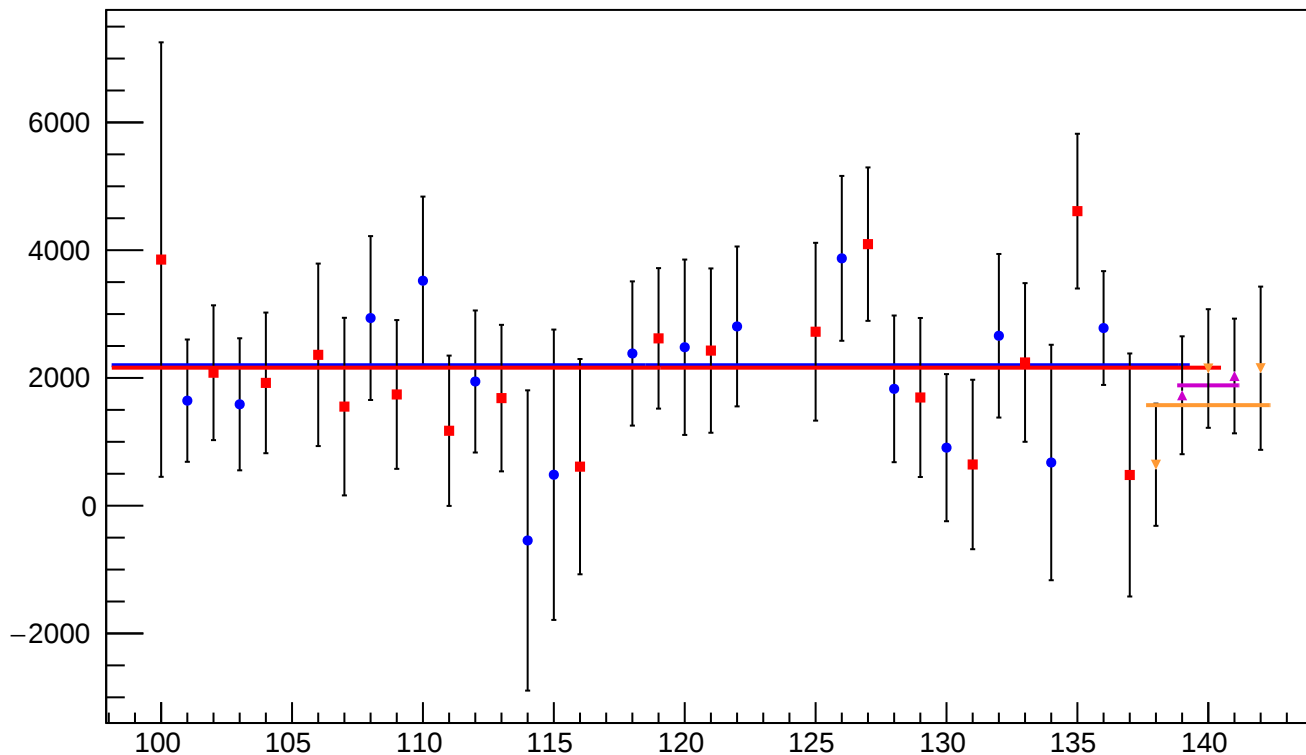


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1574.047+/-590.768

Right Out: 2160.742+/-303.587

Left In: 1883.851+/-643.493

χ^2/NDF : 8.6/15

χ^2/NDF : 1.5/2

χ^2/NDF : 11.7/17

χ^2/NDF : 0.1/1

Left: 1715.739+/-435.184

Right: 2179.612+/-215.784

In: 2140.543+/-276.910

Out: 2038.175+/-270.020

All: 2088.070+/-193.323

χ^2/NDF : 1.7/4

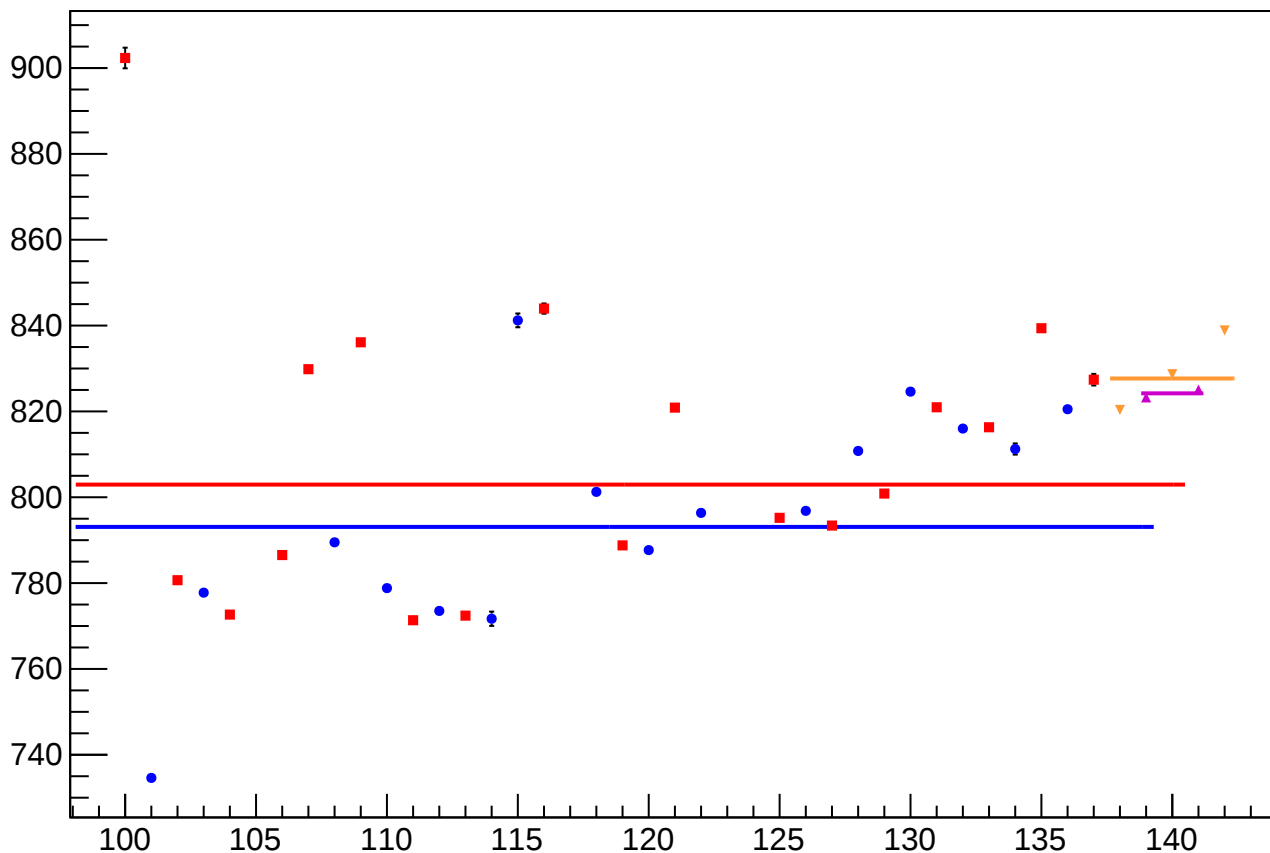
χ^2/NDF : 20.3/33

χ^2/NDF : 8.8/17

χ^2/NDF : 14.0/20

χ^2/NDF : 22.9/38

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 827.675+/-0.418 χ^2/NDF :273.1/2

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

Left In: 824.209+/-0.455 χ^2/NDF :4.0/1

Left: 826.090+/-0.308 χ^2/NDF : 308.6/4

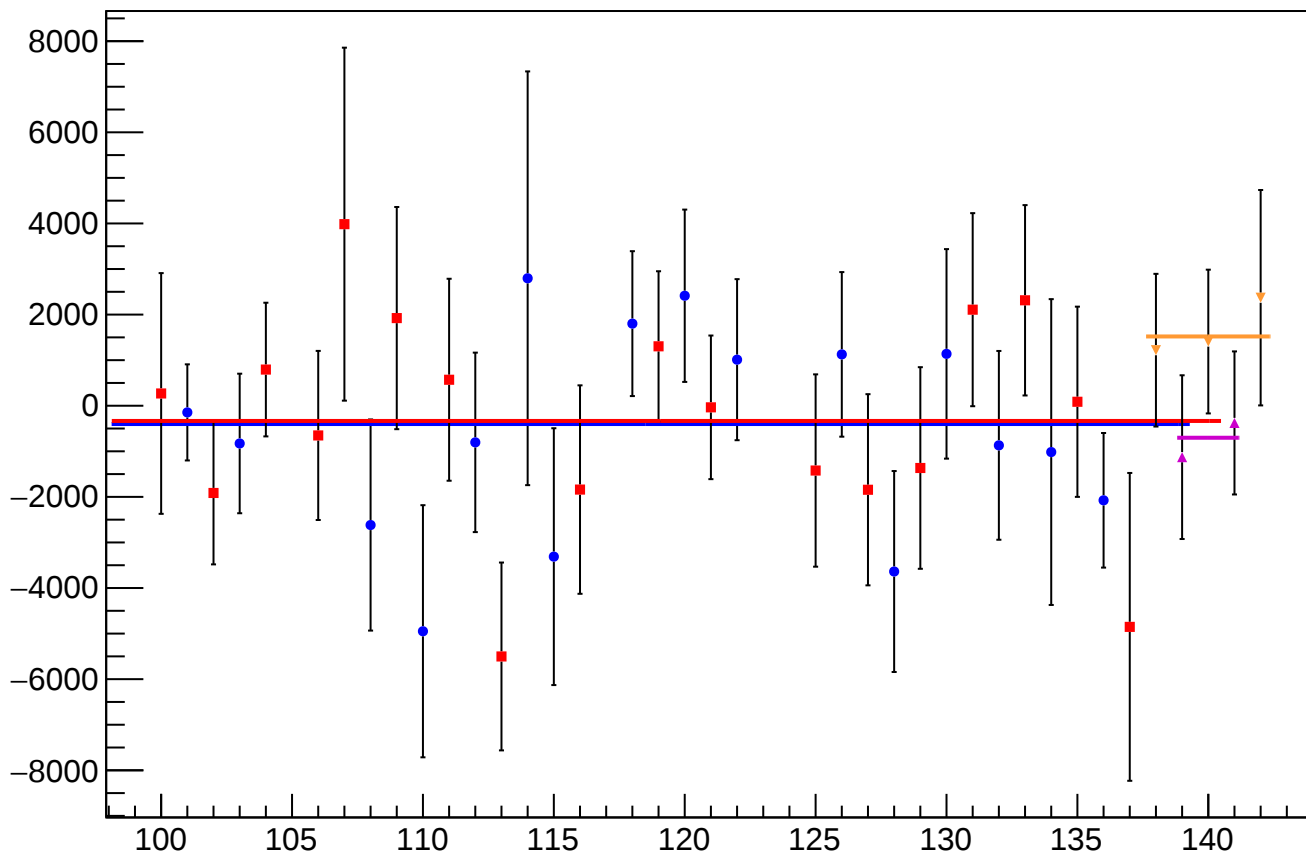
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 798.853+/-0.196 χ^2/NDF :18517.9/17

Out: 808.112+/-0.191 χ^2/NDF :17491.0/20

All: 803.599+/-0.137 χ^2/NDF : 37155.1/38

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1520.064 $\pm$ 1032.890 χ^2 /NDF:0.2/2

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

Left In: -702.480 $\pm$ 1182.107 χ^2 /NDF:0.1/1

Left: 557.841 $\pm$ 777.803 χ^2 /NDF: 2.3/4

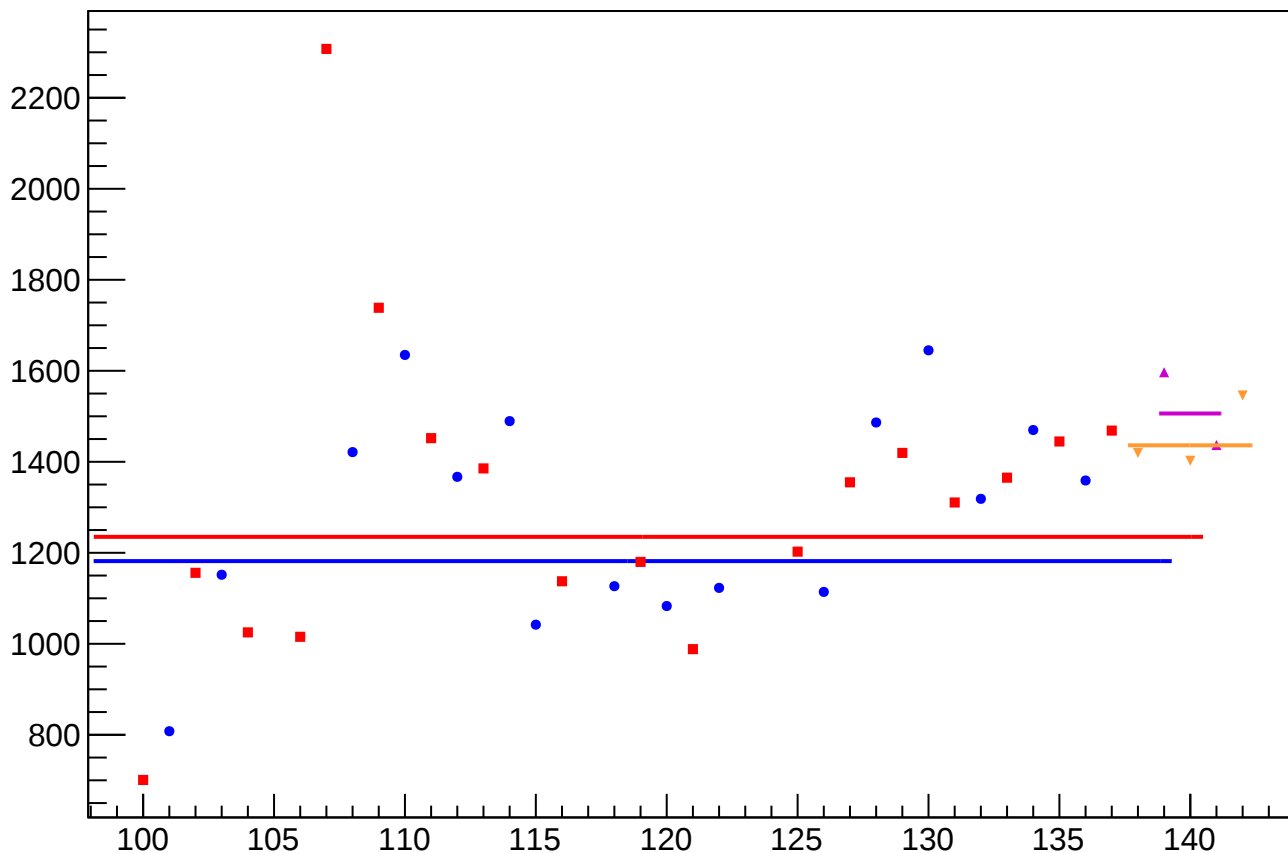
Right: -368.430 $\pm$ 334.812 χ^2 /NDF: 32.3/33

In: -442.353 $\pm$ 435.677 χ^2 /NDF:15.0/17

Out: -6.427 $\pm$ 434.155 χ^2 /NDF:20.3/20

All: -223.628 $\pm$ 307.531 χ^2 /NDF: 35.8/38

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1436.228 $\pm$ 0.730 χ^2 /NDF: 5420.3/2

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

Left In: 1506.155 $\pm$ 0.836 χ^2 /NDF: 8987.1/1

Left: 1466.502 $\pm$ 0.550 χ^2 /NDF: 18376.0/4

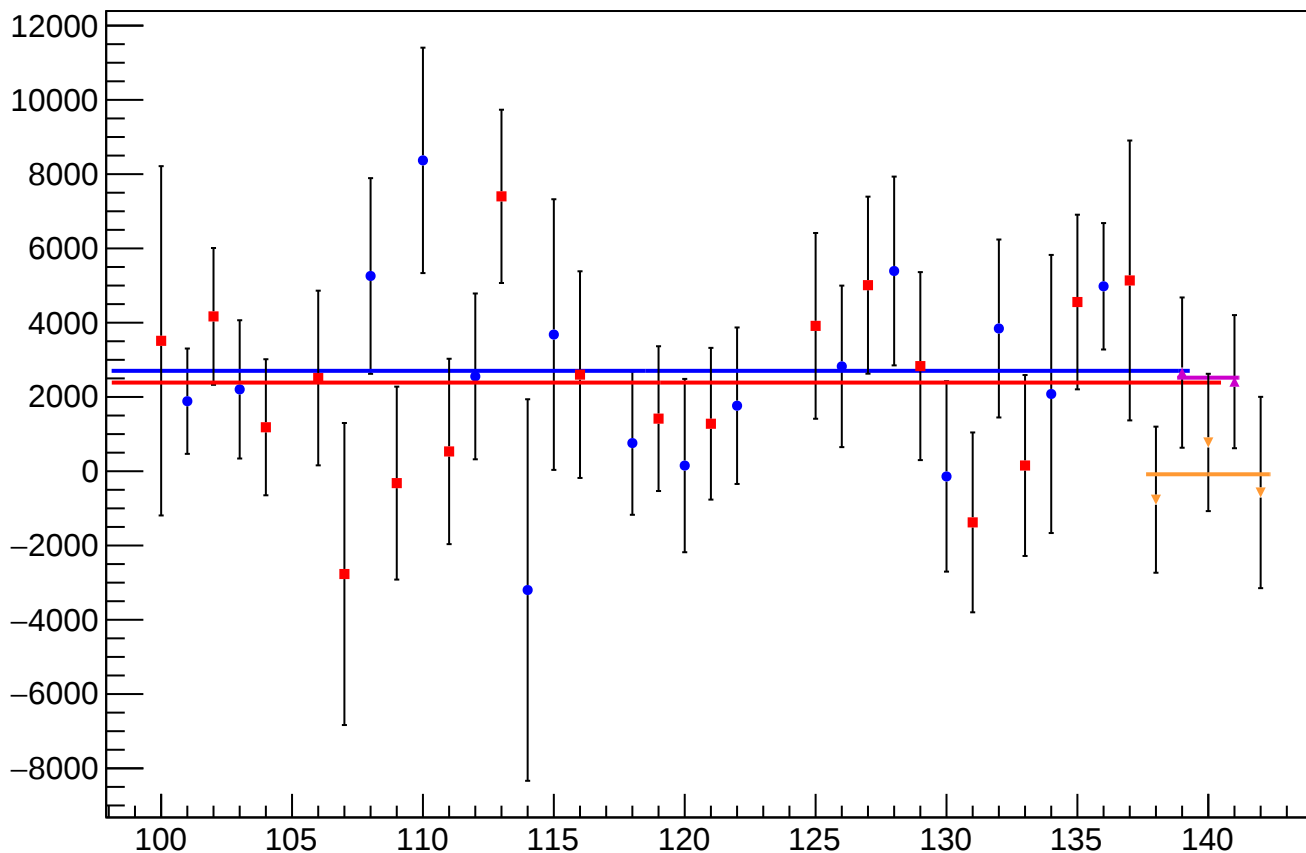
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

In: 1225.830 $\pm$ 0.308 χ^2 /NDF: 682630.0/17

Out: 1270.630 $\pm$ 0.307 χ^2 /NDF: 608112.9/20

All: 1248.308 $\pm$ 0.217 χ^2 /NDF: 1301353.2/38

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: -81.974+/-1193.718 χ^2/NDF : 0.4/2

Right Out: 2387.341+/-569.264 χ^2/NDF : 16.1/17

Left In: 2519.408+/-1341.818 χ^2/NDF : 0.0/1

Left: 1067.288+/-891.869 χ^2/NDF : 2.5/4

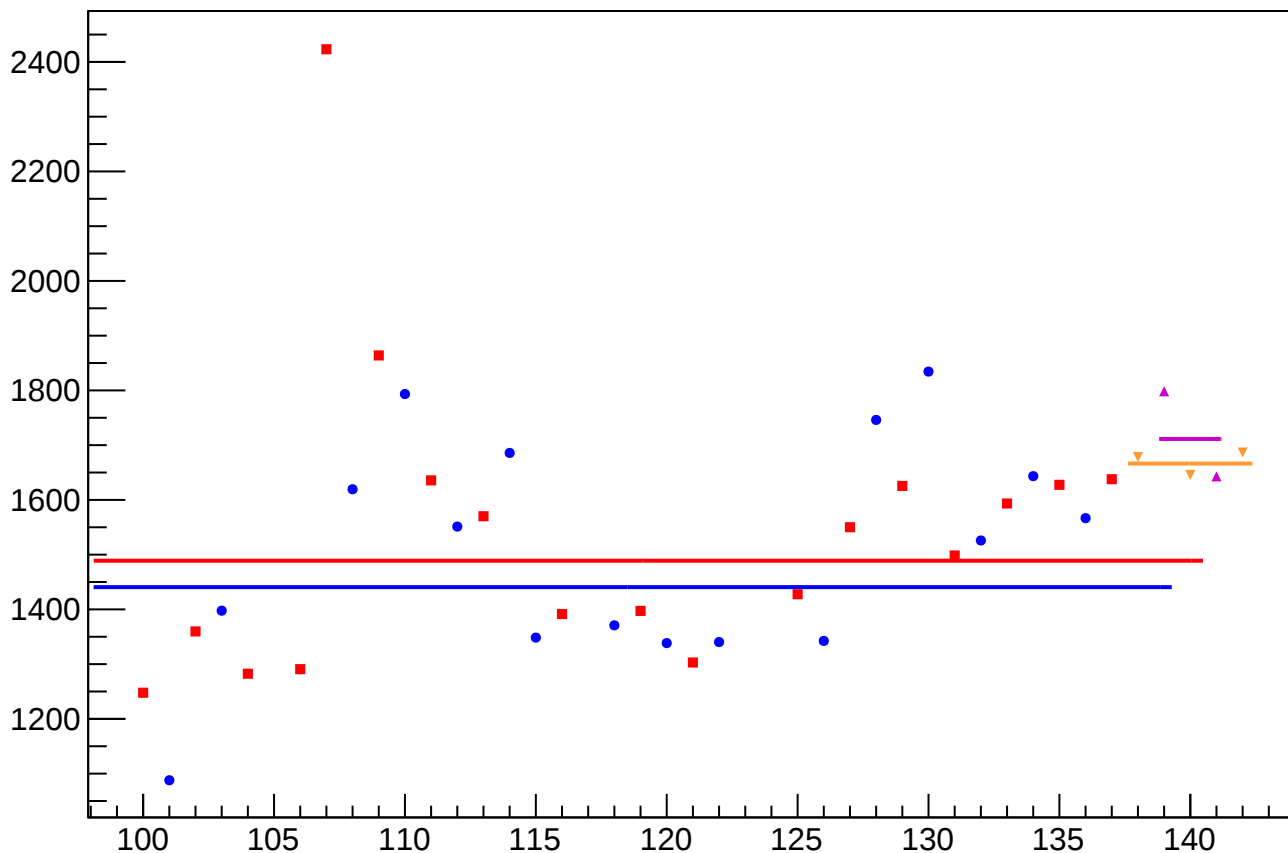
Right: 2546.843+/-400.838 χ^2/NDF : 29.3/33

In: 2675.978+/-520.334 χ^2/NDF : 13.1/17

Out: 1929.823+/-513.828 χ^2/NDF : 20.0/20

All: 2298.207+/-365.610 χ^2/NDF : 34.1/38

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1666.396 $\pm$ 0.844 χ^2/NDF : 445.7/2

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

Left In: 1711.318 $\pm$ 0.949 χ^2/NDF : 6614.0/1

Left: 1686.242 $\pm$ 0.631 χ^2/NDF : 8311.0/4

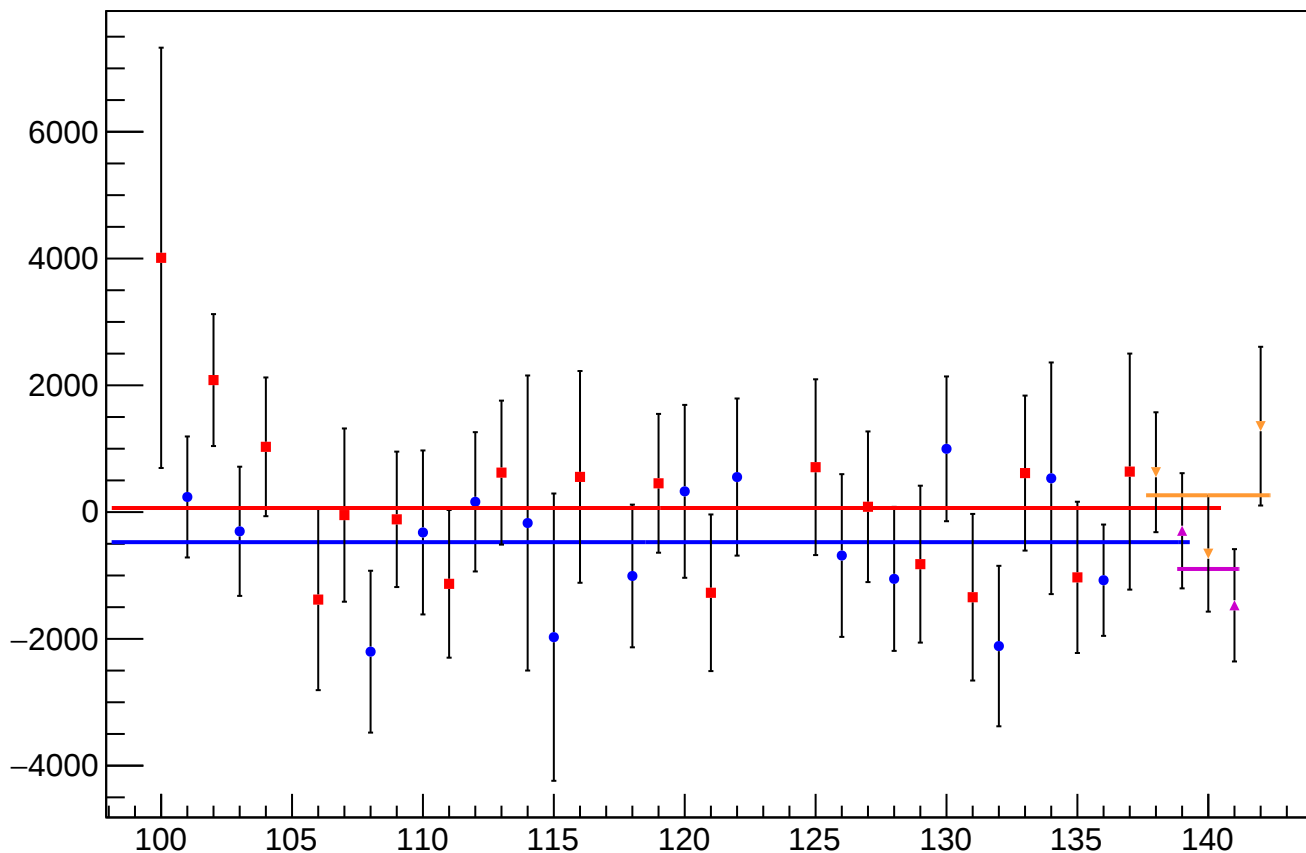
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1481.354 $\pm$ 0.368 χ^2/NDF : 358017.8/17

Out: 1521.822 $\pm$ 0.363 χ^2/NDF : 293296.0/20

All: 1501.843 $\pm$ 0.259 χ^2/NDF : 657438.7/38

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136+/-303.914 χ^2/NDF : 8.9/15

Left Out: 265.449+/-582.024 χ^2/NDF : 1.9/2

Right Out: 64.684+/-298.395 χ^2/NDF : 12.7/17

Left In: -897.217+/-634.438 χ^2/NDF : 0.9/1

Left: -265.881+/-428.888 χ^2/NDF : 4.6/4

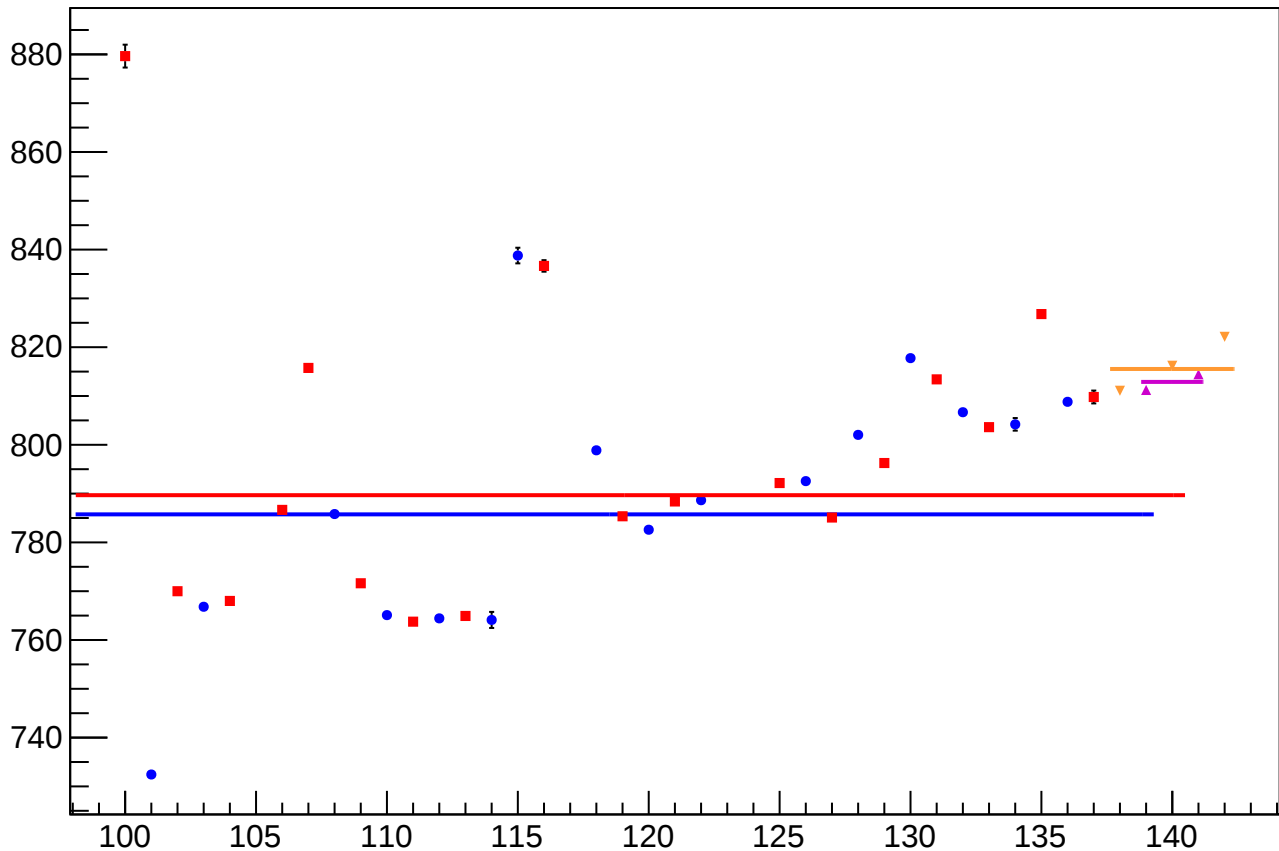
Right: -199.789+/-212.921 χ^2/NDF : 23.2/33

In: -553.100+/-274.089 χ^2/NDF : 10.1/17

Out: 106.471+/-265.532 χ^2/NDF : 14.7/20

All: -212.857+/-190.713 χ^2/NDF : 27.8/38

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746 ± 0.215 $\chi^2/\text{NDF}: 13921.5/15$

Left Out: 815.538 ± 0.412 $\chi^2/\text{NDF}: 101.0/2$

Right Out: 789.675 ± 0.211 $\chi^2/\text{NDF}: 11010.0/17$

Left In: 812.887 ± 0.449 $\chi^2/\text{NDF}: 12.8/1$

Left: 814.326 ± 0.303 $\chi^2/\text{NDF}: 132.8/4$

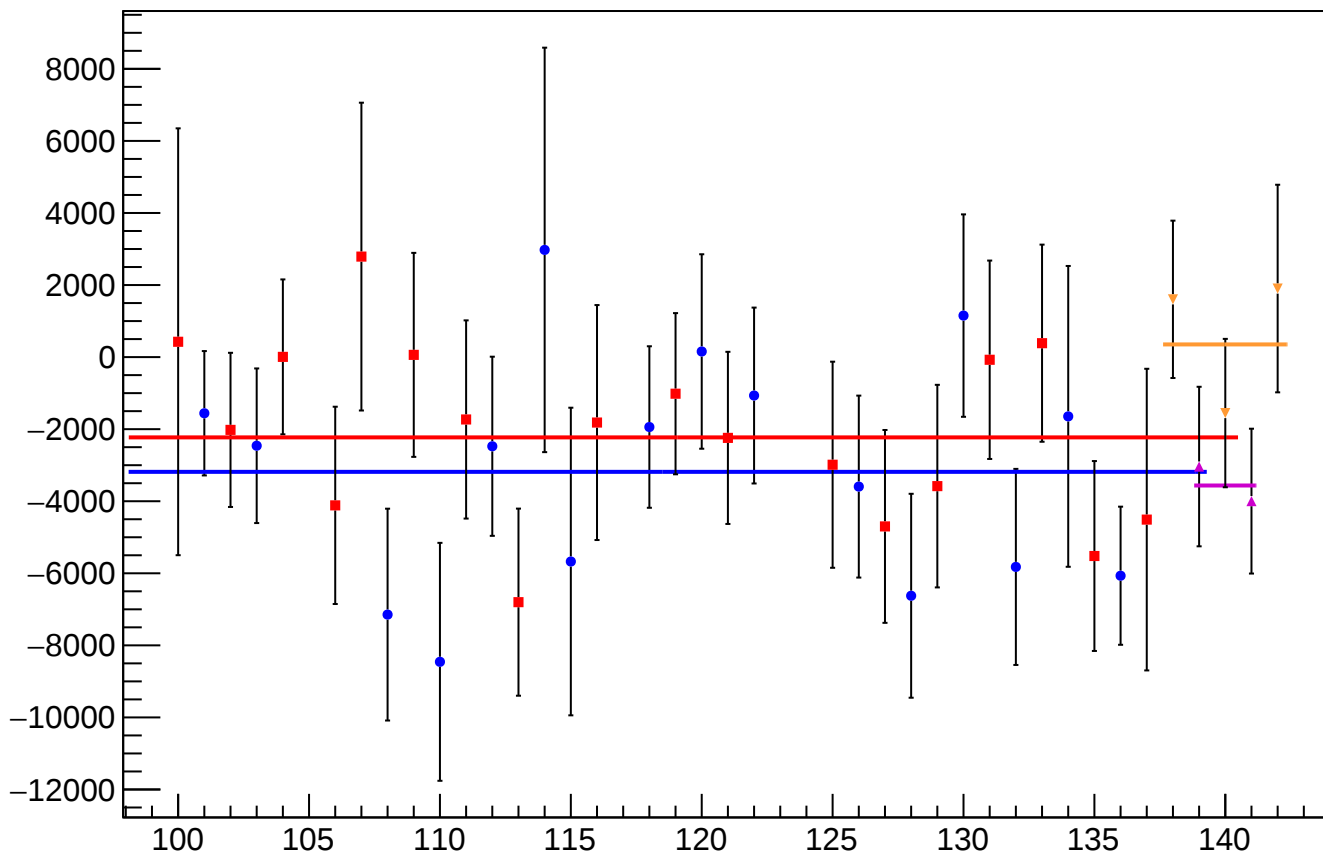
Right: 787.746 ± 0.151 $\chi^2/\text{NDF}: 25101.7/33$

In: 790.811 ± 0.194 $\chi^2/\text{NDF}: 16911.5/17$

Out: 795.058 ± 0.188 $\chi^2/\text{NDF}: 14238.0/20$

All: 793.002 ± 0.135 $\chi^2/\text{NDF}: 31397.2/38$

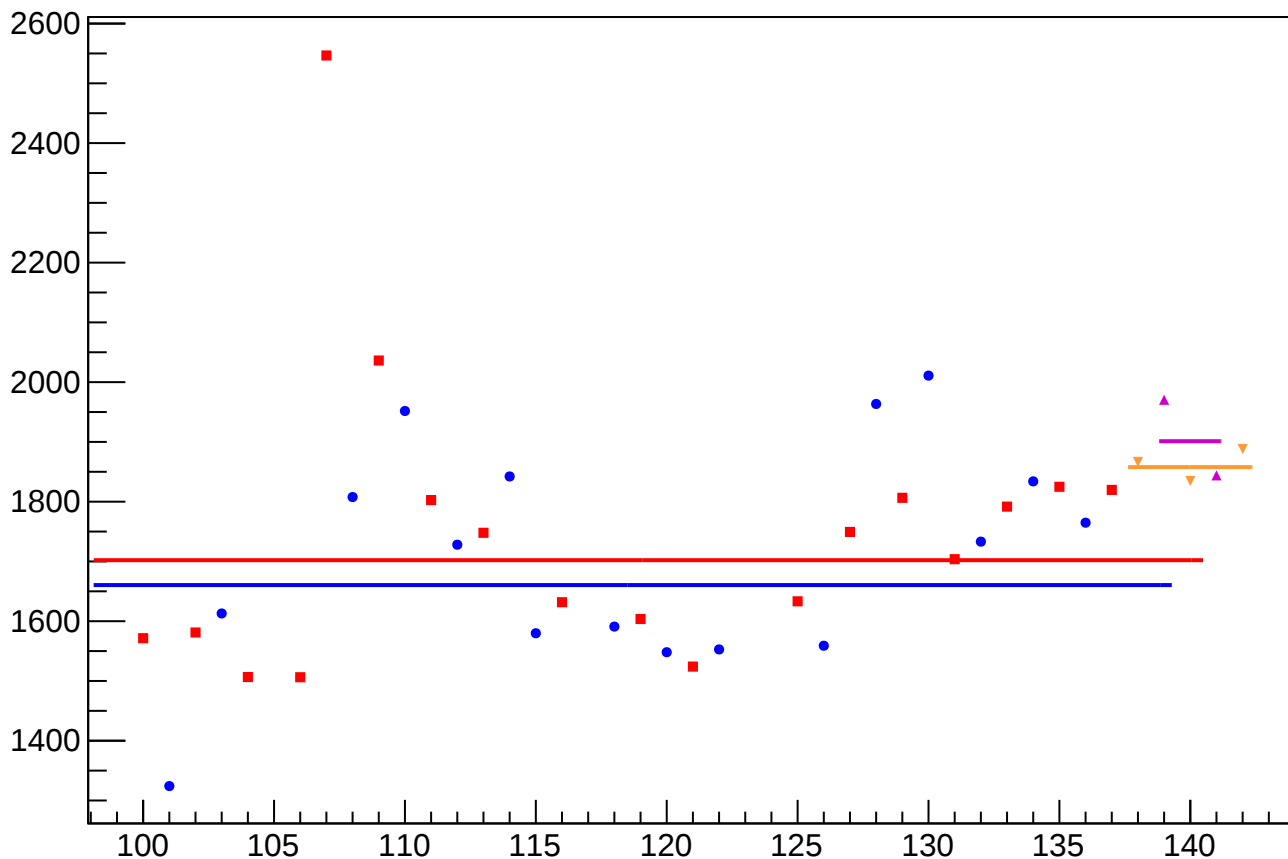
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: 351.904 $\pm$ 1329.118 χ^2/NDF : 1.5/2
 Right Out: -2228.093 $\pm$ 648.044 χ^2/NDF : 11.8/17
 Left In: -3563.521 $\pm$ 1488.118 χ^2/NDF : 0.1/1

Left: -1385.532 $\pm$ 991.293 χ^2/NDF : 5.4/4
 Right: -2706.812 $\pm$ 457.995 χ^2/NDF : 29.7/33
 In: -3244.832 $\pm$ 593.624 χ^2/NDF : 17.0/17
 Out: -1732.557 $\pm$ 582.494 χ^2/NDF : 16.3/20
 All: -2474.385 $\pm$ 415.765 χ^2/NDF : 36.6/38

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1857.851+/-0.940 χ^2/NDF : 507.3/2

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

Left In: 1901.185+/-1.052 χ^2/NDF : 3580.4/1

Left: 1877.080+/-0.701 χ^2/NDF : 5031.1/4

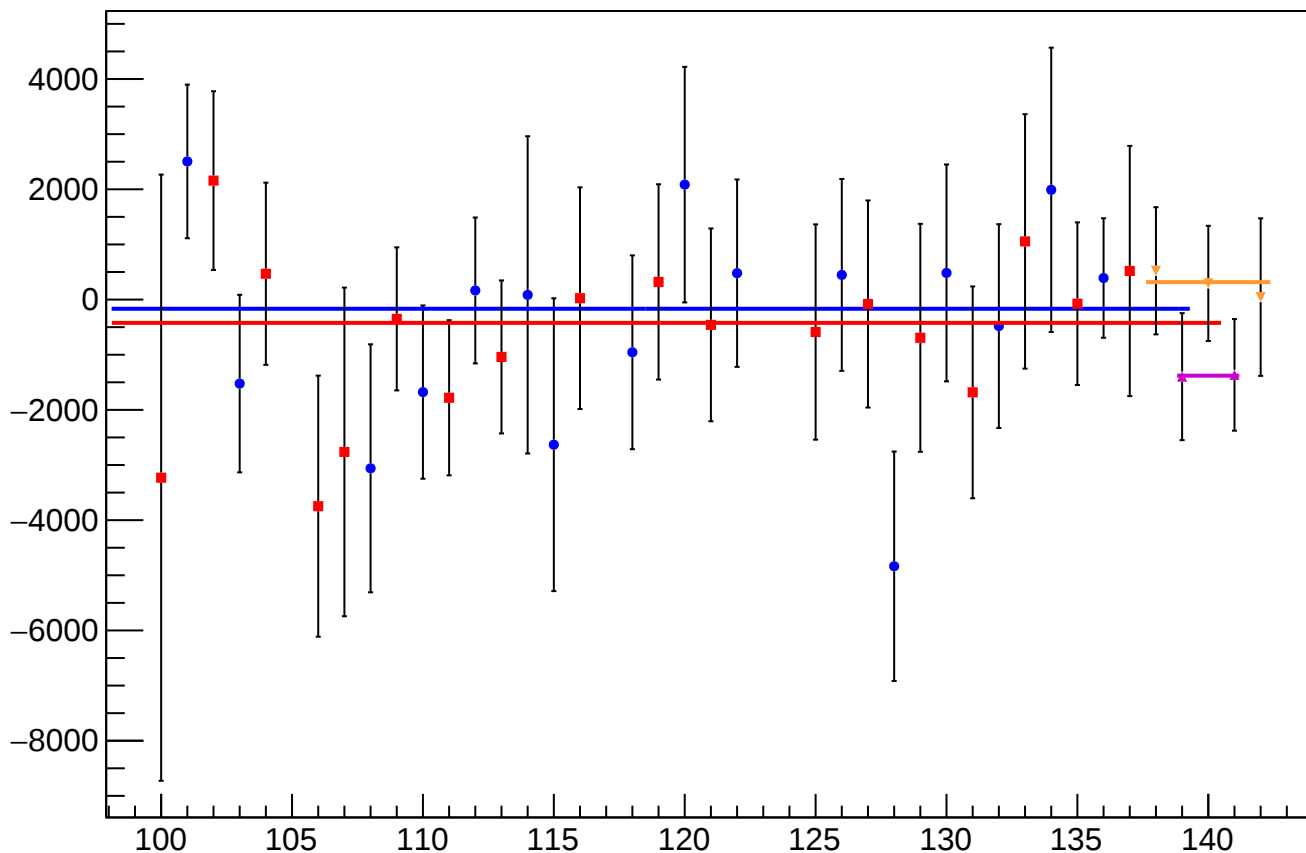
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1698.768+/-0.420 χ^2/NDF : 226793.5/17

Out: 1732.013+/-0.412 χ^2/NDF : 194705.4/20

All: 1715.705+/-0.294 χ^2/NDF : 424694.8/38

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 316.821 ± 680.646 $\chi^2/\text{NDF}: 0.1/2$

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

Left In: -1379.308 ± 760.204 $\chi^2/\text{NDF}: 0.0/1$

Left: -437.875 ± 507.092 $\chi^2/\text{NDF}: 2.8/4$

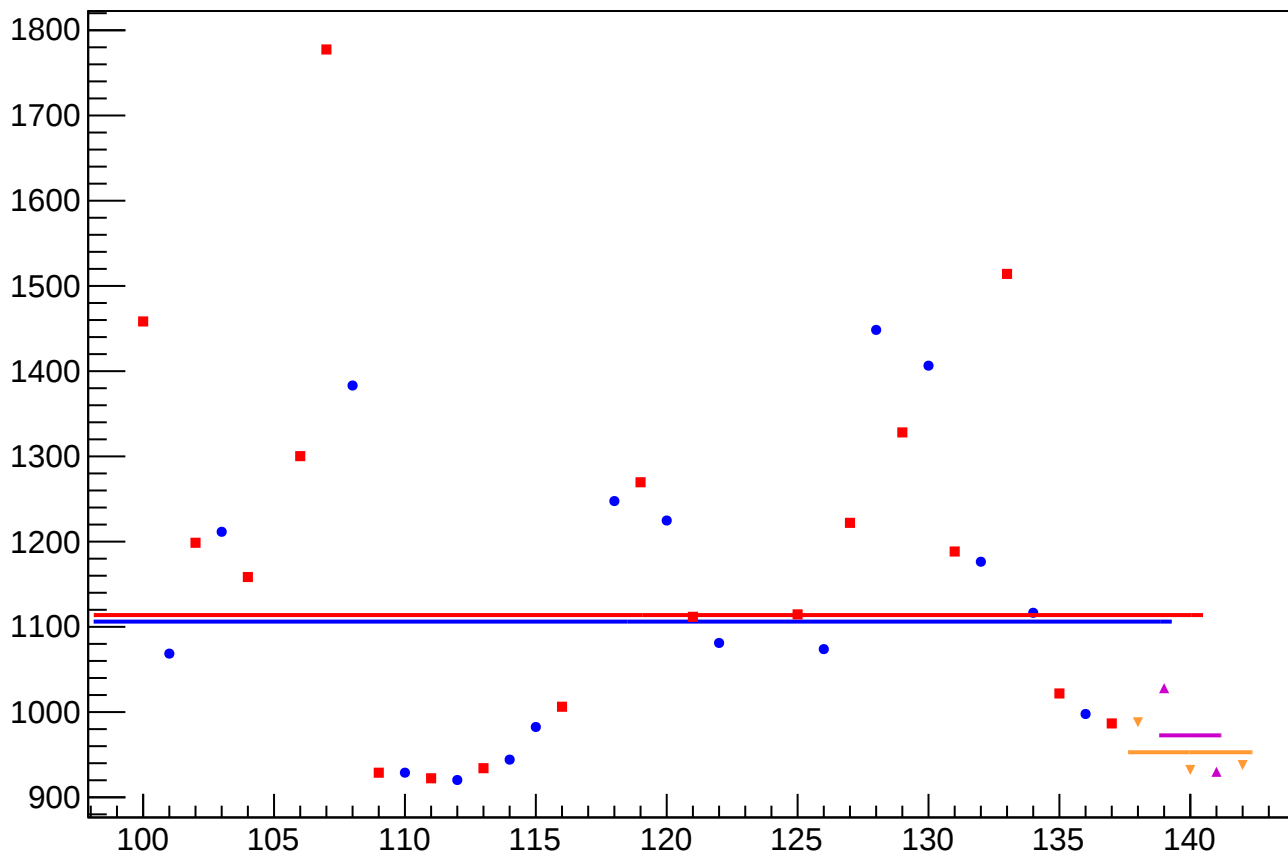
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -463.146 ± 376.038 $\chi^2/\text{NDF}: 17.5/17$

Out: -213.379 ± 361.909 $\chi^2/\text{NDF}: 9.1/20$

All: -333.482 ± 260.760 $\chi^2/\text{NDF}: 26.8/38$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 952.851+/-0.481 χ^2/NDF : 2868.7/2

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

Left In: 972.687+/-0.538 χ^2/NDF : 8183.4/1

Left: 961.677+/-0.359 χ^2/NDF : 11807.9/4

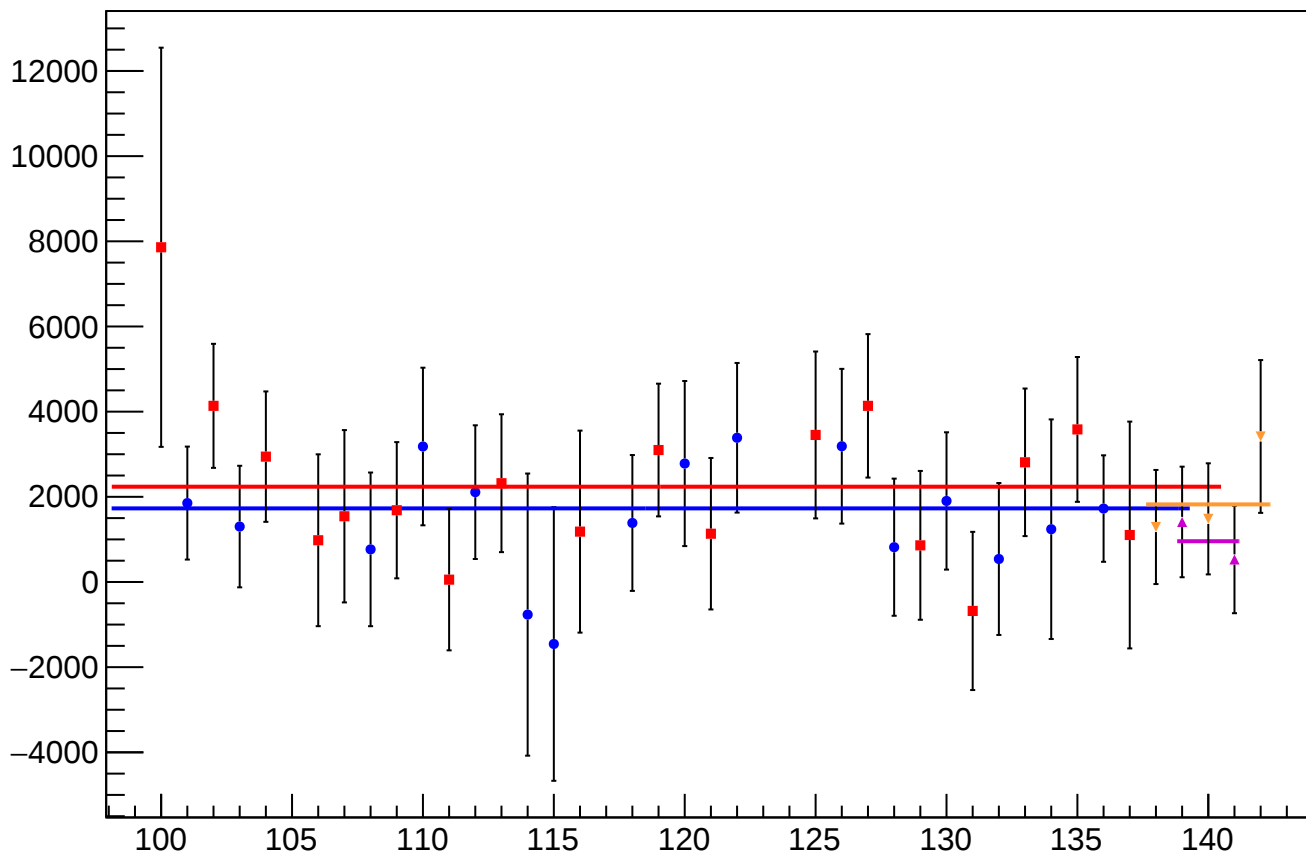
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1073.501+/-0.266 χ^2/NDF : 314668.5/17

Out: 1068.312+/-0.256 χ^2/NDF : 447397.1/20

All: 1070.807+/-0.184 χ^2/NDF : 762263.3/38

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1822.350 $\pm$ 828.898 χ^2 /NDF:1.0/2

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

Left In: 957.441 $\pm$ 905.250 χ^2 /NDF:0.2/1

Left: 1427.903 $\pm$ 611.333 χ^2 /NDF: 1.7/4

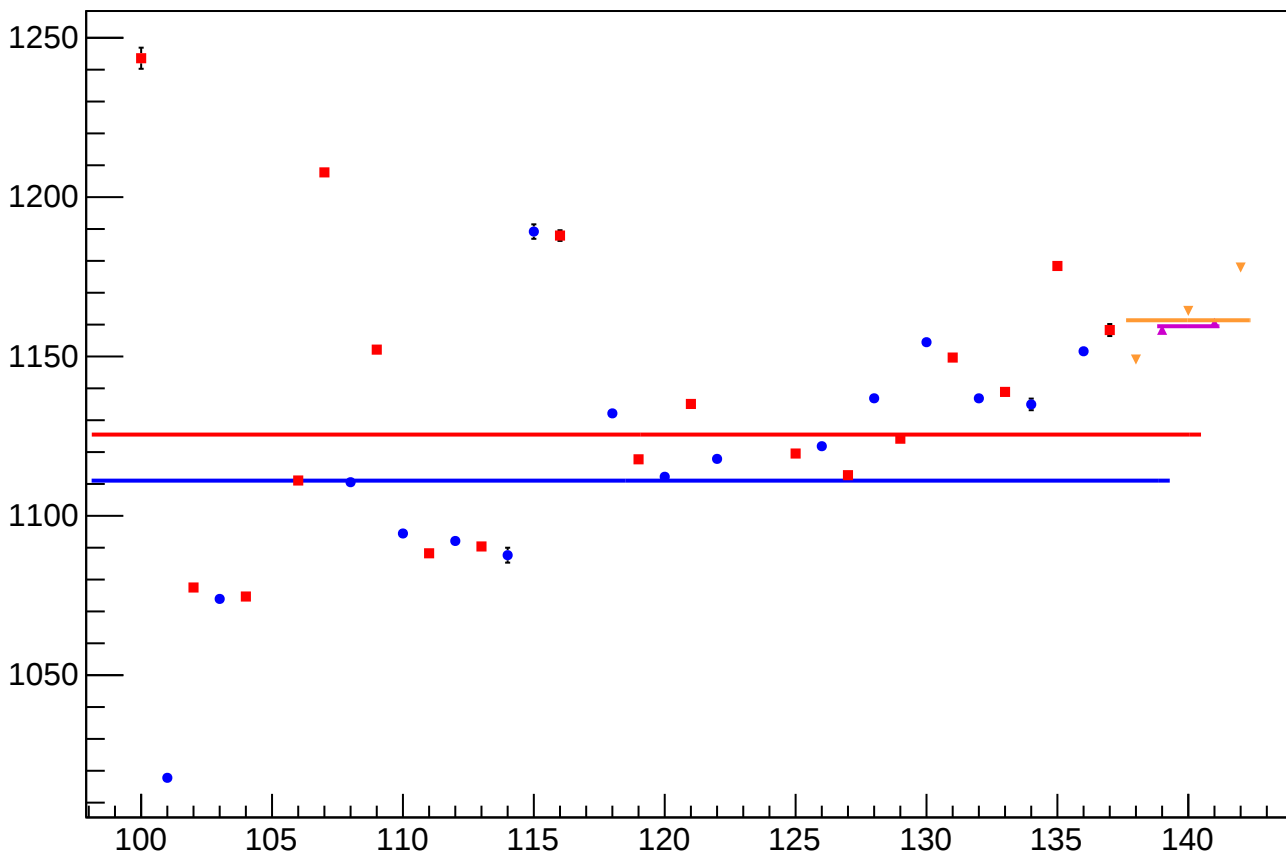
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1586.629 $\pm$ 388.263 χ^2 /NDF:6.1/17

Out: 2151.078 $\pm$ 378.509 χ^2 /NDF:13.5/20

All: 1876.032 $\pm$ 271.029 χ^2 /NDF: 20.7/38

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1161.364 $\pm$ 0.586 χ^2 /NDF:349.5/2

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

Left In: 1159.491 $\pm$ 0.640 χ^2 /NDF:2.9/1

Left: 1160.510 $\pm$ 0.432 χ^2 /NDF: 357.1/4

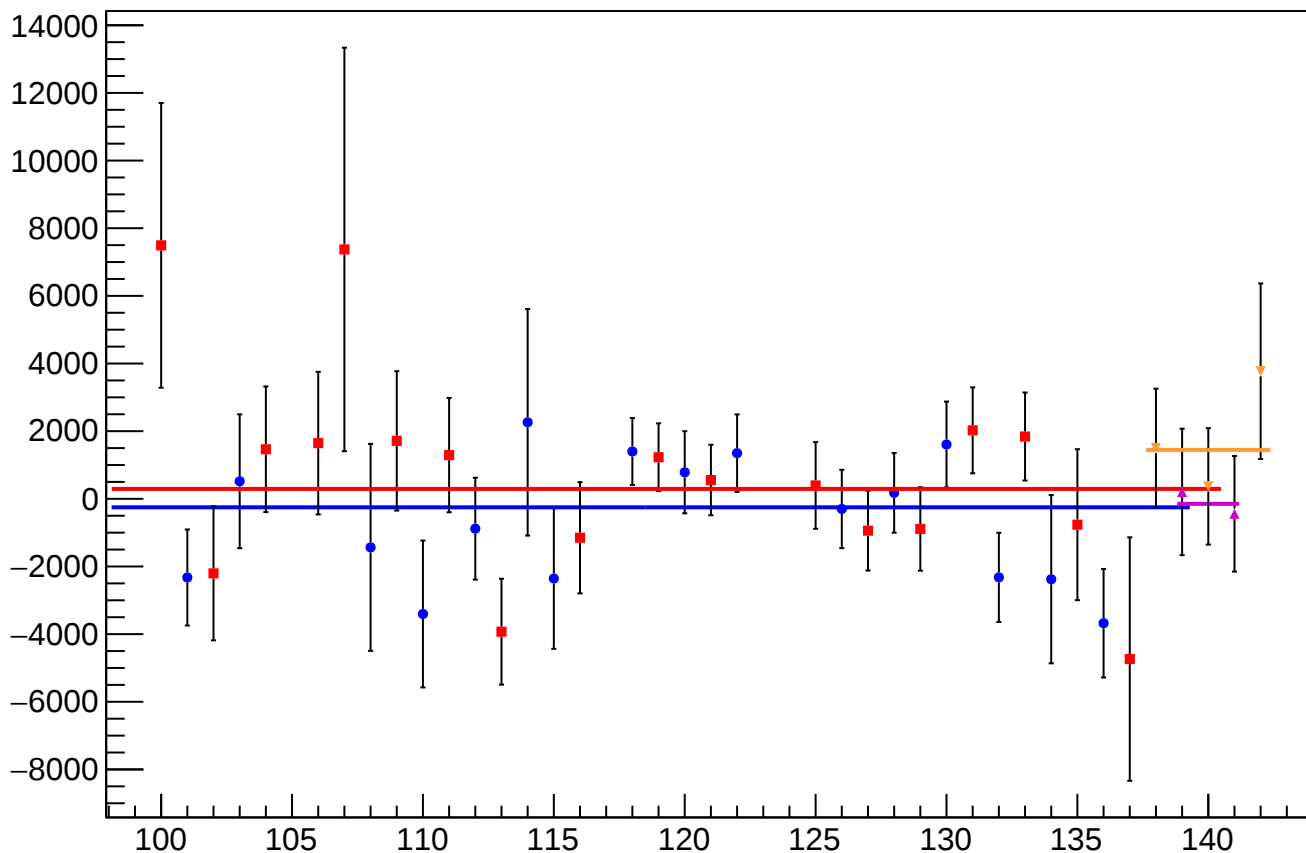
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1119.955 $\pm$ 0.275 χ^2 /NDF:22768.8/17

Out: 1132.975 $\pm$ 0.268 χ^2 /NDF:19194.5/20

All: 1126.630 $\pm$ 0.192 χ^2 /NDF: 43116.5/38

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 1446.146+/-1110.034 χ^2/NDF :1.2/2

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

Left In: -147.912+/-1261.475 χ^2/NDF :0.1/1

Left: 750.497+/-833.339 χ^2/NDF : 2.2/4

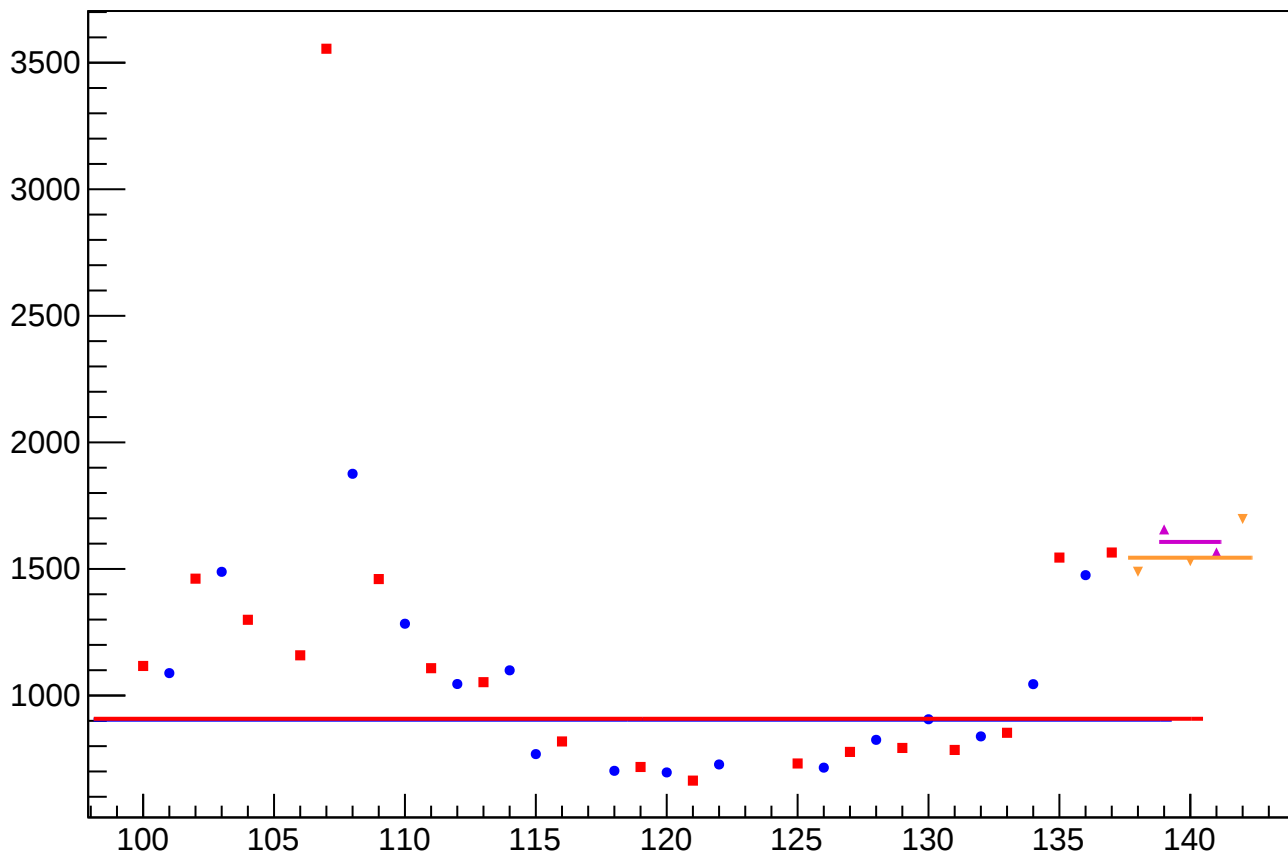
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

In: -243.340+/-350.574 χ^2/NDF :21.9/17

Out: 404.716+/-344.582 χ^2/NDF :26.2/20

All: 86.274+/-245.748 χ^2/NDF : 49.8/38

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1544.442+/-0.785 χ^2/NDF : 9074.4/2

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

Left In: 1606.770+/-0.892 χ^2/NDF : 2578.0/1

Left: 1571.642+/-0.589 χ^2/NDF : 14404.2/4

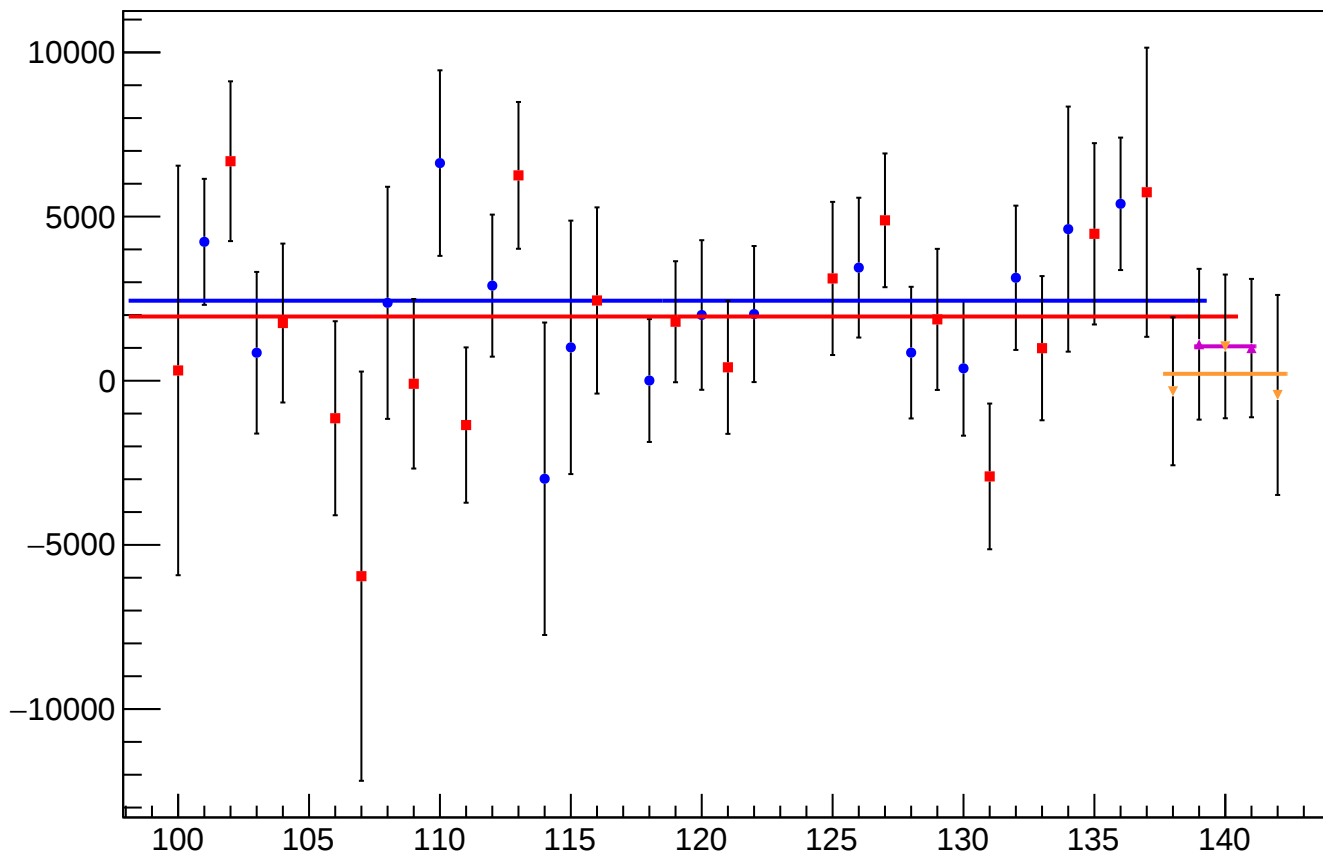
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 958.728+/-0.248 χ^2/NDF : 1595661.5/17

Out: 969.468+/-0.244 χ^2/NDF : 1983926.6/20

All: 964.191+/-0.174 χ^2/NDF : 3580542.8/38

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 210.492+/-1395.362 χ^2/NDF : 0.2/2

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

Left In: 1047.914+/-1552.673 χ^2/NDF : 0.0/1

Left: 584.644+/-1037.843 χ^2/NDF : 0.4/4

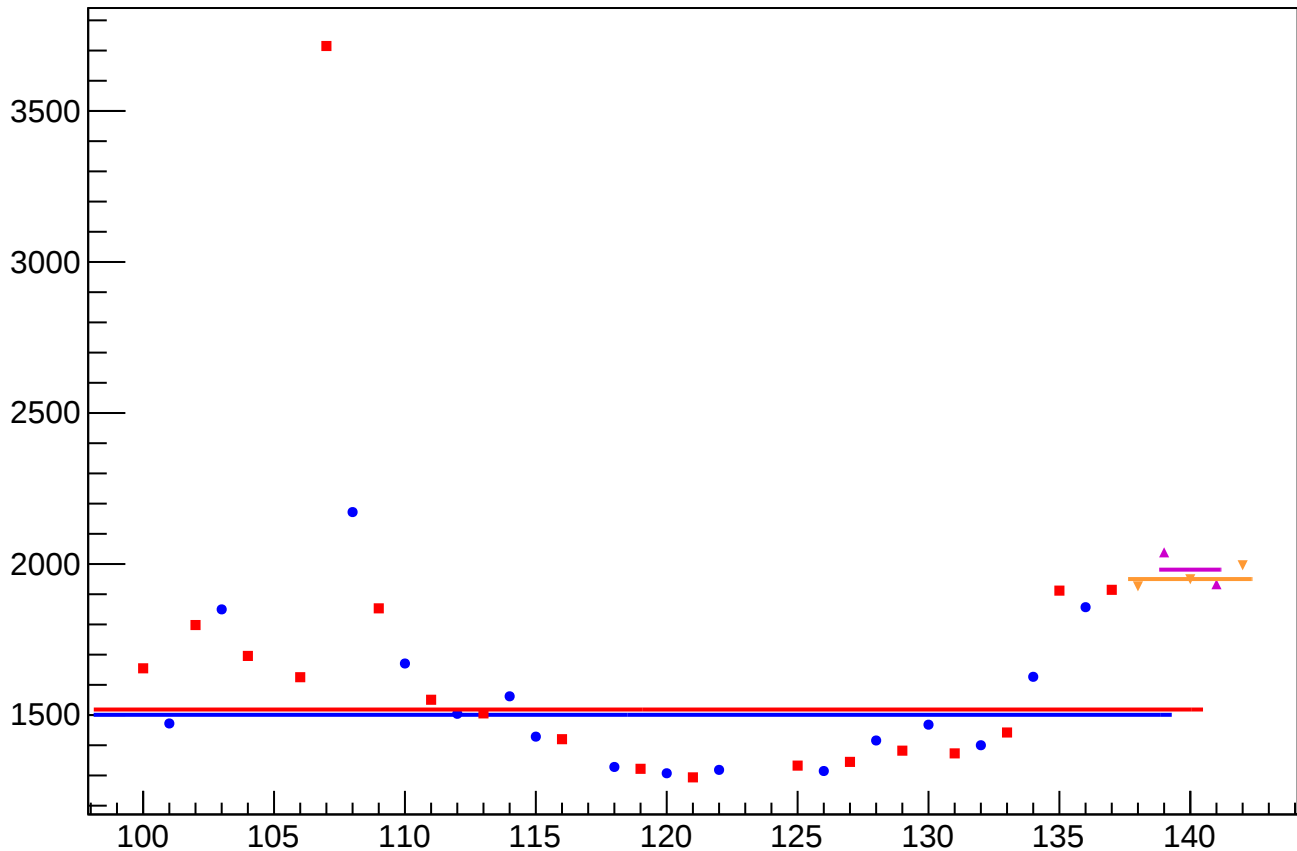
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

In: 2264.133+/-548.442 χ^2/NDF : 11.9/17

Out: 1695.679+/-538.787 χ^2/NDF : 23.9/20

All: 1974.858+/-384.348 χ^2/NDF : 36.4/38

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1950.273+/-0.987 χ^2/NDF : 678.9/2

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

Left In: 1981.406+/-1.098 χ^2/NDF : 2294.5/1

Left: 1964.183+/-0.734 χ^2/NDF : 3418.3/4

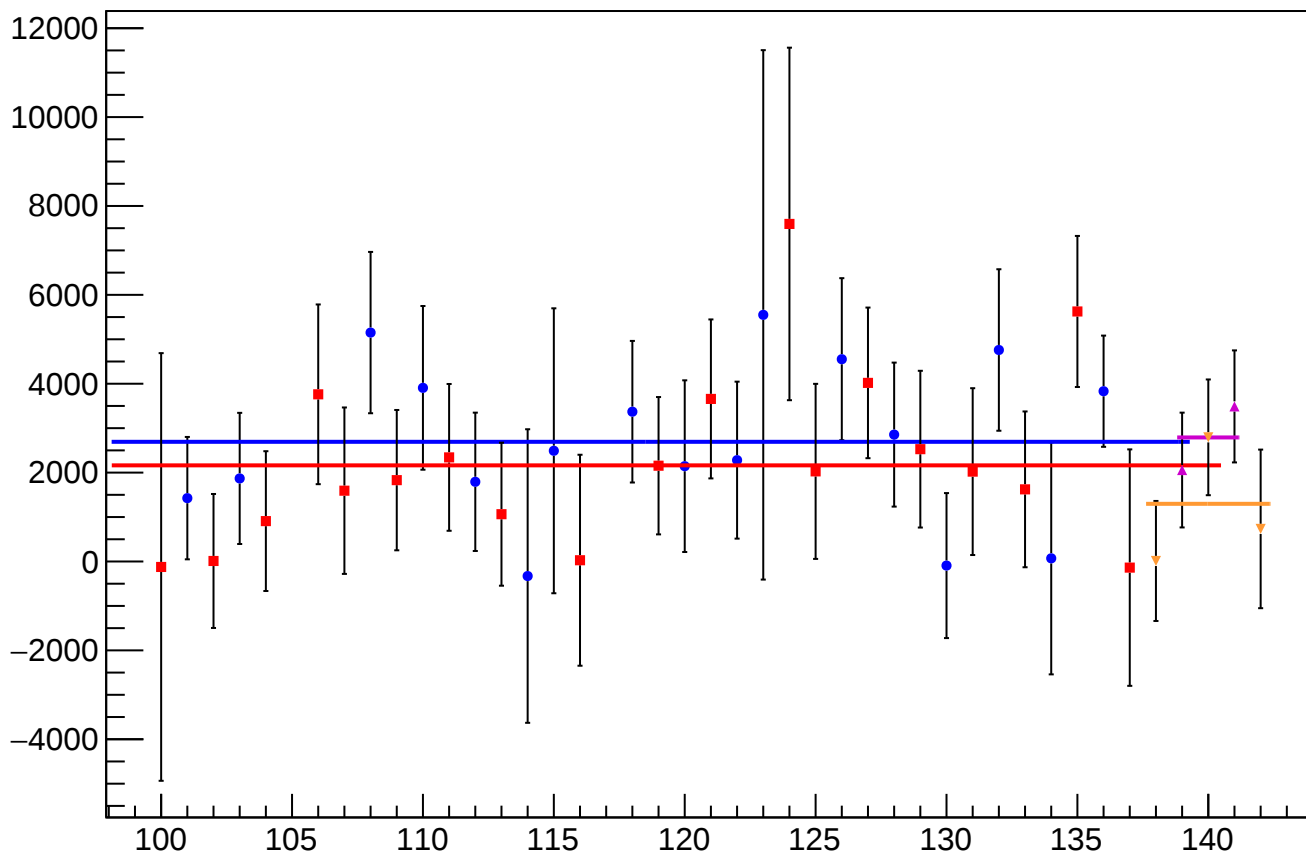
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1560.790+/-0.388 χ^2/NDF : 426216.7/17

Out: 1582.727+/-0.381 χ^2/NDF : 639769.3/20

All: 1571.953+/-0.272 χ^2/NDF : 1067614.5/38

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998+/-432.616 χ^2/NDF : 12.2/16

Left Out: 1297.577+/-829.854 χ^2/NDF : 2.3/2

Right Out: 2163.105+/-423.797 χ^2/NDF : 13.8/18

Left In: 2791.141+/-902.075 χ^2/NDF : 0.6/1

Left: 1982.185+/-610.734 χ^2/NDF : 4.4/4

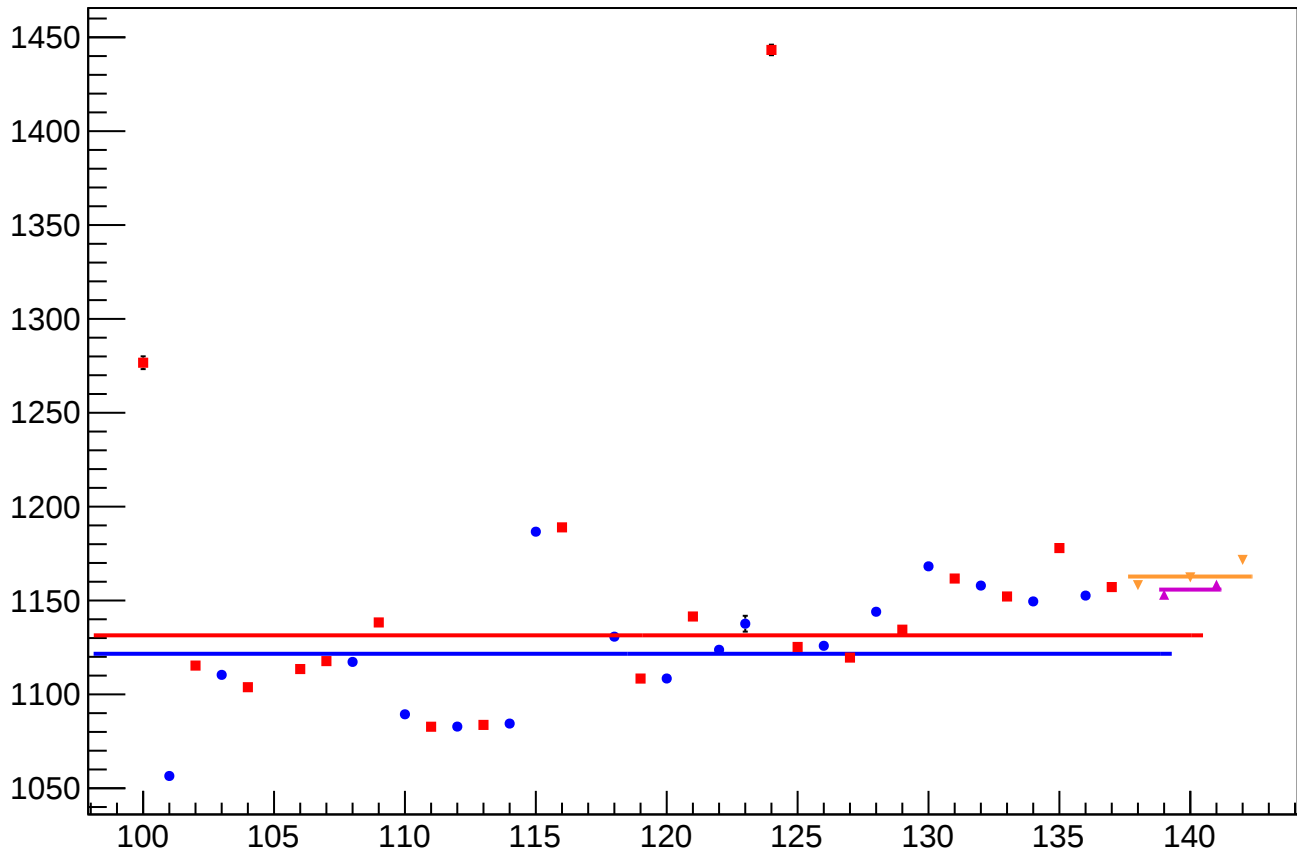
Right: 2422.596+/-302.740 χ^2/NDF : 26.8/35

In: 2711.349+/-390.077 χ^2/NDF : 12.9/18

Out: 1984.066+/-377.428 χ^2/NDF : 17.0/21

All: 2335.725+/-271.244 χ^2/NDF : 31.6/40

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1162.769 $\pm$ 0.587 χ^2 /NDF: 72.7/2

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

Left In: 1155.811 $\pm$ 0.638 χ^2 /NDF: 17.4/1

Left: 1159.580 $\pm$ 0.432 χ^2 /NDF: 154.6/4

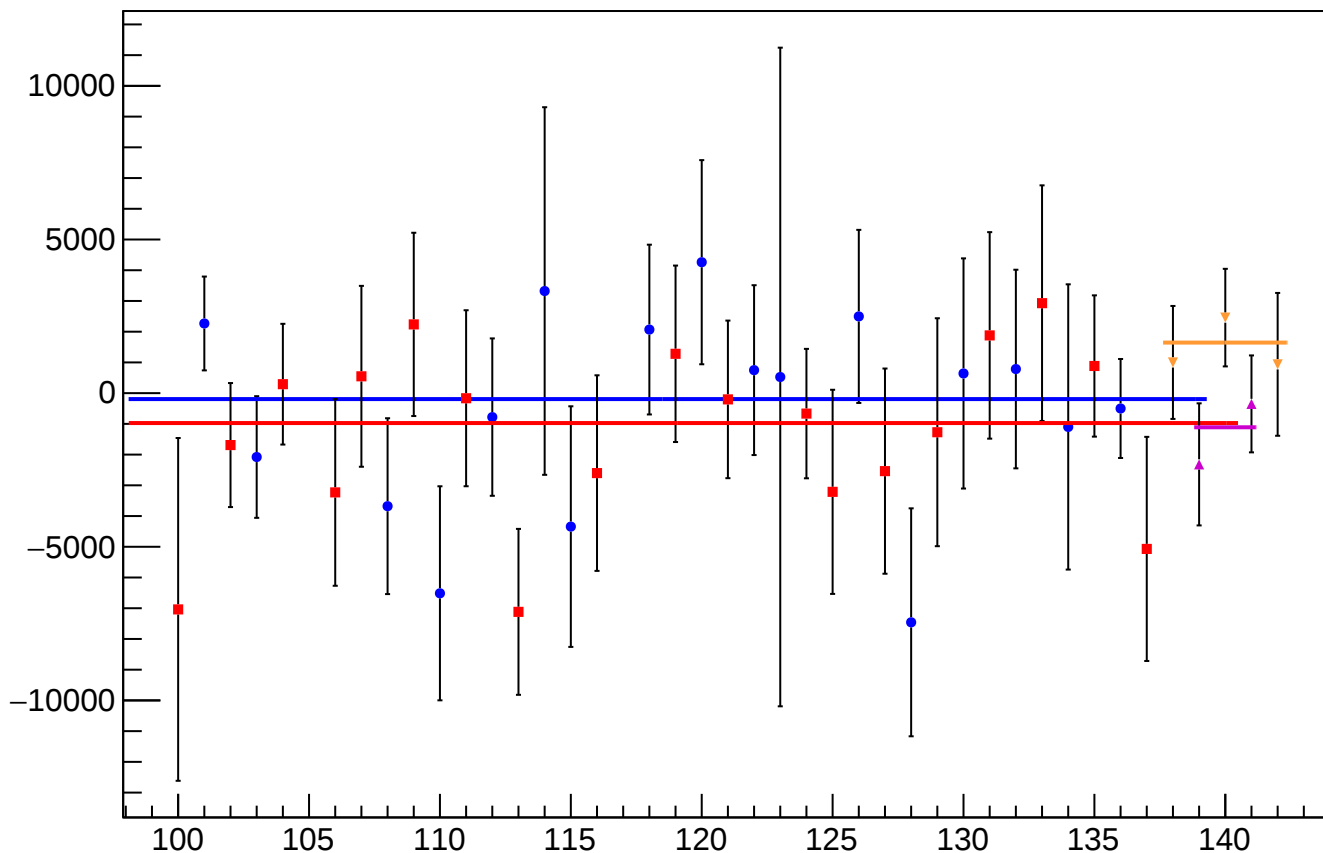
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

In: 1128.019 $\pm$ 0.276 χ^2 /NDF: 14332.8/18

Out: 1137.929 $\pm$ 0.267 χ^2 /NDF: 25443.6/21

All: 1133.137 $\pm$ 0.192 χ^2 /NDF: 40443.2/40

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1645.429+/-1067.388 χ^2/NDF : 0.5/2

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

Left In: -1110.993+/-1235.336 χ^2/NDF : 0.6/1

Left: 467.193+/-807.660 χ^2/NDF : 3.9/4

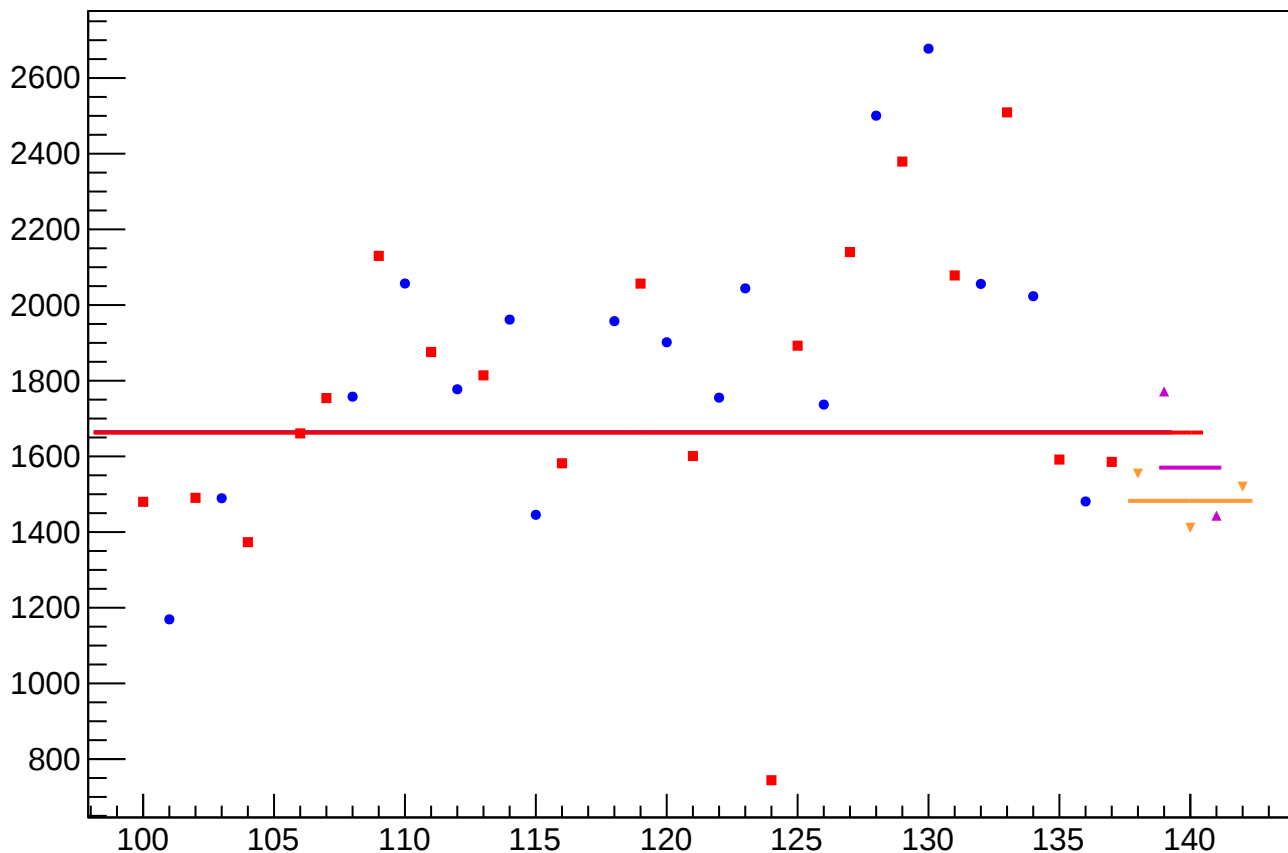
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: -397.278+/-582.373 χ^2/NDF : 18.4/18

Out: -272.736+/-552.068 χ^2/NDF : 19.2/21

All: -331.682+/-400.656 χ^2/NDF : 37.6/40

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1482.494+/-0.755 χ^2/NDF : 7598.5/2

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

Left In: 1570.307+/-0.874 χ^2/NDF : 33508.9/1

Left: 1520.030+/-0.571 χ^2/NDF : 46893.7/4

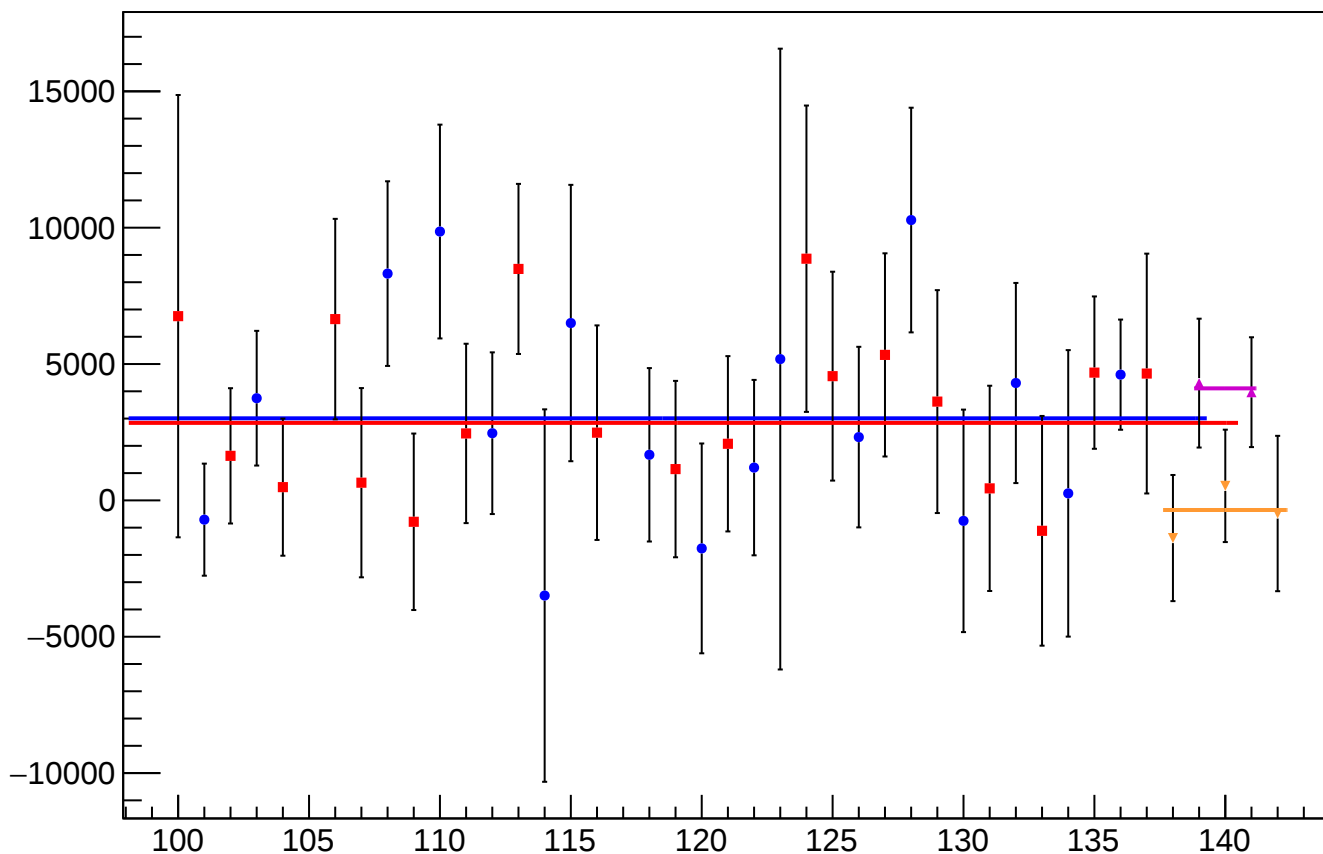
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

In: 1643.005+/-0.412 χ^2/NDF : 664892.2/18

Out: 1614.702+/-0.390 χ^2/NDF : 854462.0/21

All: 1628.098+/-0.283 χ^2/NDF : 1521842.2/40

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -352.551+/-1353.796 χ^2/NDF : 0.4/2

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

Left In: 4107.605+/-1532.570 χ^2/NDF : 0.0/1

Left: 1602.332+/-1014.625 χ^2/NDF : 5.2/4

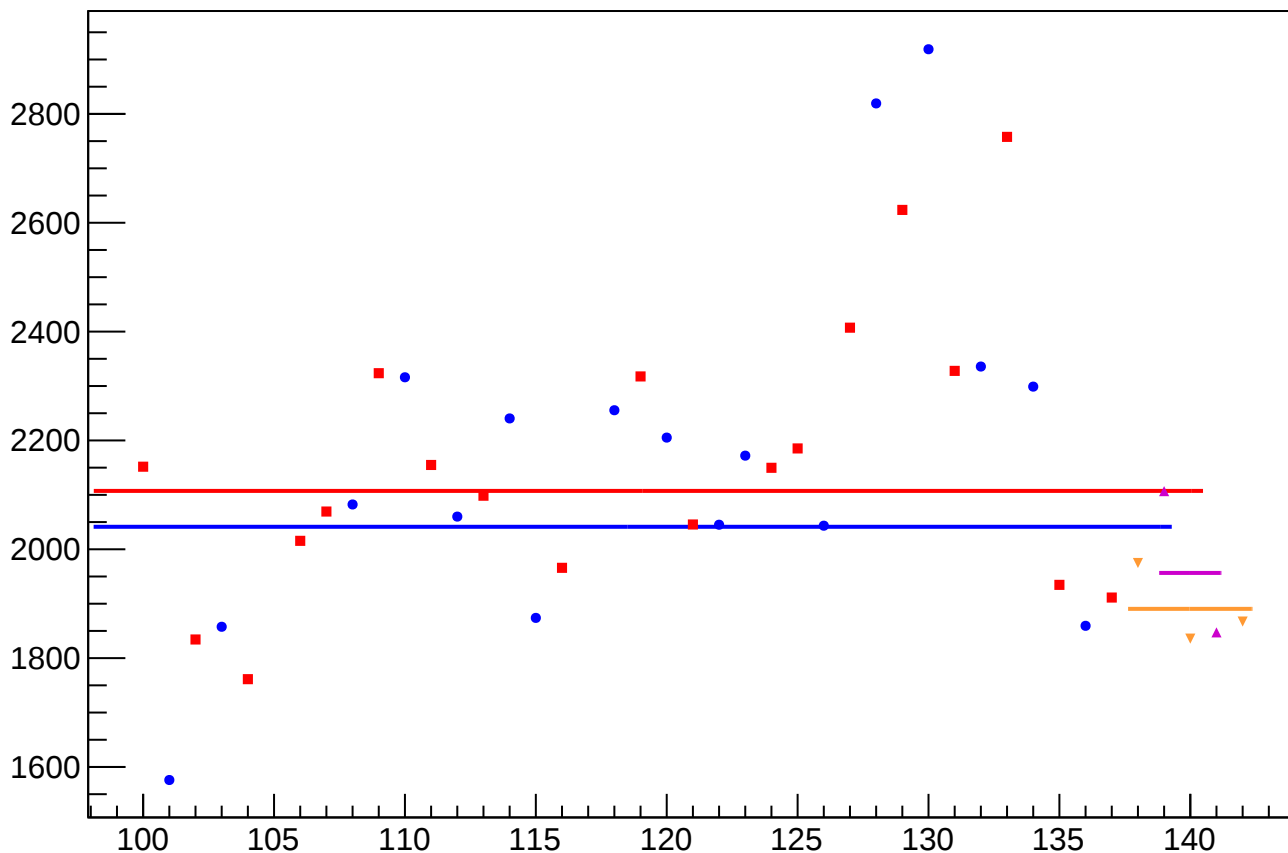
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 3244.236+/-708.946 χ^2/NDF : 17.8/18

Out: 2021.737+/-686.005 χ^2/NDF : 16.0/21

All: 2612.887+/-492.990 χ^2/NDF : 35.3/40

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1890.538+/-0.957 χ^2/NDF : 4198.0/2

Right Out: 2107.277+/-0.563 χ^2/NDF : 196781.3/18

Left In: 1956.558+/-1.084 χ^2/NDF : 13977.9/1

Left: 1919.474+/-0.717 χ^2/NDF : 20260.6/4

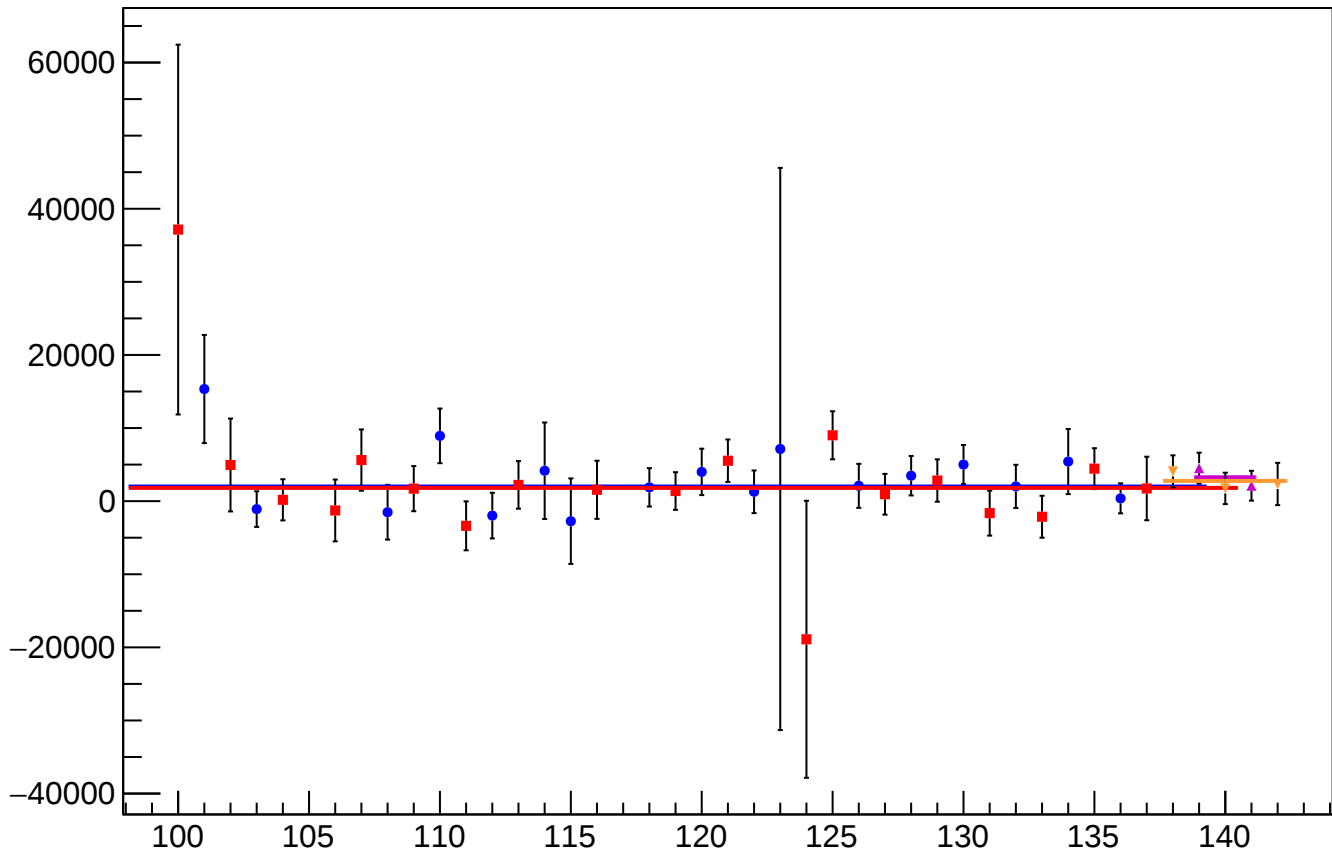
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 2023.204+/-0.501 χ^2/NDF : 357226.6/18

Out: 2051.625+/-0.485 χ^2/NDF : 239079.0/21

All: 2037.882+/-0.349 χ^2/NDF : 597965.4/40

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2767.129+/-1355.203 χ^2/NDF : 0.6/2

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

Left In: 3268.661+/-1468.956 χ^2/NDF : 0.7/1

Left: 2997.727+/-996.063 χ^2/NDF : 1.3/4

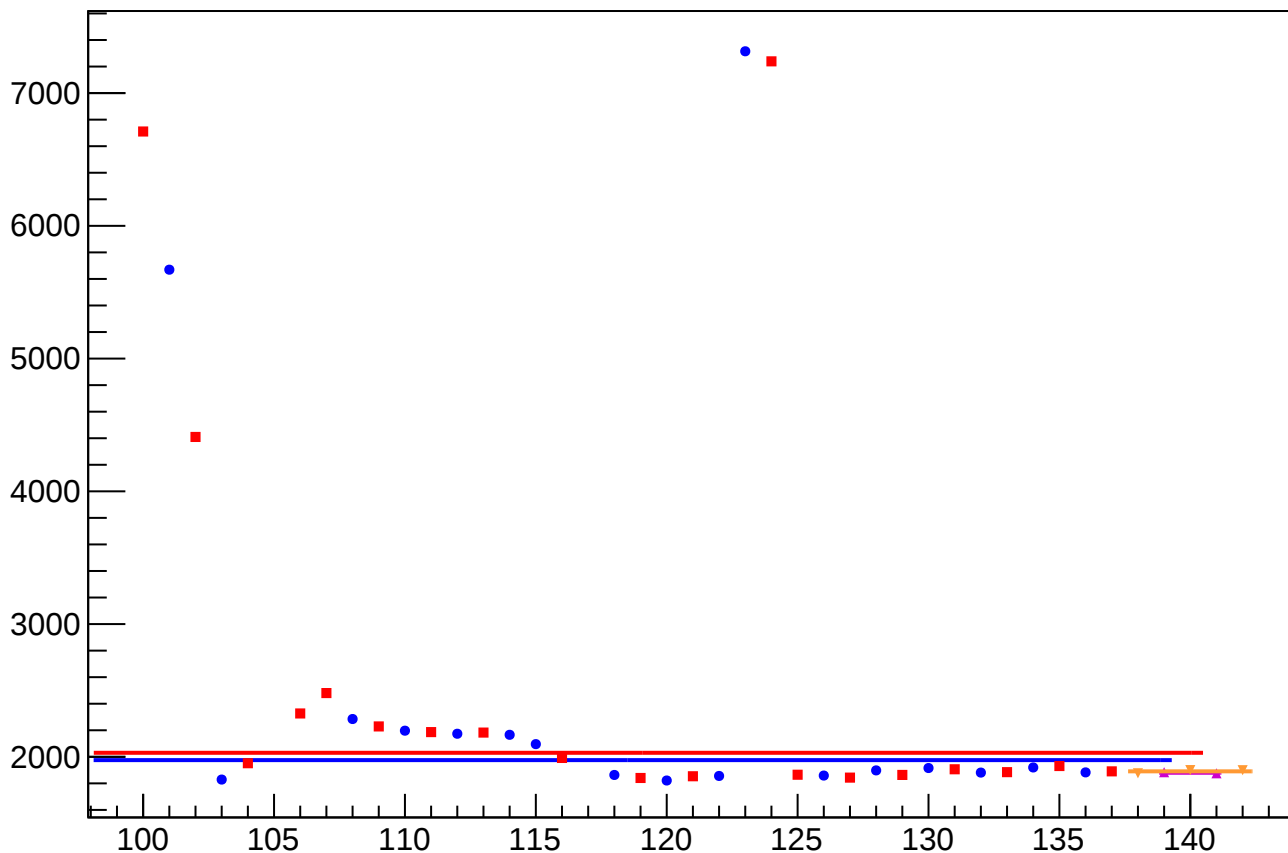
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2279.848+/-690.014 χ^2/NDF : 16.1/18

Out: 2053.026+/-676.975 χ^2/NDF : 19.2/21

All: 2164.274+/-483.238 χ^2/NDF : 35.3/40

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1890.593+/-0.958 χ^2/NDF :145.4/2

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

Left In: 1879.768+/-1.039 χ^2/NDF :15.4/1

Left: 1885.616+/-0.704 χ^2/NDF : 219.4/4

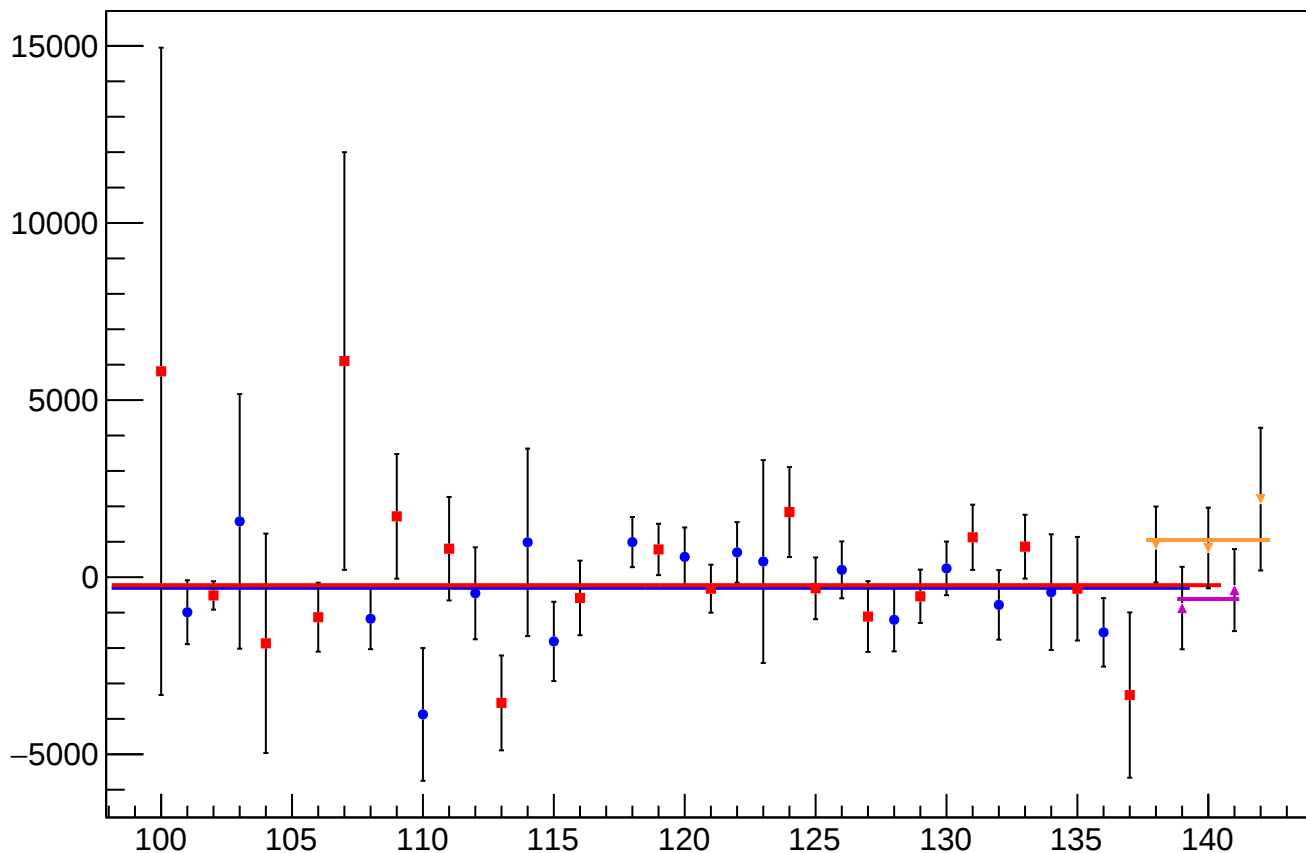
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1954.072+/-0.488 χ^2/NDF :606413.0/18

Out: 1995.470+/-0.479 χ^2/NDF :620029.4/21

All: 1975.166+/-0.342 χ^2/NDF : 1230110.5/40

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1051.012+/-727.279 χ^2/NDF : 0.4/2

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

Left In: -616.348+/-820.870 χ^2/NDF : 0.1/1

Left: 317.763+/-544.359 χ^2/NDF : 2.8/4

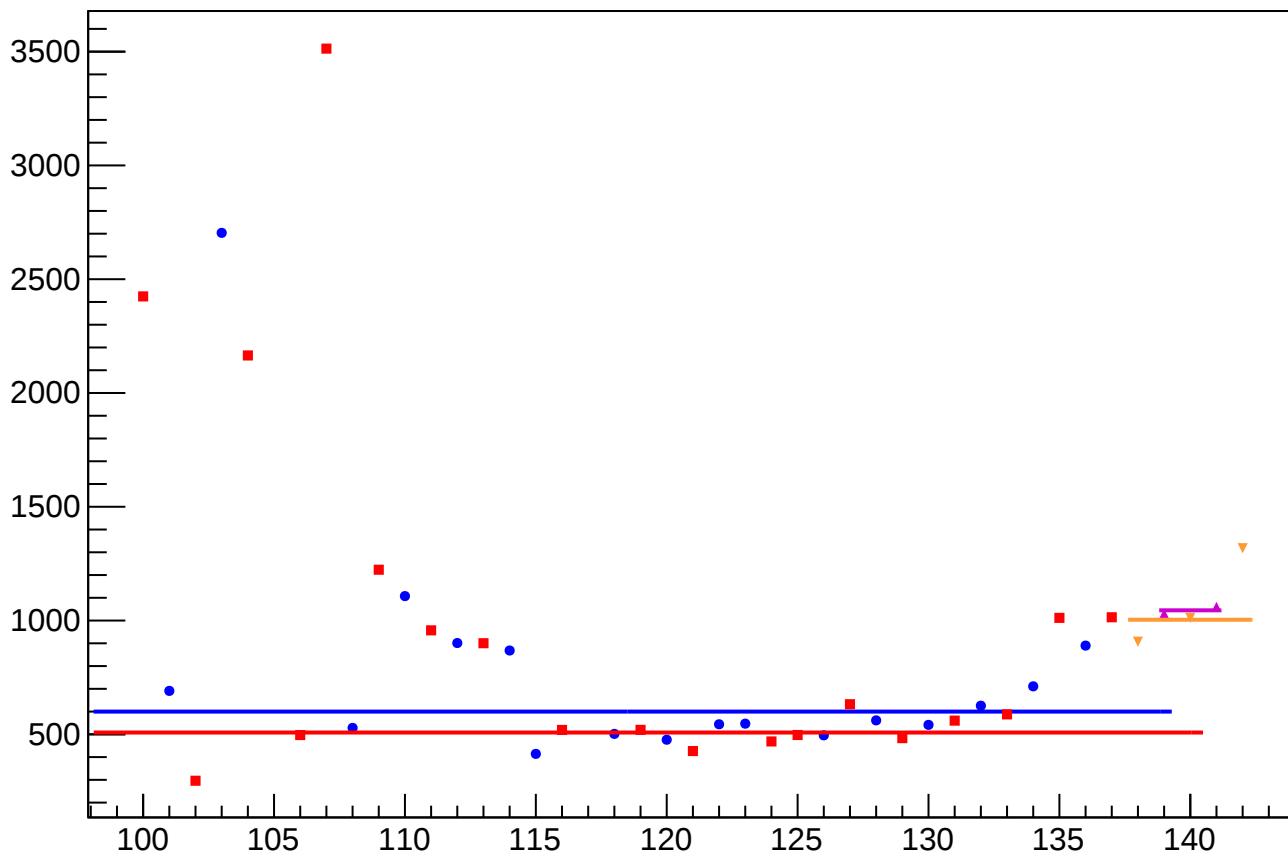
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

In: -326.180+/-236.186 χ^2/NDF : 17.6/18

Out: -122.350+/-206.677 χ^2/NDF : 25.4/21

All: -210.743+/-155.536 χ^2/NDF : 43.4/40

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953 $\pm$ 0.174 χ^2 /NDF: 1381049.4/16

Left Out: 1003.516 $\pm$ 0.514 χ^2 /NDF:65015.0/2

Right Out: 507.943 $\pm$ 0.152 χ^2 /NDF: 2848884.0/18

Left In: 1044.949 $\pm$ 0.580 χ^2 /NDF:682.9/1

Left: 1021.737 $\pm$ 0.385 χ^2 /NDF: 68552.5/4

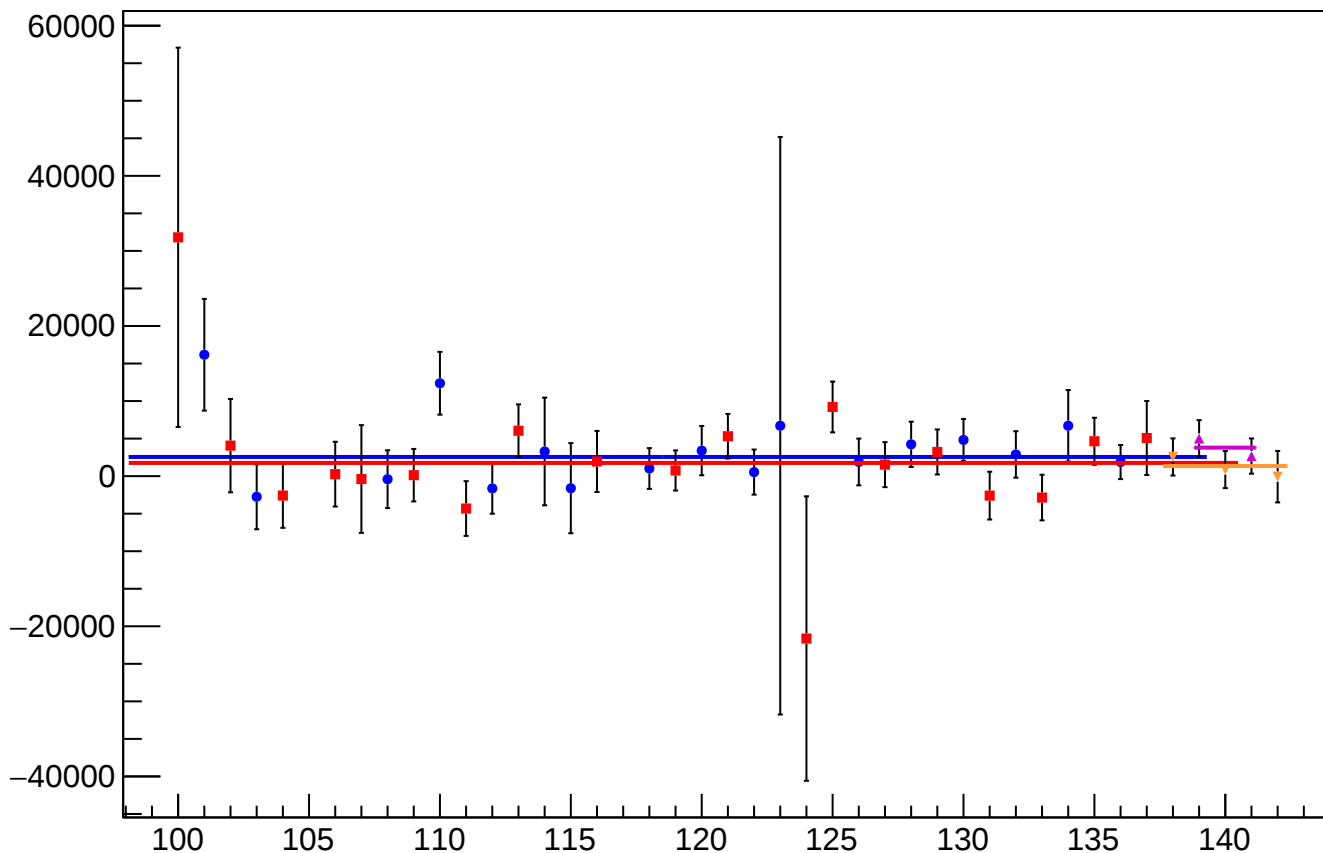
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

In: 636.793 $\pm$ 0.167 χ^2 /NDF:1920823.9/18

Out: 547.964 $\pm$ 0.146 χ^2 /NDF:3767536.5/21

All: 586.485 $\pm$ 0.110 χ^2 /NDF: 5848577.7/40

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1345.650 $\pm$ 1557.539 χ^2 /NDF: 0.4/2

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

Left In: 3795.944 $\pm$ 1692.977 χ^2 /NDF: 0.5/1

Left: 2468.878 $\pm$ 1146.241 χ^2 /NDF: 2.1/4

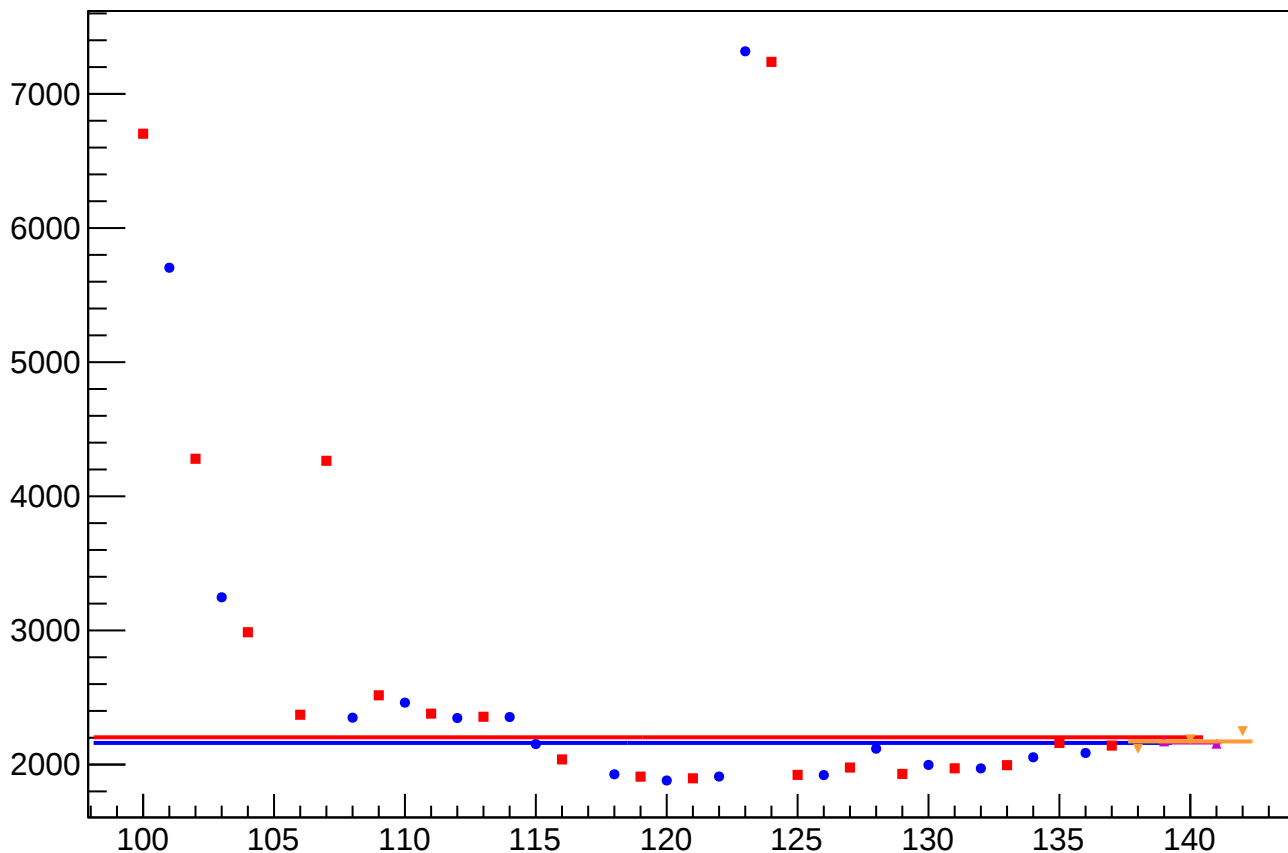
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2807.906 $\pm$ 765.968 χ^2 /NDF: 16.6/18

Out: 1665.262 $\pm$ 749.278 χ^2 /NDF: 21.4/21

All: 2224.000 $\pm$ 535.623 χ^2 /NDF: 39.2/40

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2172.493+/-1.101 χ^2/NDF :2061.7/2

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

Left In: 2164.424+/-1.197 χ^2/NDF :52.7/1

Left: 2168.794+/-0.811 χ^2/NDF : 2139.0/4

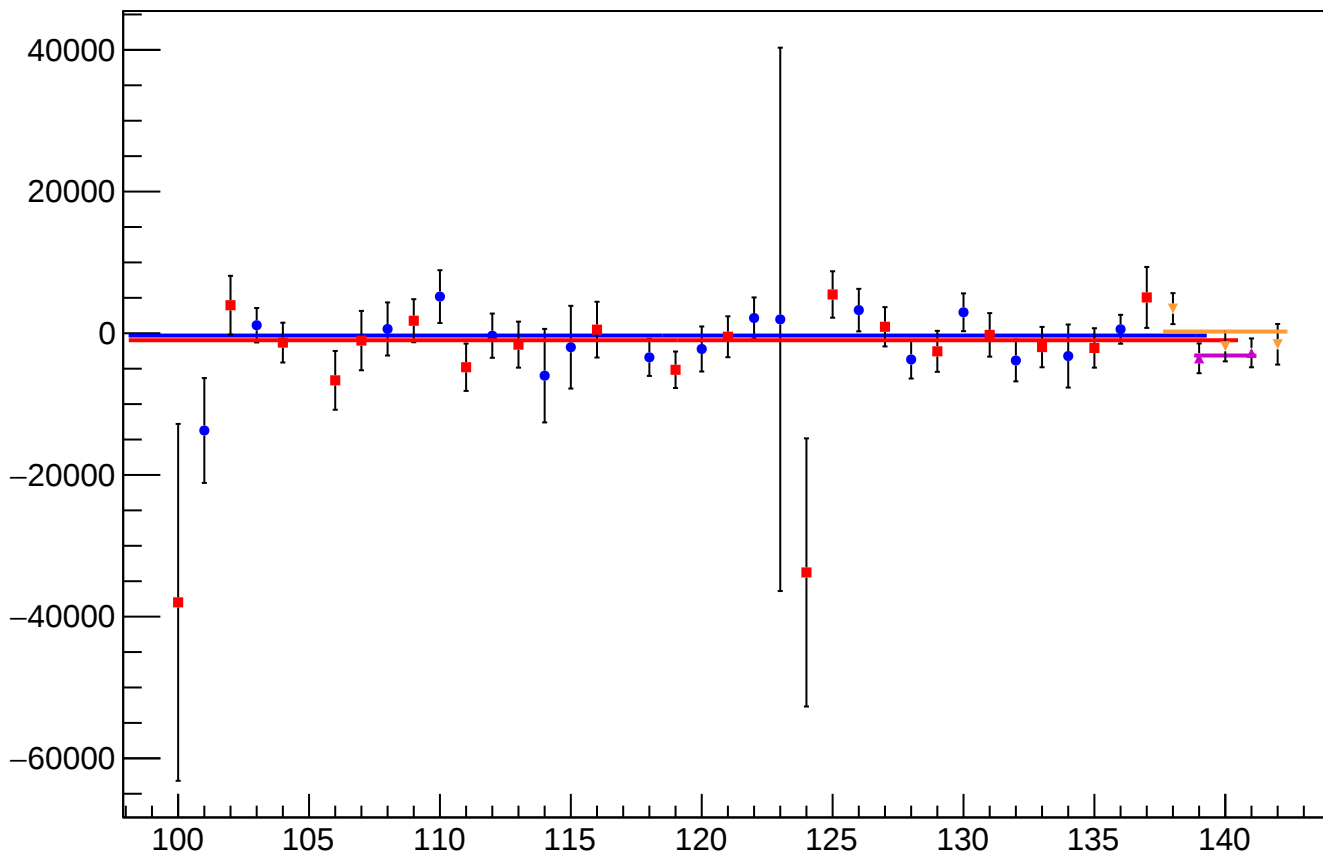
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2162.034+/-0.542 χ^2/NDF :711311.0/18

Out: 2196.203+/-0.530 χ^2/NDF :800058.0/21

All: 2179.495+/-0.379 χ^2/NDF : 1513402.8/40

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 243.613 ± 1347.646 χ^2/NDF : 3.5/2

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

Left In: -3140.834 ± 1462.694 χ^2/NDF : 0.1/1

Left: -1310.291 ± 991.110 χ^2/NDF : 6.5/4

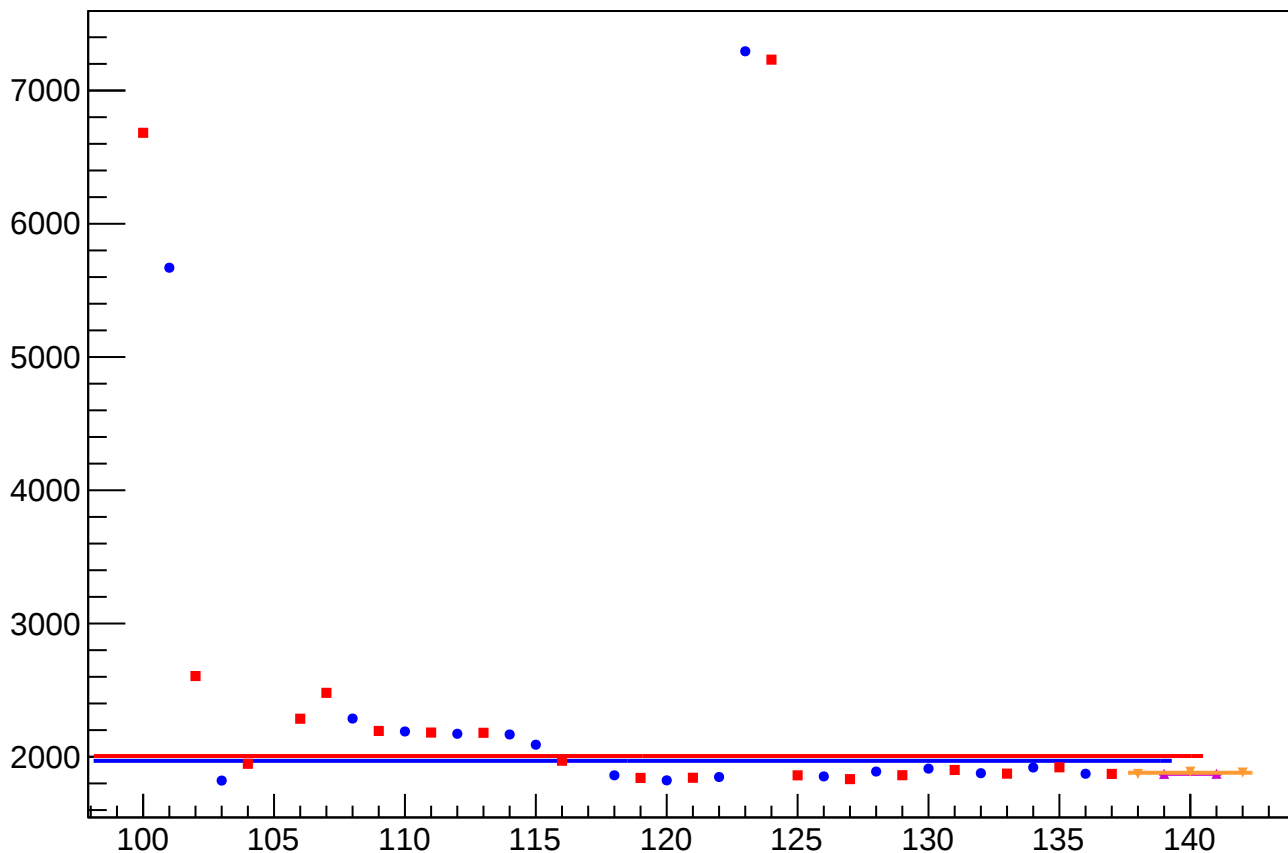
Right: -658.915 ± 547.776 χ^2/NDF : 36.4/35

In: -946.853 ± 687.918 χ^2/NDF : 18.7/18

Out: -683.345 ± 668.515 χ^2/NDF : 24.5/21

All: -811.330 ± 479.424 χ^2/NDF : 43.3/40

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1880.057+/-0.953 χ^2/NDF : 61.0/2

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

Left In: 1872.044+/-1.034 χ^2/NDF : 0.2/1

Left: 1876.378+/-0.701 χ^2/NDF : 93.7/4

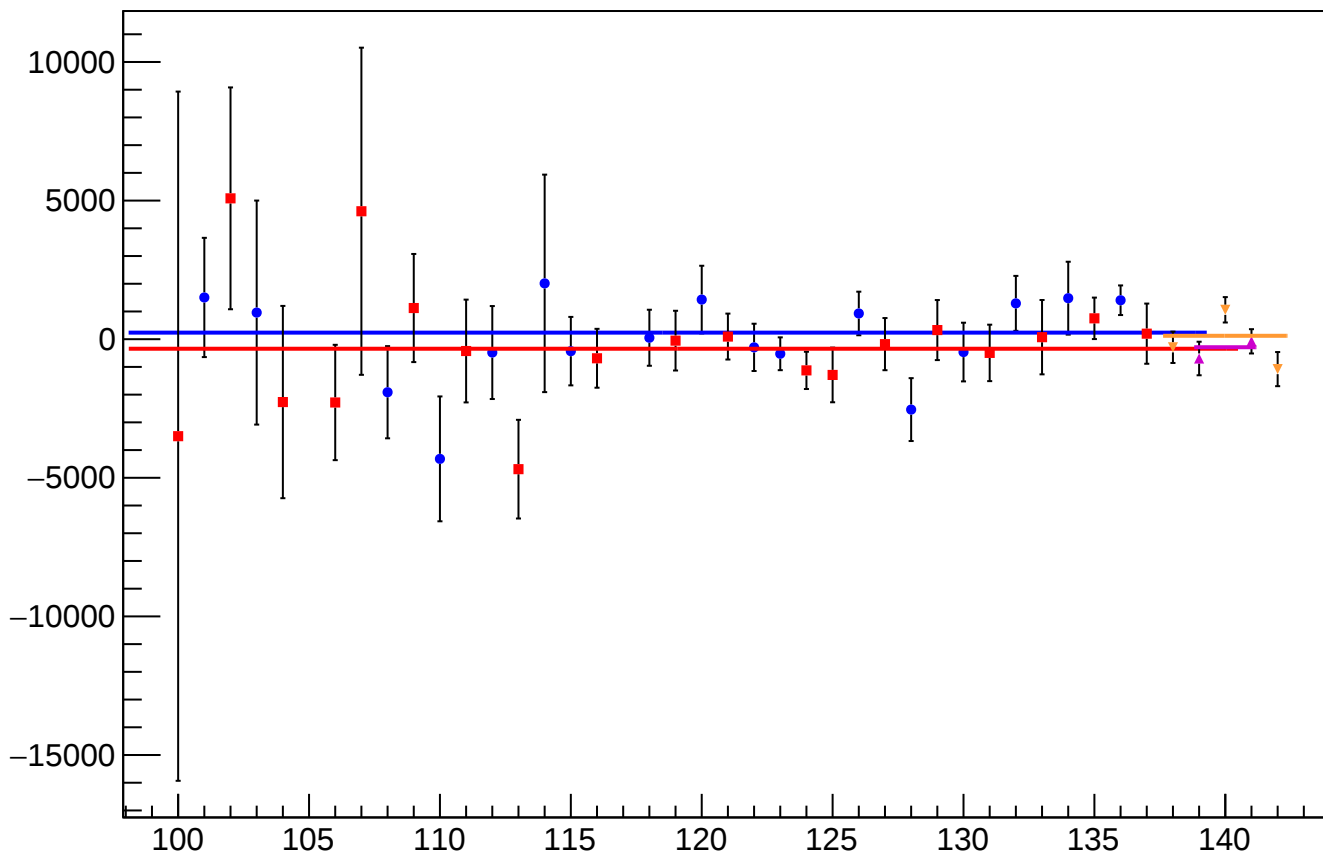
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1947.939+/-0.486 χ^2/NDF : 609724.5/18

Out: 1974.670+/-0.473 χ^2/NDF : 372781.2/21

All: 1961.687+/-0.339 χ^2/NDF : 984058.8/40

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 122.776 $\pm$ 308.091 χ^2 /NDF:8.5/2

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

Left In: -289.894 $\pm$ 354.807 χ^2 /NDF:0.7/1

Left: -54.621 $\pm$ 232.629 χ^2 /NDF: 10.0/4

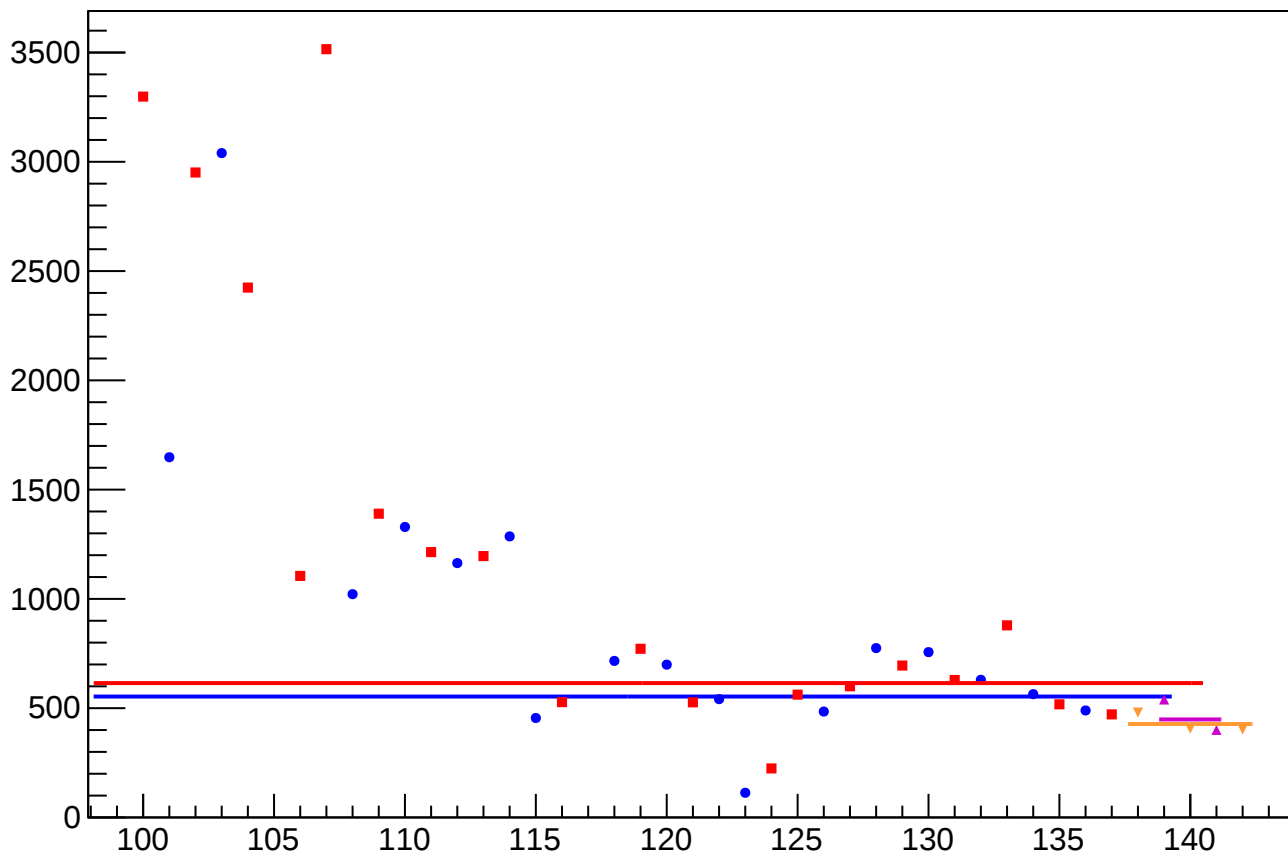
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 63.411 $\pm$ 203.600 χ^2 /NDF:26.0/18

Out: -142.650 $\pm$ 202.425 χ^2 /NDF:25.8/21

All: -40.216 $\pm$ 143.550 χ^2 /NDF: 52.4/40

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 427.444+/-0.218 χ^2/NDF : 24667.7/2

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

Left In: 448.508+/-0.251 χ^2/NDF : 69503.0/1

Left: 436.499+/-0.164 χ^2/NDF : 98189.4/4

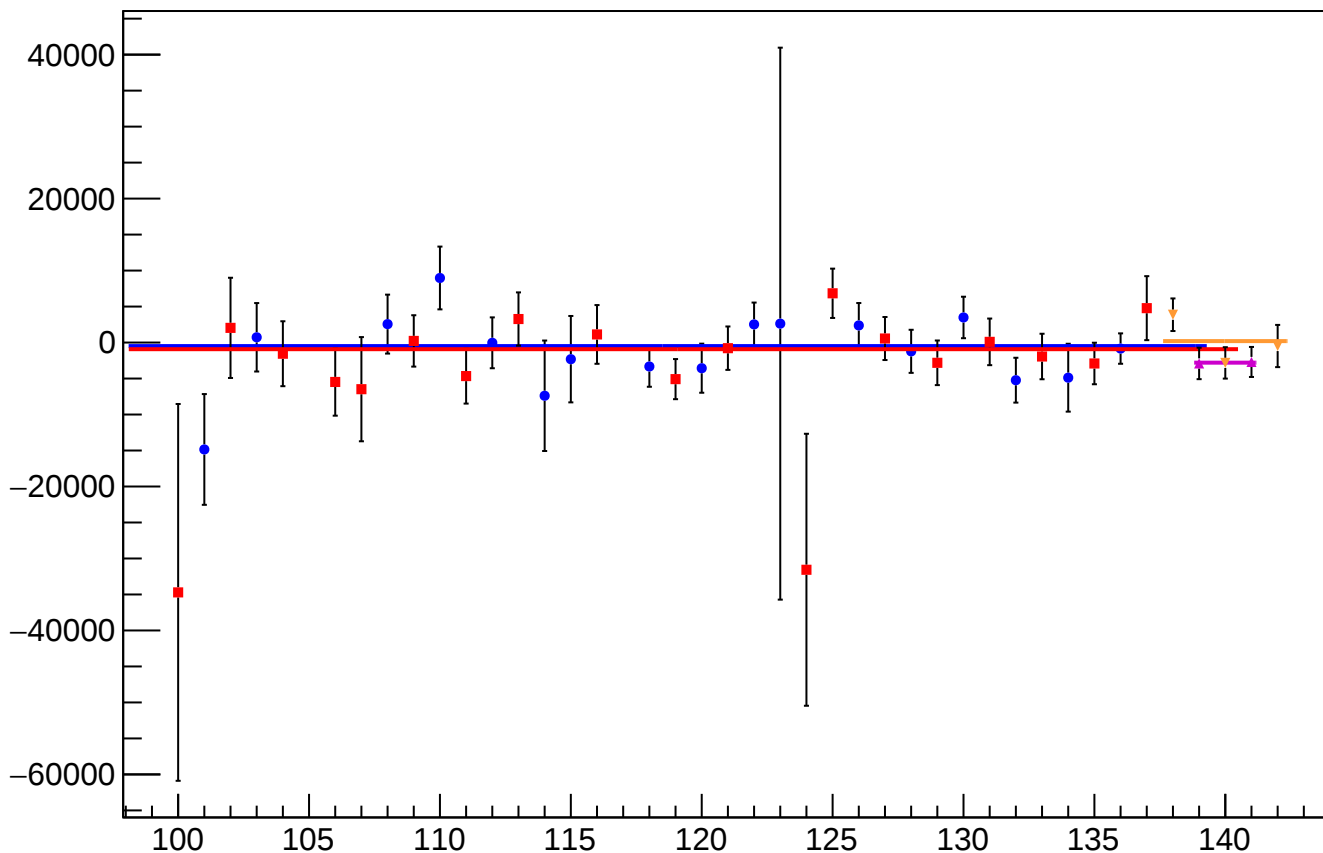
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 518.780+/-0.144 χ^2/NDF : 3599221.3/18

Out: 533.937+/-0.143 χ^2/NDF : 4014740.4/21

All: 526.402+/-0.102 χ^2/NDF : 7619535.8/40

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 200.477+/-1384.720 χ^2/NDF : 4.6/2

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

Left In: -2794.247+/-1508.268 χ^2/NDF : 0.0/1

Left: -1169.225+/-1020.031 χ^2/NDF : 6.7/4

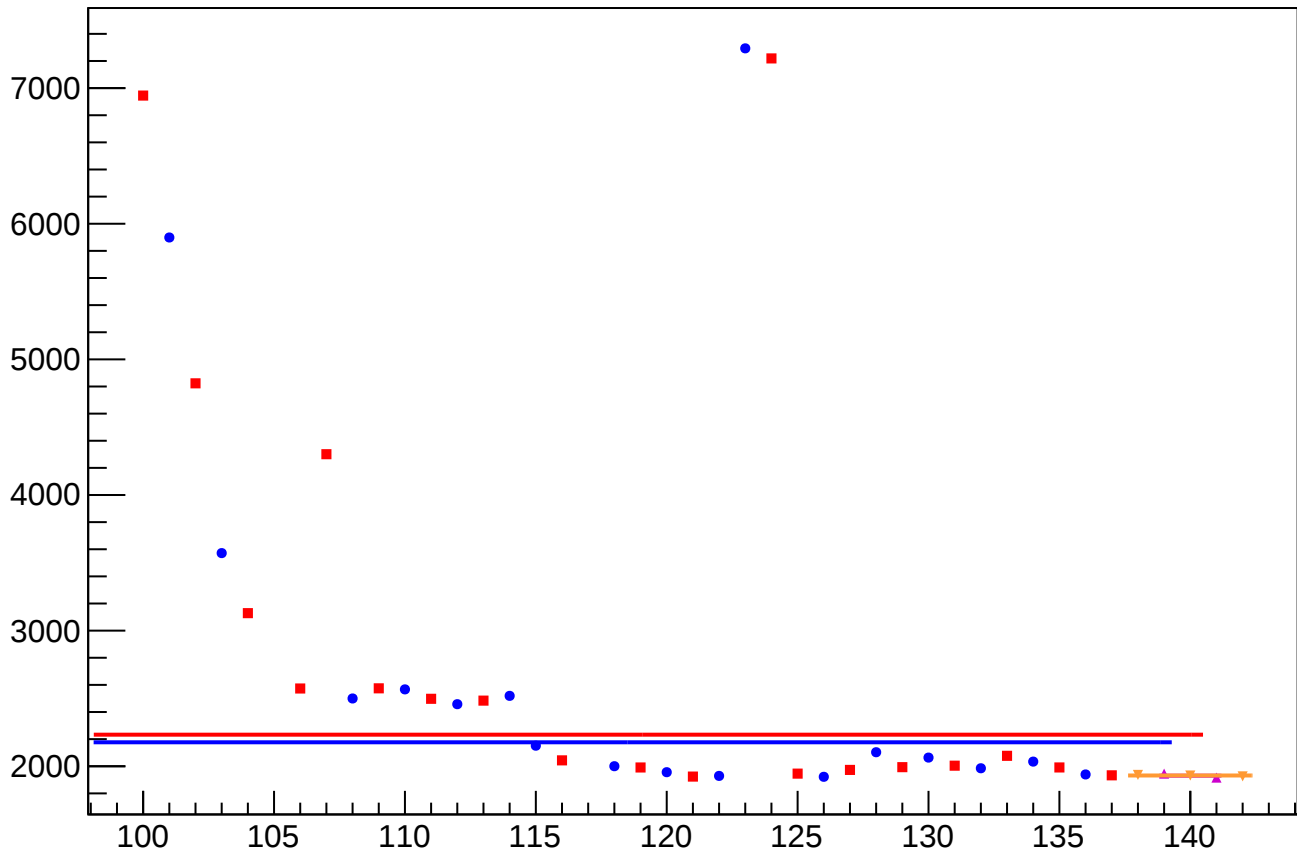
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -1064.730+/-752.306 χ^2/NDF : 20.3/18

Out: -604.949+/-735.856 χ^2/NDF : 24.0/21

All: -829.757+/-526.048 χ^2/NDF : 44.5/40

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746+/-0.614 χ^2/NDF : 802677.9/16

Left Out: 1931.988+/-0.979 χ^2/NDF :17.0/2

Right Out: 2232.883+/-0.614 χ^2/NDF : 890552.7/18

Left In: 1930.393+/-1.067 χ^2/NDF :187.9/1

Left: 1931.259+/-0.721 χ^2/NDF : 206.1/4

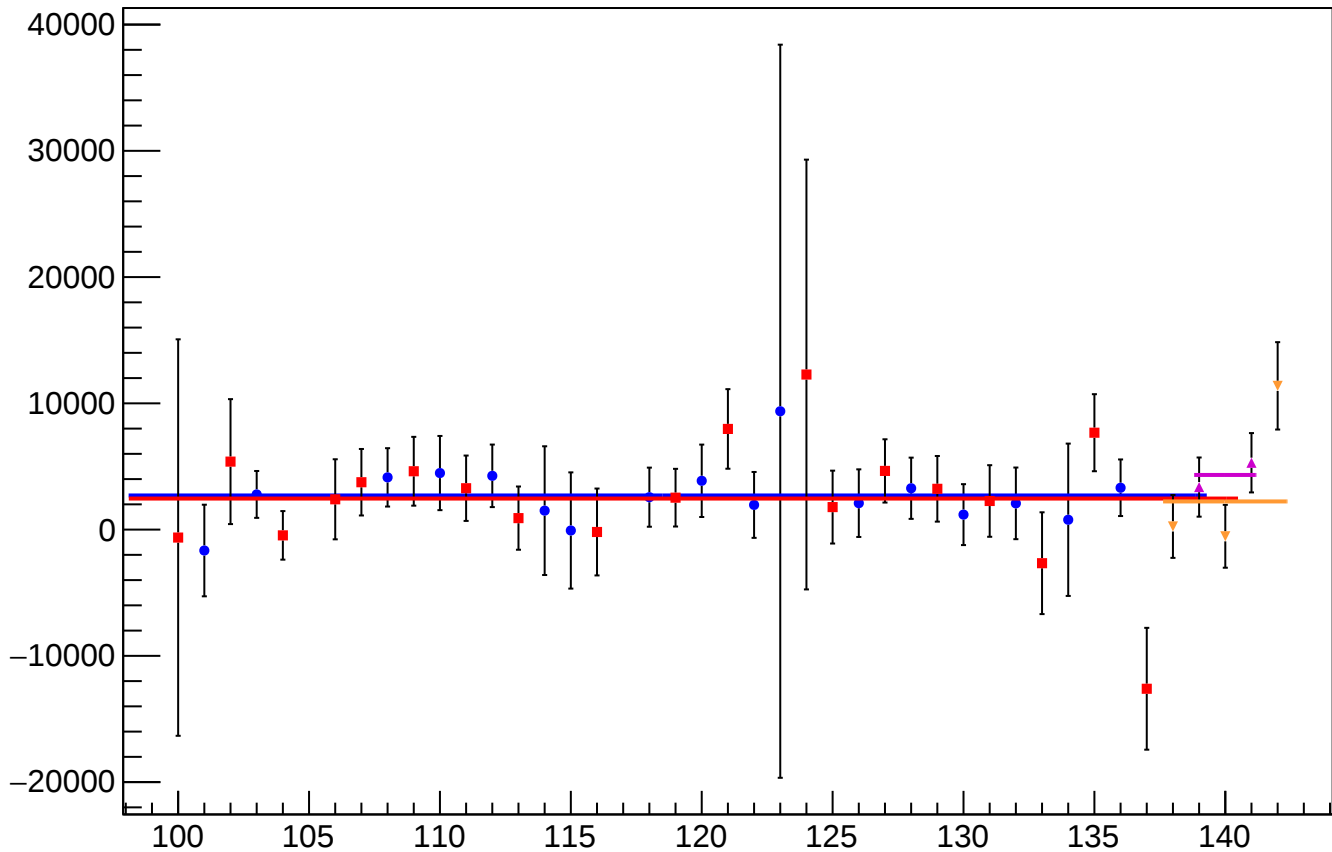
Right: 2204.793+/-0.434 χ^2/NDF : 1697410.2/35

In: 2115.456+/-0.532 χ^2/NDF :842948.0/18

Out: 2147.912+/-0.520 χ^2/NDF :958337.0/21

All: 2132.043+/-0.372 χ^2/NDF : 1803187.3/40

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 2230.386 $\pm$ 1569.253 χ^2 /NDF:8.9/2

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

Left In: 4328.186 $\pm$ 1659.304 χ^2 /NDF:0.3/1

Left: 3220.820 $\pm$ 1140.136 χ^2 /NDF: 10.0/4

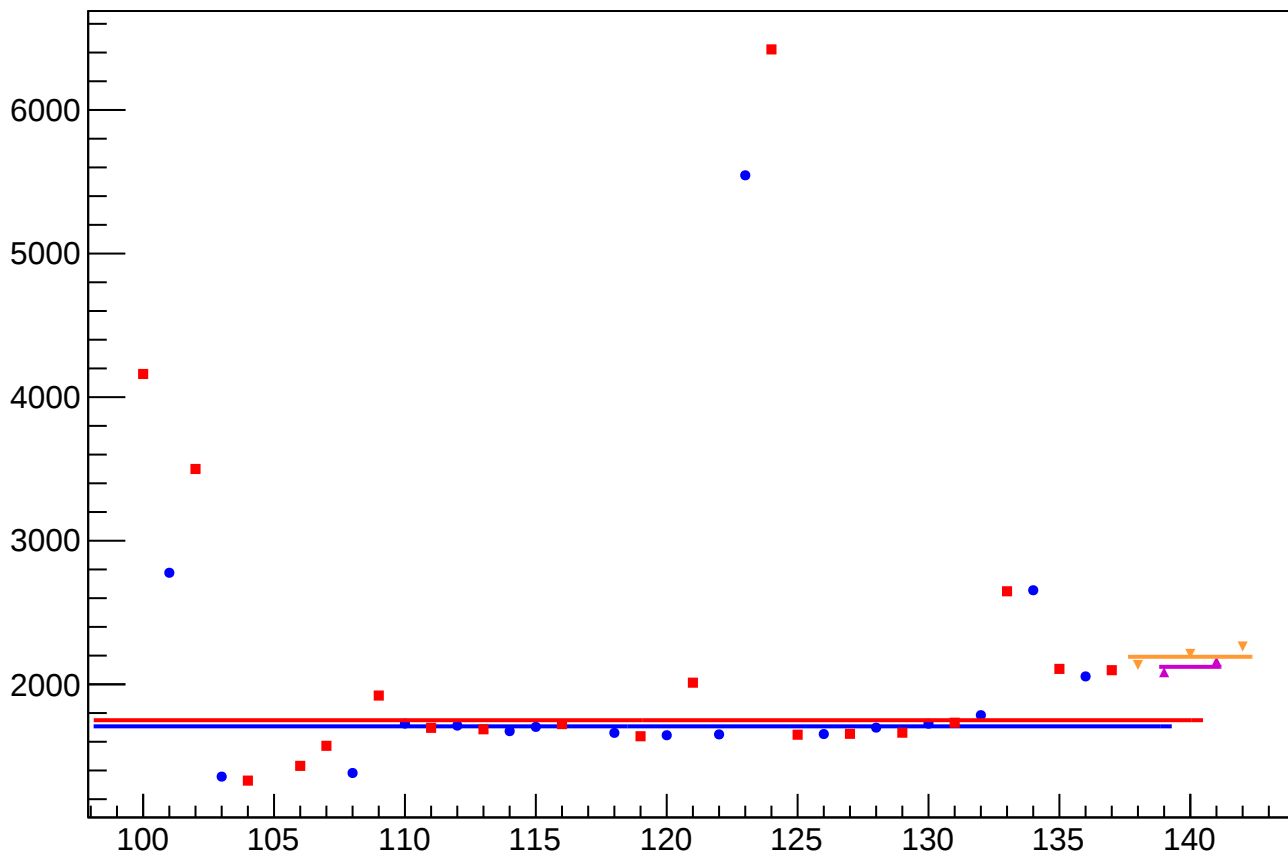
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 2933.546 $\pm$ 624.370 χ^2 /NDF:5.2/18

Out: 2422.399 $\pm$ 625.969 χ^2 /NDF:32.1/21

All: 2678.626 $\pm$ 442.061 χ^2 /NDF: 37.6/40

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386+/-0.477 χ^2/NDF : 422166.4/16

Left Out: 2191.864+/-1.110 χ^2/NDF : 2033.9/2

Right Out: 1750.114+/-0.483 χ^2/NDF : 746498.0/18

Left In: 2121.809+/-1.173 χ^2/NDF : 1024.8/1

Left: 2158.789+/-0.806 χ^2/NDF : 4940.6/4

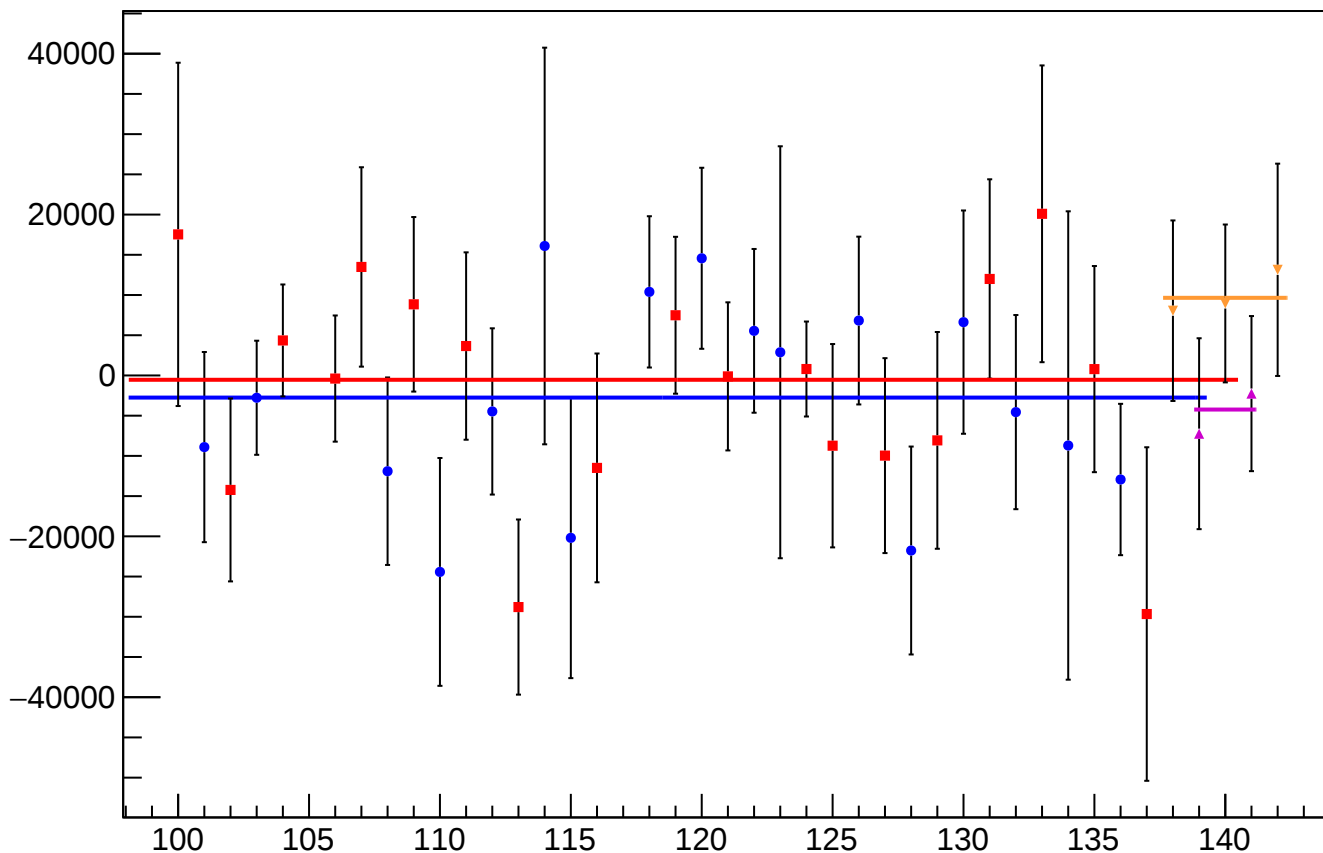
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1766.064+/-0.441 χ^2/NDF : 530283.9/18

Out: 1820.372+/-0.443 χ^2/NDF : 881813.4/21

All: 1793.155+/-0.313 χ^2/NDF : 1419645.5/40

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 9650.962+/-6446.074 χ^2/NDF : 0.1/2

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

Left In: -4238.599+/-7482.476 χ^2/NDF : 0.1/1

Left: 3733.992+/-4883.720 χ^2/NDF : 2.2/4

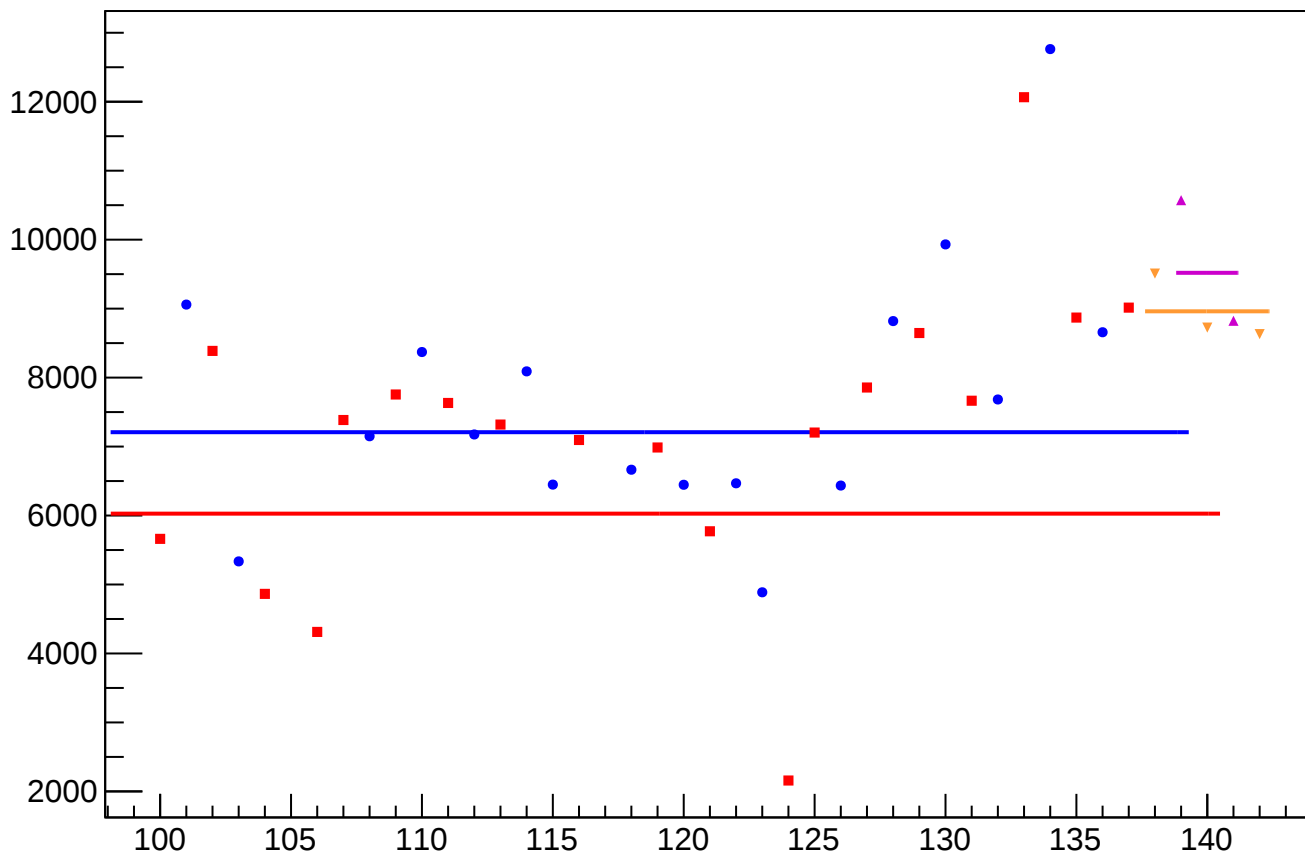
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: -2938.356+/-2657.139 χ^2/NDF : 14.7/18

Out: 724.805+/-2269.685 χ^2/NDF : 20.8/21

All: -820.468+/-1725.794 χ^2/NDF : 36.6/40

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8960.965+/-4.558 χ^2/NDF : 7166.5/2

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

Left In: 9519.233+/-5.291 χ^2/NDF : 26163.8/1

Left: 9198.788+/-3.453 χ^2/NDF : 39720.8/4

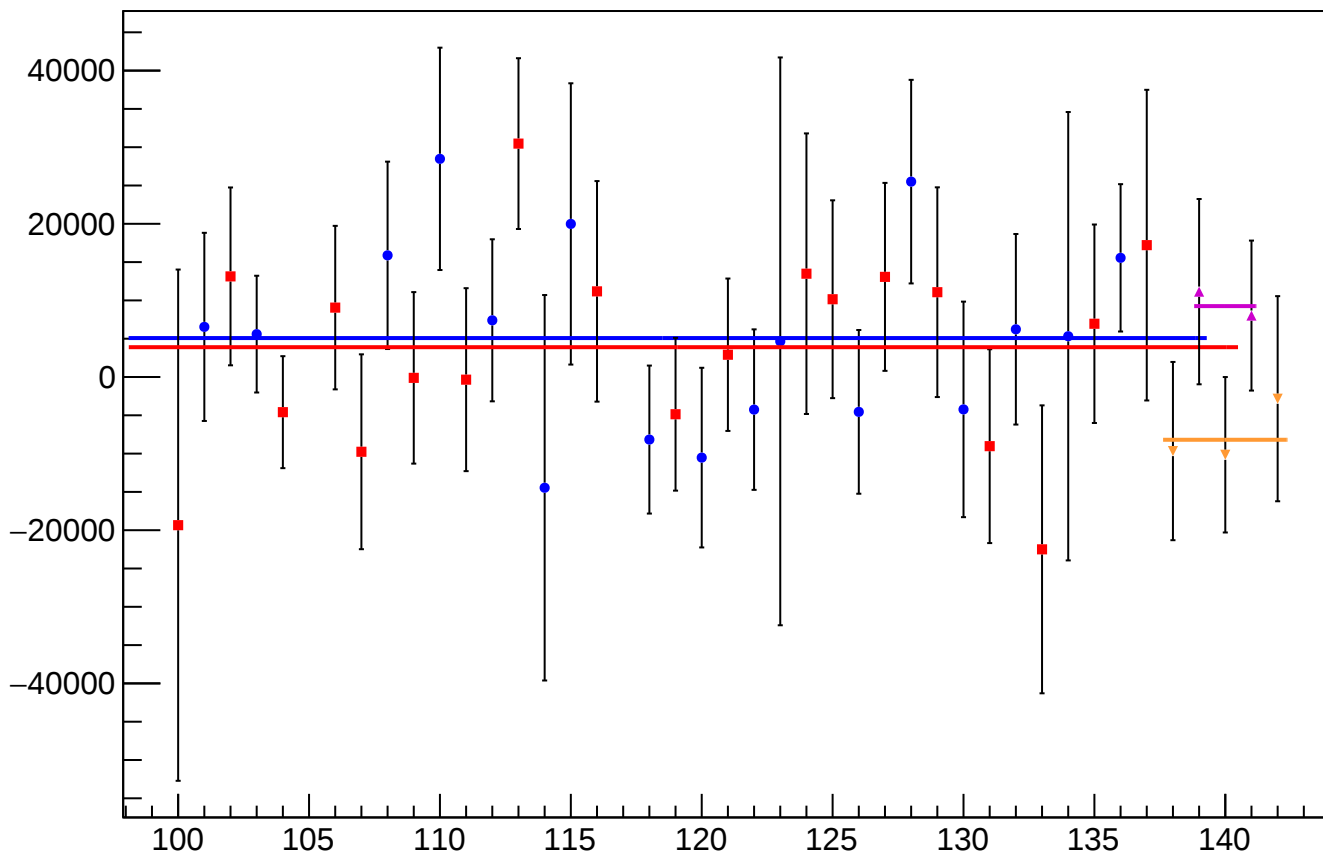
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 7499.764+/-1.879 χ^2/NDF : 686621.2/18

Out: 6391.102+/-1.605 χ^2/NDF : 2168188.1/21

All: 6858.782+/-1.220 χ^2/NDF : 3056110.5/40

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -8193.823+/-6640.480 χ^2/NDF : 0.2/2

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

Left In: 9255.467+/-7609.885 χ^2/NDF : 0.0/1

Left: -650.727+/-5003.386 χ^2/NDF : 3.2/4

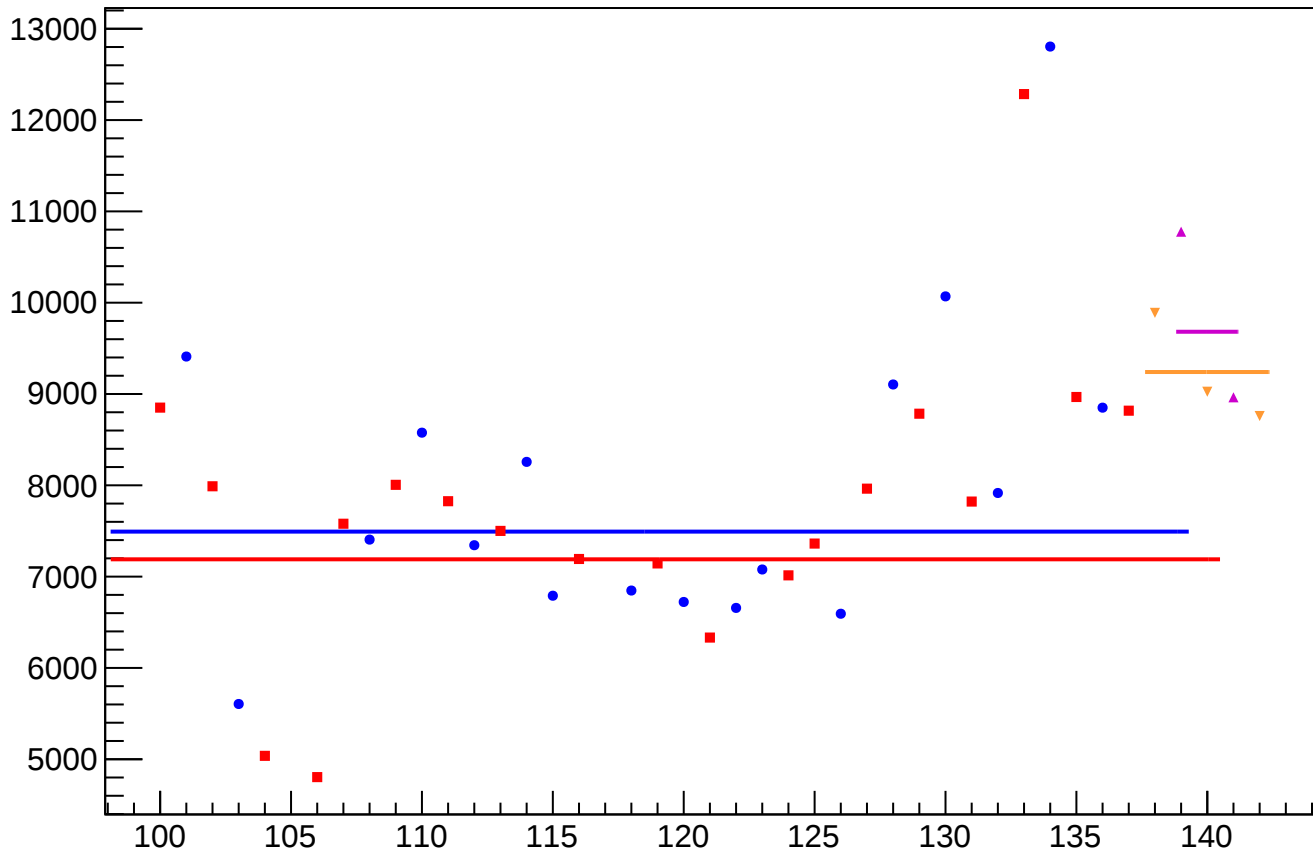
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 5631.204+/-2754.810 χ^2/NDF : 14.3/18

Out: 2078.347+/-2572.404 χ^2/NDF : 18.7/21

All: 3733.267+/-1880.145 χ^2/NDF : 33.9/40

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9240.798+/-4.696 χ^2/NDF : 9697.6/2

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

Left In: 9681.755+/-5.381 χ^2/NDF : 27166.9/1

Left: 9431.418+/-3.538 χ^2/NDF : 40676.8/4

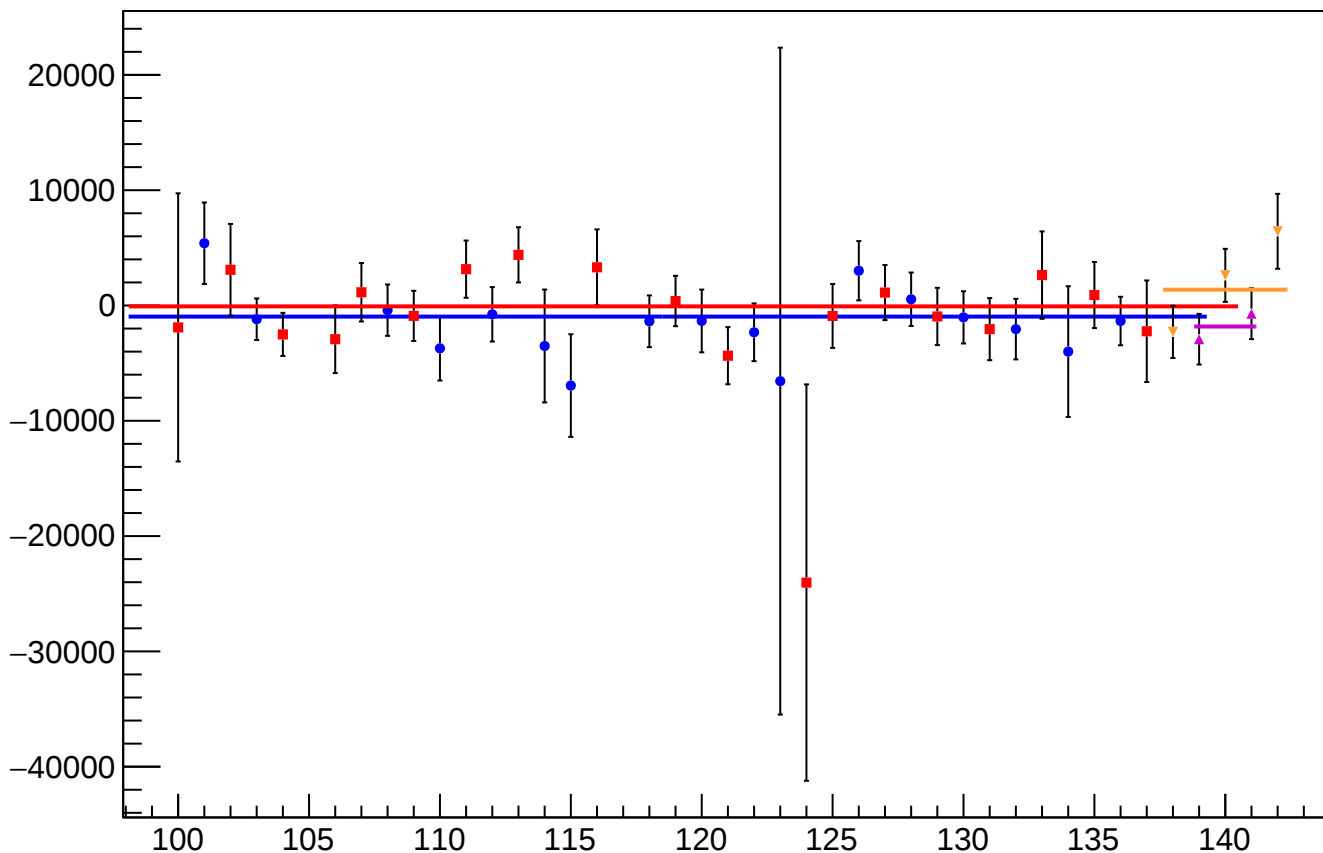
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 7779.746+/-1.948 χ^2/NDF : 608031.7/18

Out: 7497.265+/-1.819 χ^2/NDF : 732805.8/21

All: 7628.832+/-1.329 χ^2/NDF : 1352072.8/40

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 1371.698+/-1444.873 χ^2/NDF : 5.3/2

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

Left In: -1822.370+/-1556.650 χ^2/NDF : 0.5/1

Left: -106.554+/-1058.993 χ^2/NDF : 8.1/4

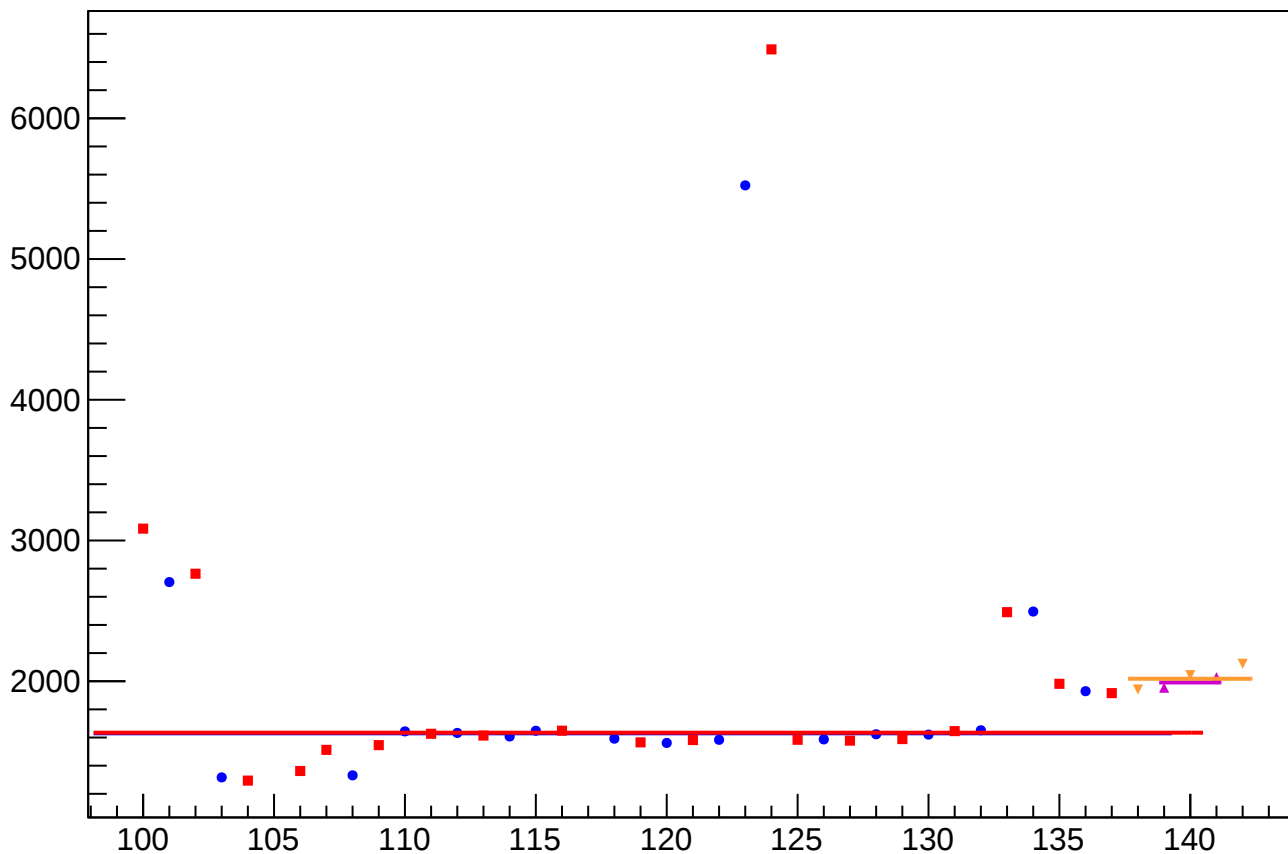
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -1087.873+/-594.315 χ^2/NDF : 10.8/18

Out: 156.789+/-580.171 χ^2/NDF : 22.9/21

All: -450.555+/-415.153 χ^2/NDF : 36.0/40

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2017.568+/-1.022 χ^2/NDF : 4675.8/2

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

Left In: 1991.259+/-1.101 χ^2/NDF : 1156.3/1

Left: 2005.392+/-0.749 χ^2/NDF : 6139.0/4

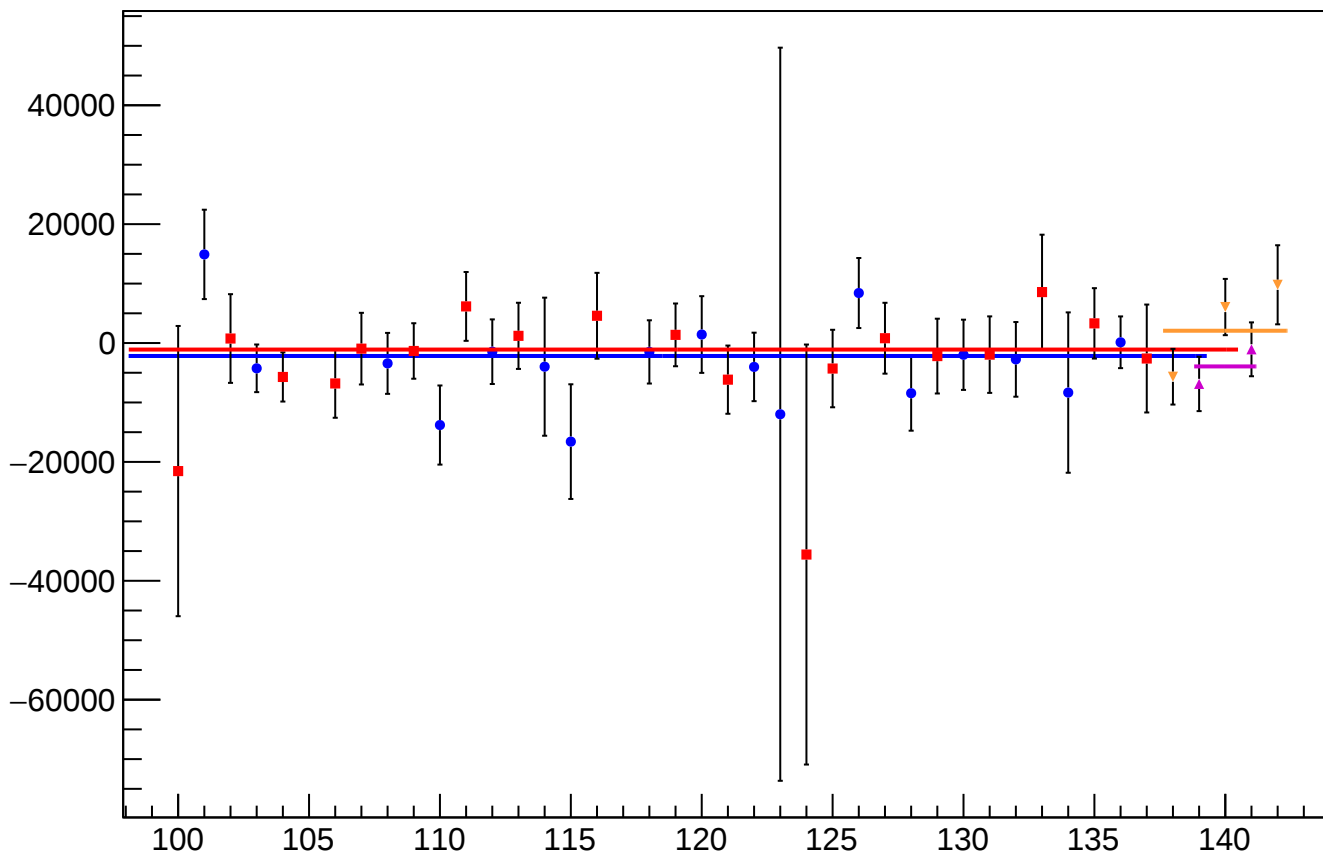
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1682.619+/-0.420 χ^2/NDF : 501347.6/18

Out: 1696.060+/-0.410 χ^2/NDF : 711388.4/21

All: 1689.501+/-0.294 χ^2/NDF : 1213259.7/40

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2067.709+/-2977.043 χ^2/NDF : 4.8/2

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

Left In: -3935.701+/-3220.660 χ^2/NDF : 0.8/1

Left: -698.381+/-2186.145 χ^2/NDF : 7.5/4

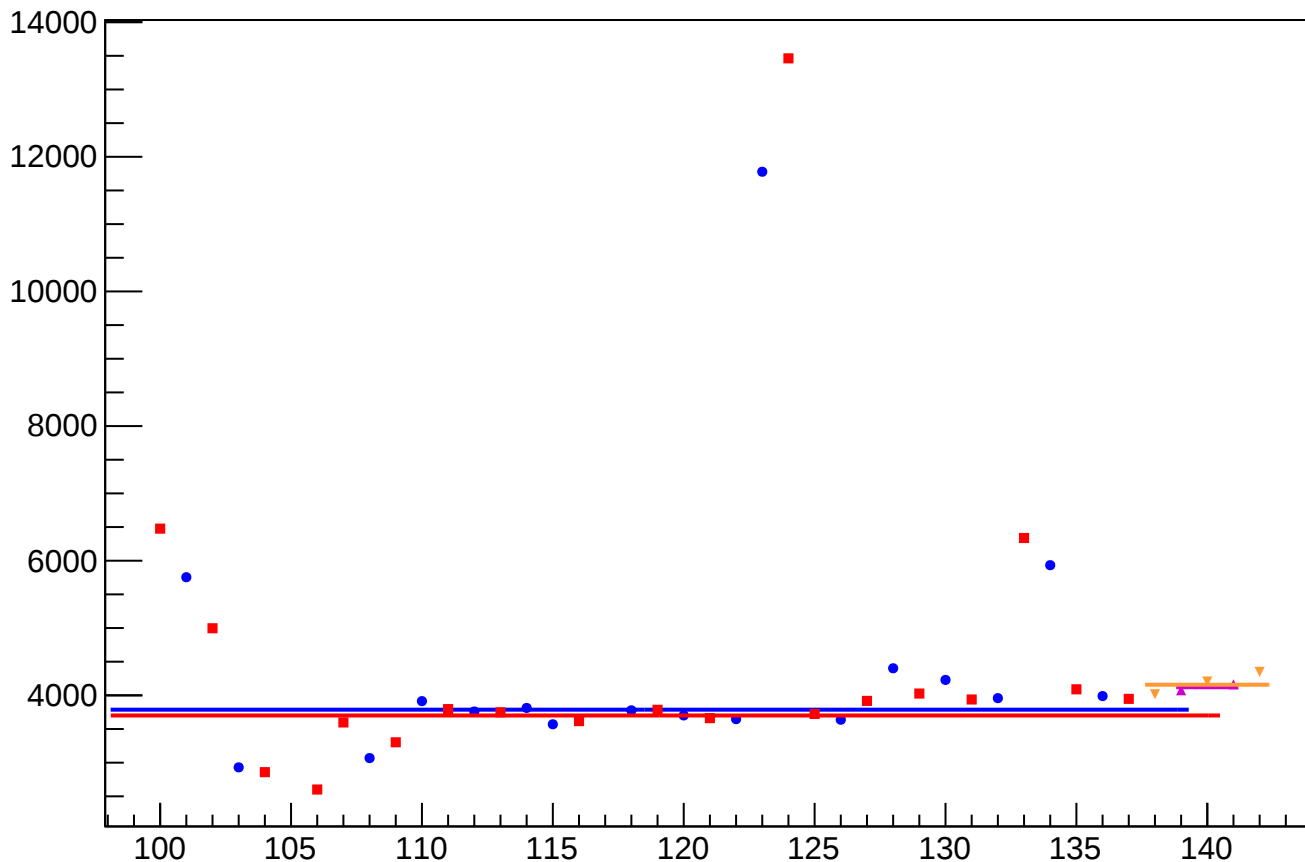
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -2489.943+/-1354.554 χ^2/NDF : 17.0/18

Out: -498.165+/-1296.184 χ^2/NDF : 15.0/21

All: -1450.216+/-936.496 χ^2/NDF : 33.2/40

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4157.773+/-2.105 χ^2/NDF : 3668.0/2

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

Left In: 4120.430+/-2.277 χ^2/NDF : 378.1/1

Left: 4140.567+/-1.546 χ^2/NDF : 4191.1/4

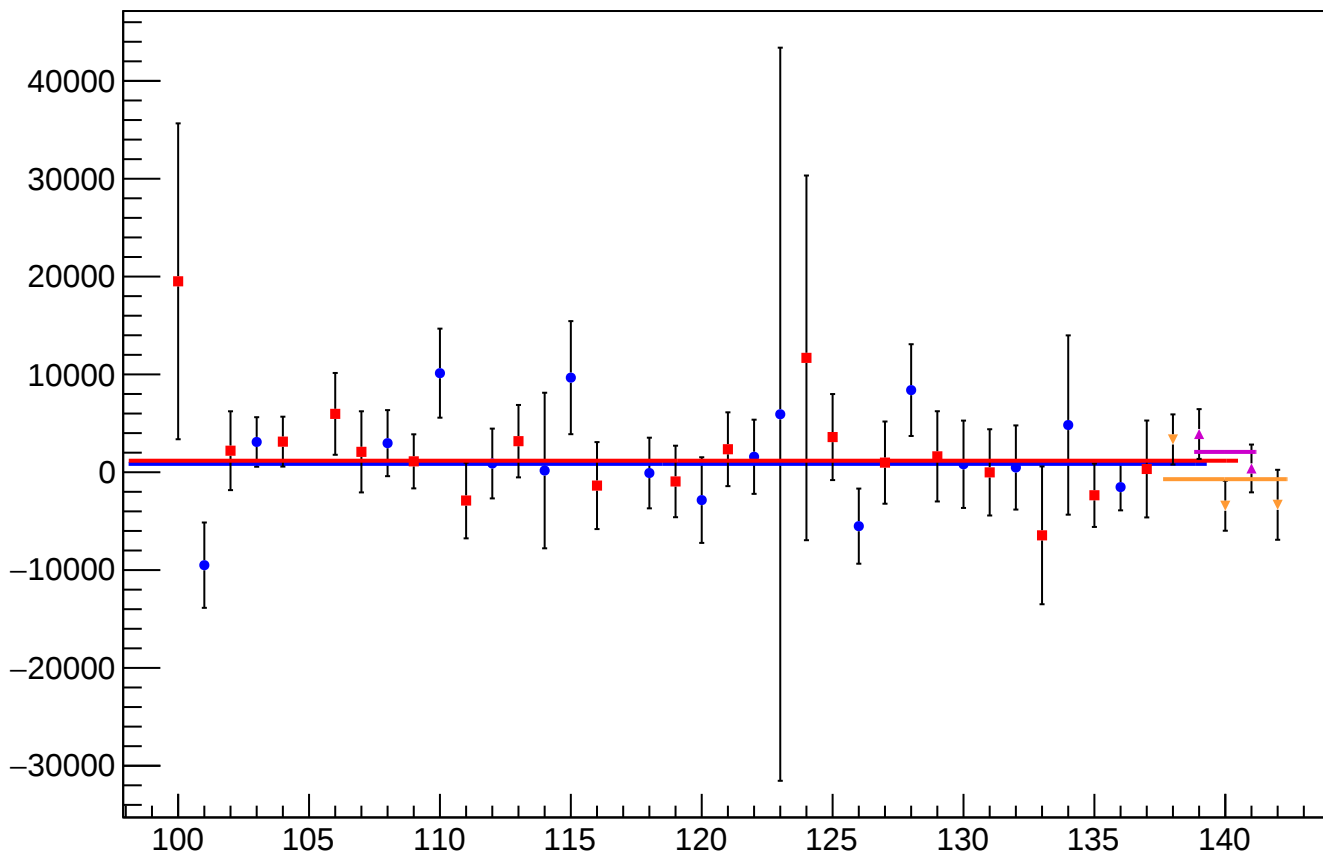
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3846.228+/-0.958 χ^2/NDF : 410641.4/18

Out: 3787.531+/-0.917 χ^2/NDF : 622931.8/21

All: 3815.587+/-0.662 χ^2/NDF : 1035533.7/40

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -707.917+/-1614.137 χ^2/NDF : 4.2/2

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

Left In: 2077.237+/-1761.552 χ^2/NDF : 1.0/1

Left: 563.265+/-1190.076 χ^2/NDF : 6.5/4

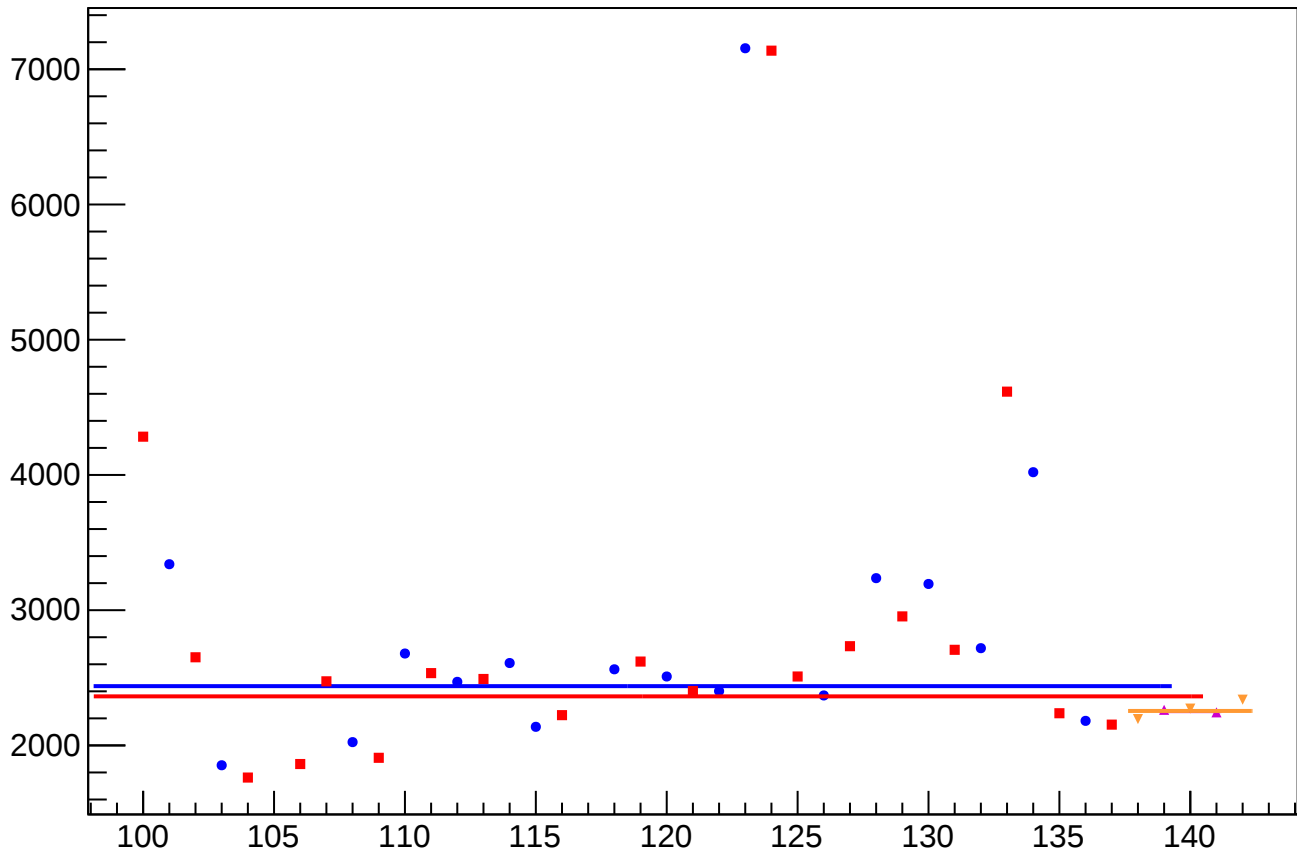
Right: 1023.765+/-667.934 χ^2/NDF : 29.3/35

In: 1137.923+/-846.156 χ^2/NDF : 22.0/18

Out: 711.299+/-802.997 χ^2/NDF : 13.8/21

All: 913.454+/-582.465 χ^2/NDF : 35.9/40

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2254.874 ± 1.141 $\chi^2/\text{NDF}: 2280.4/2$

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

Left In: 2253.515 ± 1.246 $\chi^2/\text{NDF}: 56.2/1$

Left: 2254.254 ± 0.842 $\chi^2/\text{NDF}: 2337.3/4$

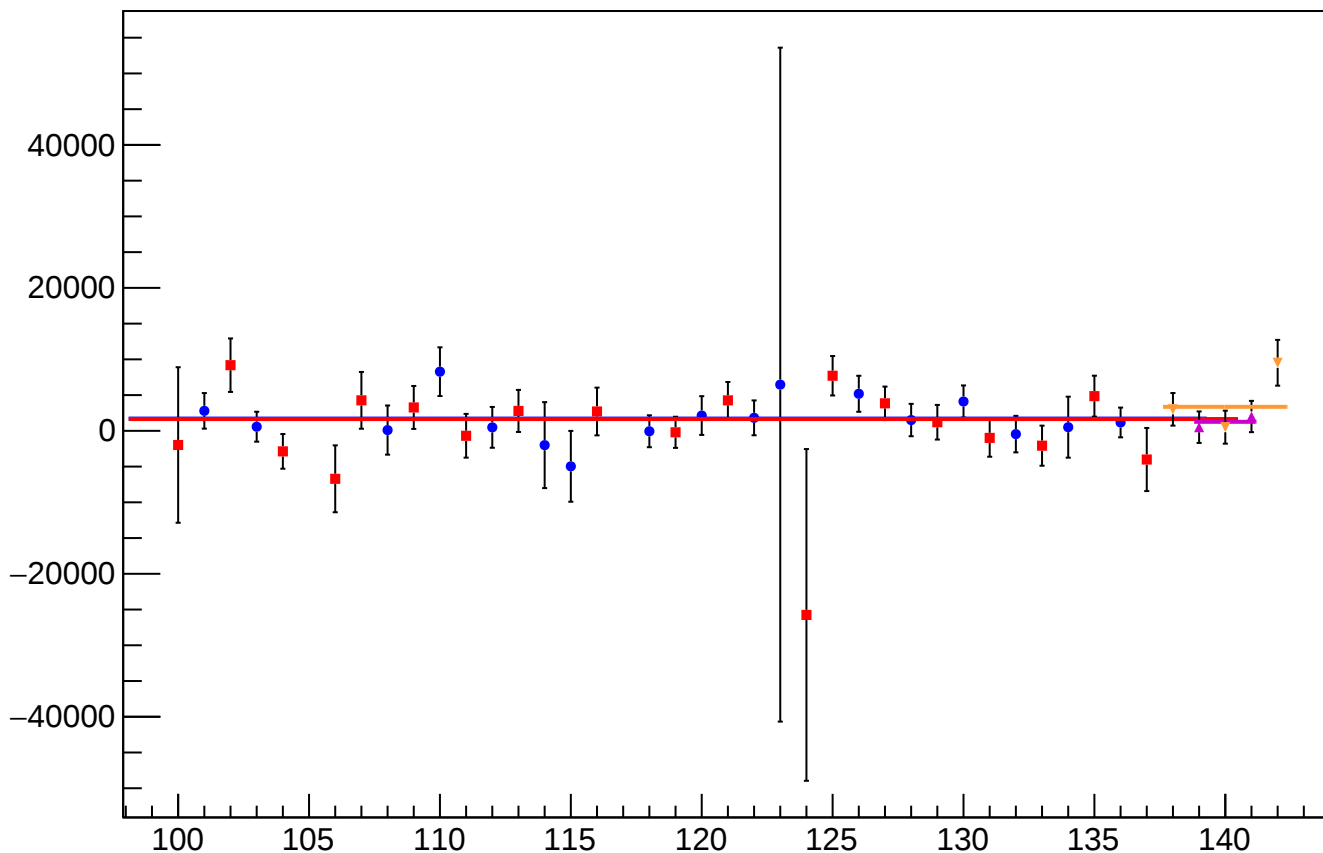
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2395.645 ± 0.598 $\chi^2/\text{NDF}: 493704.8/18$

Out: 2336.045 ± 0.568 $\chi^2/\text{NDF}: 666526.5/21$

All: 2364.286 ± 0.412 $\chi^2/\text{NDF}: 1165452.2/40$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 3360.774+/-1447.672 χ^2/NDF : 5.2/2

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

Left In: 1262.754+/-1552.491 χ^2/NDF : 0.2/1

Left: 2384.975+/-1058.777 χ^2/NDF : 6.4/4

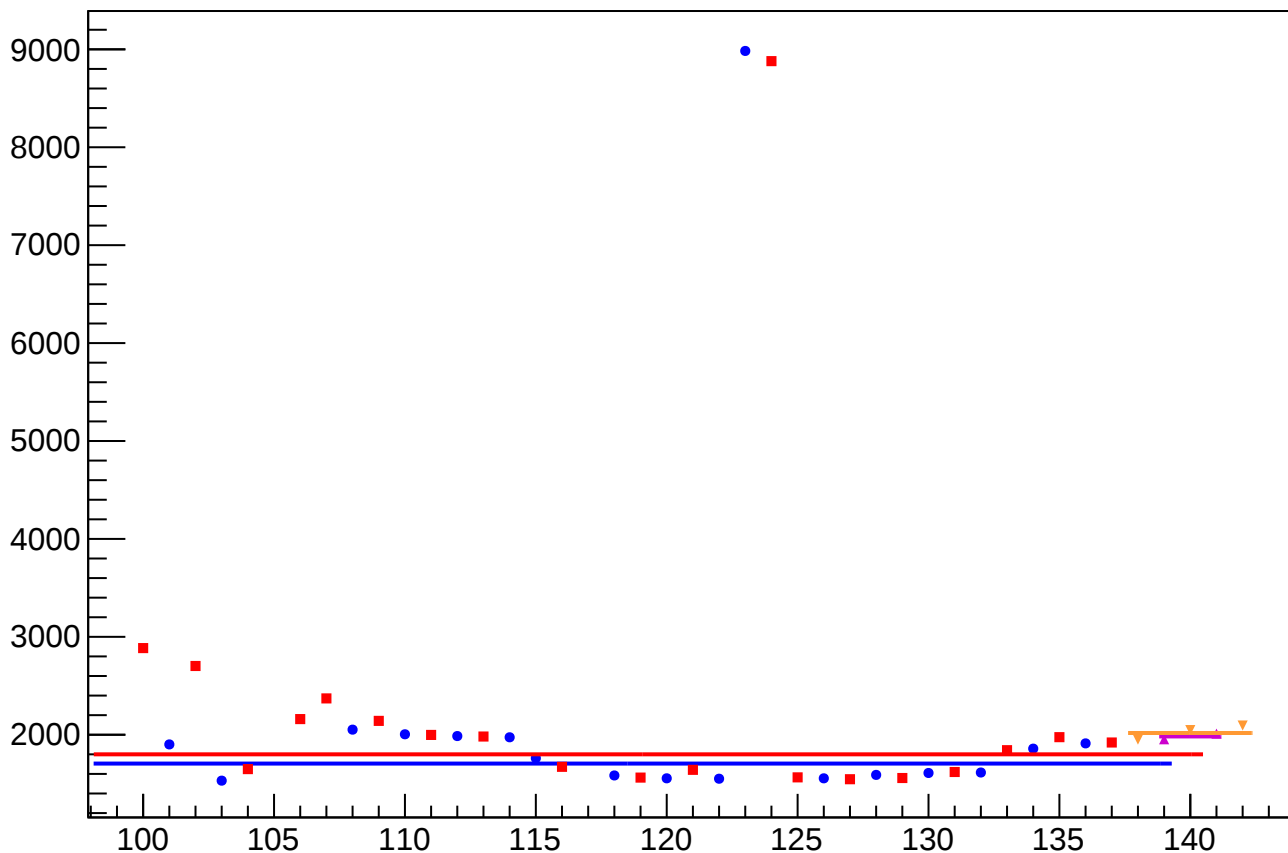
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 1642.449+/-612.950 χ^2/NDF : 11.7/18

Out: 1970.328+/-626.013 χ^2/NDF : 33.3/21

All: 1802.932+/-437.967 χ^2/NDF : 45.1/40

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2017.955+/-1.024 χ^2/NDF : 3213.1/2

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

Left In: 1982.727+/-1.098 χ^2/NDF : 685.4/1

Left: 2001.570+/-0.749 χ^2/NDF : 4449.3/4

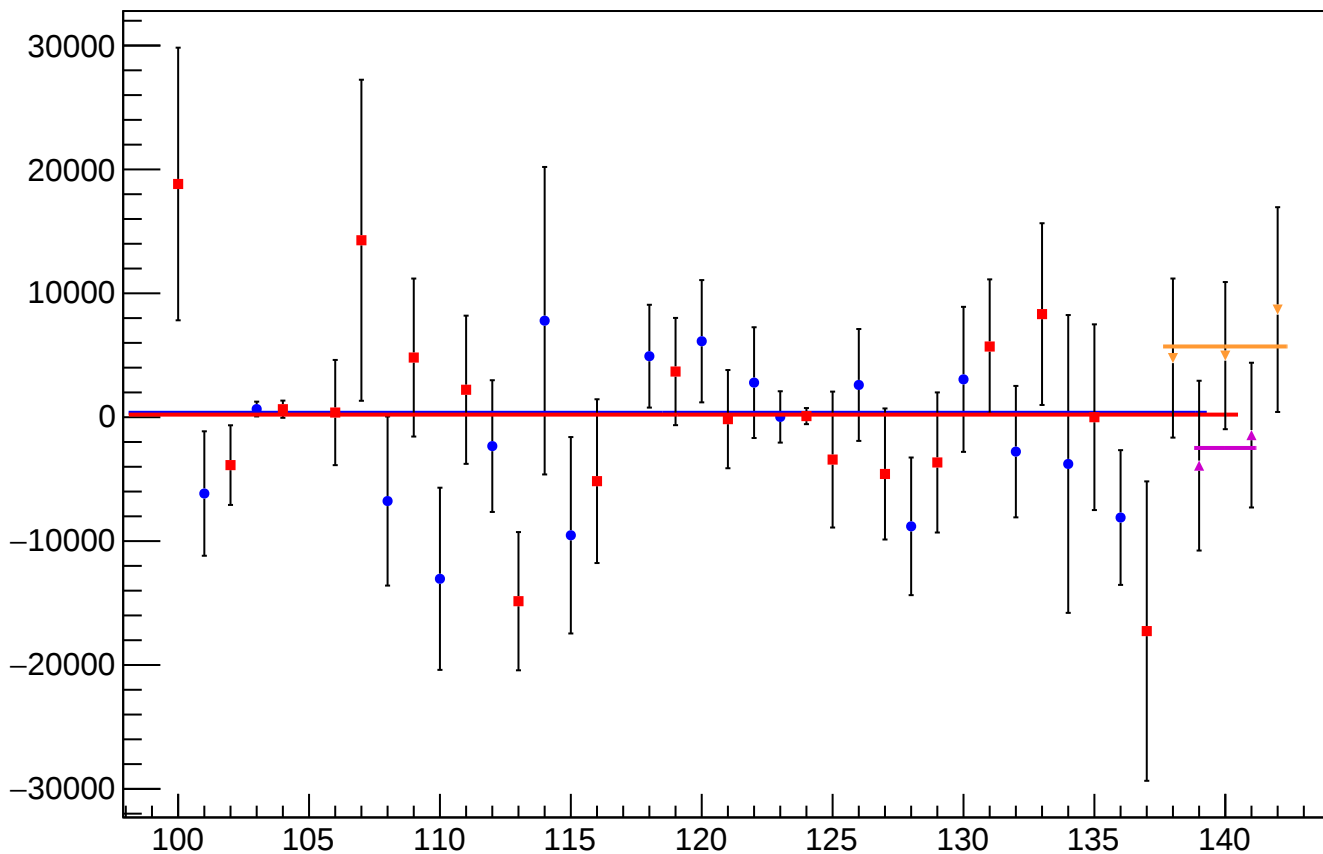
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1748.819+/-0.433 χ^2/NDF : 248644.1/18

Out: 1840.605+/-0.442 χ^2/NDF : 578882.4/21

All: 1793.826+/-0.309 χ^2/NDF : 849517.1/40

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 5709.206+/-3856.205 χ^2/NDF : 0.2/2

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

Left In: -2482.131+/-4445.548 χ^2/NDF : 0.1/1

Left: 2192.125+/-2912.990 χ^2/NDF : 2.2/4

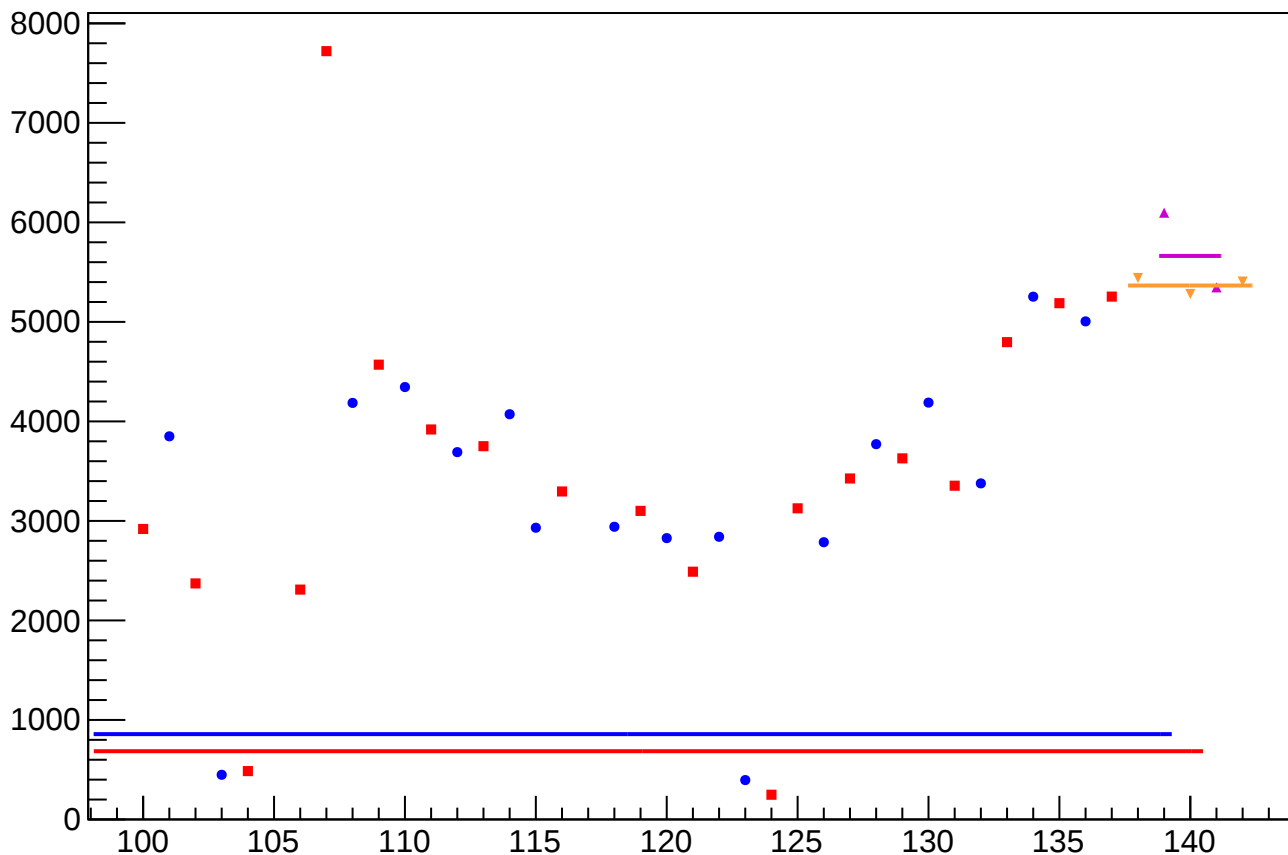
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

In: 316.759+/-529.415 χ^2/NDF : 18.0/18

Out: 282.700+/-443.661 χ^2/NDF : 23.6/21

All: 296.751+/-340.044 χ^2/NDF : 41.5/40

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 5365.632+/-2.727 χ^2/NDF : 734.7/2

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

Left In: 5662.846+/-3.143 χ^2/NDF : 13882.6/1

Left: 5493.246+/-2.060 χ^2/NDF : 19718.4/4

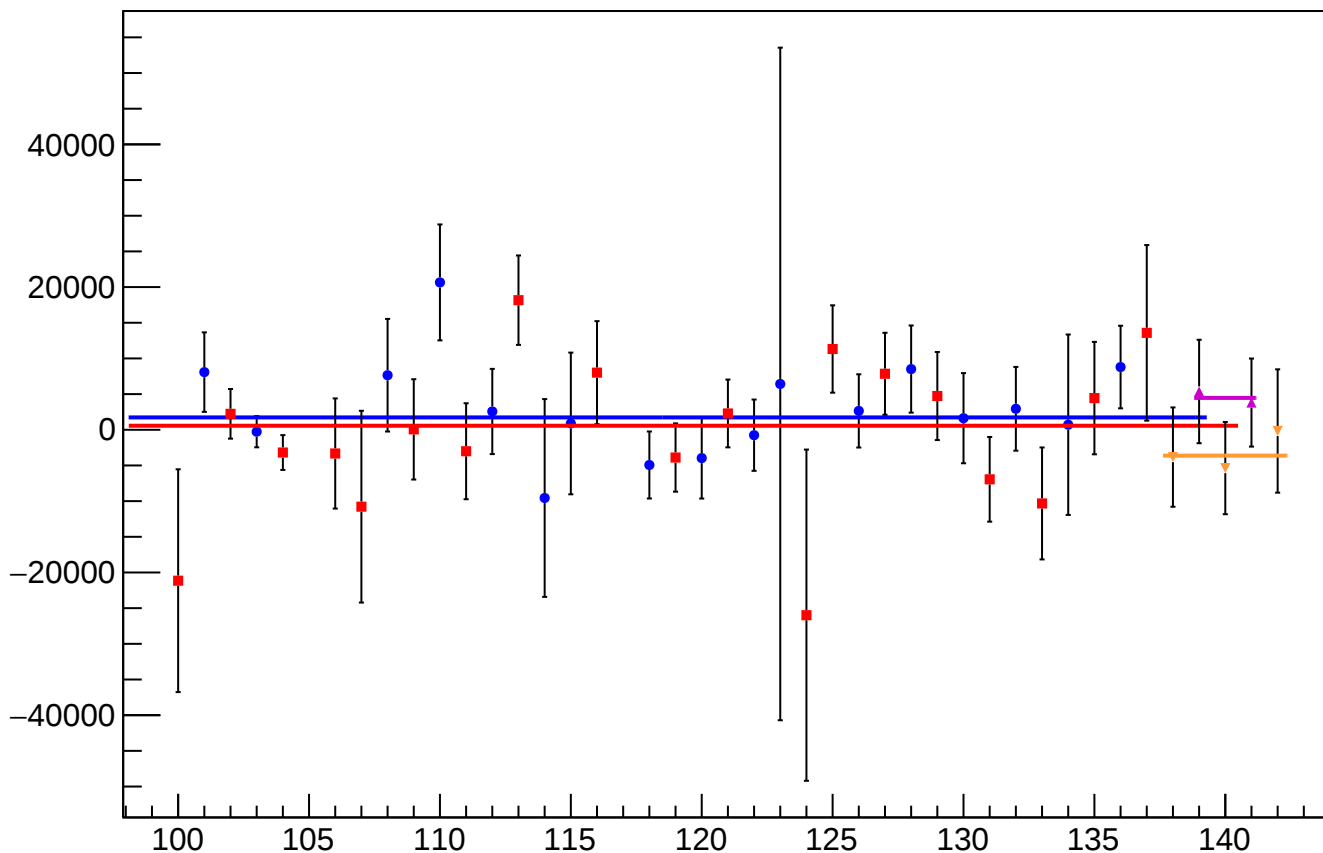
Right: 756.584+/-0.242 χ^2/NDF : 17758209.4/35

In: 925.622+/-0.374 χ^2/NDF : 10492868.1/18

Out: 747.746+/-0.314 χ^2/NDF : 12368434.6/21

All: 821.129+/-0.240 χ^2/NDF : 22993932.5/40

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -3621.439+/-4152.581 χ^2/NDF : 0.2/2

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

Left In: 4467.369+/-4699.167 χ^2/NDF : 0.0/1

Left: -74.613+/-3111.706 χ^2/NDF : 1.9/4

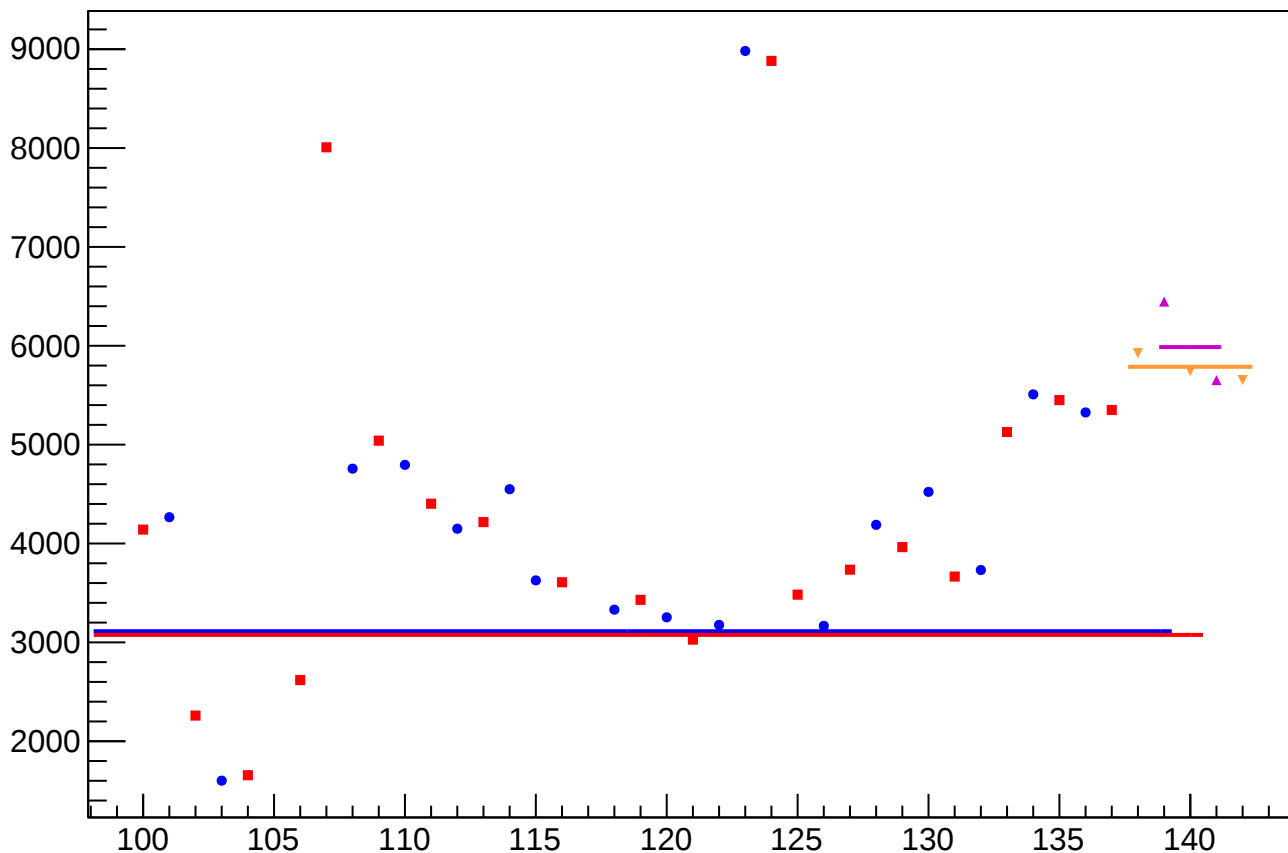
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1928.925+/-1257.061 χ^2/NDF : 15.2/18

Out: 200.371+/-1228.711 χ^2/NDF : 28.2/21

All: 1044.937+/-878.682 χ^2/NDF : 44.5/40

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5787.657+/-2.936 χ^2/NDF :1348.7/2

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

Left In: 5986.911+/-3.323 χ^2/NDF :13935.5/1

Left: 5875.027+/-2.200 χ^2/NDF : 17303.4/4

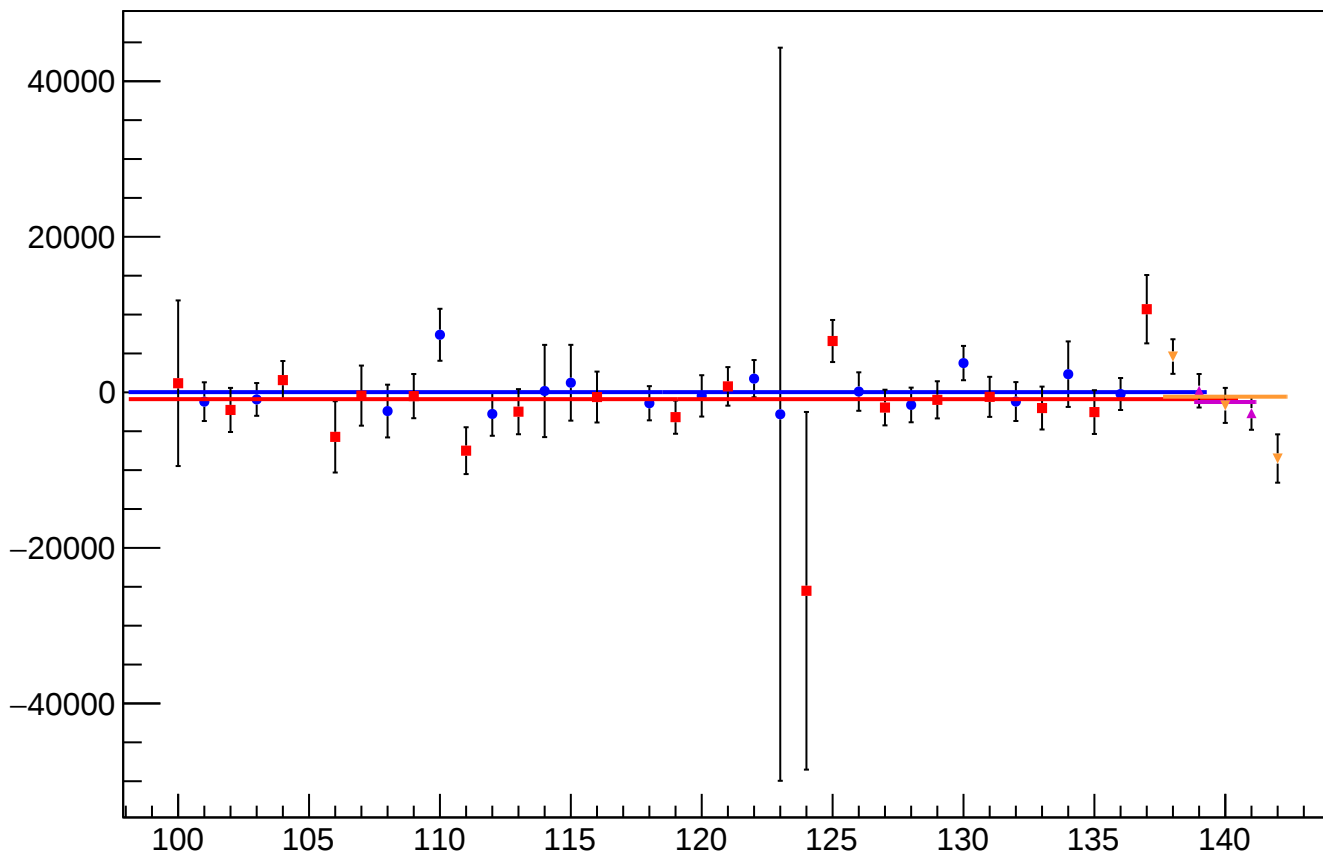
Right: 3093.663+/-0.643 χ^2/NDF : 3896339.1/35

In: 3318.364+/-0.889 χ^2/NDF :2593125.8/18

Out: 3306.893+/-0.857 χ^2/NDF :2792649.5/21

All: 3312.422+/-0.617 χ^2/NDF : 5385861.5/40

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -558.962+/-1410.054 χ^2/NDF :12.2/2

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

Left In: -1241.618+/-1519.146 χ^2/NDF :0.9/1

Left: -874.901+/-1033.475 χ^2/NDF : 13.2/4

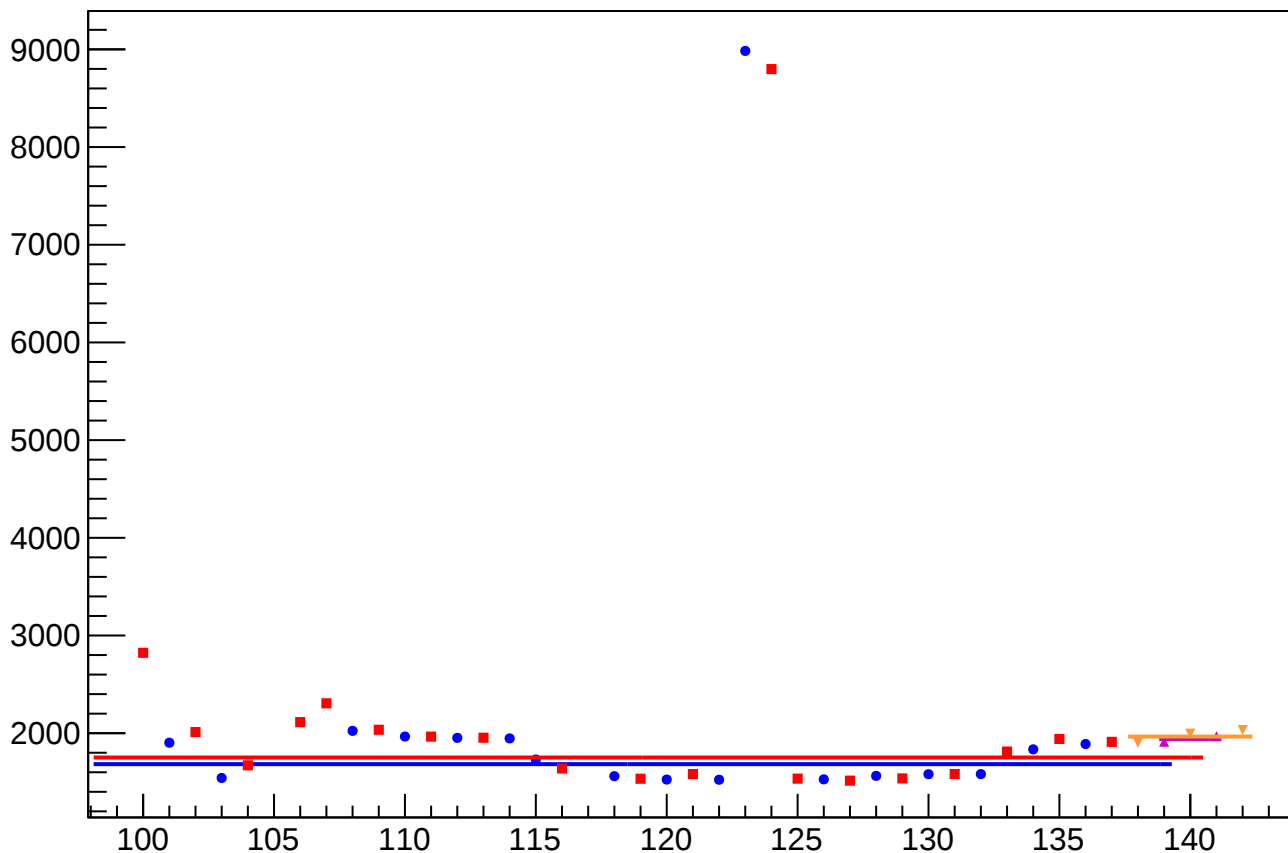
Right: -412.596+/-470.731 χ^2/NDF : 38.4/35

In: -171.843+/-604.106 χ^2/NDF :13.3/18

Out: -815.893+/-607.567 χ^2/NDF :37.9/21

All: -492.028+/-428.386 χ^2/NDF : 51.7/40

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1965.385+/-0.997 χ^2/NDF : 2869.9/2

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

Left In: 1941.139+/-1.074 χ^2/NDF : 687.9/1

Left: 1954.164+/-0.731 χ^2/NDF : 3831.4/4

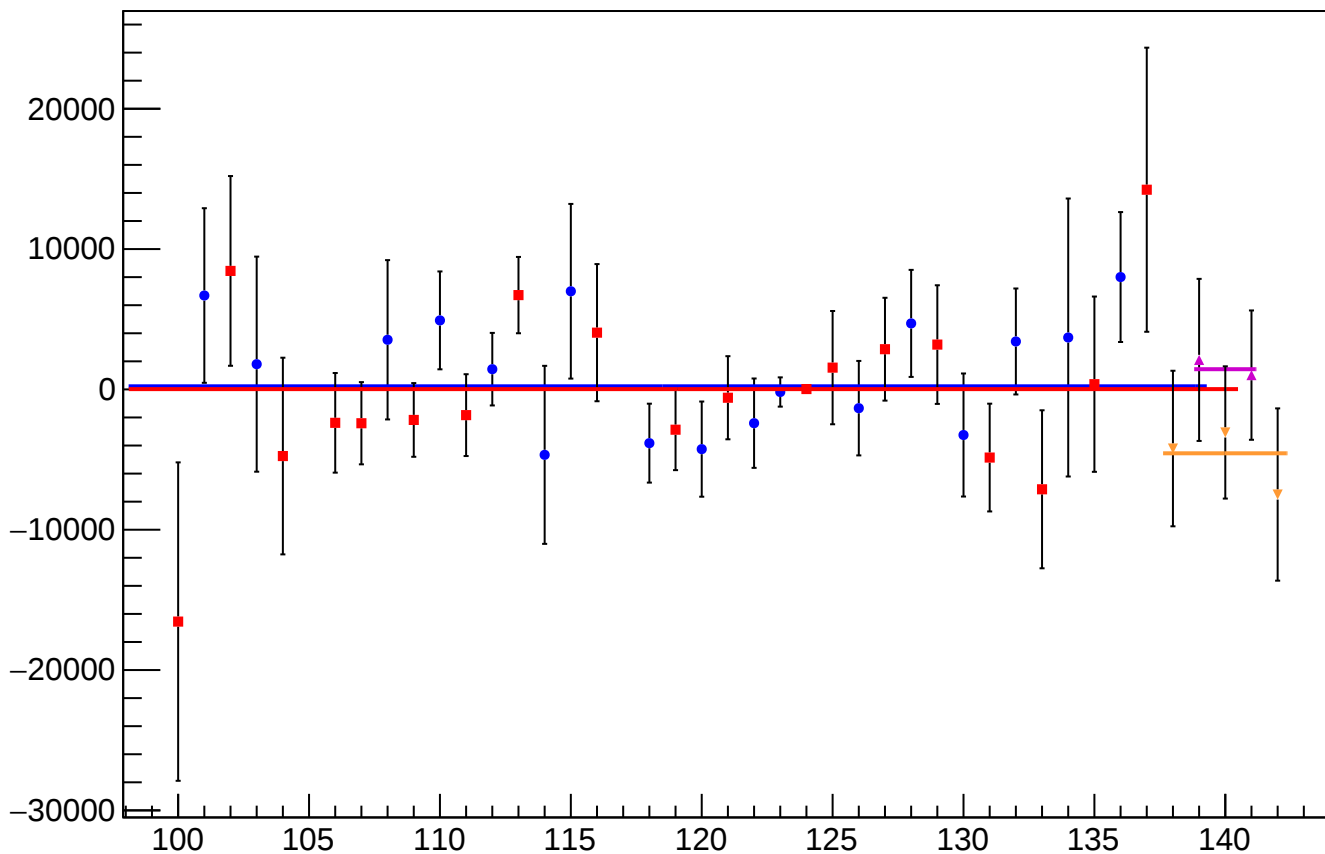
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1723.925+/-0.427 χ^2/NDF : 245114.6/18

Out: 1790.730+/-0.429 χ^2/NDF : 467589.0/21

All: 1757.197+/-0.303 χ^2/NDF : 724884.6/40

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -4553.653 $\pm$ 3099.168 χ^2 /NDF:0.3/2

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

Left In: 1439.312 $\pm$ 3601.813 χ^2 /NDF:0.0/1

Left: -2004.191 $\pm$ 2349.224 χ^2 /NDF: 1.9/4

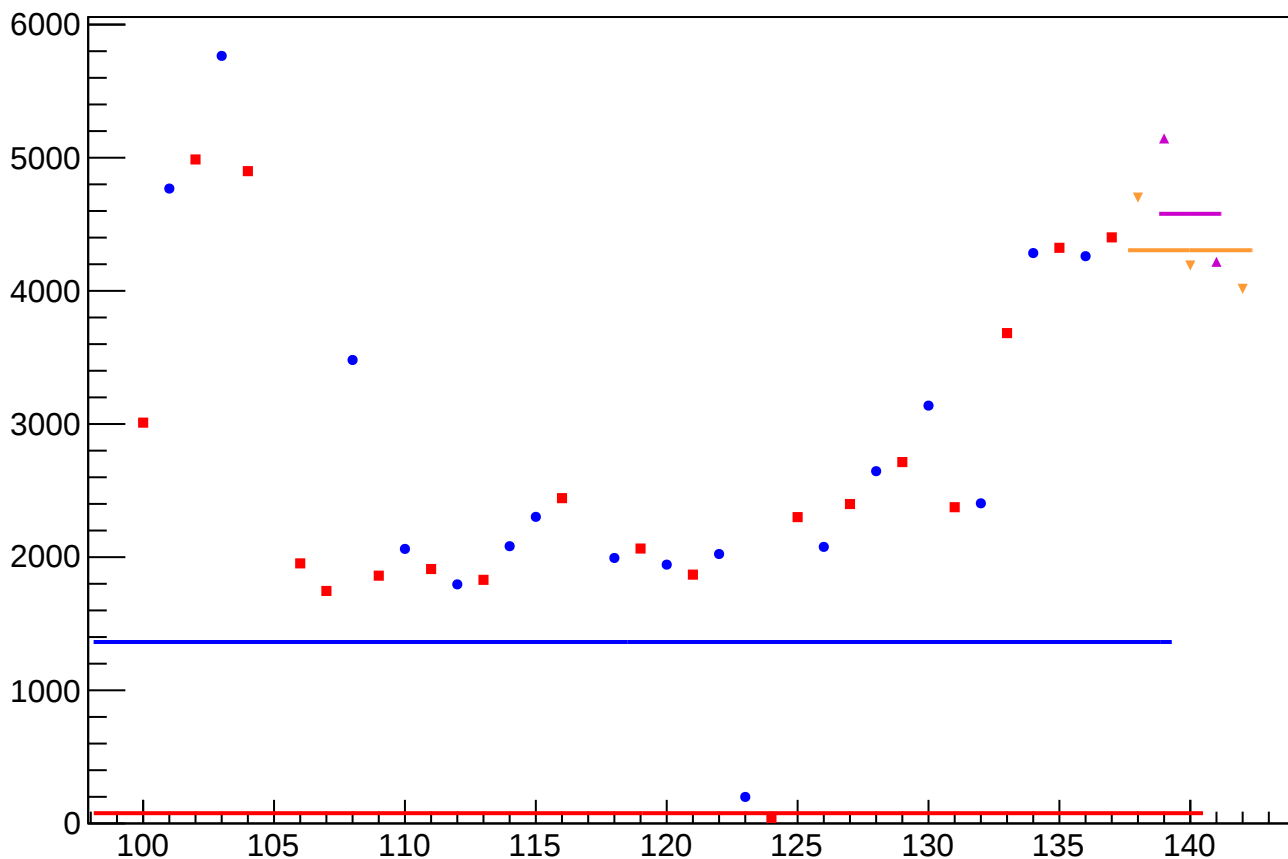
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 266.782 $\pm$ 706.895 χ^2 /NDF:16.0/18

Out: 14.074 $\pm$ 114.052 χ^2 /NDF:23.2/21

All: 20.485 $\pm$ 112.596 χ^2 /NDF: 39.3/40

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4305.173 $\pm$ 2.191 χ^2/NDF :15816.8/2

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

Left In: 4578.730 $\pm$ 2.547 χ^2/NDF :31442.6/1

Left: 4421.547 $\pm$ 1.661 χ^2/NDF : 53888.2/4

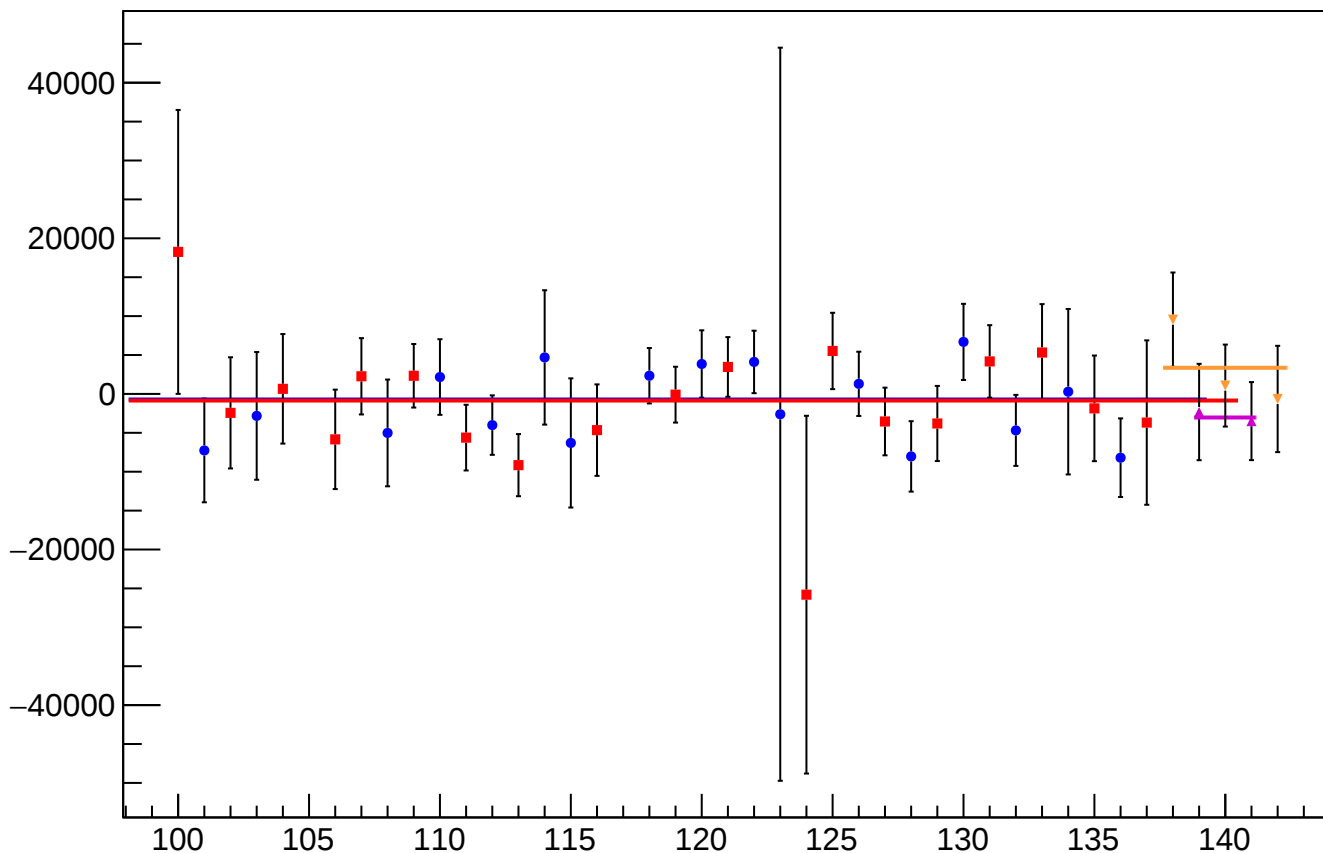
Right: 108.564 $\pm$ 0.080 χ^2/NDF : 25689718.3/35

In: 1486.712 $\pm$ 0.500 χ^2/NDF :7800248.0/18

Out: 82.855 $\pm$ 0.081 χ^2/NDF :16981187.6/21

All: 118.472 $\pm$ 0.080 χ^2/NDF : 32469306.5/40

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 3359.924+/-3436.187 χ^2/NDF : 1.6/2

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

Left In: -3032.775+/-3896.267 χ^2/NDF : 0.0/1

Left: 563.116+/-2577.139 χ^2/NDF : 3.1/4

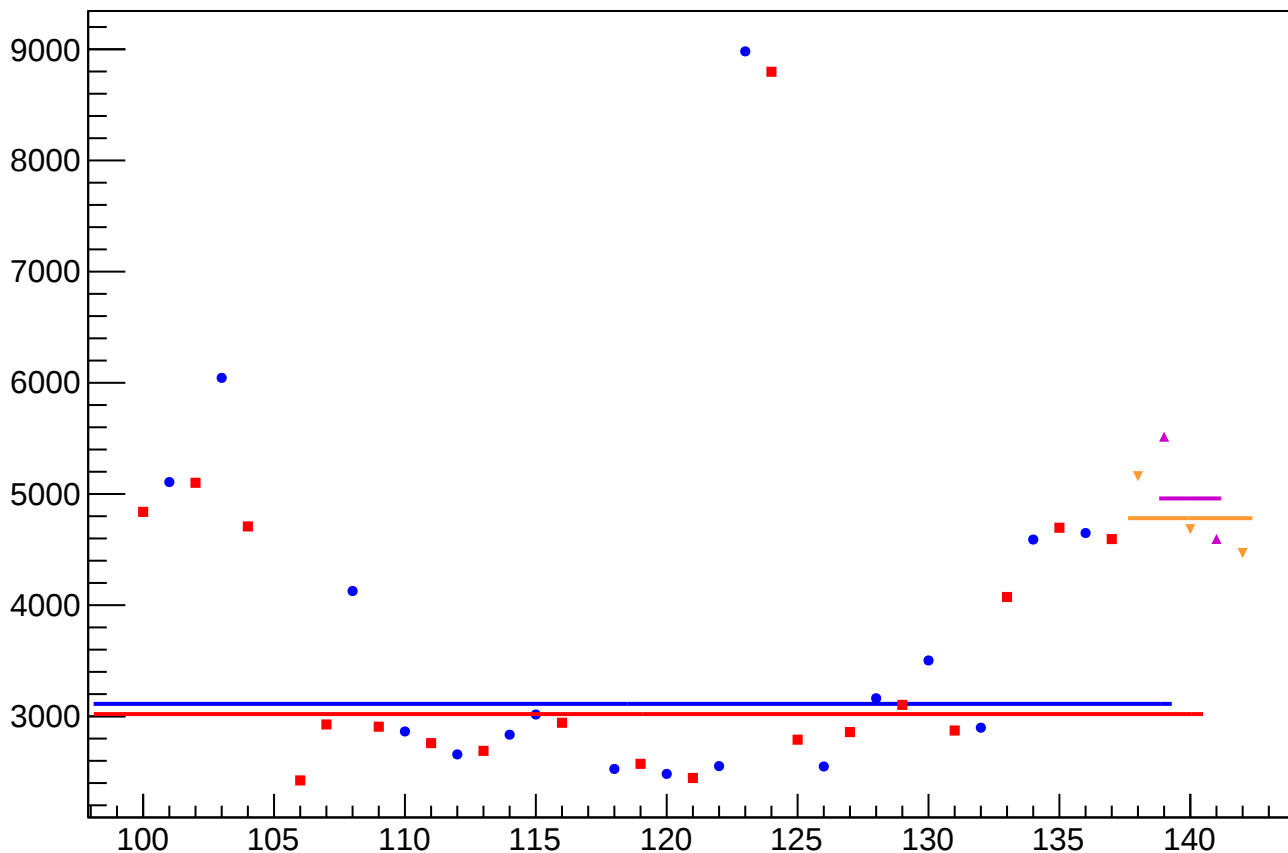
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -937.962+/-1192.421 χ^2/NDF : 15.1/18

Out: -397.730+/-1126.086 χ^2/NDF : 18.9/21

All: -652.402+/-818.710 χ^2/NDF : 34.1/40

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4782.455 $\pm$ 2.430 χ^2/NDF : 12676.8/2

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

Left In: 4959.876 $\pm$ 2.755 χ^2/NDF : 26684.3/1

Left: 4860.077 $\pm$ 1.822 χ^2/NDF : 41693.8/4

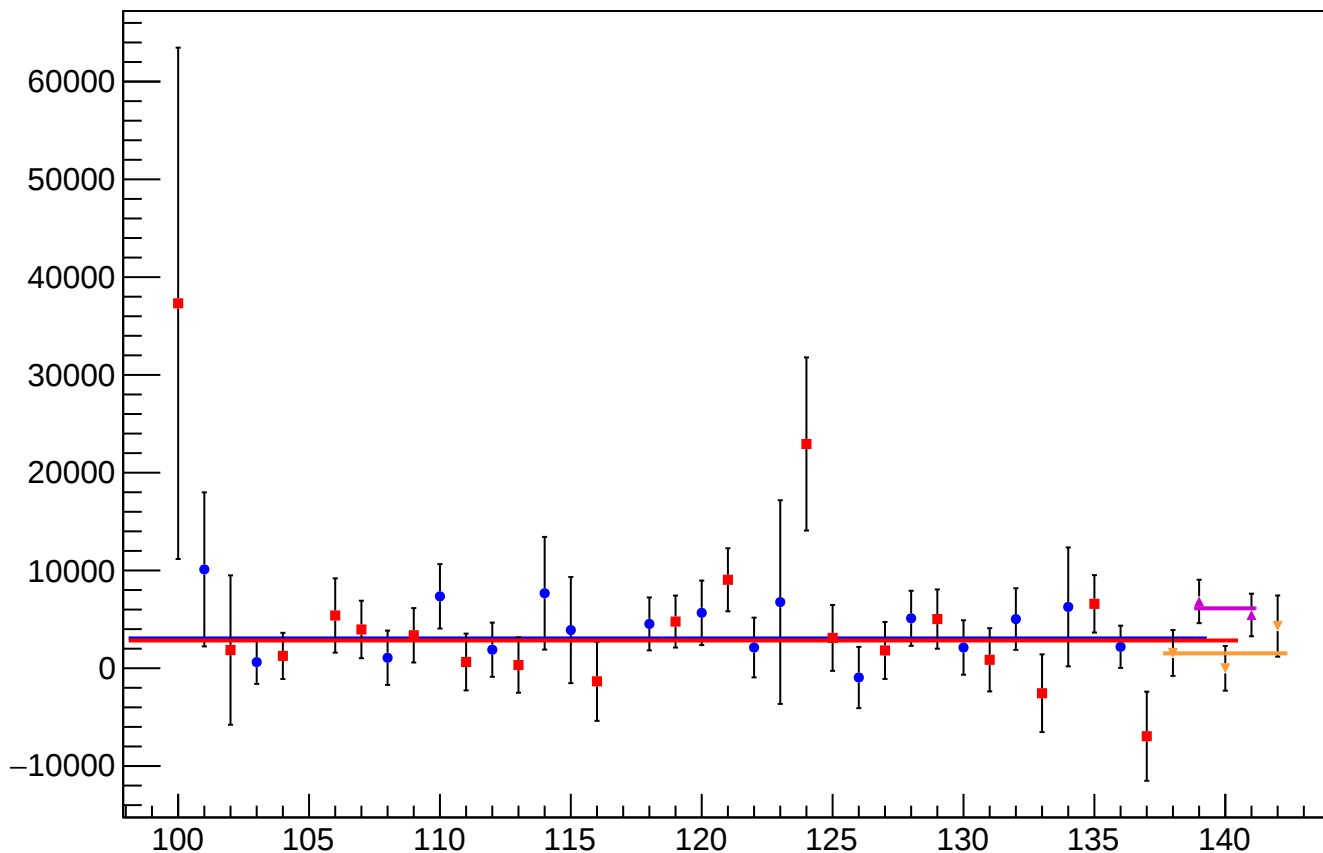
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

In: 3285.283 $\pm$ 0.843 χ^2/NDF : 1392806.4/18

Out: 3205.408 $\pm$ 0.787 χ^2/NDF : 1277601.5/21

All: 3242.616 $\pm$ 0.575 χ^2/NDF : 2675201.7/40

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1522.390+/-1450.993 χ^2/NDF : 1.2/2

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

Left In: 6126.673+/-1554.425 χ^2/NDF : 0.2/1

Left: 3666.261+/-1060.689 χ^2/NDF : 6.1/4

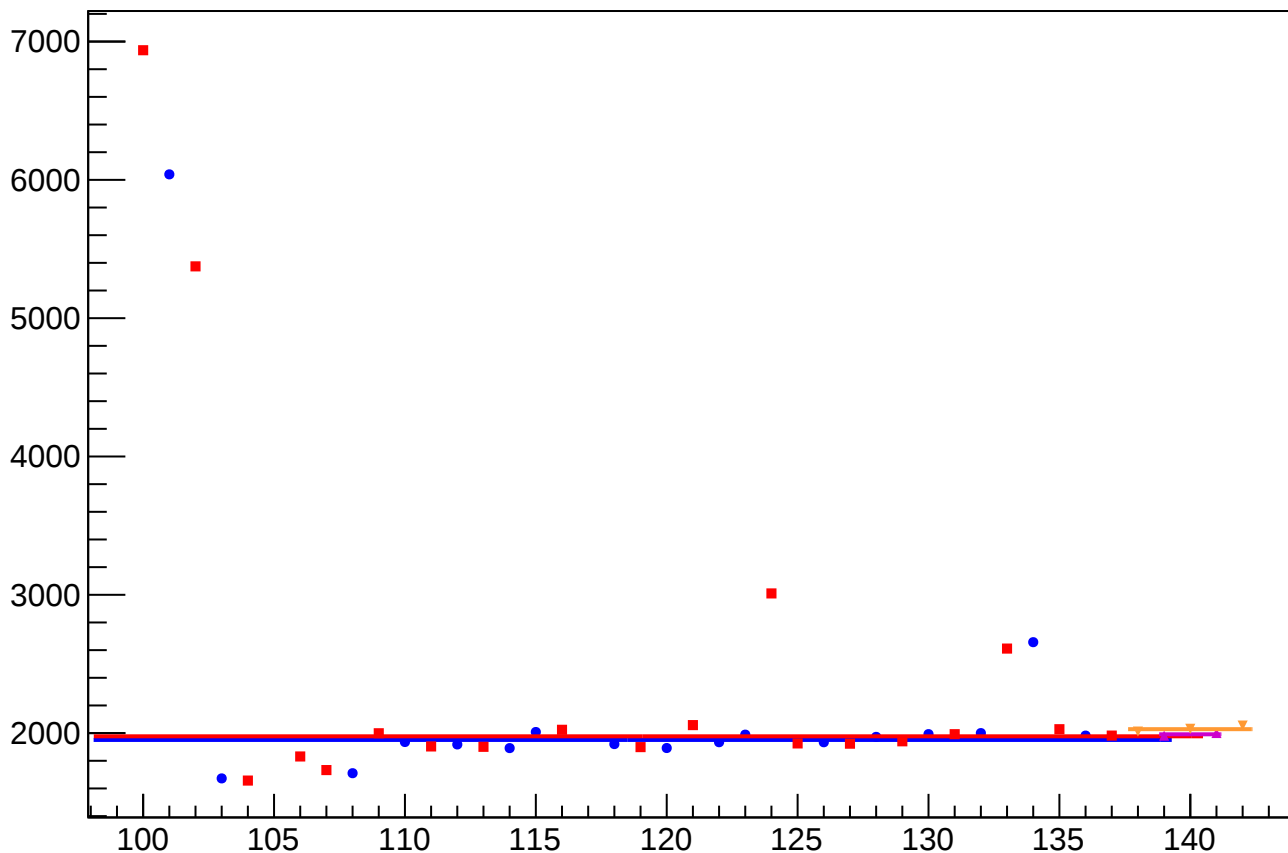
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3658.406+/-691.653 χ^2/NDF : 12.6/18

Out: 2551.895+/-677.320 χ^2/NDF : 25.6/21

All: 3093.567+/-483.926 χ^2/NDF : 39.6/40

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2028.605+/-1.026 χ^2/NDF :251.3/2

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

Left In: 1991.462+/-1.099 χ^2/NDF :76.3/1

Left: 2011.310+/-0.750 χ^2/NDF : 937.7/4

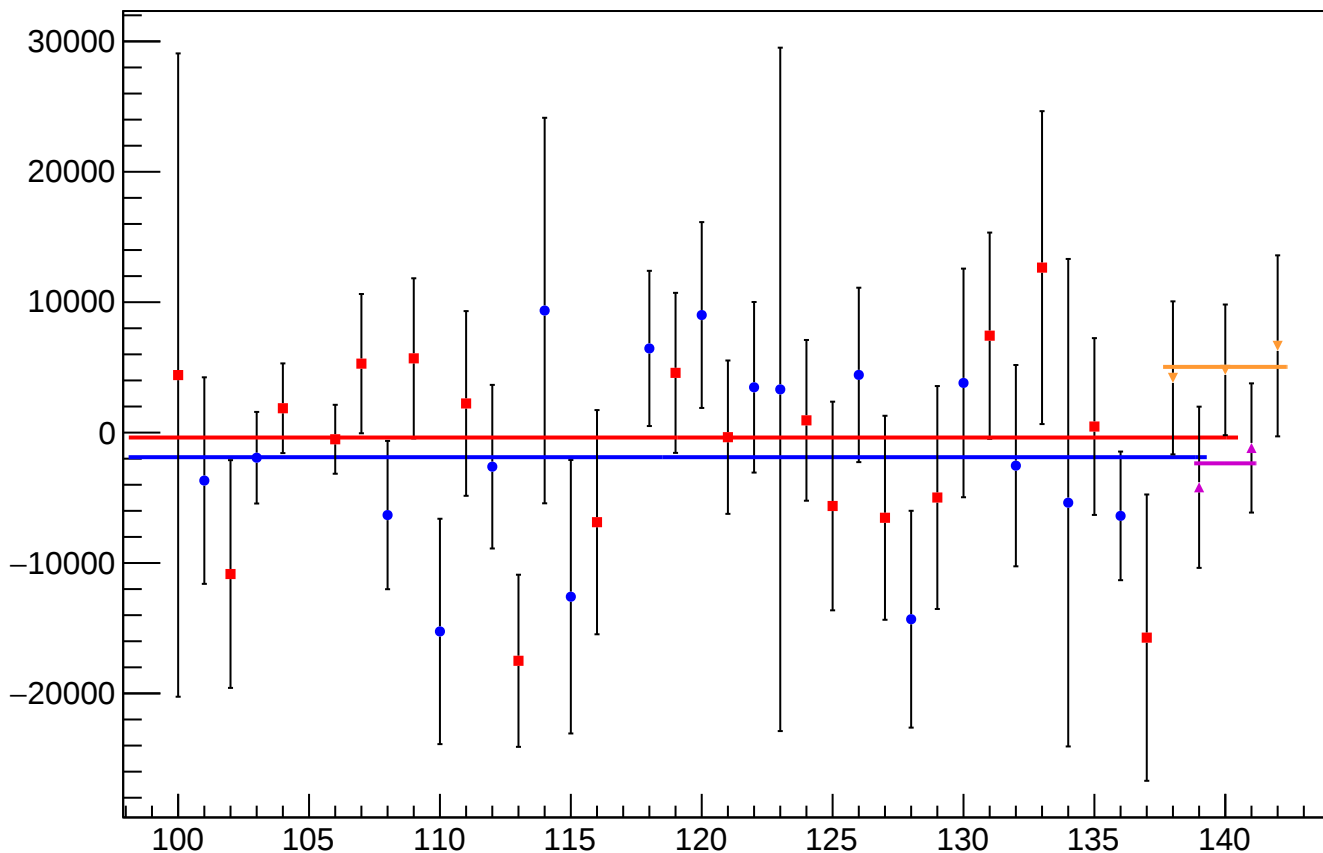
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1958.764+/-0.489 χ^2/NDF :616345.0/18

Out: 1988.218+/-0.479 χ^2/NDF :609938.3/21

All: 1973.806+/-0.342 χ^2/NDF : 1228135.7/40

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 5038.783+/-3339.969 χ^2/NDF : 0.1/2

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

Left In: -2357.316+/-3865.867 χ^2/NDF : 0.1/1

Left: 1877.657+/-2527.356 χ^2/NDF : 2.3/4

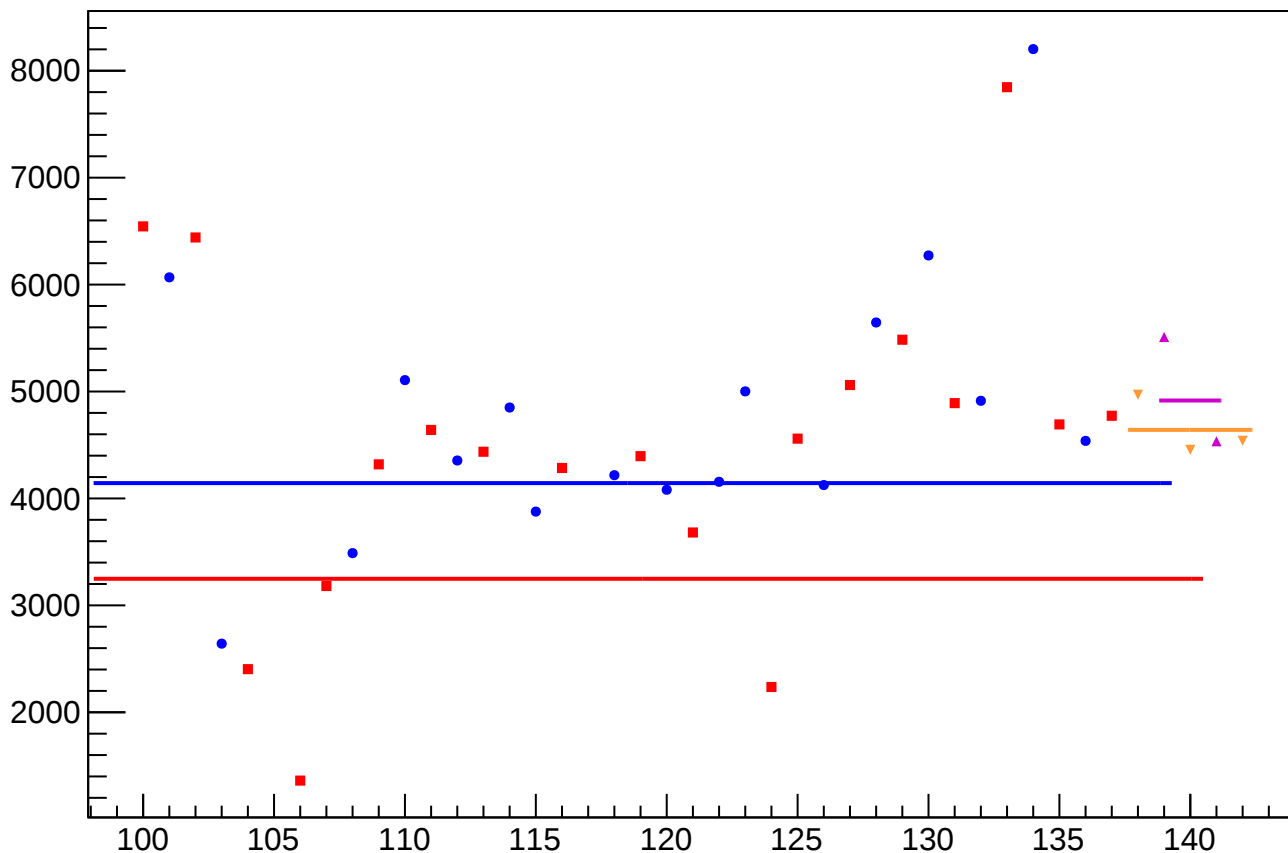
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -1958.619+/-1523.755 χ^2/NDF : 14.3/18

Out: 392.991+/-1259.276 χ^2/NDF : 19.9/21

All: -561.335+/-970.690 χ^2/NDF : 35.6/40

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4641.251+/-2.362 χ^2/NDF : 9488.5/2

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

Left In: 4915.938+/-2.734 χ^2/NDF : 30304.8/1

Left: 4758.654+/-1.787 χ^2/NDF : 45575.1/4

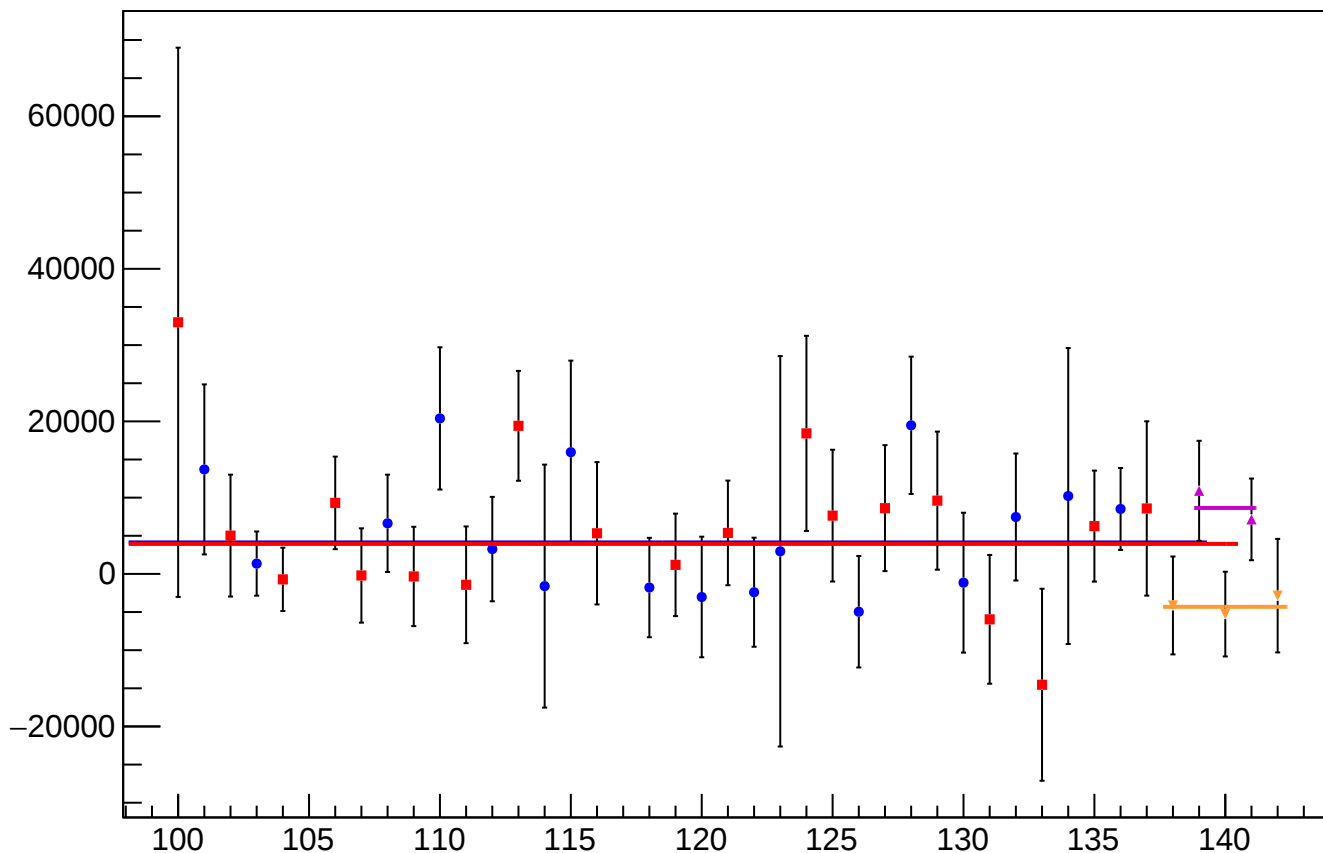
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4263.487+/-1.077 χ^2/NDF : 953724.0/18

Out: 3446.599+/-0.890 χ^2/NDF : 2925539.5/21

All: 3778.107+/-0.686 χ^2/NDF : 4220805.3/40

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -4317.249 $\pm$ 3658.292 χ^2 /NDF: 0.1/2

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

Left In: 8648.166 $\pm$ 4147.059 χ^2 /NDF: 0.2/1

Left: 1356.743 $\pm$ 2743.414 χ^2 /NDF: 5.8/4

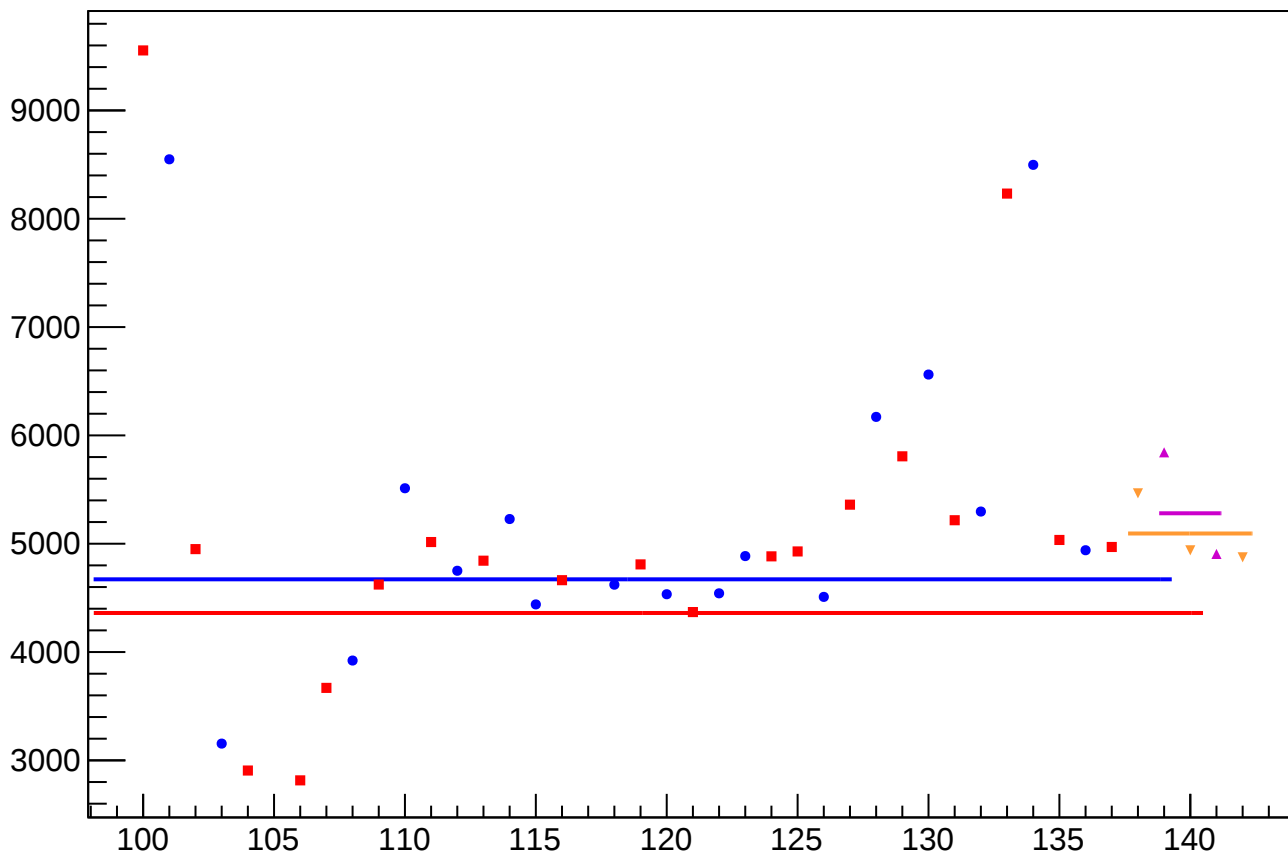
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 4885.942 $\pm$ 1699.444 χ^2 /NDF: 14.9/18

Out: 2431.869 $\pm$ 1560.614 χ^2 /NDF: 19.1/21

All: 3554.588 $\pm$ 1149.473 χ^2 /NDF: 35.1/40

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5094.366+/-2.587 χ^2/NDF : 9982.7/2

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

Left In: 5281.041+/-2.932 χ^2/NDF : 24557.2/1

Left: 5176.059+/-1.940 χ^2/NDF : 36818.9/4

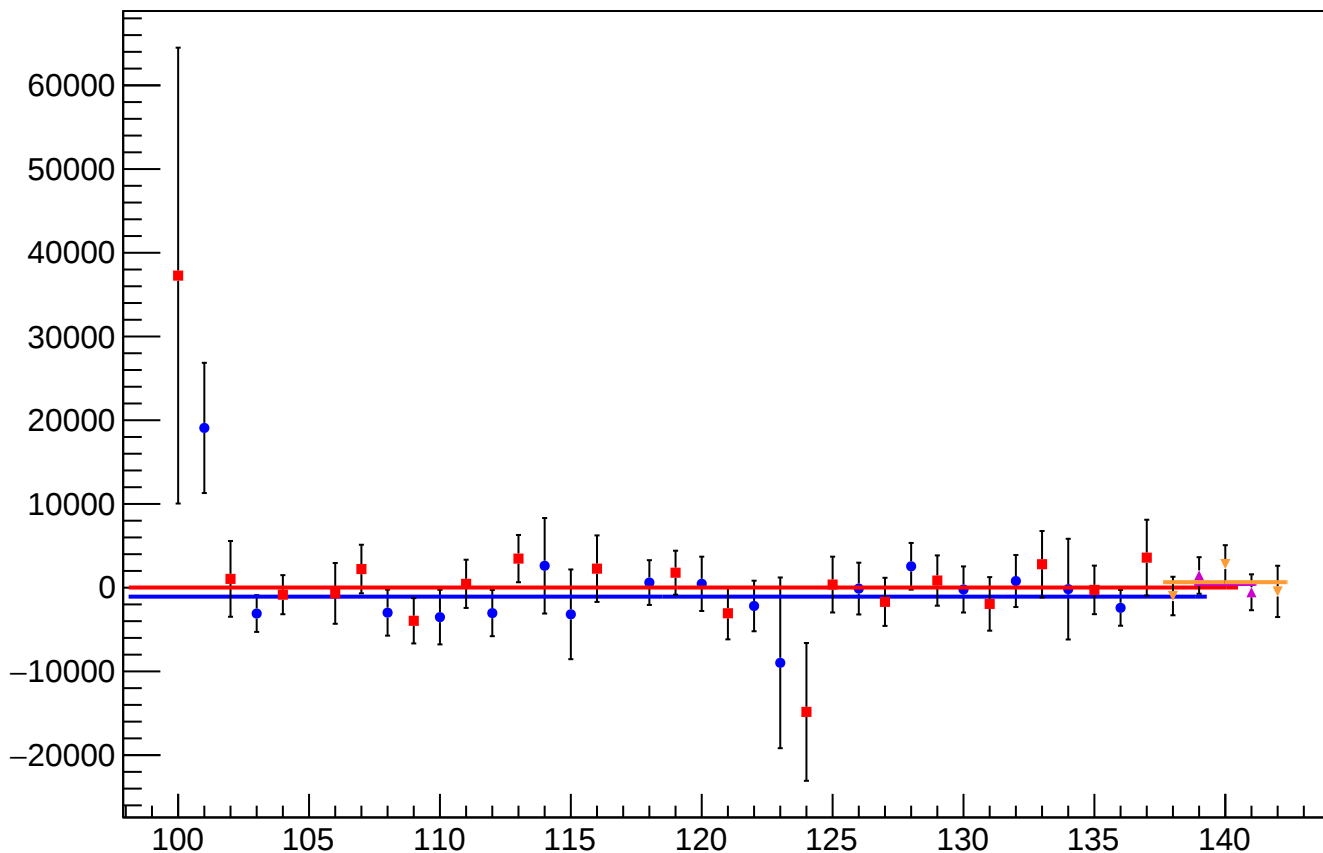
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4773.711+/-1.202 χ^2/NDF : 846641.8/18

Out: 4492.817+/-1.098 χ^2/NDF : 910075.3/21

All: 4620.663+/-0.811 χ^2/NDF : 1786487.7/40

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 ± 762.970 $\chi^2/\text{NDF}: 13.7/16$

Left Out: 655.847 ± 1423.505 $\chi^2/\text{NDF}: 1.6/2$

Right Out: 19.222 ± 747.810 $\chi^2/\text{NDF}: 13.3/18$

Left In: 434.715 ± 1530.458 $\chi^2/\text{NDF}: 0.4/1$

Left: 553.277 ± 1042.332 $\chi^2/\text{NDF}: 2.0/4$

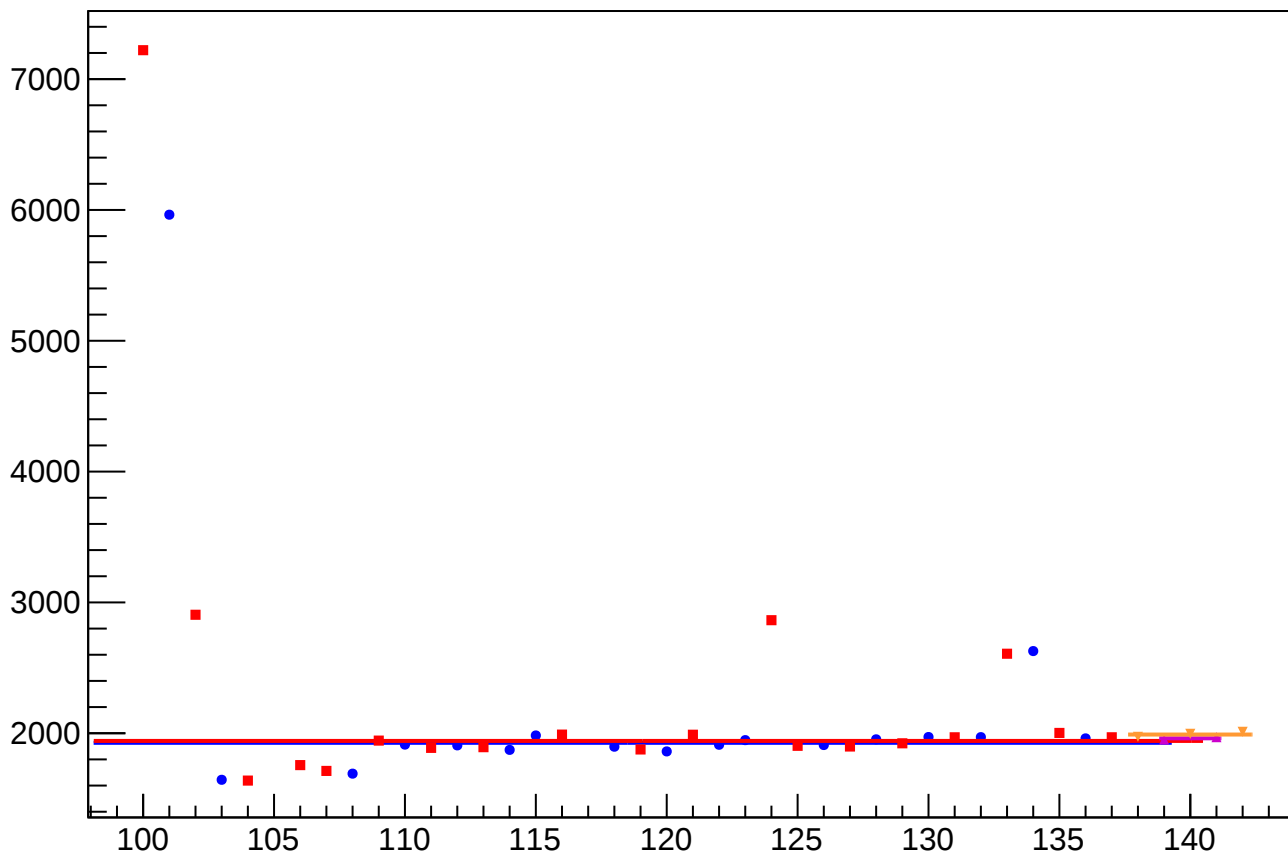
Right: -515.074 ± 534.061 $\chi^2/\text{NDF}: 28.0/35$

In: -771.482 ± 682.824 $\chi^2/\text{NDF}: 14.9/18$

Out: 156.914 ± 662.019 $\chi^2/\text{NDF}: 15.0/21$

All: -292.925 ± 475.303 $\chi^2/\text{NDF}: 30.9/40$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1990.083+/-1.007 χ^2/NDF :222.2/2

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

Left In: 1961.093+/-1.082 χ^2/NDF :69.9/1

Left: 1976.636+/-0.737 χ^2/NDF : 676.8/4

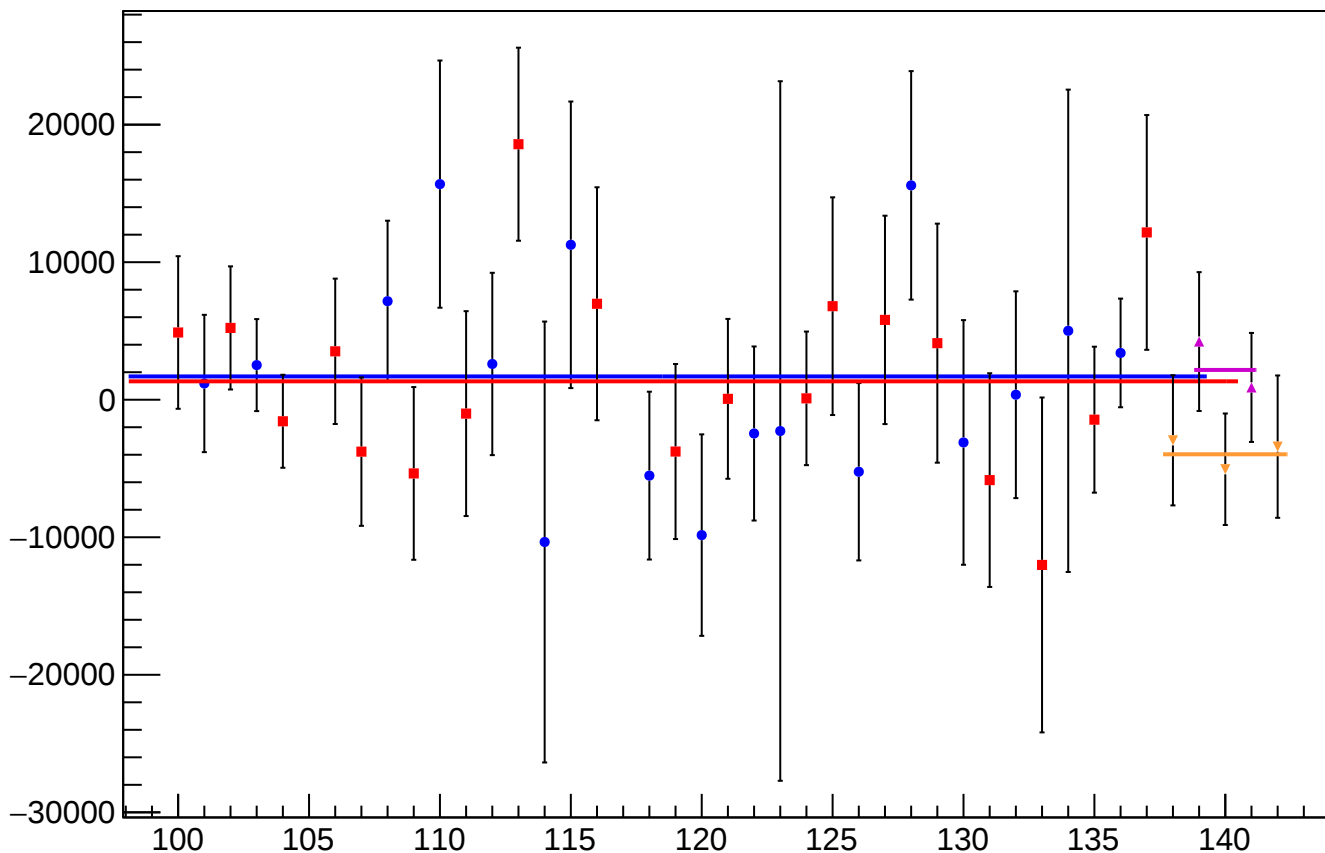
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1933.698+/-0.483 χ^2/NDF :617986.2/18

Out: 1951.808+/-0.468 χ^2/NDF :306433.9/21

All: 1943.039+/-0.336 χ^2/NDF : 925145.6/40

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3967.417+/-2645.671 χ^2/NDF : 0.1/2

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

Left In: 2166.078+/-3116.954 χ^2/NDF : 0.3/1

Left: -1398.950+/-2017.035 χ^2/NDF : 2.7/4

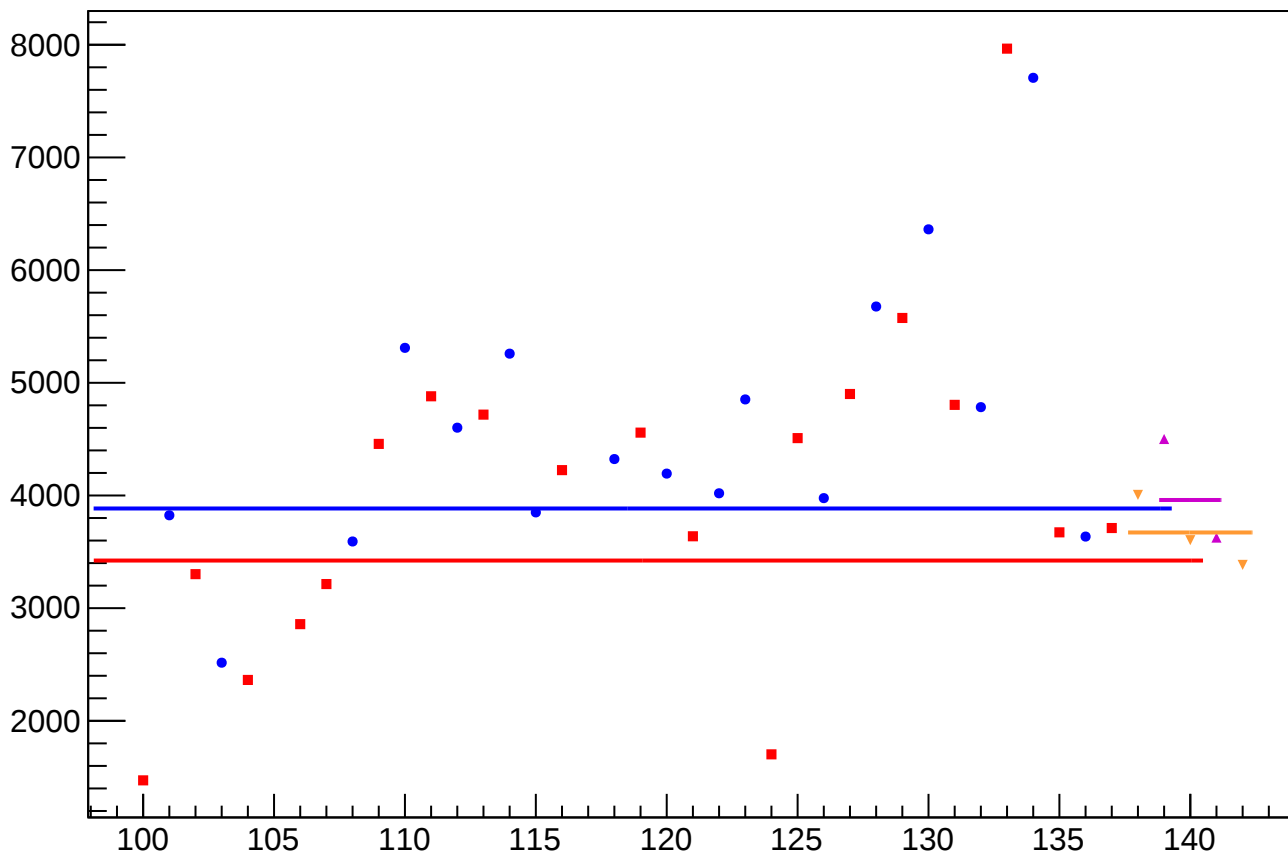
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 1787.755+/-1389.262 χ^2/NDF : 13.9/18

Out: 217.609+/-1215.870 χ^2/NDF : 19.6/21

All: 898.638+/-914.949 χ^2/NDF : 34.2/40

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3671.710 $\pm$ 1.871 χ^2 /NDF:16687.1/2

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

Left In: 3960.043 $\pm$ 2.204 χ^2 /NDF:37190.2/1

Left: 3792.453 $\pm$ 1.426 χ^2 /NDF: 63824.8/4

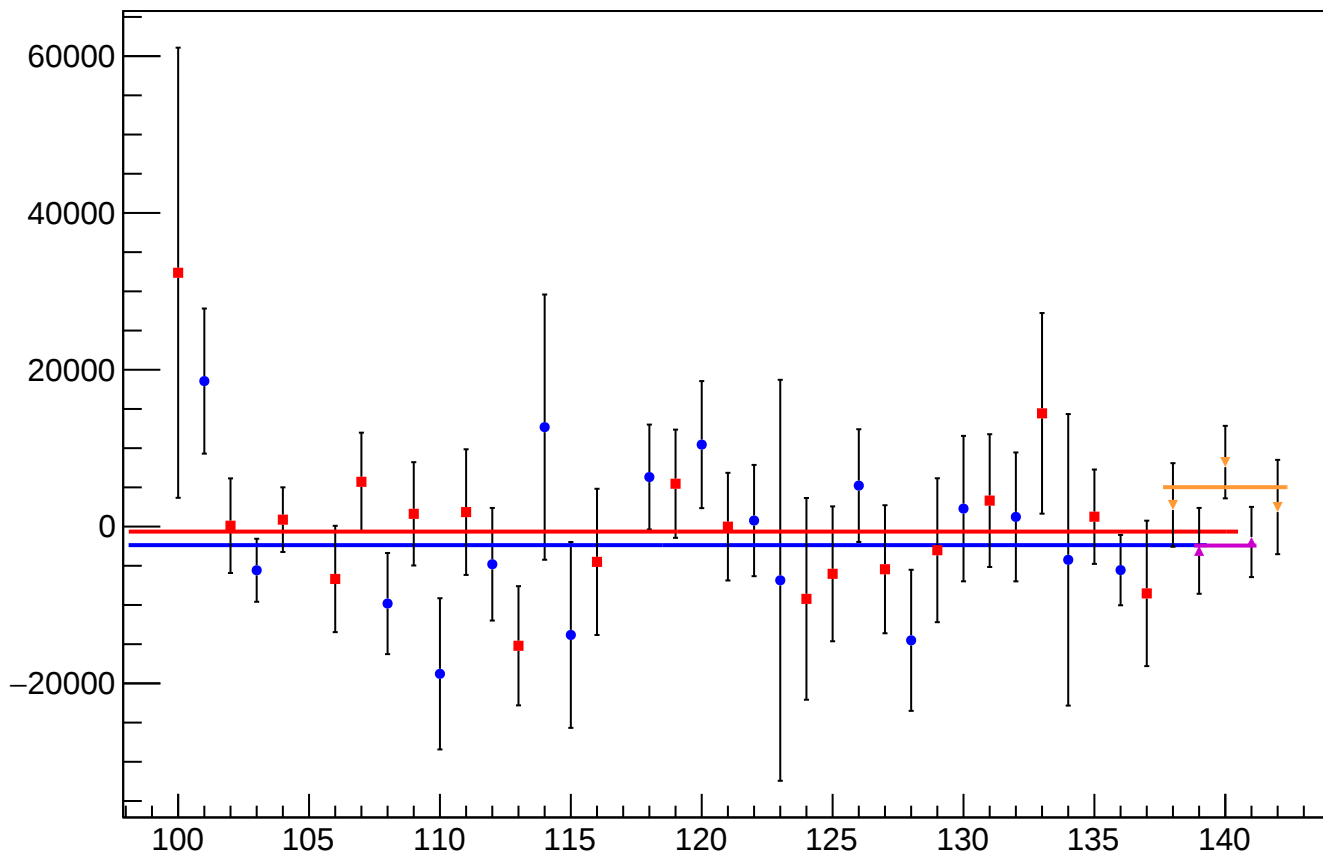
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 3899.590 $\pm$ 0.982 χ^2 /NDF:864692.8/18

Out: 3475.235 $\pm$ 0.860 χ^2 /NDF:1620966.8/21

All: 3659.293 $\pm$ 0.647 χ^2 /NDF: 2591326.3/40

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 5023.455+/-3020.020 χ^2/NDF : 0.8/2

Right Out: -640.916+/-1690.165 χ^2/NDF : 11.8/18

Left In: -2420.359+/-3466.238 χ^2/NDF : 0.0/1

Left: 1811.228+/-2277.004 χ^2/NDF : 3.5/4

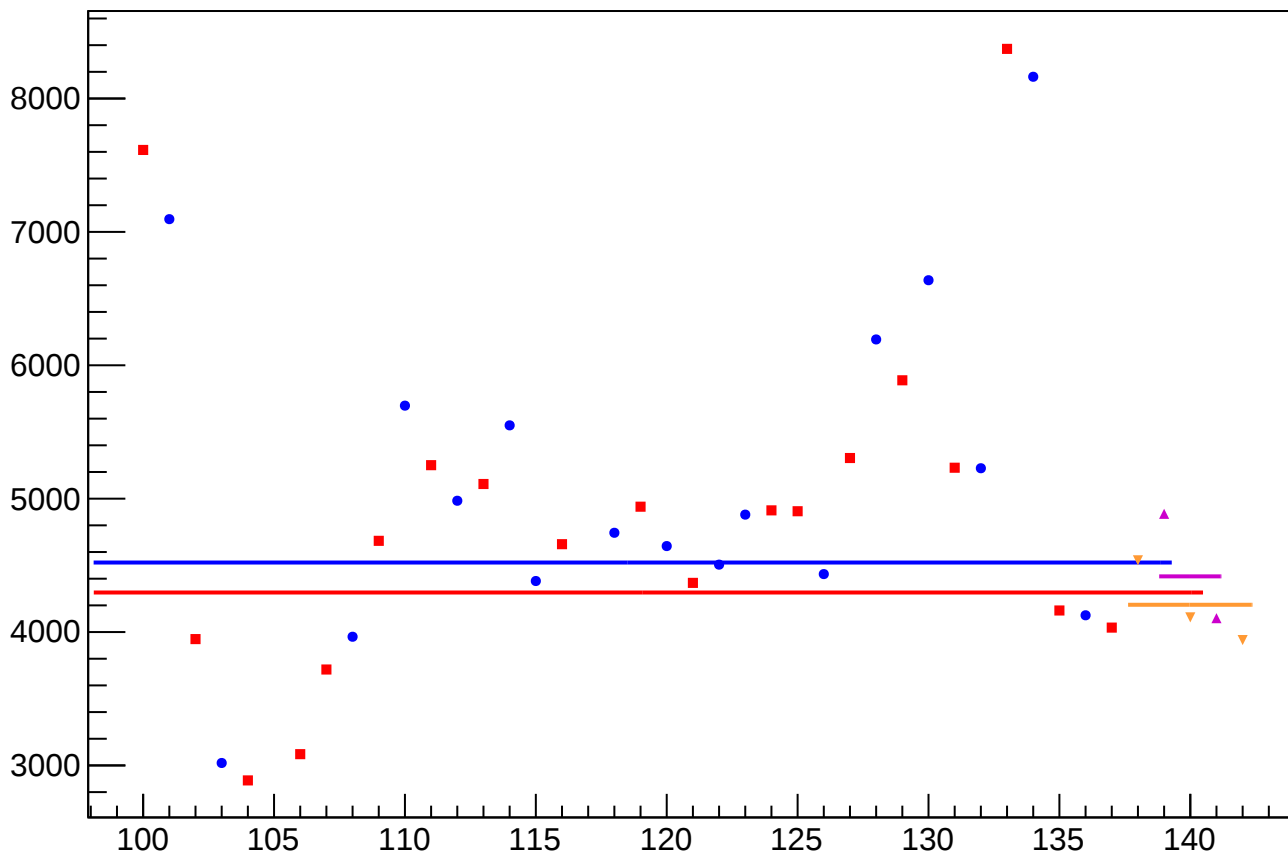
Right: -1449.011+/-1232.750 χ^2/NDF : 32.4/35

In: -2378.767+/-1598.808 χ^2/NDF : 20.2/18

Out: 710.084+/-1474.897 χ^2/NDF : 15.3/21

All: -710.021+/-1084.072 χ^2/NDF : 37.5/40

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4204.512+/-2.135 χ^2/NDF :12526.4/2

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

Left In: 4417.463+/-2.451 χ^2/NDF :24469.6/1

Left: 4296.407+/-1.610 χ^2/NDF : 41287.2/4

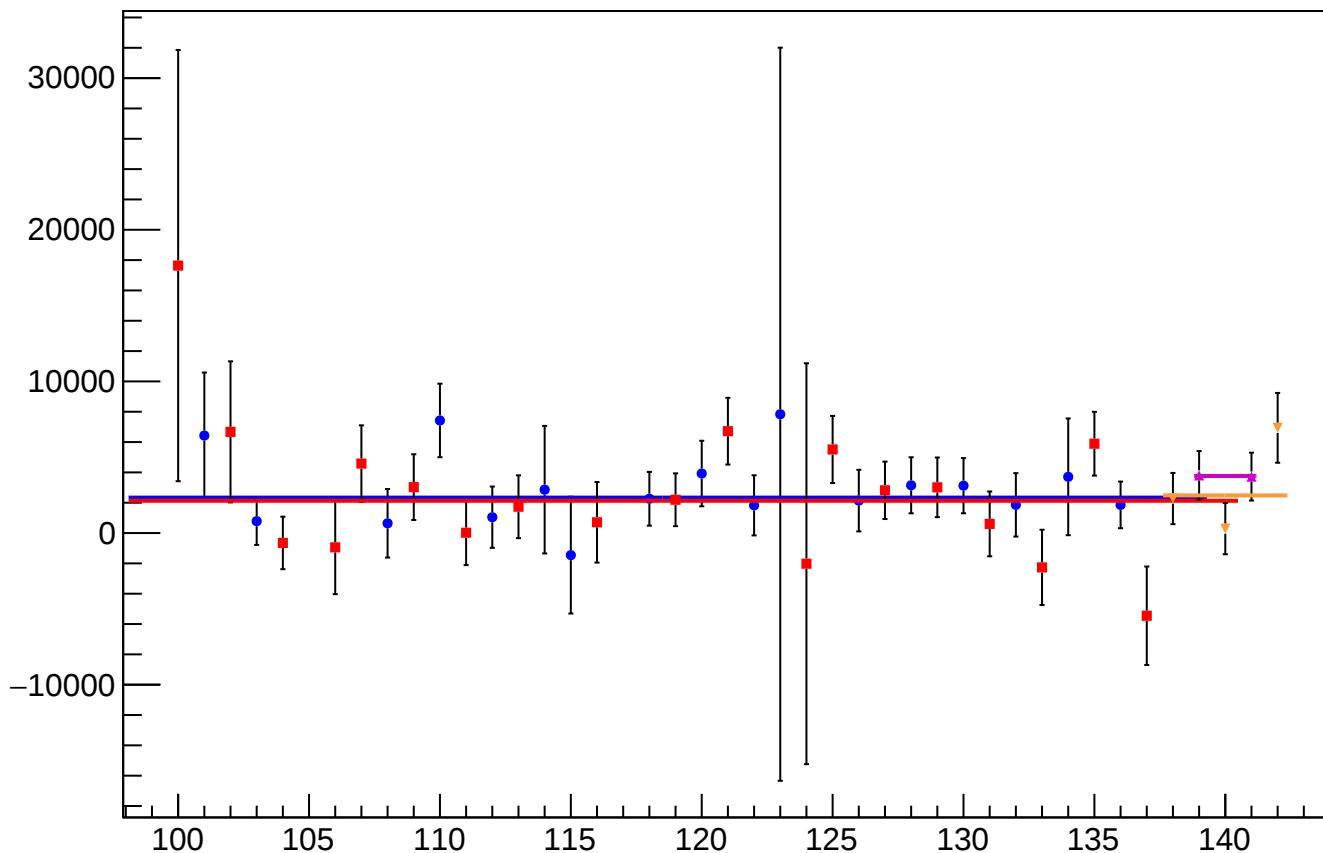
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4499.153+/-1.131 χ^2/NDF :804555.6/18

Out: 4274.732+/-1.038 χ^2/NDF :787153.0/21

All: 4377.437+/-0.765 χ^2/NDF : 1613080.7/40

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 2483.230+/-1060.274 χ^2/NDF : 5.4/2

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

Left In: 3761.839+/-1124.461 χ^2/NDF : 0.0/1

Left: 3085.002+/-771.421 χ^2/NDF : 6.1/4

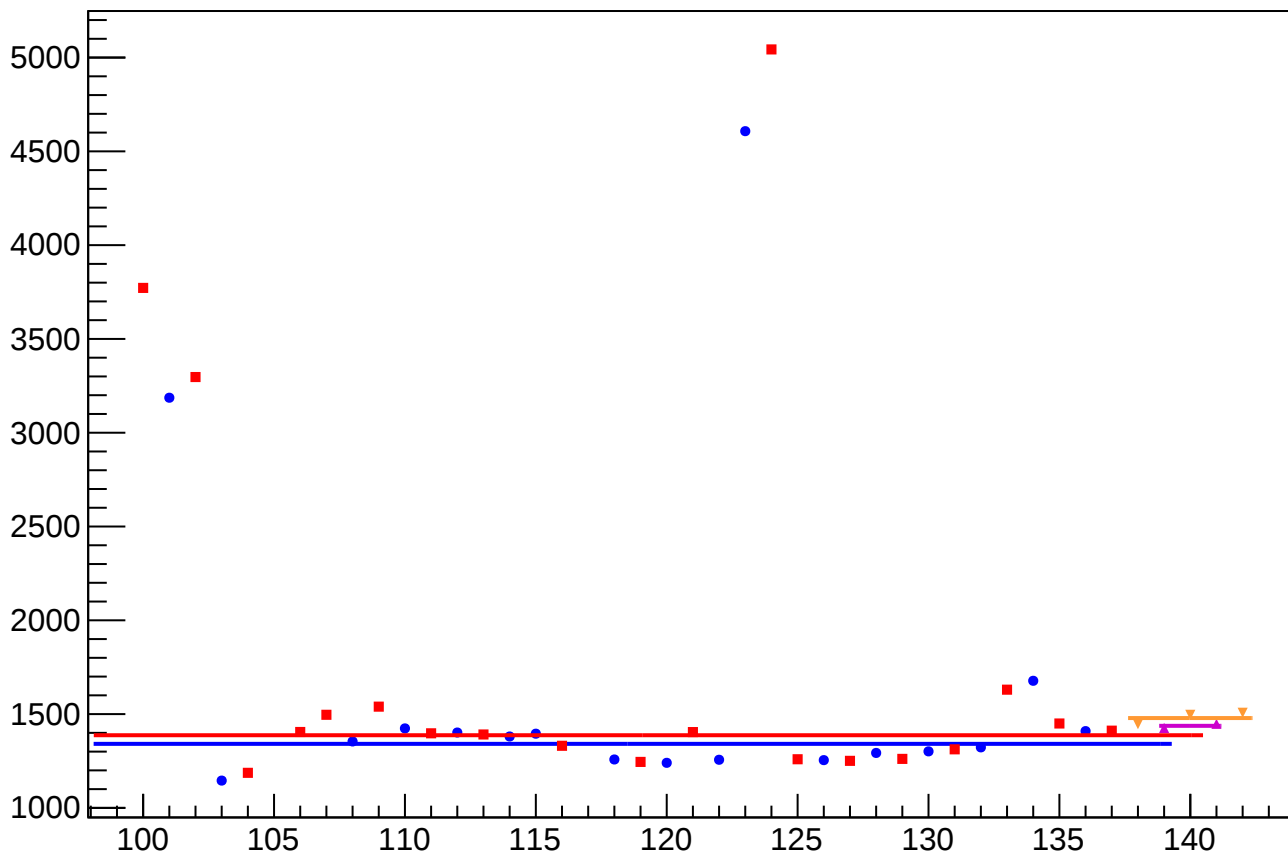
Right: 2234.784+/-378.395 χ^2/NDF : 37.3/35

In: 2596.886+/-480.253 χ^2/NDF : 10.9/18

Out: 2202.155+/-480.637 χ^2/NDF : 33.1/21

All: 2399.678+/-339.726 χ^2/NDF : 44.4/40

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1478.886+/-0.750 χ^2/NDF :1259.3/2

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

Left In: 1437.482+/-0.795 χ^2/NDF :191.0/1

Left: 1459.400+/-0.545 χ^2/NDF : 2885.7/4

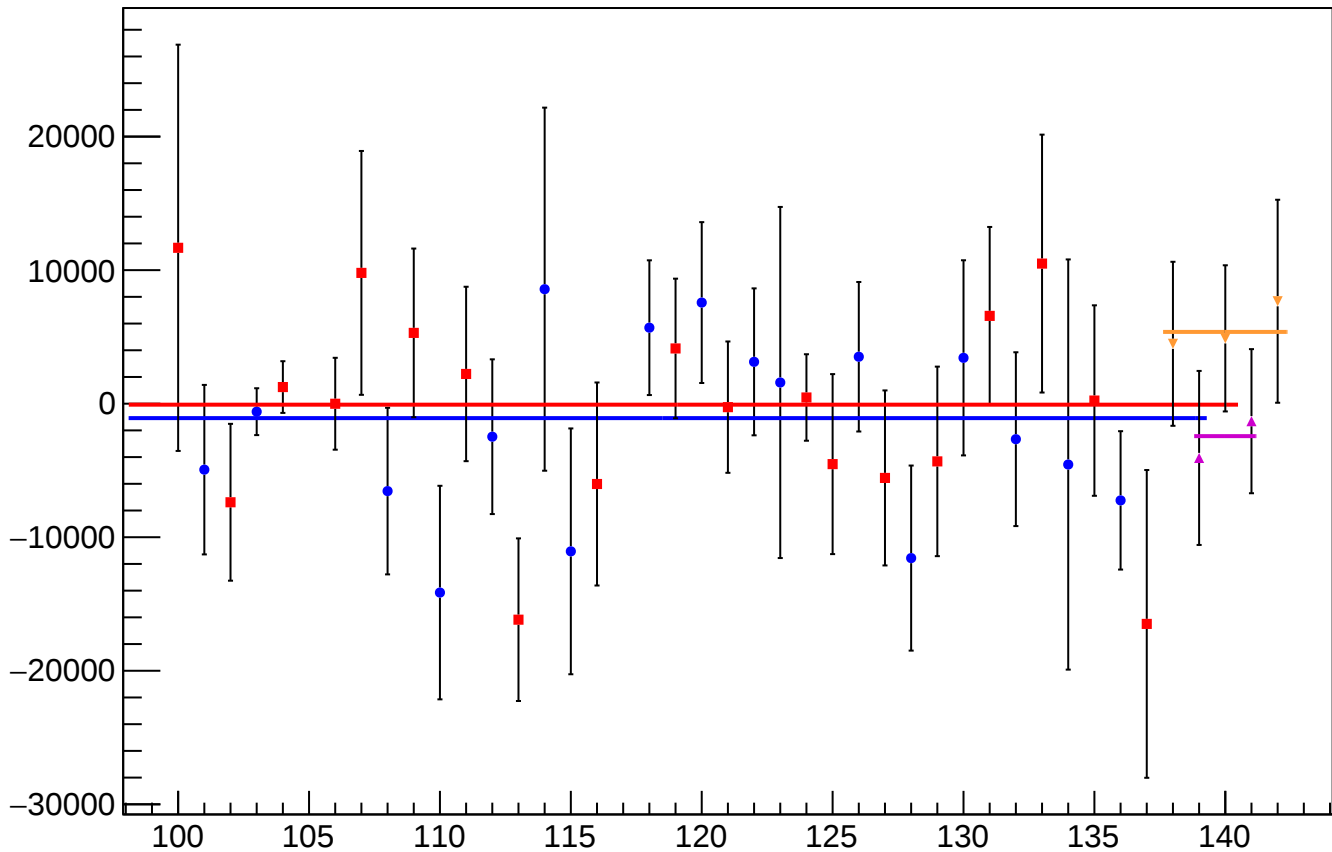
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1358.905+/-0.340 χ^2/NDF :516408.4/18

Out: 1406.145+/-0.340 χ^2/NDF :663298.7/21

All: 1382.515+/-0.240 χ^2/NDF : 1189378.4/40

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: 5374.754+/-3598.585 χ^2/NDF : 0.1/2

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

Left In: -2430.311+/-4155.936 χ^2/NDF : 0.1/1

Left: 2030.322+/-2720.457 χ^2/NDF : 2.2/4

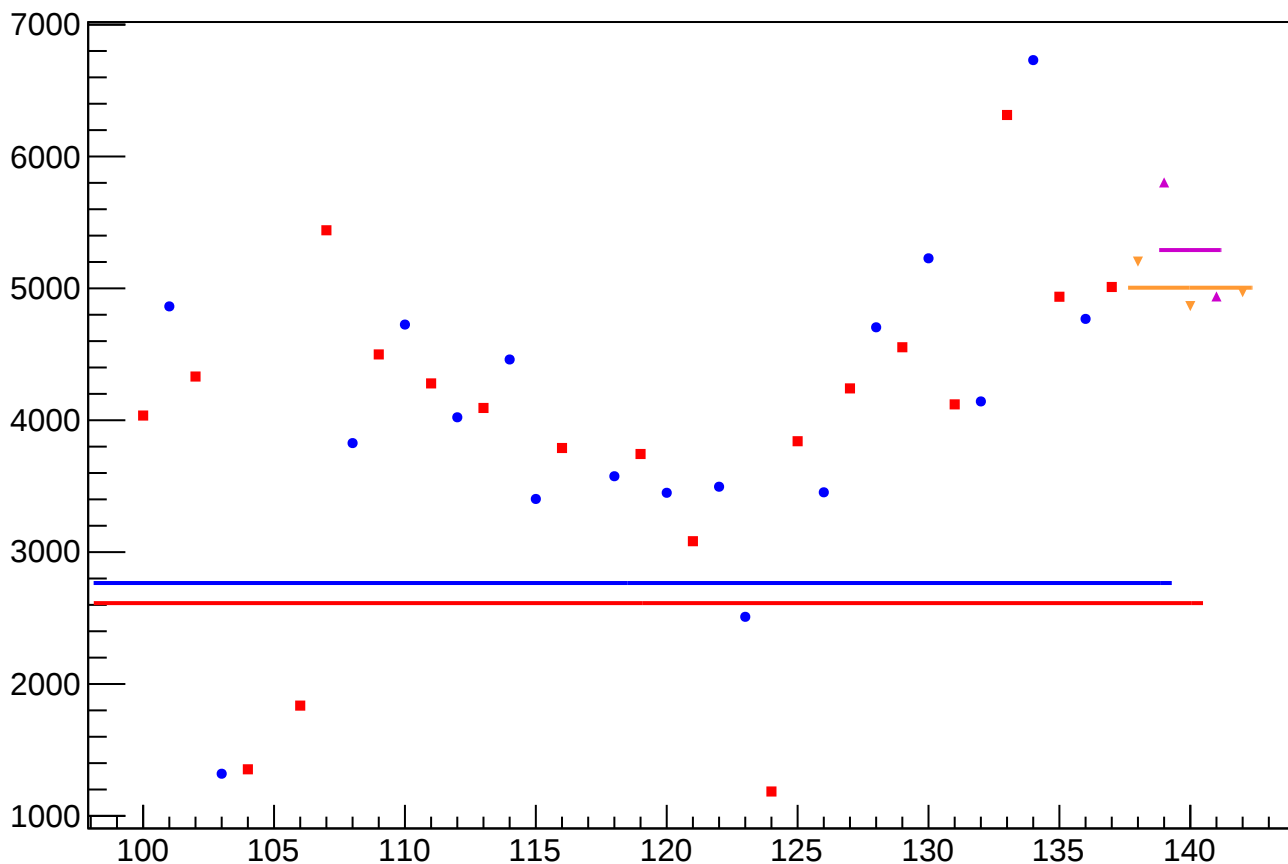
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

In: -1186.860+/-1163.870 χ^2/NDF : 15.2/18

Out: 411.989+/-1074.812 χ^2/NDF : 20.8/21

All: -323.932+/-789.616 χ^2/NDF : 37.0/40

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 $\pm$ 0.857 χ^2 /NDF: 2939083.2/16

Left Out: 5005.012 $\pm$ 2.545 χ^2 /NDF:3417.2/2

Right Out: 2613.368 $\pm$ 0.796 χ^2 /NDF: 3339918.9/18

Left In: 5290.526 $\pm$ 2.939 χ^2 /NDF:20882.2/1

Left: 5127.354 $\pm$ 1.924 χ^2 /NDF: 29694.1/4

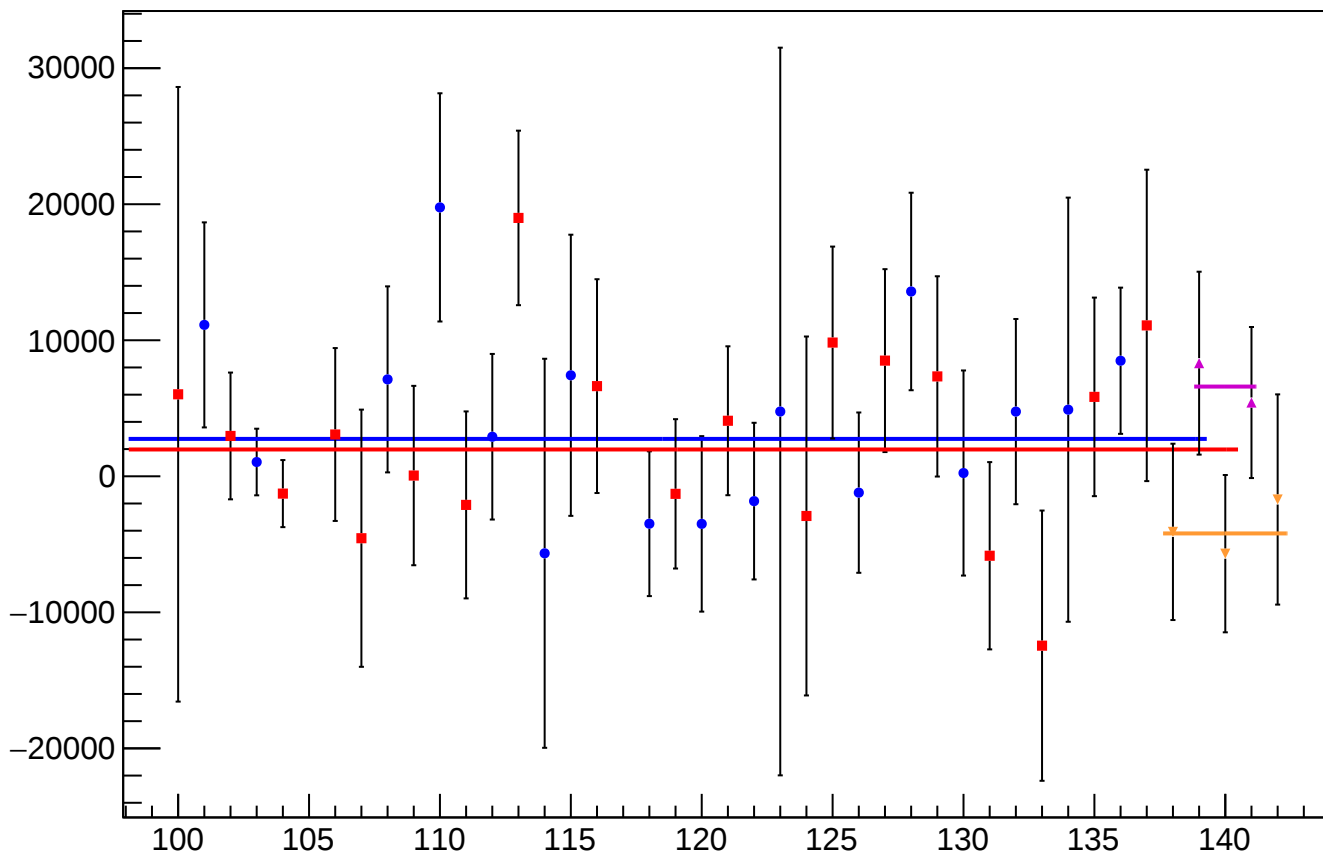
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 2963.750 $\pm$ 0.823 χ^2 /NDF:3640220.7/18

Out: 2826.721 $\pm$ 0.760 χ^2 /NDF:4147934.4/21

All: 2889.793 $\pm$ 0.558 χ^2 /NDF: 7803118.1/40

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: -4200.118+/-3766.986 χ^2/NDF : 0.2/2

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

Left In: 6595.460+/-4280.693 χ^2/NDF : 0.1/1

Left: 511.353+/-2827.935 χ^2/NDF : 3.9/4

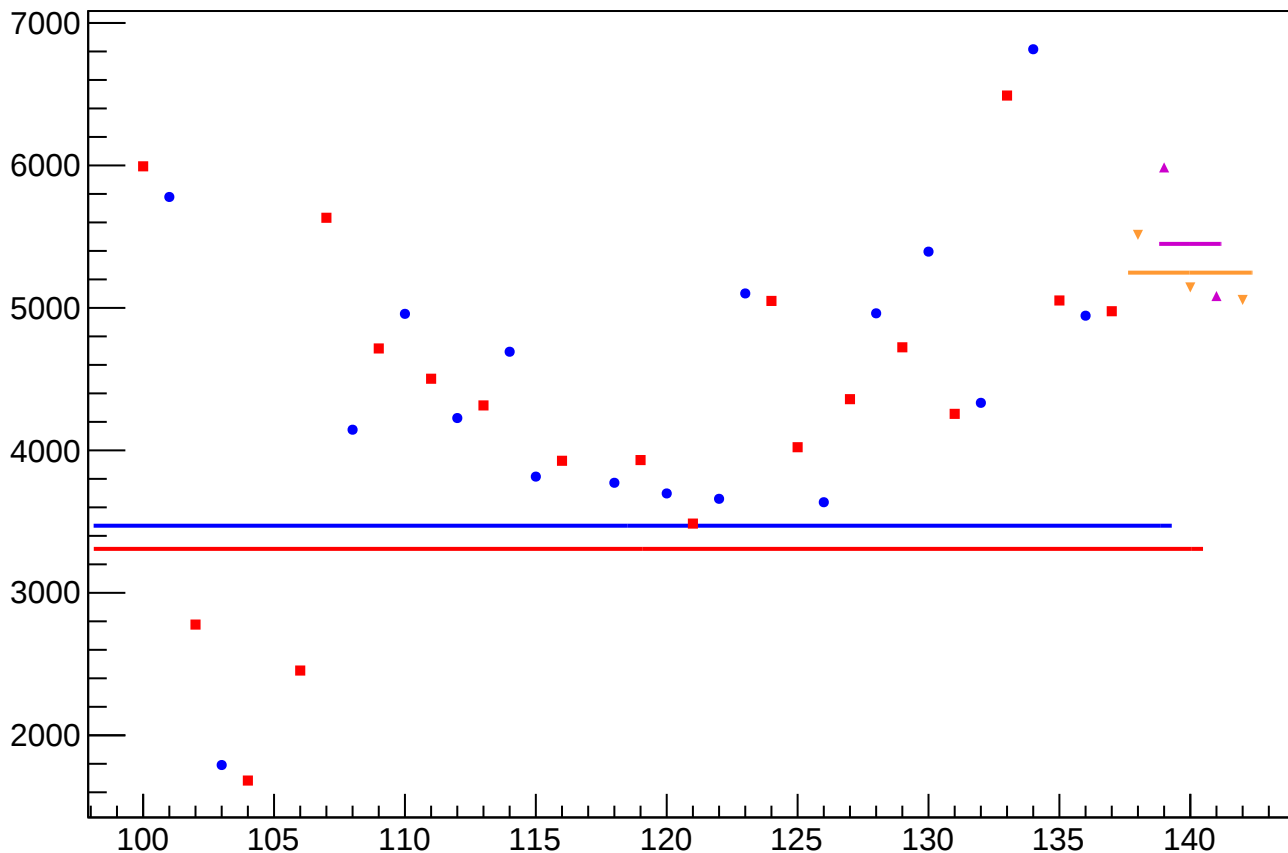
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 3142.617+/-1370.494 χ^2/NDF : 14.6/18

Out: 1239.341+/-1297.200 χ^2/NDF : 20.3/21

All: 2138.727+/-942.105 χ^2/NDF : 36.0/40

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: 5247.504+/-2.664 χ^2/NDF : 5223.6/2

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

Left In: 5449.391+/-3.027 χ^2/NDF : 21450.5/1

Left: 5335.613+/-2.000 χ^2/NDF : 29181.2/4

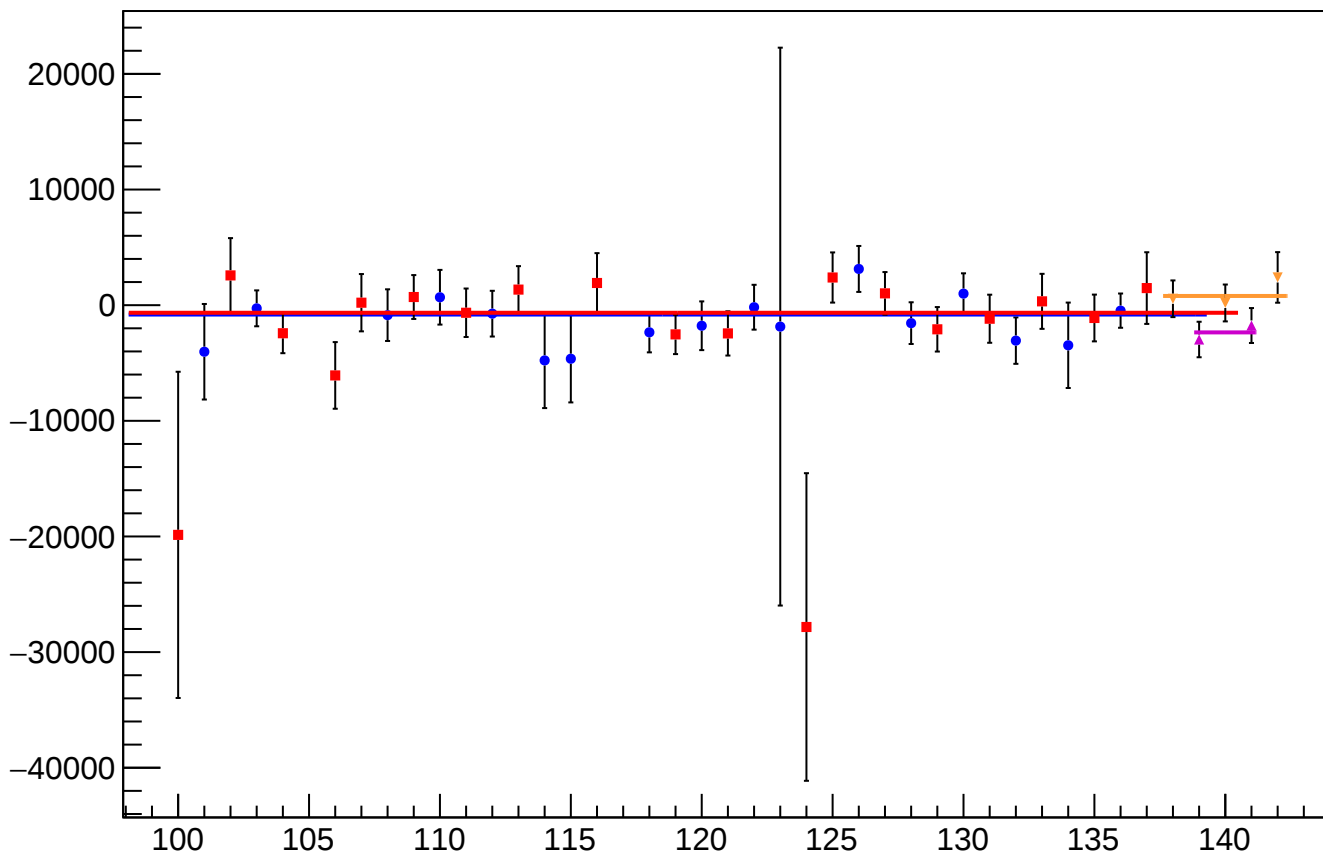
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 3673.915+/-0.969 χ^2/NDF : 2172692.8/18

Out: 3534.789+/-0.910 χ^2/NDF : 2387658.6/21

All: 3599.972+/-0.663 χ^2/NDF : 4571306.1/40

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: 797.409+/-1000.109 χ^2/NDF : 0.7/2

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

Left In: -2353.485+/-1076.508 χ^2/NDF : 0.3/1

Left: -662.272+/-732.706 χ^2/NDF : 5.6/4

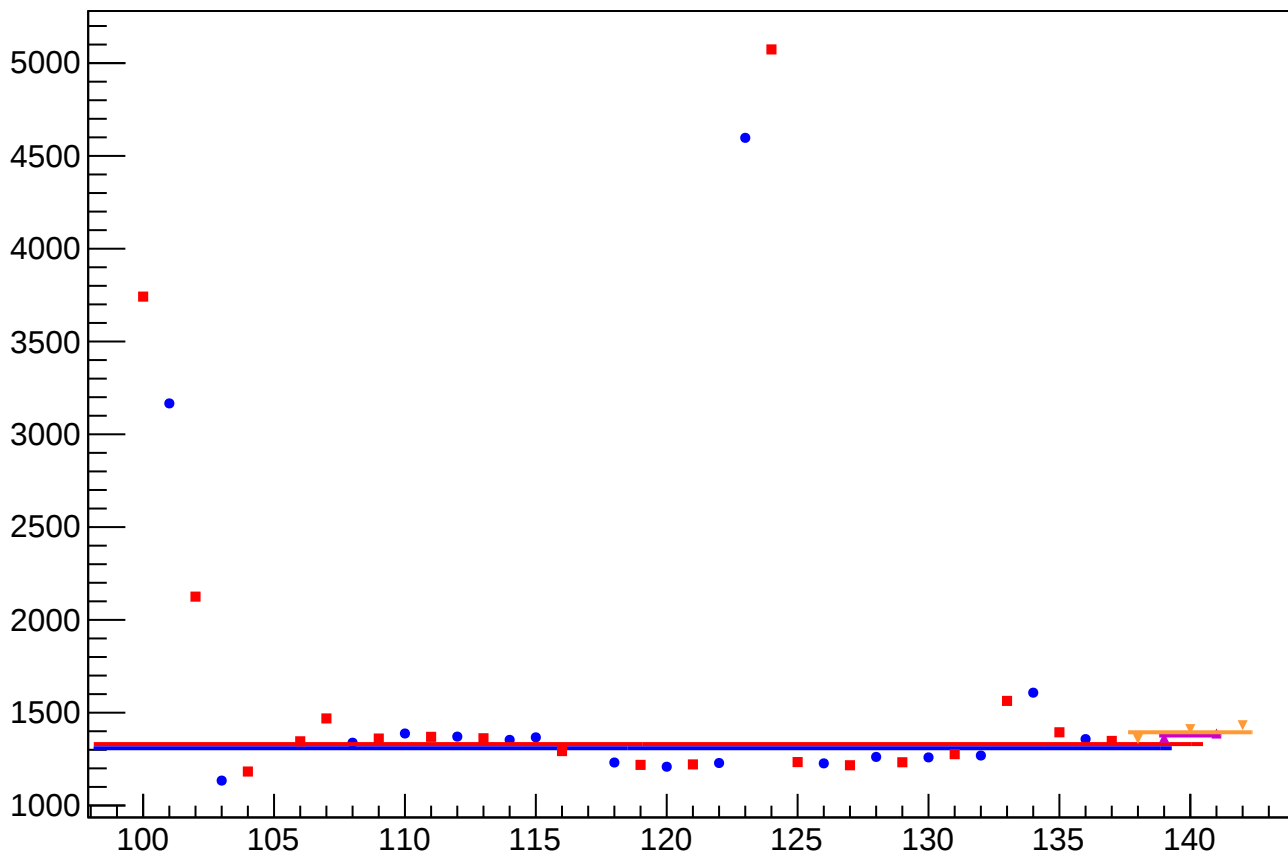
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -1099.562+/-466.912 χ^2/NDF : 13.2/18

Out: -351.960+/-457.571 χ^2/NDF : 22.8/21

All: -718.208+/-326.804 χ^2/NDF : 37.3/40

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1394.506+/-0.707 χ^2/NDF :1877.1/2

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

Left In: 1376.939+/-0.761 χ^2/NDF :209.1/1

Left: 1386.368+/-0.518 χ^2/NDF : 2372.1/4

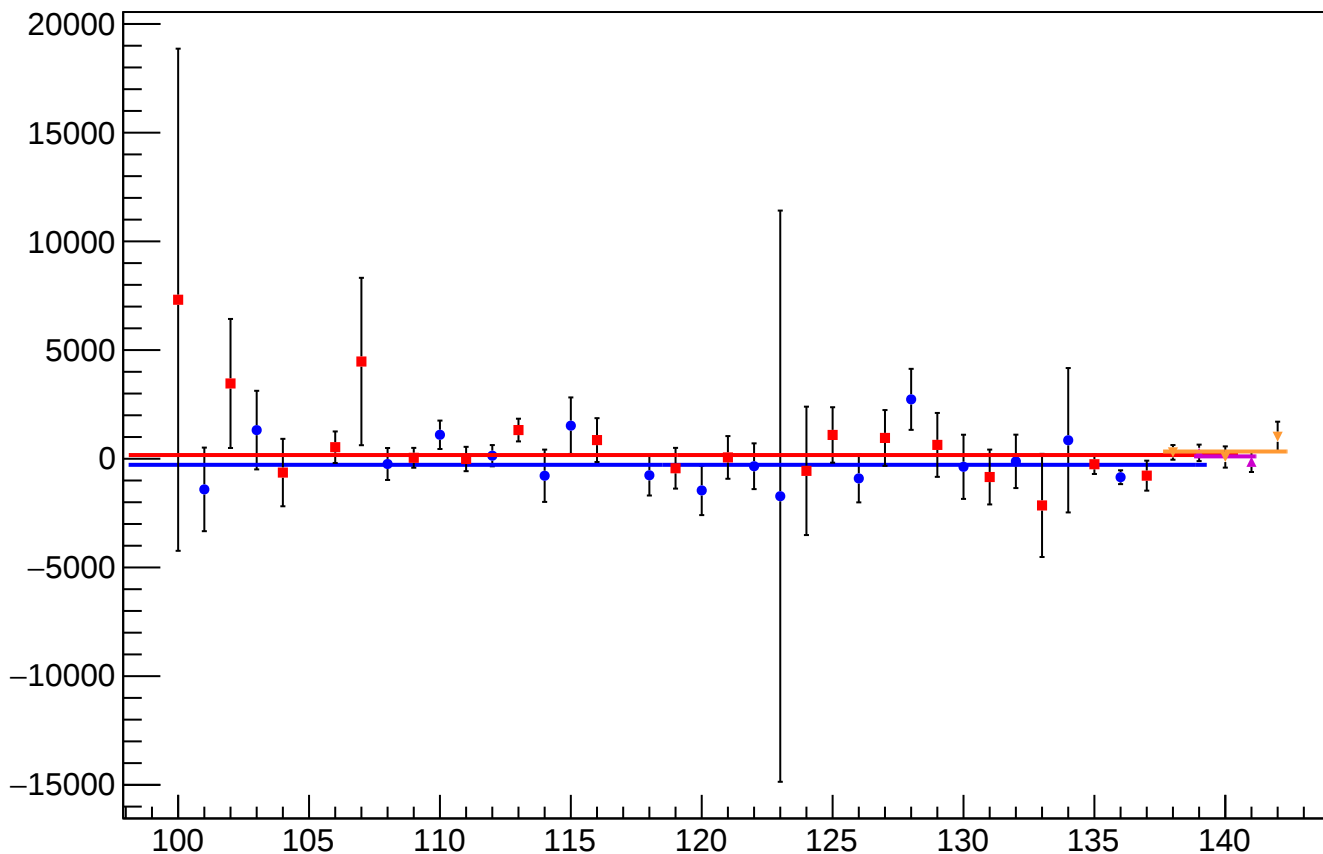
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1321.266+/-0.330 χ^2/NDF :513342.6/18

Out: 1344.182+/-0.324 χ^2/NDF :424127.0/21

All: 1332.956+/-0.231 χ^2/NDF : 939927.2/40

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: 334.140 ± 258.106 χ^2/NDF : 1.2/2

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

Left In: 109.209 ± 294.621 χ^2/NDF : 0.5/1

Left: 236.470 ± 194.143 χ^2/NDF : 2.0/4

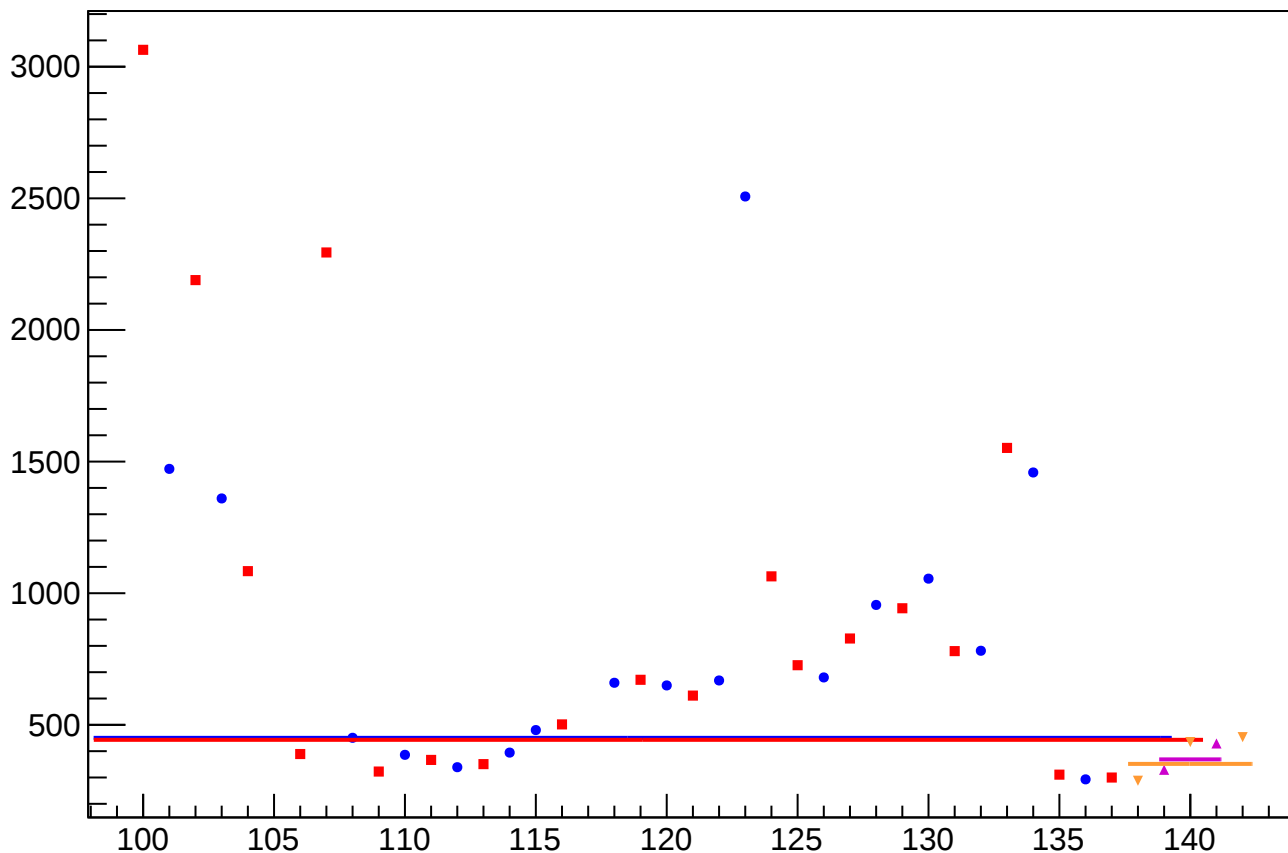
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

In: -157.914 ± 164.407 χ^2/NDF : 19.7/18

Out: 229.676 ± 154.289 χ^2/NDF : 16.2/21

All: 48.173 ± 112.506 χ^2/NDF : 38.9/40

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 351.656 $\pm$ 0.183 χ^2 /NDF:172170.1/2

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

Left In: 368.770 $\pm$ 0.208 χ^2 /NDF:55068.8/1

Left: 359.087 $\pm$ 0.137 χ^2 /NDF: 231056.9/4

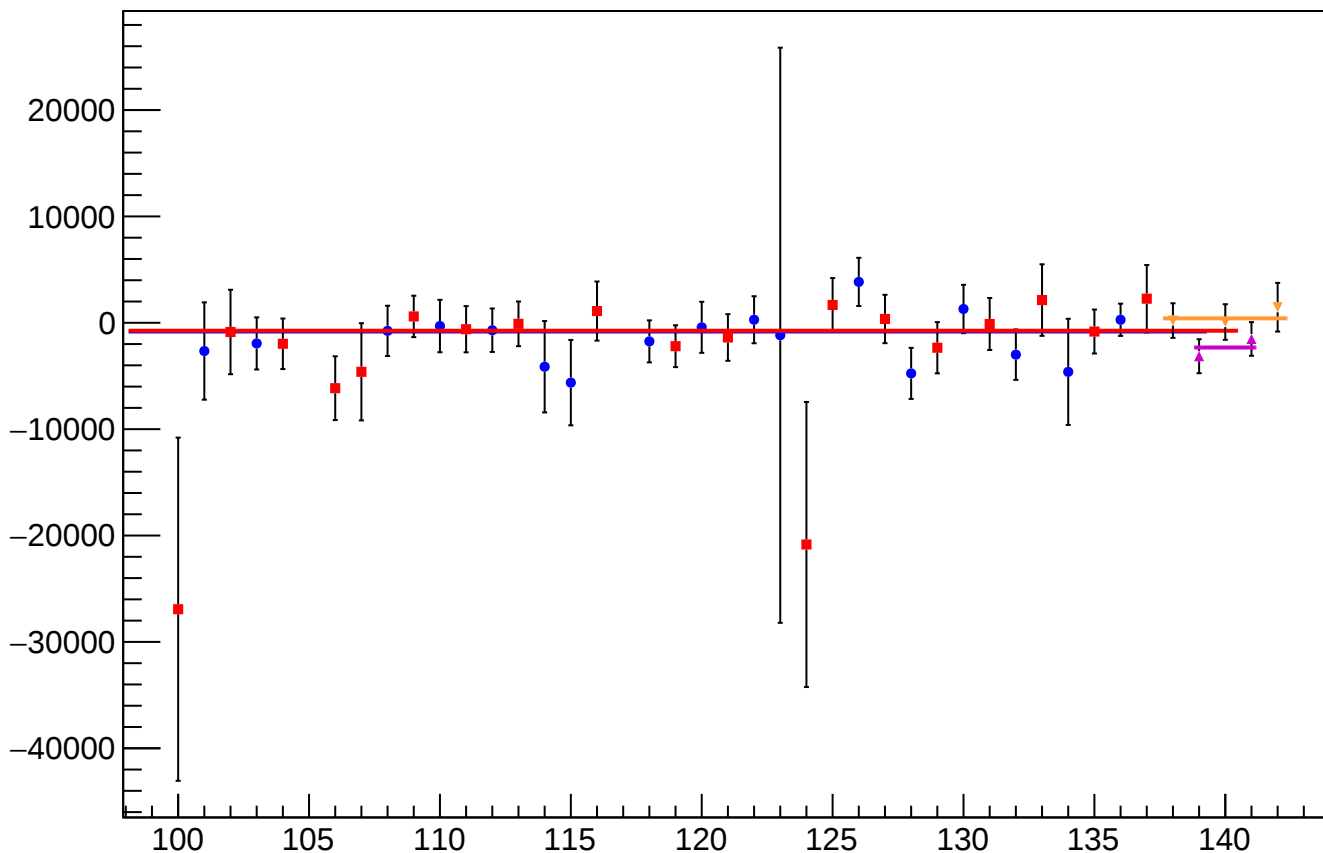
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 425.115 $\pm$ 0.116 χ^2 /NDF:3159035.0/18

Out: 410.421 $\pm$ 0.109 χ^2 /NDF:3804863.1/21

All: 417.302 $\pm$ 0.080 χ^2 /NDF: 6972393.0/40

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: 415.520+/-1038.706 χ^2/NDF : 0.3/2

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

Left In: -2322.737+/-1124.055 χ^2/NDF : 0.5/1

Left: -845.716+/-762.867 χ^2/NDF : 4.0/4

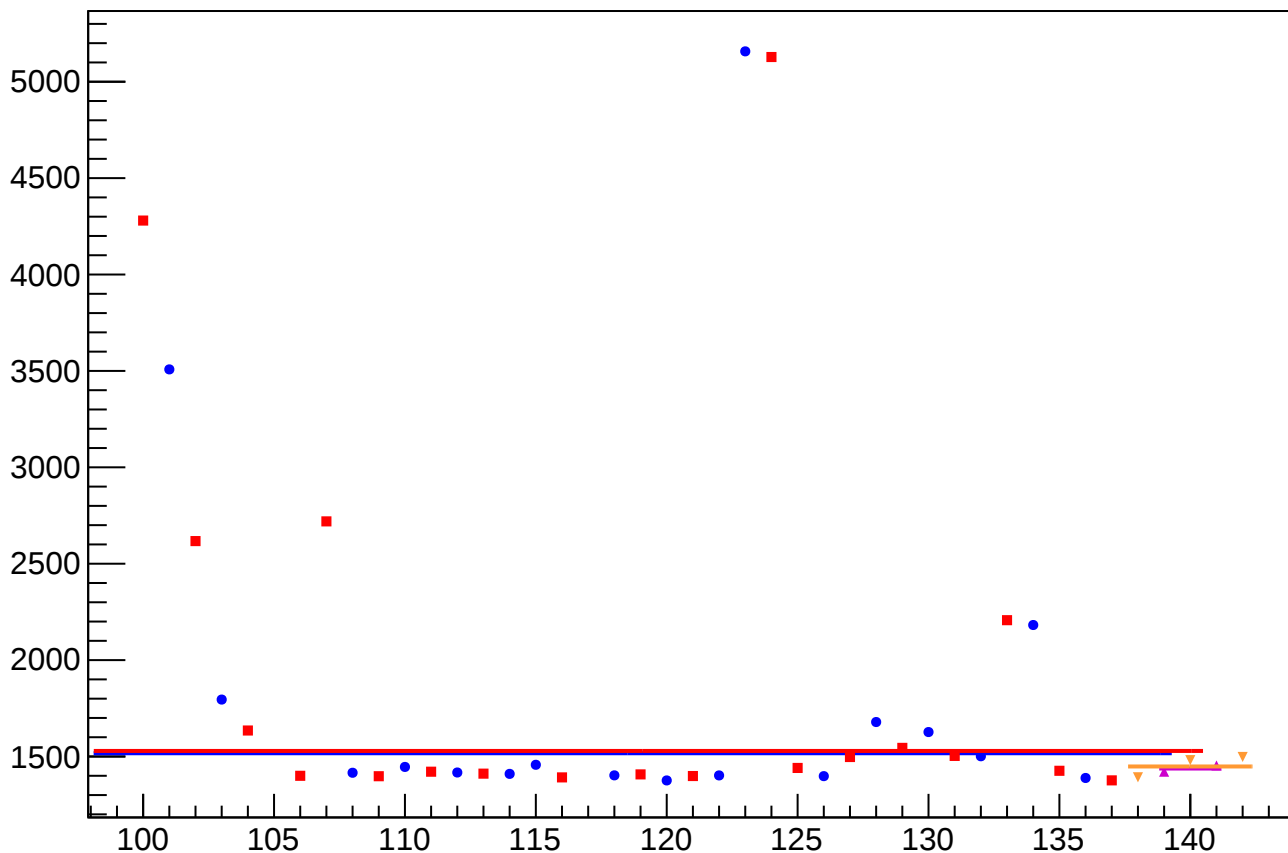
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -1151.968+/-530.102 χ^2/NDF : 14.6/18

Out: -458.828+/-516.723 χ^2/NDF : 15.3/21

All: -796.541+/-370.018 χ^2/NDF : 30.8/40

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1448.290+/-0.734 χ^2/NDF : 4086.4/2

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

Left In: 1437.596+/-0.795 χ^2/NDF : 410.3/1

Left: 1443.364+/-0.539 χ^2/NDF : 4594.3/4

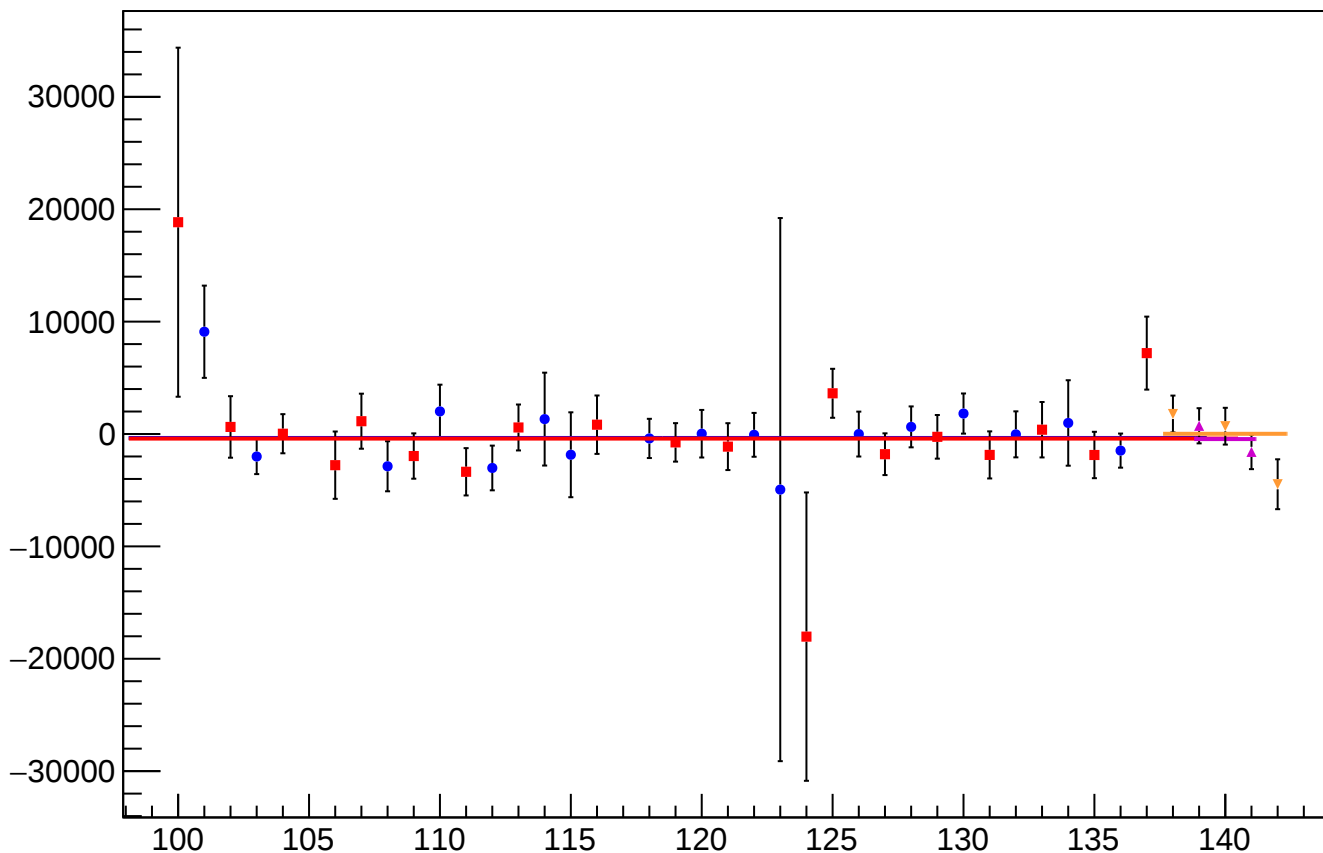
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1499.290+/-0.375 χ^2/NDF : 549197.8/18

Out: 1508.918+/-0.365 χ^2/NDF : 643322.6/21

All: 1504.227+/-0.262 χ^2/NDF : 1192858.8/40

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: 17.510+/-1026.120 χ^2/NDF : 5.4/2

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

Left In: -451.939+/-1096.353 χ^2/NDF : 1.1/1

Left: -201.698+/-749.176 χ^2/NDF : 6.6/4

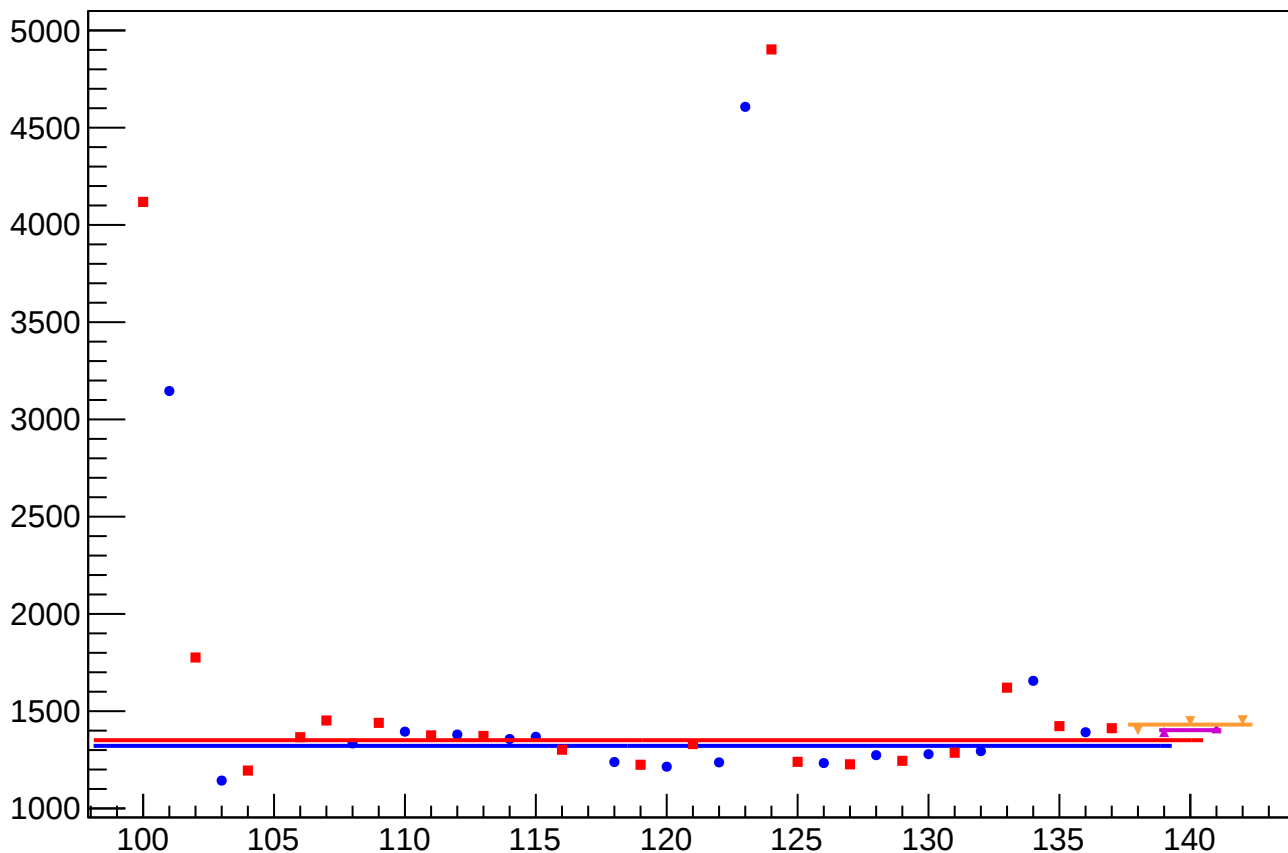
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -371.466+/-472.279 χ^2/NDF : 14.5/18

Out: -320.023+/-465.291 χ^2/NDF : 23.9/21

All: -345.361+/-331.454 χ^2/NDF : 38.5/40

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: 1431.047+/-0.726 χ^2/NDF :1079.5/2

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

Left In: 1402.446+/-0.775 χ^2/NDF :154.8/1

Left: 1417.692+/-0.530 χ^2/NDF : 1959.8/4

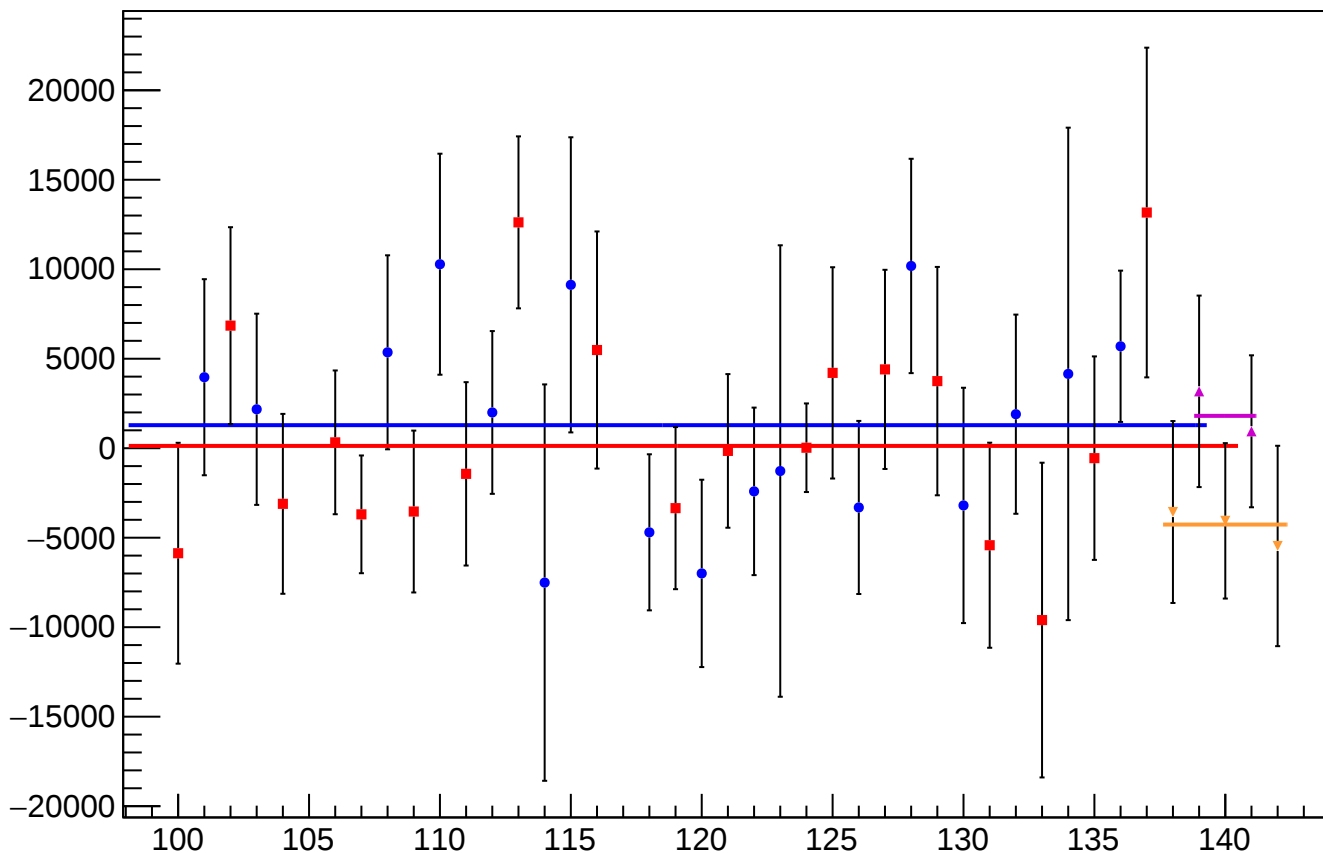
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

In: 1336.686+/-0.334 χ^2/NDF :511235.3/18

Out: 1367.264+/-0.329 χ^2/NDF :360689.0/21

All: 1352.209+/-0.234 χ^2/NDF : 876180.8/40

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: -4265.842+/-2843.673 χ^2/NDF : 0.1/2

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

Left In: 1808.083+/-3325.658 χ^2/NDF : 0.1/1

Left: -1700.532+/-2161.289 χ^2/NDF : 2.1/4

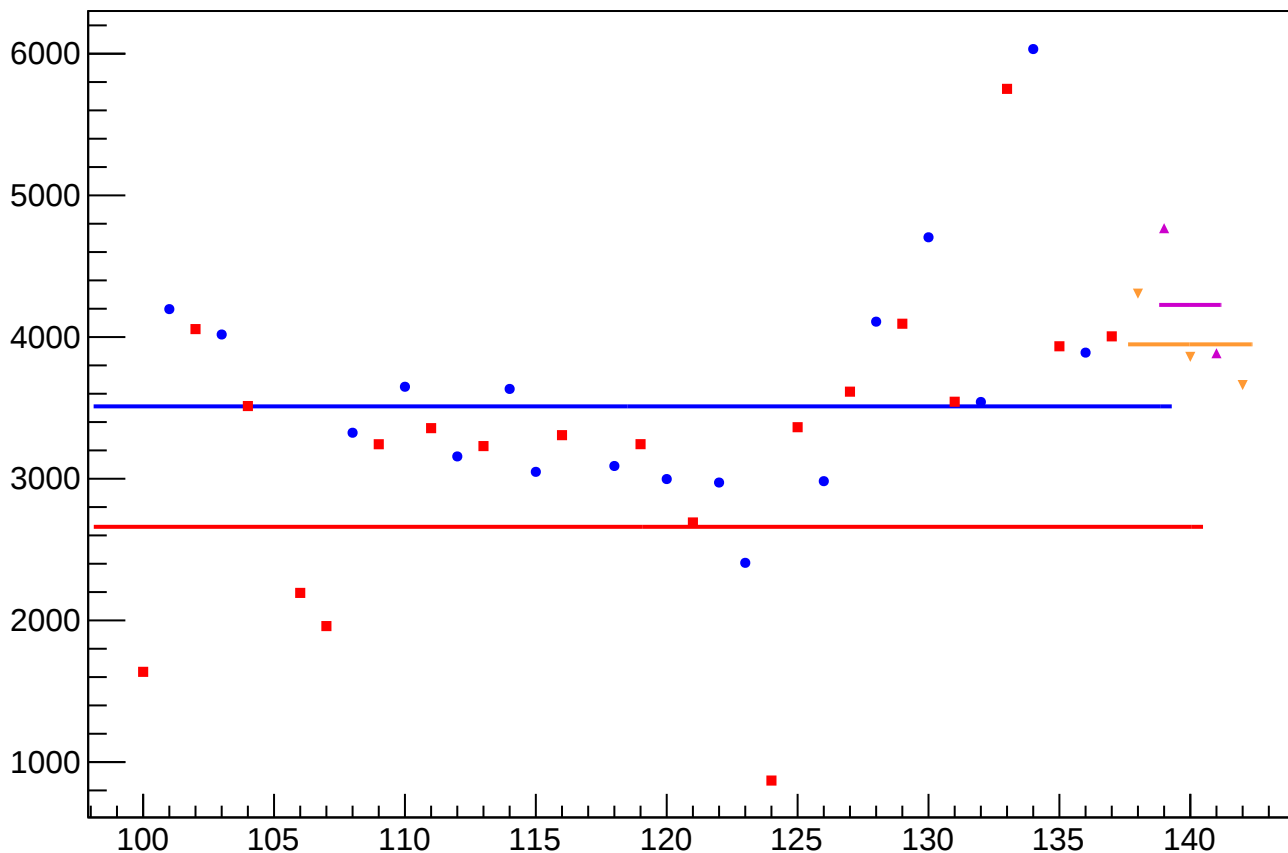
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 1363.574+/-1271.349 χ^2/NDF : 14.4/18

Out: -432.437+/-1016.365 χ^2/NDF : 20.7/21

All: 267.845+/-793.865 χ^2/NDF : 36.3/40

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3948.550+/-2.011 χ^2/NDF :16008.6/2

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

Left In: 4226.972+/-2.352 χ^2/NDF :33396.6/1

Left: 4066.141+/-1.528 χ^2/NDF : 57502.7/4

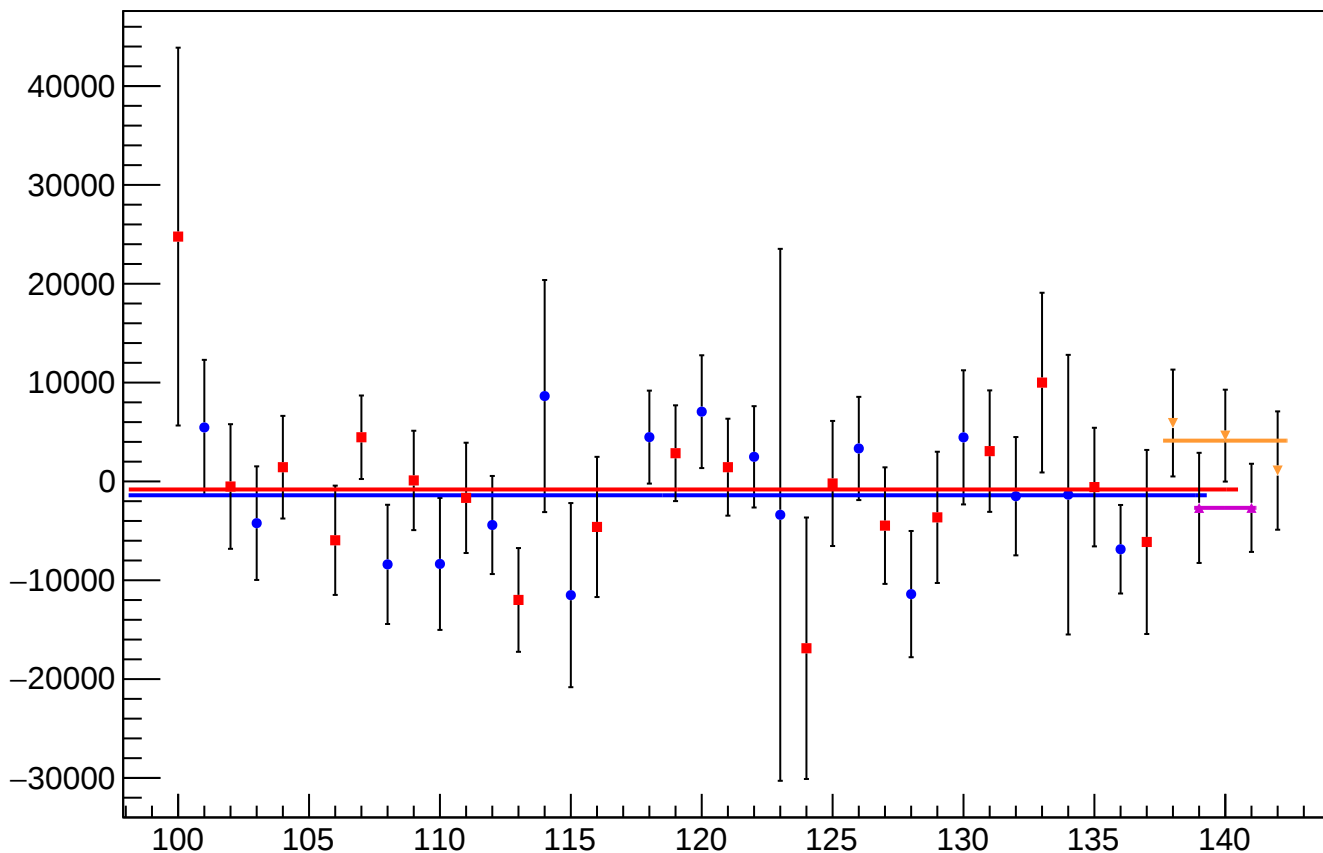
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

In: 3615.462+/-0.899 χ^2/NDF :456645.8/18

Out: 2825.159+/-0.719 χ^2/NDF :2556505.9/21

All: 3133.306+/-0.561 χ^2/NDF : 3484650.9/40

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: 4126.379+/-3037.328 χ^2/NDF : 0.4/2

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

Left In: -2674.503+/-3481.723 χ^2/NDF : 0.0/1

Left: 1187.400+/-2288.810 χ^2/NDF : 2.5/4

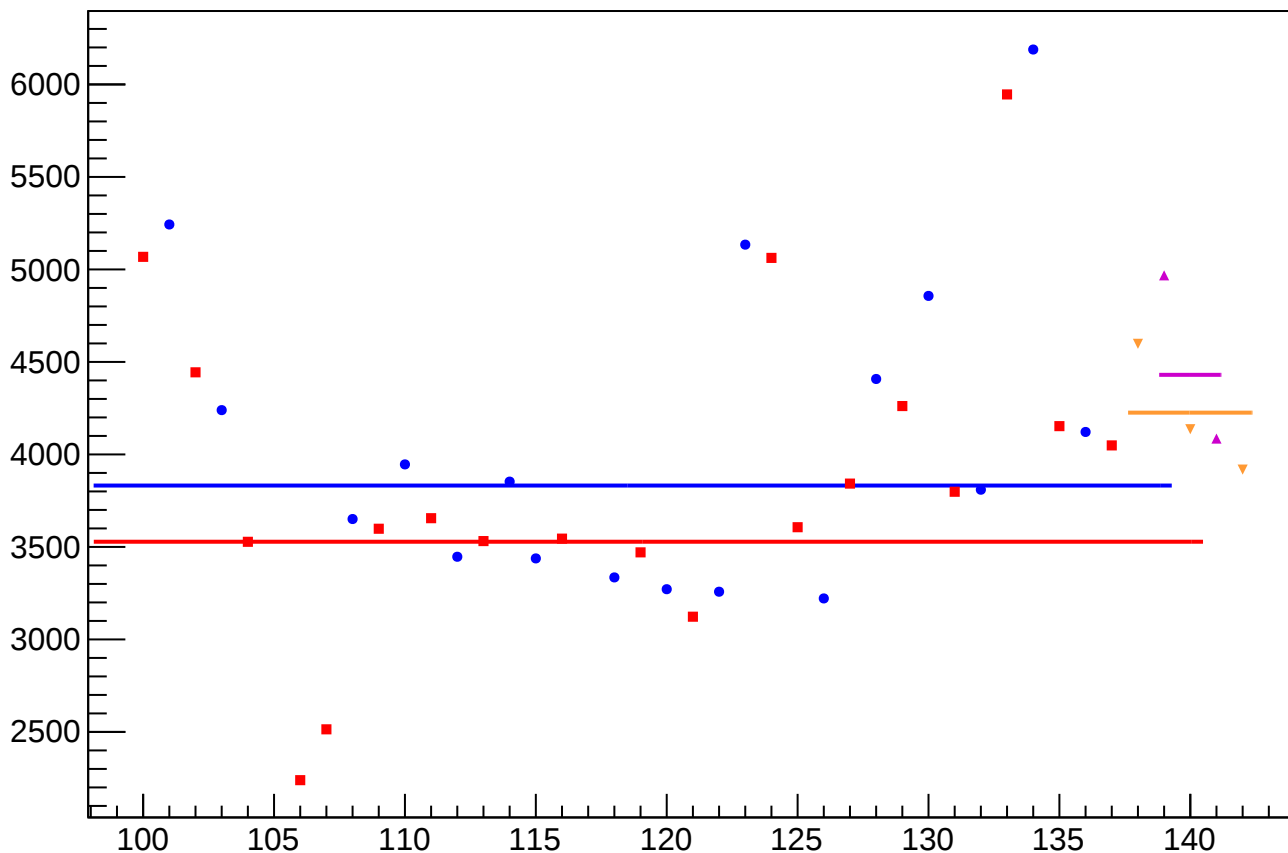
Right: -1082.331+/-1016.512 χ^2/NDF : 30.1/35

In: -1601.670+/-1380.805 χ^2/NDF : 15.9/18

Out: 30.375+/-1255.725 χ^2/NDF : 16.8/21

All: -708.395+/-929.011 χ^2/NDF : 33.5/40

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: 4225.887+/-2.148 χ^2/NDF : 15506.6/2

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

Left In: 4430.246+/-2.462 χ^2/NDF : 30571.6/1

Left: 4314.200+/-1.618 χ^2/NDF : 49990.8/4

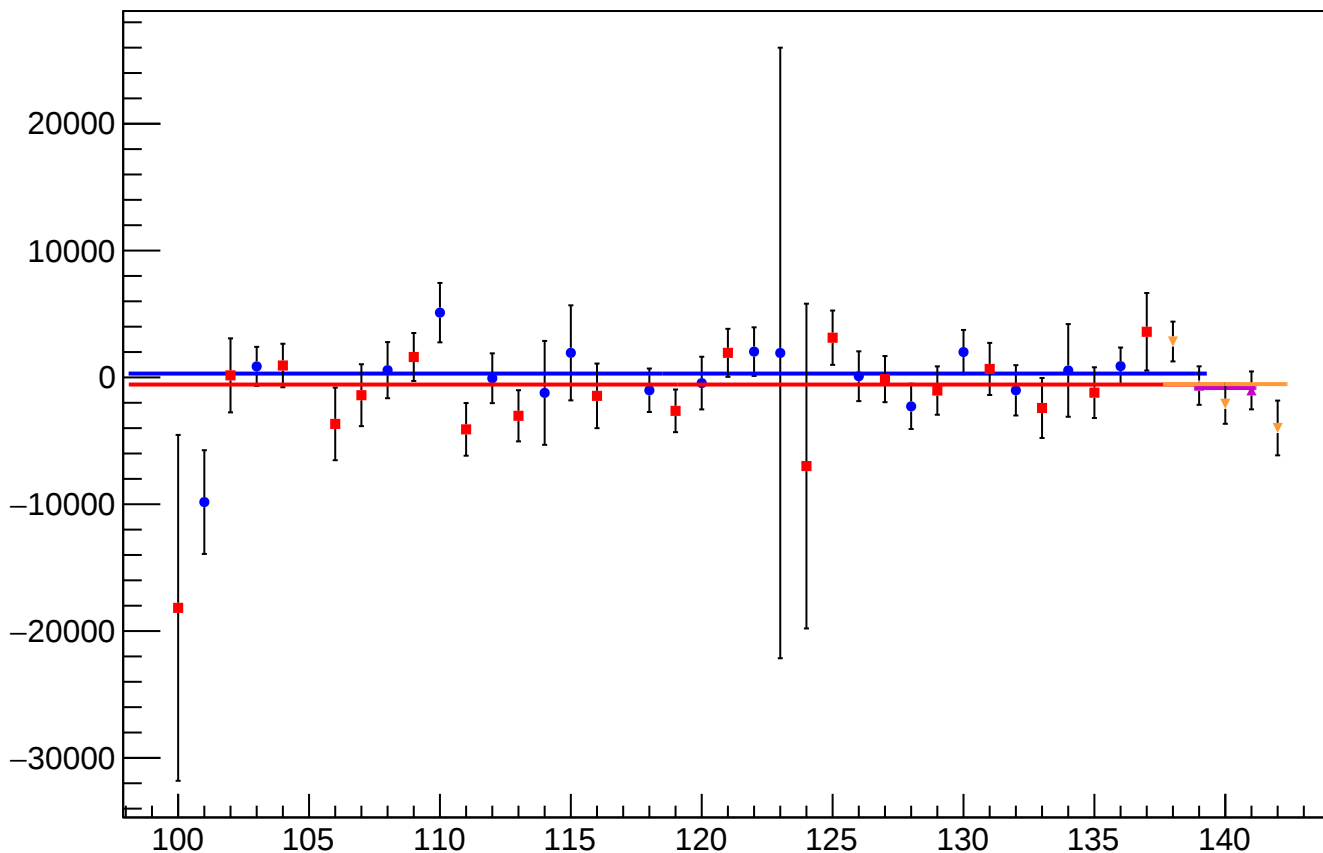
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 3925.936+/-0.976 χ^2/NDF : 418069.7/18

Out: 3645.574+/-0.881 χ^2/NDF : 660486.5/21

All: 3771.434+/-0.654 χ^2/NDF : 1123995.8/40

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -528.563 $\pm$ 988.670 χ^2 /NDF:8.1/2

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

Left In: -837.738 $\pm$ 1064.815 χ^2 /NDF:0.0/1

Left: -671.702 $\pm$ 724.521 χ^2 /NDF: 8.2/4

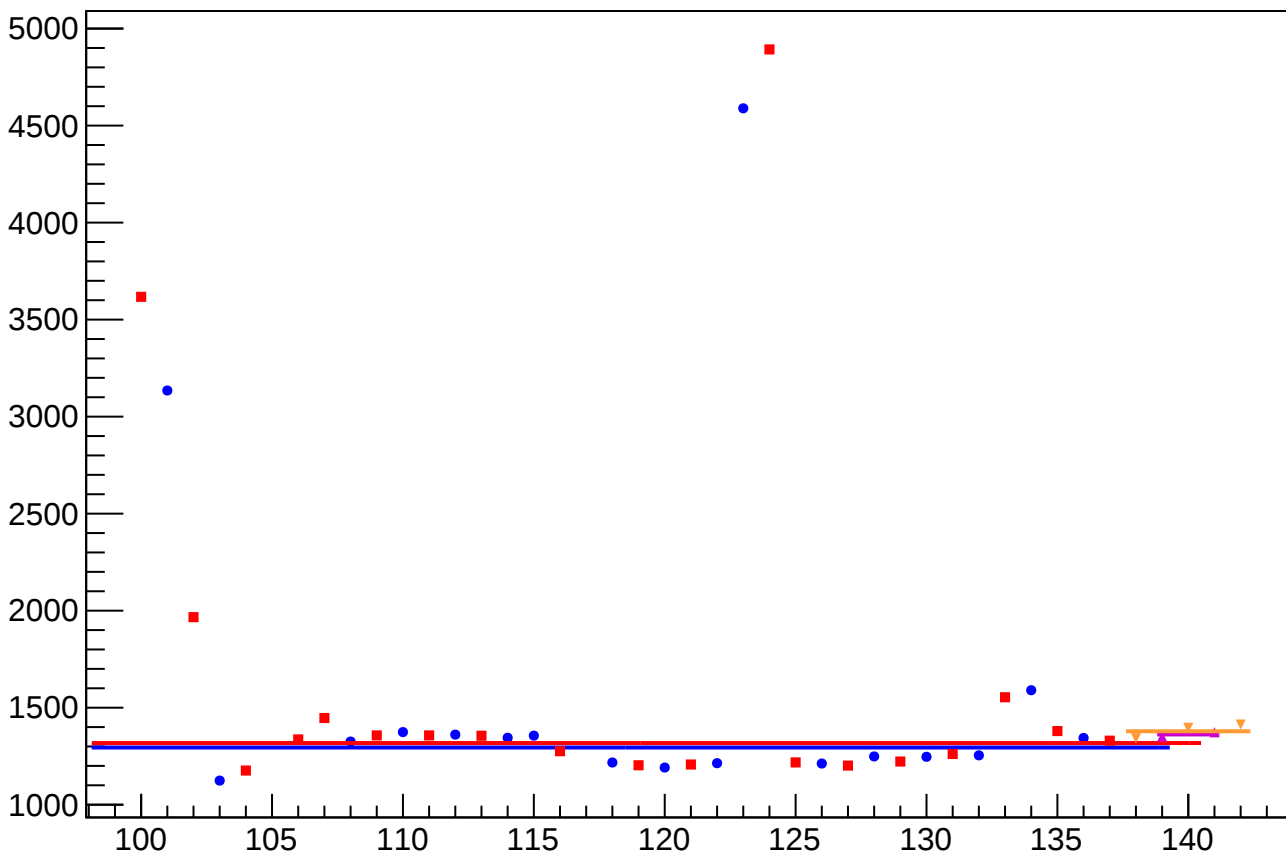
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: 87.381 $\pm$ 462.040 χ^2 /NDF:17.0/18

Out: -555.193 $\pm$ 452.076 χ^2 /NDF:27.3/21

All: -240.909 $\pm$ 323.131 χ^2 /NDF: 45.3/40

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1378.447+/-0.699 χ^2/NDF : 1815.3/2

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

Left In: 1362.078+/-0.753 χ^2/NDF : 223.6/1

Left: 1370.869+/-0.512 χ^2/NDF : 2292.7/4

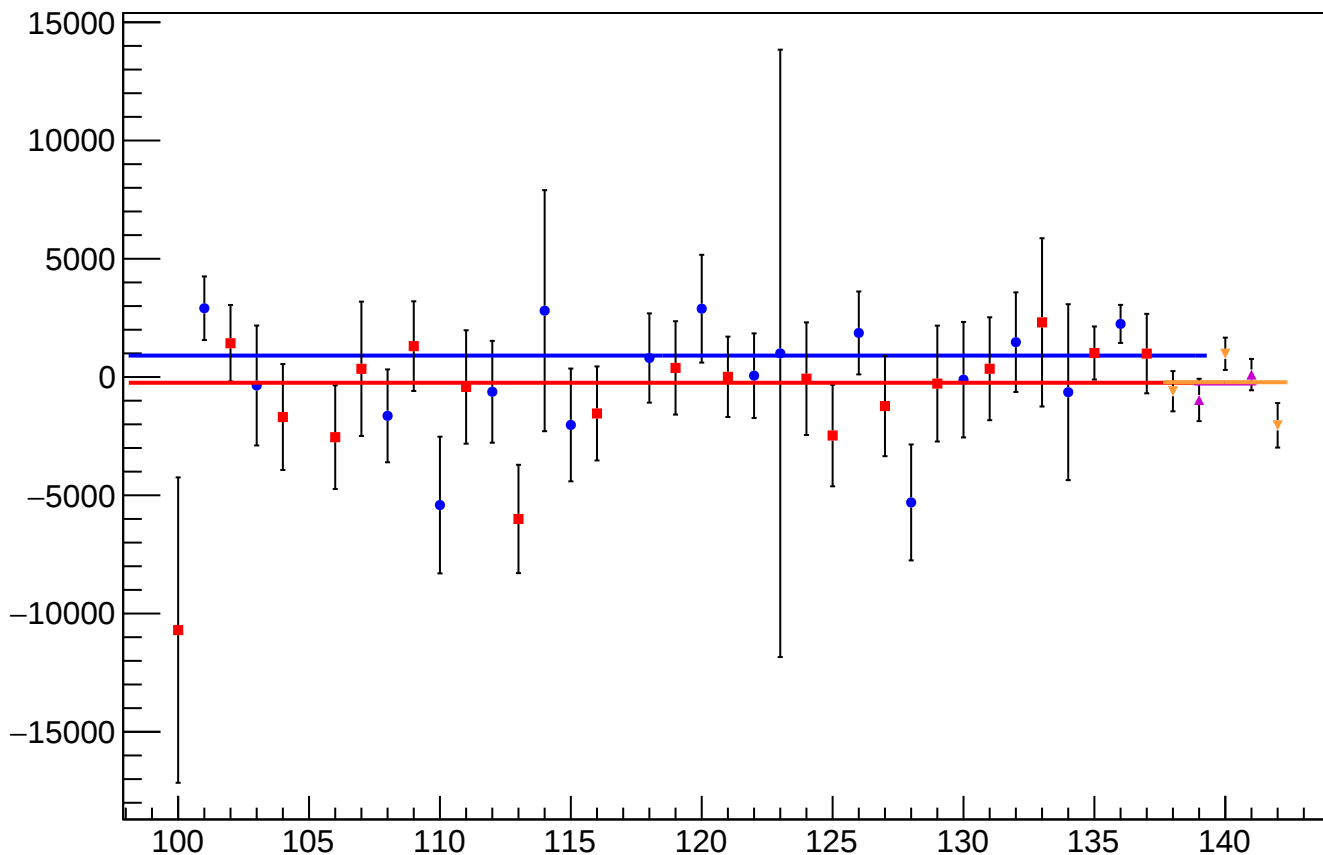
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1307.410+/-0.327 χ^2/NDF : 514522.0/18

Out: 1330.471+/-0.320 χ^2/NDF : 398577.1/21

All: 1319.192+/-0.228 χ^2/NDF : 915644.7/40

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -220.118+/-463.194 χ^2/NDF : 7.1/2

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

Left In: -275.880+/-532.756 χ^2/NDF : 0.9/1

Left: -244.123+/-349.552 χ^2/NDF : 8.0/4

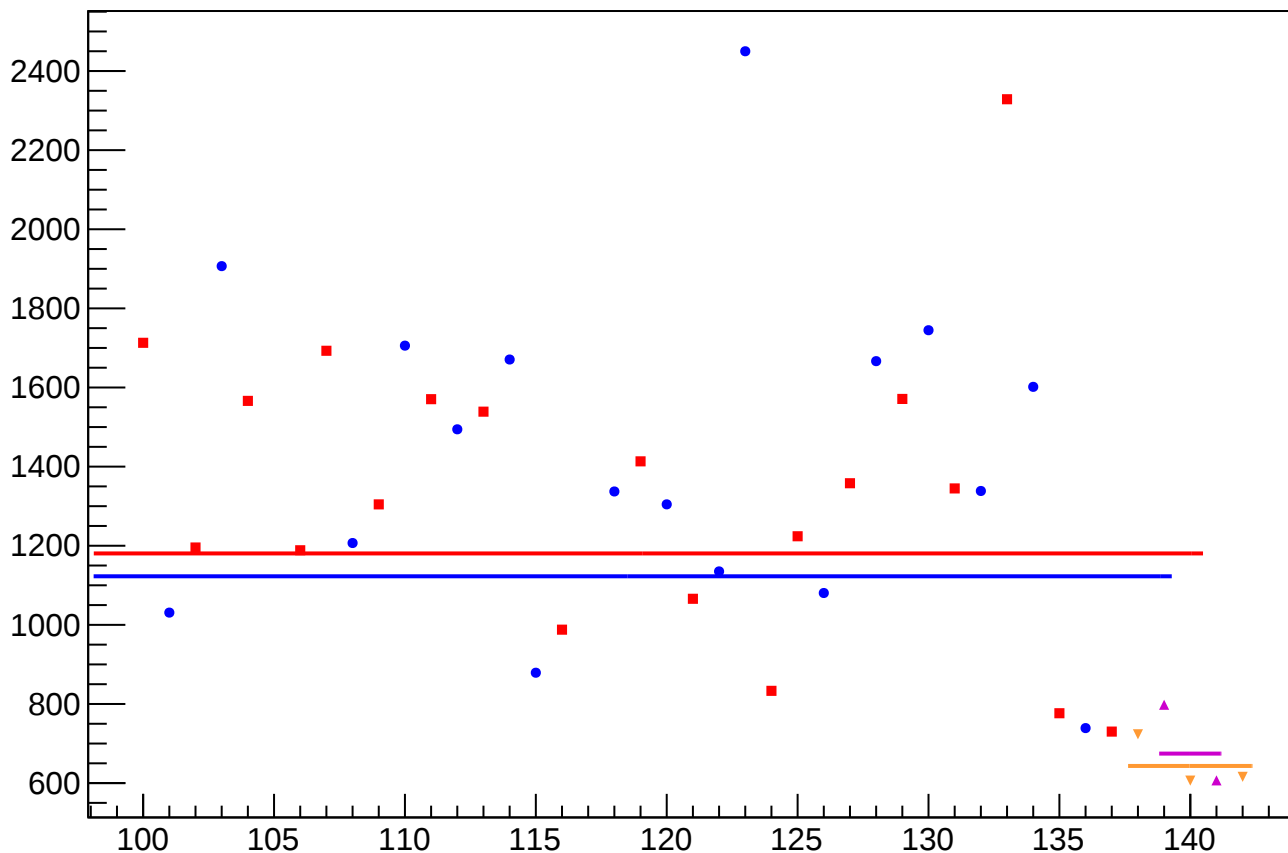
Right: 341.565+/-324.946 χ^2/NDF : 41.6/35

In: 406.859+/-346.359 χ^2/NDF : 25.8/18

Out: -231.208+/-327.579 χ^2/NDF : 23.5/21

All: 70.058+/-237.996 χ^2/NDF : 51.1/40

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: 643.342+/-0.328 χ^2/NDF : 25316.5/2

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

Left In: 674.561+/-0.377 χ^2/NDF : 58884.8/1

Left: 656.781+/-0.247 χ^2/NDF : 88112.4/4

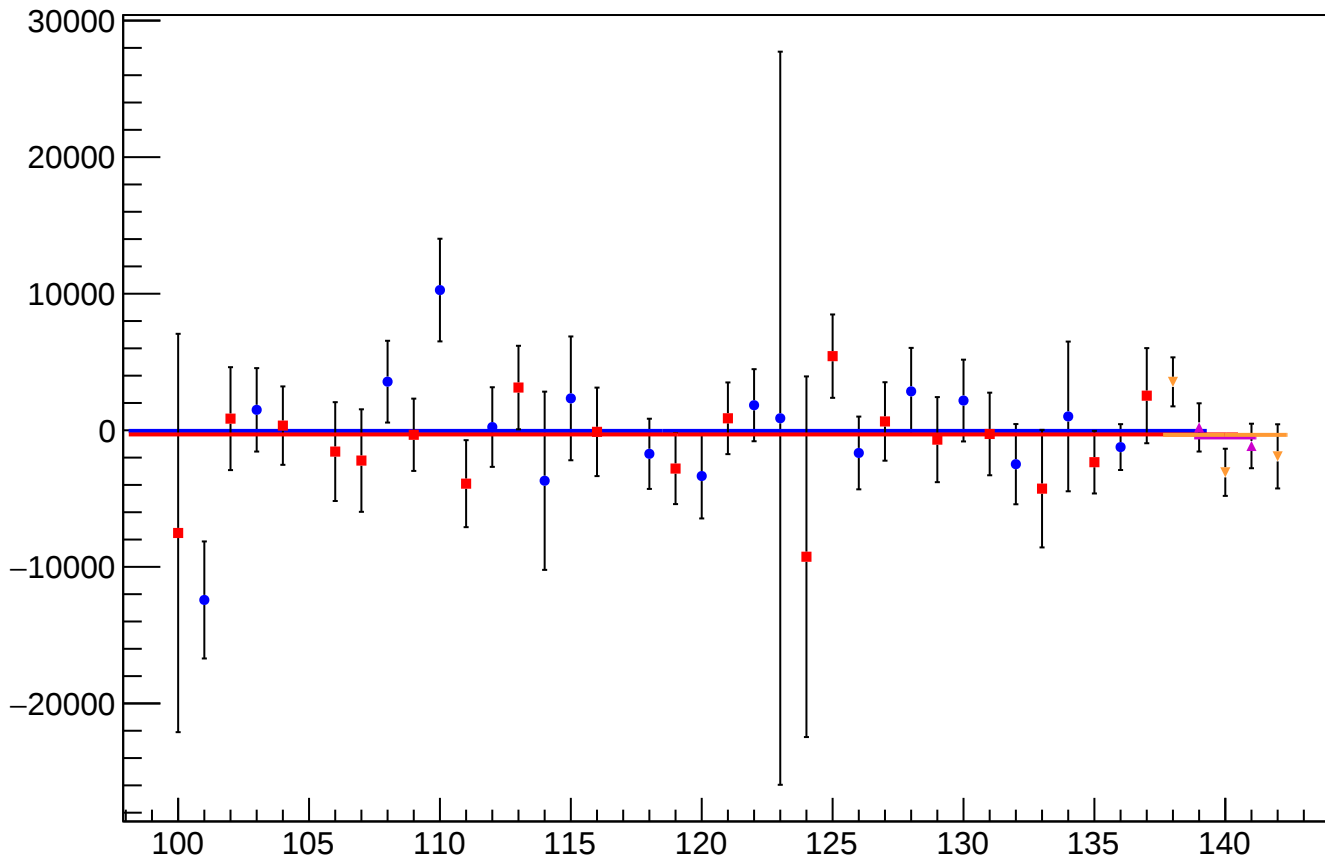
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 933.329+/-0.245 χ^2/NDF : 2064158.2/18

Out: 911.863+/-0.232 χ^2/NDF : 2405411.7/21

All: 921.999+/-0.168 χ^2/NDF : 4473624.8/40

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: -335.111 ± 1099.601 χ^2/NDF : 7.6/2

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -523.170 ± 1197.843 χ^2/NDF : 0.3/1

Left: -421.114 ± 810.044 χ^2/NDF : 8.0/4

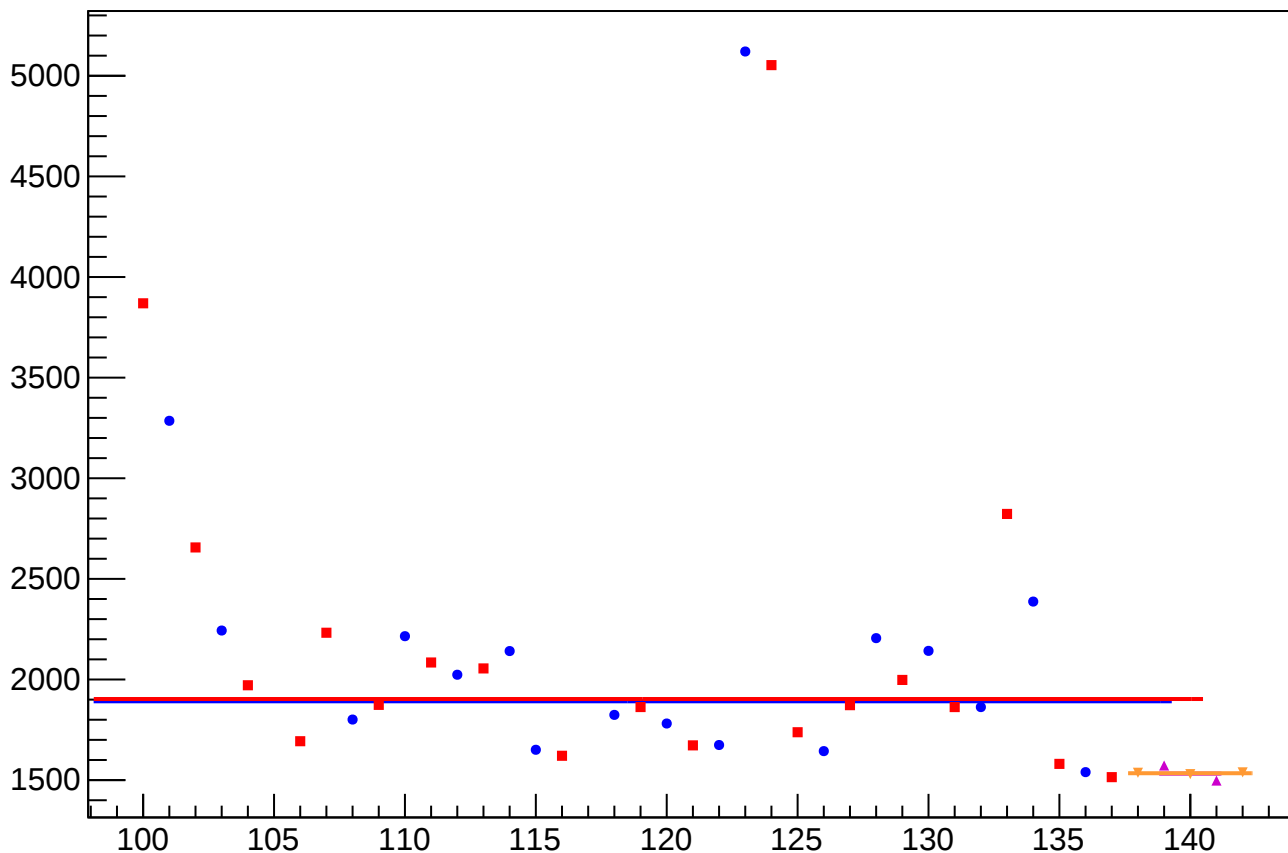
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -178.587 ± 634.207 χ^2/NDF : 23.6/18

Out: -313.404 ± 610.749 χ^2/NDF : 18.5/21

All: -248.535 ± 439.924 χ^2/NDF : 42.2/40

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: 1534.217+/-0.778 χ^2/NDF : 23.7/2

Right Out: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1532.177+/-0.847 χ^2/NDF : 1940.8/1

Left: 1533.284+/-0.573 χ^2/NDF : 1967.6/4

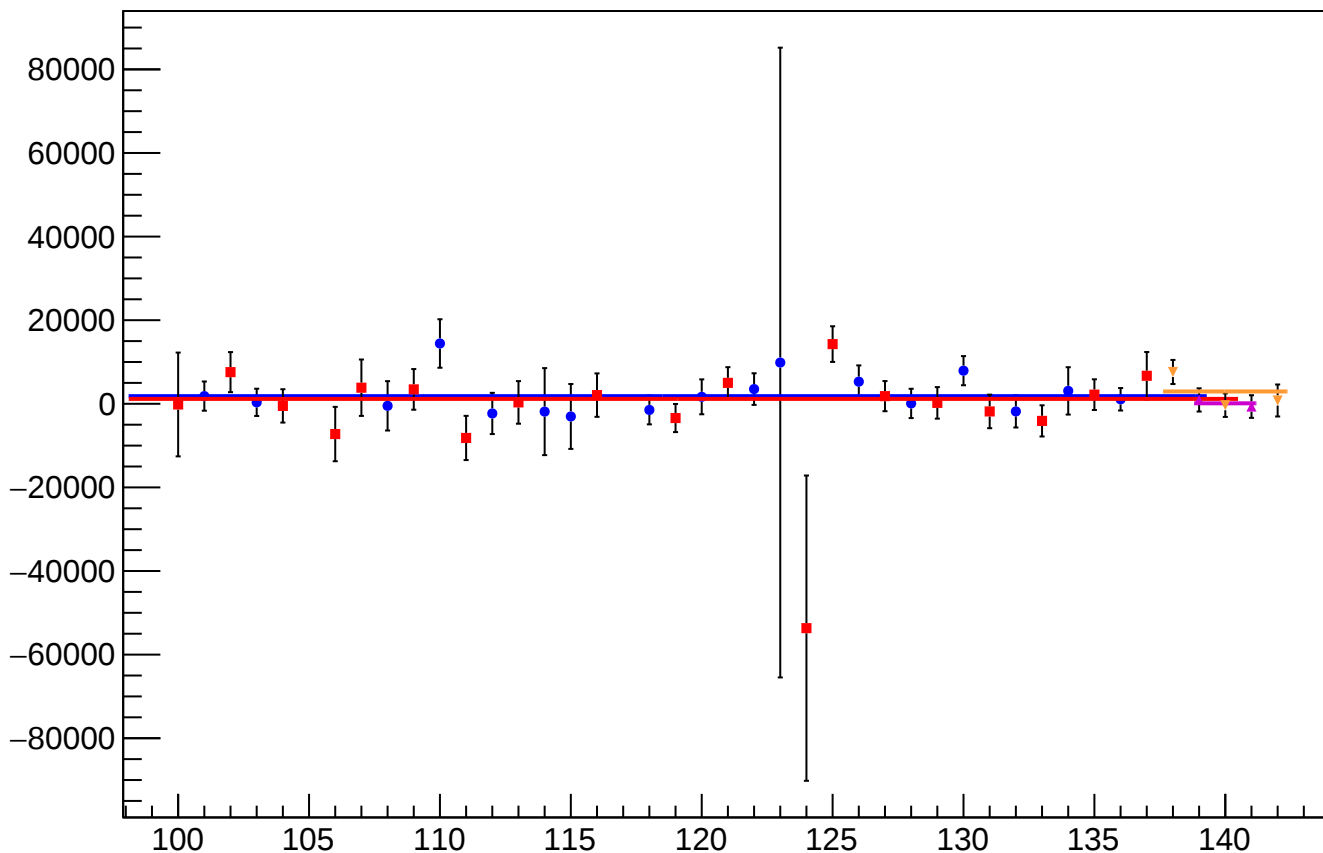
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1790.895+/-0.448 χ^2/NDF : 600670.7/18

Out: 1789.239+/-0.432 χ^2/NDF : 615739.0/21

All: 1790.036+/-0.311 χ^2/NDF : 1216416.8/40

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 2949.786+/-1781.425 χ^2/NDF : 4.3/2

Right Out: 1173.235+/-1046.189 χ^2/NDF : 25.5/18

Left In: 113.968+/-1938.510 χ^2/NDF : 0.2/1

Left: 1651.414+/-1311.681 χ^2/NDF : 5.6/4

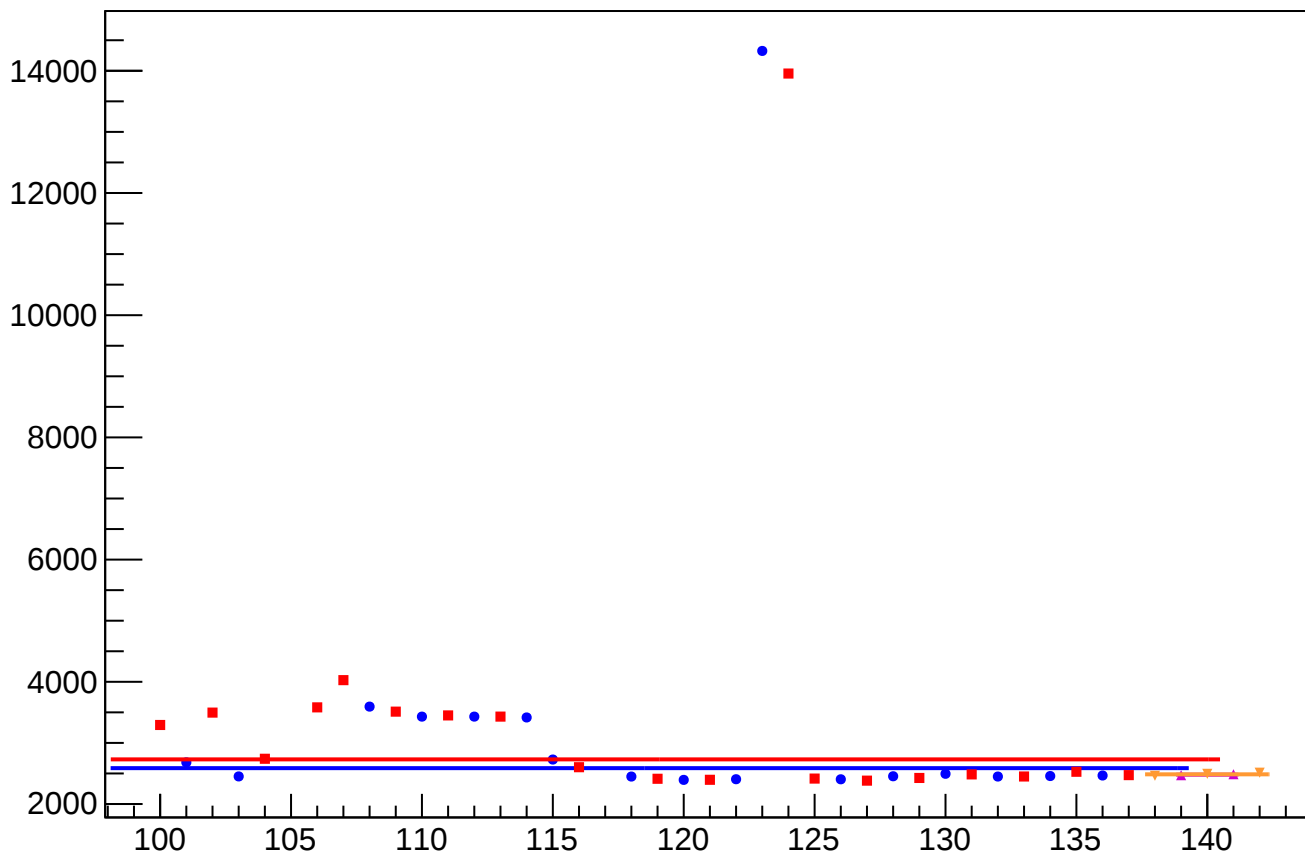
Right: 1510.553+/-726.697 χ^2/NDF : 38.2/35

In: 1459.627+/-895.832 χ^2/NDF : 13.3/18

Out: 1628.826+/-902.124 χ^2/NDF : 30.5/21

All: 1543.635+/-635.662 χ^2/NDF : 43.9/40

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2485.847+/-1.260 χ^2/NDF : 250.6/2

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2479.781+/-1.371 χ^2/NDF : 35.0/1

Left: 2483.070+/-0.927 χ^2/NDF : 296.2/4

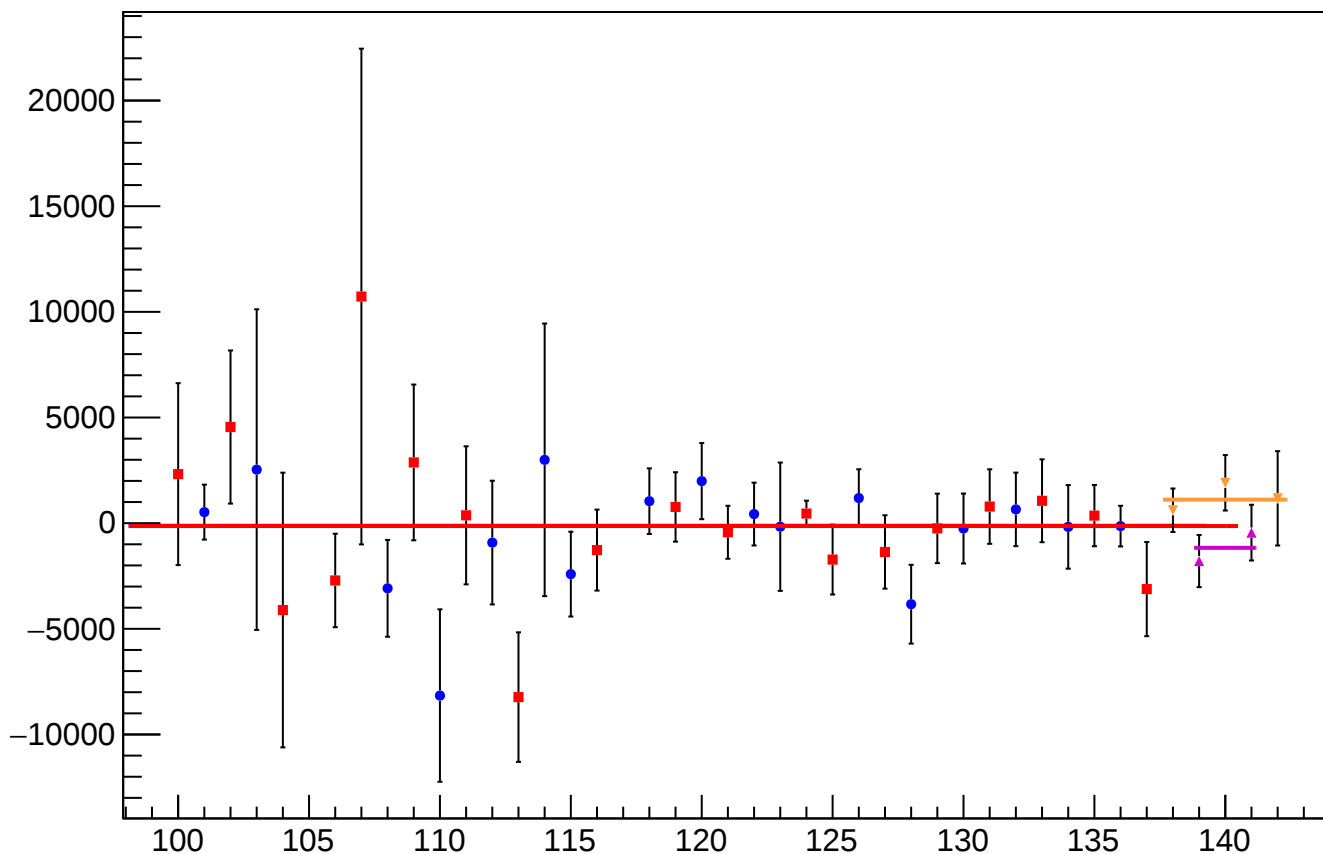
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2564.085+/-0.633 χ^2/NDF : 258957.5/18

Out: 2667.748+/-0.638 χ^2/NDF : 613288.3/21

All: 2615.554+/-0.449 χ^2/NDF : 885542.5/40

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 1114.054+/-760.983 χ^2/NDF : 0.6/2

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: -1166.180+/-900.402 χ^2/NDF : 0.6/1

Left: 163.951+/-581.209 χ^2/NDF : 4.9/4

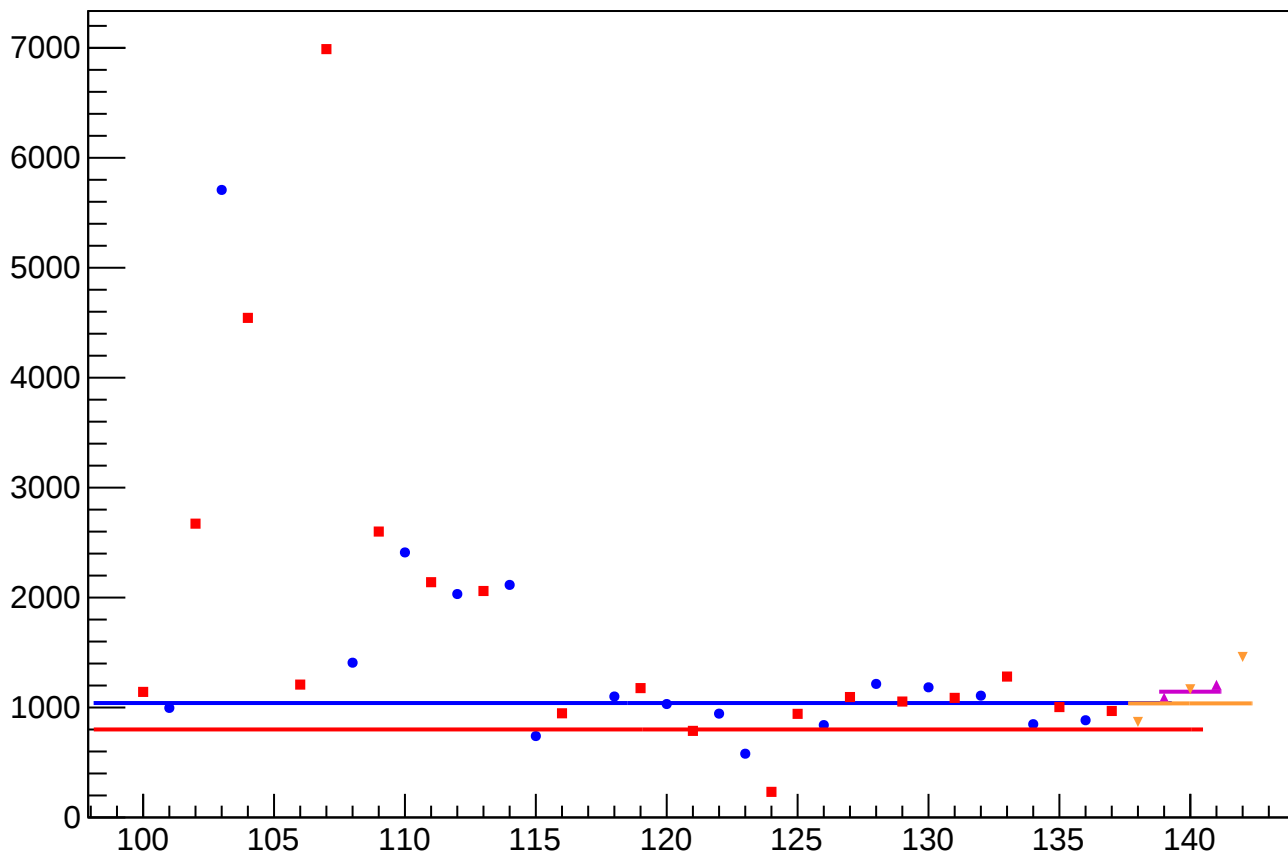
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -318.487+/-388.581 χ^2/NDF : 16.3/18

Out: 113.434+/-339.568 χ^2/NDF : 20.7/21

All: -73.585+/-255.695 χ^2/NDF : 37.7/40

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 ± 0.305 χ^2/NDF : 1573034.8/16

Left Out: 1037.554 ± 0.538 χ^2/NDF : 144537.1/2

Right Out: 800.407 ± 0.268 χ^2/NDF : 5187026.8/18

Left In: 1143.823 ± 0.637 χ^2/NDF : 8419.3/1

Left: 1081.833 ± 0.411 χ^2/NDF : 169207.6/4

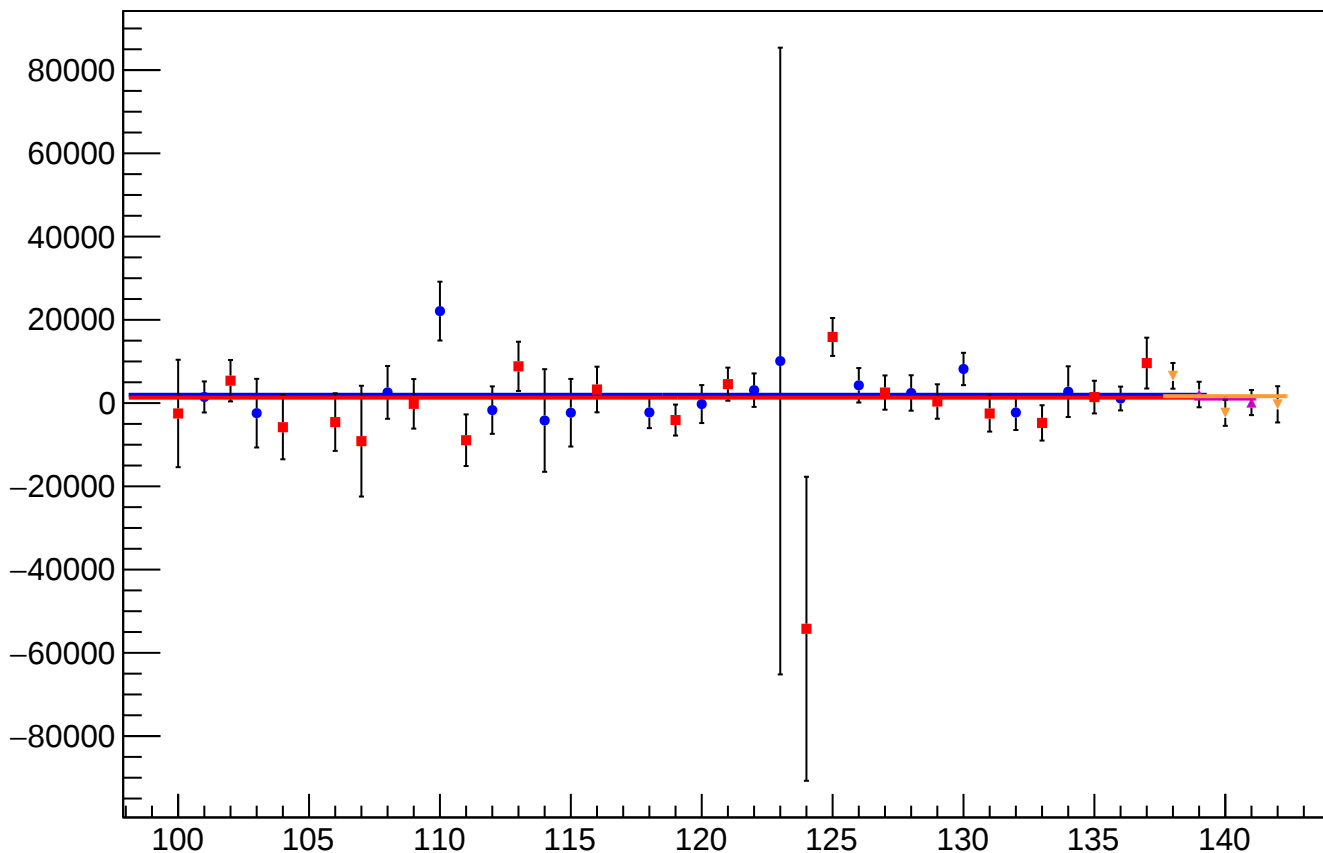
Right: 905.419 ± 0.201 χ^2/NDF : 7110681.5/35

In: 1059.955 ± 0.275 χ^2/NDF : 1602777.4/18

Out: 847.627 ± 0.240 χ^2/NDF : 5487119.5/21

All: 939.563 ± 0.181 χ^2/NDF : 7428486.1/40

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1661.744+/-1964.478 χ^2/NDF : 4.3/2

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1079.210+/-2151.236 χ^2/NDF : 0.2/1

Left: 1396.856+/-1450.636 χ^2/NDF : 4.6/4

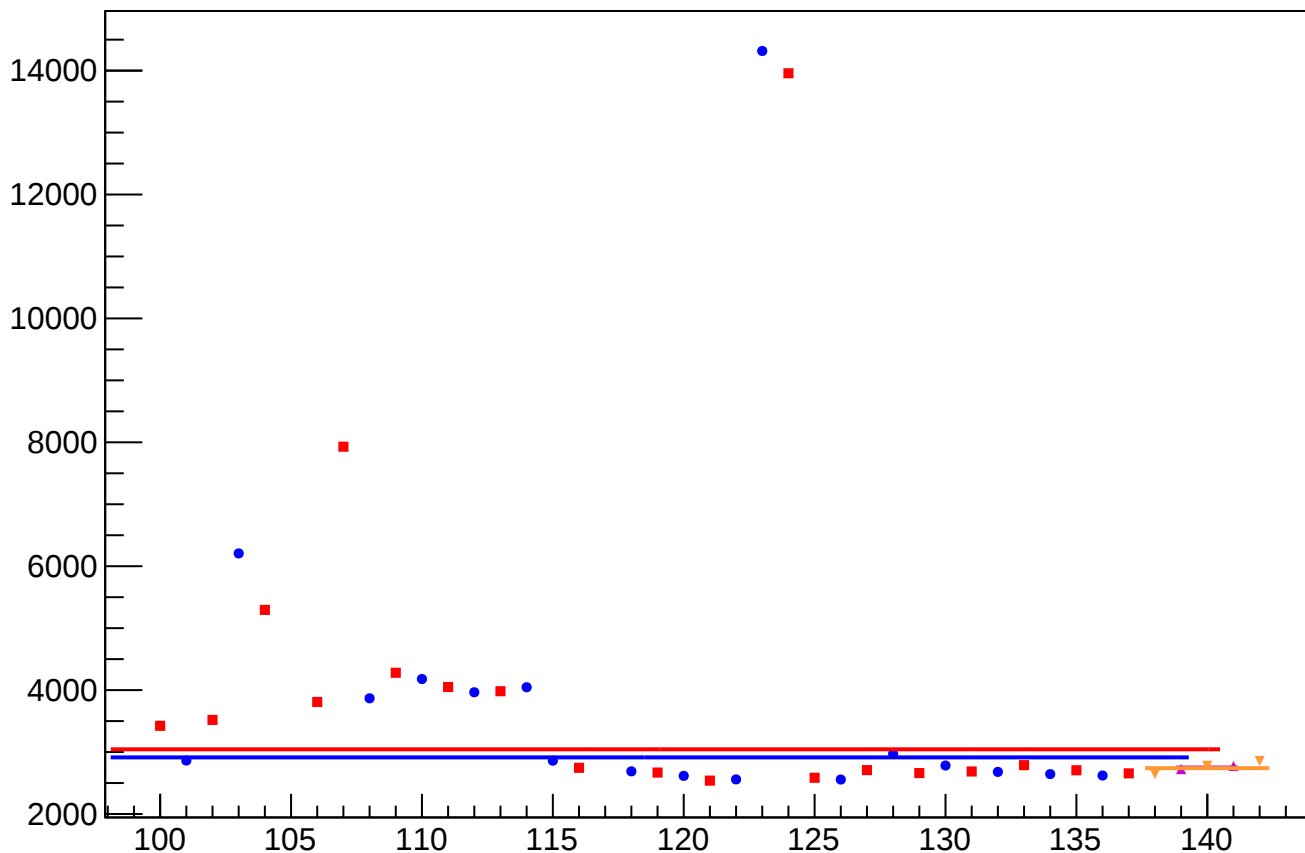
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1791.048+/-1017.644 χ^2/NDF : 15.3/18

Out: 1399.965+/-1016.979 χ^2/NDF : 31.9/21

All: 1595.379+/-719.348 χ^2/NDF : 47.2/40

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2739.876+/-1.389 χ^2/NDF :3672.5/2

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2750.118+/-1.521 χ^2/NDF :263.5/1

Left: 2744.533+/-1.026 χ^2/NDF : 3960.7/4

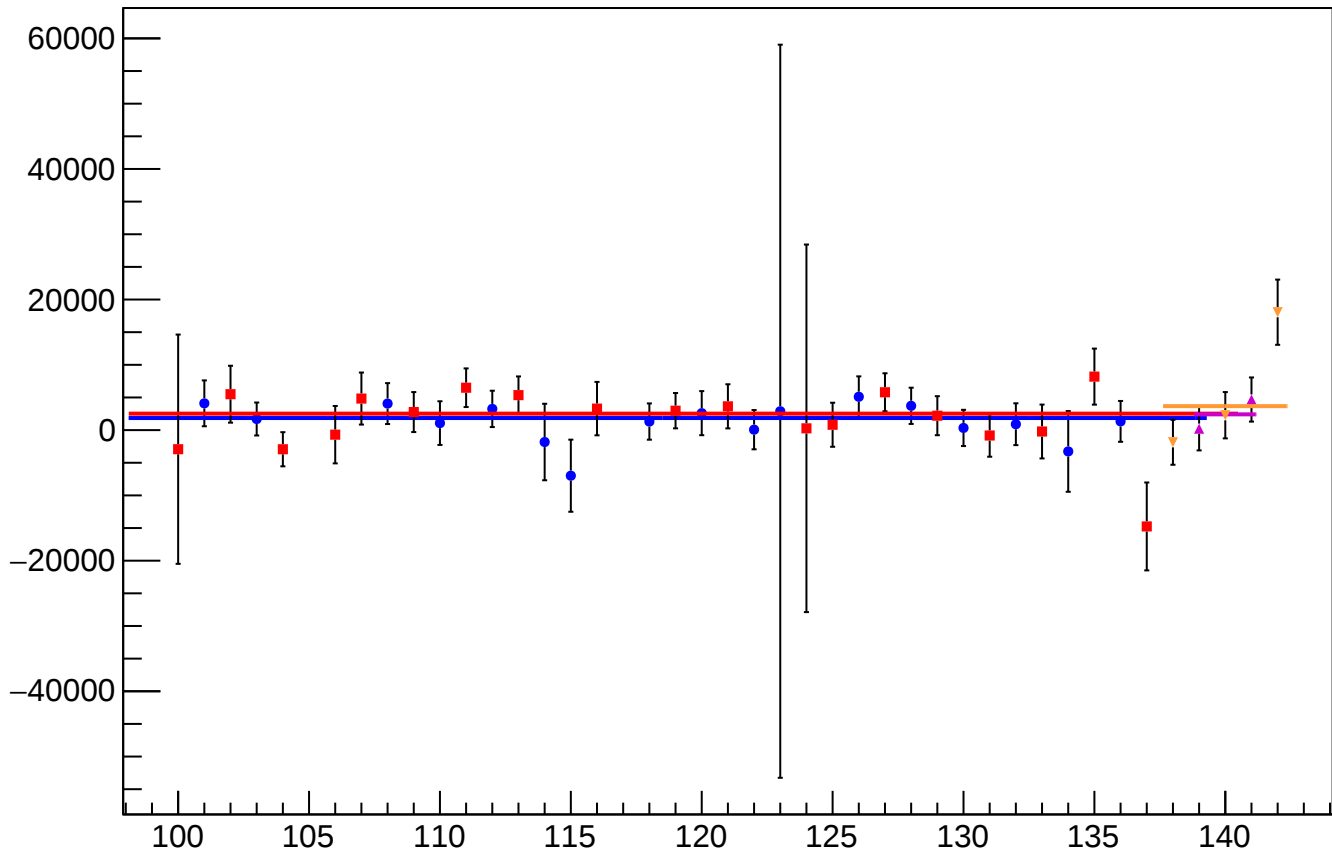
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2877.230+/-0.720 χ^2/NDF :648243.9/18

Out: 2962.842+/-0.719 χ^2/NDF :1044195.6/21

All: 2920.064+/-0.509 χ^2/NDF : 1699521.6/40

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 3670.958 +/- 2214.657 χ^2/NDF : 11.0/2

Right Out: 2523.303 +/- 818.432 χ^2/NDF : 20.1/18

Left In: 2413.780 +/- 2370.779 χ^2/NDF : 0.9/1

Left: 3085.123 +/- 1618.379 χ^2/NDF : 12.1/4

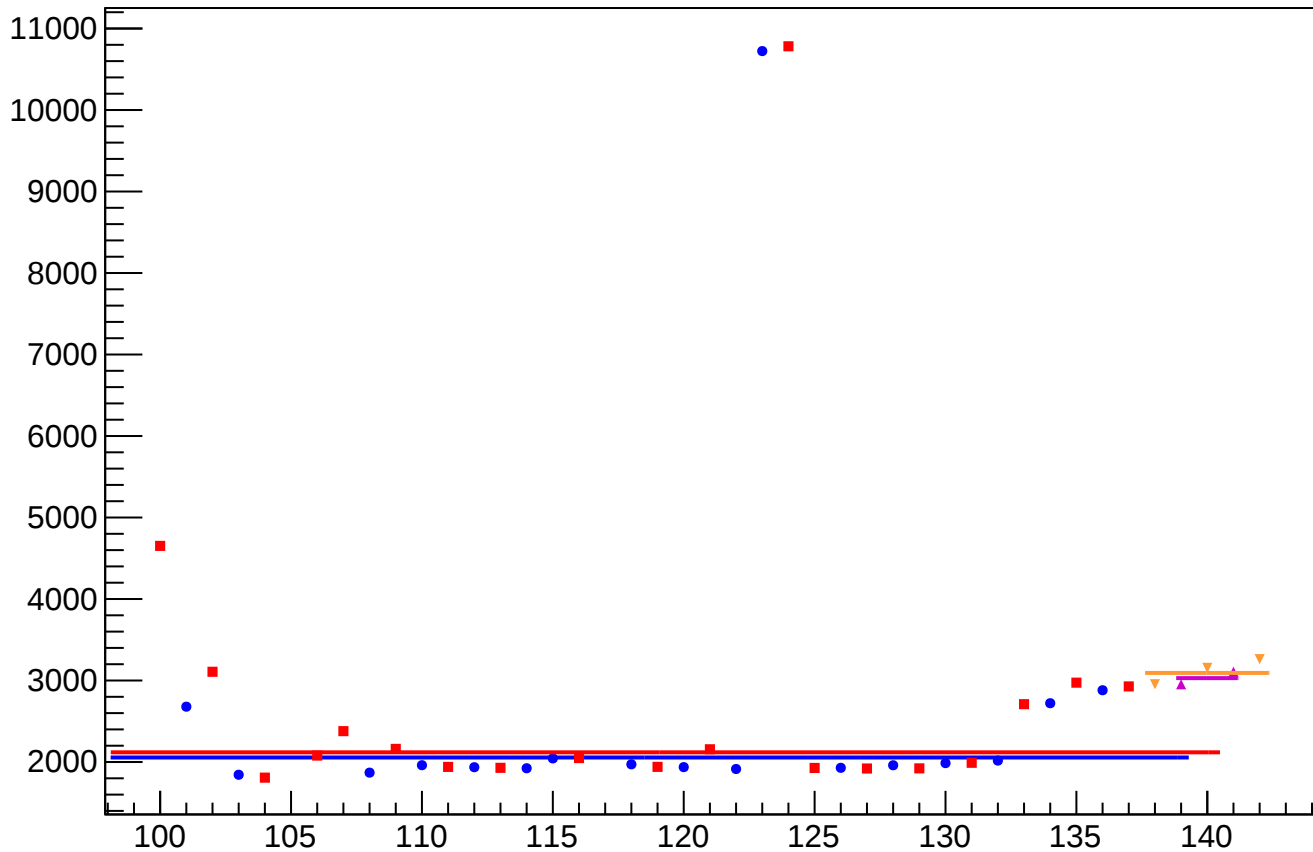
Right: 2181.863 +/- 574.547 χ^2/NDF : 27.7/35

In: 1908.593 +/- 763.750 χ^2/NDF : 8.2/18

Out: 2661.204 +/- 767.688 χ^2/NDF : 31.4/21

All: 2282.964 +/- 541.439 χ^2/NDF : 40.1/40

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 3093.120+/-1.566 χ^2/NDF : 6162.8/2

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 3029.277+/-1.676 χ^2/NDF : 2108.1/1

Left: 3063.370+/-1.144 χ^2/NDF : 9045.5/4

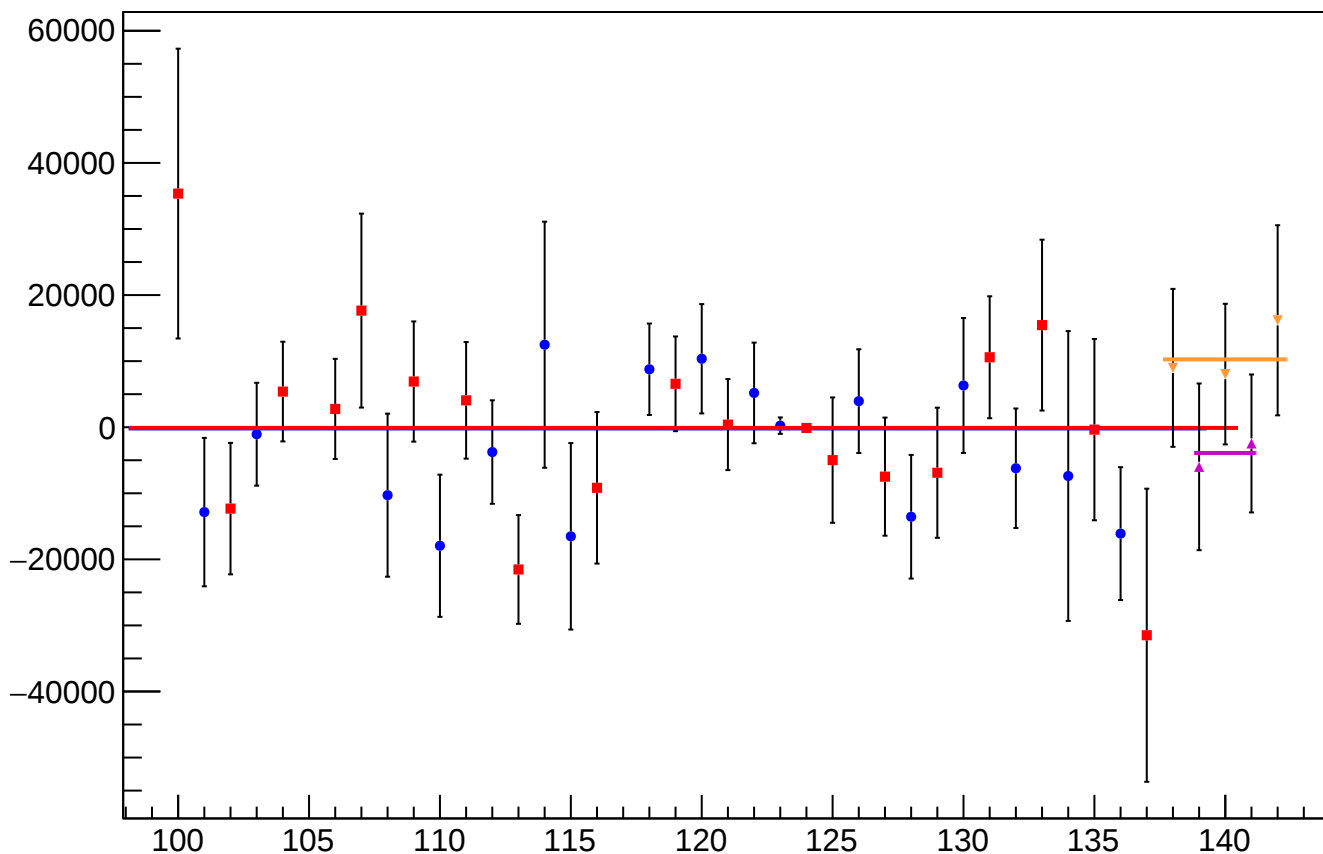
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2156.512+/-0.540 χ^2/NDF : 620923.9/18

Out: 2235.568+/-0.542 χ^2/NDF : 920593.3/21

All: 2195.889+/-0.383 χ^2/NDF : 1552190.5/40

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: 10262.902 ± 6956.721 $\chi^2/\text{NDF}: 0.2/2$

Right Out: -106.733 ± 690.637 $\chi^2/\text{NDF}: 21.6/18$

Left In: -3897.648 ± 8042.463 $\chi^2/\text{NDF}: 0.0/1$

Left: 4202.319 ± 5261.459 $\chi^2/\text{NDF}: 2.0/4$

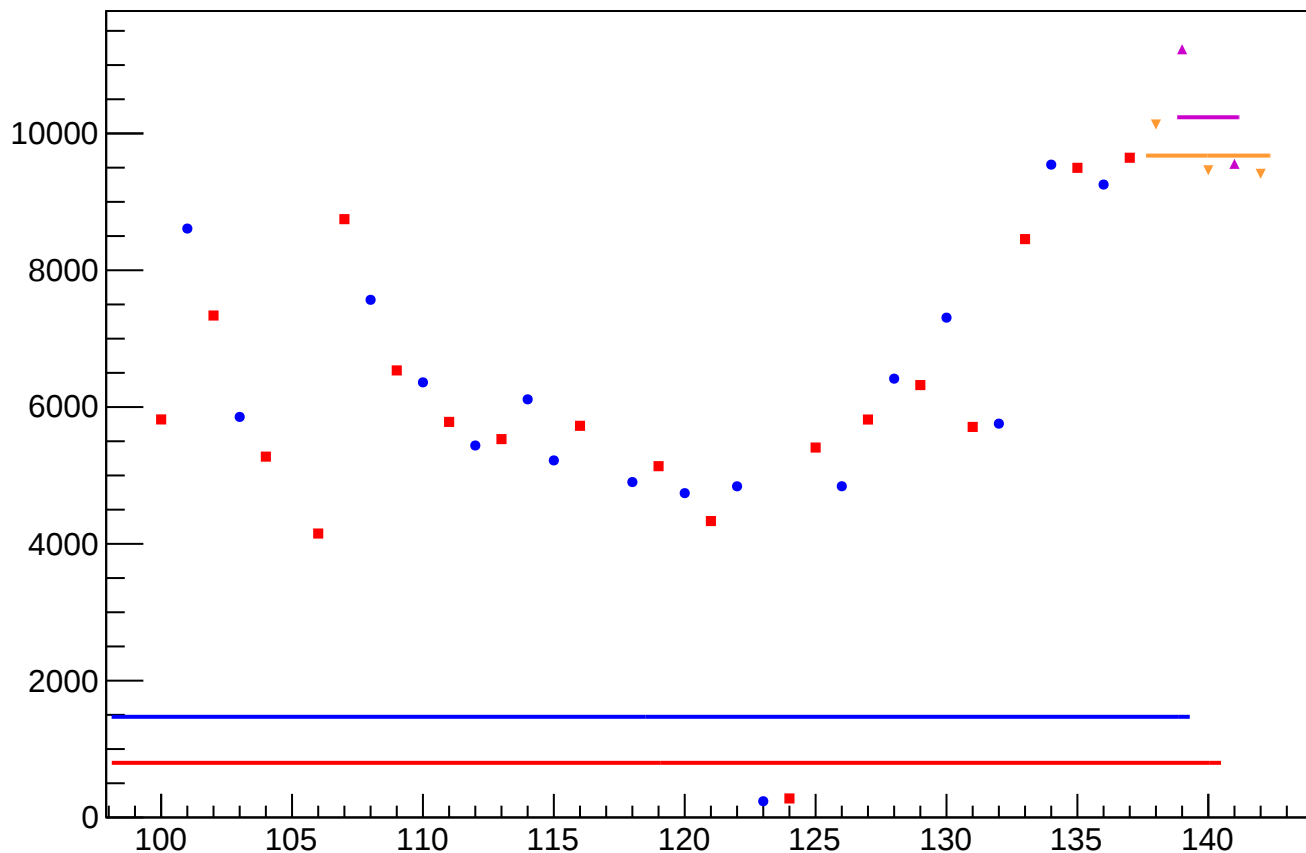
Right: -128.909 ± 585.025 $\chi^2/\text{NDF}: 38.0/35$

In: -253.514 ± 1090.611 $\chi^2/\text{NDF}: 16.6/18$

Out: -5.530 ± 687.258 $\chi^2/\text{NDF}: 24.0/21$

All: -76.015 ± 581.442 $\chi^2/\text{NDF}: 40.7/40$

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 9676.542+/-4.919 χ^2/NDF :4395.2/2

Right Out: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 10236.904+/-5.687 χ^2/NDF :20933.3/1

Left: 9916.372+/-3.720 χ^2/NDF : 30882.3/4

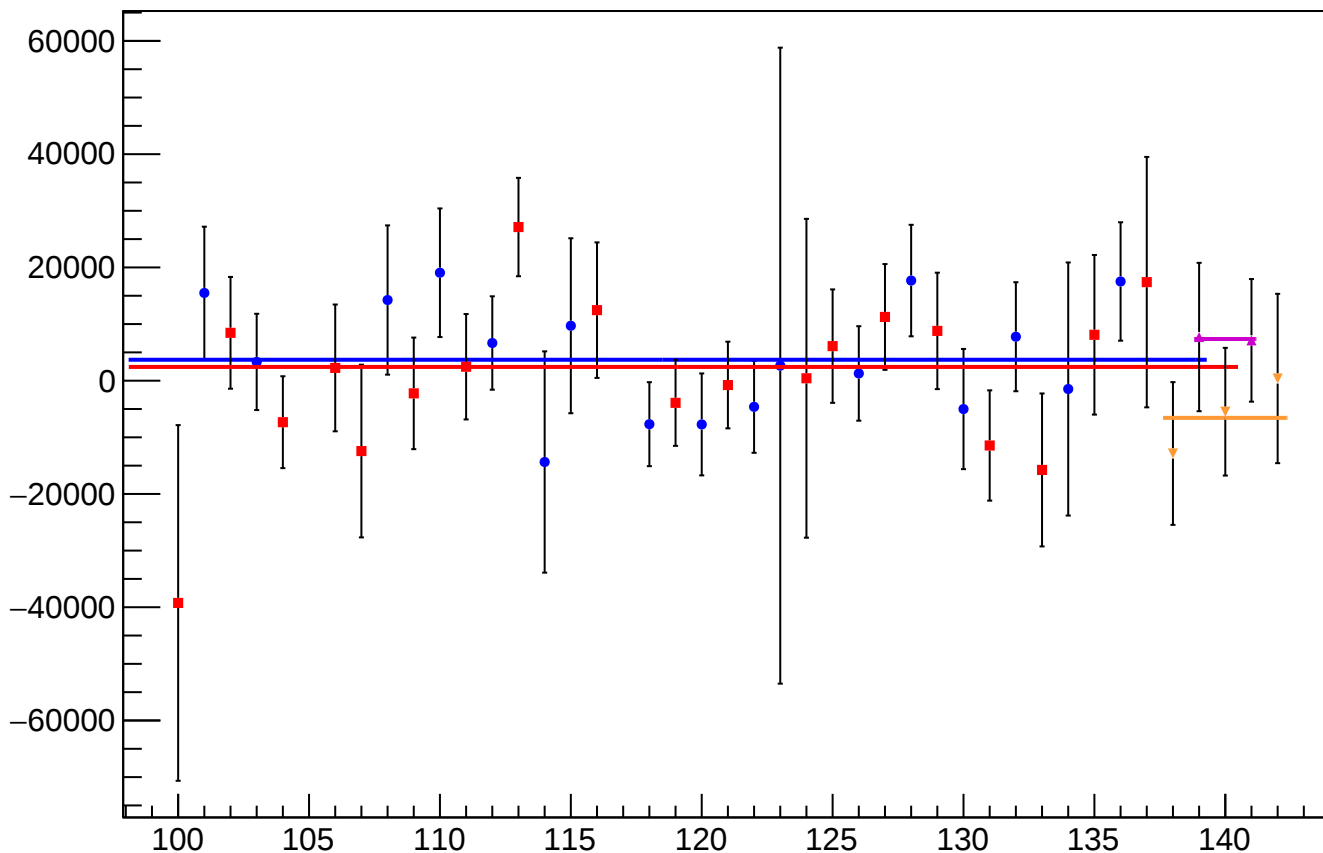
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 1632.795+/-0.771 χ^2/NDF :12141166.2/18

Out: 885.287+/-0.486 χ^2/NDF :14757264.5/21

All: 1097.752+/-0.411 χ^2/NDF : 27570934.4/4

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -6561.913+/-7325.137 χ^2/NDF : 0.5/2

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 7361.820+/-8345.251 χ^2/NDF : 0.0/1

Left: -502.631+/-5505.188 χ^2/NDF : 2.0/4

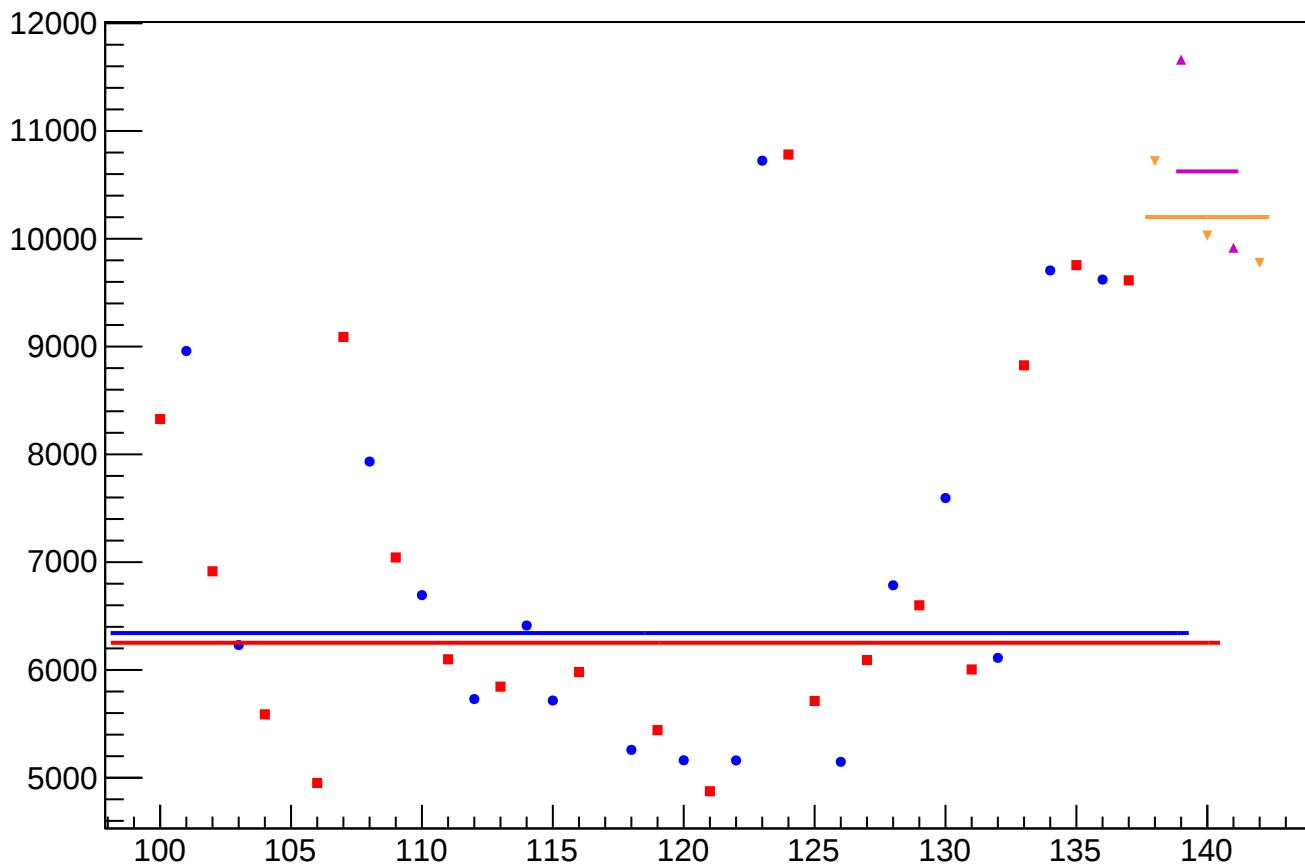
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 4004.113+/-2410.612 χ^2/NDF : 14.6/18

Out: 1544.434+/-2299.062 χ^2/NDF : 22.1/21

All: 2716.048+/-1663.721 χ^2/NDF : 37.2/40

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10201.801+/-5.180 χ^2/NDF : 5470.3/2

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10625.001+/-5.901 χ^2/NDF : 21077.6/1

Left: 10385.968+/-3.893 χ^2/NDF : 29453.0/4

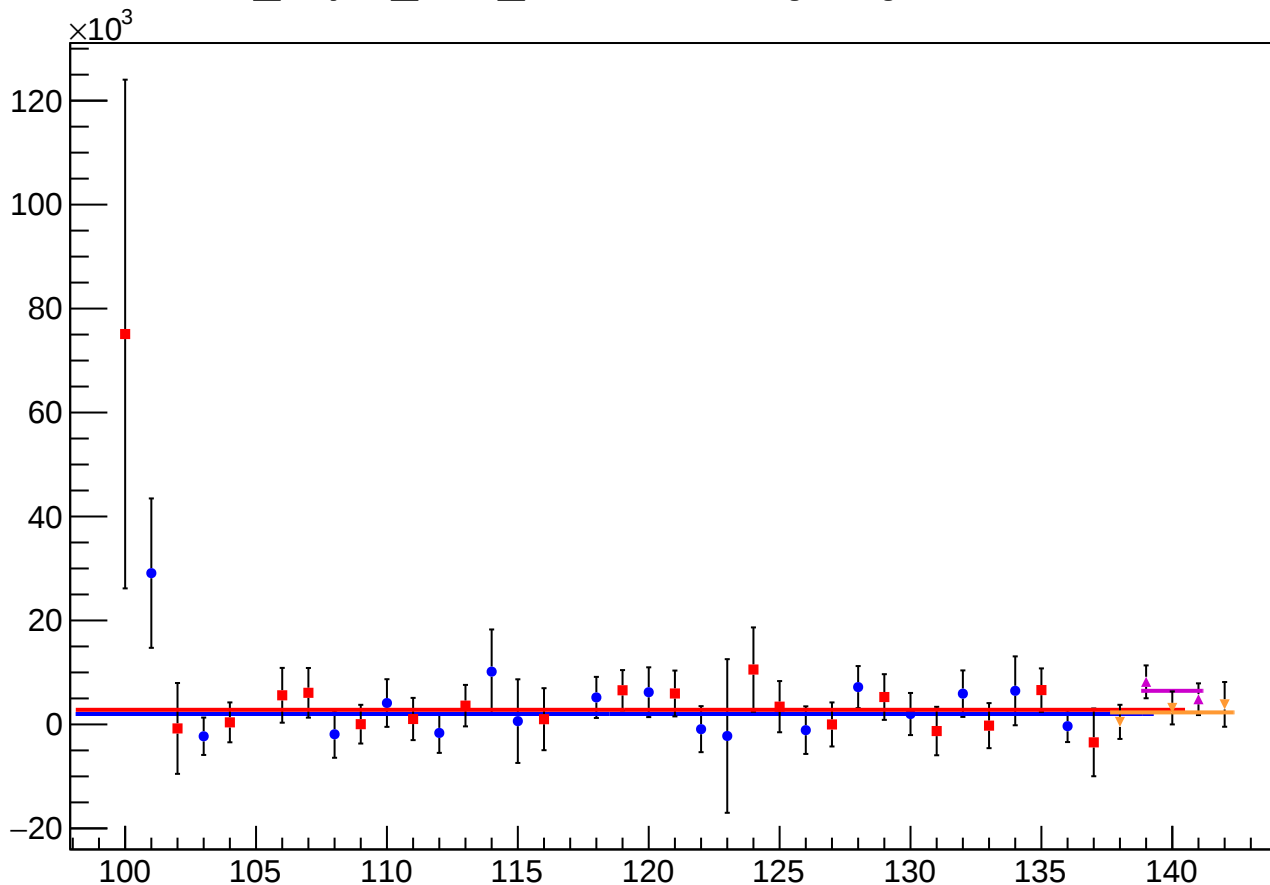
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 6699.671+/-1.705 χ^2/NDF : 1097519.0/18

Out: 6641.177+/-1.626 χ^2/NDF : 1067686.7/21

All: 6669.038+/-1.176 χ^2/NDF : 2165822.4/40

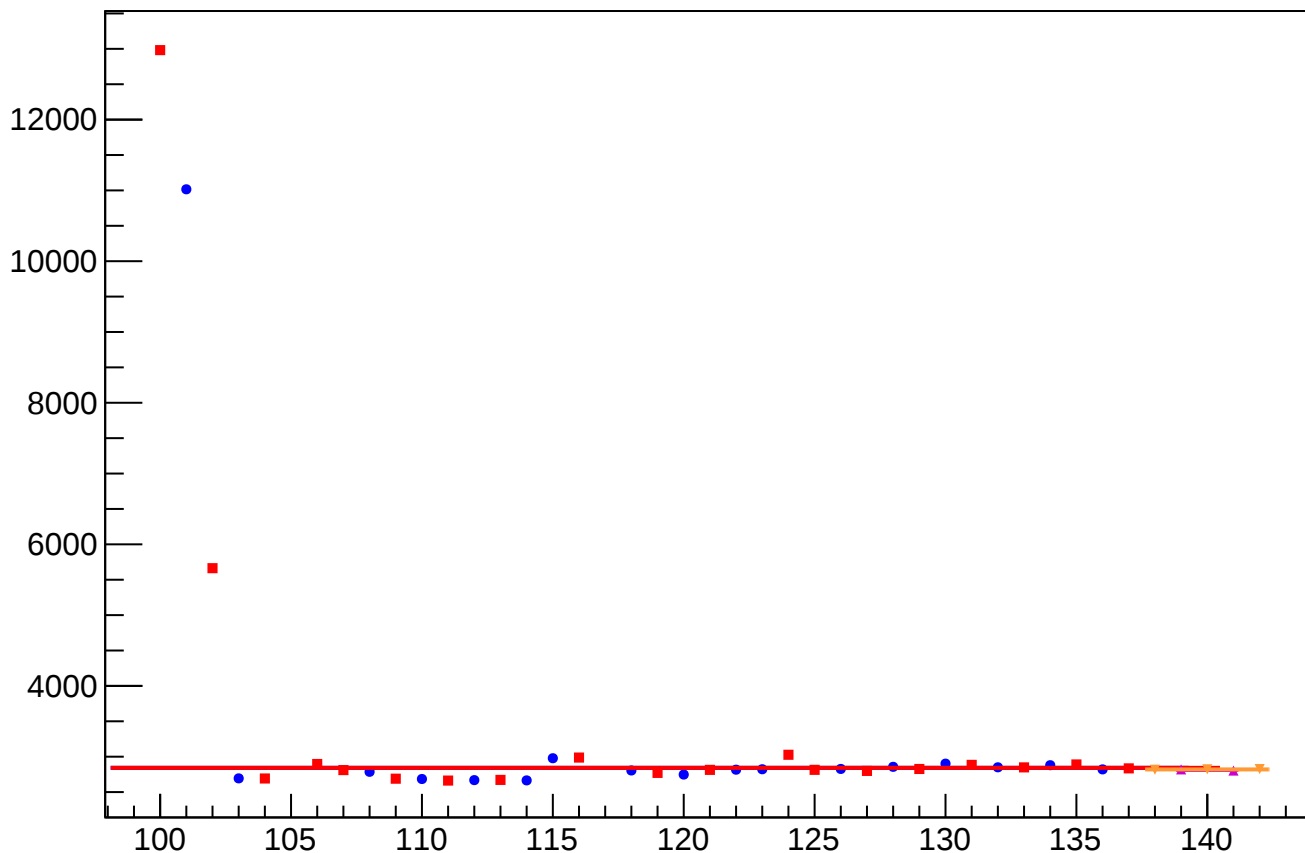
dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16
 Left Out: 2311.406+/-2016.256 χ^2/NDF : 0.5/2
 Right Out: 2811.702+/-1086.544 χ^2/NDF : 10.5/18
 Left In: 6462.666+/-2194.608 χ^2/NDF : 0.6/1

Left: 4211.523+/-1484.763 χ^2/NDF : 3.0/4
 Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35
 In: 2932.861+/-1001.430 χ^2/NDF : 17.5/18
 Out: 2699.111+/-956.498 χ^2/NDF : 11.1/21
 All: 2810.624+/-691.686 χ^2/NDF : 28.6/40

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2820.092+/-1.426 χ^2/NDF : 7.1/2

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2812.087+/-1.552 χ^2/NDF : 29.0/1

Left: 2816.428+/-1.050 χ^2/NDF : 50.5/4

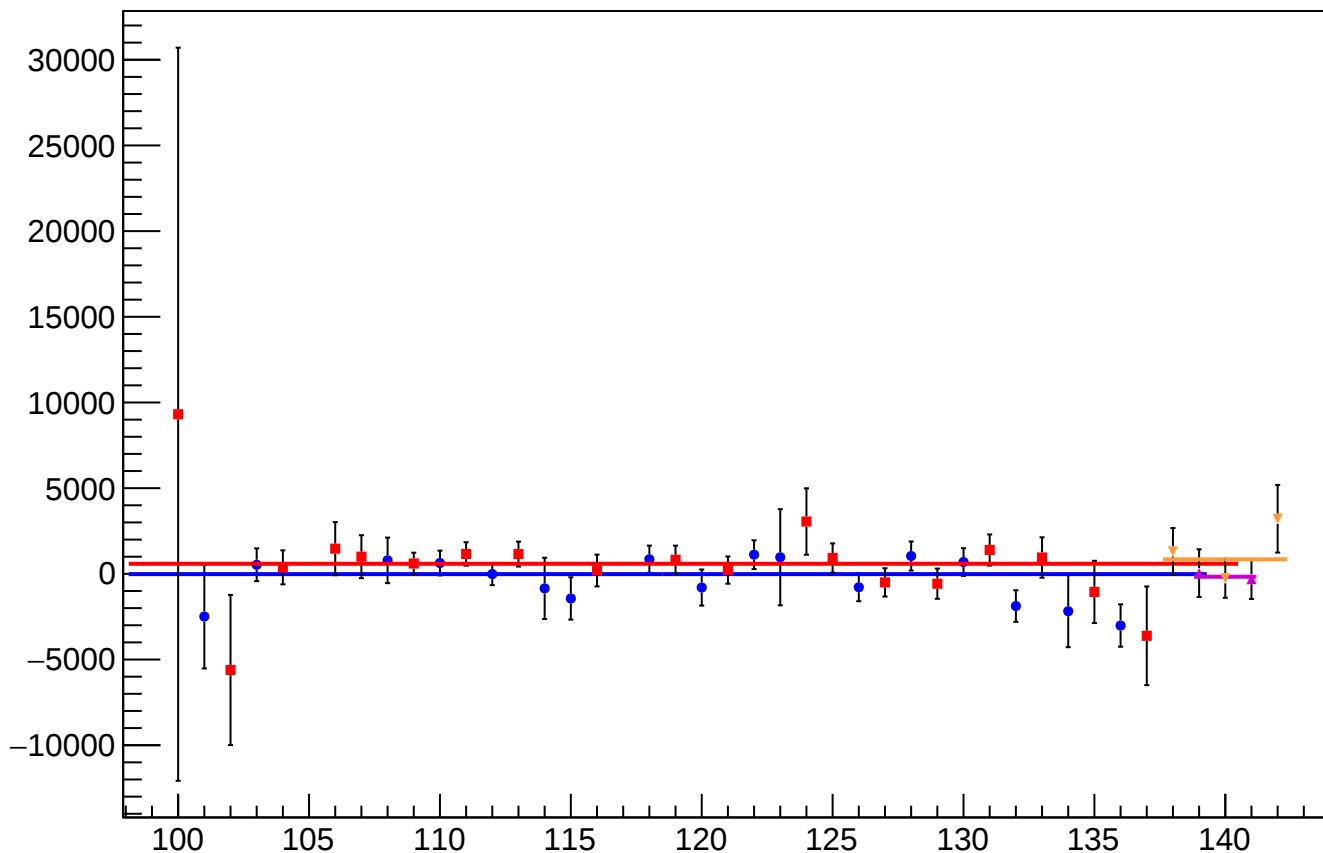
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2836.269+/-0.708 χ^2/NDF : 660640.8/18

Out: 2837.411+/-0.676 χ^2/NDF : 312533.1/21

All: 2836.866+/-0.489 χ^2/NDF : 973175.2/40

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: 844.769 ± 799.568 χ^2/NDF : 2.5/2

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

Left In: -167.898 ± 888.211 χ^2/NDF : 0.0/1

Left: 391.475 ± 594.255 χ^2/NDF : 3.3/4

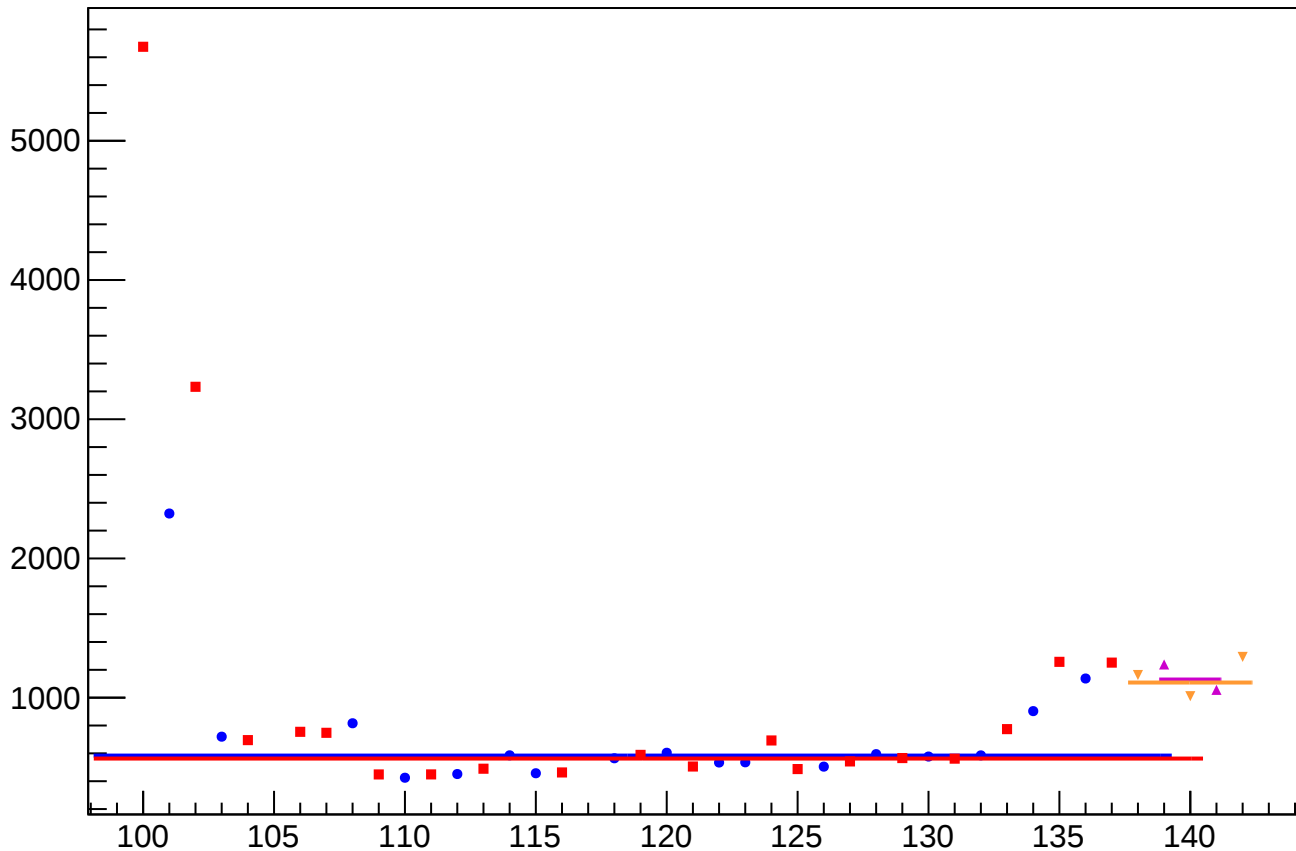
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: -25.900 ± 230.667 χ^2/NDF : 21.7/18

Out: 607.503 ± 217.300 χ^2/NDF : 16.1/21

All: 309.685 ± 158.169 χ^2/NDF : 41.7/40

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 1108.762+/-0.565 χ^2/NDF : 35411.7/2

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 1130.372+/-0.628 χ^2/NDF : 20357.8/1

Left: 1118.435+/-0.420 χ^2/NDF : 56423.4/4

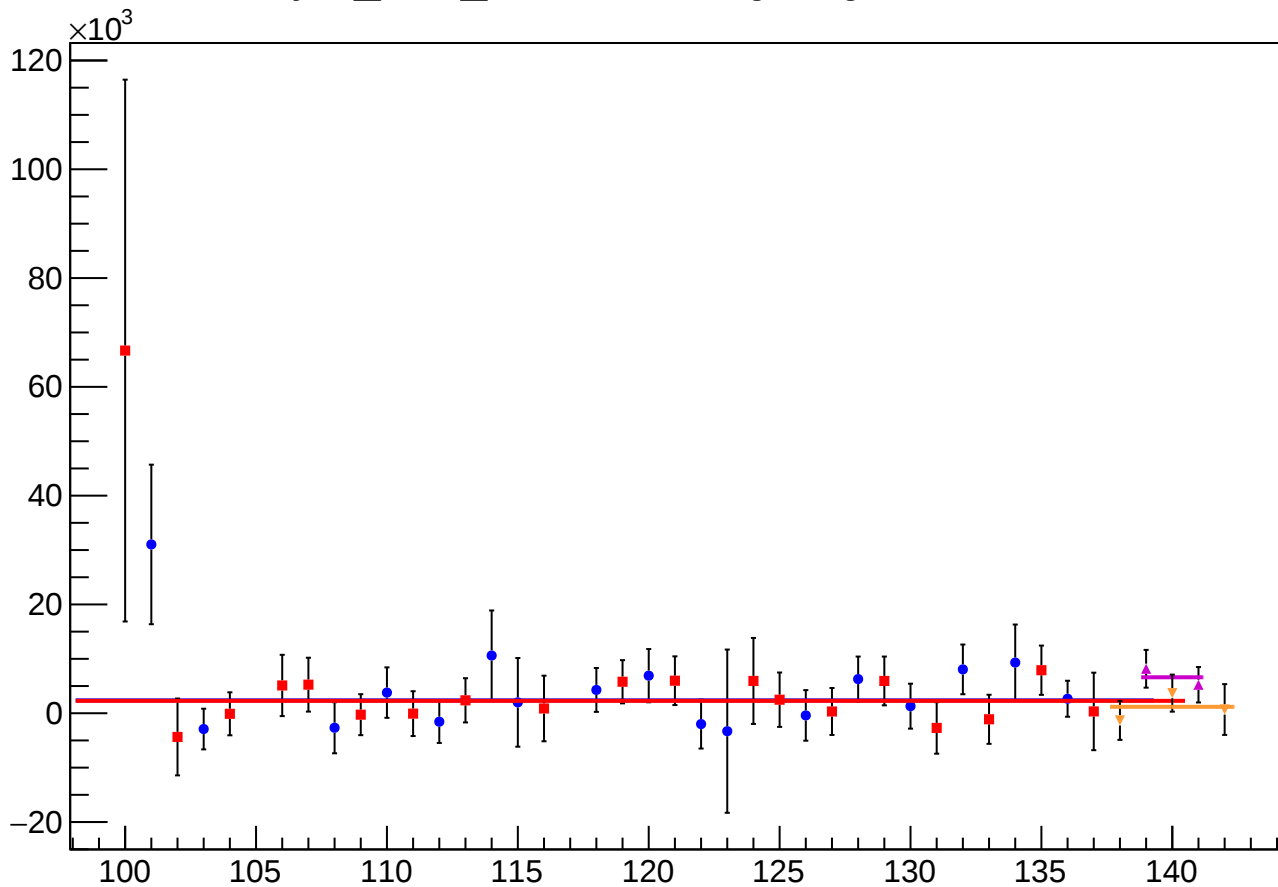
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 620.900+/-0.163 χ^2/NDF : 2162578.1/18

Out: 603.024+/-0.154 χ^2/NDF : 2538935.7/21

All: 611.429+/-0.112 χ^2/NDF : 4707877.8/40

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 1178.312 $\pm$ 2179.832 χ^2 /NDF:1.0/2

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 6610.312 $\pm$ 2375.118 χ^2 /NDF:0.4/1

Left: 3661.852 $\pm$ 1605.982 χ^2 /NDF: 4.3/4

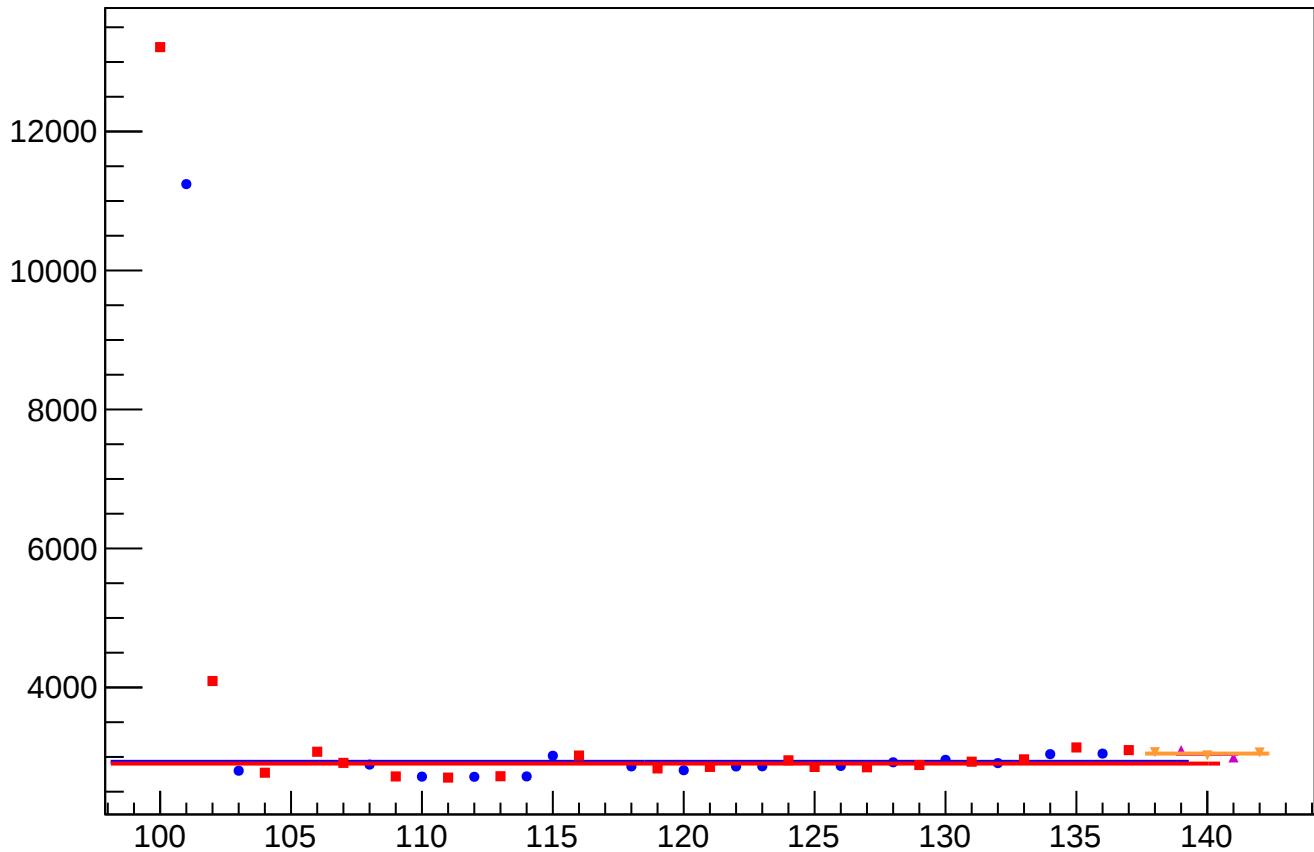
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 3180.771 $\pm$ 1042.287 χ^2 /NDF:18.0/18

Out: 2050.638 $\pm$ 990.314 χ^2 /NDF:11.5/21

All: 2586.827 $\pm$ 717.929 χ^2 /NDF: 30.1/40

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 3048.595+/-1.541 χ^2/NDF : 203.0/2

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 3042.180+/-1.679 χ^2/NDF : 961.7/1

Left: 3045.662+/-1.136 χ^2/NDF : 1172.6/4

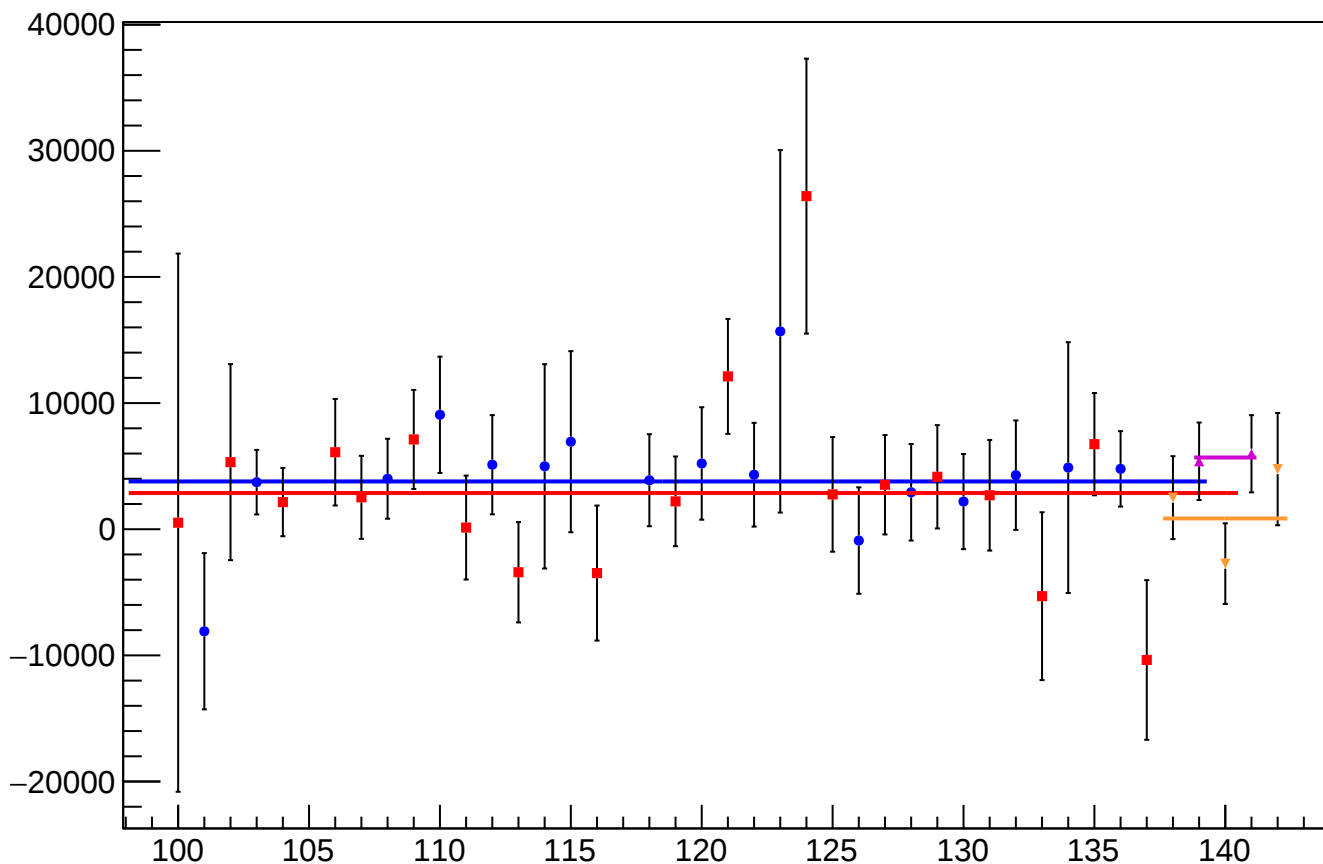
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2951.324+/-0.737 χ^2/NDF : 667215.4/18

Out: 2934.296+/-0.700 χ^2/NDF : 176420.6/21

All: 2942.375+/-0.508 χ^2/NDF : 843916.5/40

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 854.731+/-2037.984 χ^2/NDF : 2.3/2

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 5686.641+/-2167.773 χ^2/NDF : 0.0/1

Left: 3121.715+/-1484.837 χ^2/NDF : 4.9/4

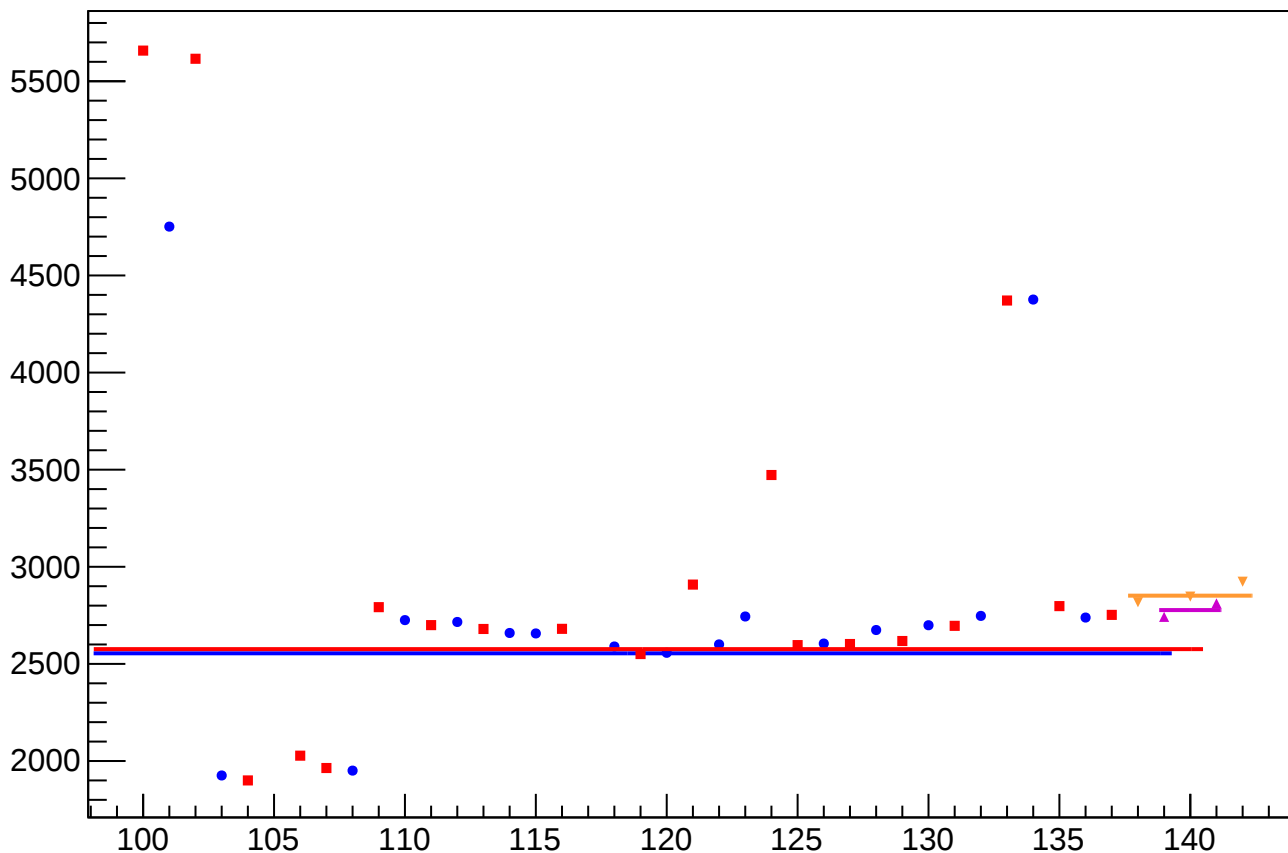
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 4125.474+/-914.107 χ^2/NDF : 8.4/18

Out: 2476.656+/-899.893 χ^2/NDF : 25.1/21

All: 3288.146+/-641.287 χ^2/NDF : 35.1/40

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2851.362 $\pm$ 1.441 χ^2 /NDF:738.7/2

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2777.135 $\pm$ 1.533 χ^2 /NDF:515.3/1

Left: 2816.537 $\pm$ 1.050 χ^2 /NDF: 2498.8/4

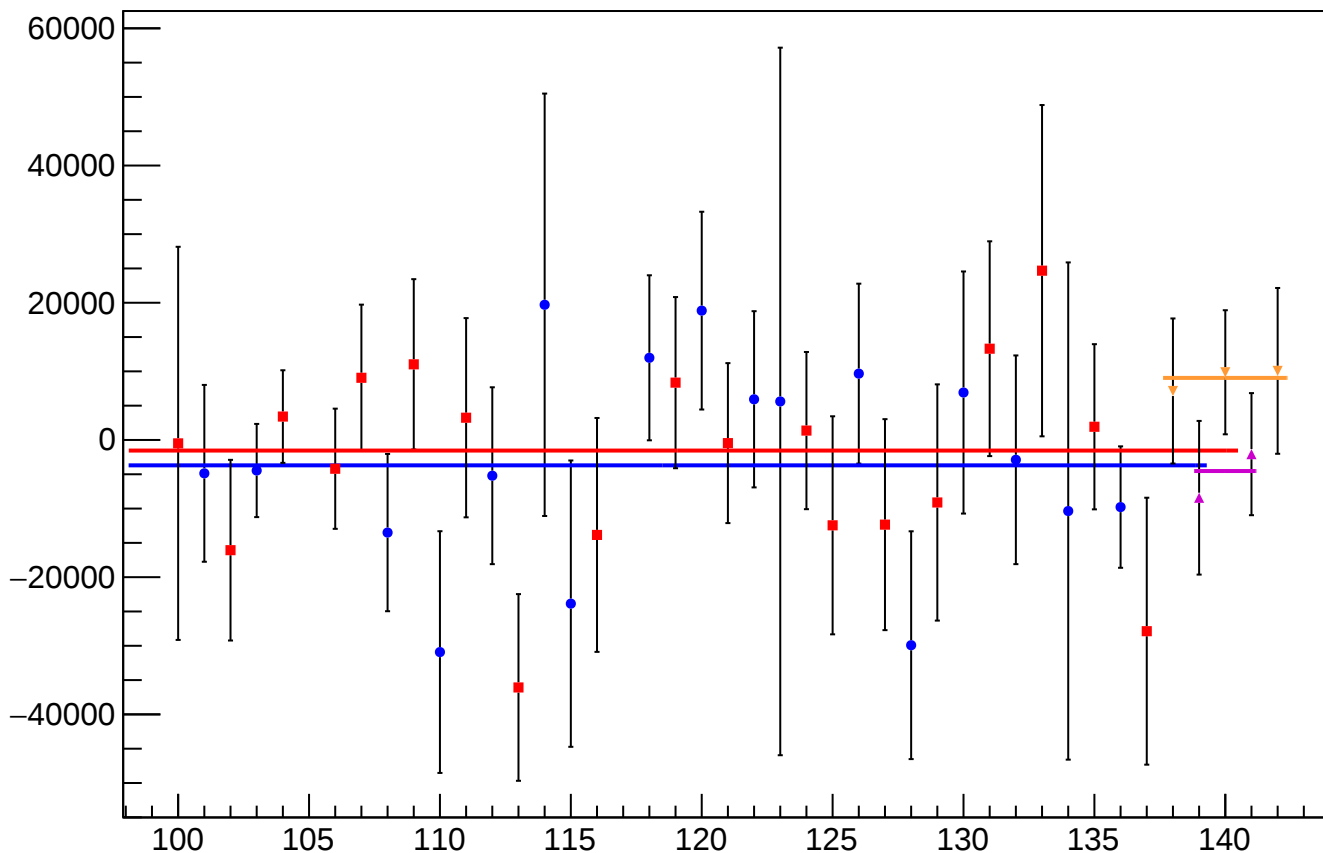
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2594.118 $\pm$ 0.646 χ^2 /NDF:554479.8/18

Out: 2629.716 $\pm$ 0.636 χ^2 /NDF:795276.8/21

All: 2612.202 $\pm$ 0.453 χ^2 /NDF: 1351297.4/40

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 9045.665+/-5973.384 χ^2/NDF : 0.0/2

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: -4527.491+/-6966.734 χ^2/NDF : 0.2/1

Left: 3294.928+/-4534.721 χ^2/NDF : 2.4/4

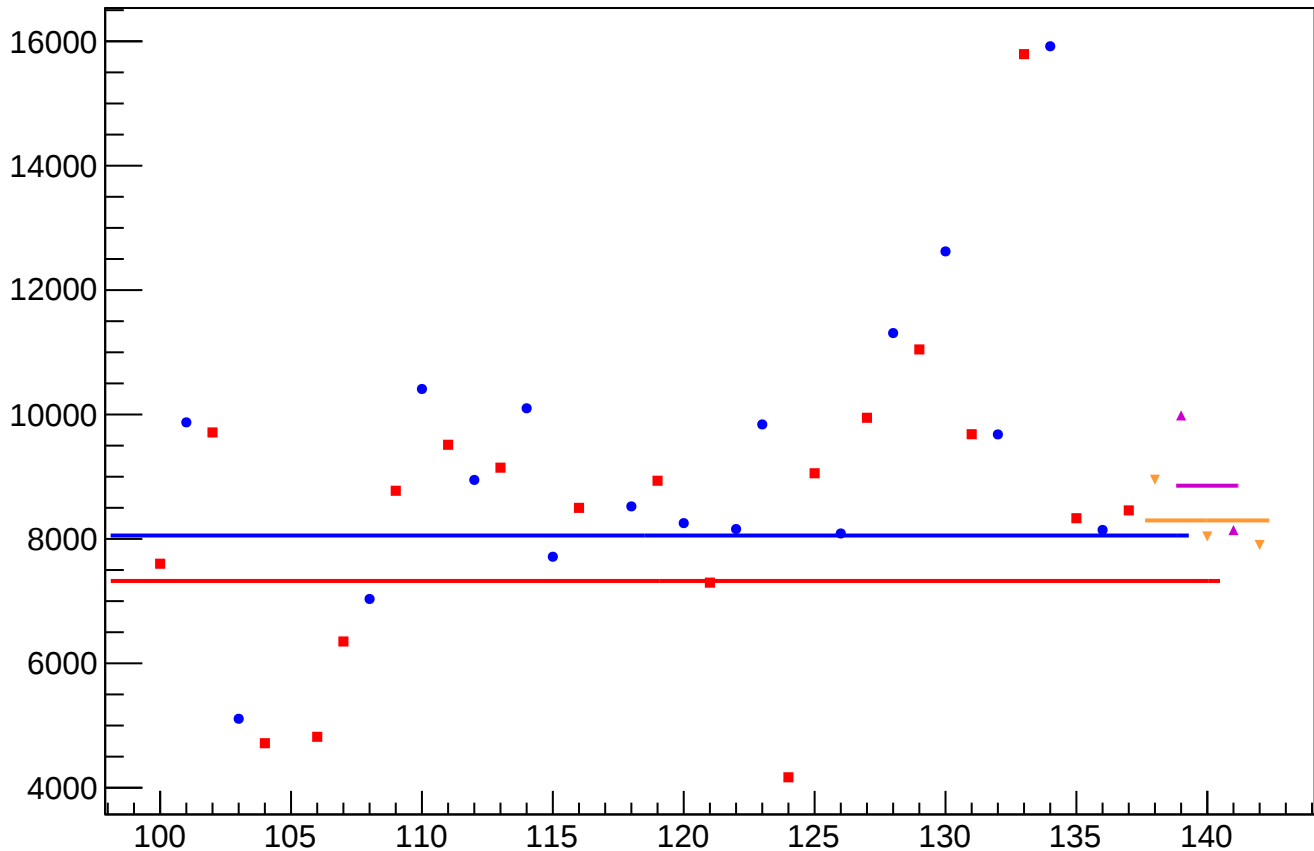
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -3845.103+/-2921.284 χ^2/NDF : 14.0/18

Out: 471.630+/-2606.511 χ^2/NDF : 19.4/21

All: -1441.720+/-1944.883 χ^2/NDF : 34.6/40

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8297.208+/-4.224 χ^2/NDF :11430.1/2

Right Out: 7324.291+/-2.048 χ^2/NDF : 1336145.7/18

Left In: 8855.853+/-4.926 χ^2/NDF :33184.2/1

Left: 8533.897+/-3.207 χ^2/NDF : 52025.7/4

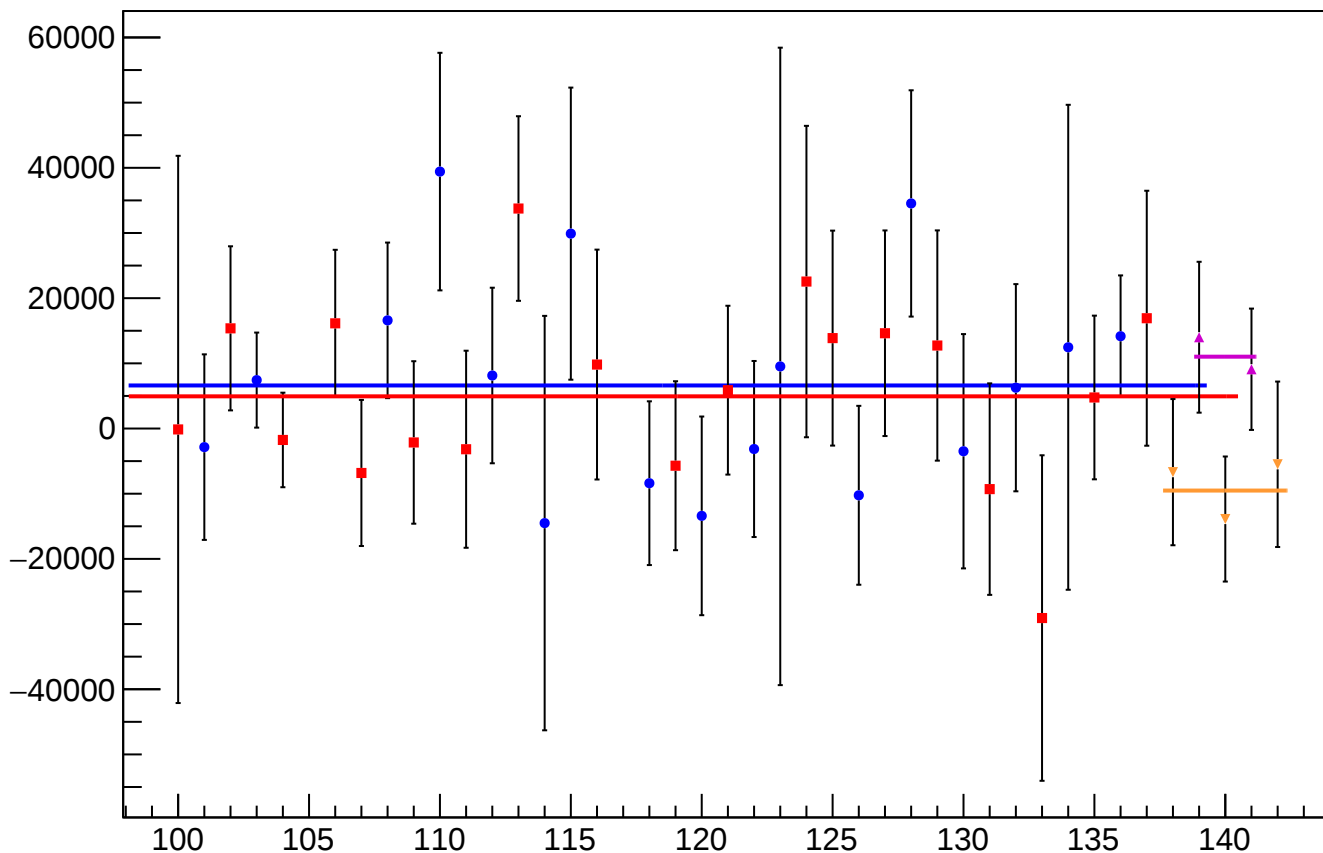
Right: 7651.290+/-1.522 χ^2/NDF : 2213838.0/35

In: 8195.625+/-2.066 χ^2/NDF :875741.8/18

Out: 7509.539+/-1.843 χ^2/NDF :1390530.1/21

All: 7813.640+/-1.375 χ^2/NDF : 2327691.5/40

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -9516.738+/-6321.504 χ^2/NDF : 0.4/2

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 11023.672+/-7253.222 χ^2/NDF : 0.1/1

Left: -649.740+/-4765.569 χ^2/NDF : 5.0/4

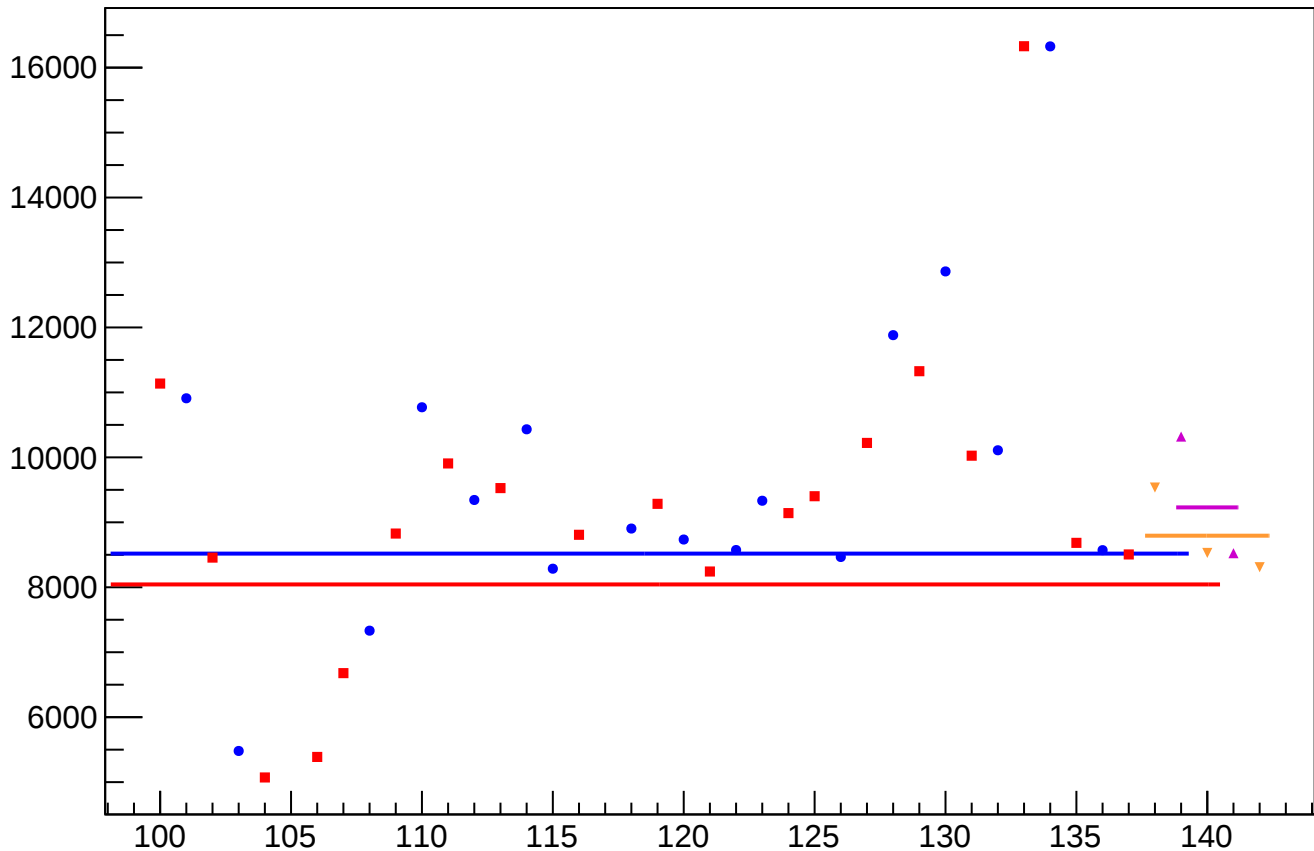
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 7401.344+/-3075.483 χ^2/NDF : 15.1/18

Out: 2037.305+/-2832.108 χ^2/NDF : 18.1/21

All: 4498.717+/-2083.337 χ^2/NDF : 34.9/40

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 8794.086 $\pm$ 4.470 χ^2/NDF : 13191.4/2

Right Out: 8043.754 $\pm$ 2.240 χ^2/NDF : 953572.9/18

Left In: 9229.705 $\pm$ 5.129 χ^2/NDF : 29228.7/1

Left: 8982.136 $\pm$ 3.370 χ^2/NDF : 46519.9/4

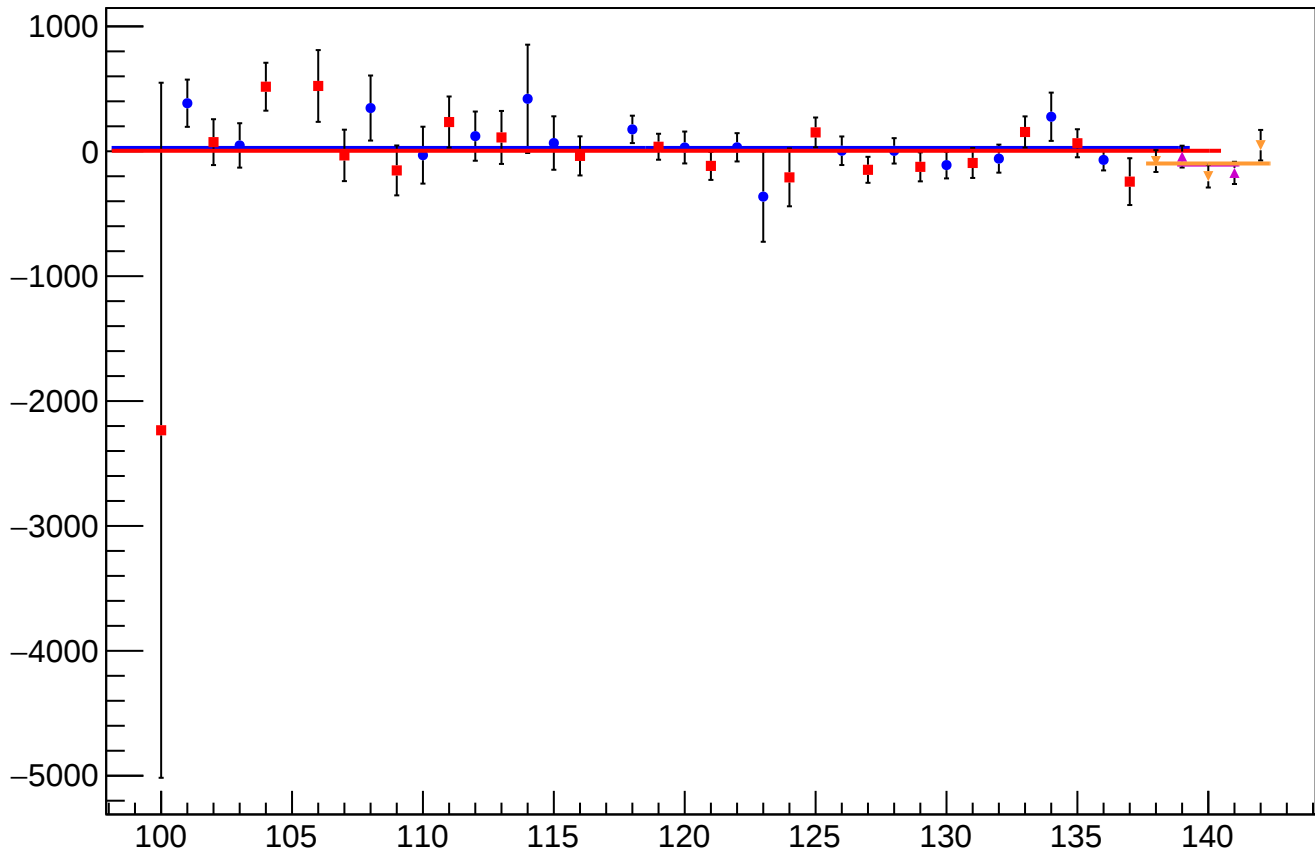
Right: 8264.537 $\pm$ 1.638 χ^2/NDF : 1746449.5/35

In: 8646.181 $\pm$ 2.175 χ^2/NDF : 817005.6/18

Out: 8194.348 $\pm$ 2.003 χ^2/NDF : 989286.2/21

All: 8401.675 $\pm$ 1.473 χ^2/NDF : 1829651.7/40

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16

Left Out: -97.853 $\pm$ 55.971 χ^2/NDF : 2.7/2

Right Out: 4.007 $\pm$ 33.839 χ^2/NDF : 24.6/18

Left In: -106.751 $\pm$ 62.326 χ^2/NDF : 1.1/1

Left: -101.825 $\pm$ 41.643 χ^2/NDF : 3.8/4

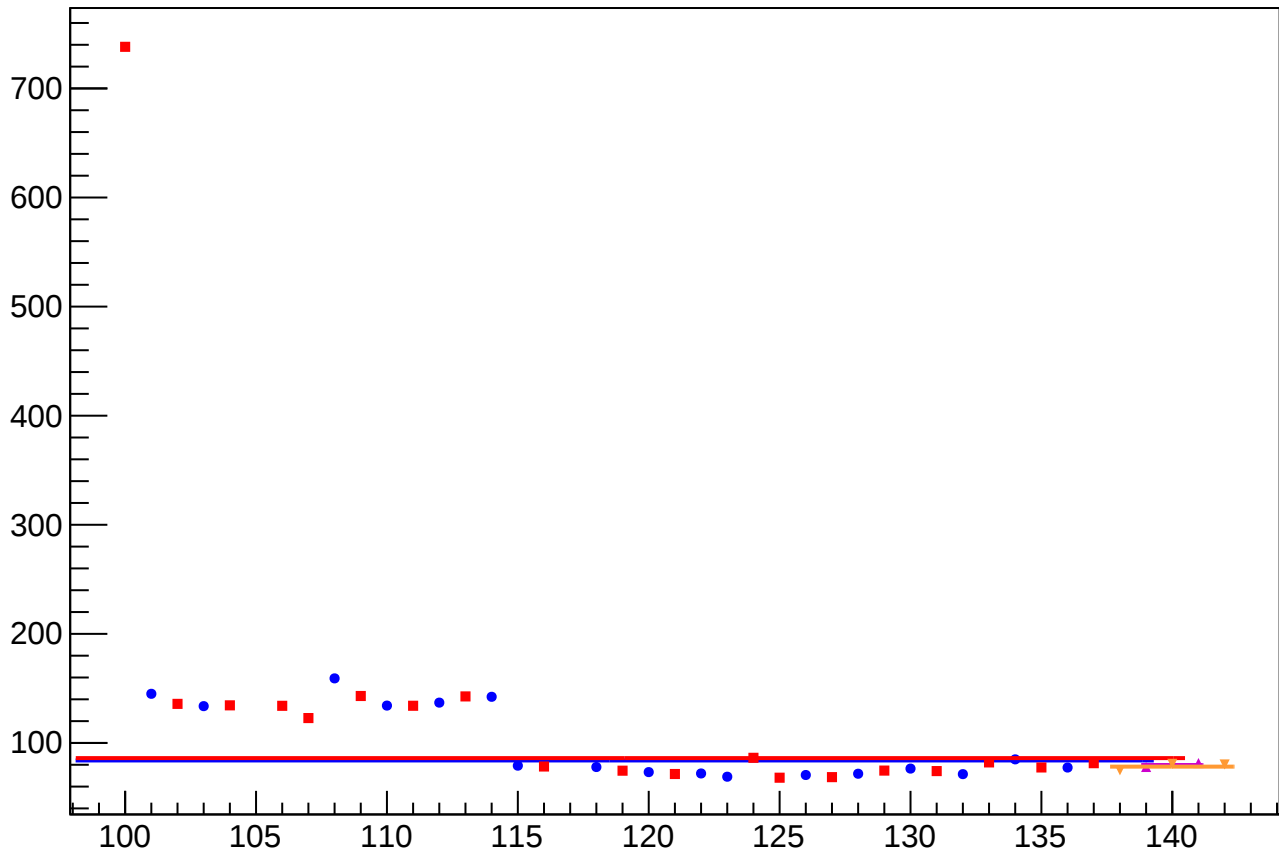
Right: 15.432 $\pm$ 23.852 χ^2/NDF : 39.3/35

In: -3.378 $\pm$ 29.594 χ^2/NDF : 19.2/18

Out: -23.259 $\pm$ 28.958 χ^2/NDF : 29.7/21

All: -13.534 $\pm$ 20.698 χ^2/NDF : 49.1/40

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 78.296 $\pm$ 0.040 χ^2 /NDF: 5172.6/2

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 79.762 $\pm$ 0.044 χ^2 /NDF: 1675.9/1

Left: 78.951 $\pm$ 0.029 χ^2 /NDF: 7460.4/4

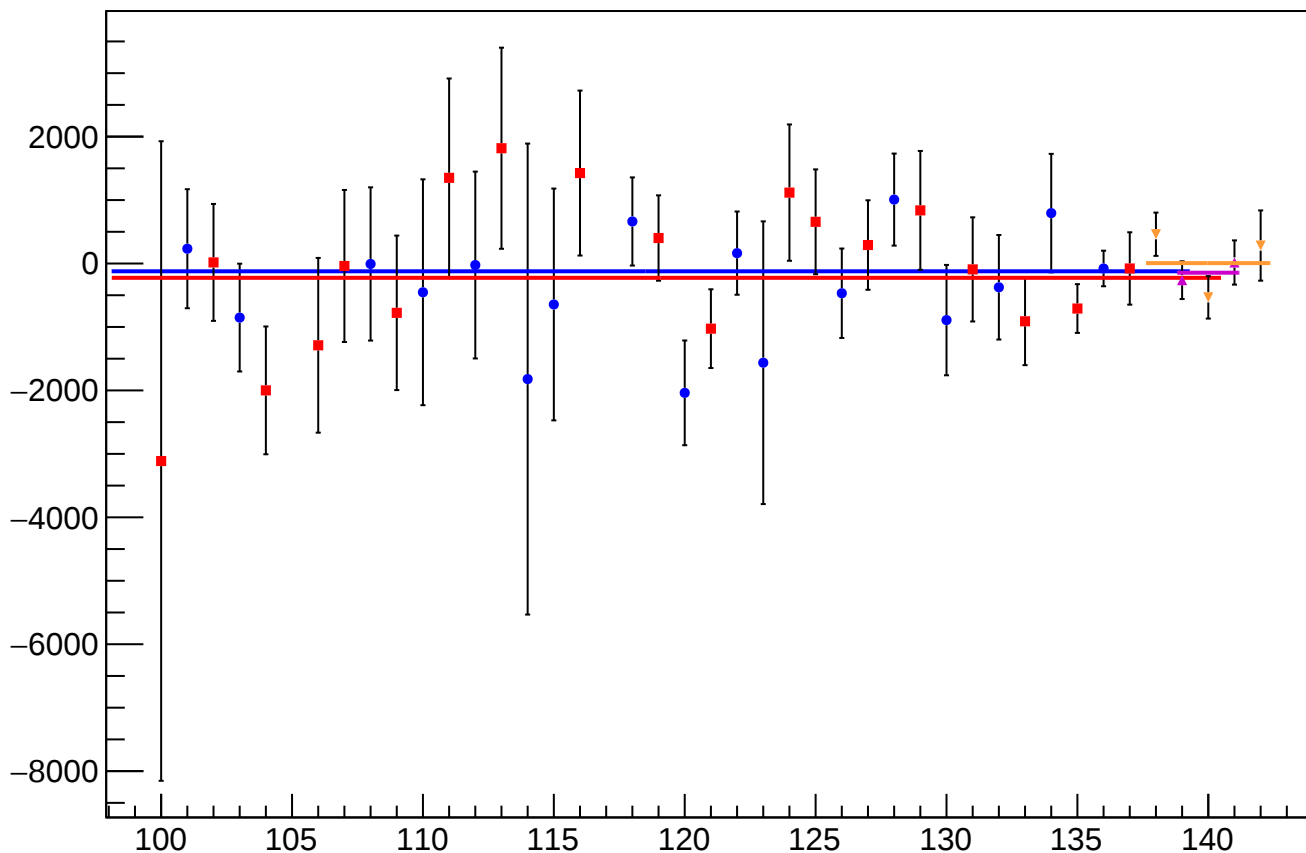
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.014 $\pm$ 0.021 χ^2 /NDF: 968960.9/18

Out: 84.017 $\pm$ 0.020 χ^2 /NDF: 1169933.0/21

All: 83.527 $\pm$ 0.015 χ^2 /NDF: 2140068.5/40

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: 6.379 ± 219.280 χ^2/NDF : 4.6/2

Right Out: -225.420 ± 184.973 χ^2/NDF : 18.3/18

Left In: -144.928 ± 226.252 χ^2/NDF : 0.4/1

Left: -66.907 ± 157.462 χ^2/NDF : 5.2/4

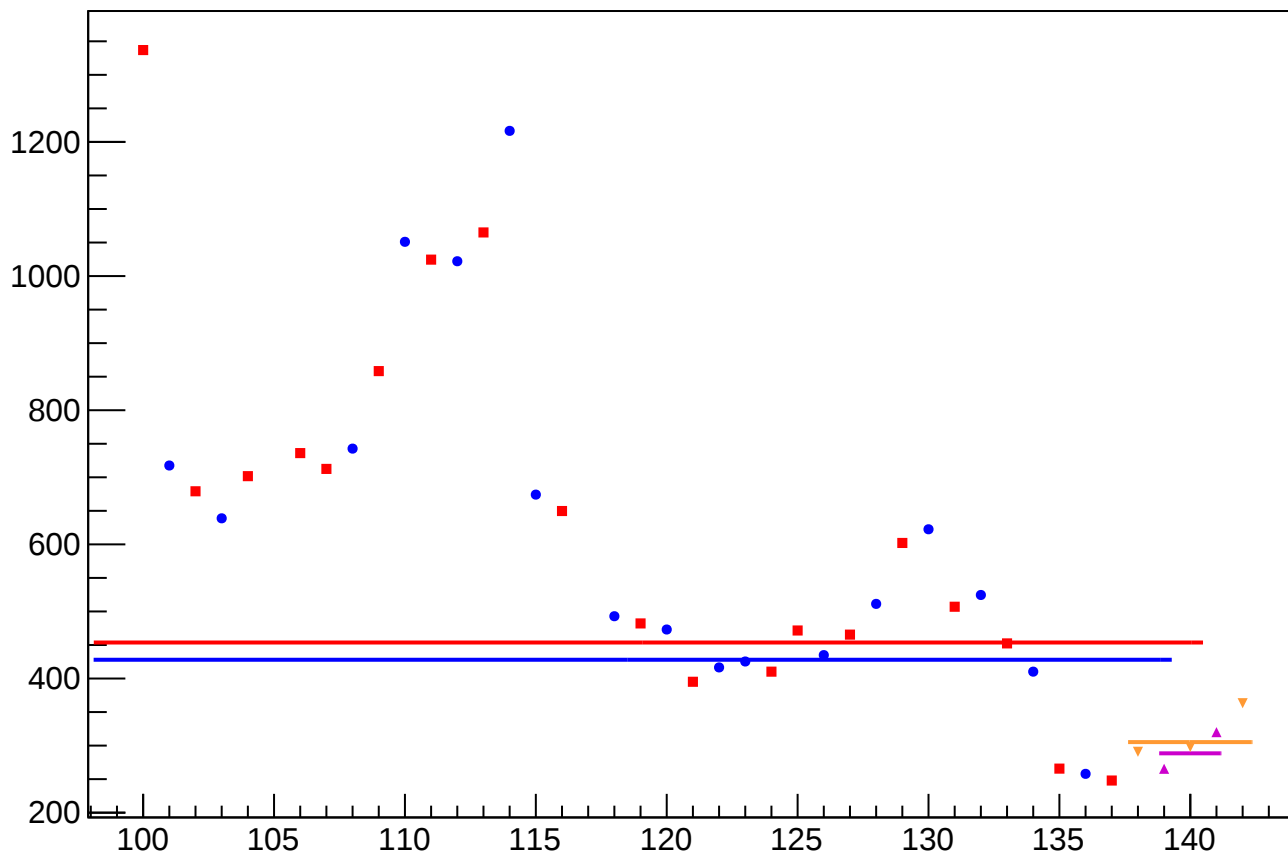
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

In: -131.114 ± 140.662 χ^2/NDF : 13.4/18

Out: -129.051 ± 141.388 χ^2/NDF : 23.6/21

All: -130.088 ± 99.719 χ^2/NDF : 37.0/40

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 305.229 $\pm$ 0.155 χ^2 /NDF:26477.7/2

Right Out: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

Left In: 288.477 $\pm$ 0.160 χ^2 /NDF:28406.2/1

Left: 297.115 $\pm$ 0.111 χ^2 /NDF: 60537.5/4

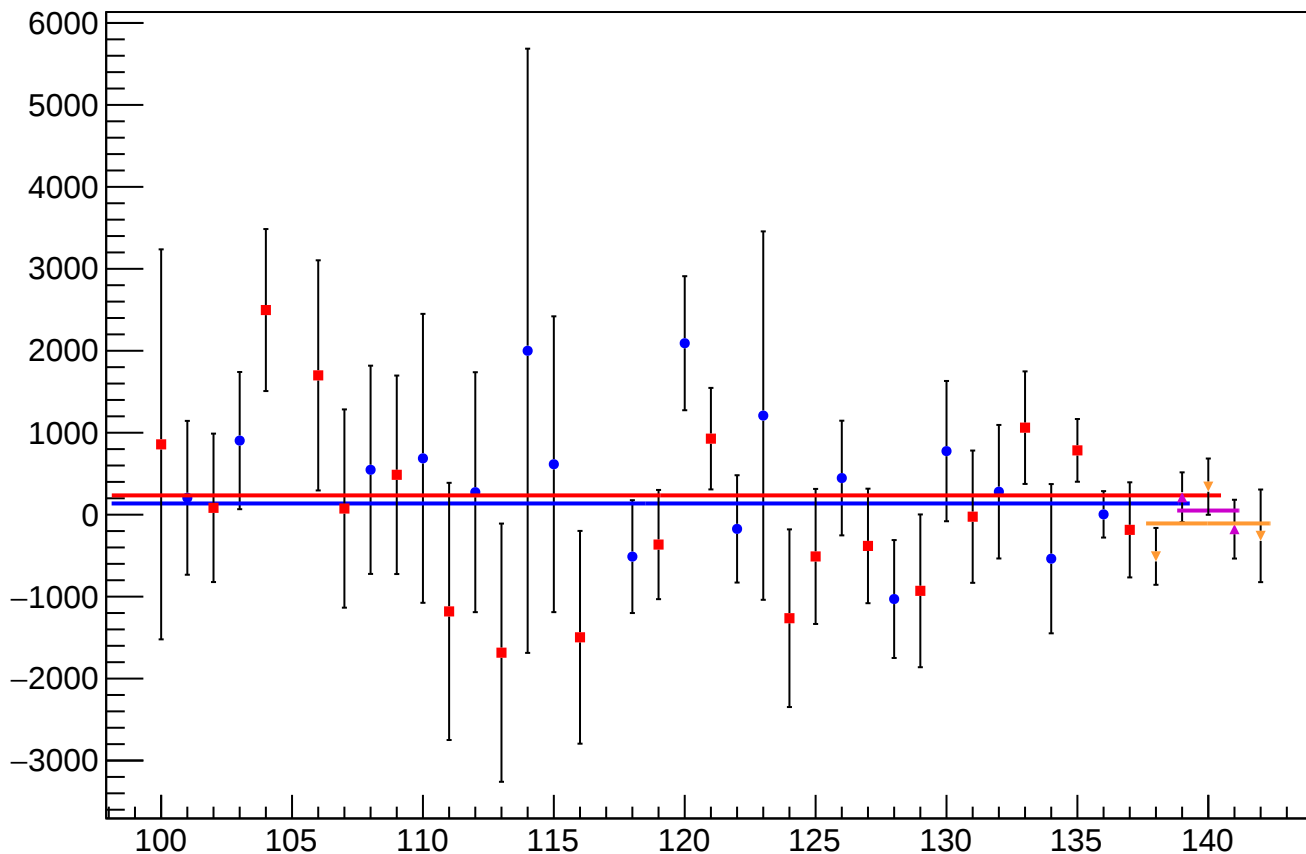
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 374.063 $\pm$ 0.099 χ^2 /NDF:2557147.8/18

Out: 391.974 $\pm$ 0.100 χ^2 /NDF:2696711.8/21

All: 382.972 $\pm$ 0.071 χ^2 /NDF: 5269989.3/40

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -107.002 $\pm$ 224.017 χ^2 /NDF:3.1/2

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: 50.465 $\pm$ 231.666 χ^2 /NDF:0.7/1

Left: -30.911 $\pm$ 161.040 χ^2 /NDF: 4.1/4

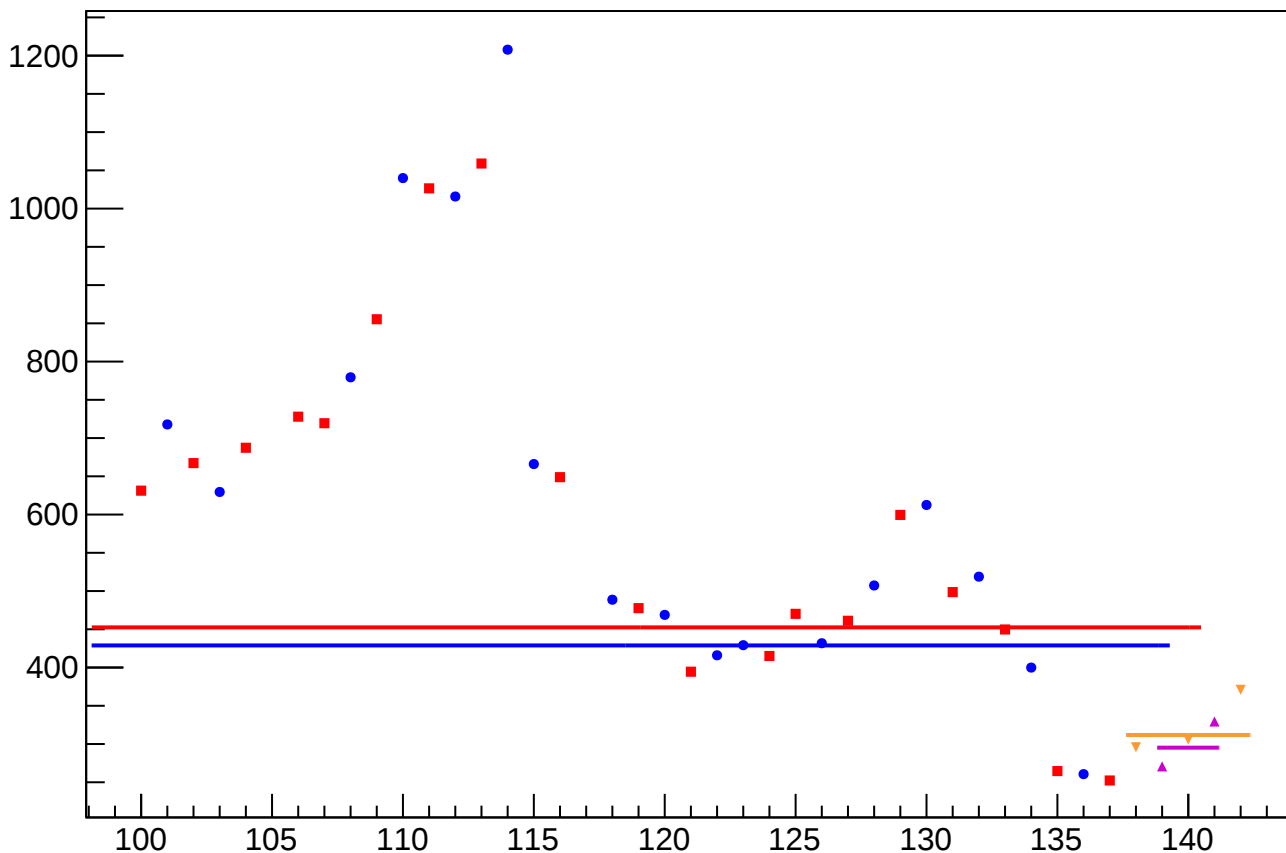
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 104.394 $\pm$ 141.945 χ^2 /NDF:13.4/18

Out: 97.398 $\pm$ 142.198 χ^2 /NDF:26.3/21

All: 100.903 $\pm$ 100.460 χ^2 /NDF: 39.7/40

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 311.813+/-0.158 χ^2/NDF : 26744.9/2

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 295.241+/-0.164 χ^2/NDF : 31202.5/1

Left: 303.805+/-0.114 χ^2/NDF : 63236.1/4

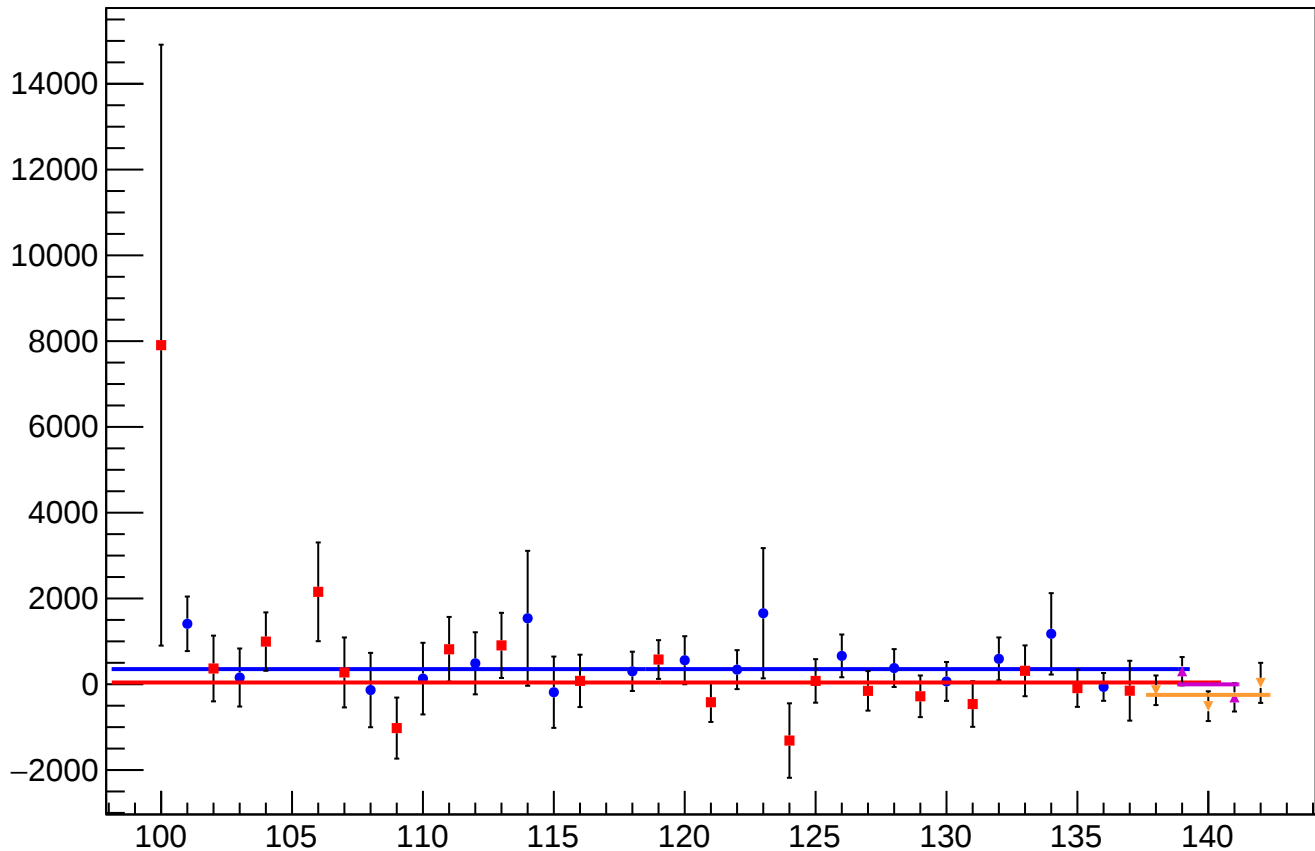
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 378.715+/-0.100 χ^2/NDF : 2457535.0/18

Out: 395.806+/-0.101 χ^2/NDF : 2539740.2/21

All: 387.245+/-0.071 χ^2/NDF : 5011746.6/40

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -247.998 ± 216.888 χ^2/NDF : 1.0/2

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -2.349 ± 233.562 χ^2/NDF : 1.7/1

Left: -134.254 ± 158.931 χ^2/NDF : 3.3/4

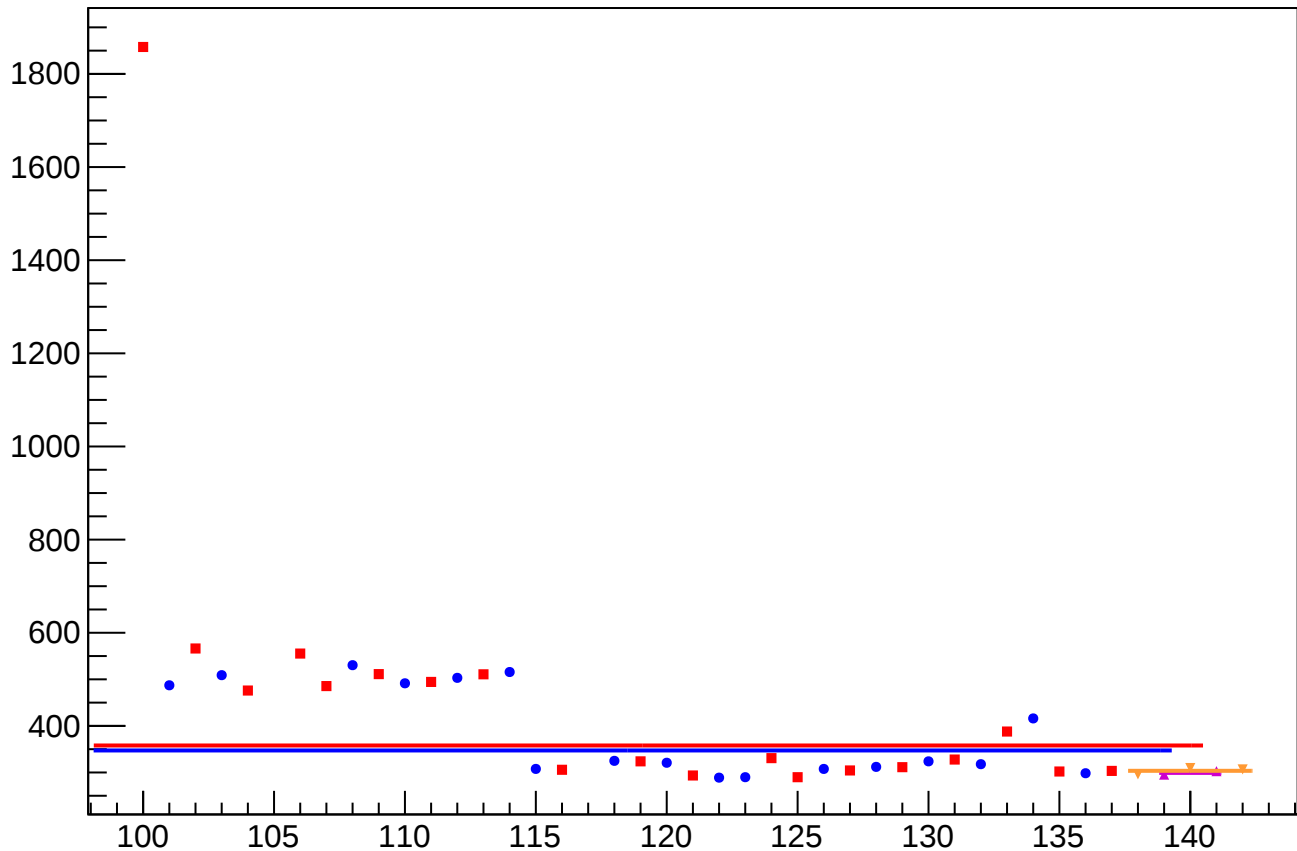
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: 261.687 ± 118.362 χ^2/NDF : 12.0/18

Out: -43.081 ± 117.026 χ^2/NDF : 20.5/21

All: 107.573 ± 83.218 χ^2/NDF : 35.8/40

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 303.570+/-0.153 χ^2/NDF :1653.4/2

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 299.119+/-0.165 χ^2/NDF :505.3/1

Left: 301.509+/-0.112 χ^2/NDF : 2548.7/4

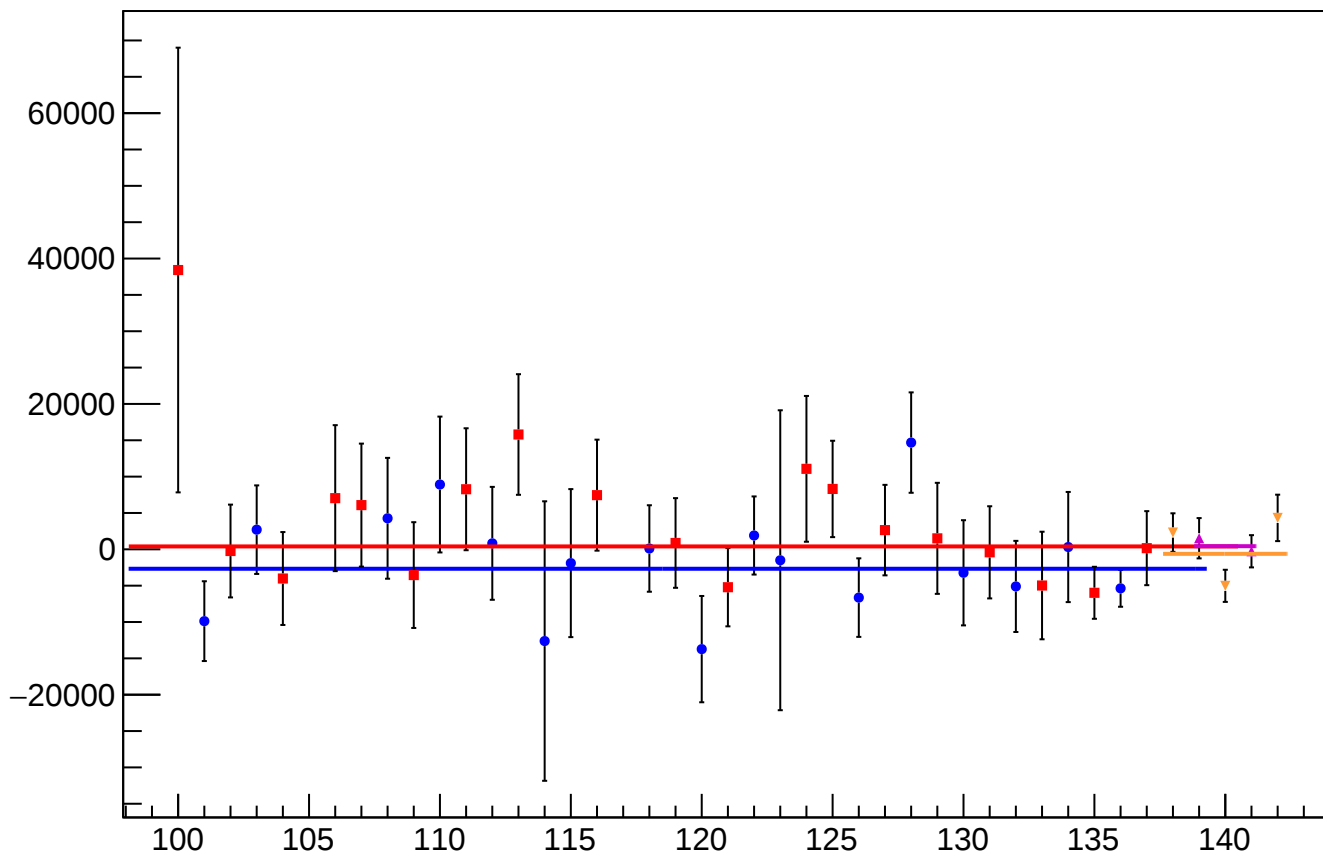
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 334.911+/-0.084 χ^2/NDF :682609.6/18

Out: 342.122+/-0.083 χ^2/NDF :942442.4/21

All: 338.558+/-0.059 χ^2/NDF : 1628805.1/40

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 ± 1456.188 χ^2/NDF : 16.7/16

Left Out: -620.304 ± 1498.223 χ^2/NDF : 7.6/2

Right Out: 398.443 ± 1515.968 χ^2/NDF : 15.9/18

Left In: 430.242 ± 1731.757 χ^2/NDF : 0.3/1

Left: -170.592 ± 1133.043 χ^2/NDF : 8.1/4

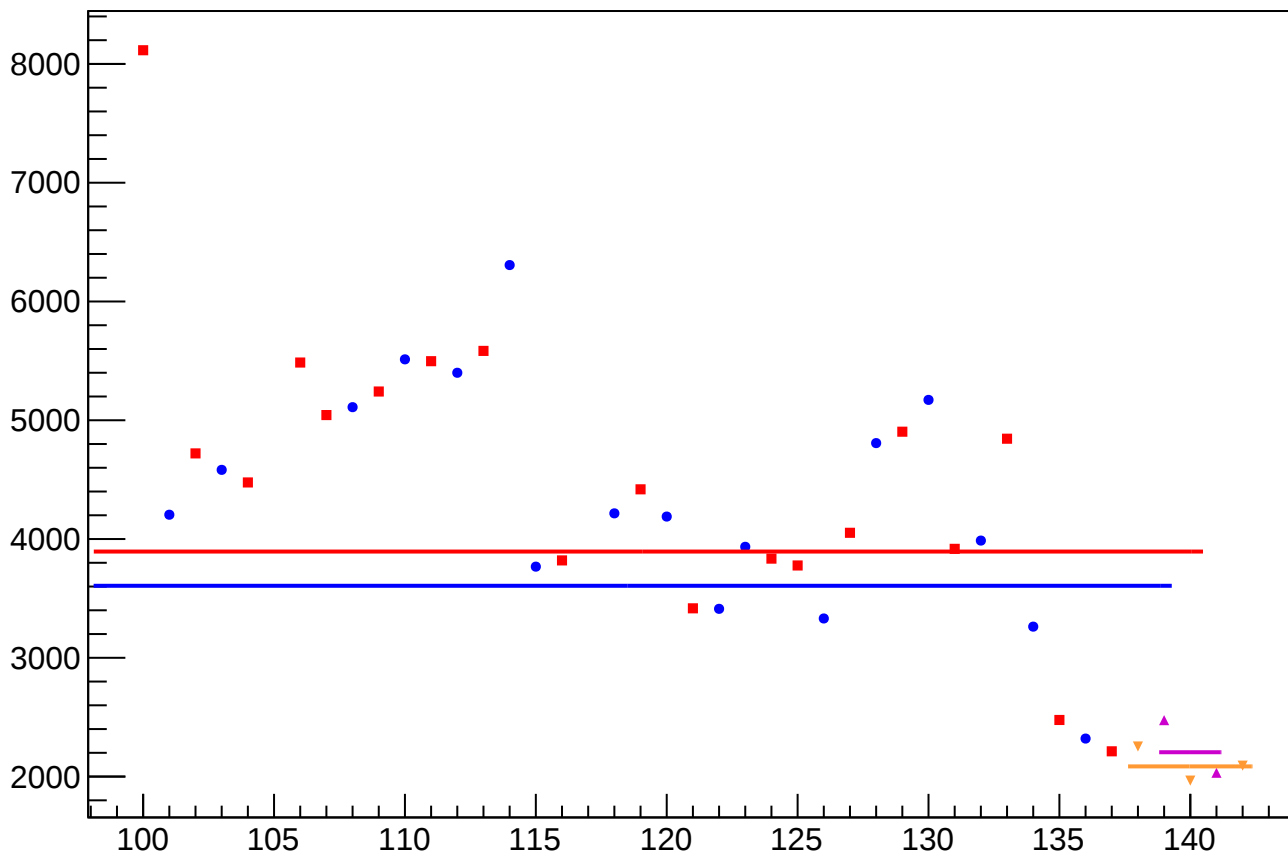
Right: -1199.564 ± 1050.178 χ^2/NDF : 34.8/35

In: -1388.237 ± 1114.531 χ^2/NDF : 18.9/18

Out: -116.928 ± 1065.622 χ^2/NDF : 23.7/21

All: -724.077 ± 770.219 χ^2/NDF : 43.3/40

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2085.594+/-1.059 χ^2/NDF : 13872.9/2

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2204.945+/-1.225 χ^2/NDF : 31120.1/1

Left: 2136.685+/-0.801 χ^2/NDF : 50426.0/4

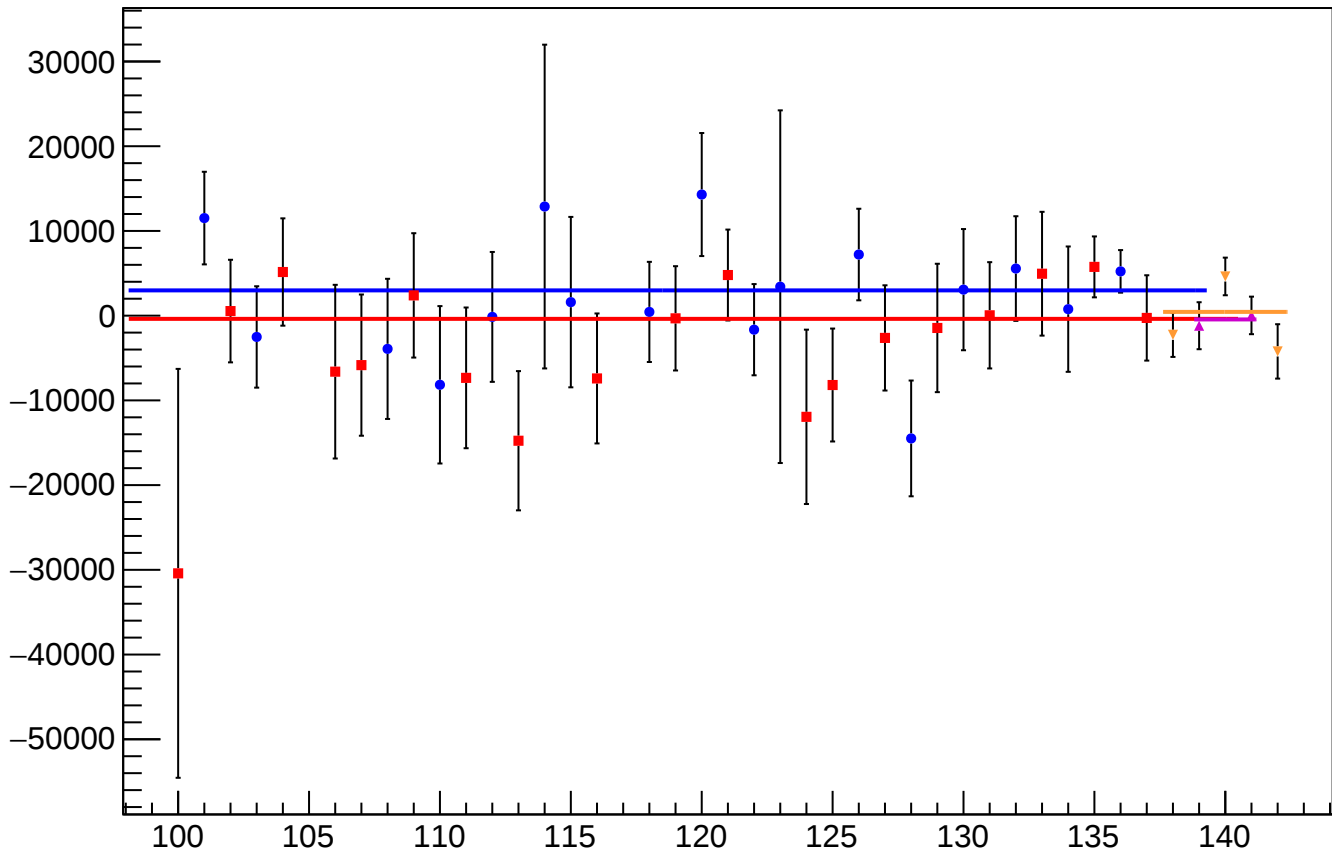
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 3025.893+/-0.788 χ^2/NDF : 1890889.6/18

Out: 2979.446+/-0.754 χ^2/NDF : 2487351.6/21

All: 3001.628+/-0.545 χ^2/NDF : 4380055.8/40

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 445.281 $\pm$ 1496.737 χ^2 /NDF: 6.7/2

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: -444.666 $\pm$ 1731.034 χ^2 /NDF: 0.1/1

Left: 64.568 $\pm$ 1132.198 χ^2 /NDF: 7.0/4

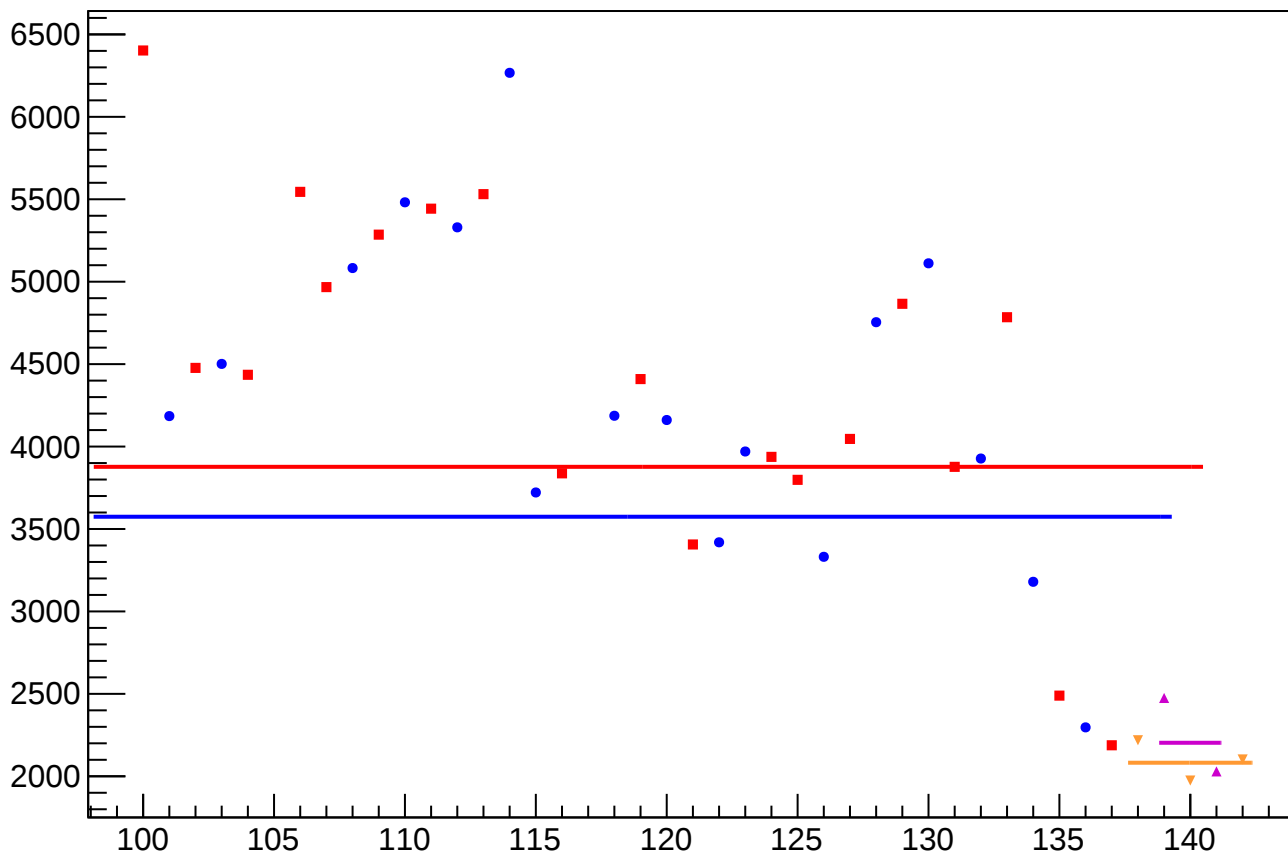
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1577.312 $\pm$ 1108.680 χ^2 /NDF: 19.9/18

Out: 36.870 $\pm$ 1062.101 χ^2 /NDF: 21.9/21

All: 774.053 $\pm$ 766.957 χ^2 /NDF: 42.8/40

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2082.242 $\pm$ 1.058 χ^2 /NDF:10258.1/2

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2203.271 $\pm$ 1.224 χ^2 /NDF:31506.4/1

Left: 2134.017 $\pm$ 0.801 χ^2 /NDF: 47358.8/4

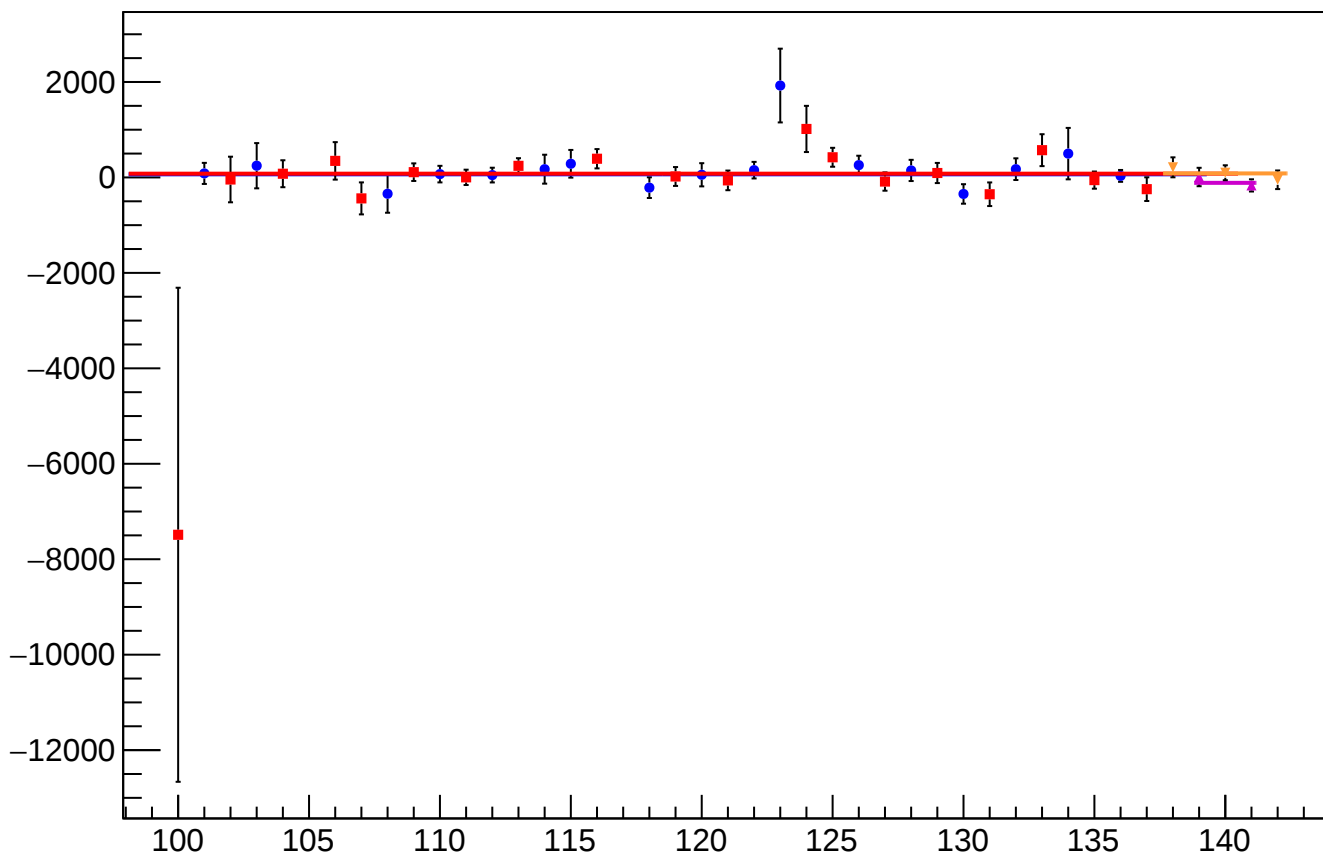
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 3011.933 $\pm$ 0.784 χ^2 /NDF:1862892.7/18

Out: 2973.315 $\pm$ 0.751 χ^2 /NDF:2428251.4/21

All: 2991.796 $\pm$ 0.542 χ^2 /NDF: 4292409.4/40

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 84.147+/-105.313 χ^2/NDF : 0.8/2

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: -113.407+/-106.513 χ^2/NDF : 0.6/1

Left: -13.511+/-74.888 χ^2/NDF : 3.2/4

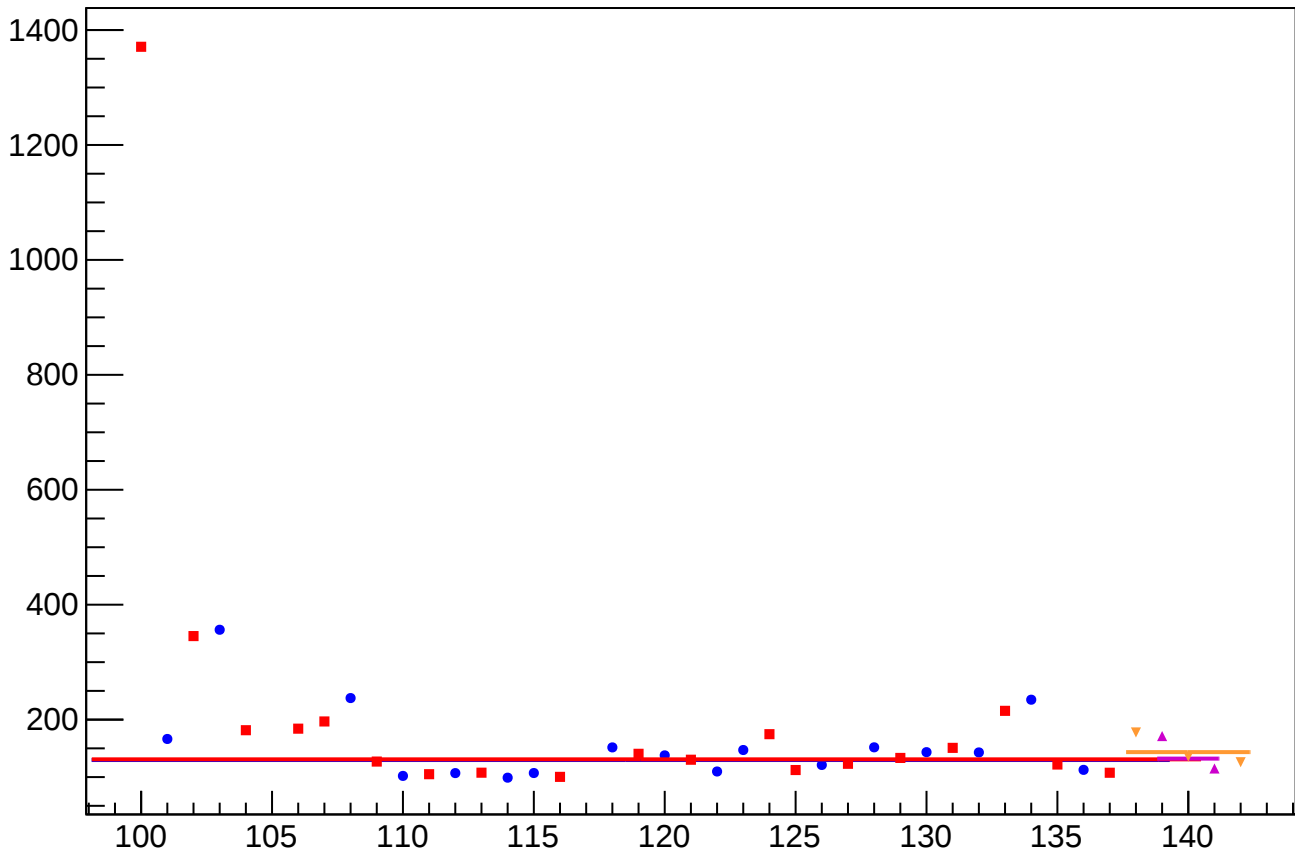
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 30.095+/-47.235 χ^2/NDF : 18.6/18

Out: 79.778+/-46.871 χ^2/NDF : 25.1/21

All: 55.128+/-33.271 χ^2/NDF : 44.3/40

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 143.463 $\pm$ 0.074 χ^2 /NDF: 74658.4/2

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 132.152 $\pm$ 0.075 χ^2 /NDF: 118863.7/1

Left: 137.872 $\pm$ 0.053 χ^2 /NDF: 204927.4/4

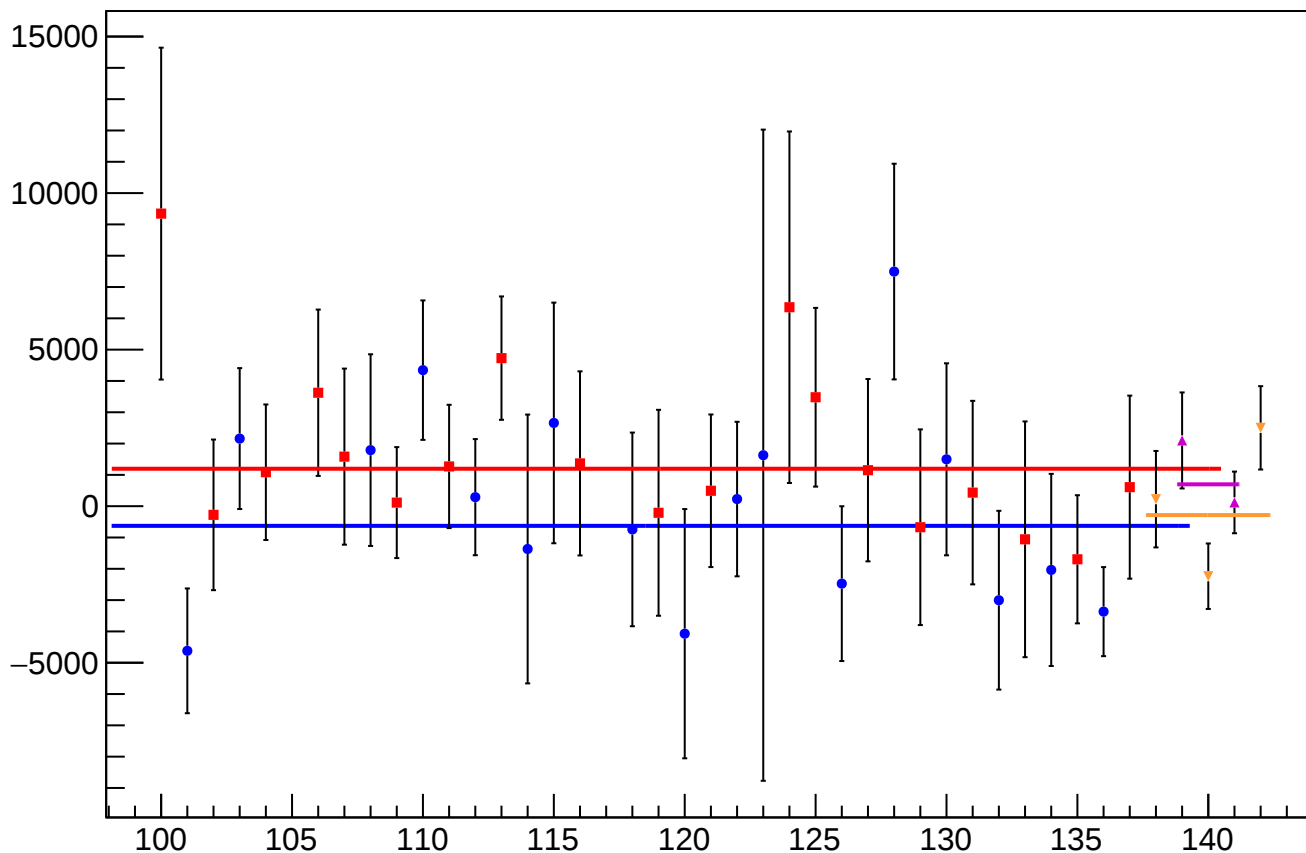
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 130.180 $\pm$ 0.033 χ^2 /NDF: 1109399.7/18

Out: 133.371 $\pm$ 0.033 χ^2 /NDF: 1139886.9/21

All: 131.788 $\pm$ 0.024 χ^2 /NDF: 2253887.1/40

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -283.879+/-725.454 χ^2/NDF : 8.0/2

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 698.101+/-828.484 χ^2/NDF : 1.2/1

Left: 142.288+/-545.787 χ^2/NDF : 10.0/4

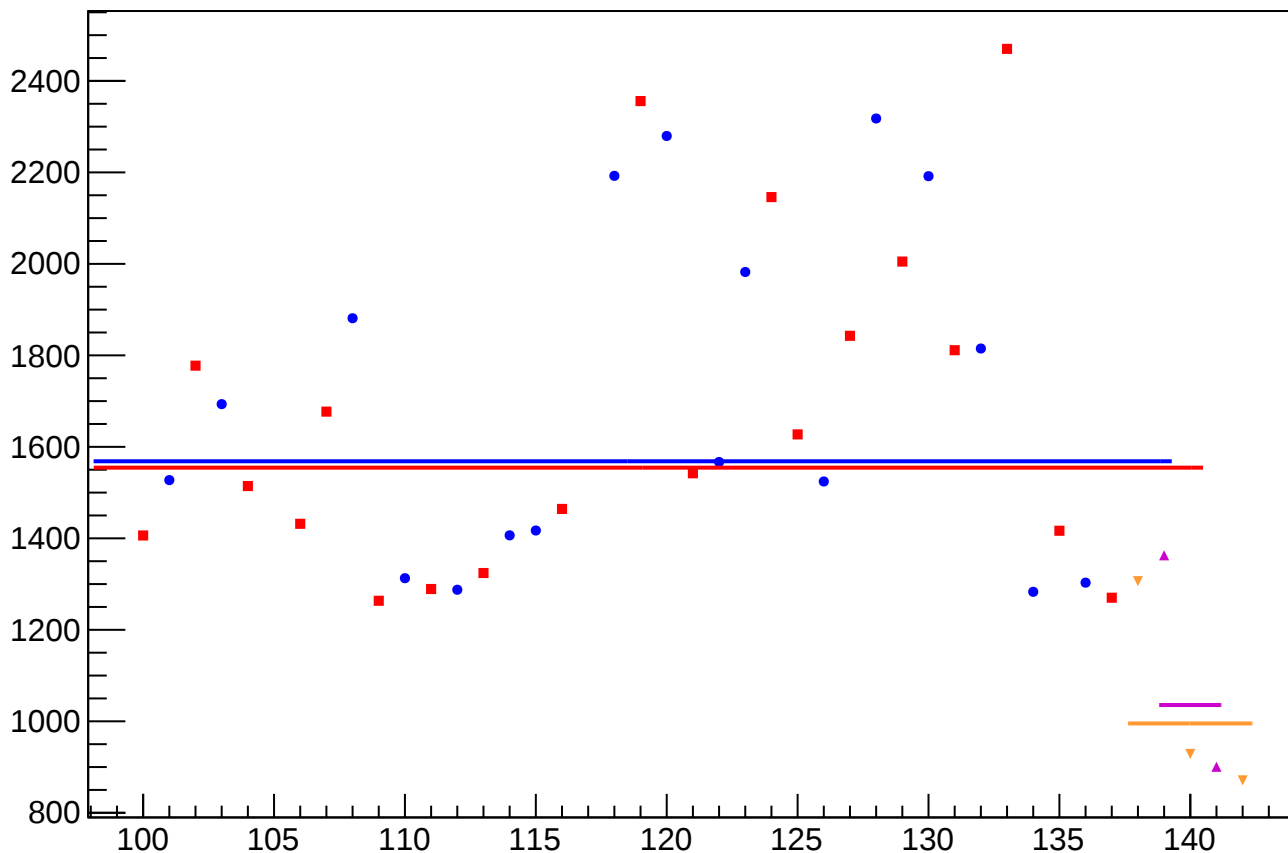
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -150.594+/-497.154 χ^2/NDF : 27.1/18

Out: 600.144+/-460.371 χ^2/NDF : 22.2/21

All: 253.571+/-337.787 χ^2/NDF : 50.6/40

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 995.274+/-0.513 χ^2/NDF :107138.4/2

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 1035.614+/-0.586 χ^2/NDF :128707.8/1

Left: 1012.781+/-0.386 χ^2/NDF : 238530.1/4

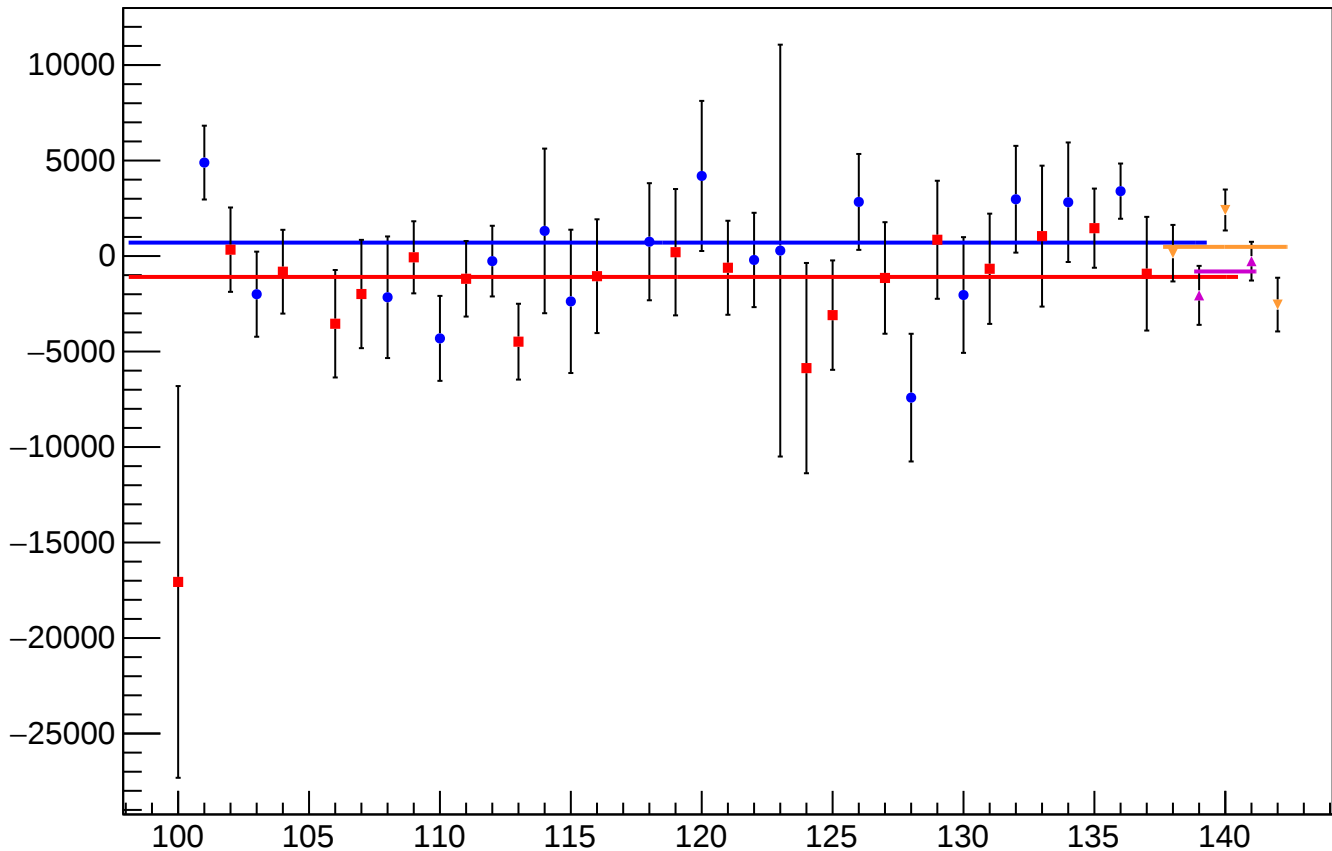
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1376.600+/-0.352 χ^2/NDF :1192344.1/18

Out: 1329.308+/-0.326 χ^2/NDF :1329096.4/21

All: 1351.140+/-0.239 χ^2/NDF : 2531183.2/40

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 480.173+/-738.801 χ^2/NDF : 7.9/2

Right Out: -1093.862+/-603.204 χ^2/NDF : 10.6/18

Left In: -807.834+/-847.416 χ^2/NDF : 0.9/1

Left: -76.047+/-556.879 χ^2/NDF : 10.2/4

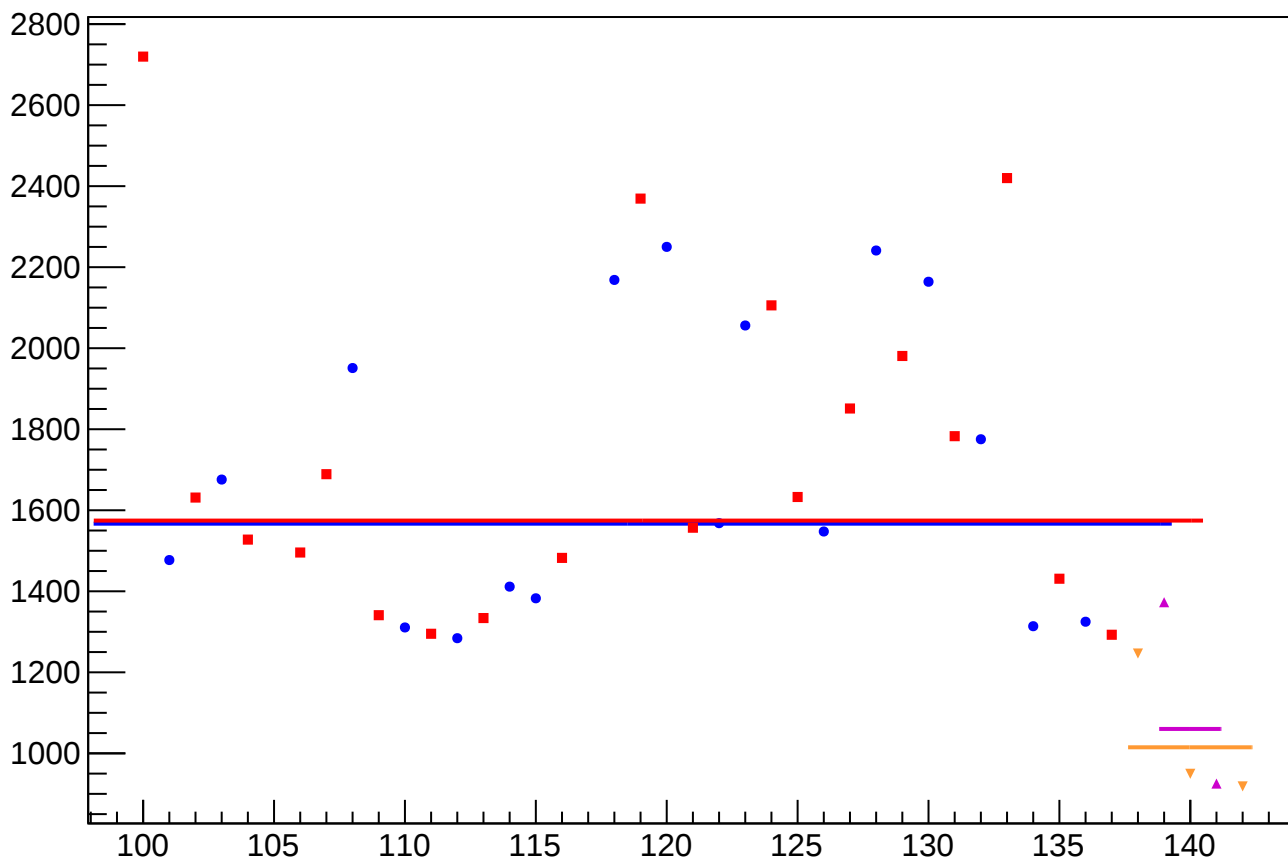
Right: -220.967+/-432.555 χ^2/NDF : 40.9/35

In: 175.589+/-500.701 χ^2/NDF : 29.0/18

Out: -464.279+/-467.247 χ^2/NDF : 21.3/21

All: -166.433+/-341.609 χ^2/NDF : 51.1/40

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 1014.934 $\pm$ 0.522 χ^2 /NDF: 65786.5/2

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 1060.241 $\pm$ 0.599 χ^2 /NDF: 117484.0/1

Left: 1034.499 $\pm$ 0.394 χ^2 /NDF: 186518.6/4

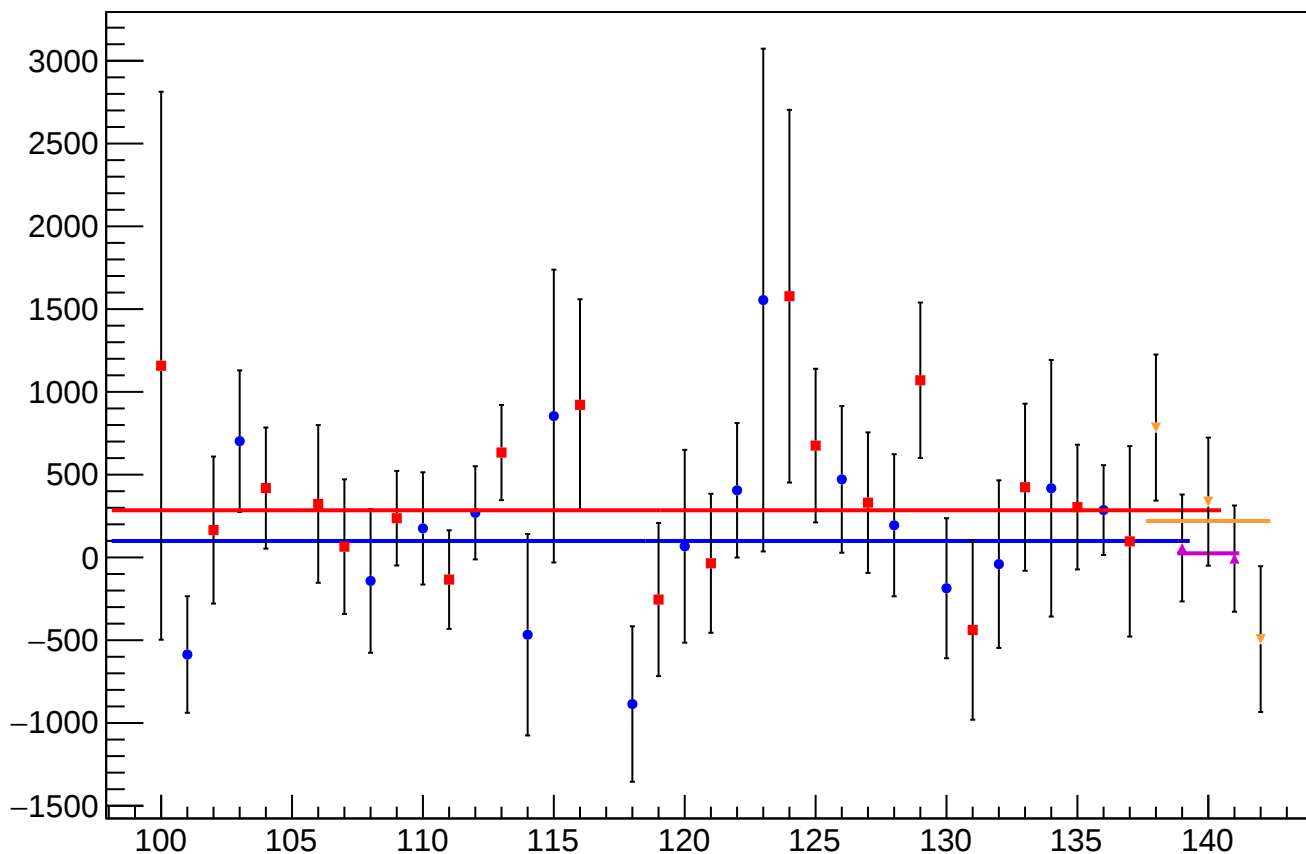
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1390.044 $\pm$ 0.354 χ^2 /NDF: 1082742.8/18

Out: 1350.699 $\pm$ 0.330 χ^2 /NDF: 1218540.1/21

All: 1369.013 $\pm$ 0.242 χ^2 /NDF: 2307883.8/40

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 220.130 $\pm$ 242.639 χ^2 /NDF:4.4/2

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 24.766 $\pm$ 227.625 χ^2 /NDF:0.0/1

Left: 116.217 $\pm$ 166.009 χ^2 /NDF: 4.7/4

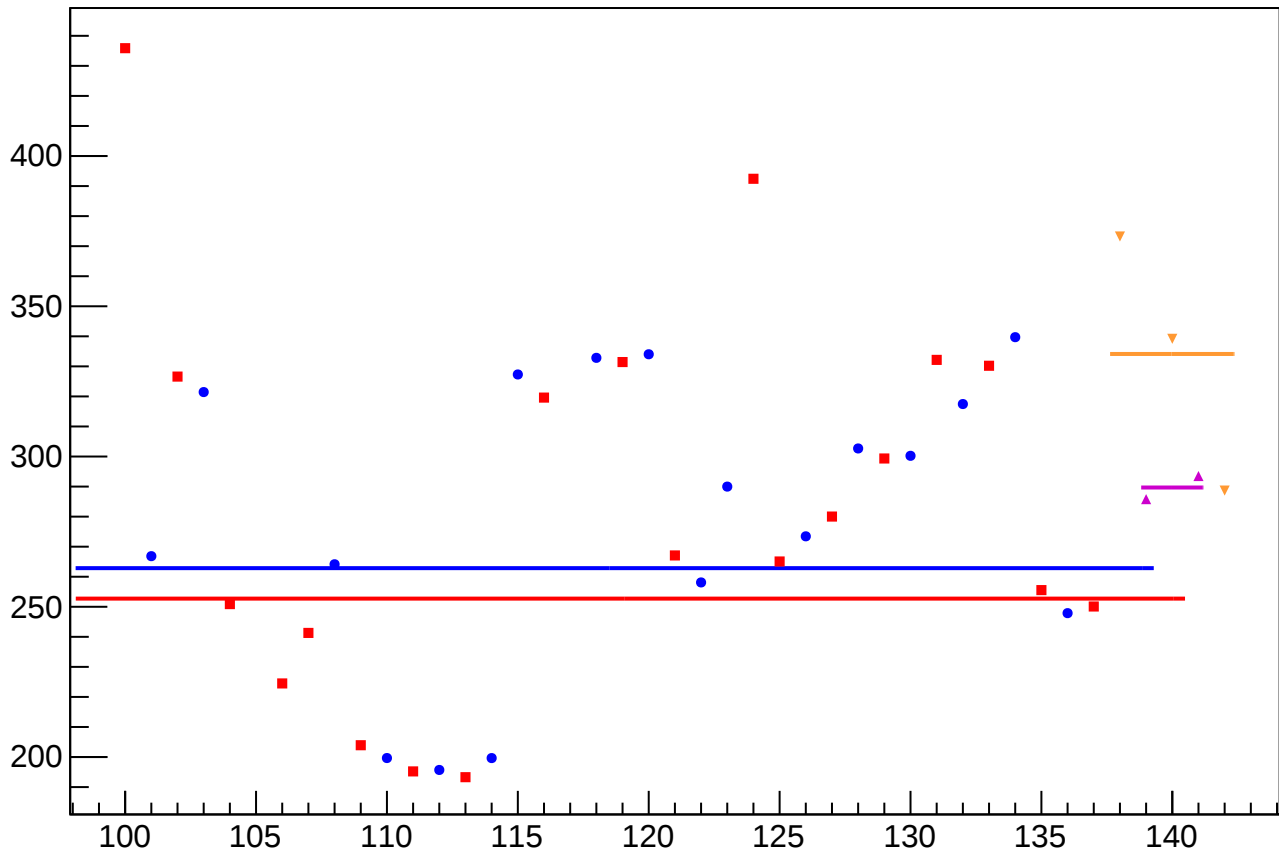
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 86.610 $\pm$ 94.190 χ^2 /NDF:16.0/18

Out: 275.848 $\pm$ 90.636 χ^2 /NDF:18.4/21

All: 184.866 $\pm$ 65.310 χ^2 /NDF: 36.5/40

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 334.129+/-0.172 χ^2/NDF : 37384.3/2

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 289.690+/-0.161 χ^2/NDF : 570.8/1

Left: 310.492+/-0.117 χ^2/NDF : 73637.7/4

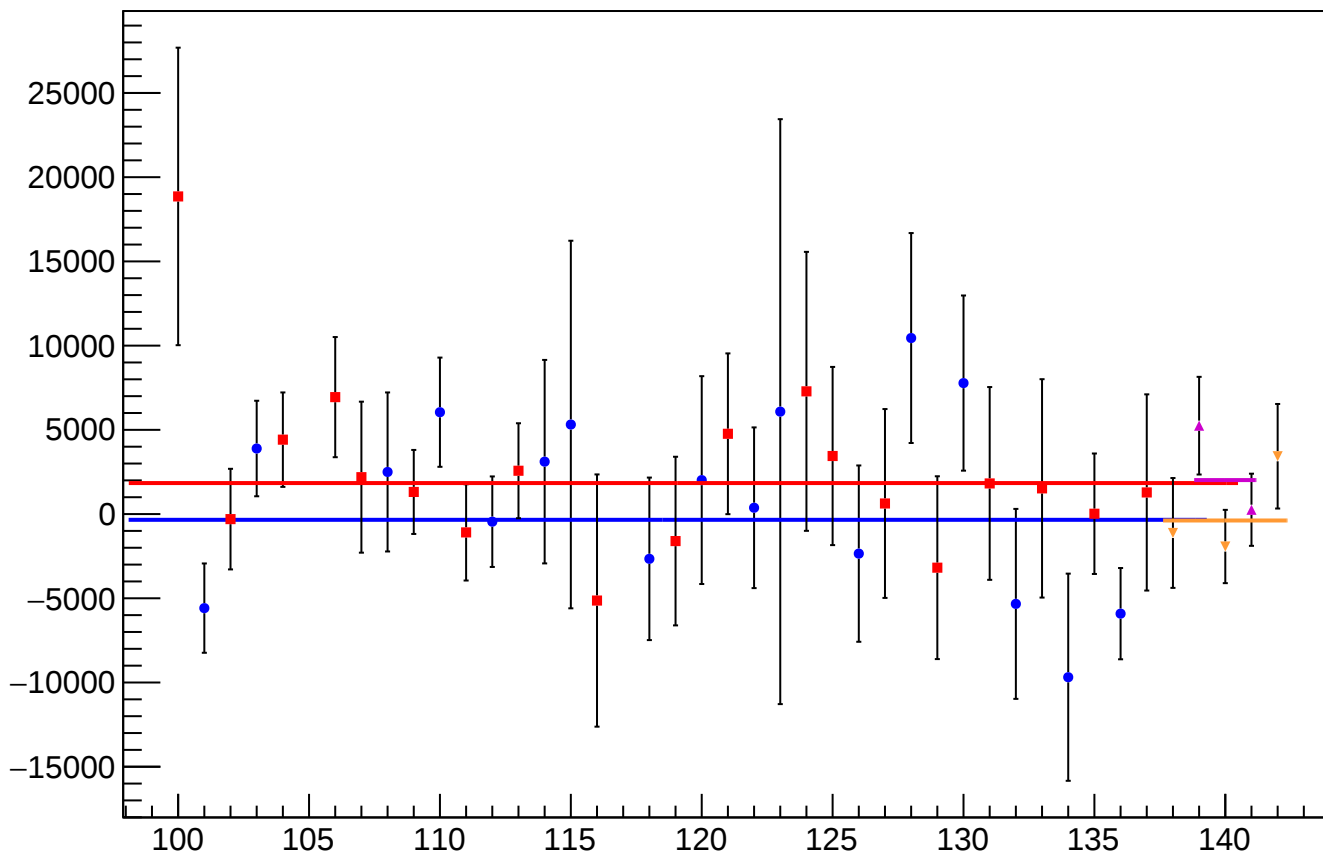
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 267.451+/-0.067 χ^2/NDF : 435303.7/18

Out: 264.079+/-0.064 χ^2/NDF : 770836.1/21

All: 265.700+/-0.046 χ^2/NDF : 1207470.5/40

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -381.511+/-1563.396 χ^2/NDF : 2.1/2

Right Out: 1840.596+/-924.746 χ^2/NDF : 11.7/18

Left In: 2017.563+/-1722.814 χ^2/NDF : 1.9/1

Left: 701.917+/-1157.755 χ^2/NDF : 5.0/4

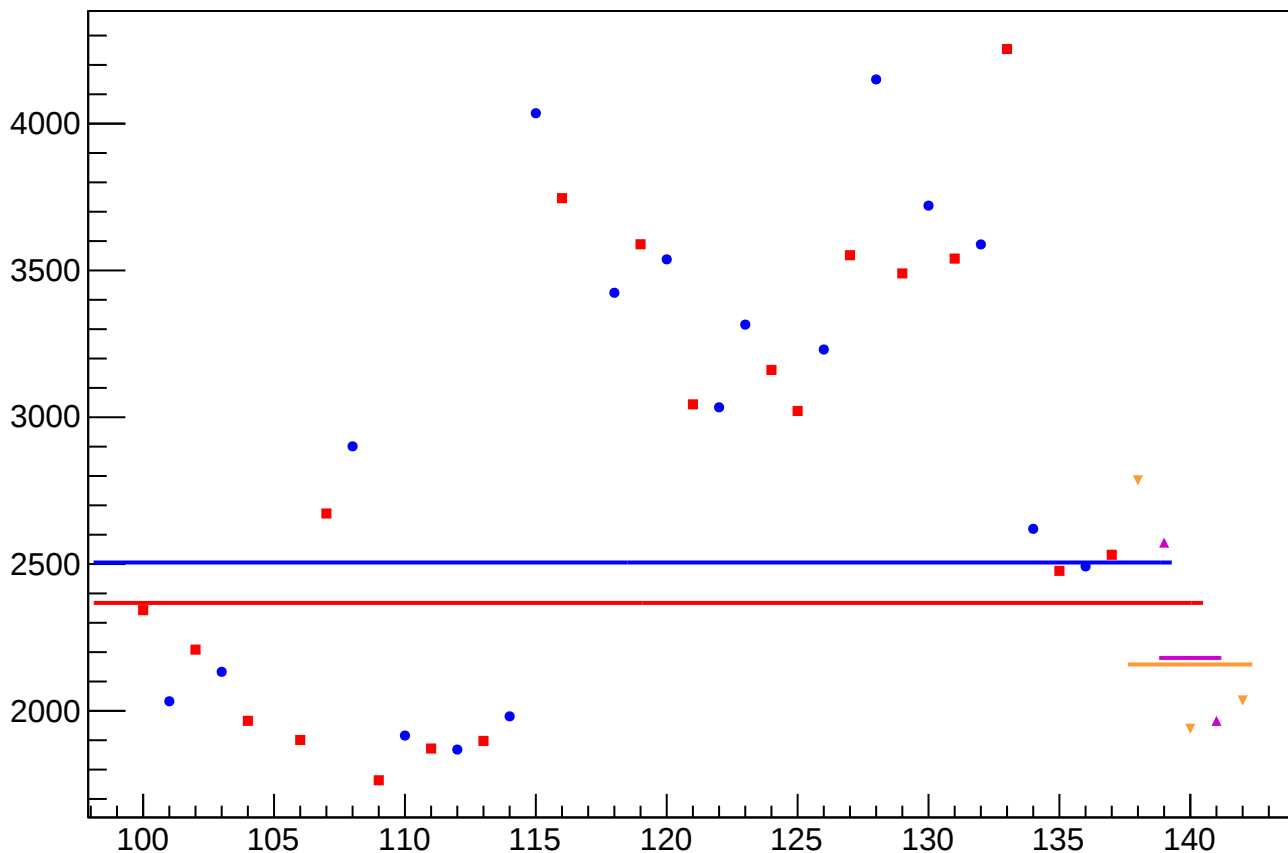
Right: 839.728+/-680.387 χ^2/NDF : 38.7/35

In: 257.102+/-867.857 χ^2/NDF : 27.7/18

Out: 1264.652+/-795.933 χ^2/NDF : 15.3/21

All: 804.351+/-586.591 χ^2/NDF : 43.7/40

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2158.000+/-1.105 χ^2/NDF : 97364.3/2

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2180.345+/-1.218 χ^2/NDF : 56723.4/1

Left: 2168.091+/-0.819 χ^2/NDF : 154272.2/4

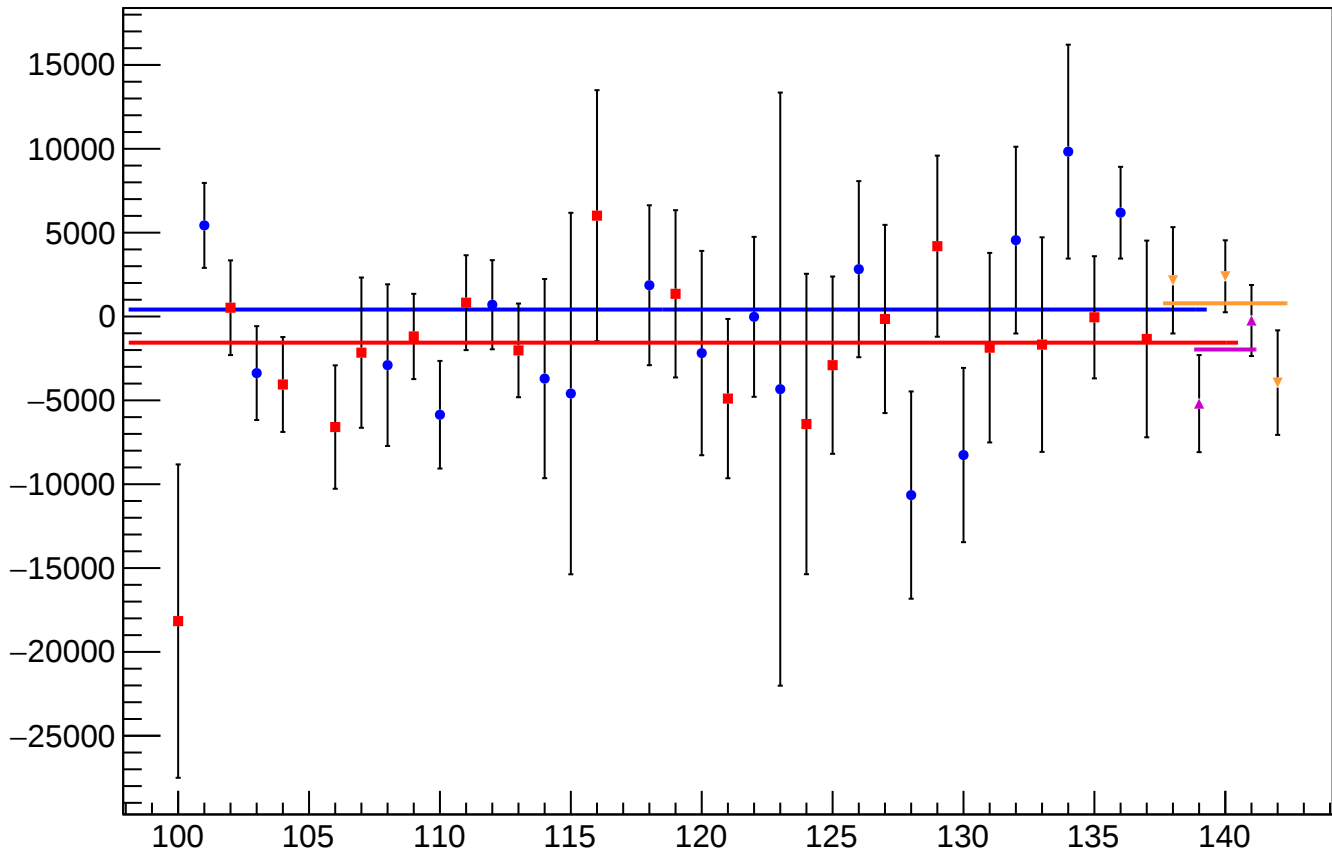
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2422.862+/-0.614 χ^2/NDF : 973964.8/18

Out: 2313.371+/-0.563 χ^2/NDF : 1154923.6/21

All: 2363.392+/-0.415 χ^2/NDF : 2146179.1/40

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 787.259 $\pm$ 1544.082 χ^2 /NDF:3.1/2

Right Out: -1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

Left In: -1967.795 $\pm$ 1709.948 χ^2 /NDF:1.9/1

Left: -450.200 $\pm$ 1145.996 χ^2 /NDF: 6.4/4

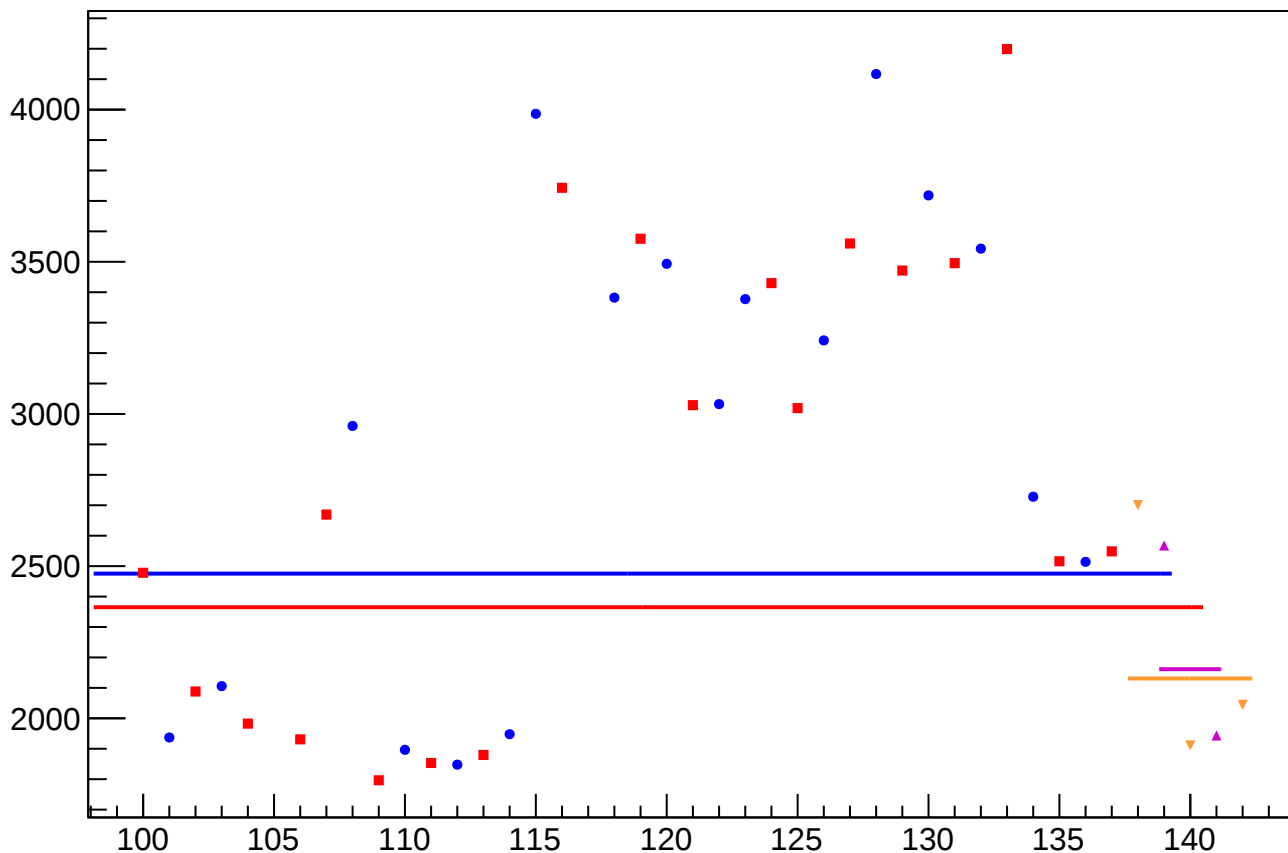
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: -187.234 $\pm$ 859.944 χ^2 /NDF:27.9/18

Out: -939.757 $\pm$ 793.155 χ^2 /NDF:15.5/21

All: -593.850 $\pm$ 583.029 χ^2 /NDF: 43.7/40

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2130.848+/-1.092 χ^2/NDF : 87109.4/2

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2161.364+/-1.209 χ^2/NDF : 60556.3/1

Left: 2144.554+/-0.810 χ^2/NDF : 148016.6/4

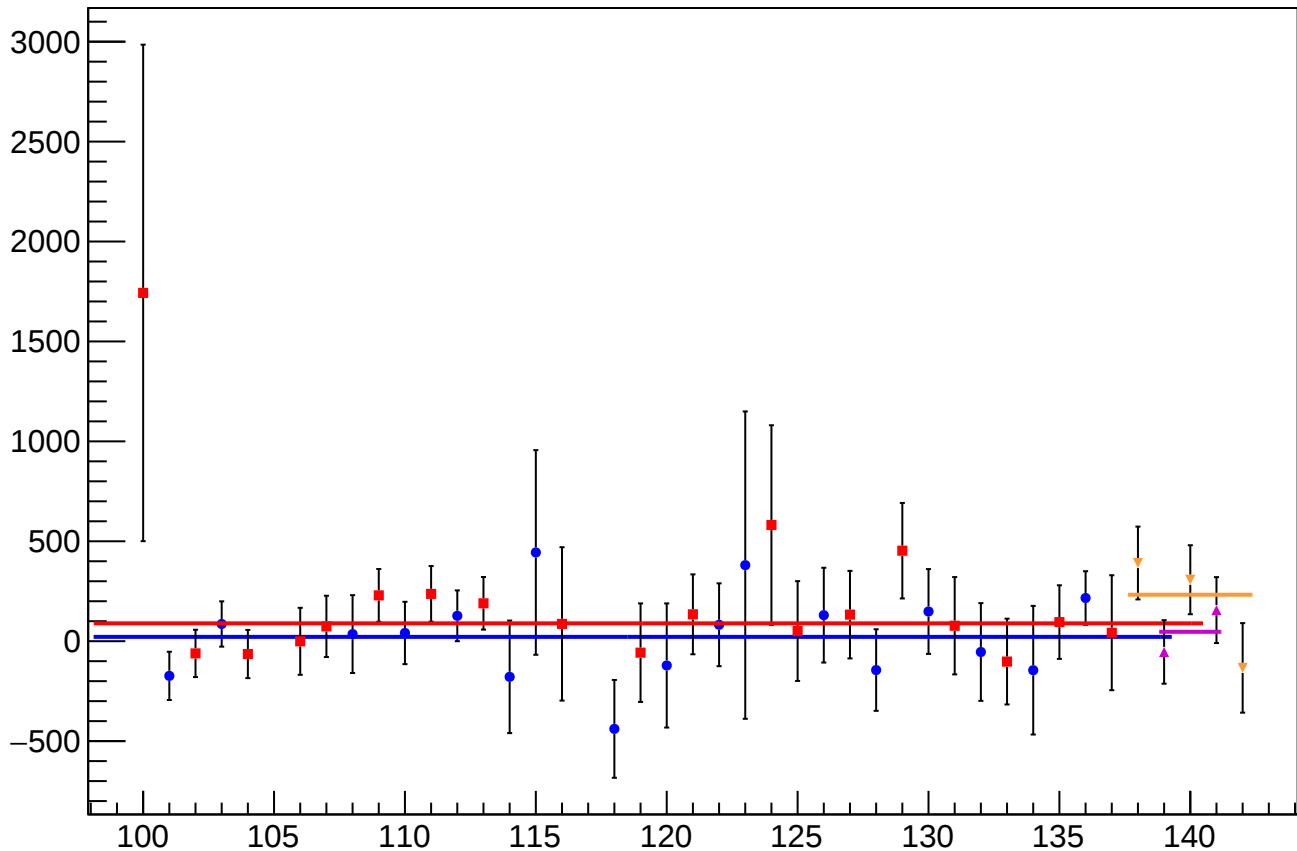
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2396.002+/-0.608 χ^2/NDF : 1024036.5/18

Out: 2303.235+/-0.561 χ^2/NDF : 1148145.0/21

All: 2345.876+/-0.412 χ^2/NDF : 2184757.4/40

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 232.591 $\pm$ 109.337 χ^2 /NDF:3.6/2

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 47.092 $\pm$ 114.466 χ^2 /NDF:0.8/1

Left: 144.091 $\pm$ 79.064 χ^2 /NDF: 5.8/4

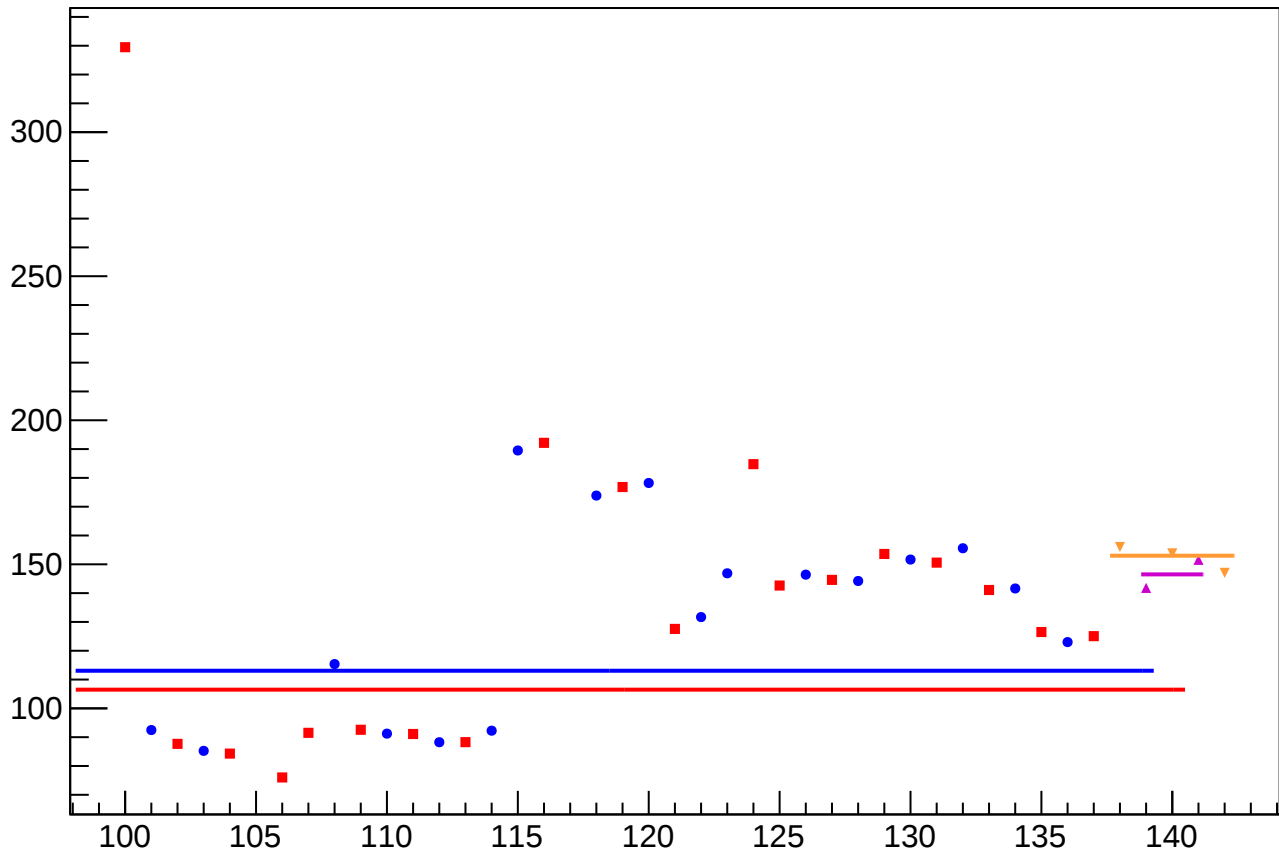
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 25.075 $\pm$ 42.006 χ^2 /NDF:13.5/18

Out: 107.586 $\pm$ 39.046 χ^2 /NDF:17.8/21

All: 69.340 $\pm$ 28.599 χ^2 /NDF: 33.4/40

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 152.990 $\pm$ 0.077 χ^2 /NDF: 2010.7/2

Right Out: 106.493 $\pm$ 0.030 χ^2 /NDF: 1016224.6/18

Left In: 146.505 $\pm$ 0.081 χ^2 /NDF: 3605.0/1

Left: 149.896 $\pm$ 0.056 χ^2 /NDF: 8972.2/4

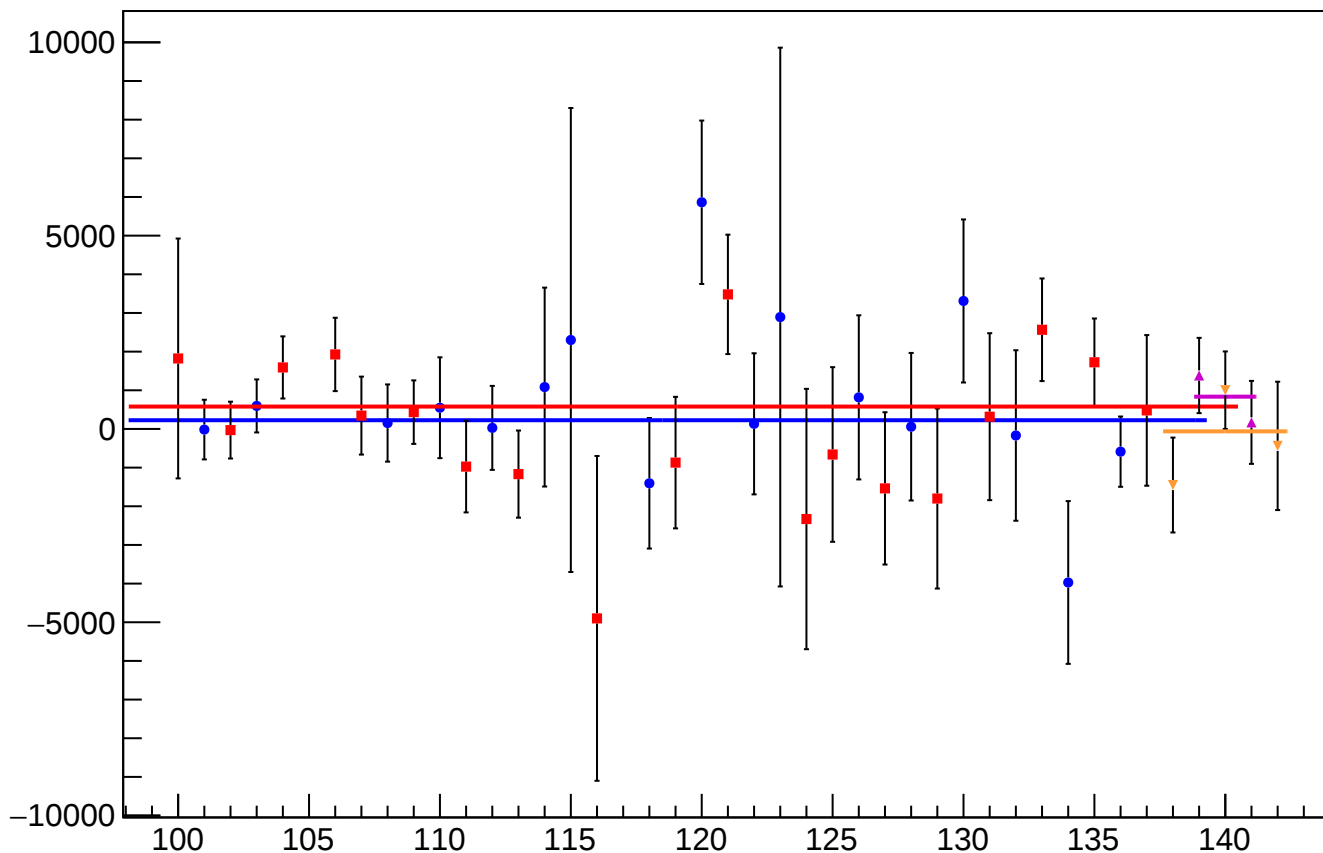
Right: 109.523 $\pm$ 0.022 χ^2 /NDF: 1859790.1/35

In: 117.563 $\pm$ 0.030 χ^2 /NDF: 972160.6/18

Out: 112.423 $\pm$ 0.028 χ^2 /NDF: 1333802.9/21

All: 114.805 $\pm$ 0.020 χ^2 /NDF: 2322029.2/40

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -62.079 $\pm$ 703.355 χ^2 /NDF:2.5/2

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 834.986 $\pm$ 721.005 χ^2 /NDF:0.7/1

Left: 375.340 $\pm$ 503.471 χ^2 /NDF: 4.0/4

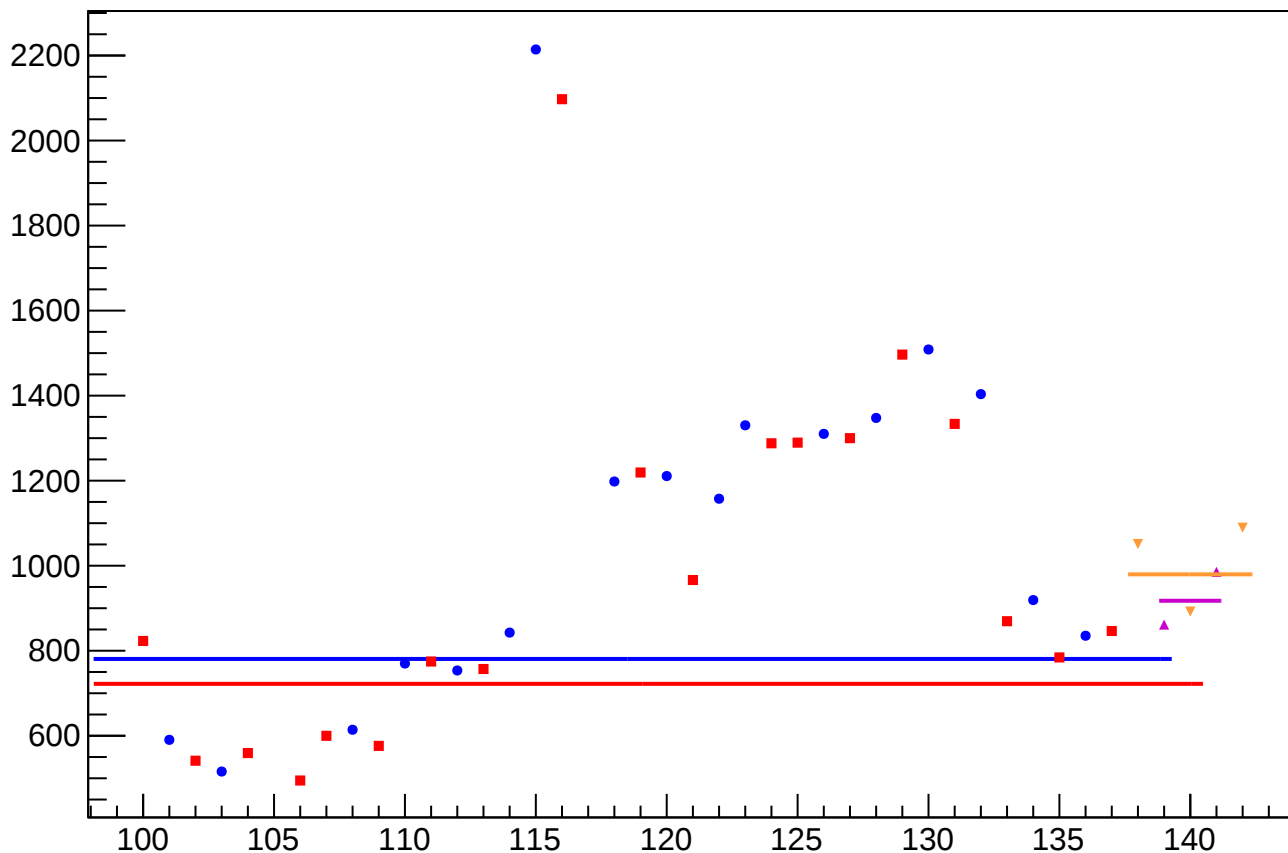
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 326.652 $\pm$ 293.564 χ^2 /NDF:17.3/18

Out: 486.288 $\pm$ 267.500 χ^2 /NDF:24.3/21

All: 413.870 $\pm$ 197.725 χ^2 /NDF: 41.7/40

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 979.672+/-0.497 χ^2/NDF : 30736.2/2

Right Out: 722.148+/-0.205 χ^2/NDF : 1628760.4/18

Left In: 917.518+/-0.510 χ^2/NDF : 14676.6/1

Left: 949.365+/-0.356 χ^2/NDF : 53028.2/4

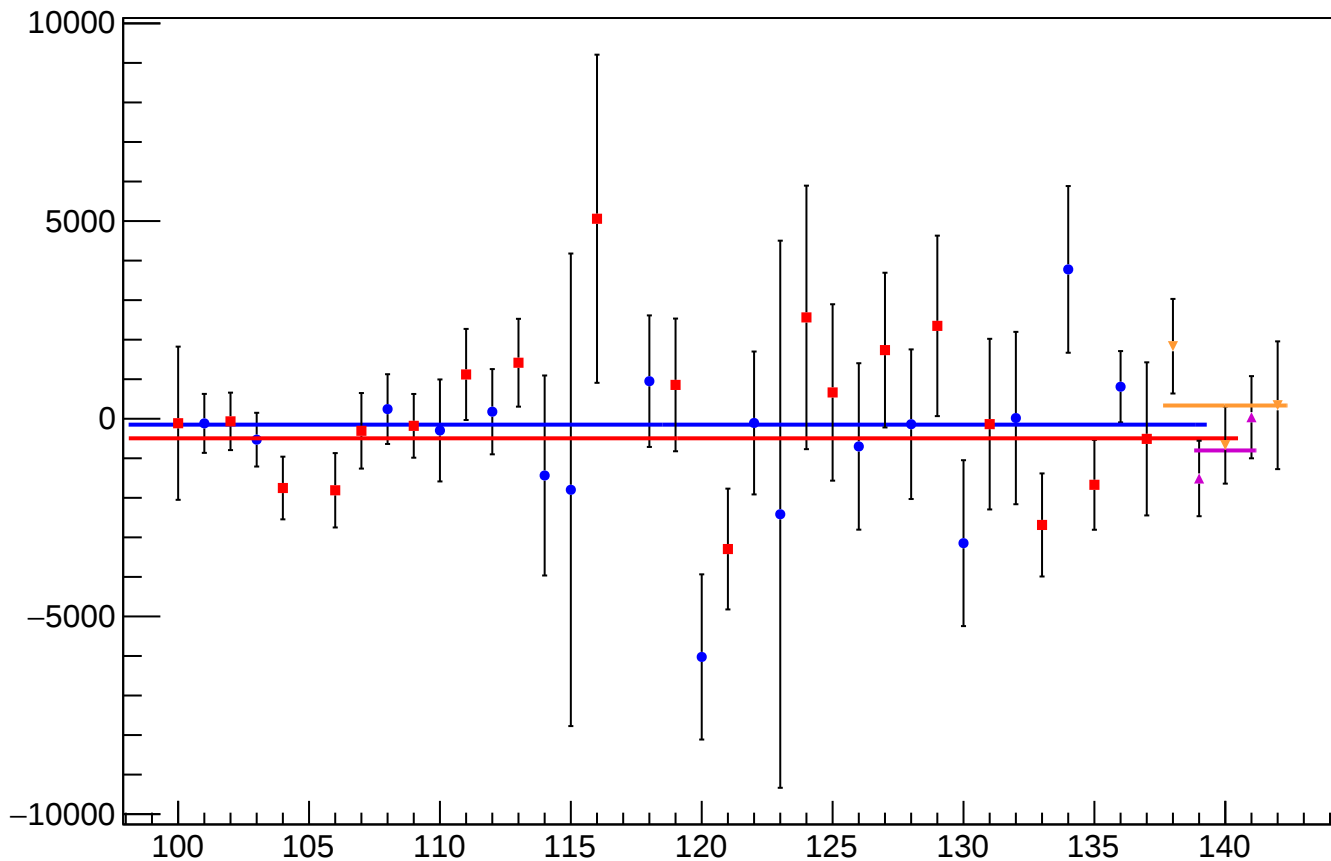
Right: 748.347+/-0.152 χ^2/NDF : 3274944.8/35

In: 803.382+/-0.208 χ^2/NDF : 1684265.7/18

Out: 759.397+/-0.189 χ^2/NDF : 1888828.5/21

All: 779.351+/-0.140 χ^2/NDF : 3597624.2/40

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 334.982 ± 684.791 $\chi^2/\text{NDF}: 2.6/2$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -801.757 ± 702.954 $\chi^2/\text{NDF}: 1.2/1$

Left: -218.512 ± 490.516 $\chi^2/\text{NDF}: 5.2/4$

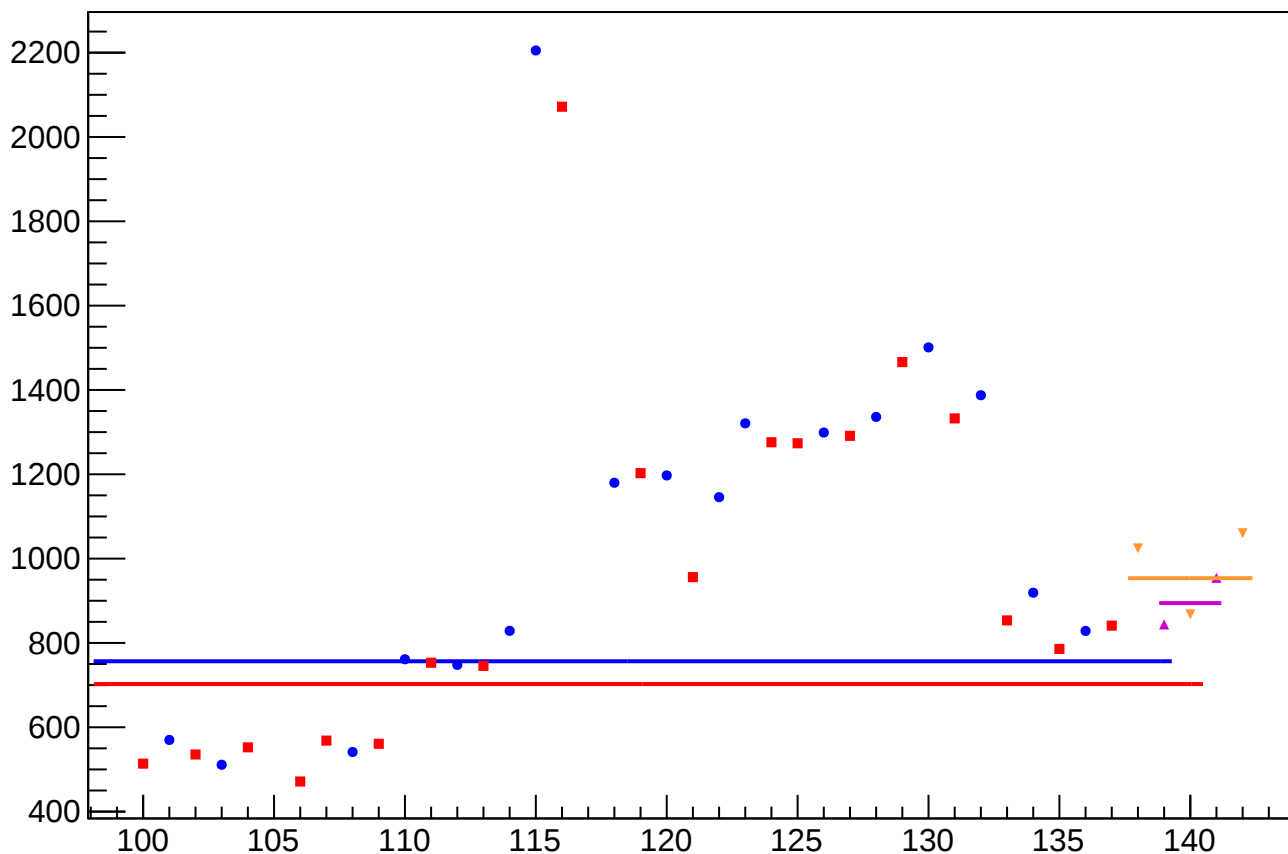
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -257.118 ± 285.908 $\chi^2/\text{NDF}: 18.0/18$

Out: -374.008 ± 261.325 $\chi^2/\text{NDF}: 27.5/21$

All: -320.803 ± 192.891 $\chi^2/\text{NDF}: 45.7/40$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 953.616+/-0.484 χ^2/NDF : 31138.0/2

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 894.528+/-0.497 χ^2/NDF : 12309.8/1

Left: 924.845+/-0.347 χ^2/NDF : 50698.3/4

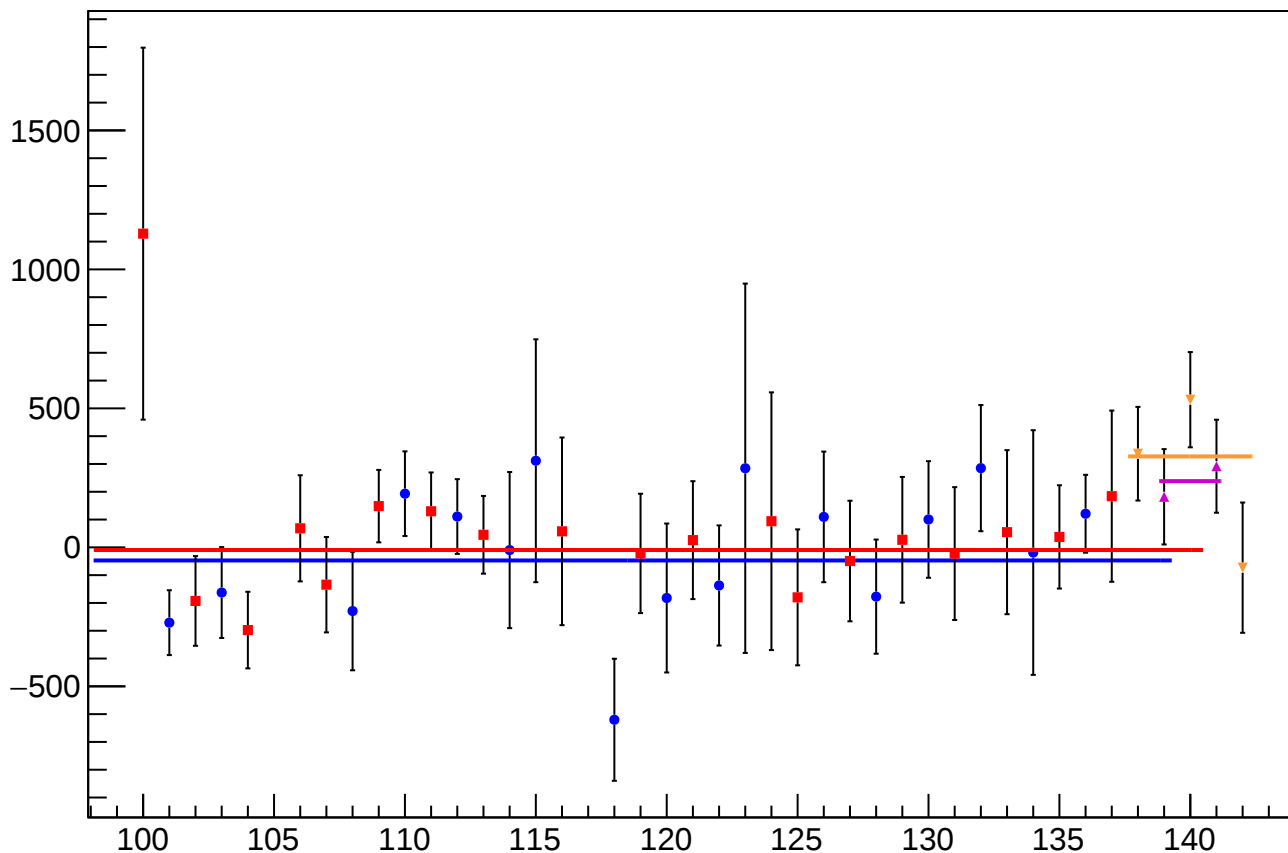
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 779.366+/-0.202 χ^2/NDF : 1790269.9/18

Out: 739.022+/-0.185 χ^2/NDF : 1950413.2/21

All: 757.385+/-0.136 χ^2/NDF : 3762379.7/40

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 327.277 ± 106.891 χ^2/NDF : 4.3/2

Right Out: -9.507 ± 44.749 χ^2/NDF : 13.0/18

Left In: 238.270 ± 119.766 χ^2/NDF : 0.2/1

Left: 287.814 ± 79.748 χ^2/NDF : 4.9/4

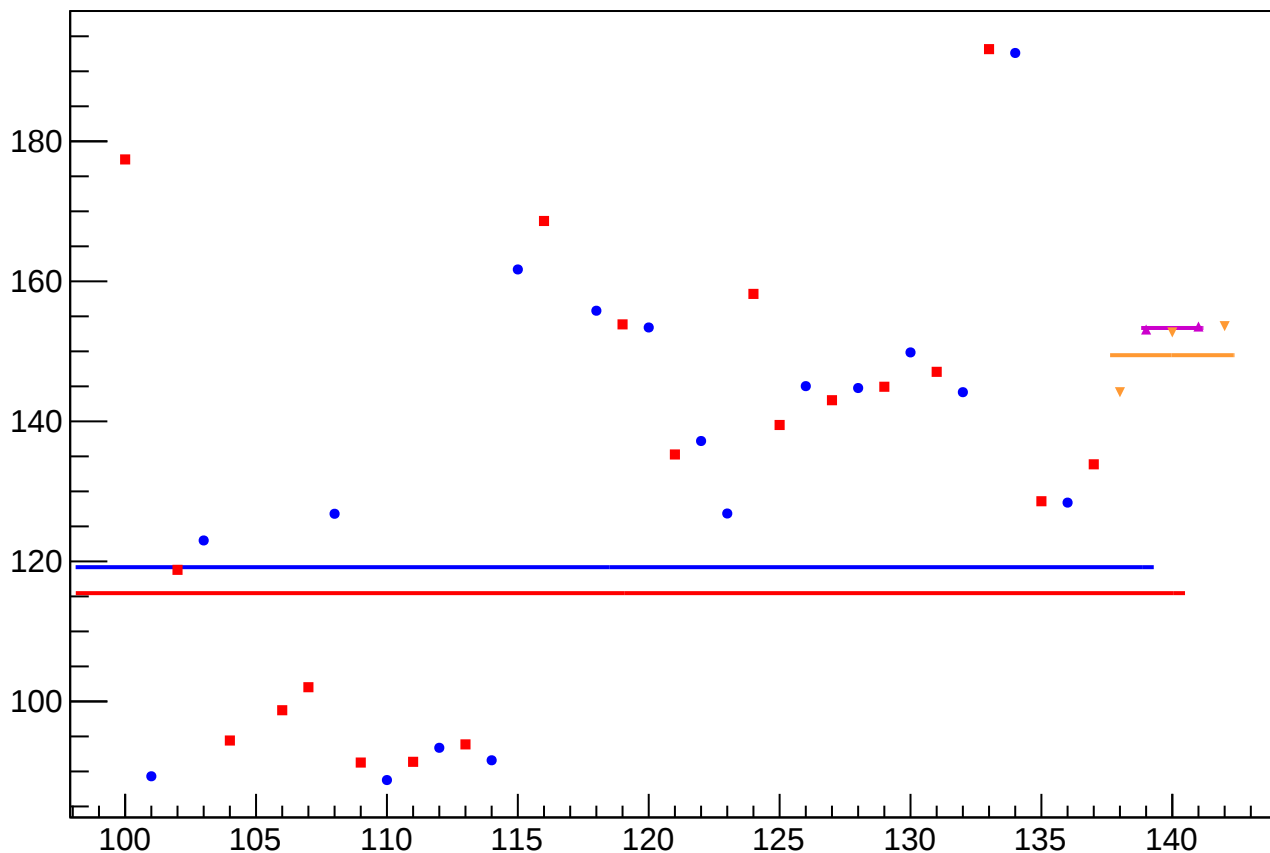
Right: -27.302 ± 32.497 χ^2/NDF : 35.3/35

In: -8.689 ± 43.968 χ^2/NDF : 27.0/18

Out: 40.716 ± 41.278 χ^2/NDF : 25.8/21

All: 17.571 ± 30.094 χ^2/NDF : 53.5/40

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 149.453 $\pm$ 0.076 χ^2 /NDF:3319.6/2

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 153.339 $\pm$ 0.085 χ^2 /NDF:6.3/1

Left: 151.176 $\pm$ 0.056 χ^2 /NDF: 4497.7/4

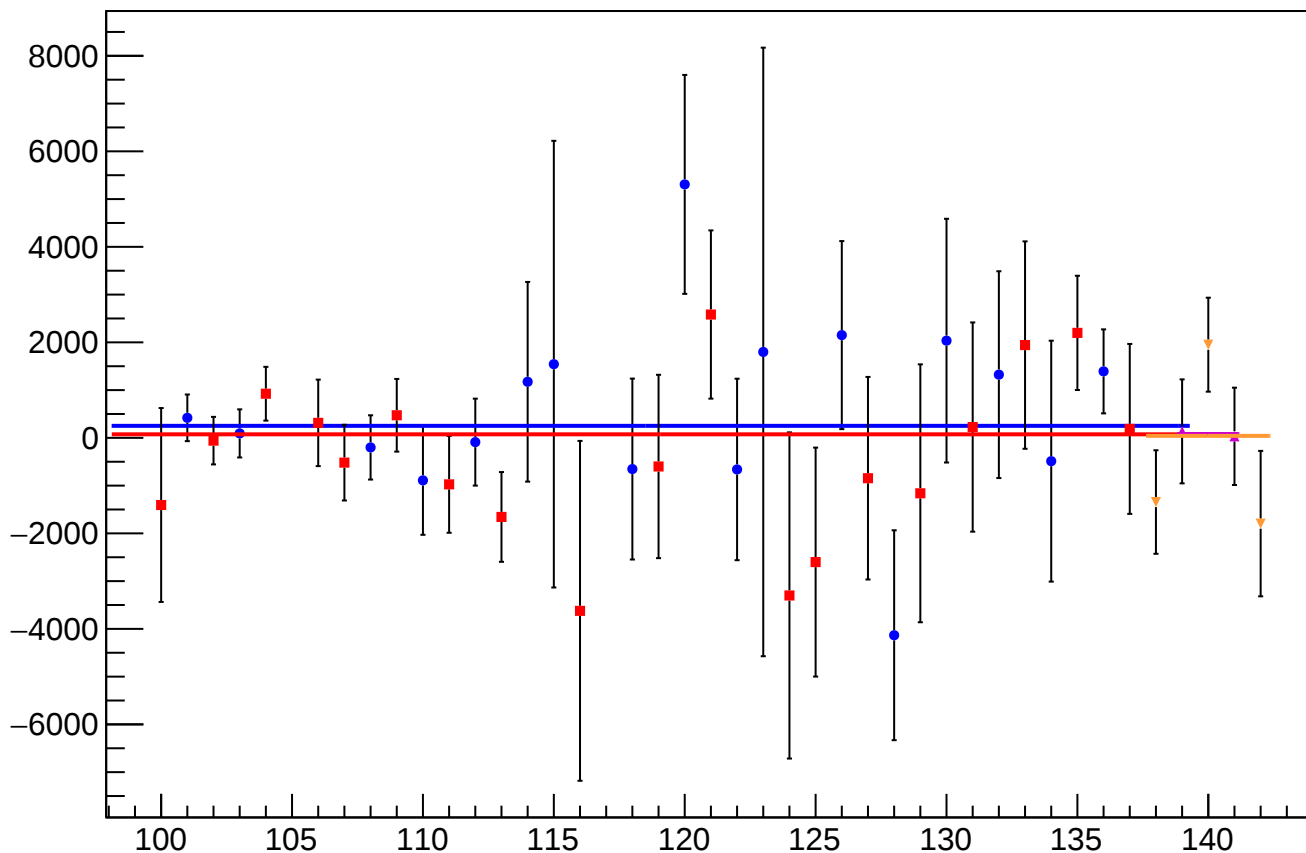
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 123.780 $\pm$ 0.031 χ^2 /NDF:756116.0/18

Out: 120.534 $\pm$ 0.029 χ^2 /NDF:868150.8/21

All: 122.055 $\pm$ 0.021 χ^2 /NDF: 1630058.3/40

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 41.763 $\pm$ 657.199 χ^2 /NDF:6.9/2

Right Out: 74.126 $\pm$ 243.967 χ^2 /NDF: 18.0/18

Left In: 80.473 $\pm$ 744.013 χ^2 /NDF:0.0/1

Left: 58.729 $\pm$ 492.557 χ^2 /NDF: 6.9/4

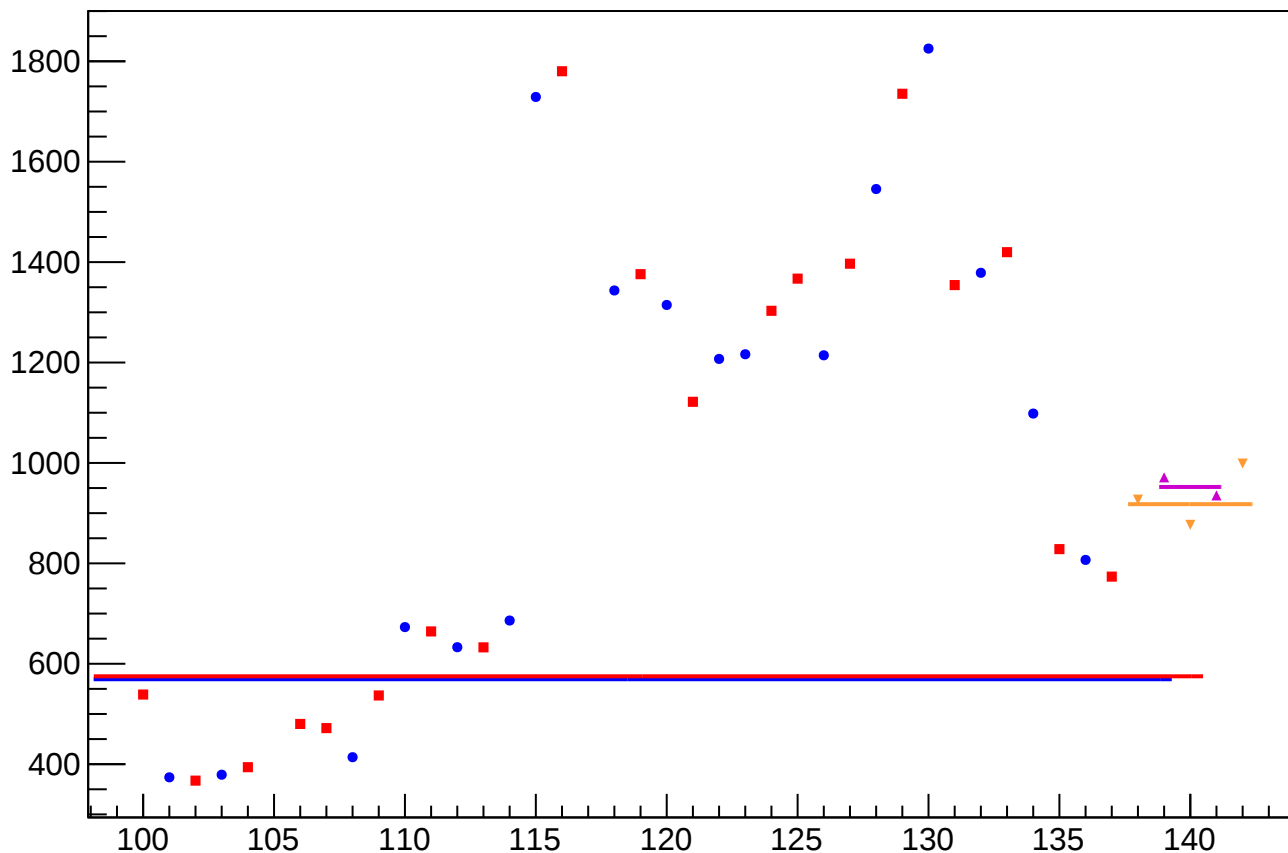
Right: 159.765 $\pm$ 175.557 χ^2 /NDF: 33.1/35

In: 234.005 $\pm$ 239.377 χ^2 /NDF:14.9/18

Out: 70.206 $\pm$ 228.716 χ^2 /NDF:24.9/21

All: 148.377 $\pm$ 165.367 χ^2 /NDF: 40.0/40

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200+/-0.179 χ^2/NDF : 3267047.1/16

Left Out: 917.882+/-0.465 χ^2/NDF : 9279.4/2

Right Out: 575.051+/-0.173 χ^2/NDF : 3058923.3/18

Left In: 952.166+/-0.526 χ^2/NDF : 1161.6/1

Left: 932.908+/-0.348 χ^2/NDF : 12826.5/4

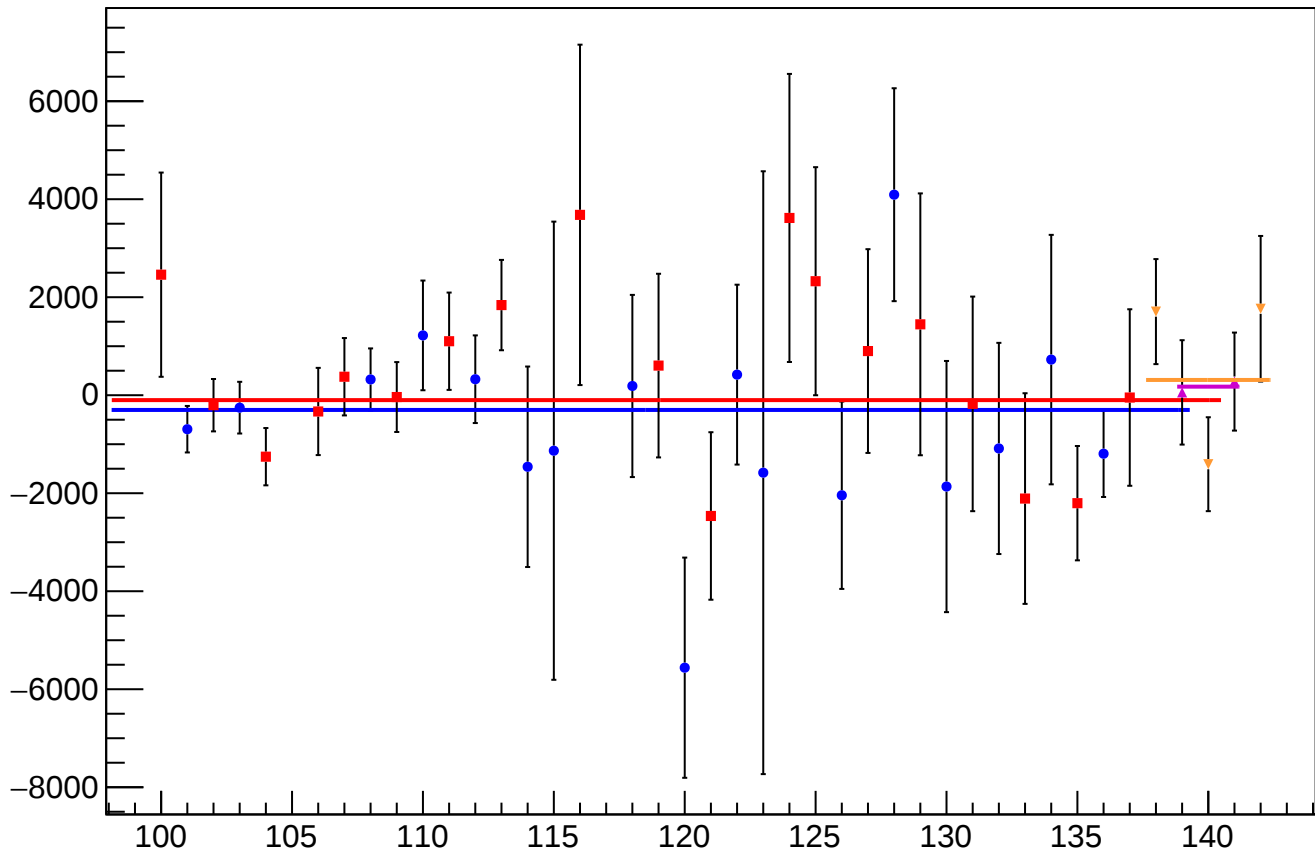
Right: 572.230+/-0.124 χ^2/NDF : 6326525.2/35

In: 608.842+/-0.169 χ^2/NDF : 3743253.4/18

Out: 616.574+/-0.162 χ^2/NDF : 3546531.9/21

All: 612.884+/-0.117 χ^2/NDF : 7290875.9/40

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: 311.412 ± 643.790 χ^2/NDF : 5.9/2

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 174.817 ± 729.123 χ^2/NDF : 0.0/1

Left: 251.572 ± 482.592 χ^2/NDF : 5.9/4

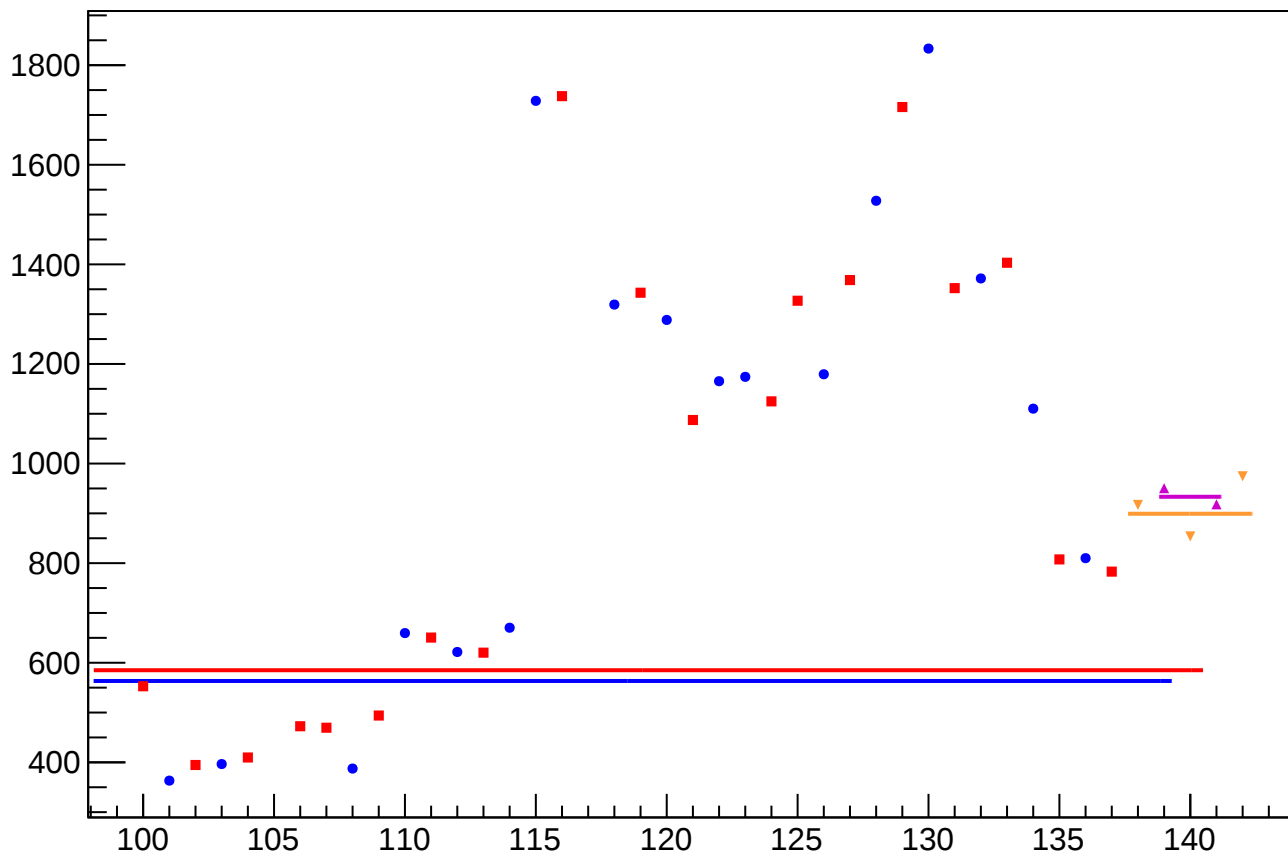
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -250.526 ± 236.741 χ^2/NDF : 17.1/18

Out: -47.551 ± 229.763 χ^2/NDF : 28.6/21

All: -146.003 ± 164.879 χ^2/NDF : 46.1/40

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 899.205+/-0.455 χ^2/NDF : 10179.1/2

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 933.320+/-0.516 χ^2/NDF : 981.5/1

Left: 914.150+/-0.341 χ^2/NDF : 13621.1/4

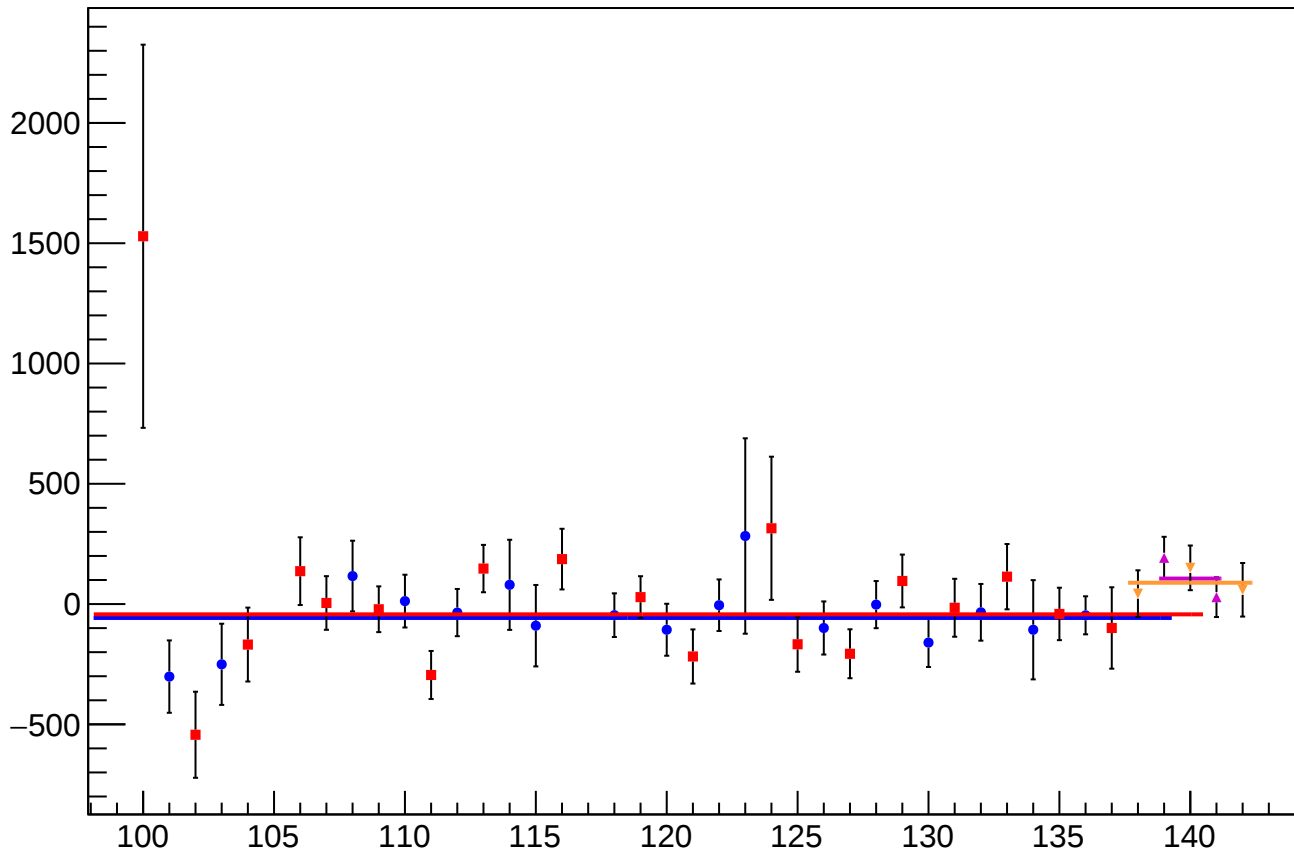
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 602.393+/-0.167 χ^2/NDF : 3720577.8/18

Out: 625.006+/-0.162 χ^2/NDF : 3244566.0/21

All: 614.038+/-0.117 χ^2/NDF : 6974540.7/40

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 88.665 $\pm$ 57.489 χ^2 /NDF:0.7/2

Right Out: -42.790 $\pm$ 27.694 χ^2 /NDF: 39.1/18

Left In: 105.994 $\pm$ 60.005 χ^2 /NDF:1.9/1

Left: 96.959 $\pm$ 41.512 χ^2 /NDF: 2.6/4

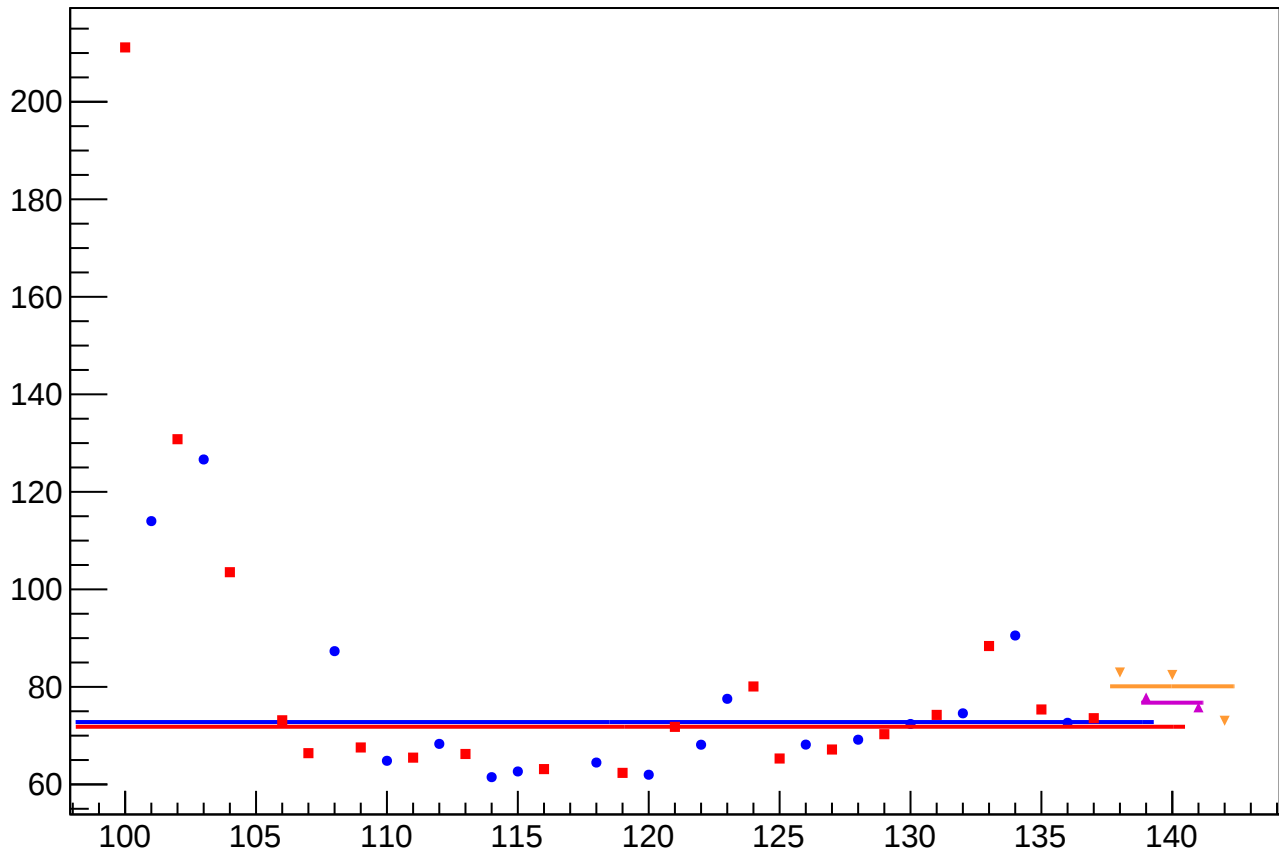
Right: -49.985 $\pm$ 19.927 χ^2 /NDF: 48.4/35

In: -27.243 $\pm$ 25.886 χ^2 /NDF:17.0/18

Out: -18.030 $\pm$ 24.950 χ^2 /NDF:44.1/21

All: -22.467 $\pm$ 17.964 χ^2 /NDF: 61.2/40

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 80.117 $\pm$ 0.041 χ^2 /NDF:11010.9/2

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 76.761 $\pm$ 0.042 χ^2 /NDF:559.5/1

Left: 78.511 $\pm$ 0.029 χ^2 /NDF: 14833.4/4

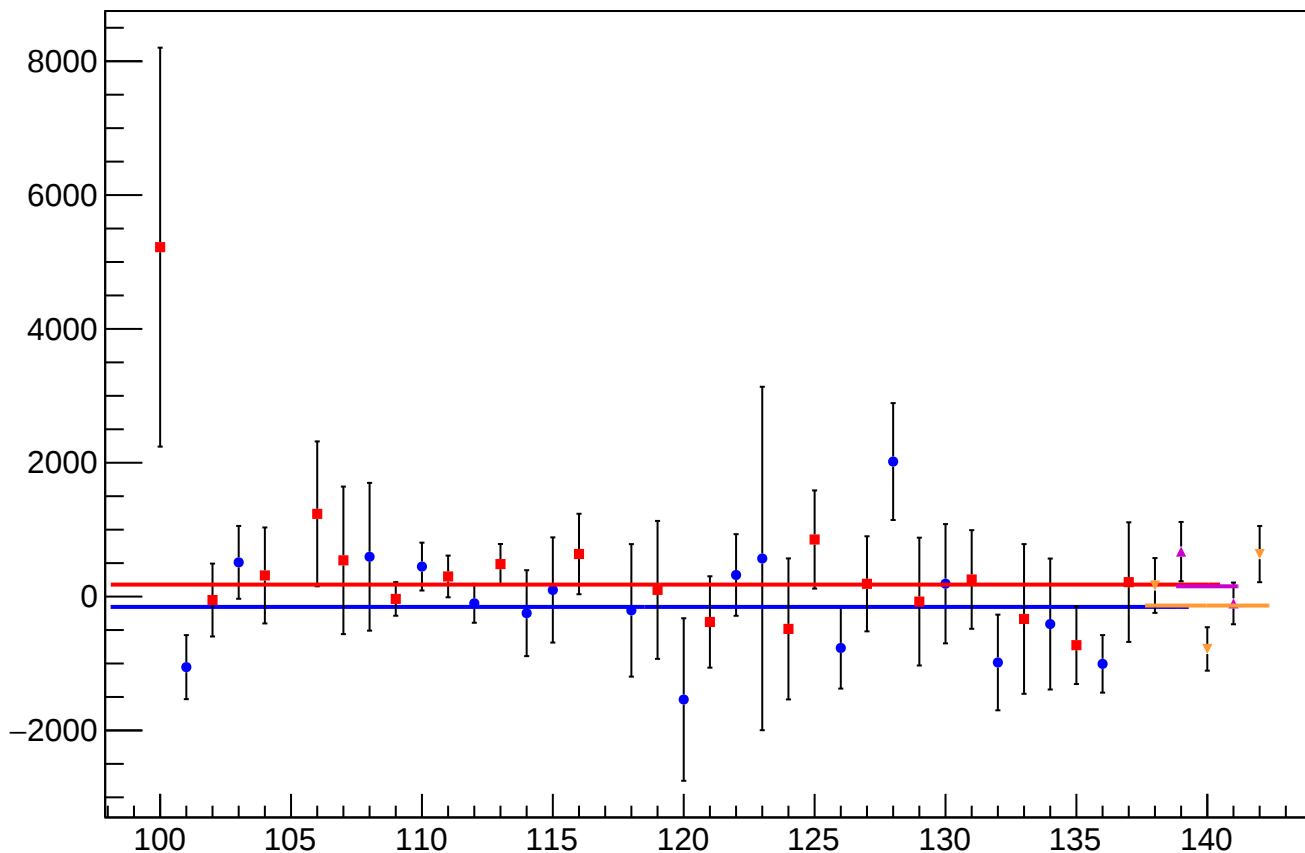
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 73.529 $\pm$ 0.018 χ^2 /NDF:472460.6/18

Out: 73.386 $\pm$ 0.018 χ^2 /NDF:510446.0/21

All: 73.455 $\pm$ 0.013 χ^2 /NDF: 982938.2/40

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -134.078+/-217.532 χ^2/NDF : 7.9/2

Right Out: 179.068+/-126.107 χ^2/NDF : 11.3/18

Left In: 153.753+/-254.939 χ^2/NDF : 2.0/1

Left: -12.809+/-165.479 χ^2/NDF : 10.7/4

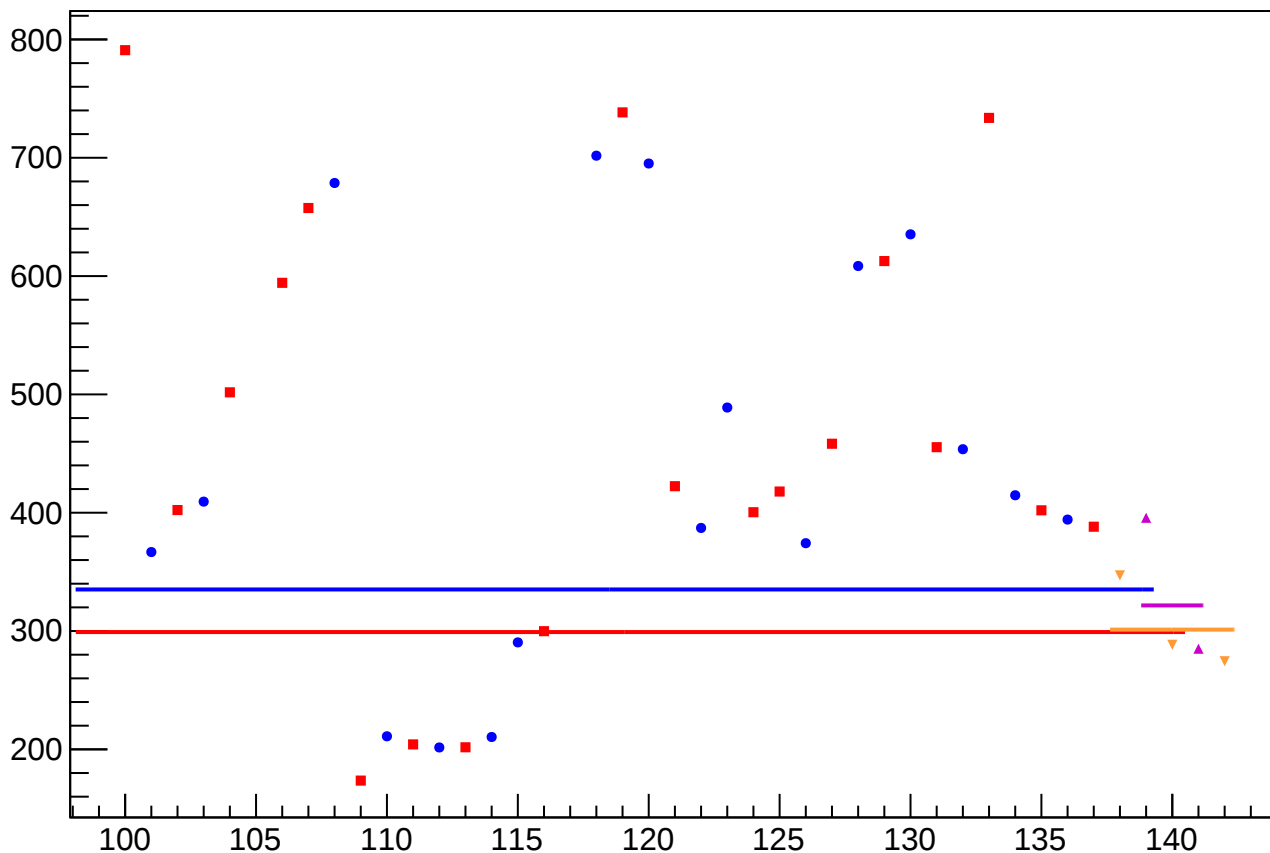
Right: 30.517+/-93.908 χ^2/NDF : 37.6/35

In: -82.457+/-123.185 χ^2/NDF : 26.3/18

Out: 100.299+/-109.100 χ^2/NDF : 20.7/21

All: 19.963+/-81.673 χ^2/NDF : 48.3/40

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 301.184+/-0.154 χ^2/NDF : 36303.8/2

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 321.655+/-0.180 χ^2/NDF : 83394.2/1

Left: 309.808+/-0.117 χ^2/NDF : 127160.5/4

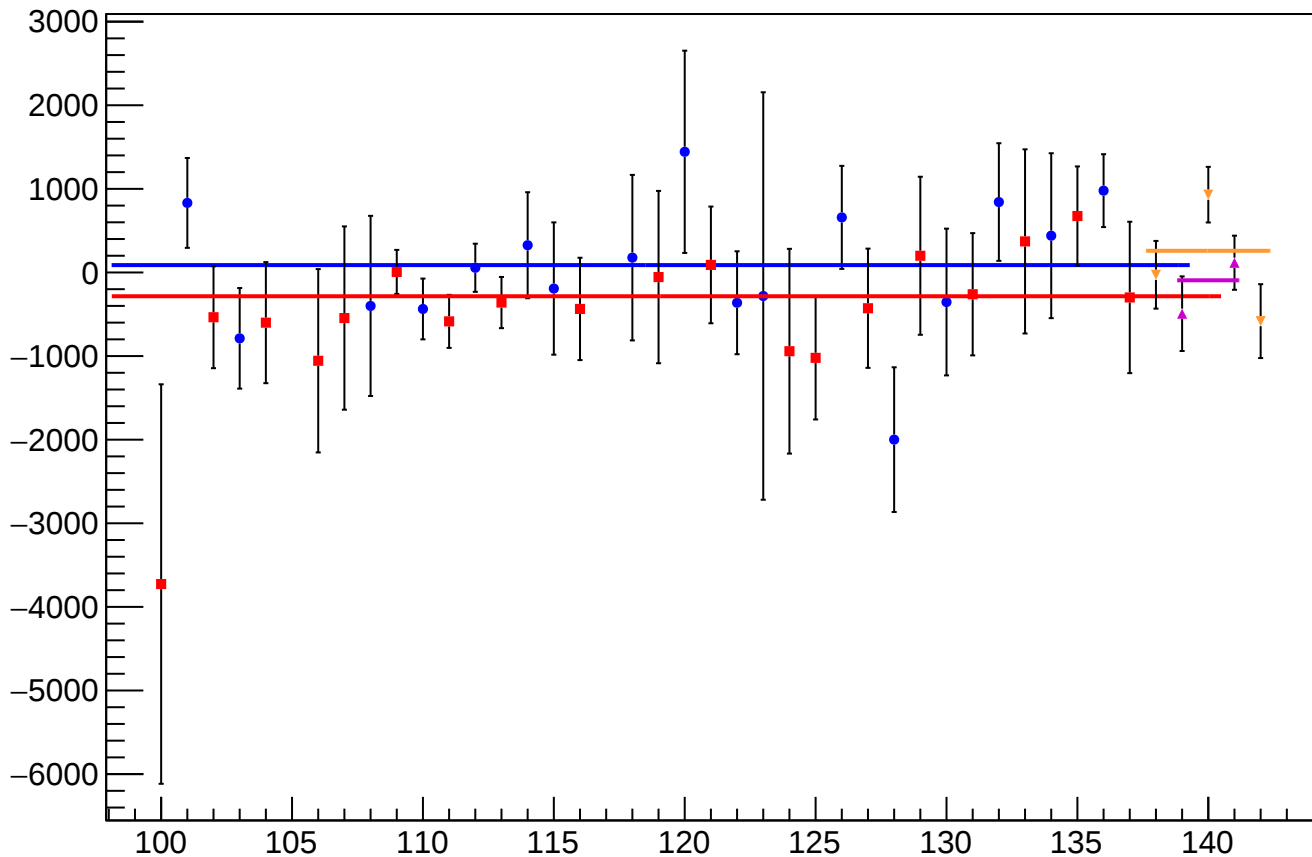
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 331.987+/-0.087 χ^2/NDF : 2081725.1/18

Out: 299.650+/-0.077 χ^2/NDF : 2867526.3/21

All: 313.865+/-0.058 χ^2/NDF : 5026486.7/40

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 $\chi^2/\text{NDF}: 20.8/16$

Left Out: 259.334 ± 222.222 $\chi^2/\text{NDF}: 8.2/2$

Right Out: -284.510 ± 129.675 $\chi^2/\text{NDF}: 10.1/18$

Left In: -93.613 ± 262.030 $\chi^2/\text{NDF}: 1.2/1$

Left: 111.679 ± 169.480 $\chi^2/\text{NDF}: 10.5/4$

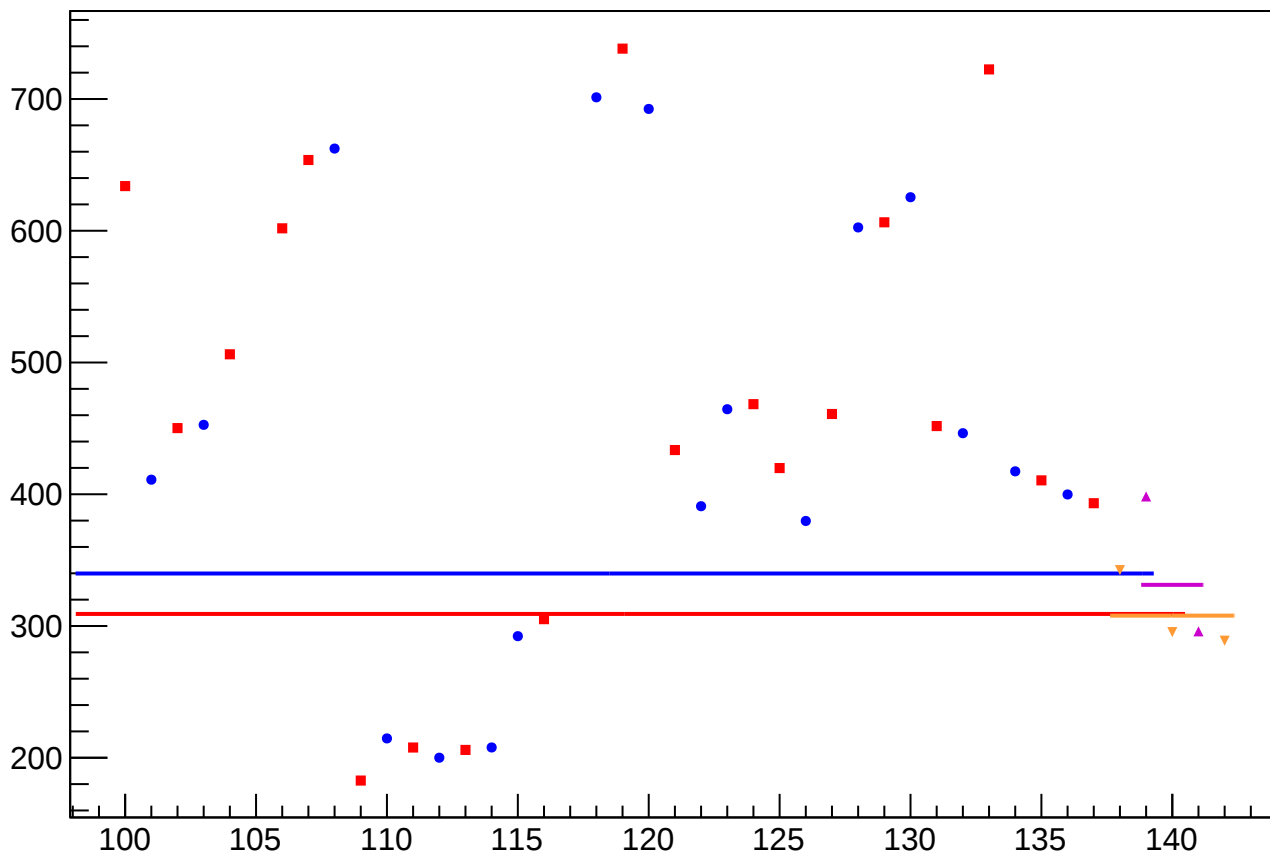
Right: -116.387 ± 96.066 $\chi^2/\text{NDF}: 34.7/35$

In: 46.404 ± 125.536 $\chi^2/\text{NDF}: 22.4/18$

Out: -146.364 ± 112.000 $\chi^2/\text{NDF}: 22.8/21$

All: -60.929 ± 83.574 $\chi^2/\text{NDF}: 46.5/40$

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 +/- 0.101 χ^2/NDF : 2043522.4/16

Left Out: 307.883 +/- 0.157 χ^2/NDF : 21075.7/2

Right Out: 309.158 +/- 0.092 χ^2/NDF : 2735887.4/18

Left In: 331.240 +/- 0.185 χ^2/NDF : 68957.3/1

Left: 317.654 +/- 0.120 χ^2/NDF : 99275.9/4

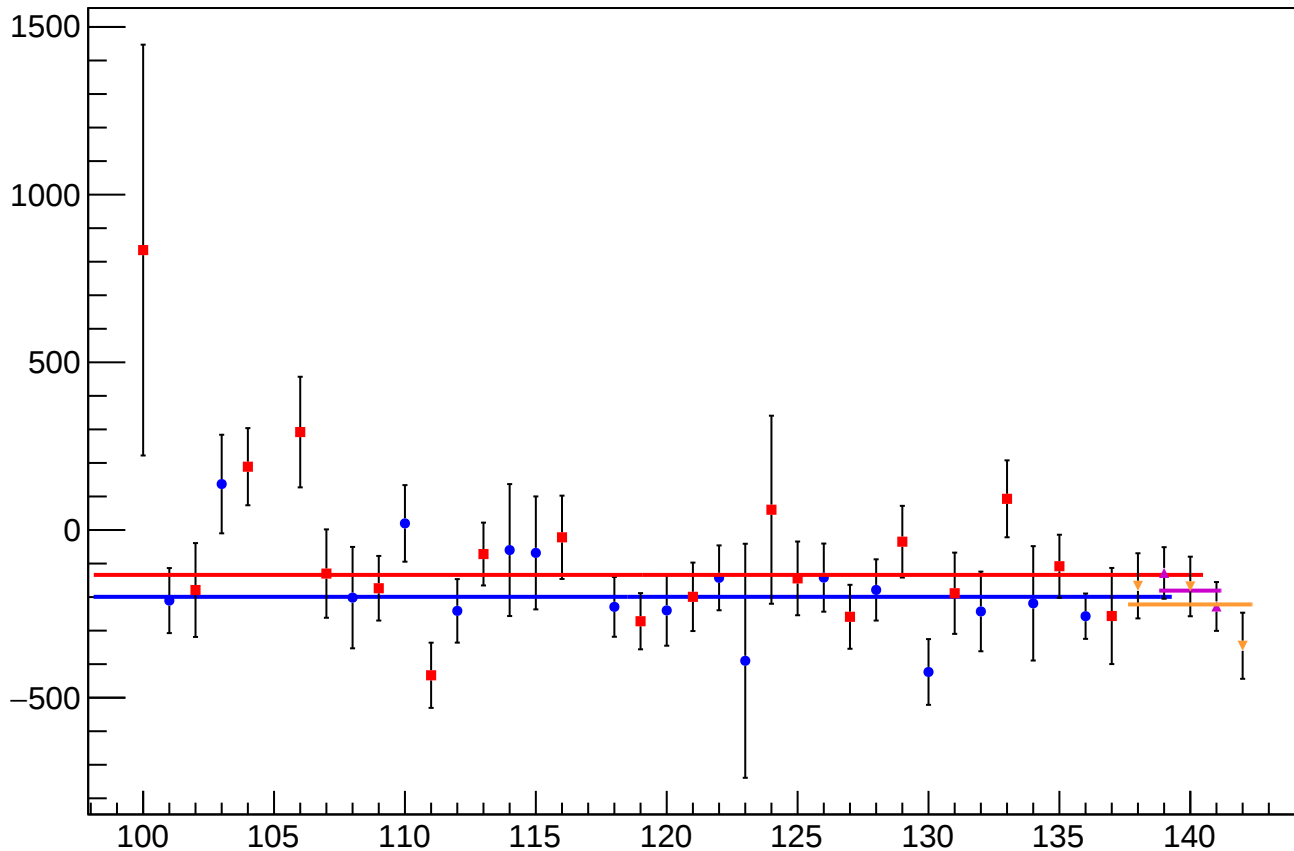
Right: 323.006 +/- 0.068 χ^2/NDF : 4829958.1/35

In: 337.873 +/- 0.089 χ^2/NDF : 2114143.5/18

Out: 308.834 +/- 0.079 χ^2/NDF : 2757012.2/21

All: 321.705 +/- 0.059 χ^2/NDF : 4930743.3/40

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -221.925 $\pm$ 54.573 χ^2/NDF : 2.3/2

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -180.727 $\pm$ 52.861 χ^2/NDF : 0.9/1

Left: -200.670 $\pm$ 37.969 χ^2/NDF : 3.4/4

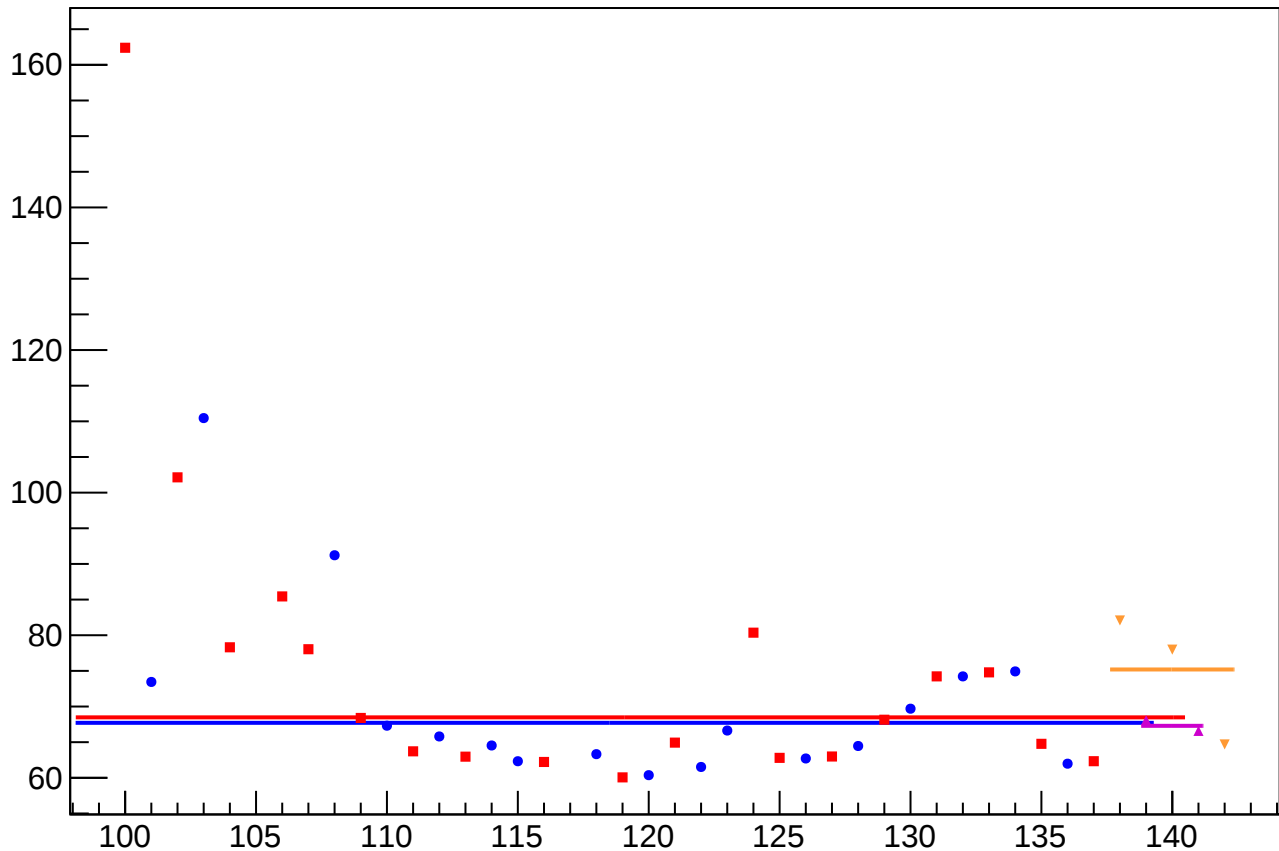
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -195.528 $\pm$ 23.701 χ^2/NDF : 18.6/18

Out: -150.371 $\pm$ 23.640 χ^2/NDF : 43.5/21

All: -172.892 $\pm$ 16.737 χ^2/NDF : 63.9/40

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 75.197 $\pm$ 0.039 χ^2 /NDF: 34732.5/2

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 67.294 $\pm$ 0.037 χ^2 /NDF: 403.1/1

Left: 71.119 $\pm$ 0.027 χ^2 /NDF: 56774.3/4

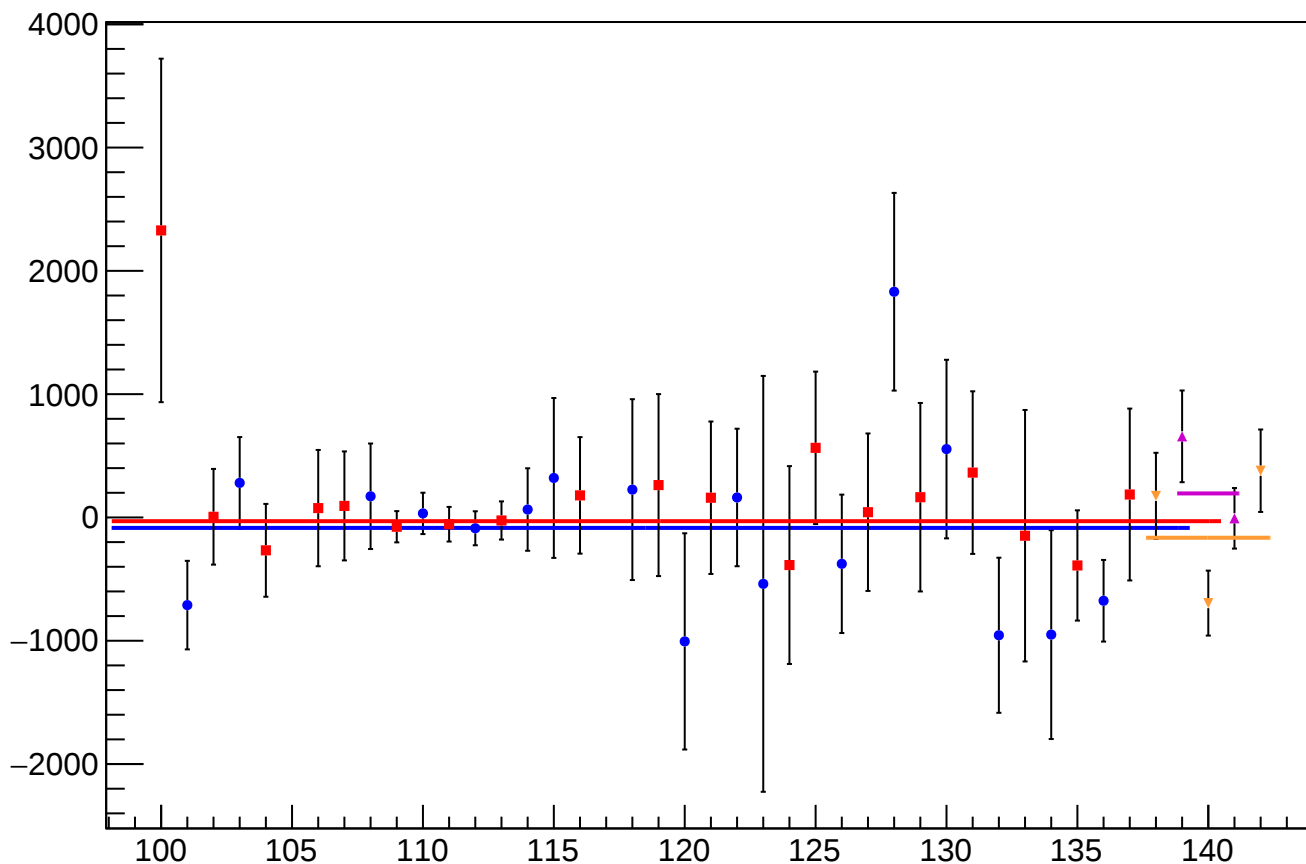
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 67.631 $\pm$ 0.017 χ^2 /NDF: 283397.2/18

Out: 69.741 $\pm$ 0.017 χ^2 /NDF: 340759.8/21

All: 68.689 $\pm$ 0.012 χ^2 /NDF: 632106.8/40

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759+/-82.667 χ^2/NDF : 19.9/16

Left Out: -164.433+/-178.045 χ^2/NDF : 7.6/2

Right Out: -30.219+/-69.663 χ^2/NDF : 6.3/18

Left In: 194.854+/-204.915 χ^2/NDF : 2.2/1

Left: -9.875+/-134.400 χ^2/NDF : 11.6/4

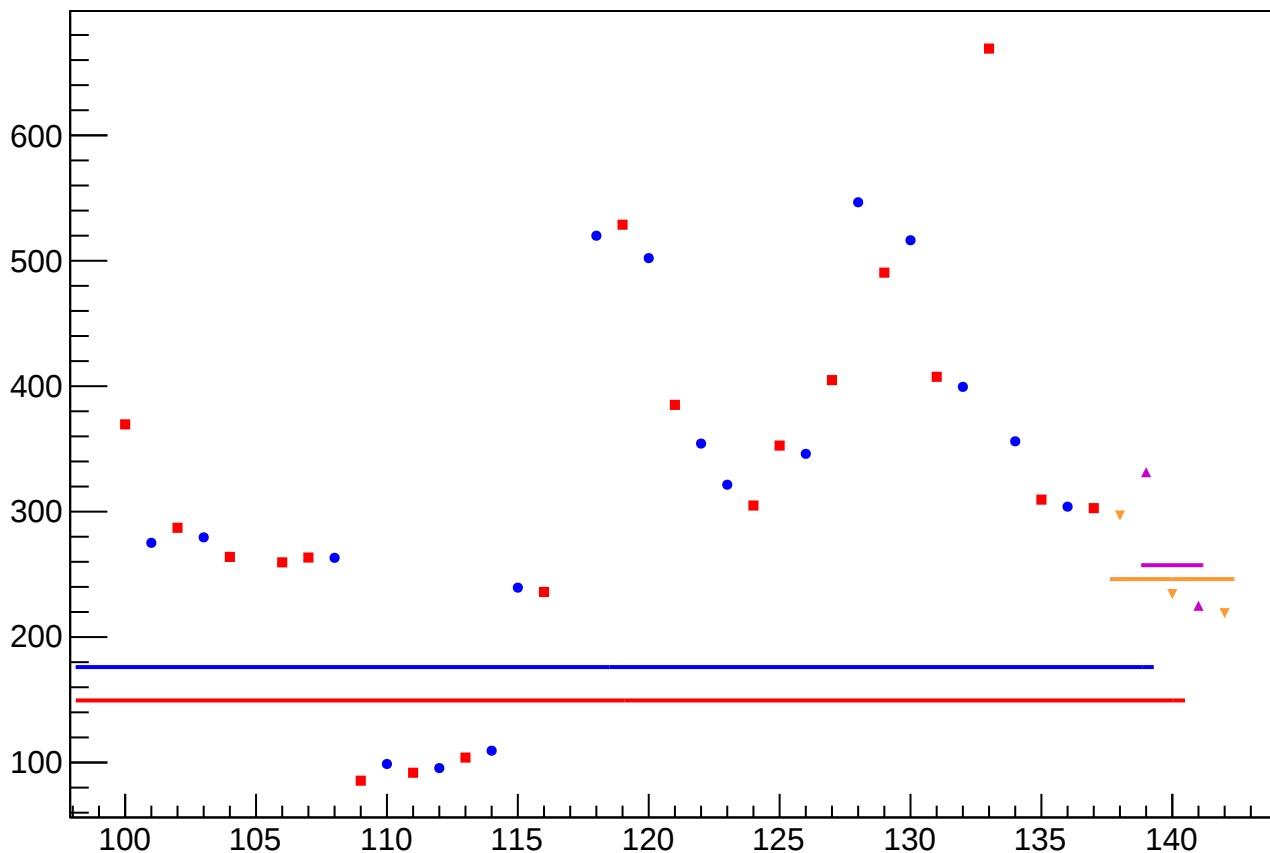
Right: -52.867+/-53.271 χ^2/NDF : 26.5/35

In: -45.621+/-76.664 χ^2/NDF : 23.7/18

Out: -48.038+/-64.874 χ^2/NDF : 14.4/21

All: -47.030+/-49.522 χ^2/NDF : 38.2/40

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 246.243 $\pm$ 0.126 χ^2 /NDF: 59363.7/2

Right Out: 149.484 $\pm$ 0.049 χ^2 /NDF: 4820971.0/18

Left In: 257.310 $\pm$ 0.145 χ^2 /NDF: 114226.8/1

Left: 251.004 $\pm$ 0.095 χ^2 /NDF: 176915.1/4

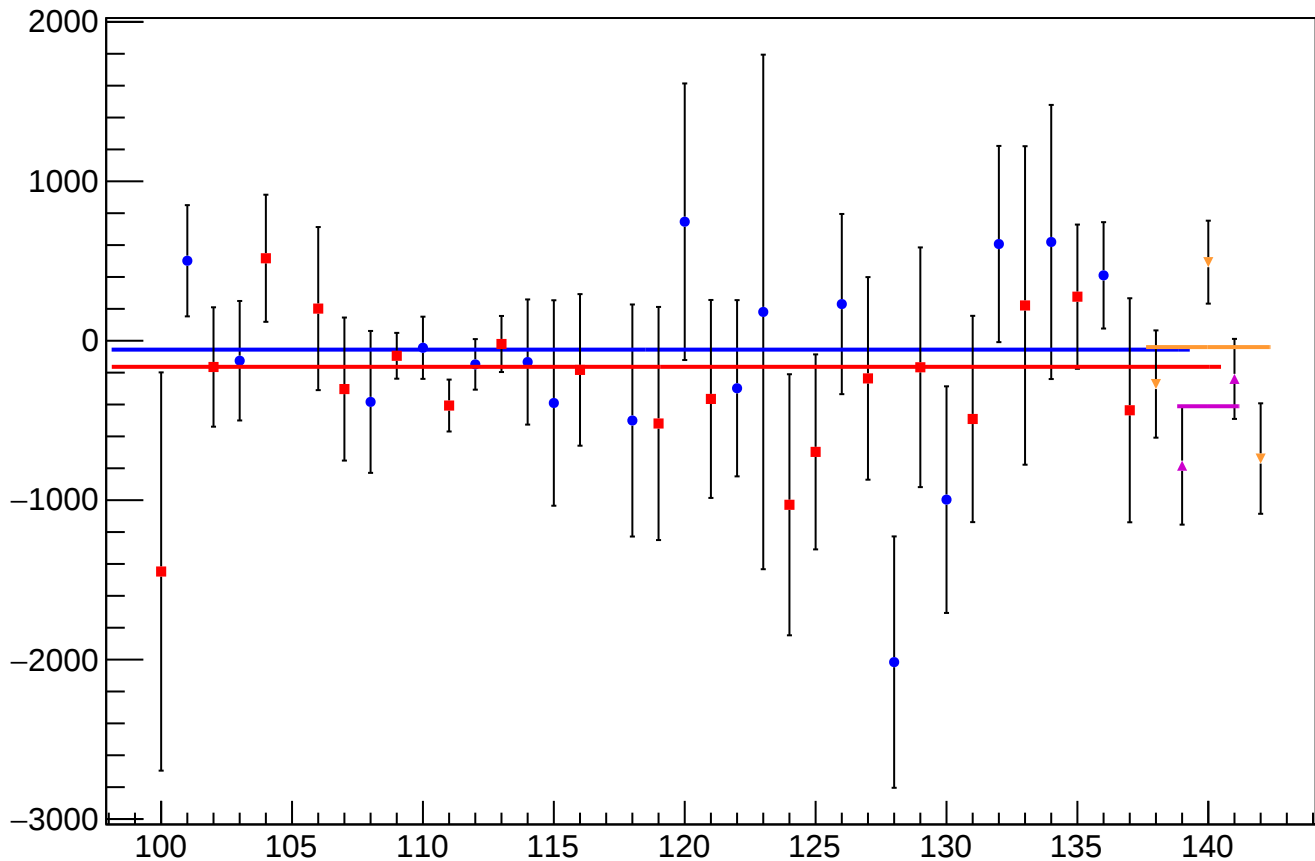
Right: 160.534 $\pm$ 0.038 χ^2 /NDF: 9165825.3/35

In: 187.464 $\pm$ 0.054 χ^2 /NDF: 4608062.2/18

Out: 162.330 $\pm$ 0.046 χ^2 /NDF: 5392595.2/21

All: 172.818 $\pm$ 0.035 χ^2 /NDF: 10125925.8/40

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 $\pm$ 90.572 χ^2 /NDF: 17.1/16

Left Out: -39.764 $\pm$ 176.944 χ^2 /NDF:8.7/2

Right Out: -163.564 $\pm$ 76.926 χ^2 /NDF: 11.4/18

Left In: -410.863 $\pm$ 207.685 χ^2 /NDF:1.5/1

Left: -195.843 $\pm$ 134.689 χ^2 /NDF: 12.1/4

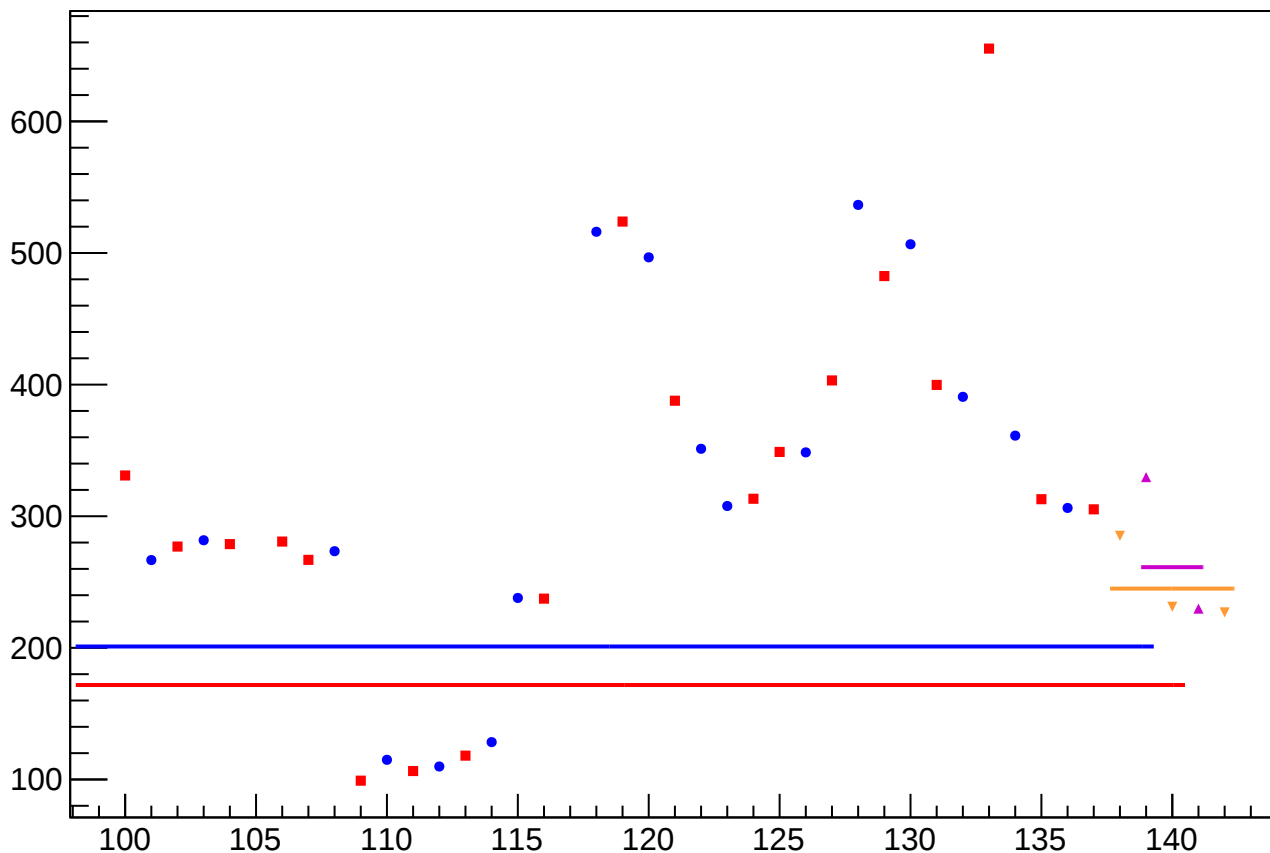
Right: -118.372 $\pm$ 58.632 χ^2 /NDF: 29.4/35

In: -112.473 $\pm$ 83.021 χ^2 /NDF:21.1/18

Out: -143.885 $\pm$ 70.547 χ^2 /NDF:20.6/21

All: -130.714 $\pm$ 53.759 χ^2 /NDF: 41.8/40

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 245.029+/-0.125 χ^2/NDF :39472.7/2

Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 261.311+/-0.147 χ^2/NDF :99922.4/1

Left: 251.877+/-0.095 χ^2/NDF : 146517.3/4

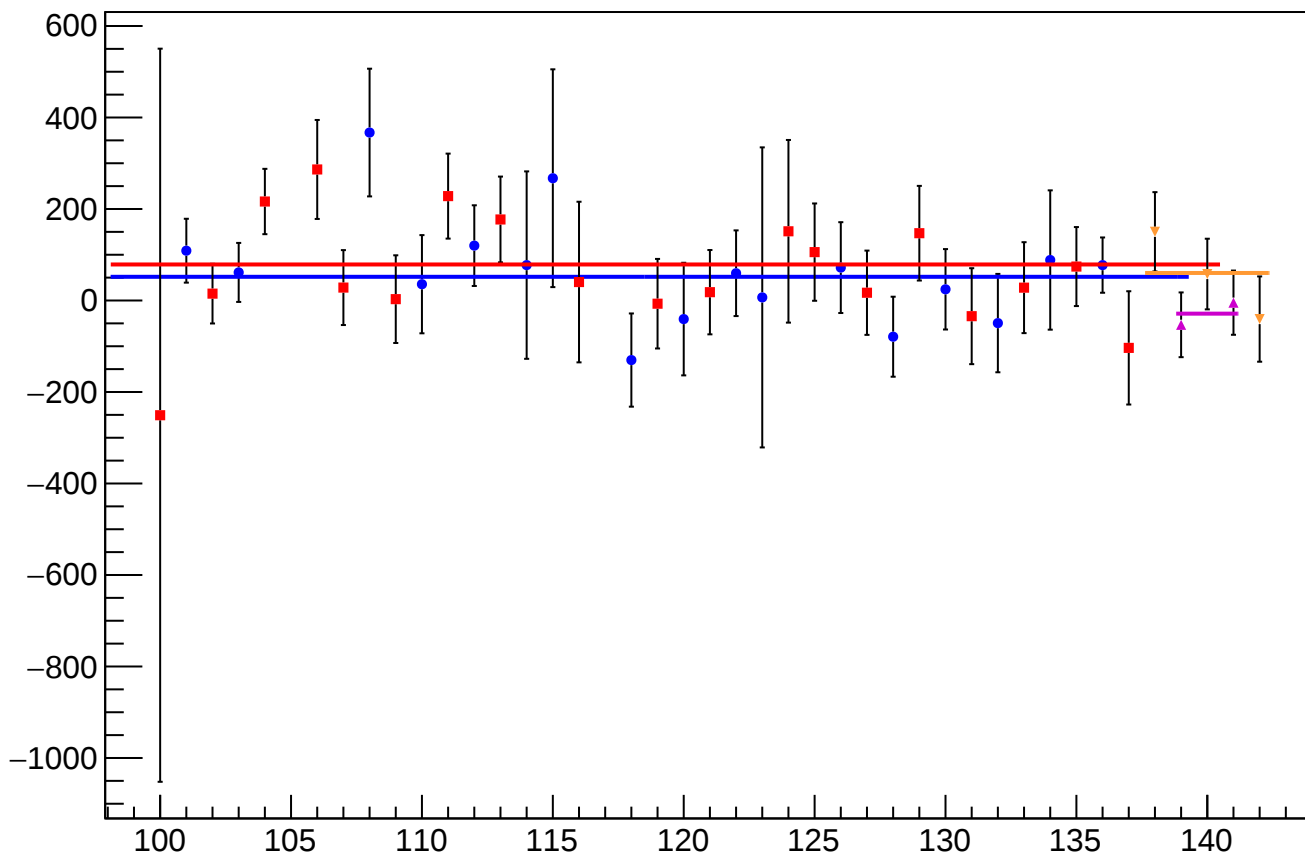
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 210.668+/-0.059 χ^2/NDF :3674486.6/18

Out: 183.411+/-0.050 χ^2/NDF :4426063.6/21

All: 194.840+/-0.038 χ^2/NDF : 8225734.4/40

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: 60.191 $\pm$ 49.024 χ^2 /NDF: 2.3/2

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: -28.748 $\pm$ 49.831 χ^2 /NDF: 0.2/1

Left: 16.447 $\pm$ 34.947 χ^2 /NDF: 4.1/4

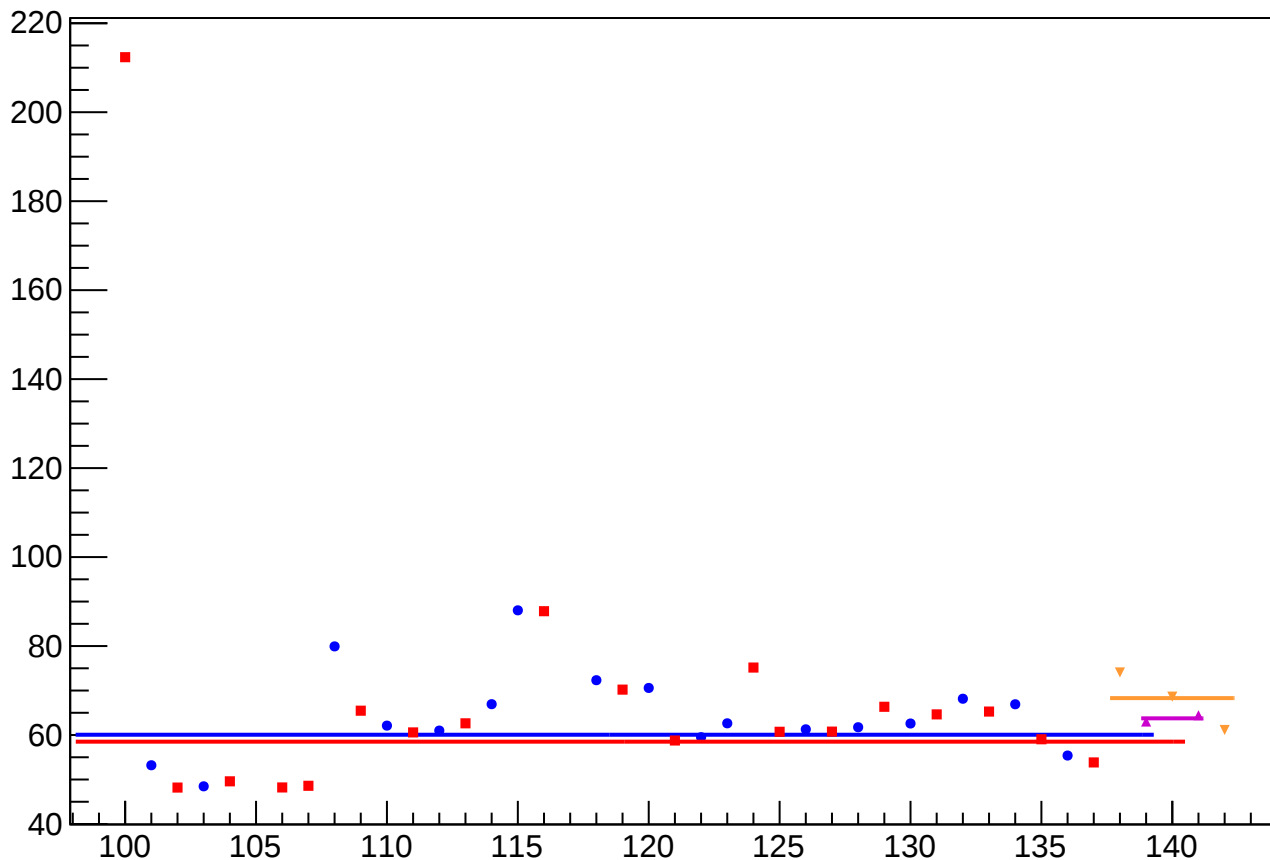
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 37.106 $\pm$ 21.283 χ^2 /NDF: 16.9/18

Out: 75.522 $\pm$ 20.442 χ^2 /NDF: 21.5/21

All: 57.088 $\pm$ 14.743 χ^2 /NDF: 40.1/40

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065+/-0.017 χ^2/NDF : 229098.7/16

Left Out: 68.297+/-0.035 χ^2/NDF : 20711.8/2

Right Out: 58.508+/-0.016 χ^2/NDF : 348822.3/18

Left In: 63.750+/-0.035 χ^2/NDF : 404.2/1

Left: 66.061+/-0.025 χ^2/NDF : 29578.2/4

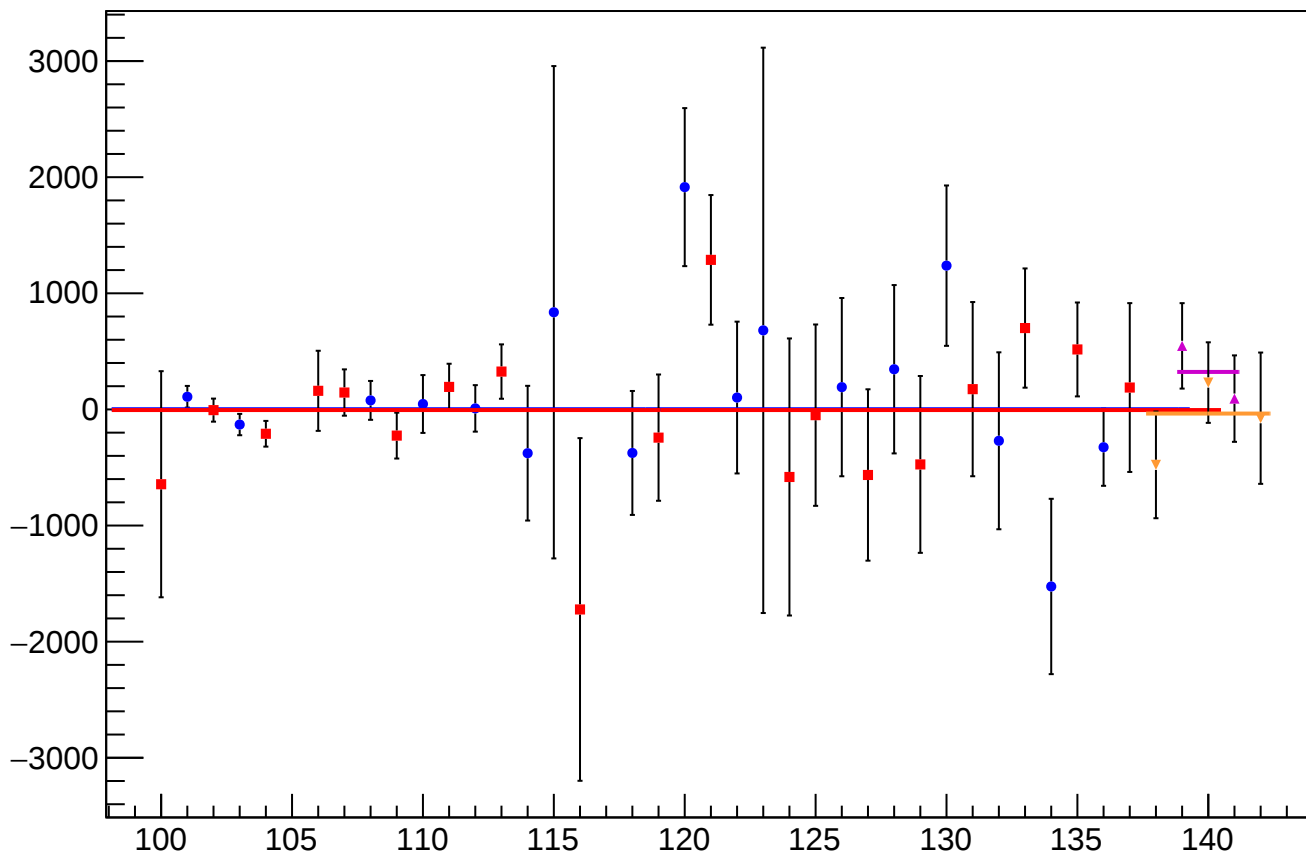
Right: 59.251+/-0.011 χ^2/NDF : 582496.2/35

In: 60.737+/-0.015 χ^2/NDF : 238443.3/18

Out: 60.210+/-0.014 χ^2/NDF : 435407.8/21

All: 60.463+/-0.010 χ^2/NDF : 674489.5/40

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -35.641 ± 248.650 χ^2/NDF : 1.5/2

Right Out: -5.402 ± 56.516 χ^2/NDF : 20.7/18

Left In: 322.882 ± 261.690 χ^2/NDF : 0.8/1

Left: 134.466 ± 180.256 χ^2/NDF : 3.3/4

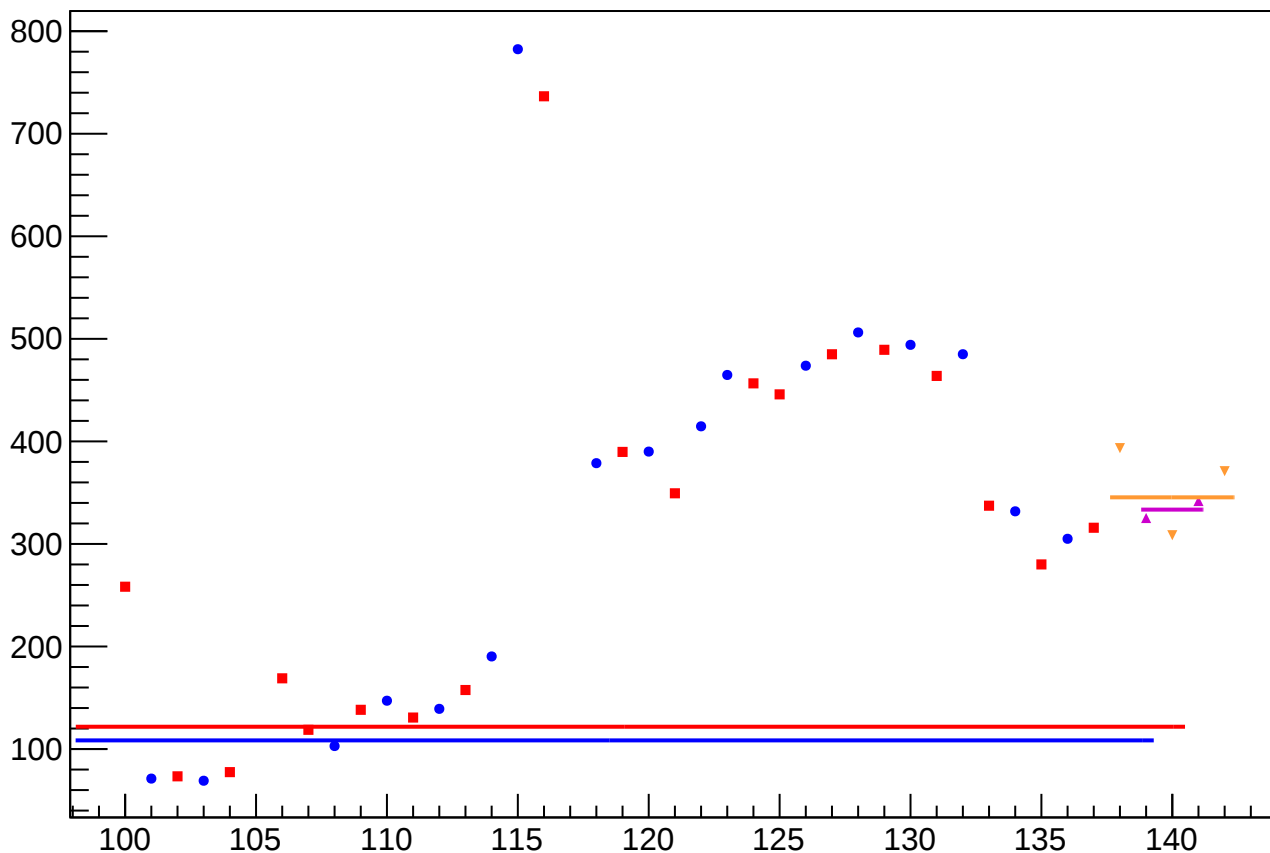
Right: -1.770 ± 39.150 χ^2/NDF : 42.1/35

In: 14.836 ± 53.153 χ^2/NDF : 23.6/18

Out: -6.887 ± 55.110 χ^2/NDF : 22.2/21

All: 4.367 ± 38.258 χ^2/NDF : 45.9/40

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 345.449+/-0.176 χ^2/NDF : 48549.6/2

Right Out: 121.765+/-0.040 χ^2/NDF : 4771024.2/18

Left In: 333.478+/-0.185 χ^2/NDF : 2003.8/1

Left: 339.769+/-0.127 χ^2/NDF : 52753.0/4

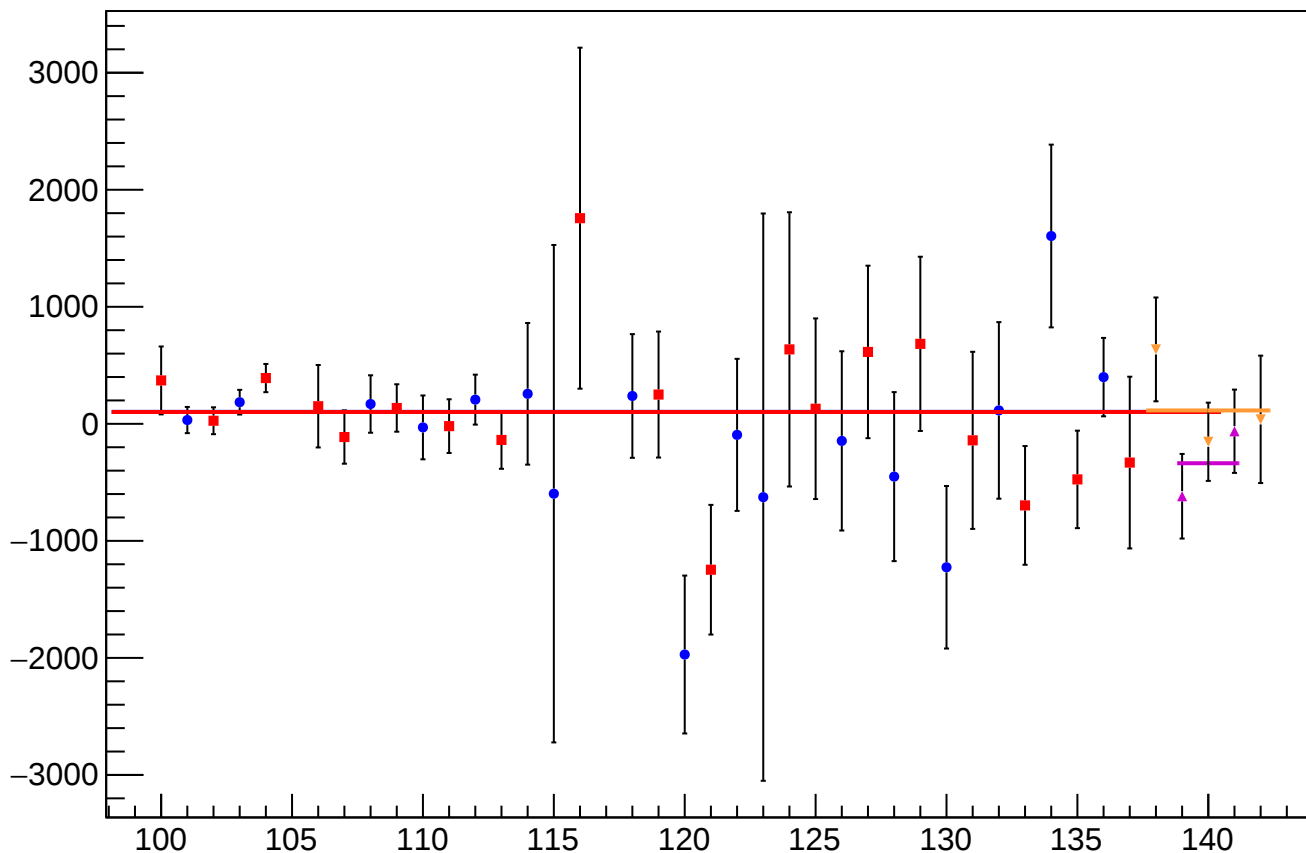
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 117.729+/-0.038 χ^2/NDF : 6824031.4/18

Out: 132.753+/-0.039 χ^2/NDF : 6358613.5/21

All: 124.969+/-0.027 χ^2/NDF : 13259655.0/40

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 114.318+/-239.662 χ^2/NDF : 2.0/2

Right Out: 101.249+/-60.846 χ^2/NDF : 22.6/18

Left In: -336.616+/-253.616 χ^2/NDF : 1.2/1

Left: -98.403+/-174.191 χ^2/NDF : 4.9/4

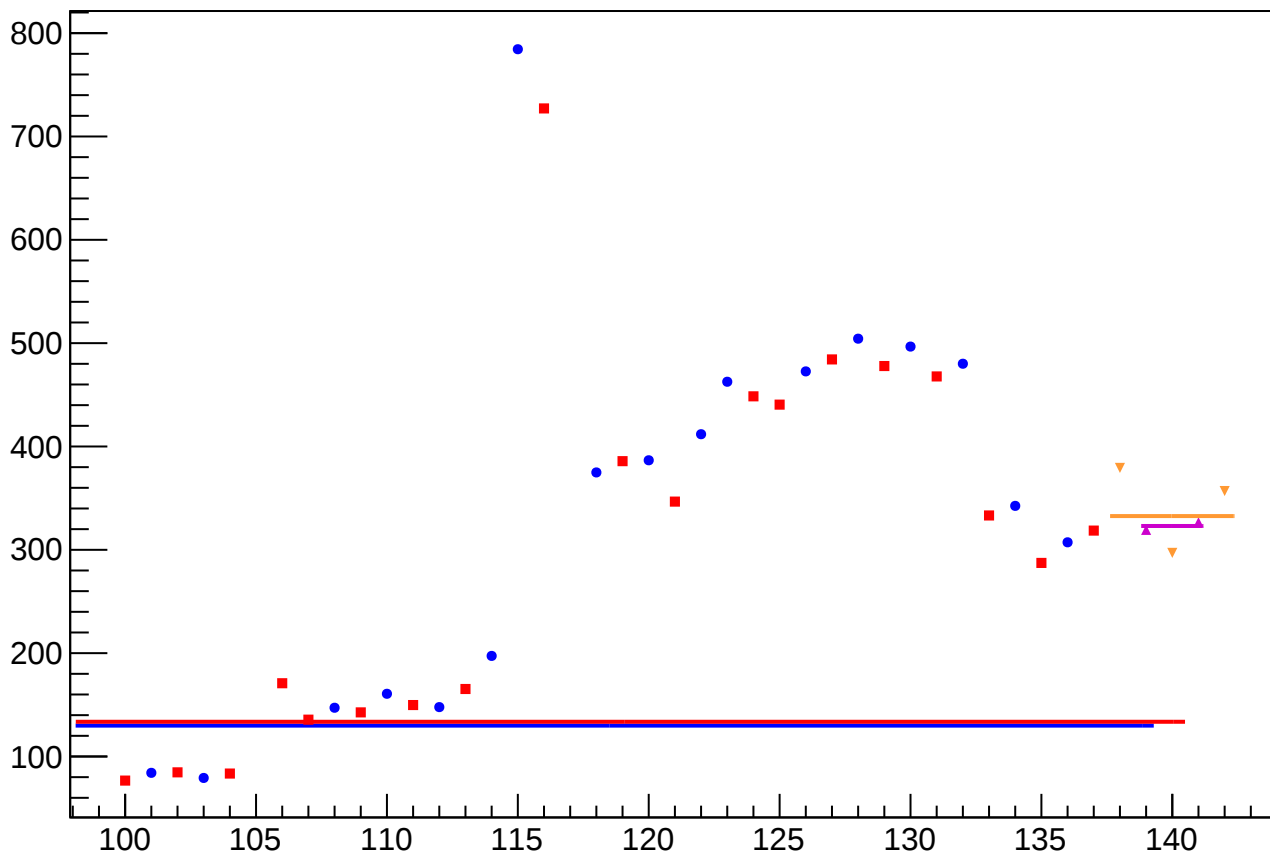
Right: 101.717+/-43.809 χ^2/NDF : 42.9/35

In: 76.619+/-61.258 χ^2/NDF : 24.3/18

Out: 102.040+/-58.975 χ^2/NDF : 24.7/21

All: 89.812+/-42.486 χ^2/NDF : 49.1/40

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 332.656+/-0.169 χ^2/NDF : 48765.8/2

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 323.066+/-0.179 χ^2/NDF : 425.0/1

Left: 328.132+/-0.123 χ^2/NDF : 50701.4/4

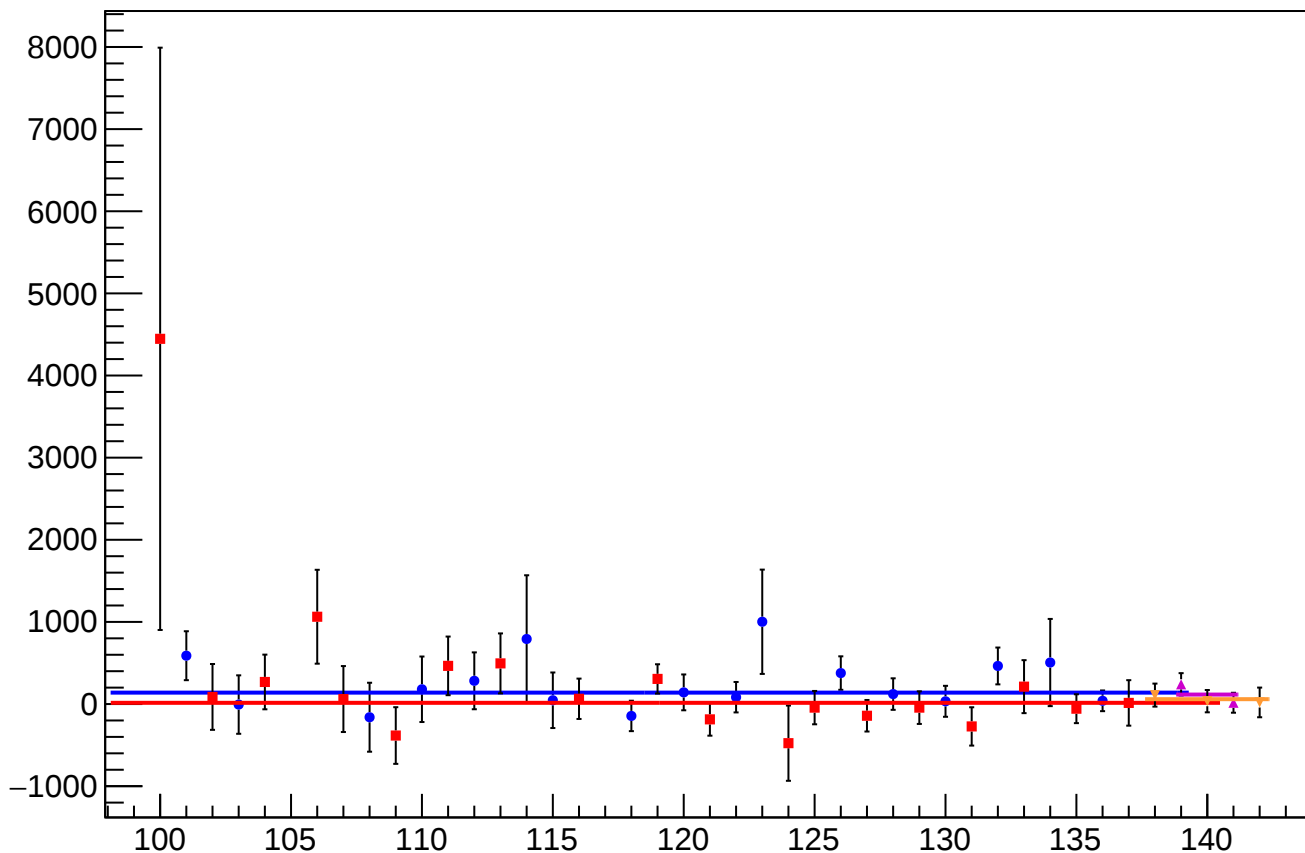
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 141.154+/-0.043 χ^2/NDF : 5922658.8/18

Out: 145.658+/-0.042 χ^2/NDF : 5708239.8/21

All: 143.492+/-0.030 χ^2/NDF : 11636507.7/40

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: 59.307 $\pm$ 85.822 χ^2 /NDF:0.2/2

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 115.440 $\pm$ 90.581 χ^2 /NDF:1.5/1

Left: 85.860 $\pm$ 62.300 χ^2 /NDF: 1.9/4

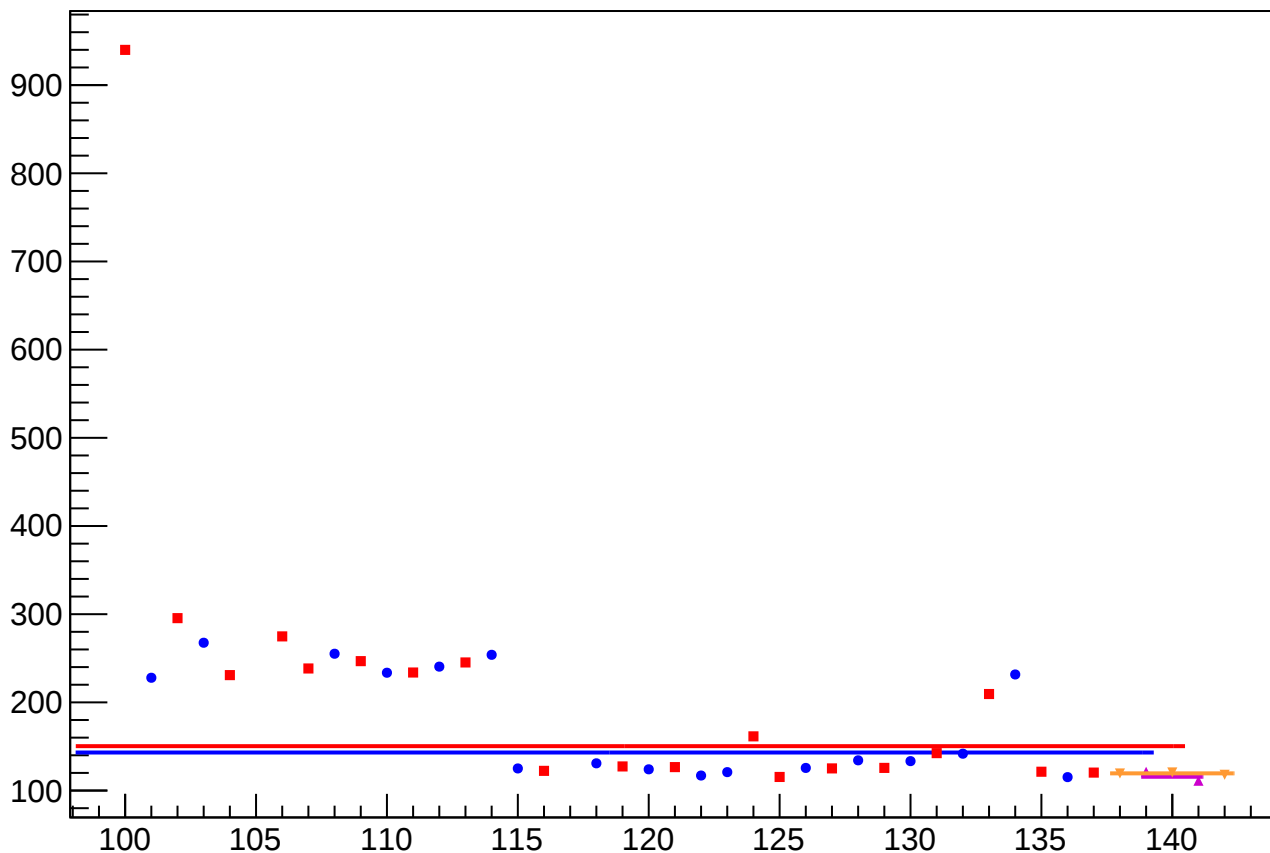
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 132.218 $\pm$ 48.834 χ^2 /NDF:14.7/18

Out: 29.526 $\pm$ 49.240 χ^2 /NDF:18.4/21

All: 81.296 $\pm$ 34.673 χ^2 /NDF: 35.2/40

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: 119.492 $\pm$ 0.061 χ^2 /NDF:276.4/2

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 115.638 $\pm$ 0.064 χ^2 /NDF:6171.7/1

Left: 117.669 $\pm$ 0.044 χ^2 /NDF: 8355.3/4

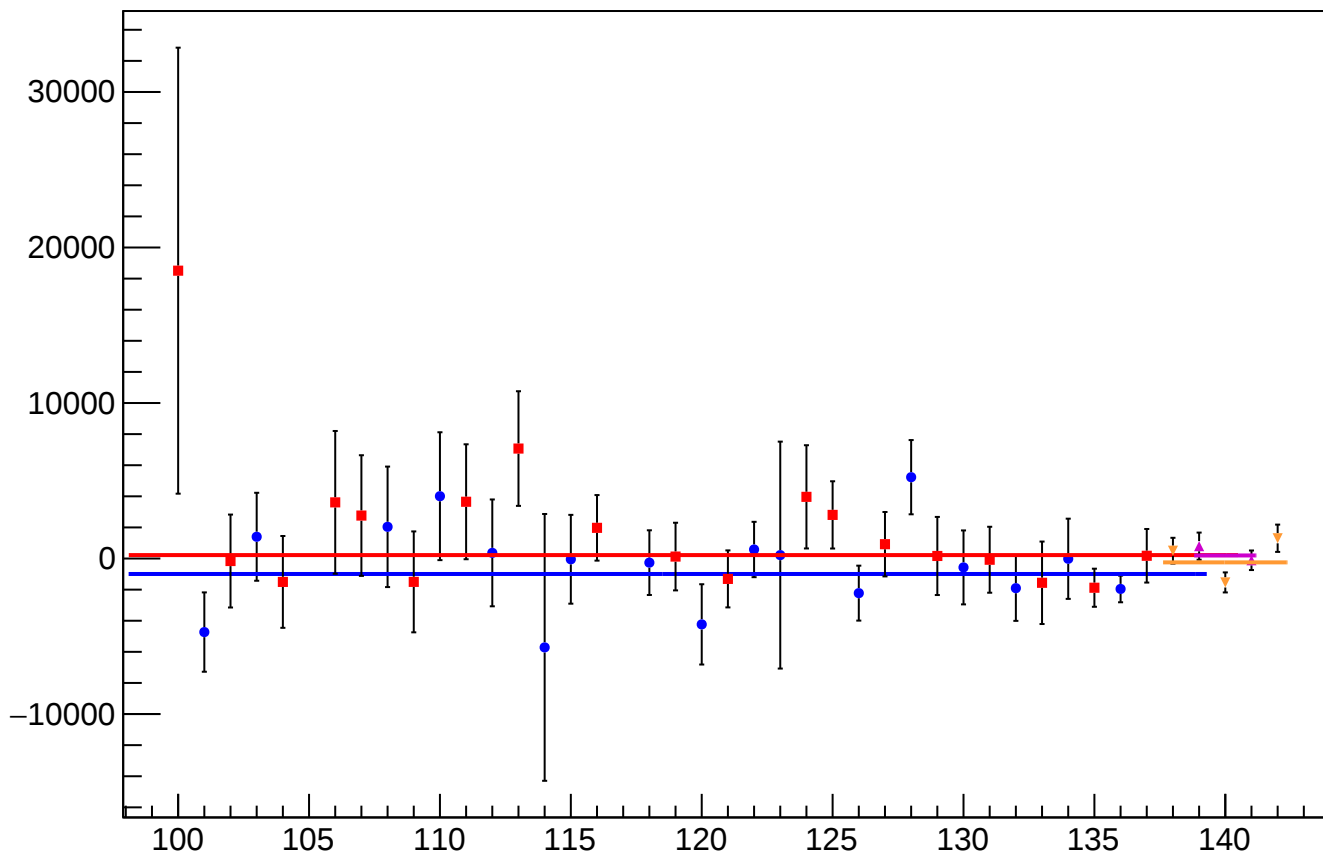
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 135.146 $\pm$ 0.035 χ^2 /NDF:1238215.8/18

Out: 140.183 $\pm$ 0.035 χ^2 /NDF:1605611.9/21

All: 137.644 $\pm$ 0.025 χ^2 /NDF: 2854377.4/40

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -247.279+/-440.106 χ^2/NDF : 7.9/2

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: 197.865+/-510.107 χ^2/NDF : 0.7/1

Left: -57.323+/-333.225 χ^2/NDF : 9.1/4

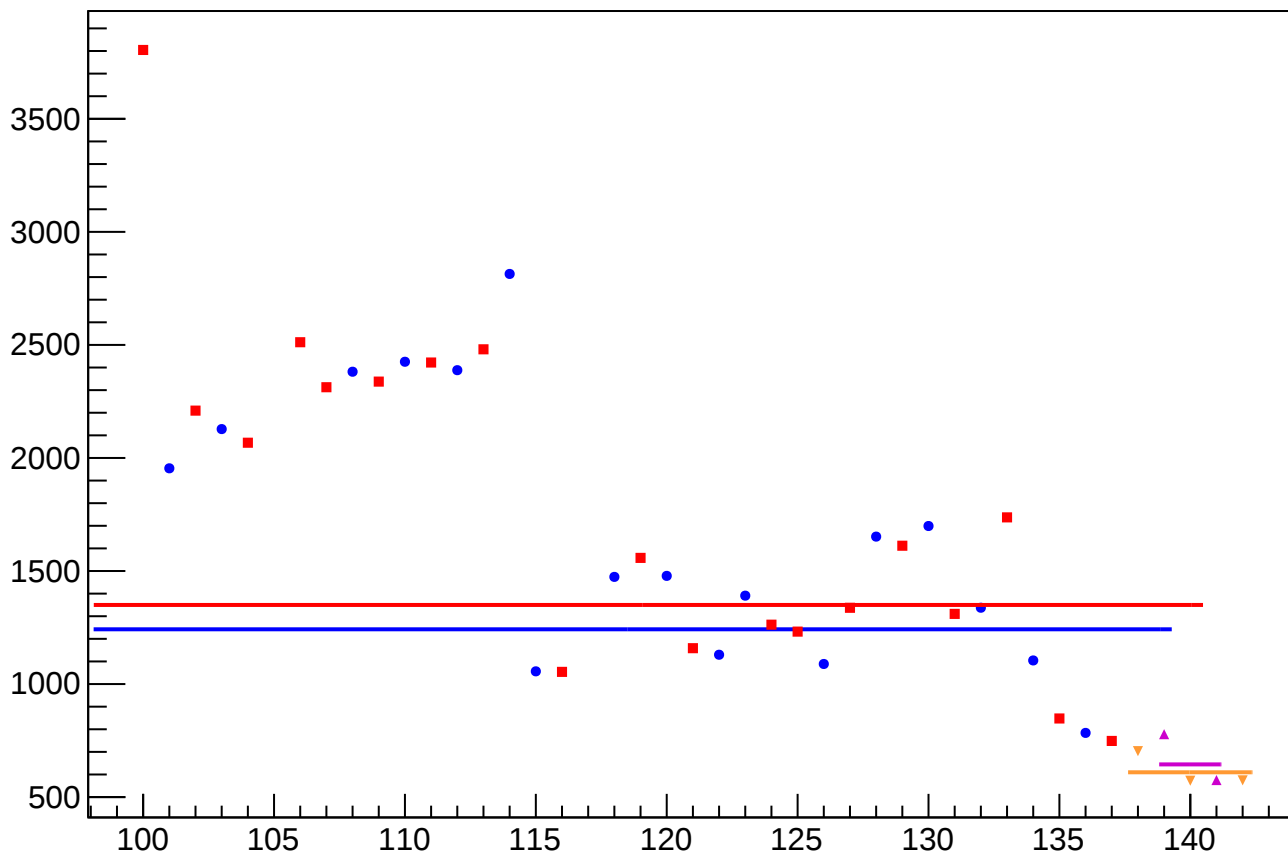
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -390.582+/-362.927 χ^2/NDF : 20.3/18

Out: -61.657+/-342.013 χ^2/NDF : 23.6/21

All: -216.370+/-248.905 χ^2/NDF : 44.3/40

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 609.741+/-0.311 χ^2/NDF : 35372.2/2

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 644.658+/-0.361 χ^2/NDF : 71137.5/1

Left: 624.641+/-0.236 χ^2/NDF : 111881.6/4

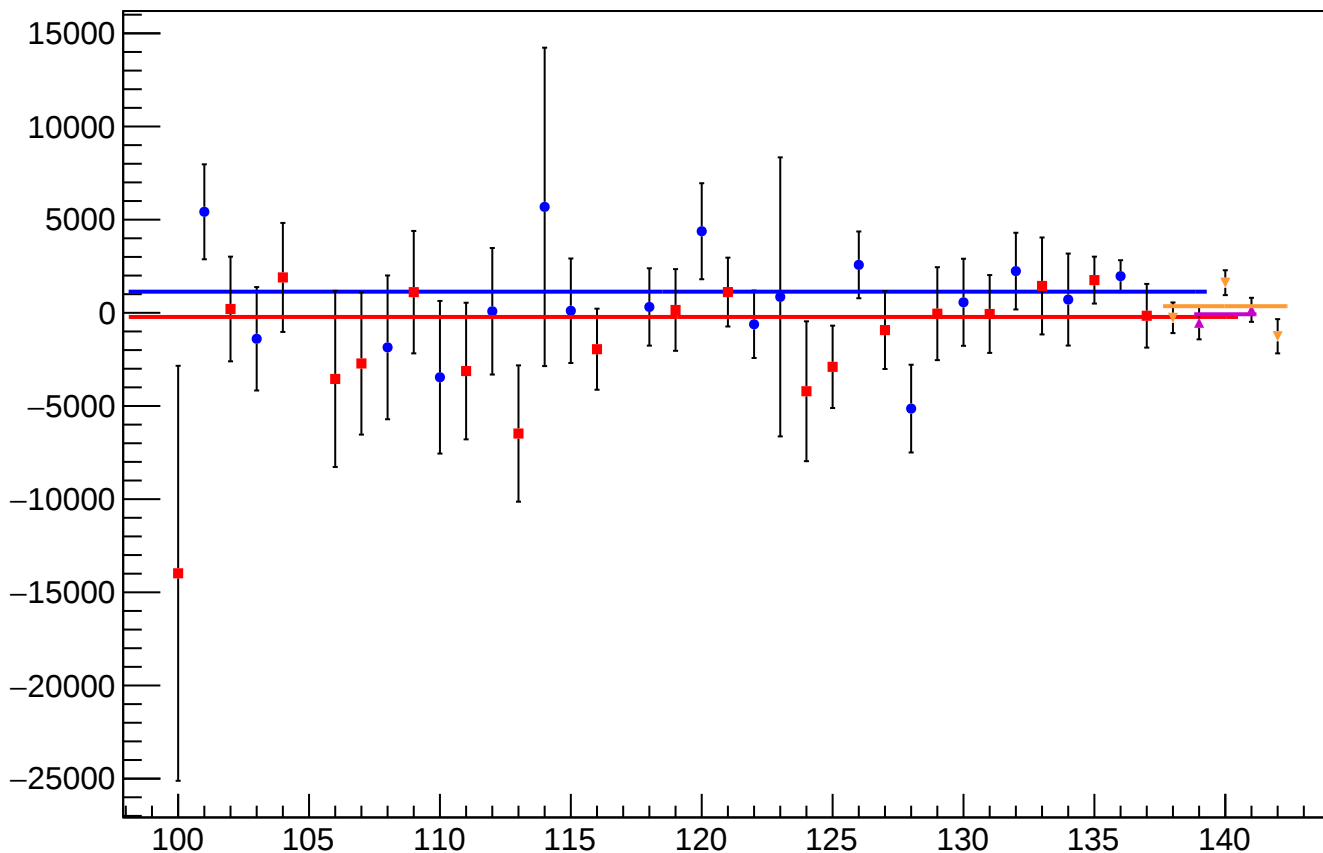
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 939.716+/-0.257 χ^2/NDF : 3193633.0/18

Out: 902.901+/-0.242 χ^2/NDF : 4143631.5/21

All: 920.217+/-0.176 χ^2/NDF : 7348164.2/40

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 355.963+/-451.211 χ^2/NDF : 7.2/2

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: -77.625+/-522.351 χ^2/NDF : 0.4/1

Left: 170.684+/-341.458 χ^2/NDF : 8.0/4

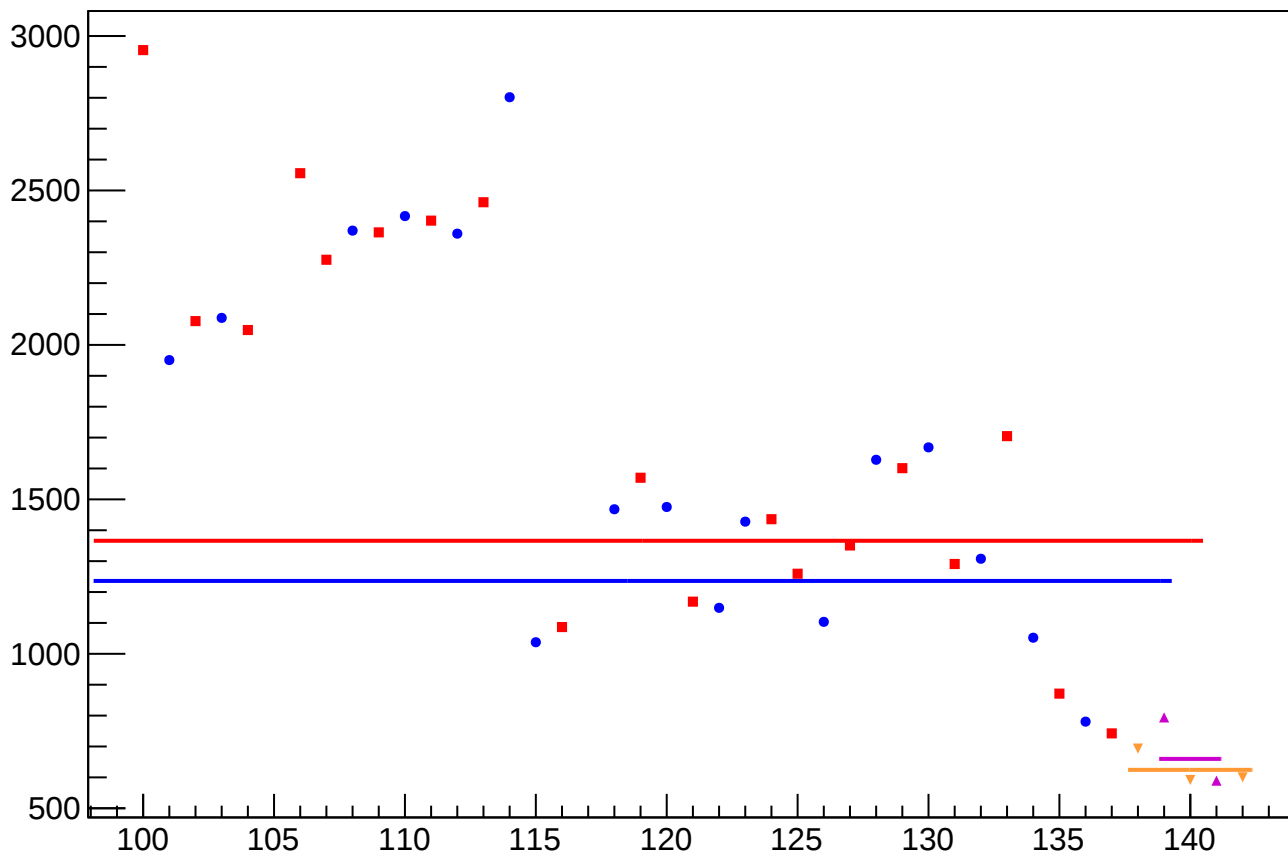
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 538.842+/-366.287 χ^2/NDF : 20.9/18

Out: 122.671+/-348.208 χ^2/NDF : 21.4/21

All: 320.233+/-252.369 χ^2/NDF : 43.0/40

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 624.358+/-0.319 χ^2/NDF : 20231.2/2

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 659.818+/-0.369 χ^2/NDF : 69328.8/1

Left: 639.511+/-0.241 χ^2/NDF : 94838.3/4

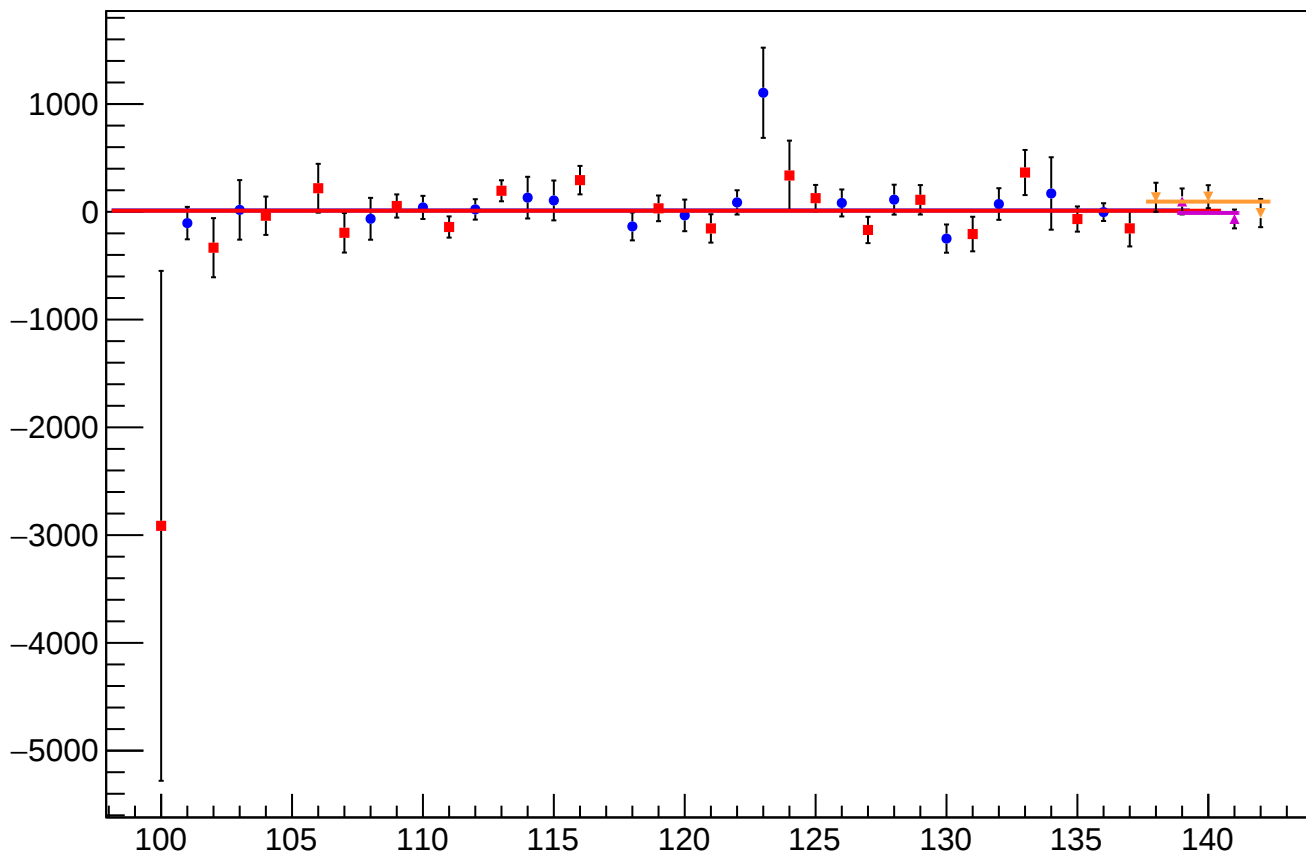
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 952.649+/-0.259 χ^2/NDF : 3051664.7/18

Out: 924.291+/-0.246 χ^2/NDF : 3955295.4/21

All: 937.753+/-0.178 χ^2/NDF : 7013257.2/40

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 94.868+/-70.493 χ^2/NDF : 0.9/2

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: -10.267+/-70.739 χ^2/NDF : 1.2/1

Left: 42.484+/-49.933 χ^2/NDF : 3.2/4

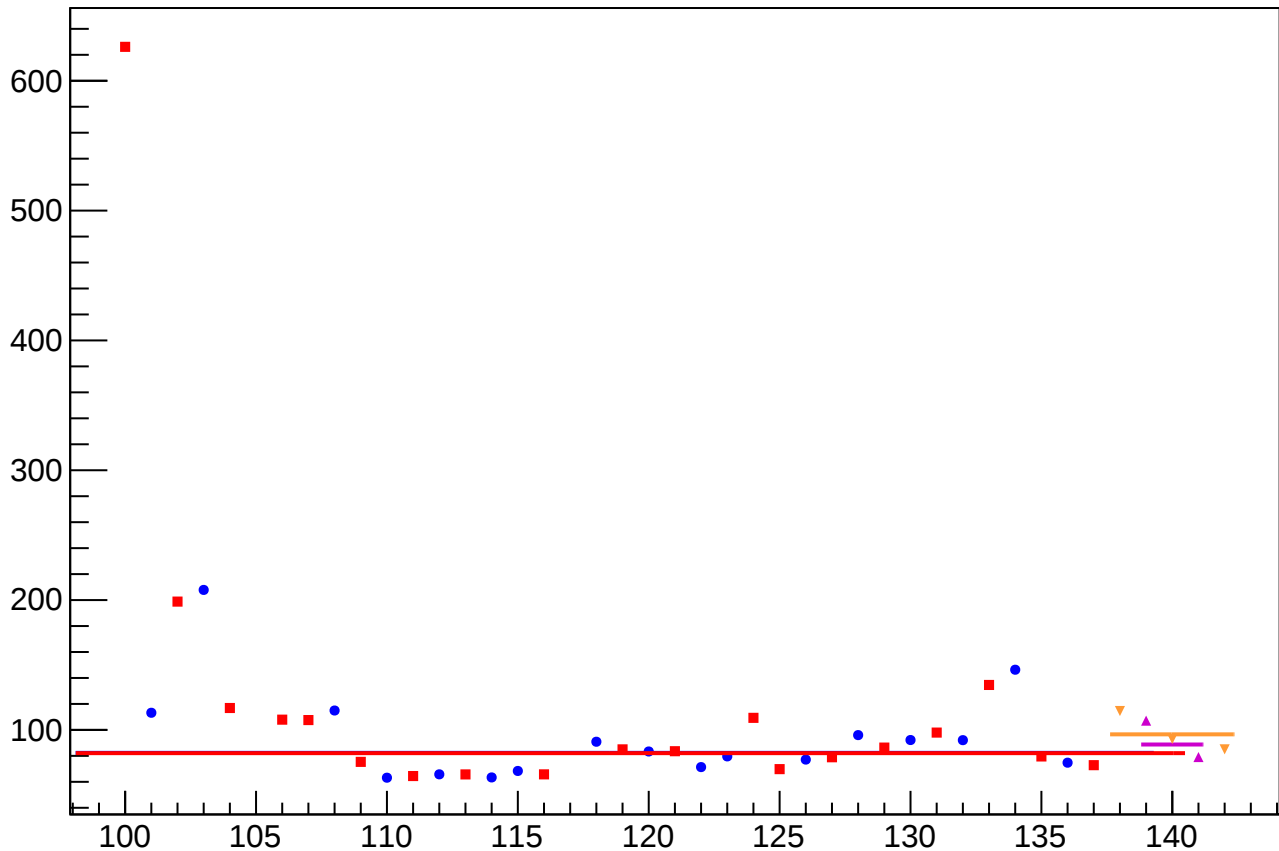
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 8.228+/-30.075 χ^2/NDF : 16.6/18

Out: 24.984+/-29.591 χ^2/NDF : 30.4/21

All: 16.742+/-21.093 χ^2/NDF : 47.2/40

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: 96.574 $\pm$ 0.050 χ^2 /NDF: 53264.6/2

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 88.747 $\pm$ 0.050 χ^2 /NDF: 70936.8/1

Left: 92.674 $\pm$ 0.035 χ^2 /NDF: 136489.1/4

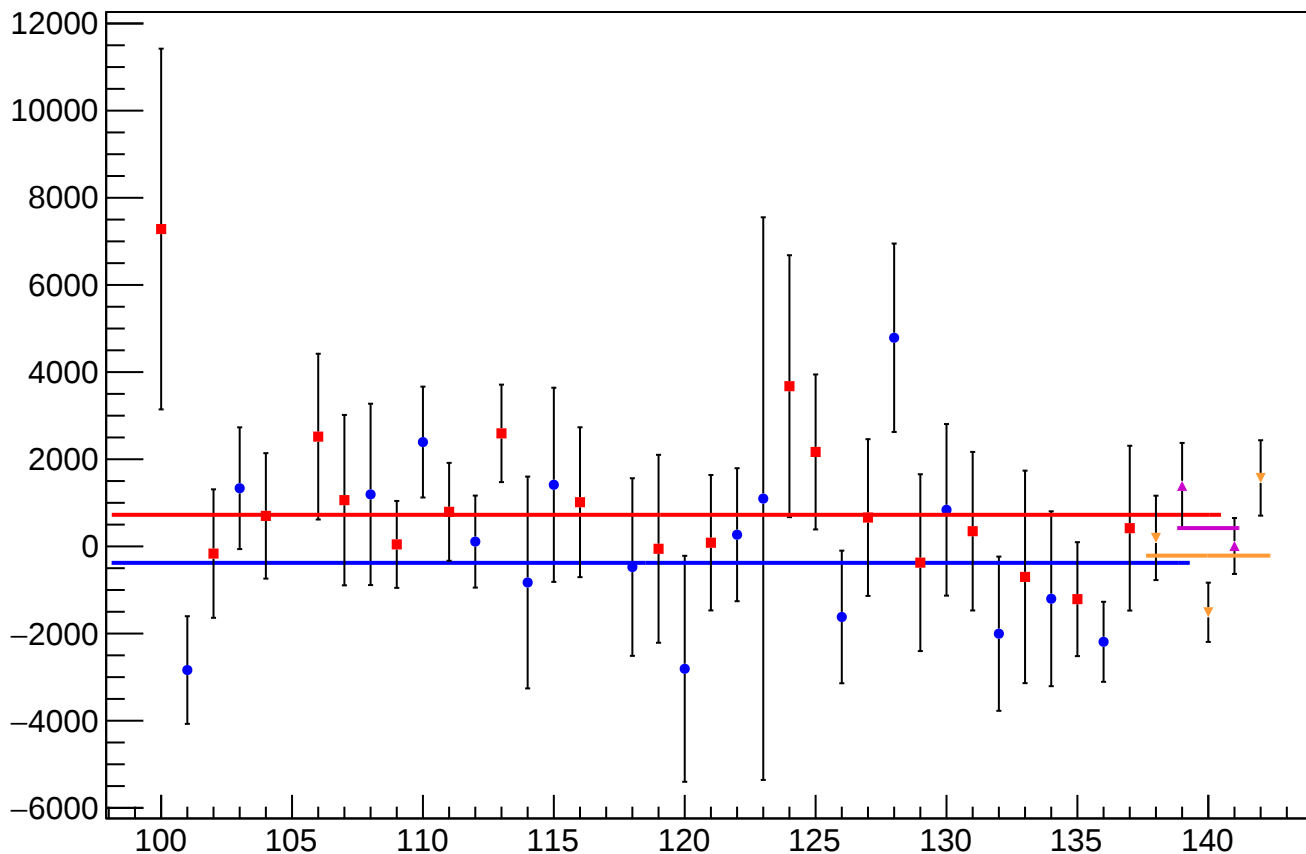
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 83.470 $\pm$ 0.021 χ^2 /NDF: 953262.8/18

Out: 84.643 $\pm$ 0.021 χ^2 /NDF: 1081826.1/21

All: 84.066 $\pm$ 0.015 χ^2 /NDF: 2036634.3/40

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -211.533+/-467.950 χ^2/NDF : 8.1/2

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 420.290+/-537.736 χ^2/NDF : 1.4/1

Left: 60.745+/-353.003 χ^2/NDF : 10.2/4

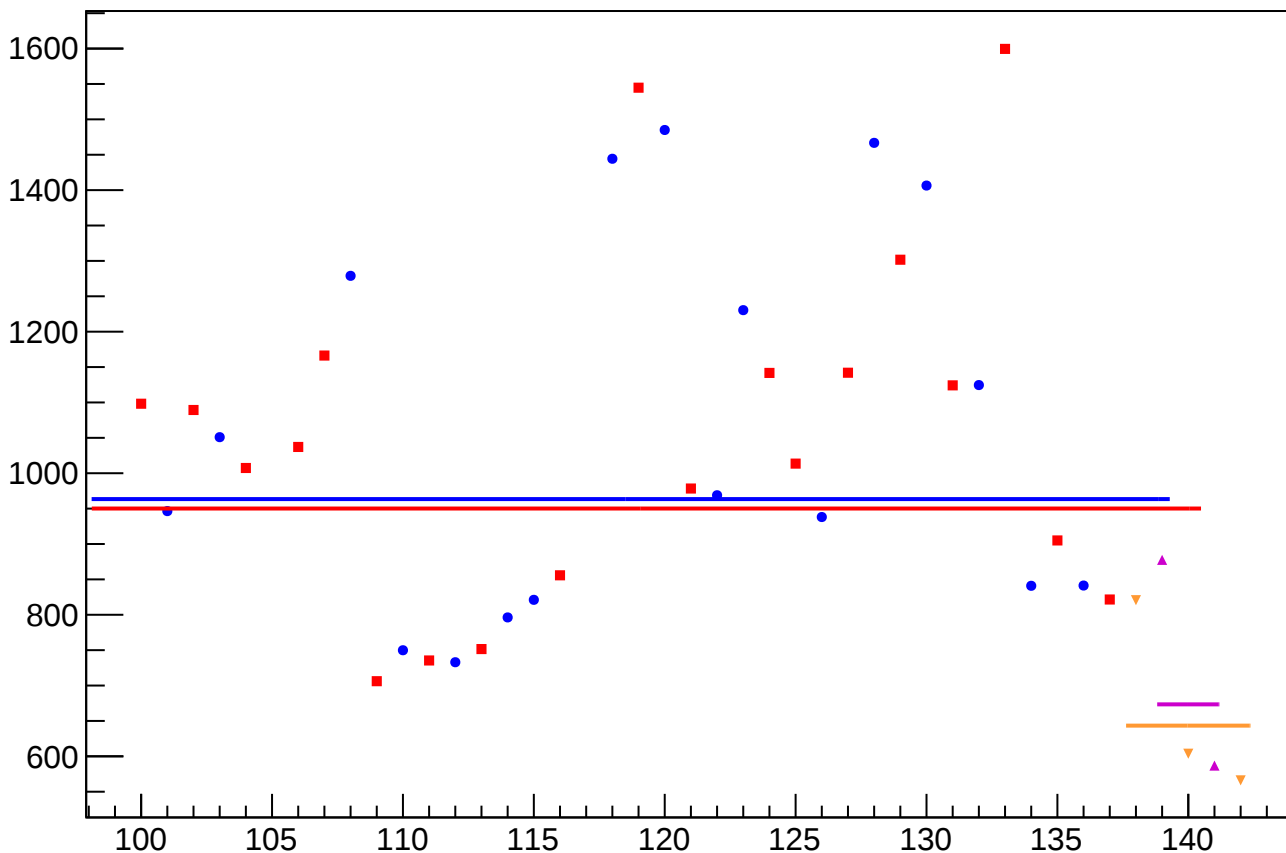
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -108.050+/-312.445 χ^2/NDF : 27.3/18

Out: 368.255+/-288.864 χ^2/NDF : 22.5/21

All: 148.753+/-212.105 χ^2/NDF : 51.0/40

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 643.369+/-0.331 χ^2/NDF : 89842.1/2

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 673.419+/-0.380 χ^2/NDF : 122187.9/1

Left: 656.319+/-0.250 χ^2/NDF : 215584.2/4

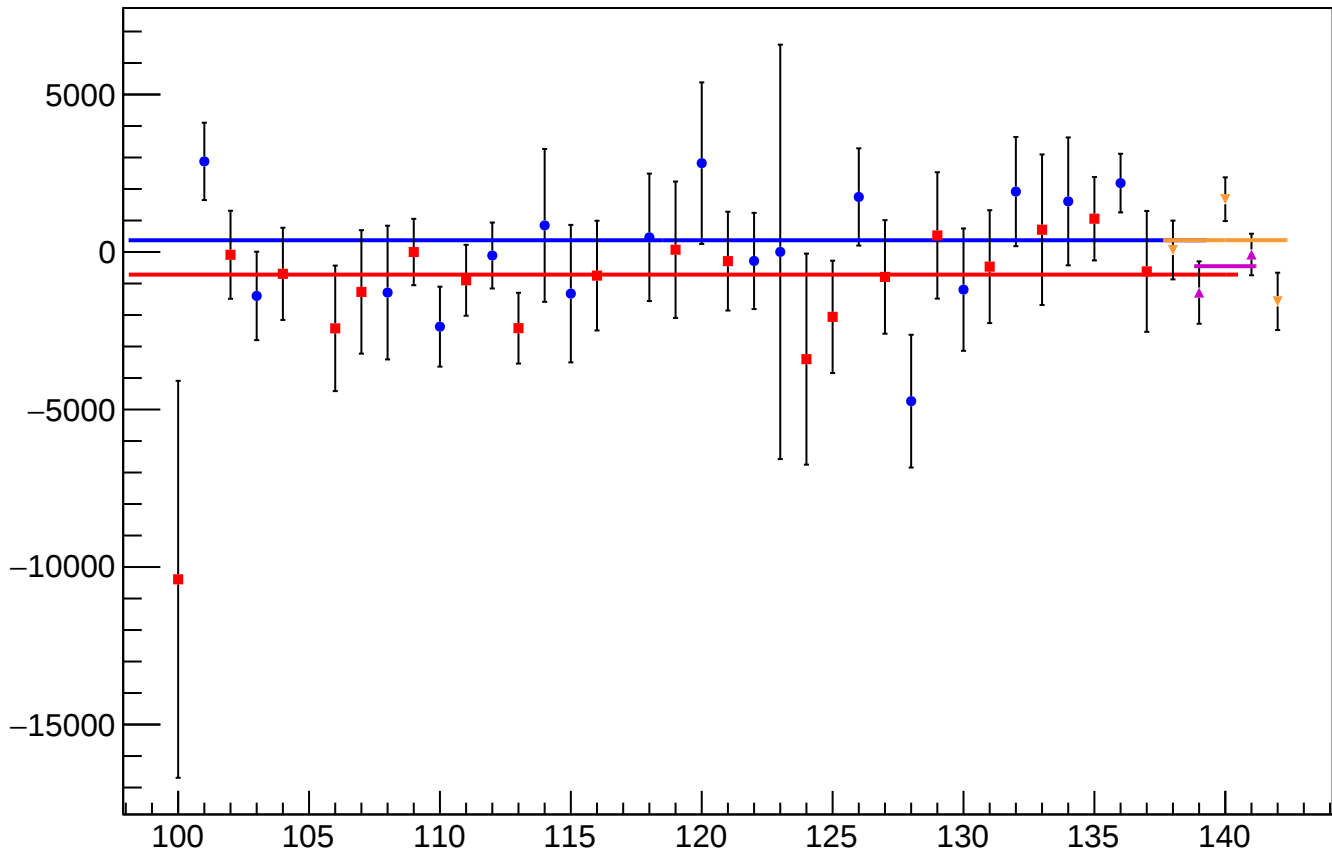
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 865.547+/-0.221 χ^2/NDF : 1196499.0/18

Out: 833.232+/-0.204 χ^2/NDF : 1353736.5/21

All: 848.124+/-0.150 χ^2/NDF : 2561769.9/40

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 375.401+/-475.007 χ^2/NDF : 8.2/2

Right Out: -717.404+/-371.769 χ^2/NDF : 10.1/18

Left In: -450.741+/-548.907 χ^2/NDF : 1.0/1

Left: 21.648+/-359.188 χ^2/NDF : 10.5/4

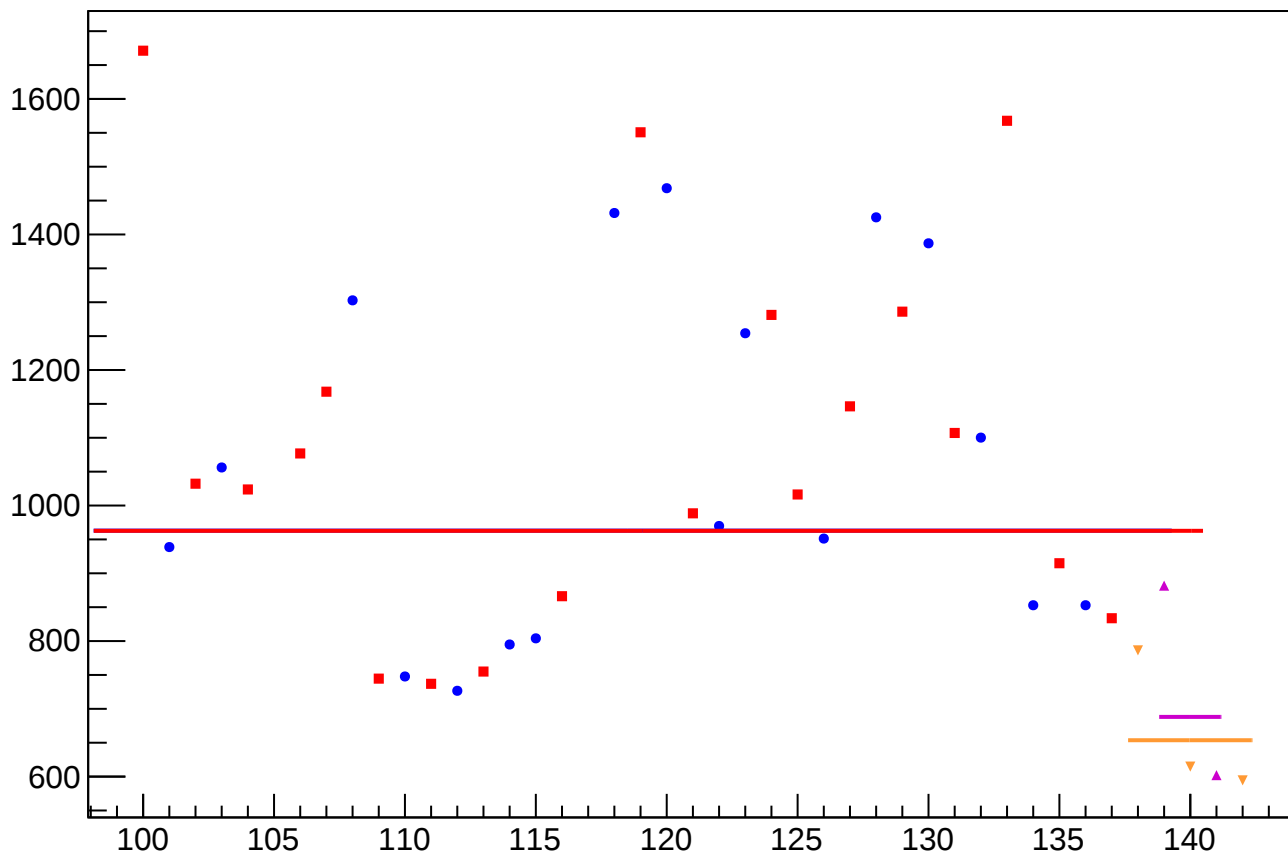
Right: -189.414+/-266.986 χ^2/NDF : 39.6/35

In: 102.579+/-314.462 χ^2/NDF : 27.8/18

Out: -302.284+/-292.763 χ^2/NDF : 21.6/21

All: -114.302+/-214.275 χ^2/NDF : 50.3/40

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 653.667+/-0.336 χ^2/NDF : 55137.0/2

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 688.107+/-0.388 χ^2/NDF : 110495.6/1

Left: 668.414+/-0.254 χ^2/NDF : 170134.8/4

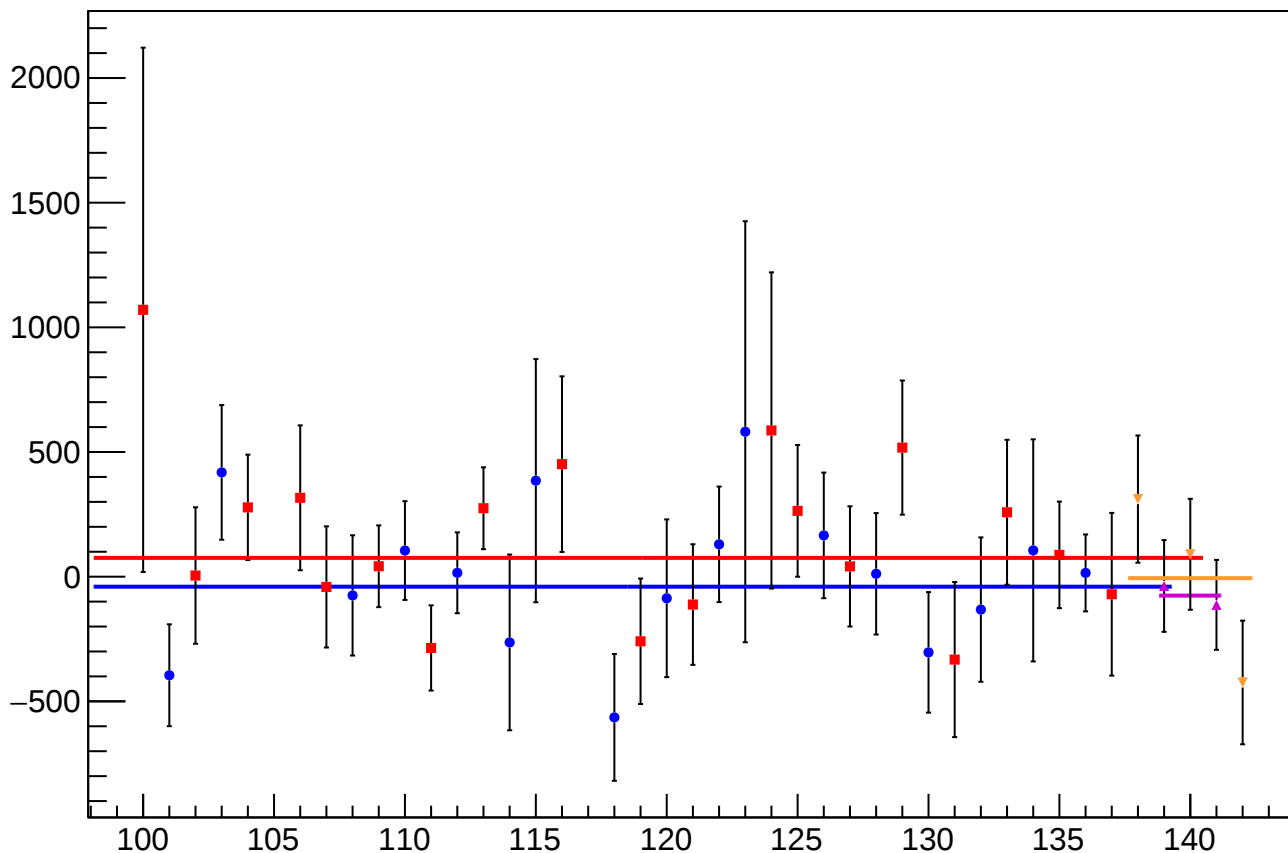
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 872.761+/-0.222 χ^2/NDF : 1114920.3/18

Out: 845.304+/-0.207 χ^2/NDF : 1276458.1/21

All: 858.052+/-0.152 χ^2/NDF : 2399546.1/40

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: -5.897 ± 138.907 χ^2/NDF : 4.6/2

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: -75.893 ± 128.796 χ^2/NDF : 0.1/1

Left: -43.535 ± 94.445 χ^2/NDF : 4.8/4

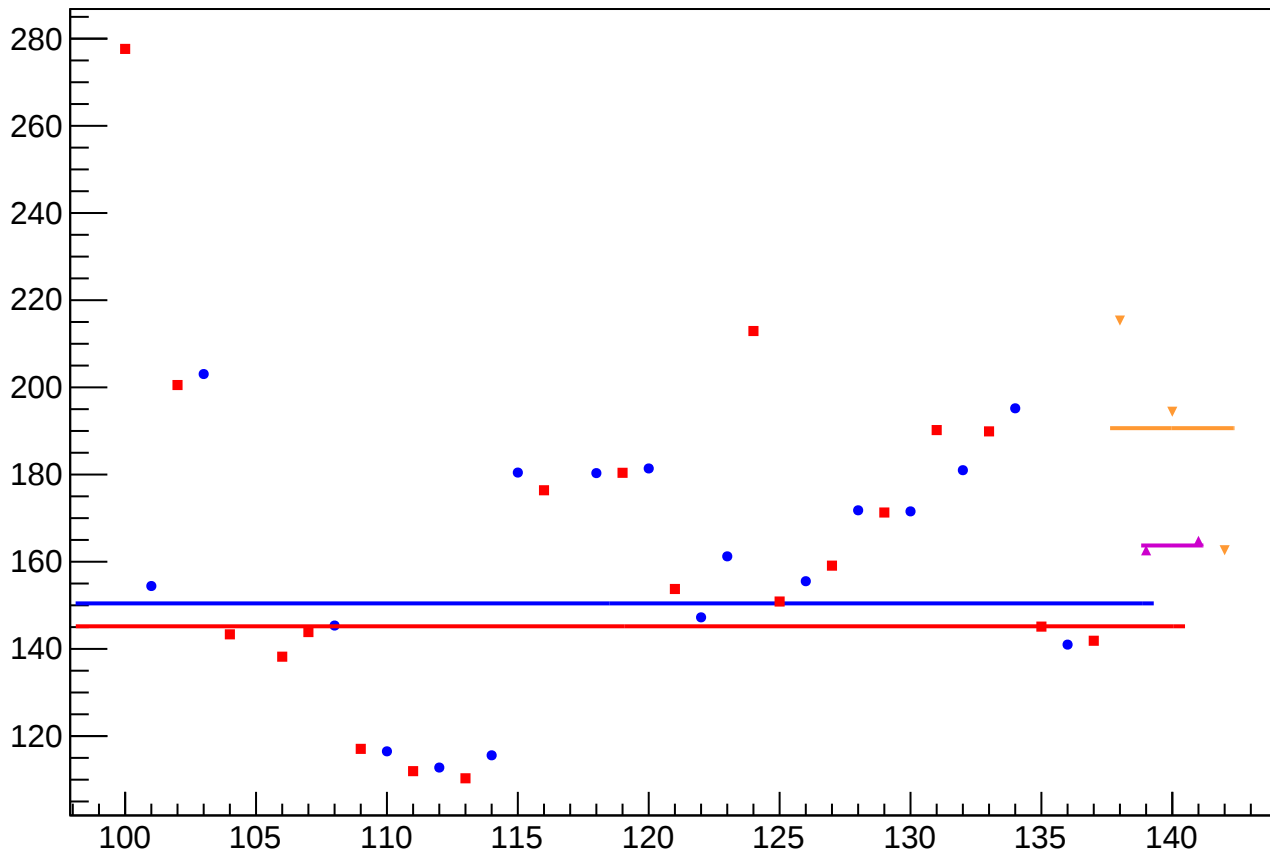
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: -46.371 ± 53.832 χ^2/NDF : 15.5/18

Out: 64.005 ± 52.124 χ^2/NDF : 23.4/21

All: 10.596 ± 37.446 χ^2/NDF : 41.0/40

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: 190.641 $\pm$ 0.098 χ^2 /NDF:44792.9/2

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 163.726 $\pm$ 0.091 χ^2 /NDF:142.6/1

Left: 176.169 $\pm$ 0.067 χ^2 /NDF: 85310.3/4

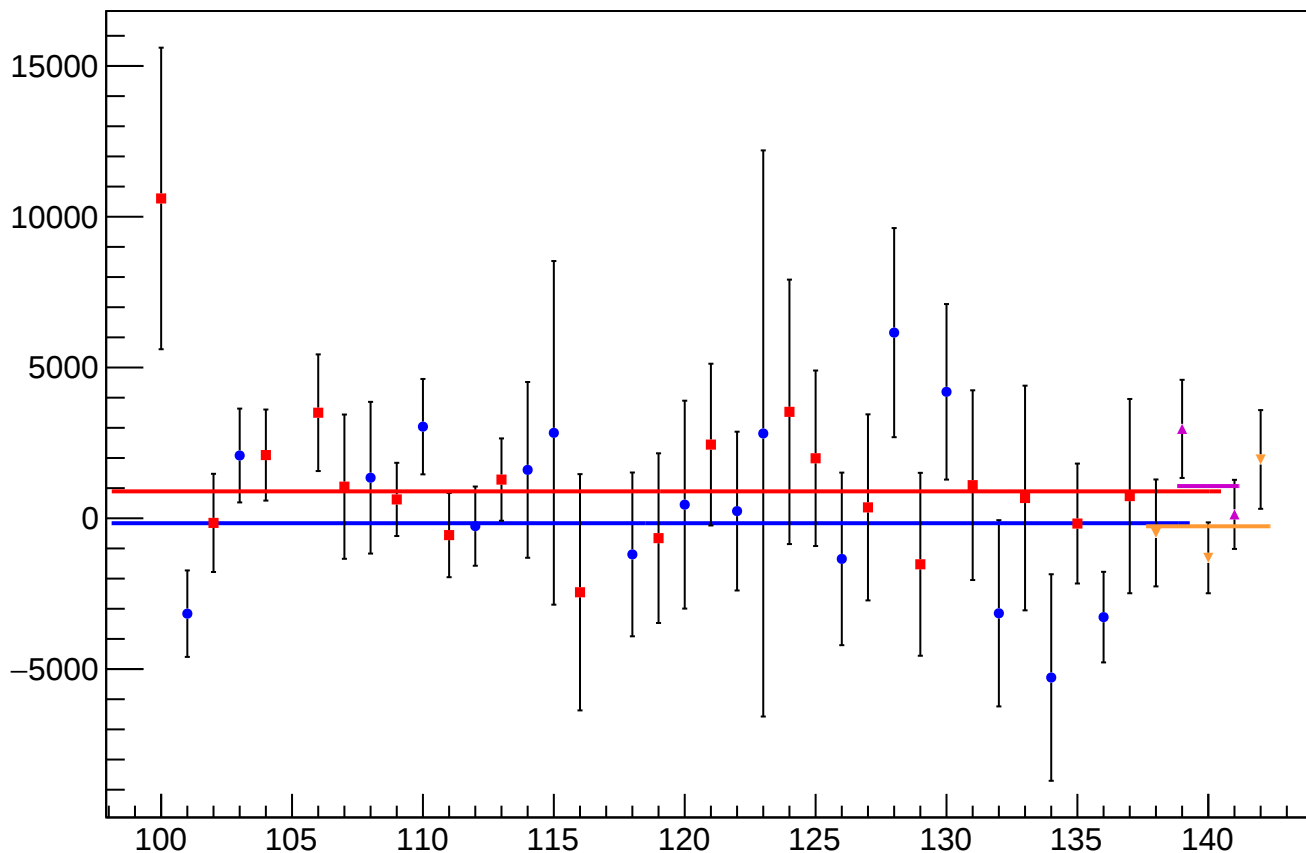
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 152.762 $\pm$ 0.038 χ^2 /NDF:417824.7/18

Out: 151.587 $\pm$ 0.037 χ^2 /NDF:764488.2/21

All: 152.156 $\pm$ 0.026 χ^2 /NDF: 1182804.8/40

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -264.871+/-840.721 χ^2/NDF : 2.6/2

Right Out: 893.137+/-484.322 χ^2/NDF : 10.7/18

Left In: 1068.985+/-936.646 χ^2/NDF : 2.0/1

Left: 330.278+/-625.653 χ^2/NDF : 5.8/4

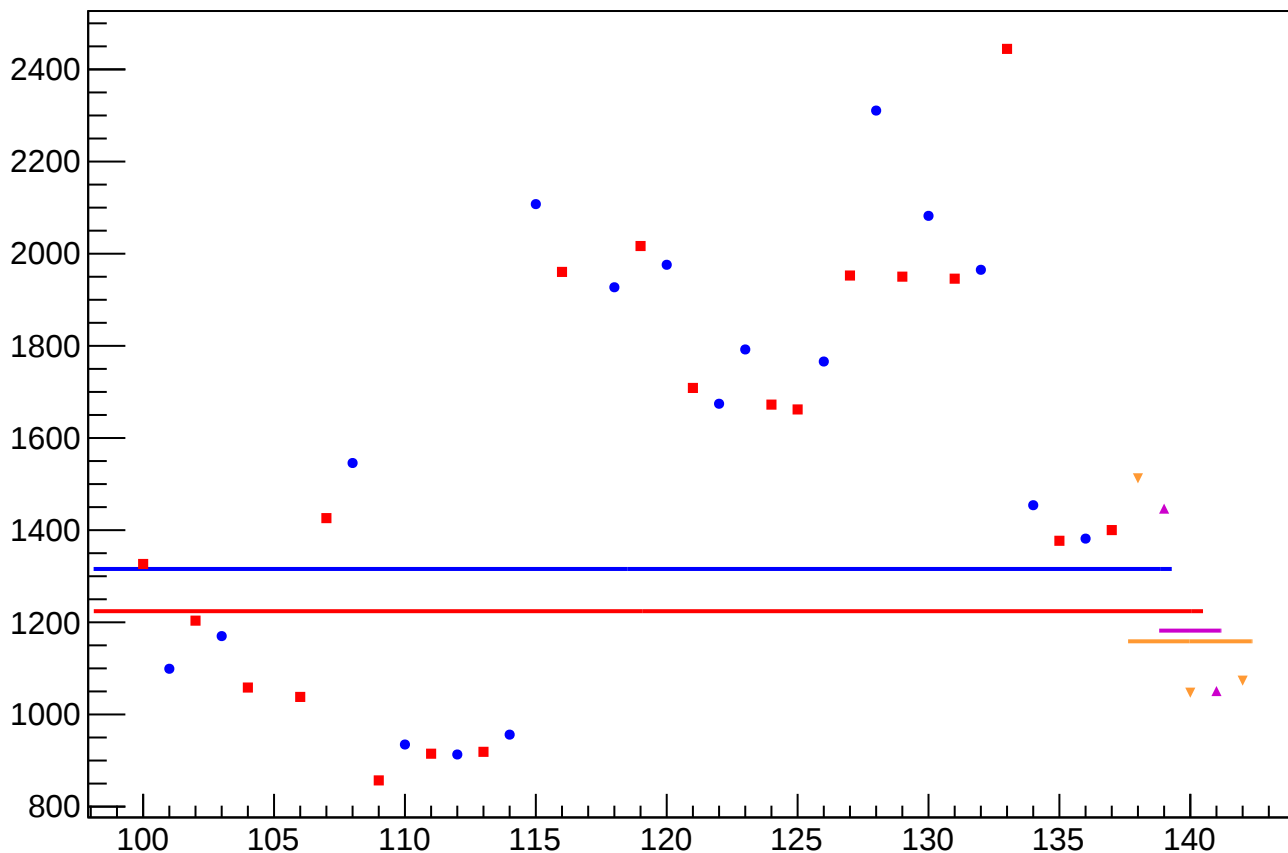
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 138.643+/-463.355 χ^2/NDF : 28.4/18

Out: 604.591+/-419.666 χ^2/NDF : 14.8/21

All: 394.614+/-311.050 χ^2/NDF : 43.7/40

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1158.756 $\pm$ 0.594 χ^2 /NDF:103038.7/2

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1181.978 $\pm$ 0.662 χ^2 /NDF:79169.1/1

Left: 1169.118 $\pm$ 0.442 χ^2 /NDF: 182888.6/4

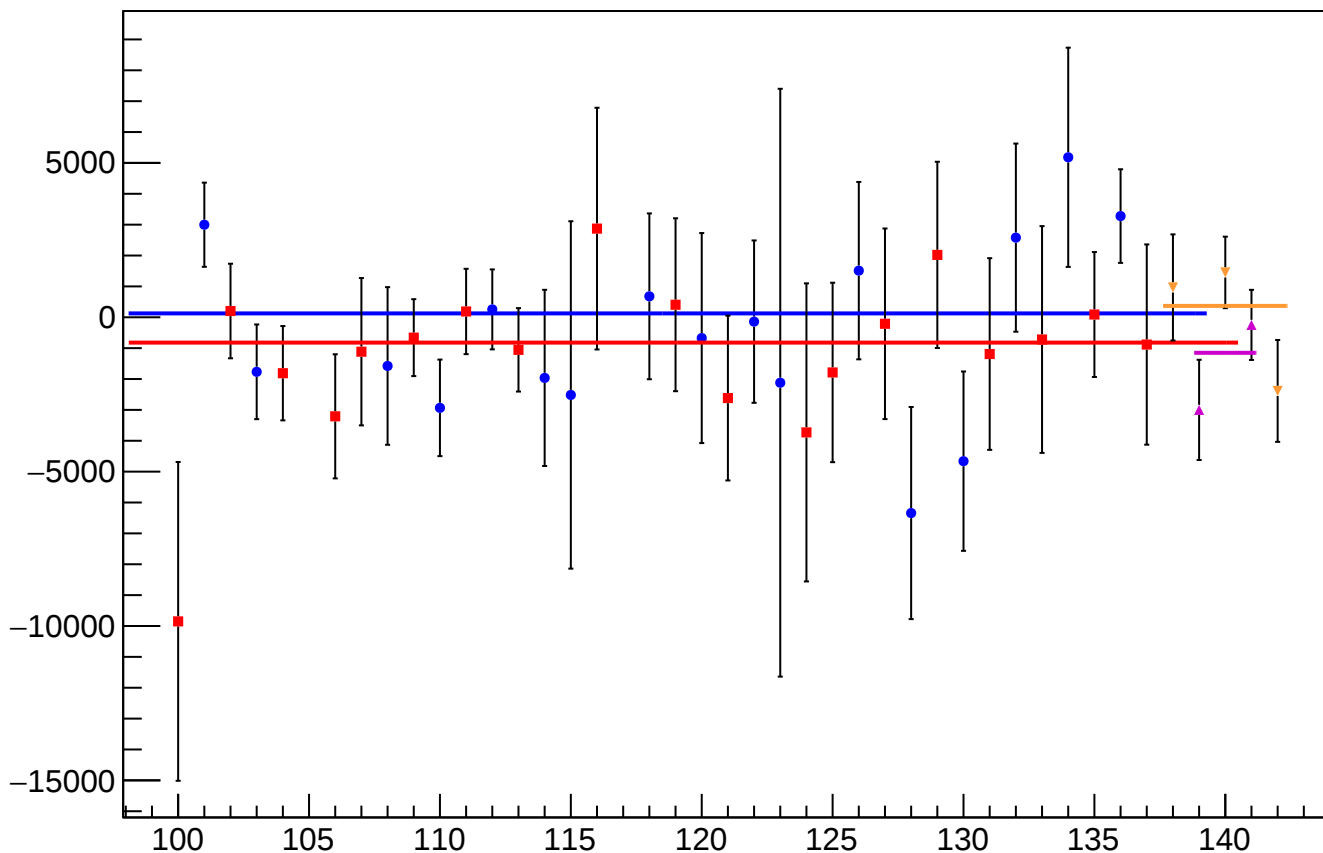
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1283.039 $\pm$ 0.328 χ^2 /NDF:1228343.1/18

Out: 1207.855 $\pm$ 0.297 χ^2 /NDF:1476026.4/21

All: 1241.736 $\pm$ 0.220 χ^2 /NDF: 2733296.7/40

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 368.233 $\pm$ 830.004 χ^2 /NDF:3.8/2

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -1151.168 $\pm$ 930.461 χ^2 /NDF:1.9/1

Left: -305.048 $\pm$ 619.384 χ^2 /NDF: 7.2/4

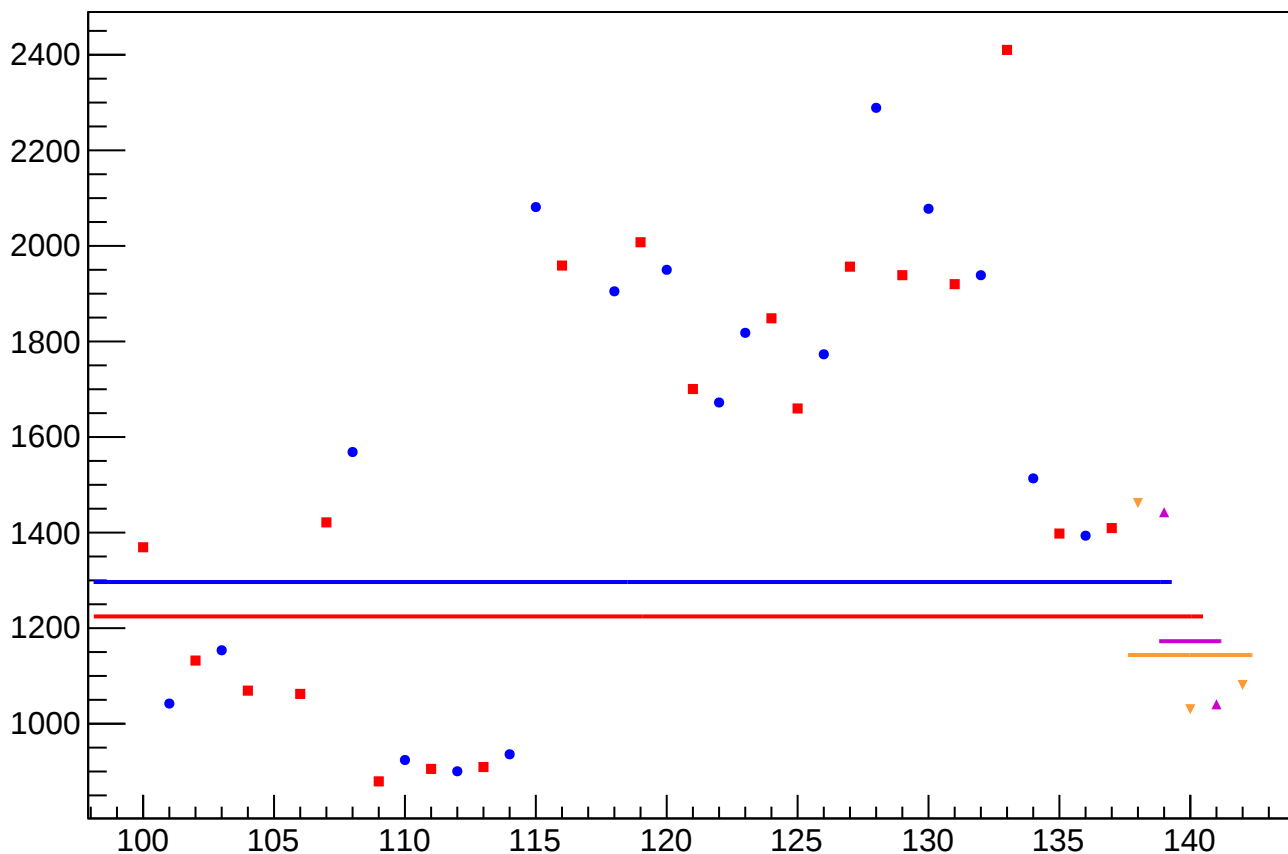
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -184.492 $\pm$ 458.426 χ^2 /NDF:28.0/18

Out: -518.028 $\pm$ 418.531 χ^2 /NDF:14.4/21

All: -366.402 $\pm$ 309.090 χ^2 /NDF: 42.7/40

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1143.749 $\pm$ 0.587 χ^2 /NDF: 90543.7/2

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1172.744 $\pm$ 0.658 χ^2 /NDF: 82357.7/1

Left: 1156.597 $\pm$ 0.438 χ^2 /NDF: 173982.8/4

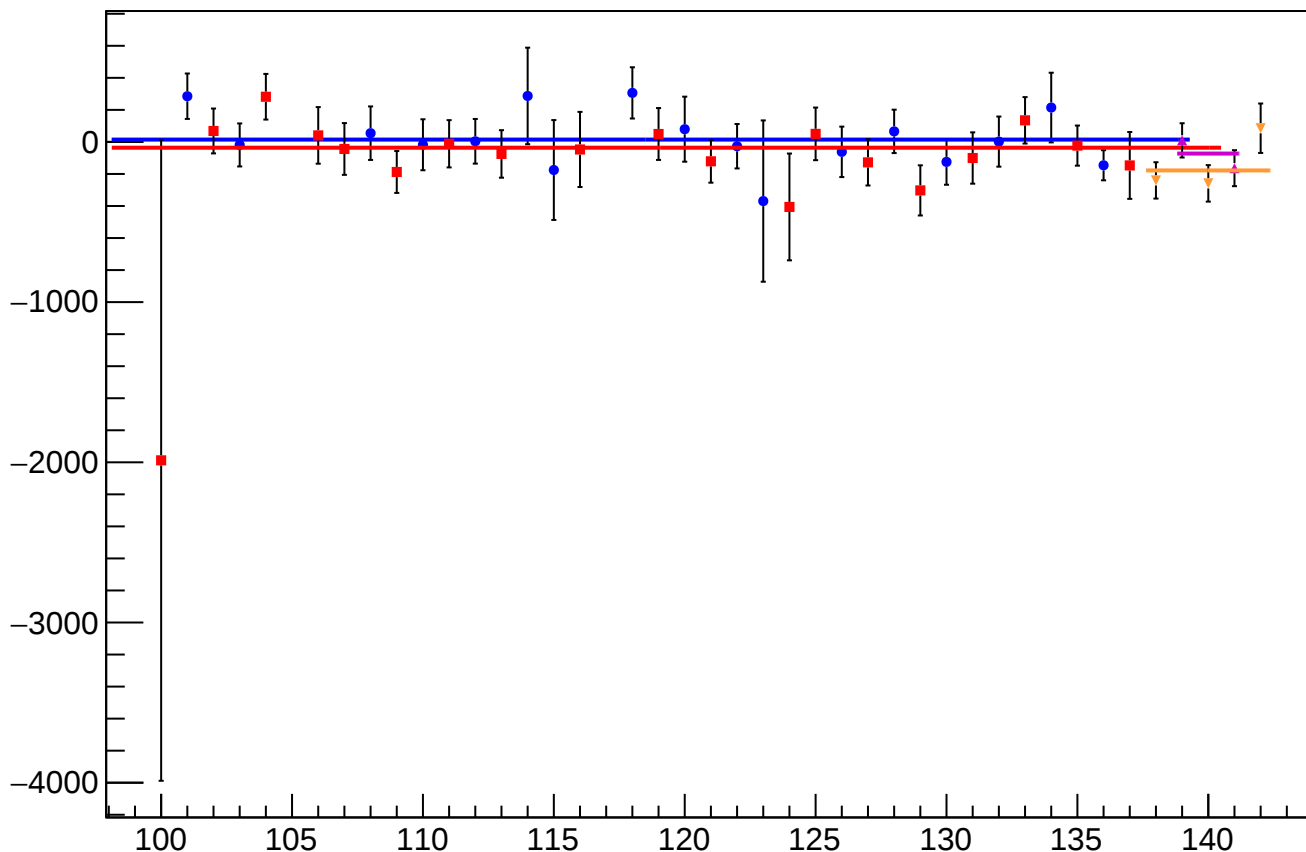
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1266.515 $\pm$ 0.324 χ^2 /NDF: 1284647.1/18

Out: 1204.013 $\pm$ 0.296 χ^2 /NDF: 1452956.5/21

All: 1232.426 $\pm$ 0.219 χ^2 /NDF: 2757880.2/40

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 χ^2/NDF : 14.2/16

Left Out: -177.978 ± 71.270 χ^2/NDF : 3.7/2

Right Out: -36.133 ± 36.722 χ^2/NDF : 15.5/18

Left In: -72.713 ± 77.453 χ^2/NDF : 1.3/1

Left: -129.714 ± 52.446 χ^2/NDF : 6.0/4

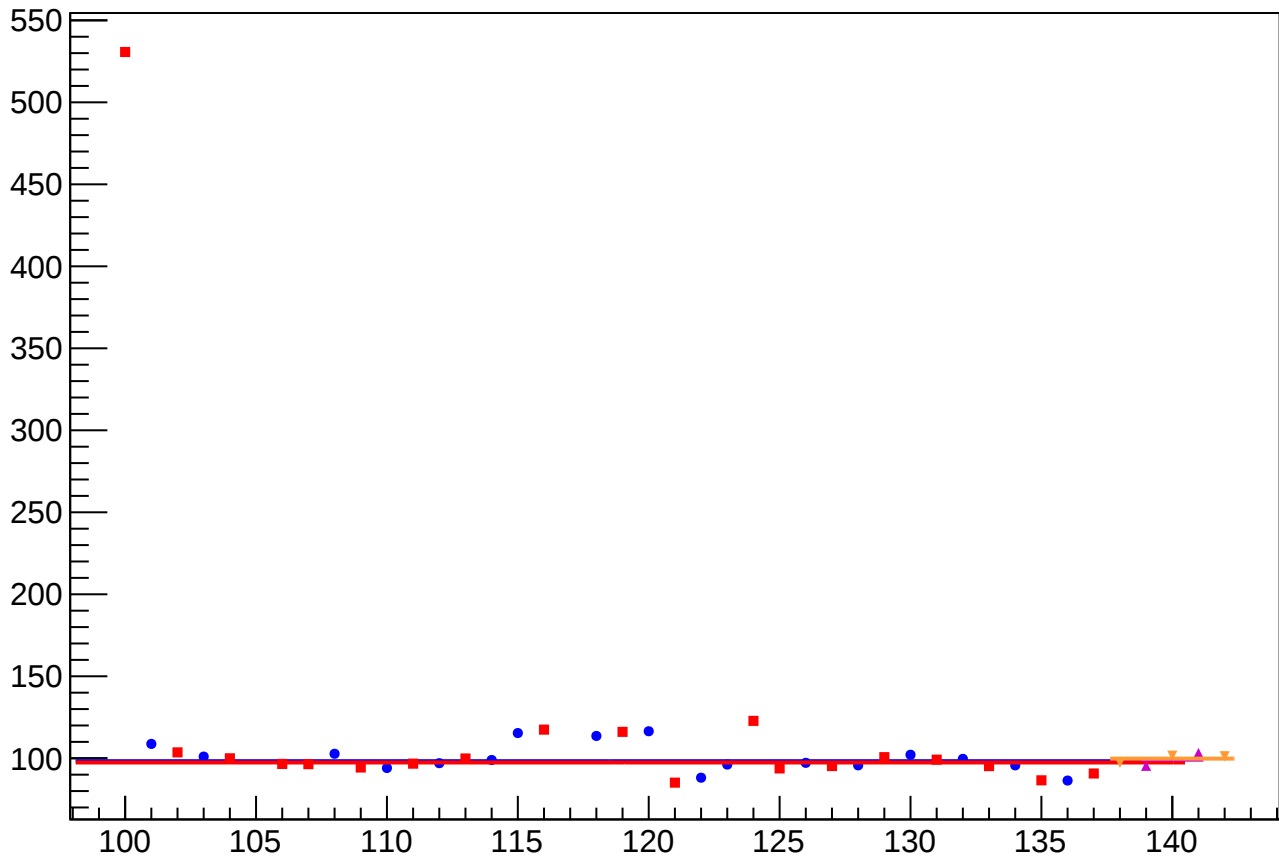
Right: -11.656 ± 26.412 χ^2/NDF : 30.6/35

In: -2.370 ± 34.127 χ^2/NDF : 16.5/18

Out: -65.889 ± 32.643 χ^2/NDF : 22.3/21

All: -35.541 ± 23.590 χ^2/NDF : 40.6/40

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 99.790+/-0.050 χ^2/NDF : 1716.7/2

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 99.134+/-0.055 χ^2/NDF : 5113.9/1

Left: 99.489+/-0.037 χ^2/NDF : 6908.2/4

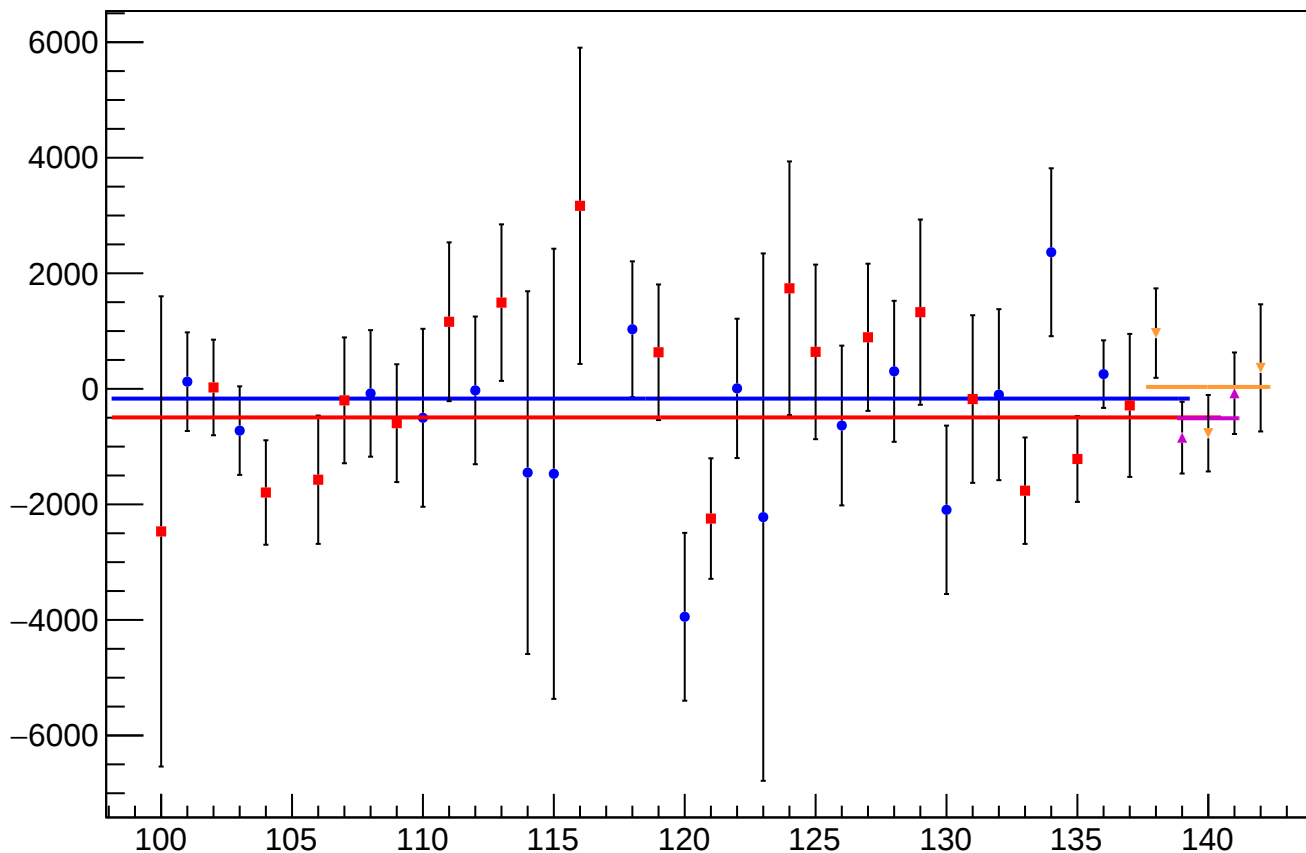
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 98.397+/-0.024 χ^2/NDF : 105849.2/18

Out: 97.930+/-0.023 χ^2/NDF : 193506.2/21

All: 98.153+/-0.017 χ^2/NDF : 299550.7/40

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 33.106 ± 457.599 χ^2/NDF : 3.0/2

Right Out: -494.868 ± 267.430 χ^2/NDF : 19.8/18

Left In: -509.272 ± 466.195 χ^2/NDF : 0.7/1

Left: -233.036 ± 326.568 χ^2/NDF : 4.4/4

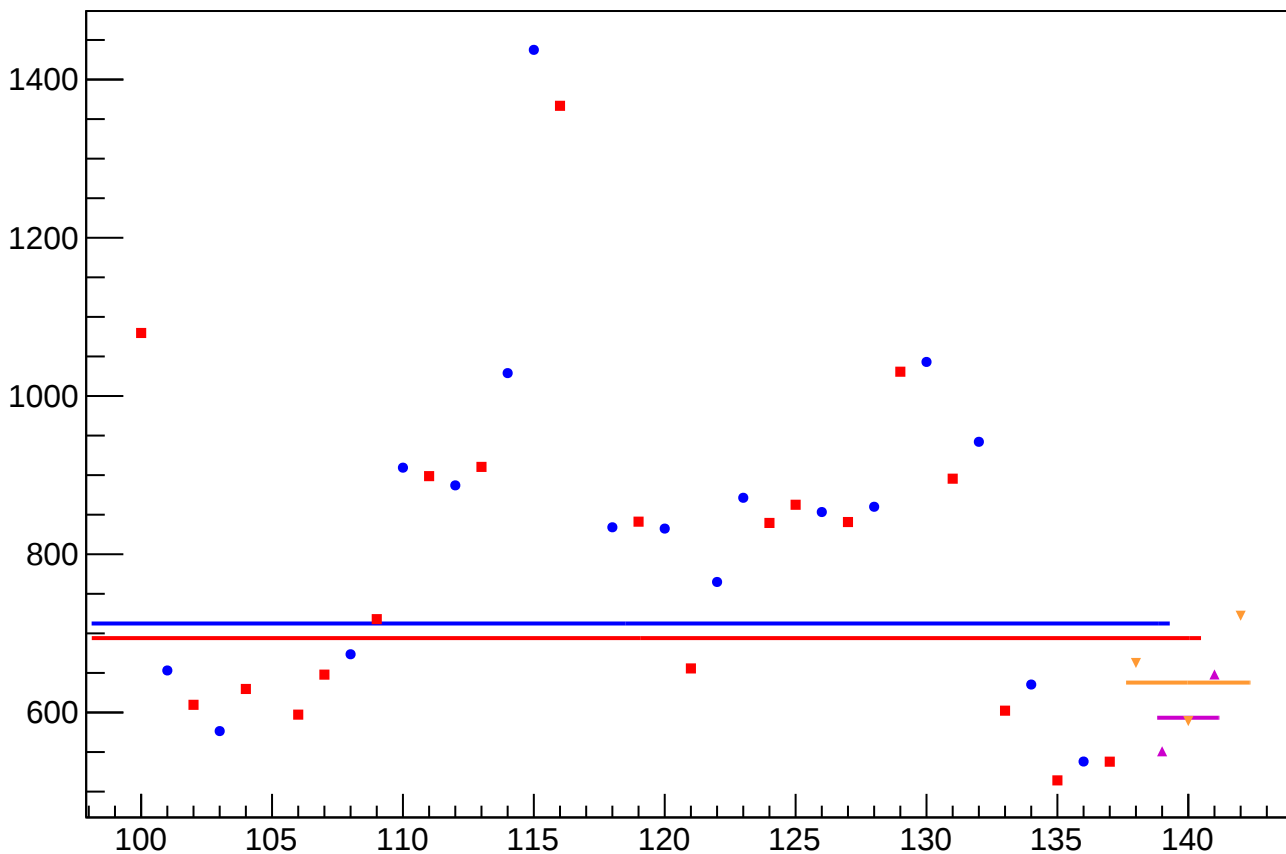
Right: -340.578 ± 194.106 χ^2/NDF : 35.1/35

In: -260.092 ± 241.402 χ^2/NDF : 15.6/18

Out: -360.450 ± 230.891 χ^2/NDF : 23.8/21

All: -312.503 ± 166.857 χ^2/NDF : 39.6/40

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 637.801+/-0.324 χ^2/NDF : 24649.7/2

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 593.360+/-0.330 χ^2/NDF : 21346.9/1

Left: 615.994+/-0.231 χ^2/NDF : 55252.8/4

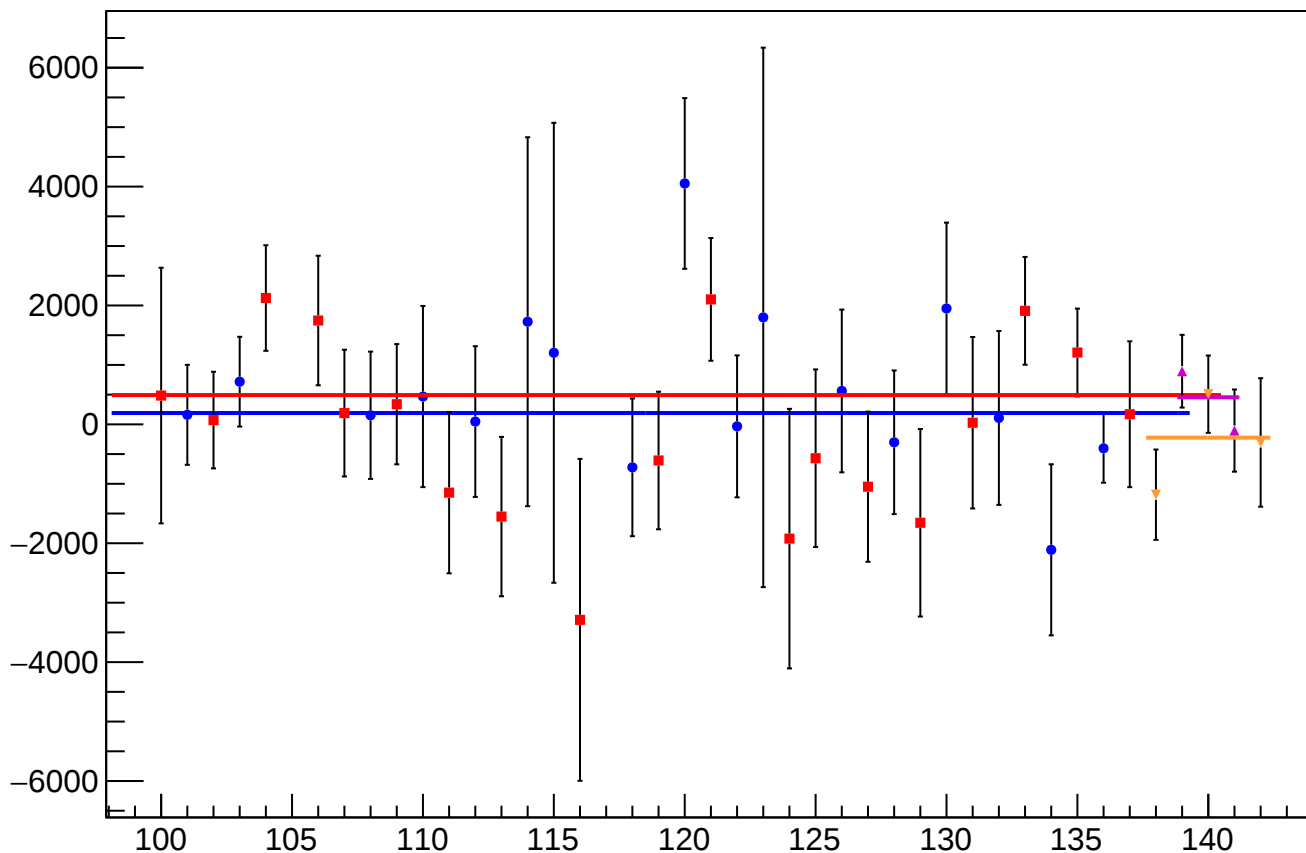
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 680.537+/-0.171 χ^2/NDF : 777425.4/18

Out: 679.703+/-0.163 χ^2/NDF : 722136.5/21

All: 680.102+/-0.118 χ^2/NDF : 1499574.4/40

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -223.951 $\pm$ 449.425 χ^2 /NDF:2.9/2

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 455.557 $\pm$ 458.078 χ^2 /NDF:1.2/1

Left: 109.325 $\pm$ 320.807 χ^2 /NDF: 5.2/4

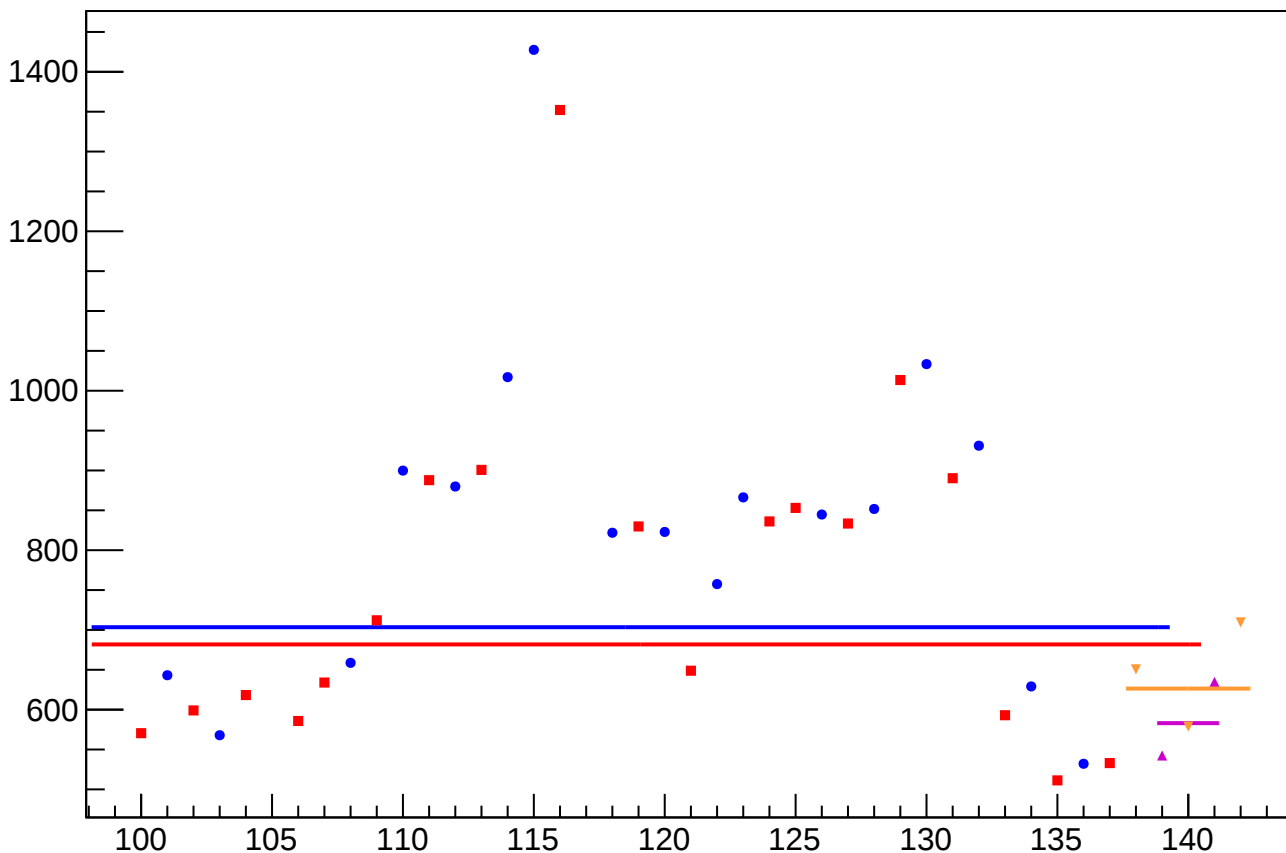
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 262.374 $\pm$ 238.076 χ^2 /NDF:15.6/18

Out: 310.221 $\pm$ 226.764 χ^2 /NDF:27.5/21

All: 287.461 $\pm$ 164.200 χ^2 /NDF: 43.2/40

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 626.432+/-0.318 χ^2/NDF : 24565.1/2

Right Out: 681.807+/-0.186 χ^2/NDF : 664797.9/18

Left In: 583.070+/-0.324 χ^2/NDF : 20007.9/1

Left: 605.164+/-0.227 χ^2/NDF : 53704.4/4

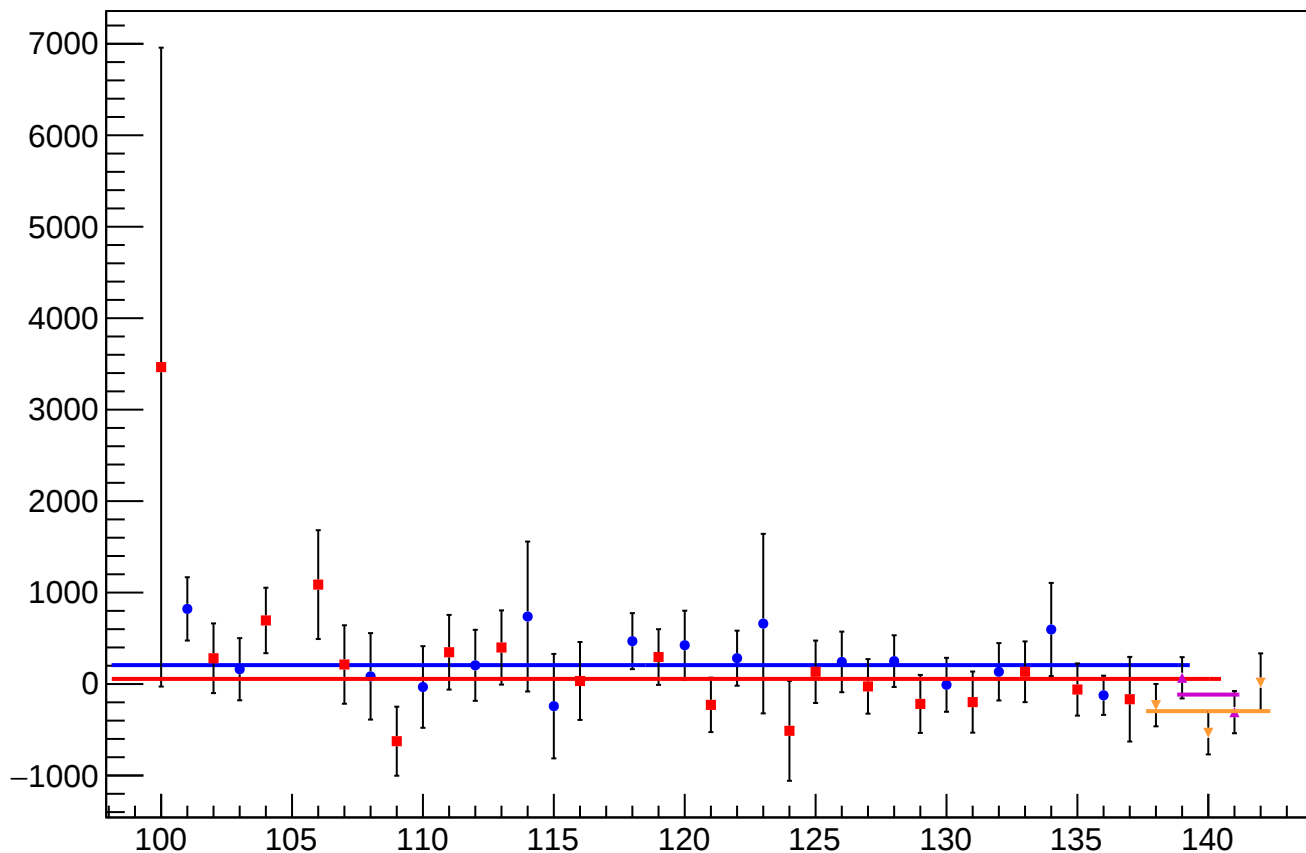
Right: 691.968+/-0.135 χ^2/NDF : 1338046.5/35

In: 670.901+/-0.168 χ^2/NDF : 787632.2/18

Out: 667.709+/-0.160 χ^2/NDF : 711995.9/21

All: 669.227+/-0.116 χ^2/NDF : 1499816.6/40

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2/NDF : 9.5/16

Left Out: -296.342 $\pm$ 146.964 χ^2/NDF : 2.0/2

Right Out: 56.213 $\pm$ 85.167 χ^2/NDF : 16.6/18

Left In: -115.362 $\pm$ 161.275 χ^2/NDF : 1.4/1

Left: -214.237 $\pm$ 108.627 χ^2/NDF : 4.1/4

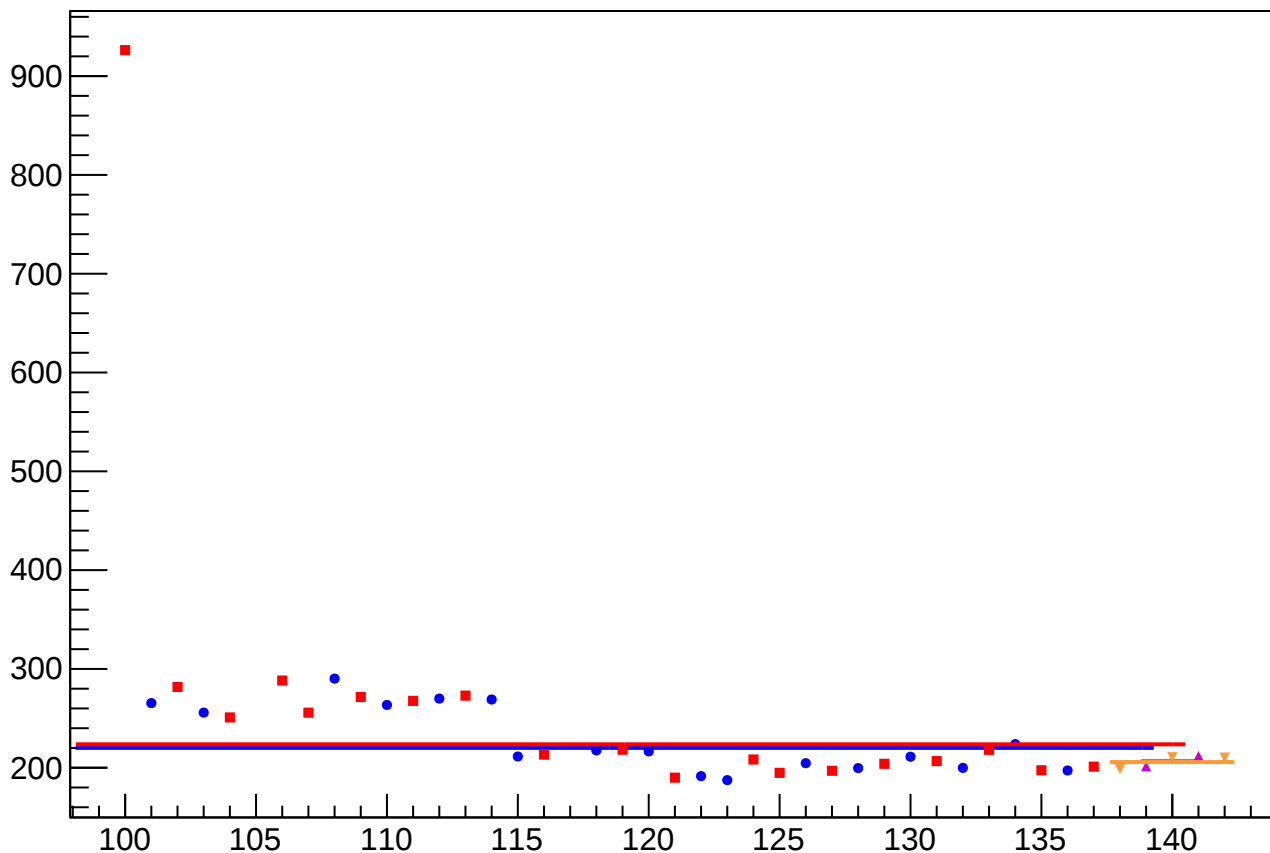
Right: 131.133 $\pm$ 60.386 χ^2/NDF : 27.7/35

In: 136.006 $\pm$ 75.631 χ^2/NDF : 14.0/18

Out: -32.420 $\pm$ 73.688 χ^2/NDF : 23.0/21

All: 49.601 $\pm$ 52.779 χ^2/NDF : 39.5/40

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 205.744+/-0.104 χ^2/NDF : 3176.2/2

Right Out: 223.705+/-0.060 χ^2/NDF : 353242.3/18

Left In: 206.508+/-0.114 χ^2/NDF : 2079.0/1

Left: 206.091+/-0.077 χ^2/NDF : 5279.7/4

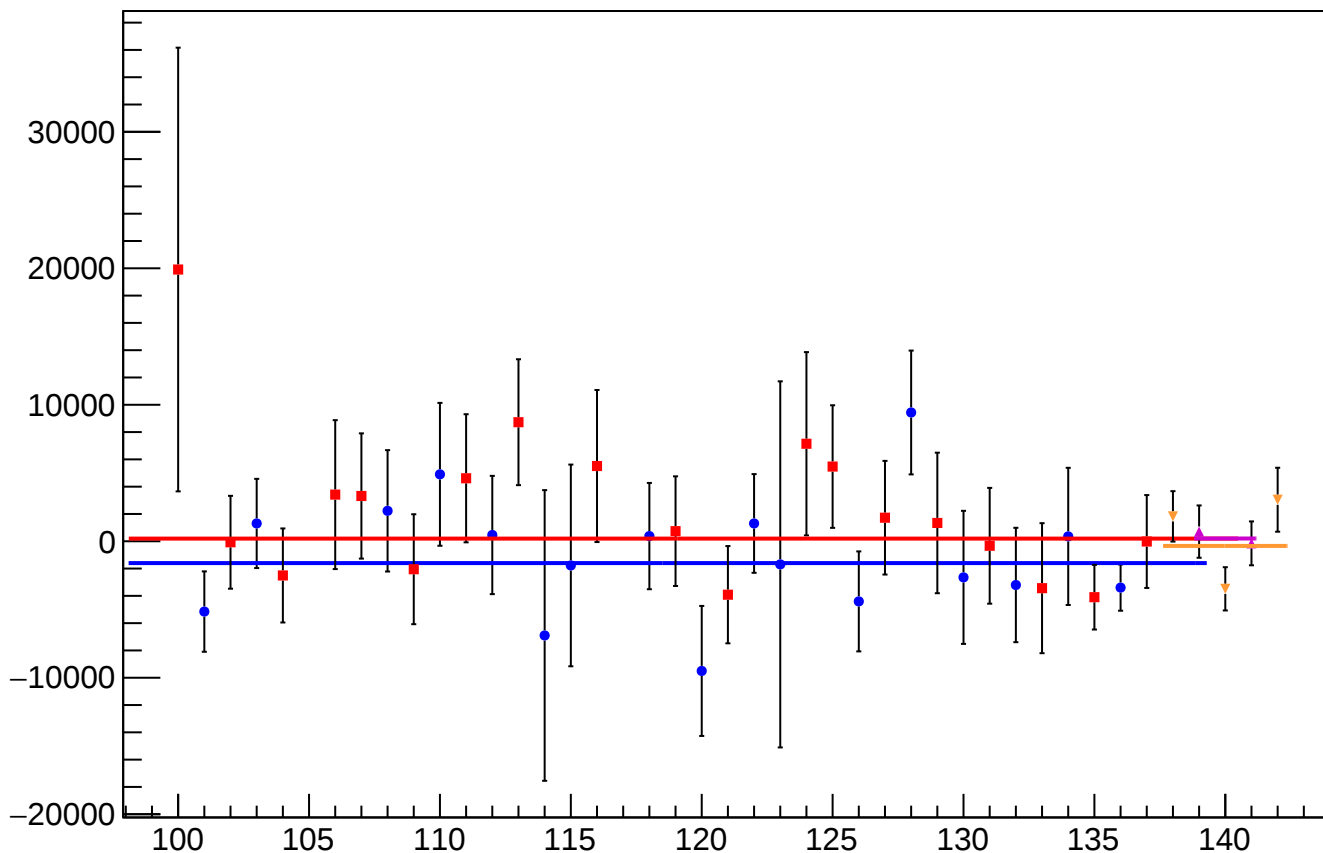
Right: 221.929+/-0.043 χ^2/NDF : 583436.5/35

In: 217.136+/-0.053 χ^2/NDF : 241657.5/18

Out: 219.190+/-0.052 χ^2/NDF : 378781.0/21

All: 218.190+/-0.037 χ^2/NDF : 621195.1/40

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 ± 921.042 χ^2/NDF : 16.6/16

Left Out: -341.854 ± 1069.772 χ^2/NDF : 7.4/2

Right Out: 194.970 ± 947.480 χ^2/NDF : 16.3/18

Left In: 202.096 ± 1231.415 χ^2/NDF : 0.1/1

Left: -107.900 ± 807.588 χ^2/NDF : 7.6/4

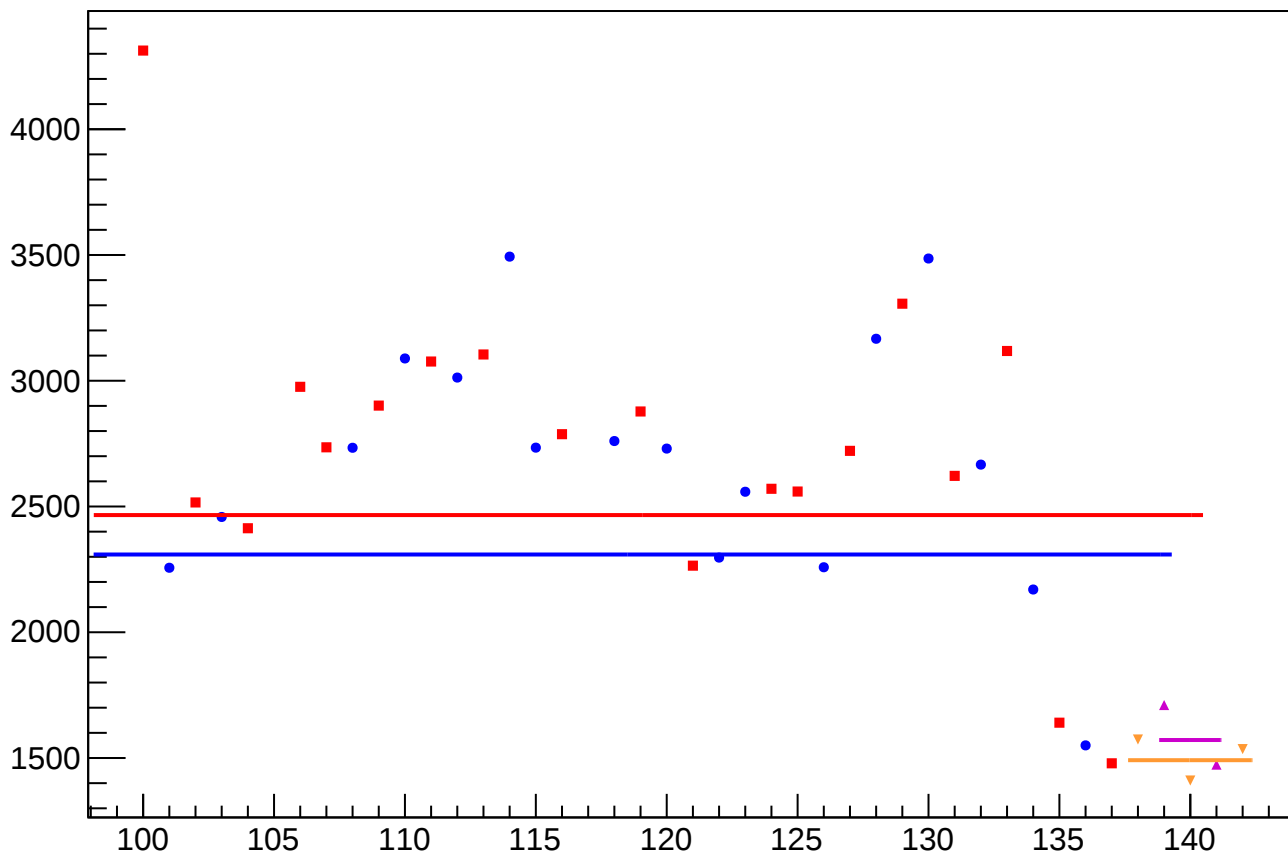
Right: -727.416 ± 660.424 χ^2/NDF : 34.8/35

In: -952.900 ± 737.557 χ^2/NDF : 18.1/18

Out: -41.017 ± 709.283 χ^2/NDF : 23.8/21

All: -479.145 ± 511.242 χ^2/NDF : 42.8/40

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1491.304+/-0.756 χ^2/NDF : 9886.5/2

Right Out: 2465.900+/-0.670 χ^2/NDF : 694086.3/18

Left In: 1571.535+/-0.871 χ^2/NDF : 17953.7/1

Left: 1525.811+/-0.571 χ^2/NDF : 32678.6/4

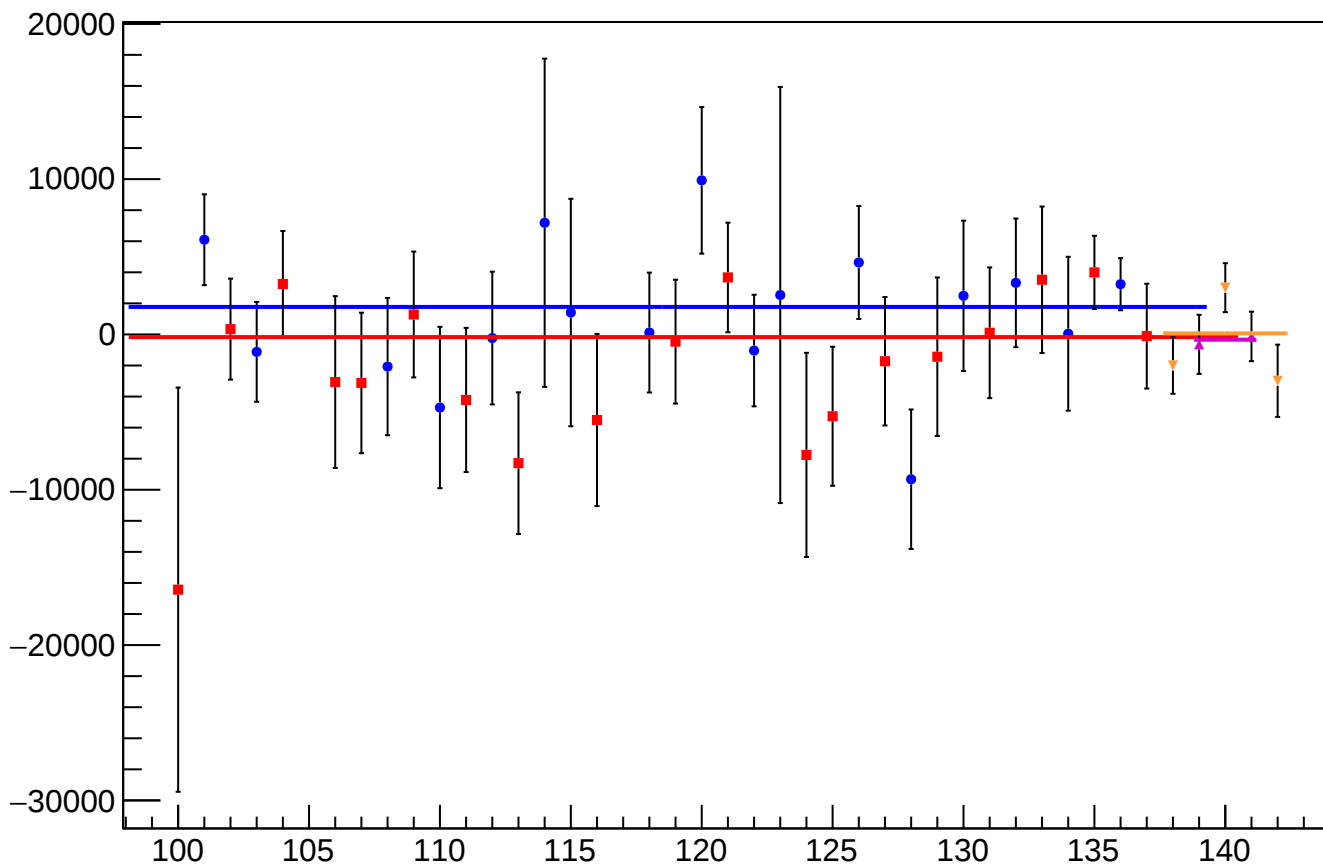
Right: 2385.298+/-0.467 χ^2/NDF : 1522965.3/35

In: 2044.524+/-0.522 χ^2/NDF : 1278824.3/18

Out: 2037.468+/-0.502 χ^2/NDF : 1634213.7/21

All: 2040.858+/-0.362 χ^2/NDF : 2913133.1/40

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 67.956+/-1060.274 χ^2/NDF : 6.5/2

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: -338.883+/-1221.461 χ^2/NDF : 0.0/1

Left: -106.866+/-800.694 χ^2/NDF : 6.6/4

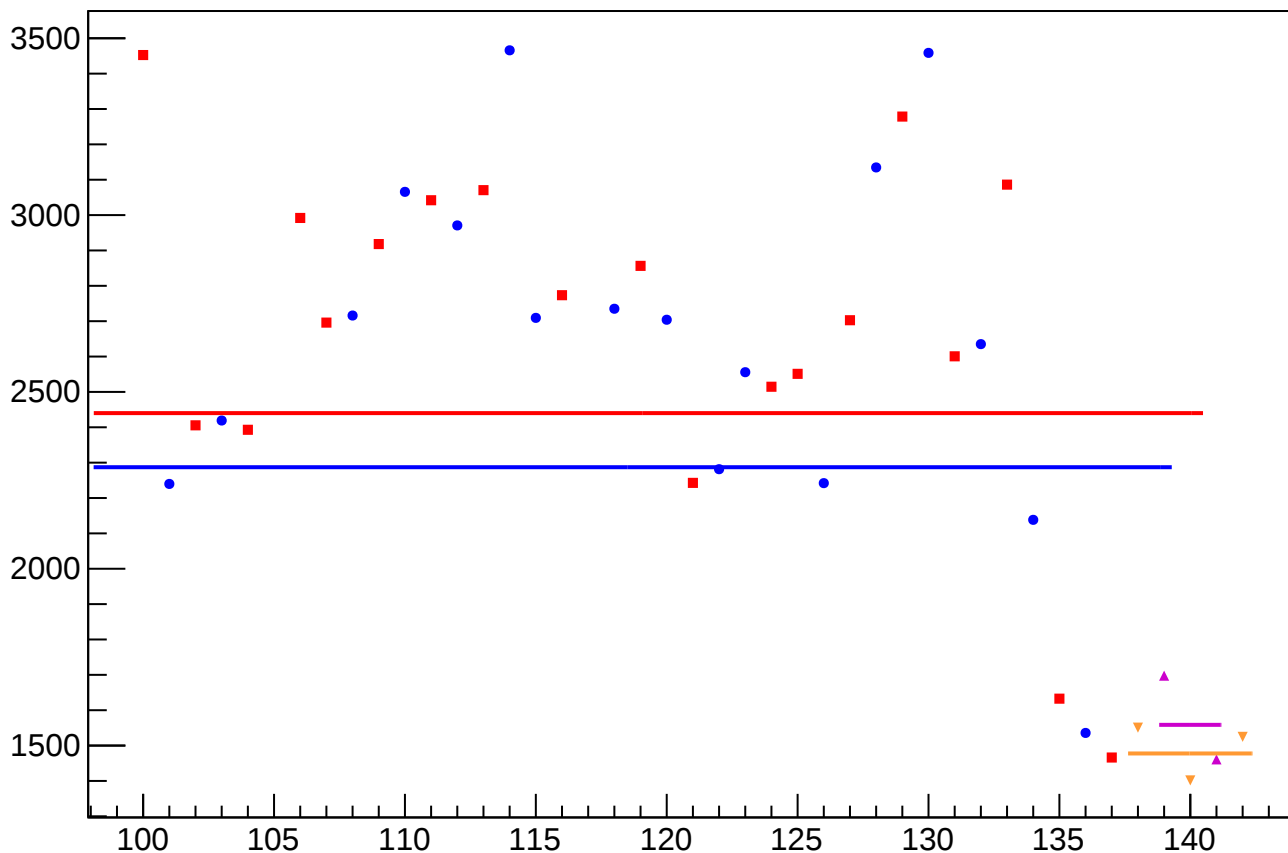
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 1015.624+/-730.943 χ^2/NDF : 19.3/18

Out: -66.108+/-702.290 χ^2/NDF : 22.6/21

All: 453.140+/-506.421 χ^2/NDF : 43.0/40

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1477.678+/-0.750 χ^2/NDF : 8711.9/2

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1558.617+/-0.864 χ^2/NDF : 18196.7/1

Left: 1512.458+/-0.566 χ^2/NDF : 31916.9/4

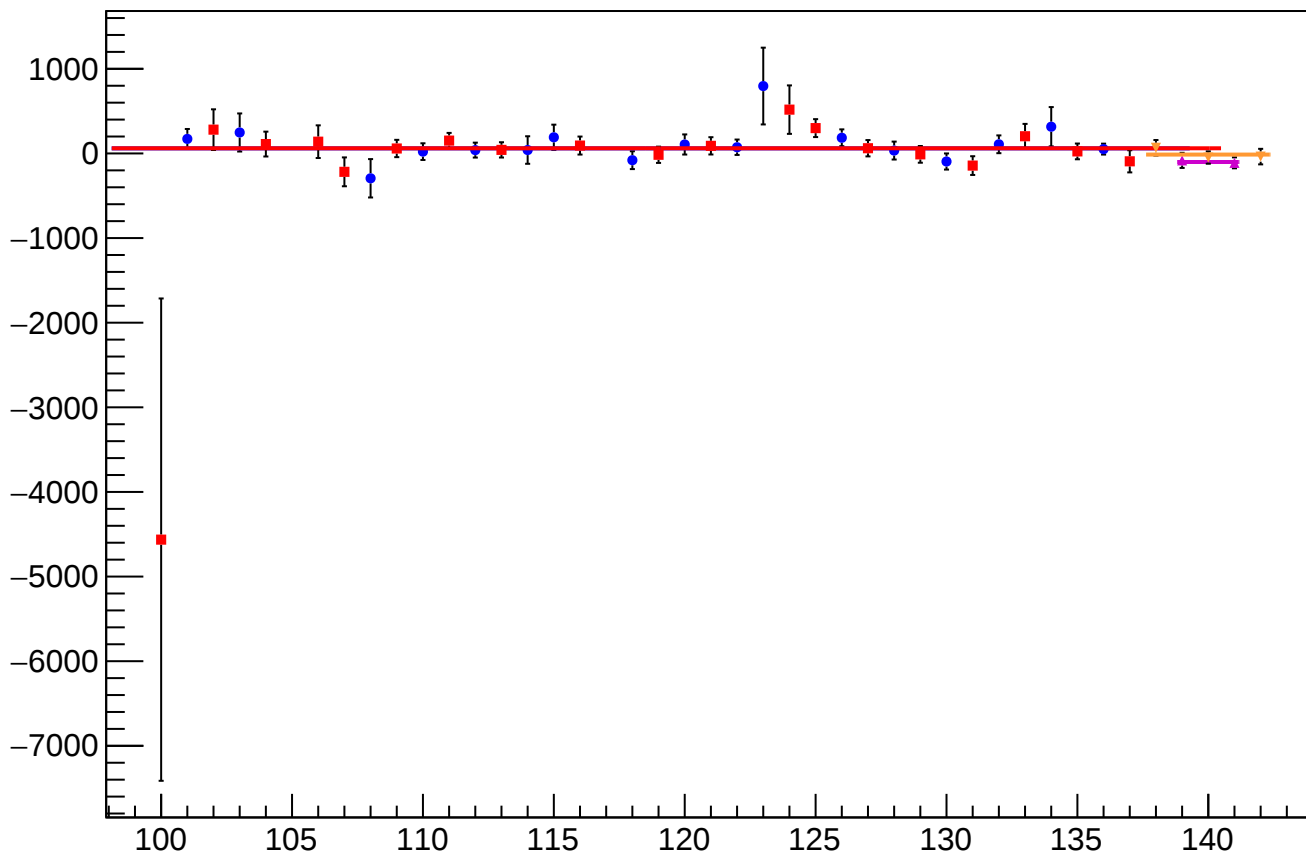
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 2026.229+/-0.517 χ^2/NDF : 1274238.3/18

Out: 1717.839+/-0.497 χ^2/NDF : 1612662.9/21

All: 2021.867+/-0.358 χ^2/NDF : 2887038.2/40

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: -13.367 $\pm$ 48.476 χ^2 /NDF:1.1/2

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -101.132 $\pm$ 52.348 χ^2 /NDF:0.1/1

Left: -53.884 $\pm$ 35.568 χ^2 /NDF: 2.6/4

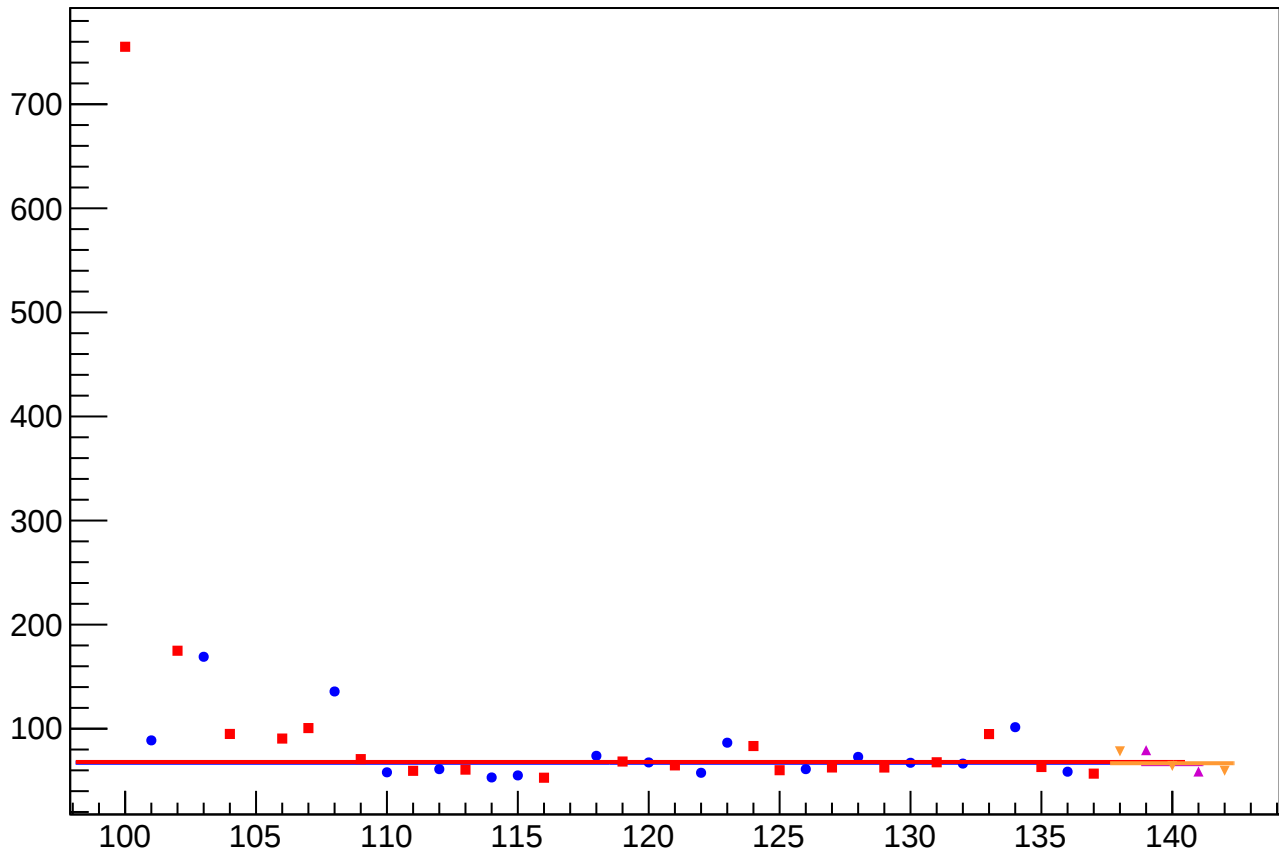
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: 25.713 $\pm$ 24.052 χ^2 /NDF:22.8/18

Out: 43.370 $\pm$ 23.594 χ^2 /NDF:25.2/21

All: 34.711 $\pm$ 16.843 χ^2 /NDF: 48.3/40

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: 66.837 $\pm$ 0.034 χ^2 /NDF: 45871.0/2

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 65.935 $\pm$ 0.037 χ^2 /NDF: 69332.1/1

Left: 66.421 $\pm$ 0.025 χ^2 /NDF: 115522.8/4

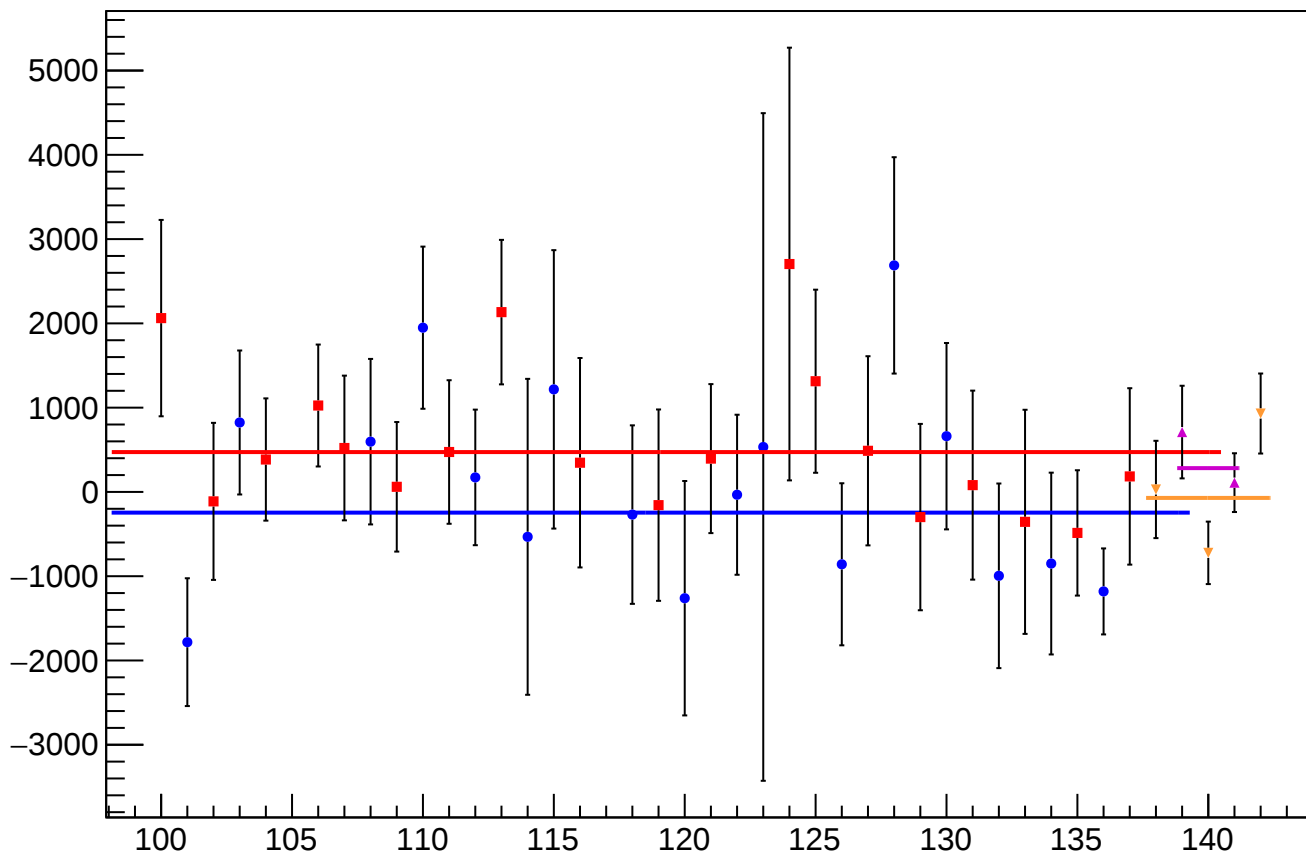
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 67.009 $\pm$ 0.017 χ^2 /NDF: 911752.1/18

Out: 67.770 $\pm$ 0.017 χ^2 /NDF: 917458.4/21

All: 67.397 $\pm$ 0.012 χ^2 /NDF: 1830230.3/40

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -71.061+/-260.666 χ^2/NDF : 7.6/2

Right Out: 472.860+/-218.823 χ^2/NDF : 11.3/18

Left In: 282.391+/-294.423 χ^2/NDF : 0.9/1

Left: 84.249+/-195.167 χ^2/NDF : 9.2/4

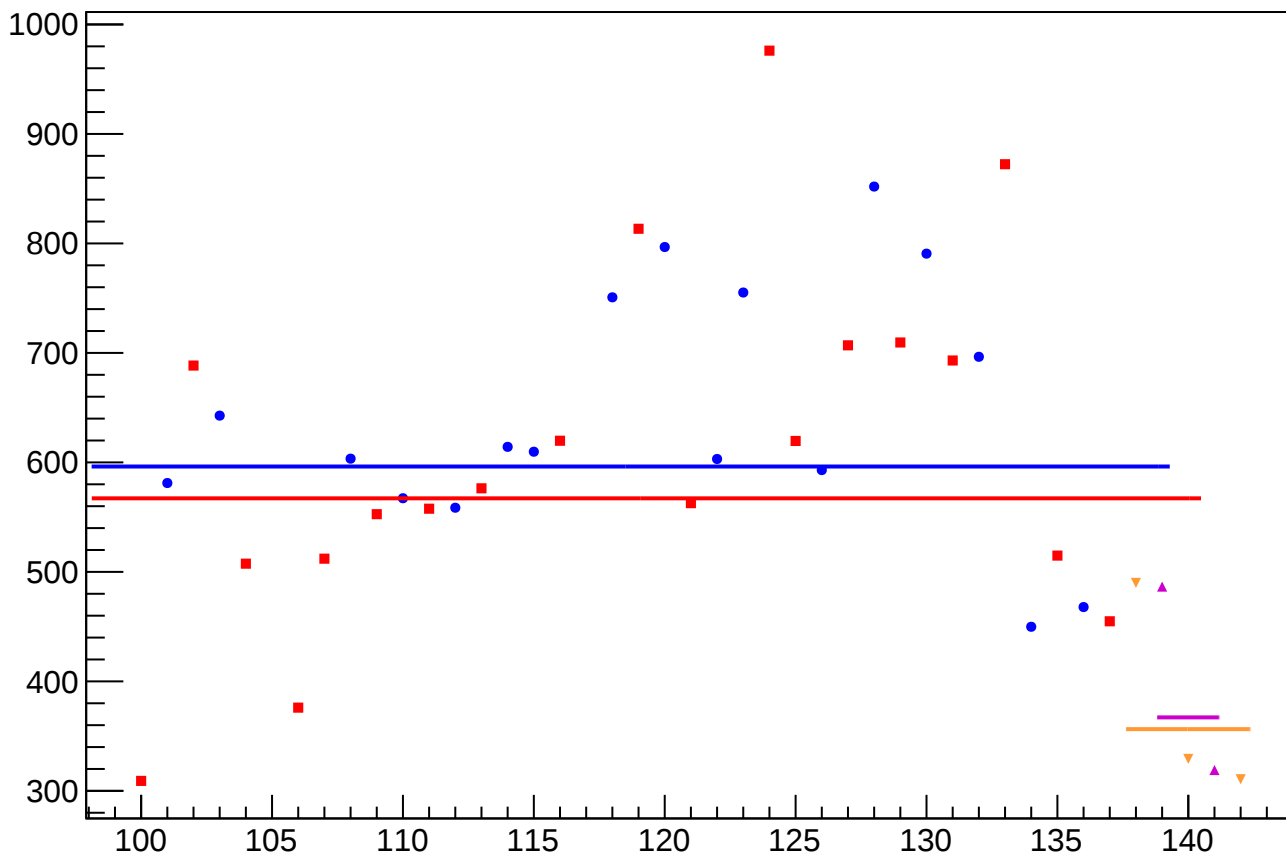
Right: 139.807+/-160.273 χ^2/NDF : 40.1/35

In: -39.717+/-183.861 χ^2/NDF : 26.6/18

Out: 248.006+/-167.597 χ^2/NDF : 21.4/21

All: 117.430+/-123.860 χ^2/NDF : 49.3/40

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2/NDF : 422153.3/16

Left Out: 356.375 $\pm$ 0.184 χ^2/NDF : 136397.5/2

Right Out: 567.177 $\pm$ 0.155 χ^2/NDF : 675391.6/18

Left In: 367.101 $\pm$ 0.208 χ^2/NDF : 132515.7/1

Left: 361.088 $\pm$ 0.138 χ^2/NDF : 270401.3/4

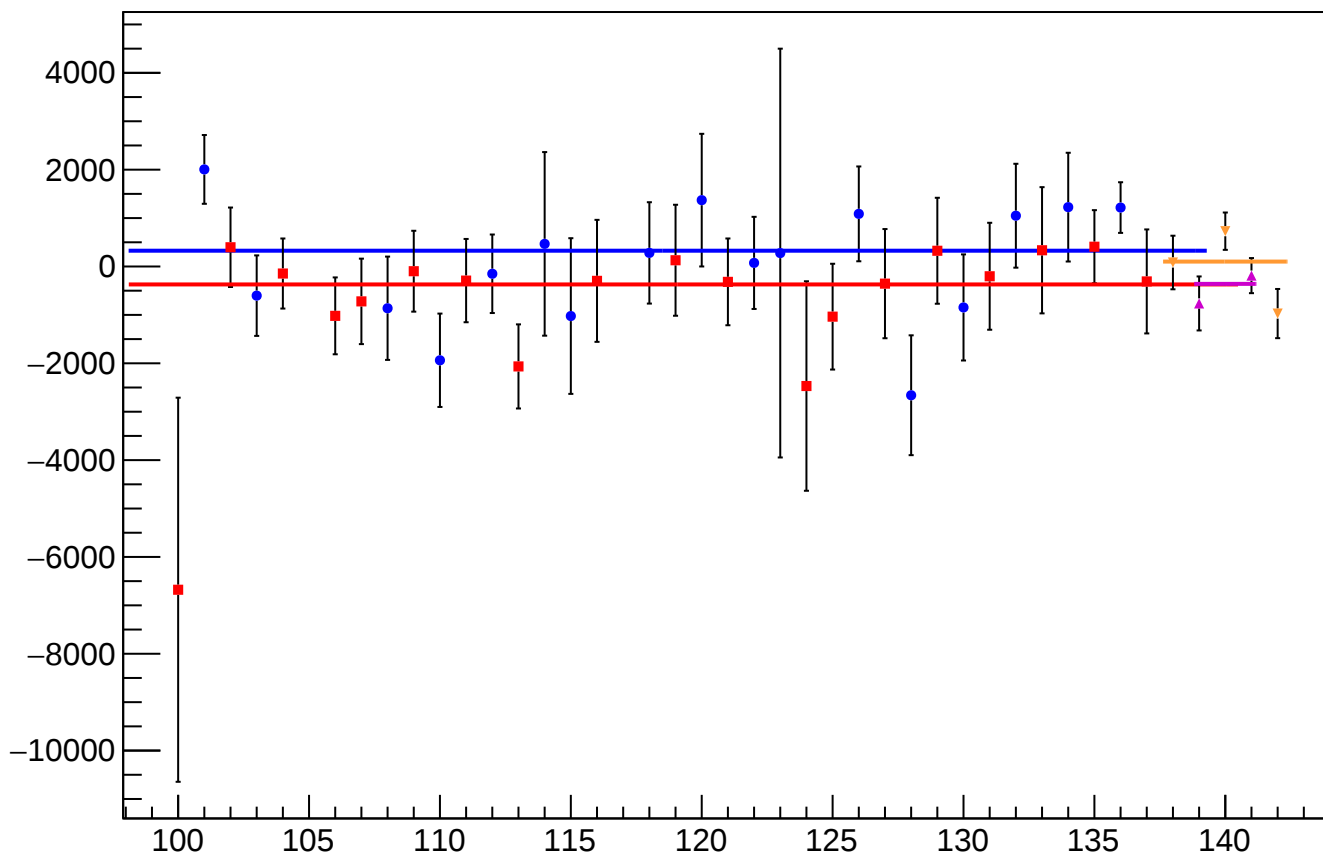
Right: 580.651 $\pm$ 0.113 χ^2/NDF : 1113905.5/35

In: 506.886 $\pm$ 0.130 χ^2/NDF : 1293684.7/18

Out: 480.032 $\pm$ 0.119 χ^2/NDF : 1579073.3/21

All: 492.219 $\pm$ 0.088 χ^2/NDF : 2896059.5/40

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 101.454 $\pm$ 268.574 χ^2 /NDF:7.1/2

Right Out: -370.721 $\pm$ 224.892 χ^2 /NDF: 11.5/18

Left In: -359.246 $\pm$ 303.878 χ^2 /NDF:0.7/1

Left: -100.591 $\pm$ 201.240 χ^2 /NDF: 9.2/4

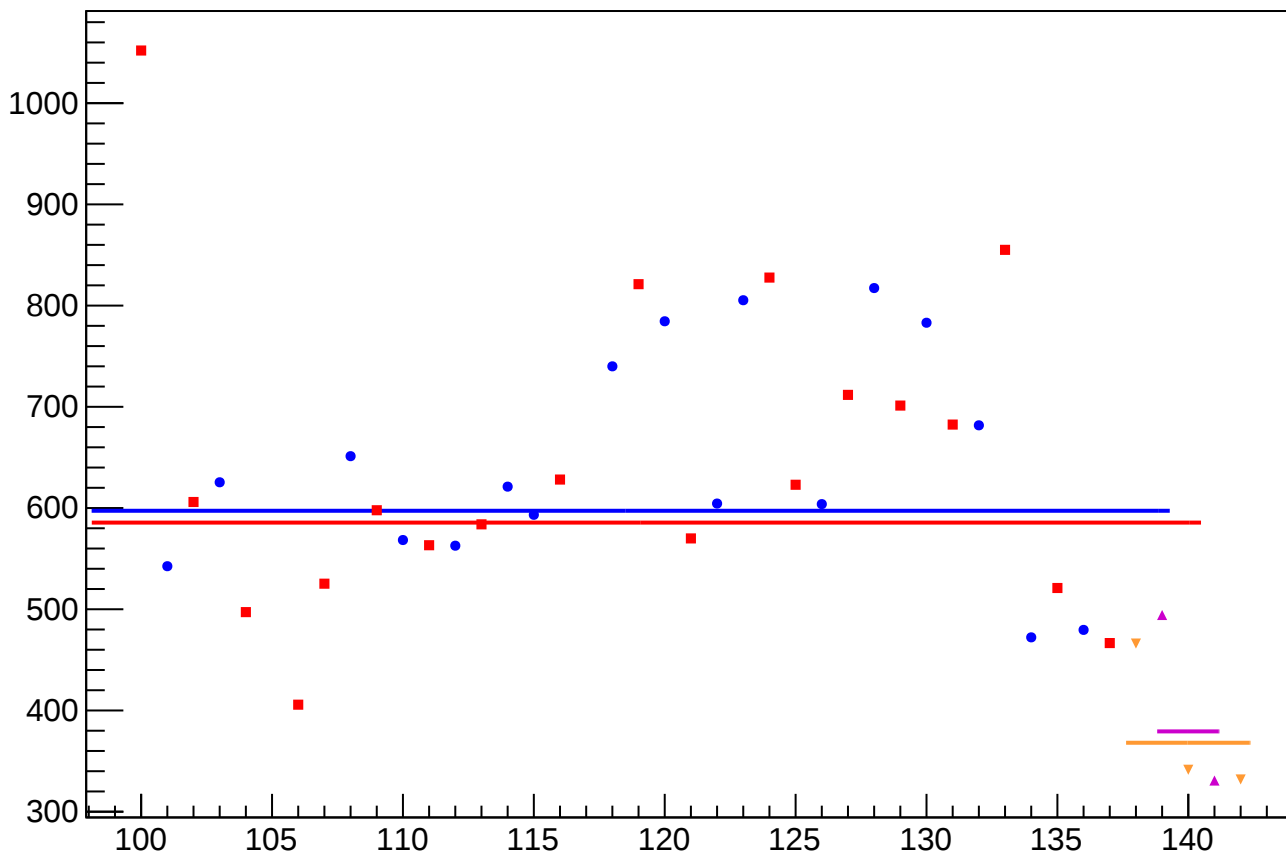
Right: -38.515 $\pm$ 162.676 χ^2 /NDF: 43.0/35

In: 68.785 $\pm$ 186.193 χ^2 /NDF:30.8/18

Out: -176.105 $\pm$ 172.425 χ^2 /NDF:20.5/21

All: -63.048 $\pm$ 126.511 χ^2 /NDF: 52.2/40

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 368.115 $\pm$ 0.190 χ^2 /NDF:82454.9/2

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 379.331 $\pm$ 0.215 χ^2 /NDF:120931.7/1

Left: 373.034 $\pm$ 0.142 χ^2 /NDF: 204916.2/4

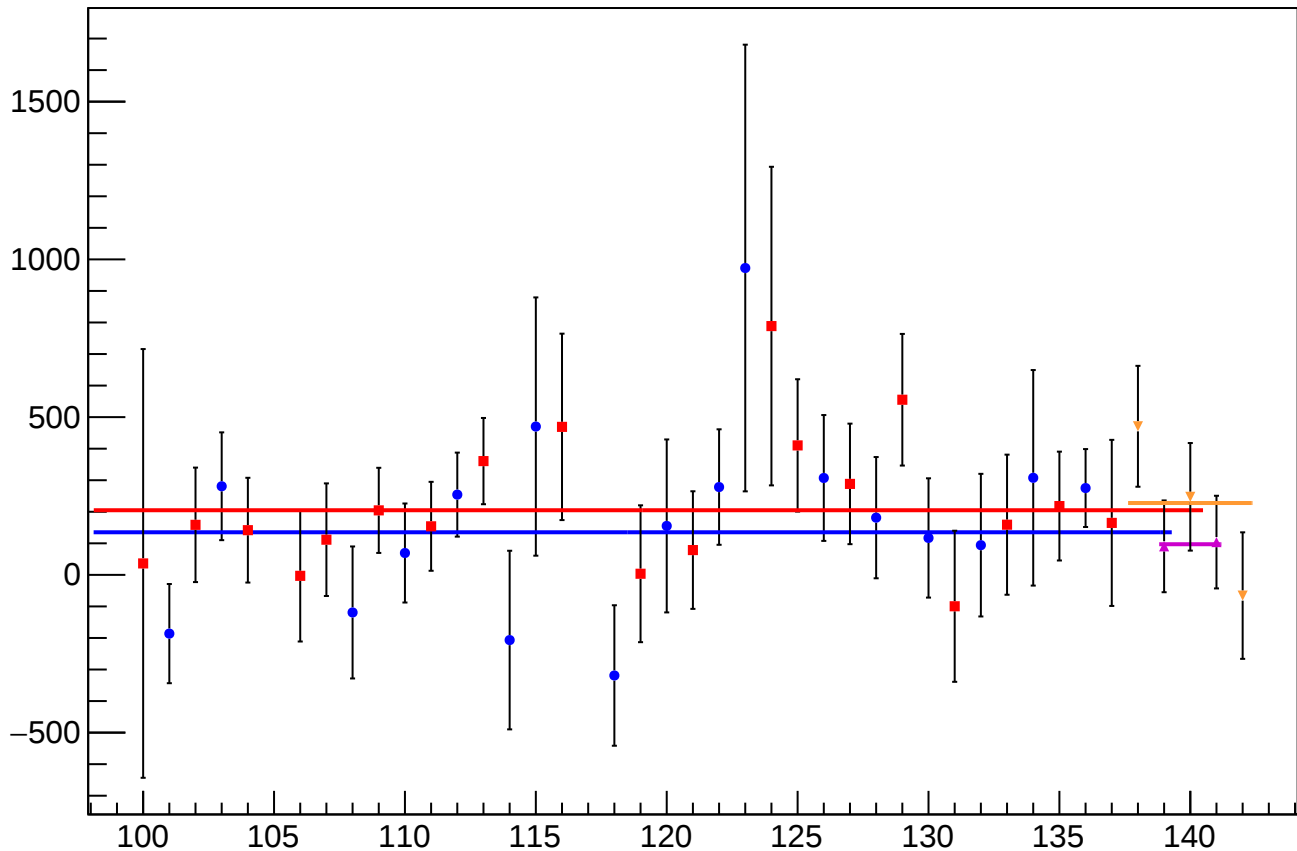
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 515.466 $\pm$ 0.132 χ^2 /NDF:1127270.6/18

Out: 495.969 $\pm$ 0.122 χ^2 /NDF:1328104.2/21

All: 504.970 $\pm$ 0.089 χ^2 /NDF: 2467181.2/40

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: 227.785 $\pm$ 107.515 χ^2 /NDF:3.8/2

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 97.124 $\pm$ 103.355 χ^2 /NDF:0.0/1

Left: 159.878 $\pm$ 74.510 χ^2 /NDF: 4.5/4

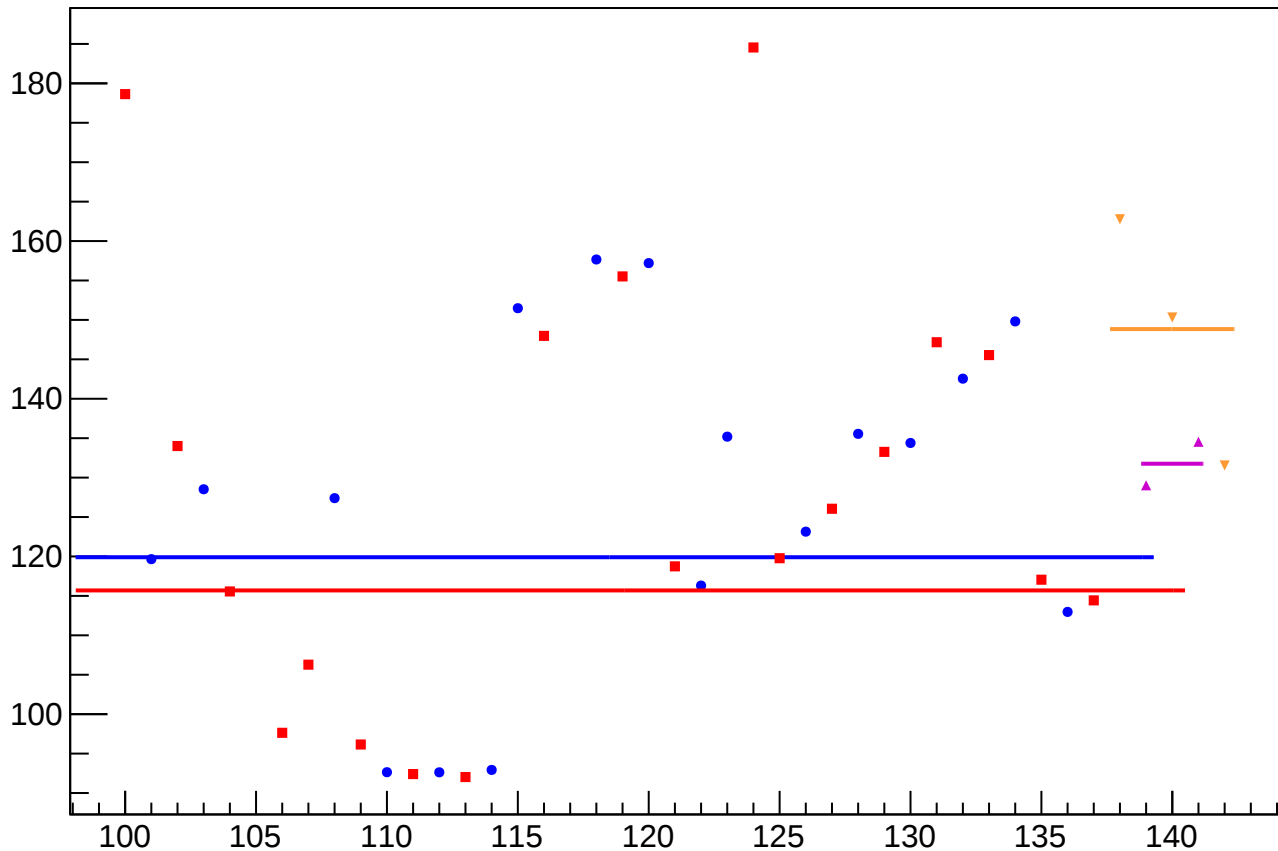
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 128.528 $\pm$ 42.803 χ^2 /NDF:18.2/18

Out: 208.210 $\pm$ 41.070 χ^2 /NDF:15.9/21

All: 170.014 $\pm$ 29.634 χ^2 /NDF: 35.9/40

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 148.837 $\pm$ 0.076 χ^2 /NDF:25597.6/2

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 131.759 $\pm$ 0.073 χ^2 /NDF:1425.8/1

Left: 139.961 $\pm$ 0.053 χ^2 /NDF: 53249.2/4

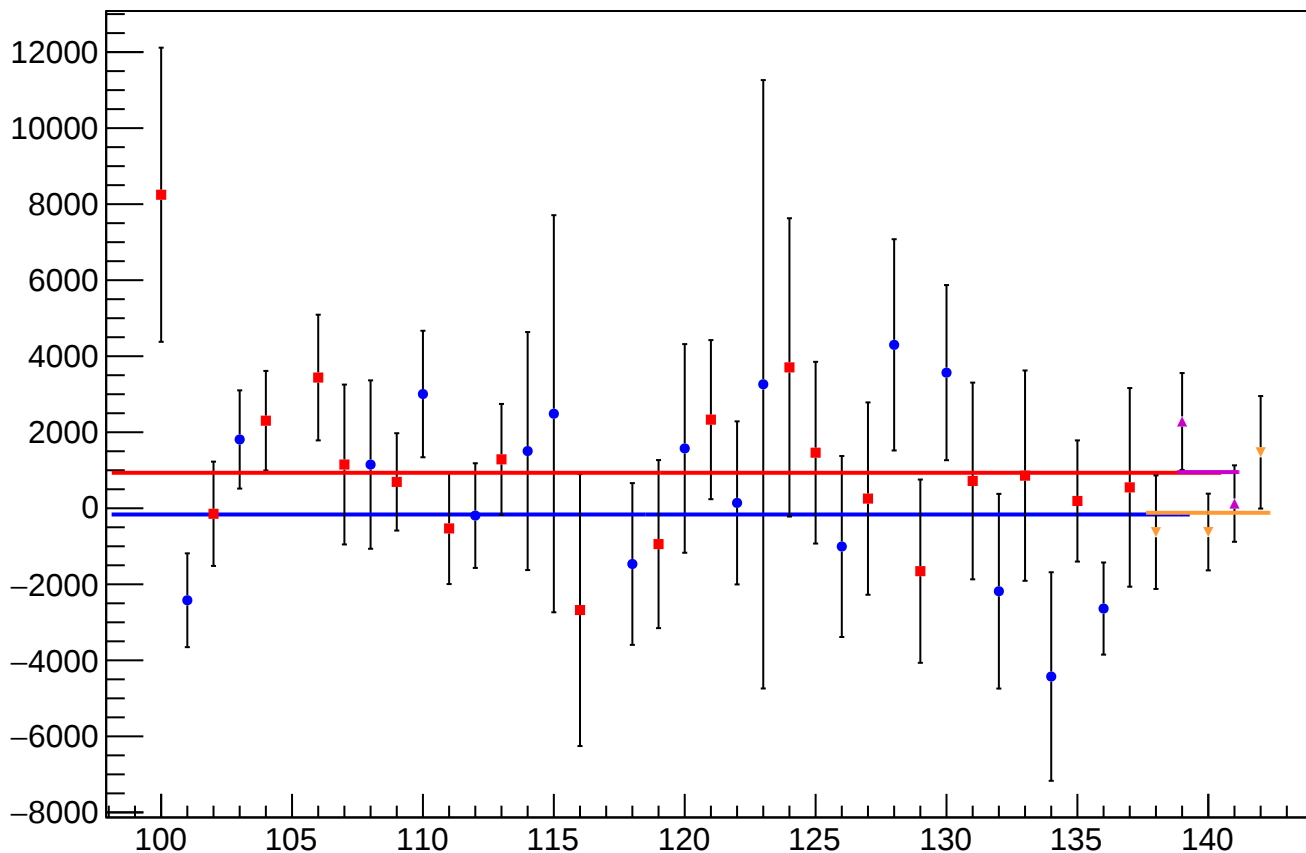
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 121.937 $\pm$ 0.030 χ^2 /NDF:368739.5/18

Out: 120.529 $\pm$ 0.029 χ^2 /NDF:623269.1/21

All: 121.204 $\pm$ 0.021 χ^2 /NDF: 993135.1/40

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -118.424+/-727.825 χ^2/NDF : 1.5/2

Right Out: 933.992+/-437.648 χ^2/NDF : 12.9/18

Left In: 952.049+/-789.354 χ^2/NDF : 1.8/1

Left: 373.471+/-535.082 χ^2/NDF : 4.3/4

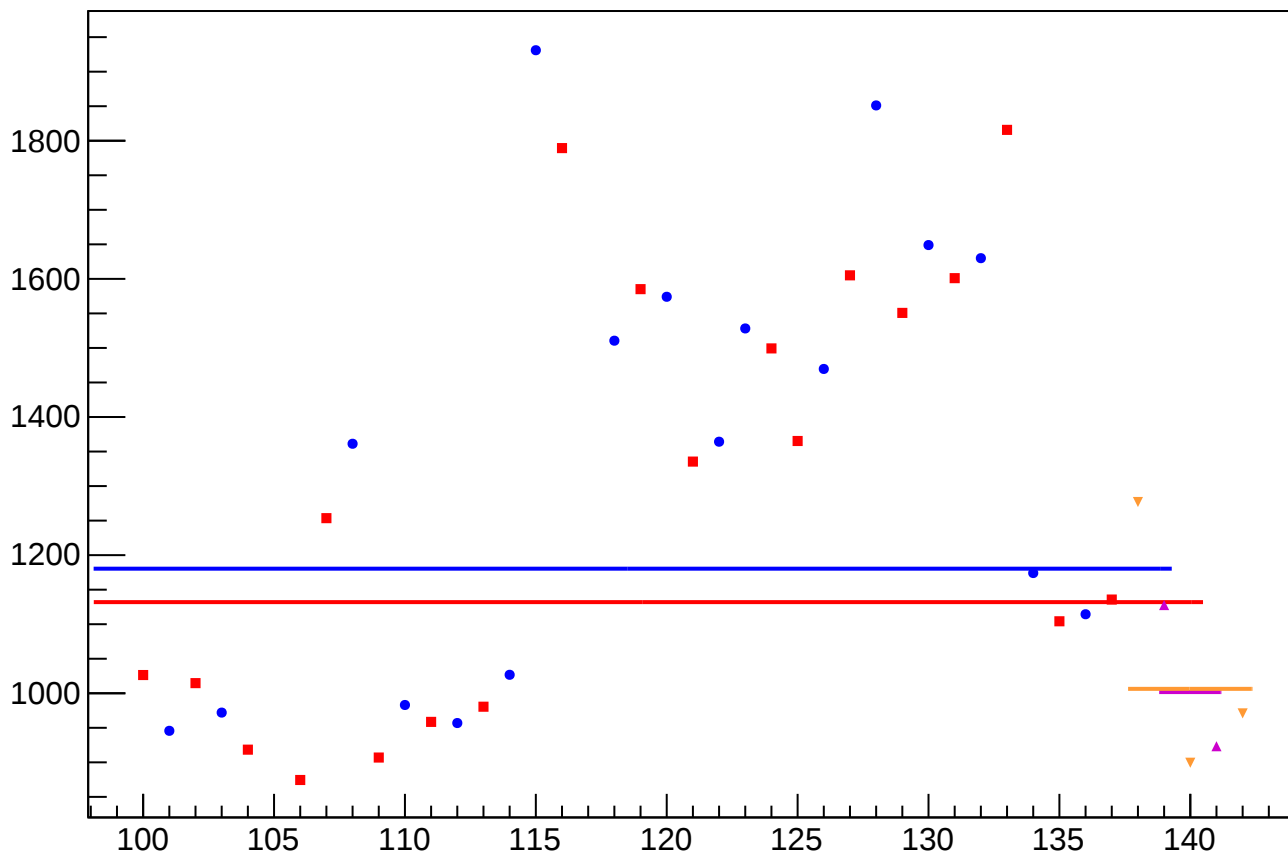
Right: 423.822+/-320.162 χ^2/NDF : 39.5/35

In: 128.077+/-403.576 χ^2/NDF : 27.0/18

Out: 654.517+/-375.063 χ^2/NDF : 16.0/21

All: 410.548+/-274.737 χ^2/NDF : 43.8/40

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: 1006.410 $\pm$ 0.515 χ^2/NDF : 89283.3/2

Right Out: 1131.979 $\pm$ 0.309 χ^2/NDF : 761904.0/18

Left In: 1001.738 $\pm$ 0.558 χ^2/NDF : 31709.4/1

Left: 1004.263 $\pm$ 0.378 χ^2/NDF : 121030.6/4

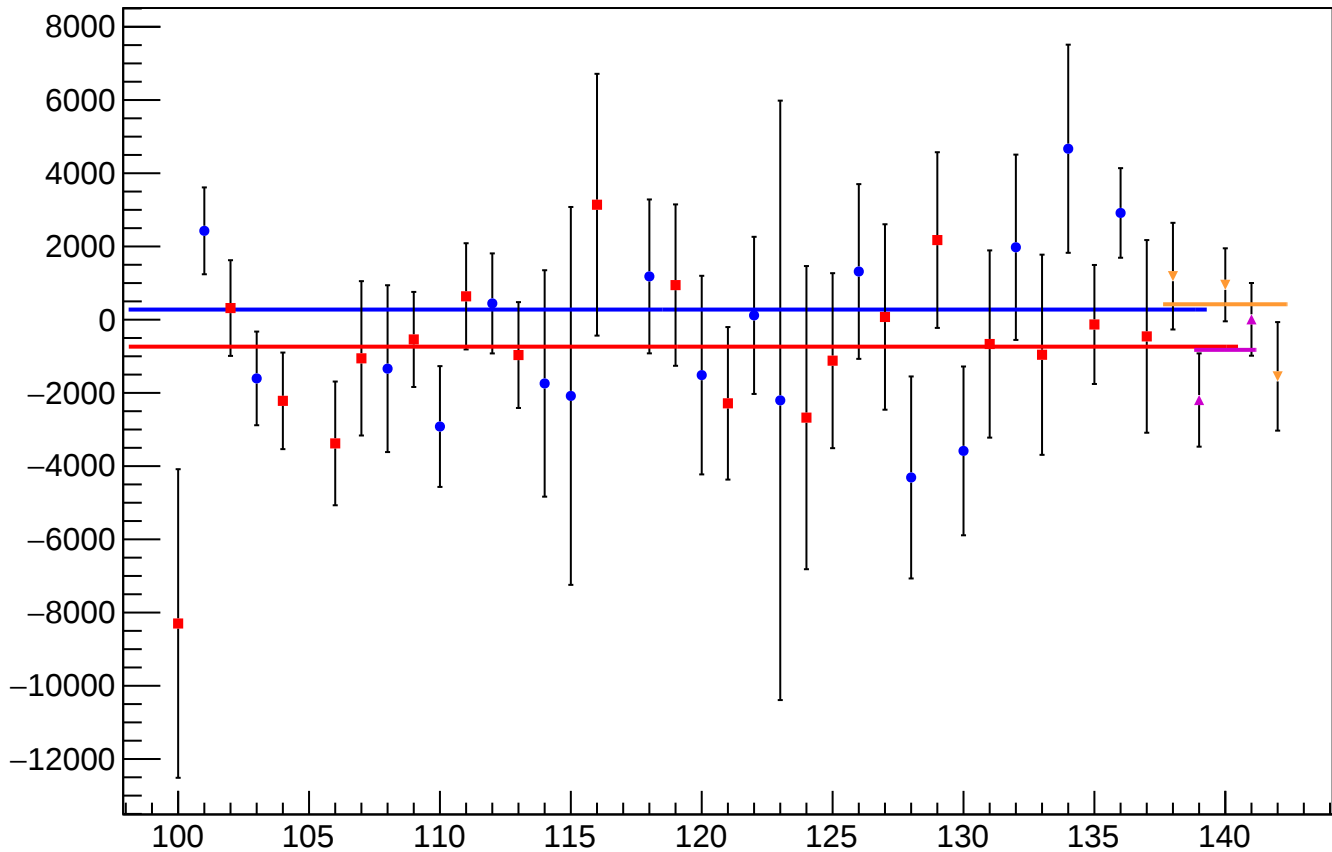
Right: 1154.488 $\pm$ 0.226 χ^2/NDF : 1442131.1/35

In: 1133.700 $\pm$ 0.285 χ^2/NDF : 776233.5/18

Out: 1098.633 $\pm$ 0.265 χ^2/NDF : 894909.2/21

All: 1114.884 $\pm$ 0.194 χ^2/NDF : 1679244.8/40

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 421.227+/-719.433 χ^2/NDF : 2.3/2

Right Out: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: -824.121+/-783.204 χ^2/NDF : 1.9/1

Left: -148.690+/-529.829 χ^2/NDF : 5.6/4

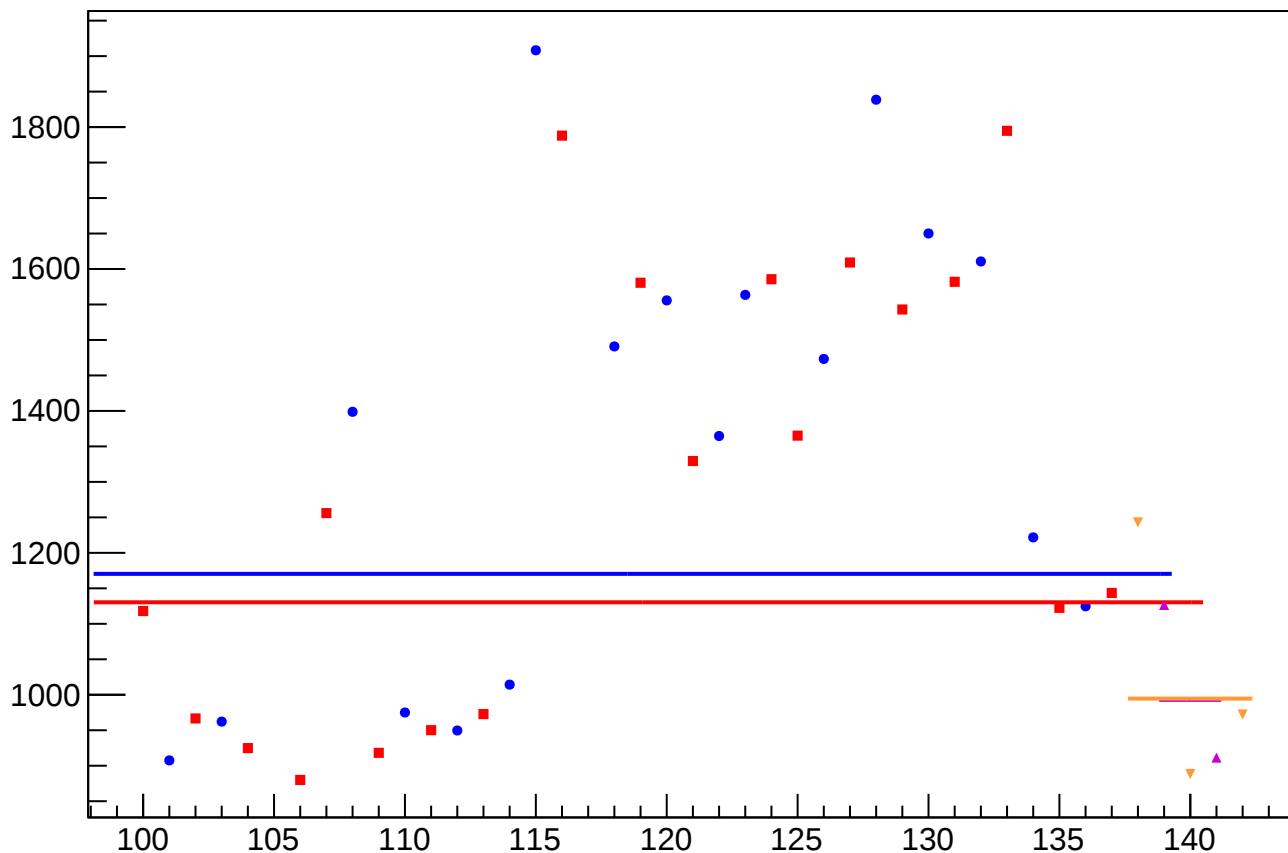
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: -11.709+/-400.743 χ^2/NDF : 27.6/18

Out: -424.184+/-373.776 χ^2/NDF : 17.0/21

All: -232.291+/-273.336 χ^2/NDF : 45.2/40

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404+/-0.330 χ^2/NDF : 705486.8/16

Left Out: 994.611+/-0.509 χ^2/NDF : 81281.4/2

Right Out: 1130.322+/-0.309 χ^2/NDF : 763044.5/18

Left In: 992.790+/-0.554 χ^2/NDF : 35496.0/1

Left: 993.778+/-0.375 χ^2/NDF : 116783.3/4

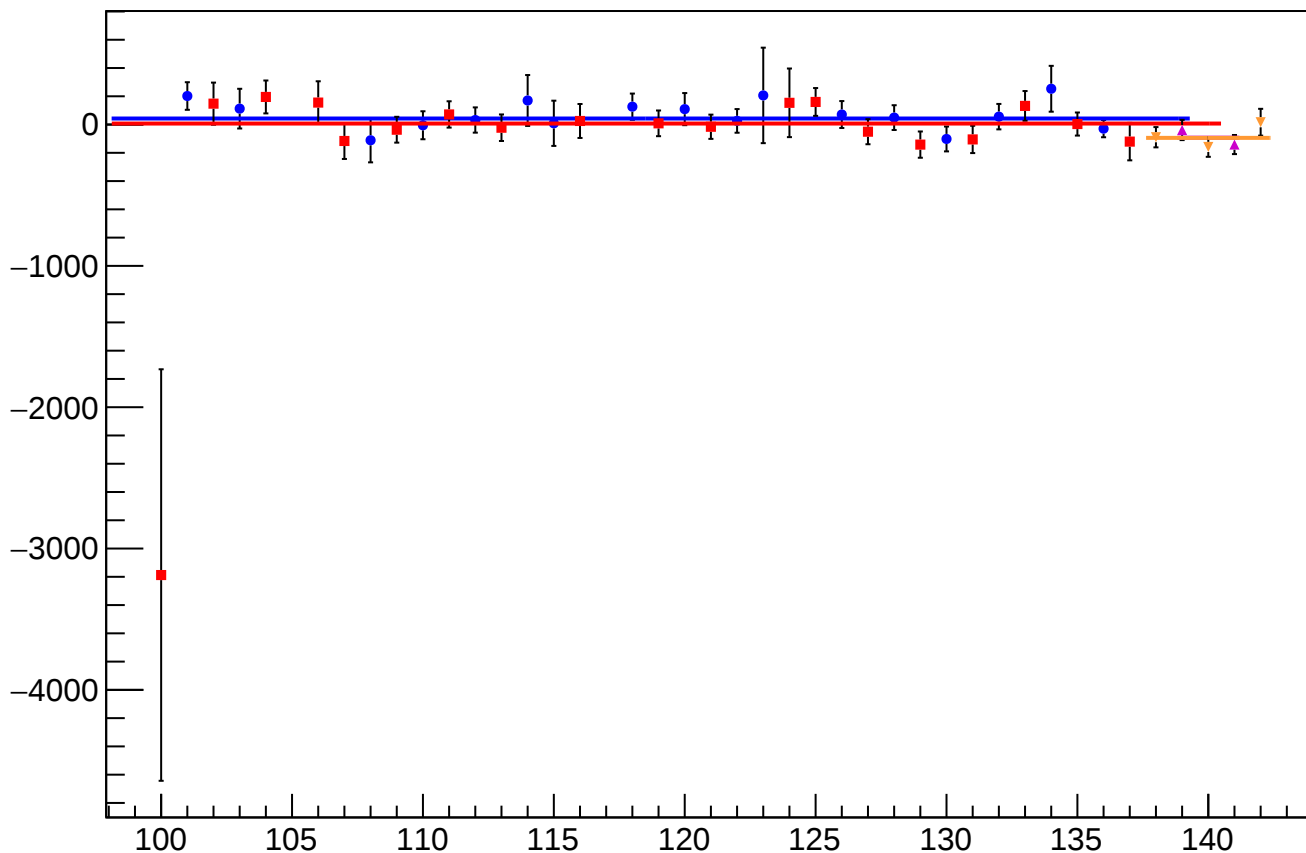
Right: 1149.080+/-0.226 χ^2/NDF : 1476389.1/35

In: 1123.904+/-0.283 χ^2/NDF : 816911.2/18

Out: 1093.691+/-0.264 χ^2/NDF : 896283.2/21

All: 1107.746+/-0.193 χ^2/NDF : 1719273.7/40

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674+/-24.701 χ^2/NDF : 12.0/16

Left Out: -94.298+/-44.234 χ^2/NDF : 2.2/2

Right Out: 7.090+/-24.489 χ^2/NDF : 20.6/18

Left In: -92.936+/-49.145 χ^2/NDF : 1.1/1

Left: -93.689+/-32.878 χ^2/NDF : 3.3/4

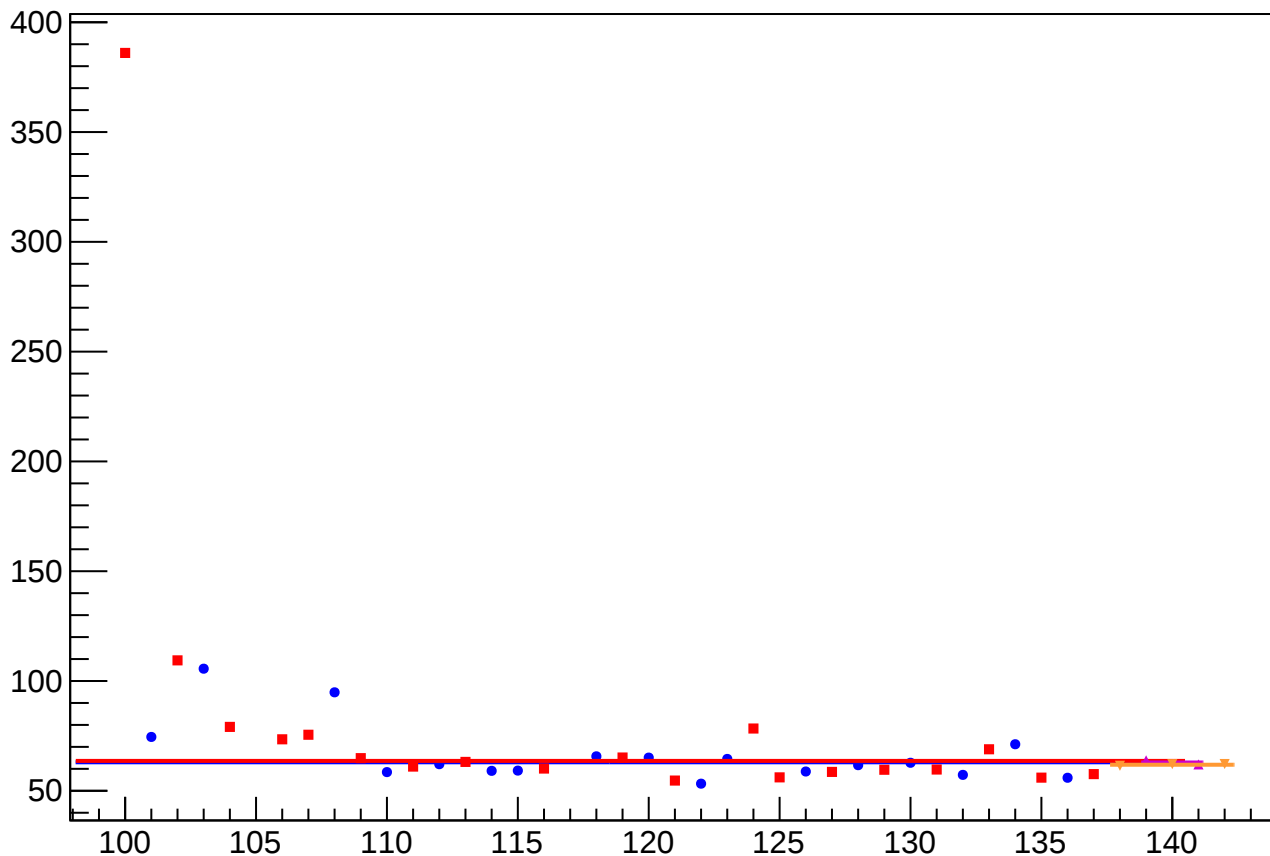
Right: 24.729+/-17.391 χ^2/NDF : 33.6/35

In: 15.325+/-22.070 χ^2/NDF : 19.2/18

Out: -16.694+/-21.425 χ^2/NDF : 26.8/21

All: -1.160+/-15.373 χ^2/NDF : 47.1/40

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.865 $\pm$ 0.031 χ^2 /NDF:140.8/2

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.893 $\pm$ 0.035 χ^2 /NDF:717.1/1

Left: 62.325 $\pm$ 0.023 χ^2 /NDF: 1341.2/4

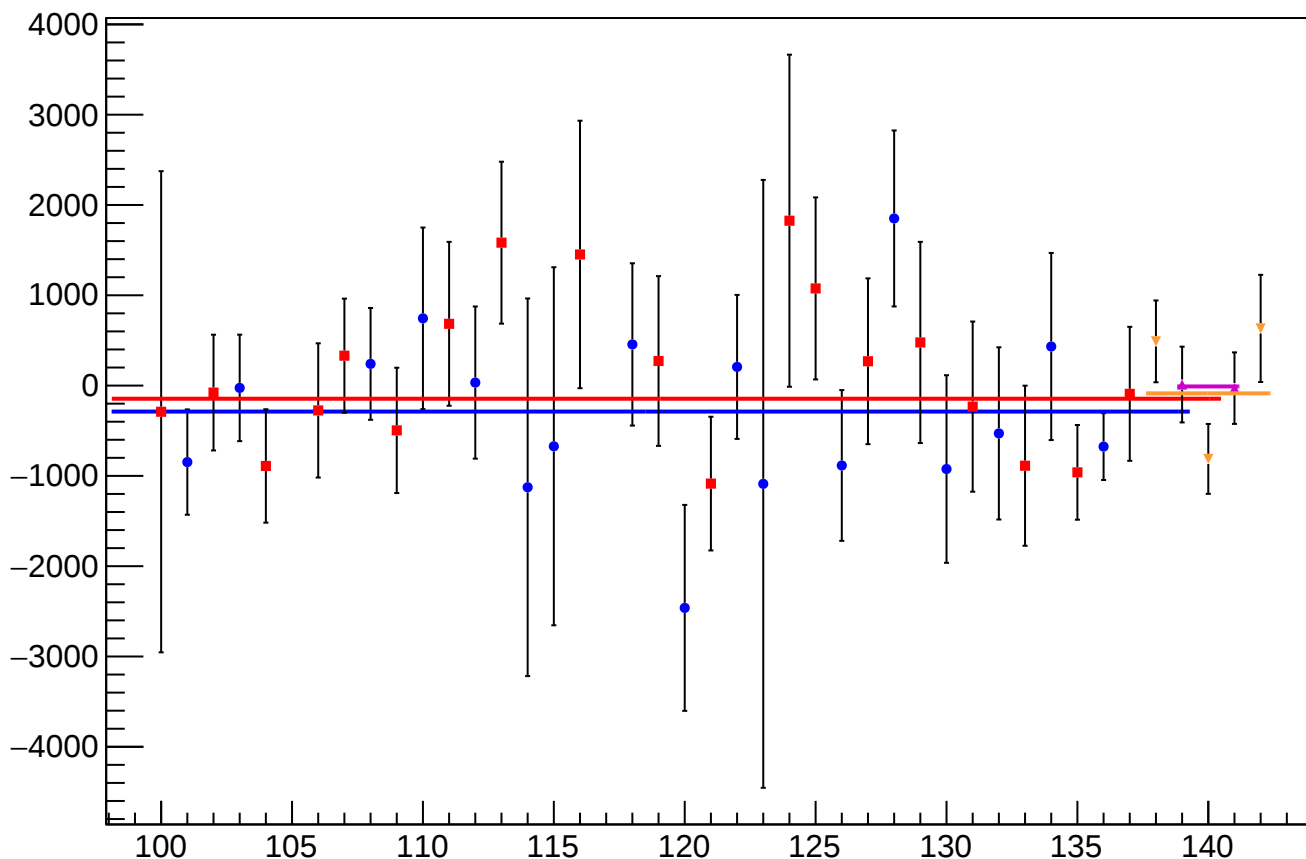
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.963 $\pm$ 0.016 χ^2 /NDF:375985.5/18

Out: 63.203 $\pm$ 0.015 χ^2 /NDF:436080.5/21

All: 63.087 $\pm$ 0.011 χ^2 /NDF: 812188.5/40

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682+/-189.888 χ^2/NDF : 15.4/16

Left Out: -85.846+/-263.602 χ^2/NDF : 6.6/2

Right Out: -145.341+/-187.312 χ^2/NDF : 16.1/18

Left In: -9.541+/-287.943 χ^2/NDF : 0.0/1

Left: -51.054+/-194.431 χ^2/NDF : 6.6/4

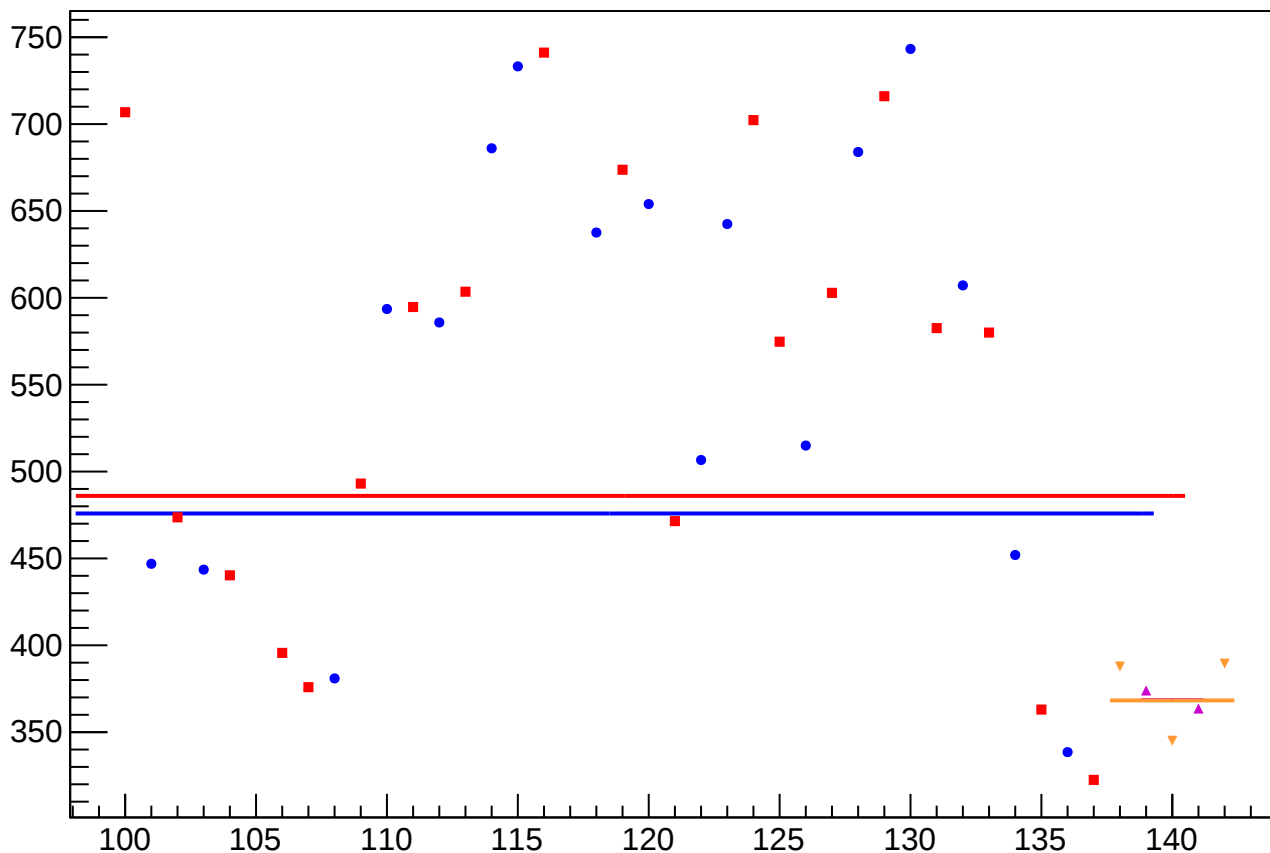
Right: -215.540+/-133.351 χ^2/NDF : 31.7/35

In: -203.382+/-158.521 χ^2/NDF : 16.0/18

Out: -125.379+/-152.689 χ^2/NDF : 22.7/21

All: -162.919+/-109.971 χ^2/NDF : 38.8/40

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 368.273+/-0.186 χ^2/NDF :13469.8/2

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 368.522+/-0.204 χ^2/NDF :649.2/1

Left: 368.386+/-0.137 χ^2/NDF : 14119.8/4

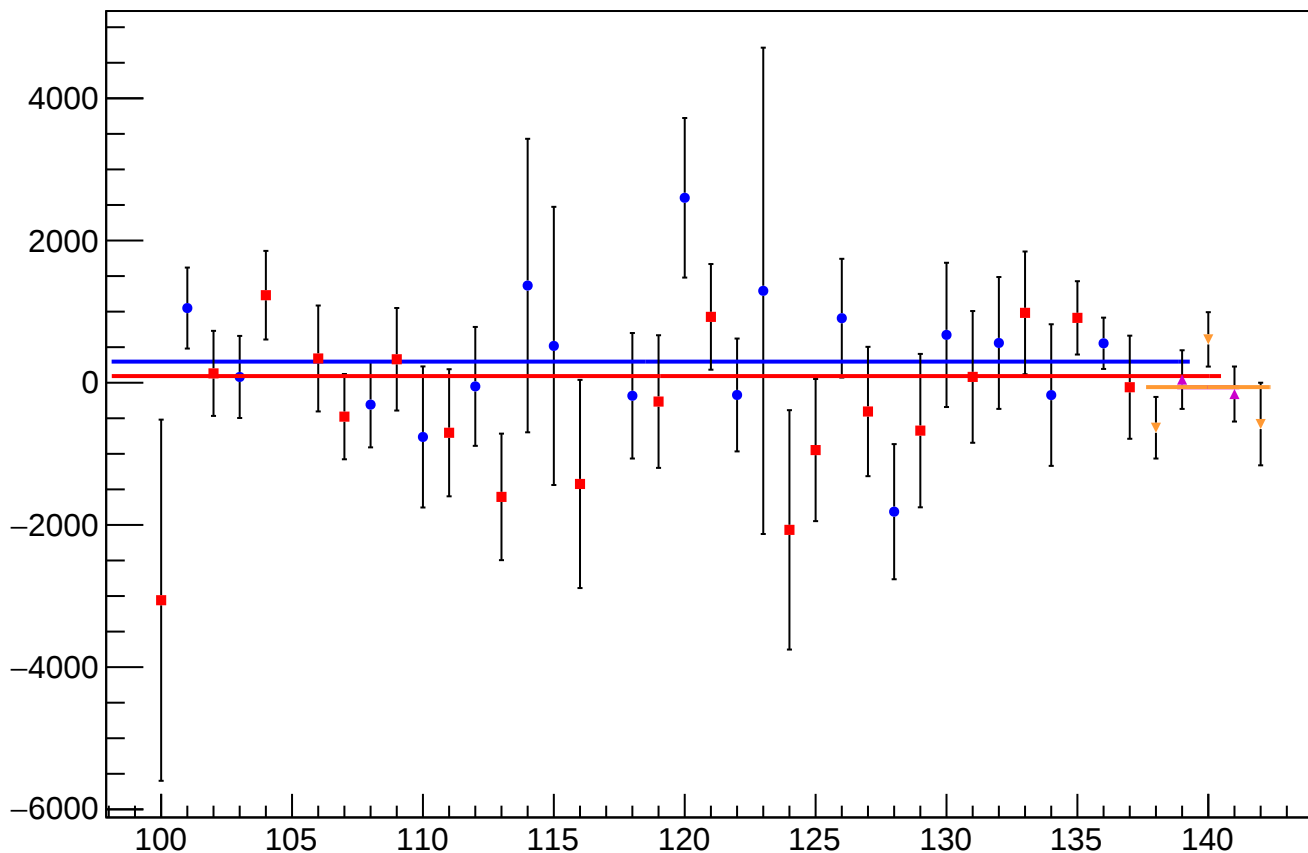
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 443.335+/-0.112 χ^2/NDF :1032185.4/18

Out: 446.507+/-0.108 χ^2/NDF :1008717.0/21

All: 444.981+/-0.078 χ^2/NDF : 2041317.8/40

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -61.517 $\pm$ 257.144 χ^2 /NDF:5.6/2

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: -63.929 $\pm$ 282.225 χ^2 /NDF:0.1/1

Left: -62.611 $\pm$ 190.078 χ^2 /NDF: 5.7/4

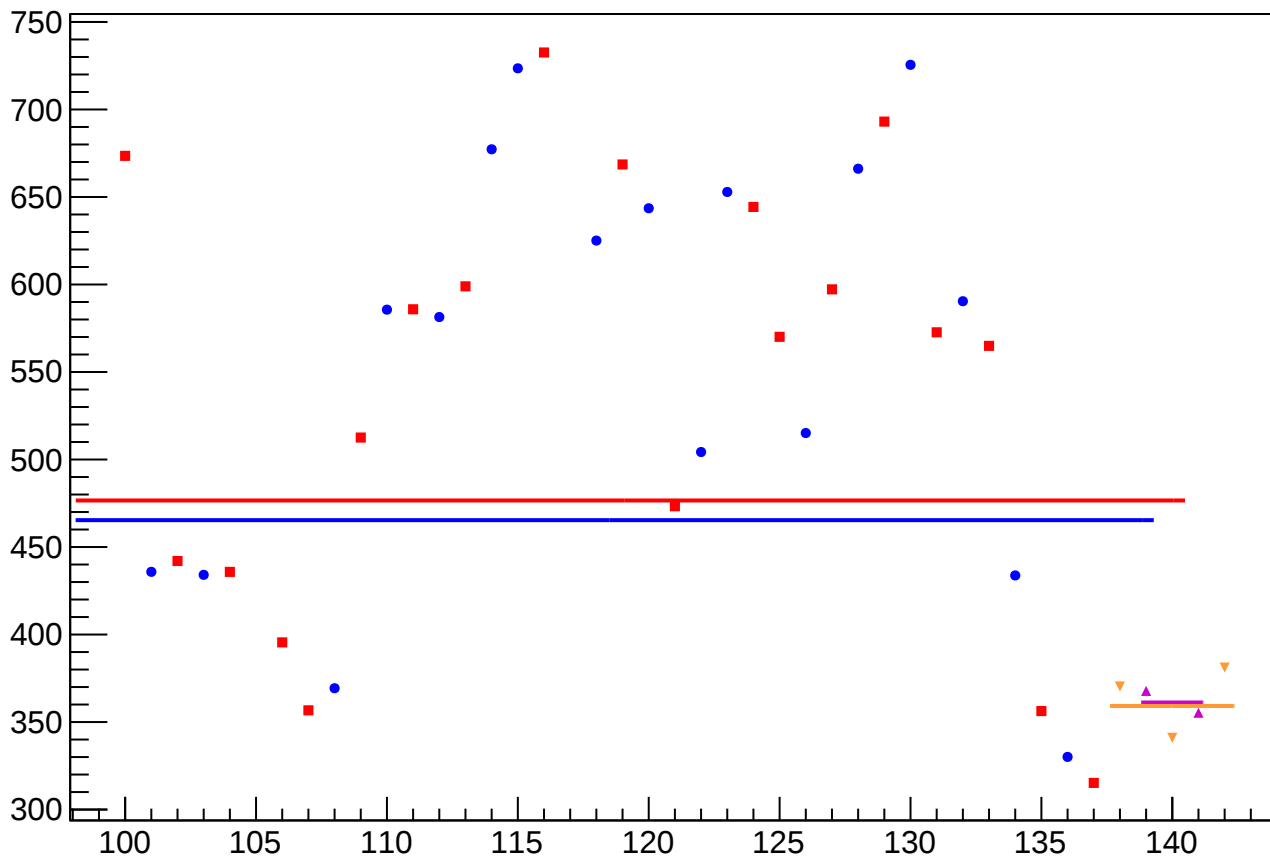
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 187.713 $\pm$ 155.291 χ^2 /NDF:17.1/18

Out: 41.053 $\pm$ 149.592 χ^2 /NDF:25.9/21

All: 111.643 $\pm$ 107.736 χ^2 /NDF: 43.5/40

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 359.191+/-0.182 χ^2/NDF : 8695.9/2

Right Out: 476.597+/-0.130 χ^2/NDF : 752936.0/18

Left In: 361.169+/-0.200 χ^2/NDF : 972.7/1

Left: 360.088+/-0.134 χ^2/NDF : 9722.2/4

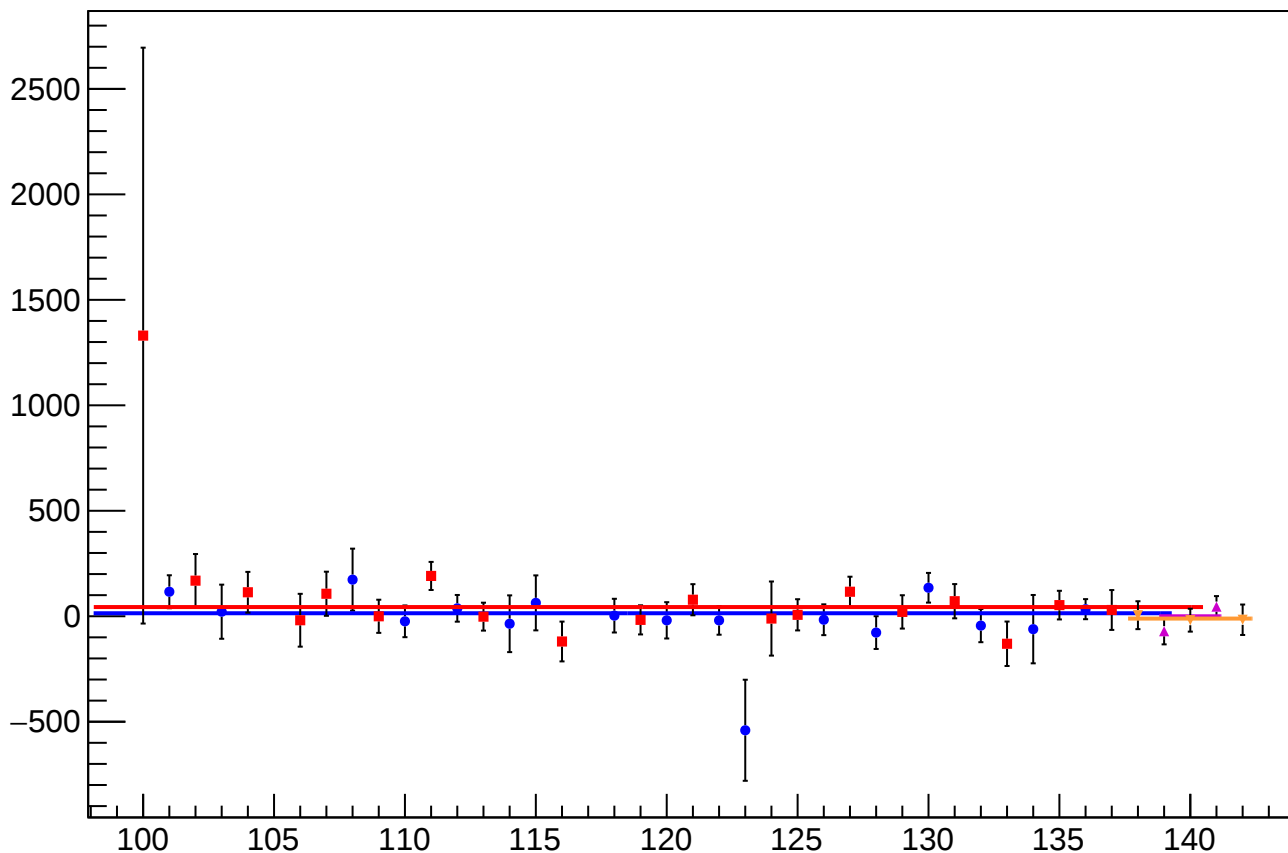
Right: 471.039+/-0.092 χ^2/NDF : 1617050.9/35

In: 433.812+/-0.110 χ^2/NDF : 1051434.6/18

Out: 436.864+/-0.106 χ^2/NDF : 1037458.9/21

All: 435.395+/-0.076 χ^2/NDF : 2089294.3/40

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -11.009+/-36.267 χ^2/NDF : 0.1/2

Right Out: 43.602+/-19.648 χ^2/NDF : 17.0/18

Left In: -0.141+/-39.013 χ^2/NDF : 2.1/1

Left: -5.971+/-26.562 χ^2/NDF : 2.3/4

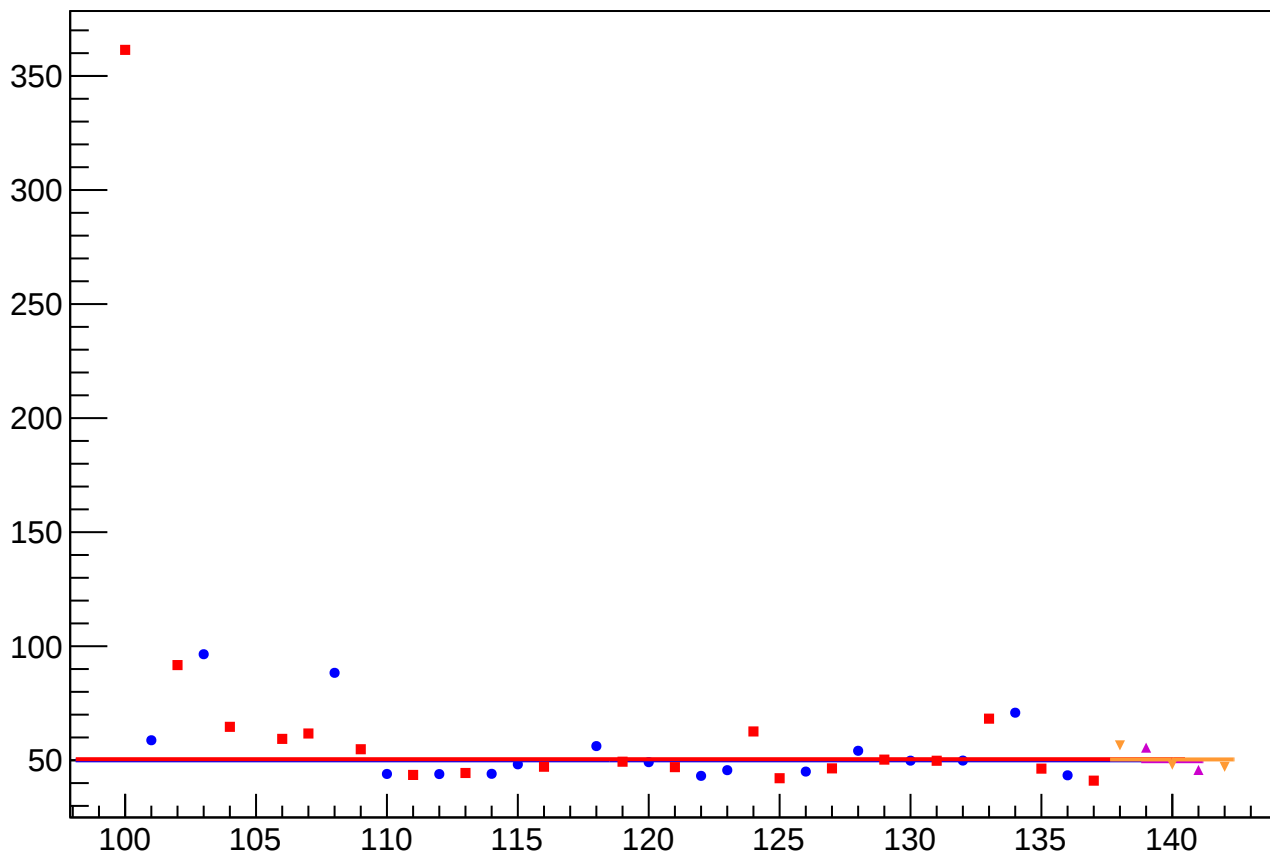
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: 11.289+/-17.703 χ^2/NDF : 17.0/18

Out: 31.211+/-17.275 χ^2/NDF : 18.9/21

All: 21.494+/-12.364 χ^2/NDF : 36.6/40

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 50.370 $\pm$ 0.026 χ^2 /NDF: 25014.4/2

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 49.592 $\pm$ 0.028 χ^2 /NDF: 29956.4/1

Left: 50.009 $\pm$ 0.019 χ^2 /NDF: 55397.8/4

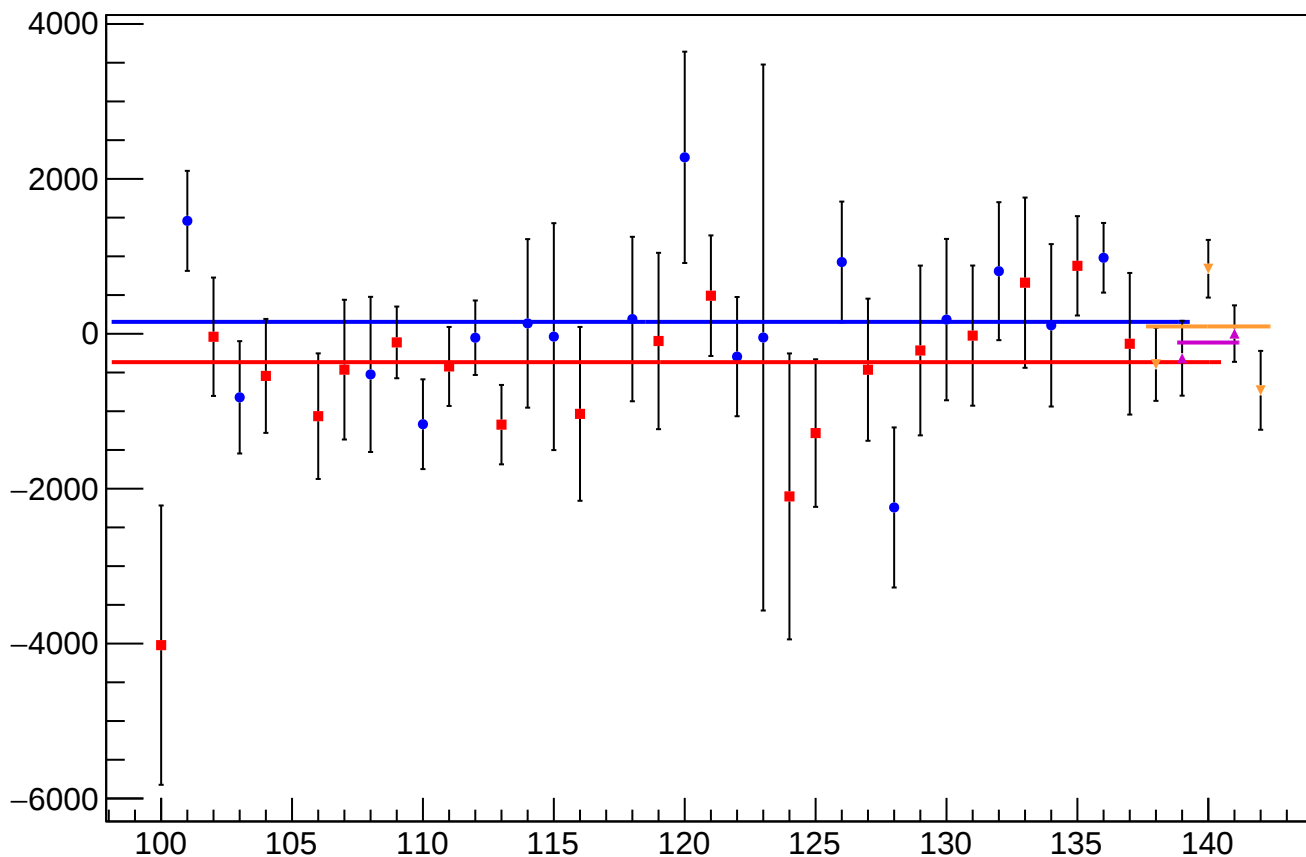
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 49.895 $\pm$ 0.013 χ^2 /NDF: 608858.7/18

Out: 50.449 $\pm$ 0.012 χ^2 /NDF: 596321.2/21

All: 50.179 $\pm$ 0.009 χ^2 /NDF: 1206185.2/40

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: 94.807 $\pm$ 253.608 χ^2 /NDF: 7.7/2

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: -113.007 $\pm$ 291.122 χ^2 /NDF: 0.3/1

Left: 5.144 $\pm$ 191.225 χ^2 /NDF: 8.3/4

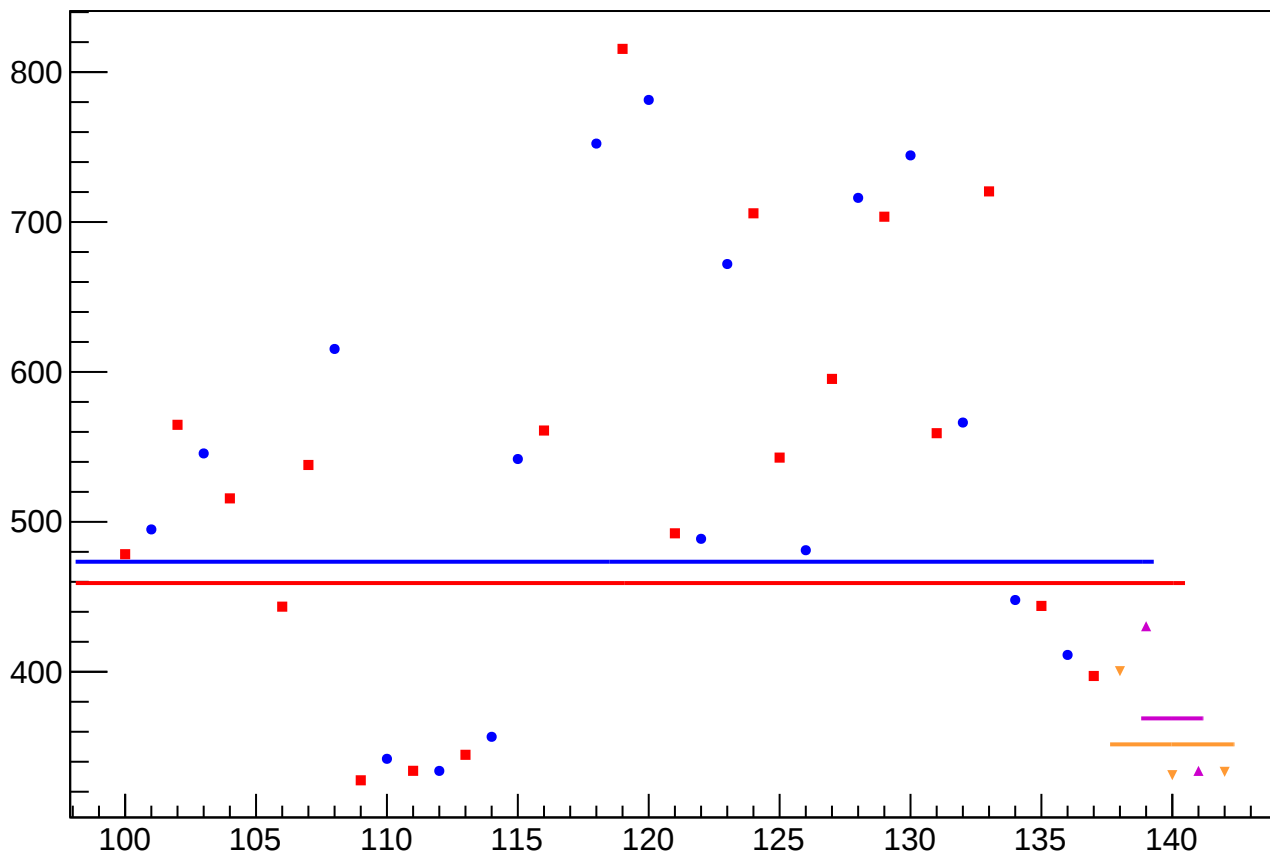
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 74.153 $\pm$ 159.090 χ^2 /NDF: 25.7/18

Out: -213.062 $\pm$ 146.192 χ^2 /NDF: 26.1/21

All: -81.568 $\pm$ 107.645 χ^2 /NDF: 53.5/40

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 351.591+/-0.179 χ^2/NDF : 30041.1/2

Right Out: 459.180+/-0.127 χ^2/NDF : 1006487.4/18

Left In: 368.917+/-0.206 χ^2/NDF : 50789.6/1

Left: 359.066+/-0.135 χ^2/NDF : 84858.4/4

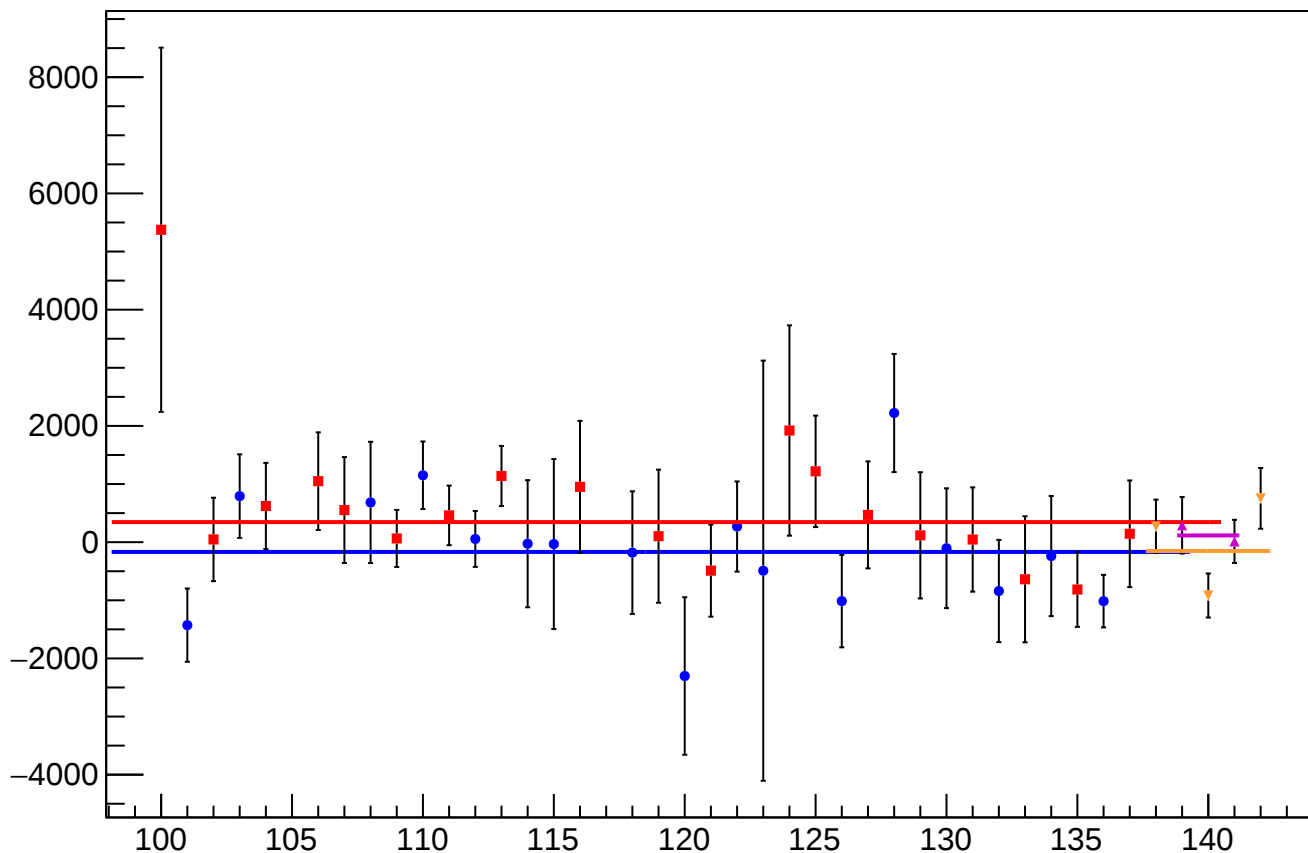
Right: 465.867+/-0.092 χ^2/NDF : 1927360.0/35

In: 442.203+/-0.112 χ^2/NDF : 1146423.0/18

Out: 423.429+/-0.103 χ^2/NDF : 1276868.5/21

All: 432.024+/-0.076 χ^2/NDF : 2438391.9/40

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -152.523+/-255.187 χ^2/NDF : 7.9/2

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: 115.598+/-294.894 χ^2/NDF : 0.2/1

Left: -37.716+/-192.967 χ^2/NDF : 8.6/4

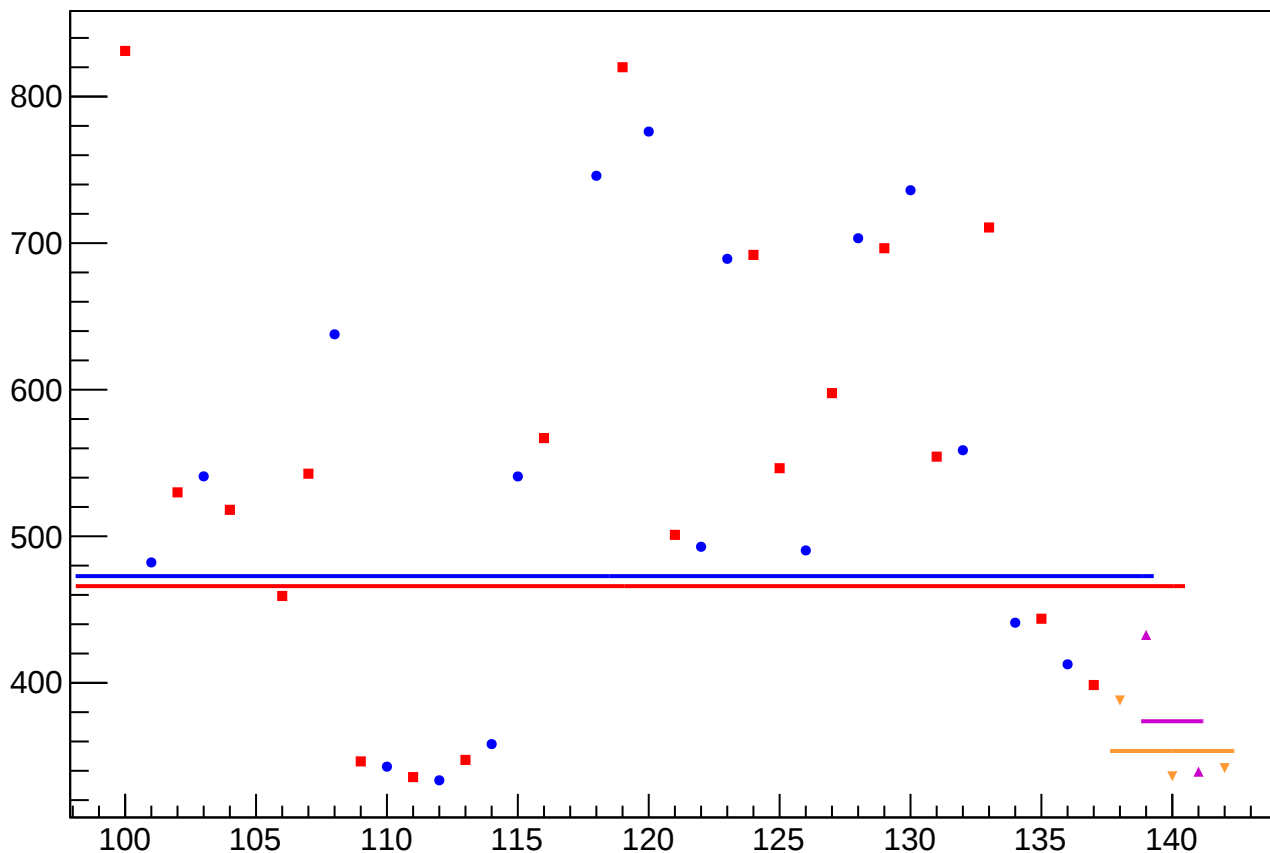
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -84.992+/-159.575 χ^2/NDF : 26.3/18

Out: 178.485+/-147.773 χ^2/NDF : 24.2/21

All: 56.850+/-108.424 χ^2/NDF : 51.9/40

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 353.519+/-0.180 χ^2/NDF : 16384.8/2

Right Out: 465.987+/-0.128 χ^2/NDF : 942033.1/18

Left In: 373.798+/-0.209 χ^2/NDF : 46582.7/1

Left: 362.202+/-0.136 χ^2/NDF : 68376.0/4

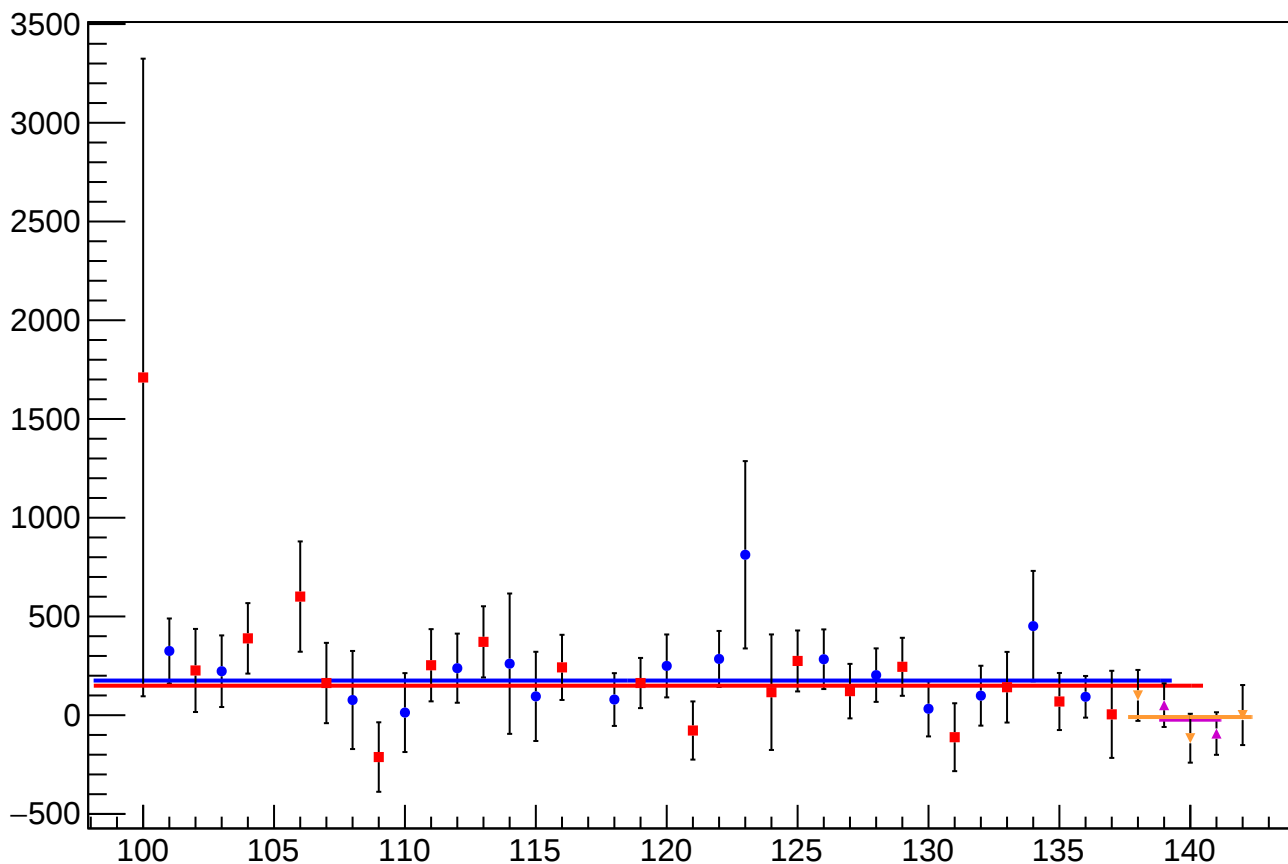
Right: 469.247+/-0.093 χ^2/NDF : 1839762.8/35

In: 443.824+/-0.113 χ^2/NDF : 1102429.5/18

Out: 428.273+/-0.104 χ^2/NDF : 1216631.0/21

All: 435.452+/-0.077 χ^2/NDF : 2329286.5/40

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -9.248 $\pm$ 77.001 χ^2 /NDF:1.5/2

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -22.756 $\pm$ 77.123 χ^2 /NDF:0.9/1

Left: -15.992 $\pm$ 54.491 χ^2 /NDF: 2.4/4

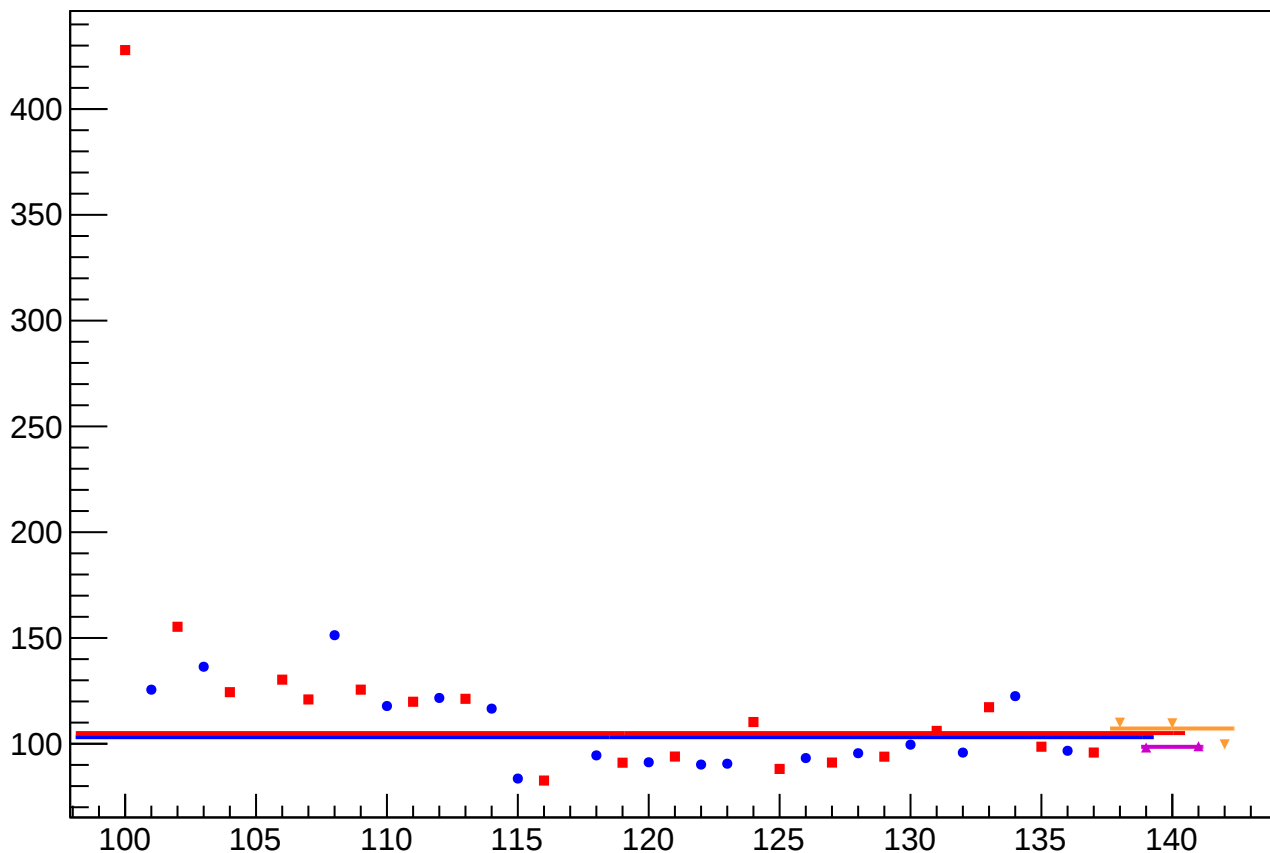
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 132.855 $\pm$ 35.758 χ^2 /NDF:14.6/18

Out: 115.277 $\pm$ 35.719 χ^2 /NDF:23.2/21

All: 124.056 $\pm$ 25.271 χ^2 /NDF: 38.0/40

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112+/-0.029 χ^2/NDF : 306438.5/16

Left Out: 107.217+/-0.054 χ^2/NDF : 6560.7/2

Right Out: 105.045+/-0.029 χ^2/NDF : 448699.0/18

Left In: 98.556+/-0.055 χ^2/NDF : 30.4/1

Left: 102.893+/-0.039 χ^2/NDF : 19222.1/4

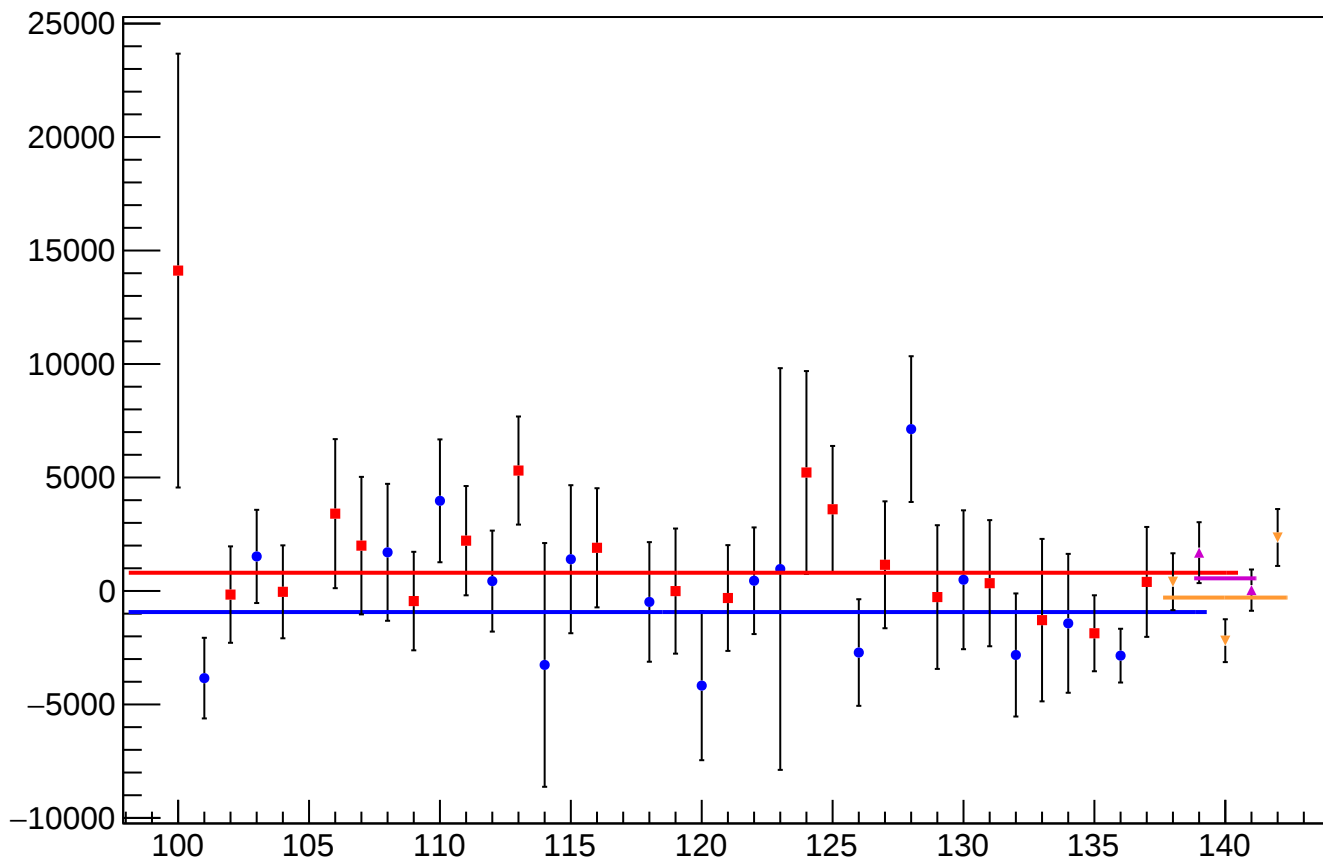
Right: 104.080+/-0.020 χ^2/NDF : 757434.4/35

In: 102.133+/-0.025 χ^2/NDF : 311948.8/18

Out: 105.513+/-0.025 χ^2/NDF : 456507.6/21

All: 103.825+/-0.018 χ^2/NDF : 777401.0/40

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -290.946 $\pm$ 646.201 χ^2 /NDF: 8.8/2

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: 556.636 $\pm$ 752.778 χ^2 /NDF: 1.0/1

Left: 68.647 $\pm$ 490.322 χ^2 /NDF: 10.6/4

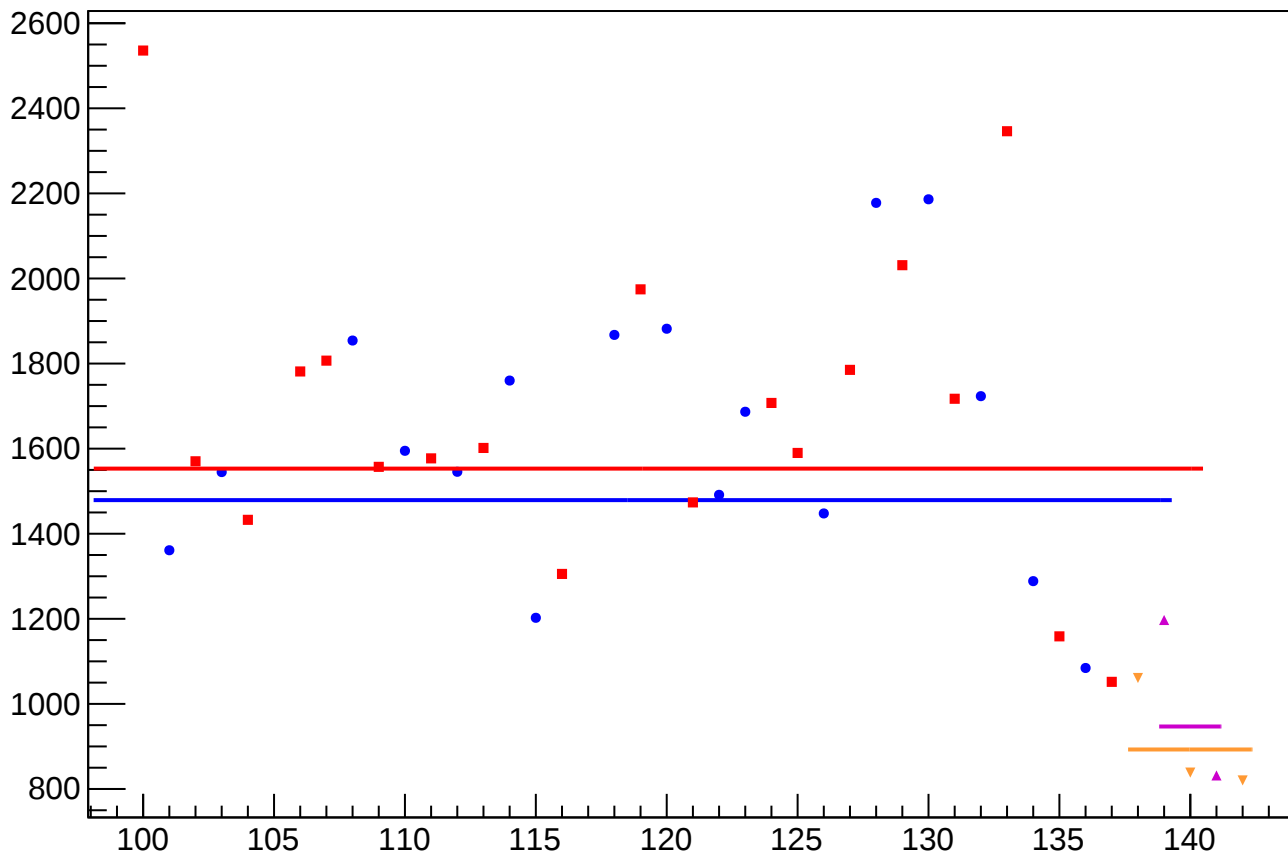
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -367.231 $\pm$ 462.885 χ^2 /NDF: 24.3/18

Out: 302.085 $\pm$ 437.238 χ^2 /NDF: 23.2/21

All: -13.518 $\pm$ 317.854 χ^2 /NDF: 48.7/40

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: 892.847+/-0.457 χ^2/NDF : 49362.2/2

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 946.878+/-0.532 χ^2/NDF : 101669.5/1

Left: 915.770+/-0.347 χ^2/NDF : 156963.9/4

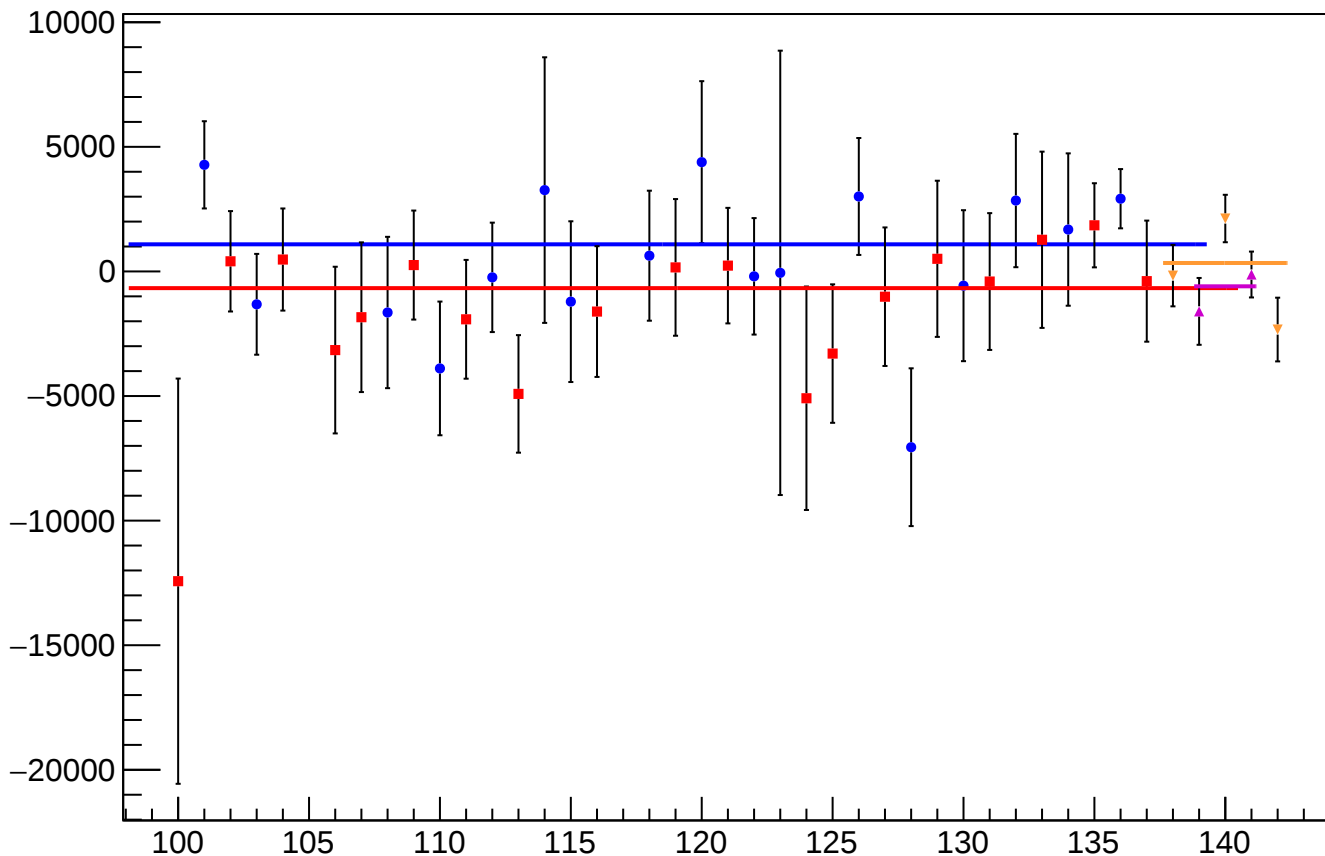
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1277.796+/-0.327 χ^2/NDF : 1312761.4/18

Out: 1250.806+/-0.309 χ^2/NDF : 1665079.9/21

All: 1263.533+/-0.225 χ^2/NDF : 2981435.0/40

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: 339.262 $\pm$ 649.158 χ^2 /NDF:8.0/2

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -597.234 $\pm$ 758.937 χ^2 /NDF:0.8/1

Left: -56.416 $\pm$ 493.314 χ^2 /NDF: 9.8/4

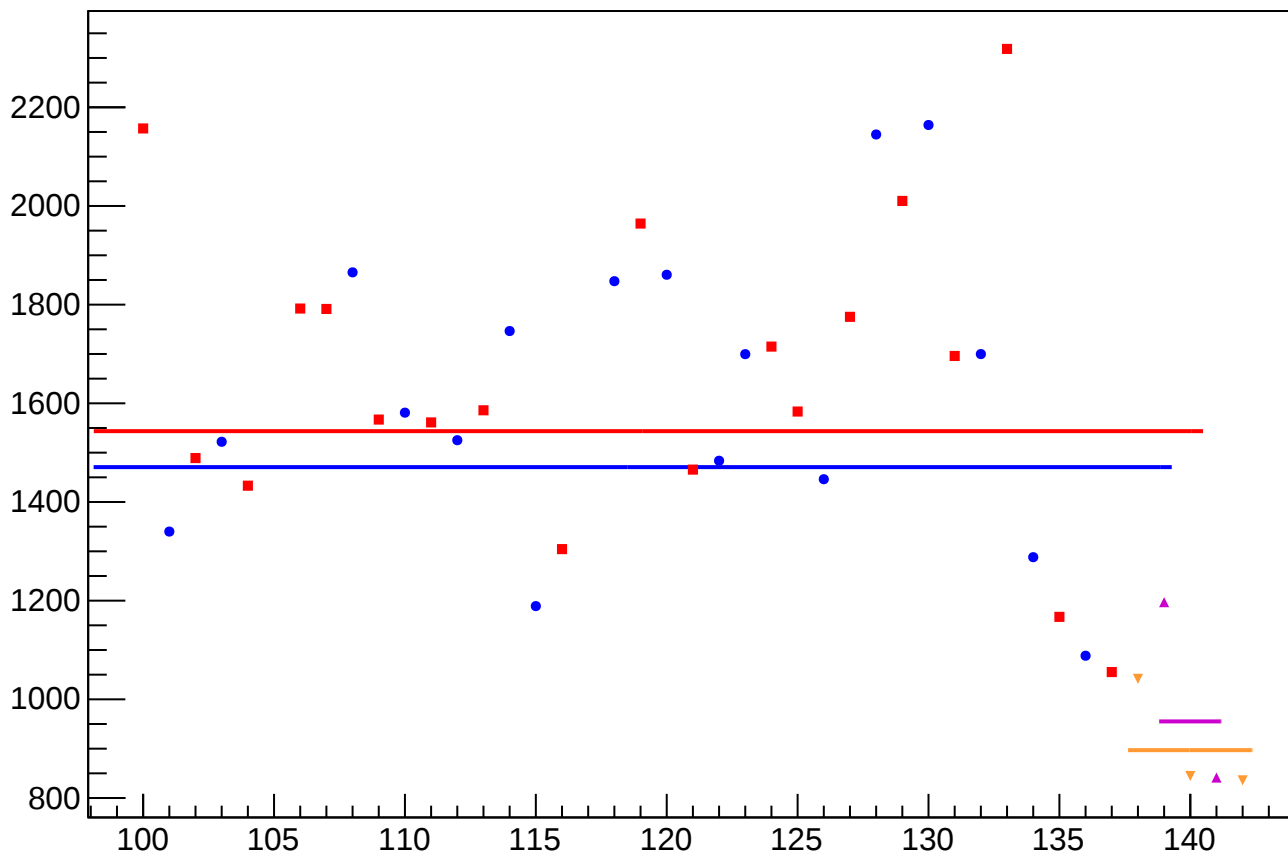
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 462.146 $\pm$ 462.497 χ^2 /NDF:25.8/18

Out: -213.546 $\pm$ 436.609 χ^2 /NDF:21.4/21

All: 104.861 $\pm$ 317.487 χ^2 /NDF: 48.3/40

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 896.977+/-0.459 χ^2/NDF : 38144.2/2

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 955.249+/-0.537 χ^2/NDF : 95501.9/1

Left: 921.598+/-0.349 χ^2/NDF : 140455.0/4

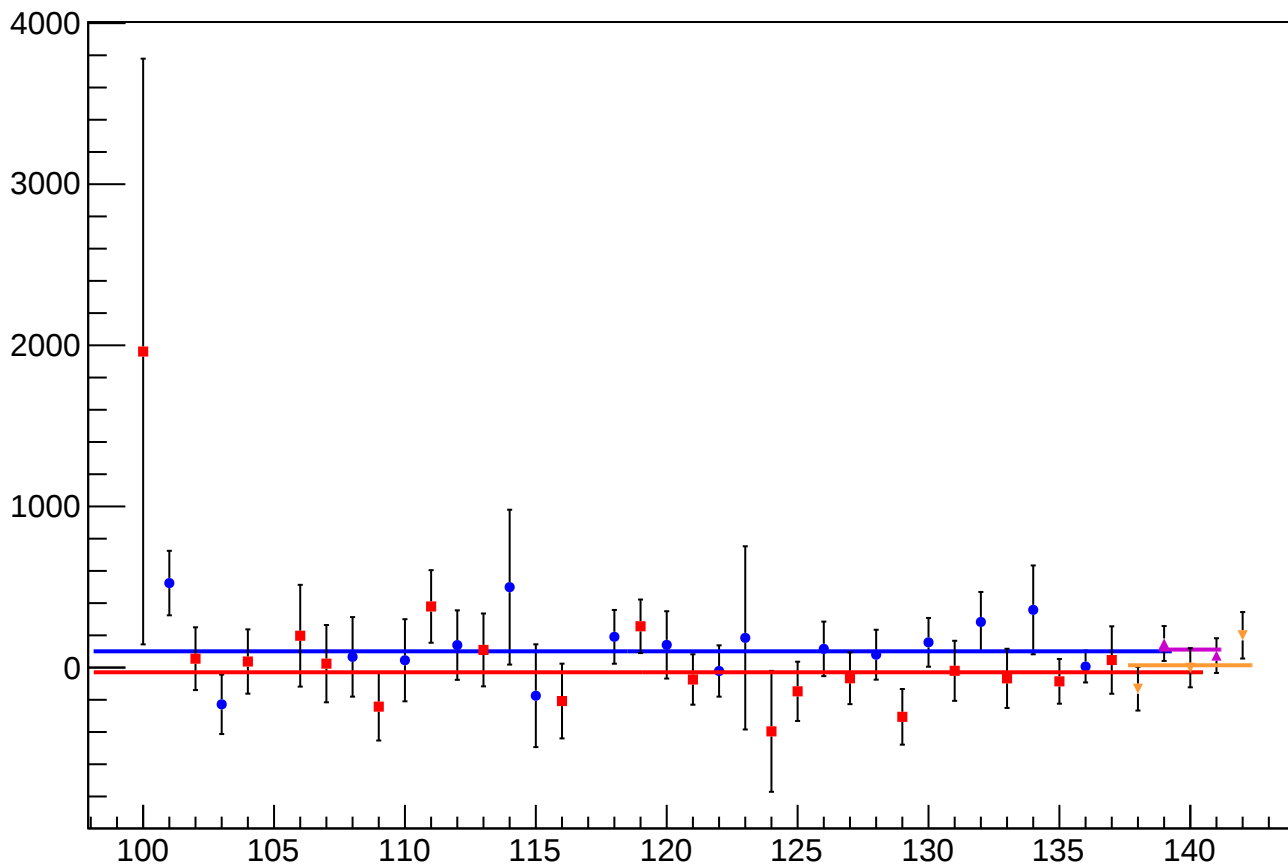
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 1279.266+/-0.327 χ^2/NDF : 1243138.5/18

Out: 1251.088+/-0.309 χ^2/NDF : 1579098.7/21

All: 1264.366+/-0.224 χ^2/NDF : 2826162.8/40

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: 14.356 $\pm$ 76.694 χ^2 /NDF:2.8/2

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 111.732 $\pm$ 76.331 χ^2 /NDF:0.2/1

Left: 63.275 $\pm$ 54.102 χ^2 /NDF: 3.9/4

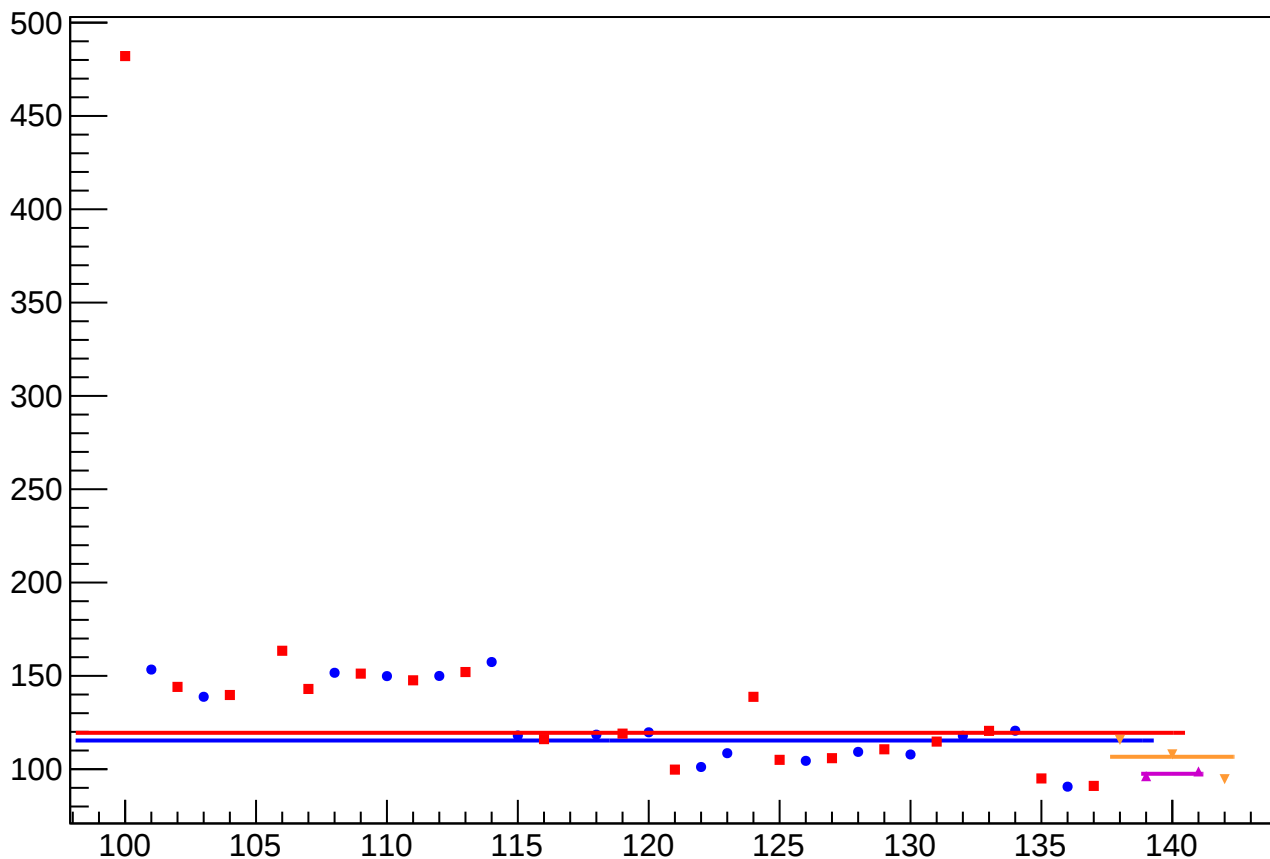
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 103.733 $\pm$ 38.946 χ^2 /NDF:13.3/18

Out: -17.753 $\pm$ 39.256 χ^2 /NDF:17.8/21

All: 43.471 $\pm$ 27.648 χ^2 /NDF: 35.9/40

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: 106.647 $\pm$ 0.054 χ^2 /NDF:22960.8/2

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 97.534 $\pm$ 0.054 χ^2 /NDF:555.4/1

Left: 102.069 $\pm$ 0.038 χ^2 /NDF: 37700.8/4

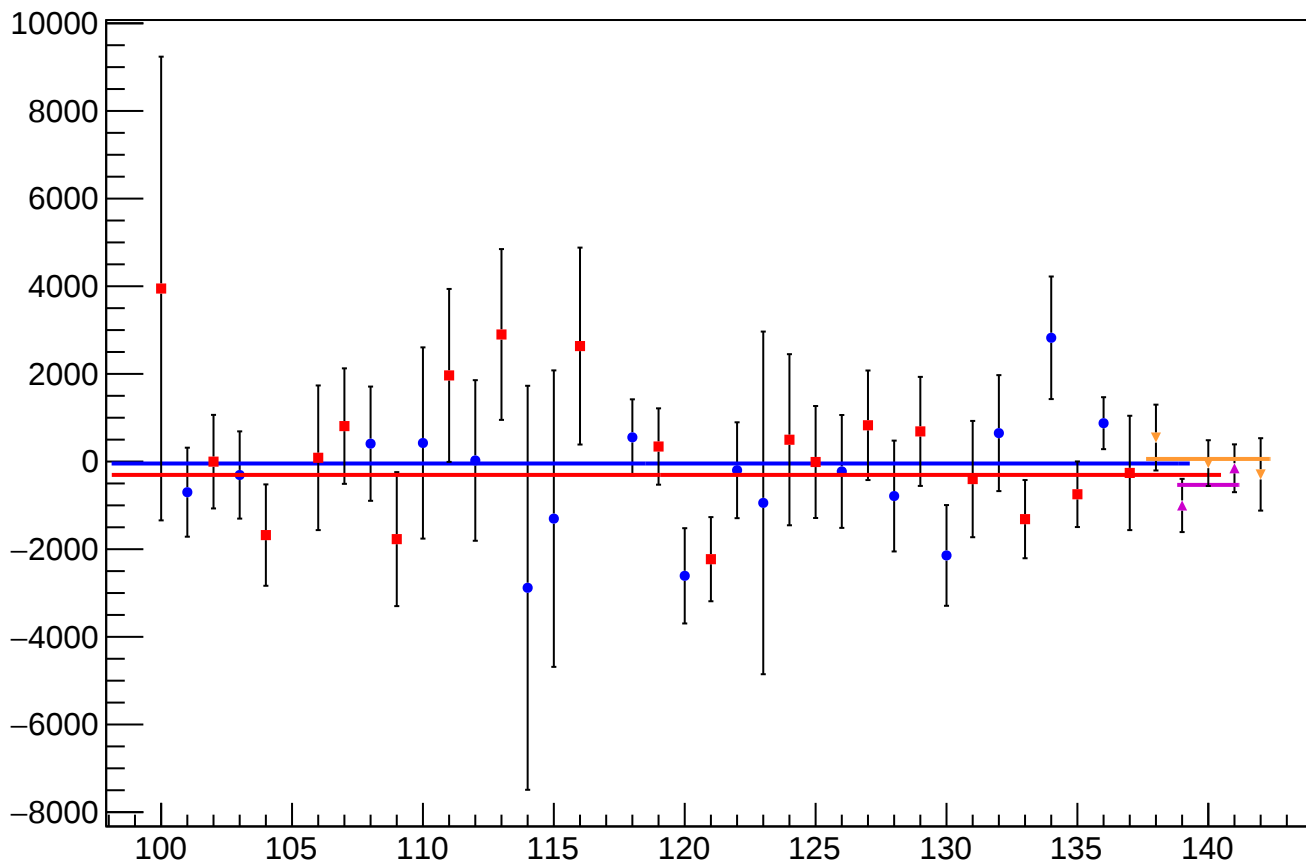
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 110.724 $\pm$ 0.028 χ^2 /NDF:492657.6/18

Out: 116.127 $\pm$ 0.028 χ^2 /NDF:542332.0/21

All: 113.404 $\pm$ 0.020 χ^2 /NDF: 1054079.6/40

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2 /NDF: 17.9/16

Left Out: 59.468 $\pm$ 380.649 χ^2 /NDF:0.6/2

Right Out: -304.797 $\pm$ 282.708 χ^2 /NDF: 17.4/18

Left In: -532.811 $\pm$ 405.796 χ^2 /NDF:1.1/1

Left: -217.753 $\pm$ 277.624 χ^2 /NDF: 2.9/4

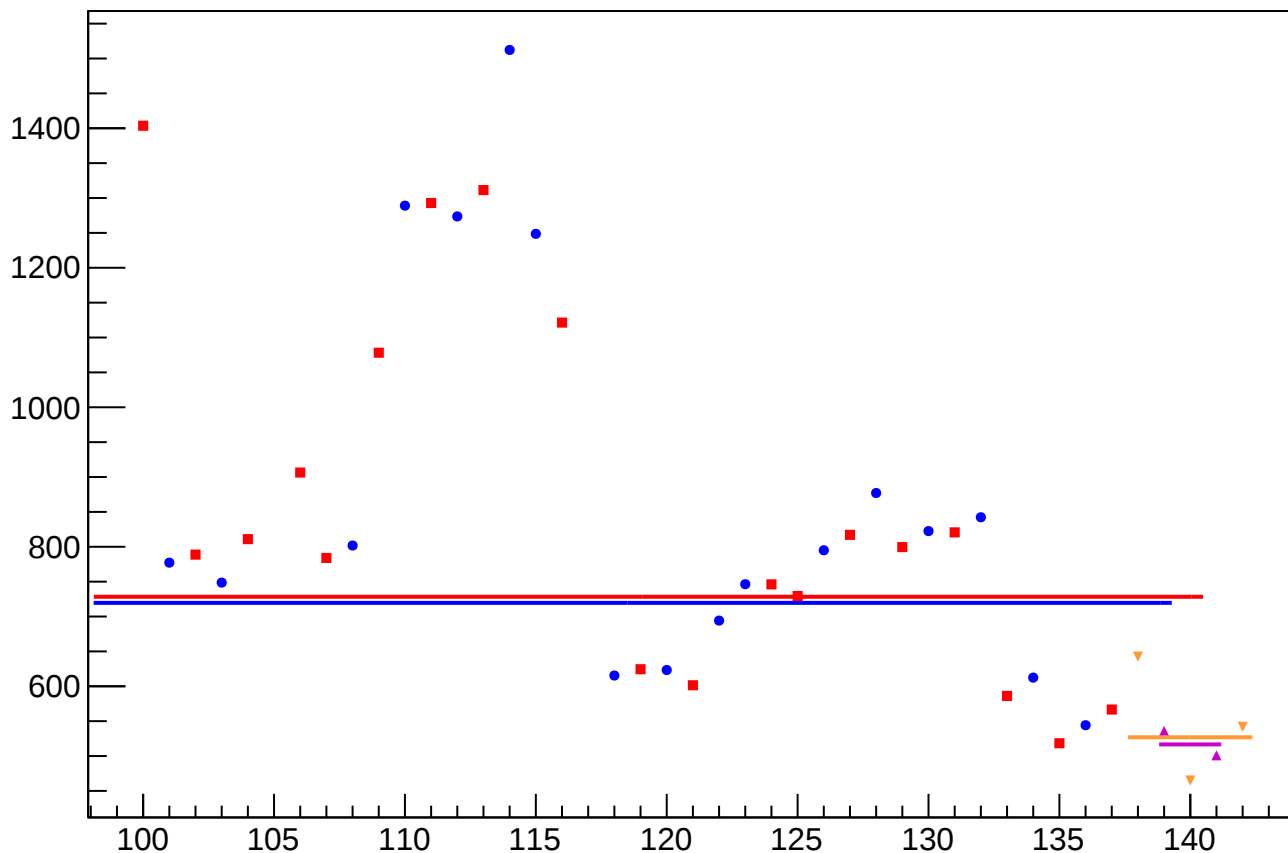
Right: -176.310 $\pm$ 201.157 χ^2 /NDF: 35.7/35

In: -206.808 $\pm$ 233.928 χ^2 /NDF:19.9/18

Out: -175.299 $\pm$ 226.959 χ^2 /NDF:18.7/21

All: -190.577 $\pm$ 162.893 χ^2 /NDF: 38.6/40

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 526.856 $\pm$ 0.269 χ^2 /NDF: 76230.4/2

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 516.646 $\pm$ 0.287 χ^2 /NDF: 3649.8/1

Left: 522.077 $\pm$ 0.196 χ^2 /NDF: 80553.6/4

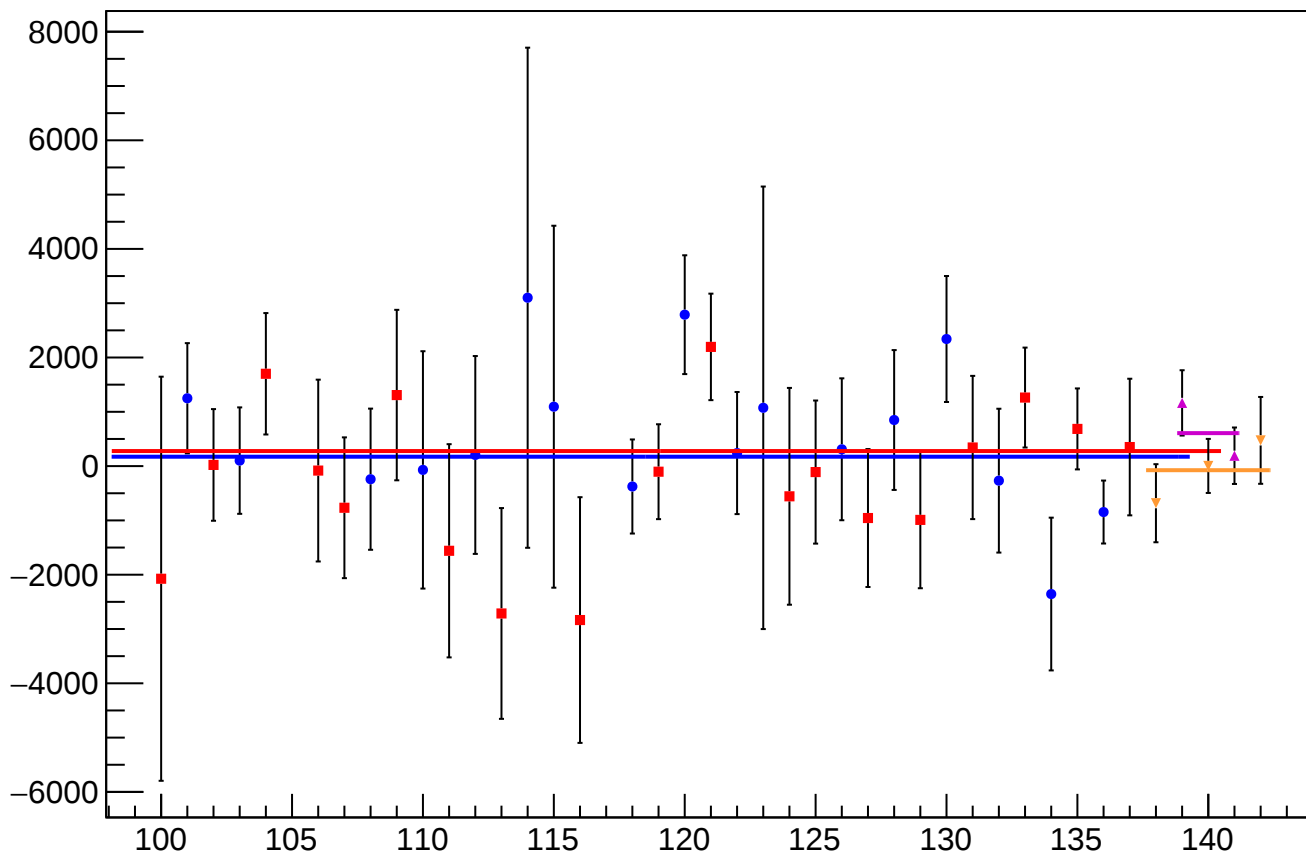
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 652.159 $\pm$ 0.165 χ^2 /NDF: 1084643.2/18

Out: 656.705 $\pm$ 0.160 χ^2 /NDF: 1351010.4/21

All: 654.501 $\pm$ 0.115 χ^2 /NDF: 2436042.7/40

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: -75.385 $\pm$ 364.343 χ^2 /NDF:1.2/2

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 607.320 $\pm$ 393.272 χ^2 /NDF:1.5/1

Left: 239.937 $\pm$ 267.272 χ^2 /NDF: 4.3/4

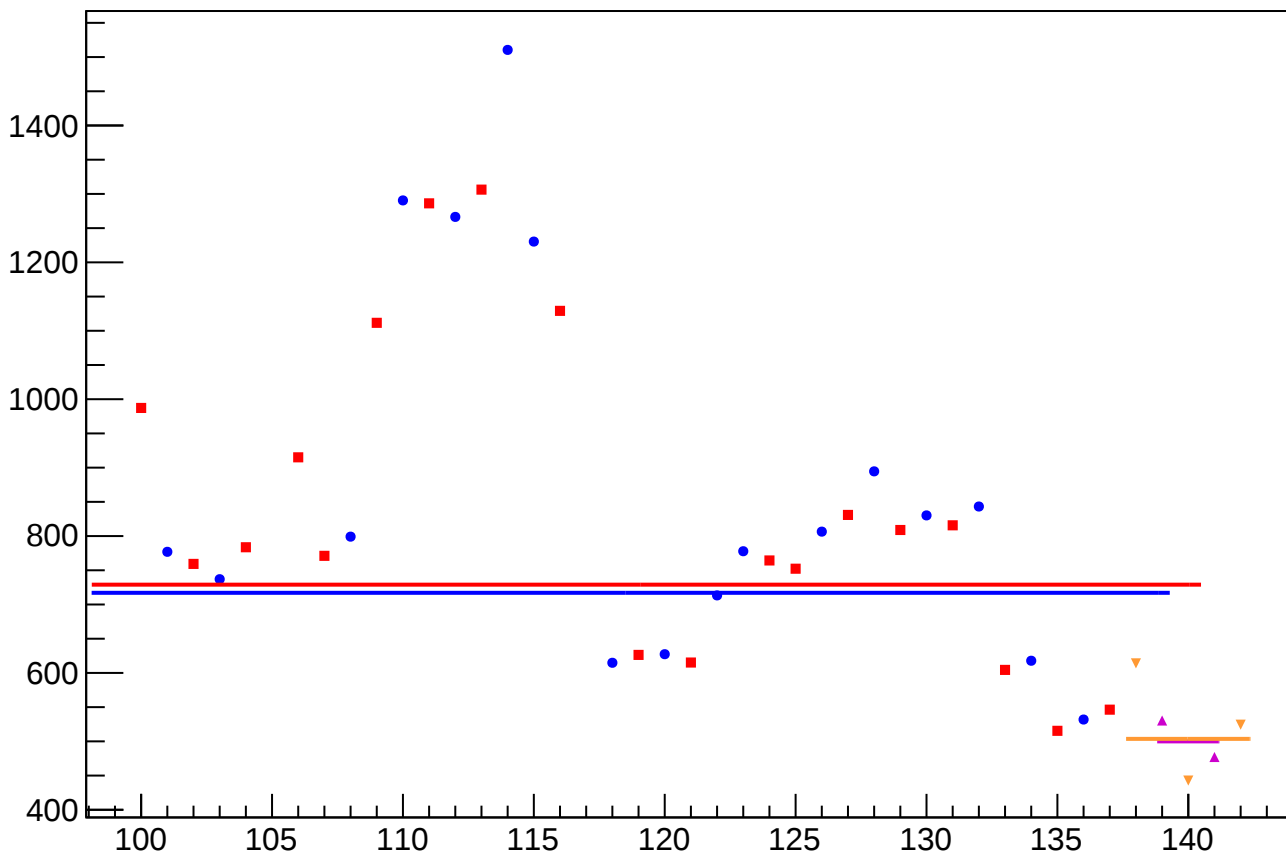
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 323.134 $\pm$ 231.129 χ^2 /NDF:20.4/18

Out: 144.649 $\pm$ 223.364 χ^2 /NDF:17.8/21

All: 230.843 $\pm$ 160.617 χ^2 /NDF: 38.5/40

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 503.633+/-0.258 χ^2/NDF : 78398.4/2

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 499.960+/-0.278 χ^2/NDF : 9002.2/1

Left: 501.936+/-0.189 χ^2/NDF : 87494.5/4

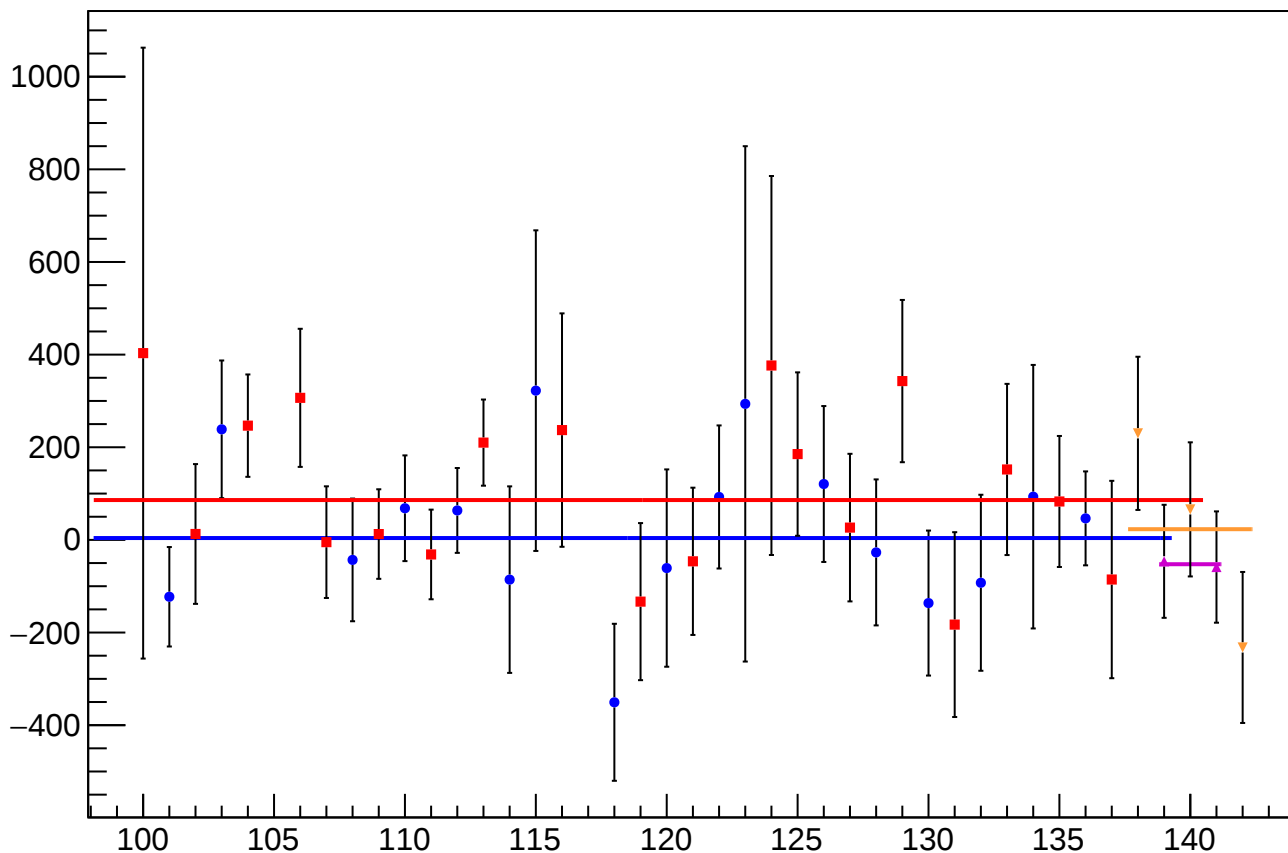
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 642.088+/-0.163 χ^2/NDF : 1190504.7/18

Out: 644.291+/-0.158 χ^2/NDF : 1446702.1/21

All: 643.227+/-0.114 χ^2/NDF : 2637300.7/40

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011+/-35.950 χ^2/NDF : 12.7/16

Left Out: 23.107+/-90.567 χ^2/NDF : 4.1/2

Right Out: 86.020+/-33.370 χ^2/NDF : 17.6/18

Left In: -52.513+/-85.614 χ^2/NDF : 0.0/1

Left: -16.827+/-62.216 χ^2/NDF : 4.5/4

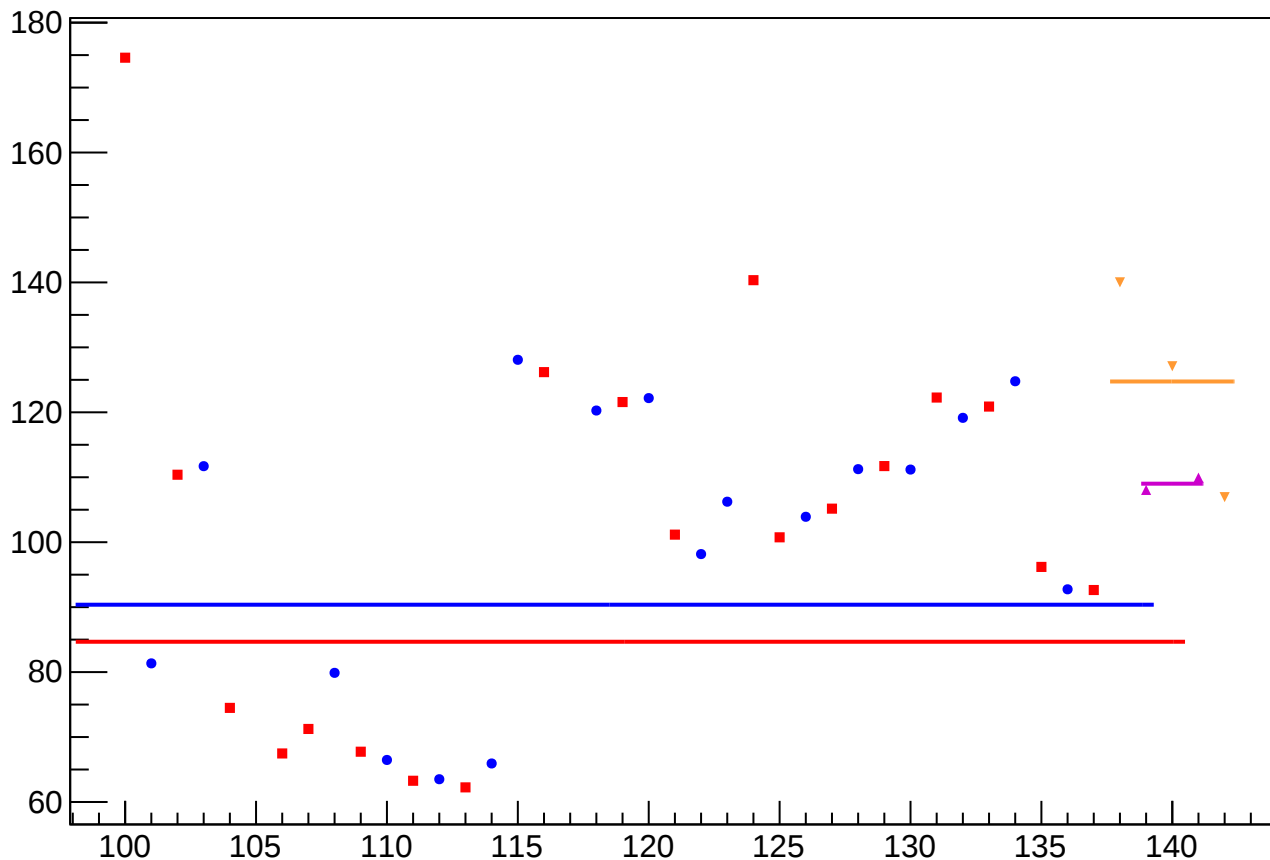
Right: 48.064+/-24.458 χ^2/NDF : 33.1/35

In: -4.461+/-33.147 χ^2/NDF : 13.1/18

Out: 78.500+/-31.312 χ^2/NDF : 22.1/21

All: 39.378+/-22.762 χ^2/NDF : 38.5/40

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: 124.746 $\pm$ 0.064 χ^2/NDF : 41439.7/2

Right Out: 84.673 $\pm$ 0.024 χ^2/NDF : 908123.4/18

Left In: 109.010 $\pm$ 0.061 χ^2/NDF : 243.4/1

Left: 116.436 $\pm$ 0.044 χ^2/NDF : 73568.1/4

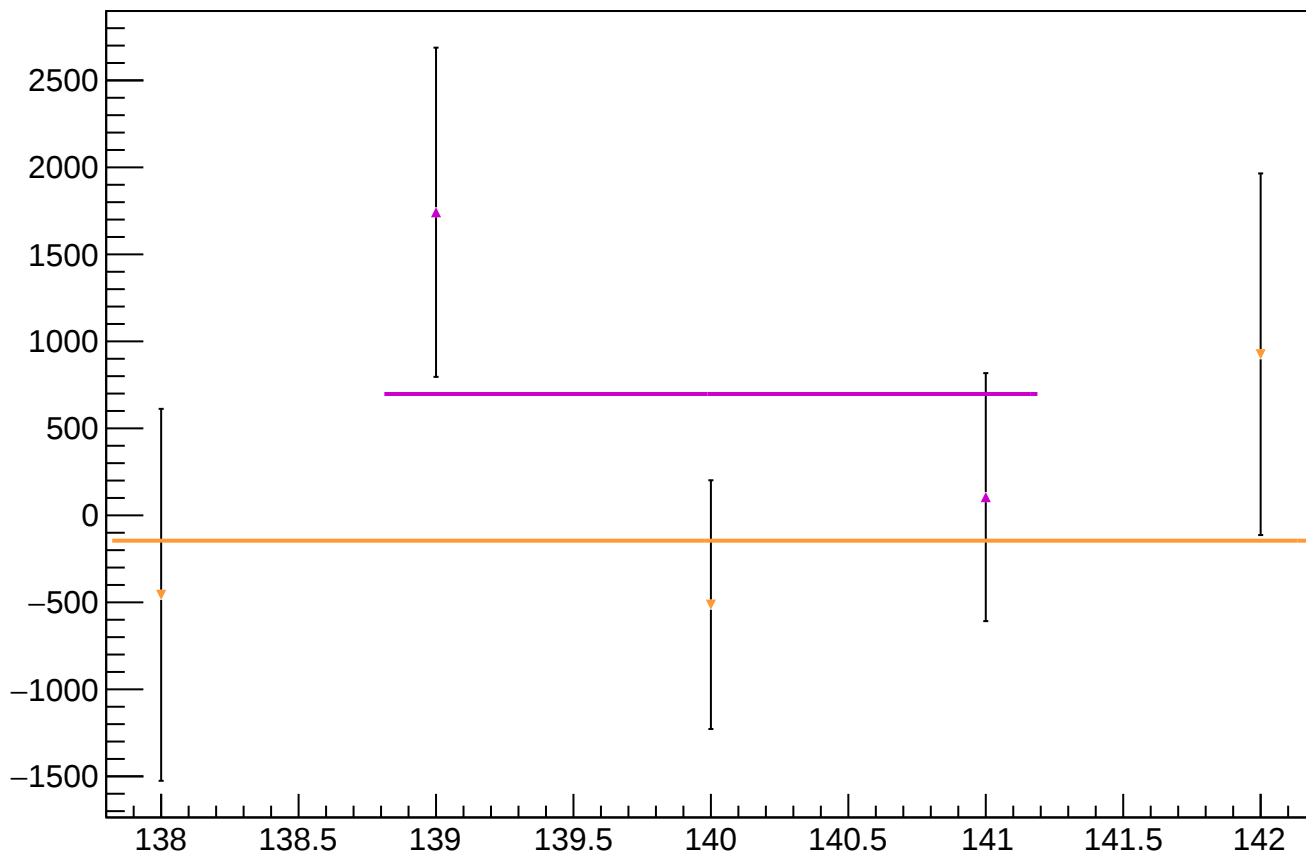
Right: 87.312 $\pm$ 0.017 χ^2/NDF : 1589292.9/35

In: 93.168 $\pm$ 0.023 χ^2/NDF : 734932.0/18

Out: 89.463 $\pm$ 0.022 χ^2/NDF : 1294317.2/21

All: 91.210 $\pm$ 0.016 χ^2/NDF : 2042457.3/40

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -145.470+/-515.858 χ^2/NDF :1.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 697.532+/-569.240 χ^2/NDF :1.9/1

Left: 234.659+/-382.249 χ^2/NDF : 4.5/4

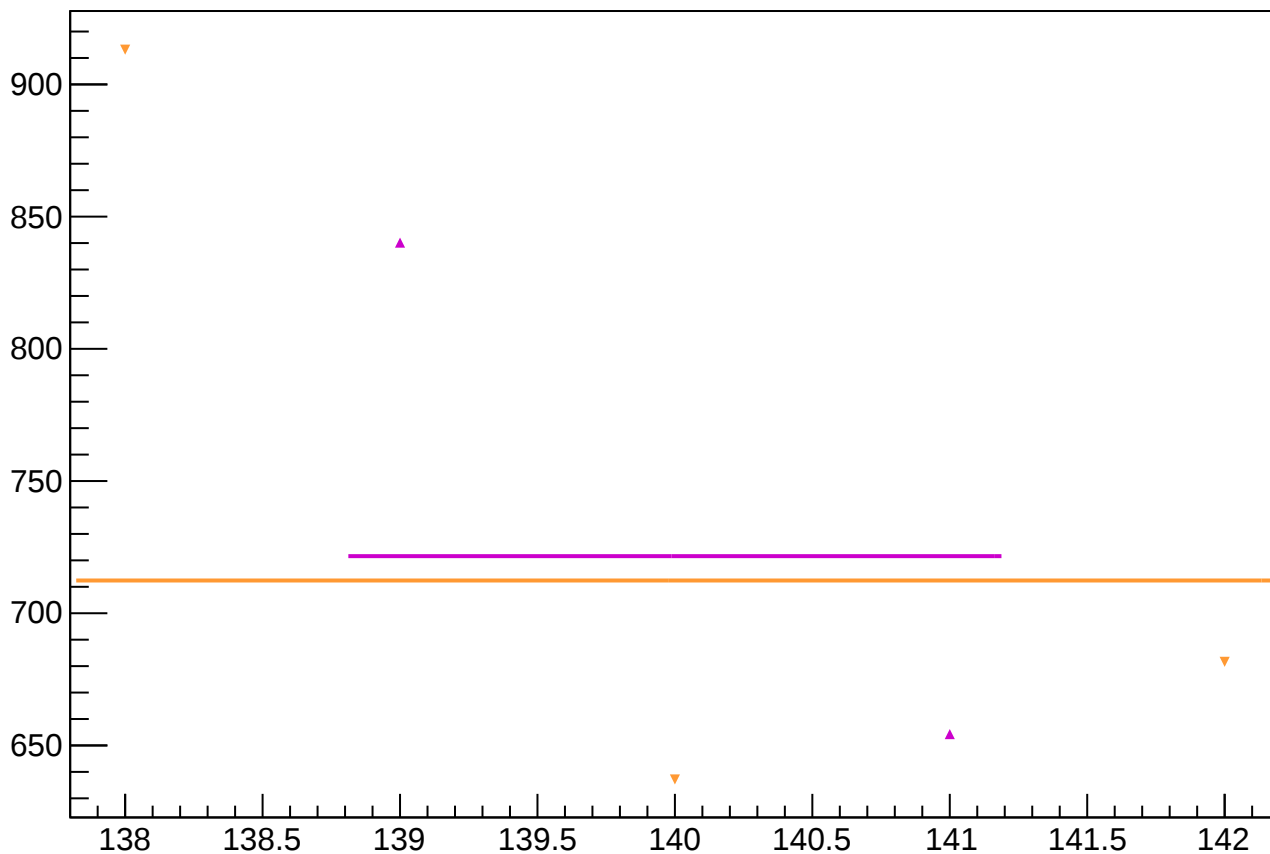
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 697.532+/-569.240 χ^2/NDF :1.9/1

Out: -145.470+/-515.858 χ^2/NDF :1.4/2

All: 234.659+/-382.249 χ^2/NDF : 4.5/4

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 712.387+/-0.365 χ^2/NDF :94465.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 721.593+/-0.403 χ^2/NDF :49255.2/1

Left: 716.538+/-0.270 χ^2/NDF : 144007.9/4

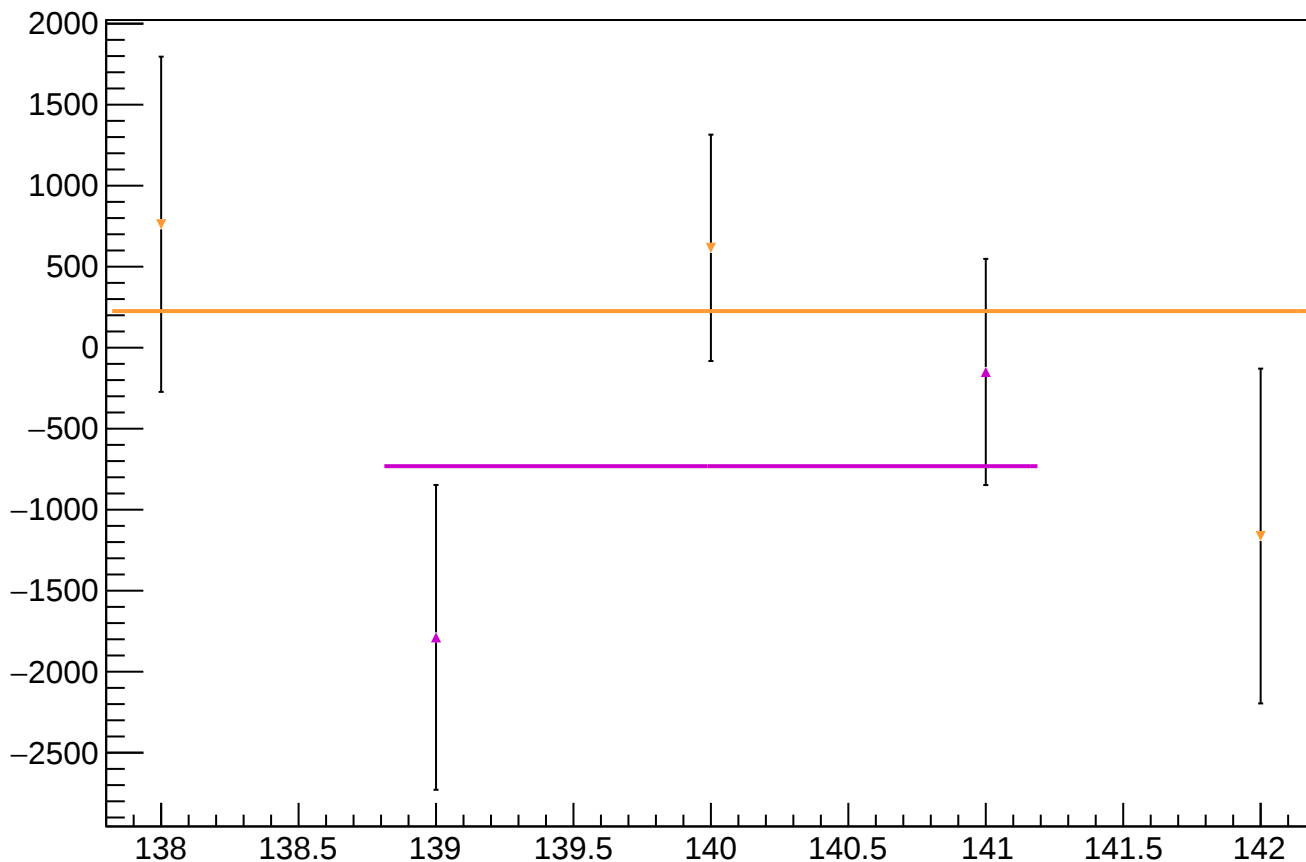
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 721.593+/-0.403 χ^2/NDF :49255.2/1

Out: 712.387+/-0.365 χ^2/NDF :94465.5/2

All: 716.538+/-0.270 χ^2/NDF : 144007.9/4

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 225.847+/-505.110 χ^2/NDF : 2.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -731.501+/-560.607 χ^2/NDF : 2.0/1

Left: -203.109+/-375.258 χ^2/NDF : 6.0/4

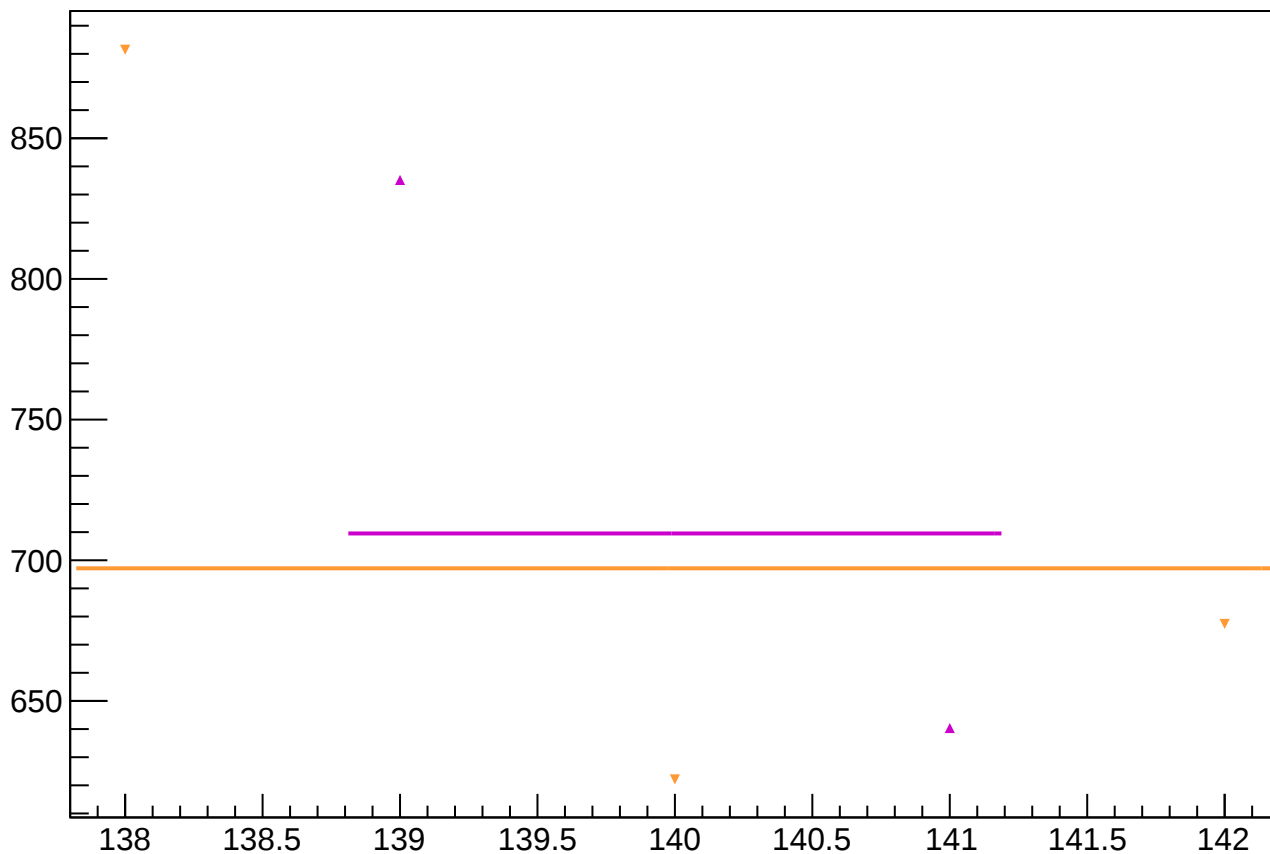
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -731.501+/-560.607 χ^2/NDF : 2.0/1

Out: 225.847+/-505.110 χ^2/NDF : 2.4/2

All: -203.109+/-375.258 χ^2/NDF : 6.0/4

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 697.141+/-0.357 χ^2/NDF : 87288.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 709.533+/-0.396 χ^2/NDF : 55295.7/1

Left: 702.693+/-0.265 χ^2/NDF : 143123.8/4

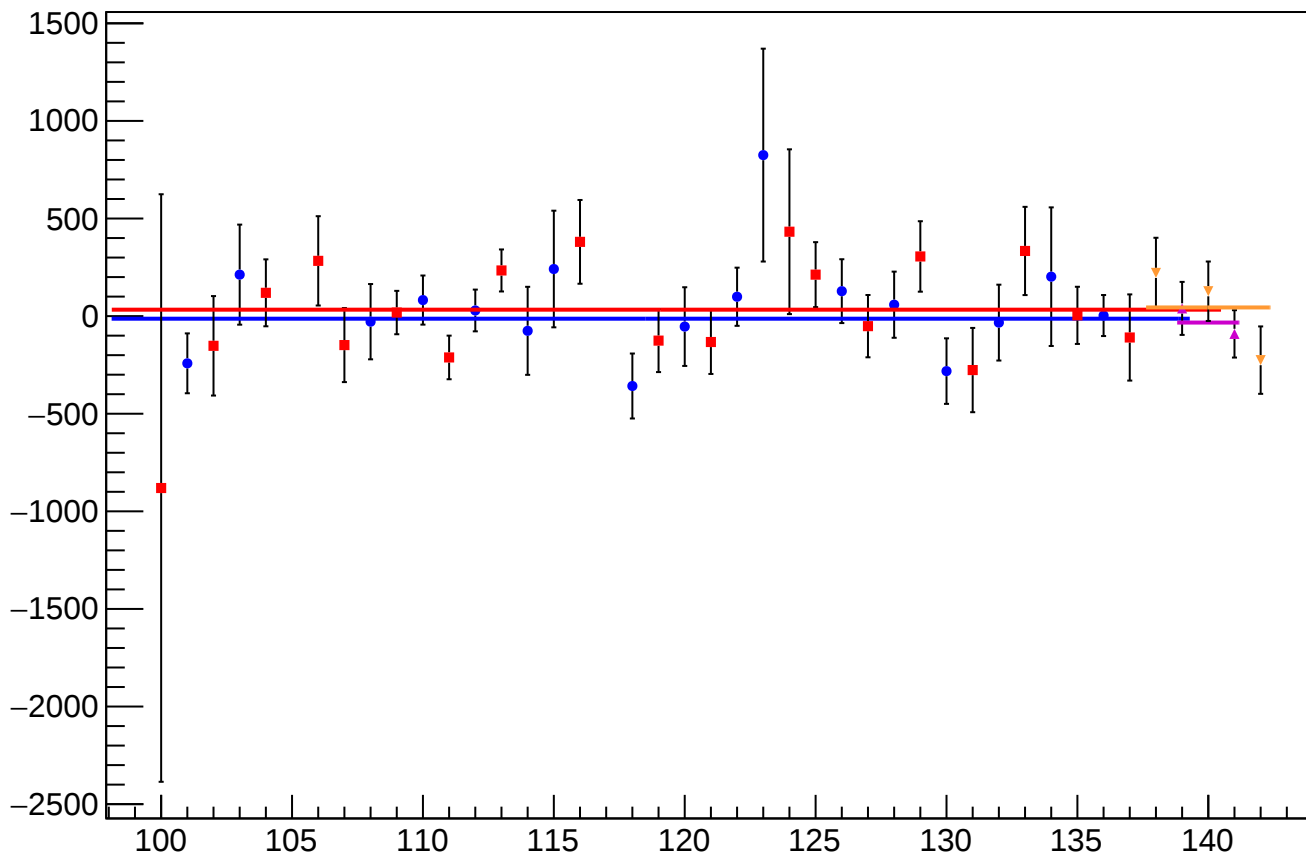
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 709.533+/-0.396 χ^2/NDF : 55295.7/1

Out: 697.141+/-0.357 χ^2/NDF : 87288.8/2

All: 702.693+/-0.265 χ^2/NDF : 143123.8/4

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 44.401 ± 96.421 χ^2/NDF : 3.7/2

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: -32.979 ± 90.471 χ^2/NDF : 0.5/1

Left: 3.250 ± 65.976 χ^2/NDF : 4.6/4

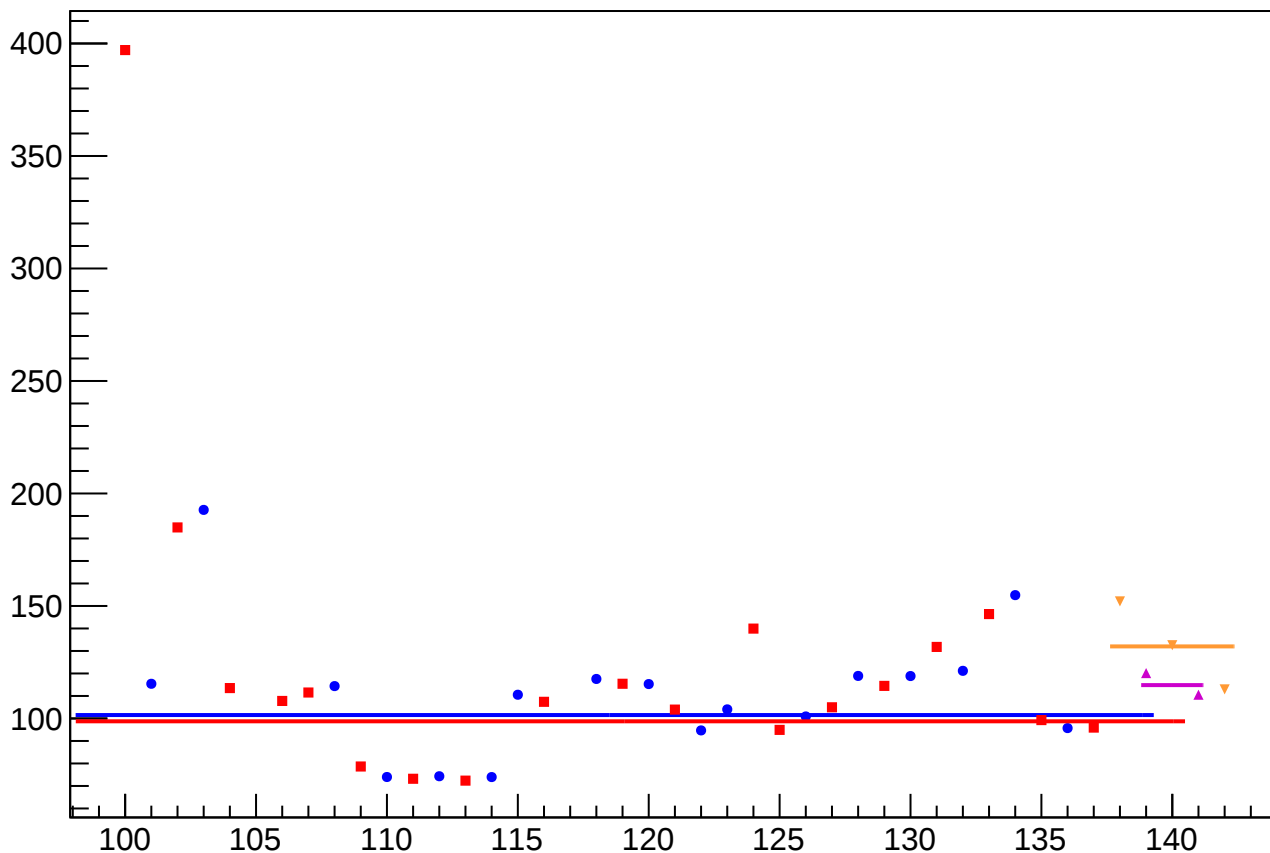
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: -16.522 ± 37.006 χ^2/NDF : 16.2/18

Out: 34.617 ± 36.057 χ^2/NDF : 28.8/21

All: 9.712 ± 25.825 χ^2/NDF : 46.0/40

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519+/-0.029 χ^2/NDF : 681713.7/16

Left Out: 132.027+/-0.068 χ^2/NDF : 49200.9/2

Right Out: 98.736+/-0.027 χ^2/NDF : 825631.4/18

Left In: 114.826+/-0.064 χ^2/NDF : 5568.9/1

Left: 122.879+/-0.047 χ^2/NDF : 88615.3/4

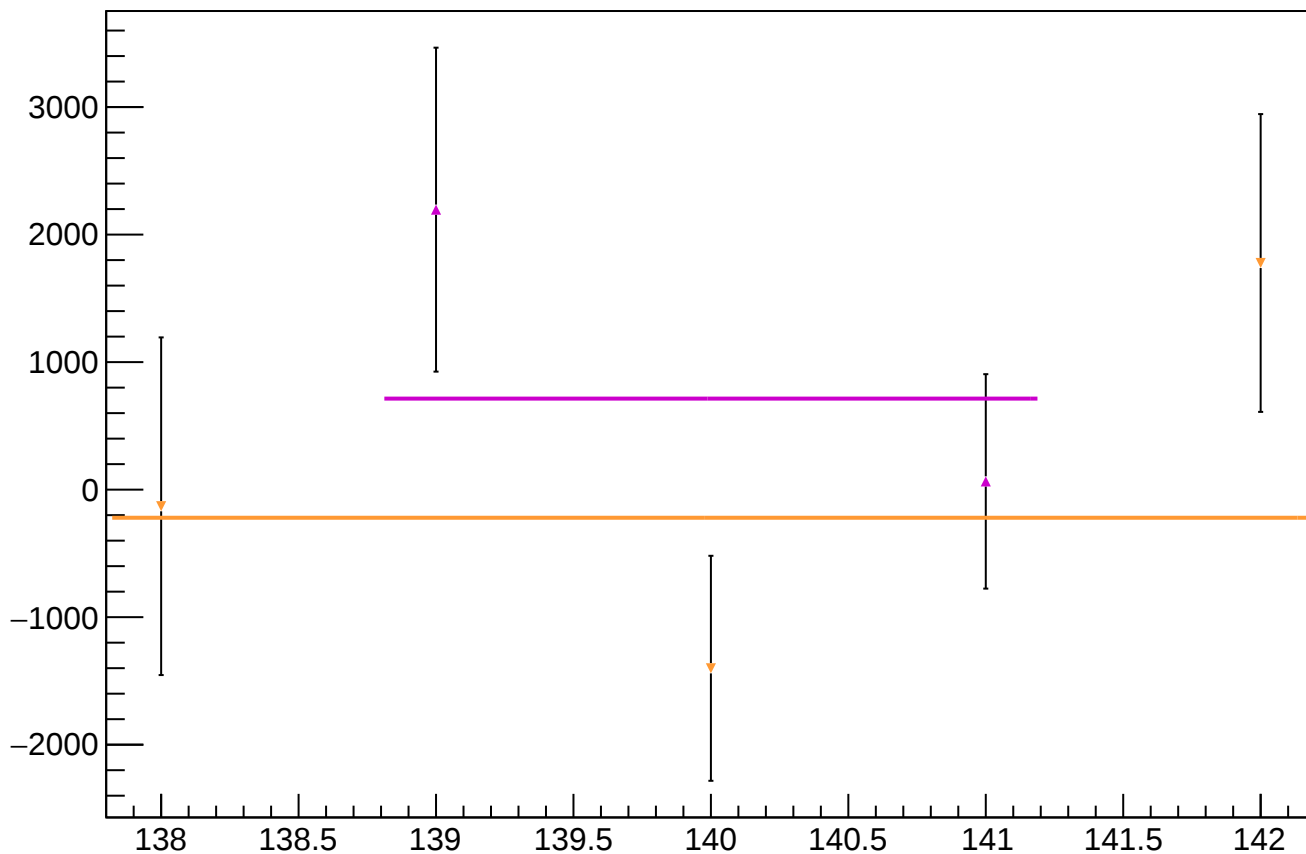
Right: 100.069+/-0.020 χ^2/NDF : 1512254.1/35

In: 103.746+/-0.026 χ^2/NDF : 723314.0/18

Out: 103.391+/-0.025 χ^2/NDF : 1079907.2/21

All: 103.564+/-0.018 χ^2/NDF : 1803315.3/40

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -220.410+/-621.497 χ^2/NDF : 4.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 713.883+/-701.101 χ^2/NDF : 2.0/1

Left: 190.707+/-465.074 χ^2/NDF : 7.7/4

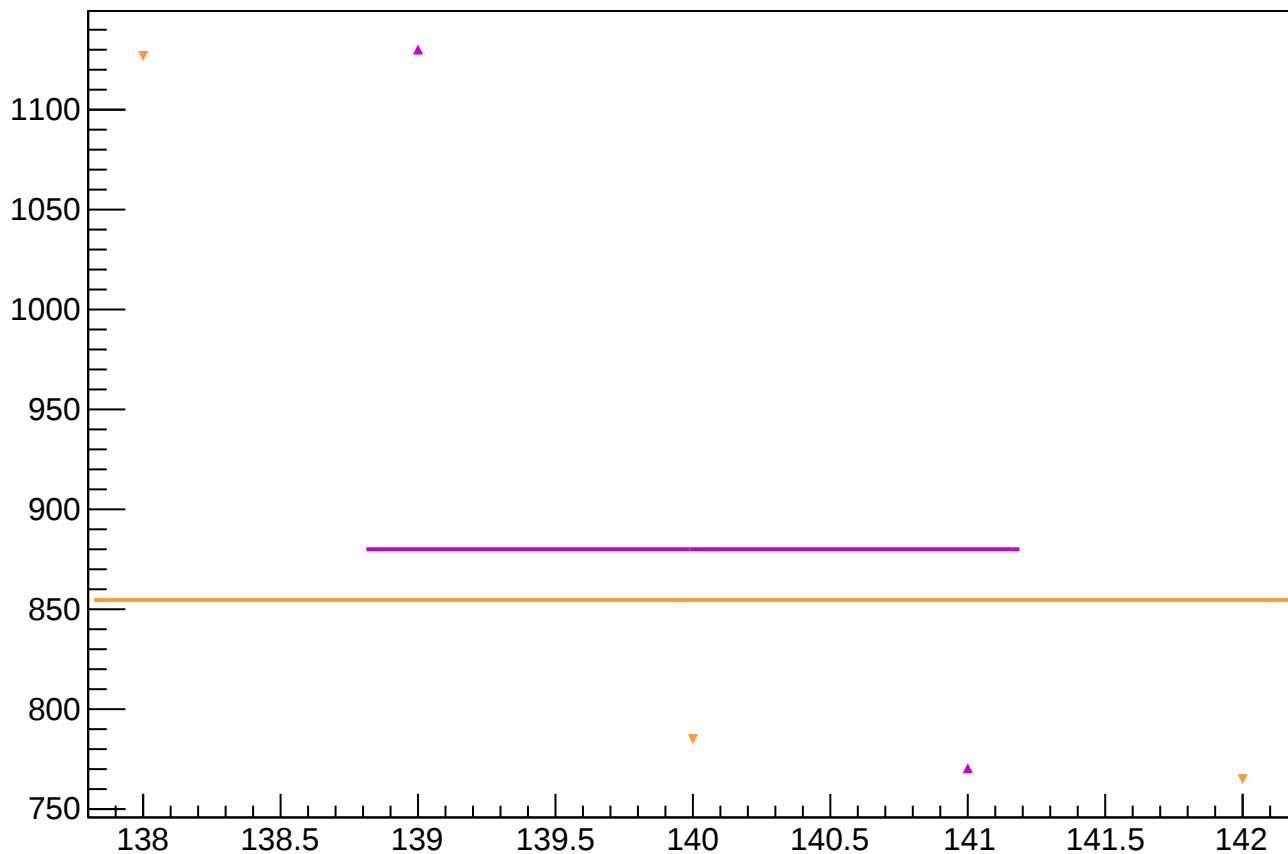
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.883+/-701.101 χ^2/NDF : 2.0/1

Out: -220.410+/-621.497 χ^2/NDF : 4.7/2

All: 190.707+/-465.074 χ^2/NDF : 7.7/4

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 854.654+/-0.439 χ^2/NDF :108805.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 880.025+/-0.496 χ^2/NDF :111520.8/1

Left: 865.818+/-0.329 χ^2/NDF : 221792.3/4

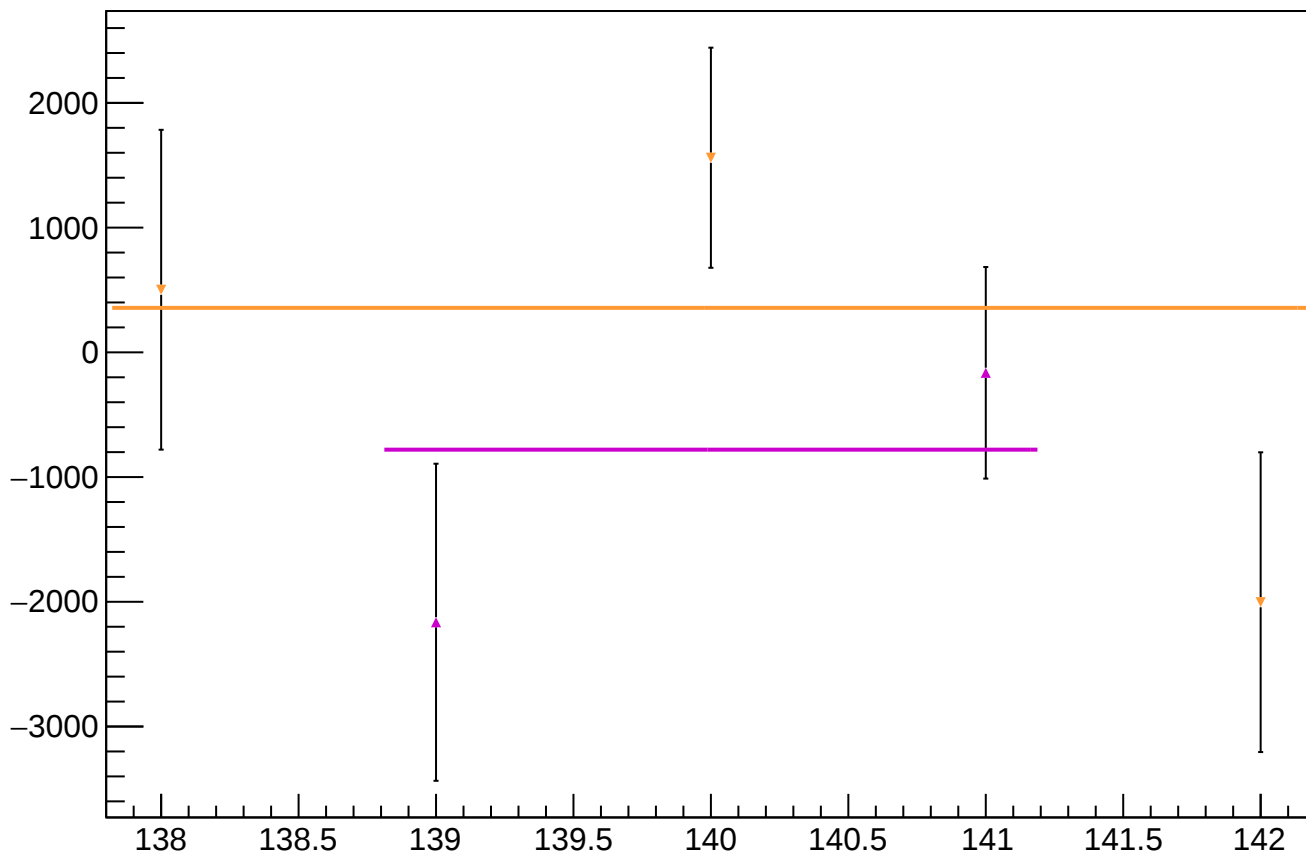
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 880.025+/-0.496 χ^2/NDF :111520.8/1

Out: 854.654+/-0.439 χ^2/NDF :108805.0/2

All: 865.818+/-0.329 χ^2/NDF : 221792.3/4

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 356.730+/-621.952 χ^2/NDF : 5.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -780.250+/-705.532 χ^2/NDF : 1.7/1

Left: -140.458+/-466.552 χ^2/NDF : 8.9/4

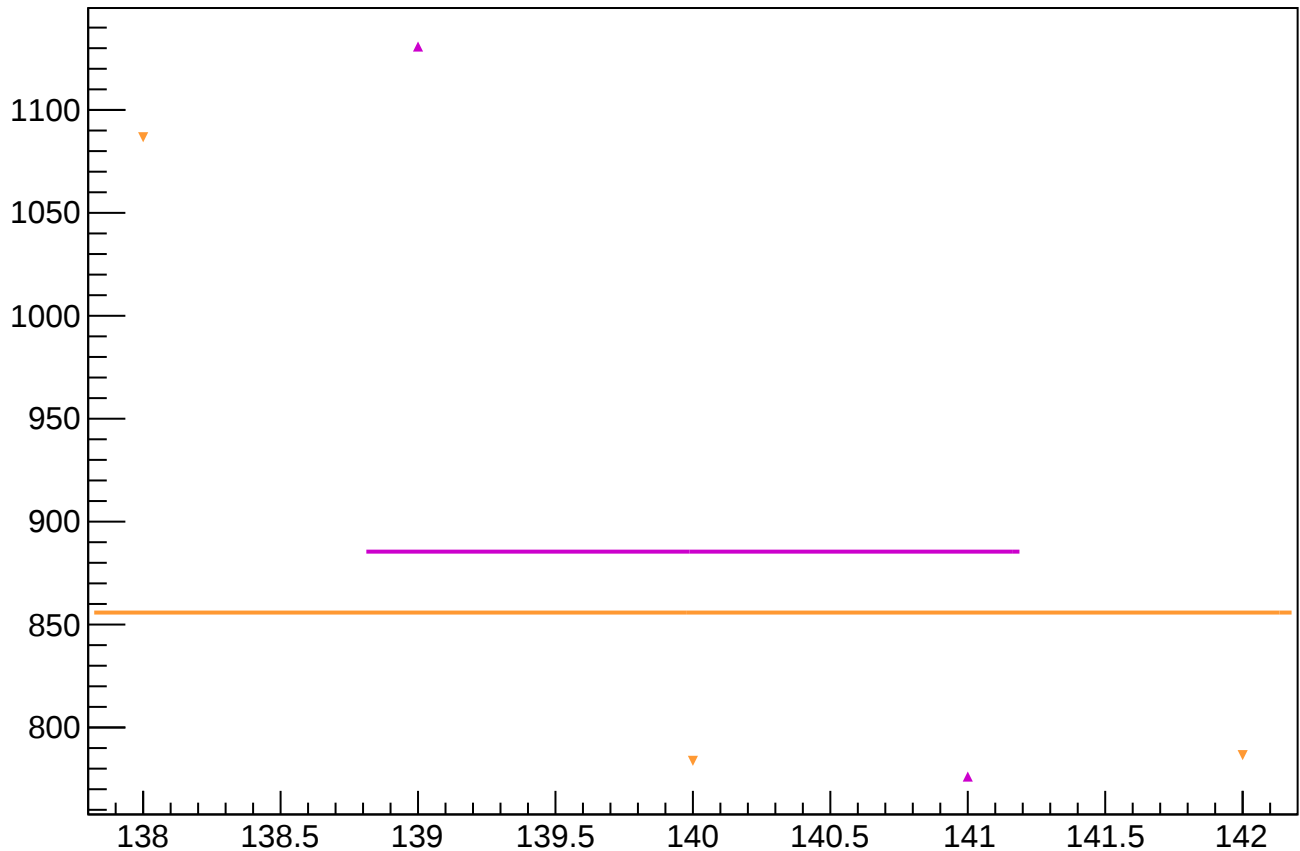
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -780.250+/-705.532 χ^2/NDF : 1.7/1

Out: 356.730+/-621.952 χ^2/NDF : 5.7/2

All: -140.458+/-466.552 χ^2/NDF : 8.9/4

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 855.827+/-0.440 χ^2/NDF :84850.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 885.422+/-0.499 χ^2/NDF :107732.4/1

Left: 868.768+/-0.330 χ^2/NDF : 194563.1/4

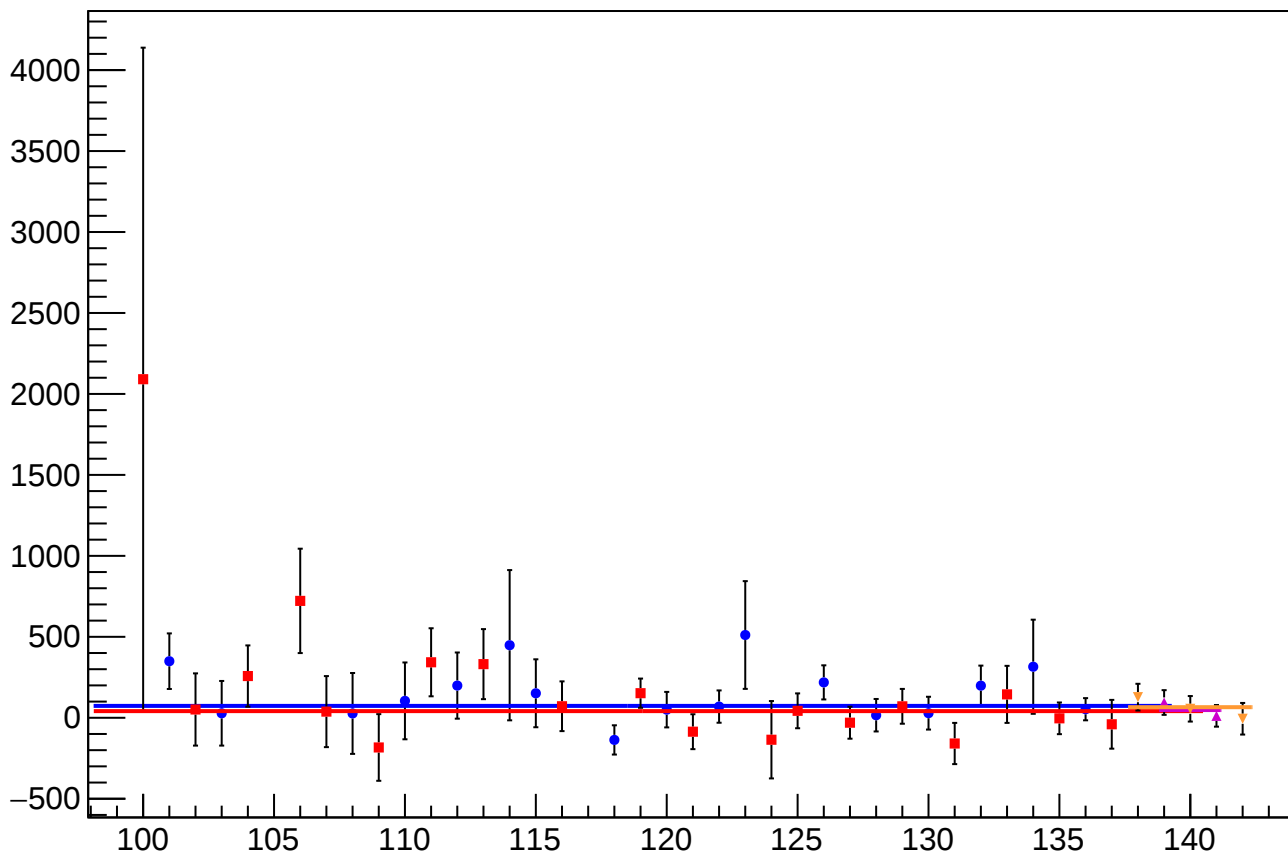
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 885.422+/-0.499 χ^2/NDF :107732.4/1

Out: 855.827+/-0.440 χ^2/NDF :84850.4/2

All: 868.768+/-0.330 χ^2/NDF : 194563.1/4

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448+/-31.060 χ^2/NDF : 15.3/16

Left Out: 65.444+/-49.205 χ^2/NDF : 1.1/2

Right Out: 41.118+/-32.741 χ^2/NDF : 19.2/18

Left In: 47.732+/-50.251 χ^2/NDF : 0.7/1

Left: 56.774+/-35.157 χ^2/NDF : 1.8/4

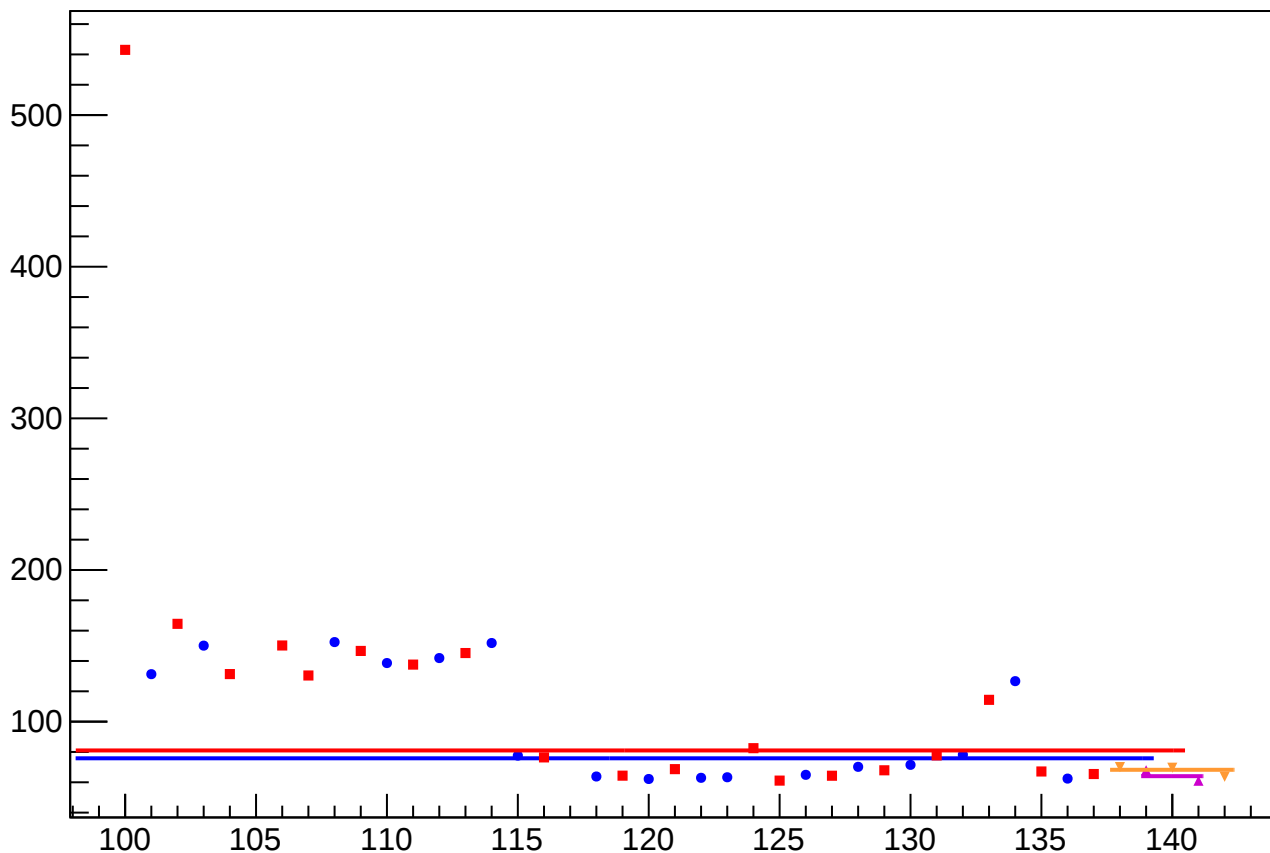
Right: 58.134+/-22.534 χ^2/NDF : 35.0/35

In: 66.339+/-26.421 χ^2/NDF : 16.1/18

Out: 48.583+/-27.258 χ^2/NDF : 20.5/21

All: 57.738+/-18.971 χ^2/NDF : 36.8/40

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 +/- 0.022 χ^2/NDF : 1349961.8/16

Left Out: 68.237 +/- 0.035 χ^2/NDF : 6040.4/2

Right Out: 80.999 +/- 0.023 χ^2/NDF : 1627899.8/18

Left In: 64.035 +/- 0.036 χ^2/NDF : 9317.7/1

Left: 66.180 +/- 0.025 χ^2/NDF : 22497.3/4

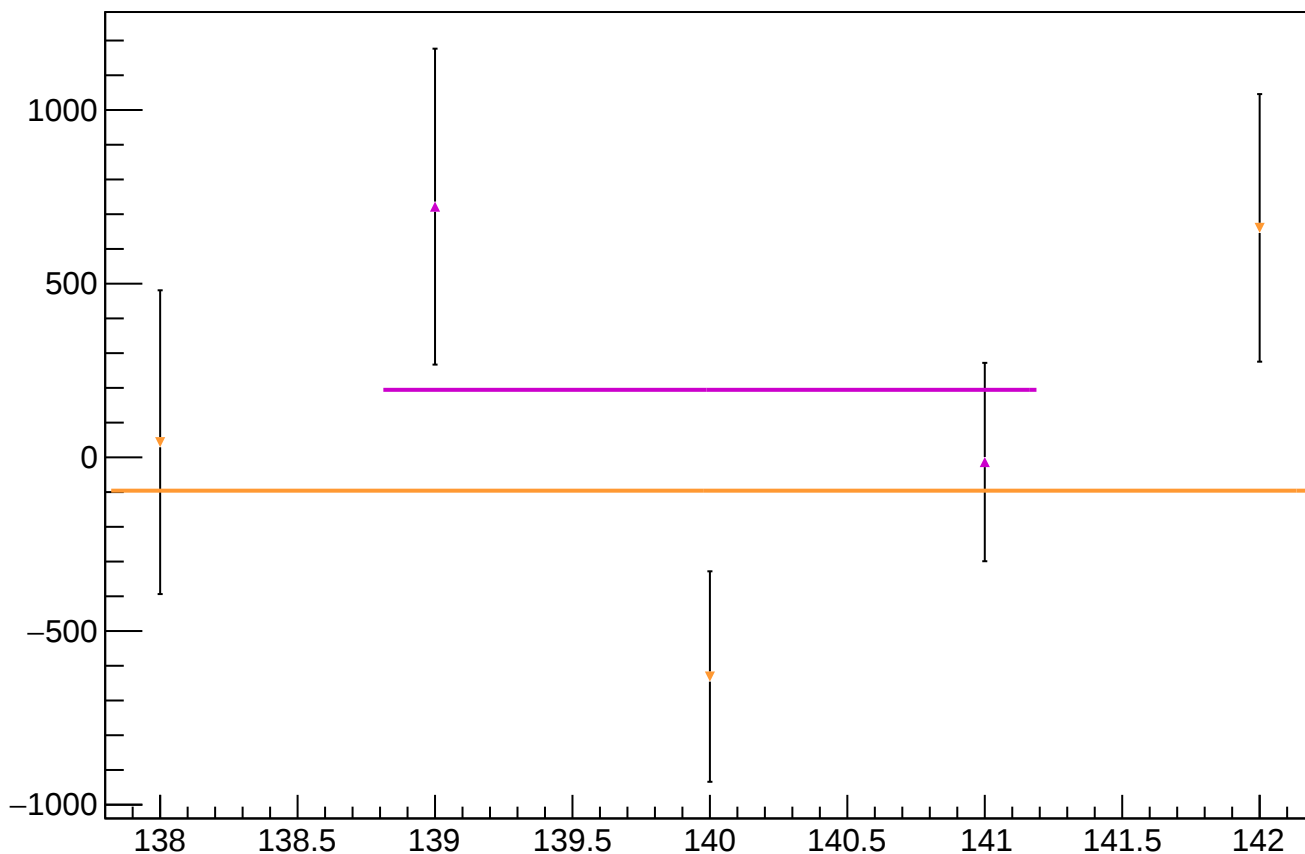
Right: 78.273 +/- 0.016 χ^2/NDF : 3004207.0/35

In: 72.562 +/- 0.019 χ^2/NDF : 1438868.3/18

Out: 77.083 +/- 0.019 χ^2/NDF : 1727201.2/21

All: 74.752 +/- 0.013 χ^2/NDF : 3194435.1/40

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -95.914+/-209.142 χ^2/NDF : 7.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 194.408+/-241.824 χ^2/NDF : 1.9/1

Left: 28.317+/-158.188 χ^2/NDF : 9.8/4

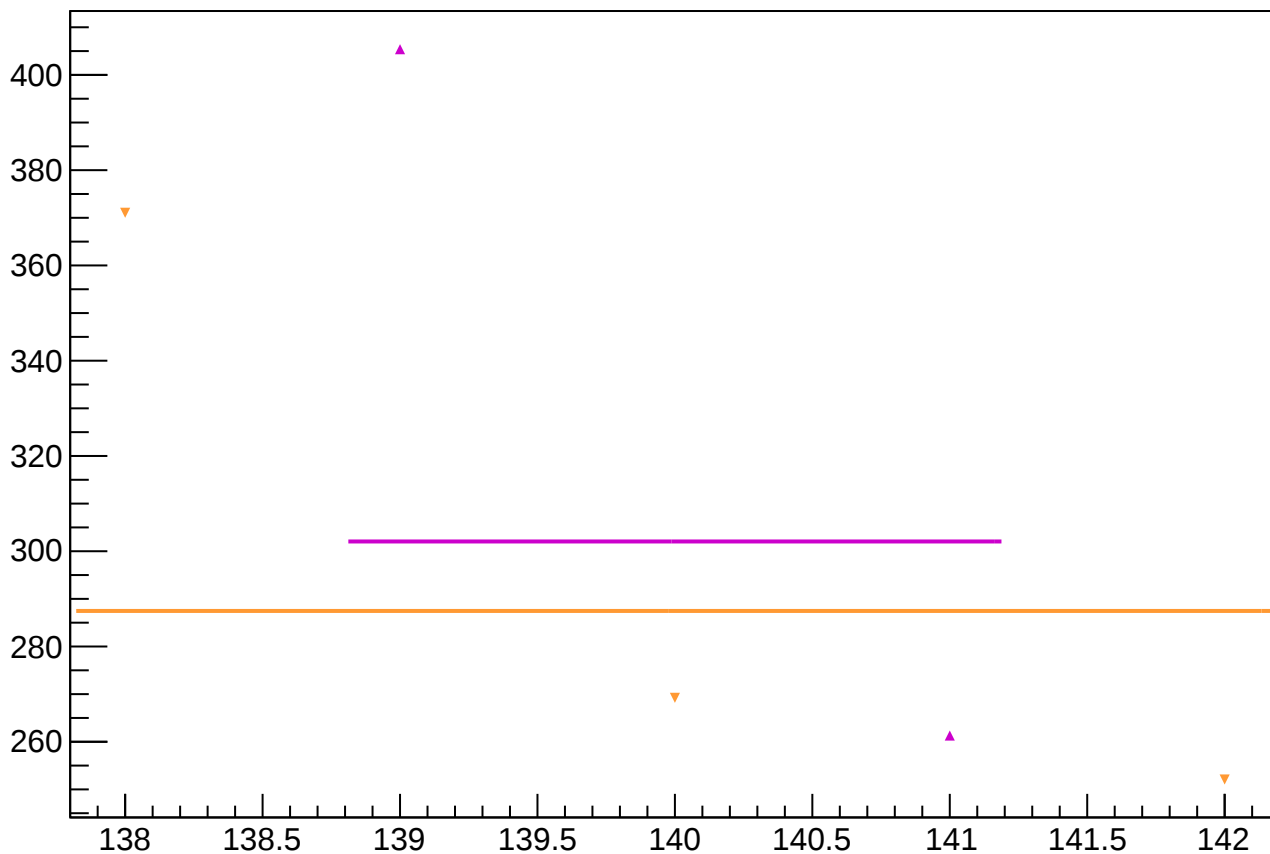
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.408+/-241.824 χ^2/NDF : 1.9/1

Out: -95.914+/-209.142 χ^2/NDF : 7.1/2

All: 28.317+/-158.188 χ^2/NDF : 9.8/4

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 287.465+/-0.148 χ^2/NDF :97213.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 302.050+/-0.171 χ^2/NDF :144004.4/1

Left: 293.706+/-0.112 χ^2/NDF : 245379.8/4

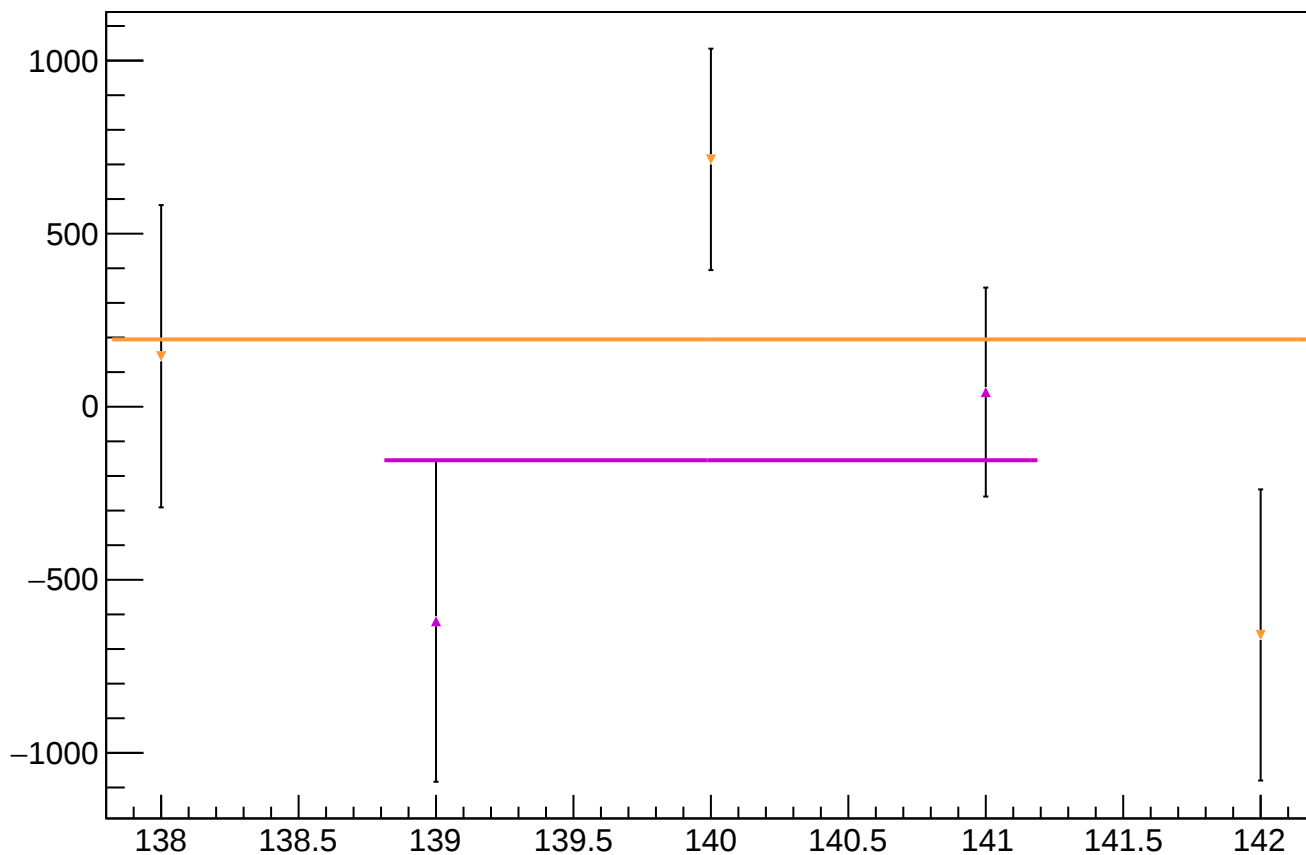
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 302.050+/-0.171 χ^2/NDF :144004.4/1

Out: 287.465+/-0.148 χ^2/NDF :97213.7/2

All: 293.706+/-0.112 χ^2/NDF : 245379.8/4

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 194.497+/-219.942 χ^2/NDF : 6.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -154.583+/-252.986 χ^2/NDF : 1.4/1

Left: 44.229+/-165.985 χ^2/NDF : 9.3/4

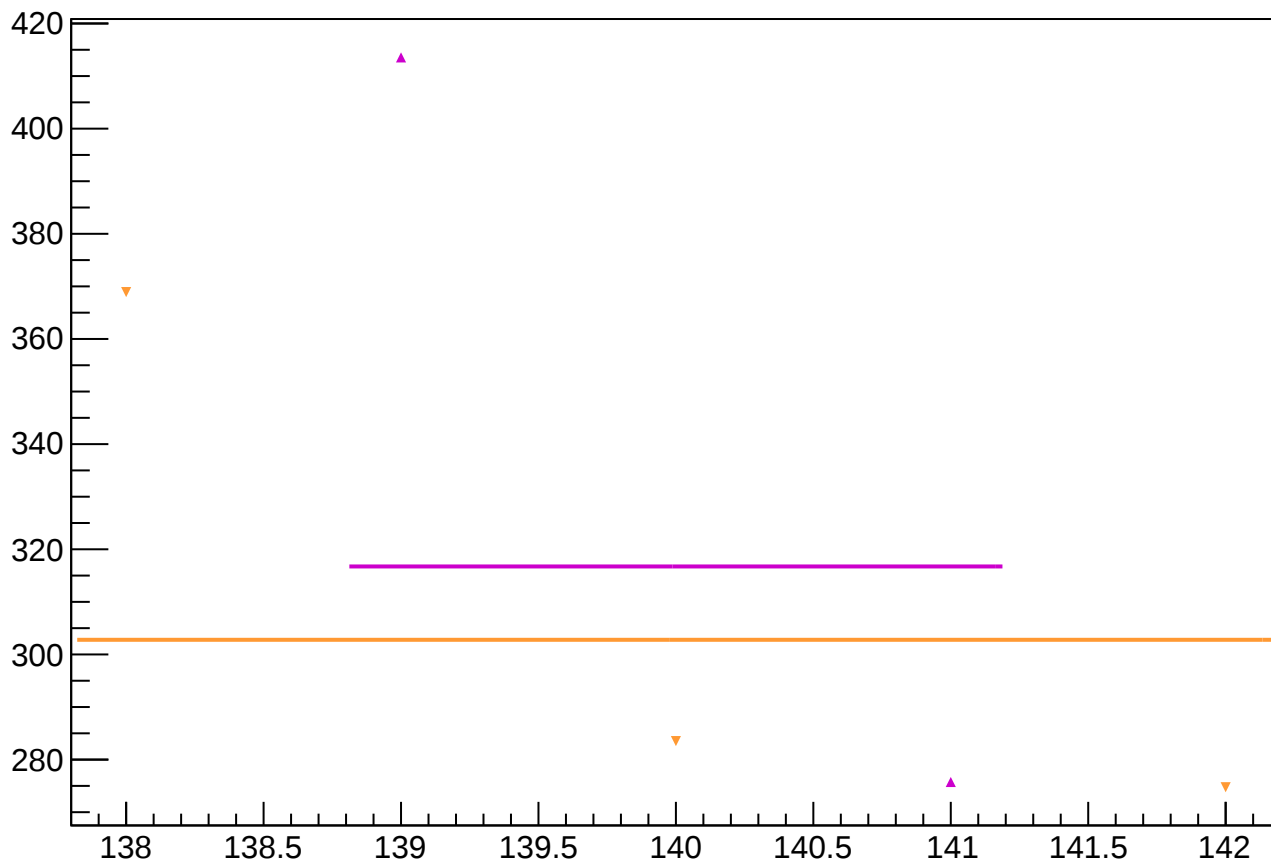
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -154.583+/-252.986 χ^2/NDF : 1.4/1

Out: 194.497+/-219.942 χ^2/NDF : 6.8/2

All: 44.229+/-165.985 χ^2/NDF : 9.3/4

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 302.786+/-0.156 χ^2/NDF : 62018.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 316.734+/-0.179 χ^2/NDF : 124015.0/1

Left: 308.790+/-0.117 χ^2/NDF : 189496.3/4

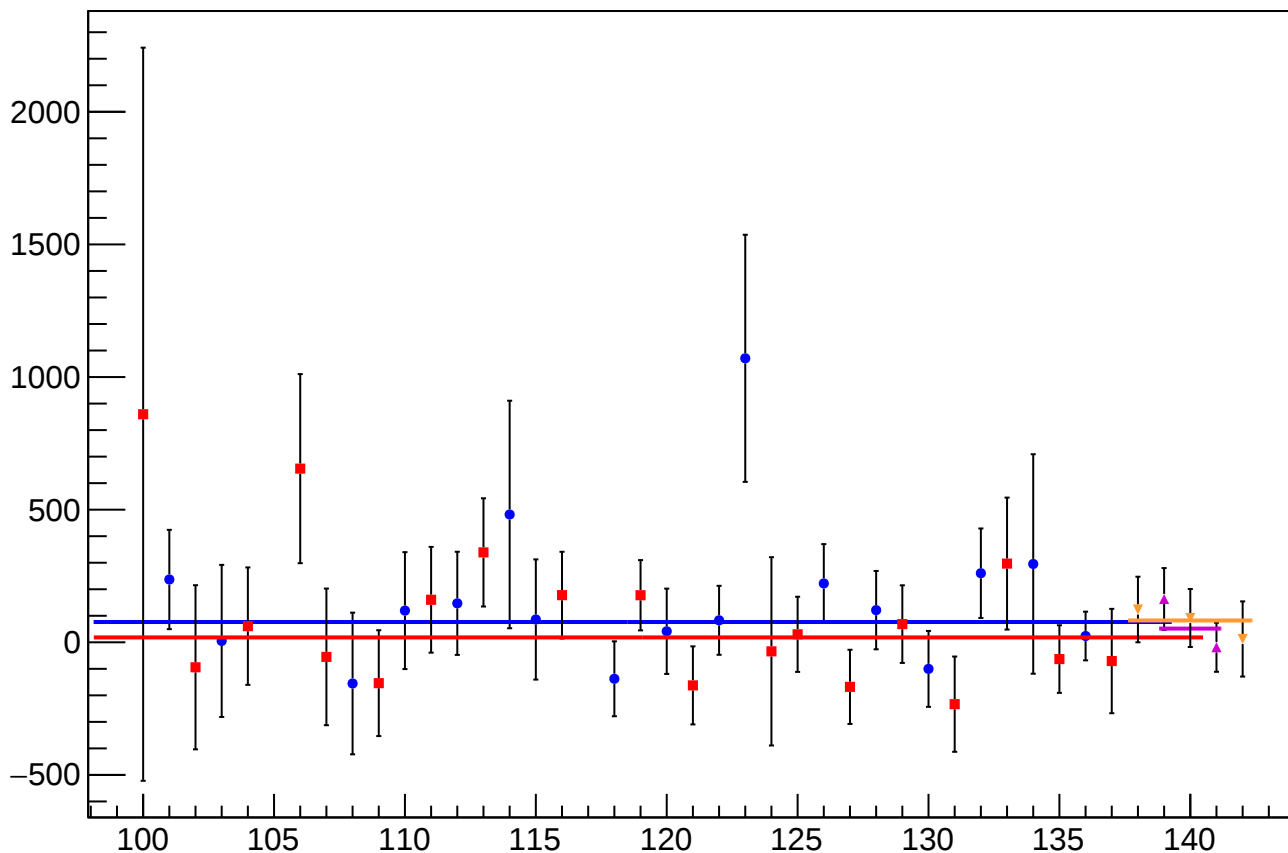
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 316.734+/-0.179 χ^2/NDF : 124015.0/1

Out: 302.786+/-0.156 χ^2/NDF : 62018.9/2

All: 308.790+/-0.117 χ^2/NDF : 189496.3/4

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 82.334 $\pm$ 70.906 χ^2 /NDF:0.4/2

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 51.712 $\pm$ 72.495 χ^2 /NDF:1.5/1

Left: 67.362 $\pm$ 50.690 χ^2 /NDF: 1.9/4

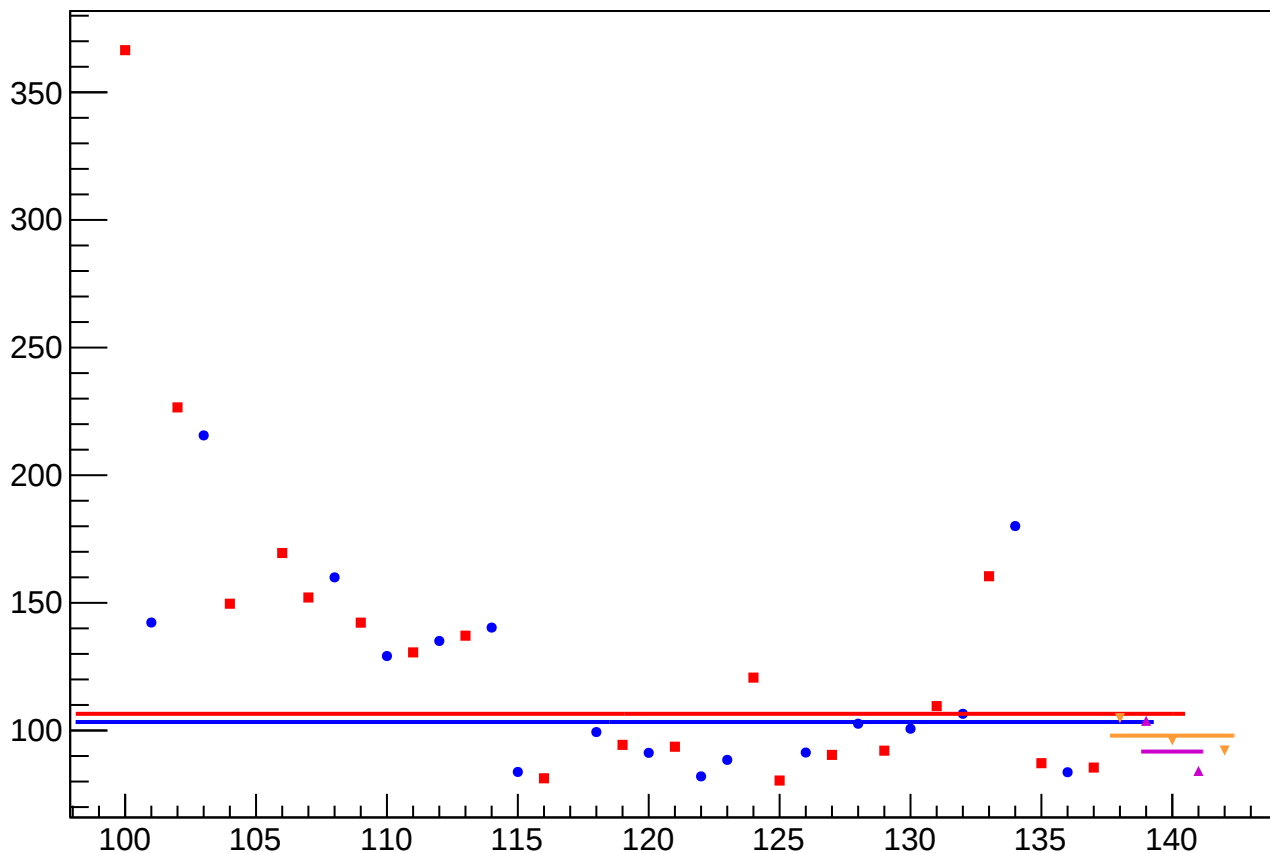
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 70.371 $\pm$ 36.054 χ^2 /NDF:15.5/18

Out: 35.163 $\pm$ 36.313 χ^2 /NDF:18.1/21

All: 52.893 $\pm$ 25.585 χ^2 /NDF: 34.1/40

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318+/-0.029 χ^2/NDF : 837801.7/16

Left Out: 97.990+/-0.050 χ^2/NDF : 10103.3/2

Right Out: 106.532+/-0.030 χ^2/NDF : 1071553.9/18

Left In: 91.744+/-0.051 χ^2/NDF : 34791.6/1

Left: 94.936+/-0.036 χ^2/NDF : 52482.3/4

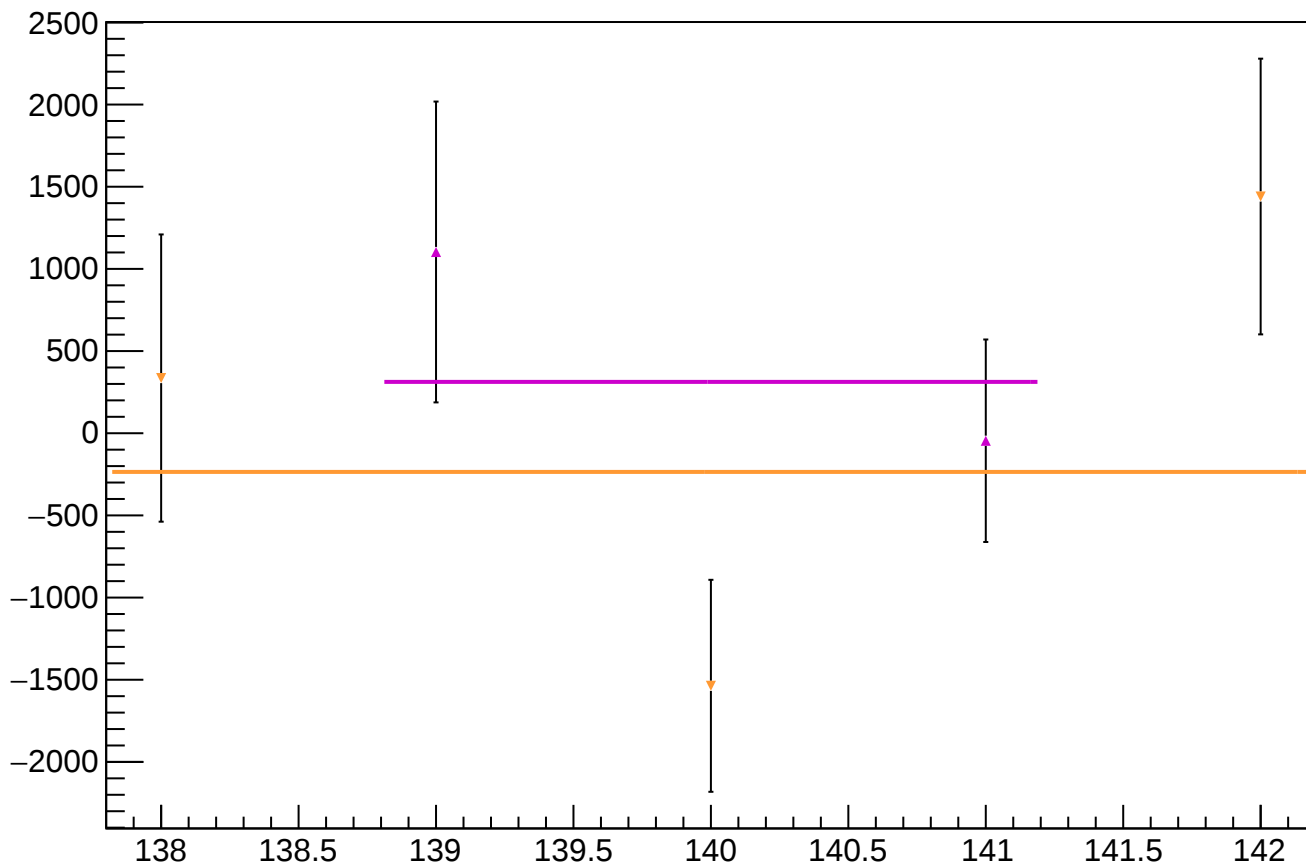
Right: 104.897+/-0.021 χ^2/NDF : 1915236.3/35

In: 100.455+/-0.025 χ^2/NDF : 910959.6/18

Out: 104.292+/-0.026 χ^2/NDF : 1103071.5/21

All: 102.360+/-0.018 χ^2/NDF : 2025274.9/40

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -235.352+/-441.305 χ^2/NDF : 8.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 312.454+/-511.091 χ^2/NDF : 1.1/1

Left: -1.374+/-334.020 χ^2/NDF : 10.2/4

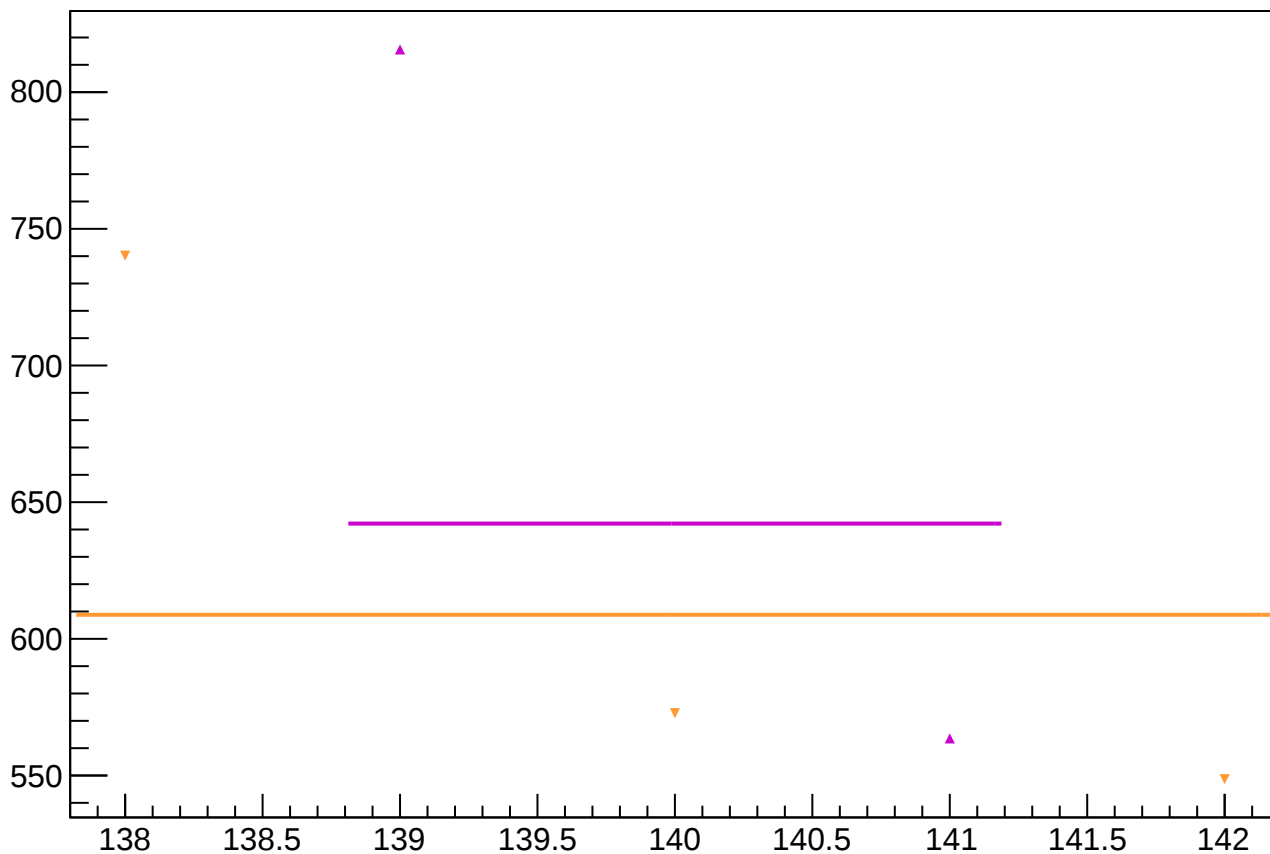
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 312.454+/-511.091 χ^2/NDF : 1.1/1

Out: -235.352+/-441.305 χ^2/NDF : 8.5/2

All: -1.374+/-334.020 χ^2/NDF : 10.2/4

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 608.799+/-0.312 χ^2/NDF :61714.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 642.164+/-0.361 χ^2/NDF :104382.3/1

Left: 623.050+/-0.236 χ^2/NDF : 170979.4/4

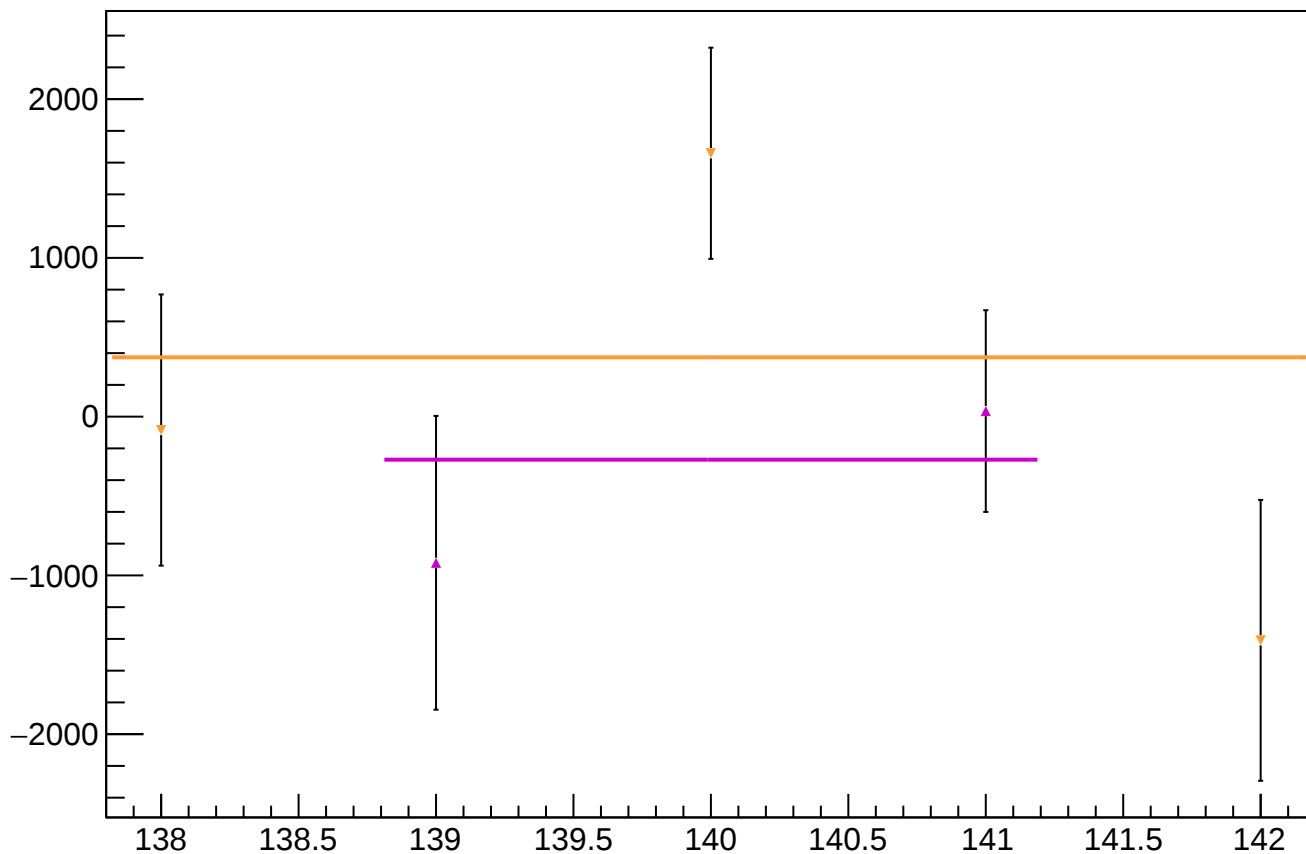
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 642.164+/-0.361 χ^2/NDF :104382.3/1

Out: 608.799+/-0.312 χ^2/NDF :61714.0/2

All: 623.050+/-0.236 χ^2/NDF : 170979.4/4

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 373.686+/-451.313 χ^2/NDF :8.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -271.003+/-523.679 χ^2/NDF :0.7/1

Left: 98.929+/-341.872 χ^2/NDF : 9.7/4

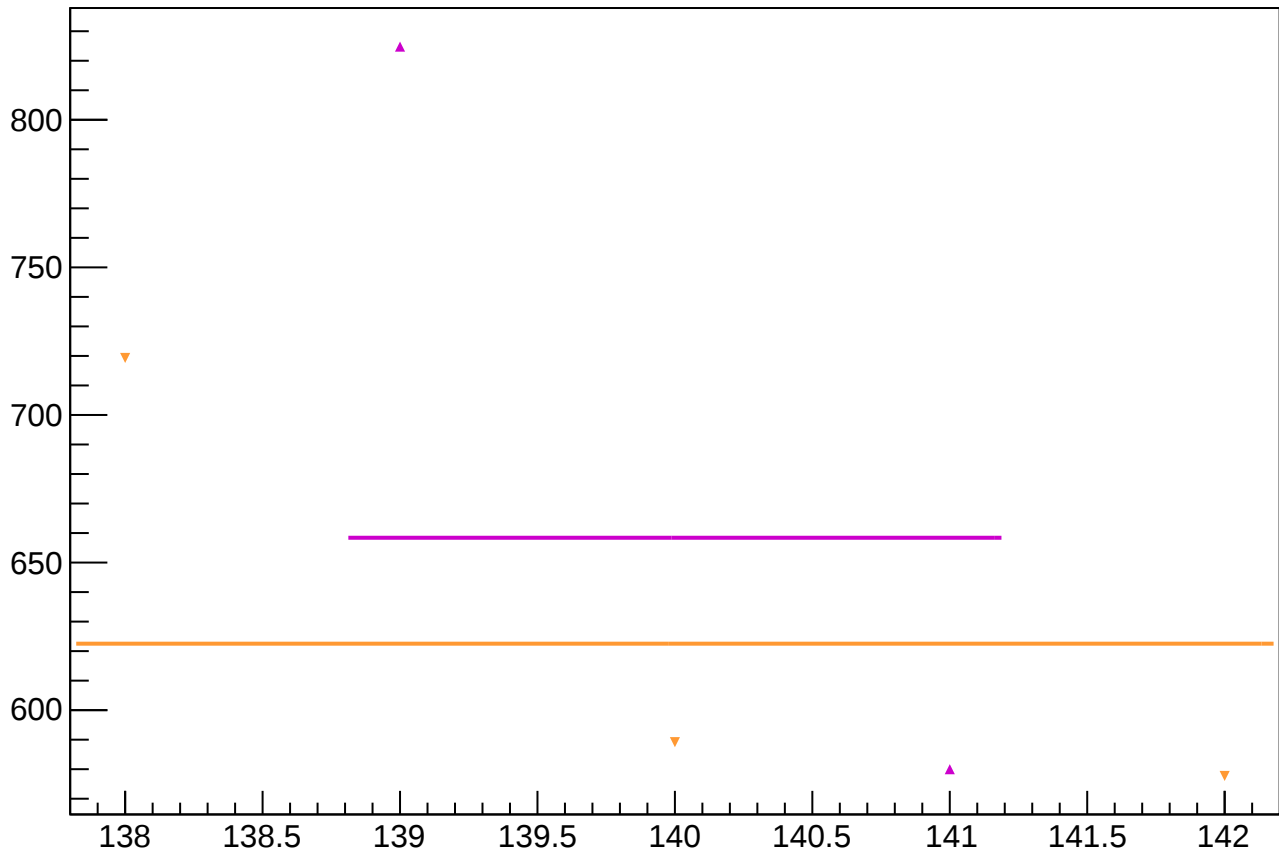
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -271.003+/-523.679 χ^2/NDF :0.7/1

Out: 373.686+/-451.313 χ^2/NDF :8.1/2

All: 98.929+/-341.872 χ^2/NDF : 9.7/4

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 622.521+/-0.319 χ^2/NDF : 35855.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 658.405+/-0.370 χ^2/NDF : 95144.2/1

Left: 637.814+/-0.242 χ^2/NDF : 136388.6/4

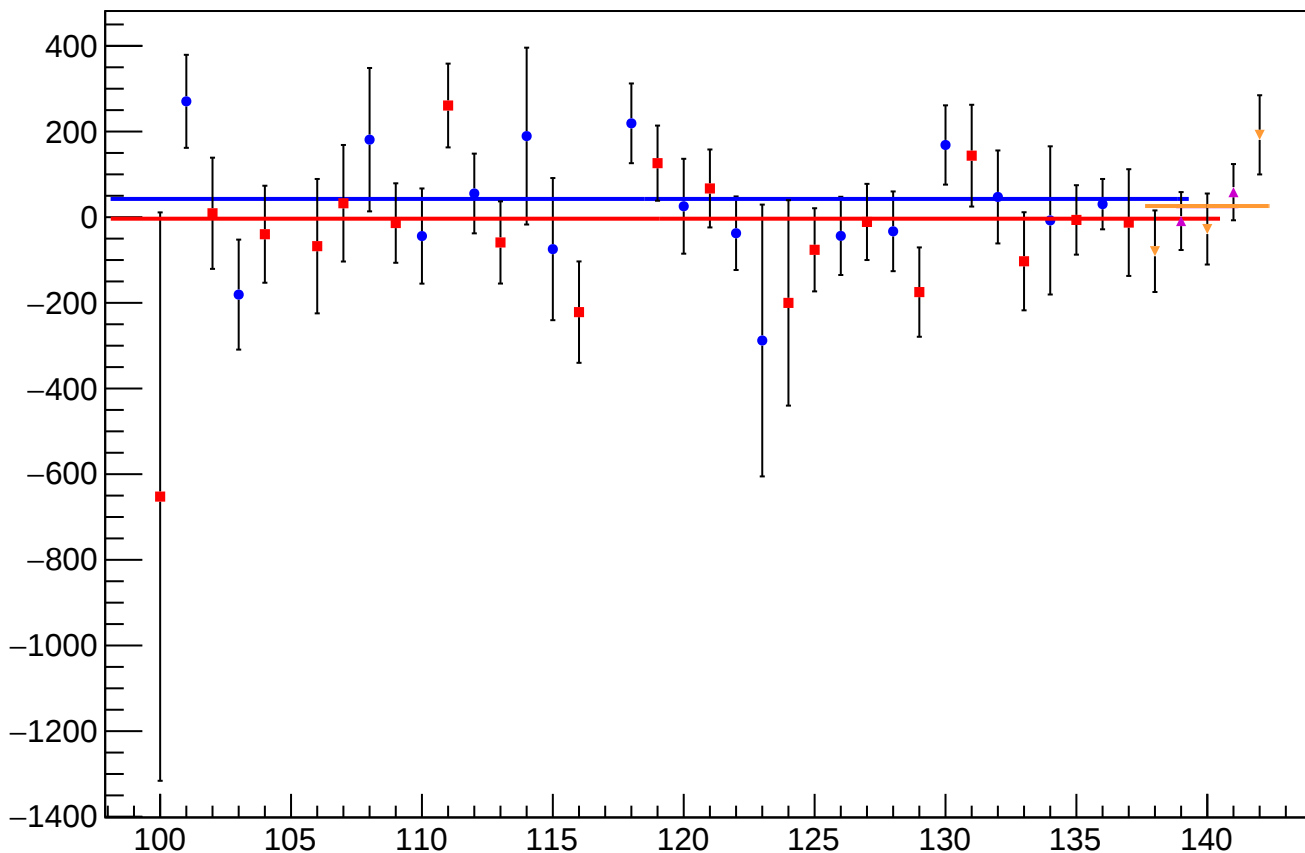
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 658.405+/-0.370 χ^2/NDF : 95144.2/1

Out: 622.521+/-0.319 χ^2/NDF : 35855.7/2

All: 637.814+/-0.242 χ^2/NDF : 136388.6/4

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: 26.076 $\pm$ 51.795 χ^2 /NDF:4.9/2

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: 25.713 $\pm$ 47.101 χ^2 /NDF:0.5/1

Left: 25.877 $\pm$ 34.847 χ^2 /NDF: 5.4/4

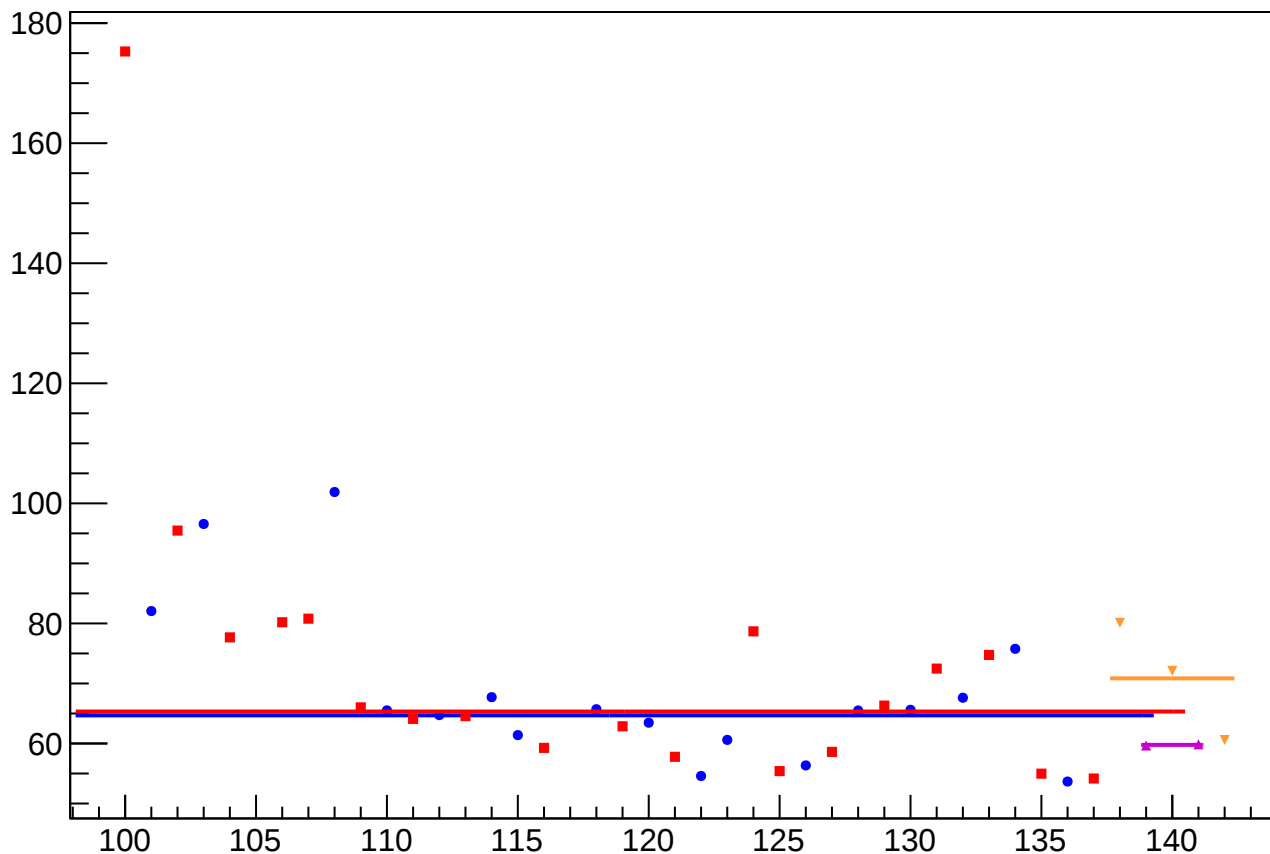
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 38.817 $\pm$ 22.415 χ^2 /NDF:19.5/18

Out: 2.111 $\pm$ 22.566 χ^2 /NDF:26.5/21

All: 20.587 $\pm$ 15.903 χ^2 /NDF: 47.3/40

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: 70.850 $\pm$ 0.037 χ^2 /NDF: 44031.0/2

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 59.769 $\pm$ 0.033 χ^2 /NDF: 9.5/1

Left: 64.785 $\pm$ 0.025 χ^2 /NDF: 94147.4/4

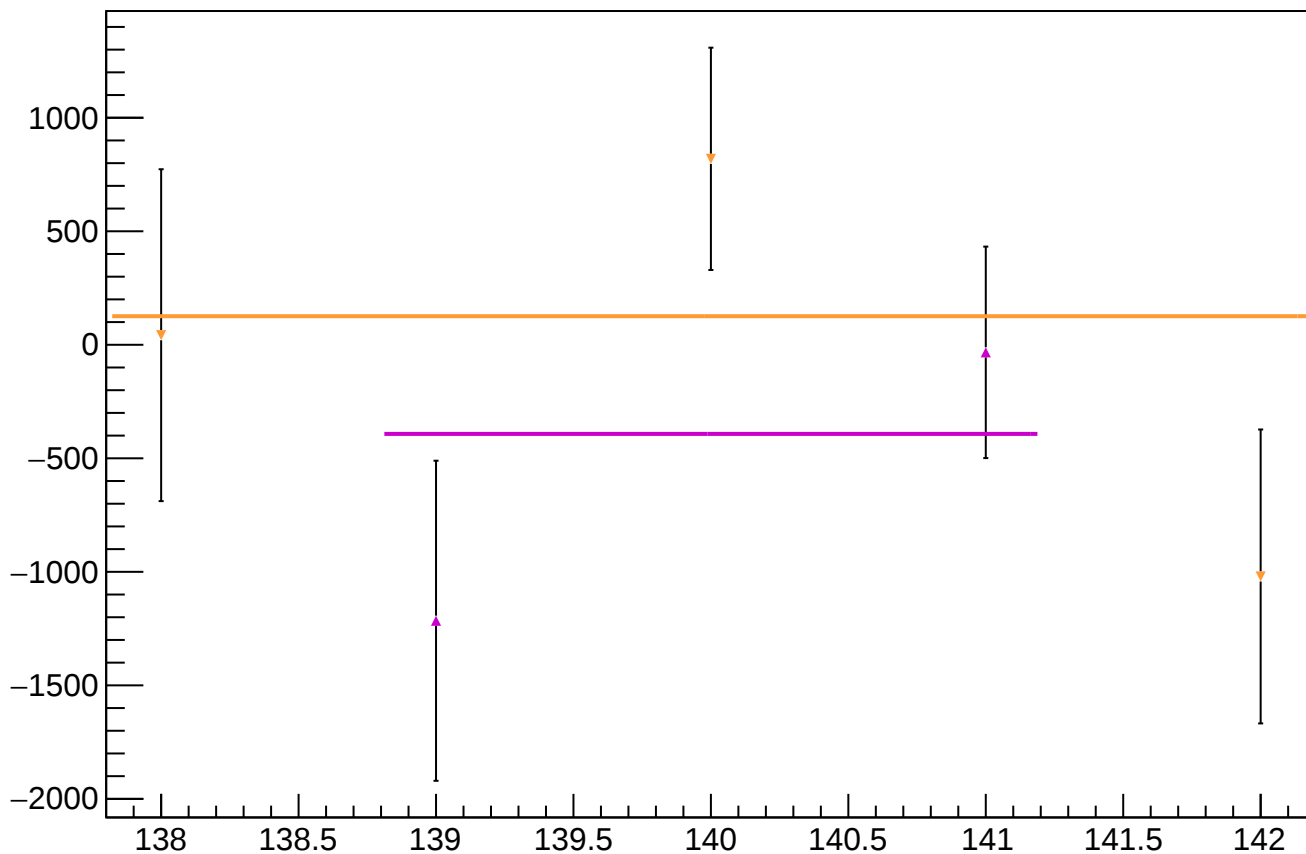
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 63.572 $\pm$ 0.016 χ^2 /NDF: 417052.1/18

Out: 66.373 $\pm$ 0.016 χ^2 /NDF: 422044.8/21

All: 64.963 $\pm$ 0.011 χ^2 /NDF: 854610.4/40

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: 125.861+/-344.400 χ^2/NDF :5.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -392.534+/-388.574 χ^2/NDF :2.0/1

Left: -102.208+/-257.736 χ^2/NDF : 8.1/4

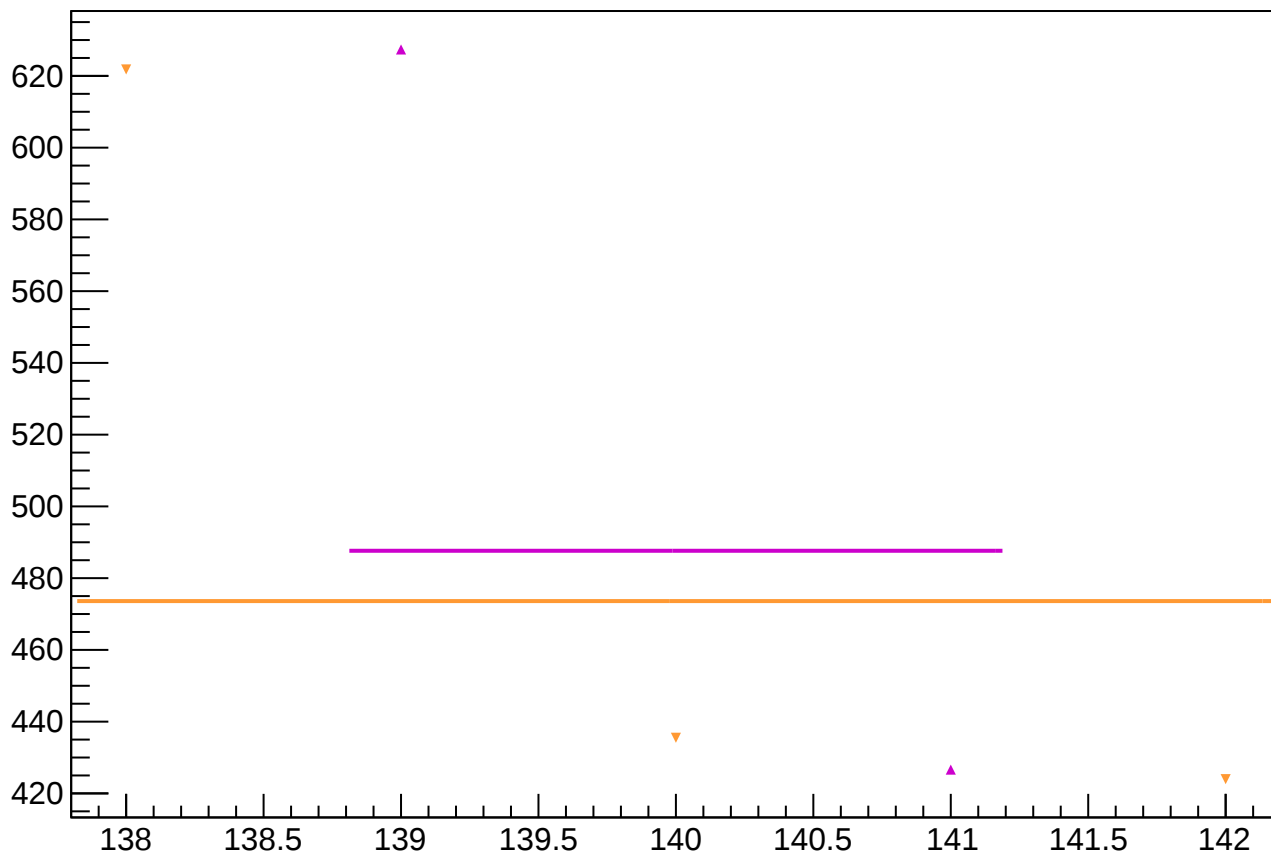
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -392.534+/-388.574 χ^2/NDF :2.0/1

Out: 125.861+/-344.400 χ^2/NDF :5.2/2

All: -102.208+/-257.736 χ^2/NDF : 8.1/4

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: 473.607+/-0.244 χ^2/NDF :106098.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 487.632+/-0.275 χ^2/NDF :112911.3/1

Left: 479.777+/-0.182 χ^2/NDF : 220469.0/4

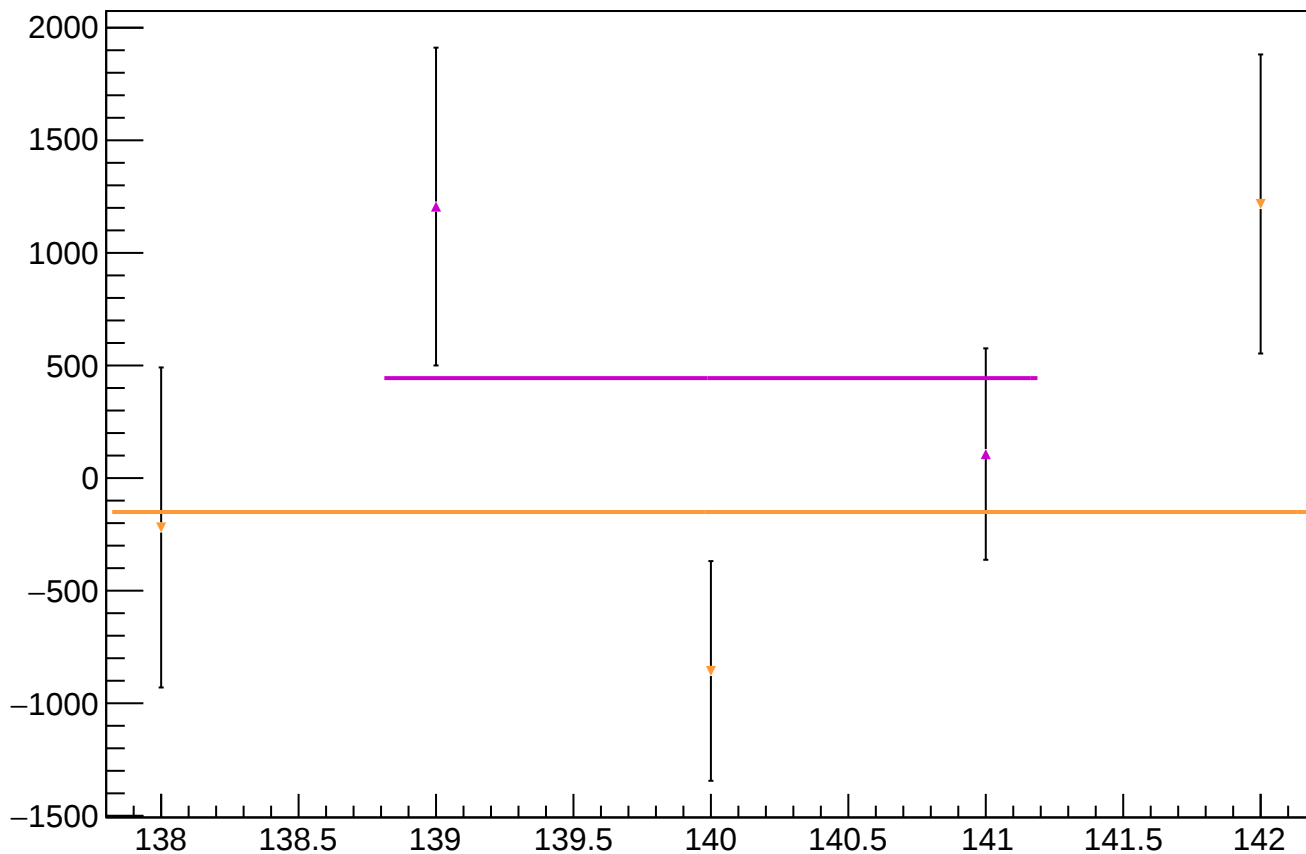
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 487.632+/-0.275 χ^2/NDF :112911.3/1

Out: 473.607+/-0.244 χ^2/NDF :106098.5/2

All: 479.777+/-0.182 χ^2/NDF : 220469.0/4

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -150.691+/-343.995 χ^2/NDF :6.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 443.925+/-390.883 χ^2/NDF :1.7/1

Left: 108.832+/-258.236 χ^2/NDF : 9.3/4

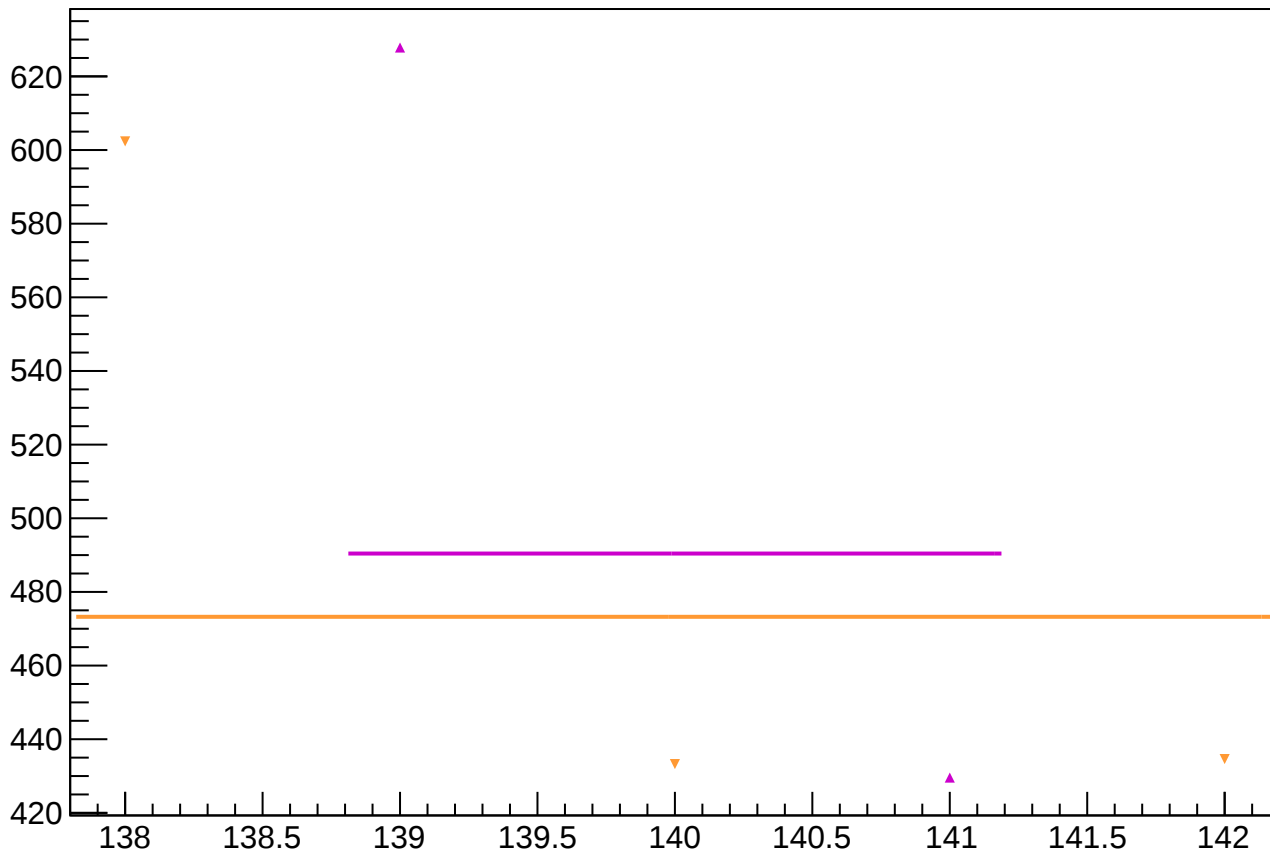
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 443.925+/-390.883 χ^2/NDF :1.7/1

Out: -150.691+/-343.995 χ^2/NDF :6.3/2

All: 108.832+/-258.236 χ^2/NDF : 9.3/4

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 473.243+/-0.243 χ^2/NDF :86233.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 490.422+/-0.276 χ^2/NDF :109434.8/1

Left: 480.741+/-0.183 χ^2/NDF : 197845.4/4

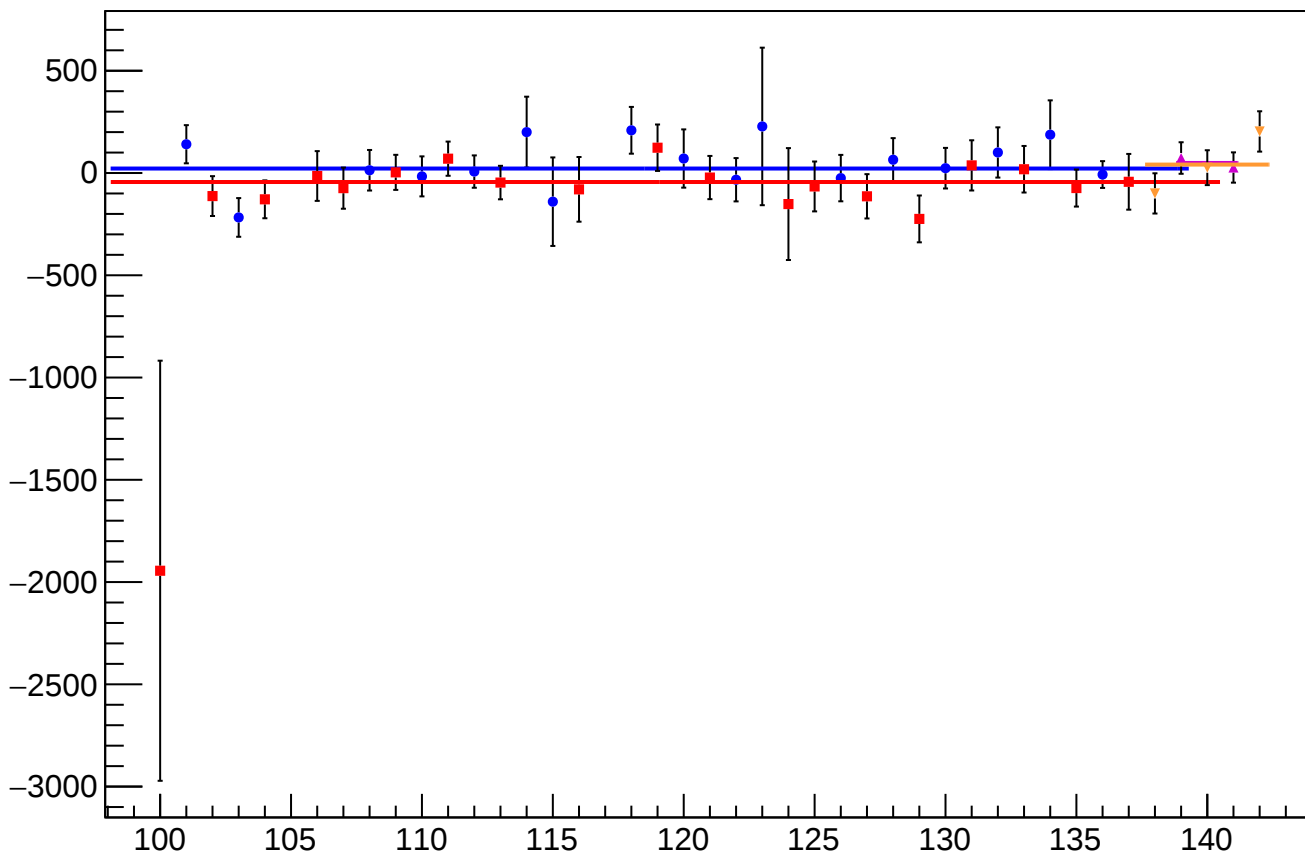
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 490.422+/-0.276 χ^2/NDF :109434.8/1

Out: 473.243+/-0.243 χ^2/NDF :86233.6/2

All: 480.741+/-0.183 χ^2/NDF : 197845.4/4

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908+/-26.055 χ^2/NDF : 15.1/16

Left Out: 41.249+/-53.932 χ^2/NDF : 4.8/2

Right Out: -43.953+/-25.108 χ^2/NDF : 13.3/18

Left In: 49.193+/-53.398 χ^2/NDF : 0.2/1

Left: 45.260+/-37.945 χ^2/NDF : 5.0/4

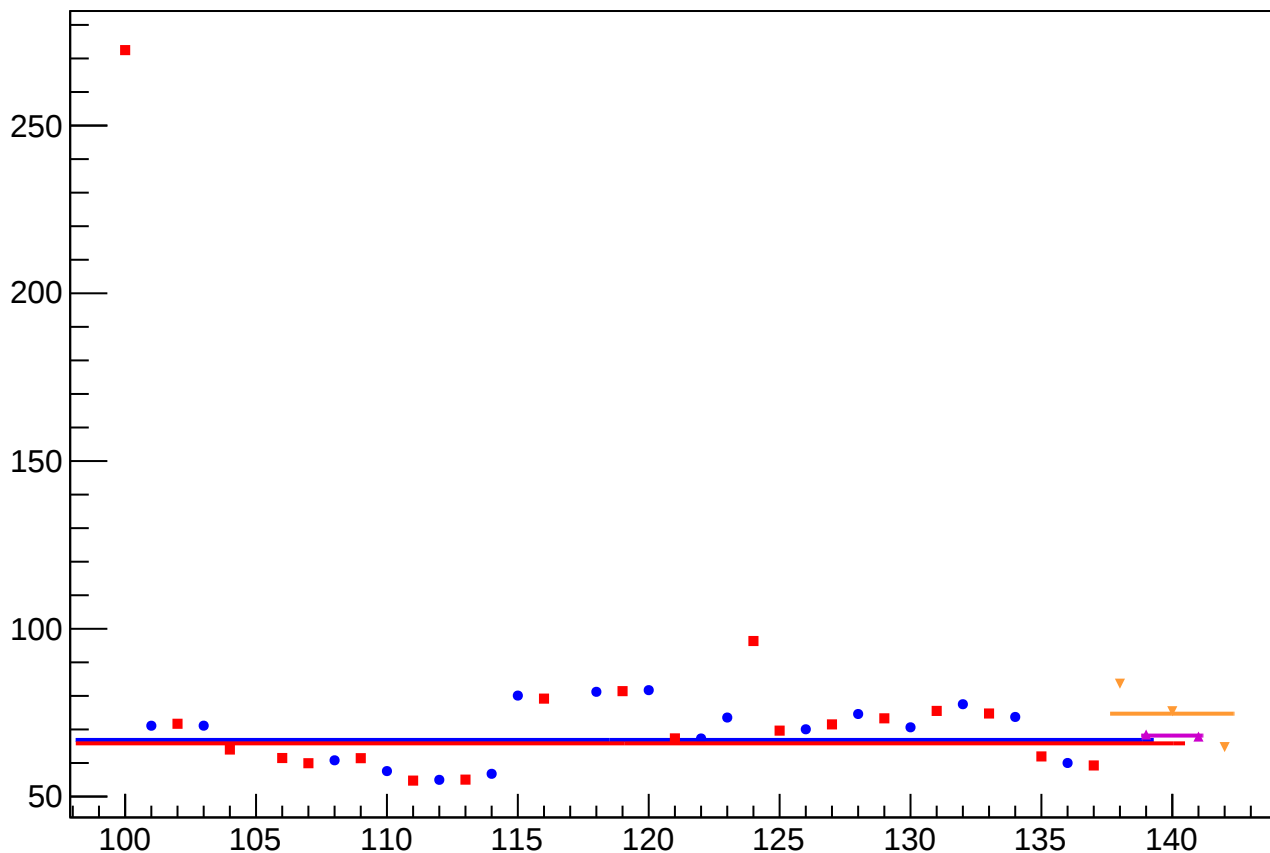
Right: -12.241+/-18.080 χ^2/NDF : 31.7/35

In: 27.155+/-23.416 χ^2/NDF : 15.5/18

Out: -28.776+/-22.763 χ^2/NDF : 20.1/21

All: -1.602+/-16.322 χ^2/NDF : 38.5/40

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: 74.701 $\pm$ 0.038 χ^2 /NDF:37065.0/2

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 68.172 $\pm$ 0.038 χ^2 /NDF:63.6/1

Left: 71.404 $\pm$ 0.027 χ^2 /NDF: 51928.7/4

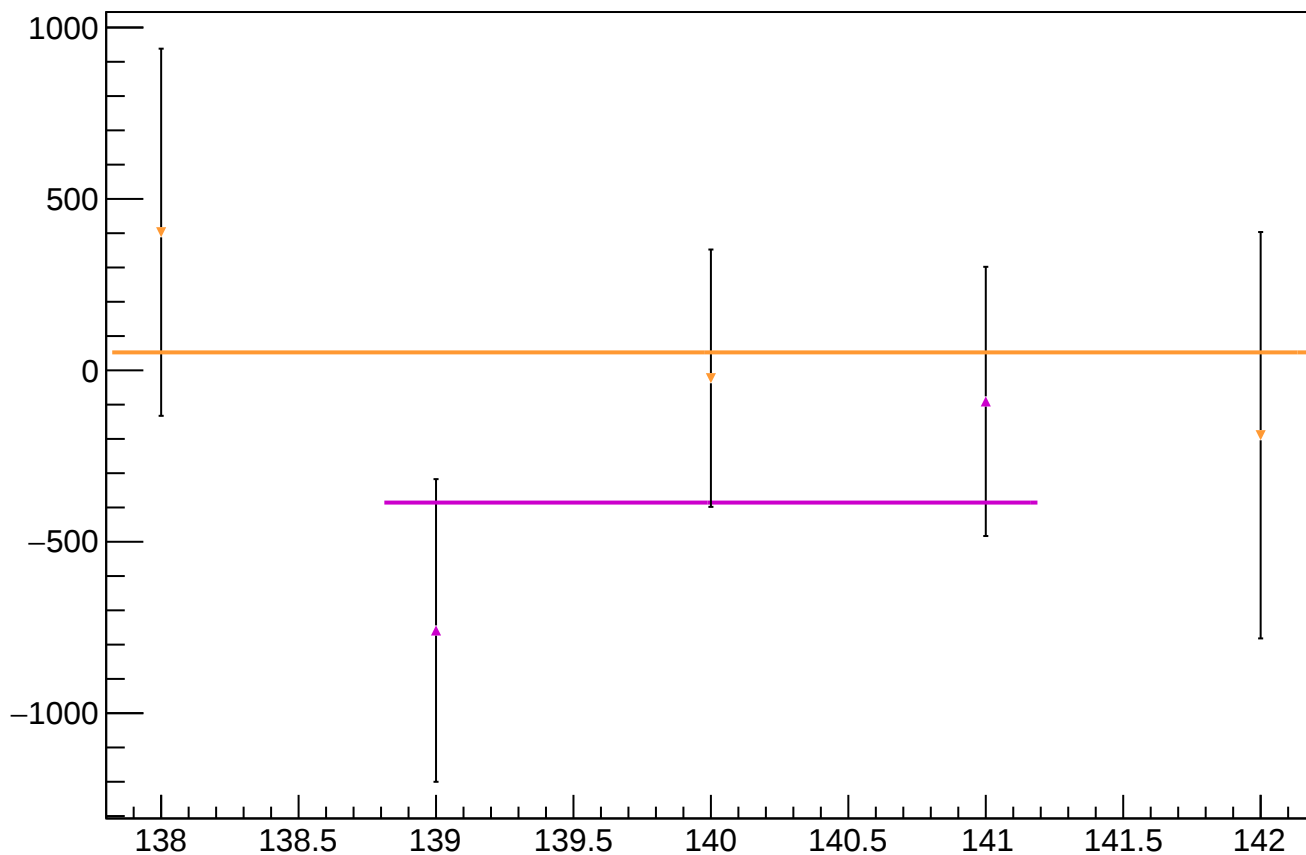
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 67.122 $\pm$ 0.017 χ^2 /NDF:203537.1/18

Out: 67.430 $\pm$ 0.016 χ^2 /NDF:381170.0/21

All: 67.280 $\pm$ 0.012 χ^2 /NDF: 584884.9/40

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: 52.368 $\pm$ 272.835 χ^2 /NDF:0.6/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -385.690 $\pm$ 293.361 χ^2 /NDF:1.3/1

Left: -150.801 $\pm$ 199.786 χ^2 /NDF: 3.1/4

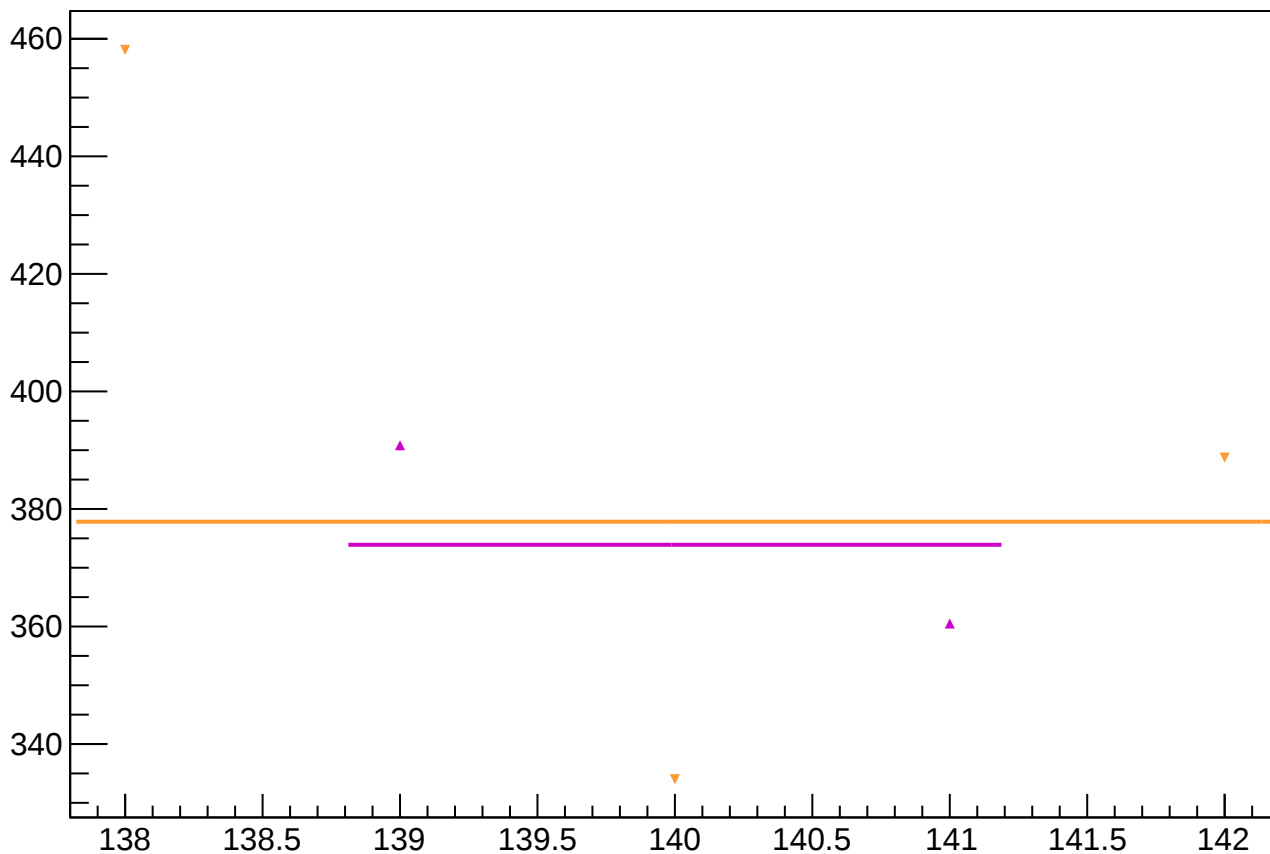
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -385.690 $\pm$ 293.361 χ^2 /NDF:1.3/1

Out: 52.368 $\pm$ 272.835 χ^2 /NDF:0.6/2

All: -150.801 $\pm$ 199.786 χ^2 /NDF: 3.1/4

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: 377.828+/-0.193 χ^2/NDF : 72896.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 373.906+/-0.207 χ^2/NDF : 5272.5/1

Left: 376.009+/-0.141 χ^2/NDF : 78360.6/4

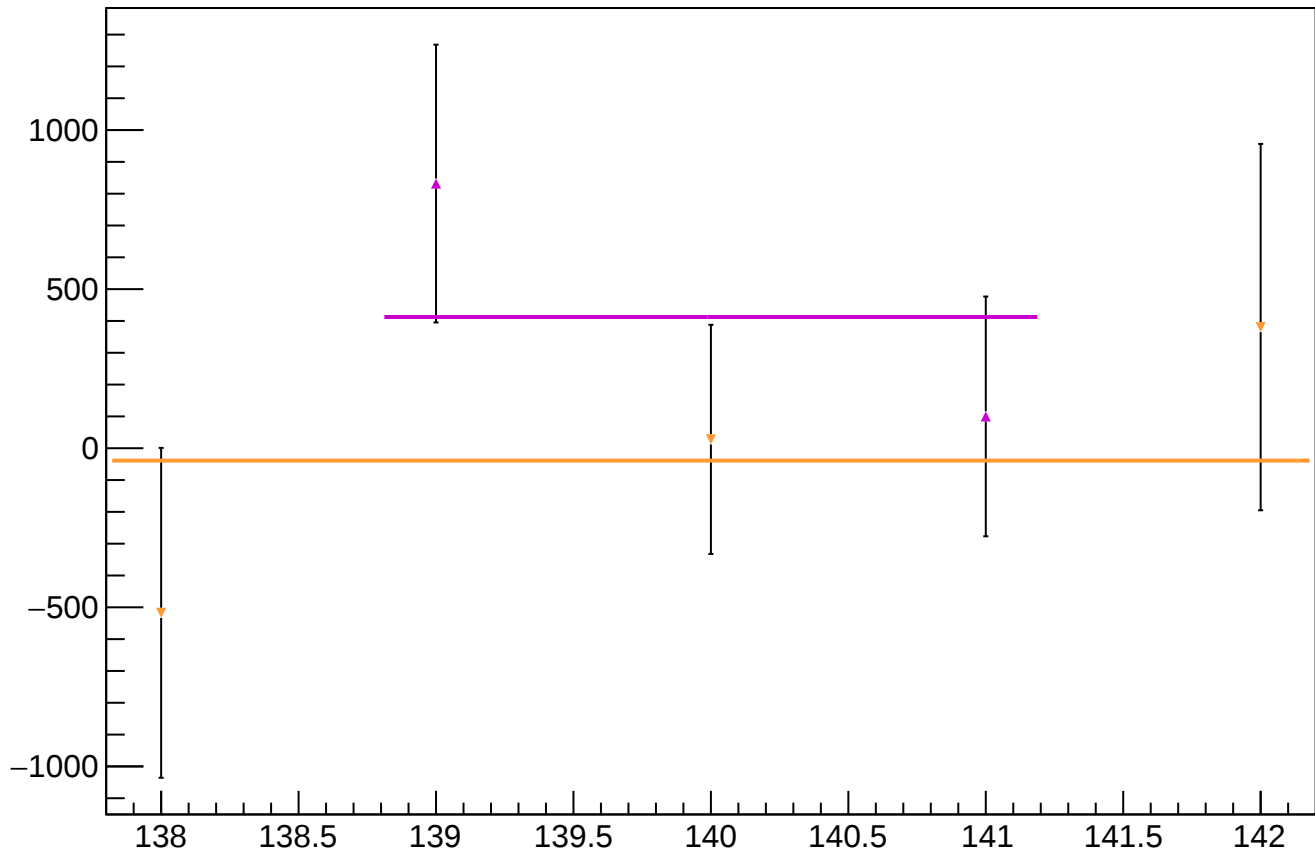
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.906+/-0.207 χ^2/NDF : 5272.5/1

Out: 377.828+/-0.193 χ^2/NDF : 72896.4/2

All: 376.009+/-0.141 χ^2/NDF : 78360.6/4

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.889+/-263.054 χ^2/NDF : 1.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 412.402+/-285.228 χ^2/NDF : 1.6/1

Left: 168.535+/-193.372 χ^2/NDF : 4.4/4

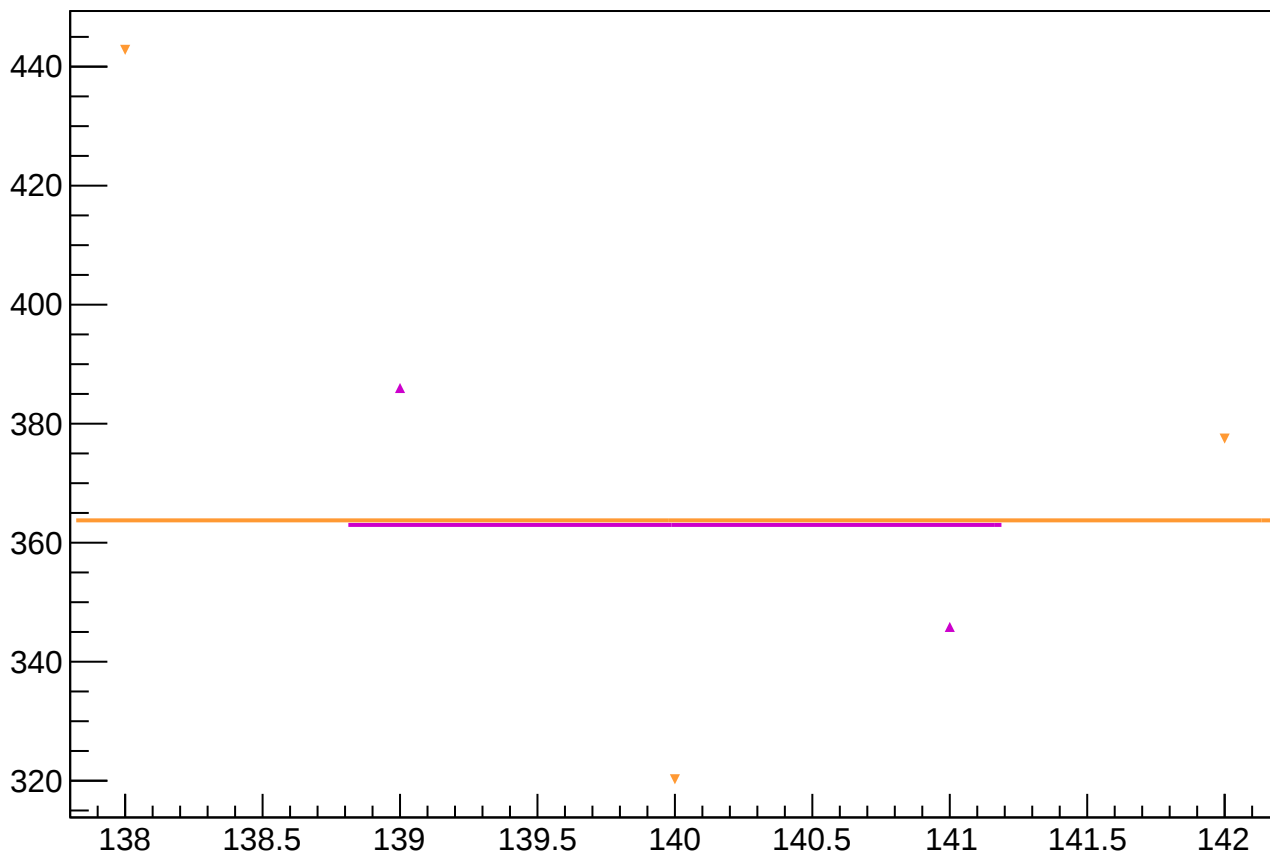
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 412.402+/-285.228 χ^2/NDF : 1.6/1

Out: -38.889+/-263.054 χ^2/NDF : 1.4/2

All: 168.535+/-193.372 χ^2/NDF : 4.4/4

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 363.754+/-0.186 χ^2/NDF : 76869.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 362.989+/-0.202 χ^2/NDF : 9696.1/1

Left: 363.402+/-0.137 χ^2/NDF : 86573.2/4

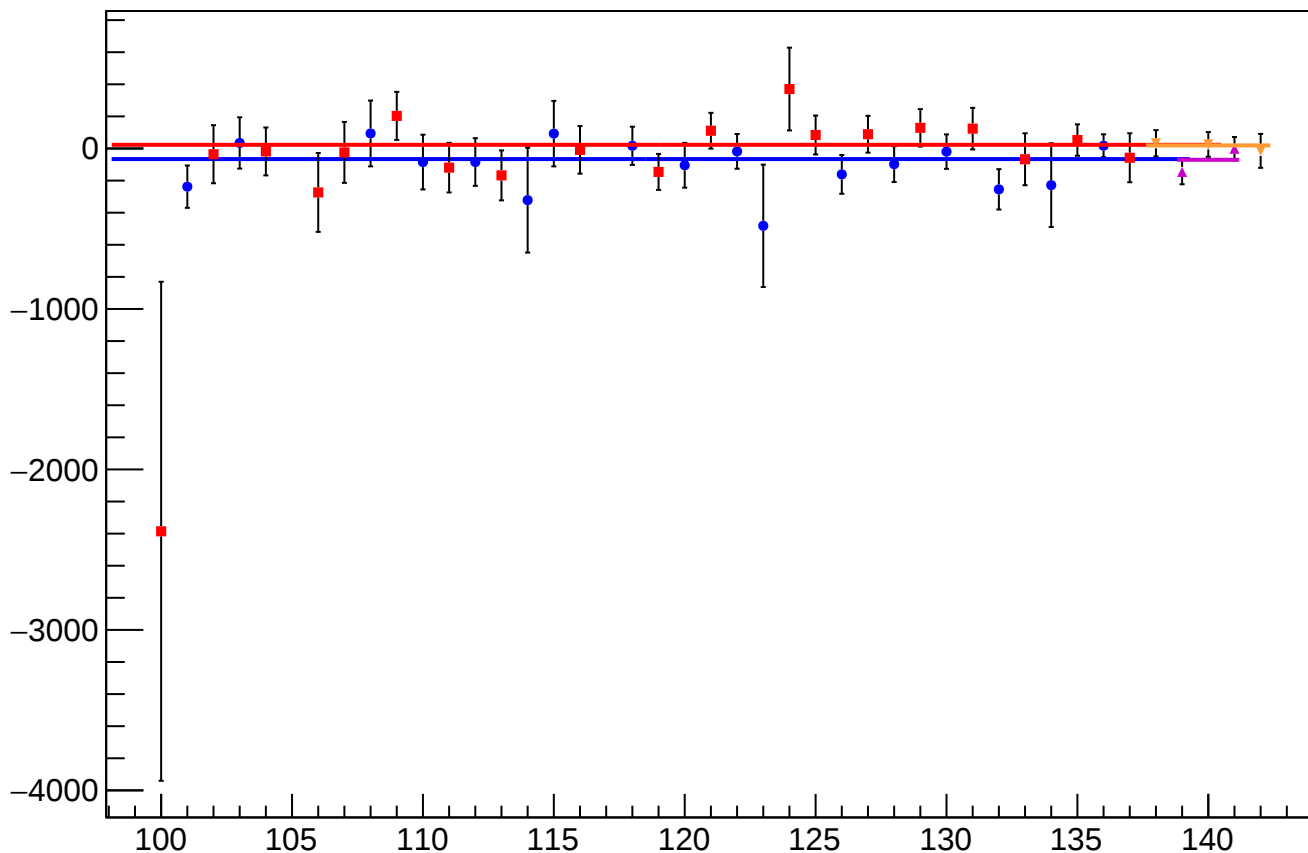
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.989+/-0.202 χ^2/NDF : 9696.1/1

Out: 363.754+/-0.186 χ^2/NDF : 76869.3/2

All: 363.402+/-0.137 χ^2/NDF : 86573.2/4

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: 19.255 ± 49.608 $\chi^2/\text{NDF}: 0.1/2$

Right Out: 22.908 ± 32.782 $\chi^2/\text{NDF}: 15.3/18$

Left In: -70.300 ± 53.115 $\chi^2/\text{NDF}: 1.8/1$

Left: -22.468 ± 36.255 $\chi^2/\text{NDF}: 3.5/4$

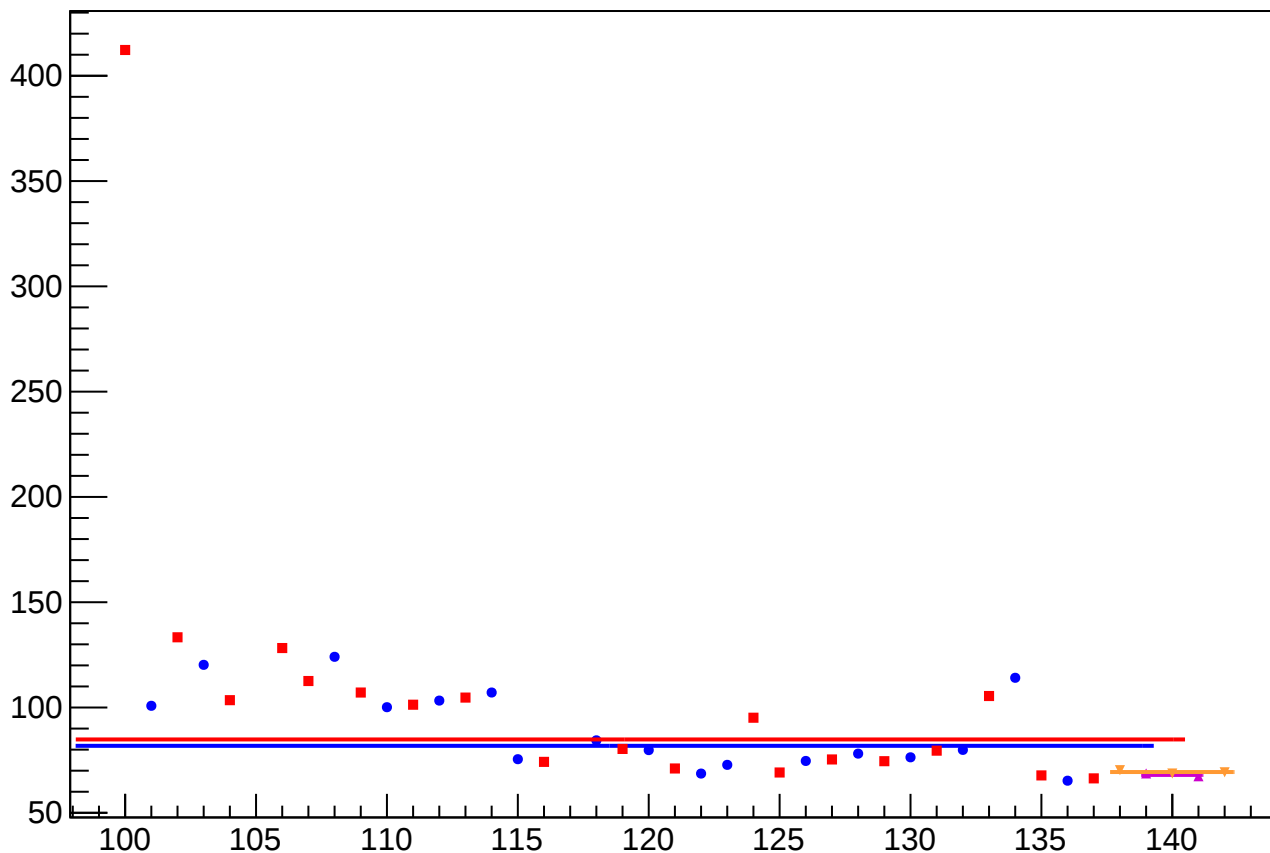
Right: -22.207 ± 23.004 $\chi^2/\text{NDF}: 29.8/35$

In: -67.142 ± 27.591 $\chi^2/\text{NDF}: 12.6/18$

Out: 21.798 ± 27.350 $\chi^2/\text{NDF}: 15.5/21$

All: -22.282 ± 19.424 $\chi^2/\text{NDF}: 33.3/40$

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: 69.365+/-0.035 χ^2/NDF : 395.2/2

Right Out: 84.836+/-0.023 χ^2/NDF : 704648.9/18

Left In: 67.995+/-0.038 χ^2/NDF : 318.9/1

Left: 68.727+/-0.026 χ^2/NDF : 1425.1/4

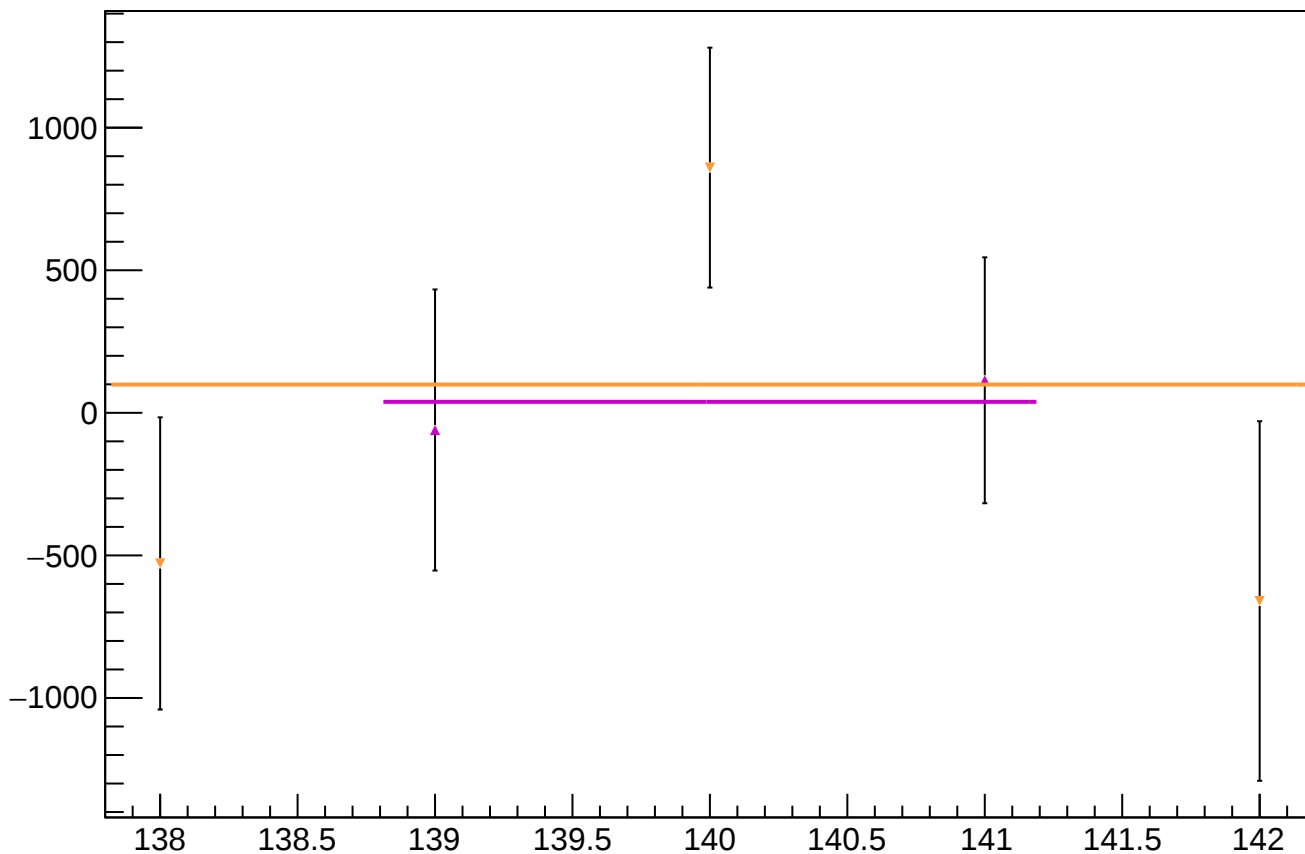
Right: 83.300+/-0.016 χ^2/NDF : 1220504.3/35

In: 78.081+/-0.020 χ^2/NDF : 606286.5/18

Out: 80.134+/-0.019 χ^2/NDF : 840441.4/21

All: 79.117+/-0.014 χ^2/NDF : 1452310.5/40

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: 99.248+/-288.957 χ^2/NDF : 6.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 38.594+/-324.551 χ^2/NDF : 0.1/1

Left: 72.428+/-215.815 χ^2/NDF : 6.3/4

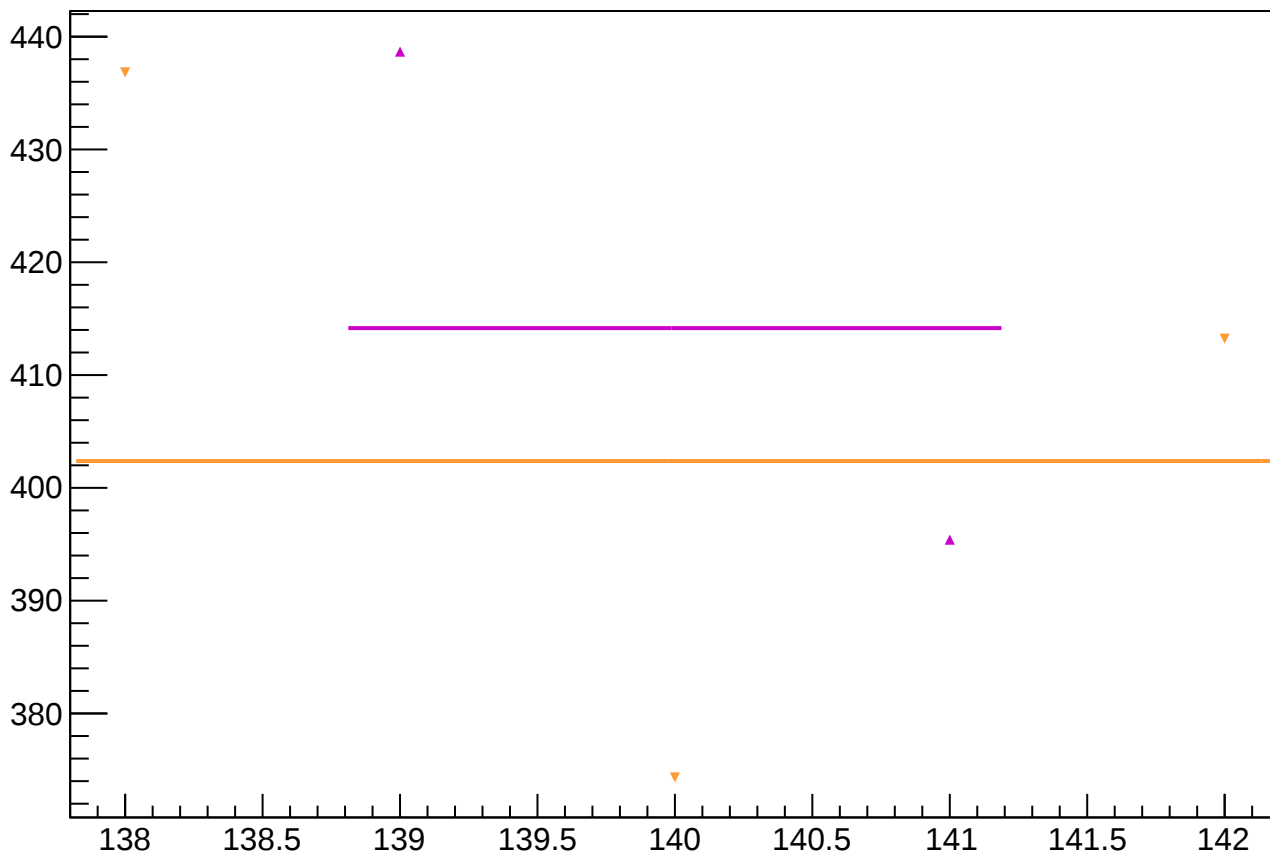
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.594+/-324.551 χ^2/NDF : 0.1/1

Out: 99.248+/-288.957 χ^2/NDF : 6.2/2

All: 72.428+/-215.815 χ^2/NDF : 6.3/4

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: 402.380+/-0.204 χ^2/NDF :18530.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 414.164+/-0.229 χ^2/NDF :8729.8/1

Left: 407.591+/-0.153 χ^2/NDF : 28731.4/4

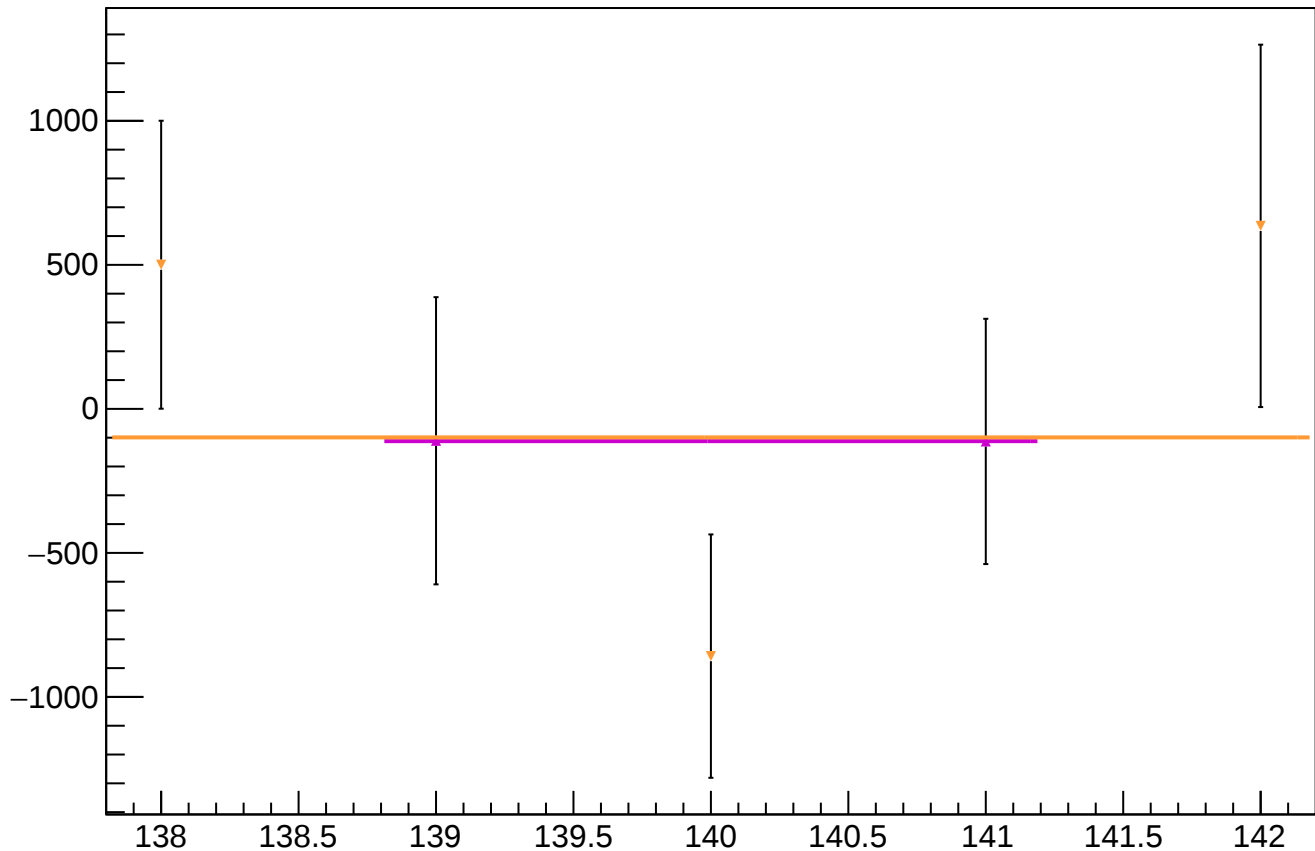
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 414.164+/-0.229 χ^2/NDF :8729.8/1

Out: 402.380+/-0.204 χ^2/NDF :18530.8/2

All: 407.591+/-0.153 χ^2/NDF : 28731.4/4

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Left Out: -99.010±/-287.098 χ^2 /NDF:6.0/2

Right Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Left In: -112.035±/-323.757 χ^2 /NDF:0.0/1

Left: -104.744±/-214.805 χ^2 /NDF: 6.0/4

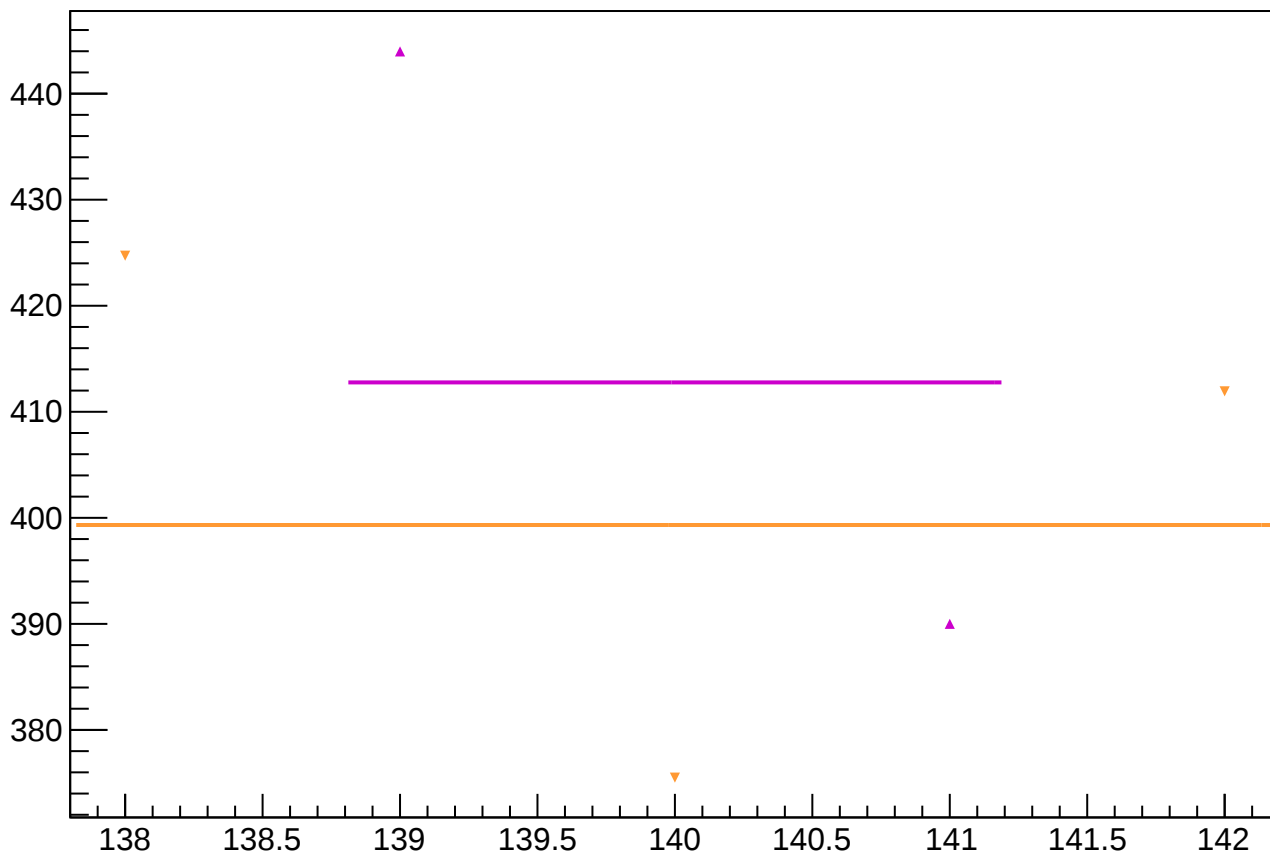
Right: 0.000±/-0.000 χ^2 /NDF: 0.0/0

In: -112.035±/-323.757 χ^2 /NDF:0.0/1

Out: -99.010±/-287.098 χ^2 /NDF:6.0/2

All: -104.744±/-214.805 χ^2 /NDF: 6.0/4

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 399.325+/-0.203 χ^2/NDF :12325.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 412.771+/-0.229 χ^2/NDF :13557.9/1

Left: 405.244+/-0.152 χ^2/NDF : 27814.0/4

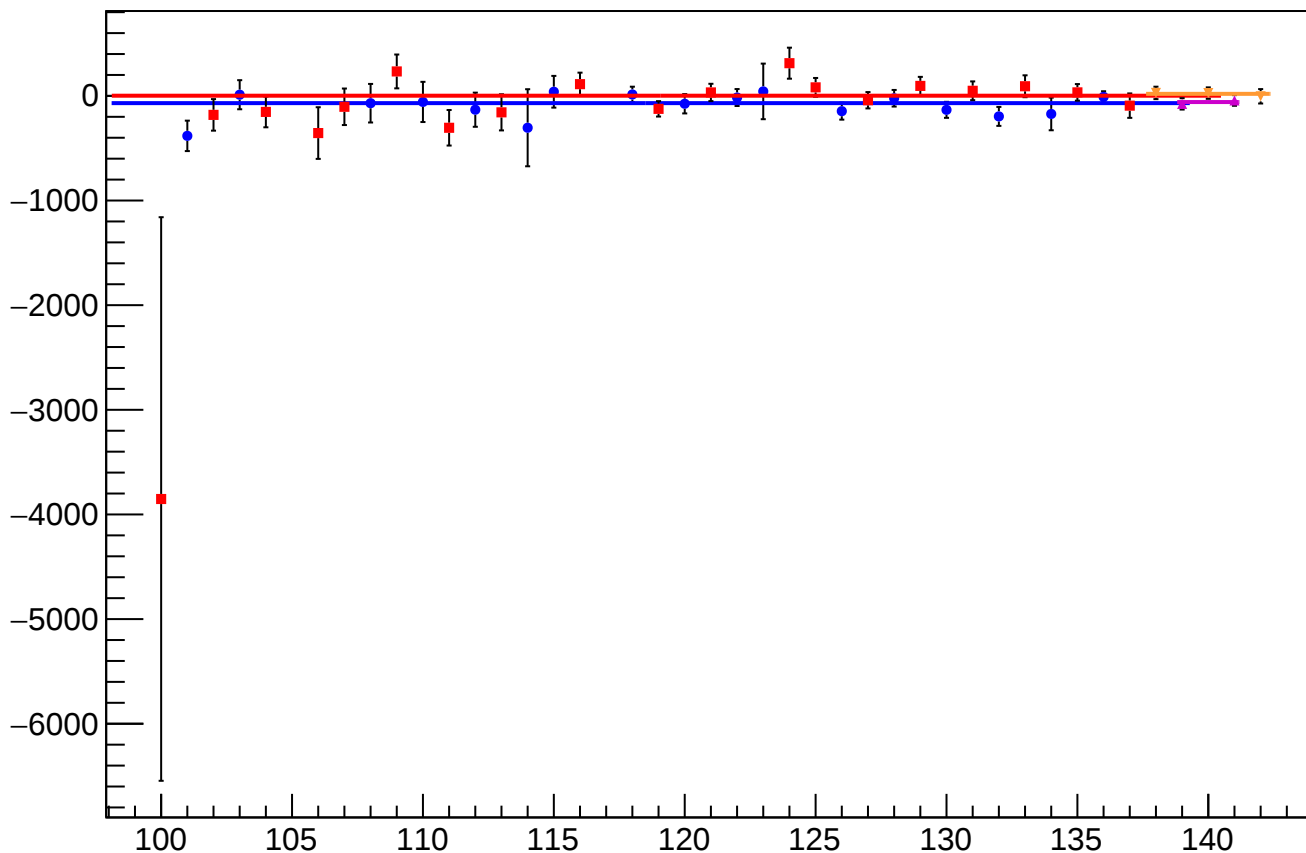
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 412.771+/-0.229 χ^2/NDF :13557.9/1

Out: 399.325+/-0.203 χ^2/NDF :12325.0/2

All: 405.244+/-0.152 χ^2/NDF : 27814.0/4

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 19.505 ± 34.730 χ^2/NDF : 0.2/2

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -58.923 ± 37.120 χ^2/NDF : 0.2/1

Left: -17.104 ± 25.361 χ^2/NDF : 2.7/4

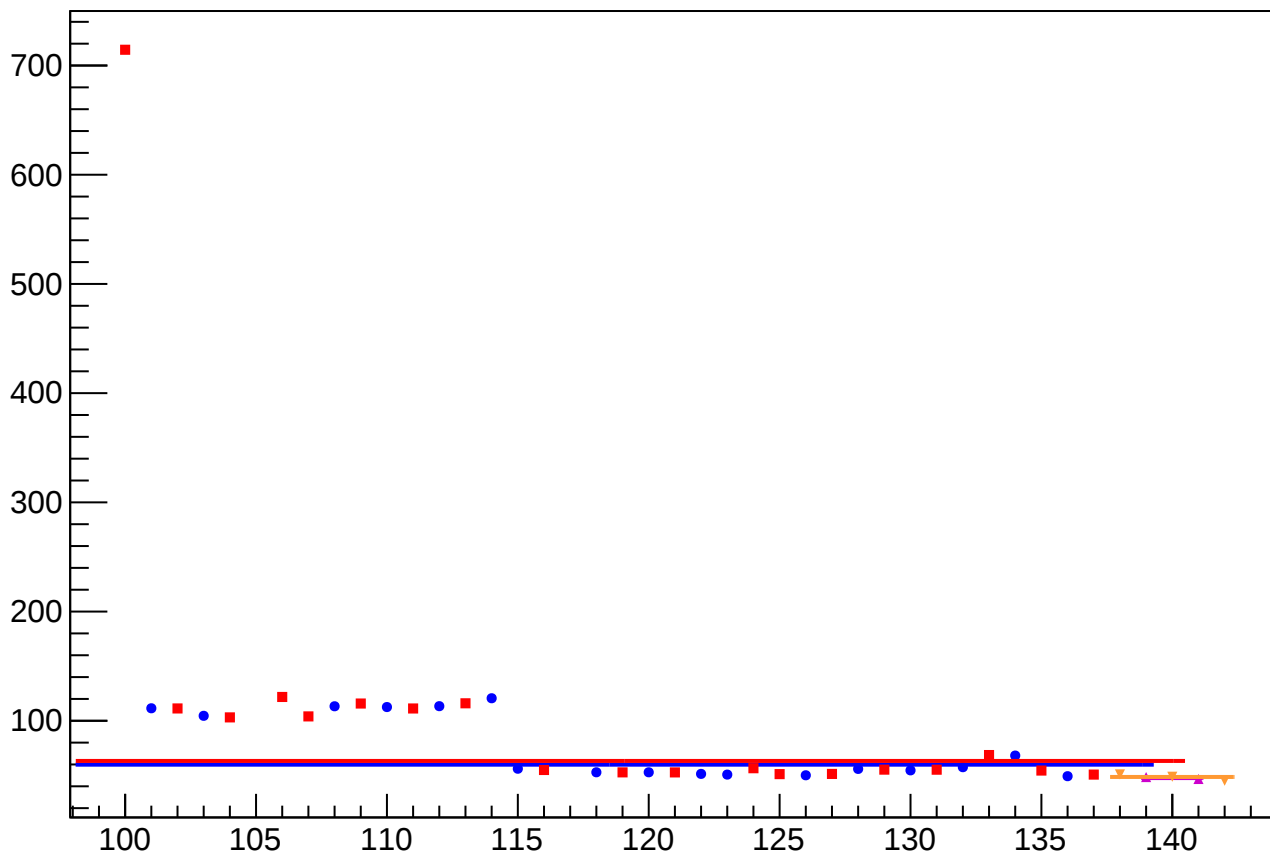
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -66.116 ± 20.308 χ^2/NDF : 13.7/18

Out: 7.865 ± 20.389 χ^2/NDF : 26.2/21

All: -29.273 ± 14.388 χ^2/NDF : 46.5/40

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 48.558 $\pm$ 0.025 χ^2 /NDF: 8245.6/2

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 47.530 $\pm$ 0.026 χ^2 /NDF: 1125.1/1

Left: 48.078 $\pm$ 0.018 χ^2 /NDF: 10189.1/4

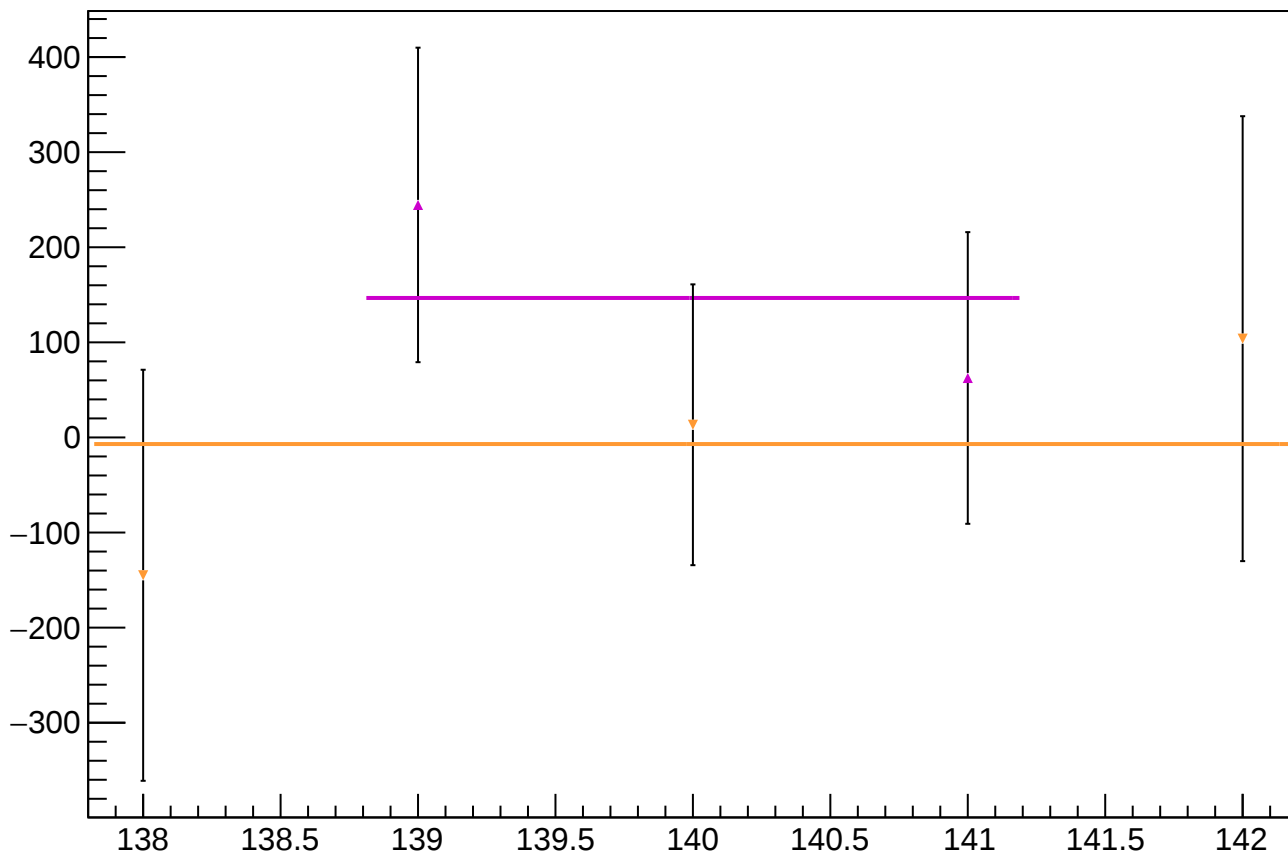
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 56.134 $\pm$ 0.014 χ^2 /NDF: 1384449.4/18

Out: 58.169 $\pm$ 0.014 χ^2 /NDF: 1746190.3/21

All: 57.147 $\pm$ 0.010 χ^2 /NDF: 3140640.5/40

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: -6.944+/-108.118 χ^2/NDF : 0.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 146.675+/-112.449 χ^2/NDF : 0.7/1

Left: 66.850+/-77.937 χ^2/NDF : 2.3/4

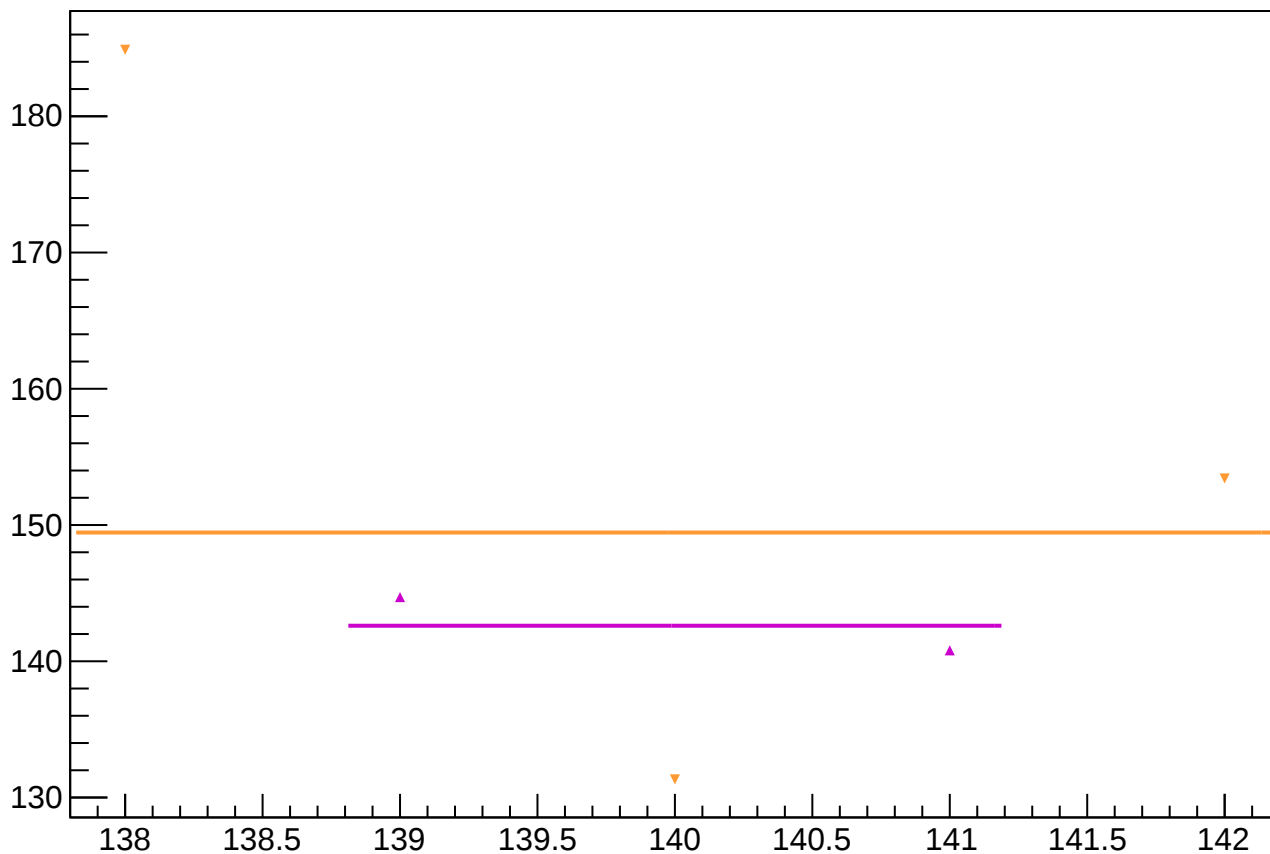
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 146.675+/-112.449 χ^2/NDF : 0.7/1

Out: -6.944+/-108.118 χ^2/NDF : 0.7/2

All: 66.850+/-77.937 χ^2/NDF : 2.3/4

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: 149.450+/-0.076 χ^2/NDF :84447.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 142.609+/-0.080 χ^2/NDF :600.4/1

Left: 146.164+/-0.055 χ^2/NDF : 88893.9/4

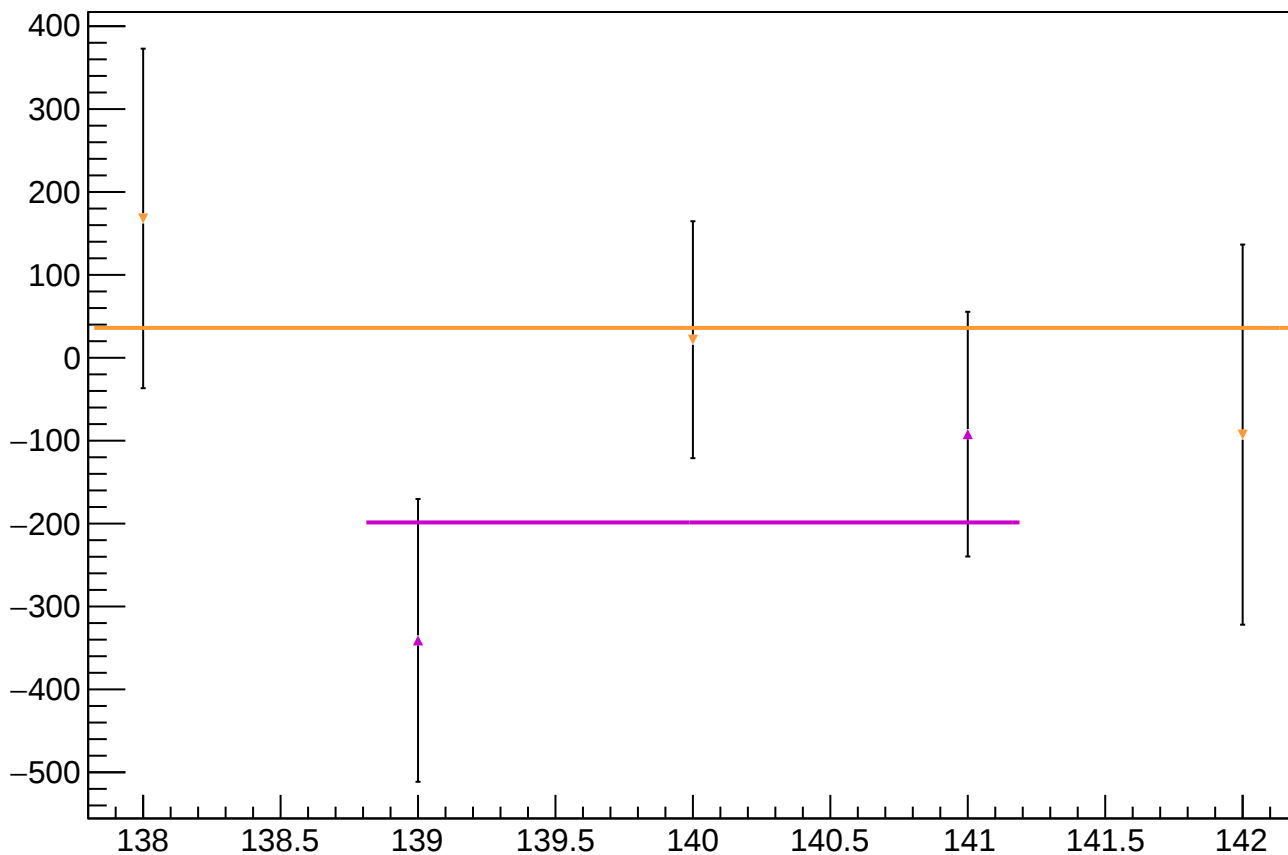
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.609+/-0.080 χ^2/NDF :600.4/1

Out: 149.450+/-0.076 χ^2/NDF :84447.4/2

All: 146.164+/-0.055 χ^2/NDF : 88893.9/4

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 36.071 ± 104.347 χ^2/NDF : 0.7/2

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -198.601 ± 111.613 χ^2/NDF : 1.2/1

Left: -73.378 ± 76.224 χ^2/NDF : 4.3/4

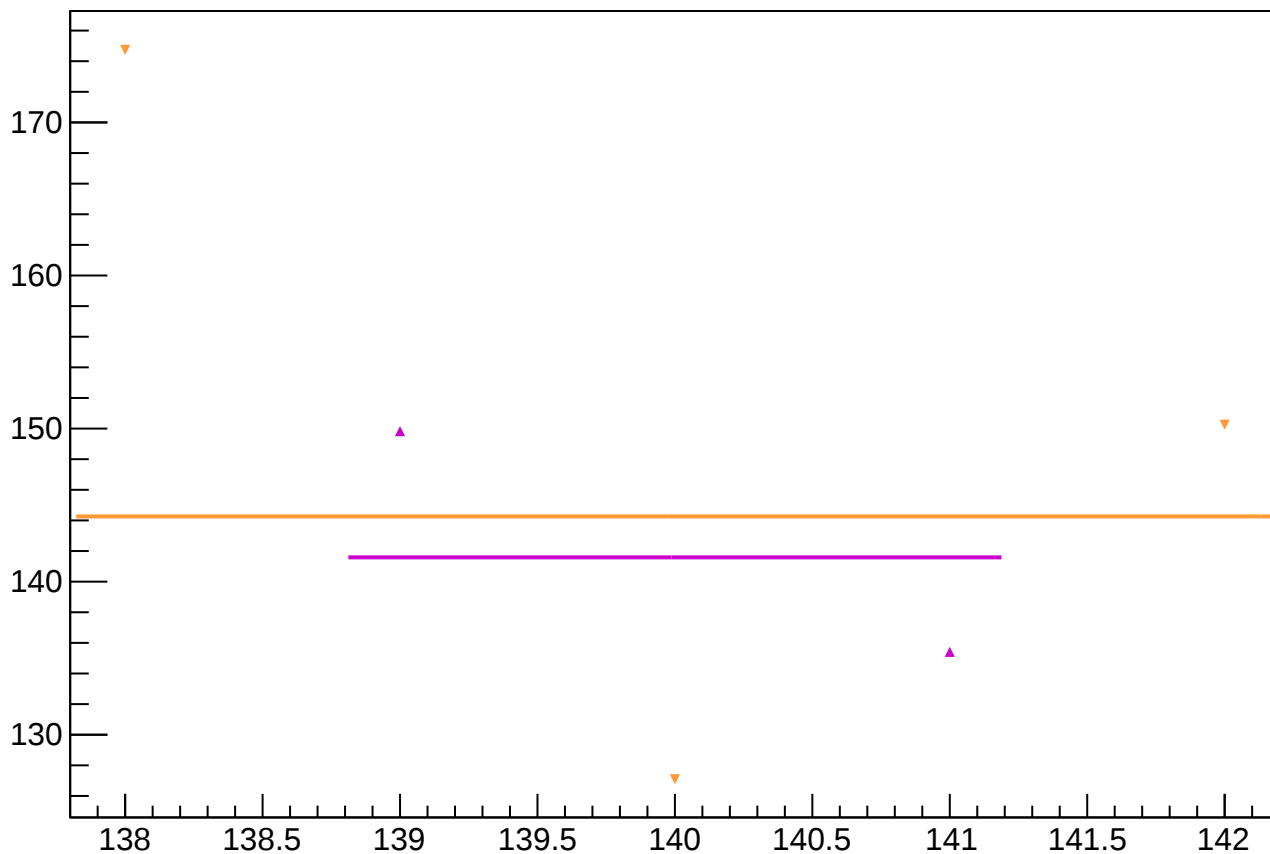
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -198.601 ± 111.613 χ^2/NDF : 1.2/1

Out: 36.071 ± 104.347 χ^2/NDF : 0.7/2

All: -73.378 ± 76.224 χ^2/NDF : 4.3/4

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 144.260 ± 0.074 $\chi^2/\text{NDF}: 74541.3/2$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 141.586 ± 0.079 $\chi^2/\text{NDF}: 8172.6/1$

Left: 143.013 ± 0.054 $\chi^2/\text{NDF}: 83326.4/4$

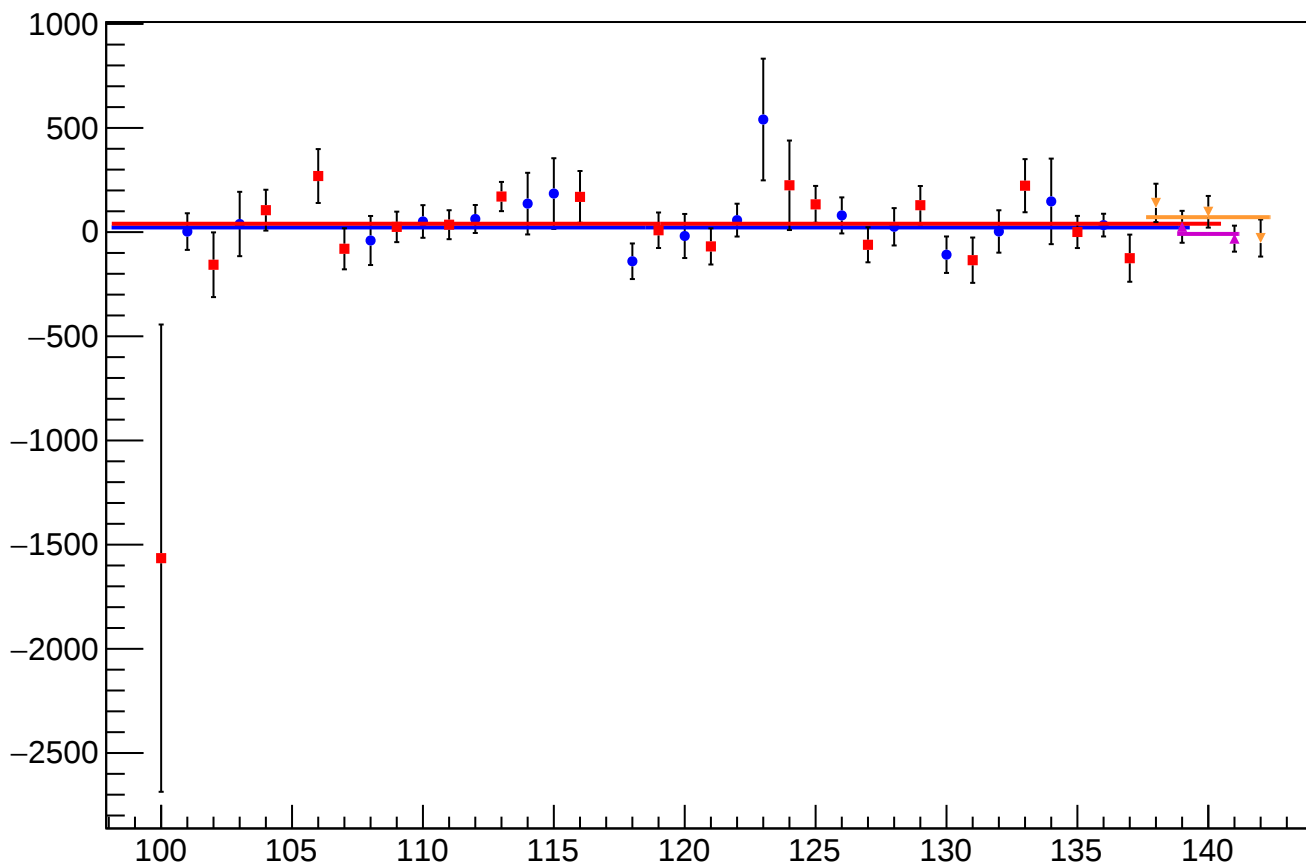
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 141.586 ± 0.079 $\chi^2/\text{NDF}: 8172.6/1$

Out: 144.260 ± 0.074 $\chi^2/\text{NDF}: 74541.3/2$

All: 143.013 ± 0.054 $\chi^2/\text{NDF}: 83326.4/4$

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 71.723+/-48.940 χ^2/NDF :1.9/2

Right Out: 40.242+/-22.132 χ^2/NDF : 26.3/18

Left In: -8.682+/-48.388 χ^2/NDF :0.3/1

Left: 31.064+/-34.409 χ^2/NDF : 3.6/4

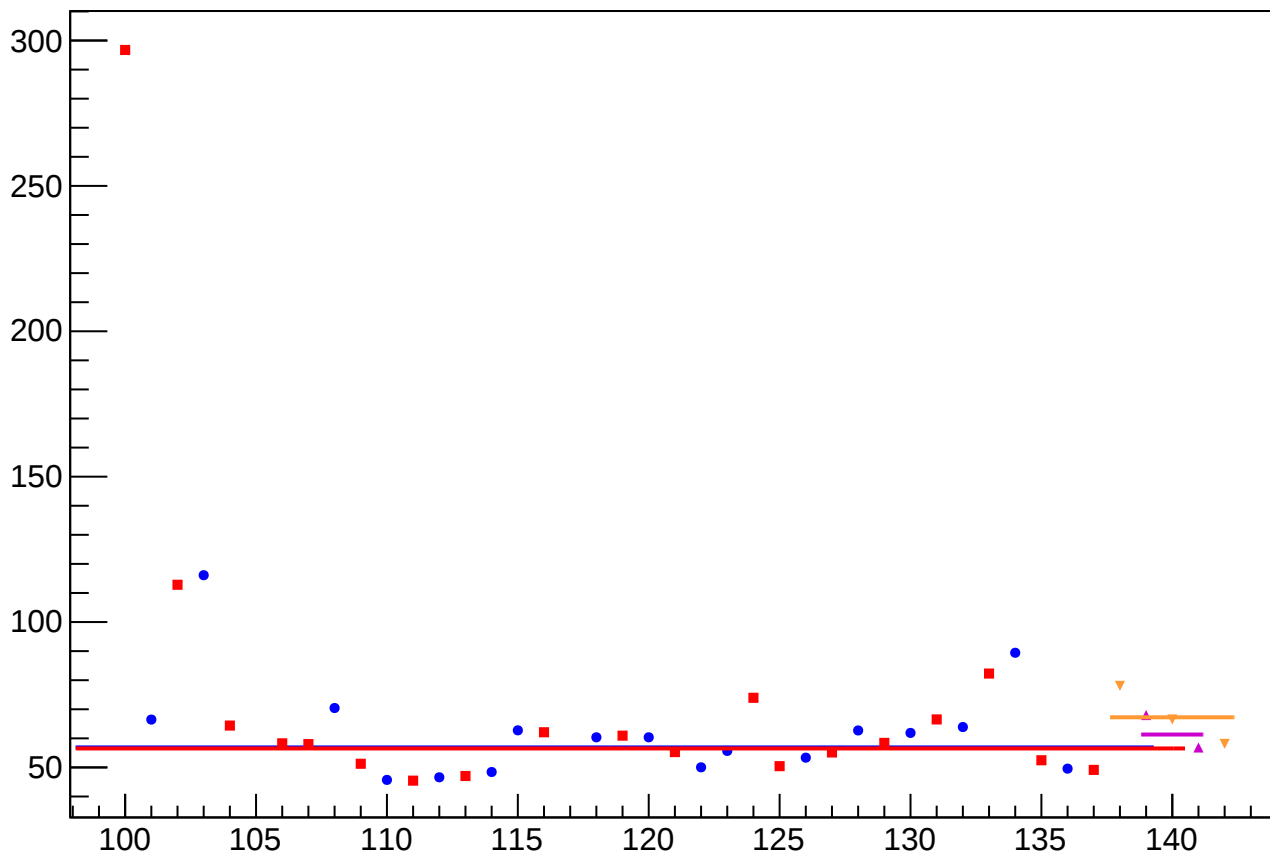
Right: 31.498+/-15.821 χ^2/NDF : 39.2/35

In: 16.792+/-20.495 χ^2/NDF :13.3/18

Out: 45.587+/-20.166 χ^2/NDF :28.5/21

All: 31.423+/-14.374 χ^2/NDF : 42.8/40

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: 67.239 $\pm$ 0.035 χ^2 /NDF: 48931.3/2

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 61.314 $\pm$ 0.034 χ^2 /NDF: 25476.2/1

Left: 64.243 $\pm$ 0.024 χ^2 /NDF: 89231.1/4

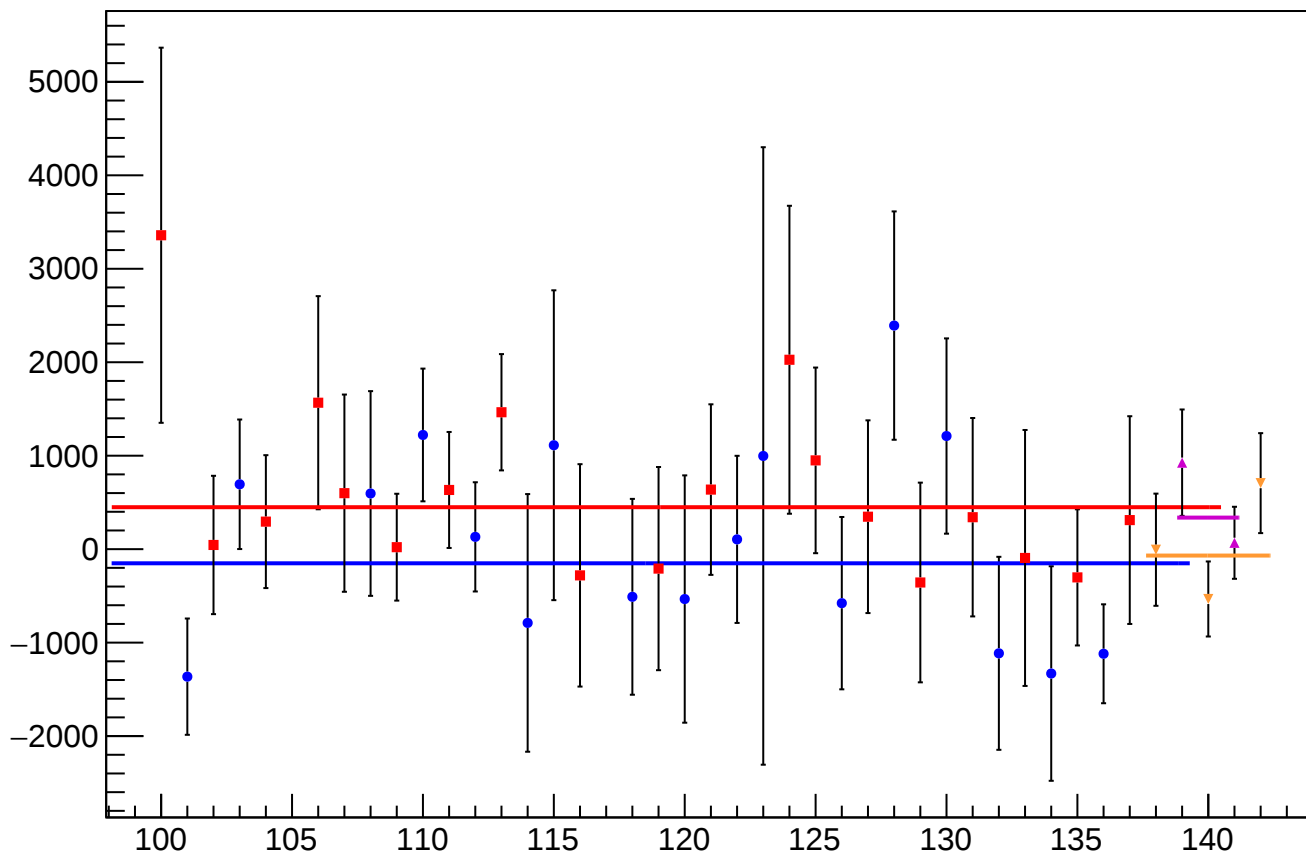
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 57.674 $\pm$ 0.014 χ^2 /NDF: 614752.5/18

Out: 58.346 $\pm$ 0.014 χ^2 /NDF: 740746.2/21

All: 58.016 $\pm$ 0.010 χ^2 /NDF: 1356590.7/40

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -68.467+/-283.086 χ^2/NDF : 3.5/2

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 337.611+/-319.089 χ^2/NDF : 1.6/1

Left: 110.380+/-211.762 χ^2/NDF : 5.9/4

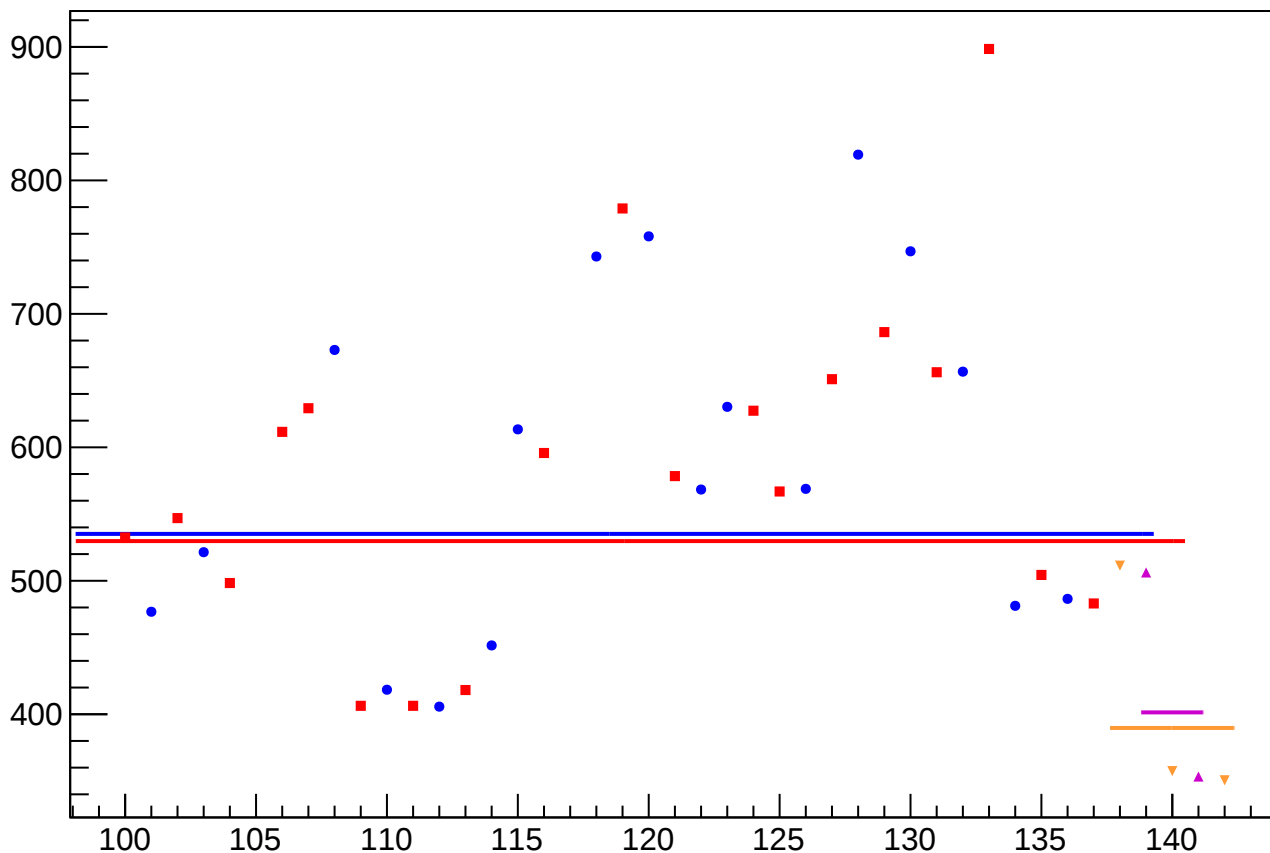
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: -1.065+/-176.838 χ^2/NDF : 25.6/18

Out: 272.083+/-165.503 χ^2/NDF : 16.2/21

All: 144.544+/-120.837 χ^2/NDF : 43.1/40

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 389.733+/-0.200 χ^2/NDF : 105896.6/2

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 401.397+/-0.226 χ^2/NDF : 99000.7/1

Left: 394.870+/-0.150 χ^2/NDF : 206392.9/4

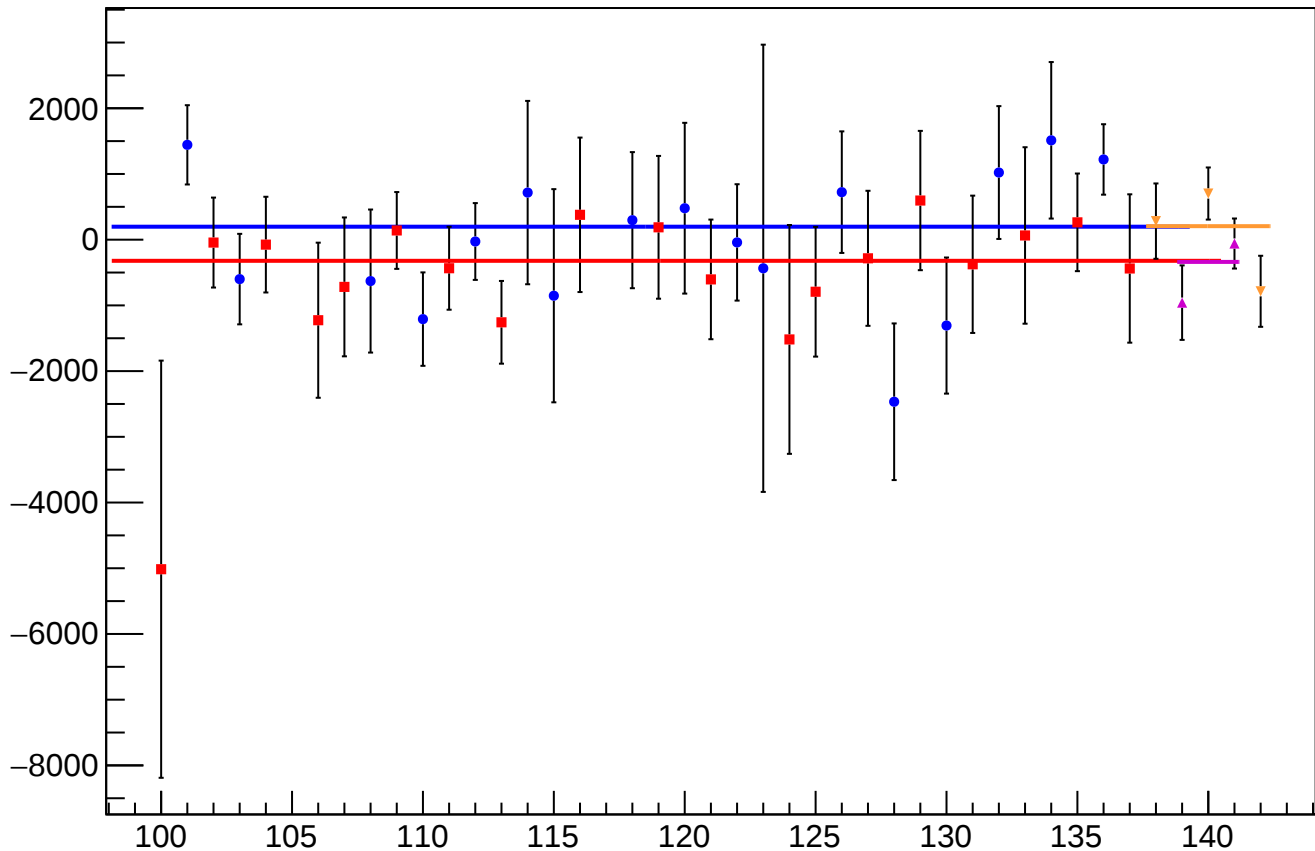
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 494.061+/-0.125 χ^2/NDF : 938518.4/18

Out: 481.890+/-0.117 χ^2/NDF : 1074660.6/21

All: 487.573+/-0.085 χ^2/NDF : 2018229.0/40

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 205.665 $\pm$ 279.214 χ^2 /NDF:4.9/2

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -338.243 $\pm$ 316.045 χ^2 /NDF:1.7/1

Left: -32.764 $\pm$ 209.250 χ^2 /NDF: 8.3/4

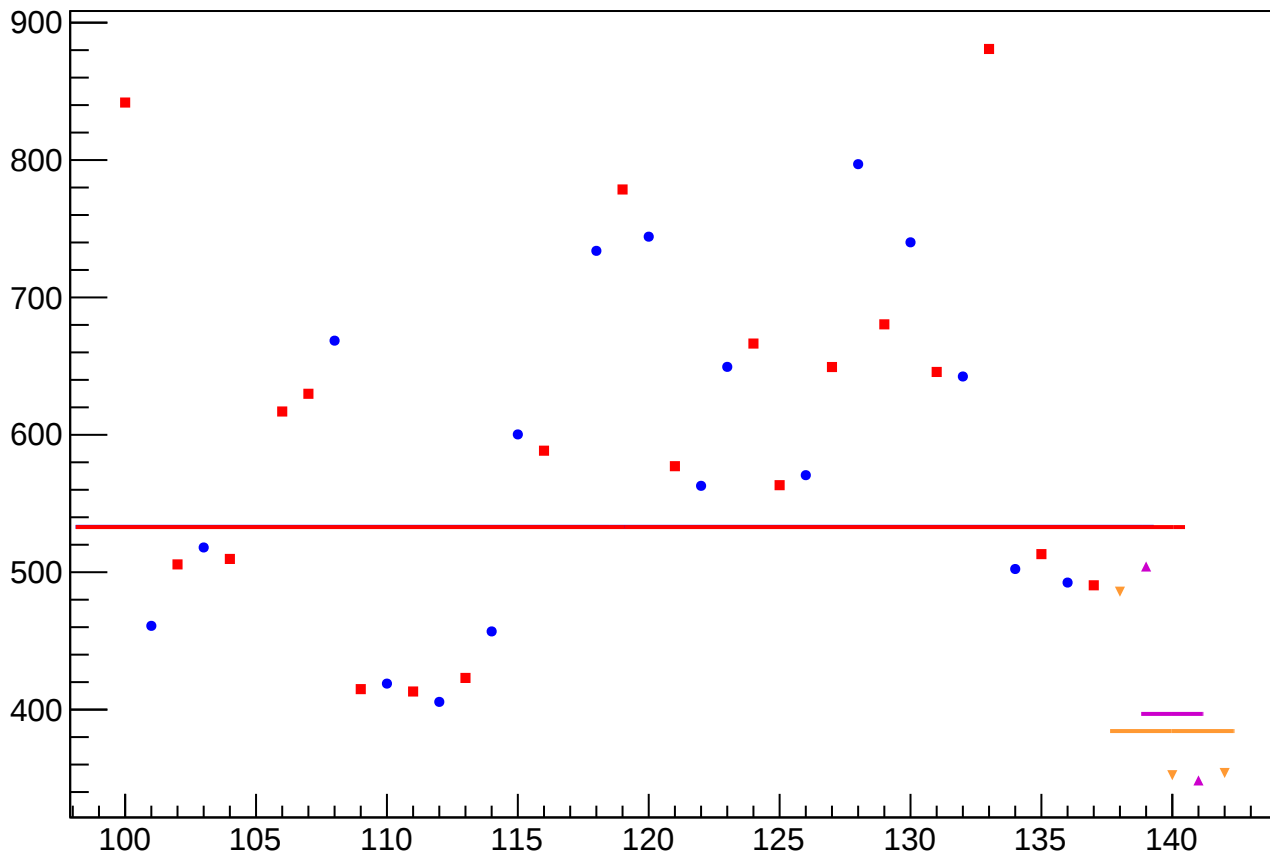
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 31.850 $\pm$ 175.760 χ^2 /NDF:27.6/18

Out: -136.587 $\pm$ 165.385 χ^2 /NDF:16.2/21

All: -57.487 $\pm$ 120.446 χ^2 /NDF: 44.3/40

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 384.387+/-0.197 χ^2/NDF : 82170.4/2

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 396.868+/-0.223 χ^2/NDF : 104018.1/1

Left: 389.858+/-0.148 χ^2/NDF : 187940.2/4

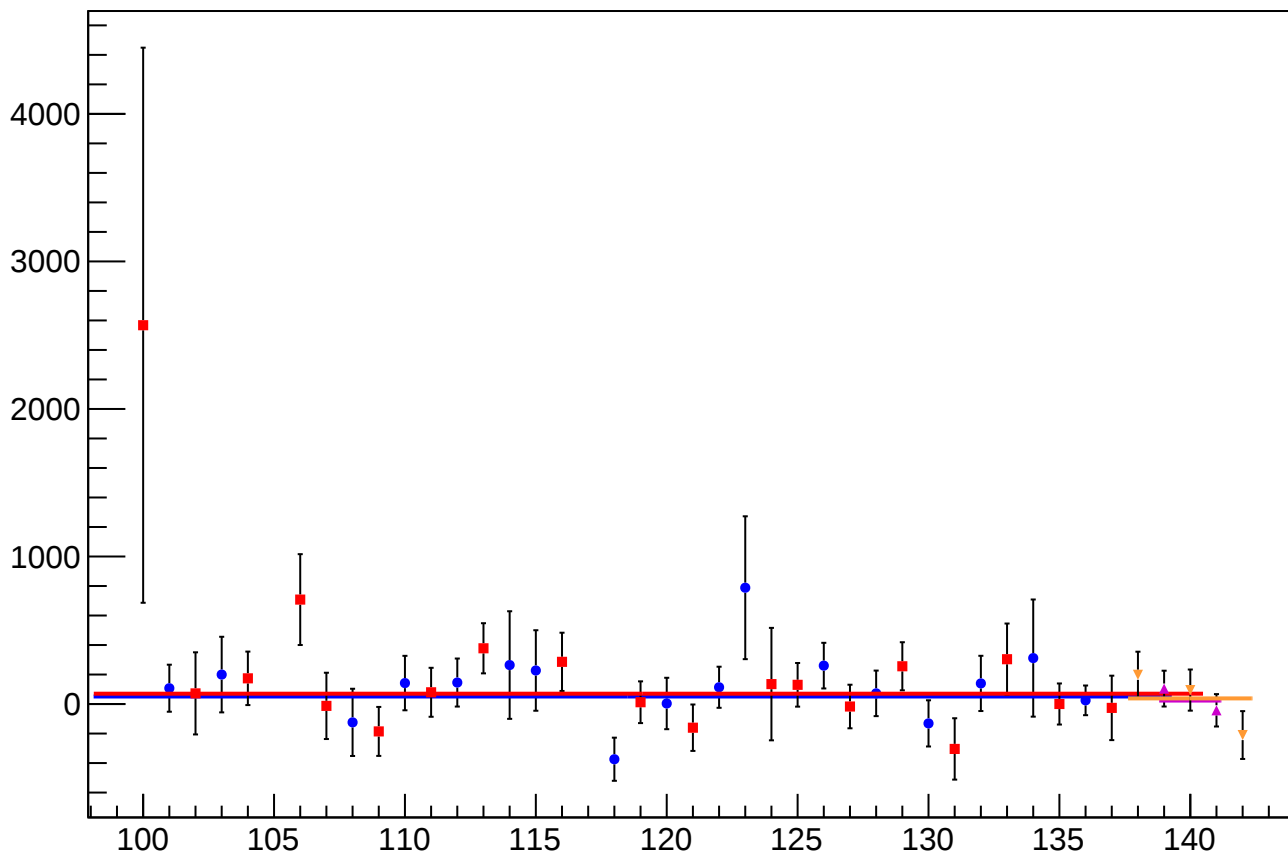
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 490.919+/-0.124 χ^2/NDF : 927293.2/18

Out: 480.766+/-0.117 χ^2/NDF : 1066218.0/21

All: 485.534+/-0.085 χ^2/NDF : 1997050.8/40

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 38.159+/-87.575 χ^2/NDF : 3.6/2

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 23.666+/-81.410 χ^2/NDF : 0.8/1

Left: 30.385+/-59.626 χ^2/NDF : 4.4/4

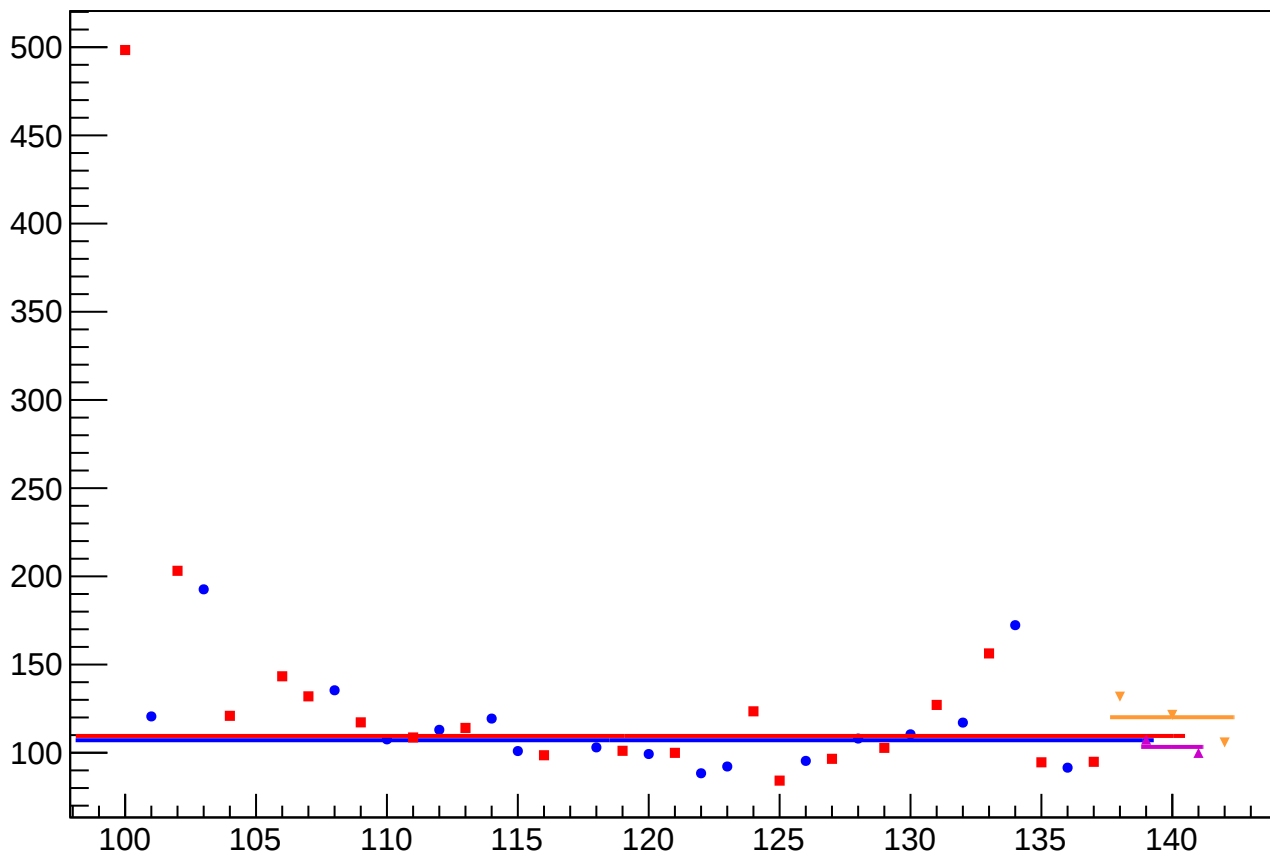
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 45.294+/-37.616 χ^2/NDF : 18.3/18

Out: 63.921+/-38.448 χ^2/NDF : 25.8/21

All: 54.404+/-26.888 χ^2/NDF : 44.2/40

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: 120.141 $\pm$ 0.062 χ^2 /NDF:26874.1/2

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 103.309 $\pm$ 0.058 χ^2 /NDF:4201.2/1

Left: 111.112 $\pm$ 0.042 χ^2 /NDF: 70711.8/4

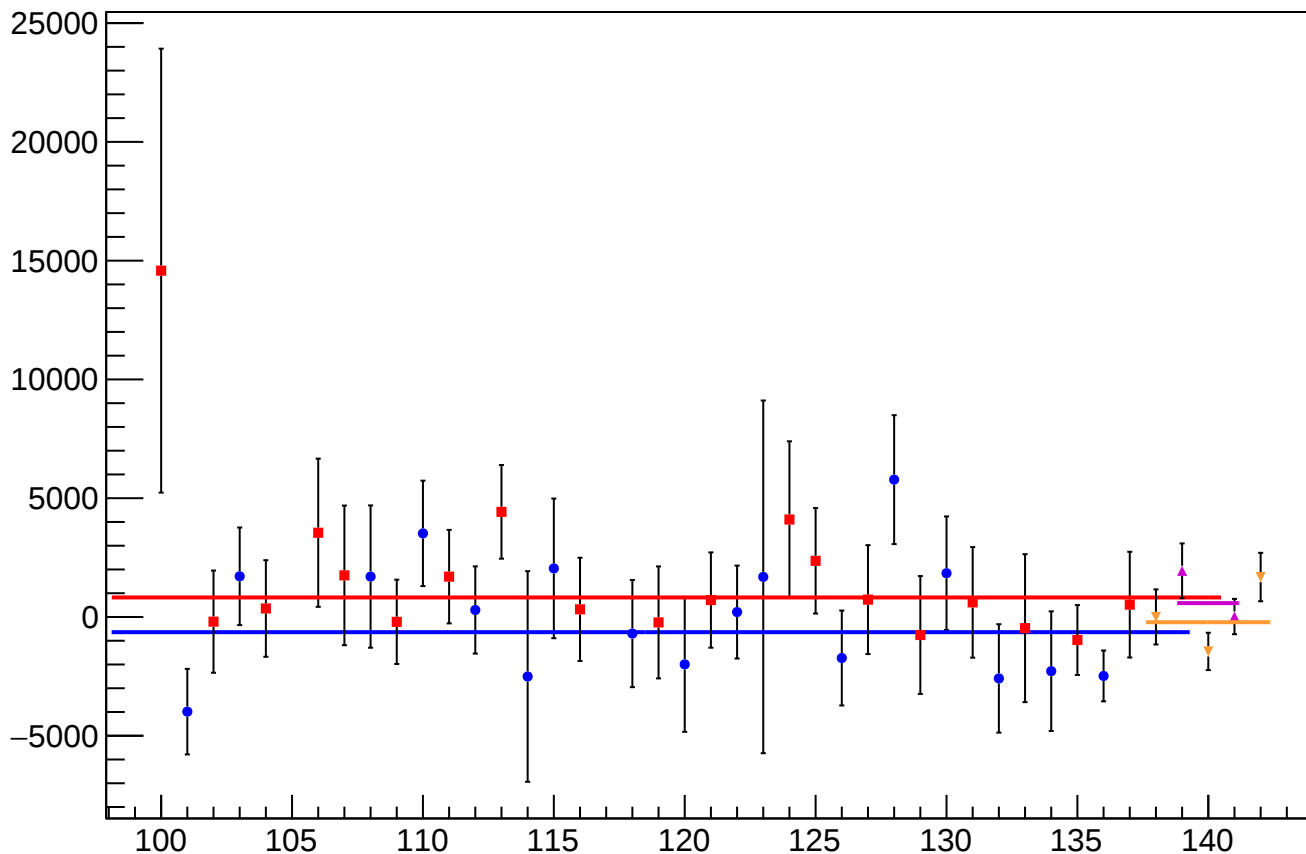
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 106.286 $\pm$ 0.027 χ^2 /NDF:445356.7/18

Out: 111.576 $\pm$ 0.027 χ^2 /NDF:642099.4/21

All: 108.873 $\pm$ 0.019 χ^2 /NDF: 1106801.3/40

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -219.644+/-548.131 χ^2/NDF : 6.0/2

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 583.662+/-624.845 χ^2/NDF : 2.0/1

Left: 129.695+/-412.056 χ^2/NDF : 8.9/4

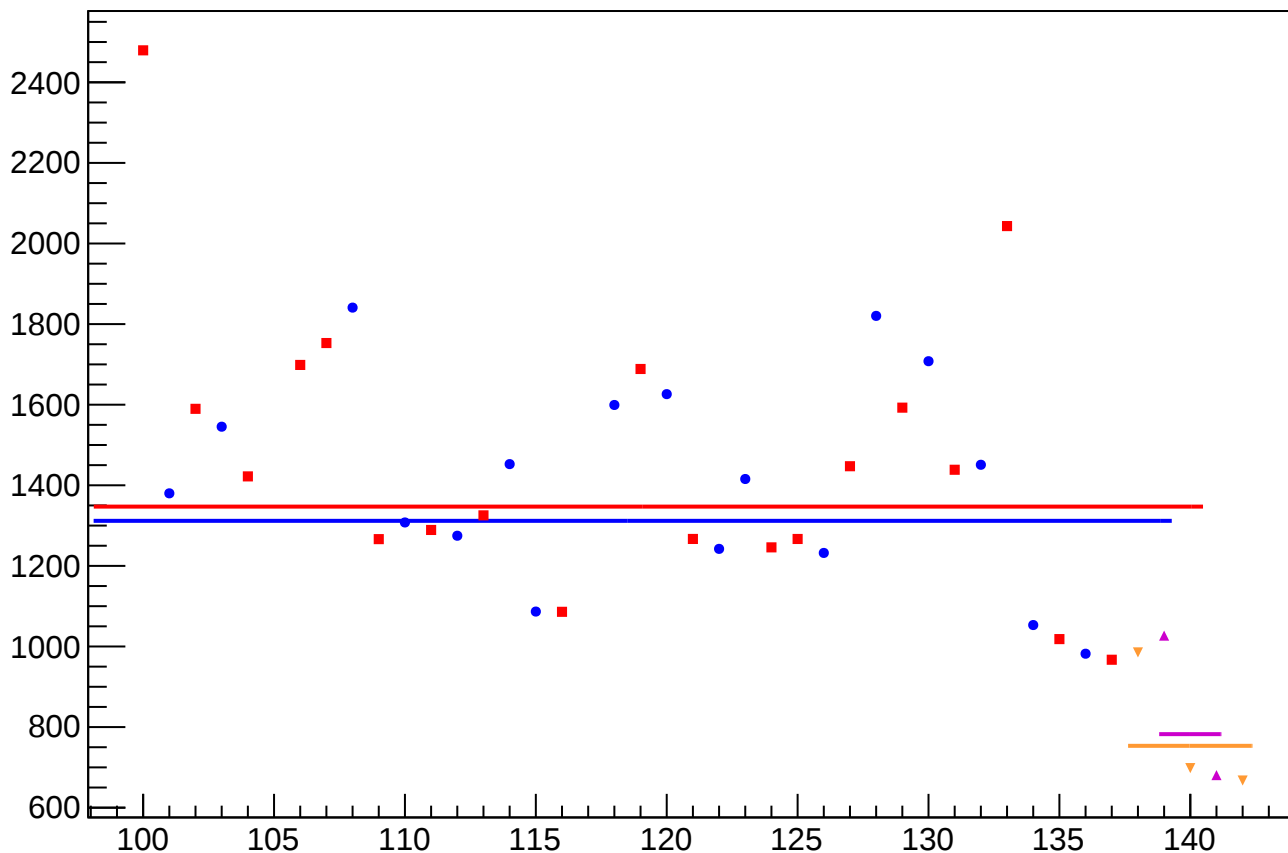
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -140.066+/-399.355 χ^2/NDF : 26.0/18

Out: 332.660+/-375.583 χ^2/NDF : 18.9/21

All: 110.784+/-273.595 χ^2/NDF : 45.6/40

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 753.484+/-0.388 χ^2/NDF : 104157.9/2

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 782.474+/-0.442 χ^2/NDF : 127324.3/1

Left: 766.091+/-0.291 χ^2/NDF : 233915.1/4

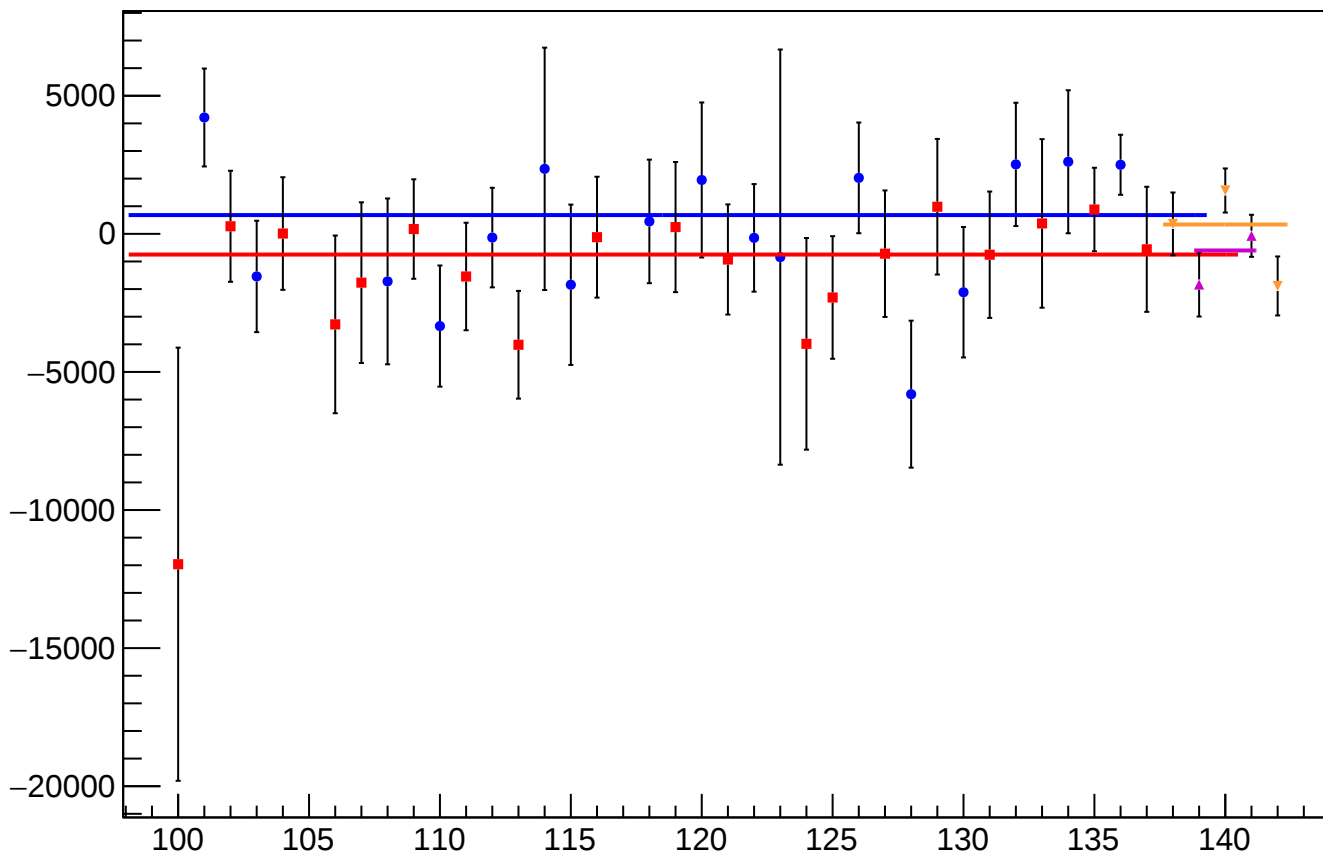
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 1095.577+/-0.282 χ^2/NDF : 1488966.1/18

Out: 1068.402+/-0.266 χ^2/NDF : 1839066.4/21

All: 1081.157+/-0.193 χ^2/NDF : 3332946.9/40

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 338.742+/-557.174 χ^2/NDF : 6.7/2

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: -601.742+/-636.498 χ^2/NDF : 1.6/1

Left: -69.276+/-419.238 χ^2/NDF : 9.6/4

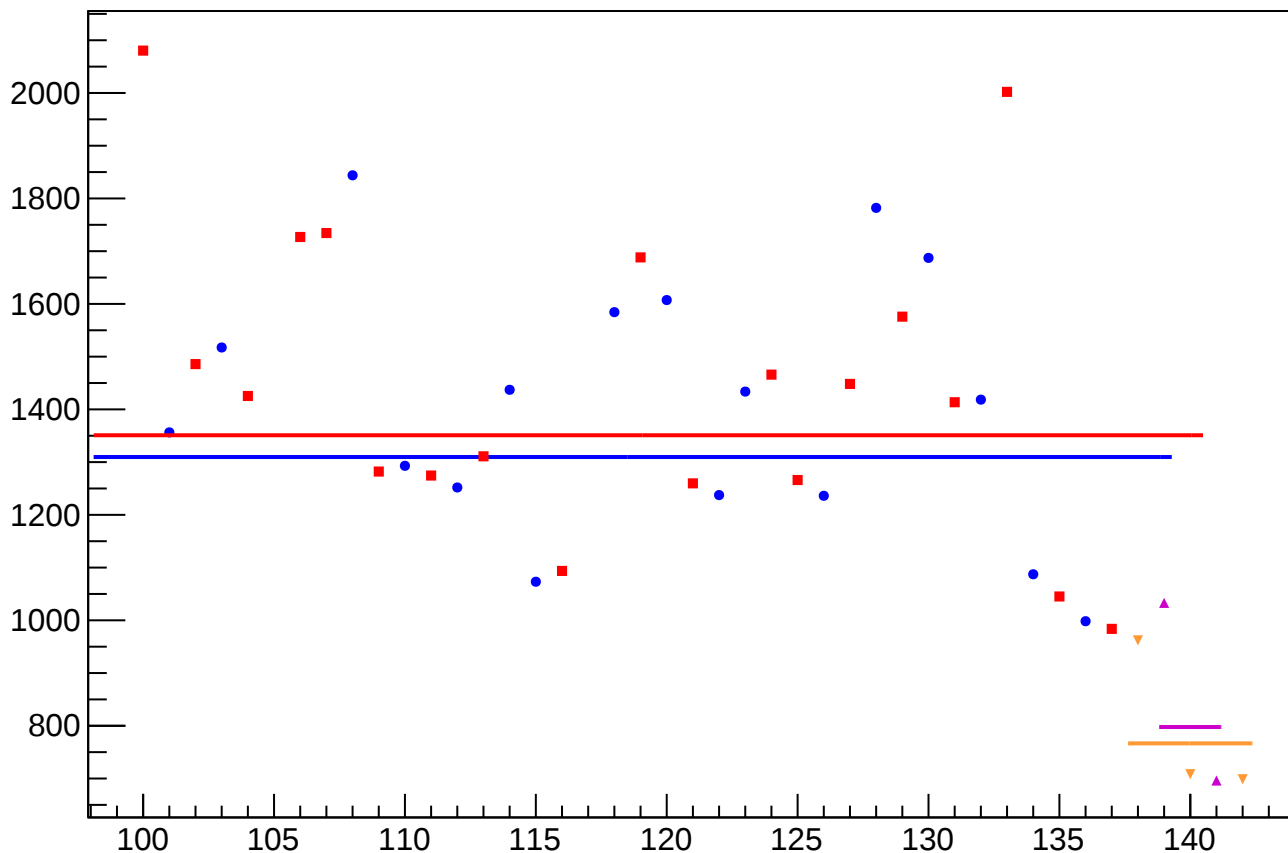
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 169.855+/-401.536 χ^2/NDF : 26.6/18

Out: -246.980+/-378.665 χ^2/NDF : 18.5/21

All: -50.771+/-275.487 χ^2/NDF : 45.6/40

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 766.631+/-0.394 χ^2/NDF : 77932.5/2

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 797.653+/-0.450 χ^2/NDF : 117921.6/1

Left: 780.090+/-0.296 χ^2/NDF : 198544.0/4

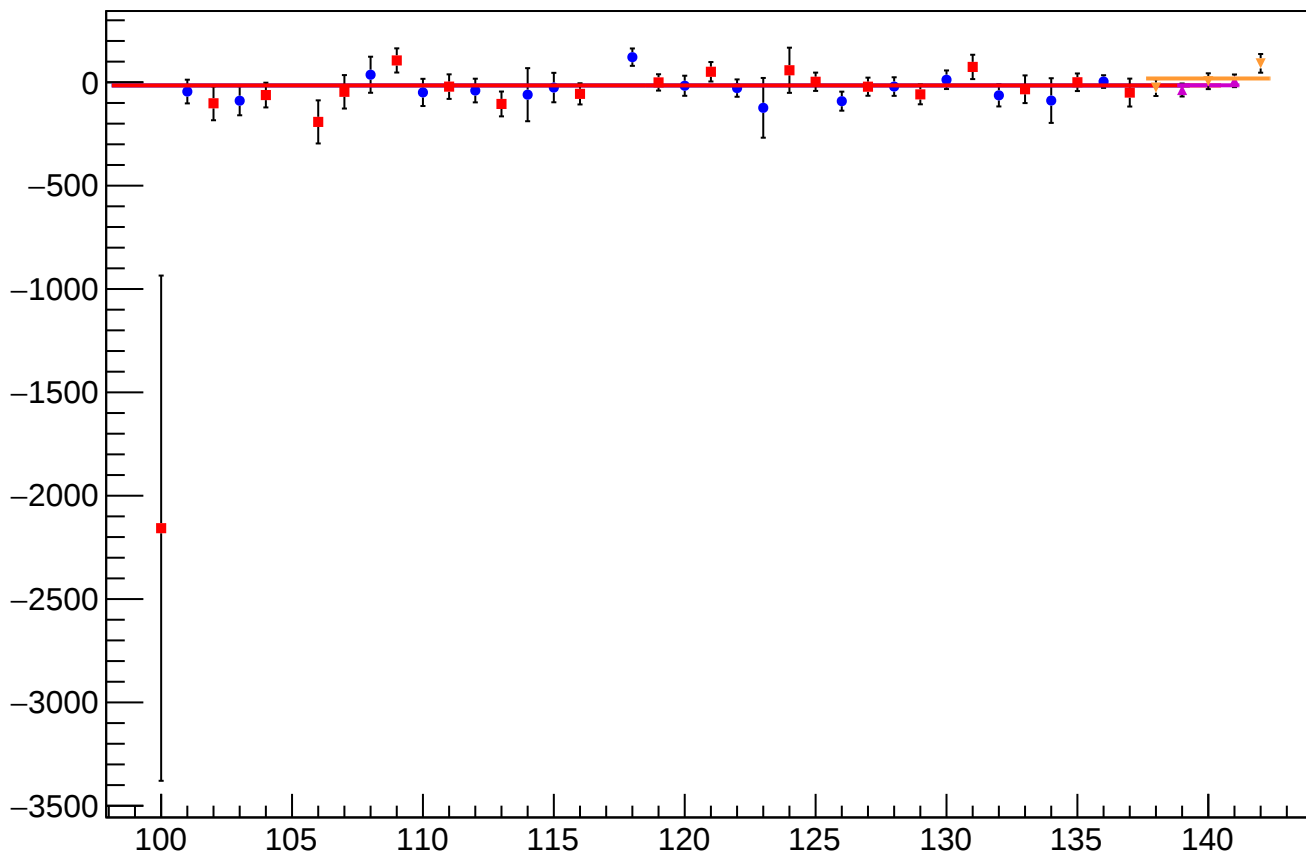
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 1105.891+/-0.284 χ^2/NDF : 1356333.7/18

Out: 1081.060+/-0.268 χ^2/NDF : 1684283.2/21

All: 1092.748+/-0.195 χ^2/NDF : 3044665.0/40

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: 18.459 ± 23.702 χ^2/NDF : 3.9/2

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -14.485 ± 21.895 χ^2/NDF : 1.0/1

Left: 0.683 ± 16.083 χ^2/NDF : 6.0/4

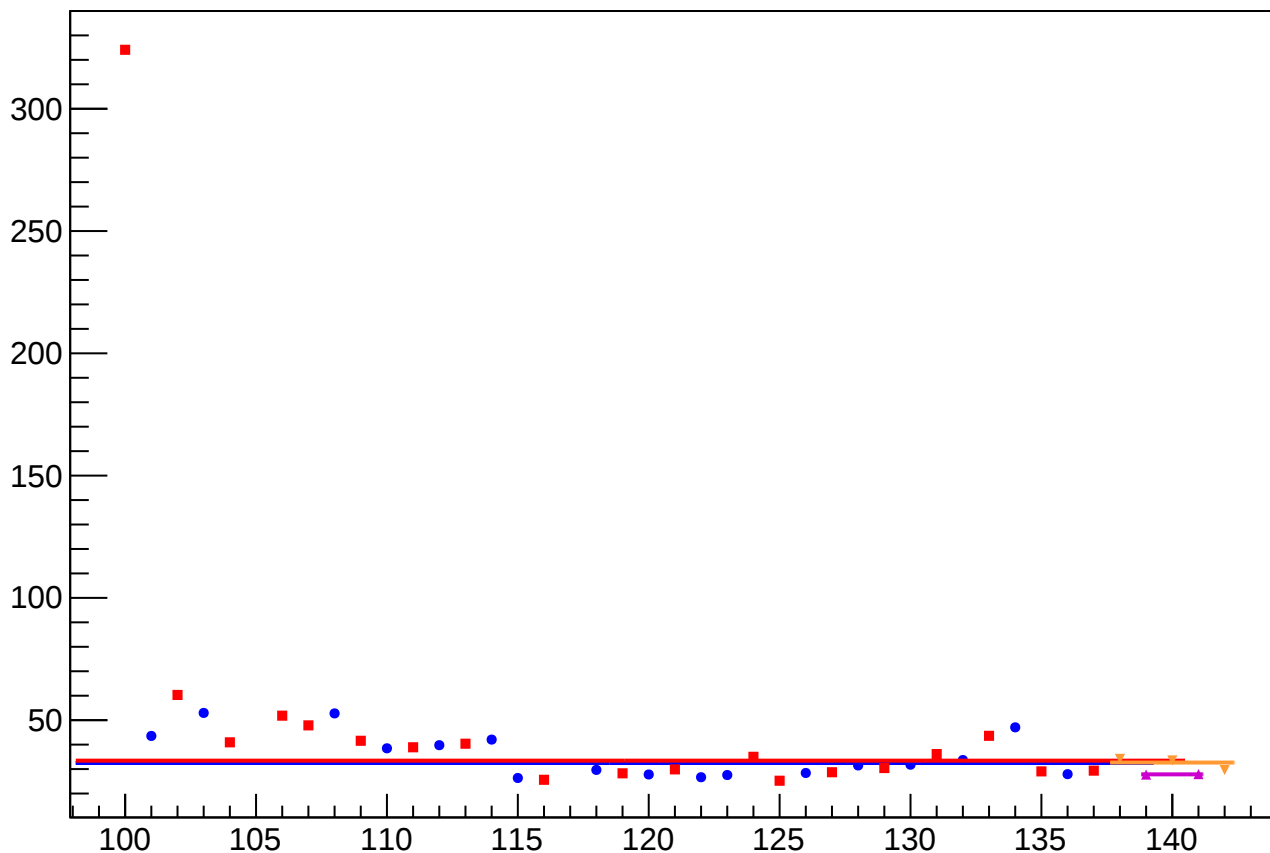
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -15.076 ± 11.119 χ^2/NDF : 19.4/18

Out: -7.239 ± 11.463 χ^2/NDF : 26.7/21

All: -11.277 ± 7.981 χ^2/NDF : 46.3/40

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 32.667 $\pm$ 0.017 χ^2 /NDF: 12983.8/2

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.843 $\pm$ 0.015 χ^2 /NDF: 40.5/1

Left: 30.064 $\pm$ 0.011 χ^2 /NDF: 57729.1/4

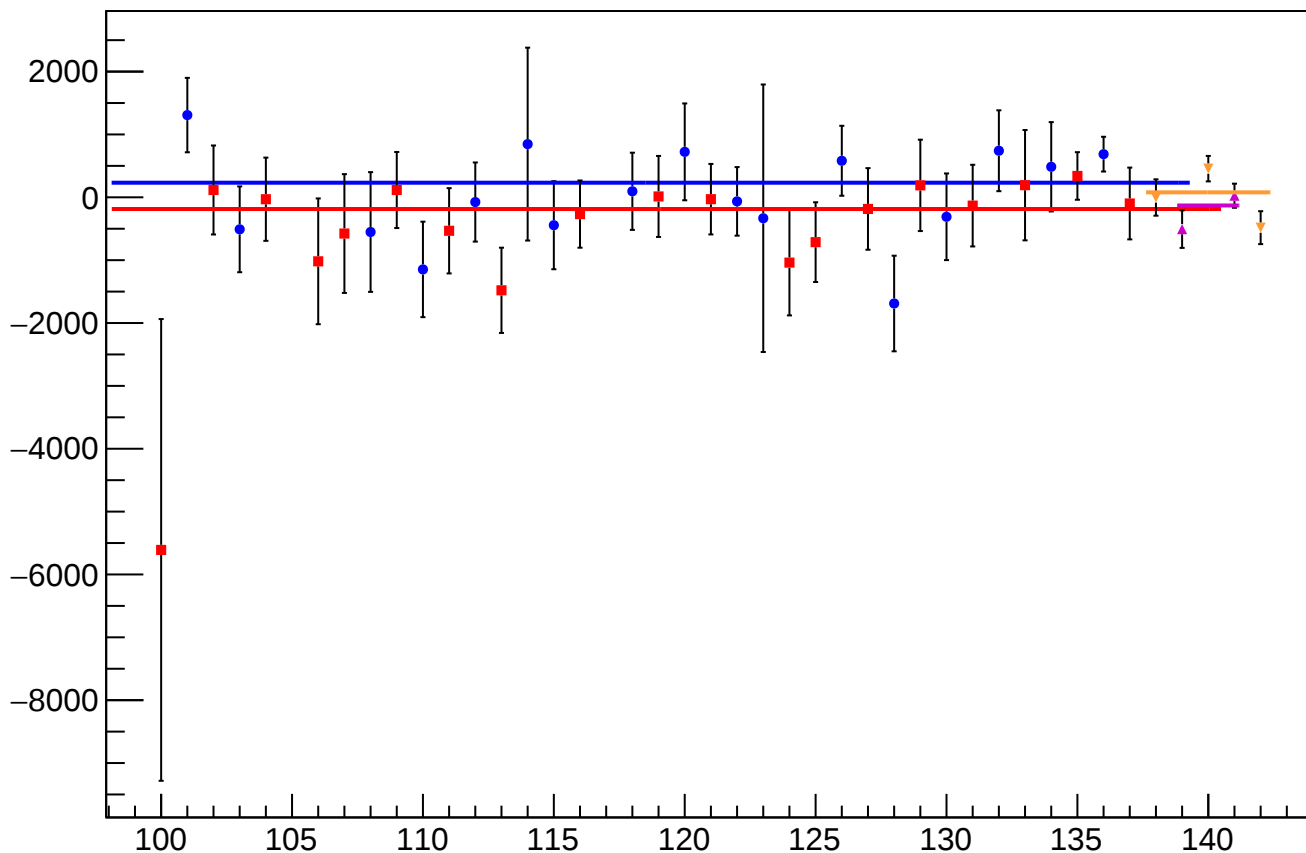
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 31.291 $\pm$ 0.008 χ^2 /NDF: 661364.3/18

Out: 33.263 $\pm$ 0.008 χ^2 /NDF: 852977.4/21

All: 32.247 $\pm$ 0.006 χ^2 /NDF: 1544829.8/40

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: 79.105 $\pm$ 140.145 χ^2 /NDF:8.1/2

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -130.179 $\pm$ 161.182 χ^2 /NDF:2.3/1

Left: -10.997 $\pm$ 105.759 χ^2 /NDF: 11.4/4

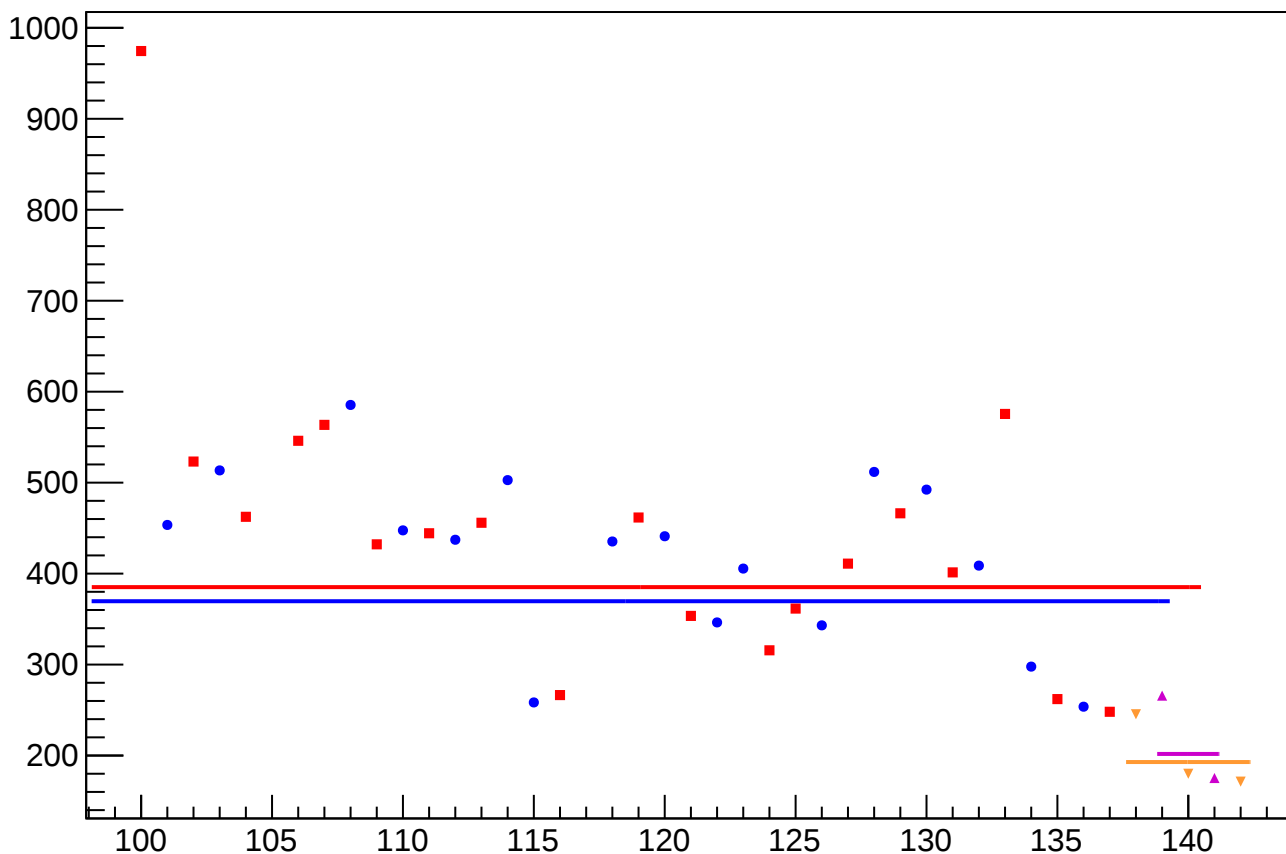
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 65.767 $\pm$ 109.257 χ^2 /NDF:26.4/18

Out: -44.653 $\pm$ 102.366 χ^2 /NDF:21.6/21

All: 6.965 $\pm$ 74.701 χ^2 /NDF: 48.6/40

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: 192.859 $\pm$ 0.099 χ^2 /NDF: 87560.4/2

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 201.763 $\pm$ 0.114 χ^2 /NDF: 130559.8/1

Left: 196.692 $\pm$ 0.075 χ^2 /NDF: 221596.0/4

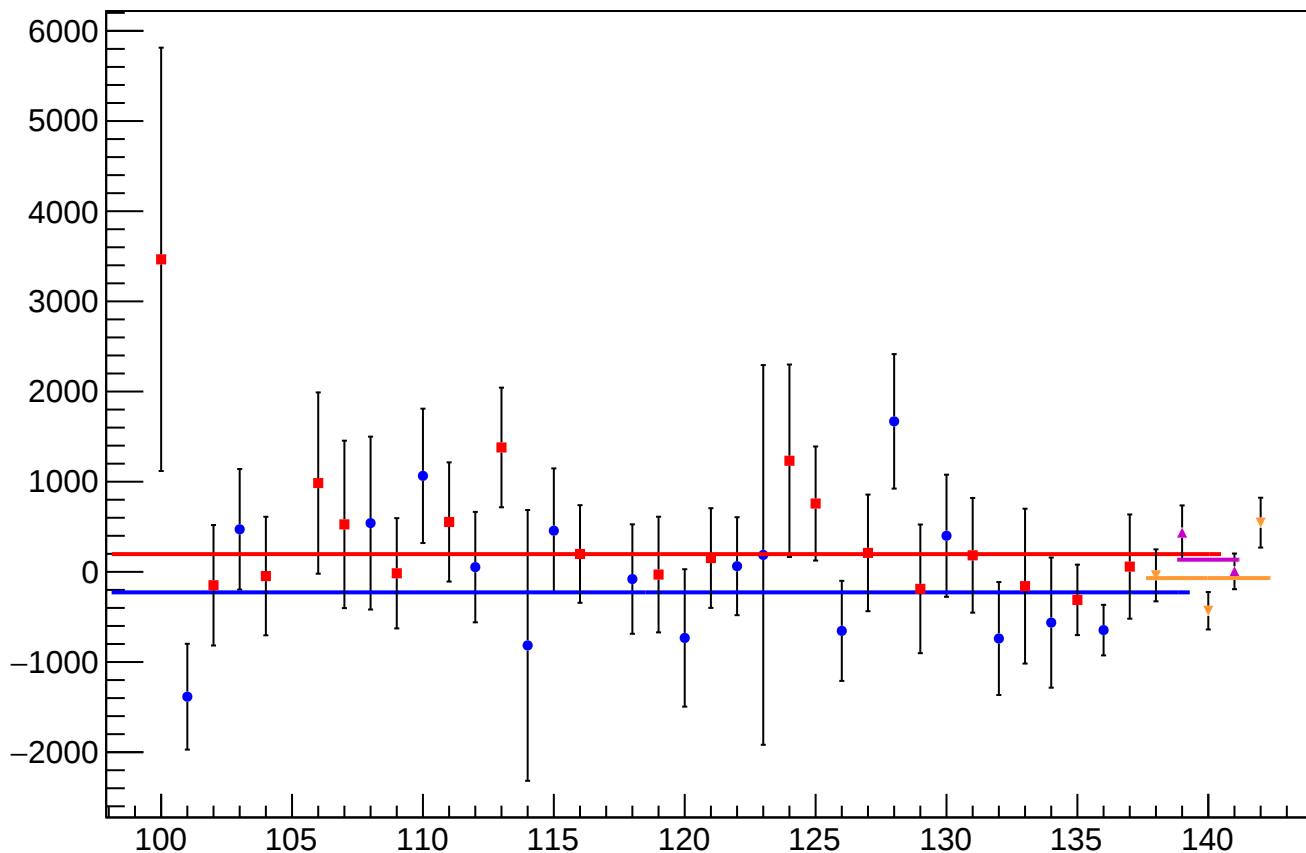
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 292.510 $\pm$ 0.077 χ^2 /NDF: 2206188.8/18

Out: 282.561 $\pm$ 0.072 χ^2 /NDF: 2770611.0/21

All: 287.212 $\pm$ 0.053 χ^2 /NDF: 4985632.2/40

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: -69.051 ± 143.809 $\chi^2/\text{NDF}: 8.0/2$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 135.155 ± 165.356 $\chi^2/\text{NDF}: 1.4/1$

Left: 18.889 ± 108.512 $\chi^2/\text{NDF}: 10.3/4$

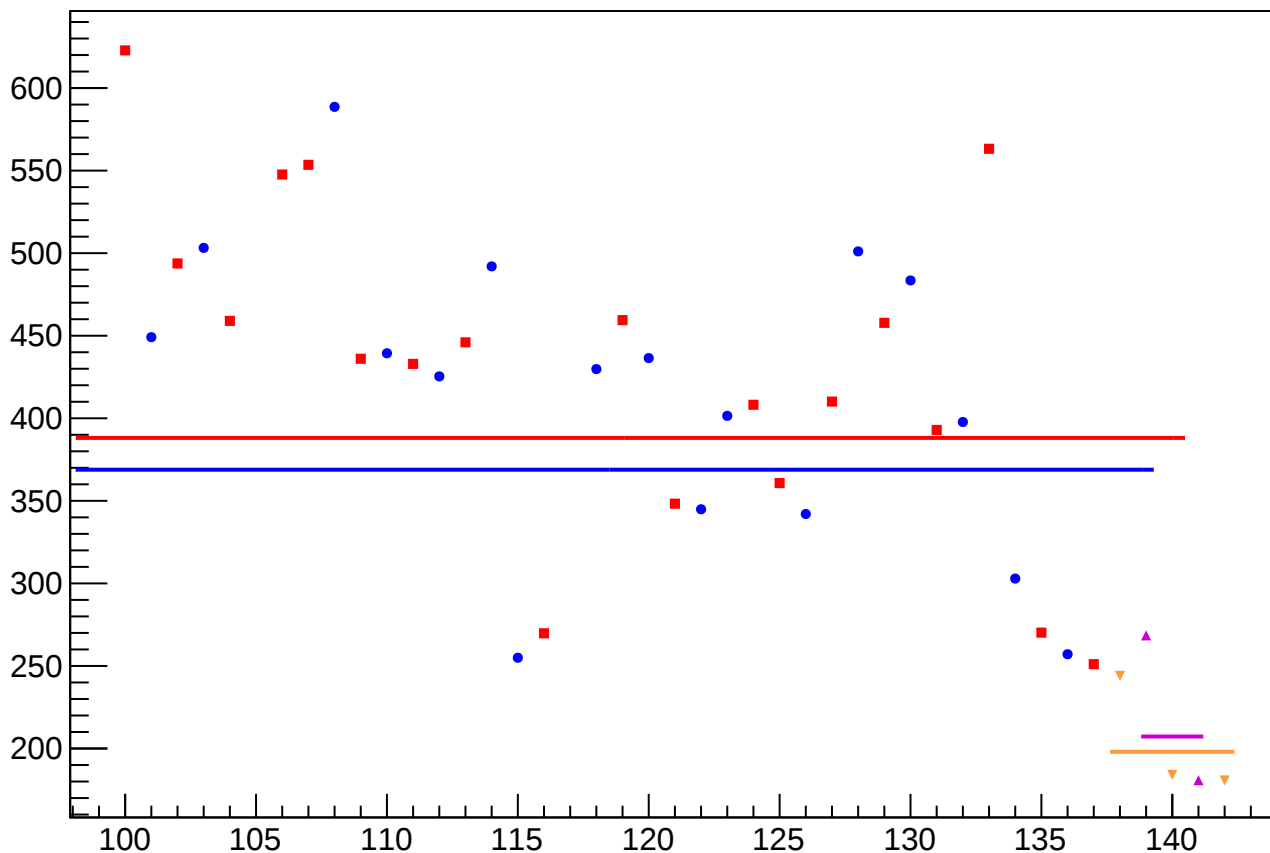
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: -66.168 ± 110.247 $\chi^2/\text{NDF}: 25.9/18$

Out: 58.095 ± 103.867 $\chi^2/\text{NDF}: 20.4/21$

All: -0.337 ± 75.600 $\chi^2/\text{NDF}: 47.0/40$

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: 198.029 $\pm$ 0.102 χ^2 /NDF: 67899.6/2

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 207.255 $\pm$ 0.117 χ^2 /NDF: 118457.0/1

Left: 202.002 $\pm$ 0.077 χ^2 /NDF: 189901.1/4

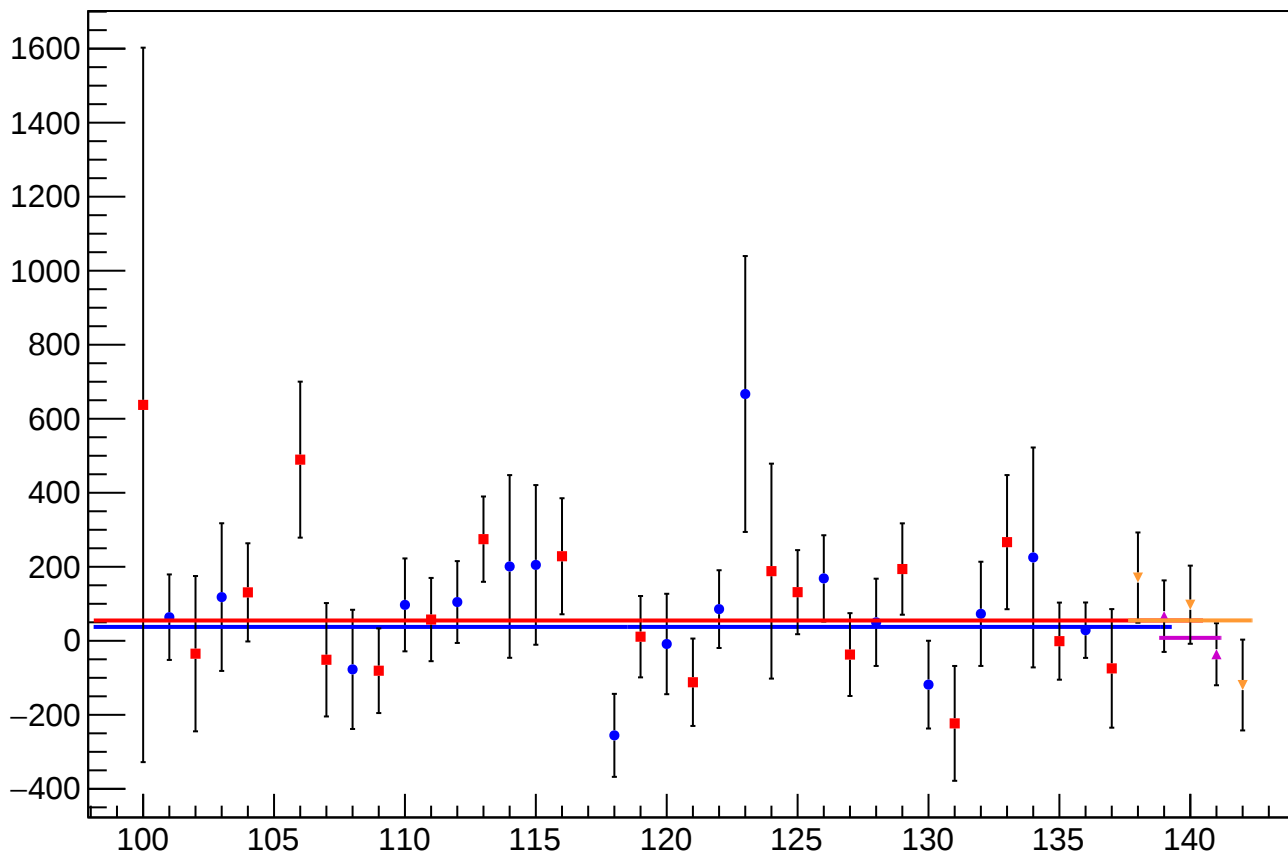
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 297.025 $\pm$ 0.078 χ^2 /NDF: 2009359.0/18

Out: 288.963 $\pm$ 0.073 χ^2 /NDF: 2517797.4/21

All: 292.754 $\pm$ 0.053 χ^2 /NDF: 4532822.2/40

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 55.105+/-66.894 χ^2/NDF : 3.1/2

Right Out: 54.894+/-31.473 χ^2/NDF : 22.2/18

Left In: 7.951+/-63.344 χ^2/NDF : 0.6/1

Left: 30.244+/-45.995 χ^2/NDF : 4.0/4

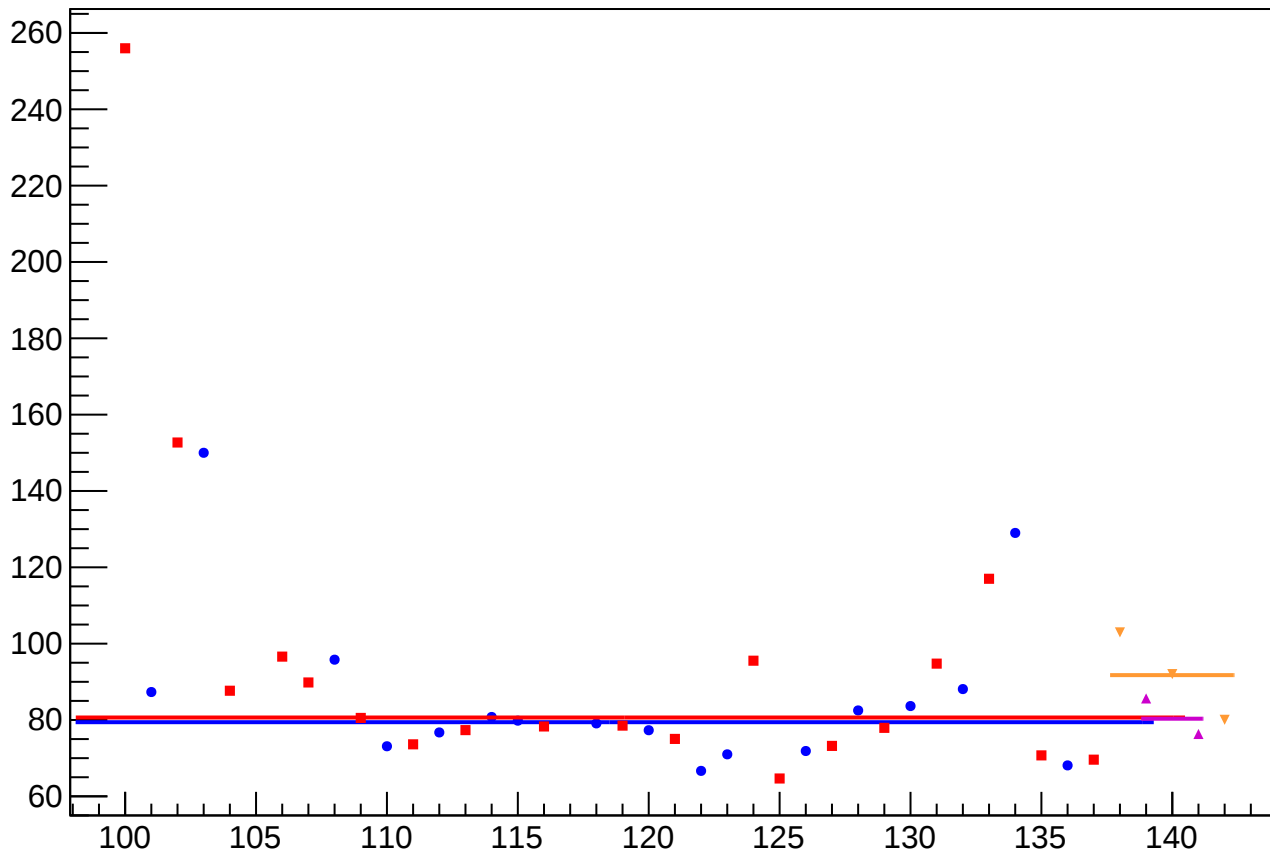
Right: 46.211+/-22.250 χ^2/NDF : 38.2/35

In: 31.682+/-28.176 χ^2/NDF : 16.7/18

Out: 54.932+/-28.478 χ^2/NDF : 25.2/21

All: 43.183+/-20.030 χ^2/NDF : 42.3/40

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: 91.755 $\pm$ 0.047 χ^2 /NDF: 35098.6/2

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 80.336 $\pm$ 0.045 χ^2 /NDF: 10588.2/1

Left: 85.734 $\pm$ 0.033 χ^2 /NDF: 76413.0/4

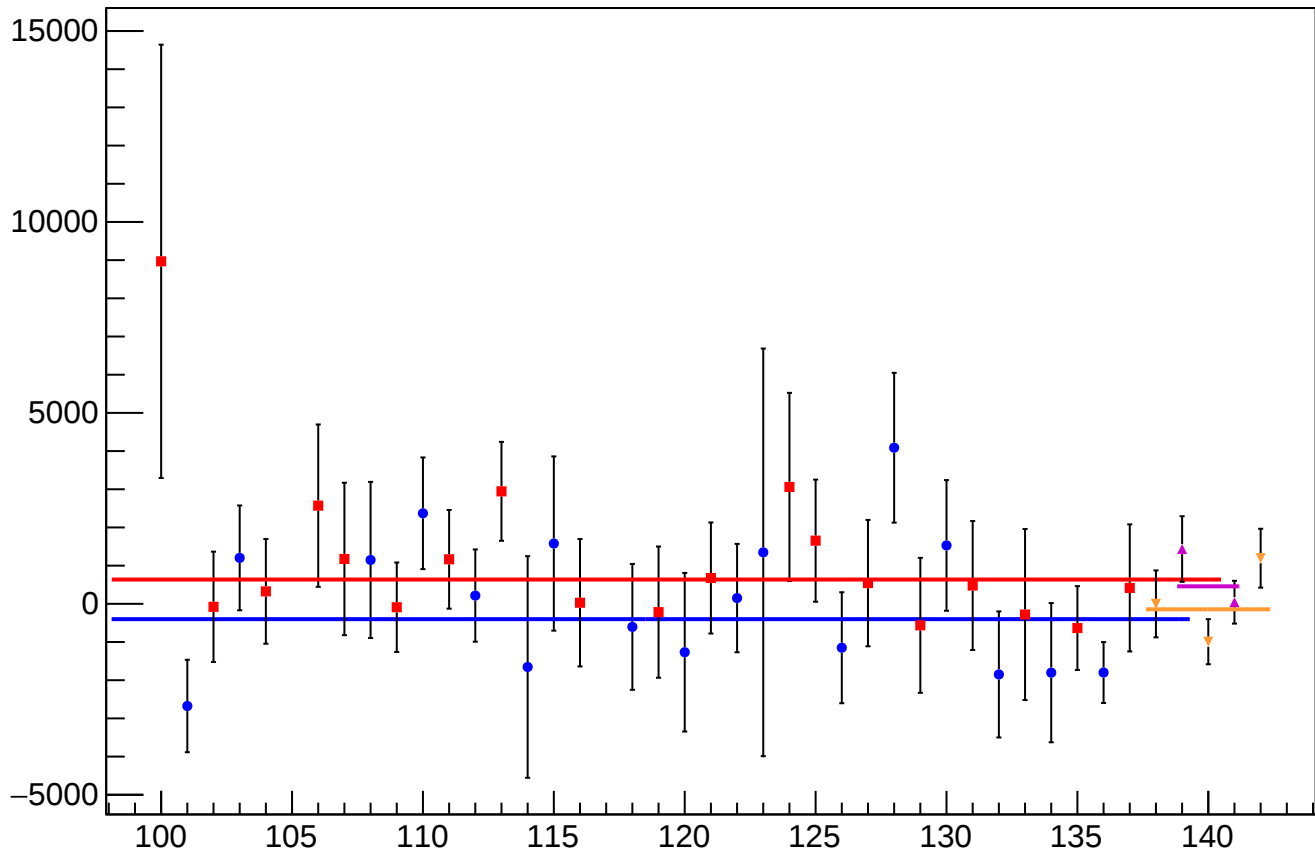
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 79.602 $\pm$ 0.020 χ^2 /NDF: 449969.8/18

Out: 82.664 $\pm$ 0.020 χ^2 /NDF: 600649.9/21

All: 81.117 $\pm$ 0.014 χ^2 /NDF: 1062303.3/40

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -143.461+/-413.136 χ^2/NDF : 5.1/2

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 458.574+/-469.306 χ^2/NDF : 1.8/1

Left: 119.390+/-310.099 χ^2/NDF : 7.9/4

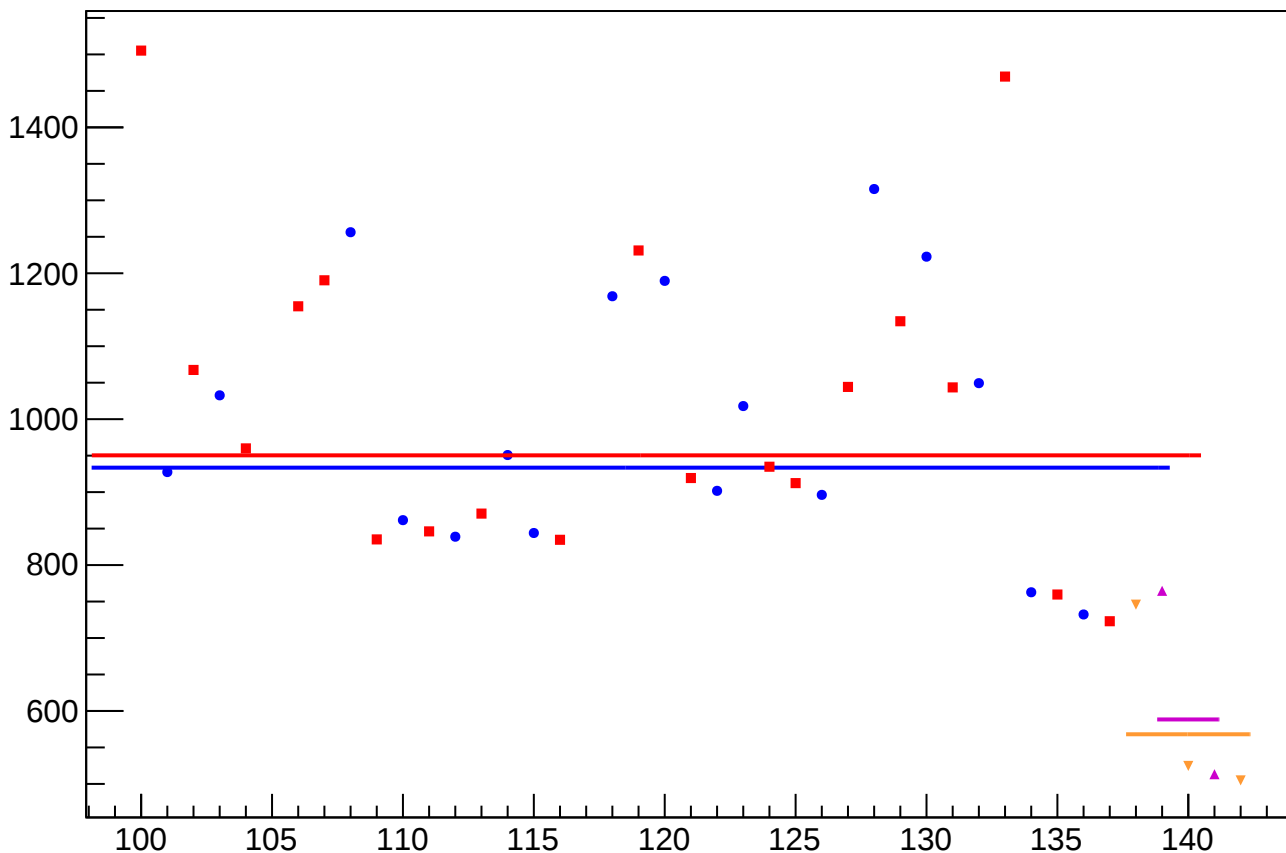
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: -73.214+/-289.821 χ^2/NDF : 25.8/18

Out: 296.568+/-272.659 χ^2/NDF : 18.0/21

All: 122.949+/-198.589 χ^2/NDF : 44.7/40

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 568.061+/-0.292 χ^2/NDF : 106435.9/2

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 588.374+/-0.332 χ^2/NDF : 120192.6/1

Left: 576.930+/-0.219 χ^2/NDF : 228739.6/4

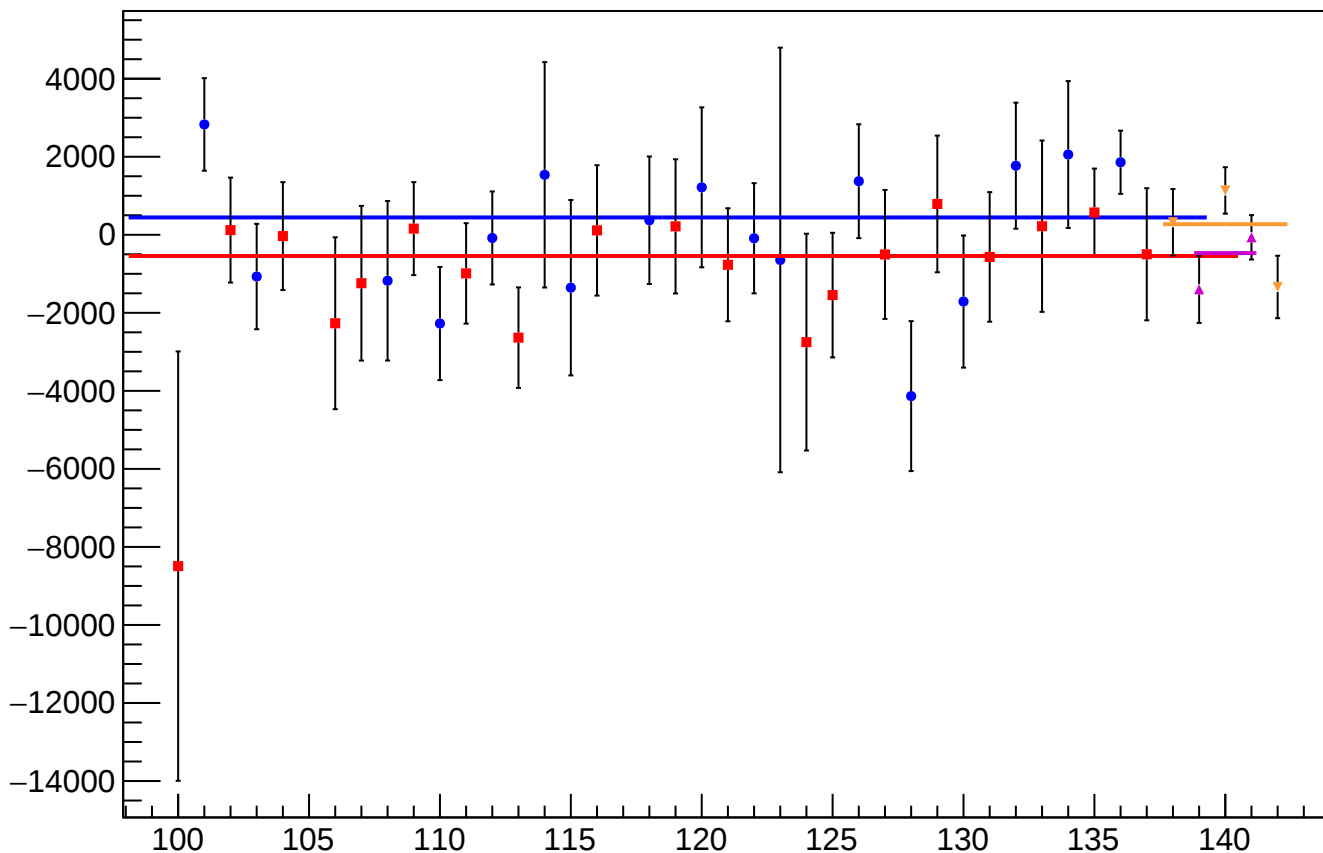
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 801.898+/-0.205 χ^2/NDF : 1231751.0/18

Out: 783.872+/-0.193 χ^2/NDF : 1497691.7/21

All: 792.336+/-0.140 χ^2/NDF : 2733547.2/40

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 271.250+/-416.572 χ^2/NDF : 6.2/2

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -468.671+/-474.545 χ^2/NDF : 1.7/1

Left: -50.777+/-313.062 χ^2/NDF : 9.2/4

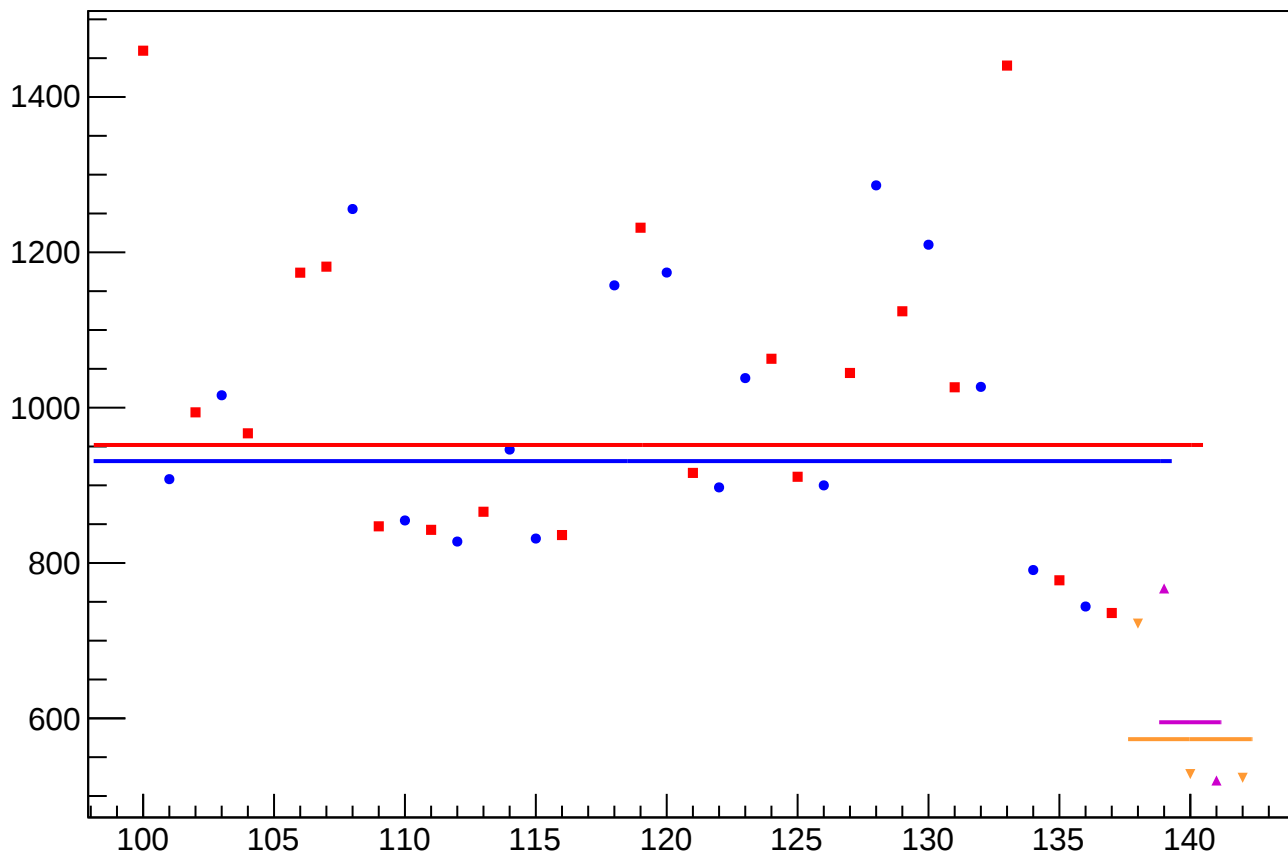
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 102.729+/-290.360 χ^2/NDF : 26.9/18

Out: -191.233+/-273.809 χ^2/NDF : 17.7/21

All: -52.868+/-199.207 χ^2/NDF : 45.2/40

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 573.196+/-0.295 χ^2/NDF : 80050.8/2

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 594.963+/-0.336 χ^2/NDF : 114727.4/1

Left: 582.669+/-0.221 χ^2/NDF : 197154.7/4

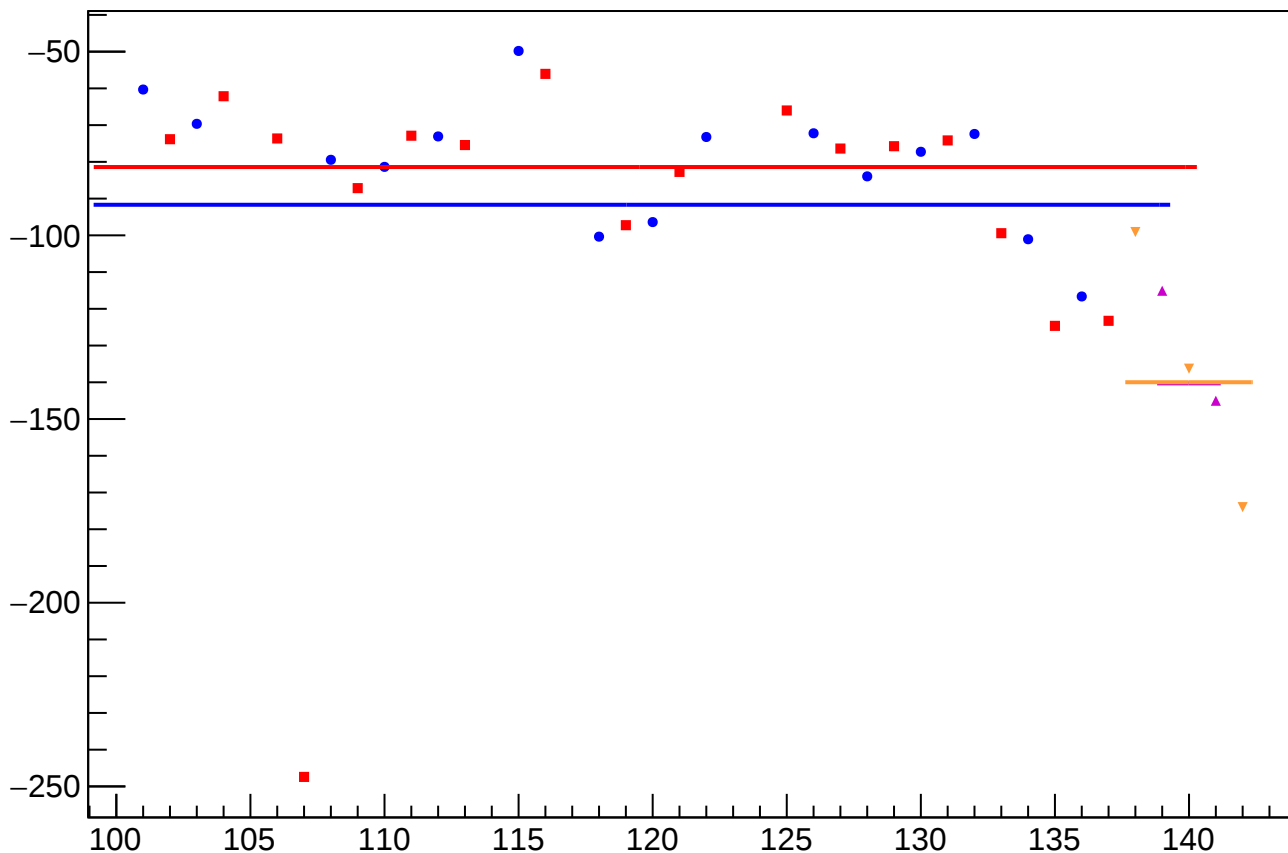
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 805.320+/-0.205 χ^2/NDF : 1143144.4/18

Out: 788.324+/-0.194 χ^2/NDF : 1401810.9/21

All: 796.324+/-0.141 χ^2/NDF : 2548582.3/40

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -139.982 ± 0.245 χ^2/NDF : 6333.7/2

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -140.302 ± 0.160 χ^2/NDF : 4649.5/1

Left: -140.206 ± 0.134 χ^2/NDF : 10984.4/4

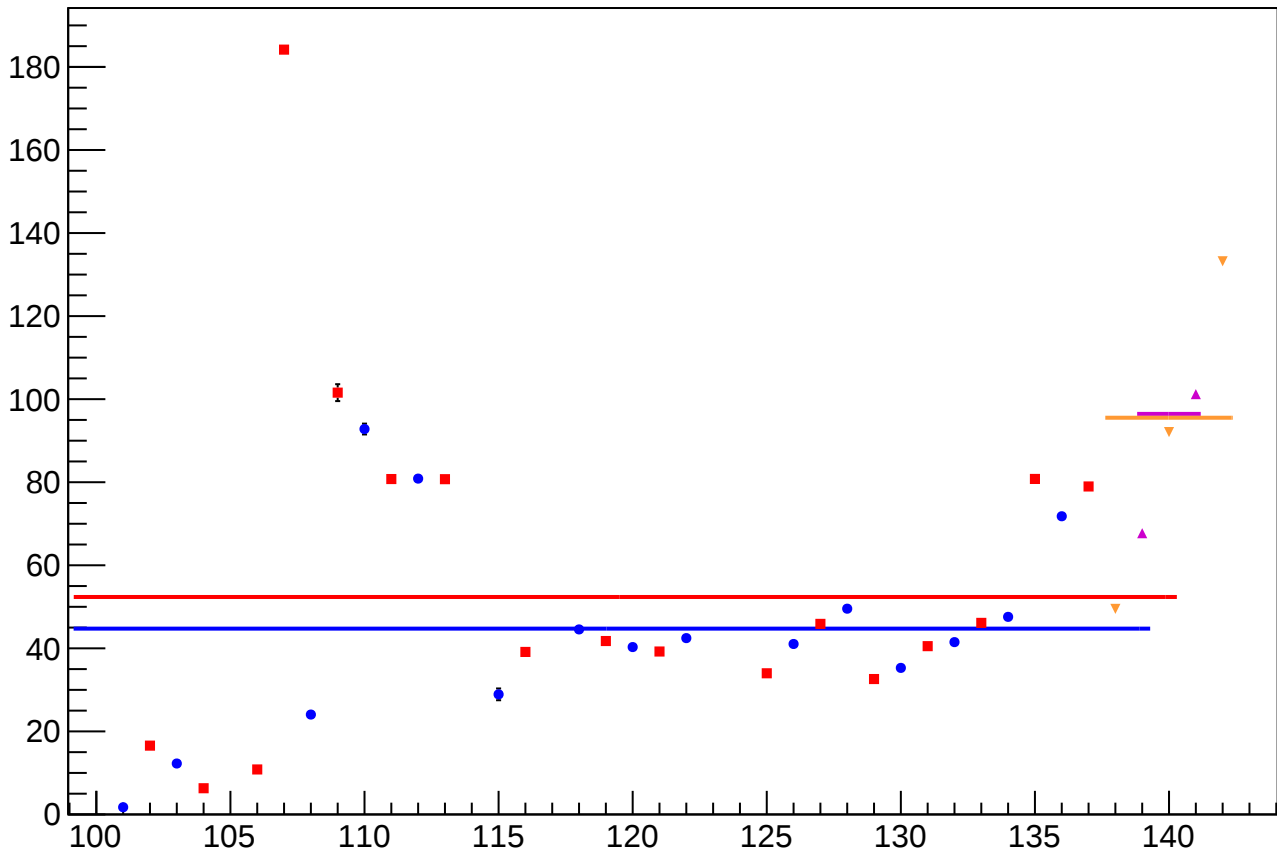
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -99.520 ± 0.064 χ^2/NDF : 146781.3/16

Out: -89.580 ± 0.091 χ^2/NDF : 97424.6/19

All: -96.231 ± 0.053 χ^2/NDF : 252130.3/36

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 95.529+/-0.263 χ^2/NDF : 6579.7/2

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 96.453+/-0.160 χ^2/NDF : 5317.1/1

Left: 96.202+/-0.137 χ^2/NDF : 11905.8/4

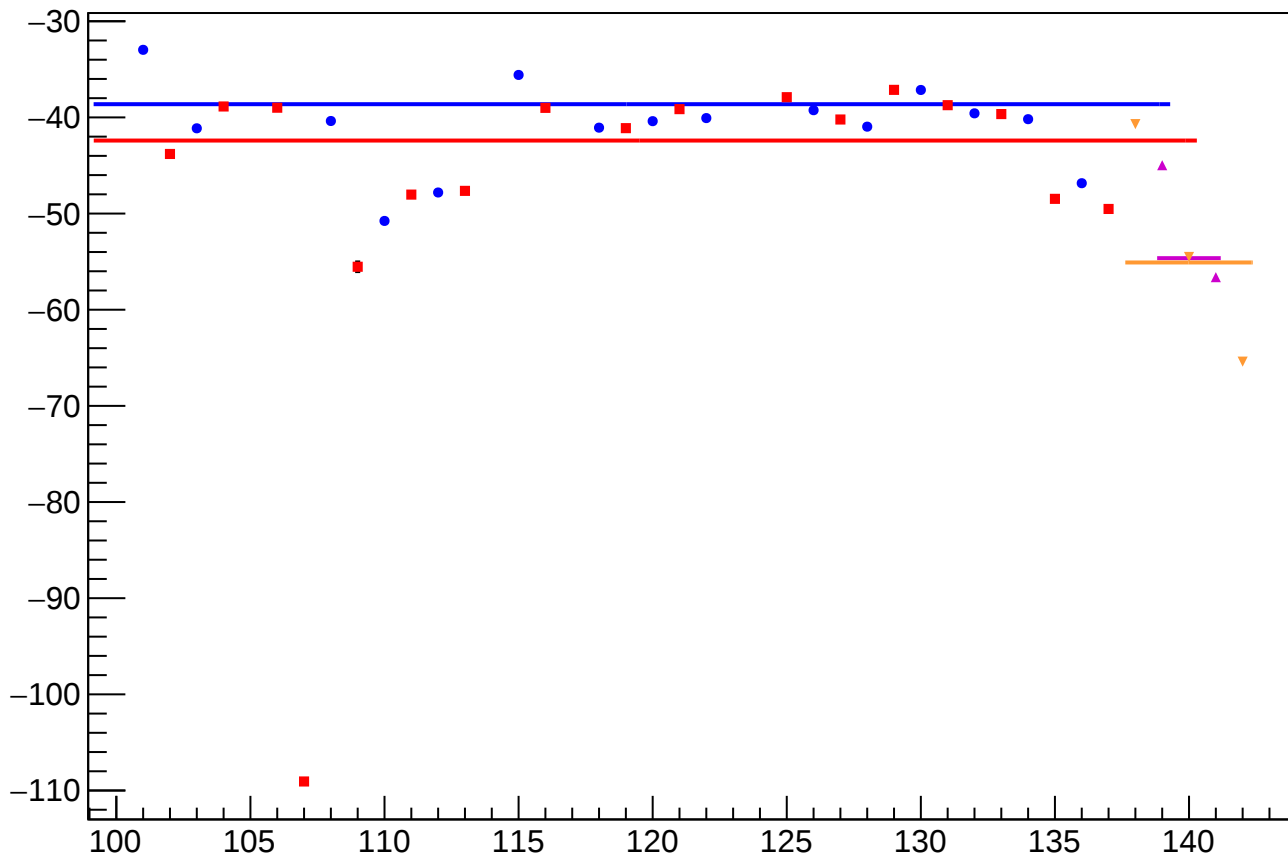
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 51.201+/-0.057 χ^2/NDF : 181012.2/16

Out: 59.063+/-0.103 χ^2/NDF : 98677.7/19

All: 53.015+/-0.050 χ^2/NDF : 284132.1/36

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -55.086+/-0.071 χ^2/NDF : 6912.6/2

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -54.638+/-0.046 χ^2/NDF : 8933.6/1

Left: -54.773+/-0.039 χ^2/NDF : 15874.5/4

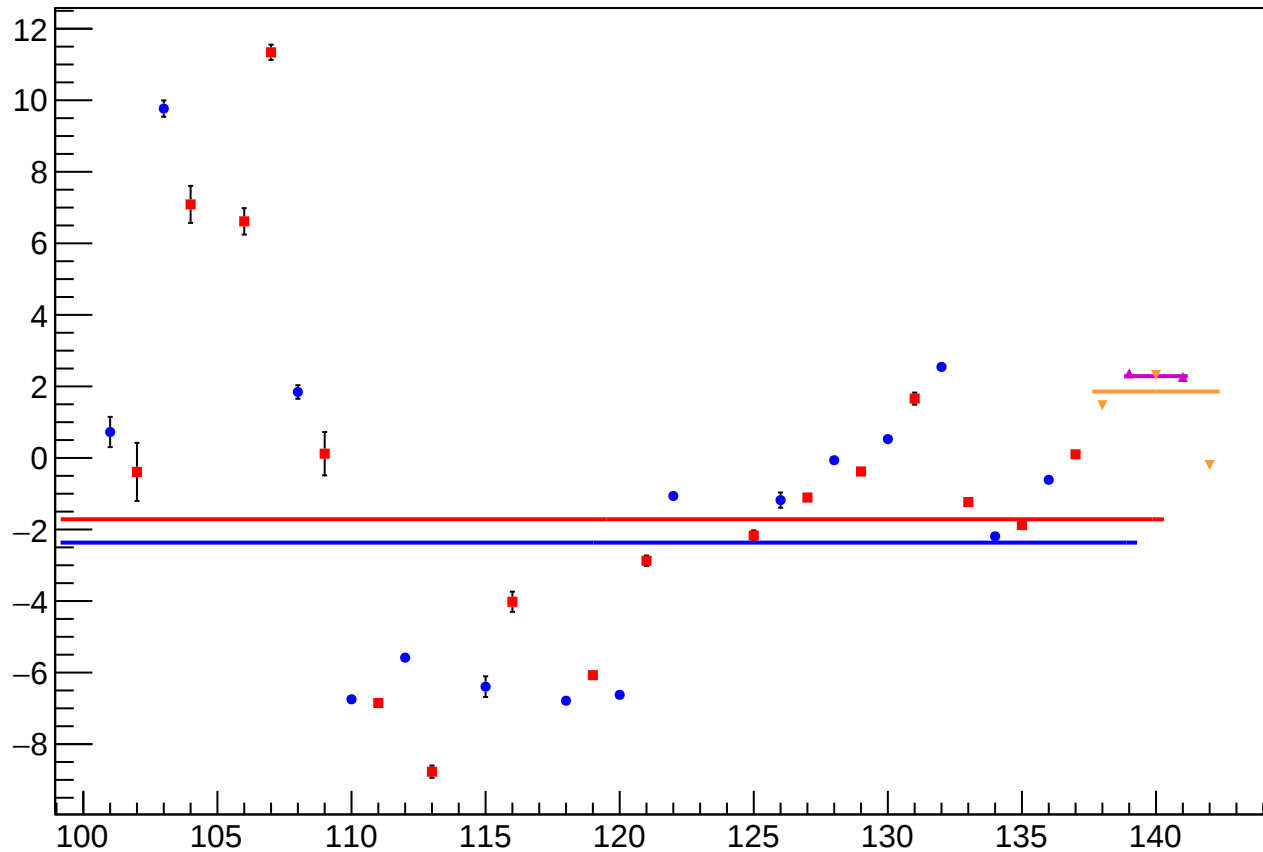
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -39.121+/-0.008 χ^2/NDF : 365242.7/16

Out: -43.461+/-0.020 χ^2/NDF : 305579.3/19

All: -39.718+/-0.008 χ^2/NDF : 709929.4/36

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.857 ± 0.032 χ^2/NDF : 818.8/2

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 2.288 ± 0.022 χ^2/NDF : 3.6/1

Left: 2.154 ± 0.018 χ^2/NDF : 944.1/4

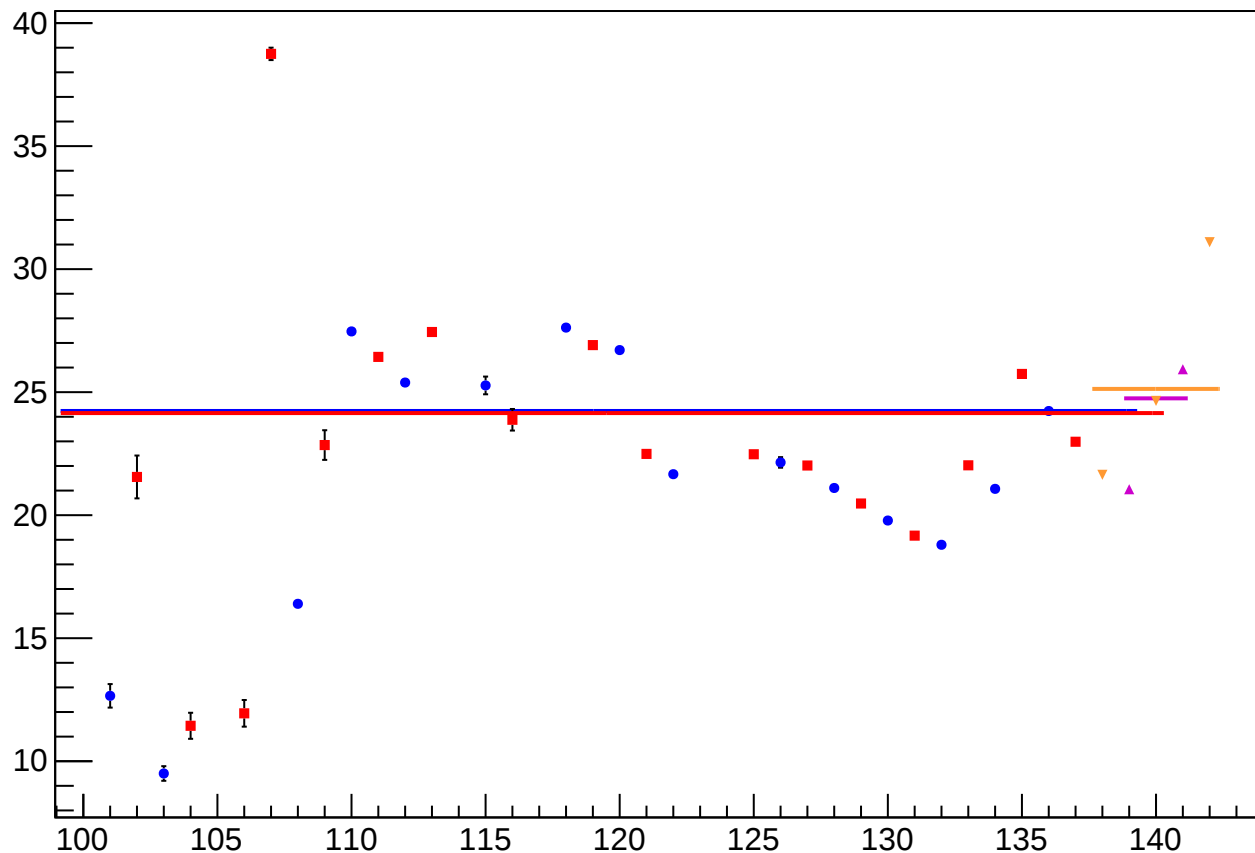
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: -0.994 ± 0.012 χ^2/NDF : 61060.1/16

Out: -0.257 ± 0.021 χ^2/NDF : 20686.6/19

All: -0.814 ± 0.010 χ^2/NDF : 82699.8/36

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 25.133+/-0.061 χ^2/NDF :1961.0/2

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 24.748+/-0.037 χ^2/NDF :3151.3/1

Left: 24.852+/-0.032 χ^2/NDF : 5141.1/4

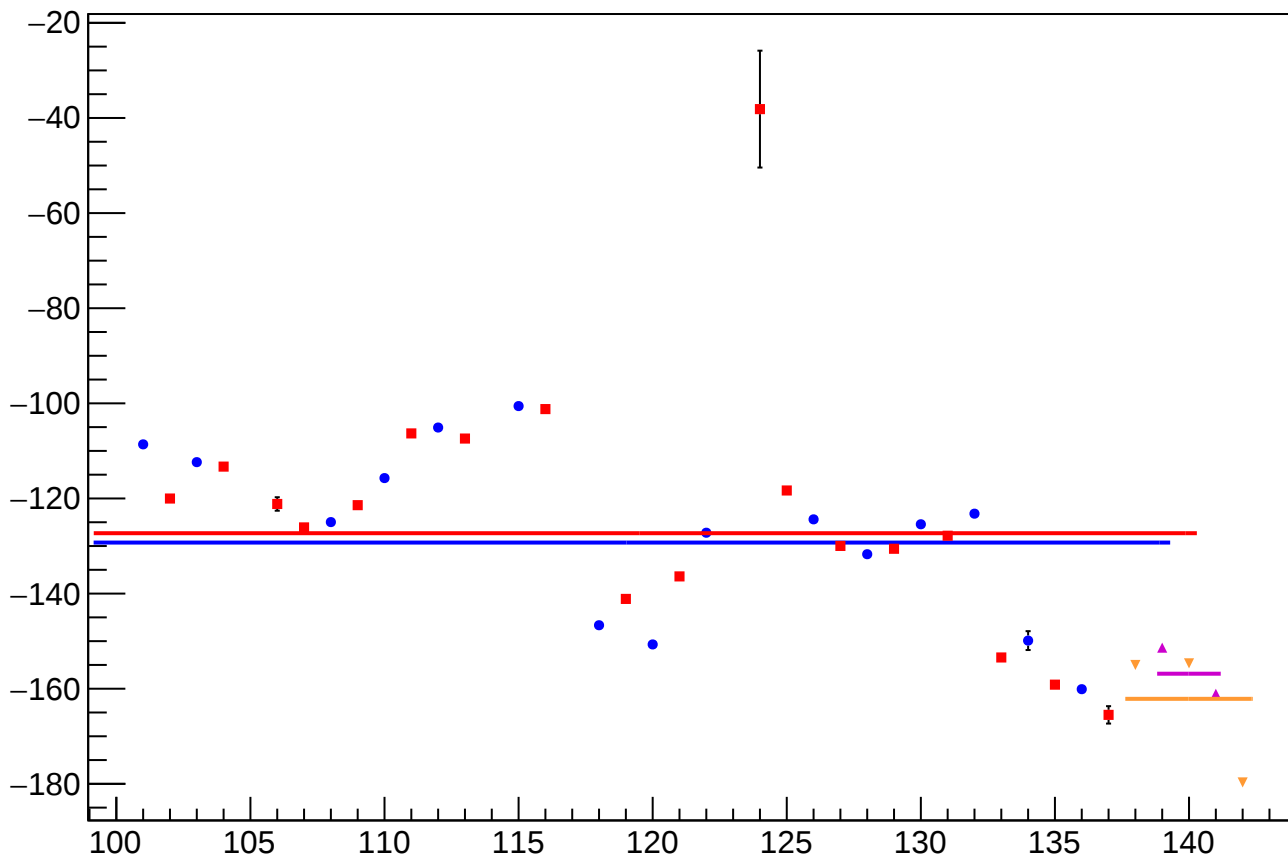
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 24.368+/-0.019 χ^2/NDF :25188.9/16

Out: 24.285+/-0.023 χ^2/NDF :15405.9/19

All: 24.334+/-0.015 χ^2/NDF : 40602.9/36

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -162.127+/-0.155 χ^2/NDF :5282.4/2

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -156.845+/-0.169 χ^2/NDF :811.7/1

Left: -159.701+/-0.114 χ^2/NDF : 6624.4/4

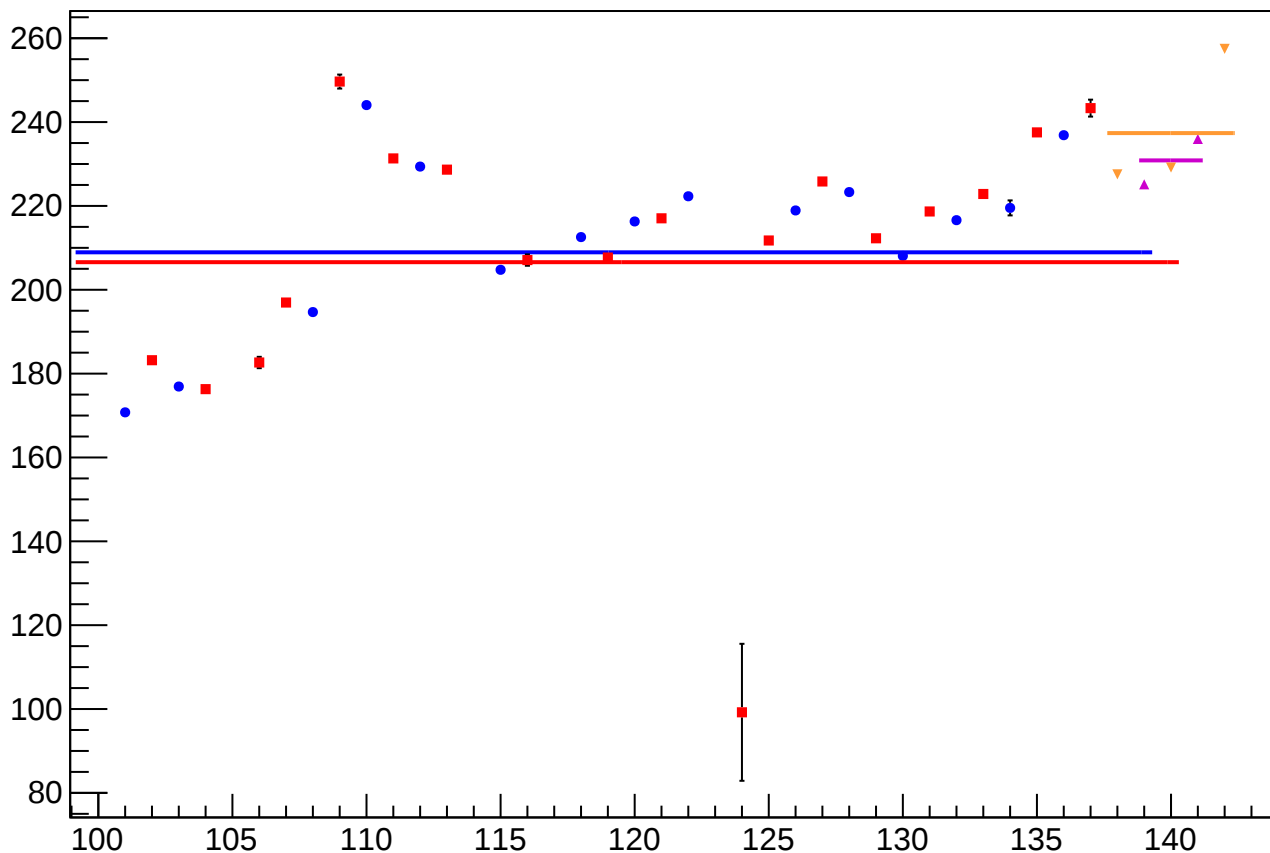
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -135.148+/-0.078 χ^2/NDF :56951.6/16

Out: -135.220+/-0.074 χ^2/NDF :73658.6/20

All: -135.186+/-0.054 χ^2/NDF : 130610.7/37

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934+/-0.089 χ^2/NDF : 44684.8/14

Left Out: 237.371+/-0.157 χ^2/NDF : 7446.9/2

Right Out: 206.581+/-0.083 χ^2/NDF : 48210.8/17

Left In: 230.858+/-0.155 χ^2/NDF : 1217.8/1

Left: 234.066+/-0.110 χ^2/NDF : 9536.0/4

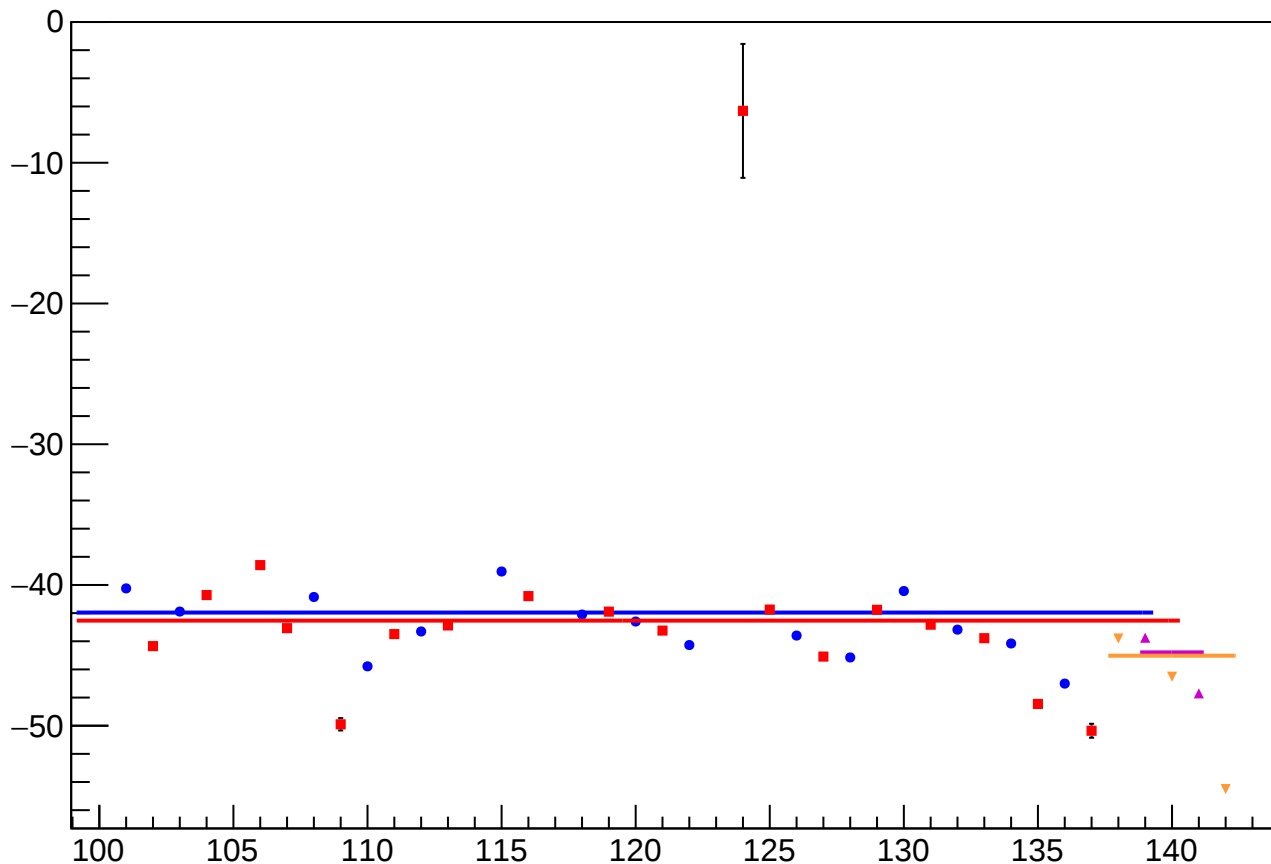
Right: 207.675+/-0.061 χ^2/NDF : 93267.6/32

In: 214.397+/-0.077 χ^2/NDF : 60954.5/16

Out: 213.320+/-0.074 χ^2/NDF : 85642.2/20

All: 213.831+/-0.053 χ^2/NDF : 146698.6/37

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -45.026 ± 0.029 χ^2/NDF : 6389.4/2

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -44.790 ± 0.023 χ^2/NDF : 5644.3/1

Left: -44.881 ± 0.018 χ^2/NDF : 12073.5/4

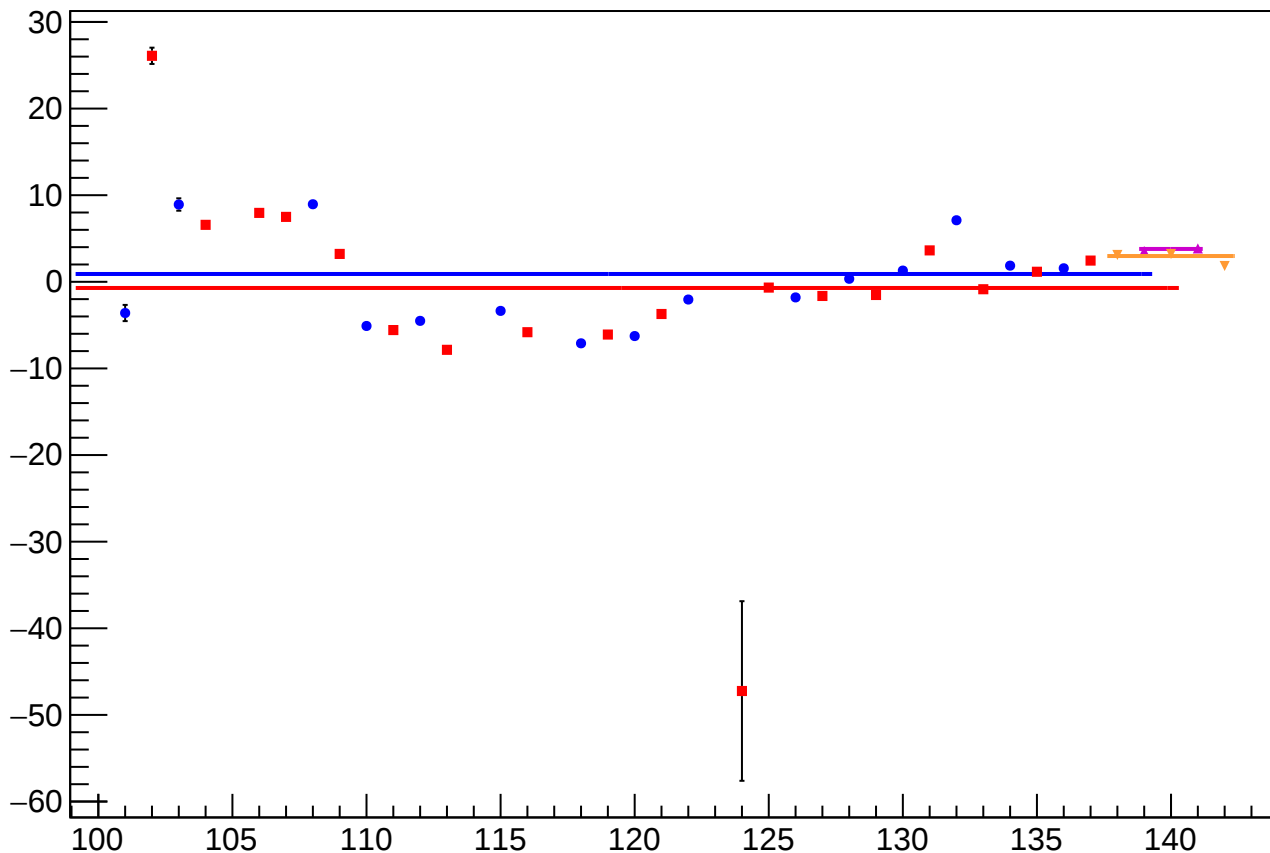
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -42.842 ± 0.013 χ^2/NDF : 40126.5/16

Out: -43.359 ± 0.017 χ^2/NDF : 17362.0/20

All: -43.033 ± 0.010 χ^2/NDF : 58079.8/37

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 2.977 ± 0.026 χ^2/NDF : 385.4/2

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.794 ± 0.025 χ^2/NDF : 23.3/1

Left: 3.403 ± 0.018 χ^2/NDF : 919.5/4

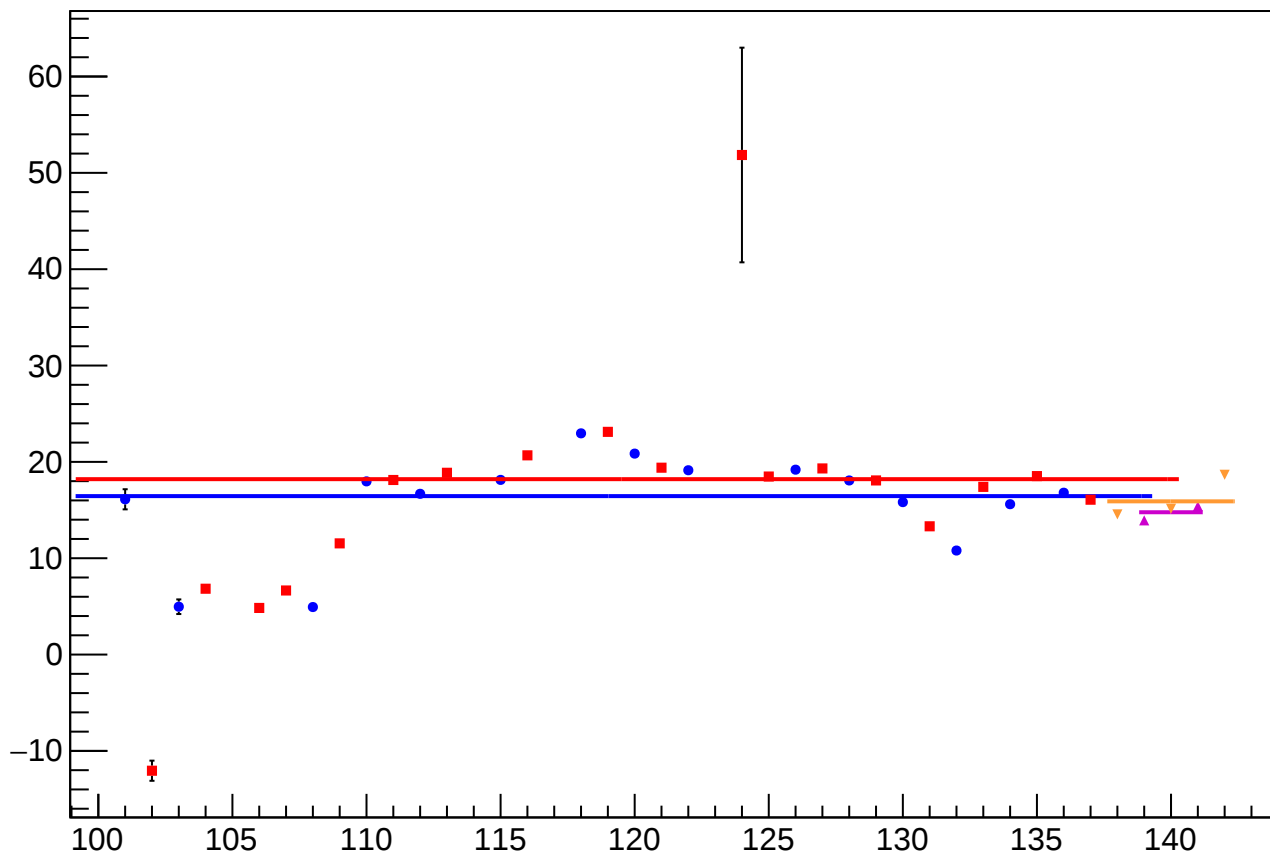
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.034 ± 0.016 χ^2/NDF : 29299.8/16

Out: 1.000 ± 0.018 χ^2/NDF : 41797.8/20

All: 1.583 ± 0.012 χ^2/NDF : 73002.5/37

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 15.903 $\pm$ 0.036 χ^2 /NDF: 1873.8/2

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 14.772 $\pm$ 0.031 χ^2 /NDF: 537.7/1

Left: 15.259 $\pm$ 0.024 χ^2 /NDF: 2972.8/4

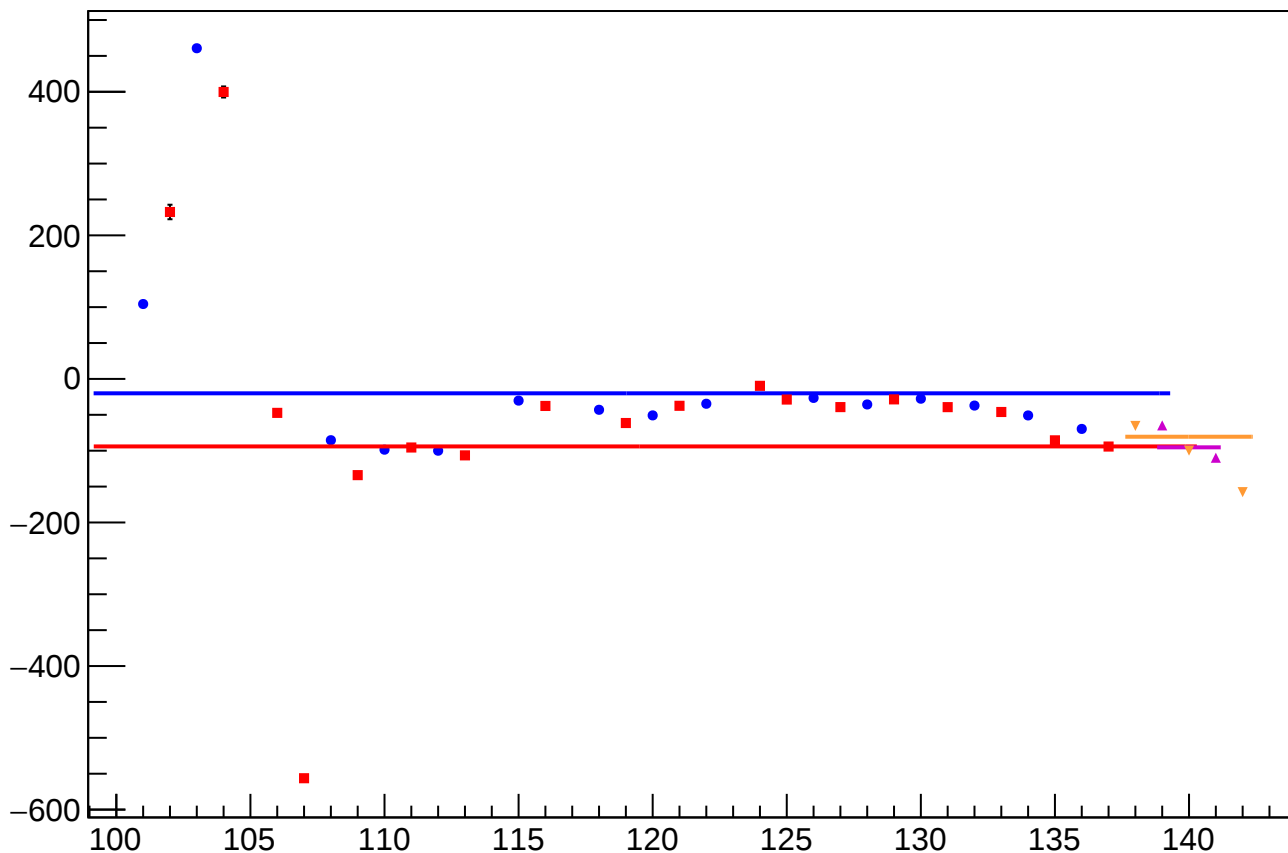
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 15.815 $\pm$ 0.019 χ^2 /NDF: 16499.6/16

Out: 17.646 $\pm$ 0.018 χ^2 /NDF: 32460.2/20

All: 16.804 $\pm$ 0.013 χ^2 /NDF: 53844.7/37

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -80.542 ± 0.306 $\chi^2/\text{NDF}: 5729.1/2$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -95.314 ± 0.388 $\chi^2/\text{NDF}: 2941.0/1$

Left: -86.208 ± 0.240 $\chi^2/\text{NDF}: 9564.1/4$

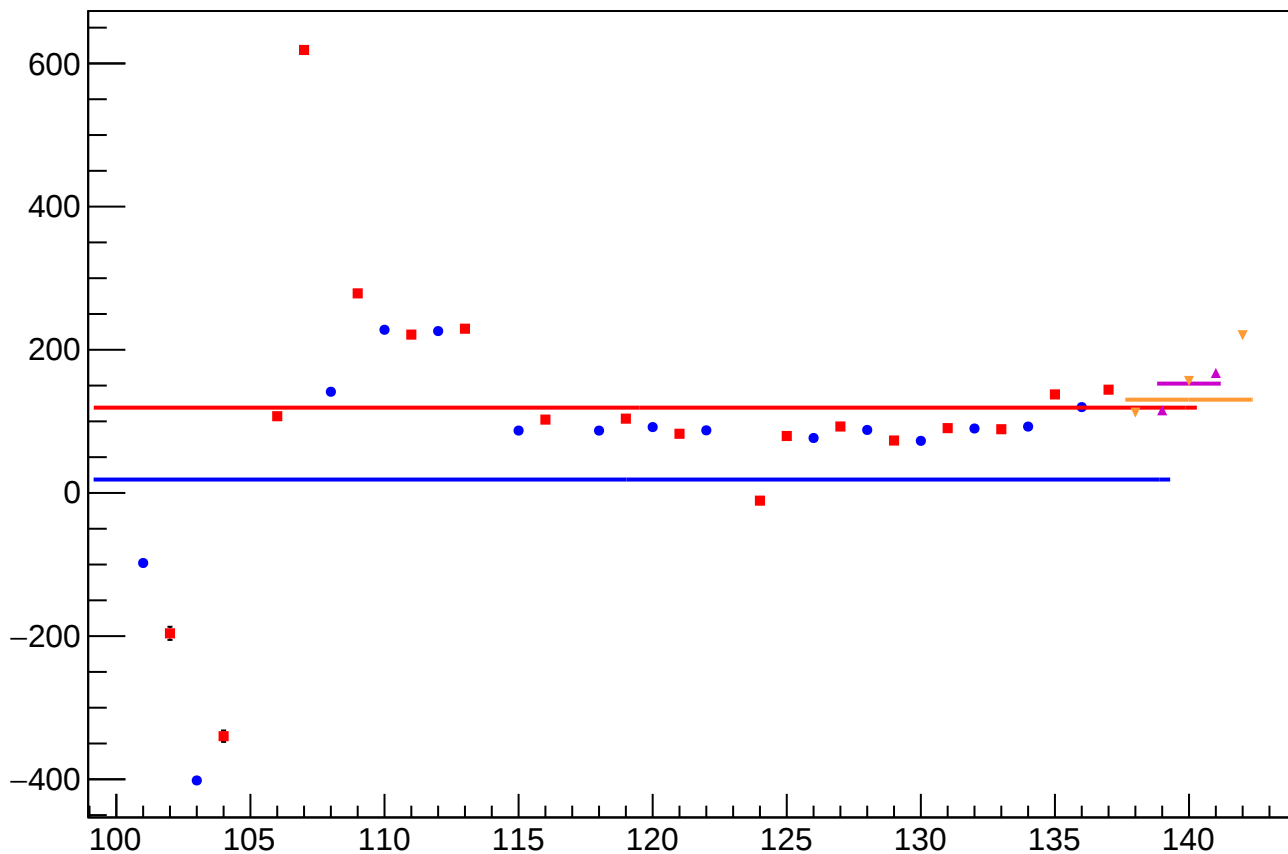
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -30.207 ± 0.142 $\chi^2/\text{NDF}: 476963.7/16$

Out: -94.028 ± 0.012 $\chi^2/\text{NDF}: 95162.6/20$

All: -93.546 ± 0.012 $\chi^2/\text{NDF}: 771344.2/37$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 130.301 ± 0.310 $\chi^2/\text{NDF}: 8077.0/2$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 152.748 ± 0.372 $\chi^2/\text{NDF}: 4007.2/1$

Left: 139.512 ± 0.238 $\chi^2/\text{NDF}: 14228.7/4$

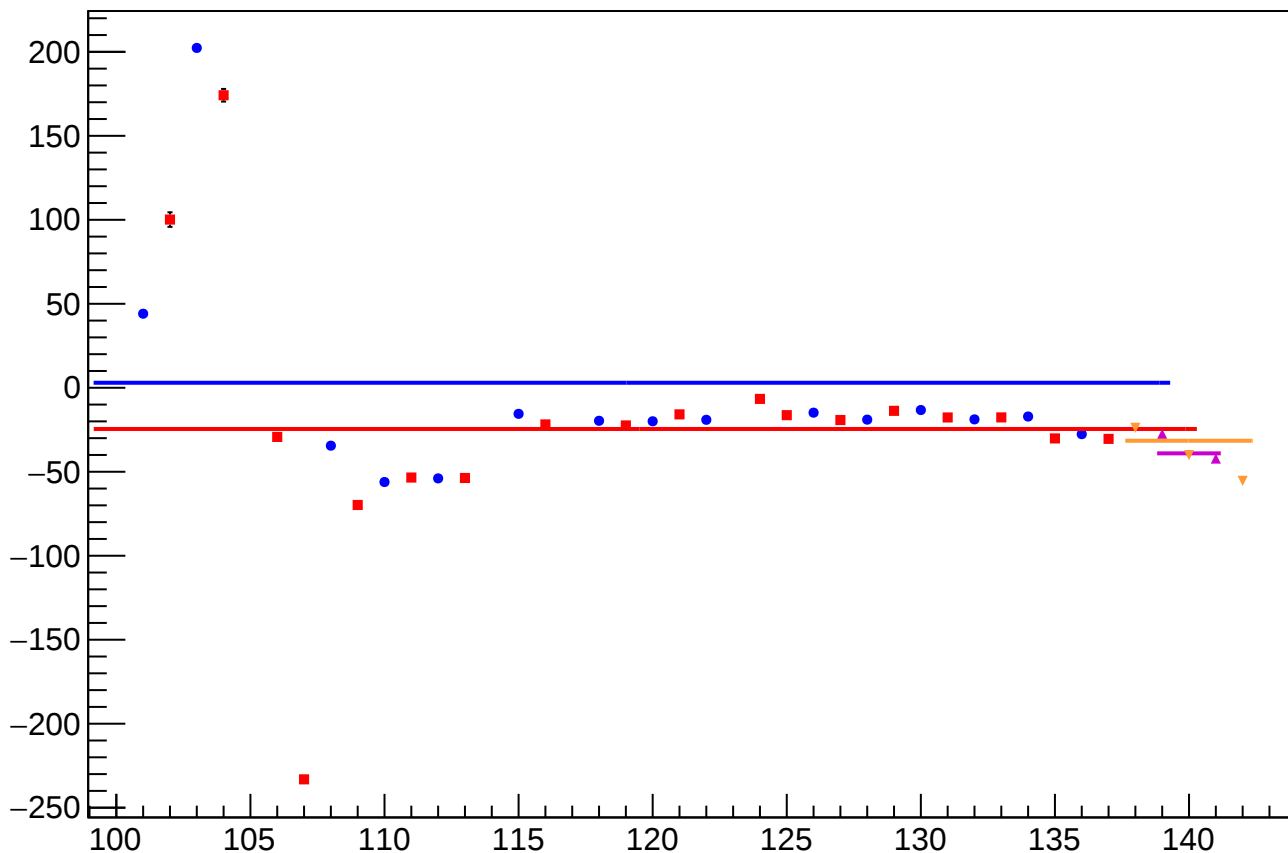
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 37.902 ± 0.141 $\chi^2/\text{NDF}: 1216903.0/16$

Out: 122.415 ± 0.168 $\chi^2/\text{NDF}: 96437.8/20$

All: 72.840 ± 0.108 $\chi^2/\text{NDF}: 1462327.2/37$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991+/-0.027 χ^2/NDF : 3496745.8/14

Left Out: -31.525+/-0.072 χ^2/NDF :18595.0/2

Right Out: -24.533+/-0.044 χ^2/NDF : 176488.8/17

Left In: -39.043+/-0.066 χ^2/NDF :8238.9/1

Left: -35.613+/-0.049 χ^2/NDF : 32703.0/4

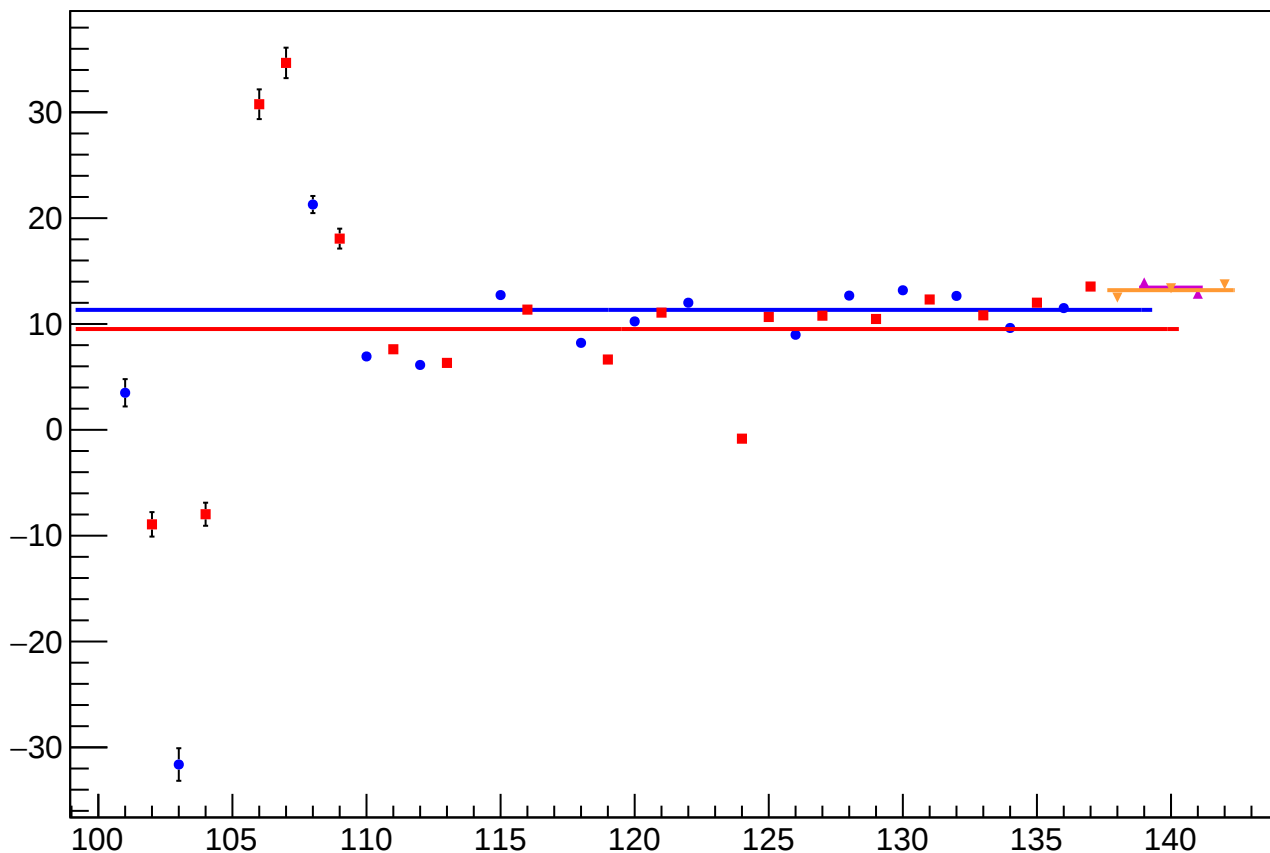
Right: -4.585+/-0.023 χ^2/NDF : 3961708.4/32

In: -2.947+/-0.025 χ^2/NDF :3850243.9/16

Out: -26.396+/-0.037 χ^2/NDF :201931.4/20

All: -10.165+/-0.021 χ^2/NDF : 4324859.1/37

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334+/-0.037 χ^2 /NDF: 2406.0/14

Left Out: 13.196+/-0.046 χ^2 /NDF:111.2/2

Right Out: 9.524+/-0.048 χ^2 /NDF: 4066.9/17

Left In: 13.439+/-0.058 χ^2 /NDF:85.4/1

Left: 13.290+/-0.036 χ^2 /NDF: 207.5/4

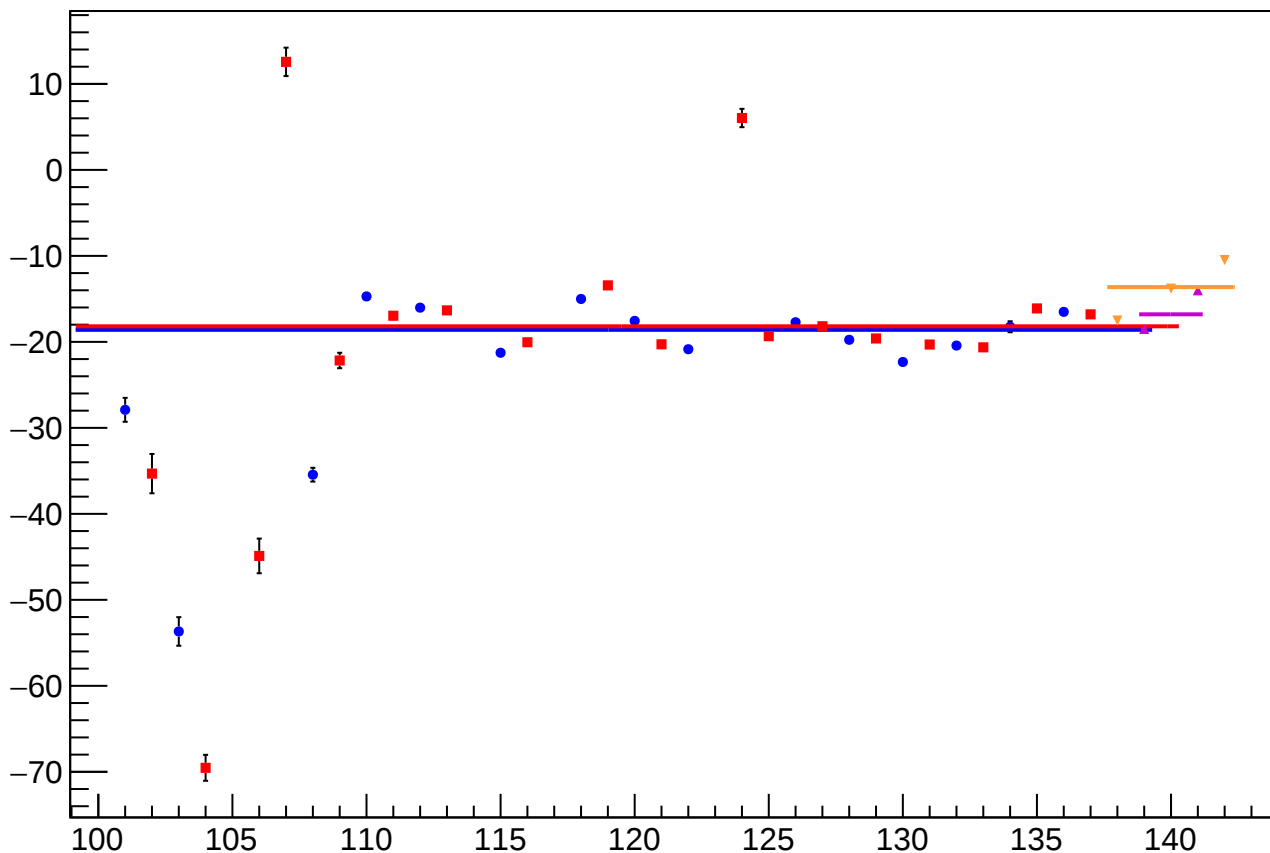
Right: 10.651+/-0.029 χ^2 /NDF: 7358.3/32

In: 11.959+/-0.031 χ^2 /NDF:3432.6/16

Out: 11.442+/-0.033 χ^2 /NDF:7233.1/20

All: 11.715+/-0.023 χ^2 /NDF: 10793.9/37

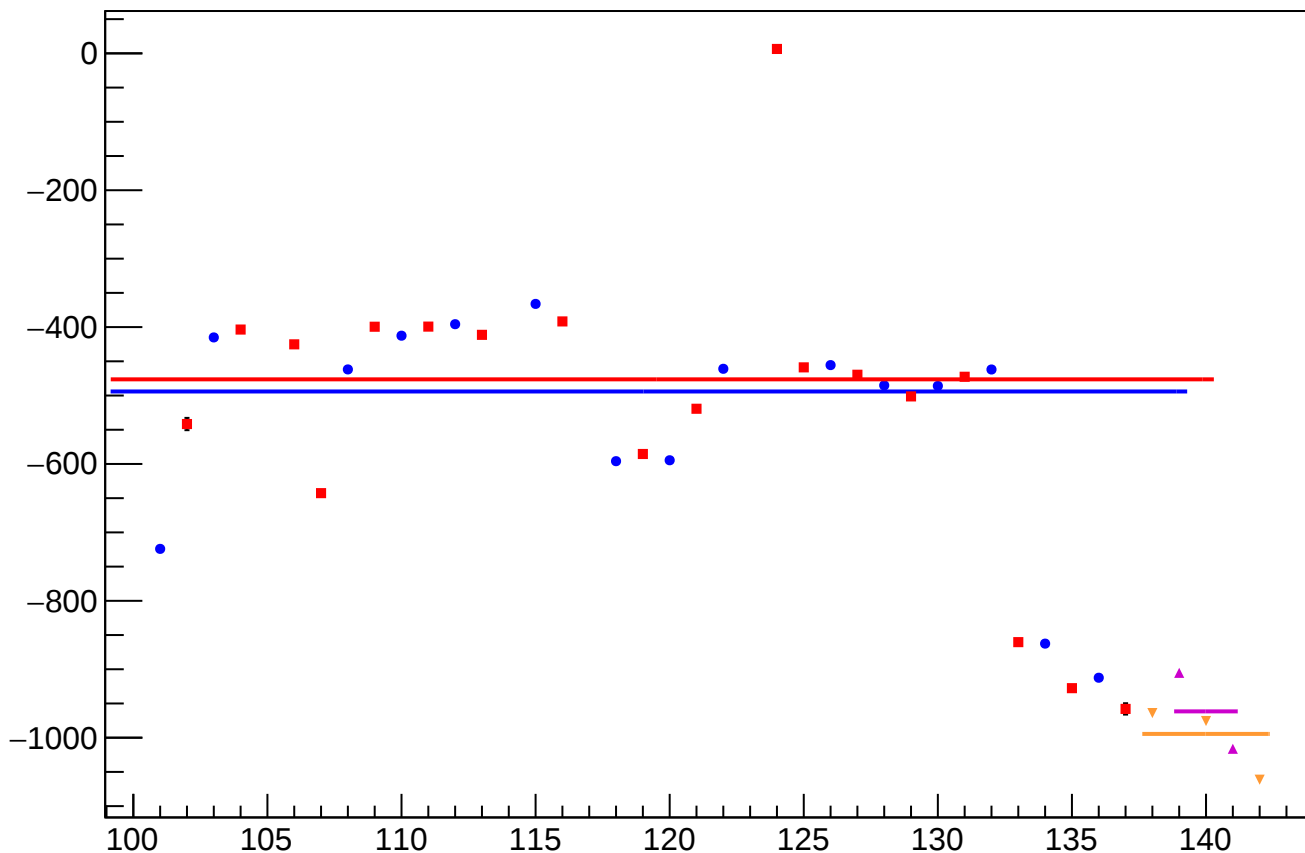
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$
 Left Out: -13.627 ± 0.060 $\chi^2/\text{NDF}: 1975.9/2$
 Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$
 Left In: -16.796 ± 0.083 $\chi^2/\text{NDF}: 694.7/1$

Left: -14.715 ± 0.048 $\chi^2/\text{NDF}: 3637.9/4$
 Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$
 In: -18.293 ± 0.034 $\chi^2/\text{NDF}: 7279.5/16$
 Out: -16.333 ± 0.038 $\chi^2/\text{NDF}: 10320.7/20$
 All: -17.427 ± 0.025 $\chi^2/\text{NDF}: 19079.1/37$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -994.479 $\pm$ 0.767 χ^2 /NDF: 2189.3/2

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -961.556 $\pm$ 0.732 χ^2 /NDF: 5740.1/1

Left: -977.255 $\pm$ 0.530 χ^2 /NDF: 8893.2/4

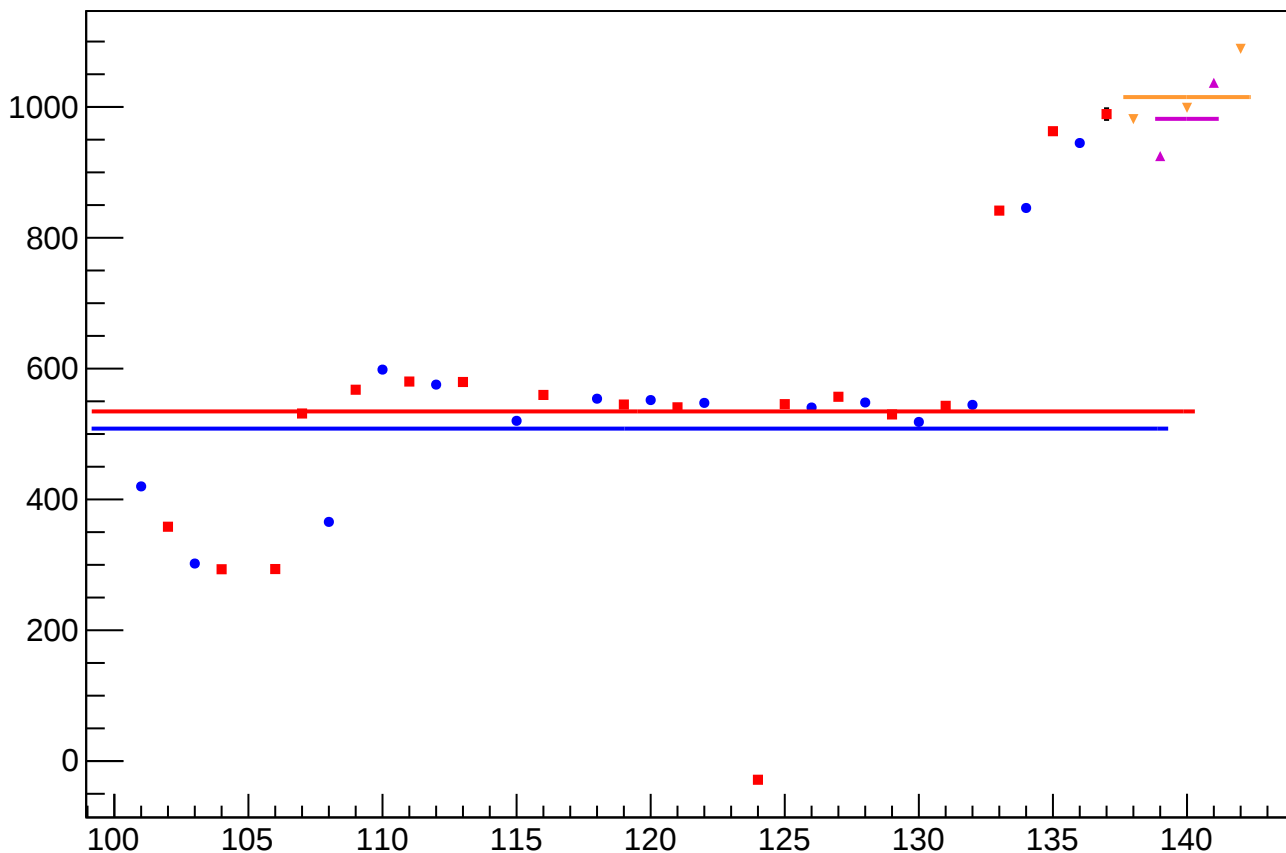
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -536.752 $\pm$ 0.221 χ^2 /NDF: 702031.2/16

Out: -504.867 $\pm$ 0.180 χ^2 /NDF: 1027459.6/20

All: -517.563 $\pm$ 0.140 χ^2 /NDF: 1741989.5/37

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 1015.092+/-0.764 χ^2/NDF :2126.9/2

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 981.820+/-0.677 χ^2/NDF :6844.9/1

Left: 996.445+/-0.507 χ^2/NDF : 10033.4/4

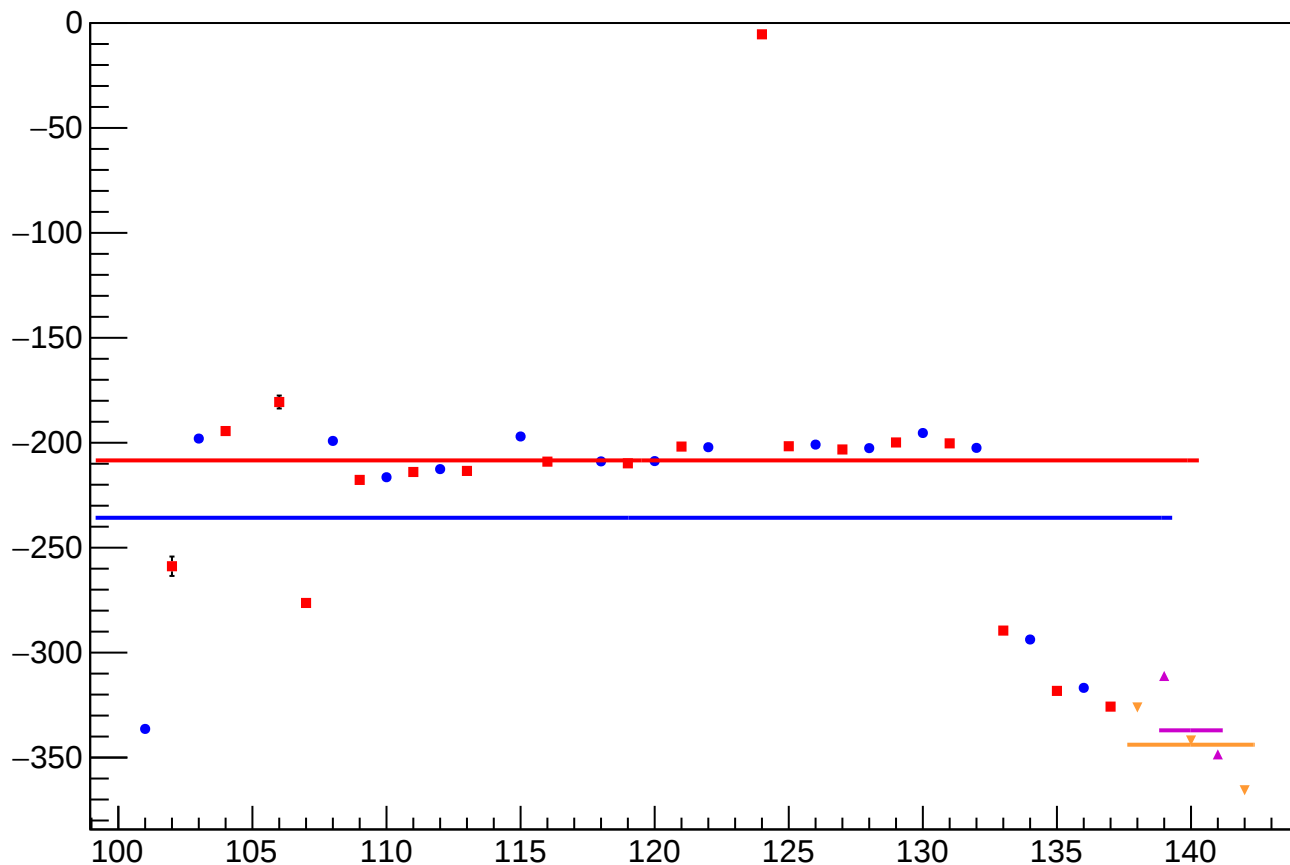
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 554.117+/-0.211 χ^2/NDF :888205.1/16

Out: 570.421+/-0.209 χ^2/NDF :736015.8/20

All: 562.337+/-0.148 χ^2/NDF : 1627240.8/37

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -343.881 ± 0.187 $\chi^2/\text{NDF}: 1459.8/2$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -337.032 ± 0.110 $\chi^2/\text{NDF}: 24646.5/1$

Left: -338.784 ± 0.095 $\chi^2/\text{NDF}: 27103.0/4$

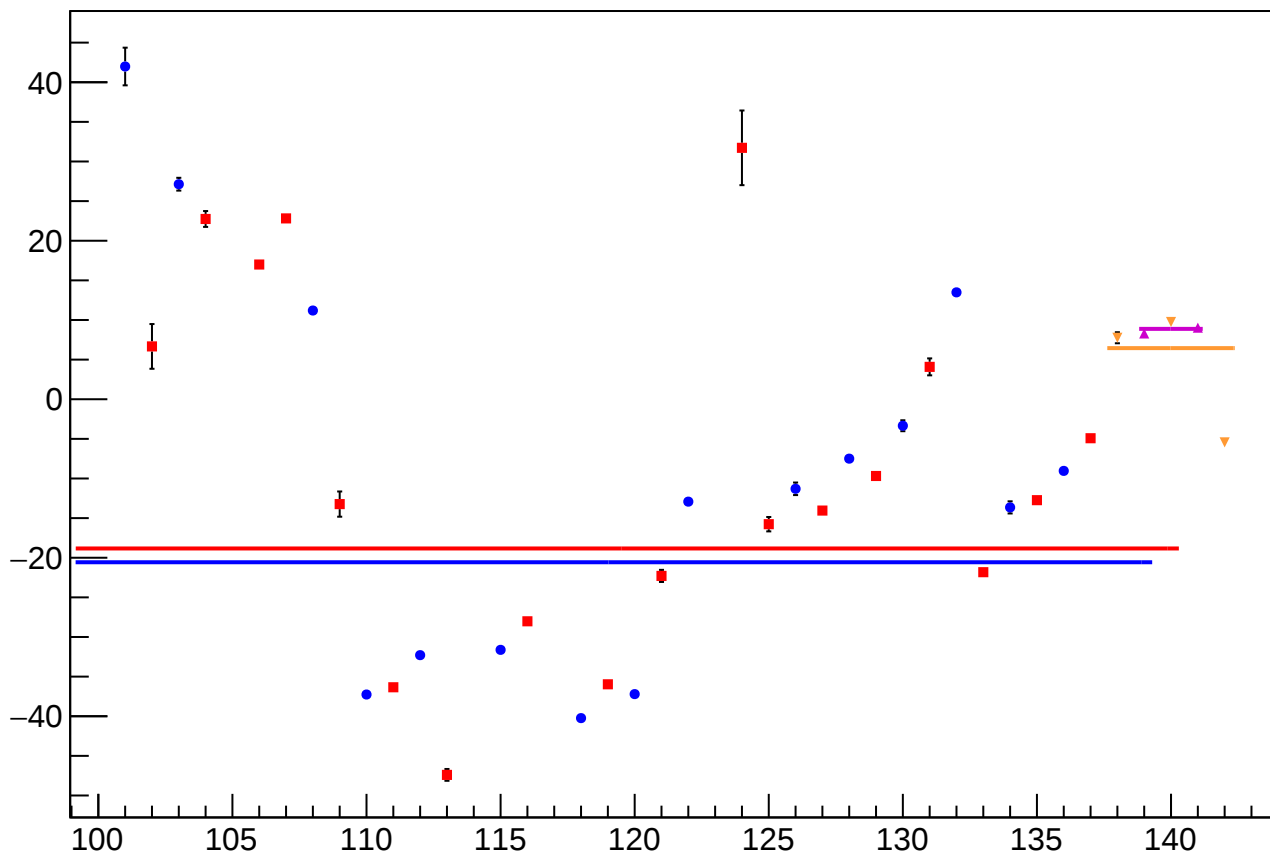
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -256.222 ± 0.049 $\chi^2/\text{NDF}: 1580813.1/16$

Out: -216.368 ± 0.045 $\chi^2/\text{NDF}: 869684.9/20$

All: -234.624 ± 0.033 $\chi^2/\text{NDF}: 2804242.0/37$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 6.450 ± 0.152 χ^2/NDF : 1634.1/2

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 8.879 ± 0.095 χ^2/NDF : 9.8/1

Left: 8.204 ± 0.080 χ^2/NDF : 1827.1/4

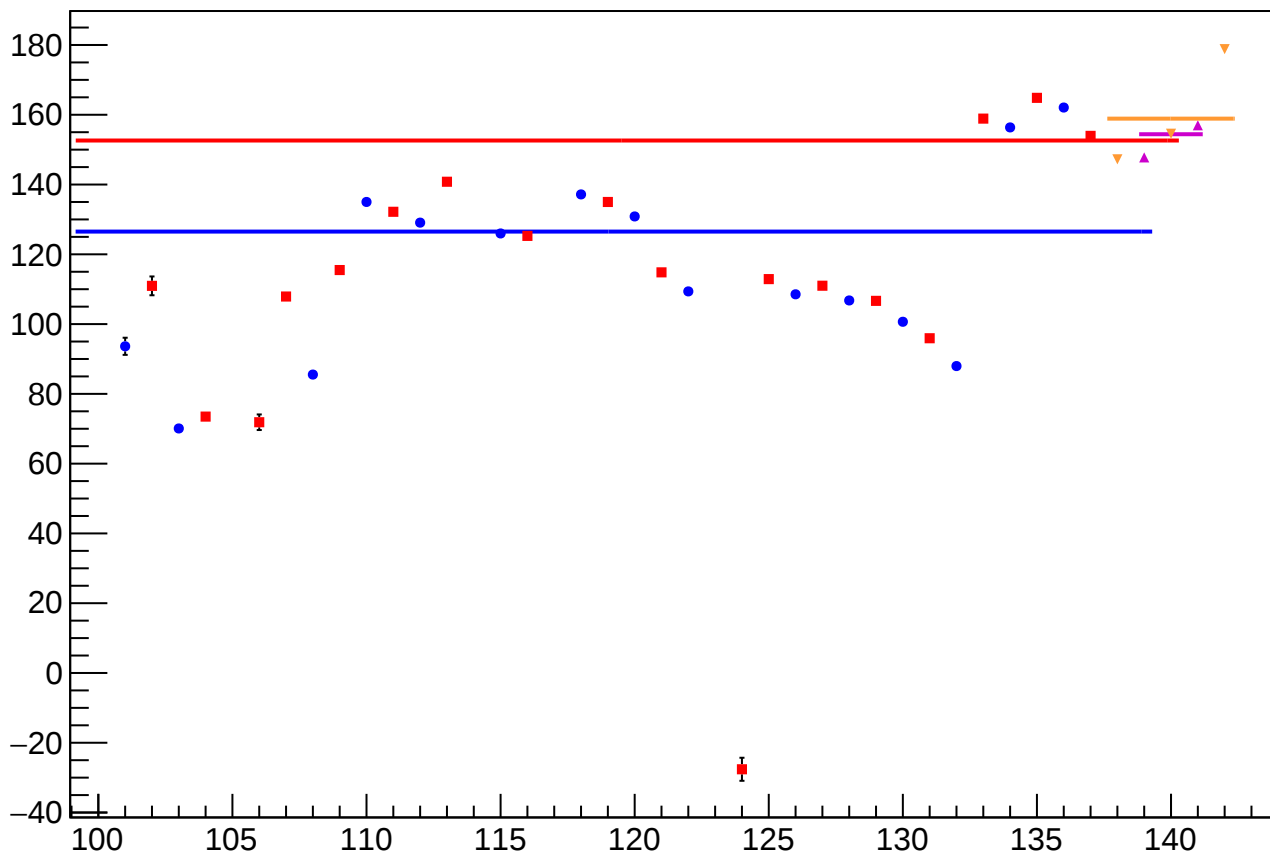
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -9.901 ± 0.057 χ^2/NDF : 125148.6/16

Out: -10.384 ± 0.088 χ^2/NDF : 40794.4/20

All: -10.043 ± 0.048 χ^2/NDF : 165964.2/37

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 158.890 $\pm$ 0.195 χ^2 /NDF:2953.6/2

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 154.420 $\pm$ 0.124 χ^2 /NDF:1110.3/1

Left: 155.701 $\pm$ 0.105 χ^2 /NDF: 4437.6/4

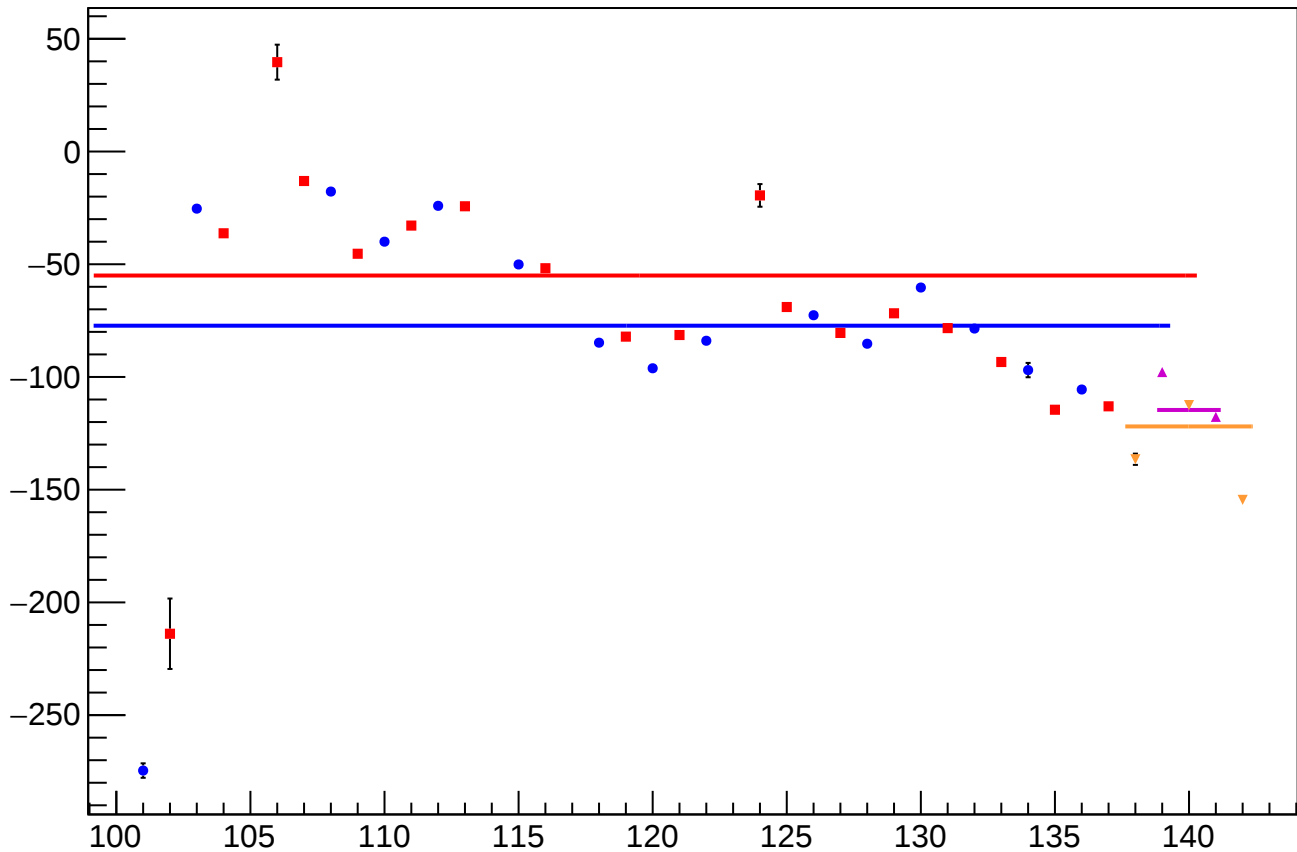
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.313 $\pm$ 0.070 χ^2 /NDF:150861.4/16

Out: 152.767 $\pm$ 0.030 χ^2 /NDF:77983.3/20

All: 150.028 $\pm$ 0.028 χ^2 /NDF: 282006.2/37

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -121.947 ± 0.355 χ^2/NDF : 2382.4/2

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -114.642 ± 0.291 χ^2/NDF : 607.3/1

Left: -117.578 ± 0.225 χ^2/NDF : 3243.4/4

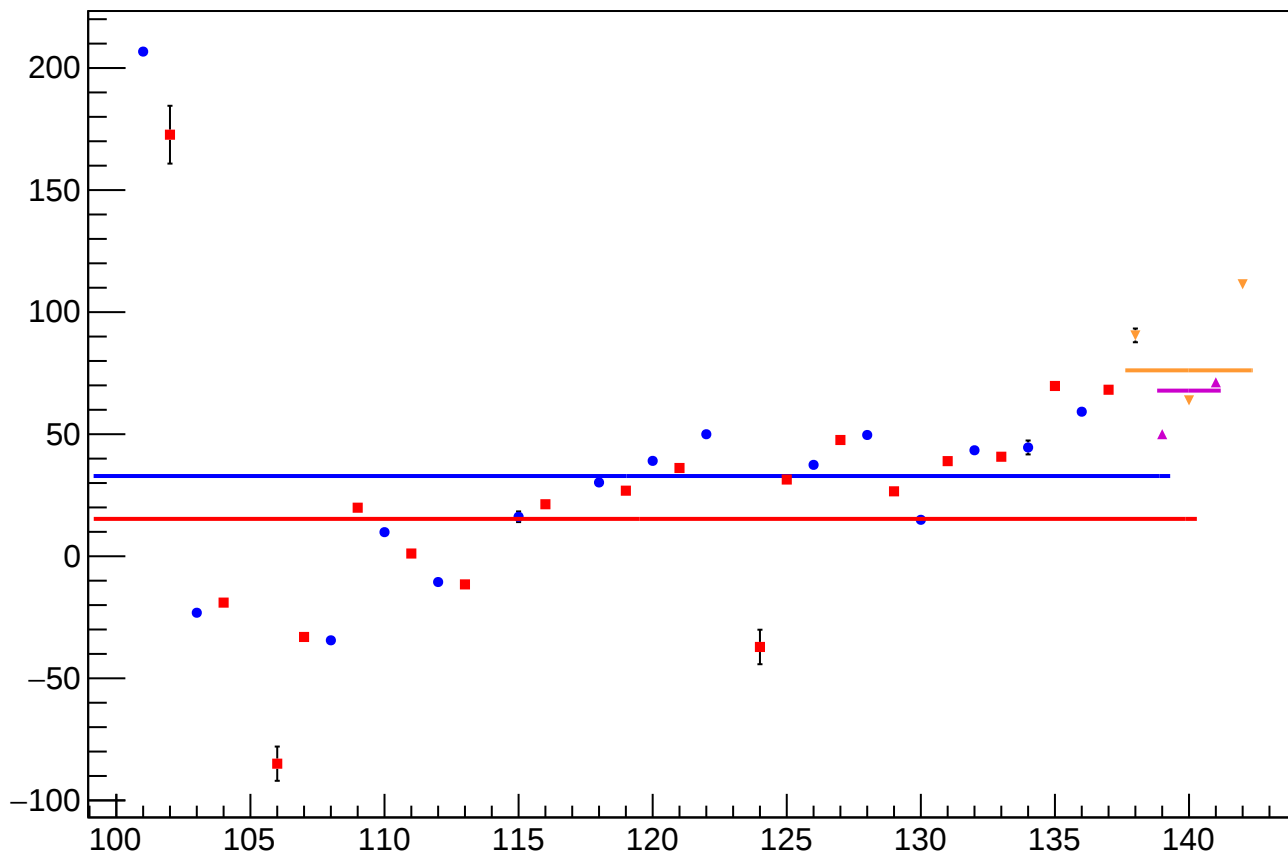
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -84.822 ± 0.131 χ^2/NDF : 44142.4/16

Out: -69.961 ± 0.168 χ^2/NDF : 53667.7/20

All: -79.199 ± 0.103 χ^2/NDF : 102694.1/37

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF : 31393.7/14

Left Out: 76.153+/-0.350 χ^2/NDF : 3462.9/2

Right Out: 15.309+/-0.210 χ^2/NDF : 16746.0/17

Left In: 67.851+/-0.270 χ^2/NDF : 834.4/1

Left: 70.942+/-0.214 χ^2/NDF : 4650.1/4

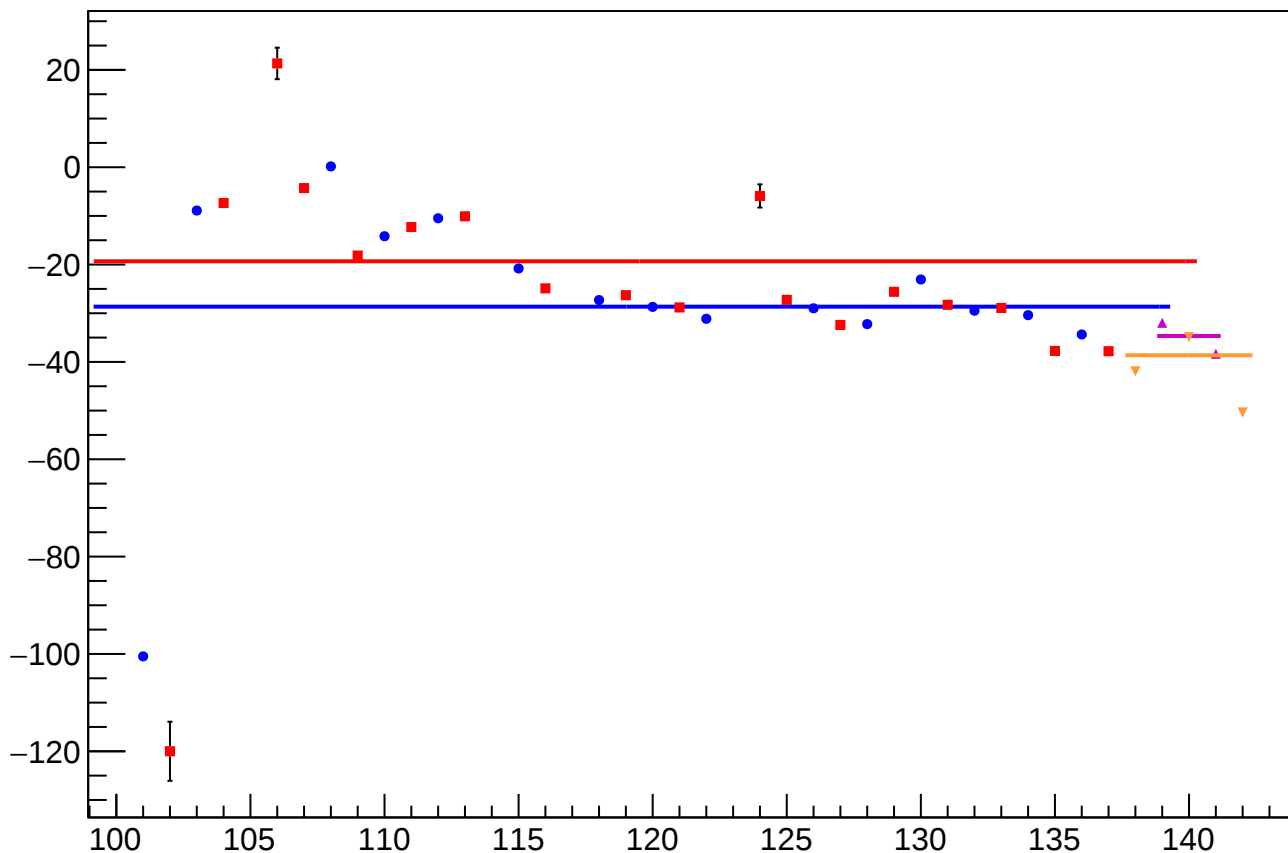
Right: 27.134+/-0.120 χ^2/NDF : 52862.9/32

In: 40.799+/-0.128 χ^2/NDF : 45240.2/16

Out: 31.361+/-0.180 χ^2/NDF : 42426.6/20

All: 37.614+/-0.105 χ^2/NDF : 89490.0/37

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -38.631 ± 0.099 $\chi^2/\text{NDF}: 4398.0/2$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -34.673 ± 0.045 $\chi^2/\text{NDF}: 4841.0/1$

Left: -35.360 ± 0.041 $\chi^2/\text{NDF}: 10563.6/4$

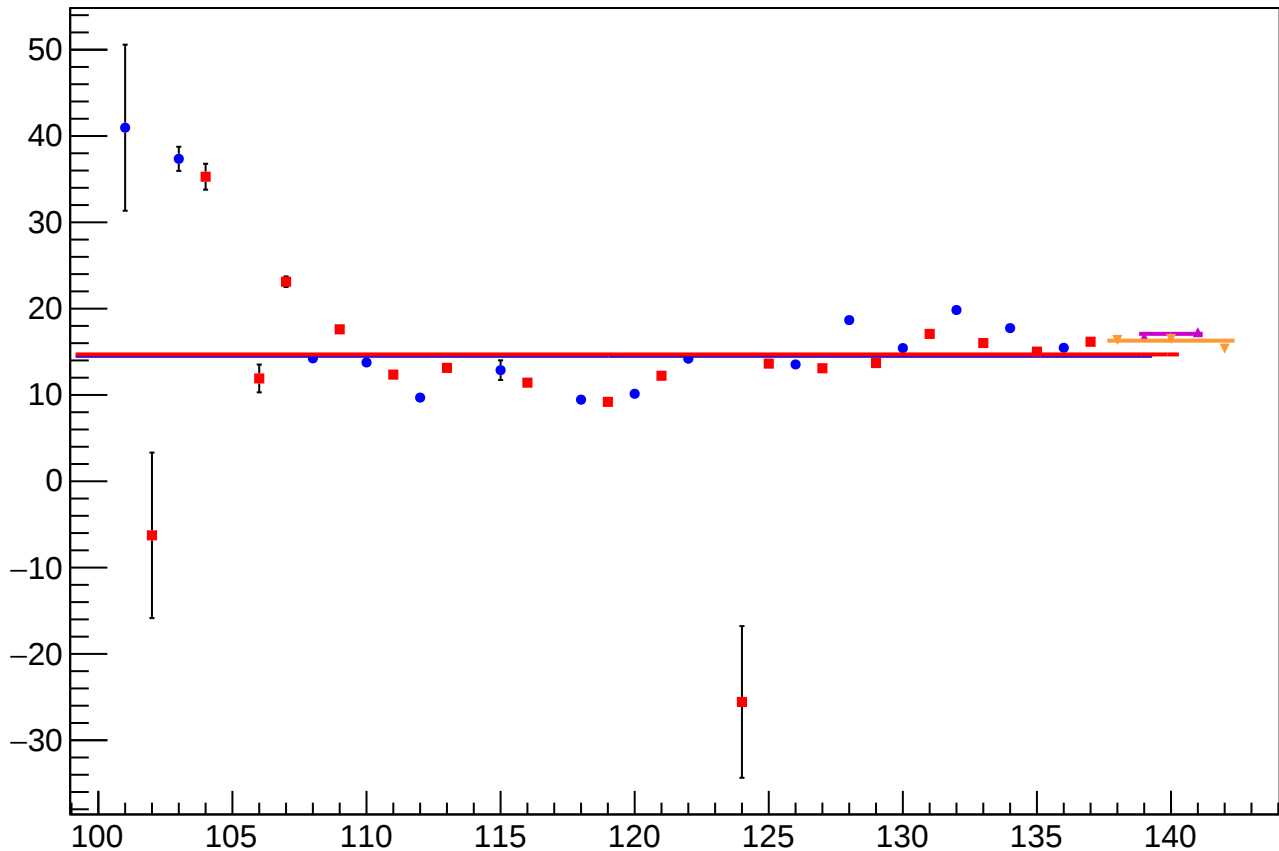
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -30.842 ± 0.027 $\chi^2/\text{NDF}: 129542.9/16$

Out: -21.966 ± 0.037 $\chi^2/\text{NDF}: 93903.4/20$

All: -27.661 ± 0.022 $\chi^2/\text{NDF}: 261262.9/37$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 16.291+/-0.044 χ^2/NDF : 95.5/2

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 17.082+/-0.050 χ^2/NDF : 28.8/1

Left: 16.637+/-0.033 χ^2/NDF : 267.7/4

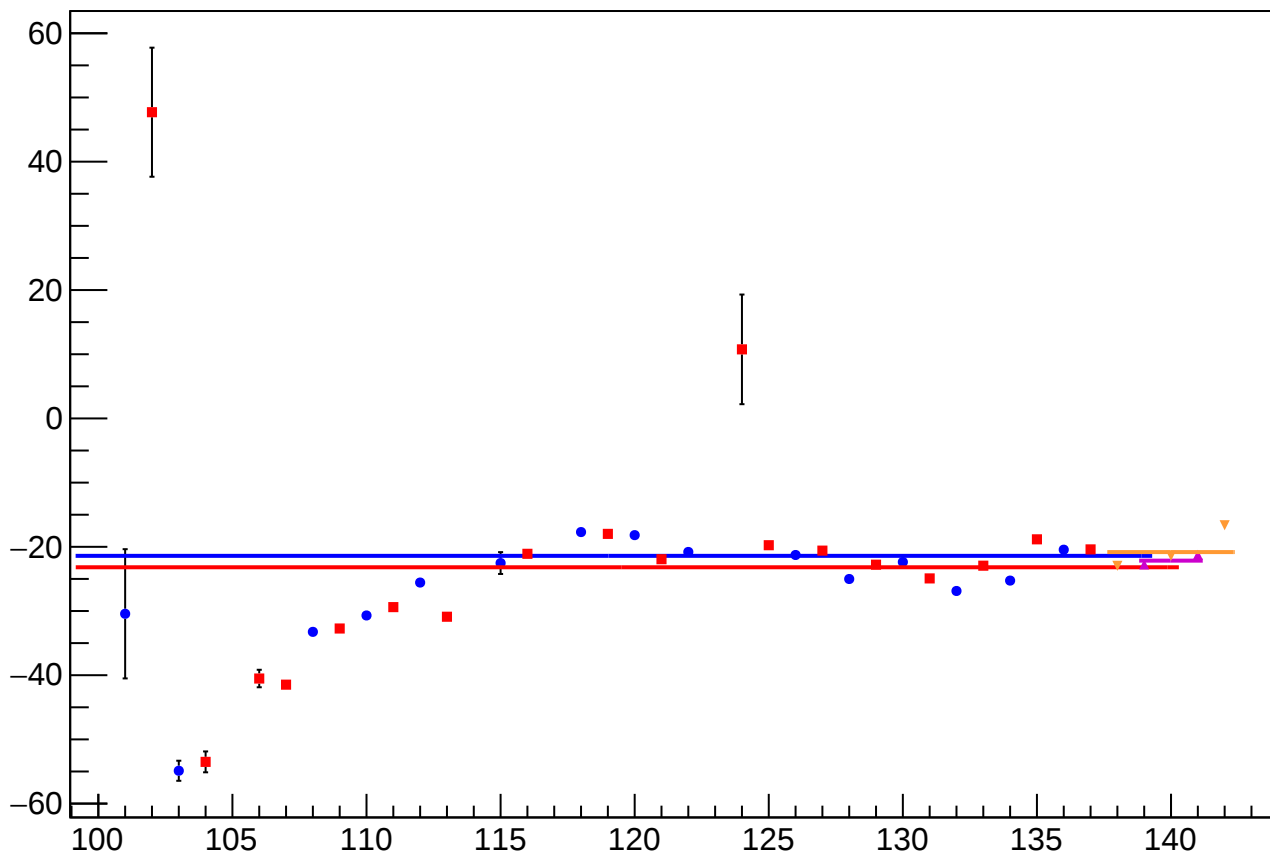
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.214+/-0.026 χ^2/NDF : 14033.4/16

Out: 15.489+/-0.031 χ^2/NDF : 2397.6/20

All: 15.326+/-0.020 χ^2/NDF : 16478.1/37

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -20.820 ± 0.066 $\chi^2/\text{NDF}: 715.6/2$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -22.153 ± 0.076 $\chi^2/\text{NDF}: 93.3/1$

Left: -21.399 ± 0.050 $\chi^2/\text{NDF}: 983.7/4$

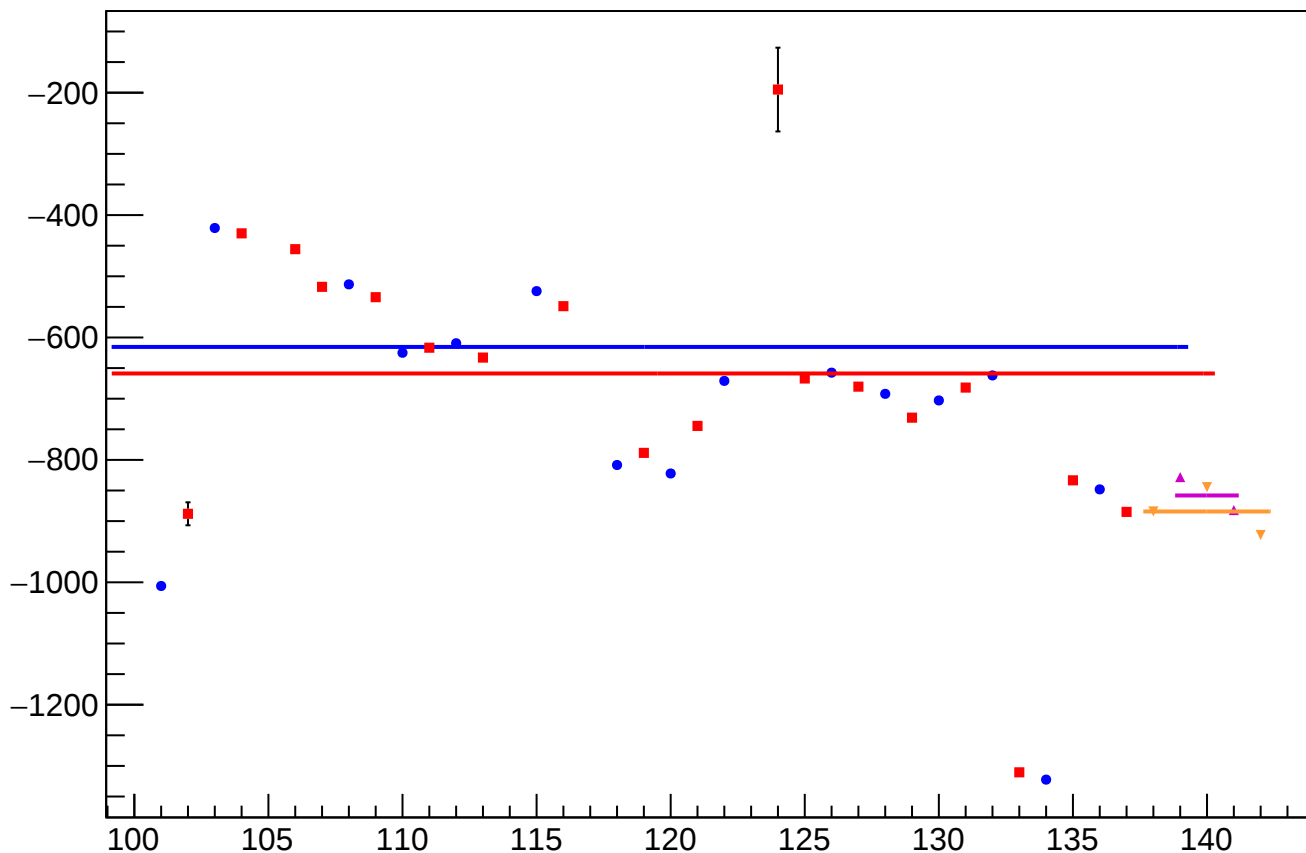
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -21.541 ± 0.032 $\chi^2/\text{NDF}: 9859.4/16$

Out: -22.306 ± 0.041 $\chi^2/\text{NDF}: 10639.3/20$

All: -21.837 ± 0.025 $\chi^2/\text{NDF}: 20717.5/37$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -884.272 ± 0.786 $\chi^2/\text{NDF}: 2335.8/2$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -858.112 ± 0.631 $\chi^2/\text{NDF}: 1800.4/1$

Left: -868.353 ± 0.492 $\chi^2/\text{NDF}: 4809.8/4$

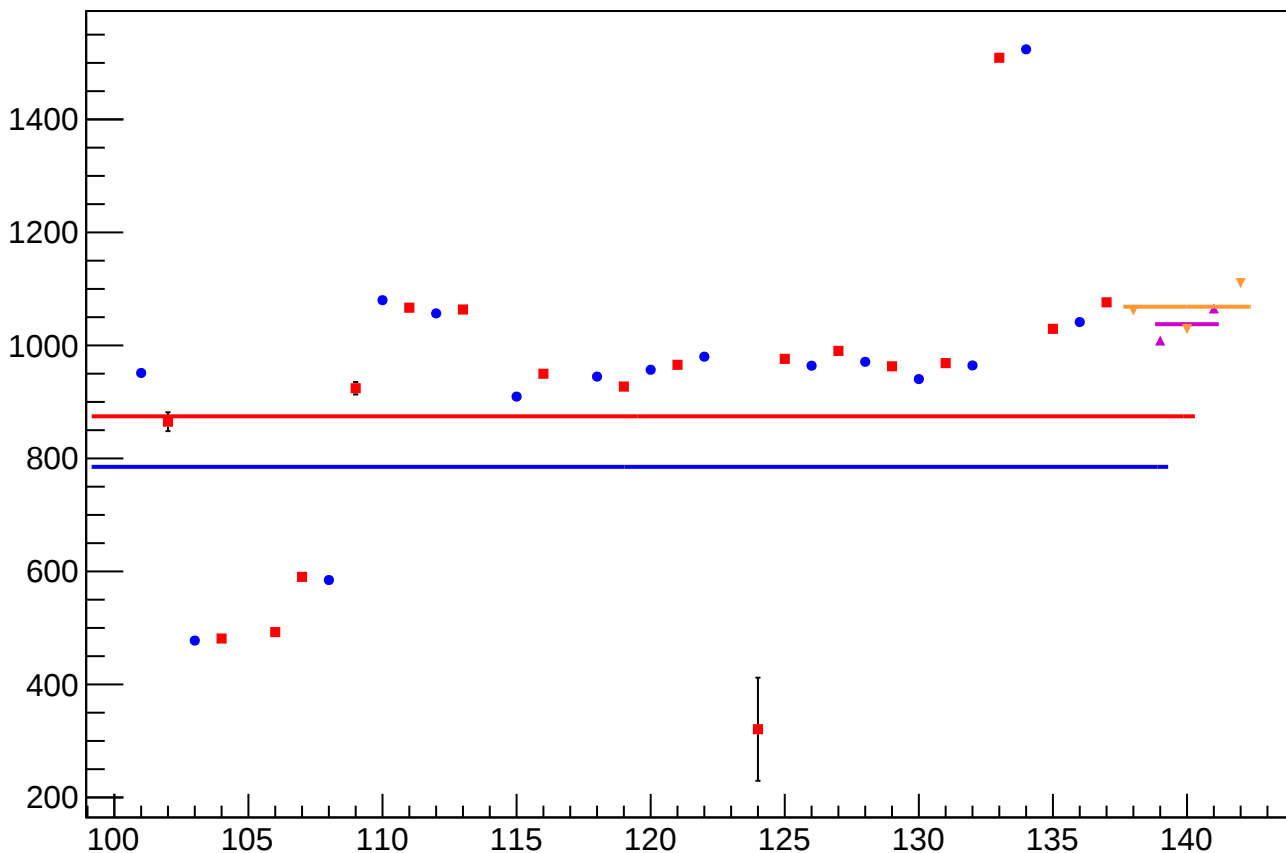
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -645.583 ± 0.222 $\chi^2/\text{NDF}: 514291.8/16$

Out: -680.443 ± 0.244 $\chi^2/\text{NDF}: 461935.3/20$

All: -661.421 ± 0.164 $\chi^2/\text{NDF}: 987394.6/37$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 1068.519+/-0.778 χ^2/NDF : 2615.9/2

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 1037.575+/-0.581 χ^2/NDF : 2383.7/1

Left: 1048.644+/-0.465 χ^2/NDF : 6015.1/4

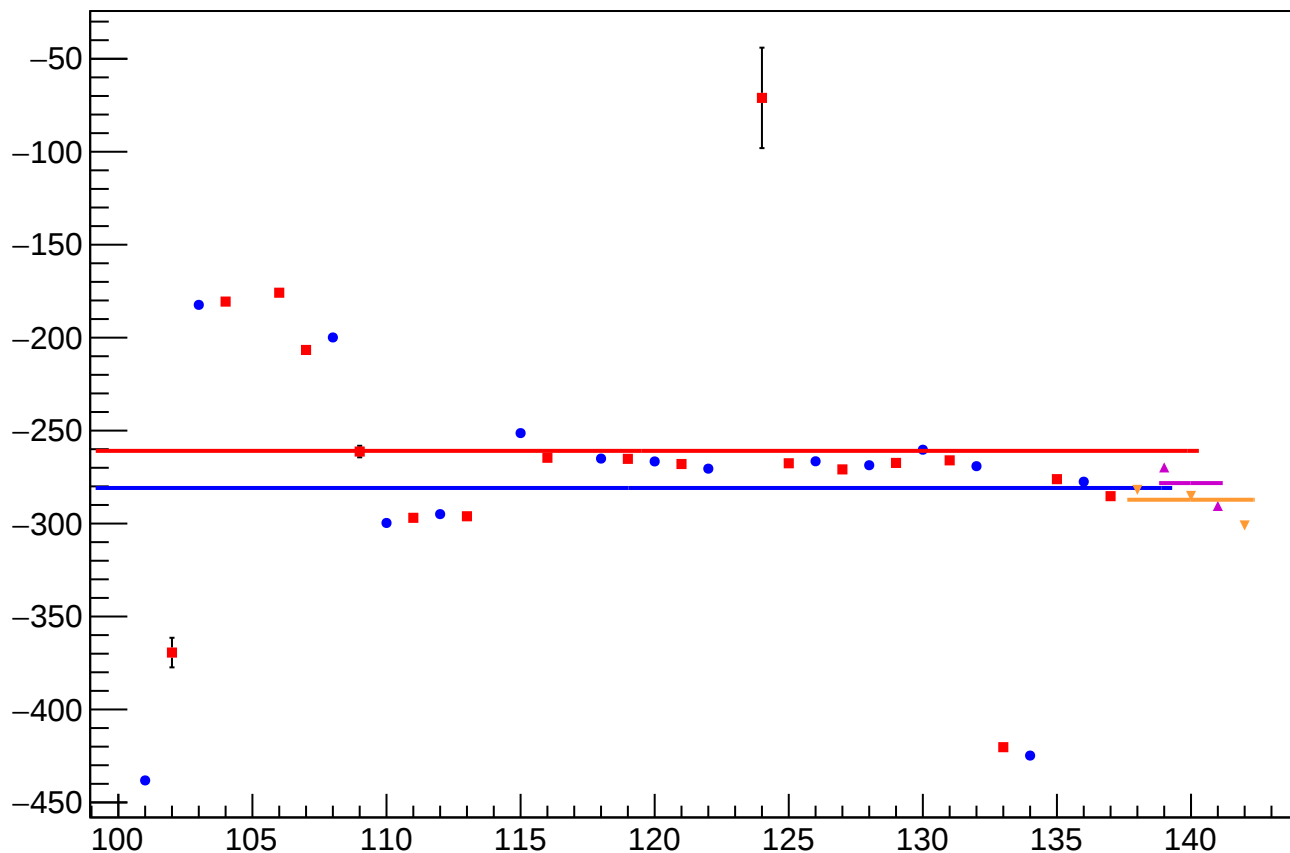
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 818.822+/-0.212 χ^2/NDF : 1052280.8/16

Out: 894.166+/-0.248 χ^2/NDF : 901032.0/20

All: 850.727+/-0.161 χ^2/NDF : 2006666.1/37

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -287.188+/-0.162 χ^2/NDF : 1138.7/2

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -278.226+/-0.068 χ^2/NDF : 22621.6/1

Left: -279.565+/-0.062 χ^2/NDF : 26378.6/4

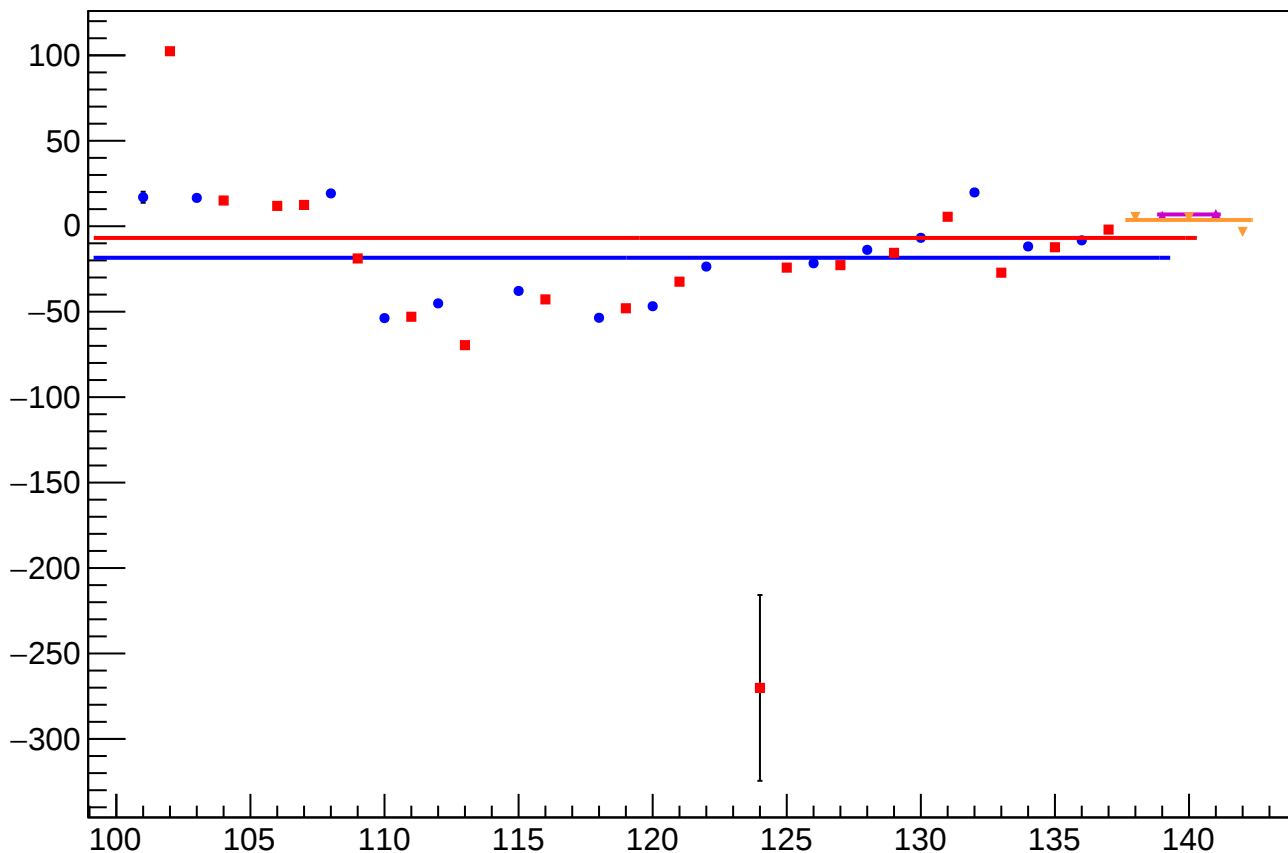
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -279.731+/-0.044 χ^2/NDF : 897096.1/16

Out: -264.811+/-0.062 χ^2/NDF : 371404.4/20

All: -274.726+/-0.036 χ^2/NDF : 1306582.1/37

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 3.670 ± 0.109 $\chi^2/\text{NDF}: 889.5/2$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.896 ± 0.093 $\chi^2/\text{NDF}: 20.7/1$

Left: 5.544 ± 0.071 $\chi^2/\text{NDF}: 1419.5/4$

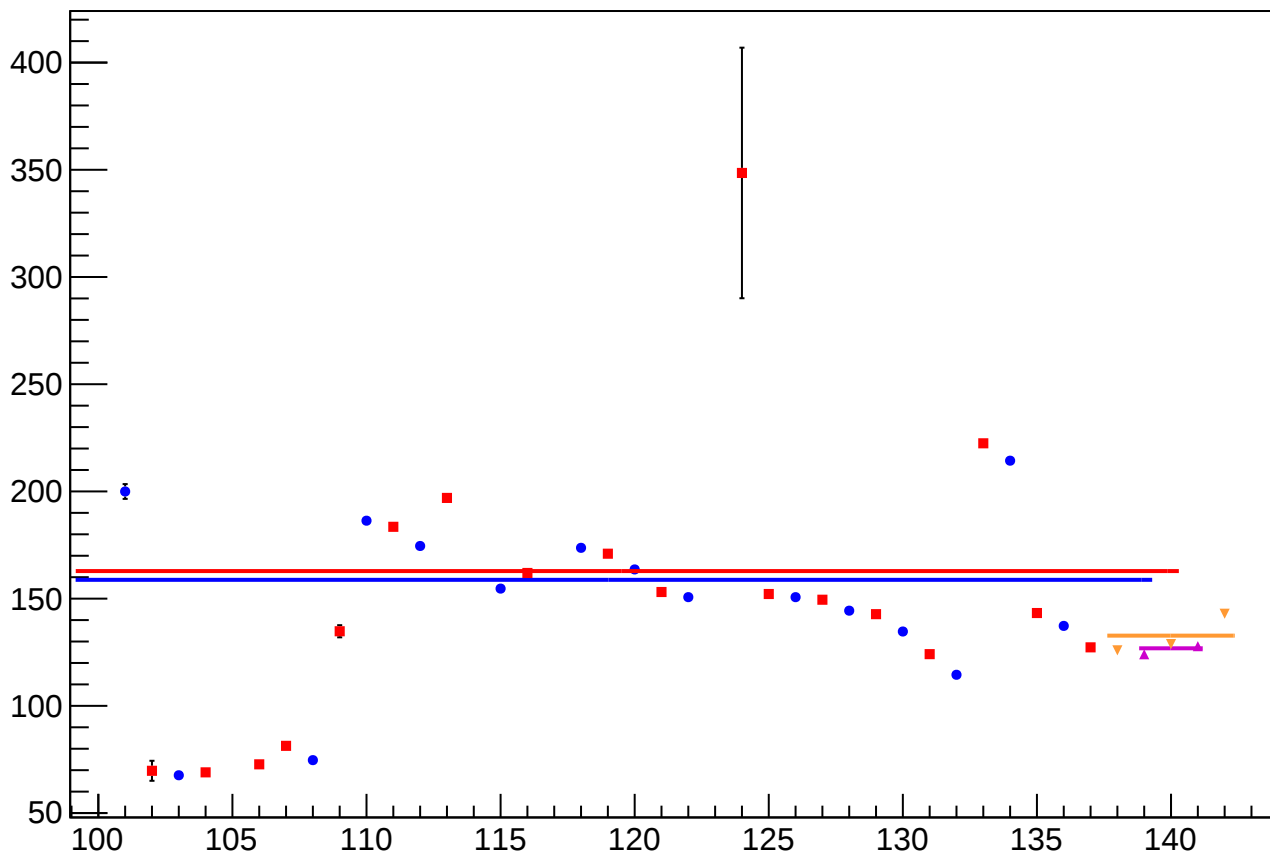
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -5.952 ± 0.065 $\chi^2/\text{NDF}: 84628.3/16$

Out: -4.109 ± 0.056 $\chi^2/\text{NDF}: 57805.0/20$

All: -4.888 ± 0.042 $\chi^2/\text{NDF}: 142898.1/37$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14

Left Out: 132.746 $\pm$ 0.140 χ^2/NDF : 2279.8/2

Right Out: 162.856 $\pm$ 0.093 χ^2/NDF : 156176.8/17

Left In: 126.838 $\pm$ 0.106 χ^2/NDF : 244.3/1

Left: 128.998 $\pm$ 0.085 χ^2/NDF : 3654.2/4

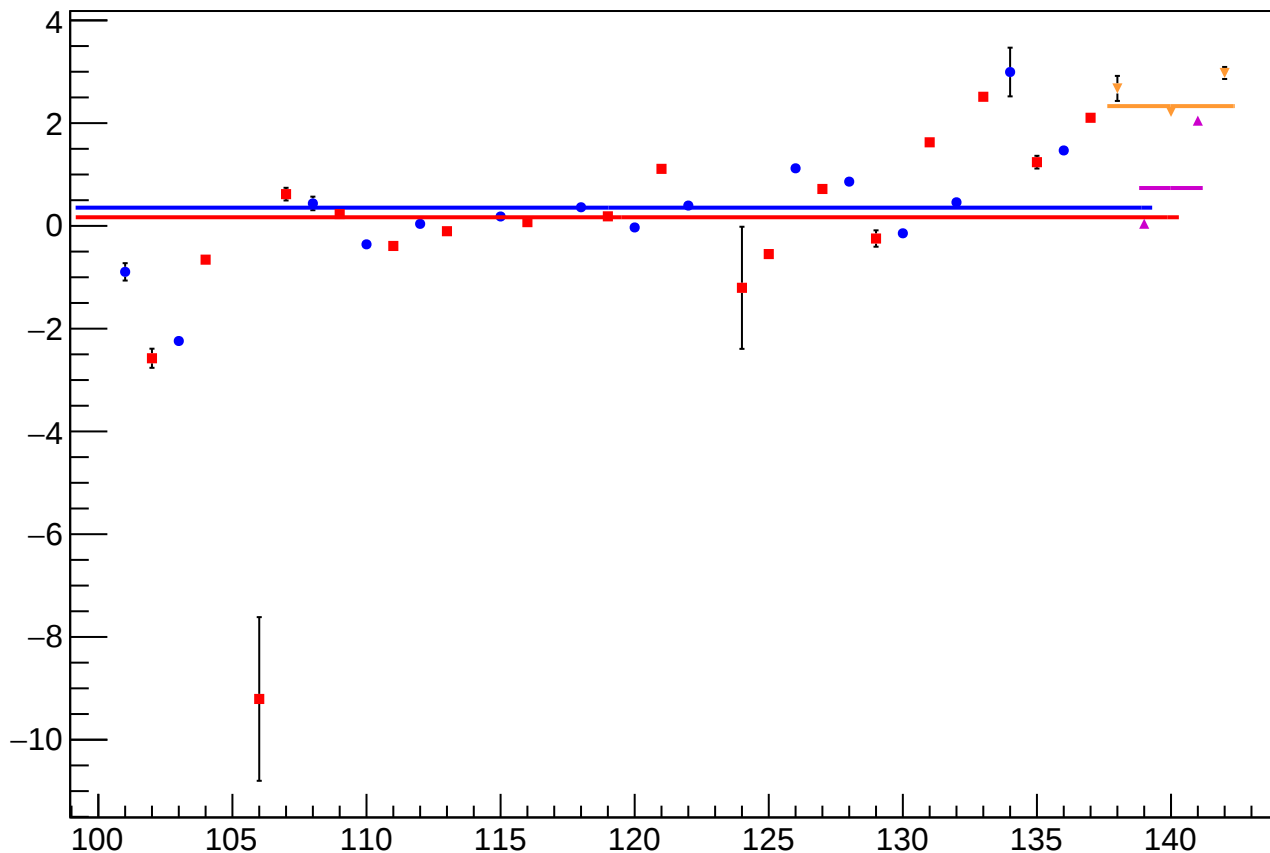
Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32

In: 145.723 $\pm$ 0.068 χ^2/NDF : 212691.7/16

Out: 153.597 $\pm$ 0.078 χ^2/NDF : 190506.0/20

All: 149.138 $\pm$ 0.051 χ^2/NDF : 409026.4/37

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 2.331 ± 0.042 $\chi^2/\text{NDF}: 38.4/2$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 0.737 ± 0.024 $\chi^2/\text{NDF}: 1609.3/1$

Left: 1.123 ± 0.021 $\chi^2/\text{NDF}: 2732.9/4$

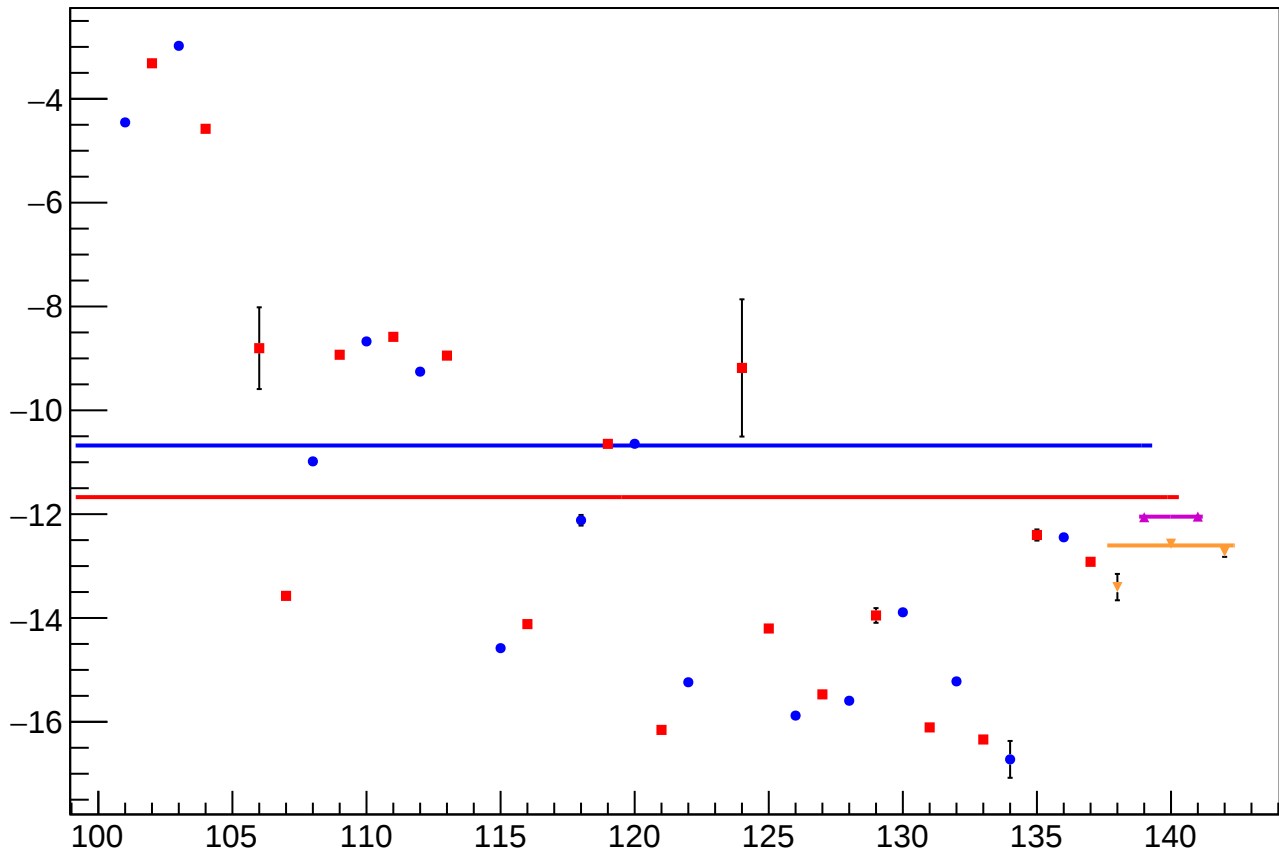
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.430 ± 0.011 $\chi^2/\text{NDF}: 5828.0/16$

Out: 0.237 ± 0.008 $\chi^2/\text{NDF}: 7178.5/20$

All: 0.302 ± 0.006 $\chi^2/\text{NDF}: 13229.1/37$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -12.603 ± 0.034 $\chi^2/\text{NDF}: 12.3/2$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -12.048 ± 0.030 $\chi^2/\text{NDF}: 0.0/1$

Left: -12.292 ± 0.023 $\chi^2/\text{NDF}: 158.7/4$

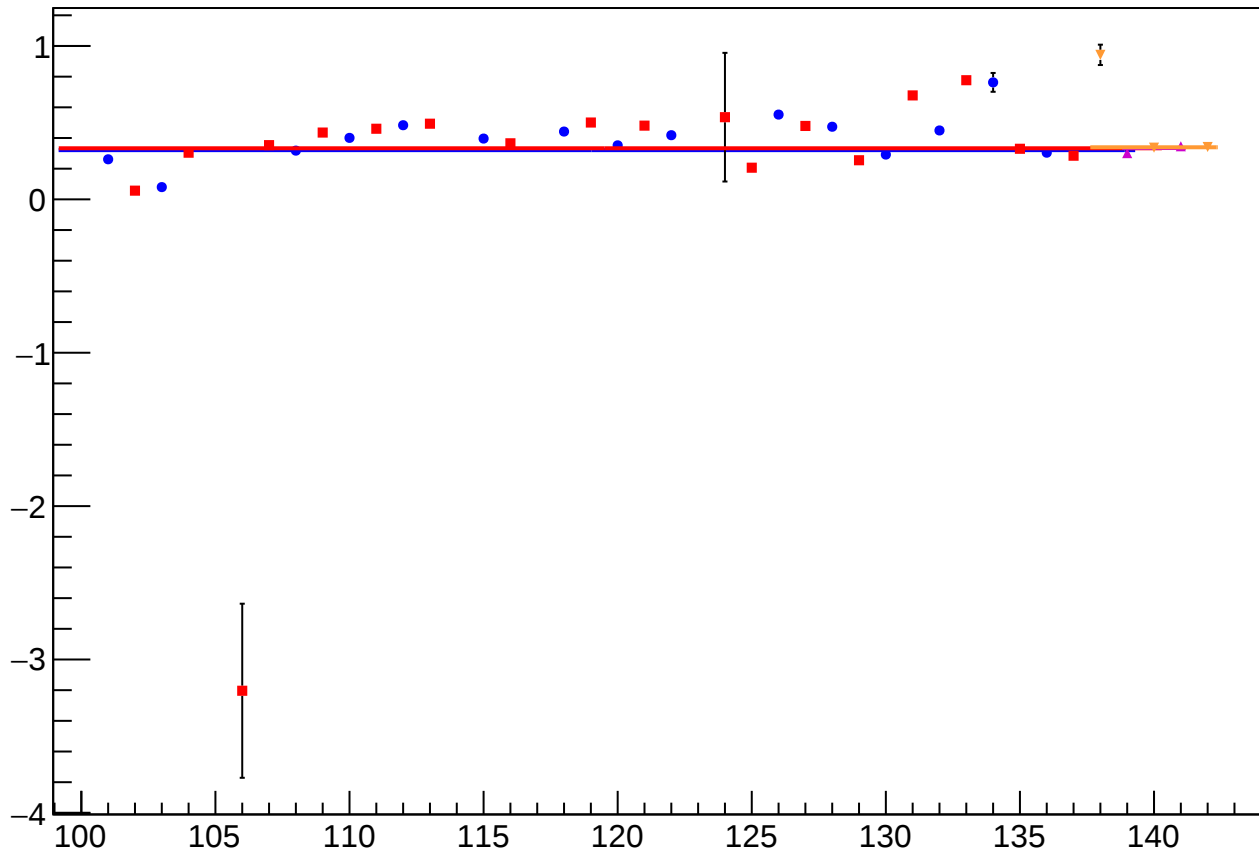
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -10.818 ± 0.010 $\chi^2/\text{NDF}: 228613.8/16$

Out: -11.768 ± 0.011 $\chi^2/\text{NDF}: 108517.4/20$

All: -11.235 ± 0.007 $\chi^2/\text{NDF}: 341302.9/37$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.340 $\pm$ 0.001 χ^2 /NDF: 88.4/2

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.335 $\pm$ 0.001 χ^2 /NDF: 257.2/1

Left: 0.338 $\pm$ 0.001 χ^2 /NDF: 355.6/4

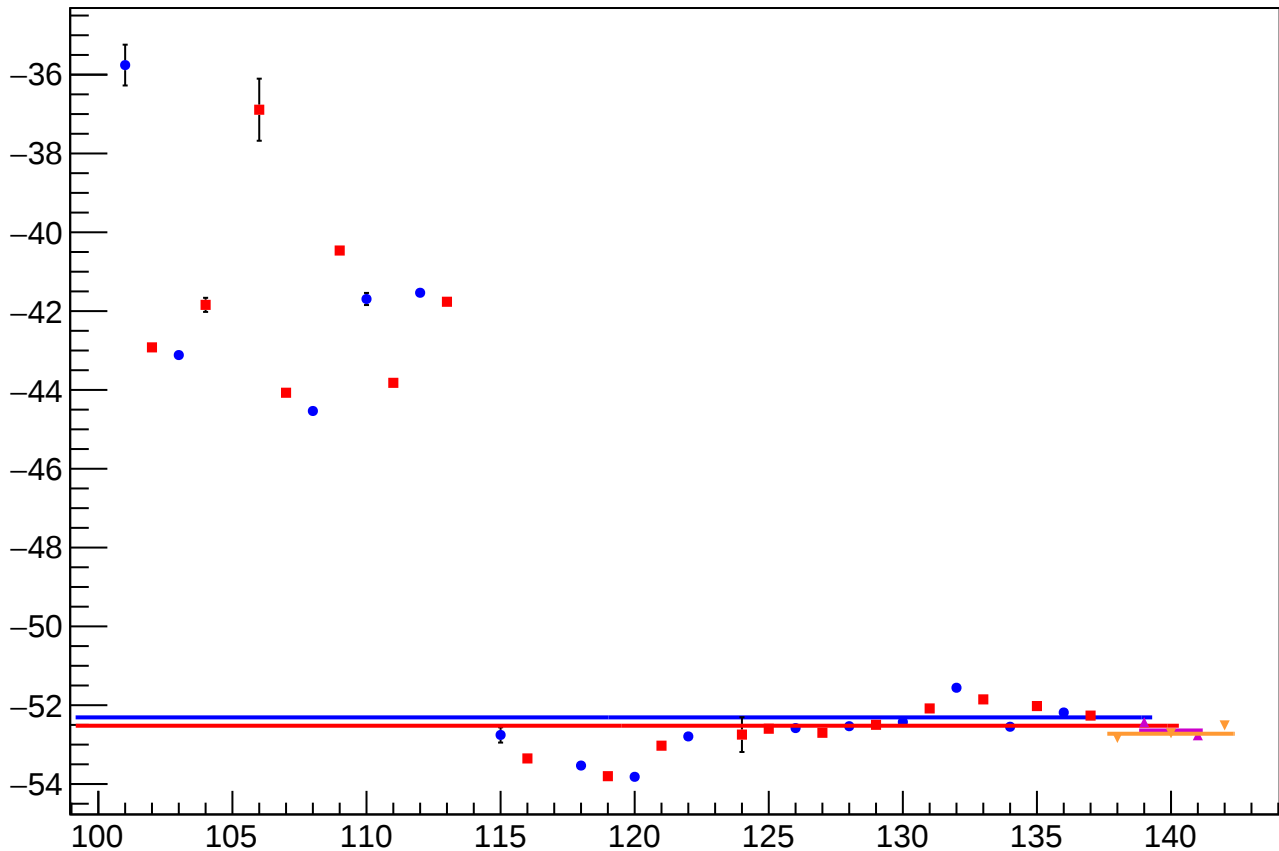
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.326 $\pm$ 0.001 χ^2 /NDF: 4356.2/16

Out: 0.337 $\pm$ 0.001 χ^2 /NDF: 4276.1/20

All: 0.332 $\pm$ 0.001 χ^2 /NDF: 8748.8/37

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -52.724 ± 0.008 $\chi^2/\text{NDF}: 320.1/2$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -52.641 ± 0.007 $\chi^2/\text{NDF}: 544.4/1$

Left: -52.677 ± 0.005 $\chi^2/\text{NDF}: 927.5/4$

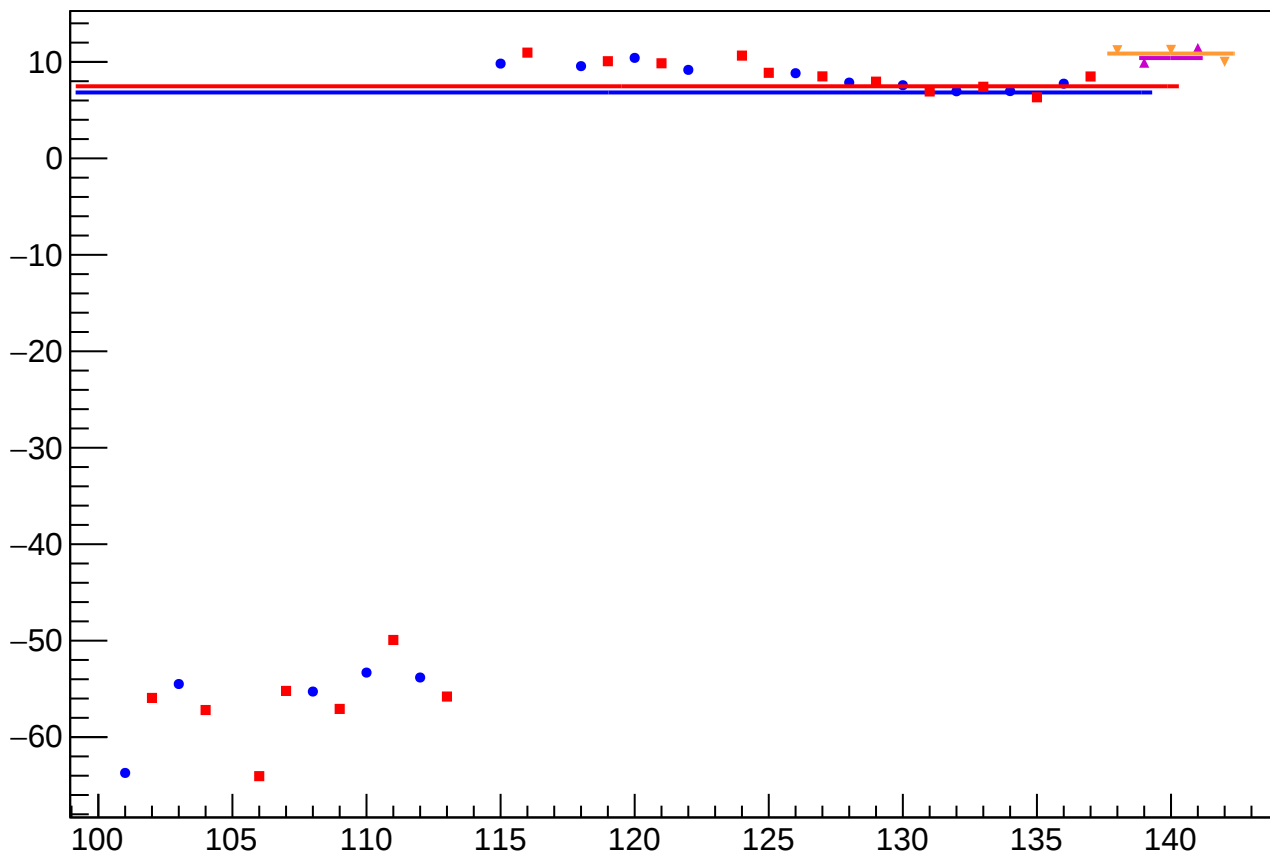
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -52.406 ± 0.004 $\chi^2/\text{NDF}: 55664.1/16$

Out: -52.573 ± 0.004 $\chi^2/\text{NDF}: 77438.8/20$

All: -52.484 ± 0.003 $\chi^2/\text{NDF}: 134046.9/37$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 10.866 $\pm$ 0.016 χ^2 /NDF:1241.3/2

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 10.400 $\pm$ 0.019 χ^2 /NDF:1447.6/1

Left: 10.672 $\pm$ 0.012 χ^2 /NDF: 3056.6/4

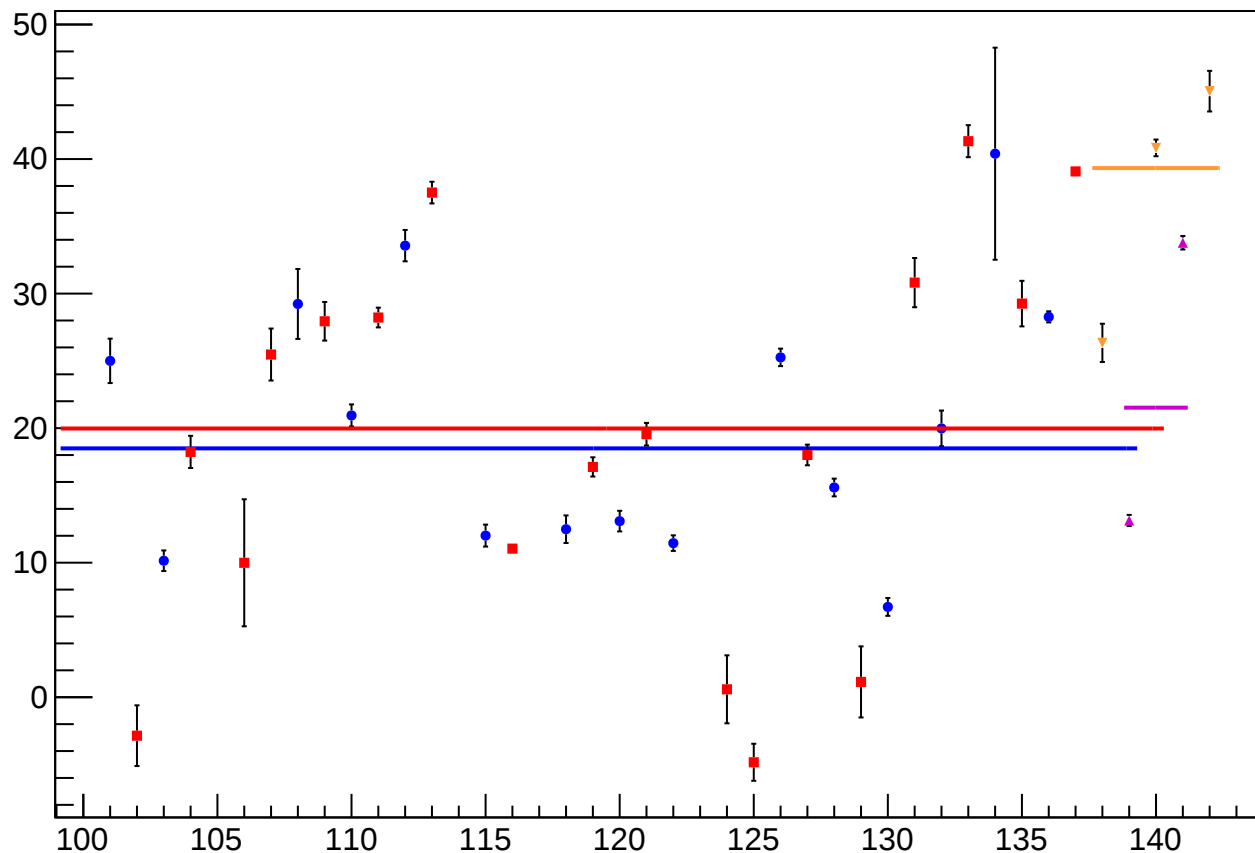
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.080 $\pm$ 0.005 χ^2 /NDF:1026313.8/16

Out: 8.355 $\pm$ 0.008 χ^2 /NDF:1231347.3/20

All: 7.427 $\pm$ 0.004 χ^2 /NDF: 2276173.2/37

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 39.329 $\pm$ 0.531 χ^2 /NDF:103.7/2

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 21.522 $\pm$ 0.319 χ^2 /NDF:1008.6/1

Left: 26.246 $\pm$ 0.274 χ^2 /NDF: 1937.9/4

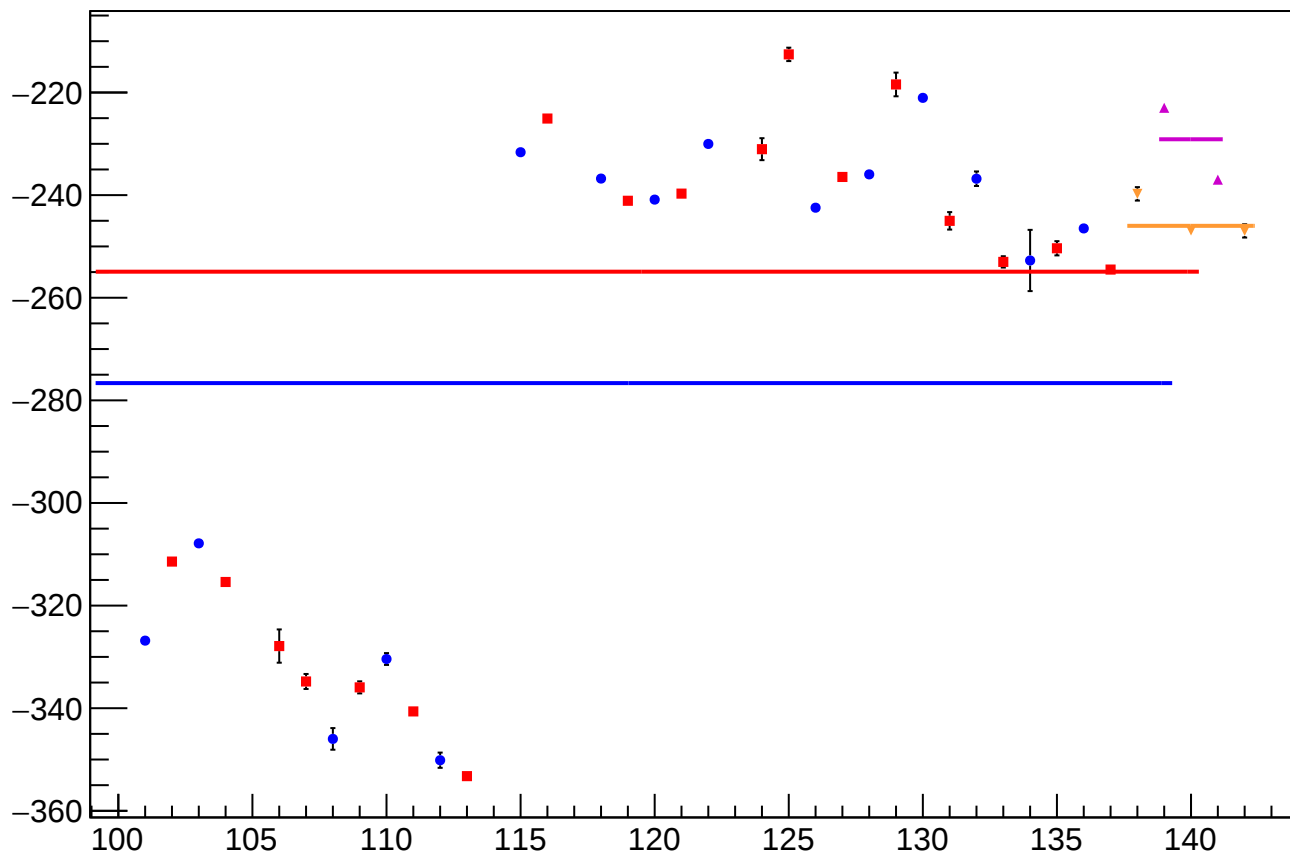
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 19.349 $\pm$ 0.170 χ^2 /NDF:2709.8/16

Out: 21.070 $\pm$ 0.126 χ^2 /NDF:10557.4/20

All: 20.455 $\pm$ 0.101 χ^2 /NDF: 13333.4/37

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -245.985 ± 0.471 $\chi^2/\text{NDF}: 25.9/2$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -229.115 ± 0.271 $\chi^2/\text{NDF}: 656.2/1$

Left: -233.319 ± 0.235 $\chi^2/\text{NDF}: 1645.3/4$

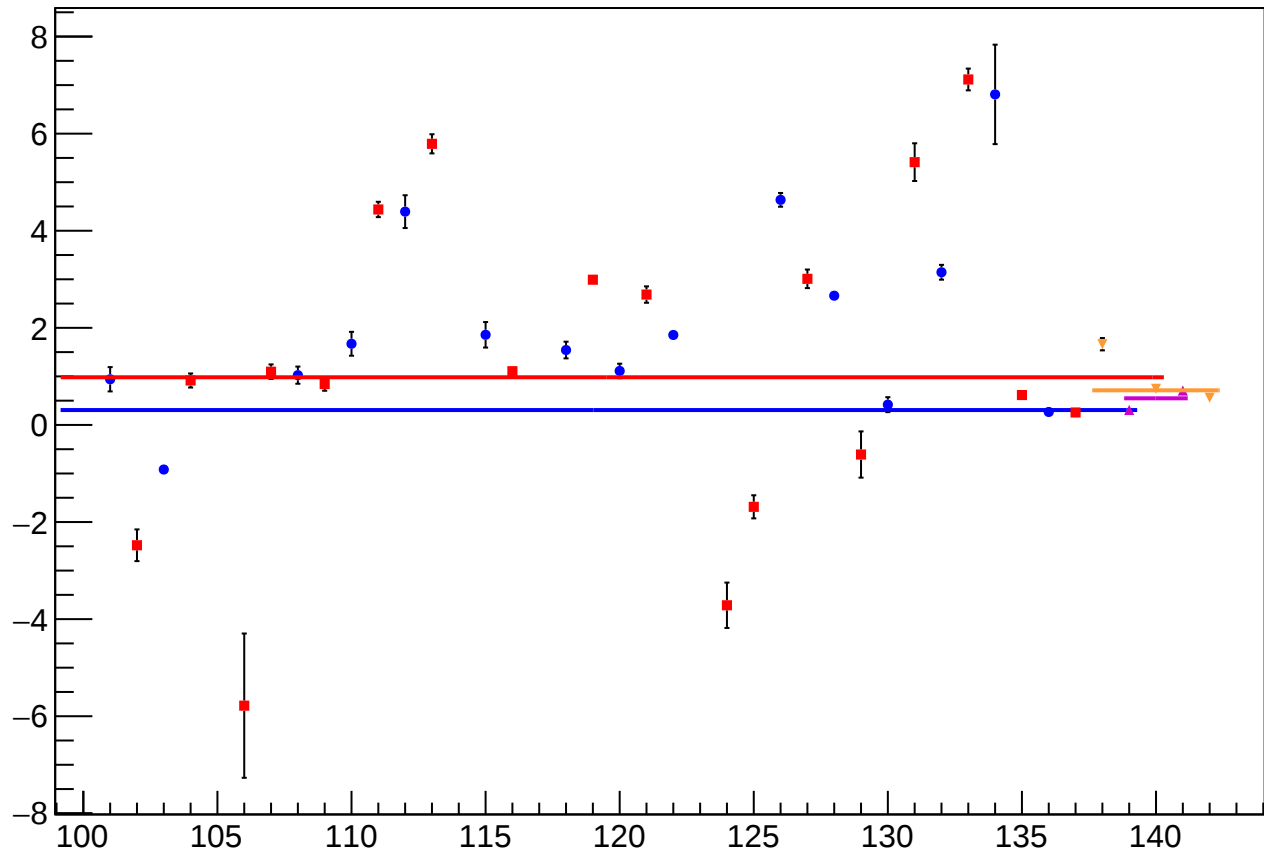
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -265.792 ± 0.130 $\chi^2/\text{NDF}: 101448.2/16$

Out: -254.721 ± 0.070 $\chi^2/\text{NDF}: 72323.6/20$

All: -257.244 ± 0.062 $\chi^2/\text{NDF}: 179403.6/37$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.713 ± 0.008 $\chi^2/\text{NDF}: 138.8/2$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.548 ± 0.005 $\chi^2/\text{NDF}: 1585.9/1$

Left: 0.594 ± 0.004 $\chi^2/\text{NDF}: 2039.7/4$

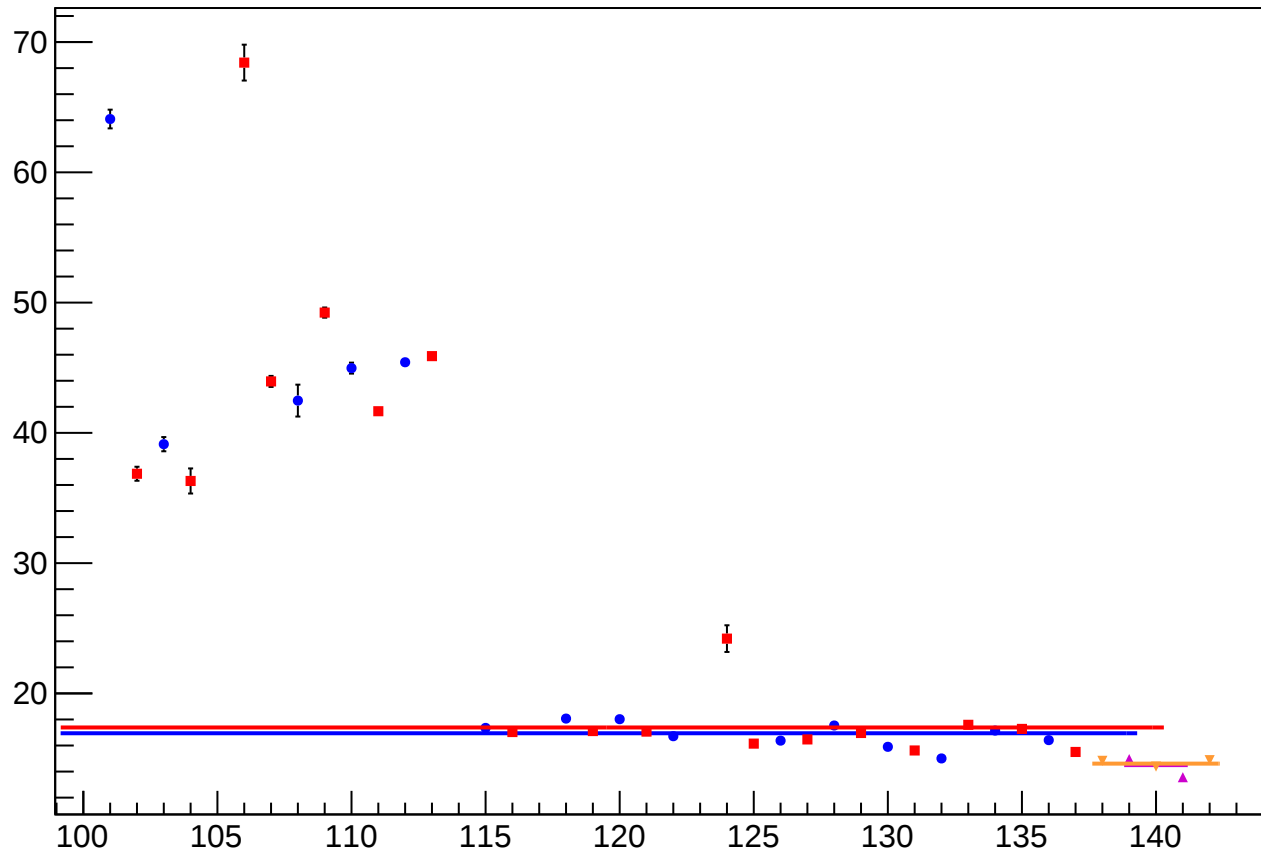
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.463 ± 0.004 $\chi^2/\text{NDF}: 5231.6/16$

Out: 0.773 ± 0.007 $\chi^2/\text{NDF}: 3773.4/20$

All: 0.539 ± 0.003 $\chi^2/\text{NDF}: 10514.9/37$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.610 ± 0.026 $\chi^2/\text{NDF}: 82.0/2$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.496 ± 0.026 $\chi^2/\text{NDF}: 625.0/1$

Left: 14.554 ± 0.018 $\chi^2/\text{NDF}: 716.6/4$

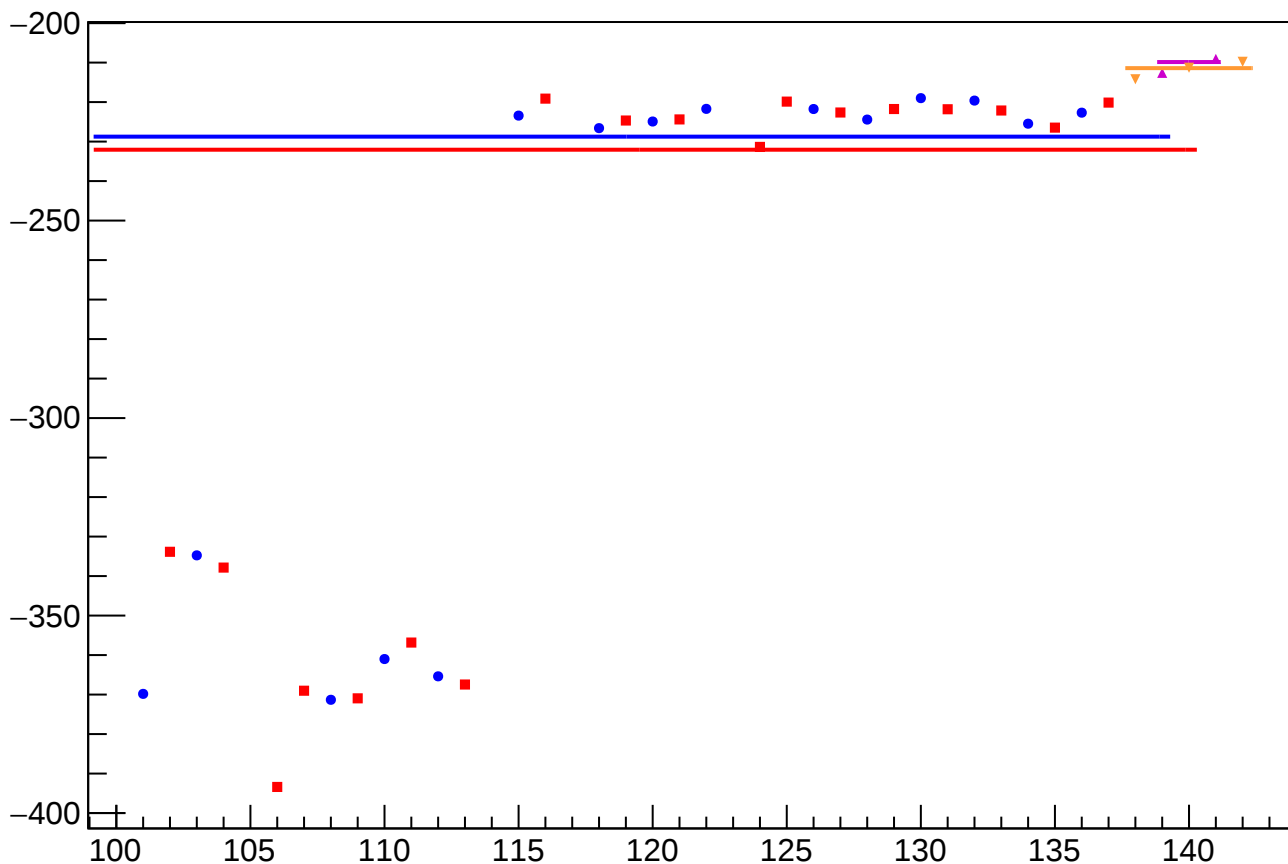
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 16.468 ± 0.012 $\chi^2/\text{NDF}: 36635.8/16$

Out: 16.509 ± 0.015 $\chi^2/\text{NDF}: 69076.4/20$

All: 16.484 ± 0.009 $\chi^2/\text{NDF}: 105717.0/37$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -211.405 ± 0.045 $\chi^2/\text{NDF}: 1355.9/2$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -209.861 ± 0.045 $\chi^2/\text{NDF}: 1101.1/1$

Left: -210.627 ± 0.032 $\chi^2/\text{NDF}: 3051.6/4$

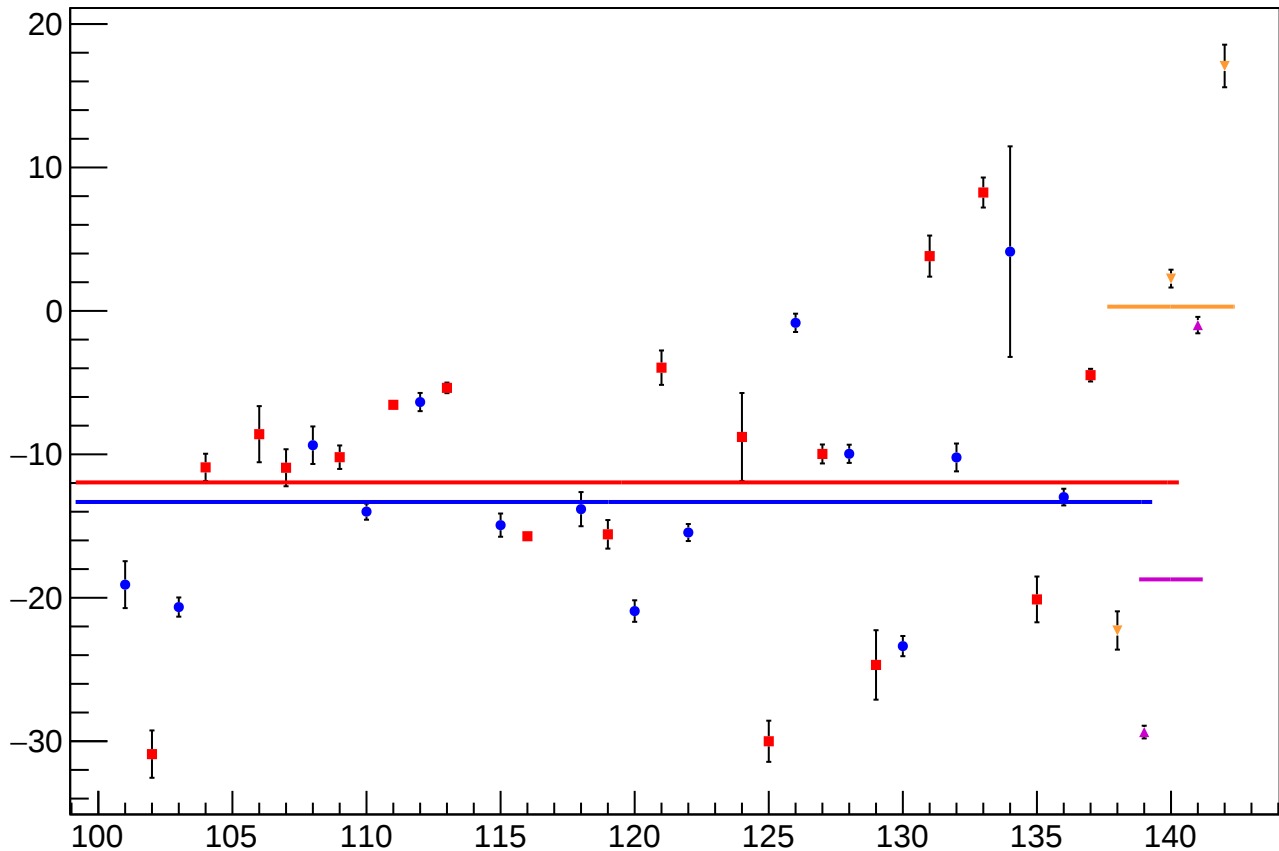
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -221.635 ± 0.027 $\chi^2/\text{NDF}: 770365.4/16$

Out: -222.606 ± 0.030 $\chi^2/\text{NDF}: 907317.4/20$

All: -222.070 ± 0.020 $\chi^2/\text{NDF}: 1678245.7/37$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: 0.296 ± 0.527 χ^2/NDF : 423.4/2

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -18.718 ± 0.351 χ^2/NDF : 1534.8/1

Left: -12.884 ± 0.292 χ^2/NDF : 2860.3/4

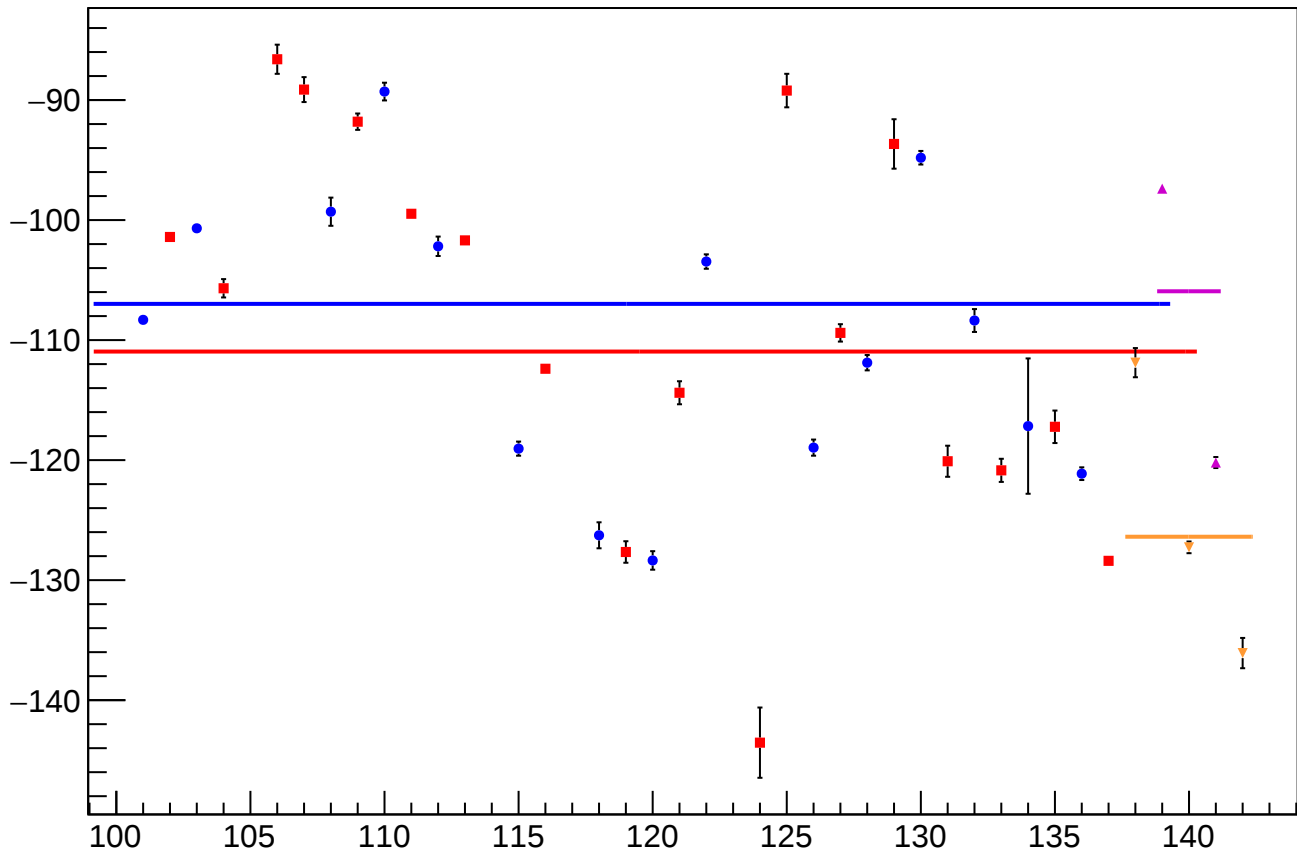
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -14.583 ± 0.170 χ^2/NDF : 2729.3/16

Out: -11.422 ± 0.110 χ^2/NDF : 3427.4/20

All: -12.359 ± 0.092 χ^2/NDF : 6401.2/37

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -126.383 ± 0.426 $\chi^2/\text{NDF}: 204.5/2$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -105.932 ± 0.281 $\chi^2/\text{NDF}: 1542.8/1$

Left: -112.138 ± 0.235 $\chi^2/\text{NDF}: 3352.1/4$

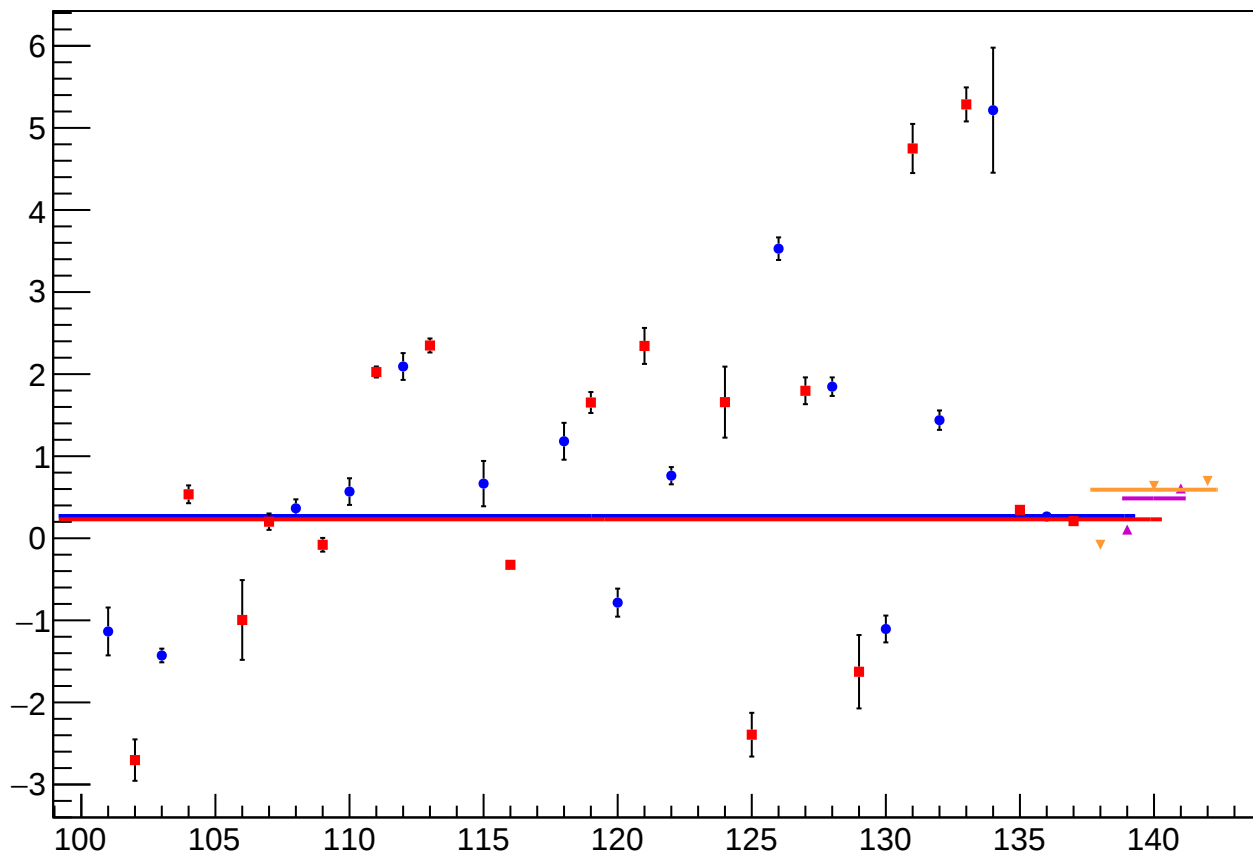
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -106.843 ± 0.102 $\chi^2/\text{NDF}: 6213.2/16$

Out: -111.166 ± 0.050 $\chi^2/\text{NDF}: 12172.8/20$

All: -110.339 ± 0.045 $\chi^2/\text{NDF}: 19825.3/37$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.005 χ^2/NDF : 1612.2/14

Left Out: 0.592+/-0.008 χ^2/NDF :849.8/2

Right Out: 0.231+/-0.004 χ^2/NDF : 2907.8/17

Left In: 0.486+/-0.004 χ^2/NDF :2394.5/1

Left: 0.511+/-0.004 χ^2/NDF : 3384.5/4

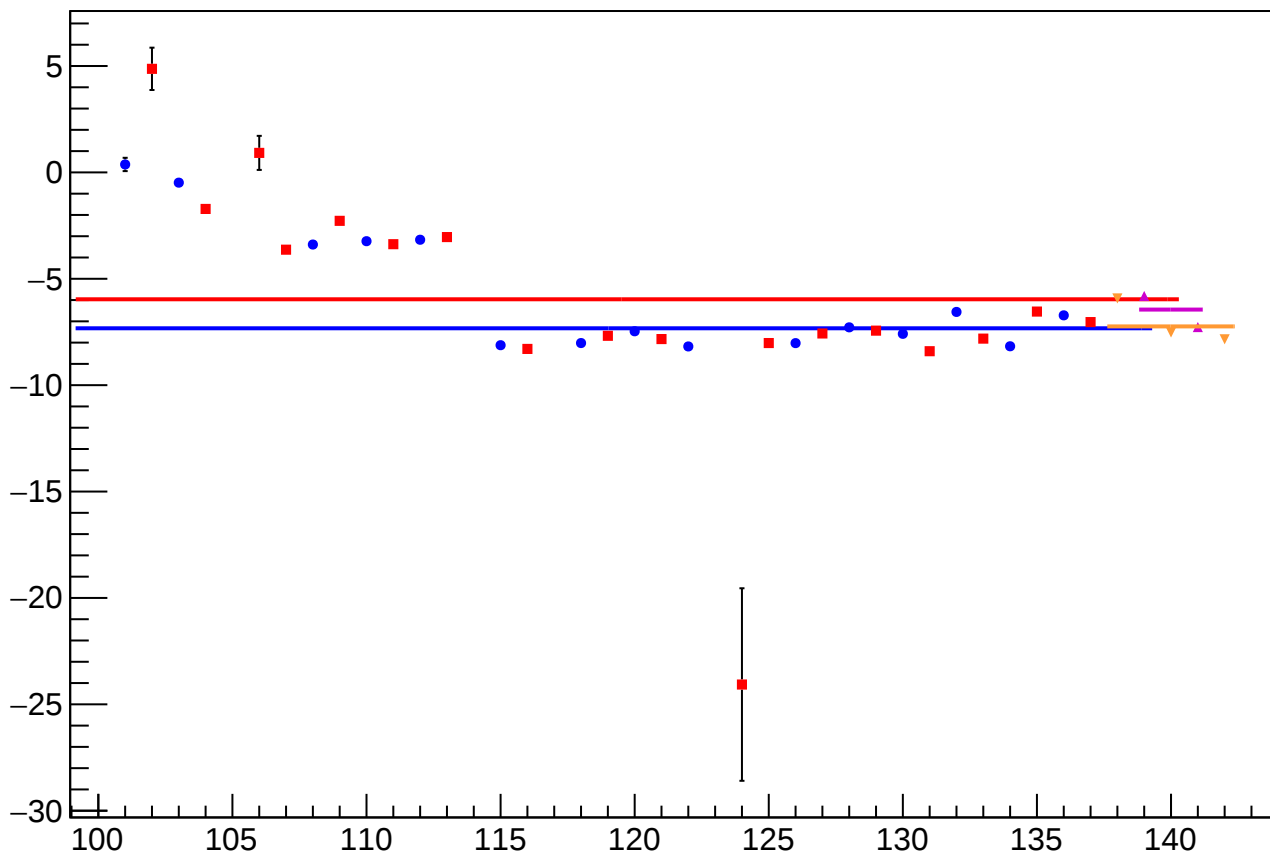
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.399+/-0.003 χ^2/NDF :4975.3/16

Out: 0.318+/-0.004 χ^2/NDF :5379.3/20

All: 0.364+/-0.003 χ^2/NDF : 10602.0/37

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14

Left Out: -7.238 ± 0.027 χ^2/NDF : 863.5/2

Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17

Left In: -6.447 ± 0.015 χ^2/NDF : 2243.2/1

Left: -6.640 ± 0.013 χ^2/NDF : 3755.3/4

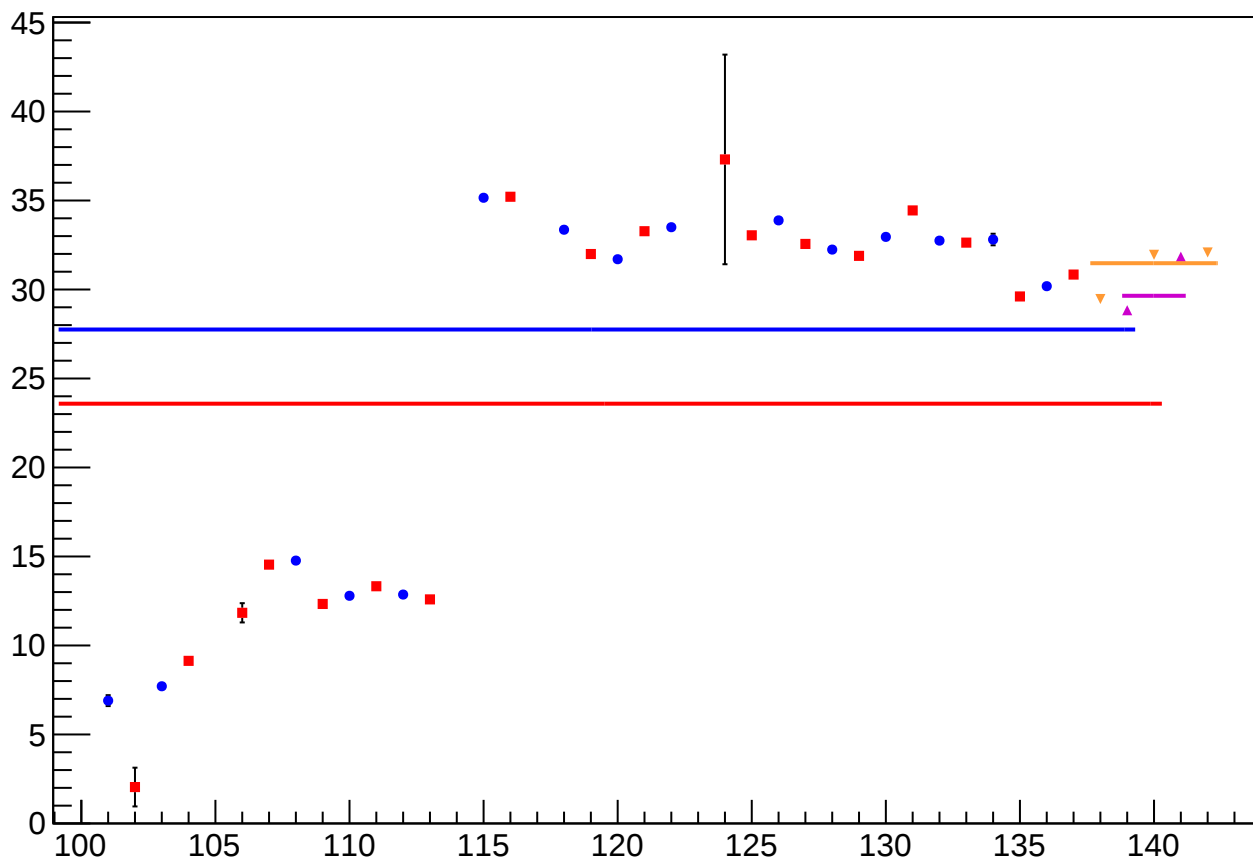
Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32

In: -7.124 ± 0.007 χ^2/NDF : 35275.9/16

Out: -6.085 ± 0.008 χ^2/NDF : 74683.7/20

All: -6.670 ± 0.006 χ^2/NDF : 118679.7/37

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 31.477 $\pm$ 0.040 χ^2 /NDF:665.3/2

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.647 $\pm$ 0.037 χ^2 /NDF:1293.4/1

Left: 30.504 $\pm$ 0.027 χ^2 /NDF: 3096.8/4

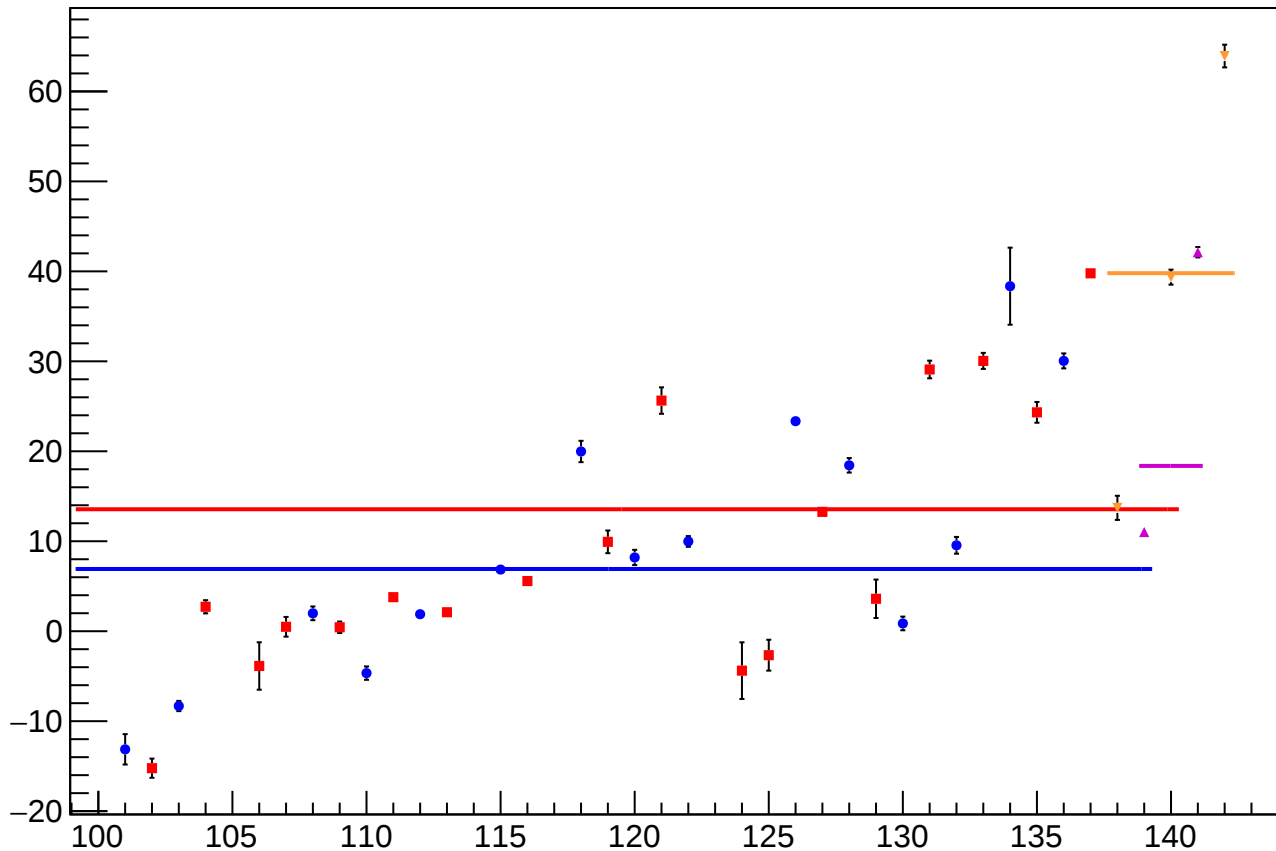
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.019 $\pm$ 0.014 χ^2 /NDF:336459.3/16

Out: 24.431 $\pm$ 0.013 χ^2 /NDF:575798.1/20

All: 26.095 $\pm$ 0.009 χ^2 /NDF: 947815.6/37

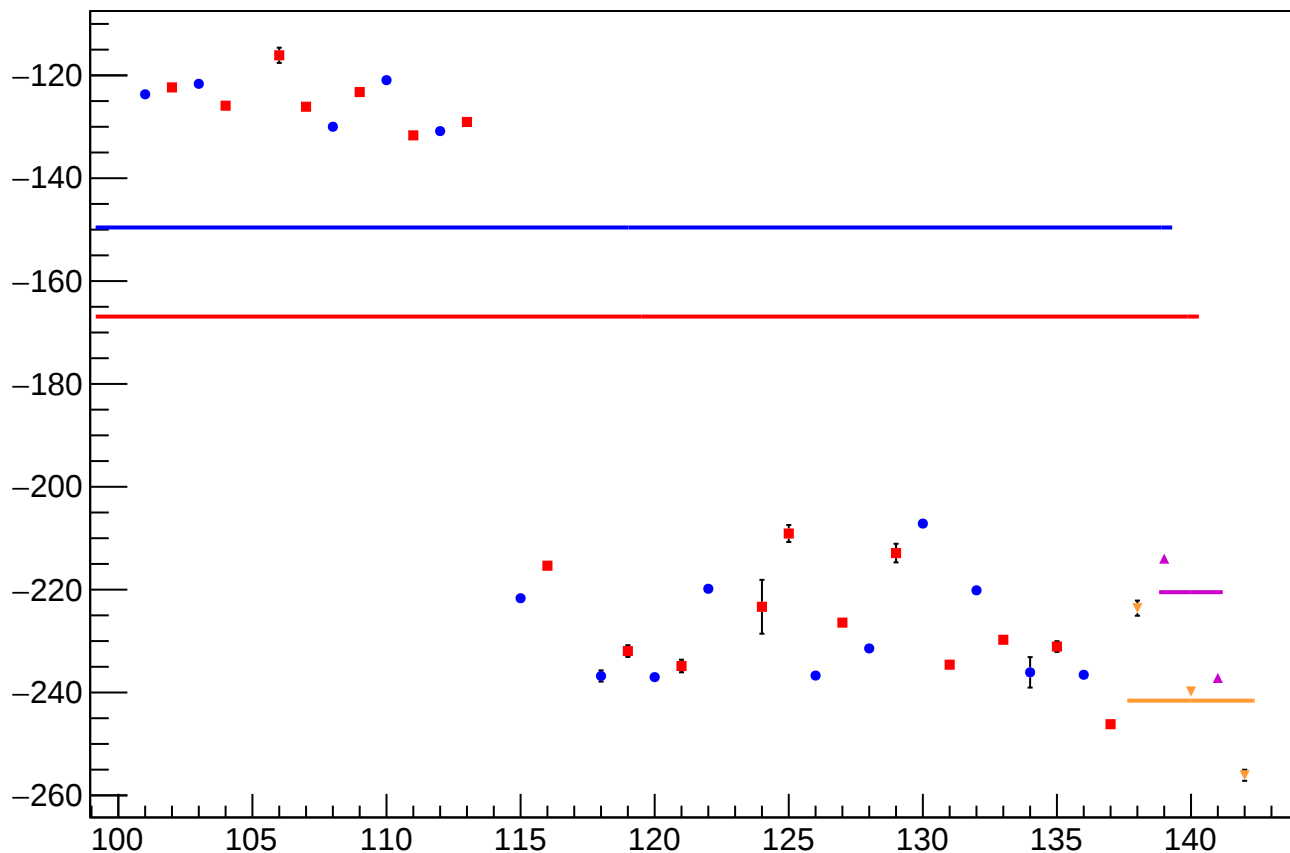
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 39.798 ± 0.618 $\chi^2/\text{NDF}: 743.0/2$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 18.375 ± 0.282 $\chi^2/\text{NDF}: 2201.8/1$

Left: 22.055 ± 0.256 $\chi^2/\text{NDF}: 3939.0/4$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 10.150 ± 0.150 $\chi^2/\text{NDF}: 6893.6/16$
 Out: 14.926 ± 0.141 $\chi^2/\text{NDF}: 14107.3/20$
 All: 12.675 ± 0.103 $\chi^2/\text{NDF}: 21539.9/37$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2 /NDF: 195091.5/14

Left Out: -241.583 $\pm$ 0.519 χ^2 /NDF:338.7/2

Right Out: -166.899 $\pm$ 0.101 χ^2 /NDF: 295489.9/17

Left In: -220.491 $\pm$ 0.241 χ^2 /NDF:1876.2/1

Left: -224.227 $\pm$ 0.218 χ^2 /NDF: 3574.8/4

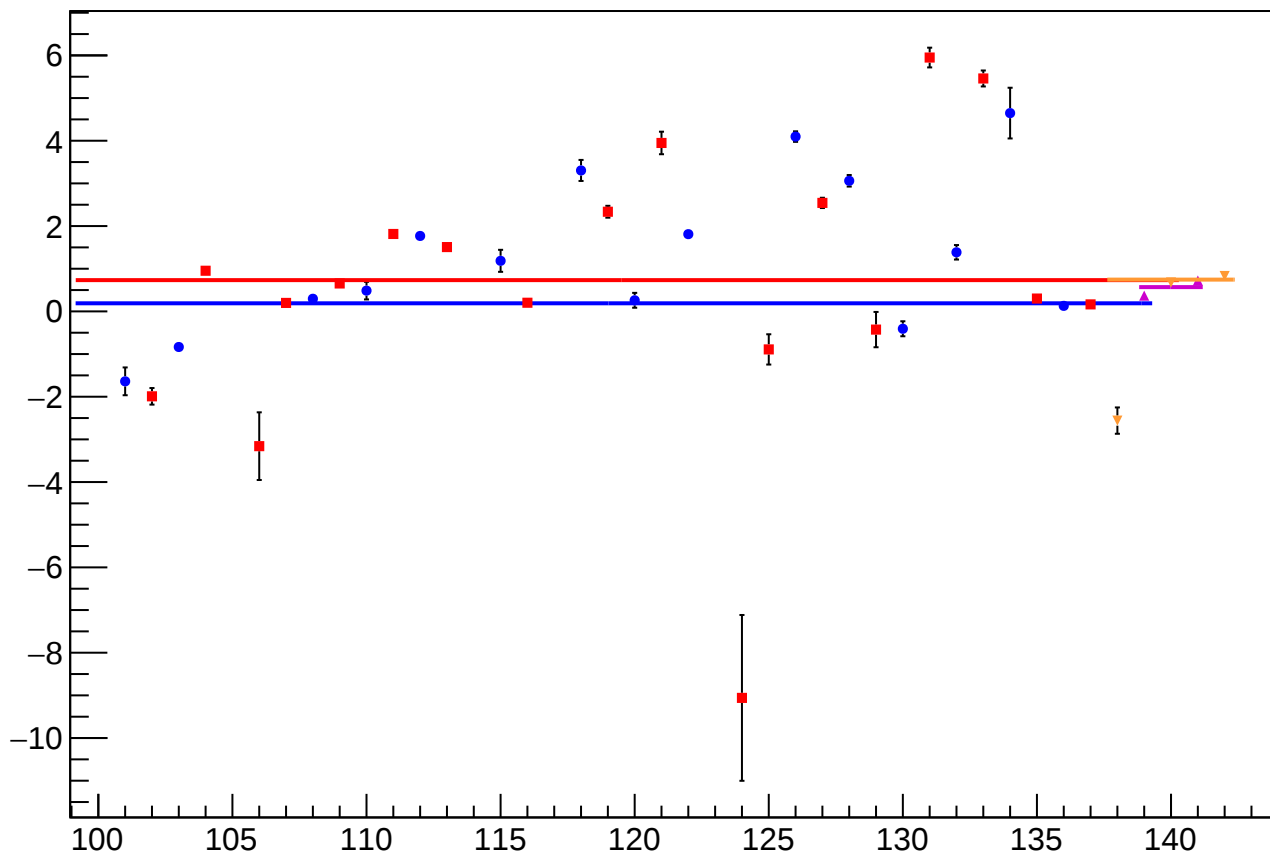
Right: -158.264 $\pm$ 0.071 χ^2 /NDF: 505360.9/32

In: -160.173 $\pm$ 0.093 χ^2 /NDF:270788.3/16

Out: -169.604 $\pm$ 0.099 χ^2 /NDF:315797.9/20

All: -164.608 $\pm$ 0.068 χ^2 /NDF: 591418.5/37

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.745 $\pm$ 0.012 χ^2 /NDF:153.3/2

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.569 $\pm$ 0.008 χ^2 /NDF:528.3/1

Left: 0.618 $\pm$ 0.006 χ^2 /NDF: 830.6/4

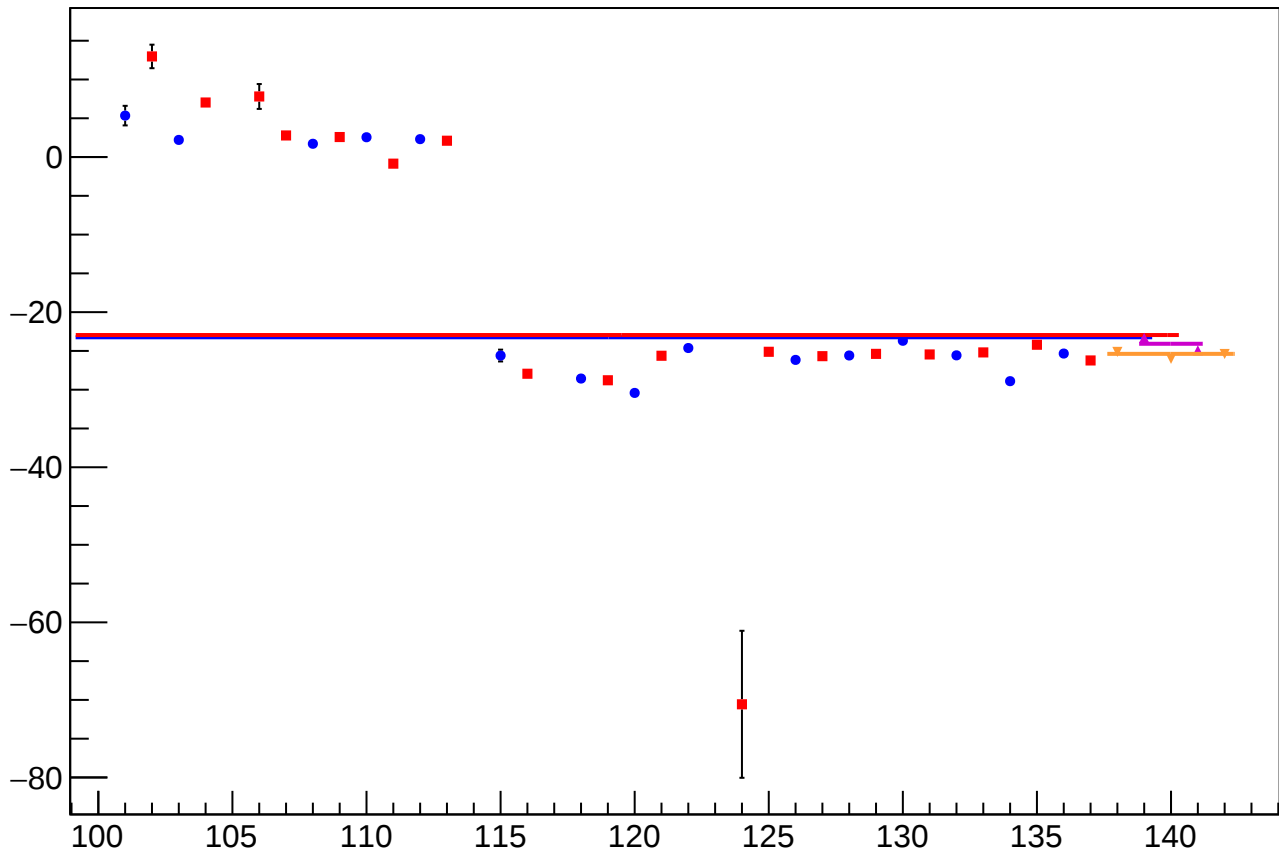
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.402 $\pm$ 0.006 χ^2 /NDF:4342.4/16

Out: 0.741 $\pm$ 0.010 χ^2 /NDF:2820.4/20

All: 0.481 $\pm$ 0.005 χ^2 /NDF: 7982.9/37

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -25.378 ± 0.057 $\chi^2/\text{NDF}: 25.1/2$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -24.078 ± 0.061 $\chi^2/\text{NDF}: 171.6/1$

Left: -24.771 ± 0.042 $\chi^2/\text{NDF}: 438.6/4$

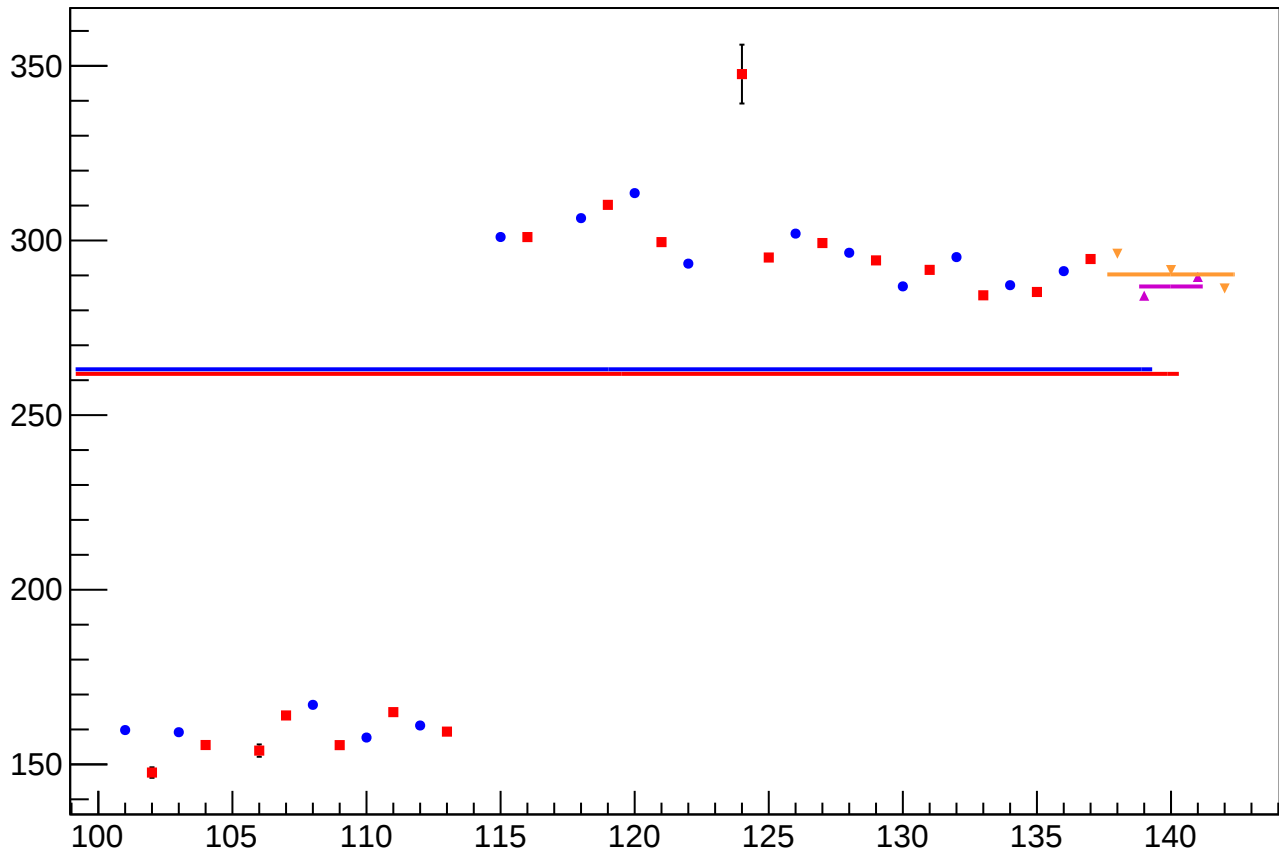
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -23.359 ± 0.023 $\chi^2/\text{NDF}: 103435.6/16$

Out: -23.332 ± 0.023 $\chi^2/\text{NDF}: 109583.9/20$

All: -23.346 ± 0.016 $\chi^2/\text{NDF}: 213020.2/37$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 290.285+/-0.126 χ^2/NDF : 981.3/2

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 286.835+/-0.193 χ^2/NDF : 192.9/1

Left: 289.261+/-0.105 χ^2/NDF : 1397.8/4

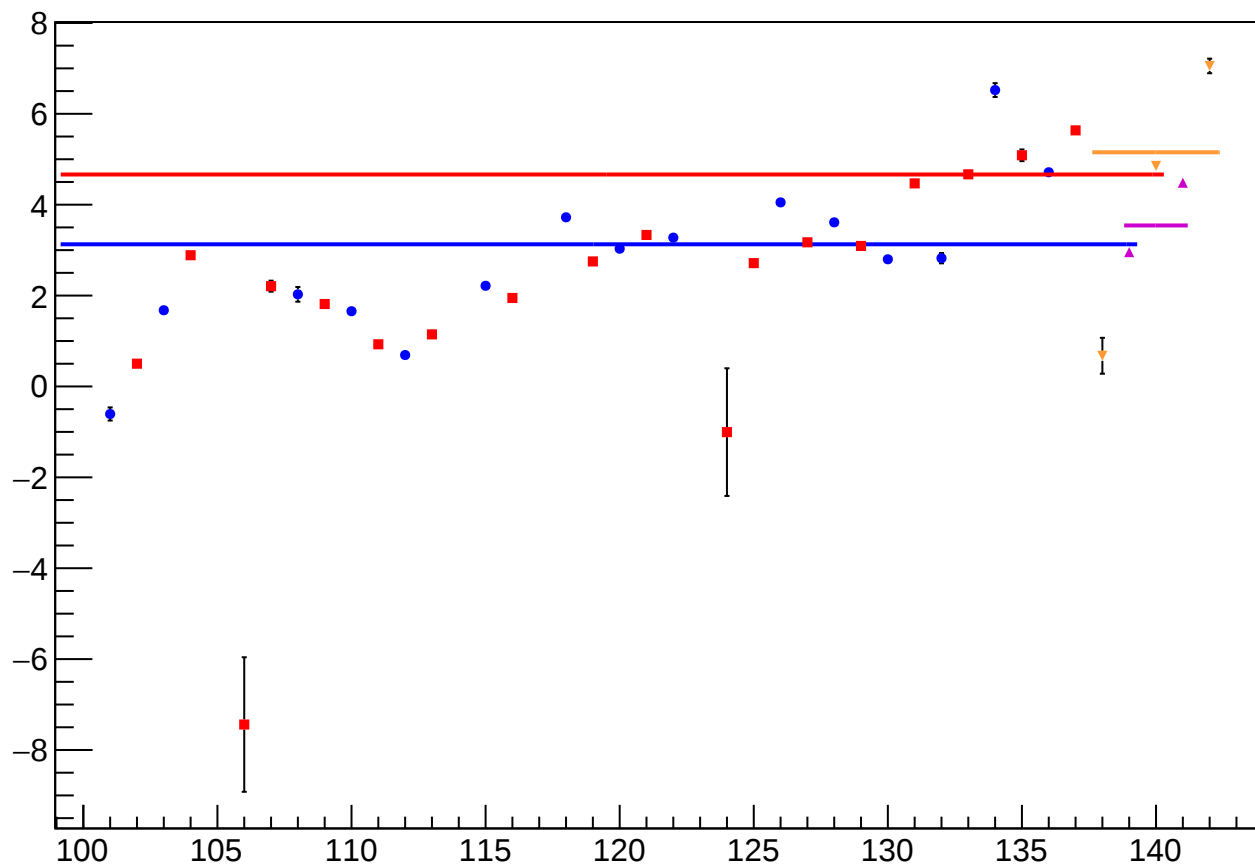
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 265.802+/-0.065 χ^2/NDF : 706405.2/16

Out: 267.162+/-0.054 χ^2/NDF : 1048851.2/20

All: 266.601+/-0.042 χ^2/NDF : 1755513.4/37

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2/NDF : 5667.8/14

Left Out: 5.153 $\pm$ 0.071 χ^2/NDF : 282.6/2

Right Out: 4.664 $\pm$ 0.006 χ^2/NDF : 66862.5/17

Left In: 3.543 $\pm$ 0.030 χ^2/NDF : 610.2/1

Left: 3.786 $\pm$ 0.028 χ^2/NDF : 1325.0/4

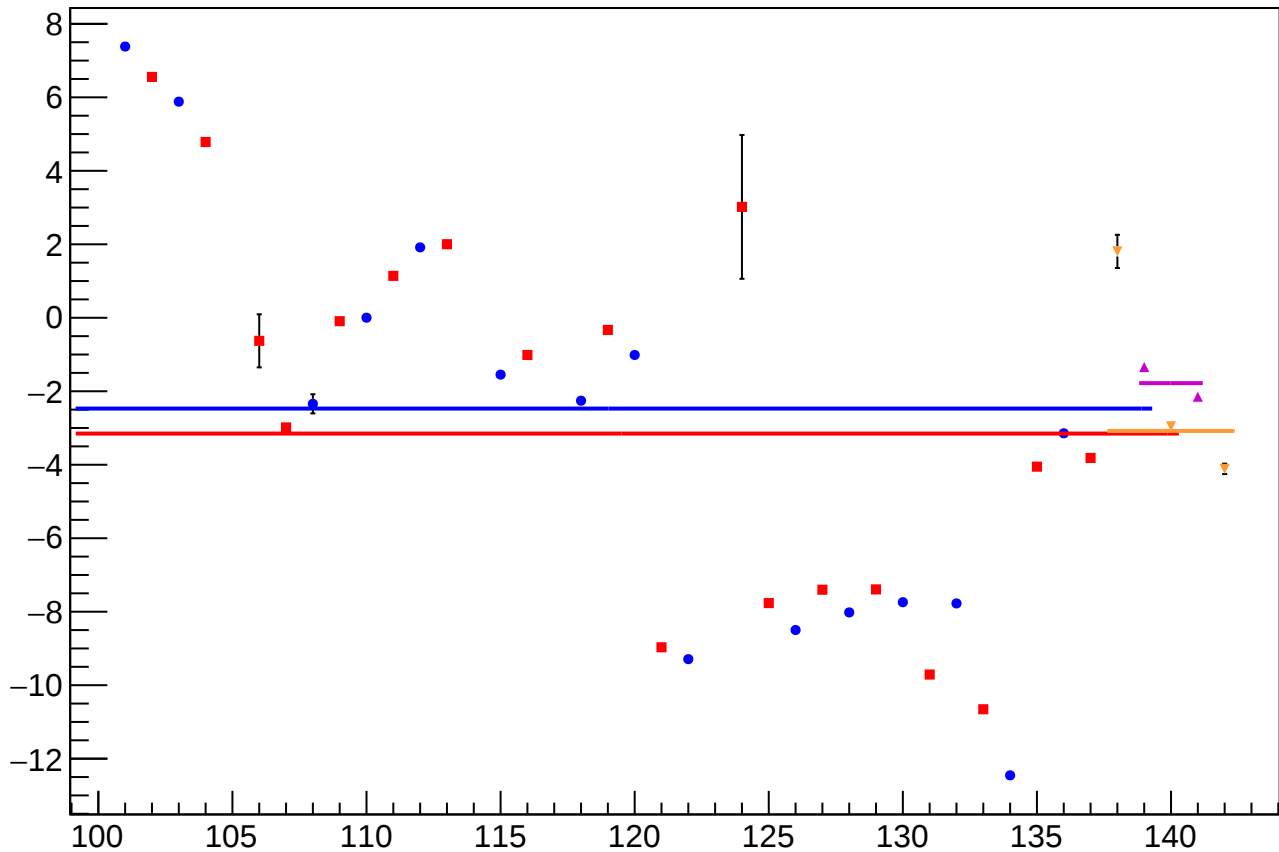
Right: 4.450 $\pm$ 0.006 χ^2/NDF : 80704.7/32

In: 3.218 $\pm$ 0.014 χ^2/NDF : 6427.2/16

Out: 4.668 $\pm$ 0.006 χ^2/NDF : 67191.7/20

All: 4.421 $\pm$ 0.006 χ^2/NDF : 82578.7/37

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: -3.080 ± 0.061 χ^2/NDF : 173.7/2

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: -1.779 ± 0.032 χ^2/NDF : 154.7/1

Left: -2.067 ± 0.029 χ^2/NDF : 687.0/4

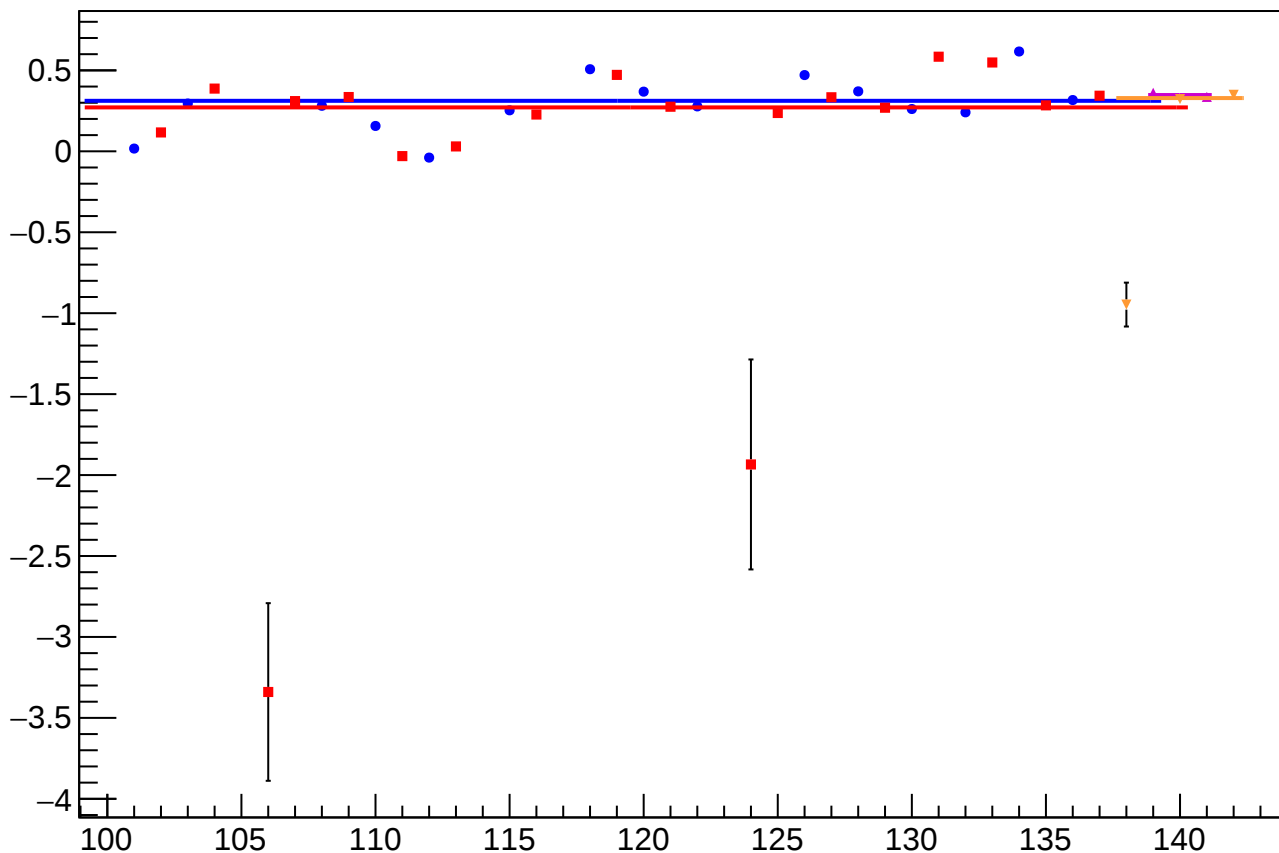
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -2.360 ± 0.013 χ^2/NDF : 243119.1/16

Out: -3.150 ± 0.007 χ^2/NDF : 247602.8/20

All: -2.956 ± 0.006 χ^2/NDF : 493535.2/37

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.329 $\pm$ 0.003 χ^2 /NDF:107.2/2

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.348 $\pm$ 0.004 χ^2 /NDF:10.5/1

Left: 0.335 $\pm$ 0.002 χ^2 /NDF: 133.8/4

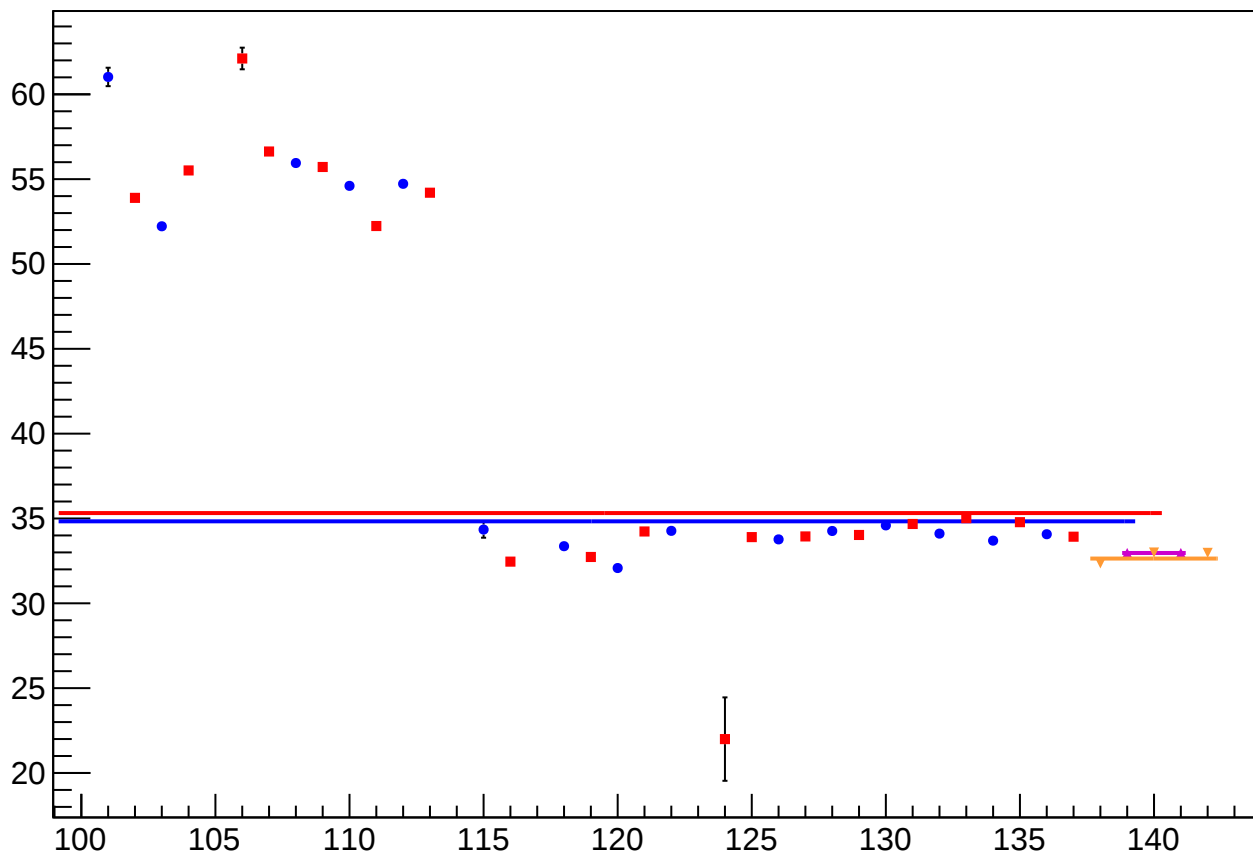
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.315 $\pm$ 0.001 χ^2 /NDF:1406.8/16

Out: 0.293 $\pm$ 0.002 χ^2 /NDF:6538.4/20

All: 0.308 $\pm$ 0.001 χ^2 /NDF: 8060.8/37

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.638+/-0.020 χ^2/NDF :253.2/2

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 32.966+/-0.021 χ^2/NDF :0.0/1

Left: 32.790+/-0.014 χ^2/NDF : 382.5/4

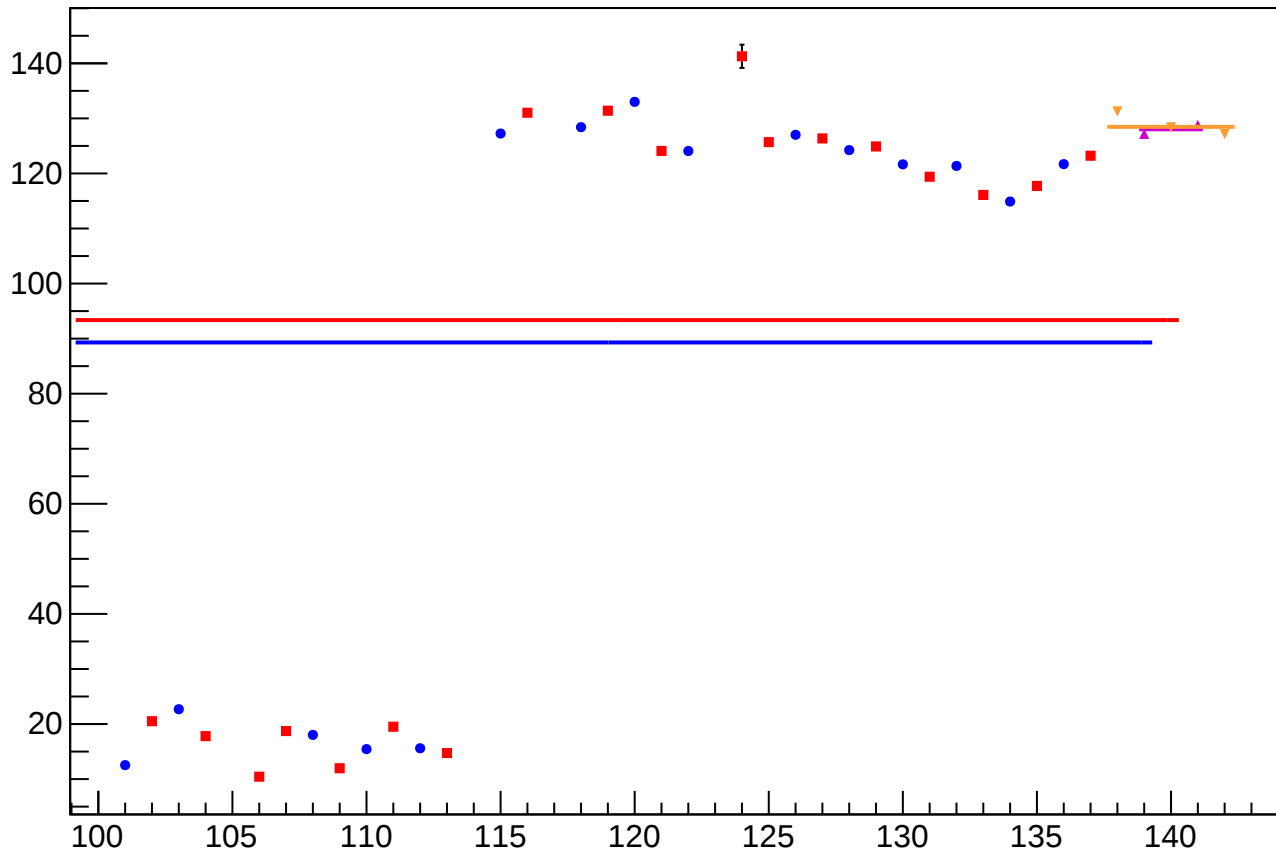
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 34.567+/-0.008 χ^2/NDF :252226.8/16

Out: 34.772+/-0.009 χ^2/NDF :276542.0/20

All: 34.659+/-0.006 χ^2/NDF : 529065.8/37

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302+/-0.027 χ^2/NDF : 3034485.1/14

Left Out: 128.465+/-0.050 χ^2/NDF :1077.9/2

Right Out: 93.367+/-0.030 χ^2/NDF : 2852493.6/17

Left In: 128.020+/-0.068 χ^2/NDF :146.1/1

Left: 128.310+/-0.040 χ^2/NDF : 1252.3/4

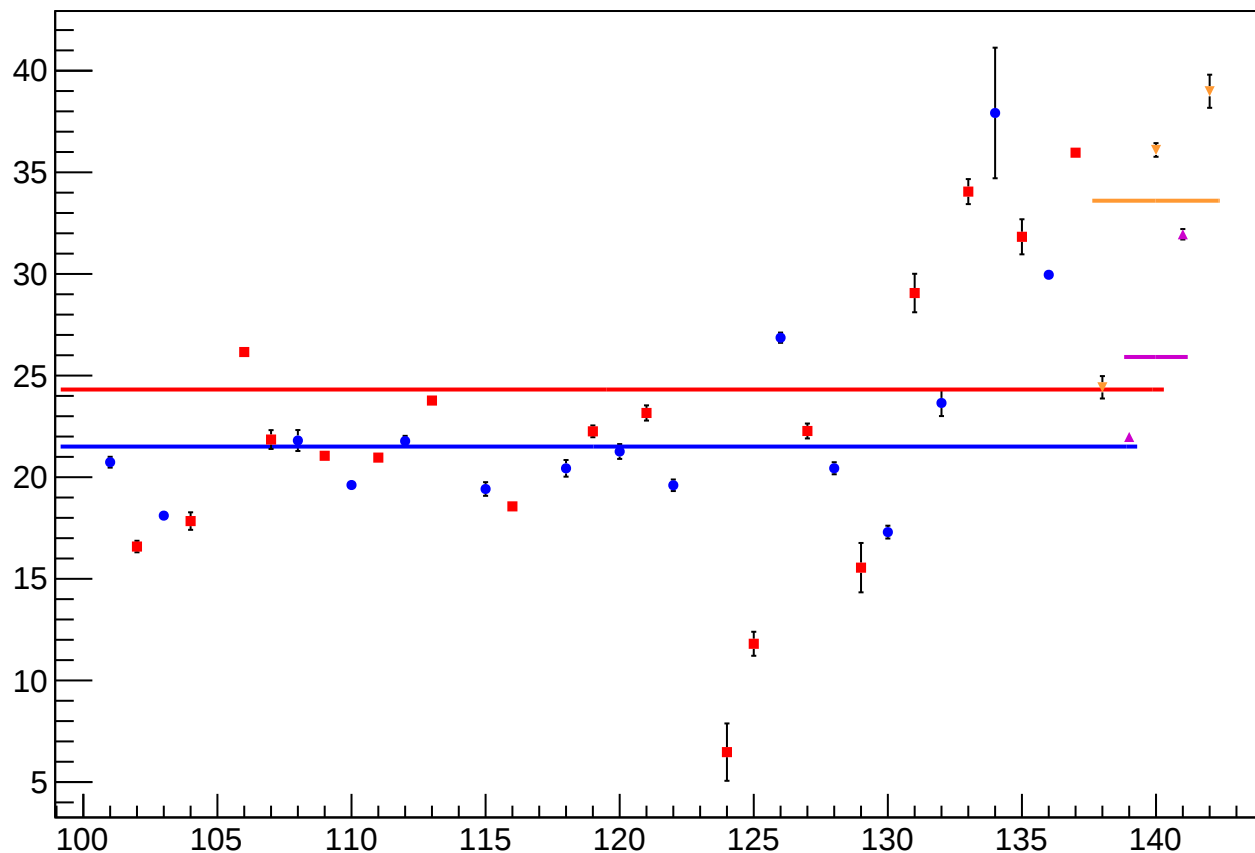
Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32

In: 94.770+/-0.025 χ^2/NDF :3315841.3/16

Out: 102.766+/-0.026 χ^2/NDF :3221549.2/20

All: 98.738+/-0.018 χ^2/NDF : 6586463.4/37

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507±/0.072 χ^2/NDF : 2963.0/14

Left Out: 33.604±/0.271 χ^2/NDF :376.3/2

Right Out: 24.314±/0.058 χ^2/NDF : 14295.4/17

Left In: 25.915±/0.162 χ^2/NDF :910.7/1

Left: 27.934±/0.139 χ^2/NDF : 1882.2/4

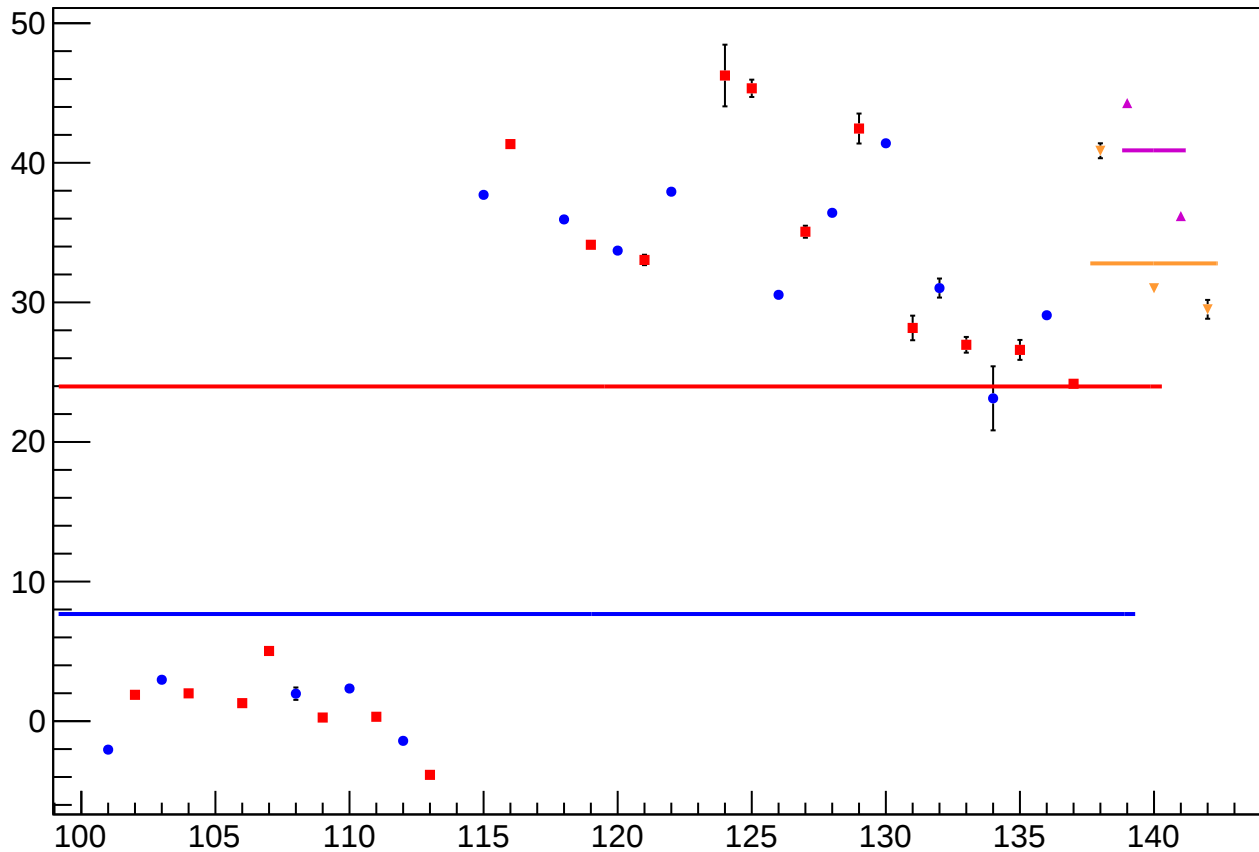
Right: 23.204±/0.045 χ^2/NDF : 18169.2/32

In: 22.243±/0.066 χ^2/NDF :4494.2/16

Out: 24.728±/0.057 χ^2/NDF :15797.4/20

All: 23.663±/0.043 χ^2/NDF : 21101.5/37

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 32.793 ± 0.239 $\chi^2/\text{NDF}: 288.2/2$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 40.891 ± 0.132 $\chi^2/\text{NDF}: 911.0/1$

Left: 38.997 ± 0.116 $\chi^2/\text{NDF}: 2075.4/4$

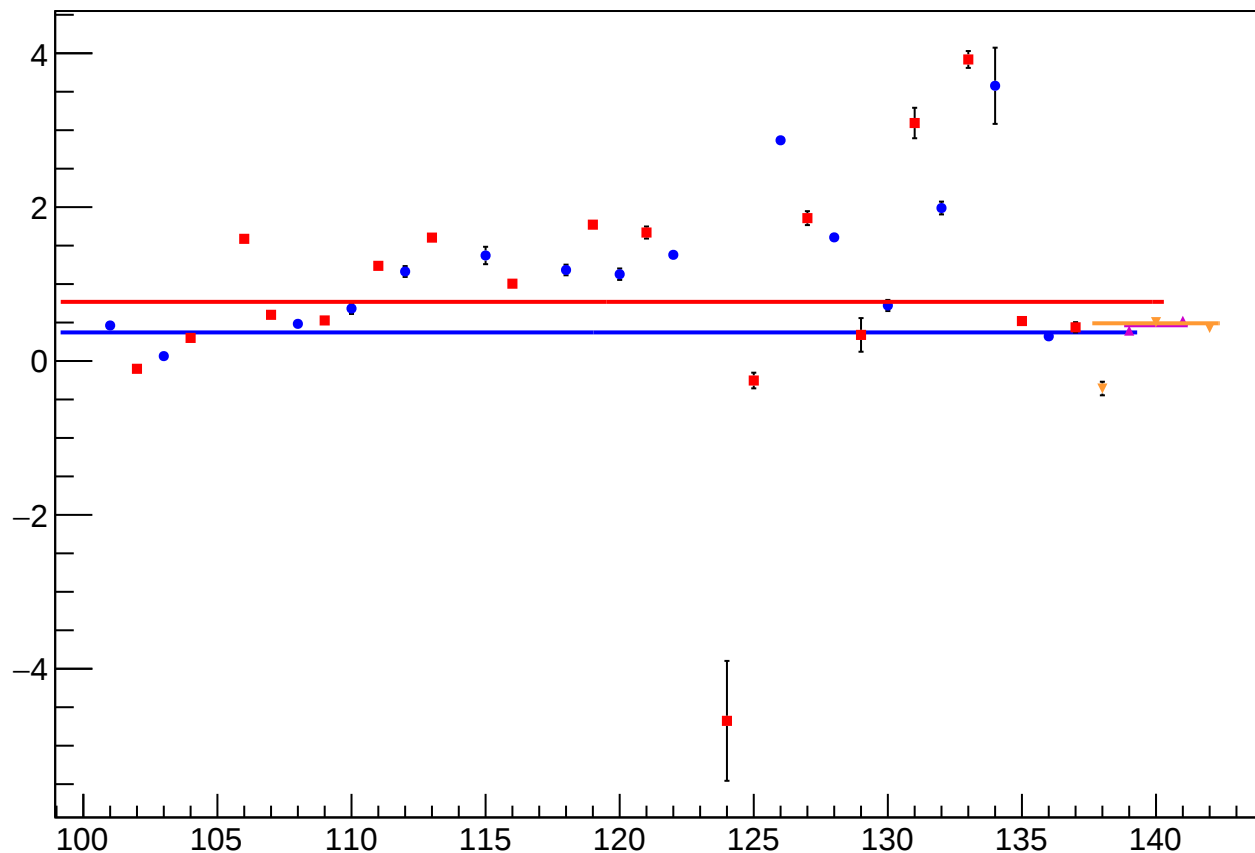
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 11.151 ± 0.043 $\chi^2/\text{NDF}: 153784.9/16$

Out: 23.988 ± 0.008 $\chi^2/\text{NDF}: 112205.8/20$

All: 23.536 ± 0.008 $\chi^2/\text{NDF}: 352761.4/37$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.490 $\pm$ 0.004 χ^2 /NDF:136.0/2

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.465 $\pm$ 0.003 χ^2 /NDF:363.7/1

Left: 0.474 $\pm$ 0.003 χ^2 /NDF: 522.2/4

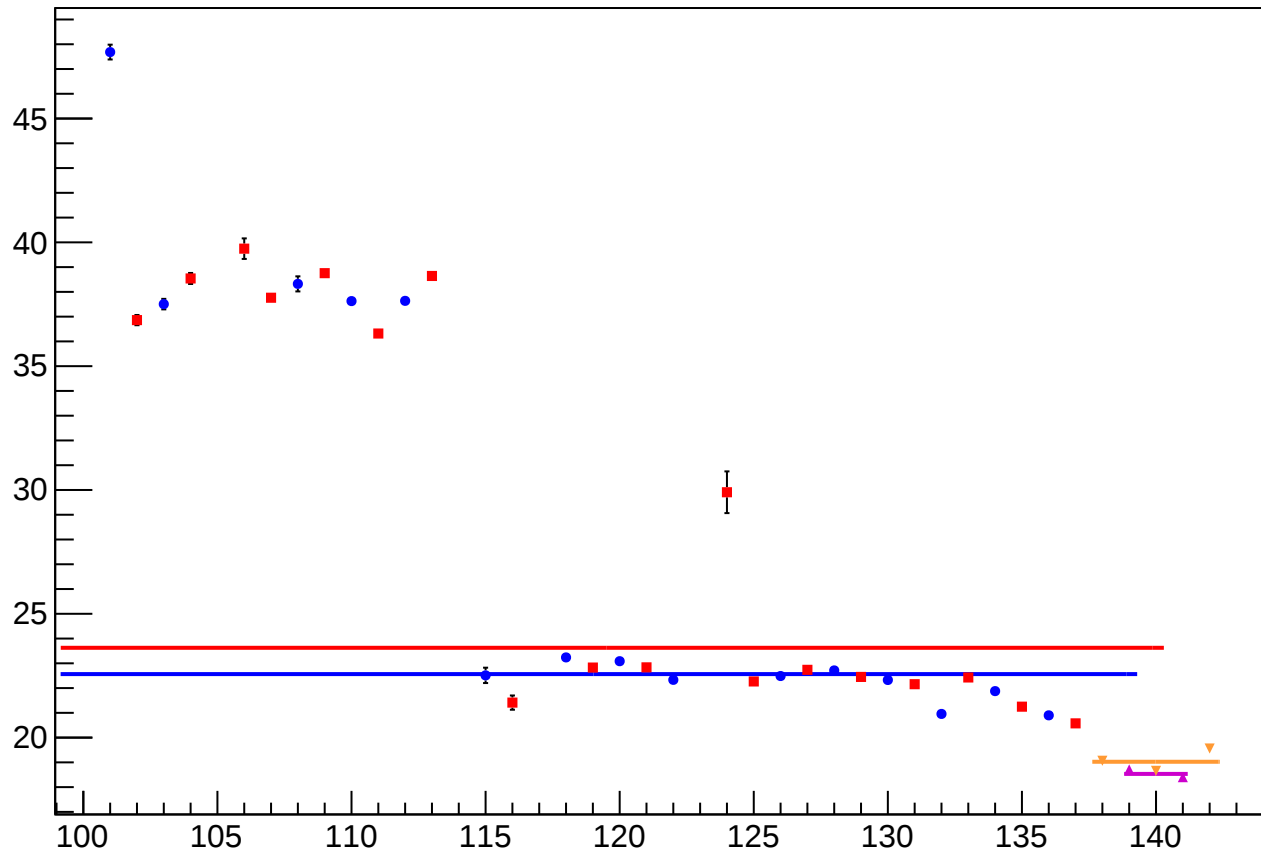
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.430 $\pm$ 0.003 χ^2 /NDF:5399.3/16

Out: 0.567 $\pm$ 0.004 χ^2 /NDF:5441.6/20

All: 0.478 $\pm$ 0.002 χ^2 /NDF: 11764.8/37

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 19.024 $\pm$ 0.018 χ^2 /NDF: 456.2/2

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 18.534 $\pm$ 0.019 χ^2 /NDF: 64.1/1

Left: 18.791 $\pm$ 0.013 χ^2 /NDF: 859.0/4

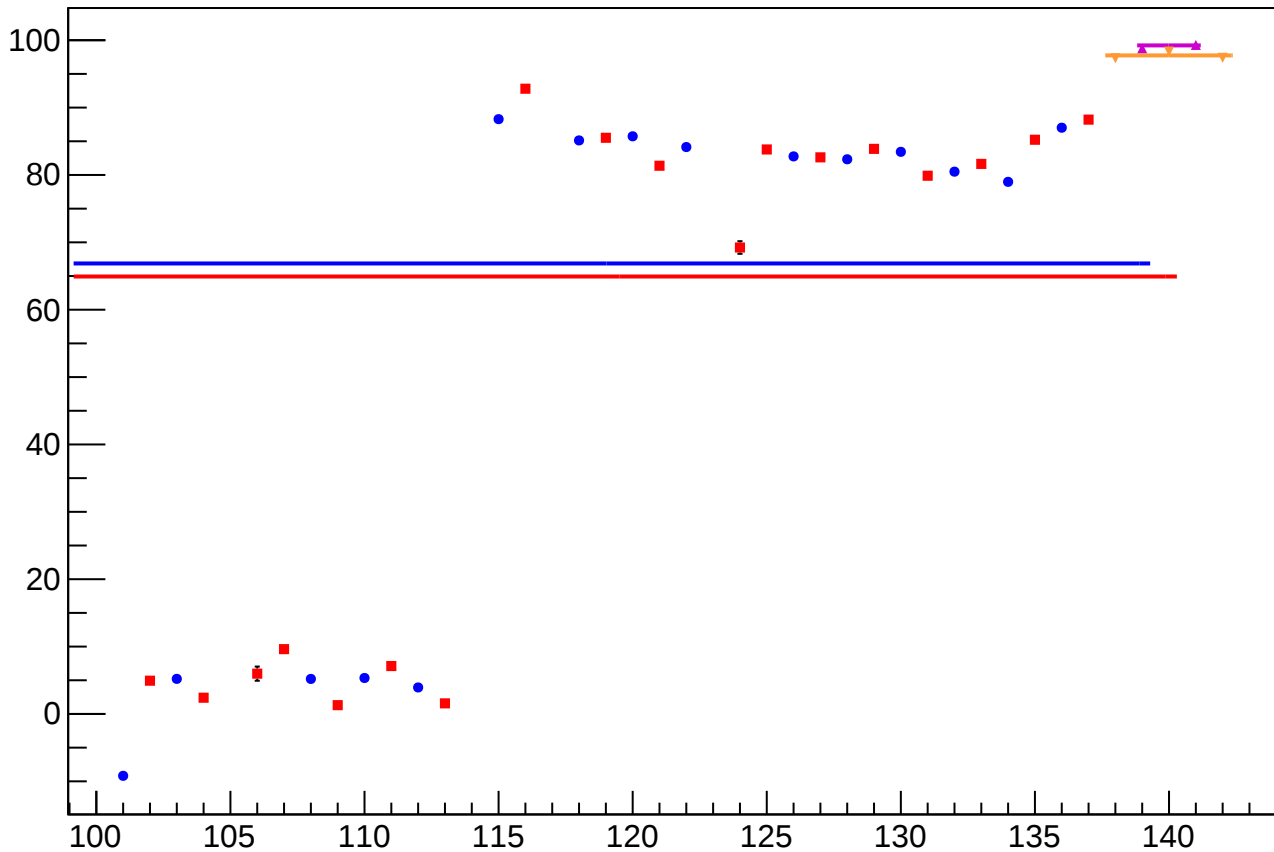
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 21.687 $\pm$ 0.009 χ^2 /NDF: 127095.6/16

Out: 22.379 $\pm$ 0.010 χ^2 /NDF: 169271.9/20

All: 22.011 $\pm$ 0.007 χ^2 /NDF: 299134.3/37

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 97.745+/-0.035 χ^2/NDF :184.4/2

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 99.229+/-0.033 χ^2/NDF :30.6/1

Left: 98.533+/-0.024 χ^2/NDF : 1182.1/4

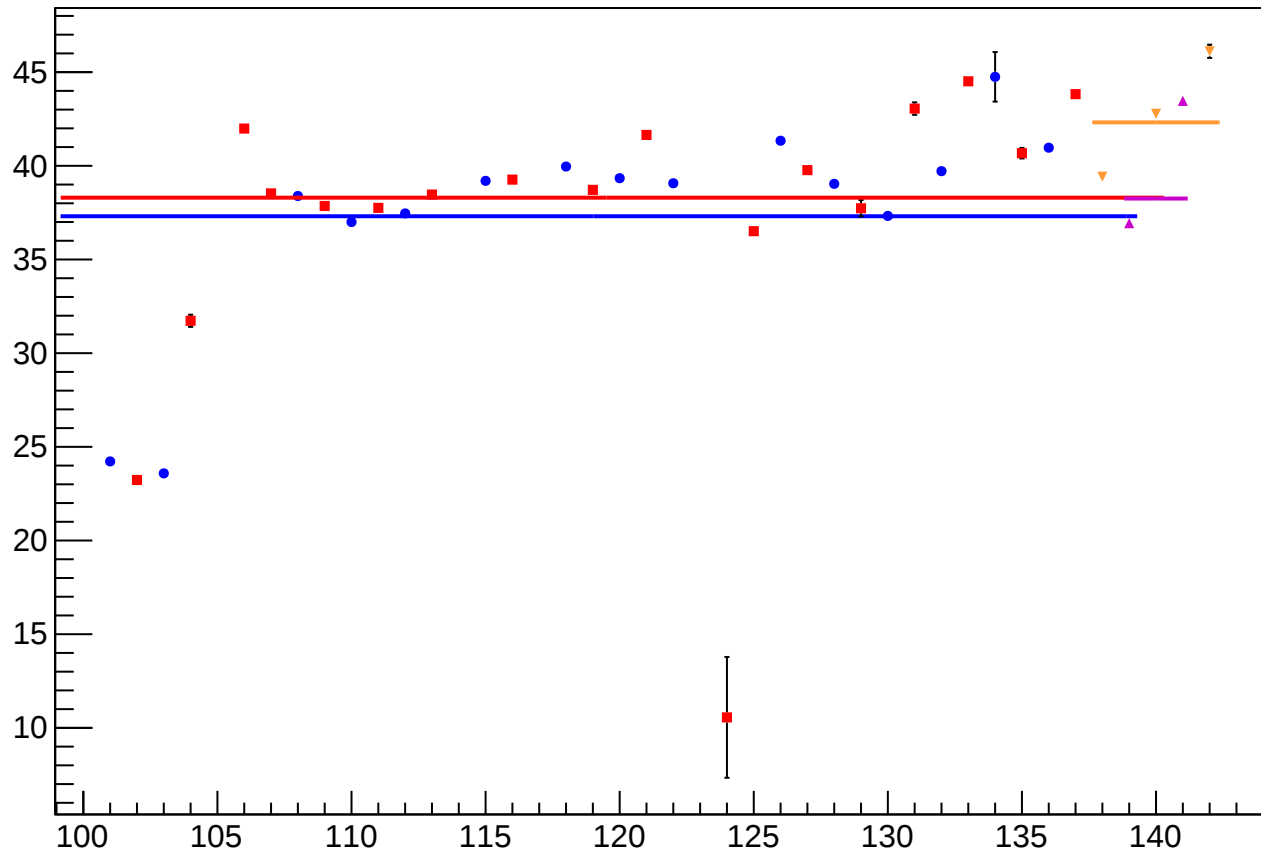
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 80.027+/-0.021 χ^2/NDF :2075892.1/16

Out: 78.788+/-0.023 χ^2/NDF :1849393.3/20

All: 79.457+/-0.015 χ^2/NDF : 3926910.4/37

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 42.320 $\pm$ 0.119 χ^2 /NDF: 271.6/2

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 38.254 $\pm$ 0.062 χ^2 /NDF: 1803.7/1

Left: 39.111 $\pm$ 0.055 χ^2 /NDF: 2992.6/4

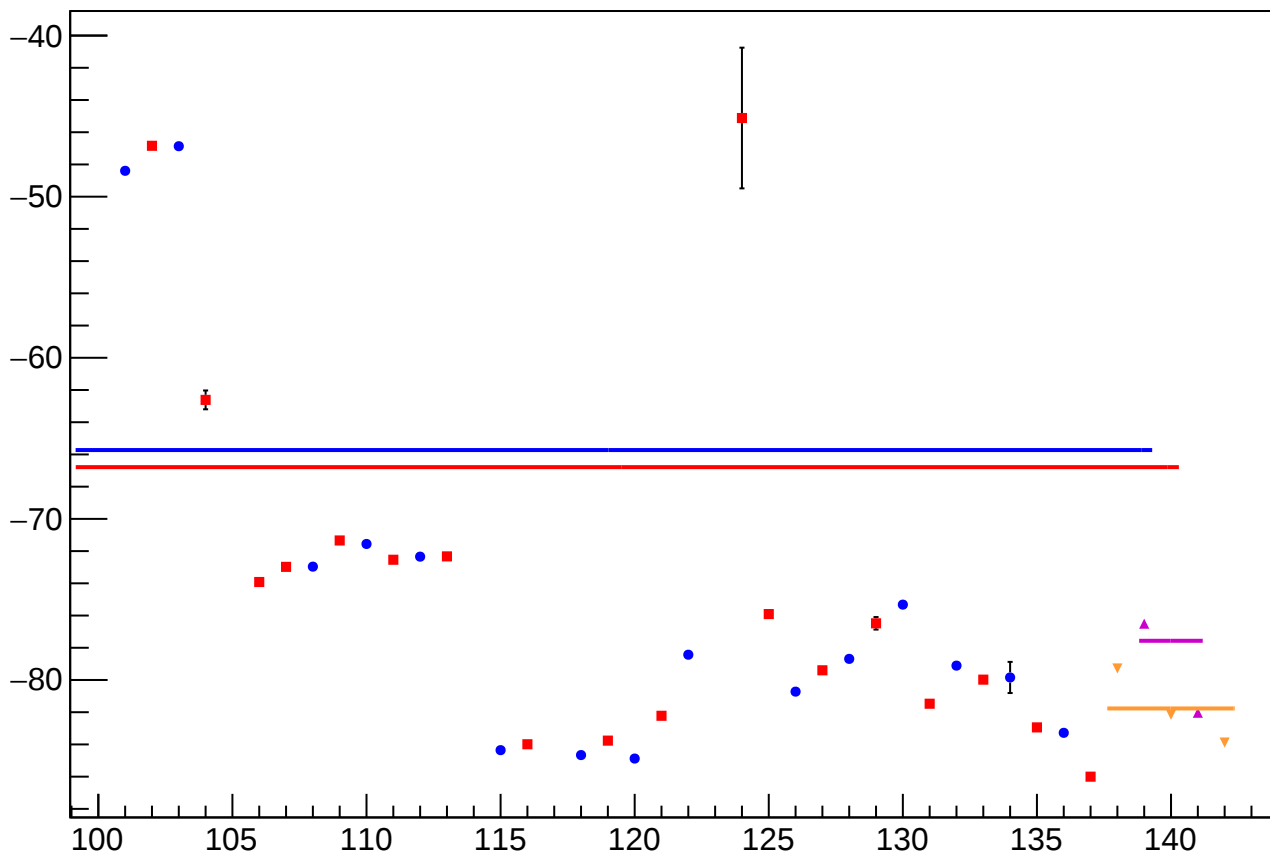
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.424 $\pm$ 0.022 χ^2 /NDF: 61590.0/16

Out: 38.415 $\pm$ 0.020 χ^2 /NDF: 20215.3/20

All: 37.953 $\pm$ 0.015 χ^2 /NDF: 82927.0/37

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -81.767 ± 0.100 $\chi^2/\text{NDF}: 192.1/2$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.566 ± 0.048 $\chi^2/\text{NDF}: 2026.5/1$

Left: -78.368 ± 0.044 $\chi^2/\text{NDF}: 3658.4/4$

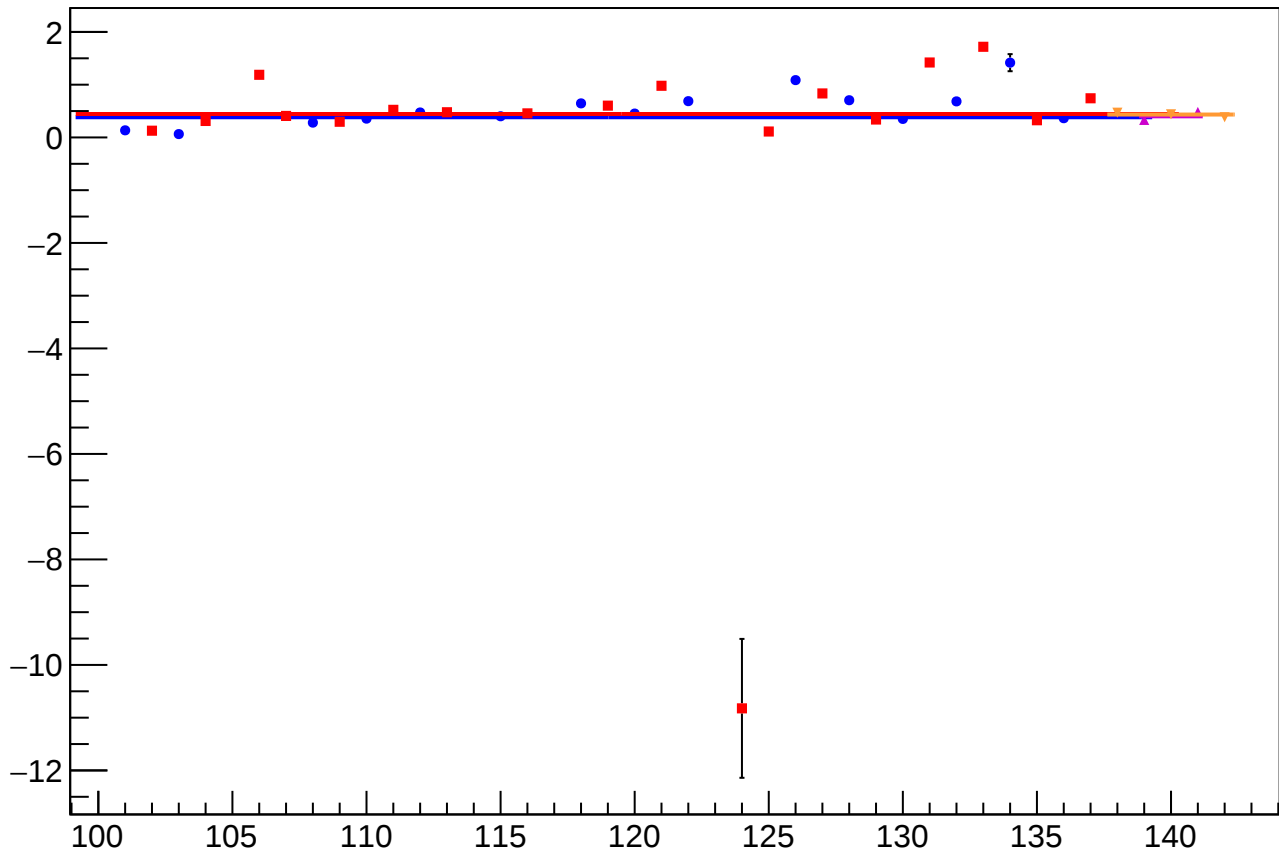
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -67.009 ± 0.016 $\chi^2/\text{NDF}: 958507.0/16$

Out: -67.156 ± 0.016 $\chi^2/\text{NDF}: 831622.6/20$

All: -67.084 ± 0.011 $\chi^2/\text{NDF}: 1790173.4/37$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.434 $\pm$ 0.003 χ^2 /NDF:47.1/2

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.400 $\pm$ 0.002 χ^2 /NDF:1799.8/1

Left: 0.411 $\pm$ 0.001 χ^2 /NDF: 1965.0/4

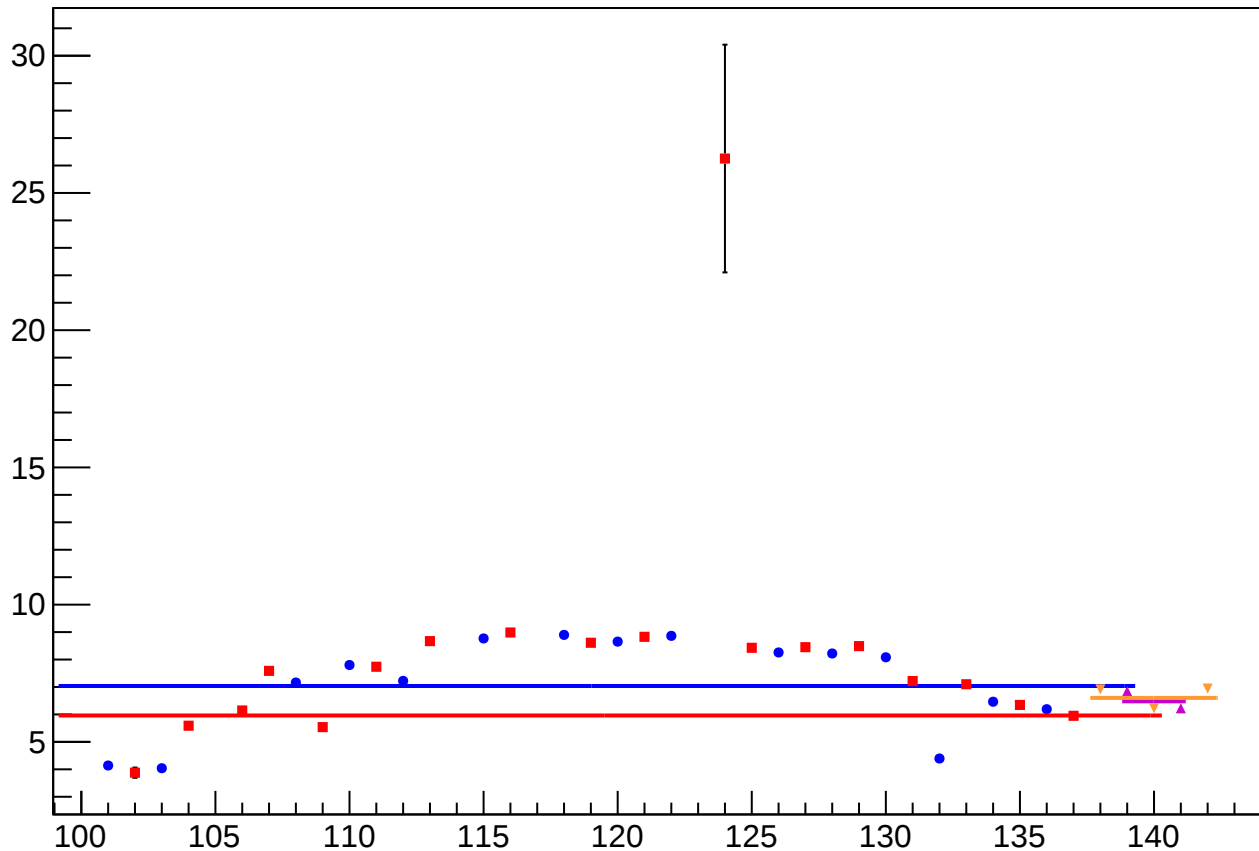
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF:10018.4/16

Out: 0.437 $\pm$ 0.002 χ^2 /NDF:2838.6/20

All: 0.404 $\pm$ 0.001 χ^2 /NDF: 13196.6/37

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.603 $\pm$ 0.007 χ^2 /NDF:2557.8/2

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.478 $\pm$ 0.006 χ^2 /NDF:2652.5/1

Left: 6.532 $\pm$ 0.005 χ^2 /NDF: 5397.0/4

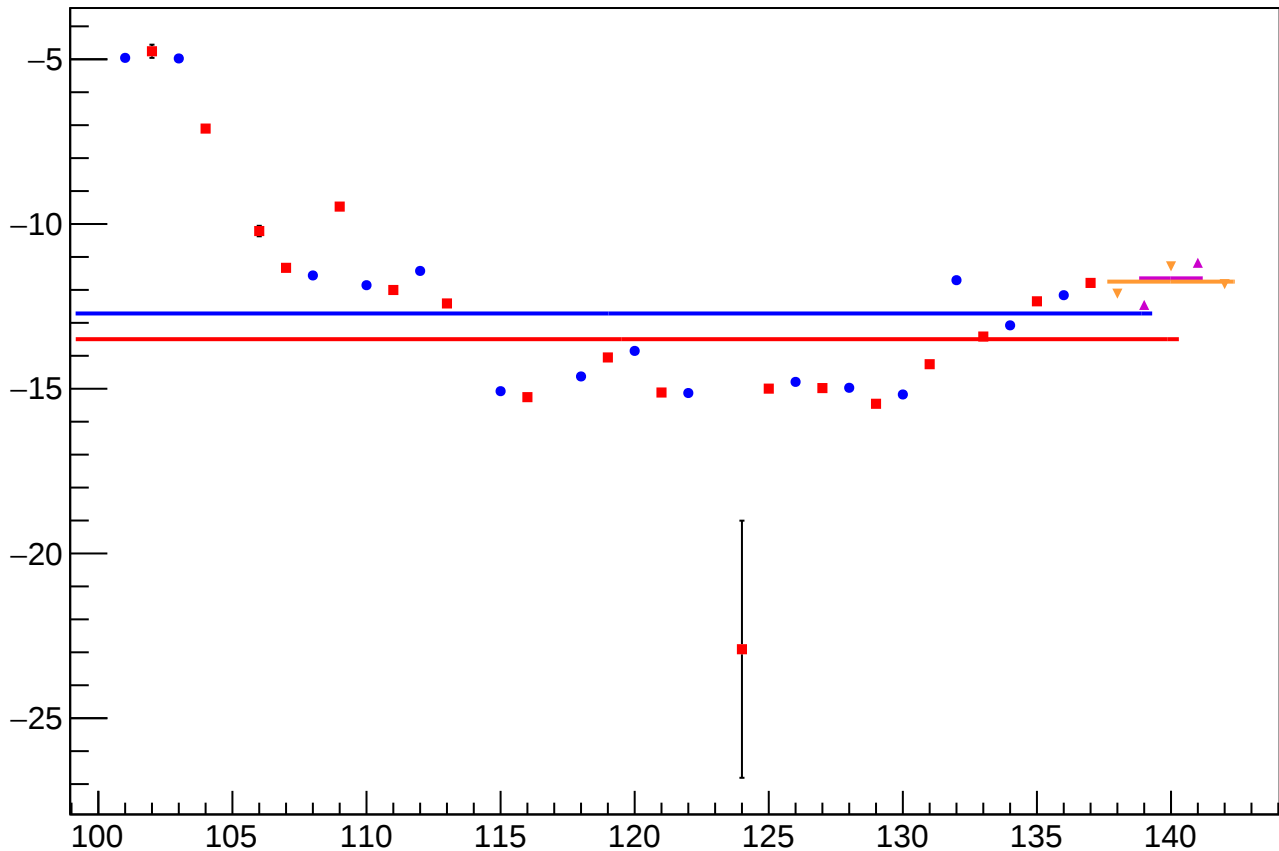
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.833 $\pm$ 0.004 χ^2 /NDF:78110.4/16

Out: 5.964 $\pm$ 0.000 χ^2 /NDF:179565.8/20

All: 5.975 $\pm$ 0.000 χ^2 /NDF: 315041.0/37

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.749 ± 0.008 $\chi^2/\text{NDF}: 2142.5/2$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.650 ± 0.011 $\chi^2/\text{NDF}: 3229.4/1$

Left: -11.713 ± 0.007 $\chi^2/\text{NDF}: 5424.6/4$

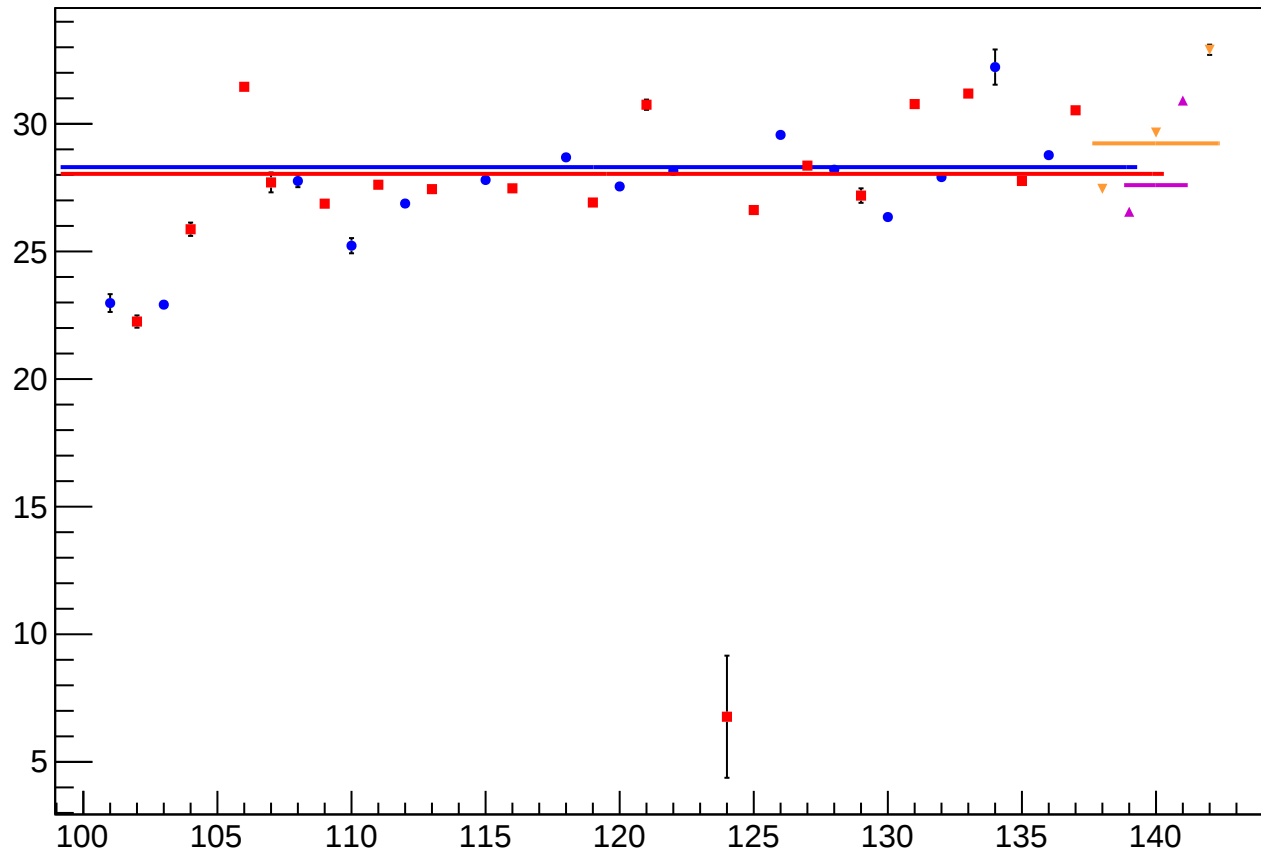
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -12.442 ± 0.006 $\chi^2/\text{NDF}: 95601.0/16$

Out: -12.915 ± 0.005 $\chi^2/\text{NDF}: 87974.1/20$

All: -12.713 ± 0.004 $\chi^2/\text{NDF}: 187797.8/37$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 χ^2/NDF : 3400.0/14

Left Out: 29.235 ± 0.075 χ^2/NDF : 573.2/2

Right Out: 28.040 ± 0.030 χ^2/NDF : 2561.5/17

Left In: 27.598 ± 0.047 χ^2/NDF : 1584.7/1

Left: 28.053 ± 0.040 χ^2/NDF : 2499.3/4

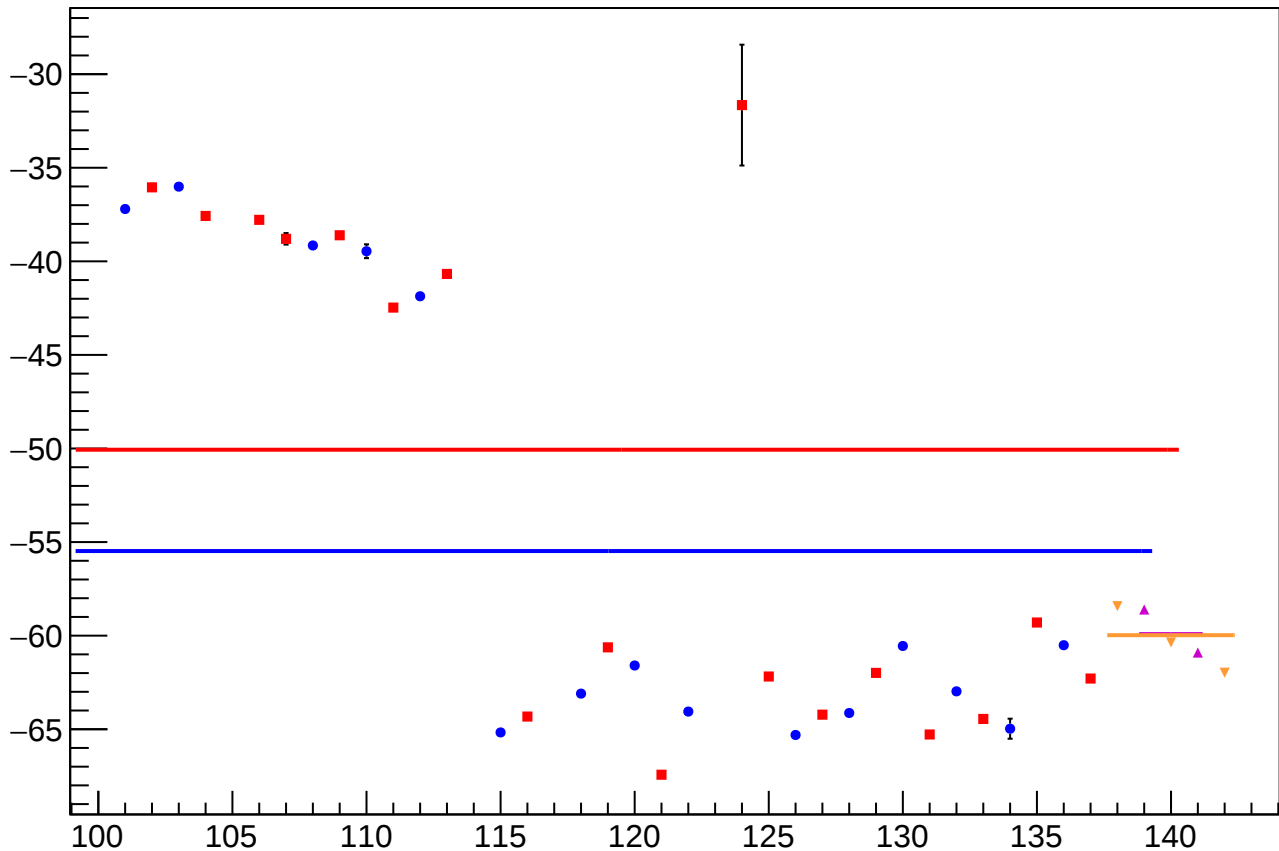
Right: 28.207 ± 0.018 χ^2/NDF : 6009.6/32

In: 28.165 ± 0.021 χ^2/NDF : 5168.3/16

Out: 28.207 ± 0.028 χ^2/NDF : 3351.6/20

All: 28.180 ± 0.017 χ^2/NDF : 8521.3/37

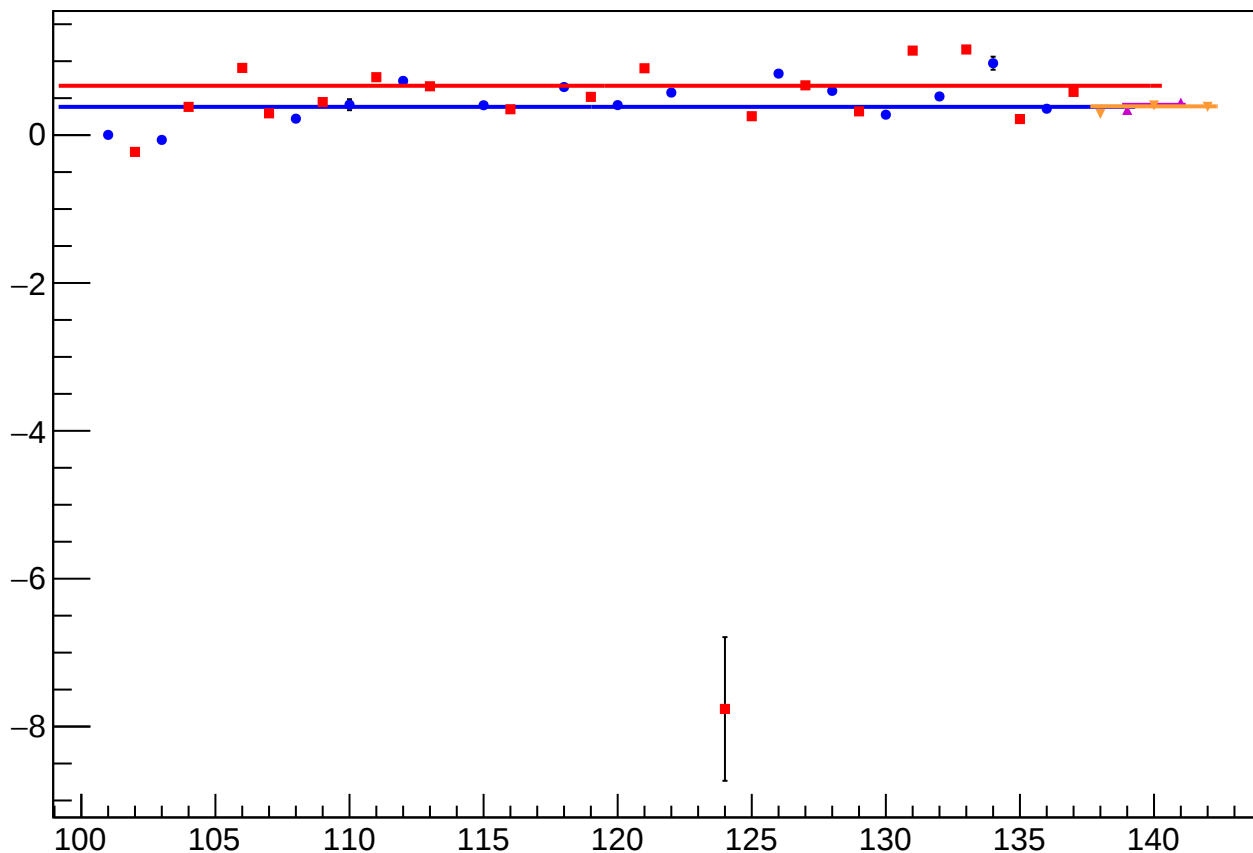
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -59.975 ± 0.064 $\chi^2/\text{NDF}: 362.8/2$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -59.917 ± 0.058 $\chi^2/\text{NDF}: 389.1/1$

Left: -59.943 ± 0.043 $\chi^2/\text{NDF}: 752.3/4$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -55.817 ± 0.016 $\chi^2/\text{NDF}: 600988.3/16$
 Out: -51.202 ± 0.022 $\chi^2/\text{NDF}: 361520.6/20$
 All: -54.208 ± 0.013 $\chi^2/\text{NDF}: 991815.2/37$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.389 ± 0.002 $\chi^2/\text{NDF}: 169.1/2$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.410 ± 0.002 $\chi^2/\text{NDF}: 898.1/1$

Left: 0.404 ± 0.001 $\chi^2/\text{NDF}: 1120.7/4$

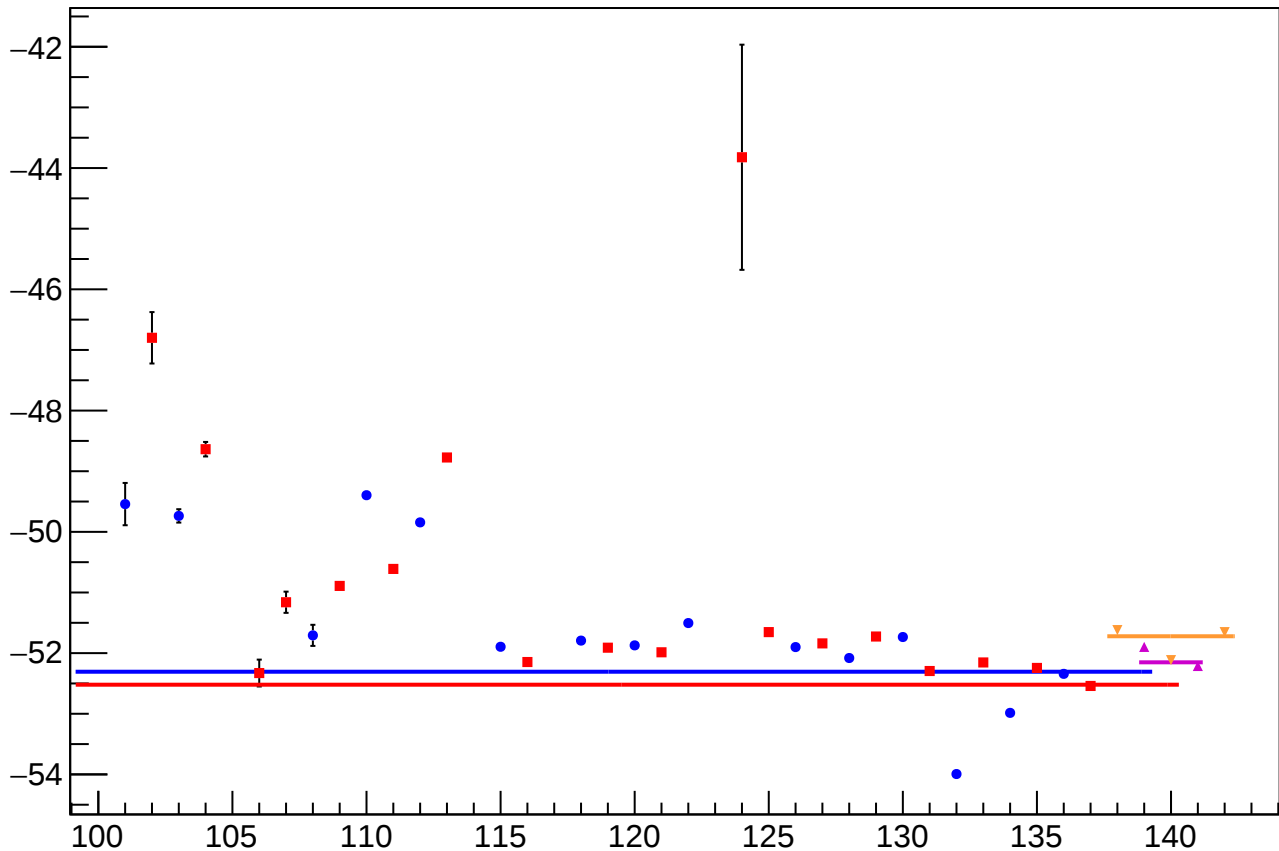
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.397 ± 0.001 $\chi^2/\text{NDF}: 5649.2/16$

Out: 0.448 ± 0.002 $\chi^2/\text{NDF}: 6752.6/20$

All: 0.408 ± 0.001 $\chi^2/\text{NDF}: 12864.0/37$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307+/-0.004 χ^2/NDF : 25427.4/14

Left Out: -51.722+/-0.007 χ^2/NDF : 740.6/2

Right Out: -52.521+/-0.001 χ^2/NDF : 14961.7/17

Left In: -52.152+/-0.005 χ^2/NDF : 570.0/1

Left: -51.995+/-0.004 χ^2/NDF : 3802.5/4

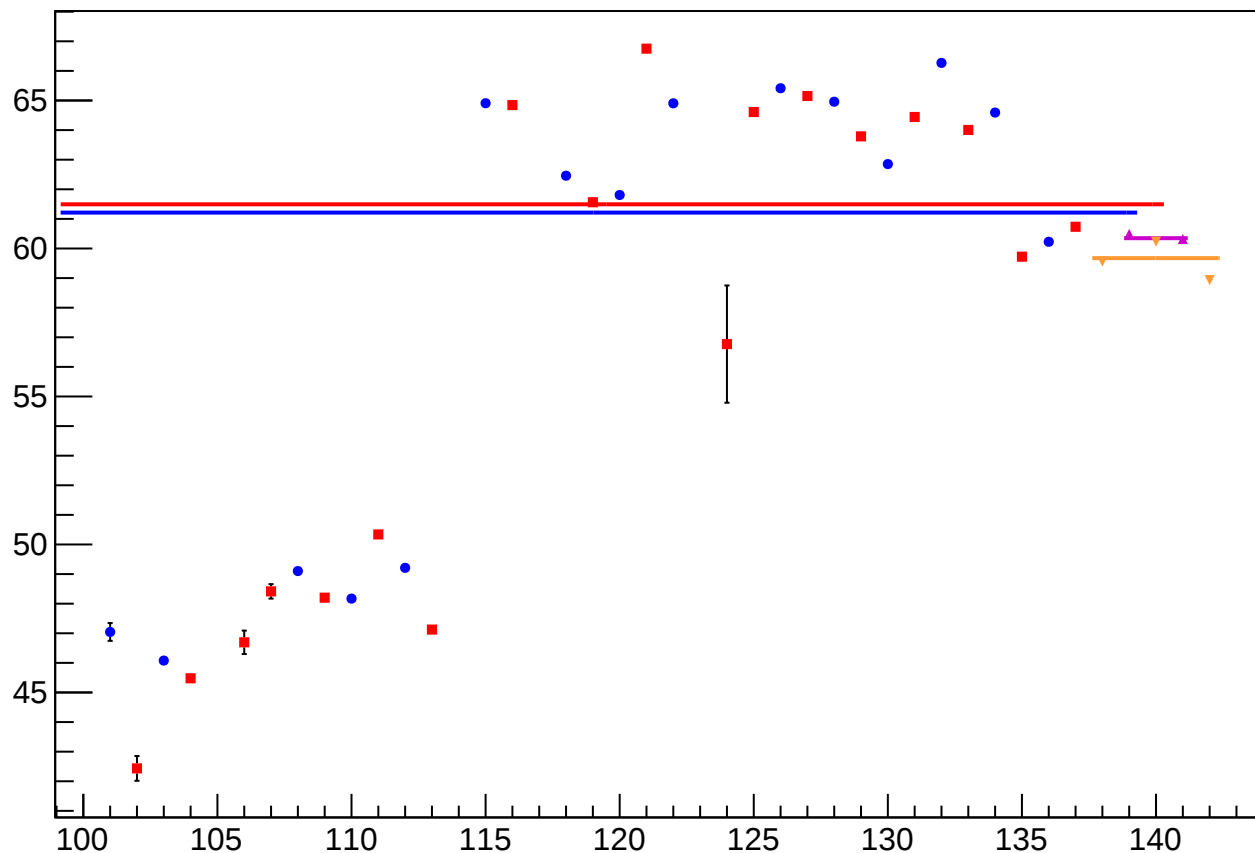
Right: -52.505+/-0.001 χ^2/NDF : 43203.2/32

In: -52.251+/-0.003 χ^2/NDF : 26569.6/16

Out: -52.501+/-0.001 χ^2/NDF : 28899.0/20

All: -52.473+/-0.001 χ^2/NDF : 61203.9/37

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 59.674 $\pm$ 0.012 χ^2 /NDF: 1716.6/2

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 60.348 $\pm$ 0.024 χ^2 /NDF: 6.6/1

Left: 59.810 $\pm$ 0.011 χ^2 /NDF: 2331.0/4

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 61.090 $\pm$ 0.009 χ^2 /NDF: 157706.1/16

Out: 61.073 $\pm$ 0.006 χ^2 /NDF: 262120.0/20

All: 61.078 $\pm$ 0.005 χ^2 /NDF: 419828.7/37

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

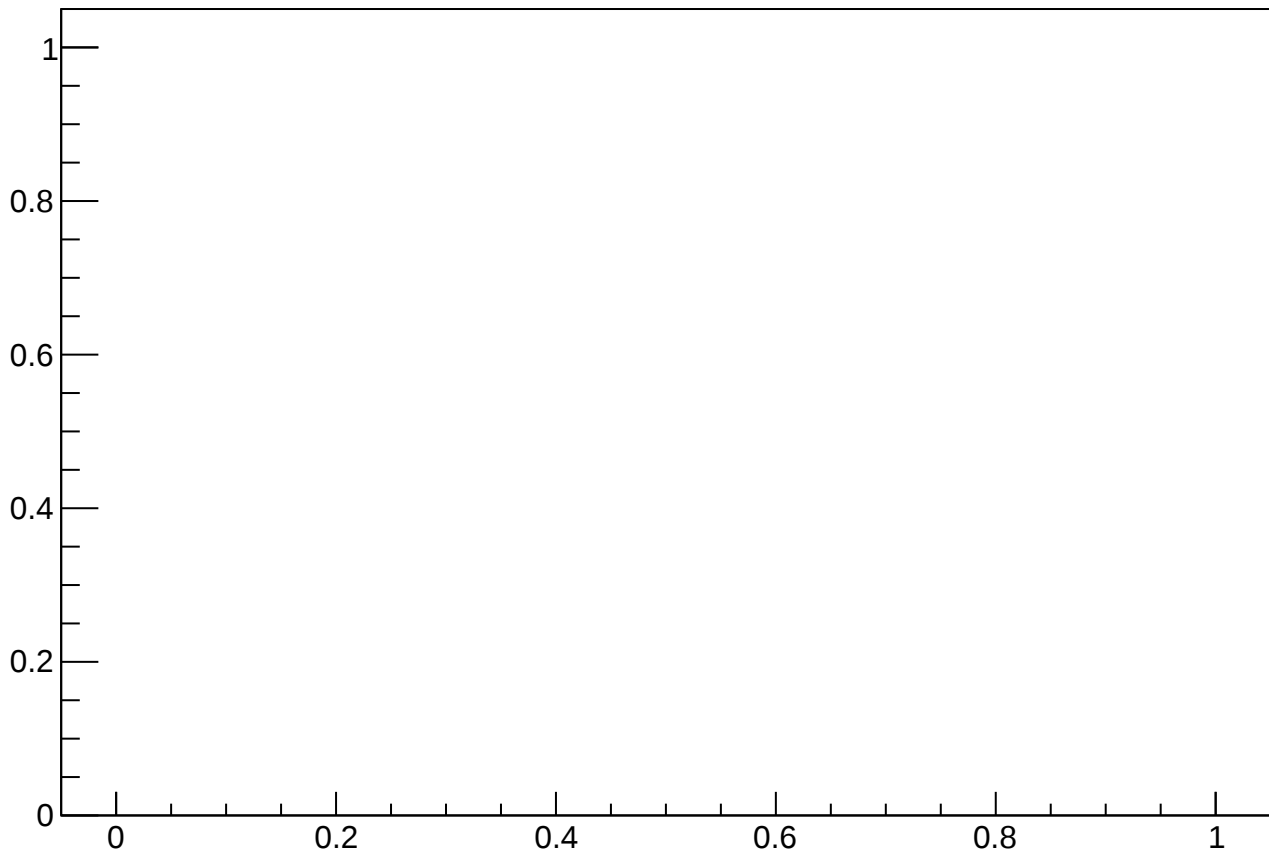
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

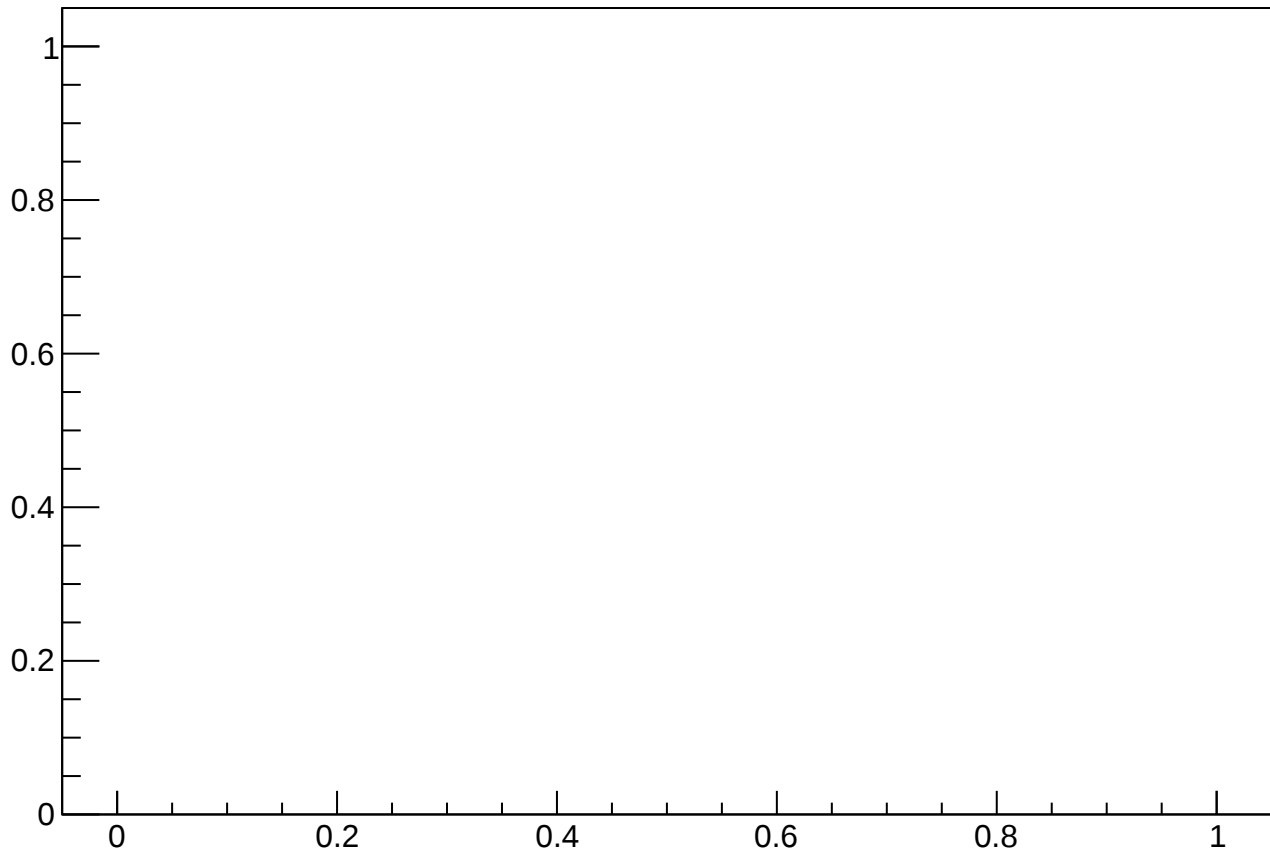
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

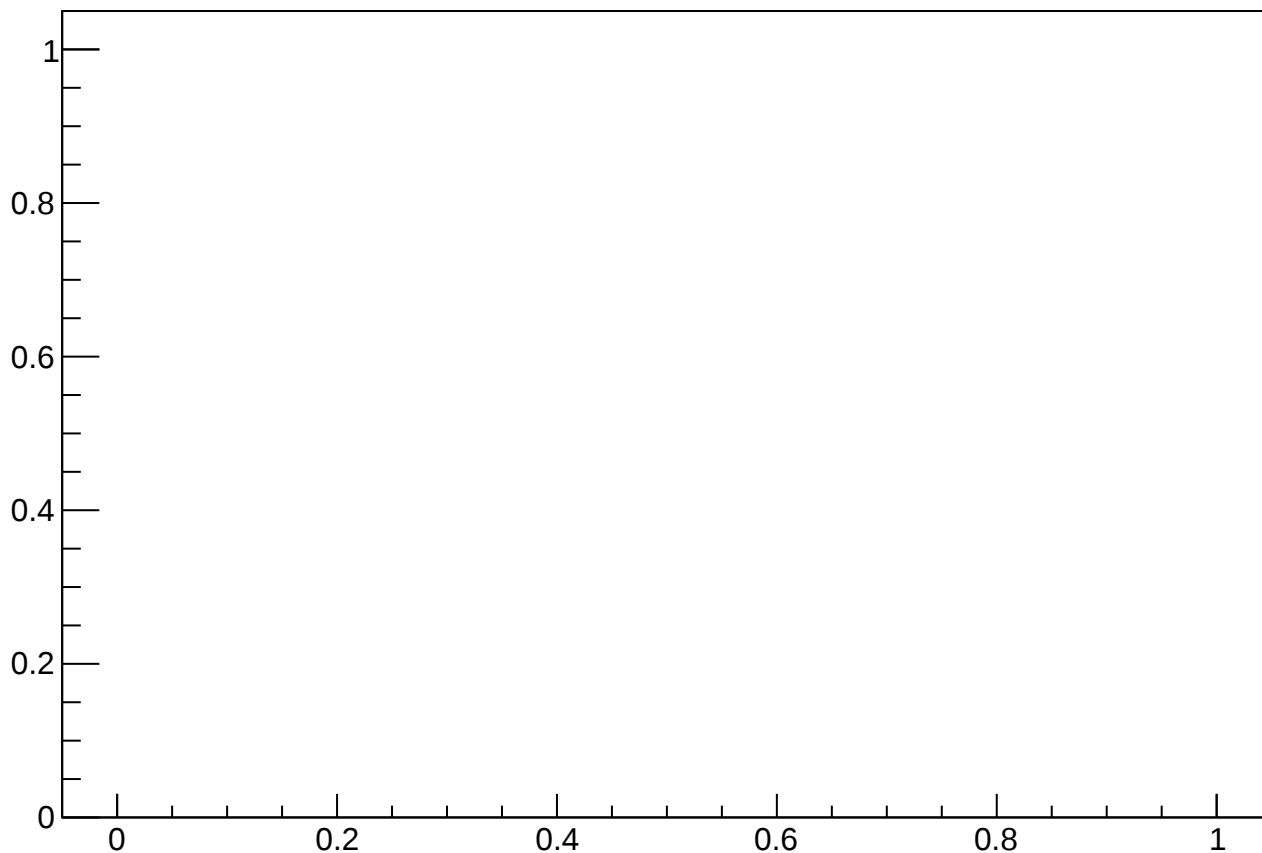
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

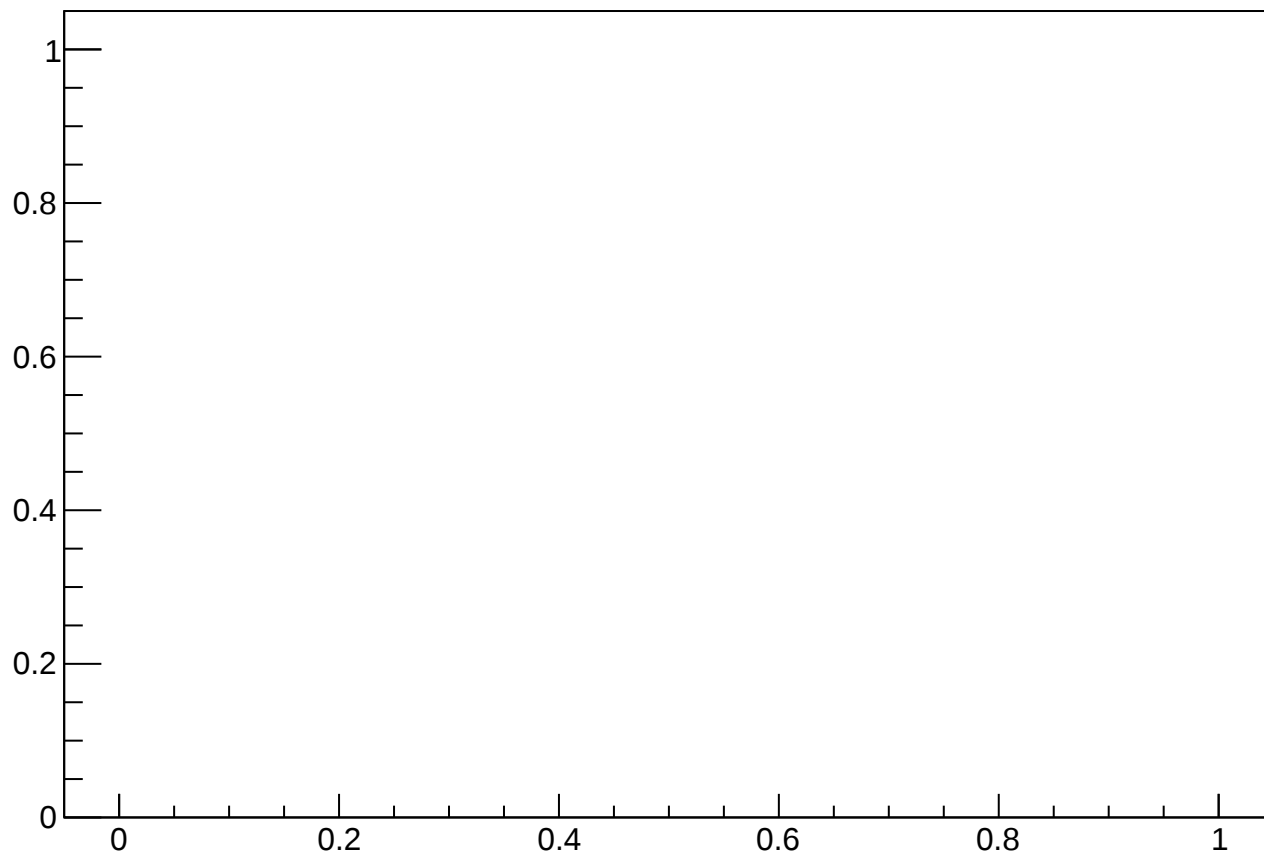
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

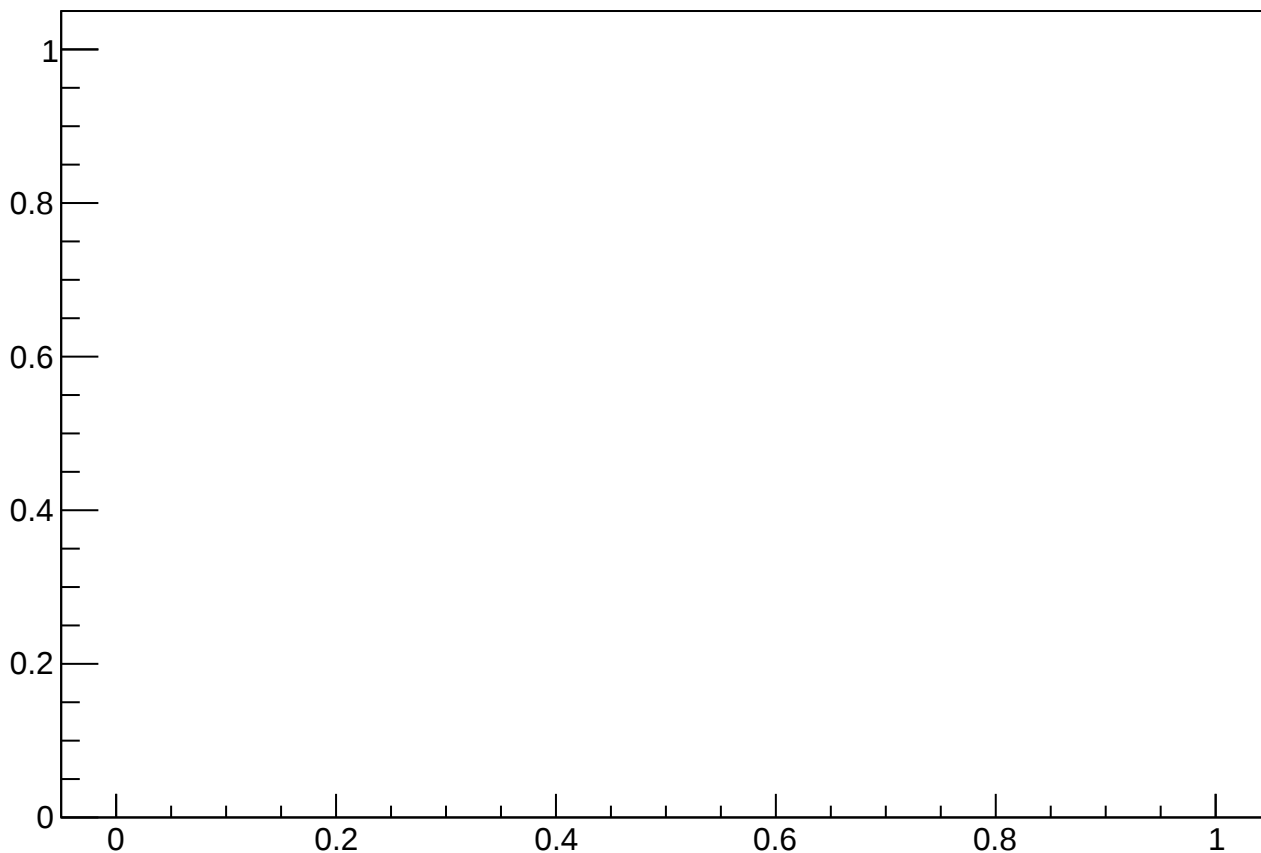
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

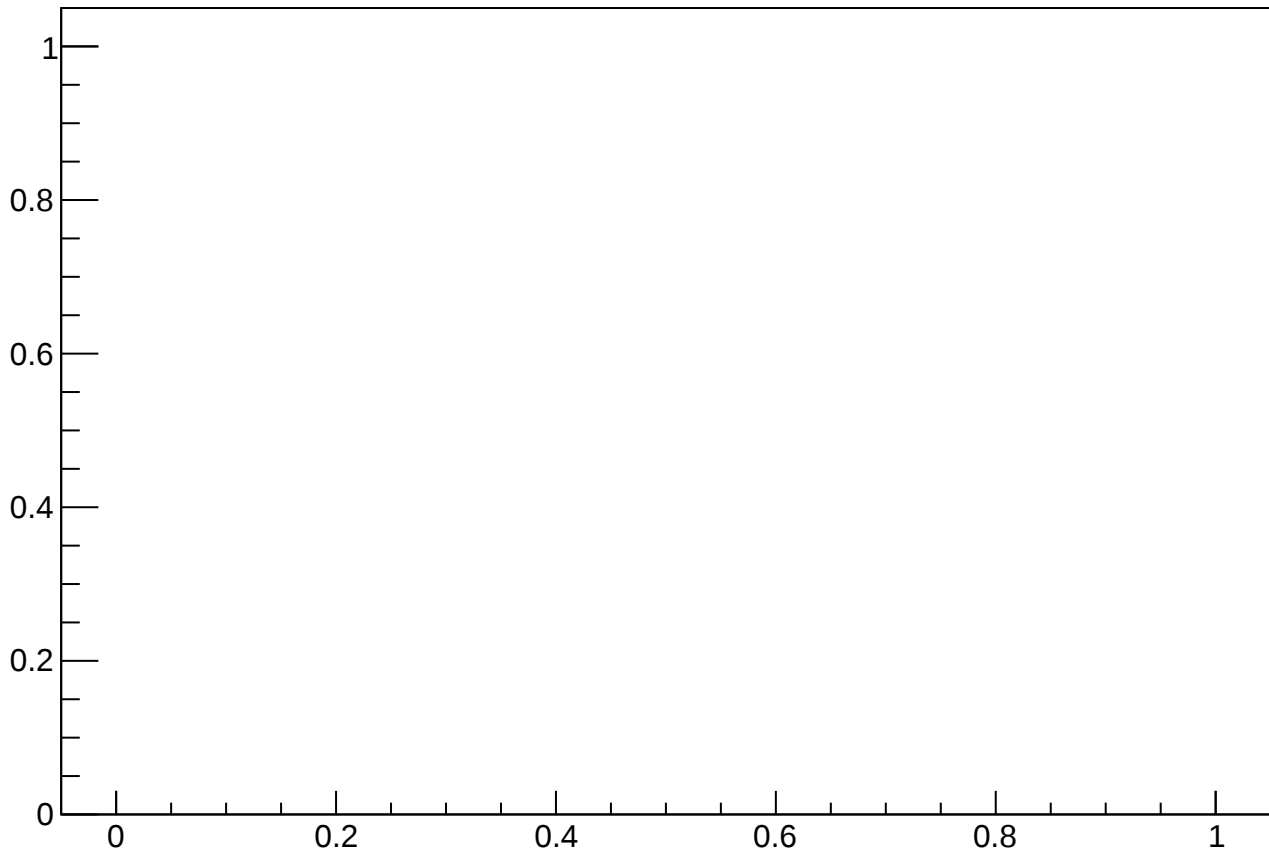
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

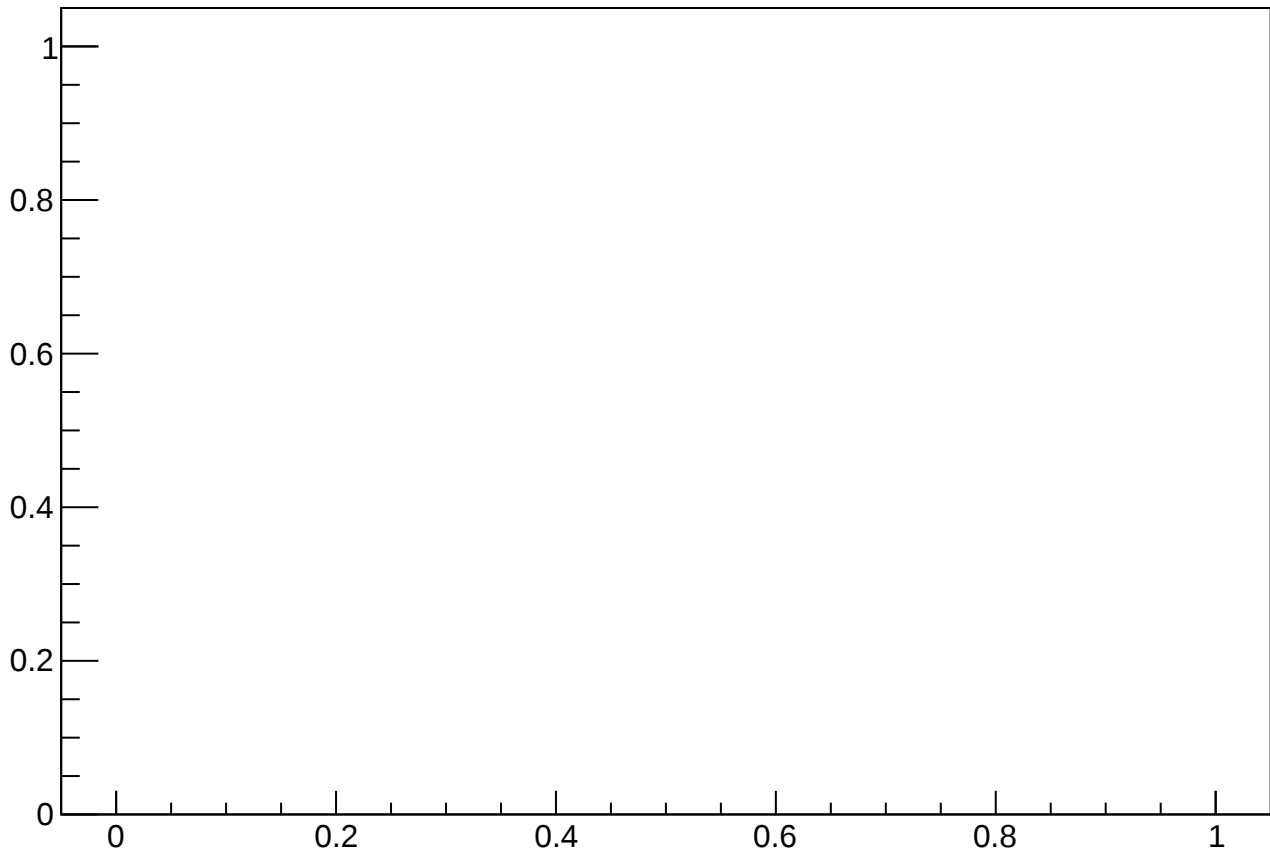
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

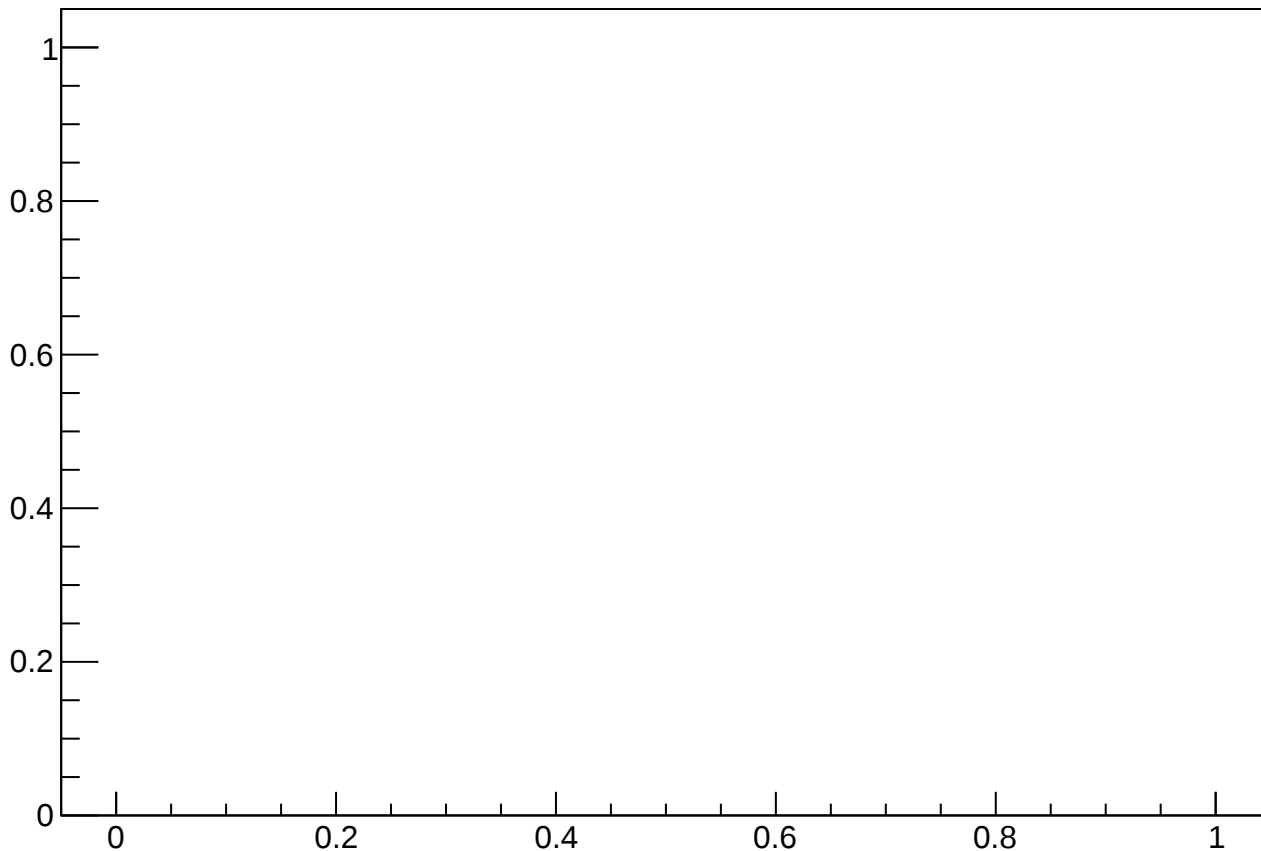
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

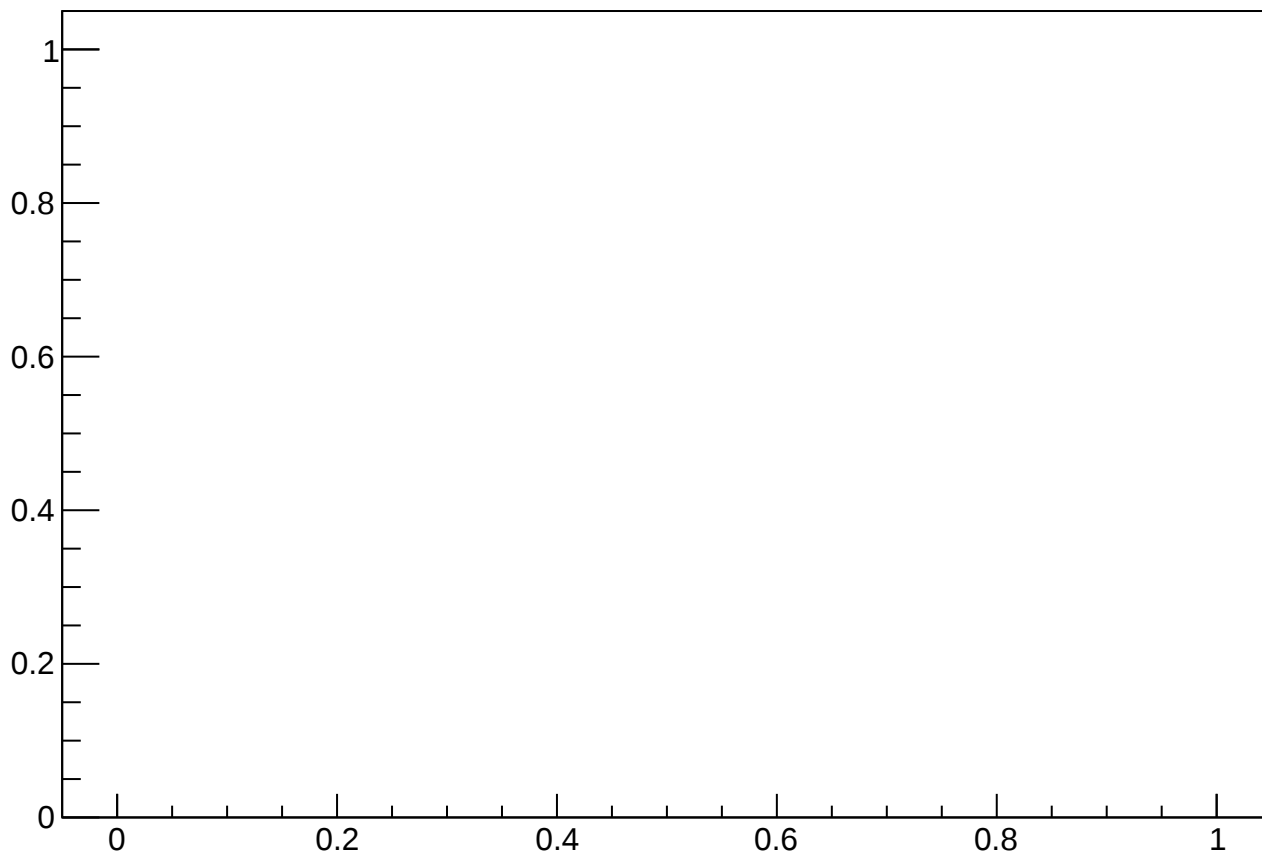
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

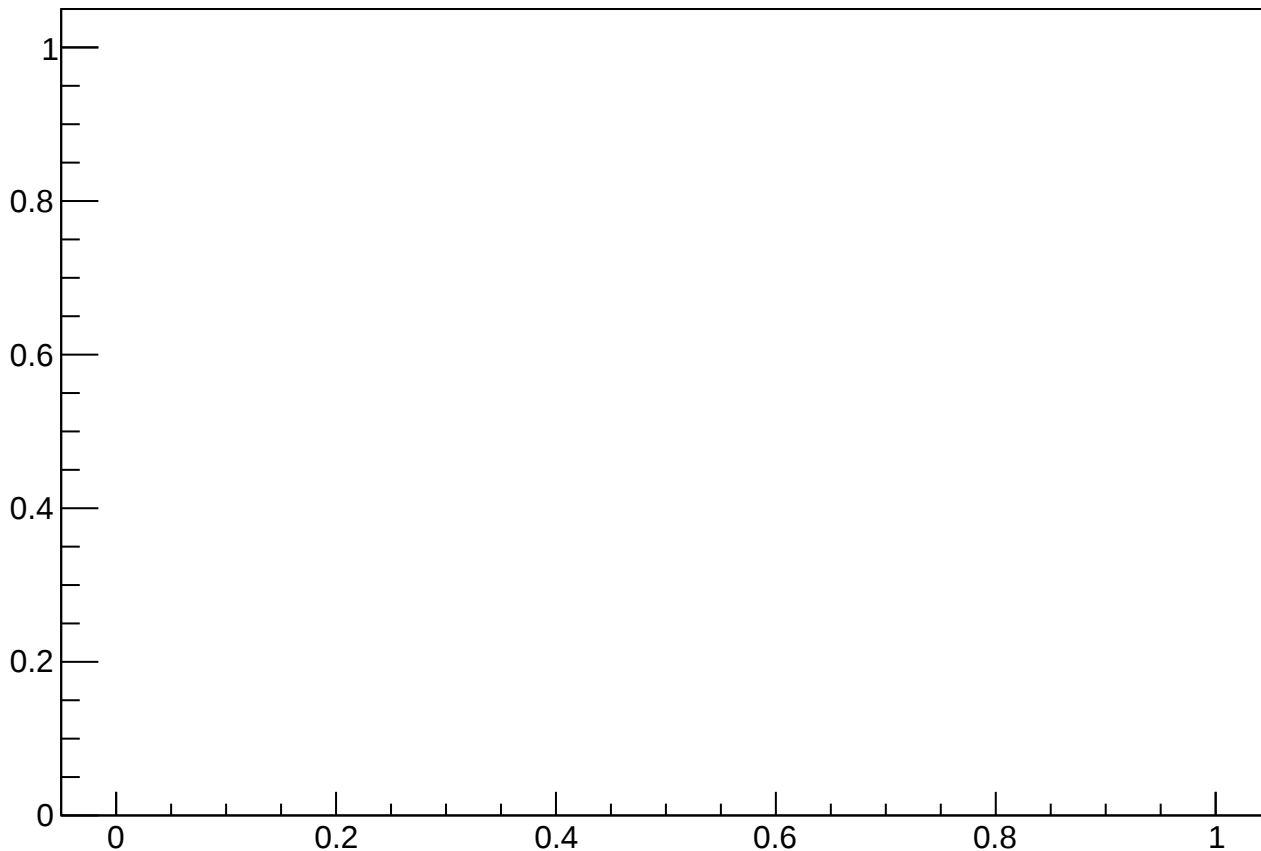
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

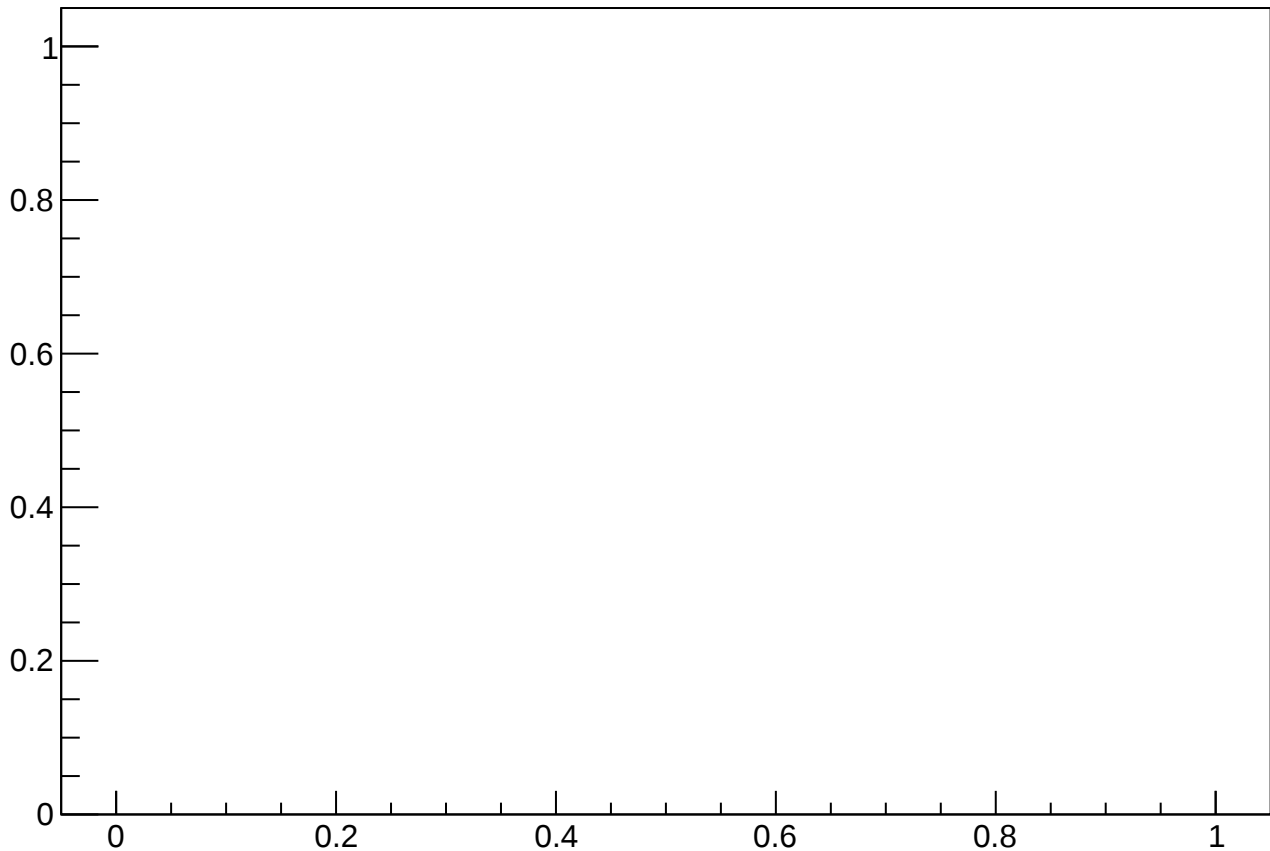
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

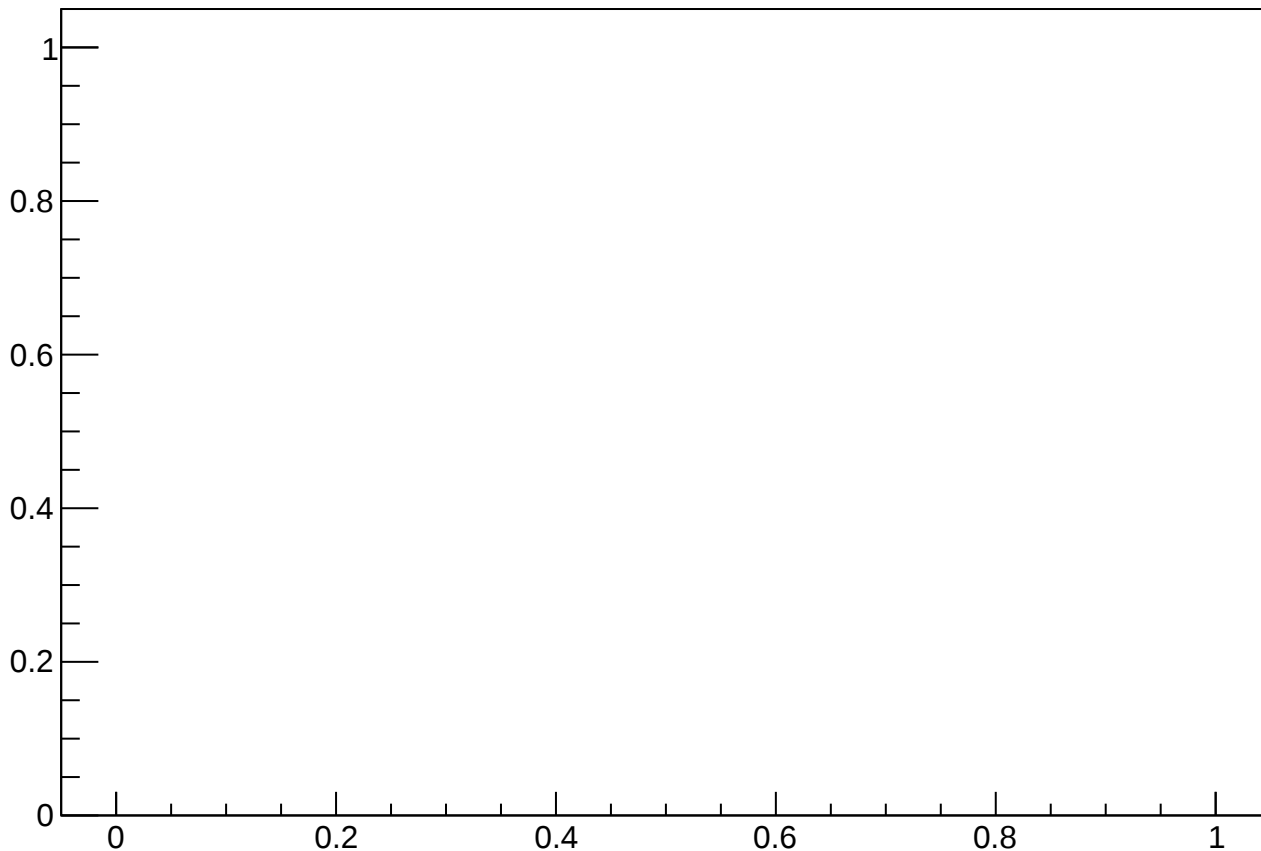
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

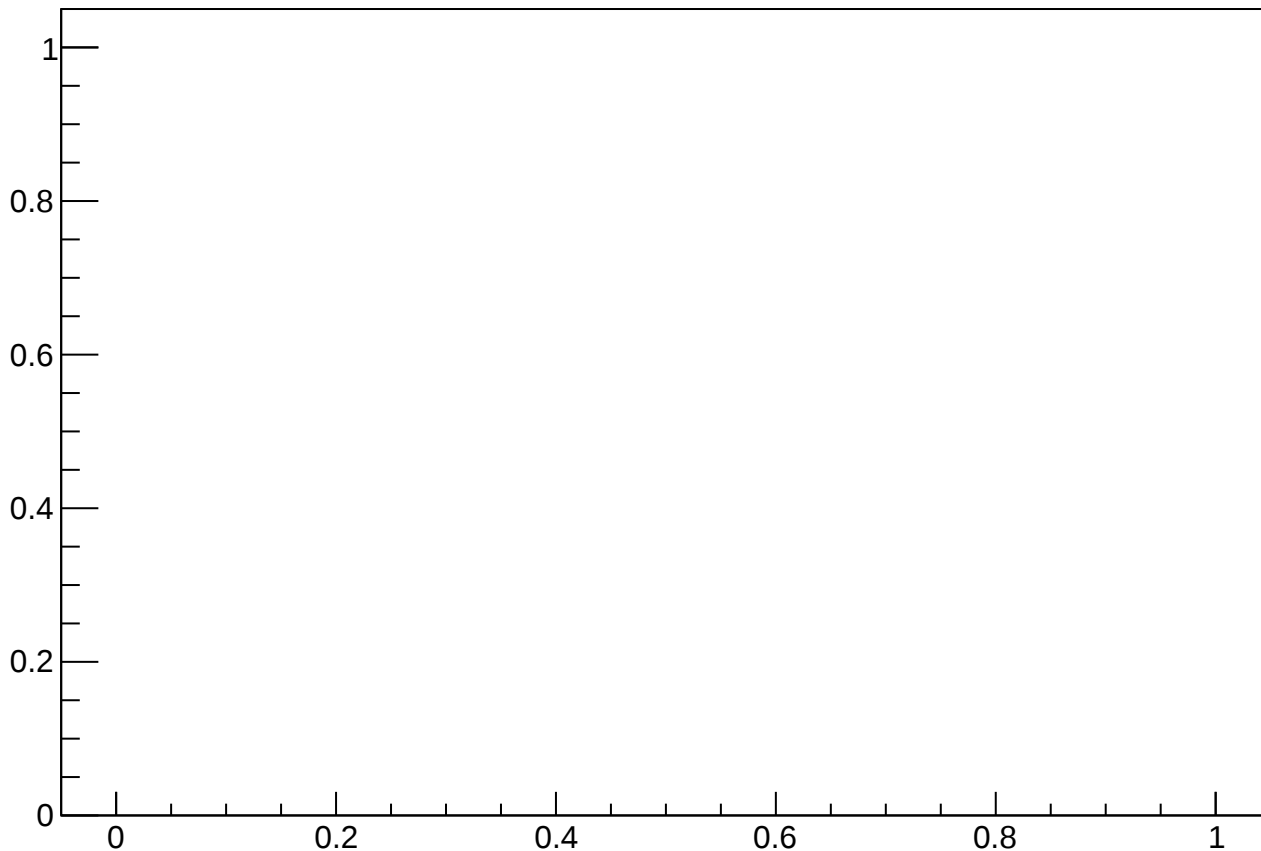
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

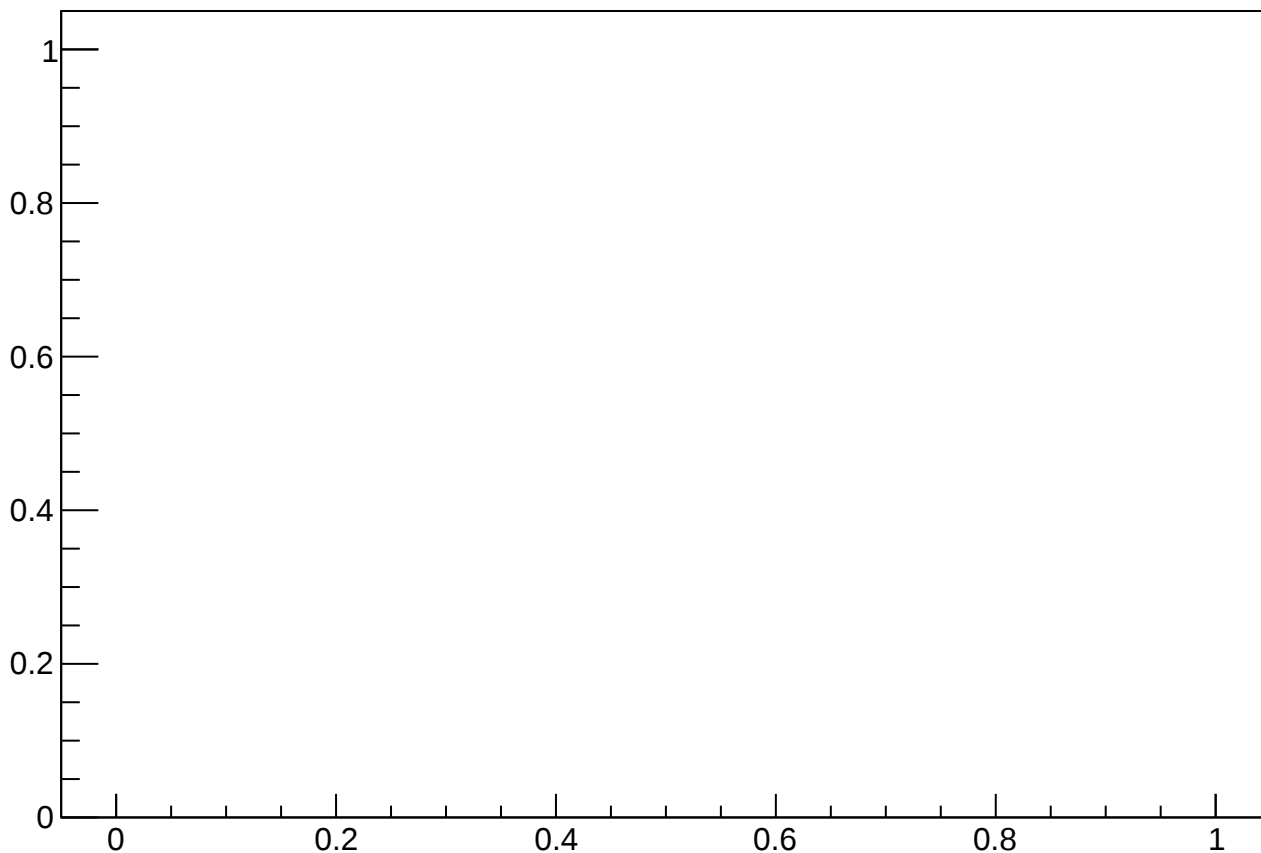
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

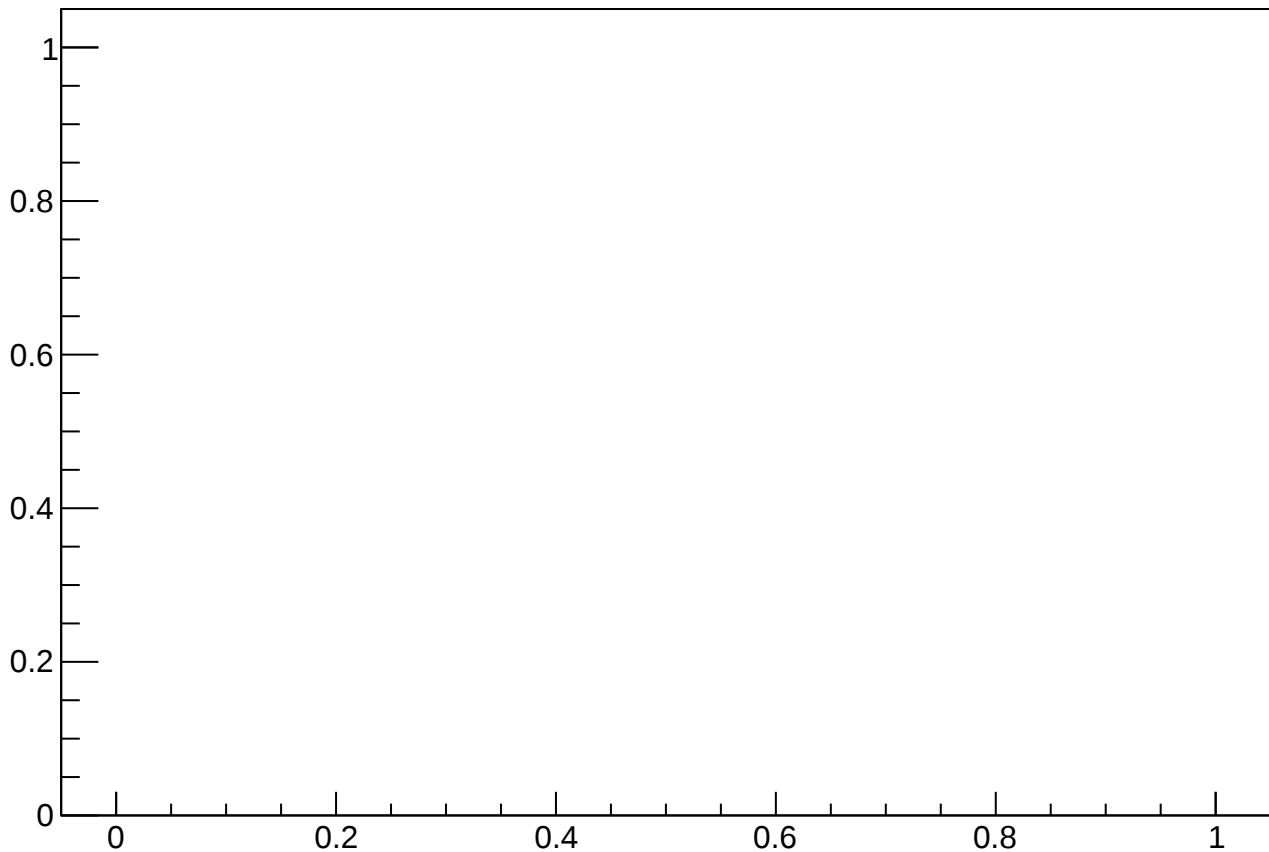
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

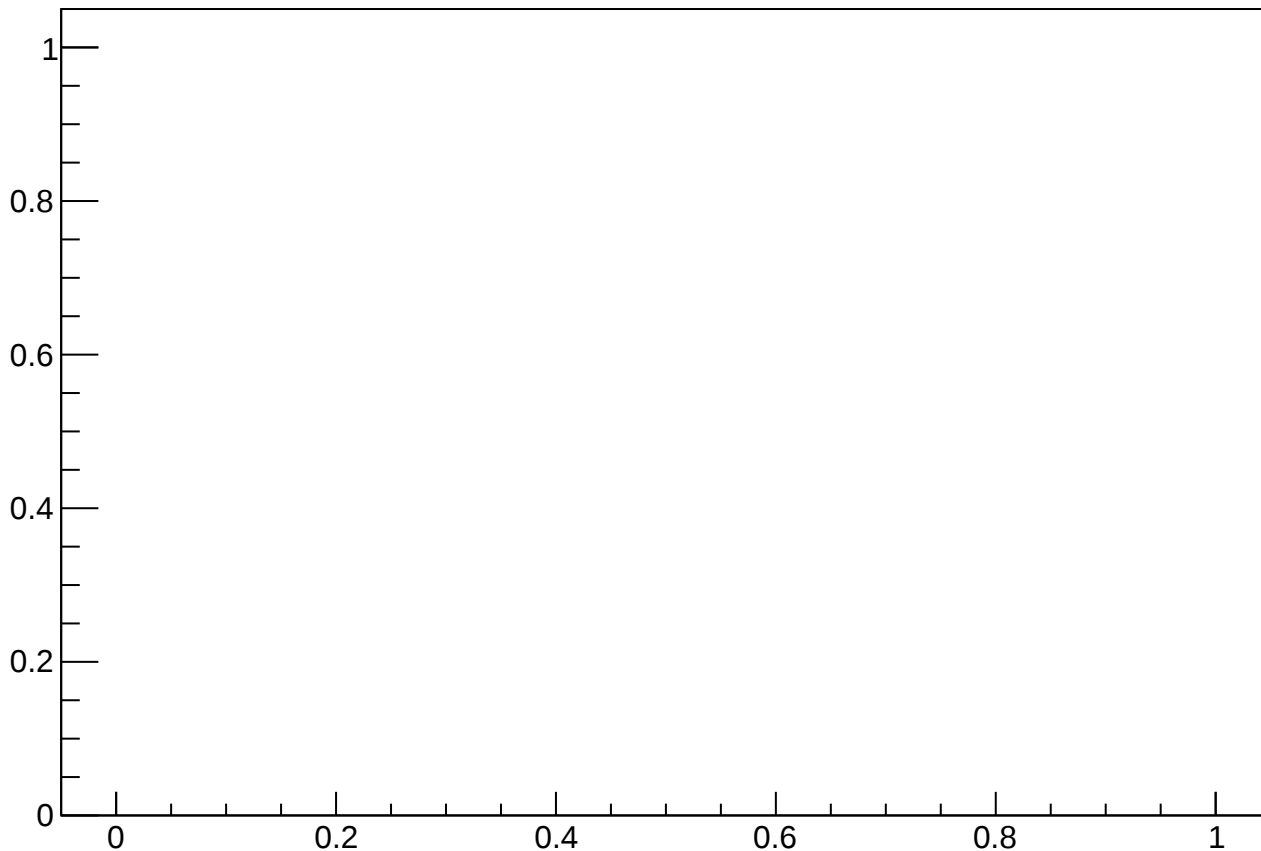
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

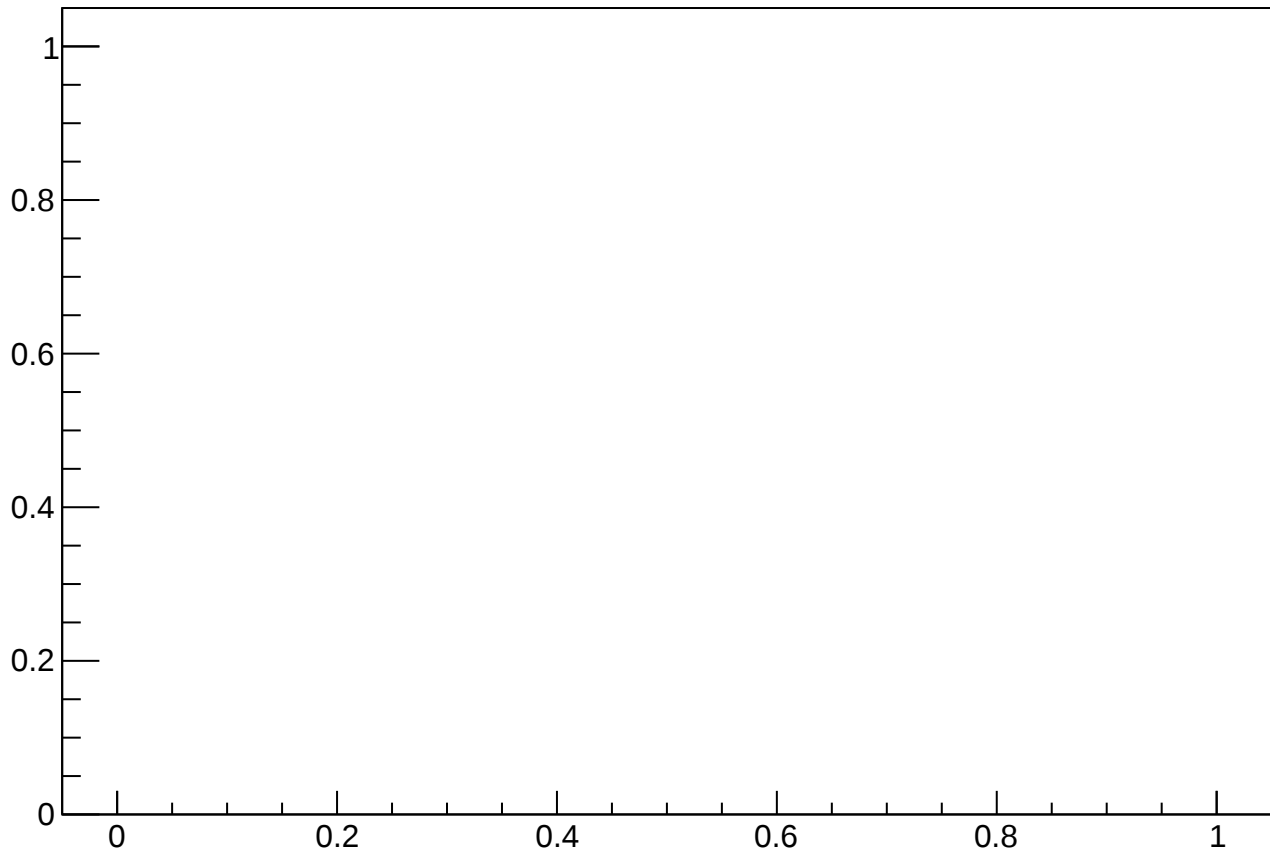
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

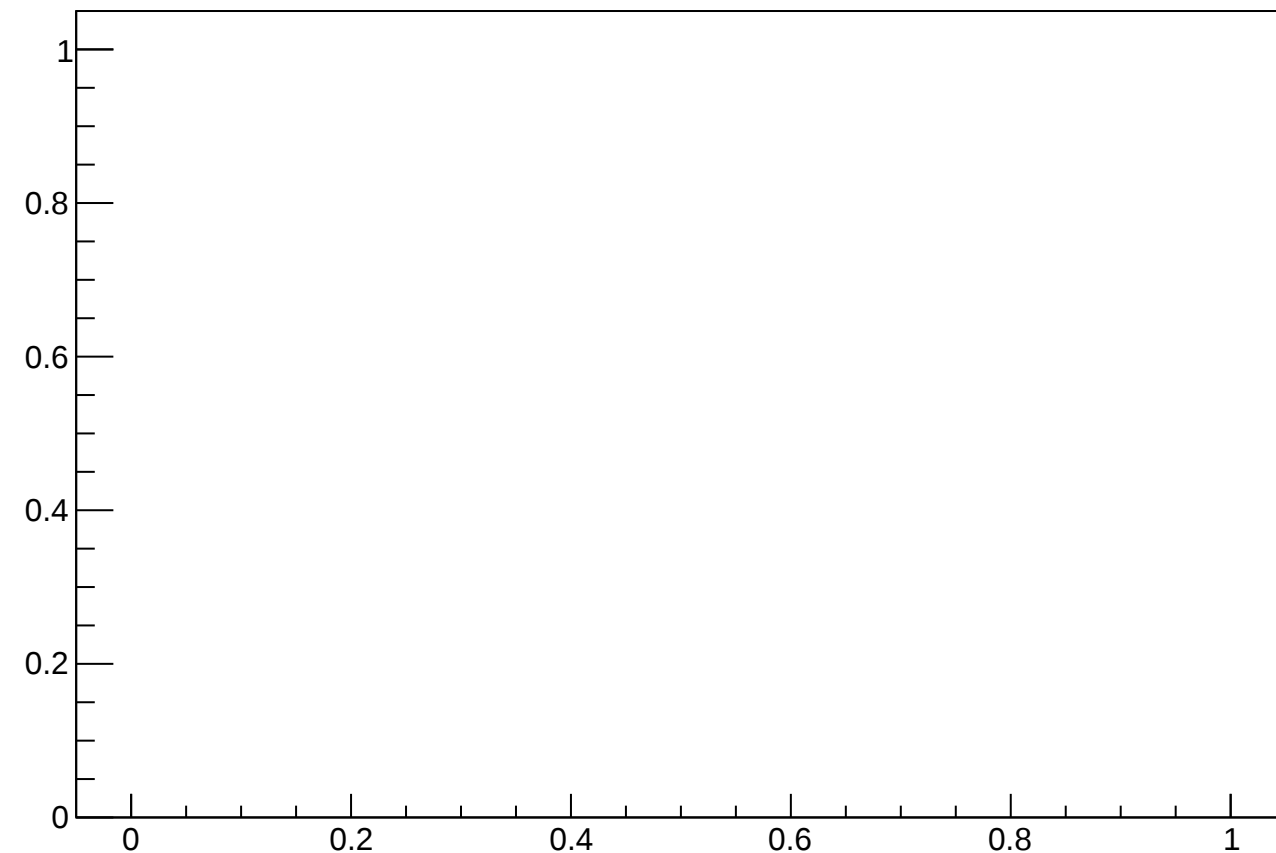
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

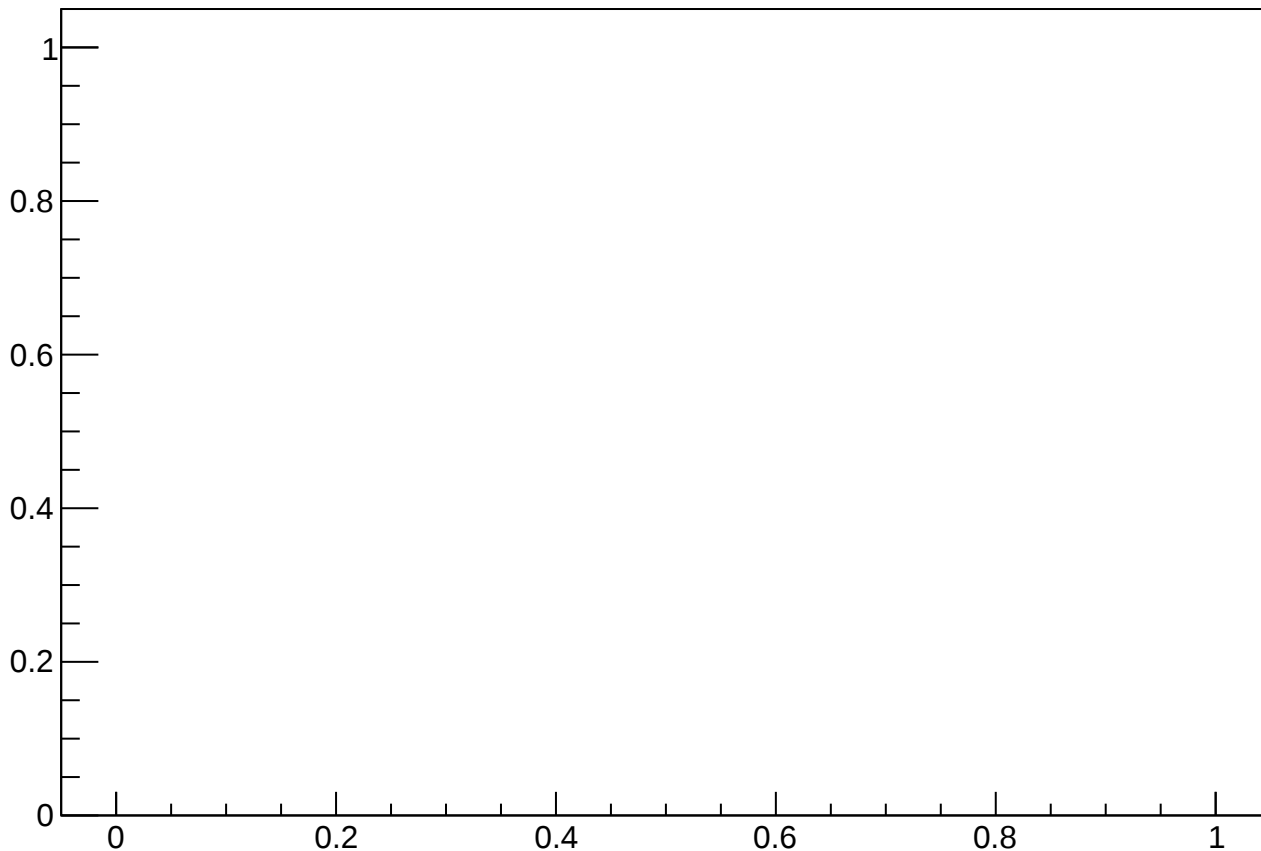
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

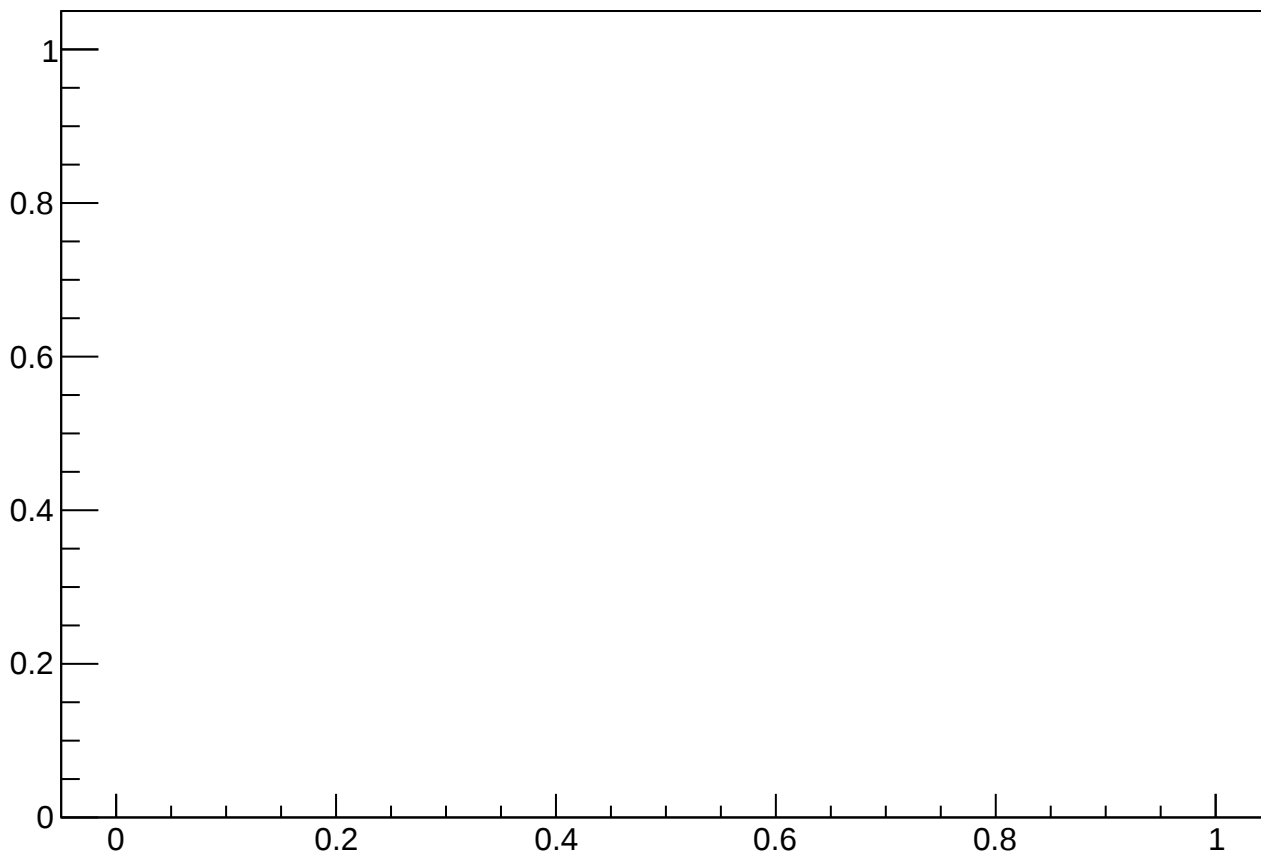
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

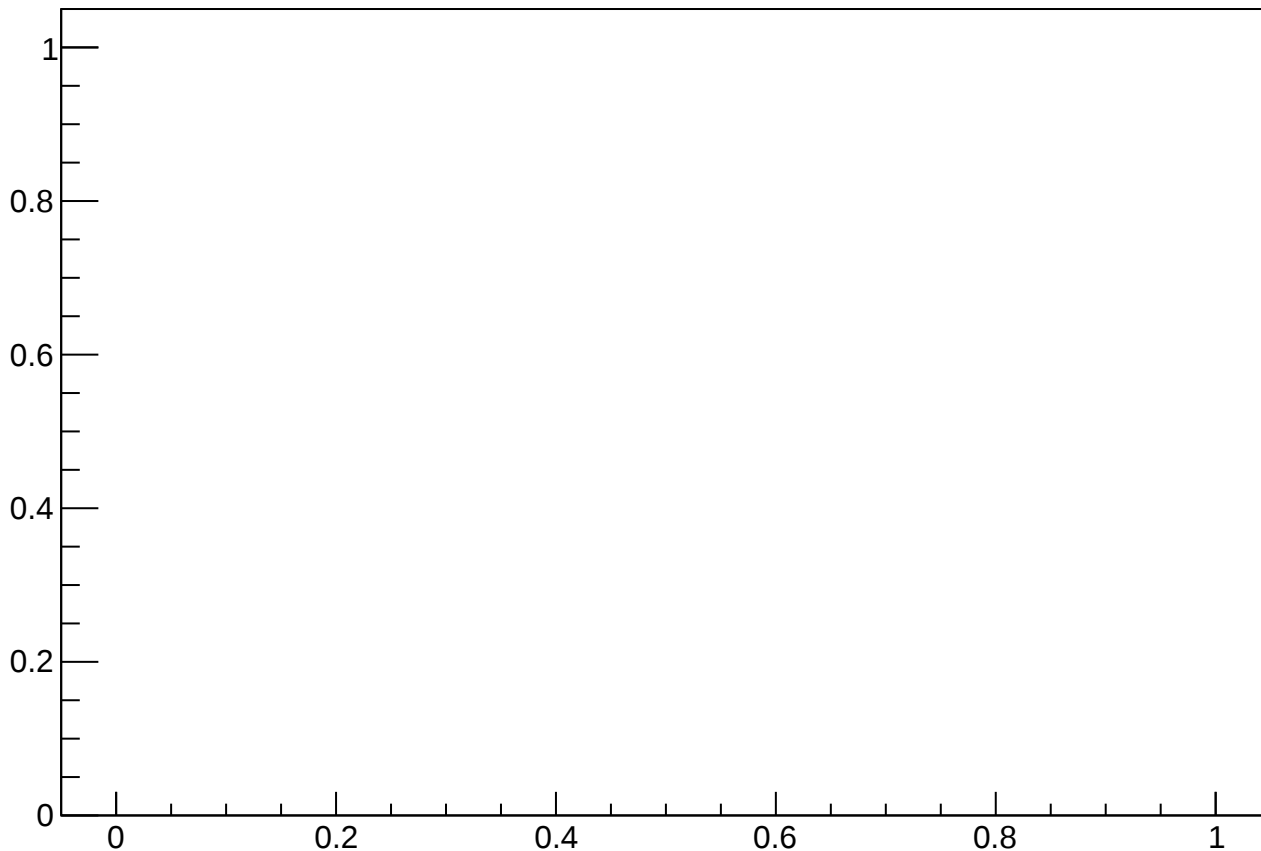
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

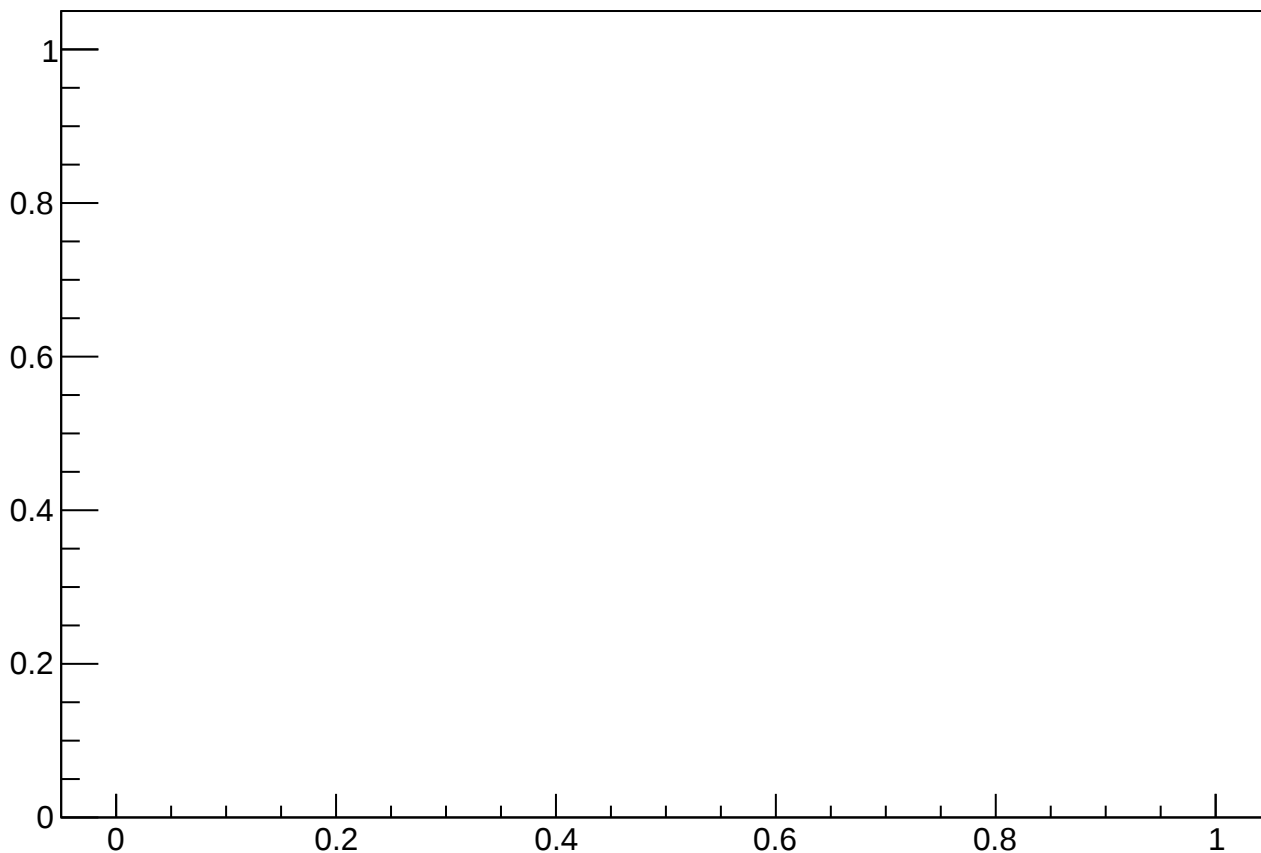
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

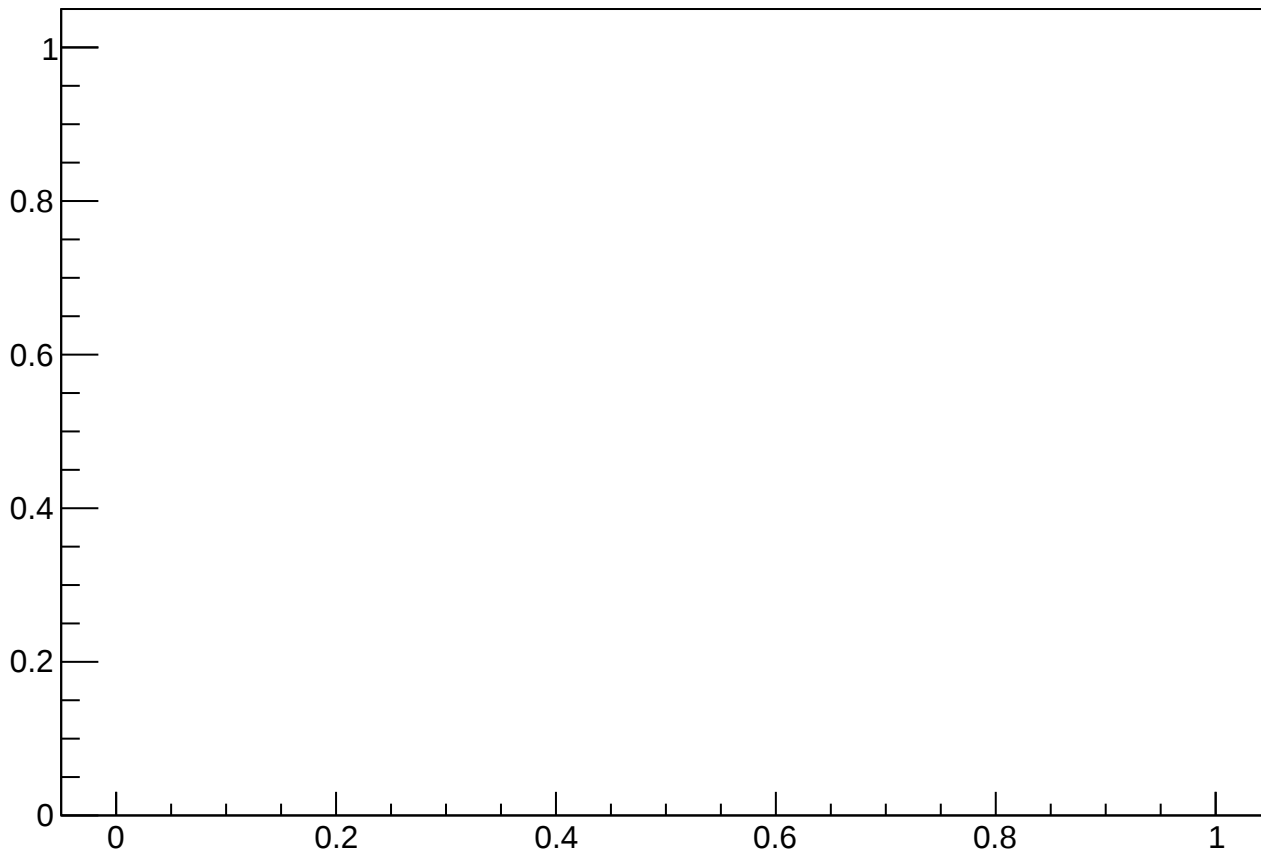
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

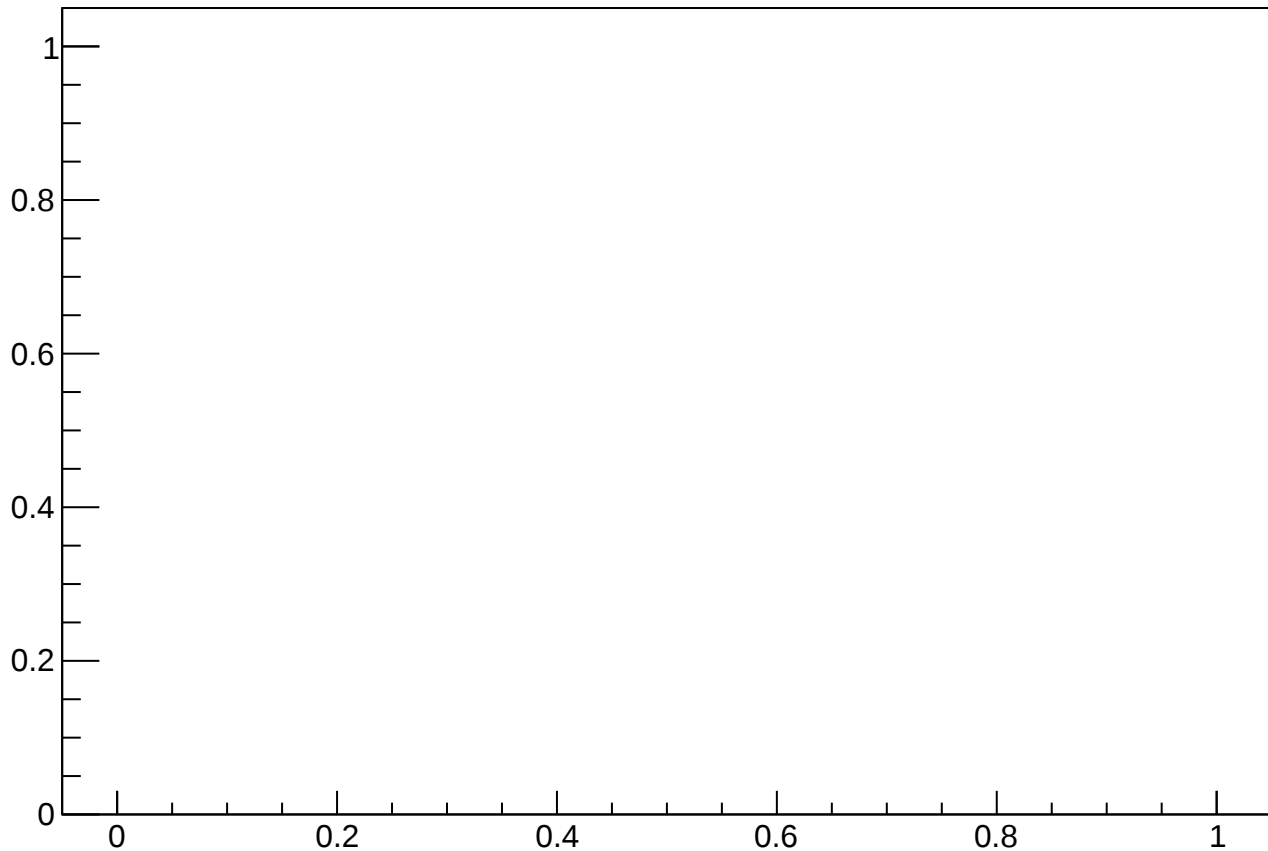
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

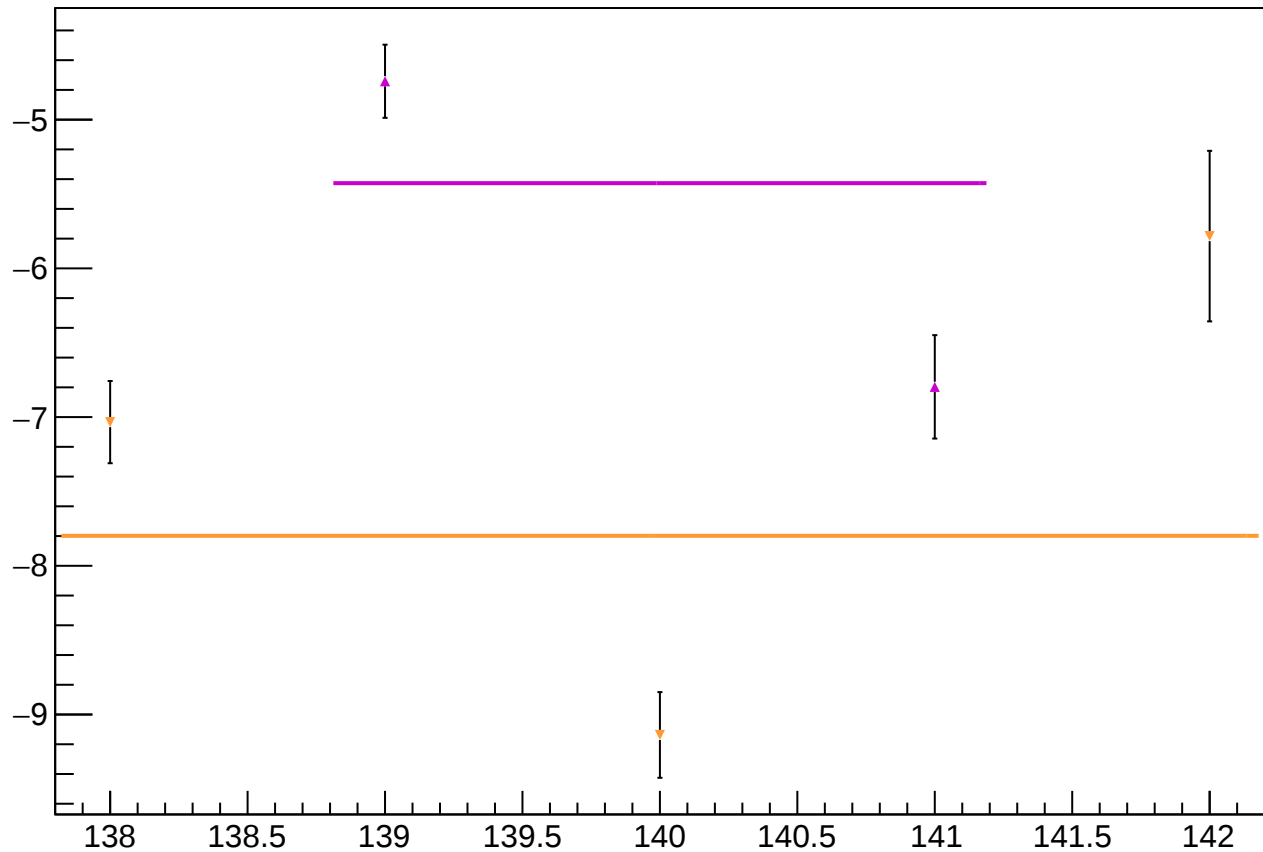
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -7.798+/-0.188 χ^2/NDF : 41.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.427+/-0.201 χ^2/NDF : 23.3/1

Left: -6.688+/-0.137 χ^2/NDF : 139.0/4

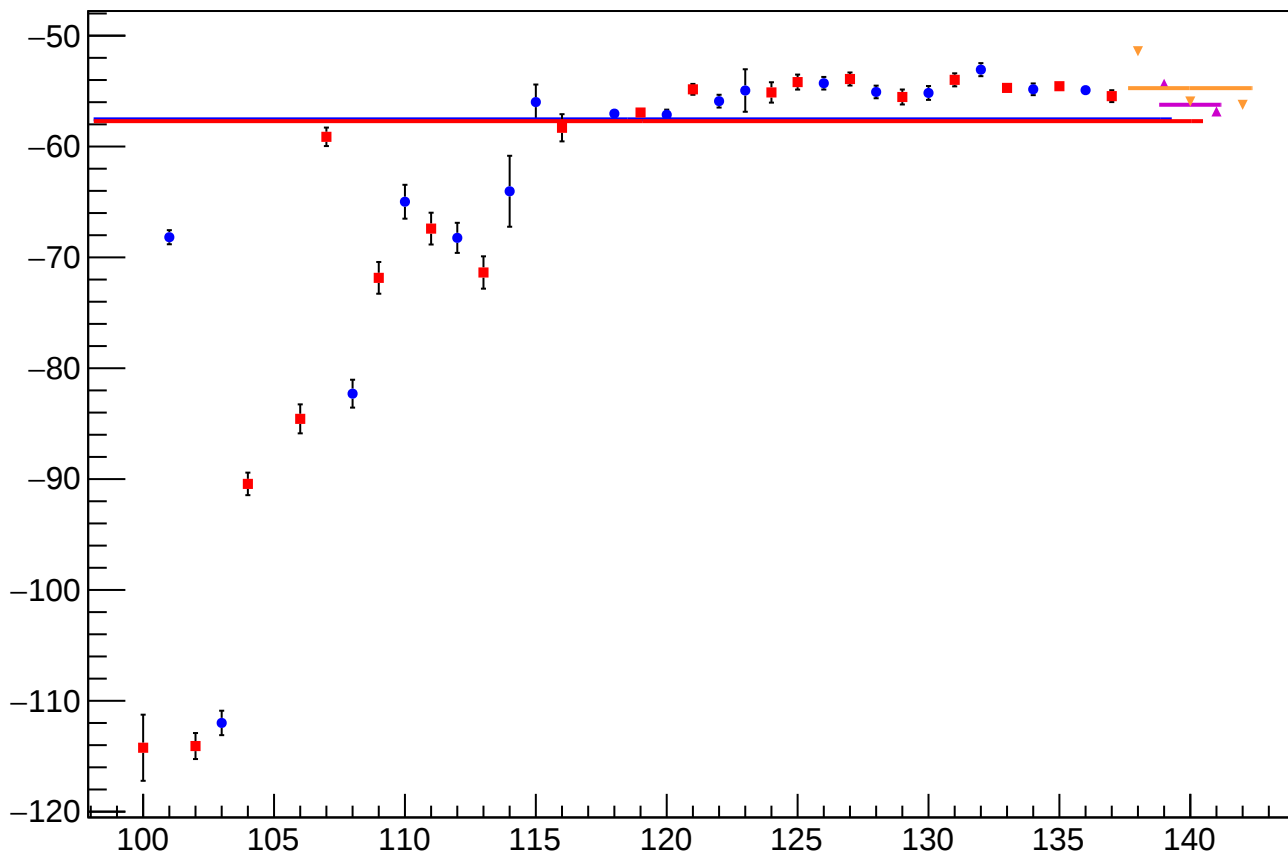
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.427+/-0.201 χ^2/NDF : 23.3/1

Out: -7.798+/-0.188 χ^2/NDF : 41.6/2

All: -6.688+/-0.137 χ^2/NDF : 139.0/4

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549+/-0.142 χ^2/NDF : 3460.4/16

Left Out: -54.733+/-0.171 χ^2/NDF :148.7/2

Right Out: -57.711+/-0.143 χ^2/NDF : 4703.8/18

Left In: -56.232+/-0.219 χ^2/NDF :23.8/1

Left: -55.301+/-0.134 χ^2/NDF : 201.8/4

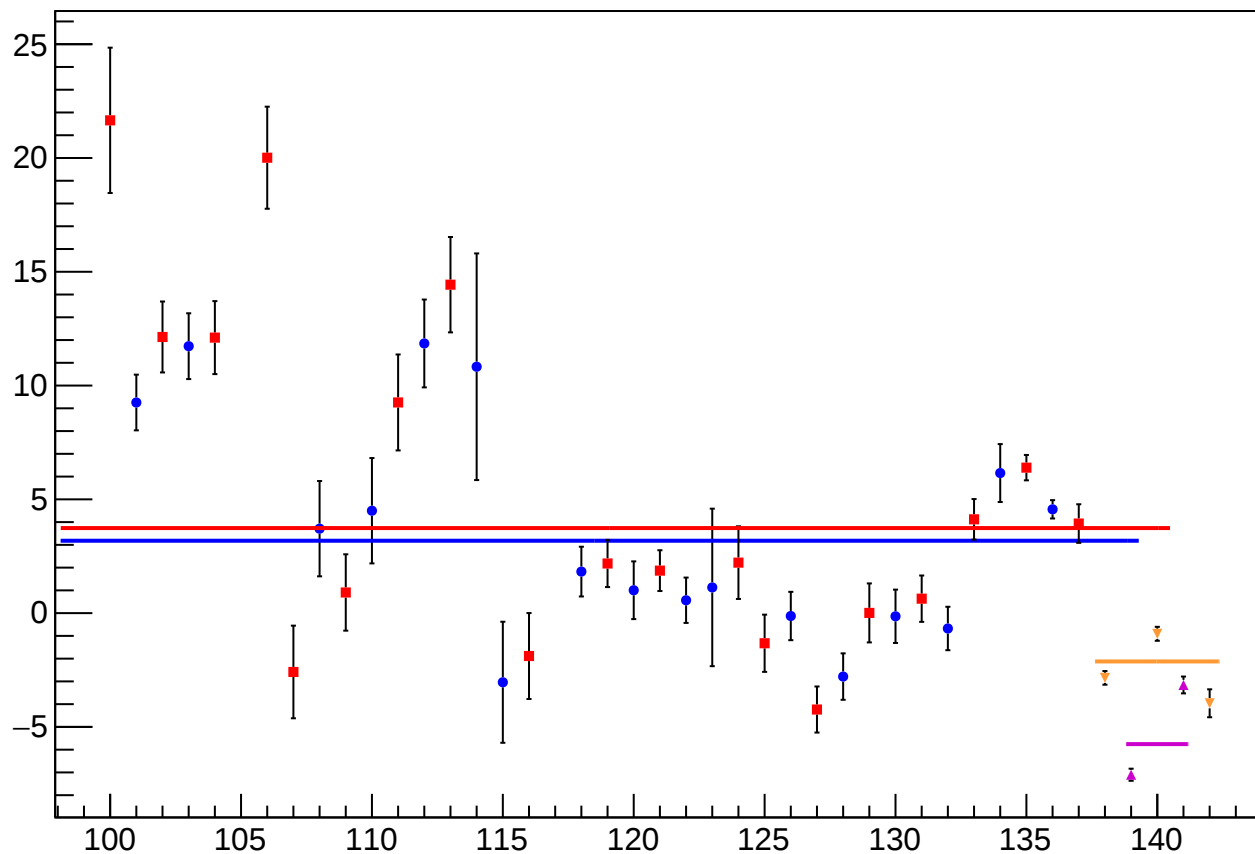
Right: -57.629+/-0.101 χ^2/NDF : 8164.8/35

In: -57.160+/-0.119 χ^2/NDF :3509.8/18

Out: -56.484+/-0.109 χ^2/NDF :5031.7/21

All: -56.794+/-0.081 χ^2/NDF : 8559.0/40

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -2.123 ± 0.203 χ^2/NDF : 30.4/2

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -5.756 ± 0.216 χ^2/NDF : 75.0/1

Left: -3.823 ± 0.148 χ^2/NDF : 255.8/4

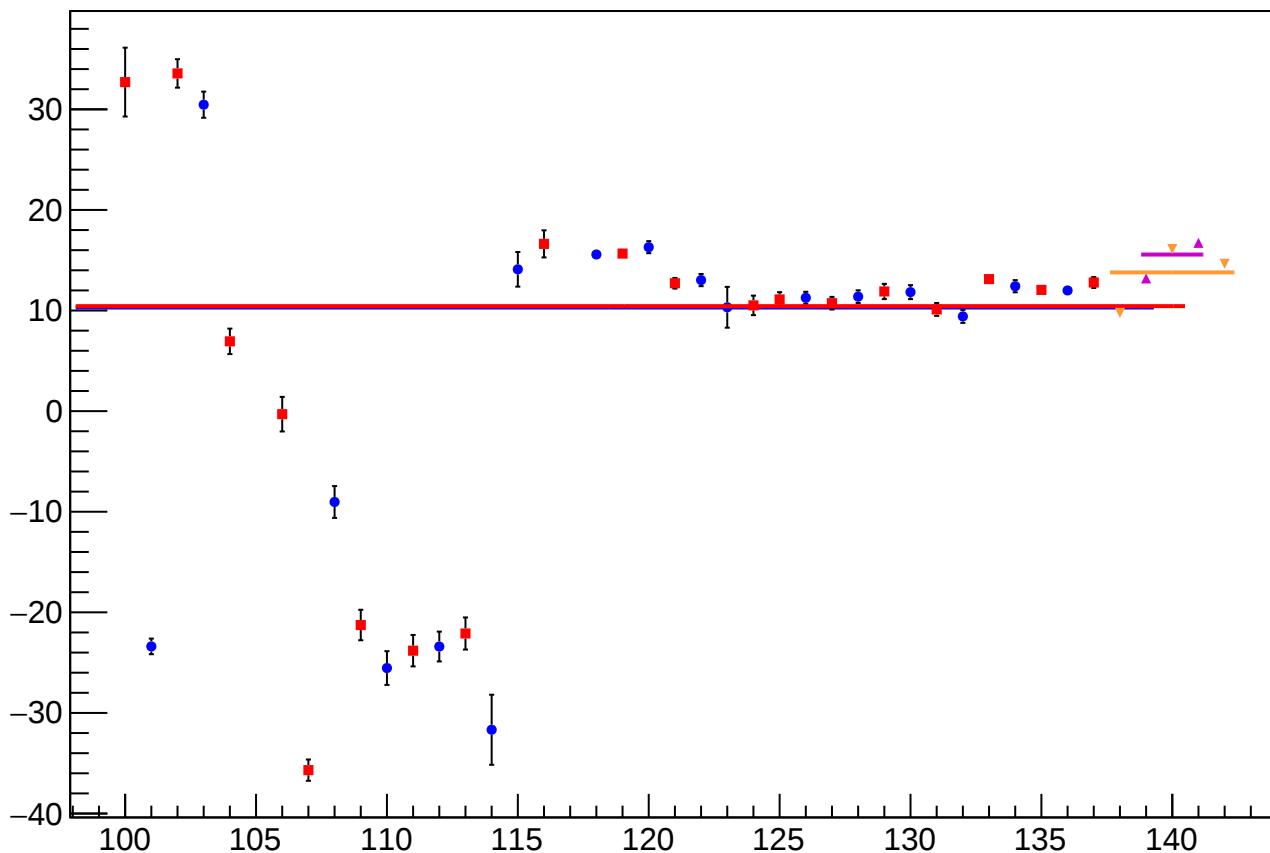
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -2.072 ± 0.166 χ^2/NDF : 965.6/18

Out: 0.019 ± 0.161 χ^2/NDF : 657.3/21

All: -0.999 ± 0.116 χ^2/NDF : 1704.6/40

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.790+/-0.199 χ^2/NDF :197.6/2

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 15.566+/-0.246 χ^2/NDF :45.8/1

Left: 14.495+/-0.155 χ^2/NDF : 274.9/4

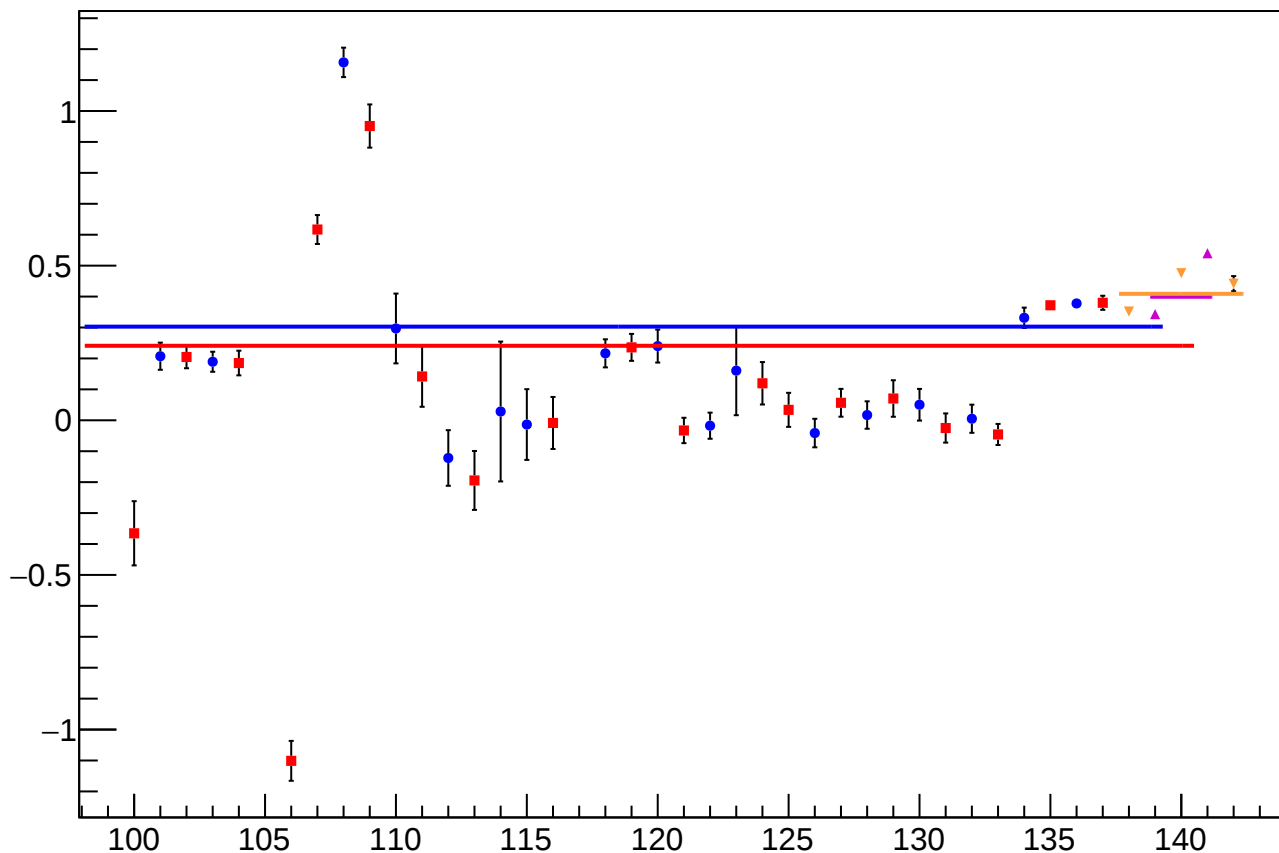
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 11.826+/-0.132 χ^2/NDF :4071.1/18

Out: 11.747+/-0.125 χ^2/NDF :4198.6/21

All: 11.784+/-0.091 χ^2/NDF : 8269.9/40

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303+/-0.008 χ^2/NDF : 647.2/16

Left Out: 0.409+/-0.008 χ^2/NDF : 51.7/2

Right Out: 0.241+/-0.008 χ^2/NDF : 988.9/18

Left In: 0.399+/-0.008 χ^2/NDF : 125.3/1

Left: 0.404+/-0.006 χ^2/NDF : 177.7/4

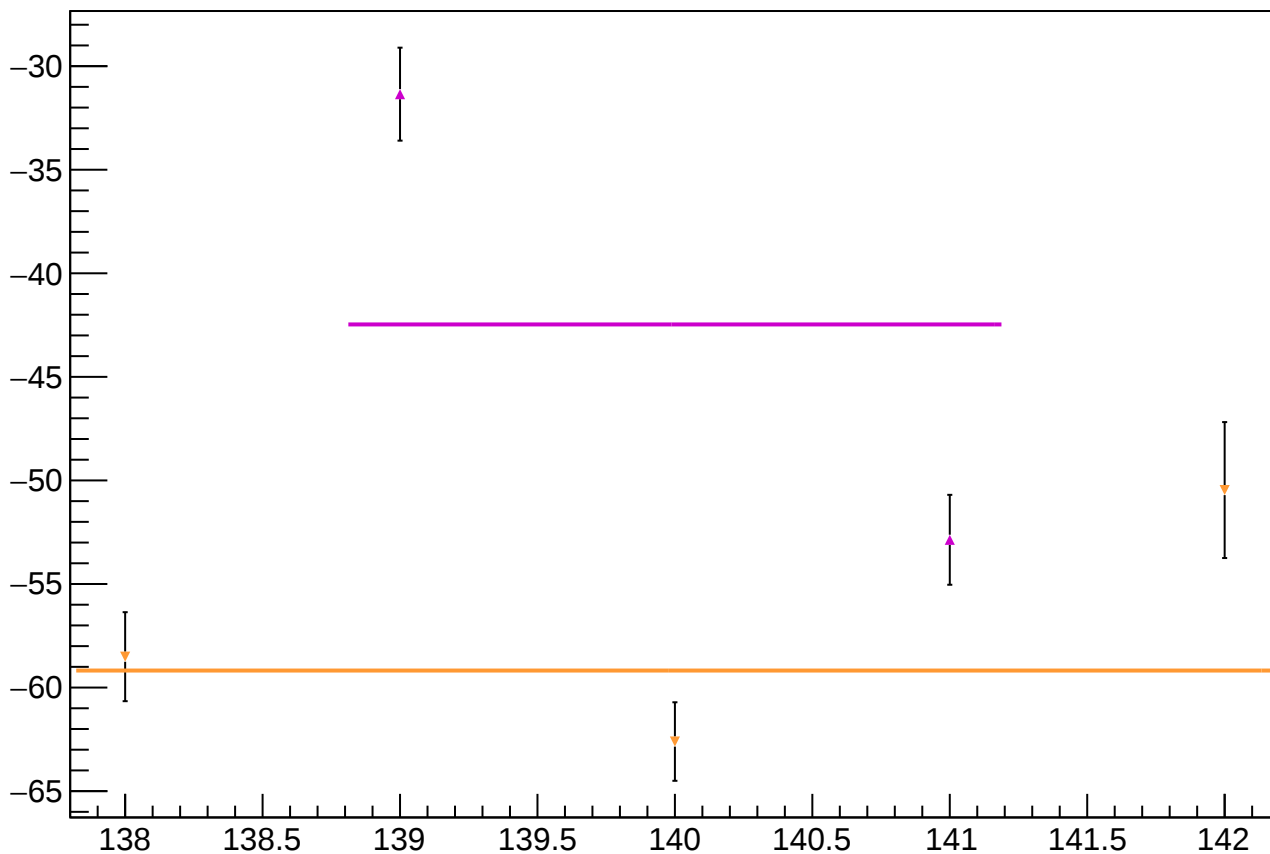
Right: 0.273+/-0.006 χ^2/NDF : 1663.5/35

In: 0.353+/-0.006 χ^2/NDF : 844.1/18

Out: 0.328+/-0.006 χ^2/NDF : 1242.9/21

All: 0.341+/-0.004 χ^2/NDF : 2096.2/40

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.178+/-1.304 χ^2/NDF :10.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.469+/-1.560 χ^2/NDF :47.5/1

Left: -52.305+/-1.001 χ^2/NDF : 125.4/4

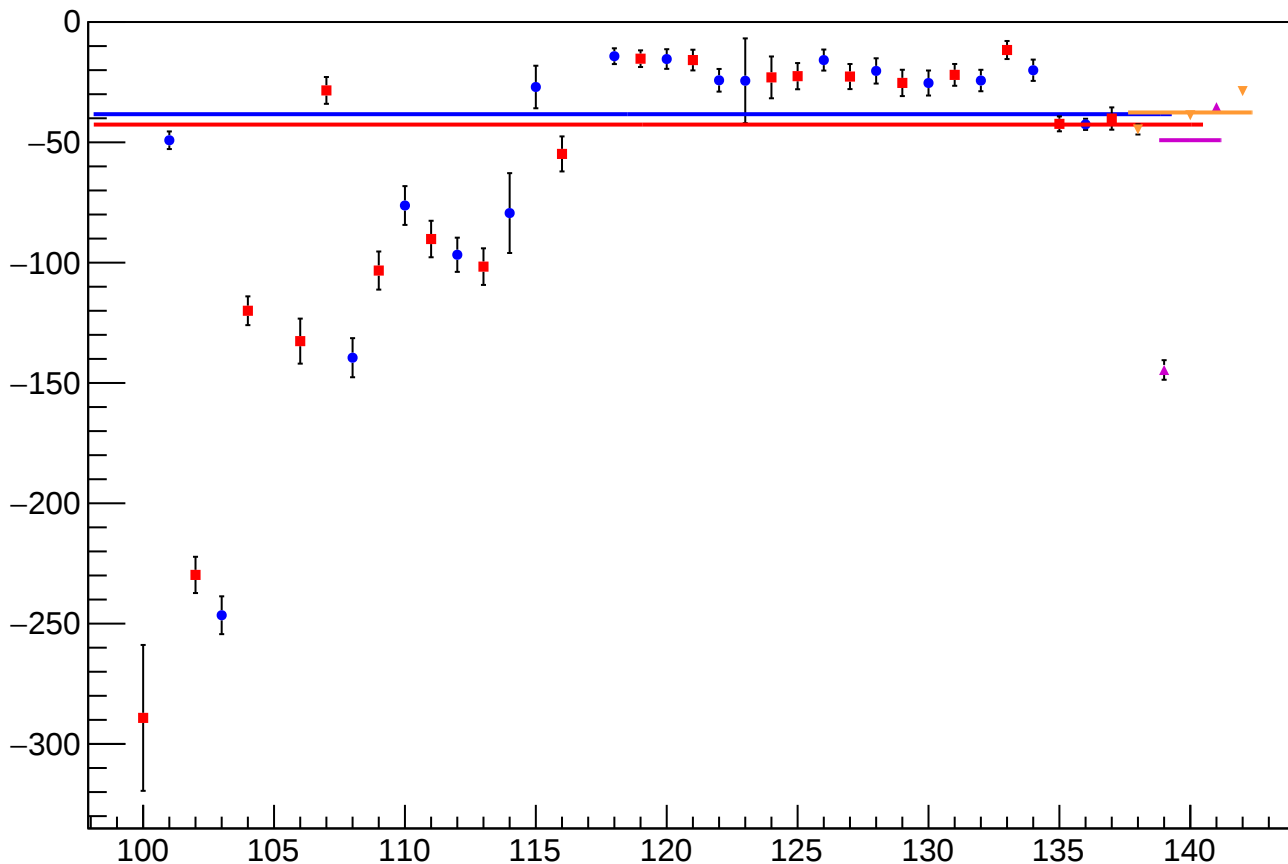
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.469+/-1.560 χ^2/NDF :47.5/1

Out: -59.178+/-1.304 χ^2/NDF :10.4/2

All: -52.305+/-1.001 χ^2/NDF : 125.4/4

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304+/-1.138 χ^2/NDF : 1132.8/16

Left Out: -37.590+/-1.068 χ^2/NDF : 30.2/2

Right Out: -42.624+/-1.209 χ^2/NDF : 1344.4/18

Left In: -49.110+/-1.443 χ^2/NDF : 629.1/1

Left: -41.668+/-0.859 χ^2/NDF : 700.4/4

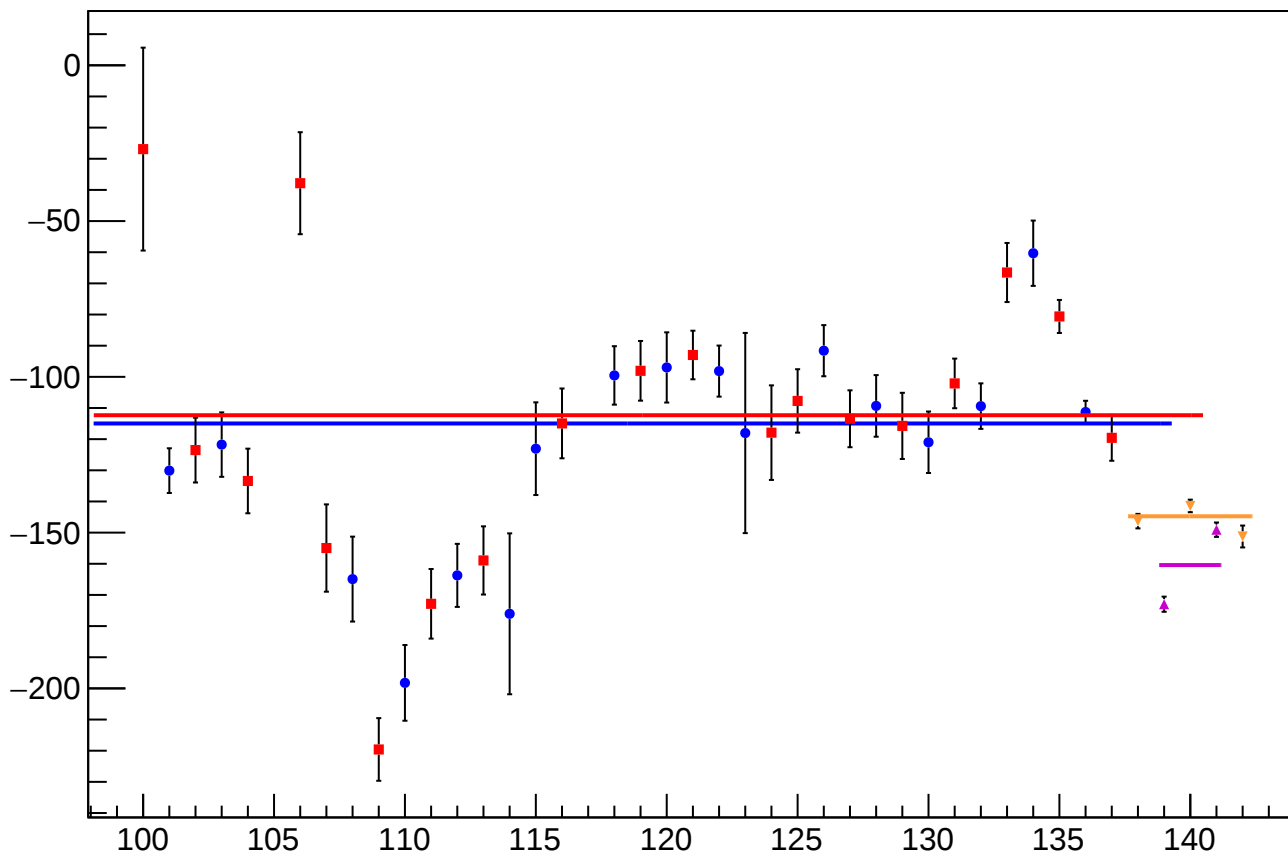
Right: -40.334+/-0.829 χ^2/NDF : 2483.9/35

In: -42.447+/-0.894 χ^2/NDF : 1796.4/18

Out: -39.798+/-0.800 χ^2/NDF : 1384.3/21

All: -40.977+/-0.596 χ^2/NDF : 3185.6/40

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2 /NDF: 141.4/16

Left Out: -144.752 $\pm$ 1.399 χ^2 /NDF:6.6/2

Right Out: -112.320 $\pm$ 2.205 χ^2 /NDF: 274.0/18

Left In: -160.415 $\pm$ 1.673 χ^2 /NDF:51.0/1

Left: -151.199 $\pm$ 1.073 χ^2 /NDF: 109.1/4

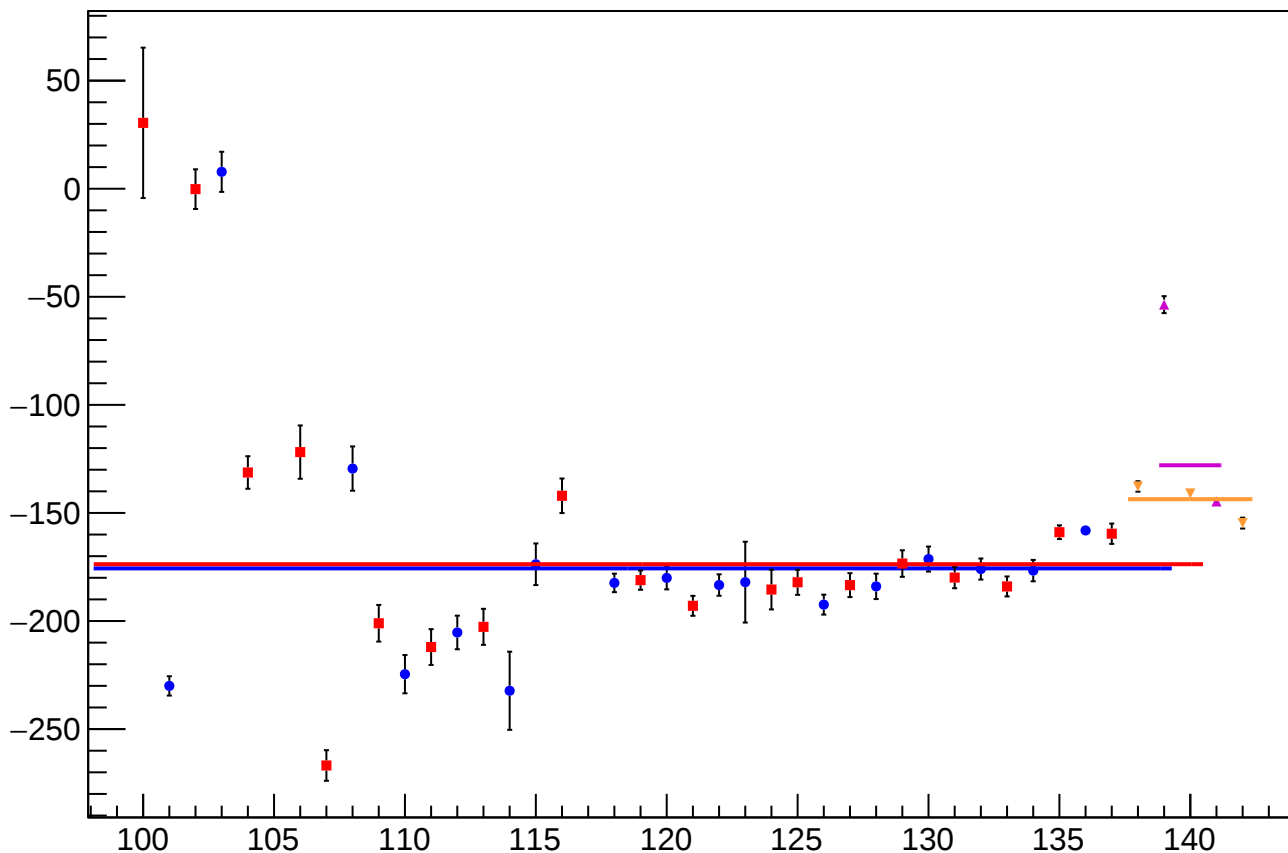
Right: -113.725 $\pm$ 1.511 χ^2 /NDF: 416.2/35

In: -142.510 $\pm$ 1.302 χ^2 /NDF:483.2/18

Out: -135.445 $\pm$ 1.181 χ^2 /NDF:434.8/21

All: -138.634 $\pm$ 0.875 χ^2 /NDF: 934.2/40

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.626 ± 1.276 χ^2/NDF : 27.3/2

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -127.946 ± 1.681 χ^2/NDF : 440.0/1

Left: -137.894 ± 1.016 χ^2/NDF : 522.6/4

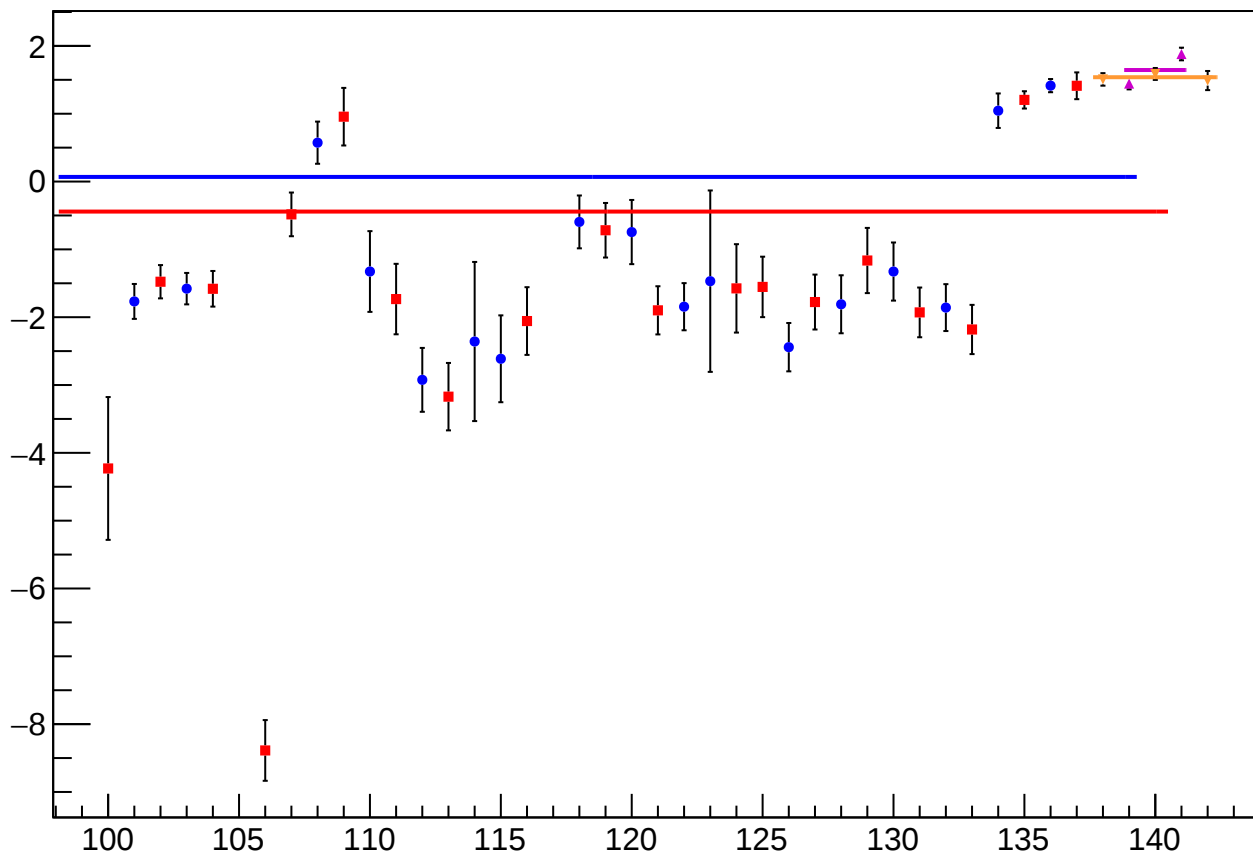
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -158.328 ± 1.013 χ^2/NDF : 1645.2/18

Out: -157.775 ± 0.929 χ^2/NDF : 1026.9/21

All: -158.028 ± 0.684 χ^2/NDF : 2672.2/40

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.538 $\pm$ 0.058 χ^2 /NDF:0.5/2

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.645 $\pm$ 0.063 χ^2 /NDF:11.8/1

Left: 1.587 $\pm$ 0.043 χ^2 /NDF: 13.9/4

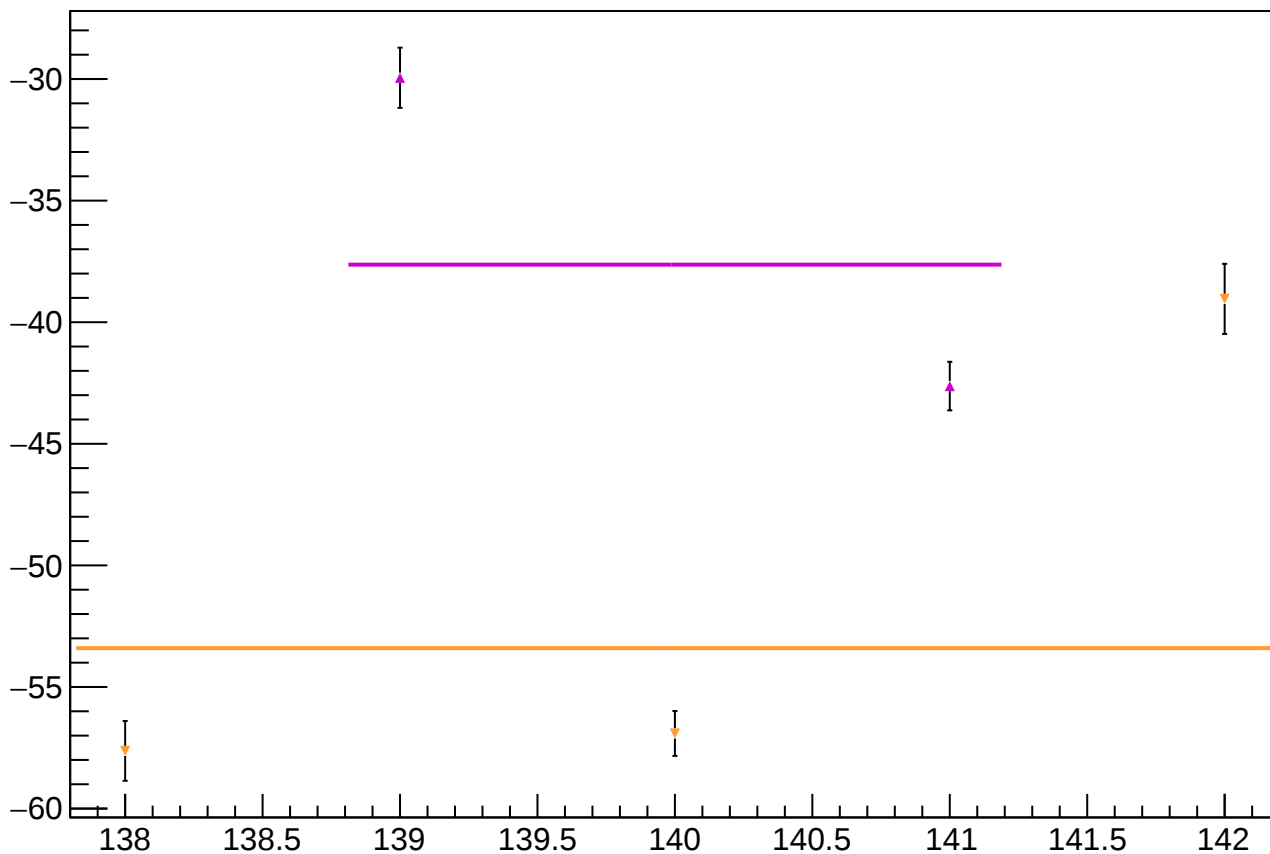
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 0.903 $\pm$ 0.046 χ^2 /NDF:830.6/18

Out: 0.746 $\pm$ 0.045 χ^2 /NDF:1222.4/21

All: 0.823 $\pm$ 0.032 χ^2 /NDF: 2059.0/40

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -53.403+/-0.657 χ^2/NDF :125.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.633+/-0.777 χ^2/NDF :63.5/1

Left: -46.833+/-0.502 χ^2/NDF : 429.3/4

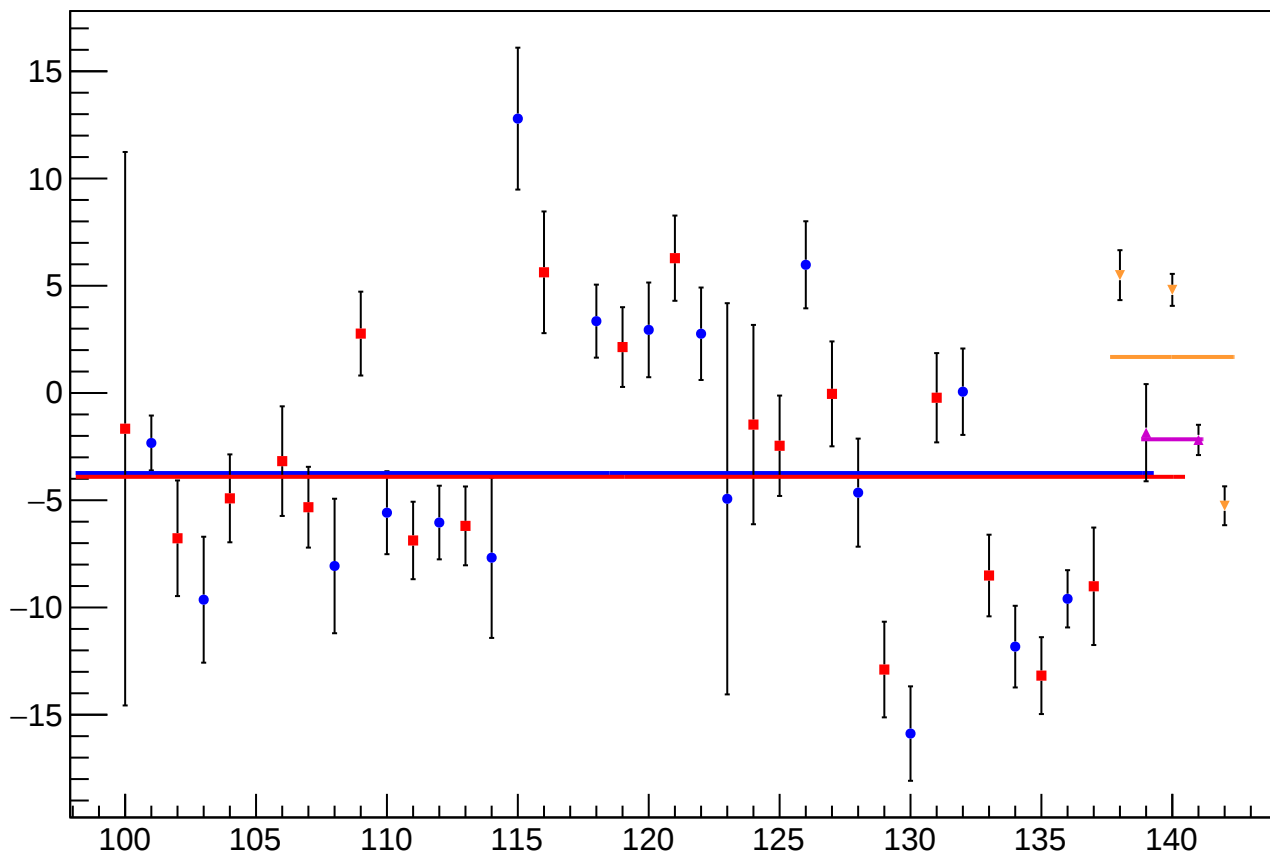
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.633+/-0.777 χ^2/NDF :63.5/1

Out: -53.403+/-0.657 χ^2/NDF :125.6/2

All: -46.833+/-0.502 χ^2/NDF : 429.3/4

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 1.680 ± 0.516 χ^2/NDF : 86.9/2

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -2.159 ± 0.674 χ^2/NDF : 0.0/1

Left: 0.261 ± 0.410 χ^2/NDF : 107.4/4

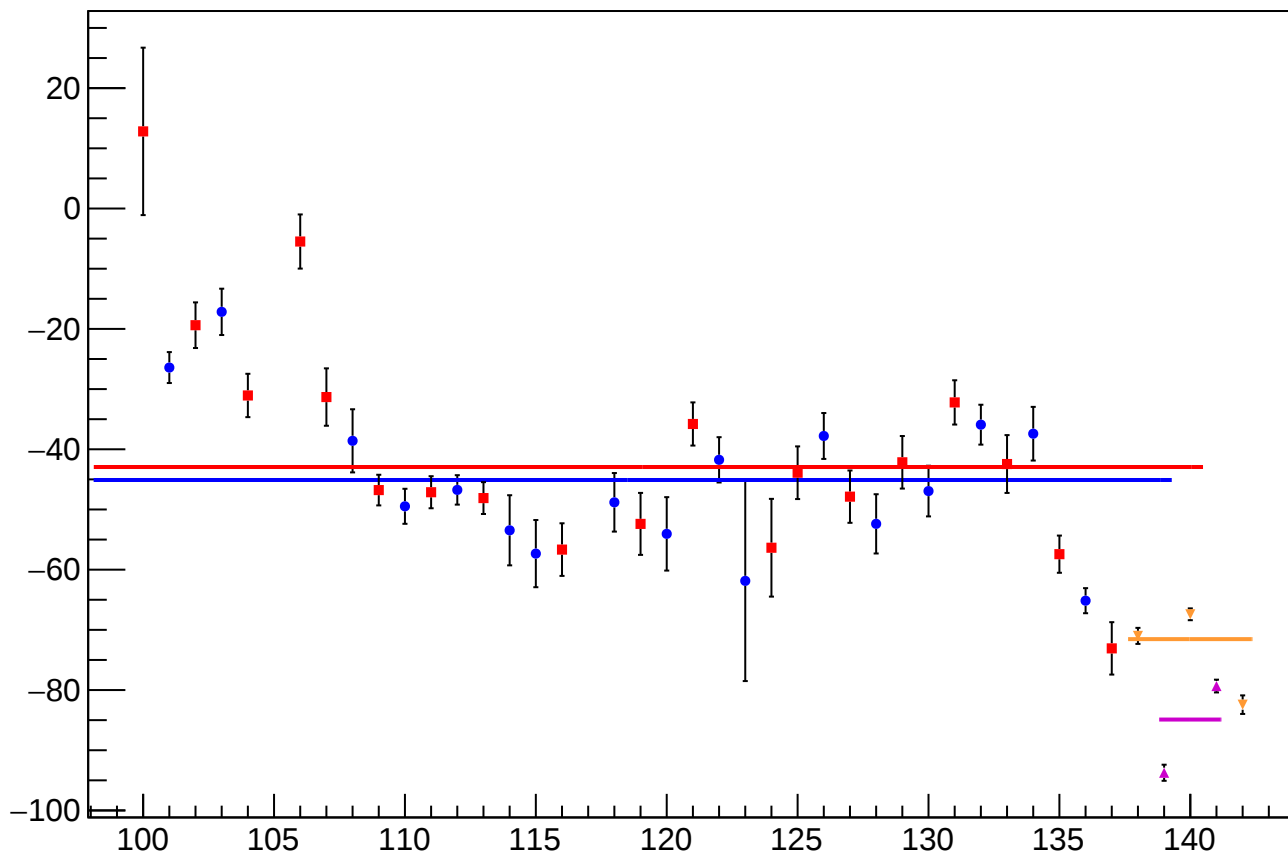
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -3.179 ± 0.399 χ^2/NDF : 169.4/18

Out: -1.166 ± 0.361 χ^2/NDF : 271.4/21

All: -2.073 ± 0.268 χ^2/NDF : 454.8/40

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -71.539 ± 0.704 χ^2/NDF : 67.6/2

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -84.901 ± 0.832 χ^2/NDF : 71.1/1

Left: -77.113 ± 0.537 χ^2/NDF : 289.2/4

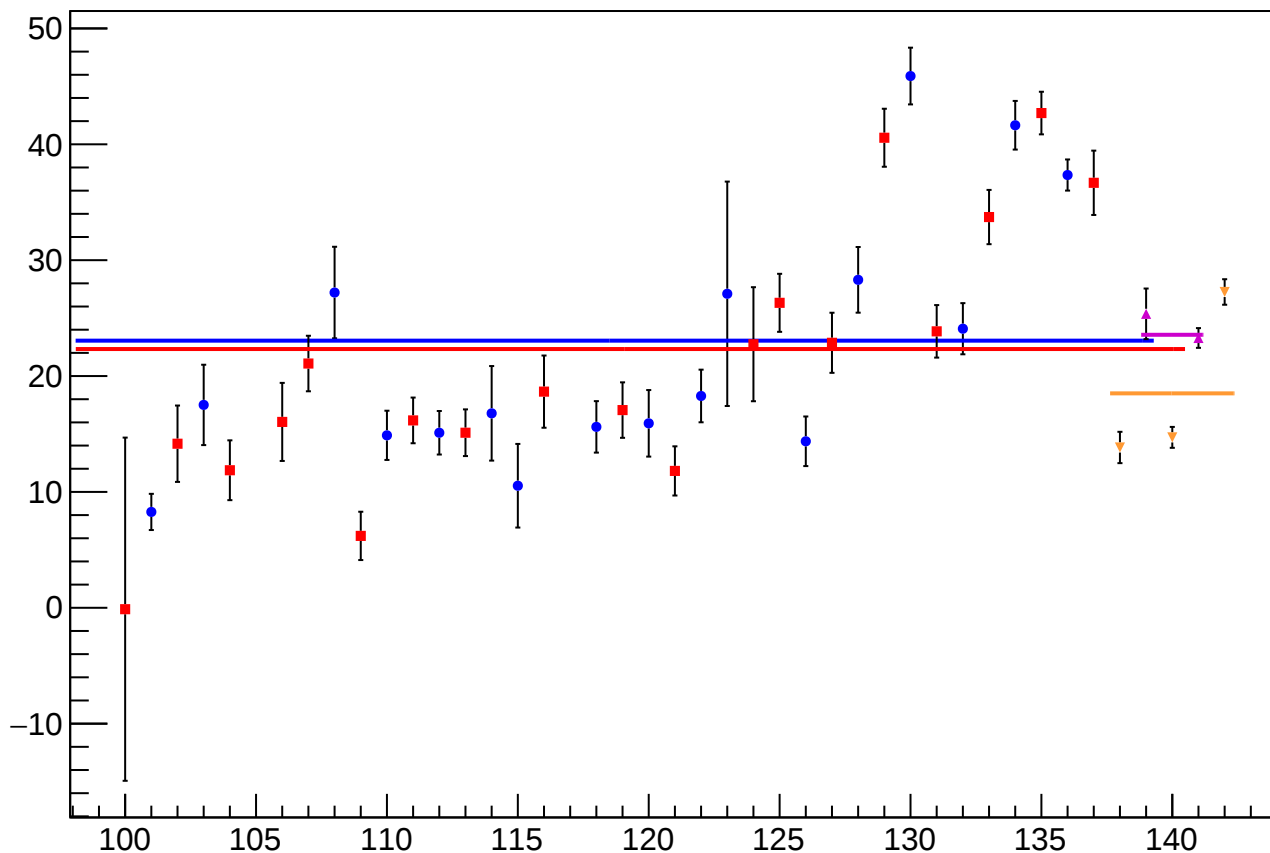
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -66.184 ± 0.605 χ^2/NDF : 1378.9/18

Out: -60.349 ± 0.549 χ^2/NDF : 963.2/21

All: -62.982 ± 0.407 χ^2/NDF : 2393.0/40

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 18.505 $\pm$ 0.620 χ^2 /NDF: 92.8/2

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 23.561 $\pm$ 0.794 χ^2 /NDF: 0.8/1

Left: 20.422 $\pm$ 0.489 χ^2 /NDF: 118.7/4

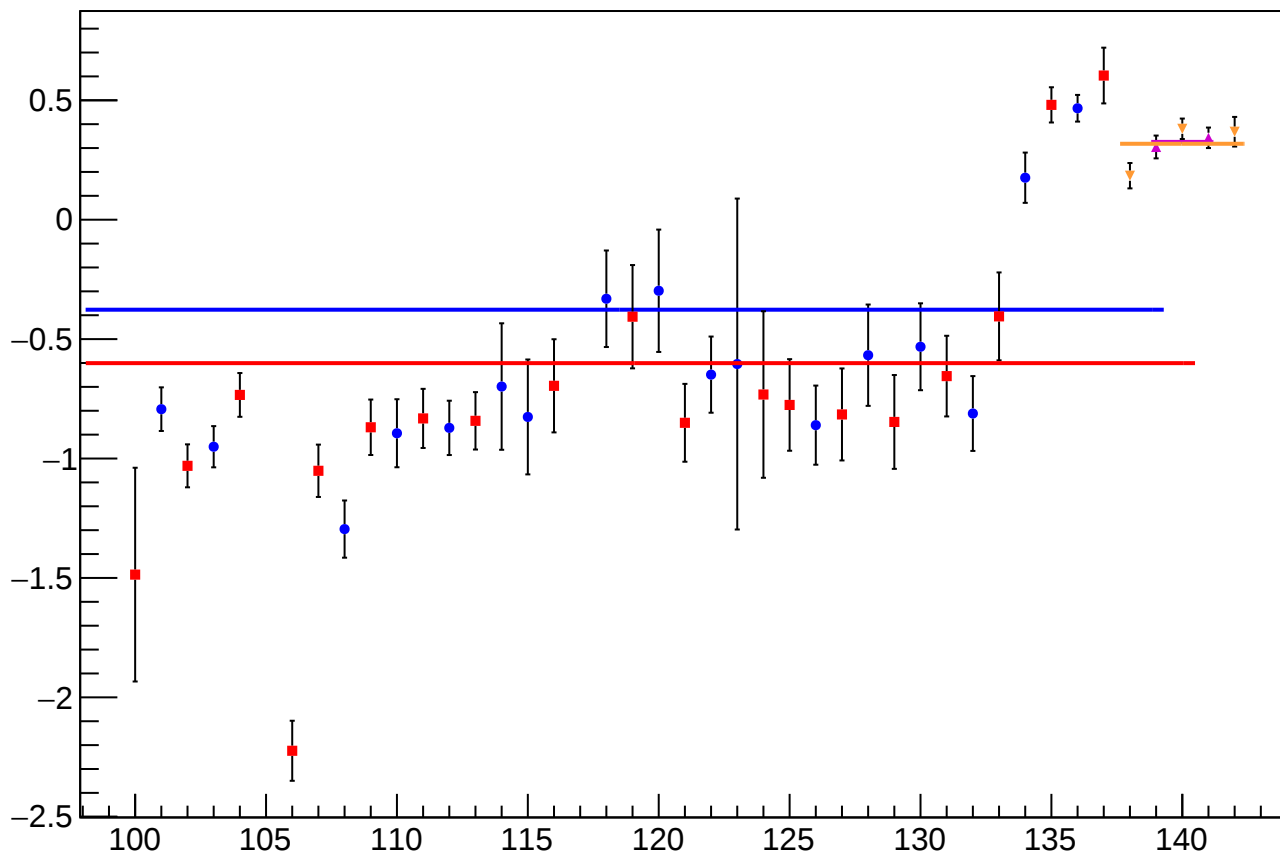
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 23.222 $\pm$ 0.456 χ^2 /NDF: 462.2/18

Out: 20.572 $\pm$ 0.421 χ^2 /NDF: 484.4/21

All: 21.790 $\pm$ 0.309 χ^2 /NDF: 964.8/40

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.318 ± 0.029 χ^2/NDF : 9.1/2

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.326 ± 0.032 χ^2/NDF : 0.4/1

Left: 0.322 ± 0.022 χ^2/NDF : 9.5/4

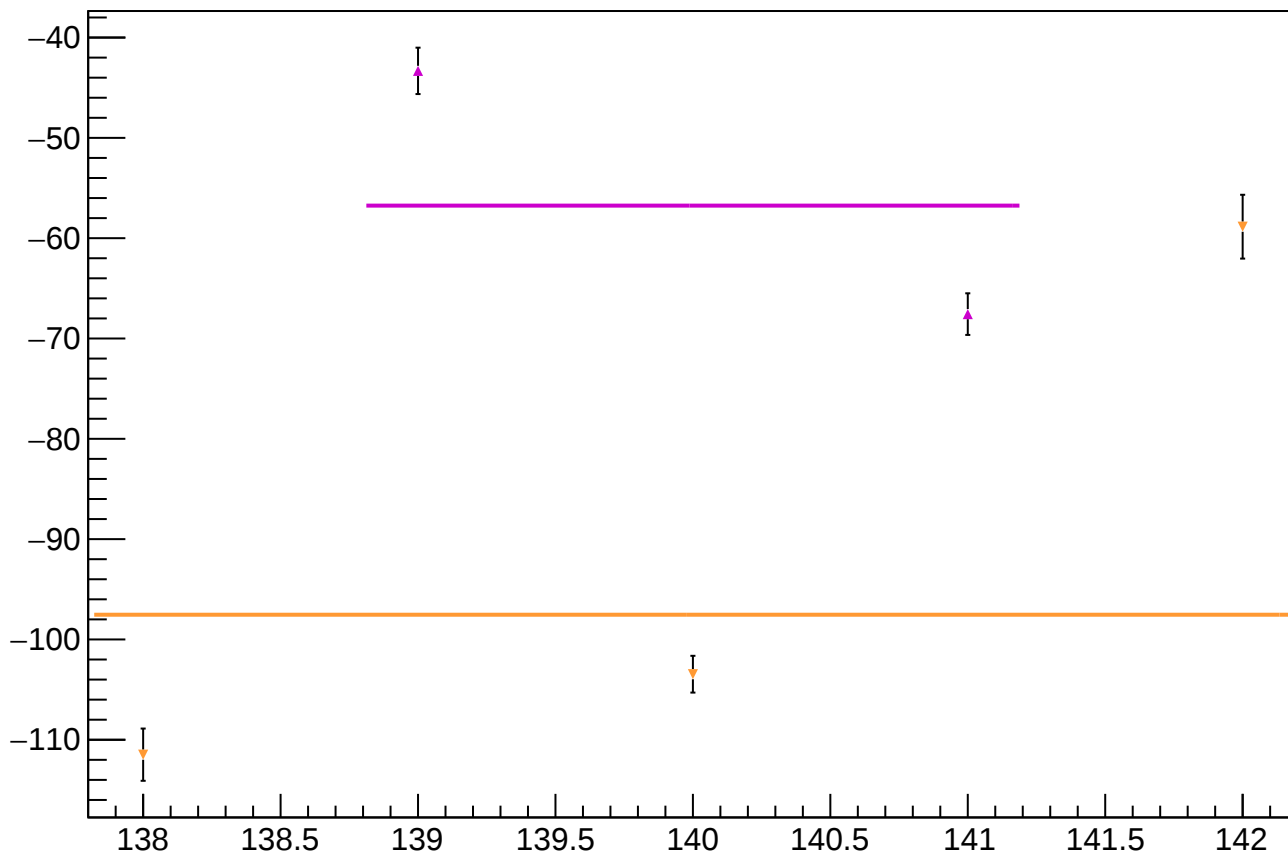
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: -0.046 ± 0.022 χ^2/NDF : 694.3/18

Out: -0.129 ± 0.021 χ^2/NDF : 1040.4/21

All: -0.089 ± 0.015 χ^2/NDF : 1742.1/40

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -97.535+/-1.356 χ^2/NDF :187.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.753+/-1.544 χ^2/NDF :60.9/1

Left: -79.781+/-1.019 χ^2/NDF : 641.8/4

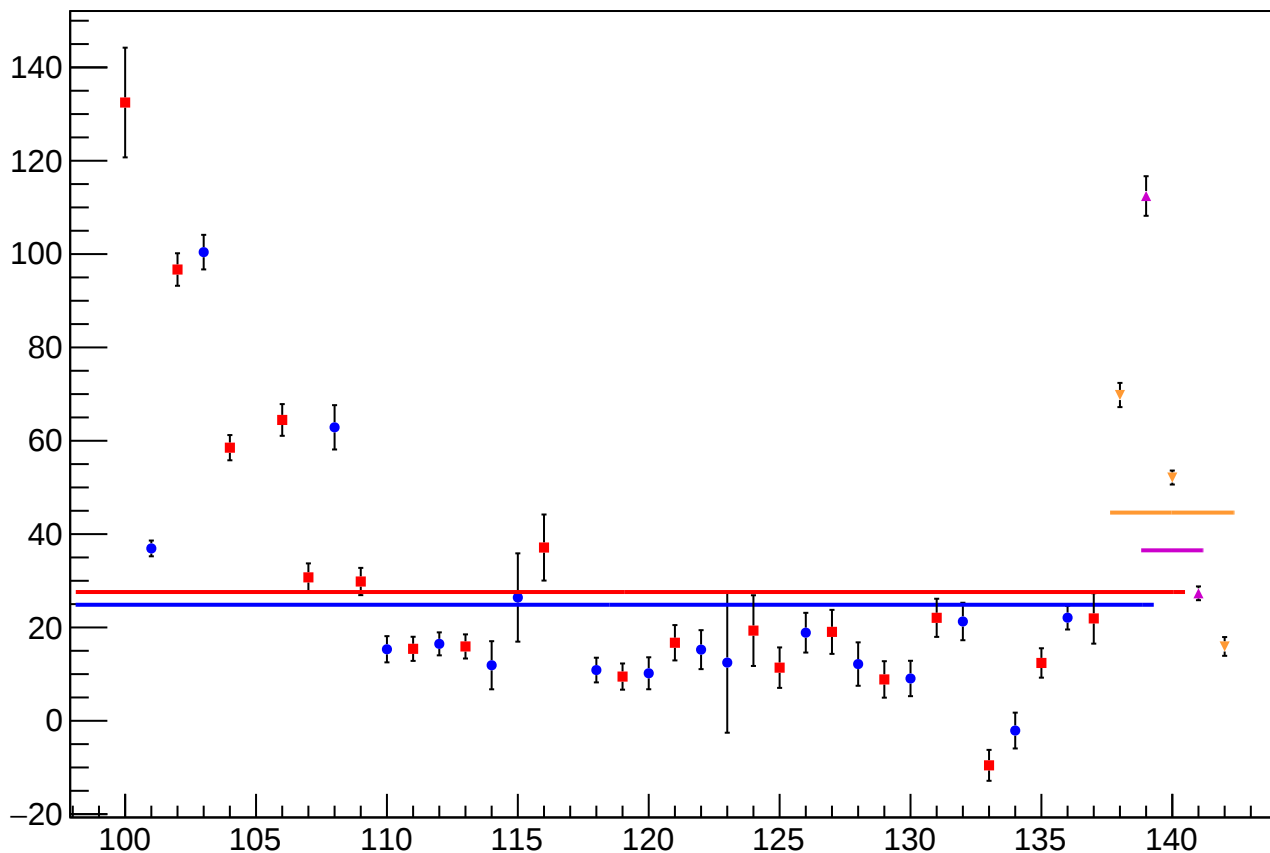
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.753+/-1.544 χ^2/NDF :60.9/1

Out: -97.535+/-1.356 χ^2/NDF :187.0/2

All: -79.781+/-1.019 χ^2/NDF : 641.8/4

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: 44.613 $\pm$ 1.091 χ^2 /NDF:322.8/2

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 36.525 $\pm$ 1.395 χ^2 /NDF:359.1/1

Left: 41.545 $\pm$ 0.859 χ^2 /NDF: 702.8/4

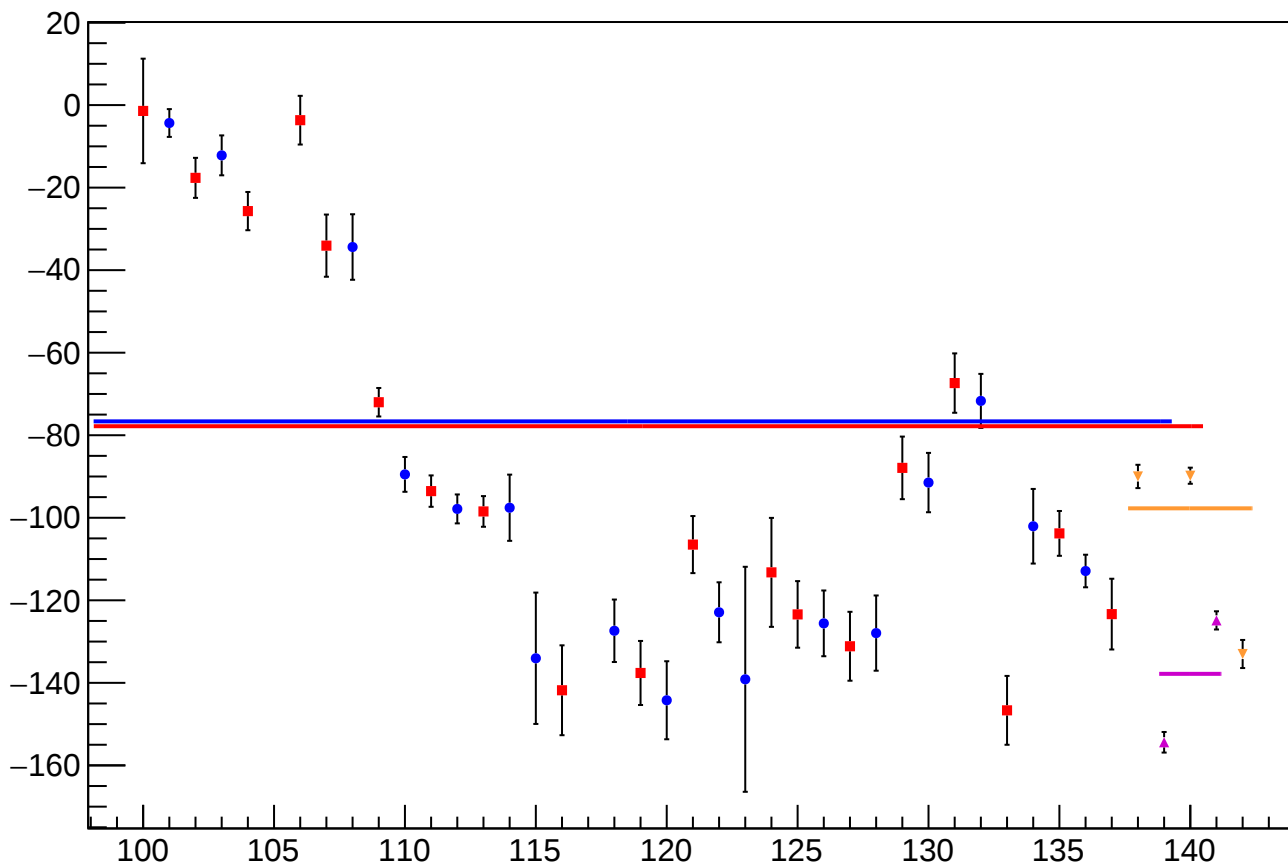
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 27.759 $\pm$ 0.695 χ^2 /NDF:1102.6/18

Out: 33.642 $\pm$ 0.650 χ^2 /NDF:1490.7/21

All: 30.897 $\pm$ 0.475 χ^2 /NDF: 2631.6/40

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -97.715 ± 1.452 χ^2/NDF : 131.3/2

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -137.819 ± 1.653 χ^2/NDF : 78.6/1

Left: -115.184 ± 1.091 χ^2/NDF : 542.1/4

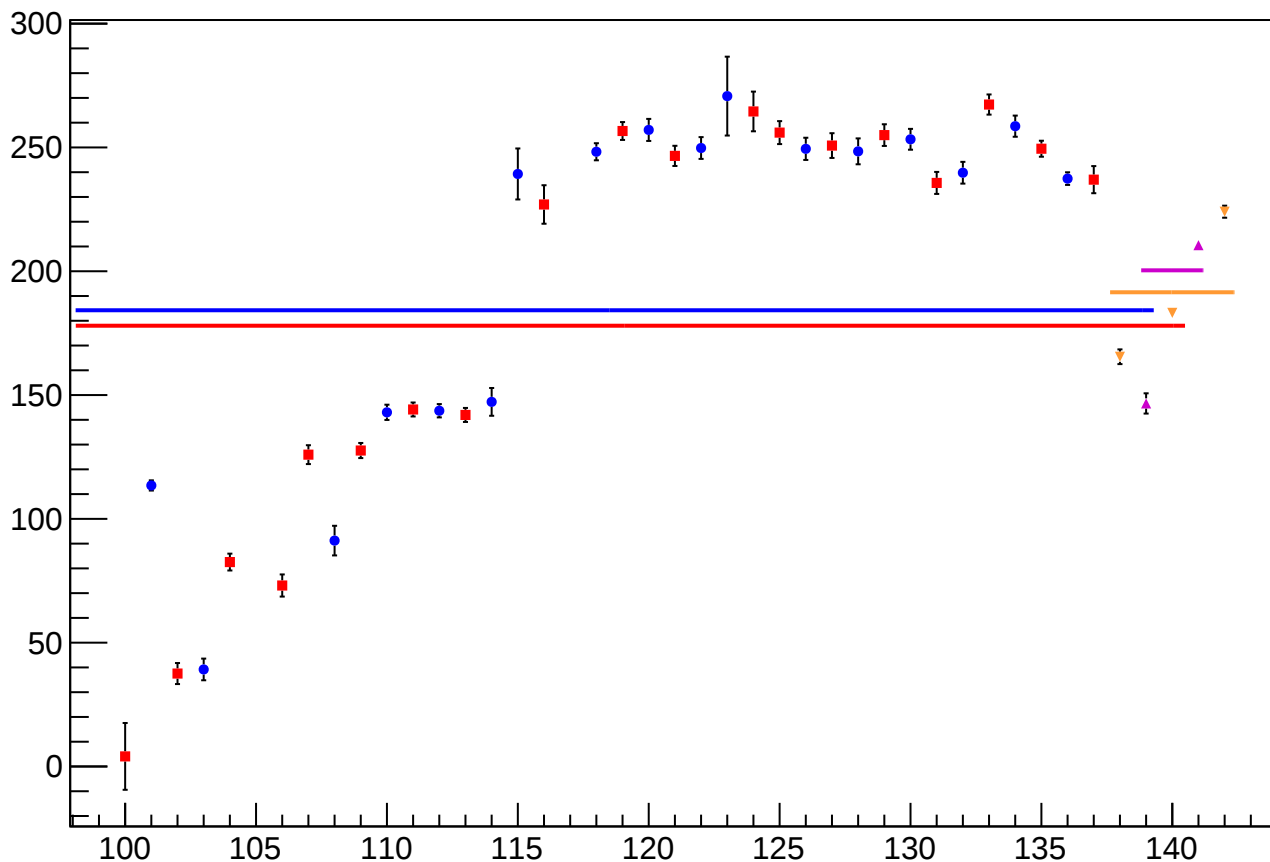
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -102.506 ± 1.075 χ^2/NDF : 1909.9/18

Out: -87.055 ± 0.990 χ^2/NDF : 1105.2/21

All: -94.143 ± 0.728 χ^2/NDF : 3126.8/40

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: 191.511 $\pm$ 1.305 χ^2 /NDF:276.3/2

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 200.373 $\pm$ 1.630 χ^2 /NDF:205.3/1

Left: 194.972 $\pm$ 1.019 χ^2 /NDF: 499.6/4

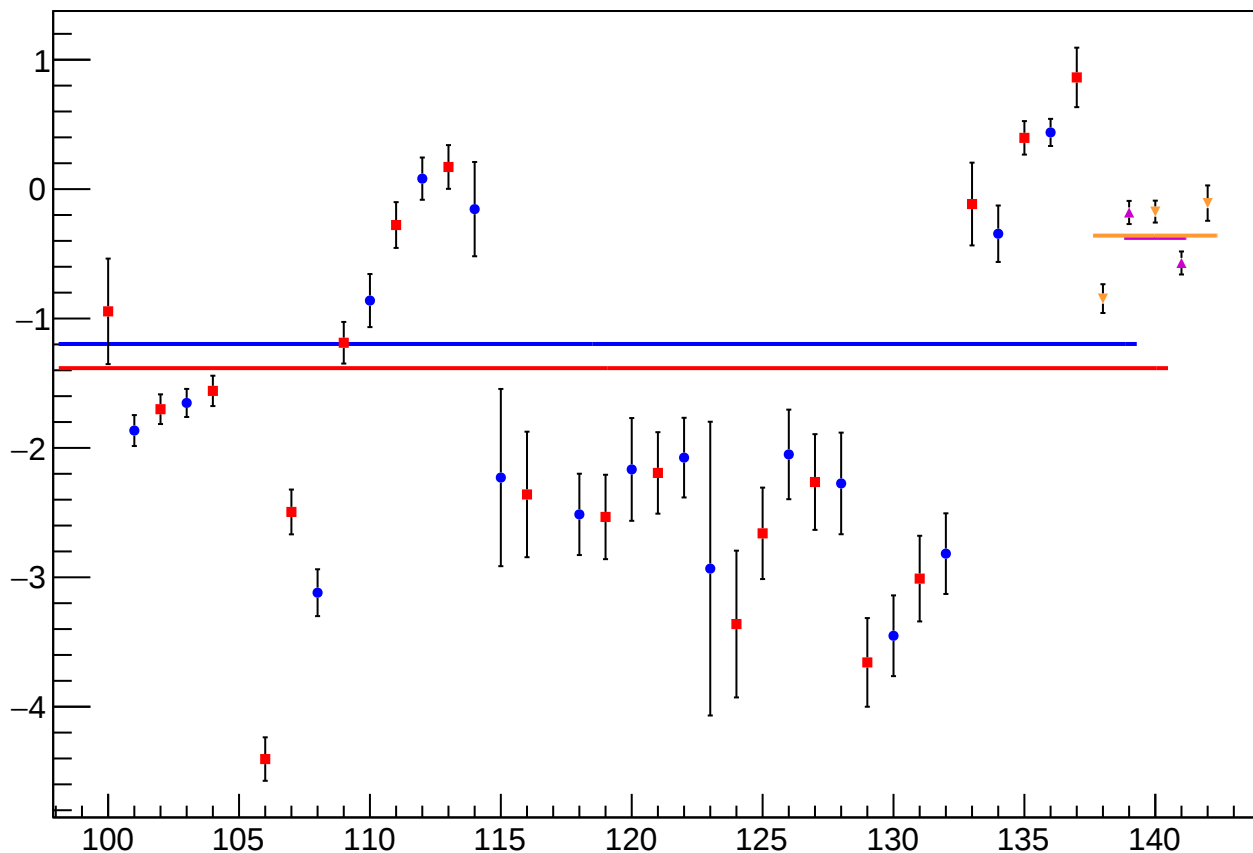
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 188.111 $\pm$ 0.798 χ^2 /NDF:5668.3/18

Out: 182.510 $\pm$ 0.754 χ^2 /NDF:6685.6/21

All: 185.151 $\pm$ 0.548 χ^2 /NDF: 12379.9/40

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.359 ± 0.060 χ^2/NDF : 27.3/2

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.377 ± 0.063 χ^2/NDF : 9.6/1

Left: -0.368 ± 0.044 χ^2/NDF : 36.9/4

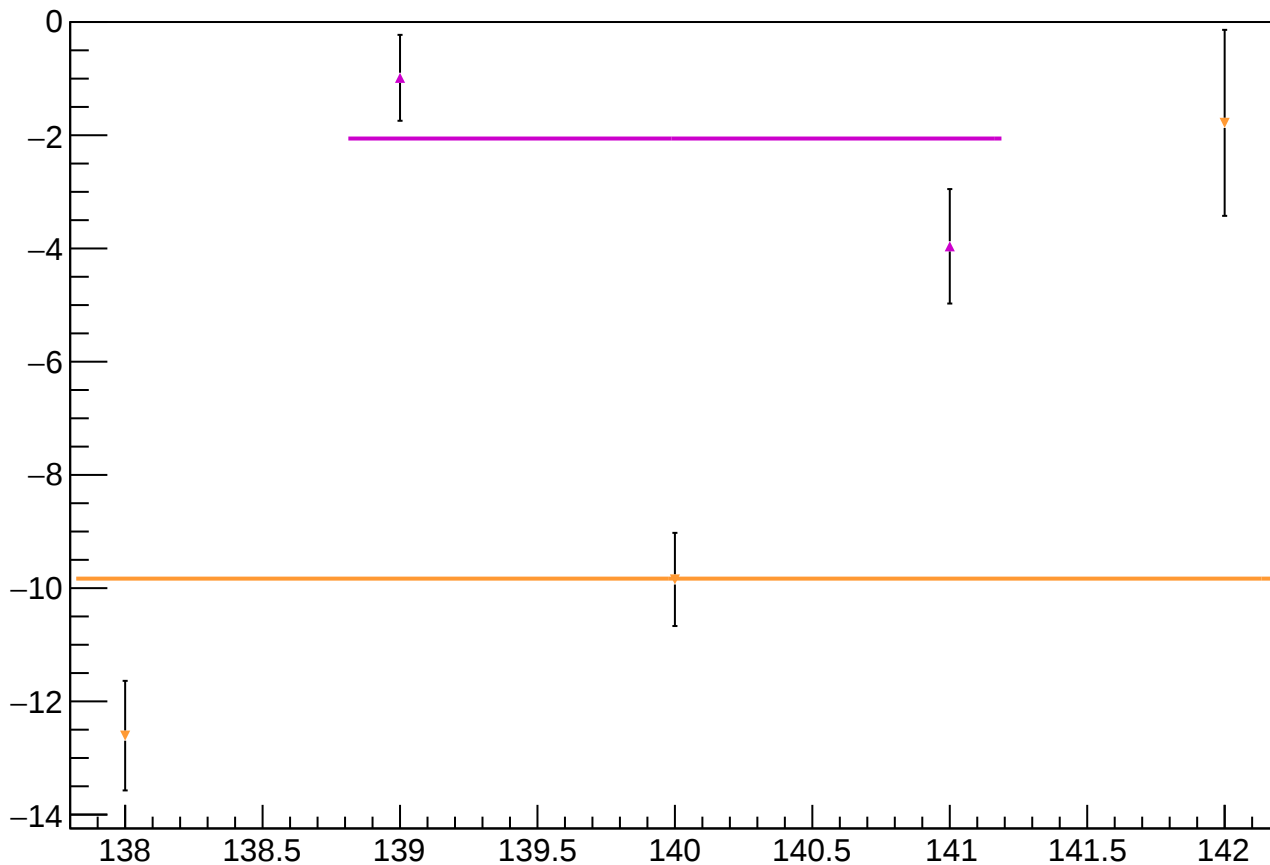
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.895 ± 0.038 χ^2/NDF : 737.9/18

Out: -1.010 ± 0.036 χ^2/NDF : 1133.2/21

All: -0.955 ± 0.026 χ^2/NDF : 1875.8/40

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Left Out: -9.832±/-0.586 χ^2 /NDF:32.2/2

Right Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Left In: -2.058±/-0.607 χ^2 /NDF:5.5/1

Left: -6.083±/-0.421 χ^2 /NDF: 122.7/4

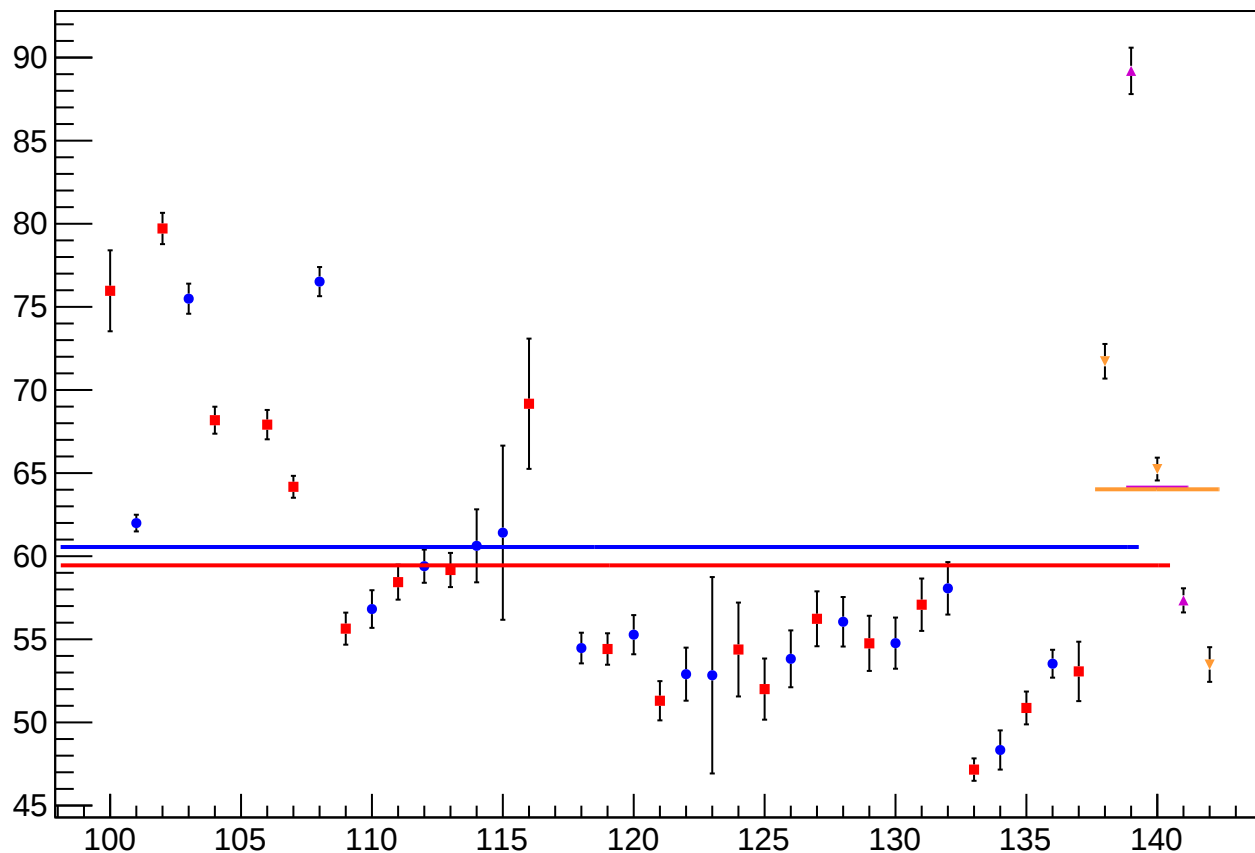
Right: 0.000±/-0.000 χ^2 /NDF: 0.0/0

In: -2.058±/-0.607 χ^2 /NDF:5.5/1

Out: -9.832±/-0.586 χ^2 /NDF:32.2/2

All: -6.083±/-0.421 χ^2 /NDF: 122.7/4

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: 64.024 ± 0.502 $\chi^2/\text{NDF}: 160.0/2$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 64.125 ± 0.644 $\chi^2/\text{NDF}: 409.8/1$

Left: 64.062 ± 0.396 $\chi^2/\text{NDF}: 569.8/4$

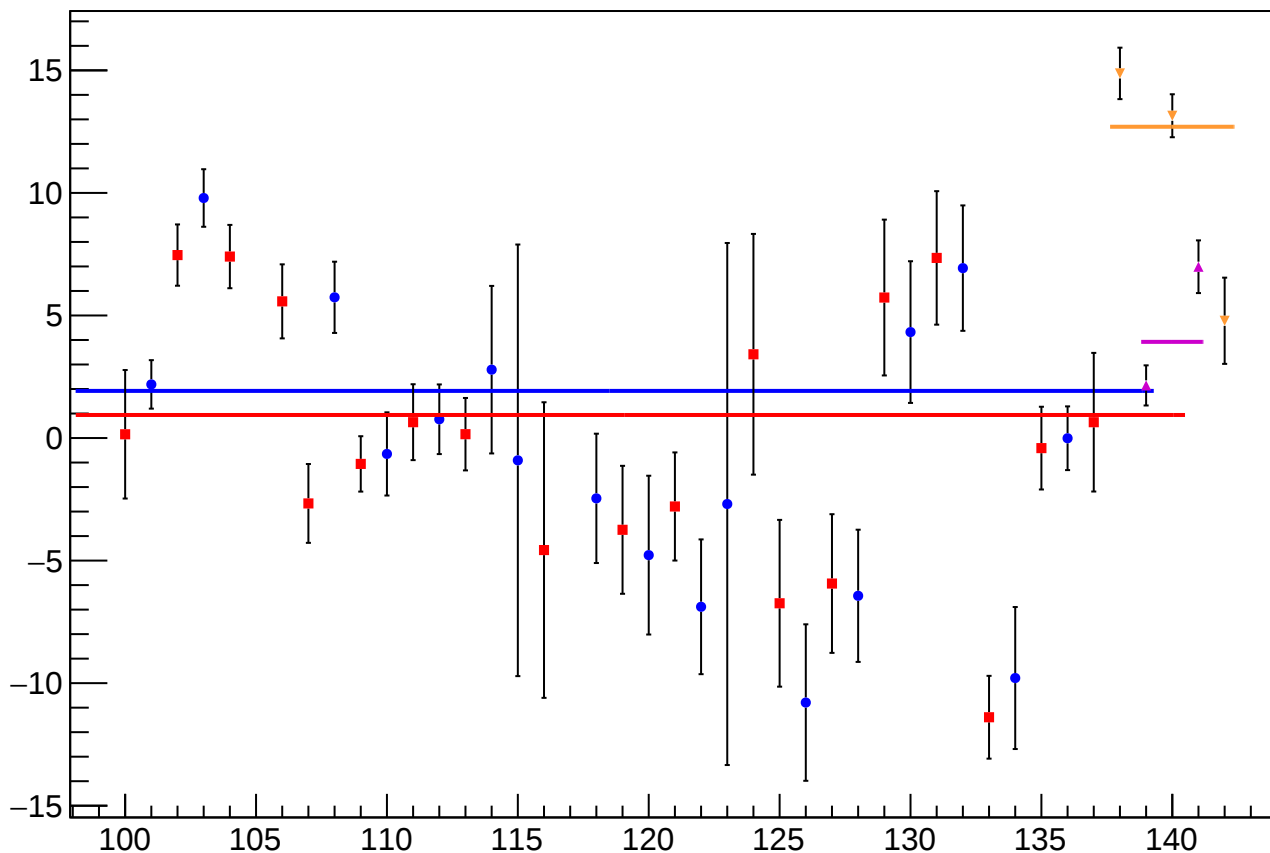
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 61.059 ± 0.243 $\chi^2/\text{NDF}: 1367.2/18$

Out: 60.344 ± 0.222 $\chi^2/\text{NDF}: 1548.0/21$

All: 60.670 ± 0.164 $\chi^2/\text{NDF}: 2920.0/40$

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: 12.699 ± 0.629 $\chi^2/\text{NDF}: 24.8/2$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 3.924 ± 0.651 $\chi^2/\text{NDF}: 12.8/1$

Left: 8.468 ± 0.452 $\chi^2/\text{NDF}: 131.7/4$

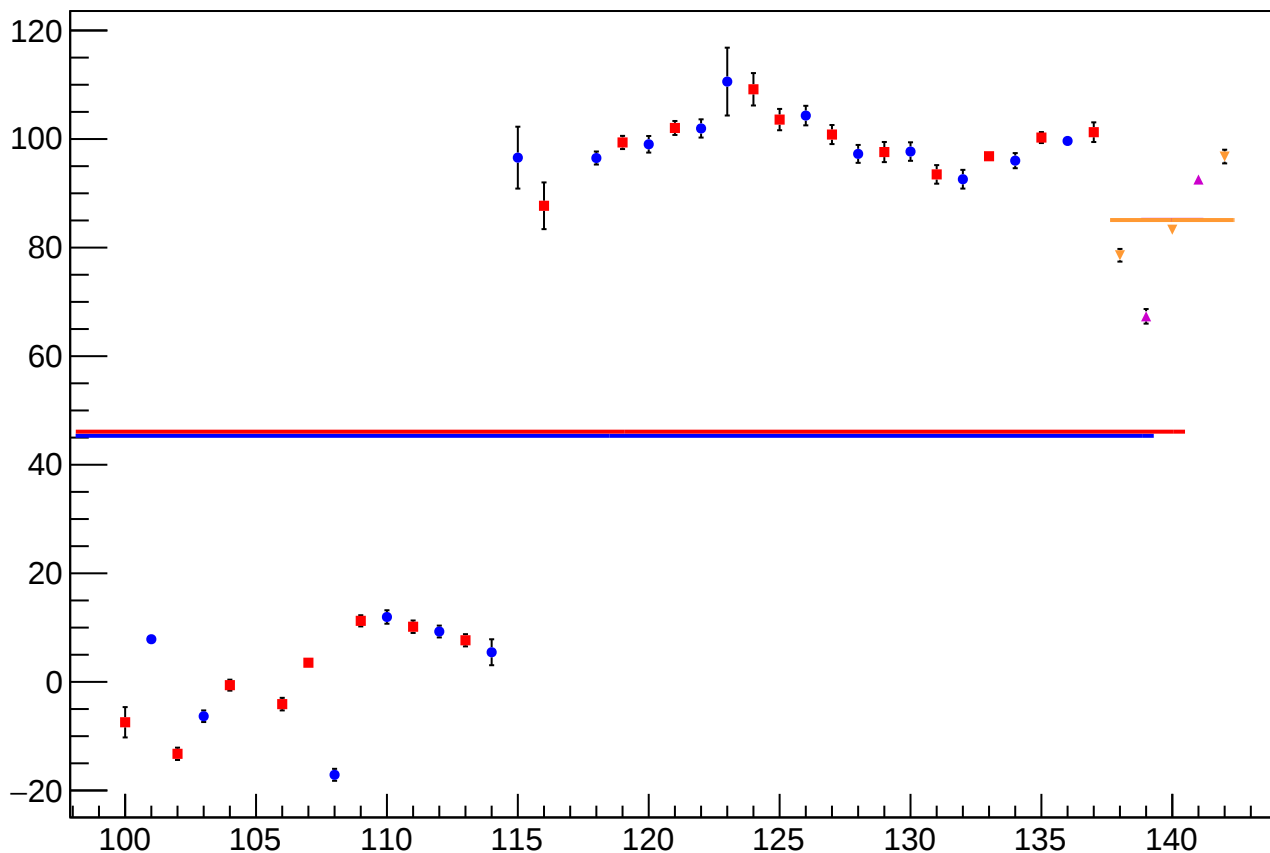
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 2.585 ± 0.375 $\chi^2/\text{NDF}: 140.2/18$

Out: 4.619 ± 0.352 $\chi^2/\text{NDF}: 415.6/21$

All: 3.667 ± 0.256 $\chi^2/\text{NDF}: 571.4/40$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 85.079+/-0.594 χ^2/NDF :121.6/2

Right Out: 46.094+/-0.289 χ^2/NDF : 28267.6/18

Left In: 85.111+/-0.731 χ^2/NDF :247.0/1

Left: 85.092+/-0.461 χ^2/NDF : 368.6/4

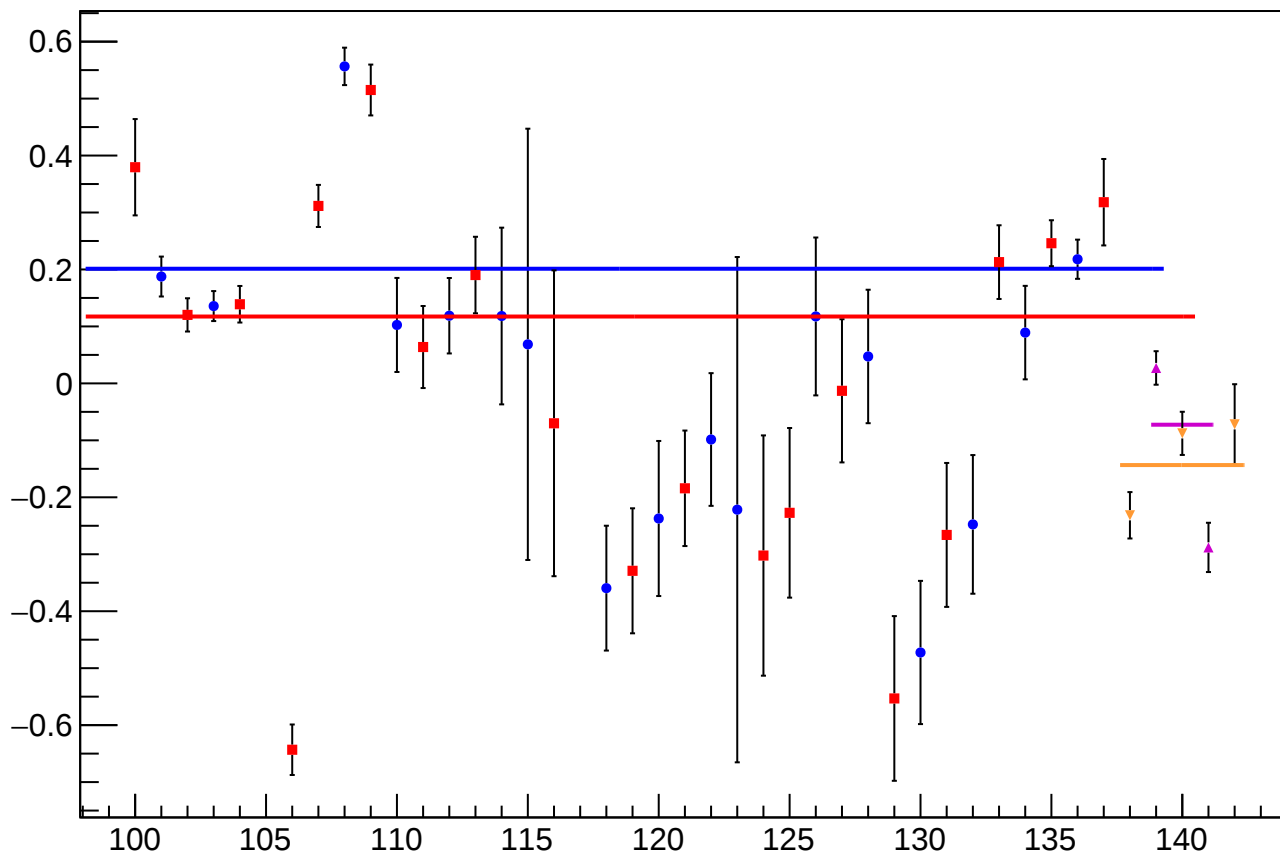
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 51.182+/-0.280 χ^2/NDF :27778.9/18

Out: 53.557+/-0.260 χ^2/NDF :31868.1/21

All: 52.459+/-0.191 χ^2/NDF : 59685.6/40

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.143 ± 0.026 $\chi^2/\text{NDF}: 7.9/2$

Right Out: 0.117 ± 0.013 $\chi^2/\text{NDF}: 499.5/18$

Left In: -0.073 ± 0.024 $\chi^2/\text{NDF}: 36.3/1$

Left: -0.106 ± 0.018 $\chi^2/\text{NDF}: 48.1/4$

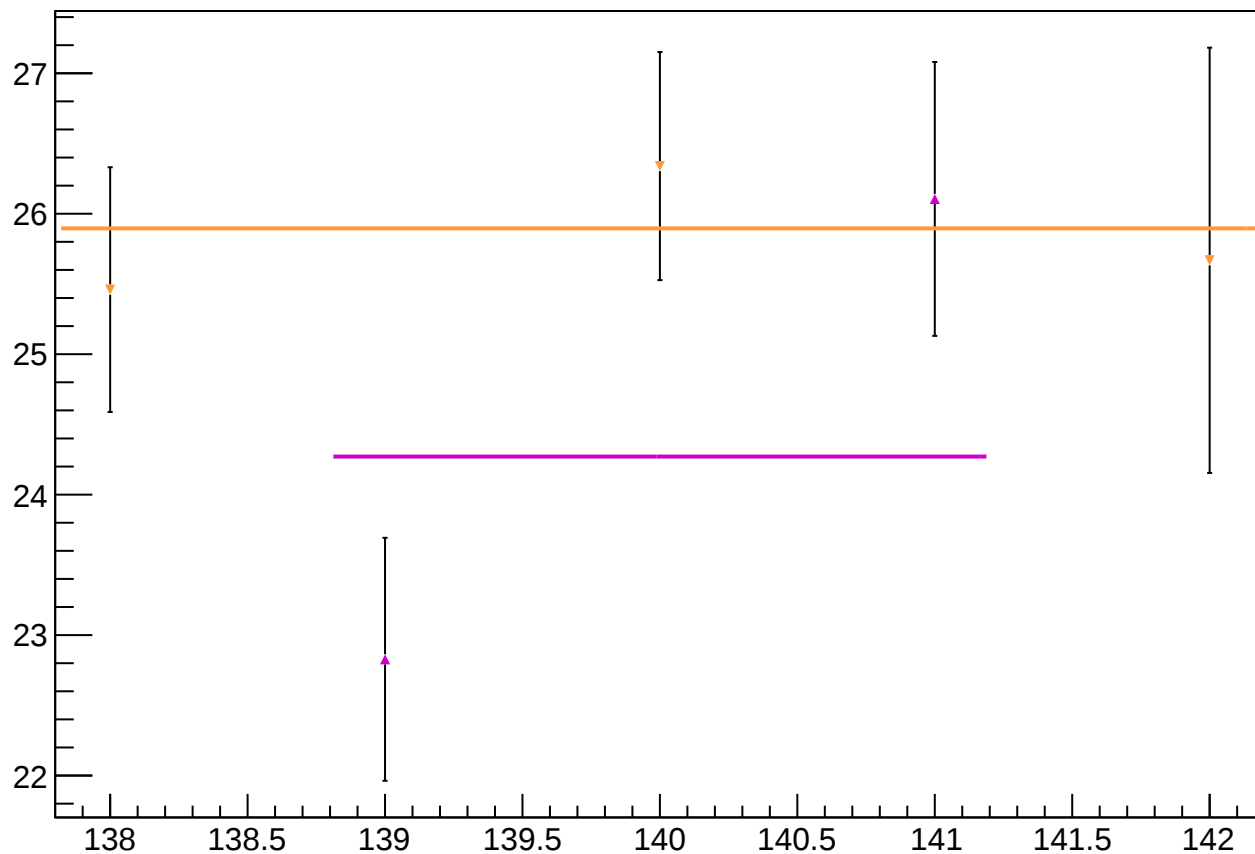
Right: 0.156 ± 0.010 $\chi^2/\text{NDF}: 735.9/35$

In: 0.133 ± 0.012 $\chi^2/\text{NDF}: 348.6/18$

Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 588.7/21$

All: 0.097 ± 0.008 $\chi^2/\text{NDF}: 953.7/40$

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 25.896+/-0.553 χ^2/NDF : 0.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 24.271+/-0.647 χ^2/NDF : 6.3/1

Left: 25.210+/-0.420 χ^2/NDF : 10.5/4

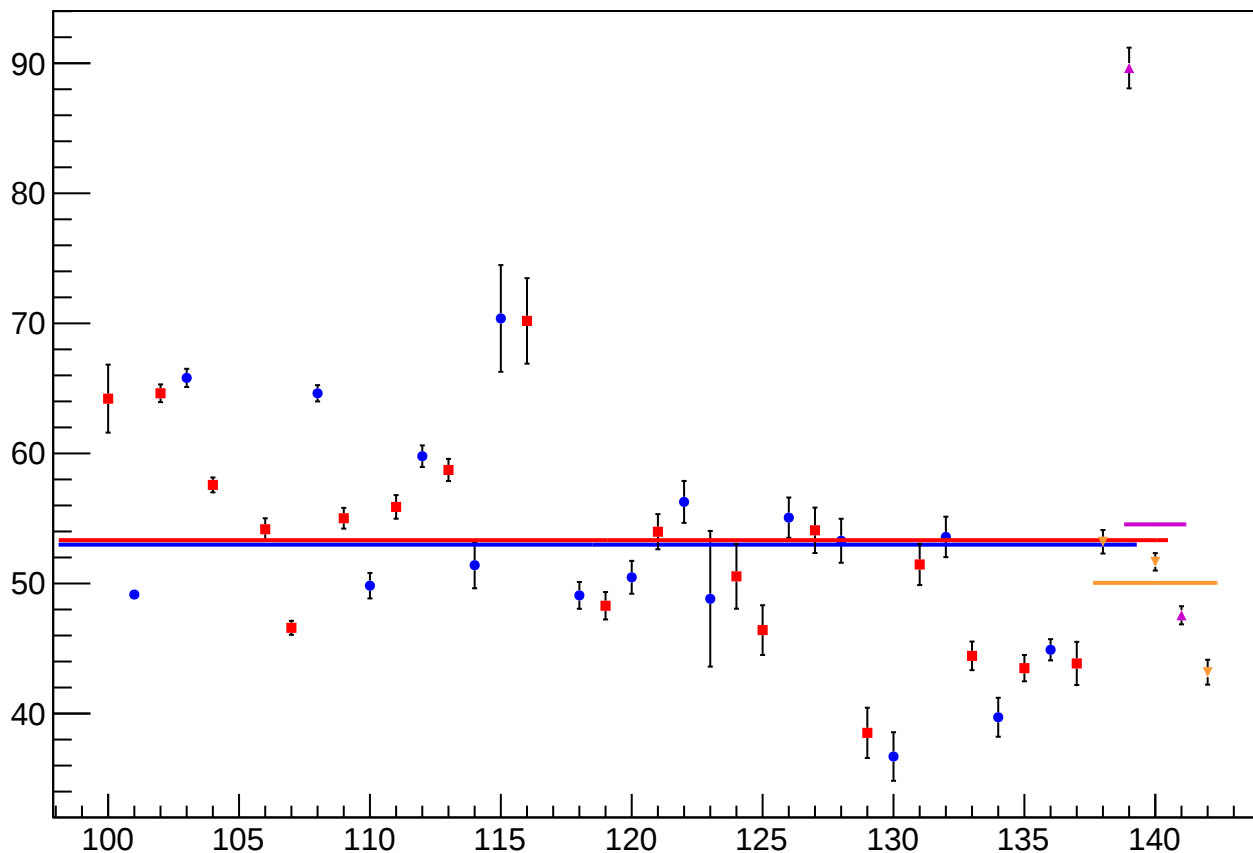
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.271+/-0.647 χ^2/NDF : 6.3/1

Out: 25.896+/-0.553 χ^2/NDF : 0.6/2

All: 25.210+/-0.420 χ^2/NDF : 10.5/4

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: 50.048 $\pm$ 0.469 χ^2 /NDF: 69.4/2

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 54.543 $\pm$ 0.637 χ^2 /NDF: 604.3/1

Left: 51.629 $\pm$ 0.378 χ^2 /NDF: 705.9/4

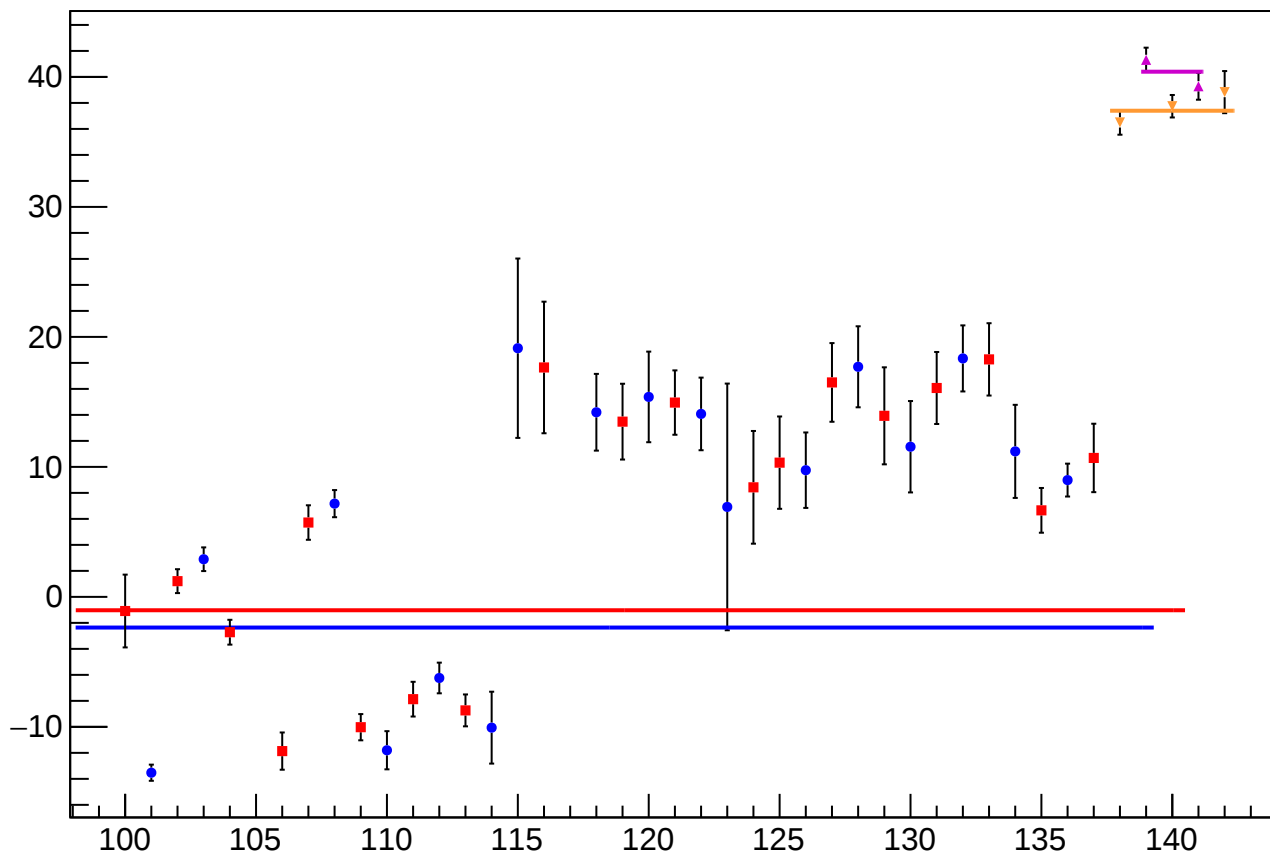
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 53.138 $\pm$ 0.200 χ^2 /NDF: 1807.6/18

Out: 52.710 $\pm$ 0.204 χ^2 /NDF: 982.9/21

All: 52.929 $\pm$ 0.143 χ^2 /NDF: 2792.7/40

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 37.400 ± 0.594 χ^2/NDF : 1.8/2

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 40.402 ± 0.695 χ^2/NDF : 2.1/1

Left: 38.667 ± 0.451 χ^2/NDF : 14.8/4

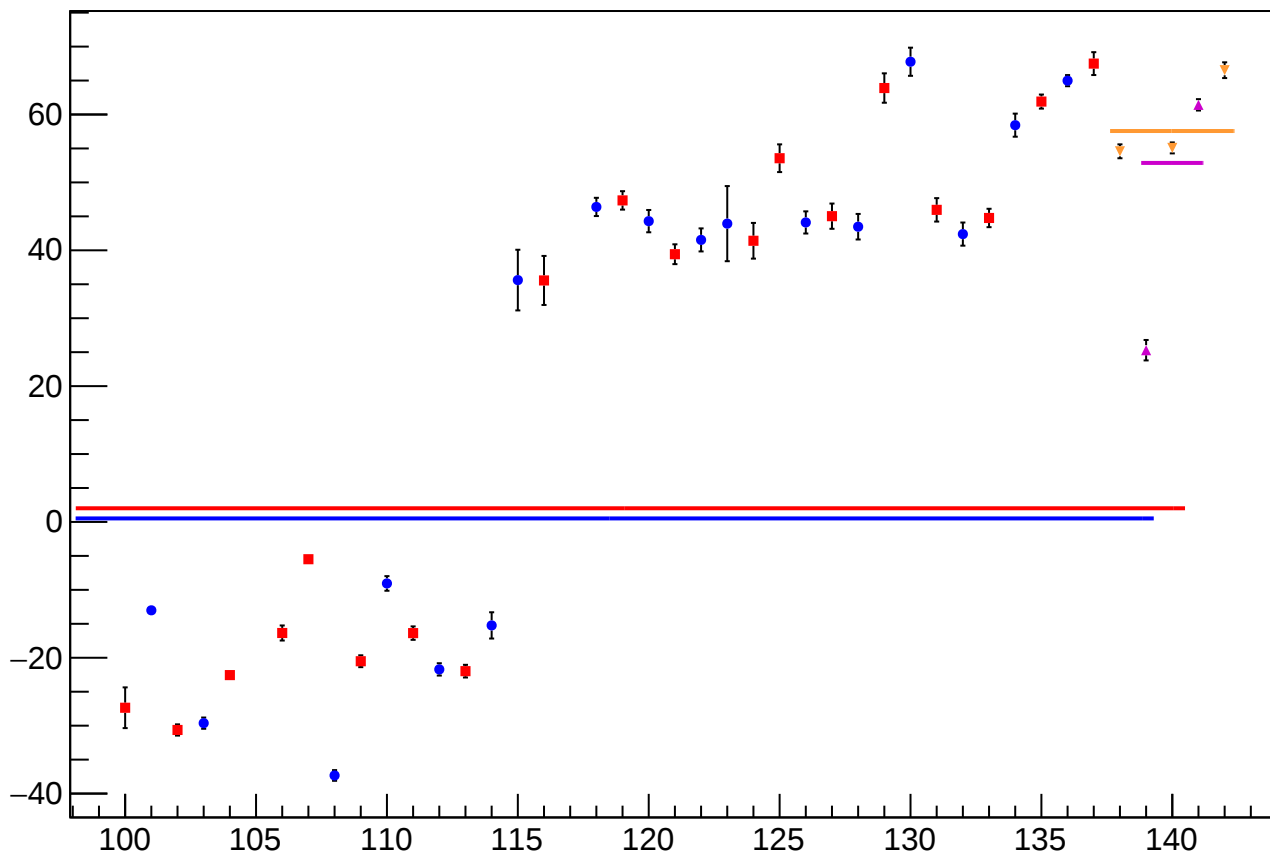
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 6.854 ± 0.323 χ^2/NDF : 3811.3/18

Out: 10.006 ± 0.318 χ^2/NDF : 3496.7/21

All: 8.452 ± 0.226 χ^2/NDF : 7356.4/40

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 57.568 ± 0.557 χ^2/NDF : 77.6/2

Right Out: 2.013 ± 0.266 χ^2/NDF : 15473.7/18

Left In: 52.869 ± 0.732 χ^2/NDF : 439.8/1

Left: 55.848 ± 0.443 χ^2/NDF : 543.5/4

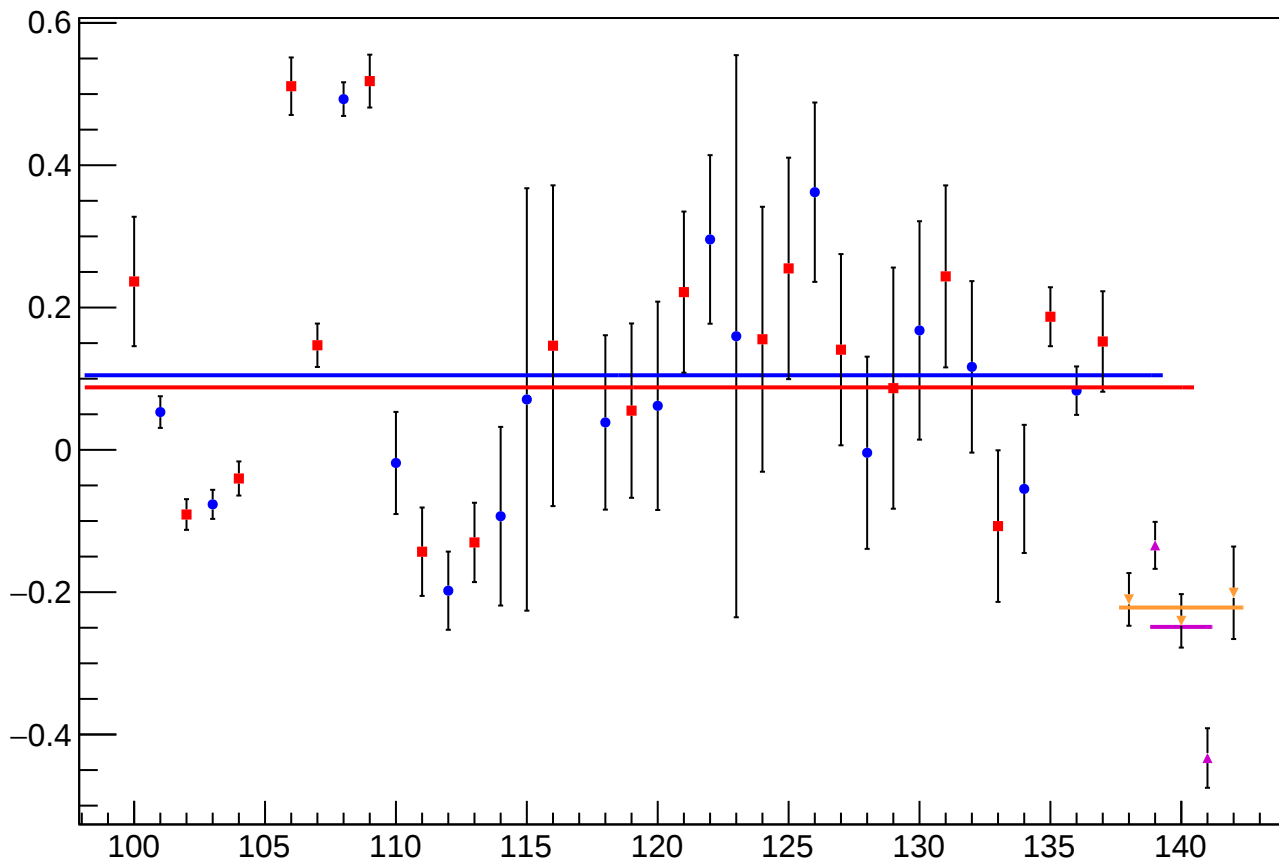
Right: 1.209 ± 0.181 χ^2/NDF : 33876.6/35

In: 5.861 ± 0.234 χ^2/NDF : 23413.0/18

Out: 12.366 ± 0.240 χ^2/NDF : 23659.0/21

All: 9.027 ± 0.168 χ^2/NDF : 47448.2/40

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: -0.222 ± 0.024 $\chi^2/\text{NDF}: 0.4/2$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.249 ± 0.026 $\chi^2/\text{NDF}: 31.4/1$

Left: -0.234 ± 0.018 $\chi^2/\text{NDF}: 32.5/4$

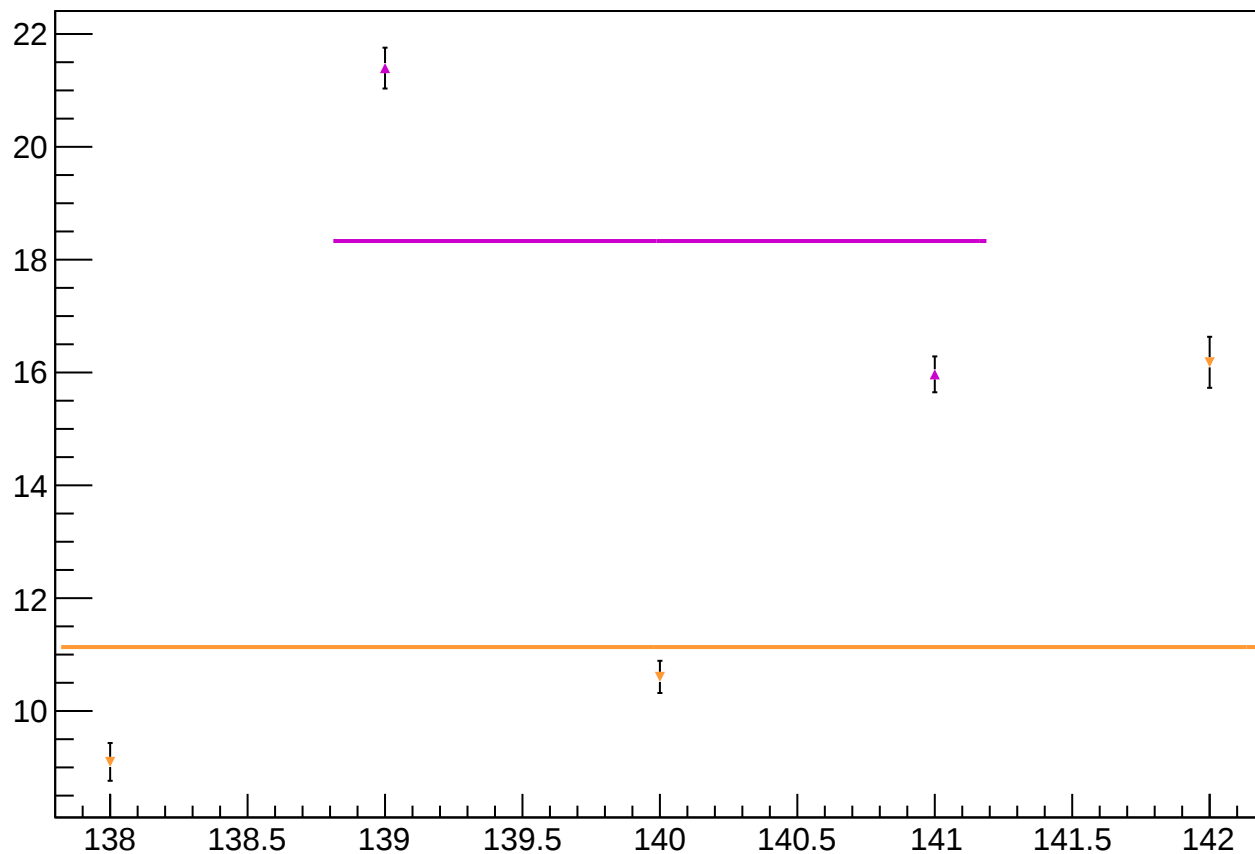
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: 0.051 ± 0.010 $\chi^2/\text{NDF}: 589.9/18$

Out: 0.036 ± 0.010 $\chi^2/\text{NDF}: 524.8/21$

All: 0.043 ± 0.007 $\chi^2/\text{NDF}: 1115.7/40$

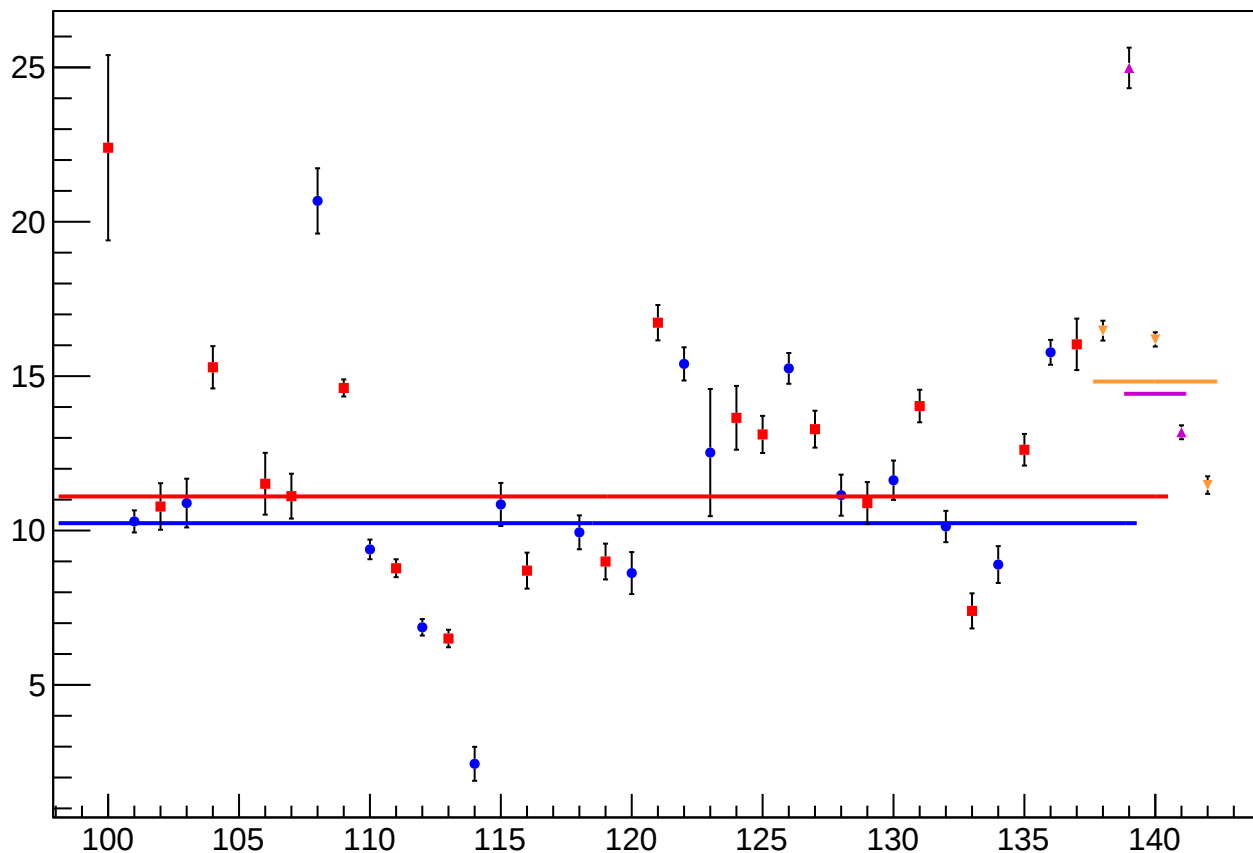
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 11.133 $\pm$ 0.196 χ^2 /NDF:165.0/2
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 18.331 $\pm$ 0.239 χ^2 /NDF:126.9/1

Left: 14.024 $\pm$ 0.151 χ^2 /NDF: 835.0/4
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 18.331 $\pm$ 0.239 χ^2 /NDF:126.9/1
 Out: 11.133 $\pm$ 0.196 χ^2 /NDF:165.0/2
 All: 14.024 $\pm$ 0.151 χ^2 /NDF: 835.0/4

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 14.826+/-0.157 χ^2/NDF :199.7/2

Right Out: 11.104+/-0.116 χ^2/NDF : 815.2/18

Left In: 14.428+/-0.213 χ^2/NDF :289.5/1

Left: 14.686+/-0.126 χ^2/NDF : 491.5/4

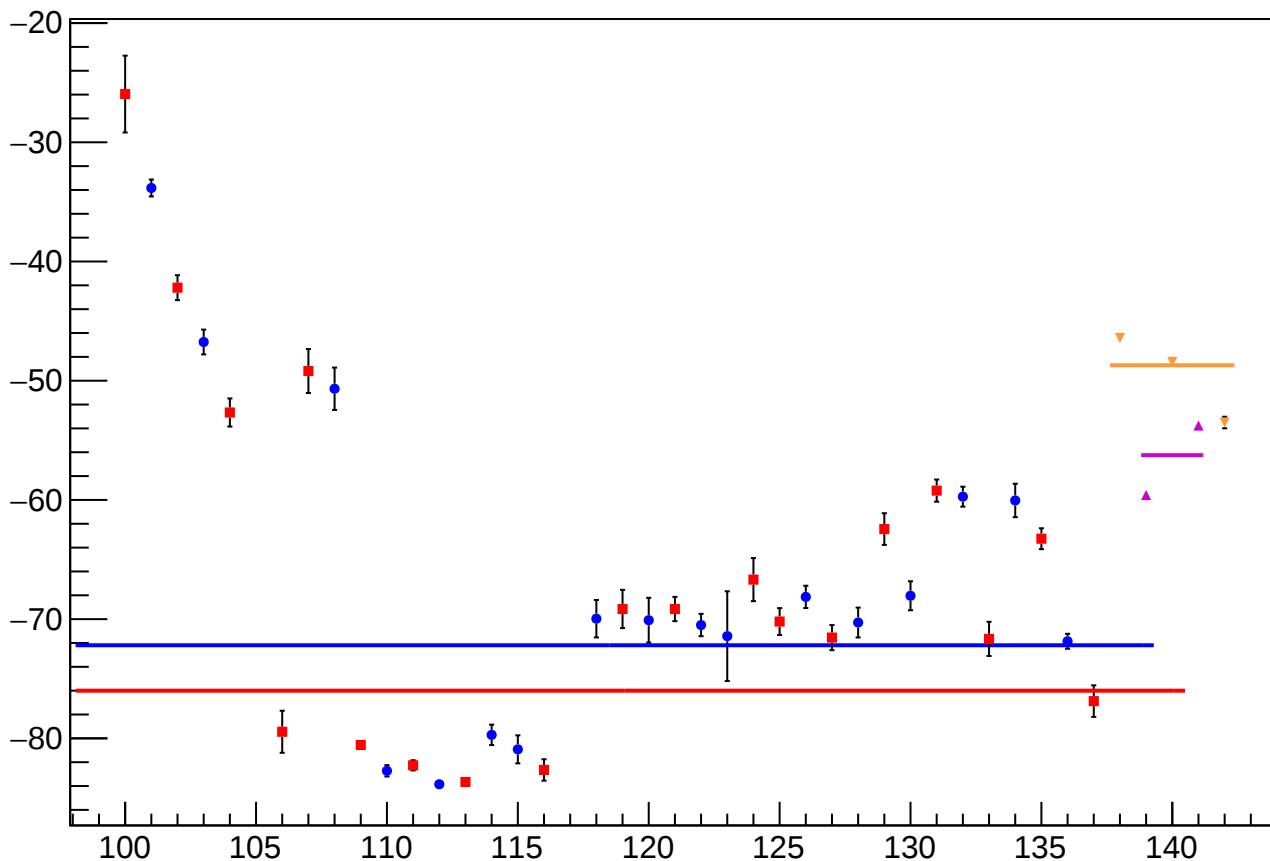
Right: 10.681+/-0.083 χ^2/NDF : 1709.6/35

In: 11.236+/-0.104 χ^2/NDF :1451.4/18

Out: 12.425+/-0.093 χ^2/NDF :1378.3/21

All: 11.894+/-0.070 χ^2/NDF : 2902.0/40

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 $\pm$ 0.198 χ^2 /NDF: 5563.0/16

Left Out: -48.707 $\pm$ 0.210 χ^2 /NDF:139.0/2

Right Out: -76.003 $\pm$ 0.181 χ^2 /NDF: 3465.3/18

Left In: -56.247 $\pm$ 0.256 χ^2 /NDF:126.8/1

Left: -51.738 $\pm$ 0.162 χ^2 /NDF: 784.8/4

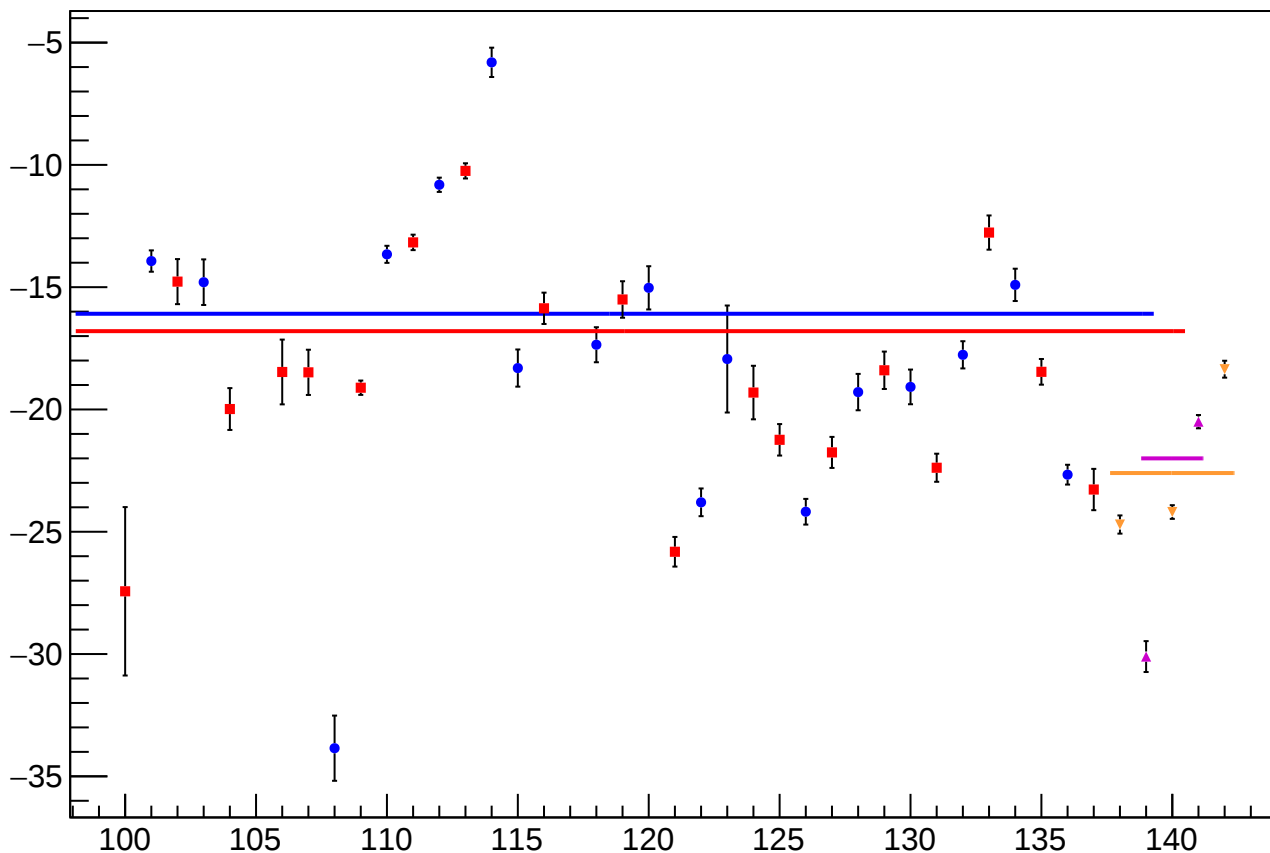
Right: -74.270 $\pm$ 0.134 χ^2 /NDF: 9230.0/35

In: -66.217 $\pm$ 0.157 χ^2 /NDF:8116.5/18

Out: -64.363 $\pm$ 0.137 χ^2 /NDF:13308.5/21

All: -65.167 $\pm$ 0.103 χ^2 /NDF: 21504.4/40

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -22.599 ± 0.188 χ^2/NDF : 215.2/2

Right Out: -16.798 ± 0.128 χ^2/NDF : 1214.0/18

Left In: -22.000 ± 0.250 χ^2/NDF : 195.0/1

Left: -22.383 ± 0.150 χ^2/NDF : 413.9/4

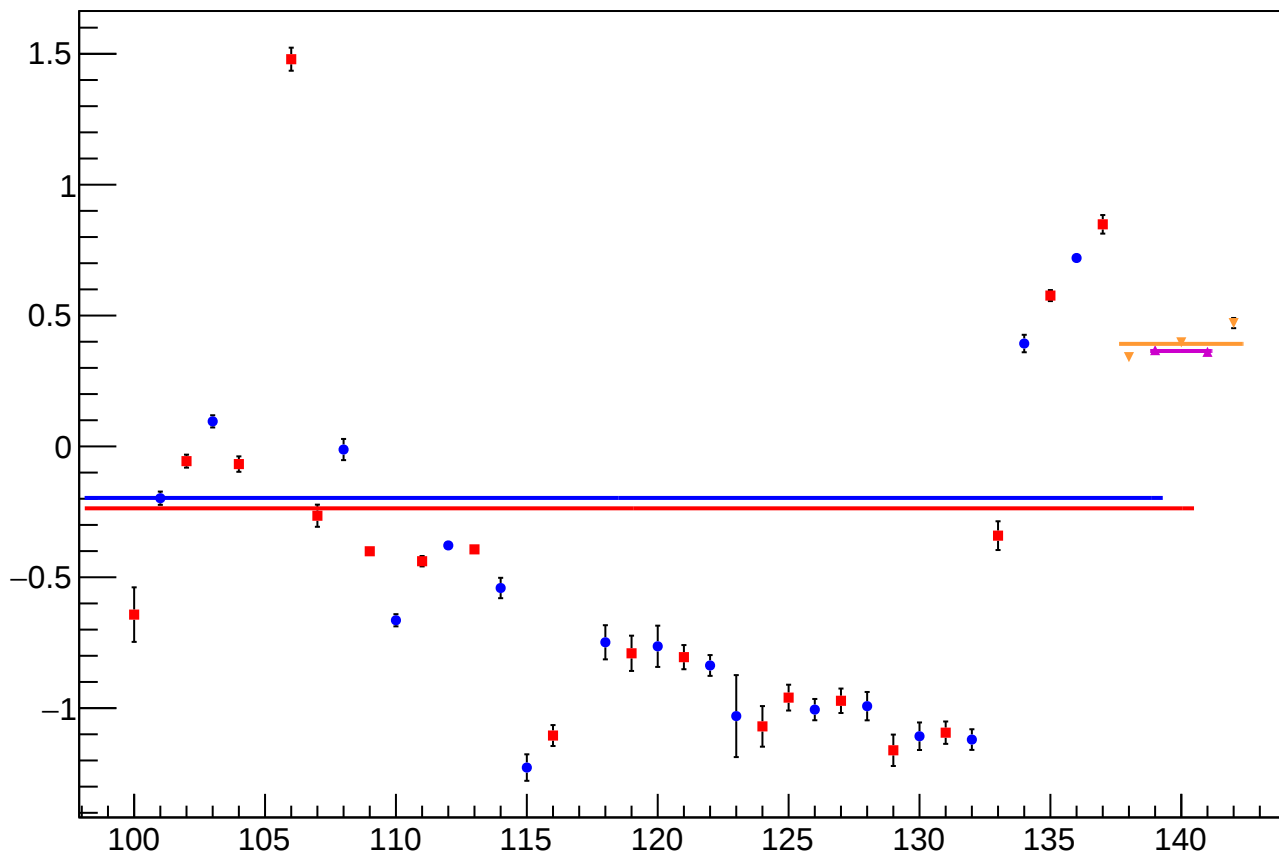
Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35

In: -17.384 ± 0.117 χ^2/NDF : 2254.3/18

Out: -18.640 ± 0.106 χ^2/NDF : 2080.0/21

All: -18.075 ± 0.078 χ^2/NDF : 4397.6/40

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.392 ± 0.009 χ^2/NDF : 29.2/2

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.365 ± 0.010 χ^2/NDF : 0.1/1

Left: 0.380 ± 0.006 χ^2/NDF : 33.6/4

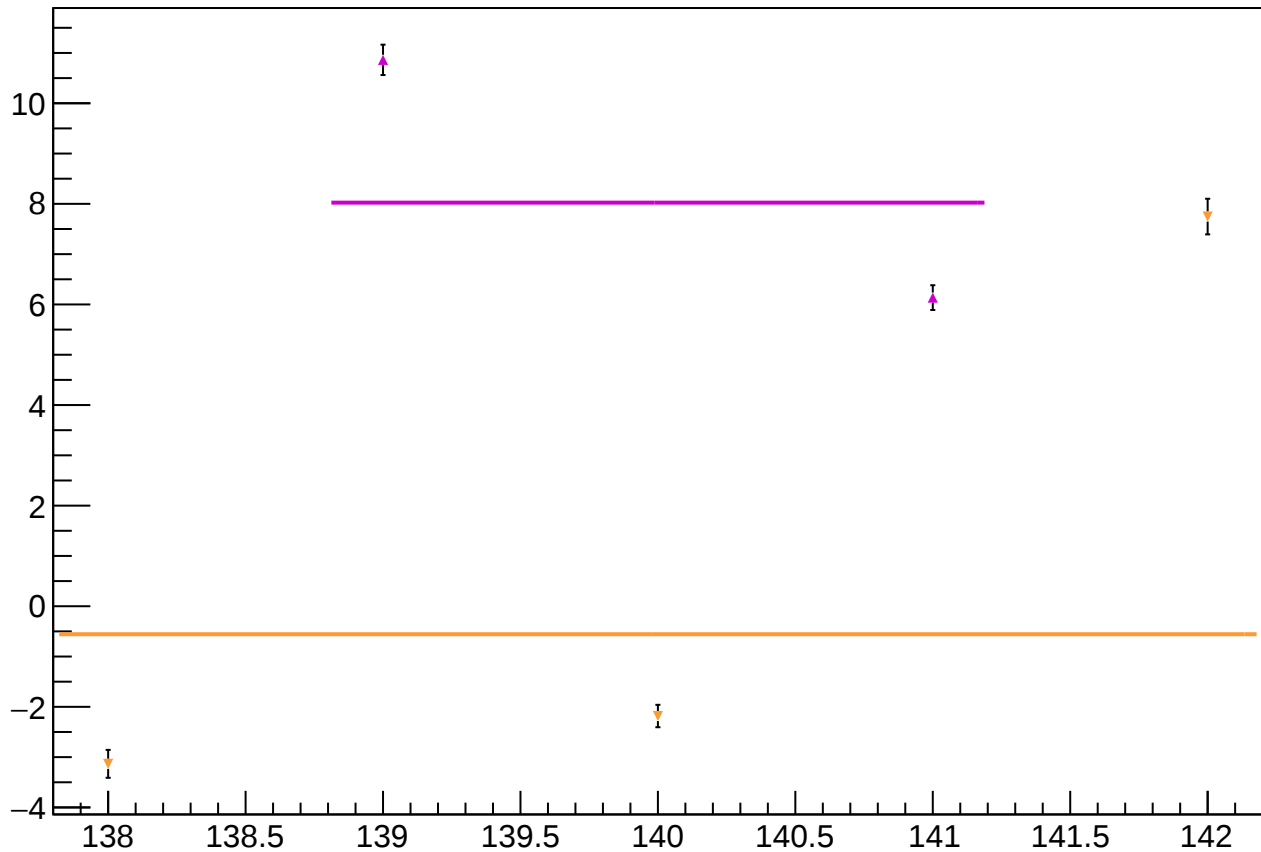
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.014 ± 0.006 χ^2/NDF : 8410.2/18

Out: 0.017 ± 0.006 χ^2/NDF : 9345.8/21

All: 0.016 ± 0.004 χ^2/NDF : 17756.0/40

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.557+/-0.156 χ^2/NDF : 689.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.024+/-0.191 χ^2/NDF : 147.3/1

Left: 2.881+/-0.121 χ^2/NDF : 2049.5/4

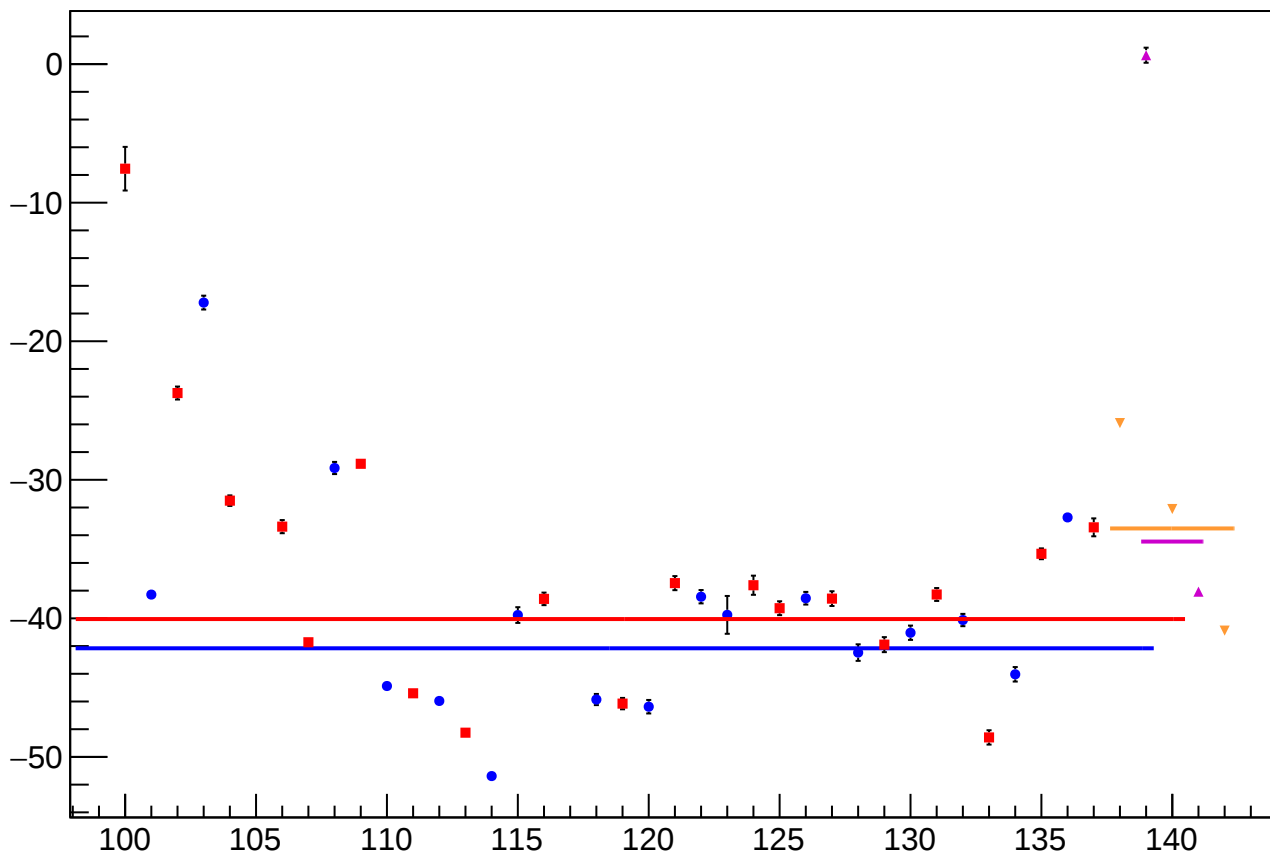
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.024+/-0.191 χ^2/NDF : 147.3/1

Out: -0.557+/-0.156 χ^2/NDF : 689.5/2

All: 2.881+/-0.121 χ^2/NDF : 2049.5/4

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -33.511 ± 0.125 χ^2/NDF : 1947.0/2

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -34.458 ± 0.166 χ^2/NDF : 4581.9/1

Left: -33.851 ± 0.100 χ^2/NDF : 6549.6/4

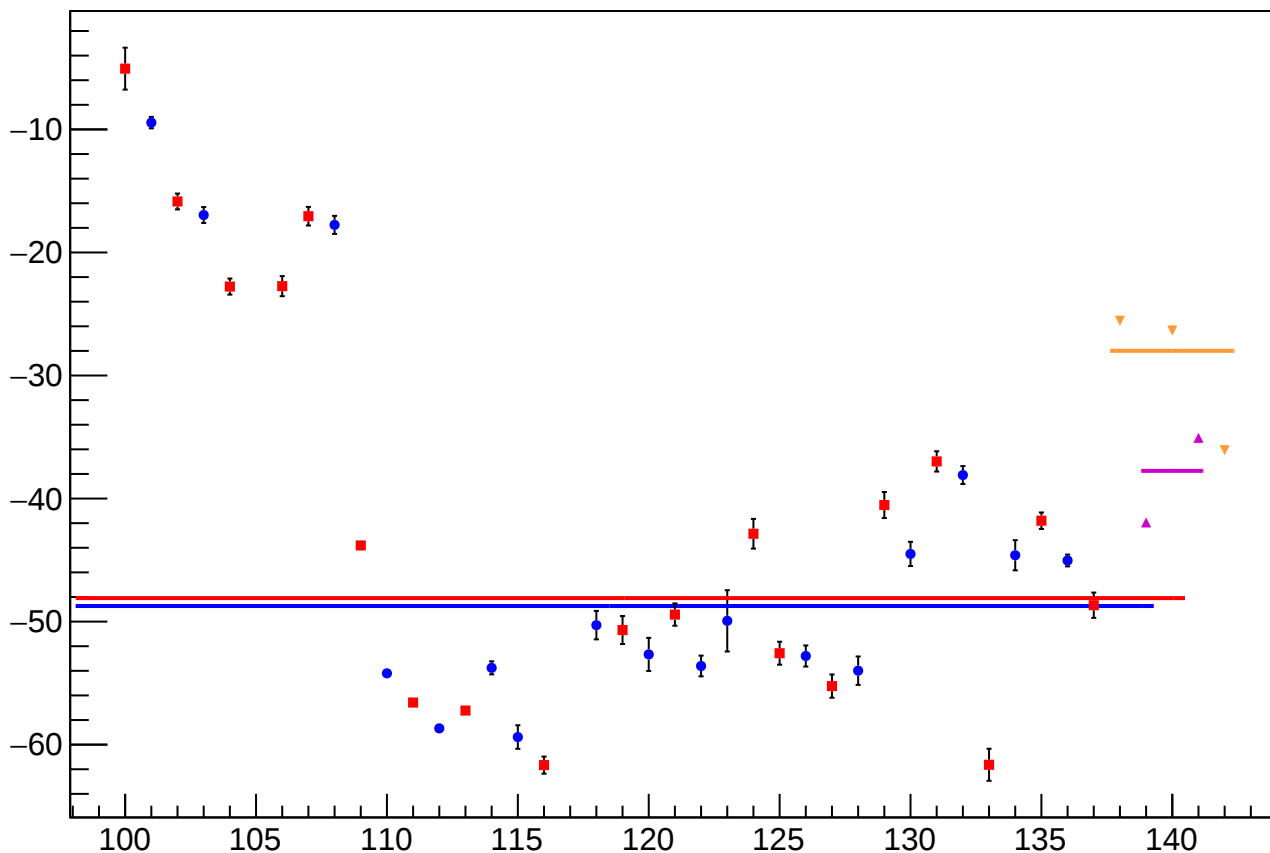
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -40.775 ± 0.071 χ^2/NDF : 12909.2/18

Out: -38.388 ± 0.063 χ^2/NDF : 15310.6/21

All: -39.444 ± 0.047 χ^2/NDF : 28858.1/40

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -27.992 ± 0.167 $\chi^2/\text{NDF}: 568.5/2$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -37.749 ± 0.204 $\chi^2/\text{NDF}: 269.5/1$

Left: -31.904 ± 0.129 $\chi^2/\text{NDF}: 2204.4/4$

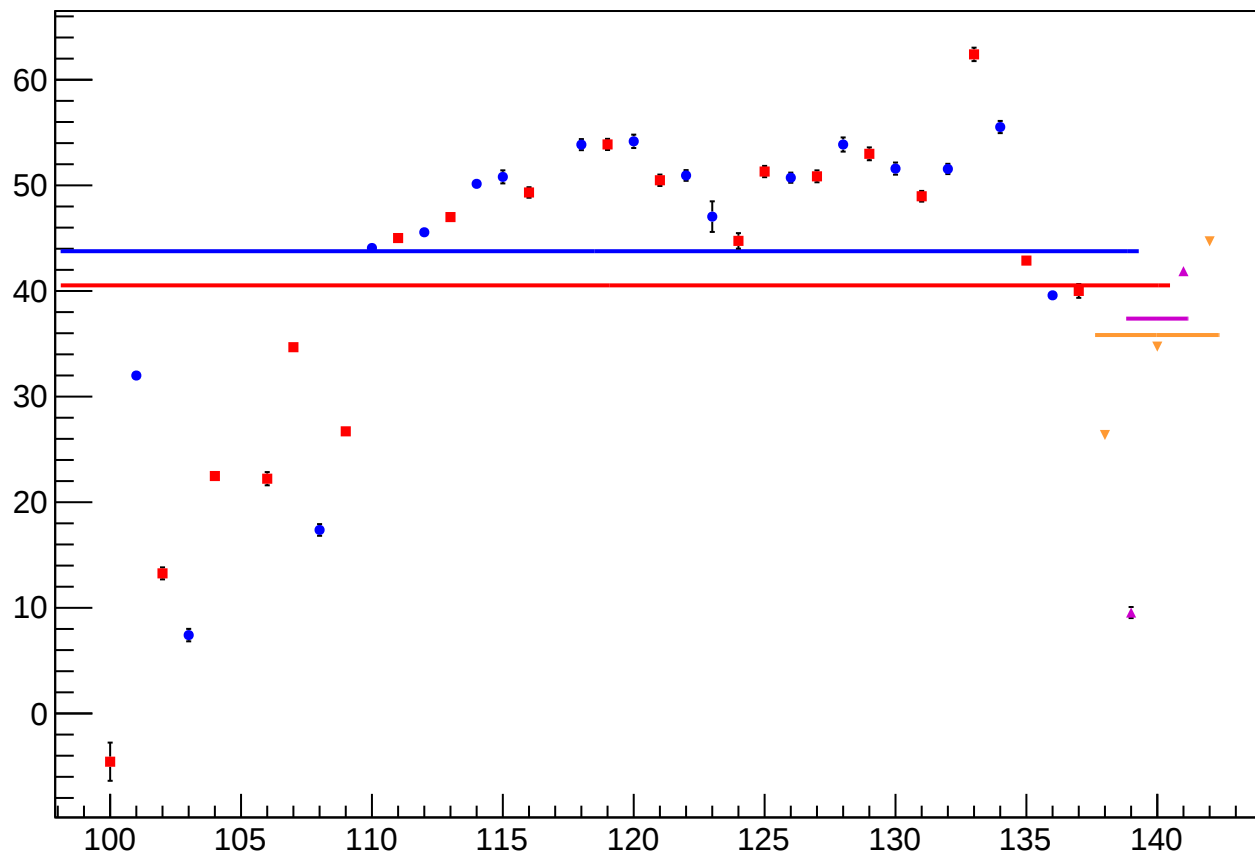
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -45.753 ± 0.106 $\chi^2/\text{NDF}: 17034.7/18$

Out: -42.230 ± 0.090 $\chi^2/\text{NDF}: 22543.1/21$

All: -43.704 ± 0.069 $\chi^2/\text{NDF}: 40215.1/40$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767+/-0.087 χ^2/NDF : 10633.5/16

Left Out: 35.830+/-0.149 χ^2/NDF : 2026.0/2

Right Out: 40.531+/-0.080 χ^2/NDF : 17580.8/18

Left In: 37.384+/-0.195 χ^2/NDF : 3272.3/1

Left: 36.402+/-0.119 χ^2/NDF : 5338.2/4

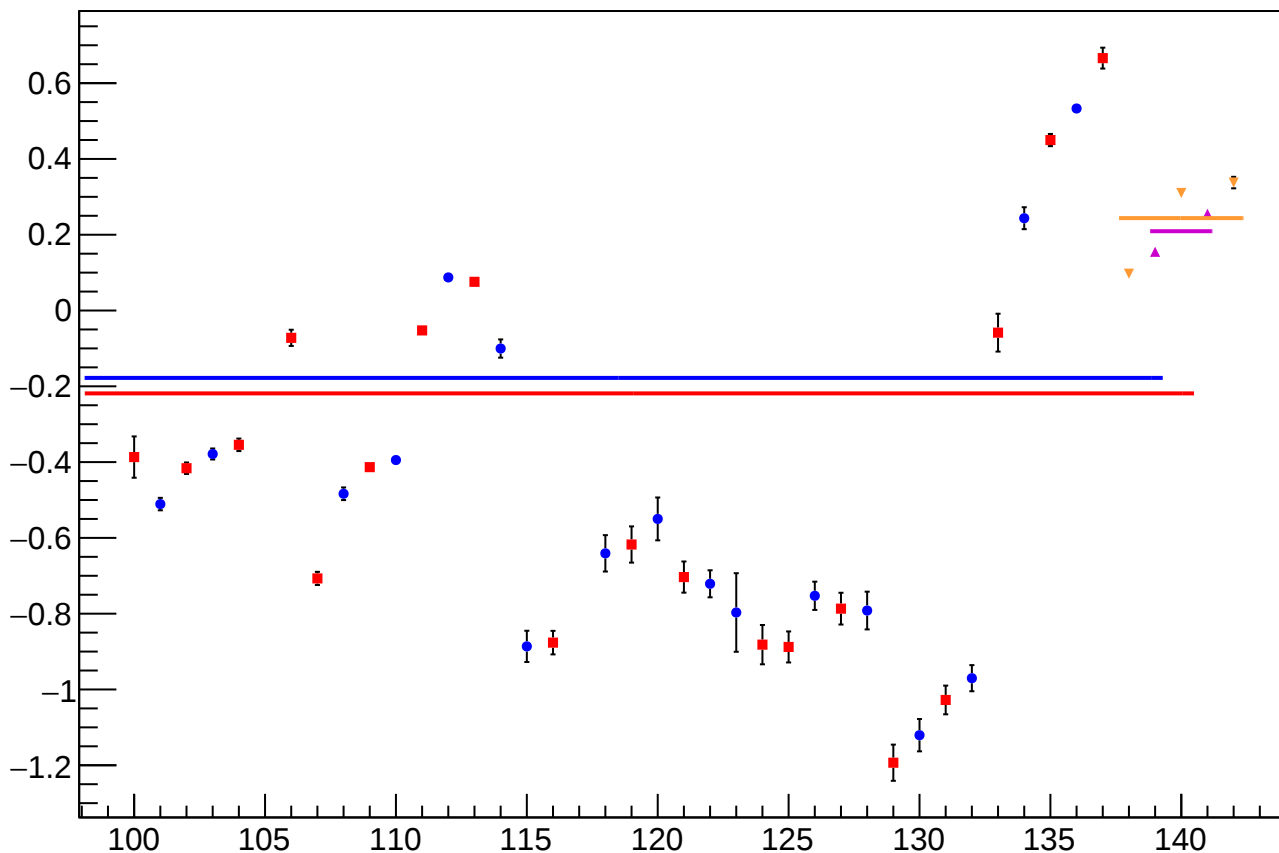
Right: 42.021+/-0.059 χ^2/NDF : 28963.8/35

In: 42.715+/-0.079 χ^2/NDF : 14796.5/18

Out: 39.478+/-0.071 χ^2/NDF : 20376.9/21

All: 40.909+/-0.053 χ^2/NDF : 36102.1/40

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.244 ± 0.007 χ^2/NDF : 230.0/2

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.209 ± 0.008 χ^2/NDF : 41.3/1

Left: 0.229 ± 0.005 χ^2/NDF : 282.3/4

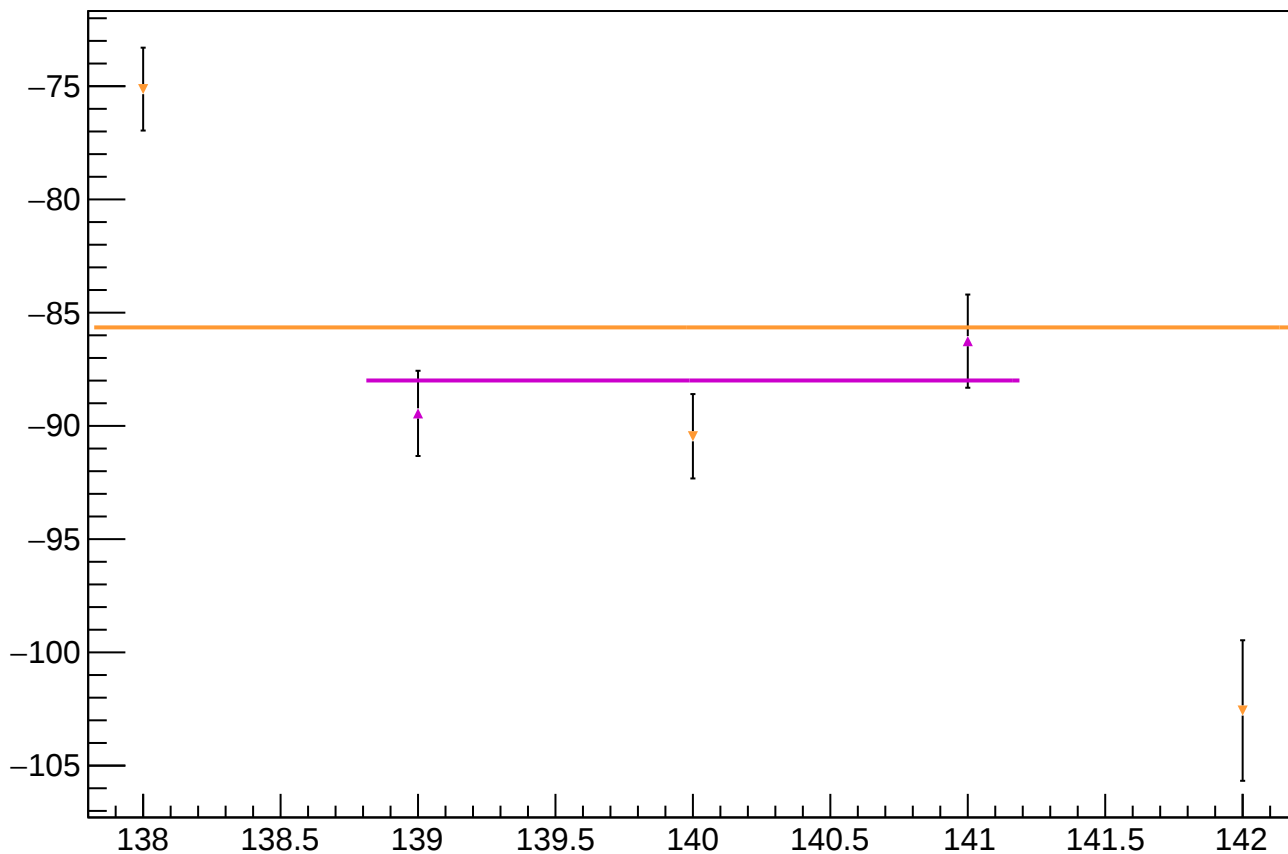
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: -0.070 ± 0.004 χ^2/NDF : 9190.5/18

Out: -0.091 ± 0.004 χ^2/NDF : 10898.4/21

All: -0.081 ± 0.003 χ^2/NDF : 20103.3/40

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -85.651+/-1.203 χ^2/NDF : 69.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -87.995+/-1.388 χ^2/NDF : 1.3/1

Left: -86.656+/-0.909 χ^2/NDF : 72.4/4

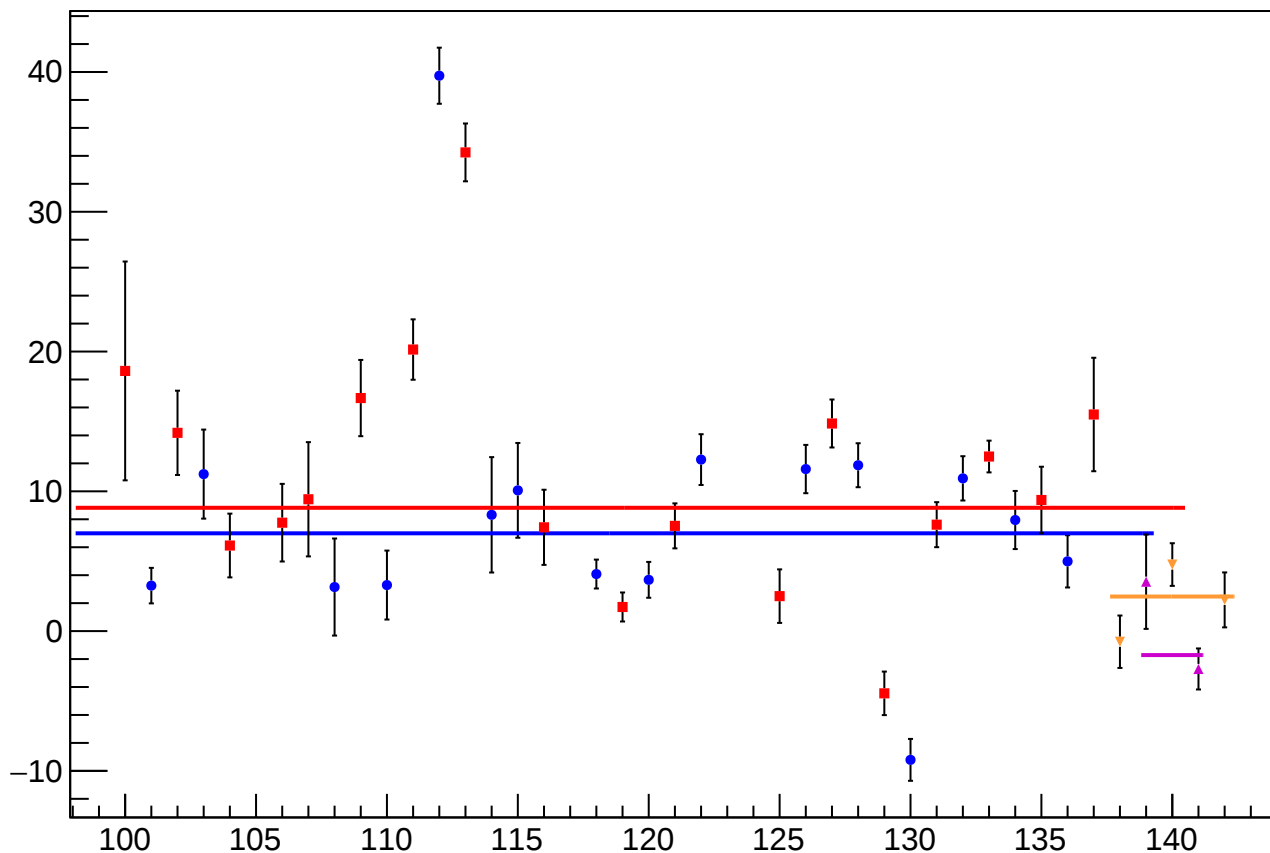
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.995+/-1.388 χ^2/NDF : 1.3/1

Out: -85.651+/-1.203 χ^2/NDF : 69.4/2

All: -86.656+/-0.909 χ^2/NDF : 72.4/4

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.474 $\pm$ 1.014 χ^2 /NDF: 5.2/2

Right Out: 8.822 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: -1.716 $\pm$ 1.346 χ^2 /NDF: 2.9/1

Left: 0.958 $\pm$ 0.810 χ^2 /NDF: 14.3/4

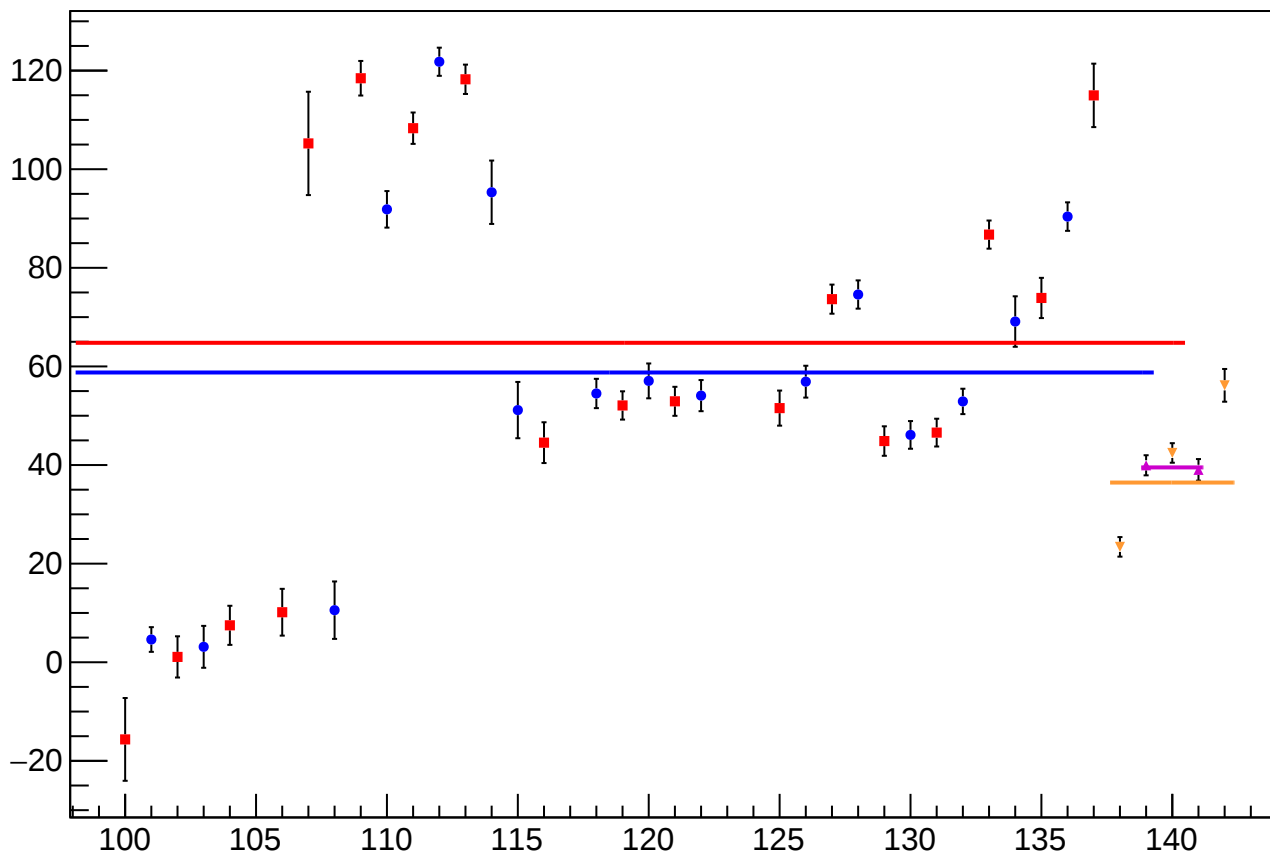
Right: 7.879 $\pm$ 0.312 χ^2 /NDF: 804.3/33

In: 6.175 $\pm$ 0.413 χ^2 /NDF: 486.1/17

Out: 7.782 $\pm$ 0.410 χ^2 /NDF: 388.4/20

All: 6.984 $\pm$ 0.291 χ^2 /NDF: 882.2/38

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: 36.447 $\pm$ 1.292 χ^2 /NDF:87.6/2

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 39.519 $\pm$ 1.491 χ^2 /NDF:0.1/1

Left: 37.764 $\pm$ 0.977 χ^2 /NDF: 90.1/4

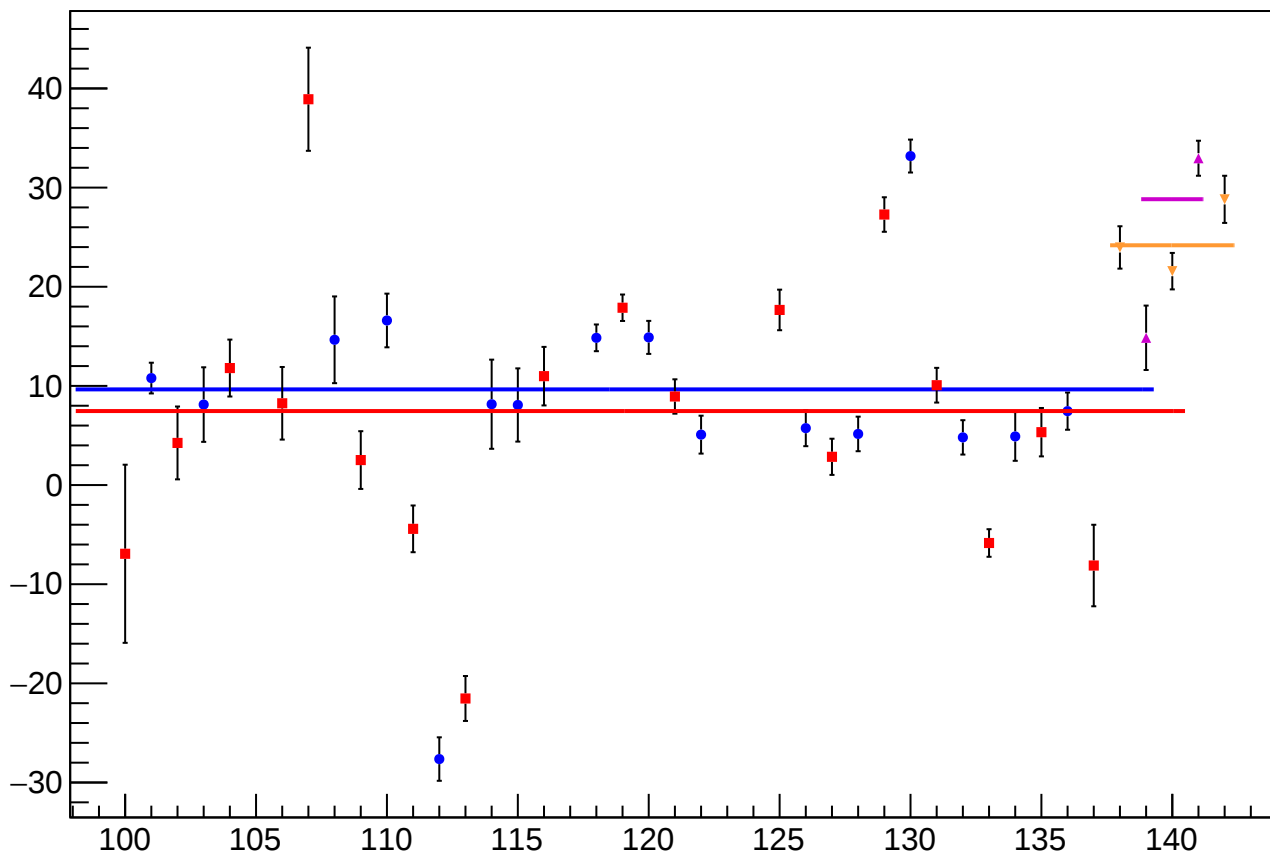
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 54.194 $\pm$ 0.727 χ^2 /NDF:1620.4/17

Out: 56.366 $\pm$ 0.705 χ^2 /NDF:2143.8/20

All: 55.314 $\pm$ 0.506 χ^2 /NDF: 3768.8/38

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: 24.183 ± 1.203 $\chi^2/\text{NDF}: 5.8/2$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 28.829 ± 1.552 $\chi^2/\text{NDF}: 24.0/1$

Left: 25.927 ± 0.951 $\chi^2/\text{NDF}: 35.4/4$

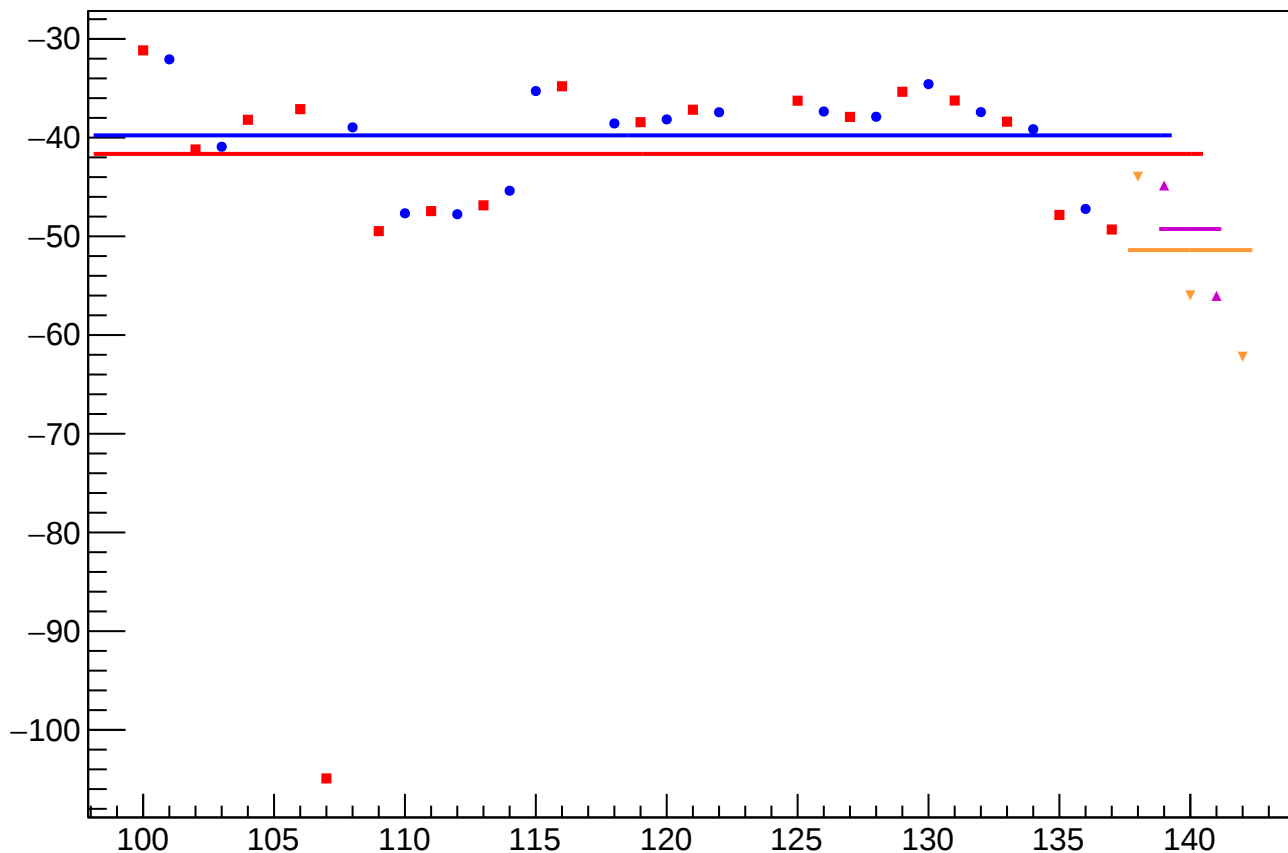
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 11.466 ± 0.478 $\chi^2/\text{NDF}: 715.9/17$

Out: 10.059 ± 0.474 $\chi^2/\text{NDF}: 735.9/20$

All: 10.757 ± 0.336 $\chi^2/\text{NDF}: 1456.2/38$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -51.394 ± 0.053 χ^2/NDF : 18446.1/2

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -49.258 ± 0.056 χ^2/NDF : 9676.5/1

Left: -50.373 ± 0.038 χ^2/NDF : 28893.8/4

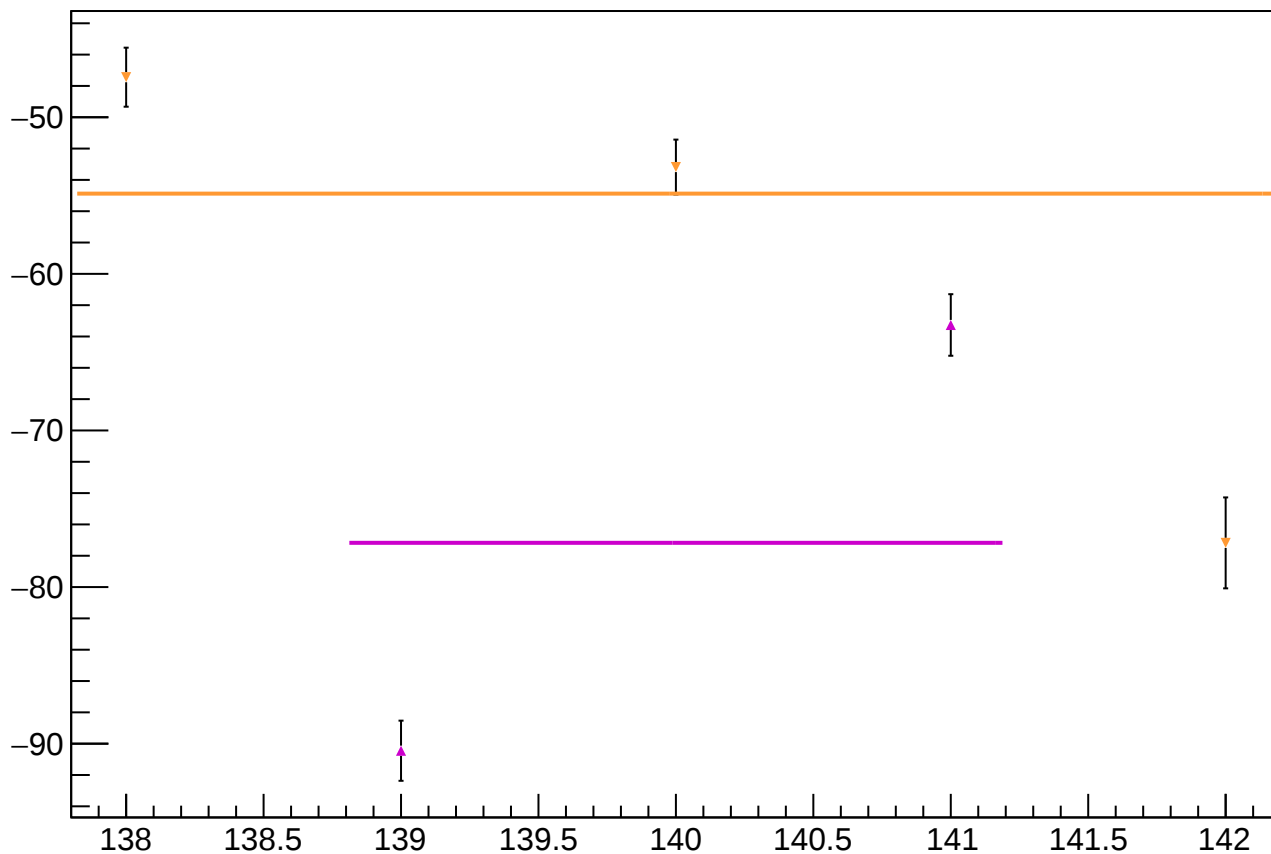
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -42.034 ± 0.027 χ^2/NDF : 58040.4/17

Out: -44.143 ± 0.027 χ^2/NDF : 137955.0/20

All: -43.098 ± 0.019 χ^2/NDF : 199040.7/38

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -54.877+/-1.174 χ^2/NDF : 75.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -77.175+/-1.374 χ^2/NDF : 97.9/1

Left: -64.288+/-0.892 χ^2/NDF : 325.7/4

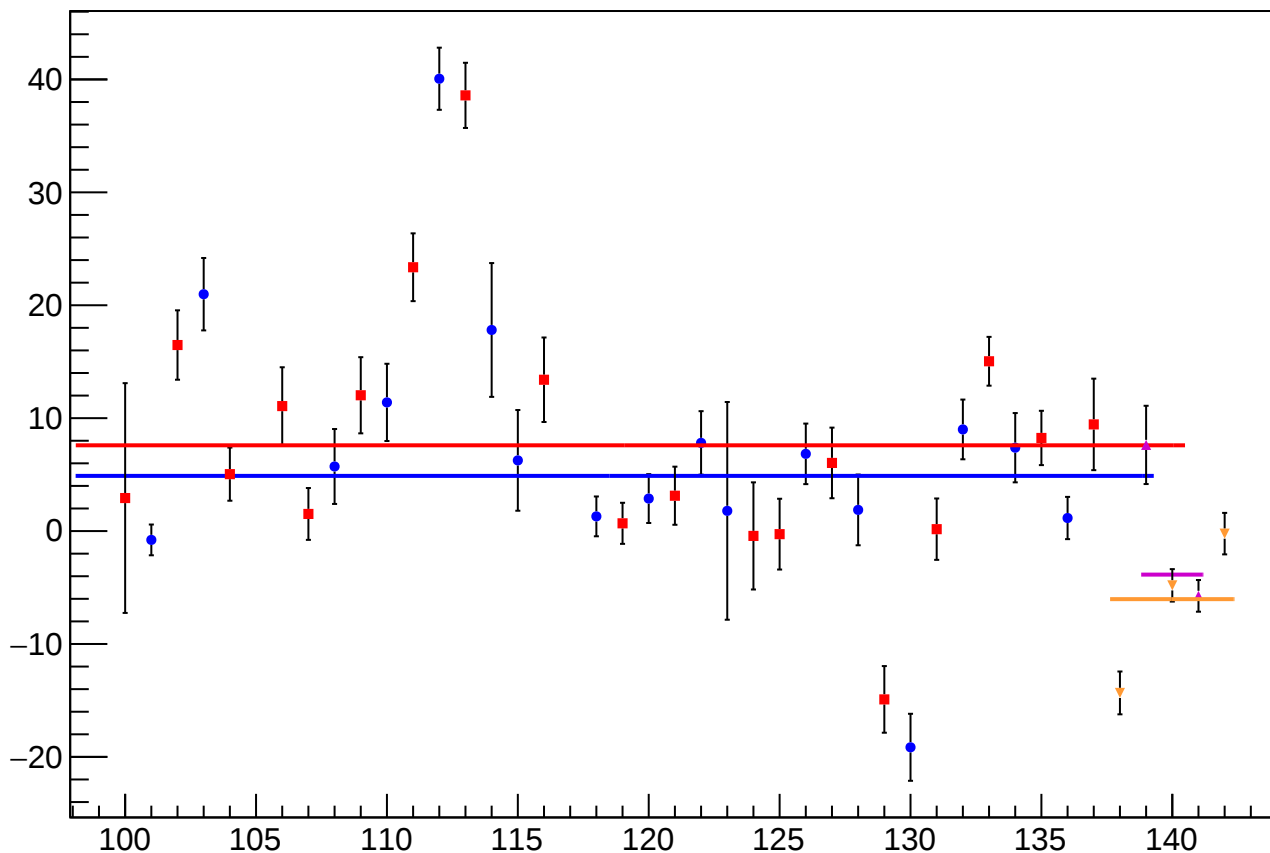
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -77.175+/-1.374 χ^2/NDF : 97.9/1

Out: -54.877+/-1.174 χ^2/NDF : 75.5/2

All: -64.288+/-0.892 χ^2/NDF : 325.7/4

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2/NDF : 294.7/16

Left Out: -6.029 $\pm$ 0.972 χ^2/NDF : 29.9/2

Right Out: 7.596 $\pm$ 0.651 χ^2/NDF : 269.4/18

Left In: -3.856 $\pm$ 1.301 χ^2/NDF : 12.8/1

Left: -5.250 $\pm$ 0.779 χ^2/NDF : 44.5/4

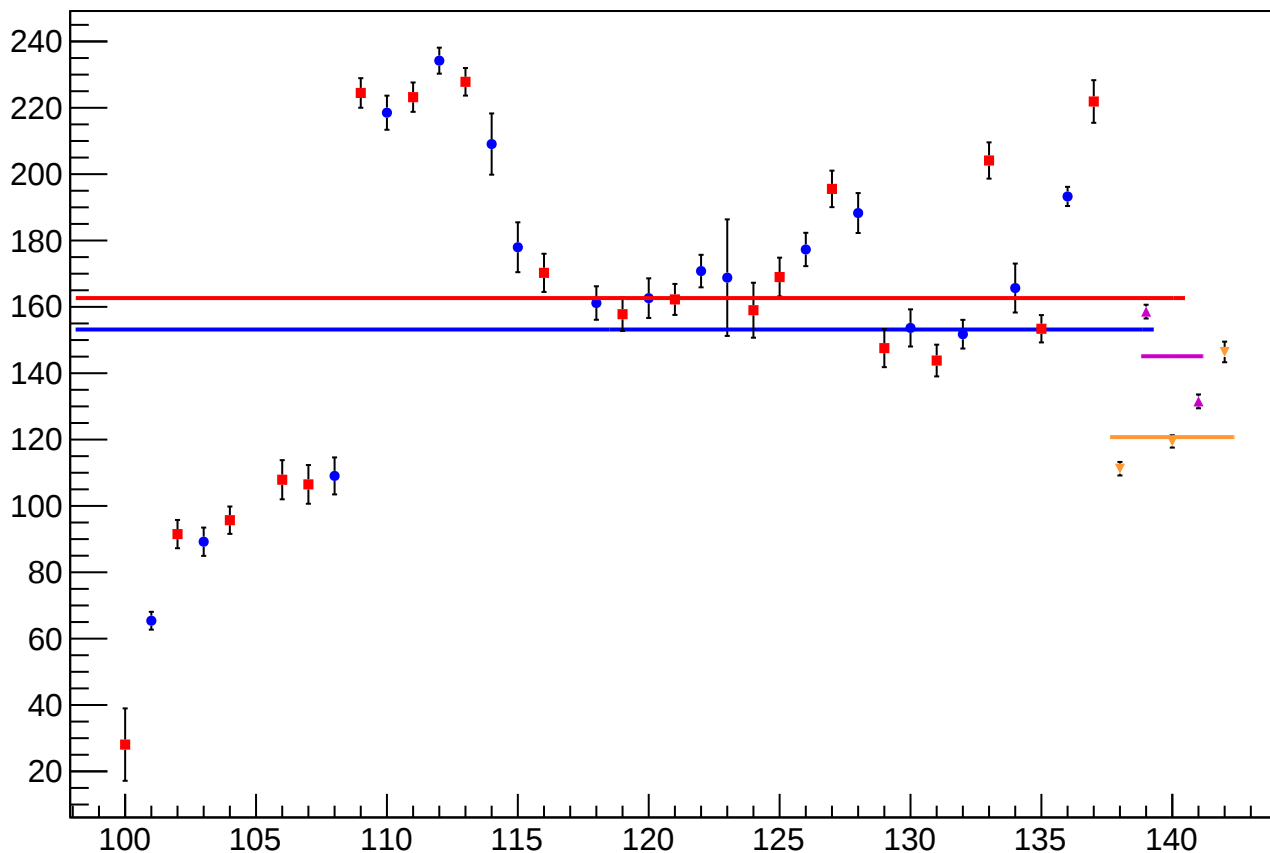
Right: 6.180 $\pm$ 0.450 χ^2/NDF : 573.2/35

In: 3.261 $\pm$ 0.561 χ^2/NDF : 344.3/18

Out: 3.378 $\pm$ 0.541 χ^2/NDF : 434.9/21

All: 3.321 $\pm$ 0.389 χ^2/NDF : 779.2/40

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 120.746+/-1.260 χ^2/NDF : 90.5/2

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 145.116+/-1.474 χ^2/NDF : 84.3/1

Left: 131.034+/-0.957 χ^2/NDF : 332.8/4

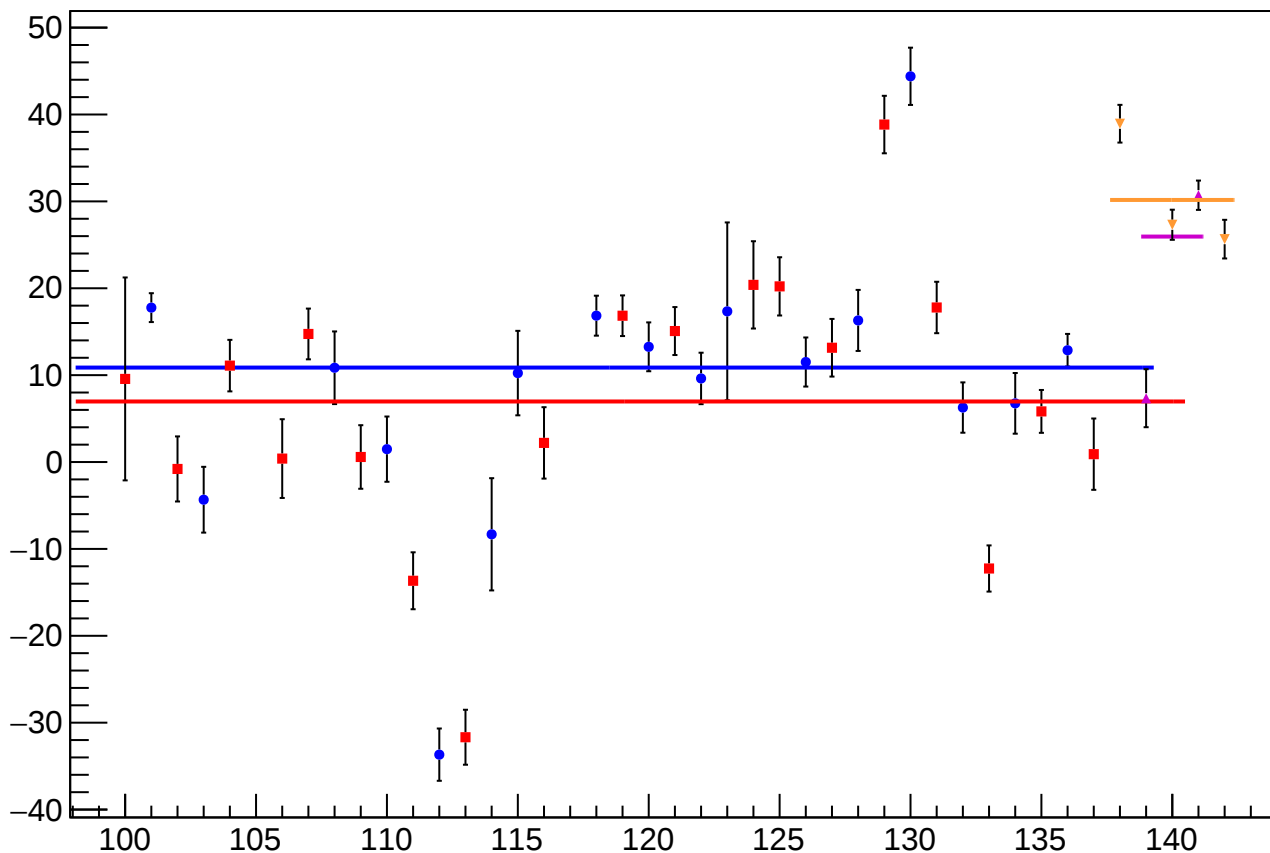
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 150.136+/-0.905 χ^2/NDF : 2367.2/18

Out: 143.129+/-0.860 χ^2/NDF : 2390.3/21

All: 146.454+/-0.623 χ^2/NDF : 4789.0/40

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 $\chi^2/\text{NDF}: 386.7/16$

Left Out: 30.164 ± 1.157 $\chi^2/\text{NDF}: 23.2/2$

Right Out: 6.969 ± 0.748 $\chi^2/\text{NDF}: 422.3/18$

Left In: 25.950 ± 1.506 $\chi^2/\text{NDF}: 39.0/1$

Left: 28.600 ± 0.917 $\chi^2/\text{NDF}: 67.1/4$

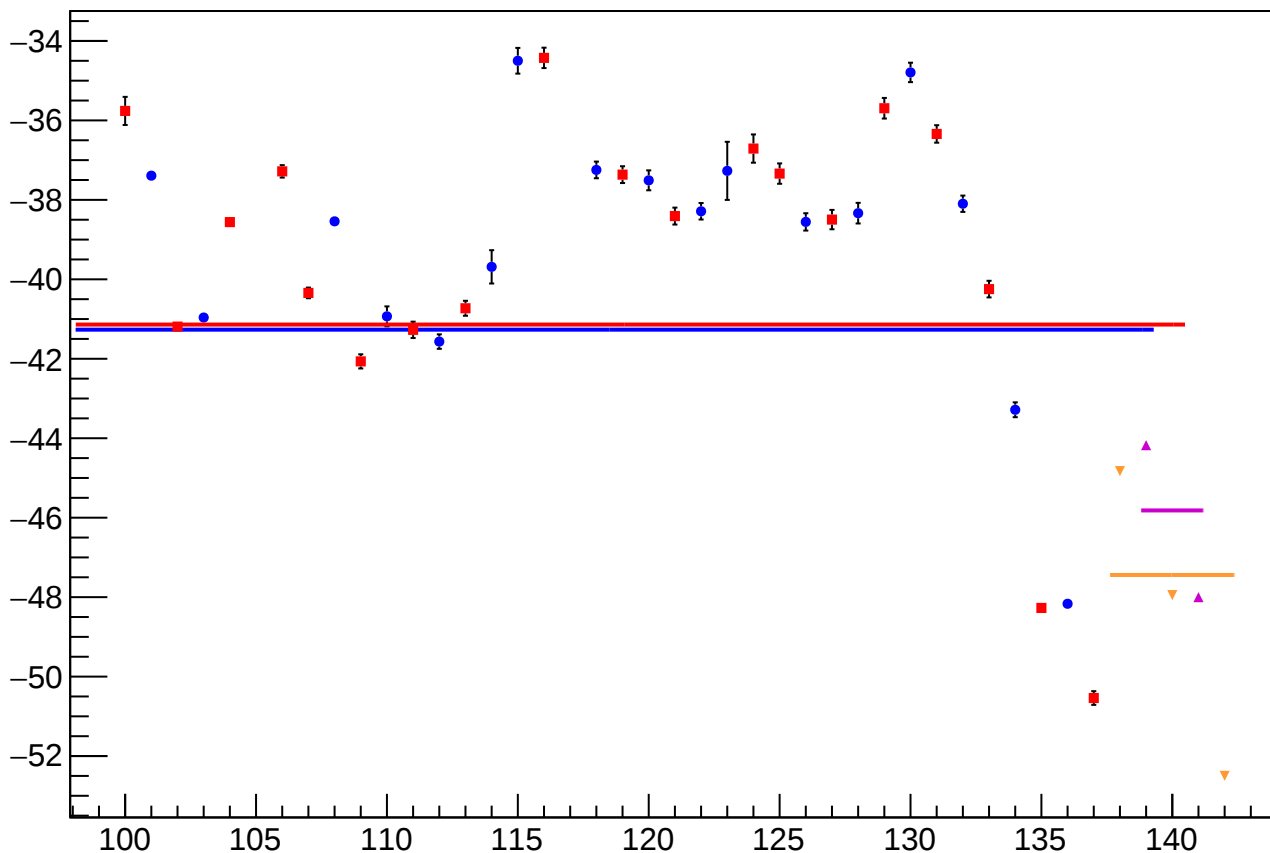
Right: 9.009 ± 0.517 $\chi^2/\text{NDF}: 823.3/35$

In: 13.642 ± 0.646 $\chi^2/\text{NDF}: 507.6/18$

Out: 13.801 ± 0.628 $\chi^2/\text{NDF}: 729.1/21$

All: 13.724 ± 0.450 $\chi^2/\text{NDF}: 1236.7/40$

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -47.442 ± 0.052 $\chi^2/\text{NDF}: 2729.0/2$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -45.817 ± 0.055 $\chi^2/\text{NDF}: 1168.9/1$

Left: -46.679 ± 0.038 $\chi^2/\text{NDF}: 4354.2/4$

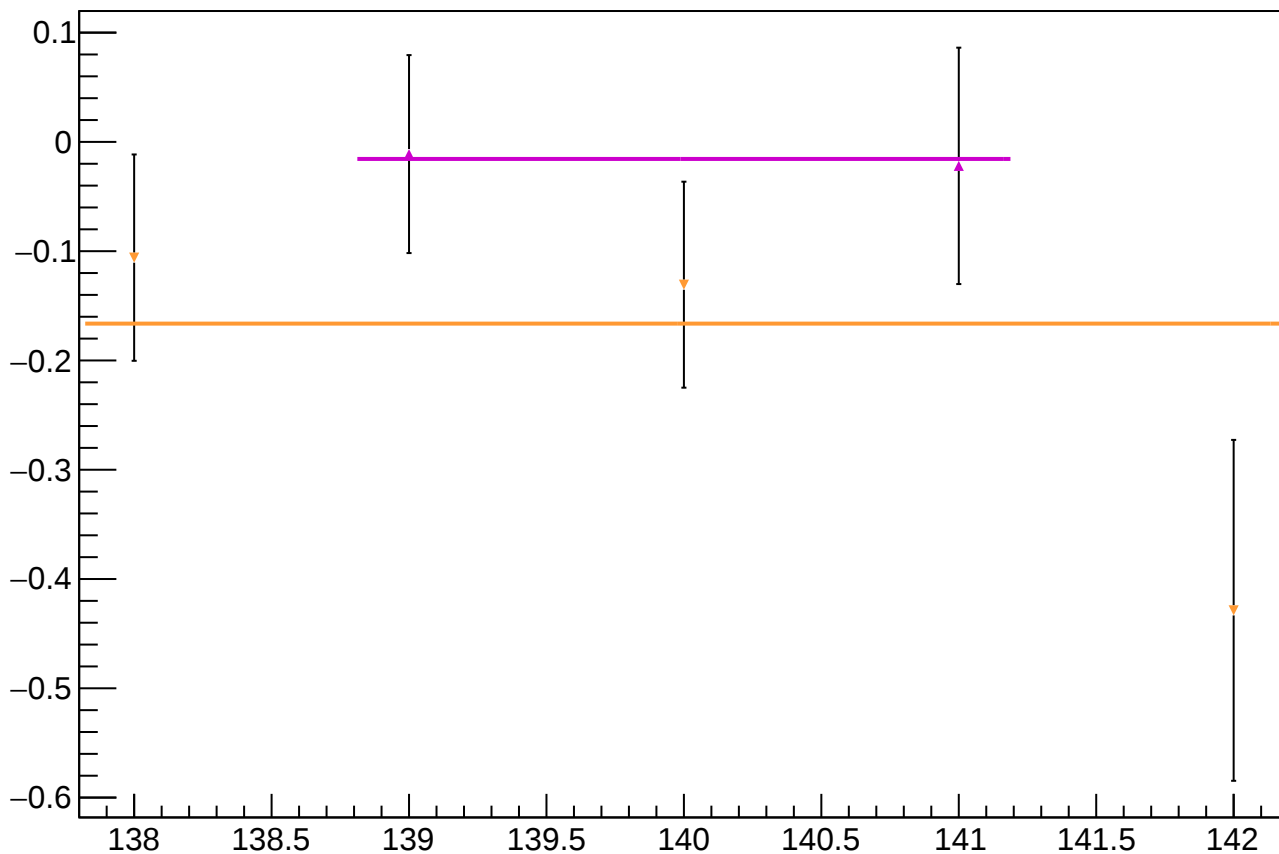
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -42.751 ± 0.032 $\chi^2/\text{NDF}: 18299.2/18$

Out: -43.373 ± 0.031 $\chi^2/\text{NDF}: 24414.3/21$

All: -43.068 ± 0.022 $\chi^2/\text{NDF}: 42910.6/40$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.166+/-0.061 χ^2/NDF : 3.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.016+/-0.069 χ^2/NDF : 0.0/1

Left: -0.100+/-0.046 χ^2/NDF : 6.0/4

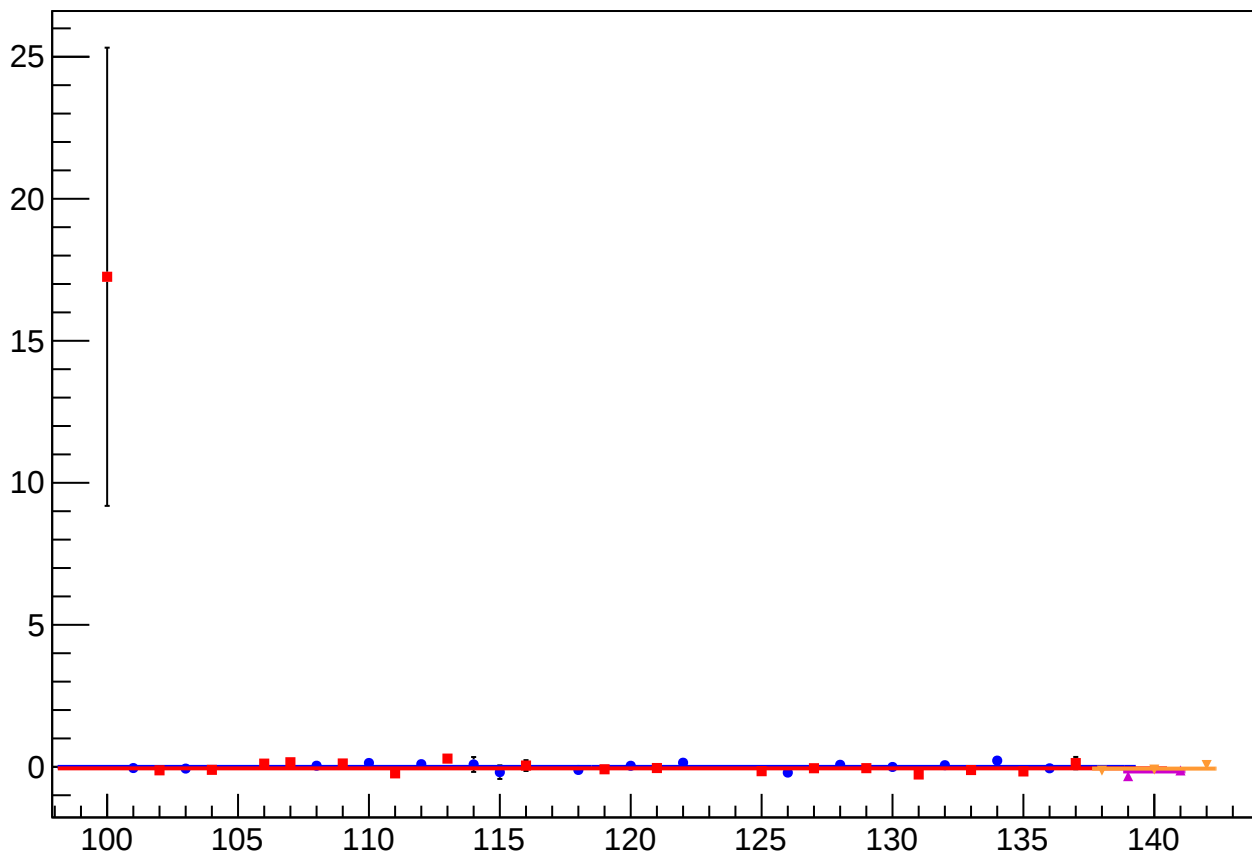
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.016+/-0.069 χ^2/NDF : 0.0/1

Out: -0.166+/-0.061 χ^2/NDF : 3.4/2

All: -0.100+/-0.046 χ^2/NDF : 6.0/4

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.062 ± 0.052 χ^2/NDF : 2.3/2

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.163 ± 0.070 χ^2/NDF : 1.2/1

Left: -0.098 ± 0.042 χ^2/NDF : 4.9/4

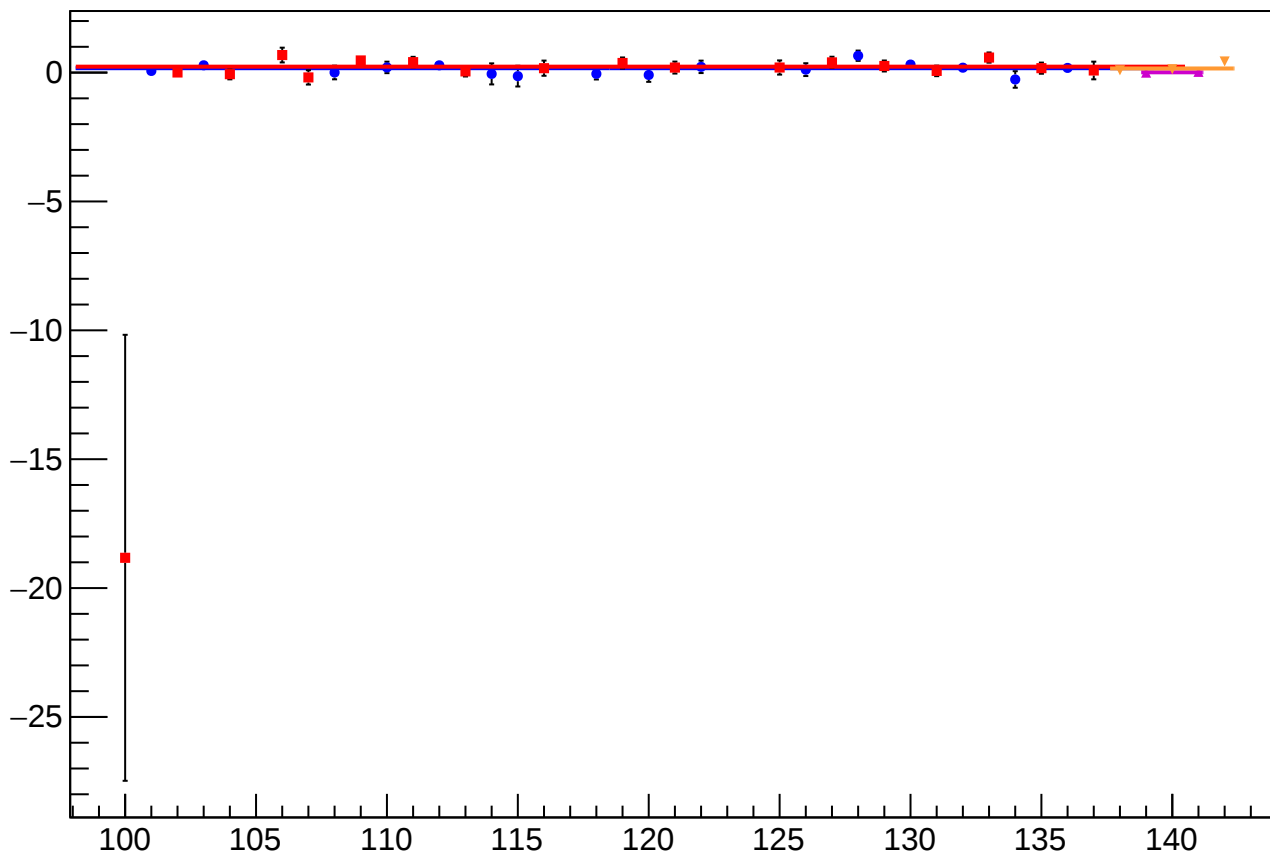
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.024 ± 0.026 χ^2/NDF : 17.8/17

Out: -0.055 ± 0.026 χ^2/NDF : 27.9/20

All: -0.040 ± 0.018 χ^2/NDF : 46.5/38

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.159 $\pm$ 0.066 χ^2 /NDF:3.2/2

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.011 $\pm$ 0.075 χ^2 /NDF:0.0/1

Left: 0.094 $\pm$ 0.049 χ^2 /NDF: 5.5/4

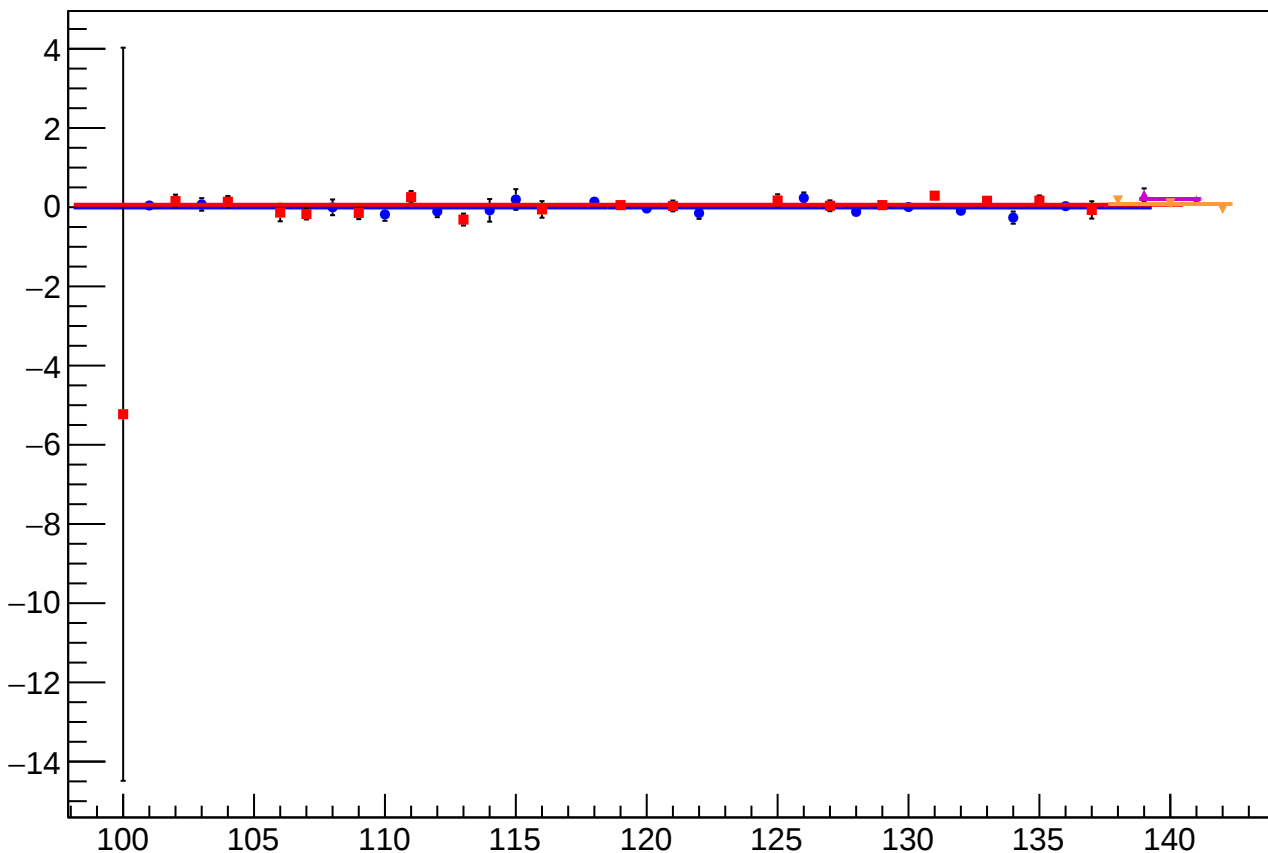
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.117 $\pm$ 0.043 χ^2 /NDF:16.1/17

Out: 0.201 $\pm$ 0.042 χ^2 /NDF:25.5/20

All: 0.160 $\pm$ 0.030 χ^2 /NDF: 43.6/38

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.080 ± 0.062 $\chi^2/\text{NDF}: 1.8/2$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.3/17$

Left In: 0.207 ± 0.080 $\chi^2/\text{NDF}: 0.7/1$

Left: 0.128 ± 0.049 $\chi^2/\text{NDF}: 4.0/4$

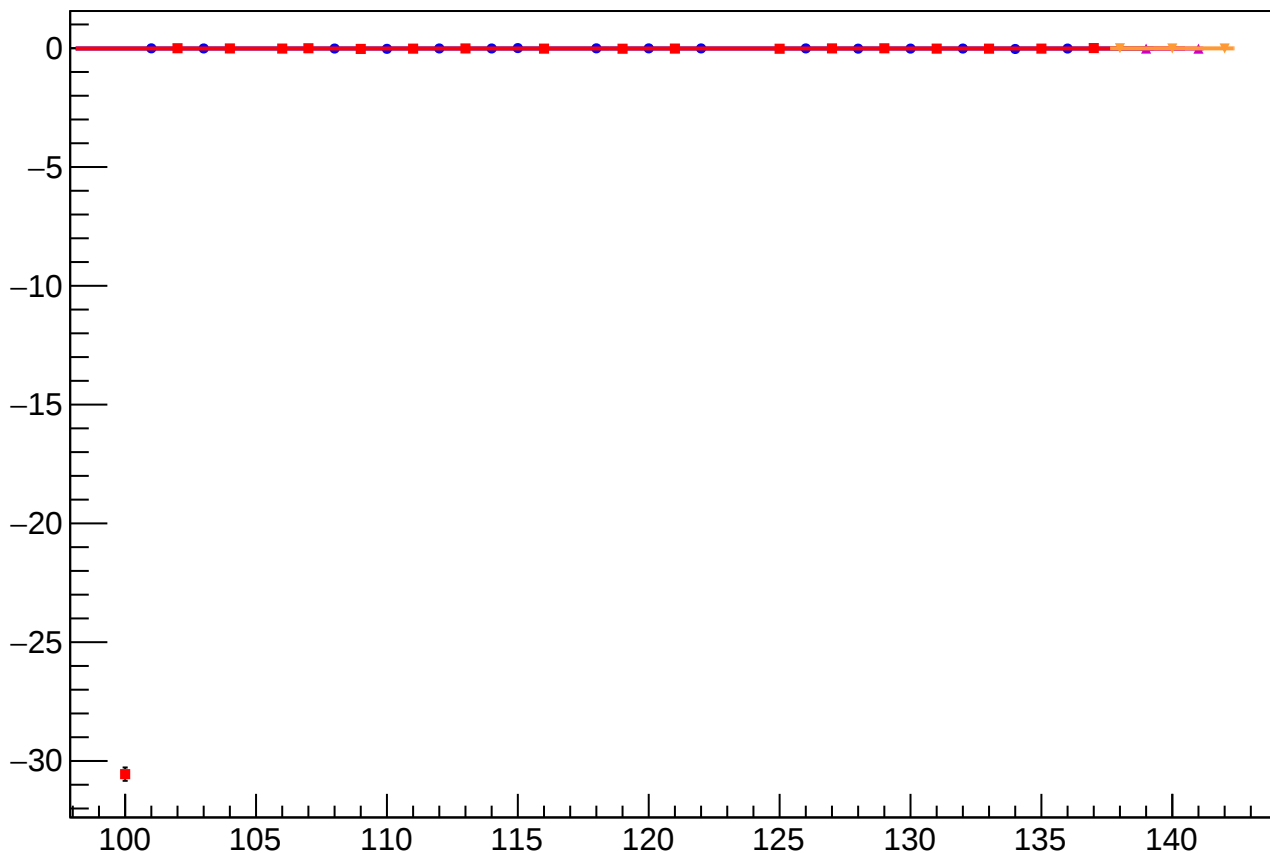
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.6/33$

In: 0.024 ± 0.030 $\chi^2/\text{NDF}: 20.0/17$

Out: 0.066 ± 0.030 $\chi^2/\text{NDF}: 22.2/20$

All: 0.045 ± 0.021 $\chi^2/\text{NDF}: 43.2/38$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.006 ± 0.003 χ^2/NDF : 2.5/2

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.016 ± 0.003 χ^2/NDF : 0.2/1

Left: -0.011 ± 0.002 χ^2/NDF : 9.8/4

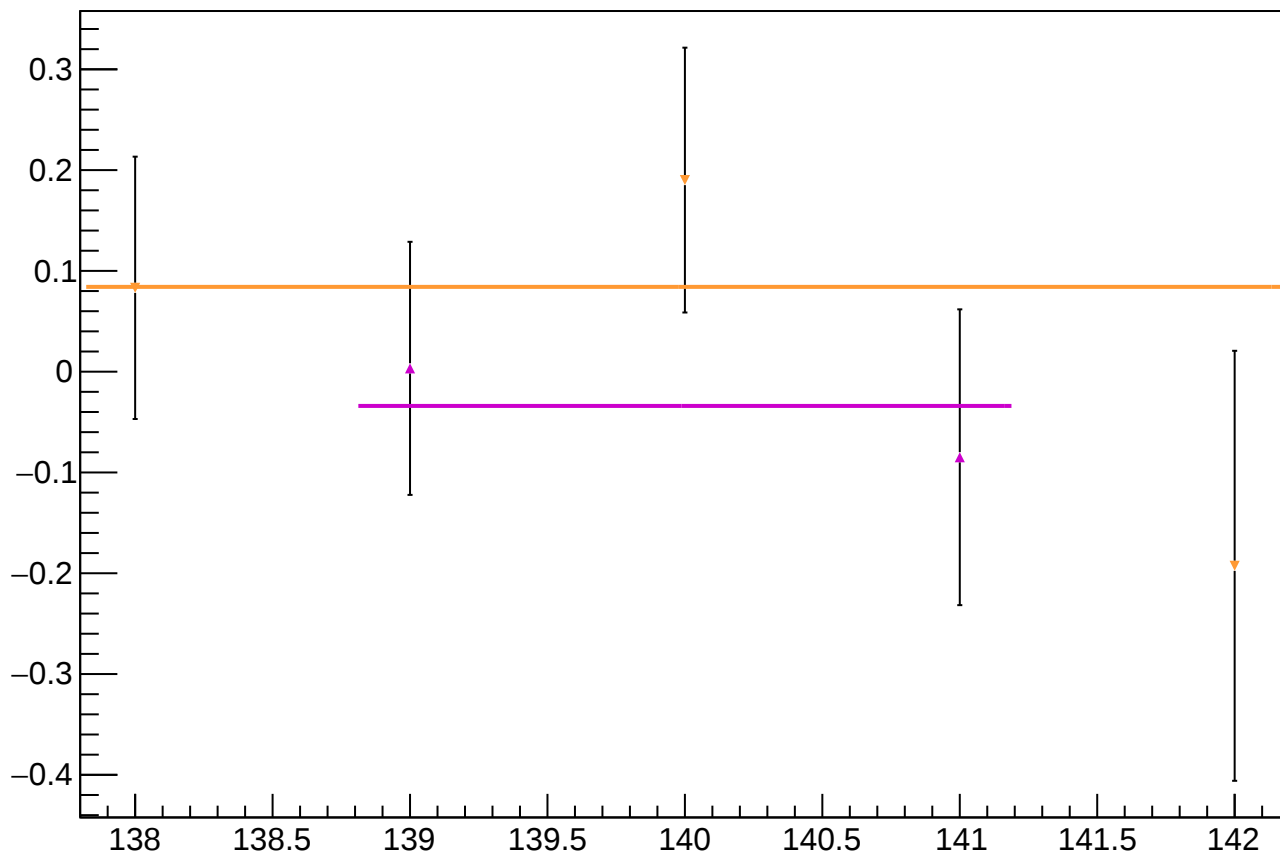
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.013 ± 0.002 χ^2/NDF : 15.0/17

Out: -0.010 ± 0.001 χ^2/NDF : 11896.2/20

All: -0.012 ± 0.001 χ^2/NDF : 11913.3/38

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.084 $\pm$ 0.085 χ^2 /NDF:2.3/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.034 $\pm$ 0.095 χ^2 /NDF:0.2/1

Left: 0.032 $\pm$ 0.063 χ^2 /NDF: 3.4/4

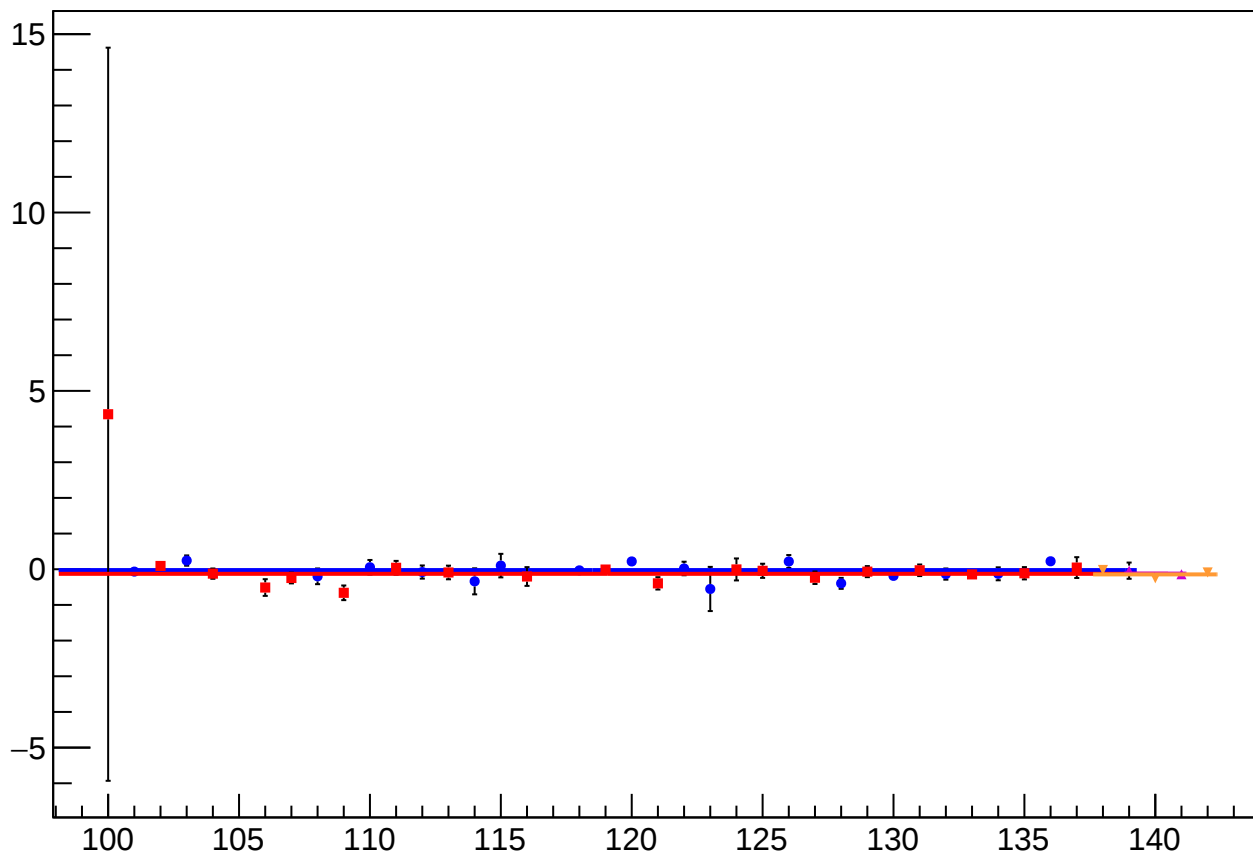
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.034 $\pm$ 0.095 χ^2 /NDF:0.2/1

Out: 0.084 $\pm$ 0.085 χ^2 /NDF:2.3/2

All: 0.032 $\pm$ 0.063 χ^2 /NDF: 3.4/4

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.144 ± 0.072 $\chi^2/\text{NDF}: 2.0/2$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.8/18$

Left In: -0.122 ± 0.096 $\chi^2/\text{NDF}: 0.2/1$

Left: -0.136 ± 0.058 $\chi^2/\text{NDF}: 2.2/4$

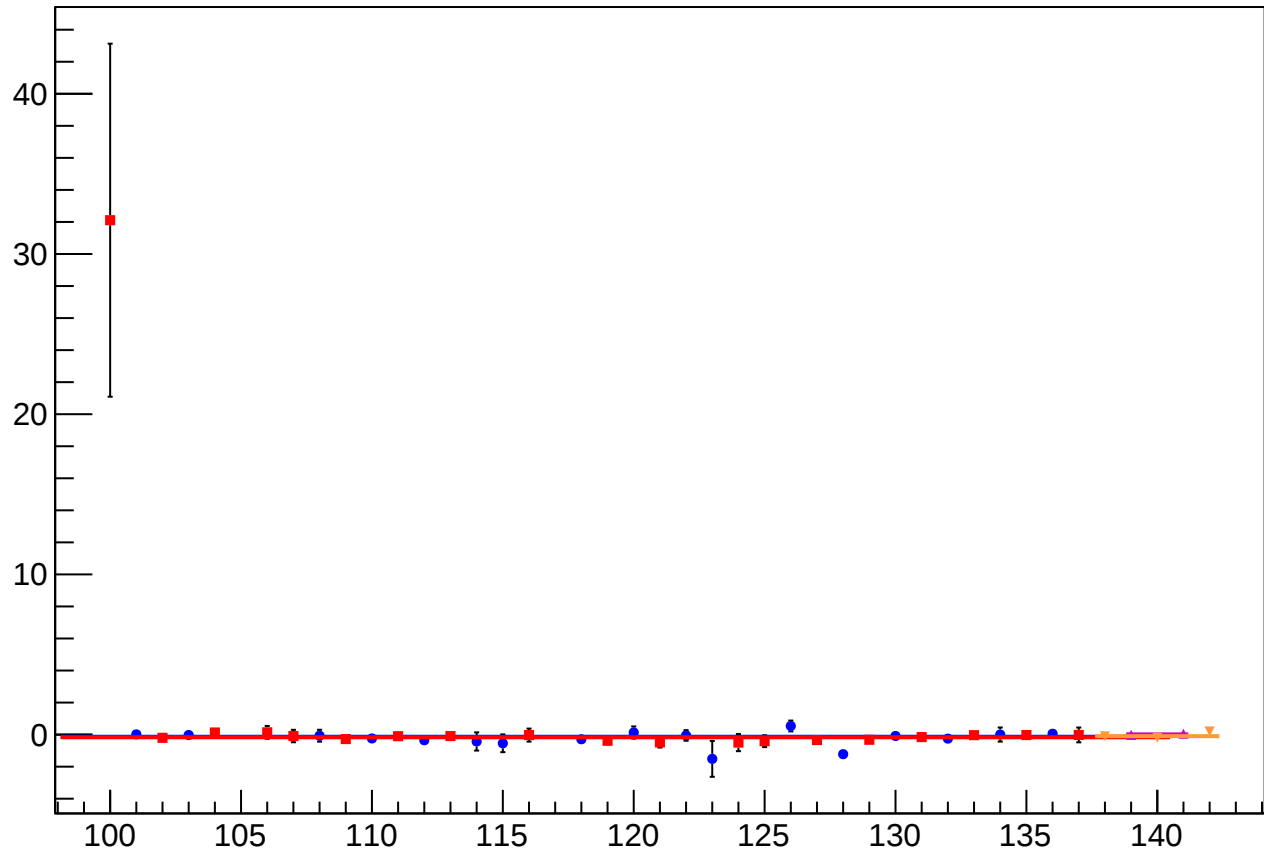
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 45.1/35$

In: -0.036 ± 0.034 $\chi^2/\text{NDF}: 23.5/18$

Out: -0.132 ± 0.035 $\chi^2/\text{NDF}: 20.8/21$

All: -0.083 ± 0.024 $\chi^2/\text{NDF}: 48.2/40$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: -0.097 ± 0.091 $\chi^2/\text{NDF}: 2.1/2$

Right Out: -0.166 ± 0.071 $\chi^2/\text{NDF}: 14.7/18$

Left In: 0.015 ± 0.102 $\chi^2/\text{NDF}: 0.1/1$

Left: -0.047 ± 0.068 $\chi^2/\text{NDF}: 2.9/4$

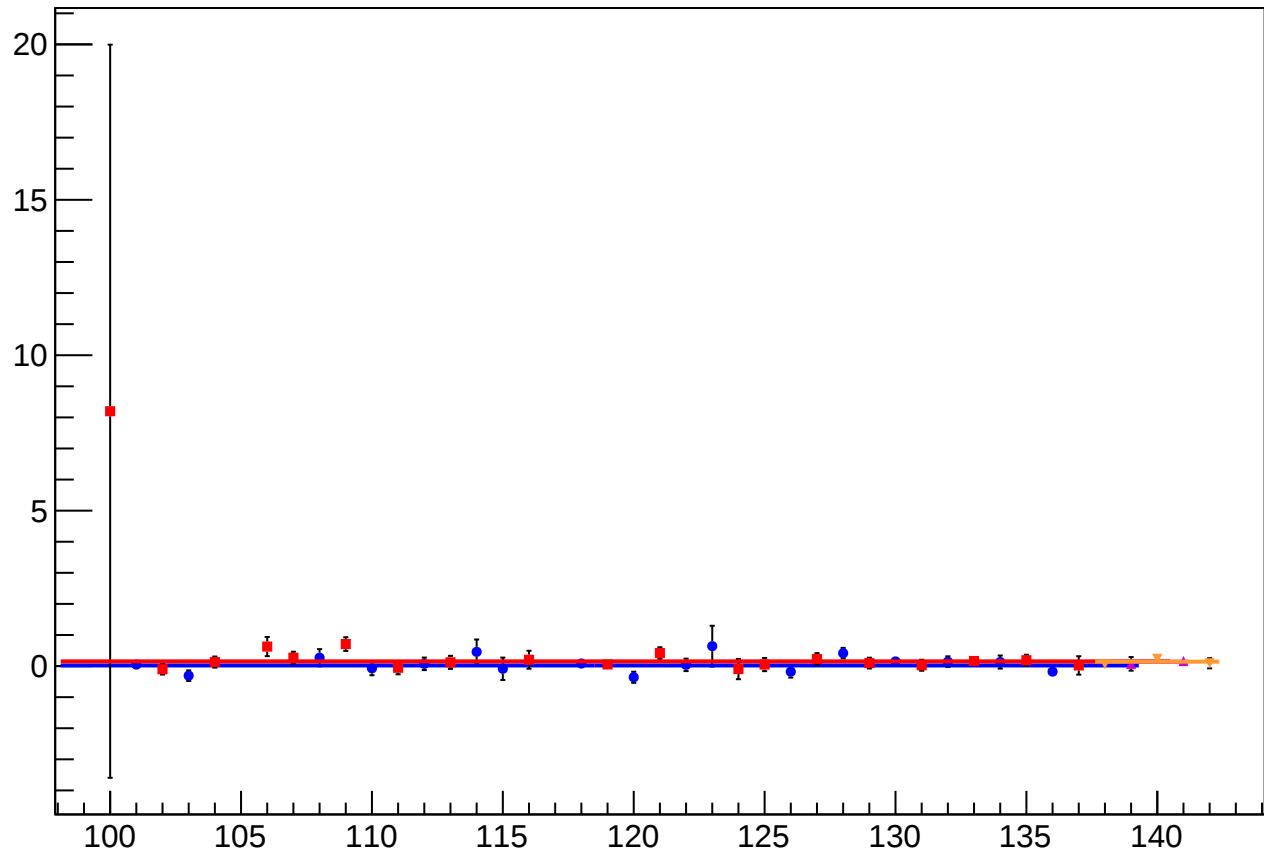
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.089 ± 0.056 $\chi^2/\text{NDF}: 27.3/18$

Out: -0.140 ± 0.056 $\chi^2/\text{NDF}: 17.2/21$

All: -0.115 ± 0.040 $\chi^2/\text{NDF}: 44.9/40$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.142+/-0.085 χ^2/NDF : 0.9/2

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.139+/-0.109 χ^2/NDF : 0.1/1

Left: 0.141+/-0.067 χ^2/NDF : 1.0/4

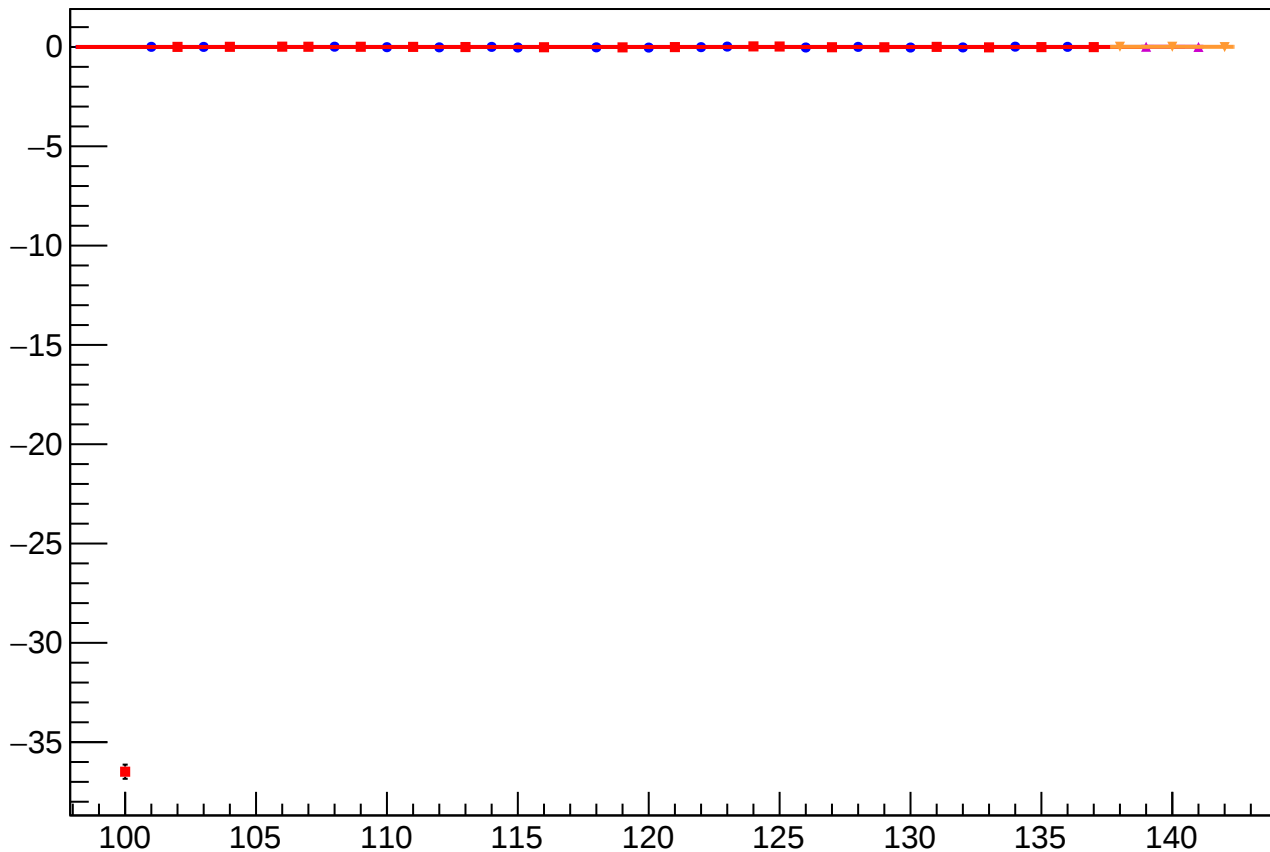
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.036+/-0.039 χ^2/NDF : 23.0/18

Out: 0.150+/-0.040 χ^2/NDF : 18.2/21

All: 0.092+/-0.028 χ^2/NDF : 45.3/40

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.004 χ^2 /NDF: 3.2/2

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.010 $\pm$ 0.004 χ^2 /NDF: 1.4/1

Left: 0.009 $\pm$ 0.003 χ^2 /NDF: 4.7/4

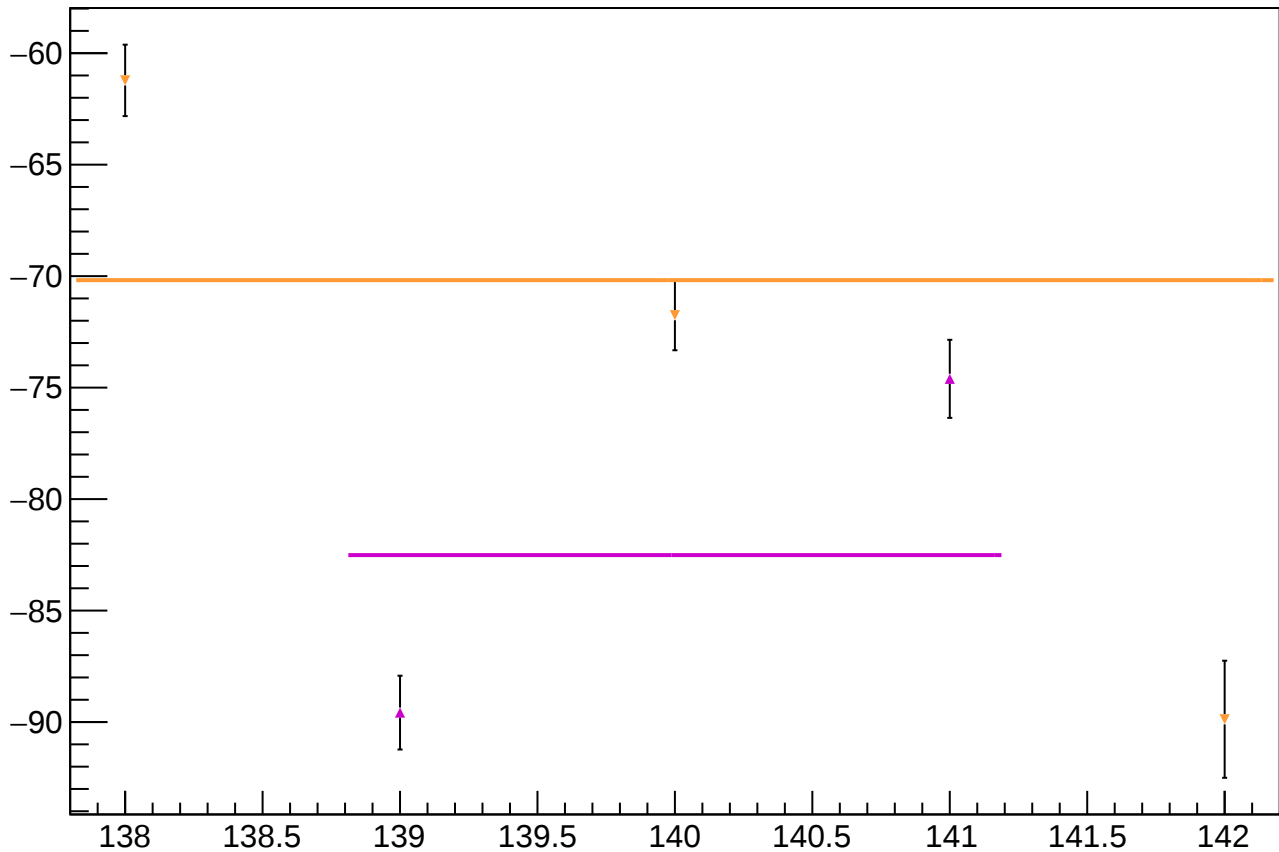
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.003 $\pm$ 0.002 χ^2 /NDF: 37.3/18

Out: 0.003 $\pm$ 0.002 χ^2 /NDF: 10455.8/21

All: 0.003 $\pm$ 0.001 χ^2 /NDF: 10493.1/40

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: -70.180+/-1.032 χ^2/NDF :88.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.512+/-1.203 χ^2/NDF :38.6/1

Left: -75.412+/-0.783 χ^2/NDF : 187.7/4

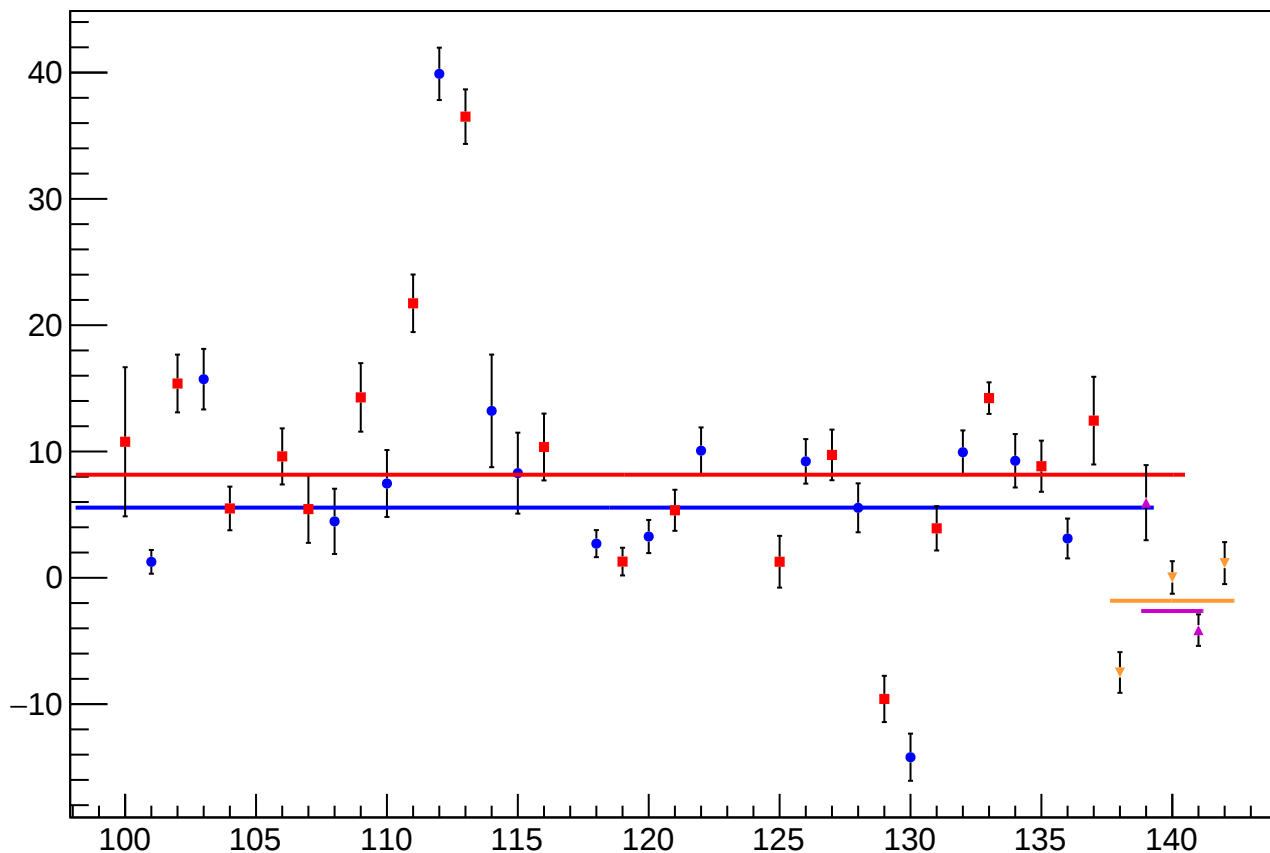
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.512+/-1.203 χ^2/NDF :38.6/1

Out: -70.180+/-1.032 χ^2/NDF :88.6/2

All: -75.412+/-0.783 χ^2/NDF : 187.7/4

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: -1.816 ± 0.861 $\chi^2/\text{NDF}: 17.7/2$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: -2.630 ± 1.151 $\chi^2/\text{NDF}: 9.8/1$

Left: -2.108 ± 0.689 $\chi^2/\text{NDF}: 27.8/4$

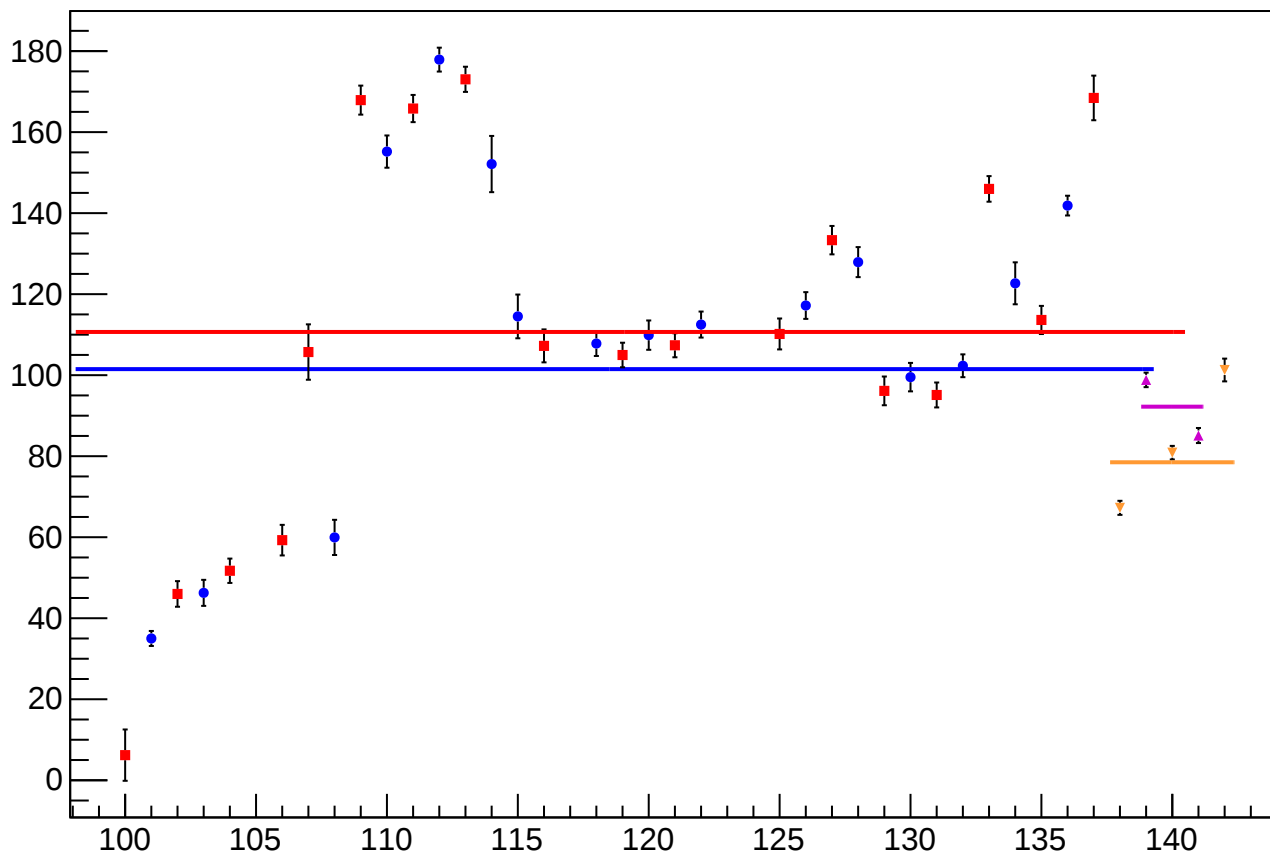
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.579 ± 0.398 $\chi^2/\text{NDF}: 516.3/17$

Out: 5.998 ± 0.401 $\chi^2/\text{NDF}: 529.9/20$

All: 5.283 ± 0.282 $\chi^2/\text{NDF}: 1052.5/38$

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: 78.500 $\pm$ 1.108 χ^2 /NDF:109.7/2

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 92.227 $\pm$ 1.291 χ^2 /NDF:28.2/1

Left: 84.323 $\pm$ 0.841 χ^2 /NDF: 203.0/4

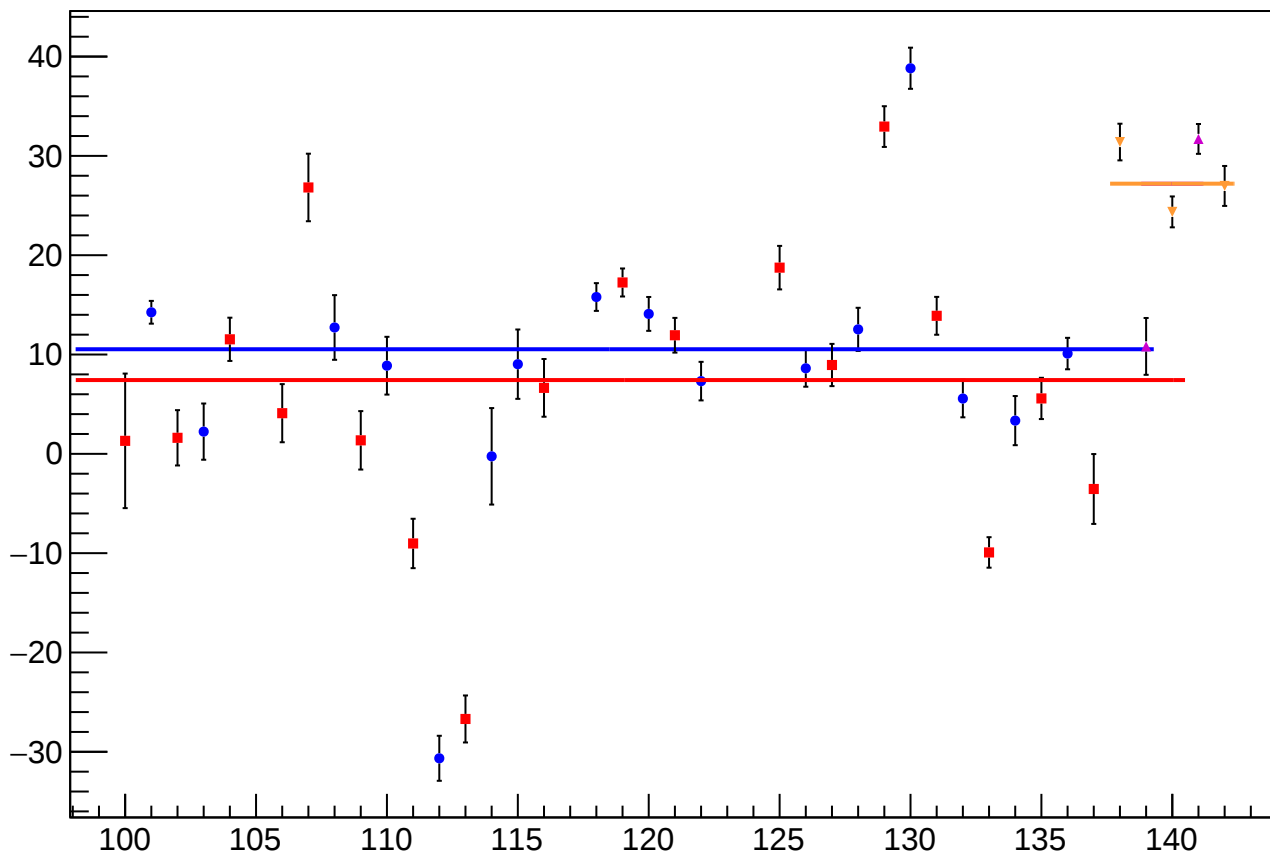
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 98.886 $\pm$ 0.685 χ^2 /NDF:3038.2/17

Out: 99.005 $\pm$ 0.667 χ^2 /NDF:3160.6/20

All: 98.947 $\pm$ 0.478 χ^2 /NDF: 6198.8/38

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 27.202 $\pm$ 1.024 χ^2 /NDF: 8.5/2

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 27.193 $\pm$ 1.330 χ^2 /NDF: 41.8/1

Left: 27.199 $\pm$ 0.811 χ^2 /NDF: 50.3/4

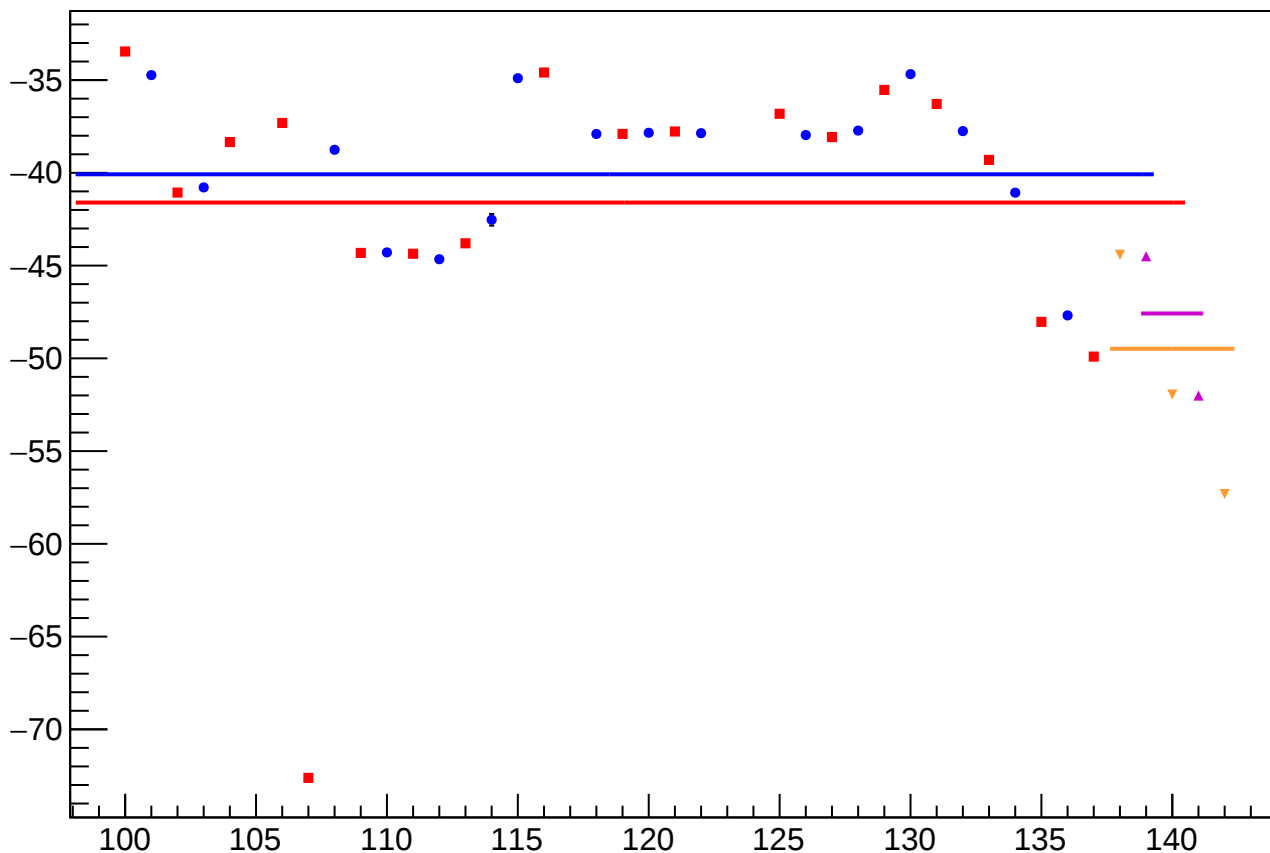
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 12.543 $\pm$ 0.462 χ^2 /NDF: 760.1/17

Out: 11.528 $\pm$ 0.466 χ^2 /NDF: 990.0/20

All: 12.040 $\pm$ 0.328 χ^2 /NDF: 1752.5/38

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079+/-0.028 χ^2/NDF : 25147.0/15

Left Out: -49.483+/-0.046 χ^2/NDF :11383.6/2

Right Out: -41.602+/-0.029 χ^2/NDF : 61856.4/17

Left In: -47.581+/-0.048 χ^2/NDF :5848.5/1

Left: -48.583+/-0.033 χ^2/NDF : 18047.9/4

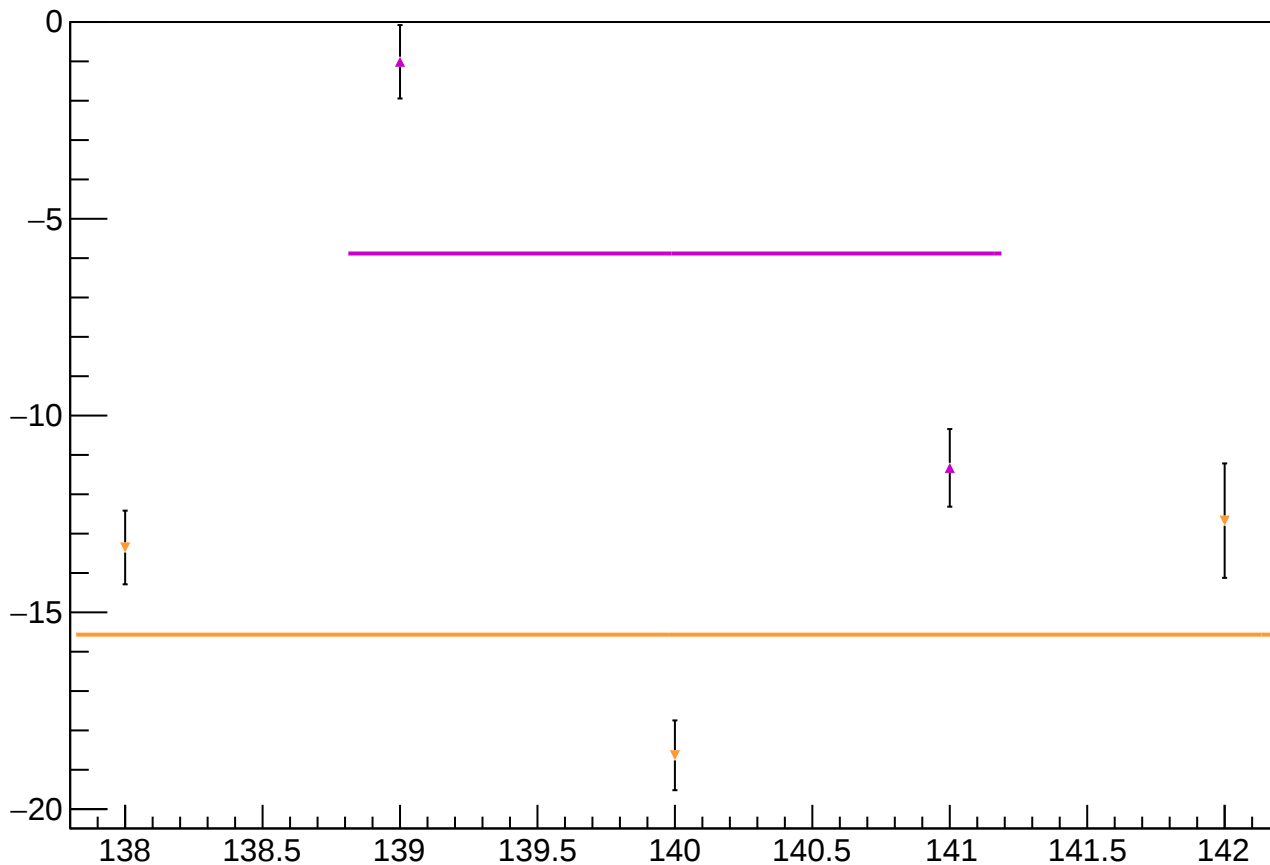
Right: -40.831+/-0.020 χ^2/NDF : 88443.2/33

In: -41.988+/-0.024 χ^2/NDF :48980.7/17

Out: -43.810+/-0.024 χ^2/NDF :94551.9/20

All: -42.904+/-0.017 χ^2/NDF : 146341.7/38

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: -15.566+/-0.589 χ^2/NDF :21.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.882+/-0.678 χ^2/NDF :57.7/1

Left: -11.405+/-0.444 χ^2/NDF : 195.6/4

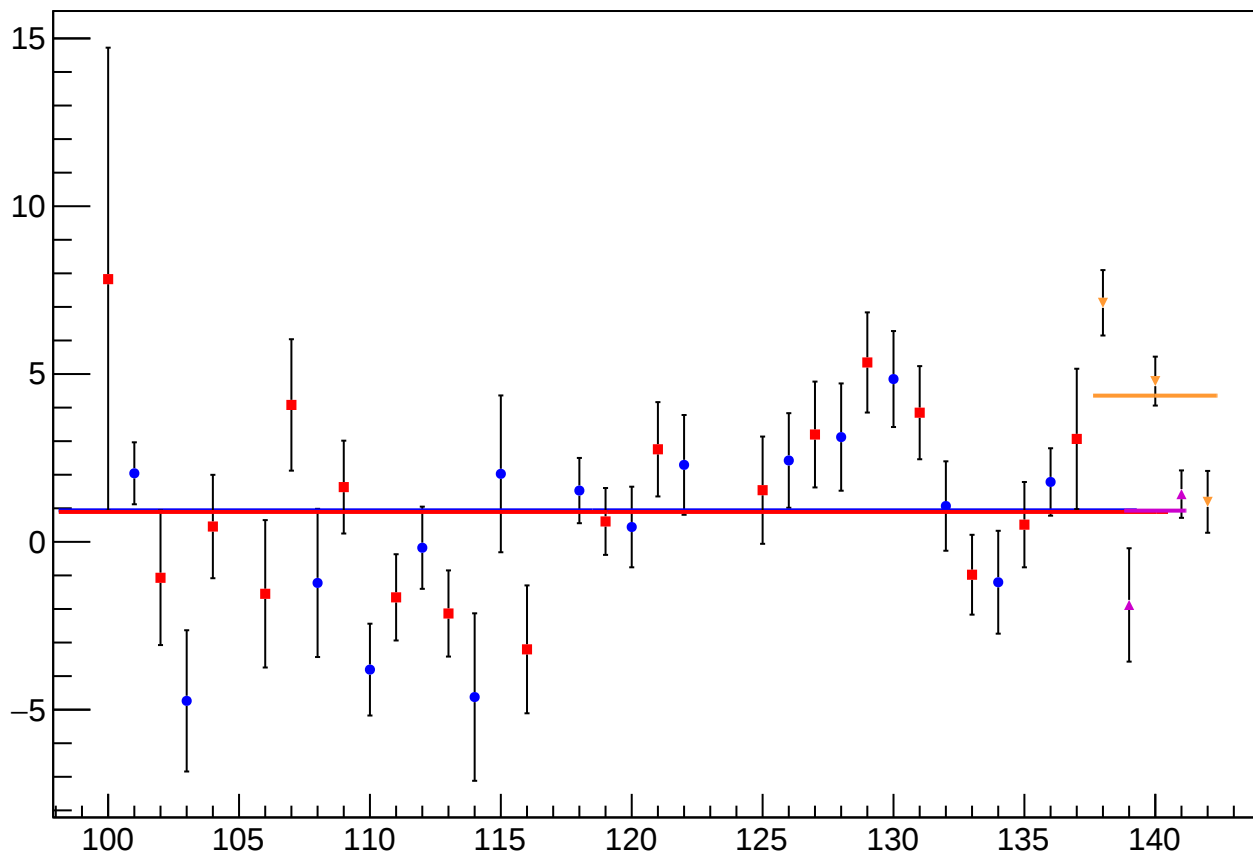
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.882+/-0.678 χ^2/NDF :57.7/1

Out: -15.566+/-0.589 χ^2/NDF :21.5/2

All: -11.405+/-0.444 χ^2/NDF : 195.6/4

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: 4.357 ± 0.493 $\chi^2/\text{NDF}: 20.2/2$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 0.931 ± 0.652 $\chi^2/\text{NDF}: 3.3/1$

Left: 3.110 ± 0.393 $\chi^2/\text{NDF}: 41.0/4$

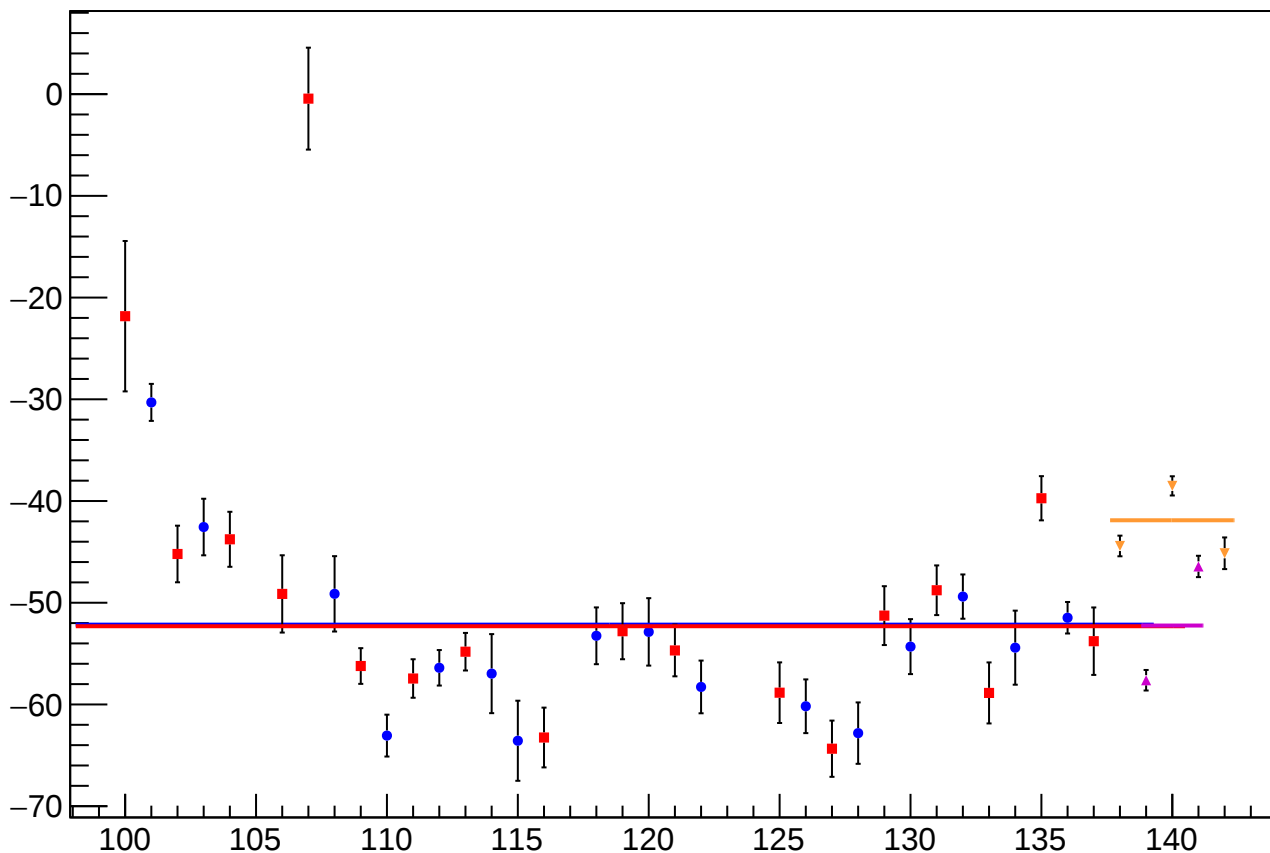
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.938 ± 0.301 $\chi^2/\text{NDF}: 45.5/17$

Out: 2.068 ± 0.287 $\chi^2/\text{NDF}: 94.4/20$

All: 1.528 ± 0.208 $\chi^2/\text{NDF}: 147.3/38$

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: -41.893 ± 0.632 χ^2/NDF : 23.4/2

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -52.241 ± 0.728 χ^2/NDF : 59.0/1

Left: -46.342 ± 0.477 χ^2/NDF : 197.7/4

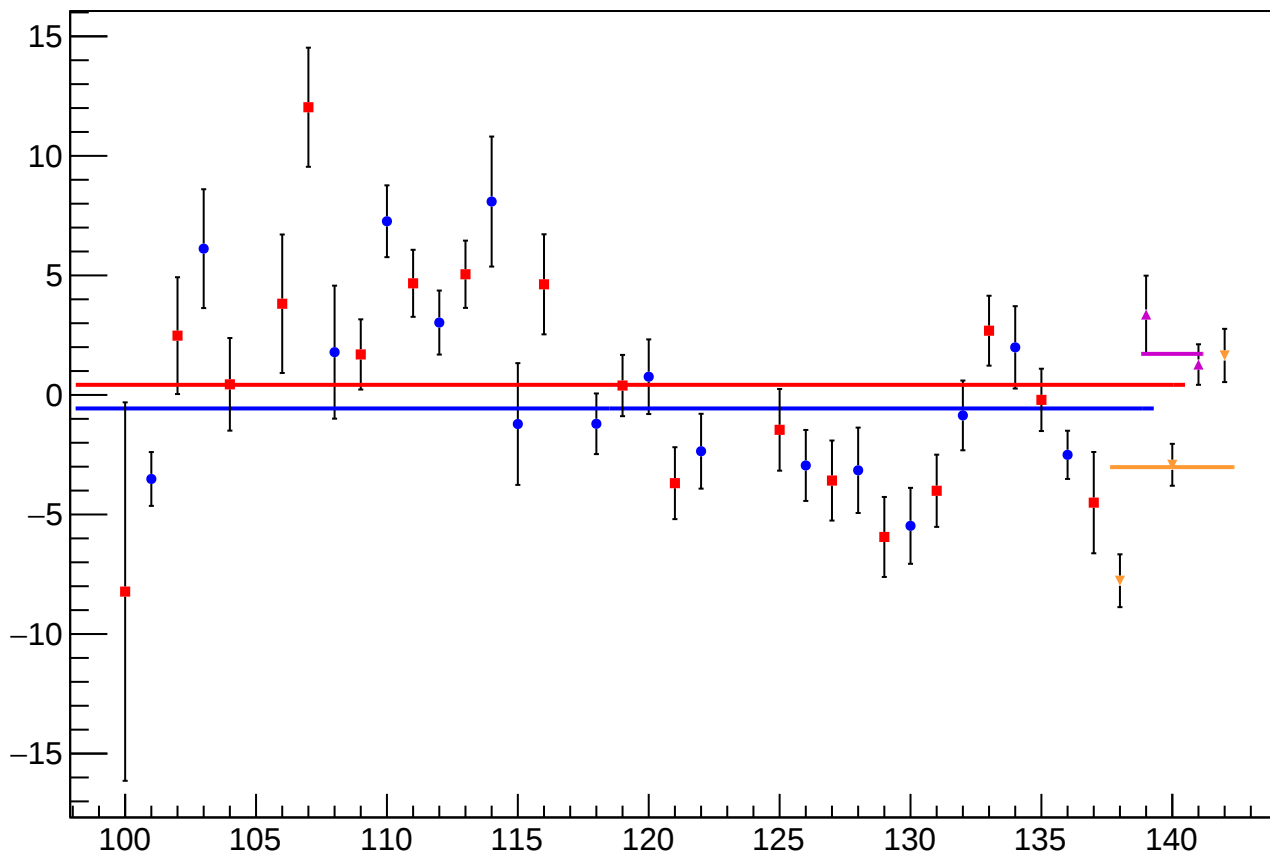
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.190 ± 0.469 χ^2/NDF : 290.1/17

Out: -47.235 ± 0.441 χ^2/NDF : 397.6/20

All: -49.561 ± 0.321 χ^2/NDF : 747.0/38

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: -3.019 ± 0.584 χ^2/NDF : 36.1/2

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.718 ± 0.752 χ^2/NDF : 1.3/1

Left: -1.234 ± 0.461 χ^2/NDF : 62.1/4

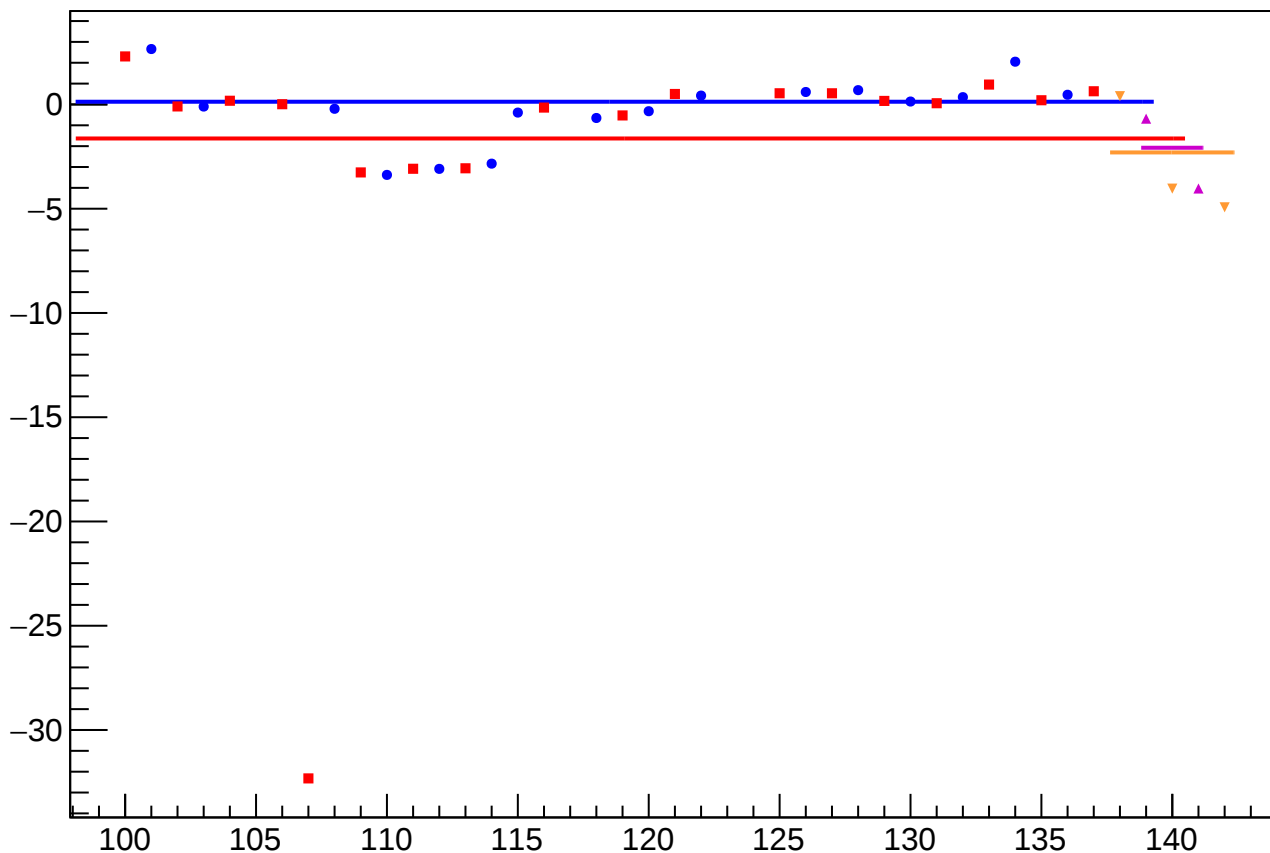
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: -0.092 ± 0.342 χ^2/NDF : 90.5/17

Out: -0.673 ± 0.330 χ^2/NDF : 155.0/20

All: -0.393 ± 0.238 χ^2/NDF : 247.0/38

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 $\pm$ 0.022 χ^2 /NDF: 5232.9/15

Left Out: -2.301 $\pm$ 0.026 χ^2 /NDF:8191.7/2

Right Out: -1.632 $\pm$ 0.022 χ^2 /NDF: 77874.4/17

Left In: -2.076 $\pm$ 0.027 χ^2 /NDF:3668.9/1

Left: -2.194 $\pm$ 0.019 χ^2 /NDF: 11896.1/4

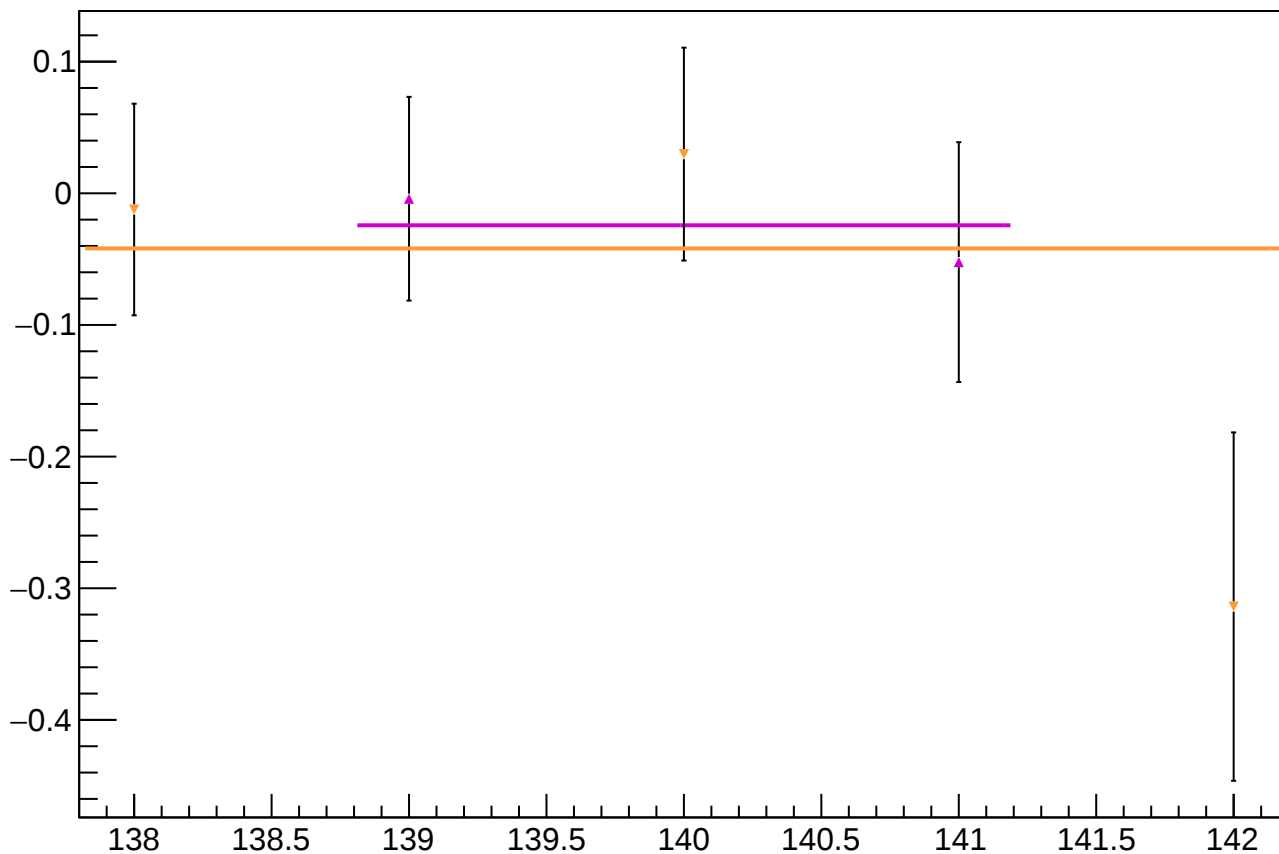
Right: -0.739 $\pm$ 0.015 χ^2 /NDF: 86417.2/33

In: -0.717 $\pm$ 0.017 χ^2 /NDF:12939.8/17

Out: -1.909 $\pm$ 0.017 χ^2 /NDF:86455.8/20

All: -1.320 $\pm$ 0.012 χ^2 /NDF: 101916.5/38

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: -0.042 ± 0.052 χ^2/NDF : 5.1/2

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -0.024 ± 0.059 χ^2/NDF : 0.2/1

Left: -0.034 ± 0.039 χ^2/NDF : 5.4/4

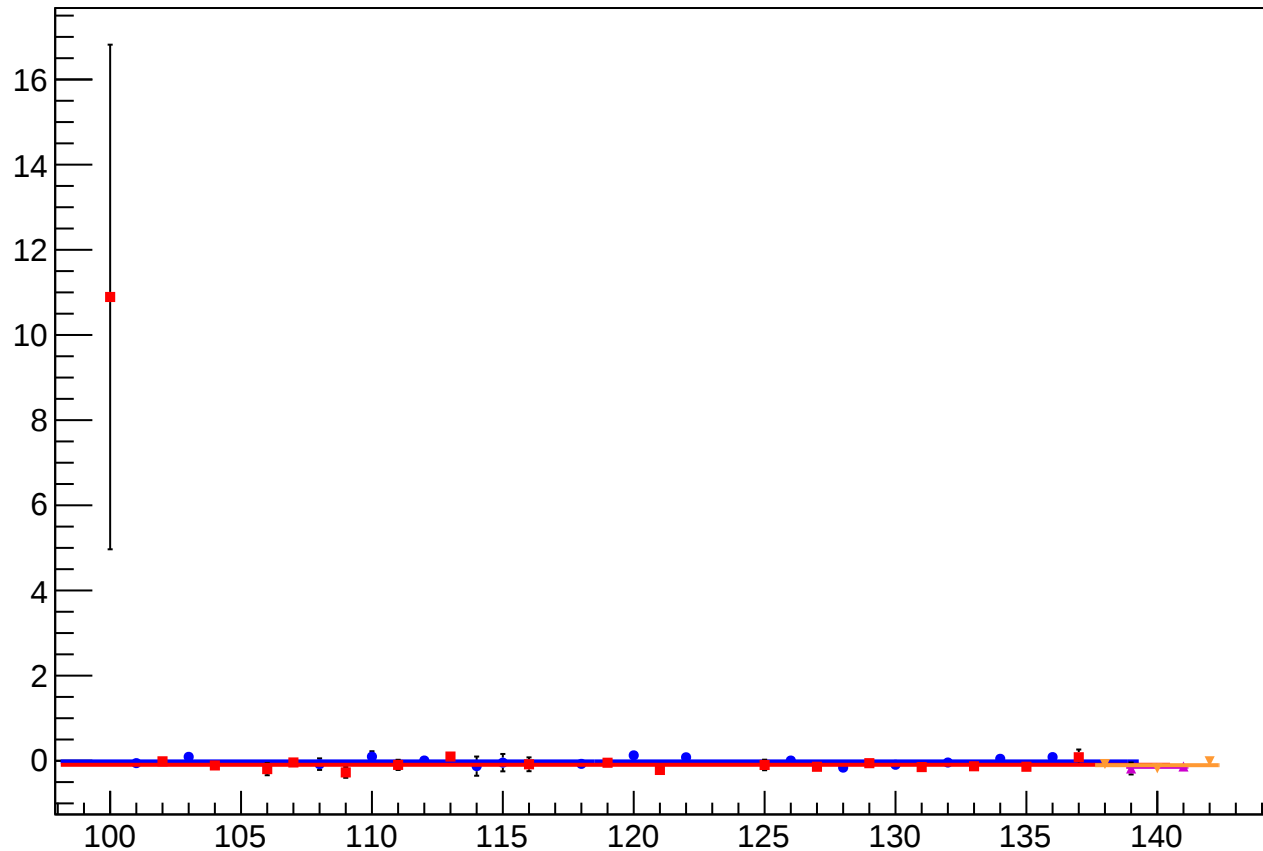
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -0.024 ± 0.059 χ^2/NDF : 0.2/1

Out: -0.042 ± 0.052 χ^2/NDF : 5.1/2

All: -0.034 ± 0.039 χ^2/NDF : 5.4/4

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: -0.103 ± 0.045 χ^2/NDF : 2.5/2

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.142 ± 0.059 χ^2/NDF : 0.1/1

Left: -0.117 ± 0.036 χ^2/NDF : 2.9/4

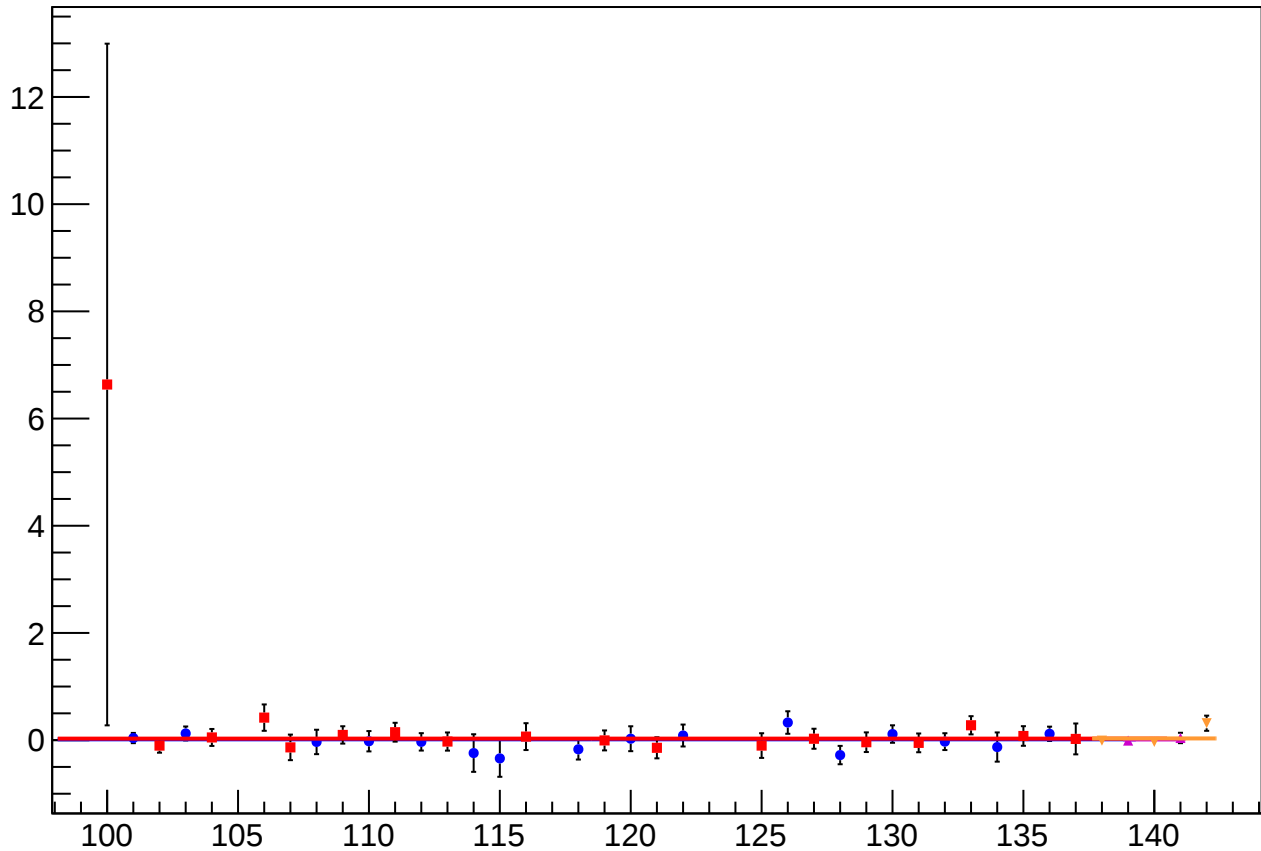
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.031 ± 0.022 χ^2/NDF : 16.6/17

Out: -0.096 ± 0.022 χ^2/NDF : 16.1/20

All: -0.063 ± 0.015 χ^2/NDF : 37.1/38

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.032+/-0.056 χ^2/NDF : 4.8/2

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.013+/-0.063 χ^2/NDF : 0.1/1

Left: 0.023+/-0.042 χ^2/NDF : 5.0/4

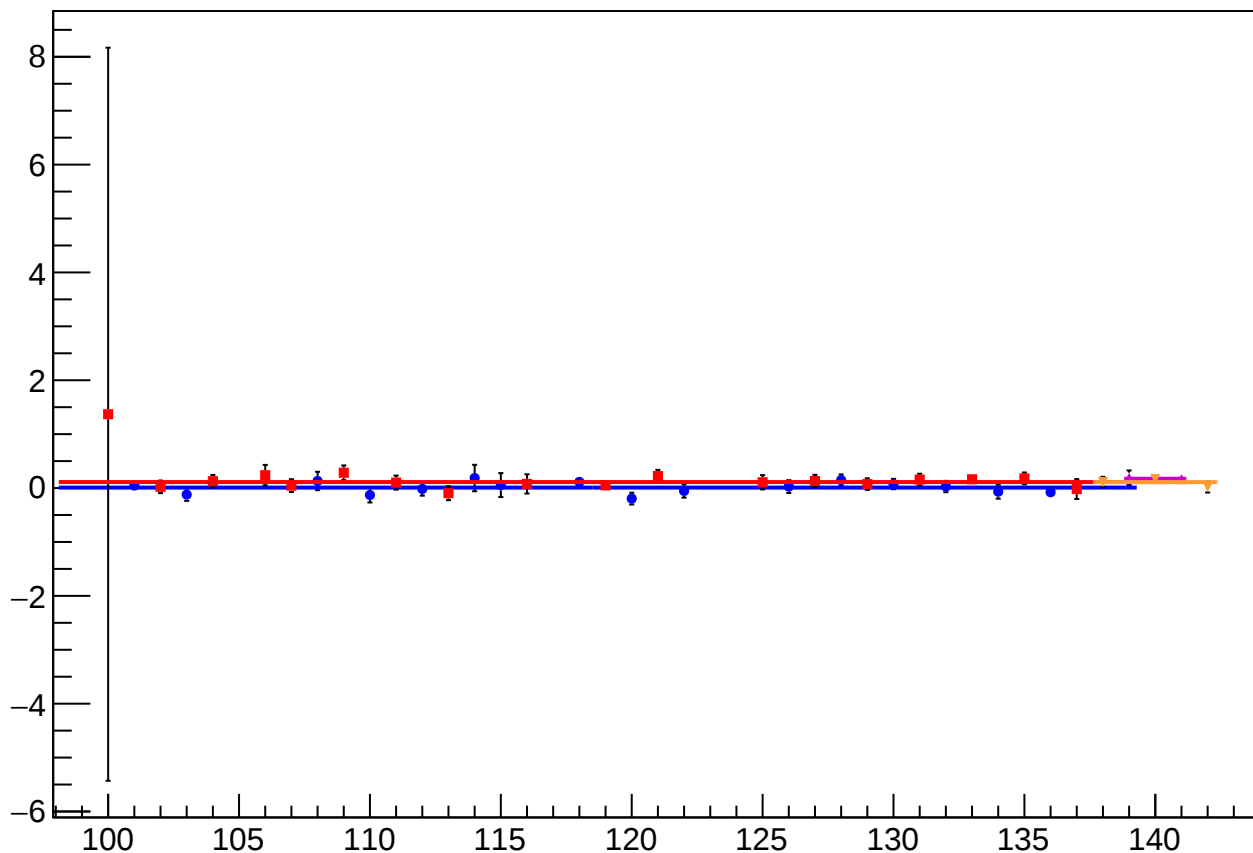
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.014+/-0.035 χ^2/NDF : 10.2/17

Out: 0.029+/-0.035 χ^2/NDF : 14.3/20

All: 0.022+/-0.025 χ^2/NDF : 24.7/38

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.027 χ^2/NDF : 12.6/15

Left Out: 0.110+/-0.053 χ^2/NDF : 1.3/2

Right Out: 0.111+/-0.029 χ^2/NDF : 8.6/17

Left In: 0.173+/-0.068 χ^2/NDF : 0.0/1

Left: 0.134+/-0.042 χ^2/NDF : 1.9/4

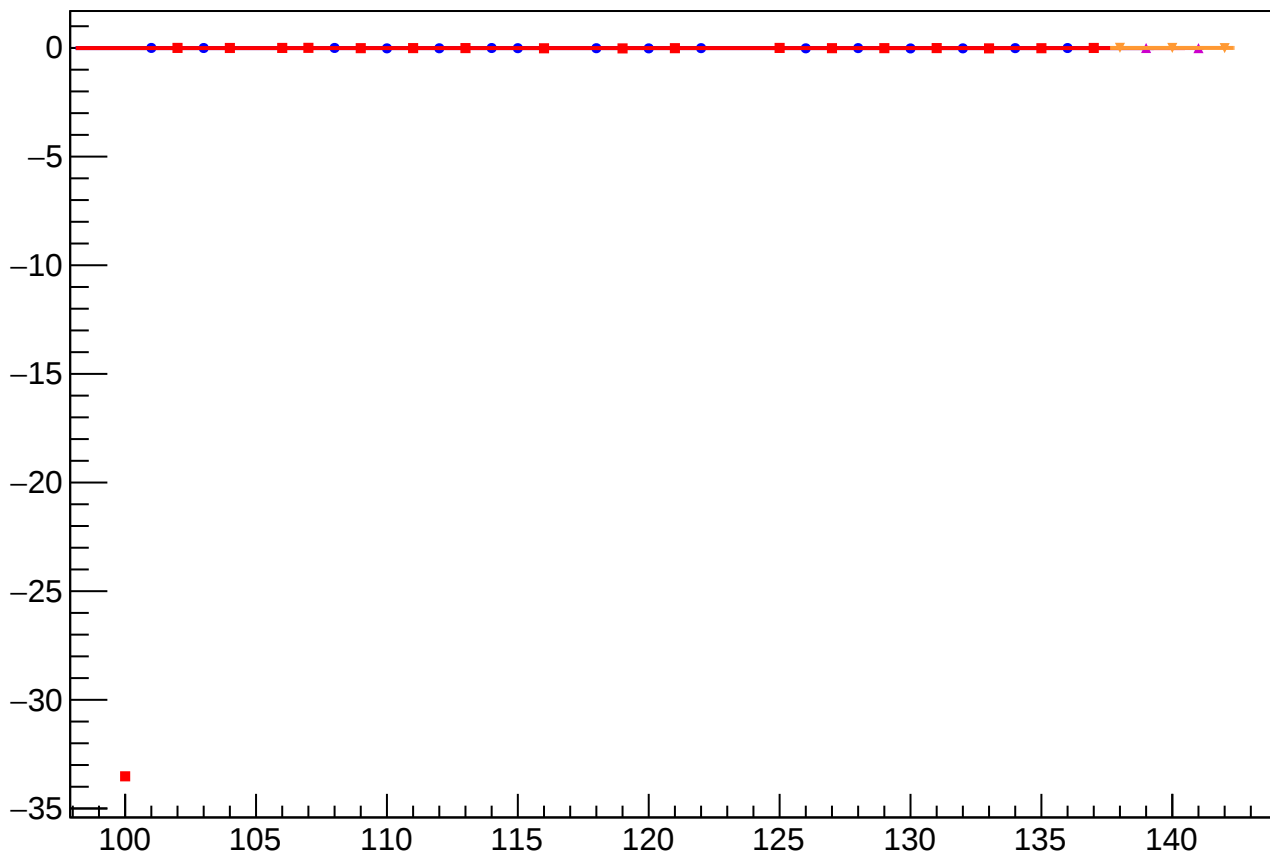
Right: 0.057+/-0.020 χ^2/NDF : 28.0/33

In: 0.031+/-0.025 χ^2/NDF : 17.7/17

Out: 0.111+/-0.025 χ^2/NDF : 9.9/20

All: 0.071+/-0.018 χ^2/NDF : 32.7/38

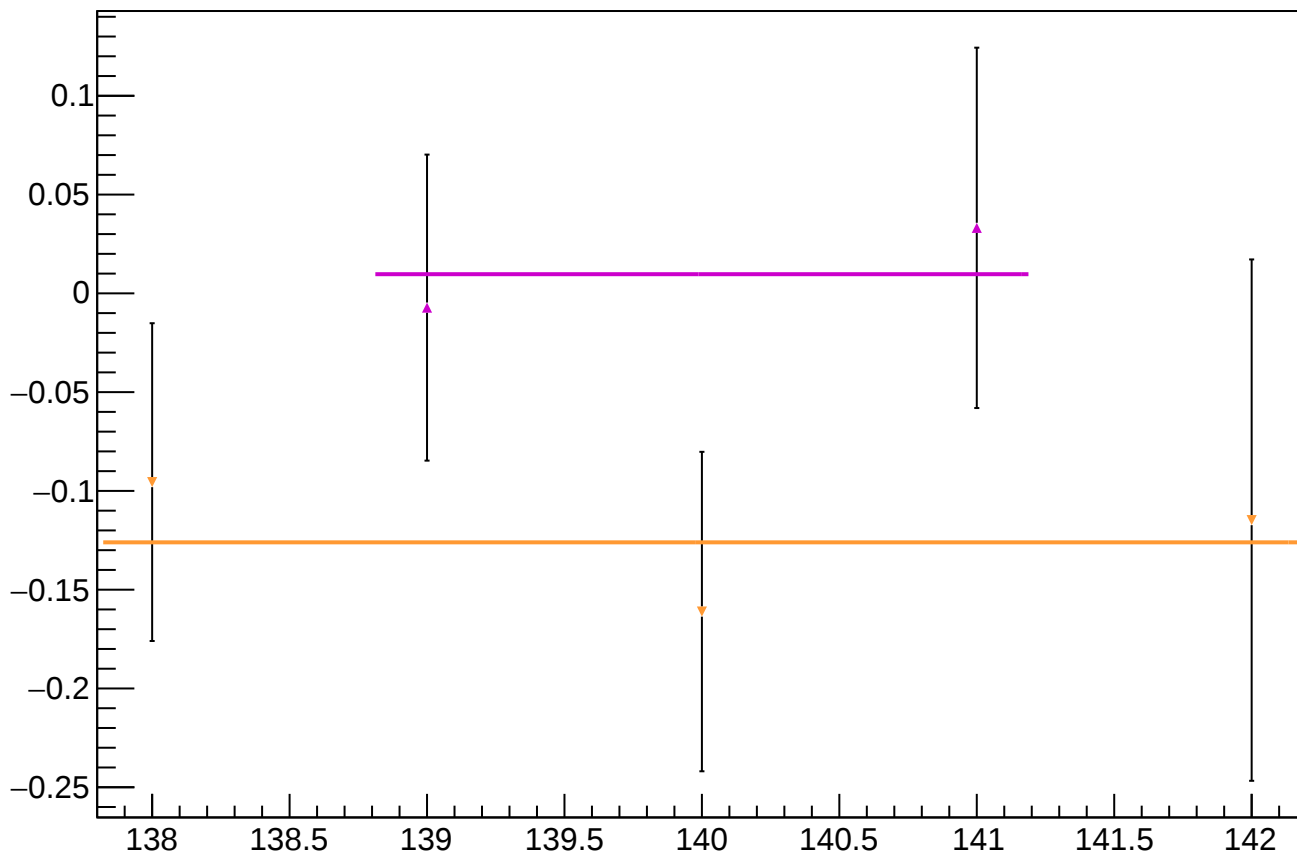
reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15
 Left Out: 0.001 $\pm$ 0.002 χ^2 /NDF:4.0/2
 Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17
 Left In: -0.003 $\pm$ 0.002 χ^2 /NDF:1.6/1

Left: -0.001 $\pm$ 0.002 χ^2 /NDF: 7.5/4
 Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33
 In: -0.005 $\pm$ 0.001 χ^2 /NDF:24.5/17
 Out: -0.004 $\pm$ 0.001 χ^2 /NDF:26520.0/20
 All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26544.8/38

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -0.126 ± 0.052 $\chi^2/\text{NDF}: 0.3/2$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.010 ± 0.059 $\chi^2/\text{NDF}: 0.1/1$

Left: -0.066 ± 0.039 $\chi^2/\text{NDF}: 3.4/4$

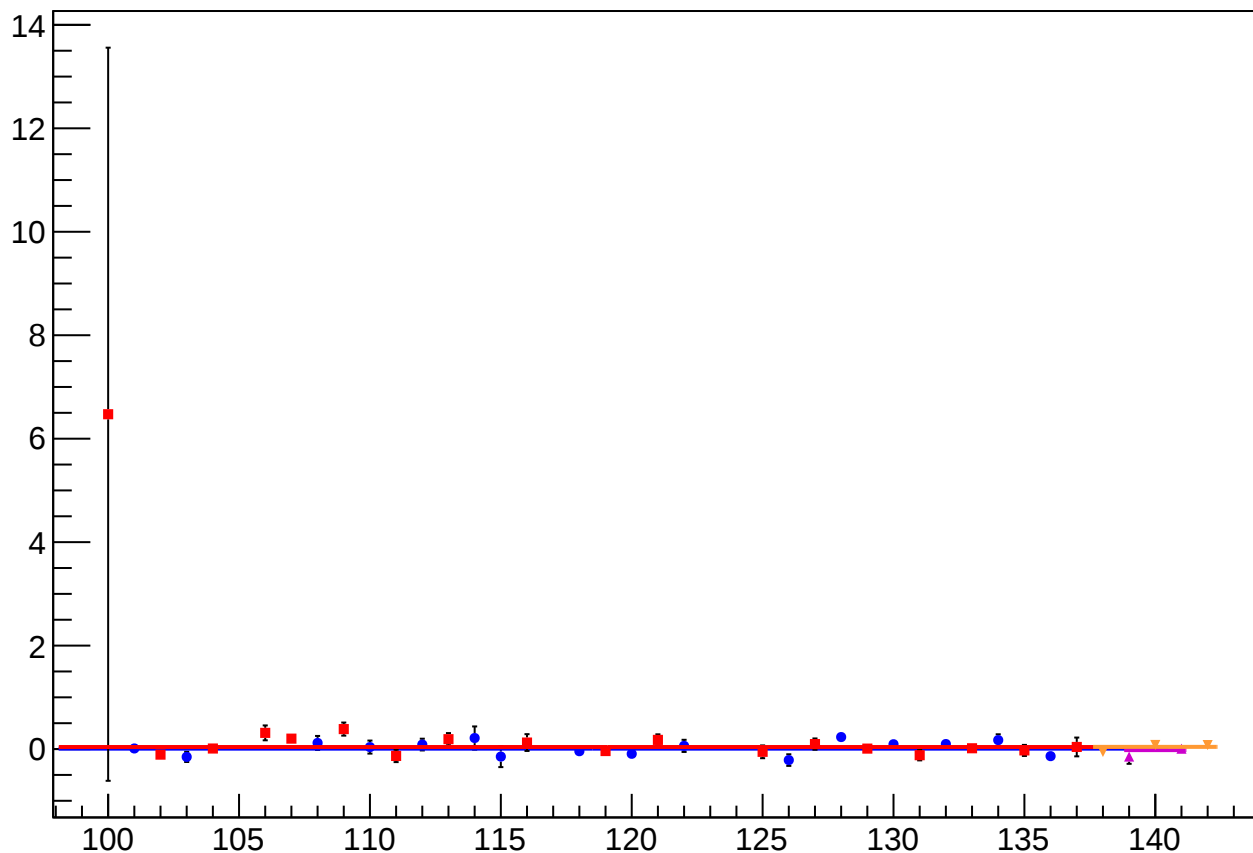
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 0.010 ± 0.059 $\chi^2/\text{NDF}: 0.1/1$

Out: -0.126 ± 0.052 $\chi^2/\text{NDF}: 0.3/2$

All: -0.066 ± 0.039 $\chi^2/\text{NDF}: 3.4/4$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: 0.042 $\pm$ 0.045 χ^2 /NDF:1.8/2

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: -0.020 $\pm$ 0.059 χ^2 /NDF:1.0/1

Left: 0.020 $\pm$ 0.036 χ^2 /NDF: 3.5/4

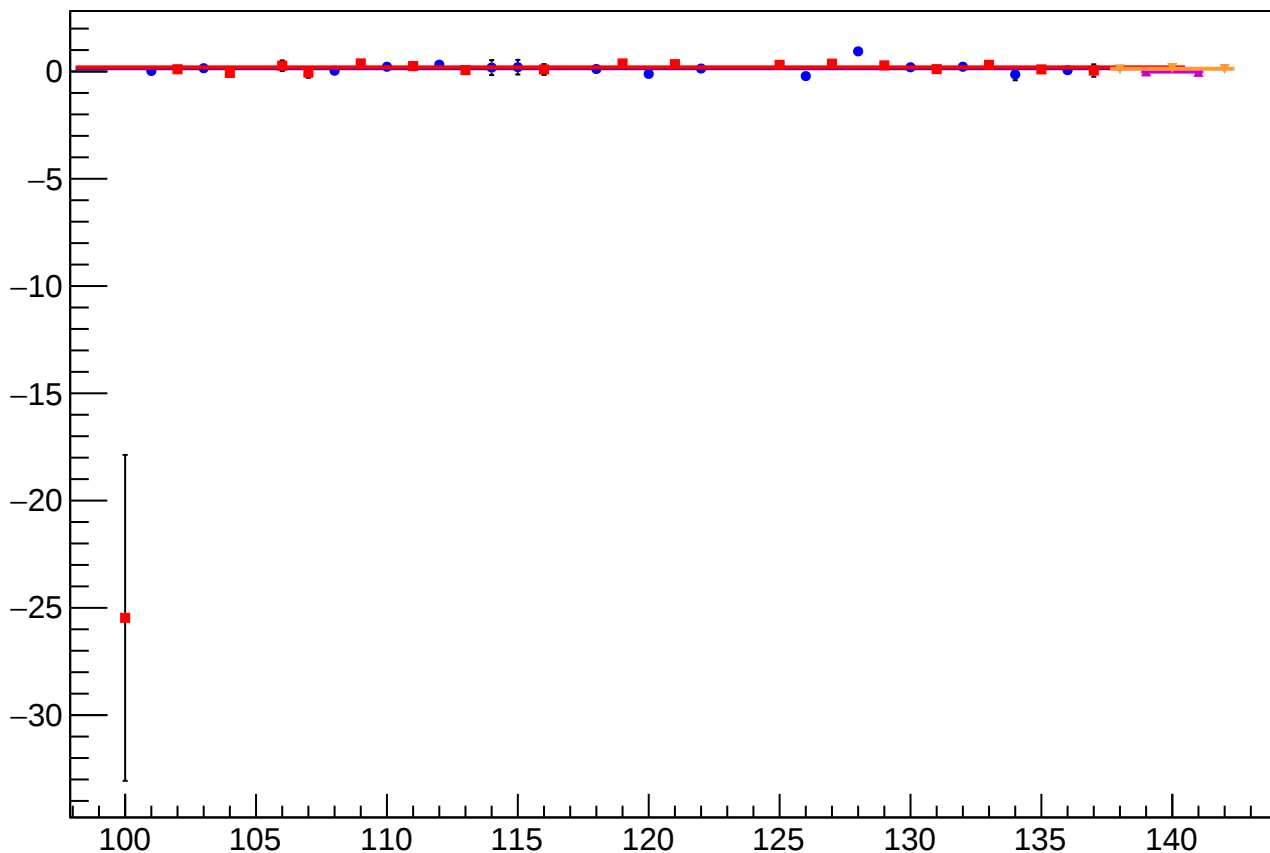
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.004 $\pm$ 0.022 χ^2 /NDF:24.8/17

Out: 0.040 $\pm$ 0.022 χ^2 /NDF:30.2/20

All: 0.022 $\pm$ 0.015 χ^2 /NDF: 56.4/38

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: 0.129+/-0.056 χ^2/NDF : 0.3/2

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: -0.003+/-0.063 χ^2/NDF : 0.0/1

Left: 0.071+/-0.042 χ^2/NDF : 2.7/4

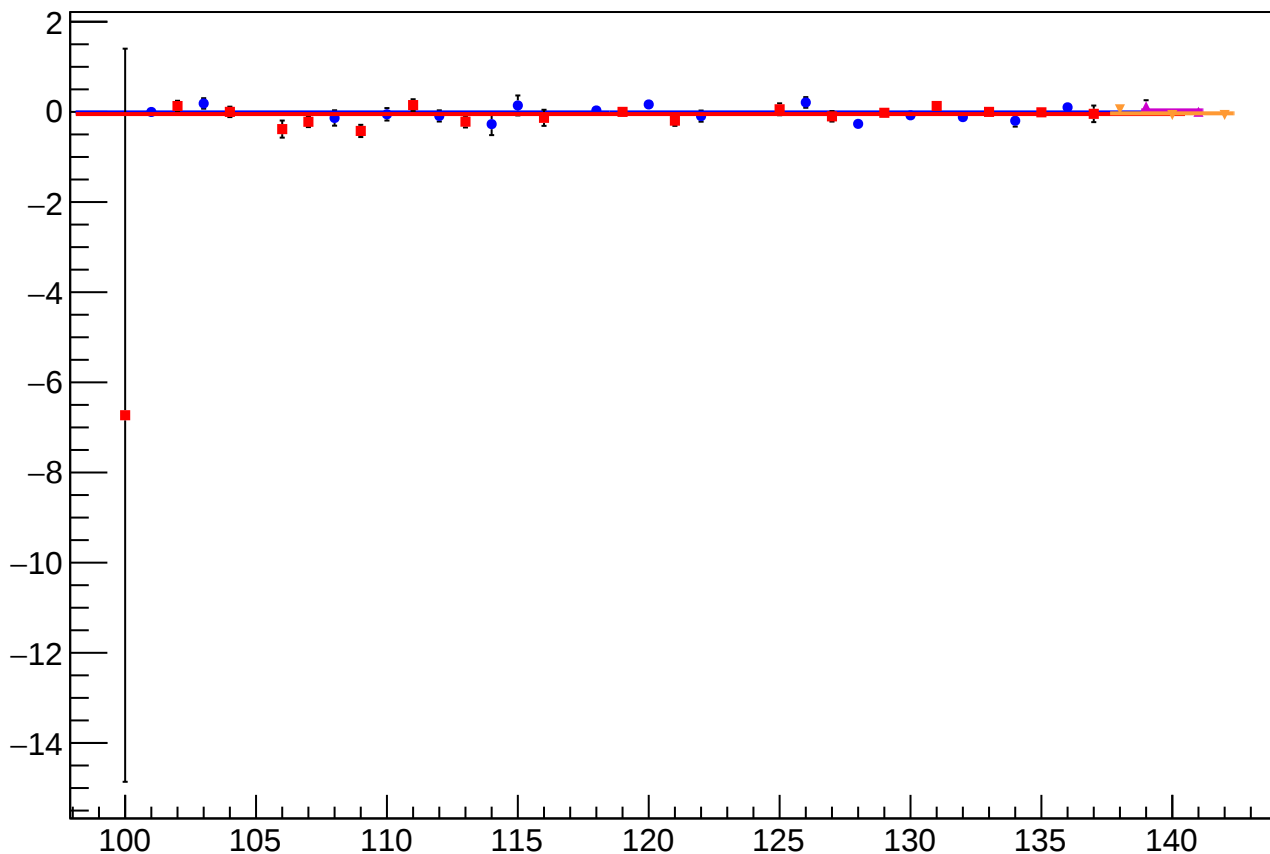
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.105+/-0.035 χ^2/NDF : 34.7/17

Out: 0.168+/-0.035 χ^2/NDF : 23.1/20

All: 0.137+/-0.025 χ^2/NDF : 59.4/38

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.027 χ^2 /NDF: 23.4/15

Left Out: -0.032 $\pm$ 0.053 χ^2 /NDF:1.2/2

Right Out: -0.048 $\pm$ 0.029 χ^2 /NDF: 26.2/17

Left In: 0.034 $\pm$ 0.068 χ^2 /NDF:0.6/1

Left: -0.007 $\pm$ 0.042 χ^2 /NDF: 2.4/4

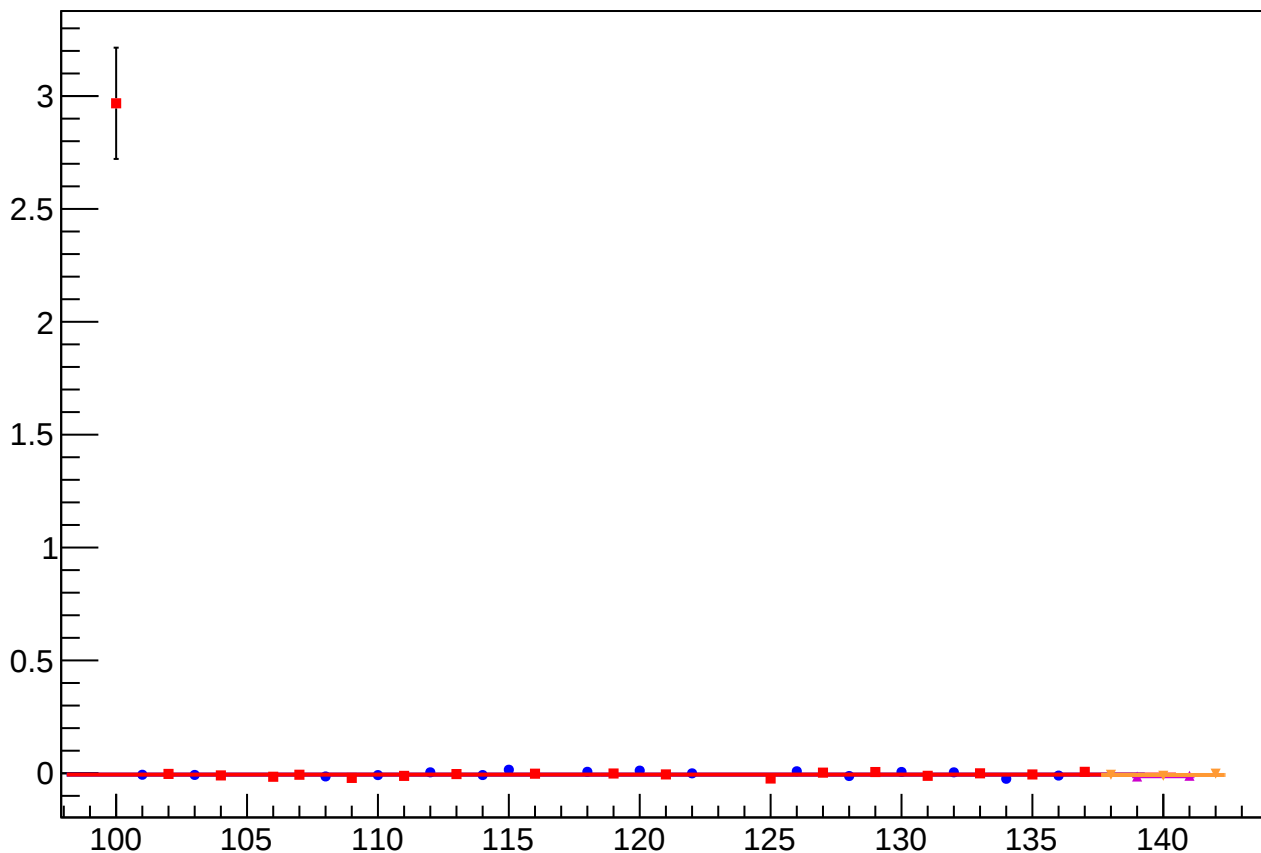
Right: -0.029 $\pm$ 0.020 χ^2 /NDF: 50.6/33

In: -0.005 $\pm$ 0.025 χ^2 /NDF:24.4/17

Out: -0.045 $\pm$ 0.025 χ^2 /NDF:27.5/20

All: -0.025 $\pm$ 0.018 χ^2 /NDF: 53.1/38

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: -0.008 ± 0.002 χ^2/NDF : 2.0/2

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.013 ± 0.002 χ^2/NDF : 0.5/1

Left: -0.010 ± 0.002 χ^2/NDF : 5.3/4

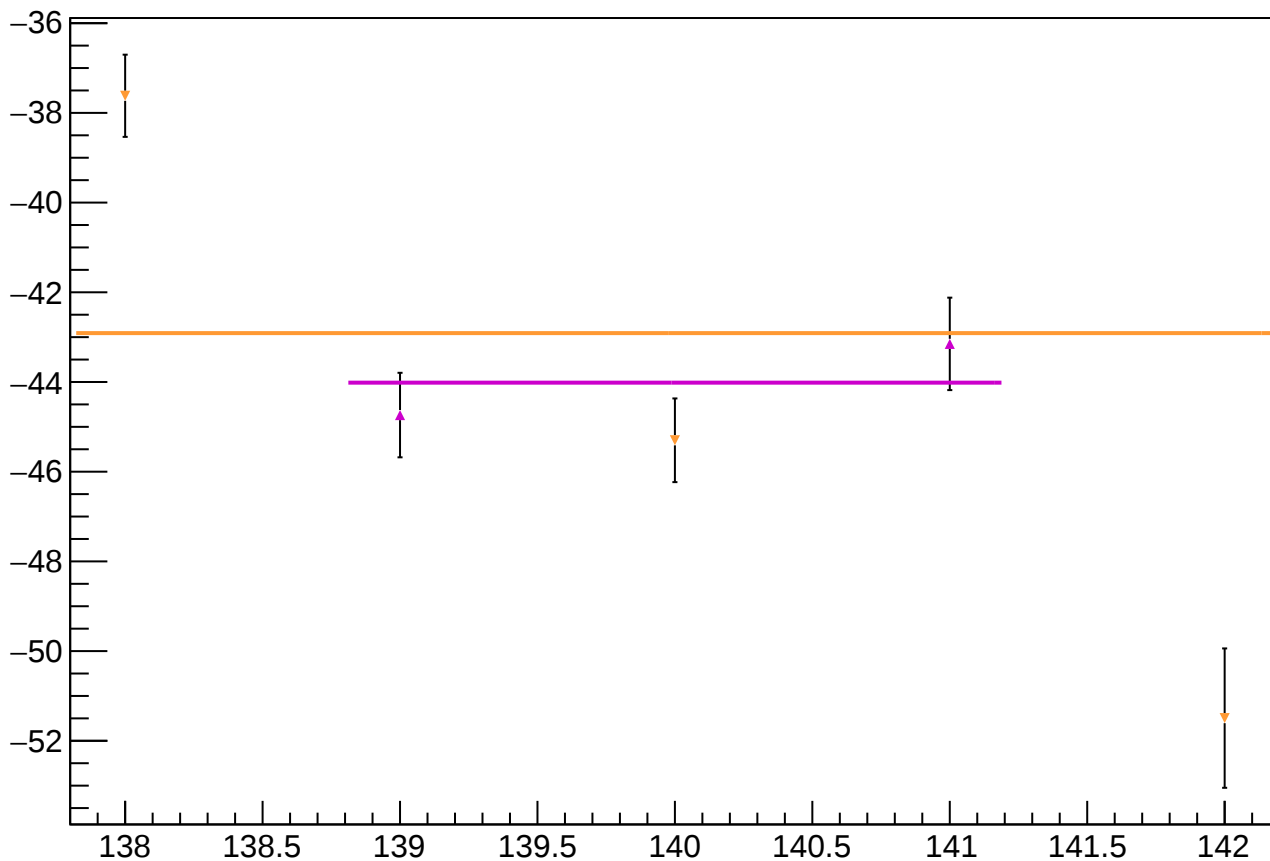
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.008 ± 0.001 χ^2/NDF : 35.9/17

Out: -0.006 ± 0.001 χ^2/NDF : 167.6/20

All: -0.007 ± 0.001 χ^2/NDF : 204.3/38

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: -42.910+/-0.603 χ^2/NDF : 70.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.015+/-0.695 χ^2/NDF : 1.3/1

Left: -43.384+/-0.455 χ^2/NDF : 73.2/4

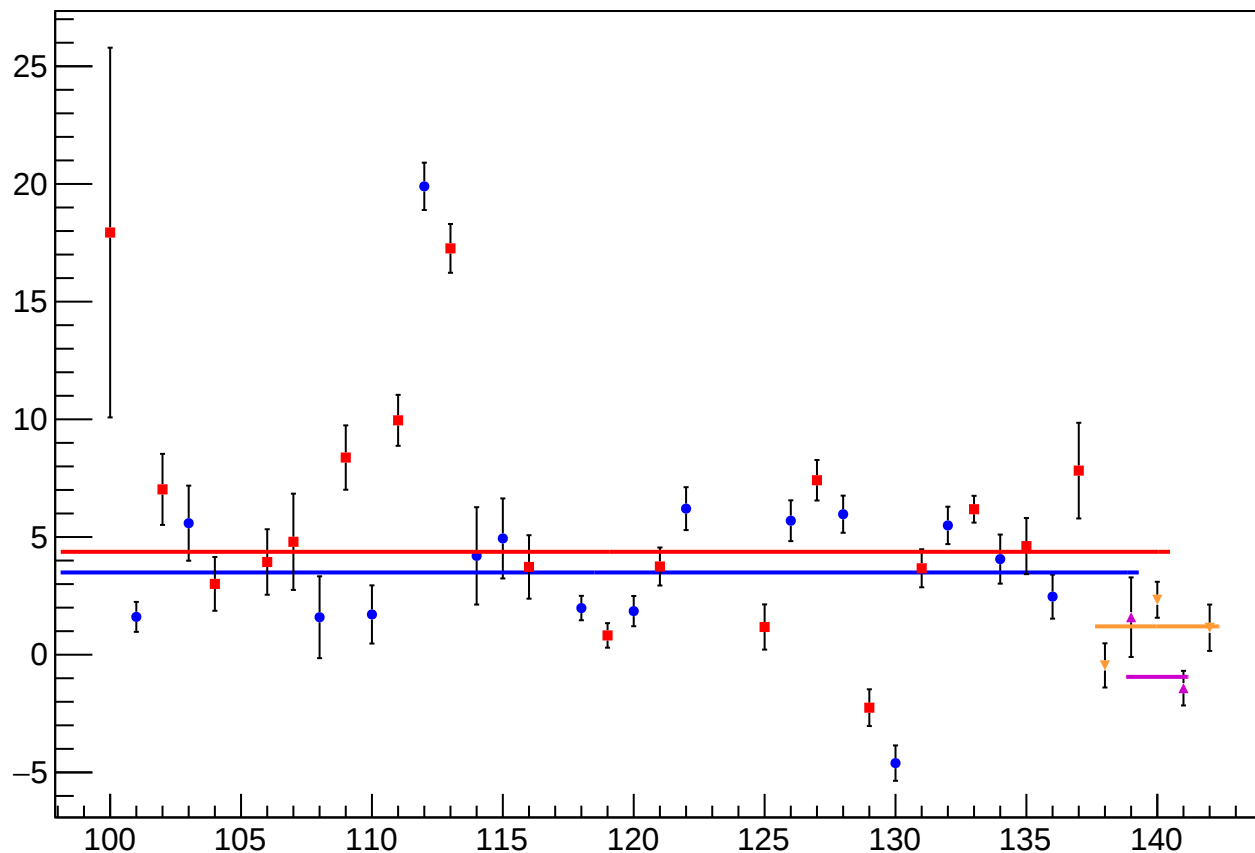
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.015+/-0.695 χ^2/NDF : 1.3/1

Out: -42.910+/-0.603 χ^2/NDF : 70.4/2

All: -43.384+/-0.455 χ^2/NDF : 73.2/4

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.203 ± 0.508 $\chi^2/\text{NDF}: 5.3/2$

Right Out: 4.372 ± 0.225 $\chi^2/\text{NDF}: 354.0/17$

Left In: -0.941 ± 0.674 $\chi^2/\text{NDF}: 2.7/1$

Left: 0.427 ± 0.406 $\chi^2/\text{NDF}: 14.4/4$

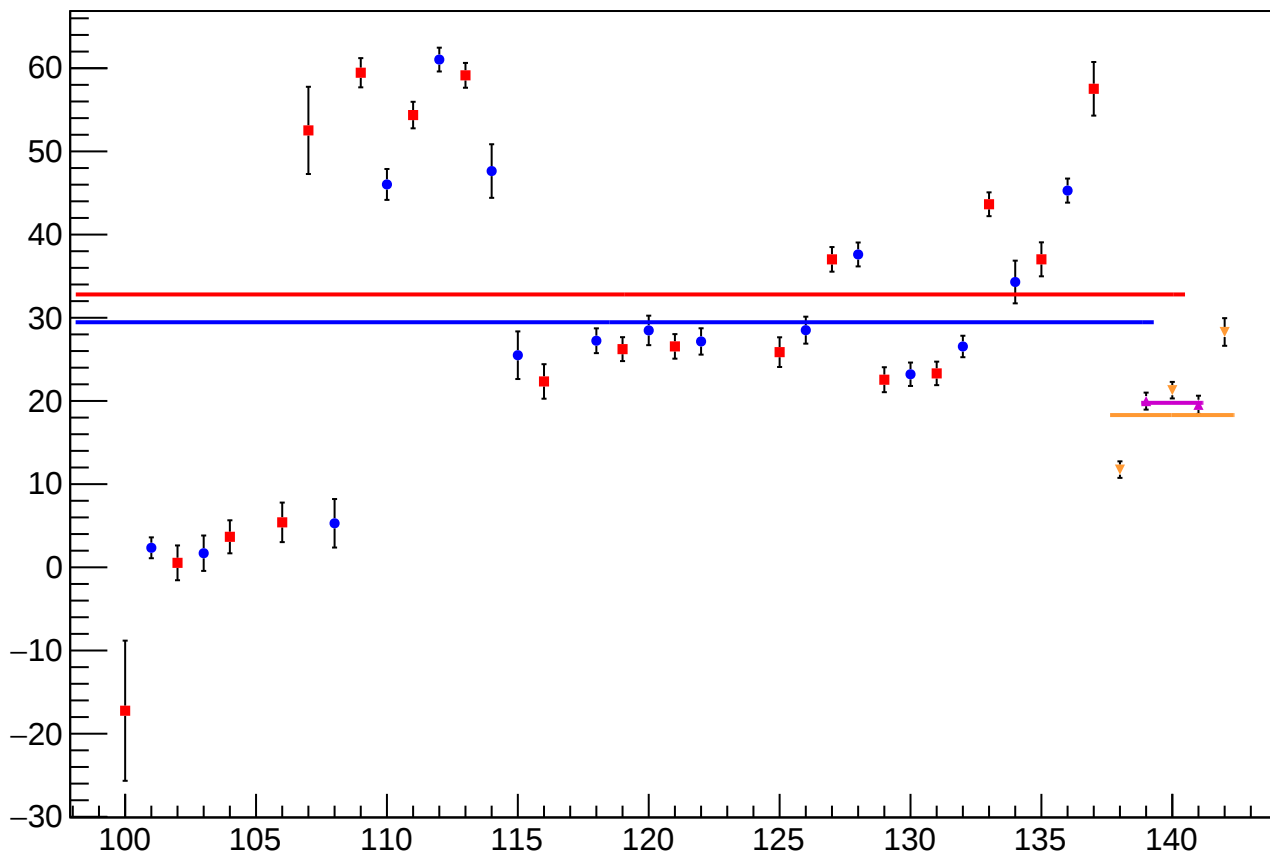
Right: 3.918 ± 0.157 $\chi^2/\text{NDF}: 806.7/33$

In: 3.076 ± 0.207 $\chi^2/\text{NDF}: 486.7/17$

Out: 3.850 ± 0.206 $\chi^2/\text{NDF}: 391.8/20$

All: 3.465 ± 0.146 $\chi^2/\text{NDF}: 885.6/38$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 18.305+/-0.647 χ^2/NDF : 88.7/2

Right Out: 32.804+/-0.423 χ^2/NDF : 1659.8/17

Left In: 19.774+/-0.747 χ^2/NDF : 0.1/1

Left: 18.935+/-0.489 χ^2/NDF : 91.0/4

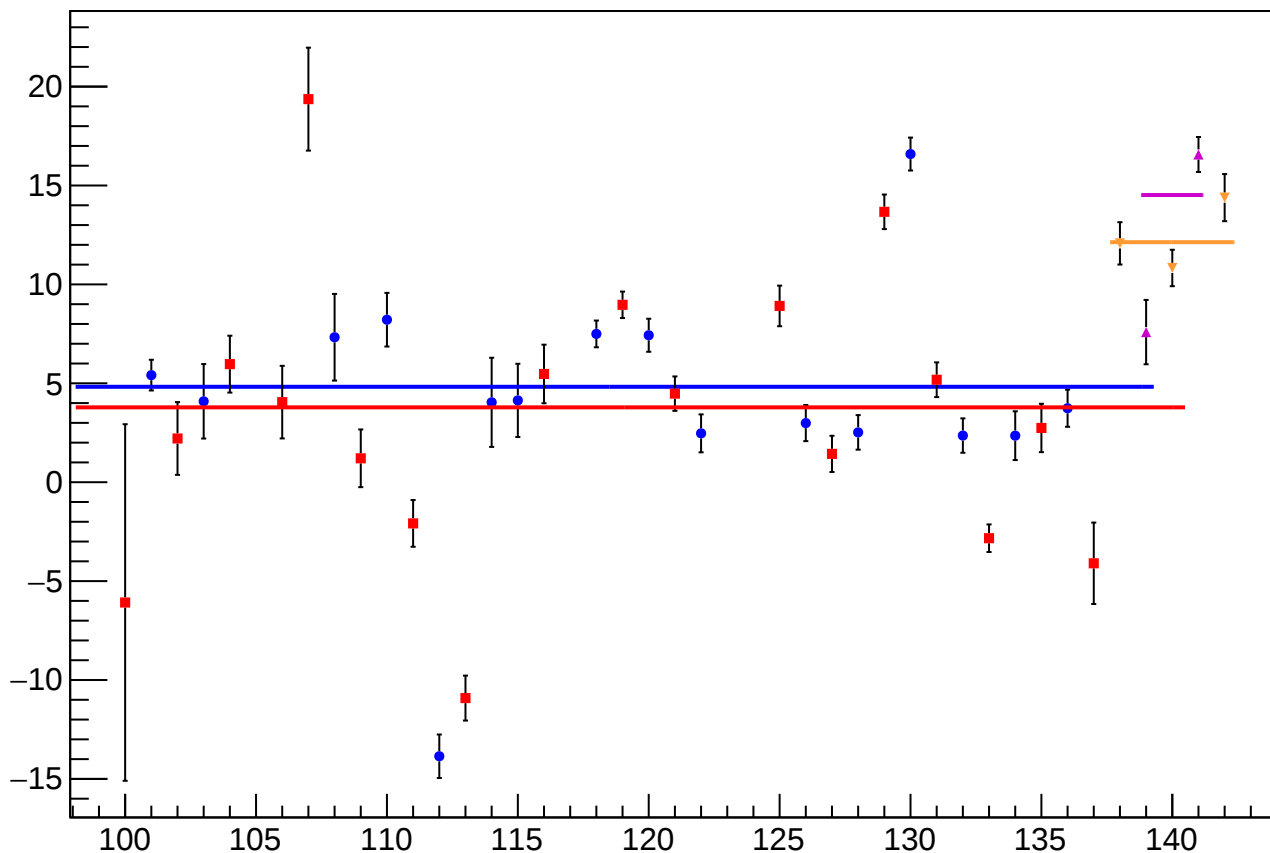
Right: 31.111+/-0.297 χ^2/NDF : 3183.0/33

In: 27.156+/-0.364 χ^2/NDF : 1619.9/17

Out: 28.464+/-0.354 χ^2/NDF : 2100.2/20

All: 27.829+/-0.254 χ^2/NDF : 3726.7/38

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 12.135 $\pm$ 0.602 χ^2 /NDF: 5.6/2

Right Out: 3.784 $\pm$ 0.259 χ^2 /NDF: 564.8/17

Left In: 14.518 $\pm$ 0.777 χ^2 /NDF: 23.5/1

Left: 13.029 $\pm$ 0.476 χ^2 /NDF: 35.0/4

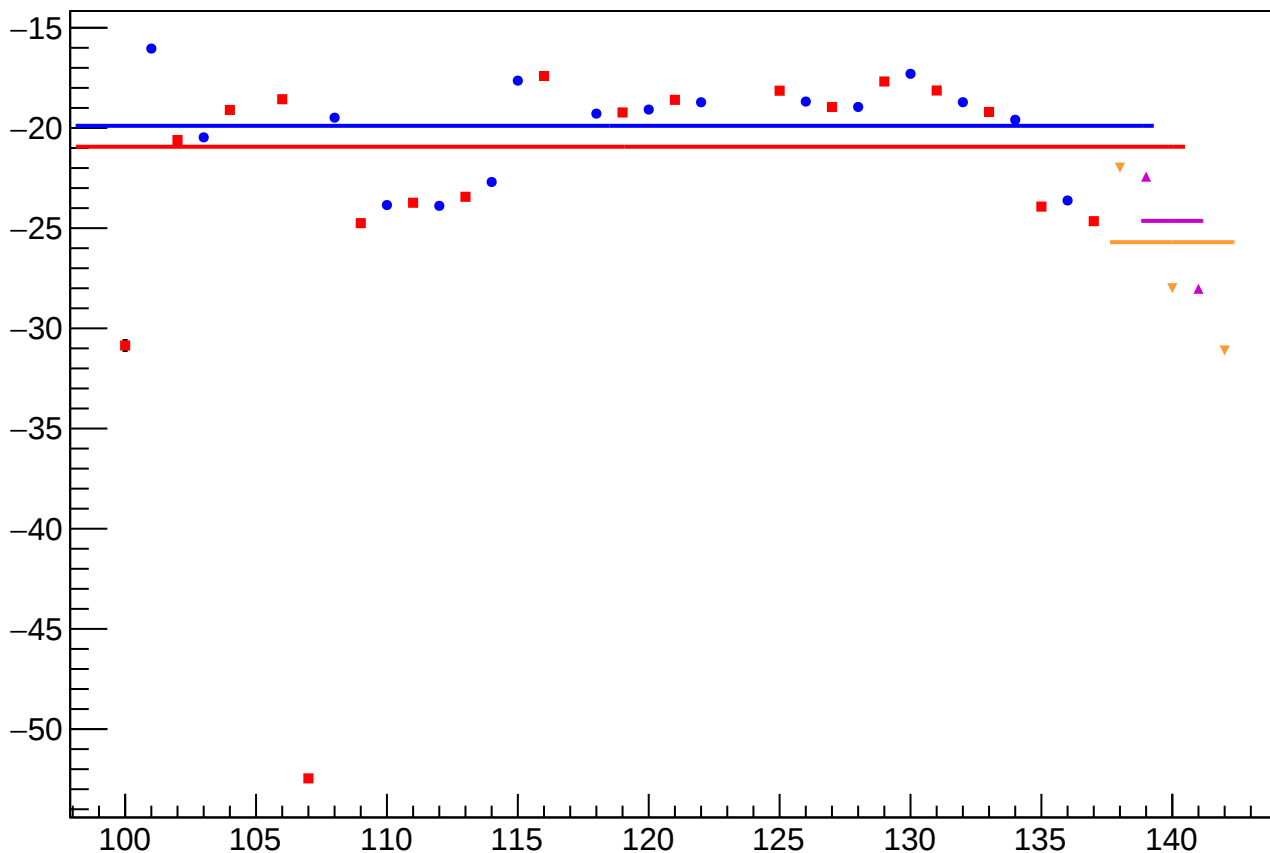
Right: 4.319 $\pm$ 0.180 χ^2 /NDF: 1126.1/33

In: 5.744 $\pm$ 0.239 χ^2 /NDF: 717.3/17

Out: 5.086 $\pm$ 0.238 χ^2 /NDF: 732.6/20

All: 5.413 $\pm$ 0.169 χ^2 /NDF: 1453.7/38

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892+/-0.016 χ^2/NDF : 26092.3/15

Left Out: -25.700+/-0.027 χ^2/NDF :18412.0/2

Right Out: -20.936+/-0.016 χ^2/NDF : 94127.3/17

Left In: -24.637+/-0.028 χ^2/NDF :9648.3/1

Left: -25.192+/-0.019 χ^2/NDF : 28822.1/4

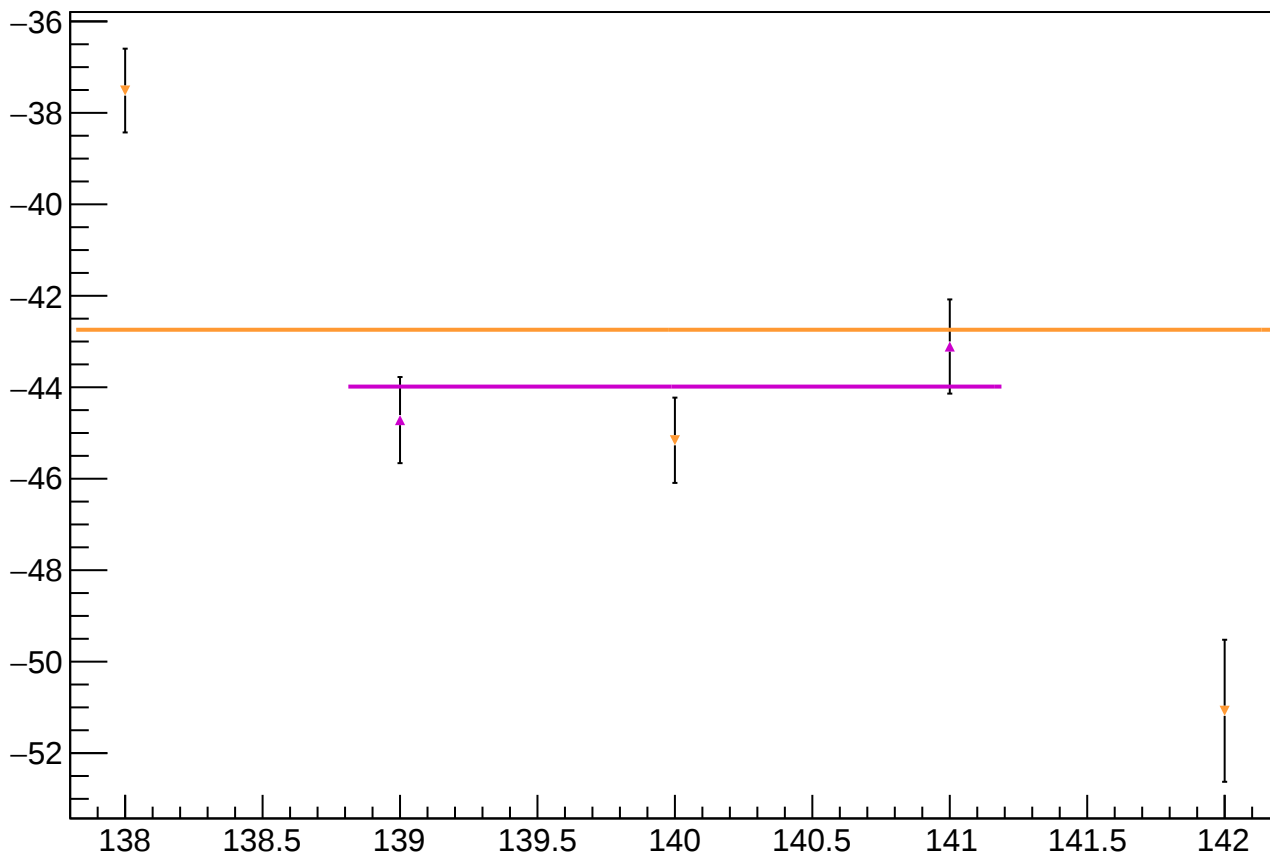
Right: -20.410+/-0.011 χ^2/NDF : 122445.5/33

In: -21.025+/-0.014 χ^2/NDF :57858.9/17

Out: -22.167+/-0.014 χ^2/NDF :136275.3/20

All: -21.599+/-0.010 χ^2/NDF : 197676.0/38

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: -42.742+/-0.602 χ^2/NDF : 68.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.985+/-0.695 χ^2/NDF : 1.3/1

Left: -43.276+/-0.455 χ^2/NDF : 71.3/4

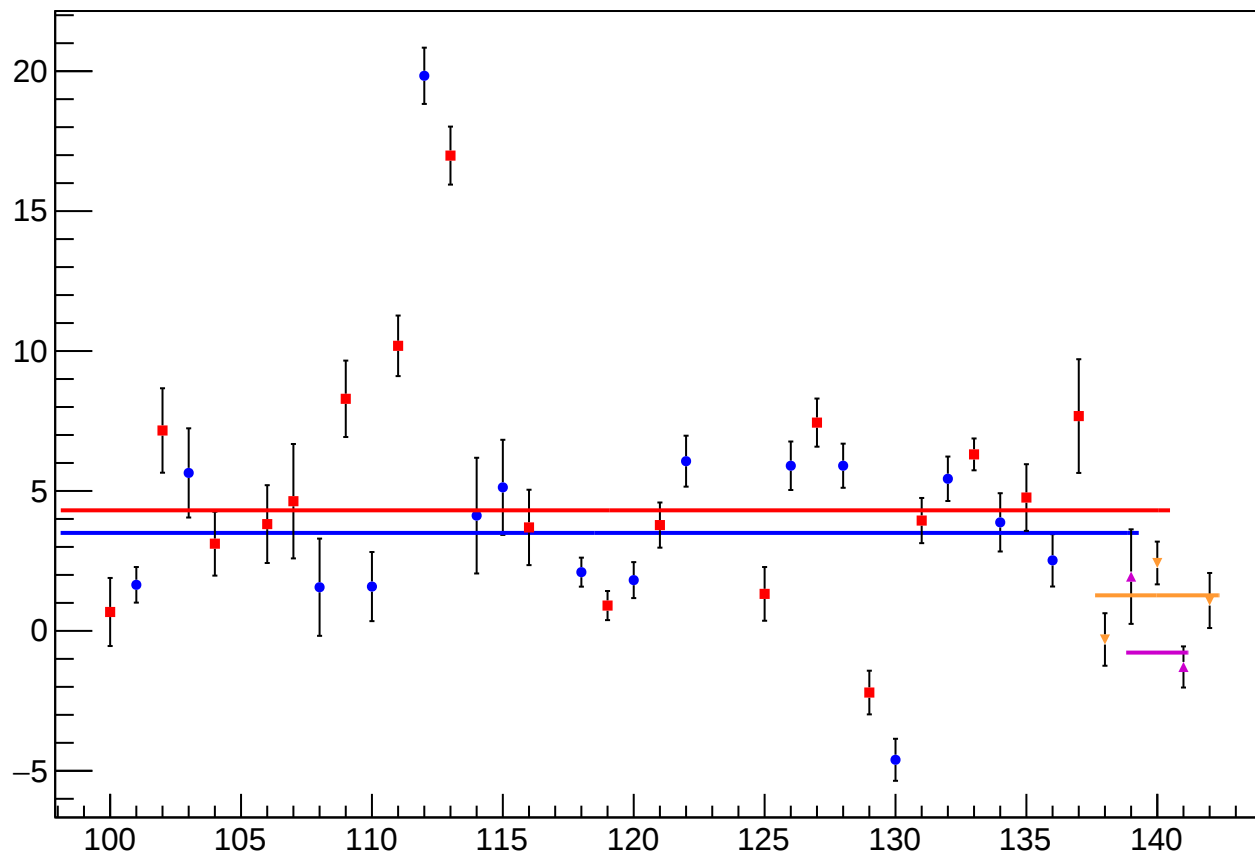
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.985+/-0.695 χ^2/NDF : 1.3/1

Out: -42.742+/-0.602 χ^2/NDF : 68.1/2

All: -43.276+/-0.455 χ^2/NDF : 71.3/4

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: 1.270 ± 0.507 $\chi^2/\text{NDF}: 5.2/2$

Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: -0.776 ± 0.674 $\chi^2/\text{NDF}: 3.1/1$

Left: 0.530 ± 0.405 $\chi^2/\text{NDF}: 14.1/4$

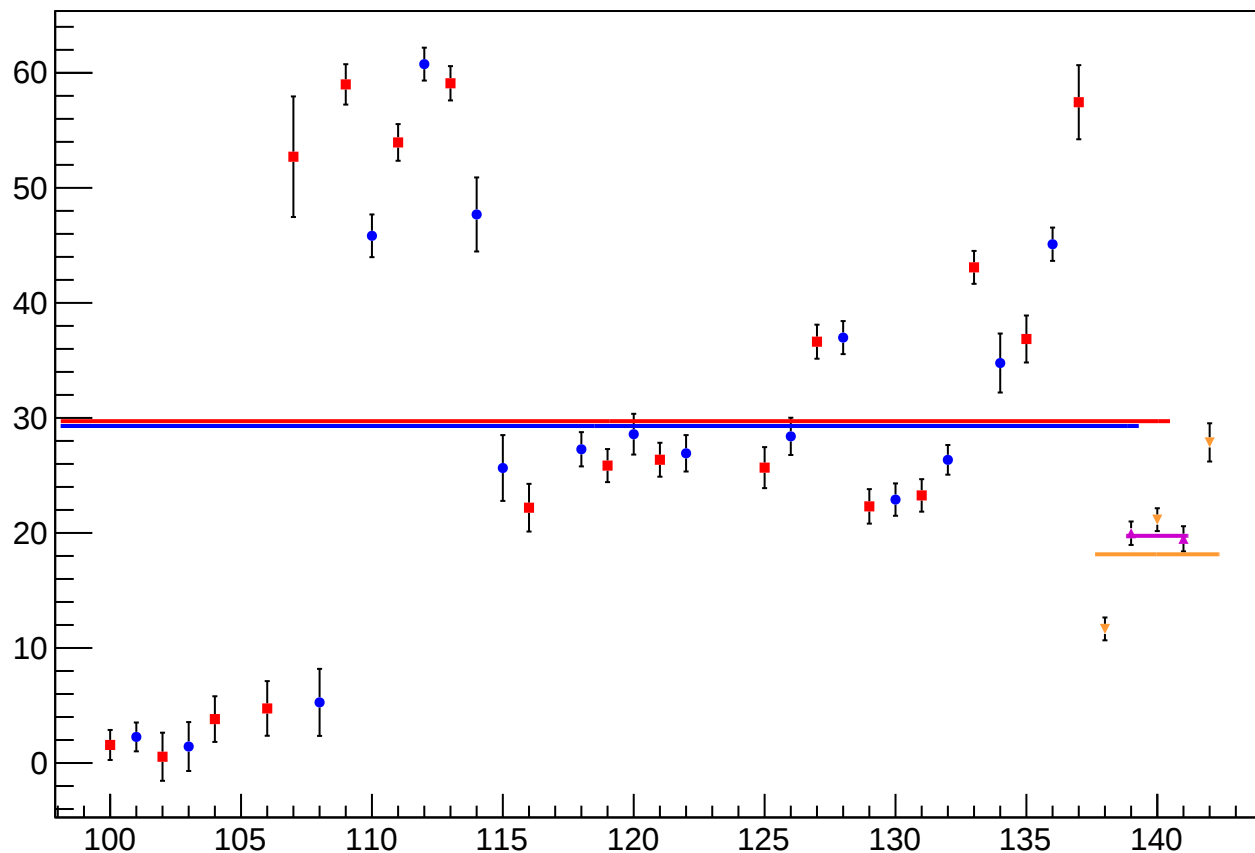
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 3.098 ± 0.207 $\chi^2/\text{NDF}: 481.5/17$

Out: 3.822 ± 0.203 $\chi^2/\text{NDF}: 388.0/20$

All: 3.467 ± 0.145 $\chi^2/\text{NDF}: 875.7/38$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 18.145 $\pm$ 0.647 χ^2 /NDF:86.1/2

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 19.750 $\pm$ 0.746 χ^2 /NDF:0.1/1

Left: 18.833 $\pm$ 0.489 χ^2 /NDF: 88.9/4

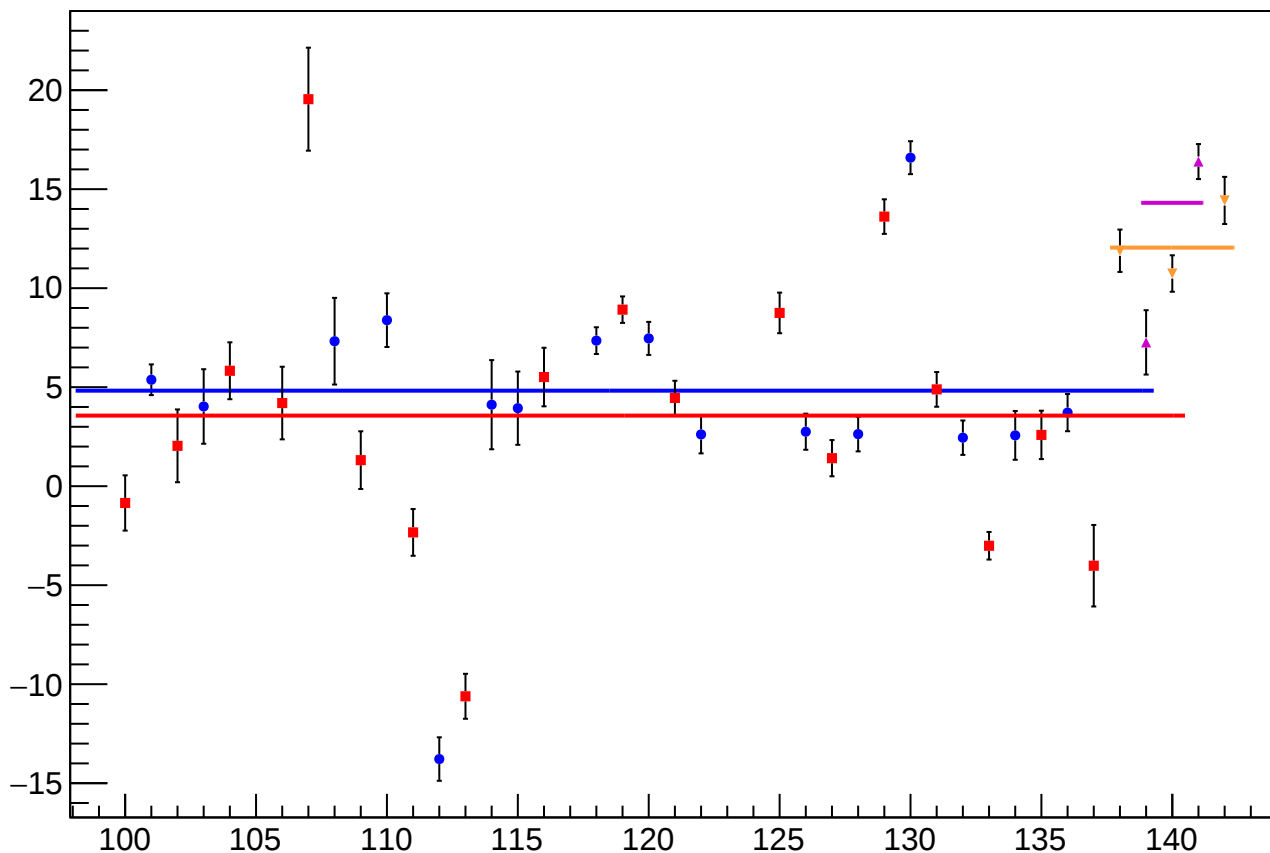
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 27.024 $\pm$ 0.364 χ^2 /NDF:1610.0/17

Out: 26.487 $\pm$ 0.342 χ^2 /NDF:2445.8/20

All: 26.739 $\pm$ 0.249 χ^2 /NDF: 4057.0/38

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: 12.049 $\pm$ 0.602 χ^2 /NDF: 6.0/2

Right Out: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

Left In: 14.310 $\pm$ 0.777 χ^2 /NDF: 24.4/1

Left: 12.898 $\pm$ 0.476 χ^2 /NDF: 35.7/4

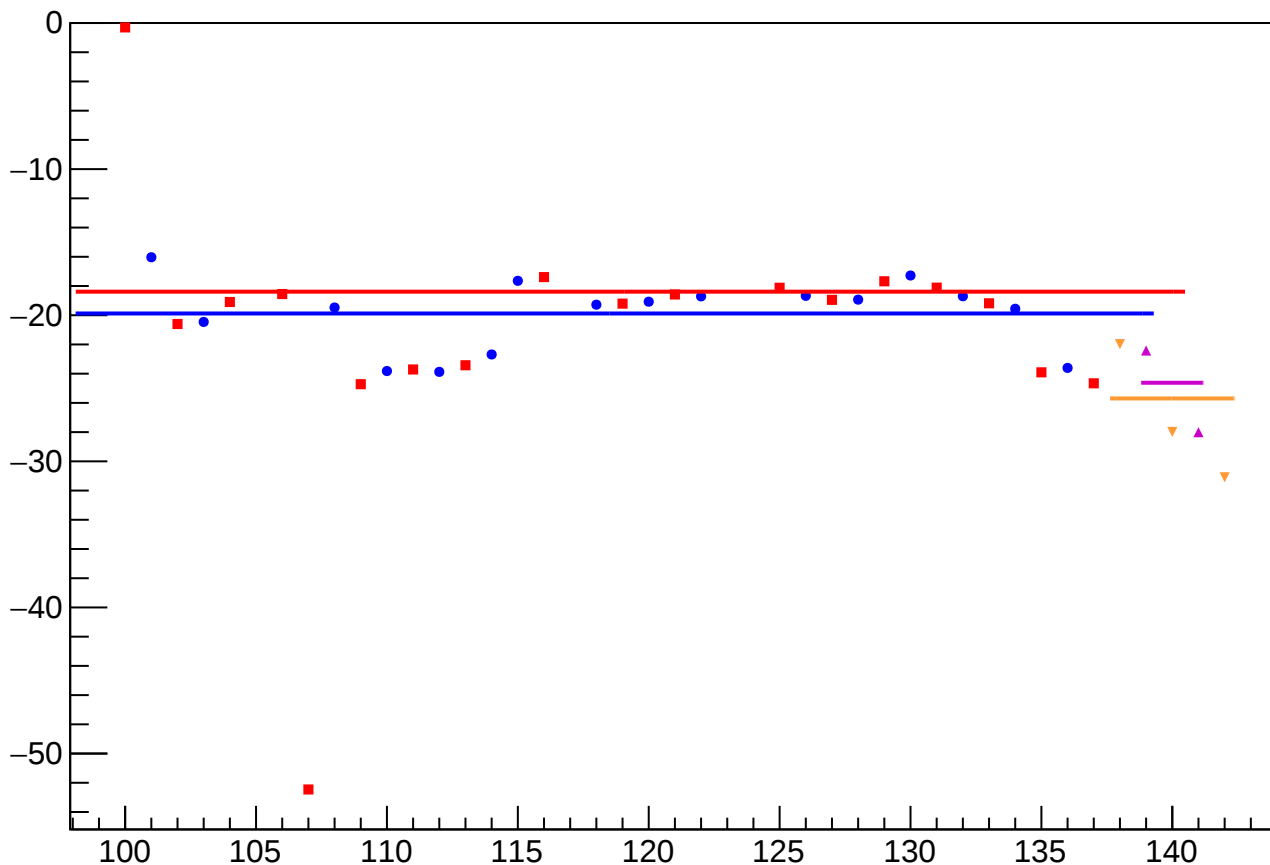
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 5.725 $\pm$ 0.239 χ^2 /NDF: 708.7/17

Out: 4.850 $\pm$ 0.234 χ^2 /NDF: 744.8/20

All: 5.278 $\pm$ 0.167 χ^2 /NDF: 1460.3/38

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 $\pm$ 0.016 χ^2 /NDF: 26082.0/15

Left Out: -25.694 $\pm$ 0.027 χ^2 /NDF: 18388.1/2

Right Out: -18.387 $\pm$ 0.015 χ^2 /NDF: 301256.3/17

Left In: -24.621 $\pm$ 0.028 χ^2 /NDF: 9649.0/1

Left: -25.181 $\pm$ 0.019 χ^2 /NDF: 28813.9/4

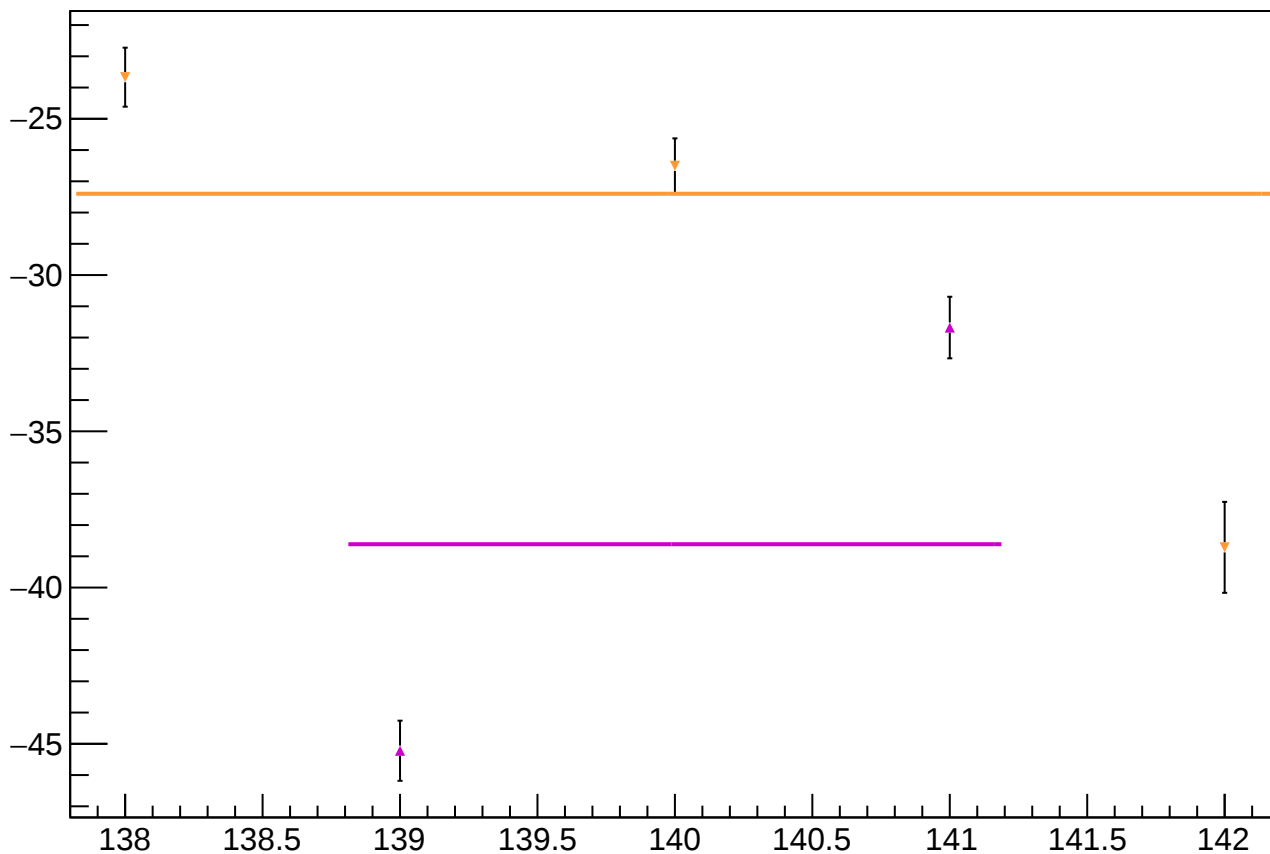
Right: -19.093 $\pm$ 0.011 χ^2 /NDF: 332185.5/33

In: -21.012 $\pm$ 0.014 χ^2 /NDF: 57847.0/17

Out: -20.103 $\pm$ 0.013 χ^2 /NDF: 377323.8/20

All: -20.534 $\pm$ 0.009 χ^2 /NDF: 437528.4/38

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: -27.398+/-0.588 χ^2/NDF : 77.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.613+/-0.688 χ^2/NDF : 96.7/1

Left: -32.133+/-0.447 χ^2/NDF : 327.3/4

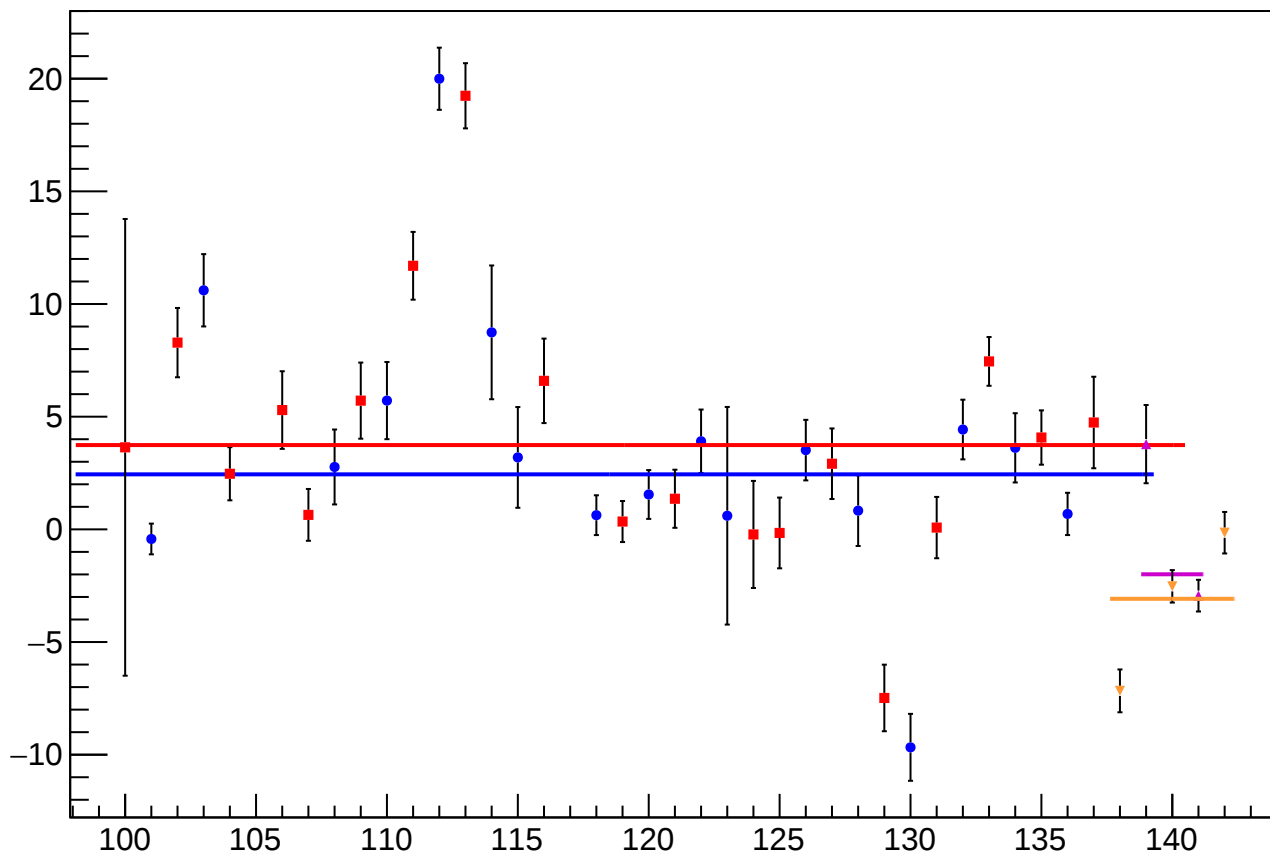
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.613+/-0.688 χ^2/NDF : 96.7/1

Out: -27.398+/-0.588 χ^2/NDF : 77.1/2

All: -32.133+/-0.447 χ^2/NDF : 327.3/4

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: -3.081 ± 0.487 χ^2/NDF : 29.2/2

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: -1.994 ± 0.652 χ^2/NDF : 12.9/1

Left: -2.692 ± 0.390 χ^2/NDF : 43.9/4

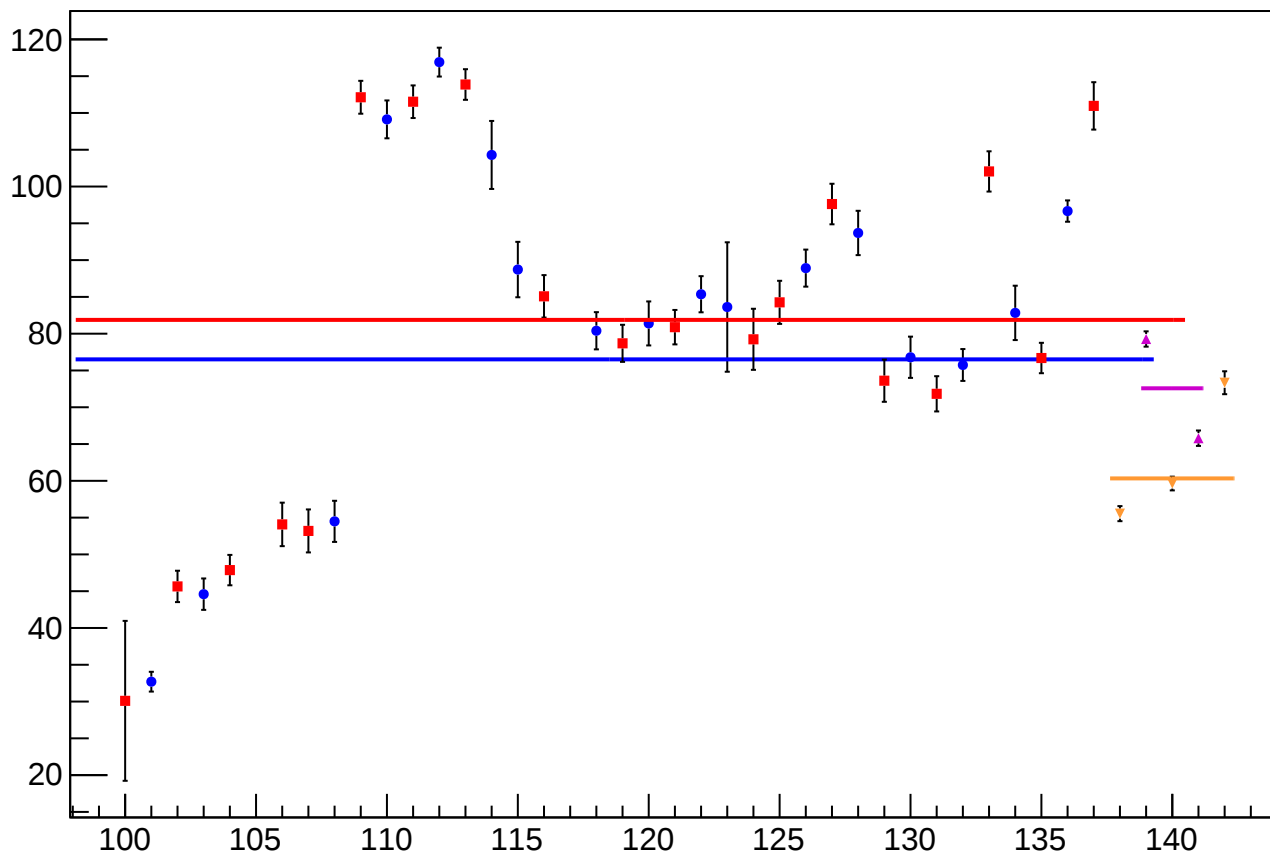
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 1.617 ± 0.281 χ^2/NDF : 345.3/18

Out: 1.626 ± 0.271 χ^2/NDF : 432.6/21

All: 1.622 ± 0.195 χ^2/NDF : 777.9/40

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 60.328 $\pm$ 0.631 χ^2 /NDF:92.1/2

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 72.576 $\pm$ 0.738 χ^2 /NDF:83.4/1

Left: 65.500 $\pm$ 0.480 χ^2 /NDF: 334.4/4

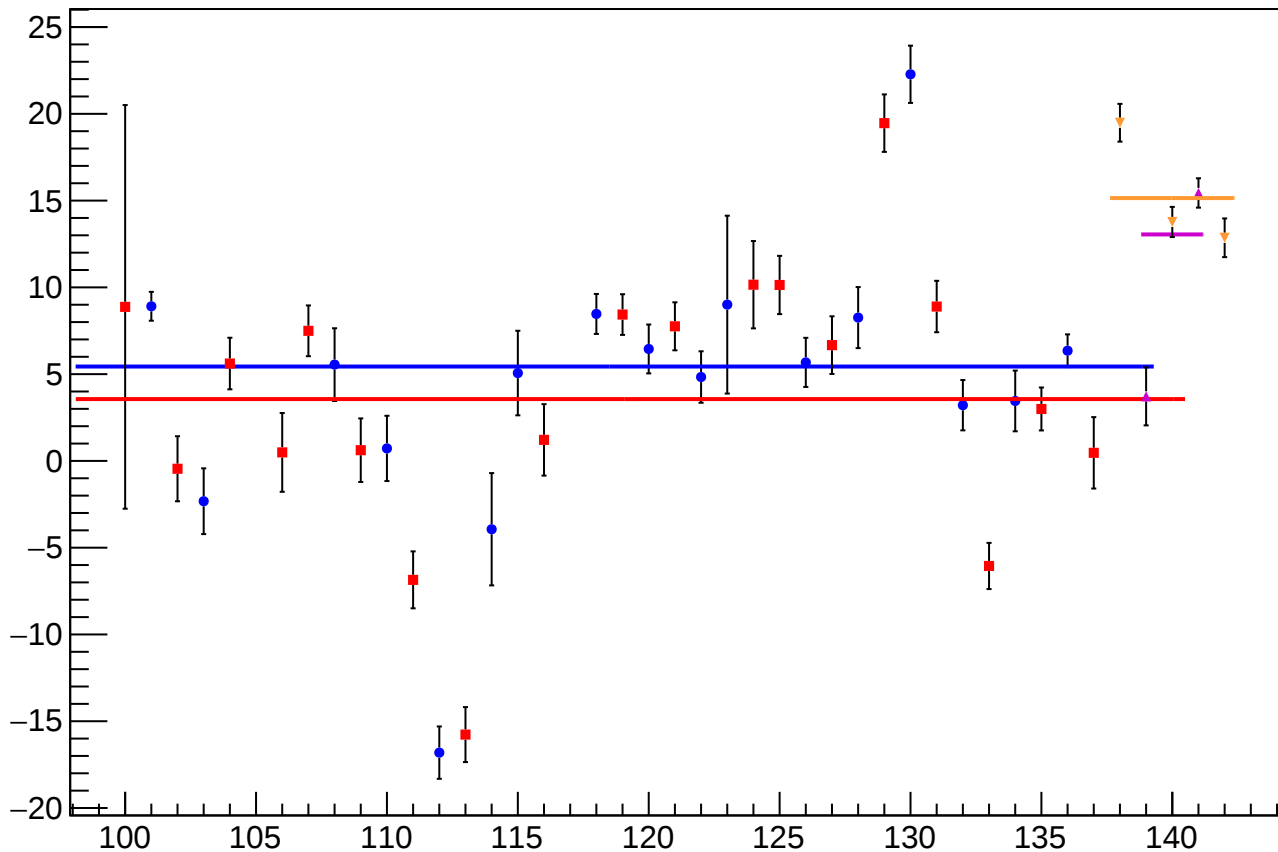
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 75.027 $\pm$ 0.453 χ^2 /NDF:2351.9/18

Out: 71.798 $\pm$ 0.432 χ^2 /NDF:2283.0/21

All: 73.334 $\pm$ 0.313 χ^2 /NDF: 4661.5/40

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 15.146 $\pm$ 0.580 χ^2 /NDF:22.6/2

Right Out: 3.563 $\pm$ 0.375 χ^2 /NDF: 420.8/18

Left In: 13.051 $\pm$ 0.755 χ^2 /NDF:39.1/1

Left: 14.369 $\pm$ 0.460 χ^2 /NDF: 66.6/4

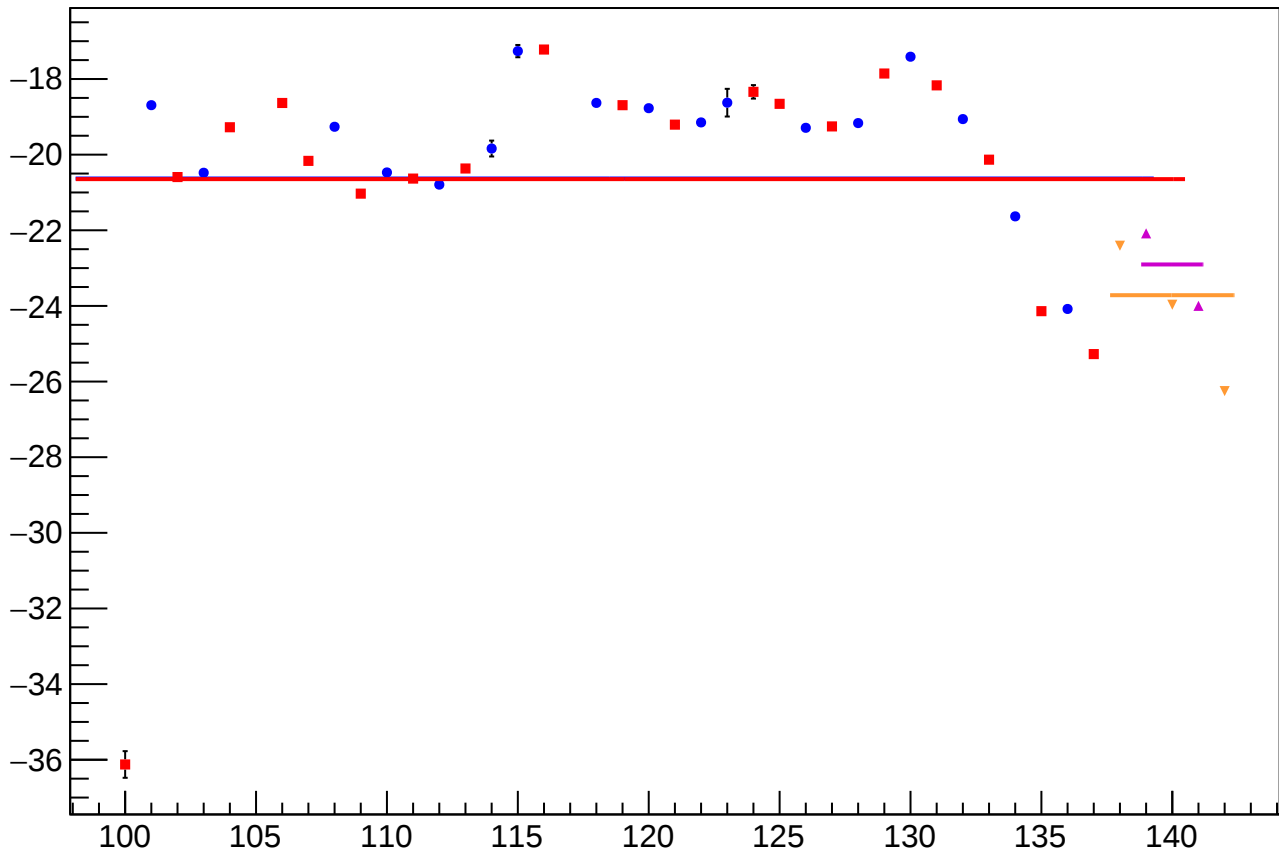
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 6.836 $\pm$ 0.323 χ^2 /NDF:508.4/18

Out: 6.979 $\pm$ 0.315 χ^2 /NDF:724.8/21

All: 6.909 $\pm$ 0.226 χ^2 /NDF: 1233.3/40

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -23.716+/-0.026 χ^2/NDF : 2728.8/2

Right Out: -20.647+/-0.019 χ^2/NDF : 13908.9/18

Left In: -22.904+/-0.028 χ^2/NDF : 1168.5/1

Left: -23.335+/-0.019 χ^2/NDF : 4352.1/4

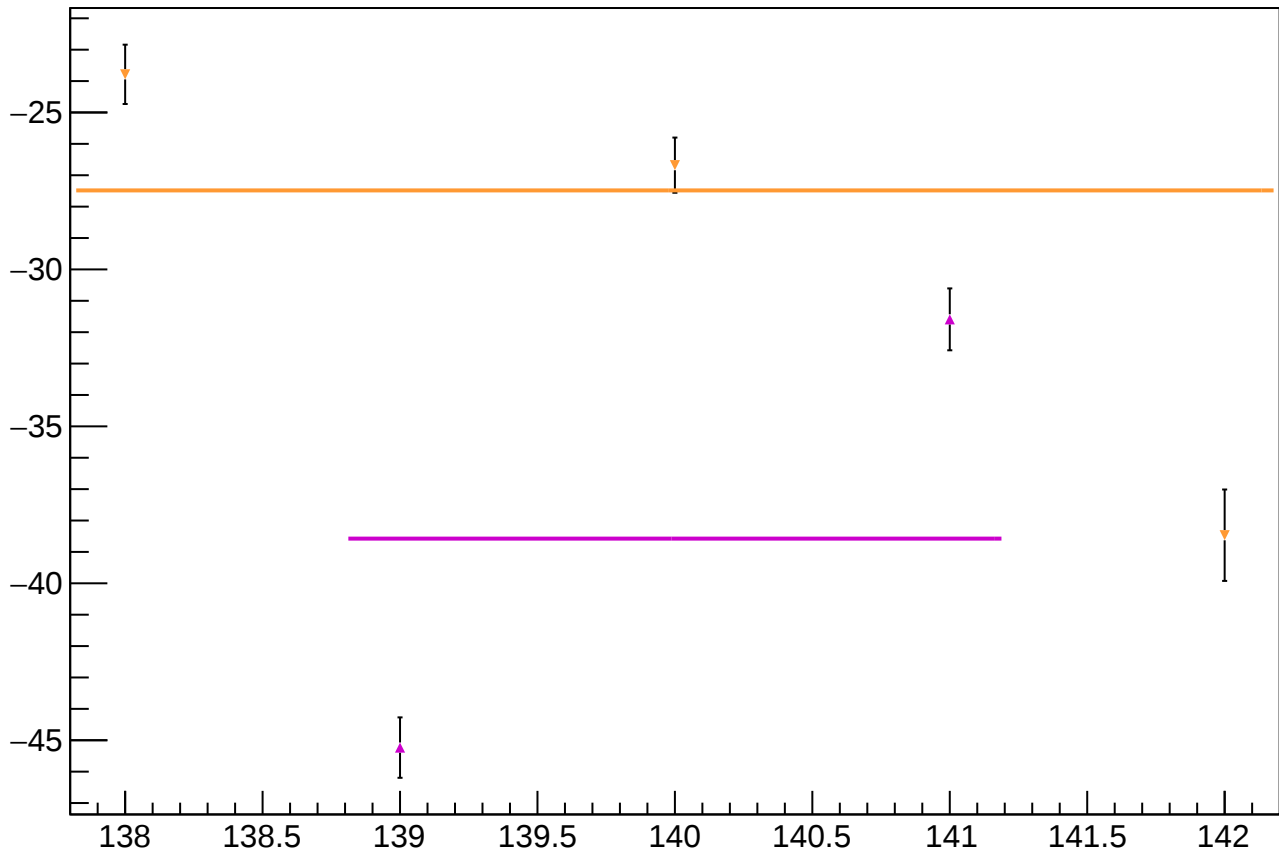
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -21.372+/-0.016 χ^2/NDF : 18189.6/18

Out: -21.740+/-0.016 χ^2/NDF : 25527.4/21

All: -21.559+/-0.011 χ^2/NDF : 43992.1/40

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: -27.483+/-0.589 χ^2/NDF : 73.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.576+/-0.689 χ^2/NDF : 98.0/1

Left: -32.166+/-0.447 χ^2/NDF : 321.0/4

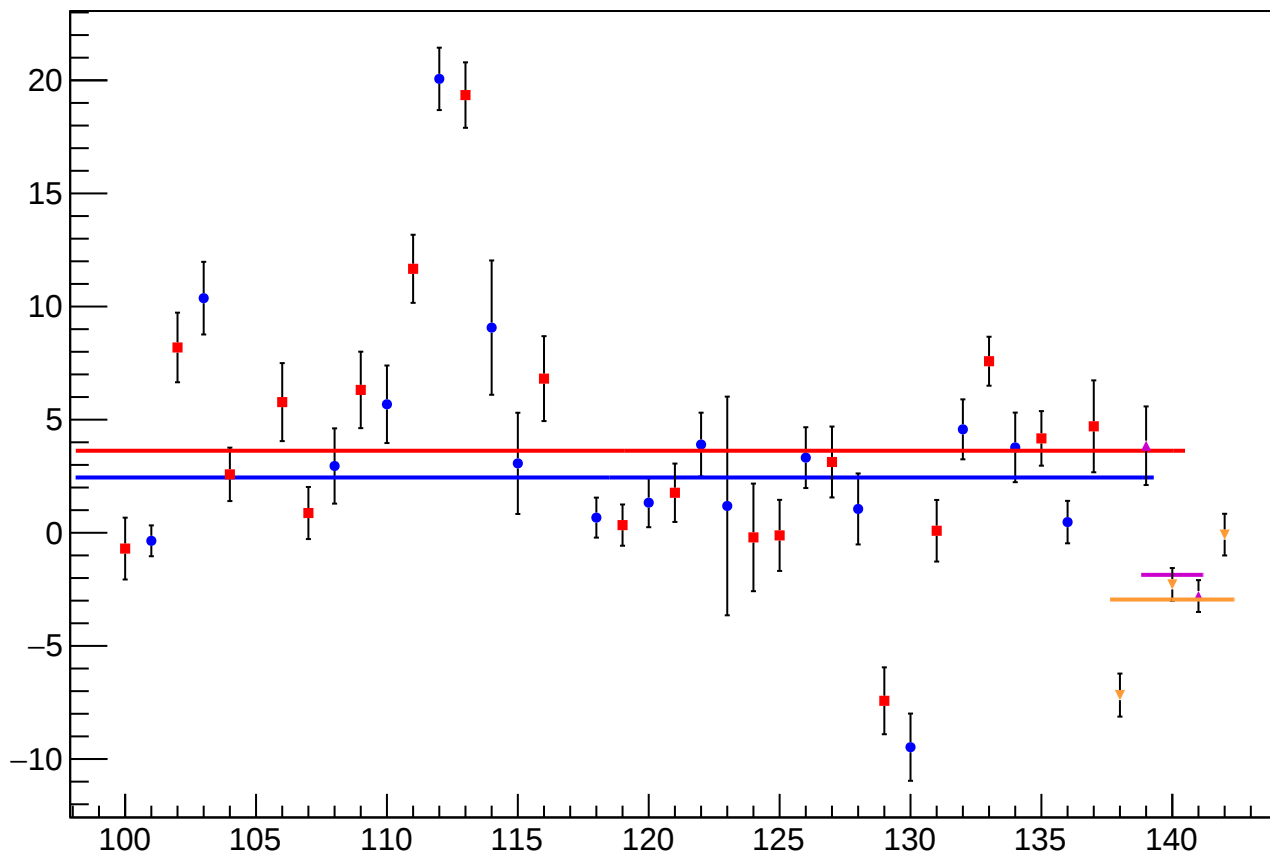
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.576+/-0.689 χ^2/NDF : 98.0/1

Out: -27.483+/-0.589 χ^2/NDF : 73.1/2

All: -32.166+/-0.447 χ^2/NDF : 321.0/4

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: -2.950 $\pm$ 0.488 χ^2 /NDF:30.3/2

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: -1.859 $\pm$ 0.652 χ^2 /NDF:12.6/1

Left: -2.559 $\pm$ 0.391 χ^2 /NDF: 44.6/4

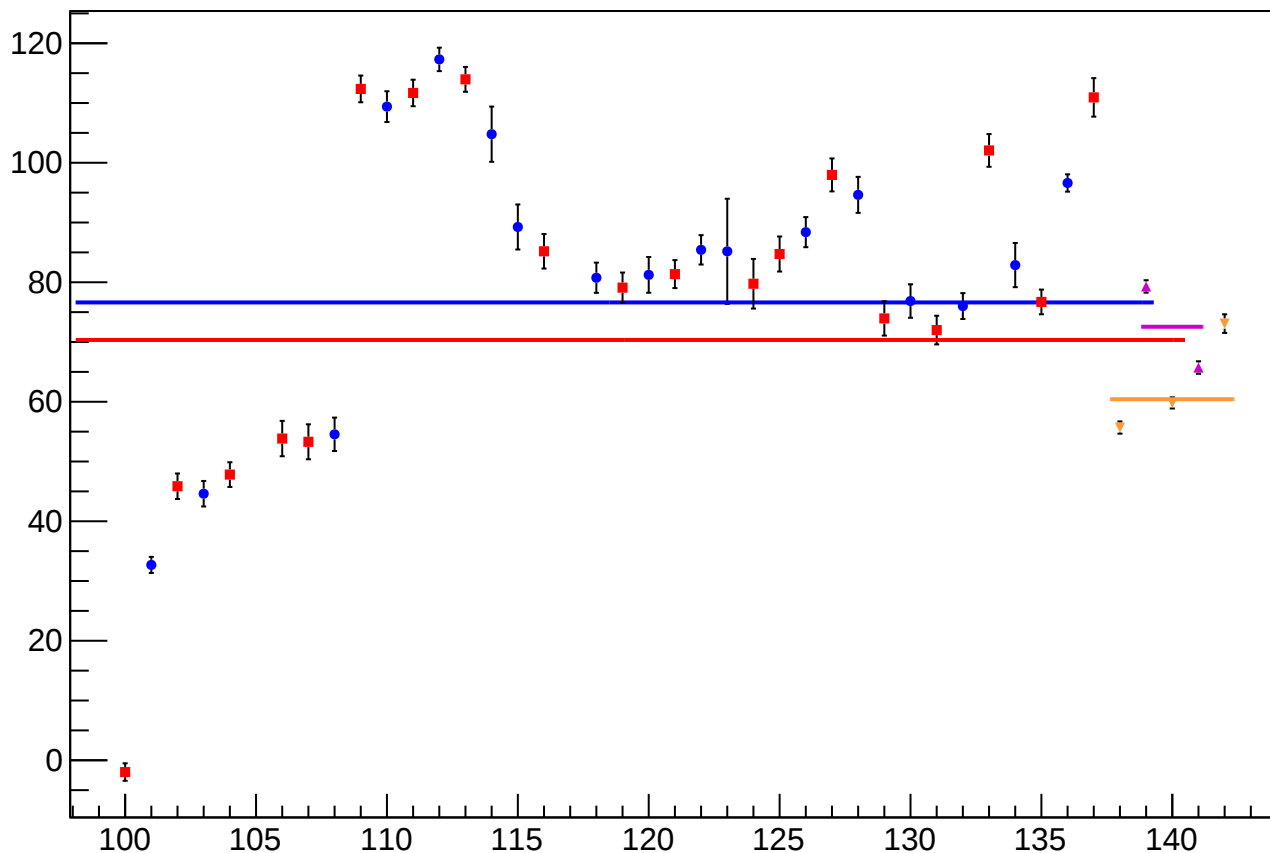
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 1.645 $\pm$ 0.281 χ^2 /NDF:340.7/18

Out: 1.664 $\pm$ 0.266 χ^2 /NDF:436.9/21

All: 1.655 $\pm$ 0.193 χ^2 /NDF: 777.6/40

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: 60.423 $\pm$ 0.632 χ^2/NDF : 87.8/2

Right Out: 70.347 $\pm$ 0.550 χ^2/NDF : 4388.1/18

Left In: 72.555 $\pm$ 0.739 χ^2/NDF : 84.3/1

Left: 65.546 $\pm$ 0.480 χ^2/NDF : 327.9/4

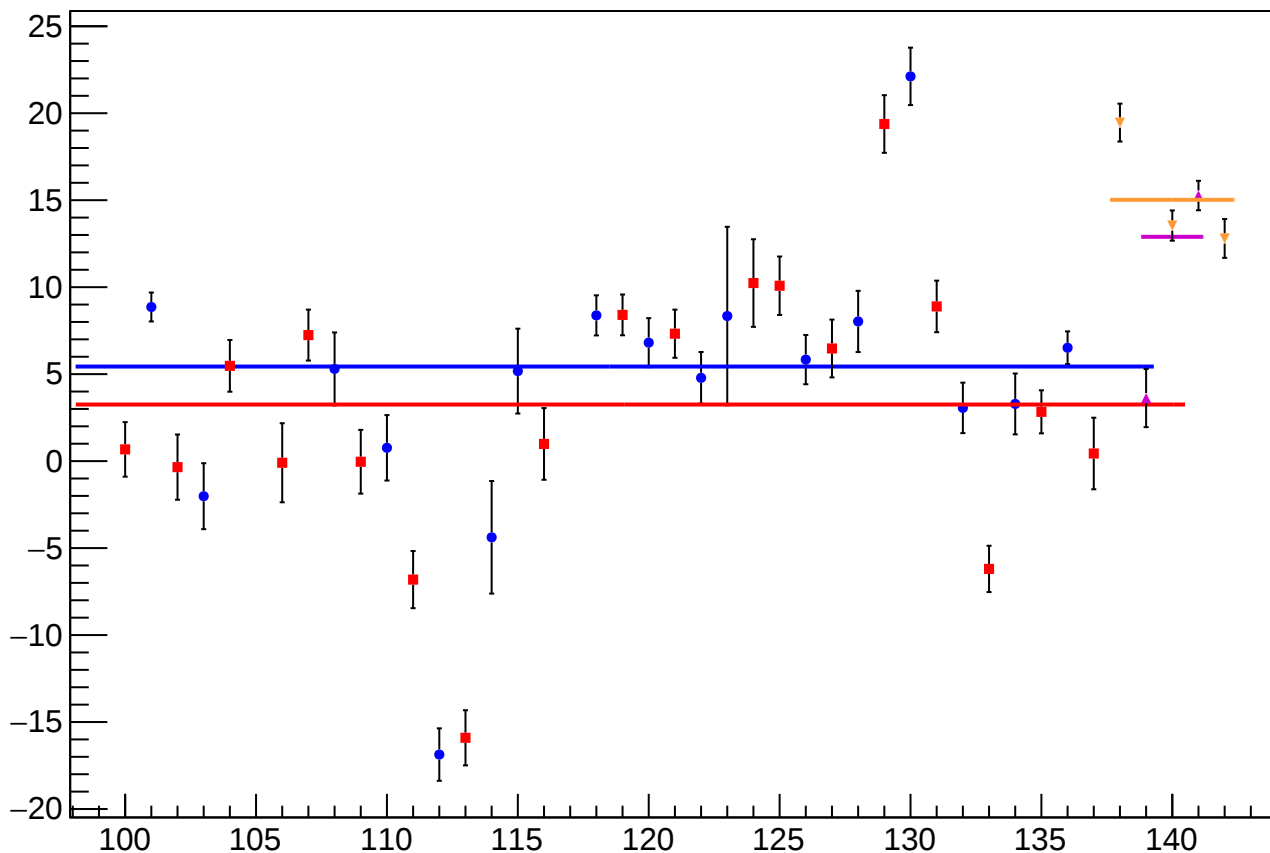
Right: 73.348 $\pm$ 0.397 χ^2/NDF : 6713.3/35

In: 75.093 $\pm$ 0.454 χ^2/NDF : 2366.1/18

Out: 66.071 $\pm$ 0.415 χ^2/NDF : 4616.4/21

All: 70.179 $\pm$ 0.306 χ^2/NDF : 7198.0/40

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 15.022 $\pm$ 0.580 χ^2 /NDF: 23.5/2

Right Out: 3.253 $\pm$ 0.365 χ^2 /NDF: 423.7/18

Left In: 12.894 $\pm$ 0.755 χ^2 /NDF: 38.6/1

Left: 14.232 $\pm$ 0.460 χ^2 /NDF: 67.0/4

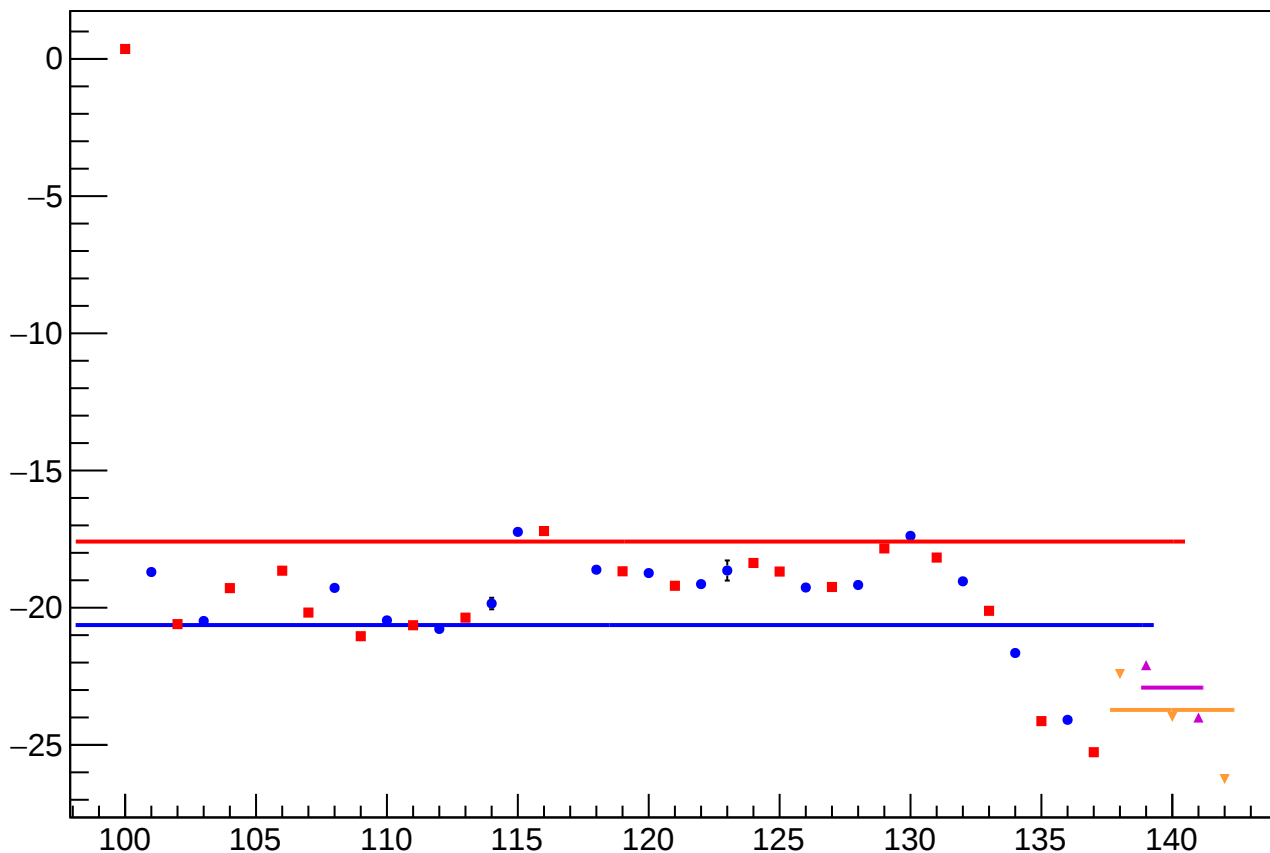
Right: 4.367 $\pm$ 0.256 χ^2 /NDF: 826.5/35

In: 6.805 $\pm$ 0.324 χ^2 /NDF: 502.7/18

Out: 6.591 $\pm$ 0.309 χ^2 /NDF: 741.9/21

All: 6.693 $\pm$ 0.223 χ^2 /NDF: 1244.8/40

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -23.725 ± 0.026 $\chi^2/\text{NDF}: 2703.3/2$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -22.913 ± 0.028 $\chi^2/\text{NDF}: 1157.0/1$

Left: -23.343 ± 0.019 $\chi^2/\text{NDF}: 4313.5/4$

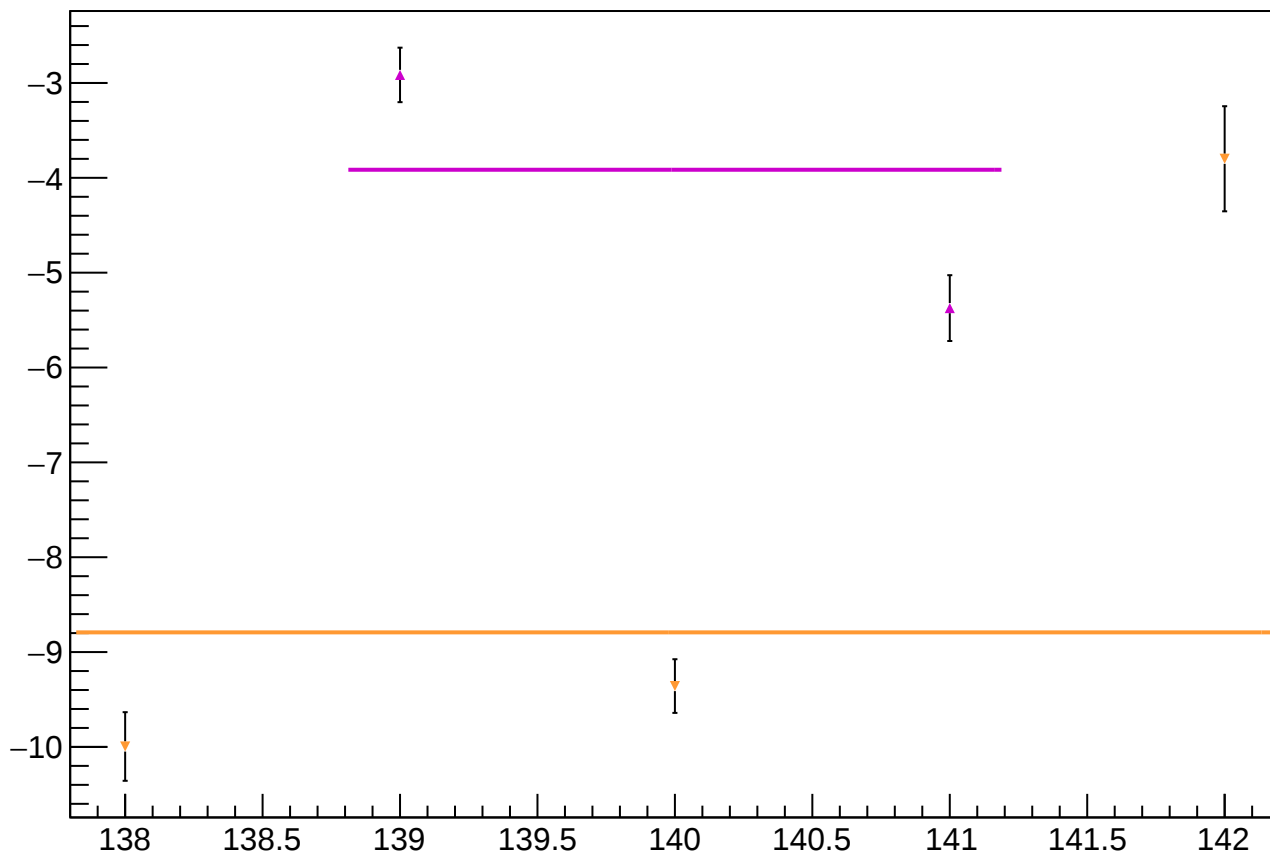
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -21.375 ± 0.016 $\chi^2/\text{NDF}: 18246.9/18$

Out: -19.565 ± 0.015 $\chi^2/\text{NDF}: 218737.1/21$

All: -20.410 ± 0.011 $\chi^2/\text{NDF}: 243938.8/40$

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: -8.792+/-0.207 χ^2/NDF :96.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.915+/-0.221 χ^2/NDF :29.8/1

Left: -6.519+/-0.151 χ^2/NDF : 385.5/4

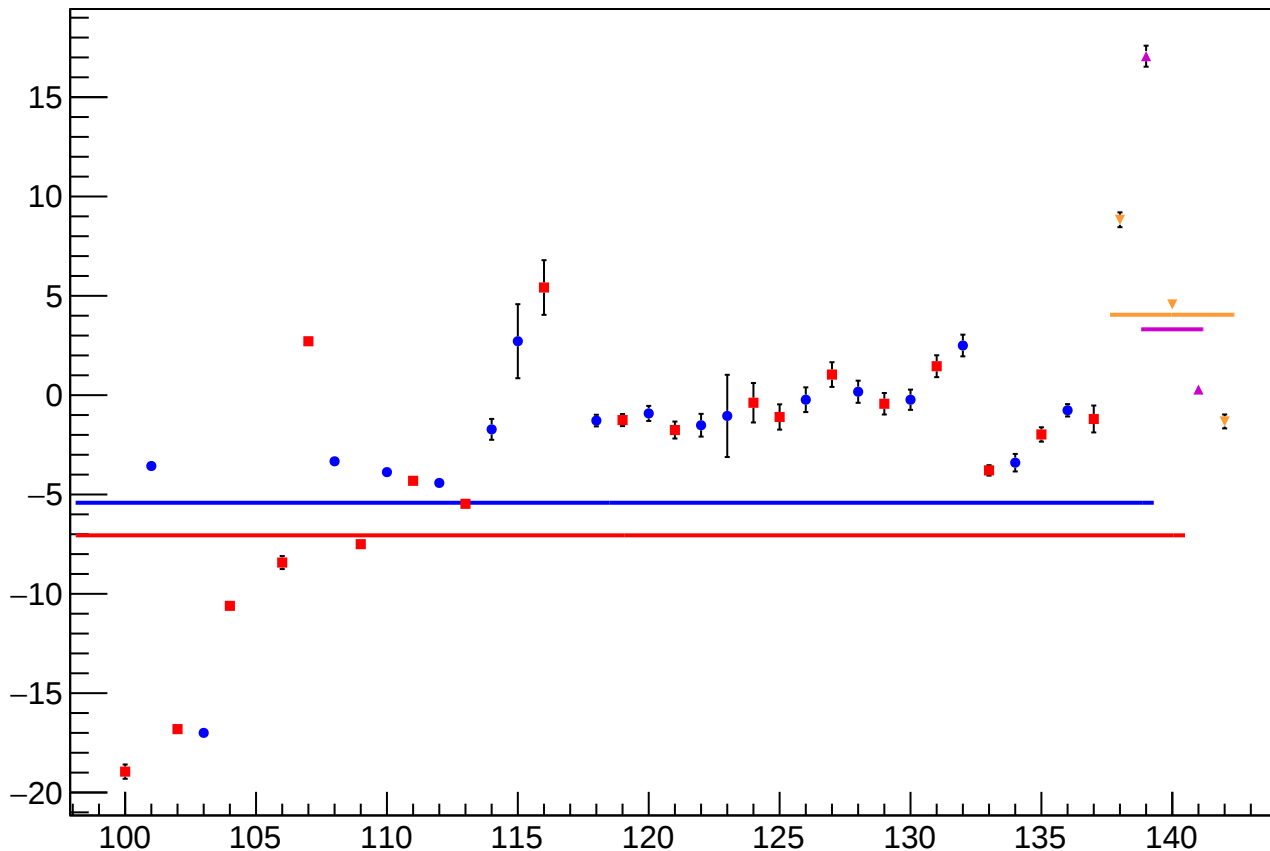
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.915+/-0.221 χ^2/NDF :29.8/1

Out: -8.792+/-0.207 χ^2/NDF :96.3/2

All: -6.519+/-0.151 χ^2/NDF : 385.5/4

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 $\chi^2/\text{NDF}: 9255.1/16$

Left Out: 4.048 ± 0.173 $\chi^2/\text{NDF}: 401.7/2$

Right Out: -7.056 ± 0.059 $\chi^2/\text{NDF}: 12334.0/18$

Left In: 3.314 ± 0.225 $\chi^2/\text{NDF}: 823.9/1$

Left: 3.775 ± 0.137 $\chi^2/\text{NDF}: 1232.3/4$

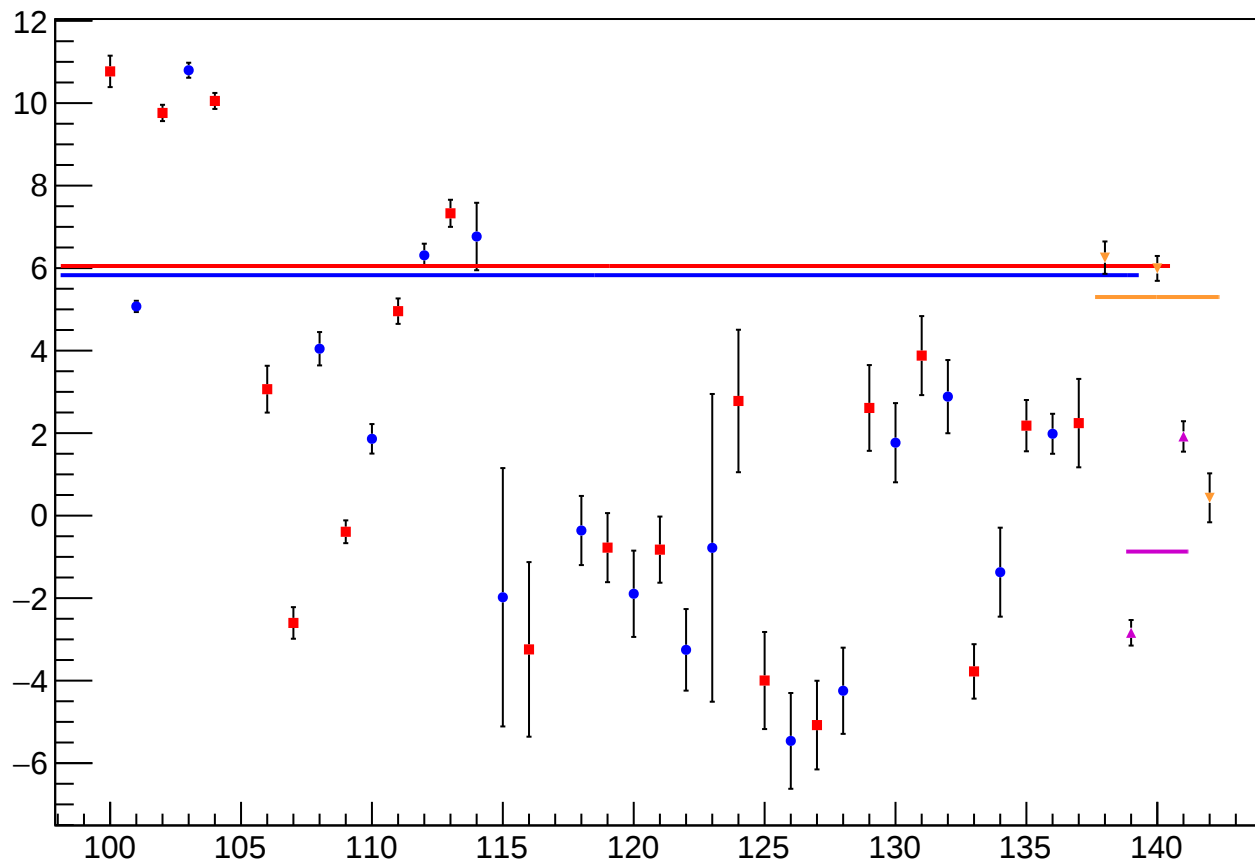
Right: -6.174 ± 0.040 $\chi^2/\text{NDF}: 22004.4/35$

In: -4.927 ± 0.053 $\chi^2/\text{NDF}: 11501.5/18$

Out: -5.901 ± 0.056 $\chi^2/\text{NDF}: 16417.5/21$

All: -5.390 ± 0.039 $\chi^2/\text{NDF}: 28078.6/40$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 5.299 ± 0.222 $\chi^2/\text{NDF}: 78.6/2$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -0.871 ± 0.237 $\chi^2/\text{NDF}: 97.6/1$

Left: 2.423 ± 0.162 $\chi^2/\text{NDF}: 537.2/4$

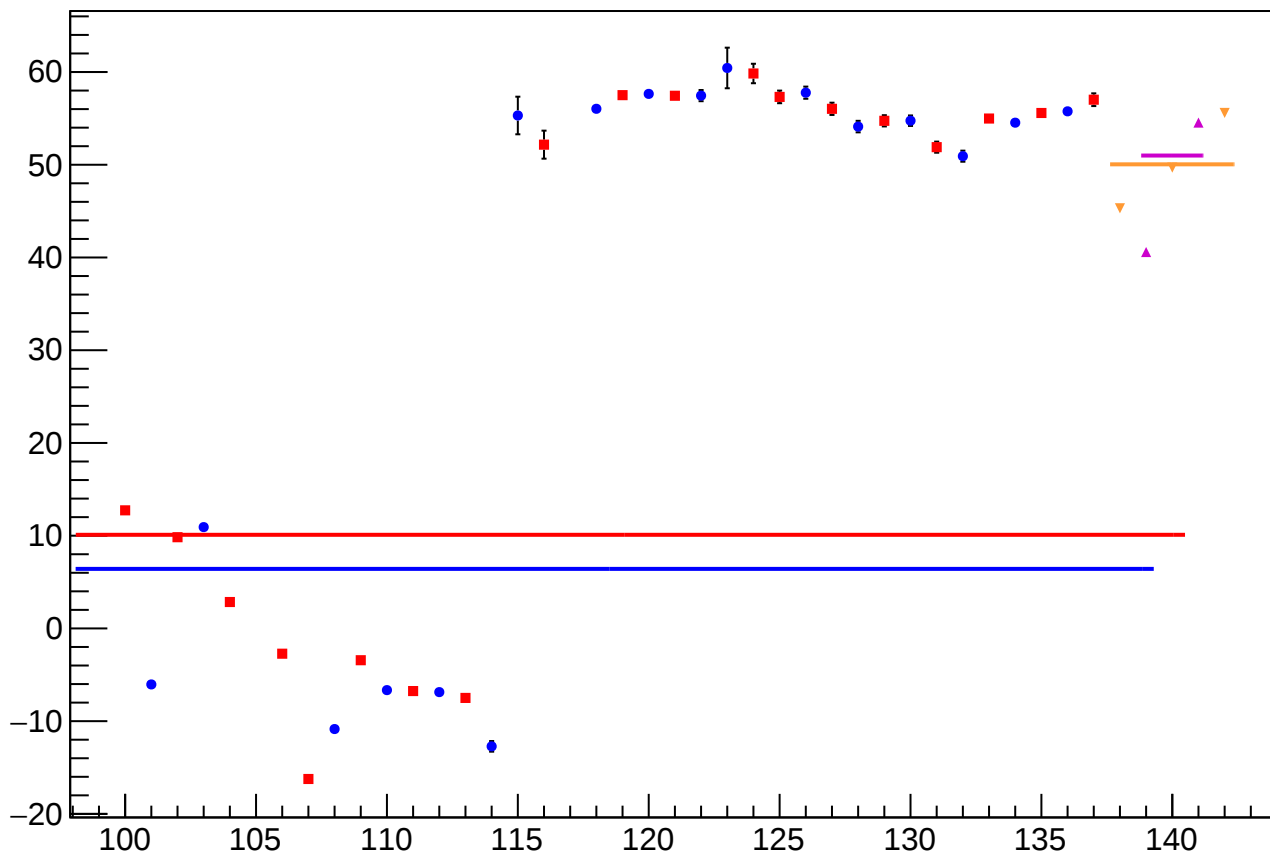
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 4.992 ± 0.084 $\chi^2/\text{NDF}: 2243.6/18$

Out: 5.938 ± 0.086 $\chi^2/\text{NDF}: 2762.4/21$

All: 5.453 ± 0.060 $\chi^2/\text{NDF}: 5068.1/40$

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: 50.045+/-0.206 χ^2/NDF :296.4/2

Right Out: 10.096+/-0.070 χ^2/NDF : 122124.3/18

Left In: 50.993+/-0.258 χ^2/NDF :557.5/1

Left: 50.415+/-0.161 χ^2/NDF : 862.1/4

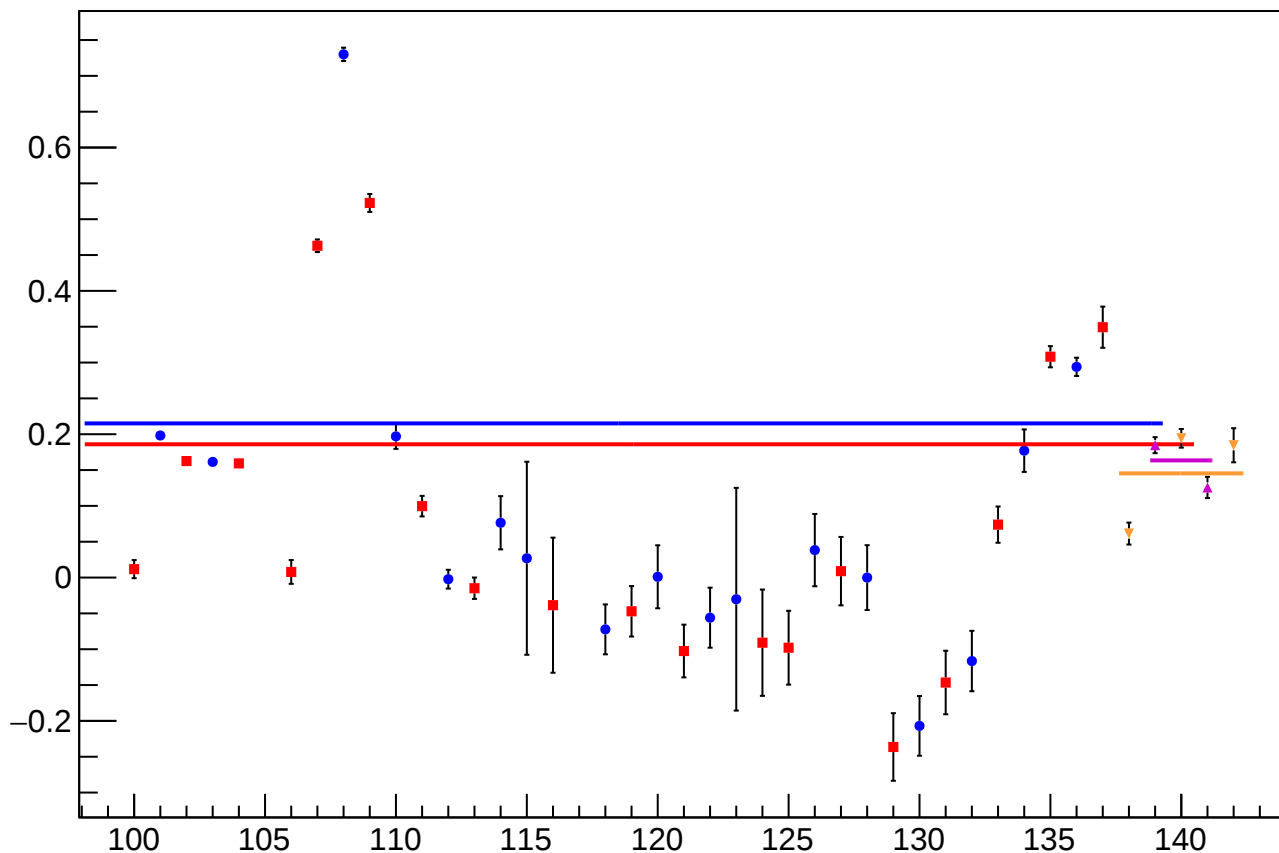
Right: 8.122+/-0.047 χ^2/NDF : 246726.1/35

In: 9.069+/-0.063 χ^2/NDF :151835.9/18

Out: 14.199+/-0.066 χ^2/NDF :156151.5/21

All: 11.505+/-0.045 χ^2/NDF : 311157.4/40

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.145 $\pm$ 0.009 χ^2 /NDF:46.9/2

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.163 $\pm$ 0.009 χ^2 /NDF:10.1/1

Left: 0.155 $\pm$ 0.006 χ^2 /NDF: 59.0/4

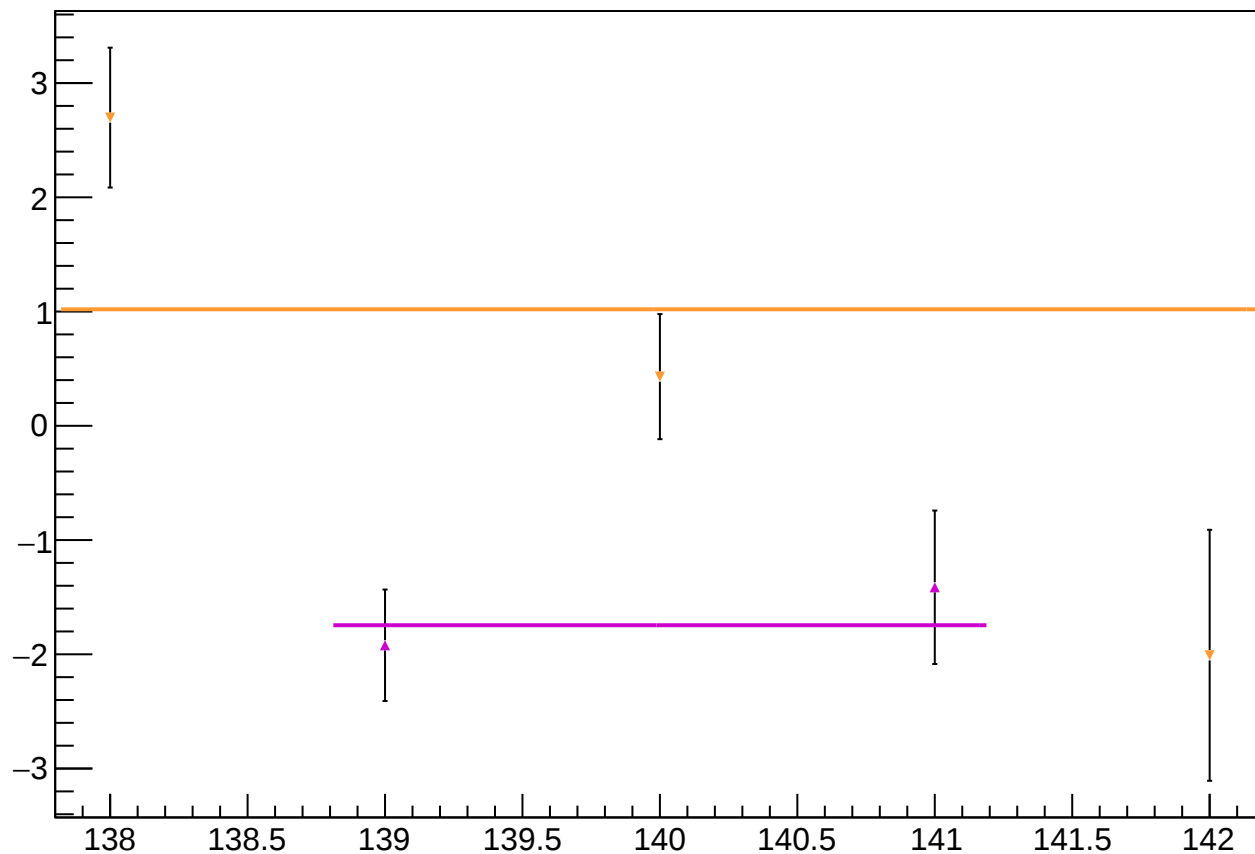
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.211 $\pm$ 0.003 χ^2 /NDF:3967.8/18

Out: 0.183 $\pm$ 0.003 χ^2 /NDF:2784.3/21

All: 0.196 $\pm$ 0.002 χ^2 /NDF: 6808.9/40

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.020+/-0.383 χ^2/NDF :16.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.746+/-0.395 χ^2/NDF :0.4/1

Left: -0.320+/-0.275 χ^2/NDF : 42.0/4

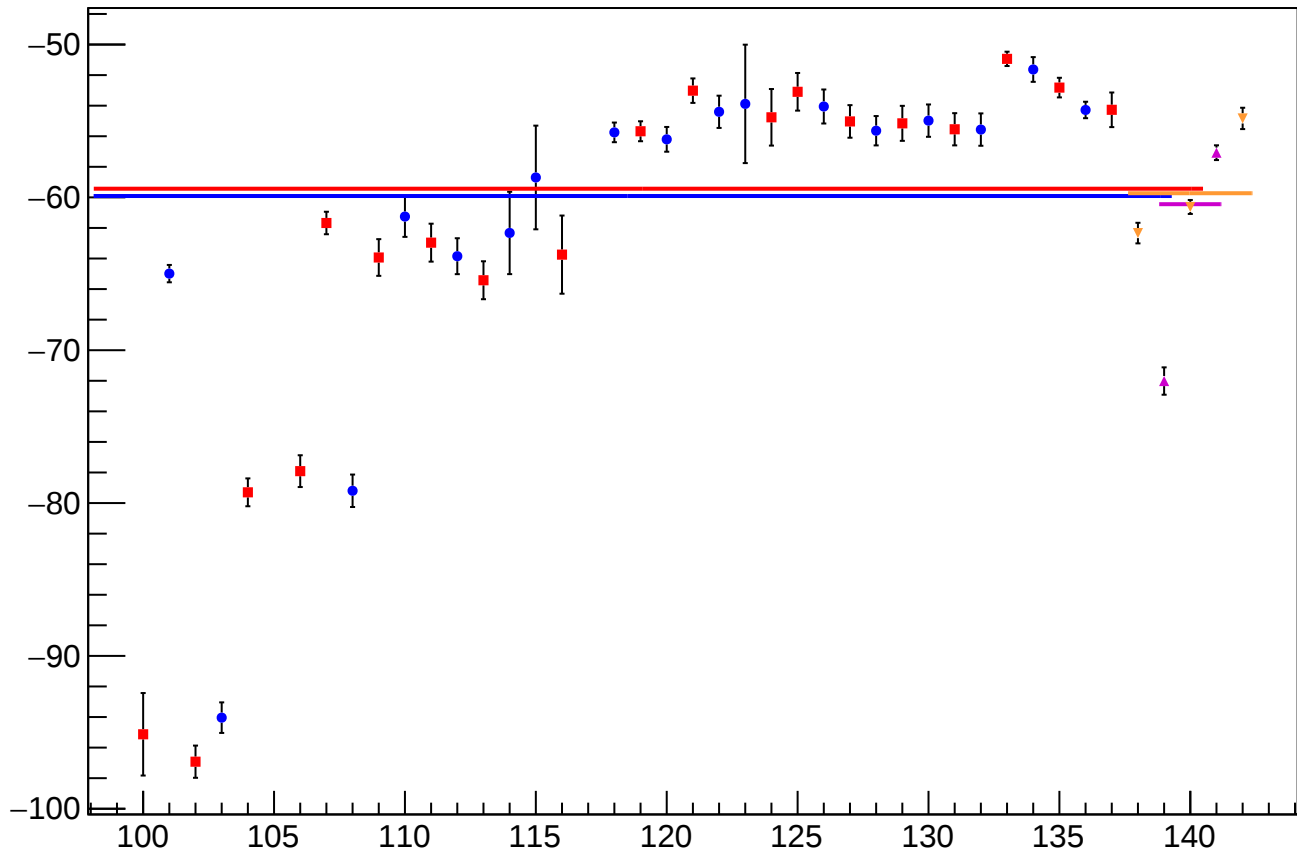
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.746+/-0.395 χ^2/NDF :0.4/1

Out: 1.020+/-0.383 χ^2/NDF :16.3/2

All: -0.320+/-0.275 χ^2/NDF : 42.0/4

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: -59.729 ± 0.333 χ^2/NDF : 68.0/2

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -60.446 ± 0.425 χ^2/NDF : 215.8/1

Left: -60.001 ± 0.262 χ^2/NDF : 285.6/4

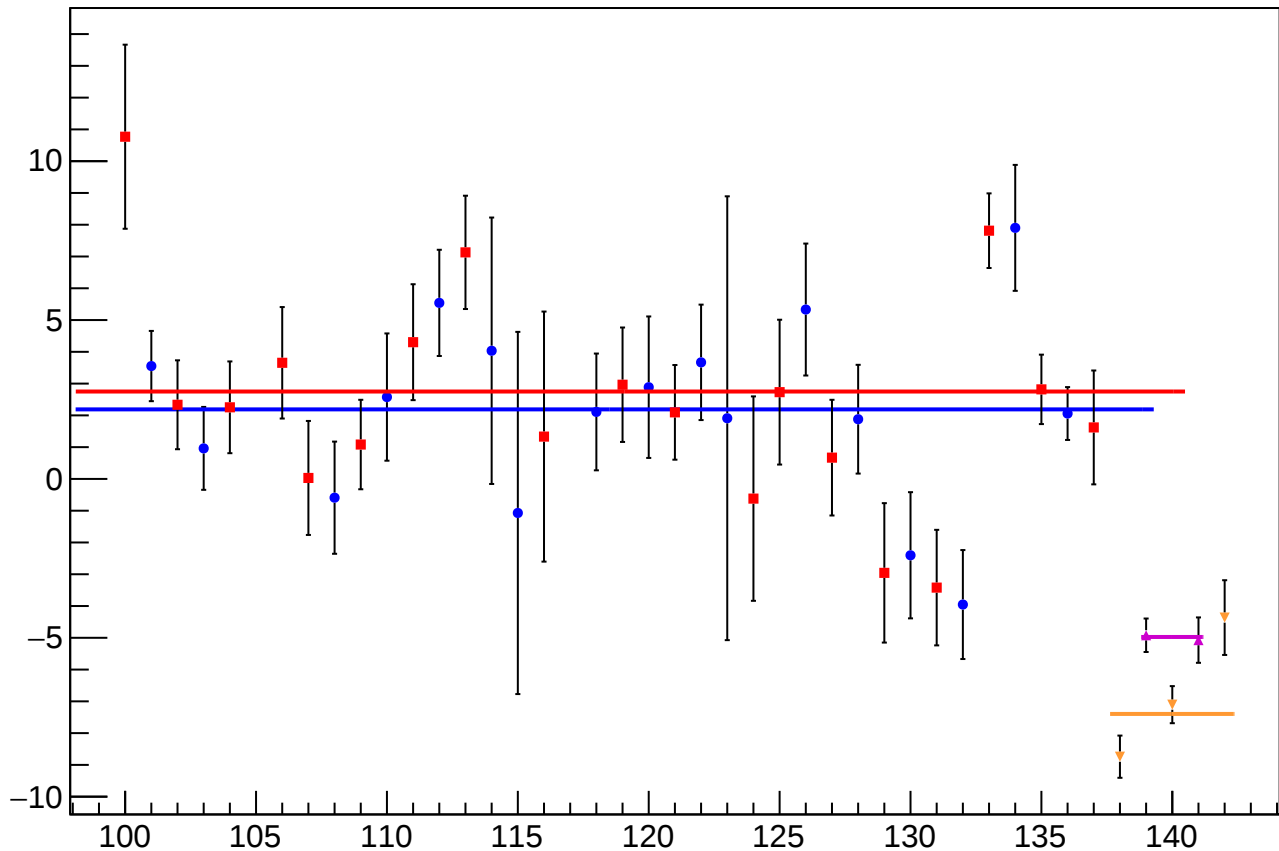
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -60.026 ± 0.198 χ^2/NDF : 2197.8/18

Out: -59.518 ± 0.179 χ^2/NDF : 2987.5/21

All: -59.746 ± 0.132 χ^2/NDF : 5189.0/40

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 χ^2/NDF : 39.1/16

Left Out: -7.396 ± 0.411 χ^2/NDF : 11.0/2

Right Out: 2.751 ± 0.387 χ^2/NDF : 58.6/18

Left In: -4.974 ± 0.424 χ^2/NDF : 0.0/1

Left: -6.223 ± 0.295 χ^2/NDF : 27.9/4

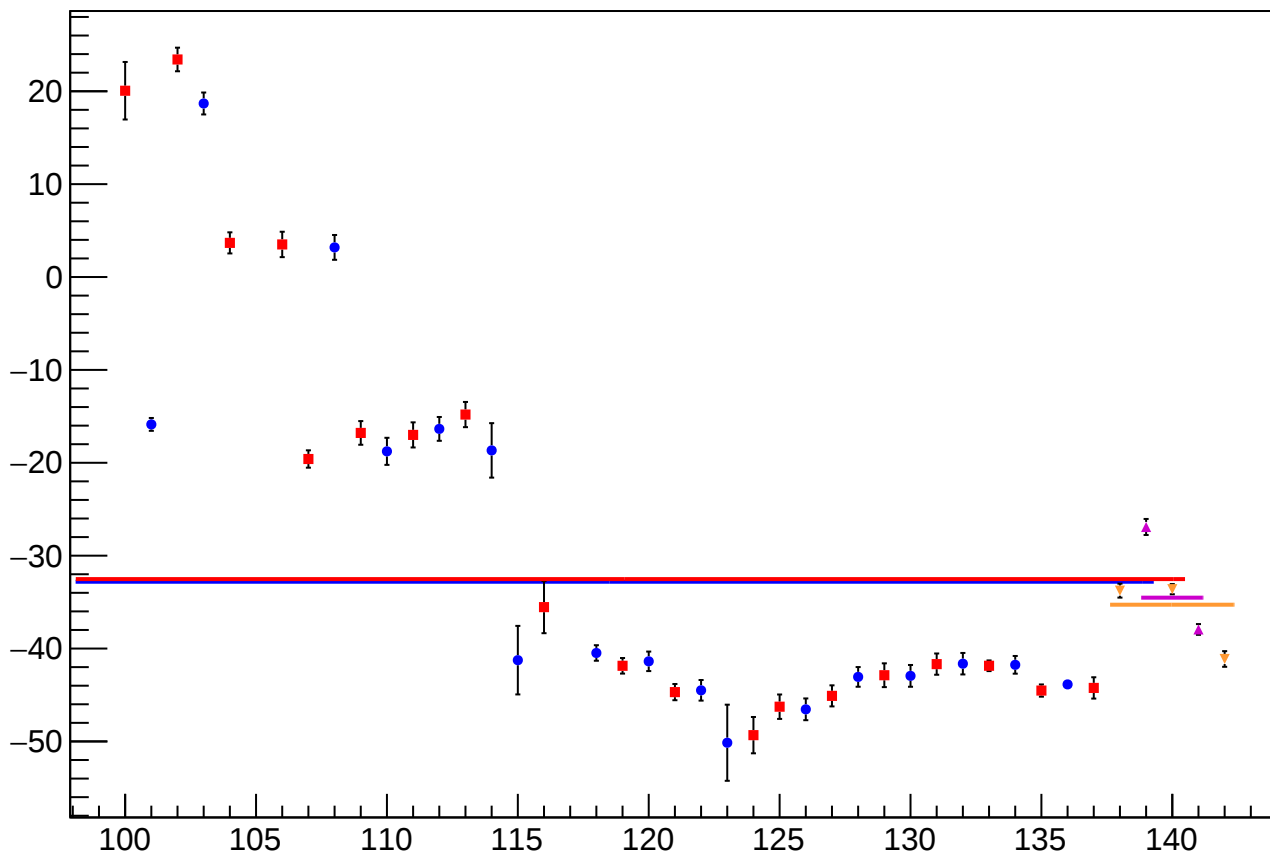
Right: 2.482 ± 0.280 χ^2/NDF : 98.7/35

In: -1.226 ± 0.293 χ^2/NDF : 188.5/18

Out: -2.025 ± 0.282 χ^2/NDF : 392.6/21

All: -1.641 ± 0.203 χ^2/NDF : 585.0/40

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: -35.280 ± 0.392 $\chi^2/\text{NDF}: 61.4/2$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -34.522 ± 0.481 $\chi^2/\text{NDF}: 112.7/1$

Left: -34.977 ± 0.304 $\chi^2/\text{NDF}: 175.7/4$

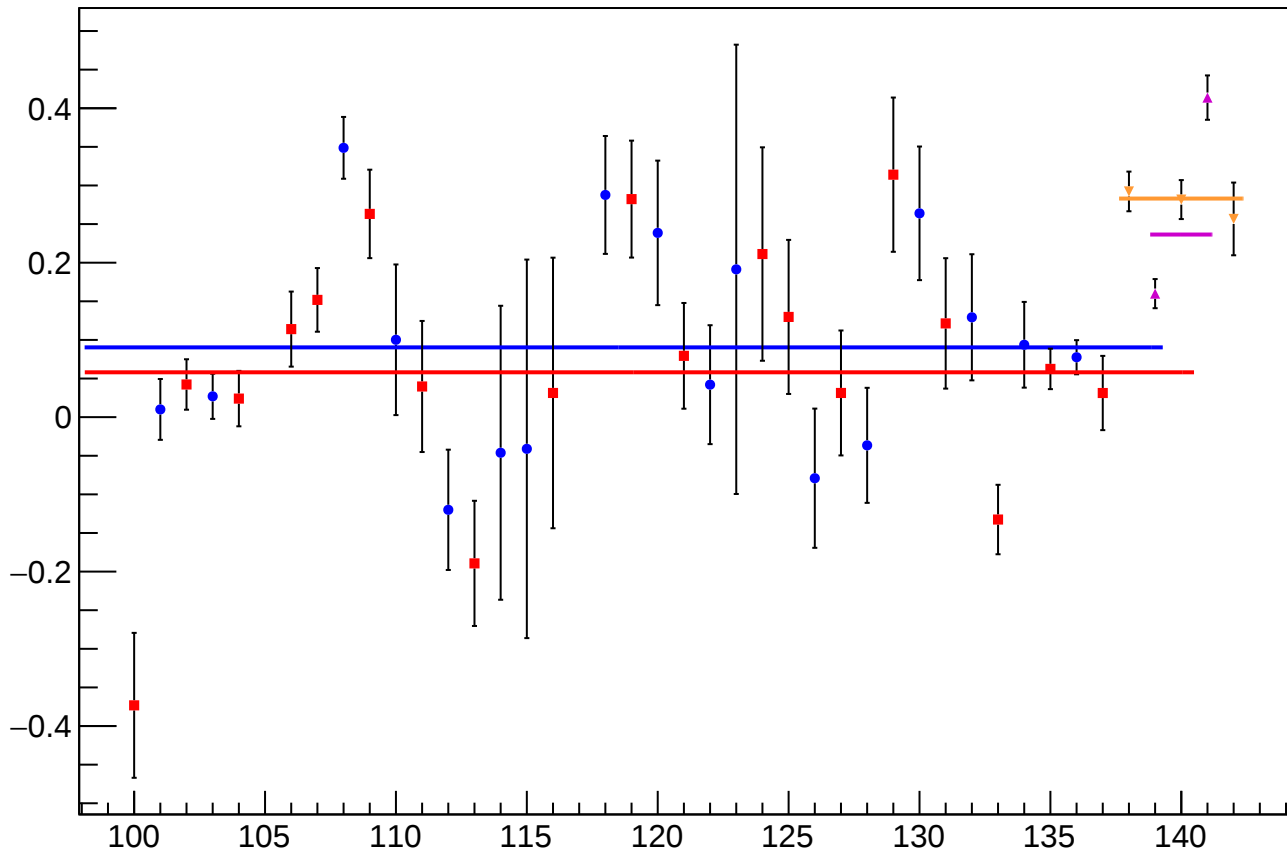
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -33.181 ± 0.225 $\chi^2/\text{NDF}: 4785.5/18$

Out: -33.290 ± 0.207 $\chi^2/\text{NDF}: 6137.3/21$

All: -33.240 ± 0.152 $\chi^2/\text{NDF}: 10922.9/40$

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: 0.283 $\pm$ 0.017 χ^2 /NDF:0.4/2

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.236 $\pm$ 0.016 χ^2 /NDF:54.5/1

Left: 0.258 $\pm$ 0.012 χ^2 /NDF: 59.1/4

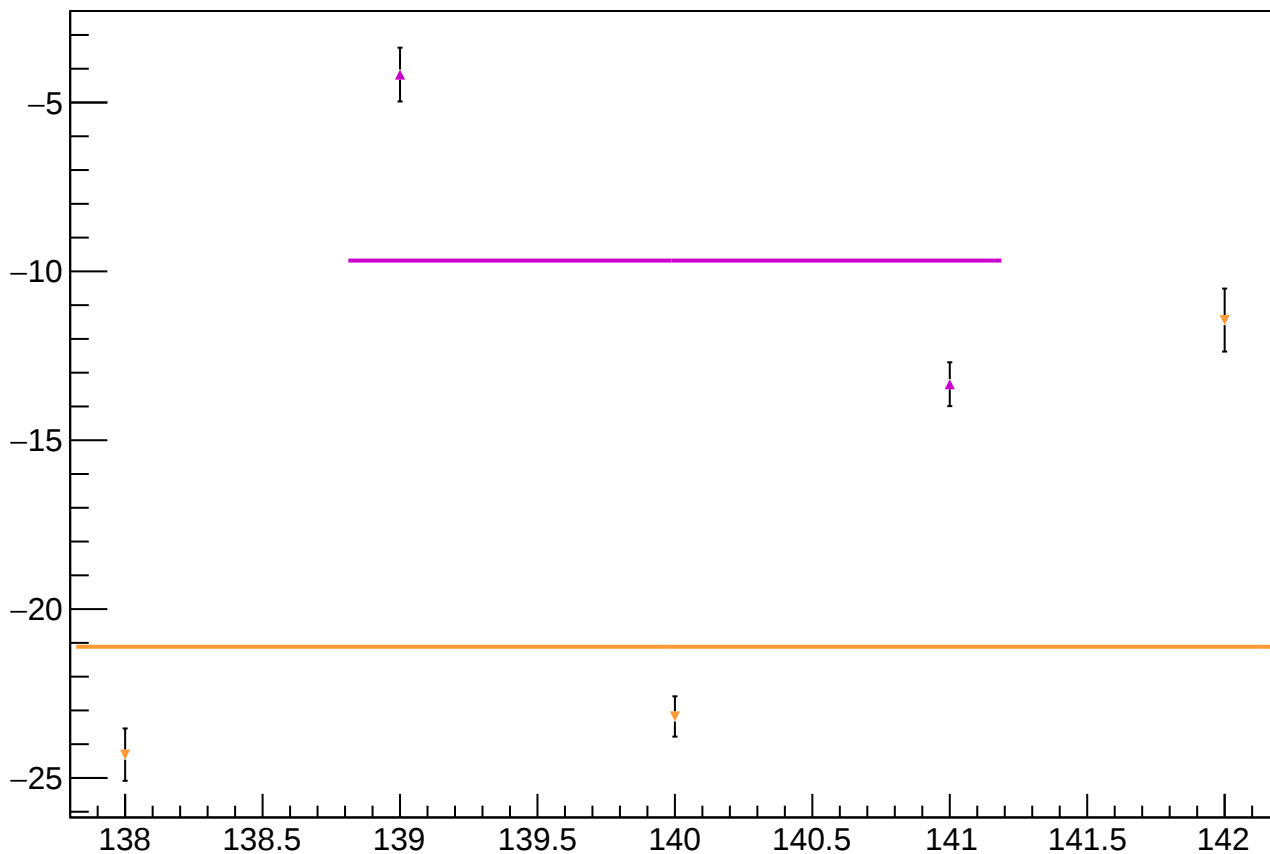
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.148 $\pm$ 0.010 χ^2 /NDF:185.9/18

Out: 0.135 $\pm$ 0.010 χ^2 /NDF:205.3/21

All: 0.142 $\pm$ 0.007 χ^2 /NDF: 392.0/40

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: -21.114+/-0.422 χ^2/NDF :136.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.680+/-0.503 χ^2/NDF :79.6/1

Left: -16.397+/-0.323 χ^2/NDF : 519.5/4

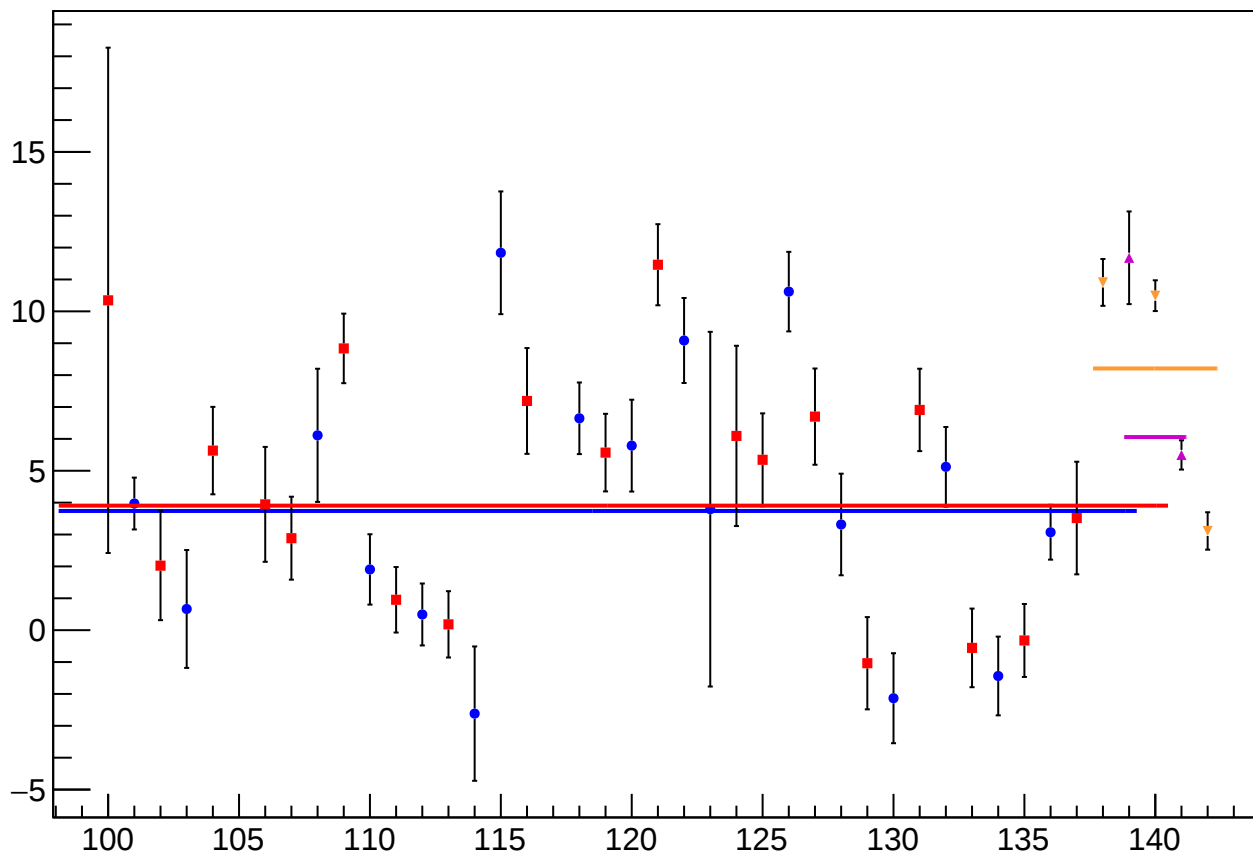
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.680+/-0.503 χ^2/NDF :79.6/1

Out: -21.114+/-0.422 χ^2/NDF :136.5/2

All: -16.397+/-0.323 χ^2/NDF : 519.5/4

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 8.208 ± 0.332 χ^2/NDF : 111.4/2

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 6.057 ± 0.438 χ^2/NDF : 16.5/1

Left: 7.422 ± 0.265 χ^2/NDF : 143.2/4

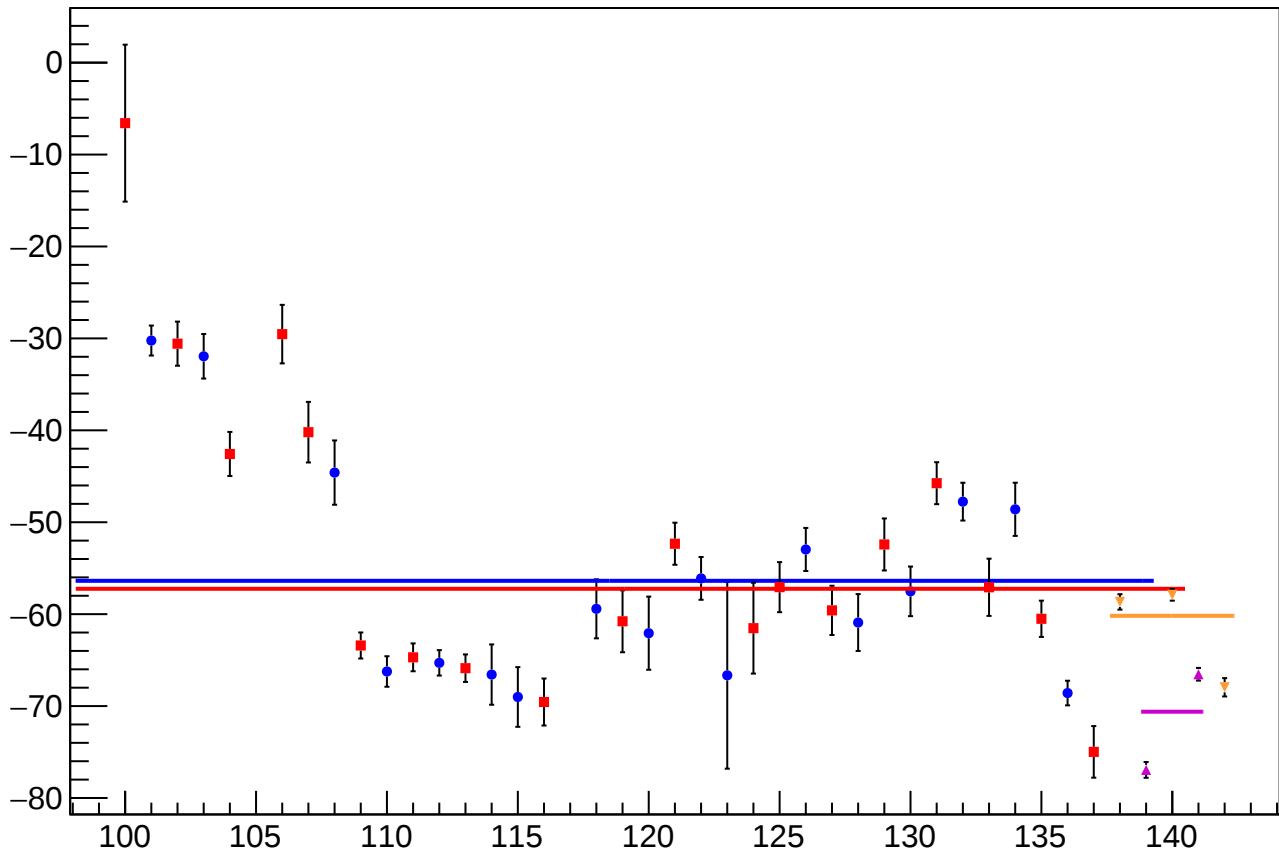
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 4.510 ± 0.252 χ^2/NDF : 172.1/18

Out: 5.949 ± 0.229 χ^2/NDF : 334.9/21

All: 5.300 ± 0.170 χ^2/NDF : 524.8/40

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 $\pm$ 0.543 χ^2 /NDF: 587.6/16

Left Out: -60.180 $\pm$ 0.452 χ^2 /NDF: 76.9/2

Right Out: -57.240 $\pm$ 0.536 χ^2 /NDF: 476.3/18

Left In: -70.612 $\pm$ 0.539 χ^2 /NDF: 88.9/1

Left: -64.489 $\pm$ 0.346 χ^2 /NDF: 386.0/4

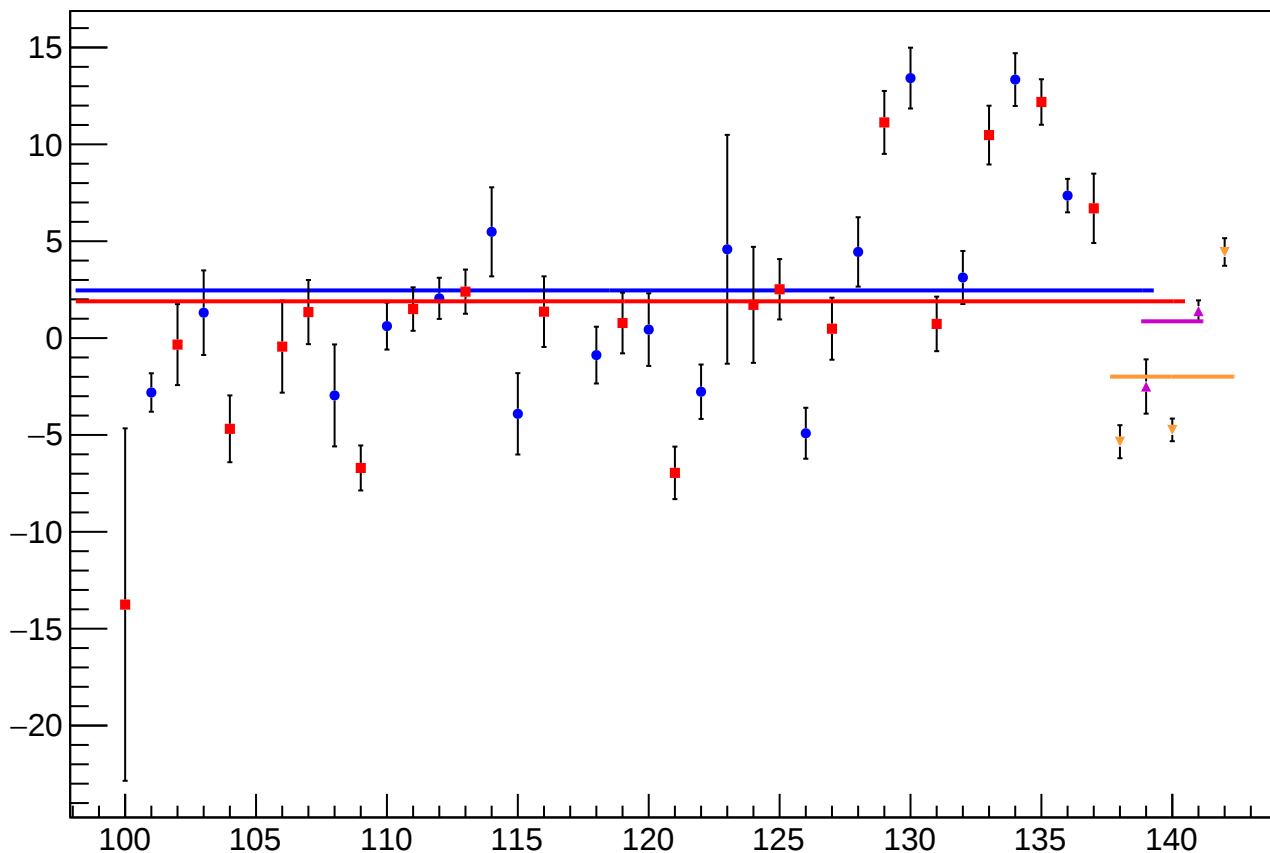
Right: -56.812 $\pm$ 0.381 χ^2 /NDF: 1065.2/35

In: -63.551 $\pm$ 0.382 χ^2 /NDF: 1023.2/18

Out: -58.959 $\pm$ 0.345 χ^2 /NDF: 570.8/21

All: -61.022 $\pm$ 0.256 χ^2 /NDF: 1673.4/40

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: -1.991 ± 0.399 χ^2/NDF : 119.2/2

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 0.865 ± 0.515 χ^2/NDF : 6.7/1

Left: -0.920 ± 0.316 χ^2/NDF : 145.0/4

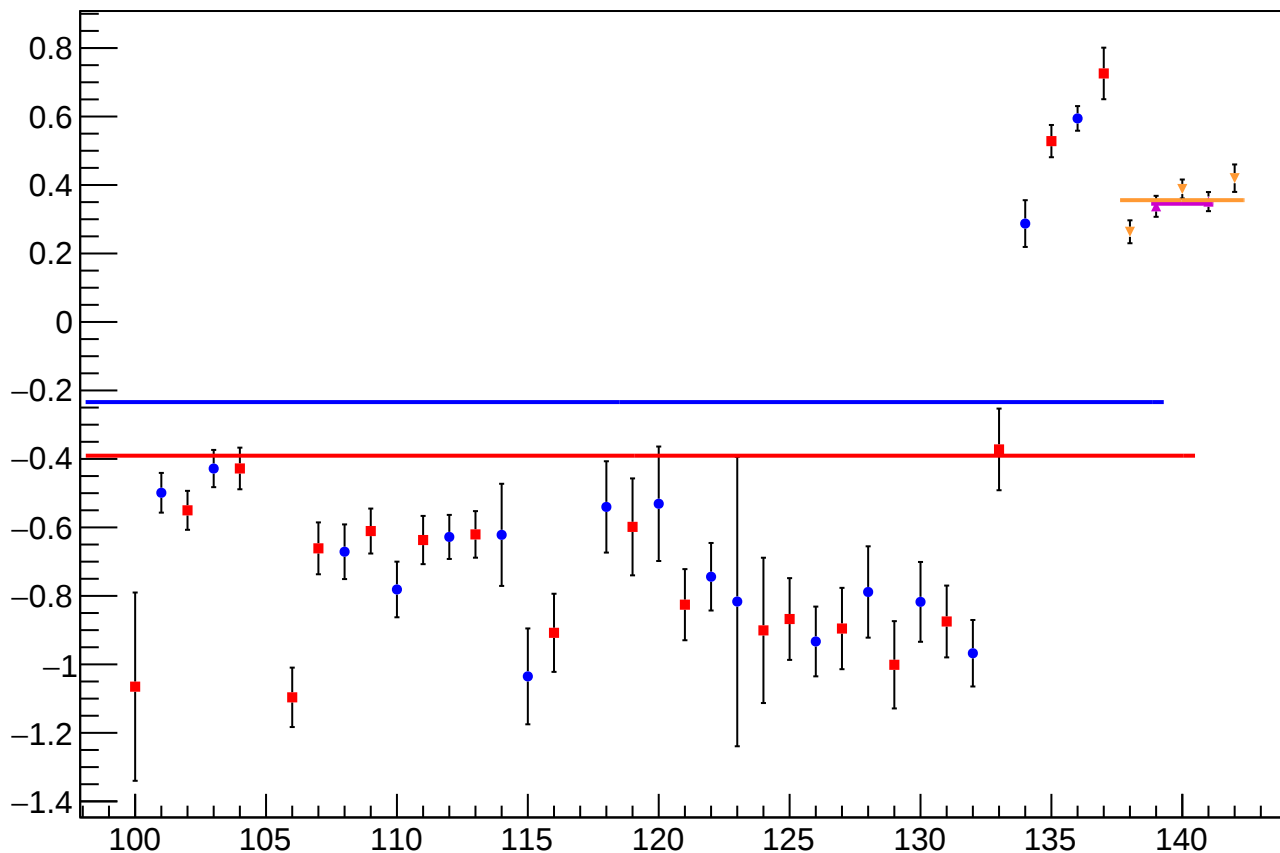
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 1.964 ± 0.287 χ^2/NDF : 257.2/18

Out: 0.182 ± 0.265 χ^2/NDF : 440.3/21

All: 1.002 ± 0.195 χ^2/NDF : 718.2/40

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: 0.356 ± 0.019 χ^2/NDF : 11.6/2

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.345 ± 0.021 χ^2/NDF : 0.1/1

Left: 0.351 ± 0.014 χ^2/NDF : 11.8/4

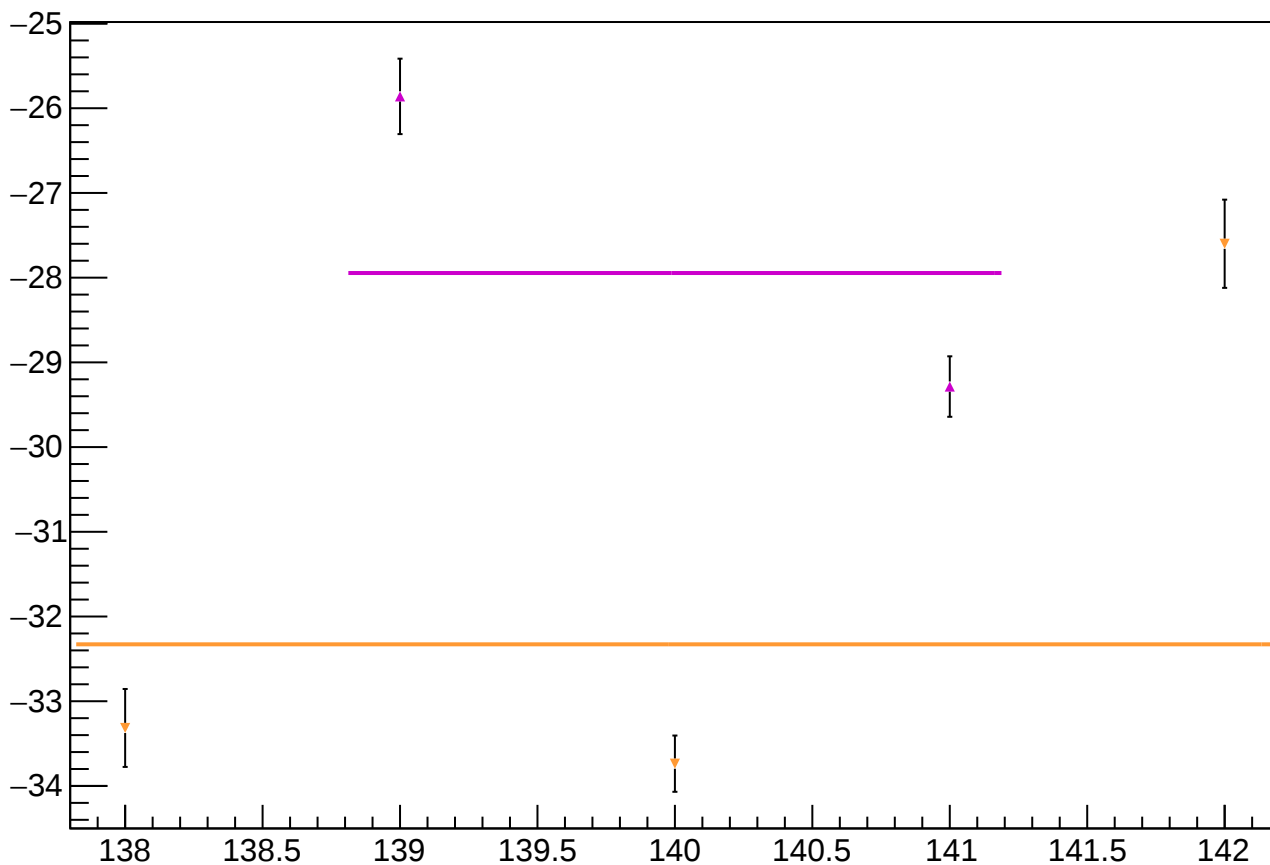
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.030 ± 0.014 χ^2/NDF : 1387.1/18

Out: -0.015 ± 0.013 χ^2/NDF : 1643.9/21

All: 0.007 ± 0.010 χ^2/NDF : 3036.5/40

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: -32.328+/-0.239 χ^2/NDF :105.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.945+/-0.278 χ^2/NDF :36.0/1

Left: -30.468+/-0.181 χ^2/NDF : 283.7/4

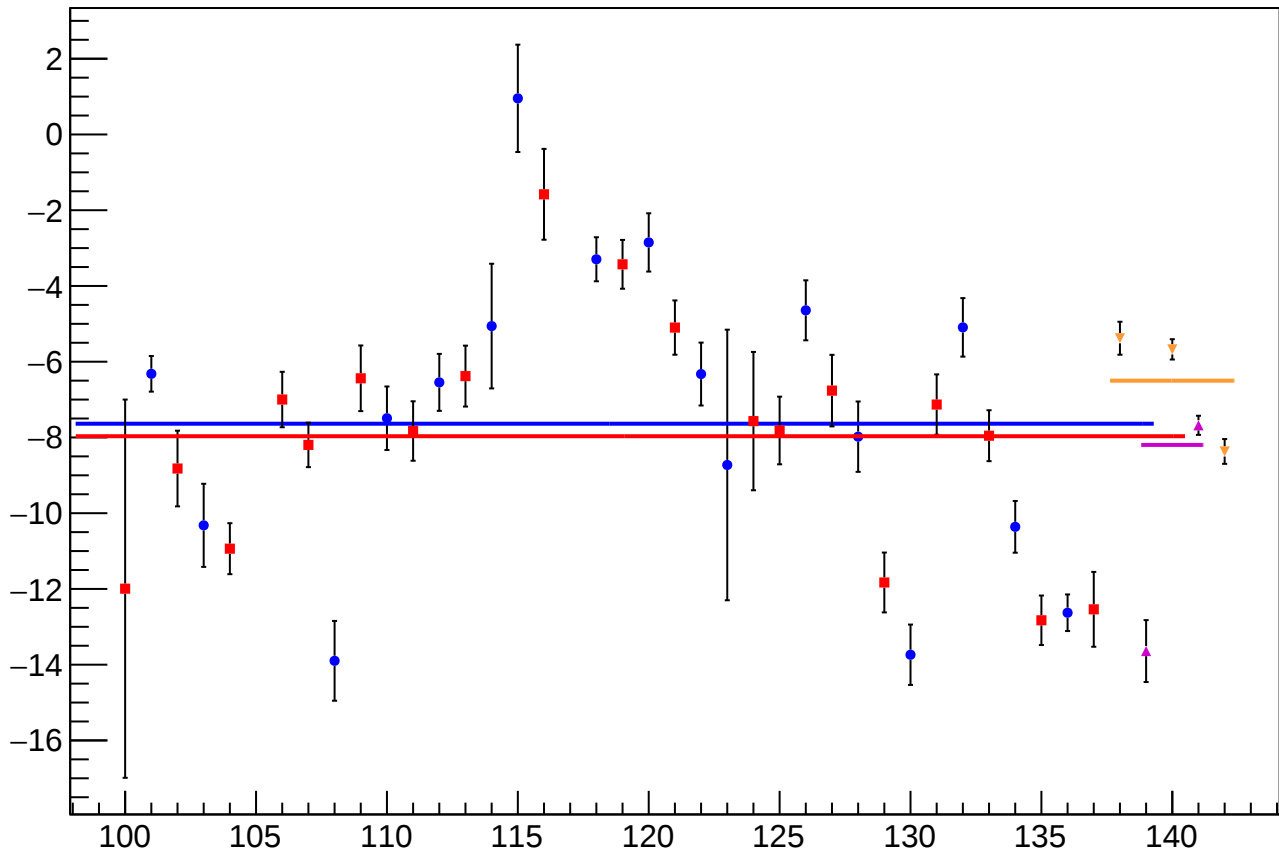
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.945+/-0.278 χ^2/NDF :36.0/1

Out: -32.328+/-0.239 χ^2/NDF :105.1/2

All: -30.468+/-0.181 χ^2/NDF : 283.7/4

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: -6.501 ± 0.187 χ^2/NDF : 48.7/2

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -8.198 ± 0.241 χ^2/NDF : 48.5/1

Left: -7.140 ± 0.148 χ^2/NDF : 128.1/4

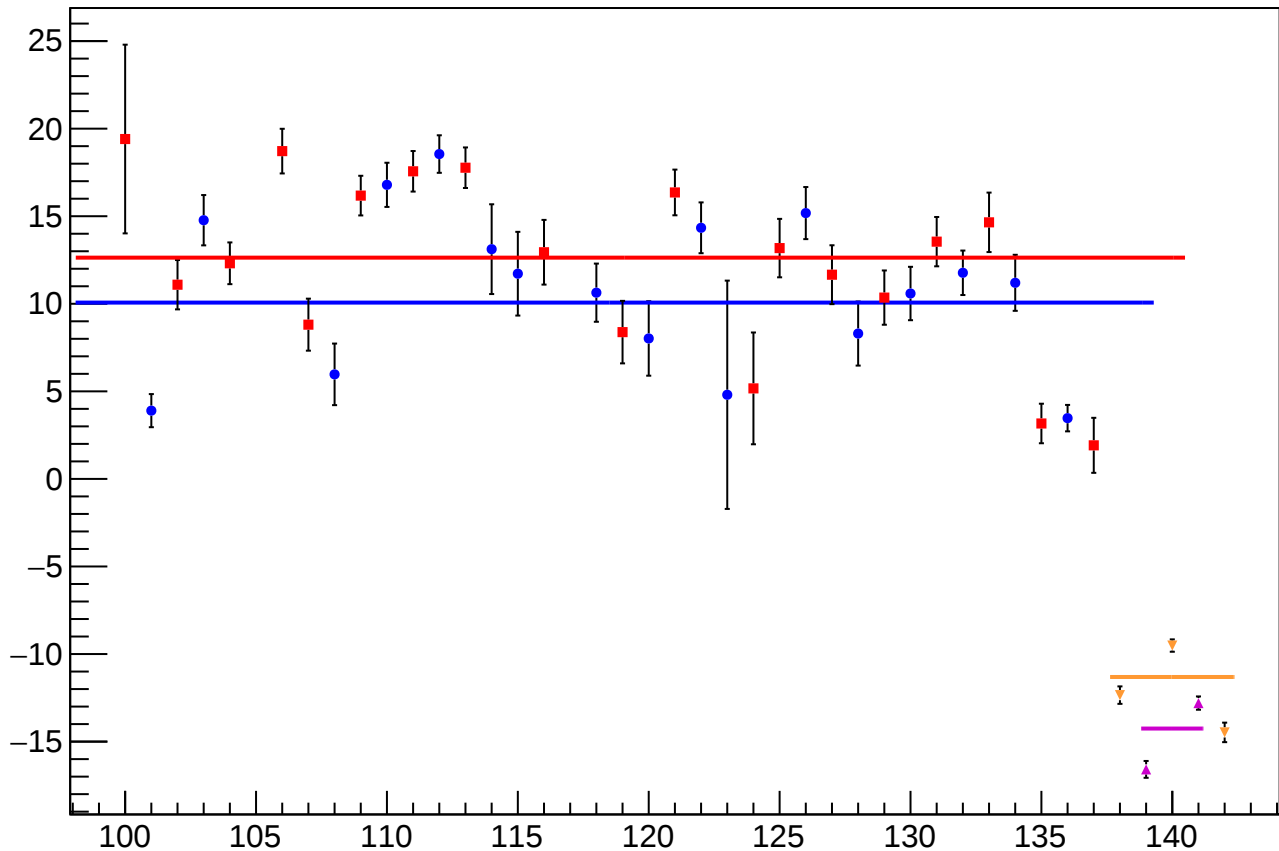
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.846 ± 0.147 χ^2/NDF : 445.9/18

Out: -7.241 ± 0.132 χ^2/NDF : 306.8/21

All: -7.510 ± 0.098 χ^2/NDF : 762.1/40

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -11.310 ± 0.256 χ^2/NDF : 62.3/2

Right Out: 12.635 ± 0.332 χ^2/NDF : 220.5/18

Left In: -14.255 ± 0.298 χ^2/NDF : 38.2/1

Left: -12.561 ± 0.194 χ^2/NDF : 156.7/4

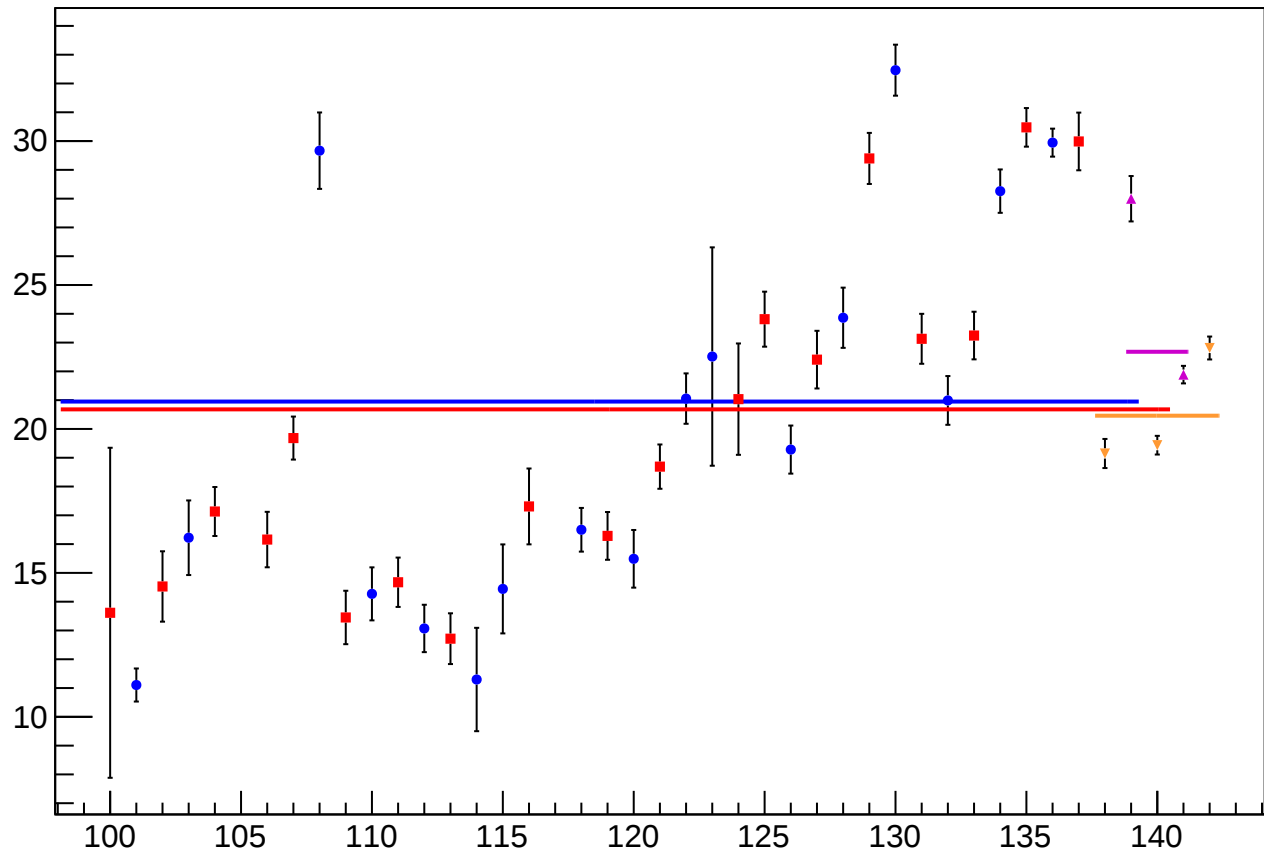
Right: 11.370 ± 0.237 χ^2/NDF : 503.5/35

In: -3.601 ± 0.223 χ^2/NDF : 3212.0/18

Out: -2.394 ± 0.203 χ^2/NDF : 3538.6/21

All: -2.940 ± 0.150 χ^2/NDF : 6766.6/40

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: 20.461 $\pm$ 0.225 χ^2 /NDF: 51.6/2

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.681 $\pm$ 0.284 χ^2 /NDF: 52.3/1

Left: 21.317 $\pm$ 0.177 χ^2 /NDF: 141.4/4

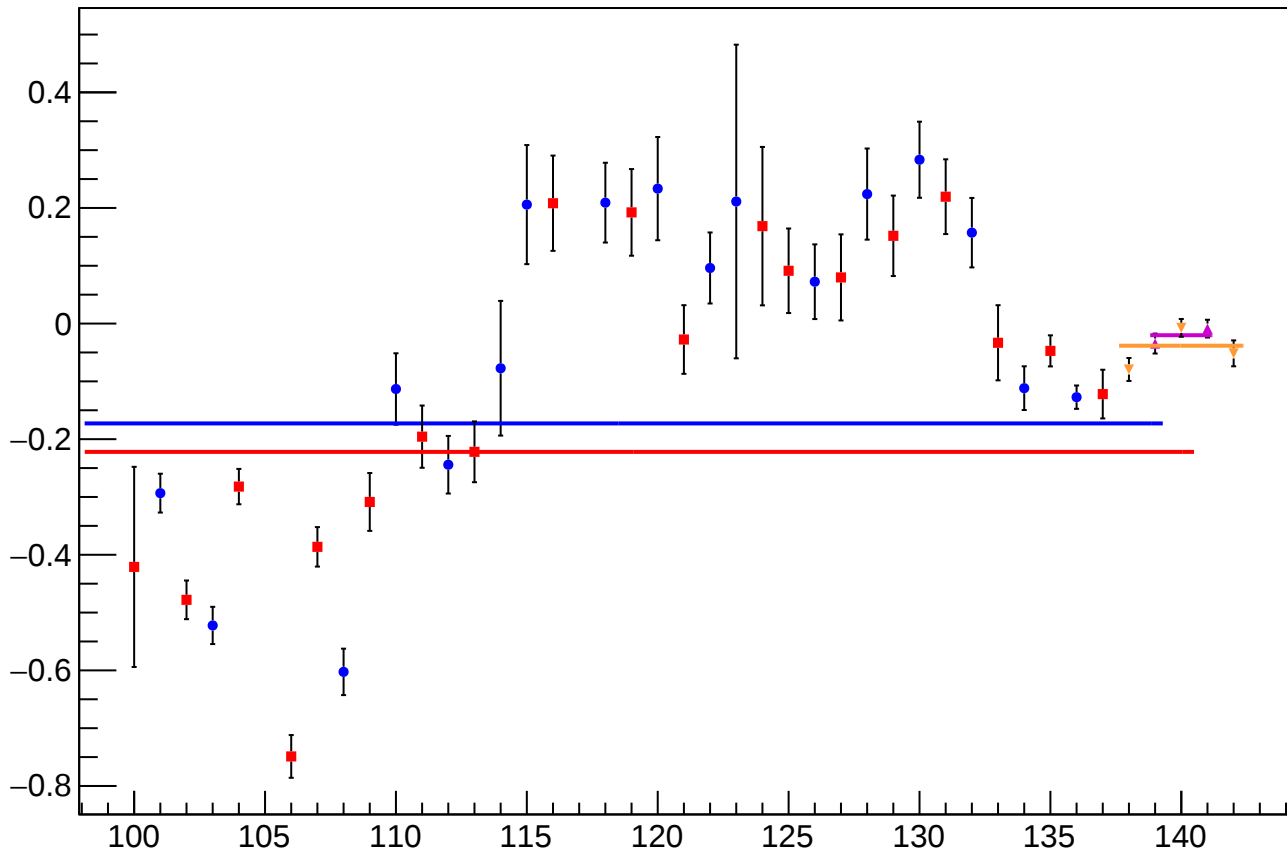
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.562 $\pm$ 0.169 χ^2 /NDF: 1299.0/18

Out: 20.577 $\pm$ 0.155 χ^2 /NDF: 780.6/21

All: 21.026 $\pm$ 0.114 χ^2 /NDF: 2098.1/40

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.038 ± 0.011 χ^2/NDF : 8.6/2

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.020 ± 0.011 χ^2/NDF : 1.3/1

Left: -0.030 ± 0.008 χ^2/NDF : 11.2/4

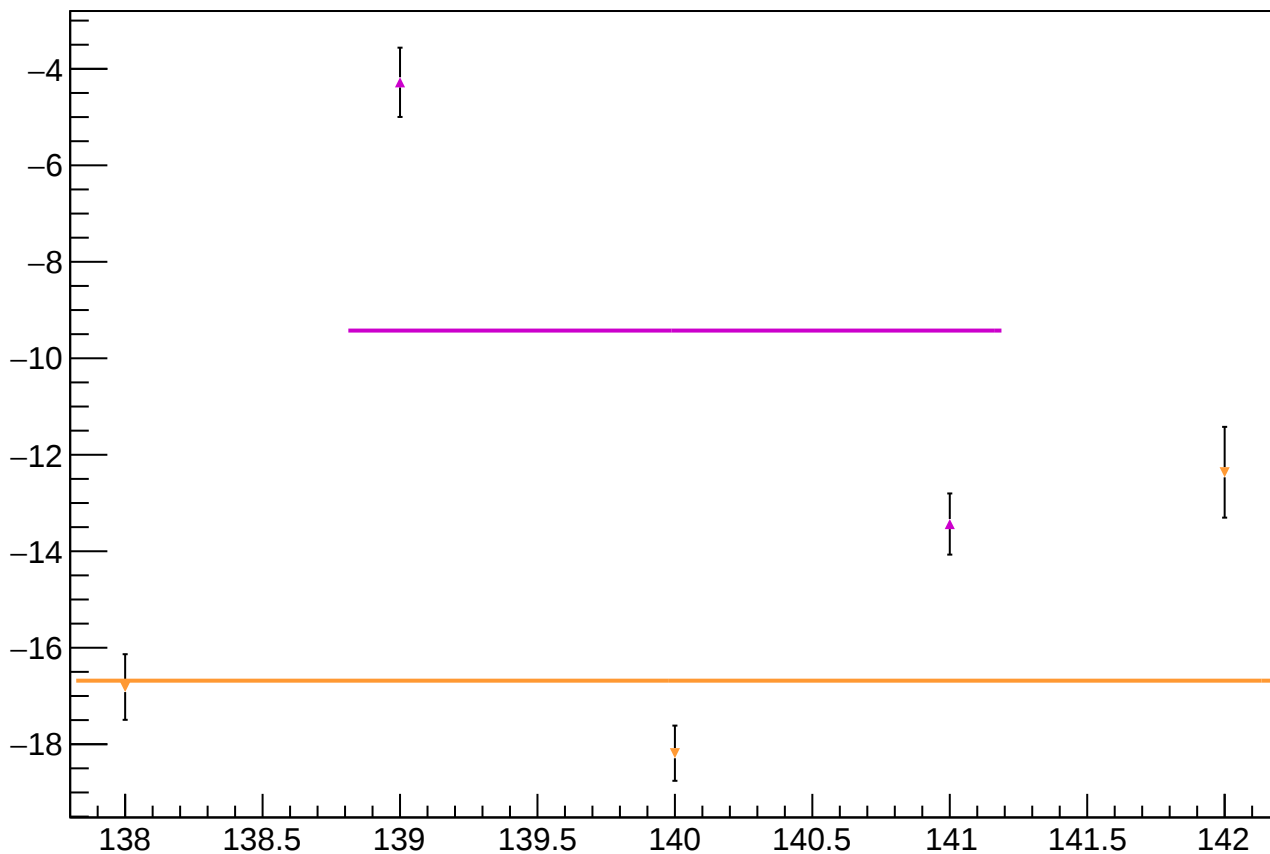
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.098 ± 0.008 χ^2/NDF : 552.3/18

Out: -0.128 ± 0.008 χ^2/NDF : 689.2/21

All: -0.114 ± 0.006 χ^2/NDF : 1248.8/40

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: -16.682+/-0.397 χ^2/NDF :28.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.425+/-0.475 χ^2/NDF :91.4/1

Left: -13.700+/-0.305 χ^2/NDF : 256.8/4

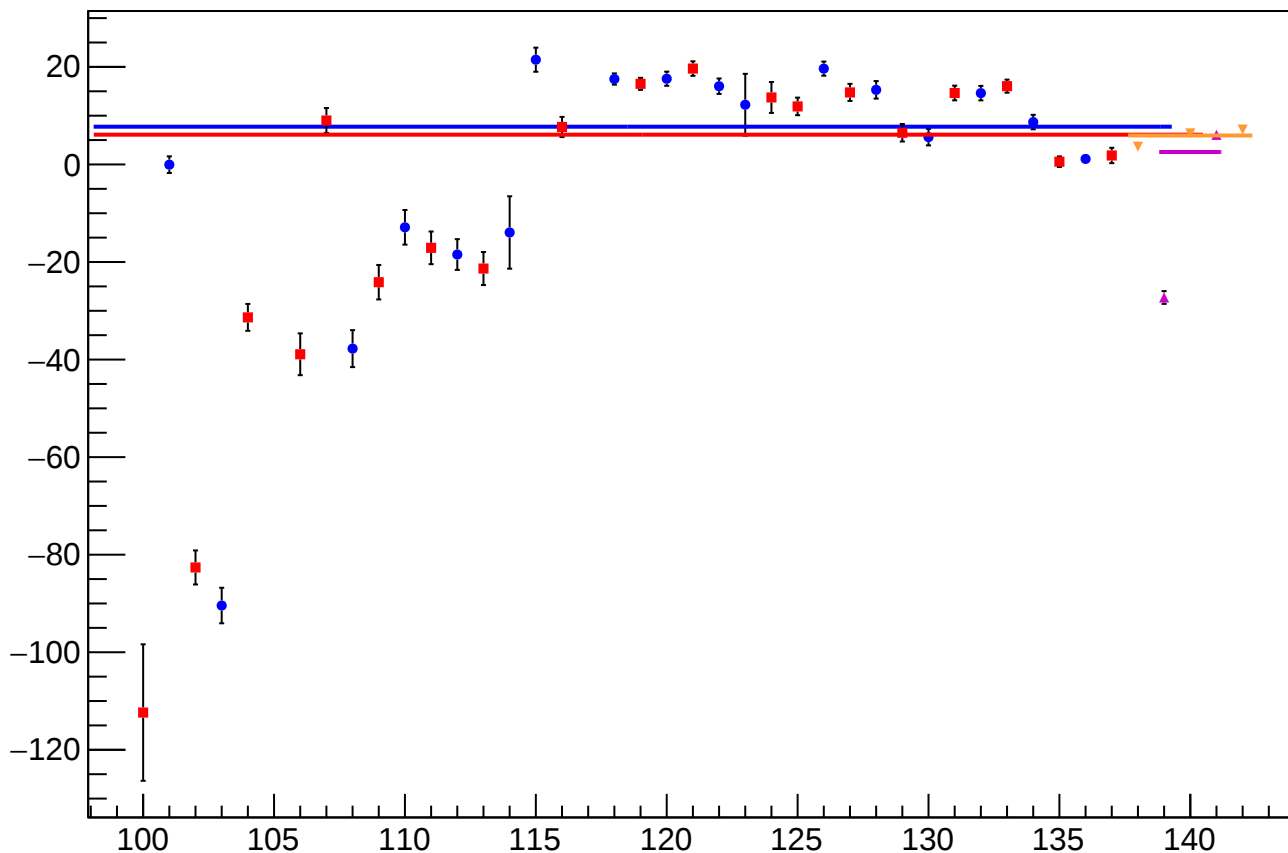
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.425+/-0.475 χ^2/NDF :91.4/1

Out: -16.682+/-0.397 χ^2/NDF :28.0/2

All: -13.700+/-0.305 χ^2/NDF : 256.8/4

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 5.943 ± 0.318 χ^2/NDF : 17.5/2

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 2.553 ± 0.425 χ^2/NDF : 582.0/1

Left: 4.723 ± 0.255 χ^2/NDF : 640.3/4

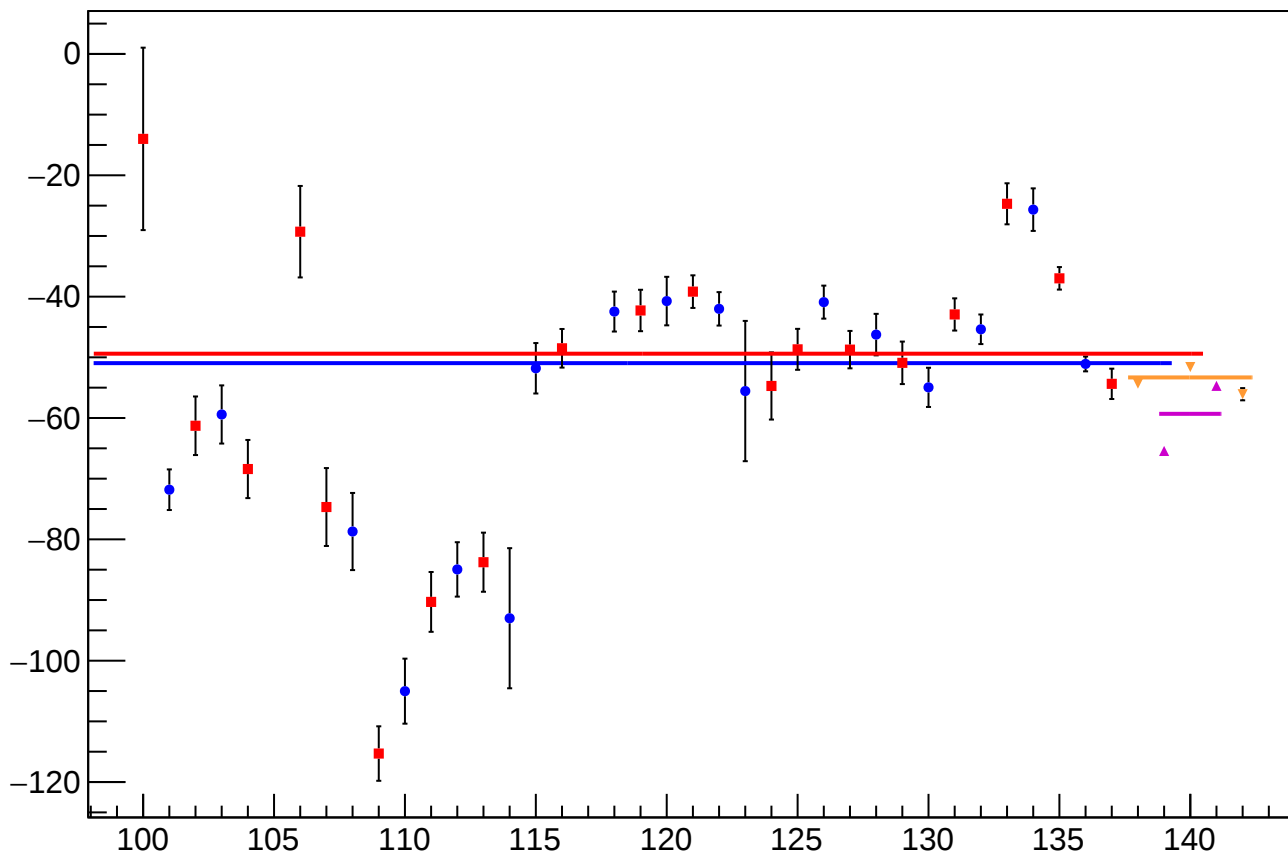
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.283 ± 0.292 χ^2/NDF : 2019.5/18

Out: 6.000 ± 0.257 χ^2/NDF : 1535.3/21

All: 5.688 ± 0.193 χ^2/NDF : 3558.2/40

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: -53.314 ± 0.426 χ^2/NDF : 17.4/2

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -59.313 ± 0.509 χ^2/NDF : 108.8/1

Left: -55.782 ± 0.326 χ^2/NDF : 208.0/4

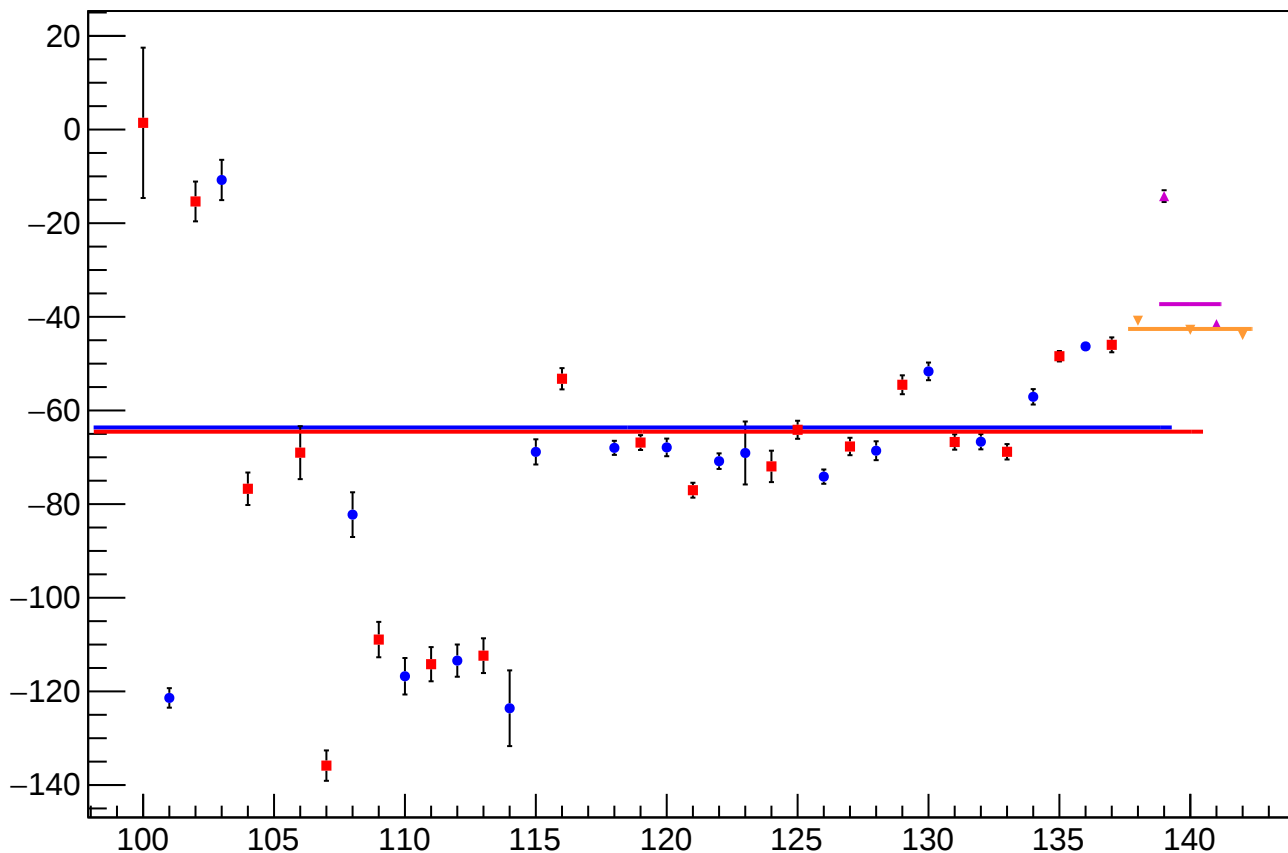
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -56.622 ± 0.419 χ^2/NDF : 527.5/18

Out: -52.446 ± 0.375 χ^2/NDF : 548.1/21

All: -54.305 ± 0.280 χ^2/NDF : 1130.7/40

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: -42.586 ± 0.382 χ^2/NDF : 8.8/2

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -37.288 ± 0.498 χ^2/NDF : 397.6/1

Left: -40.625 ± 0.303 χ^2/NDF : 477.7/4

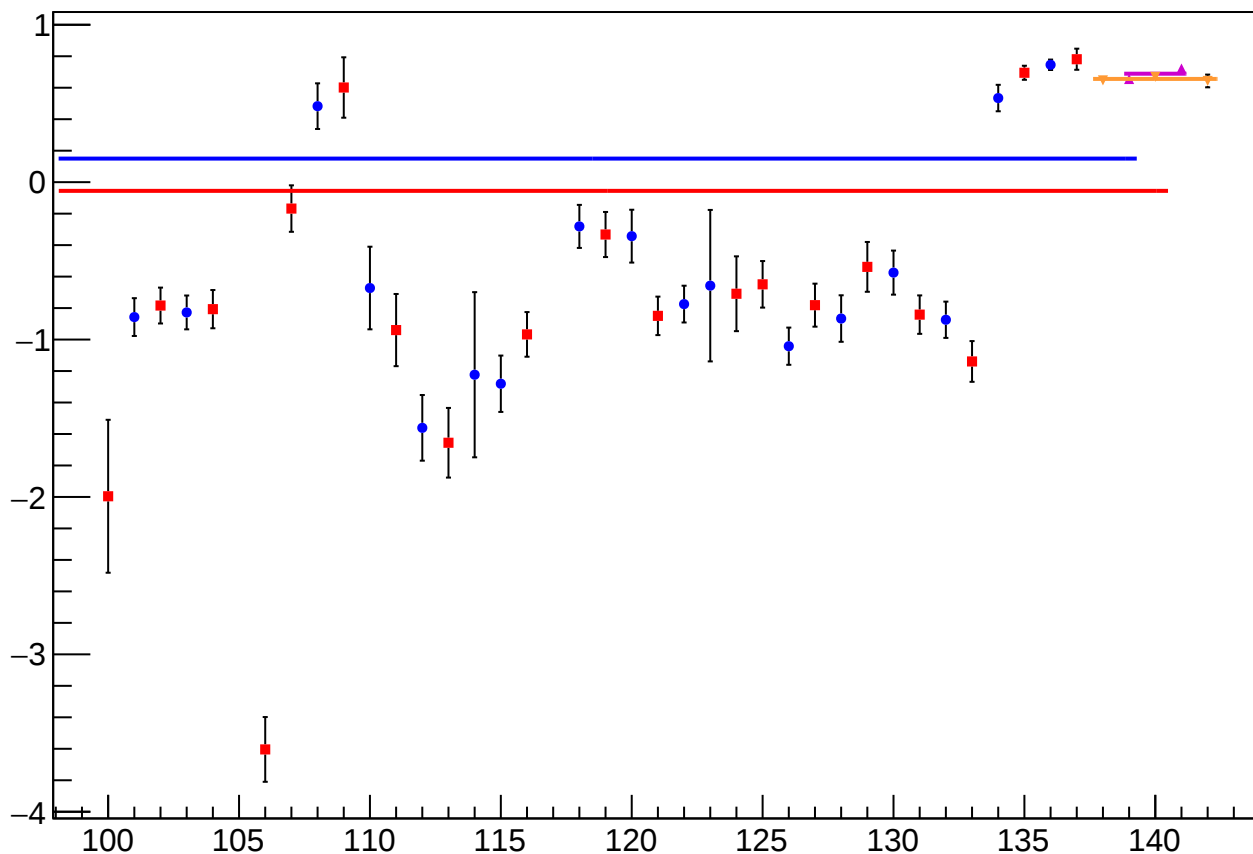
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -51.908 ± 0.332 χ^2/NDF : 3962.4/18

Out: -51.046 ± 0.299 χ^2/NDF : 2893.9/21

All: -51.432 ± 0.222 χ^2/NDF : 6860.1/40

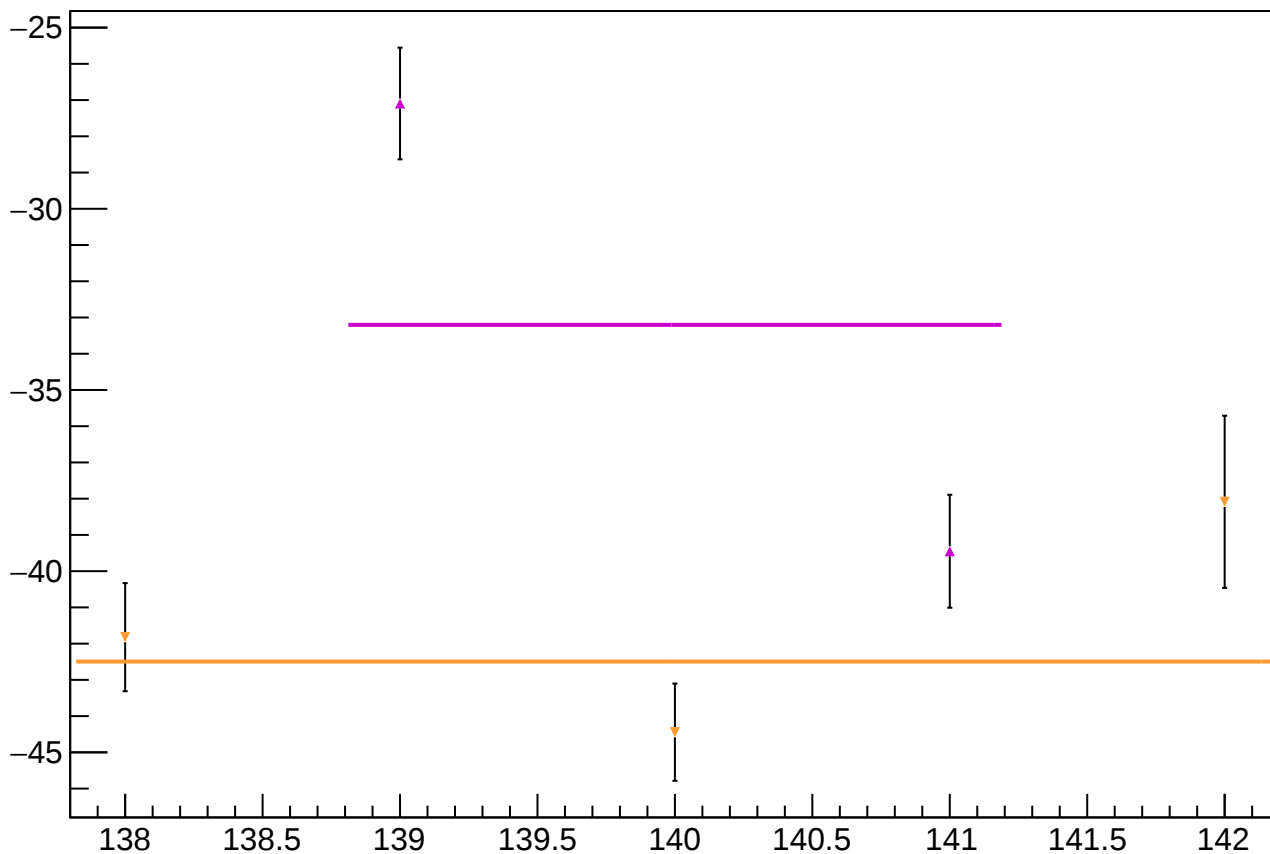
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.656 ± 0.018 χ^2/NDF : 0.4/2
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.689 ± 0.019 χ^2/NDF : 3.0/1

Left: 0.671 ± 0.013 χ^2/NDF : 5.0/4
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.476 ± 0.015 χ^2/NDF : 1298.0/18
 Out: 0.433 ± 0.015 χ^2/NDF : 1676.2/21
 All: 0.454 ± 0.011 χ^2/NDF : 2978.4/40

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: -42.494+/-0.920 χ^2/NDF : 5.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.203+/-1.096 χ^2/NDF : 31.8/1

Left: -38.654+/-0.705 χ^2/NDF : 79.7/4

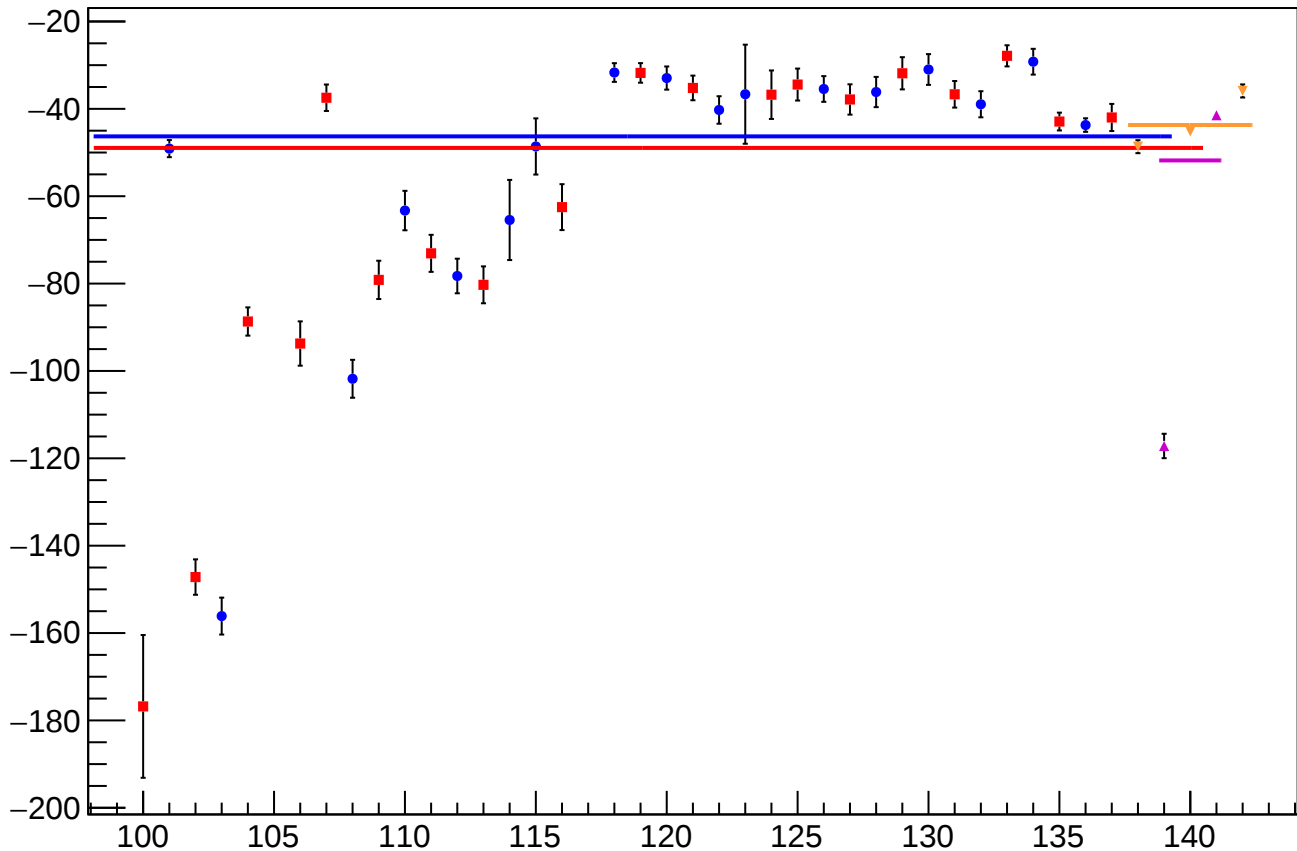
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.203+/-1.096 χ^2/NDF : 31.8/1

Out: -42.494+/-0.920 χ^2/NDF : 5.8/2

All: -38.654+/-0.705 χ^2/NDF : 79.7/4

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: -43.702 ± 0.761 $\chi^2/\text{NDF}: 40.0/2$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -51.806 ± 1.032 $\chi^2/\text{NDF}: 634.8/1$

Left: -46.559 ± 0.613 $\chi^2/\text{NDF}: 714.8/4$

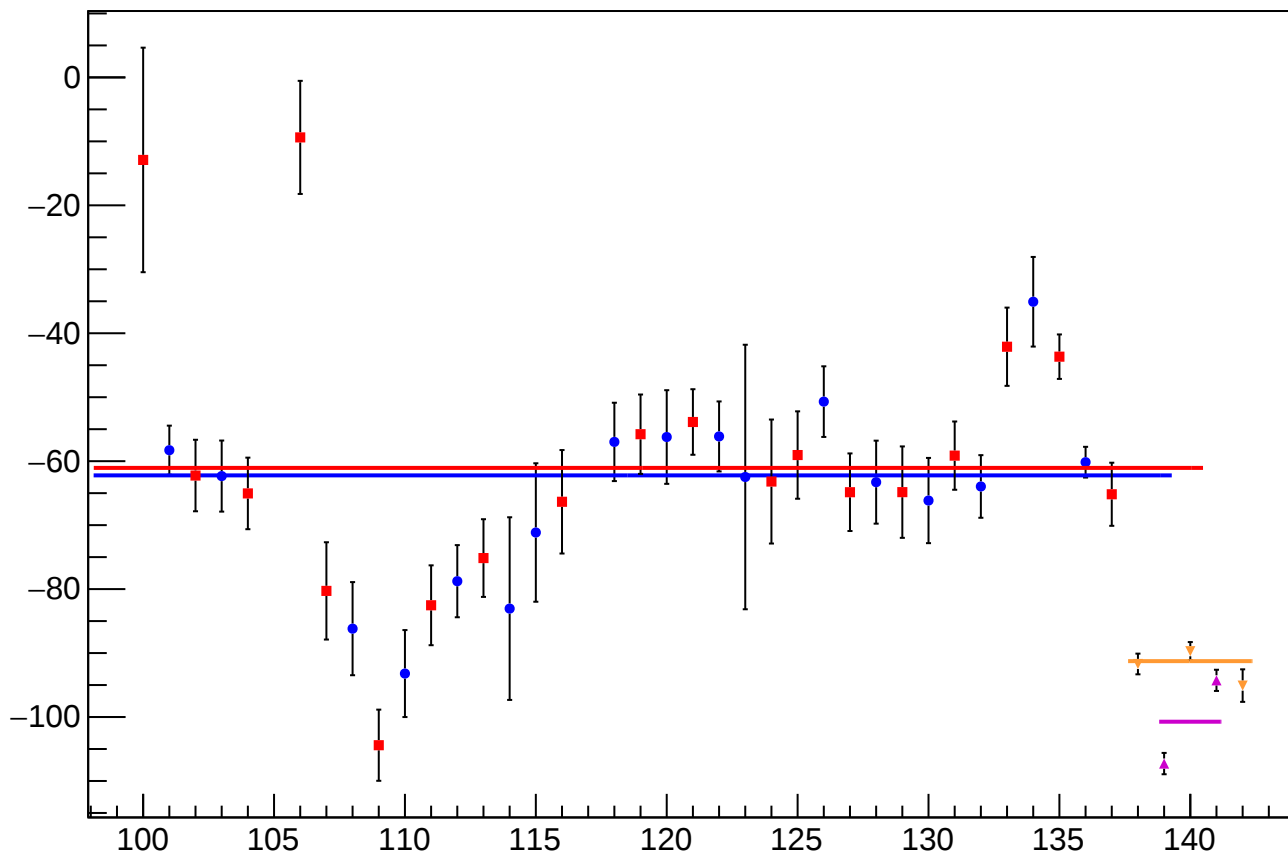
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -48.116 ± 0.592 $\chi^2/\text{NDF}: 1737.9/18$

Out: -46.319 ± 0.539 $\chi^2/\text{NDF}: 1337.2/21$

All: -47.133 ± 0.399 $\chi^2/\text{NDF}: 3080.2/40$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -91.263 ± 0.987 $\chi^2/\text{NDF}: 3.5/2$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

Left In: -100.733 ± 1.176 $\chi^2/\text{NDF}: 30.6/1$

Left: -95.179 ± 0.756 $\chi^2/\text{NDF}: 72.2/4$

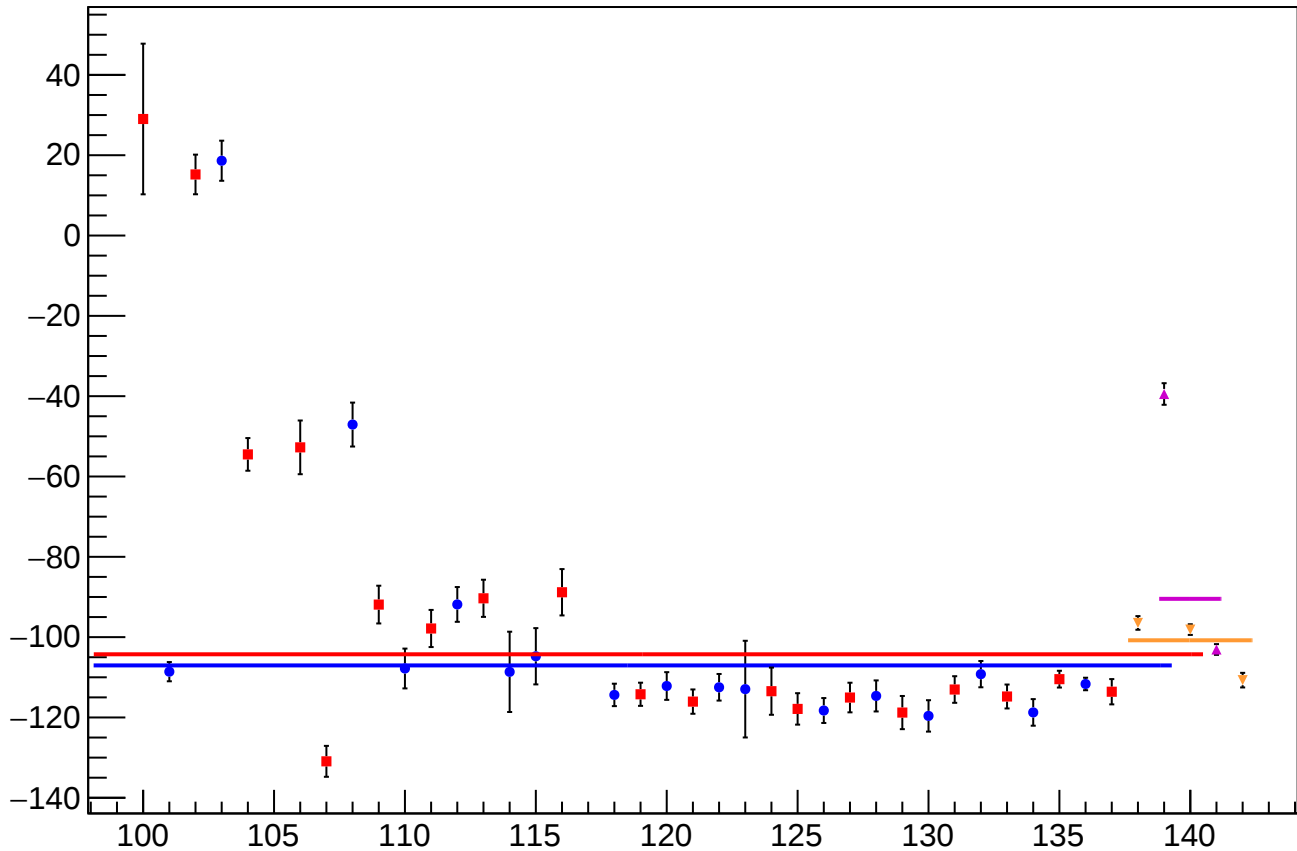
Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$

In: -83.578 ± 0.875 $\chi^2/\text{NDF}: 576.0/18$

Out: -81.025 ± 0.802 $\chi^2/\text{NDF}: 487.0/21$

All: -82.191 ± 0.592 $\chi^2/\text{NDF}: 1067.7/40$

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: -100.784 ± 0.907 χ^2/NDF : 40.2/2

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -90.462 ± 1.197 χ^2/NDF : 448.8/1

Left: -97.018 ± 0.723 χ^2/NDF : 536.2/4

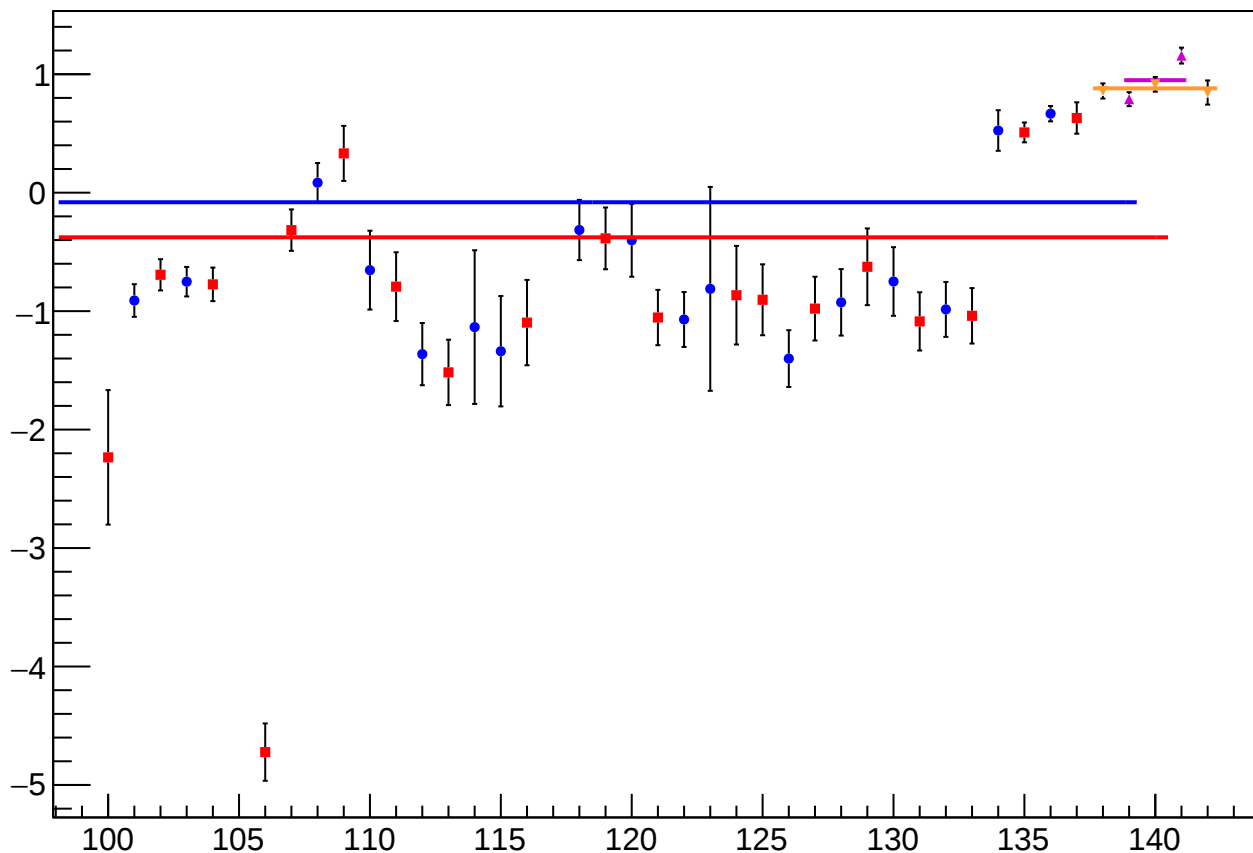
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -101.815 ± 0.672 χ^2/NDF : 1407.9/18

Out: -102.620 ± 0.624 χ^2/NDF : 1066.1/21

All: -102.247 ± 0.457 χ^2/NDF : 2474.7/40

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: 0.881±/0.041 χ^2/NDF : 0.5/2

Right Out: -0.377±/0.044 χ^2/NDF : 583.6/18

Left In: 0.950±/0.044 χ^2/NDF : 17.0/1

Left: 0.912±/0.030 χ^2/NDF : 18.9/4

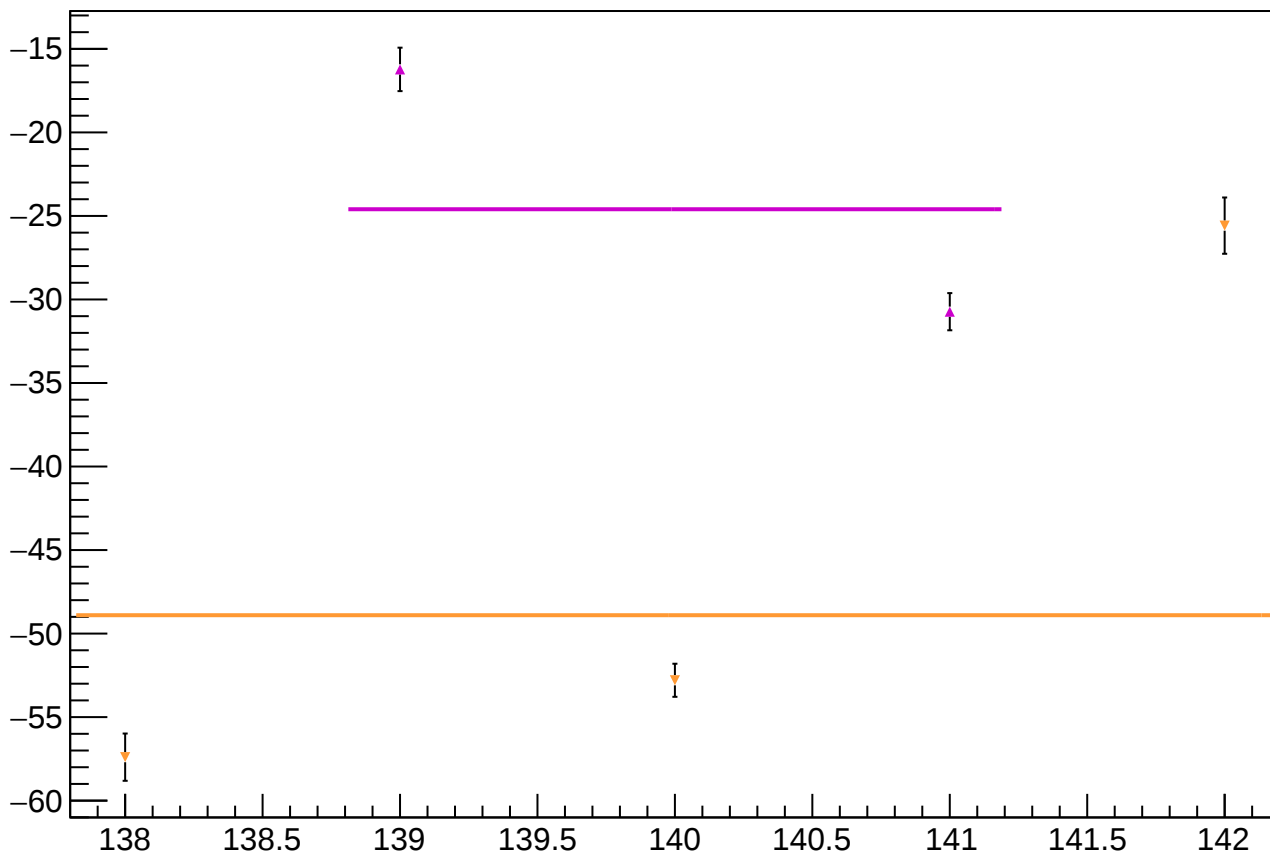
Right: -0.223±/0.030 χ^2/NDF : 936.1/35

In: 0.410±/0.031 χ^2/NDF : 630.1/18

Out: 0.297±/0.030 χ^2/NDF : 1024.1/21

All: 0.352±/0.021 χ^2/NDF : 1661.2/40

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: -48.901+/-0.731 χ^2/NDF :243.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.599+/-0.845 χ^2/NDF :71.8/1

Left: -38.506+/-0.553 χ^2/NDF : 787.9/4

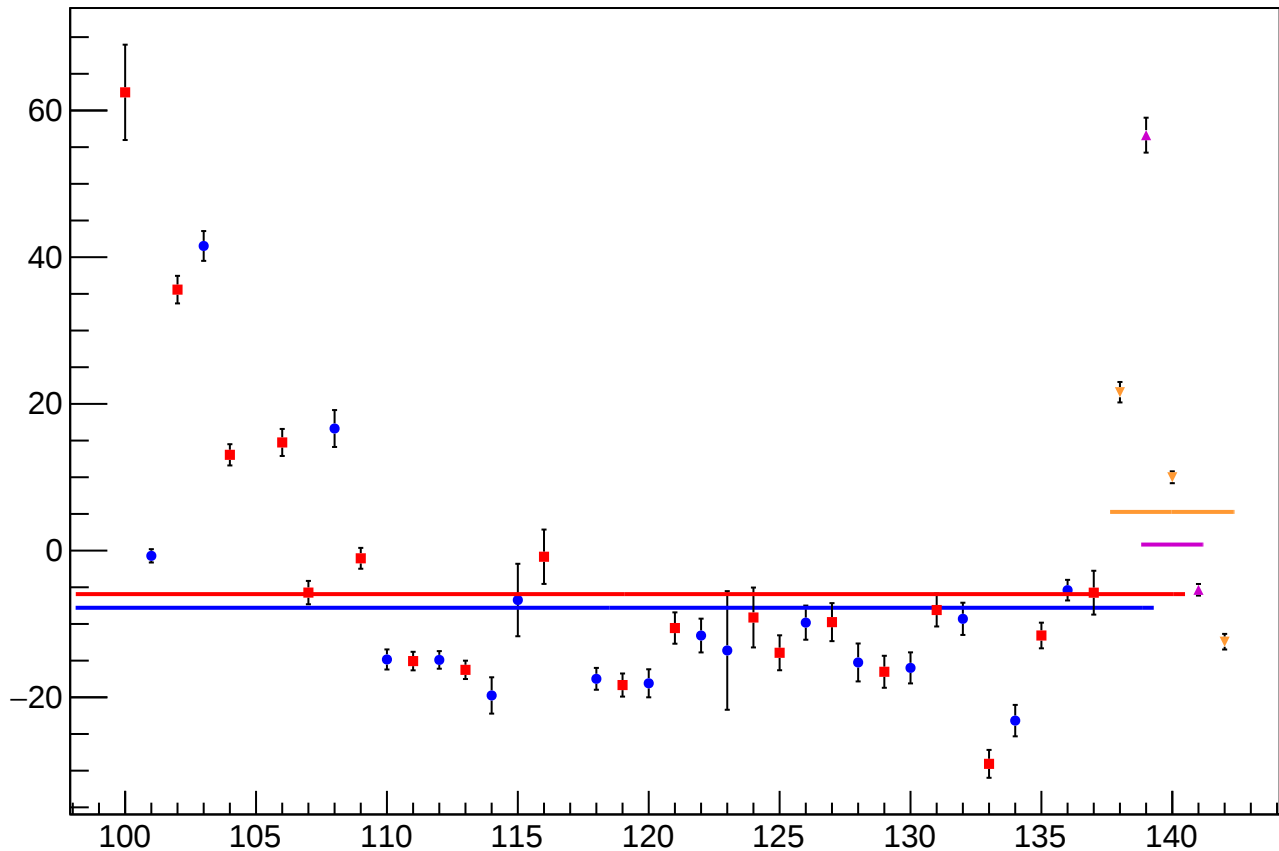
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.599+/-0.845 χ^2/NDF :71.8/1

Out: -48.901+/-0.731 χ^2/NDF :243.2/2

All: -38.506+/-0.553 χ^2/NDF : 787.9/4

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: 5.275 ± 0.584 $\chi^2/\text{NDF}: 447.6/2$

Right Out: -5.932 ± 0.429 $\chi^2/\text{NDF}: 1294.2/18$

Left In: 0.824 ± 0.751 $\chi^2/\text{NDF}: 610.4/1$

Left: 3.596 ± 0.461 $\chi^2/\text{NDF}: 1079.9/4$

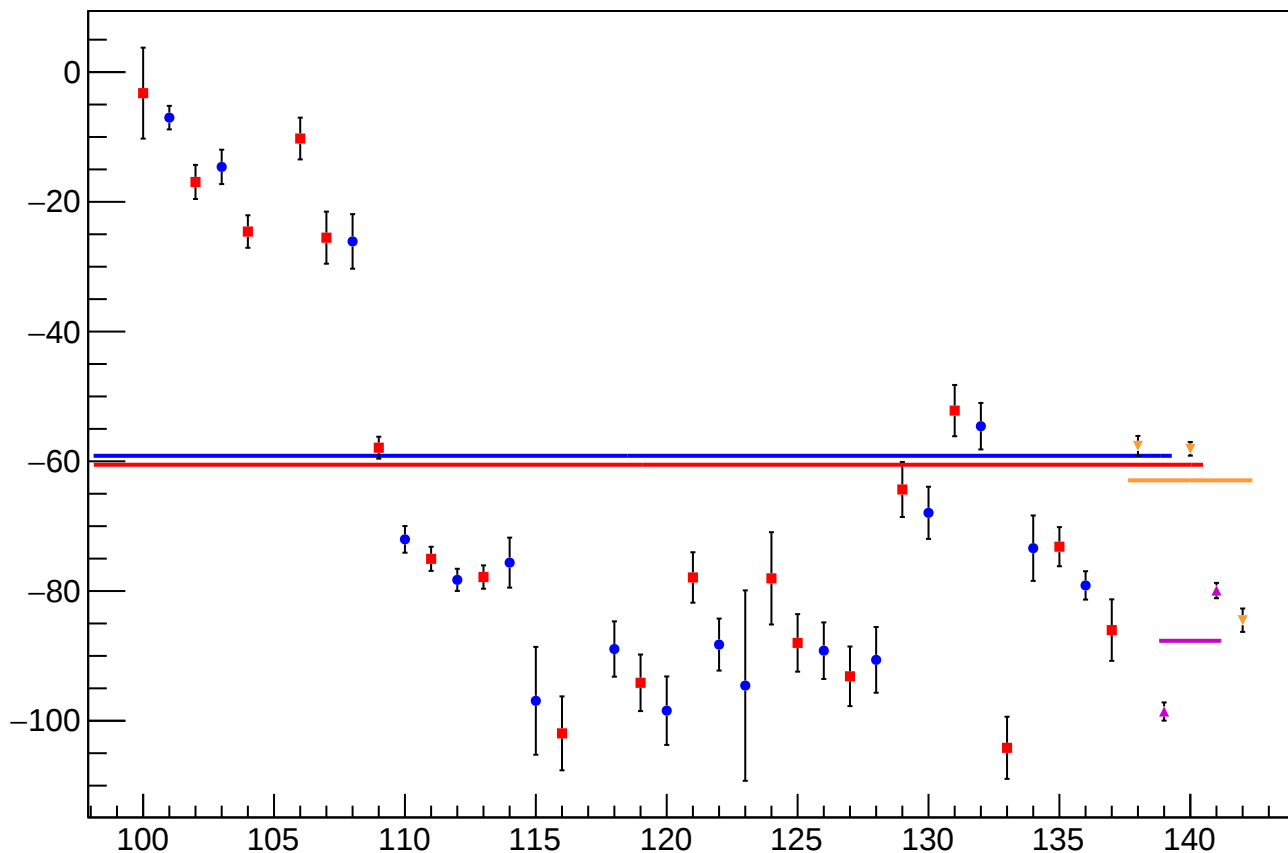
Right: -6.865 ± 0.303 $\chi^2/\text{NDF}: 2286.4/35$

In: -5.681 ± 0.372 $\chi^2/\text{NDF}: 1692.5/18$

Out: -2.009 ± 0.346 $\chi^2/\text{NDF}: 1980.9/21$

All: -3.711 ± 0.253 $\chi^2/\text{NDF}: 3725.7/40$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -62.936 ± 0.783 χ^2/NDF : 176.2/2

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -87.669 ± 0.905 χ^2/NDF : 103.2/1

Left: -73.522 ± 0.592 χ^2/NDF : 706.6/4

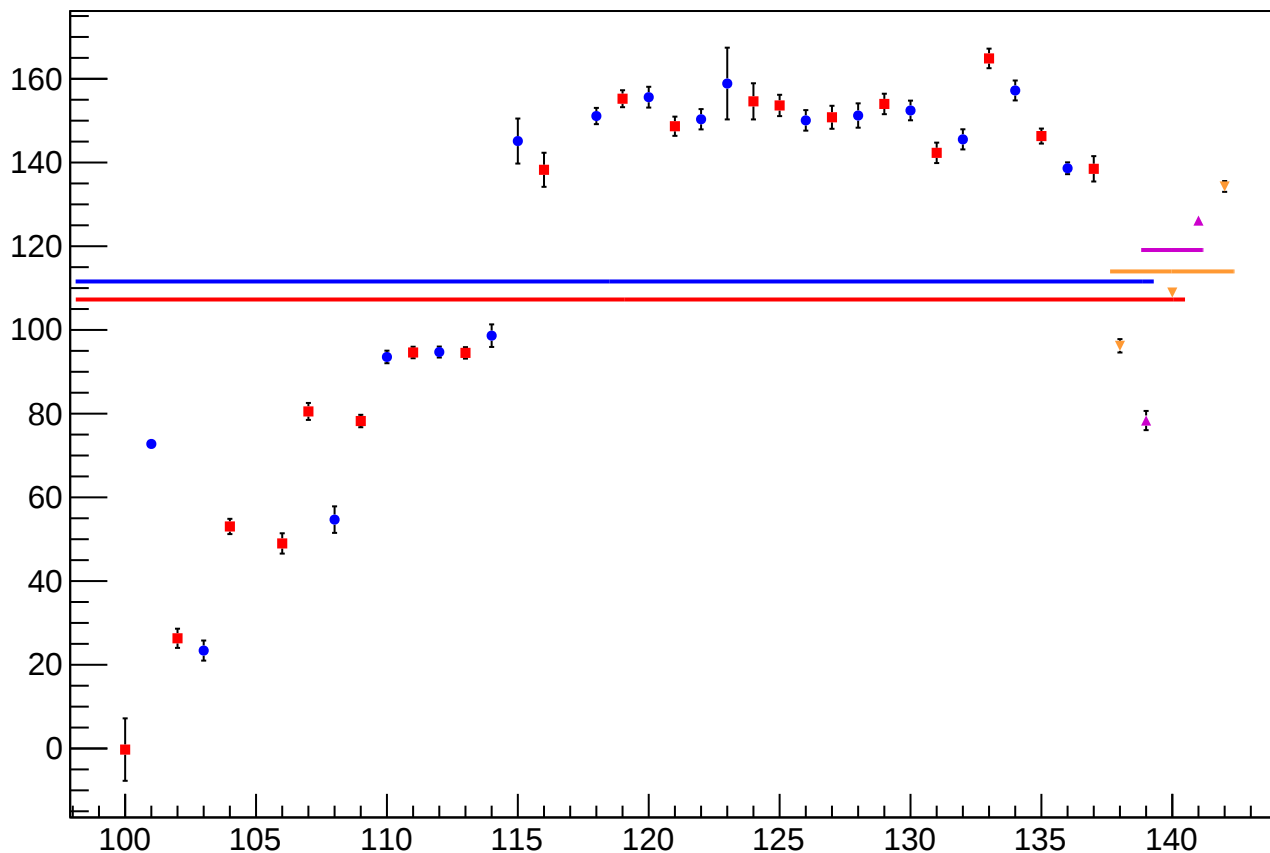
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -70.675 ± 0.575 χ^2/NDF : 2413.3/18

Out: -61.606 ± 0.524 χ^2/NDF : 1566.7/21

All: -65.714 ± 0.387 χ^2/NDF : 4115.9/40

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: 113.979+/-0.700 χ^2/NDF : 397.6/2

Right Out: 107.273+/-0.488 χ^2/NDF : 7044.9/18

Left In: 119.099+/-0.880 χ^2/NDF : 369.5/1

Left: 115.963+/-0.548 χ^2/NDF : 787.8/4

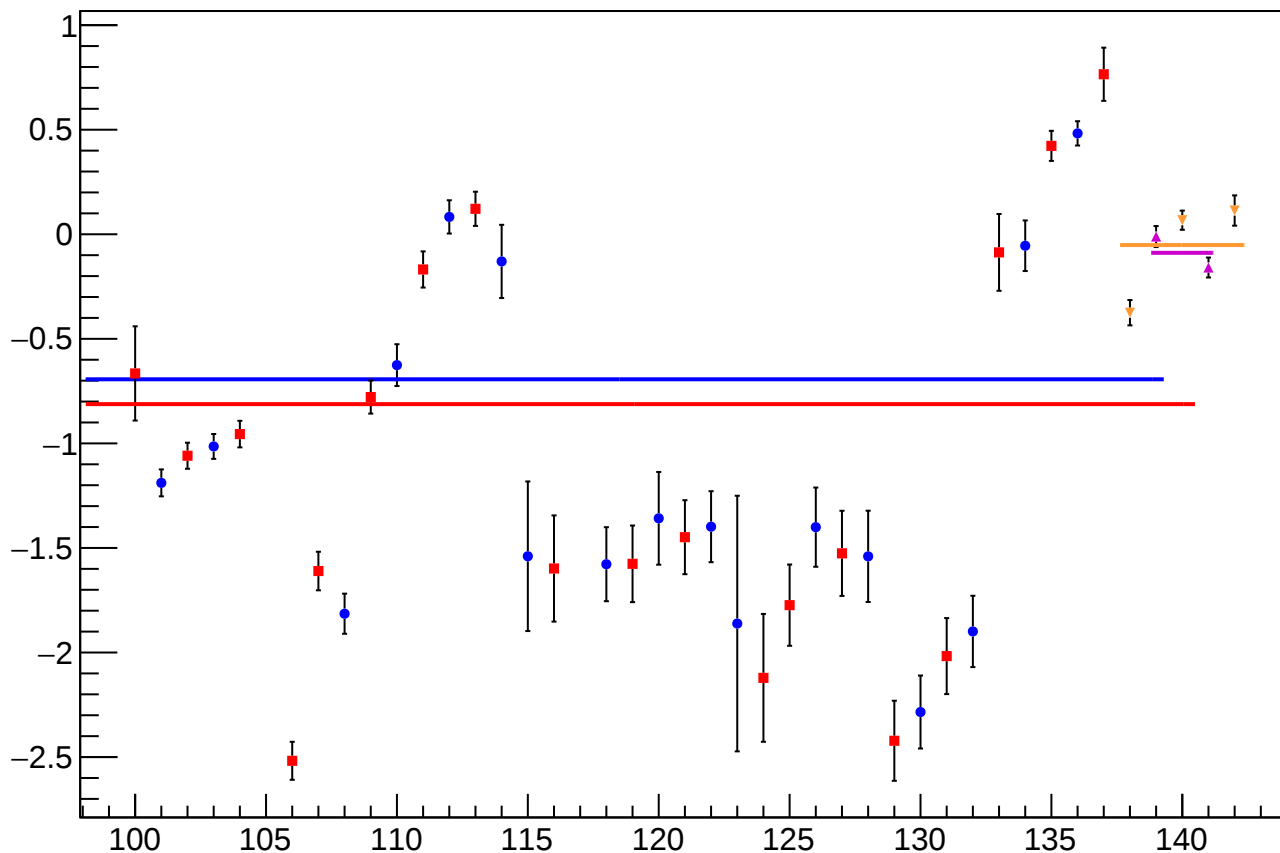
Right: 109.427+/-0.345 χ^2/NDF : 13029.8/35

In: 113.345+/-0.426 χ^2/NDF : 6371.4/18

Out: 109.463+/-0.400 χ^2/NDF : 7504.2/21

All: 111.281+/-0.292 χ^2/NDF : 13919.6/40

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: -0.052 ± 0.033 χ^2/NDF : 40.4/2

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.089 ± 0.035 χ^2/NDF : 4.6/1

Left: -0.069 ± 0.024 χ^2/NDF : 45.6/4

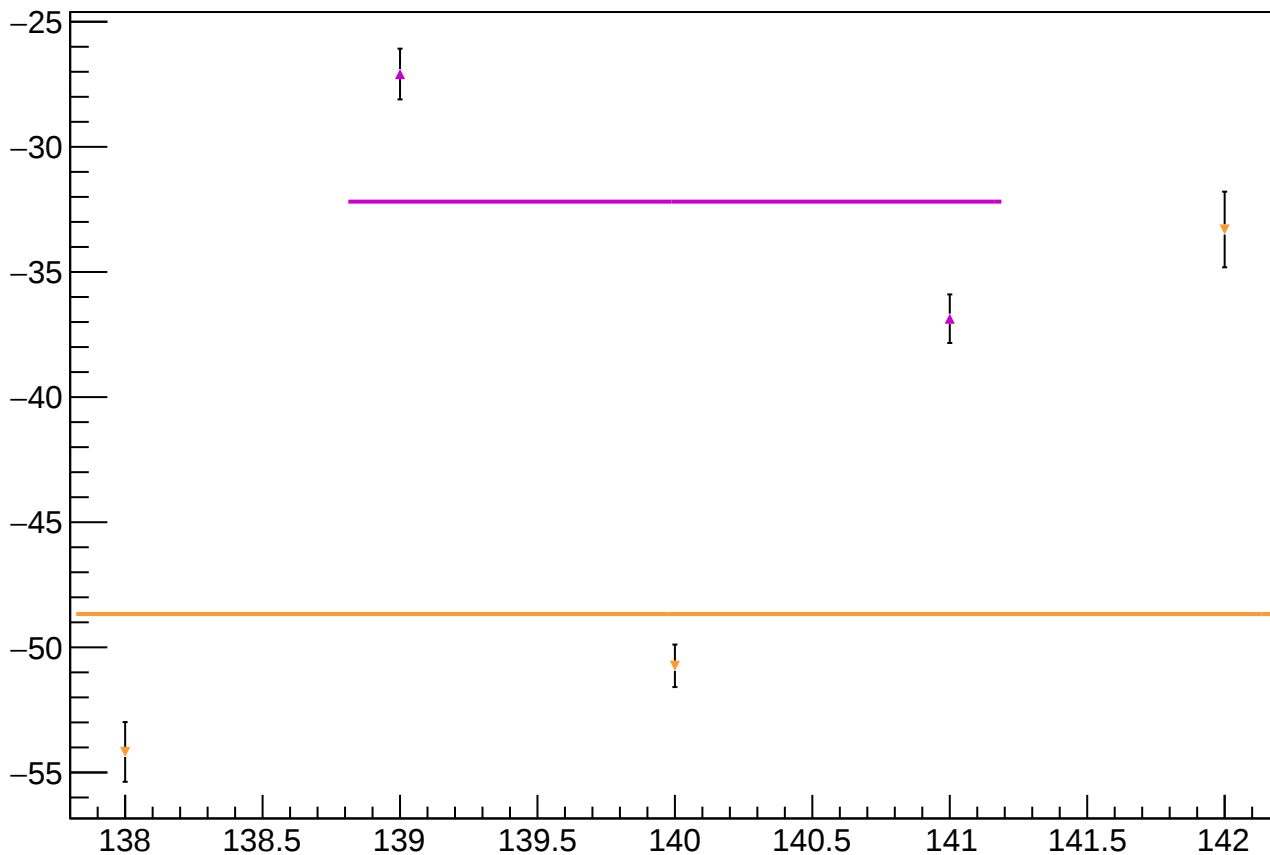
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.477 ± 0.021 χ^2/NDF : 1191.6/18

Out: -0.540 ± 0.020 χ^2/NDF : 1699.1/21

All: -0.511 ± 0.014 χ^2/NDF : 2895.7/40

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: -48.669+/-0.629 χ^2/NDF :130.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.189+/-0.701 χ^2/NDF :48.5/1

Left: -41.315+/-0.468 χ^2/NDF : 485.1/4

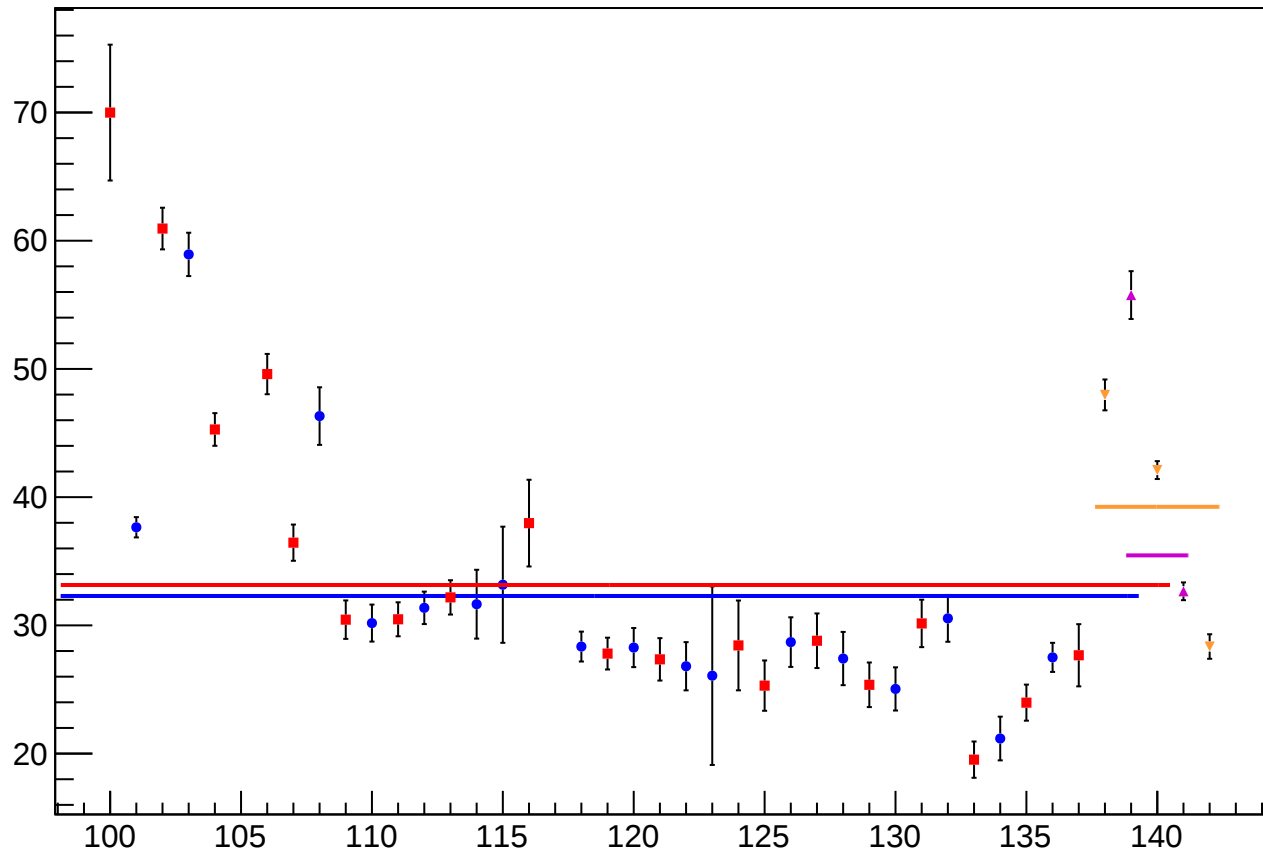
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.189+/-0.701 χ^2/NDF :48.5/1

Out: -48.669+/-0.629 χ^2/NDF :130.7/2

All: -41.315+/-0.468 χ^2/NDF : 485.1/4

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2/NDF : 452.5/16

Left Out: 39.245 $\pm$ 0.510 χ^2/NDF : 199.1/2

Right Out: 33.149 $\pm$ 0.379 χ^2/NDF : 772.6/18

Left In: 35.459 $\pm$ 0.649 χ^2/NDF : 134.8/1

Left: 37.799 $\pm$ 0.401 χ^2/NDF : 355.0/4

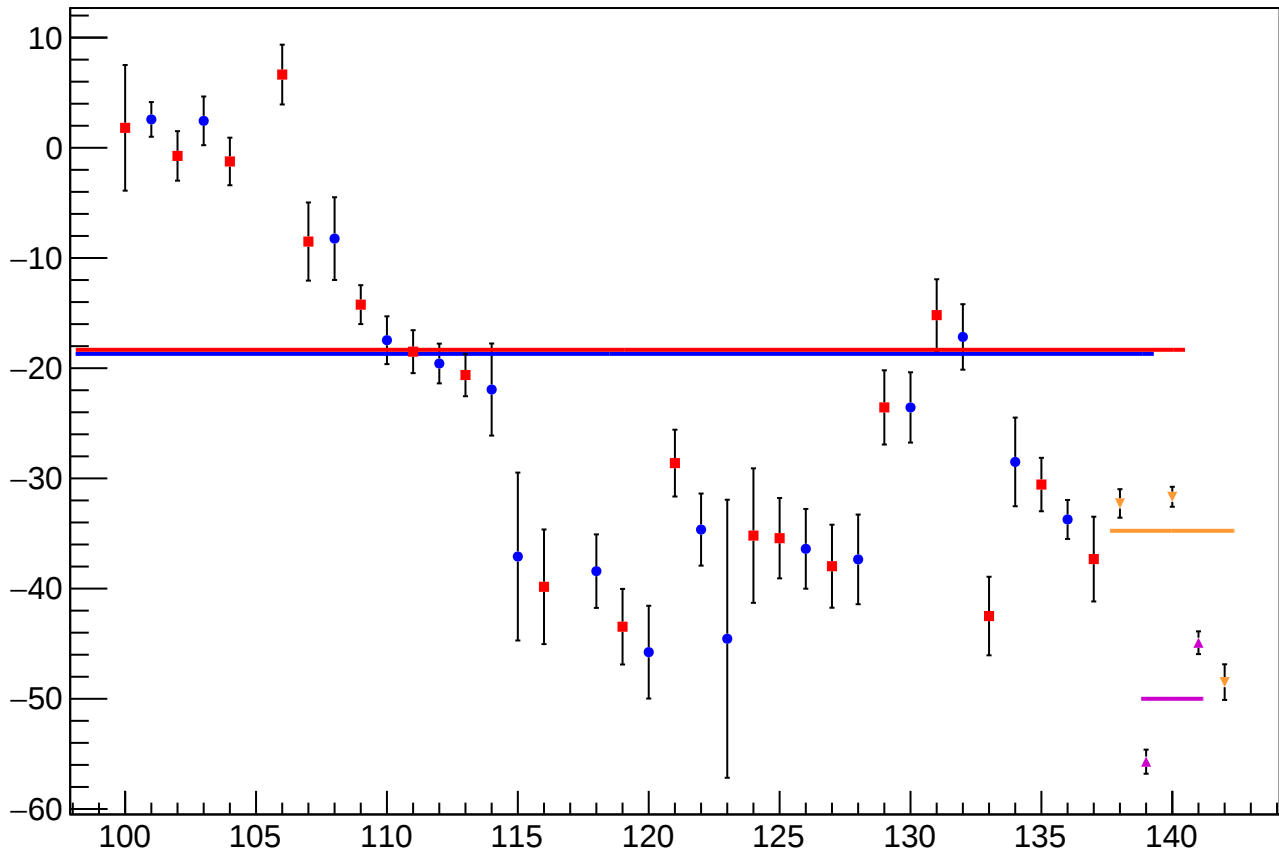
Right: 32.715 $\pm$ 0.266 χ^2/NDF : 1227.8/35

In: 33.079 $\pm$ 0.324 χ^2/NDF : 605.2/18

Out: 35.314 $\pm$ 0.304 χ^2/NDF : 1063.8/21

All: 34.265 $\pm$ 0.222 χ^2/NDF : 1694.3/40

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -34.755 ± 0.674 χ^2/NDF : 87.4/2

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -49.999 ± 0.751 χ^2/NDF : 51.5/1

Left: -41.560 ± 0.502 χ^2/NDF : 367.0/4

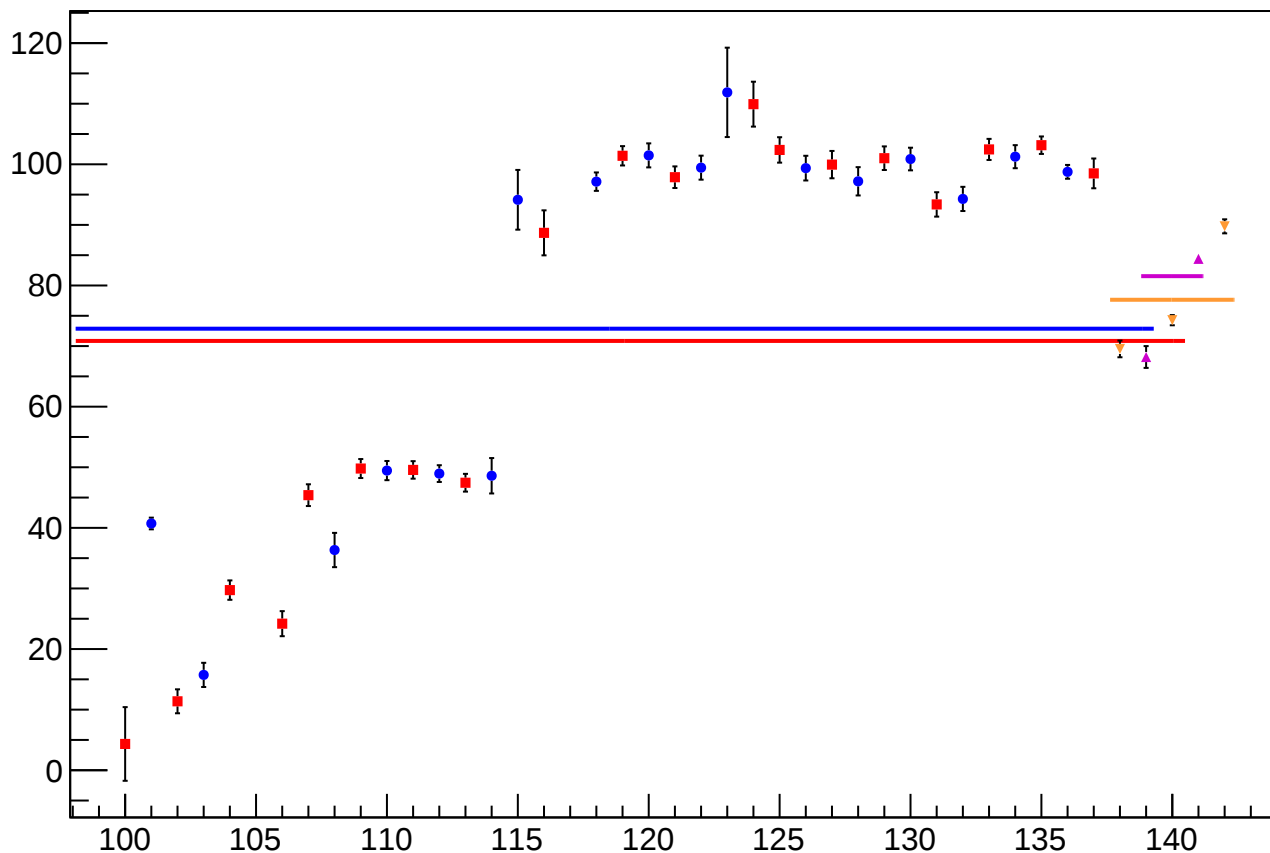
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -32.492 ± 0.498 χ^2/NDF : 1542.3/18

Out: -26.158 ± 0.466 χ^2/NDF : 871.9/21

All: -29.109 ± 0.340 χ^2/NDF : 2500.5/40

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: 77.644 $\pm$ 0.610 χ^2 /NDF:160.5/2

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 81.539 $\pm$ 0.756 χ^2 /NDF:66.8/1

Left: 79.180 $\pm$ 0.475 χ^2 /NDF: 243.4/4

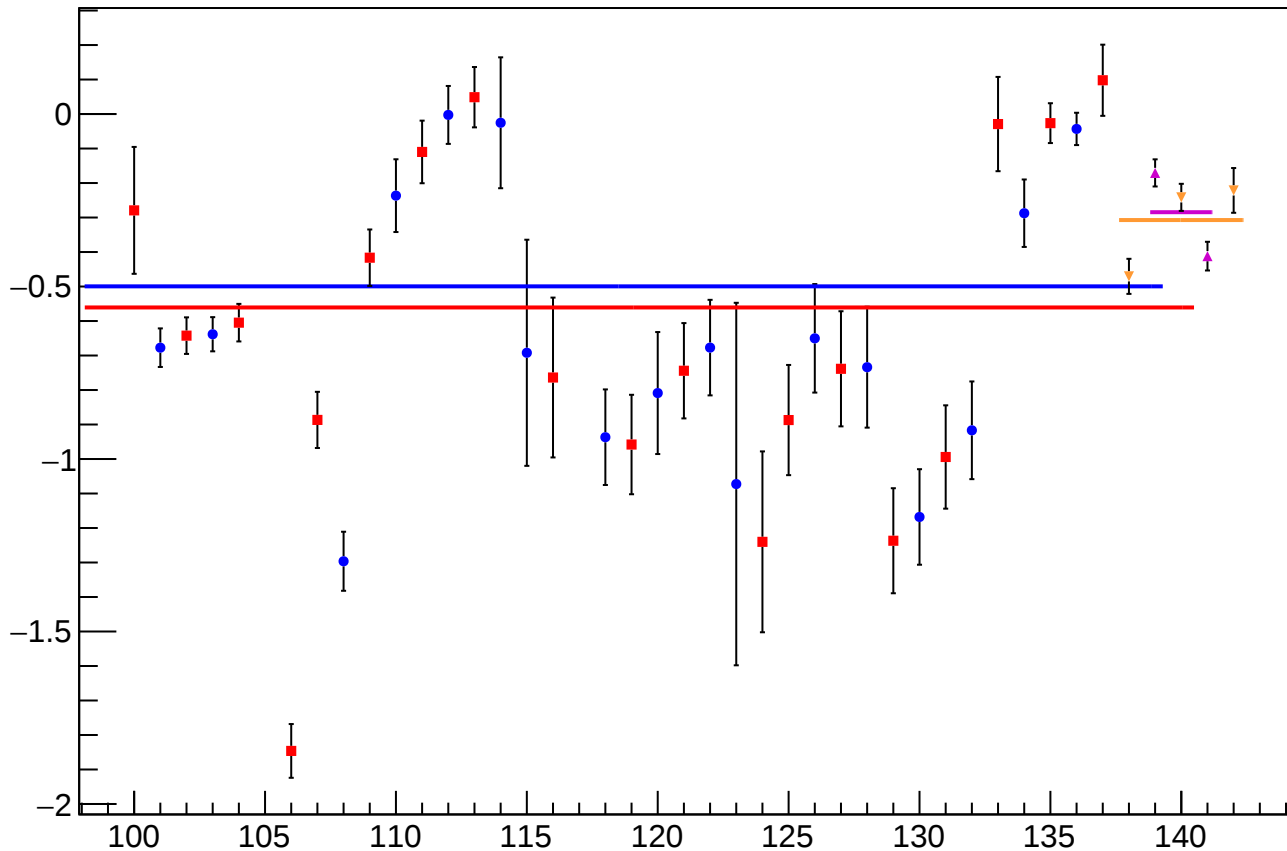
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 74.965 $\pm$ 0.371 χ^2 /NDF:4893.7/18

Out: 73.127 $\pm$ 0.353 χ^2 /NDF:5738.4/21

All: 73.999 $\pm$ 0.256 χ^2 /NDF: 10645.0/40

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: -0.307 ± 0.028 χ^2/NDF : 14.9/2

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.285 ± 0.029 χ^2/NDF : 17.8/1

Left: -0.296 ± 0.020 χ^2/NDF : 33.0/4

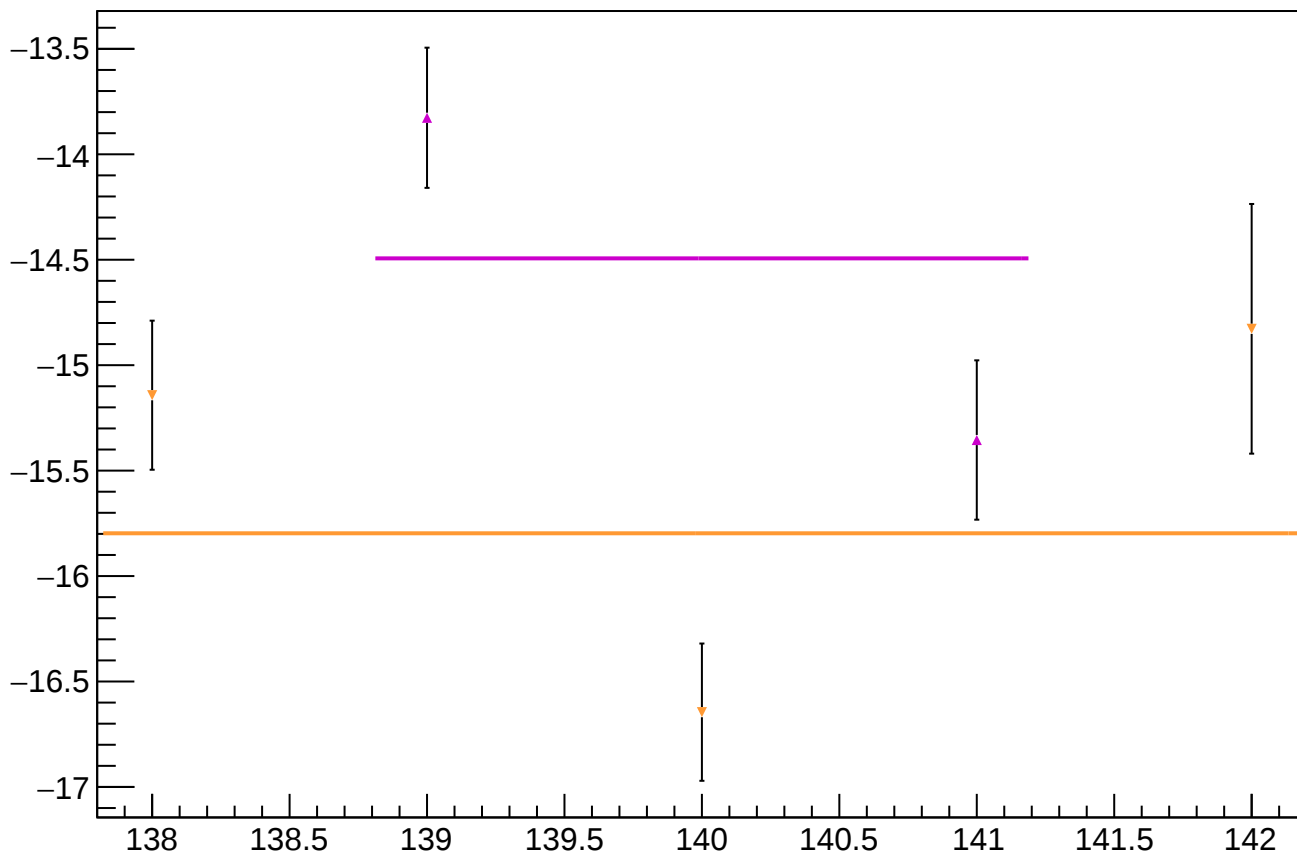
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.418 ± 0.018 χ^2/NDF : 355.5/18

Out: -0.467 ± 0.017 χ^2/NDF : 628.3/21

All: -0.444 ± 0.012 χ^2/NDF : 987.9/40

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: -15.797+/-0.222 χ^2/NDF :12.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.494+/-0.250 χ^2/NDF :9.2/1

Left: -15.221+/-0.166 χ^2/NDF : 37.4/4

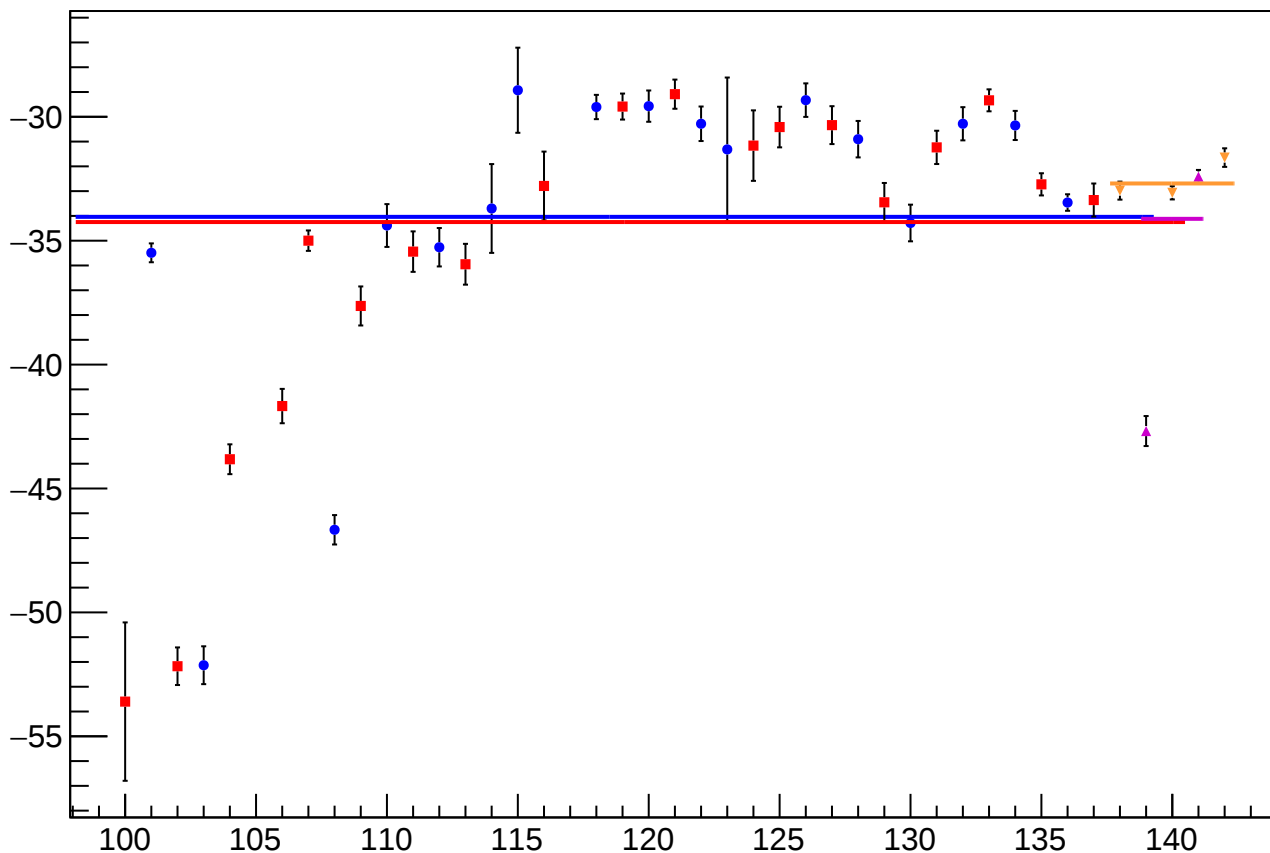
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.494+/-0.250 χ^2/NDF :9.2/1

Out: -15.797+/-0.222 χ^2/NDF :12.9/2

All: -15.221+/-0.166 χ^2/NDF : 37.4/4

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -32.691 ± 0.187 χ^2/NDF : 10.4/2

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -34.118 ± 0.247 χ^2/NDF : 239.9/1

Left: -33.211 ± 0.149 χ^2/NDF : 271.5/4

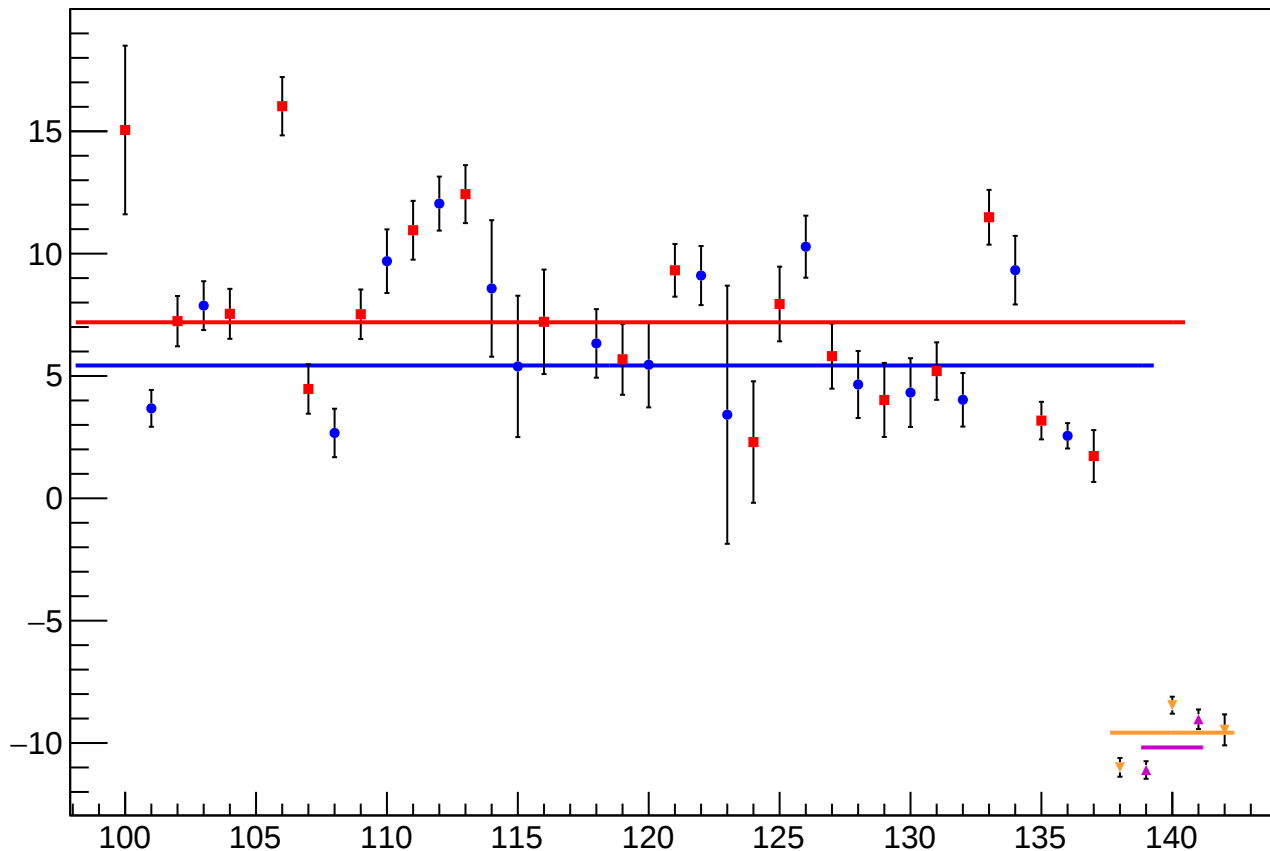
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -34.060 ± 0.129 χ^2/NDF : 1582.9/18

Out: -33.635 ± 0.117 χ^2/NDF : 1409.9/21

All: -33.827 ± 0.087 χ^2/NDF : 2998.8/40

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -9.578 ± 0.238 χ^2/NDF : 24.2/2

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -10.182 ± 0.268 χ^2/NDF : 14.8/1

Left: -9.845 ± 0.178 χ^2/NDF : 41.8/4

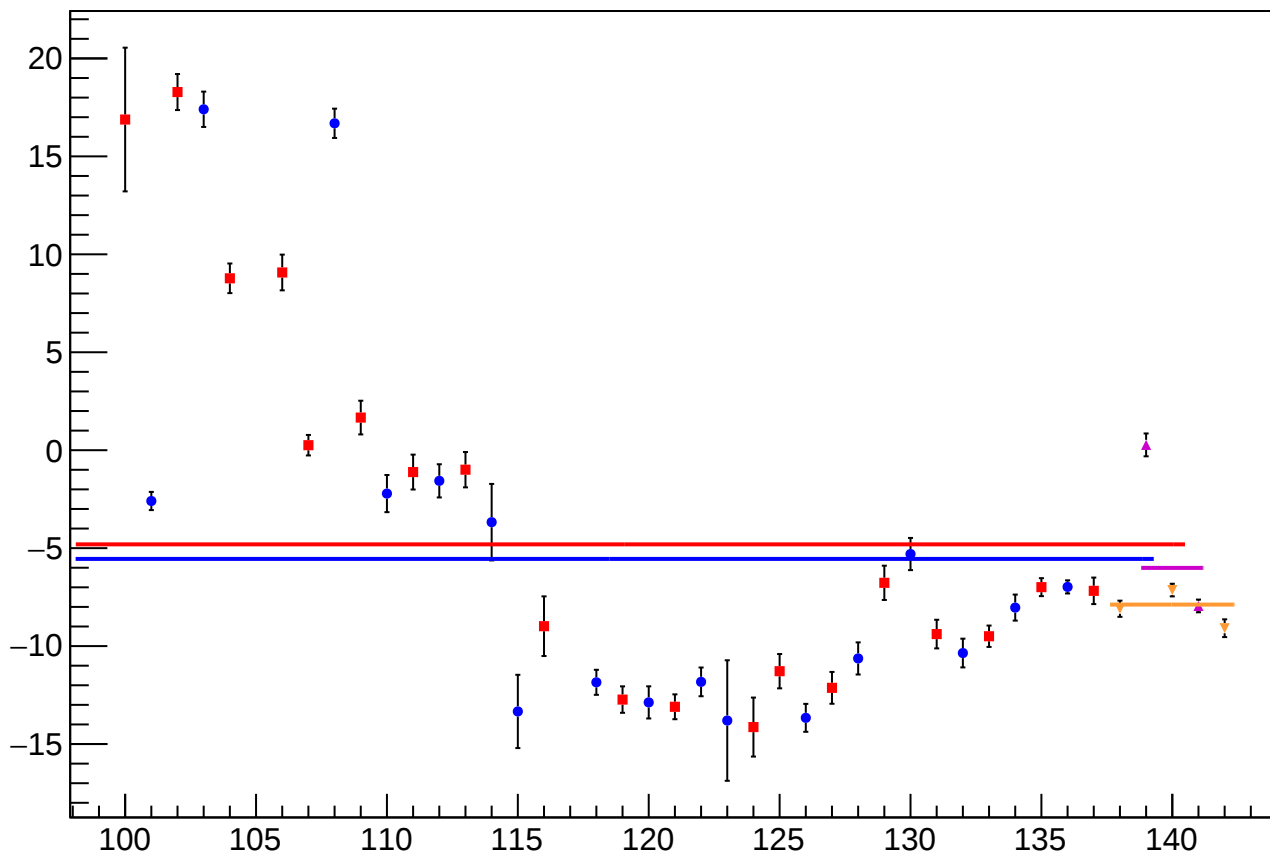
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -2.436 ± 0.190 χ^2/NDF : 1833.1/18

Out: -2.359 ± 0.180 χ^2/NDF : 2340.5/21

All: -2.395 ± 0.131 χ^2/NDF : 4173.7/40

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: -7.881 ± 0.222 χ^2/NDF : 12.6/2

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.008 ± 0.284 χ^2/NDF : 151.7/1

Left: -7.170 ± 0.175 χ^2/NDF : 191.4/4

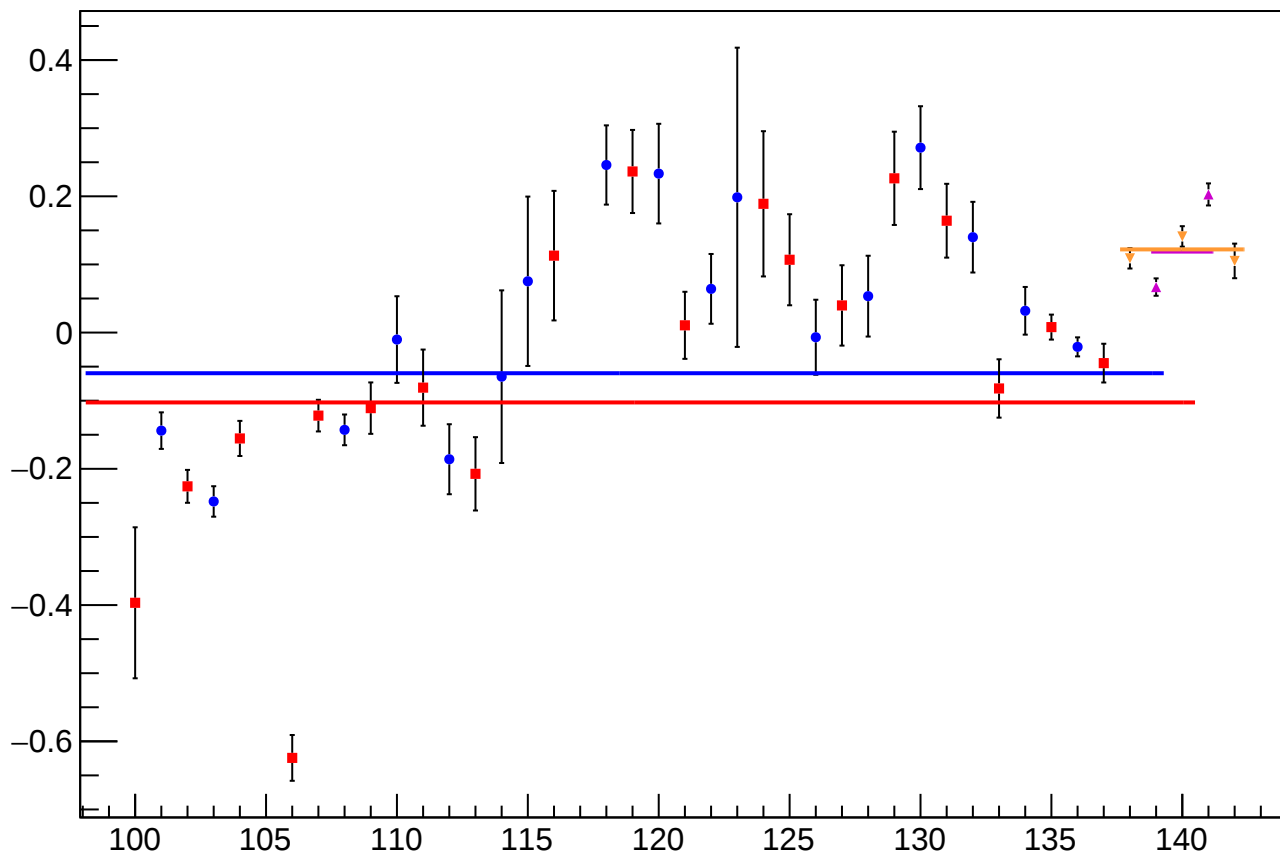
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.671 ± 0.146 χ^2/NDF : 2280.2/18

Out: -5.966 ± 0.136 χ^2/NDF : 2180.4/21

All: -5.829 ± 0.100 χ^2/NDF : 4462.8/40

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: 0.122 ± 0.010 χ^2/NDF : 2.8/2

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.119 ± 0.010 χ^2/NDF : 43.5/1

Left: 0.120 ± 0.007 χ^2/NDF : 46.4/4

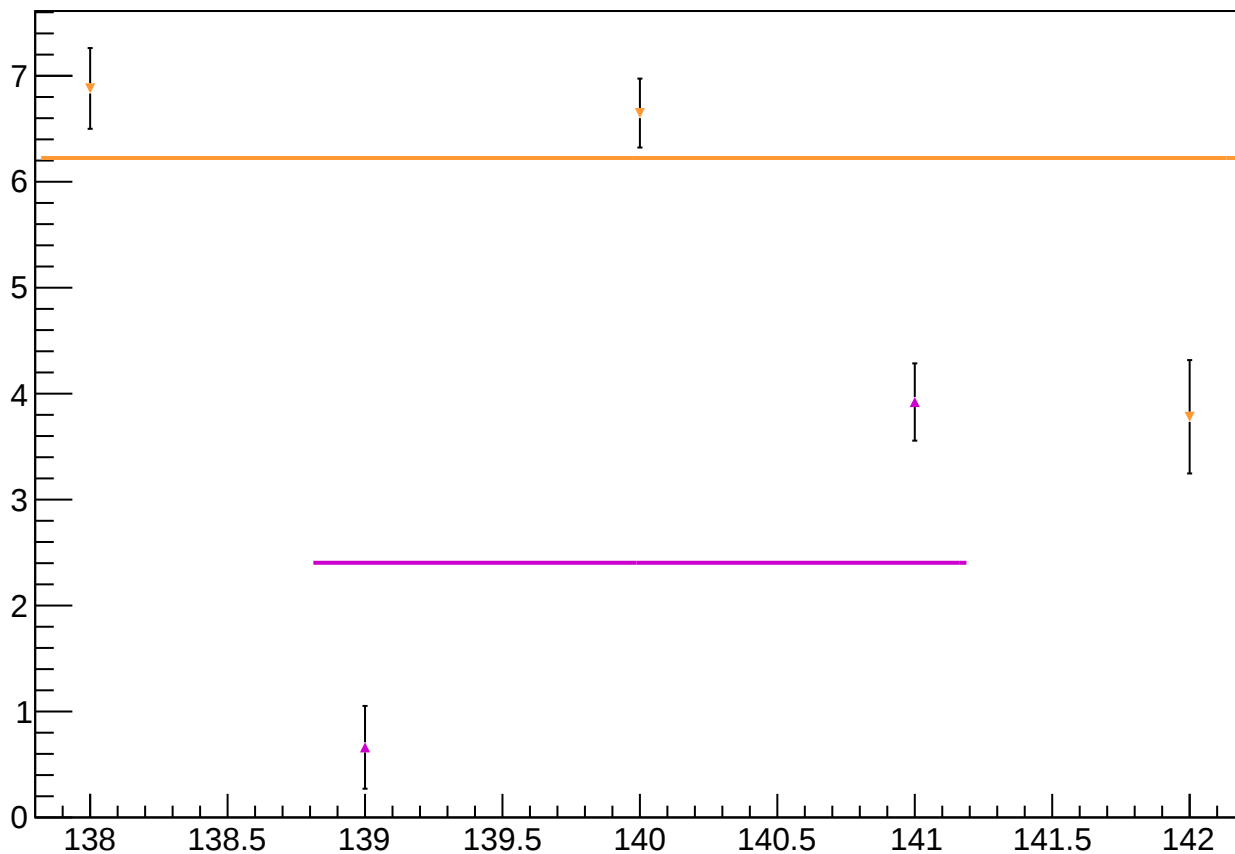
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.014 ± 0.006 χ^2/NDF : 446.6/18

Out: -0.007 ± 0.006 χ^2/NDF : 740.7/21

All: 0.003 ± 0.005 χ^2/NDF : 1192.8/40

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6.224+/-0.225 χ^2/NDF :25.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.404+/-0.267 χ^2/NDF :37.2/1

Left: 4.638+/-0.172 χ^2/NDF : 182.9/4

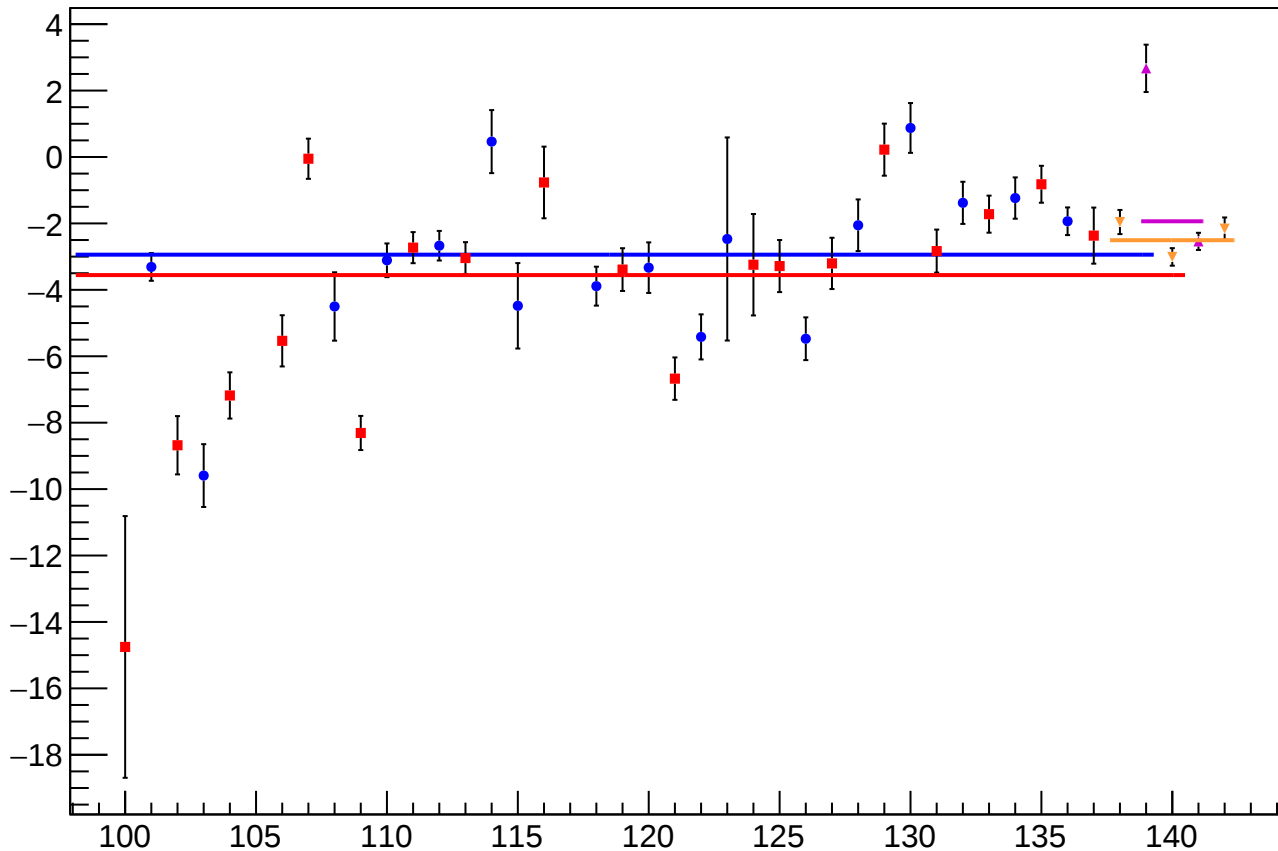
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.404+/-0.267 χ^2/NDF :37.2/1

Out: 6.224+/-0.225 χ^2/NDF :25.5/2

All: 4.638+/-0.172 χ^2/NDF : 182.9/4

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: -2.506 ± 0.180 χ^2/NDF : 7.0/2

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.936 ± 0.243 χ^2/NDF : 47.2/1

Left: -2.303 ± 0.145 χ^2/NDF : 57.7/4

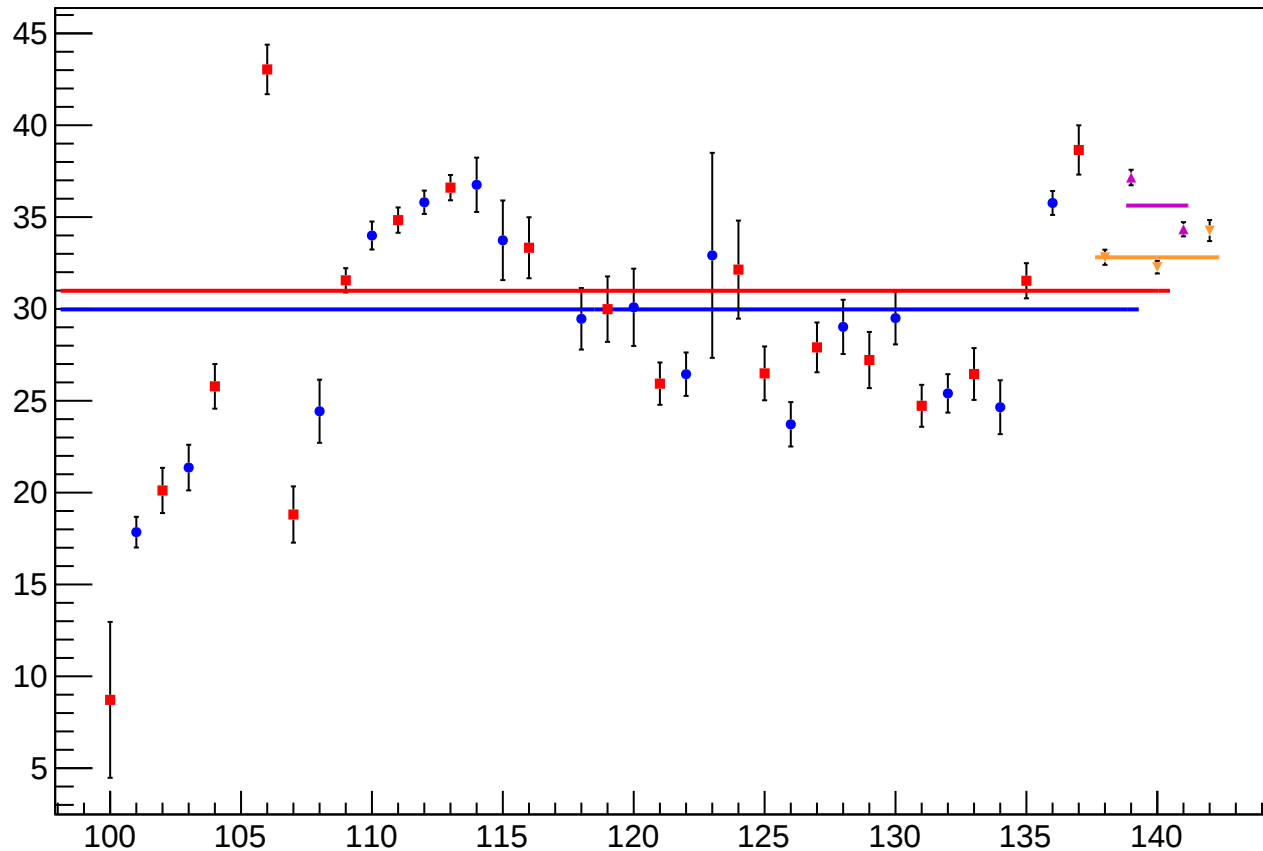
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.652 ± 0.130 χ^2/NDF : 205.0/18

Out: -3.112 ± 0.117 χ^2/NDF : 318.1/21

All: -2.906 ± 0.087 χ^2/NDF : 530.0/40

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 χ^2/NDF : 553.9/16

Left Out: 32.810 ± 0.241 χ^2/NDF : 8.9/2

Right Out: 30.989 ± 0.260 χ^2/NDF : 481.0/18

Left In: 35.626 ± 0.286 χ^2/NDF : 24.1/1

Left: 33.980 ± 0.184 χ^2/NDF : 89.9/4

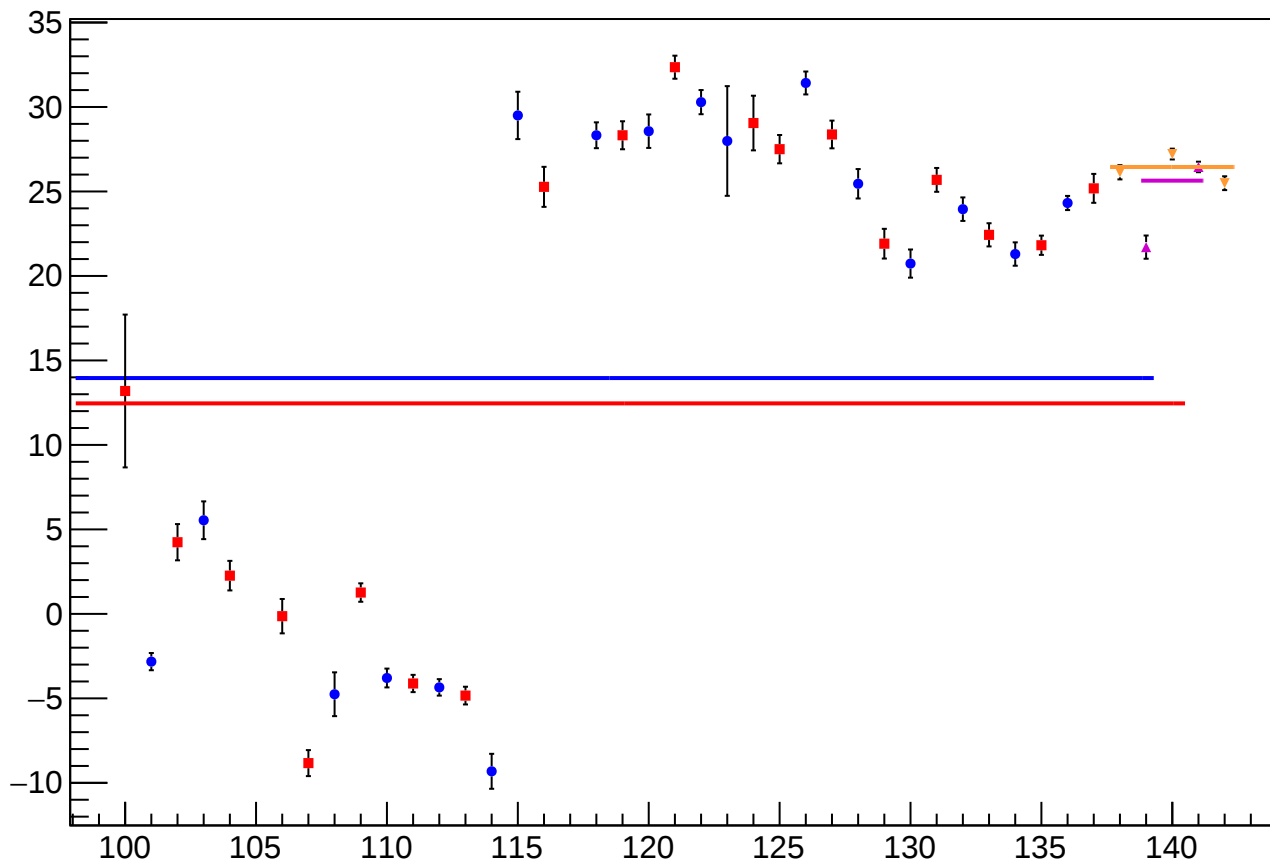
Right: 30.495 ± 0.186 χ^2/NDF : 1042.4/35

In: 32.613 ± 0.195 χ^2/NDF : 787.0/18

Out: 31.969 ± 0.177 χ^2/NDF : 516.3/21

All: 32.259 ± 0.131 χ^2/NDF : 1309.2/40

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: 26.449 $\pm$ 0.216 χ^2 /NDF:11.8/2

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 25.641 $\pm$ 0.284 χ^2 /NDF:39.6/1

Left: 26.152 $\pm$ 0.172 χ^2 /NDF: 56.5/4

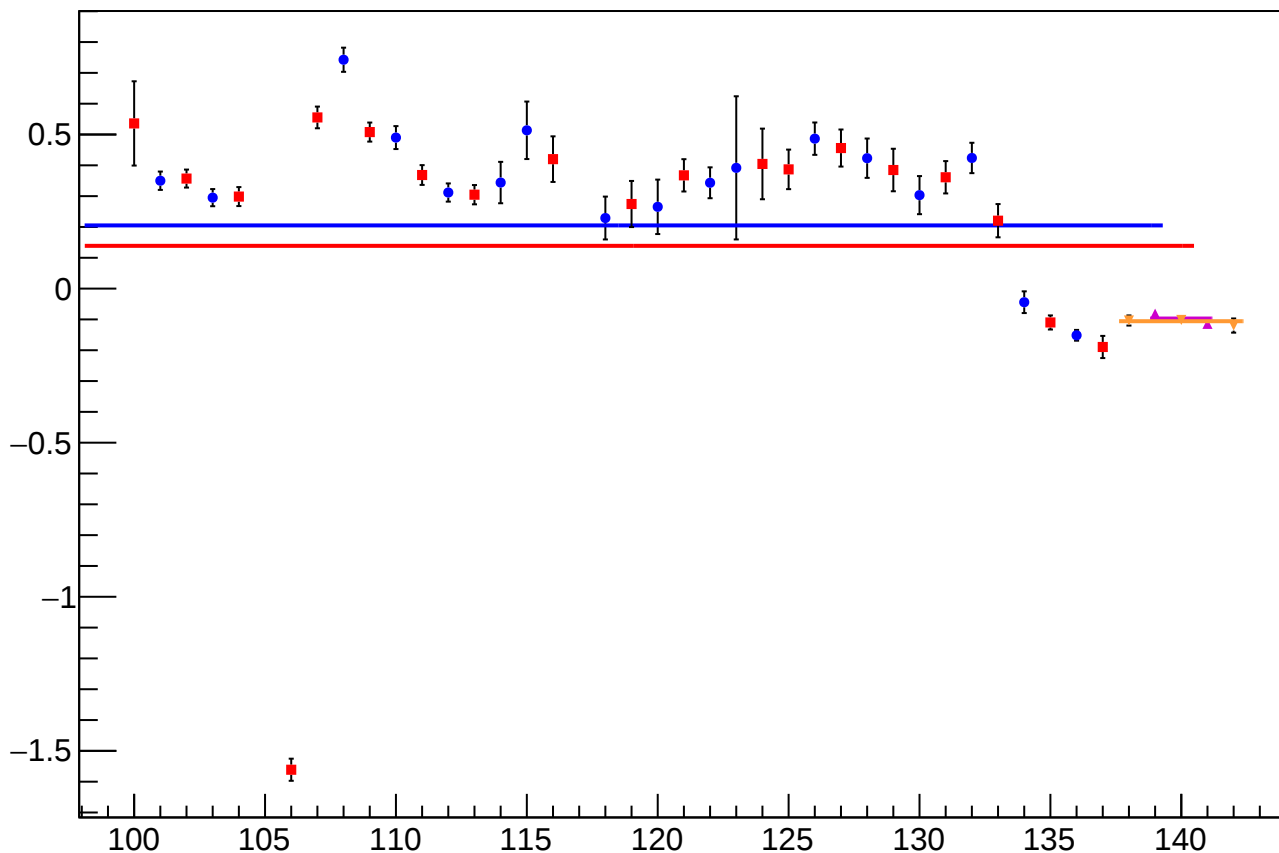
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 17.101 $\pm$ 0.147 χ^2 /NDF:8625.7/18

Out: 17.944 $\pm$ 0.135 χ^2 /NDF:9538.0/21

All: 17.558 $\pm$ 0.100 χ^2 /NDF: 18181.4/40

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.106 $\pm$ 0.010 χ^2 /NDF: 0.5/2

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.4/18

Left In: -0.097 $\pm$ 0.011 χ^2 /NDF: 2.3/1

Left: -0.102 $\pm$ 0.007 χ^2 /NDF: 3.1/4

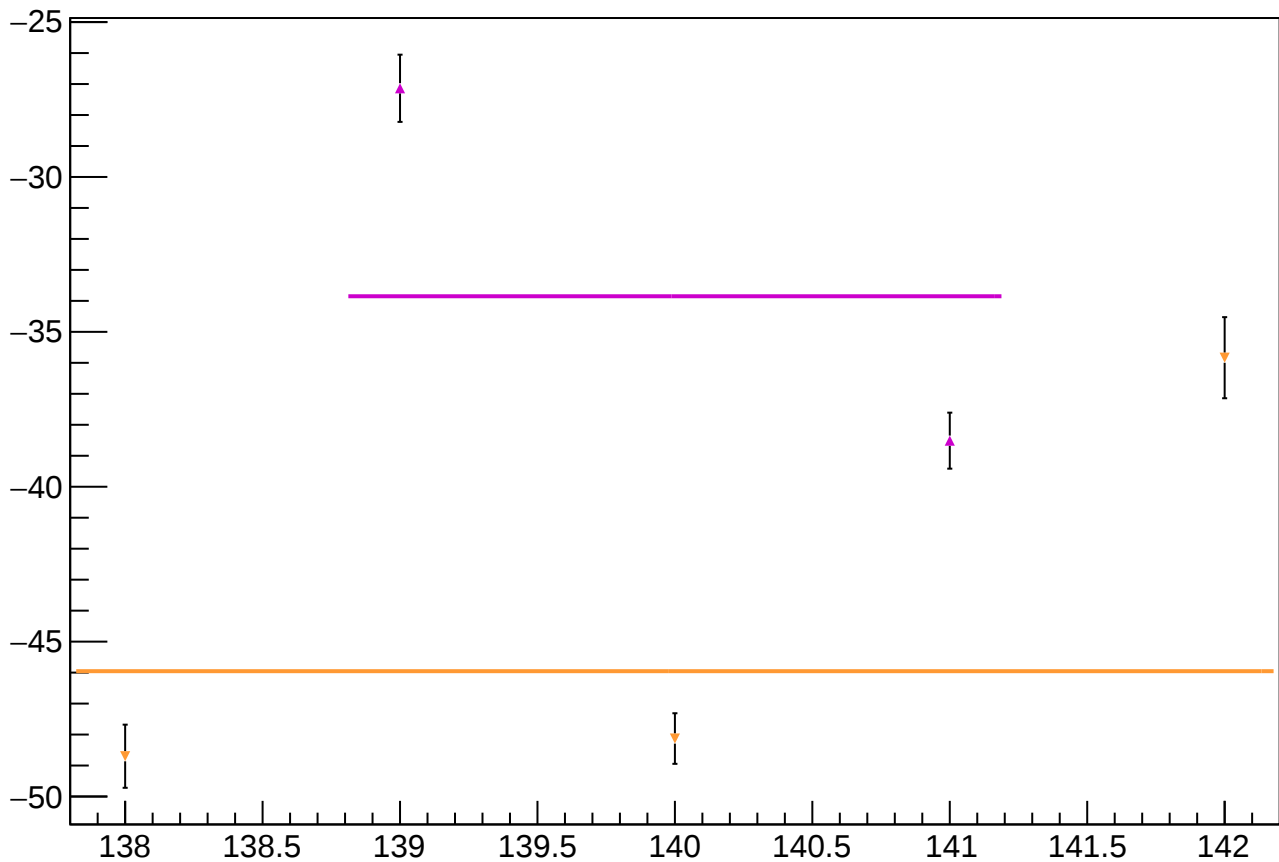
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: 0.076 $\pm$ 0.007 χ^2 /NDF: 1293.6/18

Out: 0.027 $\pm$ 0.007 χ^2 /NDF: 3340.8/21

All: 0.050 $\pm$ 0.005 χ^2 /NDF: 4659.4/40

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: -45.954+/-0.573 χ^2/NDF : 74.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.851+/-0.695 χ^2/NDF : 64.9/1

Left: -41.053+/-0.442 χ^2/NDF : 319.7/4

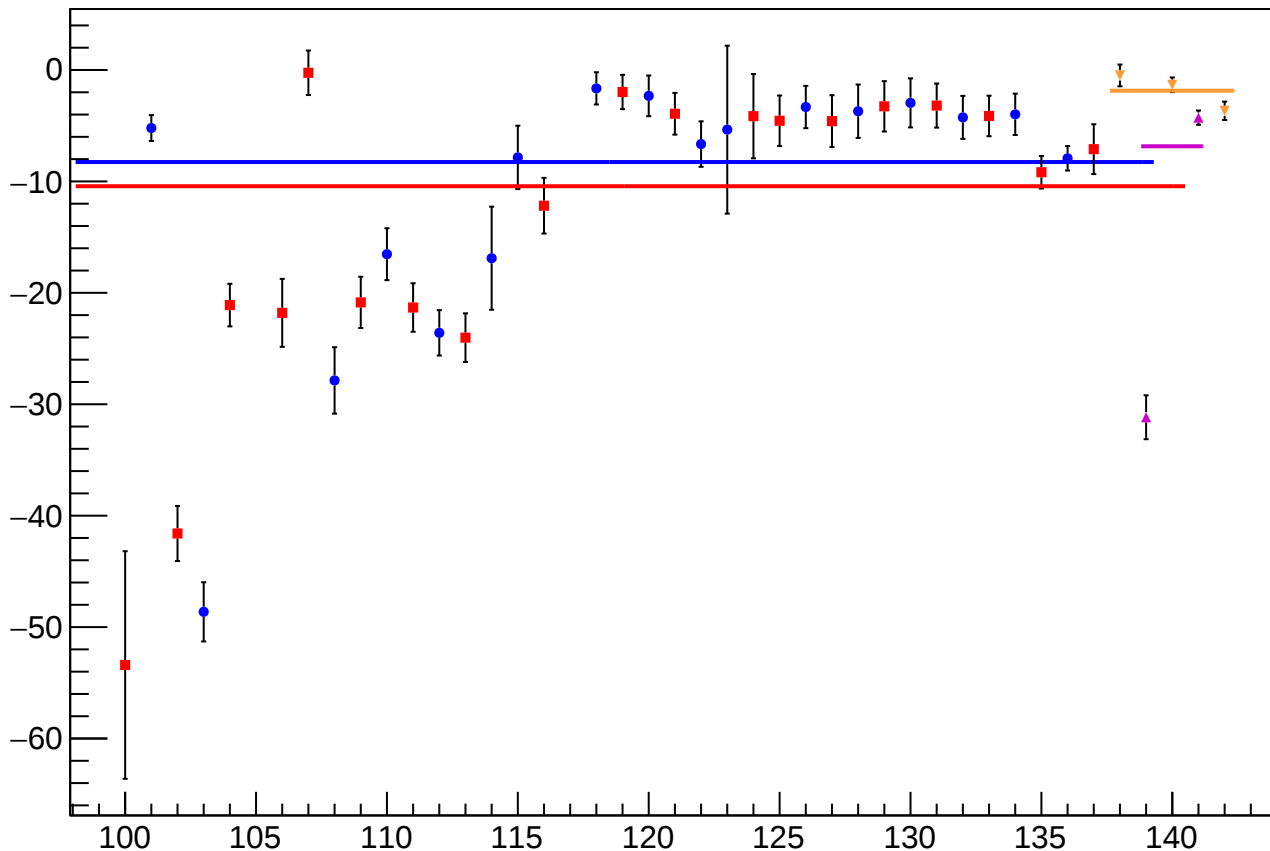
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.851+/-0.695 χ^2/NDF : 64.9/1

Out: -45.954+/-0.573 χ^2/NDF : 74.1/2

All: -41.053+/-0.442 χ^2/NDF : 319.7/4

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -1.861 ± 0.456 χ^2/NDF : 7.4/2

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -6.847 ± 0.609 χ^2/NDF : 168.4/1

Left: -3.653 ± 0.365 χ^2/NDF : 218.8/4

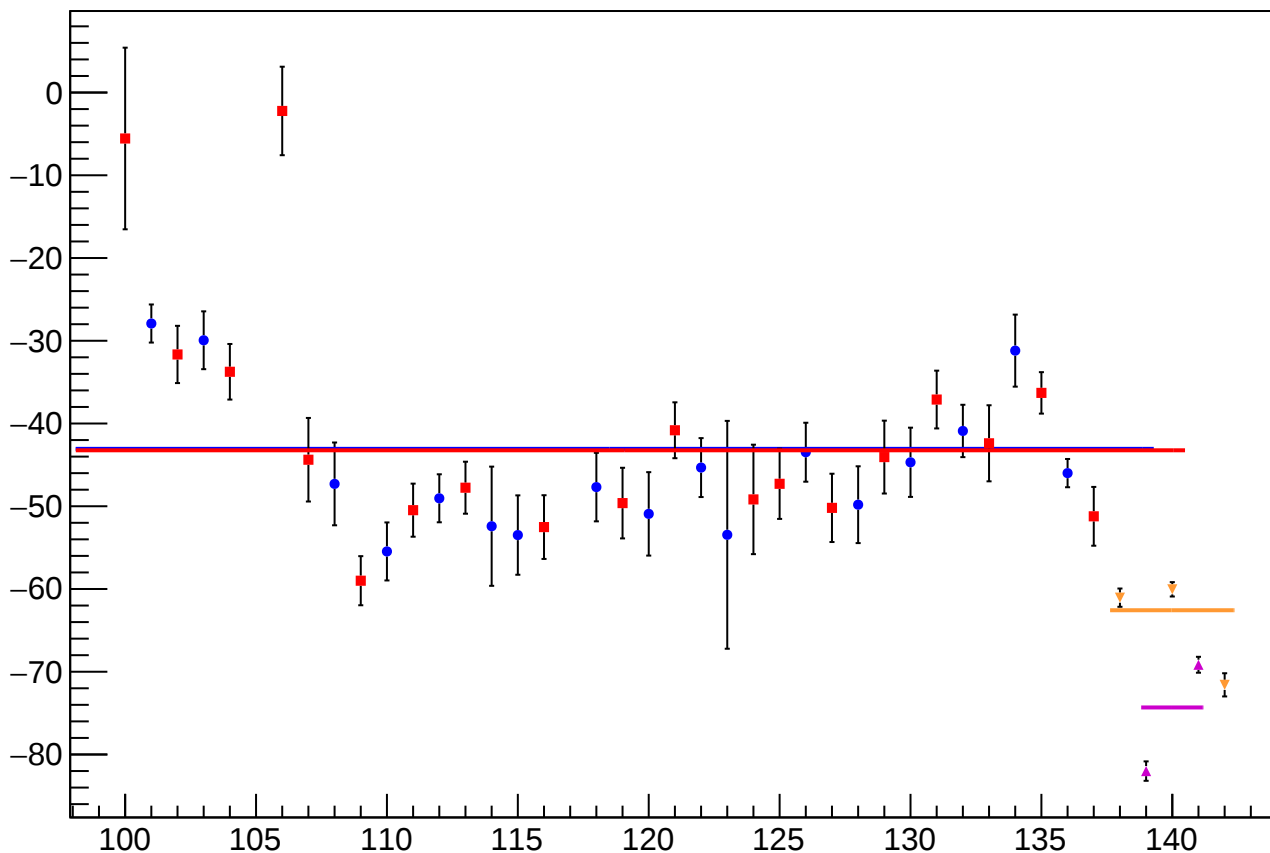
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -7.744 ± 0.368 χ^2/NDF : 583.8/18

Out: -5.837 ± 0.334 χ^2/NDF : 599.8/21

All: -6.697 ± 0.248 χ^2/NDF : 1198.2/40

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 χ^2/NDF : 99.0/16

Left Out: -62.568 ± 0.614 χ^2/NDF : 51.8/2

Right Out: -43.237 ± 0.866 χ^2/NDF : 154.2/18

Left In: -74.317 ± 0.744 χ^2/NDF : 71.8/1

Left: -67.330 ± 0.473 χ^2/NDF : 271.9/4

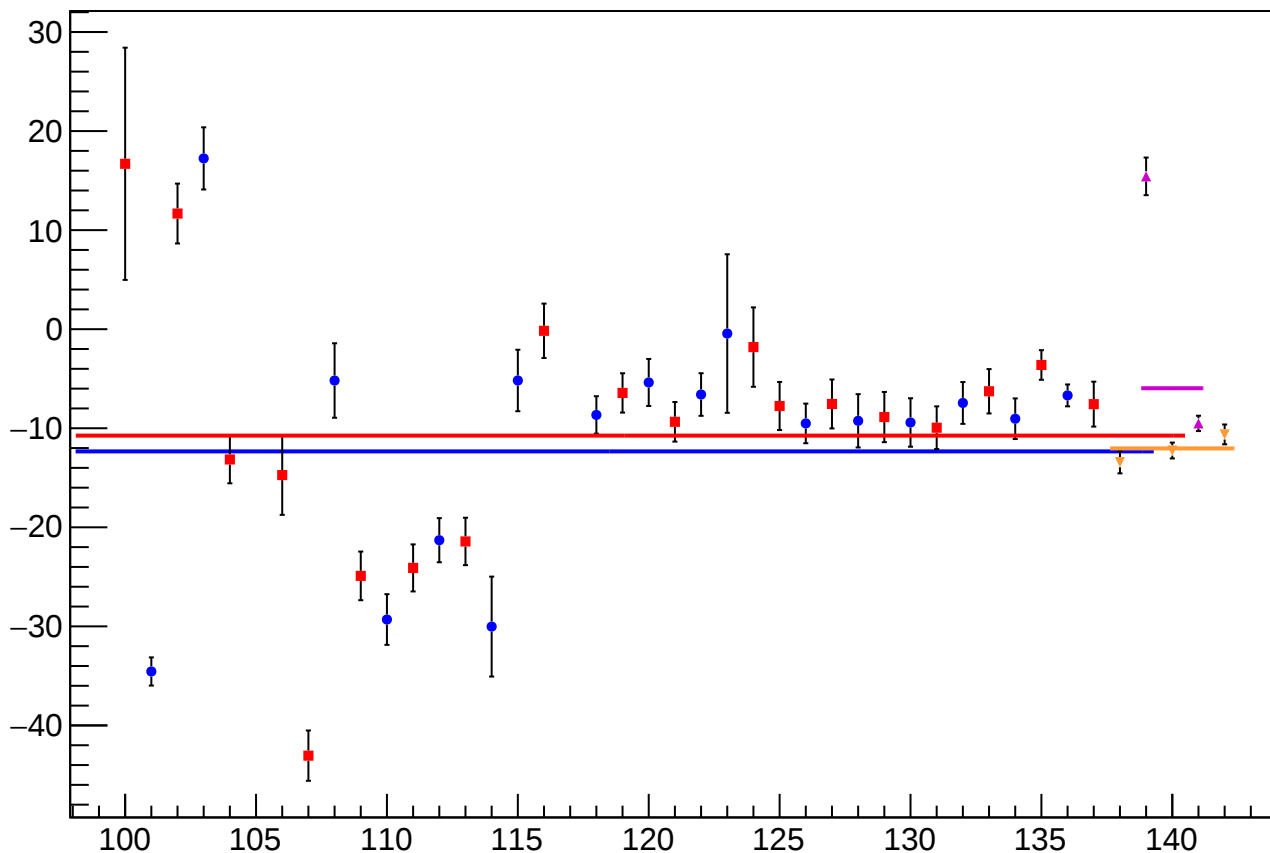
Right: -43.147 ± 0.601 χ^2/NDF : 253.3/35

In: -60.498 ± 0.555 χ^2/NDF : 951.7/18

Out: -56.102 ± 0.501 χ^2/NDF : 537.5/21

All: -58.074 ± 0.372 χ^2/NDF : 1523.8/40

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -12.037 ± 0.547 $\chi^2/\text{NDF}: 3.6/2$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -5.961 ± 0.716 $\chi^2/\text{NDF}: 148.1/1$

Left: -9.796 ± 0.435 $\chi^2/\text{NDF}: 197.1/4$

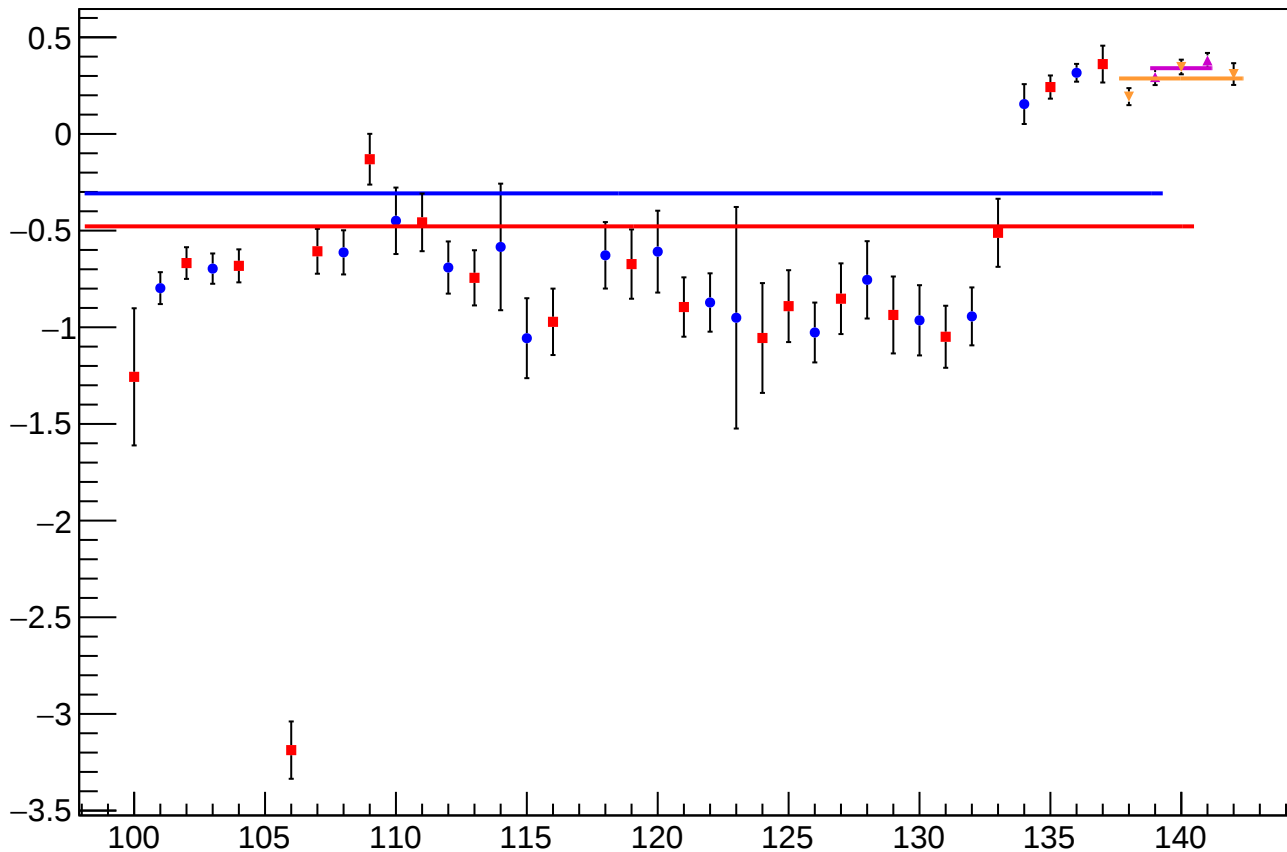
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -10.133 ± 0.421 $\chi^2/\text{NDF}: 675.1/18$

Out: -11.397 ± 0.389 $\chi^2/\text{NDF}: 373.2/21$

All: -10.814 ± 0.286 $\chi^2/\text{NDF}: 1053.2/40$

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: 0.287 ± 0.026 χ^2/NDF : 7.2/2

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.340 ± 0.028 χ^2/NDF : 2.3/1

Left: 0.311 ± 0.019 χ^2/NDF : 11.4/4

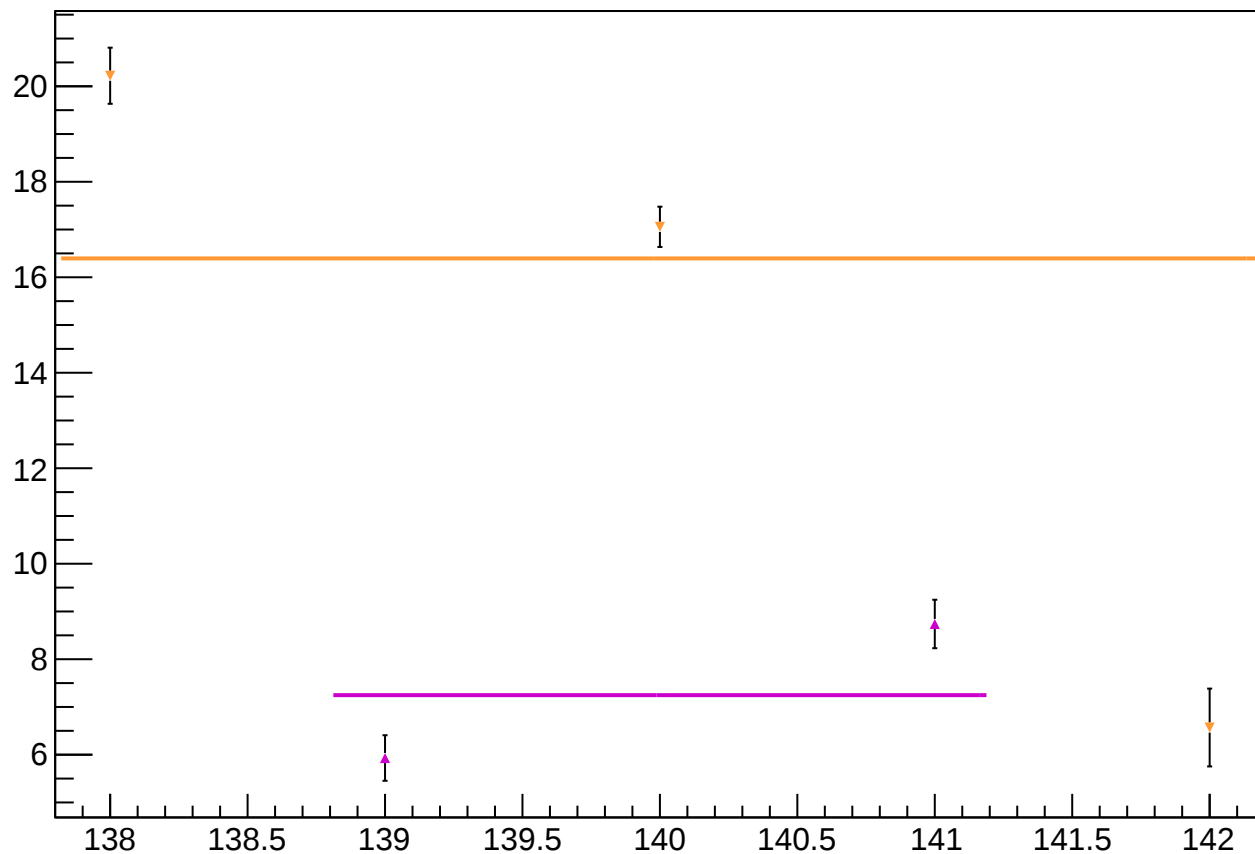
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.006 ± 0.020 χ^2/NDF : 642.6/18

Out: -0.054 ± 0.019 χ^2/NDF : 1037.0/21

All: -0.025 ± 0.014 χ^2/NDF : 1684.4/40

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 16.395+/-0.316 χ^2/NDF :190.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.247+/-0.348 χ^2/NDF :16.2/1

Left: 12.256+/-0.234 χ^2/NDF : 585.5/4

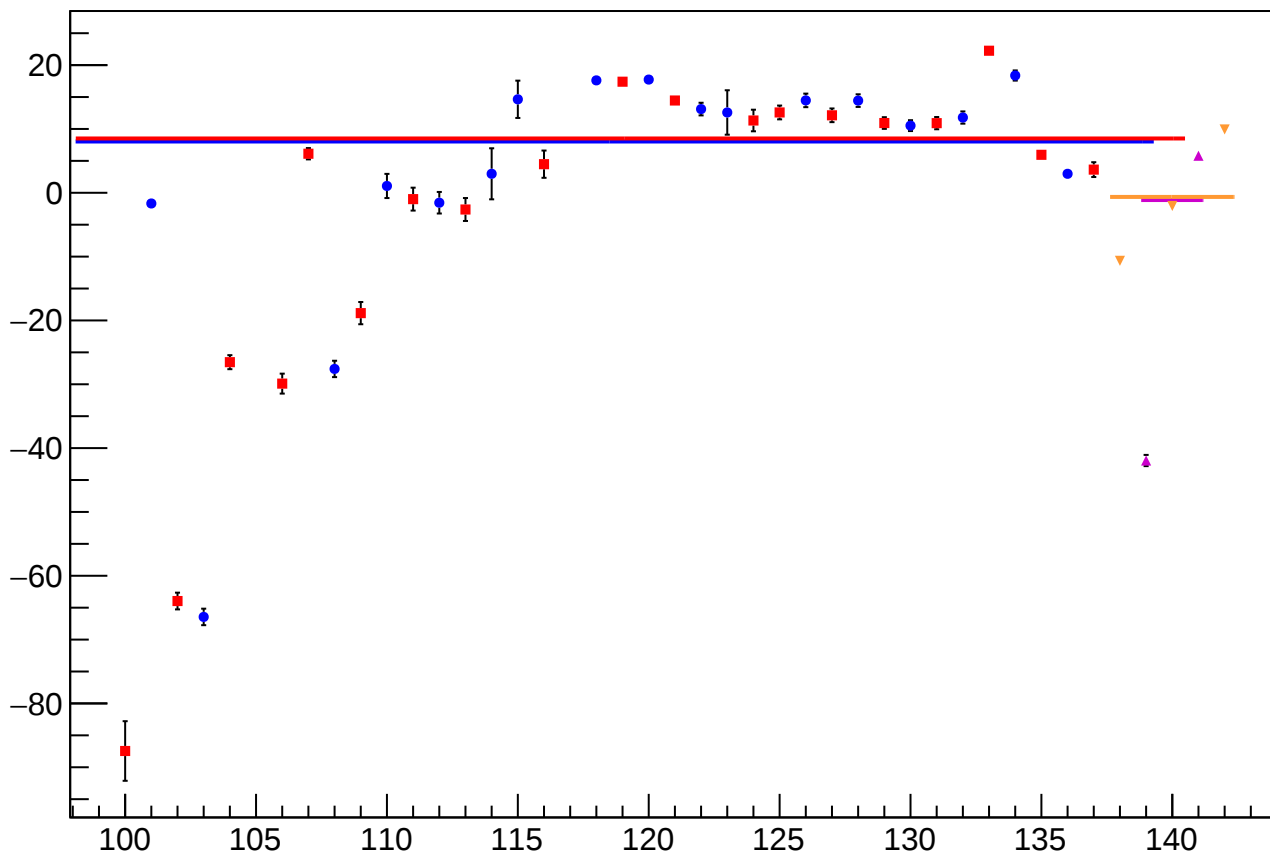
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.247+/-0.348 χ^2/NDF :16.2/1

Out: 16.395+/-0.316 χ^2/NDF :190.1/2

All: 12.256+/-0.234 χ^2/NDF : 585.5/4

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: -0.649 ± 0.260 χ^2/NDF : 717.4/2

Right Out: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: -1.136 ± 0.335 χ^2/NDF : 2518.6/1

Left: -0.832 ± 0.206 χ^2/NDF : 3237.3/4

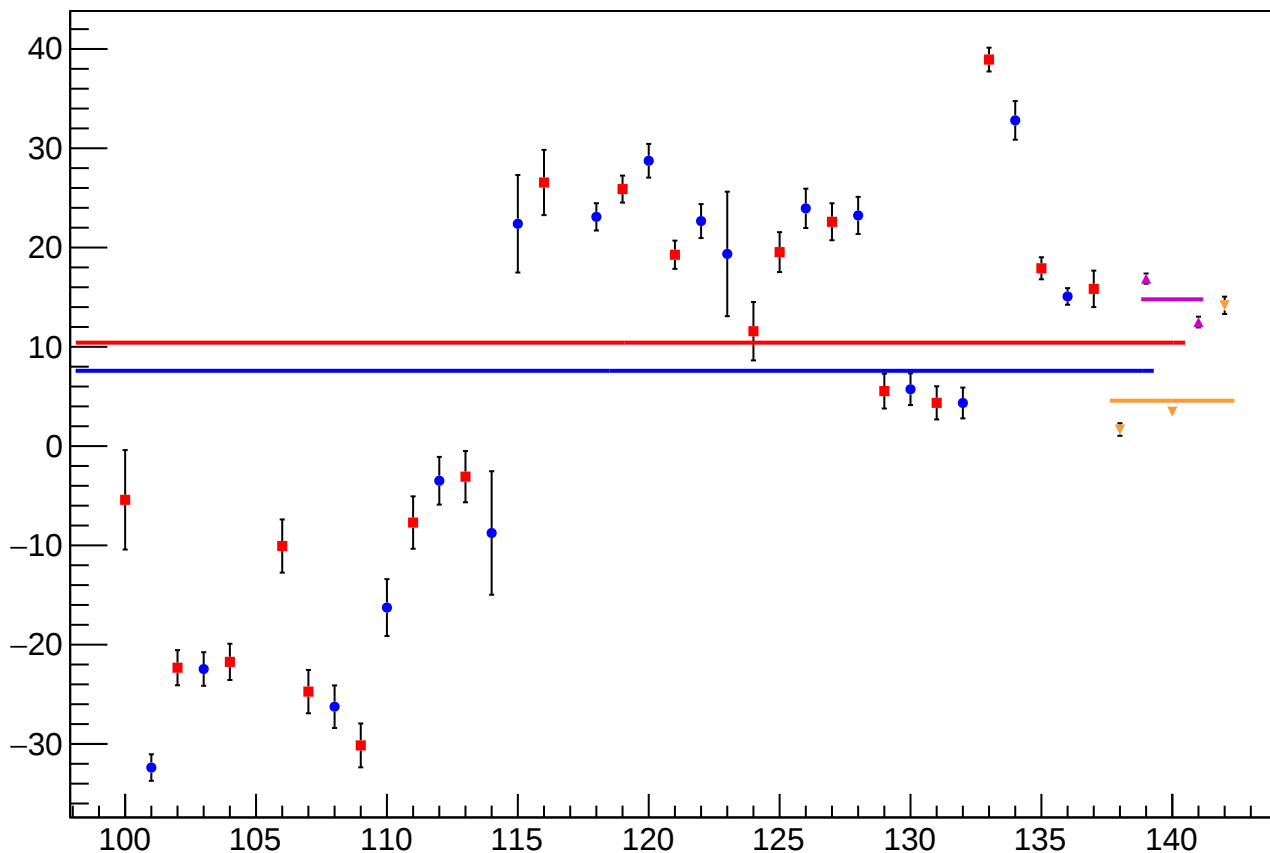
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 5.357 ± 0.181 χ^2/NDF : 8418.5/18

Out: 4.838 ± 0.165 χ^2/NDF : 8171.9/21

All: 5.073 ± 0.122 χ^2/NDF : 16594.9/40

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: 4.574 ± 0.339 χ^2/NDF : 148.0/2

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 14.787 ± 0.372 χ^2/NDF : 34.4/1

Left: 9.196 ± 0.251 χ^2/NDF : 594.1/4

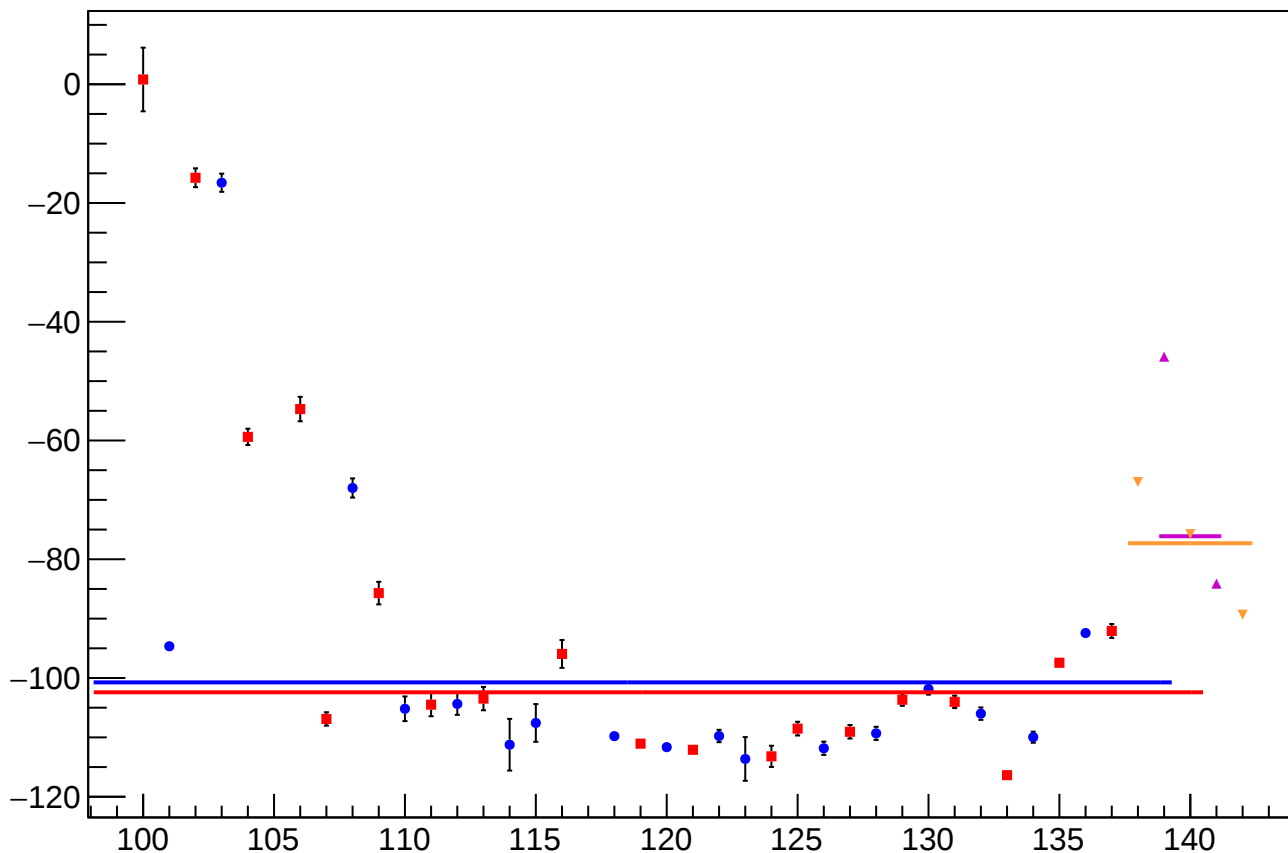
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 11.585 ± 0.278 χ^2/NDF : 2523.4/18

Out: 6.904 ± 0.263 χ^2/NDF : 2556.3/21

All: 9.115 ± 0.191 χ^2/NDF : 5229.8/40

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -77.302+/-0.311 χ^2/NDF : 613.8/2

Right Out: -102.408+/-0.246 χ^2/NDF : 6088.0/18

Left In: -76.121+/-0.388 χ^2/NDF : 1605.5/1

Left: -76.840+/-0.243 χ^2/NDF : 2225.0/4

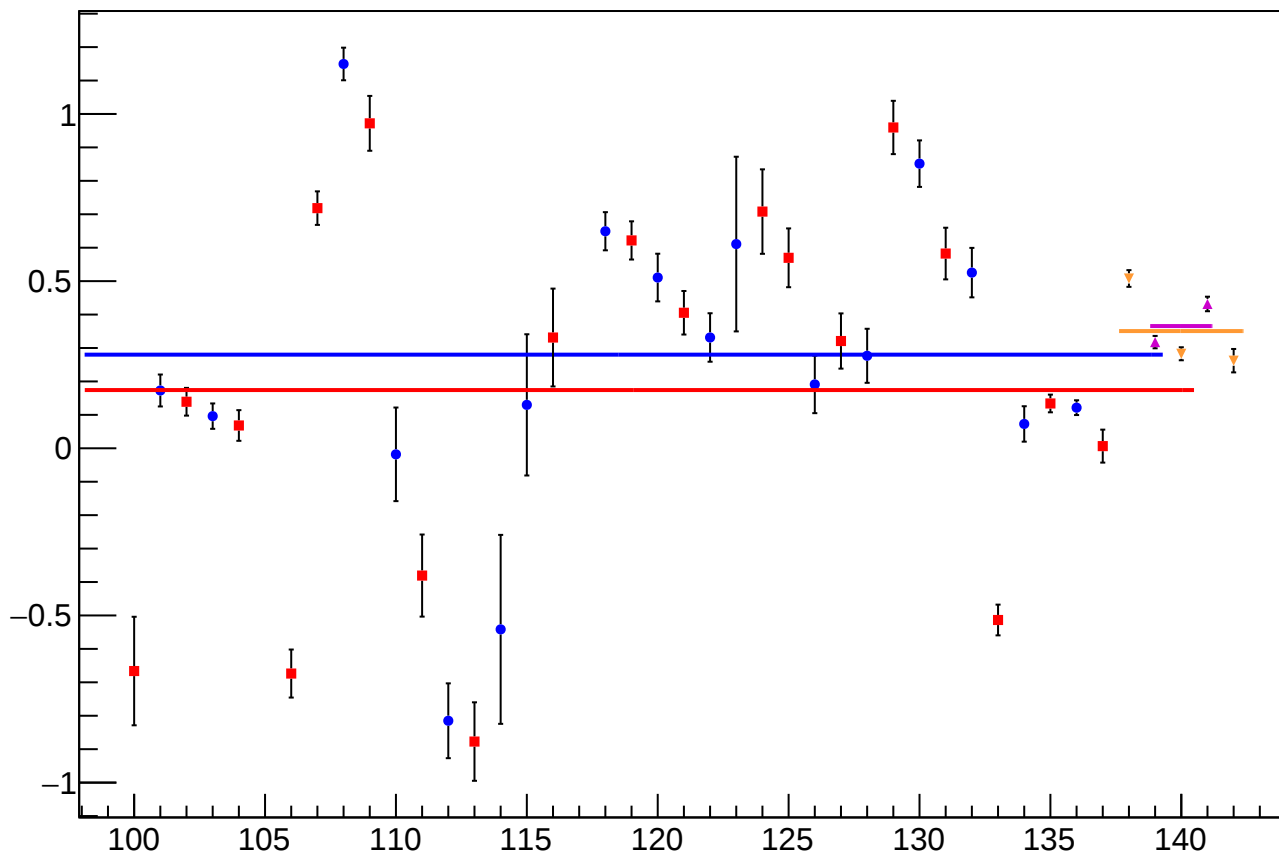
Right: -101.580+/-0.175 χ^2/NDF : 10631.4/35

In: -93.579+/-0.209 χ^2/NDF : 8983.4/18

Out: -92.744+/-0.193 χ^2/NDF : 10715.6/21

All: -93.128+/-0.142 χ^2/NDF : 19707.7/40

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: 0.351 ± 0.014 χ^2/NDF : 58.1/2

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.366 ± 0.014 χ^2/NDF : 15.9/1

Left: 0.358 ± 0.010 χ^2/NDF : 74.6/4

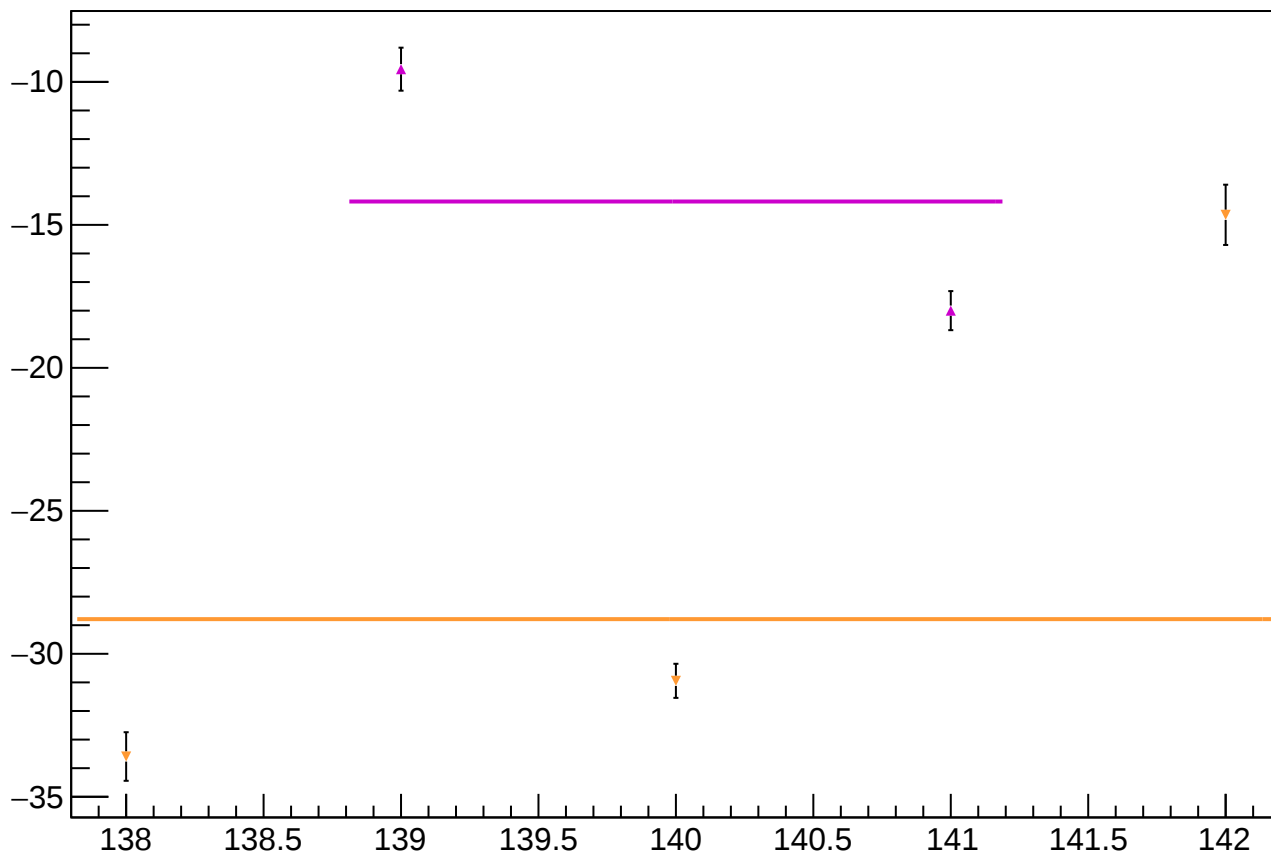
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.321 ± 0.010 χ^2/NDF : 691.5/18

Out: 0.258 ± 0.010 χ^2/NDF : 1104.4/21

All: 0.290 ± 0.007 χ^2/NDF : 1816.5/40

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: -28.788+/-0.443 χ^2/NDF : 225.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.183+/-0.506 χ^2/NDF : 69.1/1

Left: -22.450+/-0.333 χ^2/NDF : 766.4/4

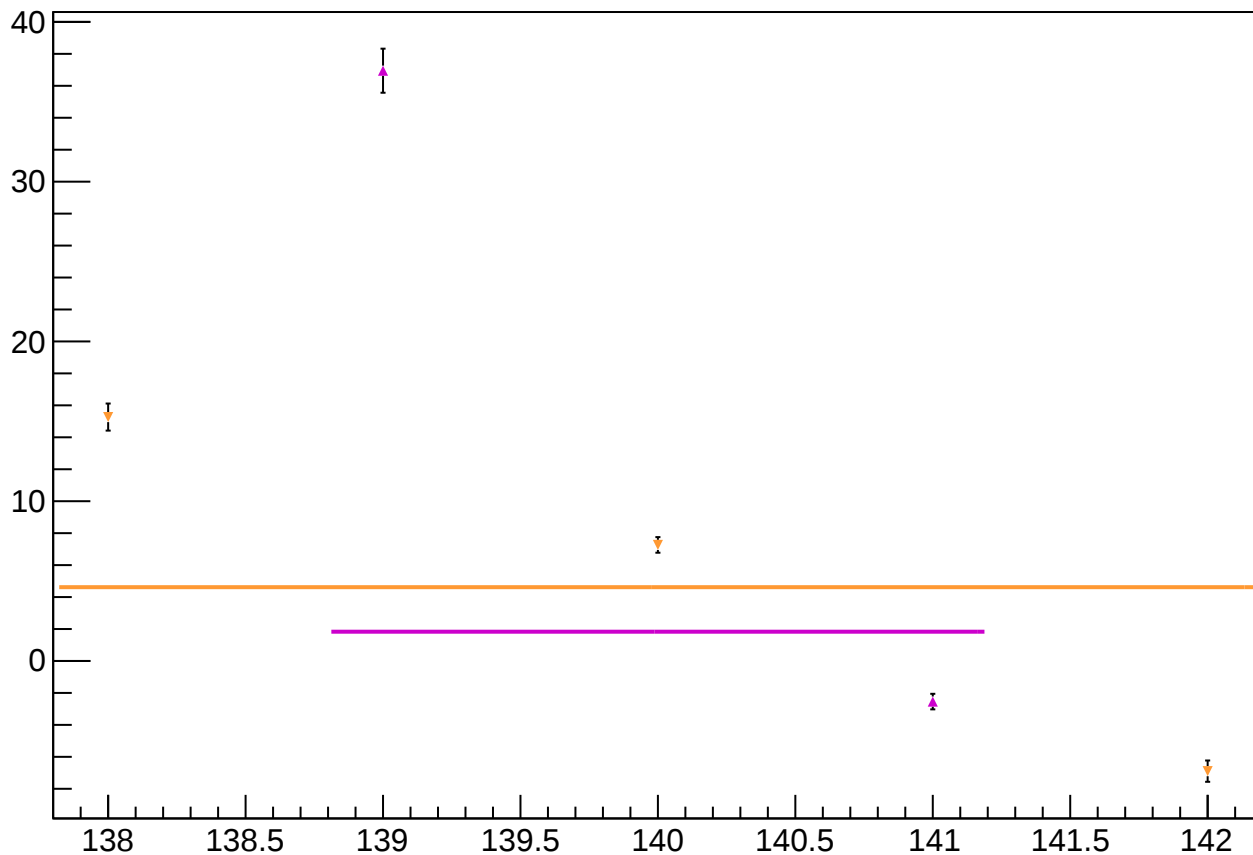
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.183+/-0.506 χ^2/NDF : 69.1/1

Out: -28.788+/-0.443 χ^2/NDF : 225.1/2

All: -22.450+/-0.333 χ^2/NDF : 766.4/4

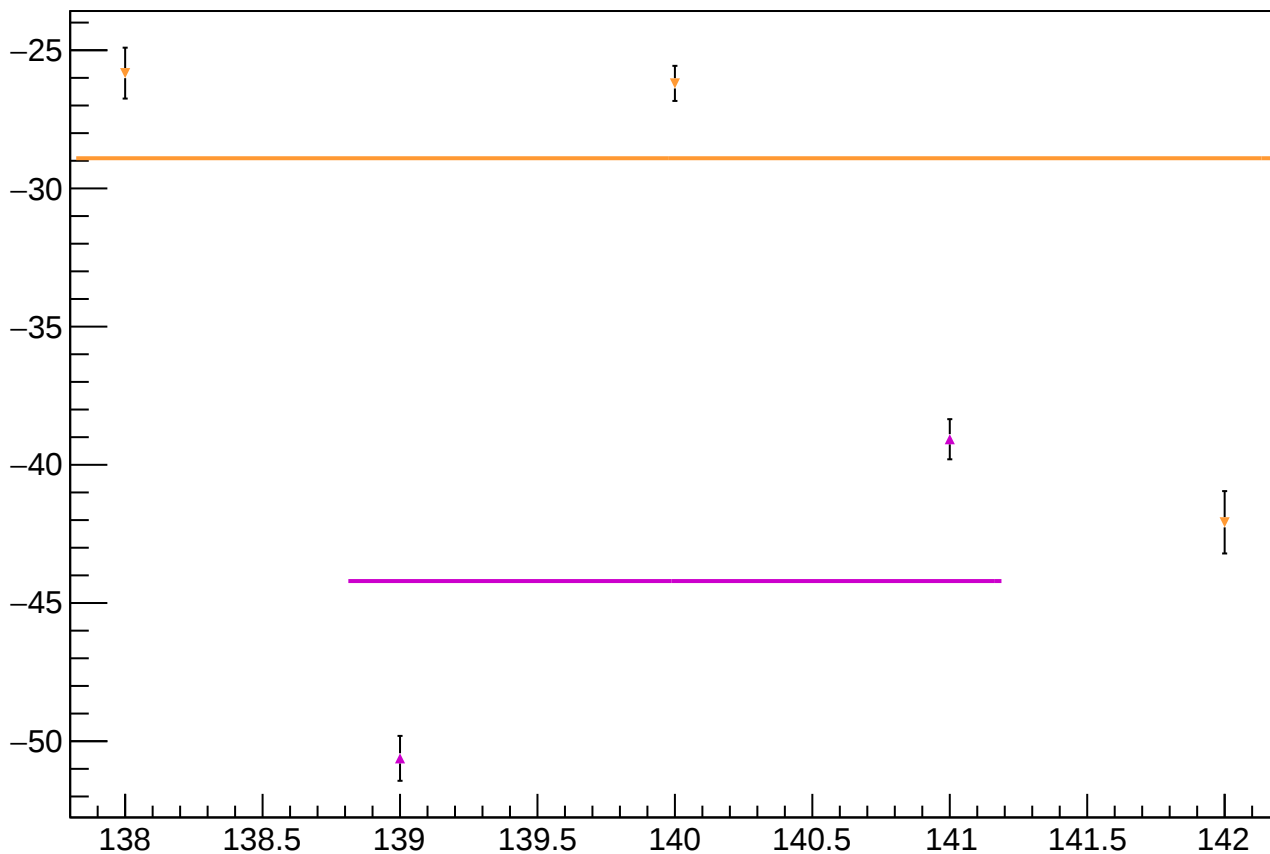
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.619+/-0.357 χ^2/NDF :485.7/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.832+/-0.459 χ^2/NDF :729.1/1

Left: 3.567+/-0.282 χ^2/NDF : 1237.7/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.832+/-0.459 χ^2/NDF :729.1/1
 Out: 4.619+/-0.357 χ^2/NDF :485.7/2
 All: 3.567+/-0.282 χ^2/NDF : 1237.7/4

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: -28.908+/-0.474 χ^2/NDF :165.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.206+/-0.541 χ^2/NDF :112.3/1

Left: -35.550+/-0.357 χ^2/NDF : 729.7/4

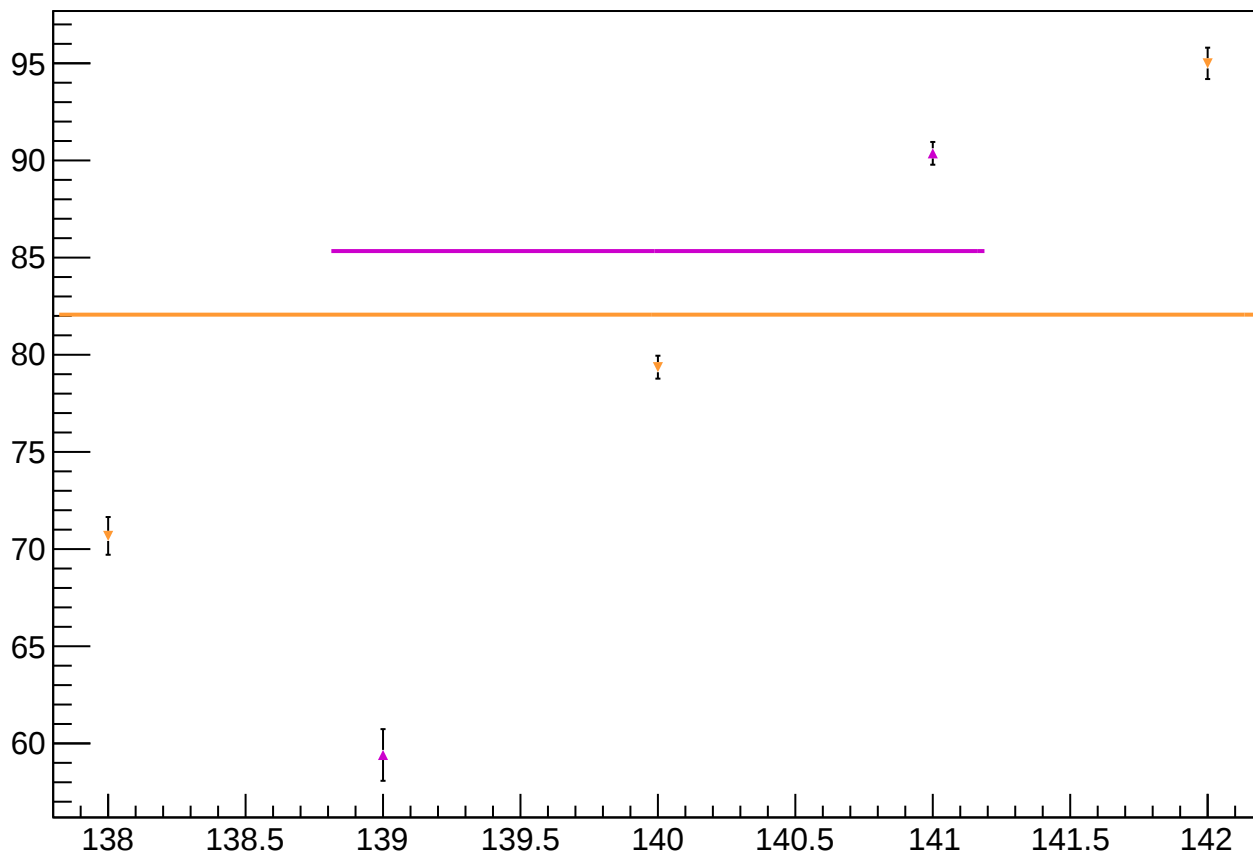
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.206+/-0.541 χ^2/NDF :112.3/1

Out: -28.908+/-0.474 χ^2/NDF :165.7/2

All: -35.550+/-0.357 χ^2/NDF : 729.7/4

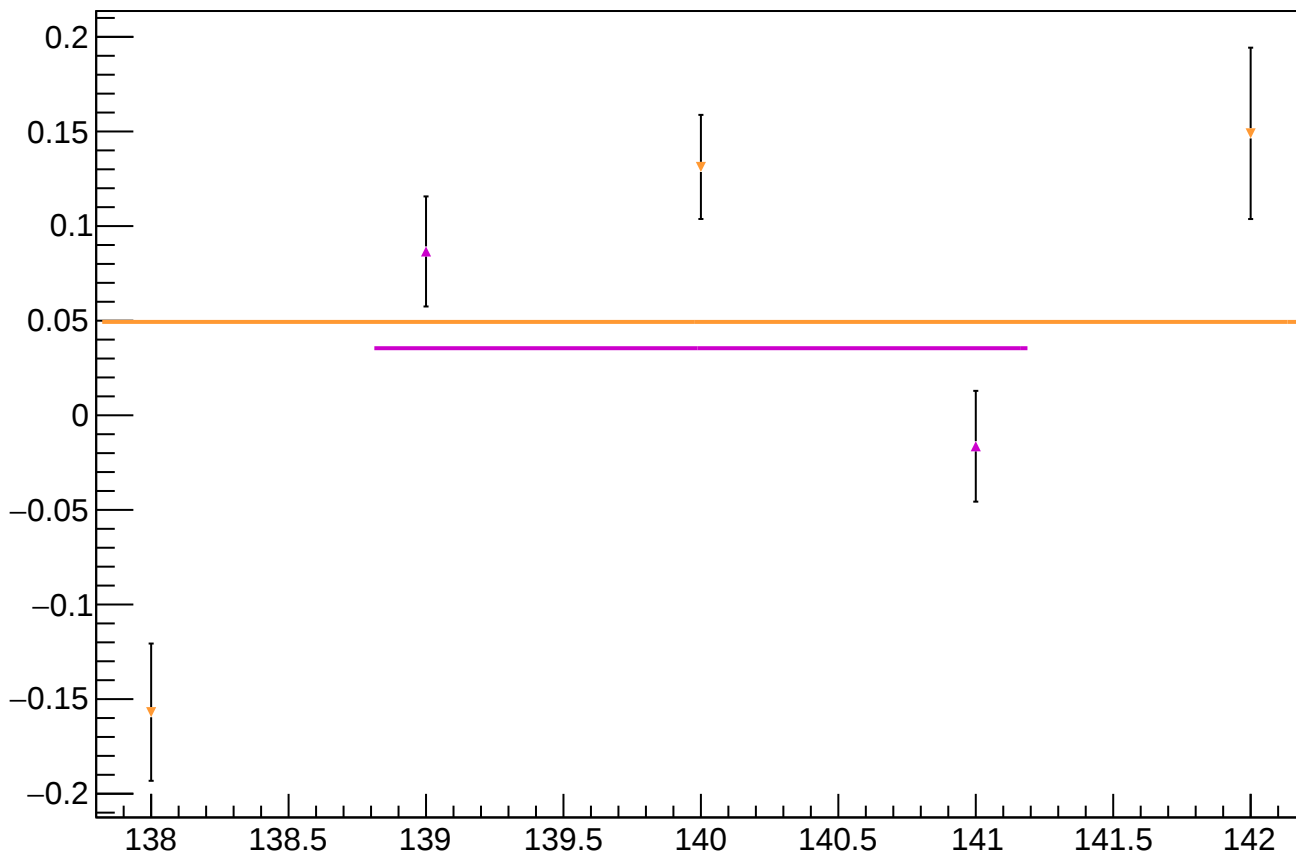
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 82.064+/-0.428 χ^2/NDF :415.2/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 85.336+/-0.536 χ^2/NDF :454.1/1

Left: 83.337+/-0.334 χ^2/NDF : 892.1/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 85.336+/-0.536 χ^2/NDF :454.1/1
 Out: 82.064+/-0.428 χ^2/NDF :415.2/2
 All: 83.337+/-0.334 χ^2/NDF : 892.1/4

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: 0.049 $\pm$ 0.020 χ^2 /NDF:46.0/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.035 $\pm$ 0.021 χ^2 /NDF:6.2/1

Left: 0.043 $\pm$ 0.014 χ^2 /NDF: 52.5/4

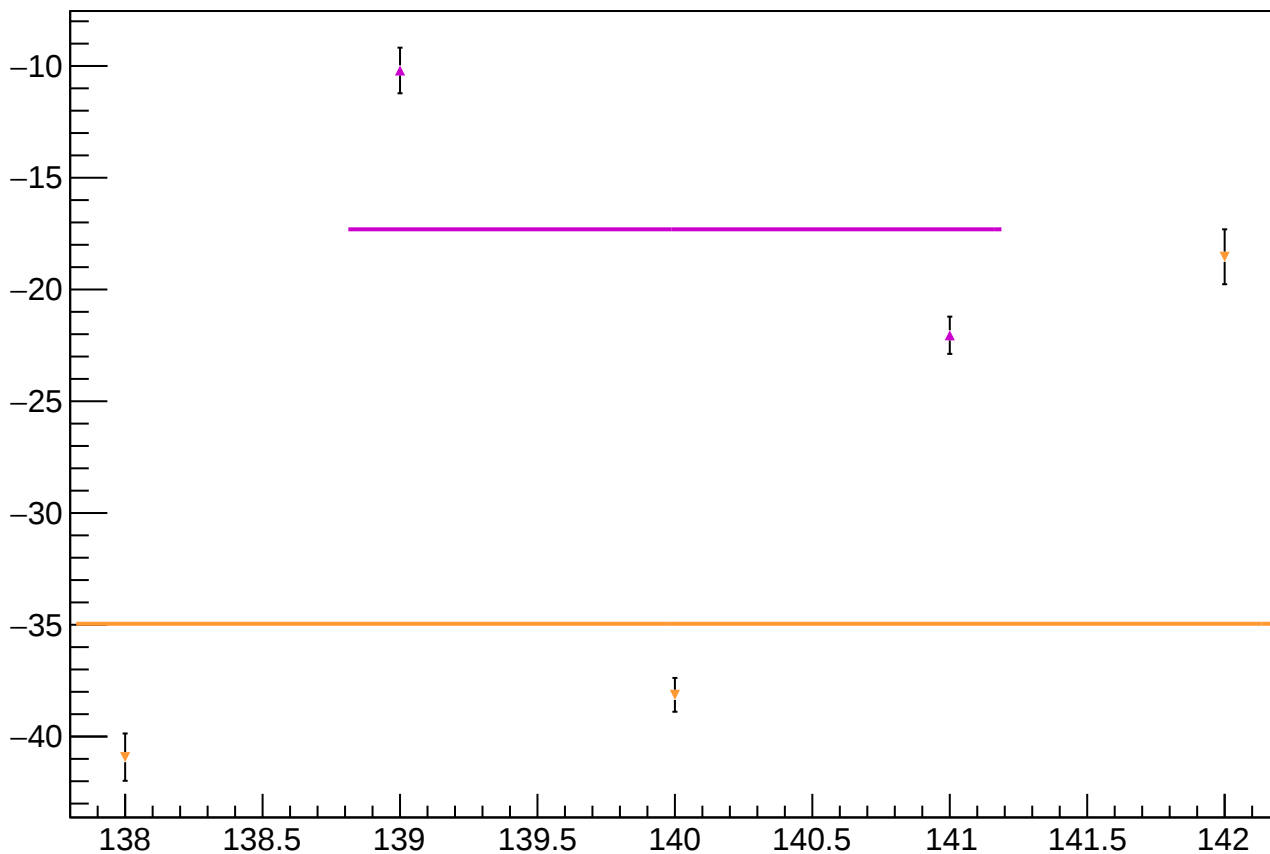
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.035 $\pm$ 0.021 χ^2 /NDF:6.2/1

Out: 0.049 $\pm$ 0.020 χ^2 /NDF:46.0/2

All: 0.043 $\pm$ 0.014 χ^2 /NDF: 52.5/4

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.955+/-0.550 χ^2/NDF :228.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.308+/-0.645 χ^2/NDF :80.9/1

Left: -27.522+/-0.419 χ^2/NDF : 741.8/4

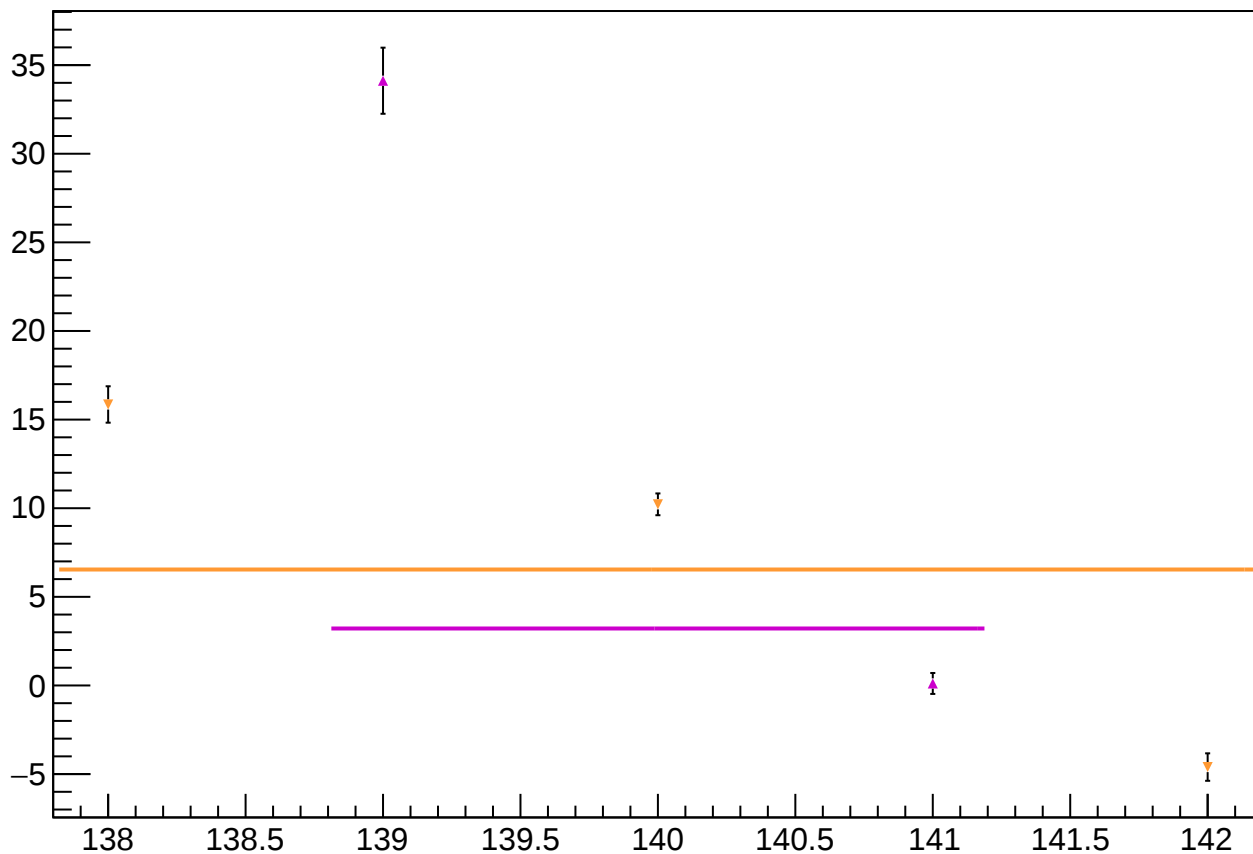
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.308+/-0.645 χ^2/NDF :80.9/1

Out: -34.955+/-0.550 χ^2/NDF :228.0/2

All: -27.522+/-0.419 χ^2/NDF : 741.8/4

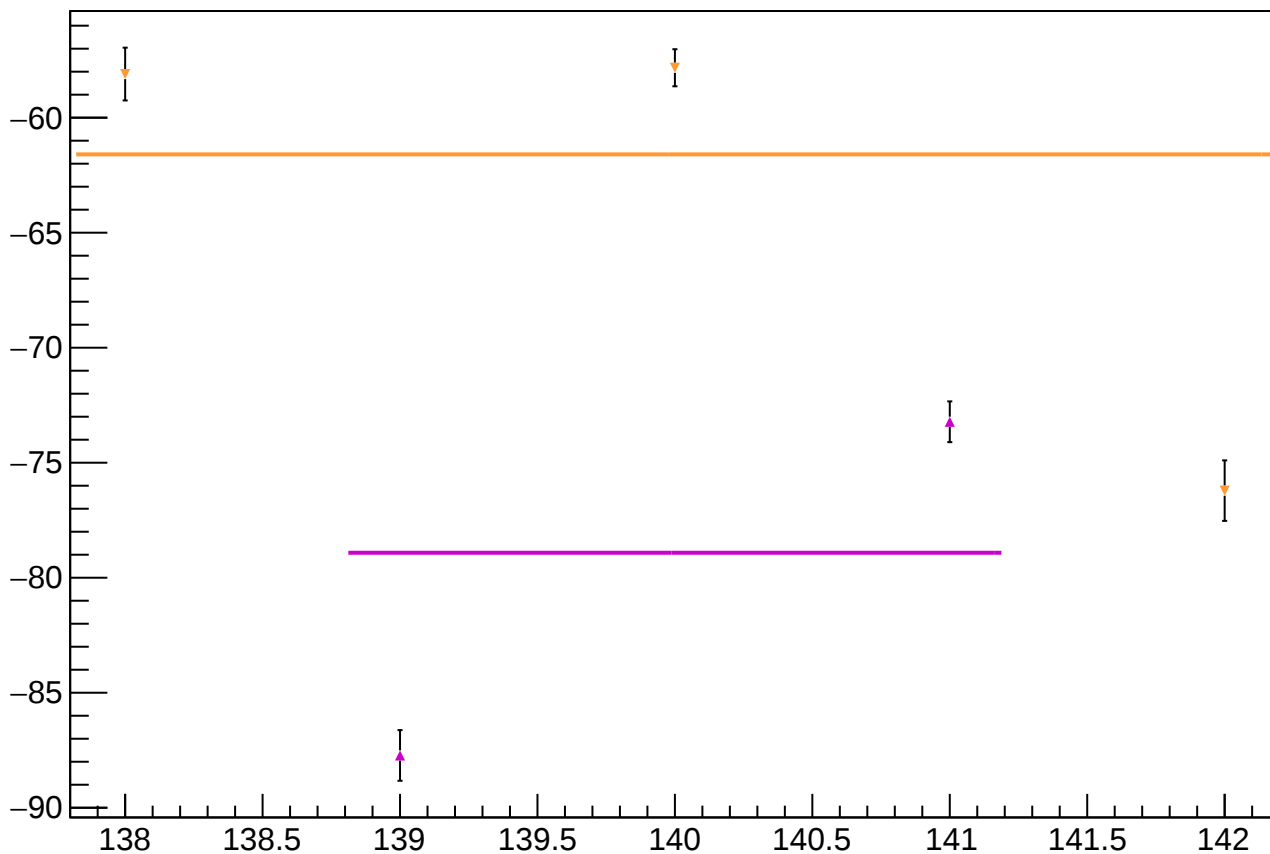
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.542+/-0.436 χ^2/NDF :324.9/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.214+/-0.563 χ^2/NDF :302.2/1

Left: 5.295+/-0.345 χ^2/NDF : 649.0/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.214+/-0.563 χ^2/NDF :302.2/1
 Out: 6.542+/-0.436 χ^2/NDF :324.9/2
 All: 5.295+/-0.345 χ^2/NDF : 649.0/4

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: -61.595+/-0.590 χ^2/NDF :154.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -78.914+/-0.690 χ^2/NDF :105.3/1

Left: -68.897+/-0.448 χ^2/NDF : 623.8/4

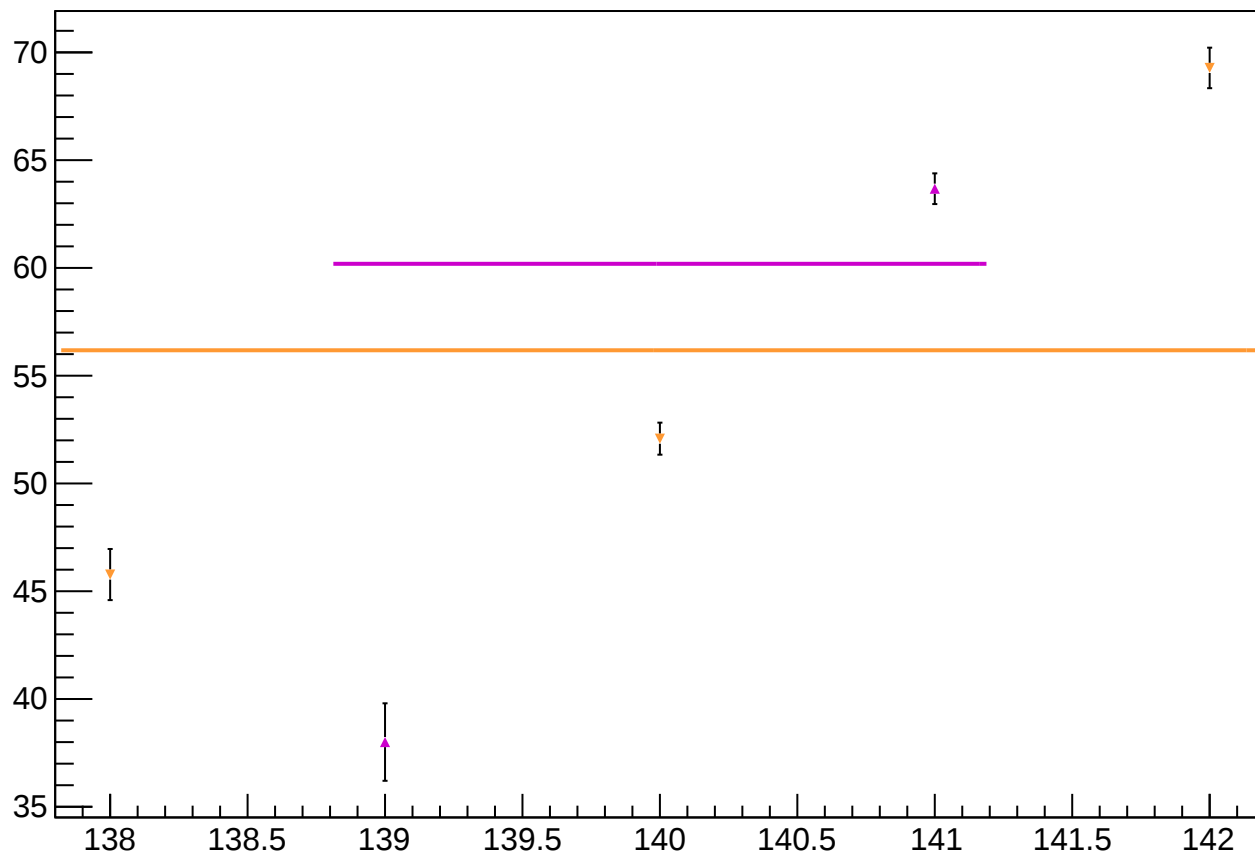
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.914+/-0.690 χ^2/NDF :105.3/1

Out: -61.595+/-0.590 χ^2/NDF :154.6/2

All: -68.897+/-0.448 χ^2/NDF : 623.8/4

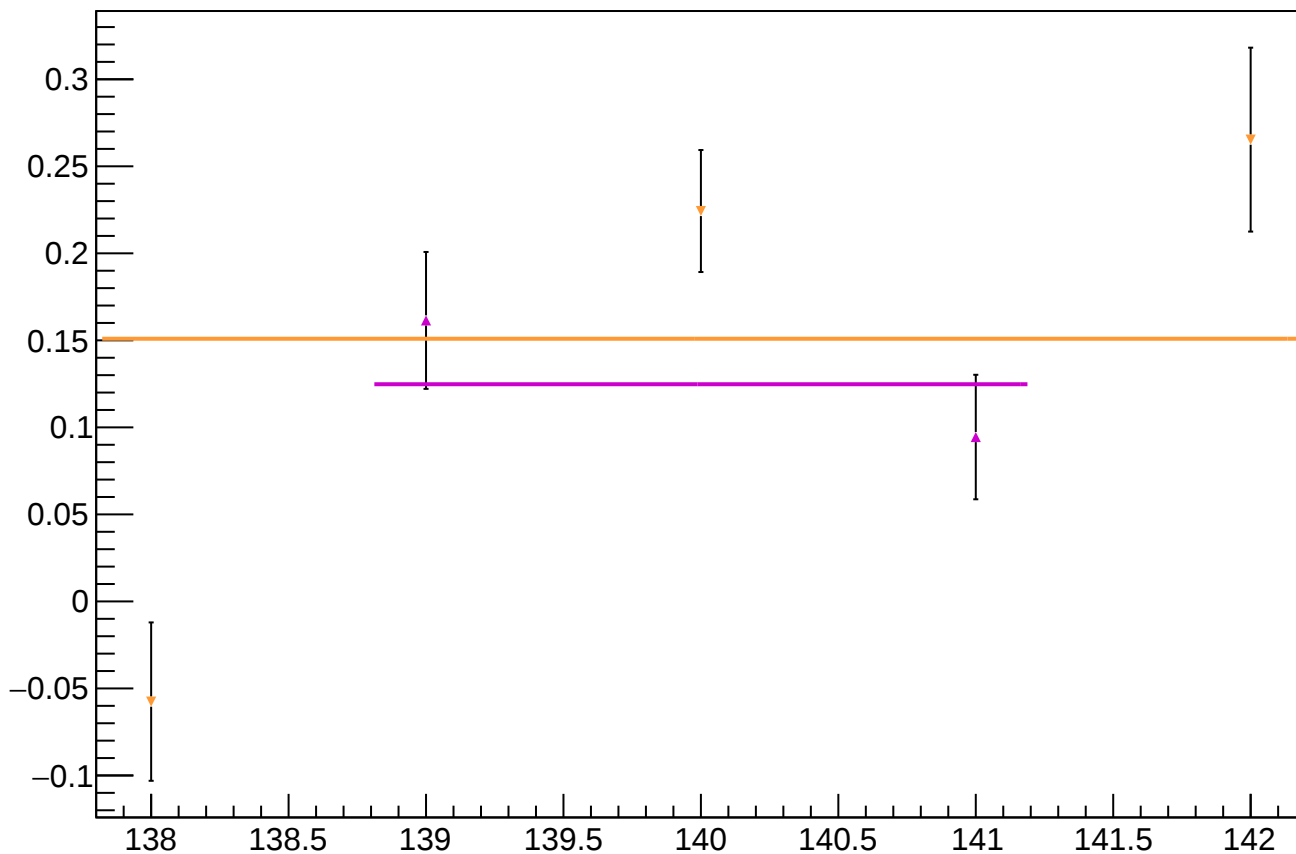
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 56.179+/-0.523 χ^2/NDF :301.7/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 60.191+/-0.662 χ^2/NDF :176.3/1

Left: 57.721+/-0.410 χ^2/NDF : 500.6/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 60.191+/-0.662 χ^2/NDF :176.3/1
 Out: 56.179+/-0.523 χ^2/NDF :301.7/2
 All: 57.721+/-0.410 χ^2/NDF : 500.6/4

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.151 $\pm$ 0.025 χ^2 /NDF:30.1/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.125 $\pm$ 0.026 χ^2 /NDF:1.6/1

Left: 0.139 $\pm$ 0.018 χ^2 /NDF: 32.2/4

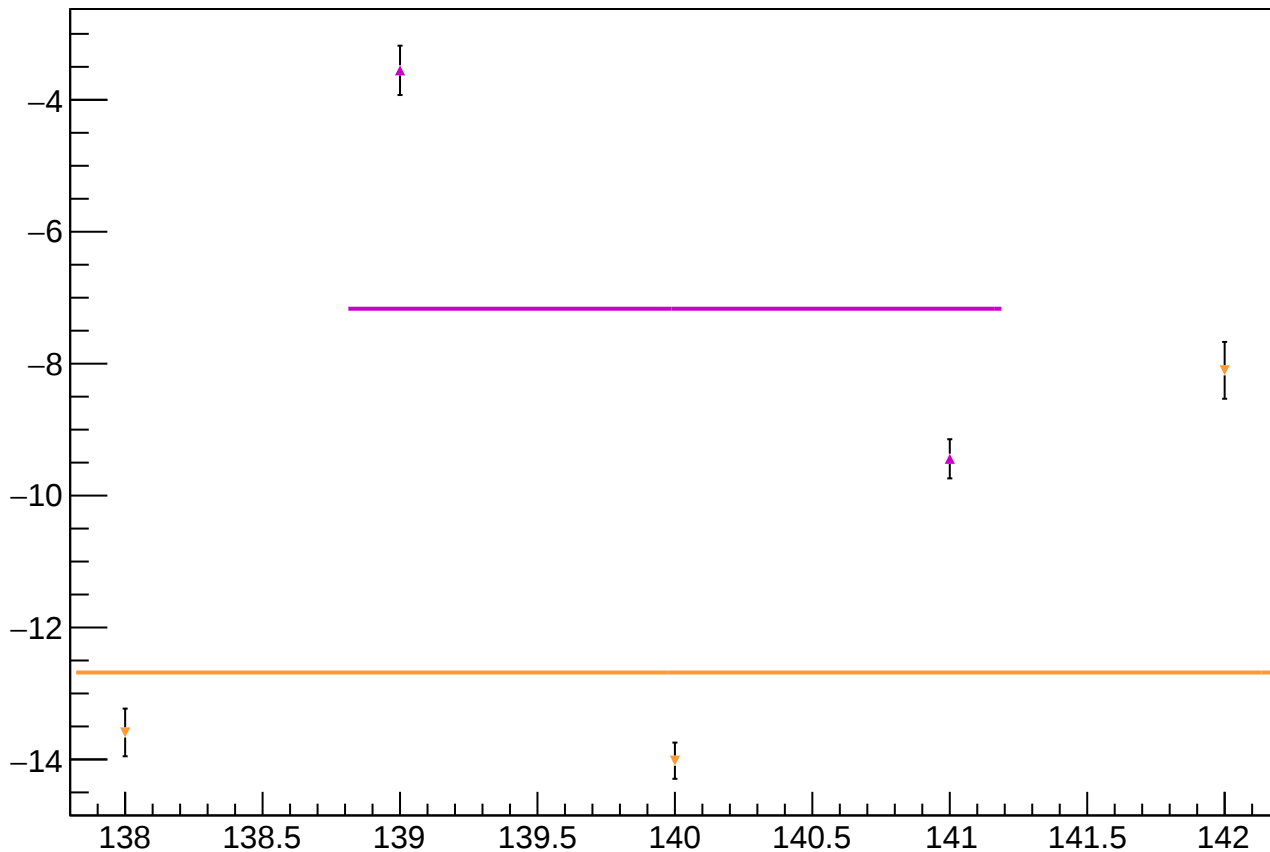
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.125 $\pm$ 0.026 χ^2 /NDF:1.6/1

Out: 0.151 $\pm$ 0.025 χ^2 /NDF:30.1/2

All: 0.139 $\pm$ 0.018 χ^2 /NDF: 32.2/4

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: -12.682+/-0.195 χ^2/NDF :143.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.167+/-0.233 χ^2/NDF :152.0/1

Left: -10.406+/-0.149 χ^2/NDF : 625.3/4

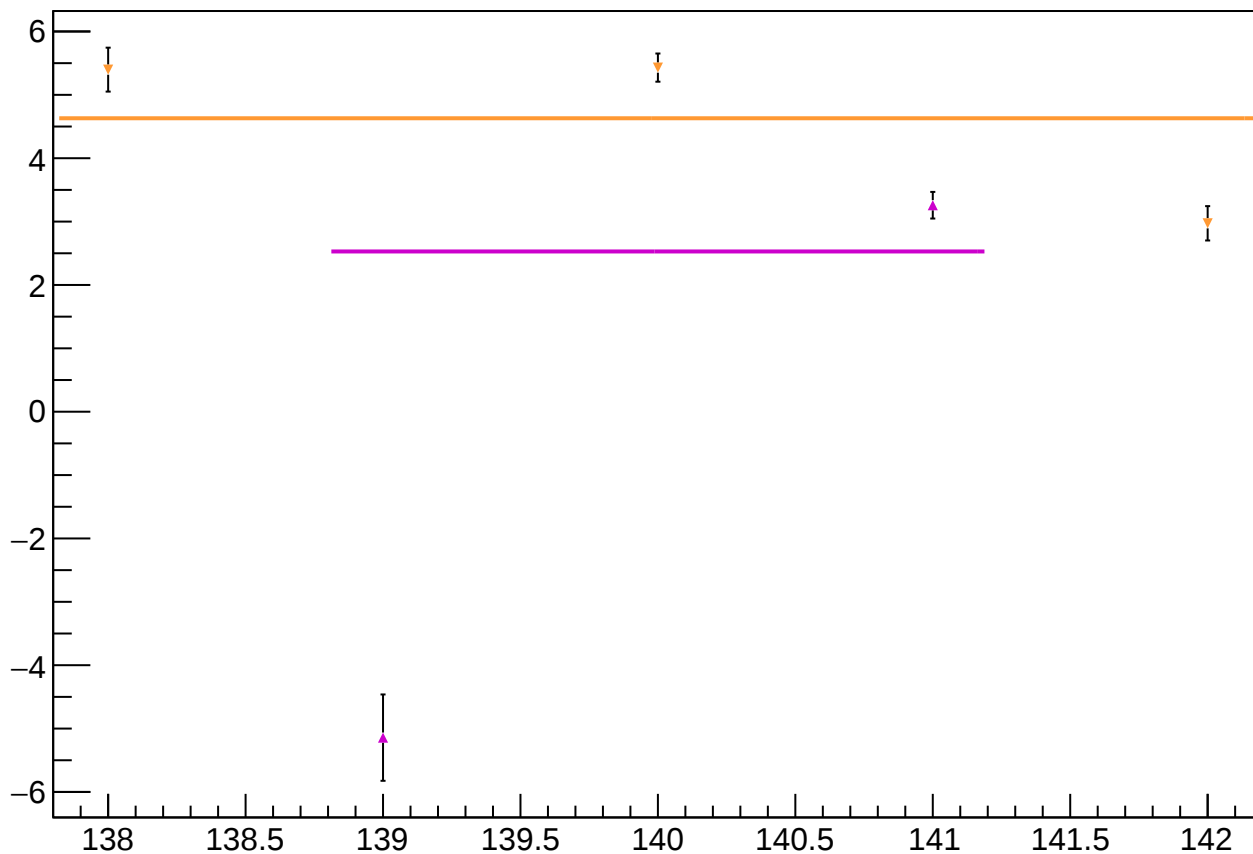
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.167+/-0.233 χ^2/NDF :152.0/1

Out: -12.682+/-0.195 χ^2/NDF :143.1/2

All: -10.406+/-0.149 χ^2/NDF : 625.3/4

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 4.630 $\pm$ 0.154 χ^2/NDF :55.2/2

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 2.529 $\pm$ 0.201 χ^2/NDF :138.9/1

Left: 3.852 $\pm$ 0.122 χ^2/NDF : 263.1/4

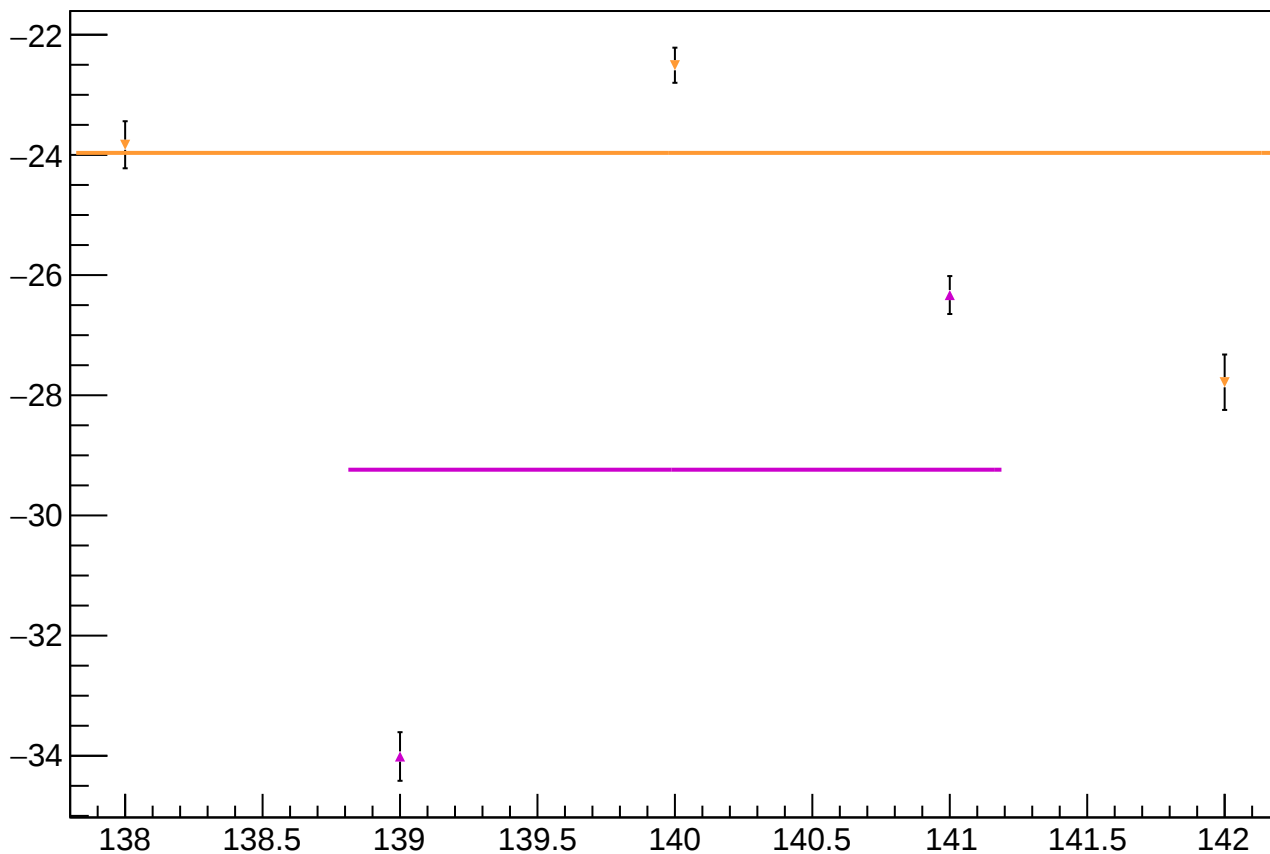
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 2.529 $\pm$ 0.201 χ^2/NDF :138.9/1

Out: 4.630 $\pm$ 0.154 χ^2/NDF :55.2/2

All: 3.852 $\pm$ 0.122 χ^2/NDF : 263.1/4

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: -23.966+/-0.209 χ^2/NDF : 93.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.239+/-0.249 χ^2/NDF : 223.9/1

Left: -26.145+/-0.160 χ^2/NDF : 580.8/4

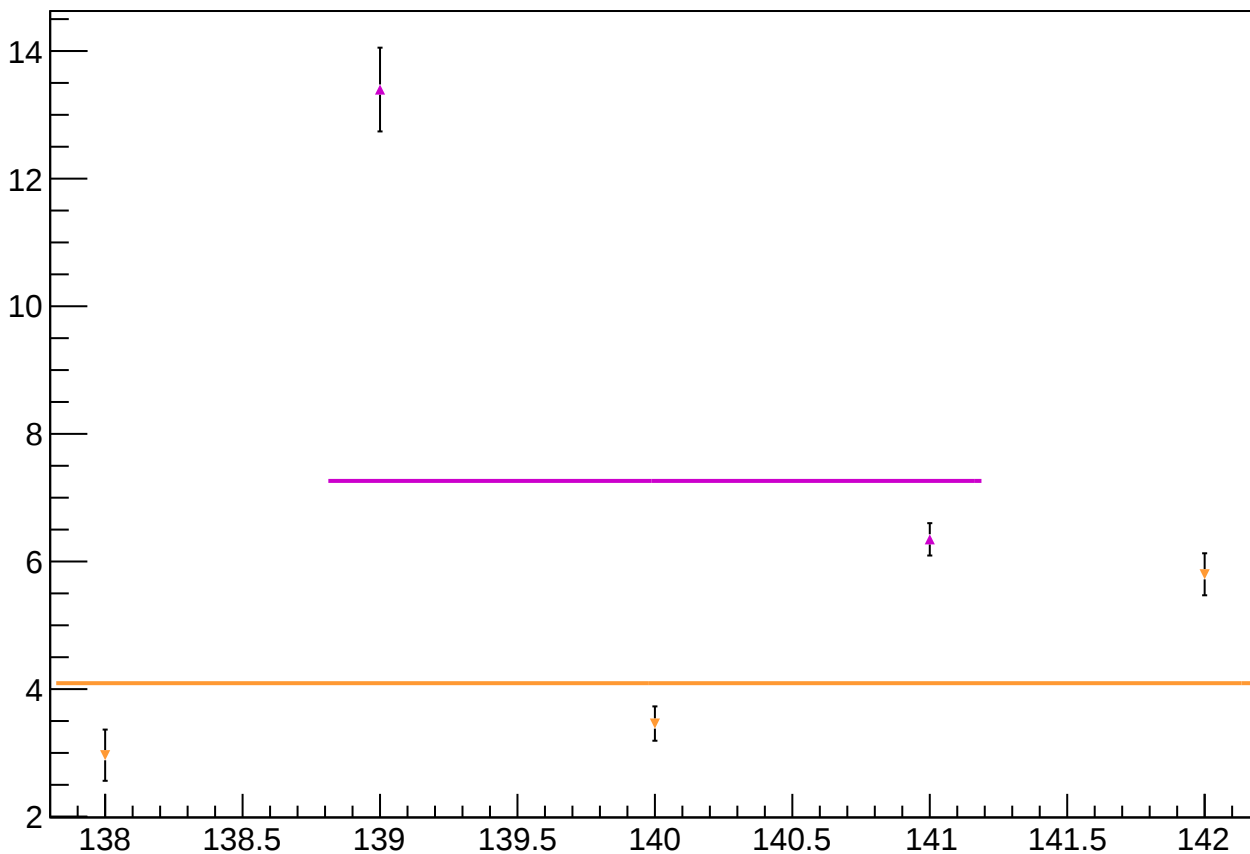
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.239+/-0.249 χ^2/NDF : 223.9/1

Out: -23.966+/-0.209 χ^2/NDF : 93.5/2

All: -26.145+/-0.160 χ^2/NDF : 580.8/4

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4.093+/-0.185 χ^2/NDF :40.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.263+/-0.237 χ^2/NDF :100.3/1

Left: 5.295+/-0.146 χ^2/NDF : 252.1/4

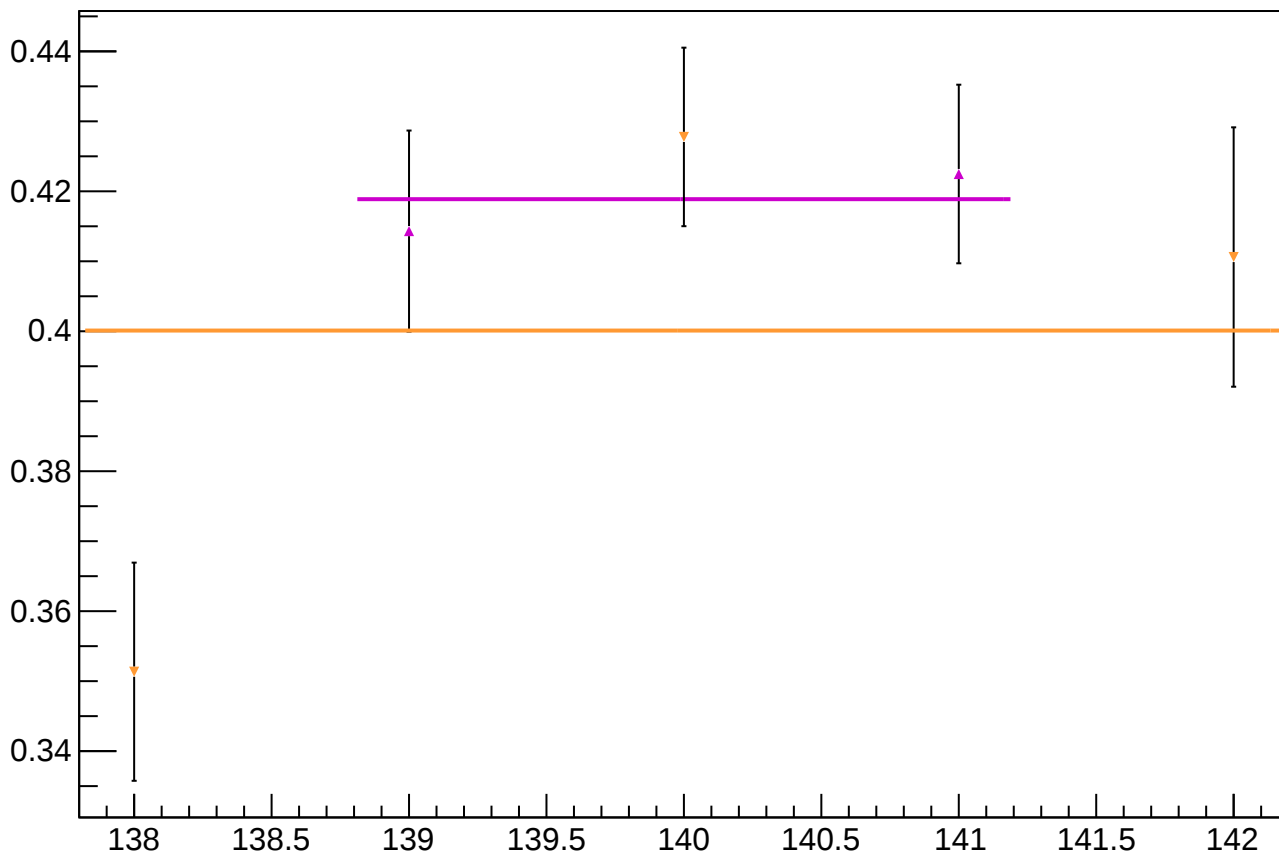
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.263+/-0.237 χ^2/NDF :100.3/1

Out: 4.093+/-0.185 χ^2/NDF :40.3/2

All: 5.295+/-0.146 χ^2/NDF : 252.1/4

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: 0.400+/-0.009 χ^2/NDF :14.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.419+/-0.010 χ^2/NDF :0.2/1

Left: 0.409+/-0.006 χ^2/NDF : 17.1/4

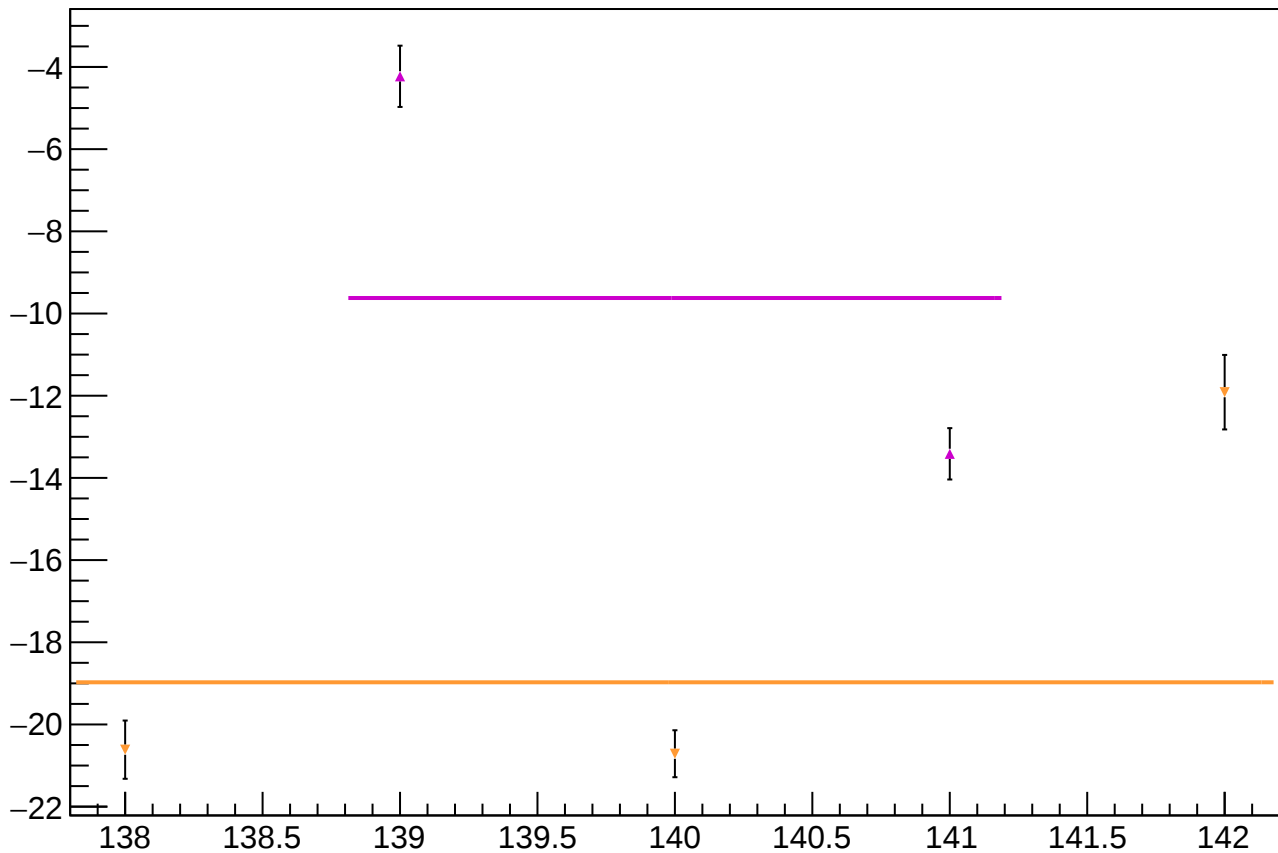
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.419+/-0.010 χ^2/NDF :0.2/1

Out: 0.400+/-0.009 χ^2/NDF :14.8/2

All: 0.409+/-0.006 χ^2/NDF : 17.1/4

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: -18.974+/-0.399 χ^2/NDF : 75.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.622+/-0.479 χ^2/NDF : 89.2/1

Left: -15.139+/-0.307 χ^2/NDF : 389.3/4

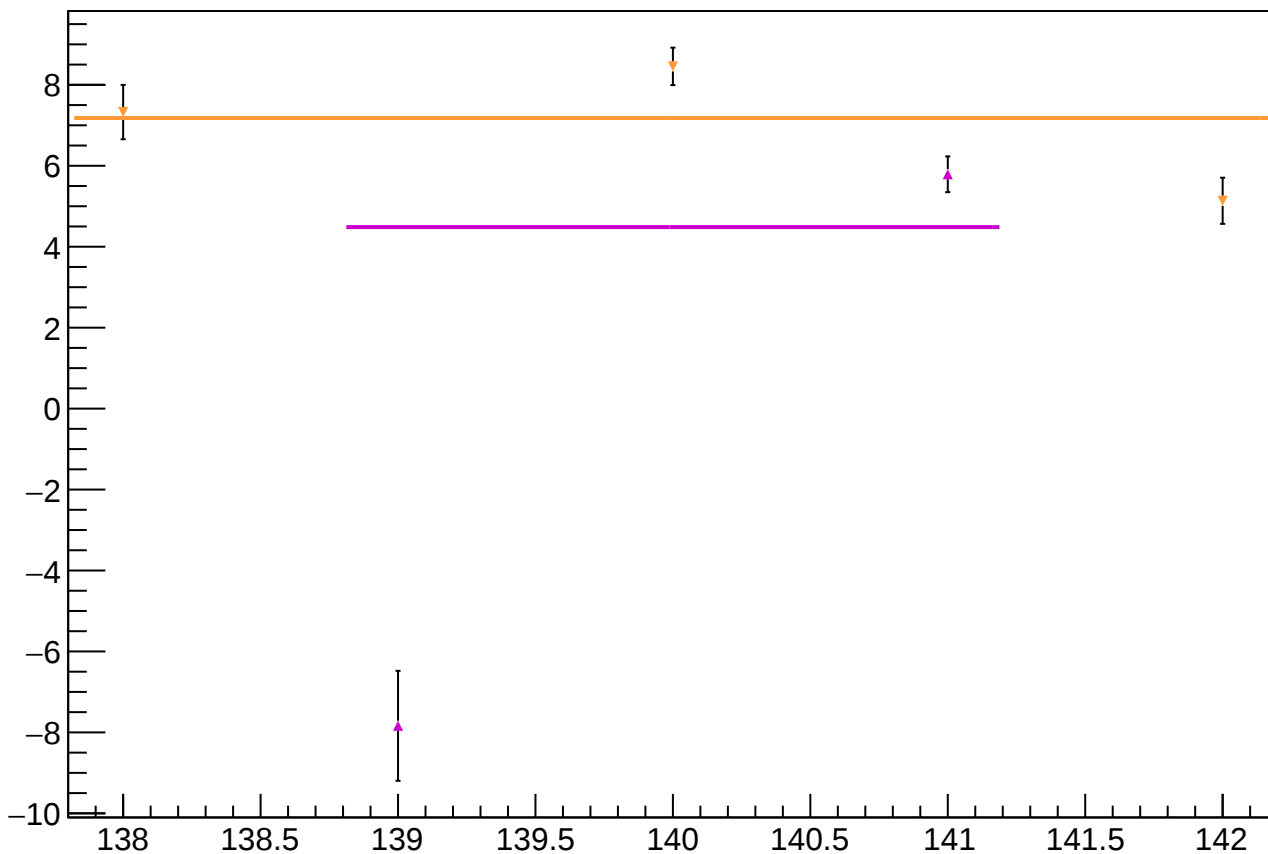
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.622+/-0.479 χ^2/NDF : 89.2/1

Out: -18.974+/-0.399 χ^2/NDF : 75.2/2

All: -15.139+/-0.307 χ^2/NDF : 389.3/4

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 7.180 $\pm$ 0.317 χ^2 /NDF:20.5/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 4.485 $\pm$ 0.420 χ^2 /NDF:91.0/1

Left: 6.204 $\pm$ 0.253 χ^2 /NDF: 137.7/4

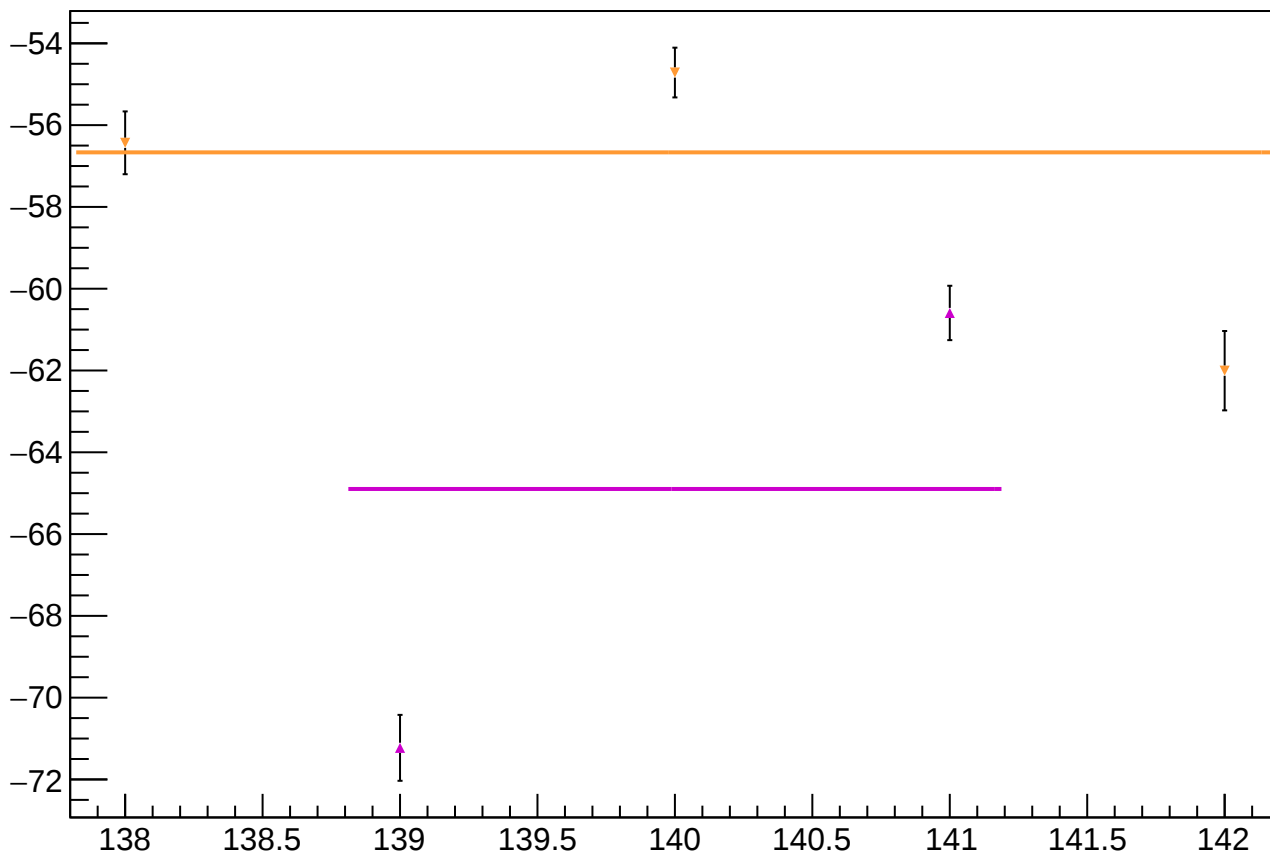
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 4.485 $\pm$ 0.420 χ^2 /NDF:91.0/1

Out: 7.180 $\pm$ 0.317 χ^2 /NDF:20.5/2

All: 6.204 $\pm$ 0.253 χ^2 /NDF: 137.7/4

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: -56.666+/-0.428 χ^2/NDF :40.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -64.897+/-0.513 χ^2/NDF :103.6/1

Left: -60.045+/-0.329 χ^2/NDF : 296.2/4

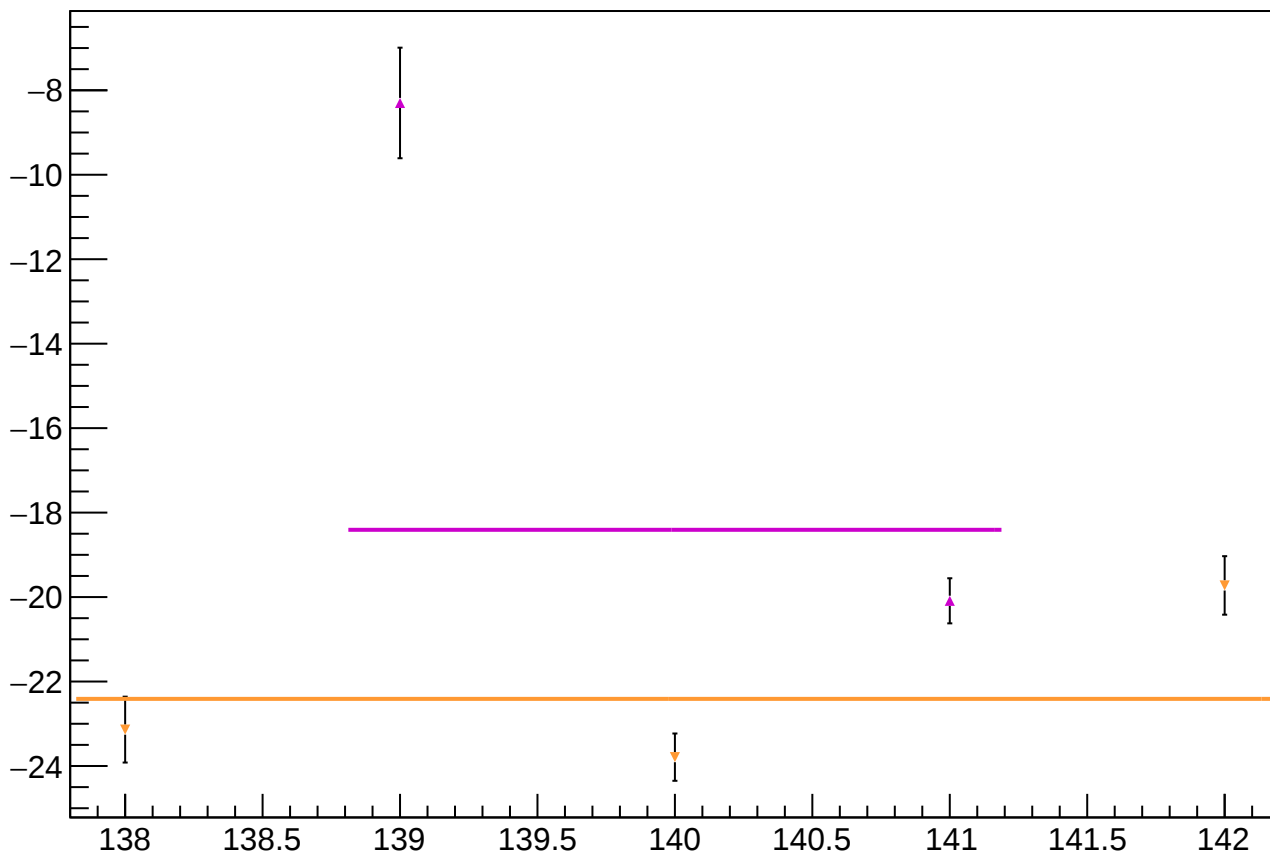
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.897+/-0.513 χ^2/NDF :103.6/1

Out: -56.666+/-0.428 χ^2/NDF :40.7/2

All: -60.045+/-0.329 χ^2/NDF : 296.2/4

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: -22.411+/-0.380 χ^2 /NDF:22.0/2

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -18.407+/-0.494 χ^2 /NDF:69.5/1

Left: -20.923+/-0.301 χ^2 /NDF: 132.7/4

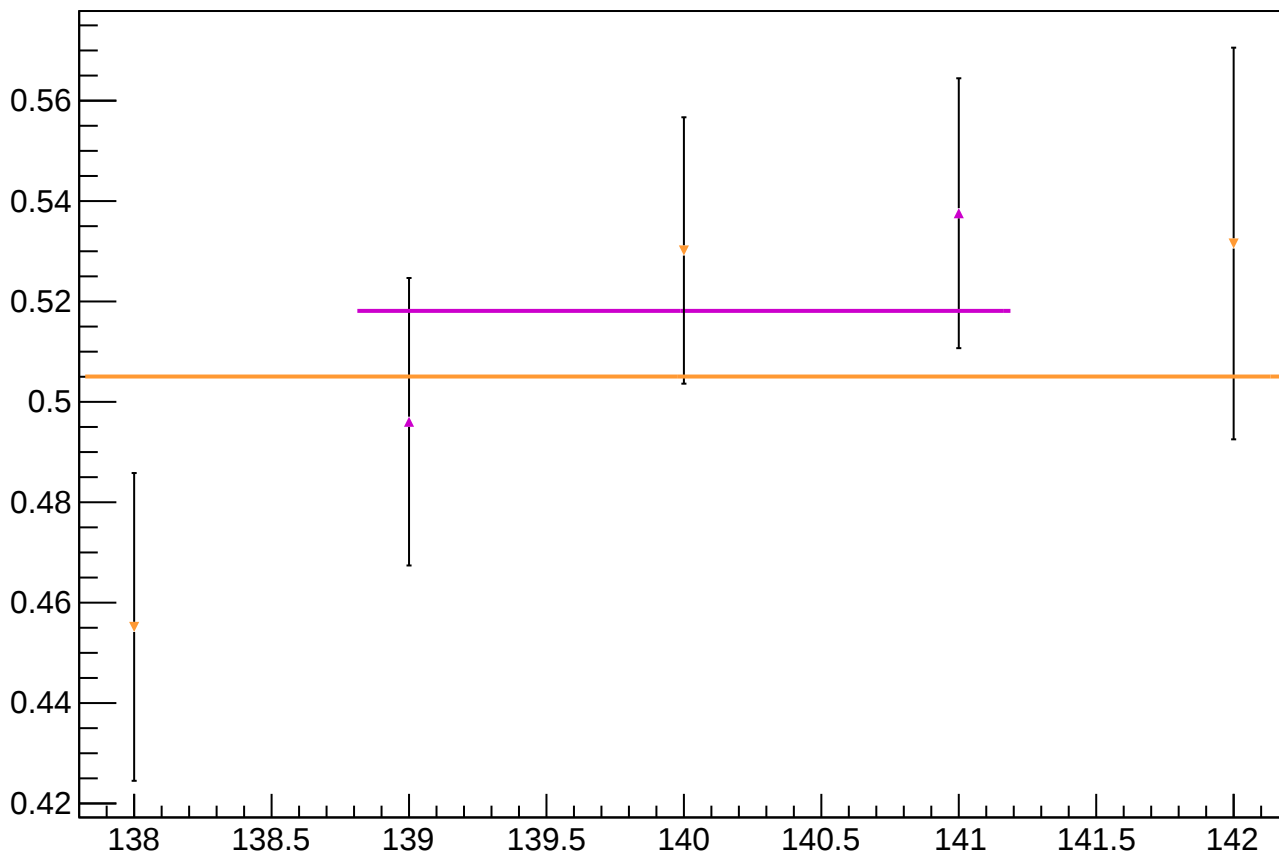
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -18.407+/-0.494 χ^2 /NDF:69.5/1

Out: -22.411+/-0.380 χ^2 /NDF:22.0/2

All: -20.923+/-0.301 χ^2 /NDF: 132.7/4

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: 0.505+/-0.018 χ^2/NDF : 4.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.518+/-0.020 χ^2/NDF : 1.1/1

Left: 0.511+/-0.013 χ^2/NDF : 5.4/4

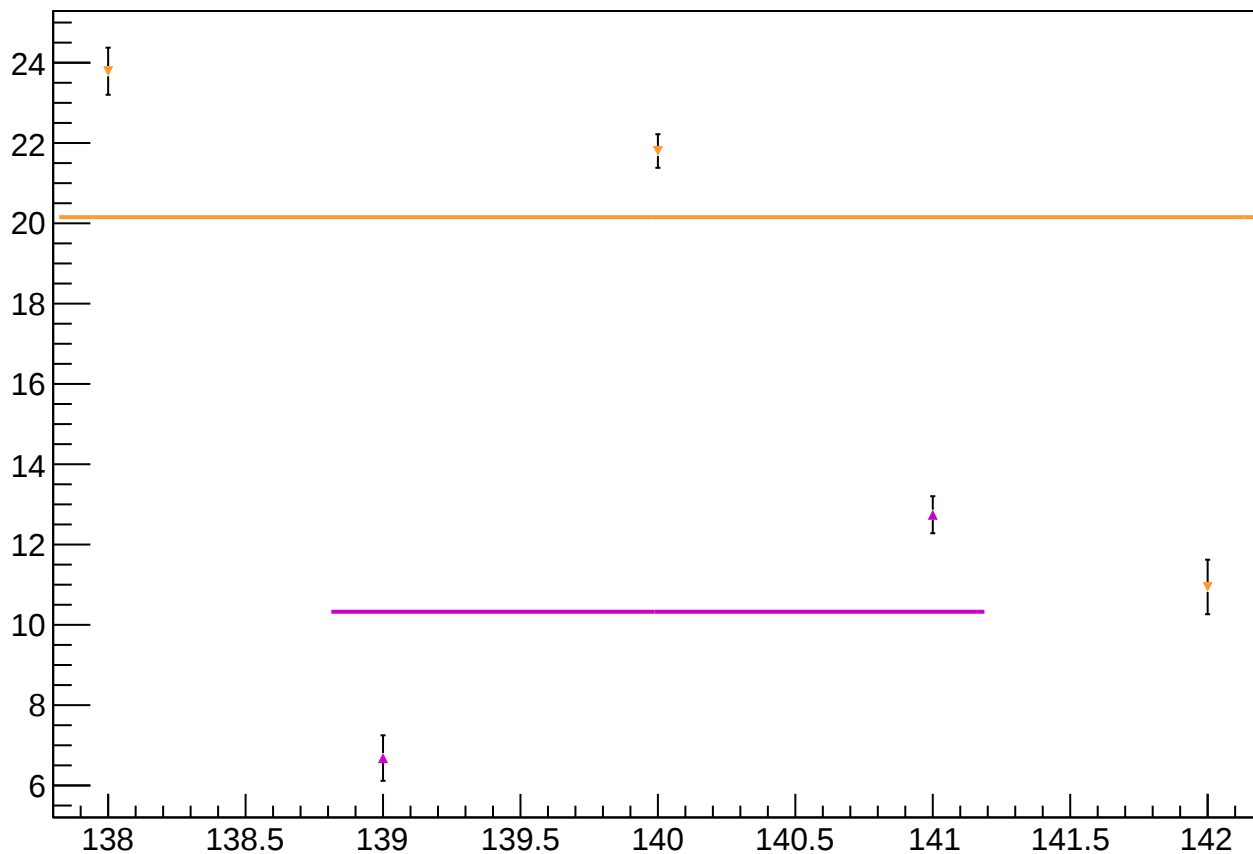
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.518+/-0.020 χ^2/NDF : 1.1/1

Out: 0.505+/-0.018 χ^2/NDF : 4.0/2

All: 0.511+/-0.013 χ^2/NDF : 5.4/4

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: 20.154+/-0.304 χ^2/NDF :237.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.327+/-0.358 χ^2/NDF :68.8/1

Left: 16.024+/-0.232 χ^2/NDF : 744.5/4

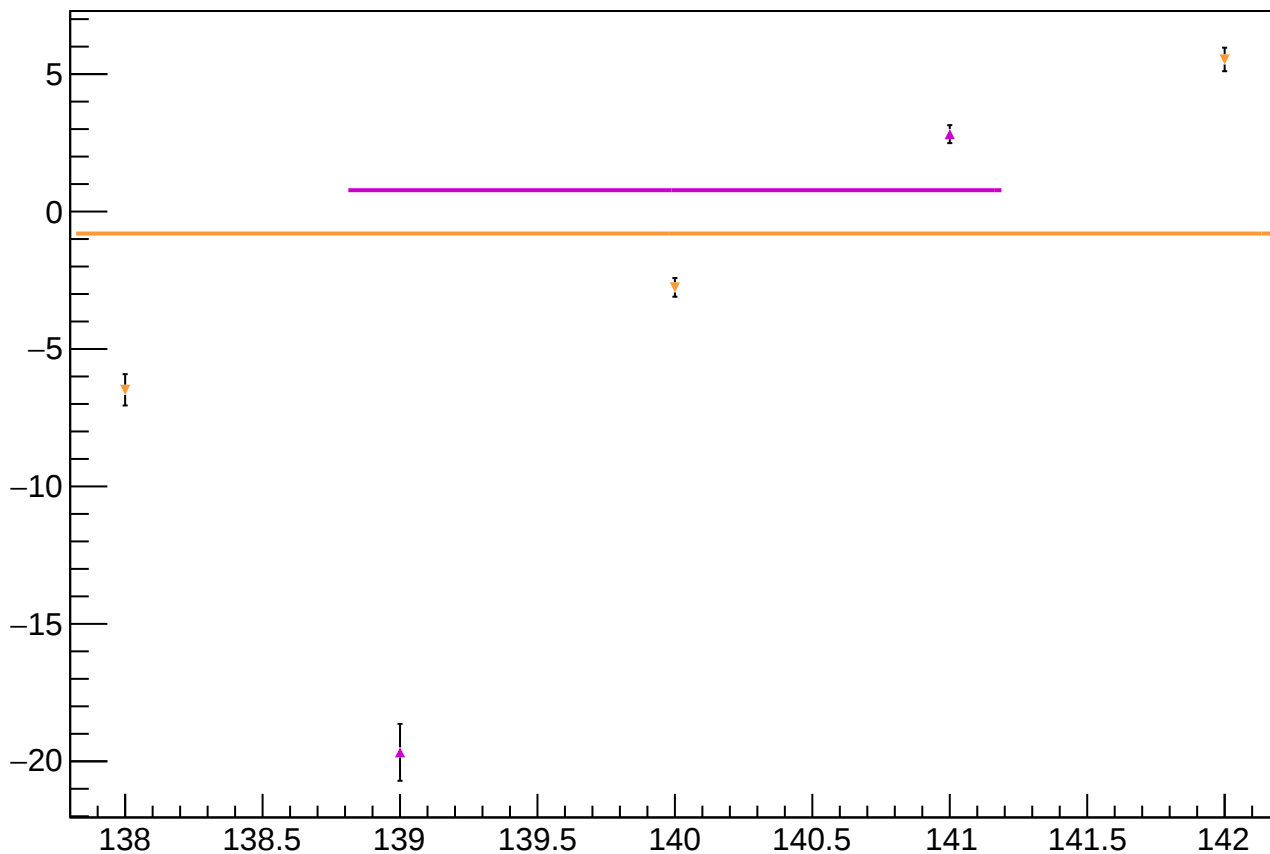
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.327+/-0.358 χ^2/NDF :68.8/1

Out: 20.154+/-0.304 χ^2/NDF :237.8/2

All: 16.024+/-0.232 χ^2/NDF : 744.5/4

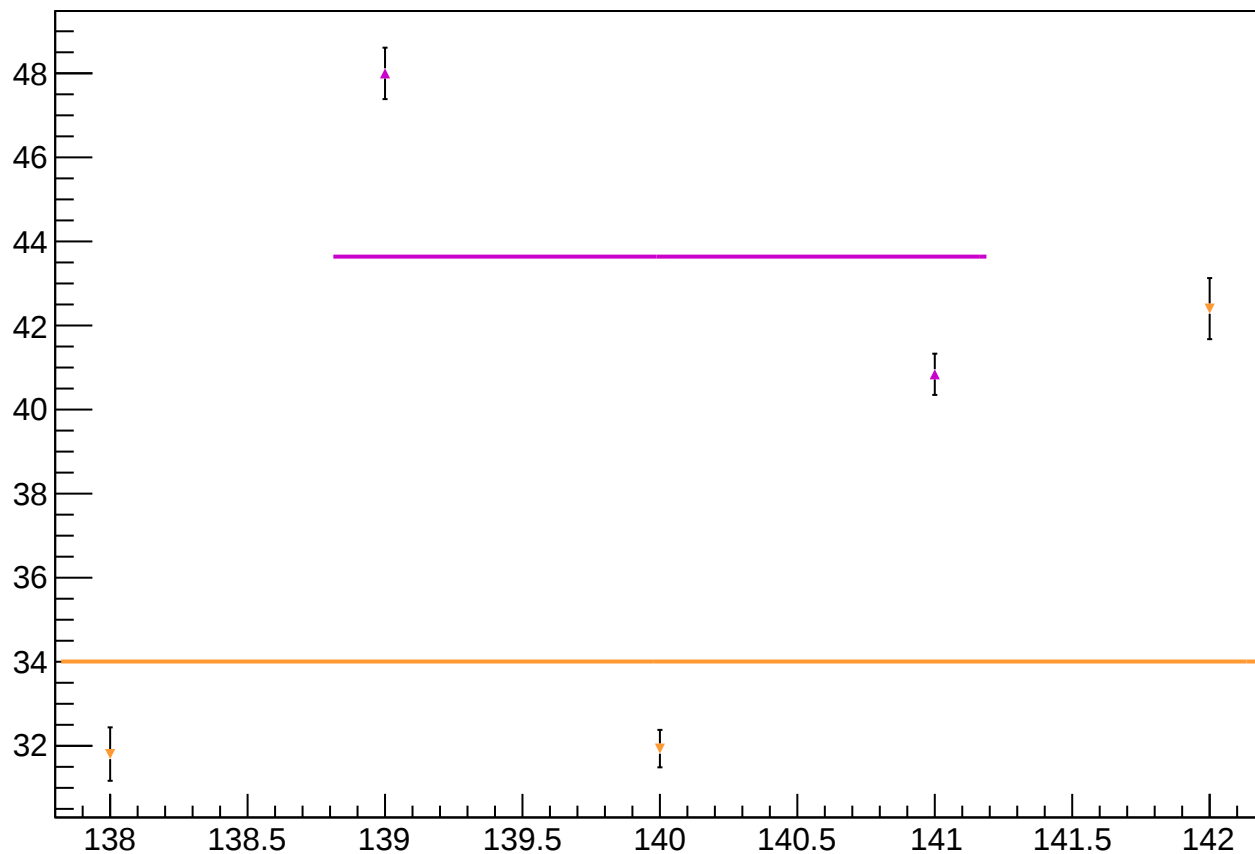
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.800+/-0.241 χ^2/NDF :351.9/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.777+/-0.312 χ^2/NDF :429.1/1

Left: -0.210+/-0.191 χ^2/NDF : 797.0/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.777+/-0.312 χ^2/NDF :429.1/1
 Out: -0.800+/-0.241 χ^2/NDF :351.9/2
 All: -0.210+/-0.191 χ^2/NDF : 797.0/4

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: 34.006+/-0.326 χ^2/NDF :167.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 43.639+/-0.383 χ^2/NDF :83.3/1

Left: 38.058+/-0.248 χ^2/NDF : 617.5/4

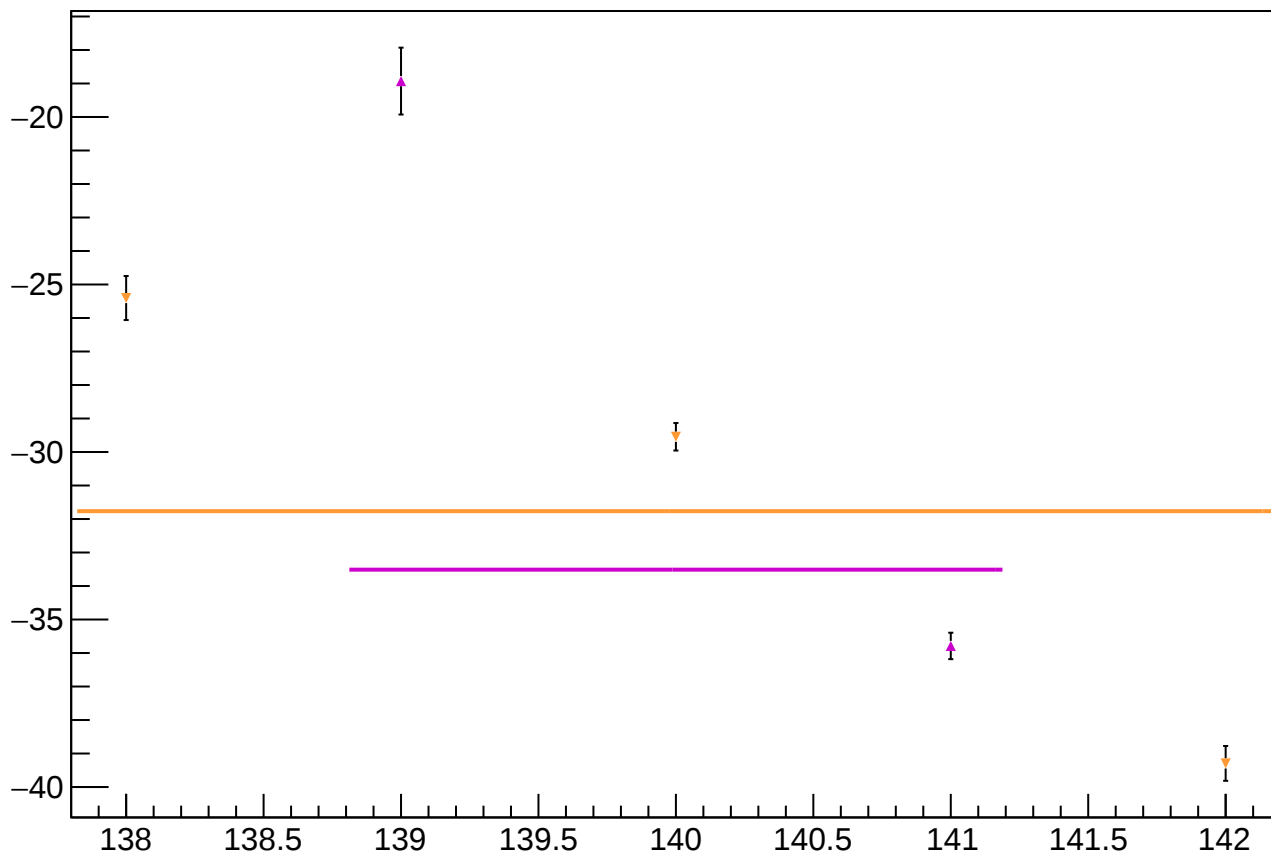
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 43.639+/-0.383 χ^2/NDF :83.3/1

Out: 34.006+/-0.326 χ^2/NDF :167.1/2

All: 38.058+/-0.248 χ^2/NDF : 617.5/4

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -31.766 ± 0.289 $\chi^2/\text{NDF}: 333.1/2$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -33.512 ± 0.367 $\chi^2/\text{NDF}: 246.9/1$

Left: -32.436 ± 0.227 $\chi^2/\text{NDF}: 594.0/4$

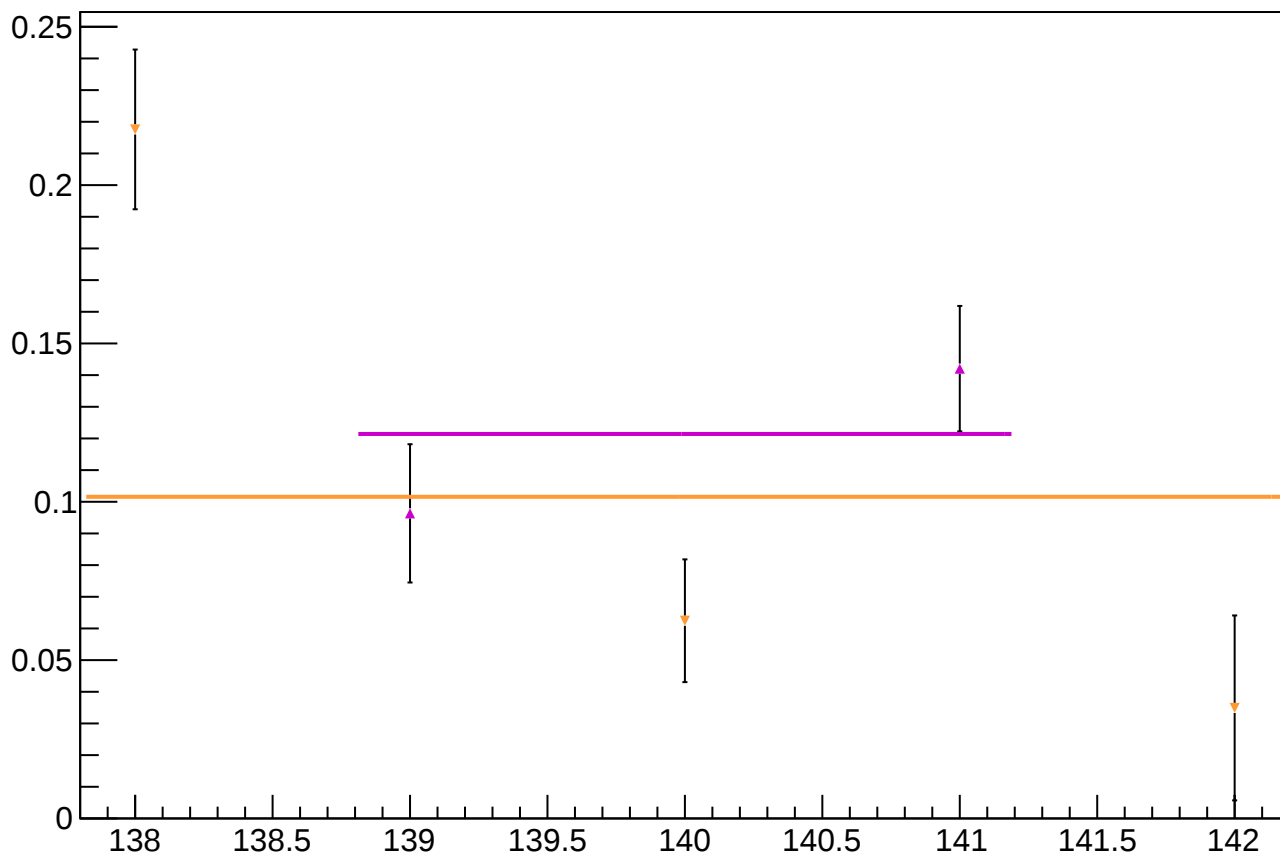
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -33.512 ± 0.367 $\chi^2/\text{NDF}: 246.9/1$

Out: -31.766 ± 0.289 $\chi^2/\text{NDF}: 333.1/2$

All: -32.436 ± 0.227 $\chi^2/\text{NDF}: 594.0/4$

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.102+/-0.014 χ^2/NDF :30.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.121+/-0.015 χ^2/NDF :2.4/1

Left: 0.111+/-0.010 χ^2/NDF : 33.8/4

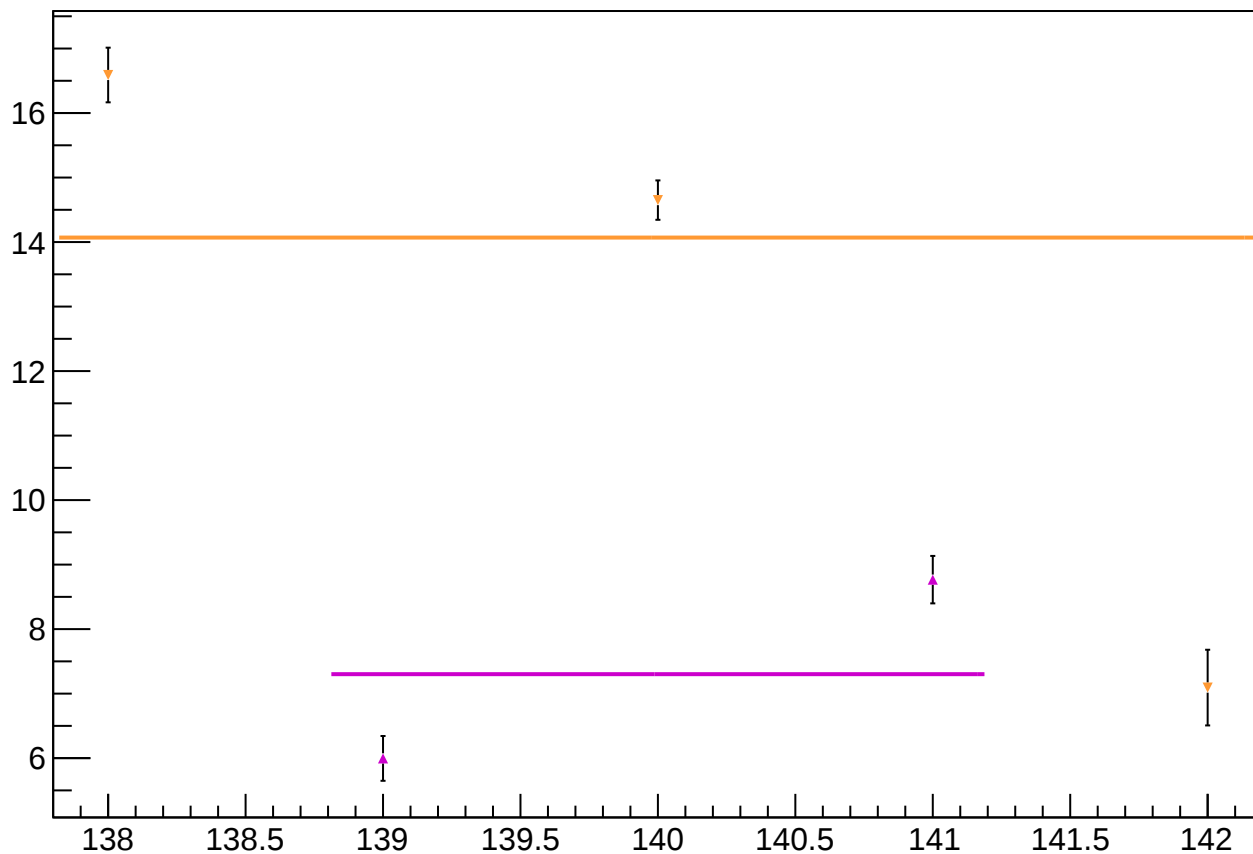
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.121+/-0.015 χ^2/NDF :2.4/1

Out: 0.102+/-0.014 χ^2/NDF :30.5/2

All: 0.111+/-0.010 χ^2/NDF : 33.8/4

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.070+/-0.228 χ^2/NDF :180.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.302+/-0.252 χ^2/NDF :30.0/1

Left: 11.027+/-0.169 χ^2/NDF : 606.0/4

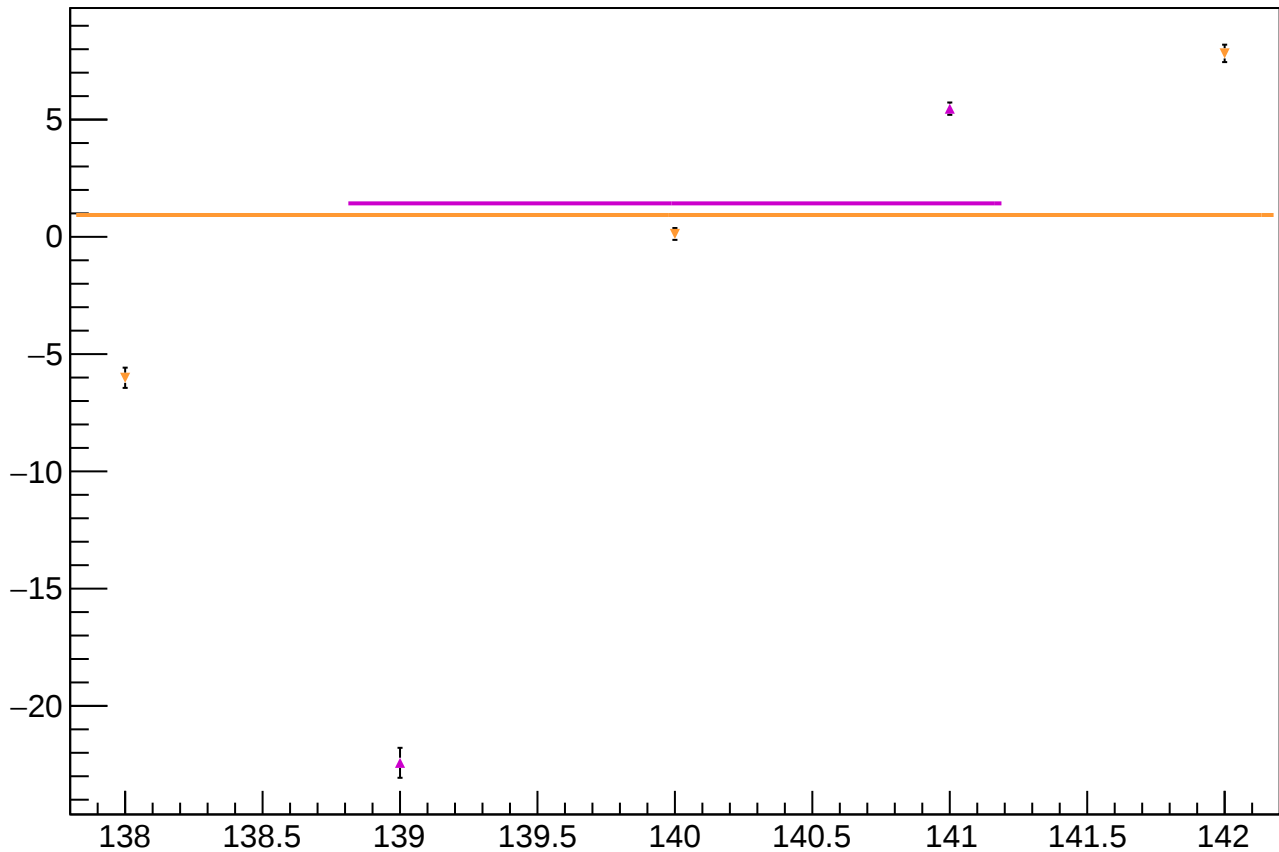
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.302+/-0.252 χ^2/NDF :30.0/1

Out: 14.070+/-0.228 χ^2/NDF :180.4/2

All: 11.027+/-0.169 χ^2/NDF : 606.0/4

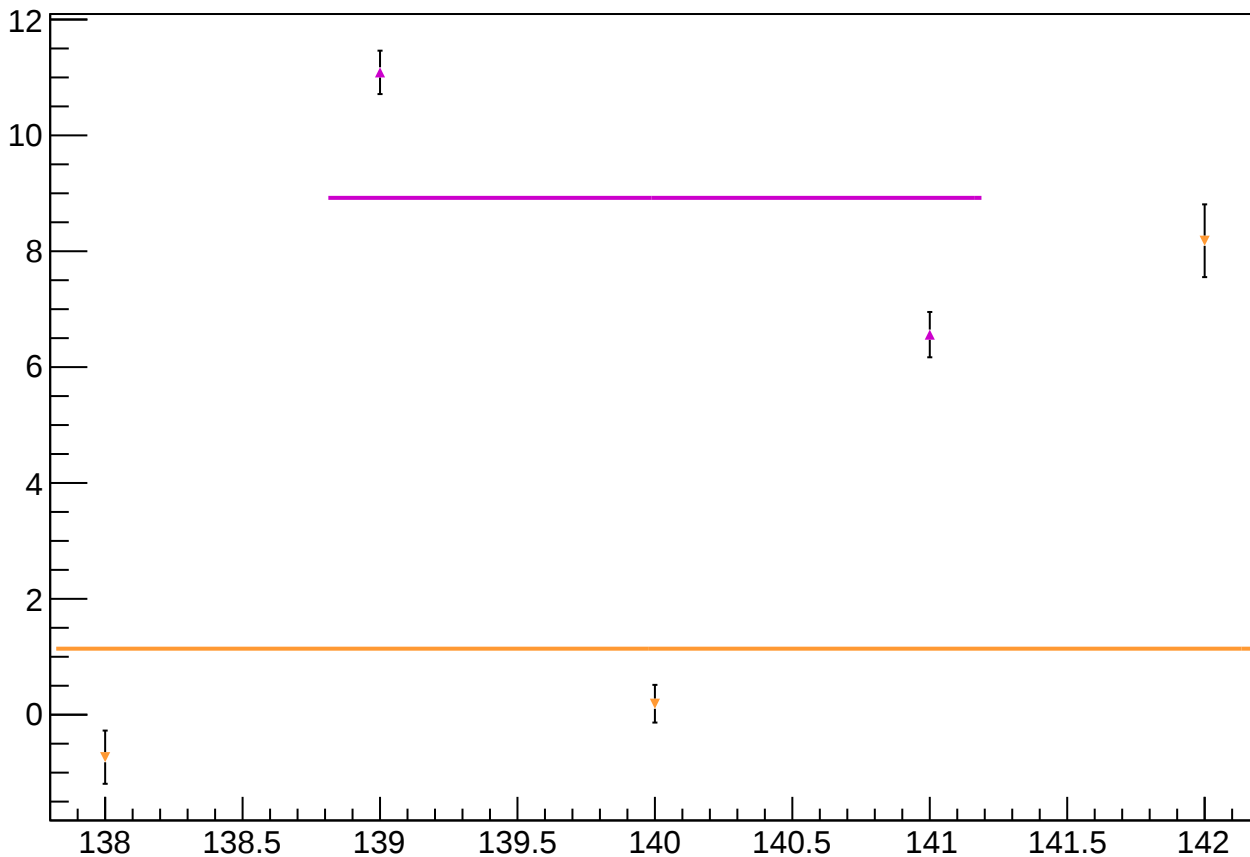
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.932 $\pm$ 0.188 χ^2 /NDF:613.1/2
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.427 $\pm$ 0.243 χ^2 /NDF:1629.6/1

Left: 1.117 $\pm$ 0.149 χ^2 /NDF: 2245.3/4
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.427 $\pm$ 0.243 χ^2 /NDF:1629.6/1
 Out: 0.932 $\pm$ 0.188 χ^2 /NDF:613.1/2
 All: 1.117 $\pm$ 0.149 χ^2 /NDF: 2245.3/4

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.140+/-0.245 χ^2/NDF :150.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.921+/-0.271 χ^2/NDF :69.9/1

Left: 4.639+/-0.181 χ^2/NDF : 676.1/4

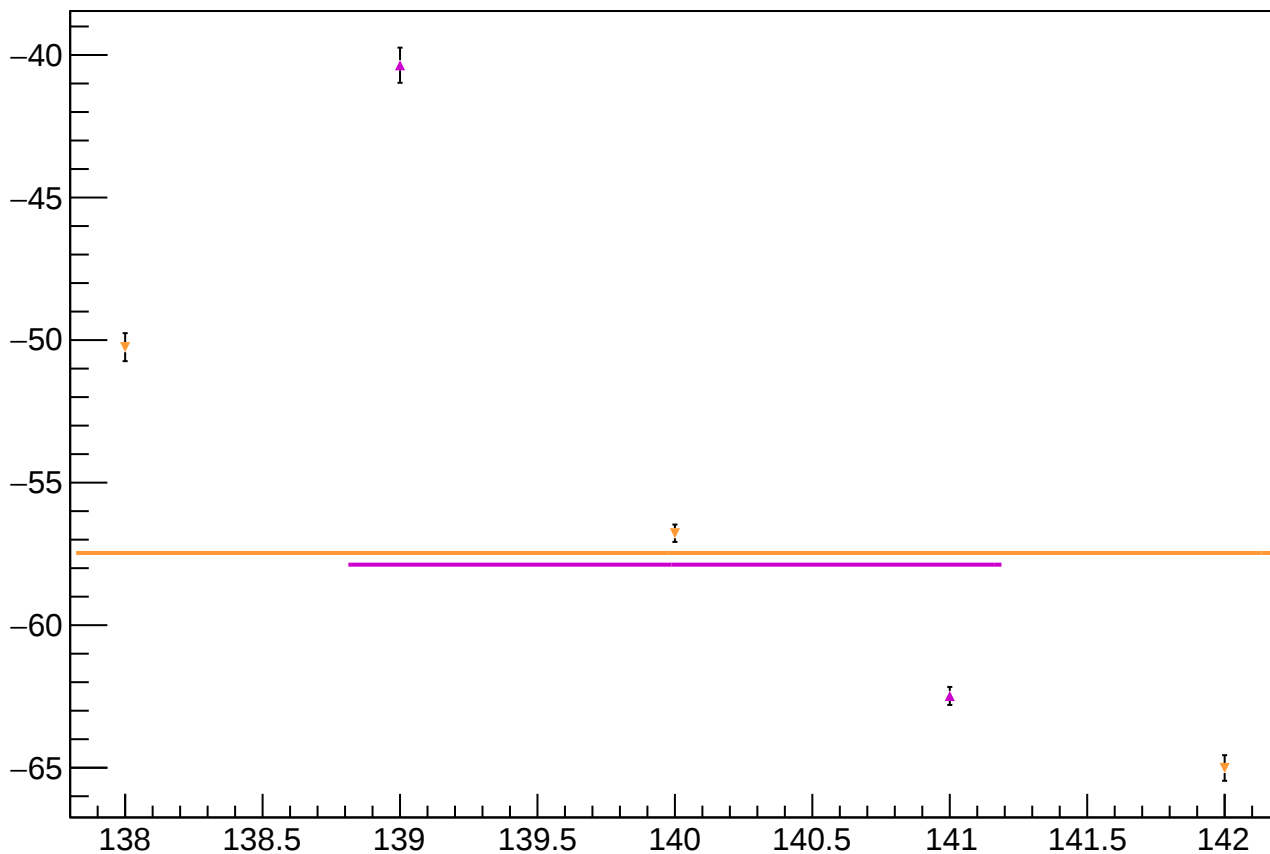
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.921+/-0.271 χ^2/NDF :69.9/1

Out: 1.140+/-0.245 χ^2/NDF :150.9/2

All: 4.639+/-0.181 χ^2/NDF : 676.1/4

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -57.467 ± 0.224 χ^2/NDF : 502.2/2

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -57.878 ± 0.281 χ^2/NDF : 1020.4/1

Left: -57.627 ± 0.175 χ^2/NDF : 1523.8/4

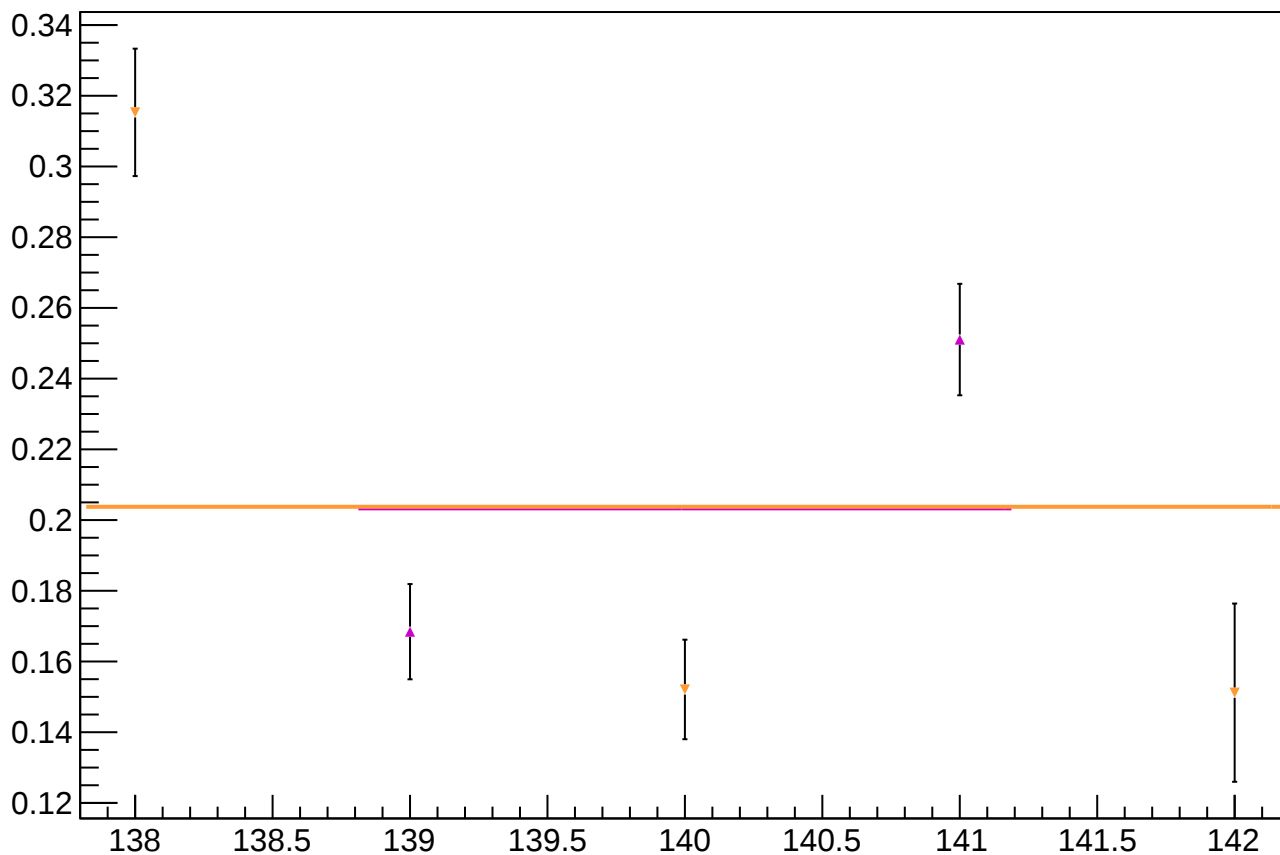
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -57.878 ± 0.281 χ^2/NDF : 1020.4/1

Out: -57.467 ± 0.224 χ^2/NDF : 502.2/2

All: -57.627 ± 0.175 χ^2/NDF : 1523.8/4

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: 0.204 $\pm$ 0.010 χ^2 /NDF:56.2/2

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.203 $\pm$ 0.010 χ^2 /NDF:15.9/1

Left: 0.204 $\pm$ 0.007 χ^2 /NDF: 72.0/4

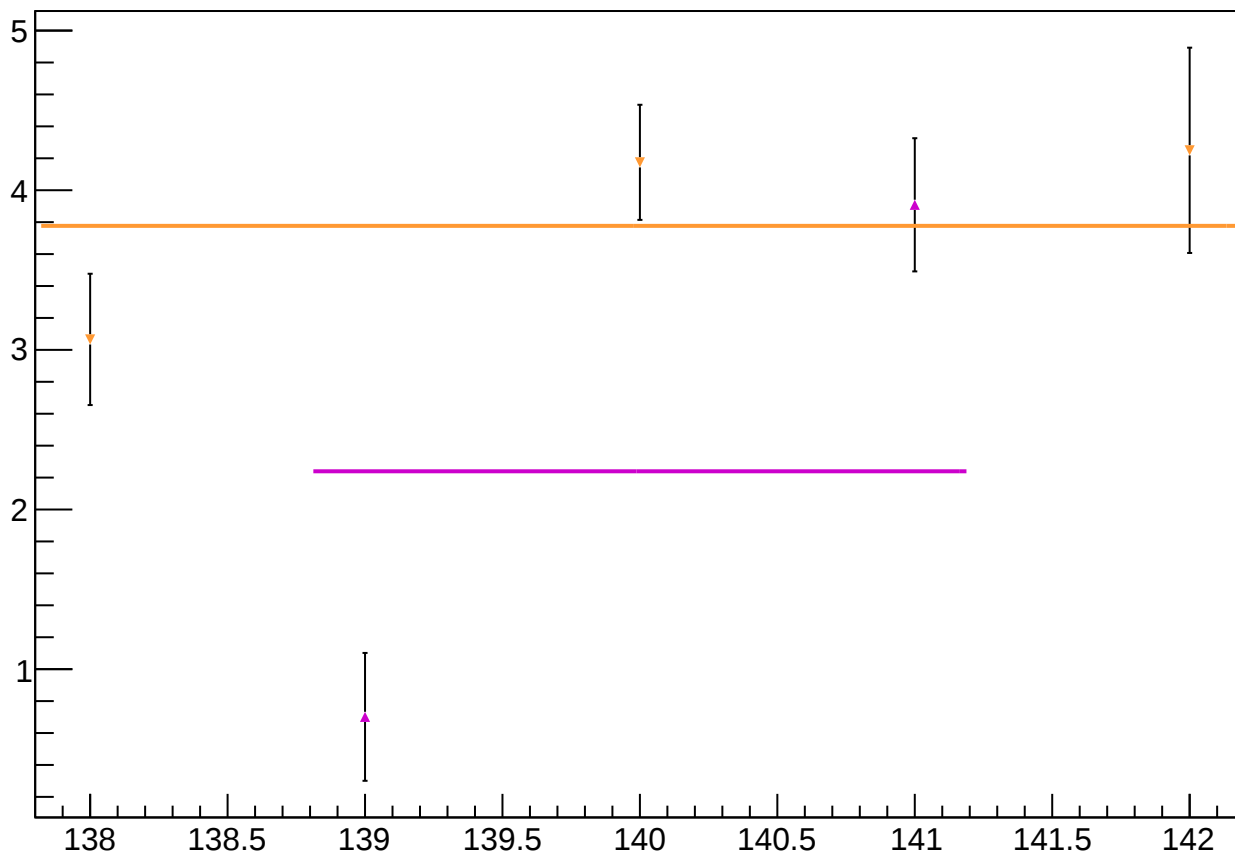
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.203 $\pm$ 0.010 χ^2 /NDF:15.9/1

Out: 0.204 $\pm$ 0.010 χ^2 /NDF:56.2/2

All: 0.204 $\pm$ 0.007 χ^2 /NDF: 72.0/4

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.777+/-0.250 χ^2/NDF :4.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.239+/-0.289 χ^2/NDF :30.8/1

Left: 3.119+/-0.189 χ^2/NDF : 51.7/4

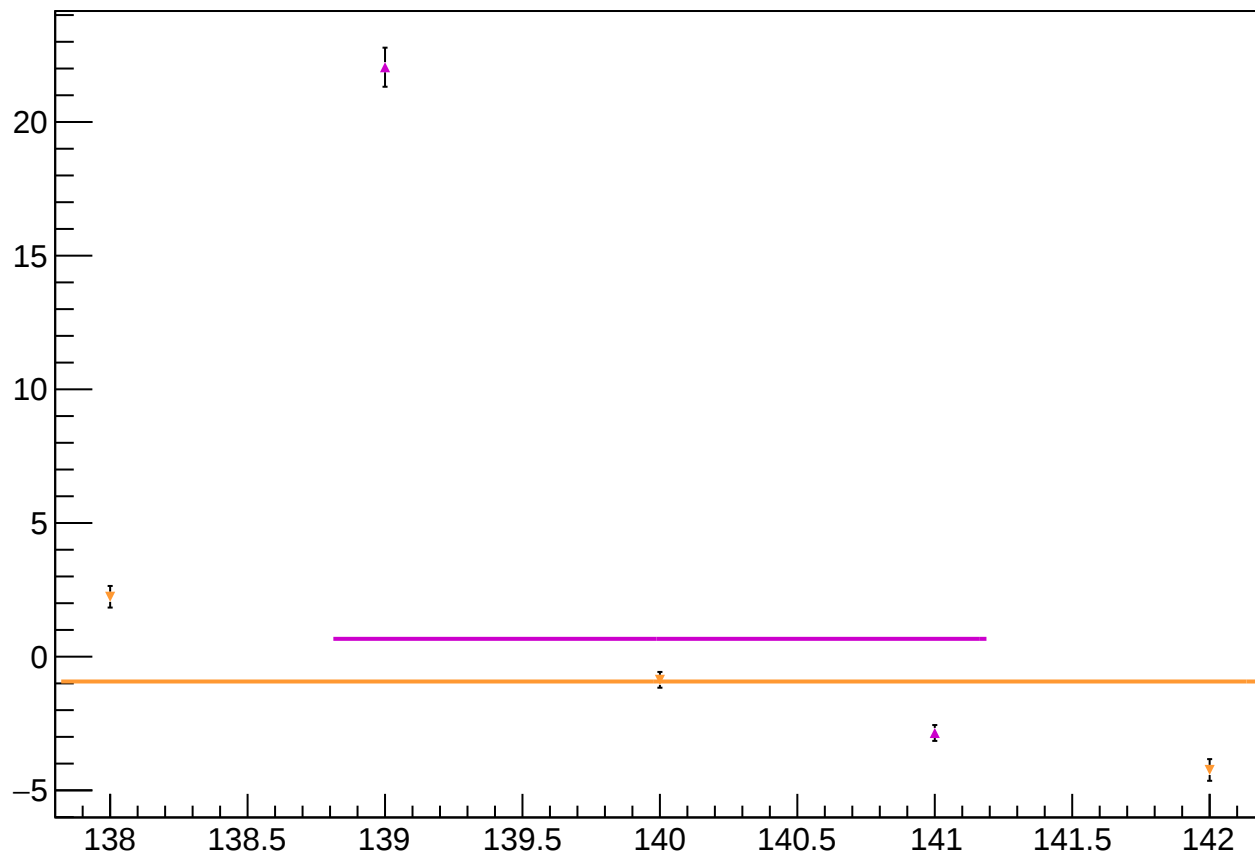
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.239+/-0.289 χ^2/NDF :30.8/1

Out: 3.777+/-0.250 χ^2/NDF :4.8/2

All: 3.119+/-0.189 χ^2/NDF : 51.7/4

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.929+/-0.205 χ^2/NDF :128.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.667+/-0.275 χ^2/NDF :996.4/1

Left: -0.357+/-0.165 χ^2/NDF : 1146.1/4

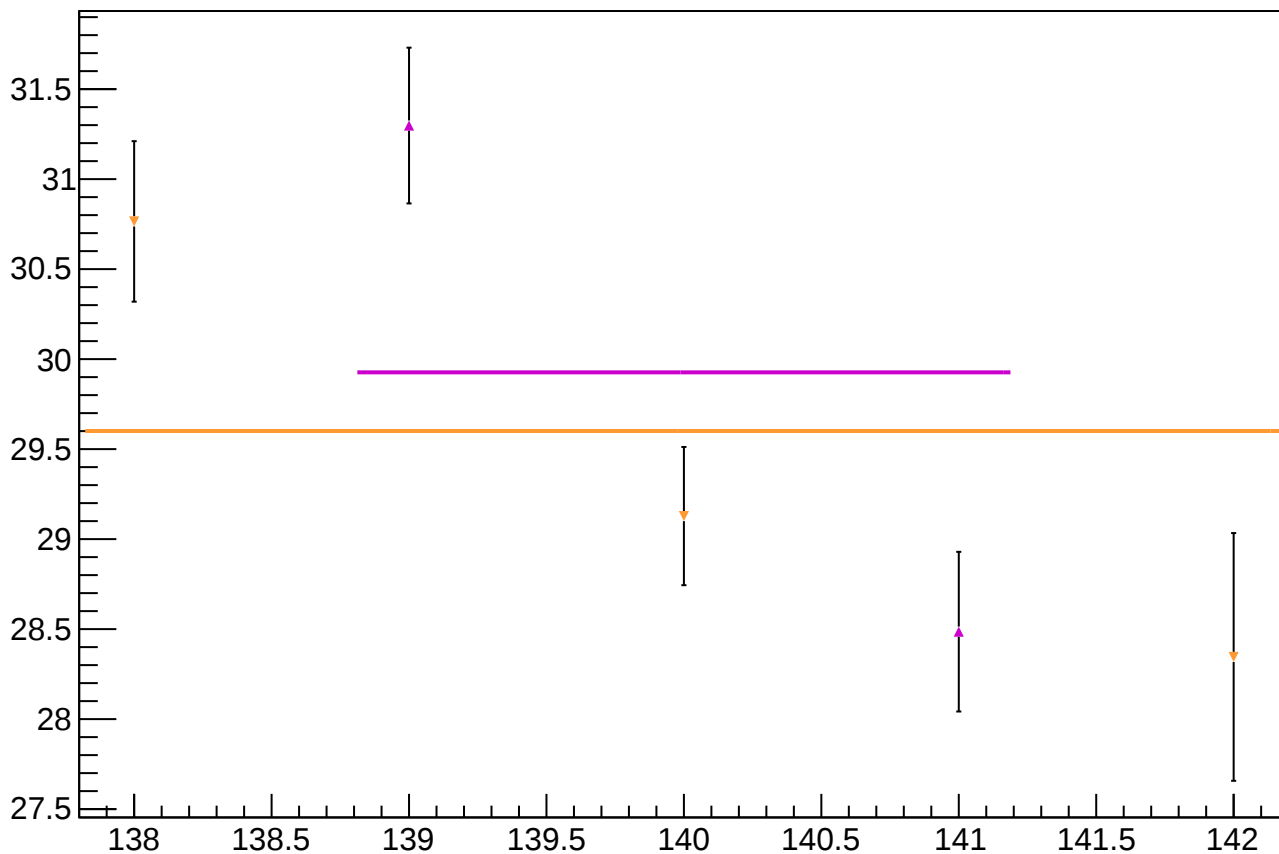
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.667+/-0.275 χ^2/NDF :996.4/1

Out: -0.929+/-0.205 χ^2/NDF :128.1/2

All: -0.357+/-0.165 χ^2/NDF : 1146.1/4

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: 29.601+/-0.268 χ^2/NDF :11.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.927+/-0.310 χ^2/NDF :20.6/1

Left: 29.740+/-0.203 χ^2/NDF : 32.9/4

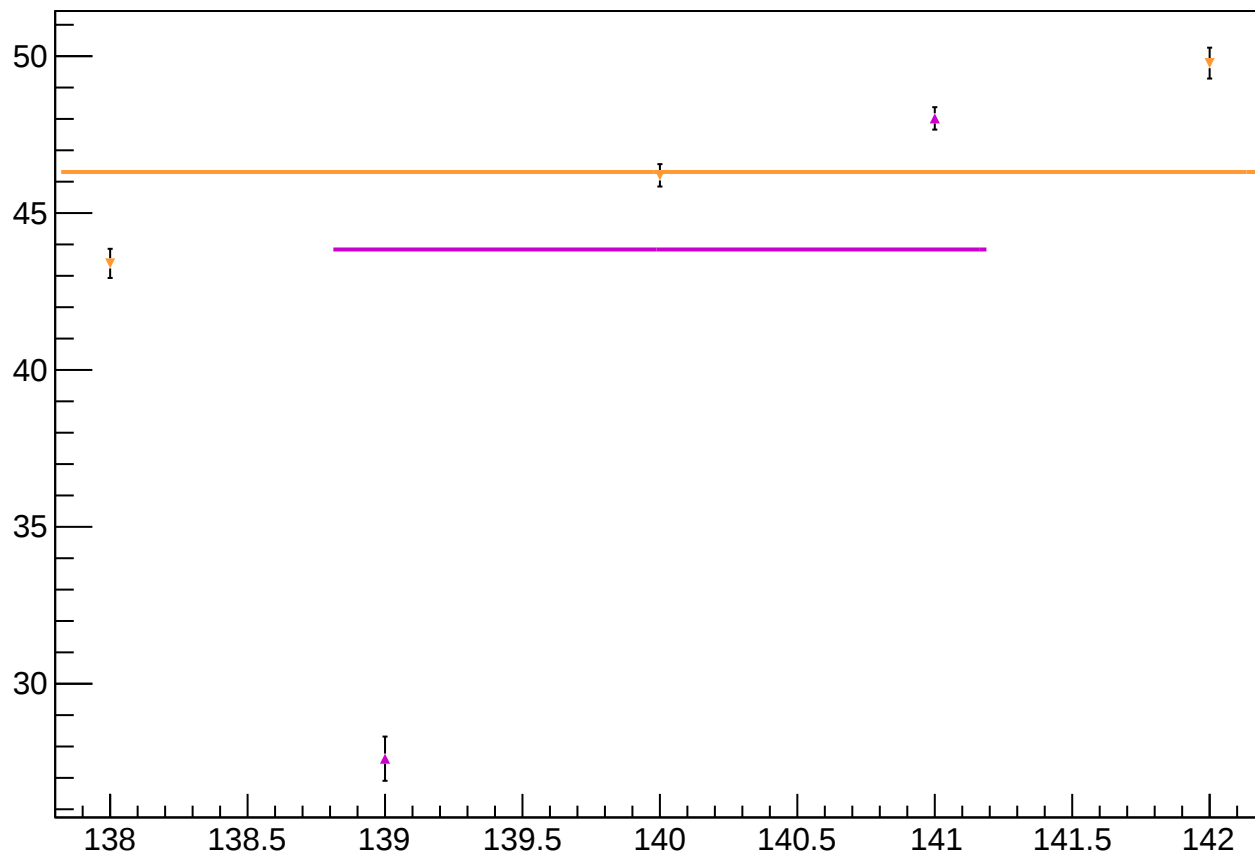
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.927+/-0.310 χ^2/NDF :20.6/1

Out: 29.601+/-0.268 χ^2/NDF :11.7/2

All: 29.740+/-0.203 χ^2/NDF : 32.9/4

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: 46.309+/-0.245 χ^2 /NDF:89.1/2

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 43.839+/-0.319 χ^2 /NDF:667.0/1

Left: 45.391+/-0.194 χ^2 /NDF: 793.8/4

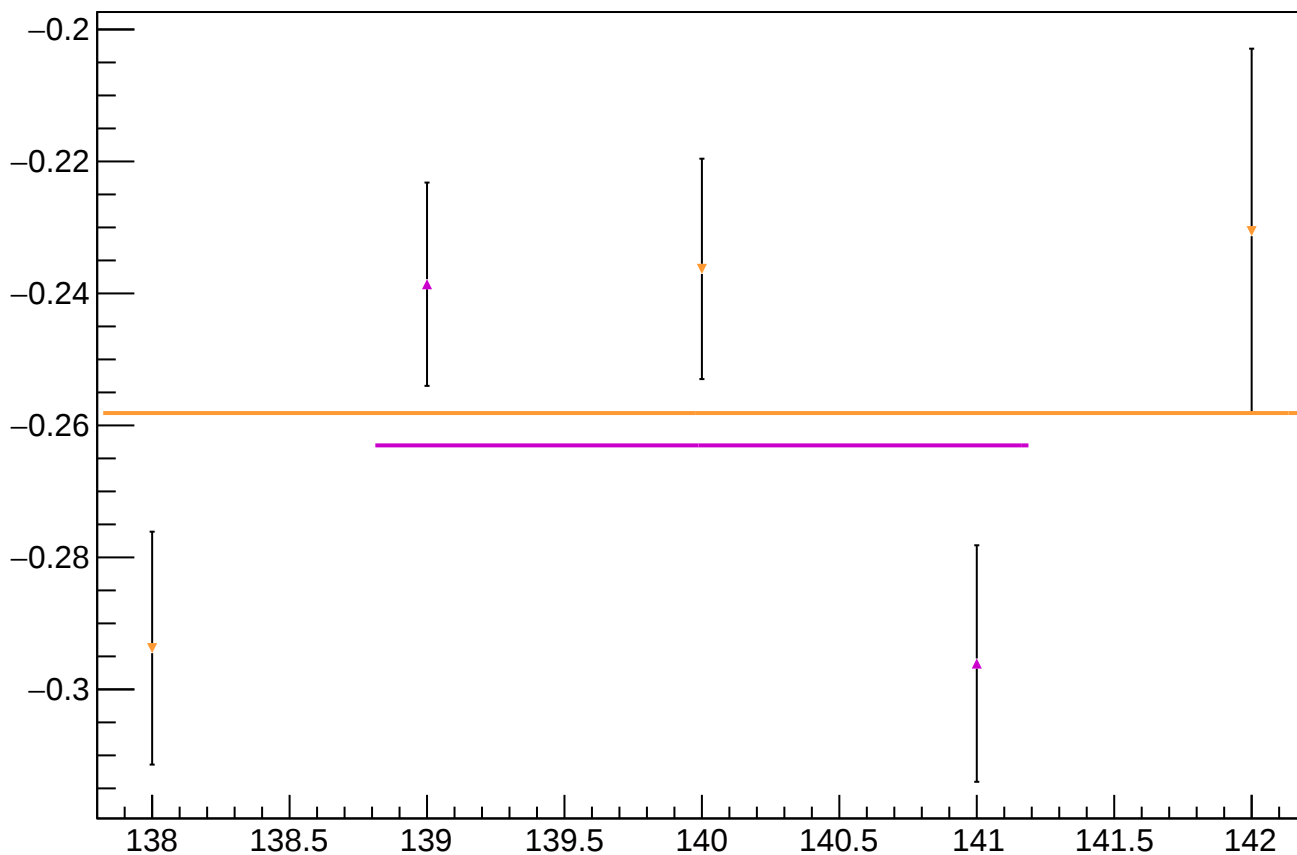
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 43.839+/-0.319 χ^2 /NDF:667.0/1

Out: 46.309+/-0.245 χ^2 /NDF:89.1/2

All: 45.391+/-0.194 χ^2 /NDF: 793.8/4

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: -0.258 ± 0.011 χ^2/NDF : 6.8/2

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -0.263 ± 0.012 χ^2/NDF : 5.9/1

Left: -0.260 ± 0.008 χ^2/NDF : 12.8/4

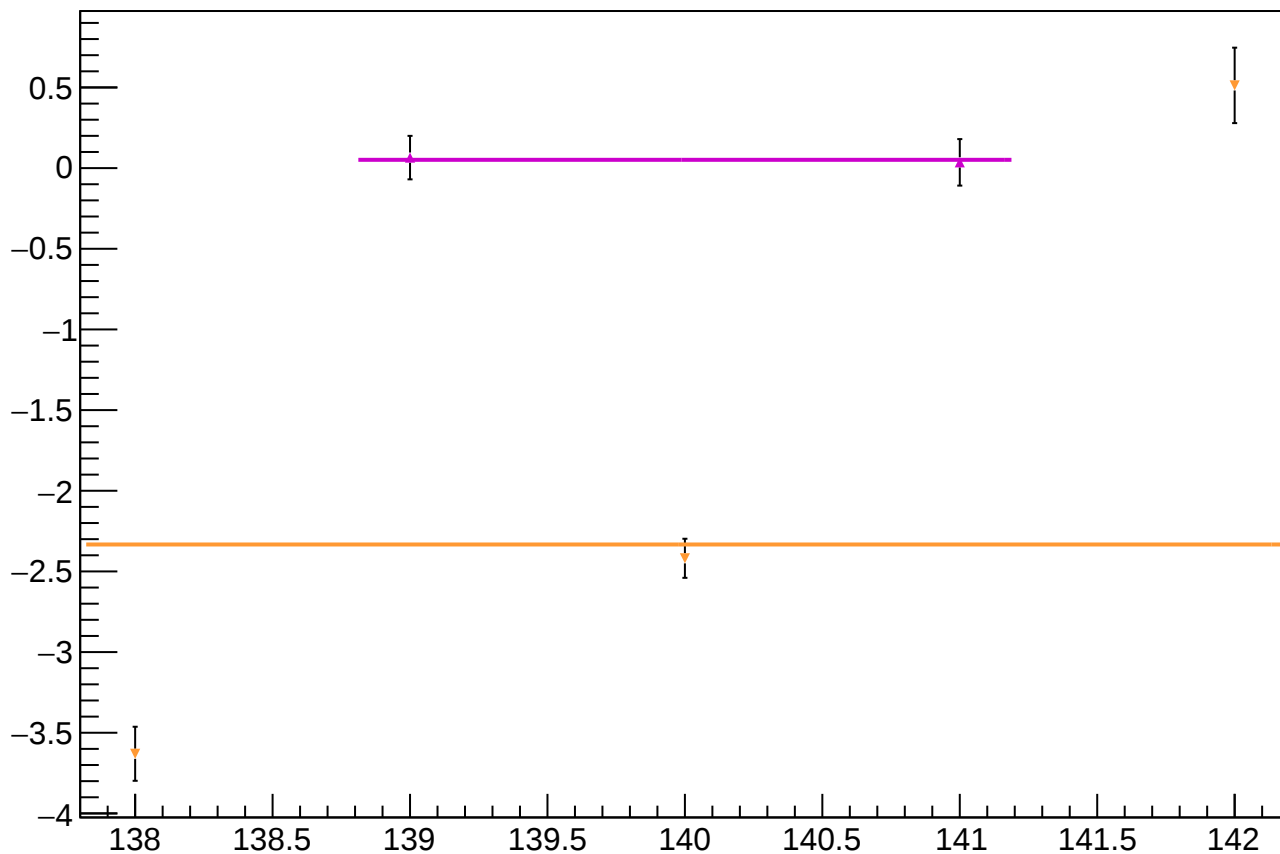
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -0.263 ± 0.012 χ^2/NDF : 5.9/1

Out: -0.258 ± 0.011 χ^2/NDF : 6.8/2

All: -0.260 ± 0.008 χ^2/NDF : 12.8/4

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: -2.333+/-0.091 χ^2/NDF : 208.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.051+/-0.098 χ^2/NDF : 0.0/1

Left: -1.241+/-0.067 χ^2/NDF : 526.5/4

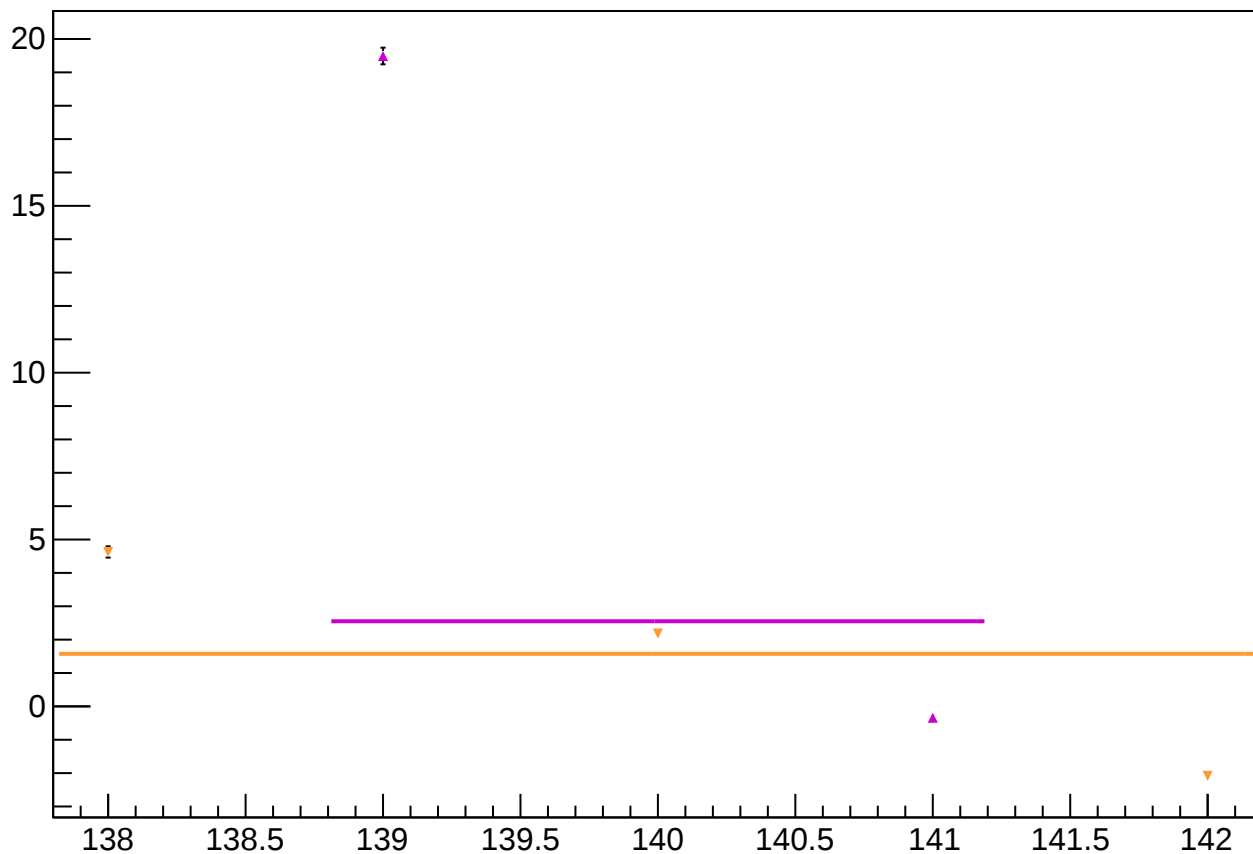
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.051+/-0.098 χ^2/NDF : 0.0/1

Out: -2.333+/-0.091 χ^2/NDF : 208.6/2

All: -1.241+/-0.067 χ^2/NDF : 526.5/4

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: 1.575+/-0.074 χ^2/NDF :974.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.551+/-0.095 χ^2/NDF :5409.9/1

Left: 1.946+/-0.059 χ^2/NDF : 6449.5/4

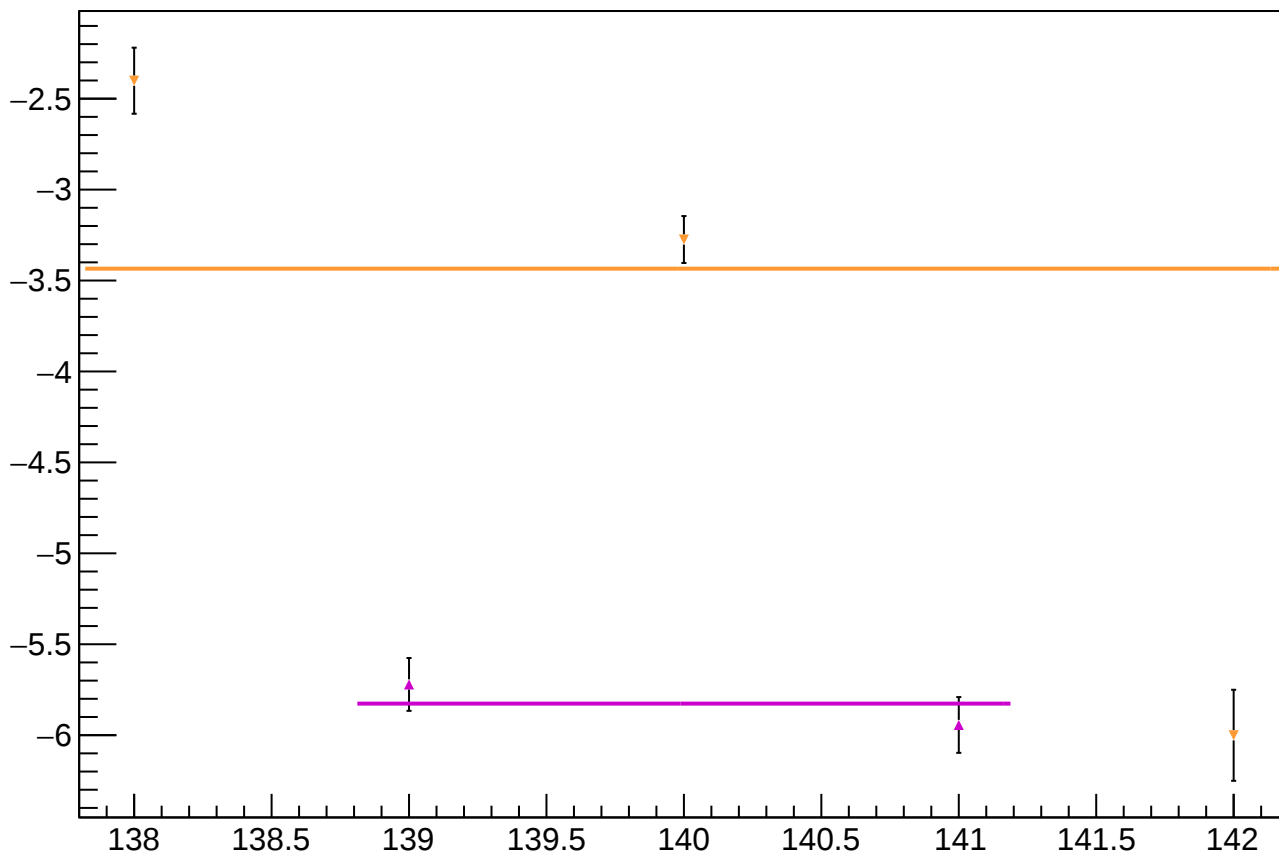
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.551+/-0.095 χ^2/NDF :5409.9/1

Out: 1.575+/-0.074 χ^2/NDF :974.4/2

All: 1.946+/-0.059 χ^2/NDF : 6449.5/4

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: -3.435+/-0.097 χ^2 /NDF:139.0/2

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -5.826+/-0.105 χ^2 /NDF:1.1/1

Left: -4.530+/-0.071 χ^2 /NDF: 418.8/4

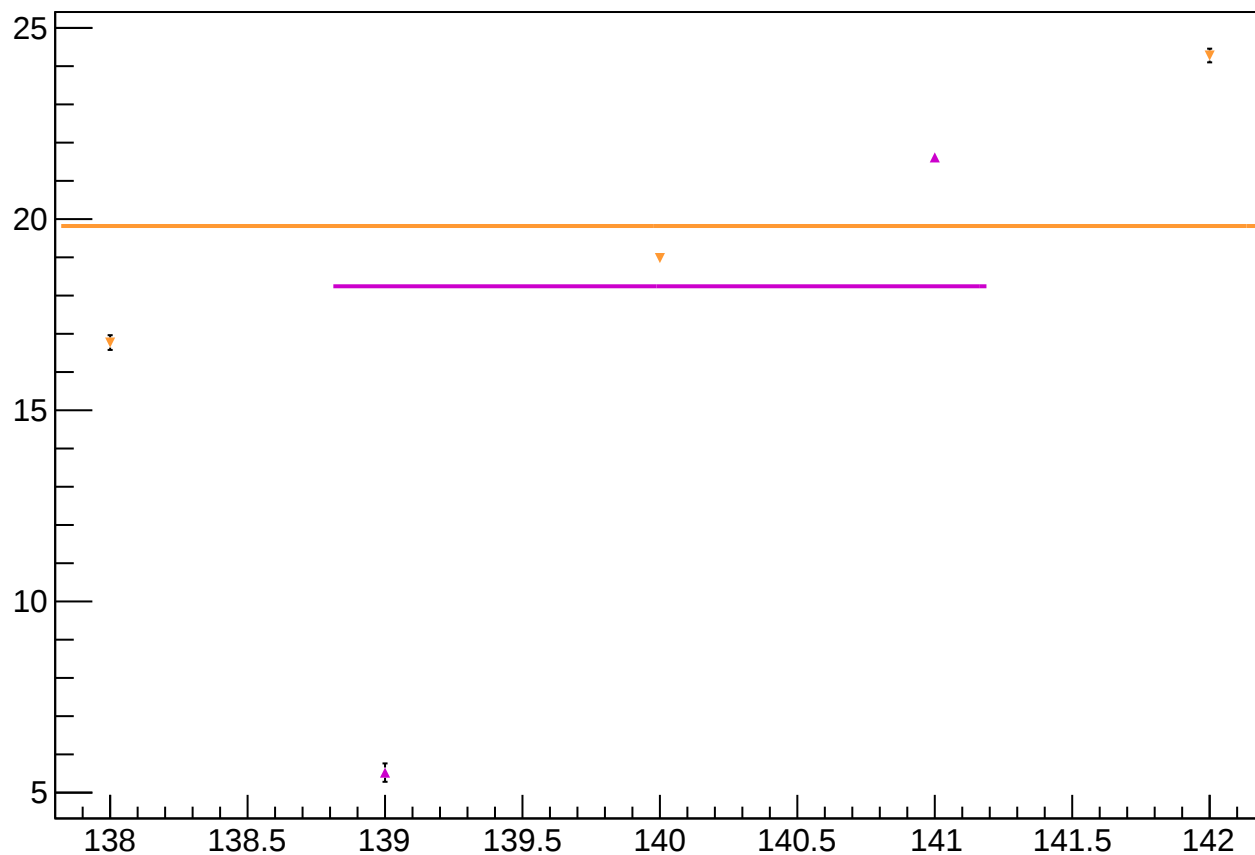
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -5.826+/-0.105 χ^2 /NDF:1.1/1

Out: -3.435+/-0.097 χ^2 /NDF:139.0/2

All: -4.530+/-0.071 χ^2 /NDF: 418.8/4

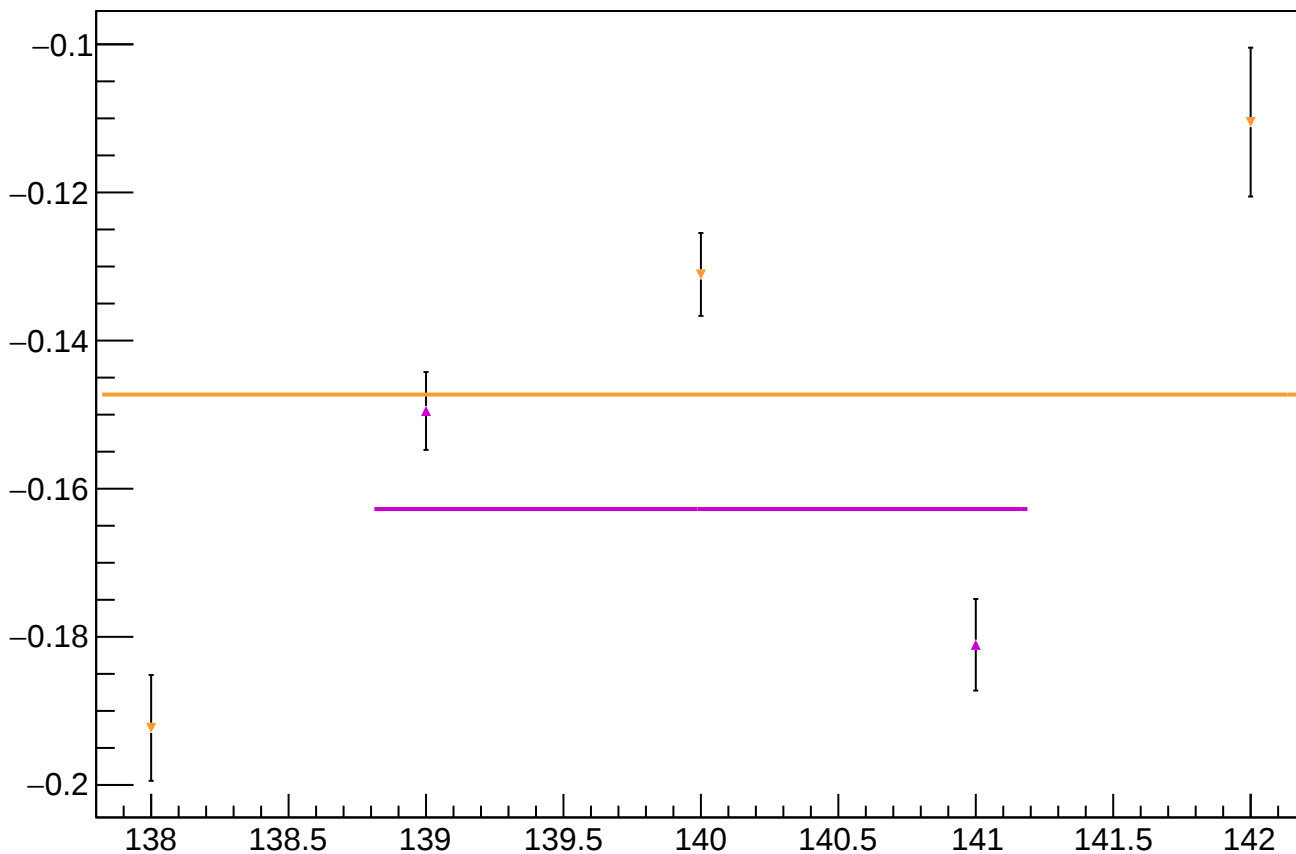
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 19.819+/-0.089 χ^2/NDF : 917.3/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.243+/-0.110 χ^2/NDF : 3539.3/1

Left: 19.197+/-0.069 χ^2/NDF : 4580.7/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.243+/-0.110 χ^2/NDF : 3539.3/1
 Out: 19.819+/-0.089 χ^2/NDF : 917.3/2
 All: 19.197+/-0.069 χ^2/NDF : 4580.7/4

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: -0.147+/-0.004 χ^2/NDF :61.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.163+/-0.004 χ^2/NDF :15.1/1

Left: -0.155+/-0.003 χ^2/NDF : 84.0/4

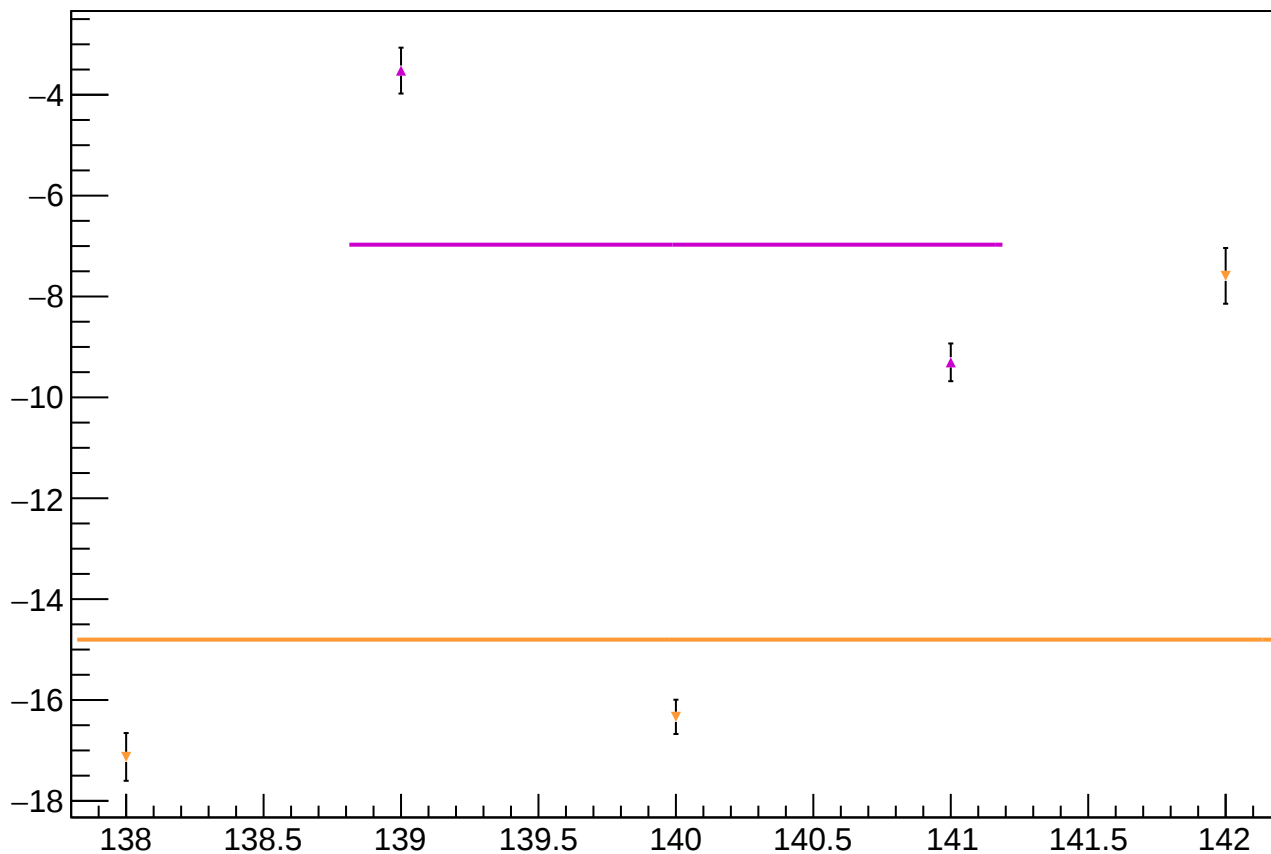
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.163+/-0.004 χ^2/NDF :15.1/1

Out: -0.147+/-0.004 χ^2/NDF :61.5/2

All: -0.155+/-0.003 χ^2/NDF : 84.0/4

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: -14.803+/-0.247 χ^2/NDF :214.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.972+/-0.289 χ^2/NDF :96.5/1

Left: -11.494+/-0.188 χ^2/NDF : 735.7/4

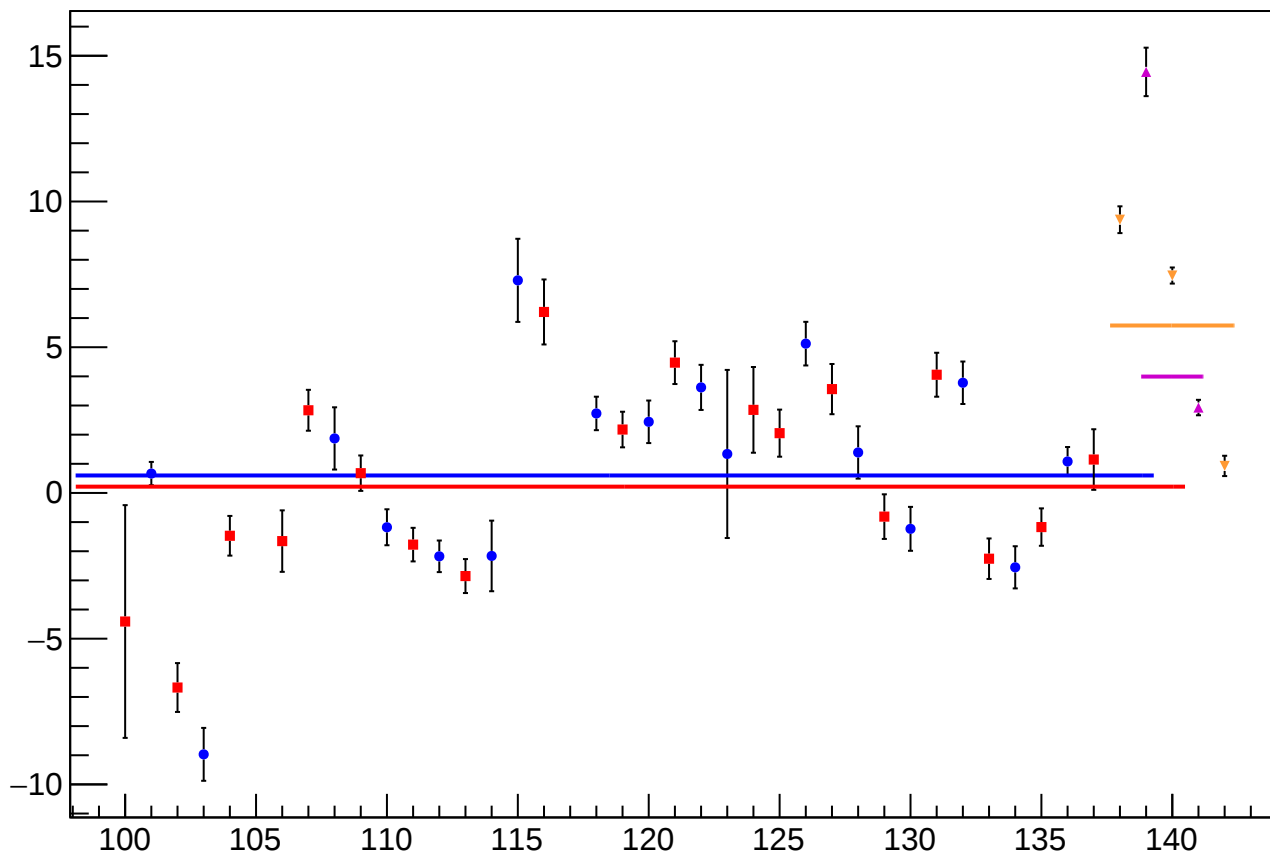
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.972+/-0.289 χ^2/NDF :96.5/1

Out: -14.803+/-0.247 χ^2/NDF :214.7/2

All: -11.494+/-0.188 χ^2/NDF : 735.7/4

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 5.745 ± 0.196 χ^2/NDF : 292.0/2

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 3.993 ± 0.253 χ^2/NDF : 174.1/1

Left: 5.088 ± 0.155 χ^2/NDF : 496.1/4

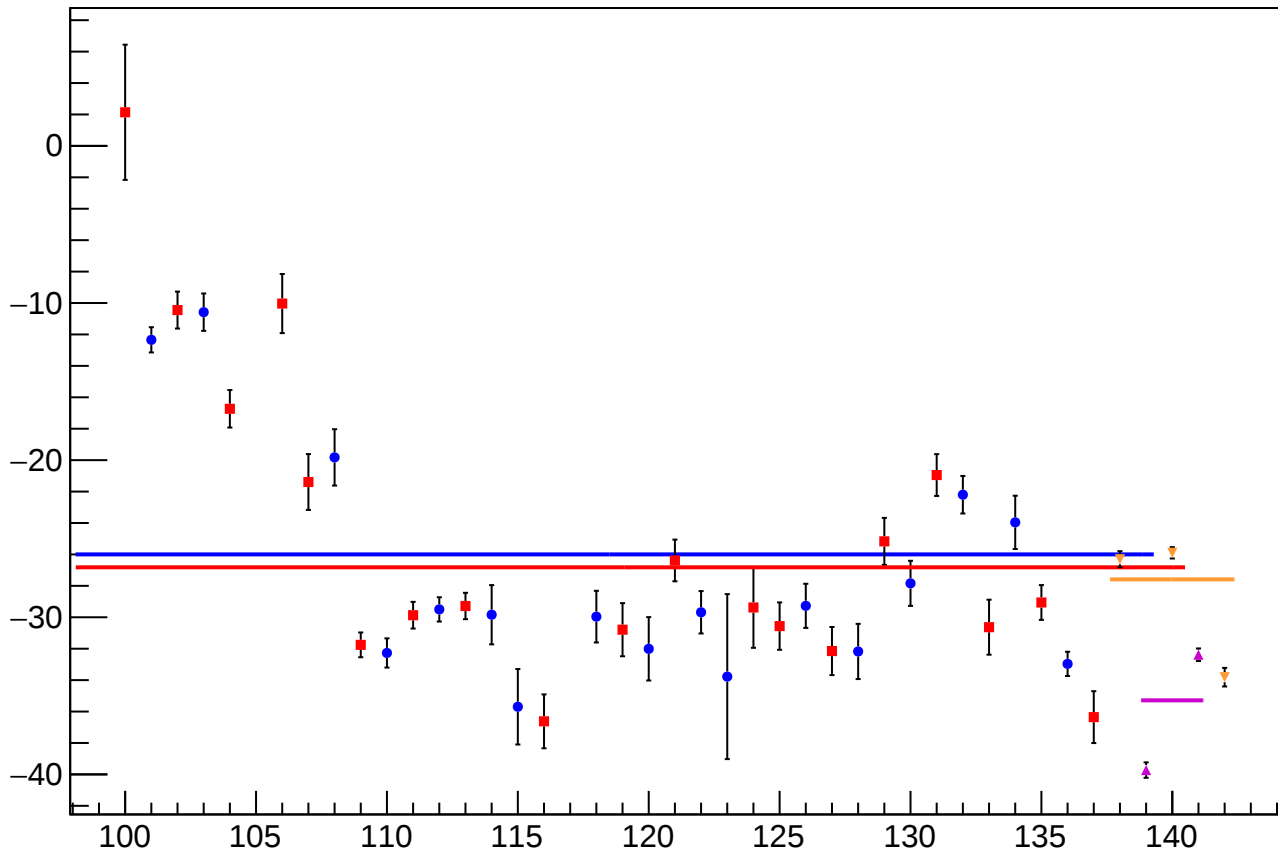
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.651 ± 0.141 χ^2/NDF : 590.5/18

Out: 2.665 ± 0.130 χ^2/NDF : 1010.7/21

All: 2.196 ± 0.096 χ^2/NDF : 1629.1/40

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: -27.590 ± 0.265 χ^2/NDF : 138.8/2

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -35.288 ± 0.309 χ^2/NDF : 135.0/1

Left: -30.845 ± 0.201 χ^2/NDF : 631.7/4

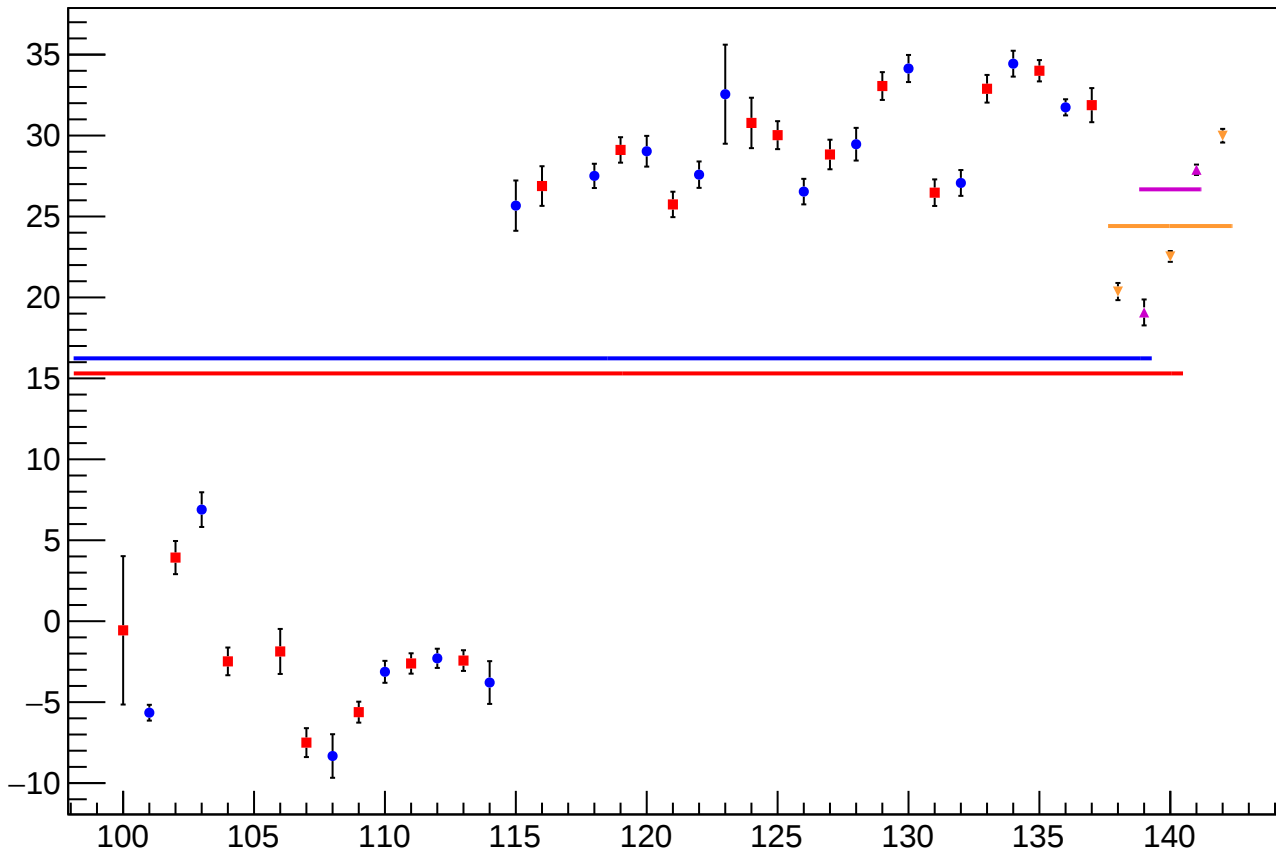
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -30.506 ± 0.215 χ^2/NDF : 1292.5/18

Out: -27.250 ± 0.198 χ^2/NDF : 723.4/21

All: -28.740 ± 0.146 χ^2/NDF : 2140.0/40

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: 24.411 $\pm$ 0.235 χ^2/NDF : 264.0/2

Right Out: 15.306 $\pm$ 0.197 χ^2/NDF : 7271.7/18

Left In: 26.677 $\pm$ 0.297 χ^2/NDF : 104.3/1

Left: 25.283 $\pm$ 0.184 χ^2/NDF : 404.1/4

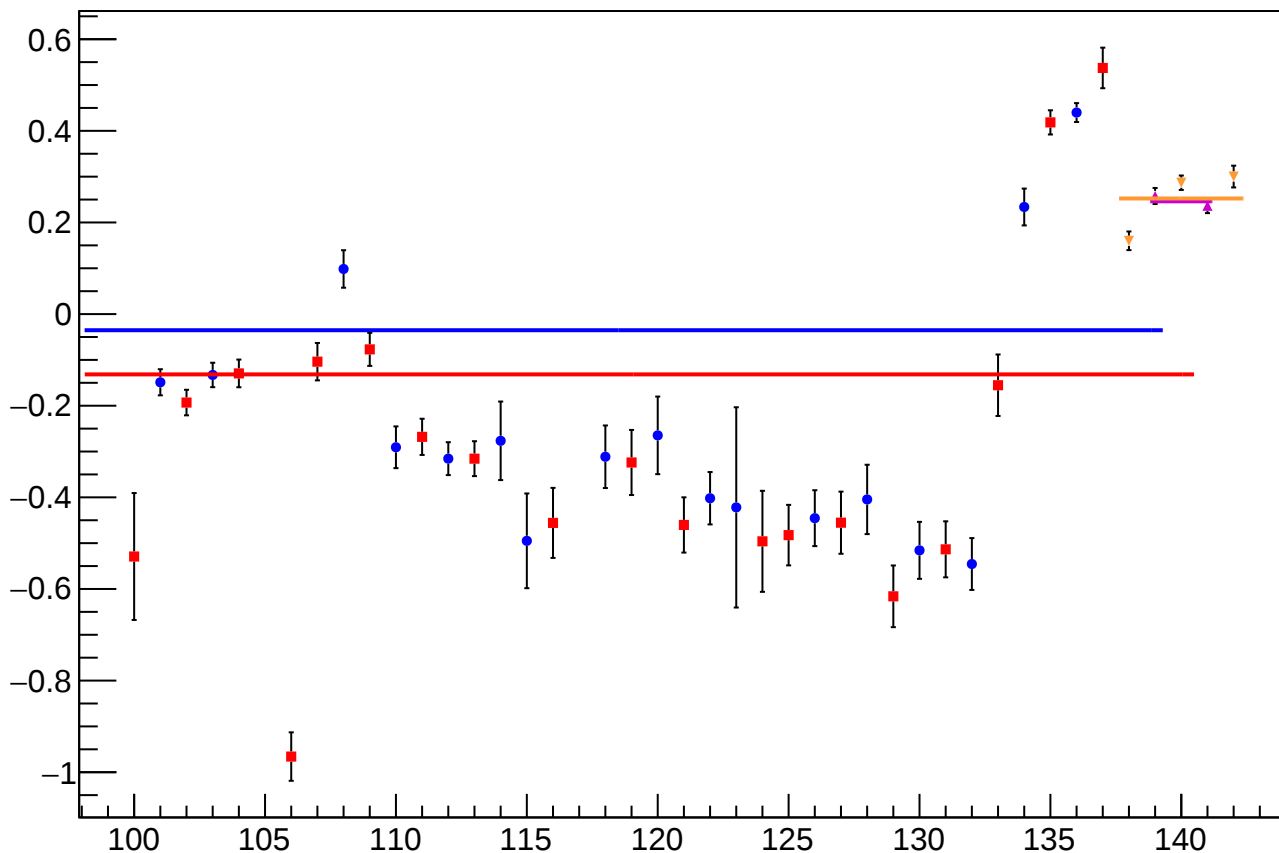
Right: 15.785 $\pm$ 0.137 χ^2/NDF : 14863.2/35

In: 19.301 $\pm$ 0.161 χ^2/NDF : 8557.3/18

Out: 19.064 $\pm$ 0.151 χ^2/NDF : 8417.7/21

All: 19.175 $\pm$ 0.110 χ^2/NDF : 16976.2/40

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: 0.252 ± 0.011 χ^2/NDF : 29.5/2

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.246 ± 0.012 χ^2/NDF : 0.8/1

Left: 0.249 ± 0.008 χ^2/NDF : 30.4/4

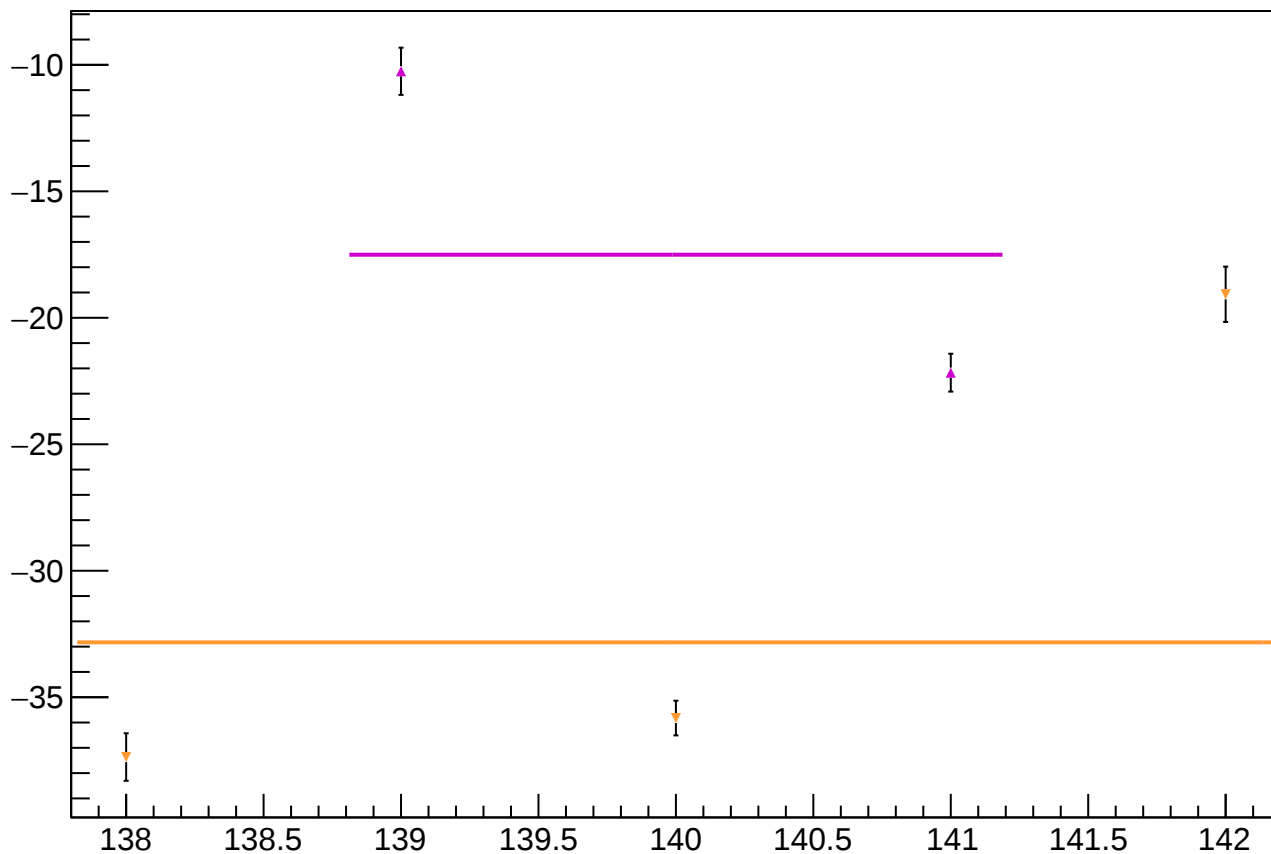
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.086 ± 0.008 χ^2/NDF : 1335.4/18

Out: 0.048 ± 0.008 χ^2/NDF : 1843.4/21

All: 0.067 ± 0.005 χ^2/NDF : 3191.0/40

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: -32.831+/-0.494 χ^2/NDF :200.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.506+/-0.584 χ^2/NDF :99.2/1

Left: -26.440+/-0.377 χ^2/NDF : 701.9/4

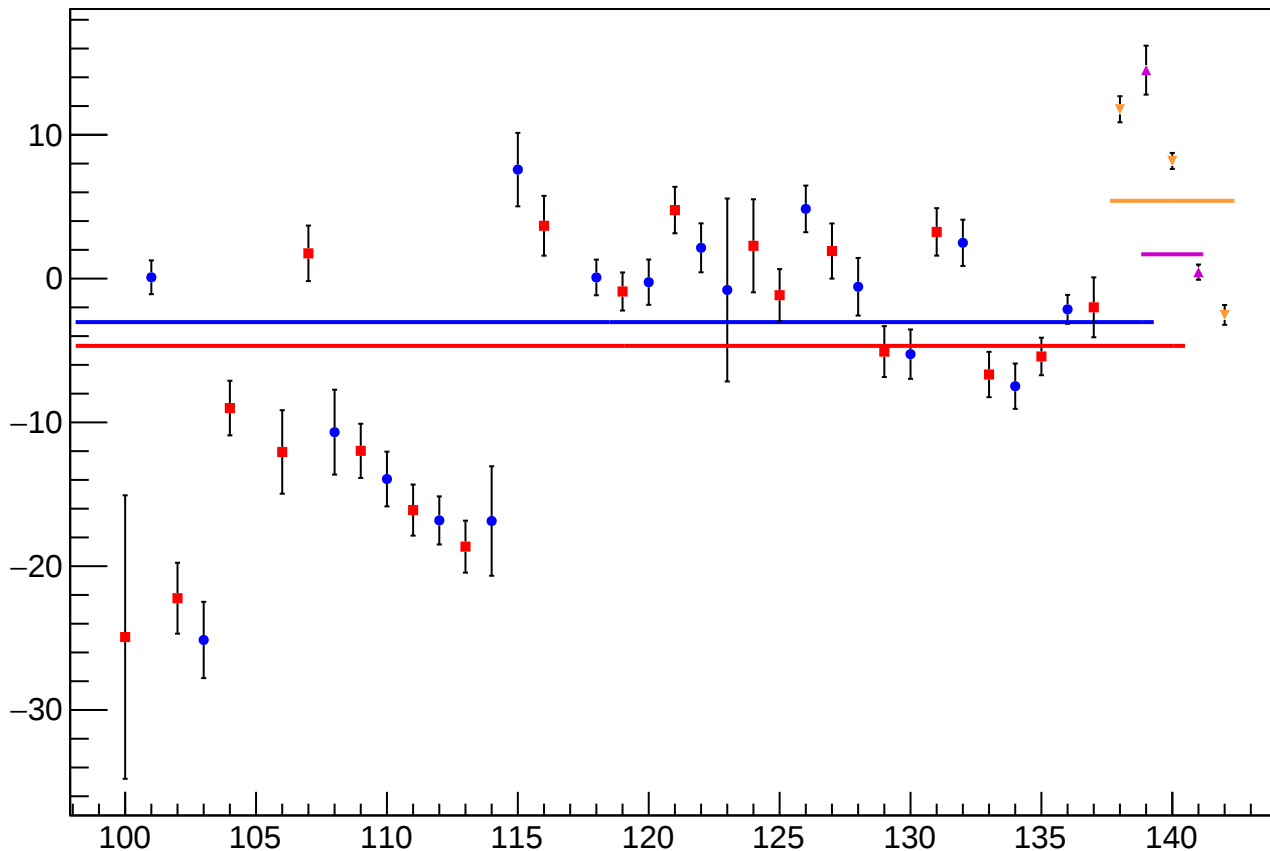
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.506+/-0.584 χ^2/NDF :99.2/1

Out: -32.831+/-0.494 χ^2/NDF :200.9/2

All: -26.440+/-0.377 χ^2/NDF : 701.9/4

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: 5.411 ± 0.390 χ^2/NDF : 207.1/2

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 1.691 ± 0.506 χ^2/NDF : 62.0/1

Left: 4.025 ± 0.309 χ^2/NDF : 303.0/4

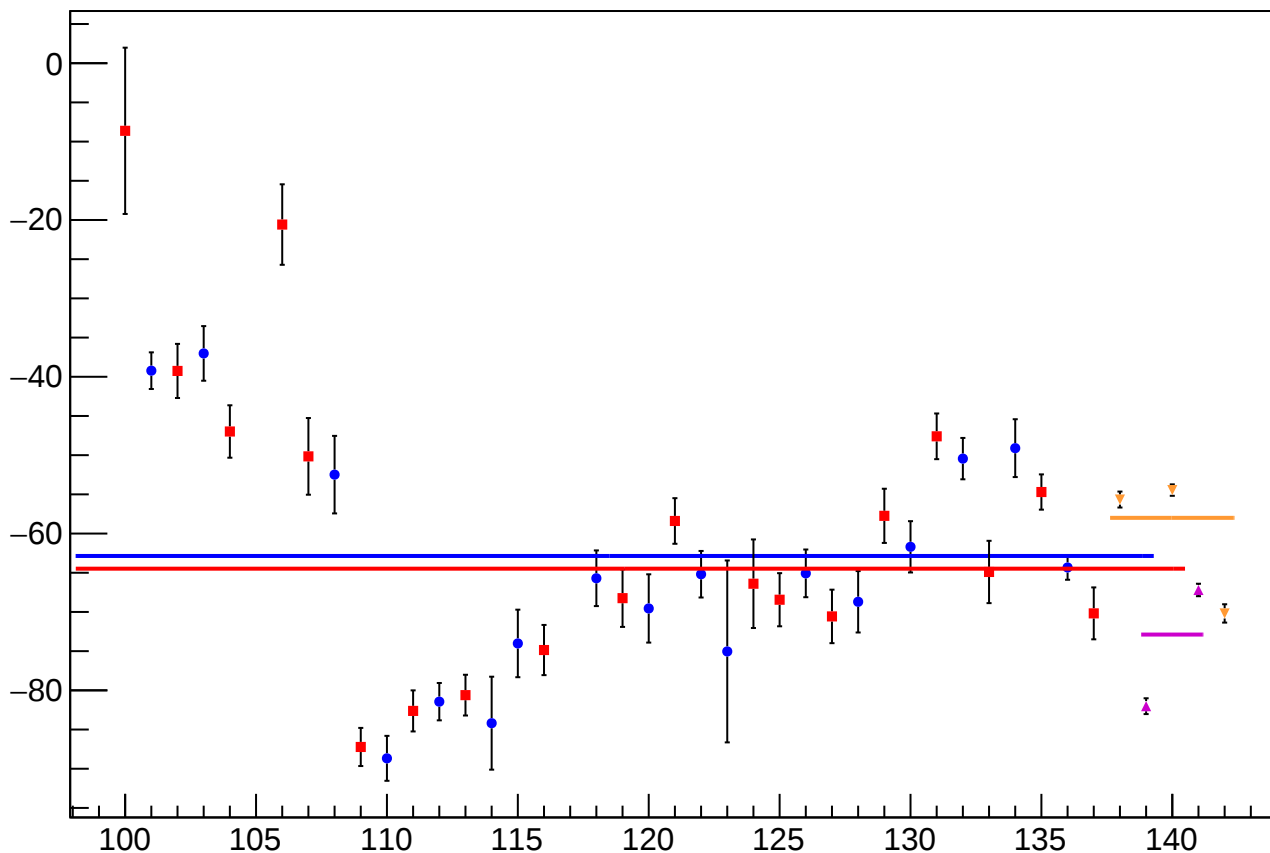
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -1.167 ± 0.318 χ^2/NDF : 395.3/18

Out: 0.811 ± 0.288 χ^2/NDF : 811.1/21

All: -0.081 ± 0.213 χ^2/NDF : 1227.7/40

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: -57.995 ± 0.529 χ^2/NDF : 137.5/2

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -72.885 ± 0.625 χ^2/NDF : 133.1/1

Left: -64.210 ± 0.404 χ^2/NDF : 601.6/4

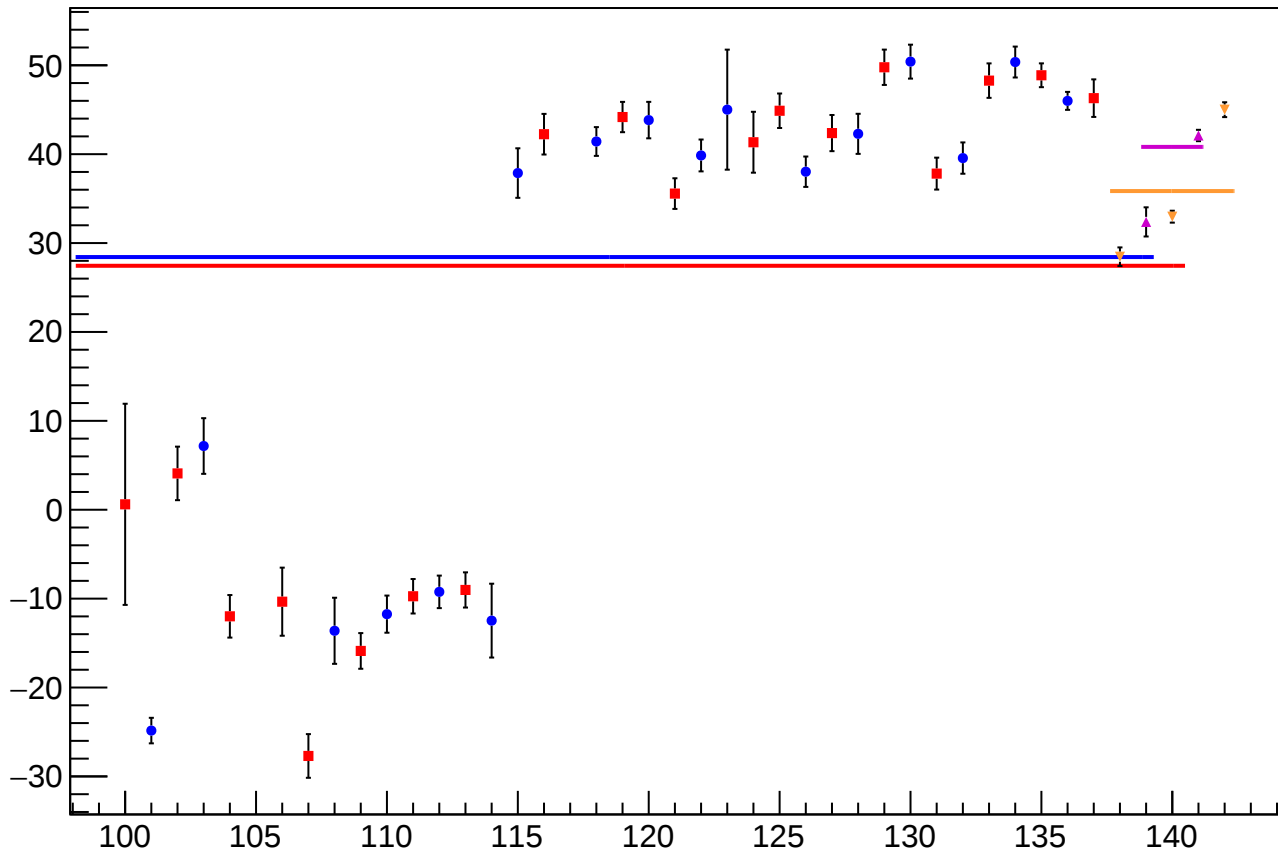
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -68.706 ± 0.477 χ^2/NDF : 608.2/18

Out: -60.144 ± 0.432 χ^2/NDF : 631.3/21

All: -64.005 ± 0.320 χ^2/NDF : 1416.4/40

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: 35.849 $\pm$ 0.468 χ^2 /NDF:188.1/2

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 40.819 $\pm$ 0.596 χ^2 /NDF:30.5/1

Left: 37.747 $\pm$ 0.368 χ^2 /NDF: 261.6/4

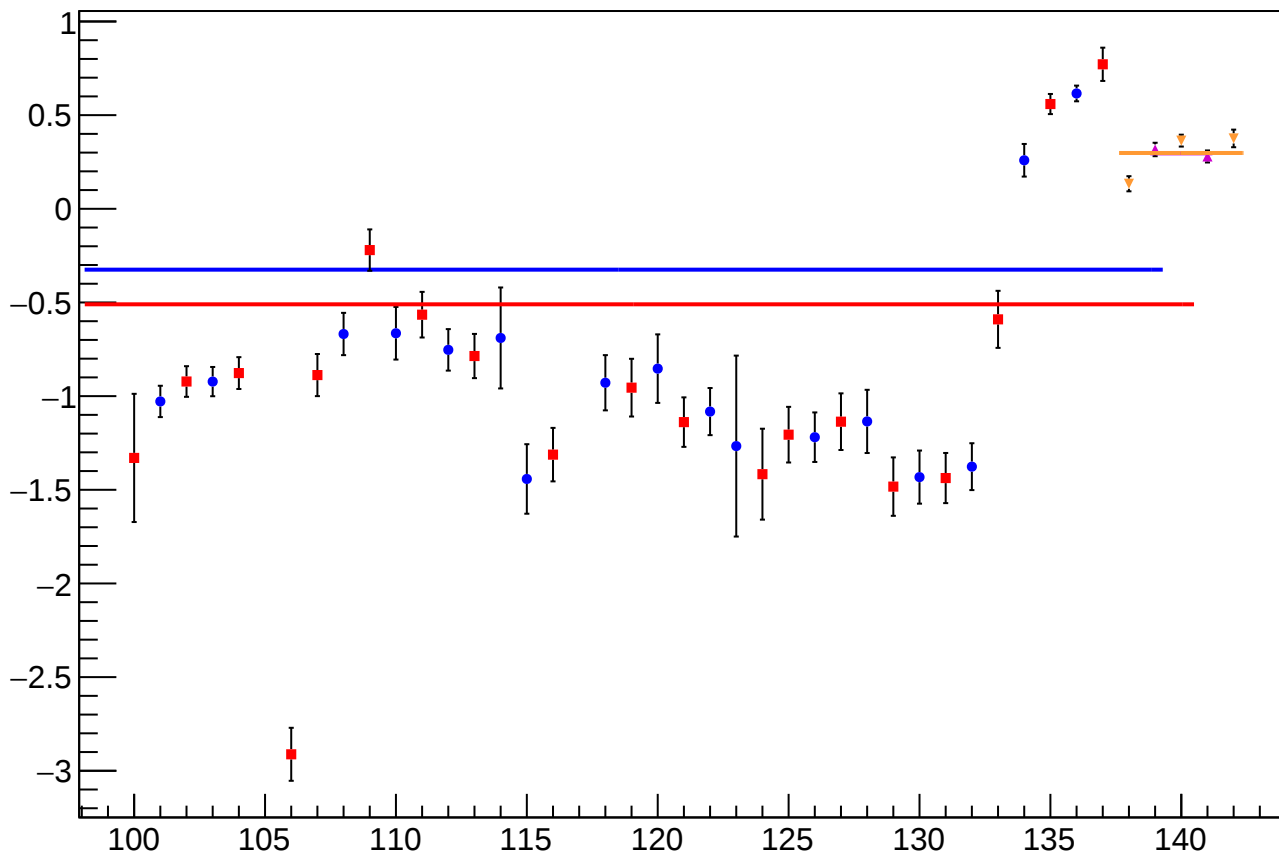
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 33.026 $\pm$ 0.363 χ^2 /NDF:3624.9/18

Out: 31.736 $\pm$ 0.335 χ^2 /NDF:3379.2/21

All: 32.329 $\pm$ 0.246 χ^2 /NDF: 7010.9/40

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: 0.298 ± 0.022 χ^2/NDF : 23.6/2

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.296 ± 0.024 χ^2/NDF : 0.6/1

Left: 0.297 ± 0.016 χ^2/NDF : 24.2/4

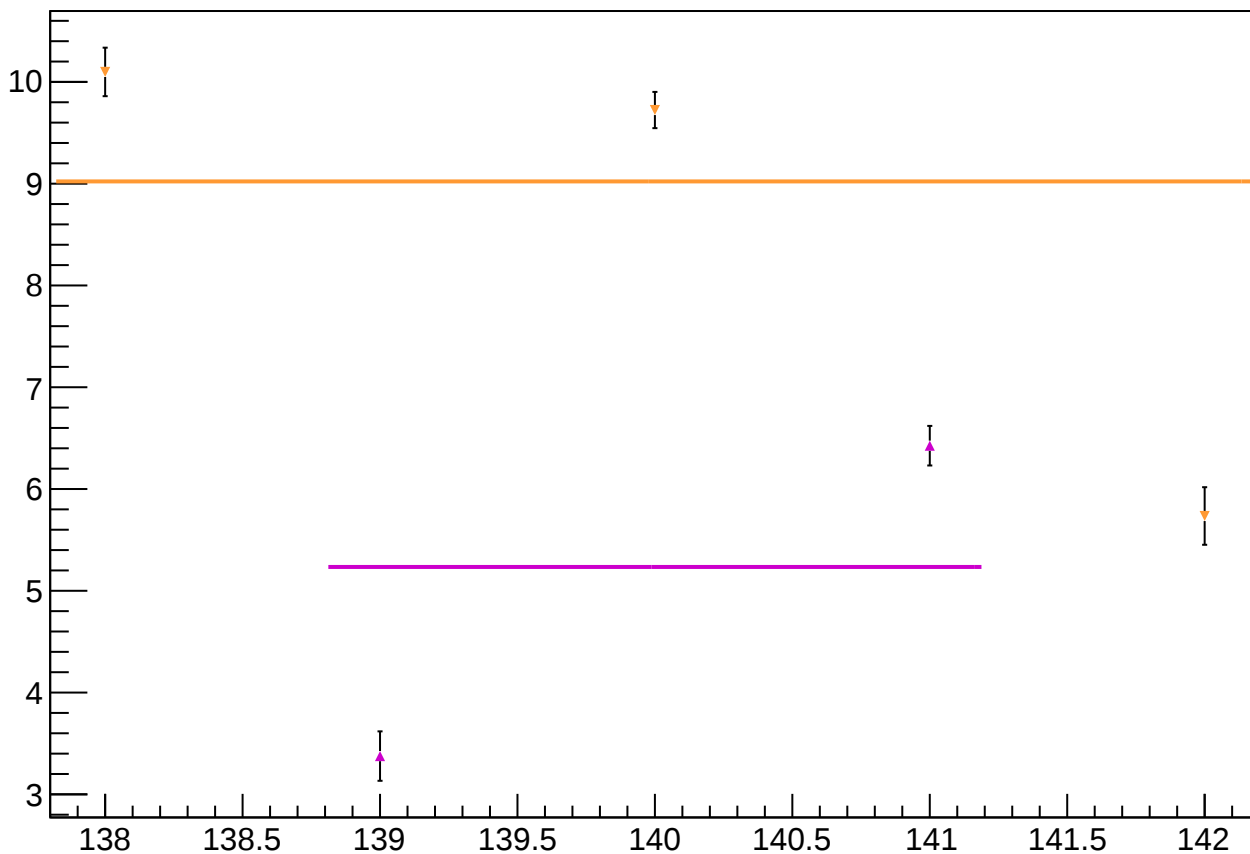
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: -0.002 ± 0.017 χ^2/NDF : 1335.0/18

Out: -0.045 ± 0.017 χ^2/NDF : 1761.8/21

All: -0.024 ± 0.012 χ^2/NDF : 3100.0/40

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: 9.022+/-0.127 χ^2/NDF :170.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.234+/-0.152 χ^2/NDF :96.1/1

Left: 7.457+/-0.098 χ^2/NDF : 632.6/4

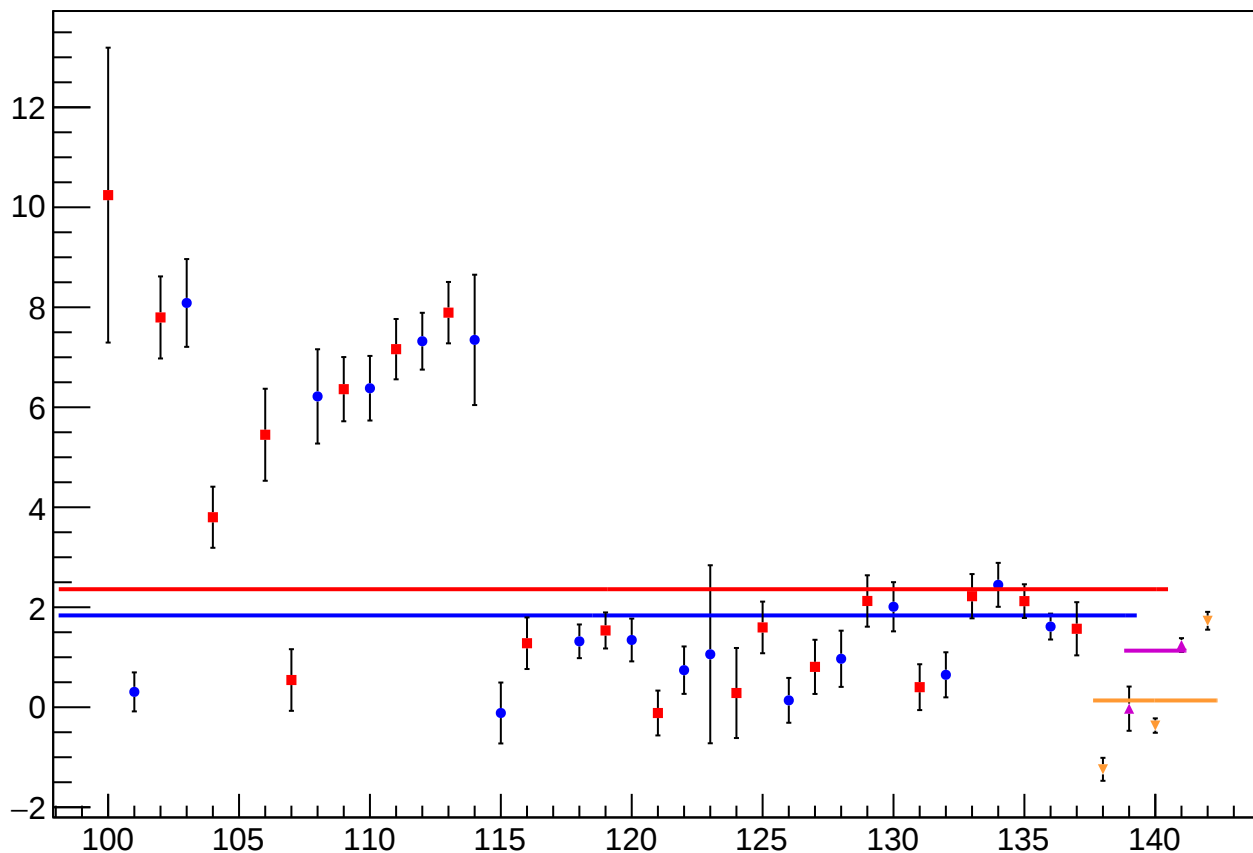
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.234+/-0.152 χ^2/NDF :96.1/1

Out: 9.022+/-0.127 χ^2/NDF :170.9/2

All: 7.457+/-0.098 χ^2/NDF : 632.6/4

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: 0.136 ± 0.101 χ^2/NDF : 128.2/2

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 1.132 ± 0.131 χ^2/NDF : 7.6/1

Left: 0.504 ± 0.080 χ^2/NDF : 171.9/4

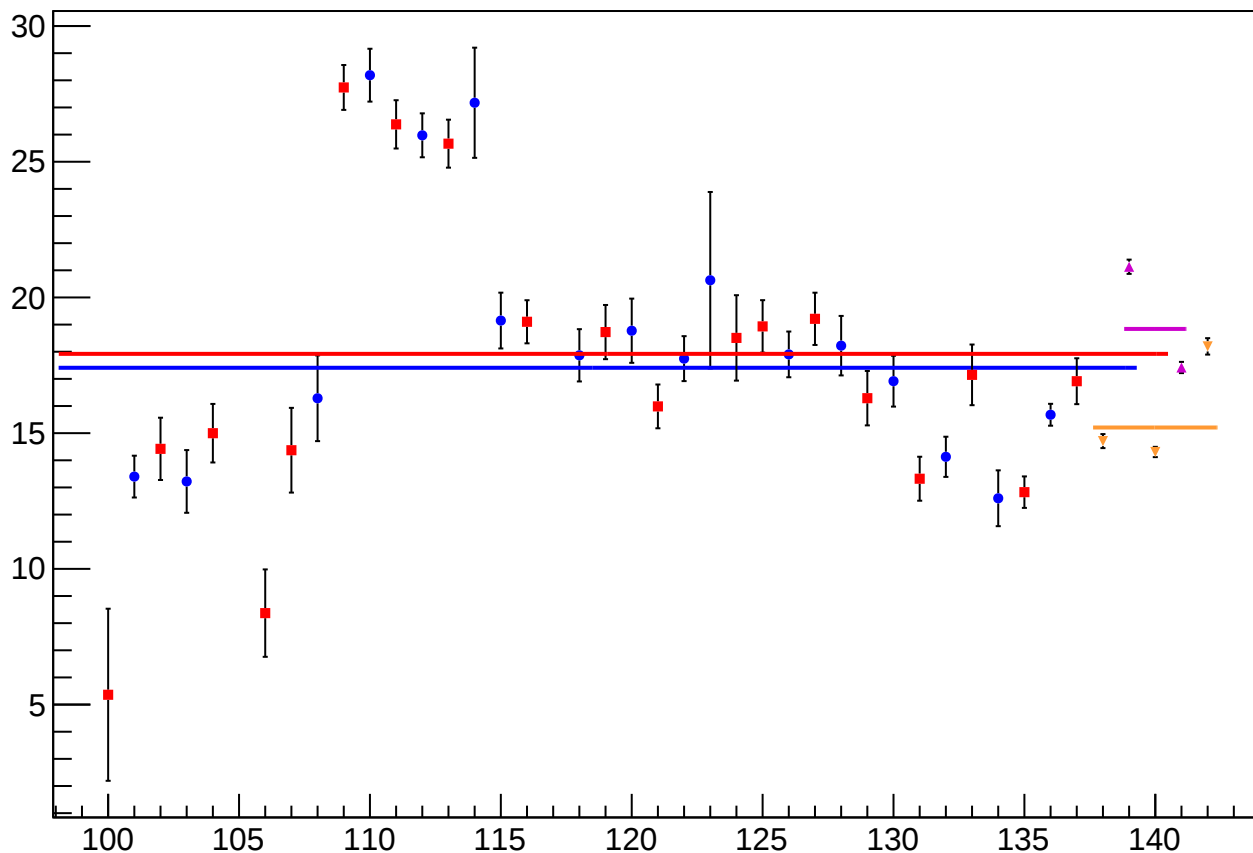
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.528 ± 0.087 χ^2/NDF : 317.8/18

Out: 1.034 ± 0.078 χ^2/NDF : 662.1/21

All: 1.253 ± 0.058 χ^2/NDF : 997.7/40

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 15.208 $\pm$ 0.136 χ^2 /NDF:123.9/2

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 18.840 $\pm$ 0.162 χ^2 /NDF:123.4/1

Left: 16.710 $\pm$ 0.104 χ^2 /NDF: 540.4/4

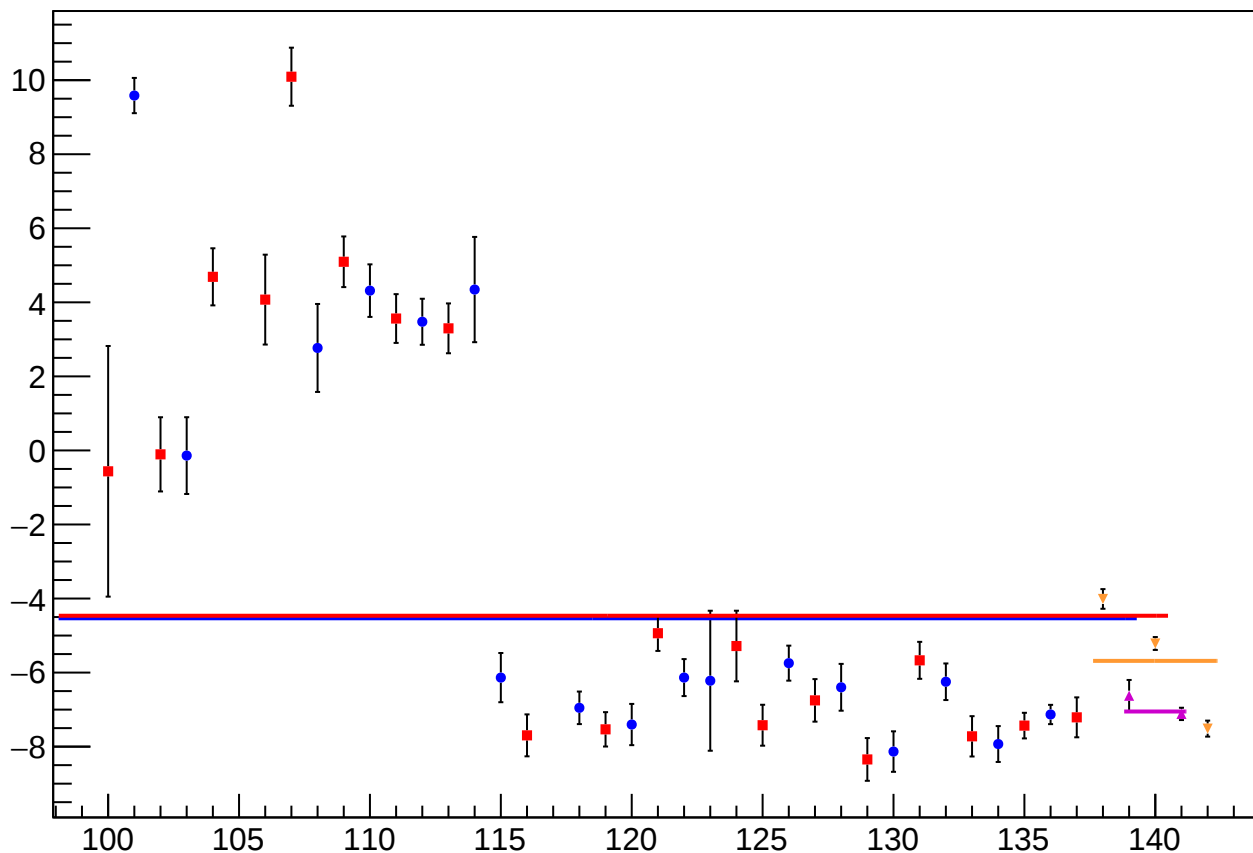
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 18.311 $\pm$ 0.129 χ^2 /NDF:517.2/18

Out: 15.968 $\pm$ 0.116 χ^2 /NDF:741.1/21

All: 17.014 $\pm$ 0.086 χ^2 /NDF: 1441.1/40

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: -5.684 ± 0.121 χ^2/NDF : 118.5/2

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.051 ± 0.155 χ^2/NDF : 1.1/1

Left: -6.202 ± 0.095 χ^2/NDF : 168.1/4

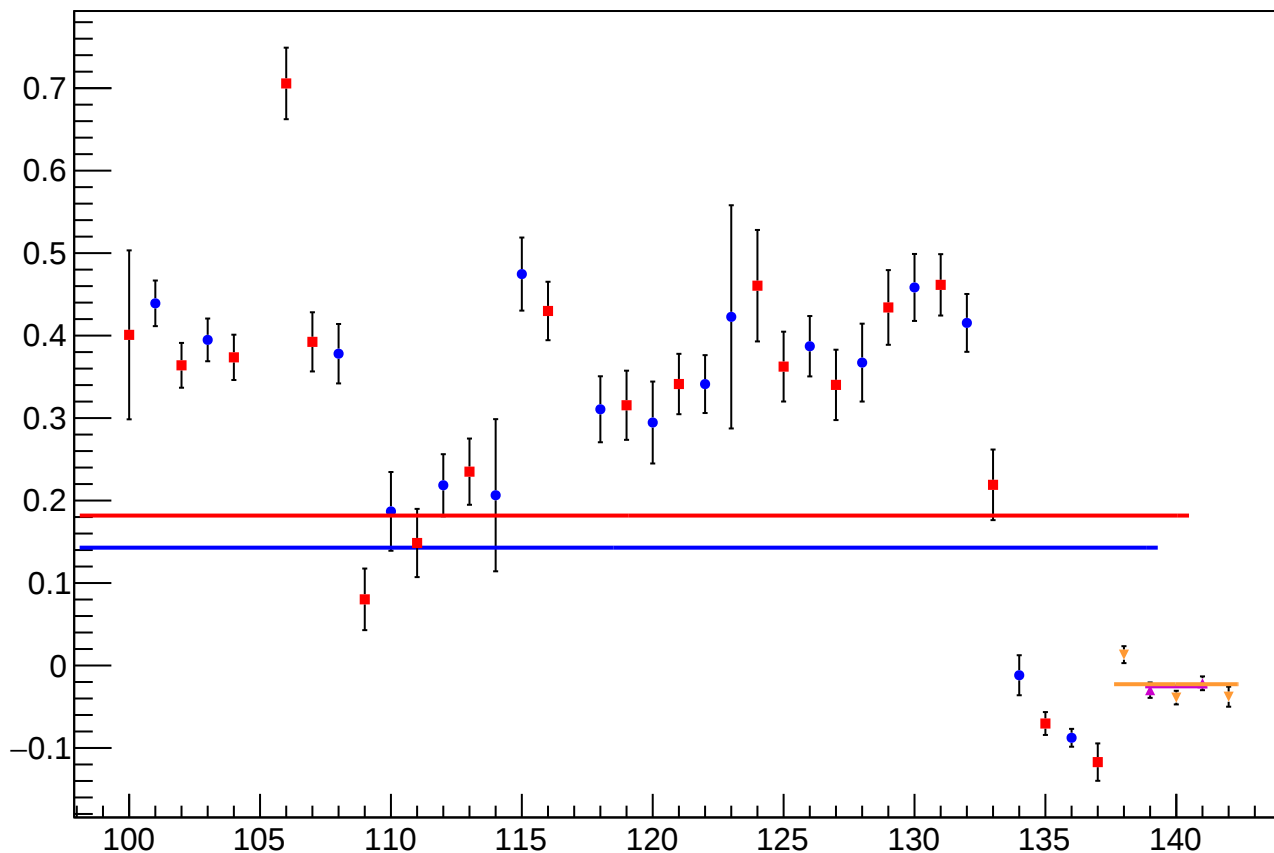
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -5.571 ± 0.099 χ^2/NDF : 1745.0/18

Out: -5.149 ± 0.091 χ^2/NDF : 1503.7/21

All: -5.341 ± 0.067 χ^2/NDF : 3258.5/40

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: -0.023 ± 0.006 $\chi^2/\text{NDF}: 17.6/2$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.025 ± 0.006 $\chi^2/\text{NDF}: 0.4/1$

Left: -0.024 ± 0.004 $\chi^2/\text{NDF}: 18.1/4$

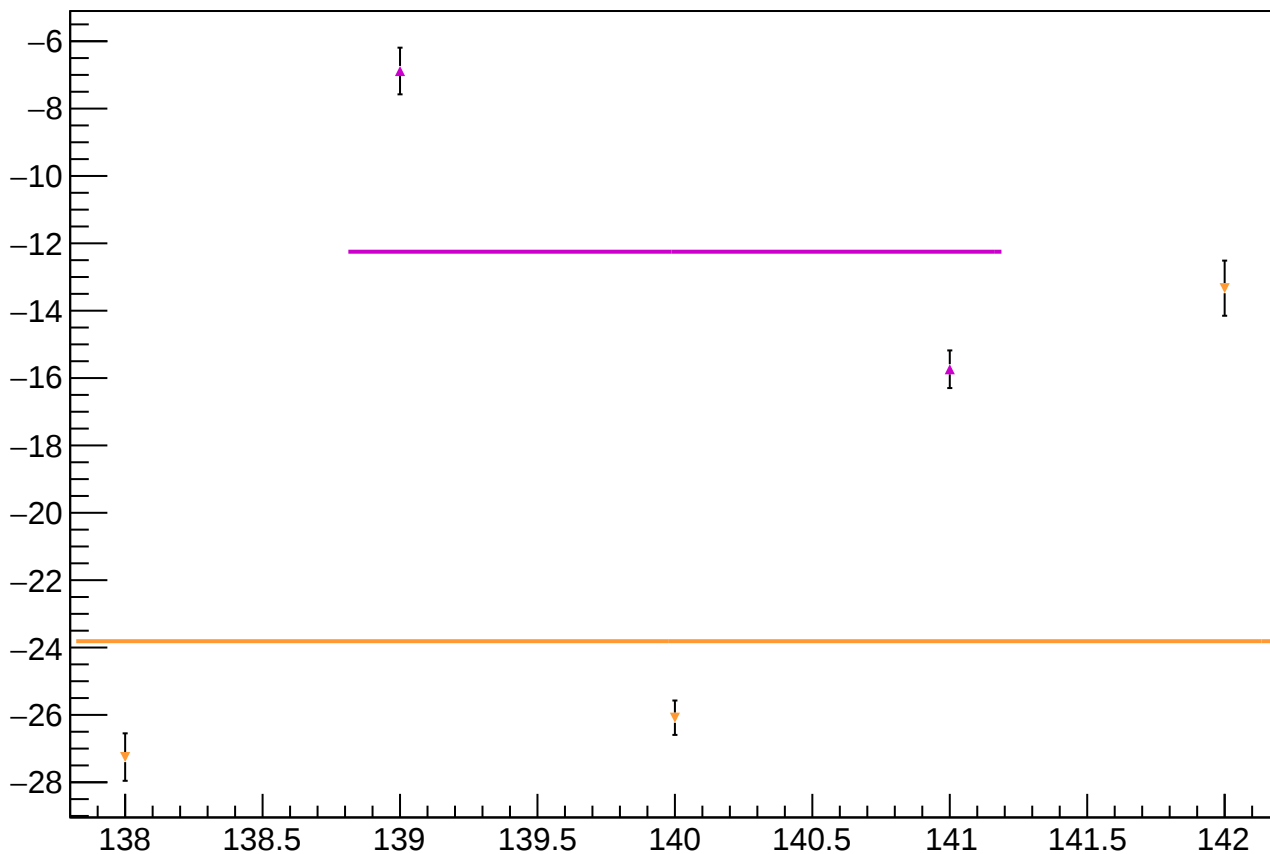
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.048 ± 0.005 $\chi^2/\text{NDF}: 1378.7/18$

Out: 0.054 ± 0.005 $\chi^2/\text{NDF}: 1506.9/21$

All: 0.051 ± 0.003 $\chi^2/\text{NDF}: 2886.3/40$

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: -23.812+/-0.369 χ^2/NDF :207.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.249+/-0.435 χ^2/NDF :99.0/1

Left: -18.971+/-0.281 χ^2/NDF : 717.6/4

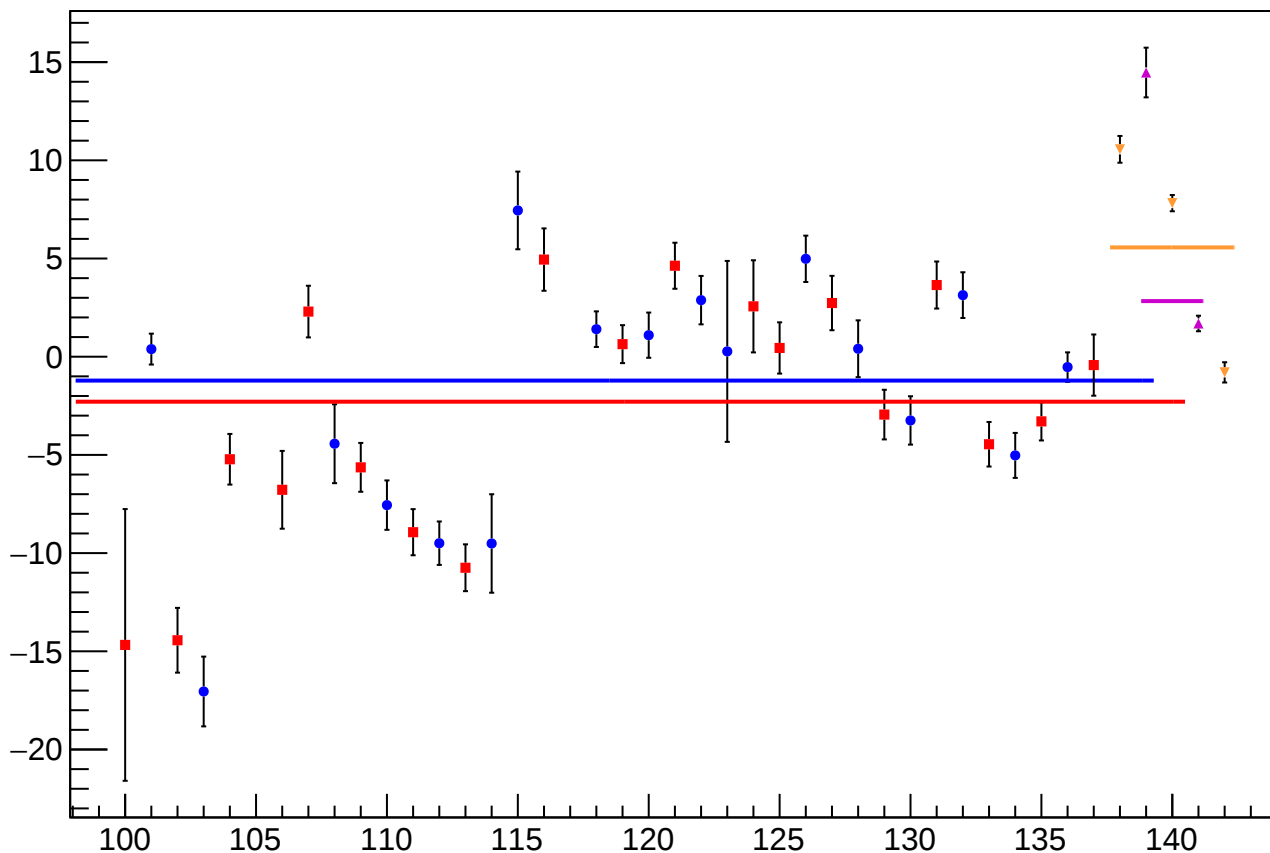
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.249+/-0.435 χ^2/NDF :99.0/1

Out: -23.812+/-0.369 χ^2/NDF :207.6/2

All: -18.971+/-0.281 χ^2/NDF : 717.6/4

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 $\pm$ 0.290 χ^2 /NDF: 278.7/16

Left Out: 5.565 $\pm$ 0.292 χ^2 /NDF:235.6/2

Right Out: -2.290 $\pm$ 0.302 χ^2 /NDF: 287.1/18

Left In: 2.832 $\pm$ 0.378 χ^2 /NDF:93.0/1

Left: 4.544 $\pm$ 0.231 χ^2 /NDF: 361.3/4

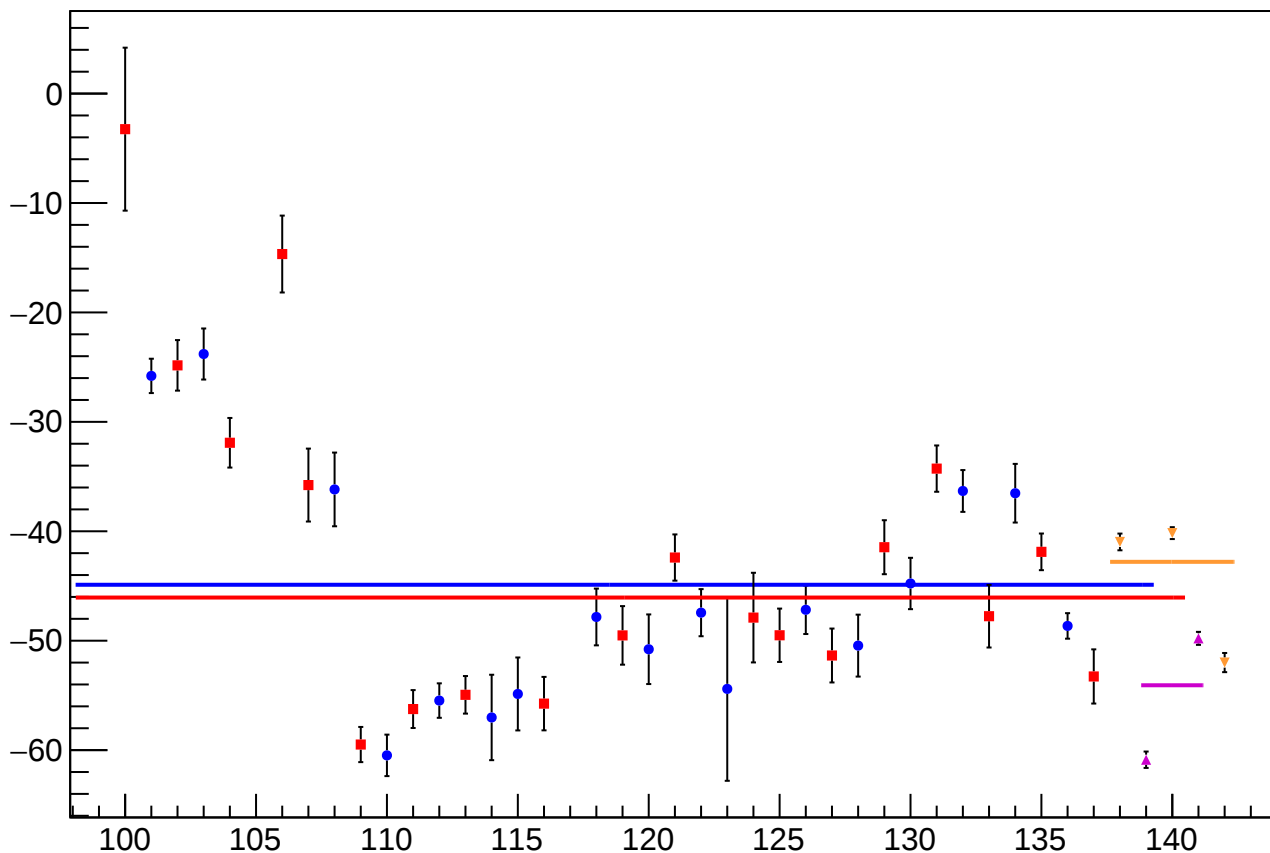
Right: -1.731 $\pm$ 0.209 χ^2 /NDF: 572.4/35

In: 0.288 $\pm$ 0.230 χ^2 /NDF:443.8/18

Out: 1.774 $\pm$ 0.210 χ^2 /NDF:872.4/21

All: 1.100 $\pm$ 0.155 χ^2 /NDF: 1339.0/40

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: -42.792 ± 0.395 χ^2/NDF : 139.4/2

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -54.073 ± 0.465 χ^2/NDF : 134.7/1

Left: -47.520 ± 0.301 χ^2/NDF : 615.5/4

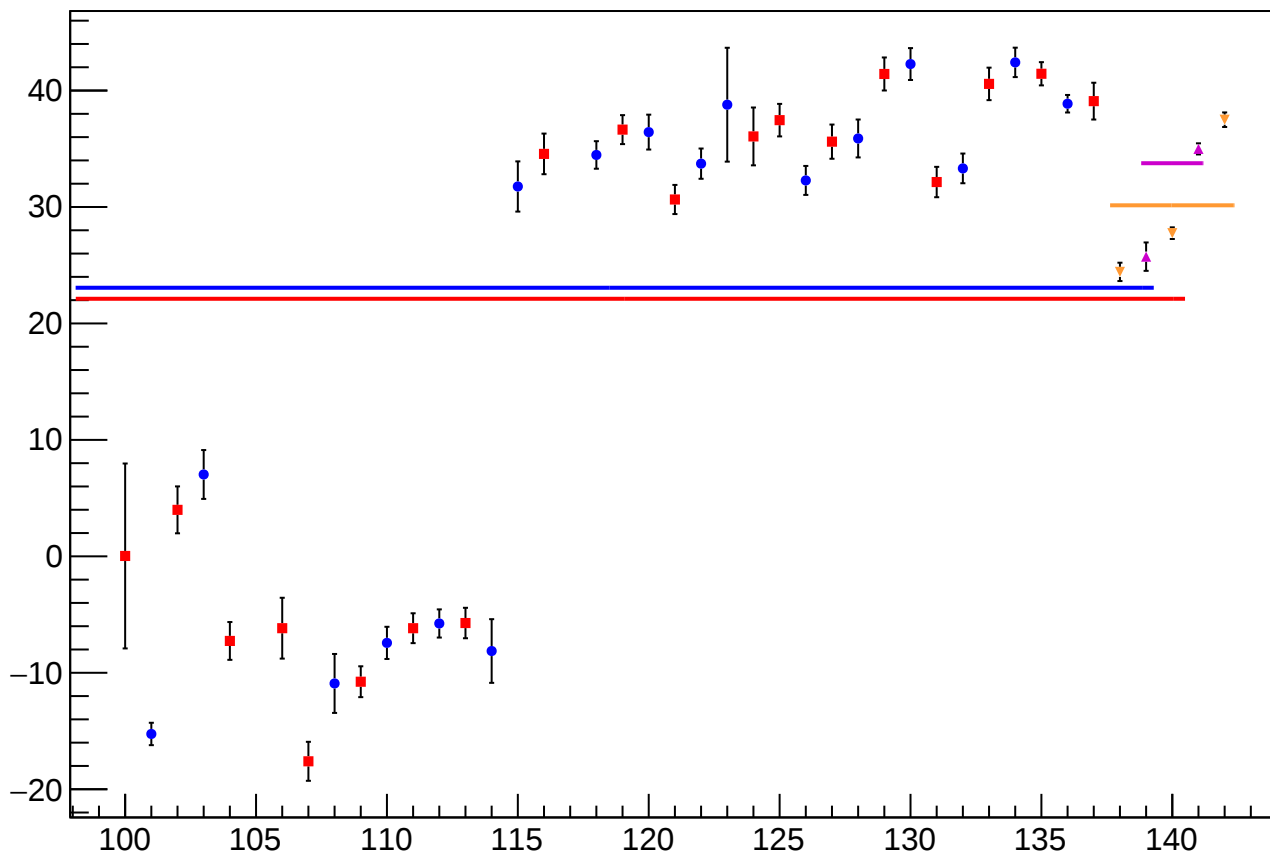
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -50.017 ± 0.348 χ^2/NDF : 727.2/18

Out: -43.964 ± 0.316 χ^2/NDF : 617.6/21

All: -46.706 ± 0.234 χ^2/NDF : 1510.5/40

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: 30.145 $\pm$ 0.350 χ^2 /NDF:213.5/2

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 33.759 $\pm$ 0.445 χ^2 /NDF:50.0/1

Left: 31.529 $\pm$ 0.275 χ^2 /NDF: 304.3/4

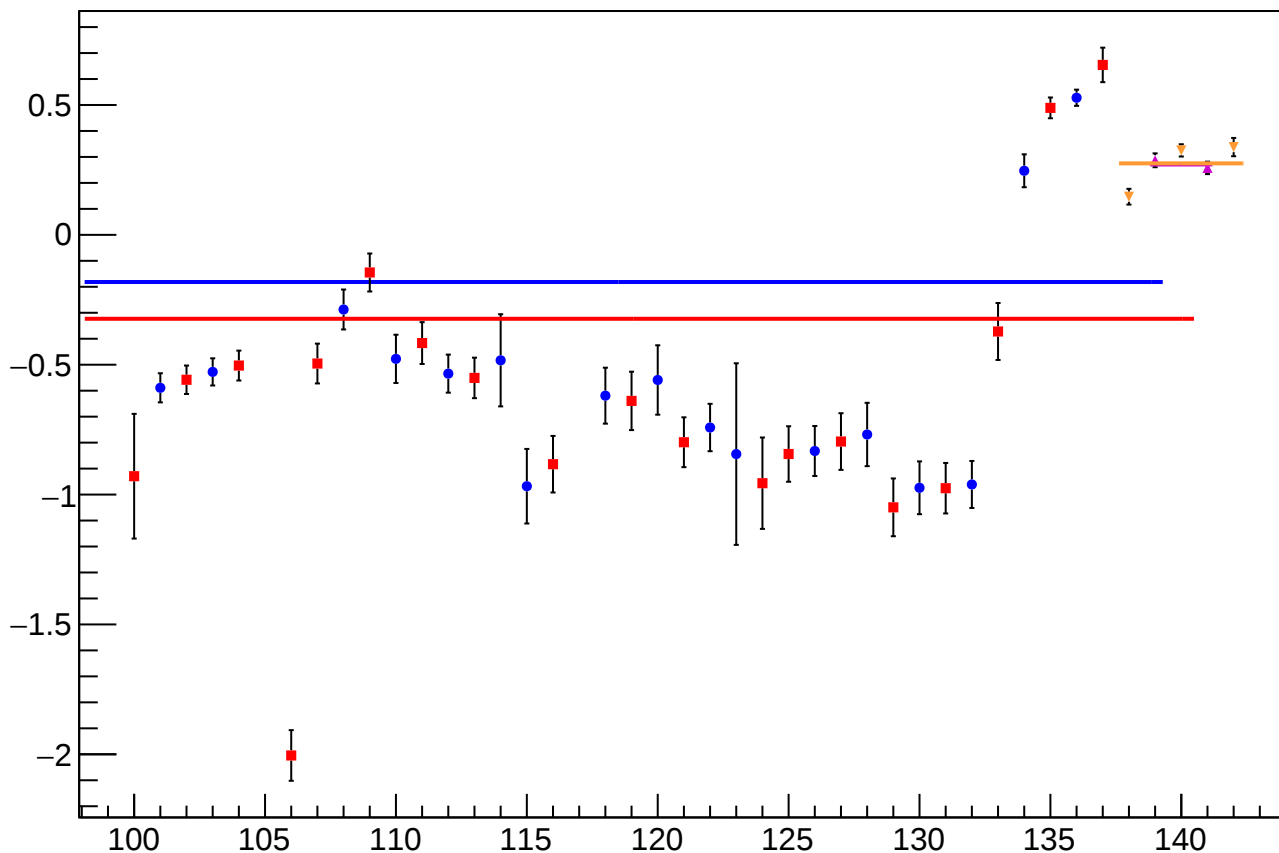
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 26.813 $\pm$ 0.263 χ^2 /NDF:4759.2/18

Out: 26.010 $\pm$ 0.244 χ^2 /NDF:4517.4/21

All: 26.381 $\pm$ 0.179 χ^2 /NDF: 9281.6/40

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: 0.275 ± 0.016 χ^2/NDF : 25.6/2

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.271 ± 0.018 χ^2/NDF : 0.7/1

Left: 0.273 ± 0.012 χ^2/NDF : 26.3/4

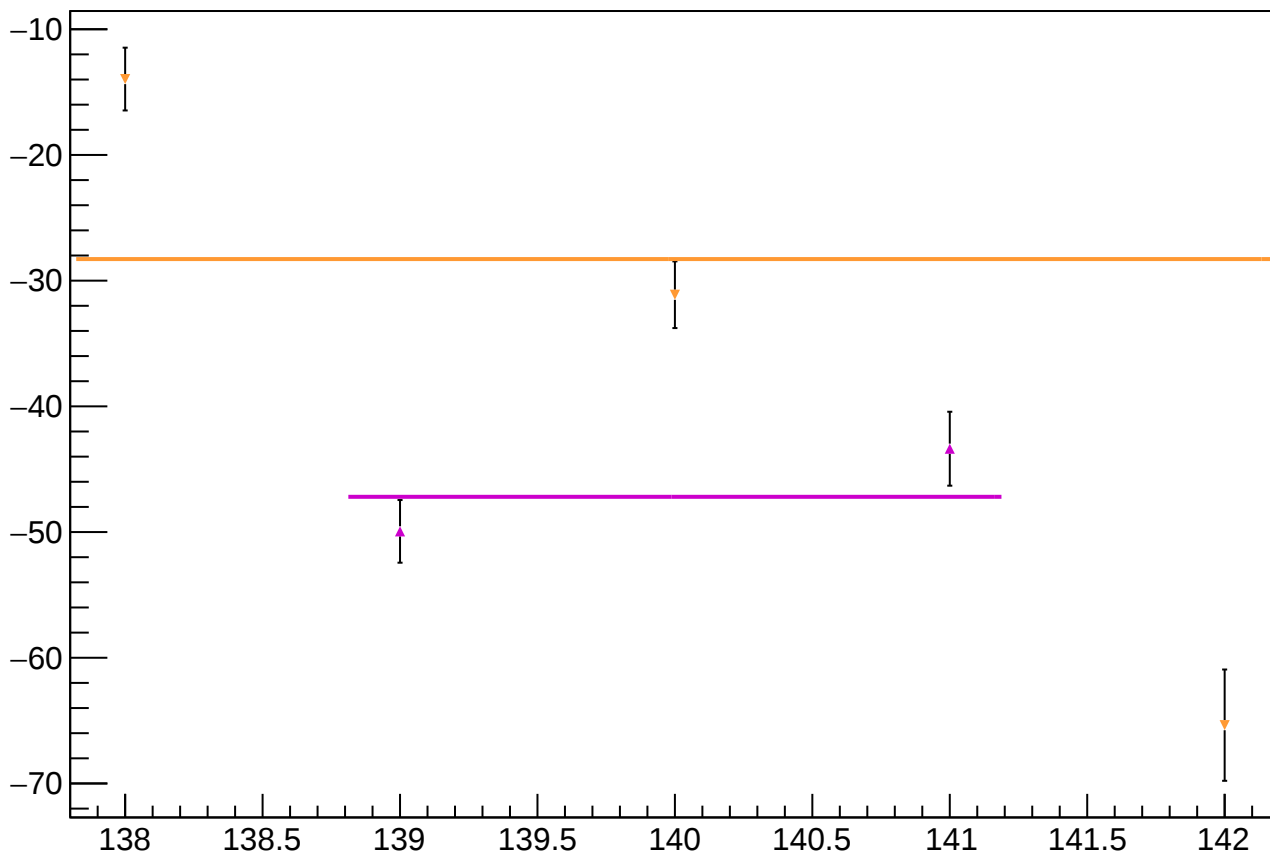
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.043 ± 0.013 χ^2/NDF : 1321.1/18

Out: 0.005 ± 0.012 χ^2/NDF : 1804.8/21

All: 0.024 ± 0.009 χ^2/NDF : 3130.7/40

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -28.283+/-1.682 χ^2/NDF :104.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.195+/-1.902 χ^2/NDF :2.9/1

Left: -36.585+/-1.260 χ^2/NDF : 162.6/4

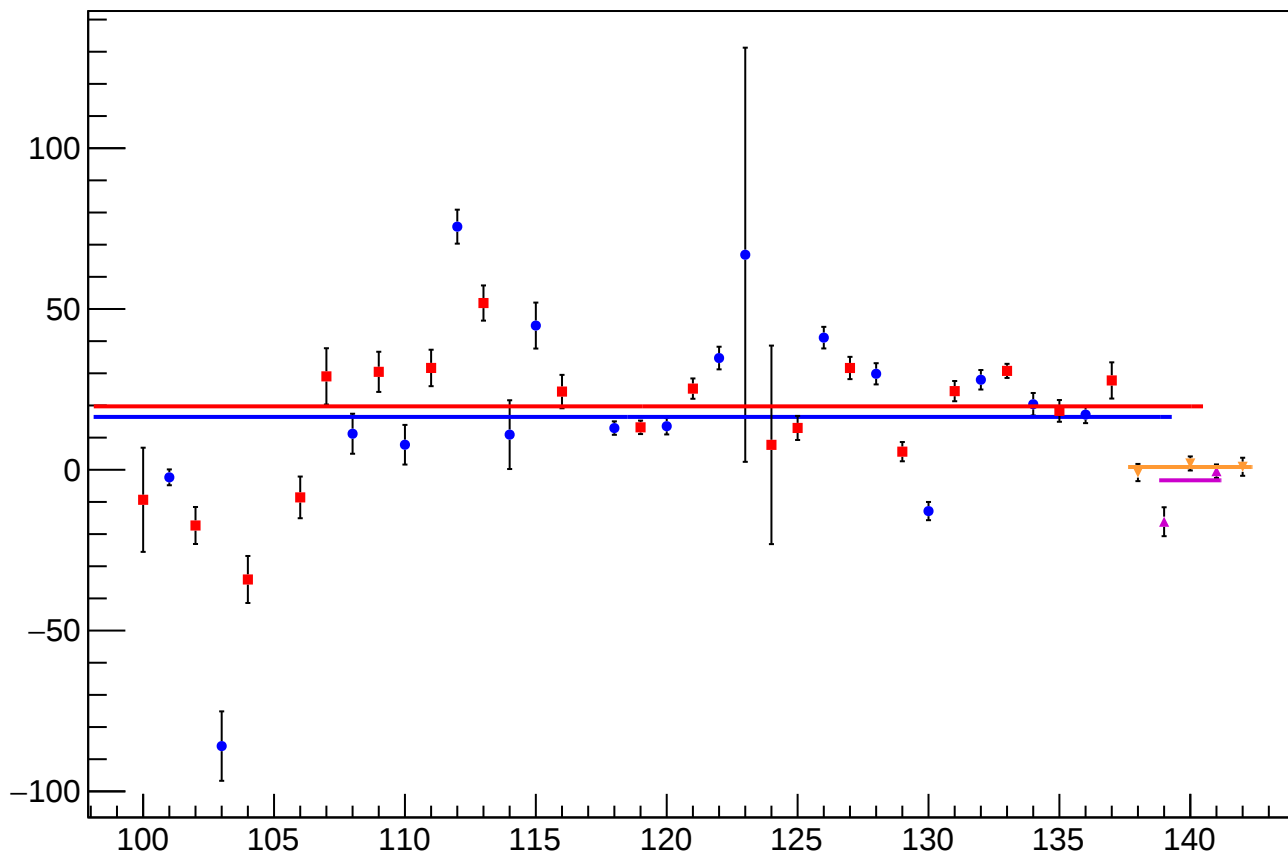
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.195+/-1.902 χ^2/NDF :2.9/1

Out: -28.283+/-1.682 χ^2/NDF :104.2/2

All: -36.585+/-1.260 χ^2/NDF : 162.6/4

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: 0.863 $\pm$ 1.449 χ^2 /NDF: 0.7/2

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: -3.272 $\pm$ 1.909 χ^2 /NDF: 10.0/1

Left: -0.650 $\pm$ 1.154 χ^2 /NDF: 13.6/4

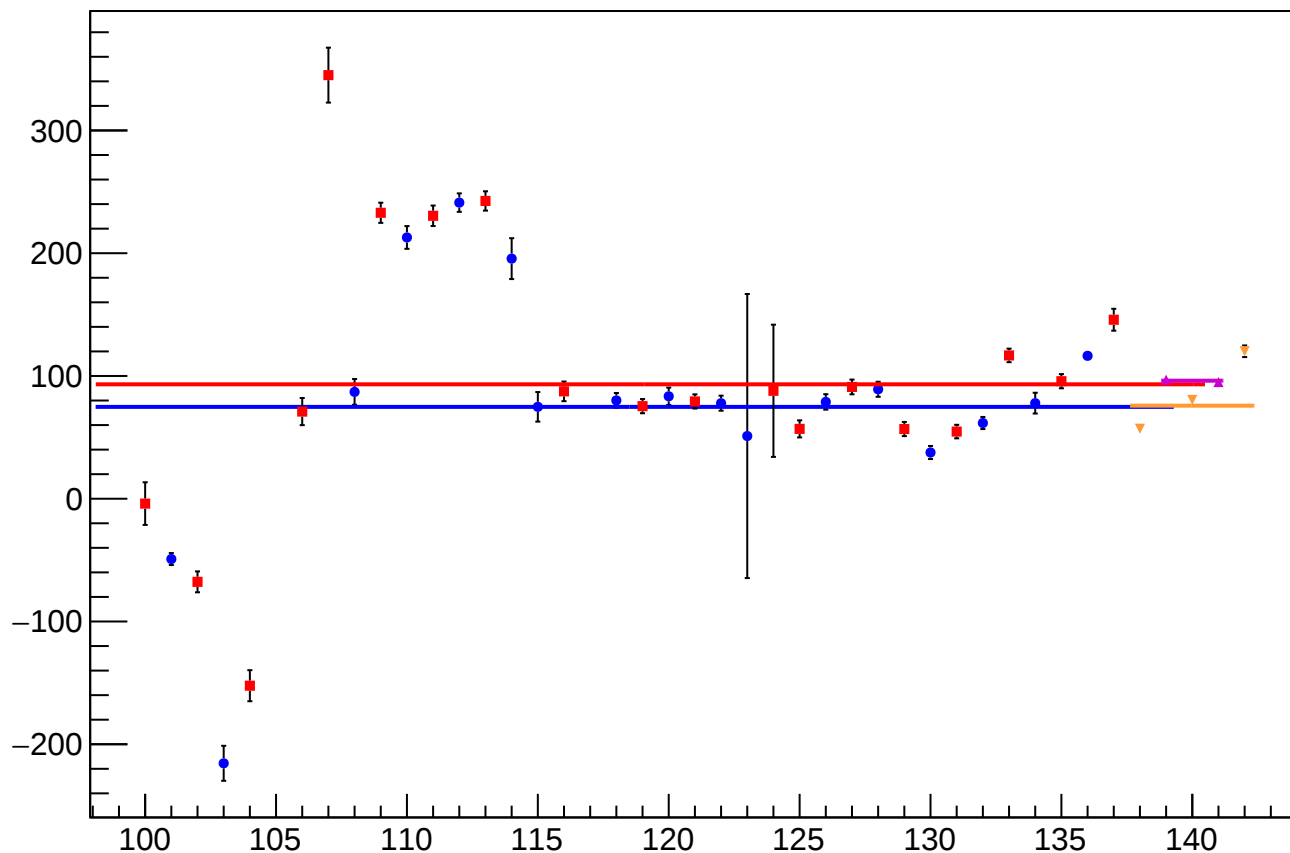
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 13.186 $\pm$ 0.775 χ^2 /NDF: 616.0/18

Out: 14.494 $\pm$ 0.763 χ^2 /NDF: 364.8/21

All: 13.850 $\pm$ 0.544 χ^2 /NDF: 982.2/40

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 75.811+/-1.808 χ^2/NDF :138.4/2

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 96.157+/-2.043 χ^2/NDF :0.2/1

Left: 84.746+/-1.354 χ^2/NDF : 194.3/4

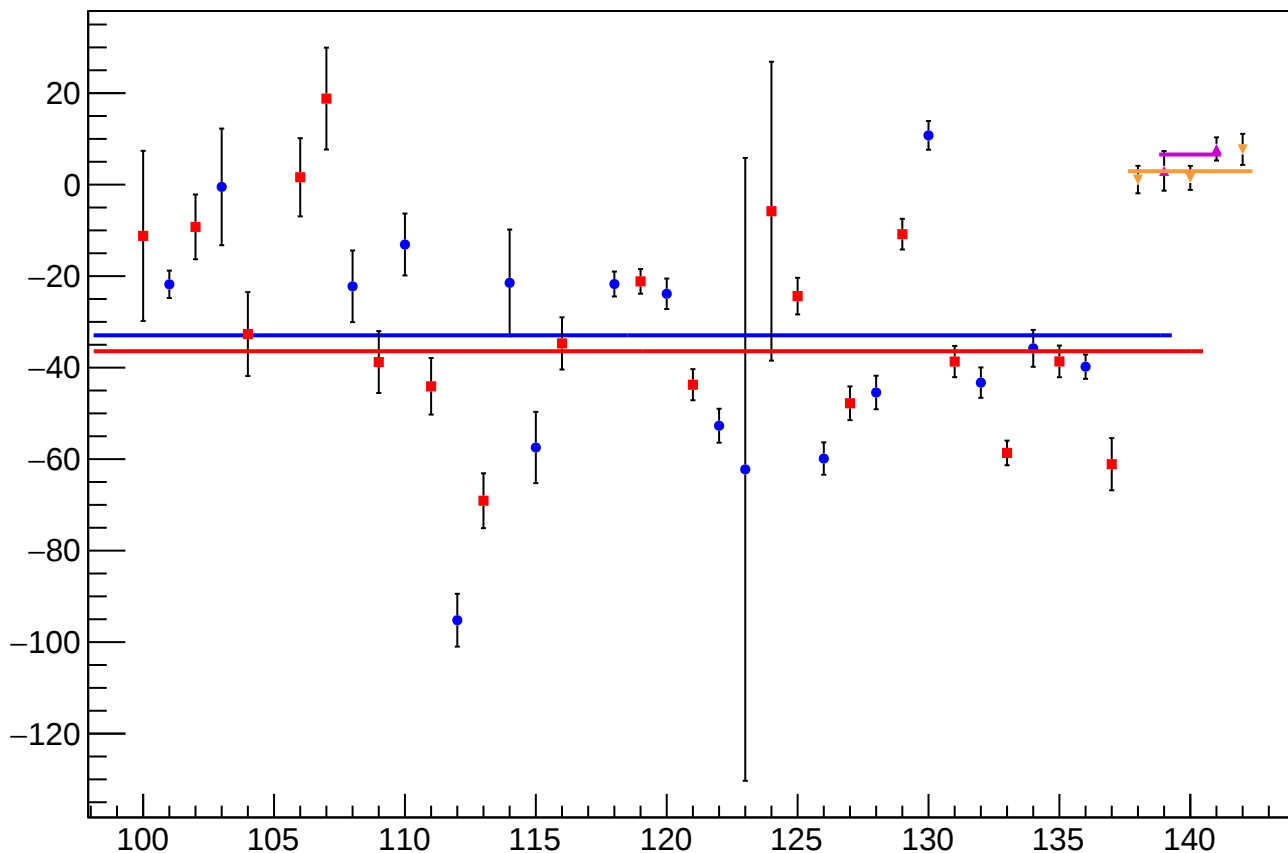
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 83.175+/-1.278 χ^2/NDF :2063.4/18

Out: 84.981+/-1.243 χ^2/NDF :2188.0/21

All: 84.103+/-0.891 χ^2/NDF : 4252.4/40

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: 2.938 ± 1.709 χ^2/NDF : 2.7/2

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: 6.585 ± 2.184 χ^2/NDF : 0.9/1

Left: 4.323 ± 1.346 χ^2/NDF : 5.3/4

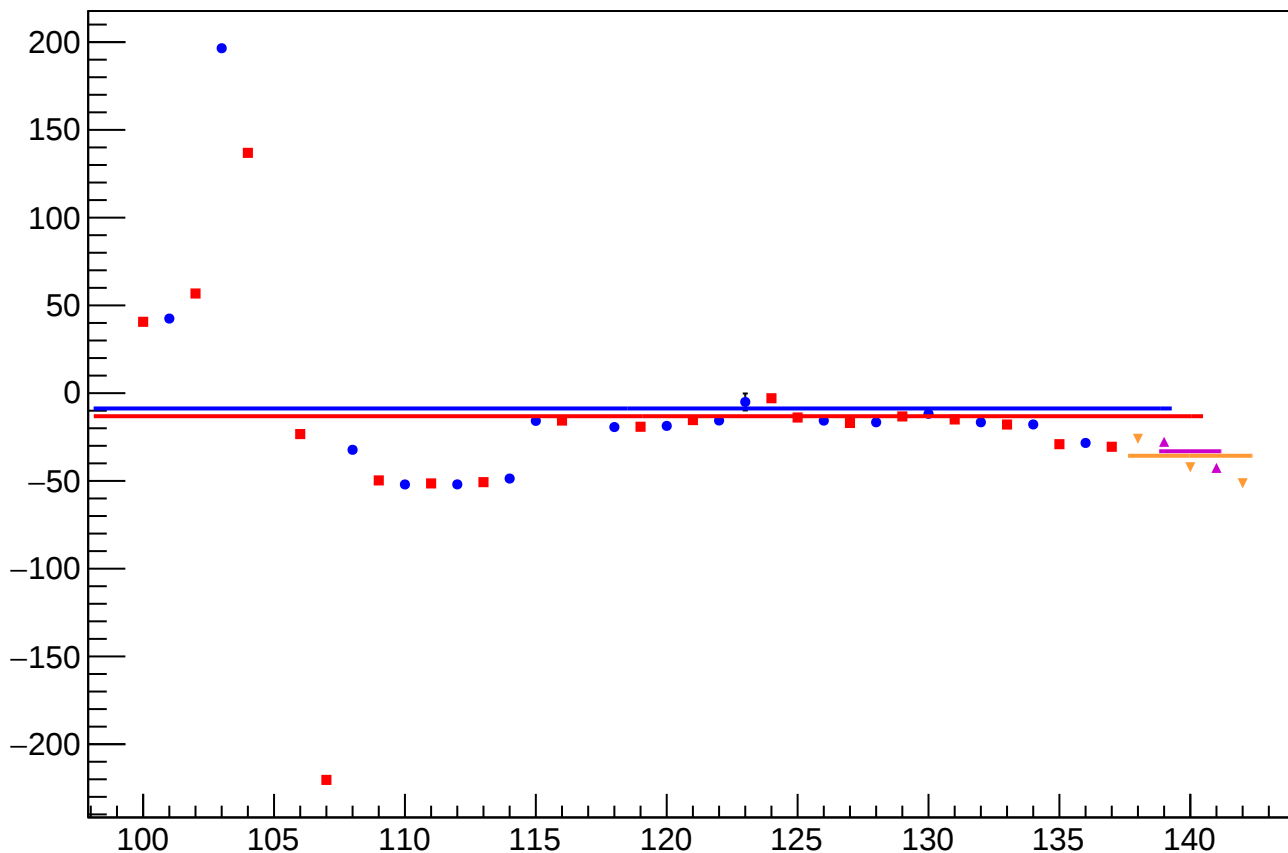
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -26.385 ± 0.889 χ^2/NDF : 764.9/18

Out: -25.998 ± 0.879 χ^2/NDF : 687.6/21

All: -26.189 ± 0.625 χ^2/NDF : 1452.6/40

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: -35.664 ± 0.074 $\chi^2/\text{NDF}: 18091.2/2$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -33.102 ± 0.076 $\chi^2/\text{NDF}: 8860.5/1$

Left: -34.421 ± 0.053 $\chi^2/\text{NDF}: 27538.4/4$

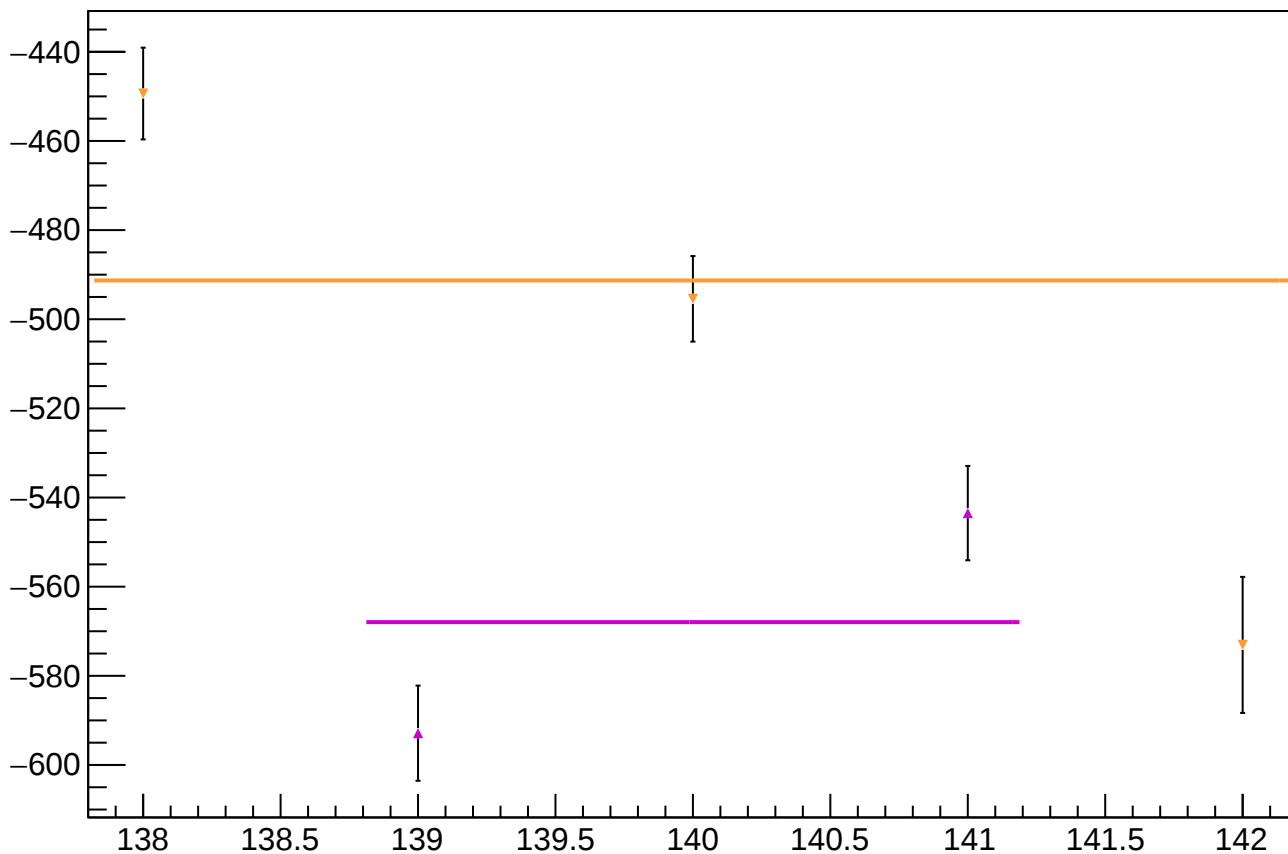
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -17.877 ± 0.047 $\chi^2/\text{NDF}: 649093.5/18$

Out: -22.425 ± 0.047 $\chi^2/\text{NDF}: 631612.5/21$

All: -20.112 ± 0.033 $\chi^2/\text{NDF}: 1285403.4/40$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -491.295+/-6.377 χ^2/NDF :45.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -567.954+/-7.517 χ^2/NDF :10.8/1

Left: -523.380+/-4.863 χ^2/NDF : 116.8/4

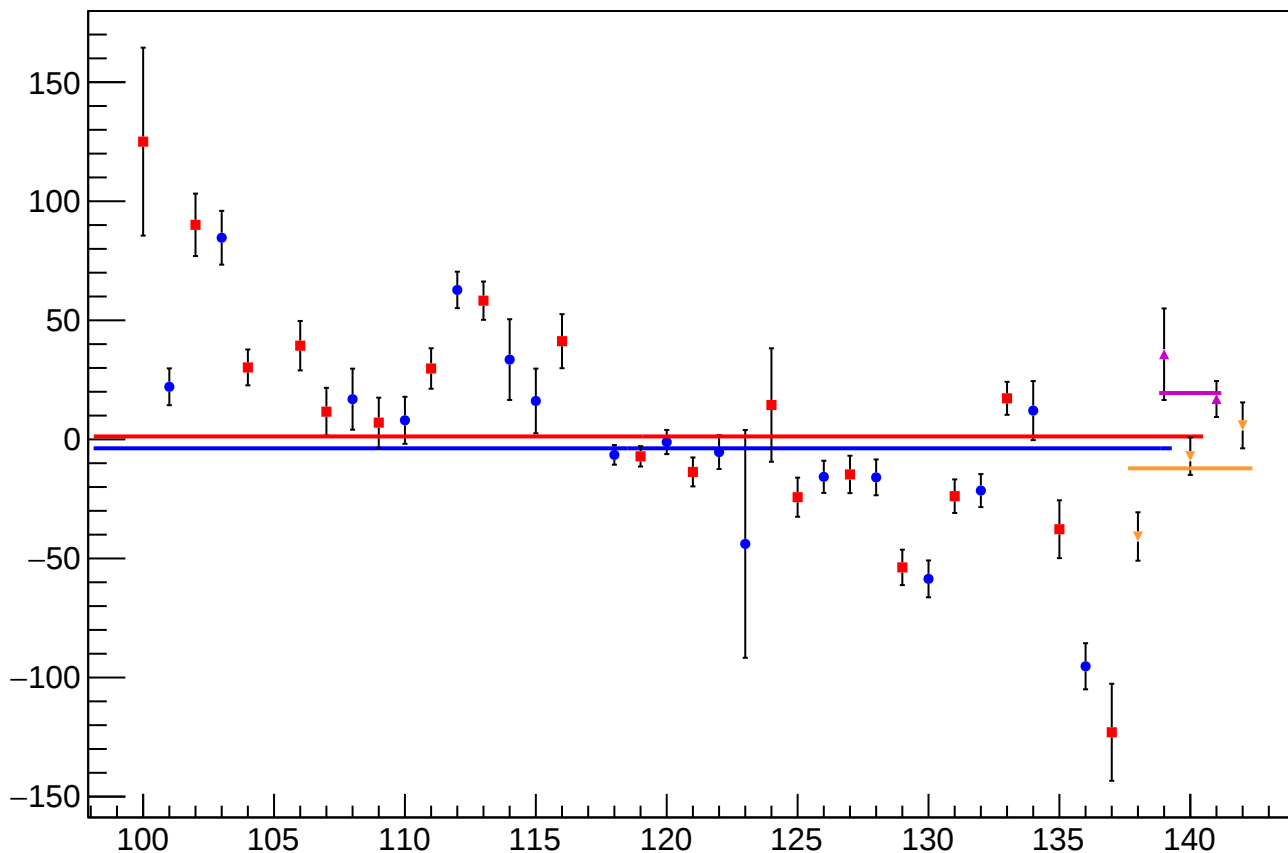
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -567.954+/-7.517 χ^2/NDF :10.8/1

Out: -491.295+/-6.377 χ^2/NDF :45.5/2

All: -523.380+/-4.863 χ^2/NDF : 116.8/4

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: -12.157 ± 5.222 χ^2/NDF : 11.9/2

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 19.468 ± 7.016 χ^2/NDF : 0.8/1

Left: -0.883 ± 4.189 χ^2/NDF : 25.8/4

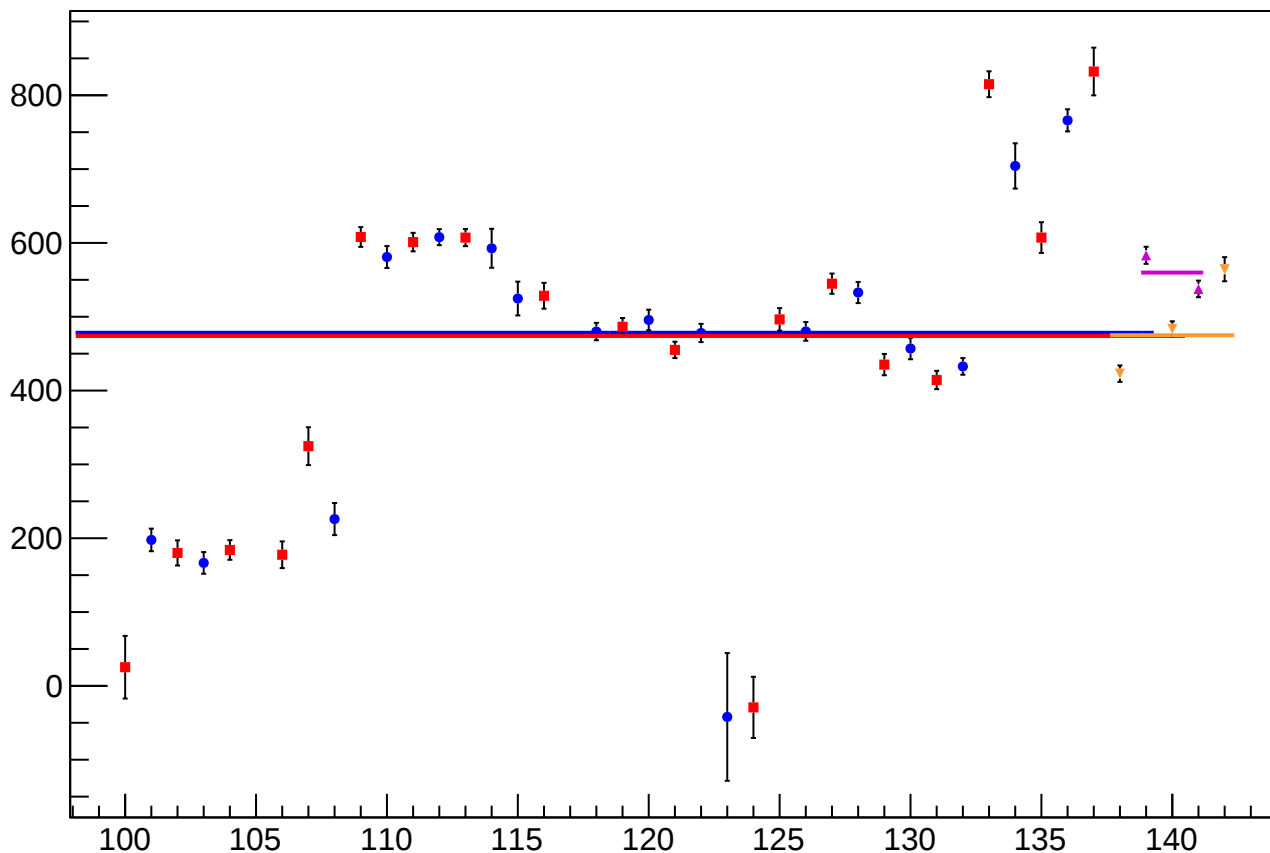
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -2.170 ± 1.827 χ^2/NDF : 325.1/18

Out: -0.348 ± 1.798 χ^2/NDF : 321.2/21

All: -1.245 ± 1.282 χ^2/NDF : 646.8/40

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 474.954+/-6.843 χ^2/NDF : 52.4/2

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 559.827+/-8.063 χ^2/NDF : 8.0/1

Left: 510.485+/-5.217 χ^2/NDF : 124.8/4

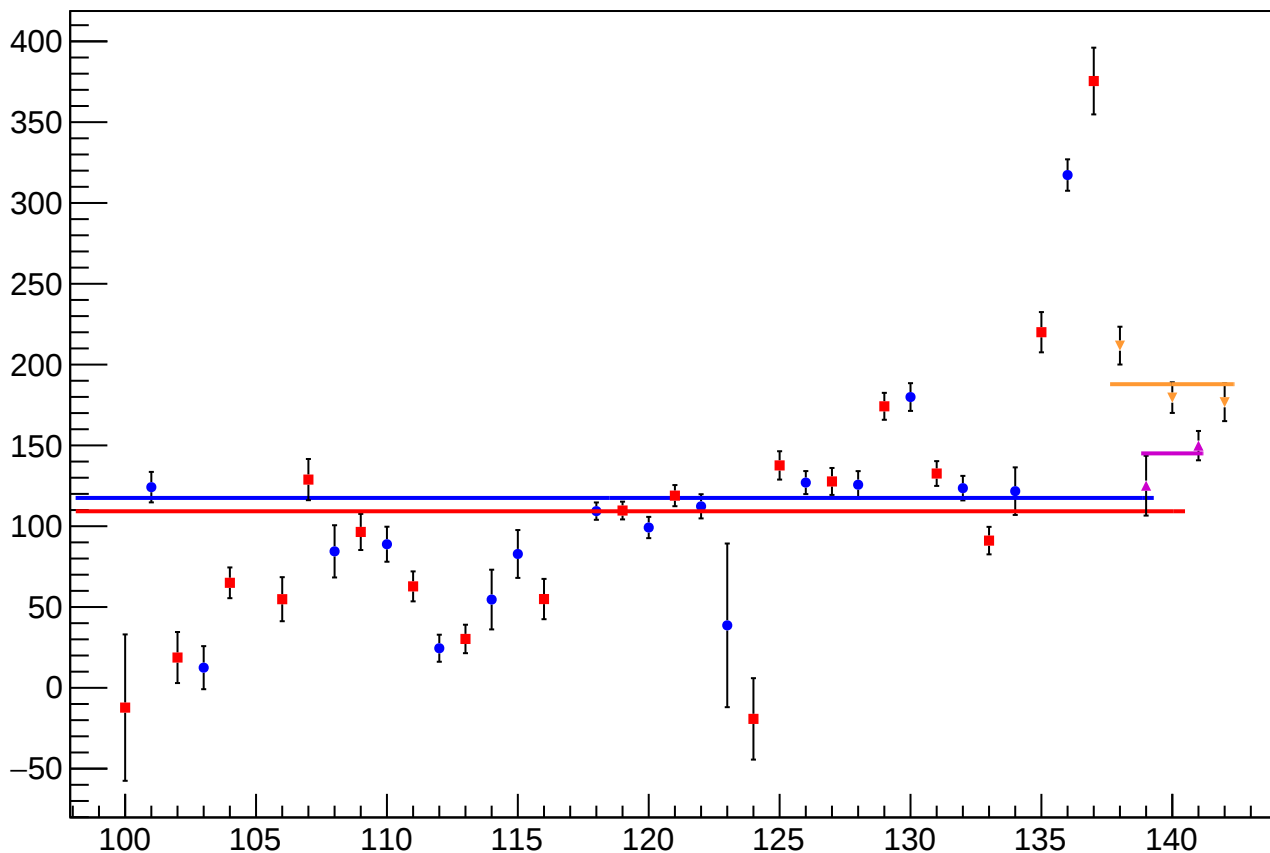
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 492.060+/-3.316 χ^2/NDF : 1720.9/18

Out: 474.182+/-3.137 χ^2/NDF : 2340.8/21

All: 482.624+/-2.279 χ^2/NDF : 4077.0/40

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: 187.874 $\pm$ 6.230 χ^2 /NDF: 5.8/2

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 145.058 $\pm$ 8.150 χ^2 /NDF: 1.4/1

Left: 172.083 $\pm$ 4.949 χ^2 /NDF: 24.7/4

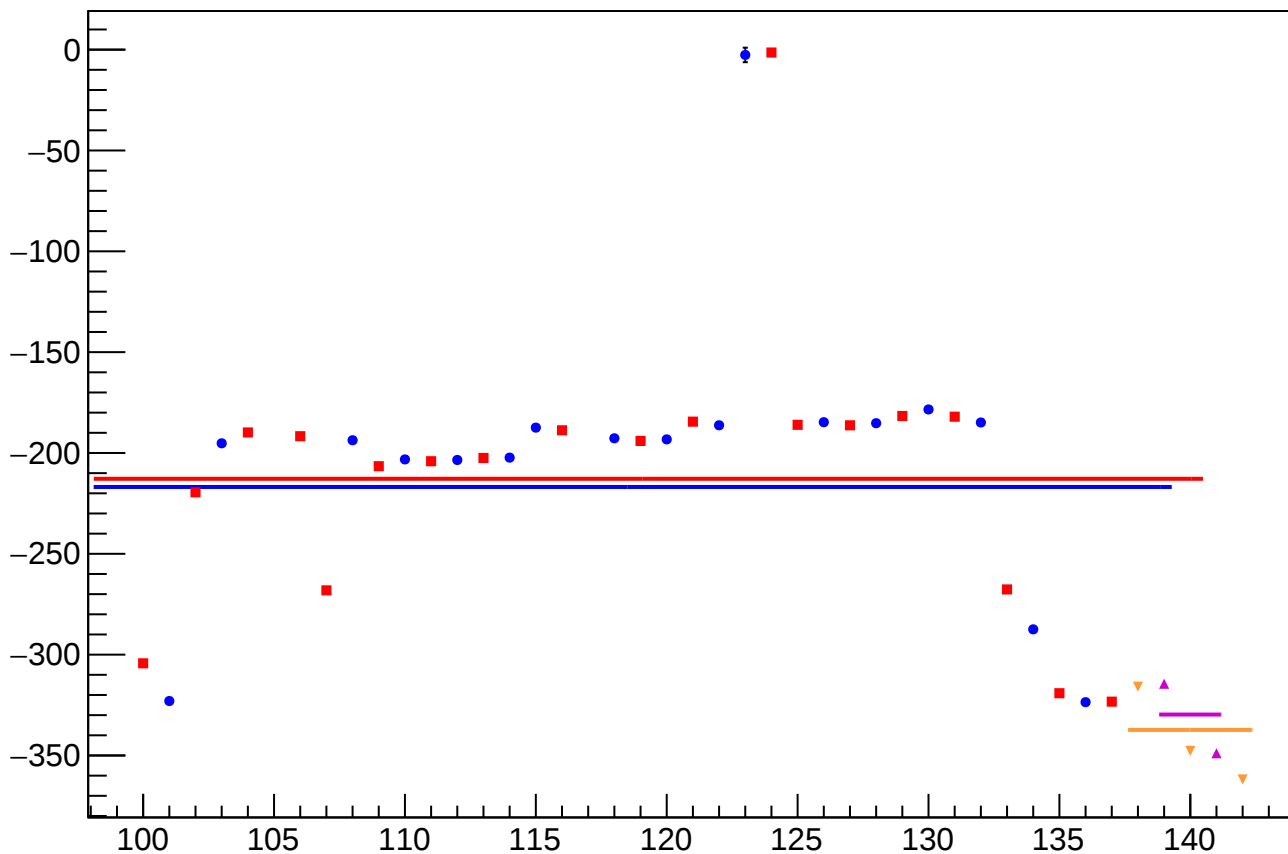
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 119.370 $\pm$ 2.122 χ^2 /NDF: 718.0/18

Out: 118.006 $\pm$ 2.079 χ^2 /NDF: 716.8/21

All: 118.674 $\pm$ 1.485 χ^2 /NDF: 1435.1/40

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -337.317+/-0.284 χ^2/NDF : 4275.5/2

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -329.705+/-0.304 χ^2/NDF : 3179.4/1

Left: -333.767+/-0.207 χ^2/NDF : 7790.2/4

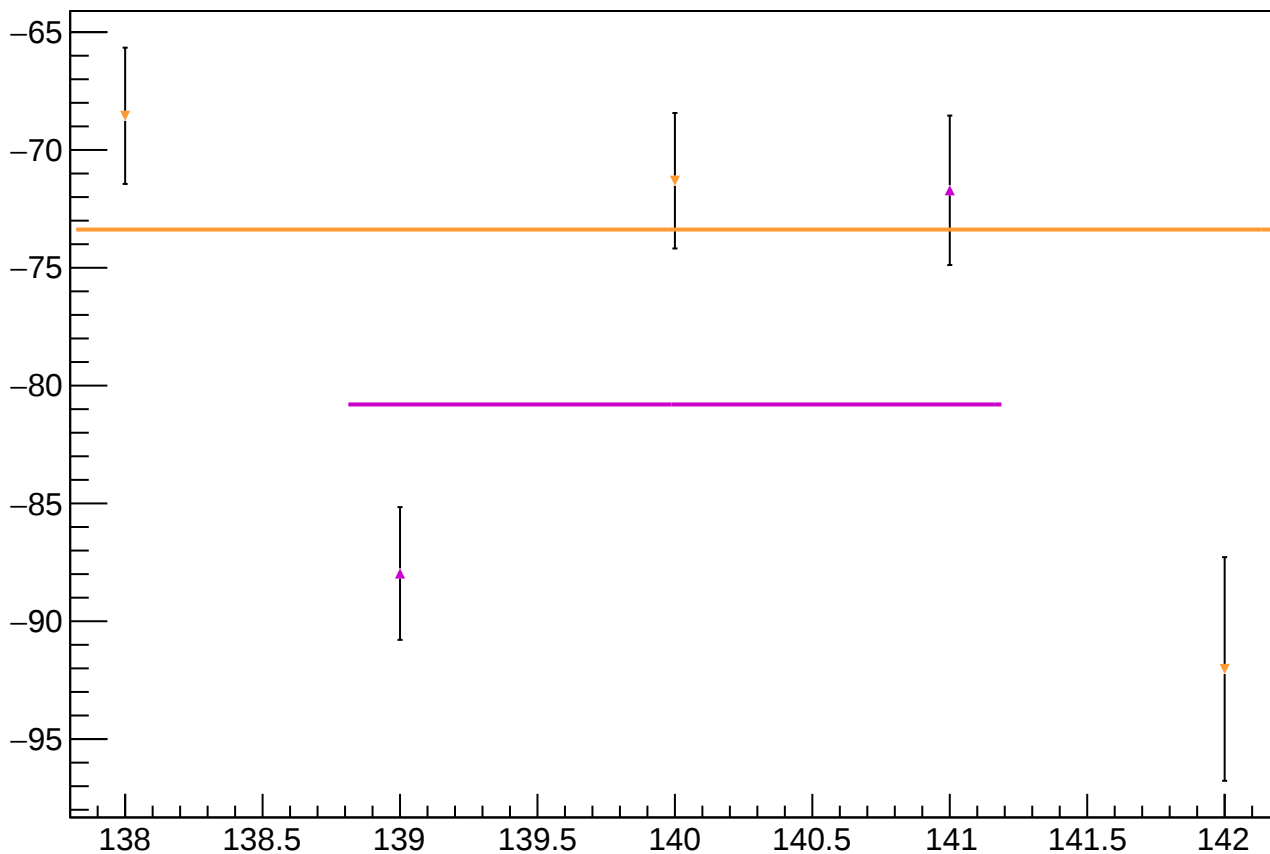
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -235.676+/-0.124 χ^2/NDF : 265179.1/18

Out: -234.397+/-0.118 χ^2/NDF : 279887.0/21

All: -235.006+/-0.086 χ^2/NDF : 545121.9/40

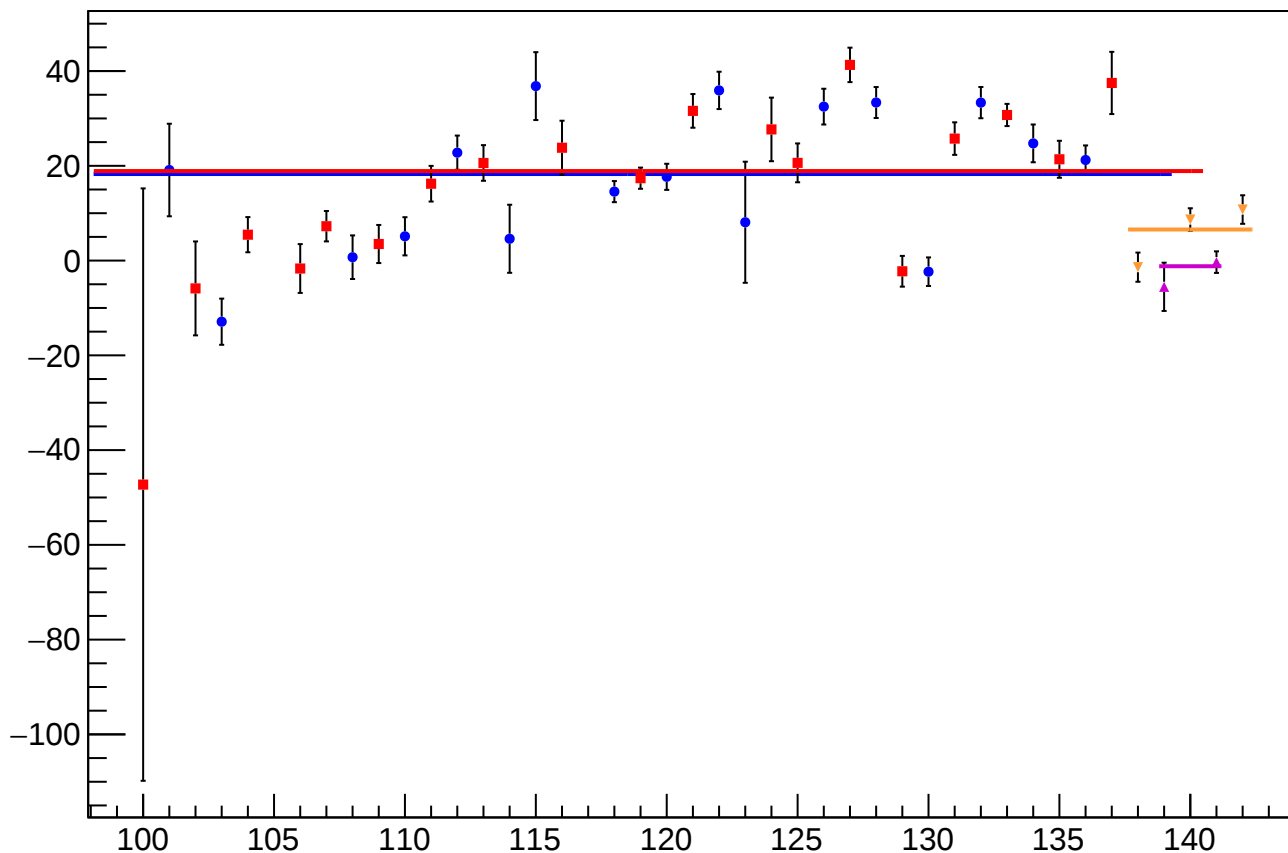
reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -73.378+/-1.873 χ^2/NDF :18.7/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -80.800+/-2.106 χ^2/NDF :14.7/1

Left: -76.655+/-1.400 χ^2/NDF : 40.4/4
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -80.800+/-2.106 χ^2/NDF :14.7/1
 Out: -73.378+/-1.873 χ^2/NDF :18.7/2
 All: -76.655+/-1.400 χ^2/NDF : 40.4/4

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 6.559 ± 1.595 χ^2/NDF : 9.4/2

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: -1.192 ± 2.077 χ^2/NDF : 0.9/1

Left: 3.684 ± 1.265 χ^2/NDF : 19.0/4

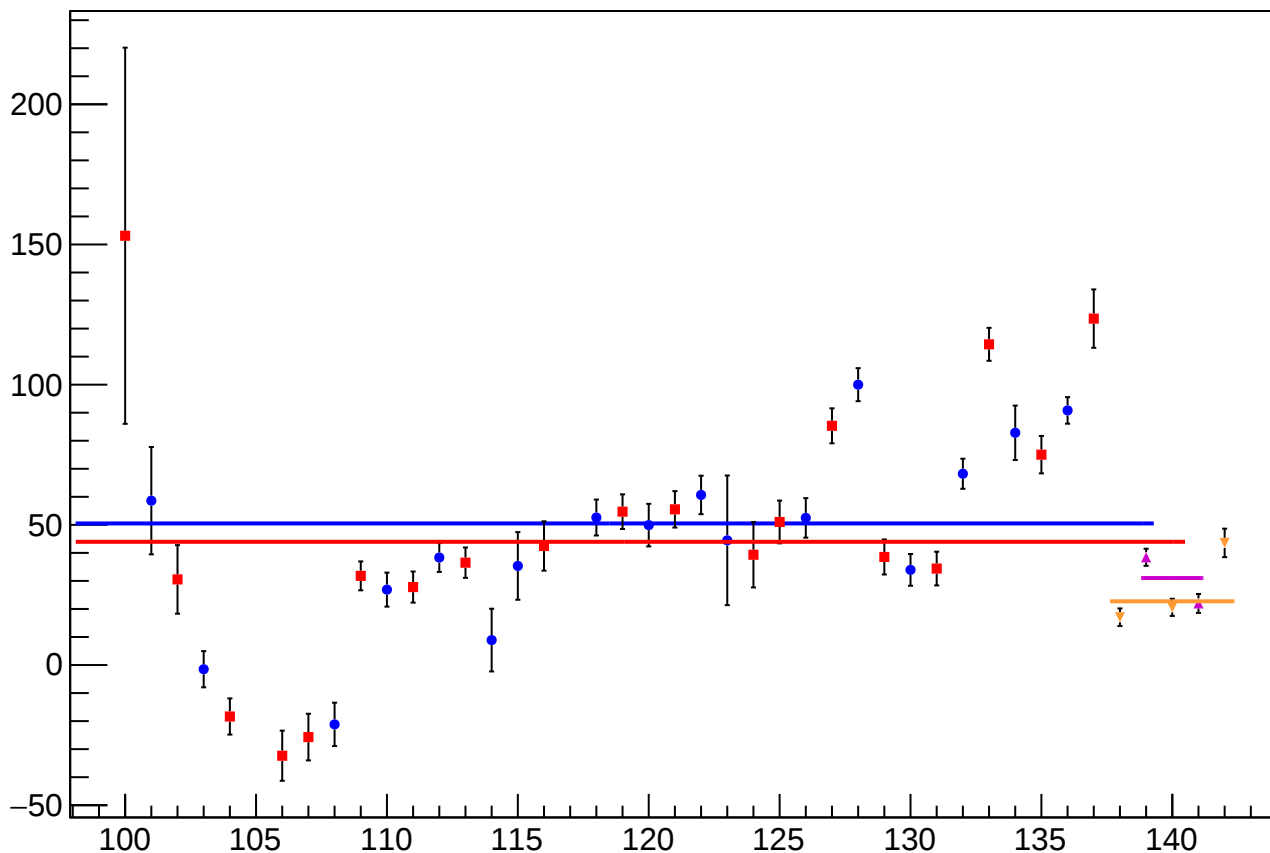
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 15.153 ± 0.831 χ^2/NDF : 282.9/18

Out: 16.097 ± 0.760 χ^2/NDF : 254.9/21

All: 15.667 ± 0.561 χ^2/NDF : 538.5/40

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 22.729 $\pm$ 2.012 χ^2 /NDF:20.6/2

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: 31.027 $\pm$ 2.262 χ^2 /NDF:13.1/1

Left: 26.394 $\pm$ 1.503 χ^2 /NDF: 41.2/4

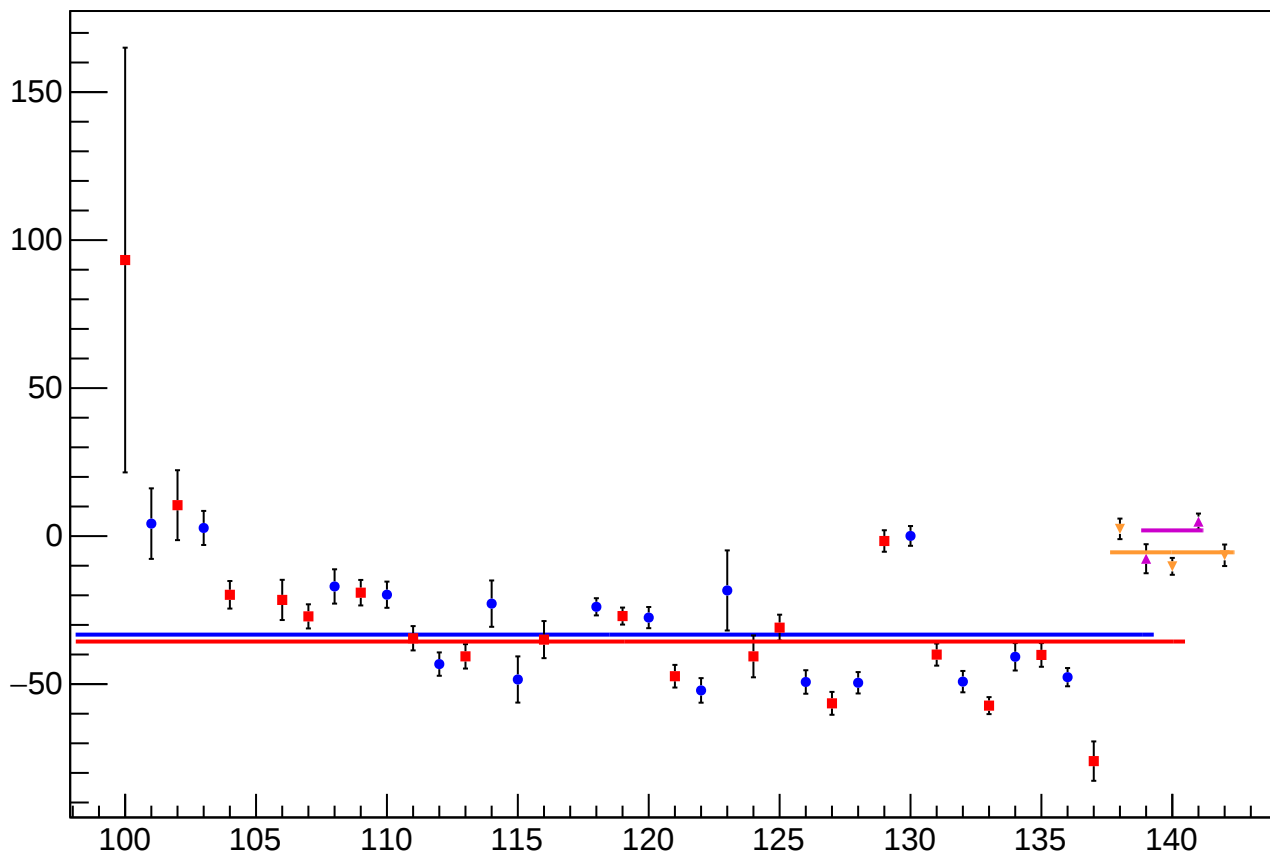
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 43.624 $\pm$ 1.344 χ^2 /NDF:424.2/18

Out: 35.712 $\pm$ 1.254 χ^2 /NDF:623.0/21

All: 39.394 $\pm$ 0.917 χ^2 /NDF: 1065.7/40

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281+/-1.035 χ^2/NDF : 292.9/16

Left Out: -5.479+/-1.885 χ^2/NDF : 8.1/2

Right Out: -35.619+/-0.993 χ^2/NDF : 287.8/18

Left In: 1.931+/-2.384 χ^2/NDF : 5.0/1

Left: -2.628+/-1.478 χ^2/NDF : 19.0/4

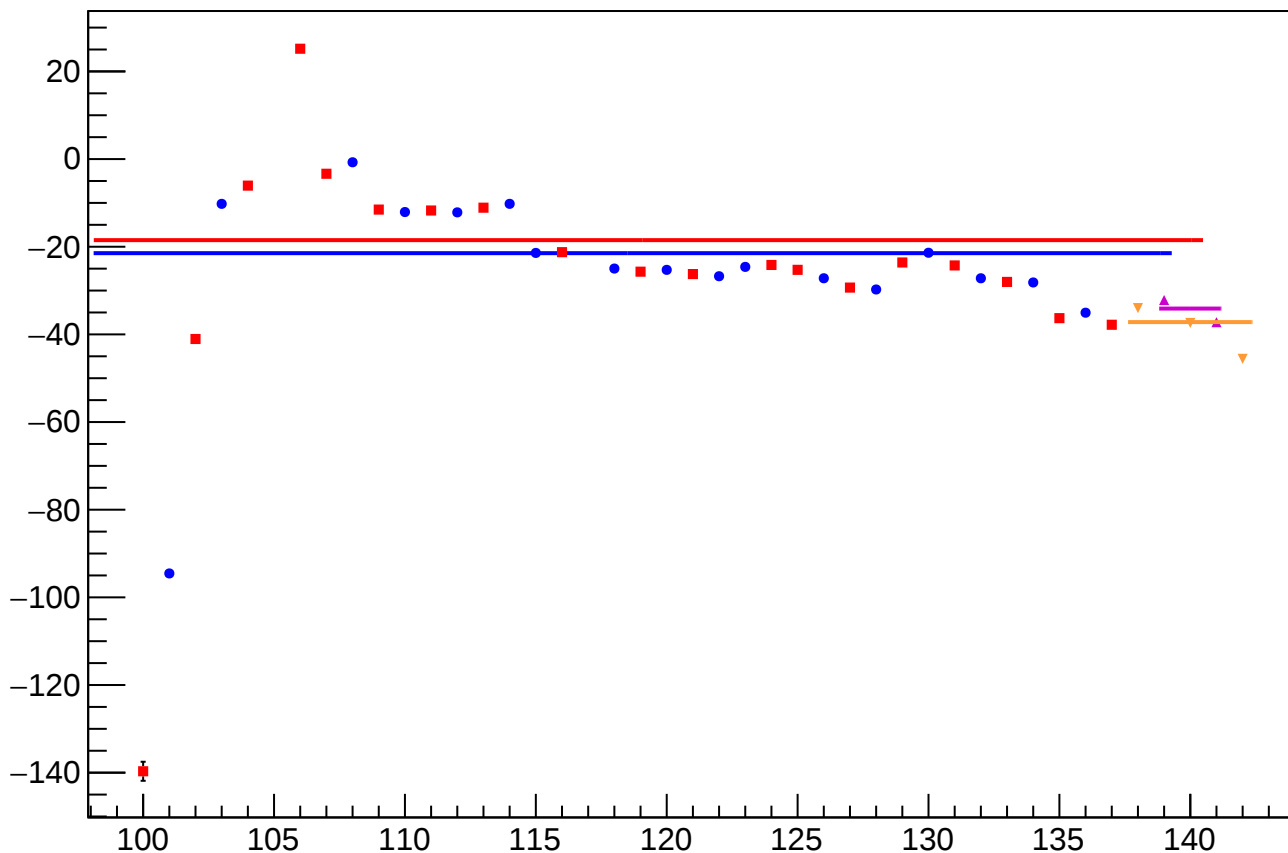
Right: -34.498+/-0.716 χ^2/NDF : 583.4/35

In: -27.697+/-0.949 χ^2/NDF : 481.5/18

Out: -29.075+/-0.878 χ^2/NDF : 496.0/21

All: -28.439+/-0.645 χ^2/NDF : 978.7/40

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -37.193+/-0.082 χ^2/NDF : 2385.0/2

Right Out: -18.496+/-0.057 χ^2/NDF : 80700.9/18

Left In: -34.108+/-0.084 χ^2/NDF : 853.0/1

Left: -35.687+/-0.059 χ^2/NDF : 3923.0/4

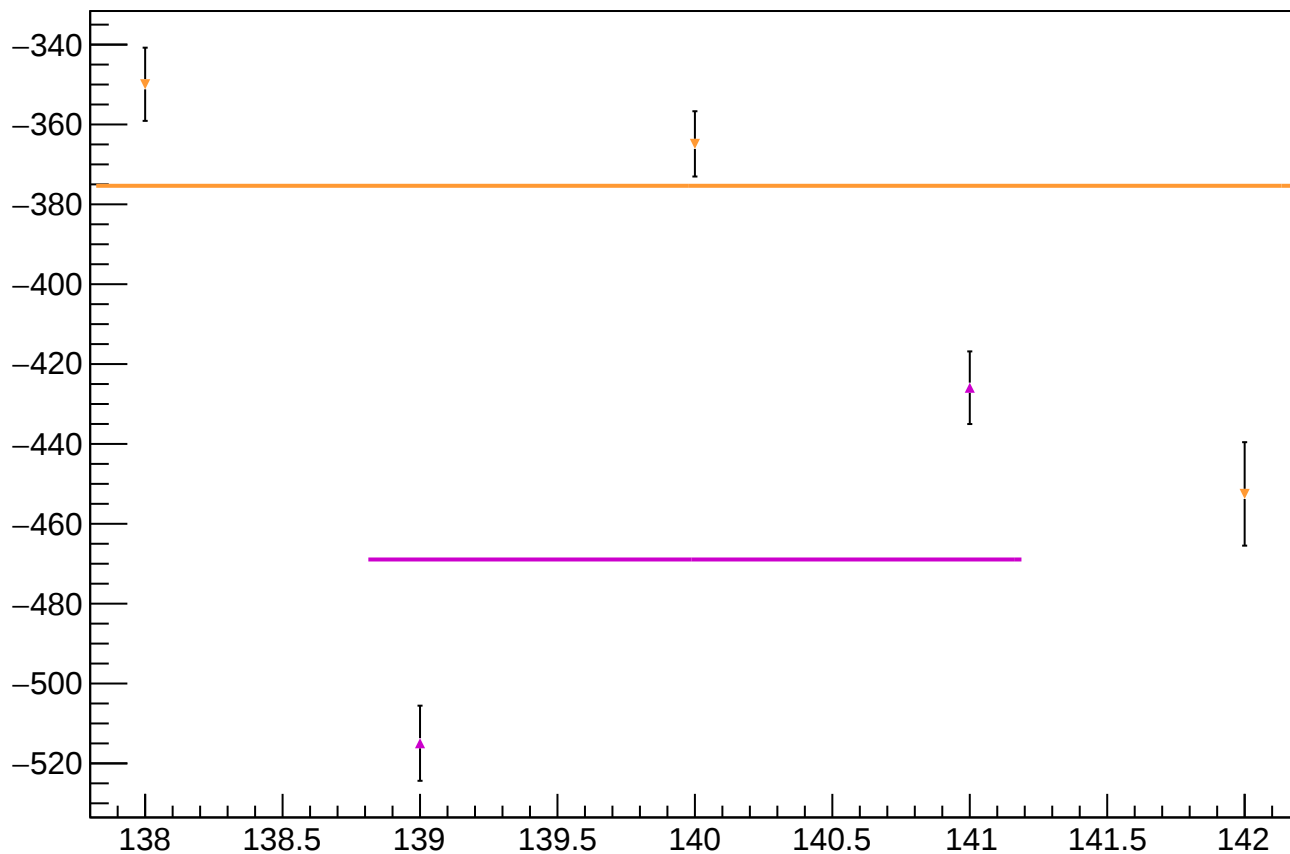
Right: -19.947+/-0.041 χ^2/NDF : 130991.7/35

In: -25.598+/-0.048 χ^2/NDF : 64959.7/18

Out: -24.603+/-0.047 χ^2/NDF : 117790.7/21

All: -25.089+/-0.034 χ^2/NDF : 182968.7/40

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -375.356+/-5.519 χ^2/NDF : 44.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -468.940+/-6.539 χ^2/NDF : 46.3/1

Left: -414.295+/-4.218 χ^2/NDF : 210.7/4

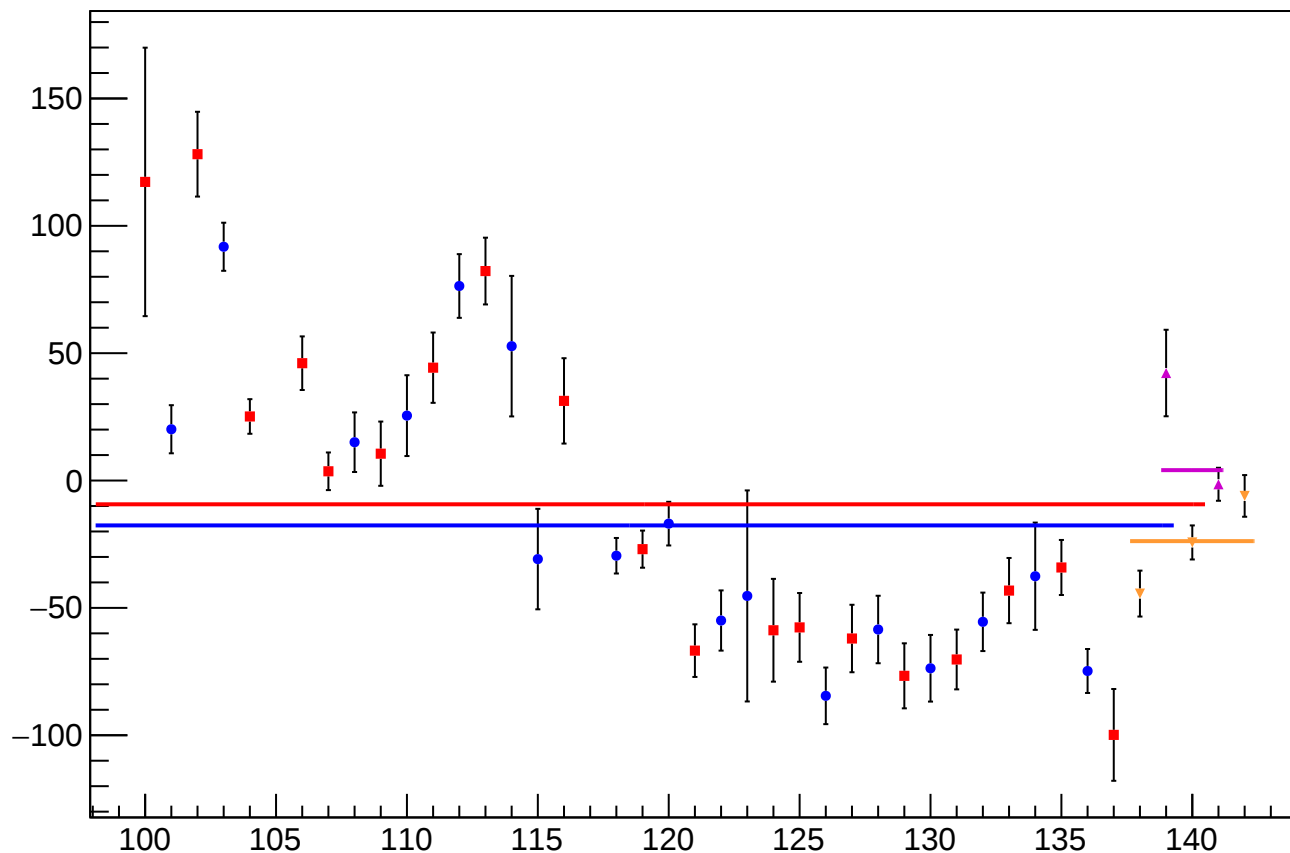
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -468.940+/-6.539 χ^2/NDF : 46.3/1

Out: -375.356+/-5.519 χ^2/NDF : 44.8/2

All: -414.295+/-4.218 χ^2/NDF : 210.7/4

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: -23.789 ± 4.489 $\chi^2/\text{NDF}: 9.9/2$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 4.083 ± 6.053 $\chi^2/\text{NDF}: 5.8/1$

Left: -13.898 ± 3.606 $\chi^2/\text{NDF}: 29.4/4$

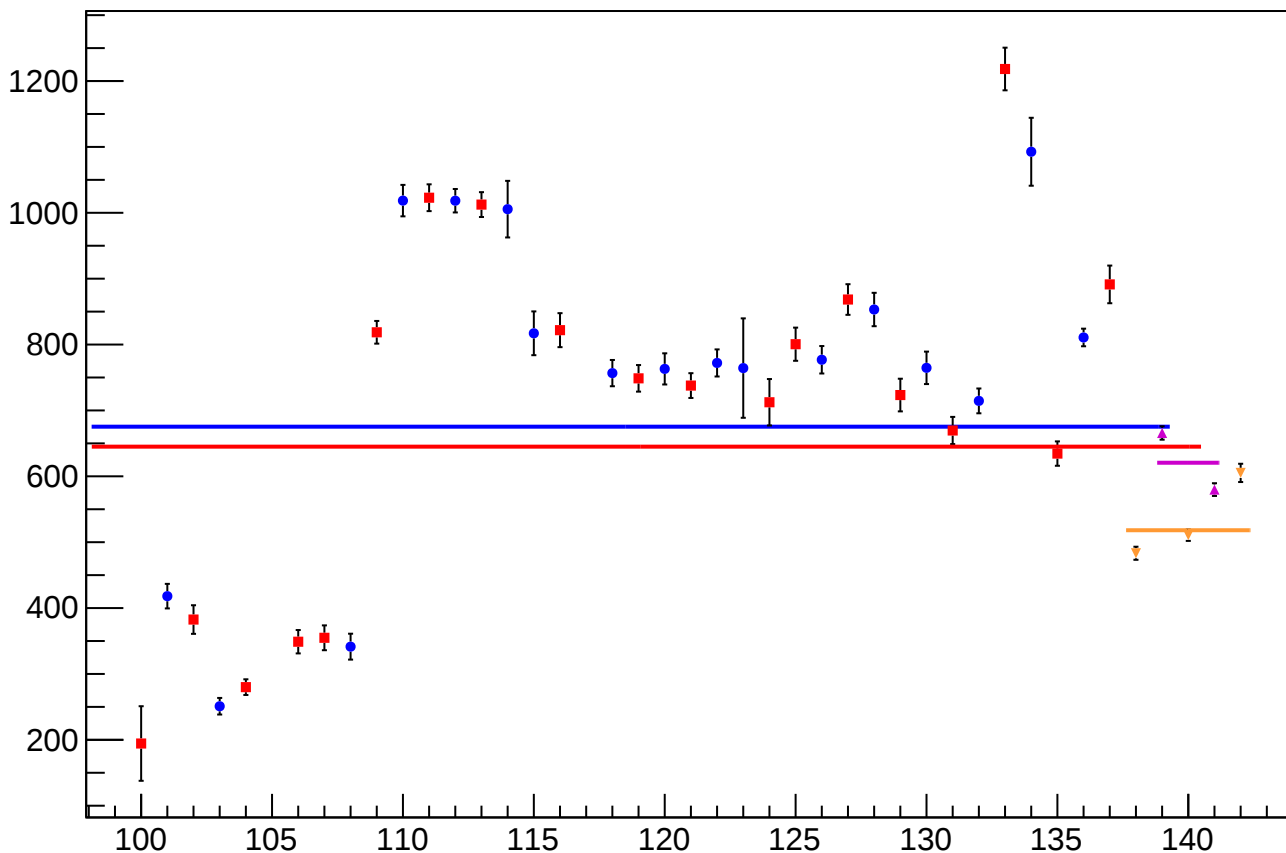
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: -13.824 ± 2.531 $\chi^2/\text{NDF}: 378.4/18$

Out: -12.982 ± 2.256 $\chi^2/\text{NDF}: 384.1/21$

All: -13.355 ± 1.684 $\chi^2/\text{NDF}: 762.6/40$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 518.138 ± 5.920 χ^2/NDF : 52.5/2

Right Out: 645.022 ± 4.758 χ^2/NDF : 3122.8/18

Left In: 620.599 ± 7.011 χ^2/NDF : 37.5/1

Left: 560.783 ± 4.523 χ^2/NDF : 214.7/4

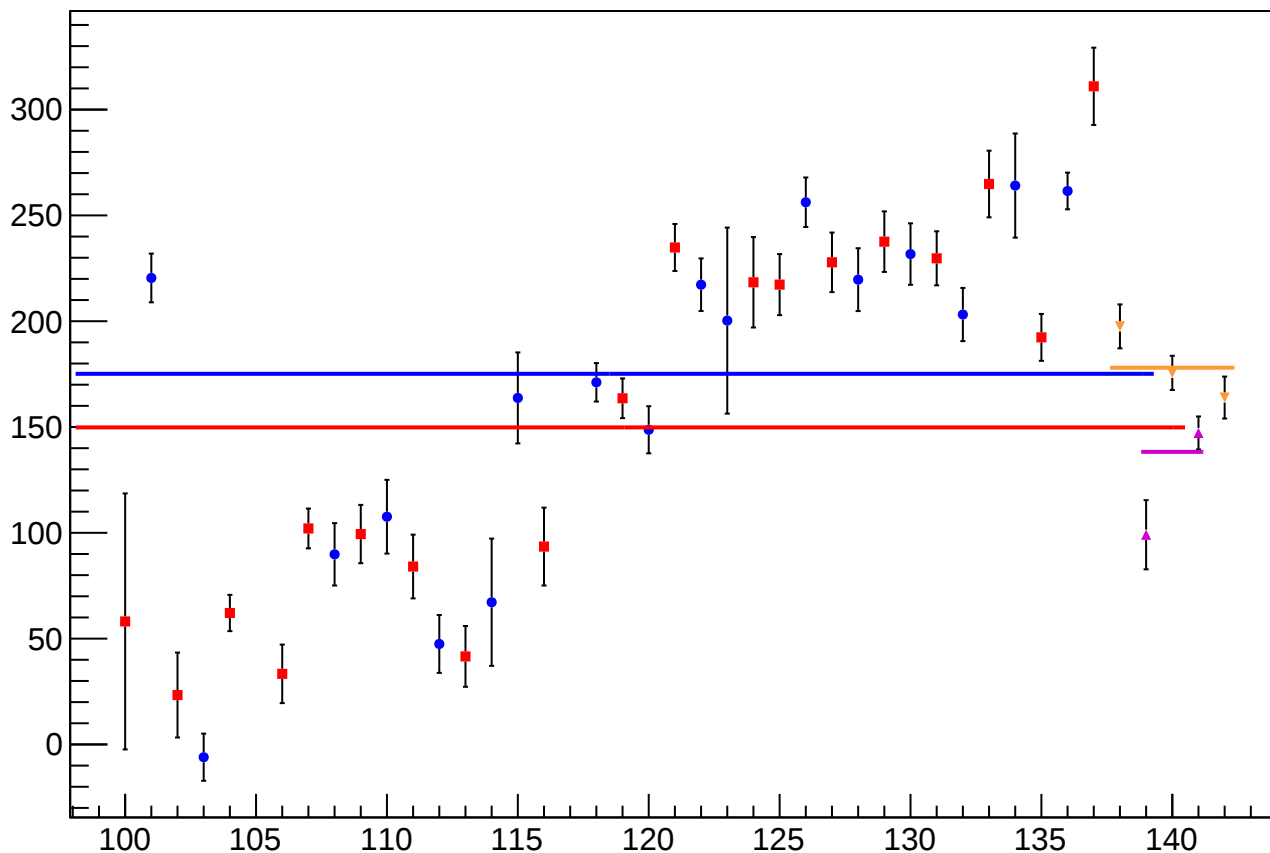
Right: 659.291 ± 3.462 χ^2/NDF : 5724.6/35

In: 656.661 ± 4.095 χ^2/NDF : 2660.4/18

Out: 595.227 ± 3.709 χ^2/NDF : 3454.4/21

All: 622.906 ± 2.749 χ^2/NDF : 6238.4/40

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: 178.034 $\pm$ 5.363 χ^2 /NDF: 5.7/2

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 138.264 $\pm$ 7.042 χ^2 /NDF: 7.0/1

Left: 163.435 $\pm$ 4.267 χ^2 /NDF: 32.9/4

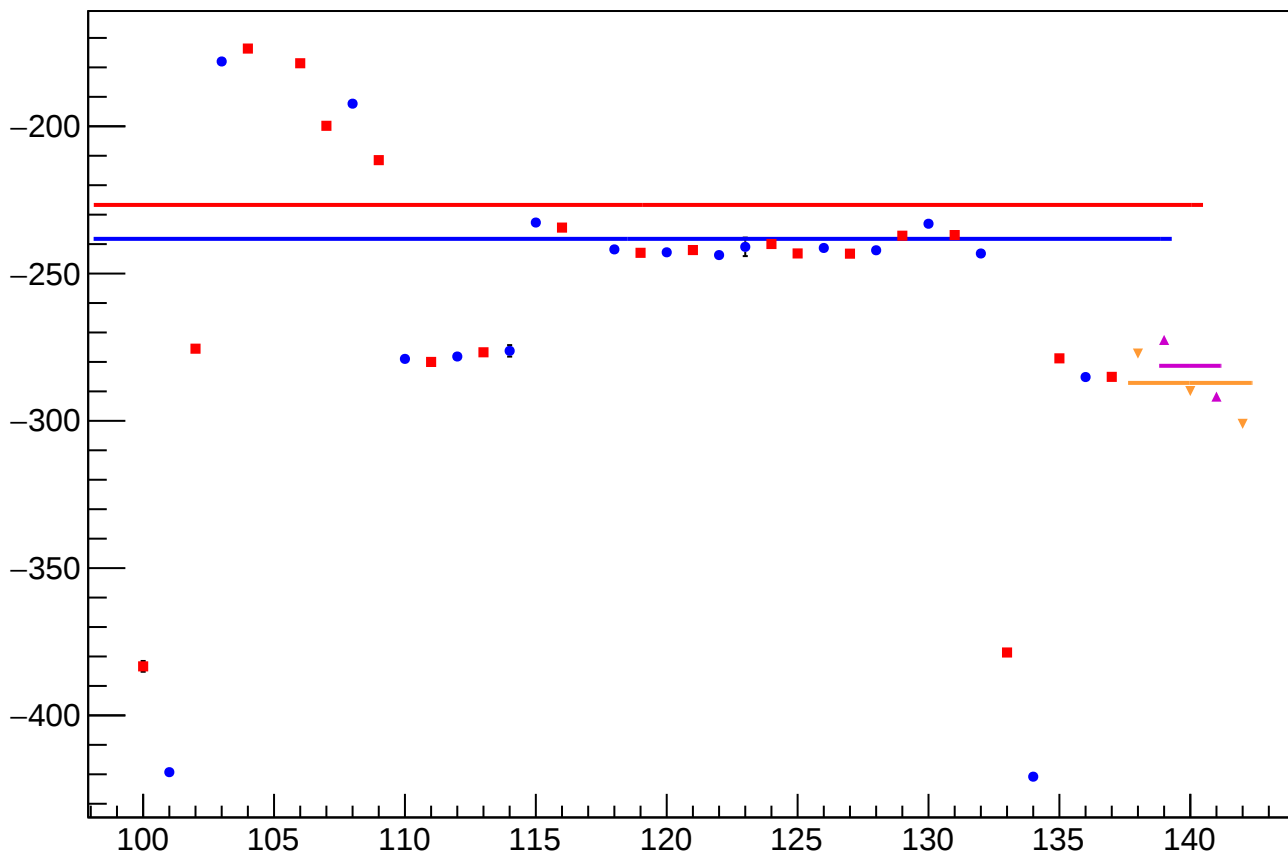
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 168.800 $\pm$ 2.920 χ^2 /NDF: 665.4/18

Out: 156.688 $\pm$ 2.646 χ^2 /NDF: 715.1/21

All: 162.148 $\pm$ 1.961 χ^2 /NDF: 1389.9/40

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2 /NDF: 167098.2/16

Left Out: -287.120+/-0.246 χ^2 /NDF:1307.6/2

Right Out: -226.696+/-0.151 χ^2 /NDF: 102814.8/18

Left In: -281.315+/-0.265 χ^2 /NDF:1308.6/1

Left: -284.431+/-0.180 χ^2 /NDF: 2873.8/4

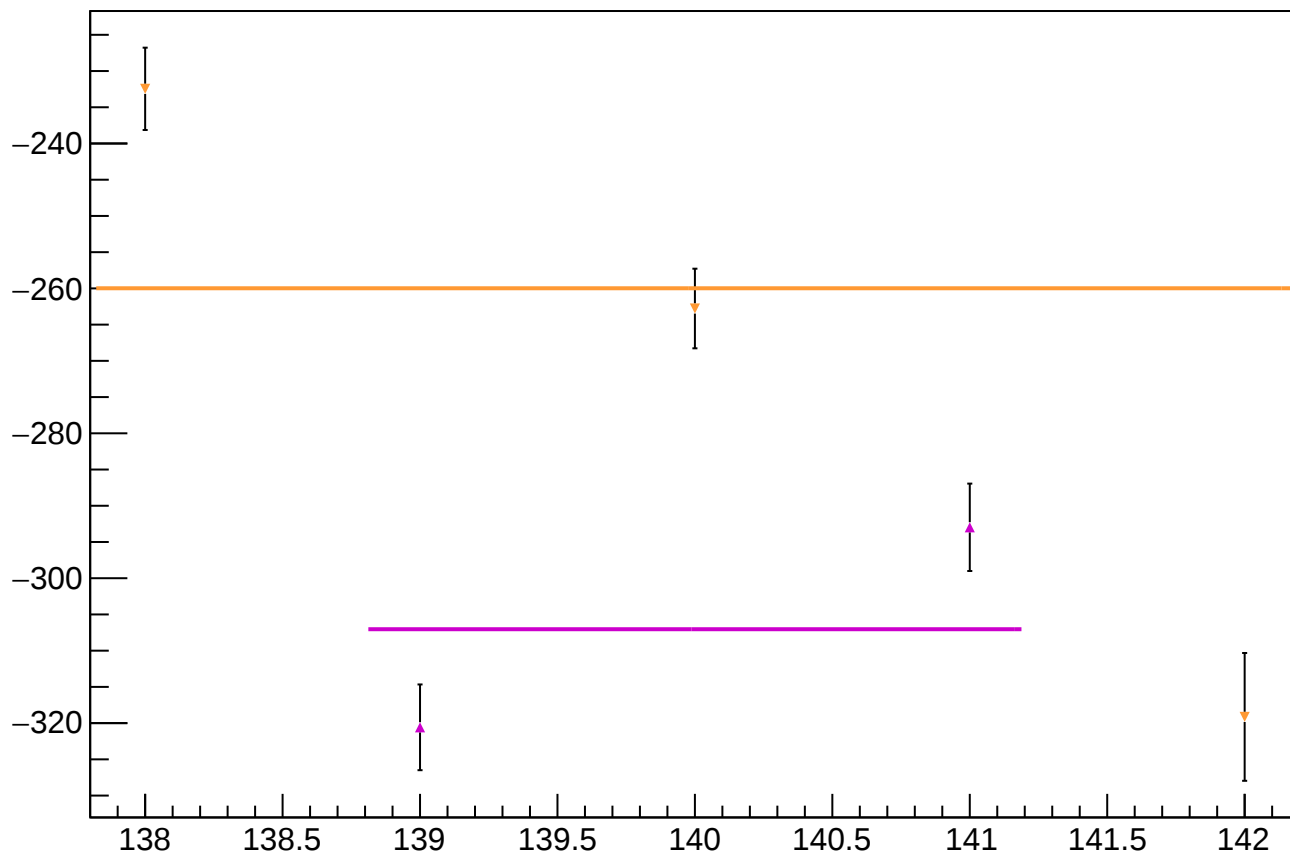
Right: -232.123+/-0.110 χ^2 /NDF: 272653.1/35

In: -249.740+/-0.137 χ^2 /NDF:187791.1/18

Out: -243.227+/-0.129 χ^2 /NDF:147899.4/21

All: -246.281+/-0.094 χ^2 /NDF: 336890.5/40

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: -259.982+/-3.604 χ^2/NDF :68.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -307.040+/-4.223 χ^2/NDF :10.7/1

Left: -279.814+/-2.742 χ^2/NDF : 151.2/4

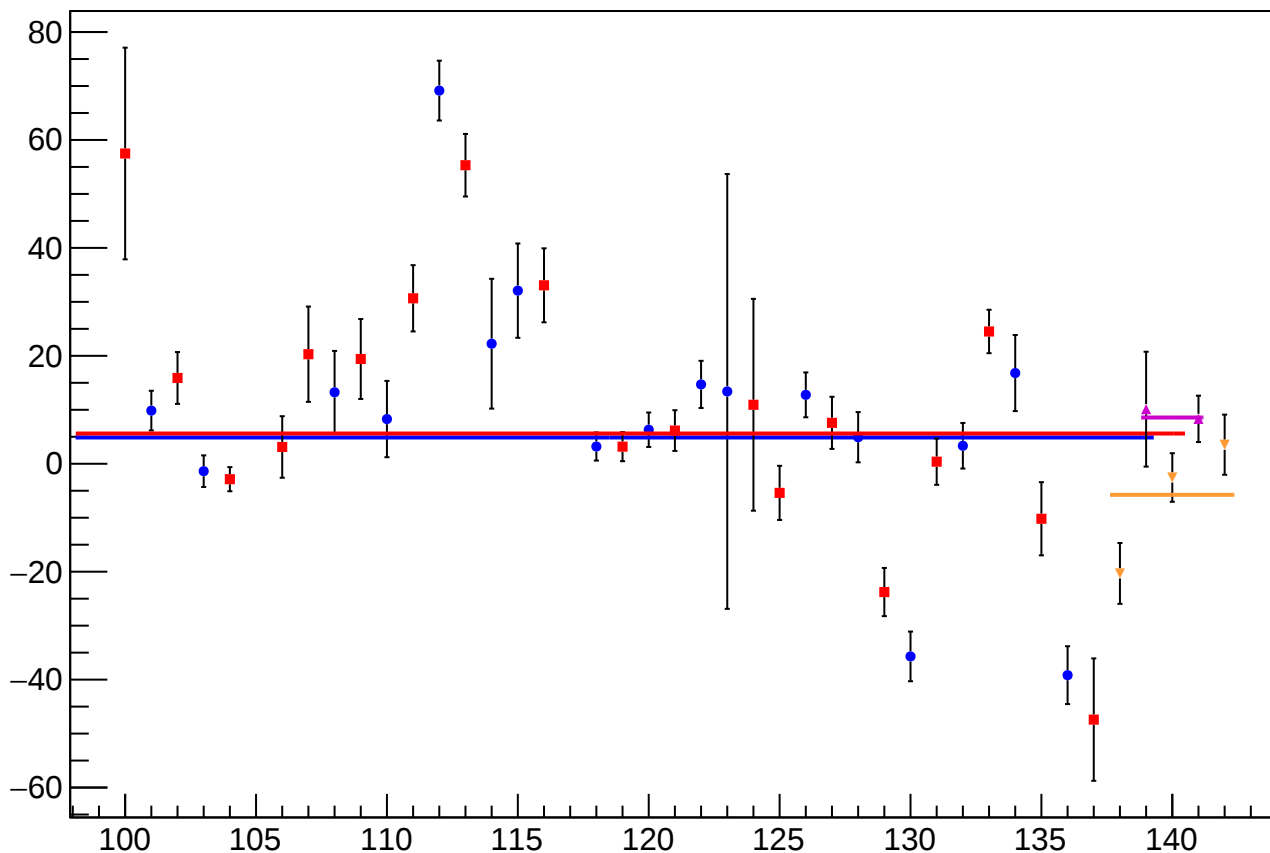
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -307.040+/-4.223 χ^2/NDF :10.7/1

Out: -259.982+/-3.604 χ^2/NDF :68.7/2

All: -279.814+/-2.742 χ^2/NDF : 151.2/4

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: -5.755 ± 2.974 $\chi^2/\text{NDF}: 10.0/2$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 8.569 ± 3.984 $\chi^2/\text{NDF}: 0.0/1$

Left: -0.628 ± 2.383 $\chi^2/\text{NDF}: 18.3/4$

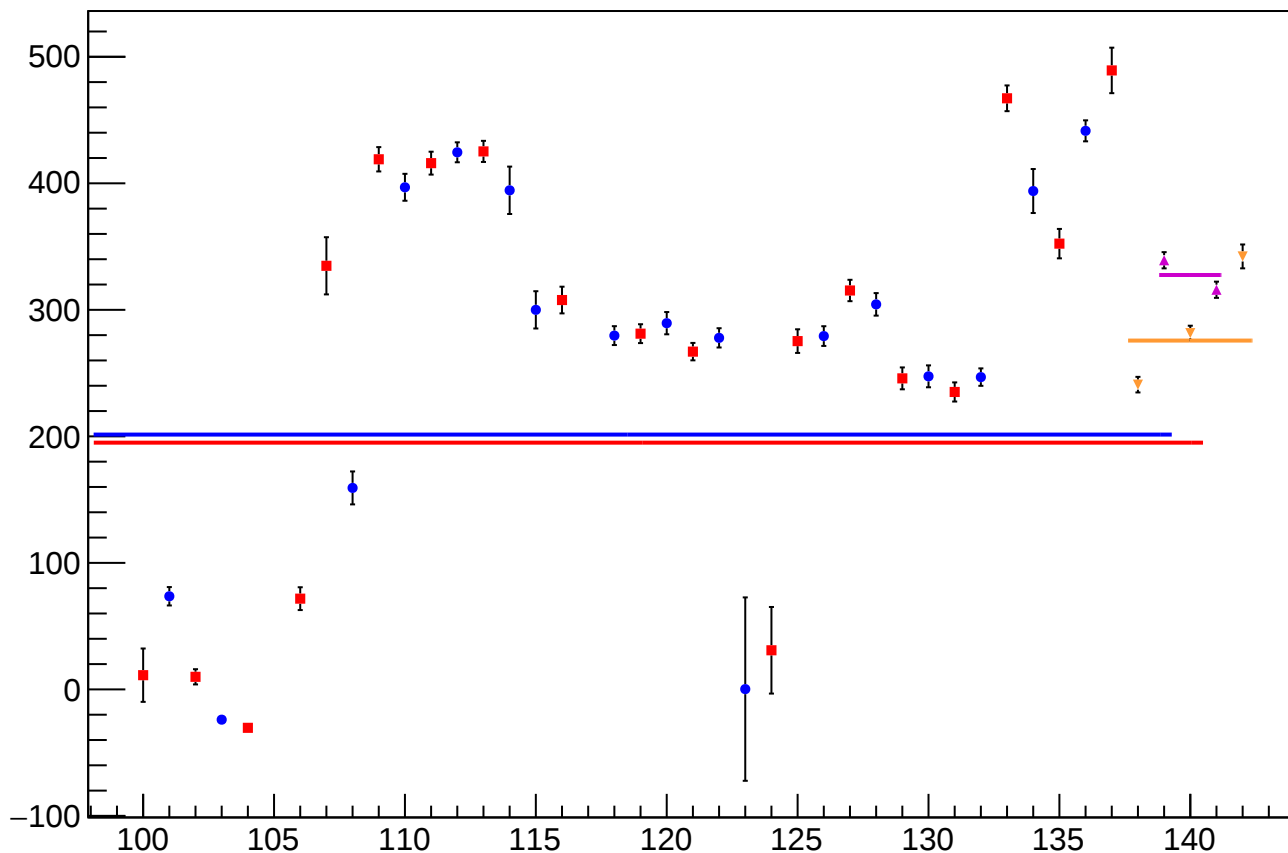
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 5.128 ± 1.052 $\chi^2/\text{NDF}: 312.4/18$

Out: 4.304 ± 1.006 $\chi^2/\text{NDF}: 261.4/21$

All: 4.698 ± 0.727 $\chi^2/\text{NDF}: 574.1/40$

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: 275.712 $\pm$ 3.869 χ^2 /NDF:82.7/2

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 327.542 $\pm$ 4.532 χ^2 /NDF:6.6/1

Left: 297.560 $\pm$ 2.942 χ^2 /NDF: 164.9/4

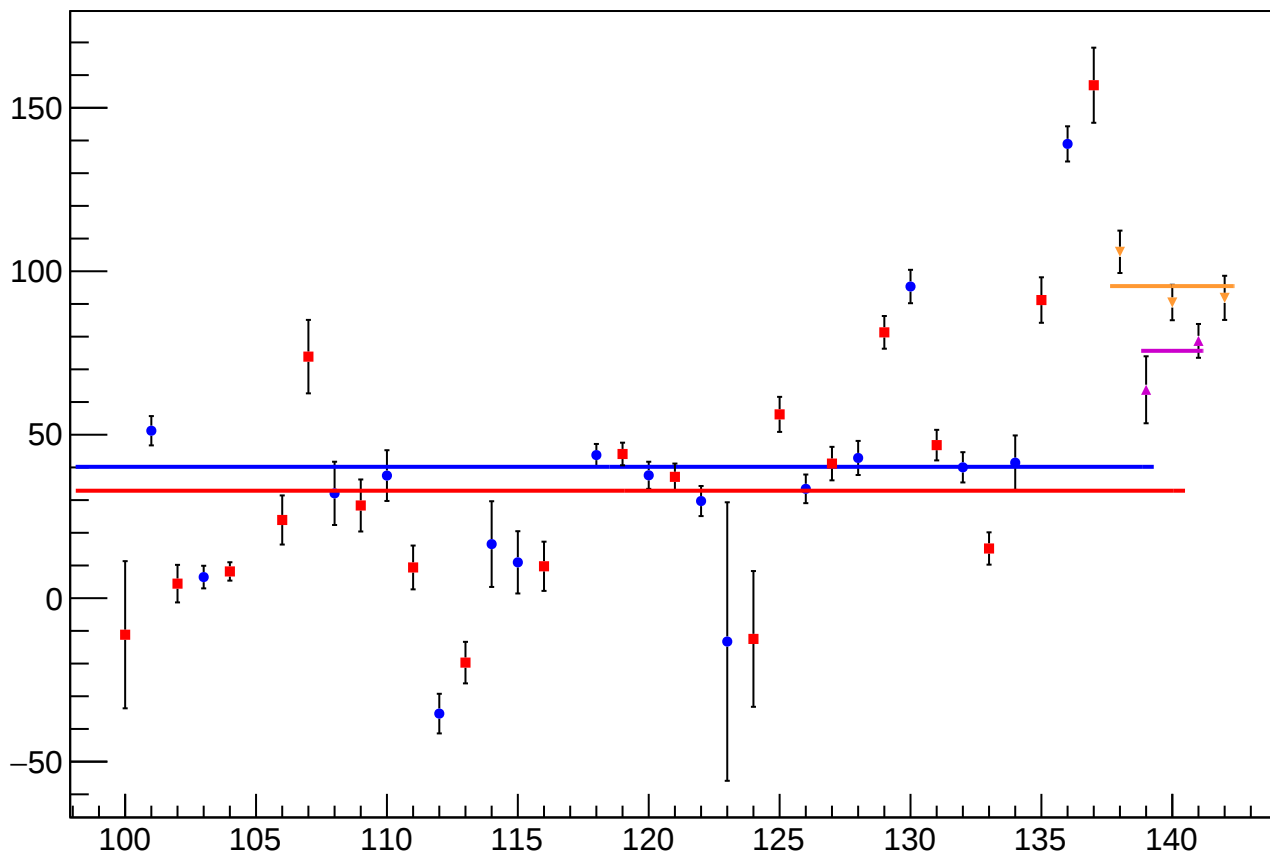
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 221.515 $\pm$ 1.810 χ^2 /NDF:7398.2/18

Out: 211.012 $\pm$ 1.722 χ^2 /NDF:8686.2/21

All: 216.004 $\pm$ 1.247 χ^2 /NDF: 16102.0/40

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 95.463+/-3.542 χ^2/NDF : 3.8/2

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 75.664+/-4.618 χ^2/NDF : 1.7/1

Left: 88.130+/-2.811 χ^2/NDF : 17.0/4

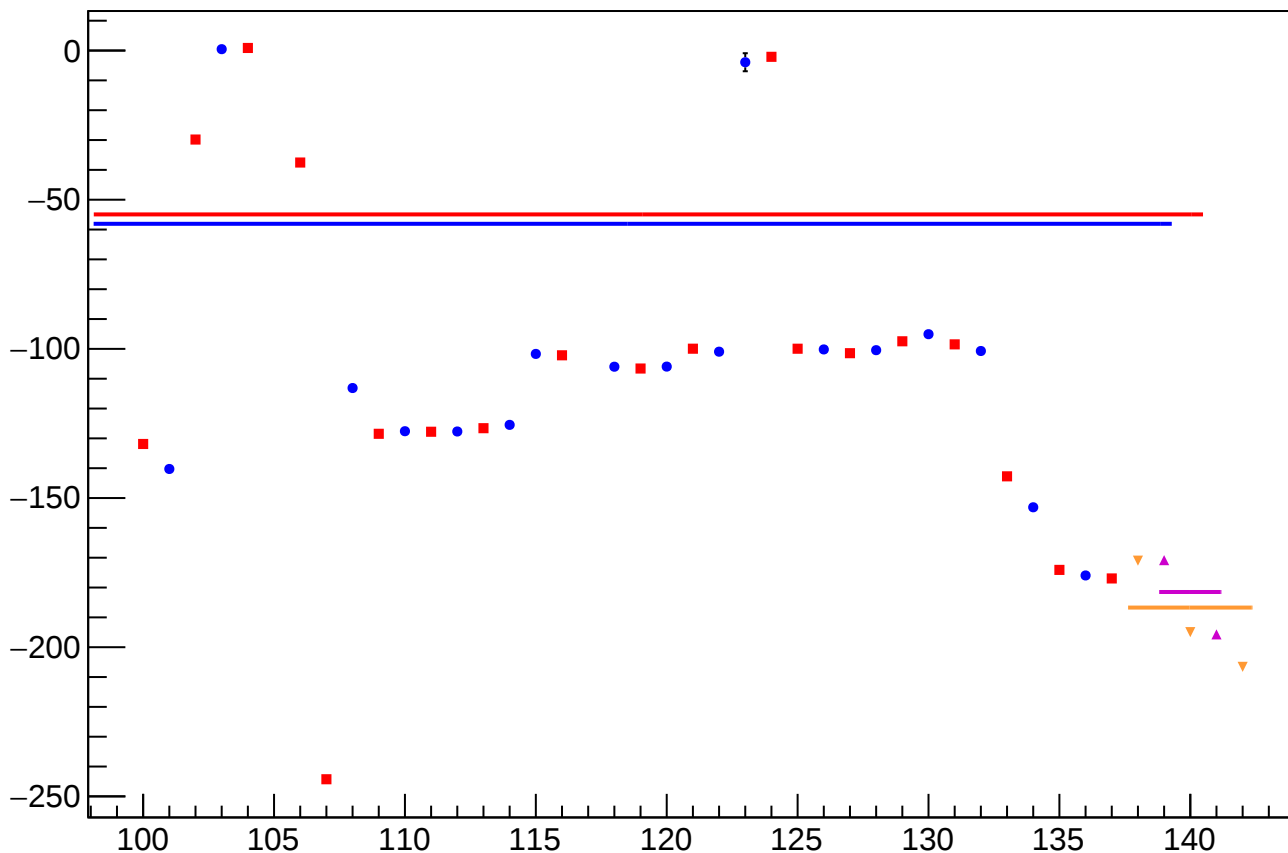
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 42.677+/-1.224 χ^2/NDF : 790.6/18

Out: 39.812+/-1.179 χ^2/NDF : 832.4/21

All: 41.191+/-0.849 χ^2/NDF : 1625.8/40

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -186.714+/-0.160 χ^2/NDF : 7924.9/2

Right Out: -54.929+/-0.060 χ^2/NDF : 1003908.6/18

Left In: -181.493+/-0.170 χ^2/NDF : 5232.4/1

Left: -184.263+/-0.117 χ^2/NDF : 13656.2/4

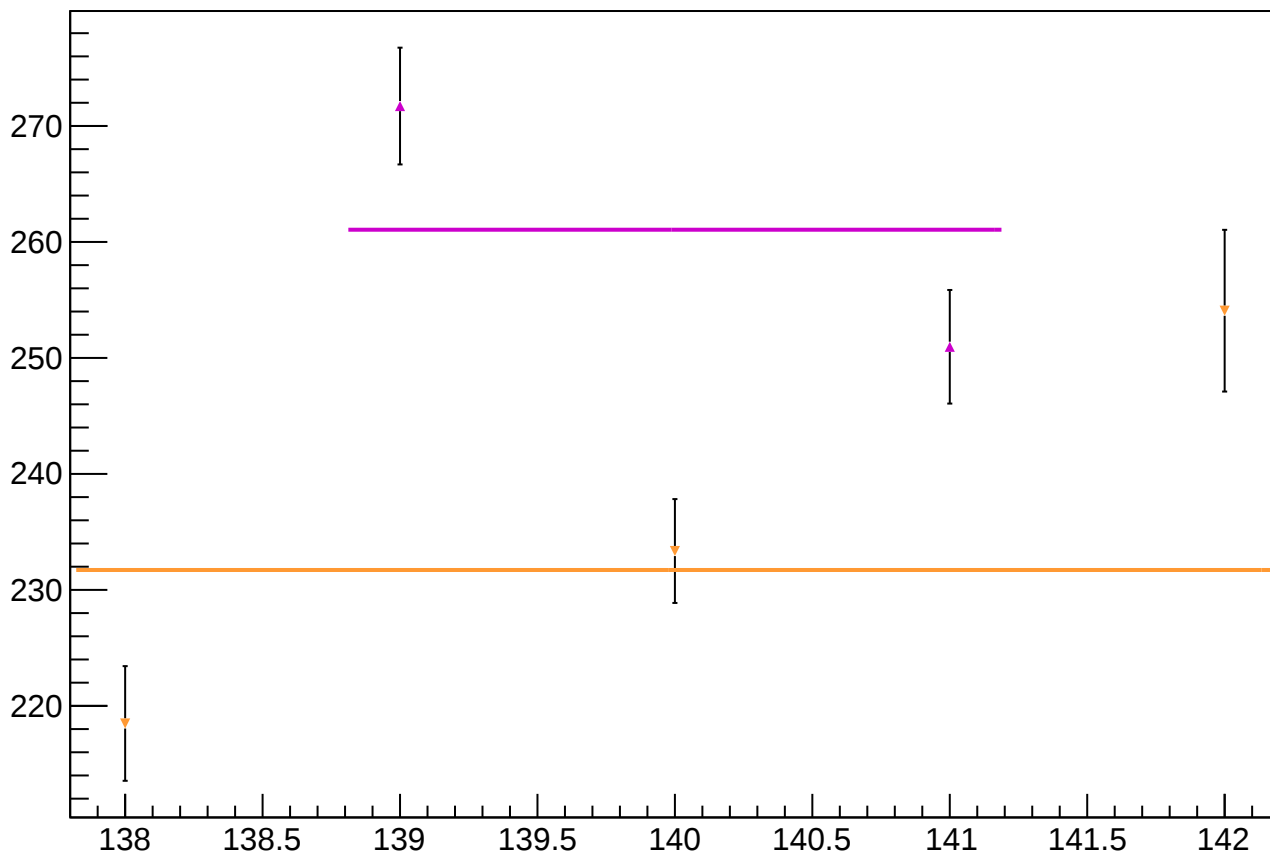
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -72.372+/-0.058 χ^2/NDF : 1574293.2/18

Out: -71.250+/-0.056 χ^2/NDF : 1605306.3/21

All: -71.795+/-0.040 χ^2/NDF : 3179792.0/40

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 231.717+/-2.997 χ^2/NDF :17.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 261.055+/-3.510 χ^2/NDF :8.7/1

Left: 244.084+/-2.279 χ^2/NDF : 66.7/4

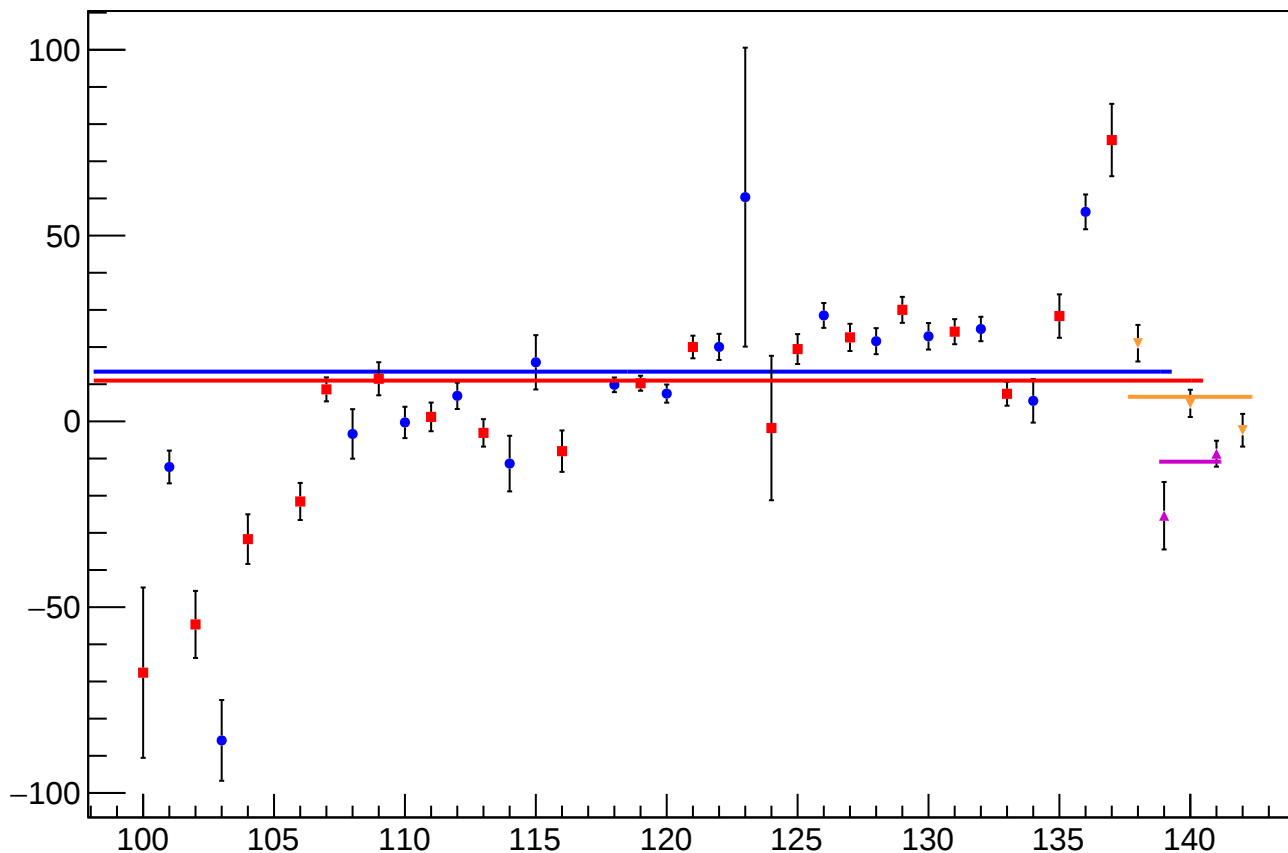
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 261.055+/-3.510 χ^2/NDF :8.7/1

Out: 231.717+/-2.997 χ^2/NDF :17.6/2

All: 244.084+/-2.279 χ^2/NDF : 66.7/4

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 6.613 $\pm$ 2.446 χ^2 /NDF:13.0/2

Right Out: 10.975 $\pm$ 0.915 χ^2 /NDF: 304.0/18

Left In: -10.844 $\pm$ 3.258 χ^2 /NDF:2.9/1

Left: 0.322 $\pm$ 1.956 χ^2 /NDF: 34.3/4

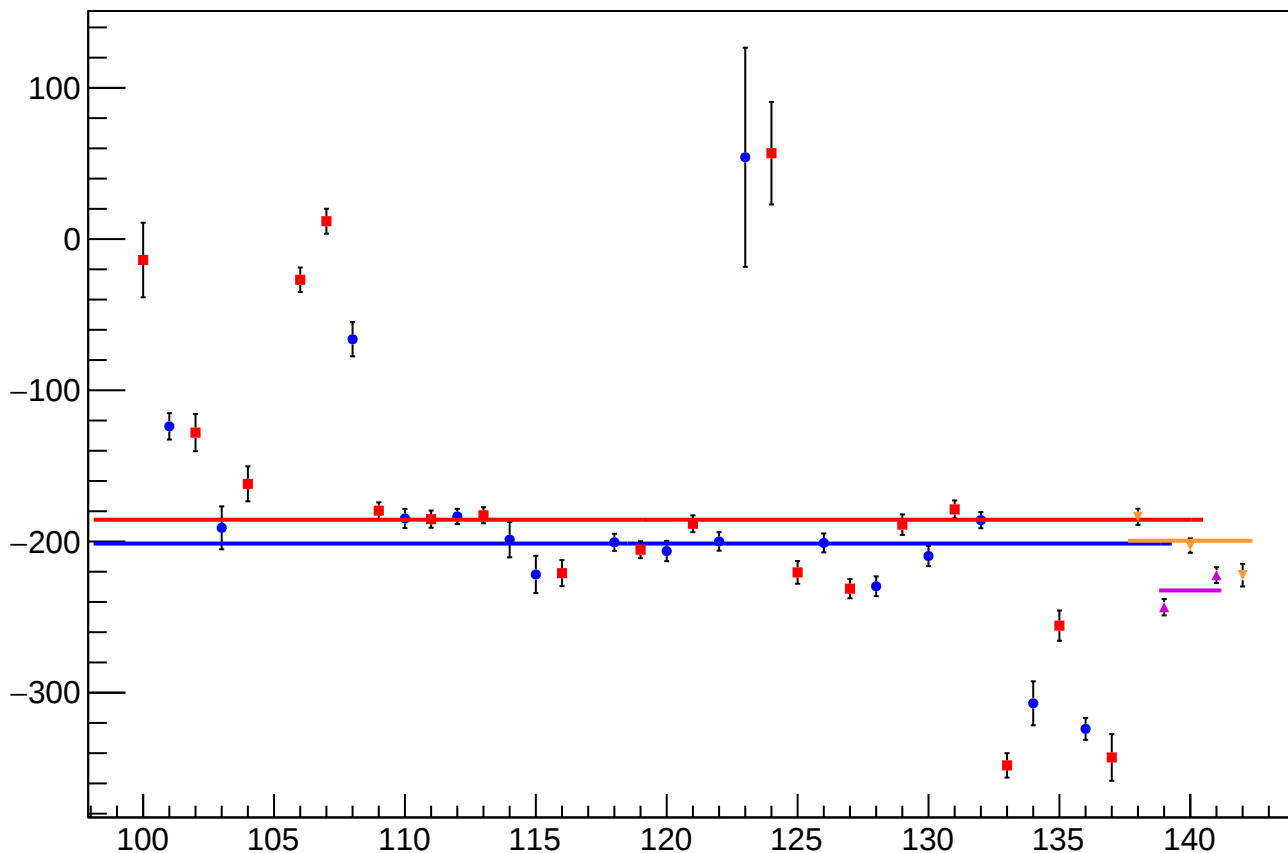
Right: 12.172 $\pm$ 0.649 χ^2 /NDF: 601.5/35

In: 11.592 $\pm$ 0.886 χ^2 /NDF:348.2/18

Out: 10.440 $\pm$ 0.857 χ^2 /NDF:319.8/21

All: 10.997 $\pm$ 0.616 χ^2 /NDF: 668.9/40

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: -199.488 ± 3.215 χ^2/NDF : 18.5/2

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -232.377 ± 3.764 χ^2/NDF : 7.9/1

Left: -213.359 ± 2.445 χ^2/NDF : 70.5/4

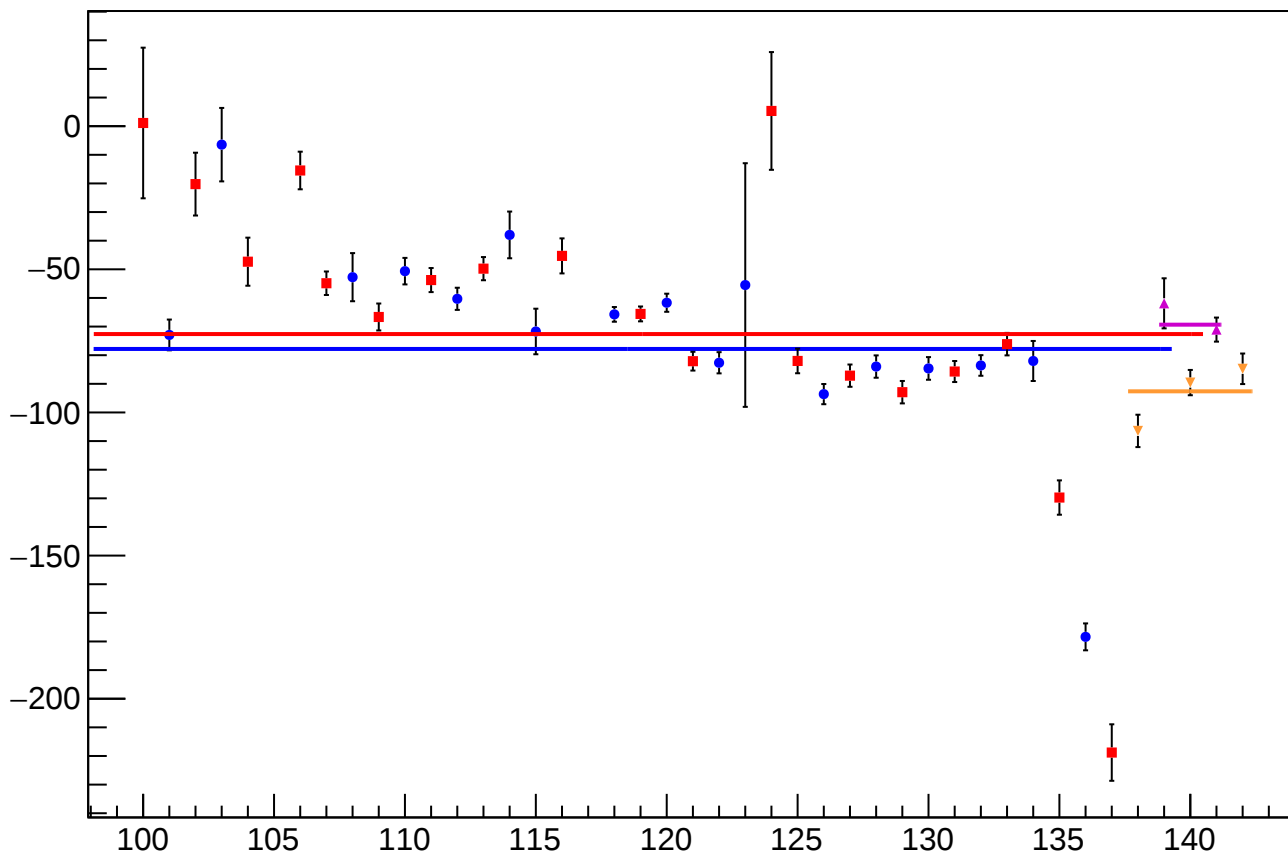
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -207.052 ± 1.612 χ^2/NDF : 688.3/18

Out: -188.625 ± 1.502 χ^2/NDF : 1781.3/21

All: -197.191 ± 1.099 χ^2/NDF : 2539.6/40

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -92.621 ± 2.916 χ^2/NDF : 8.6/2

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -69.337 ± 3.788 χ^2/NDF : 0.9/1

Left: -83.955 ± 2.311 χ^2/NDF : 33.3/4

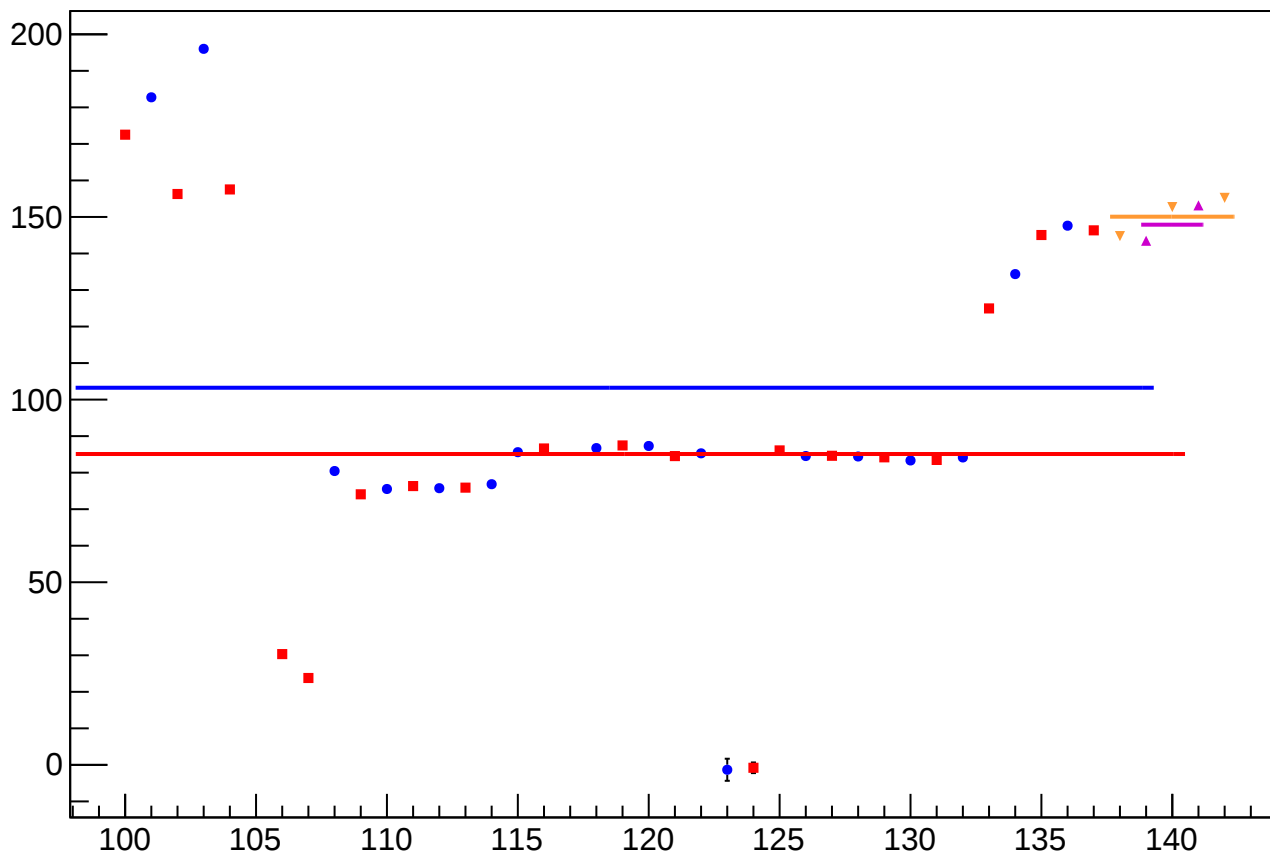
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.194 ± 1.028 χ^2/NDF : 661.9/18

Out: -74.922 ± 0.990 χ^2/NDF : 657.1/21

All: -76.015 ± 0.713 χ^2/NDF : 1321.5/40

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: 150.074 $\pm$ 0.133 χ^2 /NDF:1081.8/2

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 147.884 $\pm$ 0.142 χ^2 /NDF:1150.6/1

Left: 149.049 $\pm$ 0.097 χ^2 /NDF: 2358.9/4

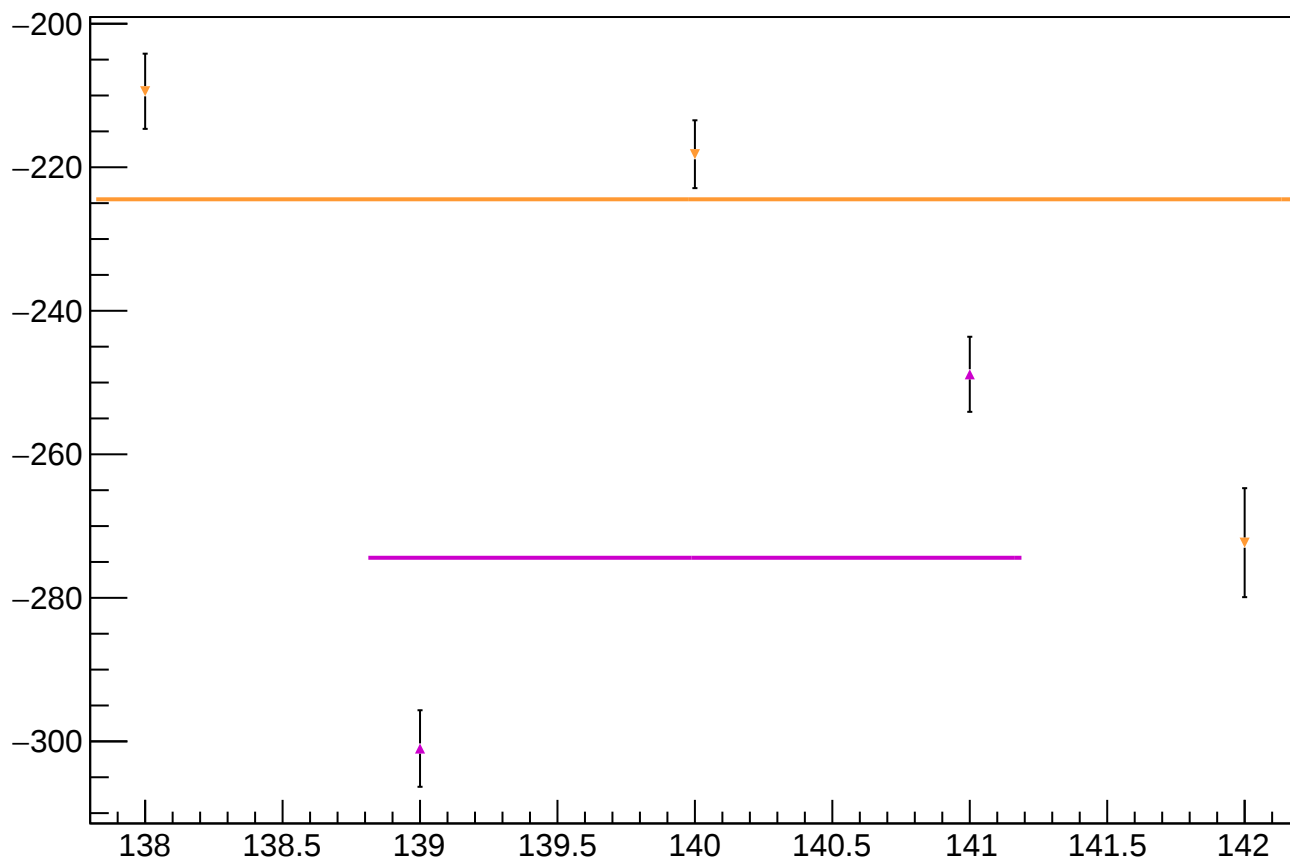
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 112.057 $\pm$ 0.063 χ^2 /NDF:353750.6/18

Out: 97.200 $\pm$ 0.057 χ^2 /NDF:618208.9/21

All: 103.934 $\pm$ 0.042 χ^2 /NDF: 1002247.0/40

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: -224.464+/-3.186 χ^2/NDF :49.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -274.416+/-3.735 χ^2/NDF :48.7/1

Left: -245.500+/-2.424 χ^2/NDF : 202.0/4

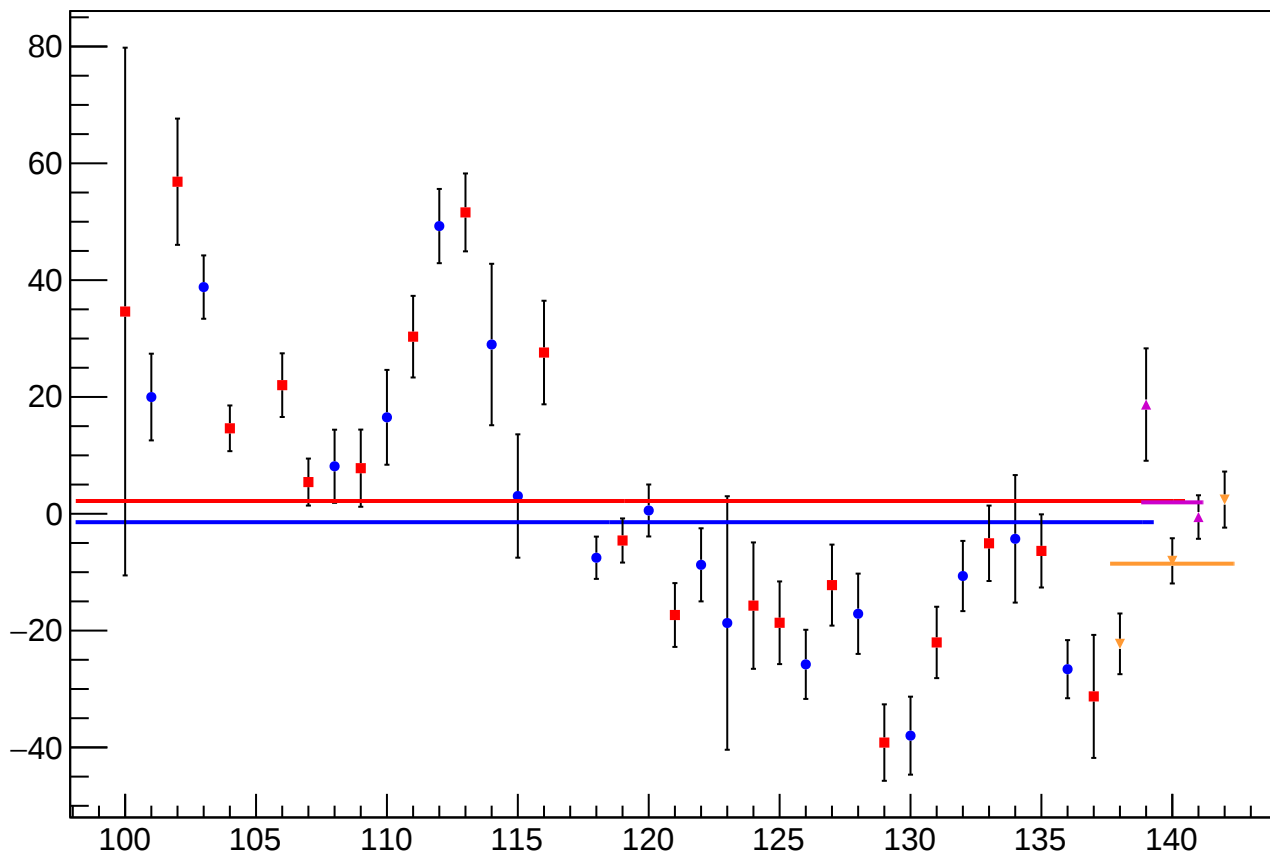
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.416+/-3.735 χ^2/NDF :48.7/1

Out: -224.464+/-3.186 χ^2/NDF :49.7/2

All: -245.500+/-2.424 χ^2/NDF : 202.0/4

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: -8.544 ± 2.607 $\chi^2/\text{NDF}: 12.2/2$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 1.955 ± 3.476 $\chi^2/\text{NDF}: 3.5/1$

Left: -4.765 ± 2.085 $\chi^2/\text{NDF}: 21.5/4$

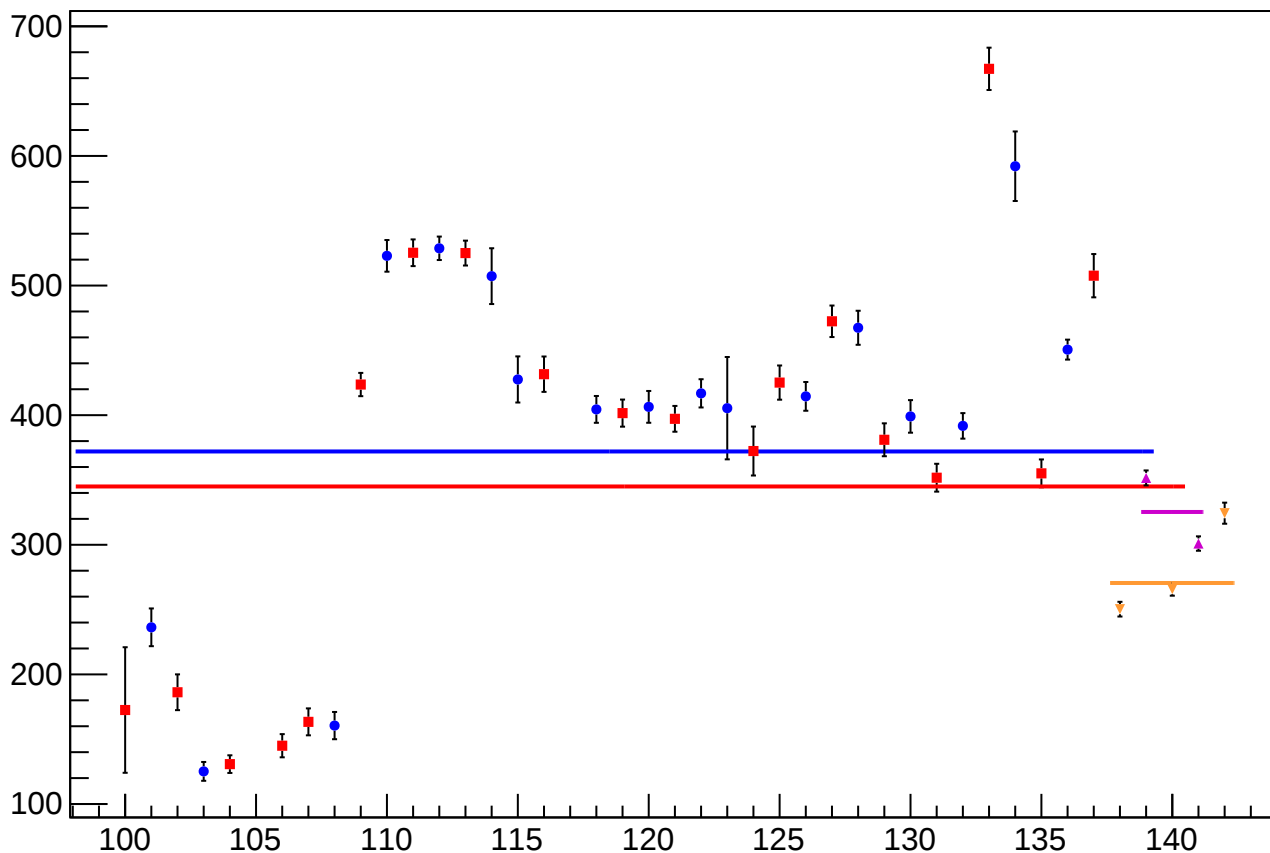
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: -0.897 ± 1.390 $\chi^2/\text{NDF}: 228.7/18$

Out: -0.216 ± 1.234 $\chi^2/\text{NDF}: 256.1/21$

All: -0.516 ± 0.923 $\chi^2/\text{NDF}: 484.9/40$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 270.532 $\pm$ 3.417 χ^2 /NDF: 57.4/2

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 325.318 $\pm$ 4.005 χ^2 /NDF: 39.9/1

Left: 293.609 $\pm$ 2.600 χ^2 /NDF: 205.6/4

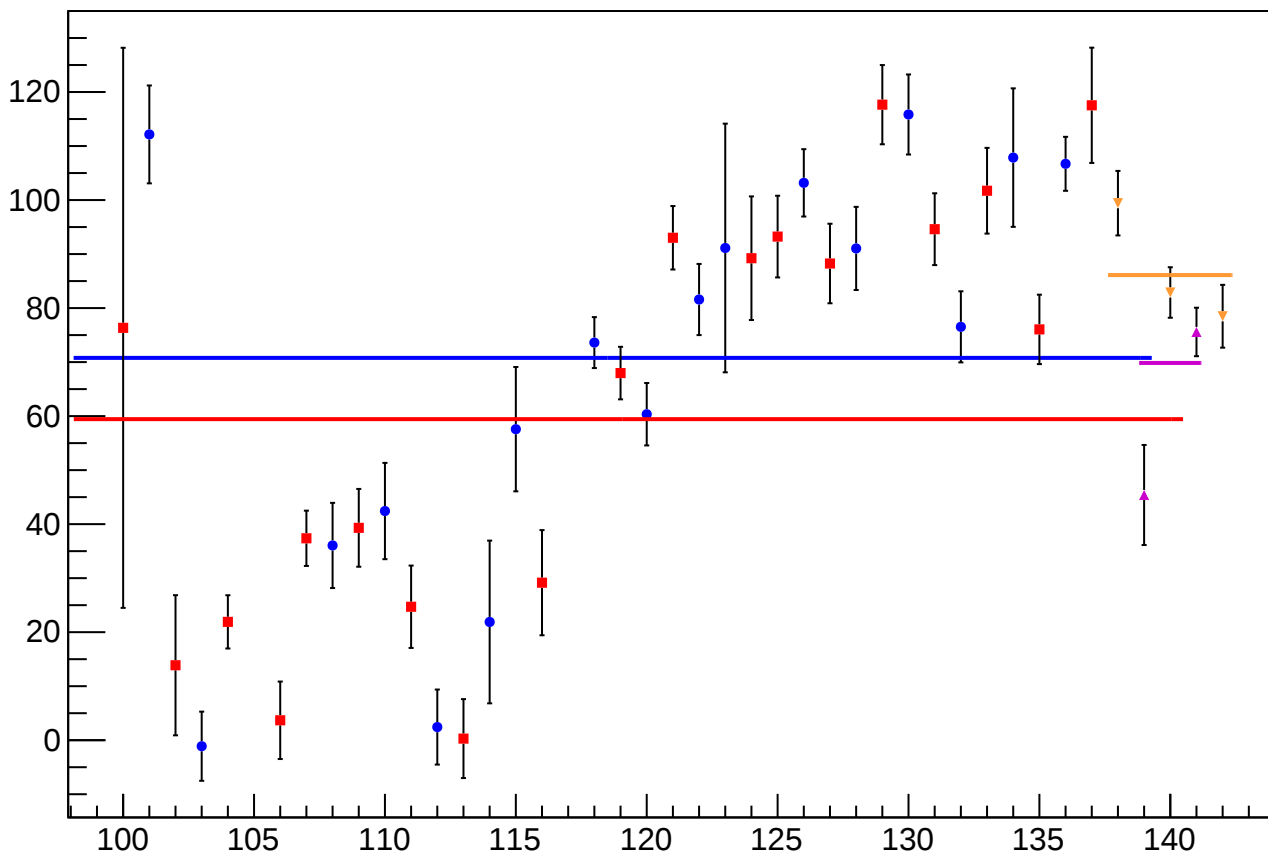
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 356.934 $\pm$ 2.275 χ^2 /NDF: 2563.1/18

Out: 318.212 $\pm$ 2.049 χ^2 /NDF: 3775.8/21

All: 335.554 $\pm$ 1.523 χ^2 /NDF: 6498.8/40

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: 86.111 $\pm$ 3.110 χ^2 /NDF: 7.2/2

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 69.842 $\pm$ 4.039 χ^2 /NDF: 8.6/1

Left: 80.055 $\pm$ 2.464 χ^2 /NDF: 25.9/4

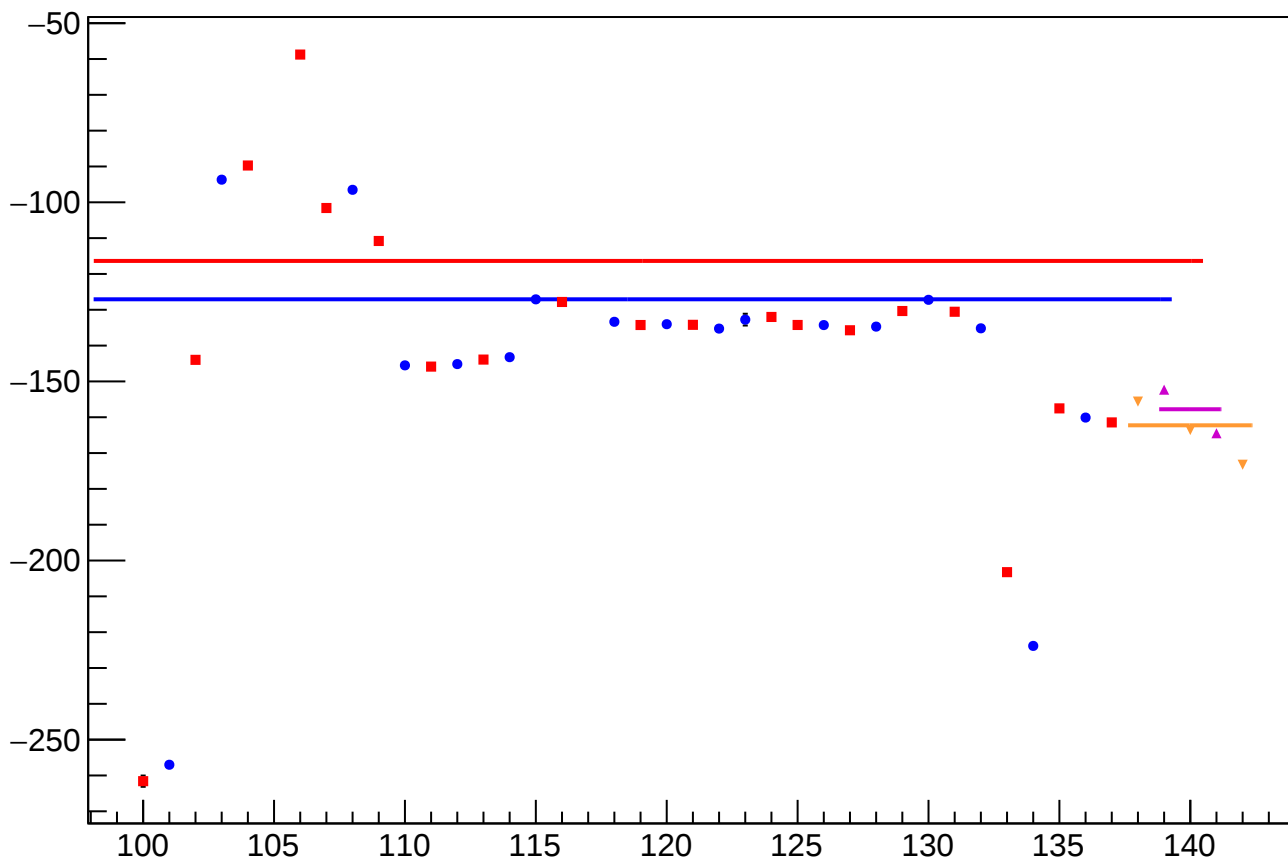
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 70.633 $\pm$ 1.603 χ^2 /NDF: 432.6/18

Out: 65.192 $\pm$ 1.445 χ^2 /NDF: 551.5/21

All: 67.630 $\pm$ 1.073 χ^2 /NDF: 990.5/40

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -162.253+/-0.142 χ^2/NDF : 2031.5/2

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -157.770+/-0.151 χ^2/NDF : 1604.2/1

Left: -160.152+/-0.103 χ^2/NDF : 4103.3/4

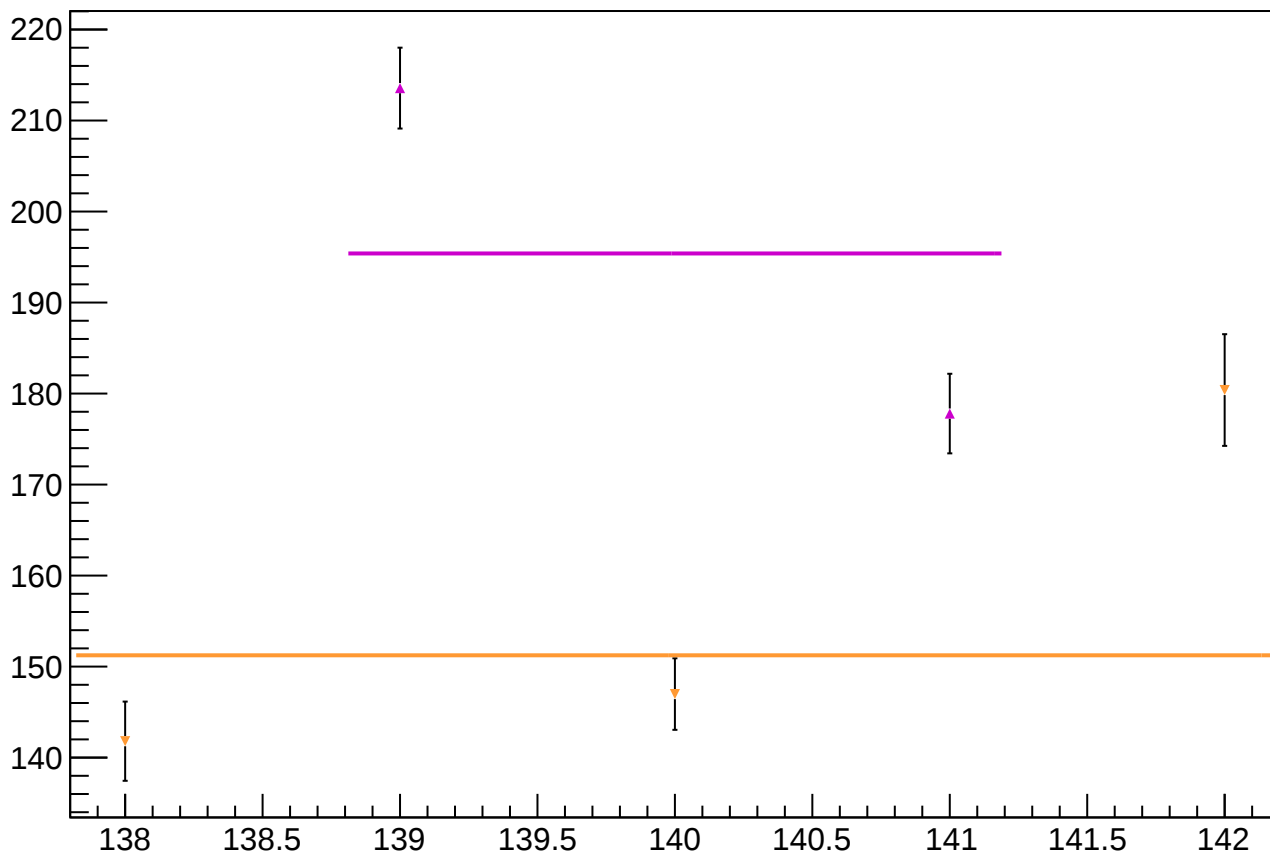
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -135.052+/-0.077 χ^2/NDF : 199176.5/18

Out: -128.037+/-0.072 χ^2/NDF : 247524.6/21

All: -131.288+/-0.052 χ^2/NDF : 451151.1/40

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: 151.240+/-2.634 χ^2/NDF : 28.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 195.394+/-3.116 χ^2/NDF : 32.9/1

Left: 169.642+/-2.012 χ^2/NDF : 178.4/4

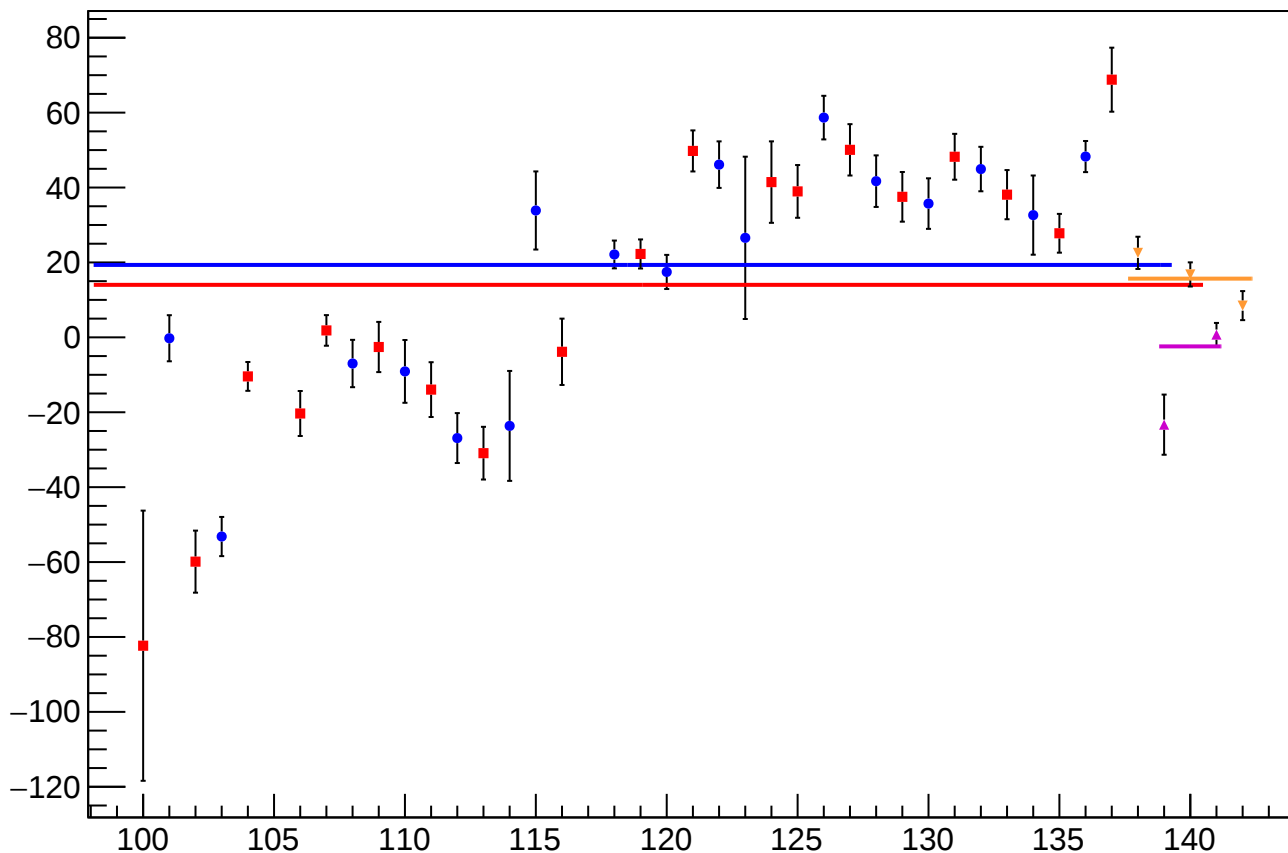
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.394+/-3.116 χ^2/NDF : 32.9/1

Out: 151.240+/-2.634 χ^2/NDF : 28.4/2

All: 169.642+/-2.012 χ^2/NDF : 178.4/4

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: 15.676 ± 2.148 $\chi^2/\text{NDF}: 6.1/2$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -2.416 ± 2.906 $\chi^2/\text{NDF}: 7.8/1$

Left: 9.285 ± 1.727 $\chi^2/\text{NDF}: 39.0/4$

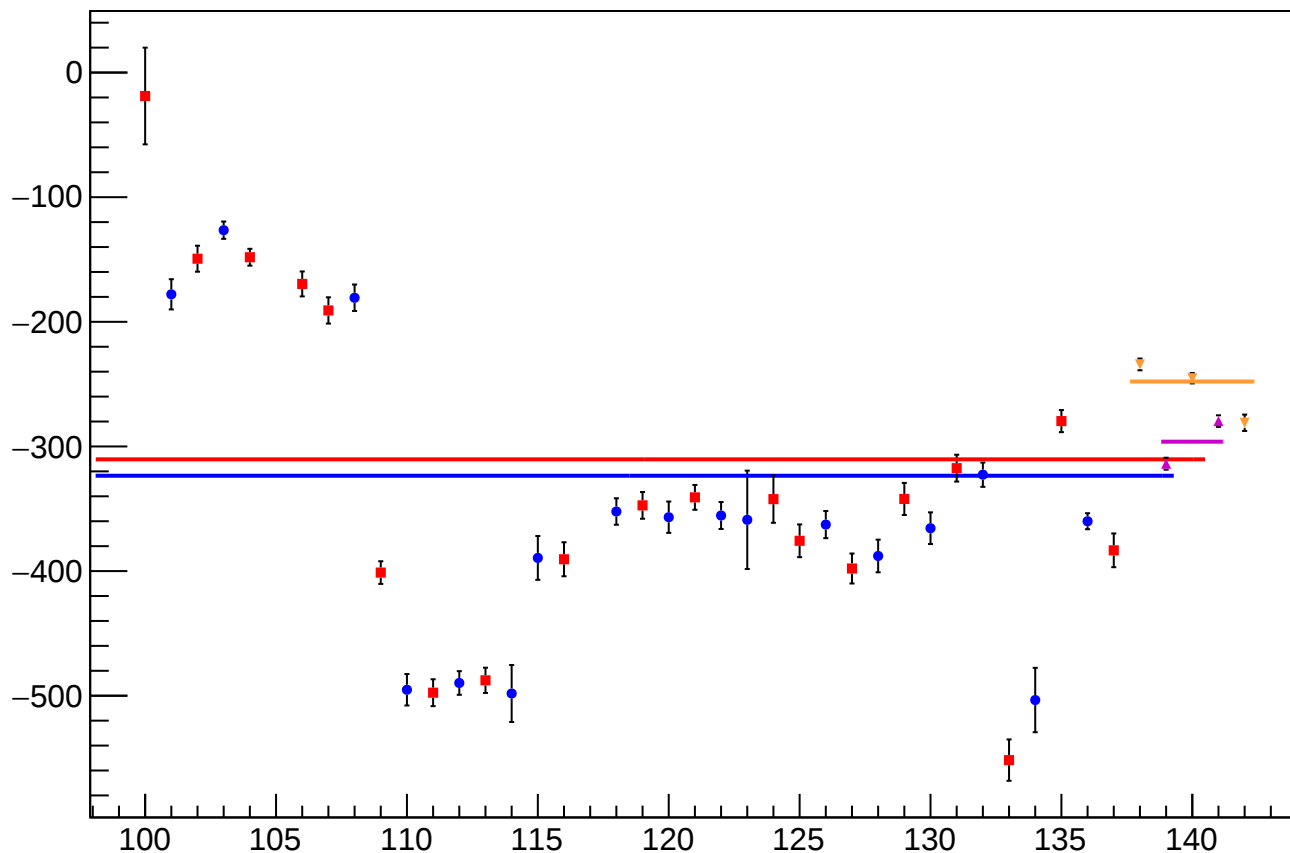
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 14.847 ± 1.320 $\chi^2/\text{NDF}: 492.1/18$

Out: 14.508 ± 1.167 $\chi^2/\text{NDF}: 439.7/21$

All: 14.656 ± 0.874 $\chi^2/\text{NDF}: 931.9/40$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491+/-2.673 χ^2/NDF : 1847.6/16

Left Out: -247.885+/-2.826 χ^2/NDF : 34.3/2

Right Out: -310.336+/-2.522 χ^2/NDF : 2300.5/18

Left In: -296.170+/-3.342 χ^2/NDF : 26.1/1

Left: -268.016+/-2.158 χ^2/NDF : 182.1/4

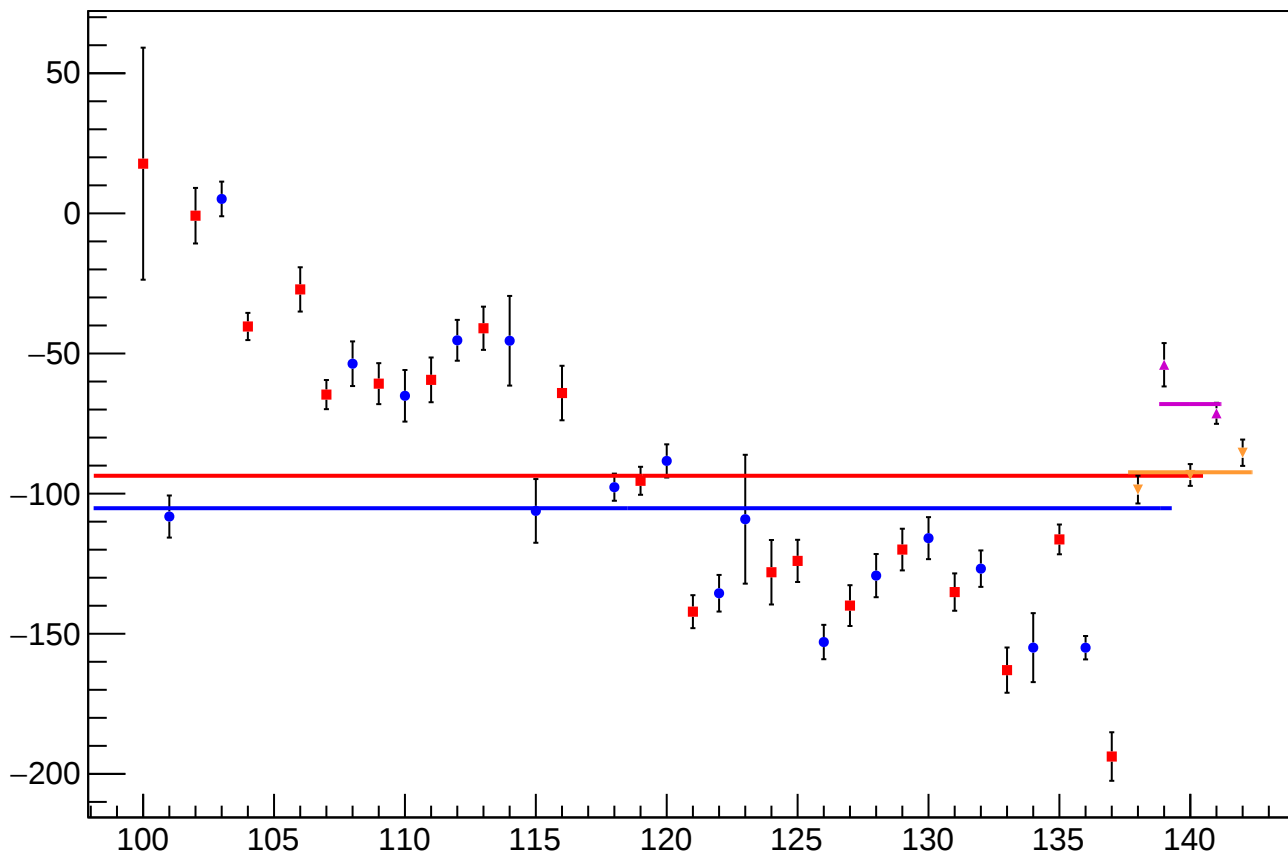
Right: -316.531+/-1.834 χ^2/NDF : 4160.9/35

In: -312.834+/-2.087 χ^2/NDF : 1914.4/18

Out: -282.654+/-1.882 χ^2/NDF : 2606.7/21

All: -296.183+/-1.398 χ^2/NDF : 4636.4/40

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: -92.376 ± 2.564 χ^2/NDF : 3.8/2

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -68.041 ± 3.376 χ^2/NDF : 4.1/1

Left: -83.477 ± 2.042 χ^2/NDF : 40.8/4

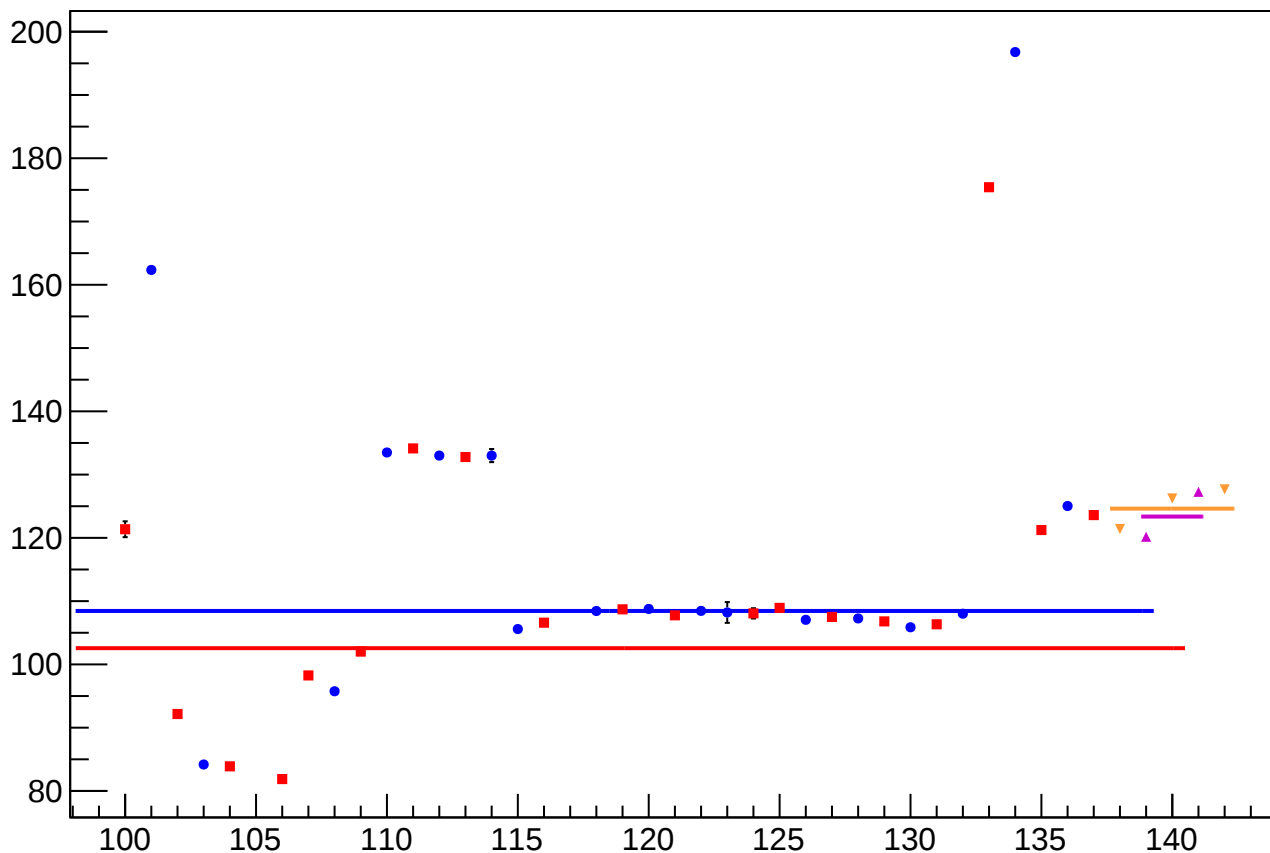
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -97.710 ± 1.516 χ^2/NDF : 836.4/18

Out: -93.271 ± 1.363 χ^2/NDF : 826.6/21

All: -95.256 ± 1.014 χ^2/NDF : 1667.8/40

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 124.621 $\pm$ 0.117 χ^2 /NDF: 505.4/2

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 123.367 $\pm$ 0.126 χ^2 /NDF: 784.7/1

Left: 124.040 $\pm$ 0.086 χ^2 /NDF: 1343.0/4

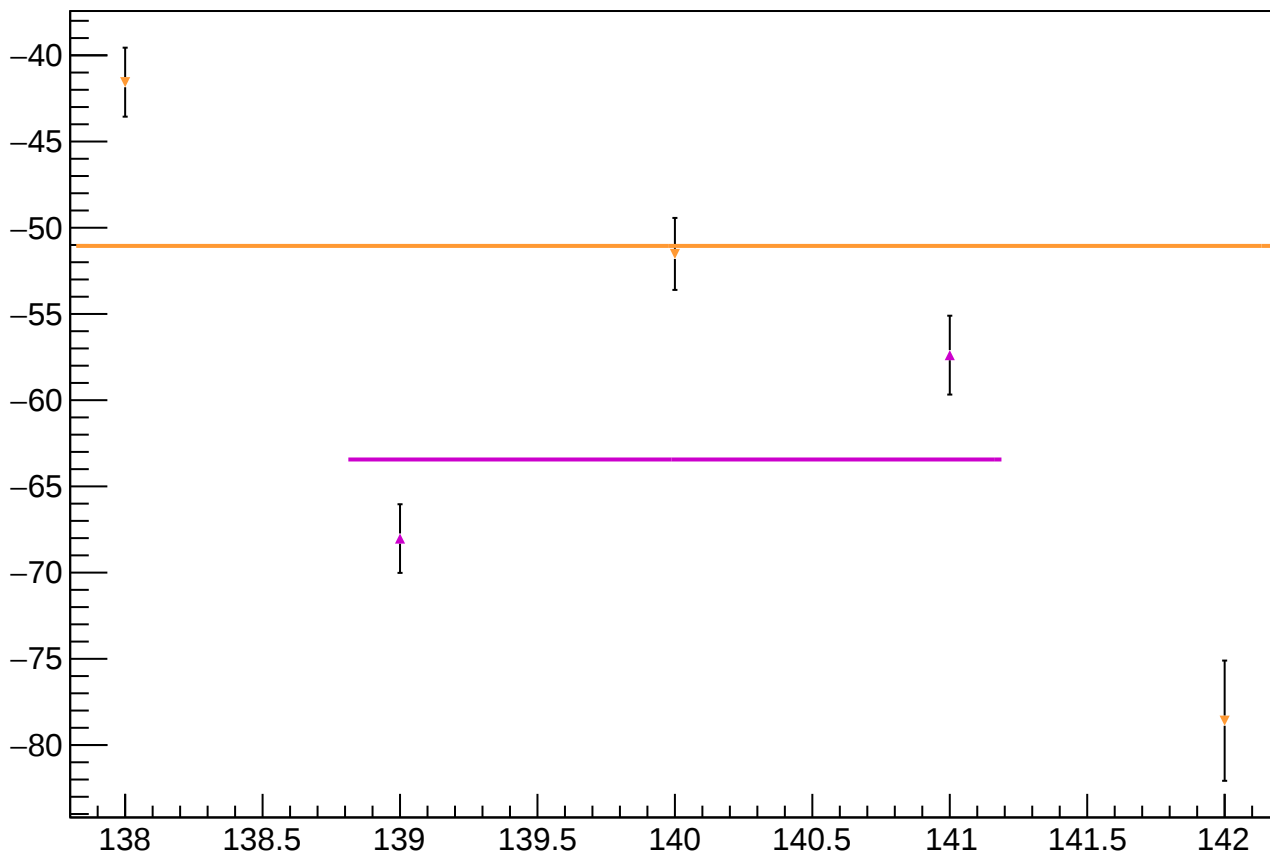
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 113.090 $\pm$ 0.070 χ^2 /NDF: 83681.6/18

Out: 109.501 $\pm$ 0.066 χ^2 /NDF: 77876.4/21

All: 111.174 $\pm$ 0.048 χ^2 /NDF: 162945.9/40

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: -51.054+/-1.334 χ^2/NDF : 85.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -63.440+/-1.501 χ^2/NDF : 12.3/1

Left: -56.520+/-0.997 χ^2/NDF : 135.3/4

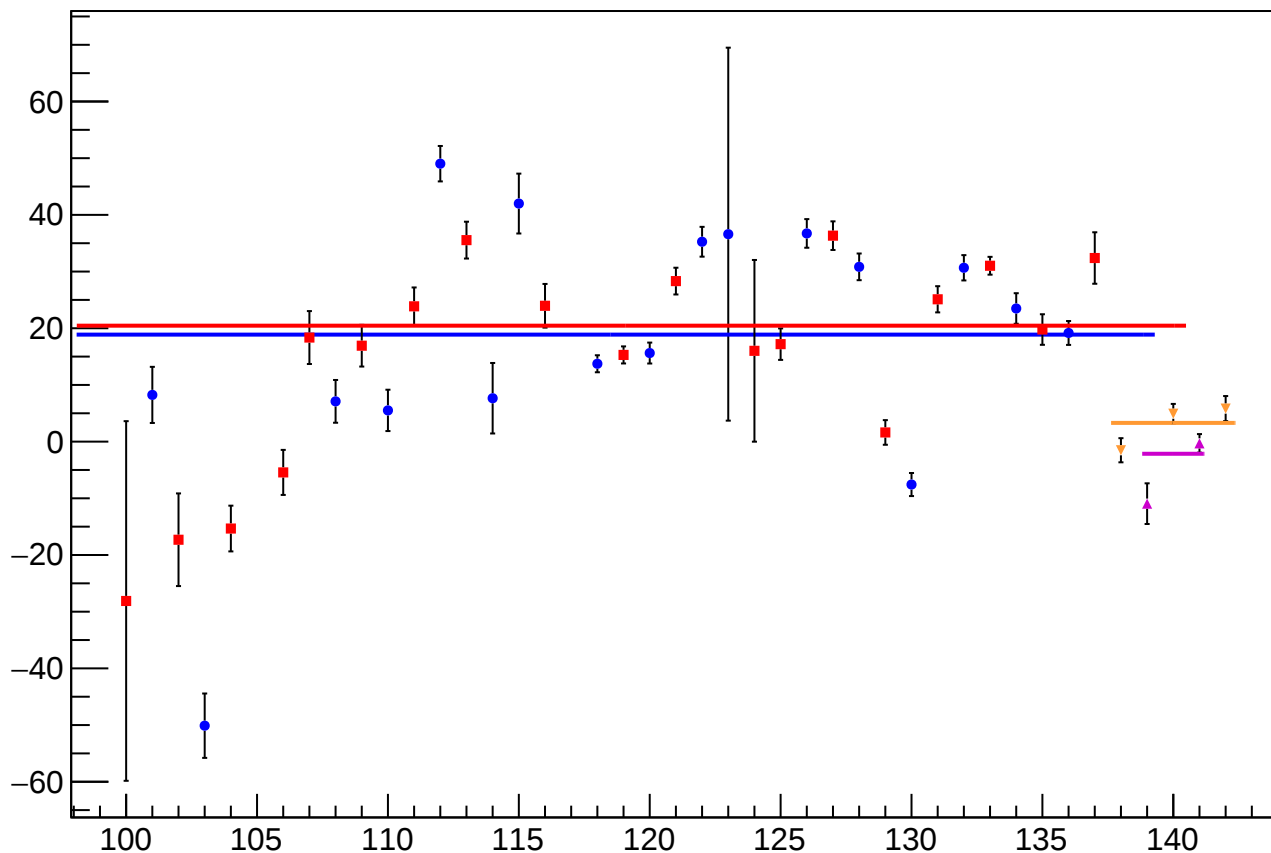
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.440+/-1.501 χ^2/NDF : 12.3/1

Out: -51.054+/-1.334 χ^2/NDF : 85.0/2

All: -56.520+/-0.997 χ^2/NDF : 135.3/4

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 3.303 $\pm$ 1.146 χ^2 /NDF: 7.3/2

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: -2.143 $\pm$ 1.490 χ^2 /NDF: 7.3/1

Left: 1.279 $\pm$ 0.908 χ^2 /NDF: 23.0/4

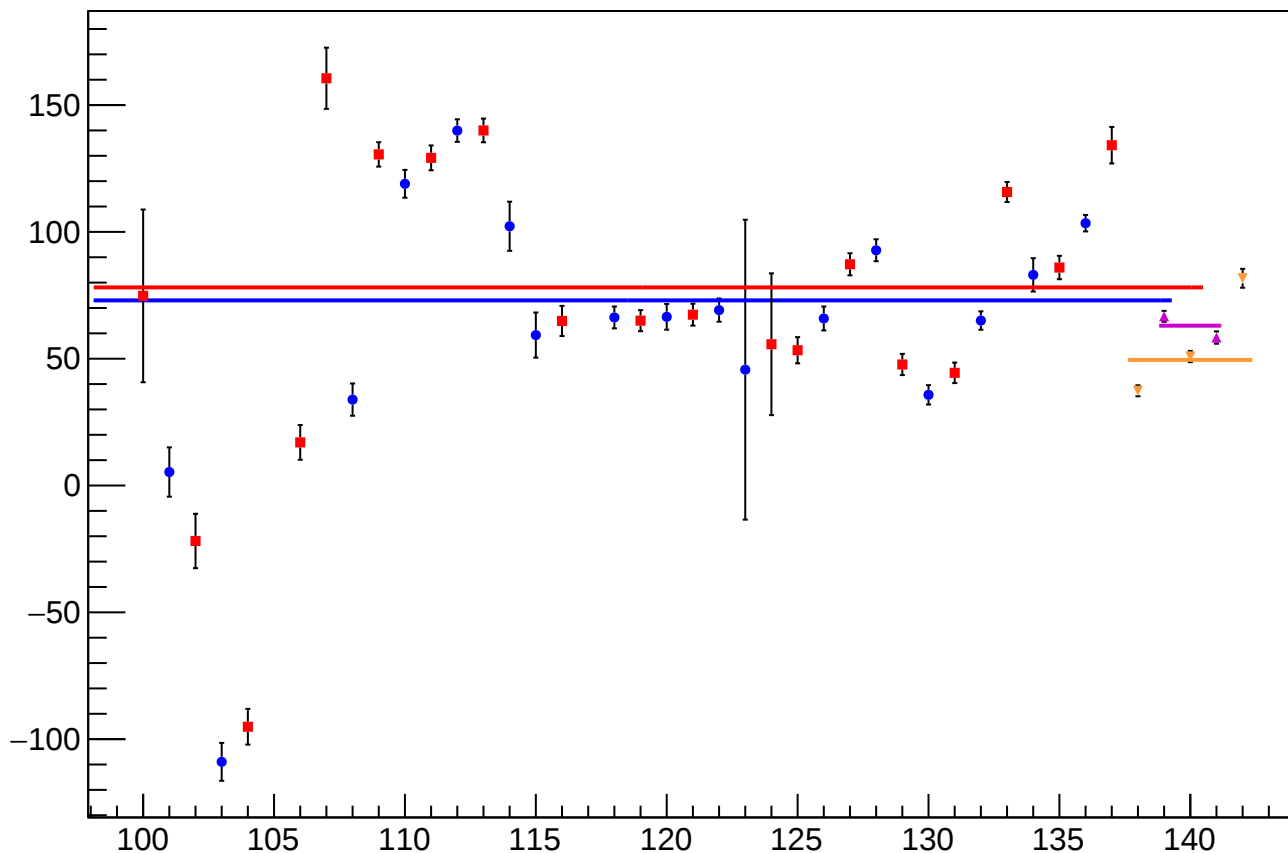
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 15.563 $\pm$ 0.591 χ^2 /NDF: 795.4/18

Out: 16.343 $\pm$ 0.561 χ^2 /NDF: 542.4/21

All: 15.974 $\pm$ 0.407 χ^2 /NDF: 1338.8/40

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: 49.522 $\pm$ 1.434 χ^2 /NDF:106.2/2

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 63.028 $\pm$ 1.613 χ^2 /NDF:6.6/1

Left: 55.483 $\pm$ 1.072 χ^2 /NDF: 152.0/4

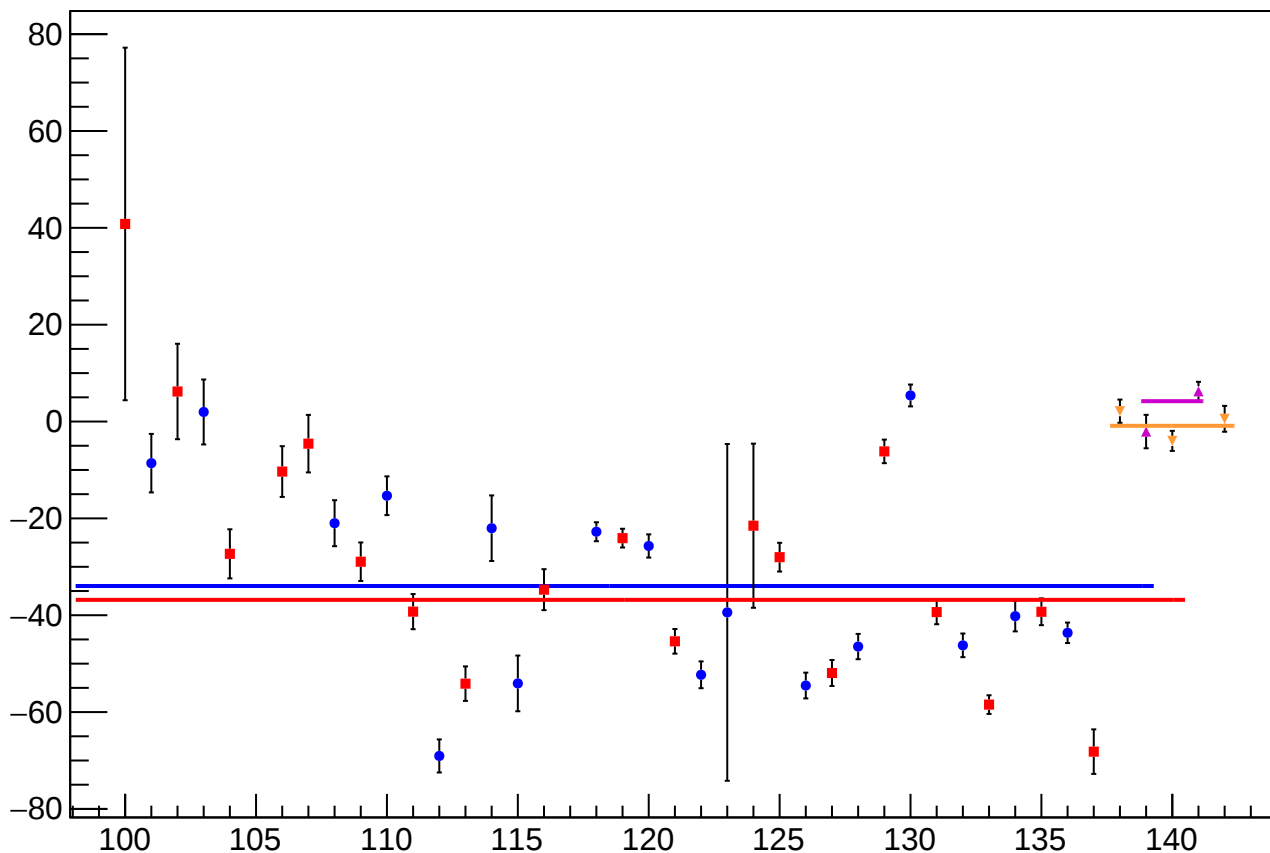
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 69.328 $\pm$ 0.978 χ^2 /NDF:1236.2/18

Out: 66.071 $\pm$ 0.930 χ^2 /NDF:1883.2/21

All: 67.618 $\pm$ 0.674 χ^2 /NDF: 3125.3/40

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: -0.884 ± 1.352 χ^2/NDF : 4.1/2

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: 4.206 ± 1.708 χ^2/NDF : 4.4/1

Left: 1.077 ± 1.060 χ^2/NDF : 14.0/4

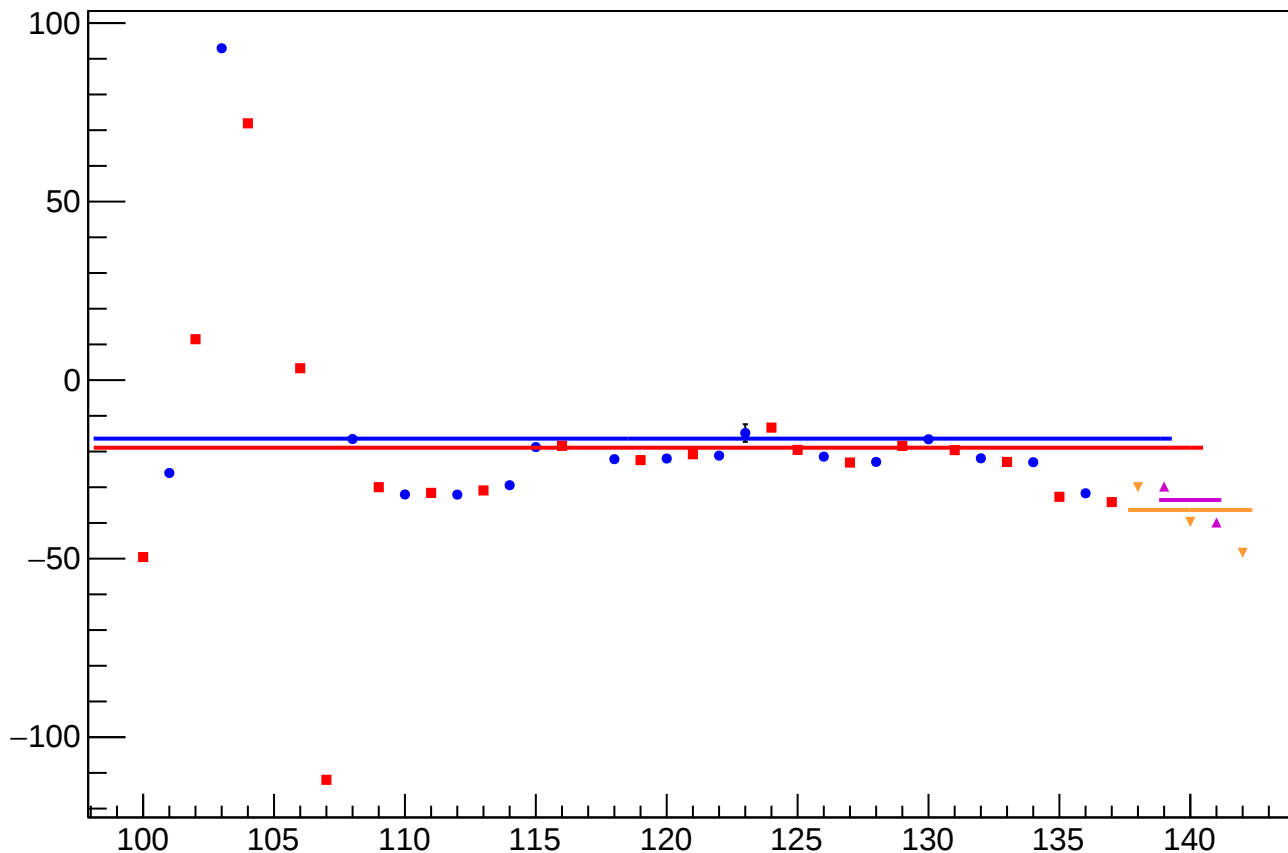
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -27.968 ± 0.677 χ^2/NDF : 1147.1/18

Out: -28.596 ± 0.647 χ^2/NDF : 1088.8/21

All: -28.296 ± 0.468 χ^2/NDF : 2236.3/40

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386+/-0.044 χ^2/NDF : 474297.3/16

Left Out: -36.366+/-0.059 χ^2/NDF :13331.5/2

Right Out: -18.925+/-0.045 χ^2/NDF : 434146.0/18

Left In: -33.579+/-0.060 χ^2/NDF :6579.0/1

Left: -35.006+/-0.042 χ^2/NDF : 21014.8/4

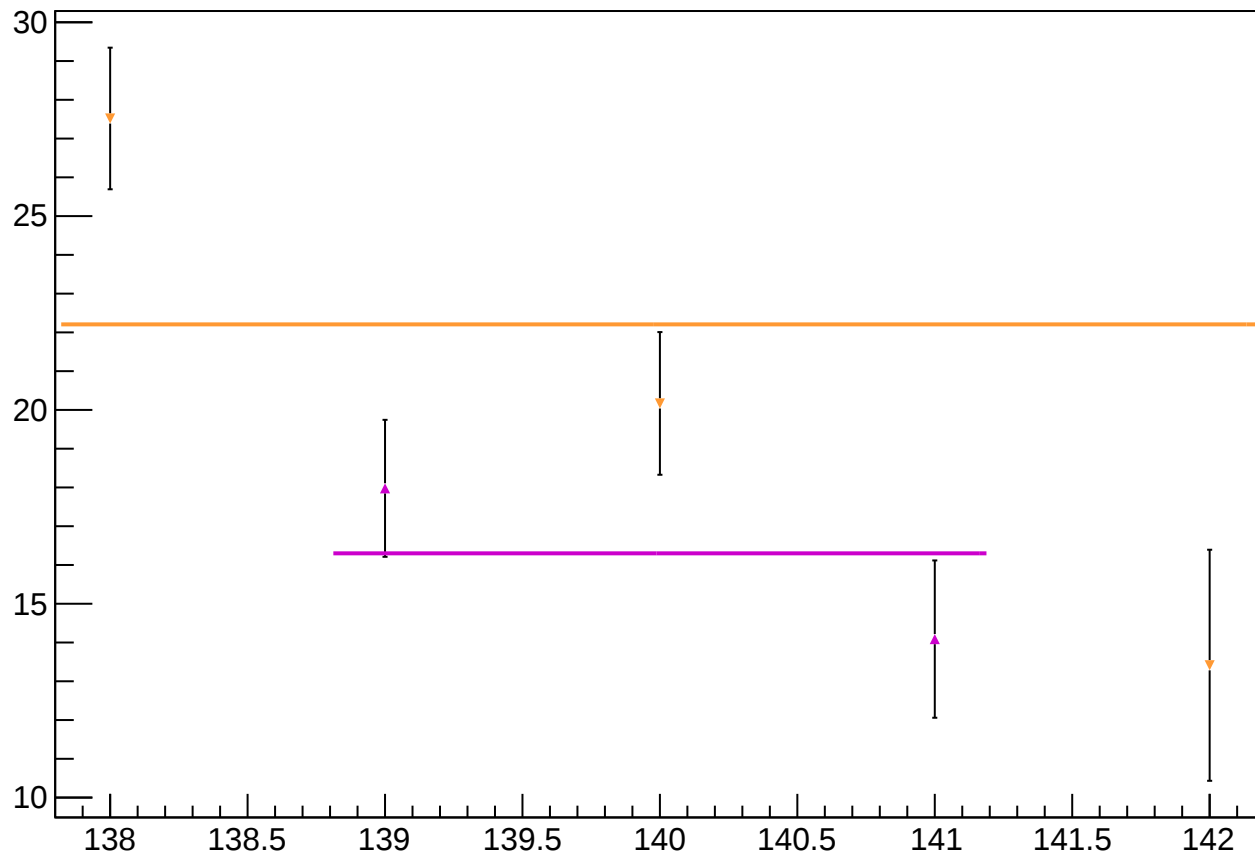
Right: -17.633+/-0.032 χ^2/NDF : 910044.8/35

In: -22.481+/-0.036 χ^2/NDF :533872.9/18

Out: -25.441+/-0.036 χ^2/NDF :502979.0/21

All: -23.958+/-0.025 χ^2/NDF : 1040276.9/40

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: 22.207+/-1.189 χ^2/NDF :18.4/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.300+/-1.332 χ^2/NDF :2.1/1

Left: 19.589+/-0.887 χ^2/NDF : 31.4/4

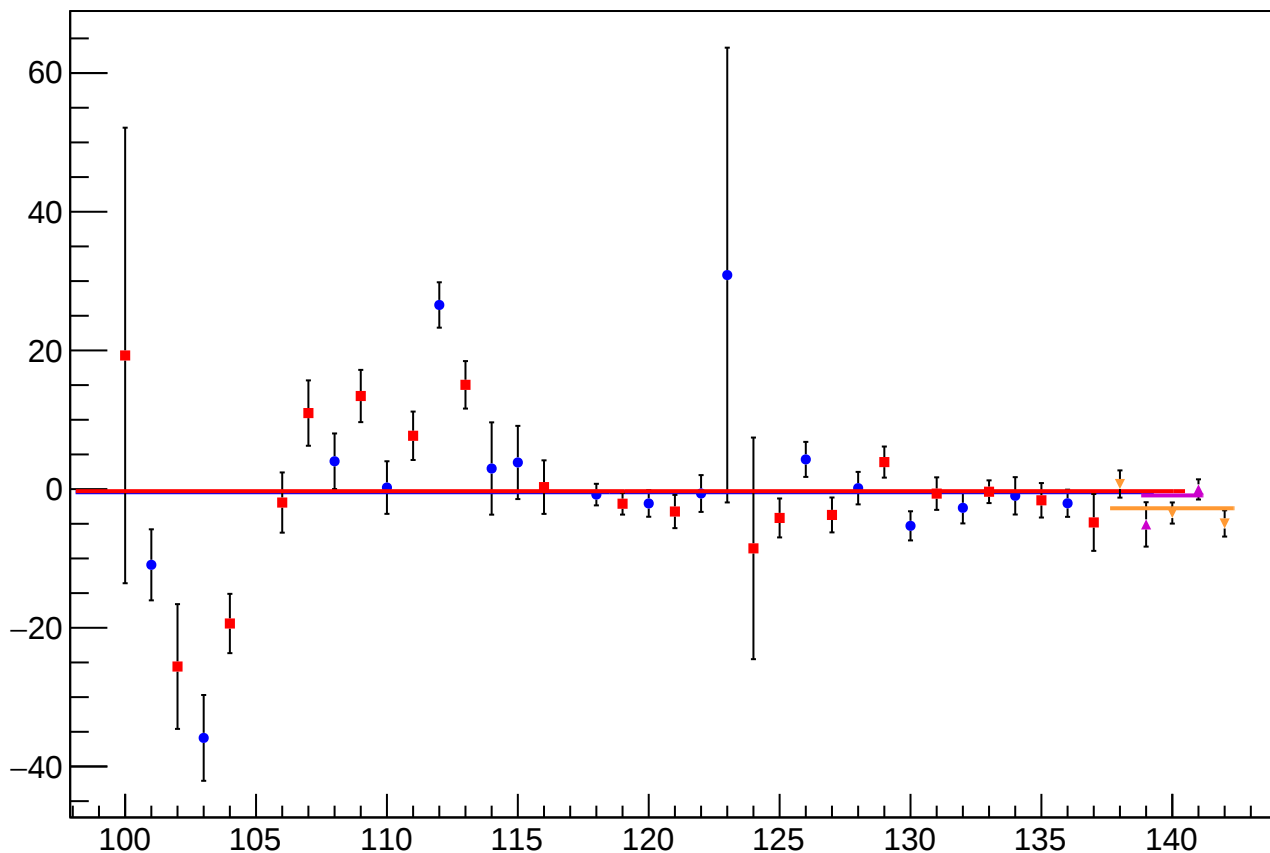
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.300+/-1.332 χ^2/NDF :2.1/1

Out: 22.207+/-1.189 χ^2/NDF :18.4/2

All: 19.589+/-0.887 χ^2/NDF : 31.4/4

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -2.762 ± 1.016 χ^2/NDF : 4.7/2

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.911 ± 1.326 χ^2/NDF : 2.1/1

Left: -2.078 ± 0.806 χ^2/NDF : 8.0/4

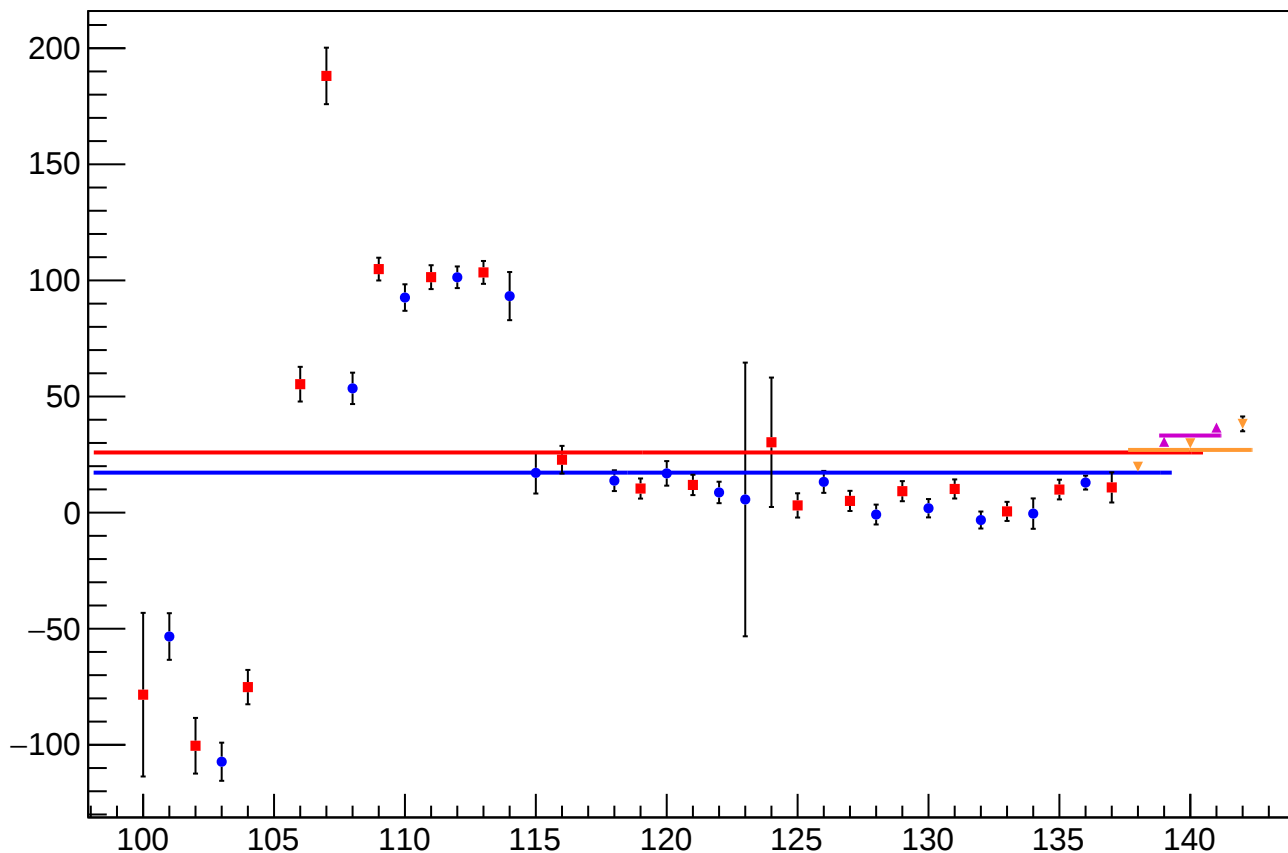
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.542 ± 0.587 χ^2/NDF : 121.7/18

Out: -1.025 ± 0.552 χ^2/NDF : 93.3/21

All: -0.798 ± 0.402 χ^2/NDF : 215.4/40

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: 27.001+/-1.277 χ^2/NDF : 27.9/2

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 33.199+/-1.431 χ^2/NDF : 4.5/1

Left: 29.750+/-0.953 χ^2/NDF : 42.8/4

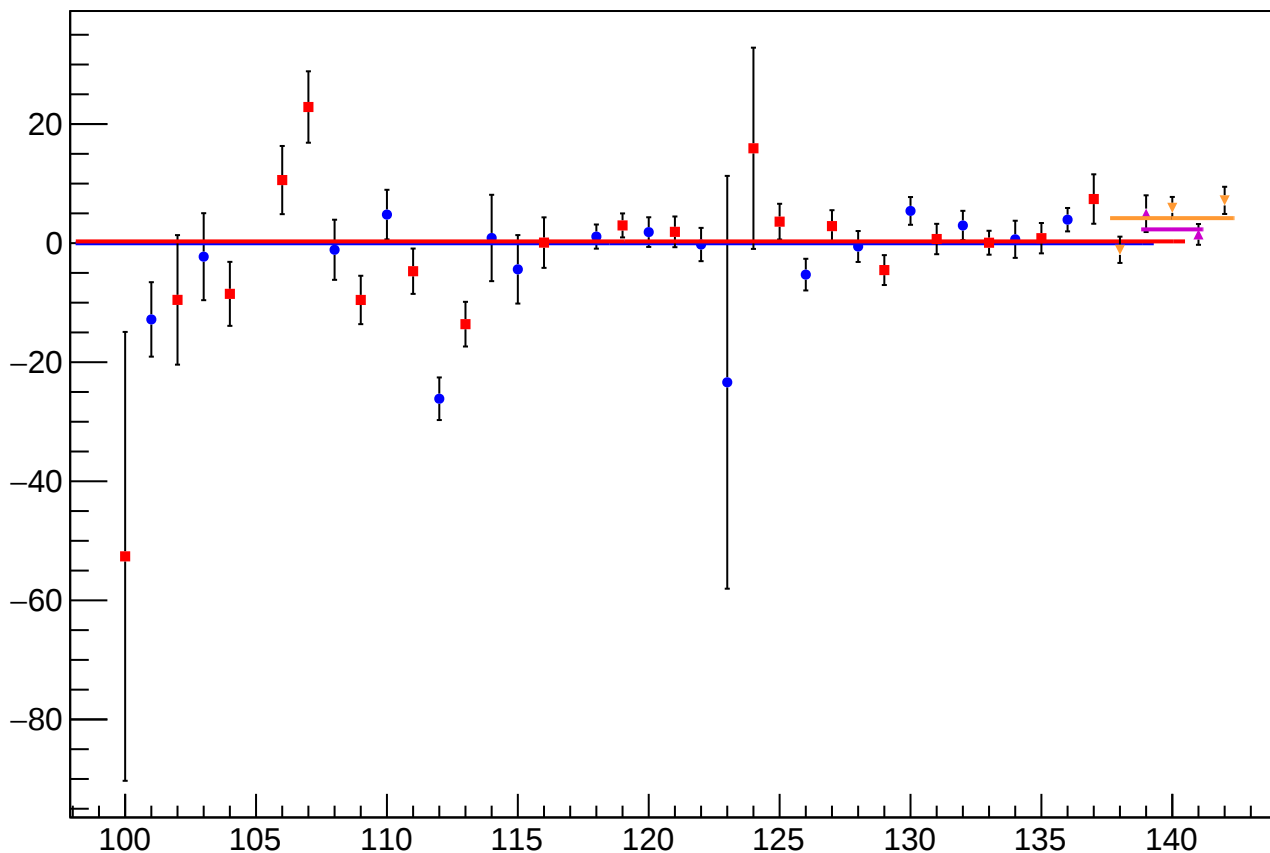
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 24.079+/-0.937 χ^2/NDF : 1015.8/18

Out: 26.437+/-0.891 χ^2/NDF : 1403.0/21

All: 25.318+/-0.646 χ^2/NDF : 2422.1/40

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 $\chi^2/\text{NDF}: 75.8/16$

Left Out: 4.198 ± 1.198 $\chi^2/\text{NDF}: 8.4/2$

Right Out: 0.290 ± 0.749 $\chi^2/\text{NDF}: 56.1/18$

Left In: 2.310 ± 1.519 $\chi^2/\text{NDF}: 1.0/1$

Left: 3.474 ± 0.941 $\chi^2/\text{NDF}: 10.3/4$

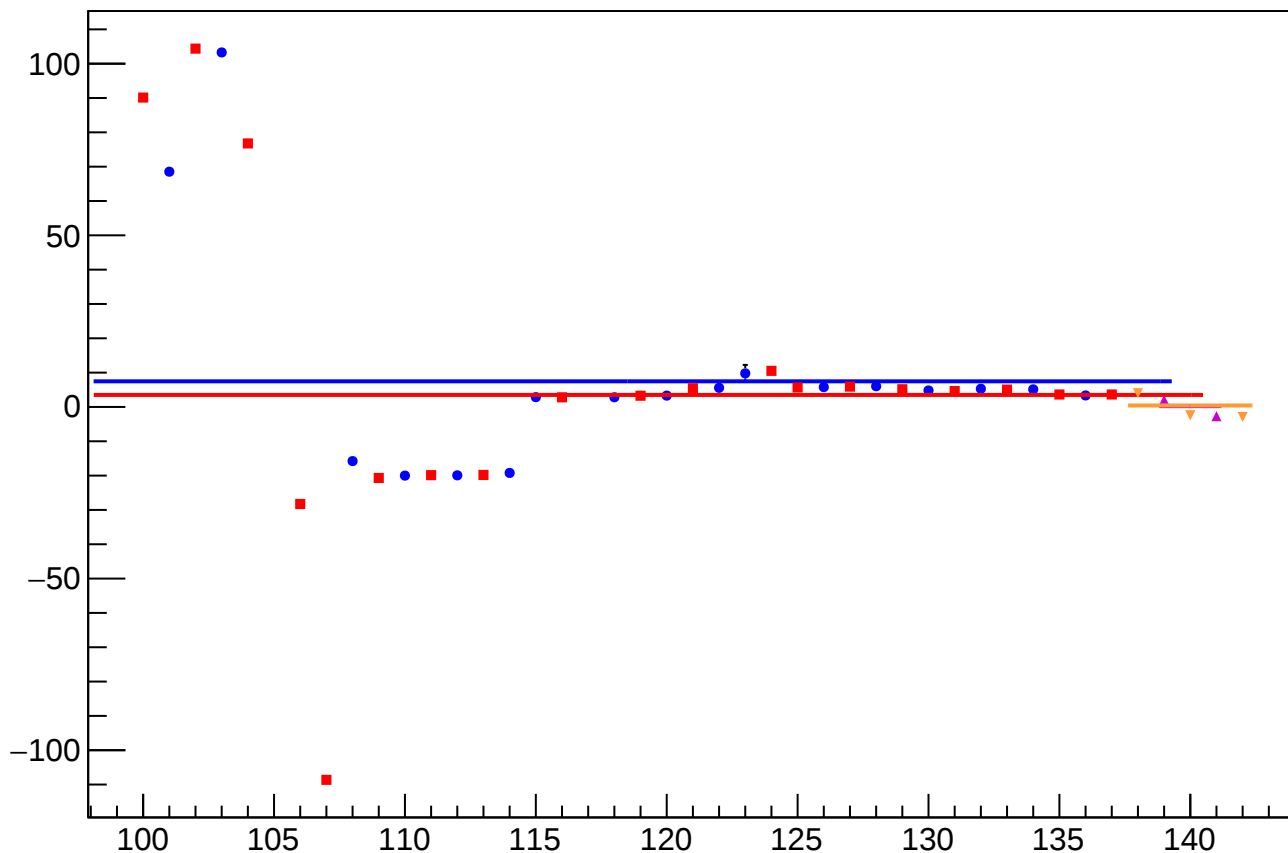
Right: 0.133 ± 0.528 $\chi^2/\text{NDF}: 132.0/35$

In: 0.430 ± 0.669 $\chi^2/\text{NDF}: 78.7/18$

Out: 1.389 ± 0.635 $\chi^2/\text{NDF}: 72.1/21$

All: 0.934 ± 0.461 $\chi^2/\text{NDF}: 151.9/40$

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: 0.429 $\pm$ 0.052 χ^2 /NDF:3973.4/2

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

Left In: 0.236 $\pm$ 0.053 χ^2 /NDF:1827.0/1

Left: 0.335 $\pm$ 0.037 χ^2 /NDF: 5807.1/4

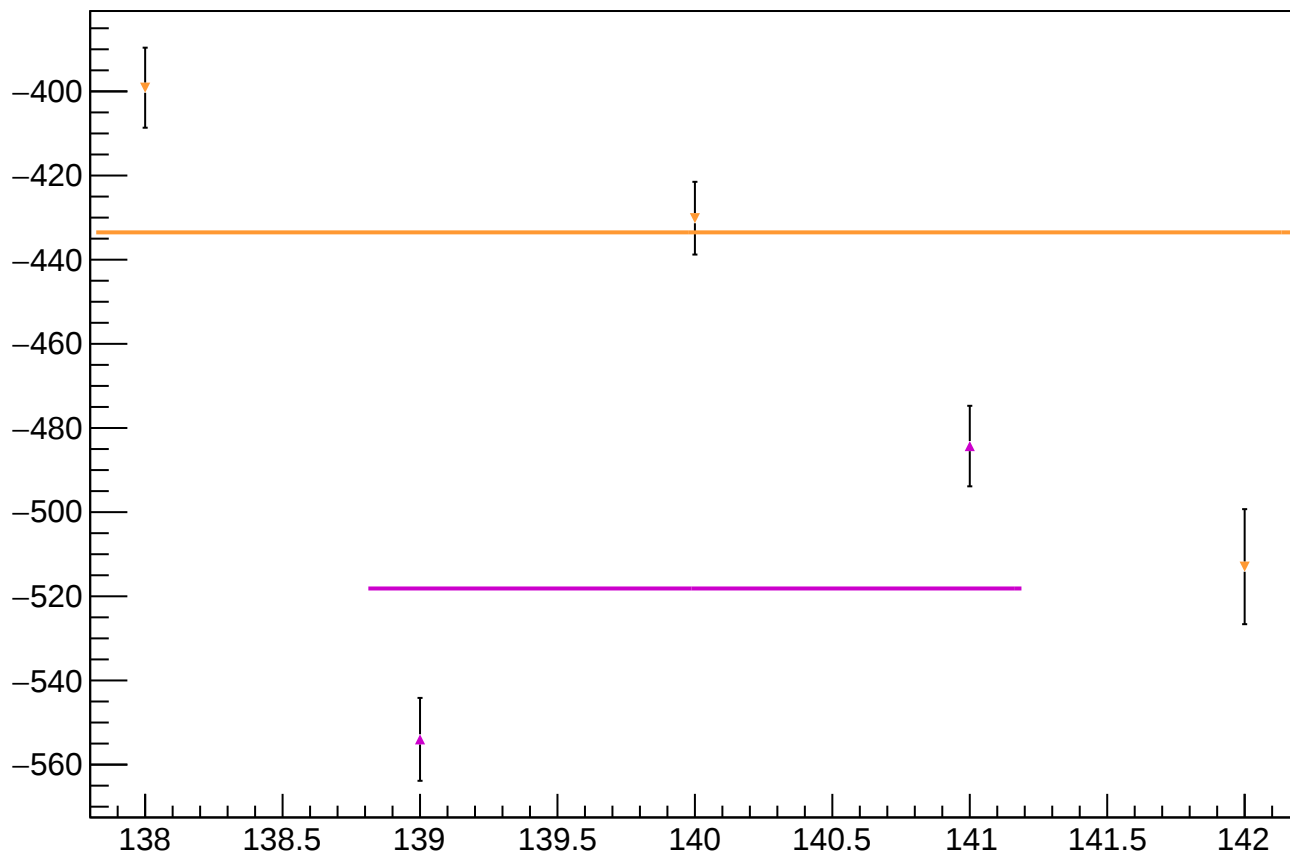
Right: 5.531 $\pm$ 0.032 χ^2 /NDF: 870350.4/35

In: 4.503 $\pm$ 0.034 χ^2 /NDF:368554.2/18

Out: 2.169 $\pm$ 0.034 χ^2 /NDF:516519.5/21

All: 3.341 $\pm$ 0.024 χ^2 /NDF: 887398.8/40

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: -433.507+/-5.794 χ^2/NDF : 47.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -518.141+/-6.863 χ^2/NDF : 25.8/1

Left: -468.724+/-4.427 χ^2/NDF : 161.6/4

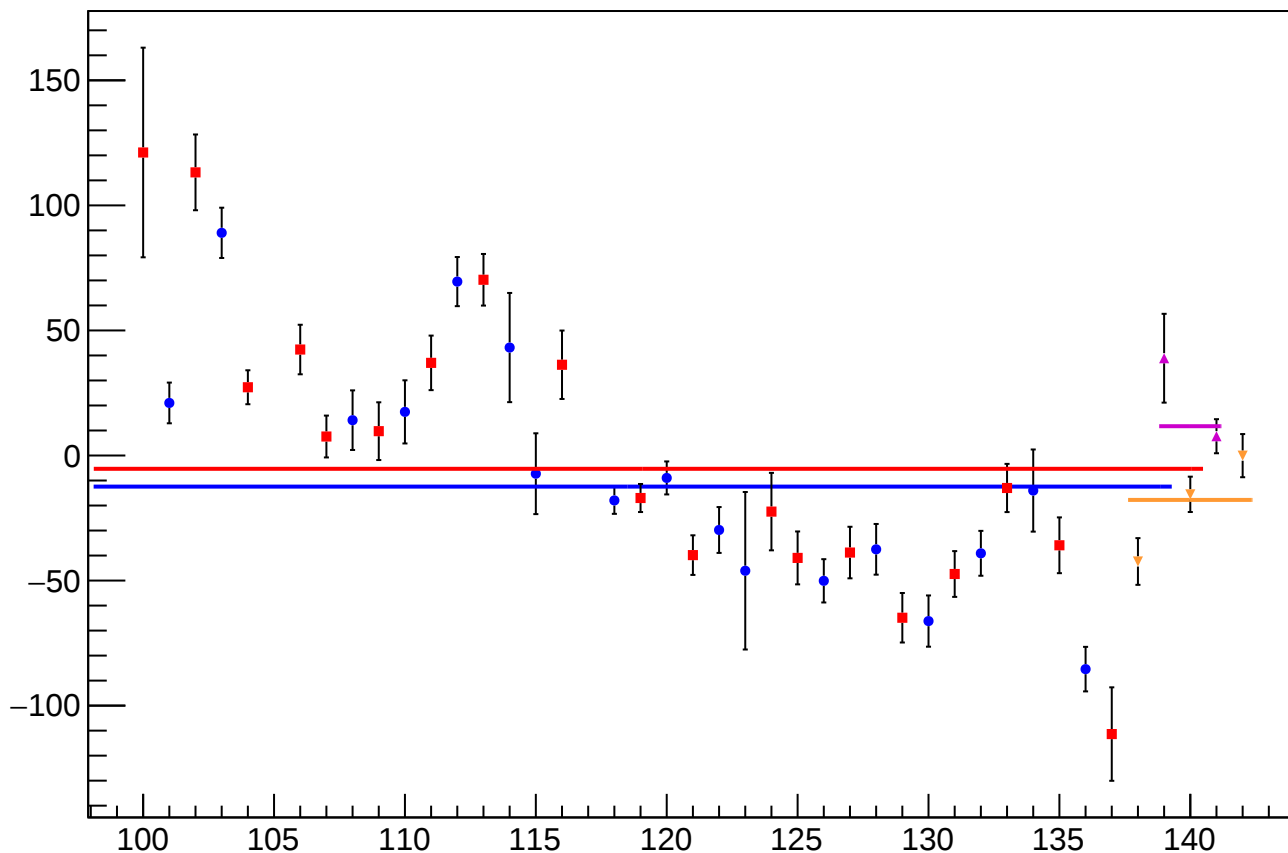
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -518.141+/-6.863 χ^2/NDF : 25.8/1

Out: -433.507+/-5.794 χ^2/NDF : 47.0/2

All: -468.724+/-4.427 χ^2/NDF : 161.6/4

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: -17.754 ± 4.719 χ^2/NDF : 11.3/2

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 11.713 ± 6.361 χ^2/NDF : 2.7/1

Left: -7.294 ± 3.790 χ^2/NDF : 27.8/4

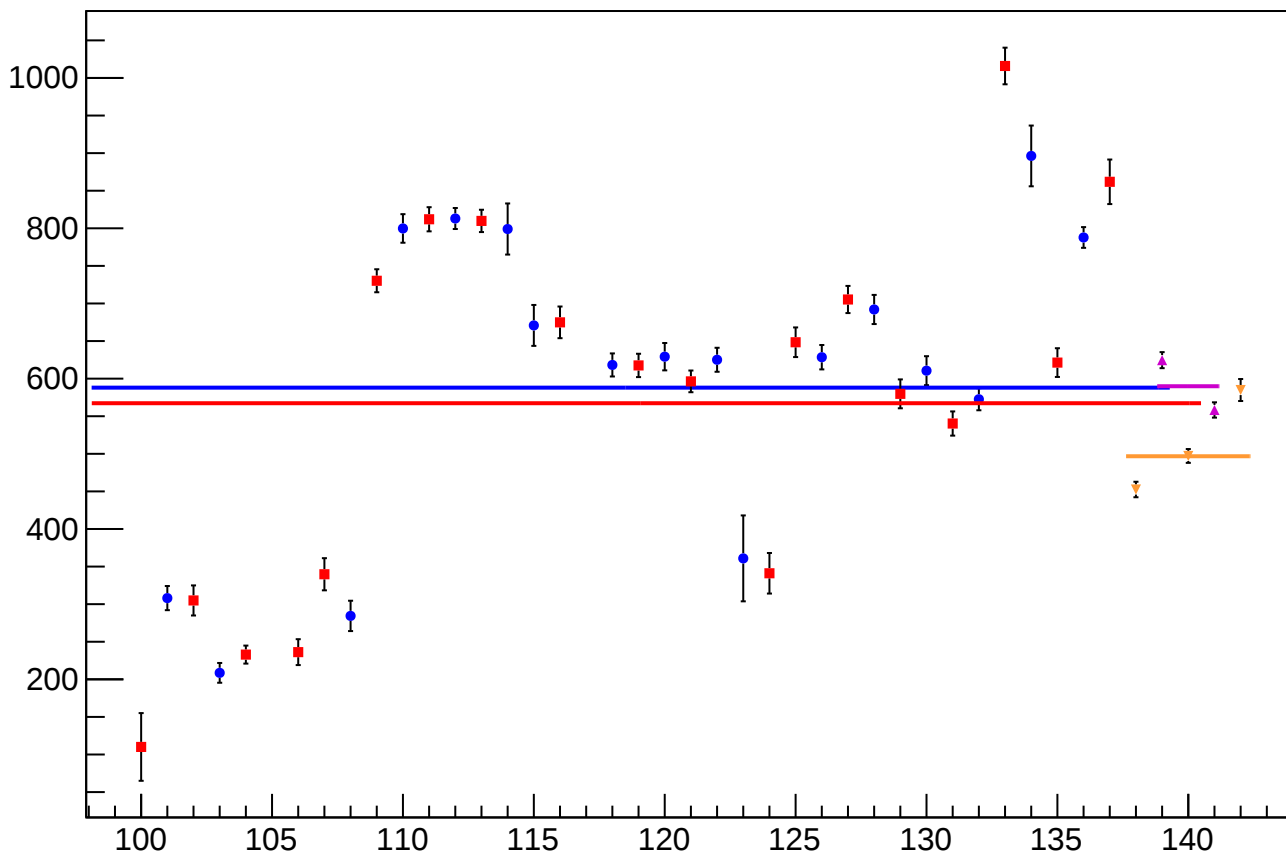
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: -9.607 ± 2.175 χ^2/NDF : 355.6/18

Out: -7.637 ± 2.038 χ^2/NDF : 359.7/21

All: -8.558 ± 1.487 χ^2/NDF : 715.8/40

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: 496.765 $\pm$ 6.215 χ^2 /NDF:54.7/2

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 589.905 $\pm$ 7.360 χ^2 /NDF:20.2/1

Left: 535.532 $\pm$ 4.749 χ^2 /NDF: 168.4/4

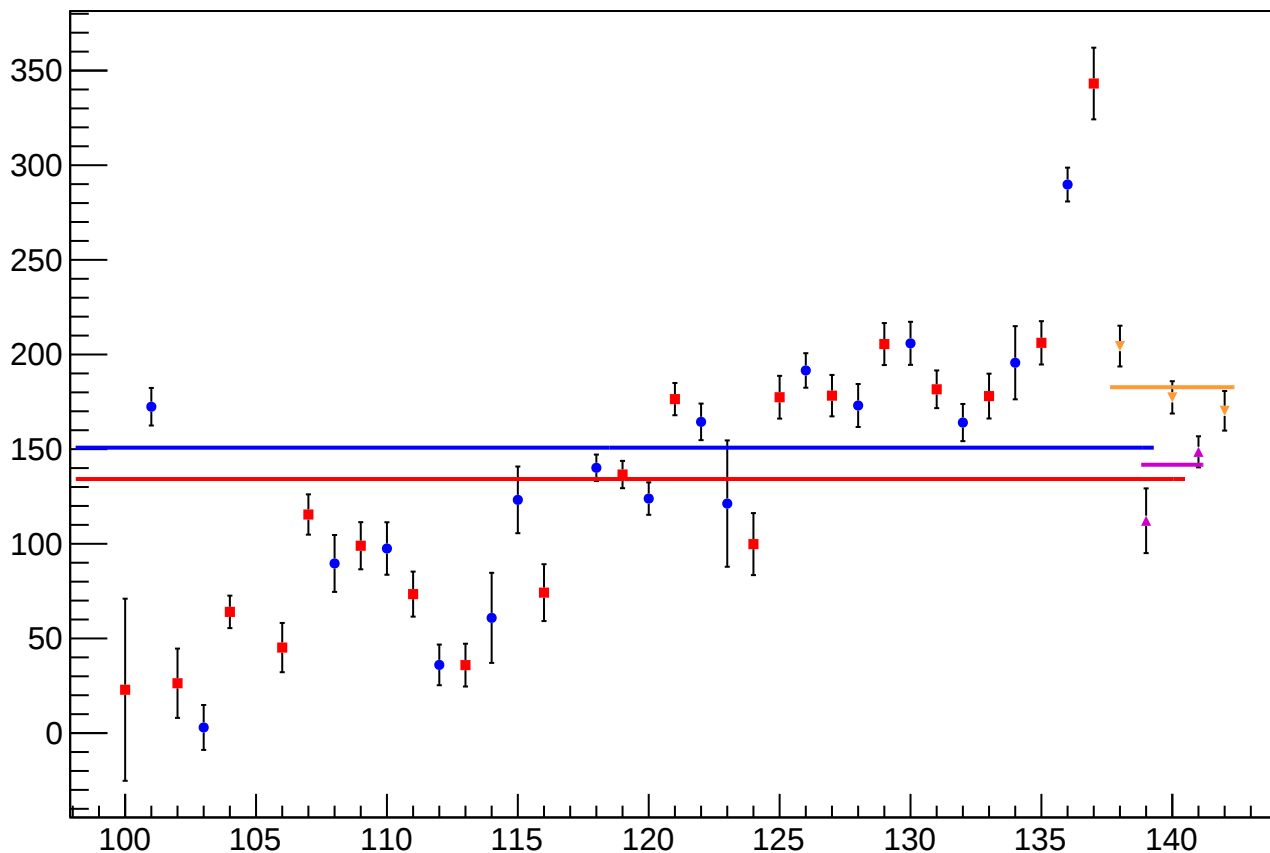
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 588.515 $\pm$ 3.731 χ^2 /NDF:2148.0/18

Out: 545.680 $\pm$ 3.442 χ^2 /NDF:2928.3/21

All: 565.370 $\pm$ 2.530 χ^2 /NDF: 5147.5/40

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: 182.722 $\pm$ 5.636 χ^2 /NDF: 5.9/2

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 141.766 $\pm$ 7.399 χ^2 /NDF: 3.7/1

Left: 167.685 $\pm$ 4.483 χ^2 /NDF: 29.0/4

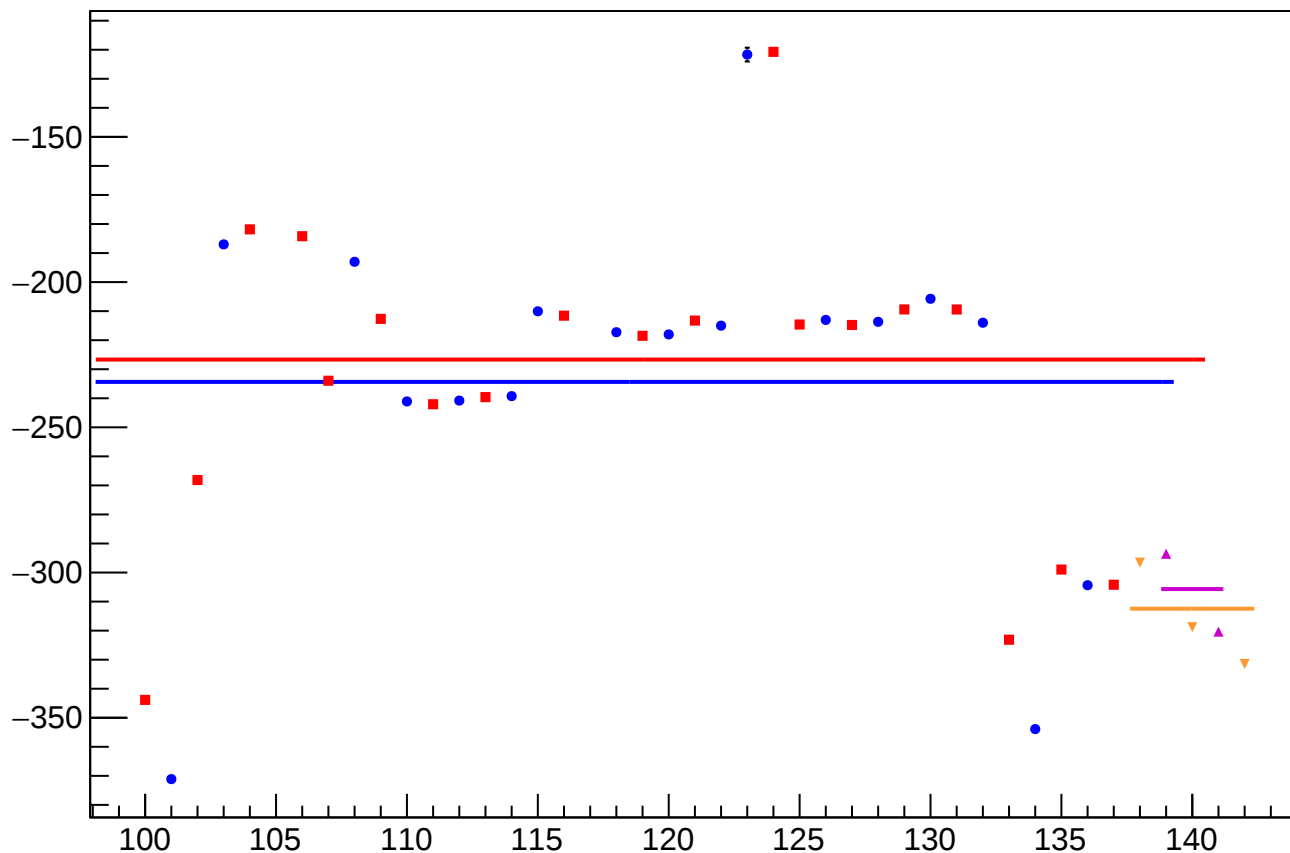
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 149.740 $\pm$ 2.519 χ^2 /NDF: 638.1/18

Out: 142.814 $\pm$ 2.372 χ^2 /NDF: 648.4/21

All: 146.069 $\pm$ 1.727 χ^2 /NDF: 1290.6/40

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: -312.447+/-0.258 χ^2/NDF : 2789.0/2

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -305.687+/-0.278 χ^2/NDF : 2305.5/1

Left: -309.313+/-0.189 χ^2/NDF : 5412.0/4

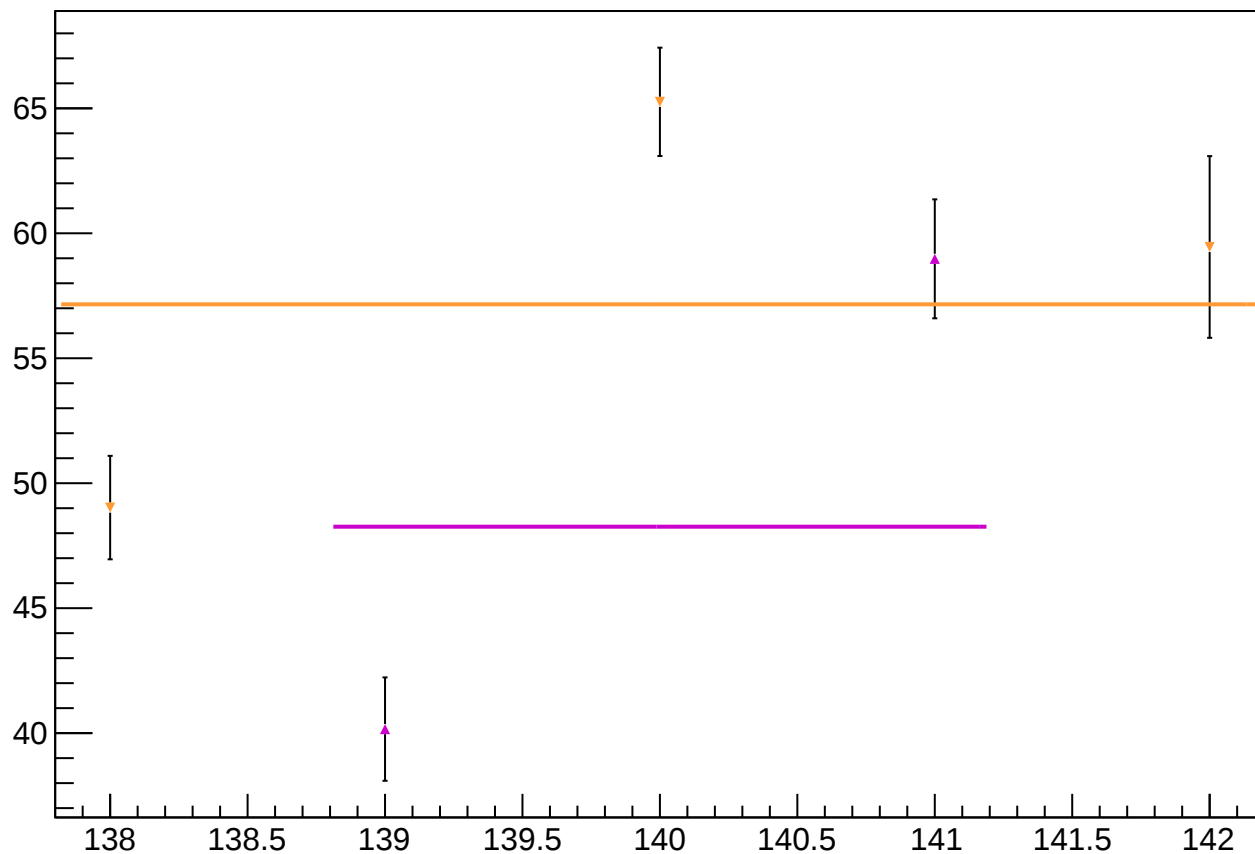
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -250.204+/-0.131 χ^2/NDF : 198727.2/18

Out: -246.419+/-0.124 χ^2/NDF : 187154.1/21

All: -248.207+/-0.090 χ^2/NDF : 386322.2/40

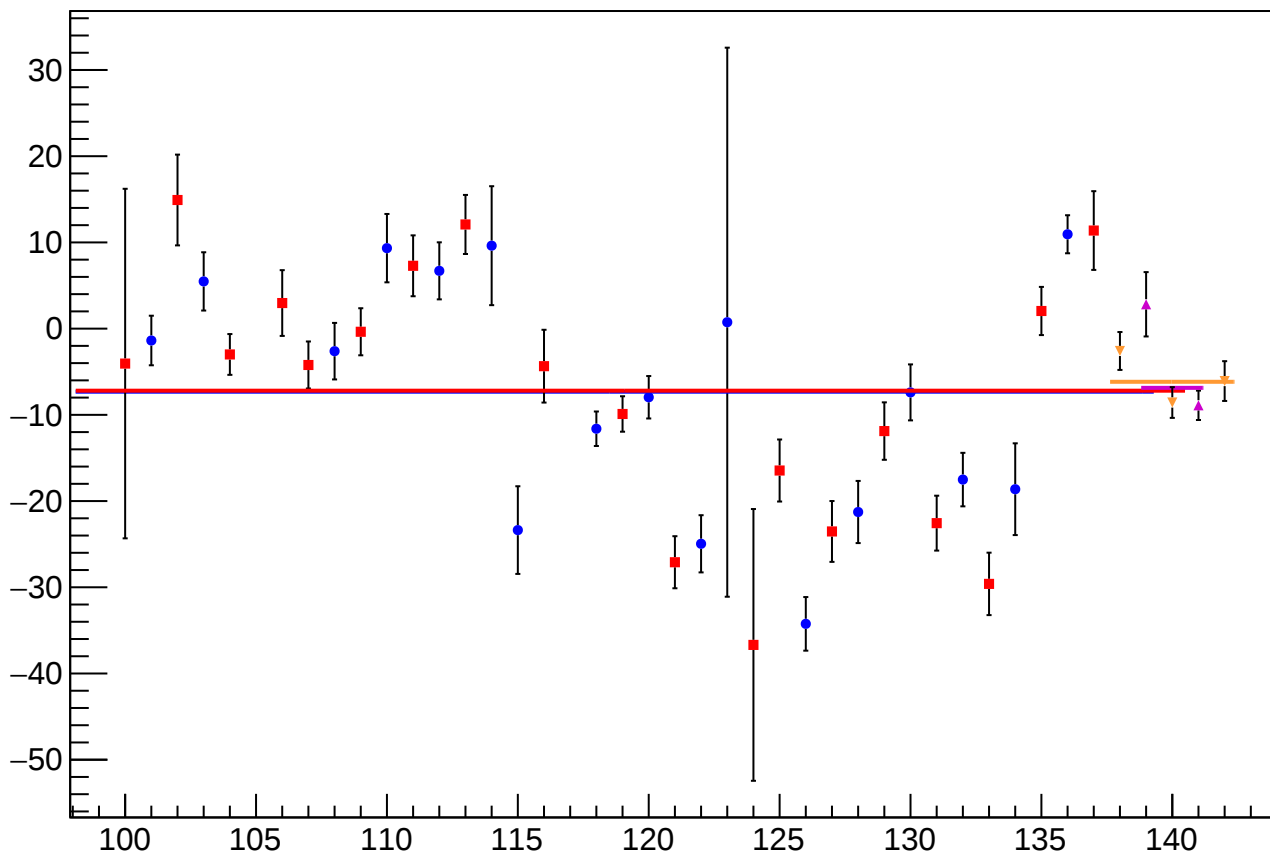
reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 57.157 ± 1.384 χ^2/NDF : 29.8/2
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 48.260 ± 1.561 χ^2/NDF : 35.6/1

Left: 53.241 ± 1.036 χ^2/NDF : 83.6/4
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 48.260 ± 1.561 χ^2/NDF : 35.6/1
 Out: 57.157 ± 1.384 χ^2/NDF : 29.8/2
 All: 53.241 ± 1.036 χ^2/NDF : 83.6/4

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: -6.166 ± 1.187 χ^2/NDF : 4.5/2

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -6.869 ± 1.551 χ^2/NDF : 8.2/1

Left: -6.426 ± 0.943 χ^2/NDF : 12.7/4

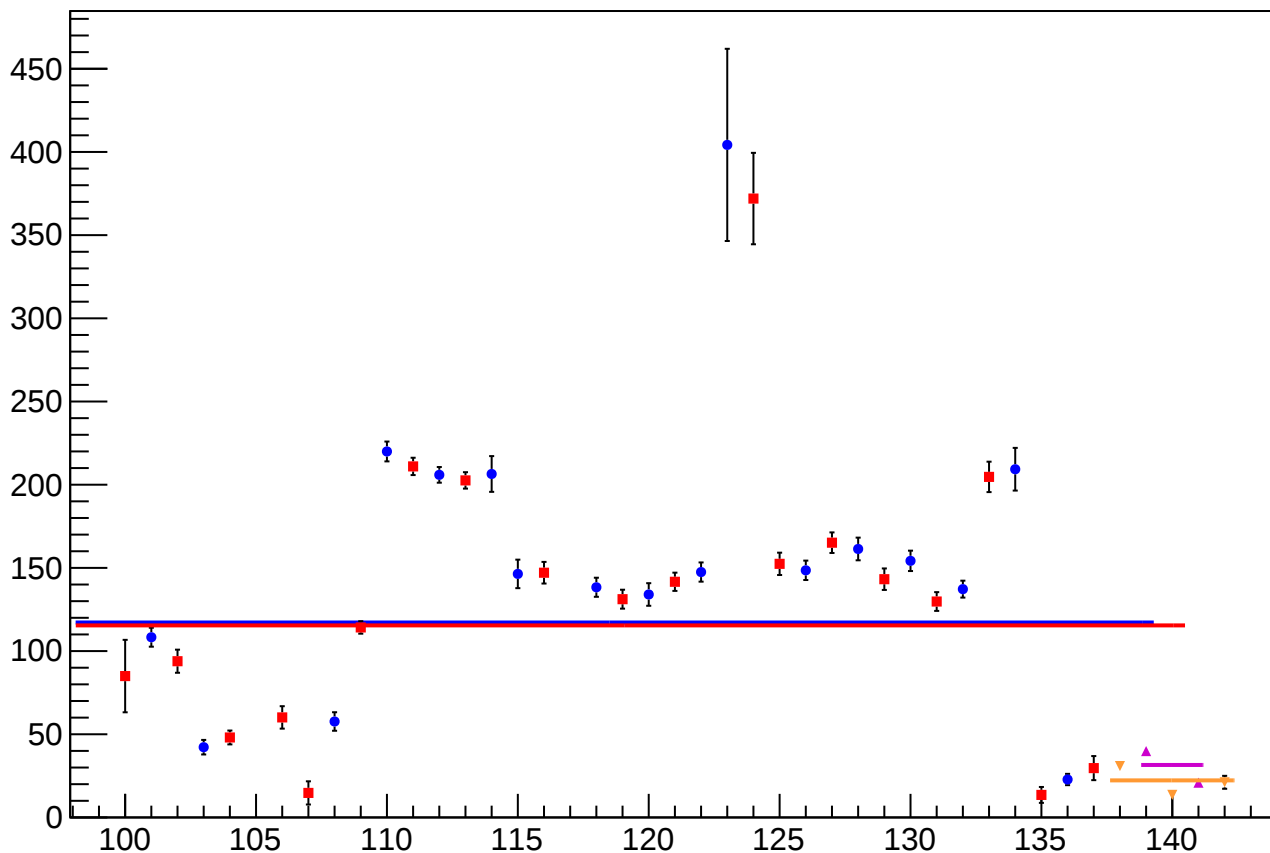
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -7.223 ± 0.697 χ^2/NDF : 287.3/18

Out: -6.897 ± 0.641 χ^2/NDF : 257.1/21

All: -7.047 ± 0.472 χ^2/NDF : 544.5/40

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: 22.284+/-1.487 χ^2/NDF :29.0/2

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 31.547+/-1.677 χ^2/NDF :31.6/1

Left: 26.363+/-1.113 χ^2/NDF : 77.7/4

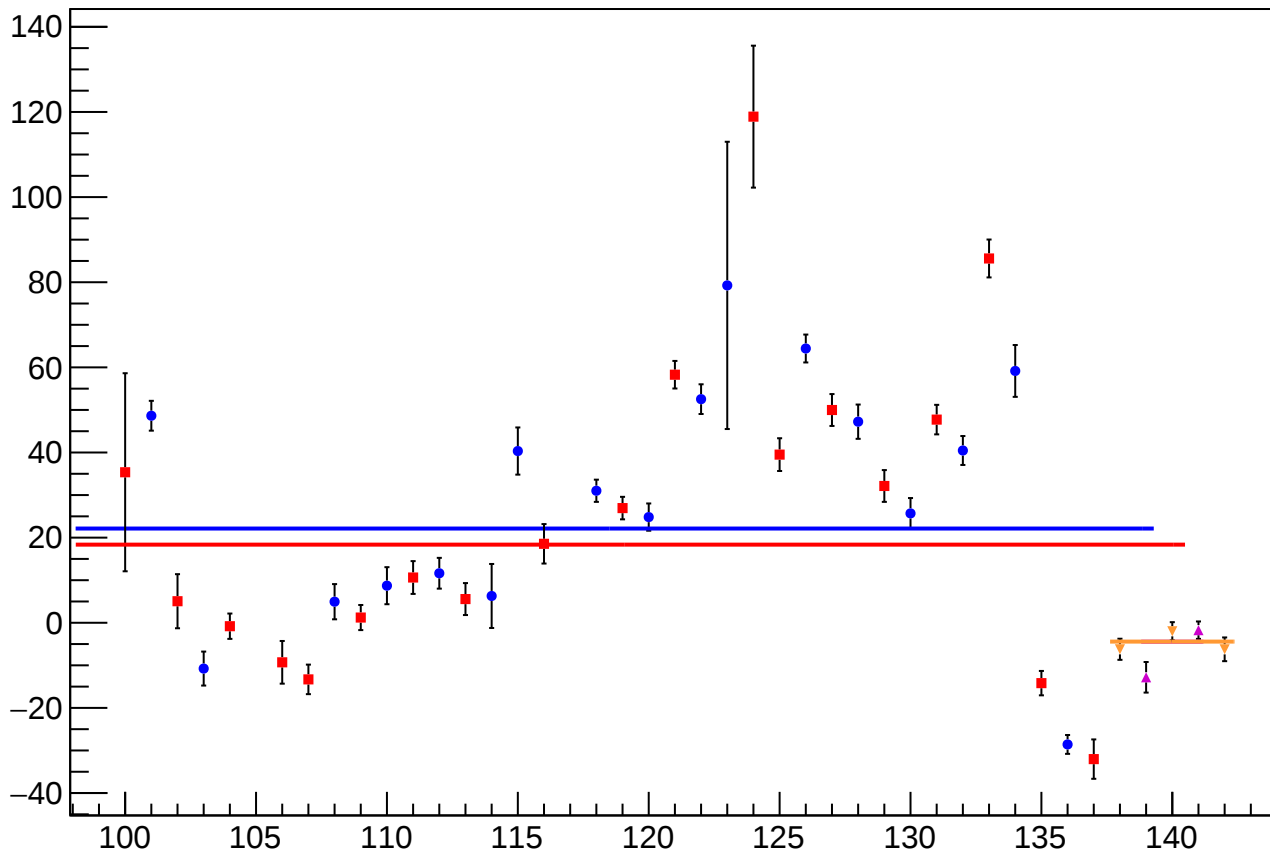
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 81.675+/-1.080 χ^2/NDF :3717.3/18

Out: 73.003+/-1.004 χ^2/NDF :4315.6/21

All: 77.024+/-0.735 χ^2/NDF : 8067.6/40

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -4.424 $\pm$ 1.402 χ^2 /NDF: 2.2/2

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: -4.447 $\pm$ 1.778 χ^2 /NDF: 7.2/1

Left: -4.433 $\pm$ 1.101 χ^2 /NDF: 9.4/4

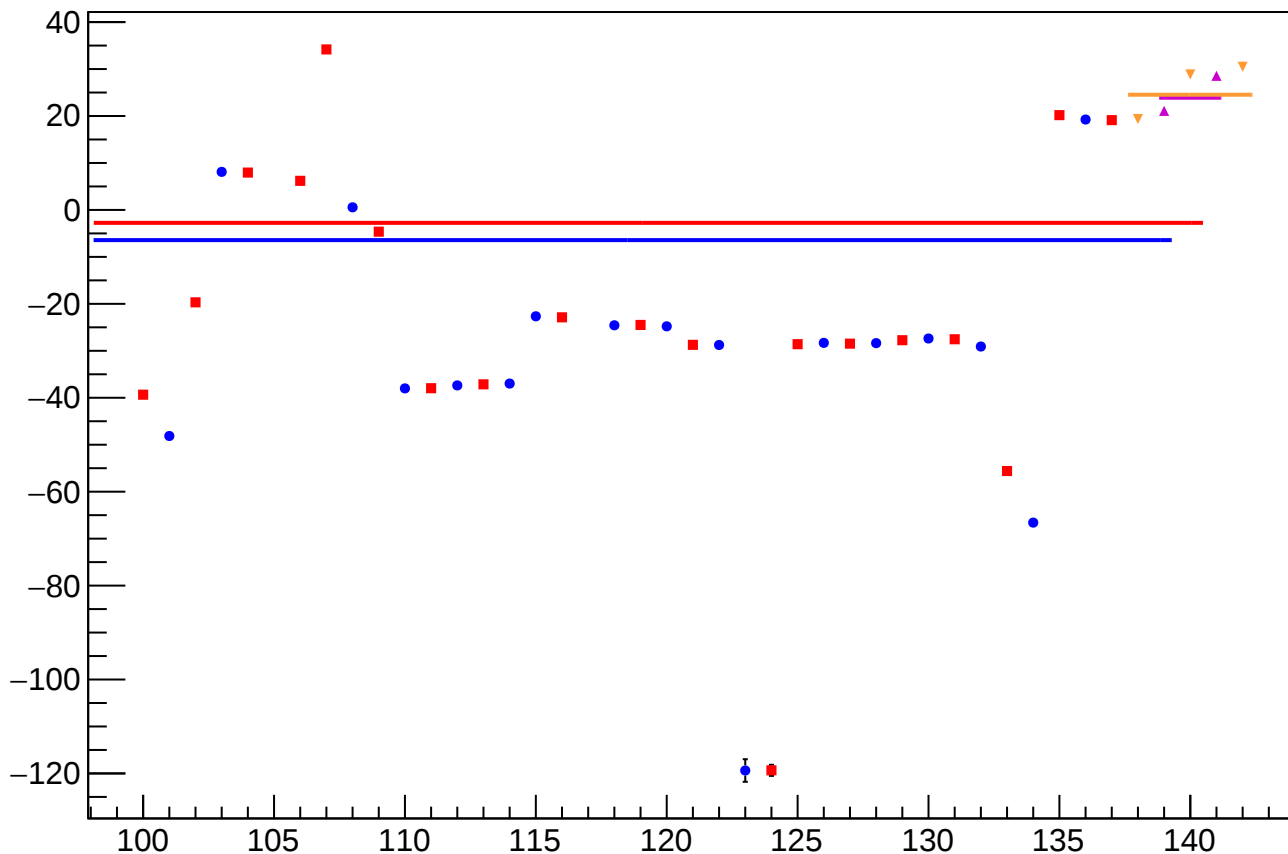
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 16.797 $\pm$ 0.797 χ^2 /NDF: 1250.0/18

Out: 12.004 $\pm$ 0.740 χ^2 /NDF: 1263.6/21

All: 14.224 $\pm$ 0.542 χ^2 /NDF: 2533.1/40

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 24.530+/-0.061 χ^2/NDF : 6818.8/2

Right Out: -2.752+/-0.046 χ^2/NDF : 266290.0/18

Left In: 23.891+/-0.062 χ^2/NDF : 3359.9/1

Left: 24.219+/-0.043 χ^2/NDF : 10232.7/4

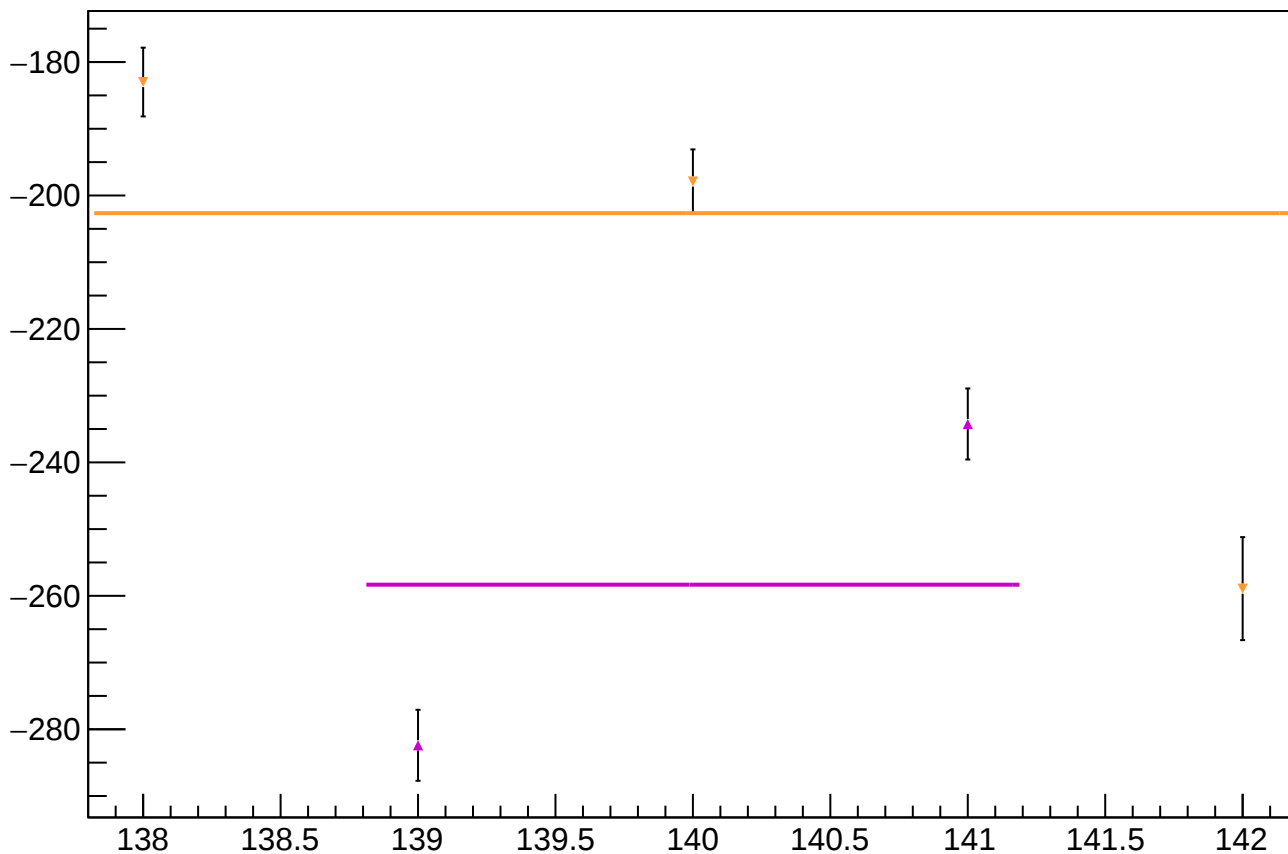
Right: -4.569+/-0.032 χ^2/NDF : 534660.8/35

In: 4.322+/-0.037 χ^2/NDF : 421139.0/18

Out: 7.114+/-0.036 χ^2/NDF : 402109.7/21

All: 5.742+/-0.026 χ^2/NDF : 826125.5/40

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: -202.650+/-3.201 χ^2/NDF : 68.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -258.330+/-3.763 χ^2/NDF : 40.9/1

Left: -226.024+/-2.438 χ^2/NDF : 236.6/4

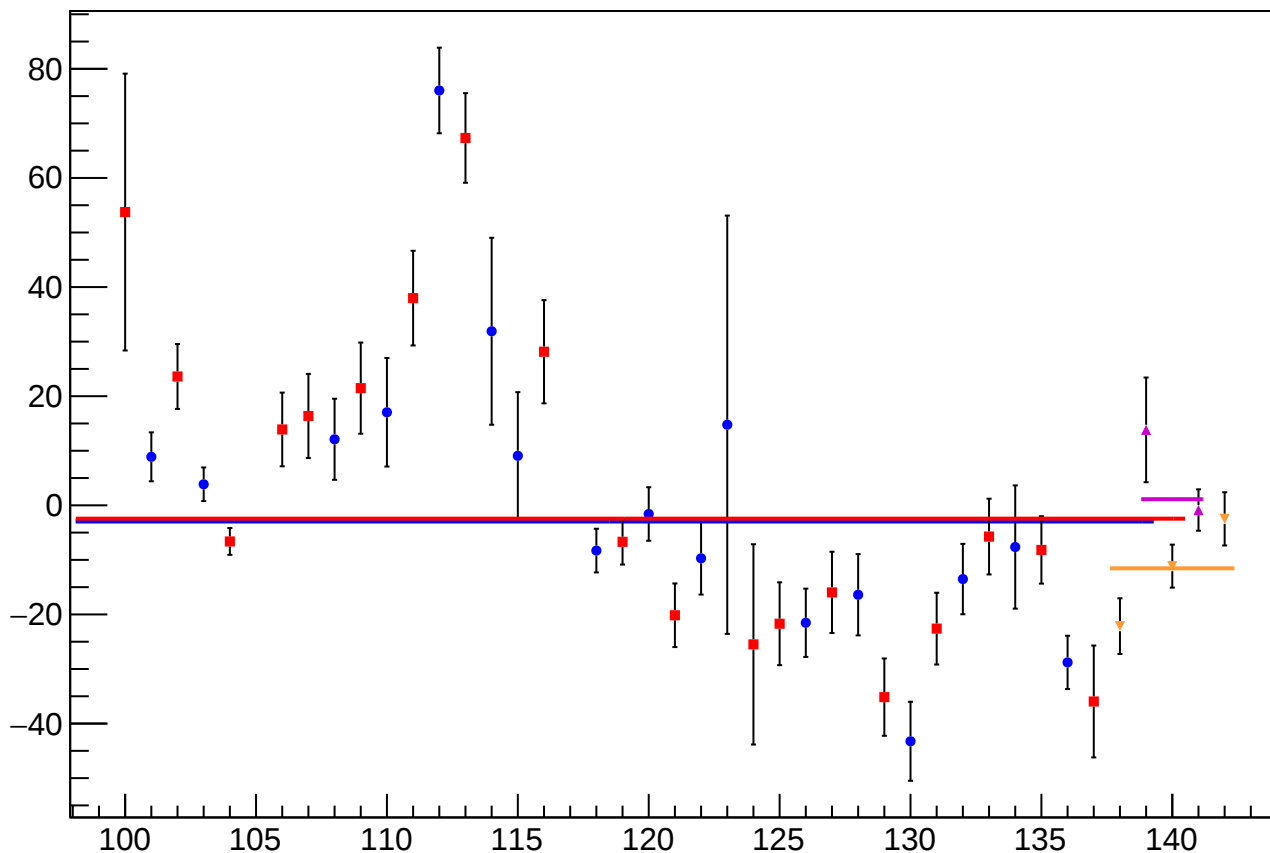
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -258.330+/-3.763 χ^2/NDF : 40.9/1

Out: -202.650+/-3.201 χ^2/NDF : 68.7/2

All: -226.024+/-2.438 χ^2/NDF : 236.6/4

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: -11.547 ± 2.628 χ^2/NDF : 7.8/2

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 1.119 ± 3.527 χ^2/NDF : 2.0/1

Left: -7.026 ± 2.107 χ^2/NDF : 18.1/4

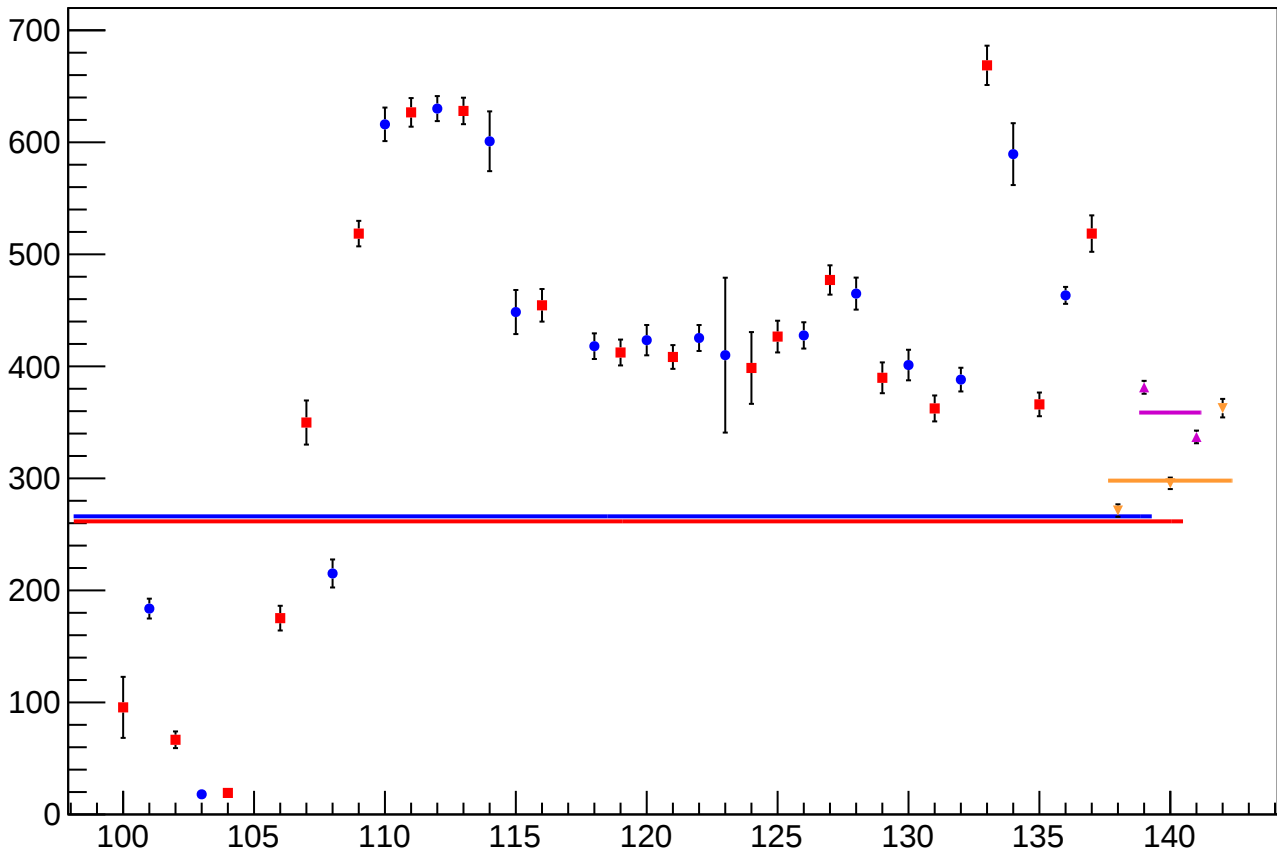
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: -2.372 ± 1.343 χ^2/NDF : 206.7/18

Out: -4.450 ± 1.233 χ^2/NDF : 232.5/21

All: -3.499 ± 0.908 χ^2/NDF : 440.5/40

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111+/-2.480 χ^2/NDF : 7644.0/16

Left Out: 297.997+/-3.435 χ^2/NDF :84.4/2

Right Out: 261.642+/-2.457 χ^2/NDF : 8209.5/18

Left In: 358.761+/-4.037 χ^2/NDF :30.1/1

Left: 323.514+/-2.616 χ^2/NDF : 245.9/4

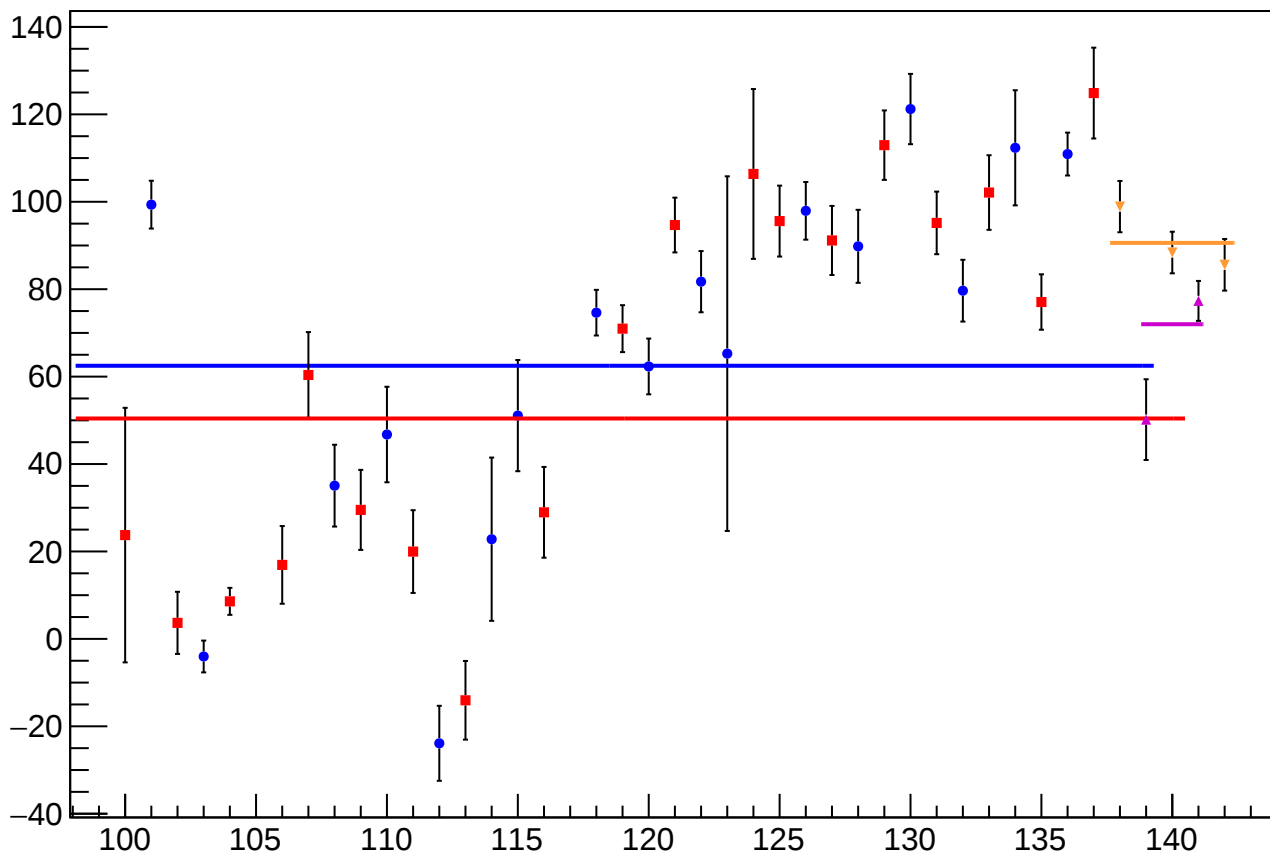
Right: 263.855+/-1.745 χ^2/NDF : 15855.1/35

In: 291.499+/-2.113 χ^2/NDF :8056.5/18

Out: 273.944+/-1.998 χ^2/NDF :8368.0/21

All: 282.231+/-1.452 χ^2/NDF : 16460.9/40

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 90.596 $\pm$ 3.133 χ^2 /NDF: 2.9/2

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 71.989 $\pm$ 4.094 χ^2 /NDF: 7.0/1

Left: 83.723 $\pm$ 2.488 χ^2 /NDF: 22.9/4

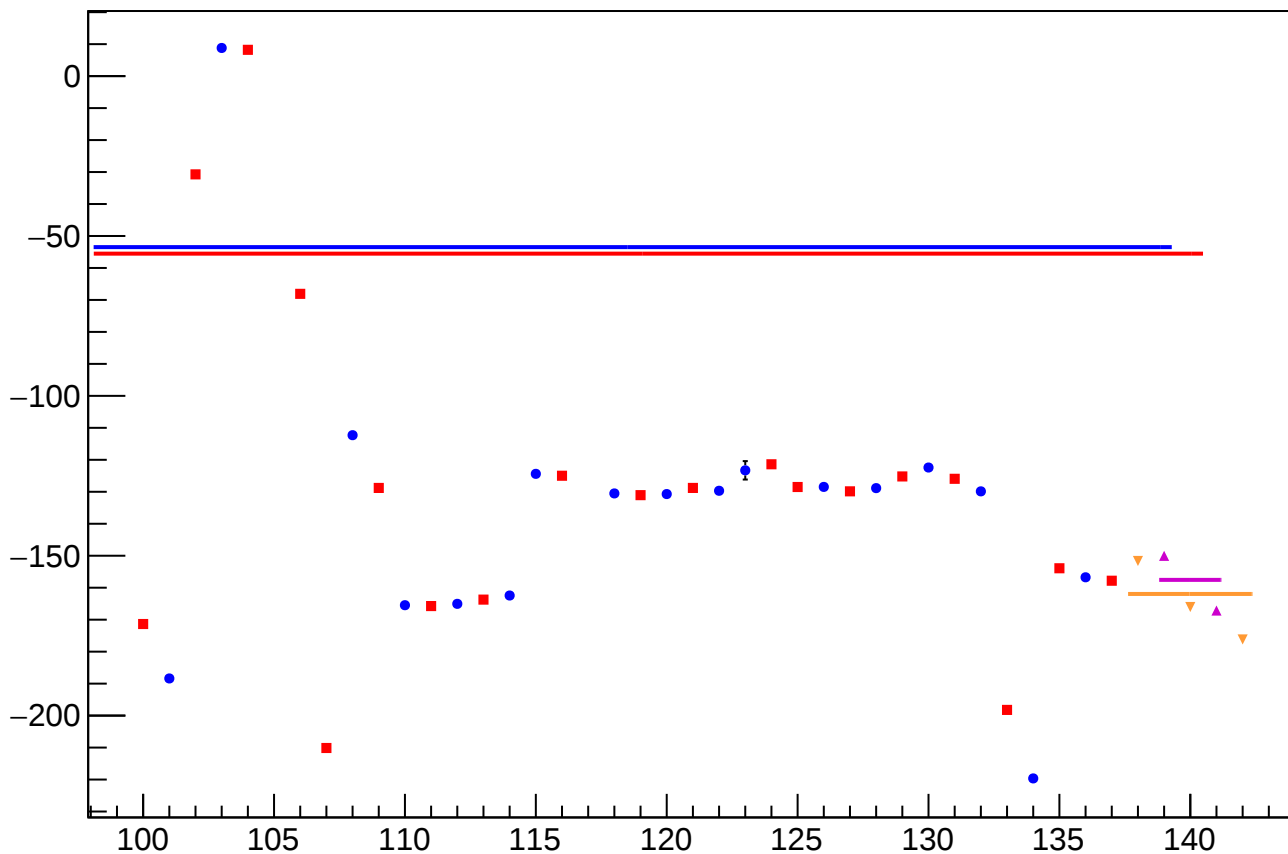
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 63.856 $\pm$ 1.555 χ^2 /NDF: 732.3/18

Out: 59.076 $\pm$ 1.454 χ^2 /NDF: 783.4/21

All: 61.306 $\pm$ 1.062 χ^2 /NDF: 1520.8/40

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -161.955+/-0.142 χ^2/NDF : 4332.6/2

Right Out: -55.523+/-0.072 χ^2/NDF : 969818.3/18

Left In: -157.552+/-0.152 χ^2/NDF : 3118.2/1

Left: -159.898+/-0.104 χ^2/NDF : 7897.5/4

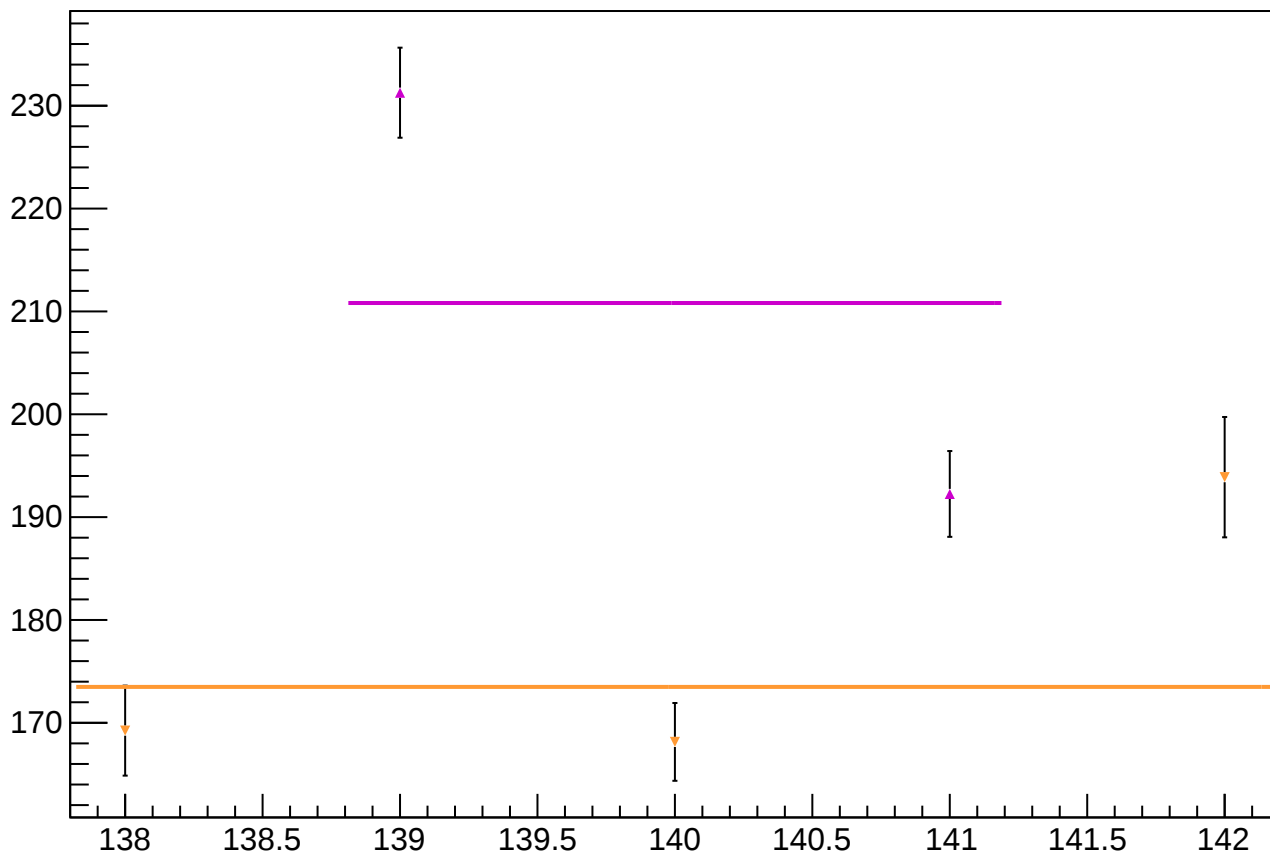
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -71.808+/-0.064 χ^2/NDF : 1617677.0/18

Out: -77.142+/-0.064 χ^2/NDF : 1419338.2/21

All: -74.460+/-0.045 χ^2/NDF : 3040488.9/40

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: 173.492+/-2.571 χ^2/NDF :15.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 210.818+/-3.020 χ^2/NDF :41.6/1

Left: 189.173+/-1.958 χ^2/NDF : 145.3/4

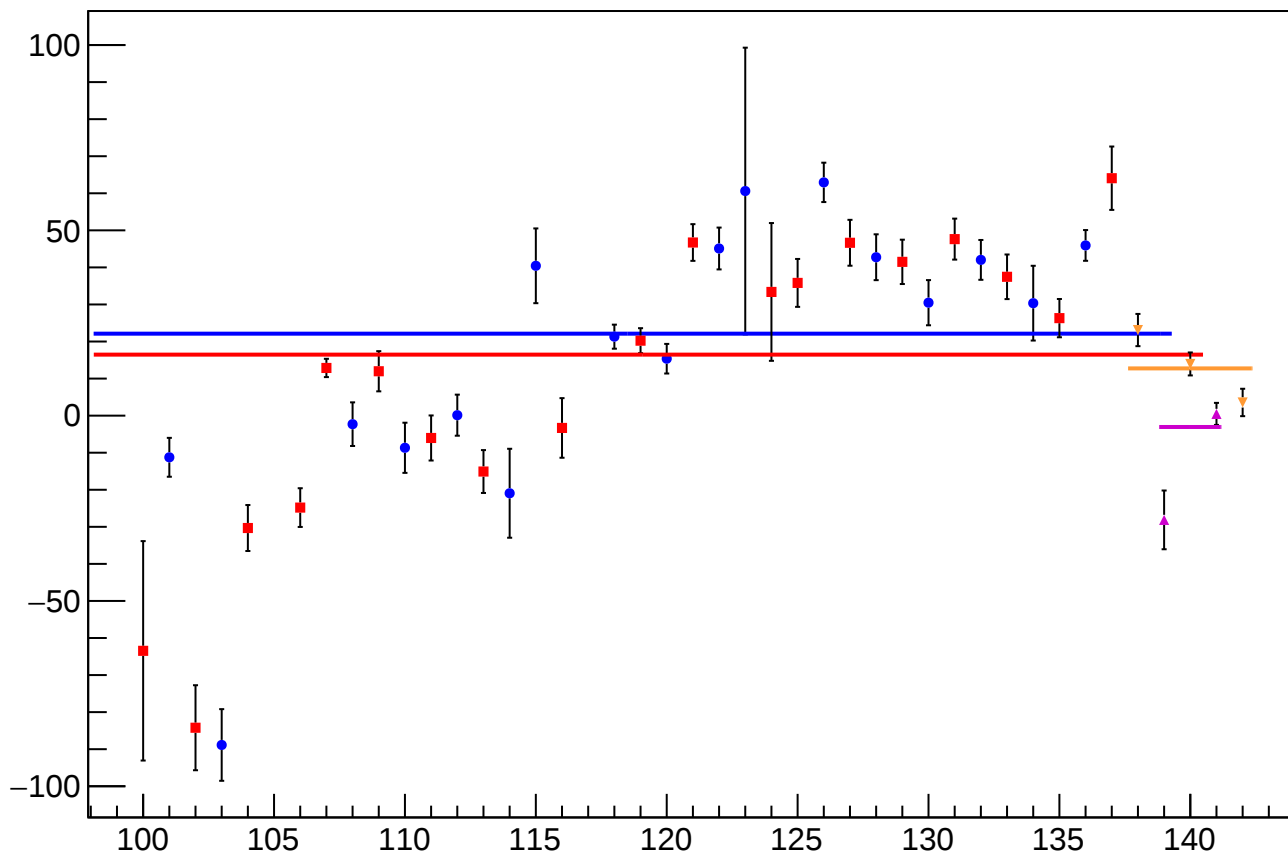
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 210.818+/-3.020 χ^2/NDF :41.6/1

Out: 173.492+/-2.571 χ^2/NDF :15.1/2

All: 189.173+/-1.958 χ^2/NDF : 145.3/4

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 12.746 $\pm$ 2.084 χ^2 /NDF:12.0/2

Right Out: 16.464 $\pm$ 1.228 χ^2 /NDF: 424.1/18

Left In: -3.061 $\pm$ 2.785 χ^2 /NDF:11.4/1

Left: 7.072 $\pm$ 1.669 χ^2 /NDF: 44.1/4

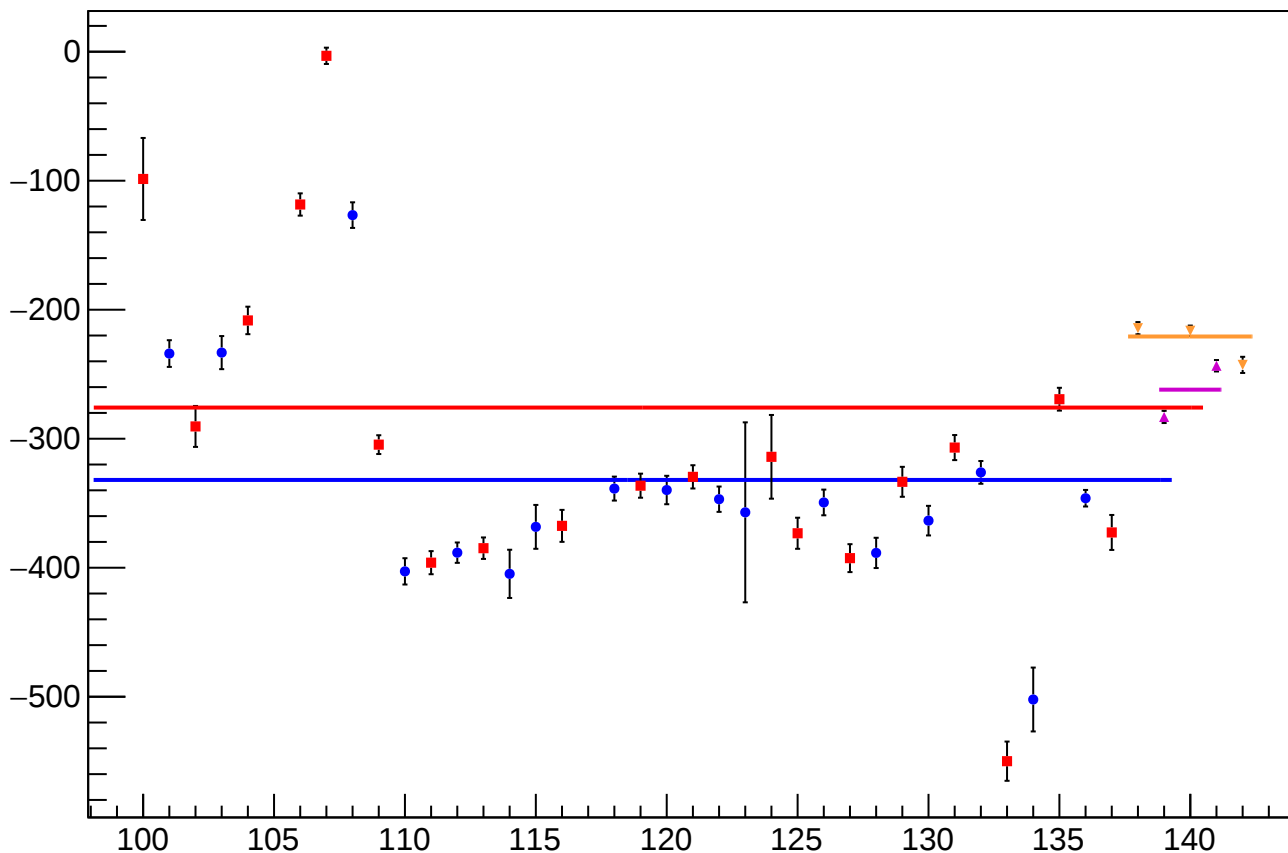
Right: 18.970 $\pm$ 0.916 χ^2 /NDF: 815.5/35

In: 17.176 $\pm$ 1.234 χ^2 /NDF:459.1/18

Out: 15.506 $\pm$ 1.058 χ^2 /NDF:438.5/21

All: 16.214 $\pm$ 0.803 χ^2 /NDF: 898.6/40

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: -220.766 ± 2.757 χ^2/NDF : 15.4/2

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -261.969 ± 3.237 χ^2/NDF : 37.4/1

Left: -238.086 ± 2.099 χ^2/NDF : 146.7/4

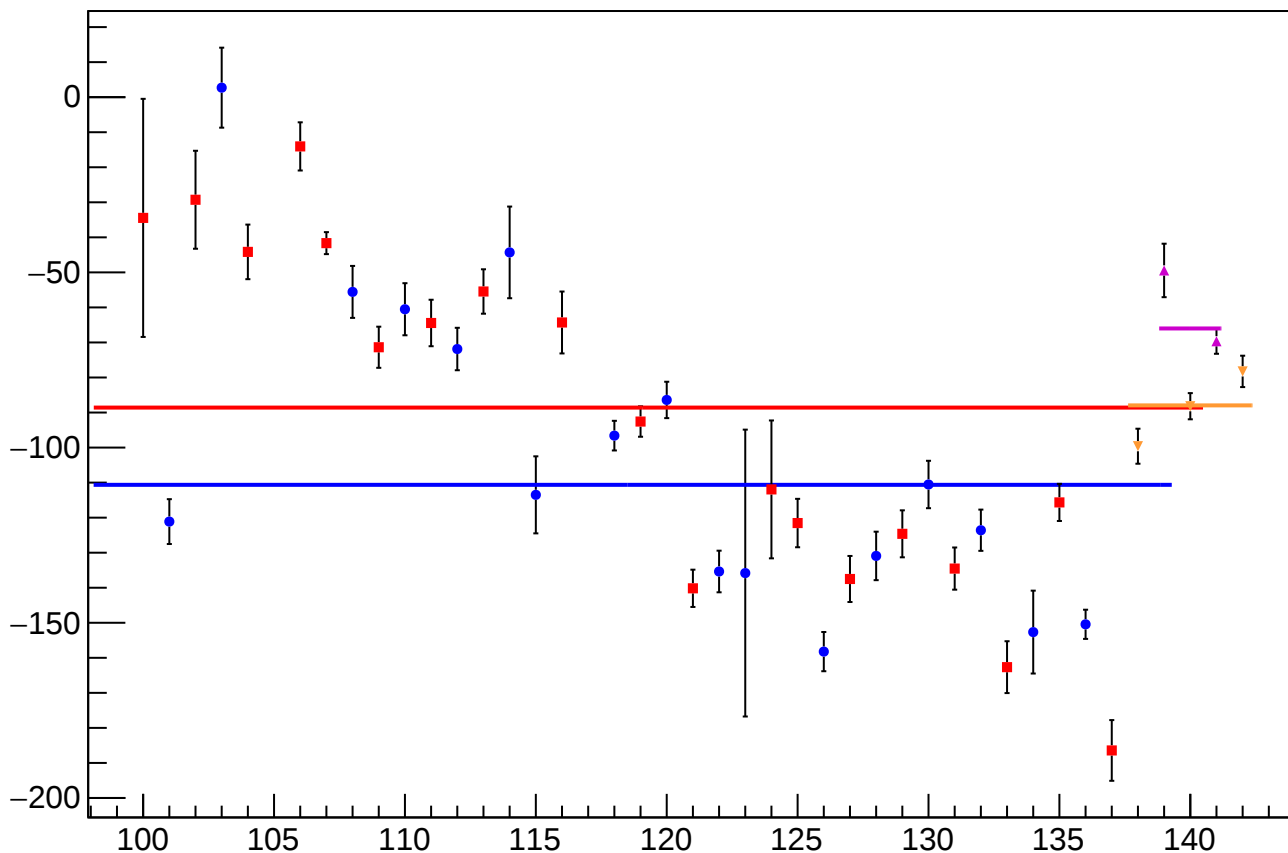
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -304.933 ± 2.012 χ^2/NDF : 1109.9/18

Out: -252.978 ± 1.777 χ^2/NDF : 3610.5/21

All: -275.745 ± 1.332 χ^2/NDF : 5095.2/40

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2/NDF : 508.9/16

Left Out: -87.960+/-2.488 χ^2/NDF : 10.1/2

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -66.007+/-3.241 χ^2/NDF : 5.7/1

Left: -79.820+/-1.974 χ^2/NDF : 44.7/4

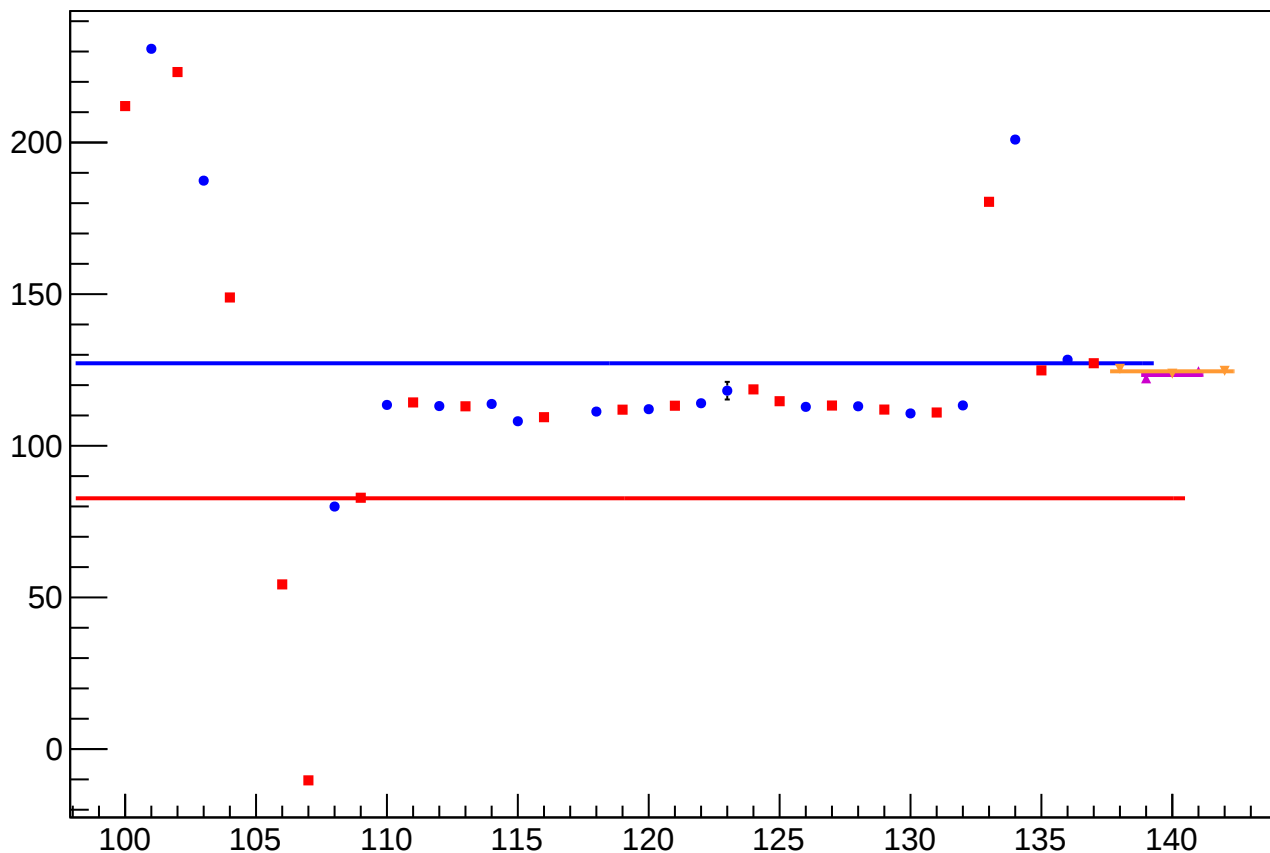
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -102.055+/-1.421 χ^2/NDF : 667.7/18

Out: -88.430+/-1.242 χ^2/NDF : 976.7/21

All: -94.330+/-0.935 χ^2/NDF : 1696.5/40

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: 124.561 $\pm$ 0.114 χ^2 /NDF: 39.3/2

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 123.345 $\pm$ 0.123 χ^2 /NDF: 90.8/1

Left: 123.995 $\pm$ 0.084 χ^2 /NDF: 182.7/4

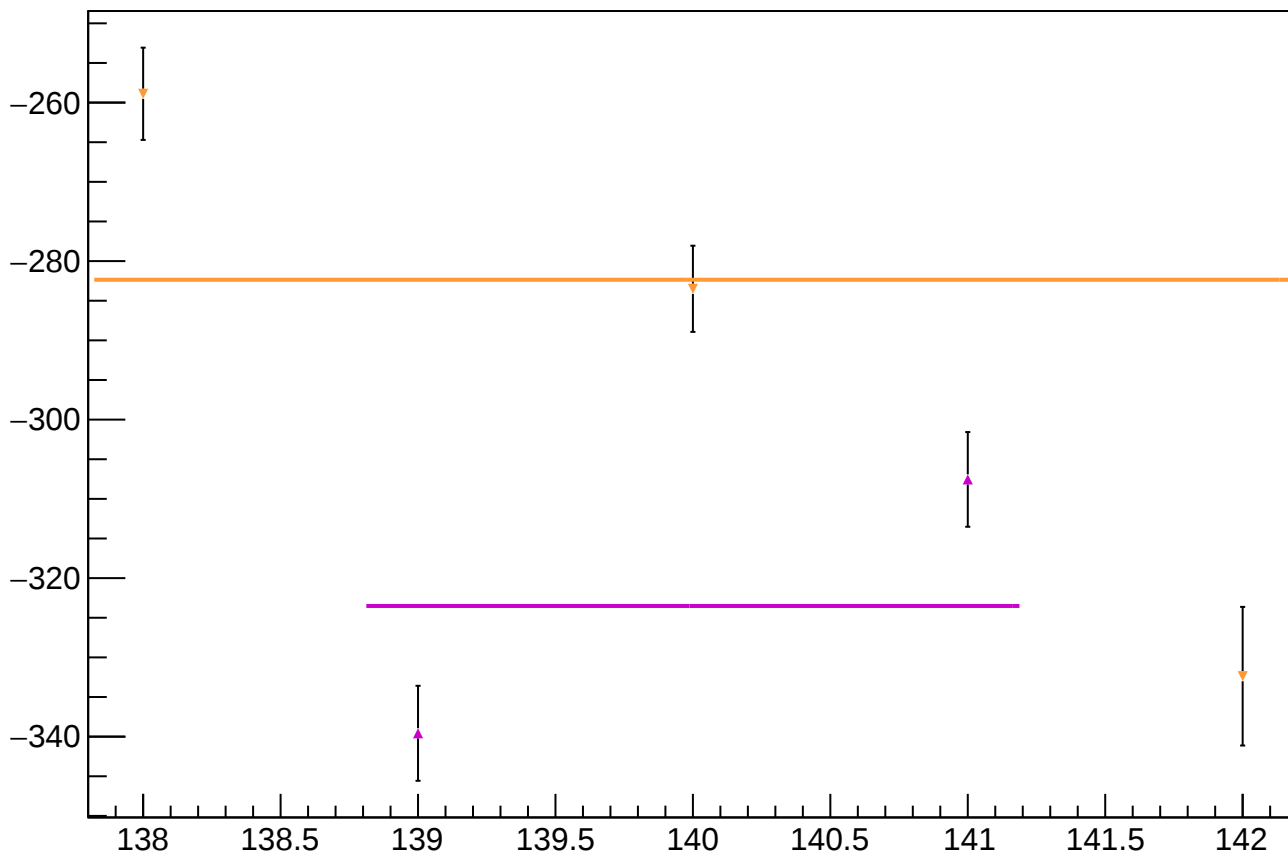
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 125.870 $\pm$ 0.072 χ^2 /NDF: 188765.4/18

Out: 95.339 $\pm$ 0.063 χ^2 /NDF: 859198.8/21

All: 108.533 $\pm$ 0.047 χ^2 /NDF: 1149804.3/40

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: -282.351+/-3.617 χ^2/NDF :49.0/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -323.512+/-4.231 χ^2/NDF :14.3/1

Left: -299.730+/-2.749 χ^2/NDF : 118.0/4

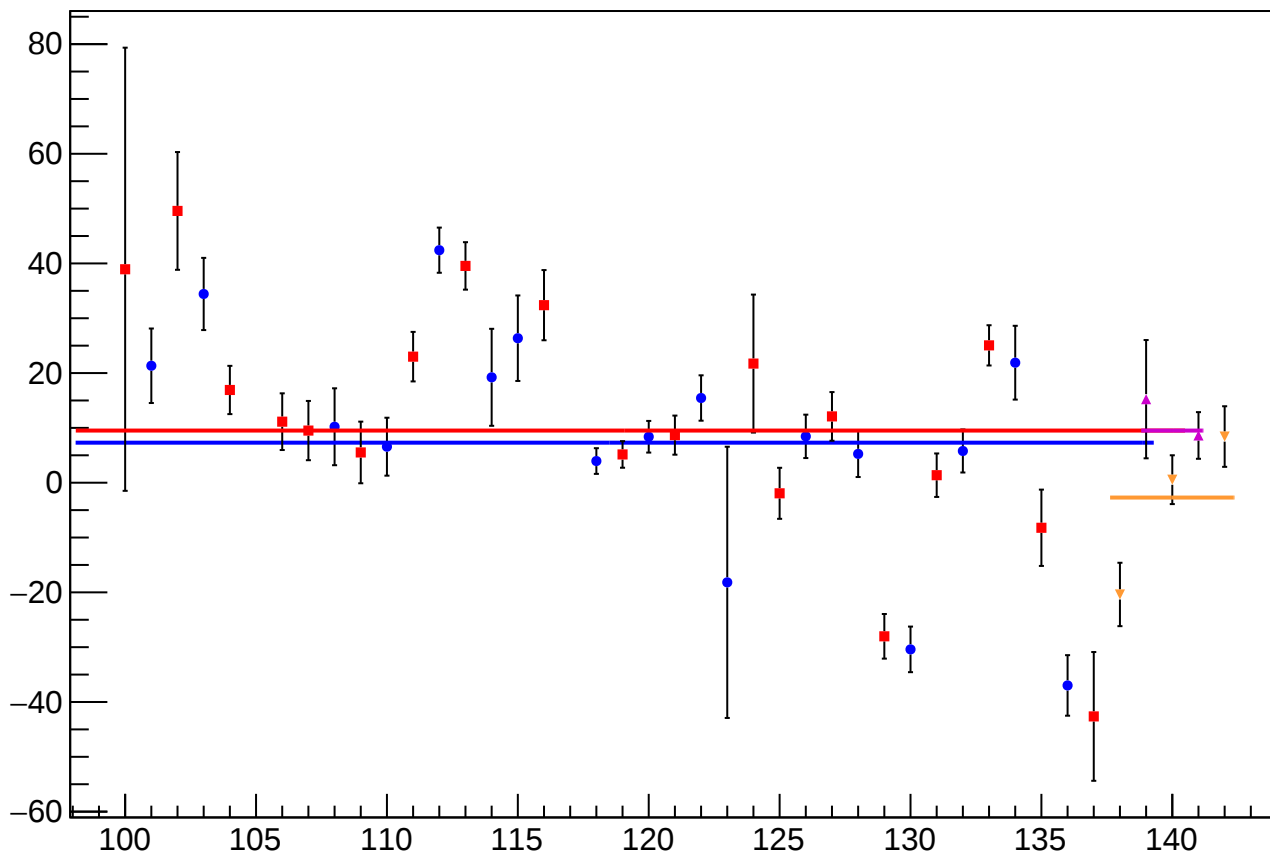
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -323.512+/-4.231 χ^2/NDF :14.3/1

Out: -282.351+/-3.617 χ^2/NDF :49.0/2

All: -299.730+/-2.749 χ^2/NDF : 118.0/4

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303+/-1.086 χ^2/NDF : 260.6/16

Left Out: -2.708+/-2.974 χ^2/NDF :13.9/2

Right Out: 9.513+/-1.073 χ^2/NDF : 231.7/18

Left In: 9.510+/-3.959 χ^2/NDF :0.3/1

Left: 1.698+/-2.378 χ^2/NDF : 20.4/4

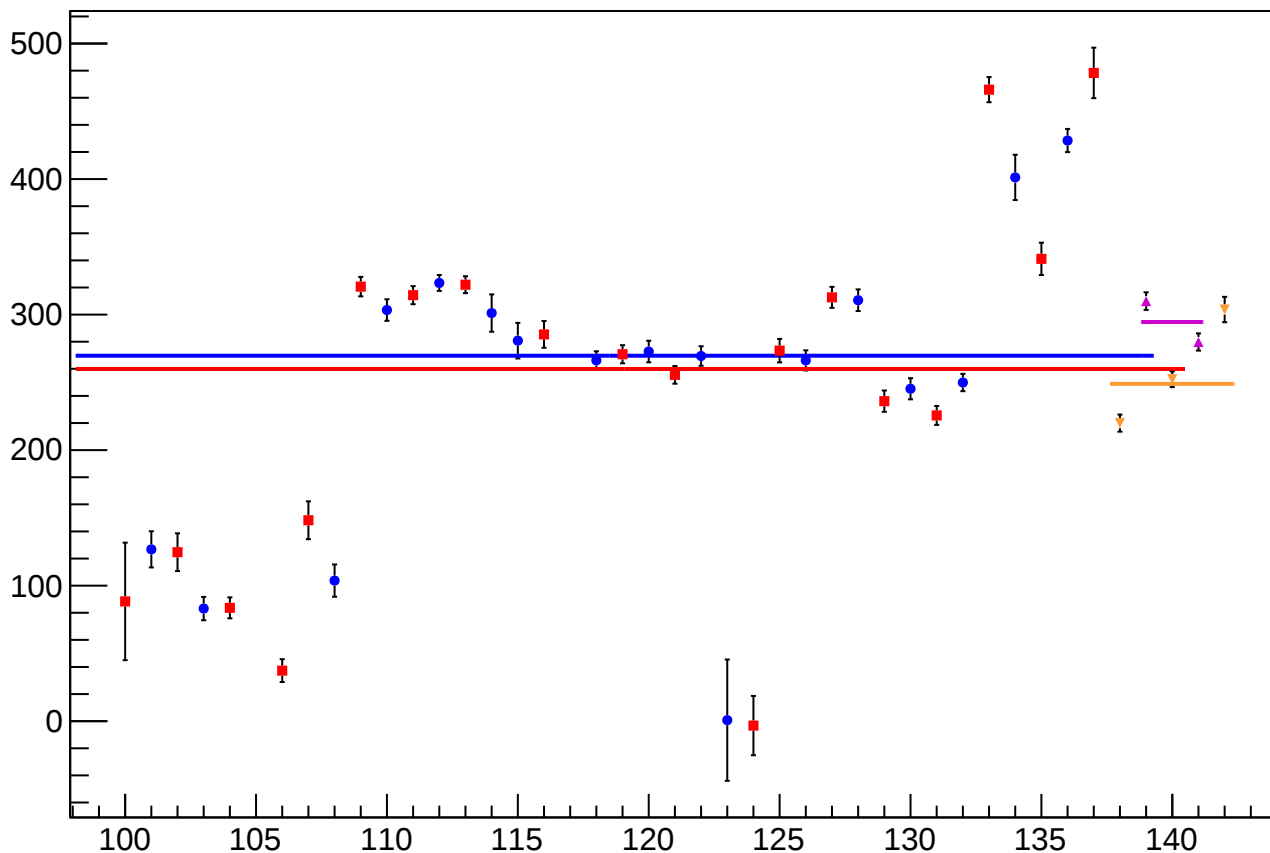
Right: 8.421+/-0.763 χ^2/NDF : 494.4/35

In: 7.457+/-1.047 χ^2/NDF :261.3/18

Out: 8.106+/-1.009 χ^2/NDF :260.5/21

All: 7.793+/-0.726 χ^2/NDF : 522.0/40

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: 248.886 $\pm$ 3.881 χ^2 /NDF:55.7/2

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 294.540 $\pm$ 4.539 χ^2 /NDF:11.0/1

Left: 268.165 $\pm$ 2.950 χ^2 /NDF: 125.2/4

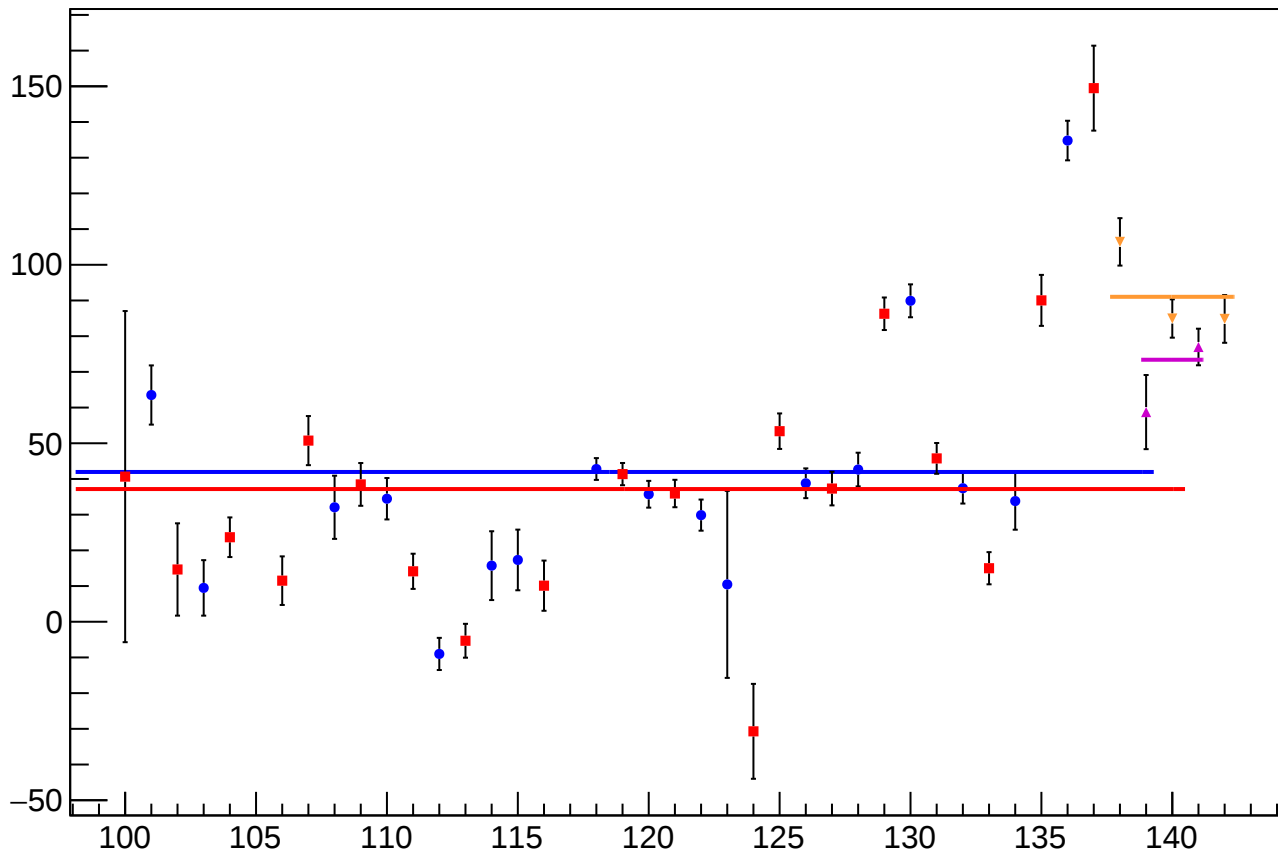
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 273.967 $\pm$ 1.888 χ^2 /NDF:1412.5/18

Out: 257.607 $\pm$ 1.761 χ^2 /NDF:2605.8/21

All: 265.220 $\pm$ 1.288 χ^2 /NDF: 4058.4/40

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 ± 1.258 $\chi^2/\text{NDF}: 574.2/16$

Left Out: 91.029 ± 3.545 $\chi^2/\text{NDF}: 7.5/2$

Right Out: 37.174 ± 1.236 $\chi^2/\text{NDF}: 470.9/18$

Left In: 73.398 ± 4.596 $\chi^2/\text{NDF}: 2.5/1$

Left: 84.453 ± 2.807 $\chi^2/\text{NDF}: 19.2/4$

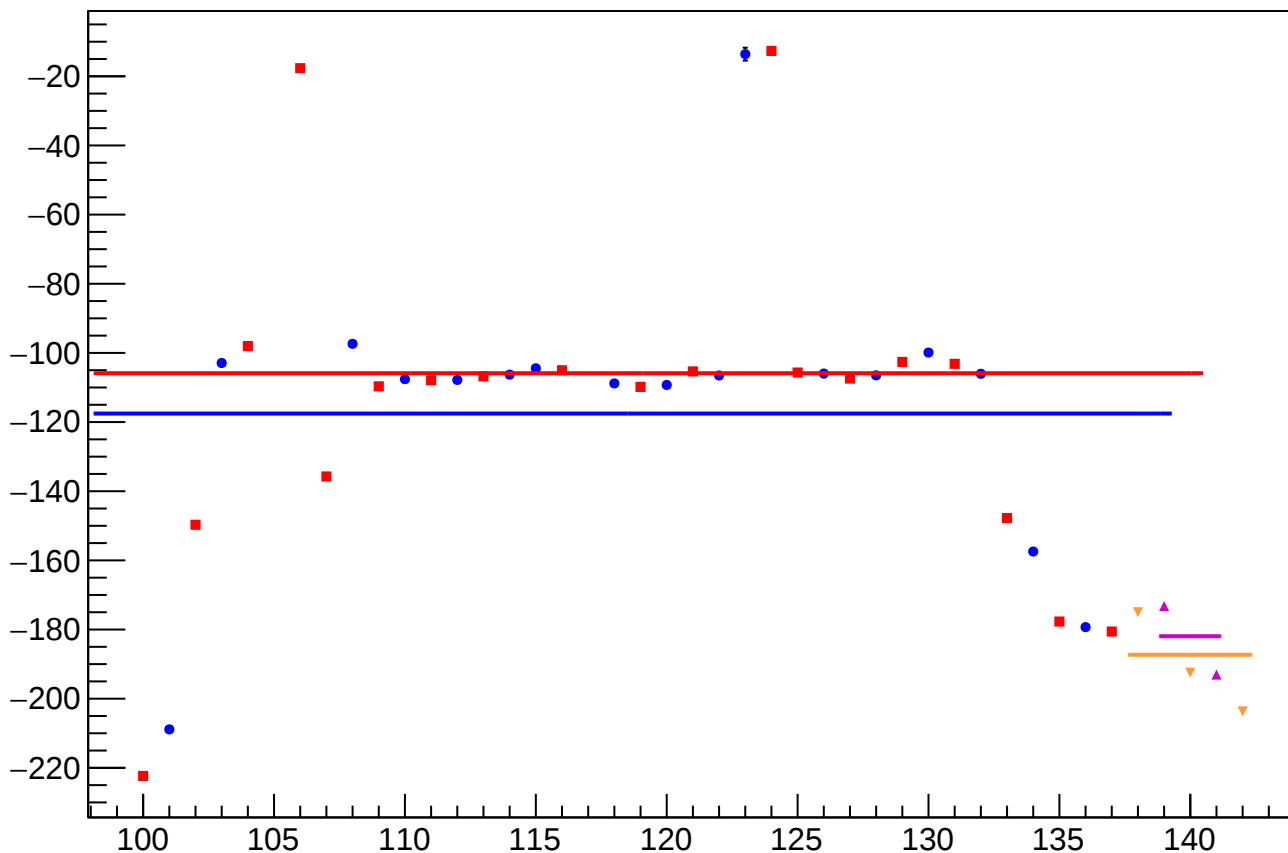
Right: 39.523 ± 0.882 $\chi^2/\text{NDF}: 1052.5/35$

In: 44.151 ± 1.214 $\chi^2/\text{NDF}: 620.3/18$

Out: 43.009 ± 1.167 $\chi^2/\text{NDF}: 684.2/21$

All: 43.558 ± 0.841 $\chi^2/\text{NDF}: 1304.9/40$

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: -187.298+/-0.161 χ^2/NDF : 4725.0/2

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -181.935+/-0.171 χ^2/NDF : 3314.6/1

Left: -184.776+/-0.117 χ^2/NDF : 8562.0/4

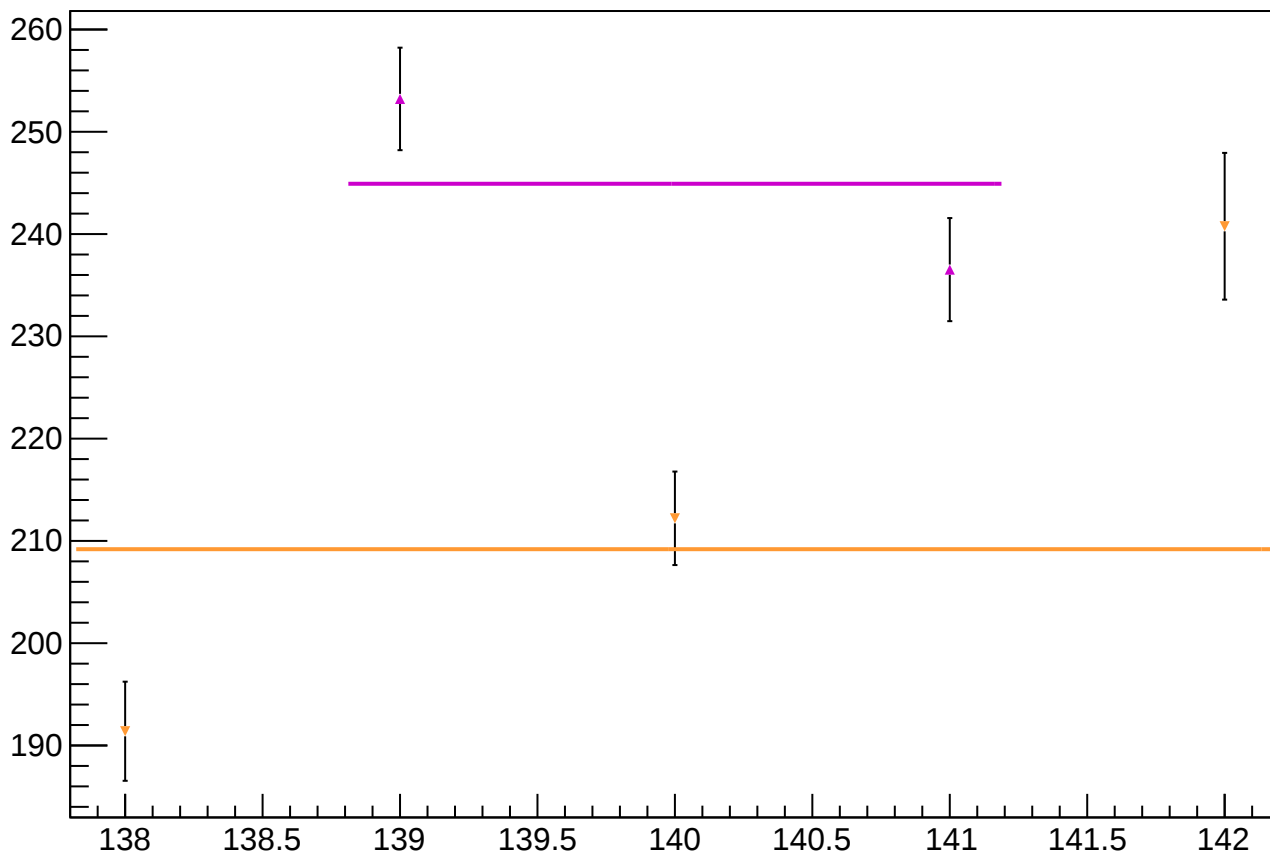
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -128.677+/-0.071 χ^2/NDF : 262938.2/18

Out: -119.692+/-0.066 χ^2/NDF : 541600.4/21

All: -123.875+/-0.048 χ^2/NDF : 813085.7/40

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: 209.191+/-3.016 χ^2/NDF :33.3/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 244.918+/-3.553 χ^2/NDF :5.5/1

Left: 224.153+/-2.300 χ^2/NDF : 97.6/4

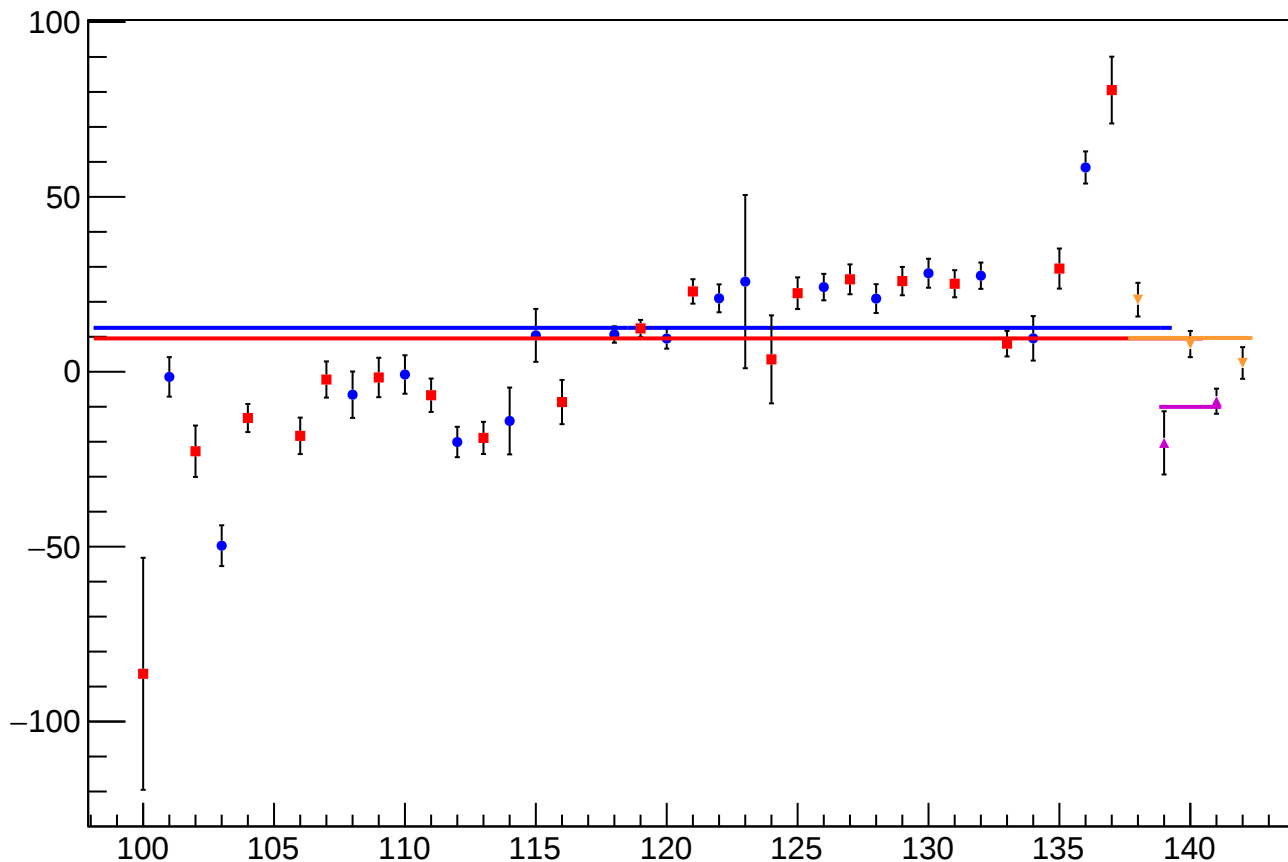
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.918+/-3.553 χ^2/NDF :5.5/1

Out: 209.191+/-3.016 χ^2/NDF :33.3/2

All: 224.153+/-2.300 χ^2/NDF : 97.6/4

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 ± 1.057 $\chi^2/\text{NDF}: 348.6/16$

Left Out: 9.670 ± 2.476 $\chi^2/\text{NDF}: 7.9/2$

Right Out: 9.535 ± 1.049 $\chi^2/\text{NDF}: 295.8/18$

Left In: -10.045 ± 3.338 $\chi^2/\text{NDF}: 1.5/1$

Left: 2.675 ± 1.989 $\chi^2/\text{NDF}: 31.9/4$

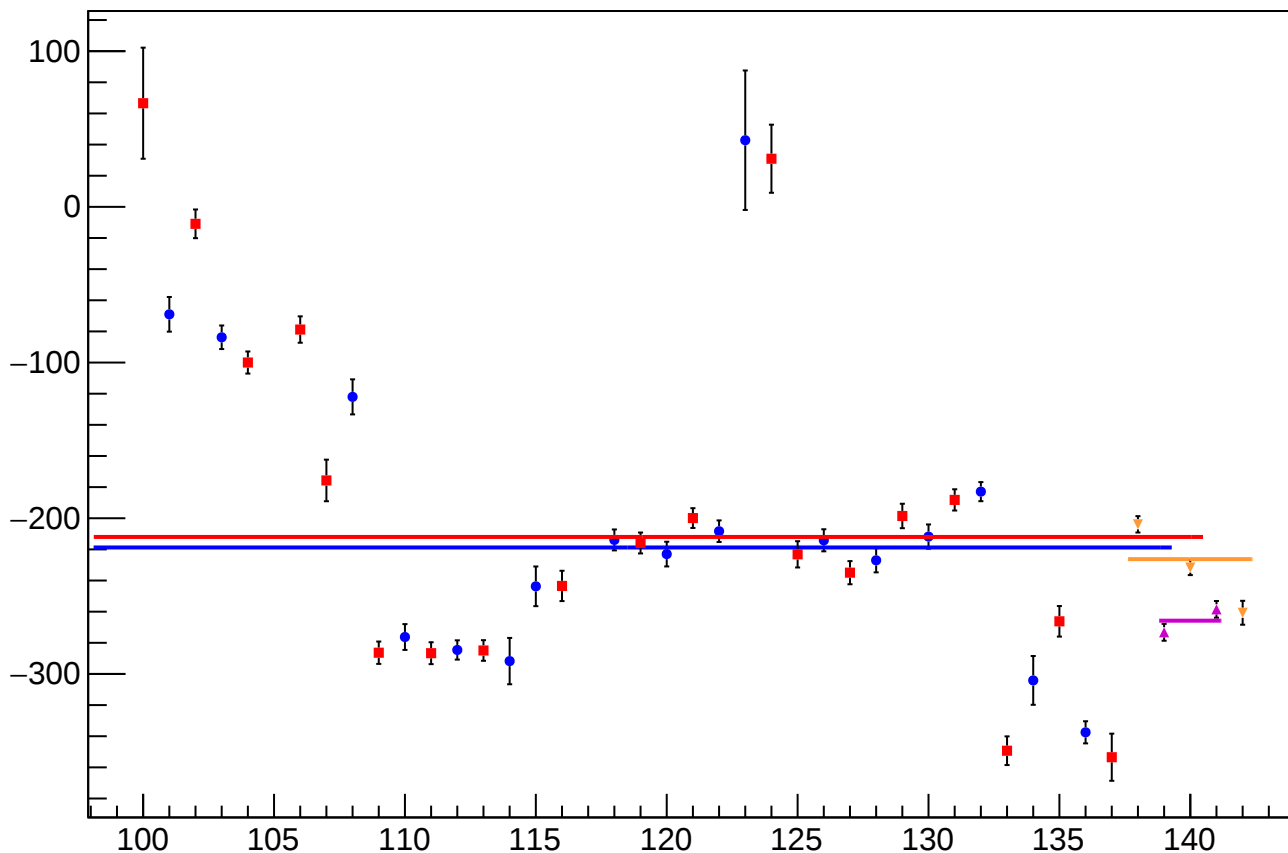
Right: 11.035 ± 0.745 $\chi^2/\text{NDF}: 648.5/35$

In: 10.498 ± 1.008 $\chi^2/\text{NDF}: 391.7/18$

Out: 9.556 ± 0.966 $\chi^2/\text{NDF}: 303.7/21$

All: 10.007 ± 0.697 $\chi^2/\text{NDF}: 695.9/40$

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: -226.275 ± 3.237 $\chi^2/\text{NDF}: 39.5/2$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -265.785 ± 3.812 $\chi^2/\text{NDF}: 3.7/1$

Left: -242.827 ± 2.467 $\chi^2/\text{NDF}: 105.6/4$

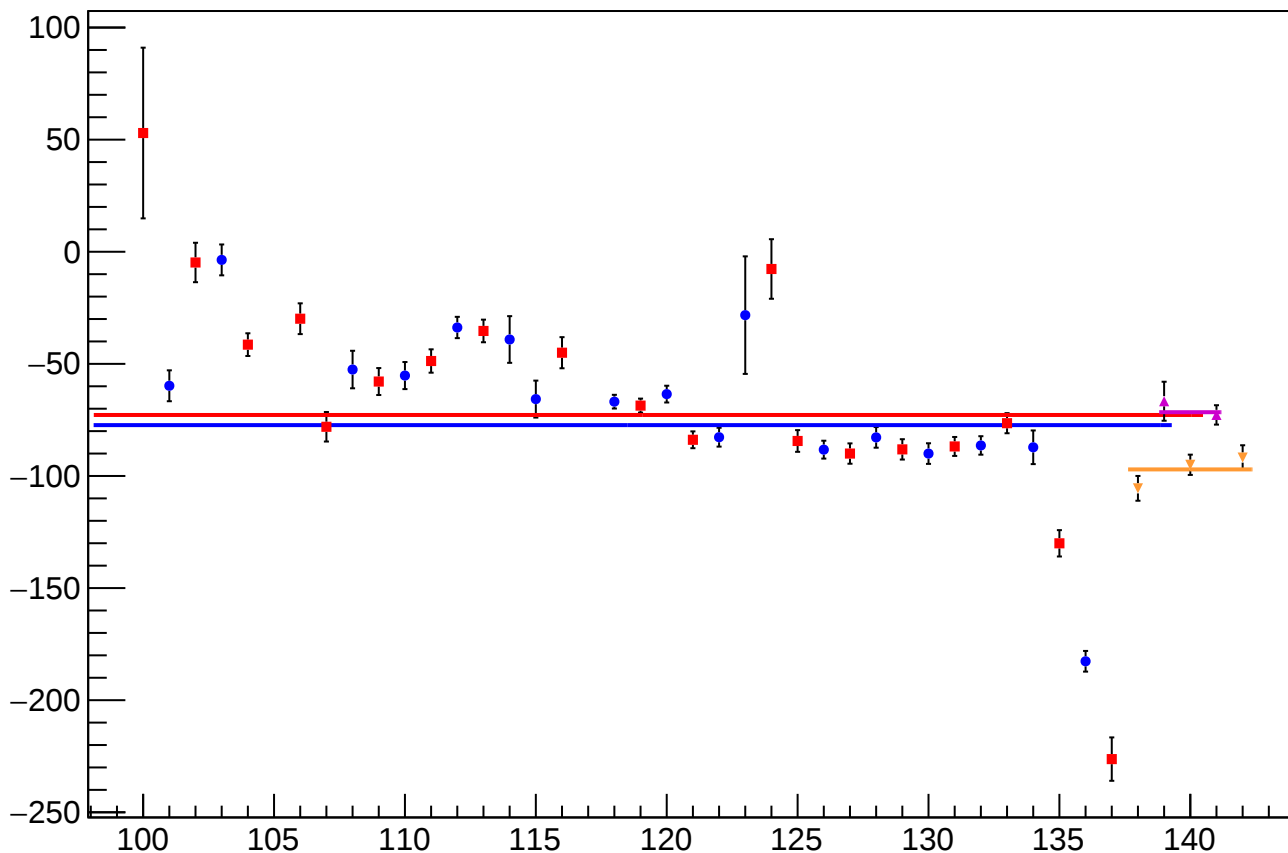
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -228.998 ± 1.778 $\chi^2/\text{NDF}: 1267.2/18$

Out: -215.728 ± 1.654 $\chi^2/\text{NDF}: 1939.5/21$

All: -221.882 ± 1.211 $\chi^2/\text{NDF}: 3236.5/40$

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: -97.076 ± 2.951 $\chi^2/\text{NDF}: 3.5/2$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -71.559 ± 3.872 $\chi^2/\text{NDF}: 0.4/1$

Left: -87.703 ± 2.347 $\chi^2/\text{NDF}: 31.3/4$

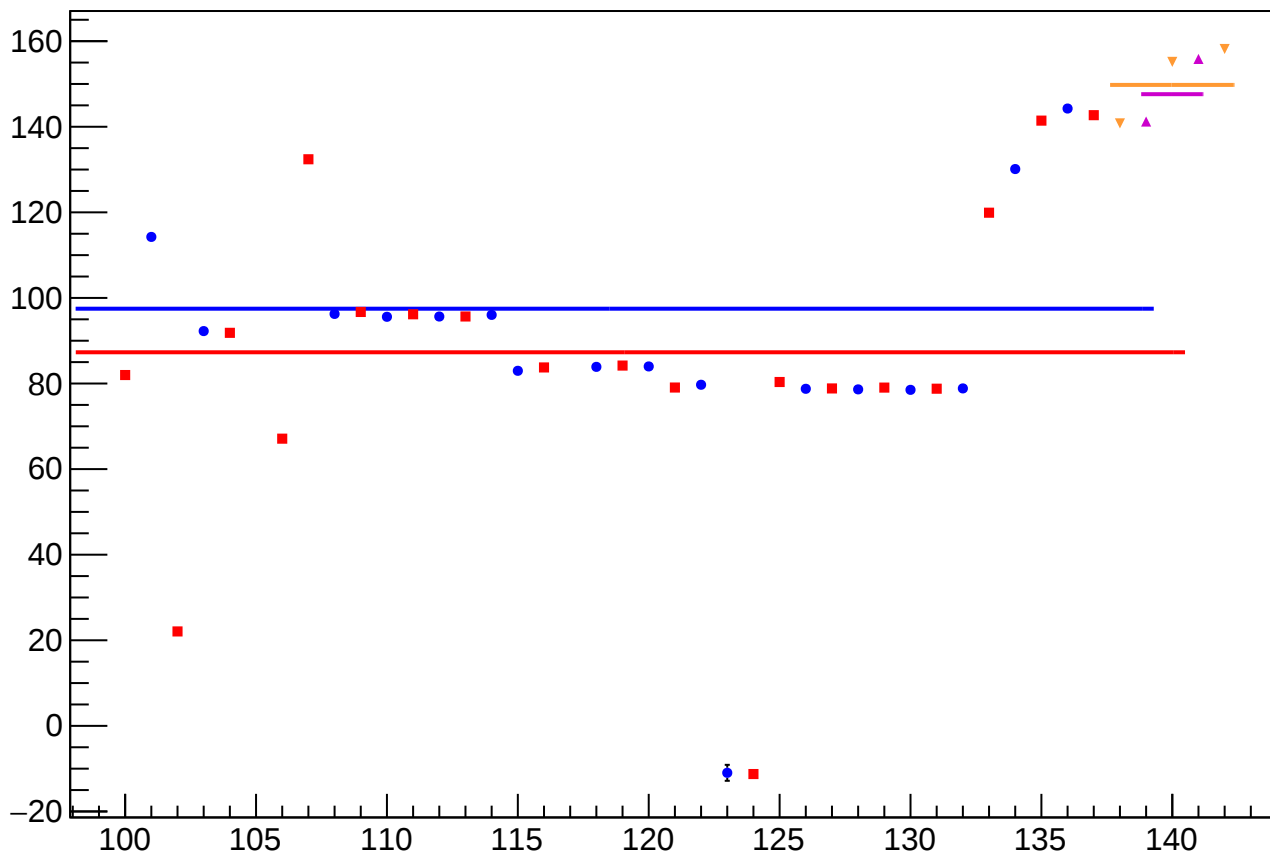
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -76.797 ± 1.165 $\chi^2/\text{NDF}: 820.1/18$

Out: -76.277 ± 1.117 $\chi^2/\text{NDF}: 733.2/21$

All: -76.526 ± 0.806 $\chi^2/\text{NDF}: 1553.4/40$

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: 149.779+/-0.134 χ^2/NDF : 3239.7/2

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 147.612+/-0.143 χ^2/NDF : 2559.6/1

Left: 148.768+/-0.098 χ^2/NDF : 5920.9/4

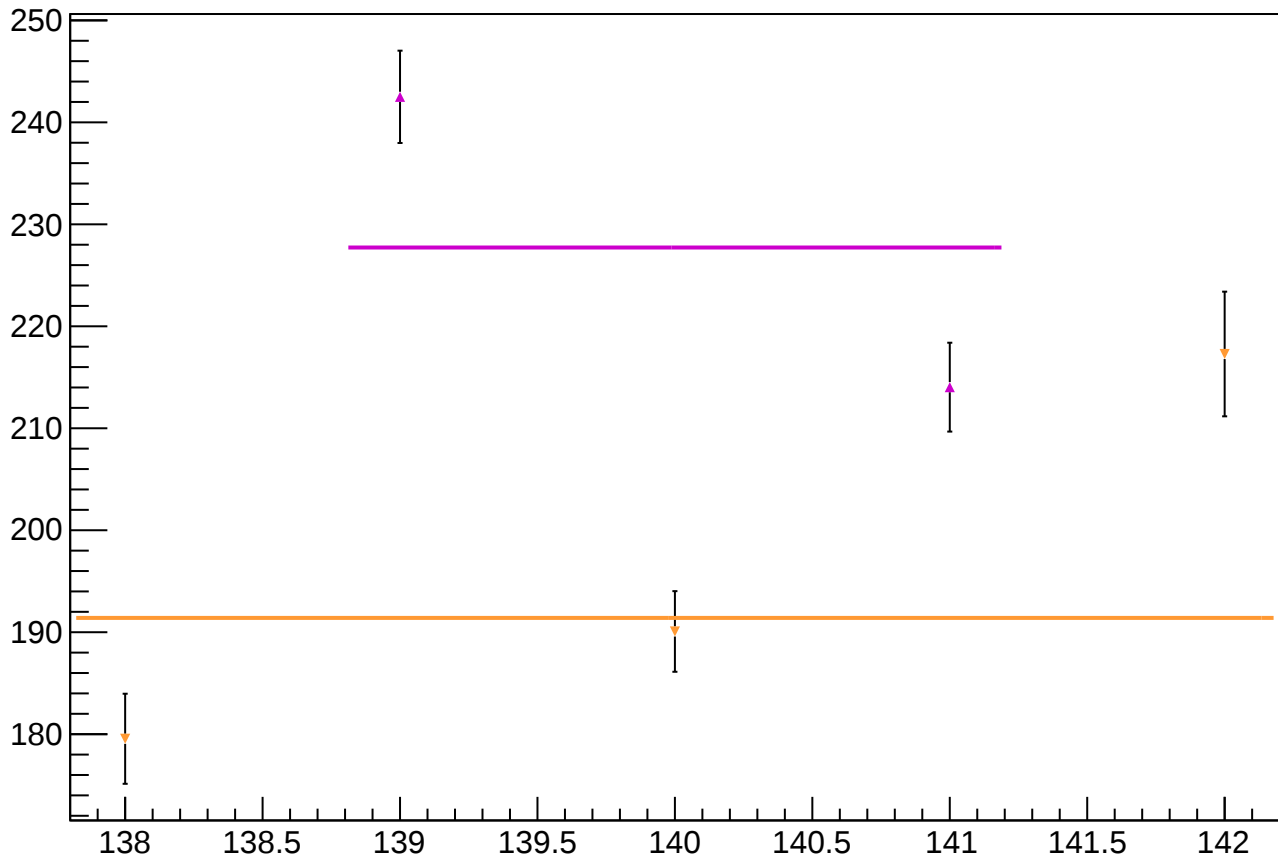
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 107.877+/-0.065 χ^2/NDF : 193751.3/18

Out: 100.142+/-0.061 χ^2/NDF : 397541.1/21

All: 103.733+/-0.045 χ^2/NDF : 598803.3/40

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: 191.404+/-2.654 χ^2/NDF :25.2/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 227.726+/-3.139 χ^2/NDF :20.5/1

Left: 206.542+/-2.027 χ^2/NDF : 123.9/4

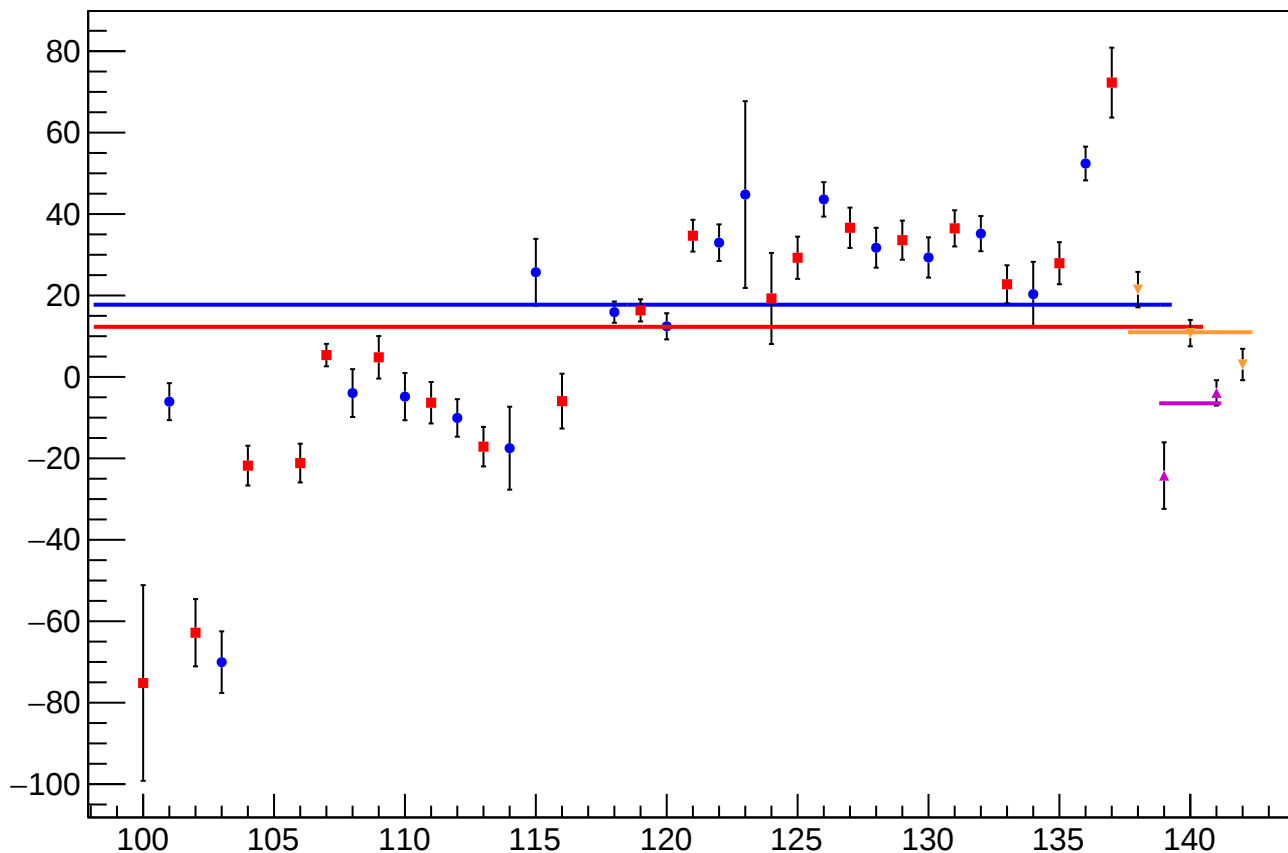
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 227.726+/-3.139 χ^2/NDF :20.5/1

Out: 191.404+/-2.654 χ^2/NDF :25.2/2

All: 206.542+/-2.027 χ^2/NDF : 123.9/4

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 10.972 $\pm$ 2.155 χ^2 /NDF:10.0/2

Right Out: 12.306 $\pm$ 1.084 χ^2 /NDF: 442.5/18

Left In: -6.475 $\pm$ 2.902 χ^2 /NDF:5.4/1

Left: 4.771 $\pm$ 1.730 χ^2 /NDF: 38.7/4

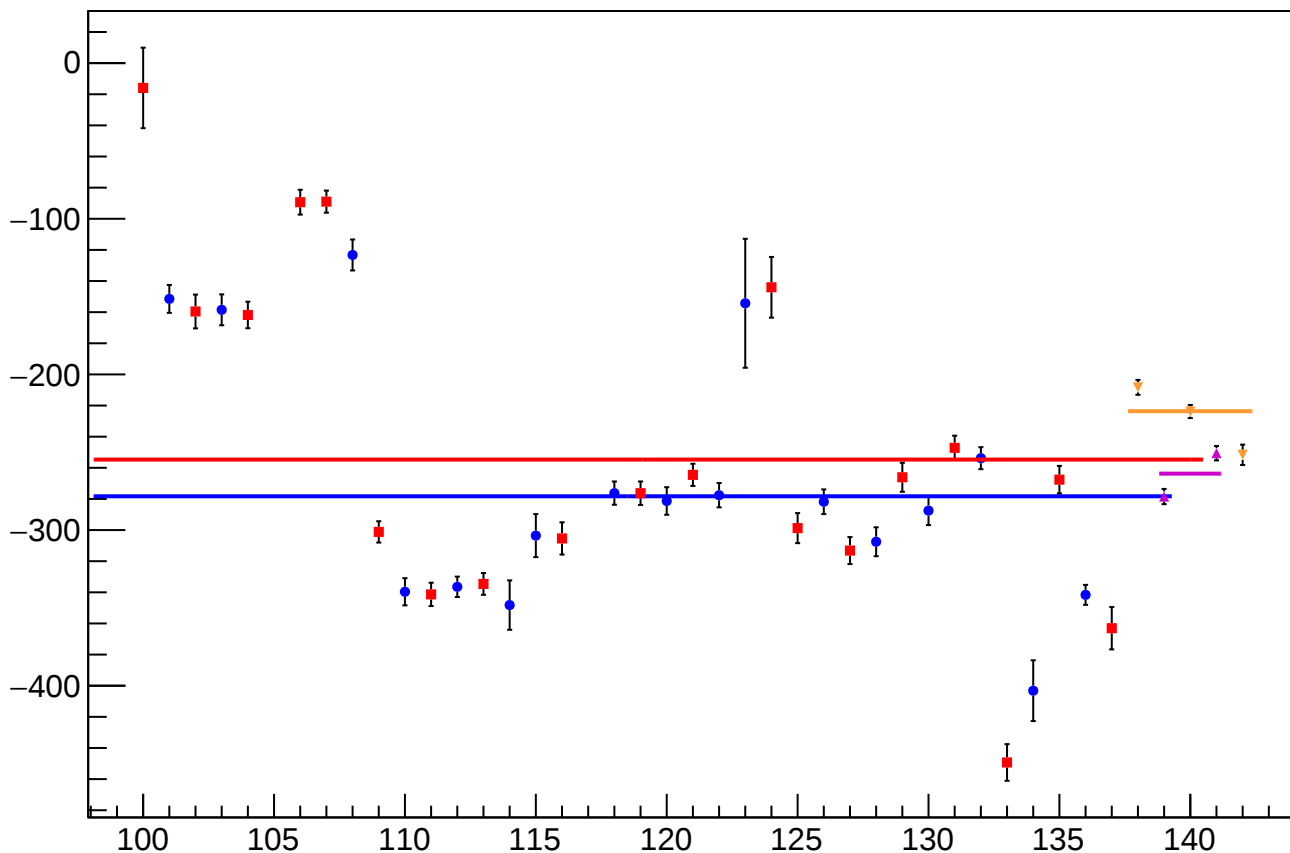
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 14.458 $\pm$ 1.068 χ^2 /NDF:459.6/18

Out: 12.036 $\pm$ 0.968 χ^2 /NDF:452.8/21

All: 13.129 $\pm$ 0.717 χ^2 /NDF: 915.1/40

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294+/-2.172 χ^2/NDF : 910.0/16

Left Out: -223.611+/-2.847 χ^2/NDF : 28.6/2

Right Out: -254.713+/-2.019 χ^2/NDF : 2038.0/18

Left In: -263.751+/-3.366 χ^2/NDF : 17.1/1

Left: -240.348+/-2.174 χ^2/NDF : 128.6/4

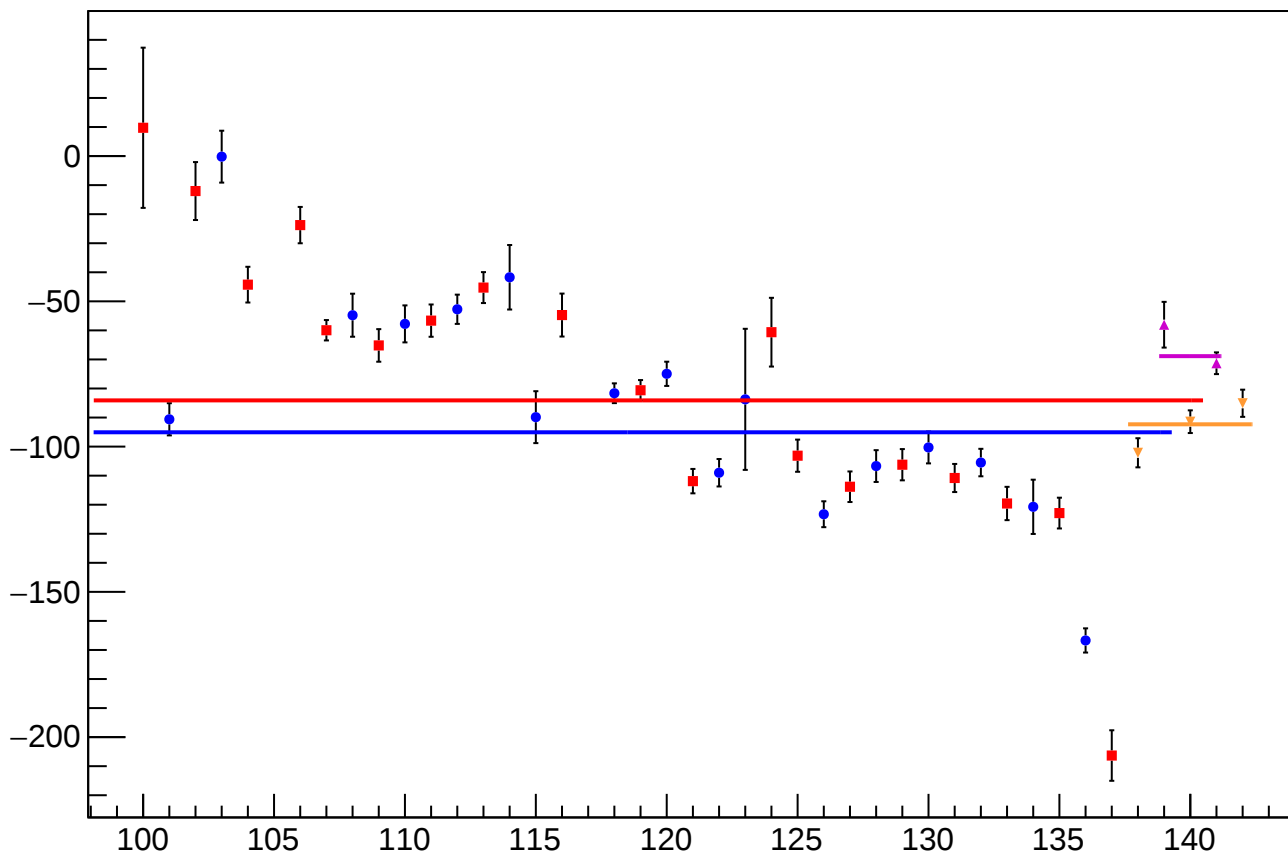
Right: -265.641+/-1.479 χ^2/NDF : 3011.2/35

In: -274.018+/-1.825 χ^2/NDF : 940.2/18

Out: -244.305+/-1.647 χ^2/NDF : 2146.0/21

All: -257.638+/-1.223 χ^2/NDF : 3232.4/40

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: -92.328 ± 2.573 $\chi^2/\text{NDF}: 6.3/2$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -68.869 ± 3.377 $\chi^2/\text{NDF}: 2.3/1$

Left: -83.709 ± 2.047 $\chi^2/\text{NDF}: 39.1/4$

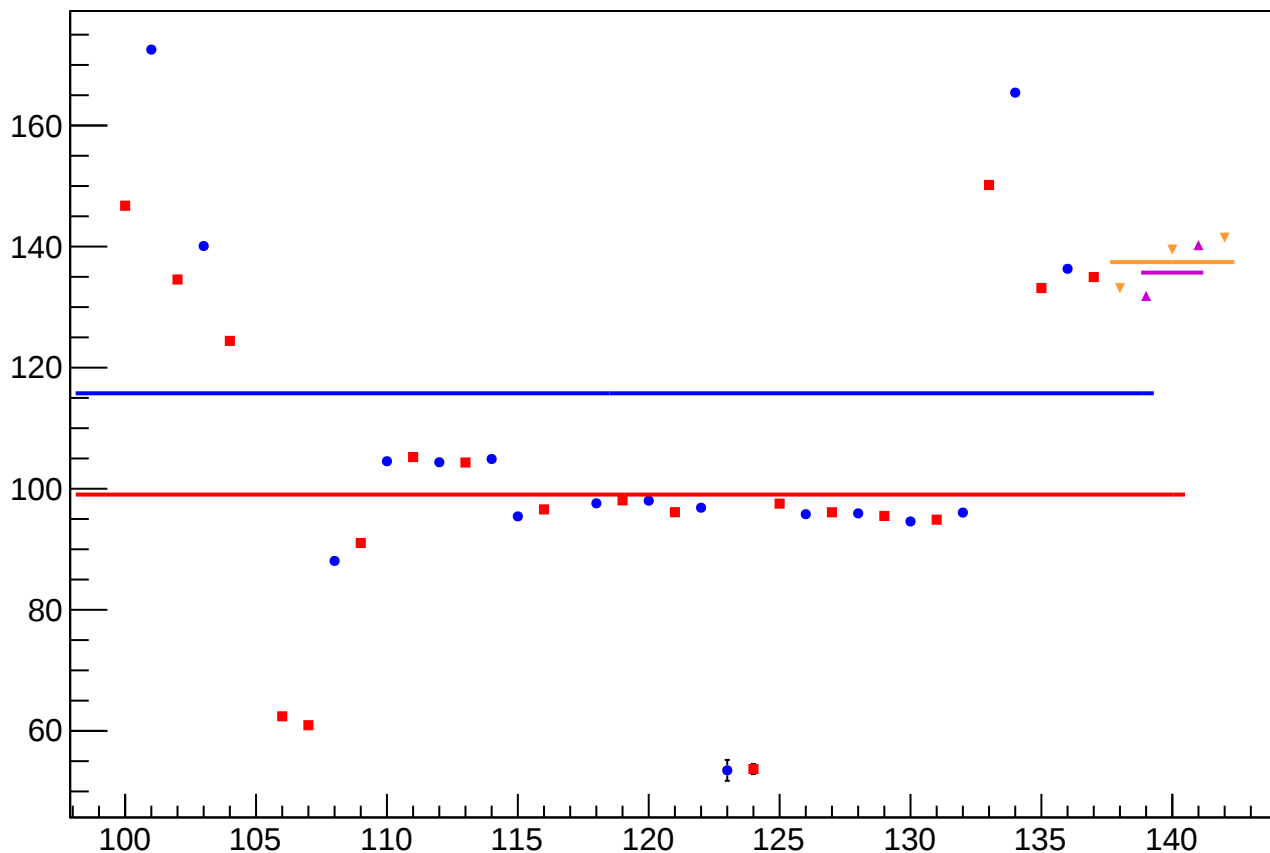
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -91.576 ± 1.234 $\chi^2/\text{NDF}: 727.7/18$

Out: -85.680 ± 1.129 $\chi^2/\text{NDF}: 794.9/21$

All: -88.368 ± 0.833 $\chi^2/\text{NDF}: 1535.1/40$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 137.431+/-0.118 χ^2/NDF :869.9/2

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 135.698+/-0.127 χ^2/NDF :1078.3/1

Left: 136.628+/-0.087 χ^2/NDF : 2047.7/4

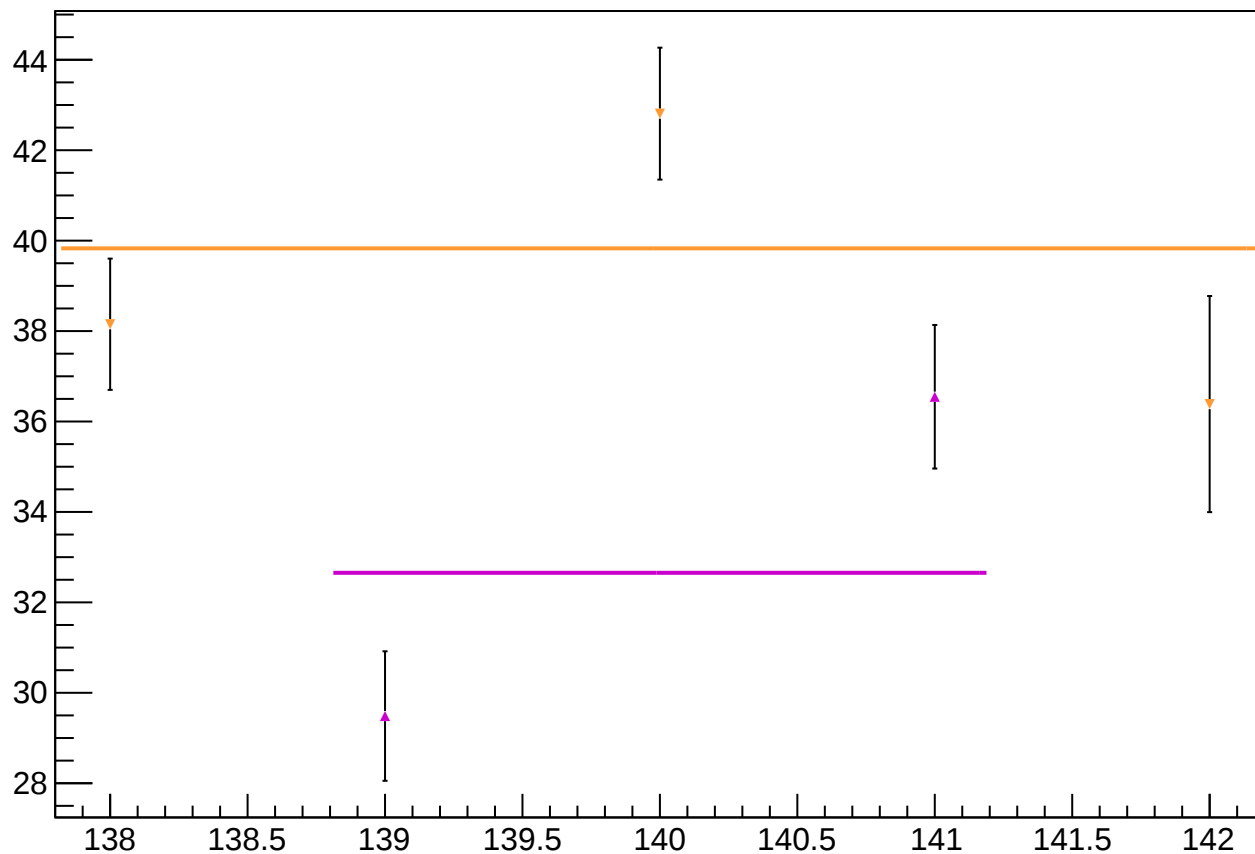
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 121.216+/-0.067 χ^2/NDF :125206.1/18

Out: 108.683+/-0.059 χ^2/NDF :253327.4/21

All: 114.225+/-0.044 χ^2/NDF : 398315.7/40

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: 39.830+/-0.945 χ^2/NDF : 7.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 32.654+/-1.063 χ^2/NDF : 10.9/1

Left: 36.663+/-0.706 χ^2/NDF : 43.9/4

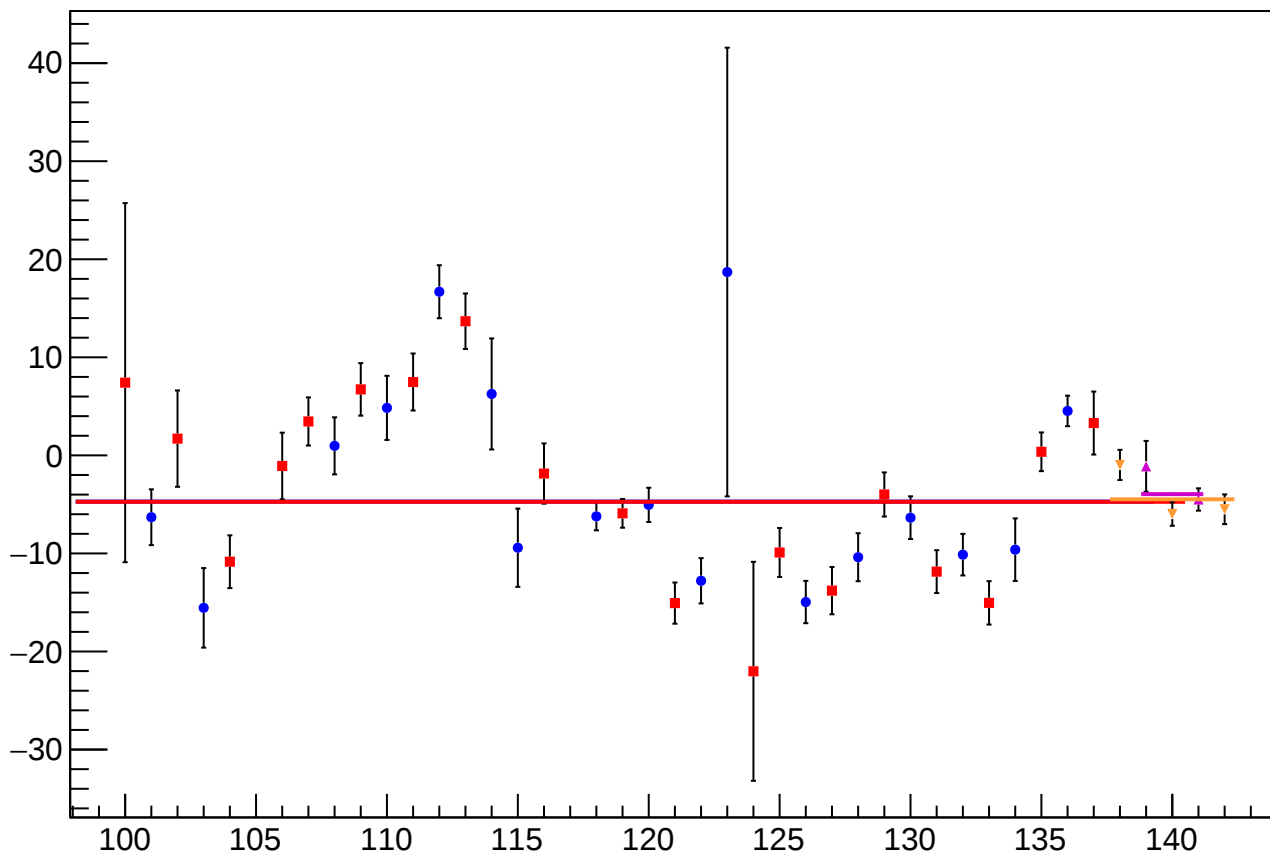
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 32.654+/-1.063 χ^2/NDF : 10.9/1

Out: 39.830+/-0.945 χ^2/NDF : 7.6/2

All: 36.663+/-0.706 χ^2/NDF : 43.9/4

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -4.480 ± 0.804 $\chi^2/\text{NDF}: 7.2/2$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: -3.952 ± 1.042 $\chi^2/\text{NDF}: 1.4/1$

Left: -4.283 ± 0.637 $\chi^2/\text{NDF}: 8.8/4$

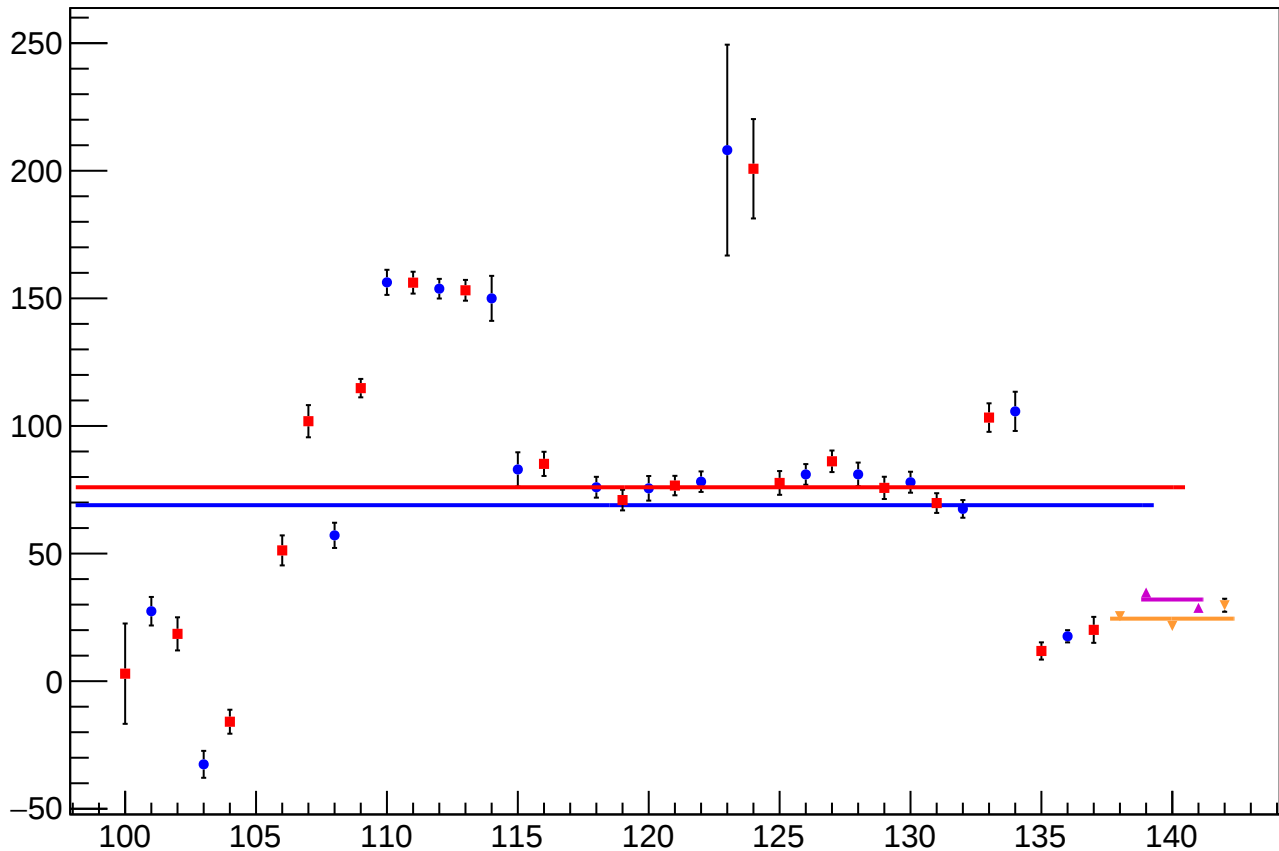
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -4.533 ± 0.507 $\chi^2/\text{NDF}: 176.5/18$

Out: -4.645 ± 0.473 $\chi^2/\text{NDF}: 197.0/21$

All: -4.593 ± 0.346 $\chi^2/\text{NDF}: 373.5/40$

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: 24.497 $\pm$ 1.015 χ^2 /NDF:8.0/2

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 31.993 $\pm$ 1.142 χ^2 /NDF:6.9/1

Left: 27.807 $\pm$ 0.759 χ^2 /NDF: 38.9/4

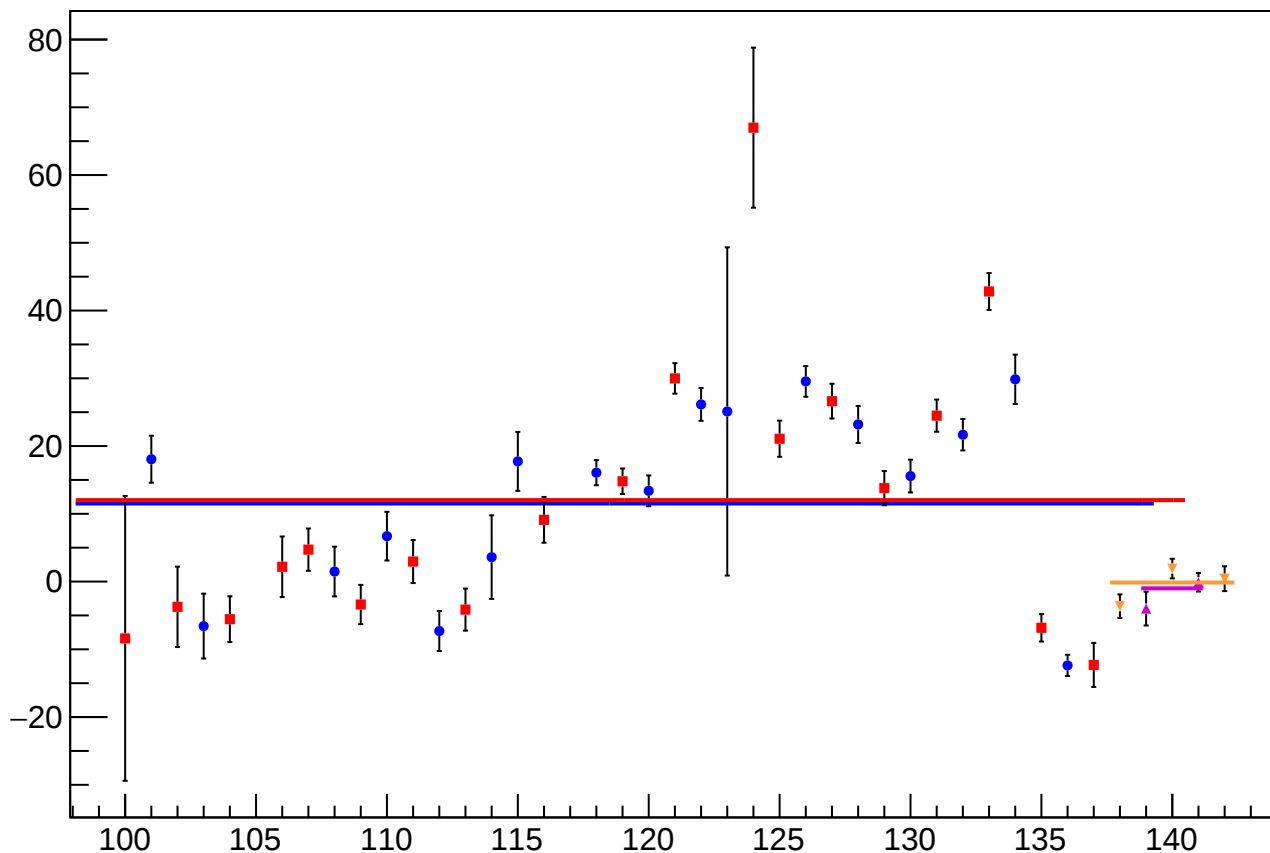
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 51.522 $\pm$ 0.784 χ^2 /NDF:2404.6/18

Out: 48.902 $\pm$ 0.736 χ^2 /NDF:3122.0/21

All: 50.129 $\pm$ 0.537 χ^2 /NDF: 5532.5/40

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -0.144 ± 0.950 $\chi^2/\text{NDF}: 6.1/2$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -1.000 ± 1.197 $\chi^2/\text{NDF}: 1.9/1$

Left: -0.475 ± 0.744 $\chi^2/\text{NDF}: 8.3/4$

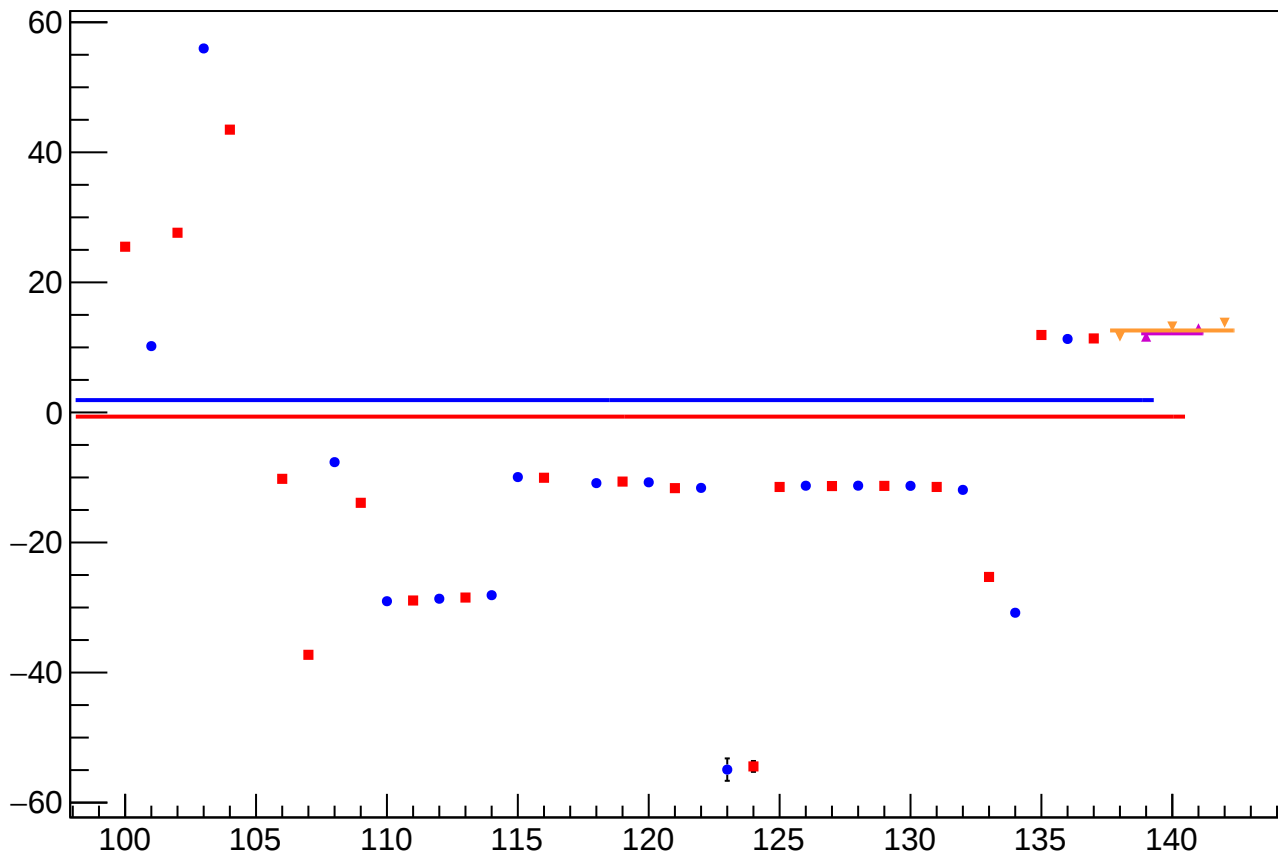
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: 8.605 ± 0.578 $\chi^2/\text{NDF}: 562.9/18$

Out: 8.030 ± 0.544 $\chi^2/\text{NDF}: 656.0/21$

All: 8.300 ± 0.396 $\chi^2/\text{NDF}: 1219.5/40$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 12.604 $\pm$ 0.041 χ^2 /NDF:447.4/2

Right Out: -0.644 $\pm$ 0.037 χ^2 /NDF: 361626.2/18

Left In: 12.161 $\pm$ 0.043 χ^2 /NDF:216.0/1

Left: 12.388 $\pm$ 0.030 χ^2 /NDF: 718.8/4

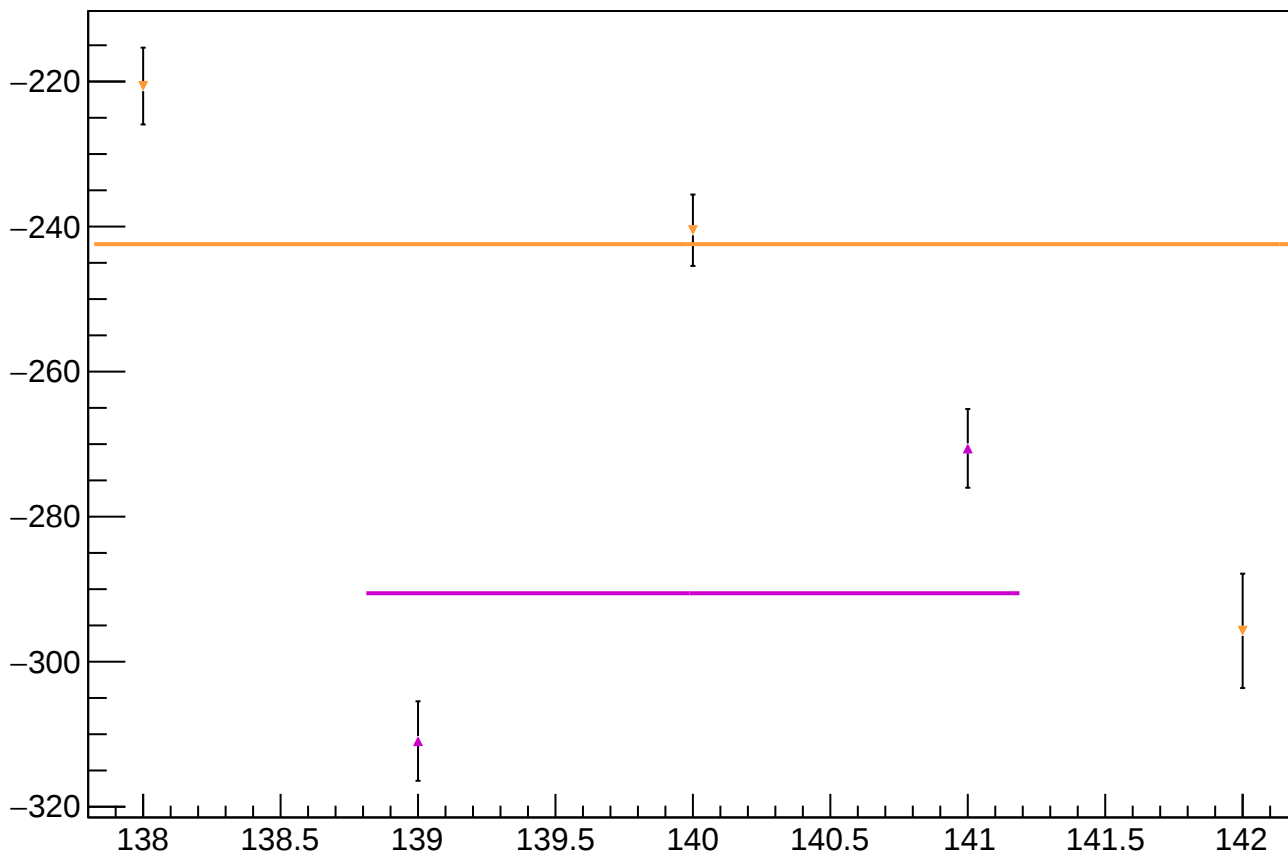
Right: 0.626 $\pm$ 0.026 χ^2 /NDF: 722831.9/35

In: 6.312 $\pm$ 0.028 χ^2 /NDF:392105.8/18

Out: 5.235 $\pm$ 0.028 χ^2 /NDF:418811.6/21

All: 5.767 $\pm$ 0.020 χ^2 /NDF: 811667.5/40

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: -242.428+/-3.278 χ^2/NDF : 62.8/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -290.560+/-3.856 χ^2/NDF : 27.4/1

Left: -262.622+/-2.498 χ^2/NDF : 180.7/4

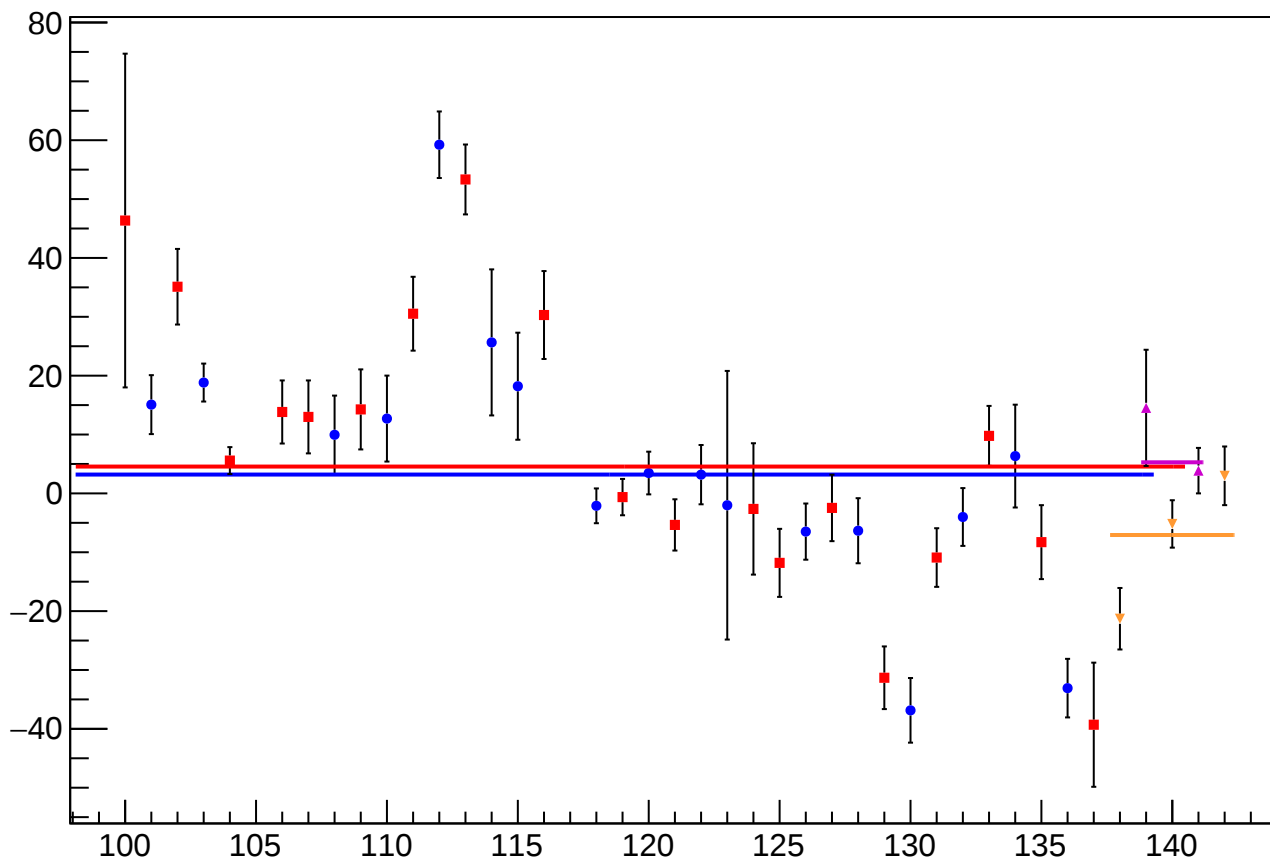
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -290.560+/-3.856 χ^2/NDF : 27.4/1

Out: -242.428+/-3.278 χ^2/NDF : 62.8/2

All: -262.622+/-2.498 χ^2/NDF : 180.7/4

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: -7.069 ± 2.686 $\chi^2/\text{NDF}: 11.7/2$

Right Out: 4.558 ± 1.158 $\chi^2/\text{NDF}: 223.9/18$

Left In: 5.282 ± 3.598 $\chi^2/\text{NDF}: 1.0/1$

Left: -2.648 ± 2.152 $\chi^2/\text{NDF}: 20.3/4$

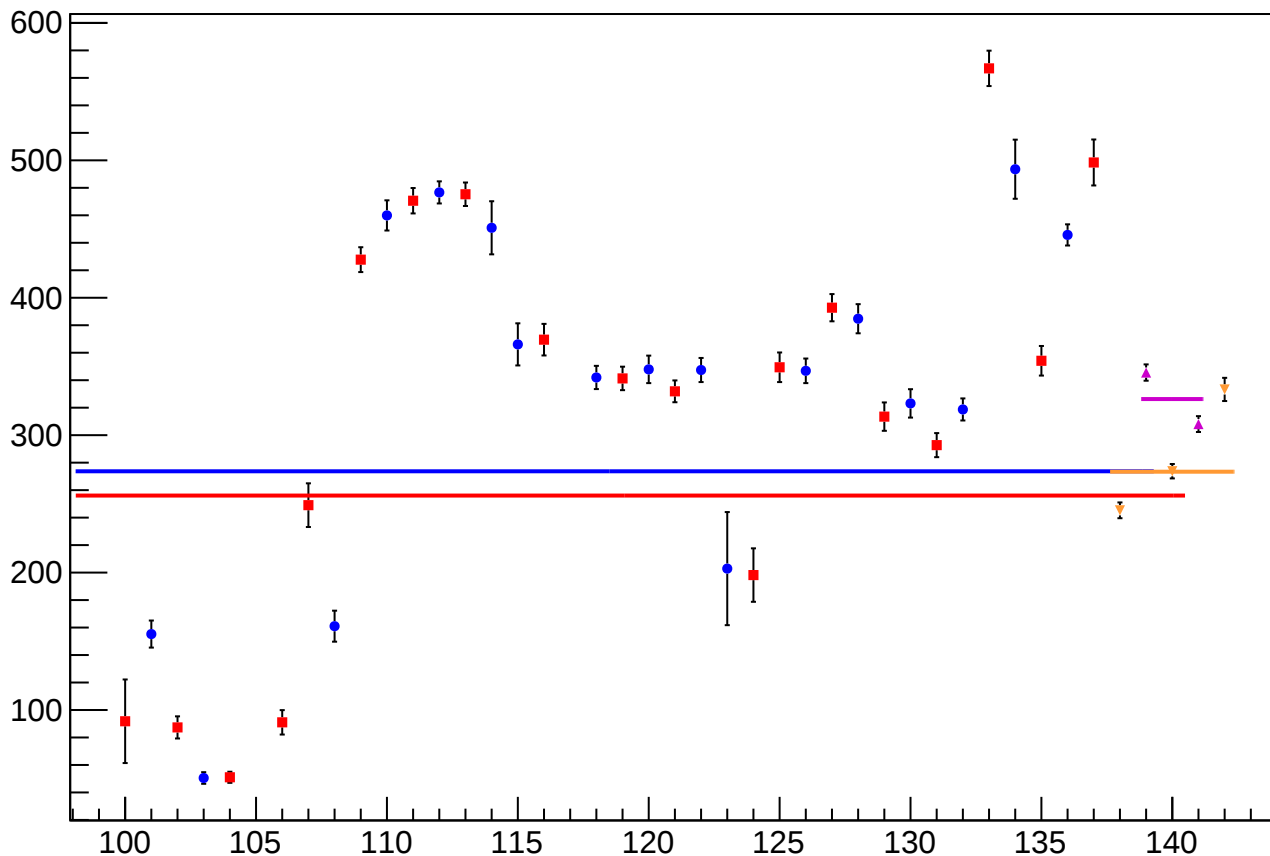
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 3.417 ± 1.162 $\chi^2/\text{NDF}: 256.5/18$

Out: 2.737 ± 1.063 $\chi^2/\text{NDF}: 251.4/21$

All: 3.047 ± 0.784 $\chi^2/\text{NDF}: 508.1/40$

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: 273.413 $\pm$ 3.517 χ^2 /NDF: 74.3/2

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 326.285 $\pm$ 4.136 χ^2 /NDF: 20.5/1

Left: 295.601 $\pm$ 2.680 χ^2 /NDF: 189.6/4

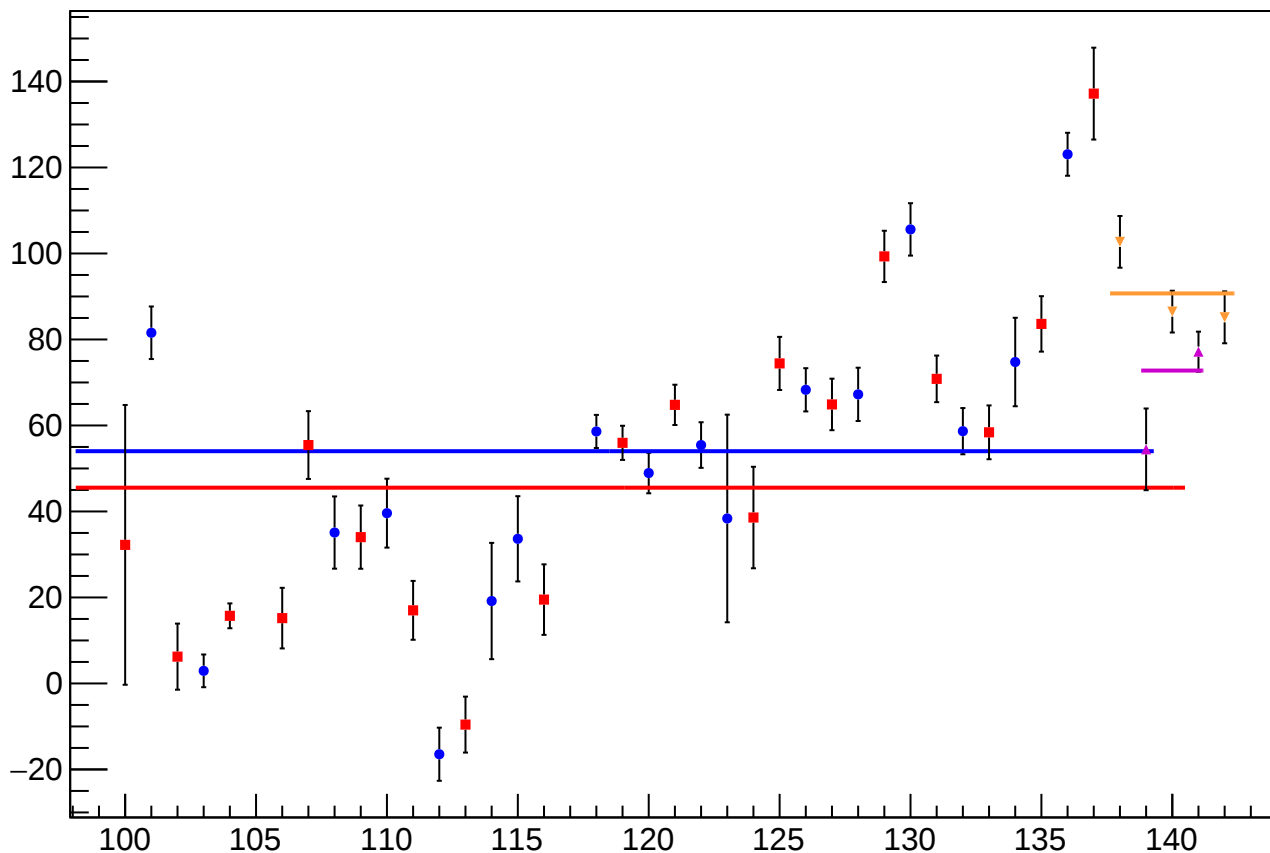
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 285.264 $\pm$ 1.939 χ^2 /NDF: 5249.9/18

Out: 260.548 $\pm$ 1.790 χ^2 /NDF: 6533.4/21

All: 271.920 $\pm$ 1.315 χ^2 /NDF: 11871.0/40

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: 90.709 $\pm$ 3.205 χ^2 /NDF:5.6/2

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 72.770 $\pm$ 4.180 χ^2 /NDF:4.6/1

Left: 84.068 $\pm$ 2.543 χ^2 /NDF: 21.8/4

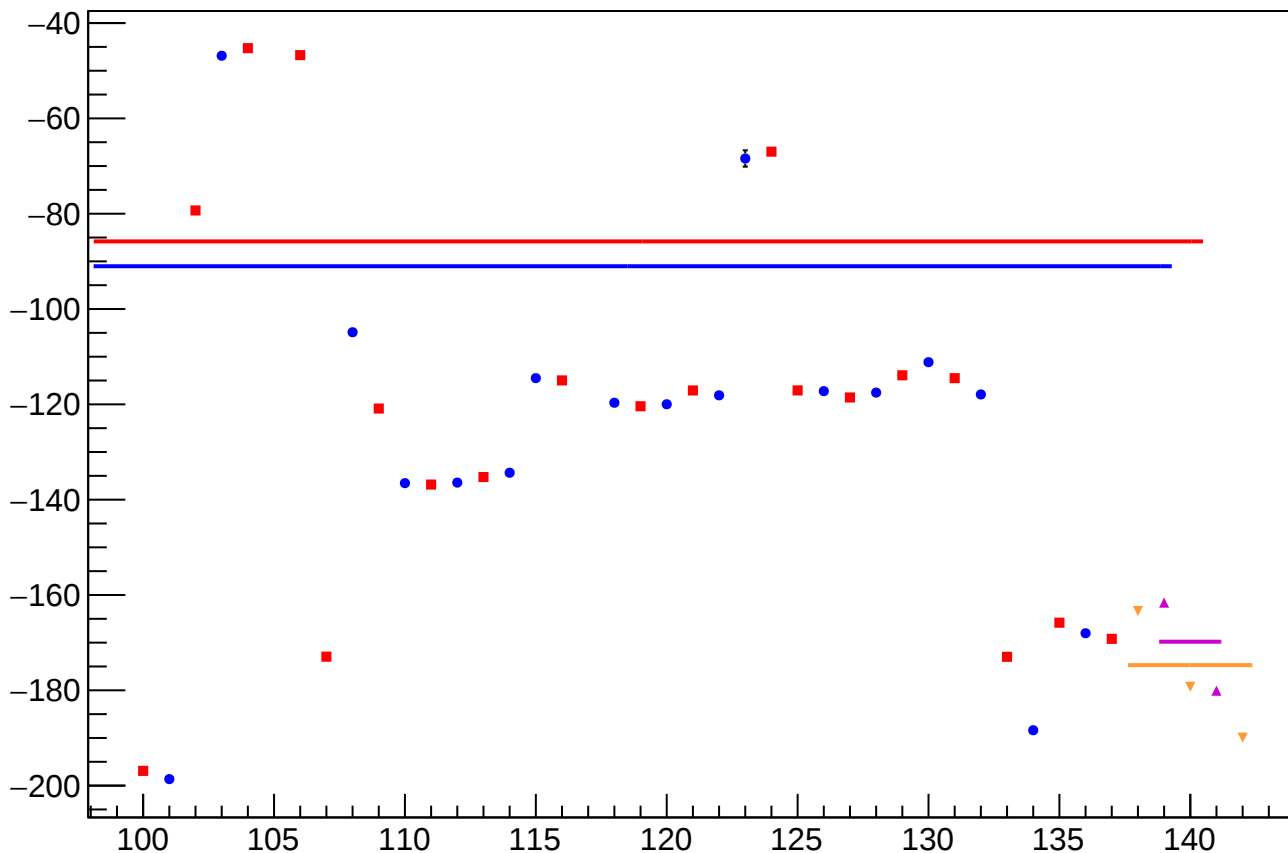
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 55.964 $\pm$ 1.347 χ^2 /NDF:655.5/18

Out: 52.400 $\pm$ 1.250 χ^2 /NDF:700.9/21

All: 54.049 $\pm$ 0.916 χ^2 /NDF: 1360.2/40

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: -174.718+/-0.146 χ^2/NDF : 4880.4/2

Right Out: -85.811+/-0.065 χ^2/NDF : 495868.7/18

Left In: -169.801+/-0.156 χ^2/NDF : 3472.0/1

Left: -172.420+/-0.107 χ^2/NDF : 8882.5/4

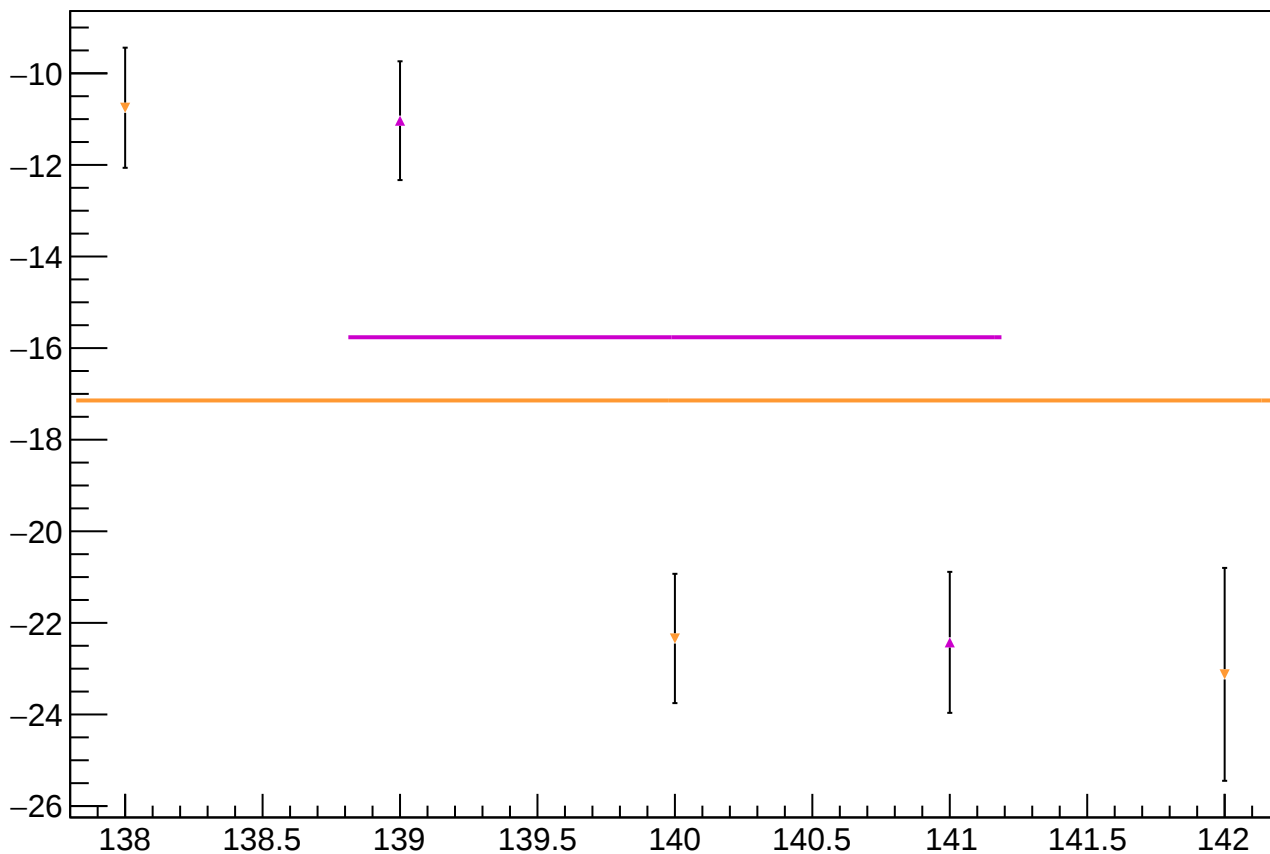
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -103.492+/-0.062 χ^2/NDF : 752845.5/18

Out: -100.527+/-0.059 χ^2/NDF : 810233.8/21

All: -101.946+/-0.043 χ^2/NDF : 1564272.1/40

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: -17.143+/-0.888 χ^2/NDF :43.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.763+/-0.992 χ^2/NDF :32.0/1

Left: -16.529+/-0.662 χ^2/NDF : 77.0/4

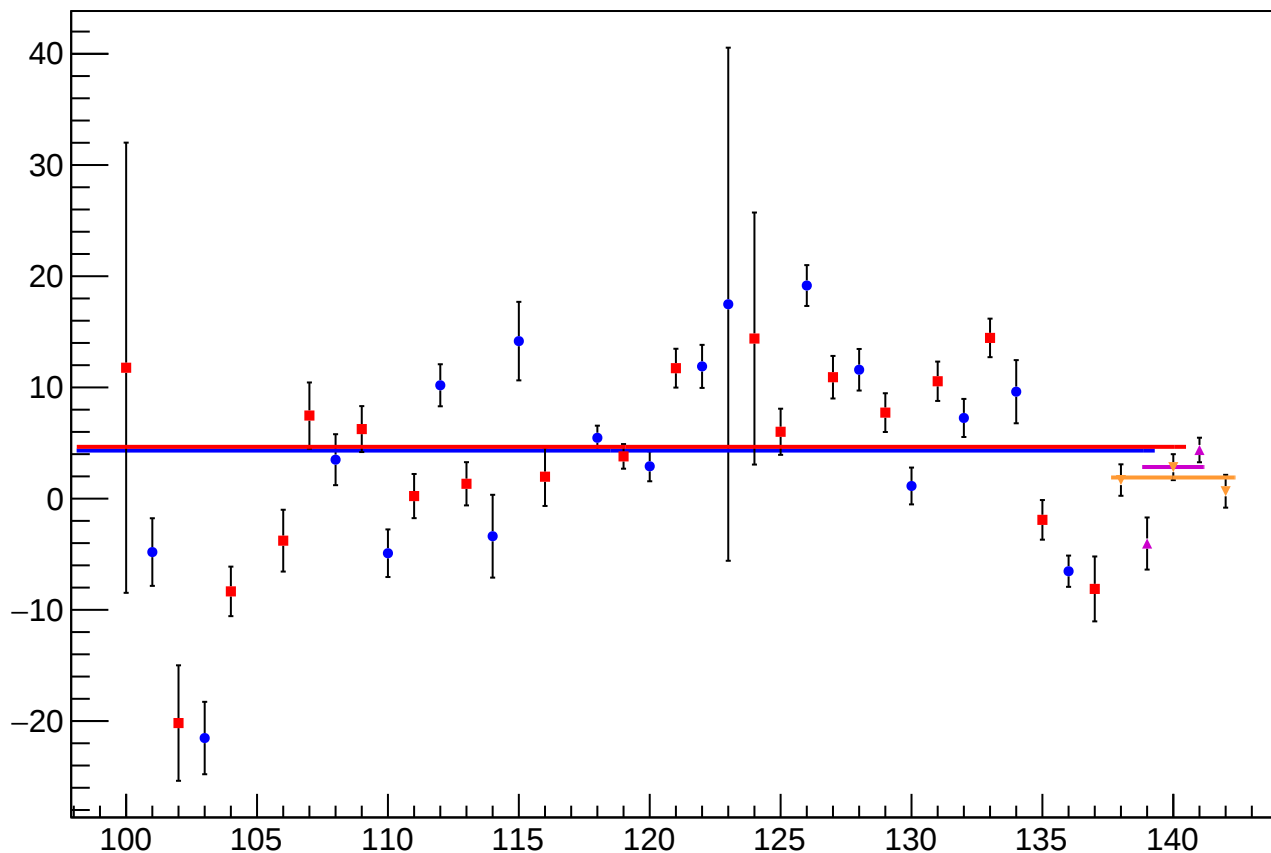
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.763+/-0.992 χ^2/NDF :32.0/1

Out: -17.143+/-0.888 χ^2/NDF :43.9/2

All: -16.529+/-0.662 χ^2/NDF : 77.0/4

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: 1.901 $\pm$ 0.769 χ^2 /NDF:1.4/2

Right Out: 4.657 $\pm$ 0.474 χ^2 /NDF: 184.5/18

Left In: 2.844 $\pm$ 0.999 χ^2 /NDF:10.5/1

Left: 2.252 $\pm$ 0.609 χ^2 /NDF: 12.5/4

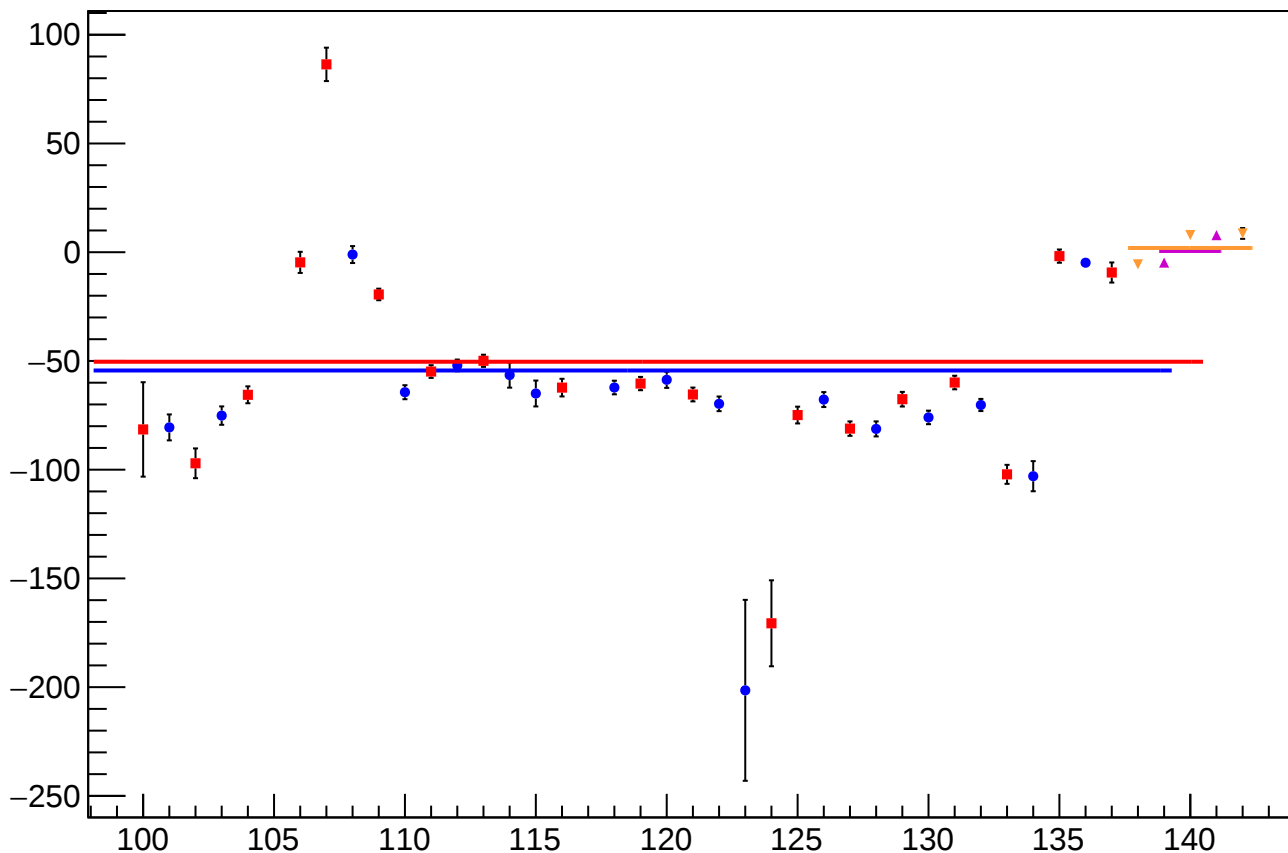
Right: 4.486 $\pm$ 0.332 χ^2 /NDF: 465.1/35

In: 4.058 $\pm$ 0.422 χ^2 /NDF:292.7/18

Out: 3.898 $\pm$ 0.403 χ^2 /NDF:195.2/21

All: 3.975 $\pm$ 0.292 χ^2 /NDF: 488.0/40

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: 1.953 ± 0.954 $\chi^2/\text{NDF}: 50.9/2$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 0.576 ± 1.066 $\chi^2/\text{NDF}: 34.2/1$

Left: 1.340 ± 0.711 $\chi^2/\text{NDF}: 86.0/4$

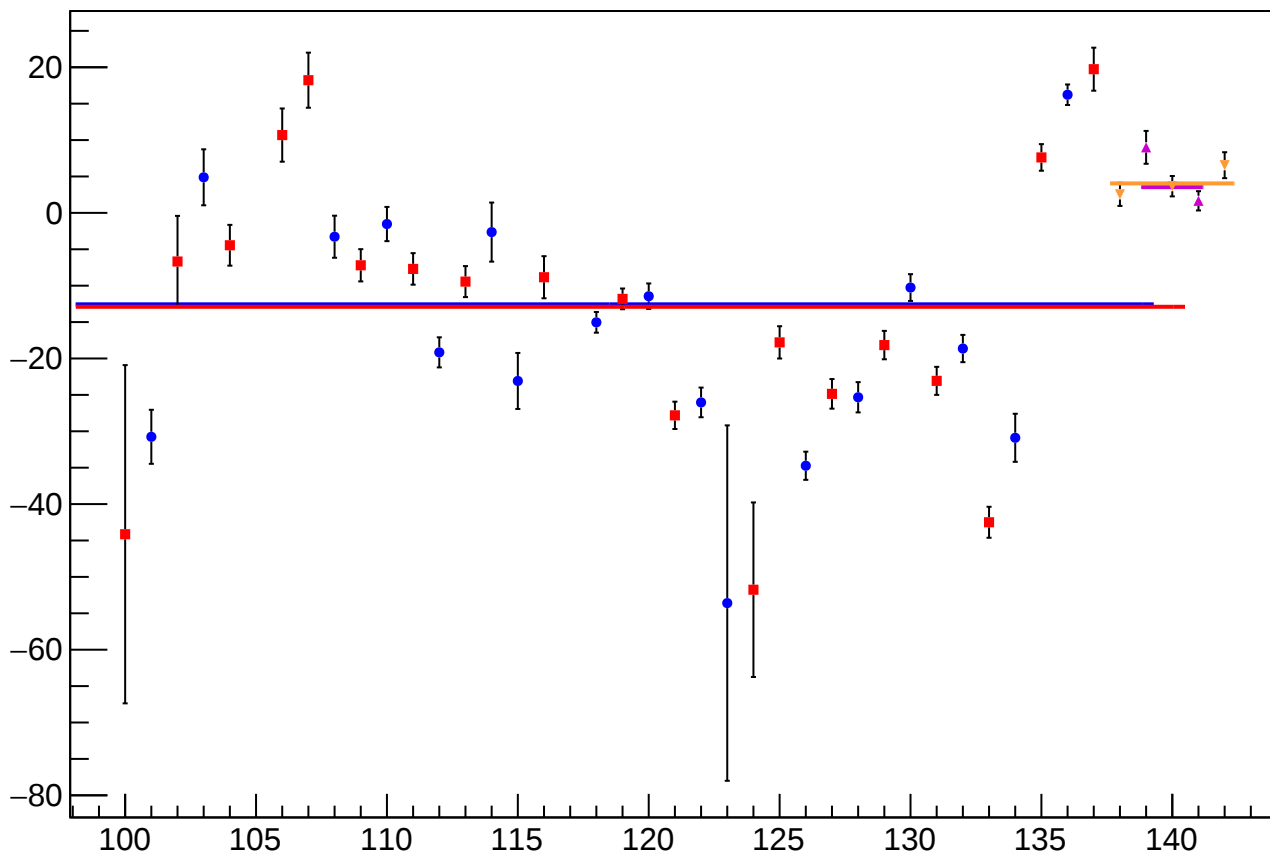
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -32.571 ± 0.671 $\chi^2/\text{NDF}: 2652.6/18$

Out: -26.994 ± 0.638 $\chi^2/\text{NDF}: 3034.6/21$

All: -29.640 ± 0.462 $\chi^2/\text{NDF}: 5723.5/40$

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: 4.046 ± 0.905 χ^2/NDF : 2.9/2

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 3.539 ± 1.142 χ^2/NDF : 7.9/1

Left: 3.850 ± 0.709 χ^2/NDF : 10.9/4

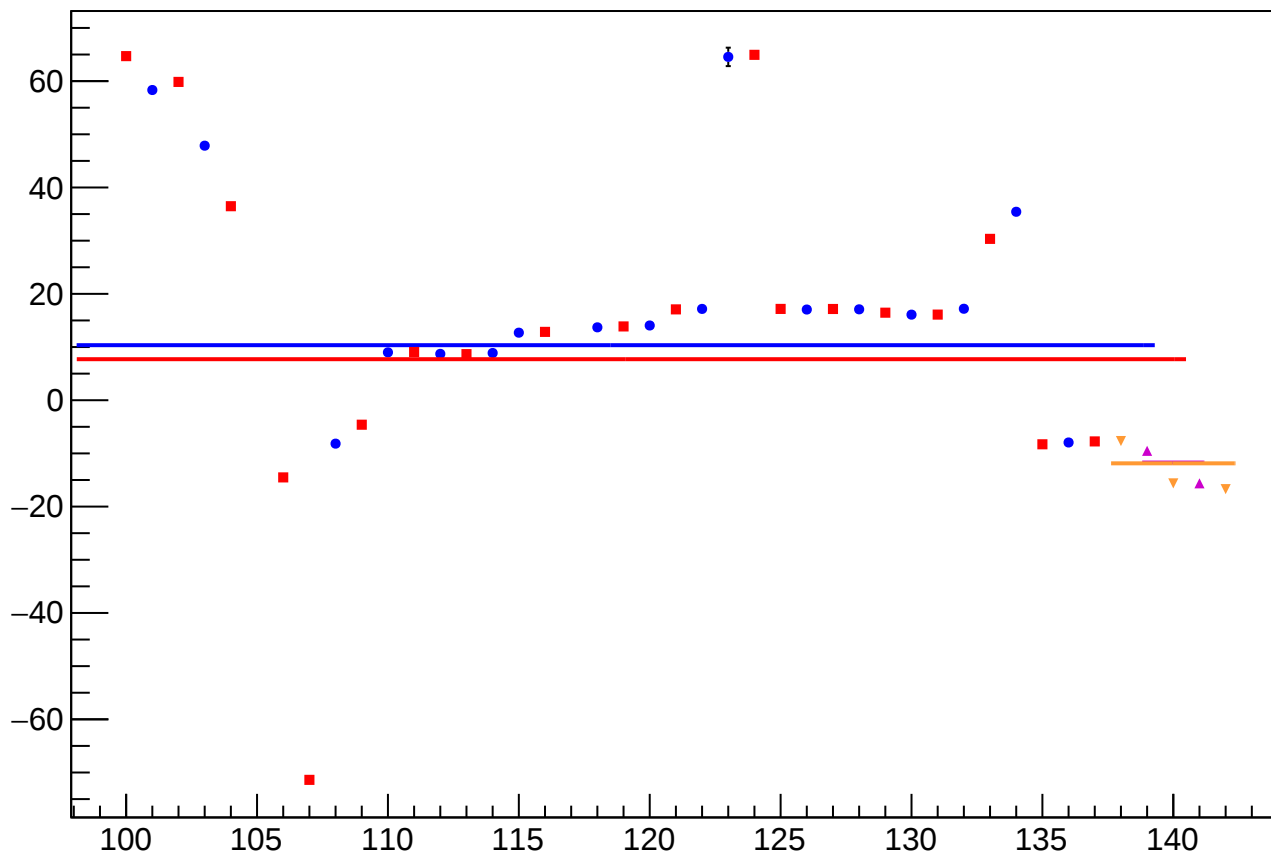
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -9.695 ± 0.482 χ^2/NDF : 950.7/18

Out: -8.471 ± 0.463 χ^2/NDF : 990.4/21

All: -9.058 ± 0.334 χ^2/NDF : 1944.5/40

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -11.867+/-0.039 χ^2/NDF :11477.5/2

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -11.721+/-0.040 χ^2/NDF :5501.9/1

Left: -11.796+/-0.028 χ^2/NDF : 16986.4/4

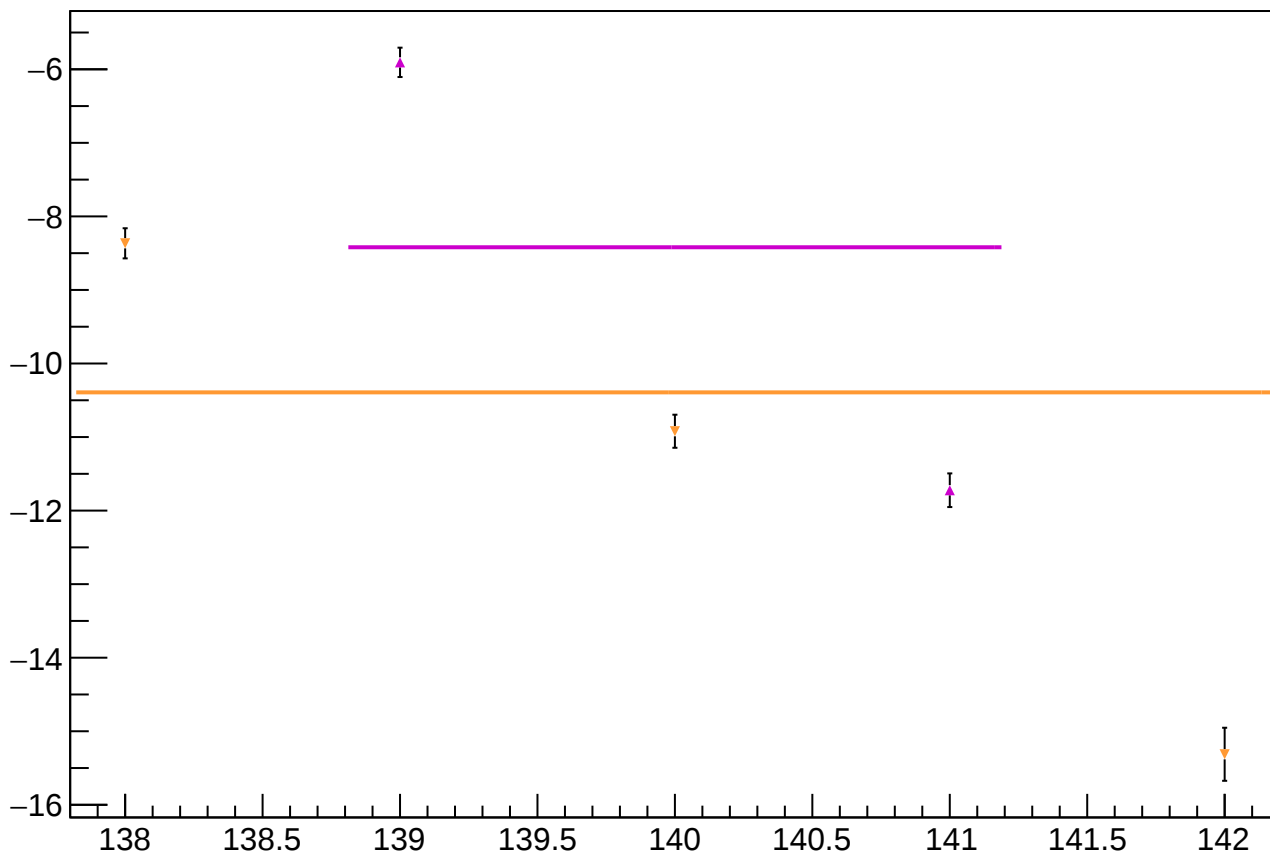
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: 2.101+/-0.024 χ^2/NDF :581071.1/18

Out: 0.010+/-0.024 χ^2/NDF :710871.2/21

All: 1.062+/-0.017 χ^2/NDF : 1295651.4/40

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: -10.393+/-0.140 χ^2/NDF : 289.6/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.420+/-0.150 χ^2/NDF : 367.2/1

Left: -9.479+/-0.102 χ^2/NDF : 749.2/4

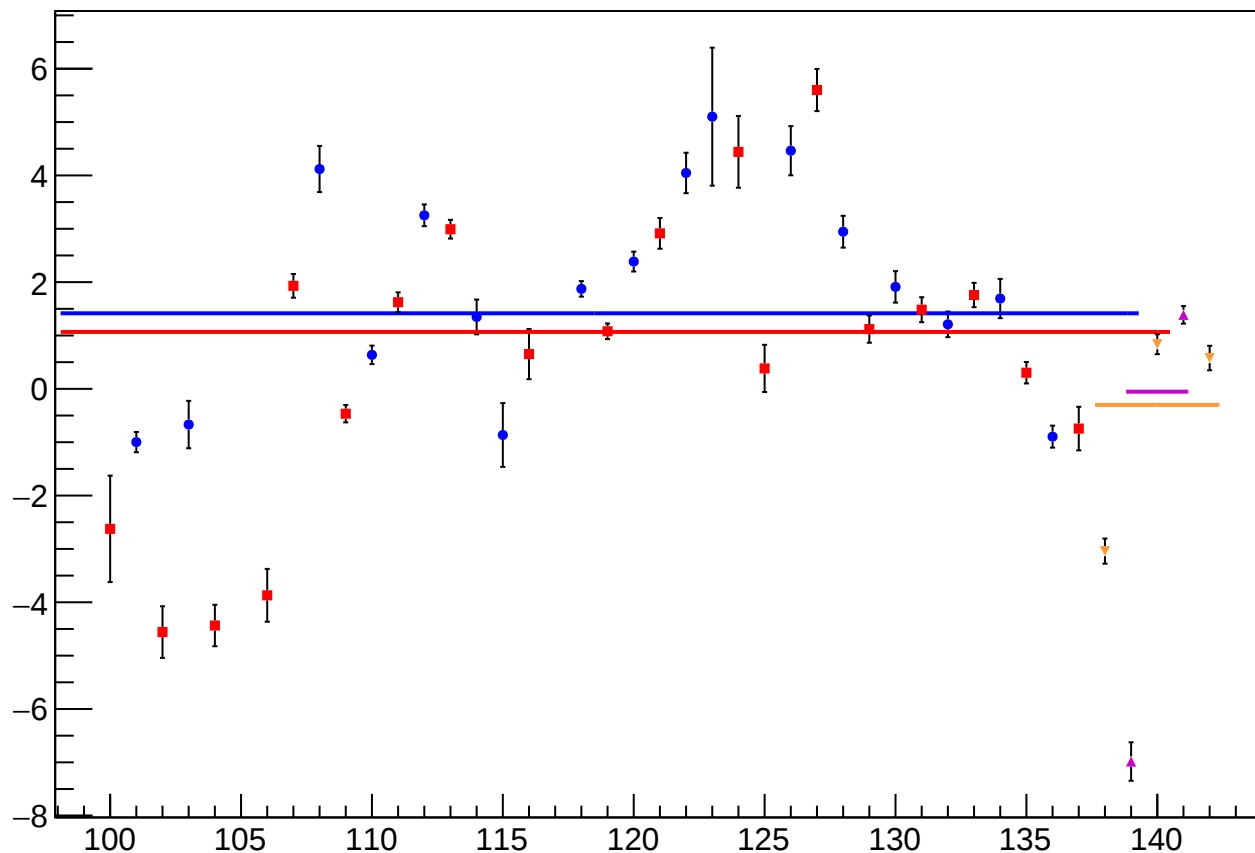
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.420+/-0.150 χ^2/NDF : 367.2/1

Out: -10.393+/-0.140 χ^2/NDF : 289.6/2

All: -9.479+/-0.102 χ^2/NDF : 749.2/4

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: -0.301 $\pm$ 0.123 χ^2 /NDF:187.4/2

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: -0.053 $\pm$ 0.150 χ^2 /NDF:445.2/1

Left: -0.201 $\pm$ 0.095 χ^2 /NDF: 634.2/4

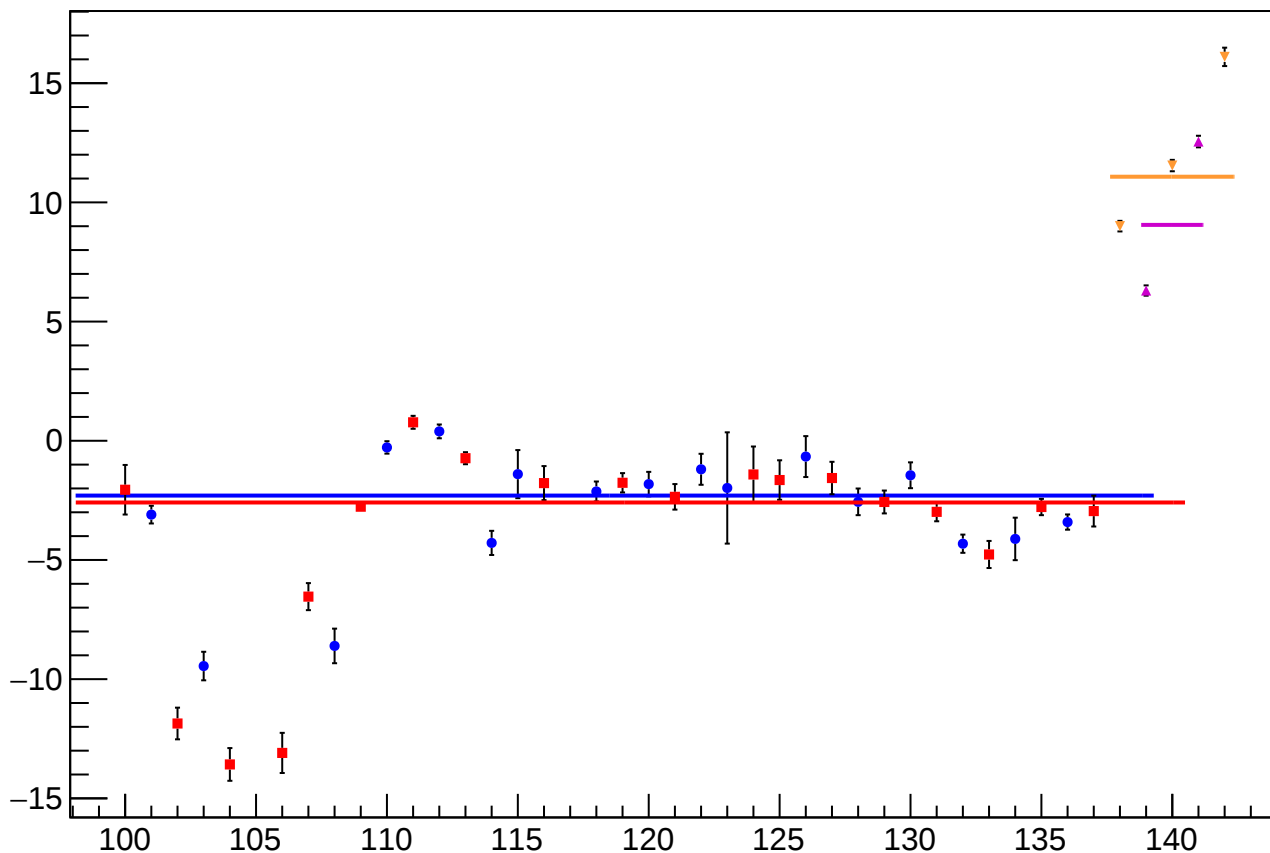
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.206 $\pm$ 0.057 χ^2 /NDF:1158.8/18

Out: 0.818 $\pm$ 0.053 χ^2 /NDF:1218.1/21

All: 0.998 $\pm$ 0.039 χ^2 /NDF: 2402.0/40

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: 11.077 ± 0.150 χ^2/NDF : 260.4/2

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 9.055 ± 0.161 χ^2/NDF : 369.1/1

Left: 10.139 ± 0.110 χ^2/NDF : 713.6/4

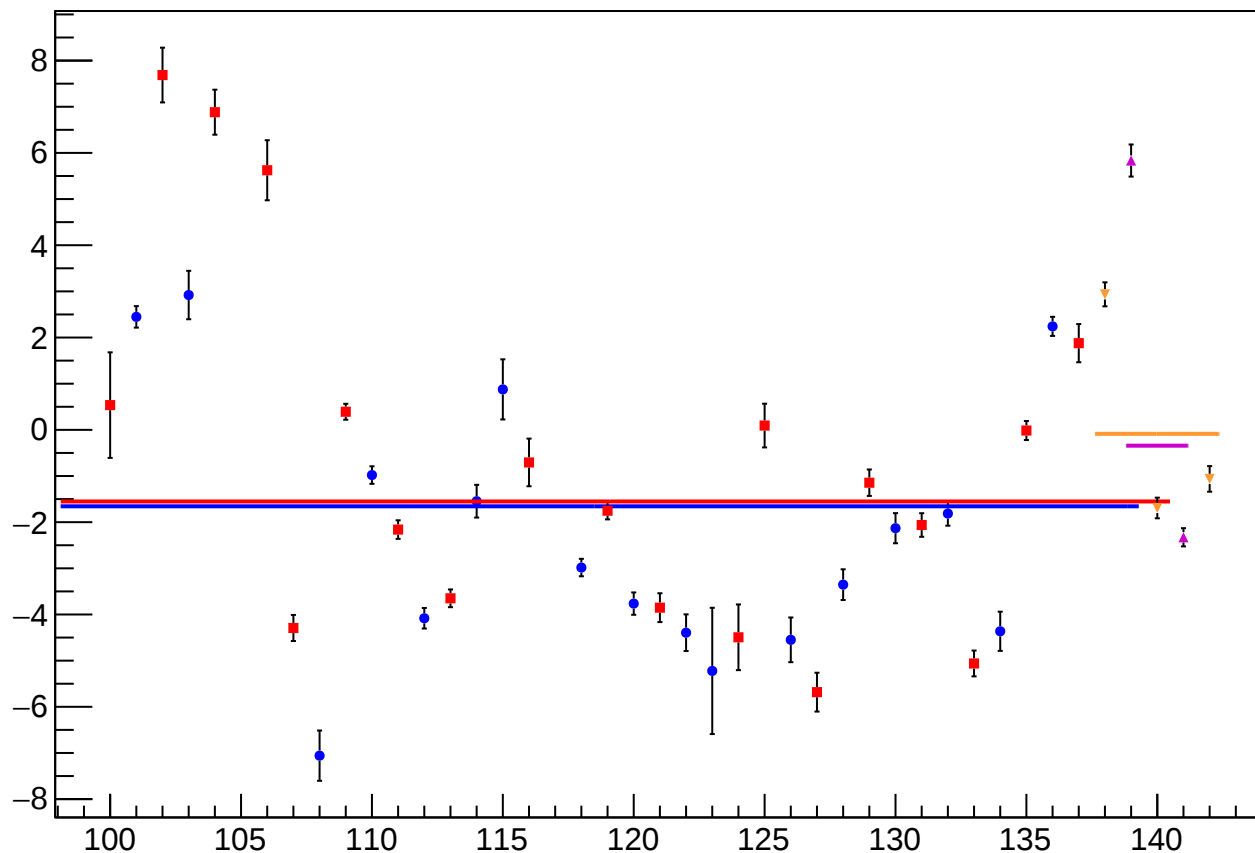
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 1.337 ± 0.091 χ^2/NDF : 4169.8/18

Out: 1.541 ± 0.083 χ^2/NDF : 6929.7/21

All: 1.449 ± 0.061 χ^2/NDF : 11102.3/40

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -0.087 ± 0.145 $\chi^2/\text{NDF}: 199.3/2$

Right Out: -1.551 ± 0.066 $\chi^2/\text{NDF}: 1488.1/18$

Left In: -0.343 ± 0.172 $\chi^2/\text{NDF}: 416.6/1$

Left: -0.193 ± 0.111 $\chi^2/\text{NDF}: 617.3/4$

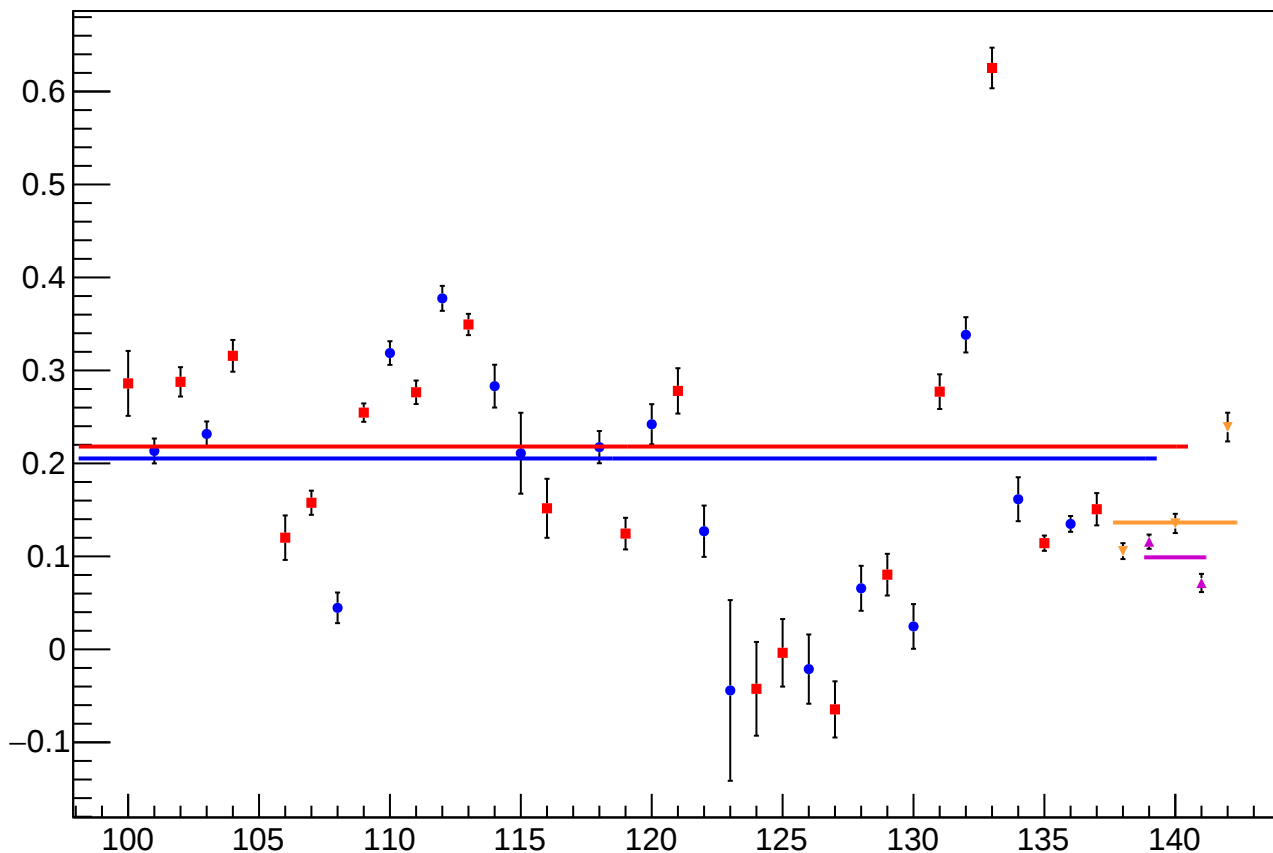
Right: -1.600 ± 0.048 $\chi^2/\text{NDF}: 2760.4/35$

In: -1.467 ± 0.065 $\chi^2/\text{NDF}: 1737.9/18$

Out: -1.301 ± 0.060 $\chi^2/\text{NDF}: 1772.5/21$

All: -1.377 ± 0.044 $\chi^2/\text{NDF}: 3513.9/40$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2/NDF : 620.5/16

Left Out: 0.136 $\pm$ 0.006 χ^2/NDF :57.2/2

Right Out: 0.218 $\pm$ 0.004 χ^2/NDF : 1023.2/18

Left In: 0.099 $\pm$ 0.006 χ^2/NDF :12.8/1

Left: 0.118 $\pm$ 0.004 χ^2/NDF : 89.2/4

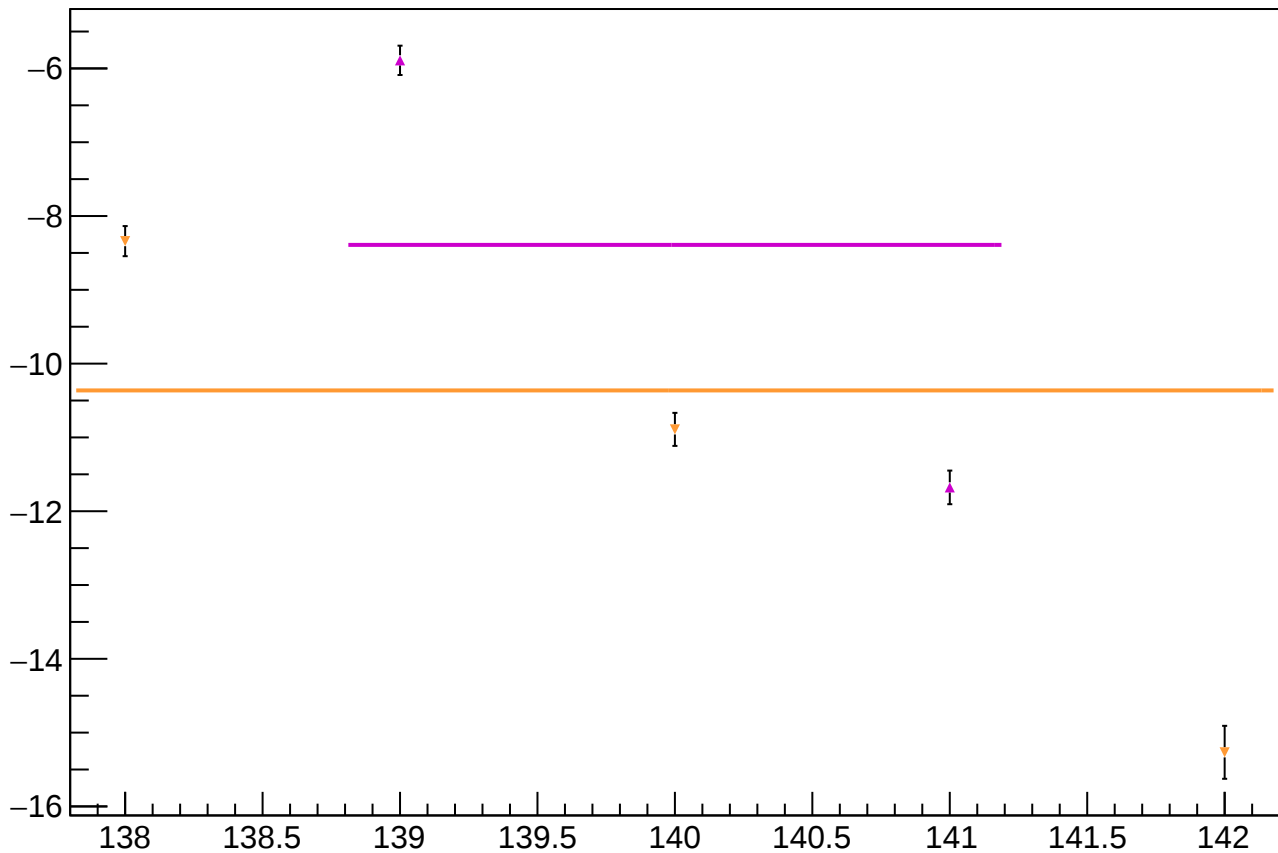
Right: 0.212 $\pm$ 0.003 χ^2/NDF : 1649.1/35

In: 0.171 $\pm$ 0.003 χ^2/NDF :845.5/18

Out: 0.196 $\pm$ 0.003 χ^2/NDF :1213.1/21

All: 0.185 $\pm$ 0.002 χ^2/NDF : 2087.4/40

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: -10.363+/-0.139 χ^2/NDF : 290.7/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.391+/-0.150 χ^2/NDF : 366.5/1

Left: -9.450+/-0.102 χ^2/NDF : 750.3/4

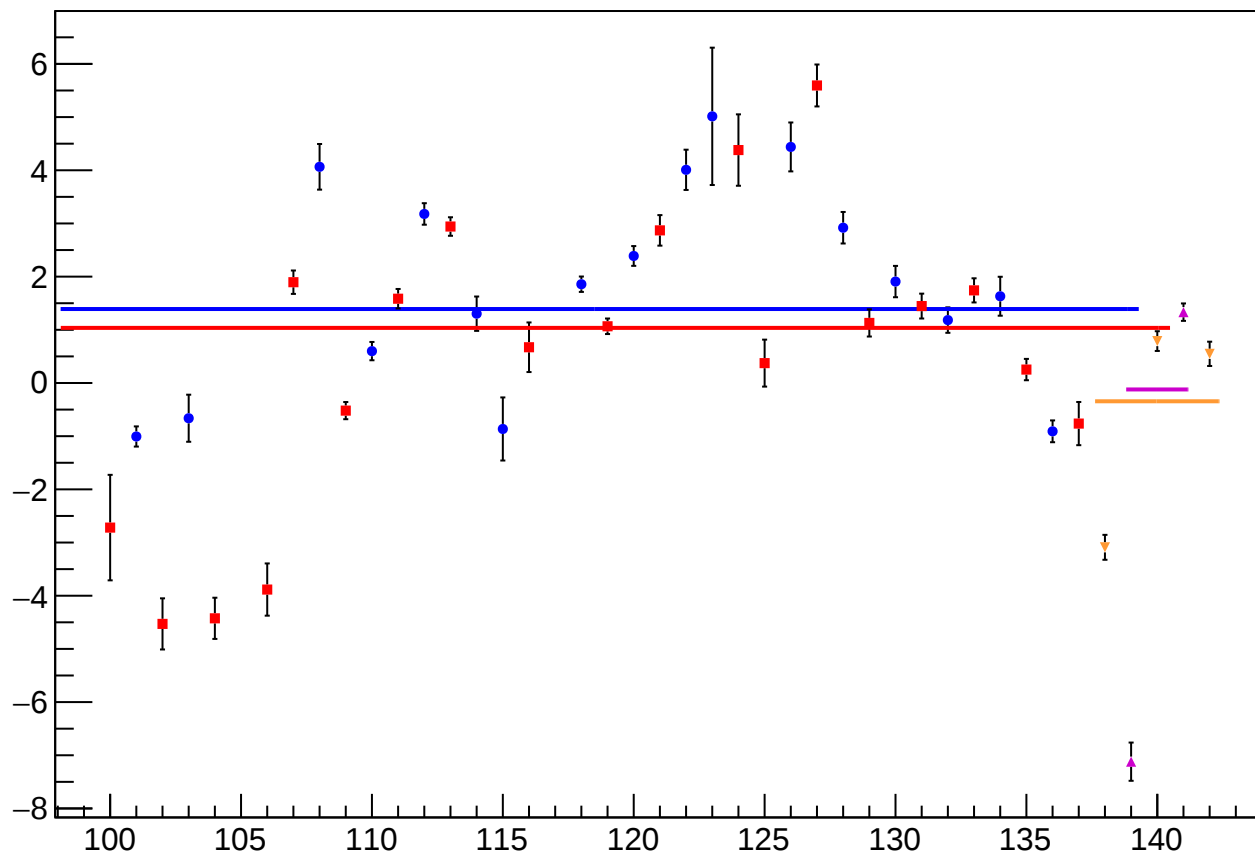
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.391+/-0.150 χ^2/NDF : 366.5/1

Out: -10.363+/-0.139 χ^2/NDF : 290.7/2

All: -9.450+/-0.102 χ^2/NDF : 750.3/4

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: -0.344 ± 0.123 χ^2/NDF : 189.7/2

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: -0.121 ± 0.149 χ^2/NDF : 457.7/1

Left: -0.254 ± 0.095 χ^2/NDF : 648.8/4

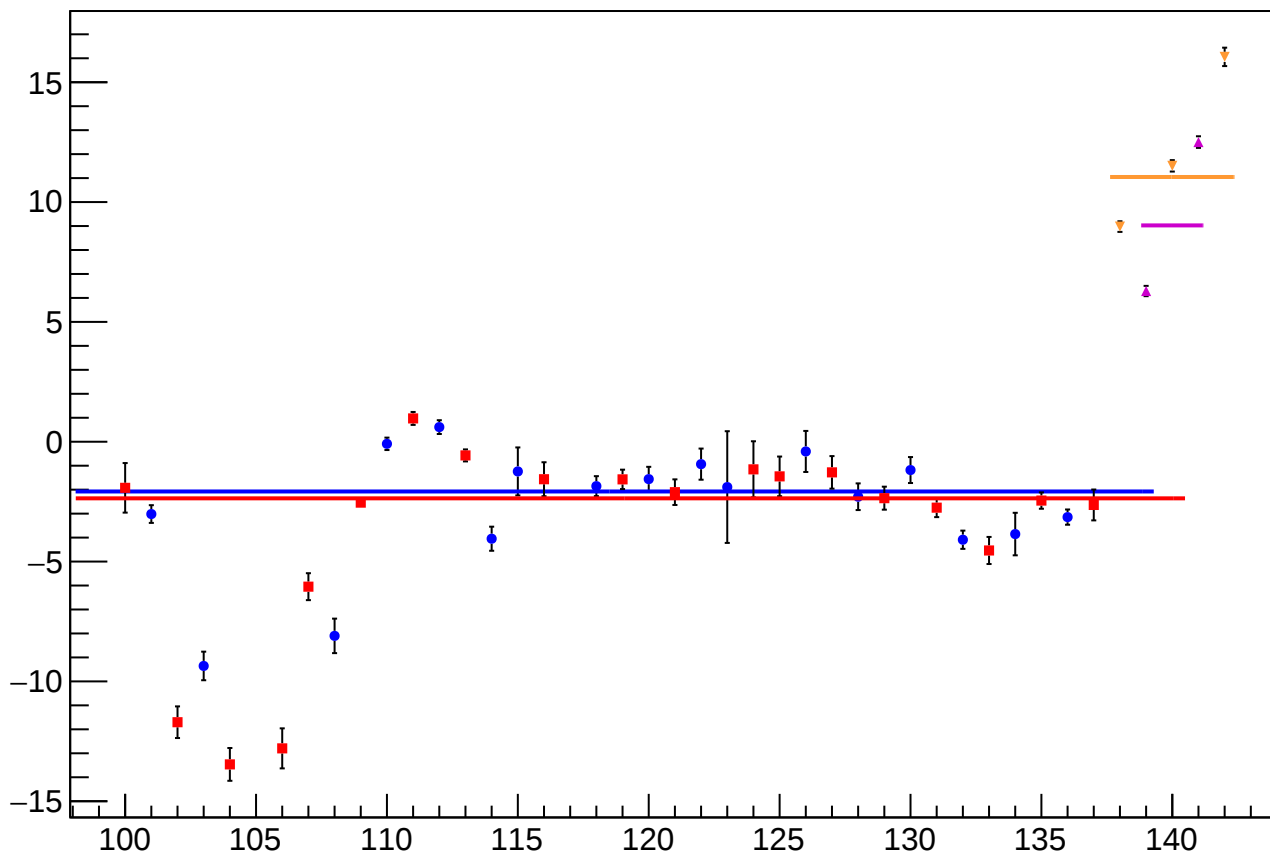
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.175 ± 0.056 χ^2/NDF : 1175.1/18

Out: 0.786 ± 0.052 χ^2/NDF : 1227.4/21

All: 0.966 ± 0.038 χ^2/NDF : 2428.1/40

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: 11.046 ± 0.149 χ^2/NDF : 261.5/2

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 9.026 ± 0.161 χ^2/NDF : 368.2/1

Left: 10.110 ± 0.109 χ^2/NDF : 714.3/4

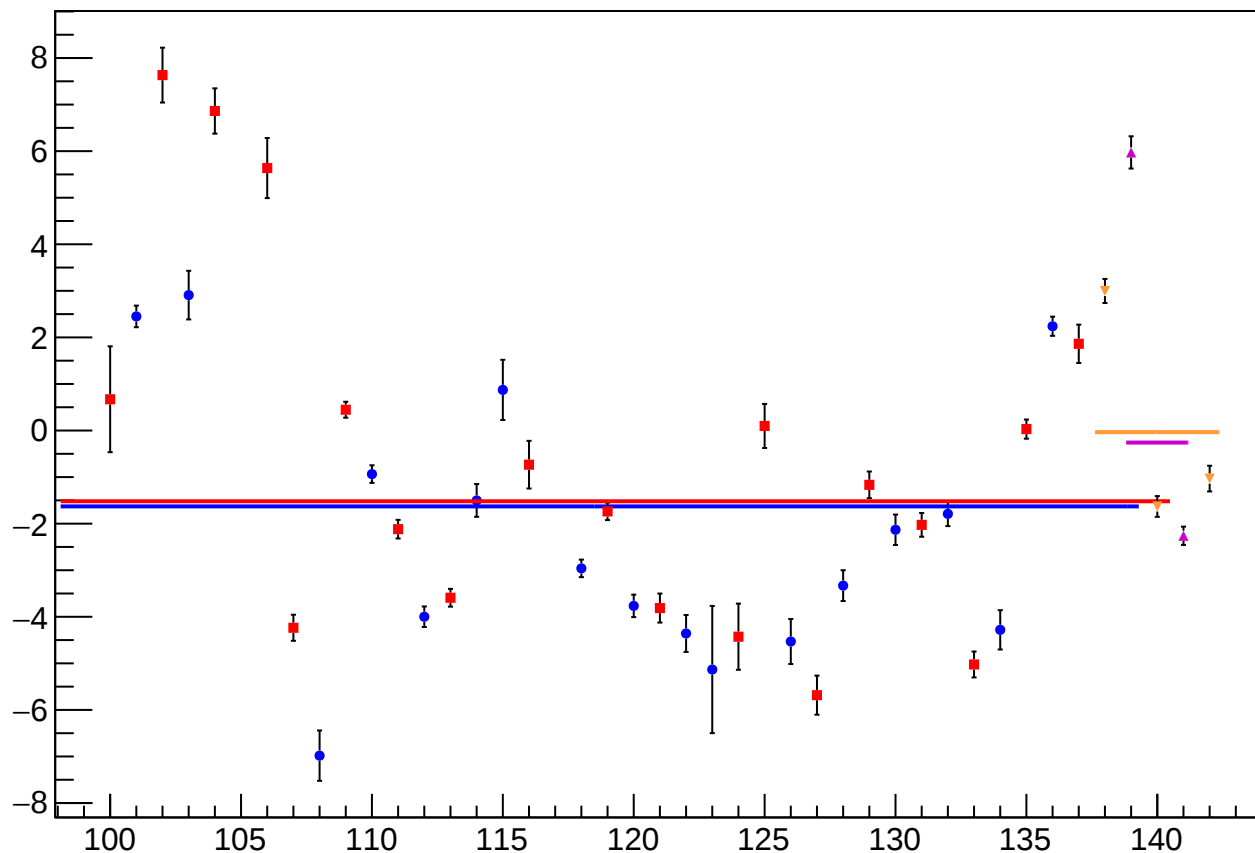
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 1.476 ± 0.091 χ^2/NDF : 4052.3/18

Out: 1.685 ± 0.082 χ^2/NDF : 6771.4/21

All: 1.591 ± 0.061 χ^2/NDF : 10826.5/40

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -0.034 ± 0.144 χ^2/NDF : 201.9/2

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -0.258 ± 0.171 χ^2/NDF : 427.6/1

Left: -0.127 ± 0.110 χ^2/NDF : 630.5/4

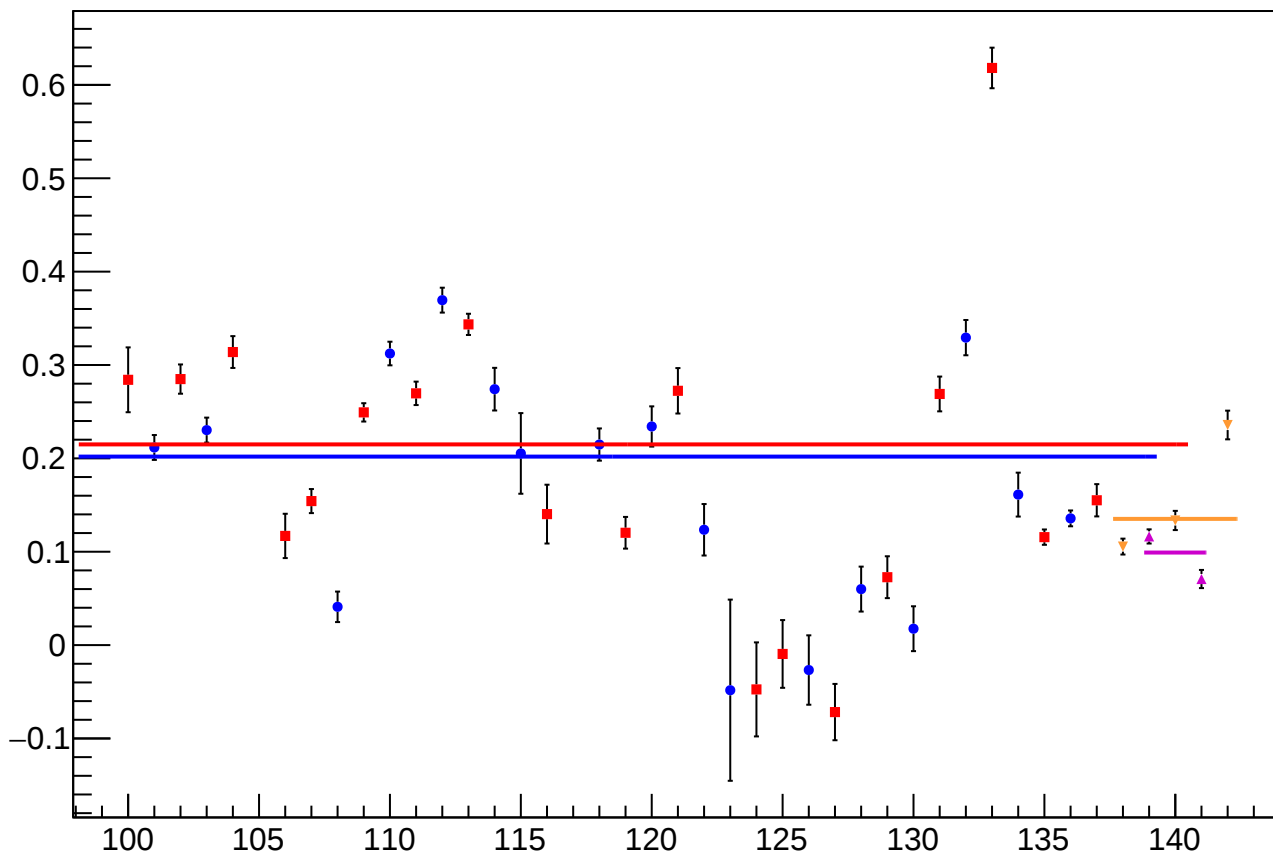
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.432 ± 0.065 χ^2/NDF : 1749.1/18

Out: -1.265 ± 0.059 χ^2/NDF : 1782.0/21

All: -1.341 ± 0.044 χ^2/NDF : 3534.6/40

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.135 $\pm$ 0.006 χ^2 /NDF:55.0/2

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.099 $\pm$ 0.006 χ^2 /NDF:13.7/1

Left: 0.117 $\pm$ 0.004 χ^2 /NDF: 86.7/4

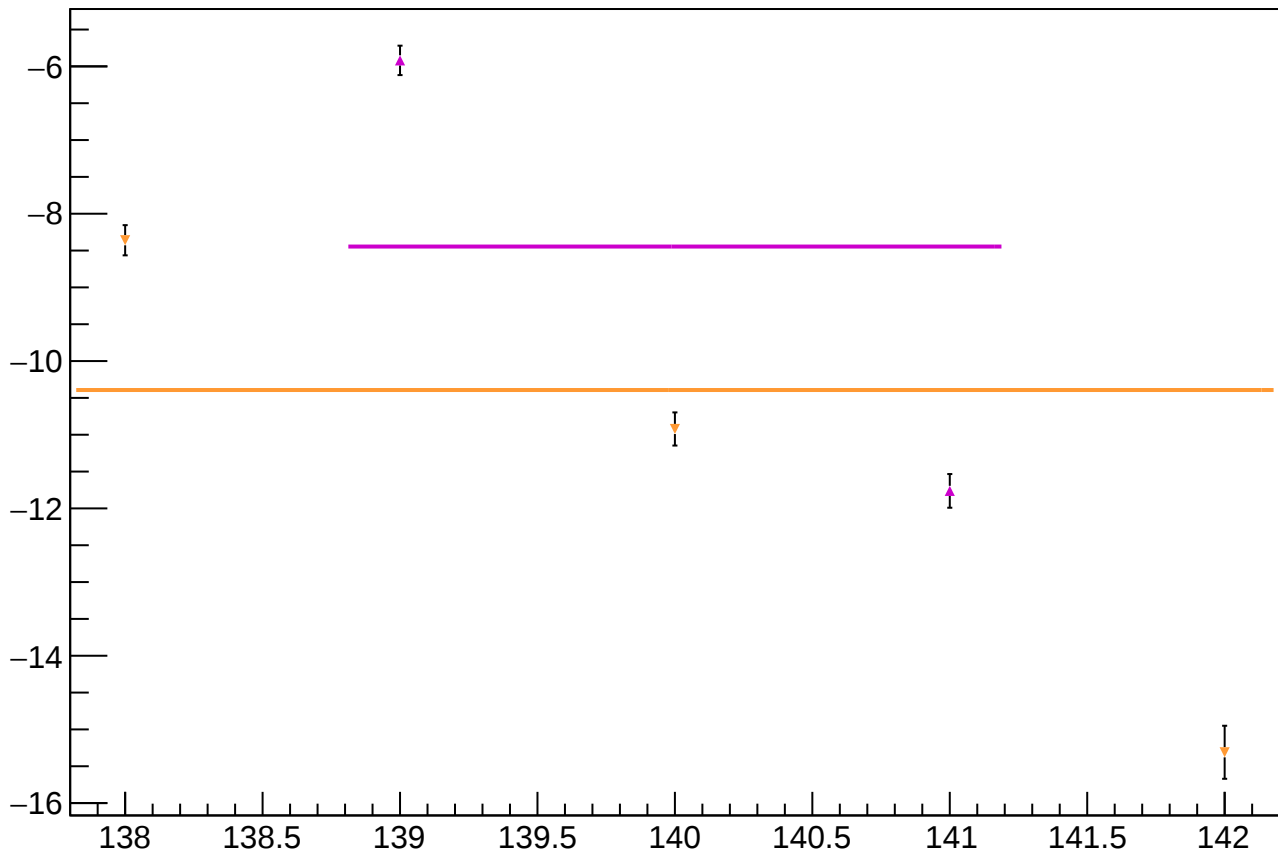
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.169 $\pm$ 0.003 χ^2 /NDF:818.3/18

Out: 0.193 $\pm$ 0.003 χ^2 /NDF:1188.3/21

All: 0.182 $\pm$ 0.002 χ^2 /NDF: 2034.7/40

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: -10.393+/-0.140 χ^2/NDF :290.5/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.446+/-0.150 χ^2/NDF :370.6/1

Left: -9.491+/-0.102 χ^2/NDF : 751.1/4

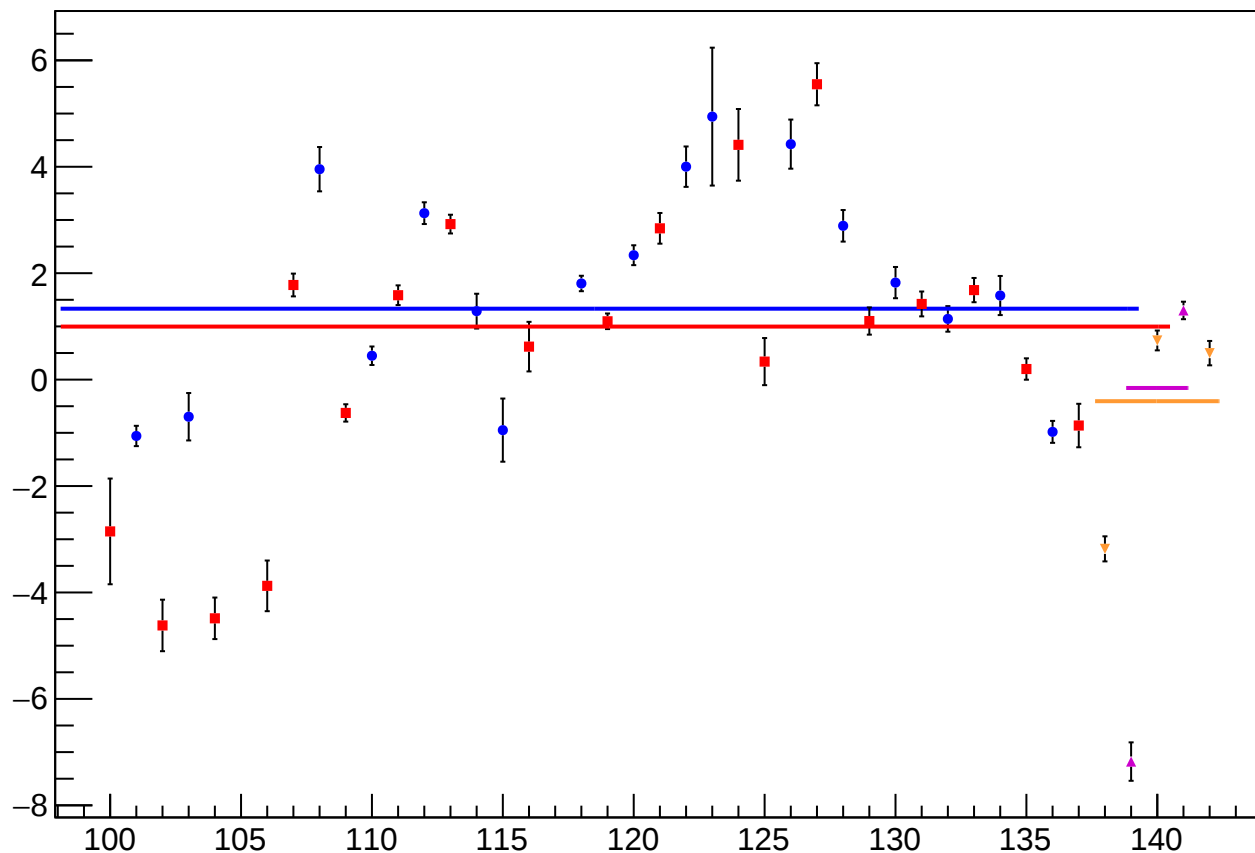
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.446+/-0.150 χ^2/NDF :370.6/1

Out: -10.393+/-0.140 χ^2/NDF :290.5/2

All: -9.491+/-0.102 χ^2/NDF : 751.1/4

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: -0.405 $\pm$ 0.123 χ^2 /NDF:191.8/2

Right Out: 0.997 $\pm$ 0.058 χ^2 /NDF: 945.3/18

Left In: -0.157 $\pm$ 0.150 χ^2 /NDF:456.4/1

Left: -0.305 $\pm$ 0.095 χ^2 /NDF: 649.9/4

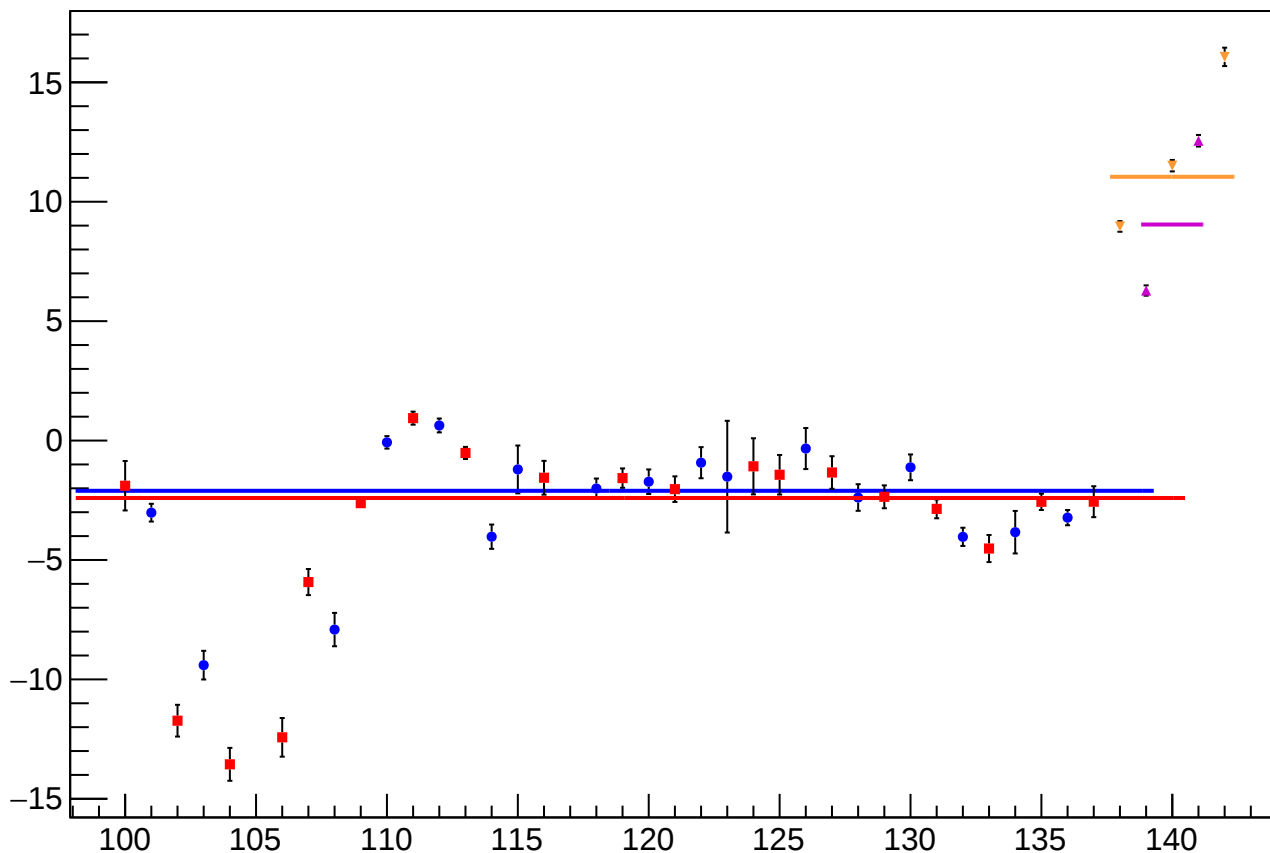
Right: 1.156 $\pm$ 0.042 χ^2 /NDF: 1595.8/35

In: 1.120 $\pm$ 0.057 χ^2 /NDF:1175.9/18

Out: 0.743 $\pm$ 0.052 χ^2 /NDF:1243.1/21

All: 0.917 $\pm$ 0.038 χ^2 /NDF: 2442.8/40

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: 11.044 ± 0.150 χ^2/NDF : 260.9/2

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 9.046 ± 0.161 χ^2/NDF : 371.8/1

Left: 10.117 ± 0.110 χ^2/NDF : 714.7/4

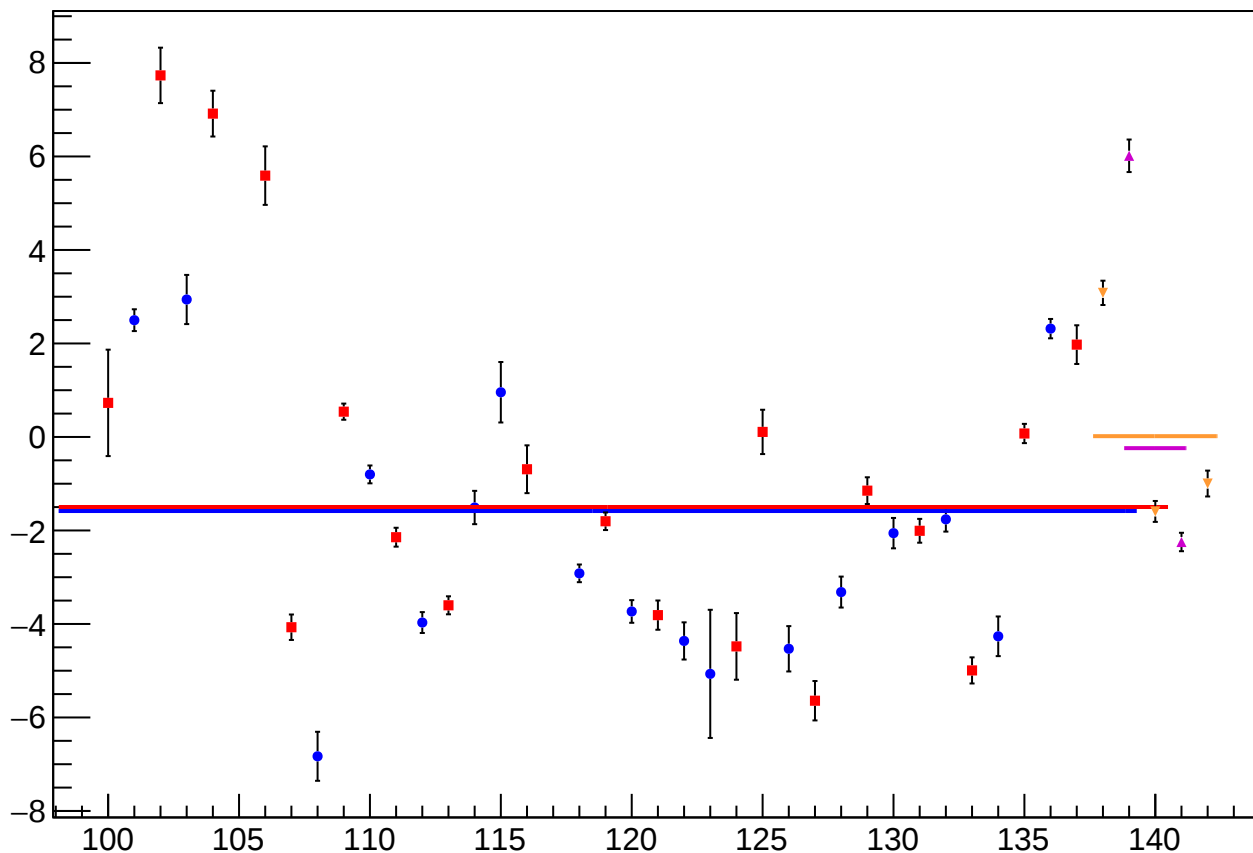
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 1.468 ± 0.091 χ^2/NDF : 4052.0/18

Out: 1.655 ± 0.083 χ^2/NDF : 6744.7/21

All: 1.571 ± 0.061 χ^2/NDF : 10799.0/40

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: 0.017 ± 0.145 χ^2/NDF : 204.3/2

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -0.239 ± 0.172 χ^2/NDF : 426.7/1

Left: -0.089 ± 0.111 χ^2/NDF : 632.3/4

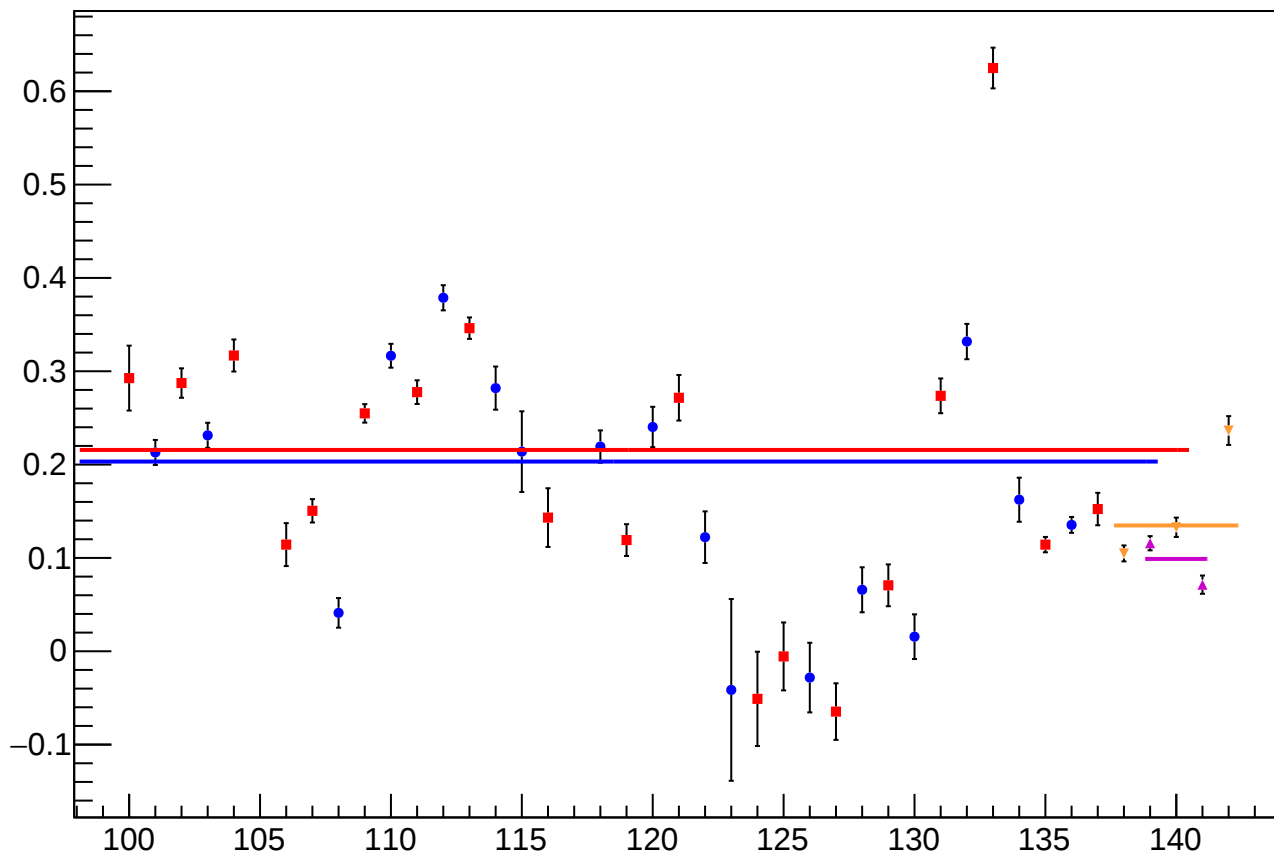
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.390 ± 0.065 χ^2/NDF : 1751.5/18

Out: -1.240 ± 0.060 χ^2/NDF : 1799.1/21

All: -1.308 ± 0.044 χ^2/NDF : 3553.5/40

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: 0.135 $\pm$ 0.006 χ^2 /NDF:55.8/2

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.099 $\pm$ 0.006 χ^2 /NDF:12.8/1

Left: 0.117 $\pm$ 0.004 χ^2 /NDF: 86.3/4

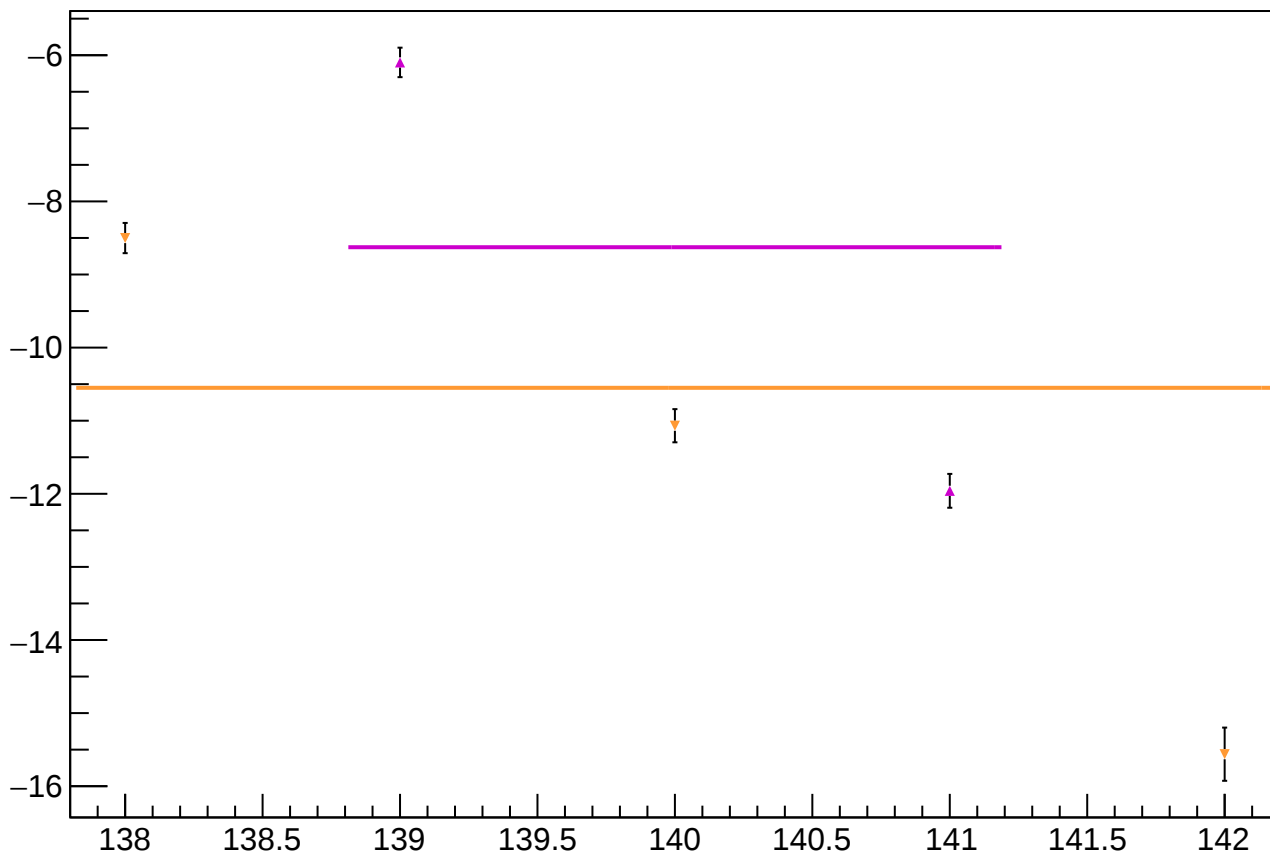
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.170 $\pm$ 0.003 χ^2 /NDF:850.1/18

Out: 0.194 $\pm$ 0.003 χ^2 /NDF:1224.0/21

All: 0.183 $\pm$ 0.002 χ^2 /NDF: 2101.2/40

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: -10.550+/-0.141 χ^2/NDF : 293.1/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.627+/-0.152 χ^2/NDF : 364.3/1

Left: -9.661+/-0.103 χ^2/NDF : 743.5/4

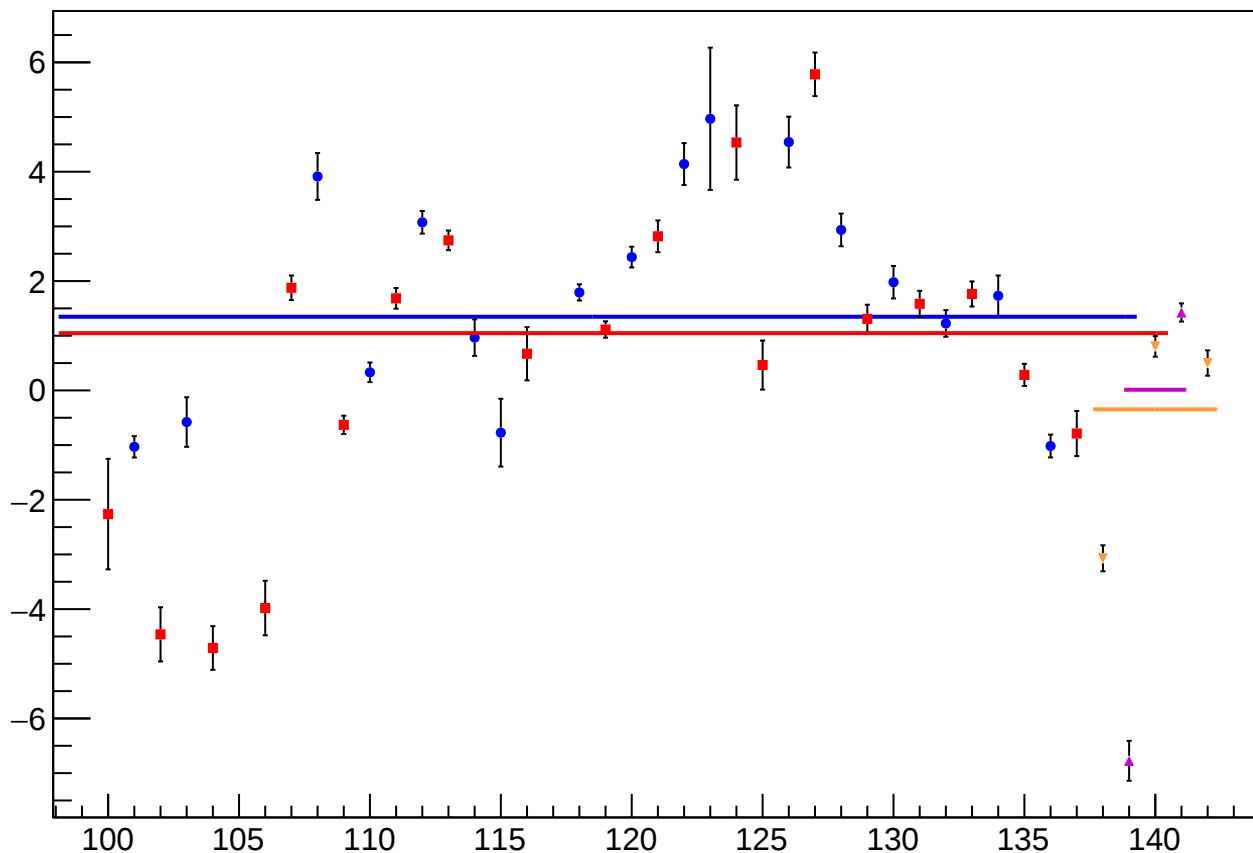
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.627+/-0.152 χ^2/NDF : 364.3/1

Out: -10.550+/-0.141 χ^2/NDF : 293.1/2

All: -9.661+/-0.103 χ^2/NDF : 743.5/4

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 $\chi^2/\text{NDF}: 630.1/16$

Left Out: -0.346 ± 0.124 $\chi^2/\text{NDF}: 182.4/2$

Right Out: 1.047 ± 0.059 $\chi^2/\text{NDF}: 916.0/18$

Left In: 0.012 ± 0.151 $\chi^2/\text{NDF}: 418.2/1$

Left: -0.202 ± 0.096 $\chi^2/\text{NDF}: 603.9/4$

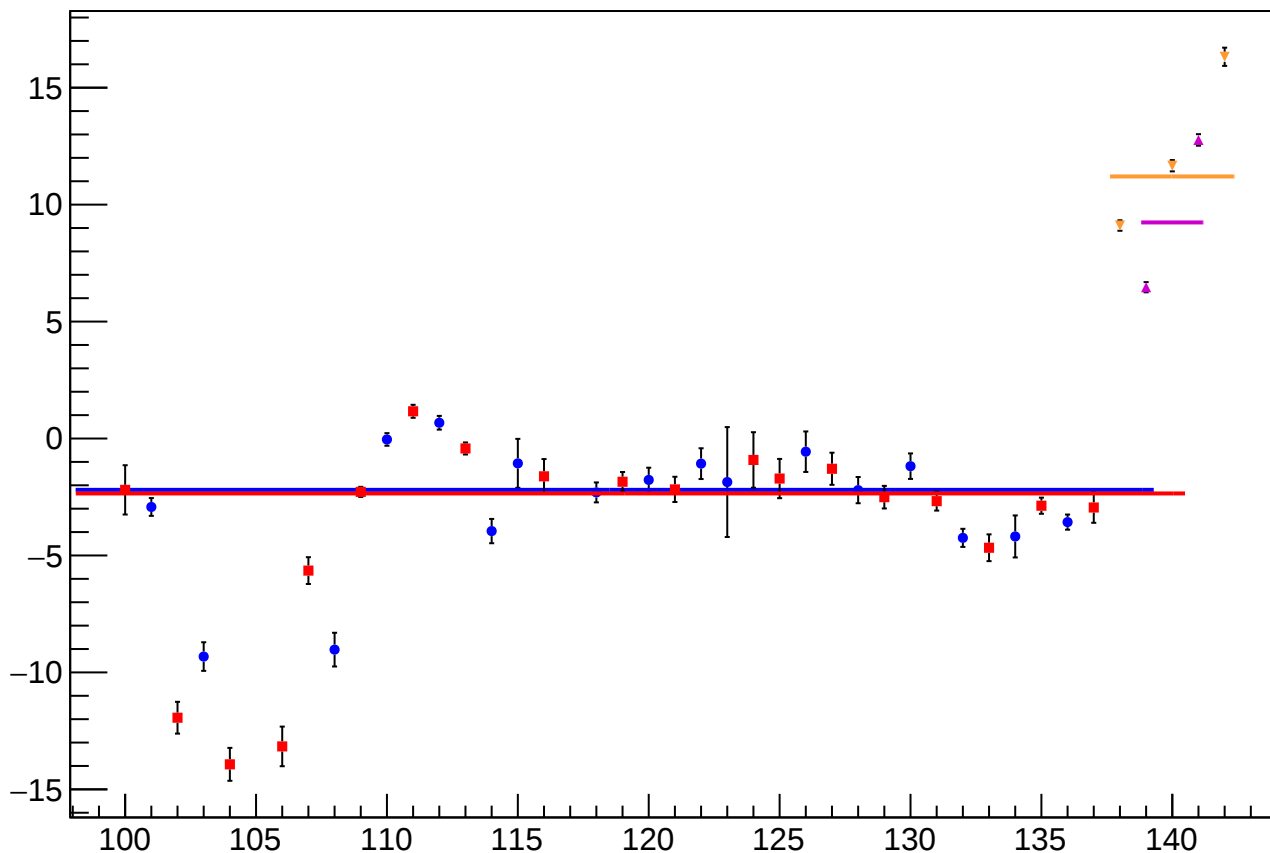
Right: 1.190 ± 0.043 $\chi^2/\text{NDF}: 1558.3/35$

In: 1.154 ± 0.058 $\chi^2/\text{NDF}: 1114.7/18$

Out: 0.790 ± 0.053 $\chi^2/\text{NDF}: 1200.7/21$

All: 0.959 ± 0.039 $\chi^2/\text{NDF}: 2336.9/40$

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: 11.205 ± 0.152 $\chi^2/\text{NDF}: 263.6/2$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 9.239 ± 0.163 $\chi^2/\text{NDF}: 366.4/1$

Left: 10.295 ± 0.111 $\chi^2/\text{NDF}: 707.8/4$

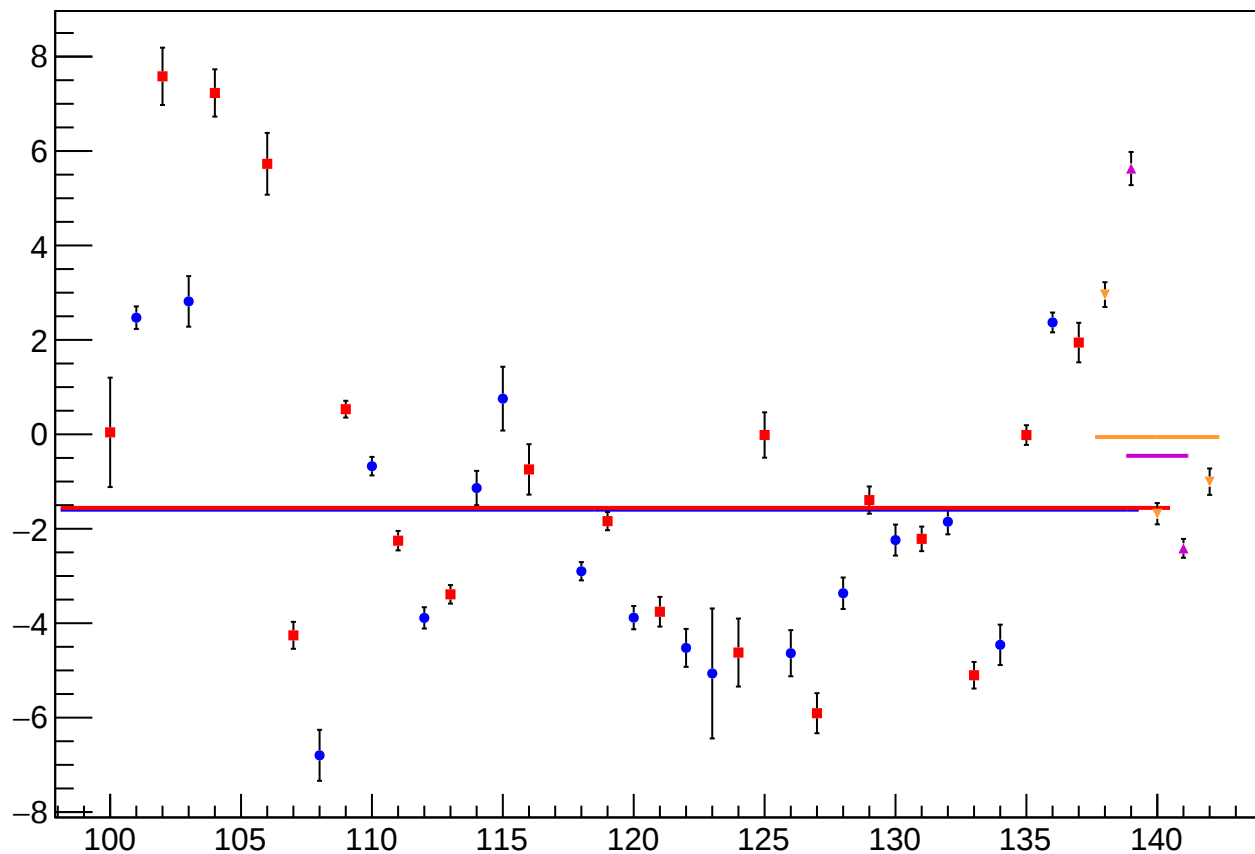
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 1.501 ± 0.093 $\chi^2/\text{NDF}: 4147.5/18$

Out: 1.811 ± 0.084 $\chi^2/\text{NDF}: 6712.4/21$

All: 1.672 ± 0.062 $\chi^2/\text{NDF}: 10866.0/40$

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: -0.057 ± 0.146 χ^2/NDF : 195.7/2

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -0.455 ± 0.174 χ^2/NDF : 396.0/1

Left: -0.222 ± 0.112 χ^2/NDF : 594.8/4

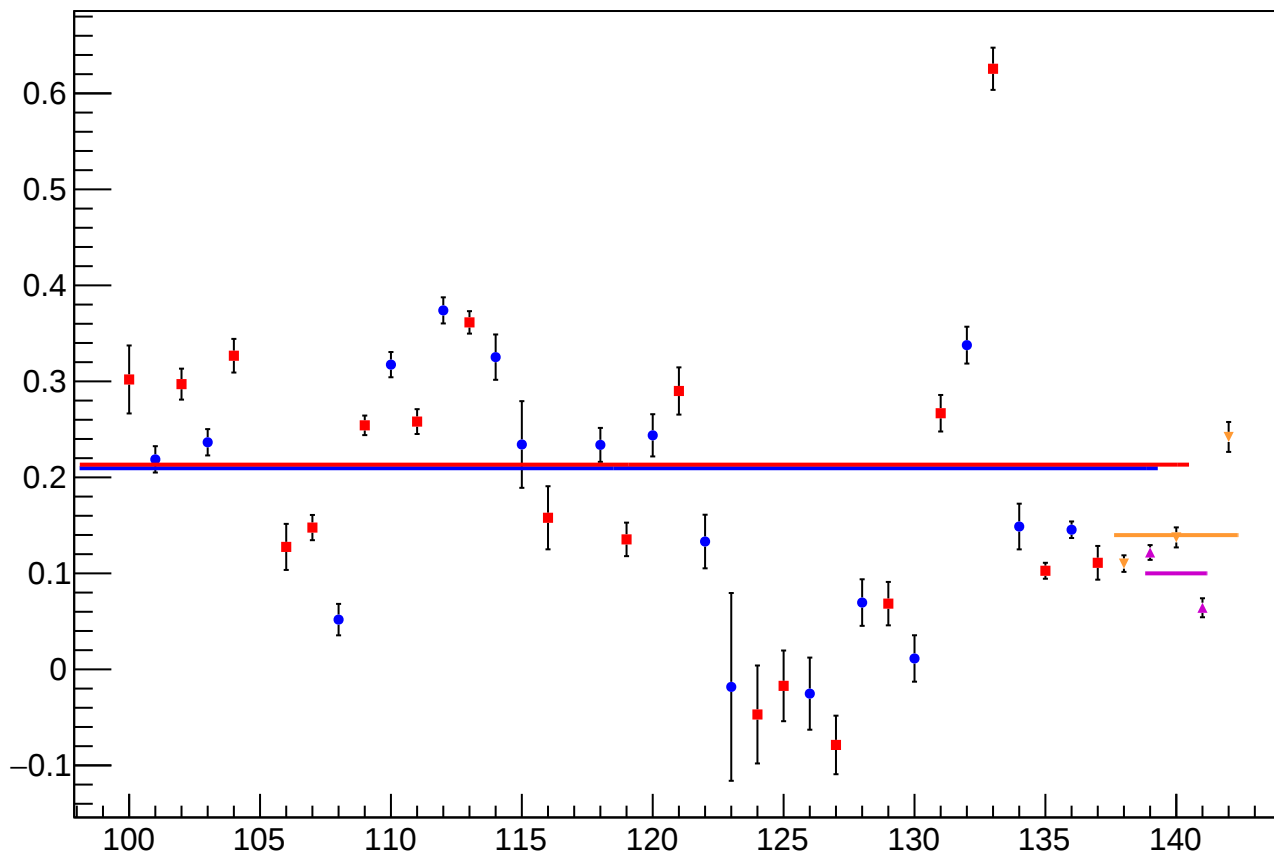
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.429 ± 0.066 χ^2/NDF : 1688.3/18

Out: -1.298 ± 0.061 χ^2/NDF : 1746.9/21

All: -1.358 ± 0.045 χ^2/NDF : 3437.3/40

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: 0.140 $\pm$ 0.006 χ^2 /NDF:54.9/2

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.100 $\pm$ 0.006 χ^2 /NDF:21.1/1

Left: 0.120 $\pm$ 0.004 χ^2 /NDF: 97.4/4

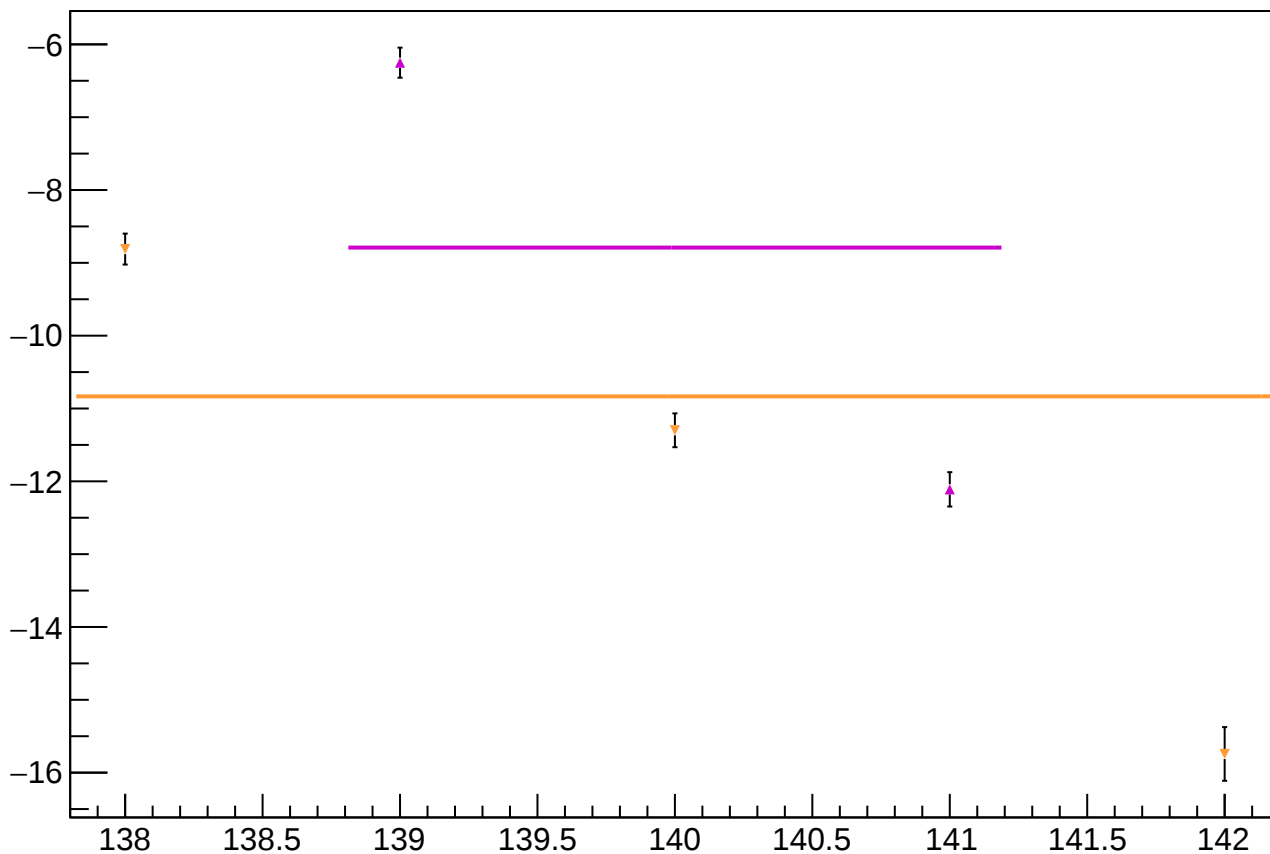
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.174 $\pm$ 0.003 χ^2 /NDF:838.3/18

Out: 0.193 $\pm$ 0.003 χ^2 /NDF:1262.8/21

All: 0.184 $\pm$ 0.002 χ^2 /NDF: 2117.6/40

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: -10.833+/-0.144 χ^2/NDF : 271.9/2

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.790+/-0.155 χ^2/NDF : 349.6/1

Left: -9.887+/-0.106 χ^2/NDF : 714.3/4

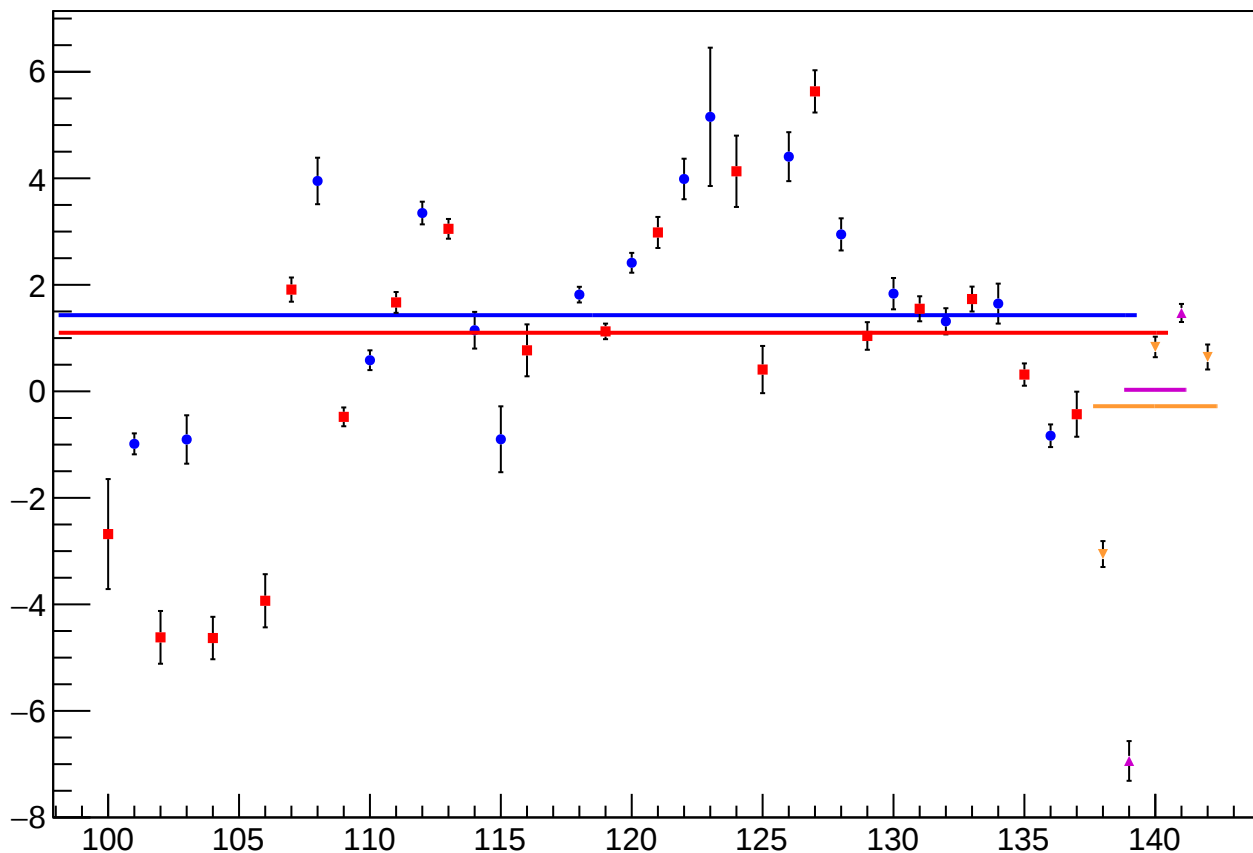
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.790+/-0.155 χ^2/NDF : 349.6/1

Out: -10.833+/-0.144 χ^2/NDF : 271.9/2

All: -9.887+/-0.106 χ^2/NDF : 714.3/4

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: -0.279 ± 0.127 χ^2/NDF : 178.9/2

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 0.029 ± 0.154 χ^2/NDF : 421.4/1

Left: -0.155 ± 0.098 χ^2/NDF : 602.7/4

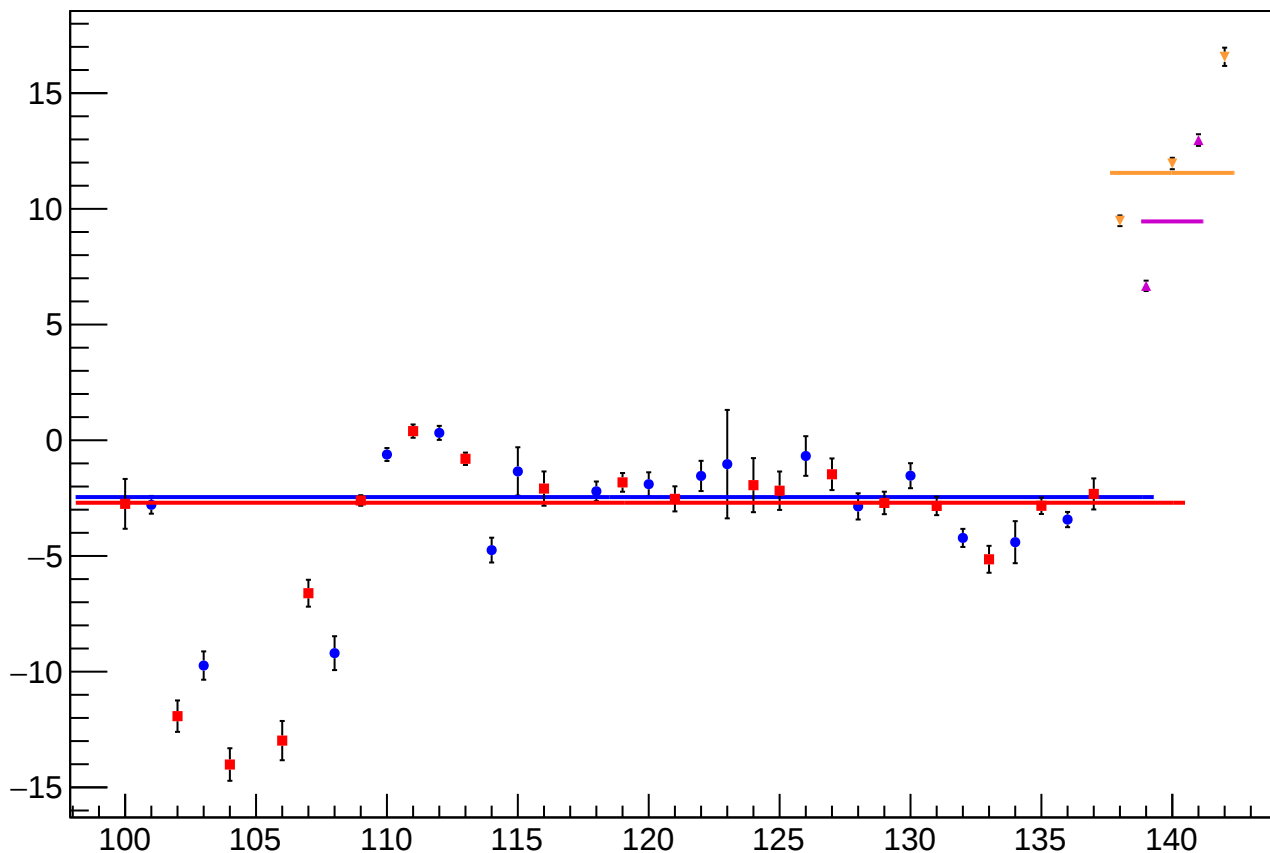
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.231 ± 0.058 χ^2/NDF : 1090.1/18

Out: 0.849 ± 0.054 χ^2/NDF : 1176.3/21

All: 1.026 ± 0.040 χ^2/NDF : 2289.6/40

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 $\chi^2/\text{NDF}: 419.1/16$

Left Out: 11.555 ± 0.155 $\chi^2/\text{NDF}: 244.7/2$

Right Out: -2.700 ± 0.103 $\chi^2/\text{NDF}: 829.7/18$

Left In: 9.457 ± 0.167 $\chi^2/\text{NDF}: 352.0/1$

Left: 10.581 ± 0.114 $\chi^2/\text{NDF}: 681.5/4$

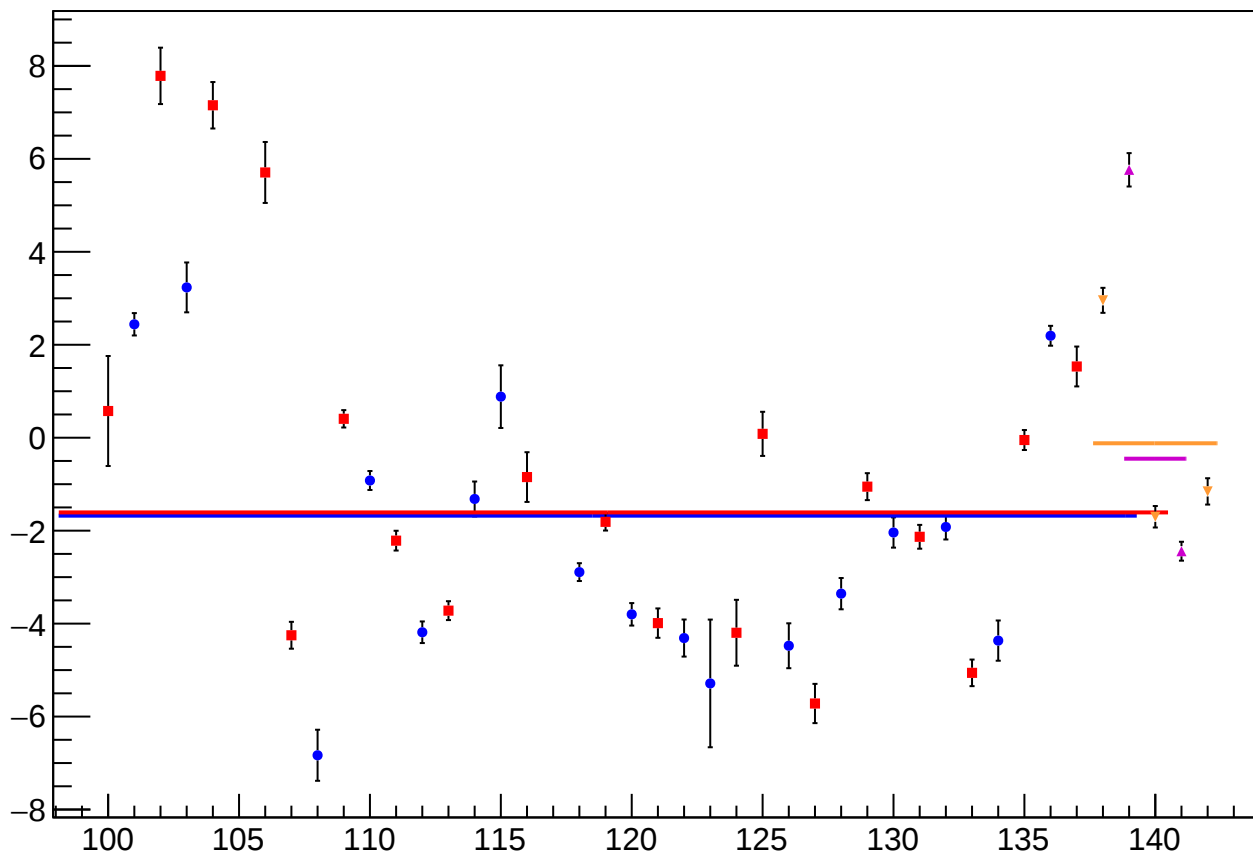
Right: -2.591 ± 0.077 $\chi^2/\text{NDF}: 1251.4/35$

In: 1.364 ± 0.094 $\chi^2/\text{NDF}: 4238.6/18$

Out: 1.663 ± 0.086 $\chi^2/\text{NDF}: 6927.6/21$

All: 1.528 ± 0.064 $\chi^2/\text{NDF}: 11171.8/40$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -0.120 ± 0.149 $\chi^2/\text{NDF}: 191.0/2$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -0.452 ± 0.177 $\chi^2/\text{NDF}: 395.1/1$

Left: -0.257 ± 0.114 $\chi^2/\text{NDF}: 588.2/4$

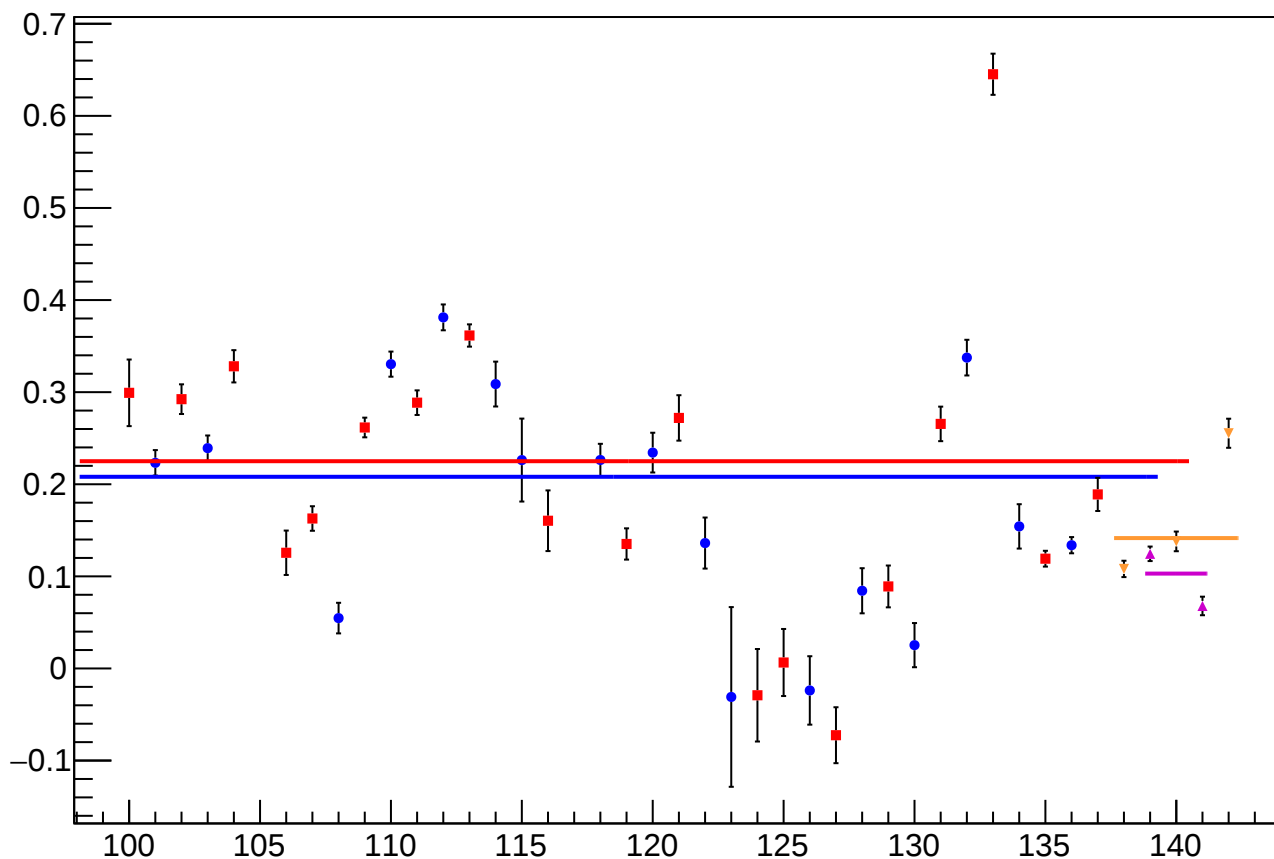
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -1.501 ± 0.067 $\chi^2/\text{NDF}: 1640.9/18$

Out: -1.352 ± 0.062 $\chi^2/\text{NDF}: 1704.2/21$

All: -1.420 ± 0.045 $\chi^2/\text{NDF}: 3347.9/40$

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: 0.142+/-0.006 χ^2/NDF : 66.3/2

Right Out: 0.225+/-0.004 χ^2/NDF : 1000.0/18

Left In: 0.103+/-0.006 χ^2/NDF : 19.6/1

Left: 0.122+/-0.004 χ^2/NDF : 105.0/4

Right: 0.217+/-0.003 χ^2/NDF : 1609.0/35

In: 0.174+/-0.004 χ^2/NDF : 814.7/18

Out: 0.202+/-0.003 χ^2/NDF : 1195.4/21

All: 0.189+/-0.002 χ^2/NDF : 2044.0/40