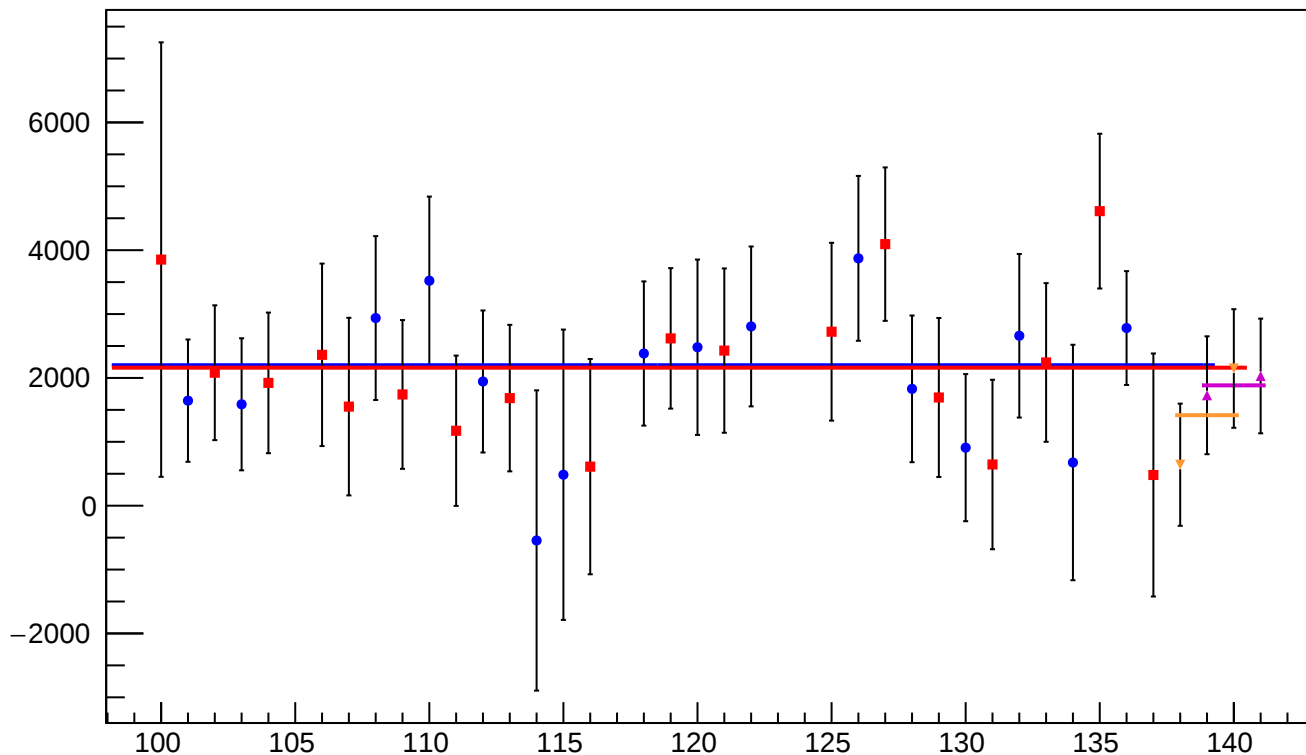


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1416.875+/-666.256

Right Out: 2160.742+/-303.587

Left In: 1883.851+/-643.493

χ^2/NDF : 8.6/15

χ^2/NDF : 1.3/1

χ^2/NDF : 11.7/17

χ^2/NDF : 0.1/1

Left: 1658.476+/-462.856

Right: 2179.612+/-215.784

In: 2140.543+/-276.910

Out: 2032.849+/-276.259

All: 2086.569+/-195.575

χ^2/NDF : 1.6/3

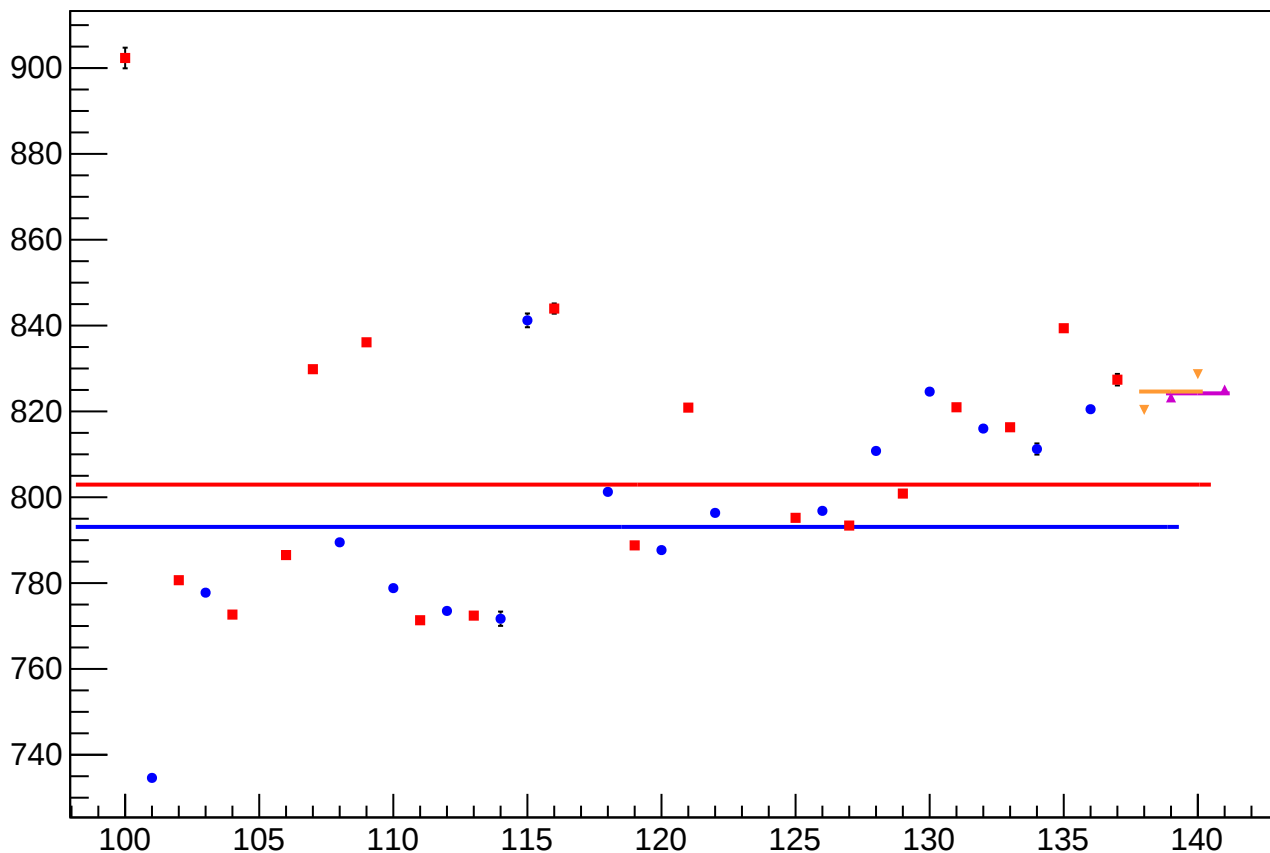
χ^2/NDF : 20.3/33

χ^2/NDF : 8.8/17

χ^2/NDF : 14.0/19

χ^2/NDF : 22.9/37

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 824.632+/-0.471 χ^2/NDF : 77.9/1

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: 824.413+/-0.327 χ^2/NDF : 82.4/3

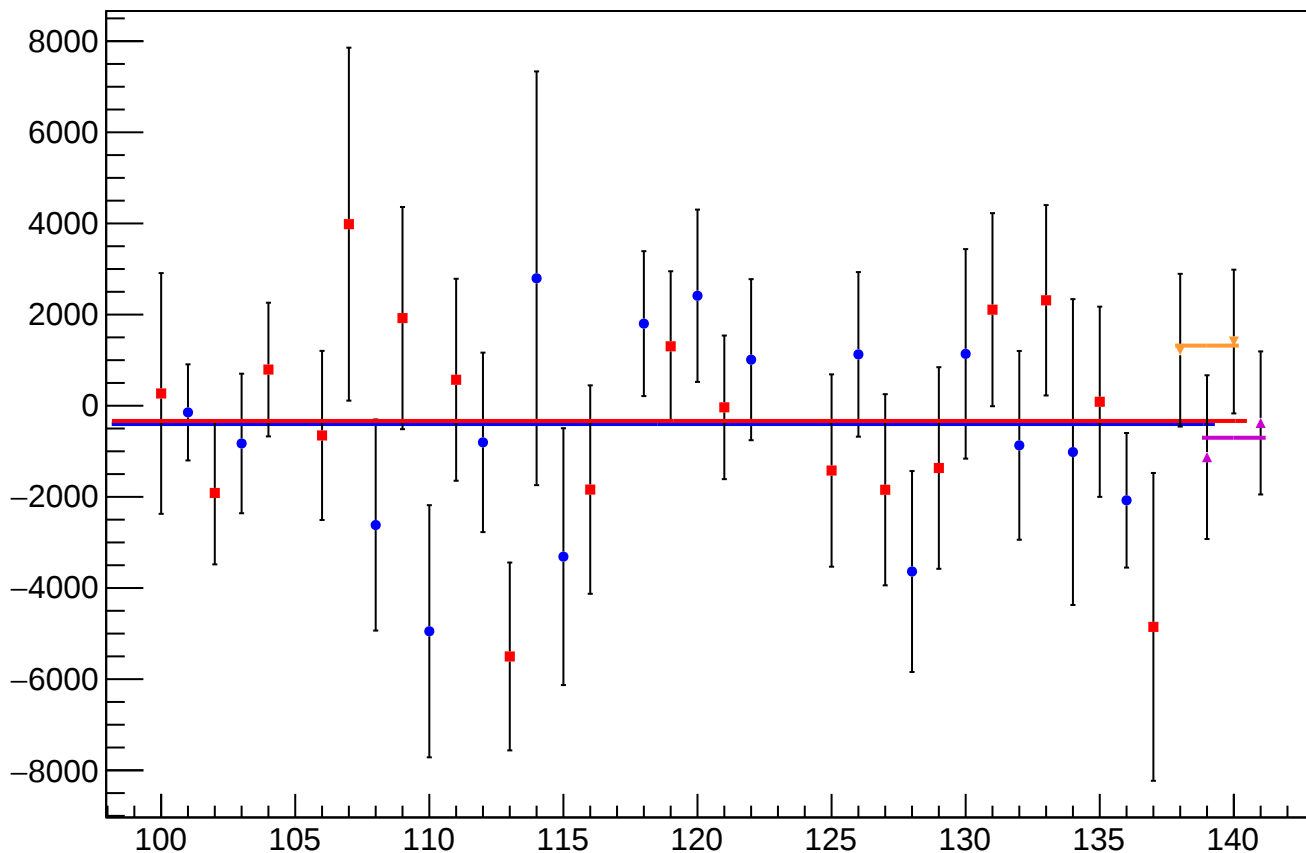
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

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

Out: 806.675+/-0.195 χ^2/NDF : 16278.1/19

All: 802.773+/-0.138 χ^2/NDF : 35595.7/37

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1319.300+/-1148.356 χ^2/NDF : 0.0/1

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

Left In: -702.480+/-1182.107 χ^2/NDF : 0.1/1

Left: 337.684+/-823.684 χ^2/NDF : 1.6/3

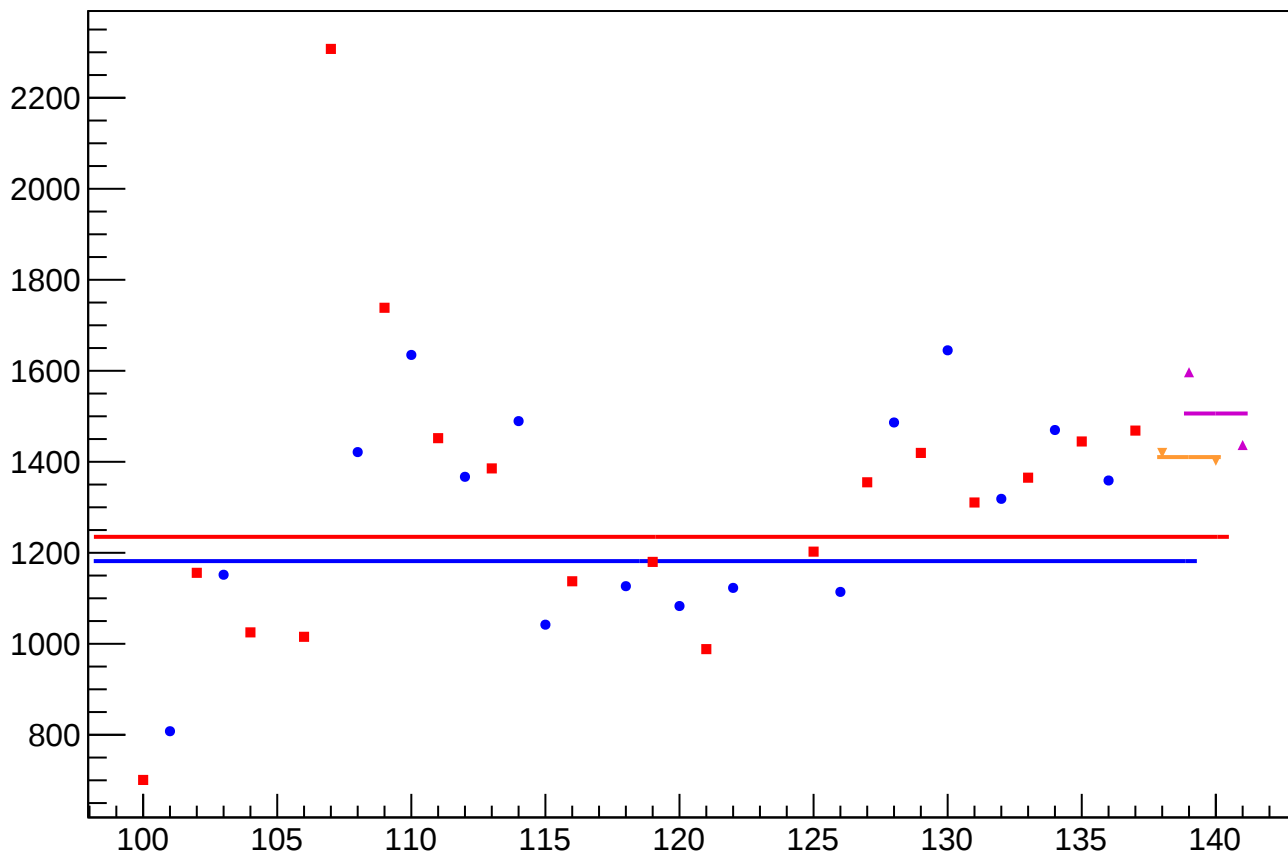
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

In: -442.353+/-435.677 χ^2/NDF : 15.0/17

Out: -89.433+/-441.671 χ^2/NDF : 19.2/19

All: -268.304+/-310.168 χ^2/NDF : 34.5/37

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1410.373+/-0.812 χ^2/NDF : 111.8/1

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

Left In: 1506.155+/-0.836 χ^2/NDF : 8987.1/1

Left: 1456.877+/-0.582 χ^2/NDF : 15854.3/3

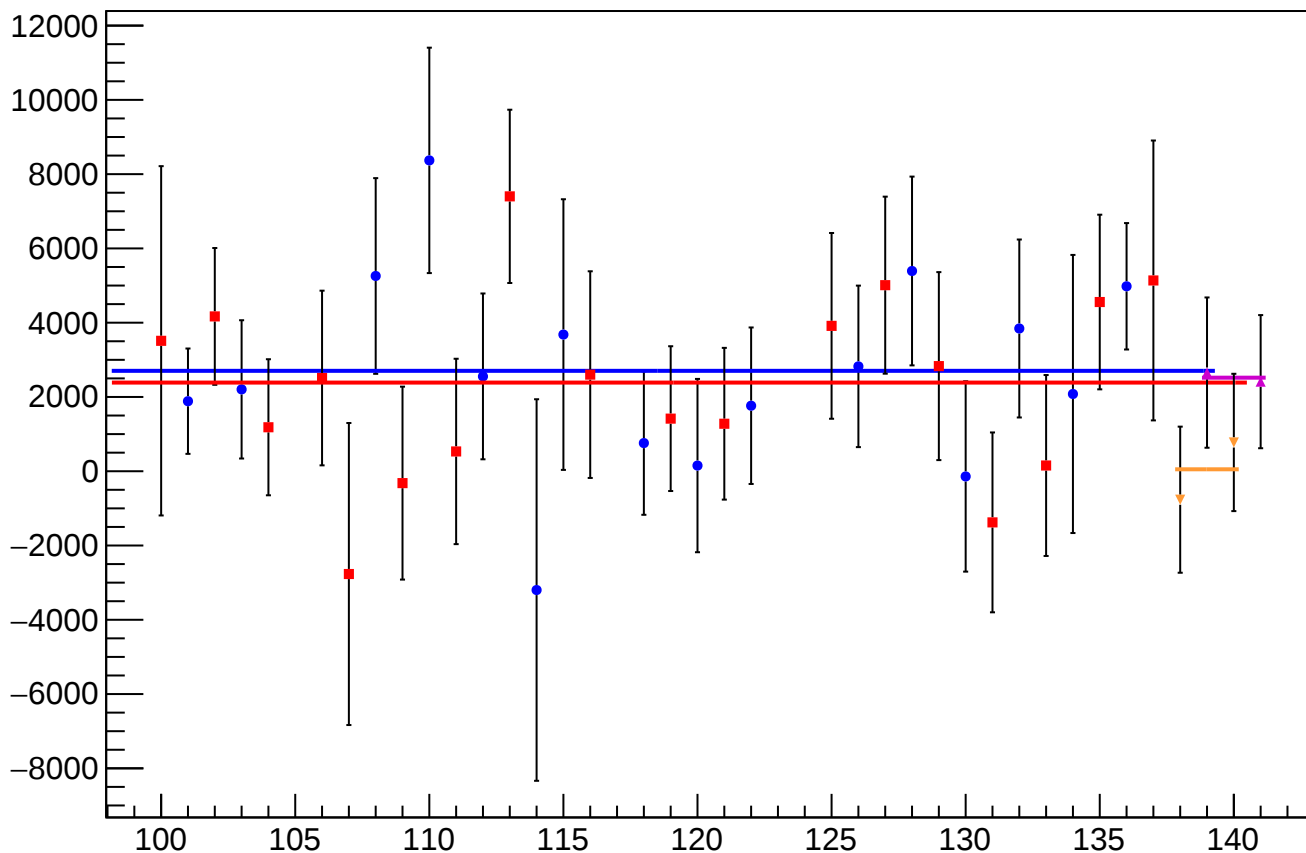
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

In: 1225.830+/-0.308 χ^2/NDF : 682630.0/17

Out: 1261.022+/-0.312 χ^2/NDF : 580066.2/19

All: 1243.186+/-0.219 χ^2/NDF : 1269131.5/37

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 52.218 $\pm$ 1347.118 χ^2 /NDF:0.3/1

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

Left In: 2519.408 $\pm$ 1341.818 χ^2 /NDF:0.0/1

Left: 1290.675 $\pm$ 950.677 χ^2 /NDF: 2.0/3

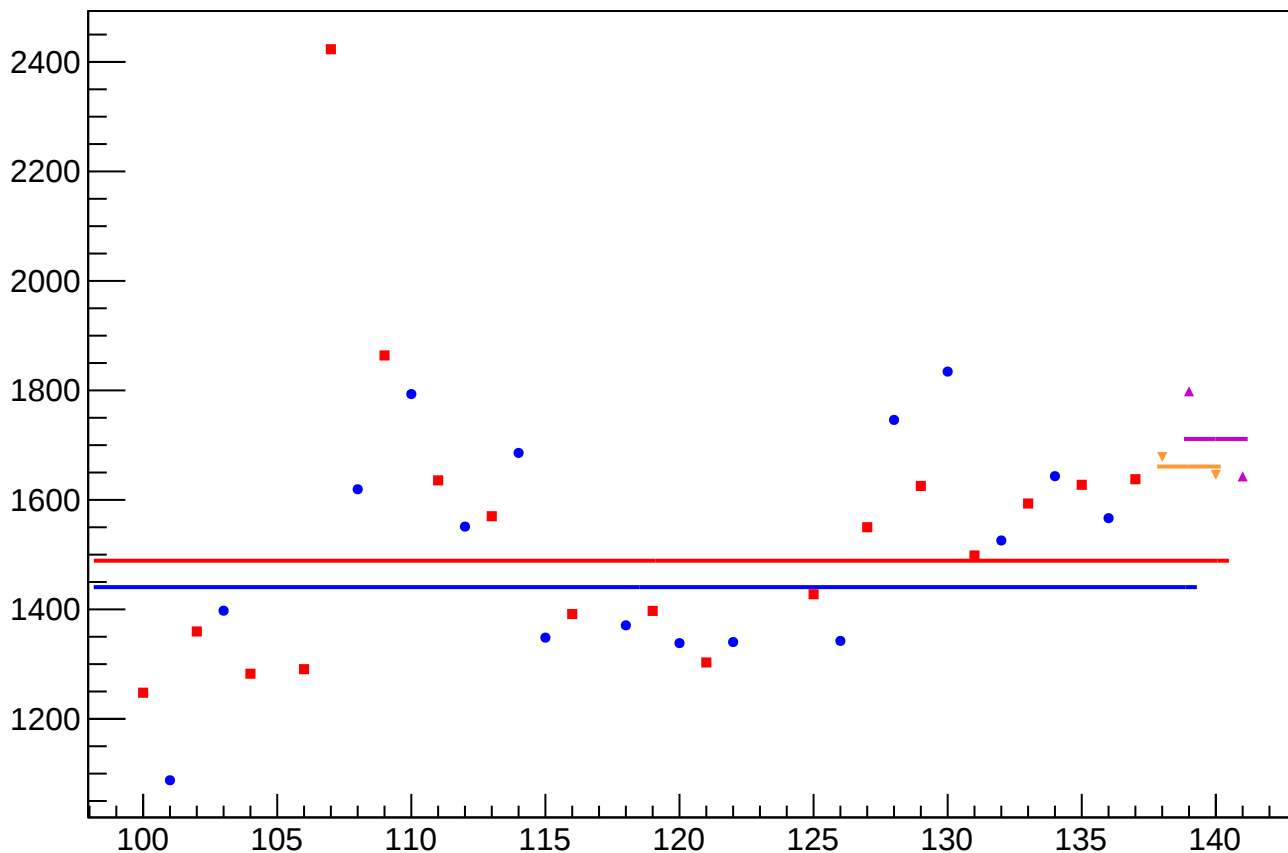
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2675.978 $\pm$ 520.334 χ^2 /NDF:13.1/17

Out: 2033.531 $\pm$ 524.367 χ^2 /NDF:19.0/19

All: 2357.235 $\pm$ 369.349 χ^2 /NDF: 32.8/37

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653+/-0.399 χ^2/NDF : 282262.6/15

Left Out: 1660.906+/-0.953 χ^2/NDF : 291.1/1

Right Out: 1488.944+/-0.403 χ^2/NDF : 256842.6/17

Left In: 1711.318+/-0.949 χ^2/NDF : 6614.0/1

Left: 1686.212+/-0.672 χ^2/NDF : 8311.0/3

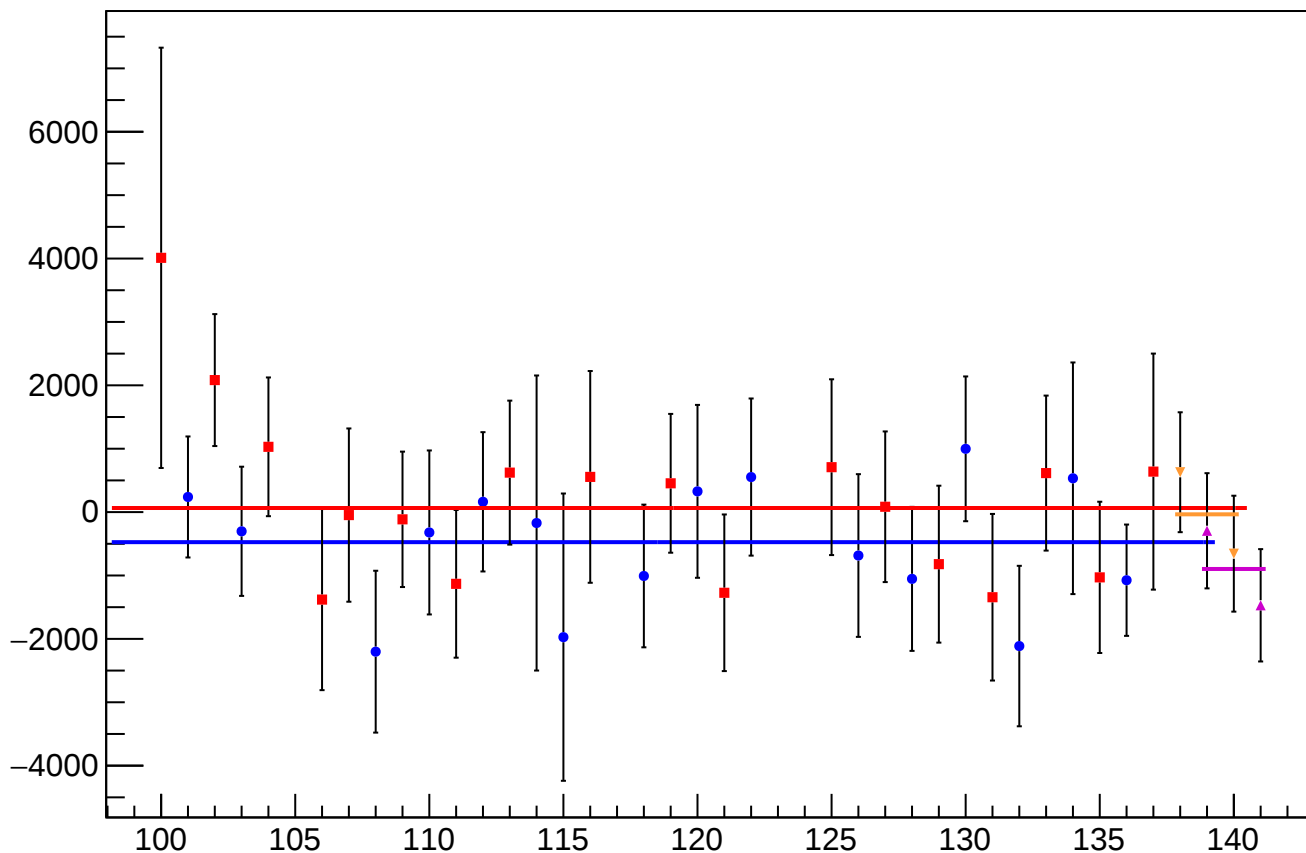
Right: 1464.596+/-0.283 χ^2/NDF : 546361.9/33

In: 1481.354+/-0.368 χ^2/NDF : 358017.8/17

Out: 1514.999+/-0.371 χ^2/NDF : 284785.7/19

All: 1498.047+/-0.261 χ^2/NDF : 646952.2/37

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -35.099+/-657.362 χ^2/NDF :1.0/1

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: -481.452+/-456.505 χ^2/NDF : 2.7/3

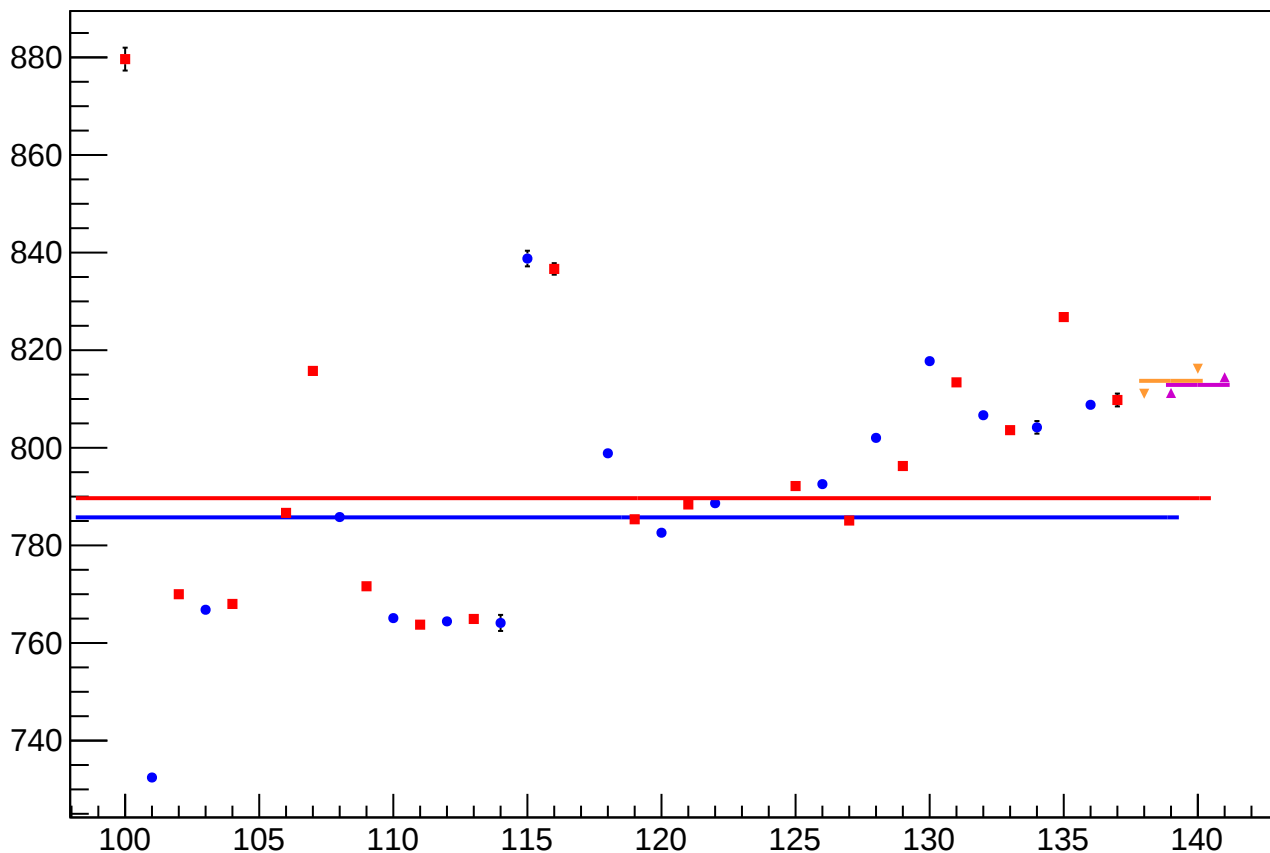
Right: -199.789+/-212.921 χ^2/NDF : 23.2/33

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

Out: 47.637+/-271.712 χ^2/NDF :13.7/19

All: -250.115+/-192.964 χ^2/NDF : 26.2/37

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 813.722 $\pm$ 0.465 χ^2 /NDF:30.4/1

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

Left In: 812.887 $\pm$ 0.449 χ^2 /NDF:12.8/1

Left: 813.290 $\pm$ 0.323 χ^2 /NDF: 44.8/3

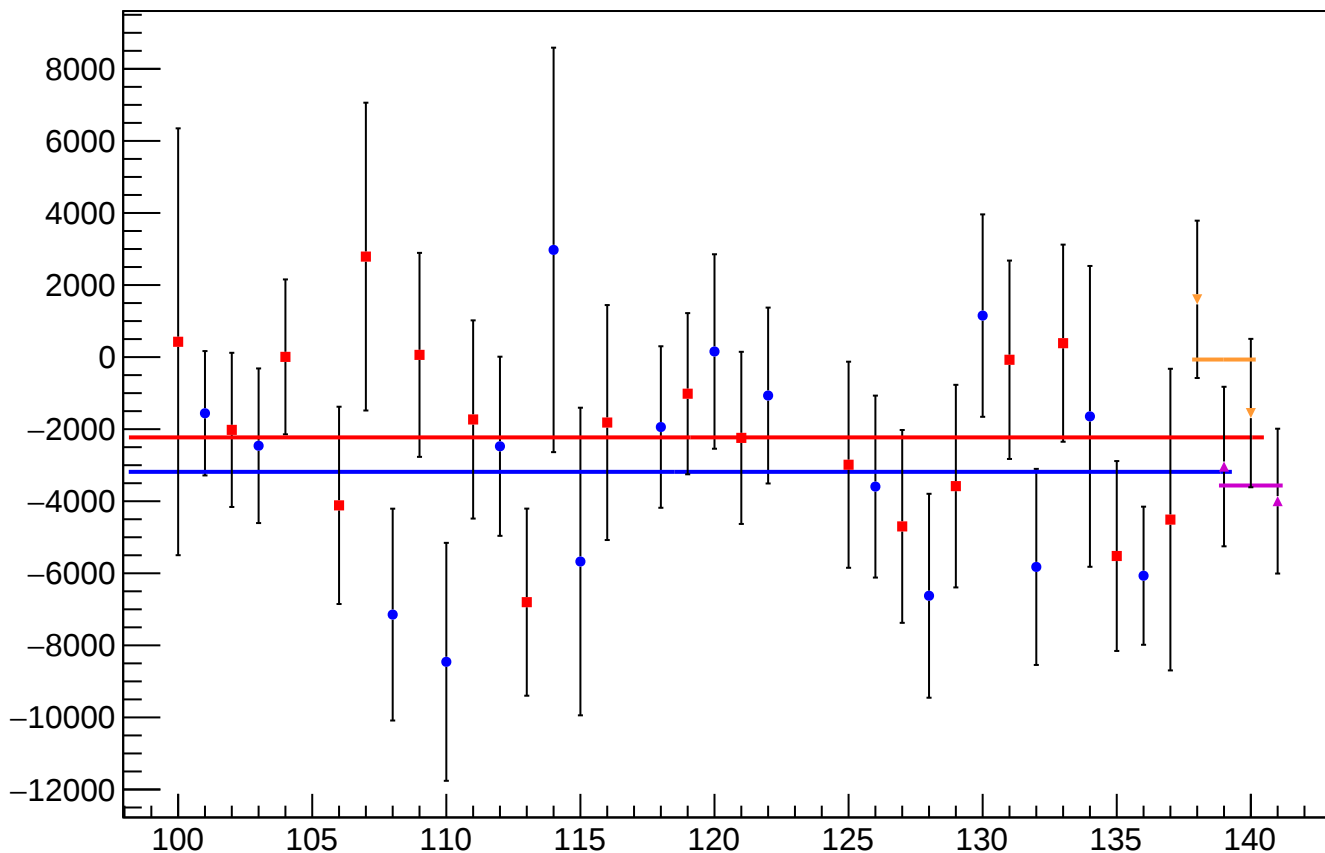
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 790.811 $\pm$ 0.194 χ^2 /NDF:16911.5/17

Out: 793.783 $\pm$ 0.192 χ^2 /NDF:13259.4/19

All: 792.310 $\pm$ 0.136 χ^2 /NDF: 30289.5/37

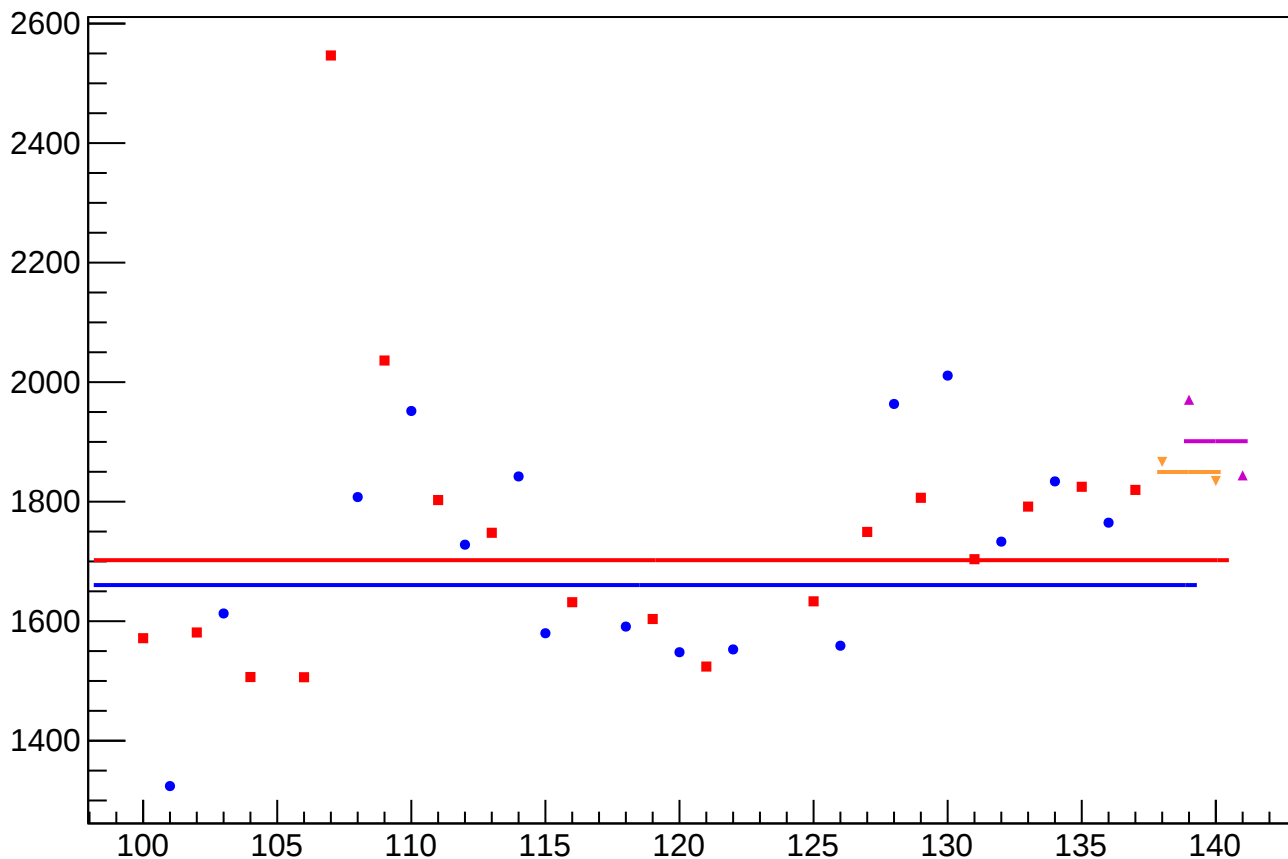
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -67.519 ± 1498.106 $\chi^2/\text{NDF}: 1.1/1$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -3563.521 ± 1488.118 $\chi^2/\text{NDF}: 0.1/1$

Left: -1827.213 ± 1055.772 $\chi^2/\text{NDF}: 4.0/3$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -3244.832 ± 593.624 $\chi^2/\text{NDF}: 17.0/17$
 Out: -1887.530 ± 594.781 $\chi^2/\text{NDF}: 14.6/19$
 All: -2567.502 ± 420.164 $\chi^2/\text{NDF}: 34.2/37$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1849.656+/-1.059 χ^2/NDF : 226.2/1

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: 1875.593+/-0.747 χ^2/NDF : 4997.6/3

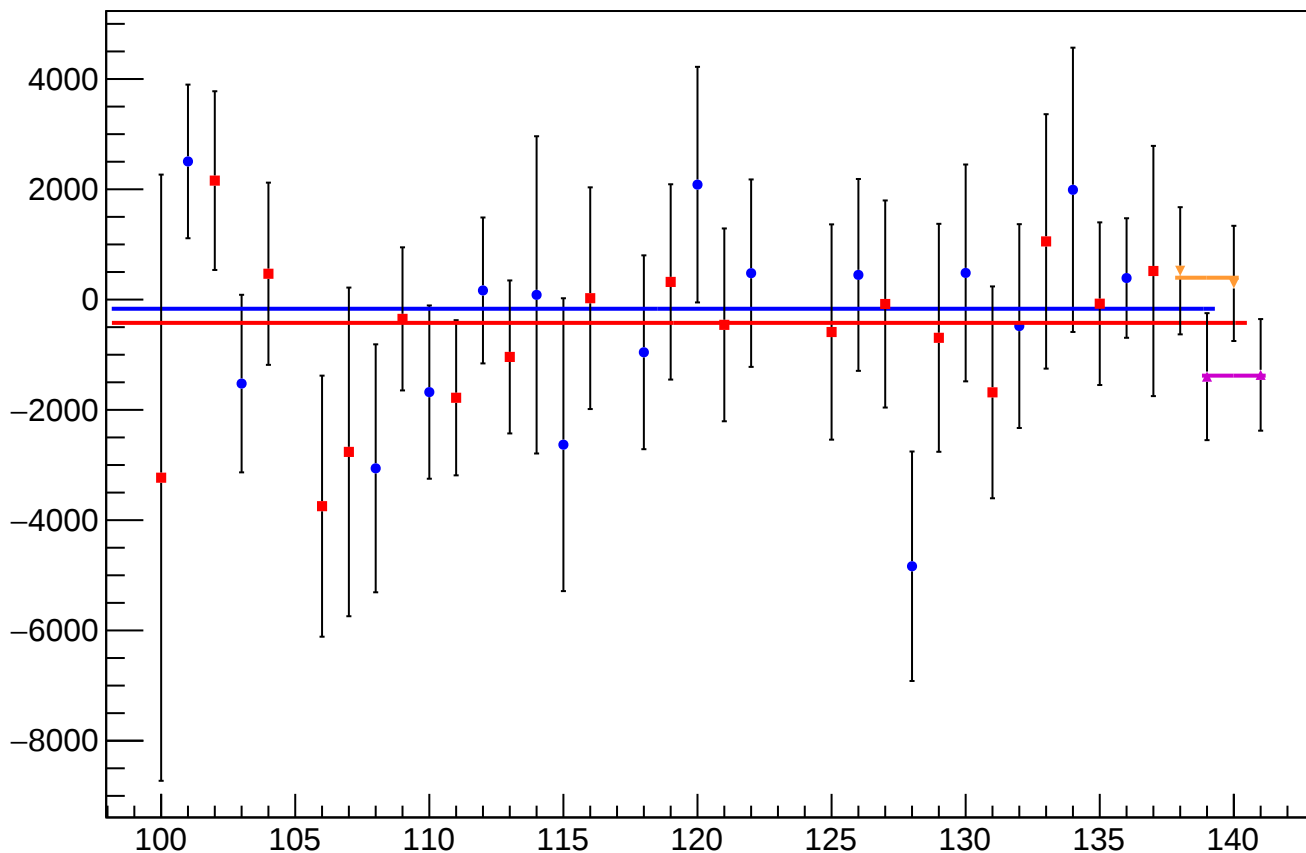
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

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

Out: 1725.357+/-0.421 χ^2/NDF : 188579.3/19

All: 1712.037+/-0.297 χ^2/NDF : 417375.2/37

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 χ^2/NDF : 15.6/15

Left Out: 396.675 ± 774.176 χ^2/NDF : 0.0/1

Right Out: -422.359 ± 427.321 χ^2/NDF : 8.2/17

Left In: -1379.308 ± 760.204 χ^2/NDF : 0.0/1

Left: -507.487 ± 542.418 χ^2/NDF : 2.7/3

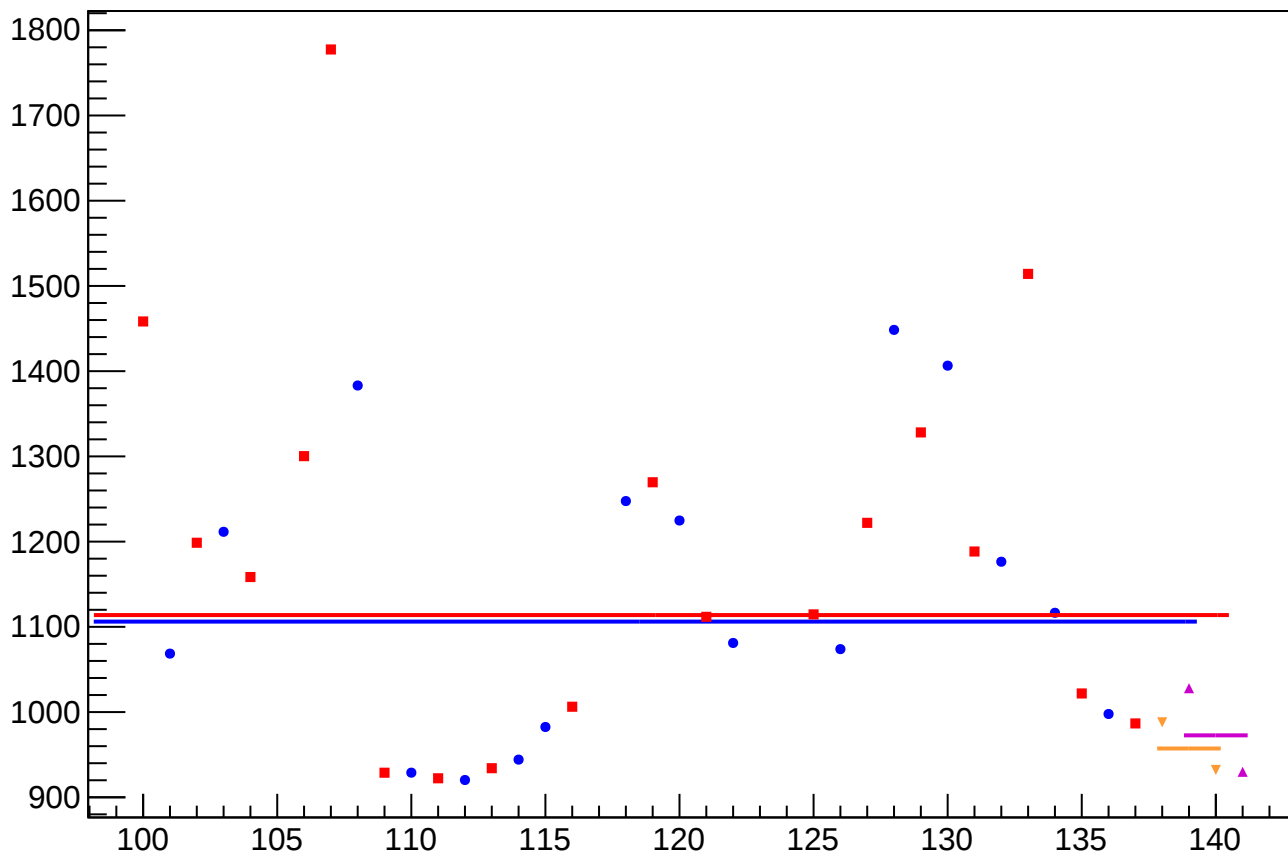
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -463.146 ± 376.038 χ^2/NDF : 17.5/17

Out: -231.096 ± 374.114 χ^2/NDF : 9.0/19

All: -346.526 ± 265.216 χ^2/NDF : 26.8/37

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 957.279+/-0.547 χ^2/NDF : 2580.5/1

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: 965.123+/-0.384 χ^2/NDF : 11167.2/3

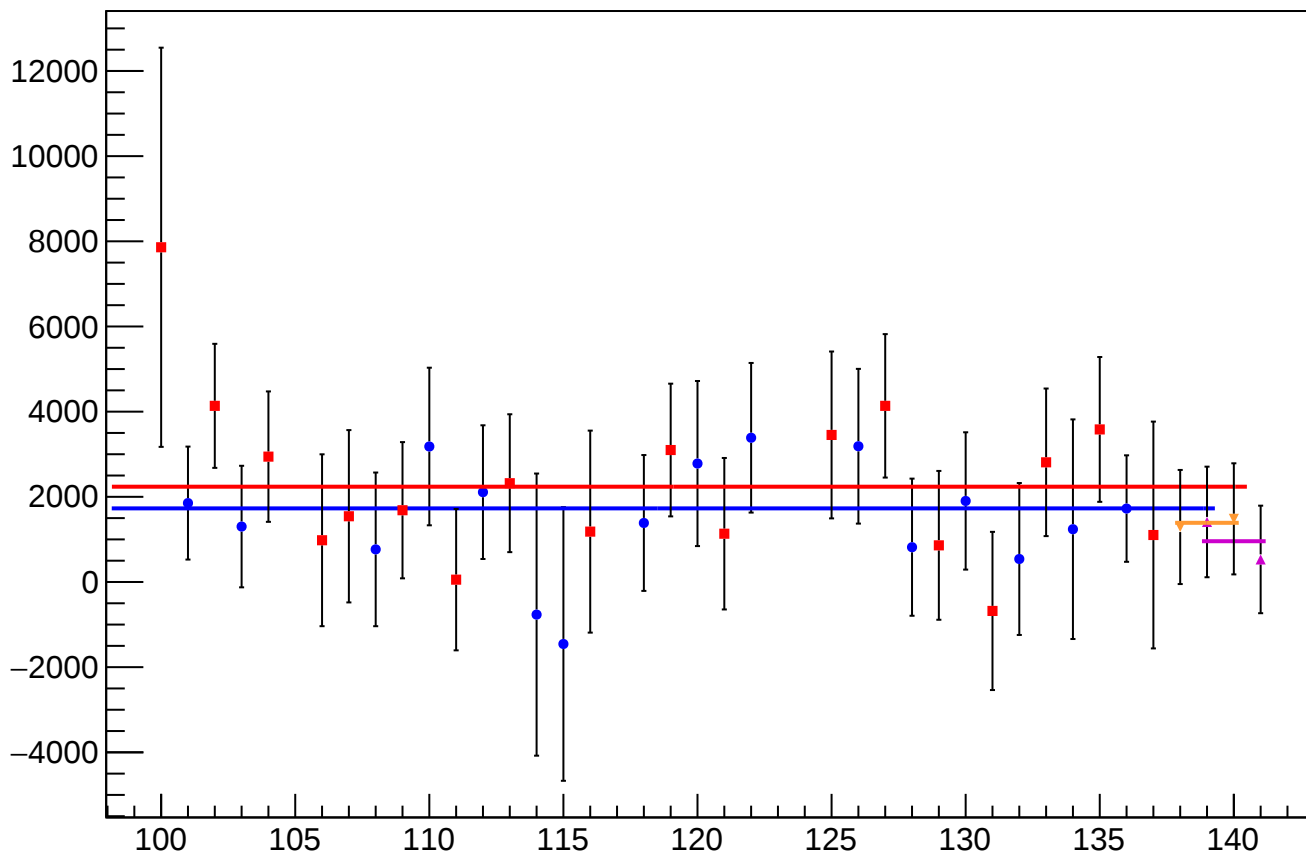
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

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

Out: 1077.265+/-0.265 χ^2/NDF : 429550.9/19

All: 1075.392+/-0.188 χ^2/NDF : 744320.1/37

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1389.510 $\pm$ 934.634 χ^2 /NDF:0.0/1

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: 1166.577 $\pm$ 650.248 χ^2 /NDF: 0.4/3

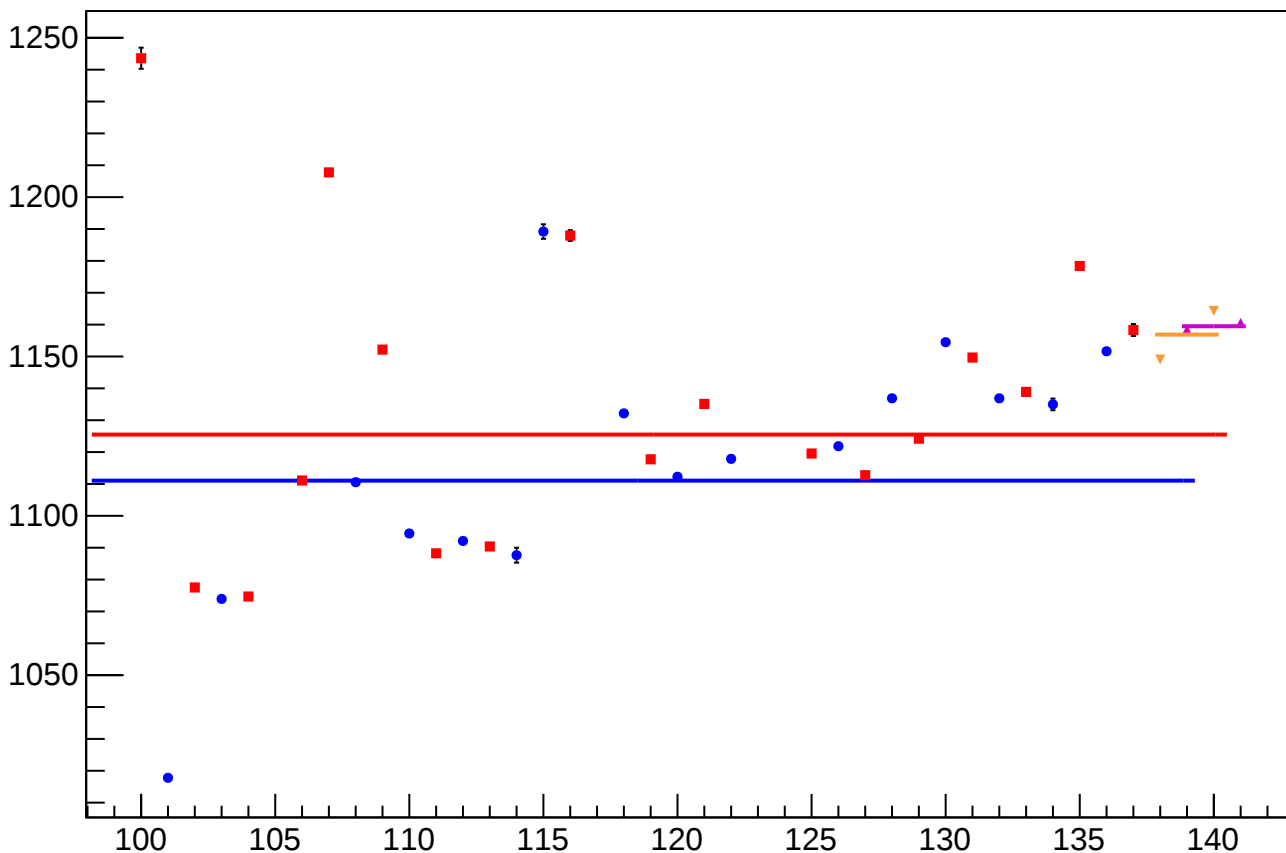
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

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

Out: 2092.094 $\pm$ 387.225 χ^2 /NDF:12.9/19

All: 1840.038 $\pm$ 274.176 χ^2 /NDF: 19.9/37

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1156.873 $\pm$ 0.661 χ^2 /NDF:133.2/1

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: 1158.224 $\pm$ 0.460 χ^2 /NDF: 144.2/3

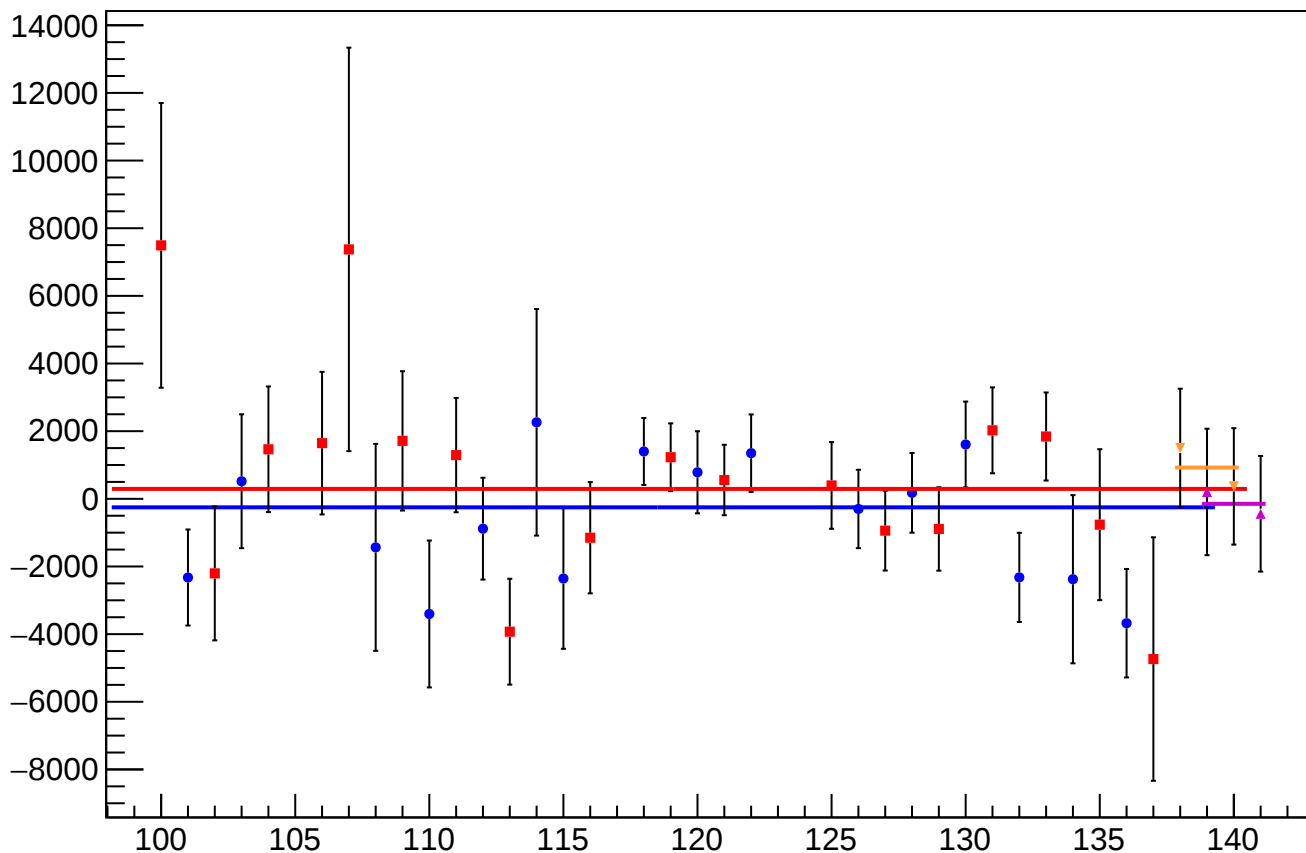
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

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

Out: 1130.881 $\pm$ 0.274 χ^2 /NDF:17881.3/19

All: 1125.433 $\pm$ 0.194 χ^2 /NDF: 41444.2/37

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 924.868+/-1228.127 χ^2/NDF :0.2/1

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: 402.845+/-879.970 χ^2/NDF : 0.6/3

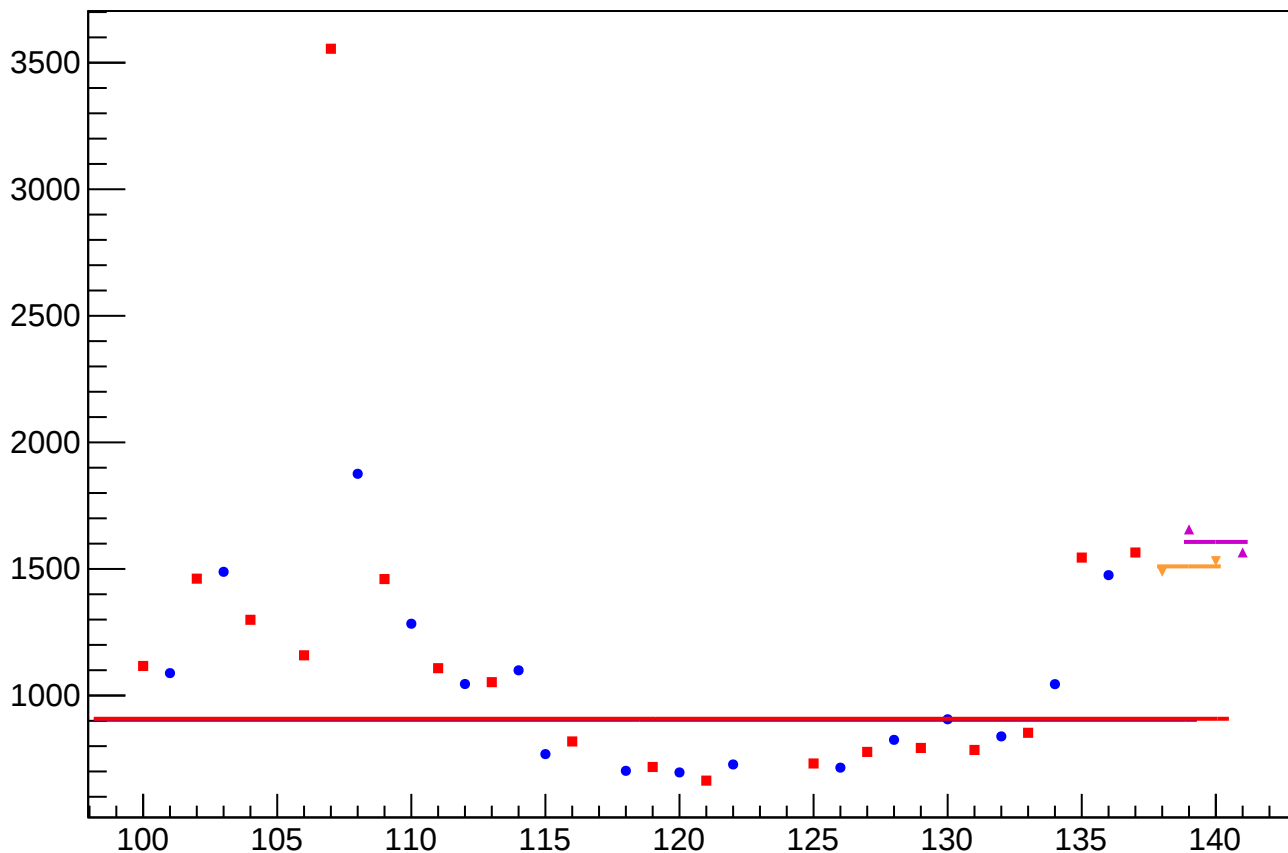
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

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

Out: 344.241+/-347.662 χ^2/NDF :24.5/19

All: 52.901+/-246.858 χ^2/NDF : 47.8/37

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1510.185+/-0.868 χ^2/NDF : 574.3/1

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: 1557.184+/-0.622 χ^2/NDF : 9171.5/3

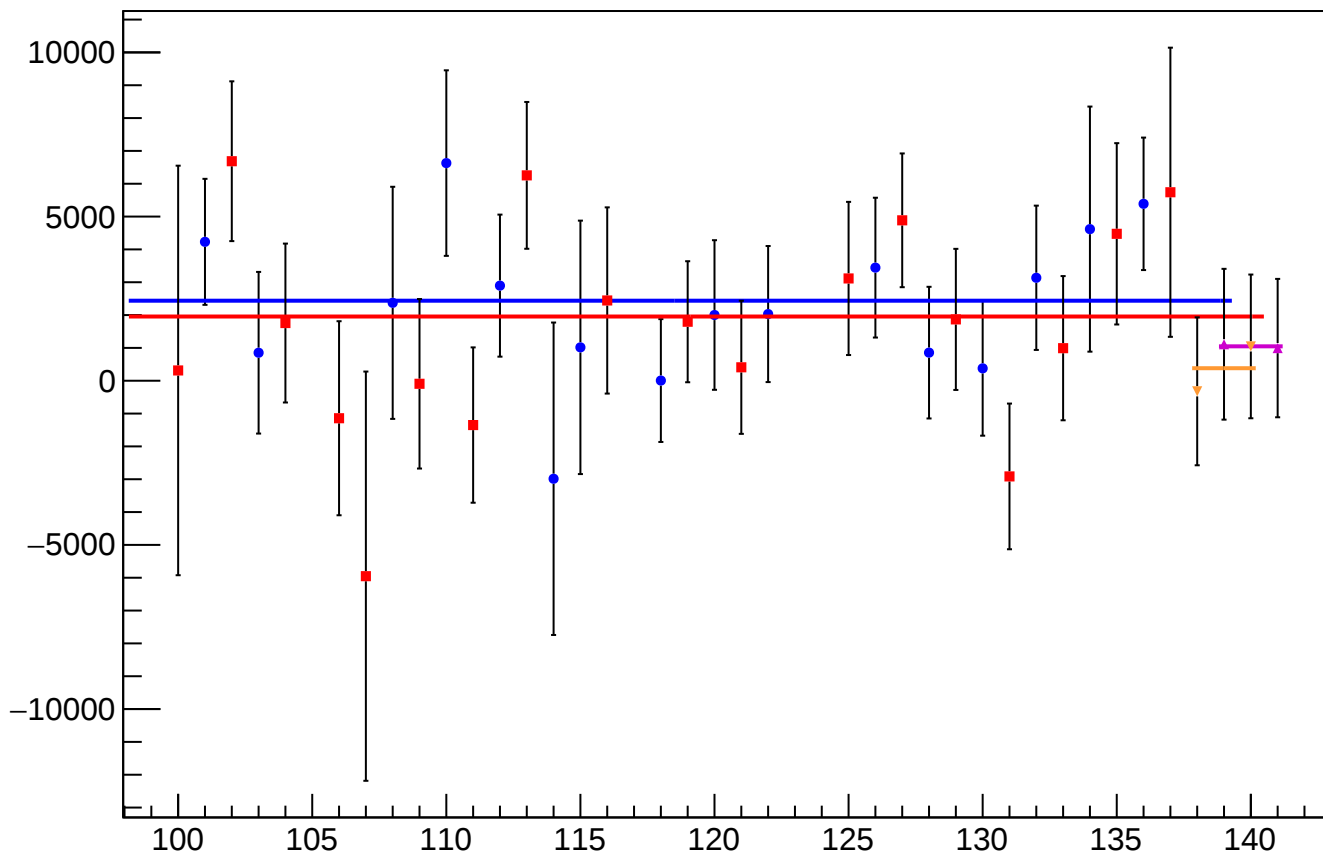
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

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

Out: 956.398+/-0.246 χ^2/NDF : 1823685.6/19

All: 957.553+/-0.175 χ^2/NDF : 3419391.7/37

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 381.356+/-1569.749 χ^2/NDF : 0.2/1

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: 718.280+/-1103.893 χ^2/NDF : 0.3/3

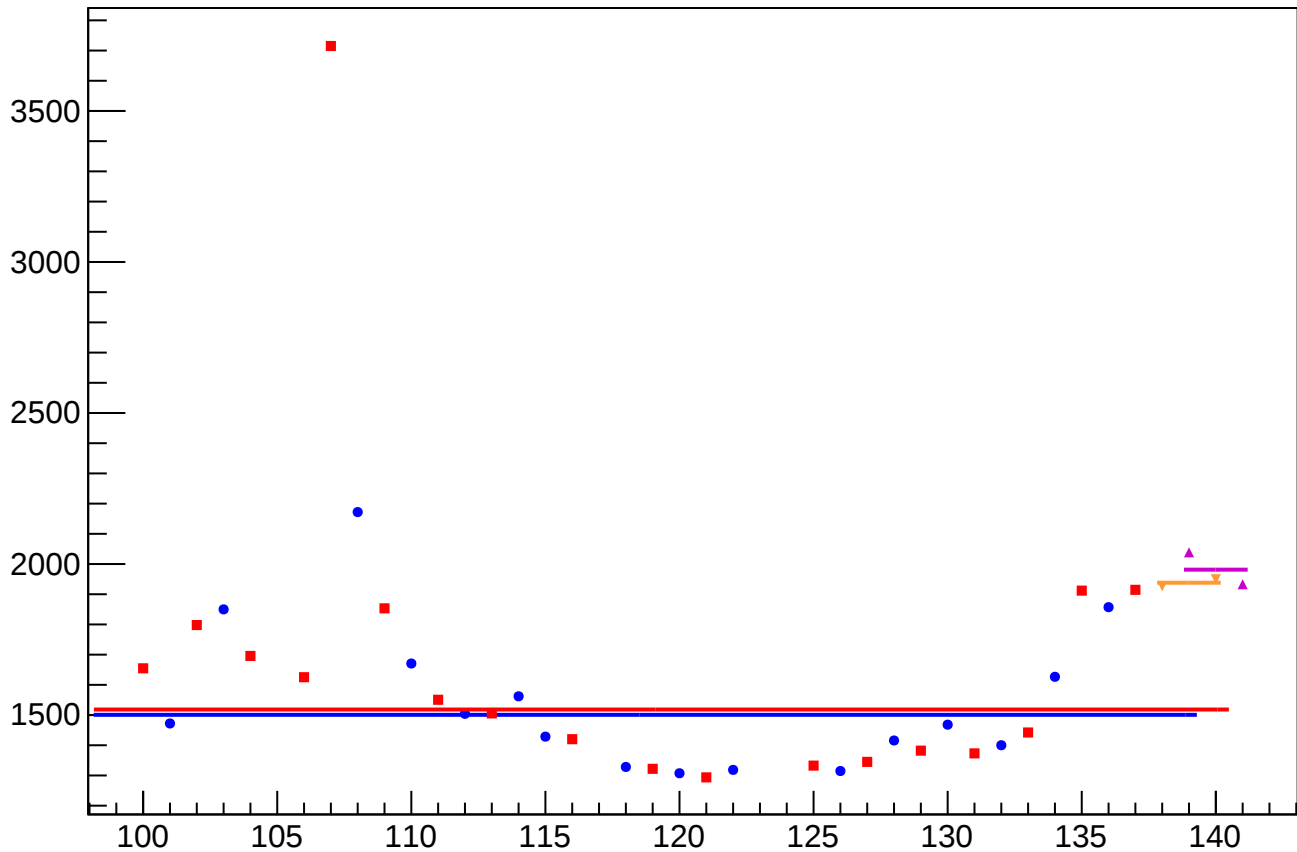
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

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

Out: 1764.425+/-547.418 χ^2/NDF : 23.4/19

All: 2013.812+/-387.444 χ^2/NDF : 35.7/37

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1938.168+/-1.110 χ^2/NDF : 112.2/1

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: 1960.024+/-0.781 χ^2/NDF : 3173.7/3

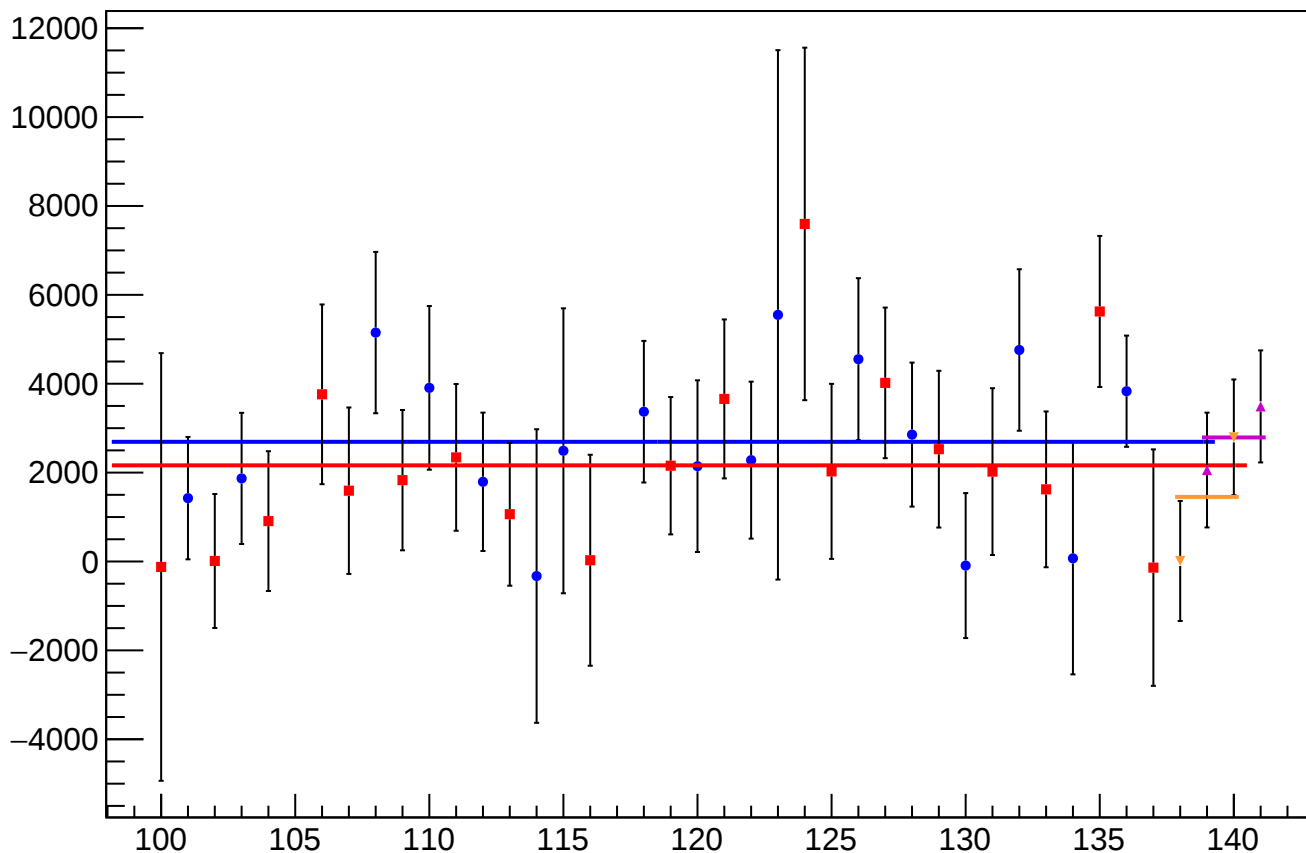
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

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

Out: 1569.385+/-0.387 χ^2/NDF : 601792.3/19

All: 1565.095+/-0.274 χ^2/NDF : 1028255.1/37

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1453.293 $\pm$ 937.400 χ^2 /NDF:2.2/1

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

Left In: 2791.141 $\pm$ 902.075 χ^2 /NDF:0.6/1

Left: 2147.899 $\pm$ 649.993 χ^2 /NDF: 3.9/3

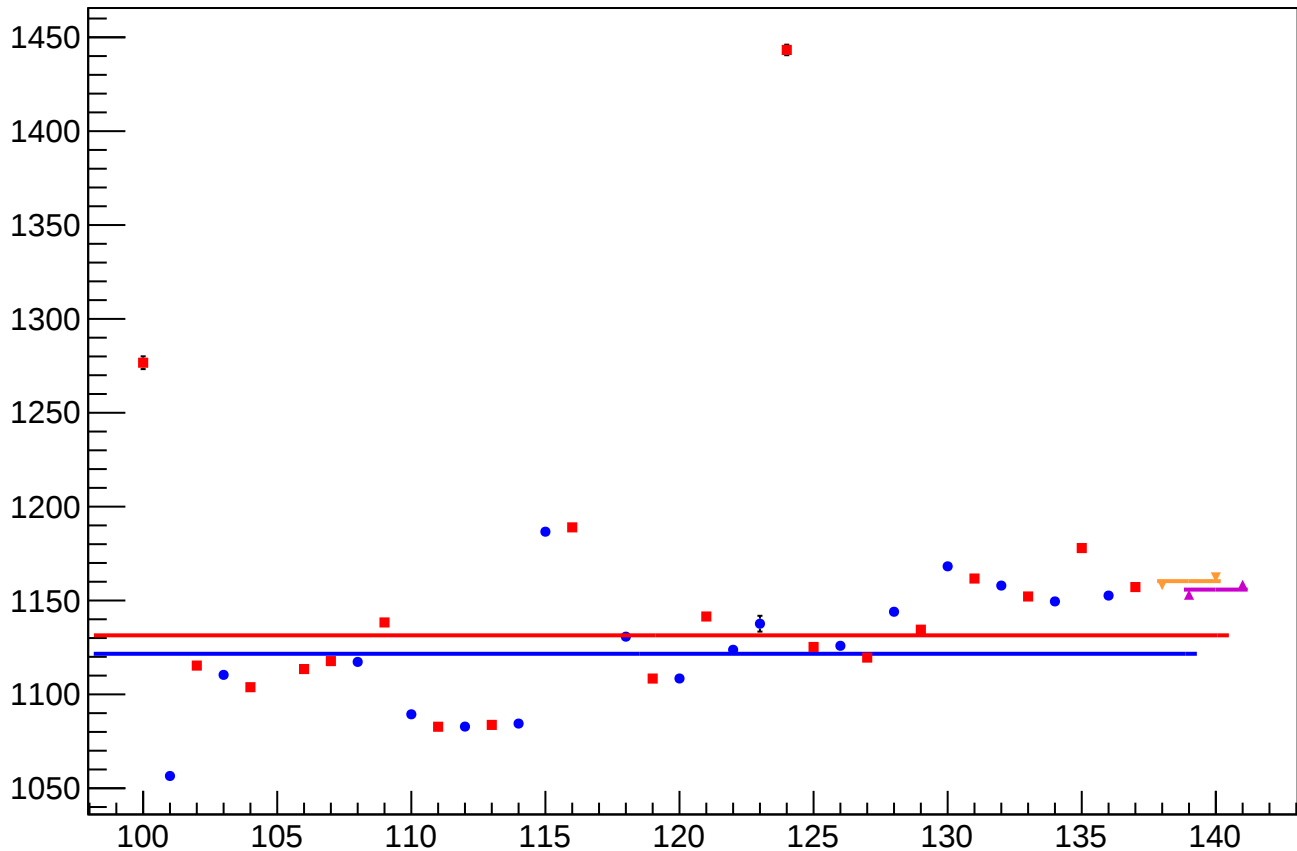
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2711.349 $\pm$ 390.077 χ^2 /NDF:12.9/18

Out: 2042.645 $\pm$ 386.166 χ^2 /NDF:16.4/20

All: 2373.628 $\pm$ 274.433 χ^2 /NDF: 30.8/39

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 ± 0.306 $\chi^2/\text{NDF}: 11980.2/16$

Left Out: 1160.324 ± 0.663 $\chi^2/\text{NDF}: 9.8/1$

Right Out: 1131.451 ± 0.300 $\chi^2/\text{NDF}: 23111.7/18$

Left In: 1155.811 ± 0.638 $\chi^2/\text{NDF}: 17.4/1$

Left: 1157.981 ± 0.460 $\chi^2/\text{NDF}: 51.3/3$

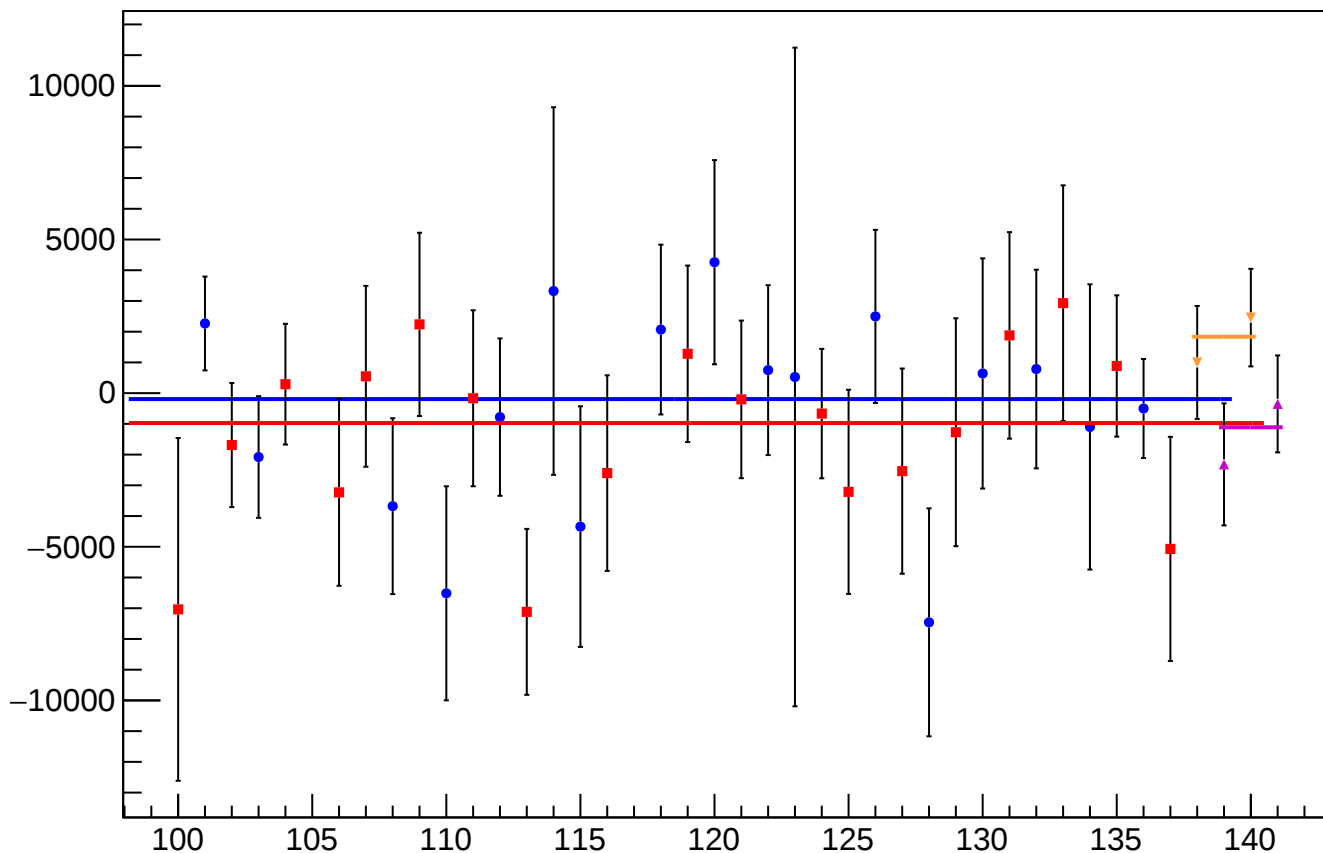
Right: 1126.640 ± 0.214 $\chi^2/\text{NDF}: 35618.4/35$

In: 1128.019 ± 0.276 $\chi^2/\text{NDF}: 14332.8/18$

Out: 1136.351 ± 0.273 $\chi^2/\text{NDF}: 24696.9/20$

All: 1132.227 ± 0.194 $\chi^2/\text{NDF}: 39490.6/39$

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1834.799+/-1201.581 χ^2/NDF : 0.4/1

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: 402.699+/-861.332 χ^2/NDF : 3.9/3

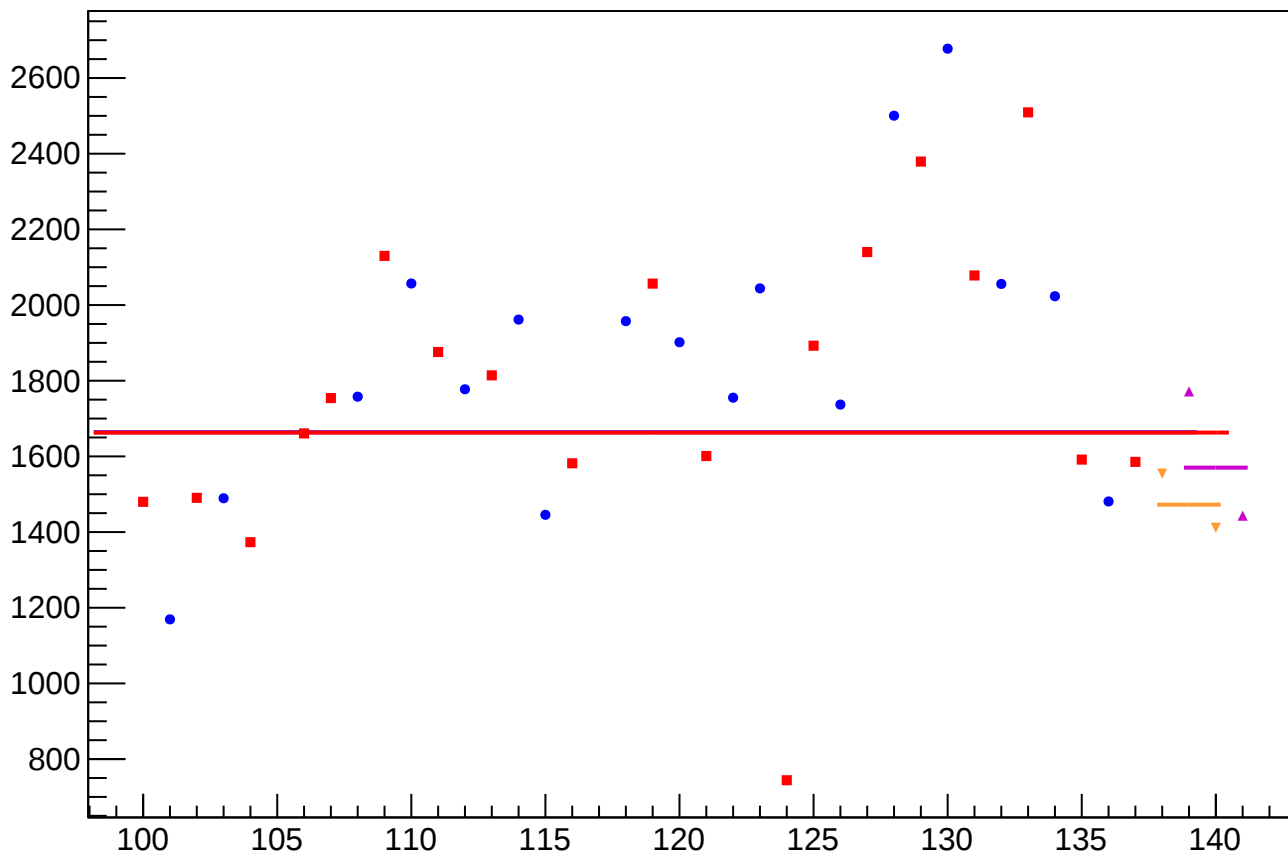
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

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

Out: -345.054+/-568.332 χ^2/NDF : 18.9/20

All: -370.529+/-406.745 χ^2/NDF : 37.3/39

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1472.462+/-0.850 χ^2/NDF : 6937.5/1

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+/-0.609 χ^2/NDF : 46893.7/3

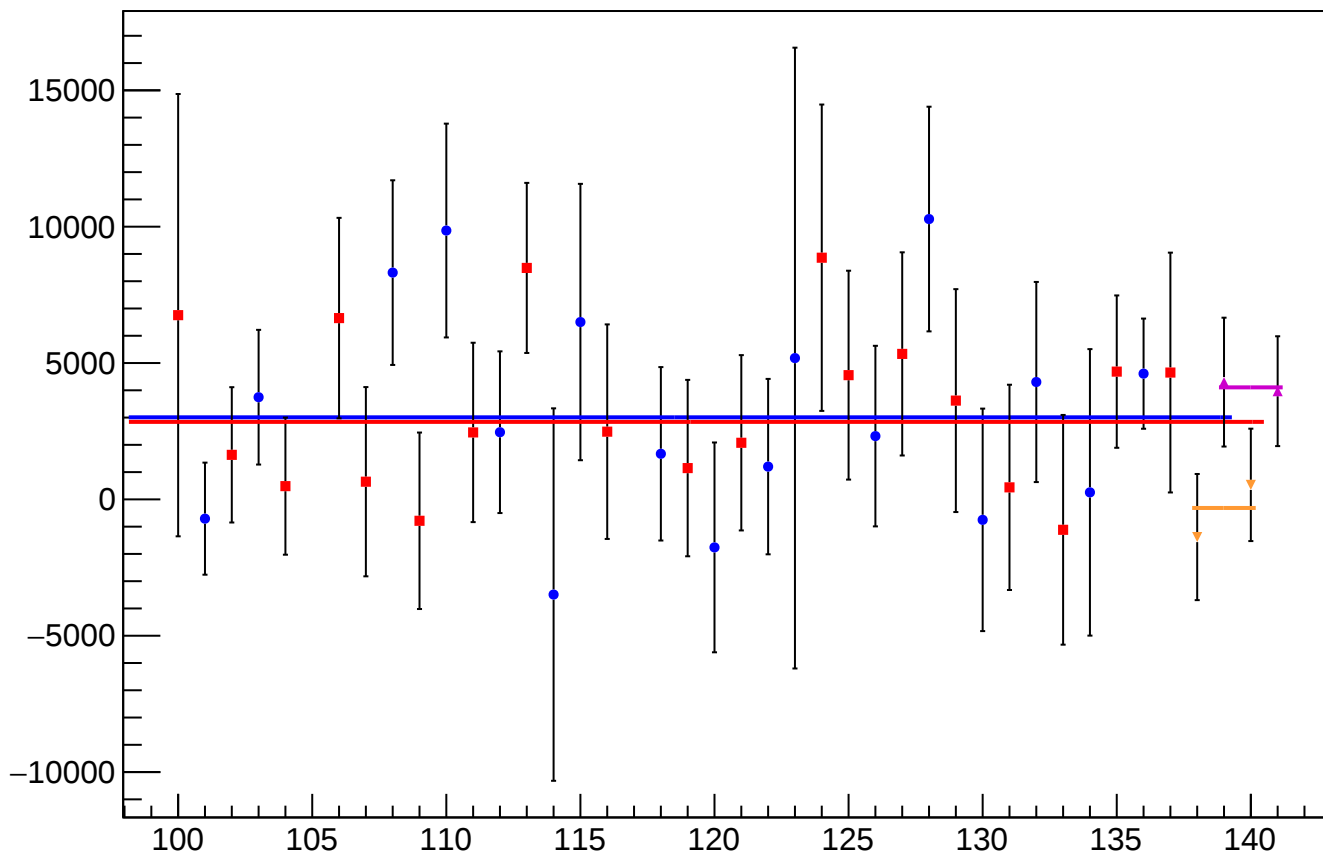
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

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

Out: 1620.362+/-0.402 χ^2/NDF : 850945.5/20

All: 1631.408+/-0.288 χ^2/NDF : 1517386.4/39

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -314.886+/-1538.649 χ^2/NDF : 0.4/1

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: 1905.113+/-1085.834 χ^2/NDF : 4.5/3

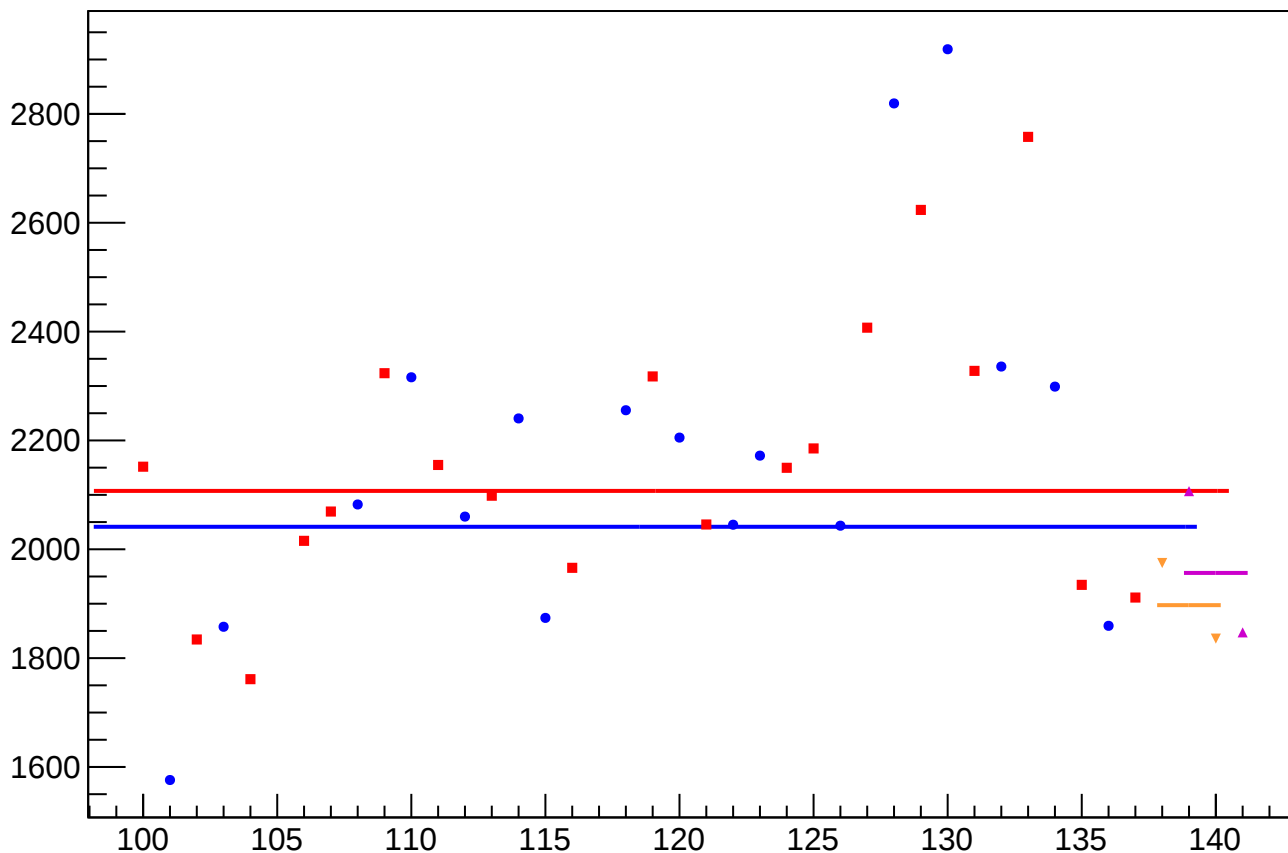
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

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

Out: 2175.848+/-706.805 χ^2/NDF : 15.1/20

All: 2708.426+/-500.542 χ^2/NDF : 34.1/39

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1897.343+/-1.088 χ^2/NDF : 4024.8/1

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: 1927.068+/-0.768 χ^2/NDF : 19489.7/3

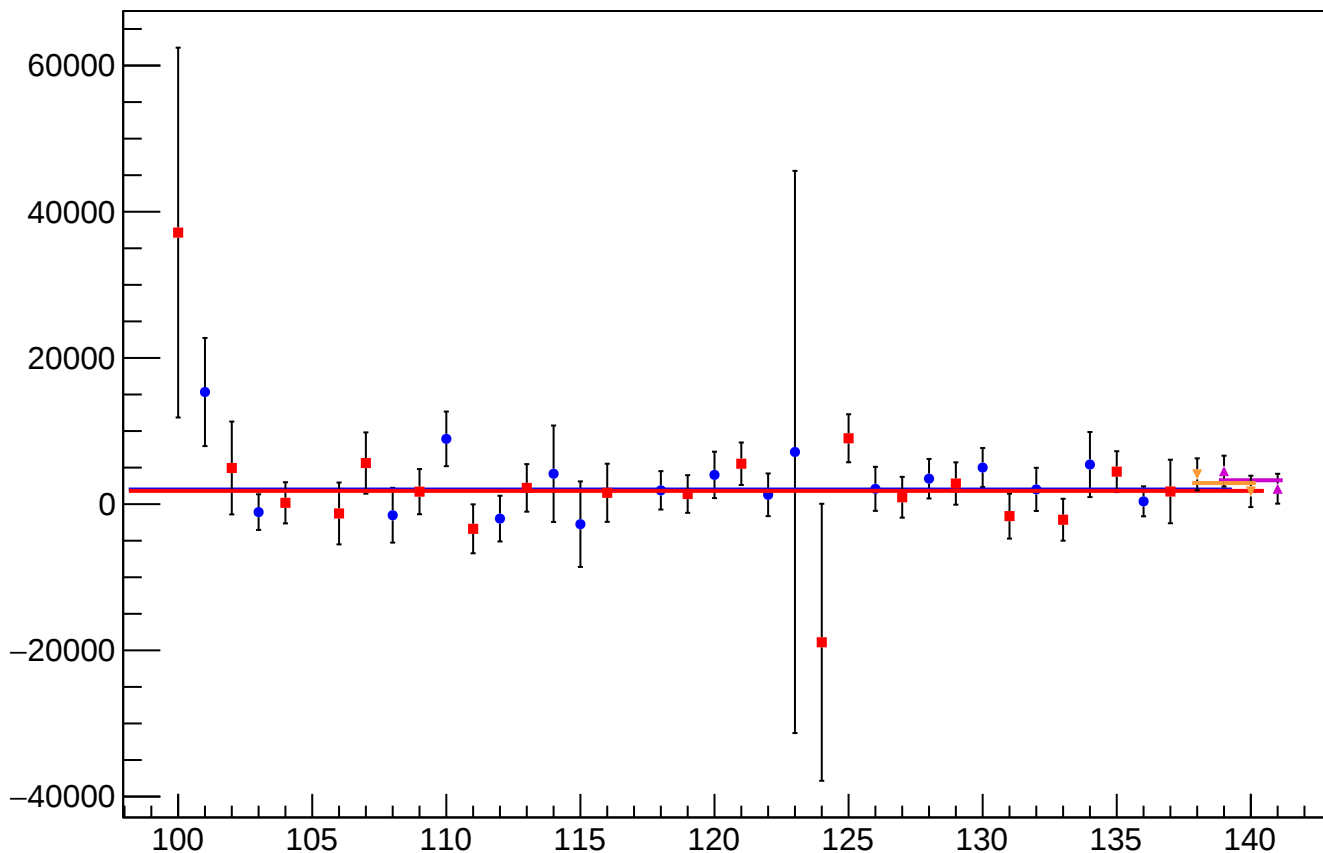
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

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

Out: 2062.977+/-0.500 χ^2/NDF : 230181.6/20

All: 2043.151+/-0.354 χ^2/NDF : 590565.1/39

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2885.084+/-1534.004 χ^2/NDF : 0.6/1

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: 3085.178+/-1060.960 χ^2/NDF : 1.3/3

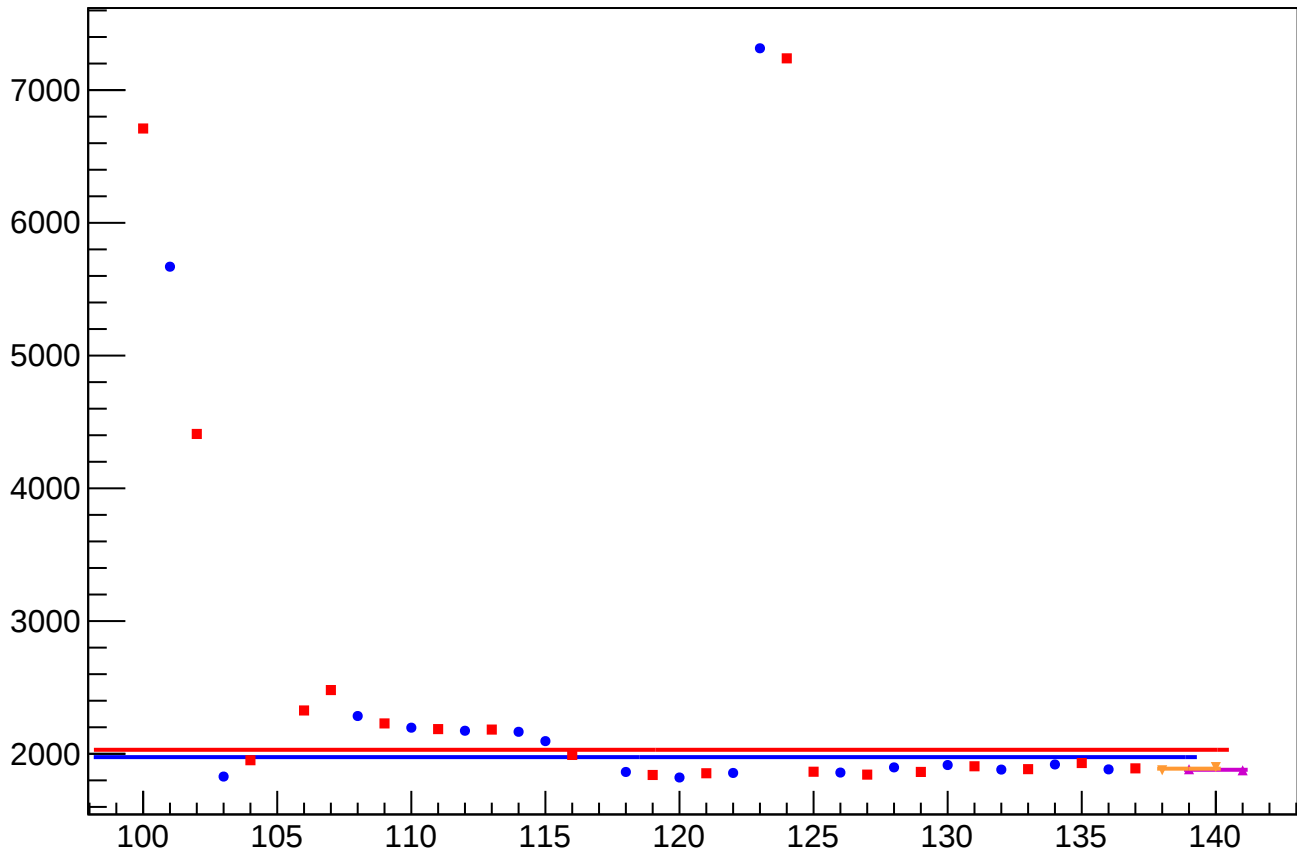
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

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

Out: 2035.943+/-696.316 χ^2/NDF : 19.2/20

All: 2159.004+/-490.127 χ^2/NDF : 35.3/39

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1888.196+/-1.085 χ^2/NDF :123.1/1

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: 1883.800+/-0.750 χ^2/NDF : 170.0/3

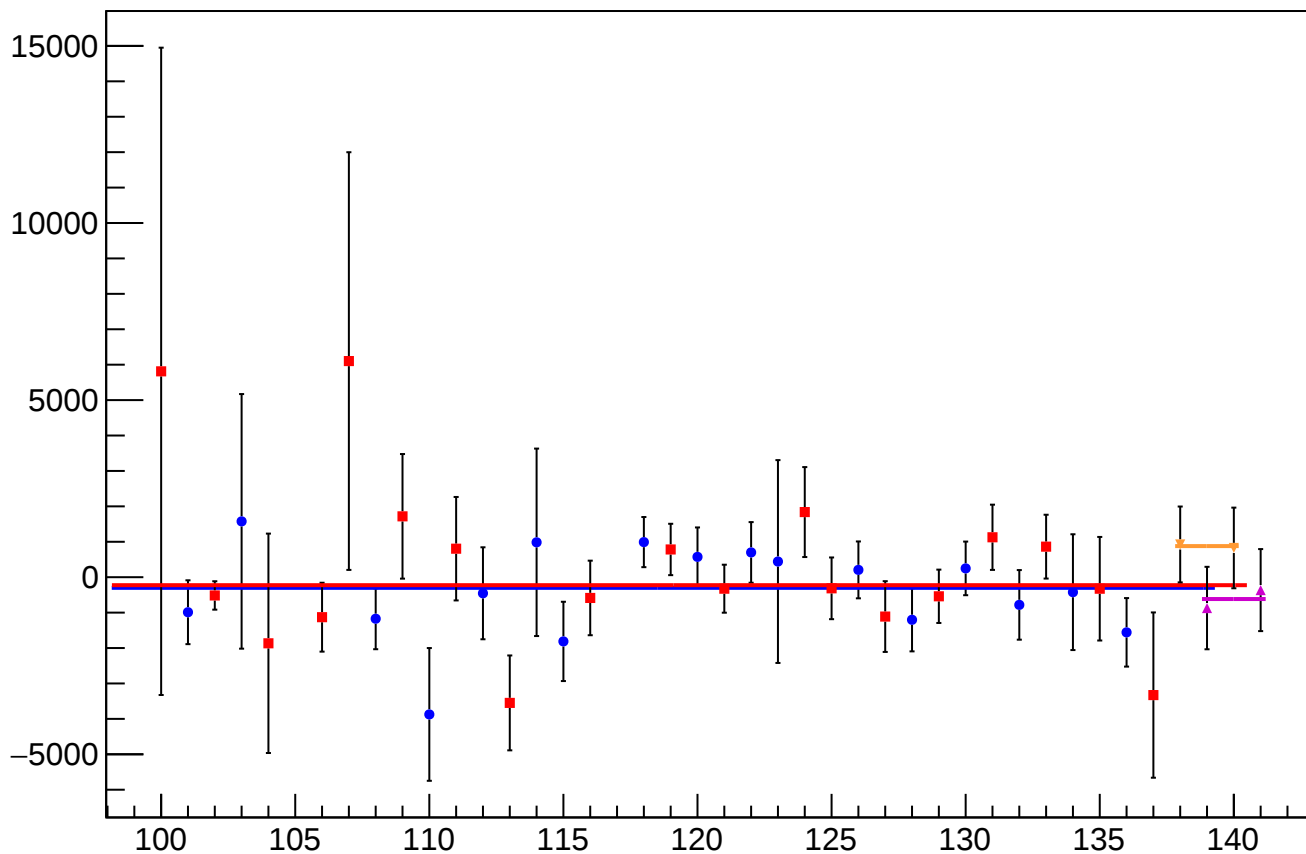
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 2001.054+/-0.492 χ^2/NDF :617681.2/20

All: 1977.350+/-0.347 χ^2/NDF : 1228688.1/35

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 878.154+/-779.874 χ^2/NDF : 0.0/1

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: 169.154+/-565.392 χ^2/NDF : 1.8/3

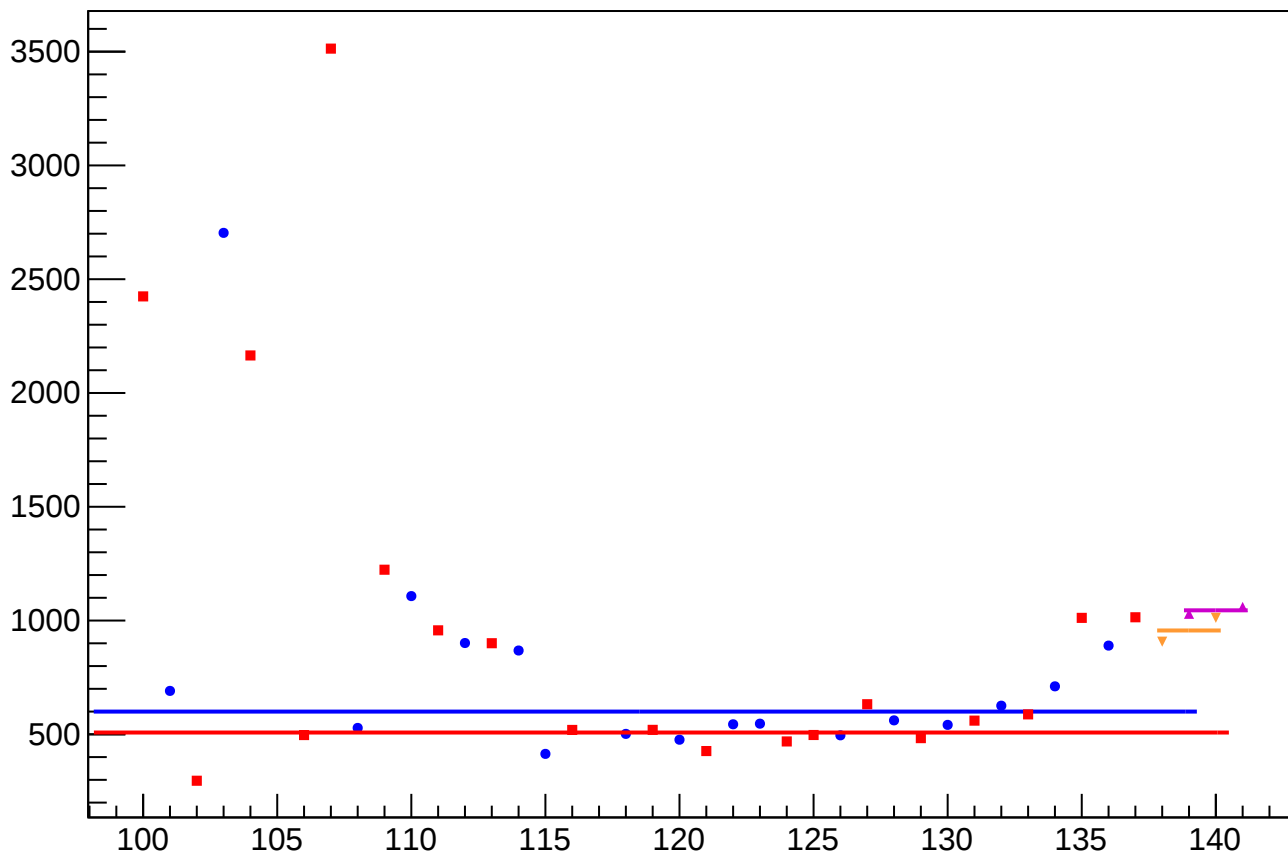
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

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

Out: -147.101+/-207.773 χ^2/NDF : 24.1/20

All: -225.226+/-156.001 χ^2/NDF : 42.0/39

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 956.396+/-0.551 χ^2/NDF : 8996.0/1

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

Left In: 1044.949+/-0.580 χ^2/NDF : 682.9/1

Left: 998.406+/-0.400 χ^2/NDF : 21912.0/3

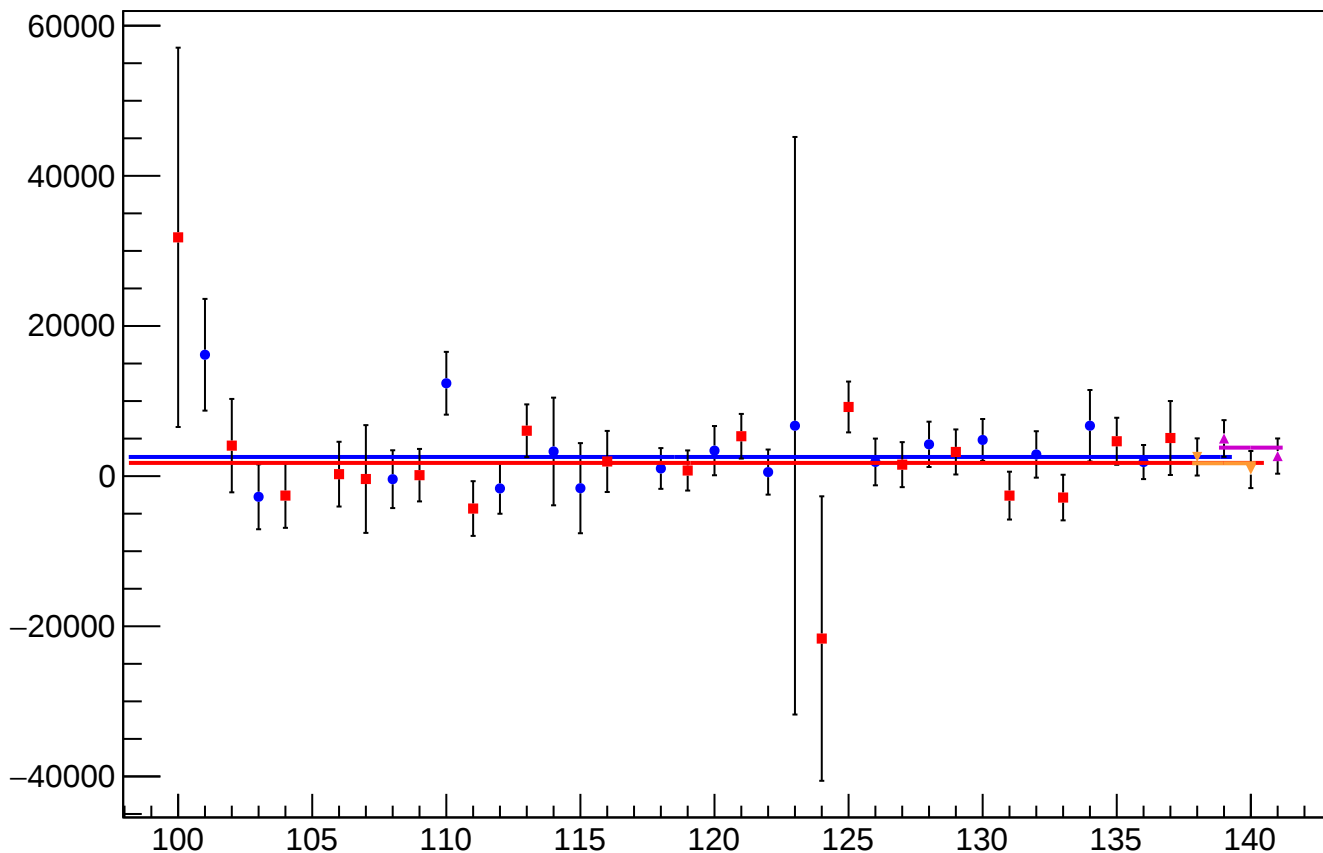
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 636.793+/-0.167 χ^2/NDF : 1920823.9/18

Out: 539.773+/-0.147 χ^2/NDF : 3472265.4/20

All: 582.099+/-0.110 χ^2/NDF : 5583336.1/39

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1714.336 $\pm$ 1748.506 χ^2 /NDF:0.2/1

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: 2788.718 $\pm$ 1216.273 χ^2 /NDF: 1.4/3

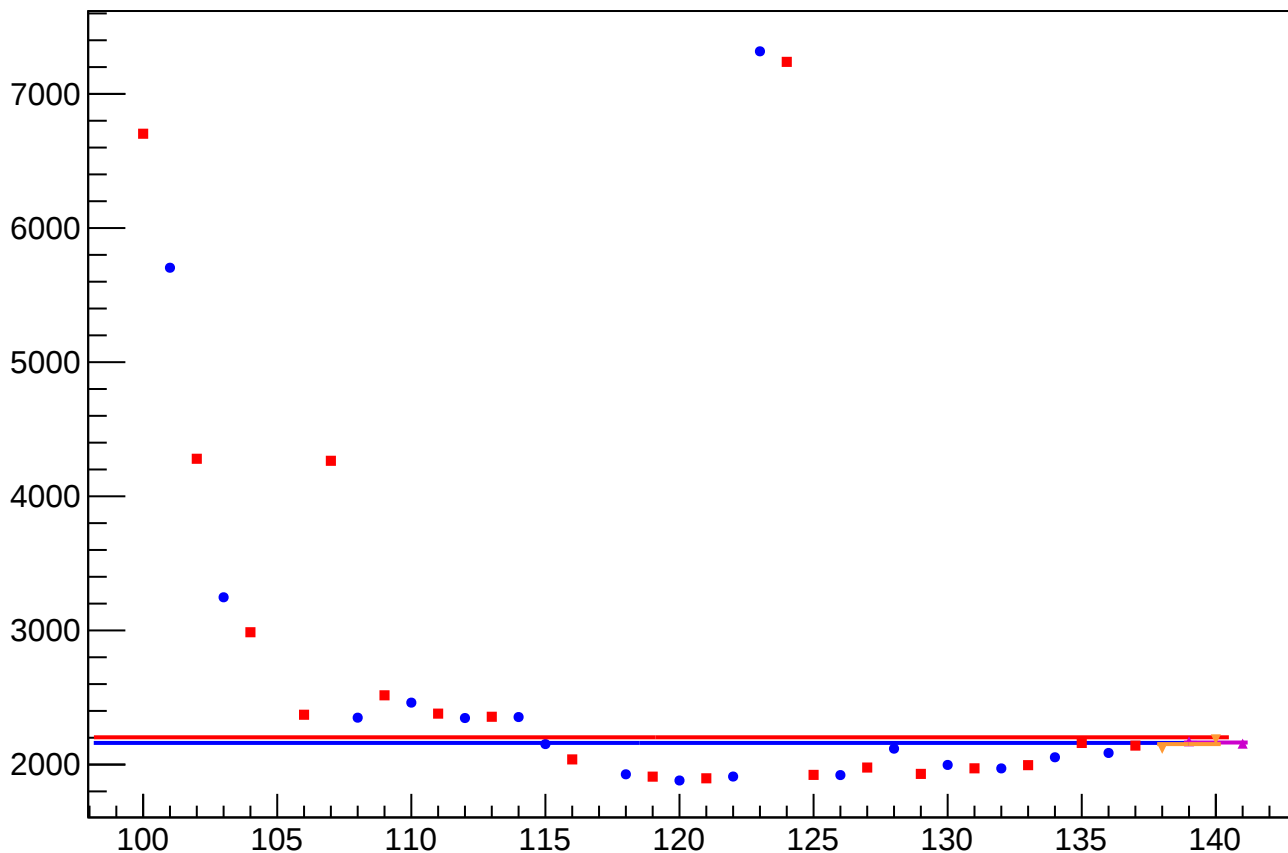
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

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

Out: 1752.404 $\pm$ 767.851 χ^2 /NDF:21.2/20

All: 2281.450 $\pm$ 542.286 χ^2 /NDF: 38.7/39

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2152.613+/-1.236 χ^2/NDF :809.7/1

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: 2158.709+/-0.860 χ^2/NDF : 909.5/3

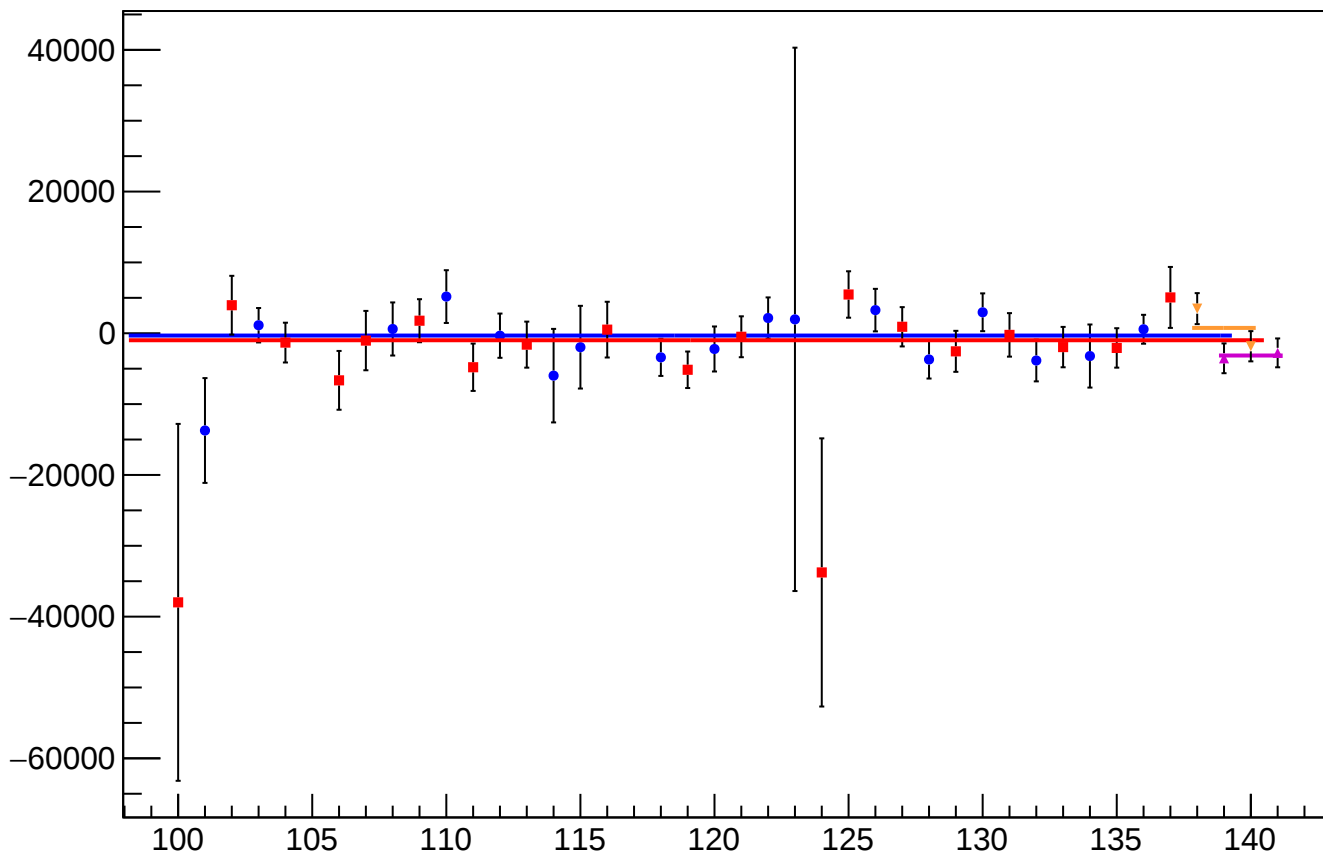
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

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

Out: 2193.559+/-0.543 χ^2/NDF :799561.8/20

All: 2177.758+/-0.383 χ^2/NDF : 1512562.6/39

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 754.718 ± 1527.078 χ^2/NDF : 3.0/1

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: -1276.909 ± 1056.309 χ^2/NDF : 6.5/3

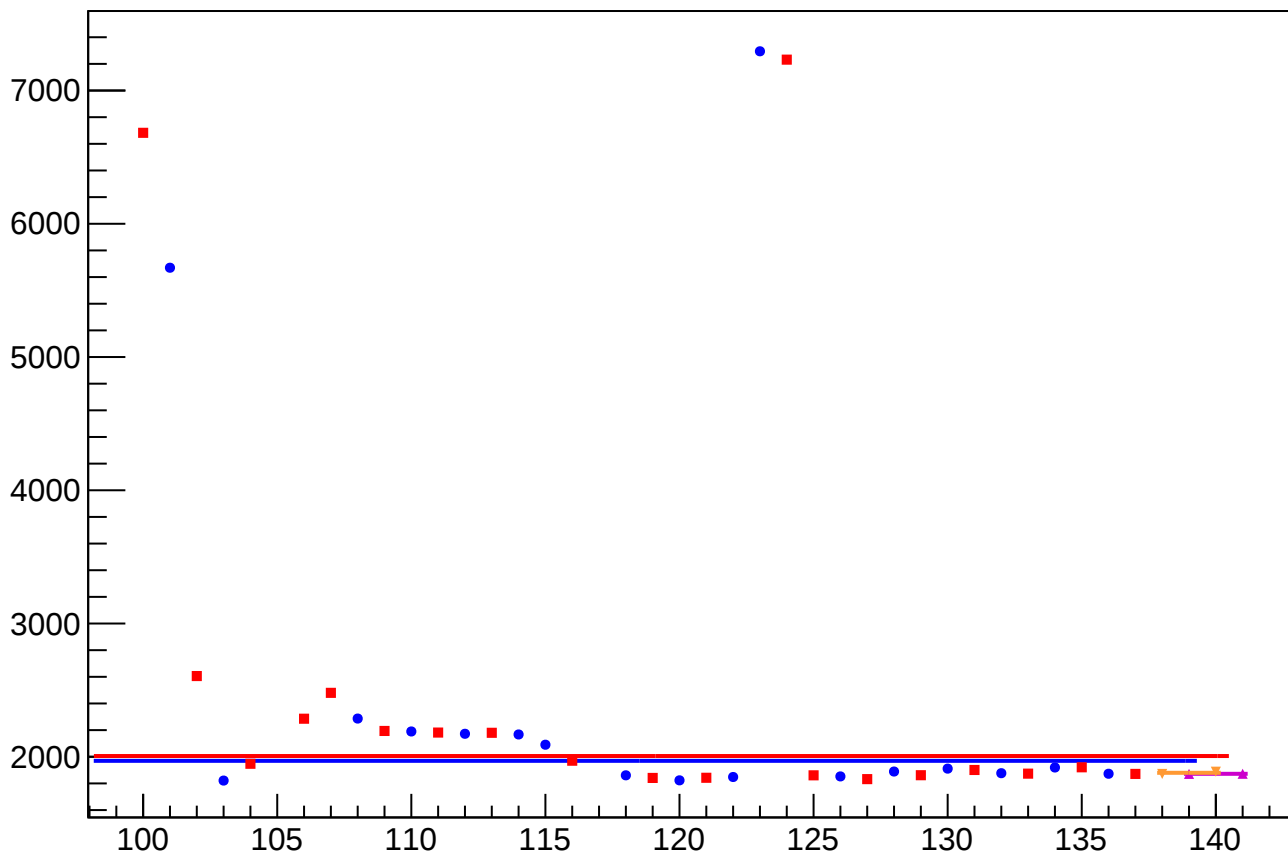
Right: -658.915 ± 547.776 χ^2/NDF : 36.4/35

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

Out: -633.115 ± 687.487 χ^2/NDF : 24.4/20

All: -789.886 ± 486.279 χ^2/NDF : 43.2/39

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1879.654+/-1.080 χ^2 /NDF:60.4/1

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: 1875.685+/-0.747 χ^2 /NDF: 86.5/3

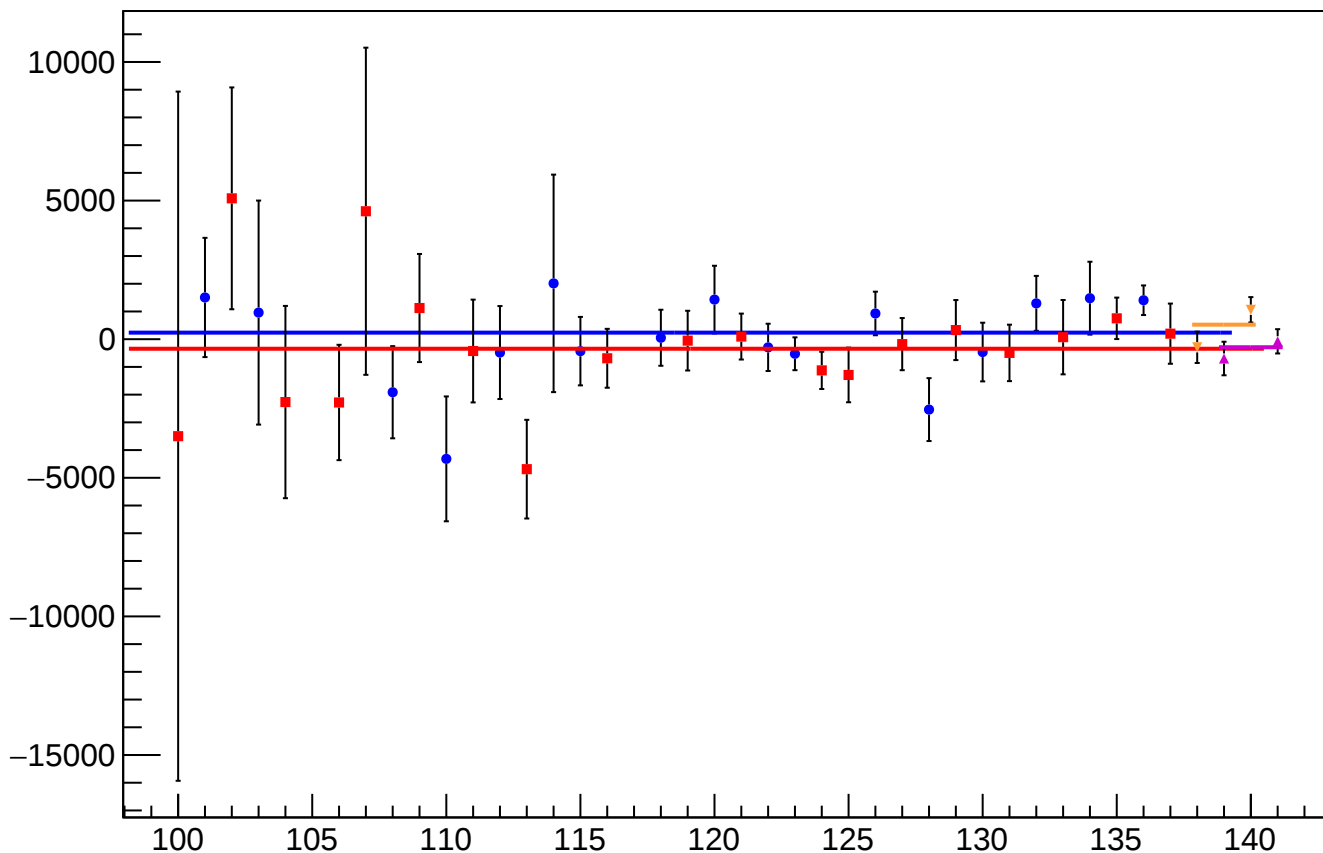
Right: 1987.746+/-0.387 χ^2 /NDF: 964621.5/35

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

Out: 1980.035+/-0.486 χ^2 /NDF:370543.9/20

All: 1963.997+/-0.344 χ^2 /NDF: 982446.5/39

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 524.055 $\pm$ 355.826 χ^2 /NDF:3.5/1

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: 115.914 $\pm$ 251.246 χ^2 /NDF: 6.8/3

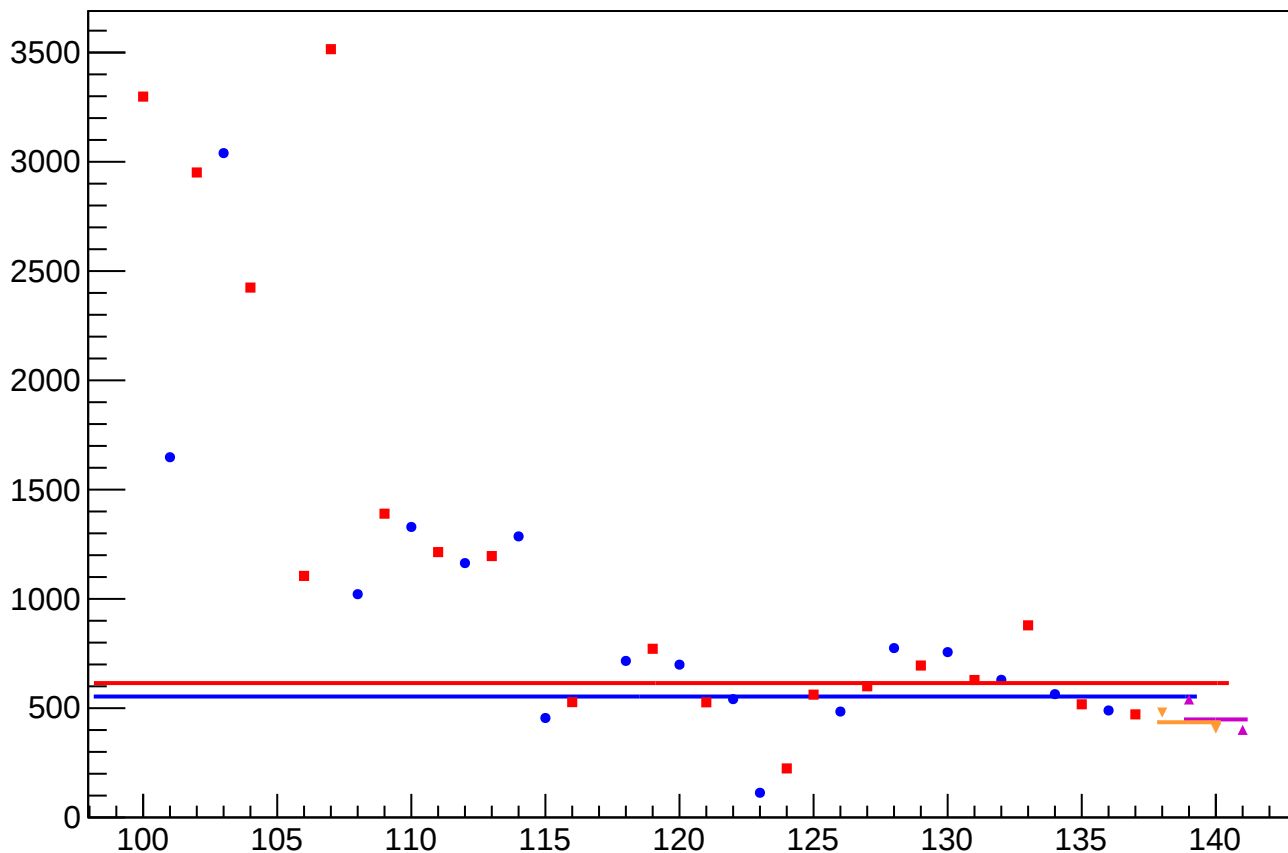
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

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

Out: -29.205 $\pm$ 214.336 χ^2 /NDF:23.2/20

All: 19.481 $\pm$ 147.617 χ^2 /NDF: 49.4/39

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 435.707 ± 0.252 χ^2/NDF : 20358.9/1

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: 442.125 ± 0.178 χ^2/NDF : 91159.9/3

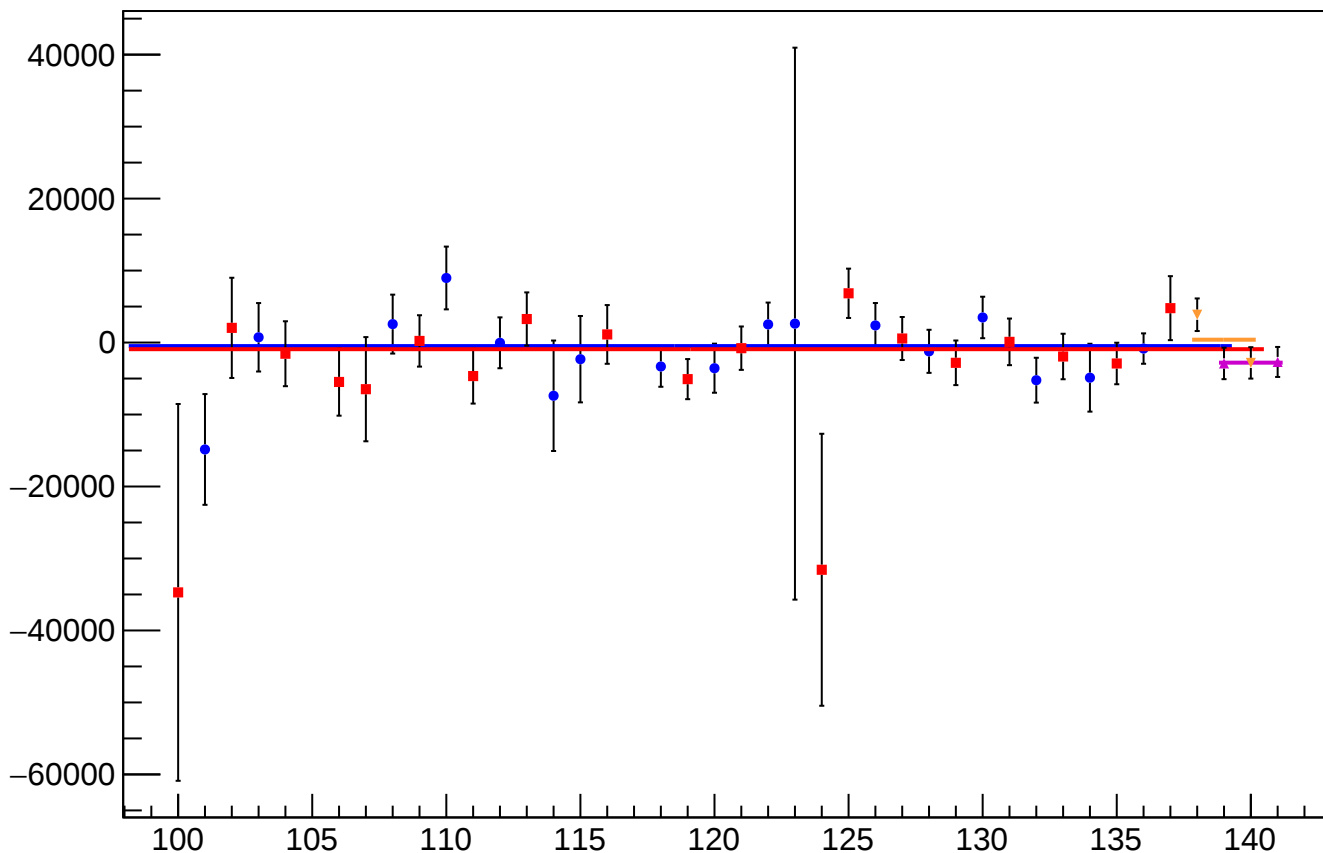
Right: 581.688 ± 0.129 χ^2/NDF : 7038937.4/35

In: 518.780 ± 0.144 χ^2/NDF : 3599221.3/18

Out: 549.836 ± 0.152 χ^2/NDF : 3912893.3/20

All: 533.511 ± 0.104 χ^2/NDF : 7534187.0/39

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 396.382+/-1570.896 χ^2/NDF : 4.5/1

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: -1263.800+/-1087.974 χ^2/NDF : 6.7/3

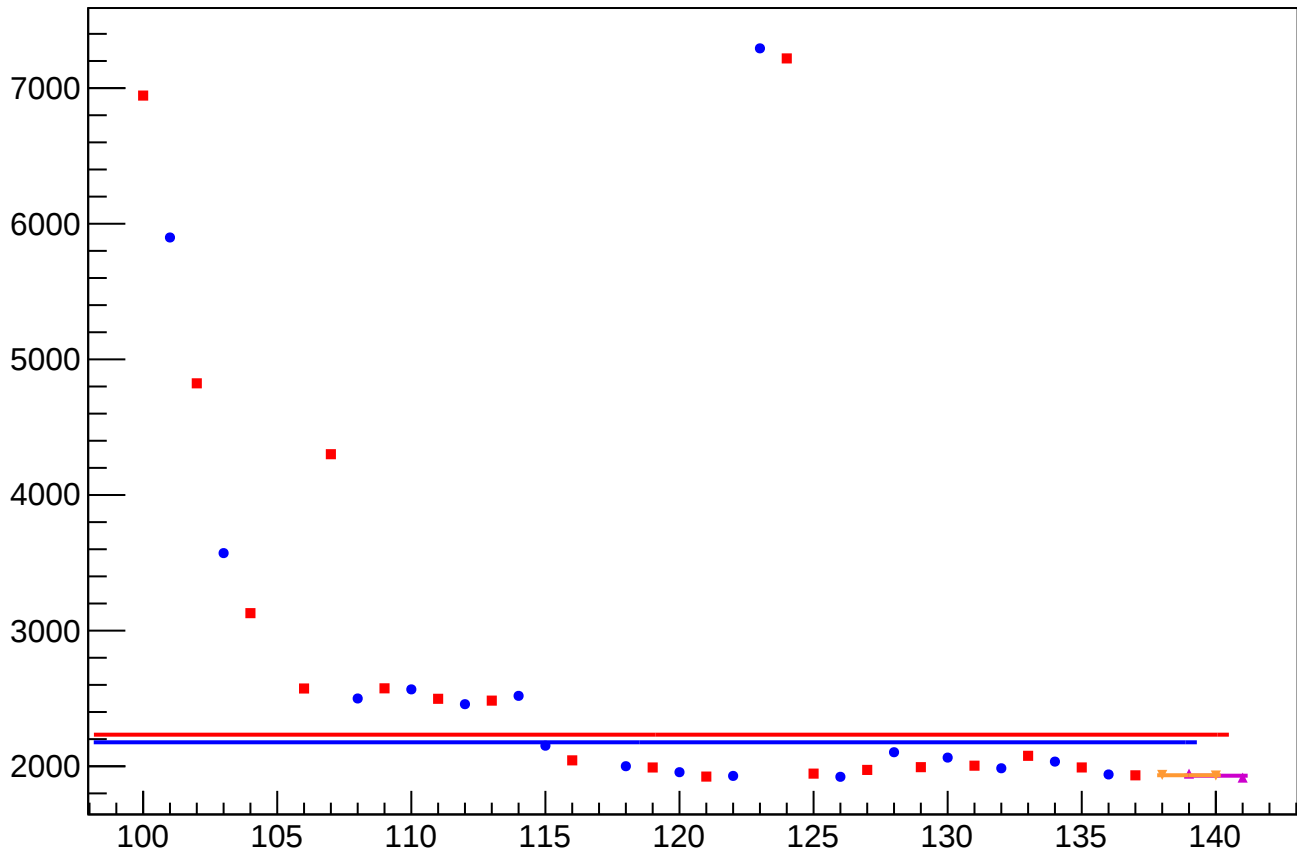
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

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

Out: -613.200+/-760.179 χ^2/NDF : 24.0/20

All: -841.315+/-534.723 χ^2/NDF : 44.5/39

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1933.868 $\pm$ 1.111 χ^2 /NDF: 4.1/1

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

Left In: 1930.393 $\pm$ 1.067 χ^2 /NDF: 187.9/1

Left: 1932.060 $\pm$ 0.769 χ^2 /NDF: 197.1/3

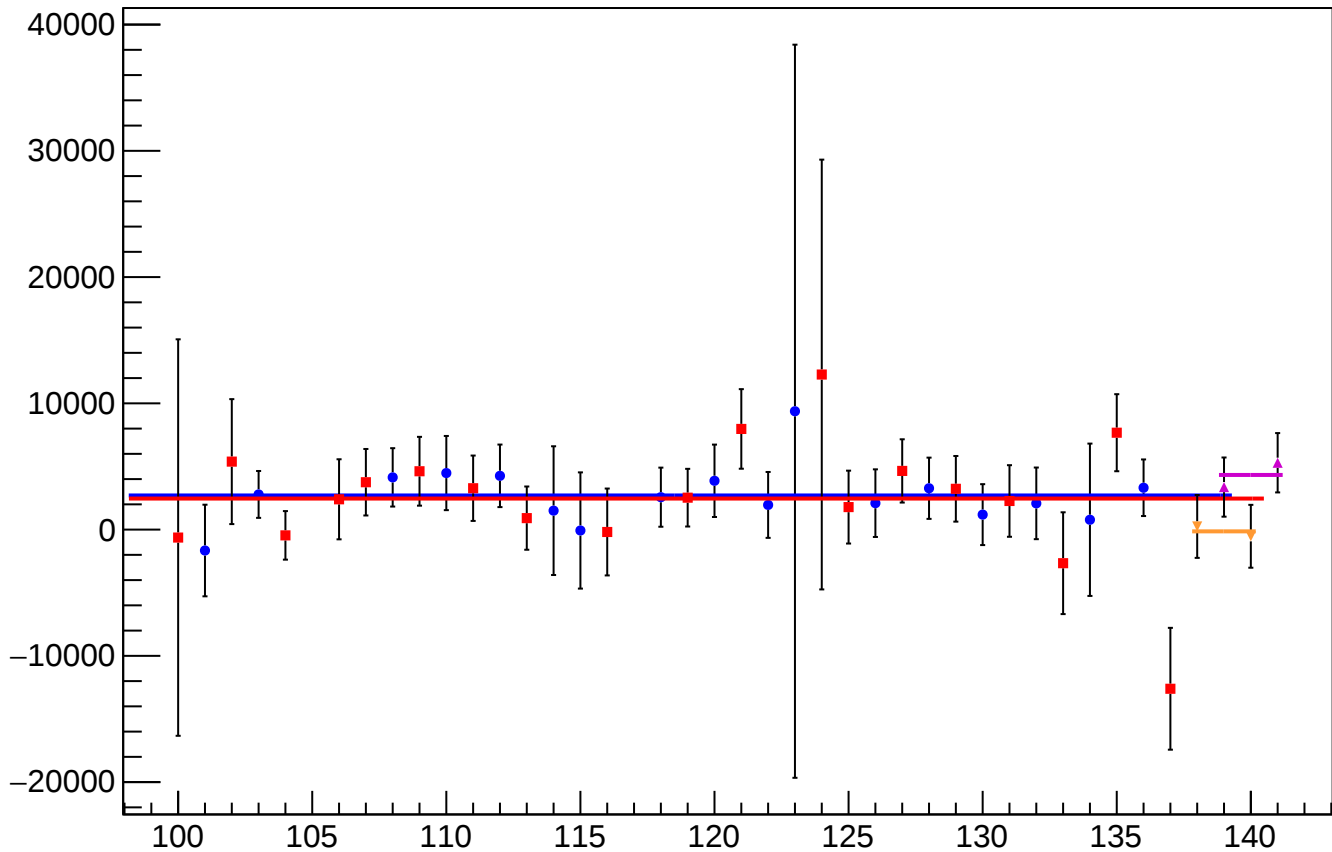
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2115.456 $\pm$ 0.532 χ^2 /NDF: 842948.0/18

Out: 2162.862 $\pm$ 0.538 χ^2 /NDF: 946051.5/20

All: 2138.913 $\pm$ 0.378 χ^2 /NDF: 1792929.0/39

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -139.633 $\pm$ 1760.693 χ^2 /NDF:0.0/1

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: 2226.612 $\pm$ 1207.558 χ^2 /NDF: 3.8/3

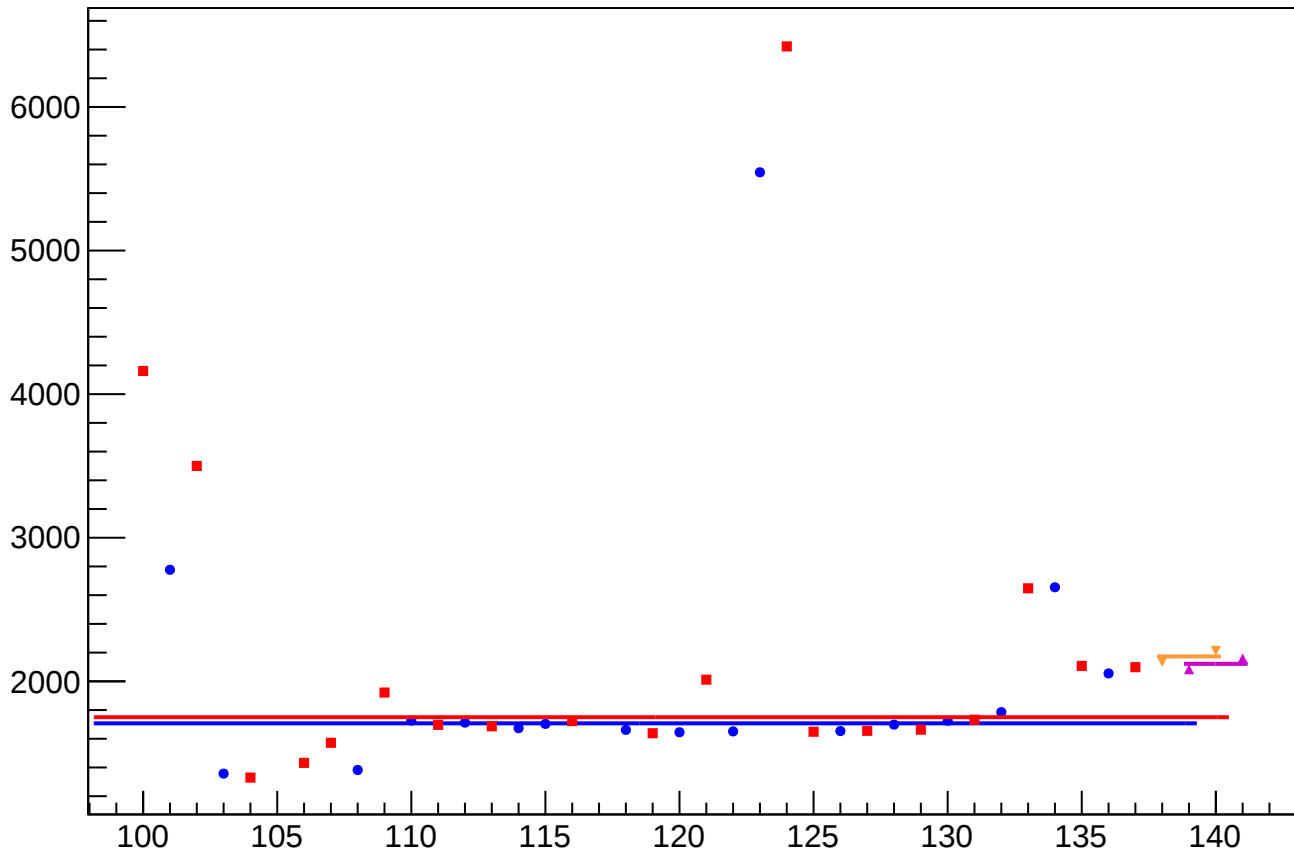
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

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

Out: 2119.196 $\pm$ 636.469 χ^2 /NDF:25.2/20

All: 2534.185 $\pm$ 445.712 χ^2 /NDF: 31.2/39

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2173.381+/-1.245 χ^2/NDF : 962.1/1

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: 2146.067+/-0.854 χ^2/NDF : 2895.7/3

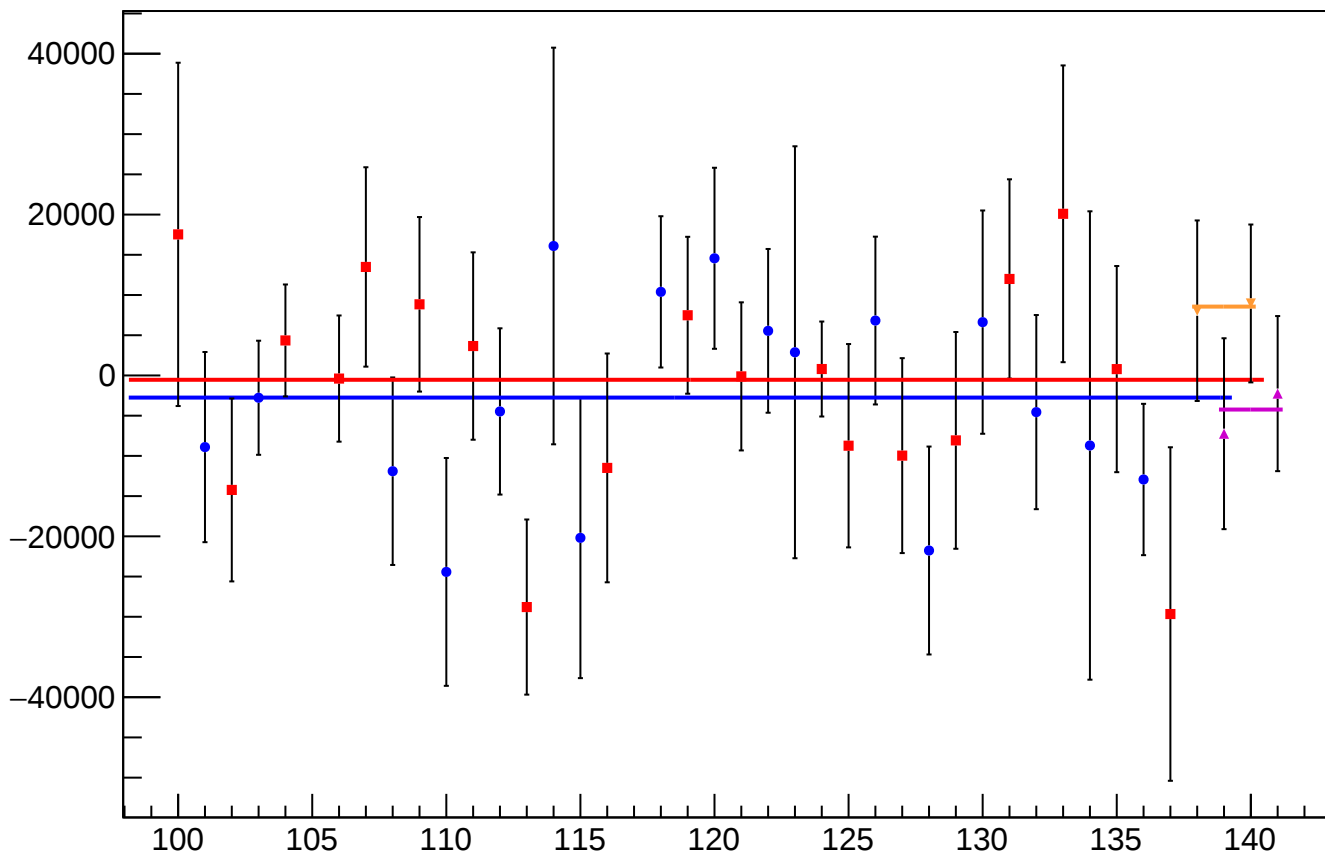
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

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

Out: 1805.398+/-0.450 χ^2/NDF : 847946.0/20

All: 1785.358+/-0.315 χ^2/NDF : 1382123.4/39

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 8559.899+/-7387.308 χ^2/NDF : 0.0/1

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: 2242.558+/-5256.940 χ^2/NDF : 1.6/3

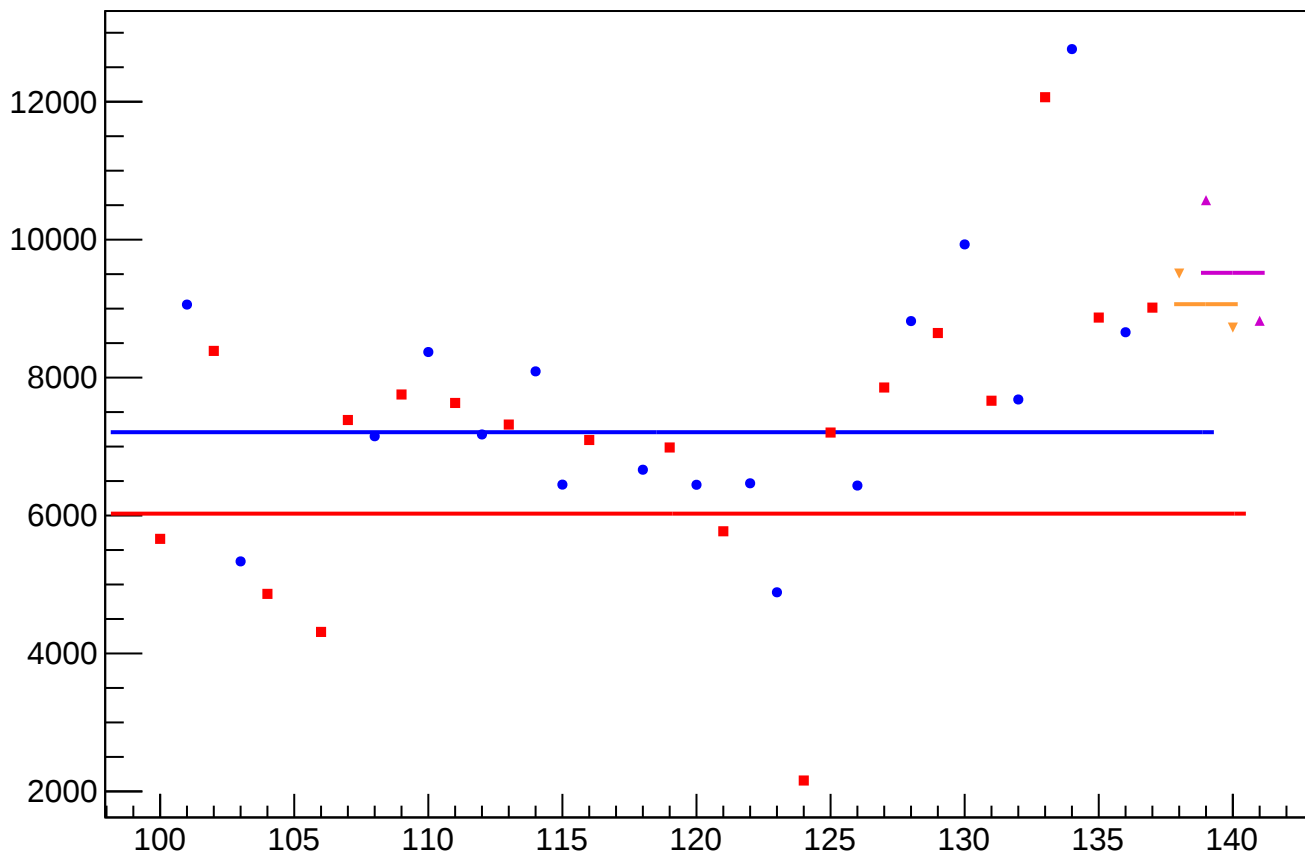
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

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

Out: 346.591+/-2304.016 χ^2/NDF : 19.8/20

All: -1063.246+/-1740.743 χ^2/NDF : 35.4/39

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 9064.461+/-5.224 χ^2/NDF : 5521.2/1

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: 9288.937+/-3.717 χ^2/NDF : 35426.3/3

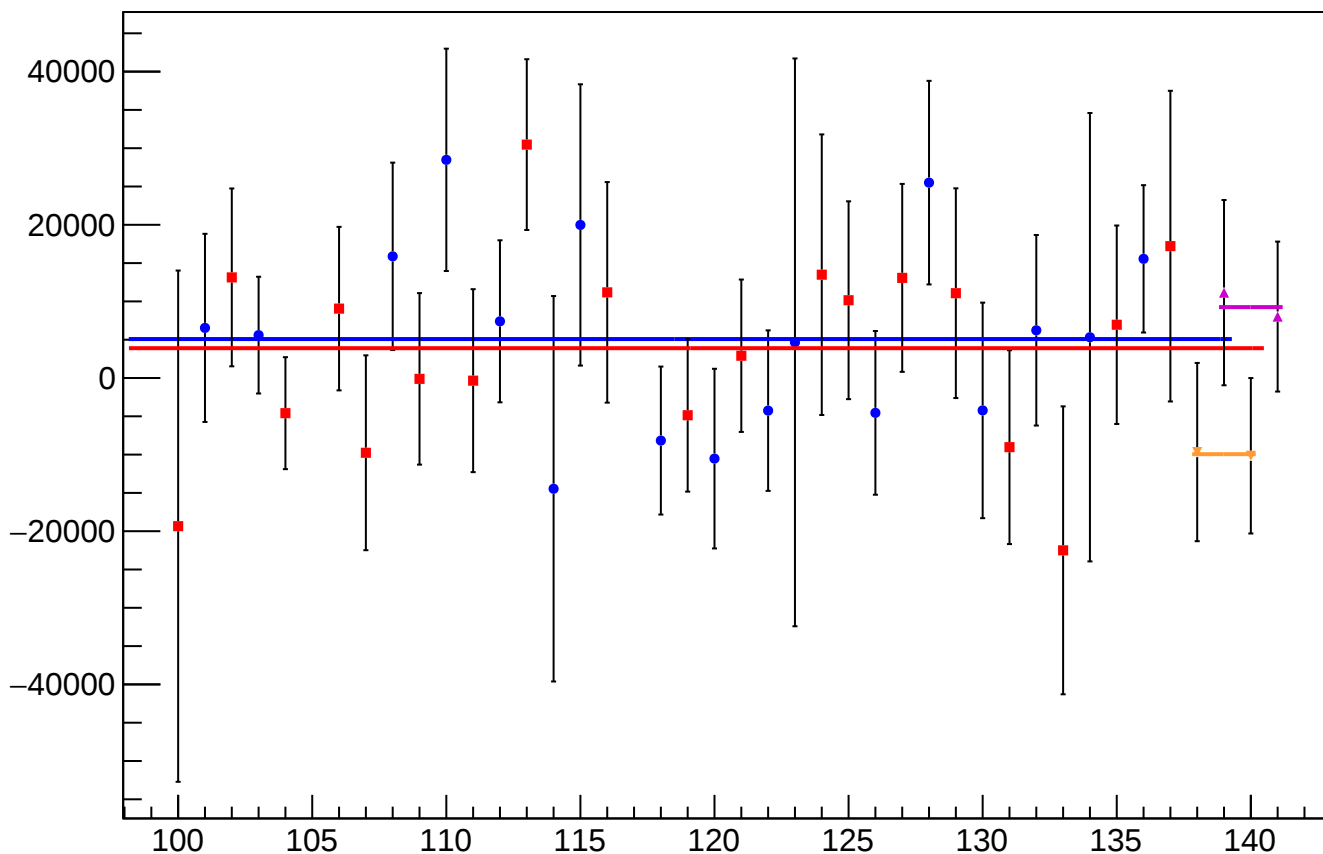
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

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

Out: 6322.837+/-1.629 χ^2/NDF : 2108831.9/20

All: 6827.952+/-1.231 χ^2/NDF : 3019427.7/39

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -9942.653+/-7647.280 χ^2/NDF : 0.0/1

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: -296.539+/-5394.174 χ^2/NDF : 3.2/3

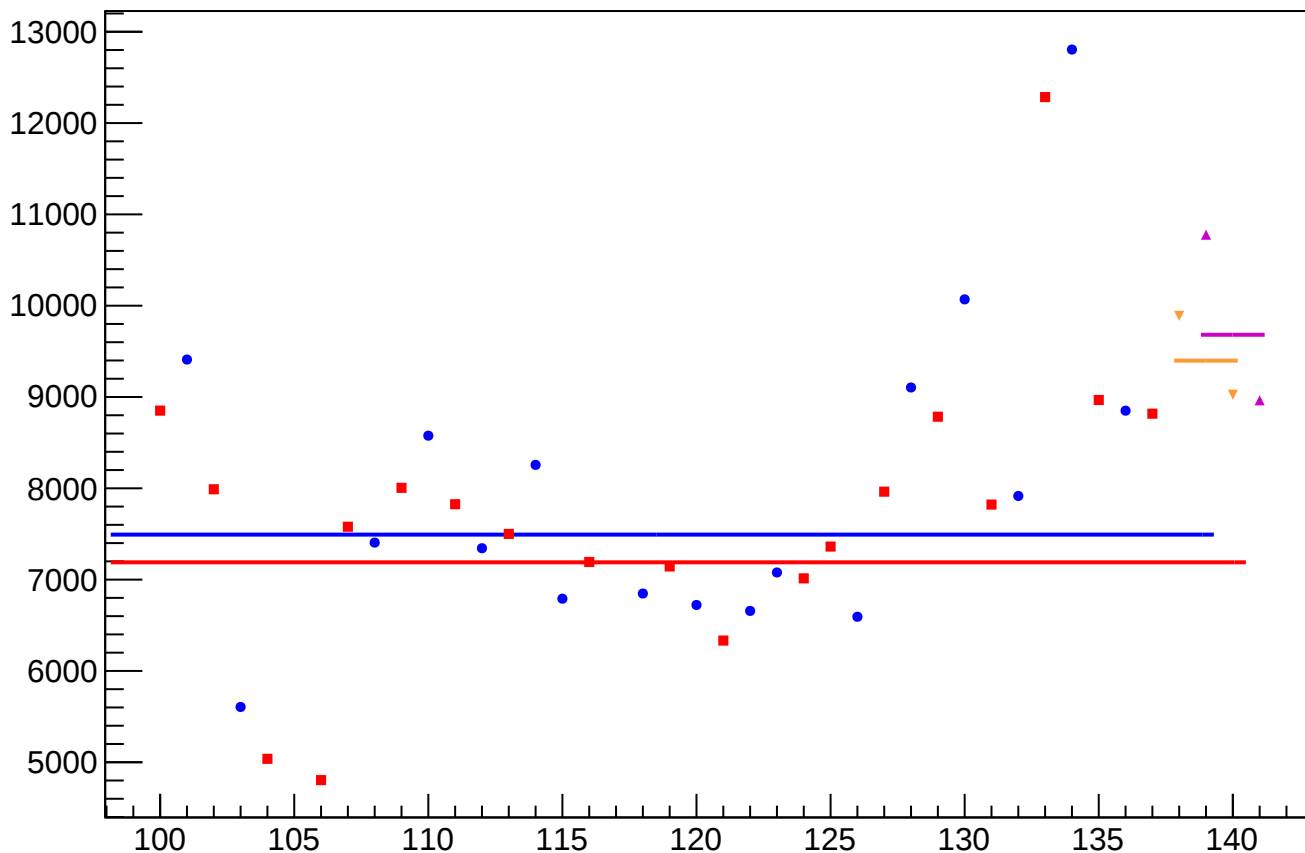
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

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

Out: 2266.581+/-2621.237 χ^2/NDF : 18.6/20

All: 3865.347+/-1898.960 χ^2/NDF : 33.6/39

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9398.007 $\pm$ 5.407 χ^2 /NDF: 6261.5/1

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

Left In: 9681.755 $\pm$ 5.381 χ^2 /NDF: 27166.9/1

Left: 9540.576 $\pm$ 3.814 χ^2 /NDF: 34811.8/3

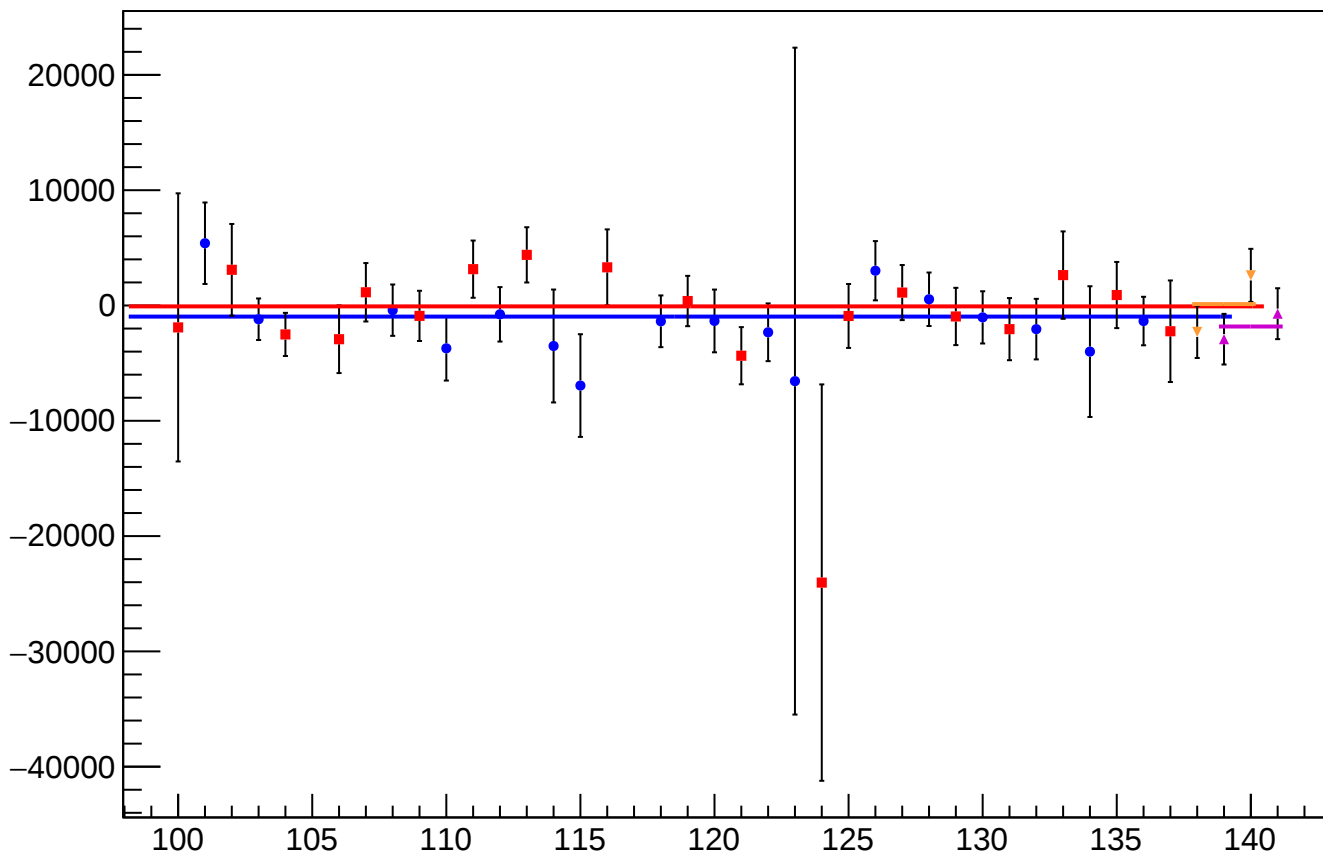
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 7779.746 $\pm$ 1.948 χ^2 /NDF: 608031.7/18

Out: 7448.921 $\pm$ 1.853 χ^2 /NDF: 714367.8/20

All: 7606.104 $\pm$ 1.343 χ^2 /NDF: 1337539.3/39

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 123.529 ± 1613.168 χ^2/NDF : 2.3/1

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: -884.105 ± 1120.166 χ^2/NDF : 3.6/3

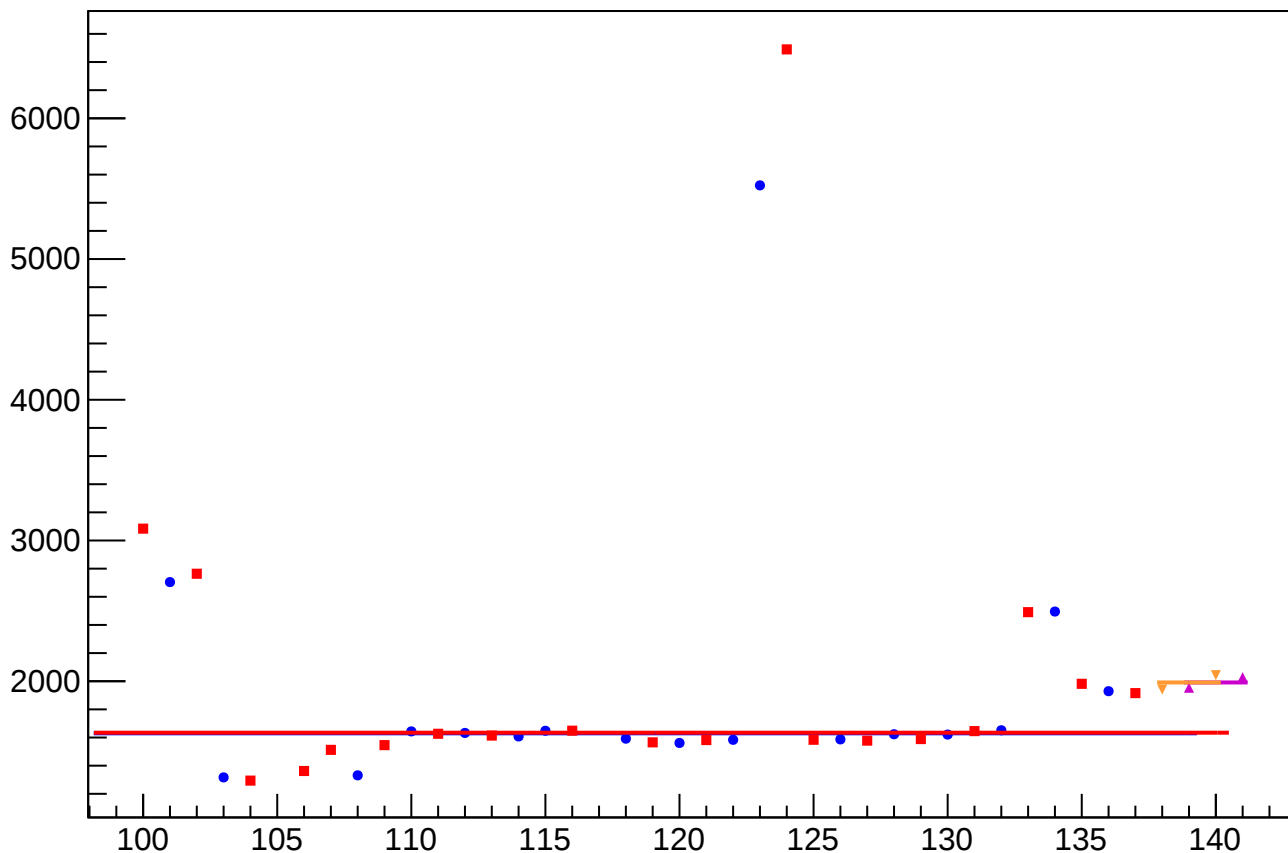
Right: -513.024 ± 451.276 χ^2/NDF : 27.8/35

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

Out: -49.989 ± 589.648 χ^2/NDF : 19.1/20

All: -564.840 ± 418.584 χ^2/NDF : 31.4/39

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1991.322+/-1.141 χ^2/NDF :1998.7/1

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: 1991.289+/-0.792 χ^2/NDF : 3155.0/3

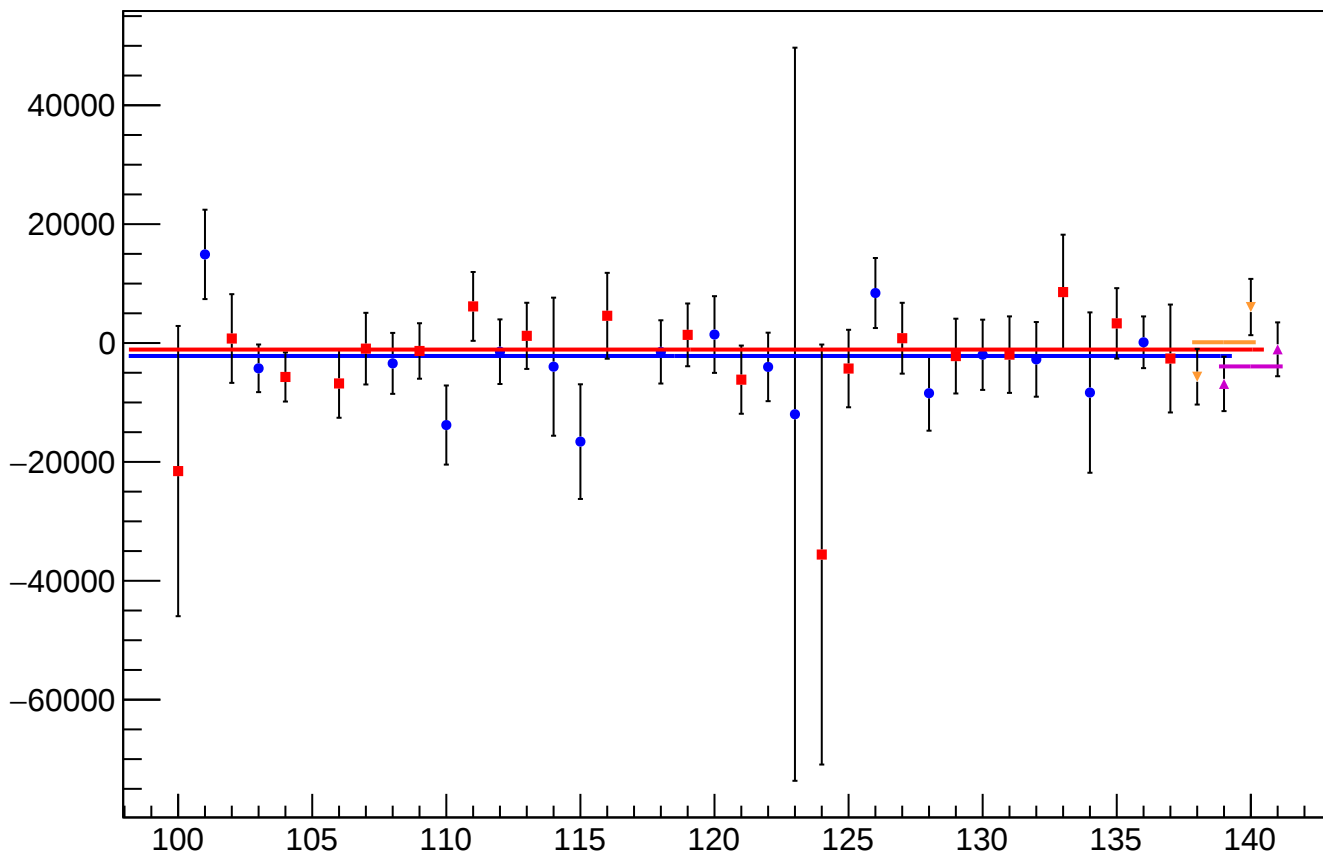
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

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

Out: 1681.963+/-0.417 χ^2/NDF :675542.3/20

All: 1682.289+/-0.296 χ^2/NDF : 1176891.1/39

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 131.109+/-3329.085 χ^2/NDF : 3.1/1

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: -1969.600+/-2314.733 χ^2/NDF : 4.7/3

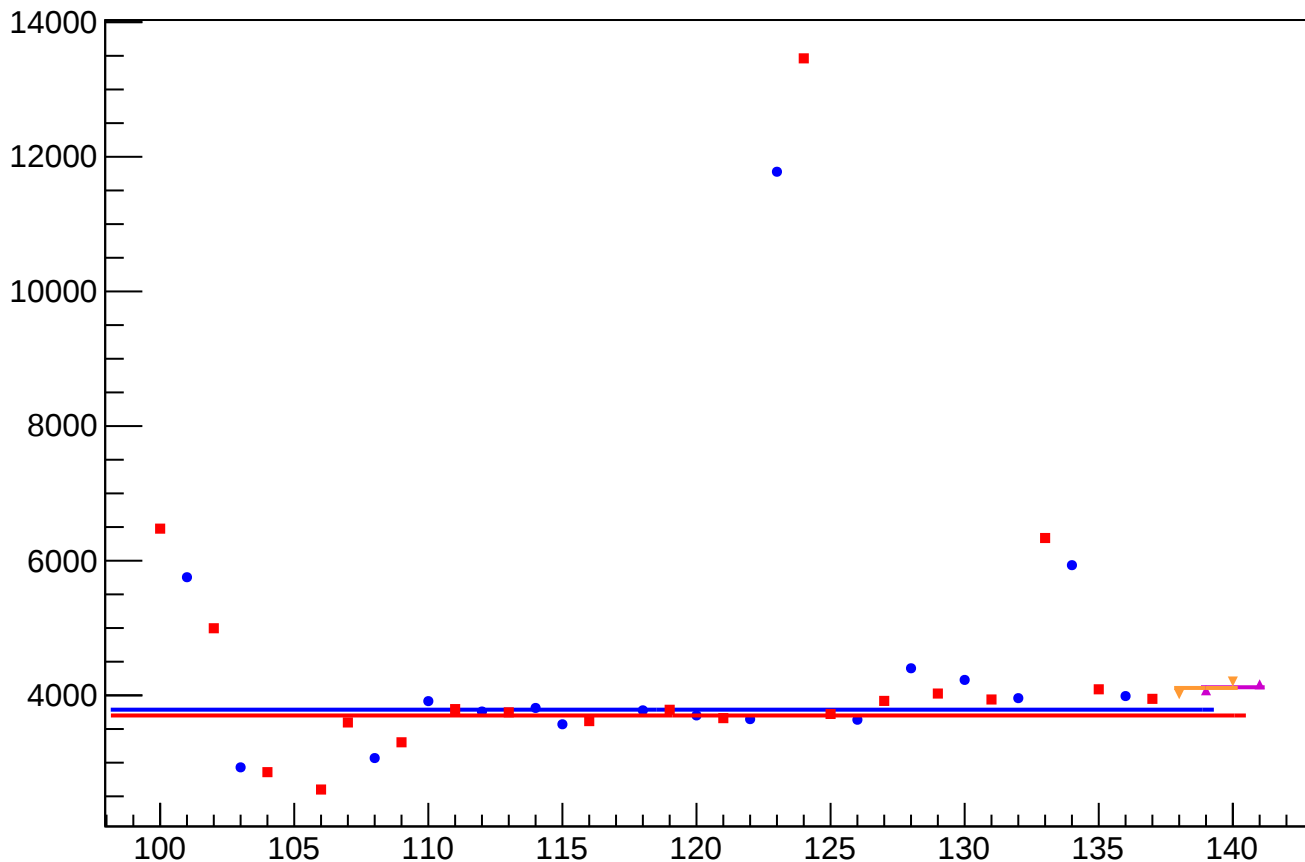
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

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

Out: -904.610+/-1321.518 χ^2/NDF : 12.5/20

All: -1677.709+/-945.918 χ^2/NDF : 30.2/39

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4109.965+/-2.354 χ^2/NDF : 1608.9/1

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: 4115.371+/-1.637 χ^2/NDF : 1997.2/3

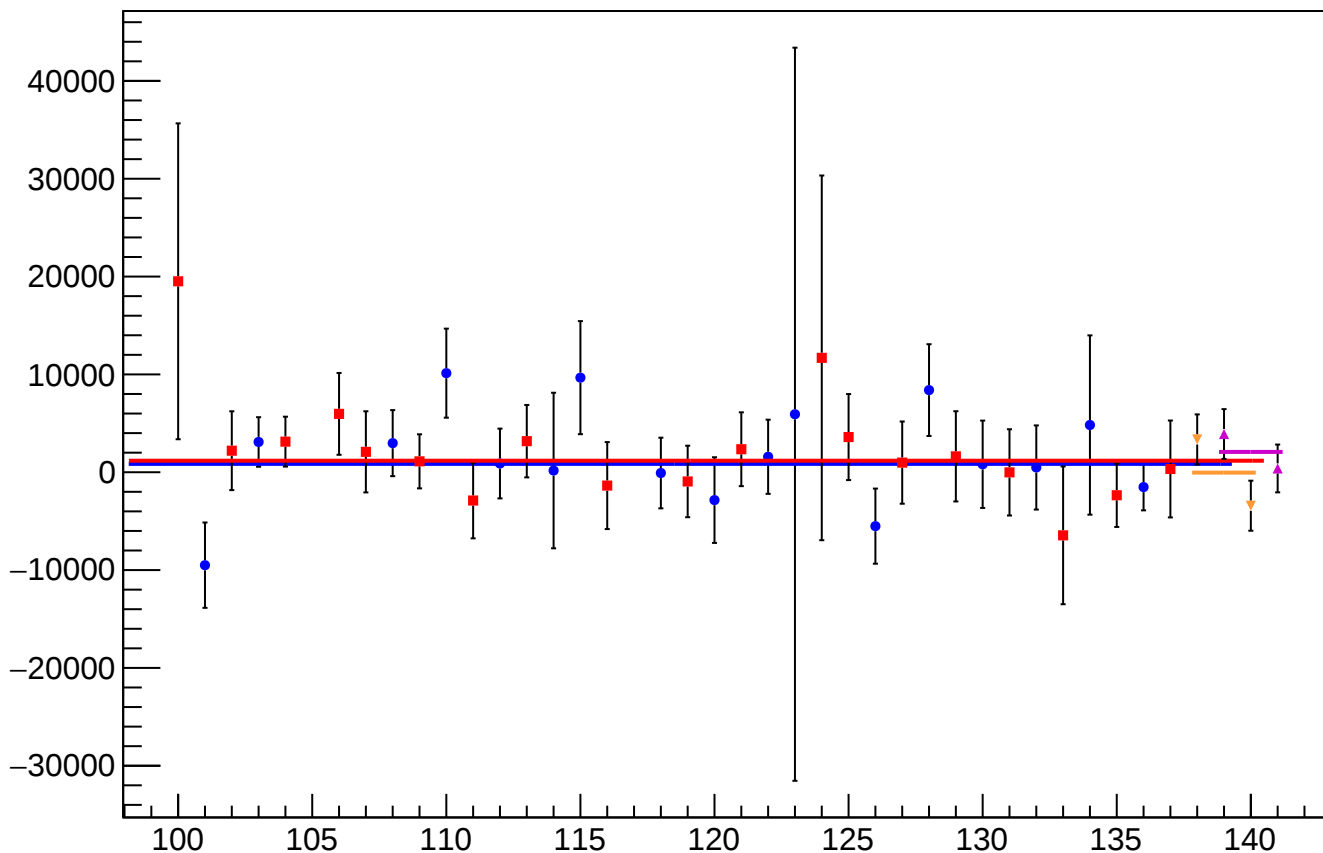
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

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

Out: 3765.384+/-0.934 χ^2/NDF : 608138.7/20

All: 3804.808+/-0.669 χ^2/NDF : 1022430.2/39

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 $\pm$ 964.743 χ^2 /NDF: 20.7/16

Left Out: -37.697 $\pm$ 1808.937 χ^2 /NDF:3.5/1

Right Out: 1178.044 $\pm$ 925.669 χ^2 /NDF: 8.6/18

Left In: 2077.237 $\pm$ 1761.552 χ^2 /NDF:1.0/1

Left: 1047.833 $\pm$ 1262.025 χ^2 /NDF: 5.2/3

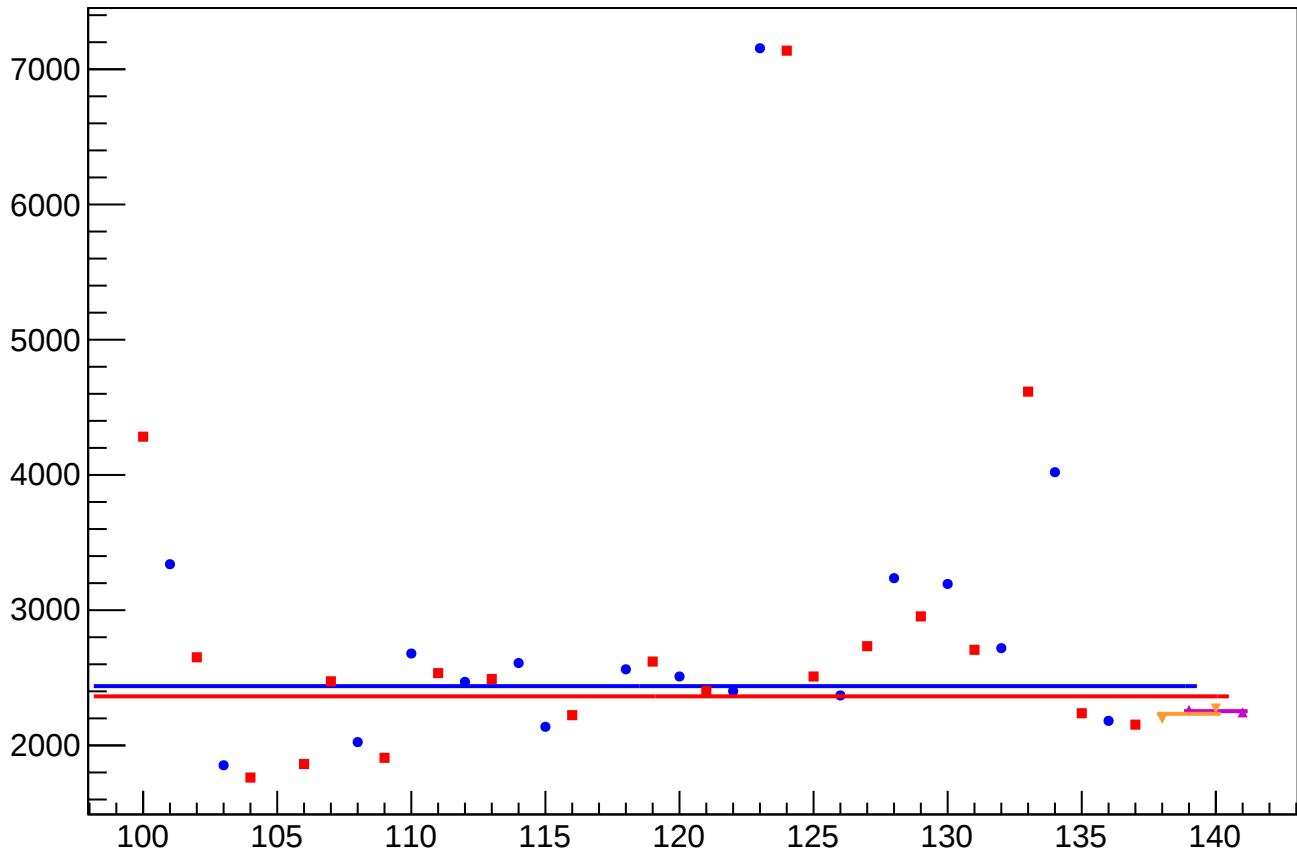
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 1137.923 $\pm$ 846.156 χ^2 /NDF:22.0/18

Out: 925.757 $\pm$ 824.045 χ^2 /NDF:12.4/20

All: 1029.032 $\pm$ 590.350 χ^2 /NDF: 34.5/39

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2233.535+/-1.279 χ^2/NDF : 914.6/1

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

Left In: 2253.515+/-1.246 χ^2/NDF : 56.2/1

Left: 2243.790+/-0.892 χ^2/NDF : 1096.1/3

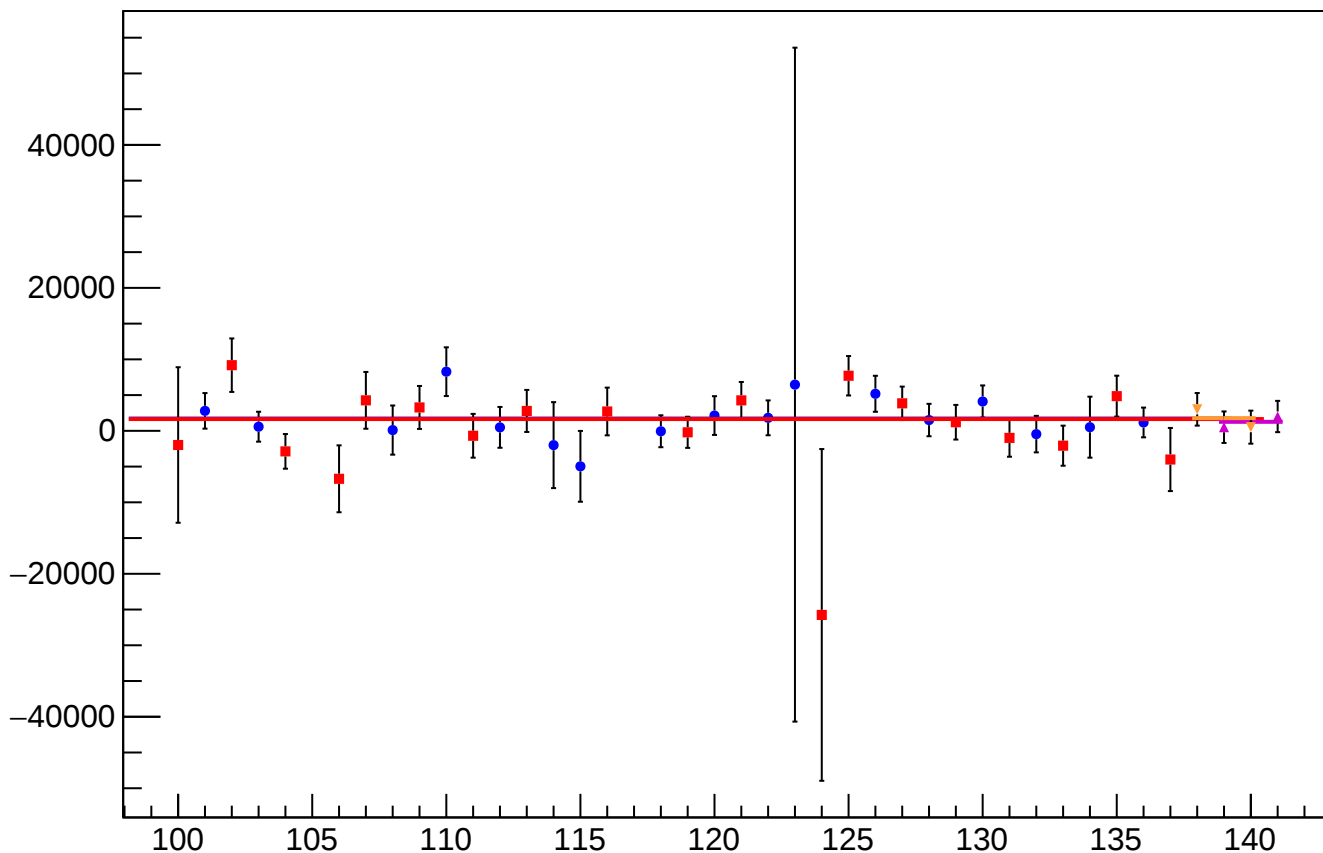
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2395.645+/-0.598 χ^2/NDF : 493704.8/18

Out: 2335.927+/-0.583 χ^2/NDF : 666525.7/20

All: 2364.996+/-0.417 χ^2/NDF : 1165343.3/39

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1778.993+/-1622.931 χ^2/NDF : 0.6/1

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: 1509.427+/-1121.853 χ^2/NDF : 0.9/3

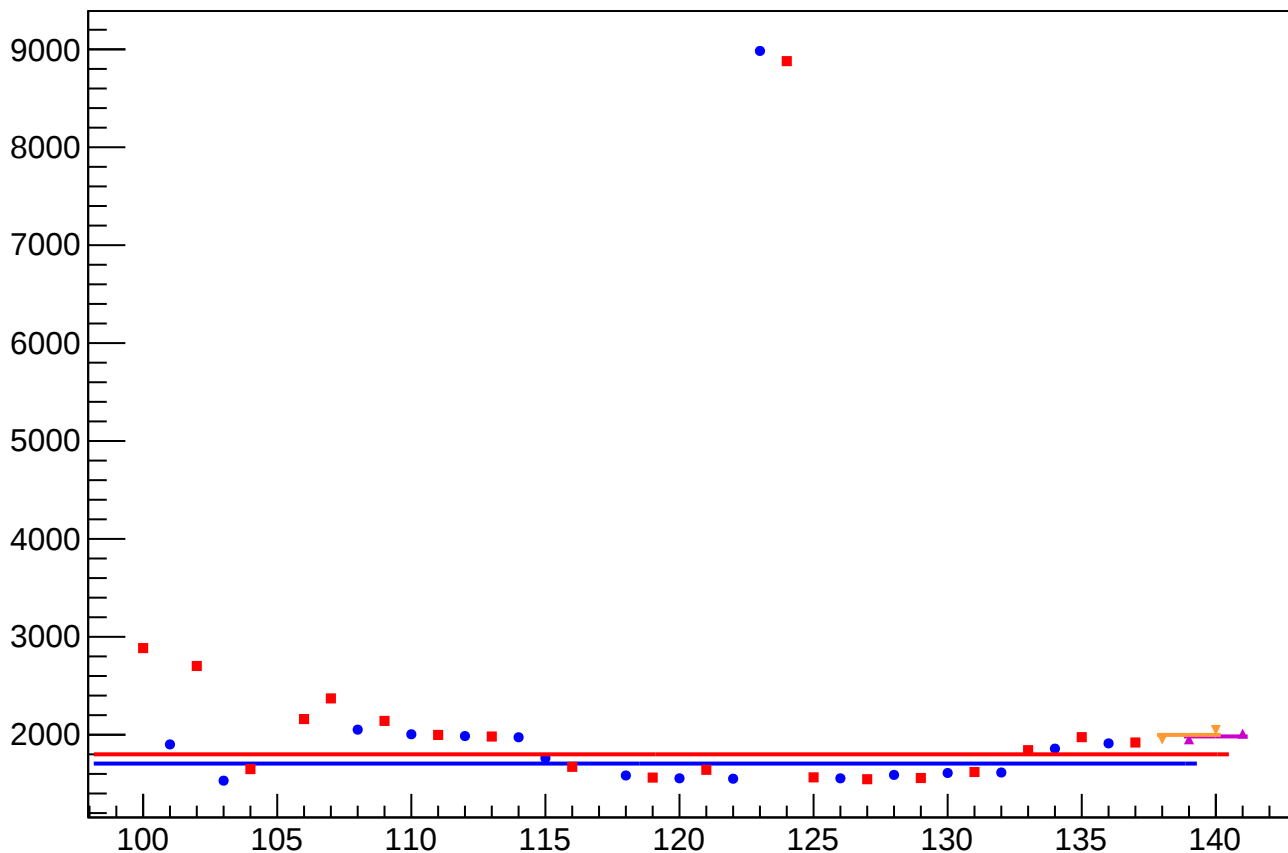
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

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

Out: 1670.396+/-638.326 χ^2/NDF : 27.6/20

All: 1655.856+/-442.120 χ^2/NDF : 39.2/39

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624 $\pm$ 0.472 χ^2 /NDF: 194174.2/16

Left Out: 1998.403 $\pm$ 1.148 χ^2 /NDF:1792.4/1

Right Out: 1799.992 $\pm$ 0.490 χ^2 /NDF: 538779.9/18

Left In: 1982.727 $\pm$ 1.098 χ^2 /NDF:685.4/1

Left: 1990.217 $\pm$ 0.793 χ^2 /NDF: 2575.2/3

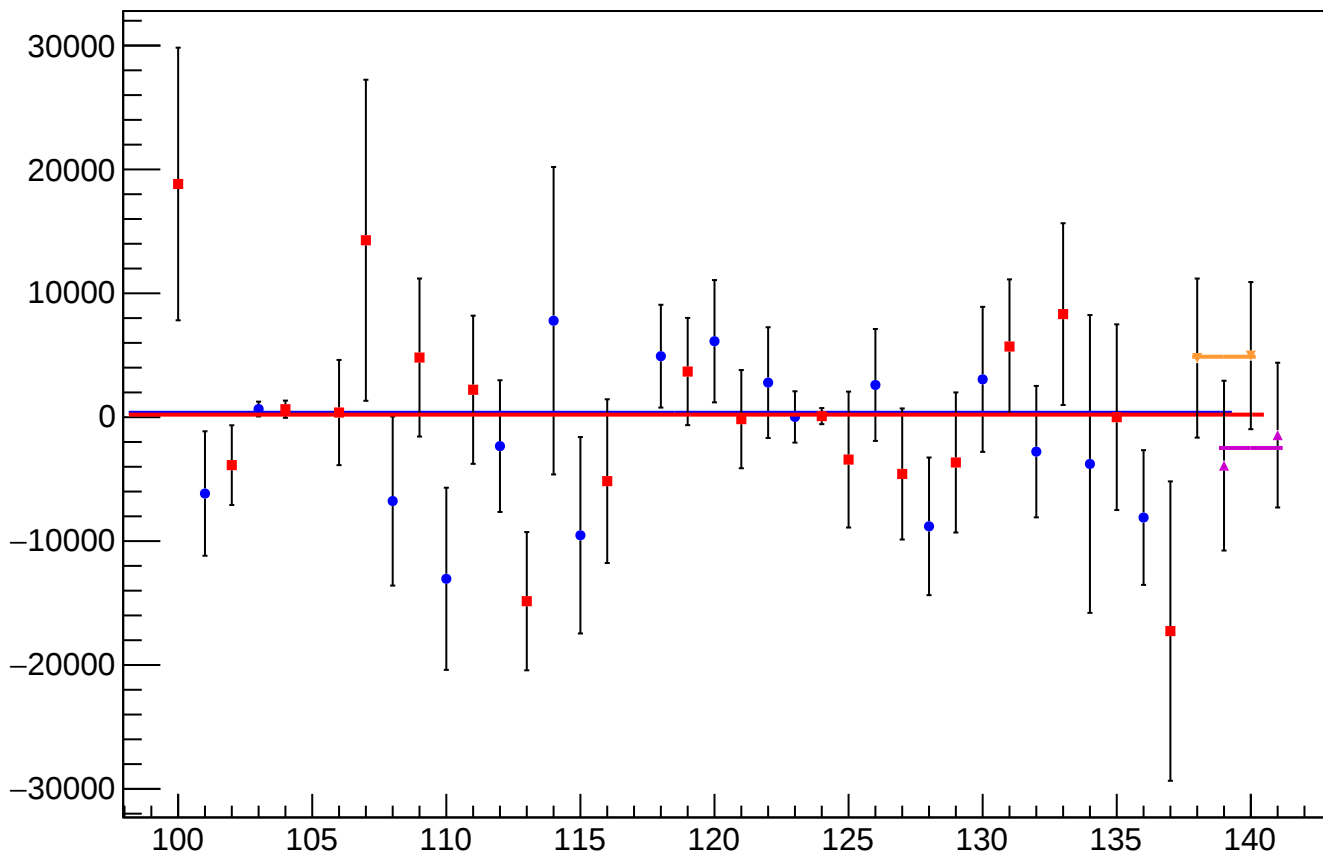
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1748.819 $\pm$ 0.433 χ^2 /NDF:248644.1/18

Out: 1830.572 $\pm$ 0.451 χ^2 /NDF:565857.4/20

All: 1788.114 $\pm$ 0.312 χ^2 /NDF: 831602.7/39

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4880.568+/-4359.848 χ^2/NDF : 0.0/1

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: 1270.870+/-3112.735 χ^2/NDF : 1.5/3

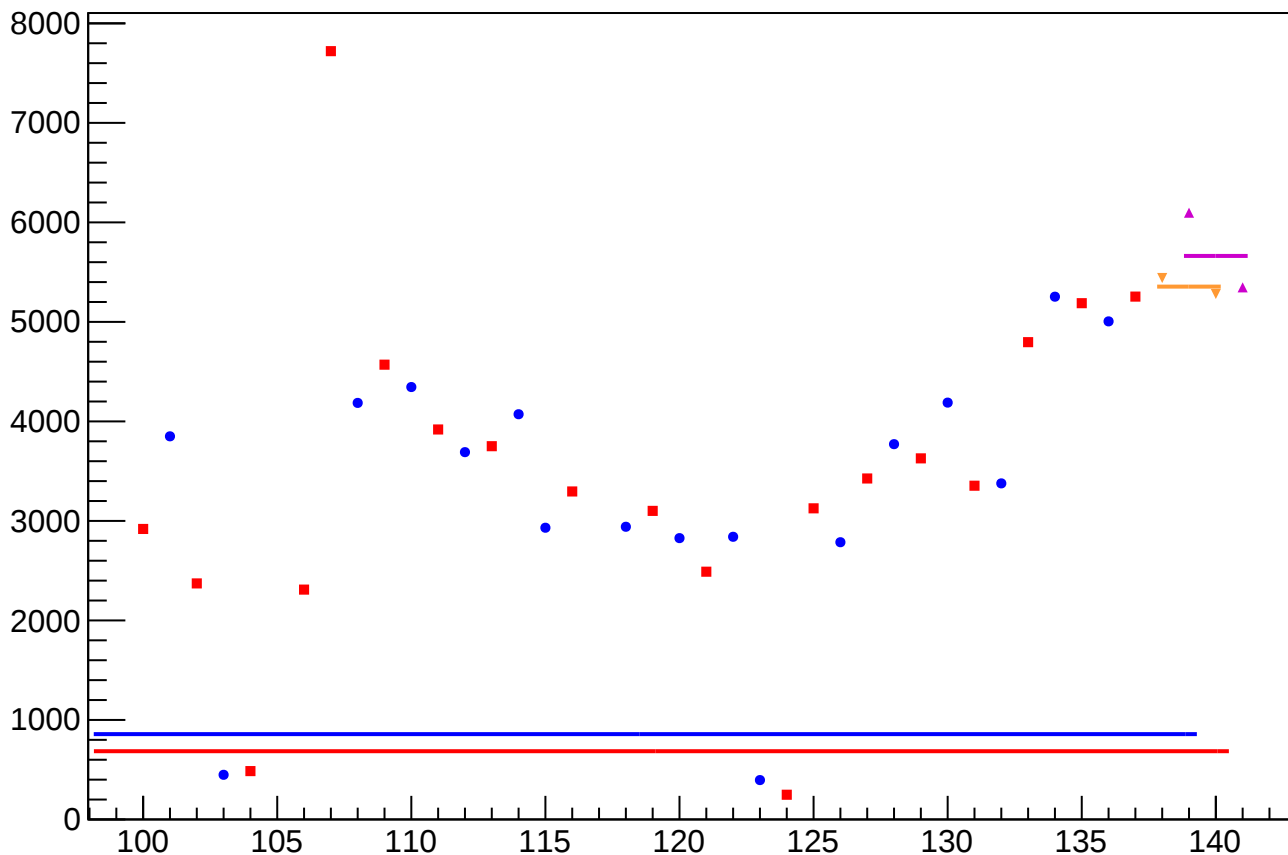
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

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

Out: 258.413+/-444.301 χ^2/NDF : 22.5/20

All: 282.525+/-340.333 χ^2/NDF : 40.5/39

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 5354.525+/-3.083 χ^2/NDF :675.0/1

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: 5505.685+/-2.201 χ^2/NDF : 19461.3/3

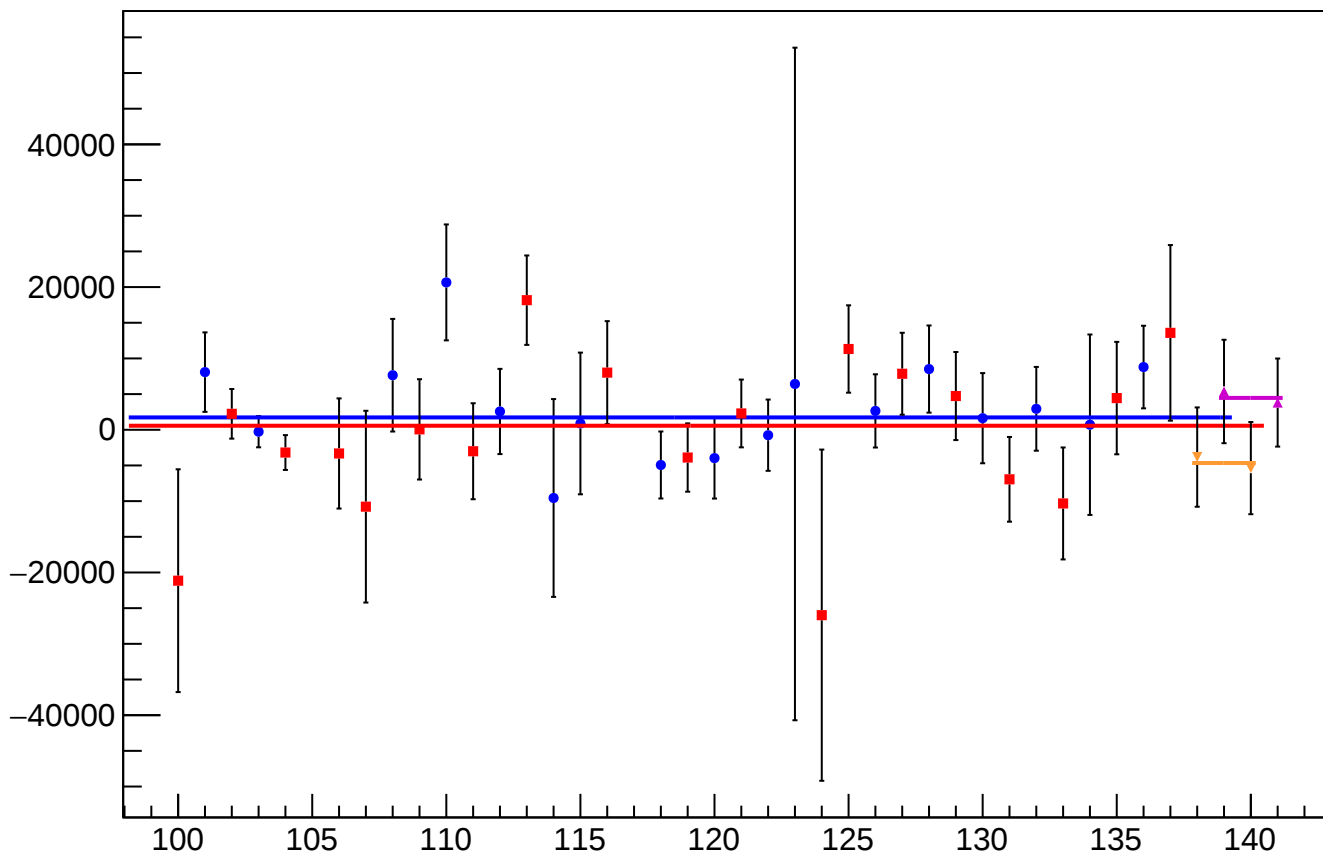
Right: 756.584+/-0.242 χ^2/NDF : 17758209.4/35

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

Out: 734.286+/-0.314 χ^2/NDF :11731392.5/20

All: 813.356+/-0.241 χ^2/NDF : 22377540.3/39

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -4657.140+/-4734.858 χ^2/NDF : 0.0/1

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: -60.365+/-3335.360 χ^2/NDF : 1.9/3

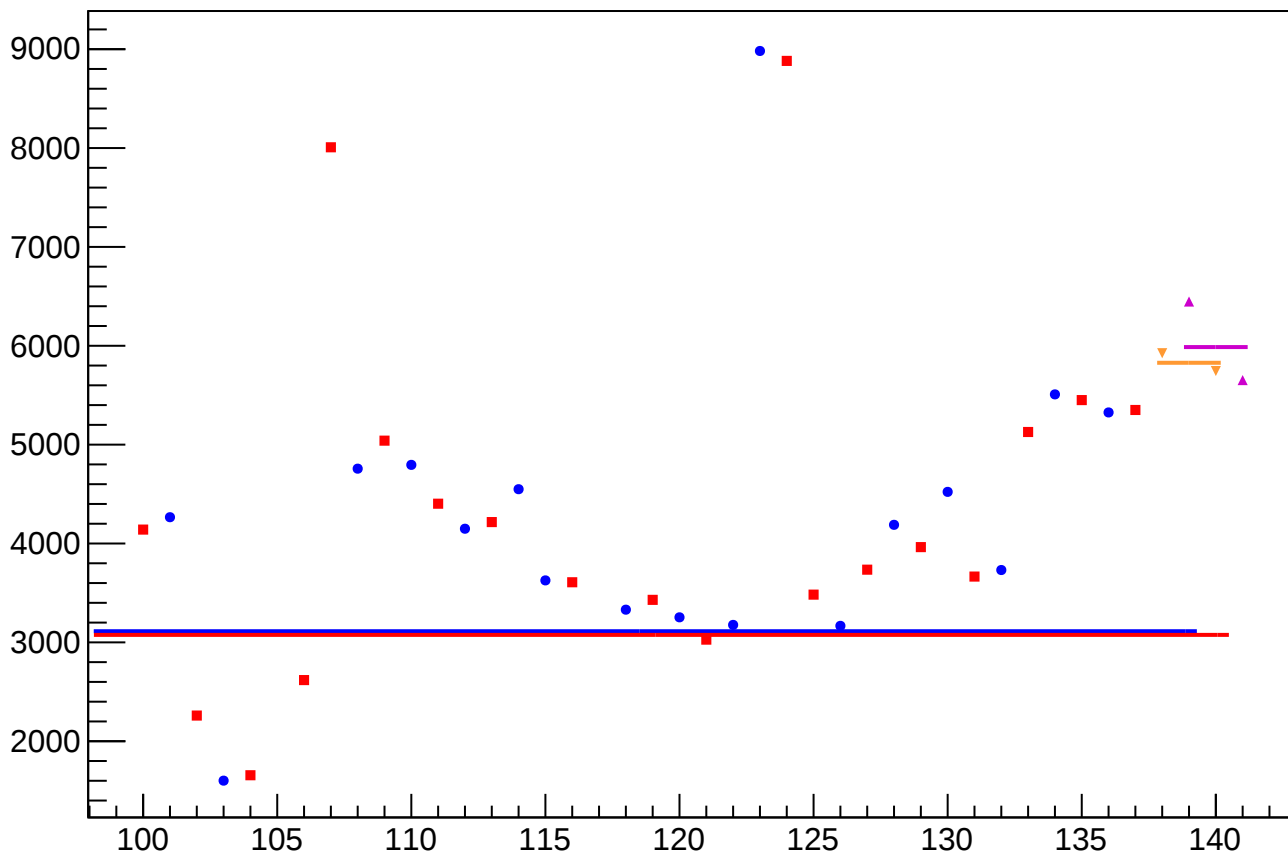
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 208.017+/-1241.319 χ^2/NDF : 28.2/20

All: 1057.628+/-883.258 χ^2/NDF : 44.4/39

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5828.017+/-3.348 χ^2/NDF : 719.2/1

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: 5908.065+/-2.358 χ^2/NDF : 15789.4/3

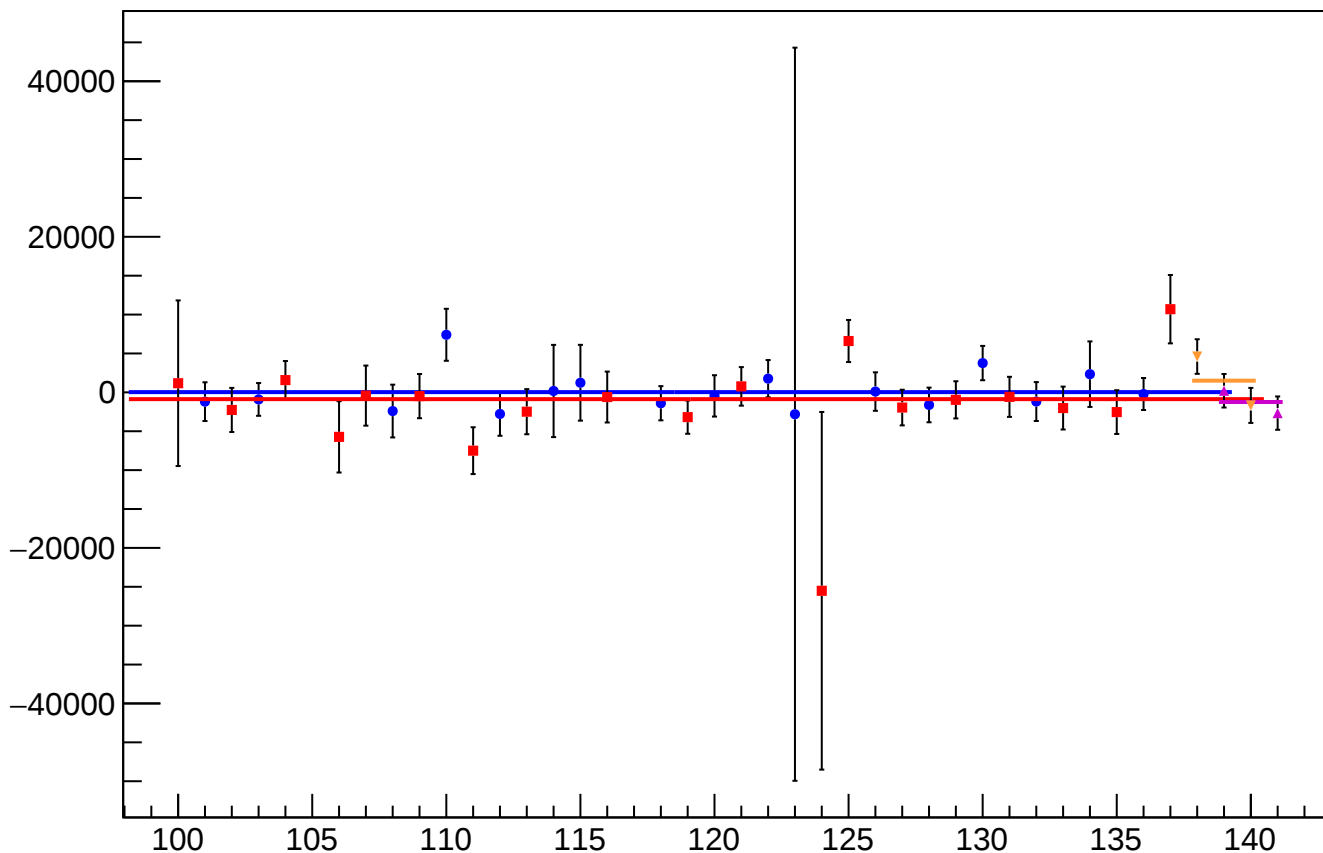
Right: 3093.663+/-0.643 χ^2/NDF : 3896339.1/35

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

Out: 3259.797+/-0.866 χ^2/NDF : 2642309.1/20

All: 3288.313+/-0.620 χ^2/NDF : 5237662.5/39

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1500.368+/-1582.210 χ^2/NDF : 3.9/1

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: 73.641+/-1095.815 χ^2/NDF : 6.4/3

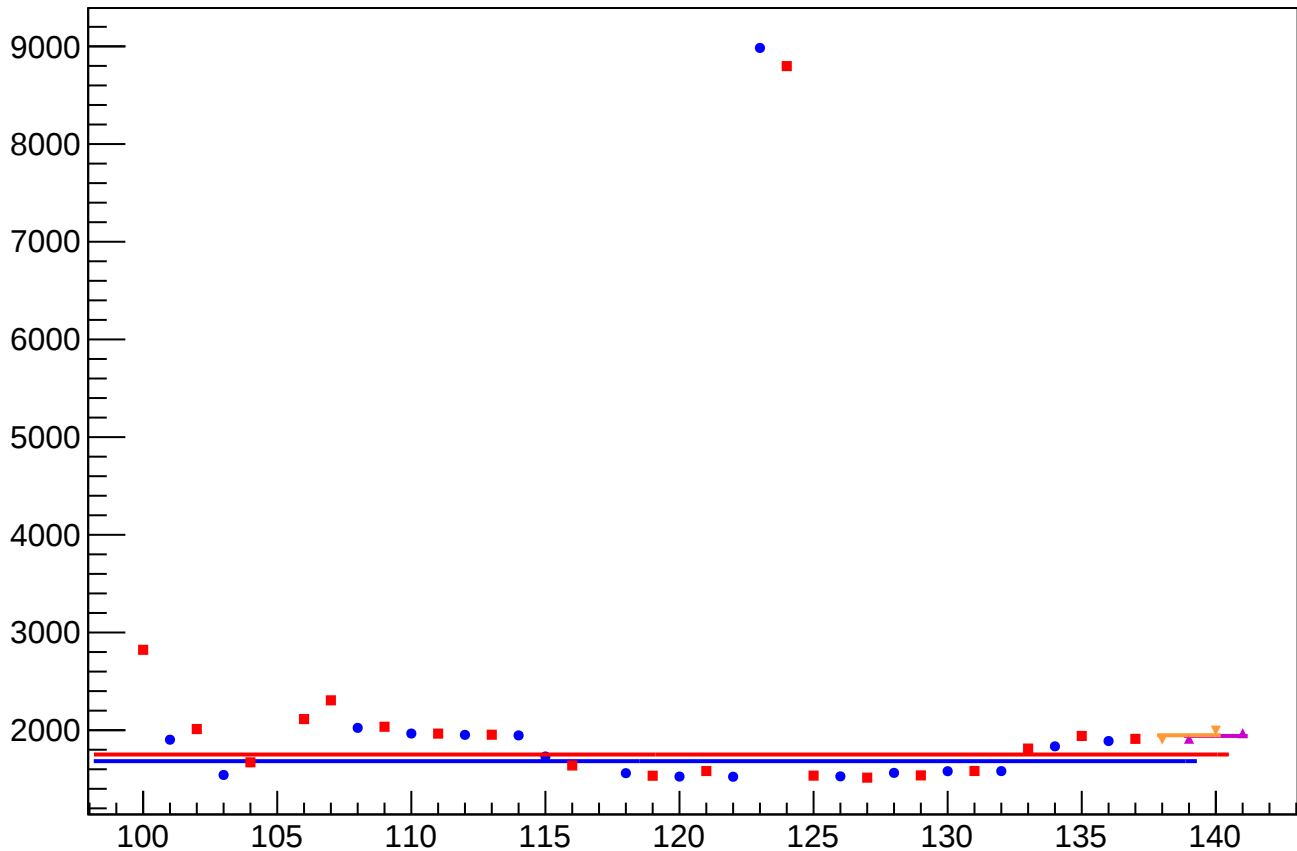
Right: -412.596+/-470.731 χ^2/NDF : 38.4/35

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

Out: -510.378+/-619.516 χ^2/NDF : 31.5/20

All: -336.848+/-432.513 χ^2/NDF : 45.0/39

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1948.132+/-1.119 χ^2/NDF :1714.3/1

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: 1944.494+/-0.775 χ^2/NDF : 2422.5/3

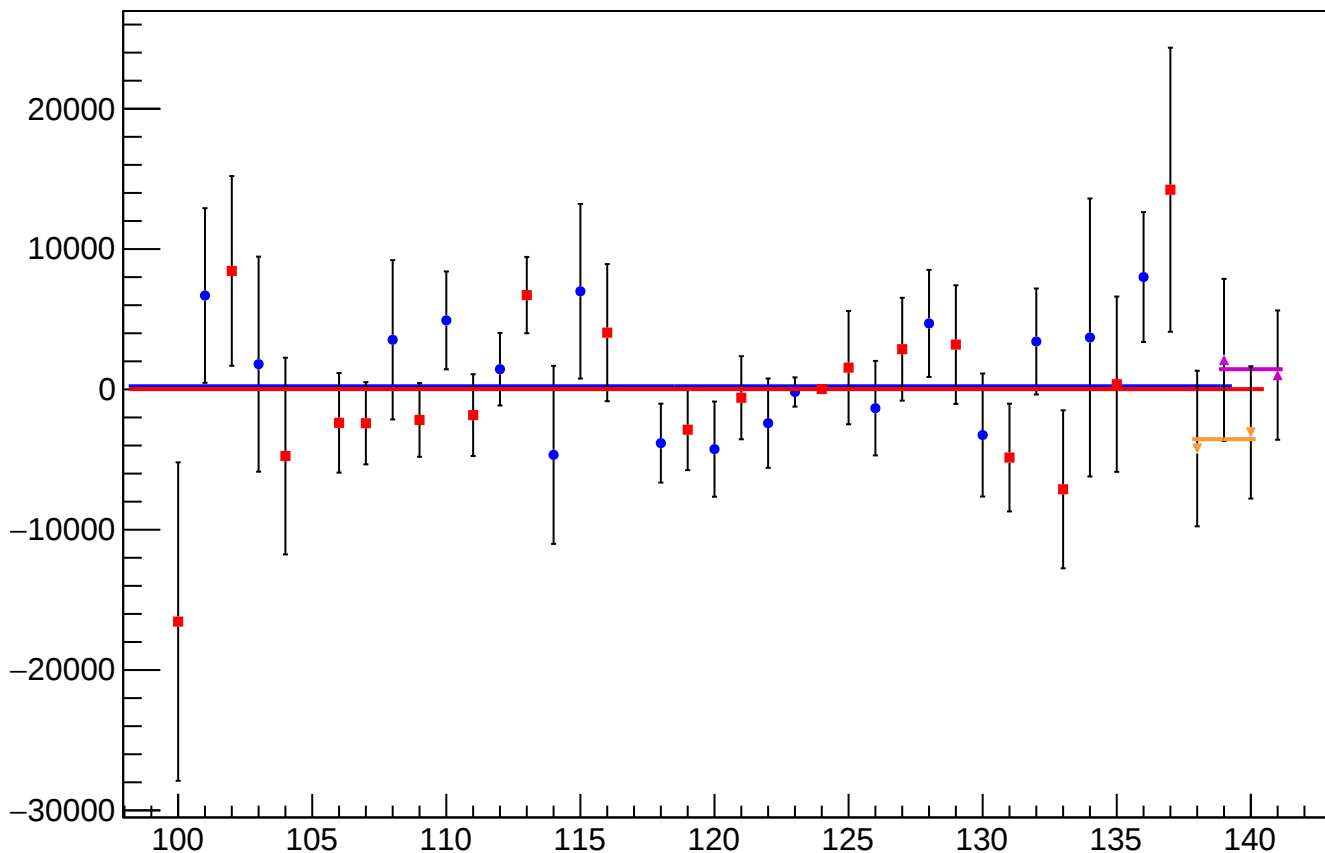
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

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

Out: 1781.183+/-0.437 χ^2/NDF :455065.8/20

All: 1751.886+/-0.306 χ^2/NDF : 708954.4/39

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3548.718 $\pm$ 3590.281 χ^2 /NDF:0.0/1

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: -1062.701 $\pm$ 2542.779 χ^2 /NDF: 1.0/3

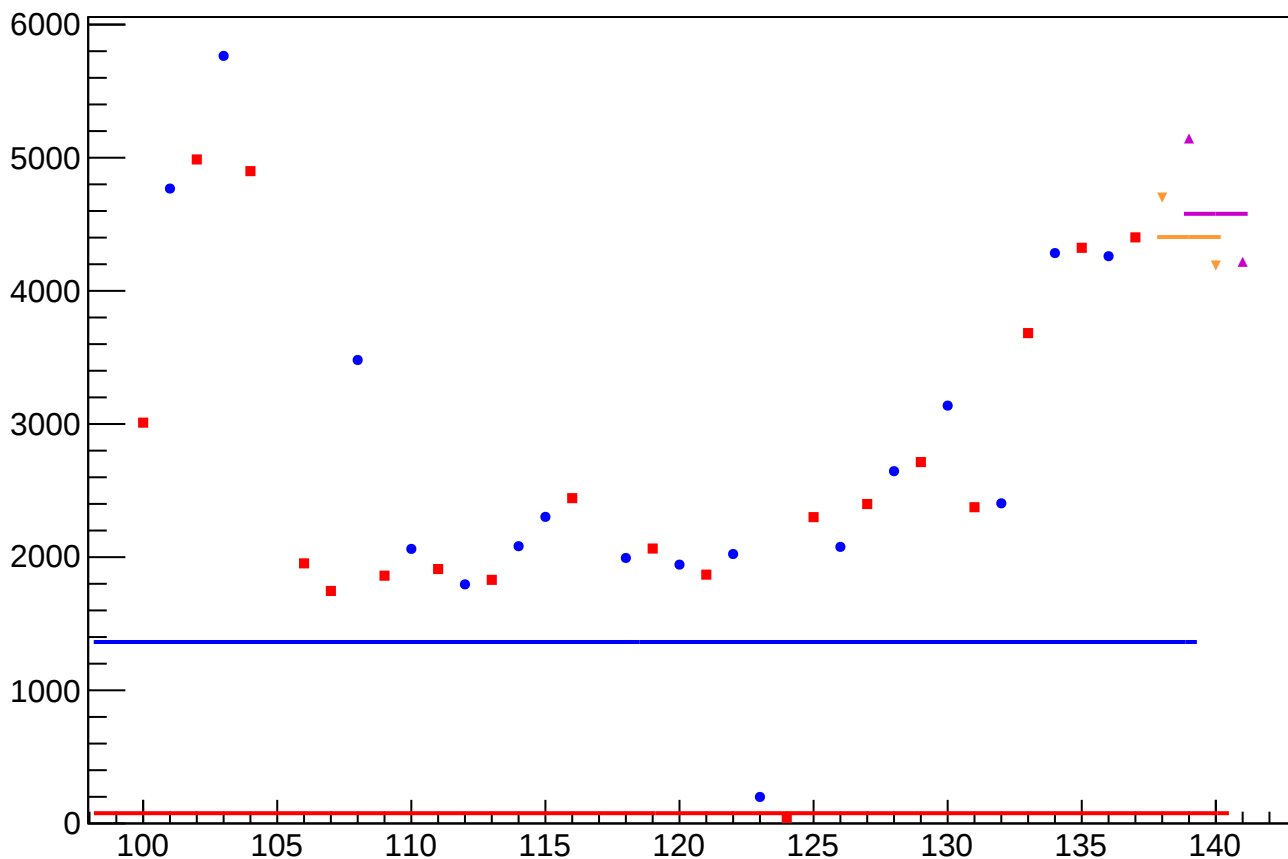
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

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

Out: 16.665 $\pm$ 114.072 χ^2 /NDF:21.7/20

All: 23.013 $\pm$ 112.615 χ^2 /NDF: 37.8/39

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4404.368 $\pm$ 2.539 χ^2/NDF : 9826.6/1

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: 4491.269 $\pm$ 1.798 χ^2/NDF : 43620.2/3

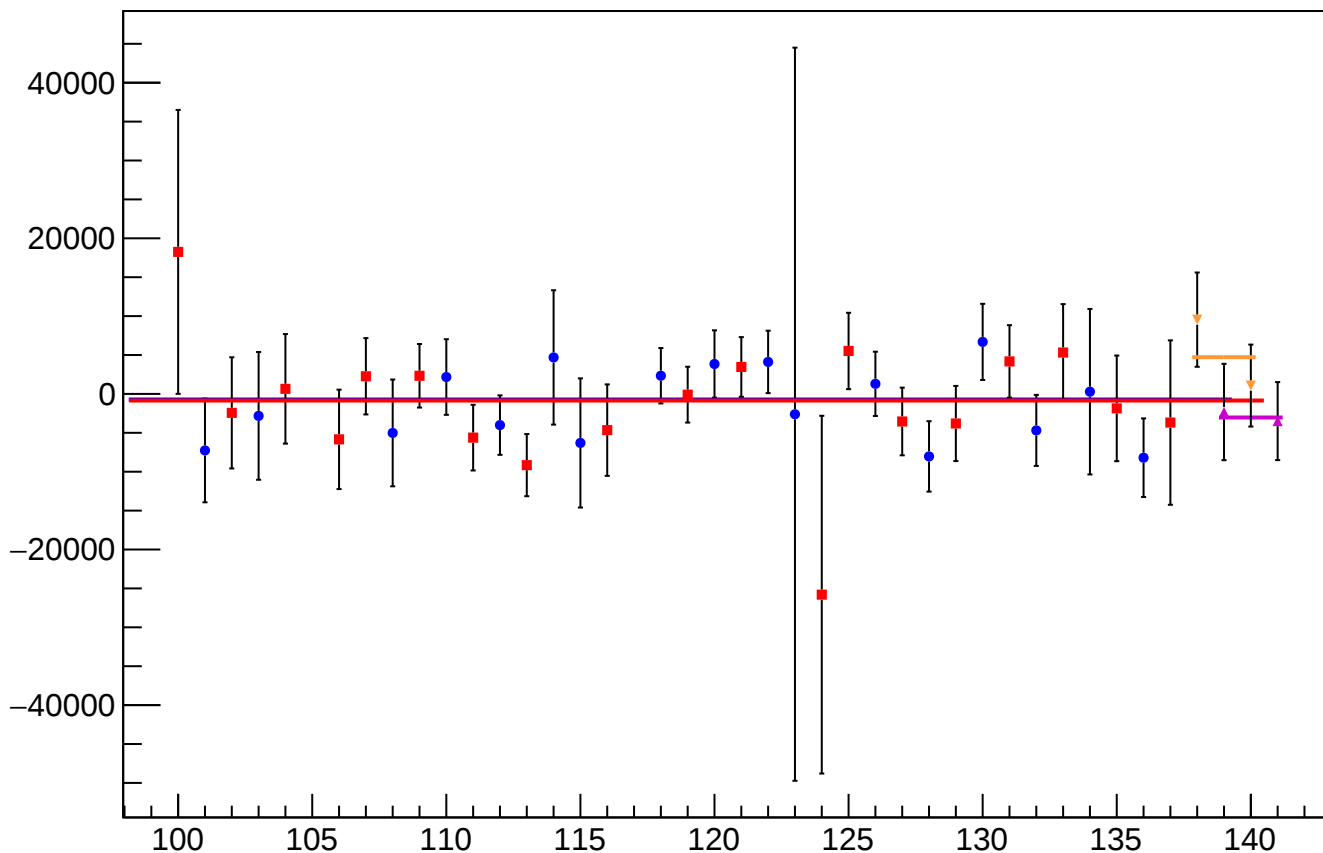
Right: 108.564 $\pm$ 0.080 χ^2/NDF : 25689718.3/35

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

Out: 81.497 $\pm$ 0.081 χ^2/NDF : 16160269.3/20

All: 117.161 $\pm$ 0.080 χ^2/NDF : 31663199.1/35

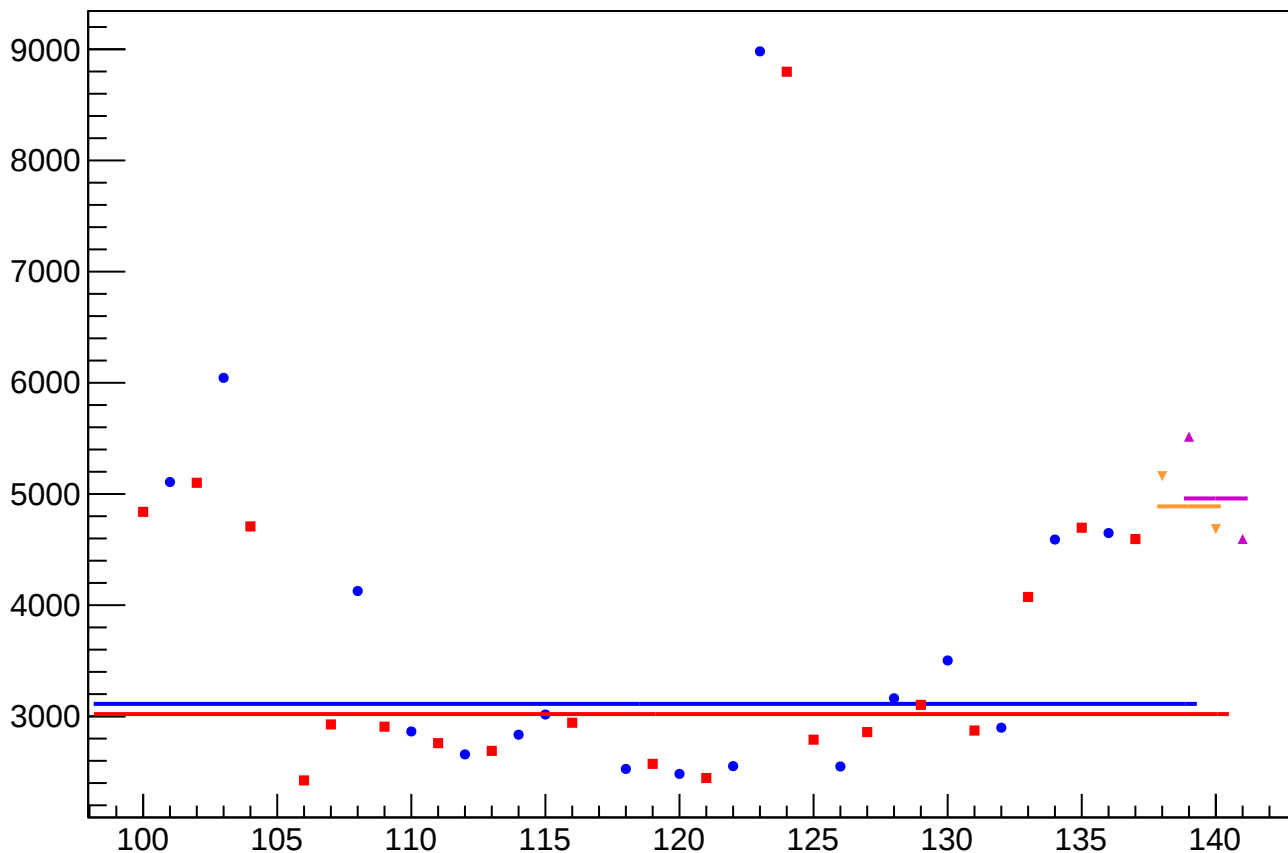
asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483 ± 1252.519 $\chi^2/\text{NDF}: 14.8/16$
 Left Out: 4717.890 ± 3975.639 $\chi^2/\text{NDF}: 1.1/1$
 Right Out: -849.844 ± 1191.907 $\chi^2/\text{NDF}: 16.0/18$
 Left In: -3032.775 ± 3896.267 $\chi^2/\text{NDF}: 0.0/1$

Left: 764.416 ± 2782.714 $\chi^2/\text{NDF}: 3.1/3$
 Right: -788.845 ± 863.438 $\chi^2/\text{NDF}: 30.8/35$
 In: -937.962 ± 1192.421 $\chi^2/\text{NDF}: 15.1/18$
 Out: -390.678 ± 1141.702 $\chi^2/\text{NDF}: 18.9/20$
 All: -652.434 ± 824.653 $\chi^2/\text{NDF}: 34.1/39$

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4888.686+/-2.811 χ^2/NDF :7032.0/1

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

Left In: 4959.876+/-2.755 χ^2/NDF :26684.3/1

Left: 4924.999+/-1.968 χ^2/NDF : 34043.4/3

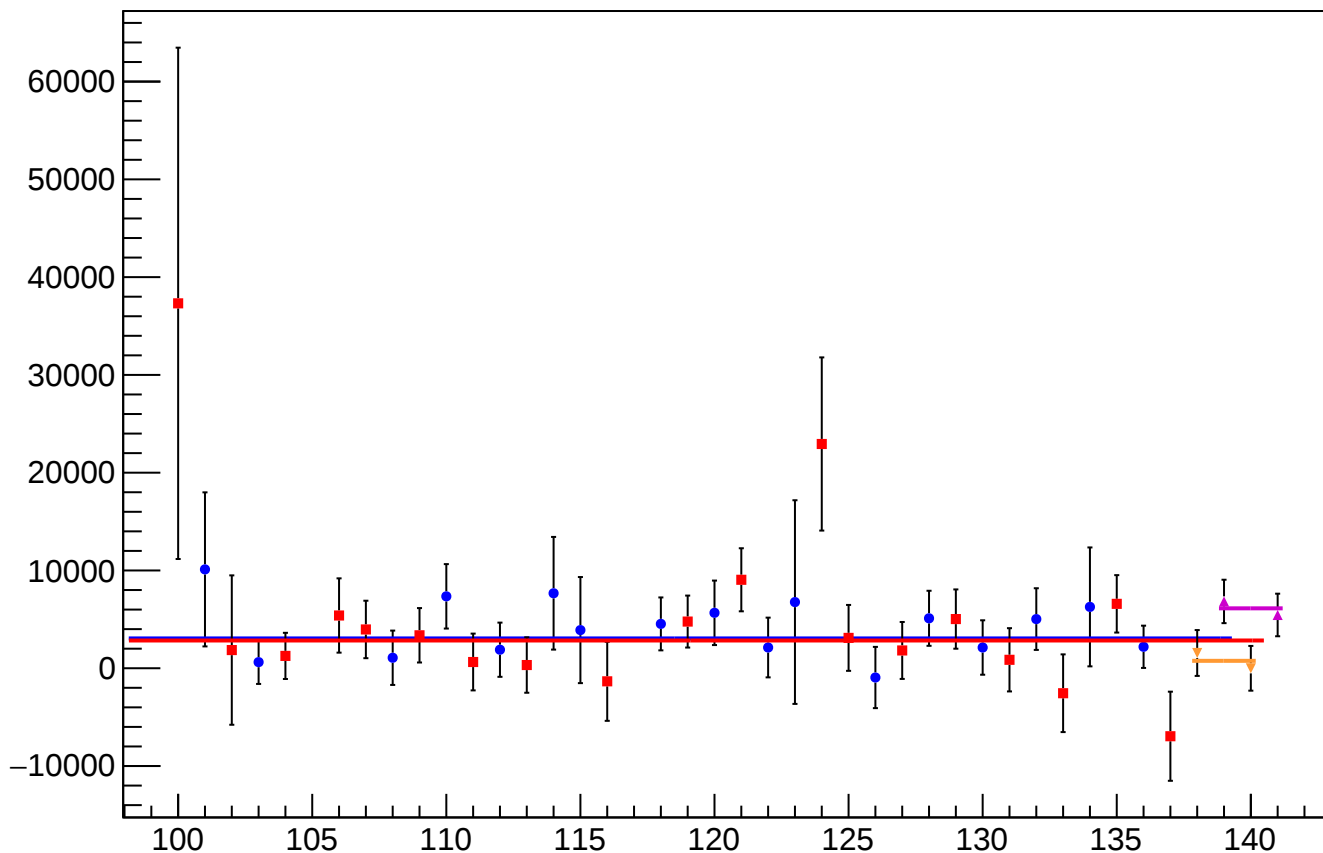
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3285.283+/-0.843 χ^2/NDF :1392806.4/18

Out: 3170.931+/-0.798 χ^2/NDF :1207346.9/20

All: 3224.966+/-0.580 χ^2/NDF : 2609855.3/39

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 757.943+/-1637.724 χ^2/NDF : 0.2/1

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: 3582.310+/-1127.443 χ^2/NDF : 6.1/3

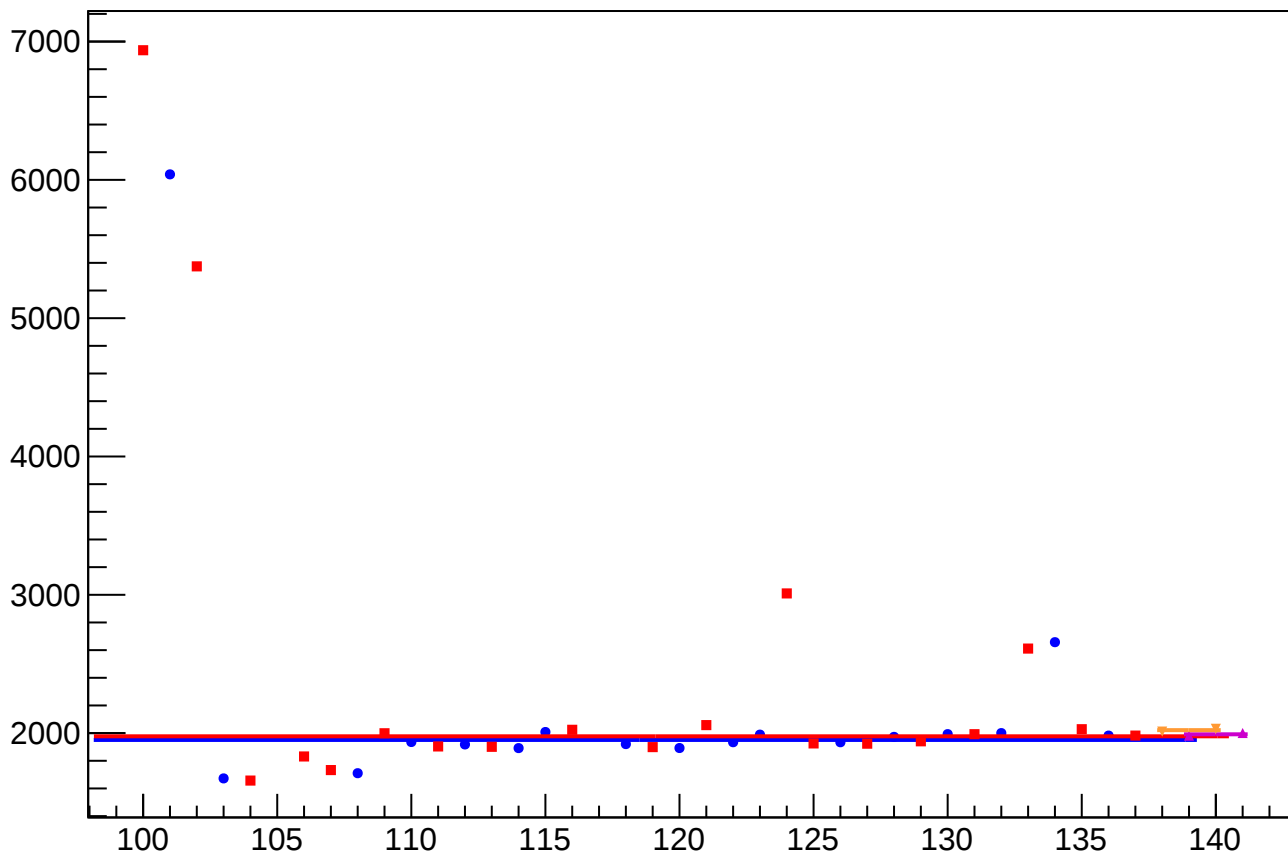
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

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

Out: 2465.324+/-693.769 χ^2/NDF : 25.3/20

All: 3063.688+/-489.819 χ^2/NDF : 39.4/39

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2021.501+/-1.158 χ^2/NDF : 76.3/1

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: 2005.698+/-0.797 χ^2/NDF : 506.5/3

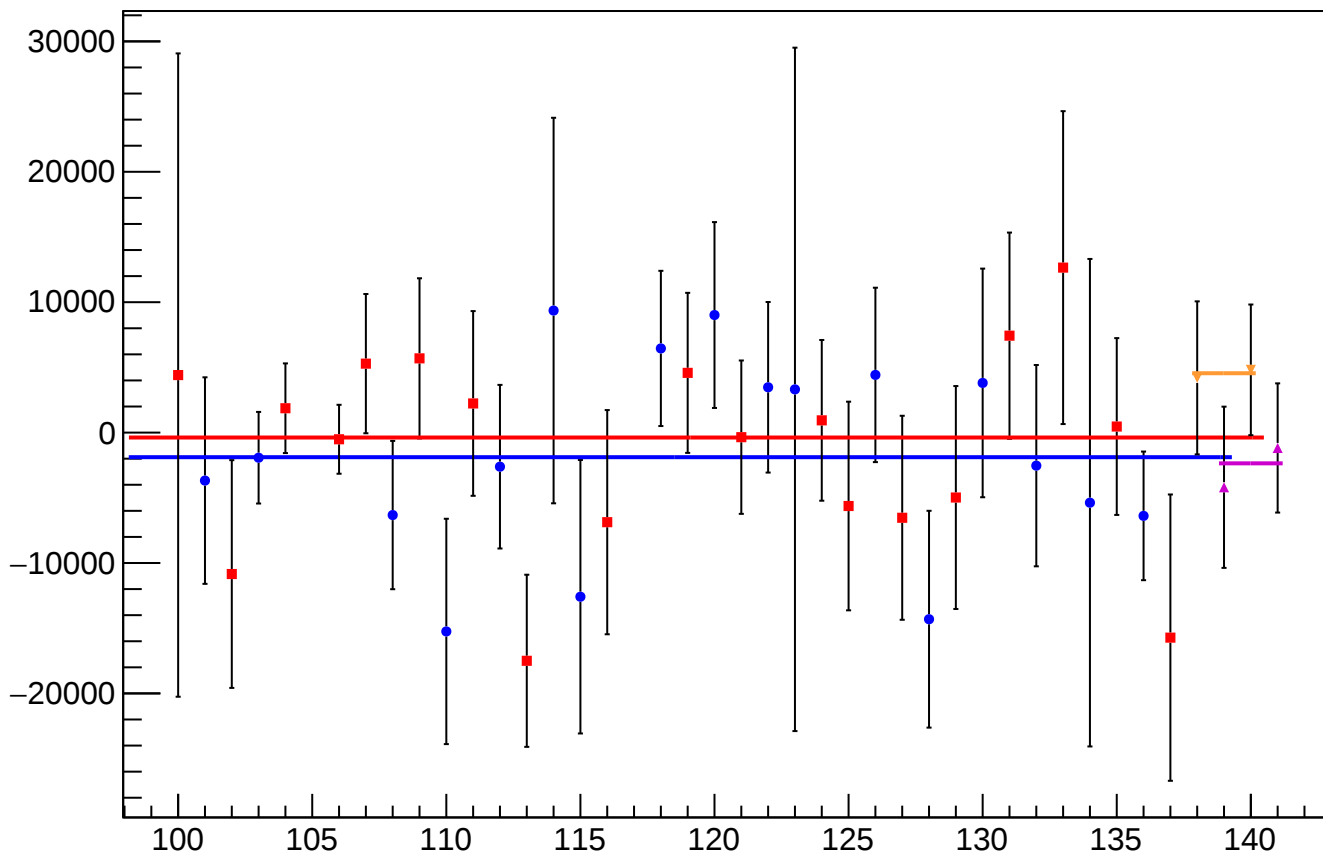
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

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

Out: 1984.961+/-0.490 χ^2/NDF : 608995.7/20

All: 1971.829+/-0.346 χ^2/NDF : 1226771.8/39

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4552.619+/-3810.066 χ^2/NDF : 0.0/1

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: 1147.882+/-2713.637 χ^2/NDF : 1.8/3

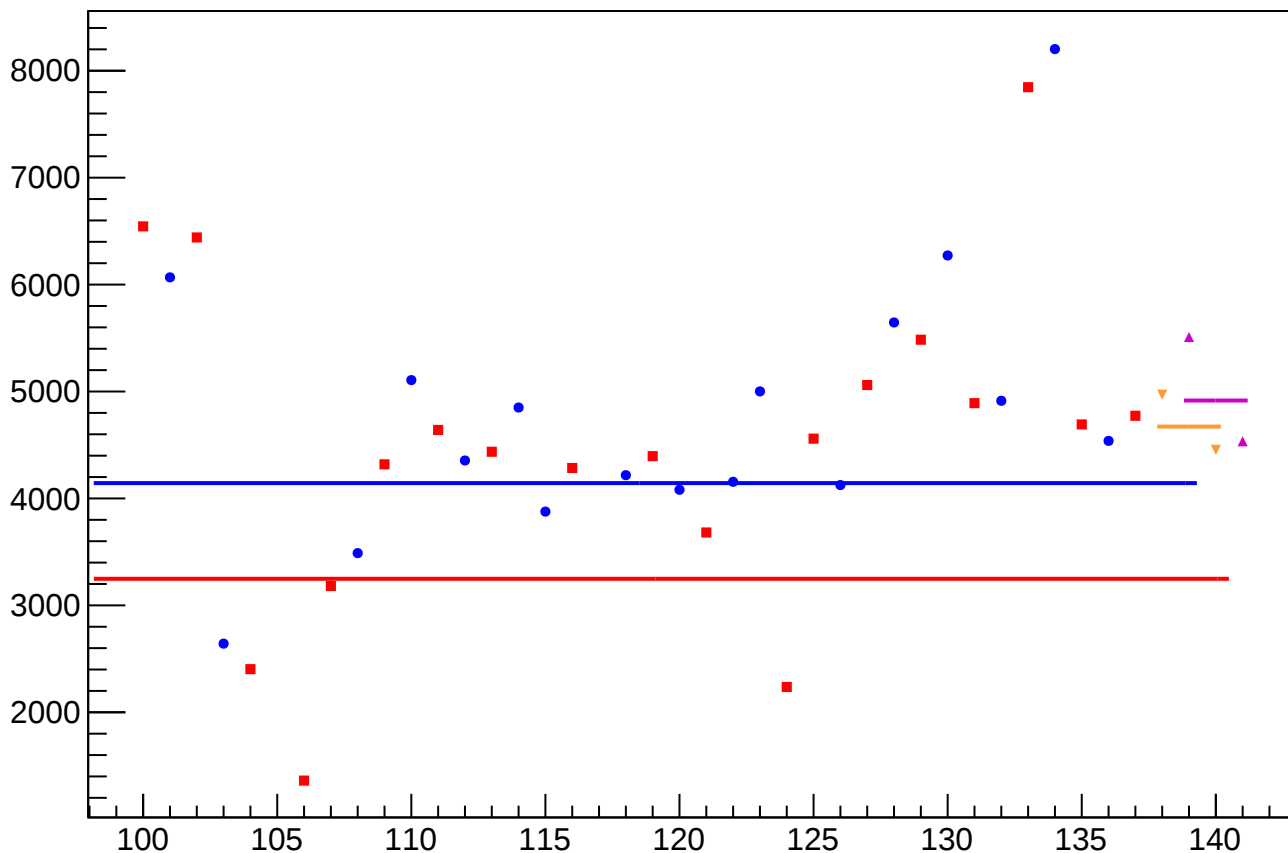
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

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

Out: 179.957+/-1280.526 χ^2/NDF : 19.1/20

All: -705.227+/-980.324 χ^2/NDF : 34.5/39

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4671.887+/-2.694 χ^2/NDF : 8930.1/1

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: 4792.138+/-1.919 χ^2/NDF : 43278.2/3

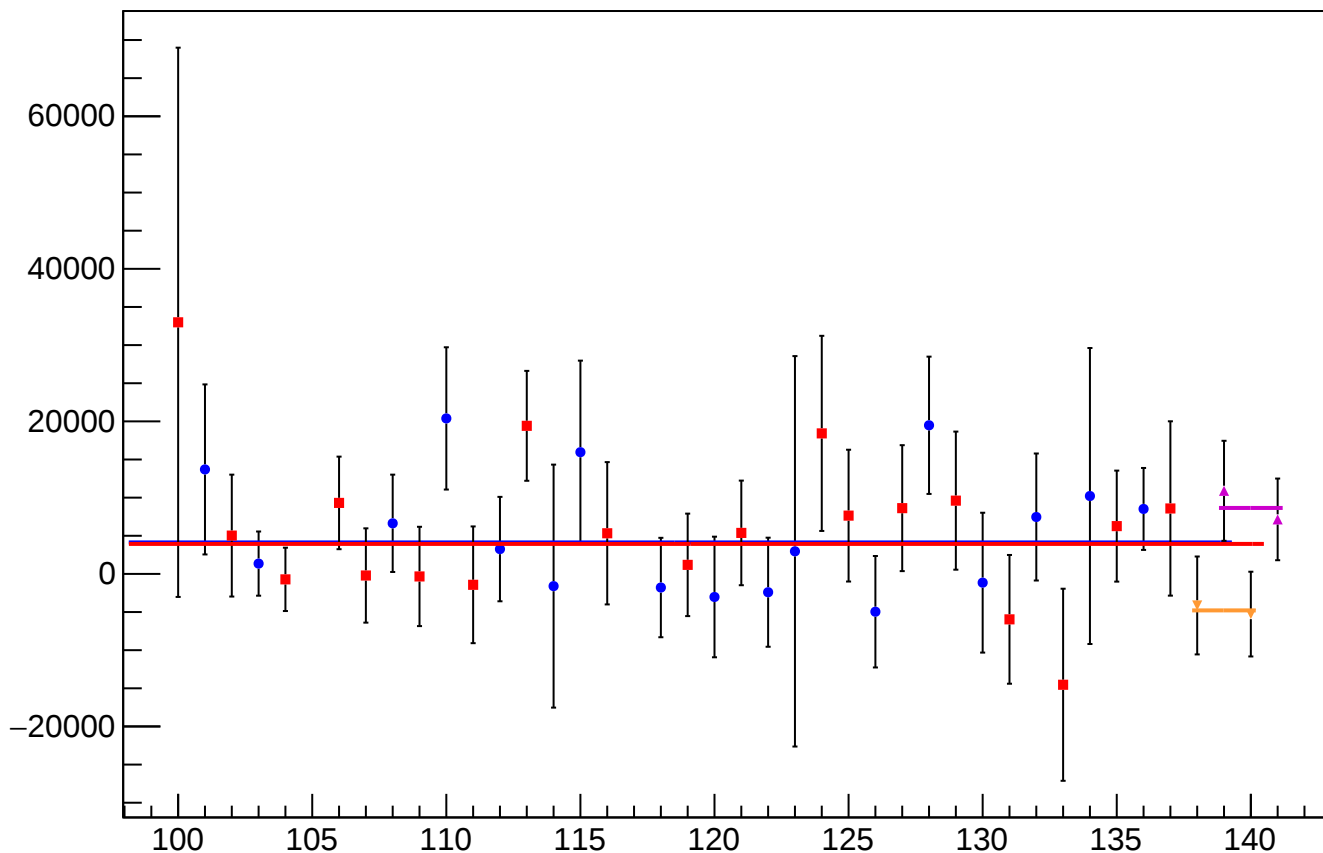
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

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

Out: 3409.400+/-0.905 χ^2/NDF : 2874261.2/20

All: 3762.917+/-0.693 χ^2/NDF : 4196254.9/35

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -4783.955 $\pm$ 4200.571 χ^2 /NDF: 0.0/1

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: 2018.208 $\pm$ 2951.151 χ^2 /NDF: 5.4/3

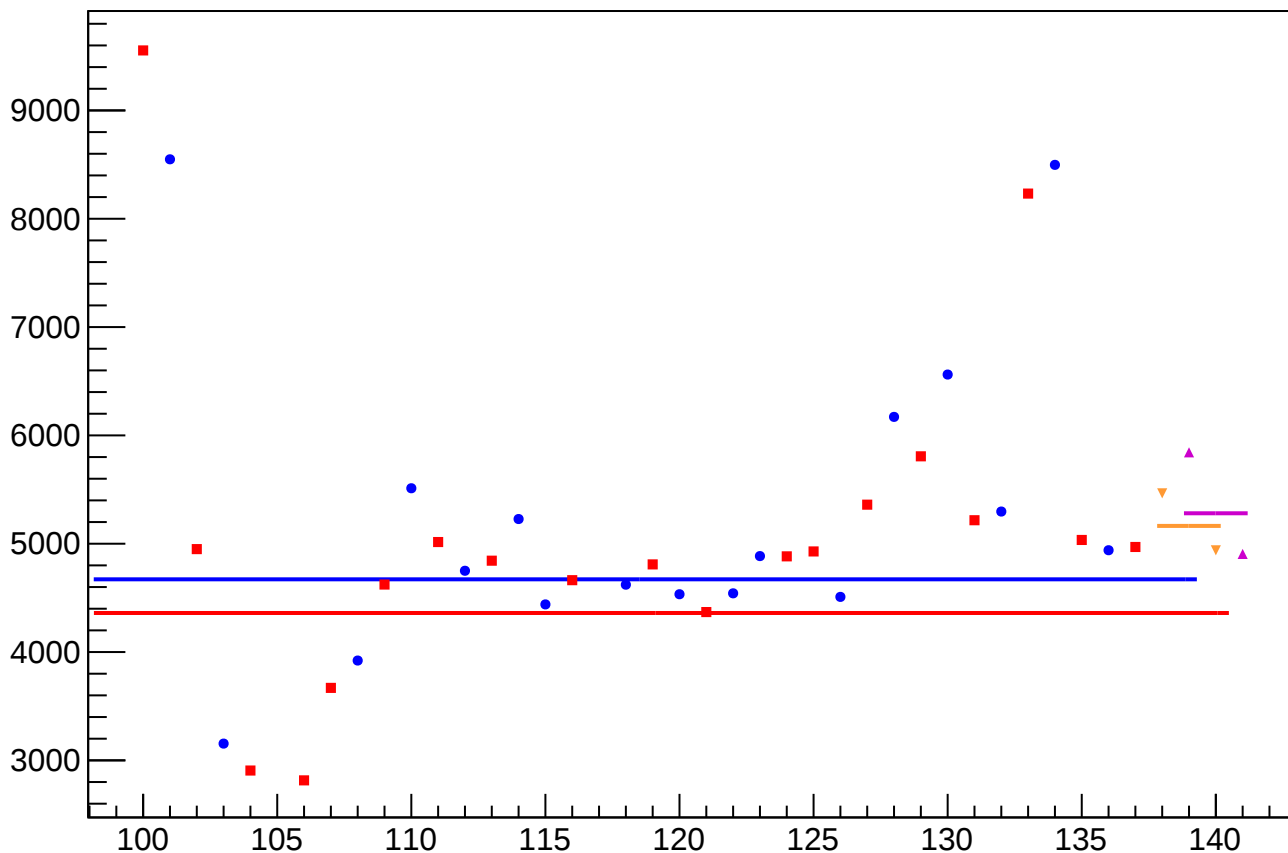
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

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

Out: 2674.778 $\pm$ 1596.086 χ^2 /NDF: 18.6/20

All: 3711.079 $\pm$ 1163.428 χ^2 /NDF: 34.4/39

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5164.396+/-2.970 χ^2/NDF : 7681.1/1

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: 5223.466+/-2.087 χ^2/NDF : 33019.3/3

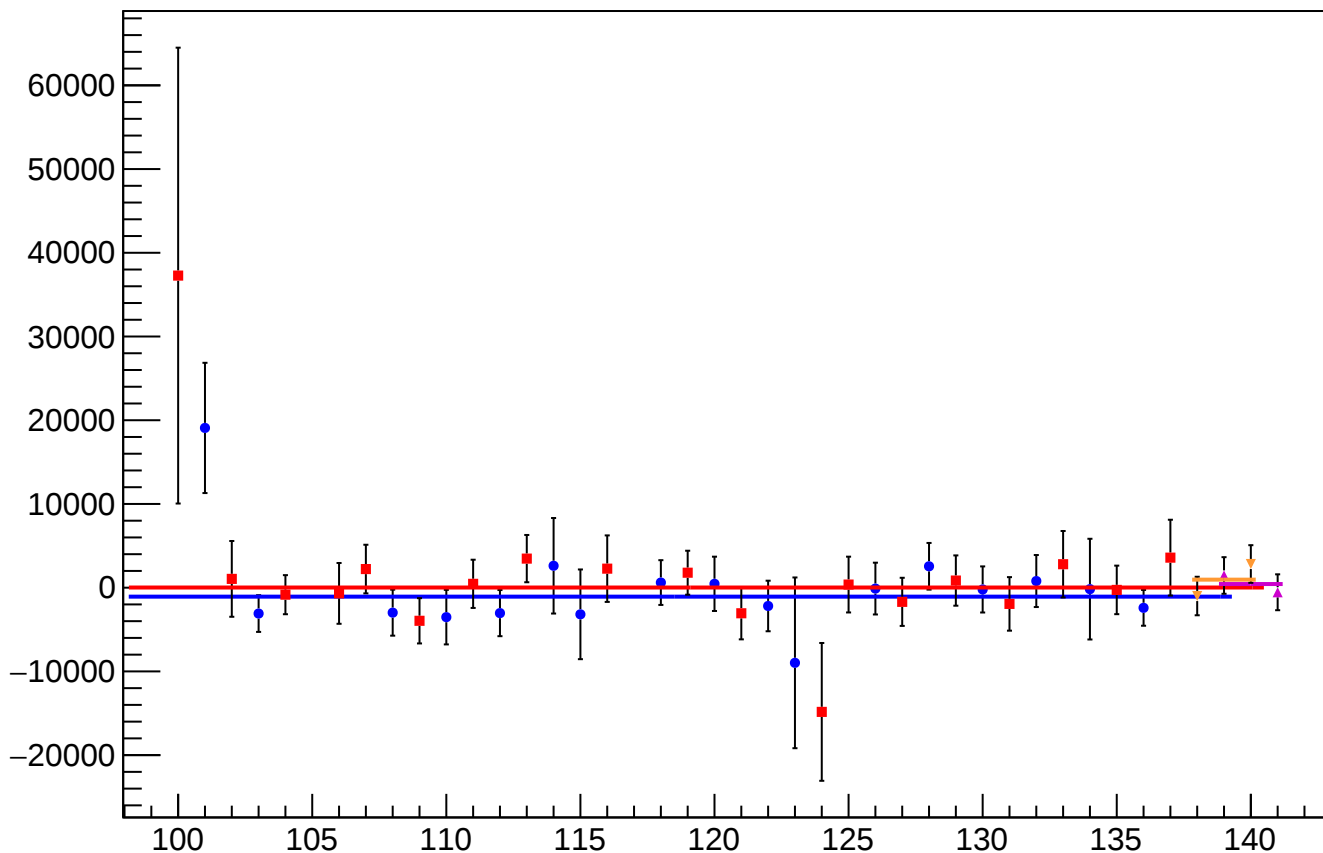
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

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

Out: 4475.444+/-1.123 χ^2/NDF : 904579.1/20

All: 4614.496+/-0.820 χ^2/NDF : 1784106.5/39

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 959.150 ± 1607.705 $\chi^2/\text{NDF}: 1.4/1$

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: 684.031 ± 1108.500 $\chi^2/\text{NDF}: 1.9/3$

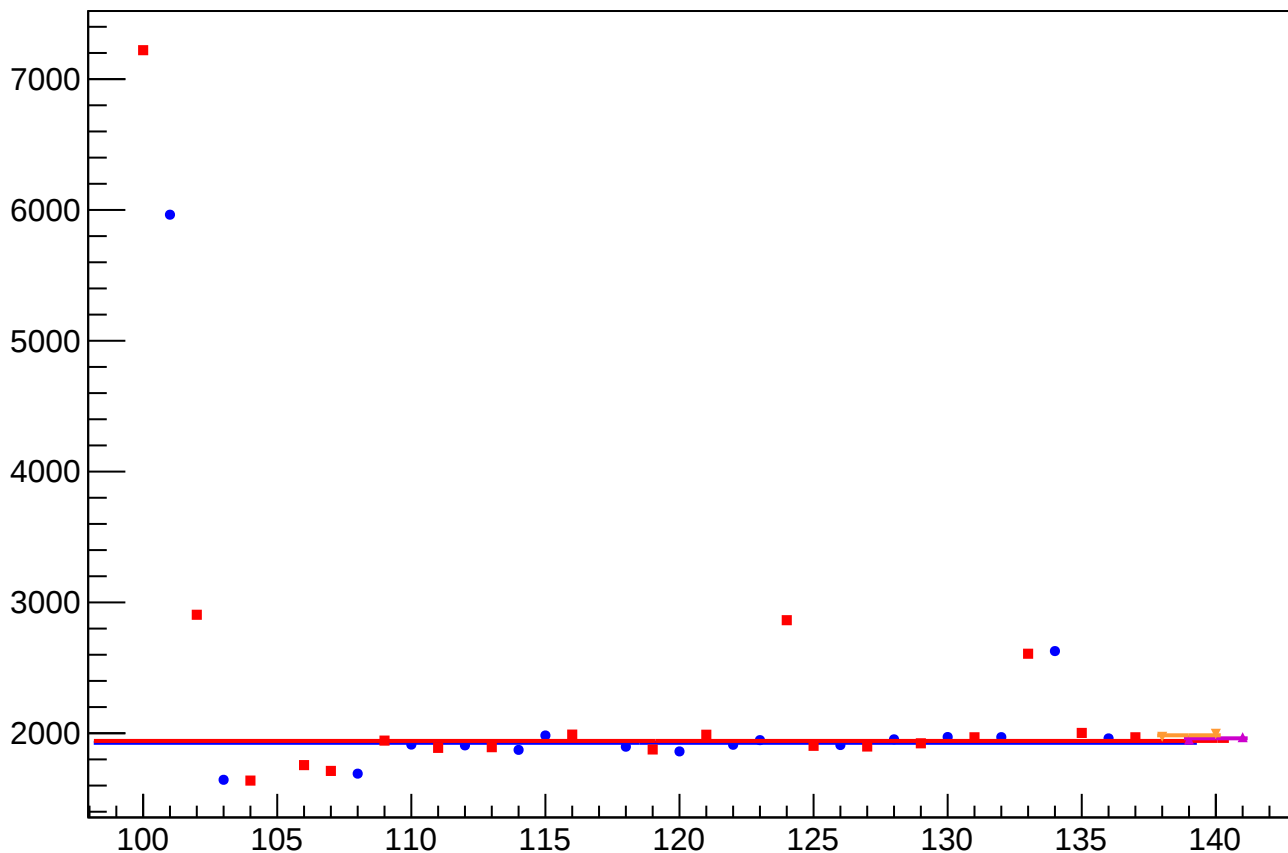
Right: -515.074 ± 534.061 $\chi^2/\text{NDF}: 28.0/35$

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

Out: 186.410 ± 678.048 $\chi^2/\text{NDF}: 15.0/20$

All: -289.175 ± 481.132 $\chi^2/\text{NDF}: 30.9/39$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1984.331+/-1.137 χ^2/NDF :103.7/1

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: 1972.140+/-0.784 χ^2/NDF : 392.8/3

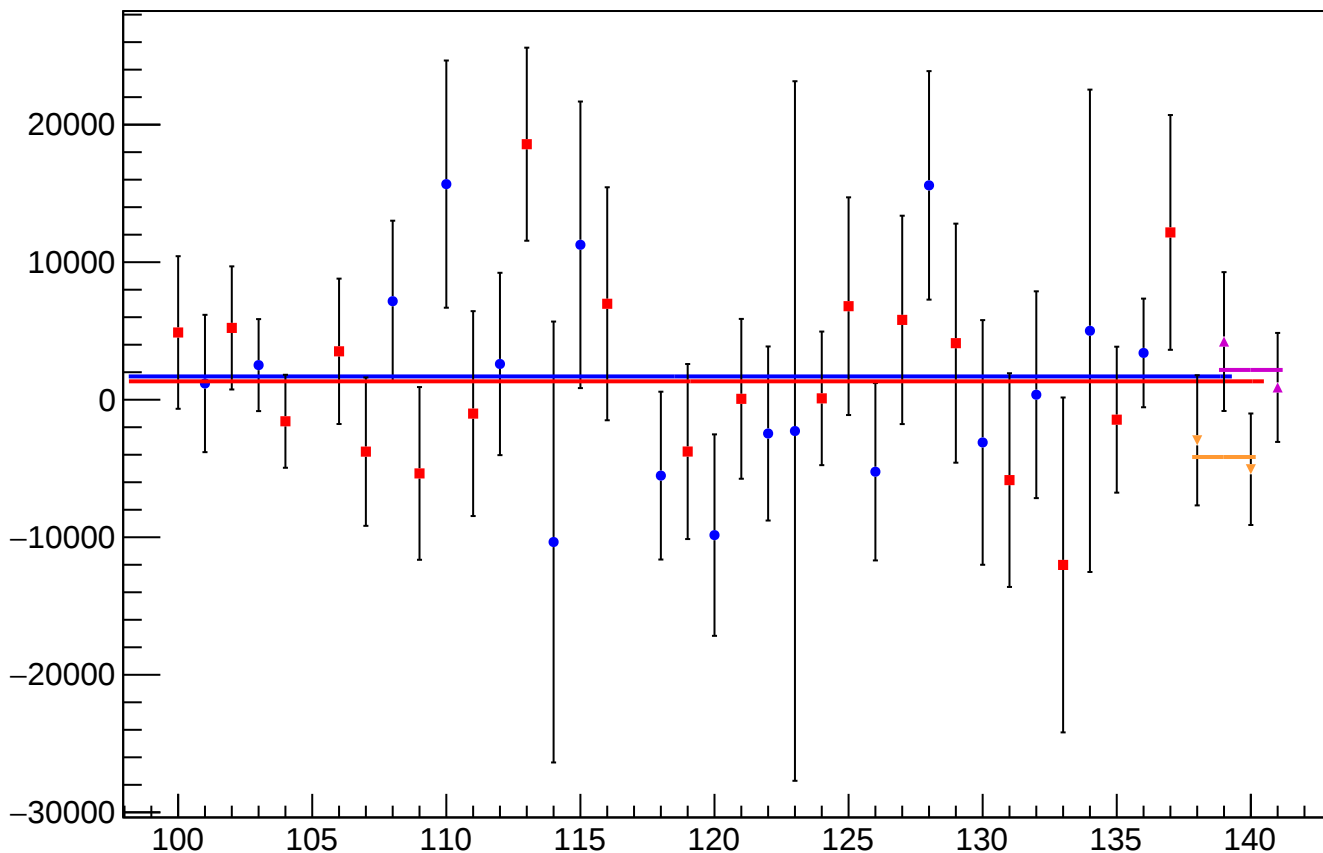
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

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

Out: 1948.912+/-0.479 χ^2/NDF :305651.5/20

All: 1941.363+/-0.340 χ^2/NDF : 924137.8/39

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -4164.305+/-3078.363 χ^2/NDF : 0.1/1

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: -1038.545+/-2190.248 χ^2/NDF : 2.5/3

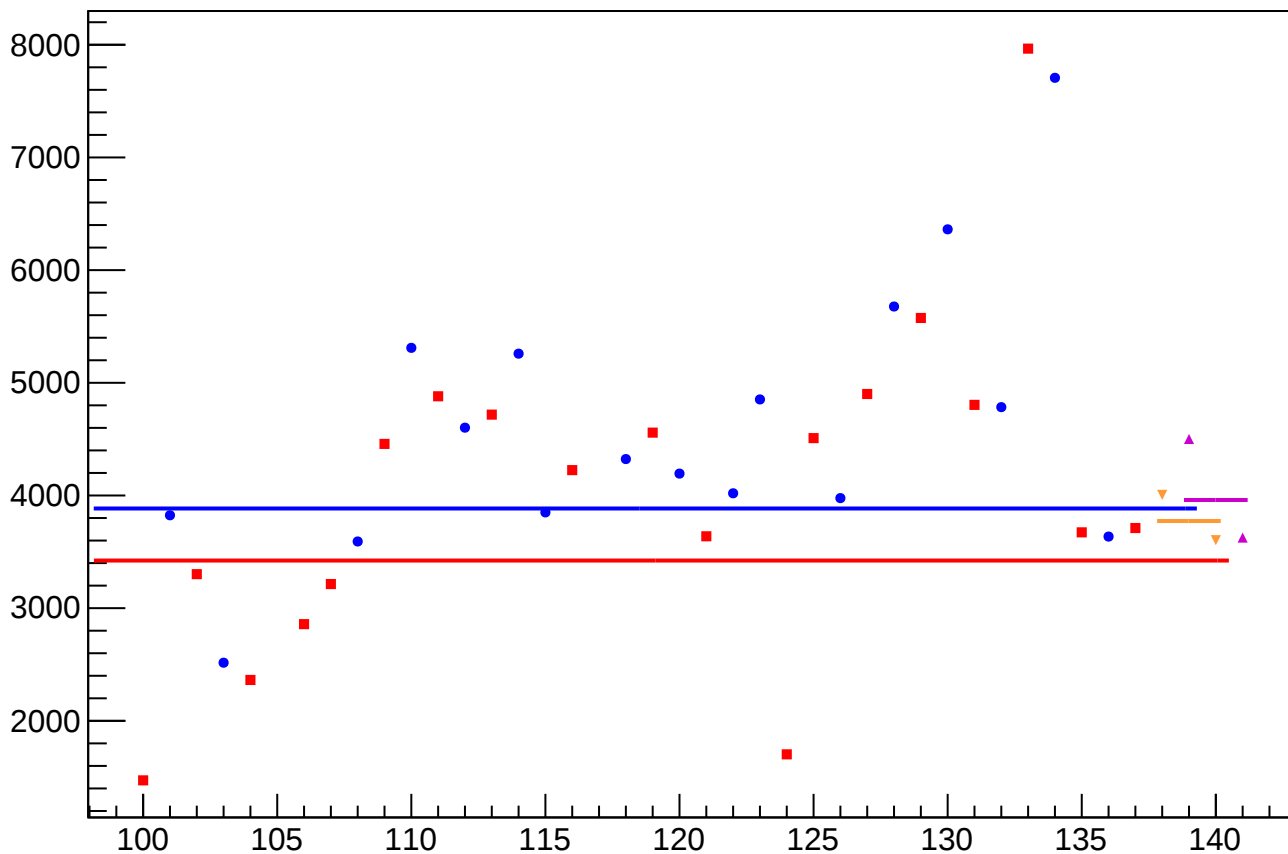
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

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

Out: 429.612+/-1250.885 χ^2/NDF : 19.1/20

All: 1037.695+/-929.593 χ^2/NDF : 33.5/39

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3773.506 $\pm$ 2.177 χ^2 /NDF: 8319.2/1

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: 3865.613 $\pm$ 1.549 χ^2 /NDF: 49135.6/3

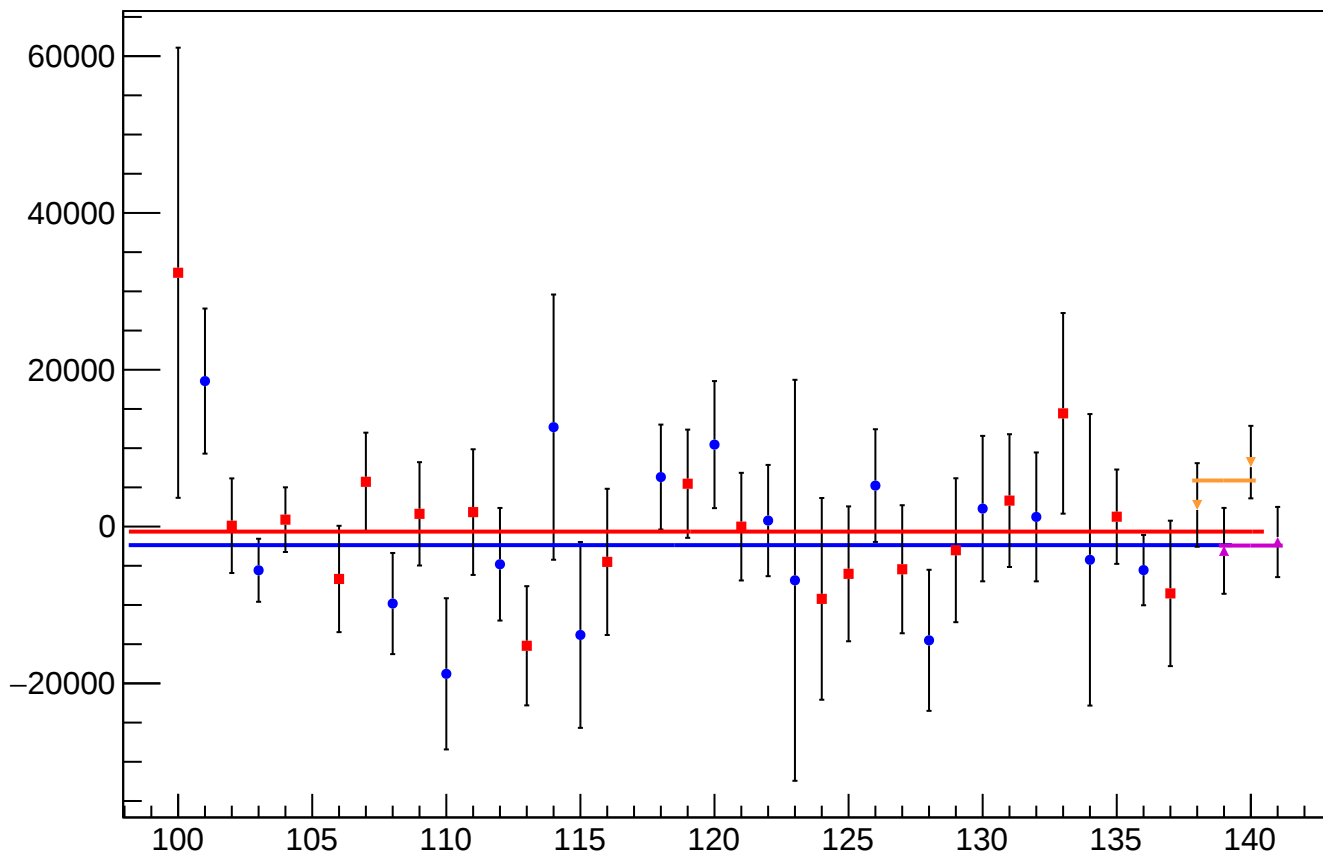
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

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

Out: 3480.565 $\pm$ 0.885 χ^2 /NDF: 1620309.1/20

All: 3668.175 $\pm$ 0.657 χ^2 /NDF: 2585484.9/39

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 5876.482 ± 3492.323 χ^2/NDF : 0.6/1

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: 1696.960 ± 2460.171 χ^2/NDF : 3.5/3

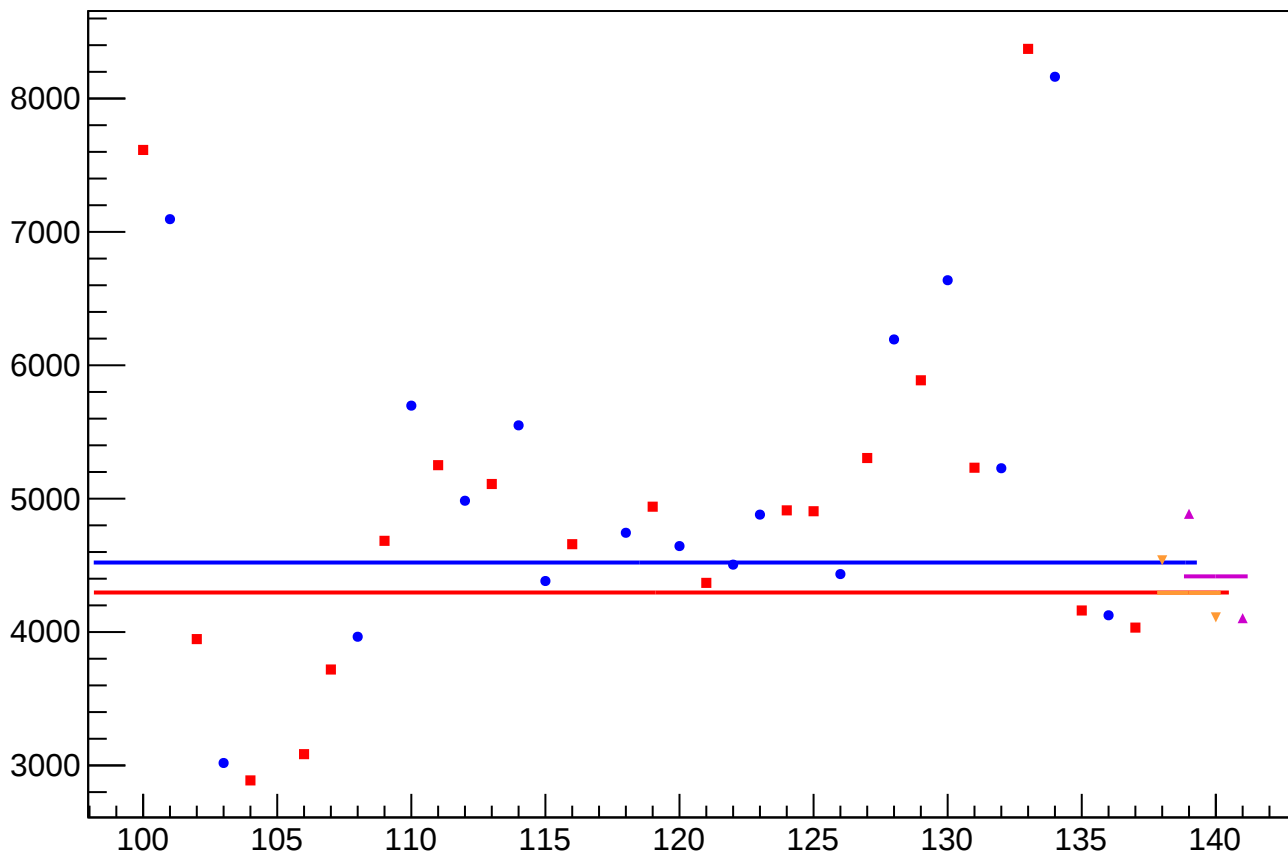
Right: -1449.011 ± 1232.750 χ^2/NDF : 32.4/35

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

Out: 595.915 ± 1521.361 χ^2/NDF : 15.2/20

All: -817.636 ± 1102.127 χ^2/NDF : 37.2/39

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4293.734+/-2.469 χ^2/NDF : 7350.1/1

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: 4356.062+/-1.740 χ^2/NDF : 33084.3/3

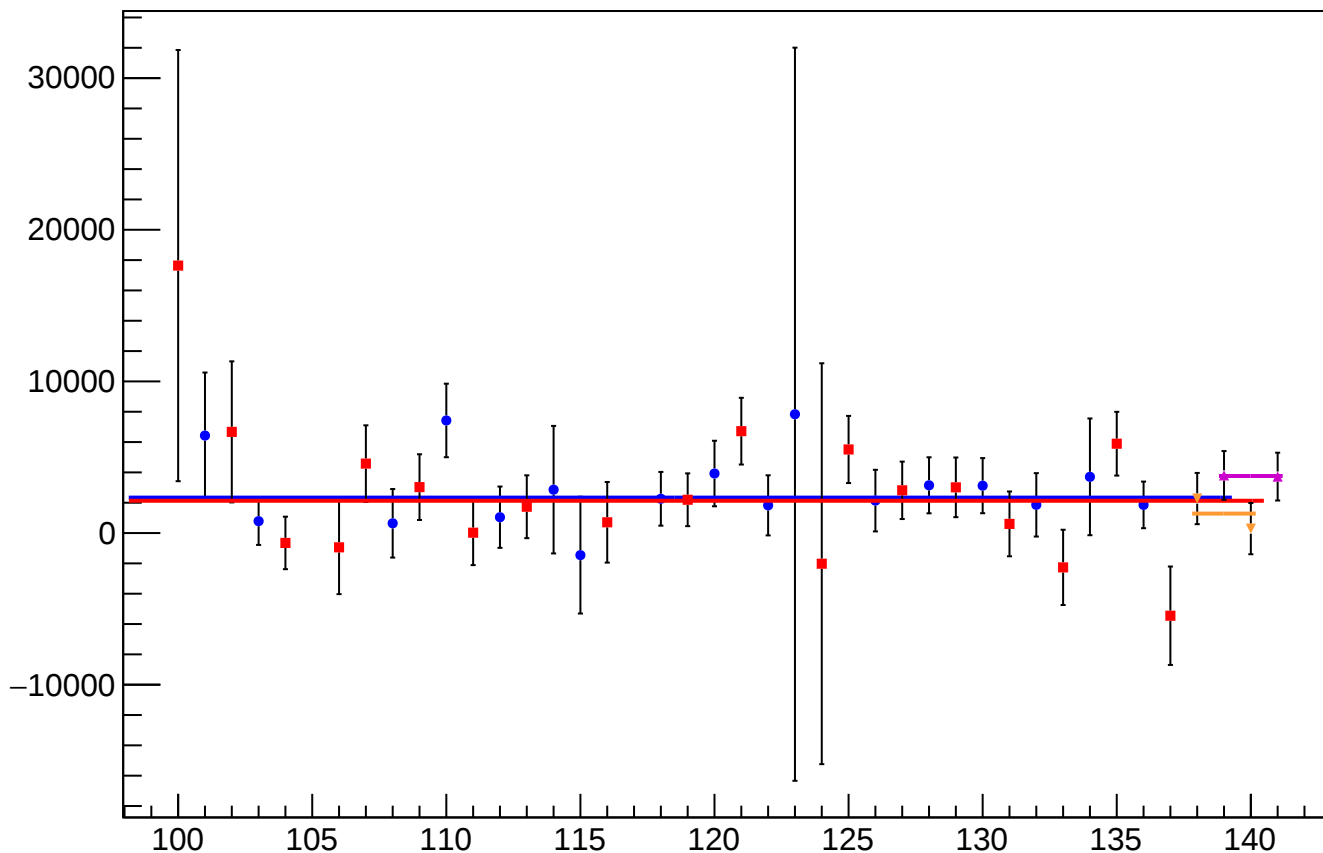
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

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

Out: 4295.965+/-1.071 χ^2/NDF : 780561.5/20

All: 4392.062+/-0.777 χ^2/NDF : 1602142.2/39

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: 1283.284+/-1194.545 χ^2/NDF : 0.7/1

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: 2597.399+/-818.770 χ^2/NDF : 3.0/3

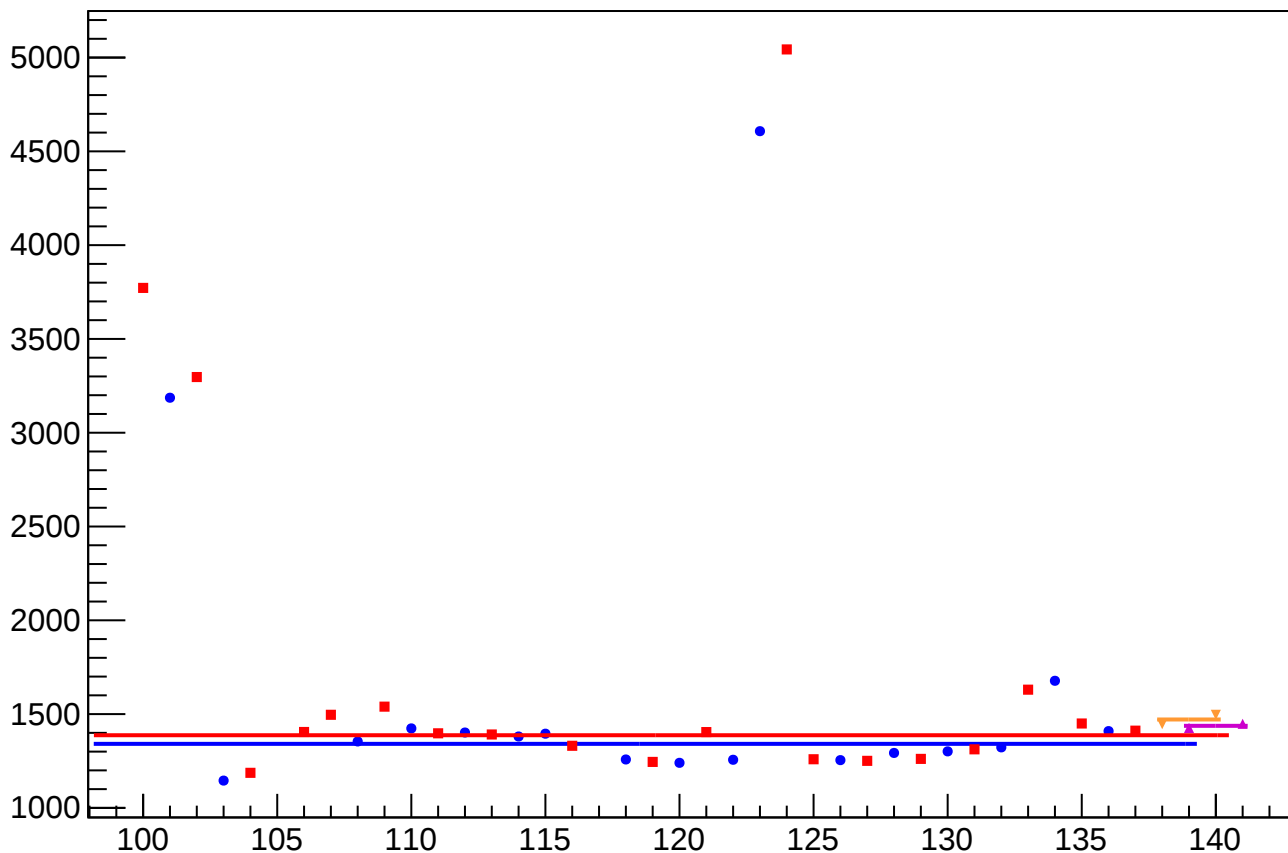
Right: 2234.784+/-378.395 χ^2/NDF : 37.3/35

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

Out: 1986.222+/-491.470 χ^2/NDF : 28.7/20

All: 2298.602+/-343.487 χ^2/NDF : 40.4/39

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1471.264 $\pm$ 0.845 χ^2 /NDF:875.5/1

Right Out: 1387.348 $\pm$ 0.381 χ^2 /NDF: 650193.3/18

Left In: 1437.482 $\pm$ 0.795 χ^2 /NDF:191.0/1

Left: 1453.353 $\pm$ 0.579 χ^2 /NDF: 1914.5/3

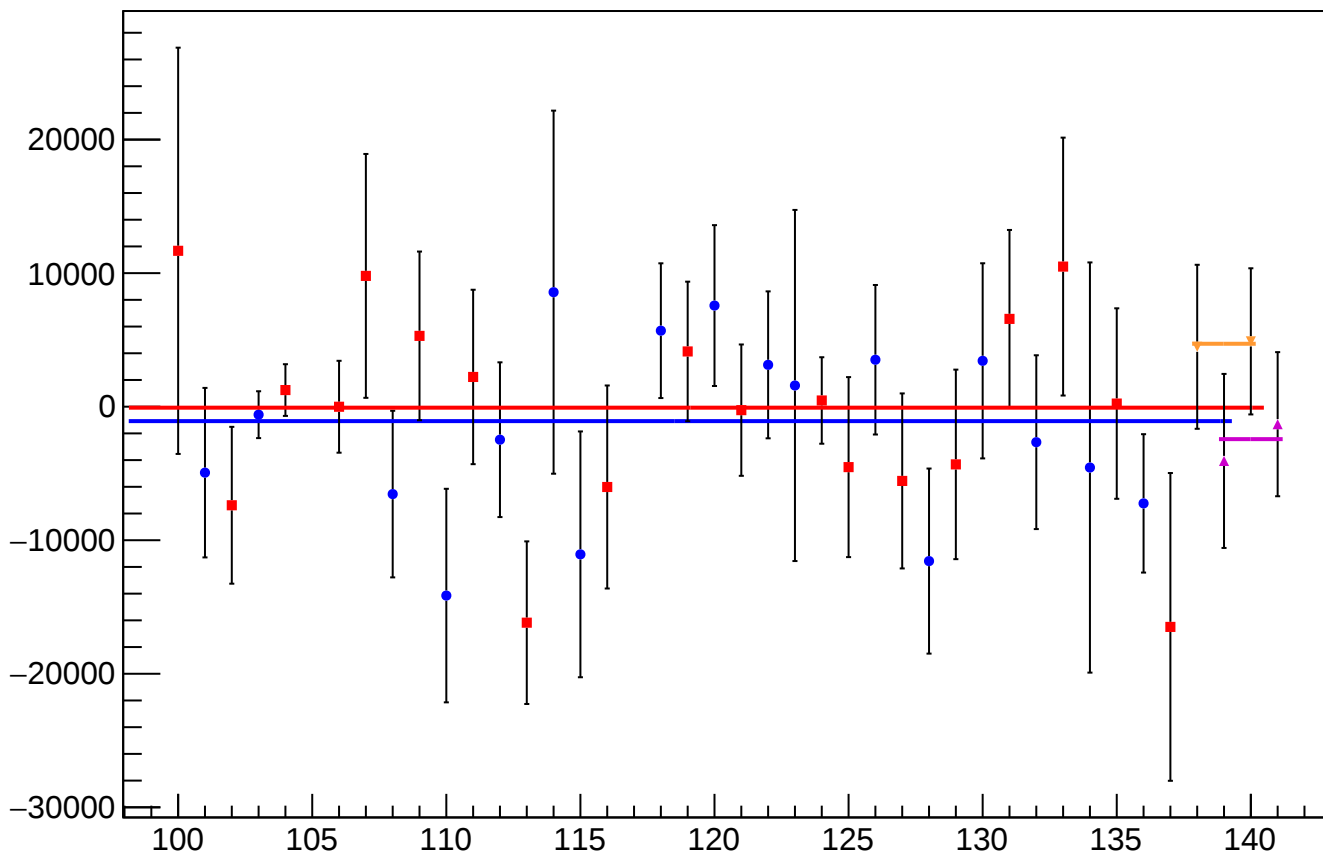
Right: 1364.024 $\pm$ 0.268 χ^2 /NDF: 1161848.1/35

In: 1358.905 $\pm$ 0.340 χ^2 /NDF:516408.4/18

Out: 1401.542 $\pm$ 0.347 χ^2 /NDF:659269.1/20

All: 1379.740 $\pm$ 0.243 χ^2 /NDF: 1183380.5/39

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 ± 1212.382 $\chi^2/\text{NDF}: 15.0/16$

Left Out: 4711.459 ± 4085.573 $\chi^2/\text{NDF}: 0.0/1$

Right Out: -74.089 ± 1126.219 $\chi^2/\text{NDF}: 18.6/18$

Left In: -2430.311 ± 4155.936 $\chi^2/\text{NDF}: 0.1/1$

Left: 1201.543 ± 2913.495 $\chi^2/\text{NDF}: 1.6/3$

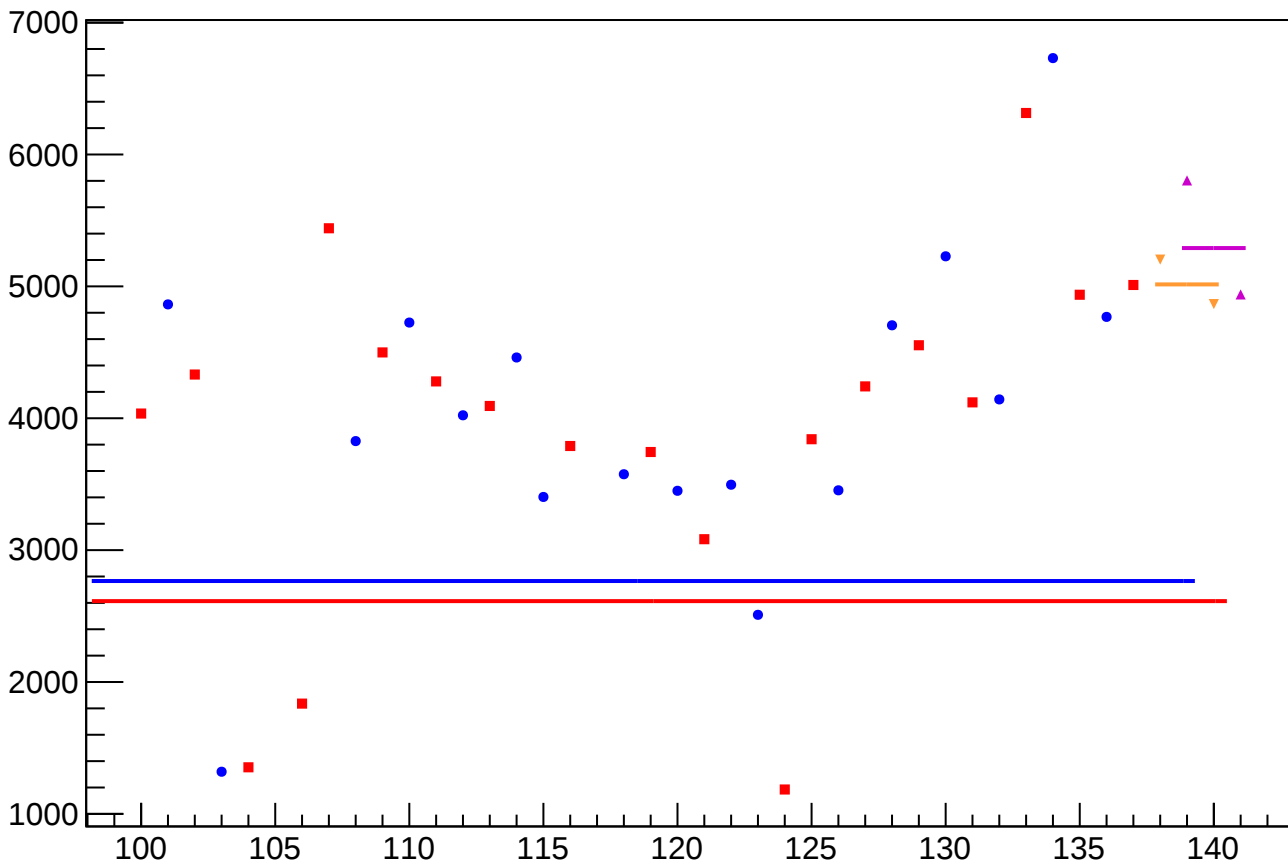
Right: -540.514 ± 825.138 $\chi^2/\text{NDF}: 34.0/35$

In: -1186.860 ± 1163.870 $\chi^2/\text{NDF}: 15.2/18$

Out: 263.870 ± 1085.724 $\chi^2/\text{NDF}: 19.9/20$

All: -411.161 ± 793.913 $\chi^2/\text{NDF}: 35.9/39$

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736+/-0.857 χ^2/NDF : 2939083.2/16

Left Out: 5014.913+/-2.889 χ^2/NDF : 3364.8/1

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

Left In: 5290.526+/-2.939 χ^2/NDF : 20882.2/1

Left: 5150.366+/-2.060 χ^2/NDF : 28720.2/3

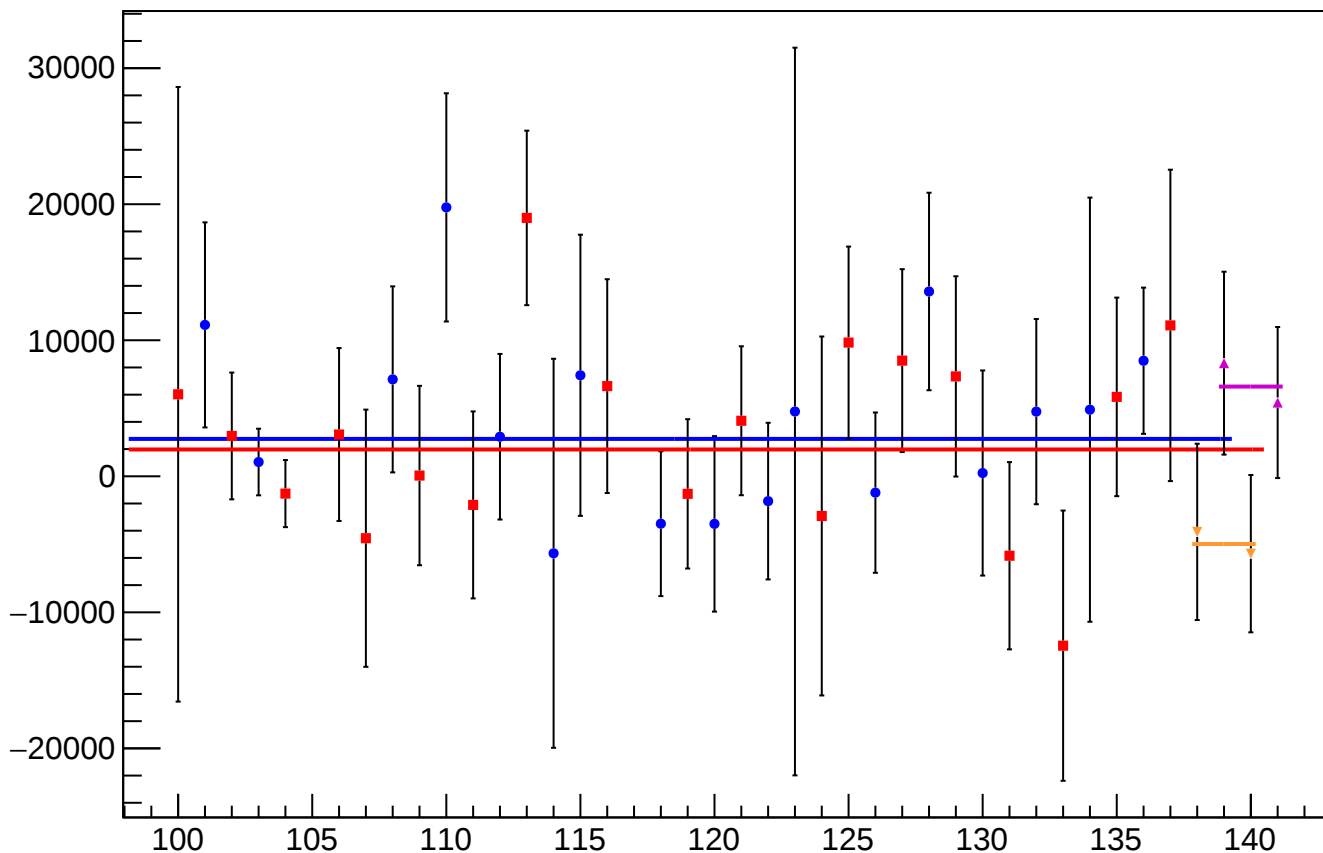
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 2963.750+/-0.823 χ^2/NDF : 3640220.7/18

Out: 2782.967+/-0.768 χ^2/NDF : 3985525.1/20

All: 2867.086+/-0.561 χ^2/NDF : 7651547.4/39

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: -4977.977+/-4314.367 χ^2/NDF : 0.0/1

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: 854.083+/-3038.743 χ^2/NDF : 3.8/3

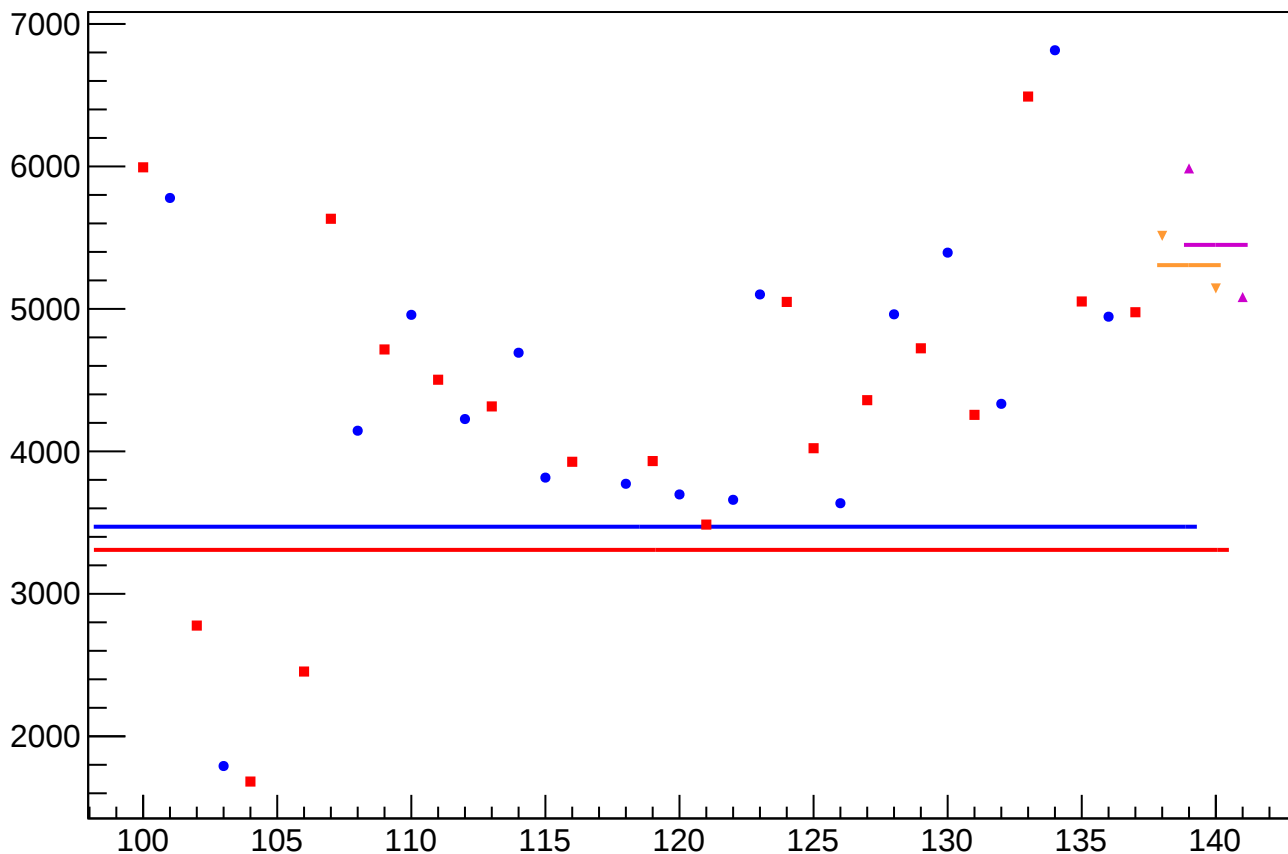
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

Out: 1324.720+/-1315.875 χ^2/NDF : 20.2/20

All: 2196.722+/-949.186 χ^2/NDF : 35.7/39

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: 5307.252+/-3.051 χ^2/NDF :3609.6/1

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: 5378.879+/-2.149 χ^2/NDF : 26154.0/3

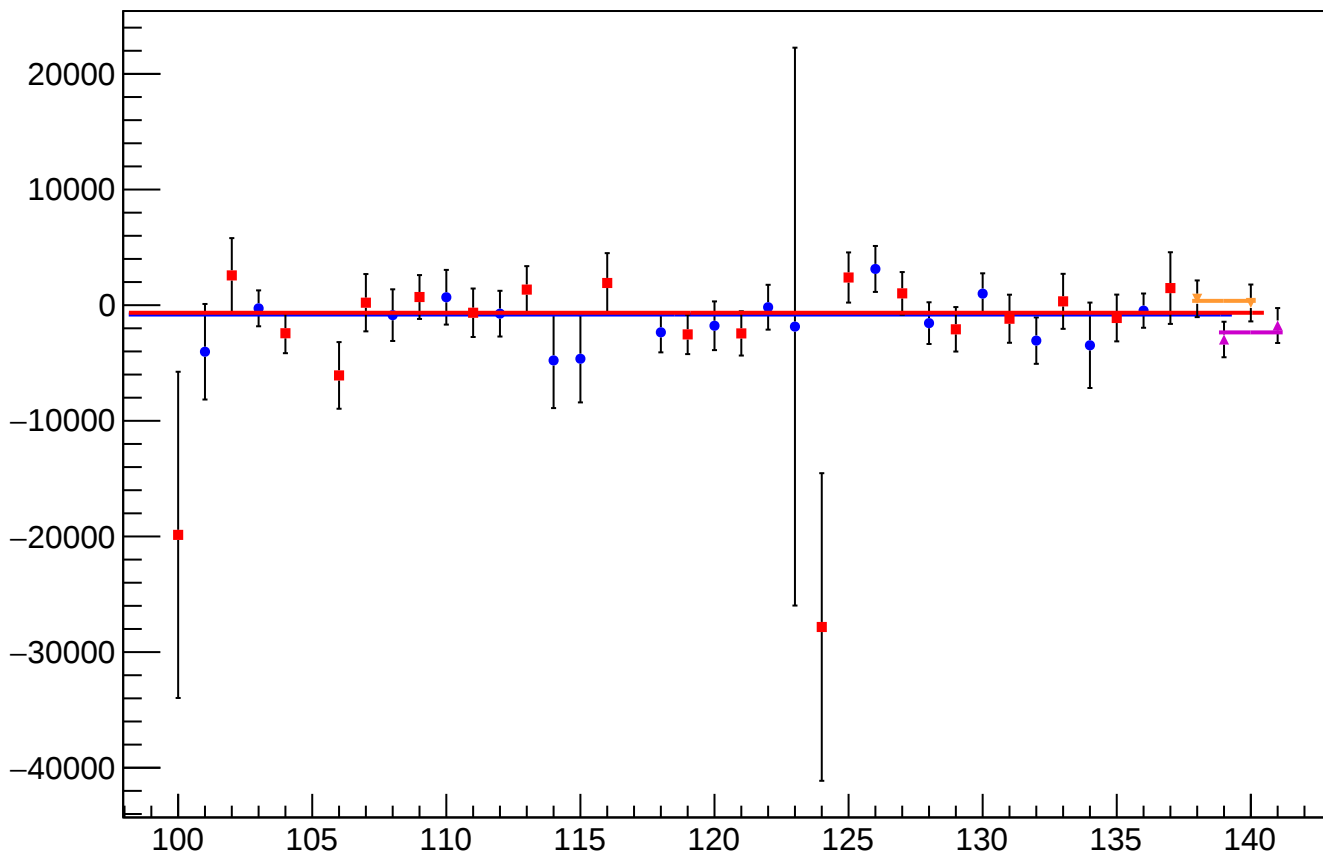
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 3491.409+/-0.923 χ^2/NDF :2307954.2/20

All: 3578.196+/-0.668 χ^2/NDF : 4499249.4/39

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: 373.777+/-1124.501 χ^2/NDF : 0.0/1

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: -1049.293+/-777.619 χ^2/NDF : 3.4/3

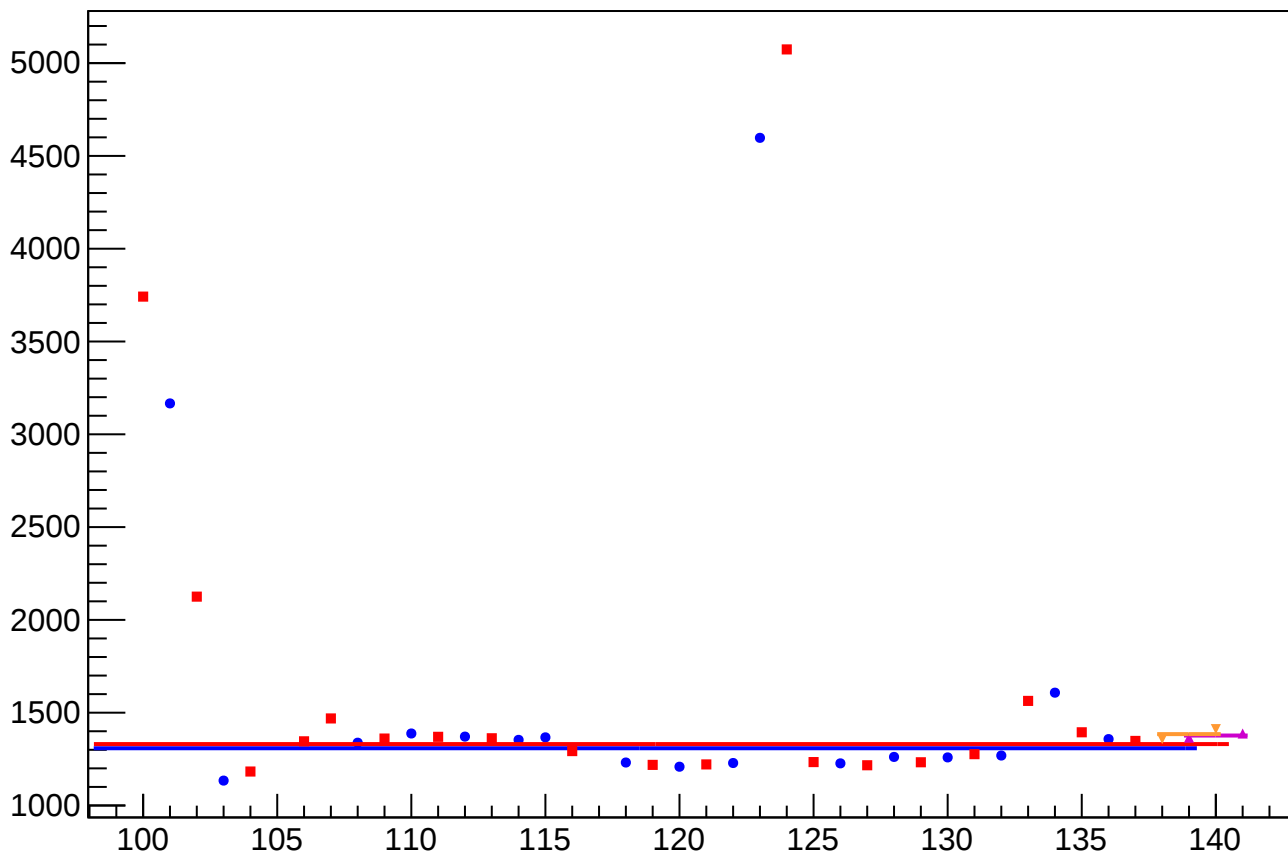
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

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

Out: -477.897+/-467.921 χ^2/NDF : 21.1/20

All: -789.401+/-330.513 χ^2/NDF : 35.2/39

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: 1384.548+/-0.795 χ^2/NDF :1126.7/1

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: 1380.577+/-0.550 χ^2/NDF : 1383.6/3

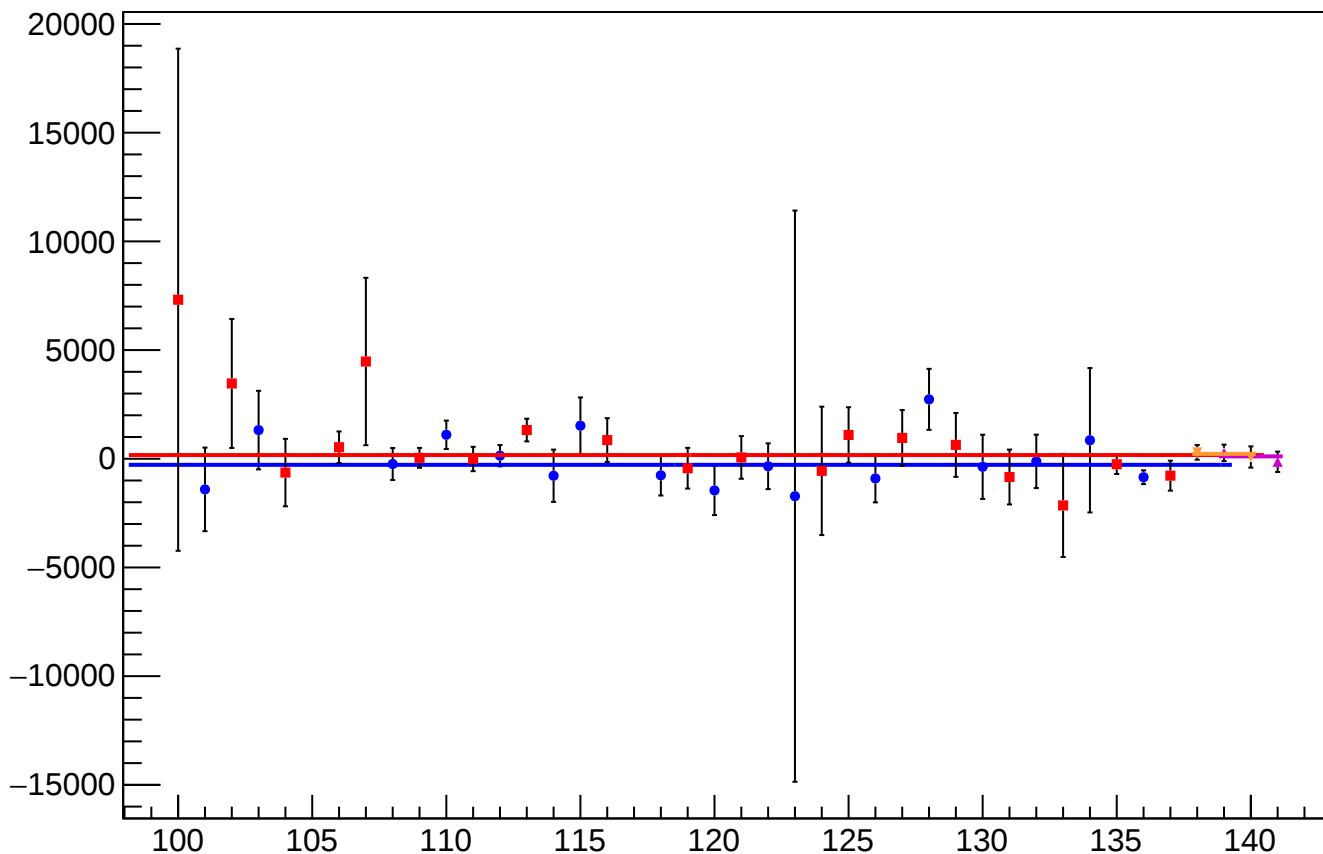
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

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

Out: 1340.156+/-0.331 χ^2/NDF :420741.8/20

All: 1330.691+/-0.234 χ^2/NDF : 935717.6/39

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: 224.746+/-278.125 χ^2/NDF : 0.1/1

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: 170.303+/-202.245 χ^2/NDF : 0.7/3

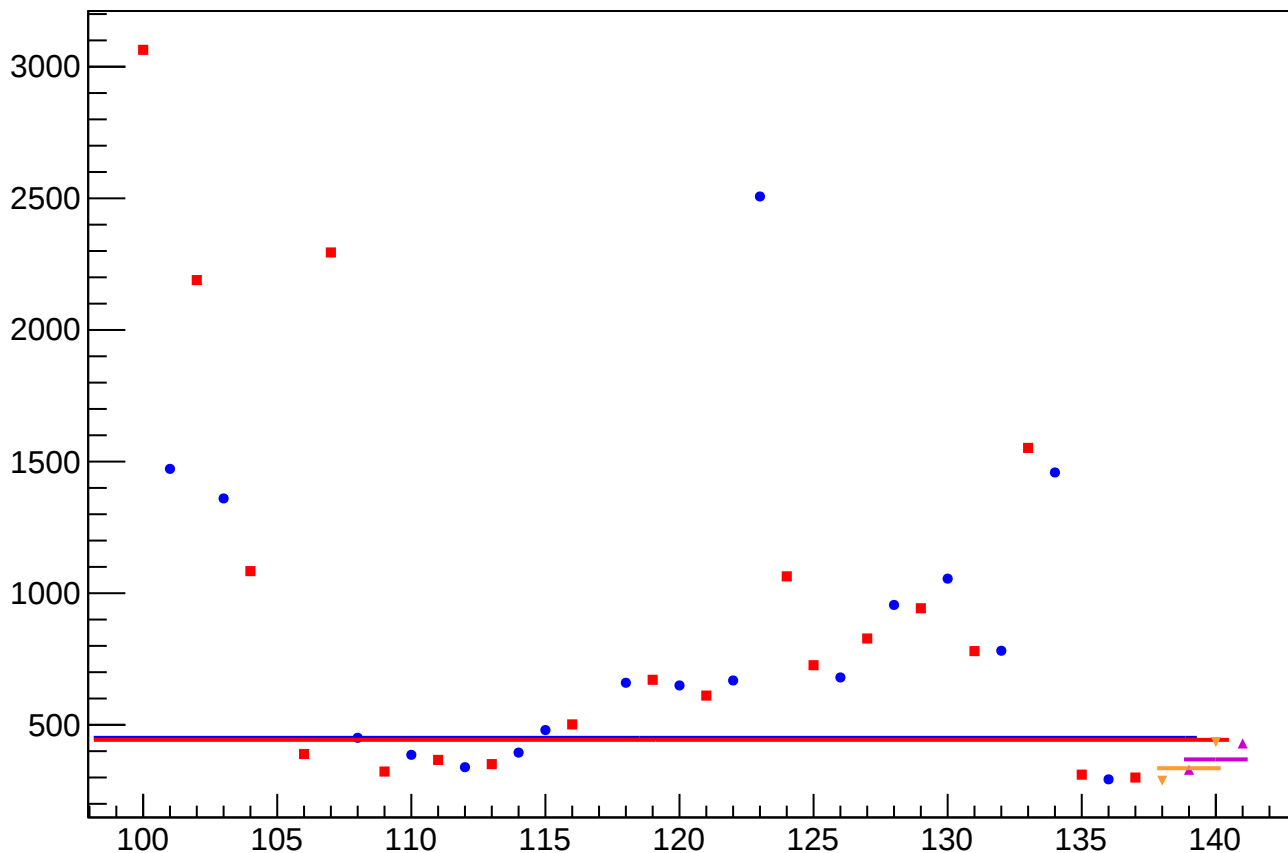
Right: -47.033+/-138.049 χ^2/NDF : 35.4/35

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

Out: 188.804+/-158.263 χ^2/NDF : 14.9/20

All: 22.044+/-114.019 χ^2/NDF : 36.9/39

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 335.278+/-0.197 χ^2/NDF :122194.9/1

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

Left In: 368.770+/-0.208 χ^2/NDF :55068.8/1

Left: 351.060+/-0.143 χ^2/NDF : 190930.0/3

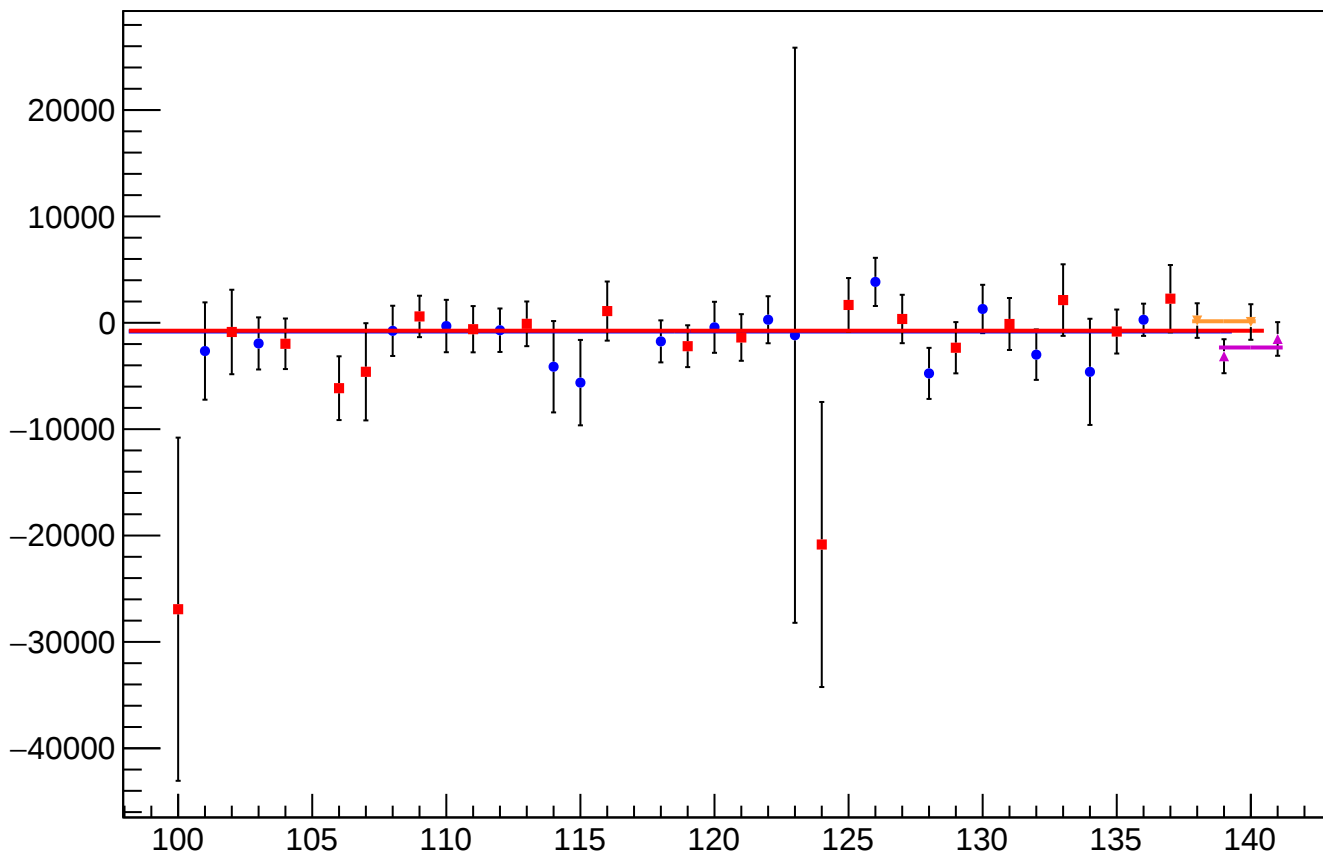
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 425.115+/-0.116 χ^2/NDF :3159035.0/18

Out: 408.184+/-0.112 χ^2/NDF :3796805.2/20

All: 416.328+/-0.081 χ^2/NDF : 6966849.5/39

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: 143.054+/-1165.837 χ^2/NDF : 0.0/1

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: -1134.818+/-809.195 χ^2/NDF : 2.8/3

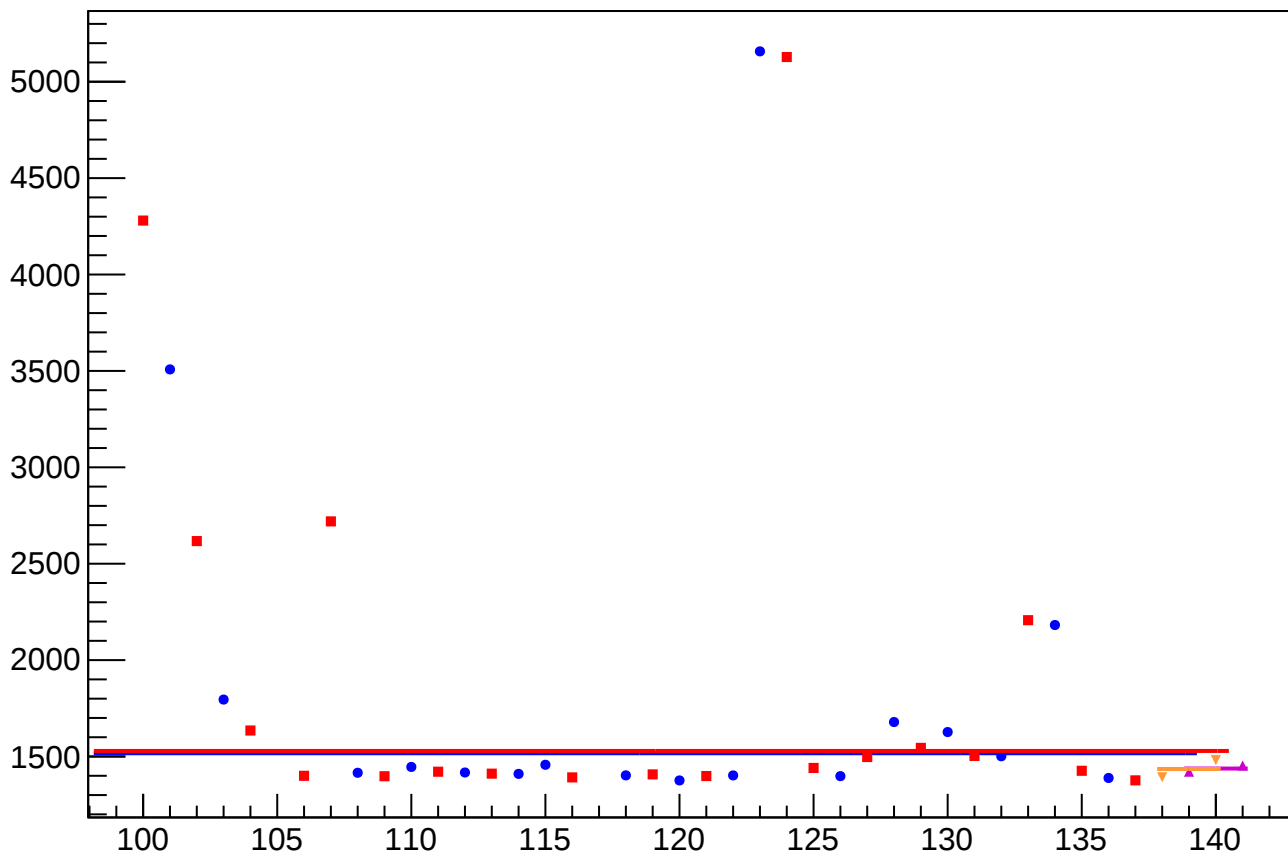
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

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

Out: -562.248+/-530.435 χ^2/NDF : 14.5/20

All: -857.293+/-374.956 χ^2/NDF : 29.8/39

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: 1435.457+/-0.824 χ^2/NDF : 2911.2/1

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: 1436.565+/-0.572 χ^2/NDF : 3325.0/3

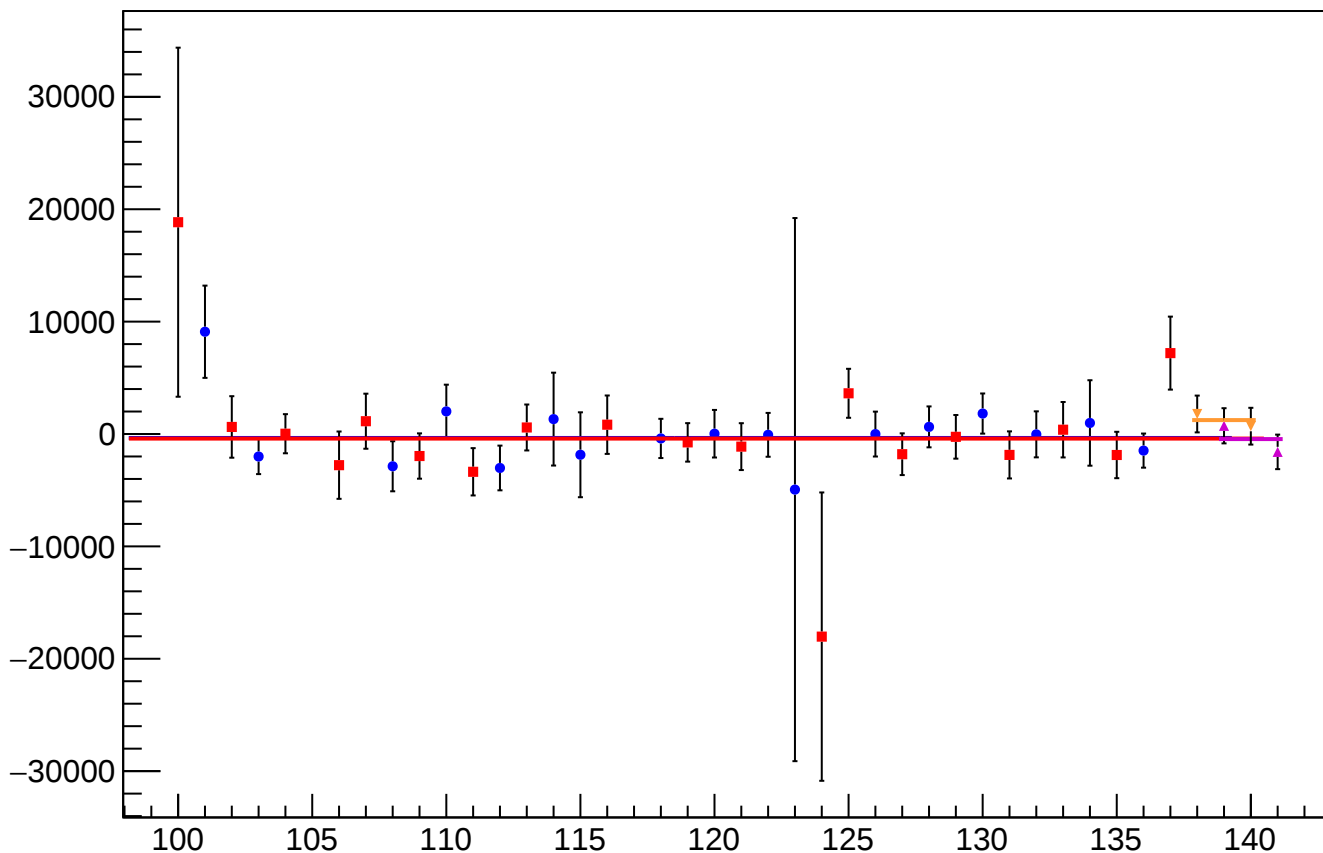
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

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

Out: 1509.522+/-0.375 χ^2/NDF : 643271.8/20

All: 1504.402+/-0.265 χ^2/NDF : 1192842.0/39

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 1237.281 ± 1157.194 $\chi^2/\text{NDF}: 0.2/1$

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

Left In: -451.939 ± 1096.353 $\chi^2/\text{NDF}: 1.1/1$

Left: 347.099 ± 795.878 $\chi^2/\text{NDF}: 2.5/3$

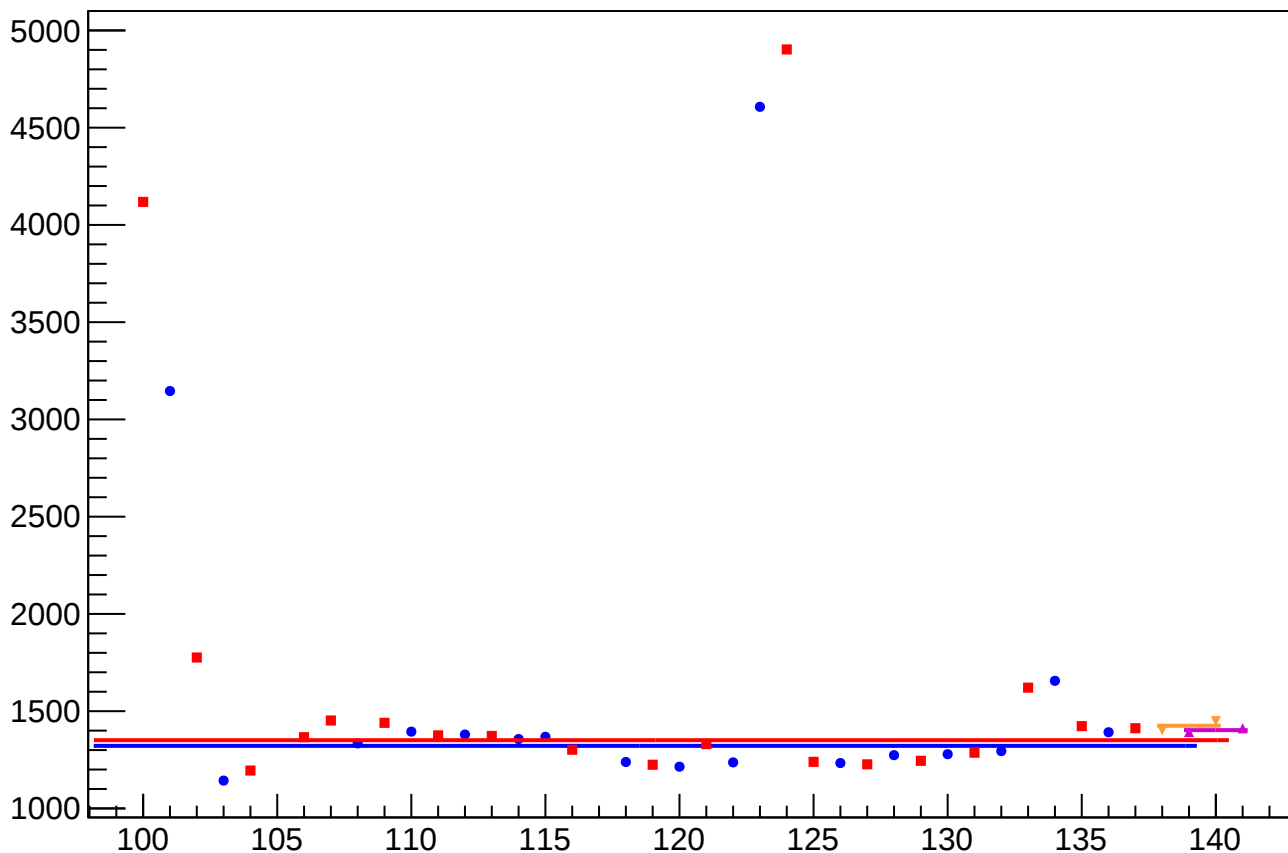
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

In: -371.466 ± 472.279 $\chi^2/\text{NDF}: 14.5/18$

Out: -129.269 ± 475.864 $\chi^2/\text{NDF}: 20.3/20$

All: -251.283 ± 335.212 $\chi^2/\text{NDF}: 34.9/39$

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: 1425.018+/-0.818 χ^2/NDF : 825.5/1

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: 1413.123+/-0.563 χ^2/NDF : 1381.3/3

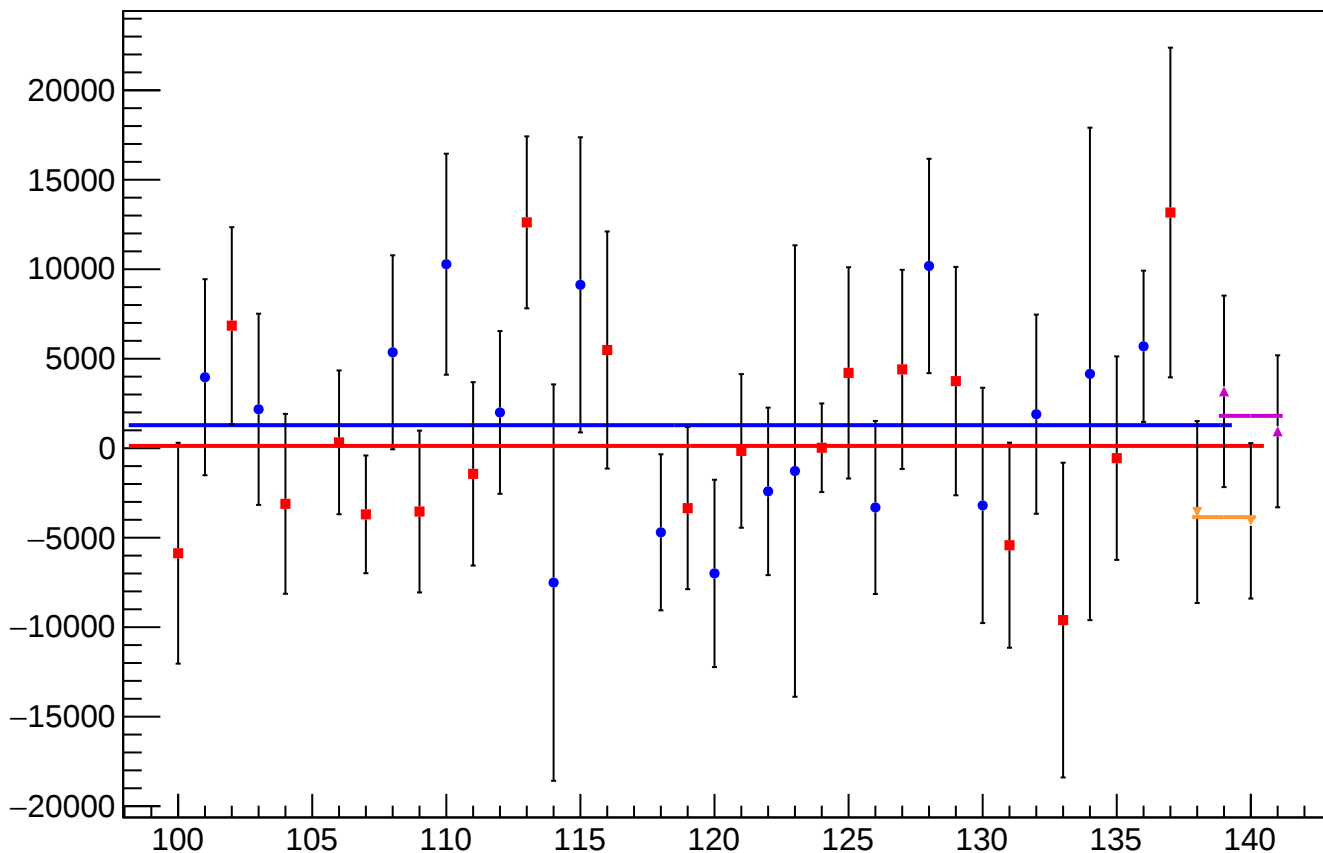
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

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

Out: 1363.317+/-0.336 χ^2/NDF : 357551.3/20

All: 1349.906+/-0.237 χ^2/NDF : 871943.7/39

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: -3849.926+/-3301.240 χ^2/NDF : 0.0/1

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: -1041.769+/-2342.914 χ^2/NDF : 1.6/3

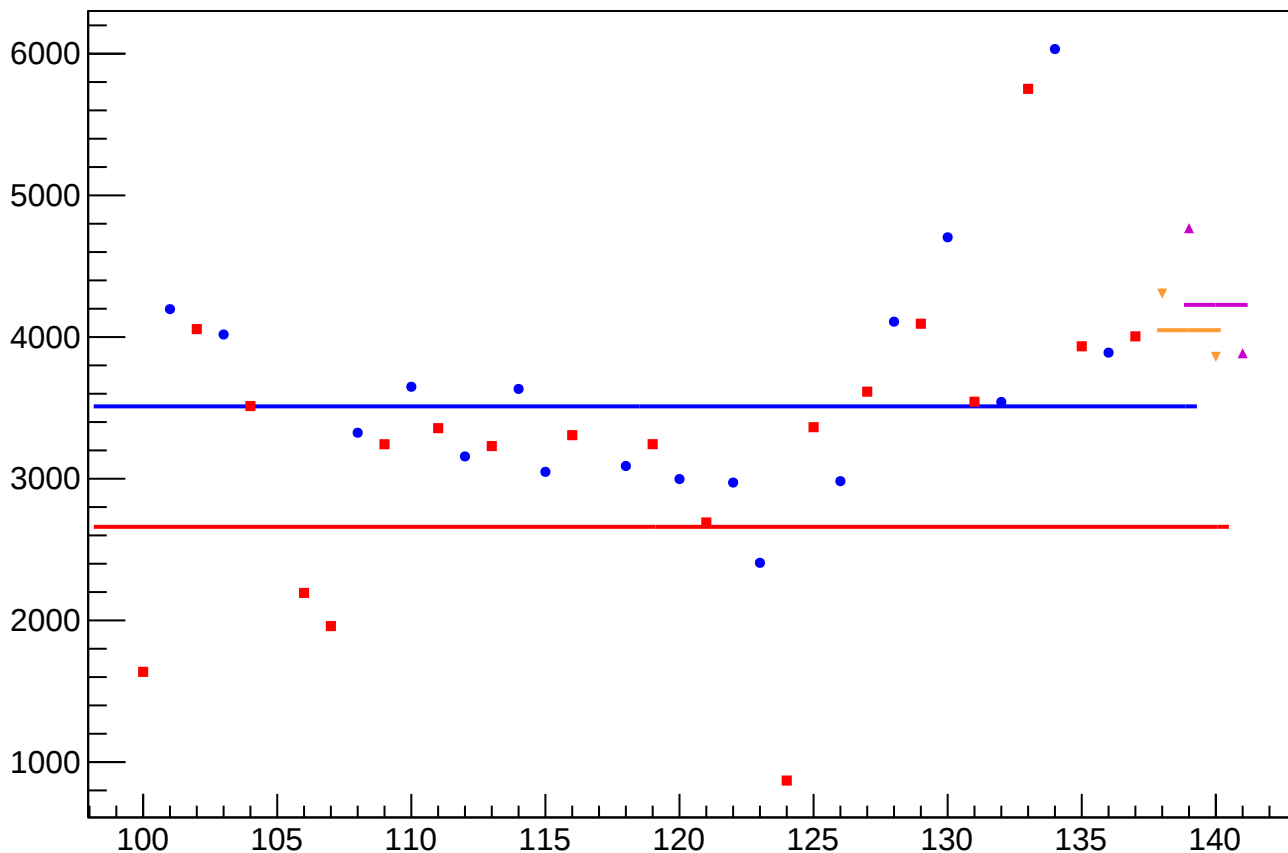
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: -261.025+/-1033.539 χ^2/NDF : 19.9/20

All: 385.420+/-801.969 χ^2/NDF : 35.2/39

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: 4048.459+/-2.334 χ^2/NDF : 8908.4/1

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: 4137.058+/-1.657 χ^2/NDF : 45207.5/3

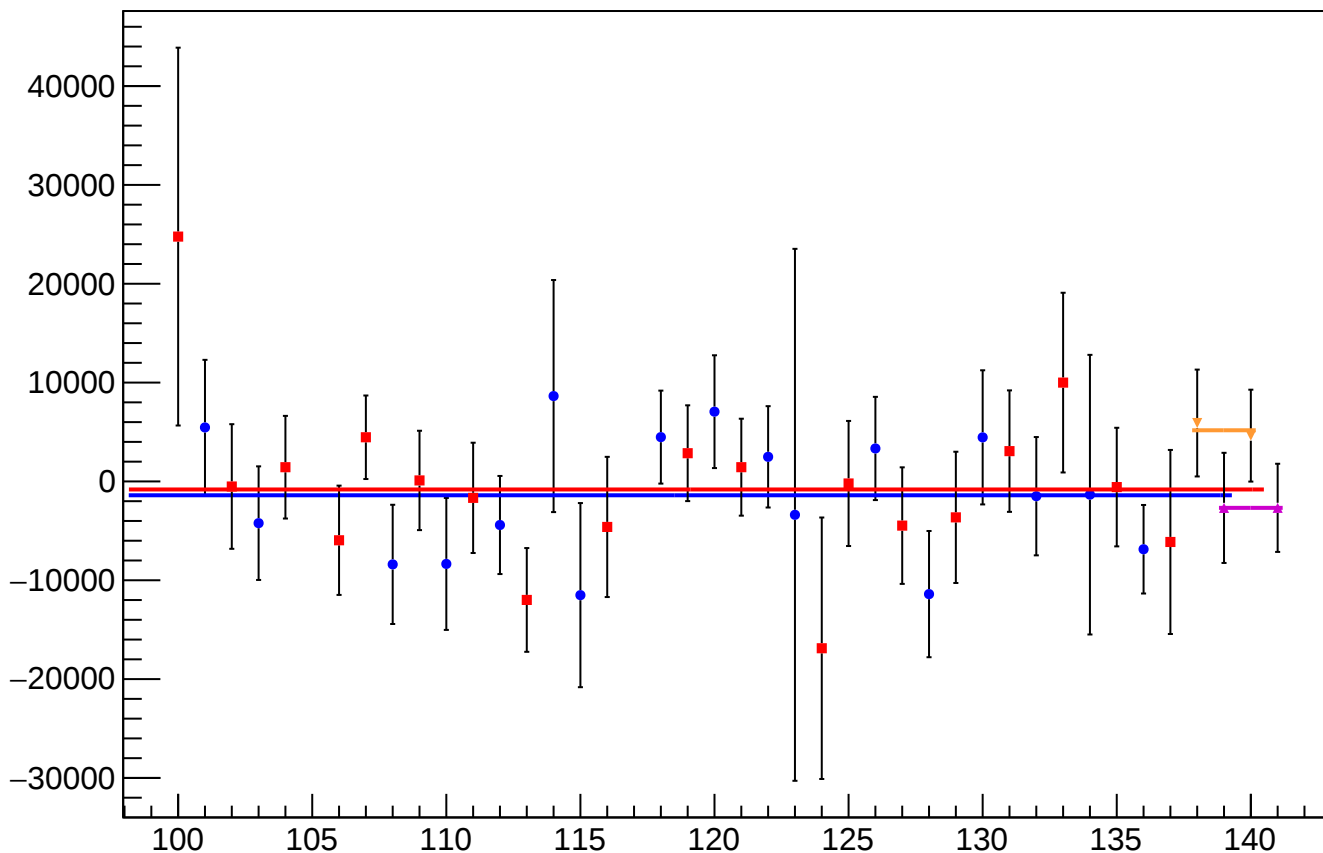
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

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

Out: 2796.666+/-0.731 χ^2/NDF : 2510384.1/20

All: 3122.473+/-0.567 χ^2/NDF : 3466503.3/39

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 5175.069 ± 3524.577 $\chi^2/\text{NDF}: 0.0/1$

Right Out: -814.071 ± 1379.106 $\chi^2/\text{NDF}: 14.3/18$

Left In: -2674.503 ± 3481.723 $\chi^2/\text{NDF}: 0.0/1$

Left: 1202.272 ± 2476.962 $\chi^2/\text{NDF}: 2.5/3$

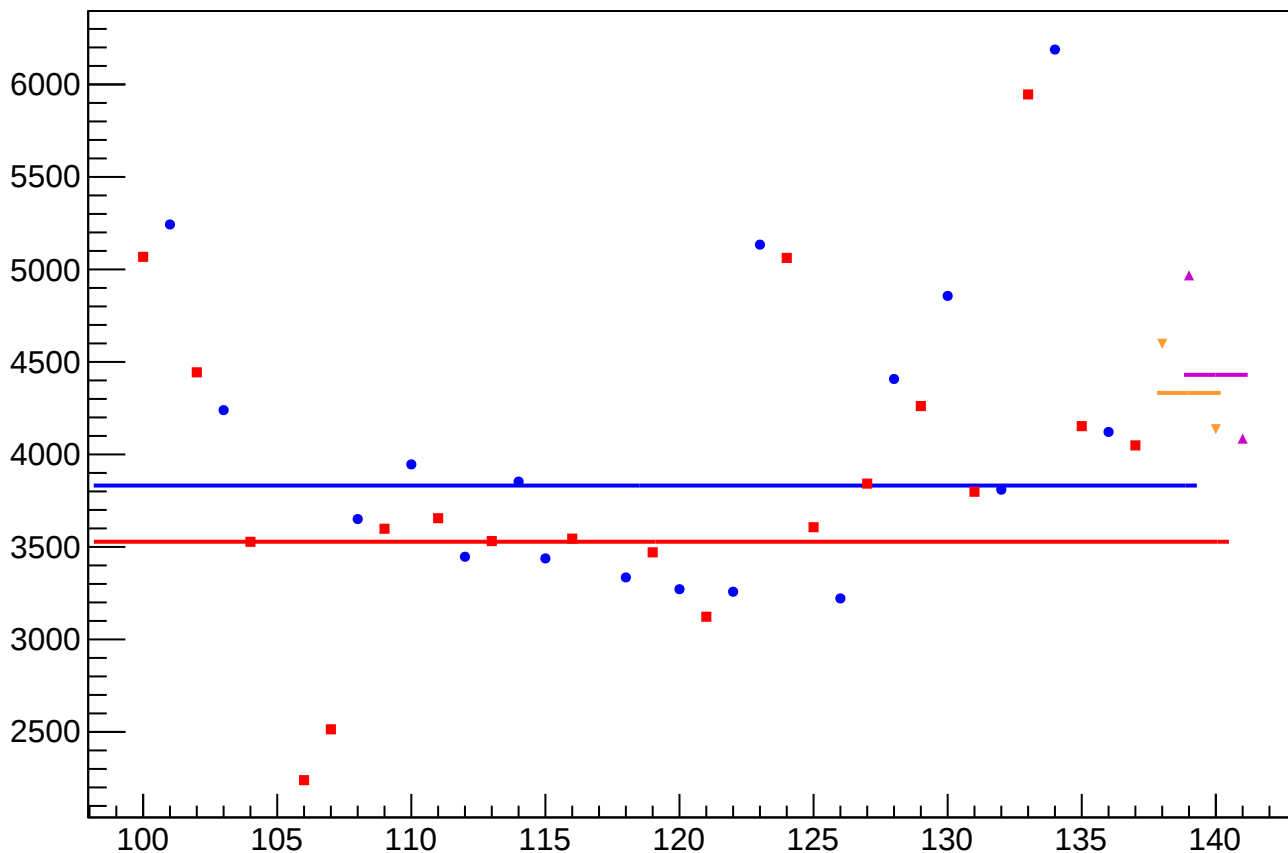
Right: -1082.331 ± 1016.512 $\chi^2/\text{NDF}: 30.1/35$

In: -1601.670 ± 1380.805 $\chi^2/\text{NDF}: 15.9/18$

Out: -18.869 ± 1284.292 $\chi^2/\text{NDF}: 16.8/20$

All: -753.025 ± 940.402 $\chi^2/\text{NDF}: 33.4/39$

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: 4332.586+/-2.492 χ^2/NDF : 8385.1/1

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: 4382.013+/-1.751 χ^2/NDF : 39733.8/3

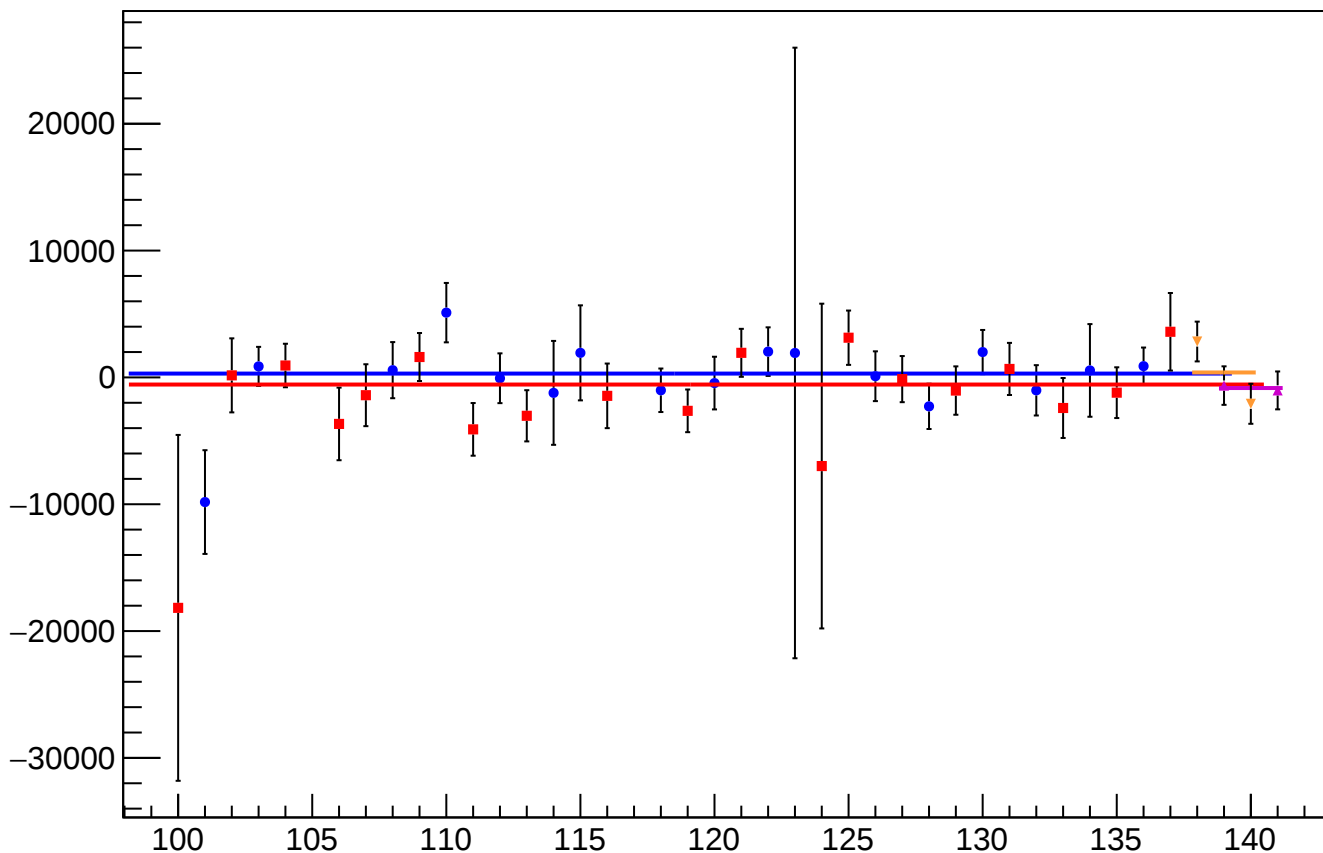
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

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

Out: 3633.234+/-0.901 χ^2/NDF : 656157.2/20

All: 3767.848+/-0.662 χ^2/NDF : 1122767.5/39

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968+/-512.834 χ^2/NDF : 16.1/16

Left Out: 389.598+/-1112.208 χ^2/NDF : 4.9/1

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

Left In: -837.738+/-1064.815 χ^2/NDF : 0.0/1

Left: -250.776+/-769.147 χ^2/NDF : 5.5/3

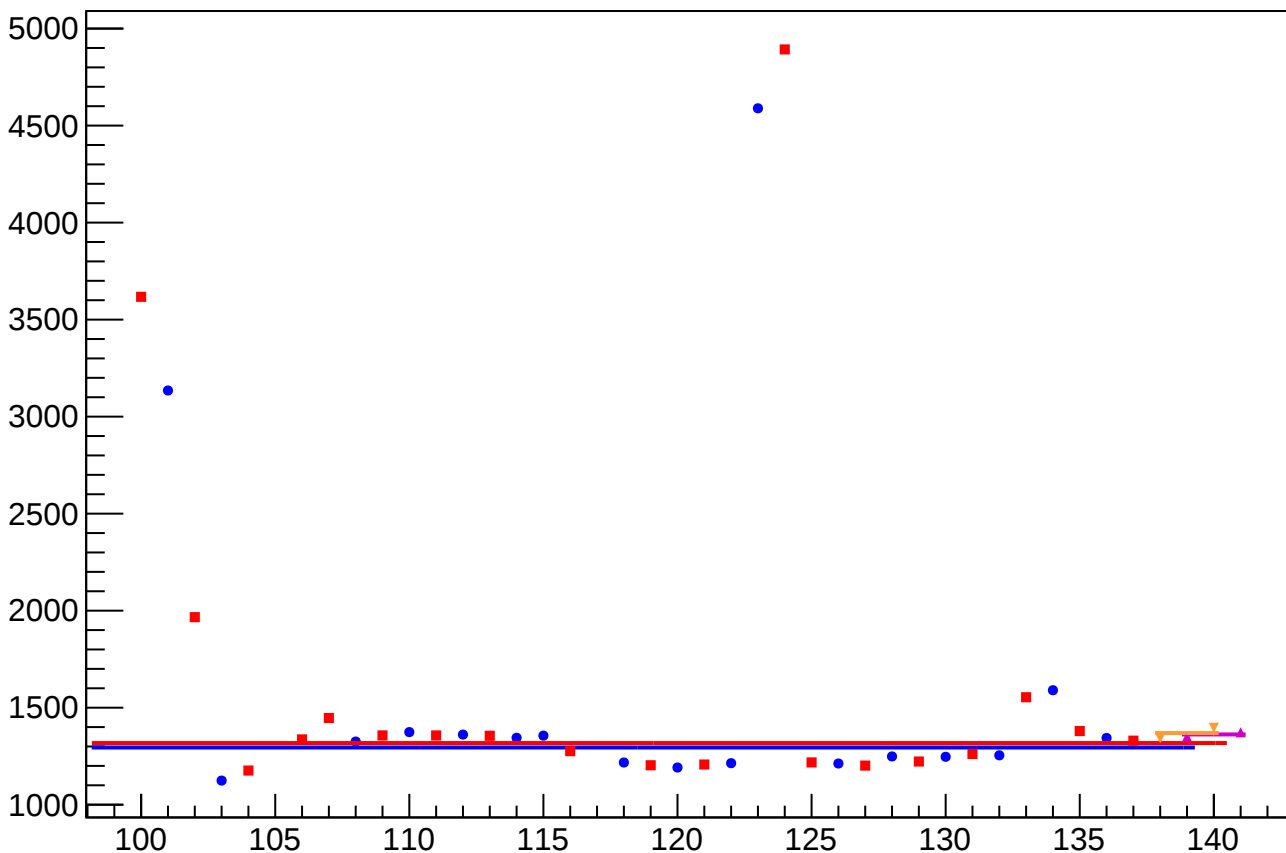
Right: -133.943+/-361.026 χ^2/NDF : 36.6/35

In: 87.381+/-462.040 χ^2/NDF : 17.0/18

Out: -397.760+/-462.331 χ^2/NDF : 24.6/20

All: -155.037+/-326.814 χ^2/NDF : 42.2/39

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1369.283 $\pm$ 0.786 χ^2 /NDF:1168.2/1

Right Out: 1317.789 $\pm$ 0.359 χ^2 /NDF: 390807.4/18

Left In: 1362.078 $\pm$ 0.753 χ^2 /NDF:223.6/1

Left: 1365.524 $\pm$ 0.544 χ^2 /NDF: 1435.6/3

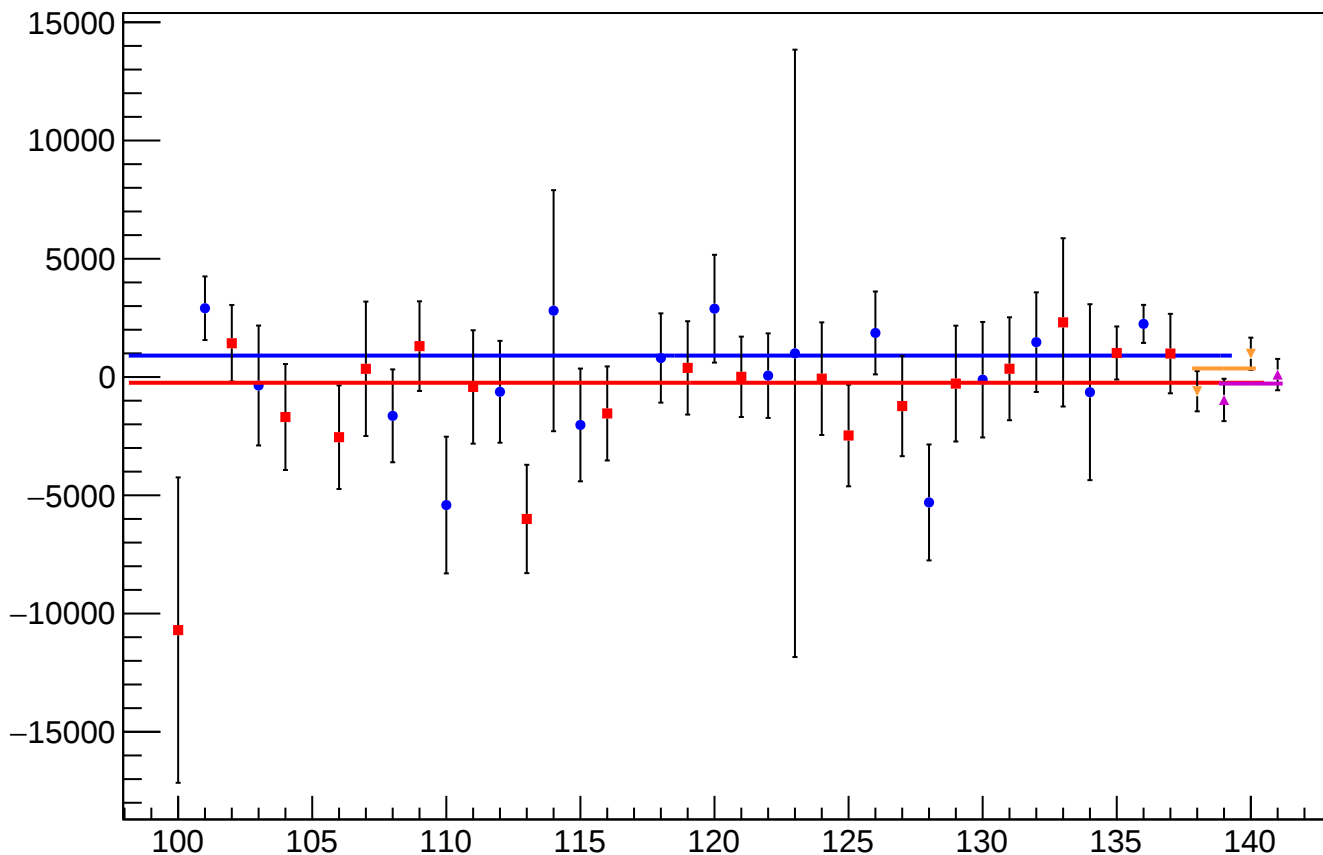
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1307.410 $\pm$ 0.327 χ^2 /NDF:514522.0/18

Out: 1326.687 $\pm$ 0.327 χ^2 /NDF:395522.1/20

All: 1317.042 $\pm$ 0.231 χ^2 /NDF: 911783.7/39

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: 363.149+/-532.183 χ^2/NDF : 2.1/1

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: 43.978+/-376.513 χ^2/NDF : 3.8/3

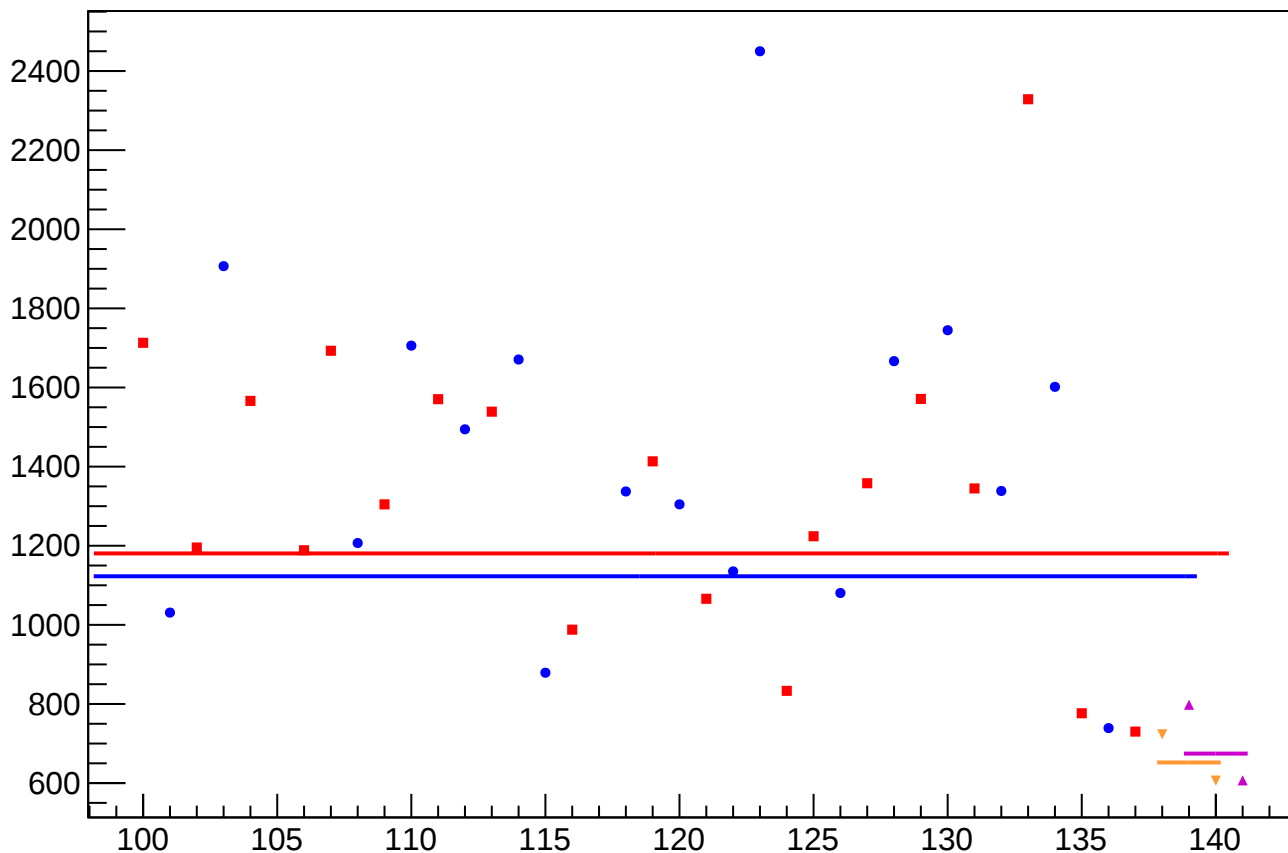
Right: 341.565+/-324.946 χ^2/NDF : 41.6/35

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

Out: 18.752+/-349.452 χ^2/NDF : 19.3/20

All: 214.531+/-245.999 χ^2/NDF : 45.7/39

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: 652.145+/-0.376 χ^2/NDF : 23059.6/1

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: 663.341+/-0.266 χ^2/NDF : 83716.6/3

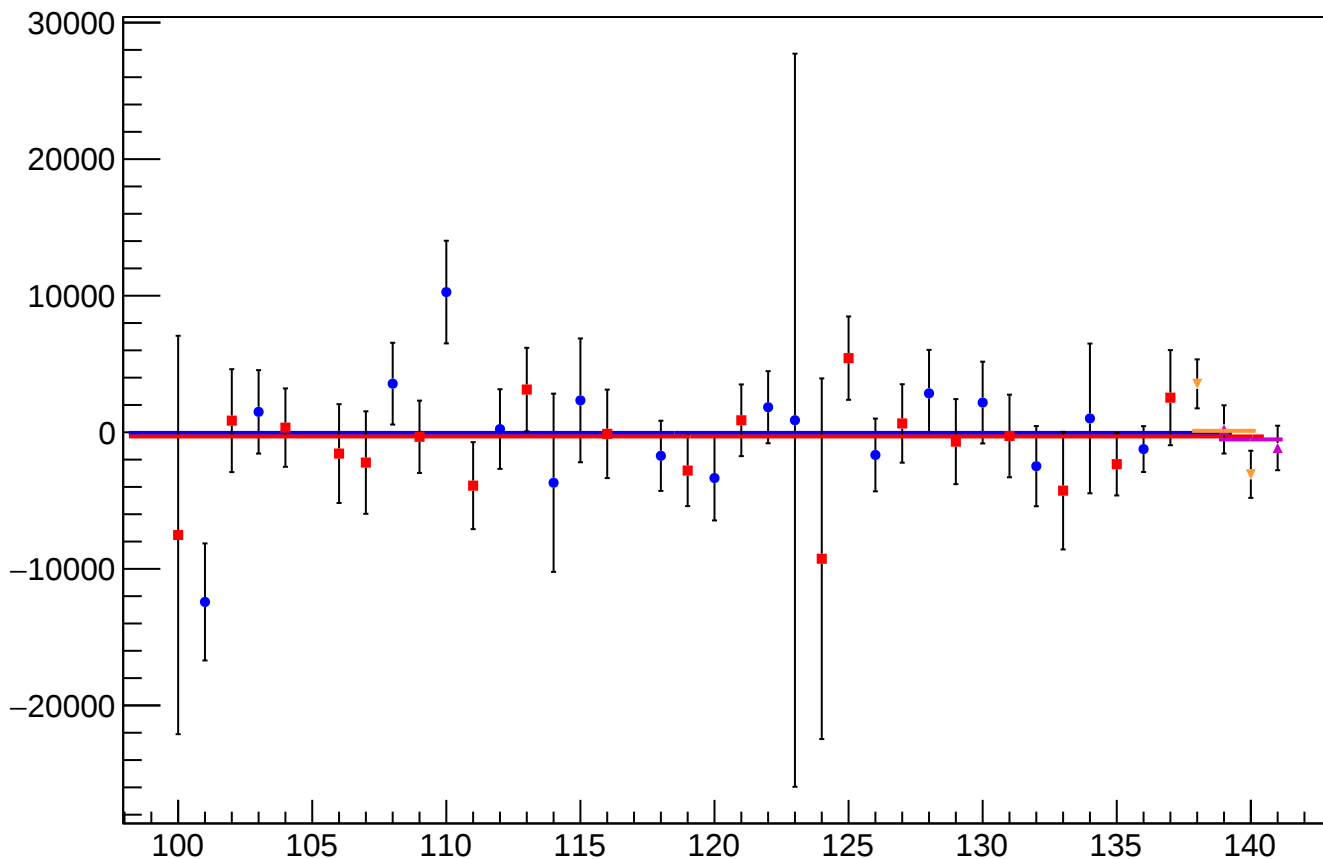
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 933.329+/-0.245 χ^2/NDF : 2064158.2/18

Out: 952.717+/-0.247 χ^2/NDF : 2180011.3/20

All: 942.937+/-0.174 χ^2/NDF : 4247274.9/39

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: 106.188 ± 1244.254 χ^2/NDF : 7.1/1

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: -220.447 ± 862.944 χ^2/NDF : 7.5/3

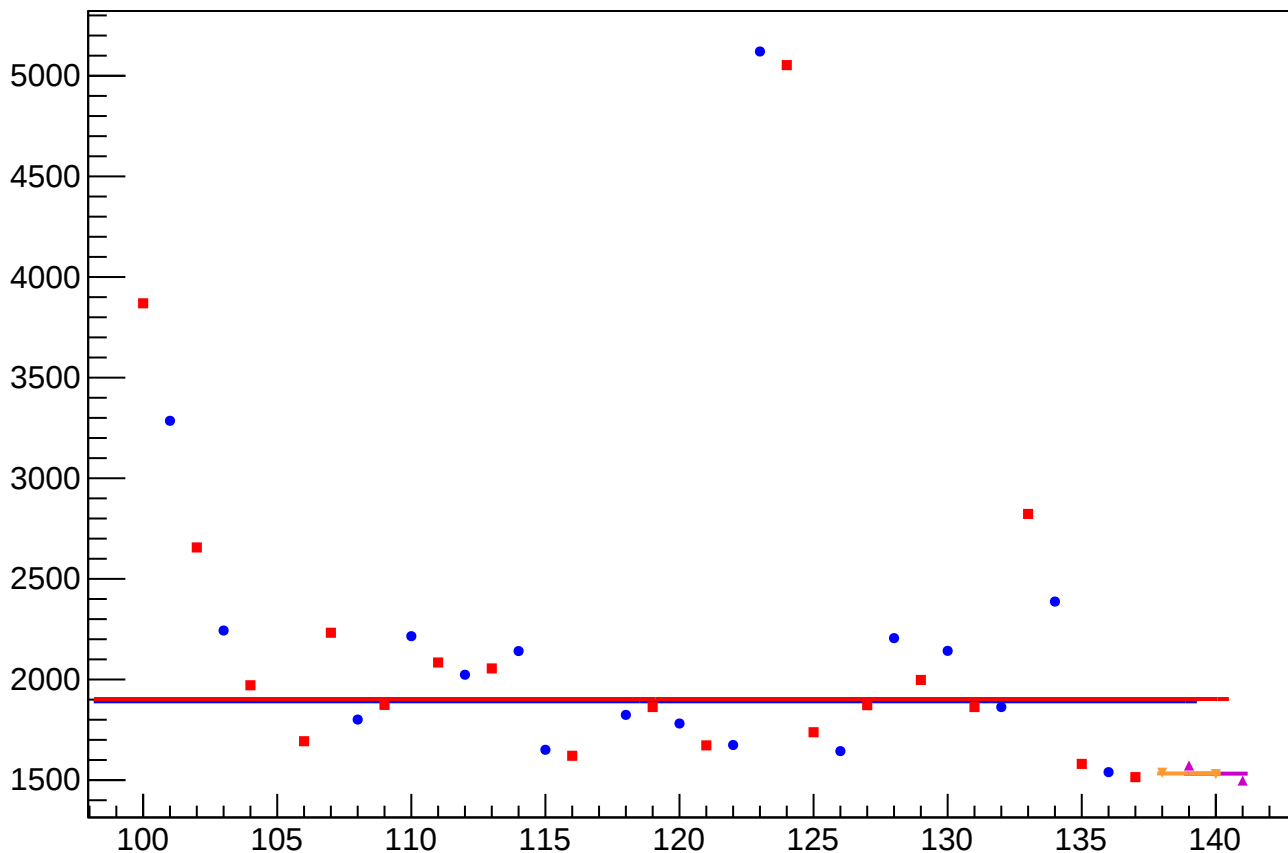
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -178.587 ± 634.207 χ^2/NDF : 23.6/18

Out: -197.801 ± 632.488 χ^2/NDF : 18.0/20

All: -188.220 ± 447.843 χ^2/NDF : 41.7/39

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: 1533.010+/-0.880 χ^2/NDF :15.1/1

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: 1532.577+/-0.610 χ^2/NDF : 1956.3/3

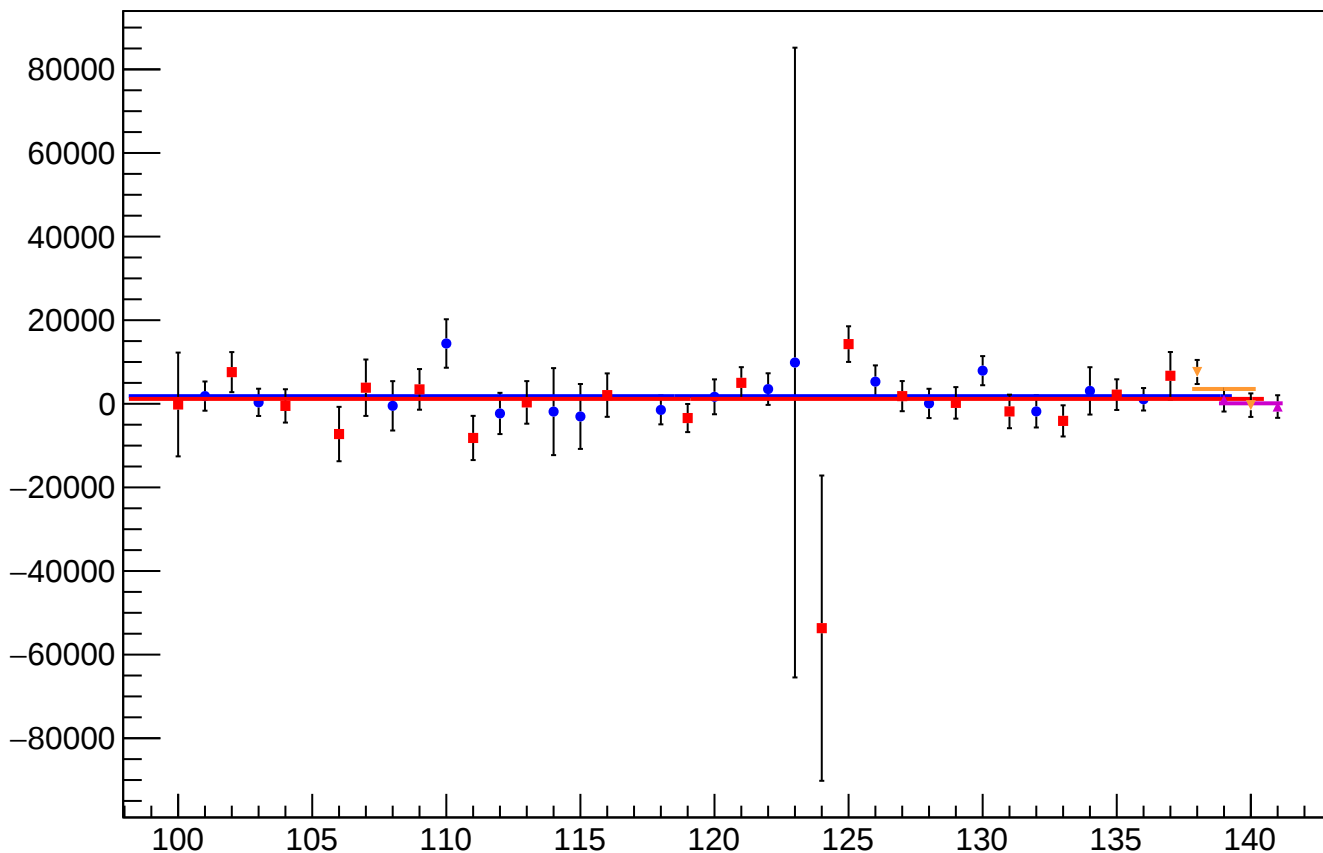
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1790.895+/-0.448 χ^2/NDF :600670.7/18

Out: 1807.405+/-0.447 χ^2/NDF :591319.2/20

All: 1799.172+/-0.317 χ^2/NDF : 1192669.4/39

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 3547.015+/-2012.838 χ^2/NDF : 3.9/1

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: 1765.936+/-1396.271 χ^2/NDF : 5.6/3

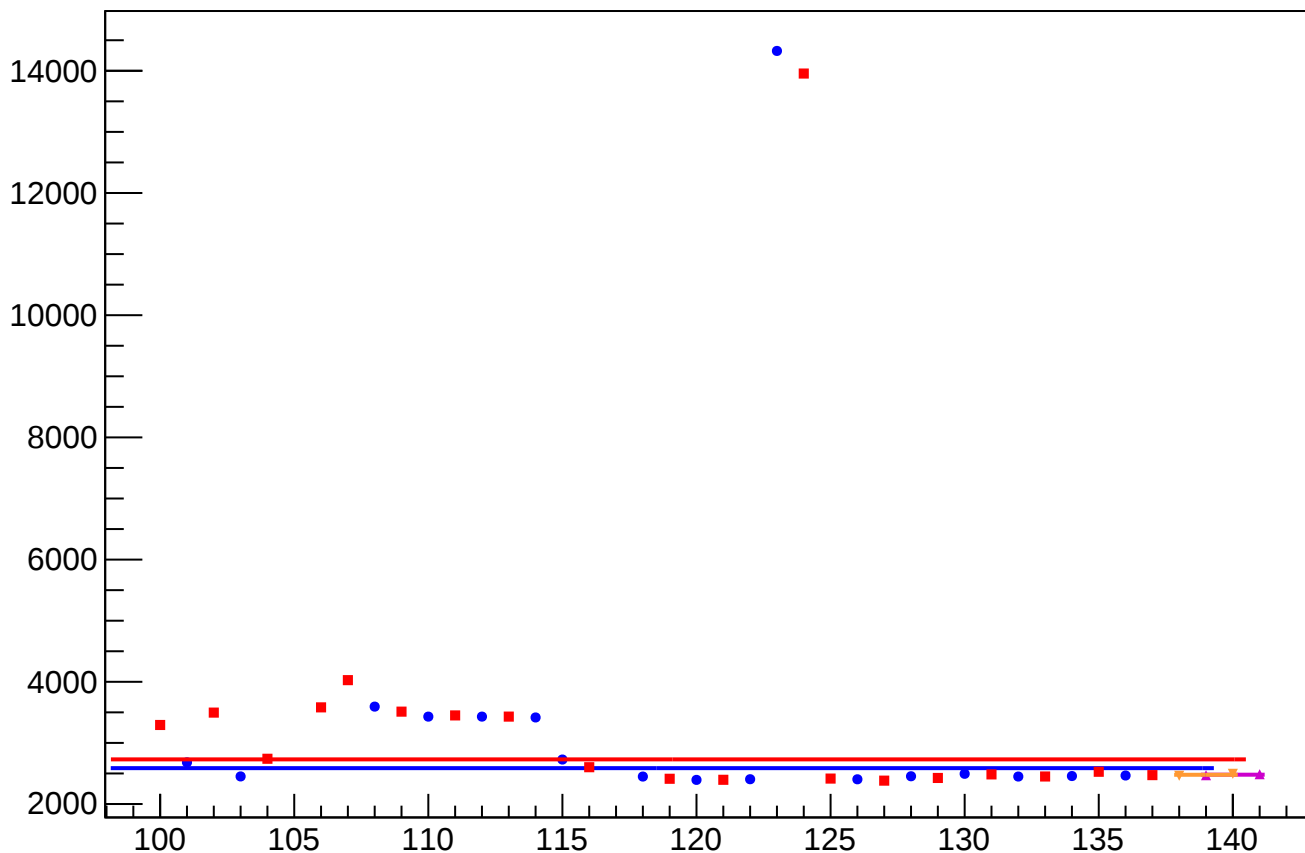
Right: 1510.553+/-726.697 χ^2/NDF : 38.2/35

In: 1459.627+/-895.832 χ^2/NDF : 13.3/18

Out: 1678.116+/-928.288 χ^2/NDF : 30.5/20

All: 1564.985+/-644.618 χ^2/NDF : 43.8/39

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2478.449+/-1.423 χ^2/NDF : 125.9/1

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: 2479.140+/-0.987 χ^2/NDF : 161.4/3

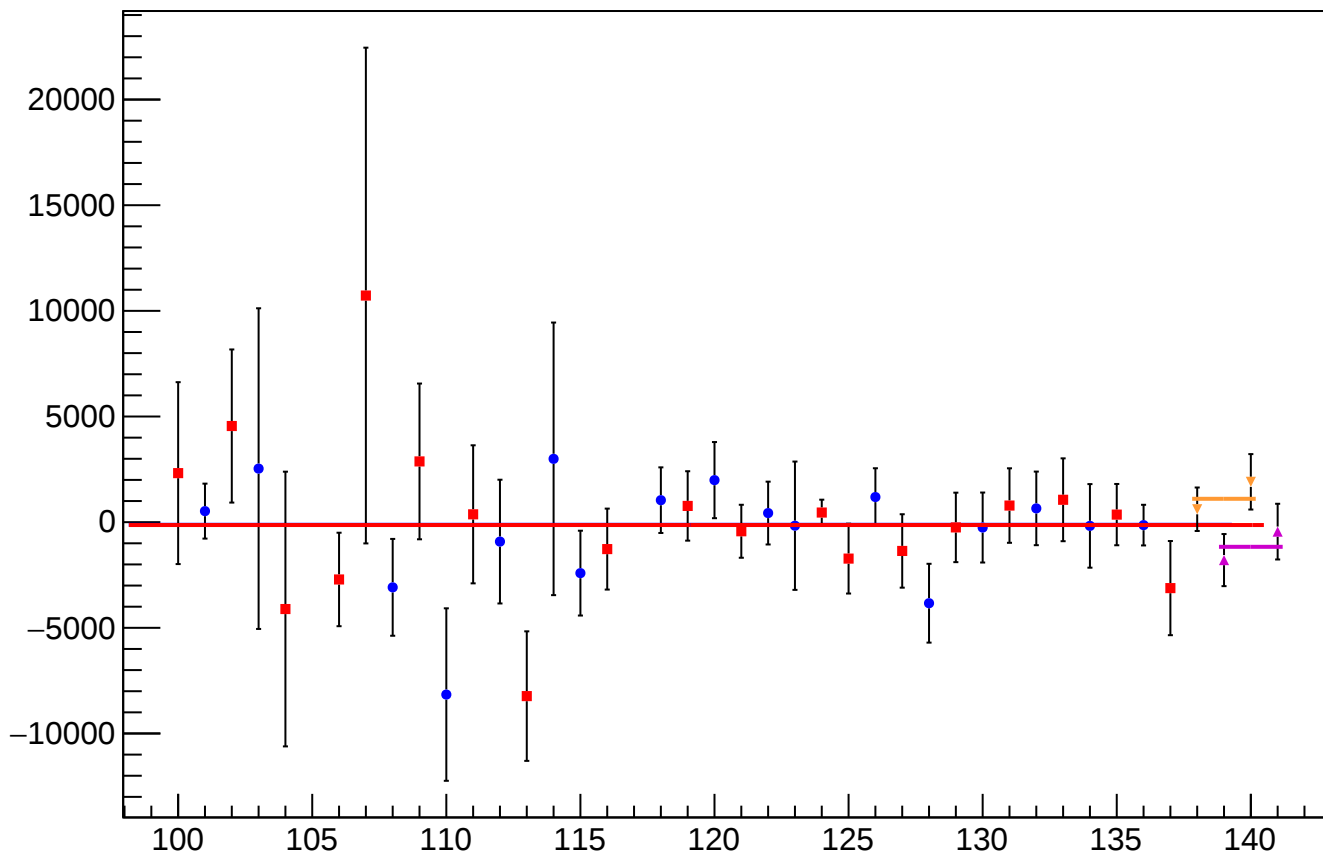
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2564.085+/-0.633 χ^2/NDF : 258957.5/18

Out: 2676.879+/-0.656 χ^2/NDF : 609806.7/20

All: 2618.476+/-0.456 χ^2/NDF : 884053.3/39

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 1105.974+/-809.486 χ^2/NDF : 0.6/1

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: 90.369+/-601.977 χ^2/NDF : 4.7/3

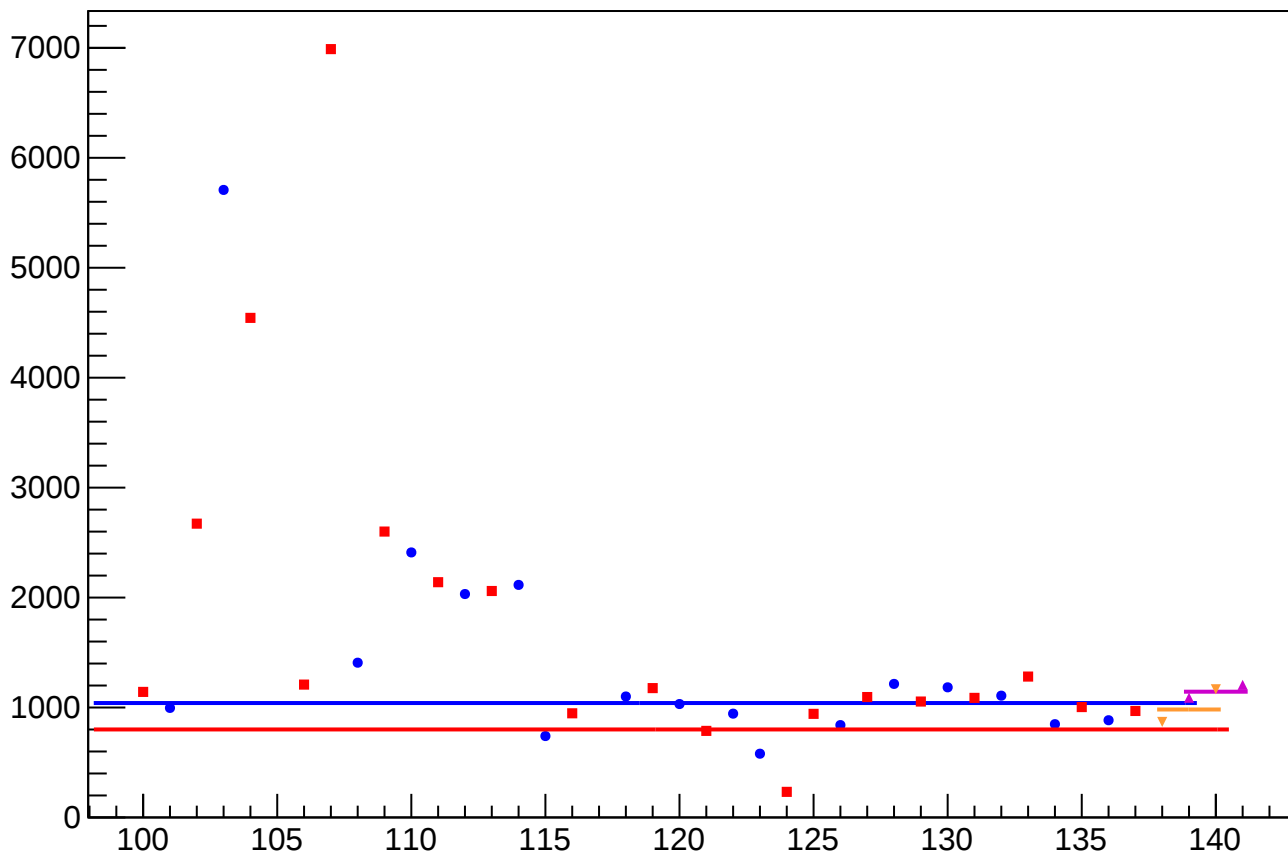
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -318.487+/-388.581 χ^2/NDF : 16.3/18

Out: 88.269+/-343.568 χ^2/NDF : 20.4/20

All: -90.196+/-257.389 χ^2/NDF : 37.4/39

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 982.003+/-0.572 χ^2/NDF : 63511.6/1

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: 1054.333+/-0.426 χ^2/NDF : 107655.3/3

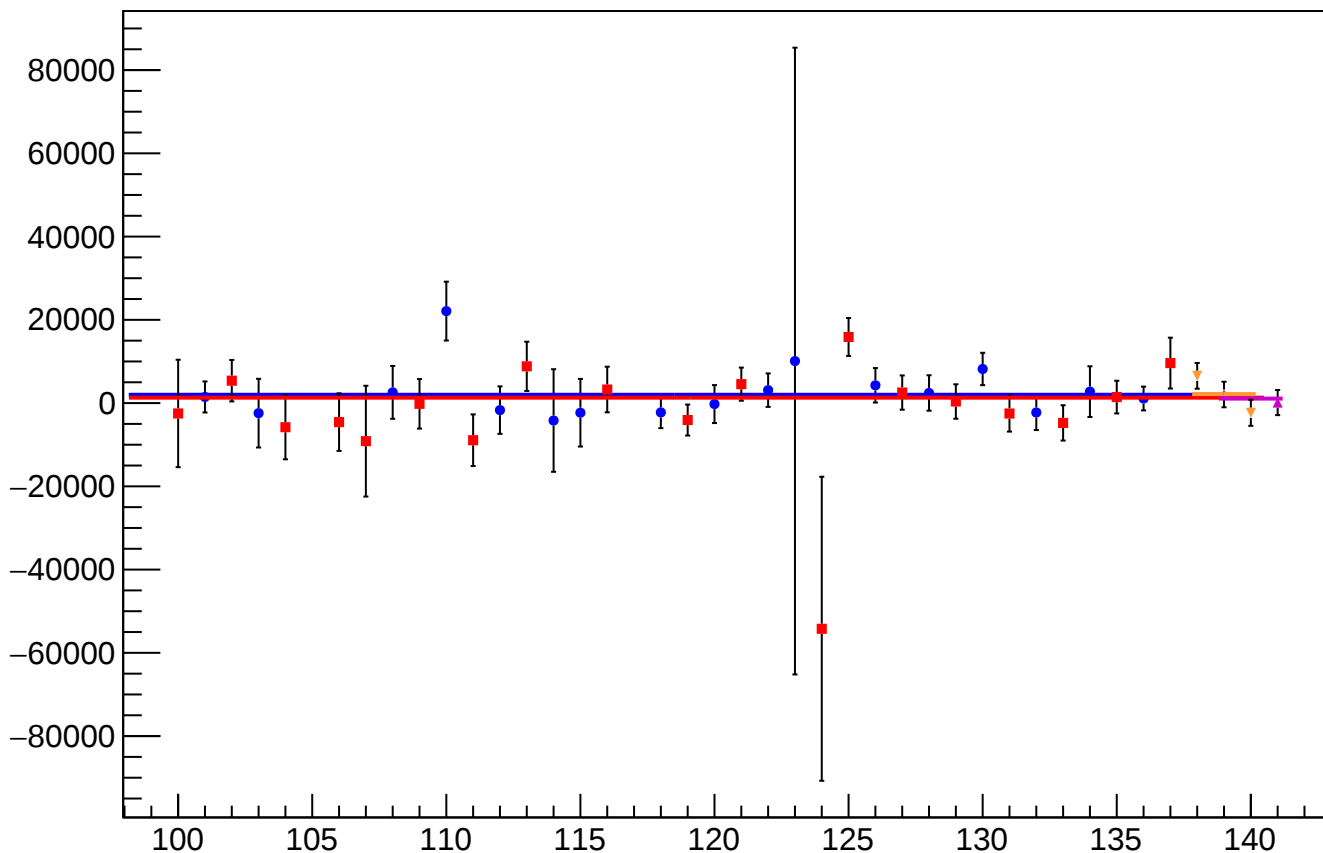
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 1059.955+/-0.275 χ^2/NDF : 1602777.4/18

Out: 833.119+/-0.243 χ^2/NDF : 5333059.0/20

All: 932.644+/-0.182 χ^2/NDF : 7318349.7/39

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 2163.093+/-2201.416 χ^2/NDF : 4.1/1

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: 1608.658+/-1538.588 χ^2/NDF : 4.4/3

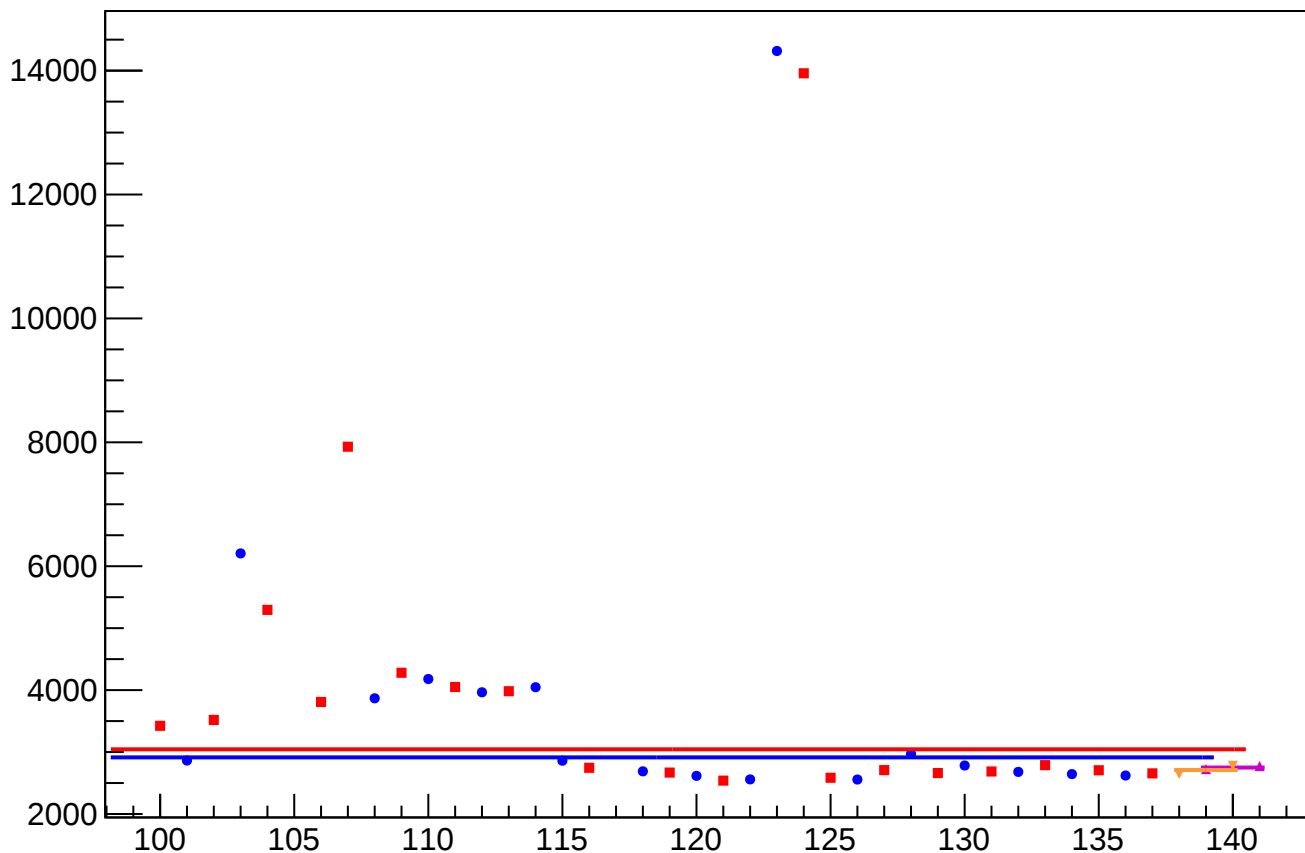
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1791.048+/-1017.644 χ^2/NDF : 15.3/18

Out: 1498.023+/-1045.925 χ^2/NDF : 31.7/20

All: 1648.550+/-729.376 χ^2/NDF : 47.1/39

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2709.947+/-1.557 χ^2/NDF :1857.5/1

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: 2730.496+/-1.088 χ^2/NDF : 2461.7/3

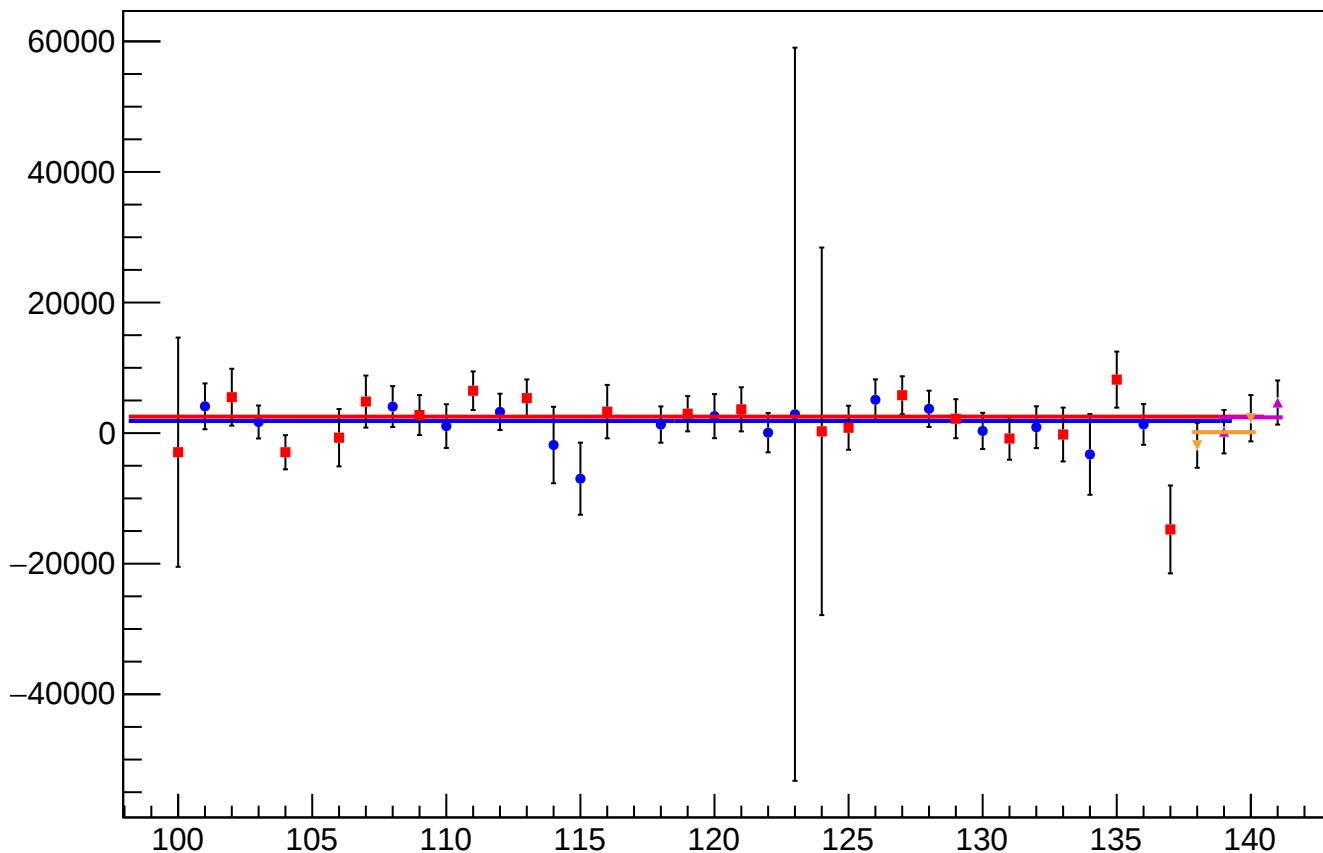
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2877.230+/-0.720 χ^2/NDF :648243.9/18

Out: 2968.960+/-0.740 χ^2/NDF :1042942.3/20

All: 2921.838+/-0.516 χ^2/NDF : 1699088.6/39

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 149.490 $\pm$ 2470.843 χ^2 /NDF:0.7/1

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

Left In: 2413.780 $\pm$ 2370.779 χ^2 /NDF:0.9/1

Left: 1328.412 $\pm$ 1710.675 χ^2 /NDF: 2.0/3

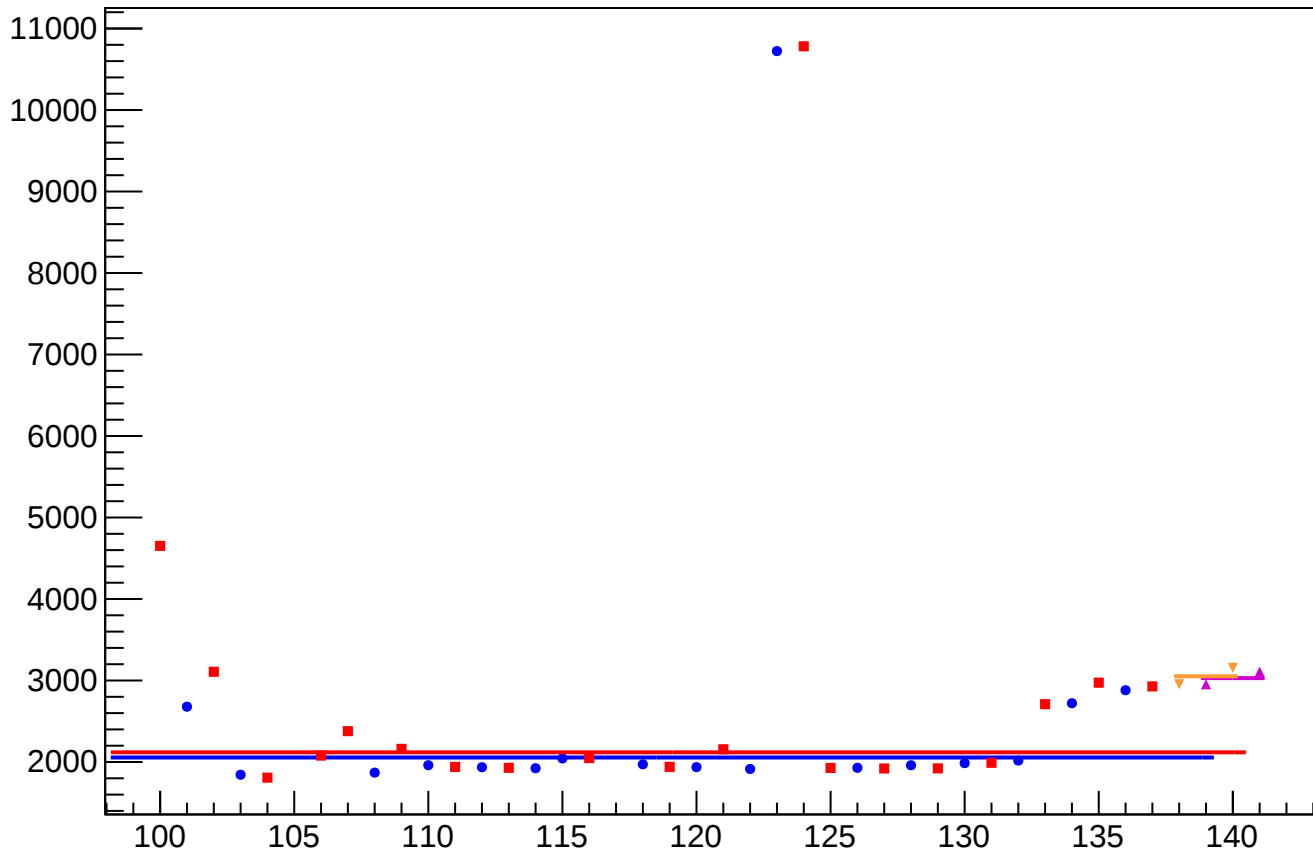
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 1908.593 $\pm$ 763.750 χ^2 /NDF:8.2/18

Out: 2288.605 $\pm$ 776.920 χ^2 /NDF:21.7/20

All: 2095.351 $\pm$ 544.649 χ^2 /NDF: 30.0/39

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 3051.779+/-1.747 χ^2/NDF : 3315.1/1

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: 3040.063+/-1.210 χ^2/NDF : 5509.6/3

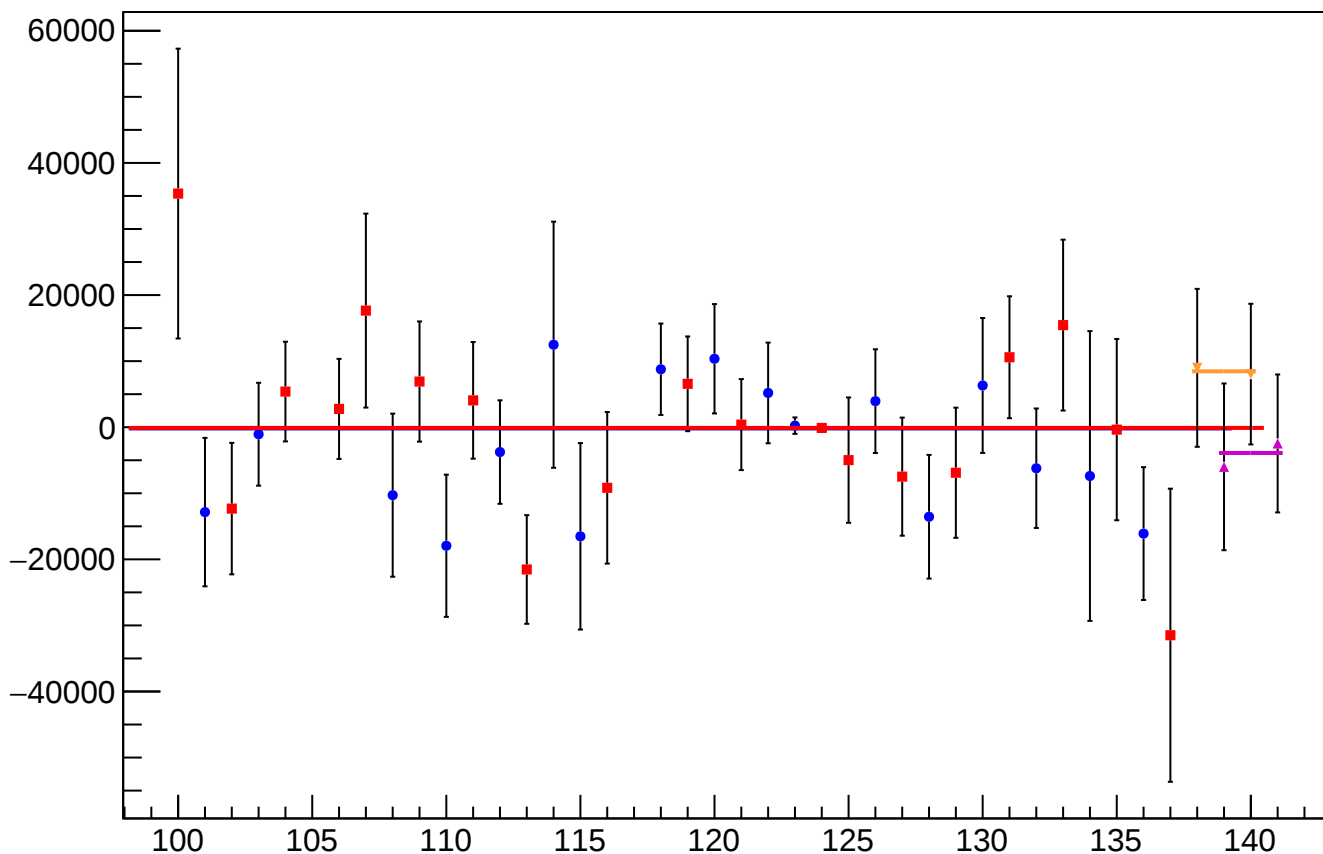
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2156.512+/-0.540 χ^2/NDF : 620923.9/18

Out: 2210.797+/-0.549 χ^2/NDF : 834078.1/20

All: 2183.227+/-0.385 χ^2/NDF : 1459974.4/35

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: 8456.841+/-7947.502 χ^2/NDF : 0.0/1

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: -3897.648+/-8042.463 χ^2/NDF : 0.0/1

Left: 2352.964+/-5653.007 χ^2/NDF : 1.2/3

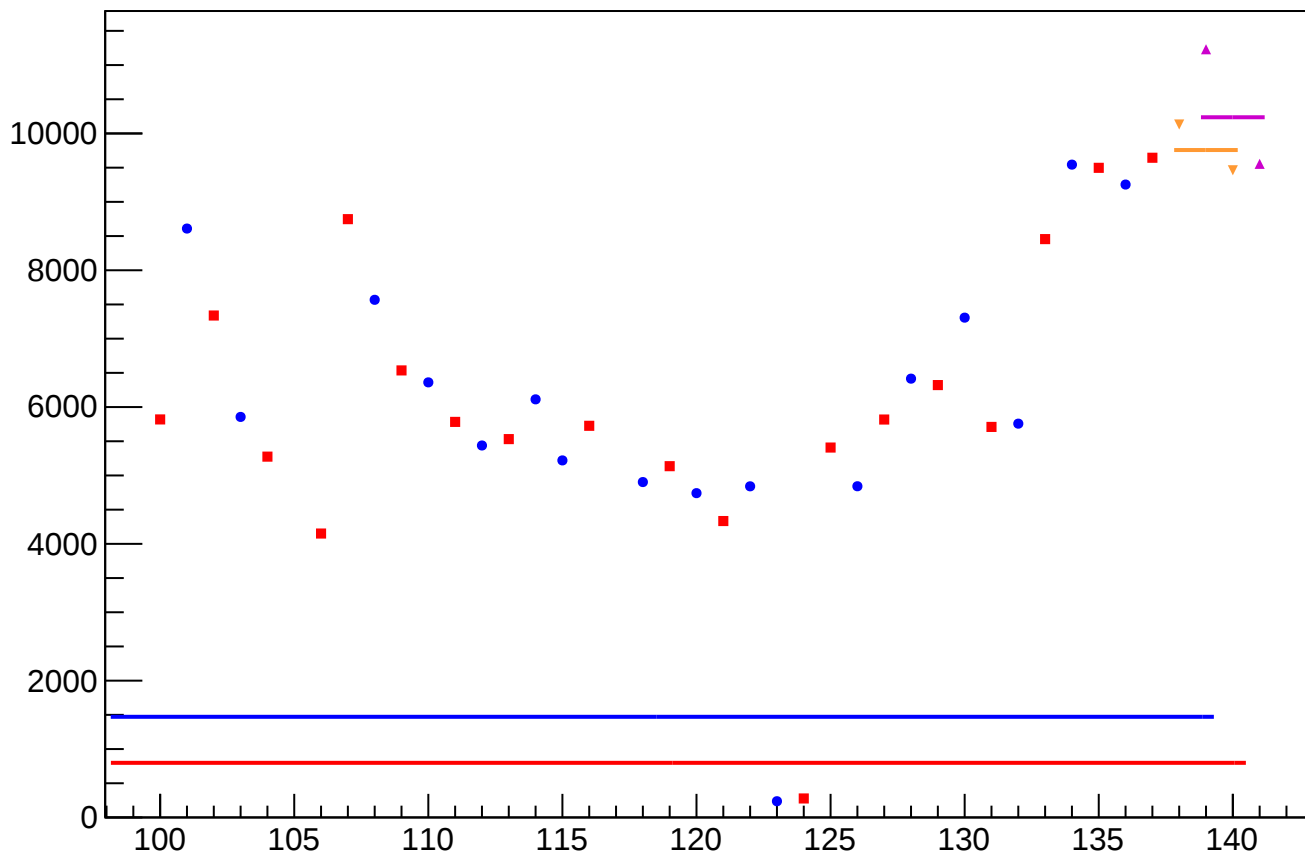
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -253.514+/-1090.611 χ^2/NDF : 16.6/18

Out: -42.549+/-688.044 χ^2/NDF : 22.7/20

All: -102.610+/-581.917 χ^2/NDF : 39.4/39

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 9757.820+/-5.620 χ^2/NDF : 3500.5/1

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: 9994.517+/-3.997 χ^2/NDF : 28024.4/3

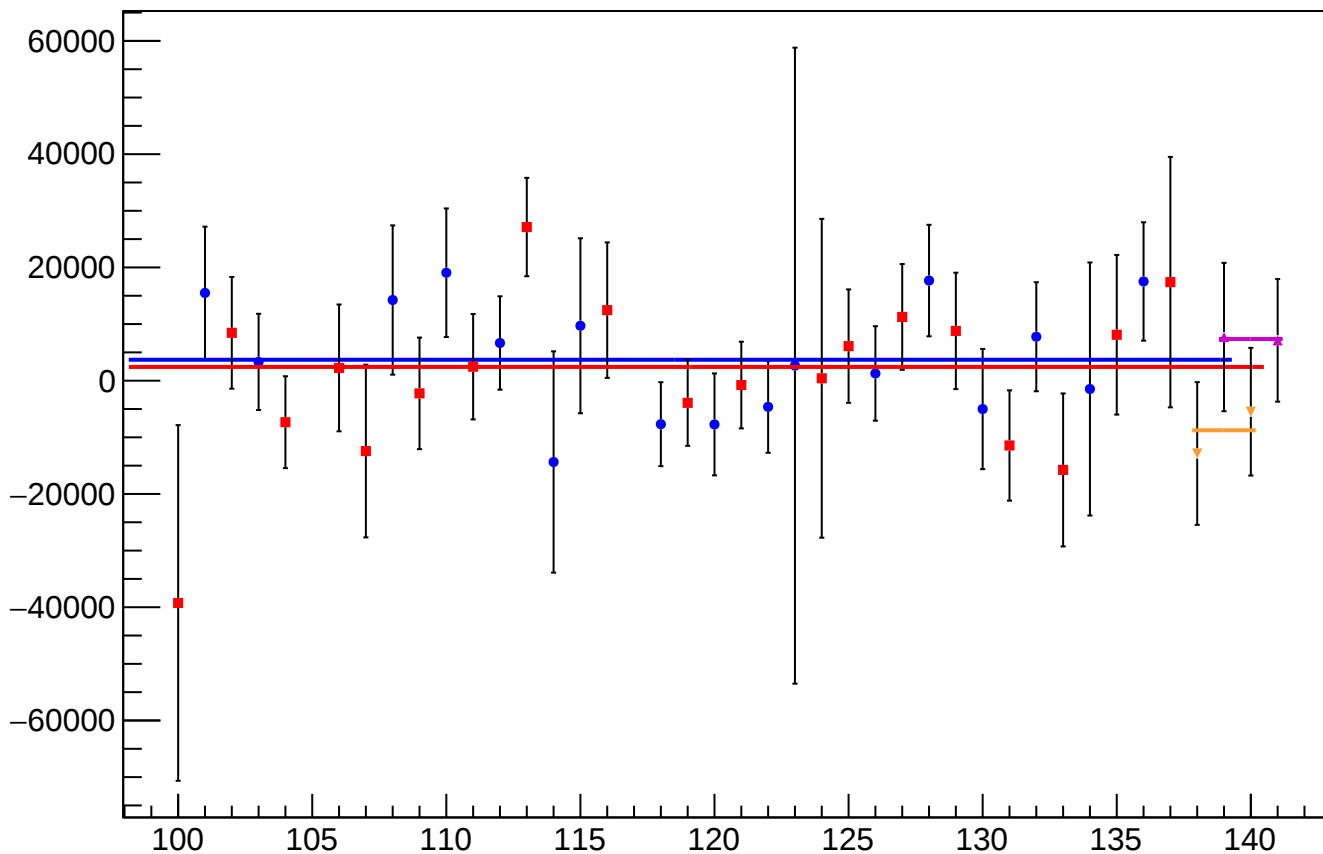
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 1632.795+/-0.771 χ^2/NDF : 12141166.2/18

Out: 865.791+/-0.487 χ^2/NDF : 14053520.4/20

All: 1084.154+/-0.411 χ^2/NDF : 26902266.6/3

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -8756.731+/-8402.540 χ^2/NDF : 0.2/1

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: -642.320+/-5921.134 χ^2/NDF : 2.0/3

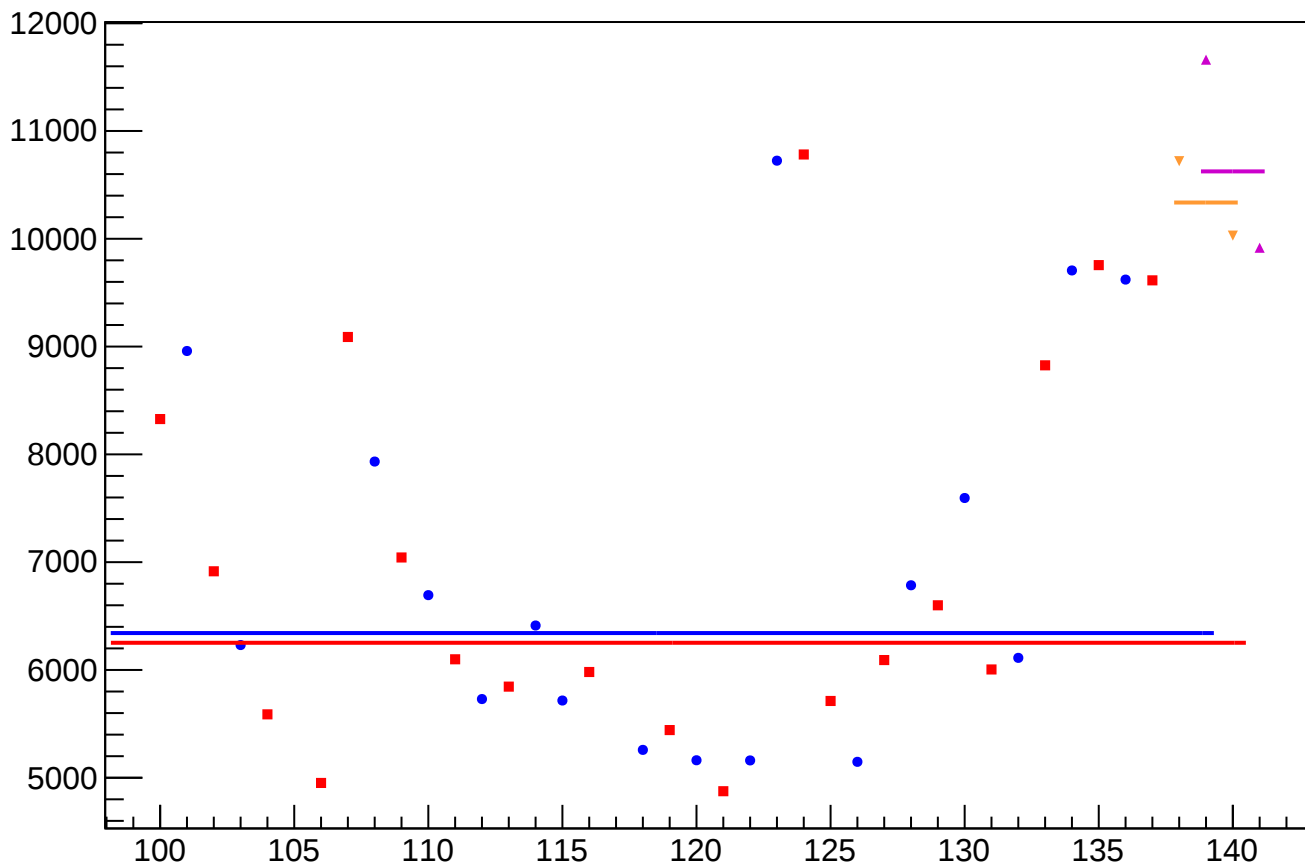
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 4004.113+/-2410.612 χ^2/NDF : 14.6/18

Out: 1572.434+/-2326.732 χ^2/NDF : 22.1/20

All: 2745.231+/-1674.116 χ^2/NDF : 37.2/39

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10336.293+/-5.941 χ^2/NDF : 3335.4/1

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: 10481.635+/-4.187 χ^2/NDF : 25601.7/3

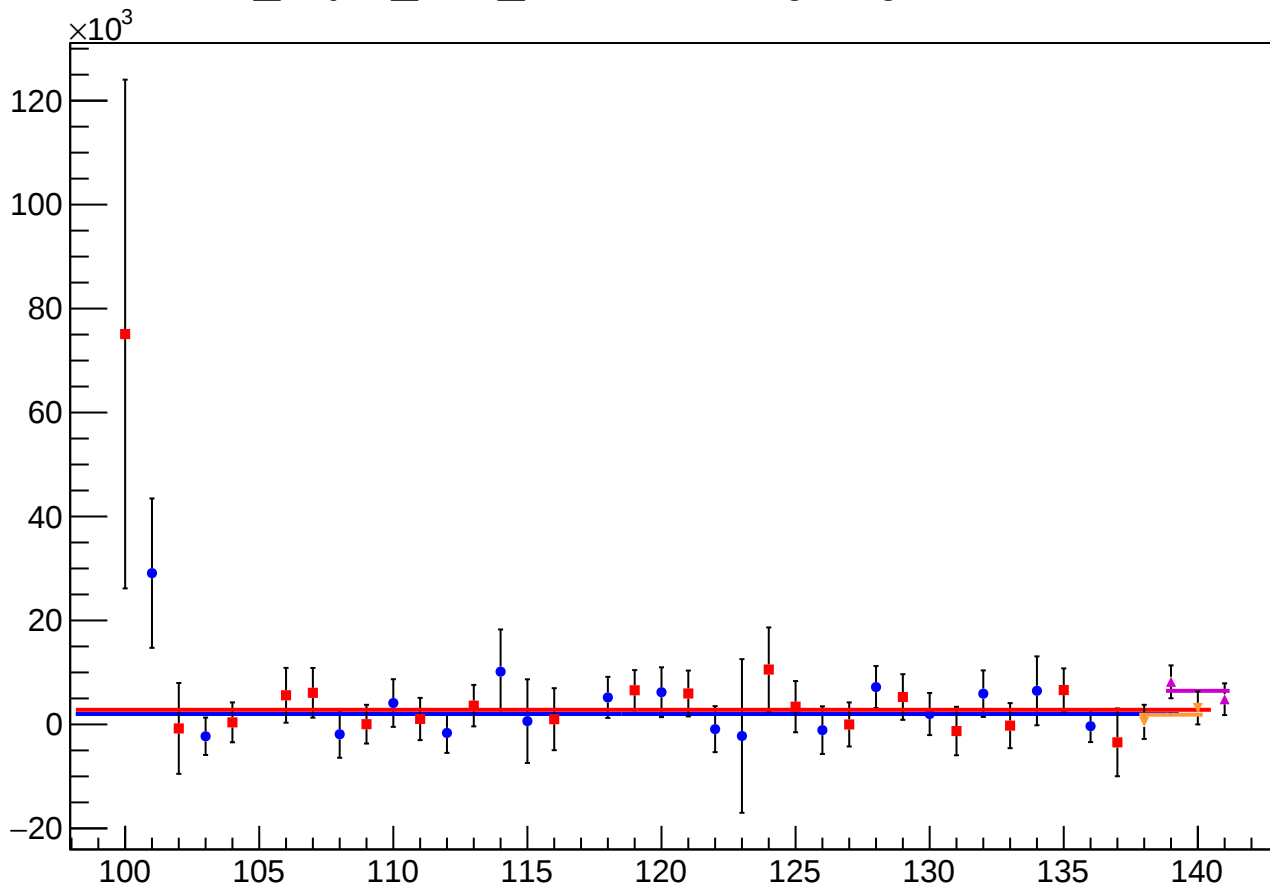
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 6699.671+/-1.705 χ^2/NDF : 1097519.0/18

Out: 6565.276+/-1.645 χ^2/NDF : 977650.9/20

All: 6630.092+/-1.184 χ^2/NDF : 2078388.3/39

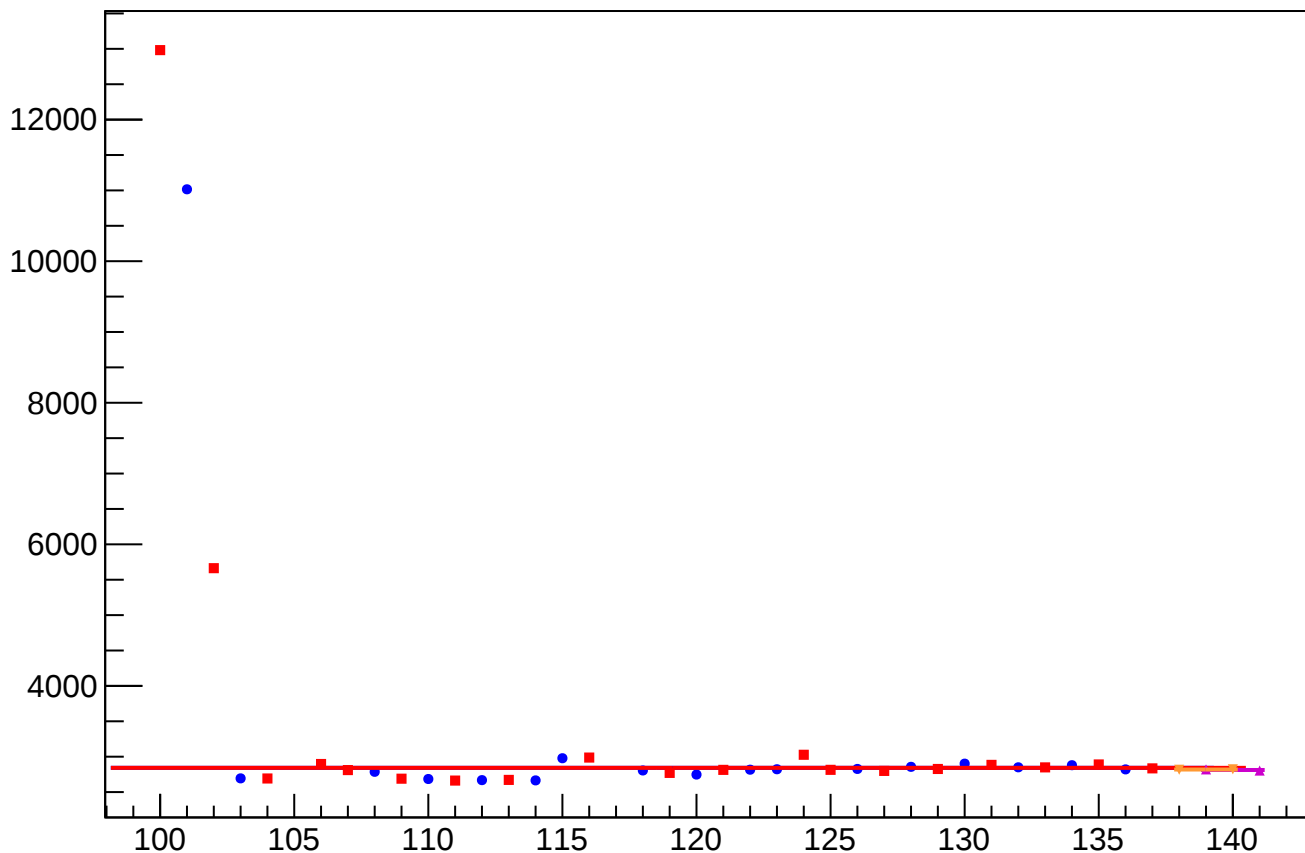
dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16
 Left Out: 1877.253+/-2282.379 χ^2/NDF : 0.3/1
 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: 4259.821+/-1581.942 χ^2/NDF : 3.0/3
 Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35
 In: 2932.861+/-1001.430 χ^2/NDF : 17.5/18
 Out: 2639.054+/-981.048 χ^2/NDF : 11.0/20
 All: 2782.937+/-700.801 χ^2/NDF : 28.6/39

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 ± 0.796 $\chi^2/\text{NDF}: 660305.1/16$

Left Out: 2818.678 ± 1.614 $\chi^2/\text{NDF}: 3.6/1$

Right Out: 2842.440 ± 0.768 $\chi^2/\text{NDF}: 312335.6/18$

Left In: 2812.087 ± 1.552 $\chi^2/\text{NDF}: 29.0/1$

Left: 2815.253 ± 1.119 $\chi^2/\text{NDF}: 41.3/3$

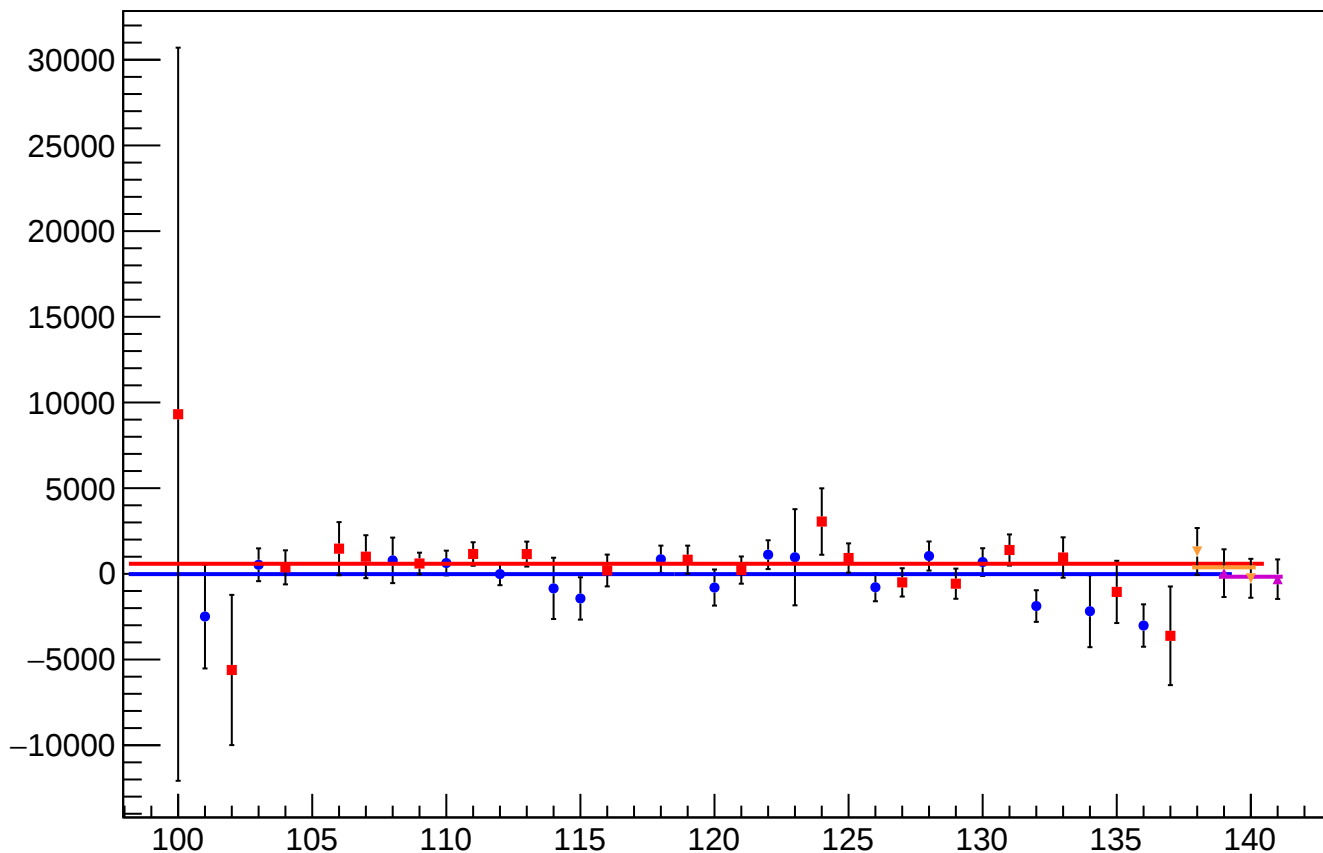
Right: 2842.531 ± 0.553 $\chi^2/\text{NDF}: 972640.7/35$

In: 2836.269 ± 0.708 $\chi^2/\text{NDF}: 660640.8/18$

Out: 2838.050 ± 0.694 $\chi^2/\text{NDF}: 312515.9/20$

All: 2837.178 ± 0.496 $\chi^2/\text{NDF}: 973159.9/39$

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: 380.089 ± 874.409 χ^2/NDF : 0.8/1

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: 110.386 ± 623.123 χ^2/NDF : 1.0/3

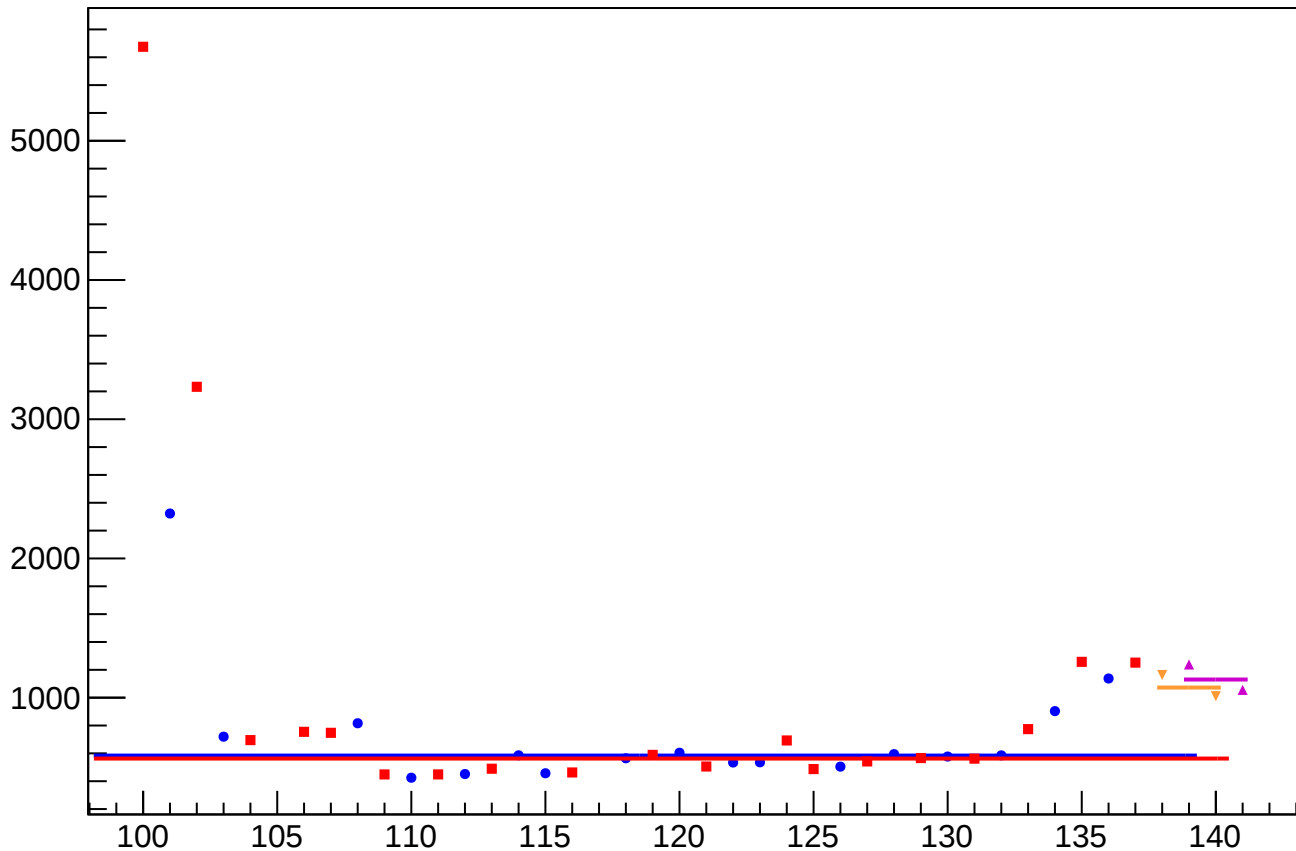
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: -25.900 ± 230.667 χ^2/NDF : 21.7/18

Out: 575.547 ± 218.627 χ^2/NDF : 14.3/20

All: 290.929 ± 158.678 χ^2/NDF : 39.6/39

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 1072.697+/-0.618 χ^2/NDF :14647.4/1

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: 1101.083+/-0.441 χ^2/NDF : 39287.6/3

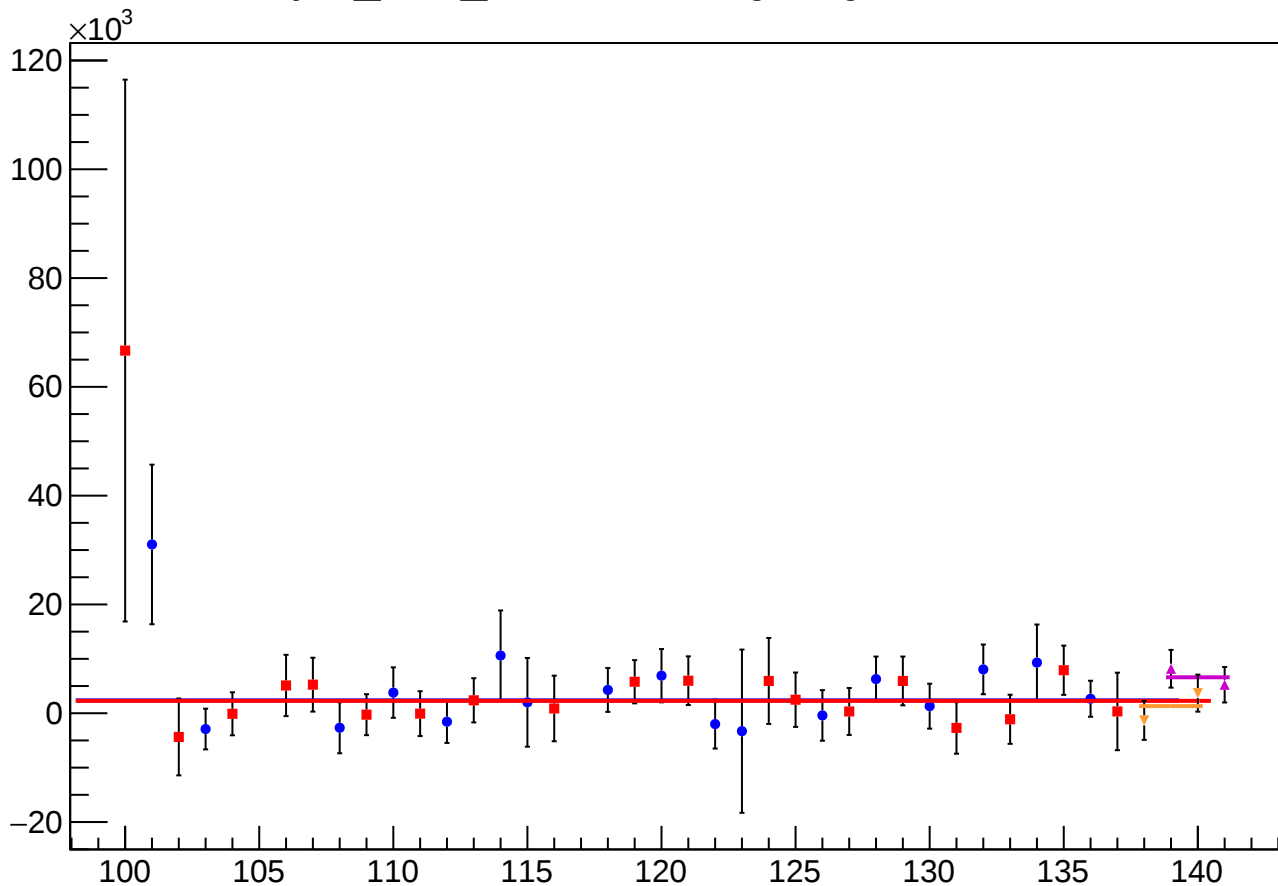
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 620.900+/-0.163 χ^2/NDF :2162578.1/18

Out: 594.574+/-0.155 χ^2/NDF :2292055.2/20

All: 607.032+/-0.112 χ^2/NDF : 4468357.0/39

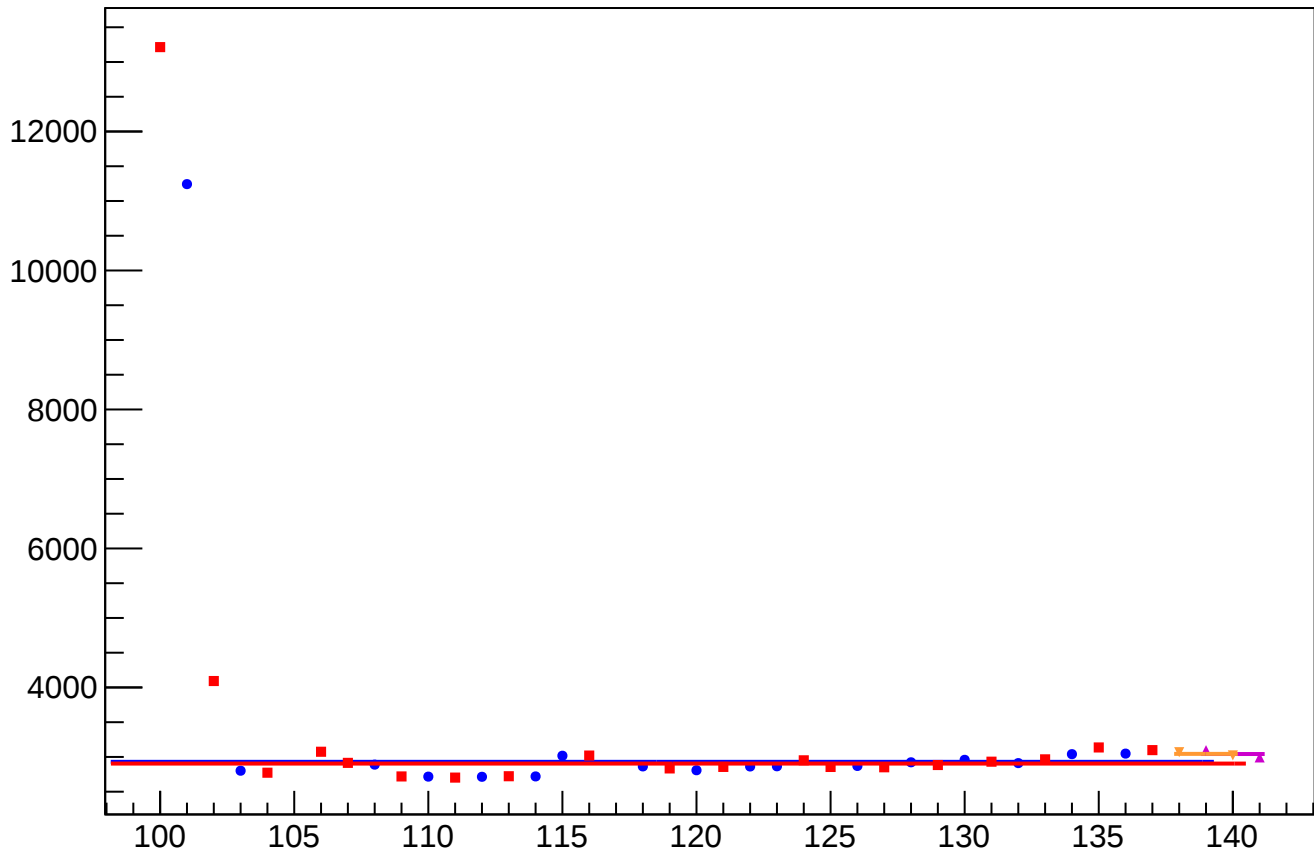
asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16
 Left Out: 1316.335 $\pm$ 2465.160 χ^2 /NDF:1.0/1
 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: 4061.772 $\pm$ 1710.409 χ^2 /NDF: 3.8/3
 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: 2115.080 $\pm$ 1013.385 χ^2 /NDF:11.4/20
 All: 2632.945 $\pm$ 726.574 χ^2 /NDF: 30.0/39

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 3044.195+/-1.743 χ^2/NDF :173.8/1

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: 3043.150+/-1.209 χ^2/NDF : 1136.2/3

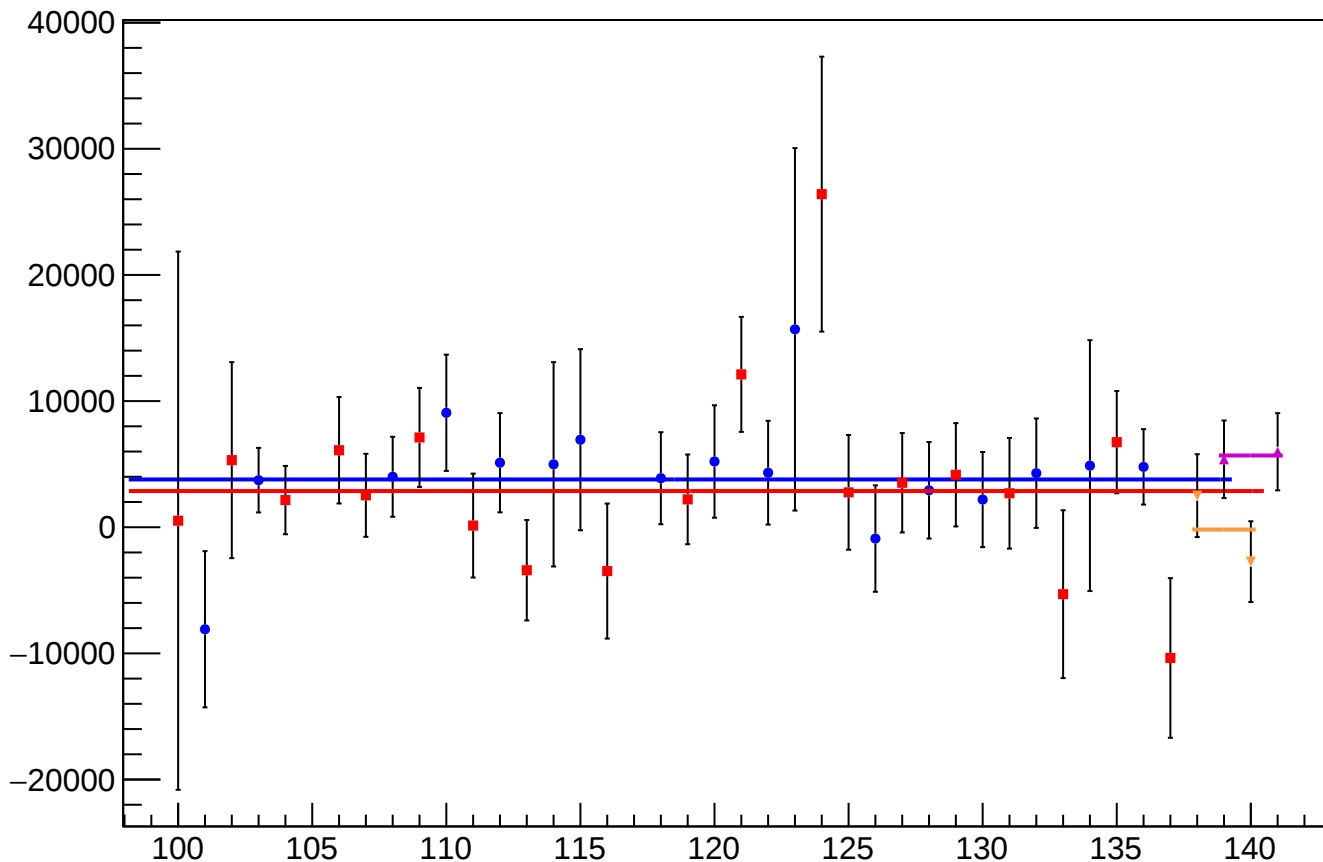
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2951.324+/-0.737 χ^2/NDF :667215.4/18

Out: 2928.165+/-0.717 χ^2/NDF :174794.3/20

All: 2939.419+/-0.514 χ^2/NDF : 842517.3/39

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: -182.416+/-2292.212 χ^2/NDF : 1.3/1

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: 2915.738+/-1575.002 χ^2/NDF : 4.8/3

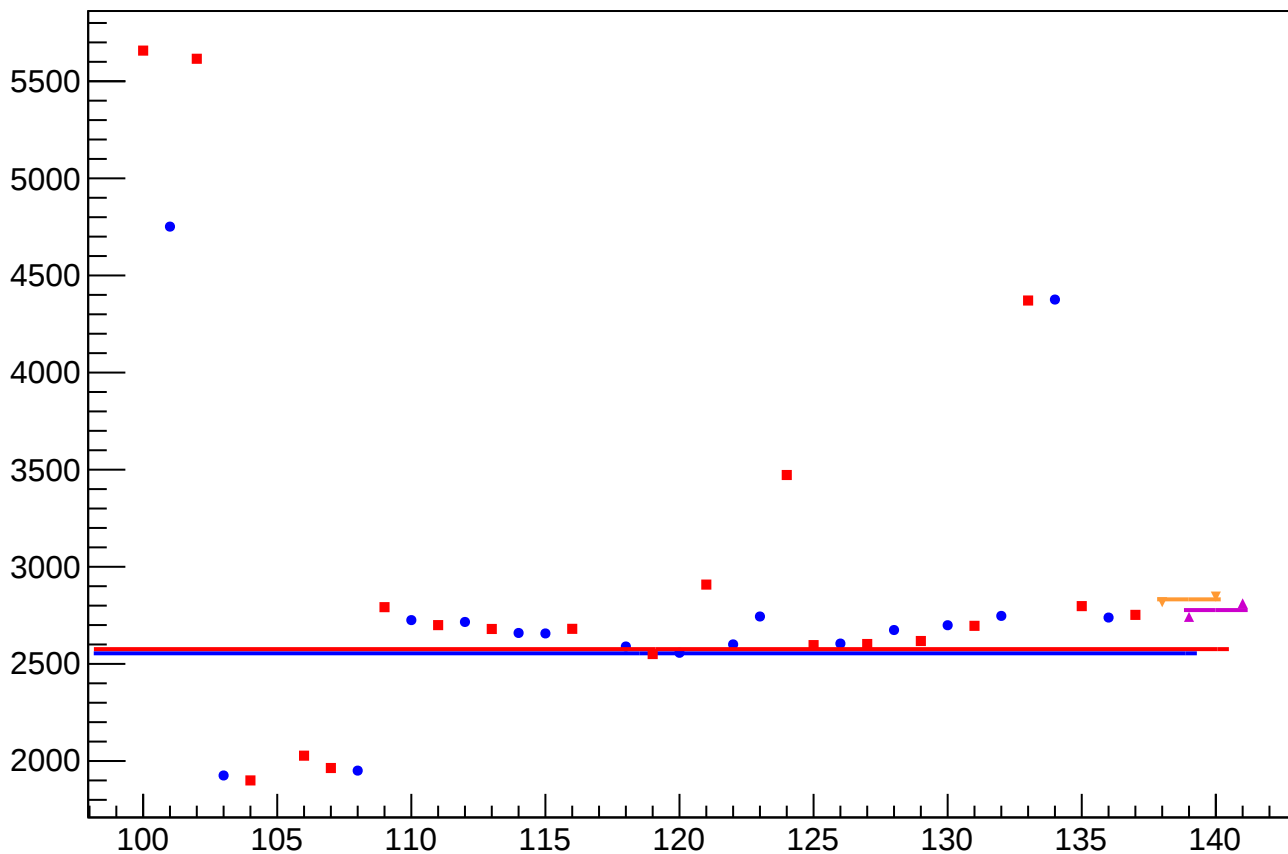
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 4125.474+/-914.107 χ^2/NDF : 8.4/18

Out: 2379.077+/-918.857 χ^2/NDF : 24.8/20

All: 3256.801+/-648.044 χ^2/NDF : 35.0/39

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 ± 0.713 $\chi^2/\text{NDF}: 536626.0/16$

Left Out: 2832.326 ± 1.621 $\chi^2/\text{NDF}: 80.4/1$

Right Out: 2576.077 ± 0.709 $\chi^2/\text{NDF}: 765156.6/18$

Left In: 2777.135 ± 1.533 $\chi^2/\text{NDF}: 515.3/1$

Left: 2803.192 ± 1.114 $\chi^2/\text{NDF}: 1207.7/3$

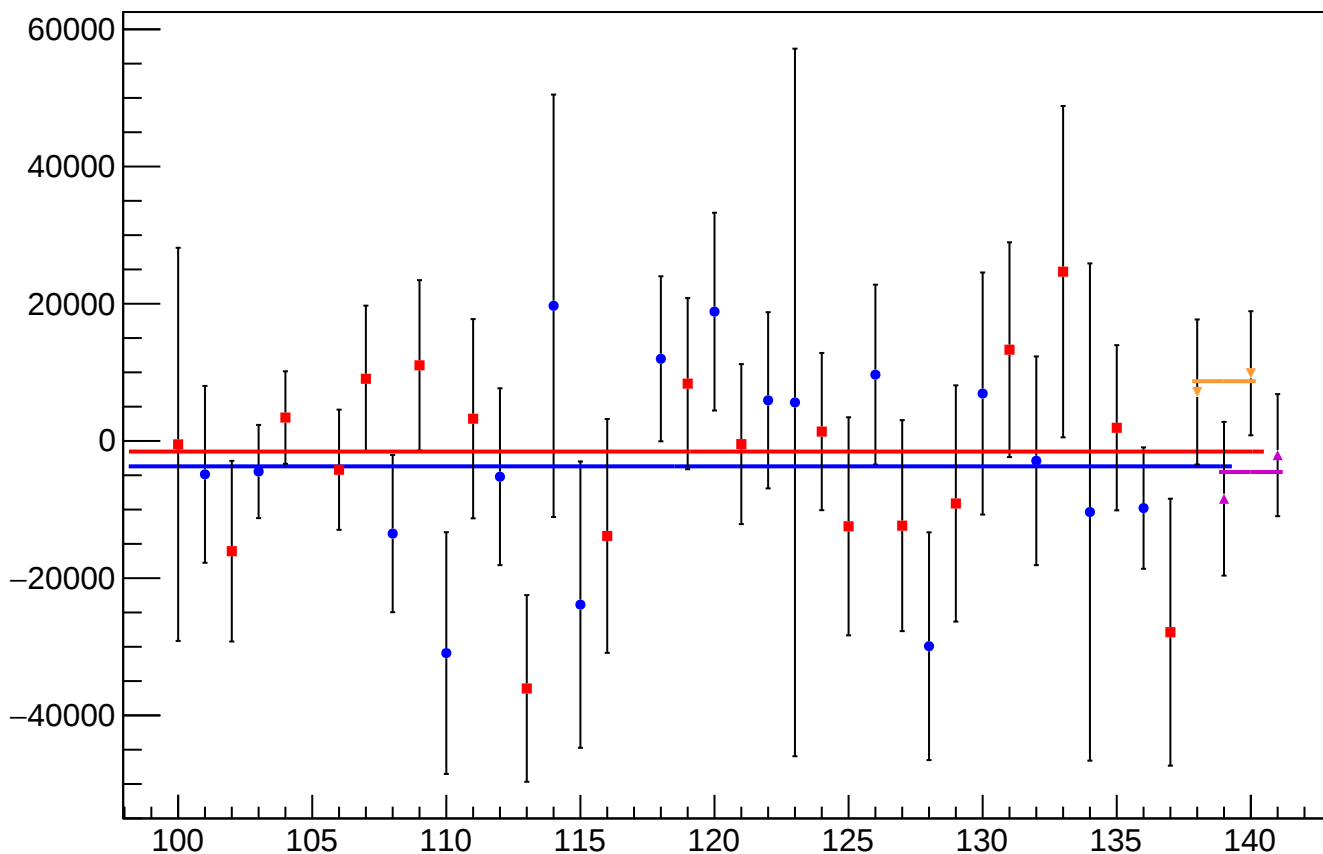
Right: 2565.366 ± 0.503 $\chi^2/\text{NDF}: 1302241.7/35$

In: 2594.118 ± 0.646 $\chi^2/\text{NDF}: 554479.8/18$

Out: 2617.225 ± 0.650 $\chi^2/\text{NDF}: 786217.9/20$

All: 2605.616 ± 0.458 $\chi^2/\text{NDF}: 1341333.7/39$

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 8714.371+/-6871.700 χ^2/NDF : 0.0/1

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: 2184.373+/-4892.279 χ^2/NDF : 2.1/3

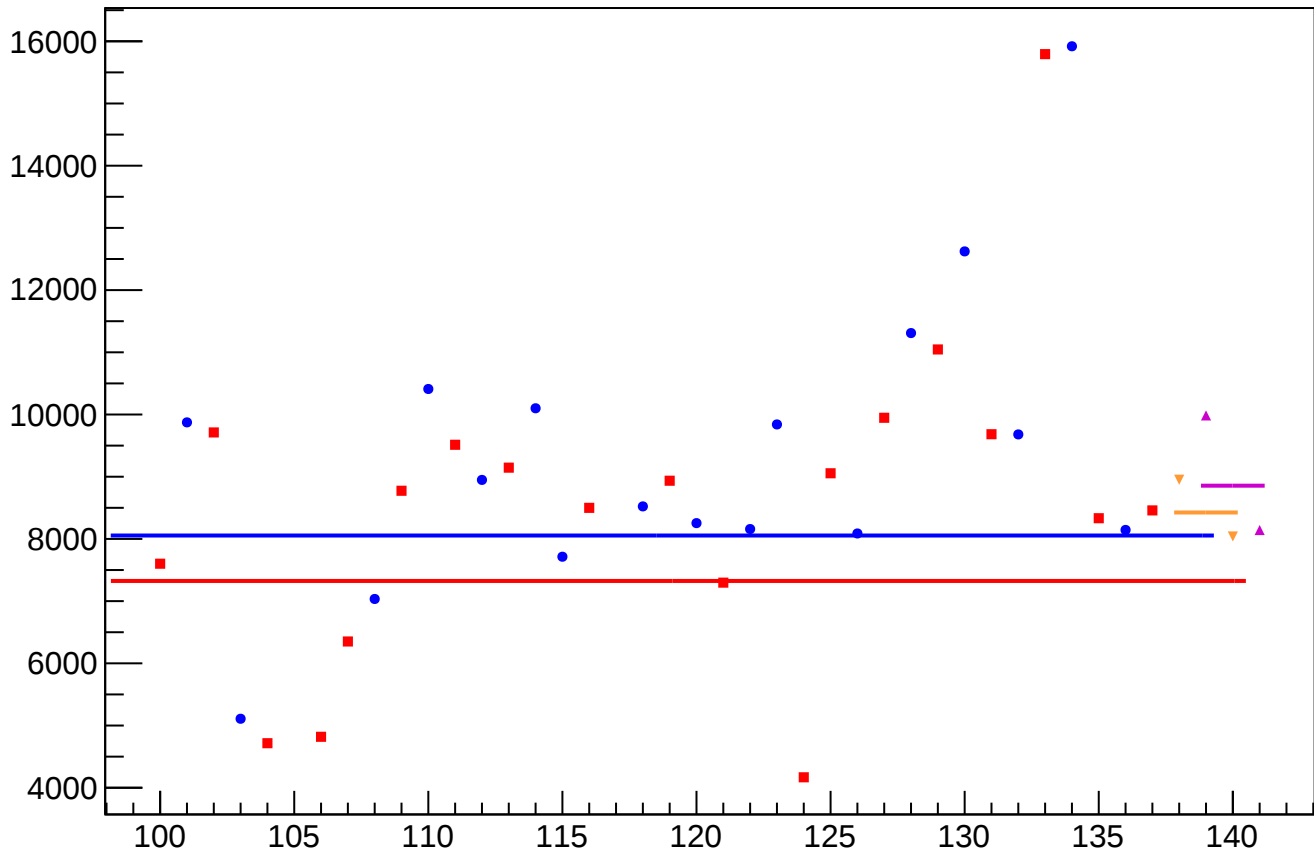
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -3845.103+/-2921.284 χ^2/NDF : 14.0/18

Out: 3.237+/-2669.351 χ^2/NDF : 18.7/20

All: -1747.865+/-1970.574 χ^2/NDF : 33.7/39

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8424.908+/-4.859 χ^2/NDF : 8603.6/1

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: 8637.421+/-3.459 χ^2/NDF : 45666.7/3

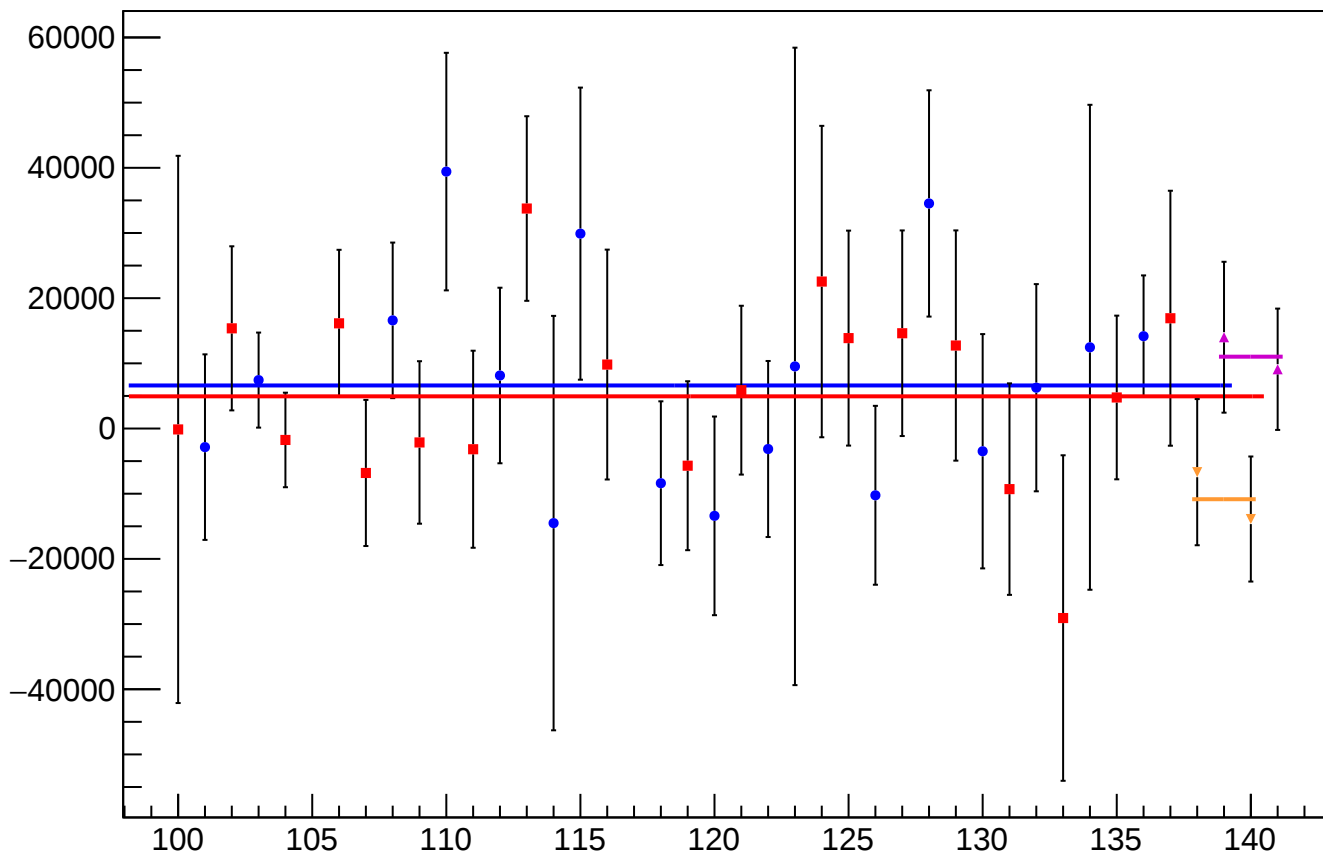
Right: 7651.290+/-1.522 χ^2/NDF : 2213838.0/35

In: 8195.625+/-2.066 χ^2/NDF : 875741.8/18

Out: 7490.372+/-1.888 χ^2/NDF : 1388313.8/20

All: 7811.282+/-1.393 χ^2/NDF : 2327580.9/39

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -10846.177+/-7289.992 χ^2/NDF : 0.2/1

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: 144.041+/-5141.753 χ^2/NDF : 4.9/3

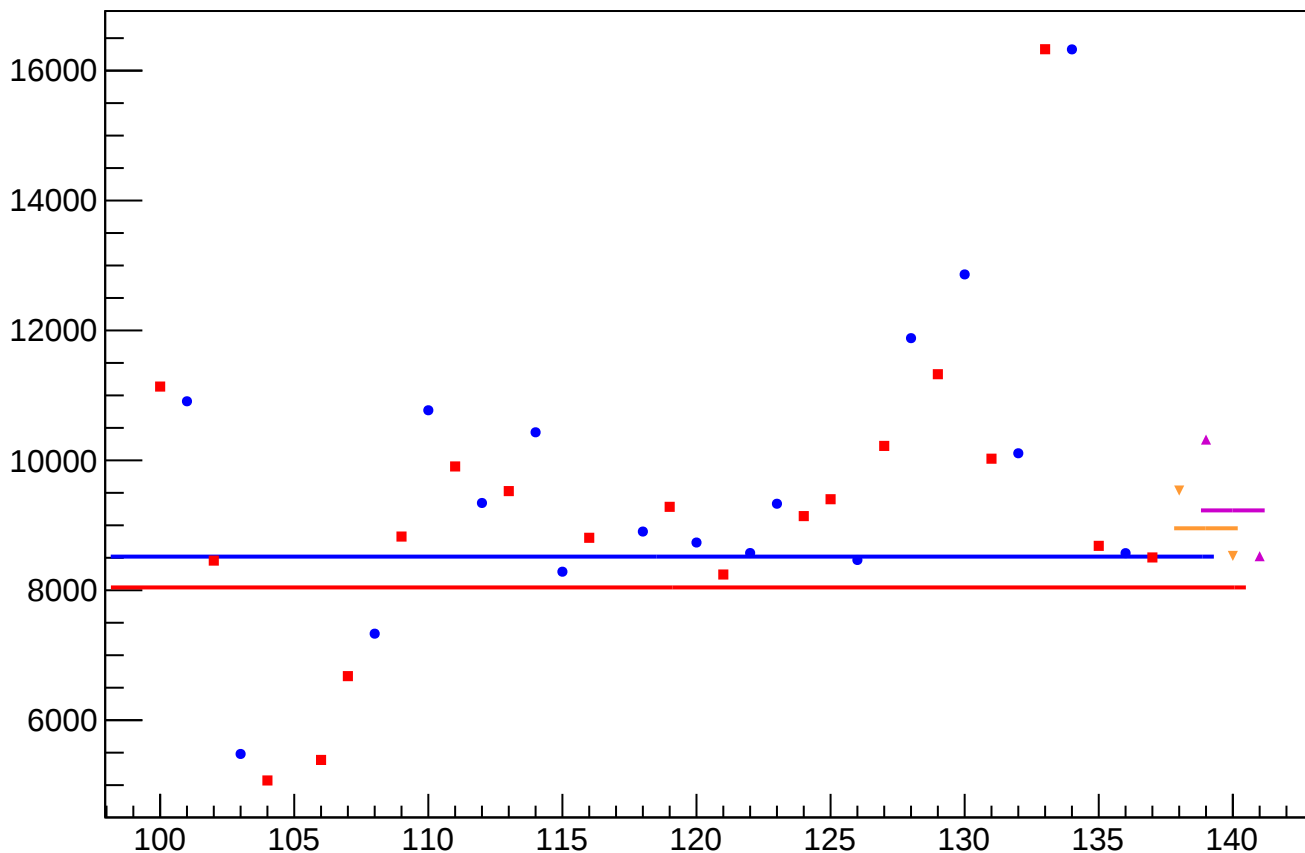
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 7401.344+/-3075.483 χ^2/NDF : 15.1/18

Out: 2431.539+/-2905.357 χ^2/NDF : 17.7/20

All: 4775.189+/-2111.981 χ^2/NDF : 34.2/39

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 8954.171 $\pm$ 5.155 χ^2/NDF : 9303.3/1

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: 9092.634 $\pm$ 3.636 χ^2/NDF : 39967.8/3

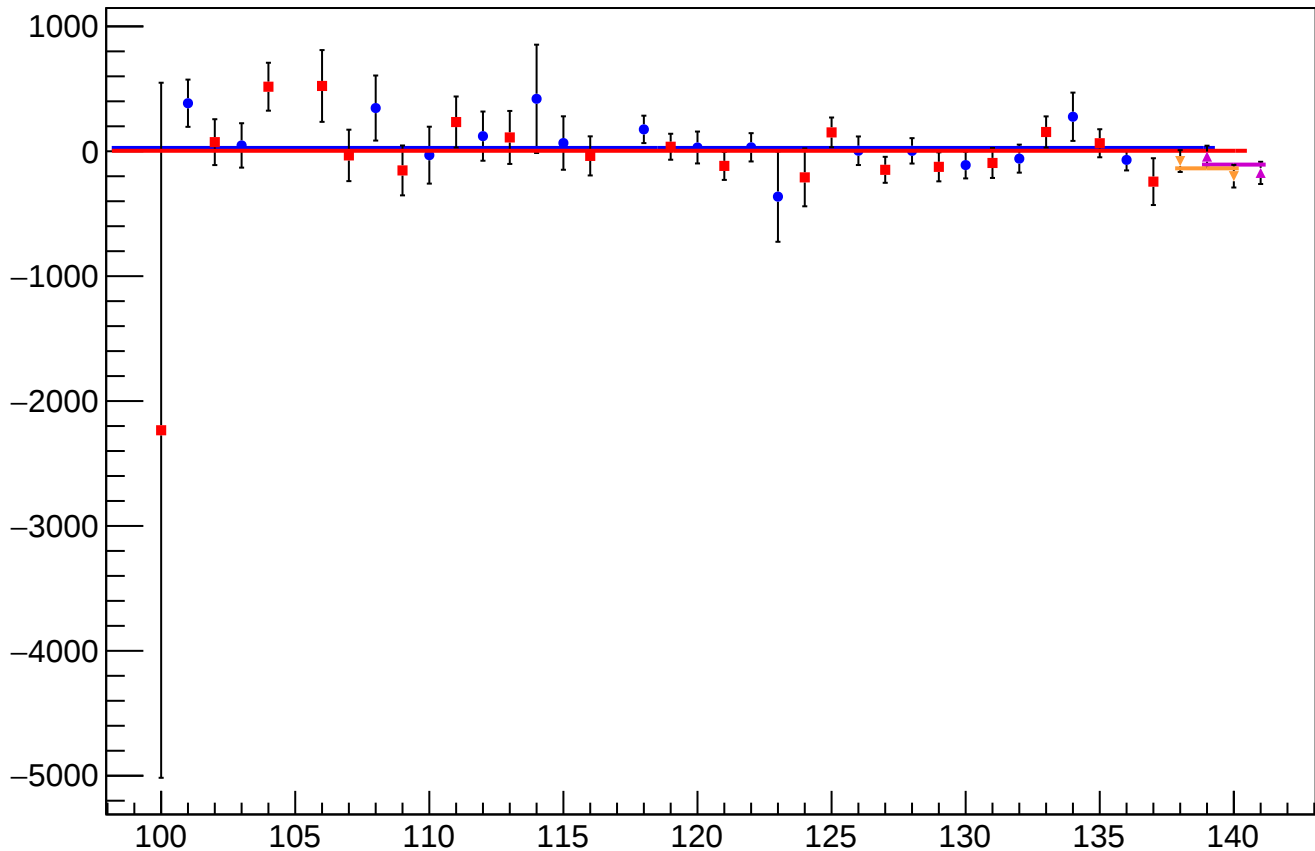
Right: 8264.537 $\pm$ 1.638 χ^2/NDF : 1746449.5/35

In: 8646.181 $\pm$ 2.175 χ^2/NDF : 817005.6/18

Out: 8188.351 $\pm$ 2.054 χ^2/NDF : 989115.0/20

All: 8404.246 $\pm$ 1.493 χ^2/NDF : 1829541.6/39

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16

Left Out: -136.593 $\pm$ 62.941 χ^2/NDF : 0.9/1

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: -121.525 $\pm$ 44.287 χ^2/NDF : 2.1/3

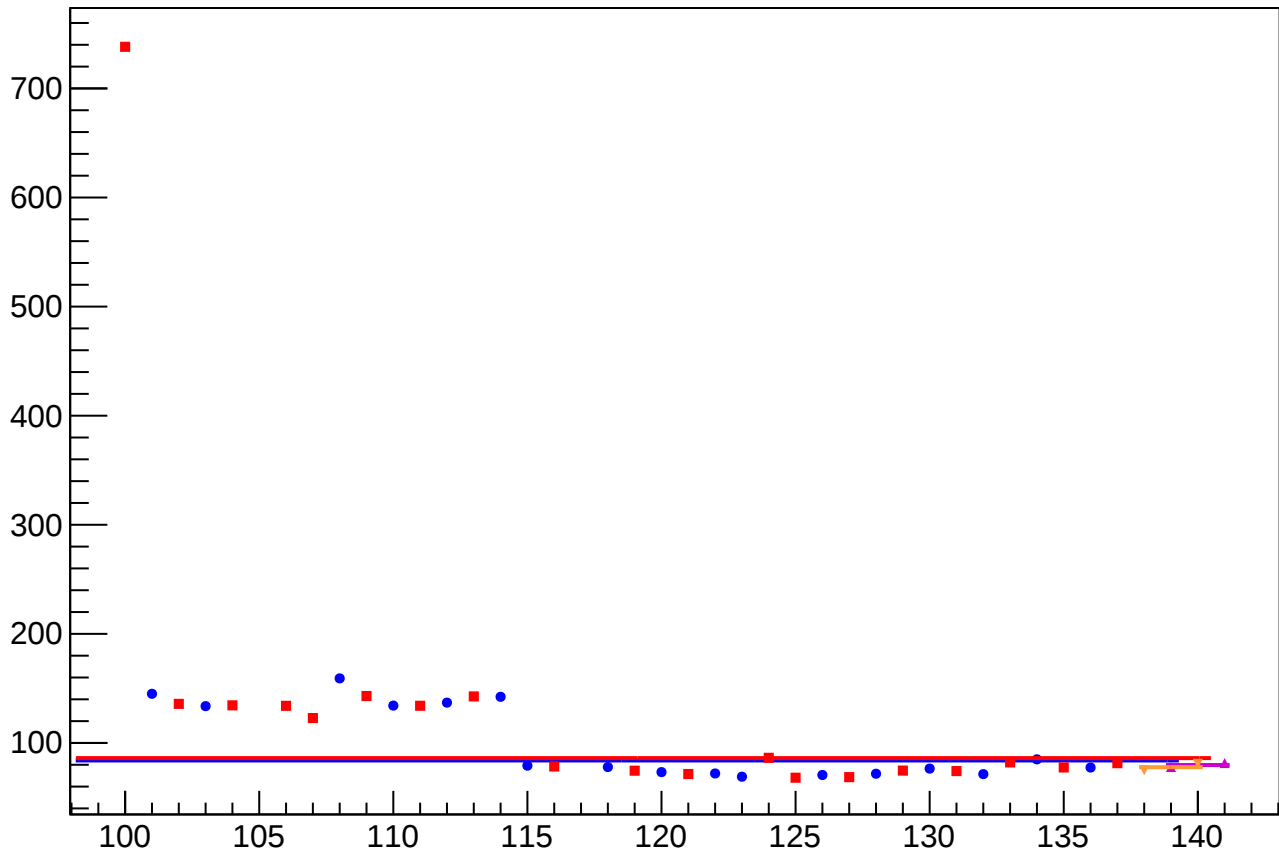
Right: 15.432 $\pm$ 23.852 χ^2/NDF : 39.3/35

In: -3.378 $\pm$ 29.594 χ^2/NDF : 19.2/18

Out: -27.521 $\pm$ 29.805 χ^2/NDF : 29.4/20

All: -15.363 $\pm$ 21.000 χ^2/NDF : 48.9/39

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 77.770+/-0.045 χ^2/NDF : 4504.6/1

Right Out: 86.109+/-0.024 χ^2/NDF : 1136227.7/18

Left In: 79.762+/-0.044 χ^2/NDF : 1675.9/1

Left: 78.776+/-0.031 χ^2/NDF : 7191.4/3

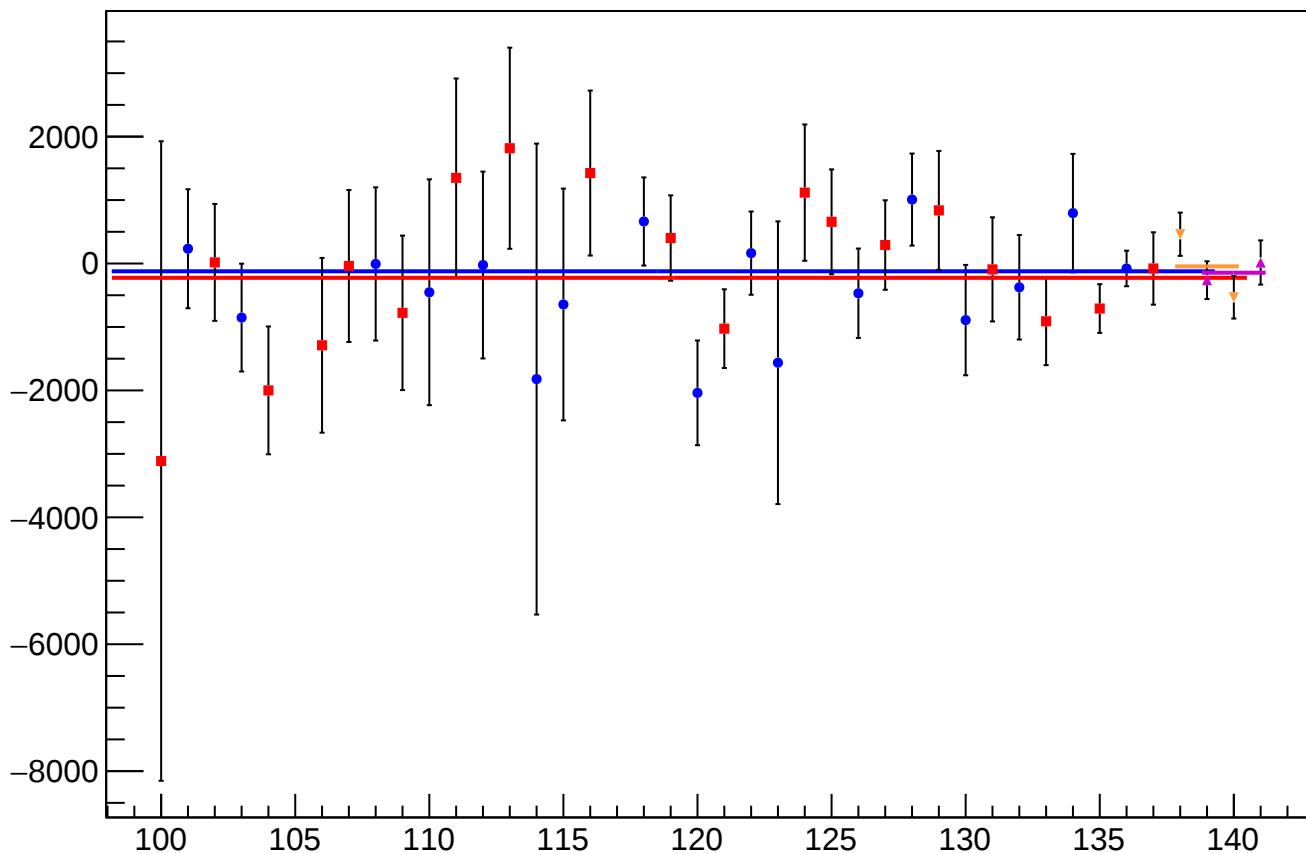
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 83.014+/-0.021 χ^2/NDF : 968960.9/18

Out: 84.239+/-0.021 χ^2/NDF : 1167961.8/20

All: 83.622+/-0.015 χ^2/NDF : 2138623.6/39

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: -45.155 ± 238.826 χ^2/NDF : 4.3/1

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: -97.737 ± 164.250 χ^2/NDF : 4.8/3

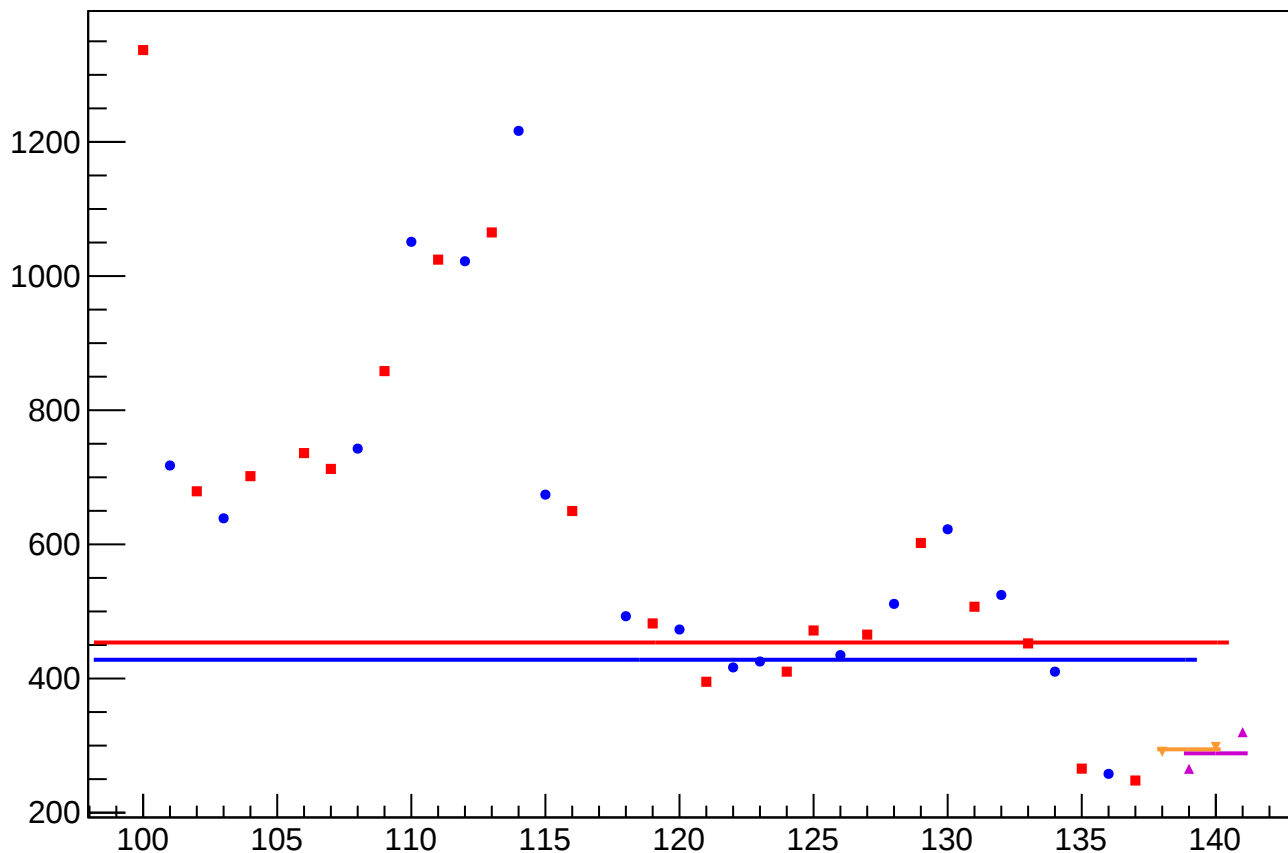
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

In: -131.114 ± 140.662 χ^2/NDF : 13.4/18

Out: -157.830 ± 146.240 χ^2/NDF : 23.0/20

All: -143.953 ± 101.378 χ^2/NDF : 36.5/39

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2/NDF : 2062245.9/16

Left Out: 294.435 $\pm$ 0.169 χ^2/NDF :450.3/1

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: 291.295 $\pm$ 0.116 χ^2/NDF : 29512.2/3

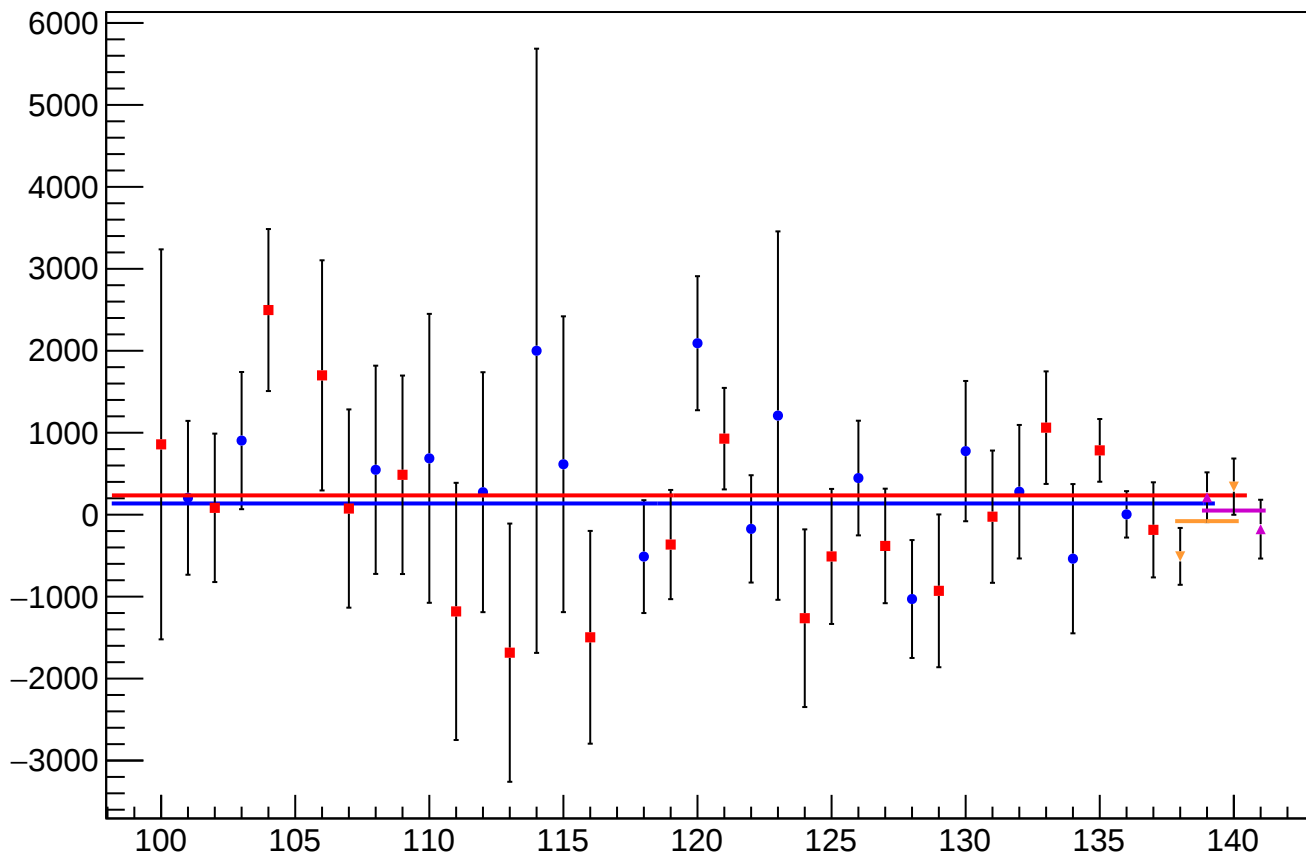
Right: 440.462 $\pm$ 0.091 χ^2/NDF : 4216688.0/35

In: 374.063 $\pm$ 0.099 χ^2/NDF :2557147.8/18

Out: 393.983 $\pm$ 0.103 χ^2/NDF :2690927.1/20

All: 383.636 $\pm$ 0.072 χ^2/NDF : 5267350.2/39

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -78.830 $\pm$ 244.011 χ^2 /NDF: 3.0/1

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: -10.829 $\pm$ 168.007 χ^2 /NDF: 3.9/3

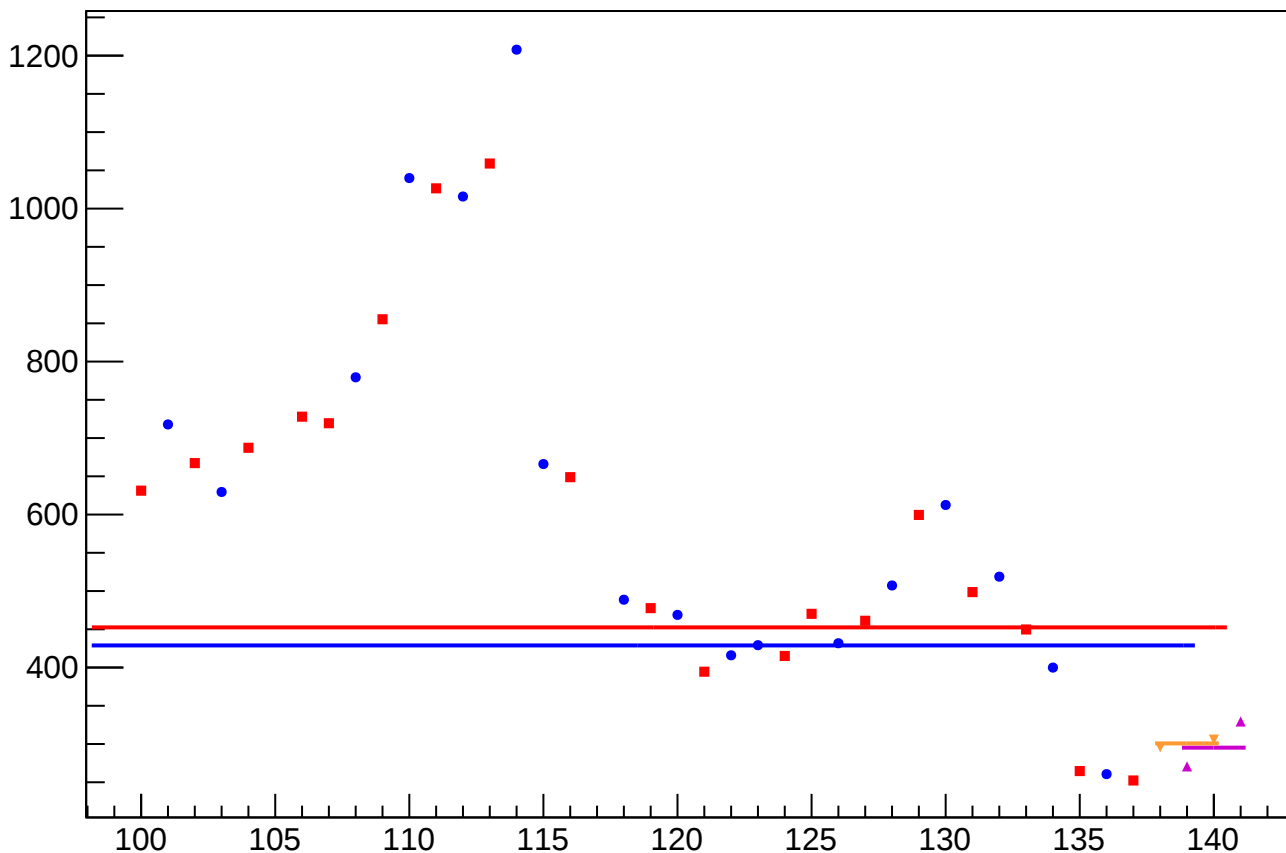
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 104.394 $\pm$ 141.945 χ^2 /NDF: 13.4/18

Out: 121.431 $\pm$ 146.926 χ^2 /NDF: 25.9/20

All: 112.619 $\pm$ 102.086 χ^2 /NDF: 39.3/39

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 300.802 $\pm$ 0.173 χ^2 /NDF:832.4/1

Right Out: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 295.241 $\pm$ 0.164 χ^2 /NDF:31202.5/1

Left: 297.877 $\pm$ 0.119 χ^2 /NDF: 32581.2/3

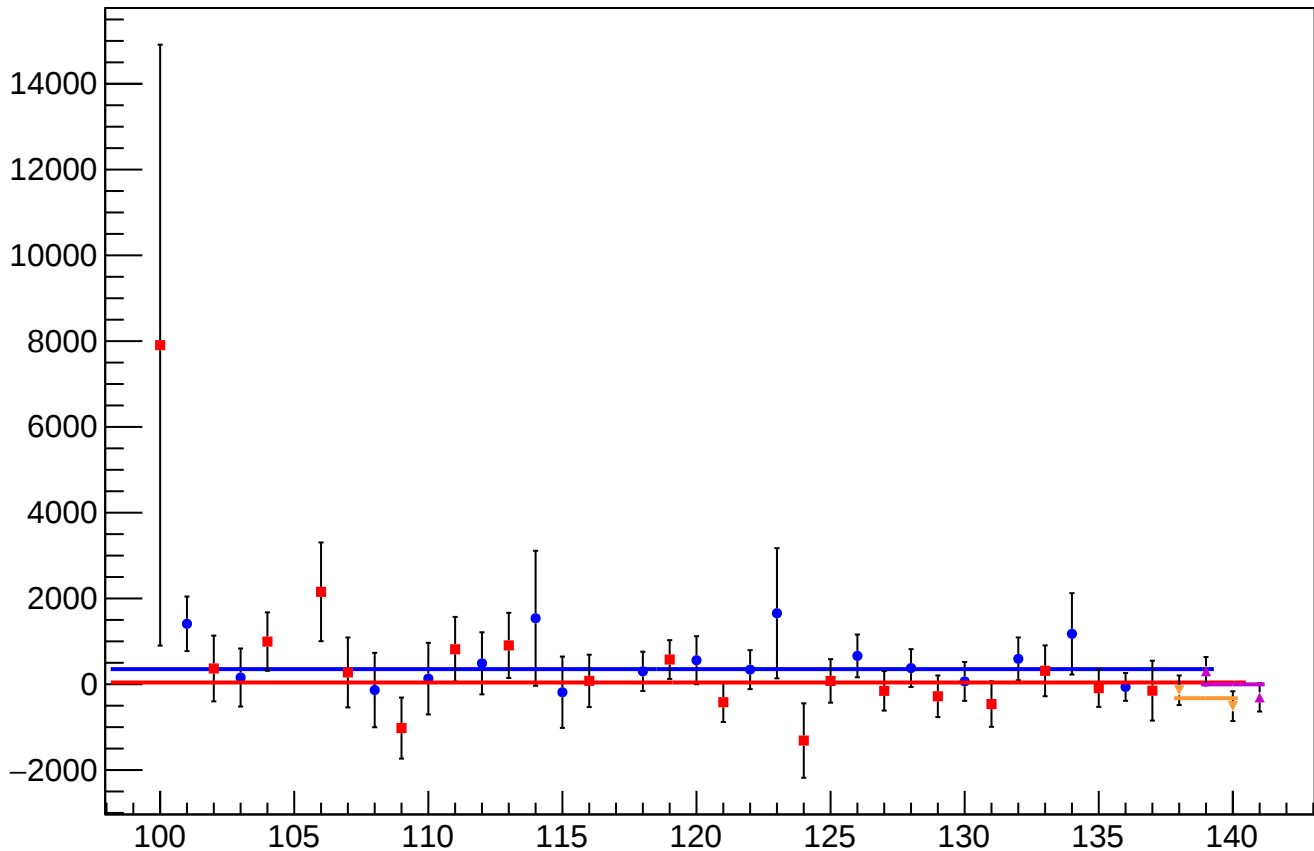
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 378.715 $\pm$ 0.100 χ^2 /NDF:2457535.0/18

Out: 397.492 $\pm$ 0.104 χ^2 /NDF:2535579.5/20

All: 387.780 $\pm$ 0.072 χ^2 /NDF: 5010010.5/39

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -324.822 ± 244.838 χ^2/NDF : 0.6/1

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: -155.989 ± 168.999 χ^2/NDF : 3.2/3

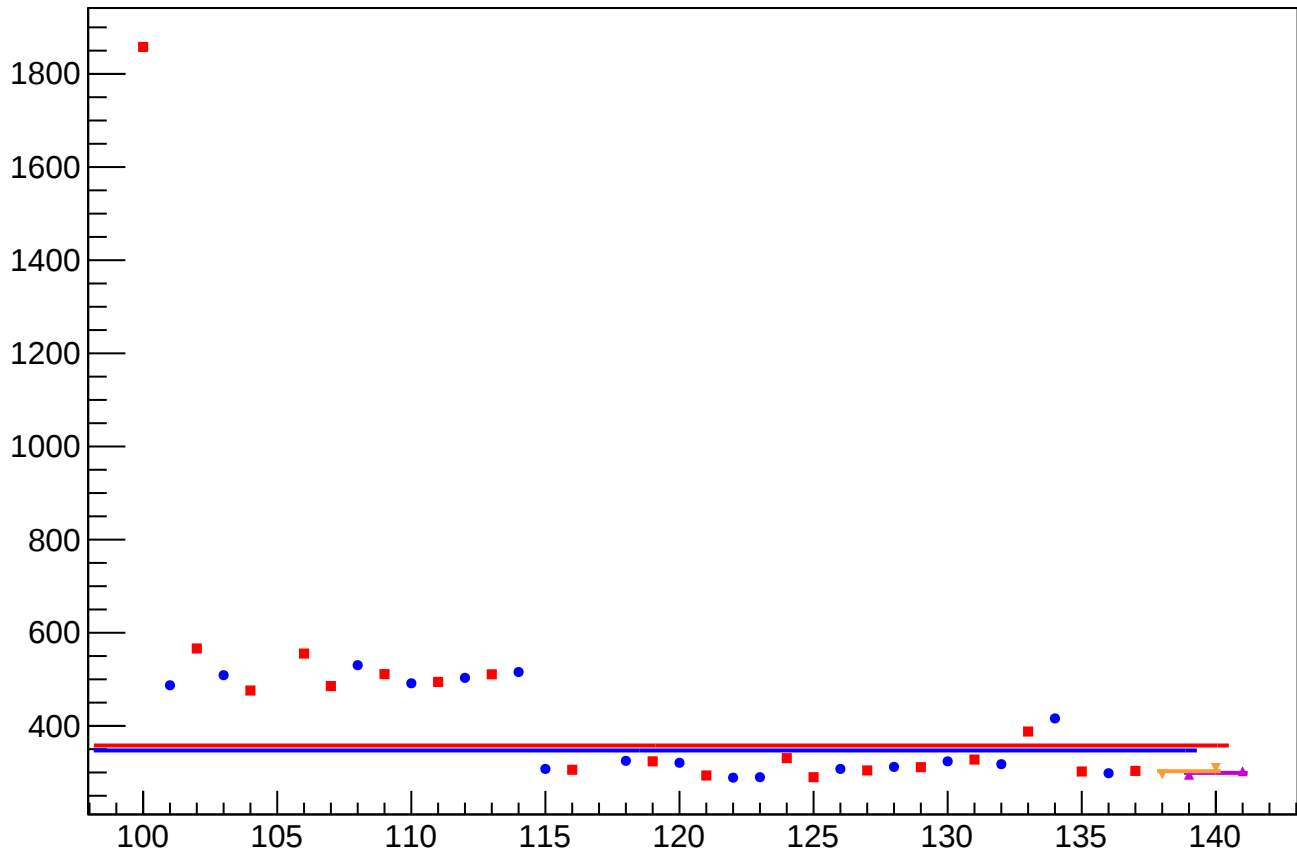
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: 261.687 ± 118.362 χ^2/NDF : 12.0/18

Out: -48.104 ± 120.876 χ^2/NDF : 20.4/20

All: 110.046 ± 84.569 χ^2/NDF : 35.8/39

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.733+/-0.173 χ^2/NDF :1545.0/1

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: 300.841+/-0.120 χ^2/NDF : 2278.4/3

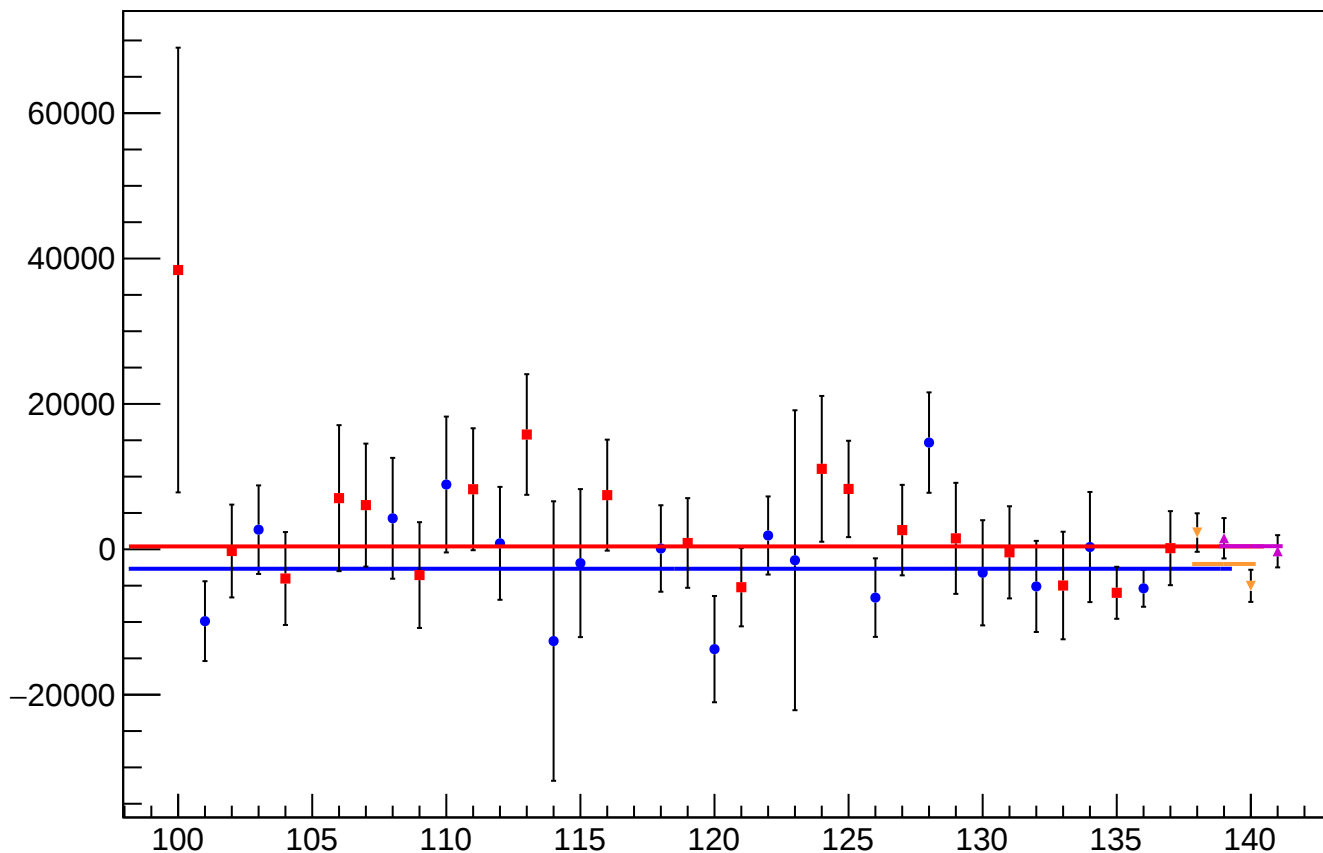
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 334.911+/-0.084 χ^2/NDF :682609.6/18

Out: 344.496+/-0.085 χ^2/NDF :930134.4/20

All: 339.603+/-0.060 χ^2/NDF : 1619163.1/39

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -2015.542 $\pm$ 1696.556 χ^2 /NDF: 4.5/1

Right Out: 398.443 $\pm$ 1515.968 χ^2 /NDF: 15.9/18

Left In: 430.242 $\pm$ 1731.757 χ^2 /NDF: 0.3/1

Left: -817.760 $\pm$ 1211.900 χ^2 /NDF: 5.8/3

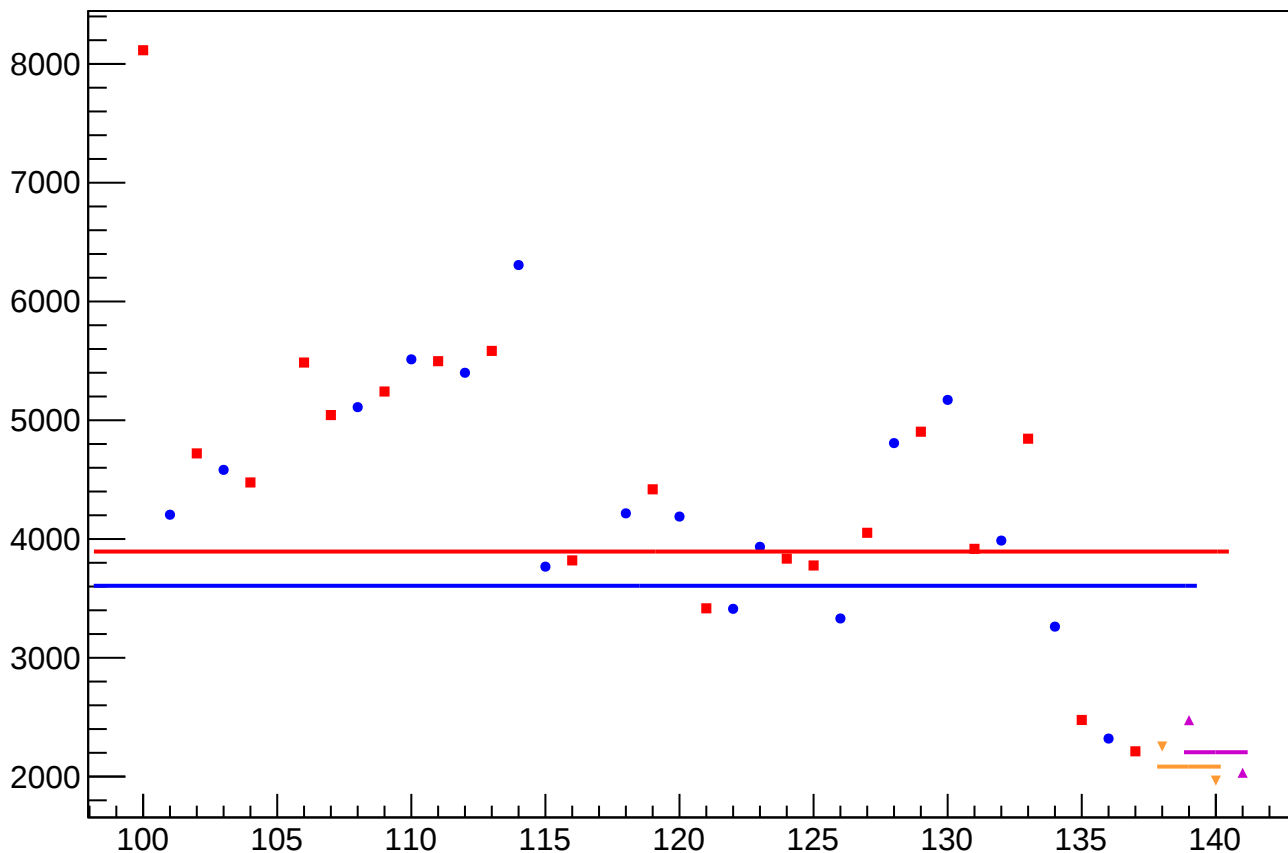
Right: -1199.564 $\pm$ 1050.178 χ^2 /NDF: 34.8/35

In: -1388.237 $\pm$ 1114.531 χ^2 /NDF: 18.9/18

Out: -673.278 $\pm$ 1130.425 χ^2 /NDF: 21.6/20

All: -1035.819 $\pm$ 793.652 χ^2 /NDF: 40.6/39

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2083.803+/-1.200 χ^2/NDF :13862.7/1

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: 2143.130+/-0.857 χ^2/NDF : 49976.8/3

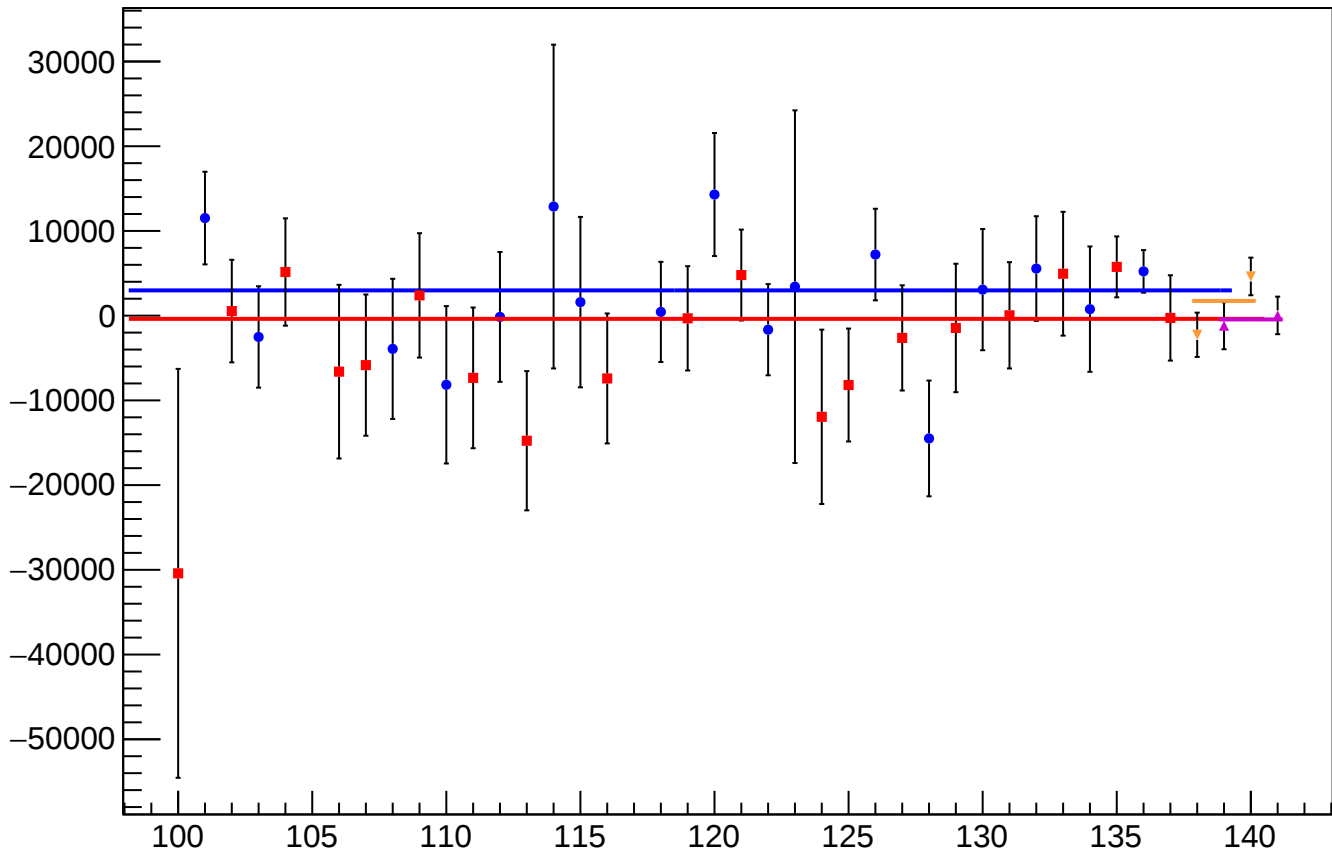
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 3025.893+/-0.788 χ^2/NDF :1890889.6/18

Out: 3090.670+/-0.799 χ^2/NDF :2313493.6/20

All: 3057.823+/-0.561 χ^2/NDF : 4207713.3/39

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1741.023 $\pm$ 1691.870 χ^2 /NDF:4.0/1

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: 673.183 $\pm$ 1209.942 χ^2 /NDF: 5.0/3

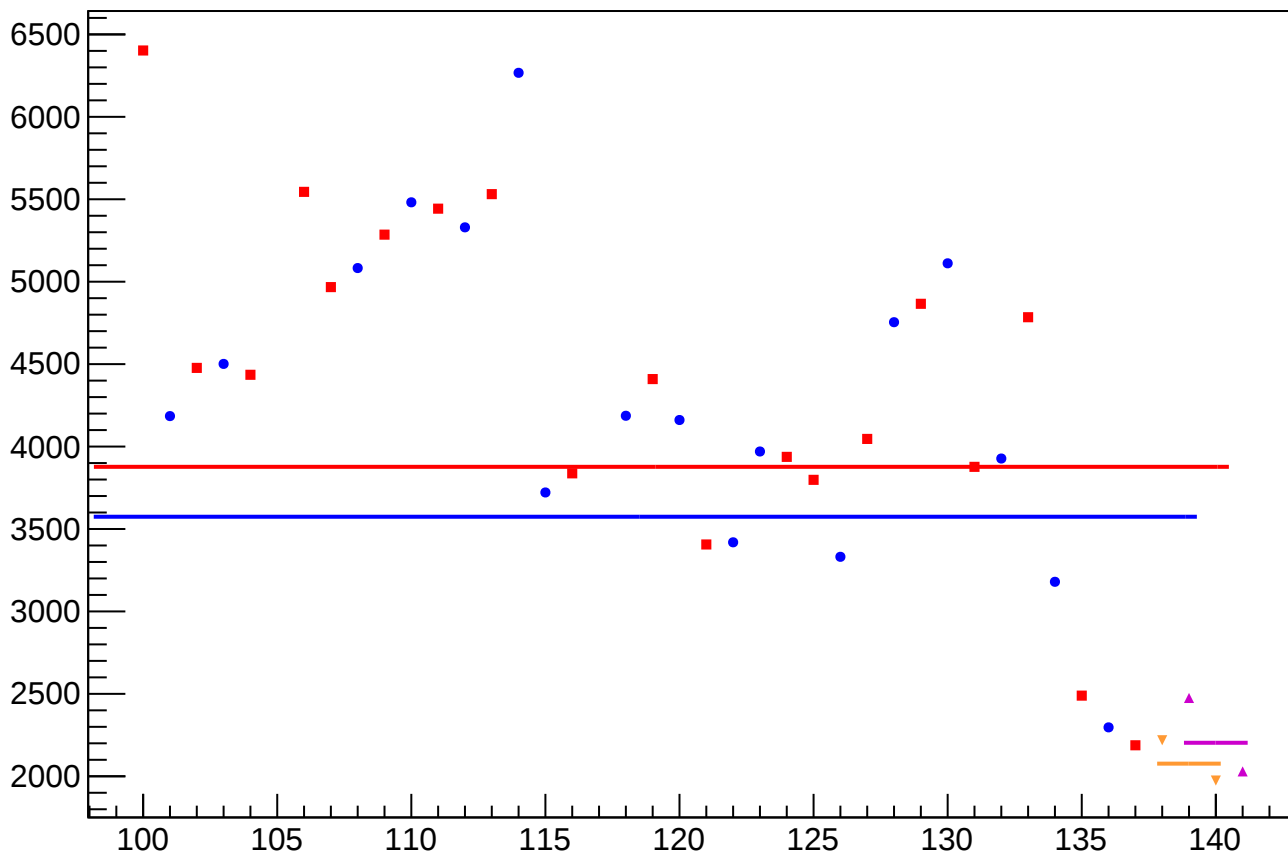
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1577.312 $\pm$ 1108.680 χ^2 /NDF:19.9/18

Out: 560.077 $\pm$ 1125.481 χ^2 /NDF:20.0/20

All: 1076.344 $\pm$ 789.828 χ^2 /NDF: 40.2/39

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2076.699 $\pm$ 1.196 χ^2 /NDF: 10159.4/1

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: 2138.537 $\pm$ 0.856 χ^2 /NDF: 47134.5/3

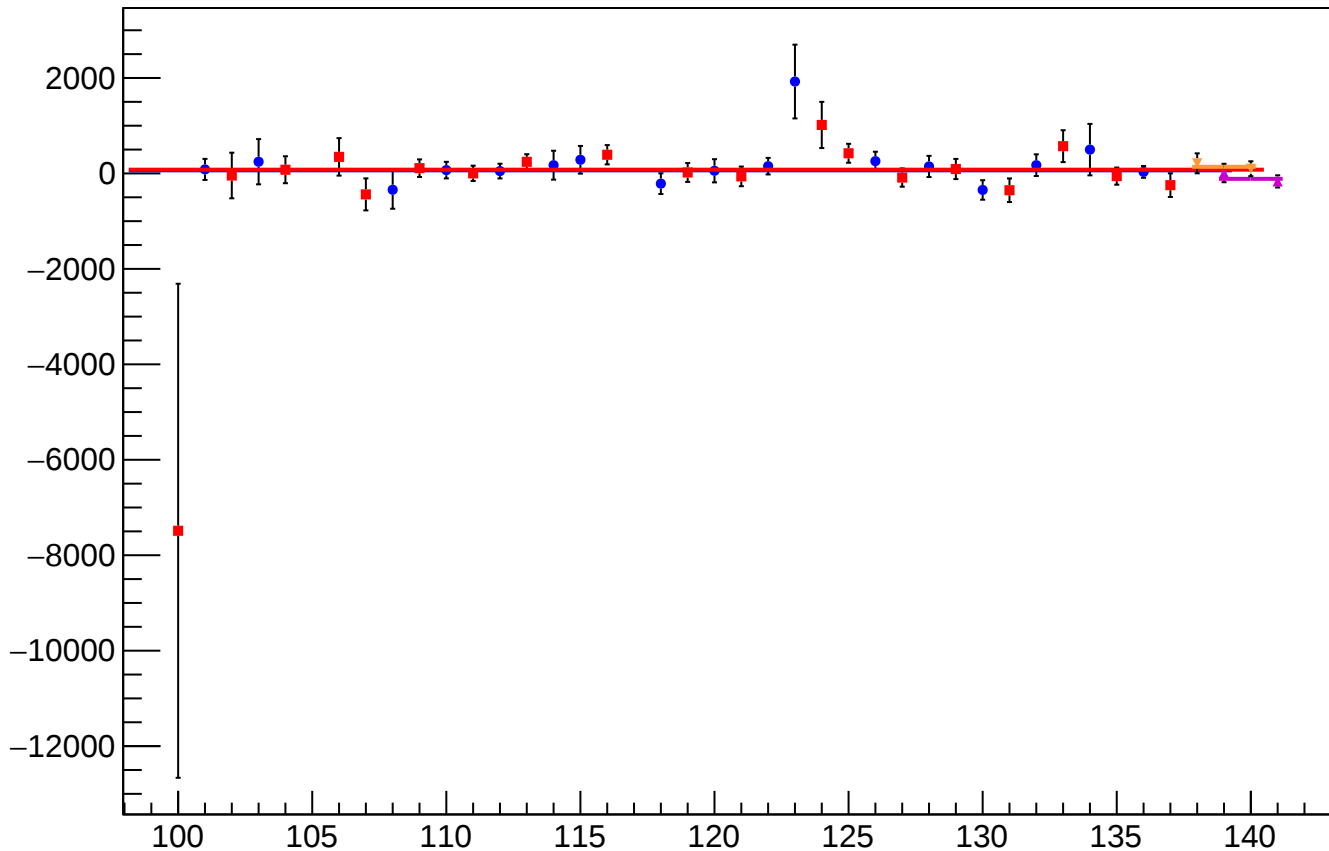
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 3011.933 $\pm$ 0.784 χ^2 /NDF: 1862892.7/18

Out: 3080.383 $\pm$ 0.796 χ^2 /NDF: 2262891.0/20

All: 3045.643 $\pm$ 0.558 χ^2 /NDF: 4129538.2/39

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 139.051+/-125.134 χ^2/NDF : 0.2/1

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: -7.342+/-81.108 χ^2/NDF : 3.1/3

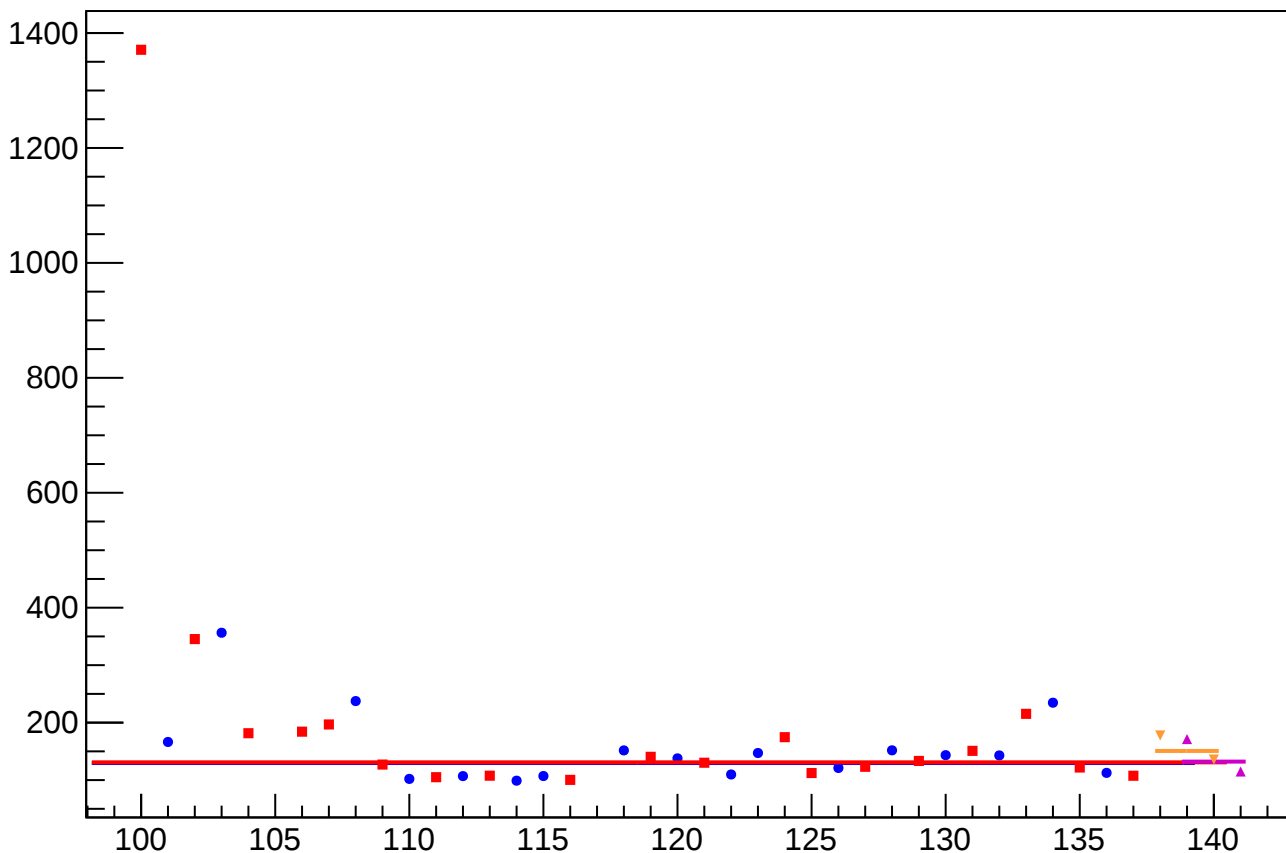
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 30.095+/-47.235 χ^2/NDF : 18.6/18

Out: 87.686+/-48.287 χ^2/NDF : 24.7/20

All: 58.256+/-33.766 χ^2/NDF : 44.0/39

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 150.714 $\pm$ 0.088 χ^2 /NDF: 51638.9/1

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: 139.950 $\pm$ 0.057 χ^2 /NDF: 196021.0/3

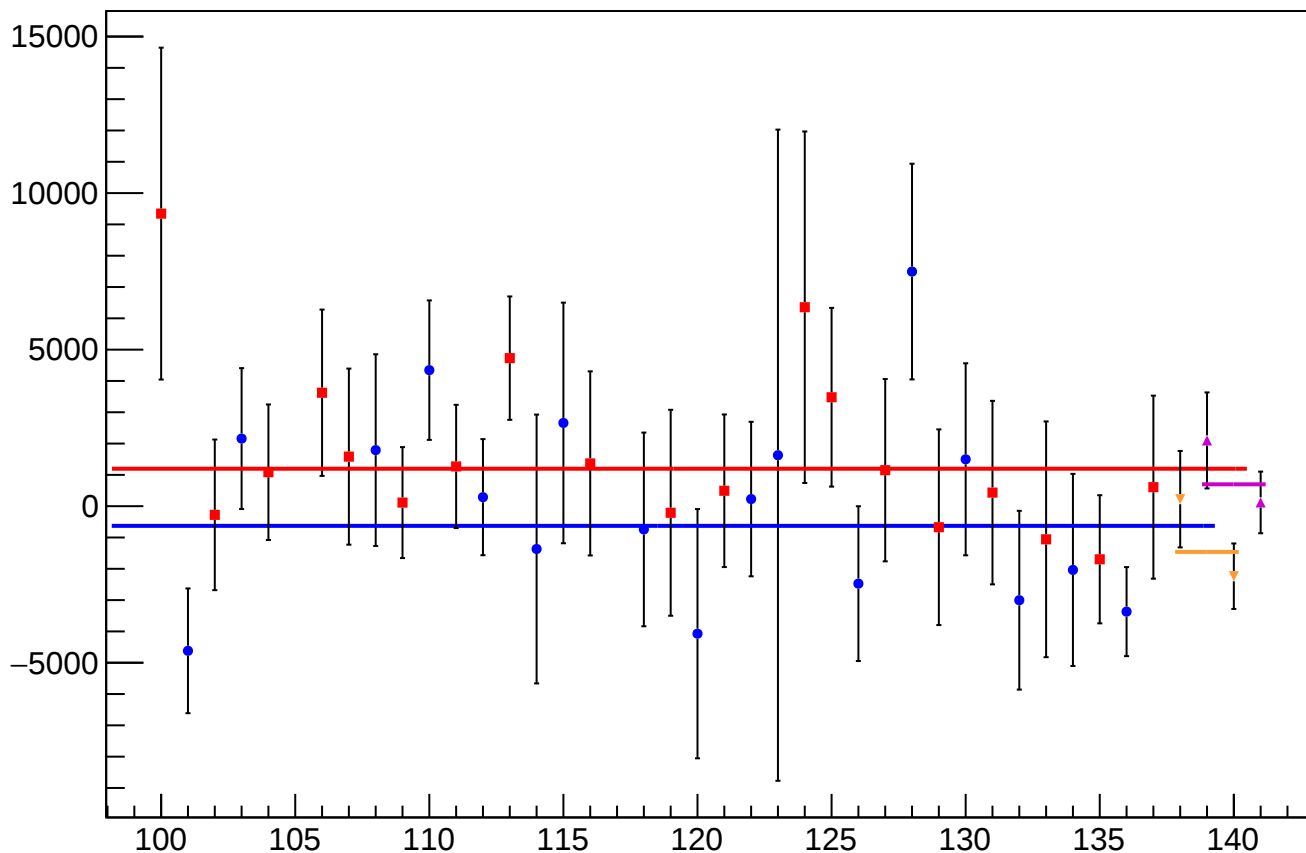
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 130.180 $\pm$ 0.033 χ^2 /NDF: 1109399.7/18

Out: 133.832 $\pm$ 0.034 χ^2 /NDF: 1136735.1/20

All: 131.965 $\pm$ 0.024 χ^2 /NDF: 2251981.7/39

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1460.660+/-865.201 χ^2/NDF : 1.7/1

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: -334.502+/-598.386 χ^2/NDF : 6.2/3

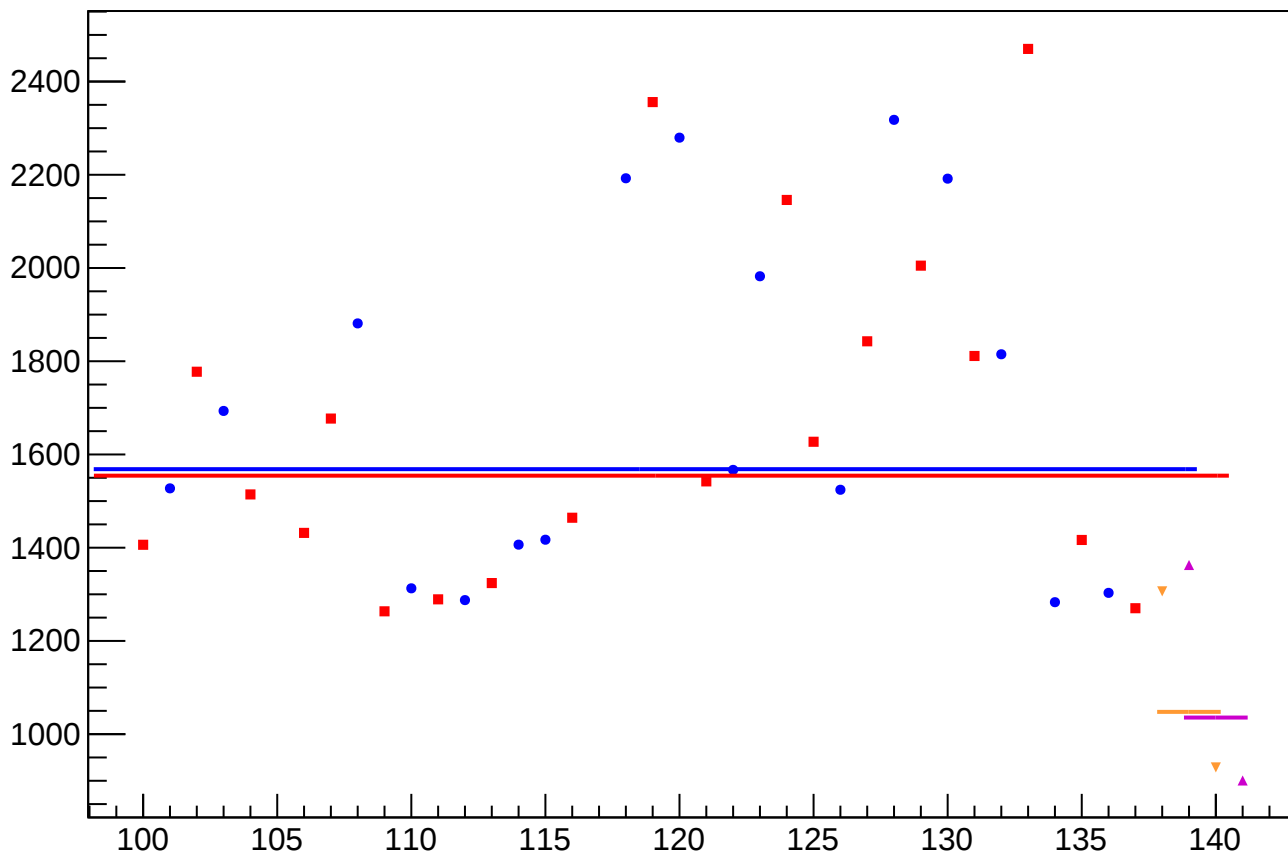
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -150.594+/-497.154 χ^2/NDF : 27.1/18

Out: 341.786+/-490.642 χ^2/NDF : 19.9/20

All: 98.842+/-349.216 χ^2/NDF : 47.5/39

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 1047.812+/-0.612 χ^2/NDF : 82303.7/1

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: 1041.449+/-0.423 χ^2/NDF : 211218.9/3

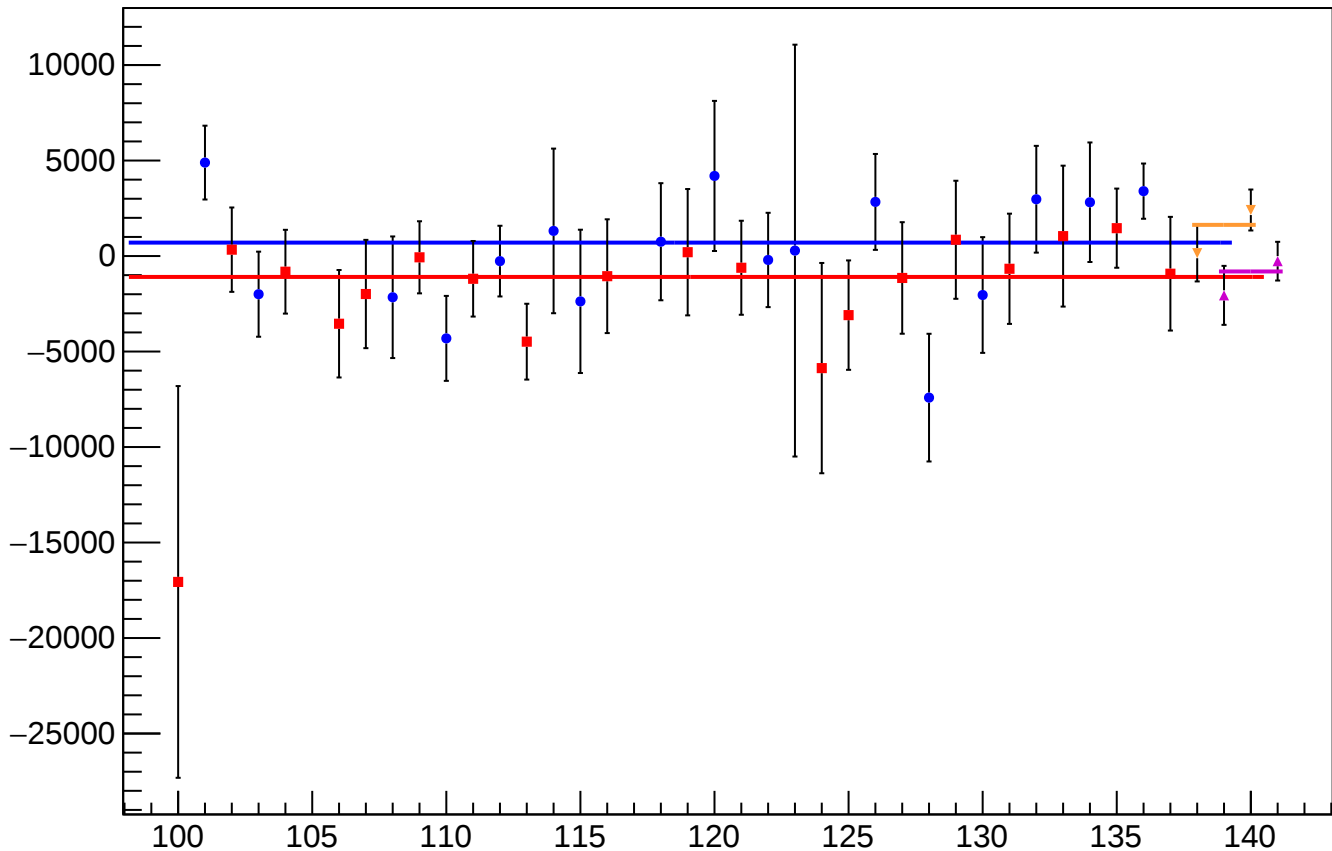
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1376.600+/-0.352 χ^2/NDF : 1192344.1/18

Out: 1391.575+/-0.347 χ^2/NDF : 1059733.6/20

All: 1384.186+/-0.247 χ^2/NDF : 2252997.0/39

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1632.356 $\pm$ 868.282 χ^2 /NDF:1.5/1

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -807.834 $\pm$ 847.416 χ^2 /NDF:0.9/1

Left: 382.588 $\pm$ 606.457 χ^2 /NDF: 6.5/3

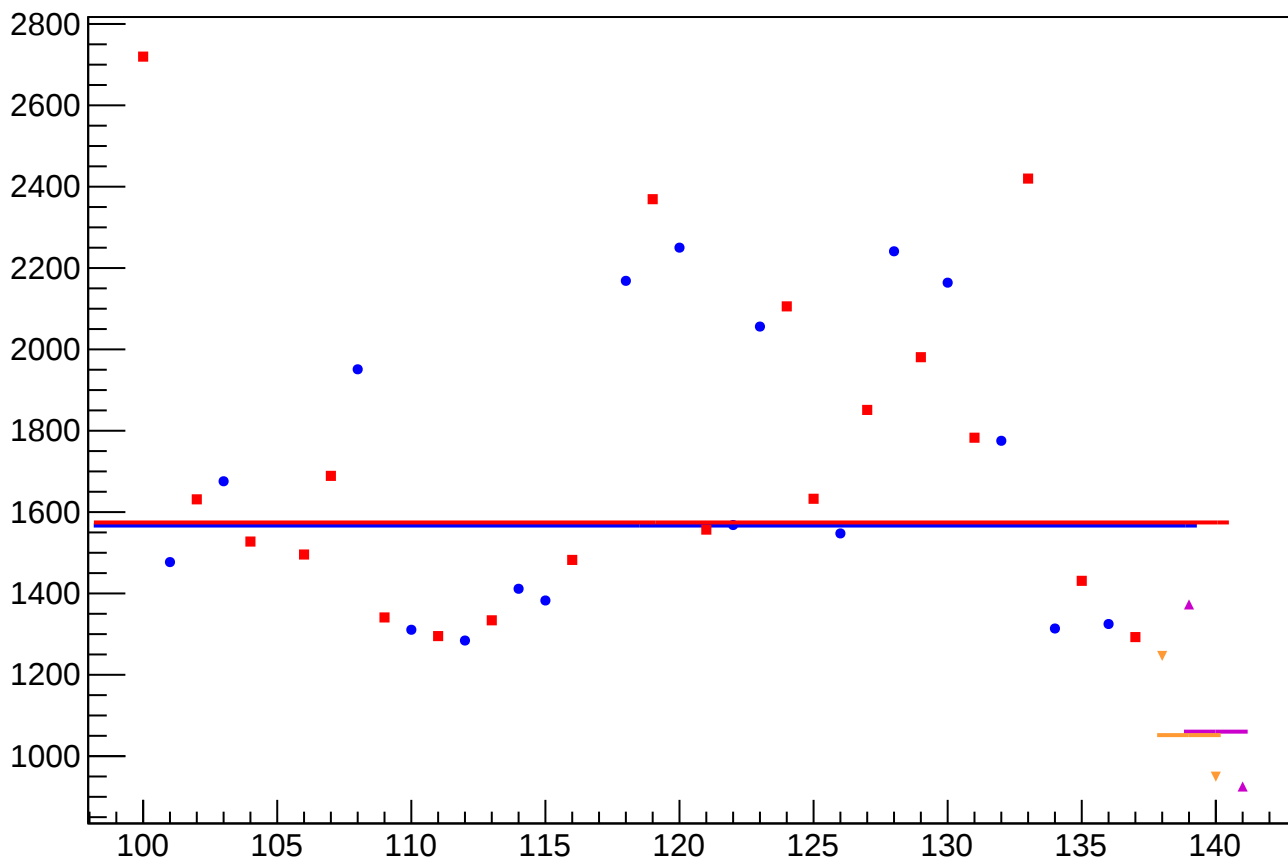
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 175.589 $\pm$ 500.701 χ^2 /NDF:29.0/18

Out: -206.426 $\pm$ 495.392 χ^2 /NDF:18.8/20

All: -17.455 $\pm$ 352.157 χ^2 /NDF: 48.1/39

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 1051.725 $\pm$ 0.614 χ^2 /NDF: 52776.5/1

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: 1056.087 $\pm$ 0.429 χ^2 /NDF: 170359.1/3

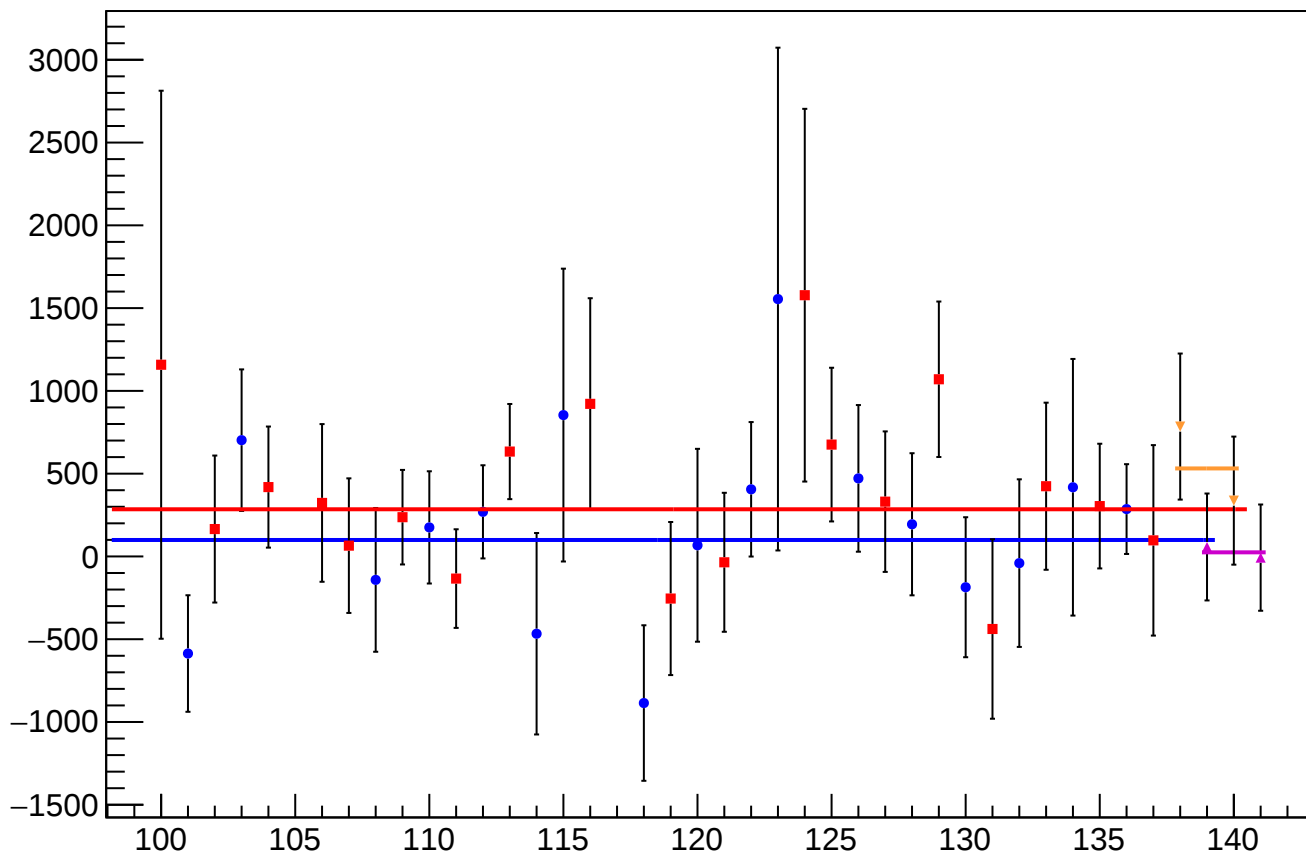
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1390.044 $\pm$ 0.354 χ^2 /NDF: 1082742.8/18

Out: 1404.344 $\pm$ 0.350 χ^2 /NDF: 1006109.8/20

All: 1397.270 $\pm$ 0.249 χ^2 /NDF: 2089676.9/39

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 531.561 $\pm$ 290.819 χ^2 /NDF:0.6/1

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: 217.294 $\pm$ 179.248 χ^2 /NDF: 2.5/3

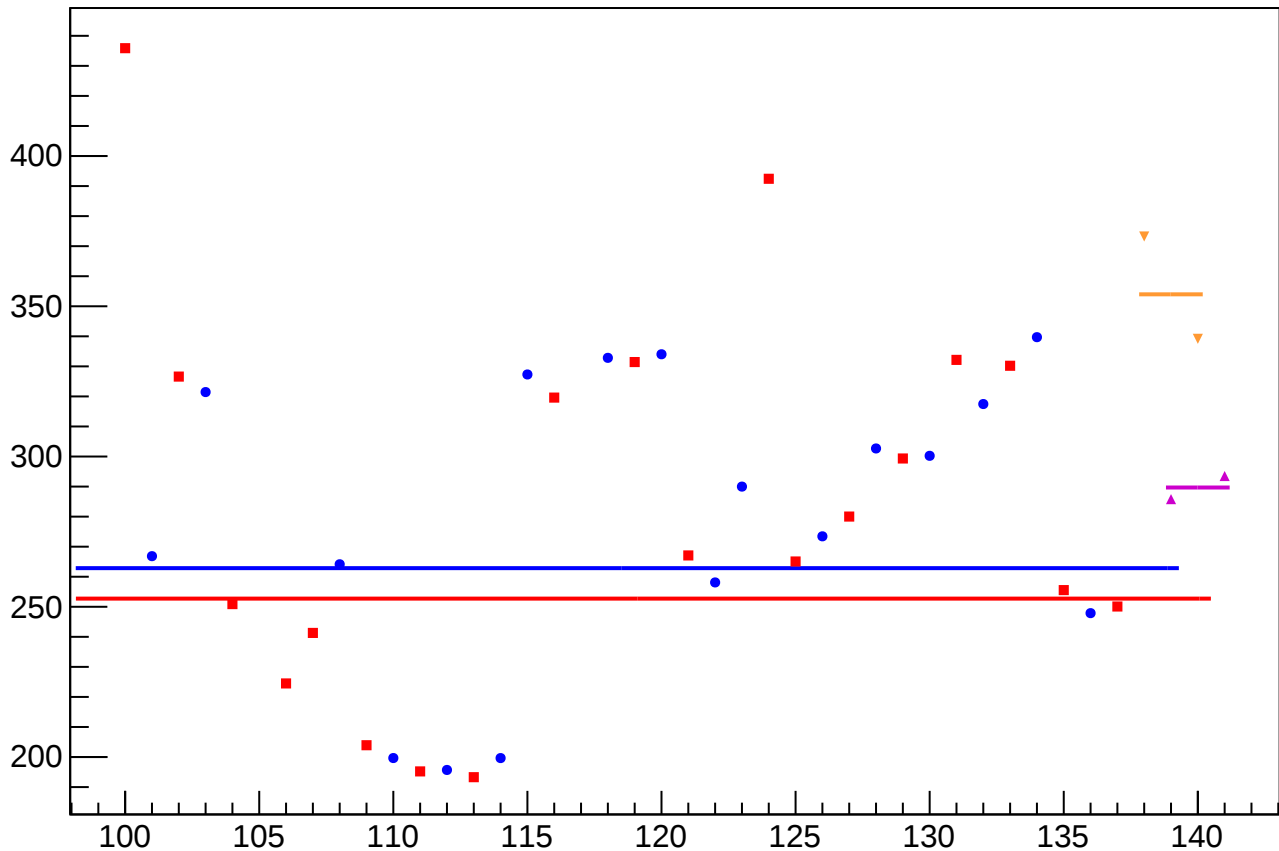
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 86.610 $\pm$ 94.190 χ^2 /NDF:16.0/18

Out: 309.904 $\pm$ 92.621 χ^2 /NDF:15.2/20

All: 200.132 $\pm$ 66.041 χ^2 /NDF: 34.1/39

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 353.974+/-0.206 χ^2/NDF : 6736.7/1

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: 314.111+/-0.127 χ^2/NDF : 67906.2/3

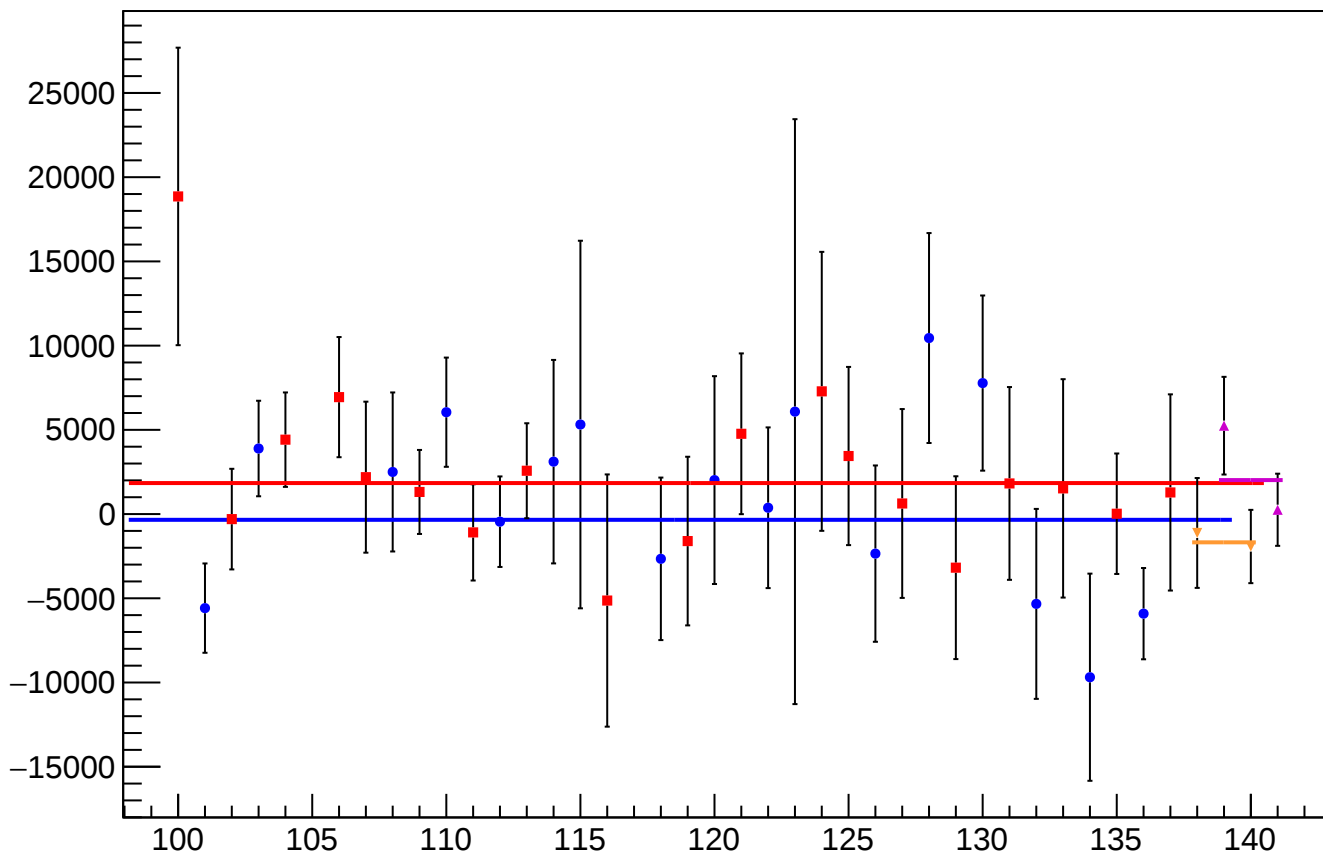
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 267.451+/-0.067 χ^2/NDF : 435303.7/18

Out: 262.990+/-0.065 χ^2/NDF : 764317.0/20

All: 265.183+/-0.047 χ^2/NDF : 1201901.2/39

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -1678.417 ± 1809.791 χ^2/NDF : 0.0/1

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: 260.517 ± 1247.829 χ^2/NDF : 4.1/3

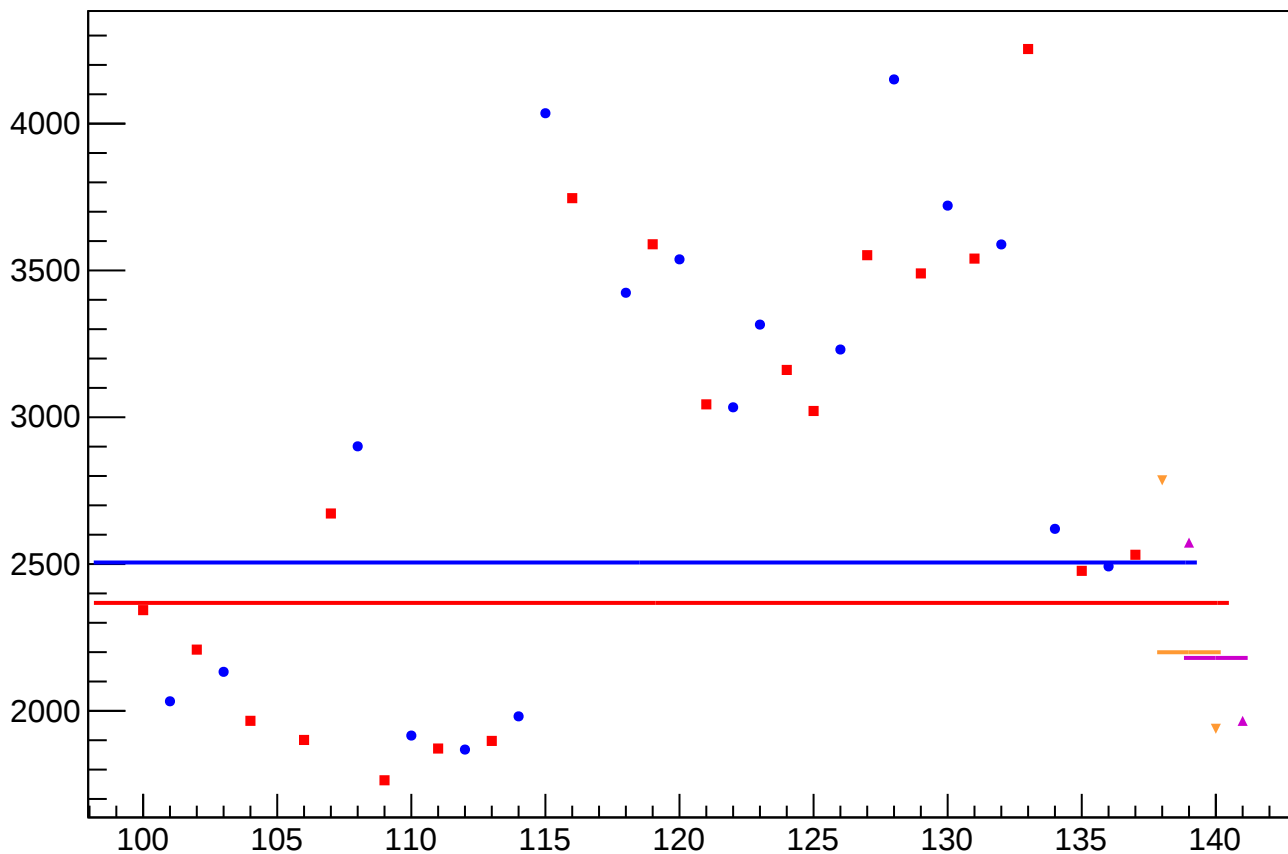
Right: 839.728 ± 680.387 χ^2/NDF : 38.7/35

In: 257.102 ± 867.857 χ^2/NDF : 27.7/18

Out: 1112.039 ± 823.474 χ^2/NDF : 14.7/20

All: 706.990 ± 597.358 χ^2/NDF : 43.0/39

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2199.642+/-1.280 χ^2/NDF : 93191.6/1

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: 2189.519+/-0.882 χ^2/NDF : 150034.2/3

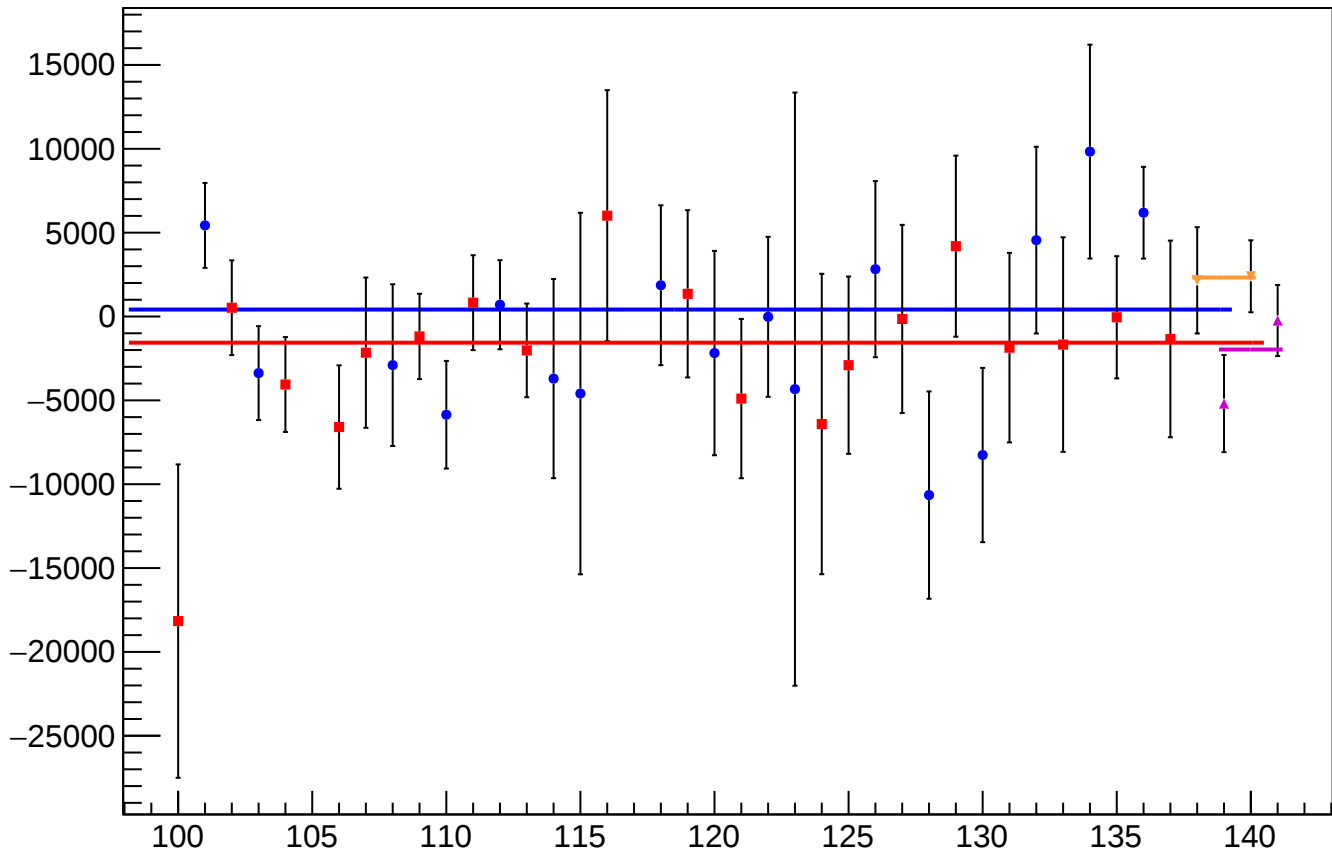
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2422.862+/-0.614 χ^2/NDF : 973964.8/18

Out: 2332.930+/-0.582 χ^2/NDF : 1137767.6/20

All: 2375.538+/-0.422 χ^2/NDF : 2123033.8/39

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2323.401 $\pm$ 1777.263 χ^2 /NDF:0.0/1

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: 95.000 $\pm$ 1232.226 χ^2 /NDF: 4.9/3

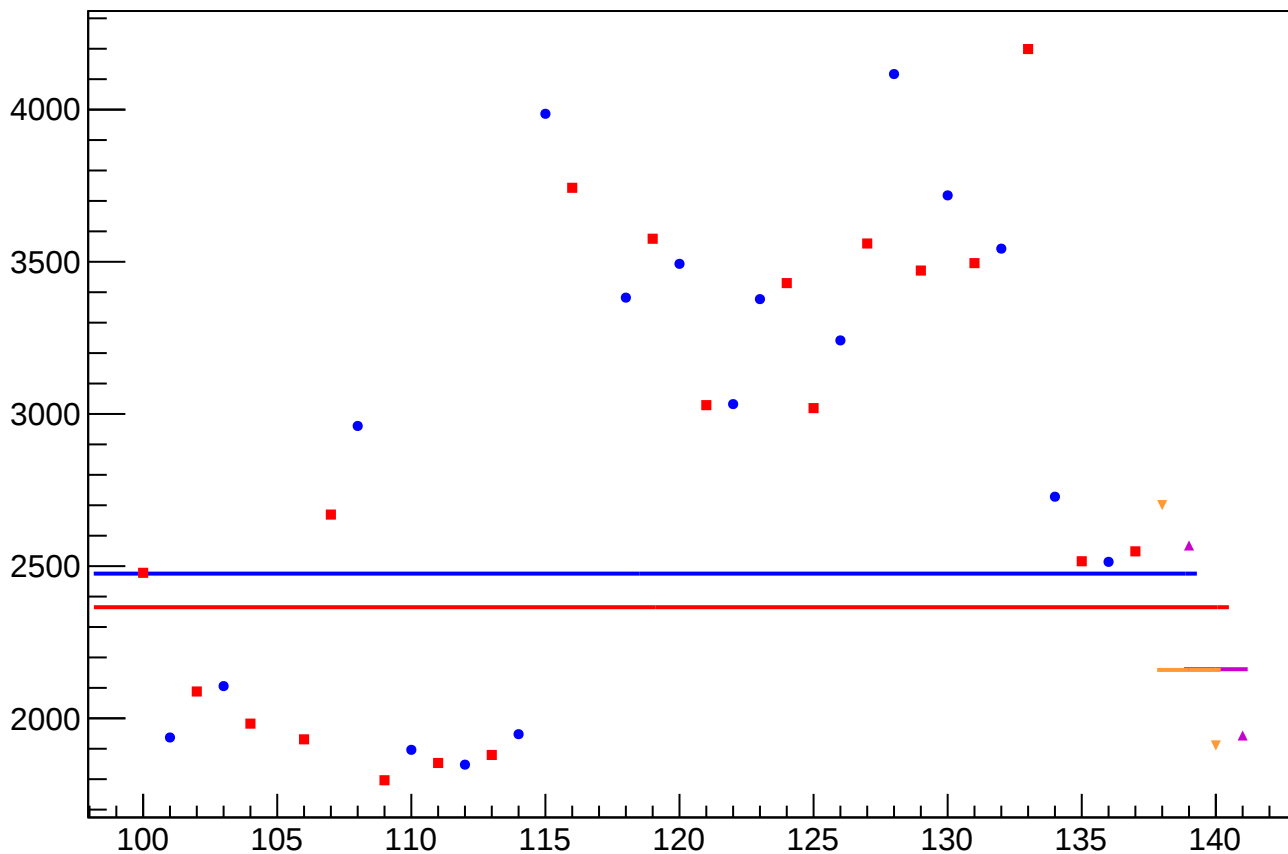
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: -187.234 $\pm$ 859.944 χ^2 /NDF:27.9/18

Out: -732.109 $\pm$ 820.128 χ^2 /NDF:14.5/20

All: -472.577 $\pm$ 593.495 χ^2 /NDF: 42.6/39

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2159.010+/-1.257 χ^2/NDF : 85061.2/1

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: 2160.233+/-0.871 χ^2/NDF : 145619.3/3

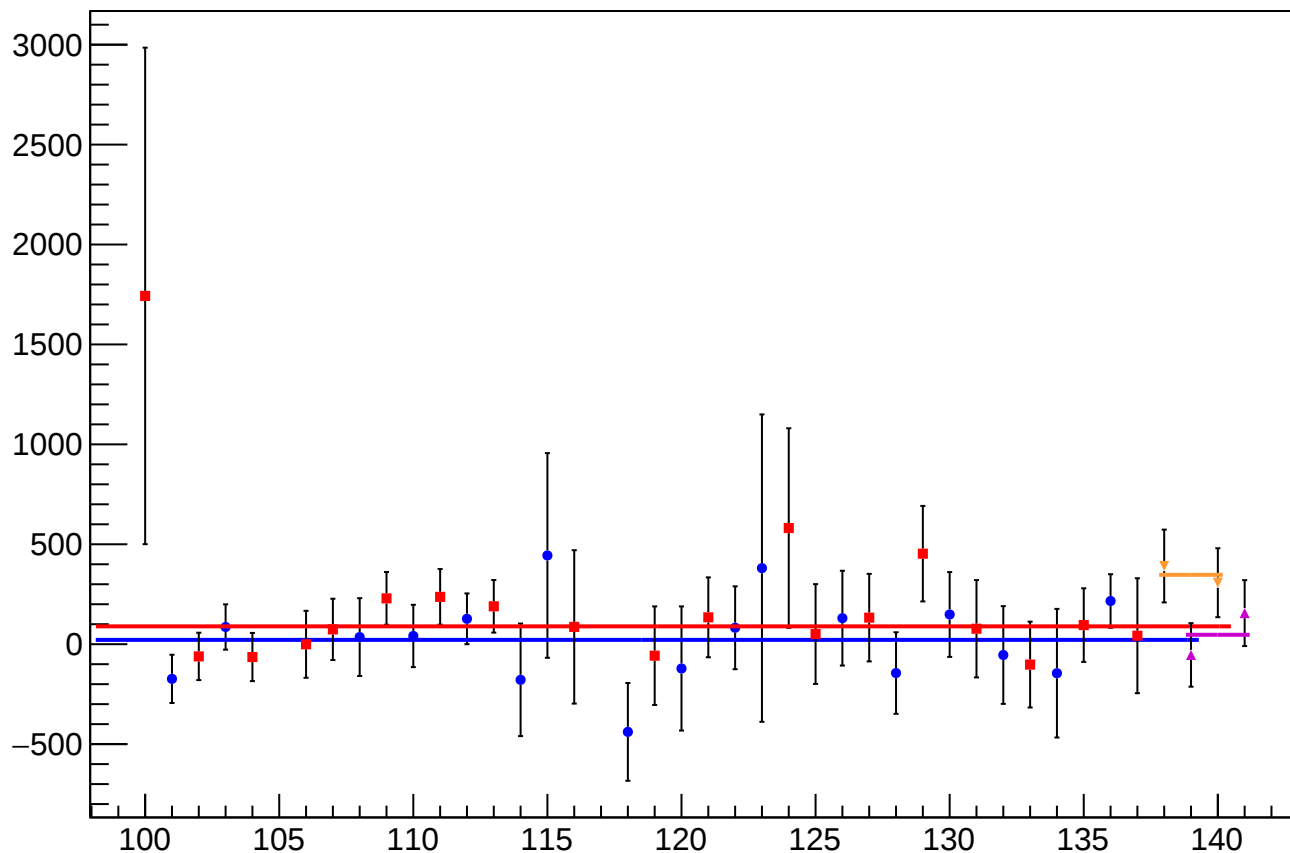
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2396.002+/-0.608 χ^2/NDF : 1024036.5/18

Out: 2321.156+/-0.580 χ^2/NDF : 1133383.7/20

All: 2356.806+/-0.420 χ^2/NDF : 2165354.2/39

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 347.158 $\pm$ 125.277 χ^2 /NDF:0.1/1

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: 183.621 $\pm$ 84.504 χ^2 /NDF: 4.1/3

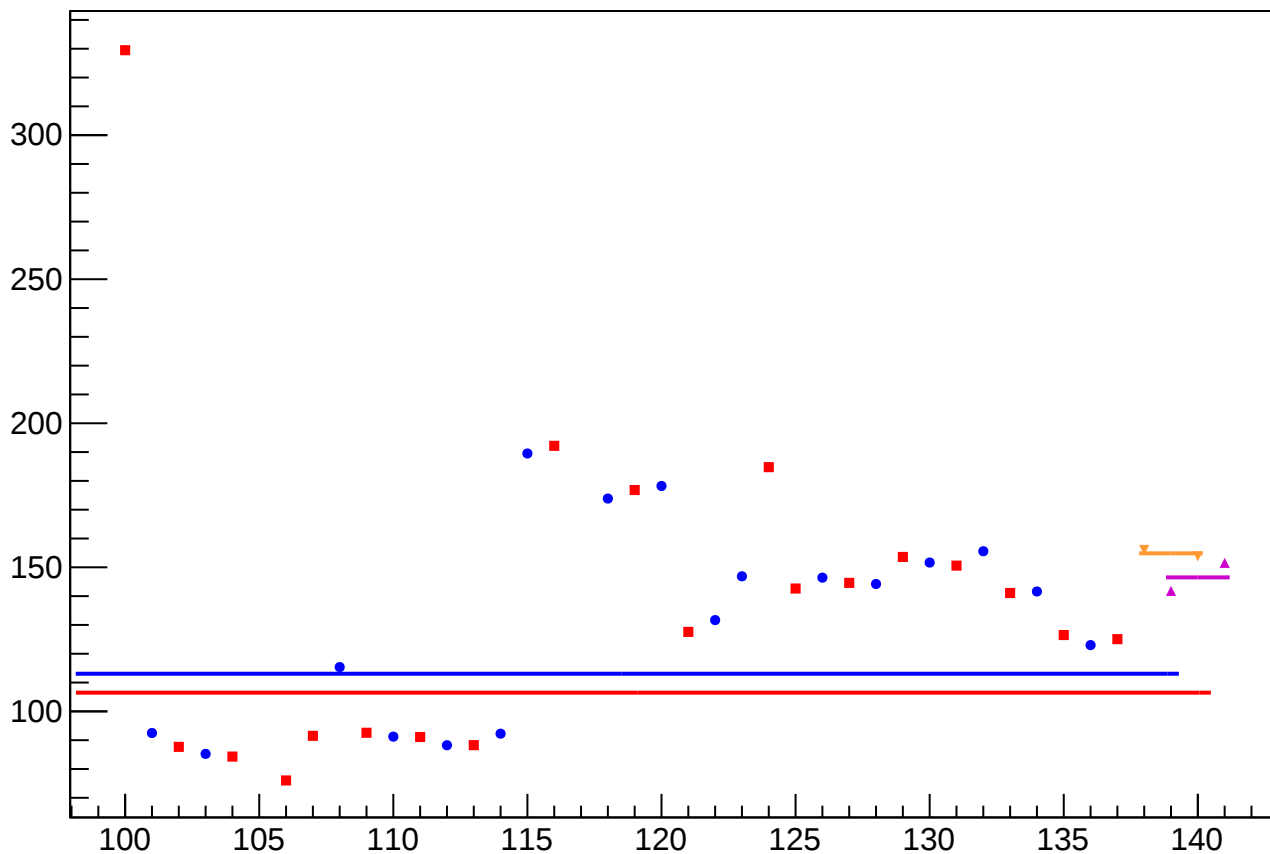
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 25.075 $\pm$ 42.006 χ^2 /NDF:13.5/18

Out: 115.146 $\pm$ 39.653 χ^2 /NDF:16.6/20

All: 72.704 $\pm$ 28.835 χ^2 /NDF: 32.5/39

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 154.852 $\pm$ 0.089 χ^2 /NDF:156.5/1

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: 150.303 $\pm$ 0.060 χ^2 /NDF: 8600.2/3

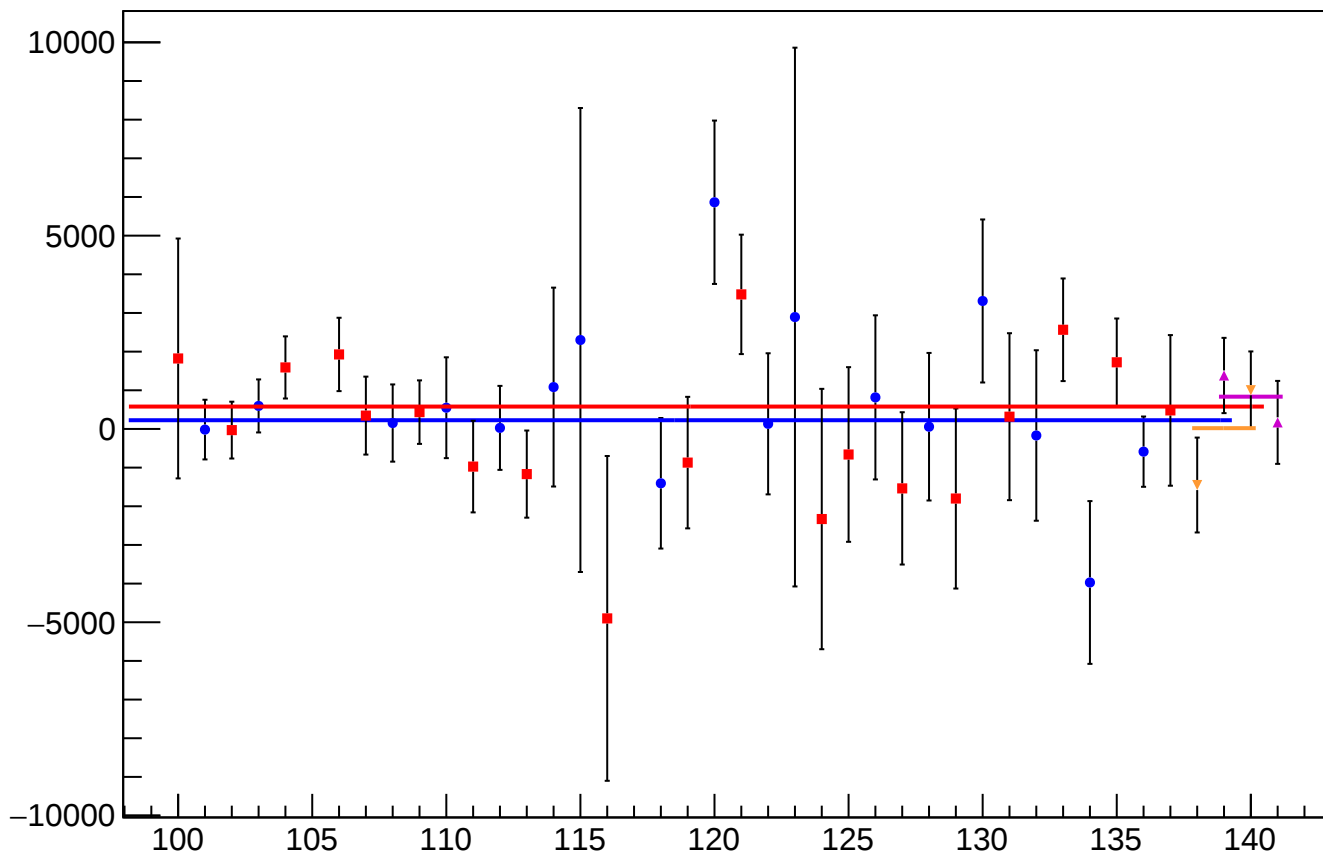
Right: 109.523 $\pm$ 0.022 χ^2 /NDF: 1859790.1/35

In: 117.563 $\pm$ 0.030 χ^2 /NDF:972160.6/18

Out: 111.338 $\pm$ 0.028 χ^2 /NDF:1284537.3/20

All: 114.271 $\pm$ 0.020 χ^2 /NDF: 2279923.9/39

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: 20.207 $\pm$ 776.495 χ^2 /NDF:2.4/1

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: 457.747 $\pm$ 528.357 χ^2 /NDF: 3.7/3

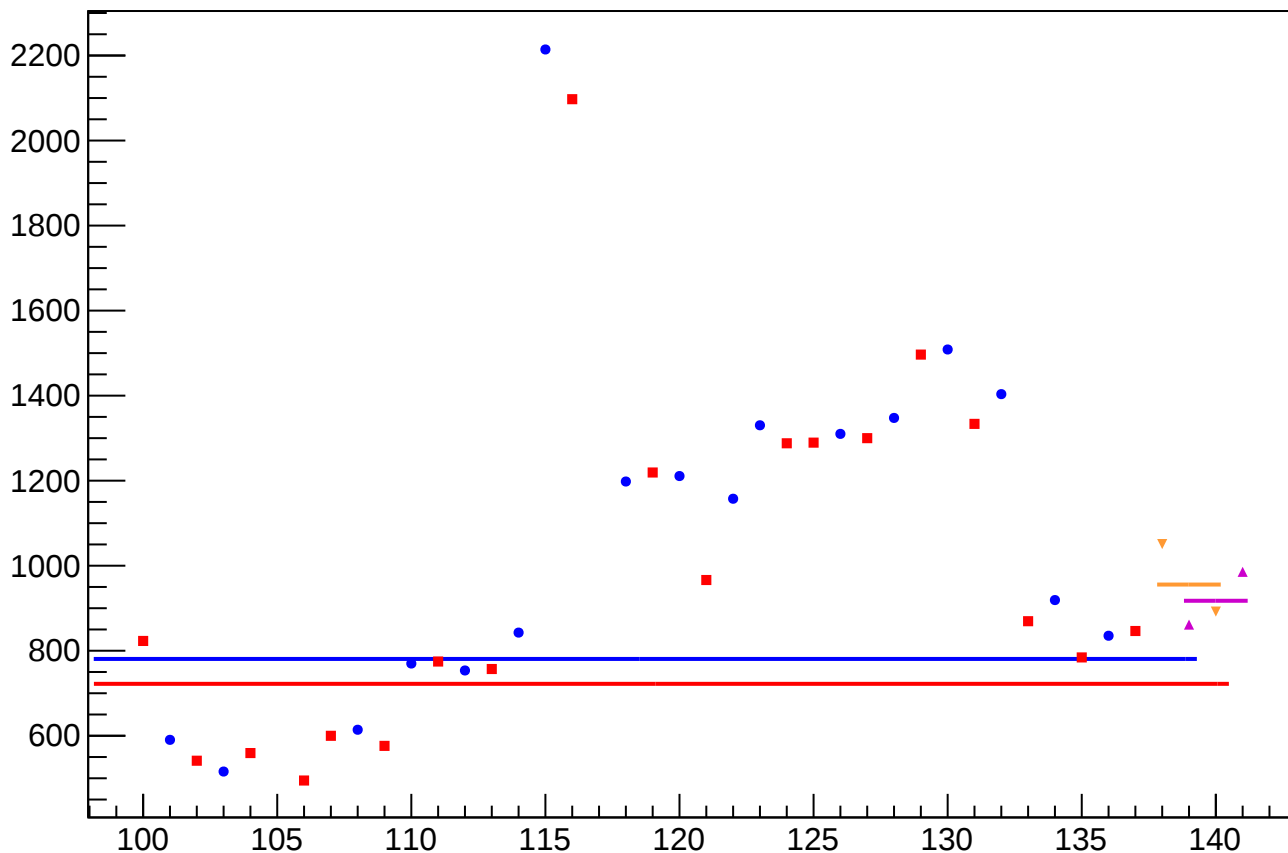
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 326.652 $\pm$ 293.564 χ^2 /NDF:17.3/18

Out: 510.931 $\pm$ 271.042 χ^2 /NDF:24.0/20

All: 426.131 $\pm$ 199.142 χ^2 /NDF: 41.5/39

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 955.669+/-0.549 χ^2/NDF :20090.1/1

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: 935.182+/-0.374 χ^2/NDF : 37359.3/3

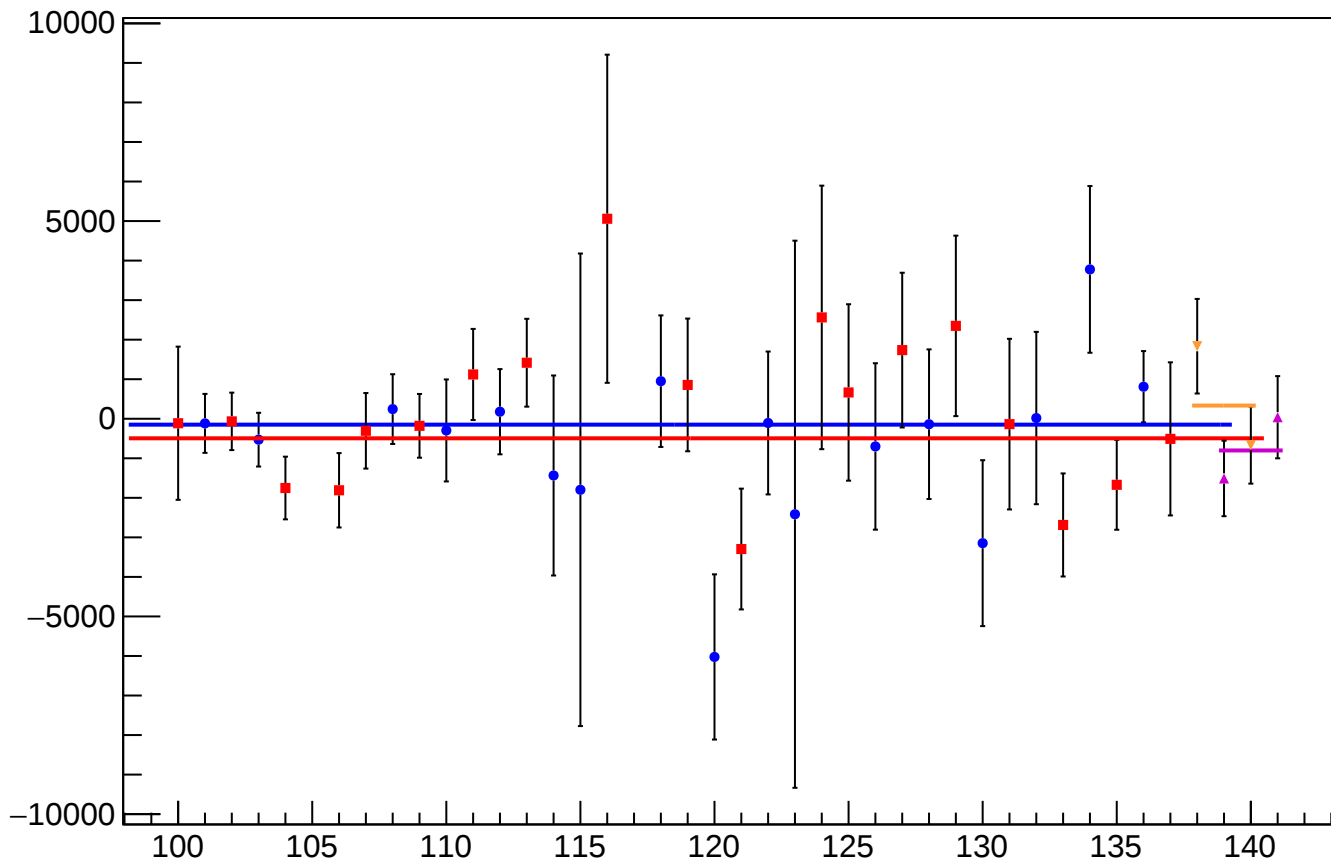
Right: 748.347+/-0.152 χ^2/NDF : 3274944.8/35

In: 803.382+/-0.208 χ^2/NDF :1684265.7/18

Out: 750.601+/-0.192 χ^2/NDF :1807697.2/20

All: 774.889+/-0.141 χ^2/NDF : 3526863.6/39

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 χ^2/NDF : 16.1/16

Left Out: 333.501 ± 756.046 χ^2/NDF : 2.6/1

Right Out: -494.856 ± 282.721 χ^2/NDF : 23.7/18

Left In: -801.757 ± 702.954 χ^2/NDF : 1.2/1

Left: -275.385 ± 514.811 χ^2/NDF : 5.0/3

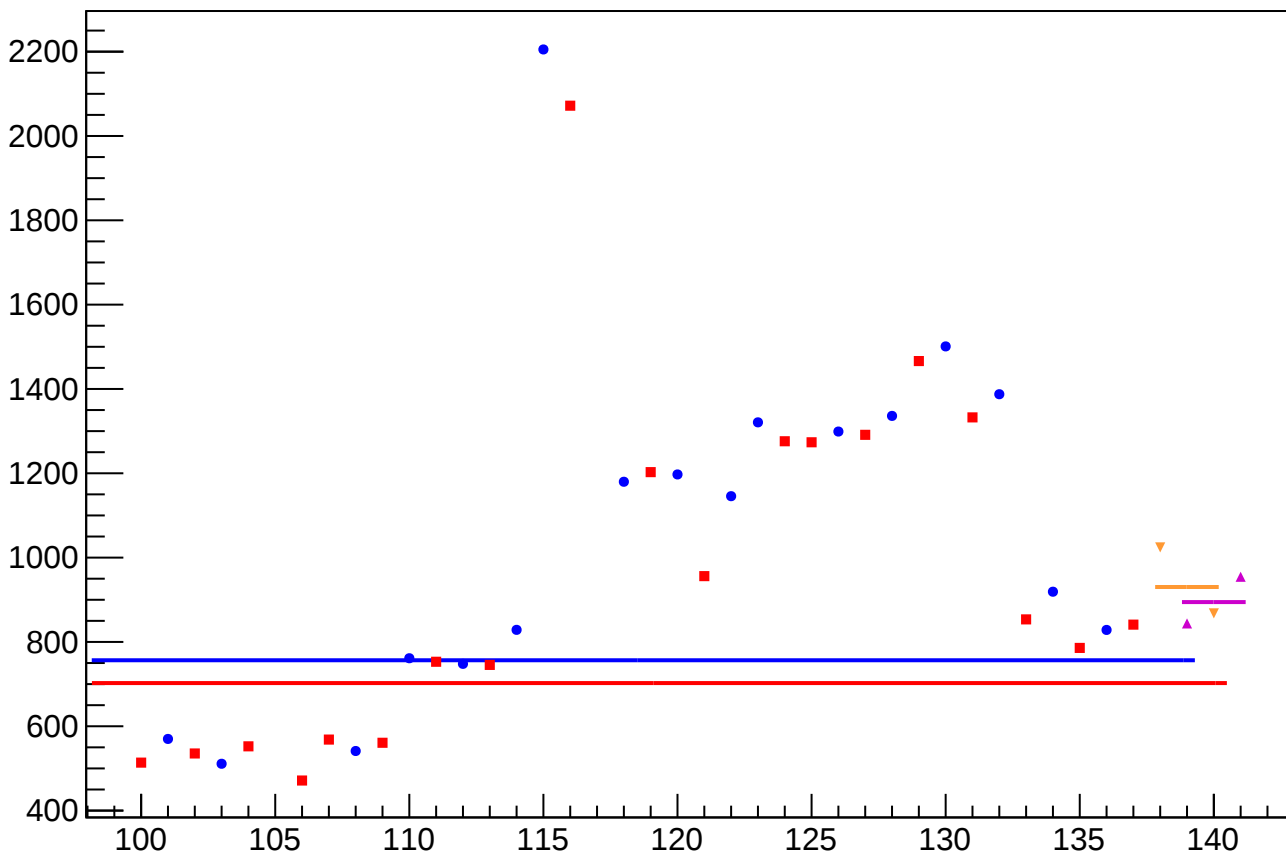
Right: -339.515 ± 209.793 χ^2/NDF : 40.5/35

In: -257.118 ± 285.908 χ^2/NDF : 18.0/18

Out: -393.232 ± 264.812 χ^2/NDF : 27.3/20

All: -330.382 ± 194.281 χ^2/NDF : 45.5/39

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 930.295 $\pm$ 0.535 χ^2 /NDF: 20543.3/1

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 894.528 $\pm$ 0.497 χ^2 /NDF: 12309.8/1

Left: 911.112 $\pm$ 0.364 χ^2 /NDF: 35253.9/3

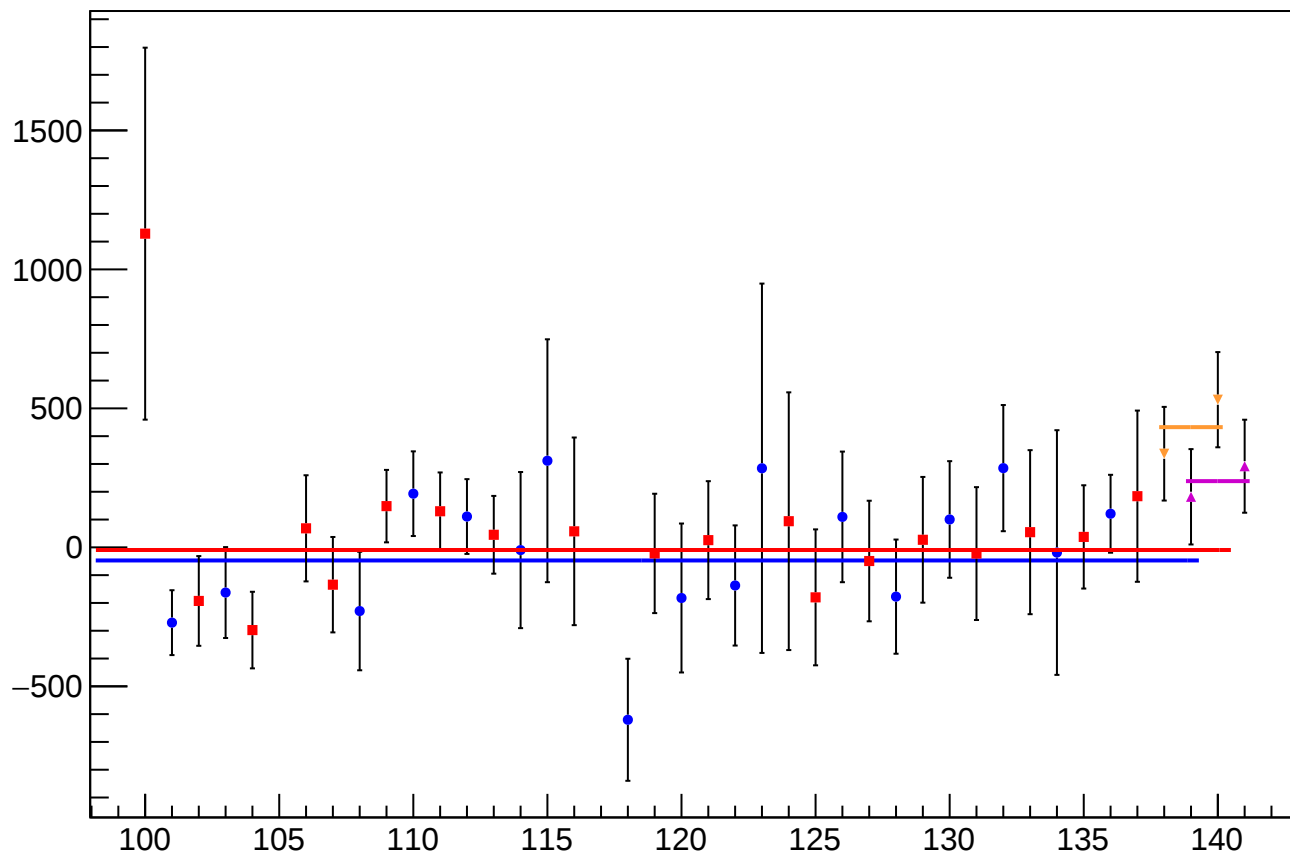
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 779.366 $\pm$ 0.202 χ^2 /NDF: 1790269.9/18

Out: 730.397 $\pm$ 0.187 χ^2 /NDF: 1869302.1/20

All: 753.008 $\pm$ 0.137 χ^2 /NDF: 3691151.0/39

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 432.465 ± 120.115 χ^2/NDF : 0.7/1

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: 335.085 ± 84.811 χ^2/NDF : 2.2/3

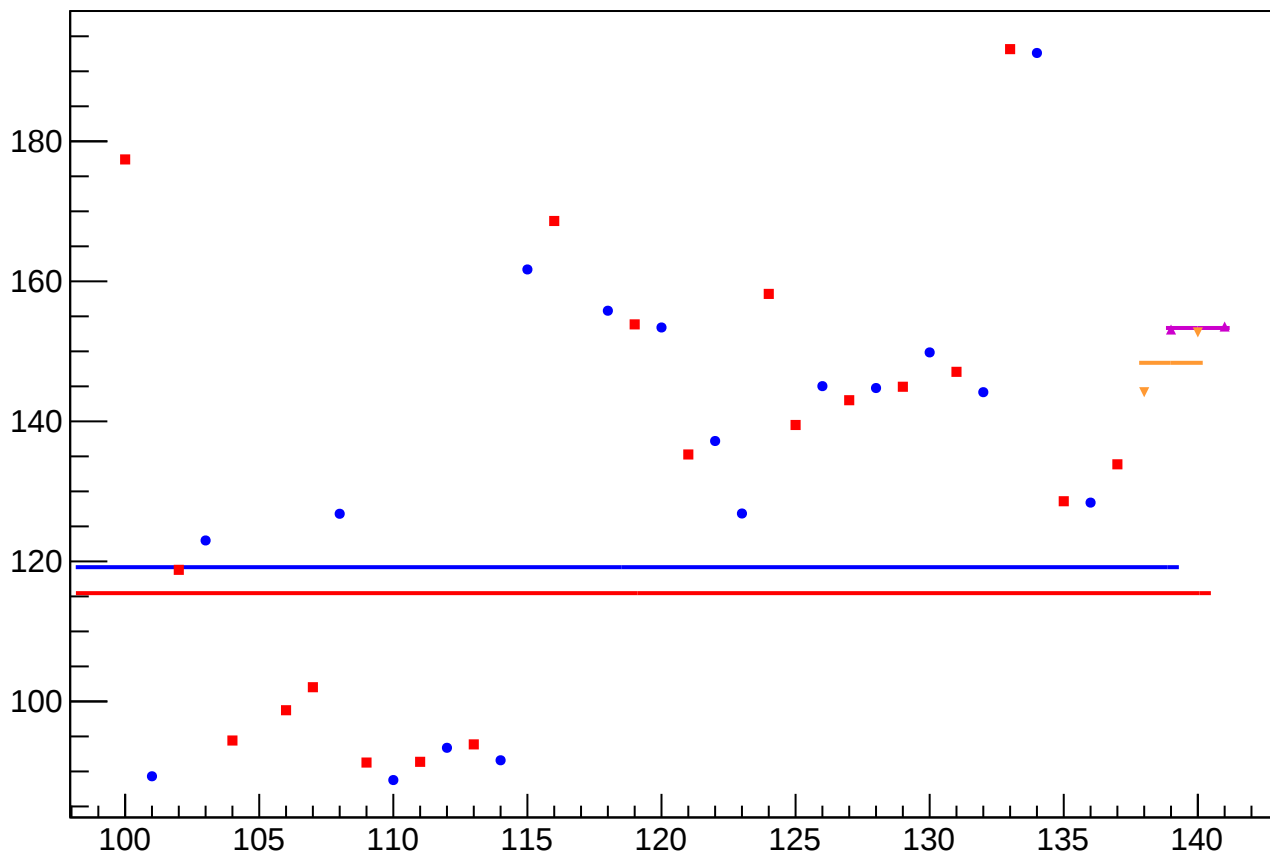
Right: -27.302 ± 32.497 χ^2/NDF : 35.3/35

In: -8.689 ± 43.968 χ^2/NDF : 27.0/18

Out: 44.359 ± 41.933 χ^2/NDF : 25.6/20

All: 19.091 ± 30.345 χ^2/NDF : 53.4/39

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 148.364+/-0.085 χ^2/NDF :2529.6/1

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 153.339+/-0.085 χ^2/NDF :6.3/1

Left: 150.859+/-0.060 χ^2/NDF : 4256.1/3

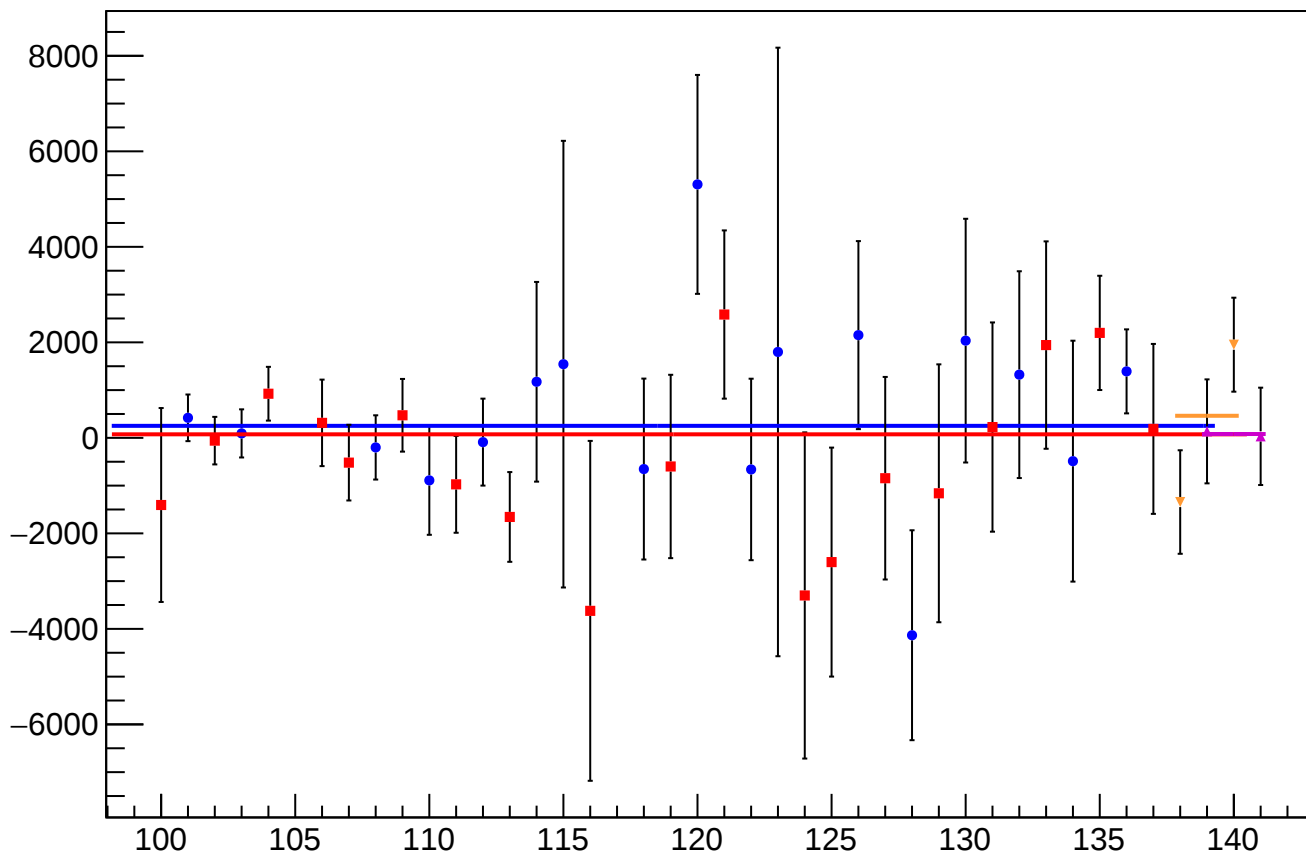
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 123.780+/-0.031 χ^2/NDF :756116.0/18

Out: 119.475+/-0.030 χ^2/NDF :827058.3/20

All: 121.526+/-0.021 χ^2/NDF : 1593210.8/39

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 462.389+/-728.548 χ^2/NDF : 5.1/1

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 80.473+/-744.013 χ^2/NDF : 0.0/1

Left: 275.441+/-520.543 χ^2/NDF : 5.2/3

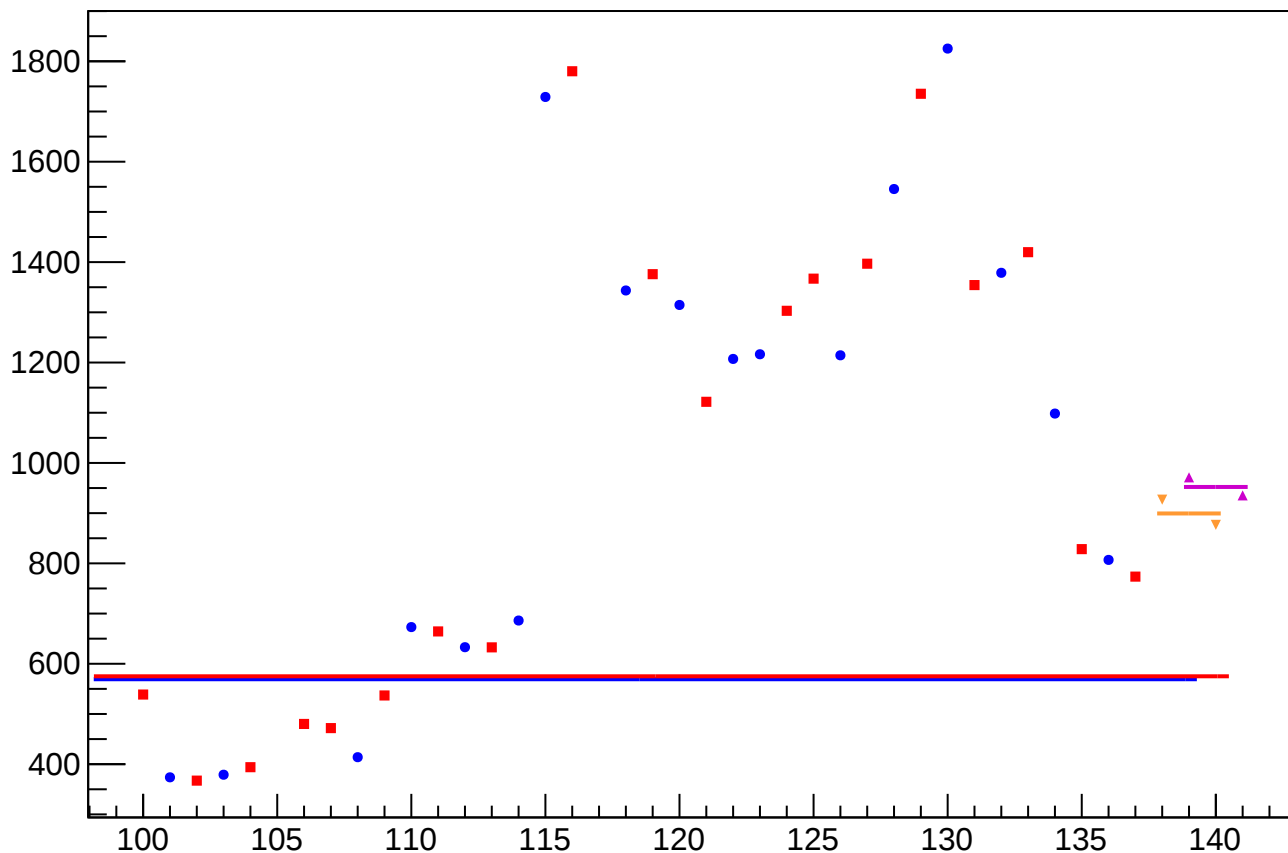
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 234.005+/-239.377 χ^2/NDF : 14.9/18

Out: 113.274+/-231.341 χ^2/NDF : 23.3/20

All: 171.579+/-166.351 χ^2/NDF : 38.4/39

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200+/-0.179 χ^2/NDF : 3267047.1/16

Left Out: 899.377+/-0.515 χ^2/NDF : 2352.1/1

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: 925.217+/-0.368 χ^2/NDF : 8653.8/3

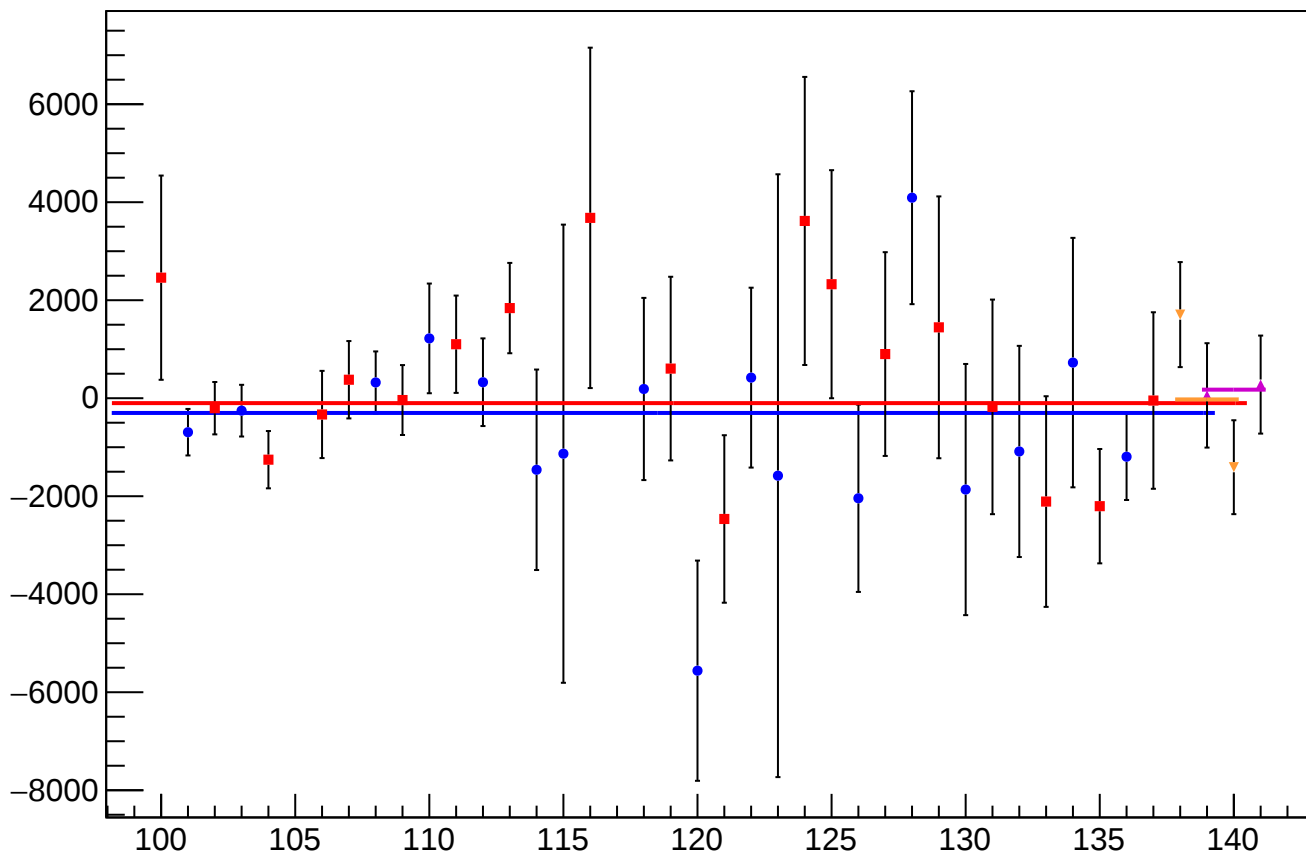
Right: 572.230+/-0.124 χ^2/NDF : 6326525.2/35

In: 608.842+/-0.169 χ^2/NDF : 3743253.4/18

Out: 607.753+/-0.164 χ^2/NDF : 3417658.4/20

All: 608.279+/-0.118 χ^2/NDF : 7160933.2/39

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -24.455 ± 714.332 χ^2/NDF : 4.7/1

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: 73.139 ± 510.258 χ^2/NDF : 4.8/3

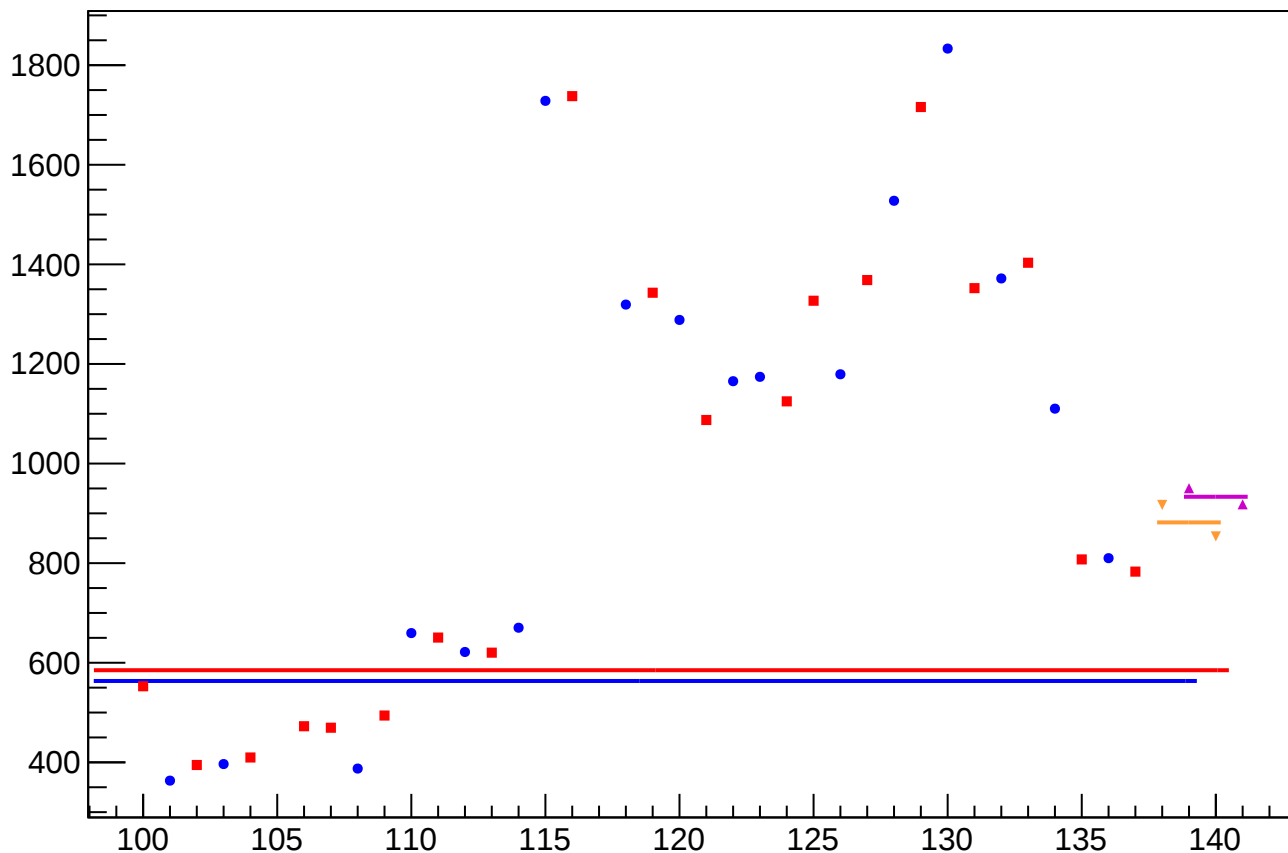
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -250.526 ± 236.741 χ^2/NDF : 17.1/18

Out: -91.945 ± 232.561 χ^2/NDF : 27.1/20

All: -169.823 ± 165.903 χ^2/NDF : 44.4/39

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 881.816+/-0.505 χ^2/NDF : 3866.9/1

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: 907.040+/-0.361 χ^2/NDF : 9940.5/3

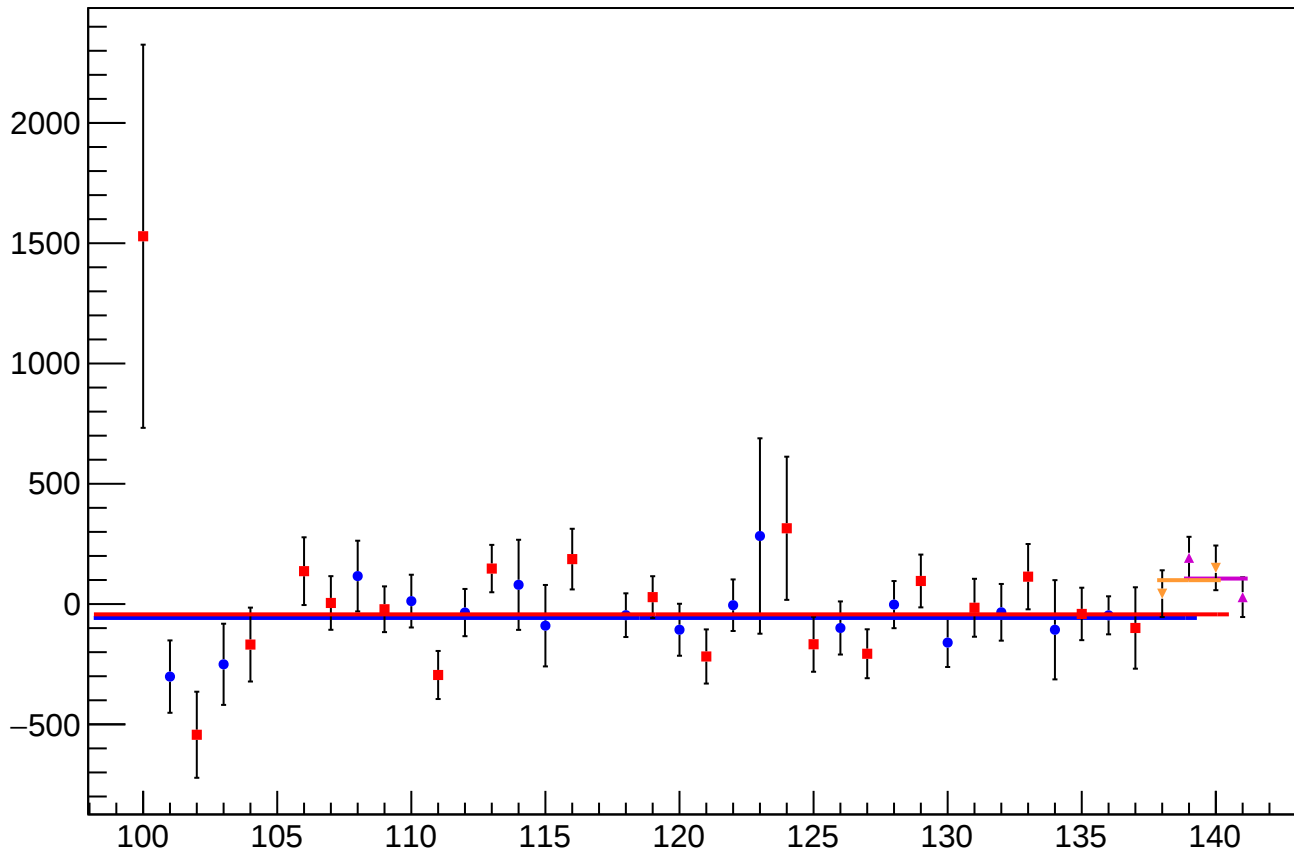
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 602.393+/-0.167 χ^2/NDF : 3720577.8/18

Out: 616.445+/-0.164 χ^2/NDF : 3131235.5/20

All: 609.544+/-0.117 χ^2/NDF : 6855399.4/39

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 99.315 ± 67.132 χ^2/NDF : 0.6/1

Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18

Left In: 105.994 ± 60.005 χ^2/NDF : 1.9/1

Left: 103.028 ± 44.738 χ^2/NDF : 2.5/3

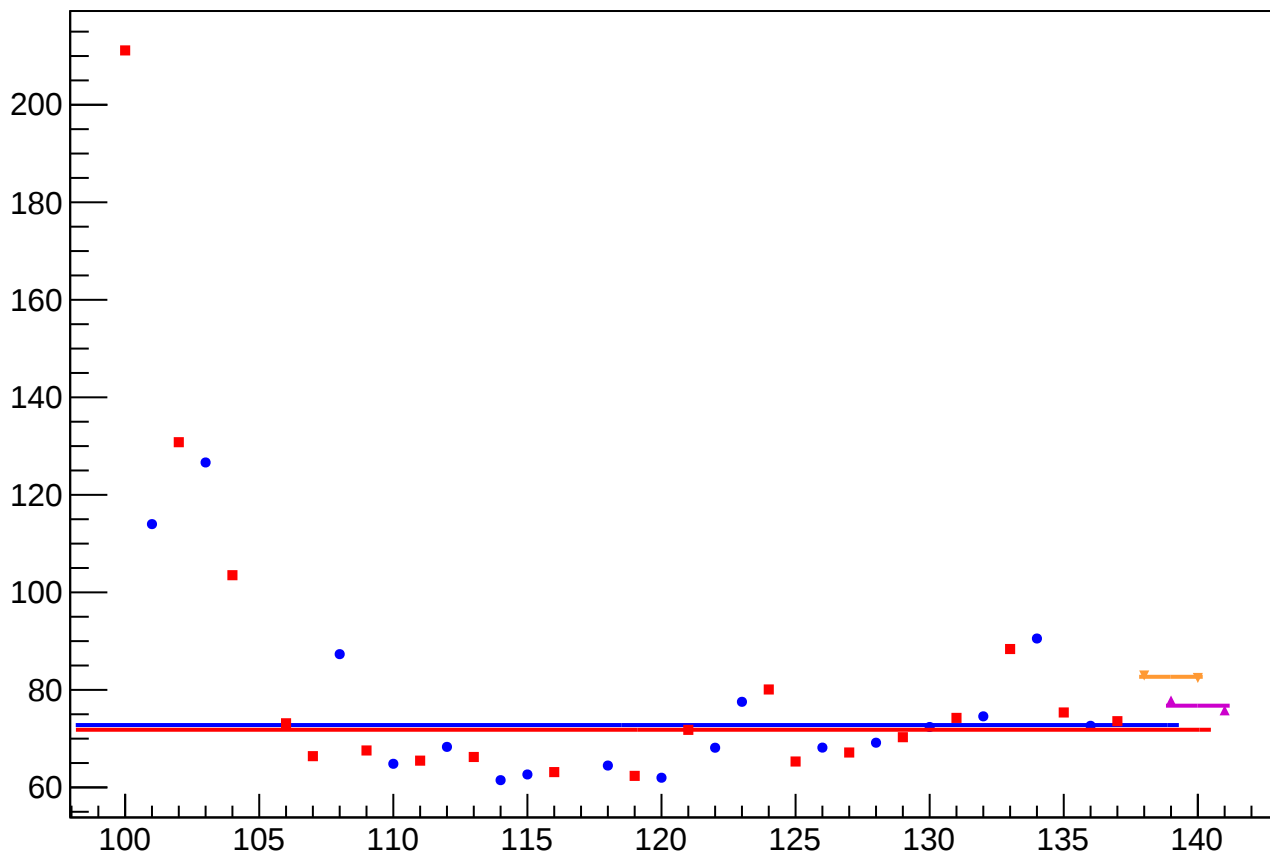
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: -27.243 ± 25.886 χ^2/NDF : 17.0/18

Out: -22.123 ± 25.601 χ^2/NDF : 43.5/20

All: -24.655 ± 18.203 χ^2/NDF : 60.6/39

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 82.686 $\pm$ 0.047 χ^2 /NDF:28.4/1

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: 79.392 $\pm$ 0.032 χ^2 /NDF: 9249.3/3

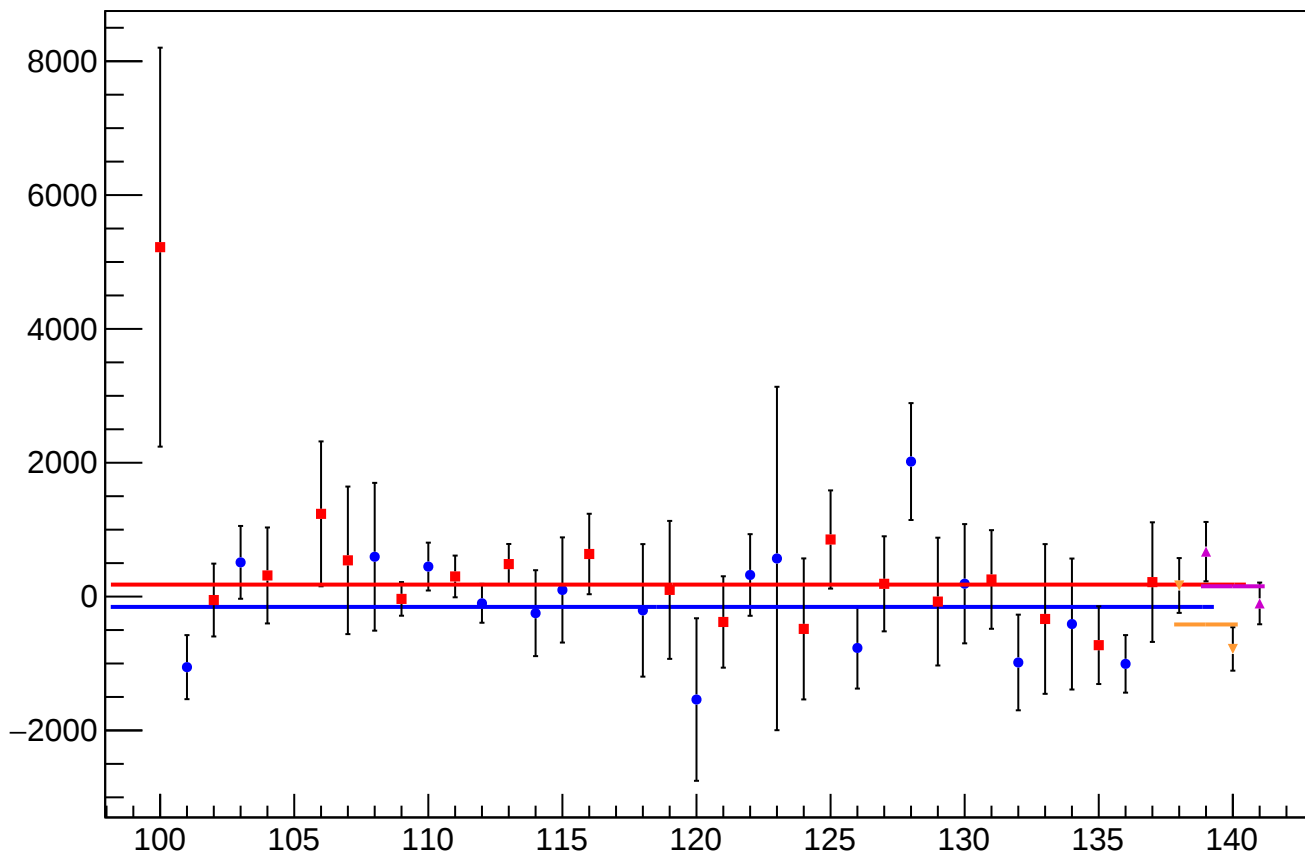
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 73.529 $\pm$ 0.018 χ^2 /NDF:472460.6/18

Out: 73.404 $\pm$ 0.018 χ^2 /NDF:510427.1/20

All: 73.465 $\pm$ 0.013 χ^2 /NDF: 982911.3/39

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2 /NDF: 23.2/16

Left Out: -416.670 $\pm$ 254.392 χ^2 /NDF:3.3/1

Right Out: 179.068 $\pm$ 126.107 χ^2 /NDF: 11.3/18

Left In: 153.753 $\pm$ 254.939 χ^2 /NDF:2.0/1

Left: -132.072 $\pm$ 180.075 χ^2 /NDF: 7.8/3

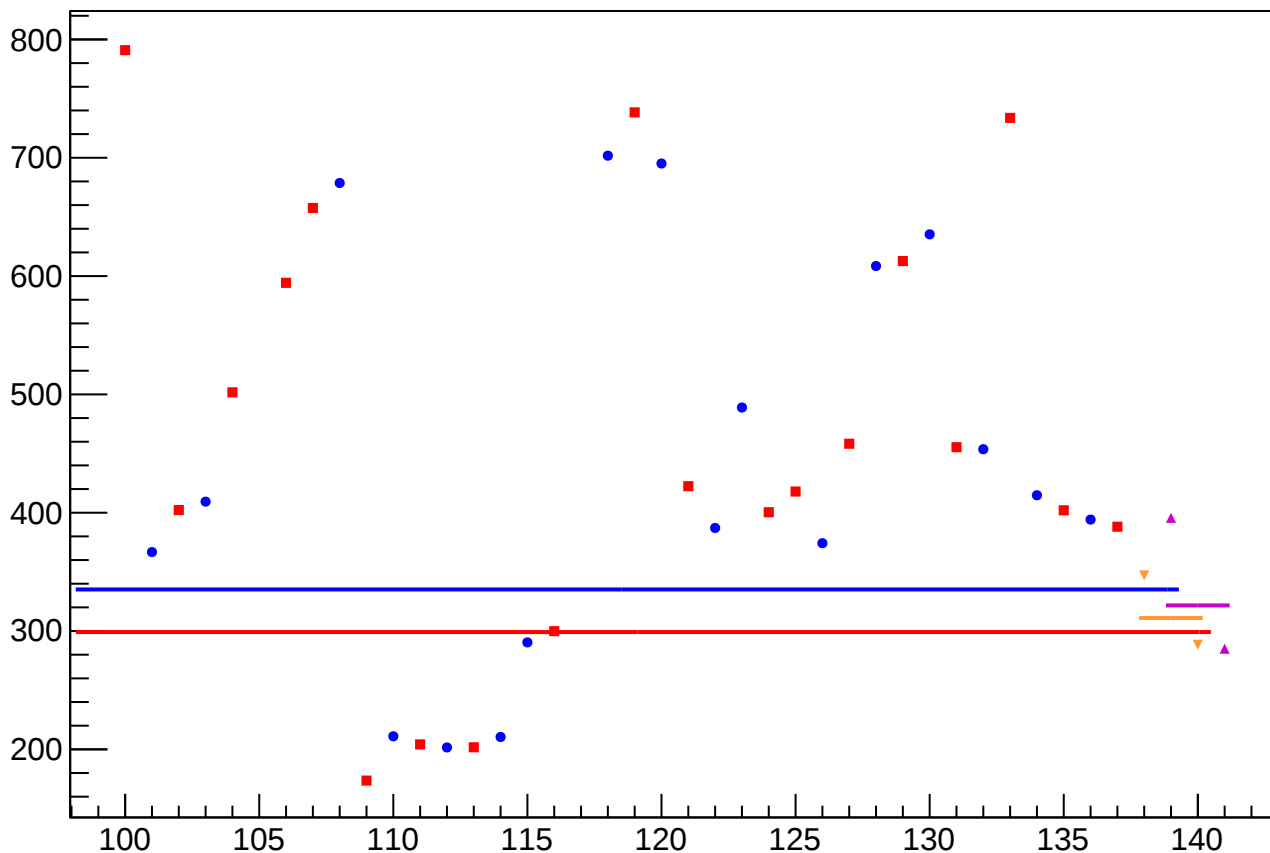
Right: 30.517 $\pm$ 93.908 χ^2 /NDF: 37.6/35

In: -82.457 $\pm$ 123.185 χ^2 /NDF:26.3/18

Out: 61.550 $\pm$ 112.987 χ^2 /NDF:19.0/20

All: -4.246 $\pm$ 83.266 χ^2 /NDF: 46.1/39

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 311.009+/-0.180 χ^2/NDF : 25205.0/1

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: 316.320+/-0.127 χ^2/NDF : 110346.7/3

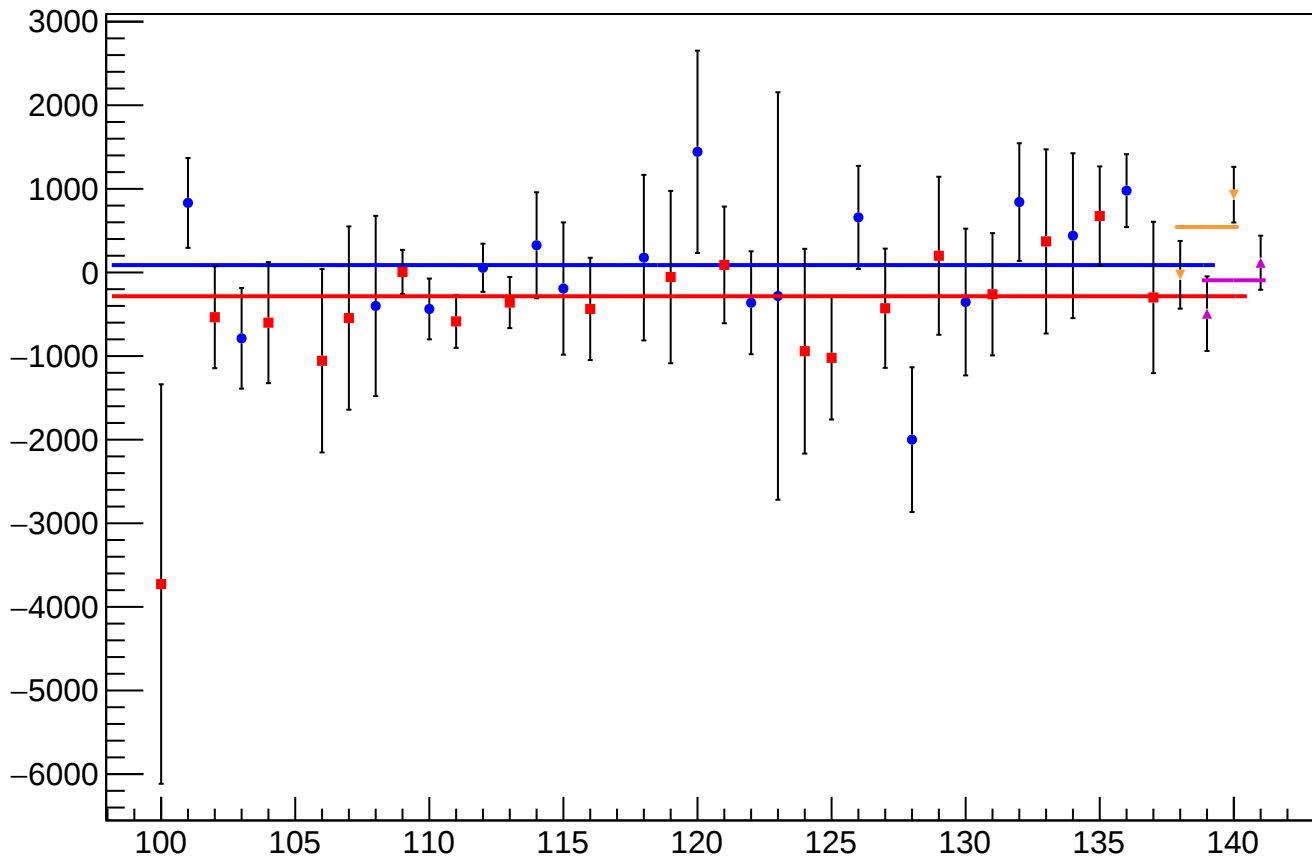
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 331.987+/-0.087 χ^2/NDF : 2081725.1/18

Out: 301.477+/-0.080 χ^2/NDF : 2859792.3/20

All: 315.417+/-0.059 χ^2/NDF : 5008147.9/39

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 544.341 $\pm$ 257.117 χ^2/NDF : 3.3/1

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: -93.613 $\pm$ 262.030 χ^2/NDF : 1.2/1

Left: 231.401 $\pm$ 183.522 χ^2/NDF : 7.6/3

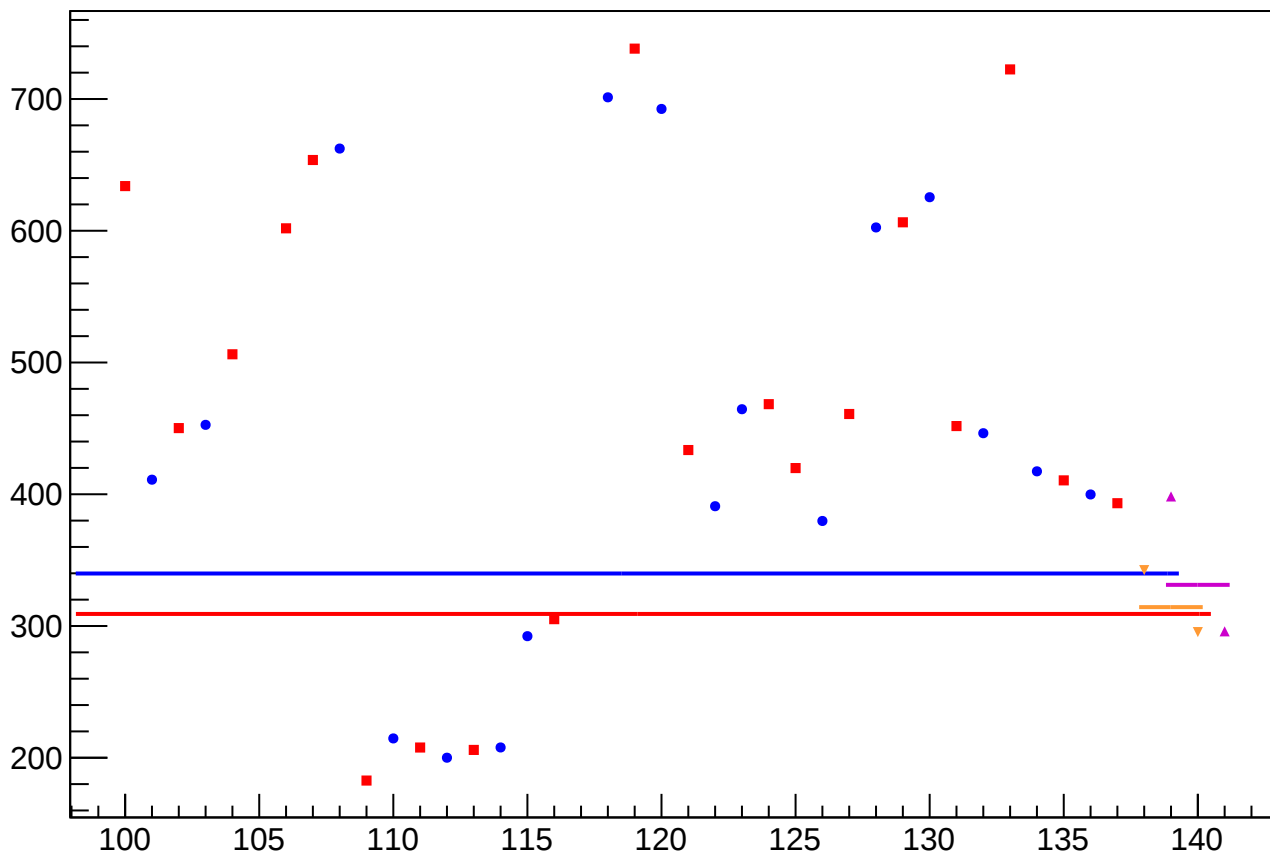
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 46.404 $\pm$ 125.536 χ^2/NDF : 22.4/18

Out: -116.435 $\pm$ 115.783 χ^2/NDF : 21.8/20

All: -41.586 $\pm$ 85.110 χ^2/NDF : 45.1/39

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 314.332 $\pm$ 0.182 χ^2 /NDF:16102.2/1

Right Out: 309.158 $\pm$ 0.092 χ^2 /NDF: 2735887.4/18

Left In: 331.240 $\pm$ 0.185 χ^2 /NDF:68957.3/1

Left: 322.626 $\pm$ 0.130 χ^2 /NDF: 89301.7/3

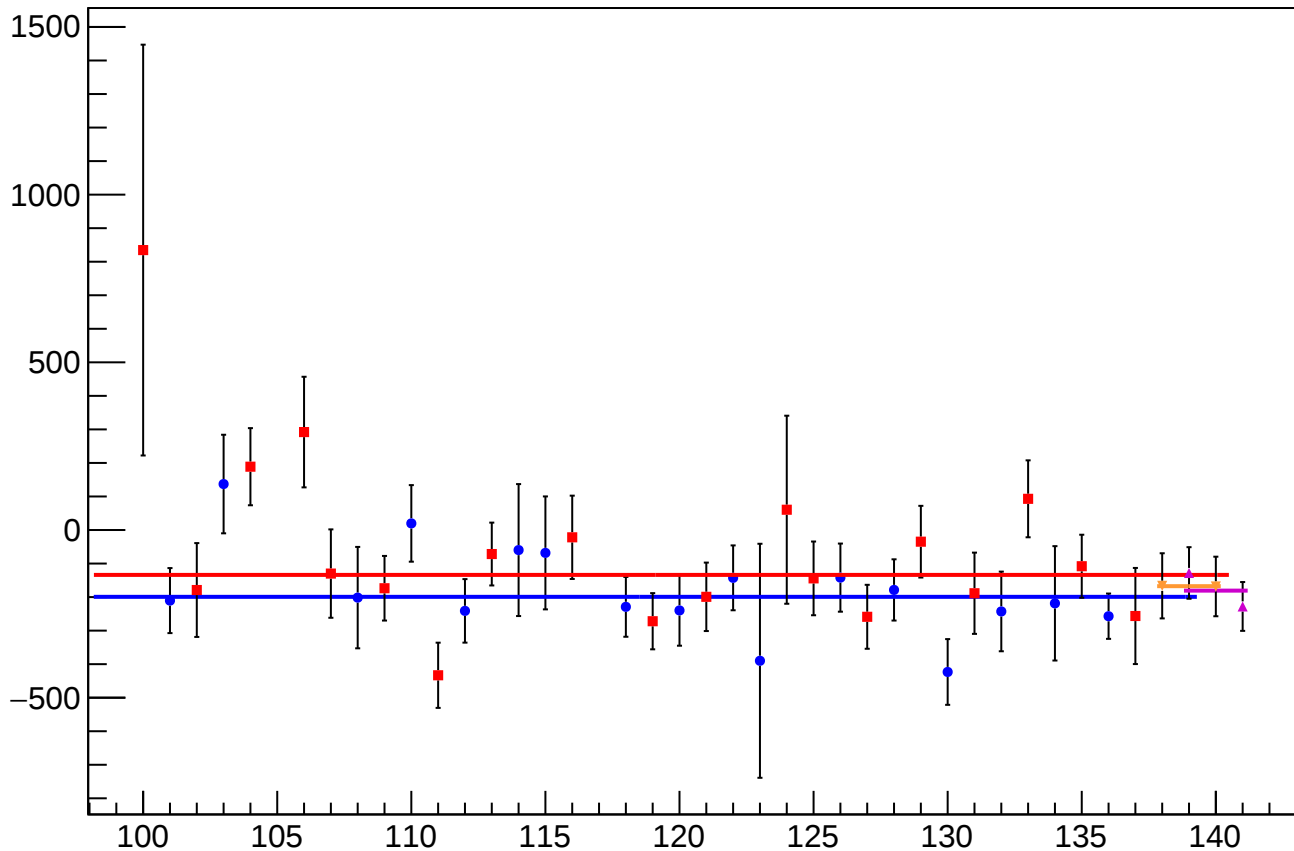
Right: 323.006 $\pm$ 0.068 χ^2 /NDF: 4829958.1/35

In: 337.873 $\pm$ 0.089 χ^2 /NDF:2114143.5/18

Out: 310.208 $\pm$ 0.082 χ^2 /NDF:2752635.3/20

All: 322.924 $\pm$ 0.060 χ^2 /NDF: 4919266.5/39

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2 /NDF: 17.6/16

Left Out: -167.473 $\pm$ 65.534 χ^2 /NDF: 0.0/1

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: -175.503 $\pm$ 41.144 χ^2 /NDF: 0.9/3

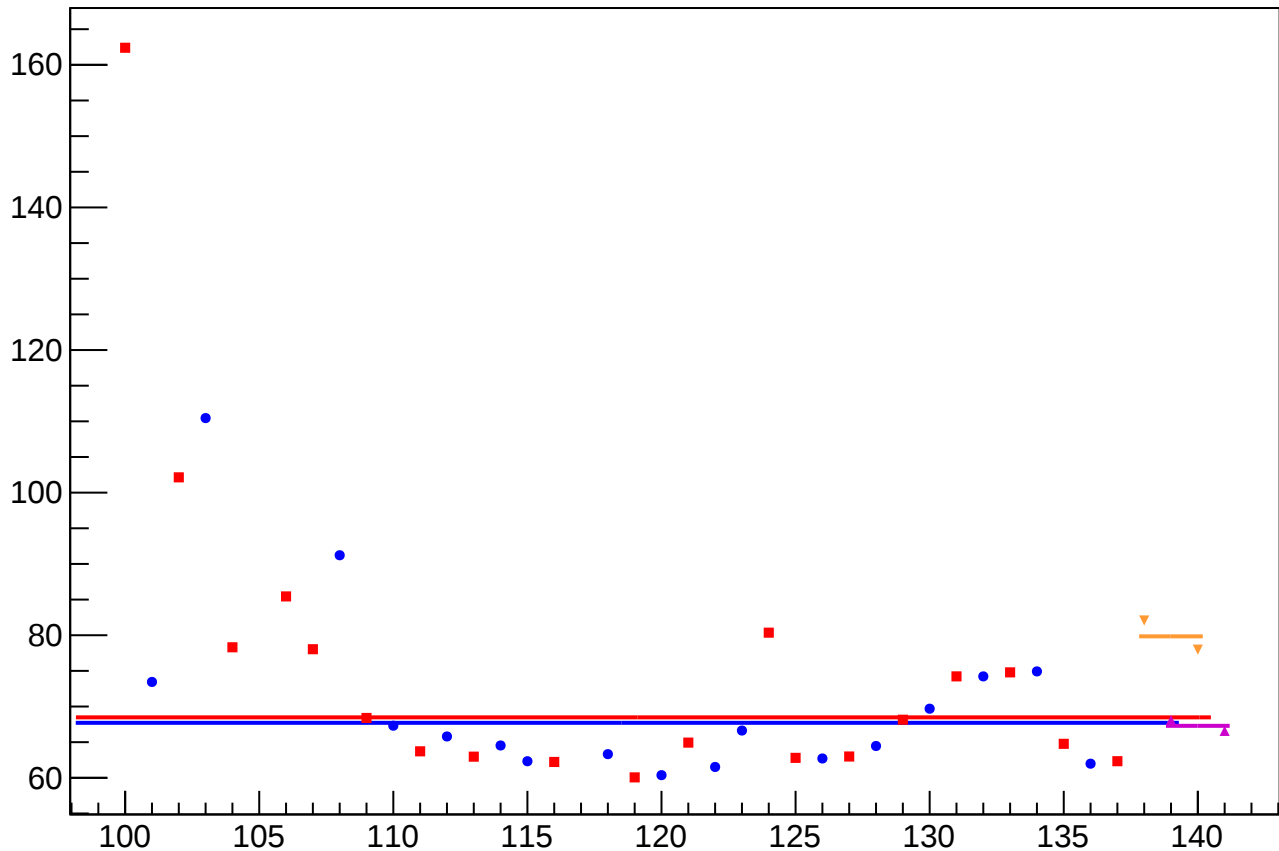
Right: -166.192 $\pm$ 18.647 χ^2 /NDF: 59.8/35

In: -195.528 $\pm$ 23.701 χ^2 /NDF: 18.6/18

Out: -138.487 $\pm$ 24.350 χ^2 /NDF: 39.4/20

All: -167.779 $\pm$ 16.984 χ^2 /NDF: 60.8/39

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 79.843 $\pm$ 0.046 χ^2 /NDF:1932.7/1

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: 72.240 $\pm$ 0.029 χ^2 /NDF: 46767.2/3

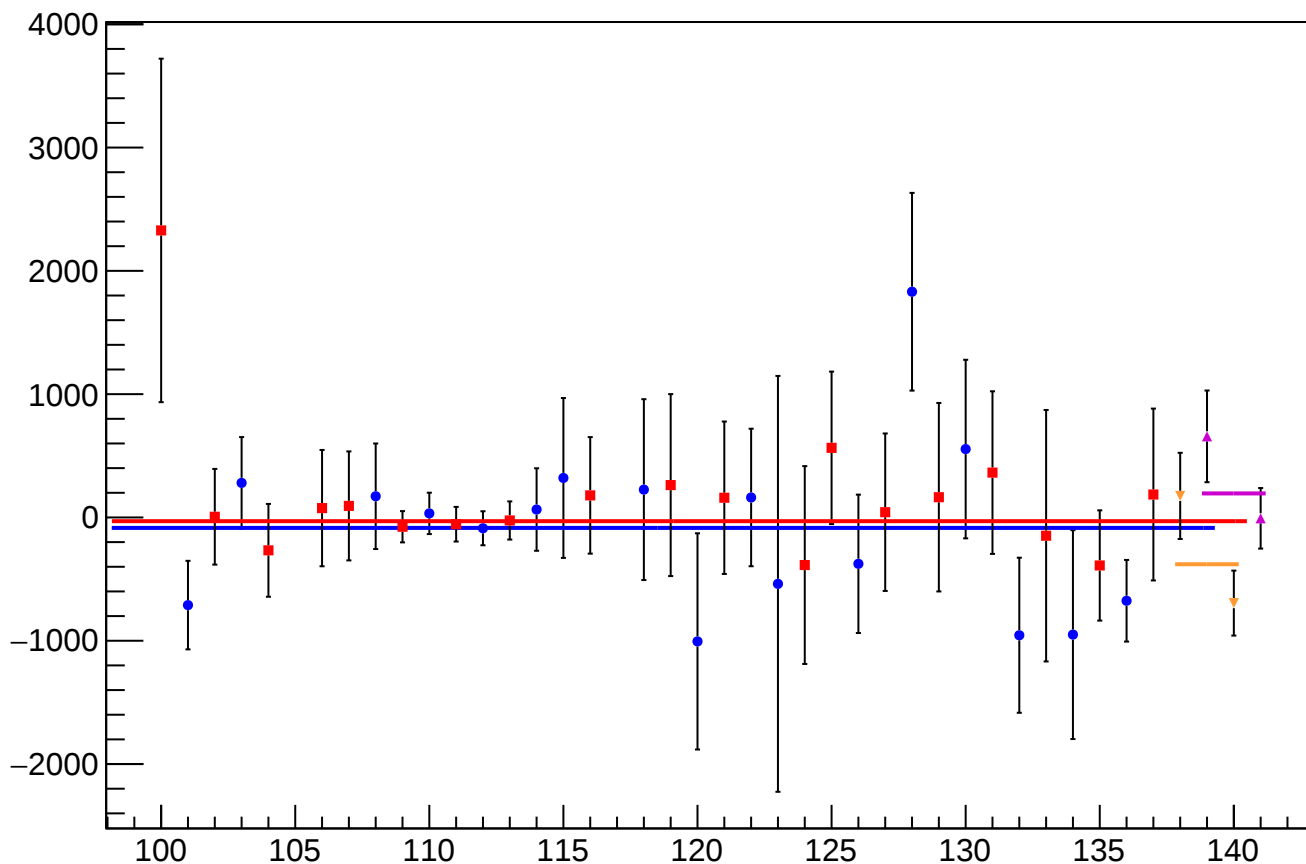
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 67.631 $\pm$ 0.017 χ^2 /NDF:283397.2/18

Out: 70.050 $\pm$ 0.017 χ^2 /NDF:335176.4/20

All: 68.807 $\pm$ 0.012 χ^2 /NDF: 628709.5/39

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -379.599 ± 210.359 χ^2/NDF : 3.9/1

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: -84.843 ± 146.784 χ^2/NDF : 10.0/3

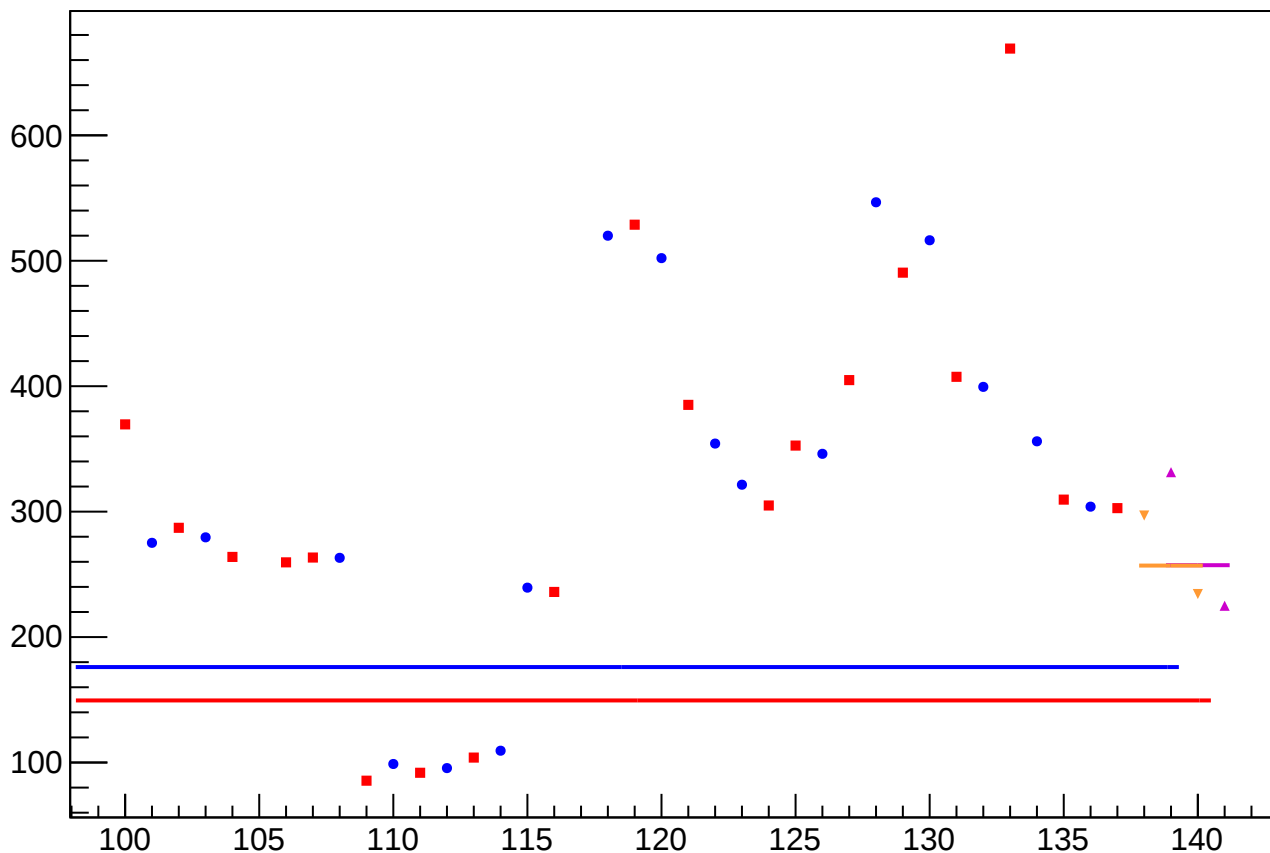
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -45.621 ± 76.664 χ^2/NDF : 23.7/18

Out: -64.748 ± 66.131 χ^2/NDF : 12.8/20

All: -56.588 ± 50.075 χ^2/NDF : 36.5/39

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 257.003+/-0.149 χ^2/NDF : 40912.4/1

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 257.310+/-0.145 χ^2/NDF : 114226.8/1

Left: 257.161+/-0.104 χ^2/NDF : 155141.4/3

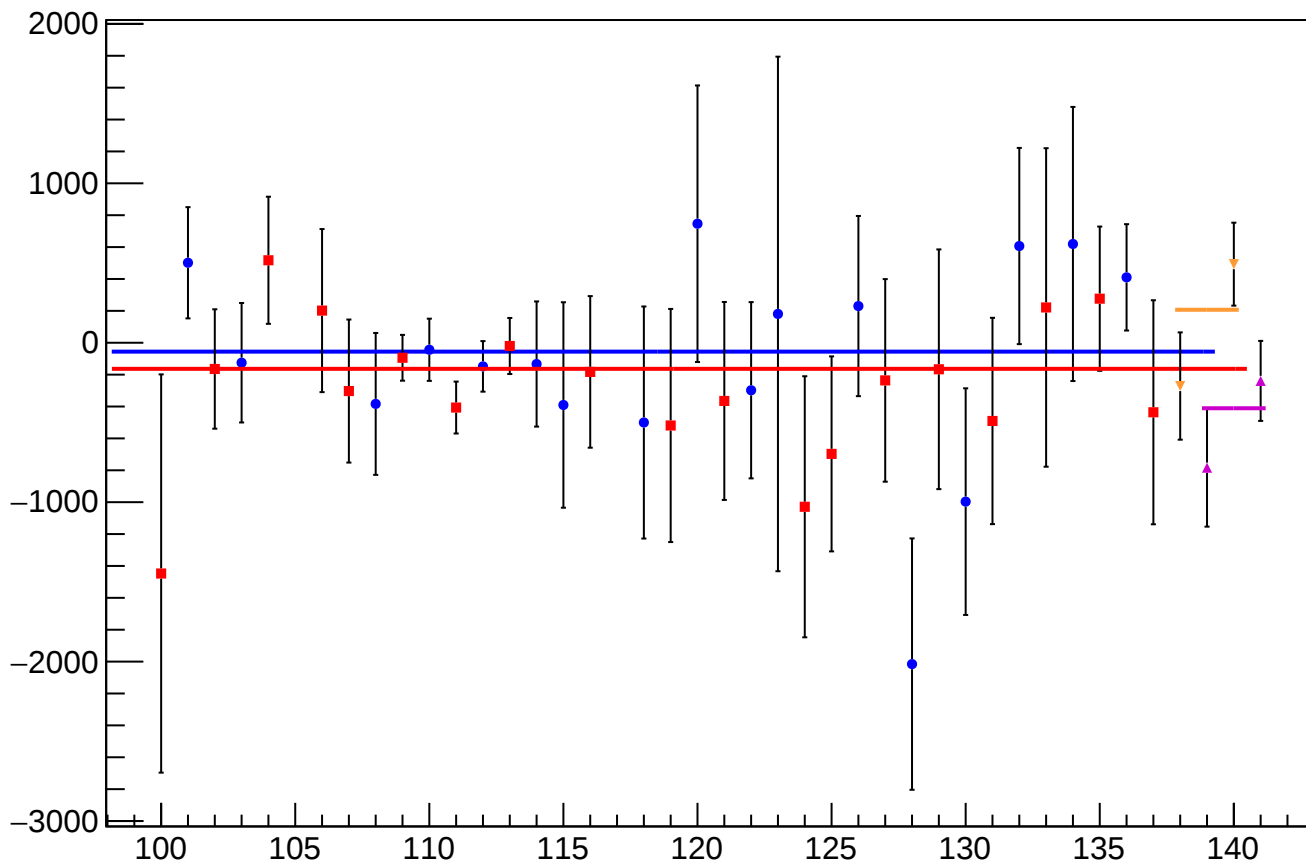
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 187.464+/-0.054 χ^2/NDF : 4608062.2/18

Out: 160.110+/-0.047 χ^2/NDF : 5332741.4/20

All: 171.780+/-0.035 χ^2/NDF : 10086794.4/35

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 206.913 ± 205.804 χ^2/NDF : 3.2/1

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -410.863 ± 207.685 χ^2/NDF : 1.5/1

Left: -99.165 ± 146.186 χ^2/NDF : 9.2/3

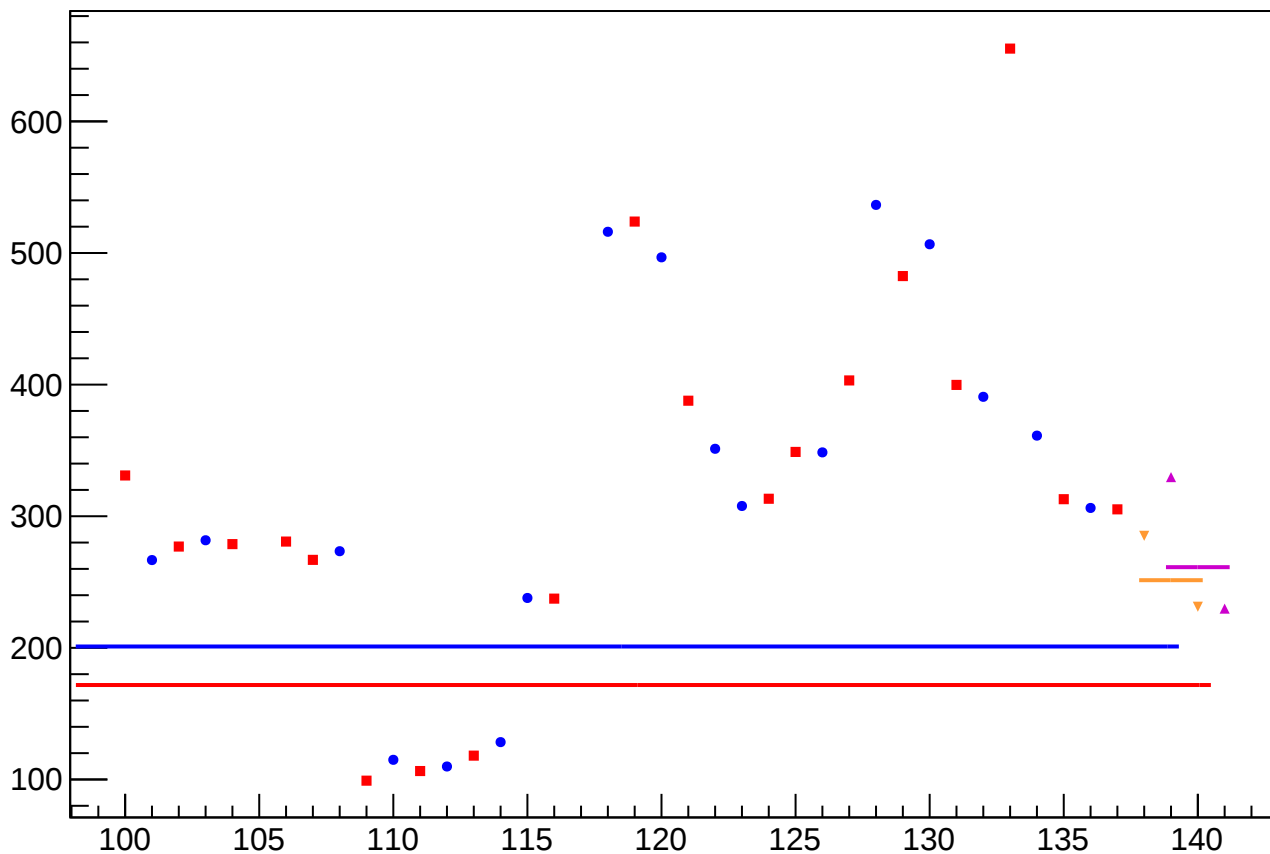
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -112.473 ± 83.021 χ^2/NDF : 21.1/18

Out: -118.149 ± 72.057 χ^2/NDF : 17.5/20

All: -115.710 ± 54.418 χ^2/NDF : 38.6/39

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 251.409+/-0.146 χ^2/NDF :32102.5/1

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: 256.315+/-0.103 χ^2/NDF : 134318.6/3

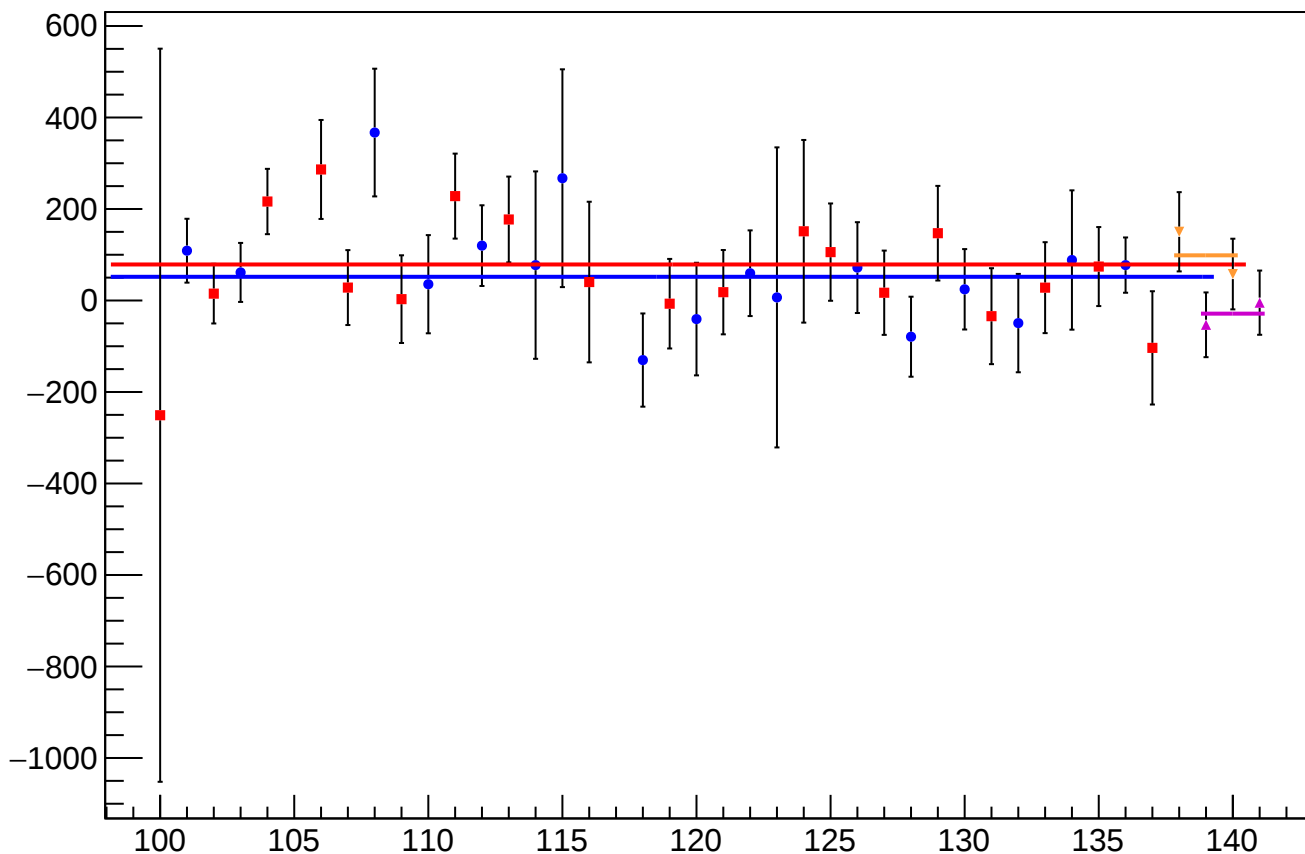
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 210.668+/-0.059 χ^2/NDF :3674486.6/18

Out: 181.528+/-0.051 χ^2/NDF :4393125.2/20

All: 194.048+/-0.038 χ^2/NDF : 8208139.6/39

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: 98.732 $\pm$ 57.641 χ^2 /NDF:0.6/1

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: 25.777 $\pm$ 37.697 χ^2 /NDF: 3.7/3

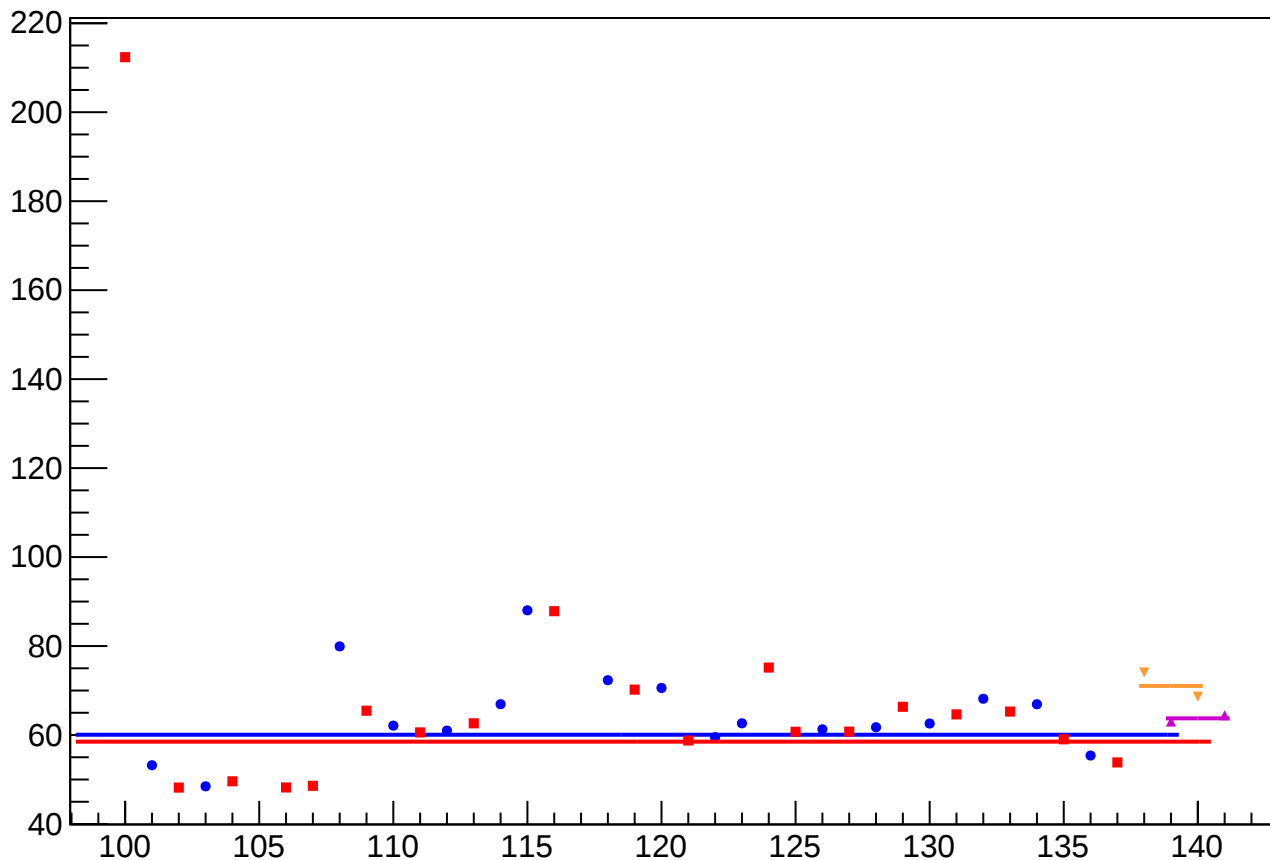
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 37.106 $\pm$ 21.283 χ^2 /NDF:16.9/18

Out: 81.389 $\pm$ 20.952 χ^2 /NDF:19.9/20

All: 59.595 $\pm$ 14.931 χ^2 /NDF: 39.0/39

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 71.036 $\pm$ 0.041 χ^2 /NDF: 4390.1/1

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 63.750 $\pm$ 0.035 χ^2 /NDF: 404.2/1

Left: 66.866 $\pm$ 0.027 χ^2 /NDF: 23080.7/3

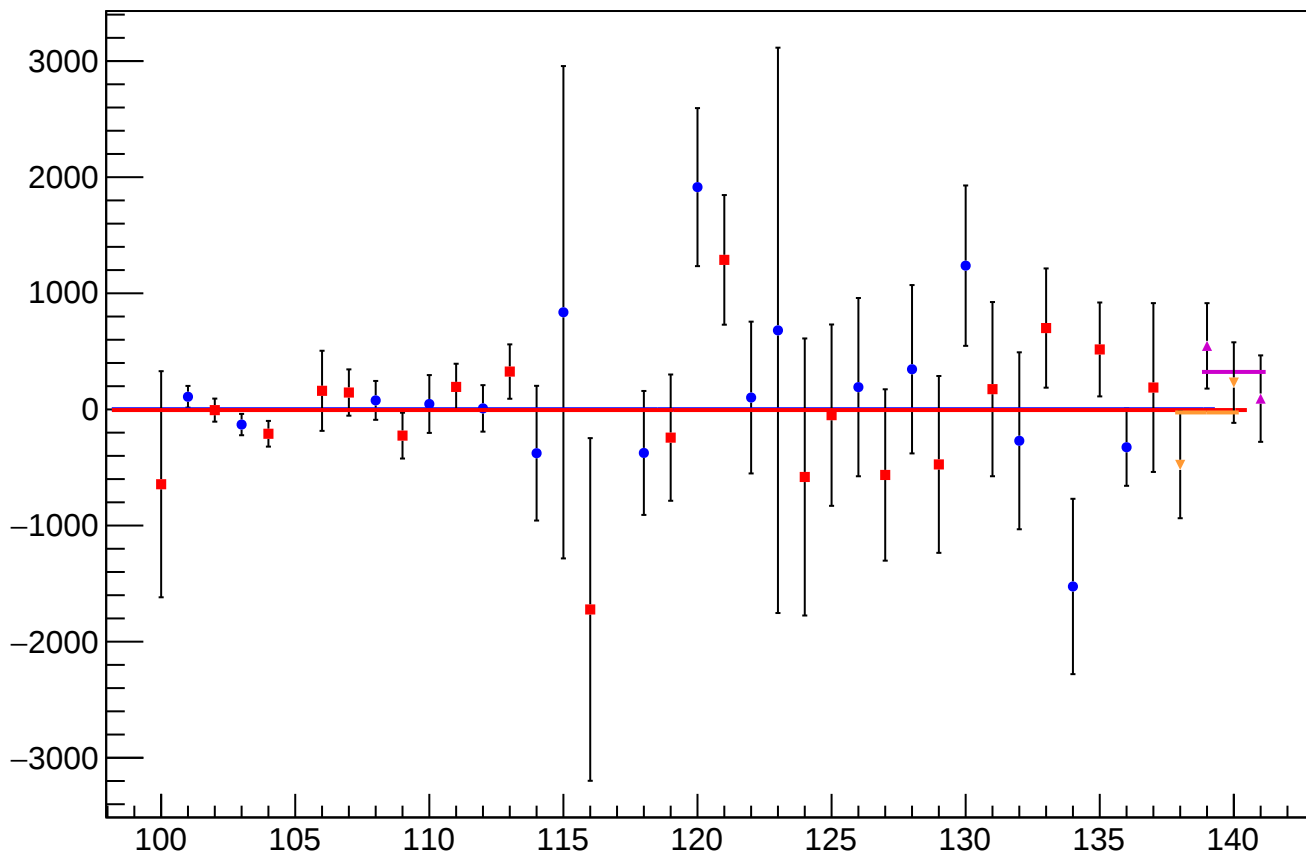
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 60.737 $\pm$ 0.015 χ^2 /NDF: 238443.3/18

Out: 60.163 $\pm$ 0.015 χ^2 /NDF: 435200.8/20

All: 60.446 $\pm$ 0.011 χ^2 /NDF: 674382.9/39

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -26.070+/-276.857 χ^2/NDF : 1.5/1

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: 158.226+/-190.178 χ^2/NDF : 3.1/3

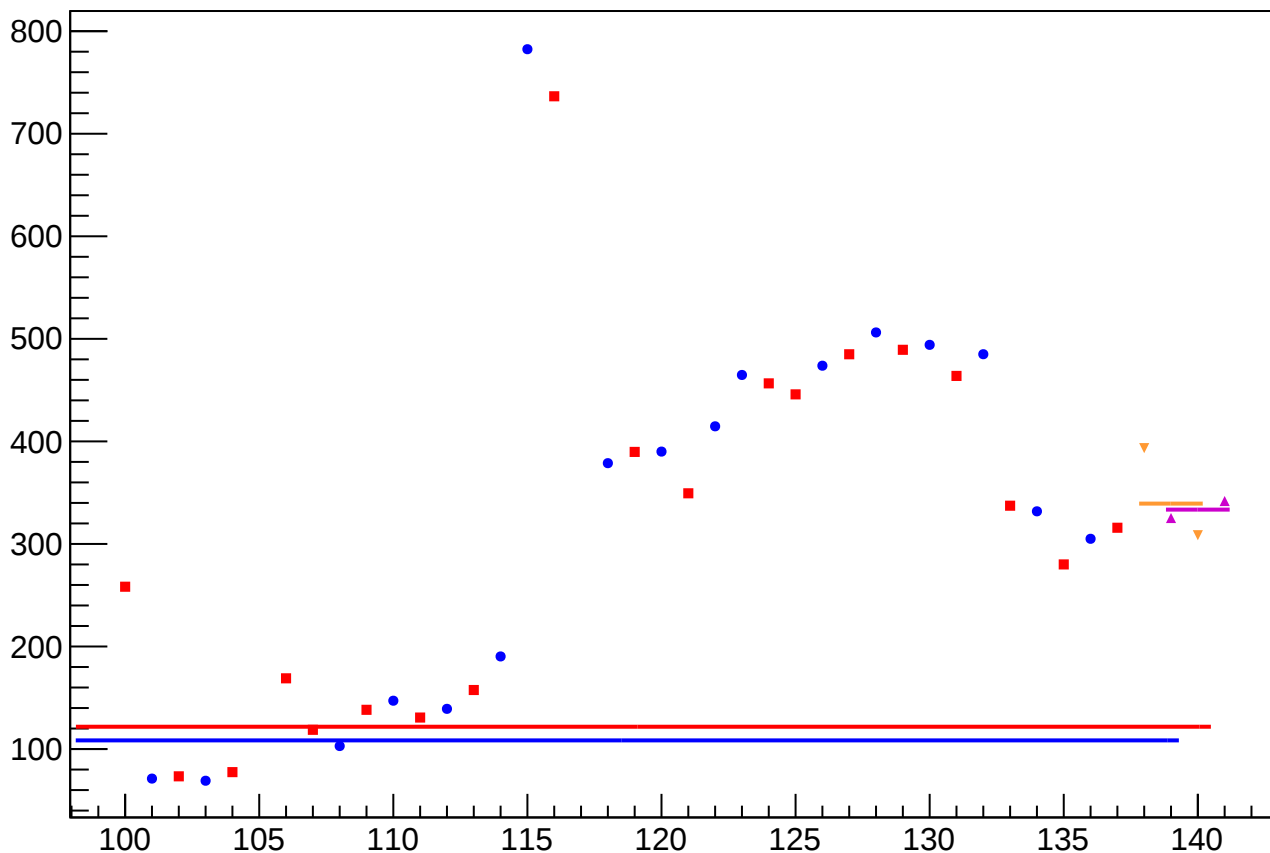
Right: -1.770+/-39.150 χ^2/NDF : 42.1/35

In: 14.836+/-53.153 χ^2/NDF : 23.6/18

Out: -6.229+/-55.374 χ^2/NDF : 22.2/20

All: 4.735+/-38.346 χ^2/NDF : 45.8/39

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 339.337+/-0.196 χ^2/NDF : 43508.8/1

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: 336.243+/-0.134 χ^2/NDF : 45985.7/3

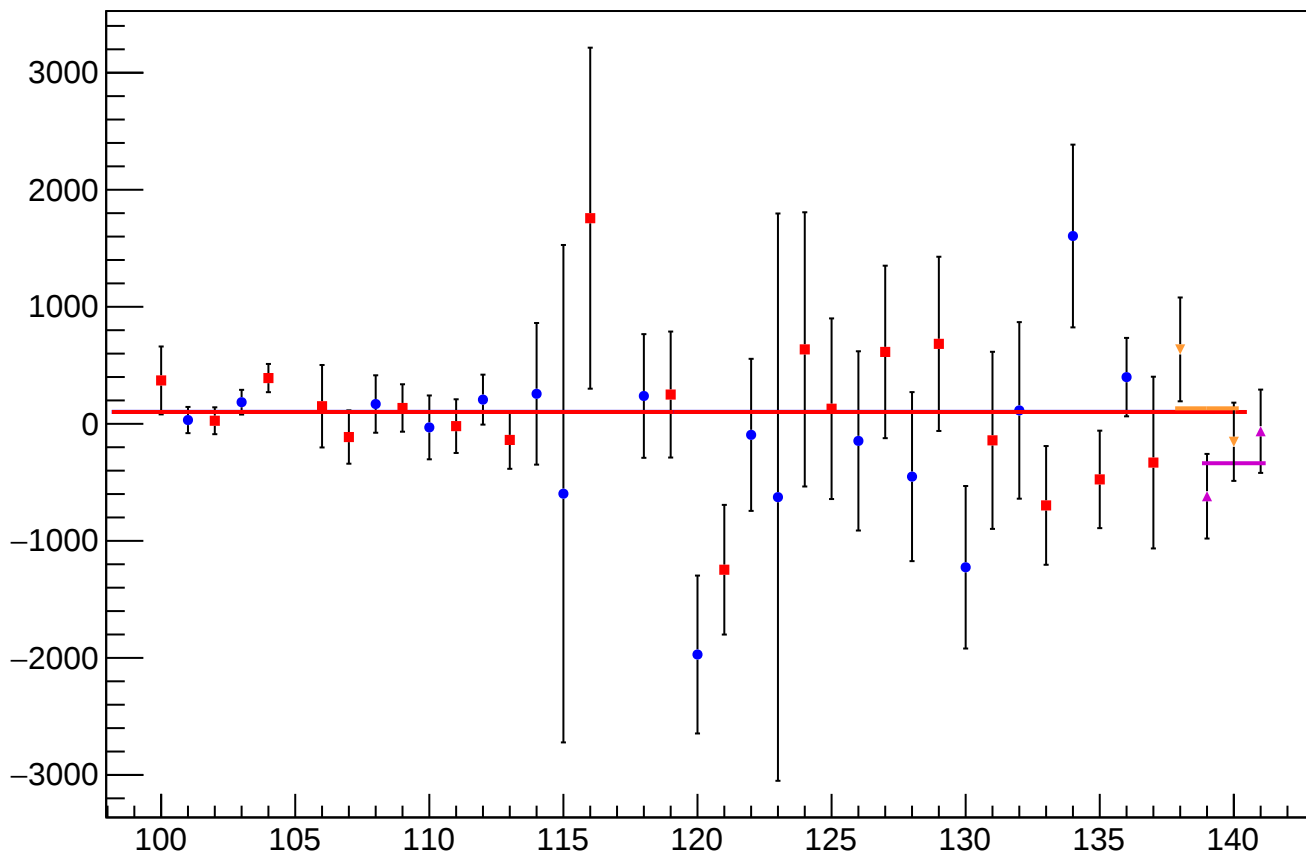
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 117.729+/-0.038 χ^2/NDF : 6824031.4/18

Out: 130.469+/-0.039 χ^2/NDF : 6000292.1/20

All: 123.838+/-0.027 χ^2/NDF : 12879421.3/39

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 132.608+/-266.929 χ^2/NDF : 2.0/1

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: -113.997+/-183.860 χ^2/NDF : 4.8/3

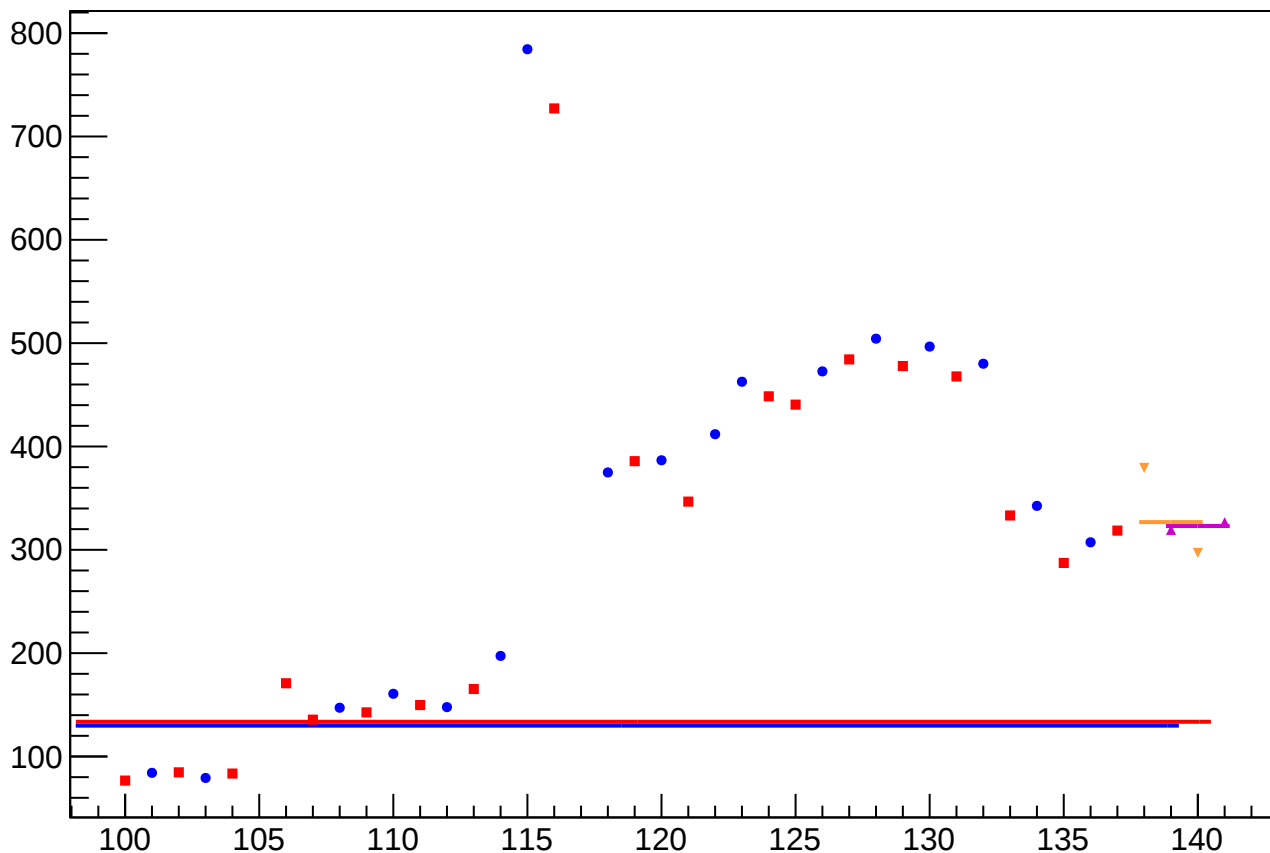
Right: 101.717+/-43.809 χ^2/NDF : 42.9/35

In: 76.619+/-61.258 χ^2/NDF : 24.3/18

Out: 102.798+/-59.324 χ^2/NDF : 24.7/20

All: 90.128+/-42.616 χ^2/NDF : 49.0/39

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 326.830+/-0.189 χ^2/NDF : 43851.2/1

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: 324.852+/-0.130 χ^2/NDF : 44485.1/3

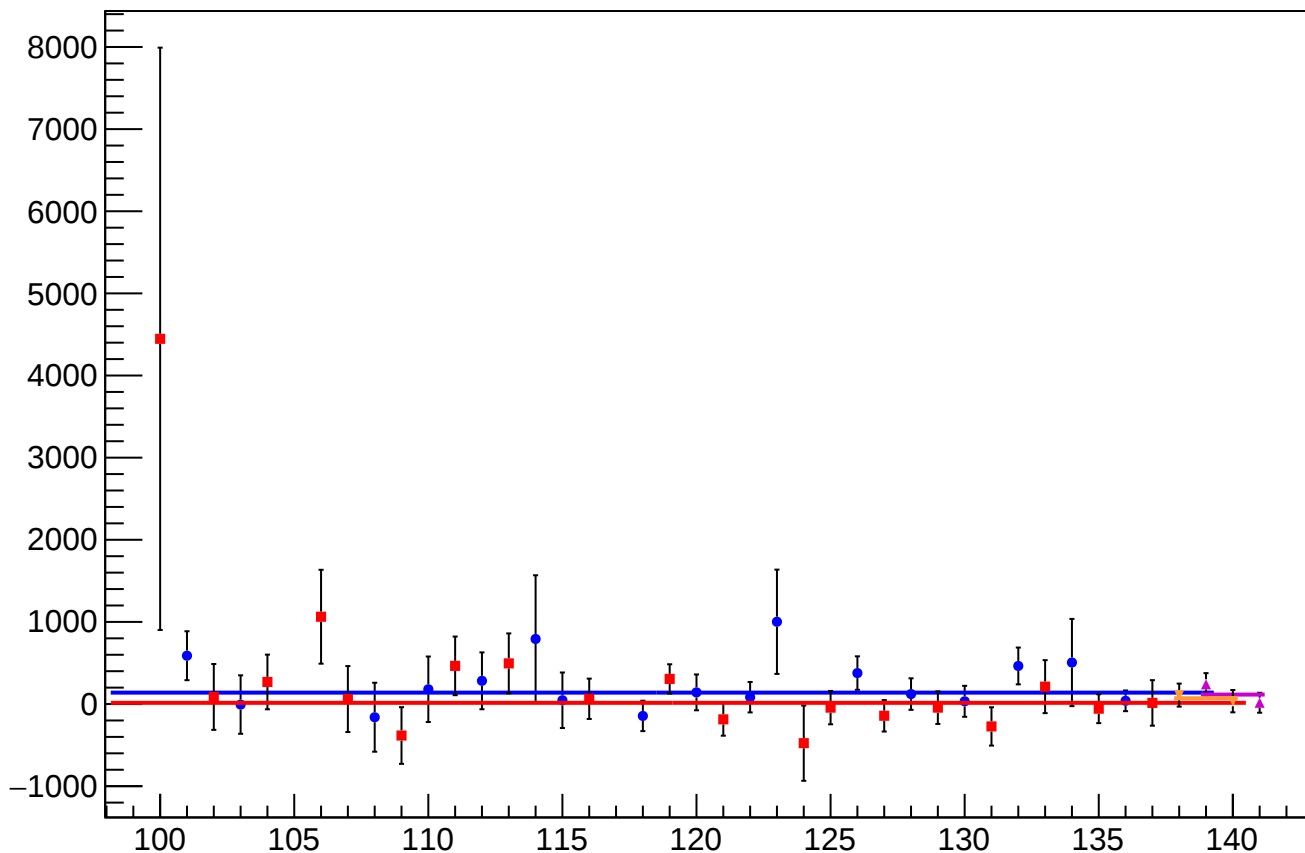
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 141.154+/-0.043 χ^2/NDF : 5922658.8/18

Out: 143.148+/-0.042 χ^2/NDF : 5403476.2/20

All: 142.183+/-0.030 χ^2/NDF : 11327228.5/39

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: 70.840 $\pm$ 97.528 χ^2 /NDF:0.1/1

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: 94.785 $\pm$ 66.371 χ^2 /NDF: 1.8/3

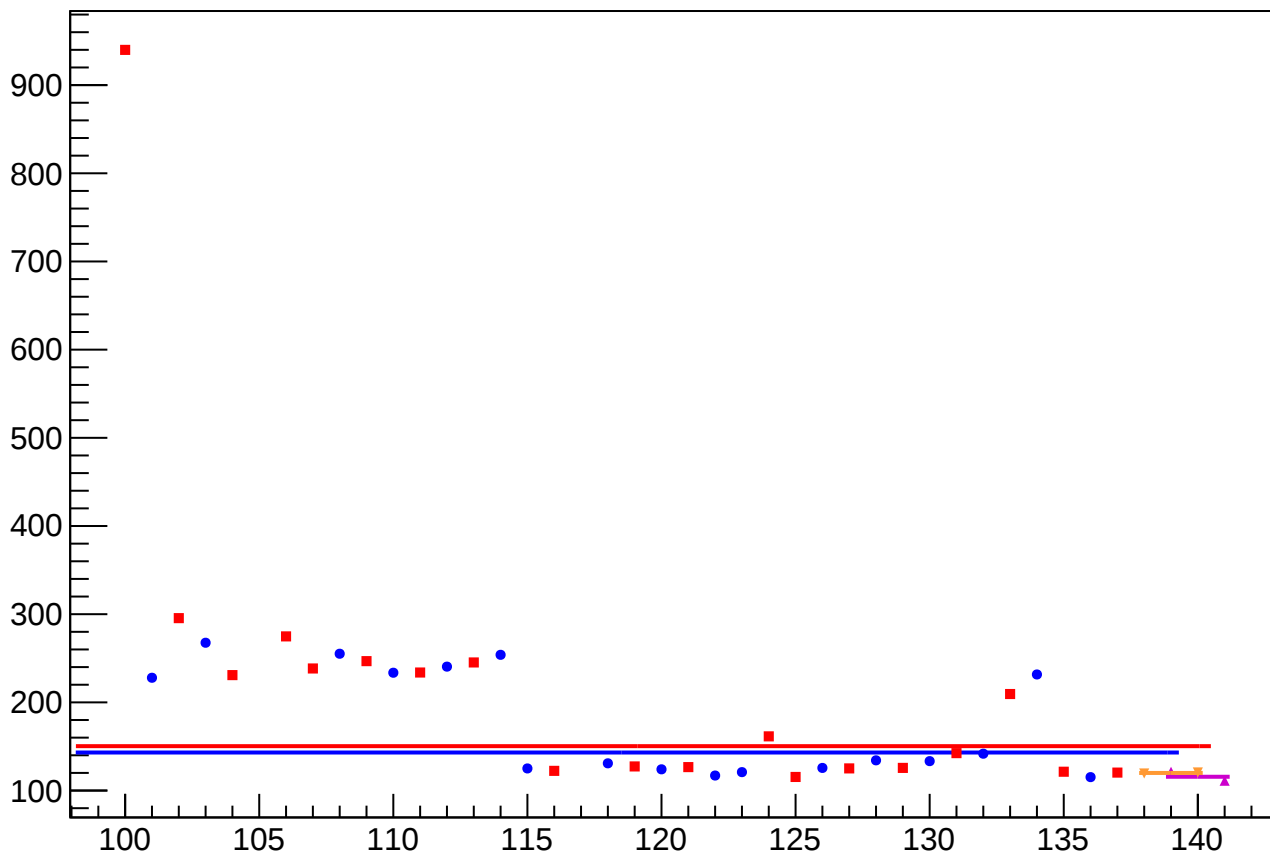
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 132.218 $\pm$ 48.834 χ^2 /NDF:14.7/18

Out: 30.312 $\pm$ 51.177 χ^2 /NDF:18.4/20

All: 83.651 $\pm$ 35.330 χ^2 /NDF: 35.1/39

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140+/-0.041 χ^2/NDF : 1101269.0/16

Left Out: 119.960+/-0.069 χ^2/NDF : 72.2/1

Right Out: 150.336+/-0.043 χ^2/NDF : 1432034.4/18

Left In: 115.638+/-0.064 χ^2/NDF : 6171.7/1

Left: 117.640+/-0.047 χ^2/NDF : 8352.1/3

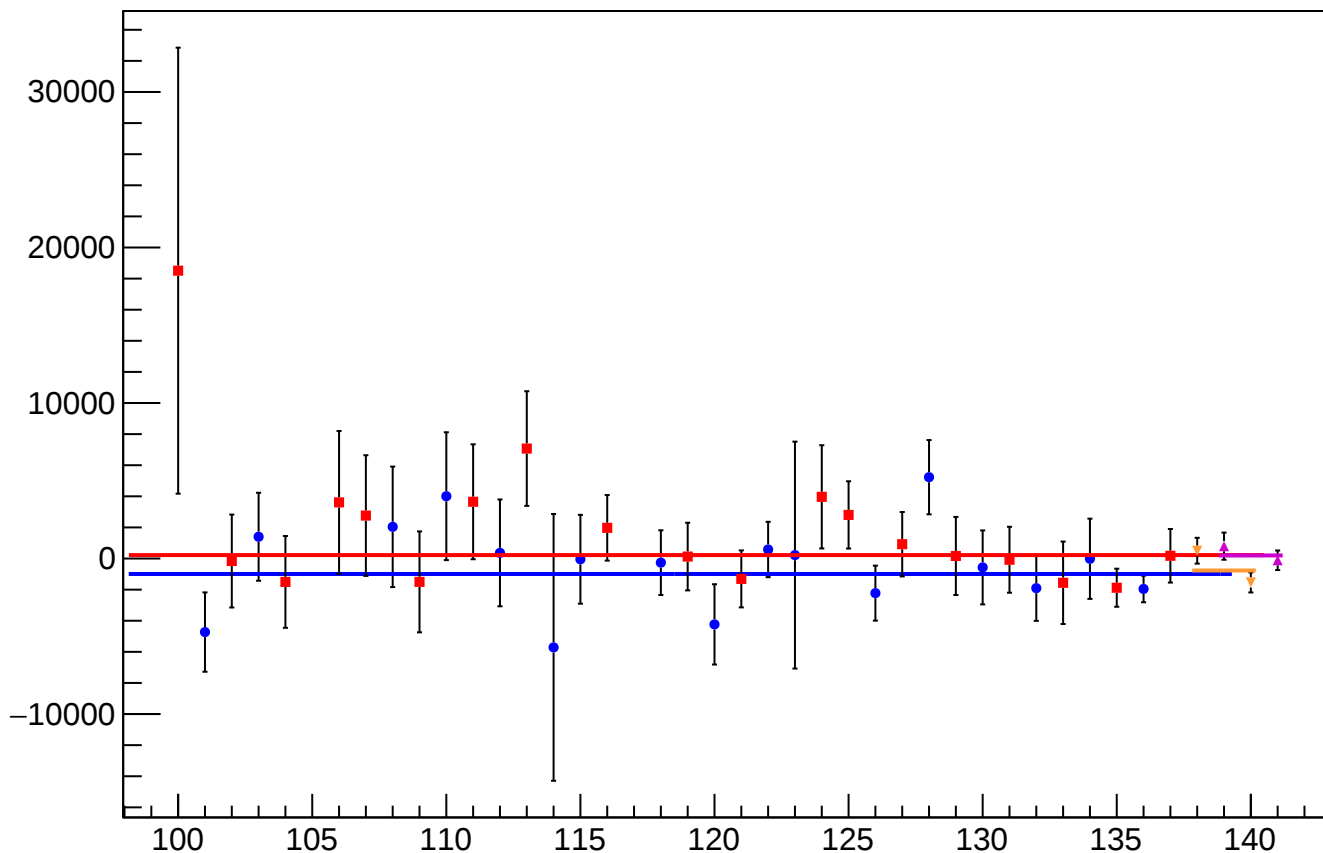
Right: 146.608+/-0.030 χ^2/NDF : 2548152.2/35

In: 135.146+/-0.035 χ^2/NDF : 1238215.8/18

Out: 141.972+/-0.036 χ^2/NDF : 1572703.6/20

All: 138.399+/-0.025 χ^2/NDF : 2829541.9/39

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -768.929+/-508.766 χ^2/NDF : 3.8/1

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: -286.805+/-360.225 χ^2/NDF : 6.3/3

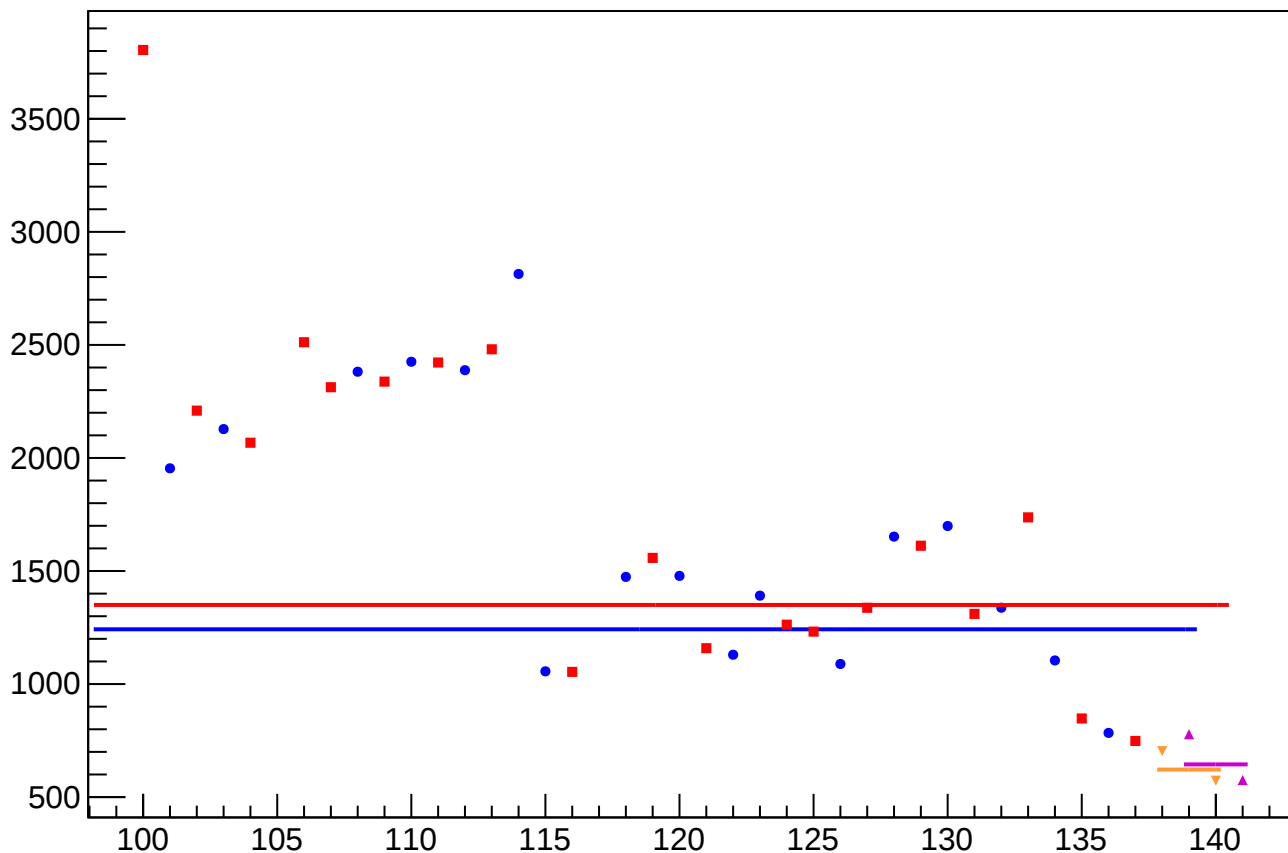
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -390.582+/-362.927 χ^2/NDF : 20.3/18

Out: -306.378+/-371.402 χ^2/NDF : 20.7/20

All: -349.452+/-259.573 χ^2/NDF : 41.1/39

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 621.725+/-0.360 χ^2/NDF : 30963.4/1

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: 633.161+/-0.255 χ^2/NDF : 104127.3/3

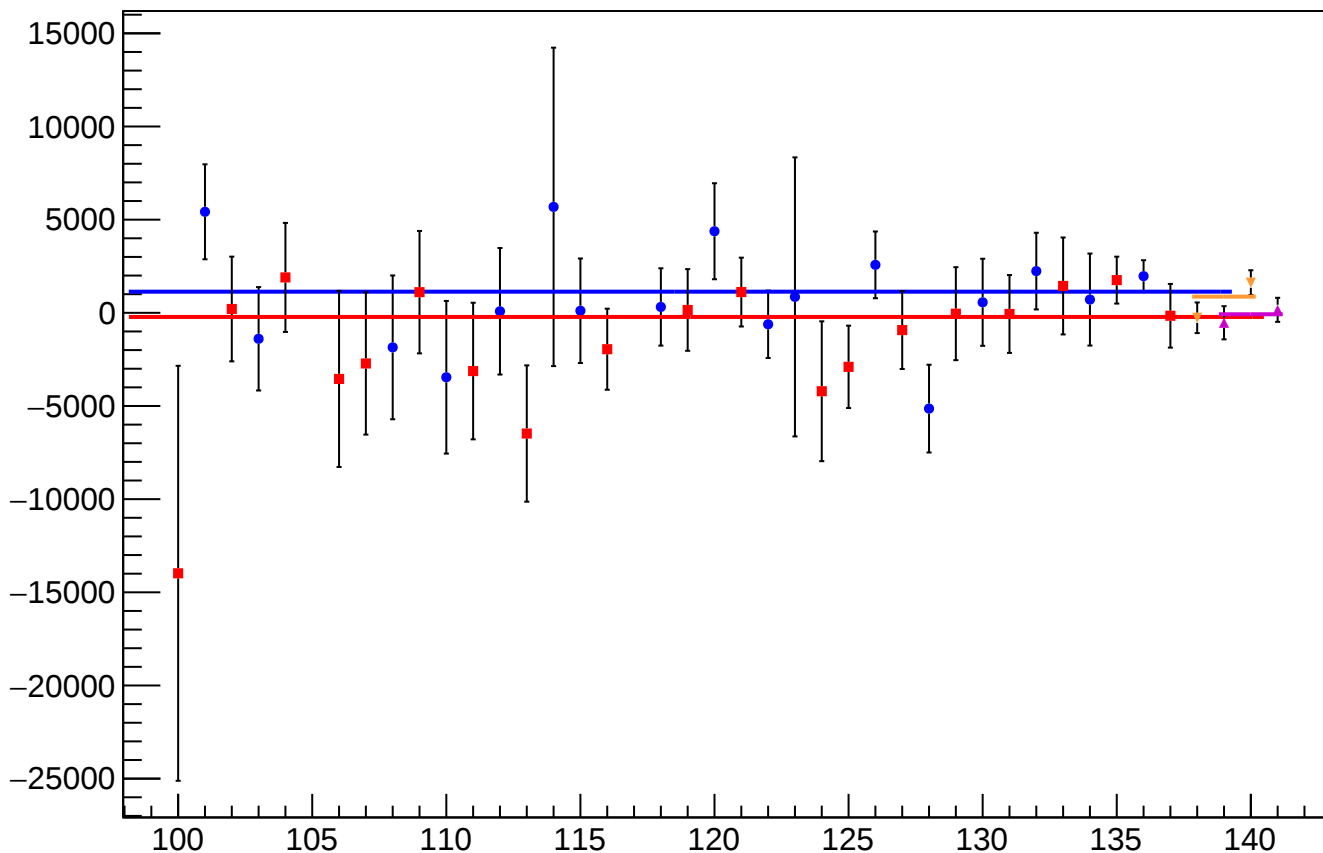
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 939.716+/-0.257 χ^2/NDF : 3193633.0/18

Out: 961.835+/-0.263 χ^2/NDF : 3812327.8/20

All: 950.520+/-0.184 χ^2/NDF : 7009589.5/39

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 869.108+/-518.014 χ^2/NDF : 3.2/1

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: 399.689+/-367.815 χ^2/NDF : 5.2/3

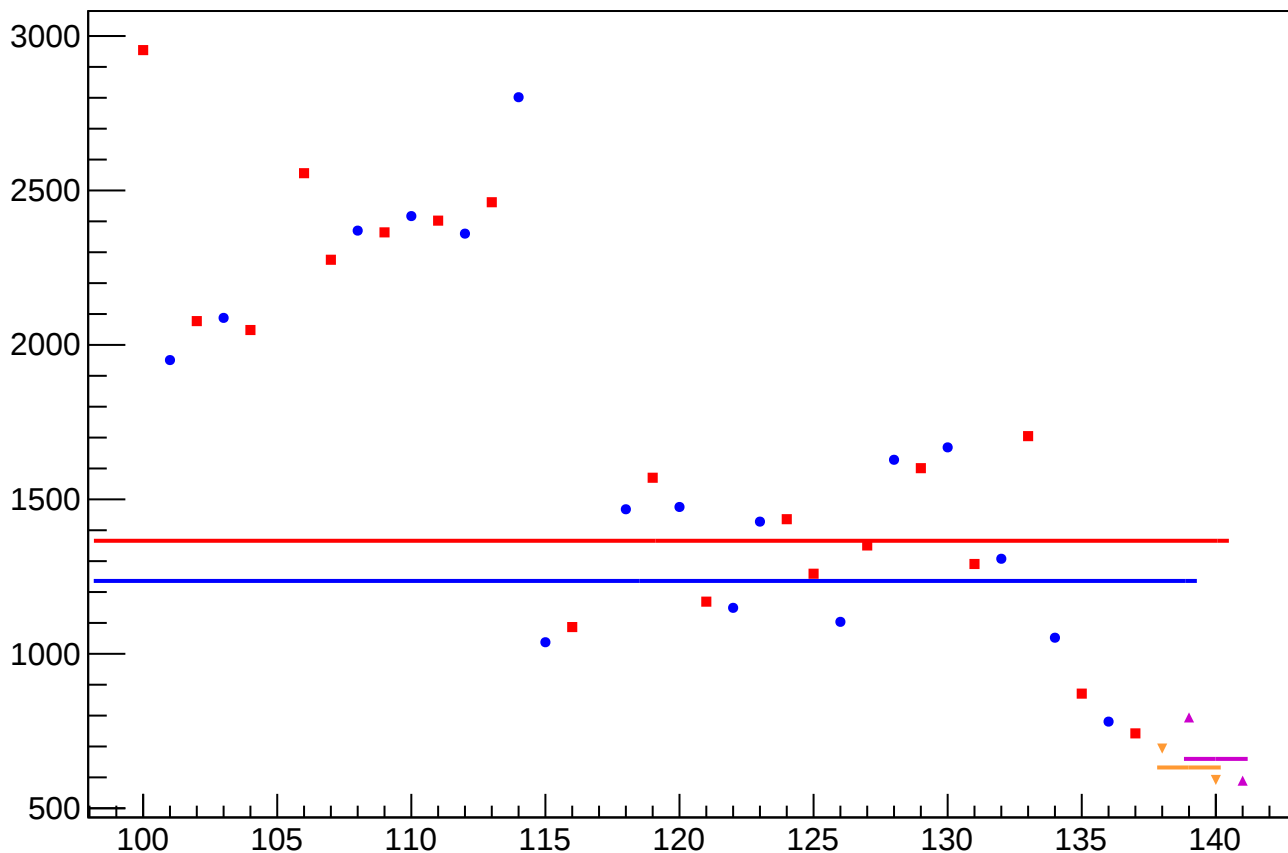
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 538.842+/-366.287 χ^2/NDF : 20.9/18

Out: 354.297+/-376.292 χ^2/NDF : 18.8/20

All: 449.056+/-262.470 χ^2/NDF : 39.8/39

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 632.044 $\pm$ 0.366 χ^2 /NDF:18406.4/1

Right Out: 1365.941 $\pm$ 0.387 χ^2 /NDF: 1750044.7/18

Left In: 659.818 $\pm$ 0.369 χ^2 /NDF:69328.8/1

Left: 645.815 $\pm$ 0.260 χ^2 /NDF: 90586.0/3

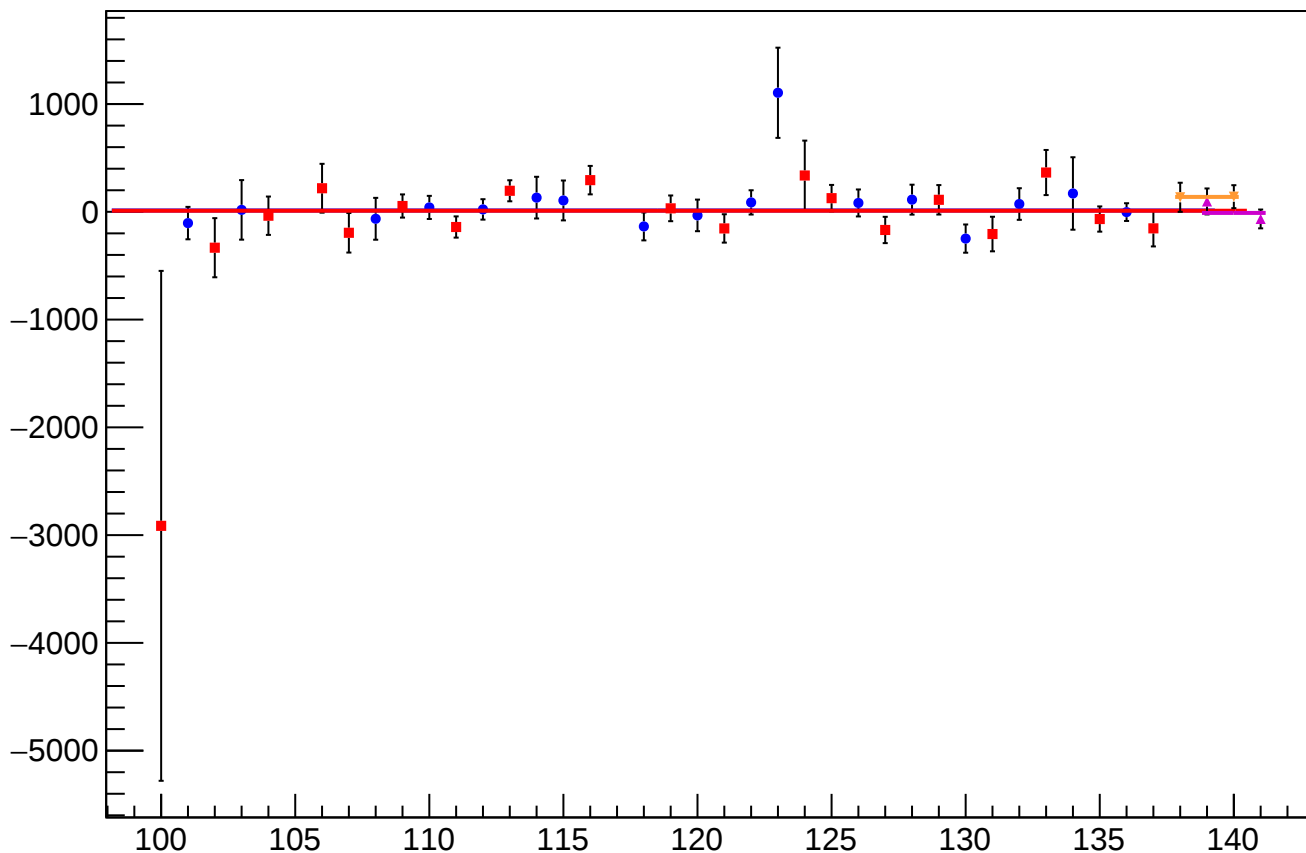
Right: 1296.809 $\pm$ 0.265 χ^2 /NDF: 3555718.8/35

In: 952.649 $\pm$ 0.259 χ^2 /NDF:3051664.7/18

Out: 978.680 $\pm$ 0.266 χ^2 /NDF:3664530.1/20

All: 965.314 $\pm$ 0.186 χ^2 /NDF: 6721109.1/39

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 138.292+/-83.637 χ^2/NDF : 0.0/1

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: 51.686+/-54.011 χ^2/NDF : 3.0/3

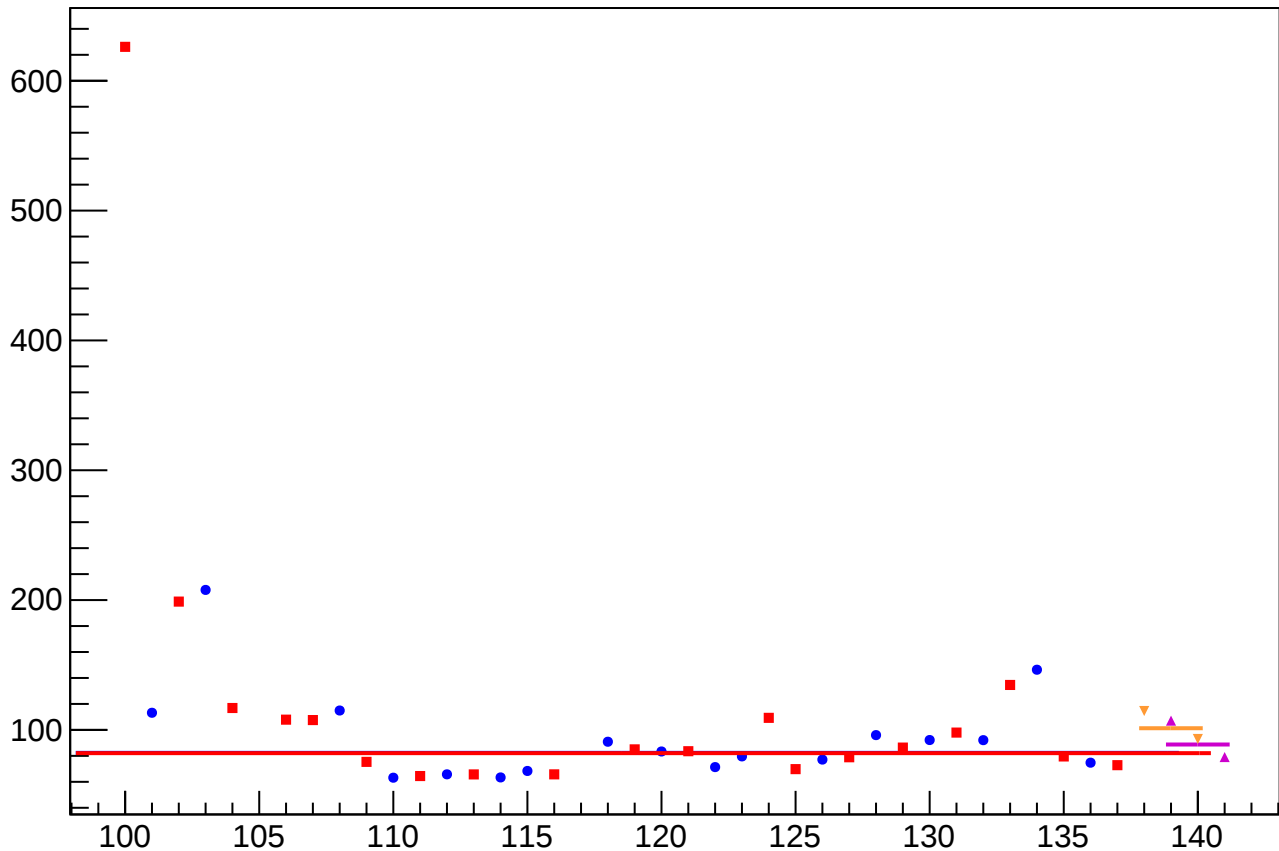
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 8.228+/-30.075 χ^2/NDF : 16.6/18

Out: 26.954+/-30.376 χ^2/NDF : 30.3/20

All: 17.498+/-21.372 χ^2/NDF : 47.1/39

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: 101.283 $\pm$ 0.059 χ^2 /NDF: 31380.1/1

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: 93.975 $\pm$ 0.038 χ^2 /NDF: 128510.9/3

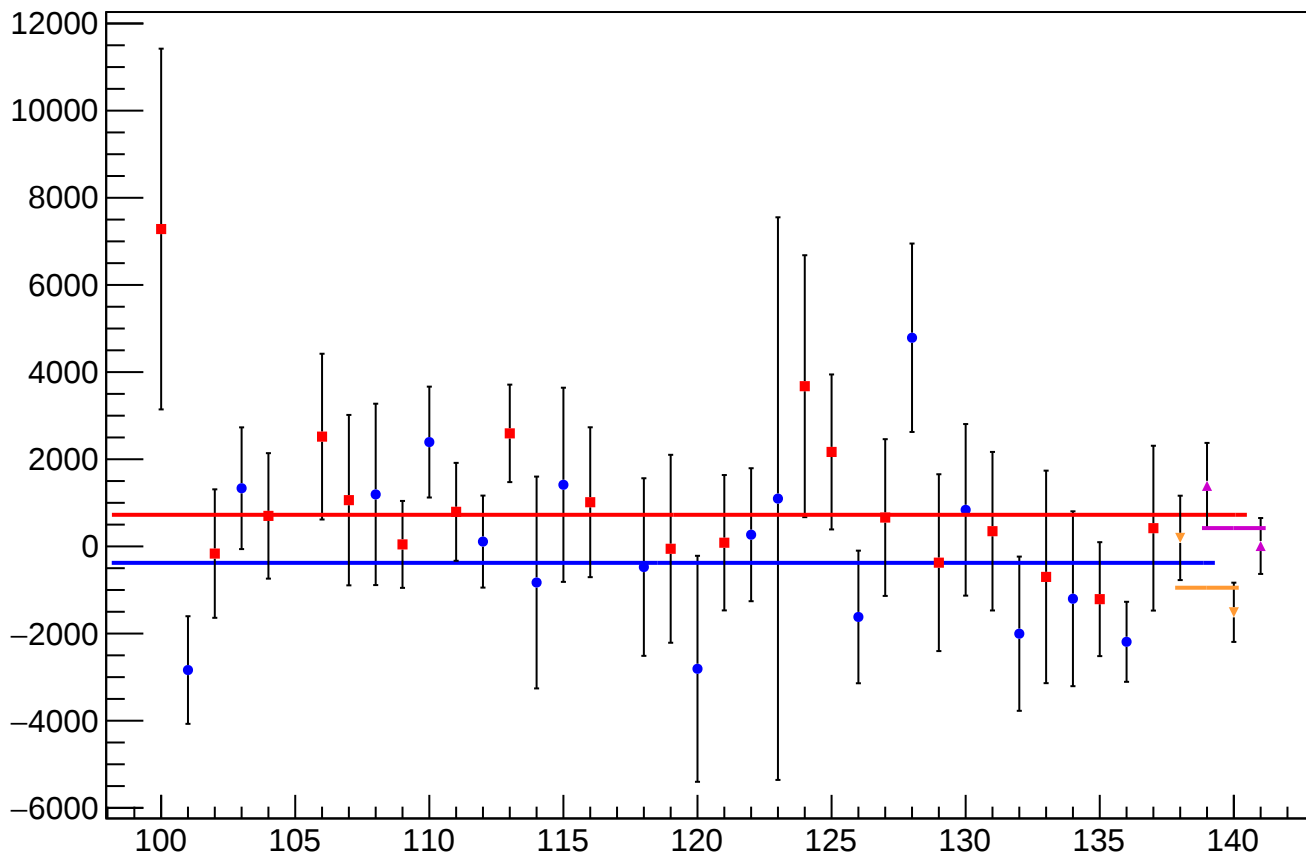
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 83.470 $\pm$ 0.021 χ^2 /NDF: 953262.8/18

Out: 84.622 $\pm$ 0.021 χ^2 /NDF: 1081808.1/20

All: 84.040 $\pm$ 0.015 χ^2 /NDF: 2036524.1/39

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -948.150+/-556.310 χ^2/NDF : 2.1/1

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: -240.704+/-386.637 χ^2/NDF : 6.6/3

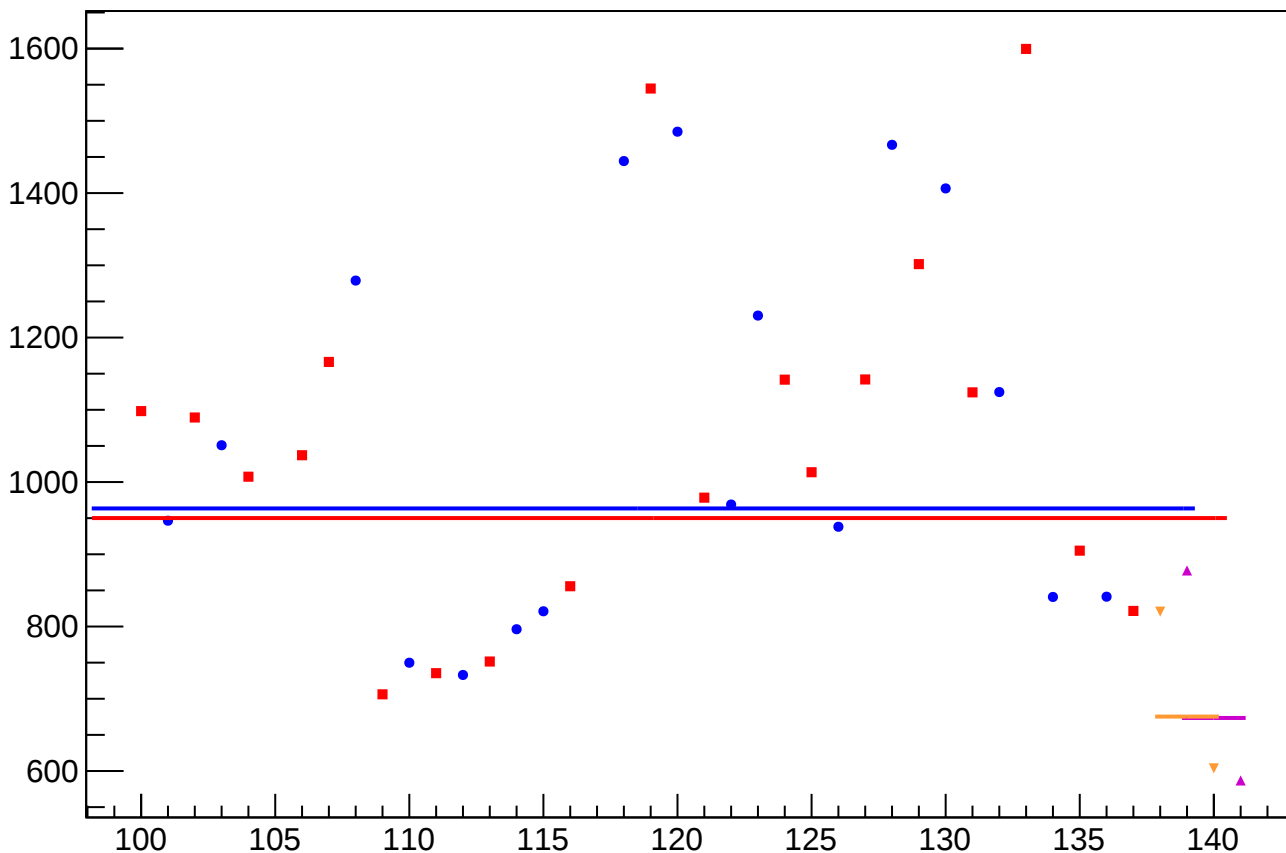
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -108.050+/-312.445 χ^2/NDF : 27.3/18

Out: 217.452+/-306.442 χ^2/NDF : 20.3/20

All: 57.858+/-218.779 χ^2/NDF : 48.1/39

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 675.335+/-0.393 χ^2/NDF : 67262.0/1

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: 674.345+/-0.273 χ^2/NDF : 189462.2/3

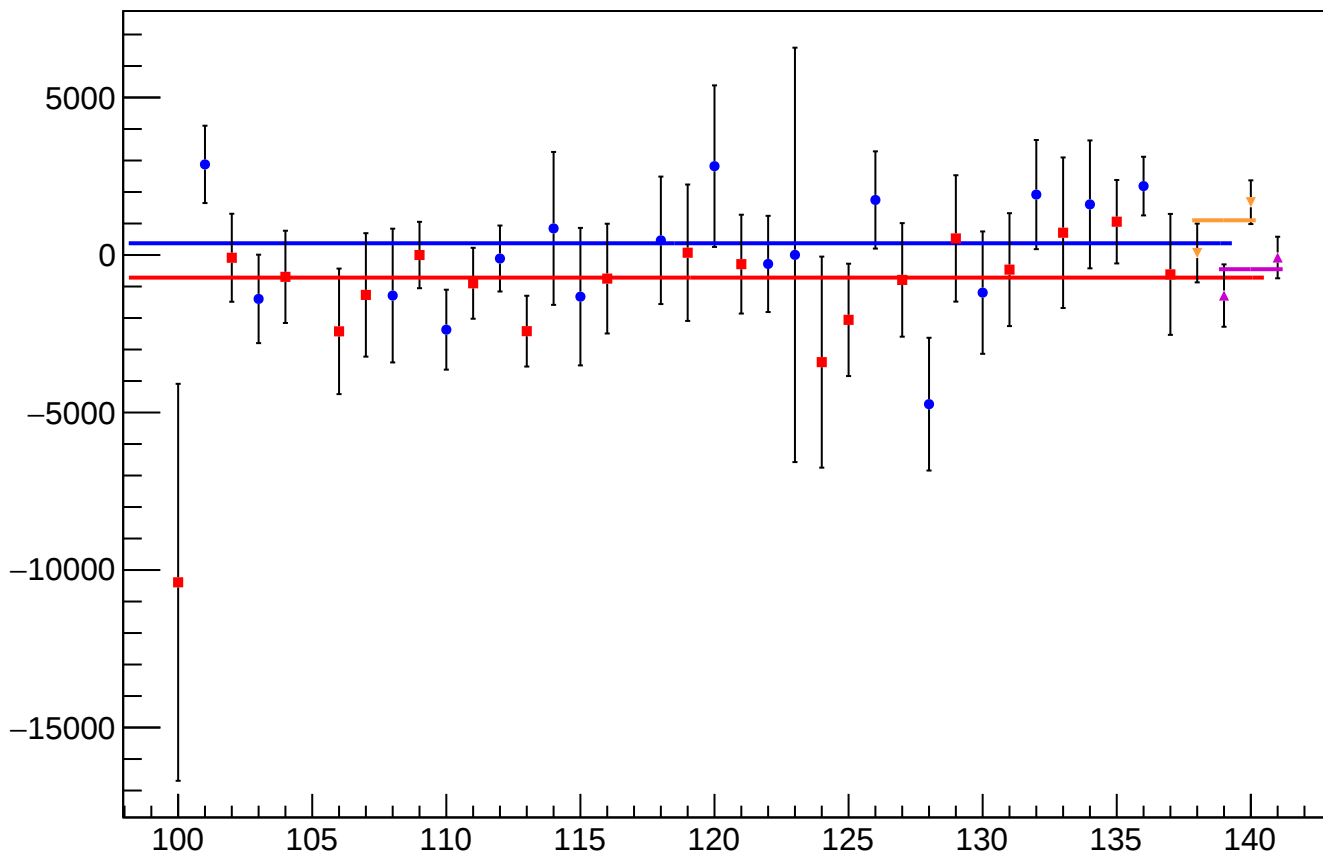
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 865.547+/-0.221 χ^2/NDF : 1196499.0/18

Out: 866.742+/-0.217 χ^2/NDF : 1139120.0/20

All: 866.156+/-0.155 χ^2/NDF : 2335633.9/39

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 1102.463 $\pm$ 556.872 χ^2 /NDF:1.9/1

Right Out: -717.404 $\pm$ 371.769 χ^2 /NDF: 10.1/18

Left In: -450.741 $\pm$ 548.907 χ^2 /NDF:1.0/1

Left: 314.675 $\pm$ 390.922 χ^2 /NDF: 6.9/3

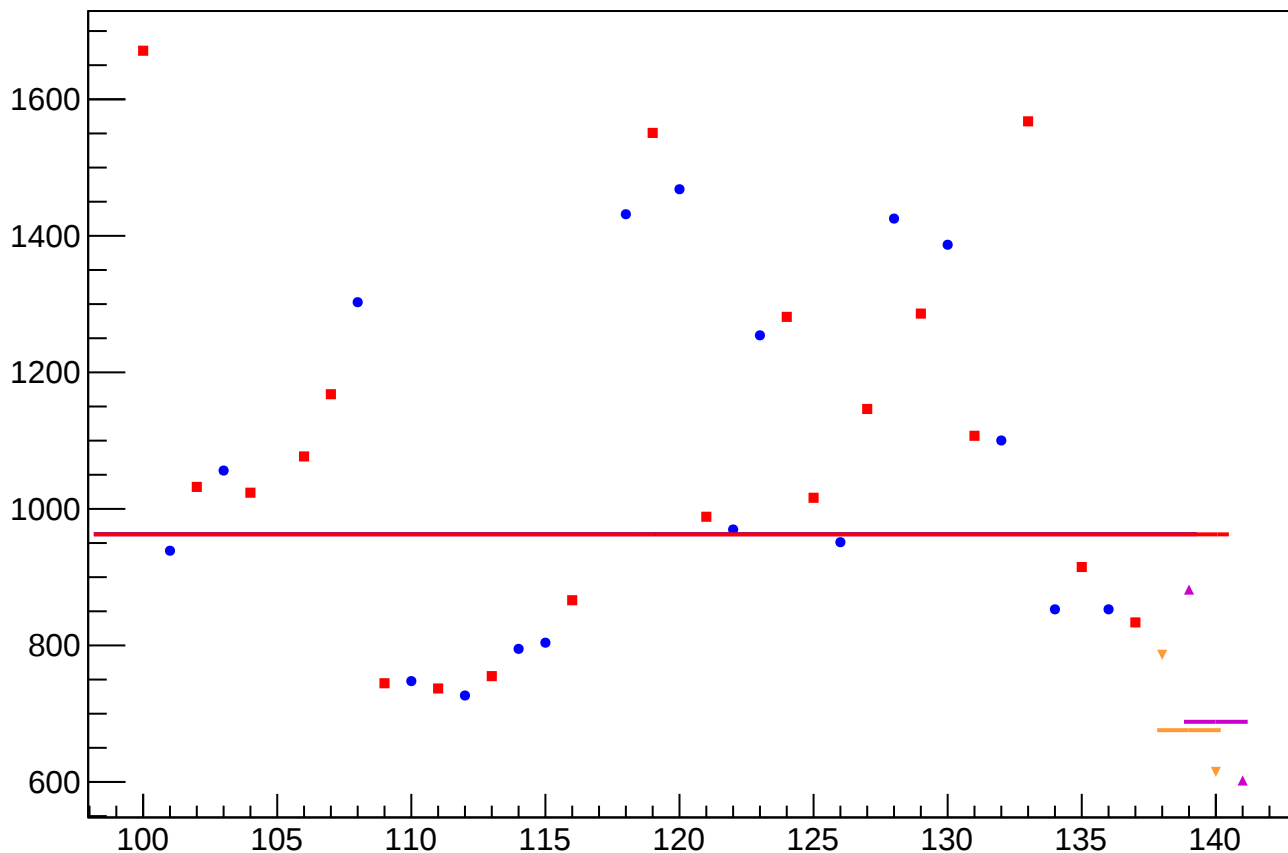
Right: -189.414 $\pm$ 266.986 χ^2 /NDF: 39.6/35

In: 102.579 $\pm$ 314.462 χ^2 /NDF:27.8/18

Out: -156.357 $\pm$ 309.197 χ^2 /NDF:19.4/20

All: -29.075 $\pm$ 220.473 χ^2 /NDF: 47.6/39

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 675.836 $\pm$ 0.394 χ^2 /NDF: 43500.4/1

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 688.107 $\pm$ 0.388 χ^2 /NDF: 110495.6/1

Left: 682.060 $\pm$ 0.276 χ^2 /NDF: 154488.6/3

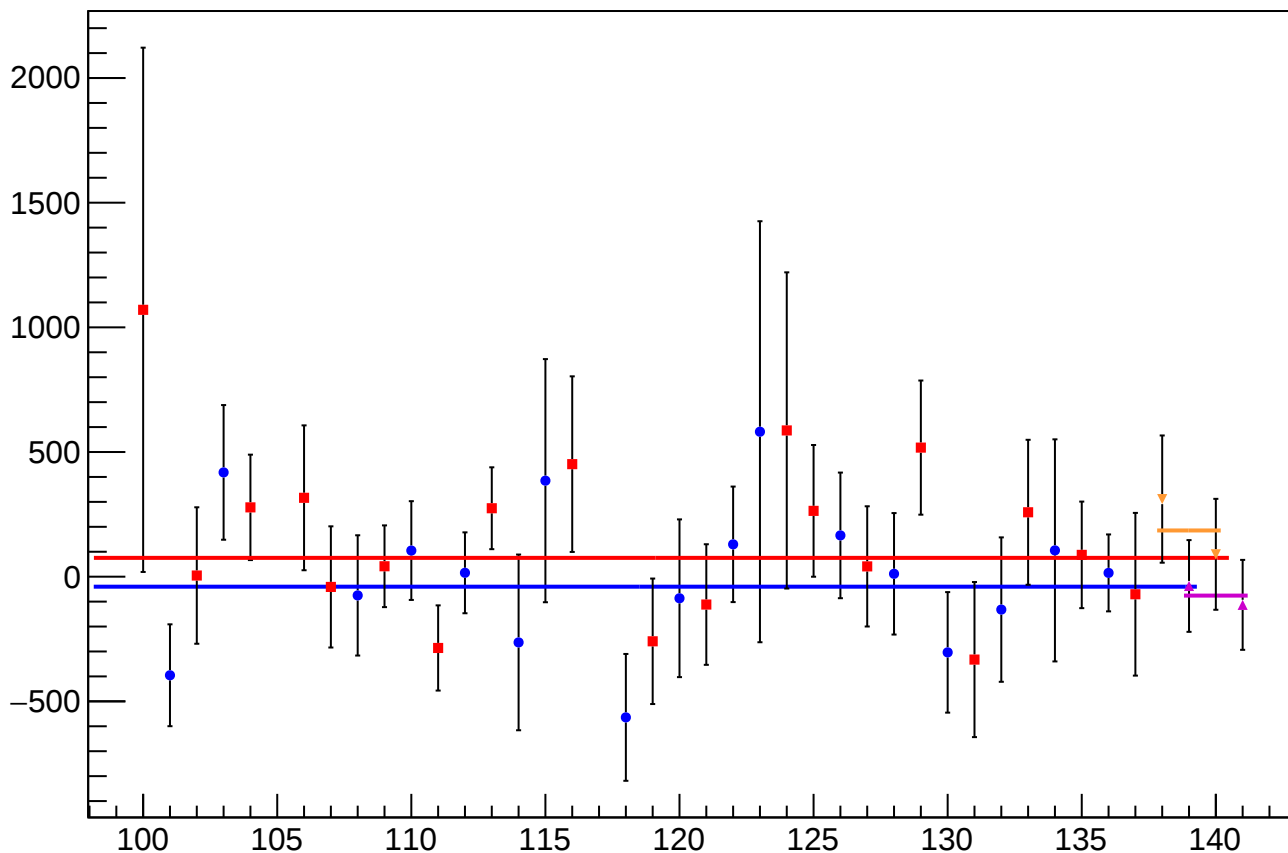
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 872.761 $\pm$ 0.222 χ^2 /NDF: 1114920.3/18

Out: 874.258 $\pm$ 0.219 χ^2 /NDF: 1106975.7/20

All: 873.522 $\pm$ 0.156 χ^2 /NDF: 2221919.1/39

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 185.357 ± 167.674 χ^2/NDF : 0.4/1

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: 21.052 ± 102.141 χ^2/NDF : 2.0/3

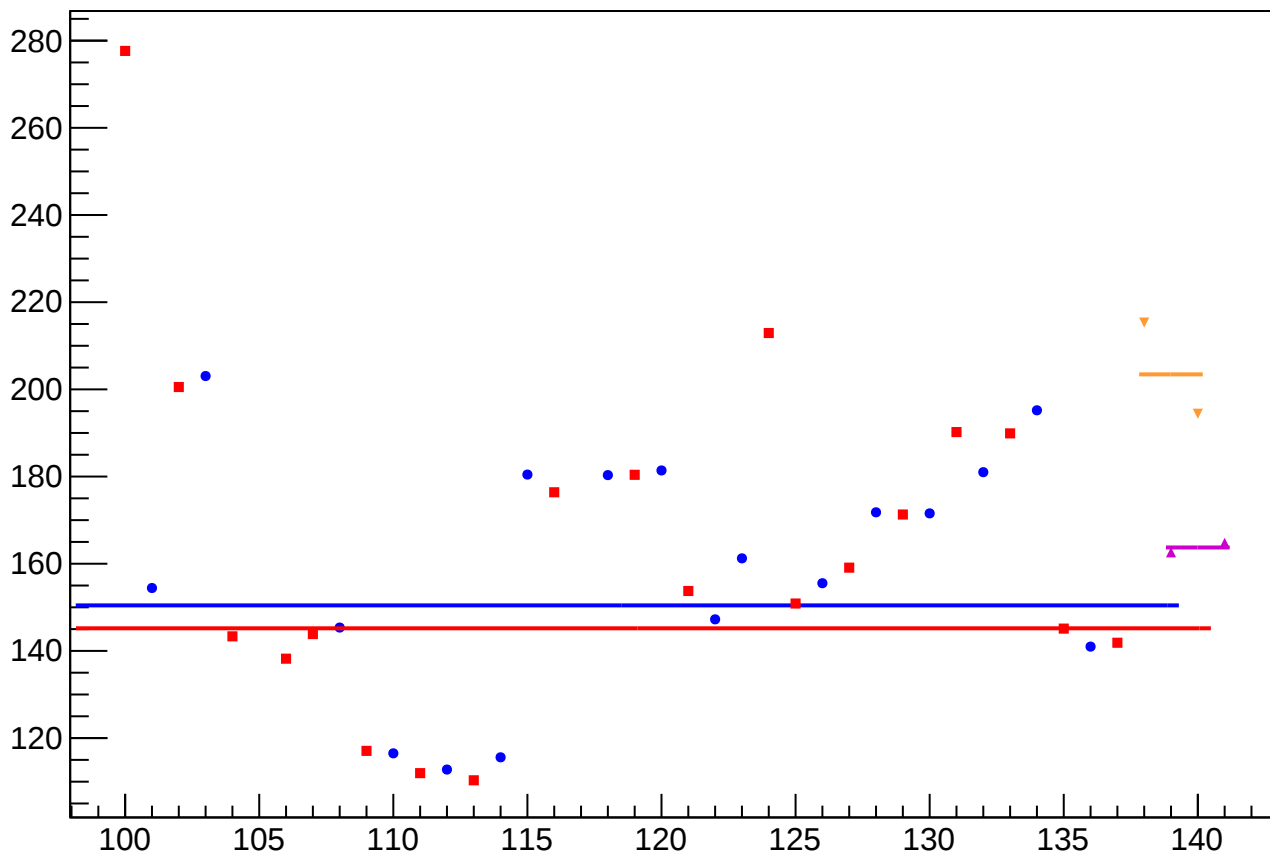
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: -46.371 ± 53.832 χ^2/NDF : 15.5/18

Out: 86.571 ± 53.315 χ^2/NDF : 19.3/20

All: 20.742 ± 37.881 χ^2/NDF : 37.9/39

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: 203.442 $\pm$ 0.119 χ^2 /NDF: 7631.5/1

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: 178.464 $\pm$ 0.072 χ^2 /NDF: 78344.3/3

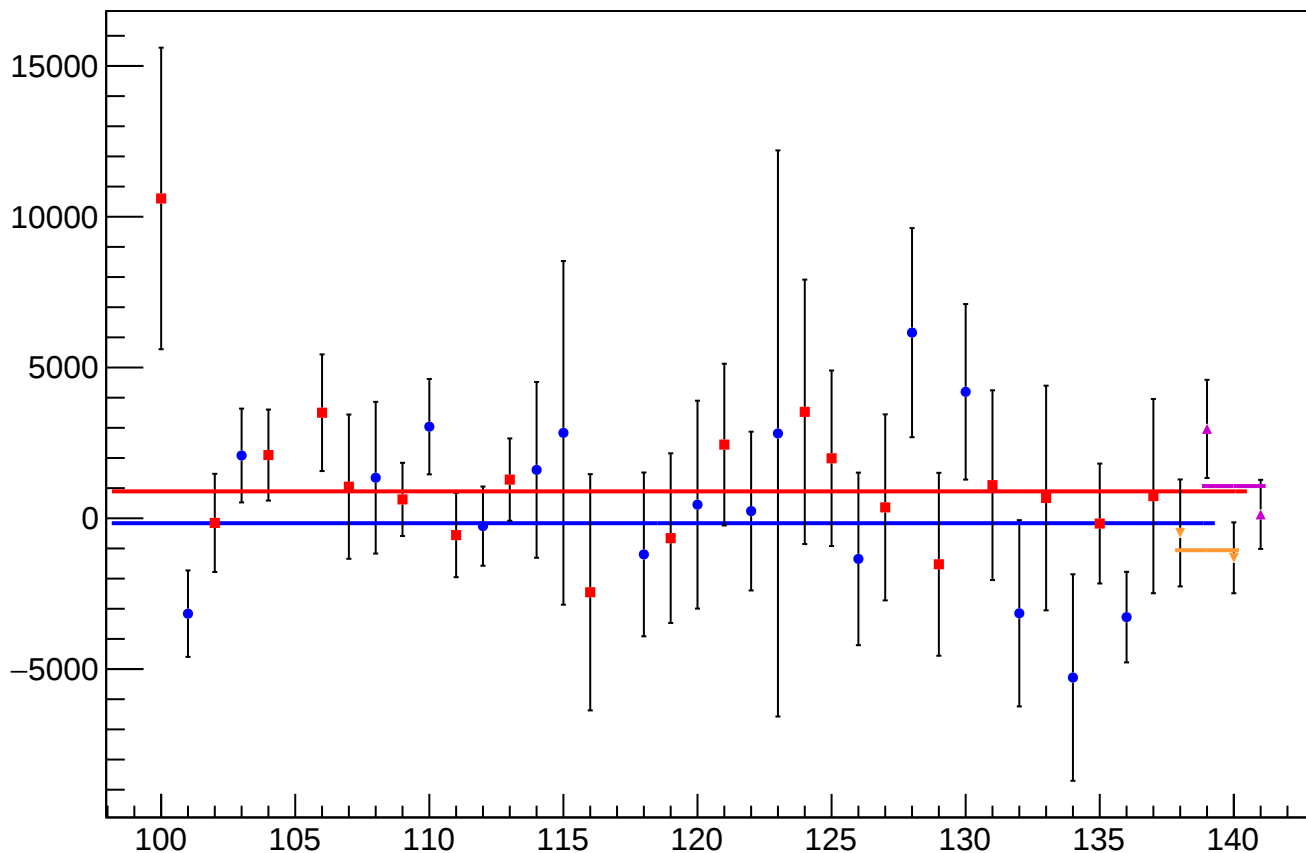
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 152.762 $\pm$ 0.038 χ^2 /NDF: 417824.7/18

Out: 151.077 $\pm$ 0.038 χ^2 /NDF: 760336.4/20

All: 151.911 $\pm$ 0.027 χ^2 /NDF: 1179151.1/39

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -1058.572+/-979.781 χ^2/NDF : 0.2/1

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: 53.070+/-677.044 χ^2/NDF : 4.6/3

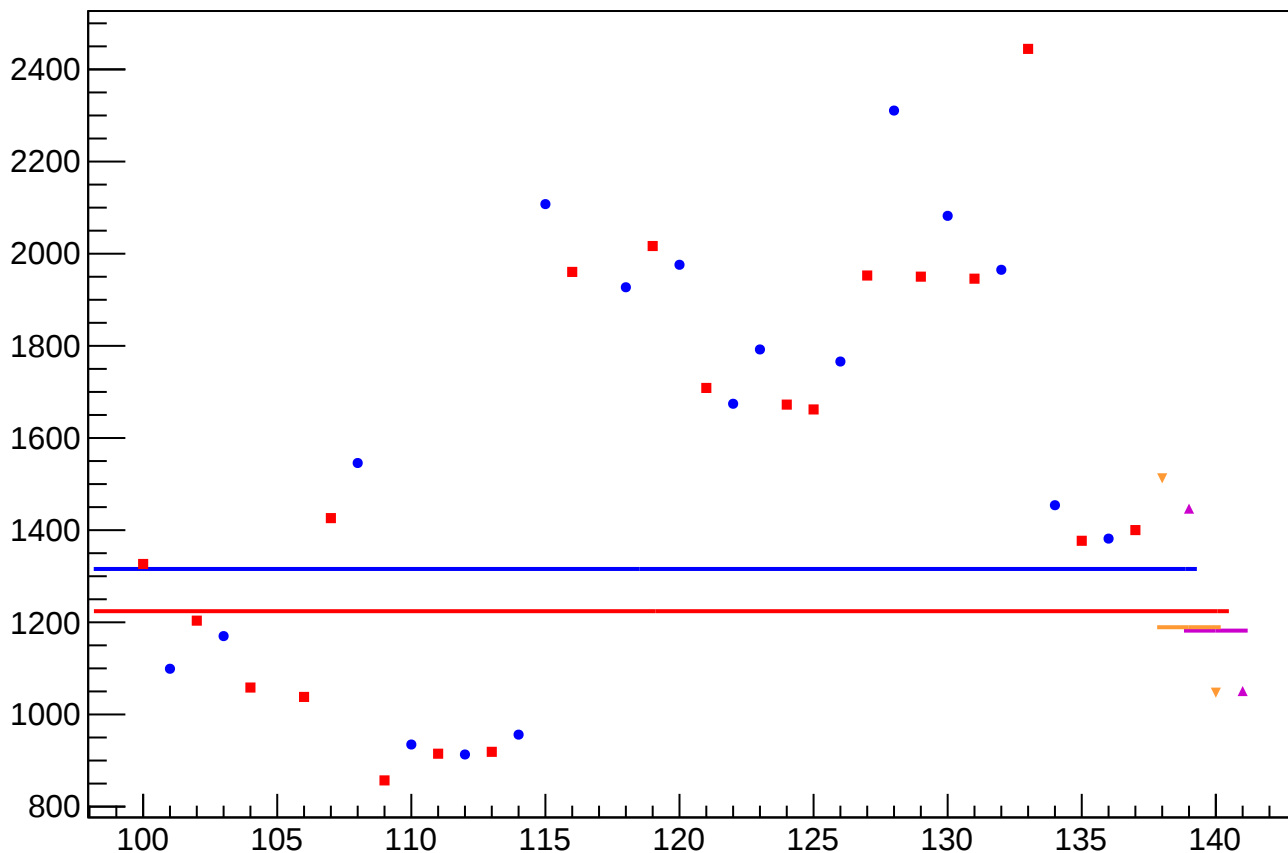
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 138.643+/-463.355 χ^2/NDF : 28.4/18

Out: 509.886+/-434.173 χ^2/NDF : 14.0/20

All: 336.322+/-316.821 χ^2/NDF : 42.8/39

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: 1189.335 $\pm$ 0.693 χ^2/NDF : 95651.6/1

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: 1185.491 $\pm$ 0.479 χ^2/NDF : 174879.6/3

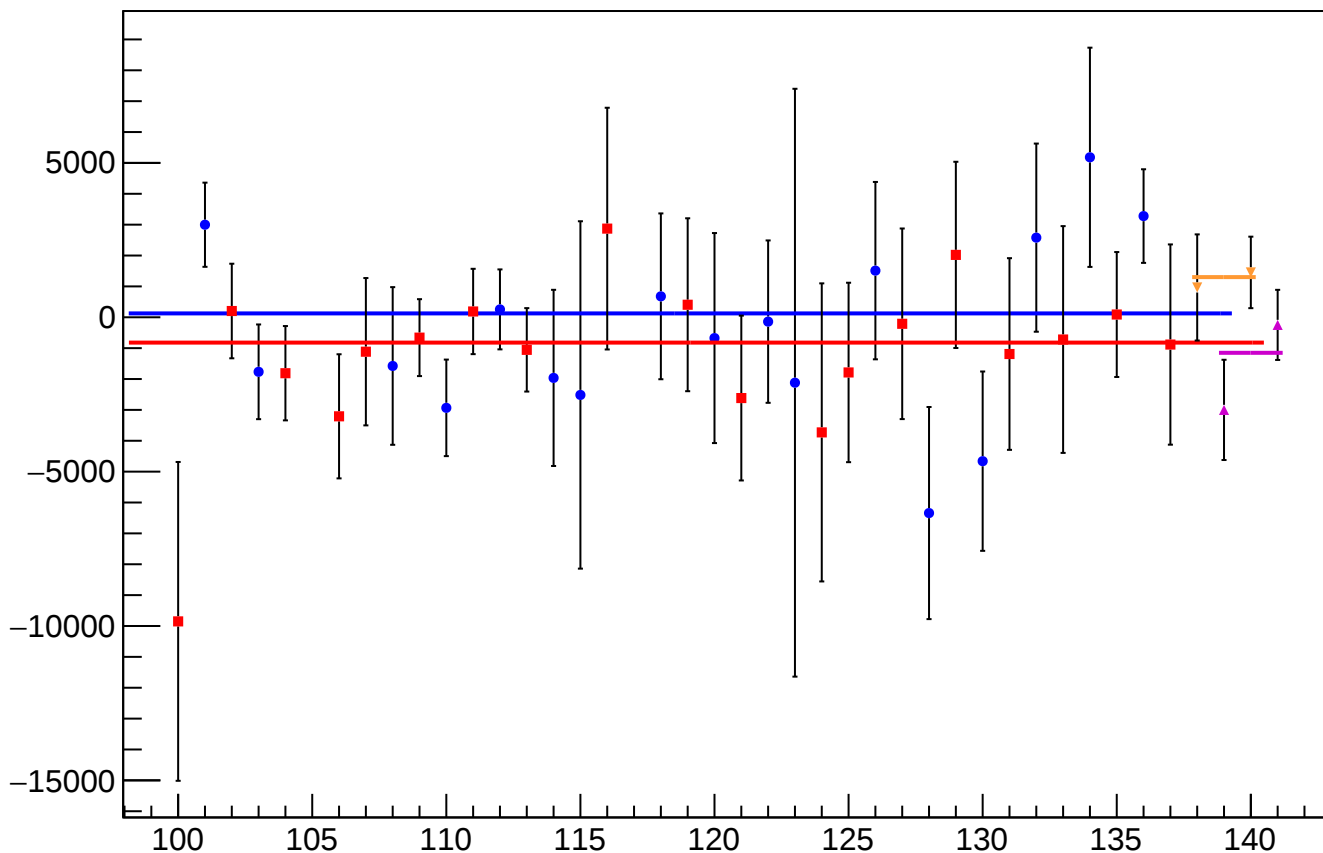
Right: 1265.578 $\pm$ 0.253 χ^2/NDF : 2514618.3/35

In: 1283.039 $\pm$ 0.328 χ^2/NDF : 1228343.1/18

Out: 1217.313 $\pm$ 0.307 χ^2/NDF : 1461583.5/20

All: 1248.041 $\pm$ 0.224 χ^2/NDF : 2711354.6/39

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1301.182 $\pm$ 960.368 χ^2 /NDF:0.1/1

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: 36.228 $\pm$ 668.258 χ^2 /NDF: 5.4/3

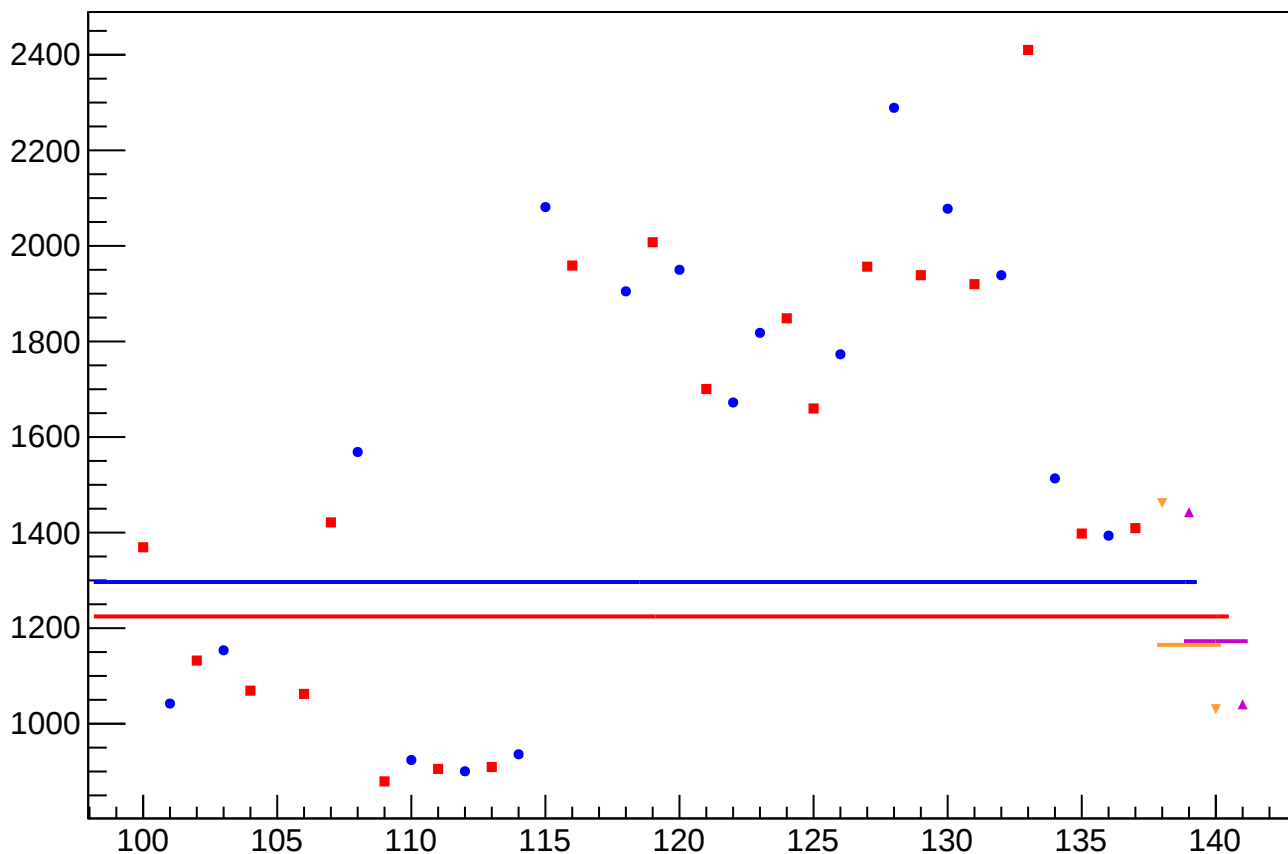
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -184.492 $\pm$ 458.426 χ^2 /NDF:28.0/18

Out: -389.602 $\pm$ 432.683 χ^2 /NDF:13.0/20

All: -292.968 $\pm$ 314.660 χ^2 /NDF: 41.1/39

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1164.980+/-0.679 χ^2/NDF : 86681.2/1

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1172.744+/-0.658 χ^2/NDF : 82357.7/1

Left: 1168.985+/-0.473 χ^2/NDF : 169106.3/3

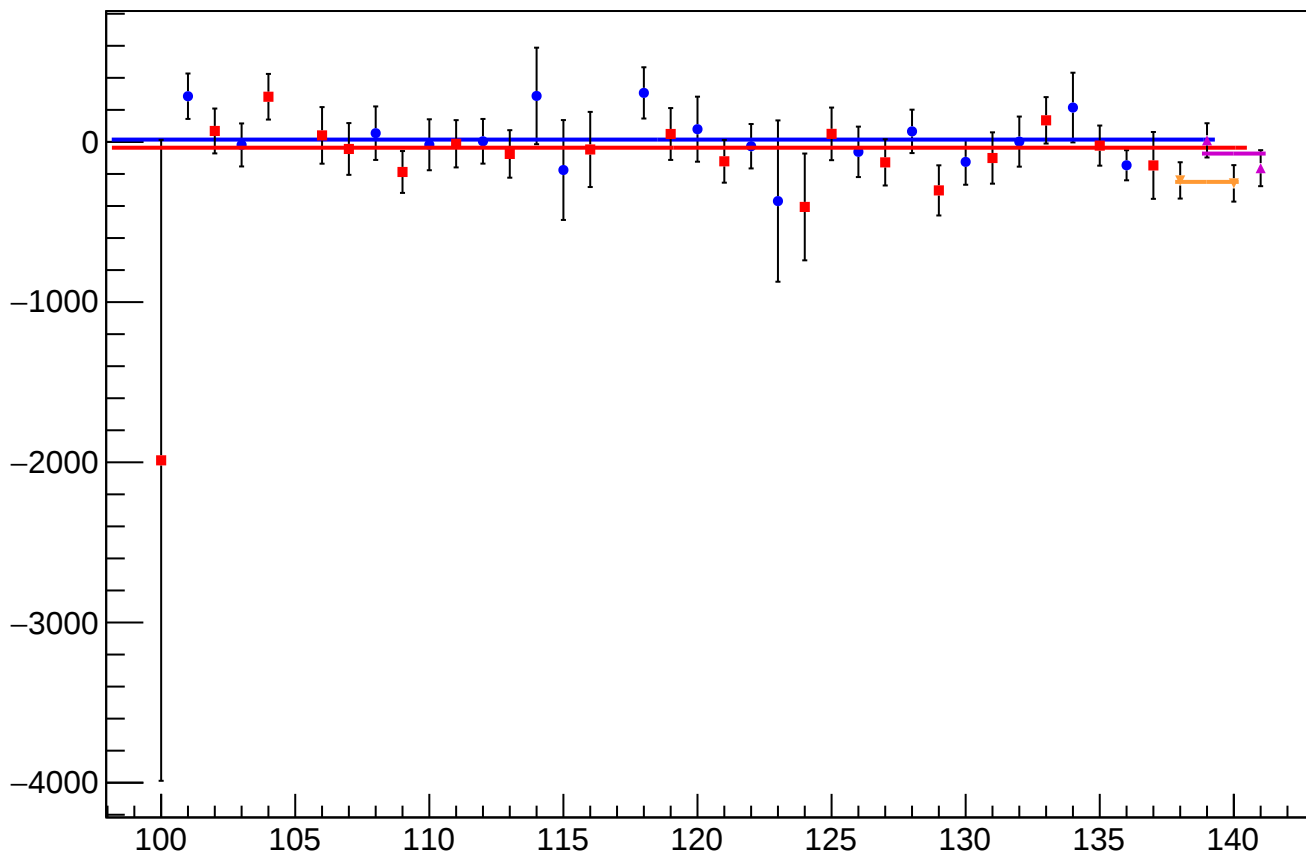
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1266.515+/-0.324 χ^2/NDF : 1284647.1/18

Out: 1212.467+/-0.306 χ^2/NDF : 1441090.9/20

All: 1237.931+/-0.222 χ^2/NDF : 2740440.7/39

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 χ^2/NDF : 14.2/16

Left Out: -249.494 ± 80.364 χ^2/NDF : 0.0/1

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: -157.844 ± 55.768 χ^2/NDF : 3.8/3

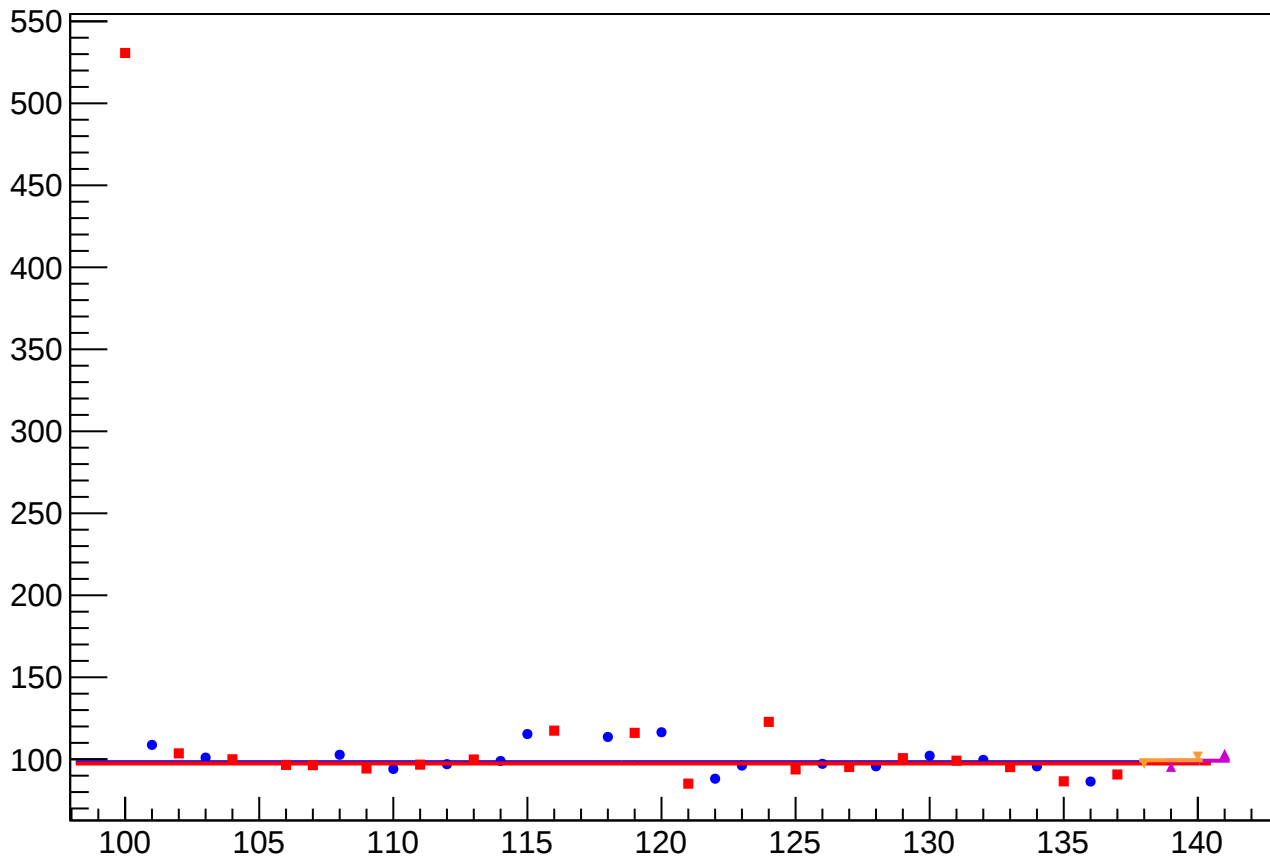
Right: -11.656 ± 26.412 χ^2/NDF : 30.6/35

In: -2.370 ± 34.127 χ^2/NDF : 16.5/18

Out: -72.986 ± 33.400 χ^2/NDF : 21.3/20

All: -38.439 ± 23.870 χ^2/NDF : 40.0/39

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 99.397+/-0.057 χ^2/NDF :1493.5/1

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: 99.261+/-0.039 χ^2/NDF : 6618.6/3

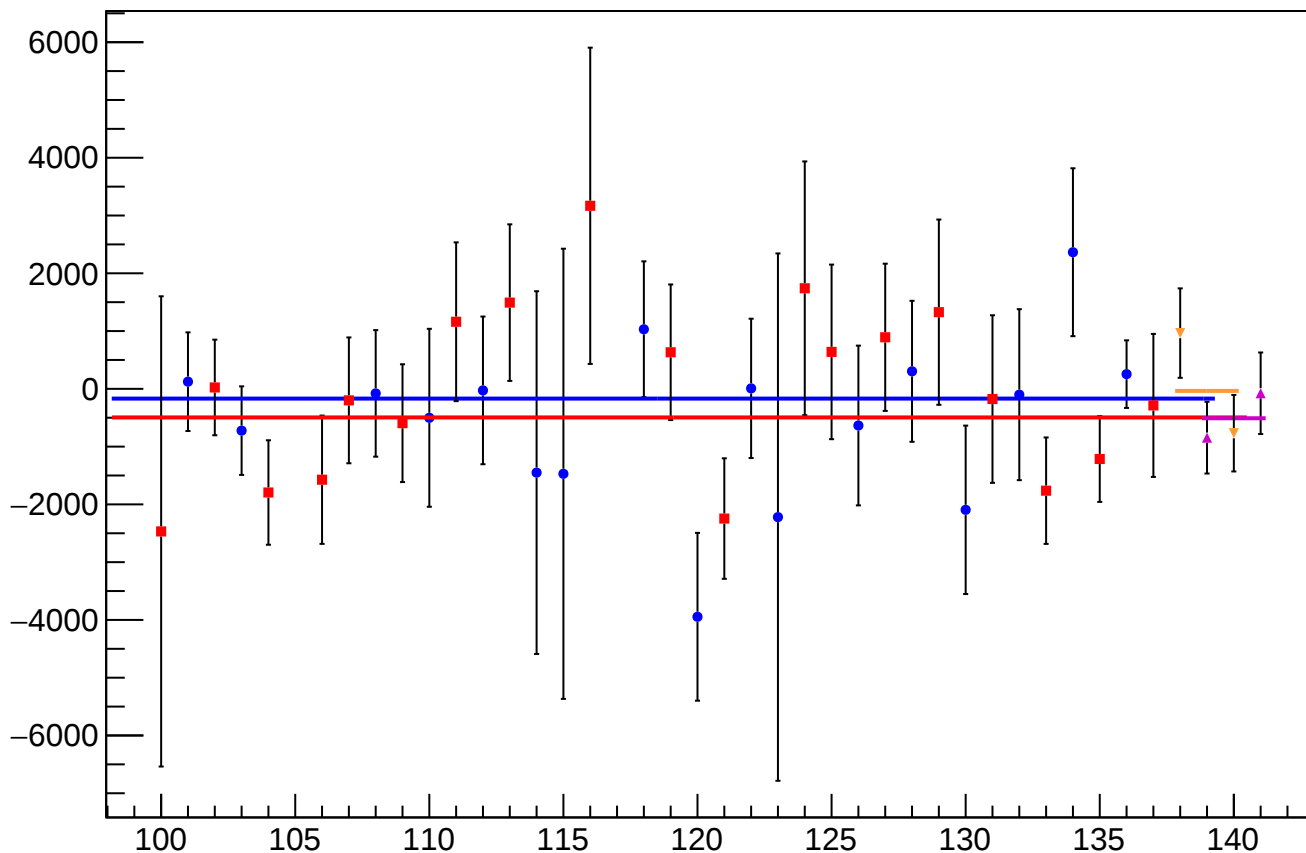
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 98.397+/-0.024 χ^2/NDF :105849.2/18

Out: 97.775+/-0.024 χ^2/NDF :192545.2/20

All: 98.079+/-0.017 χ^2/NDF : 298733.3/39

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: -35.818 ± 503.150 χ^2/NDF : 2.9/1

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: -290.569 ± 341.969 χ^2/NDF : 4.0/3

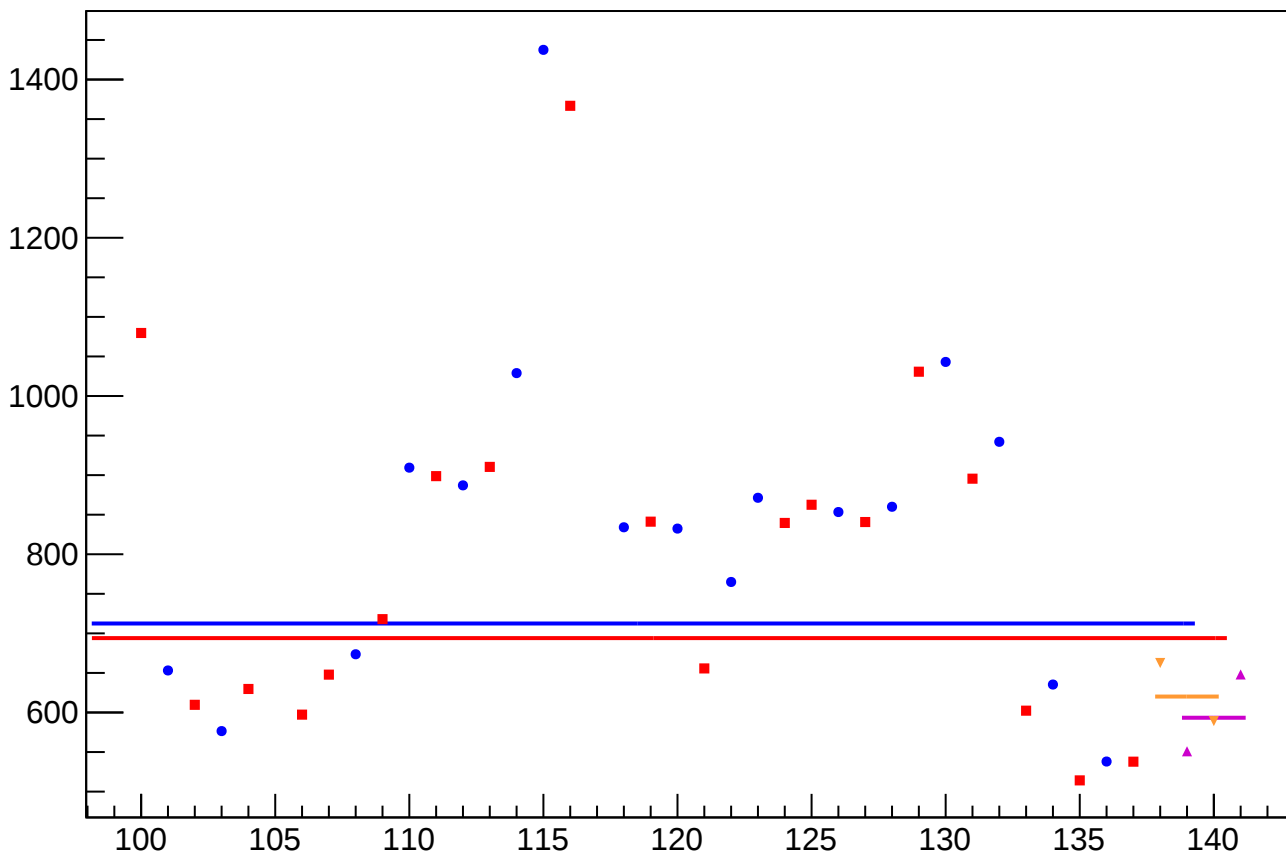
Right: -340.578 ± 194.106 χ^2/NDF : 35.1/35

In: -260.092 ± 241.402 χ^2/NDF : 15.6/18

Out: -393.751 ± 236.146 χ^2/NDF : 23.4/20

All: -328.392 ± 168.808 χ^2/NDF : 39.2/39

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 620.144+/-0.356 χ^2/NDF :10401.5/1

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: 605.732+/-0.242 χ^2/NDF : 34797.7/3

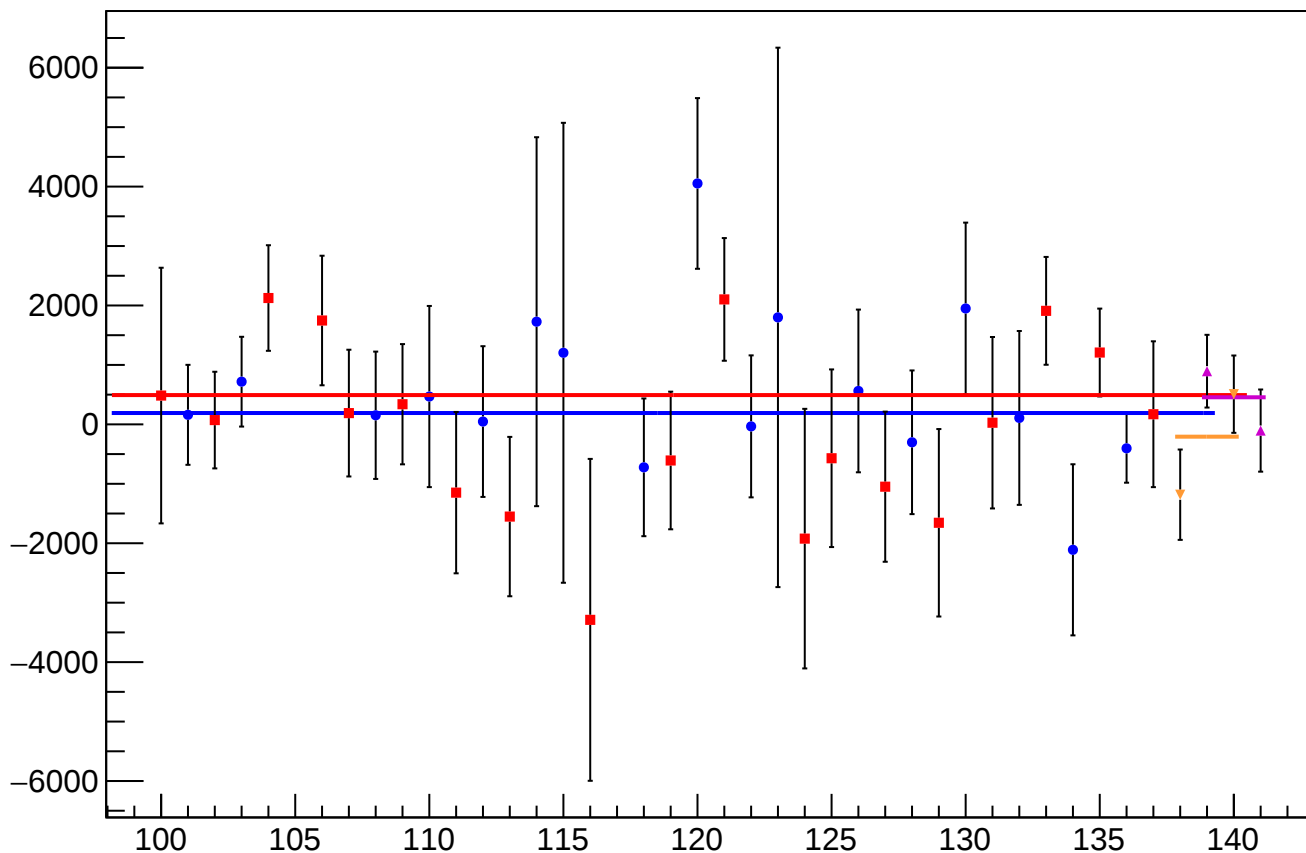
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 680.537+/-0.171 χ^2/NDF :777425.4/18

Out: 677.743+/-0.167 χ^2/NDF :719004.8/20

All: 679.109+/-0.119 χ^2/NDF : 1496567.2/39

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -207.157 $\pm$ 494.151 χ^2 /NDF: 2.9/1

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: 149.270 $\pm$ 335.940 χ^2 /NDF: 5.0/3

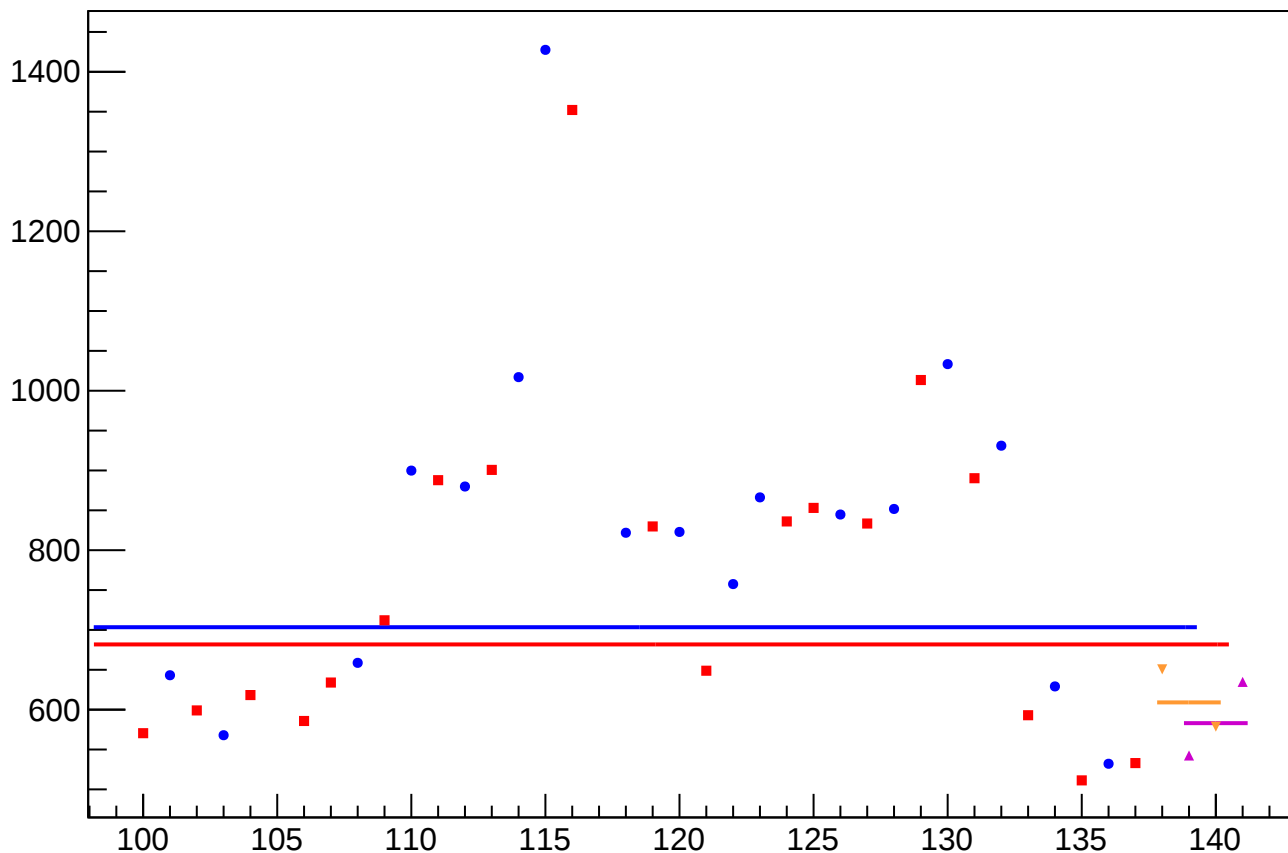
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 262.374 $\pm$ 238.076 χ^2 /NDF: 15.6/18

Out: 338.506 $\pm$ 231.923 χ^2 /NDF: 27.2/20

All: 301.436 $\pm$ 166.127 χ^2 /NDF: 42.9/39

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 609.091+/-0.349 χ^2/NDF : 10314.1/1

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: 595.096+/-0.238 χ^2/NDF : 33304.5/3

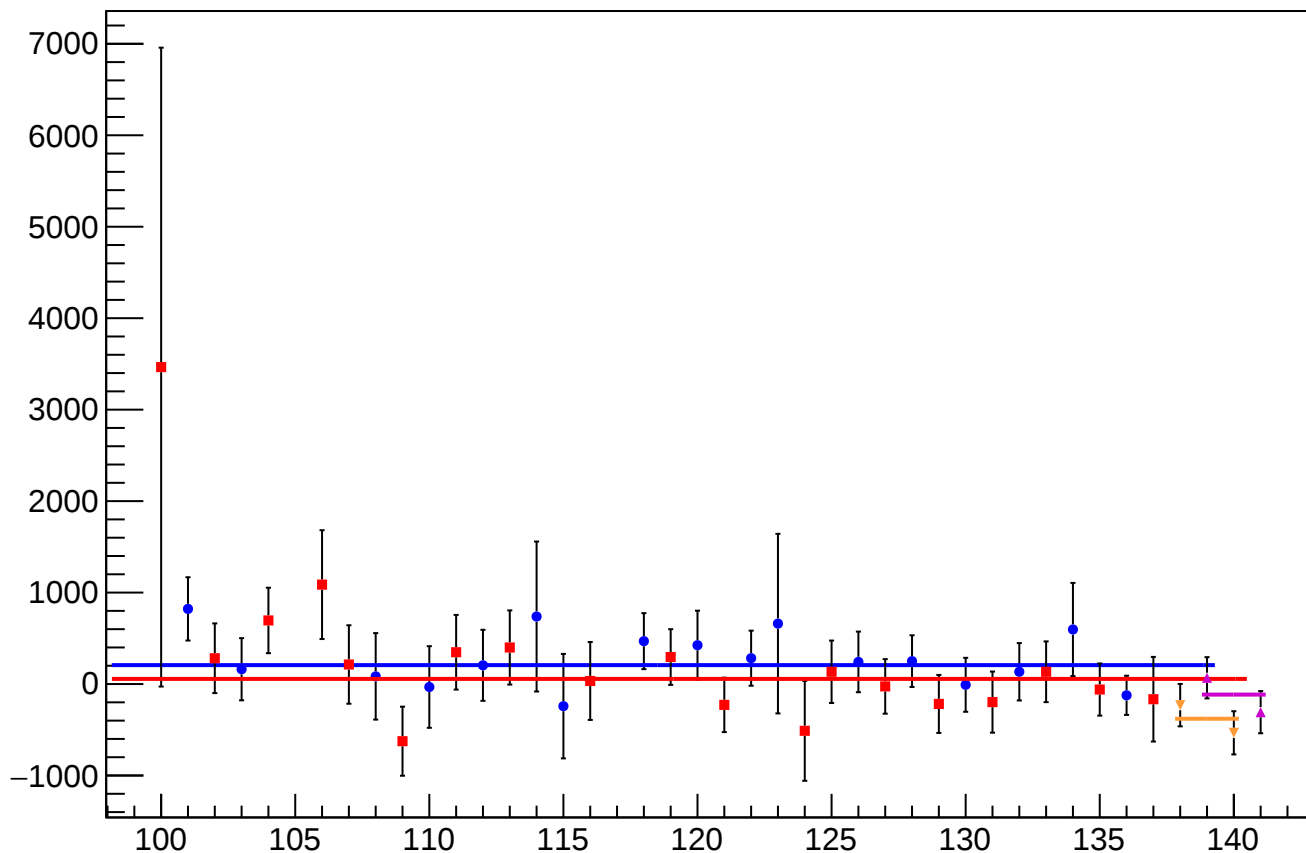
Right: 691.968+/-0.135 χ^2/NDF : 1338046.5/35

In: 670.901+/-0.168 χ^2/NDF : 787632.2/18

Out: 665.789+/-0.164 χ^2/NDF : 708880.4/20

All: 668.278+/-0.117 χ^2/NDF : 1496985.8/39

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: -379.246 $\pm$ 165.382 χ^2 /NDF:0.8/1

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: -243.986 $\pm$ 115.463 χ^2 /NDF: 3.5/3

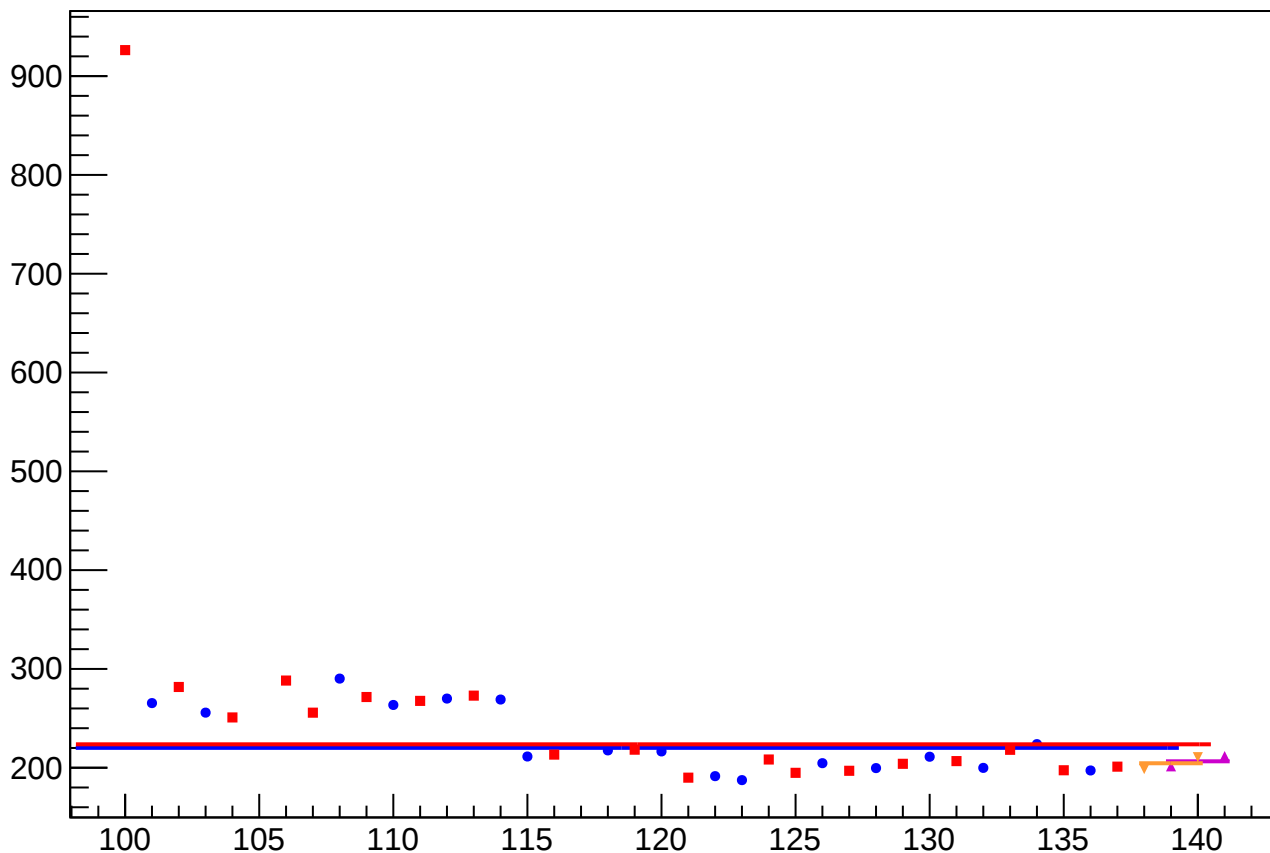
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: 136.006 $\pm$ 75.631 χ^2 /NDF:14.0/18

Out: -35.062 $\pm$ 75.717 χ^2 /NDF:22.9/20

All: 50.568 $\pm$ 53.510 χ^2 /NDF: 39.4/39

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 204.528+/-0.117 χ^2/NDF : 2662.0/1

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: 205.543+/-0.082 χ^2/NDF : 4887.9/3

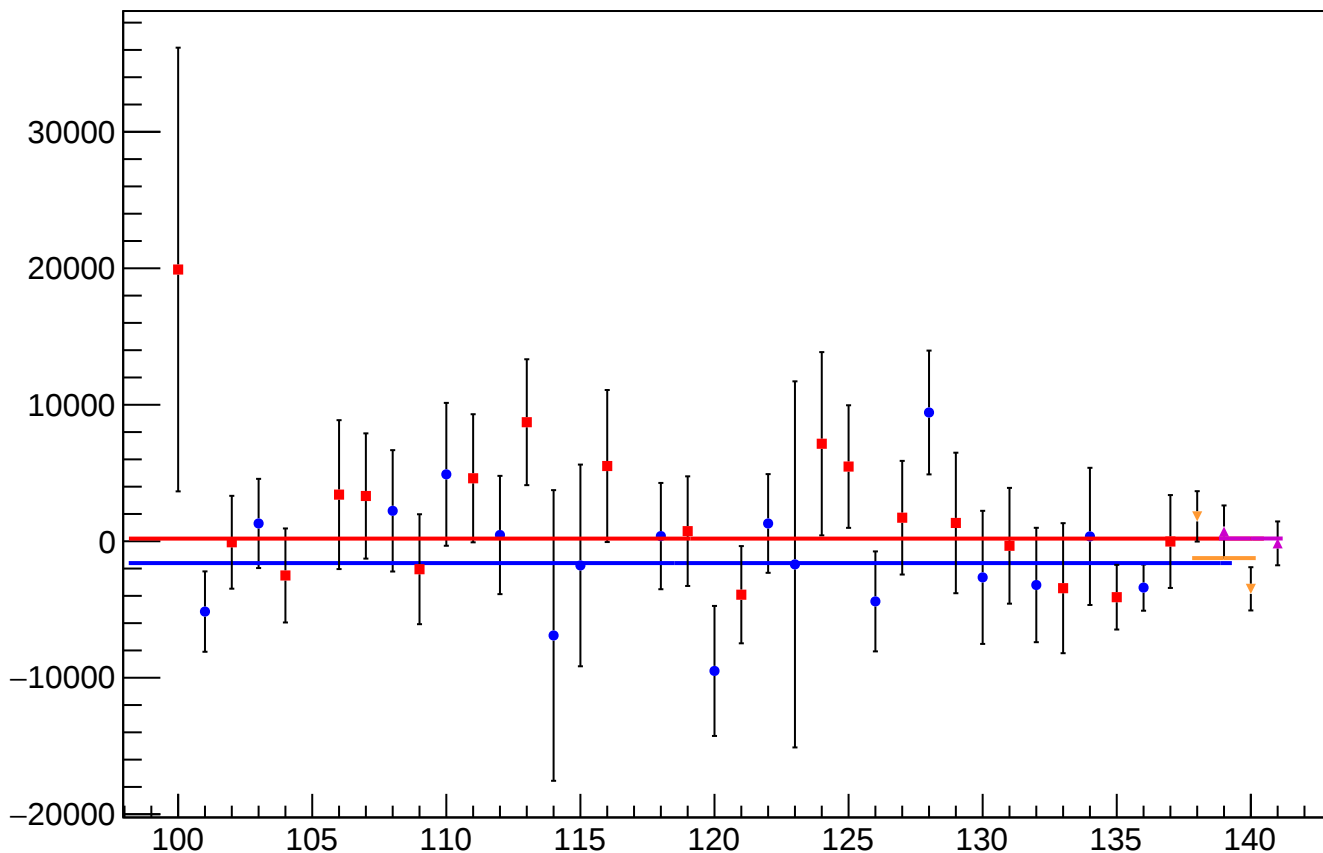
Right: 221.929+/-0.043 χ^2/NDF : 583436.5/35

In: 217.136+/-0.053 χ^2/NDF : 241657.5/18

Out: 219.686+/-0.054 χ^2/NDF : 377159.6/20

All: 218.410+/-0.038 χ^2/NDF : 619952.1/39

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 ± 921.042 χ^2/NDF : 16.6/16

Left Out: -1233.628 ± 1202.448 χ^2/NDF : 4.8/1

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: -532.851 ± 860.318 χ^2/NDF : 5.6/3

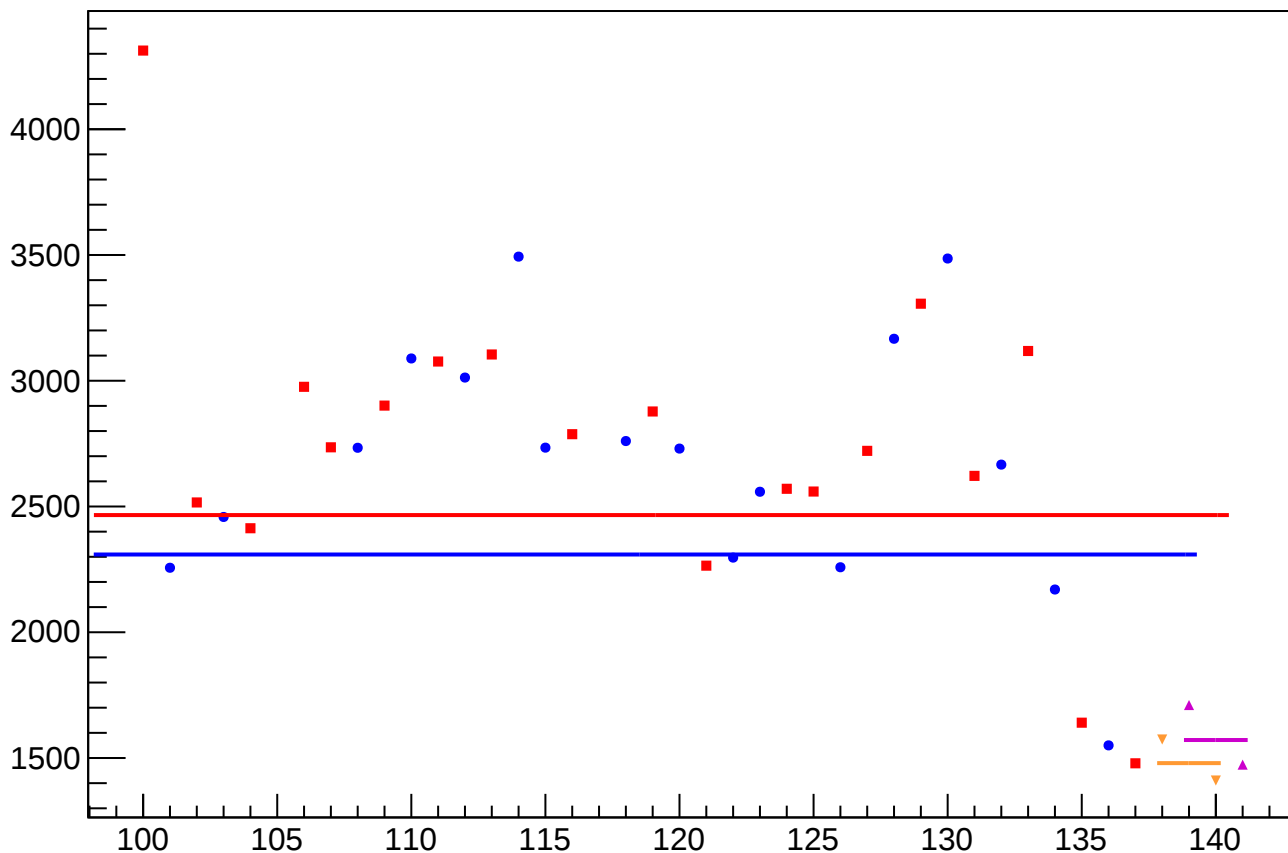
Right: -727.416 ± 660.424 χ^2/NDF : 34.8/35

In: -952.900 ± 737.557 χ^2/NDF : 18.1/18

Out: -352.256 ± 744.209 χ^2/NDF : 21.9/20

All: -655.274 ± 523.868 χ^2/NDF : 40.4/39

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2/NDF : 800728.2/16

Left Out: 1479.678 $\pm$ 0.850 χ^2/NDF : 8989.8/1

Right Out: 2465.900 $\pm$ 0.670 χ^2/NDF : 694086.3/18

Left In: 1571.535 $\pm$ 0.871 χ^2/NDF : 17953.7/1

Left: 1524.513 $\pm$ 0.608 χ^2/NDF : 32640.3/3

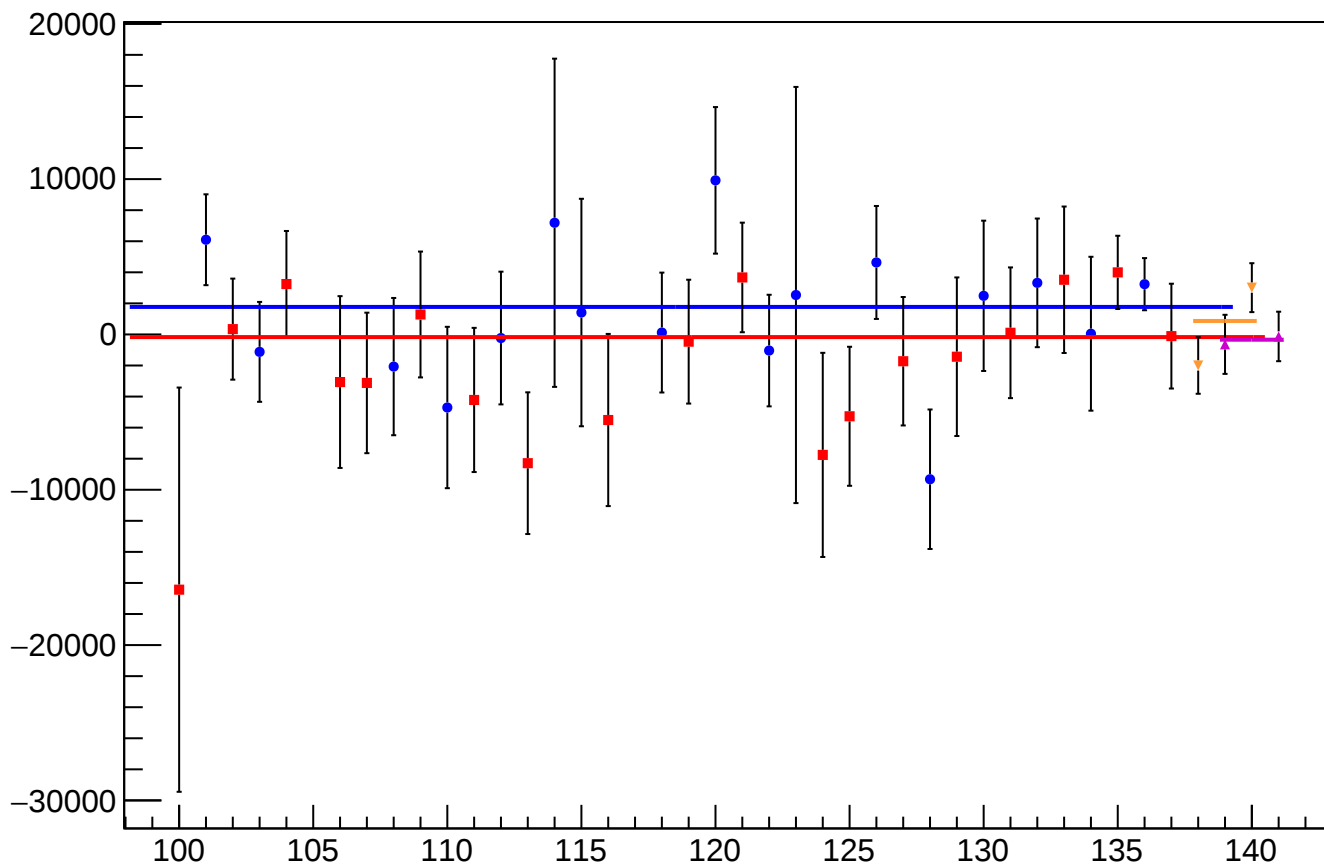
Right: 2385.298 $\pm$ 0.467 χ^2/NDF : 1522965.3/35

In: 2044.524 $\pm$ 0.522 χ^2/NDF : 1278824.3/18

Out: 2088.126 $\pm$ 0.526 χ^2/NDF : 1533108.6/20

All: 2066.130 $\pm$ 0.370 χ^2/NDF : 2815396.3/39

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 867.606+/-1191.127 χ^2/NDF : 4.3/1

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: 279.529+/-852.777 χ^2/NDF : 4.9/3

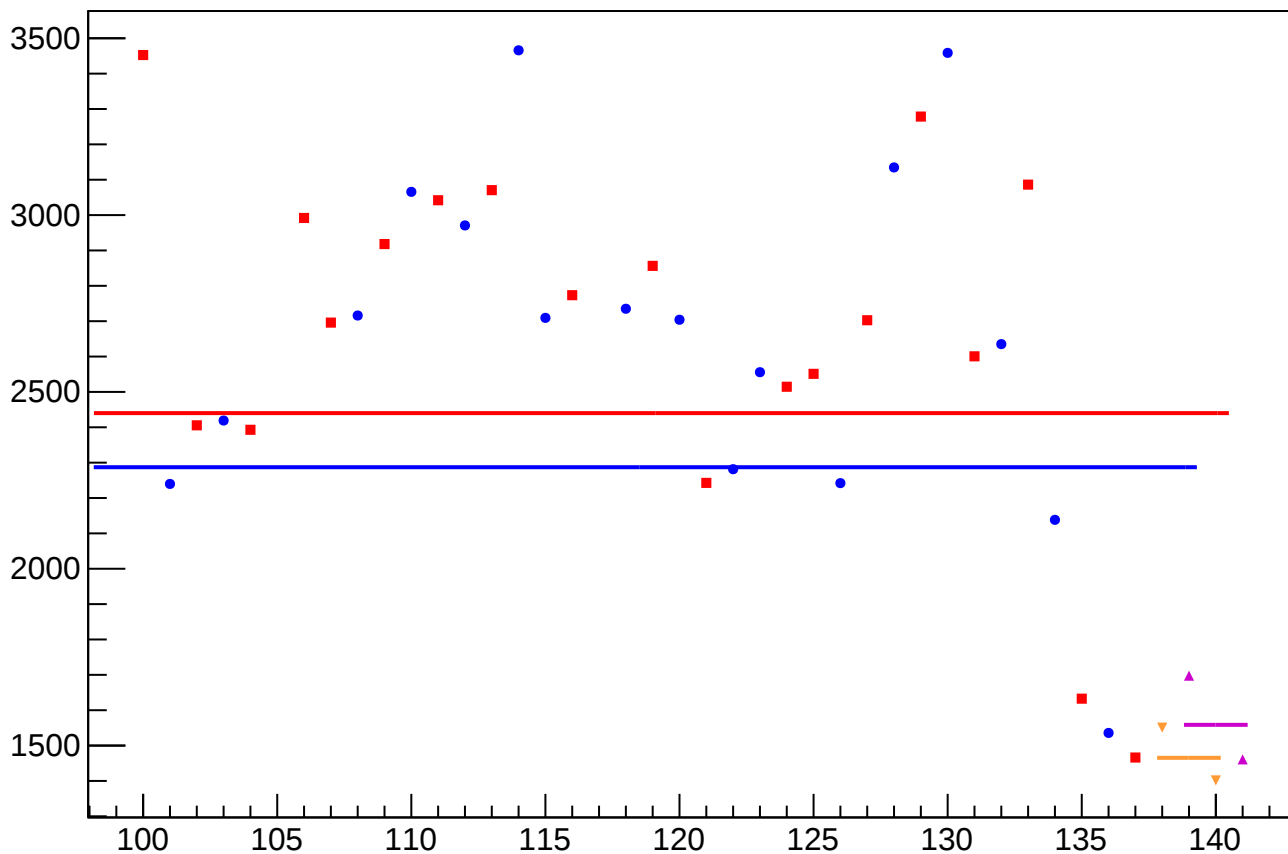
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 1015.624+/-730.943 χ^2/NDF : 19.3/18

Out: 226.298+/-736.645 χ^2/NDF : 20.8/20

All: 624.028+/-518.859 χ^2/NDF : 40.7/39

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1465.357+/-0.842 χ^2/NDF : 7681.3/1

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: 1510.815+/-0.603 χ^2/NDF : 31854.1/3

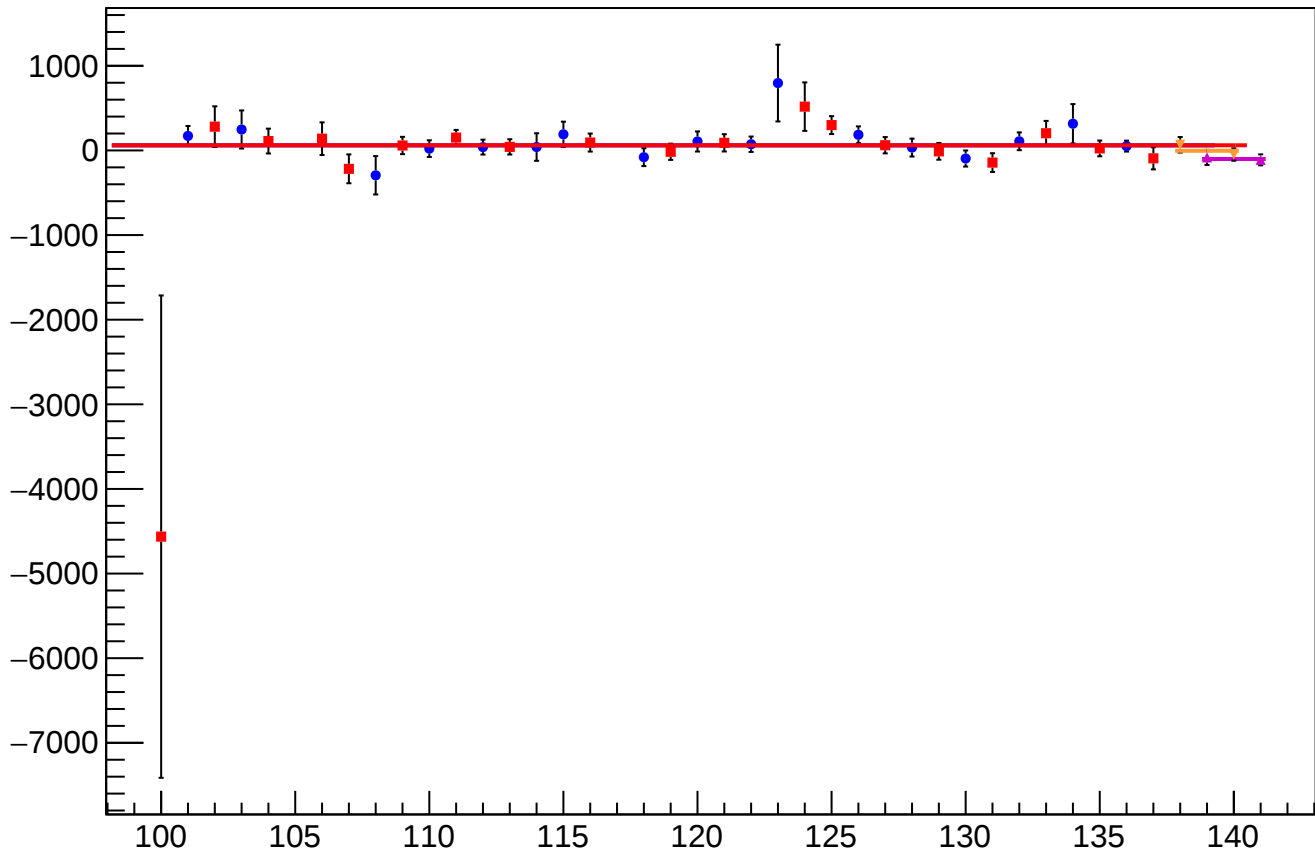
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 2026.229+/-0.517 χ^2/NDF : 1274238.3/18

Out: 2067.268+/-0.521 χ^2/NDF : 1513819.4/20

All: 2046.589+/-0.367 χ^2/NDF : 2791185.3/39

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -4.085+/-57.070 χ^2/NDF :1.0/1

Right Out: 60.983+/-27.009 χ^2/NDF : 22.3/18

Left In: -101.132+/-52.348 χ^2/NDF :0.1/1

Left: -56.789+/-38.577 χ^2/NDF : 2.6/3

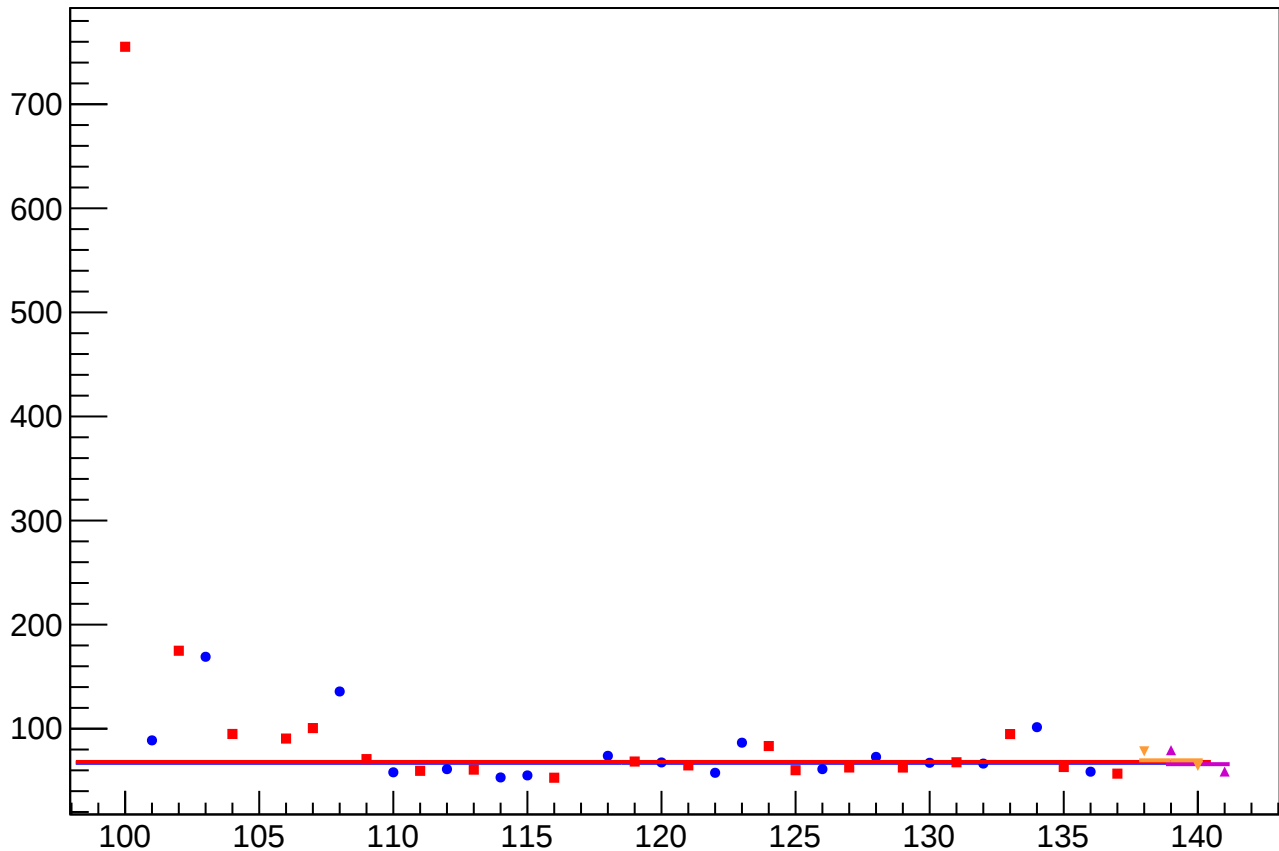
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: 25.713+/-24.052 χ^2/NDF :22.8/18

Out: 49.076+/-24.413 χ^2/NDF :24.4/20

All: 37.221+/-17.134 χ^2/NDF : 47.7/39

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: 69.623 $\pm$ 0.040 χ^2 /NDF: 28761.3/1

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: 67.620 $\pm$ 0.027 χ^2 /NDF: 102628.7/3

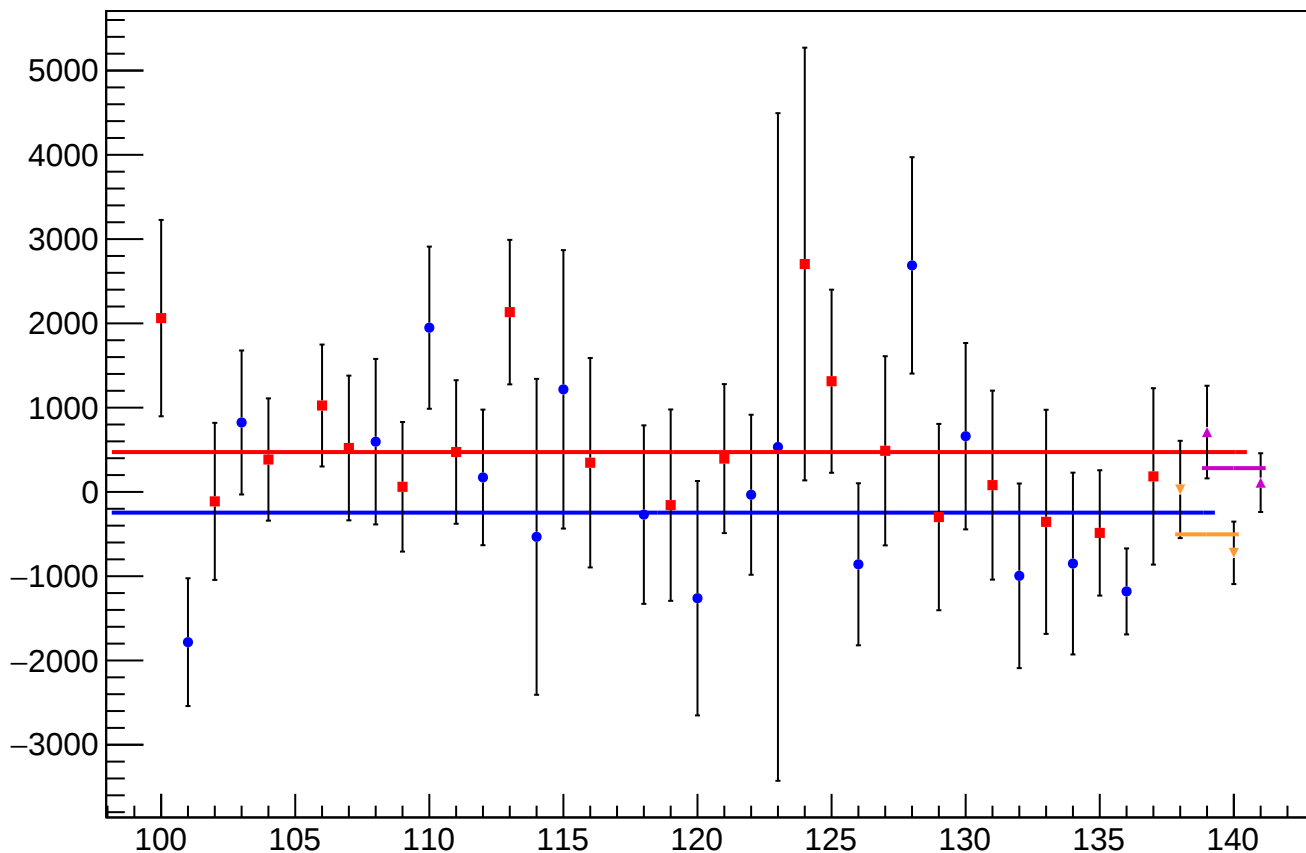
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 67.009 $\pm$ 0.017 χ^2 /NDF: 911752.1/18

Out: 68.346 $\pm$ 0.017 χ^2 /NDF: 900603.5/20

All: 67.668 $\pm$ 0.012 χ^2 /NDF: 1815397.1/39

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -503.335+/-311.893 χ^2/NDF : 1.2/1

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: -87.852+/-214.098 χ^2/NDF : 5.4/3

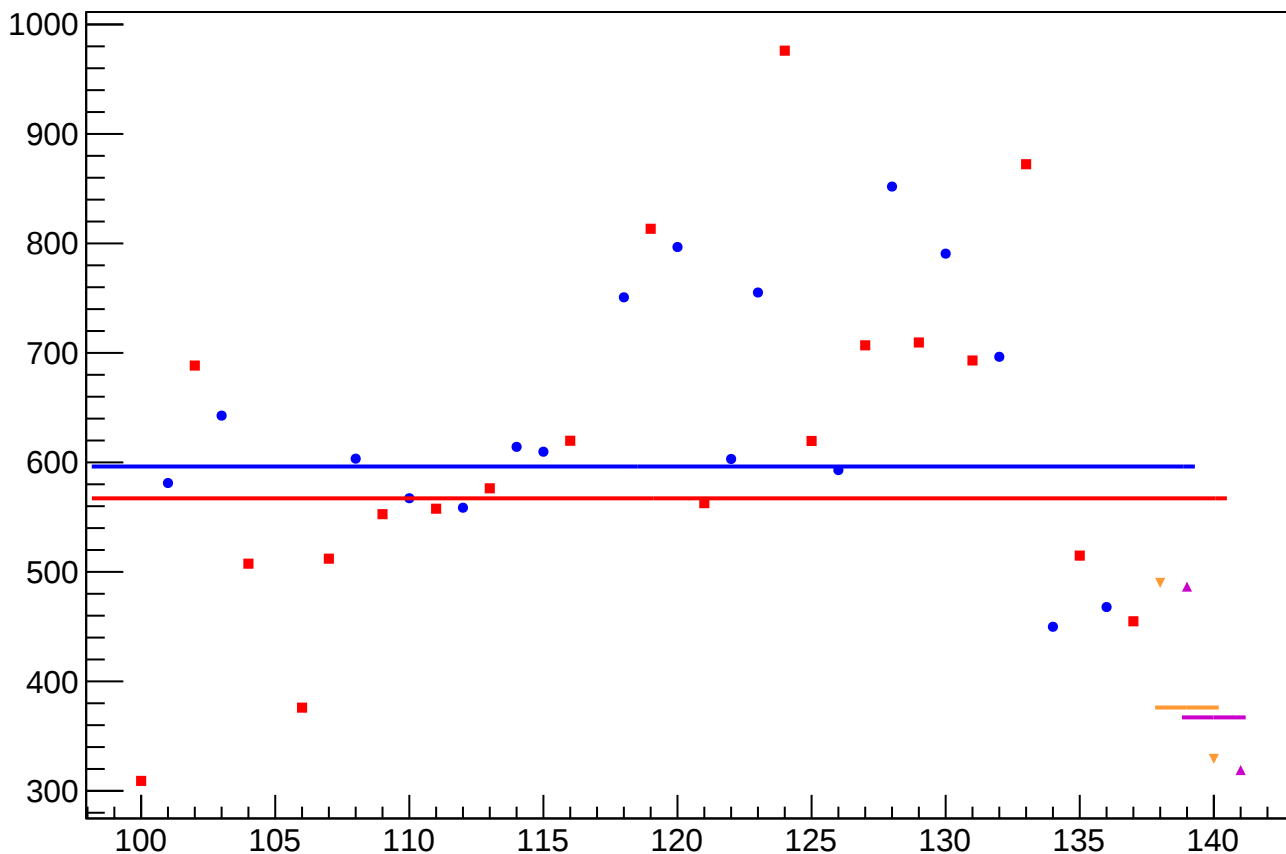
Right: 139.807+/-160.273 χ^2/NDF : 40.1/35

In: -39.717+/-183.861 χ^2/NDF : 26.6/18

Out: 150.846+/-179.132 χ^2/NDF : 19.1/20

All: 58.046+/-128.305 χ^2/NDF : 46.2/39

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: 376.124 $\pm$ 0.221 χ^2 /NDF:109802.7/1

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: 371.353 $\pm$ 0.151 χ^2 /NDF: 243203.3/3

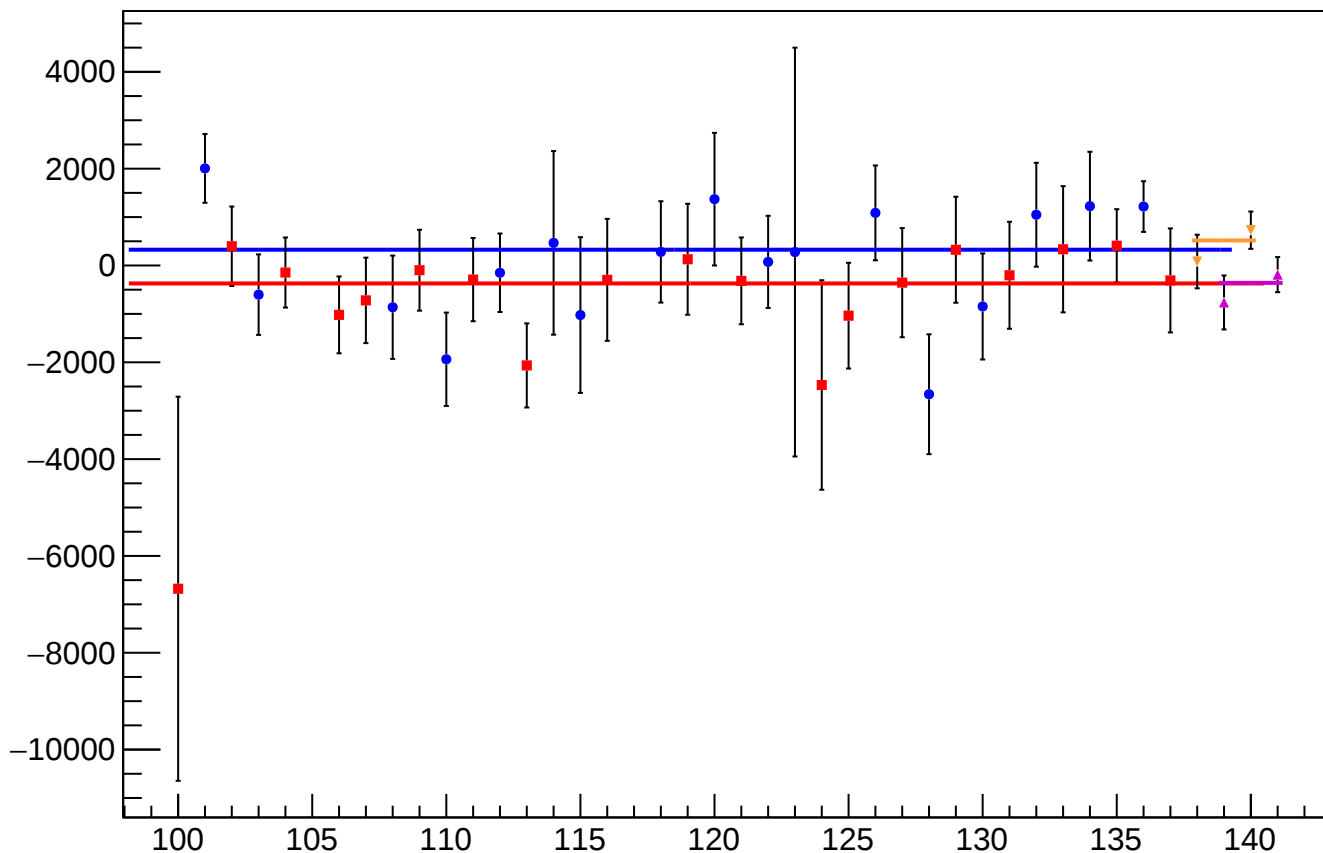
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 506.886 $\pm$ 0.130 χ^2 /NDF:1293684.7/18

Out: 504.155 $\pm$ 0.127 χ^2 /NDF:1288102.1/20

All: 505.485 $\pm$ 0.091 χ^2 /NDF: 2582013.2/39

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 517.905+/-316.391 χ^2/NDF : 0.9/1

Right Out: -370.721+/-224.892 χ^2/NDF : 11.5/18

Left In: -359.246+/-303.878 χ^2/NDF : 0.7/1

Left: 61.641+/-219.164 χ^2/NDF : 5.7/3

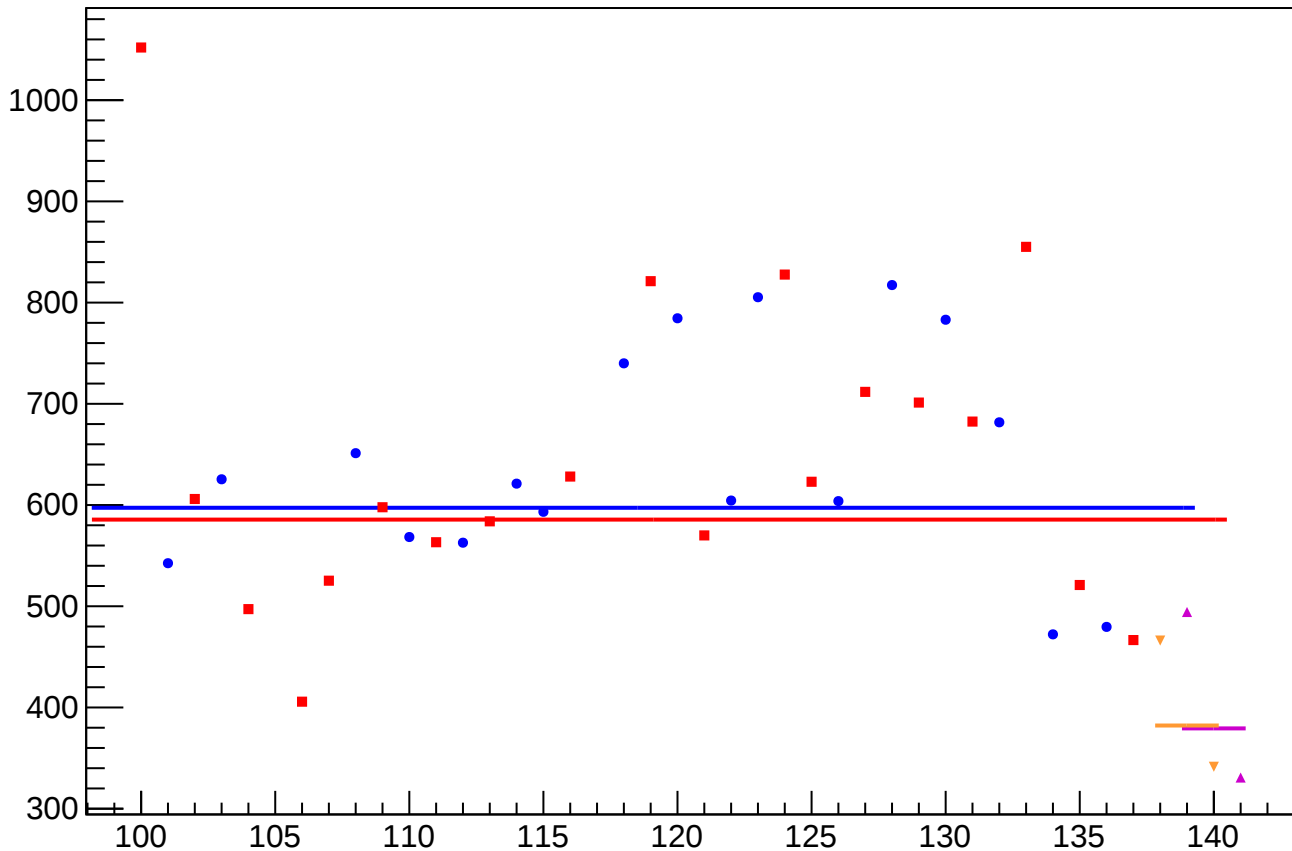
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: 68.785+/-186.193 χ^2/NDF : 30.8/18

Out: -72.449+/-183.304 χ^2/NDF : 17.7/20

All: -2.937+/-130.625 χ^2/NDF : 48.8/39

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 382.177 $\pm$ 0.224 χ^2 /NDF: 68316.4/1

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: 380.697 $\pm$ 0.155 χ^2 /NDF: 189332.2/3

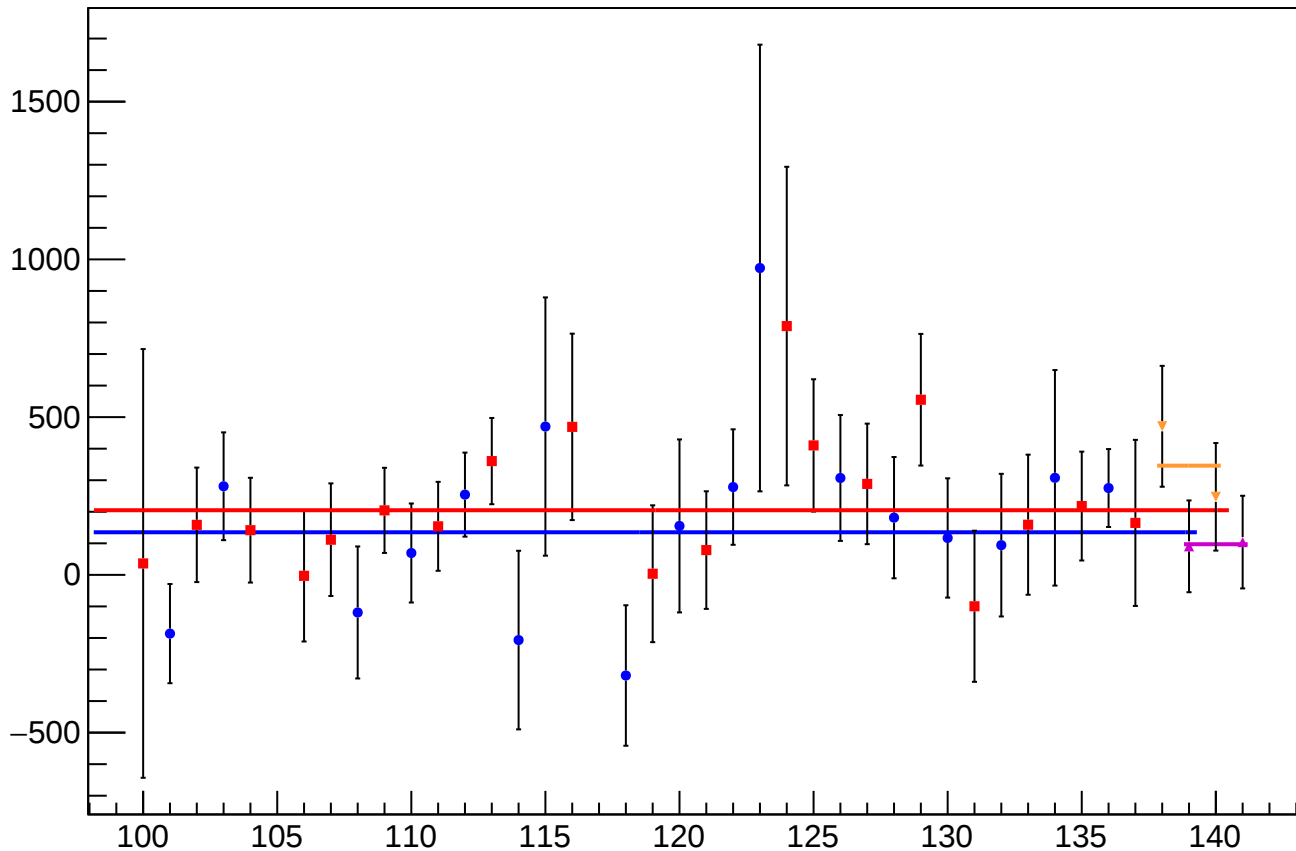
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 515.466 $\pm$ 0.132 χ^2 /NDF: 1127270.6/18

Out: 517.330 $\pm$ 0.130 χ^2 /NDF: 1092266.1/20

All: 516.413 $\pm$ 0.092 χ^2 /NDF: 2219638.5/39

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: 346.199 $\pm$ 127.373 χ^2 /NDF:0.8/1

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: 196.012 $\pm$ 80.257 χ^2 /NDF: 3.1/3

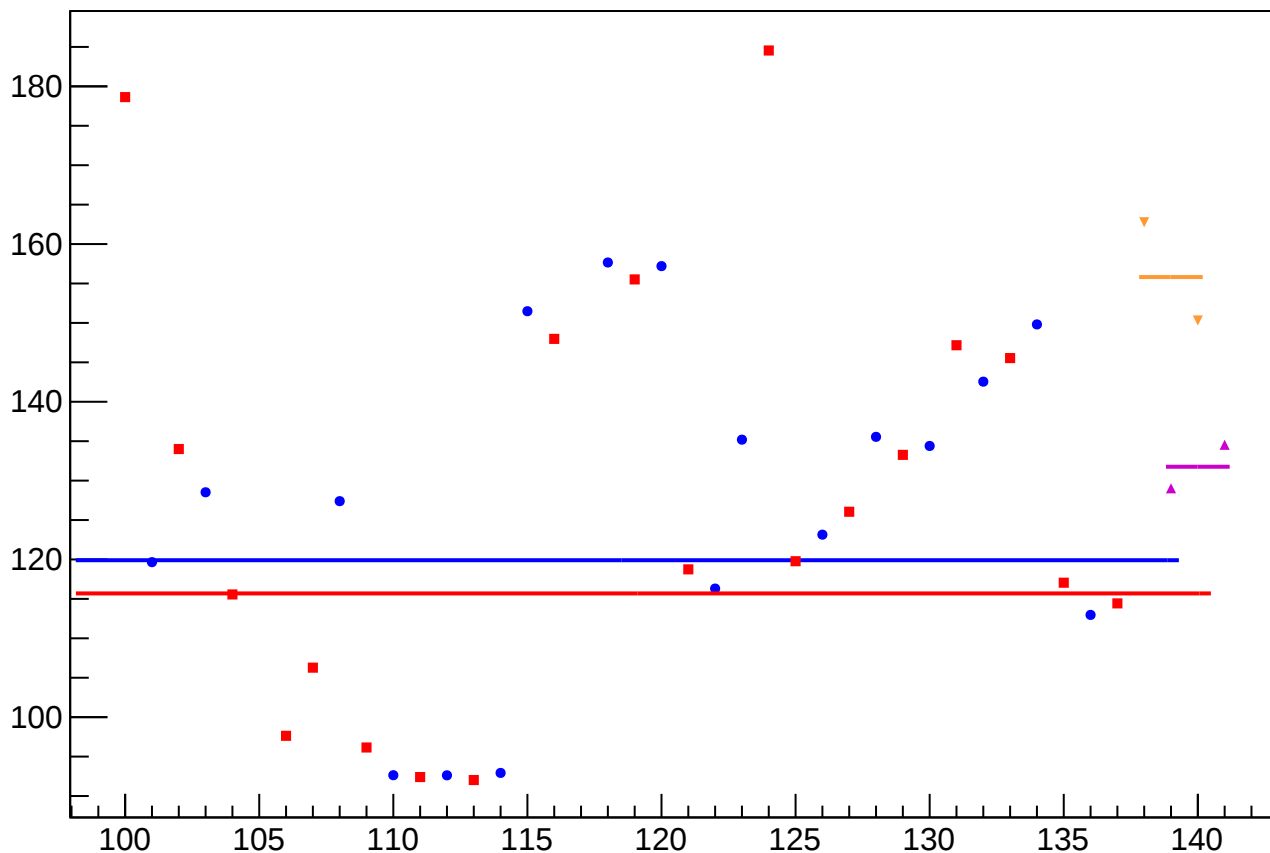
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 128.528 $\pm$ 42.803 χ^2 /NDF:18.2/18

Out: 220.203 $\pm$ 41.960 χ^2 /NDF:13.9/20

All: 175.277 $\pm$ 29.964 χ^2 /NDF: 34.4/39

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 155.815+/-0.090 χ^2/NDF : 4718.0/1

Right Out: 115.693+/-0.031 χ^2/NDF : 435335.9/18

Left In: 131.759+/-0.073 χ^2/NDF : 1425.8/1

Left: 141.310+/-0.057 χ^2/NDF : 49159.6/3

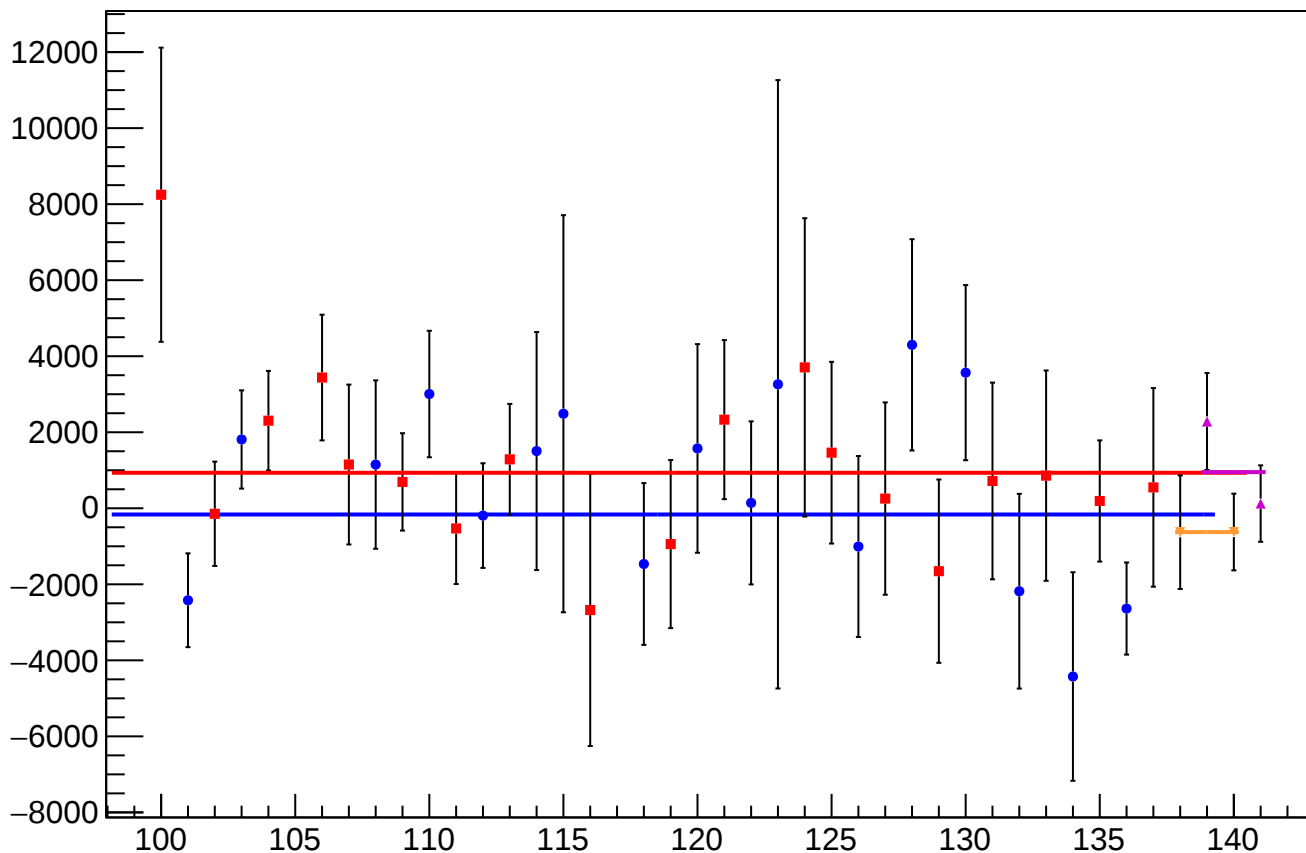
Right: 117.679+/-0.023 χ^2/NDF : 789317.7/35

In: 121.937+/-0.030 χ^2/NDF : 368739.5/18

Out: 120.047+/-0.030 χ^2/NDF : 616970.3/20

All: 120.973+/-0.021 χ^2/NDF : 987698.6/39

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -625.921+/-835.910 χ^2/NDF : 0.0/1

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: 208.228+/-573.911 χ^2/NDF : 3.7/3

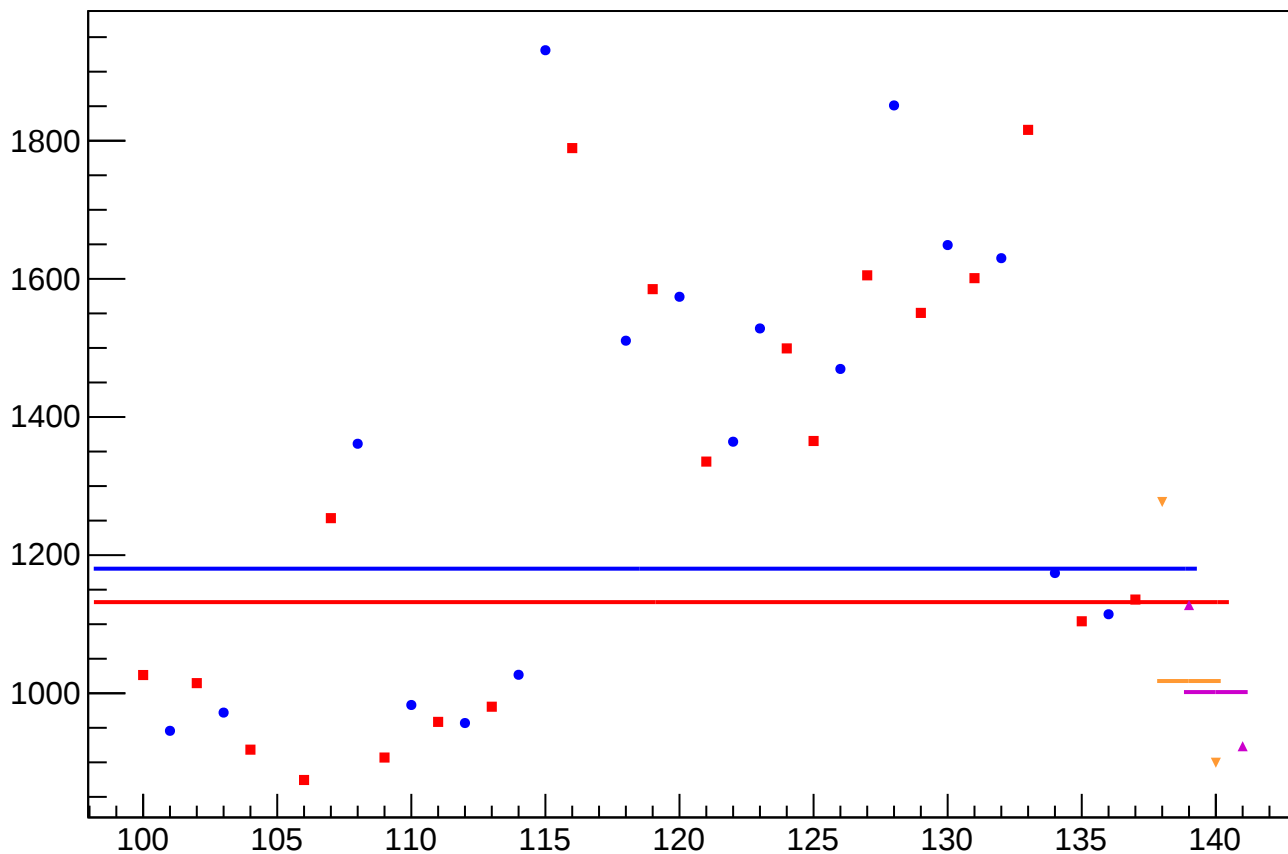
Right: 423.822+/-320.162 χ^2/NDF : 39.5/35

In: 128.077+/-403.576 χ^2/NDF : 27.0/18

Out: 598.390+/-387.723 χ^2/NDF : 15.6/20

All: 372.652+/-279.598 χ^2/NDF : 43.3/39

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: 1017.743 $\pm$ 0.591 χ^2 /NDF: 87763.4/1

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: 1009.283 $\pm$ 0.406 χ^2 /NDF: 119860.3/3

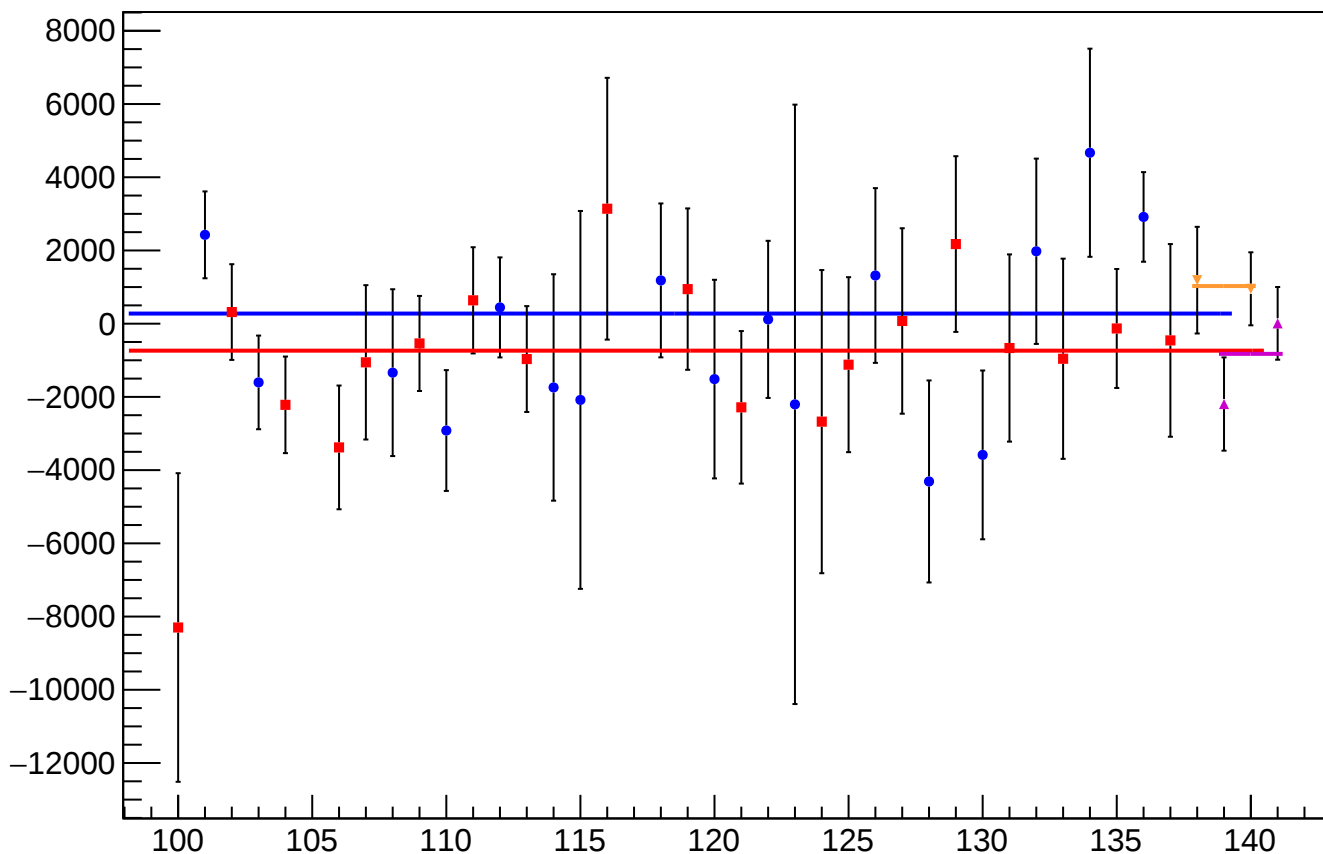
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 1133.700 $\pm$ 0.285 χ^2 /NDF: 776233.5/18

Out: 1107.402 $\pm$ 0.274 χ^2 /NDF: 878983.2/20

All: 1120.024 $\pm$ 0.198 χ^2 /NDF: 1659633.0/39

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1028.026 $\pm$ 822.829 χ^2 /NDF:0.0/1

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -824.121 $\pm$ 783.204 χ^2 /NDF:1.9/1

Left: 56.284 $\pm$ 567.300 χ^2 /NDF: 4.5/3

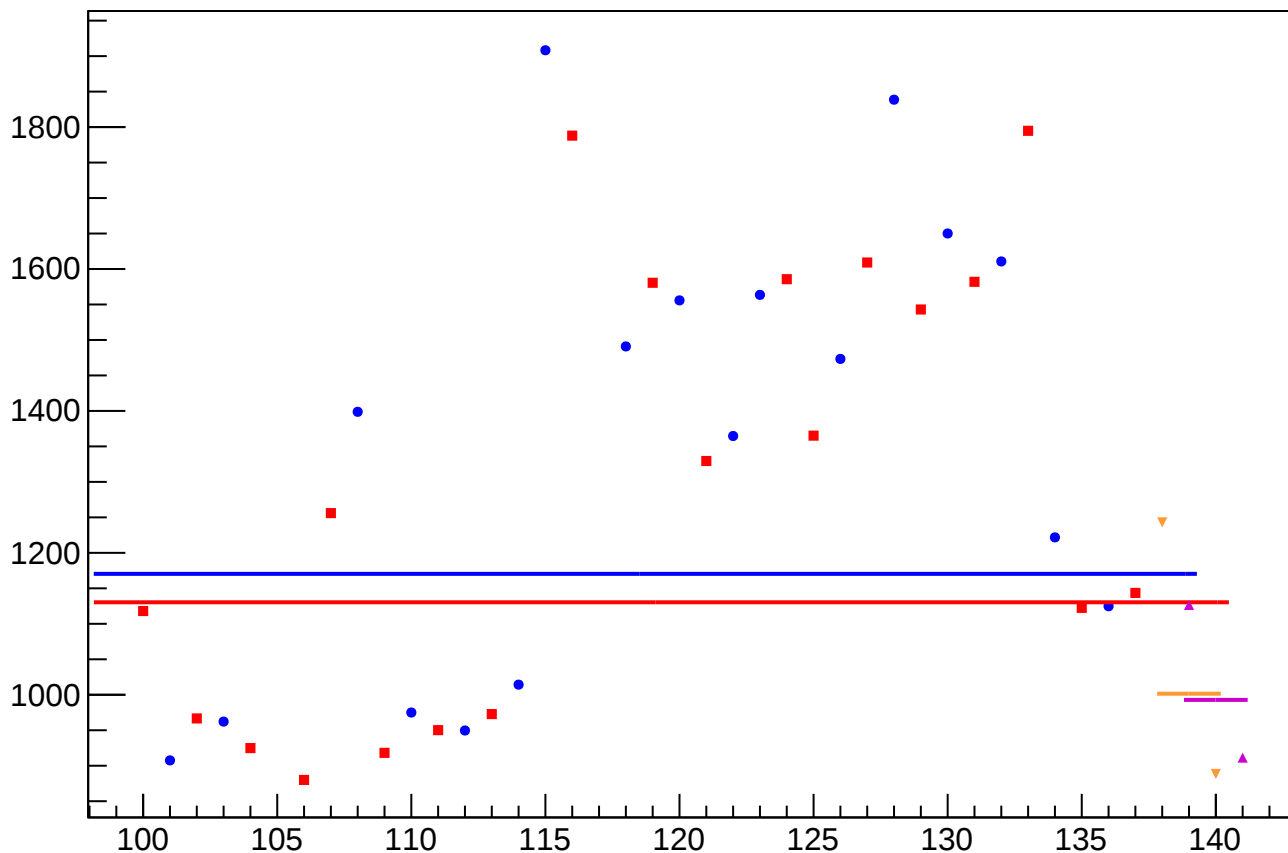
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -11.709 $\pm$ 400.743 χ^2 /NDF:27.6/18

Out: -347.866 $\pm$ 386.255 χ^2 /NDF:16.4/20

All: -185.974 $\pm$ 278.105 χ^2 /NDF: 44.4/39

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 1001.517 $\pm$ 0.582 χ^2 /NDF: 80683.4/1

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 992.790 $\pm$ 0.554 χ^2 /NDF: 35496.0/1

Left: 996.938 $\pm$ 0.401 χ^2 /NDF: 116297.4/3

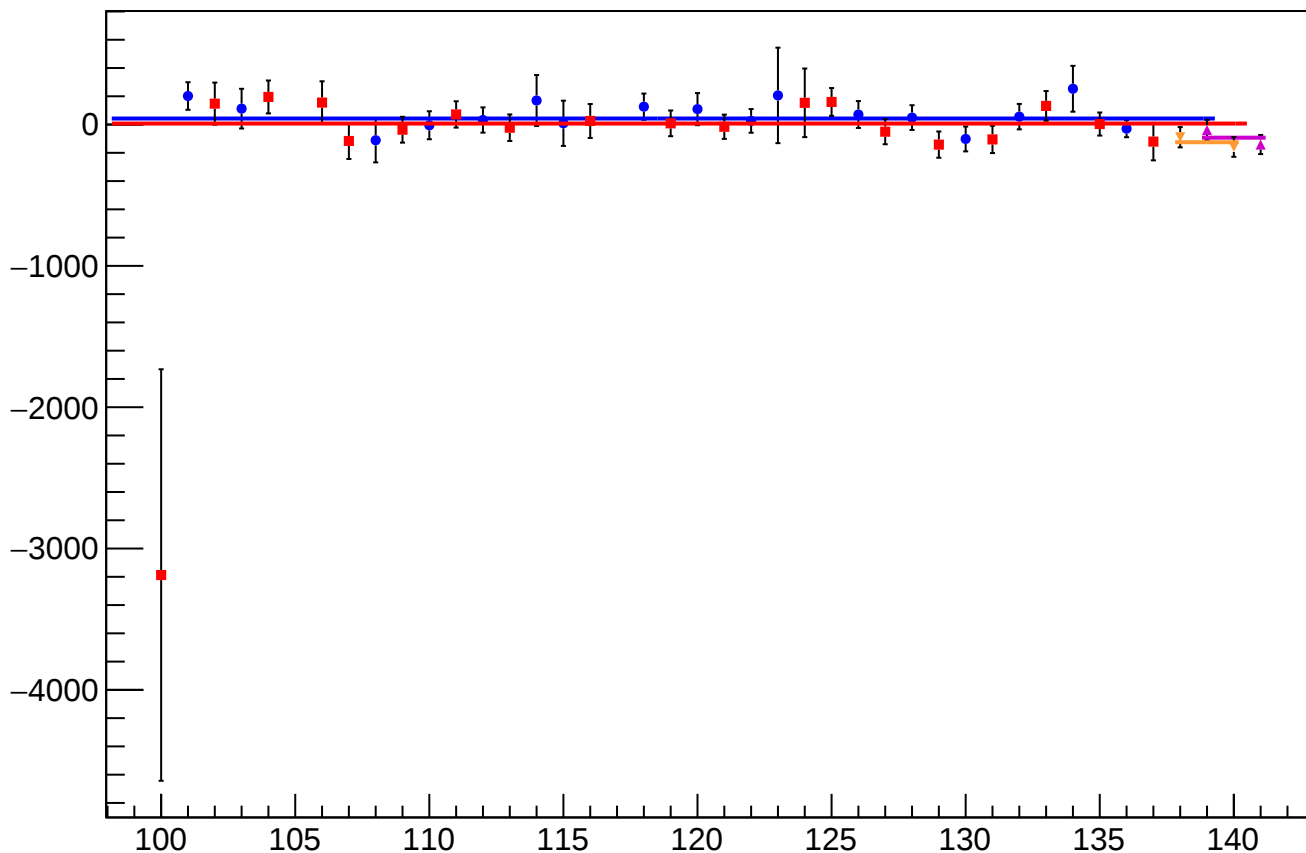
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1123.904 $\pm$ 0.283 χ^2 /NDF: 816911.2/18

Out: 1101.939 $\pm$ 0.273 χ^2 /NDF: 881937.7/20

All: 1112.517 $\pm$ 0.197 χ^2 /NDF: 1701963.6/39

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -125.069 ± 50.005 $\chi^2/\text{NDF}: 0.5/1$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -92.936 ± 49.145 $\chi^2/\text{NDF}: 1.1/1$

Left: -108.724 ± 35.051 $\chi^2/\text{NDF}: 1.8/3$

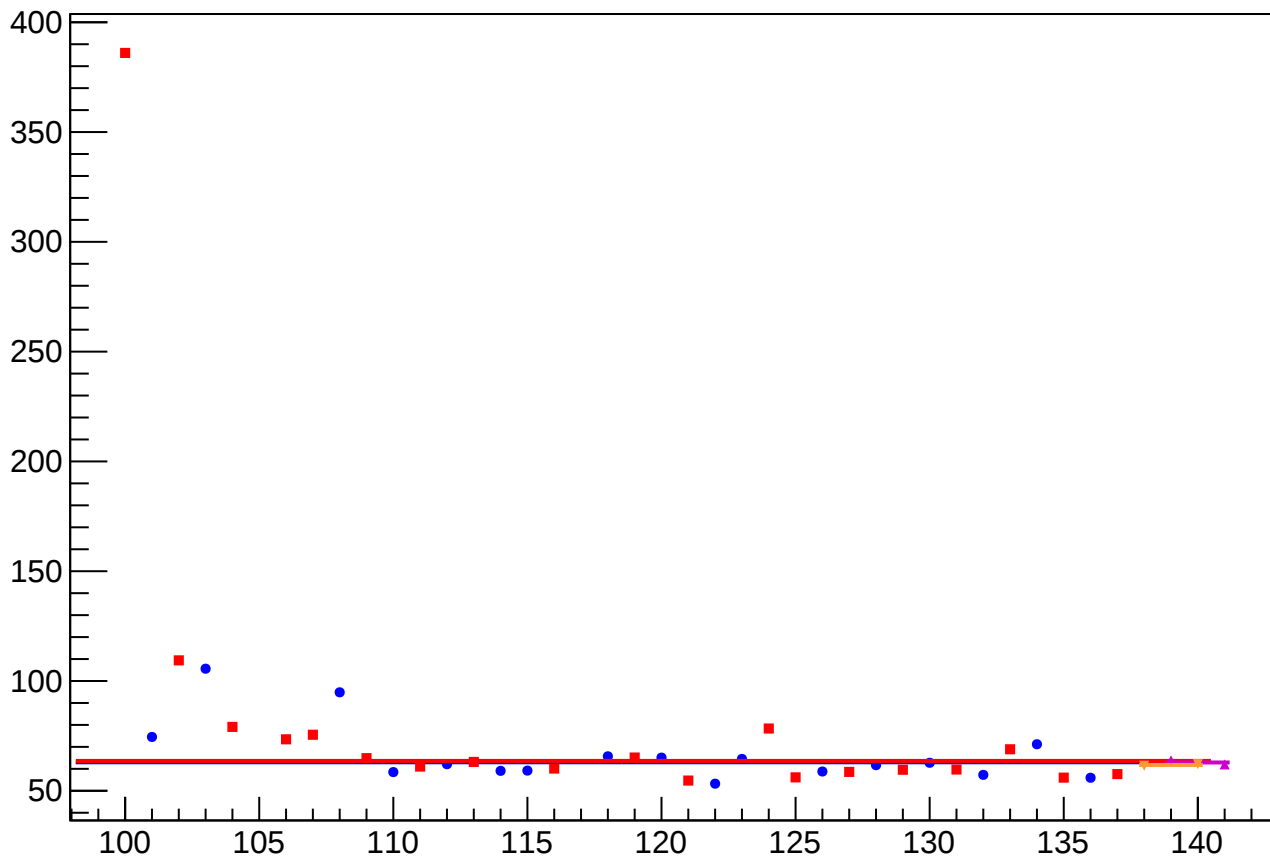
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: 15.325 ± 22.070 $\chi^2/\text{NDF}: 19.2/18$

Out: -18.474 ± 21.993 $\chi^2/\text{NDF}: 26.7/20$

All: -1.634 ± 15.579 $\chi^2/\text{NDF}: 47.0/39$

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: 61.774 $\pm$ 0.035 χ^2 /NDF:110.2/1

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: 62.343 $\pm$ 0.025 χ^2 /NDF: 1336.8/3

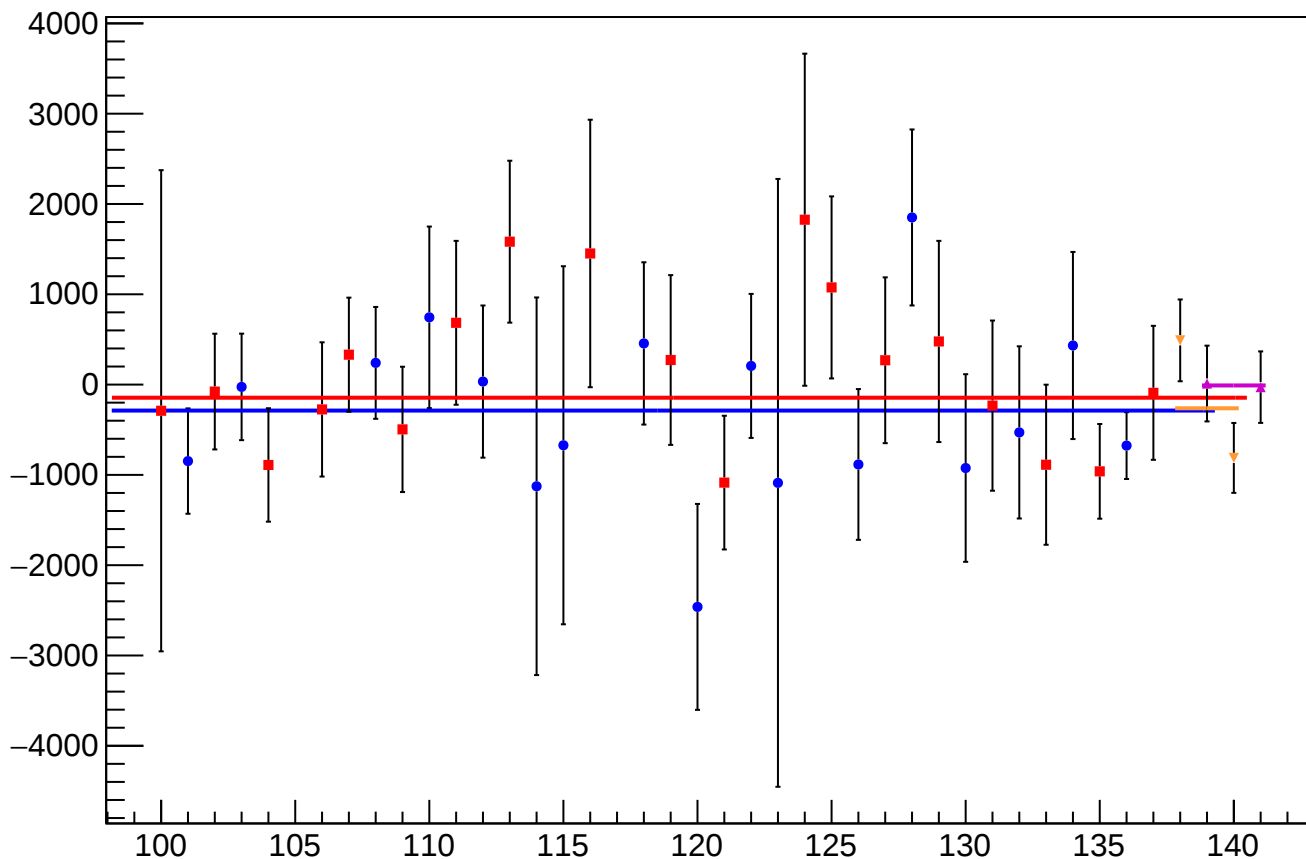
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.963 $\pm$ 0.016 χ^2 /NDF:375985.5/18

Out: 63.258 $\pm$ 0.016 χ^2 /NDF:435841.6/20

All: 63.111 $\pm$ 0.011 χ^2 /NDF: 812006.5/39

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: -262.582+/-294.222 χ^2/NDF : 4.8/1

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: -133.332+/-205.791 χ^2/NDF : 5.2/3

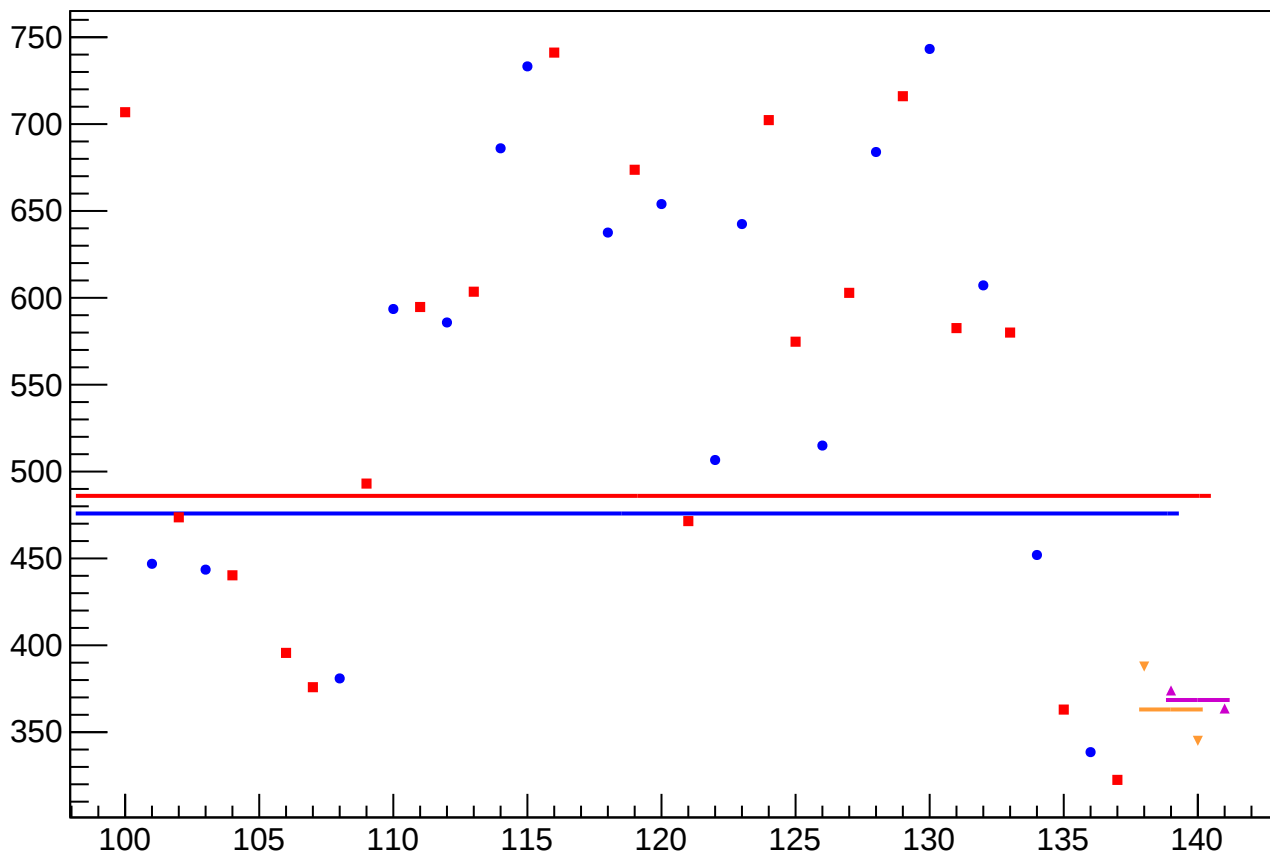
Right: -215.540+/-133.351 χ^2/NDF : 31.7/35

In: -203.382+/-158.521 χ^2/NDF : 16.0/18

Out: -179.154+/-158.009 χ^2/NDF : 21.0/20

All: -191.229+/-111.910 χ^2/NDF : 37.0/39

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: 363.065+/-0.208 χ^2/NDF :10294.4/1

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: 365.853+/-0.146 χ^2/NDF : 11295.0/3

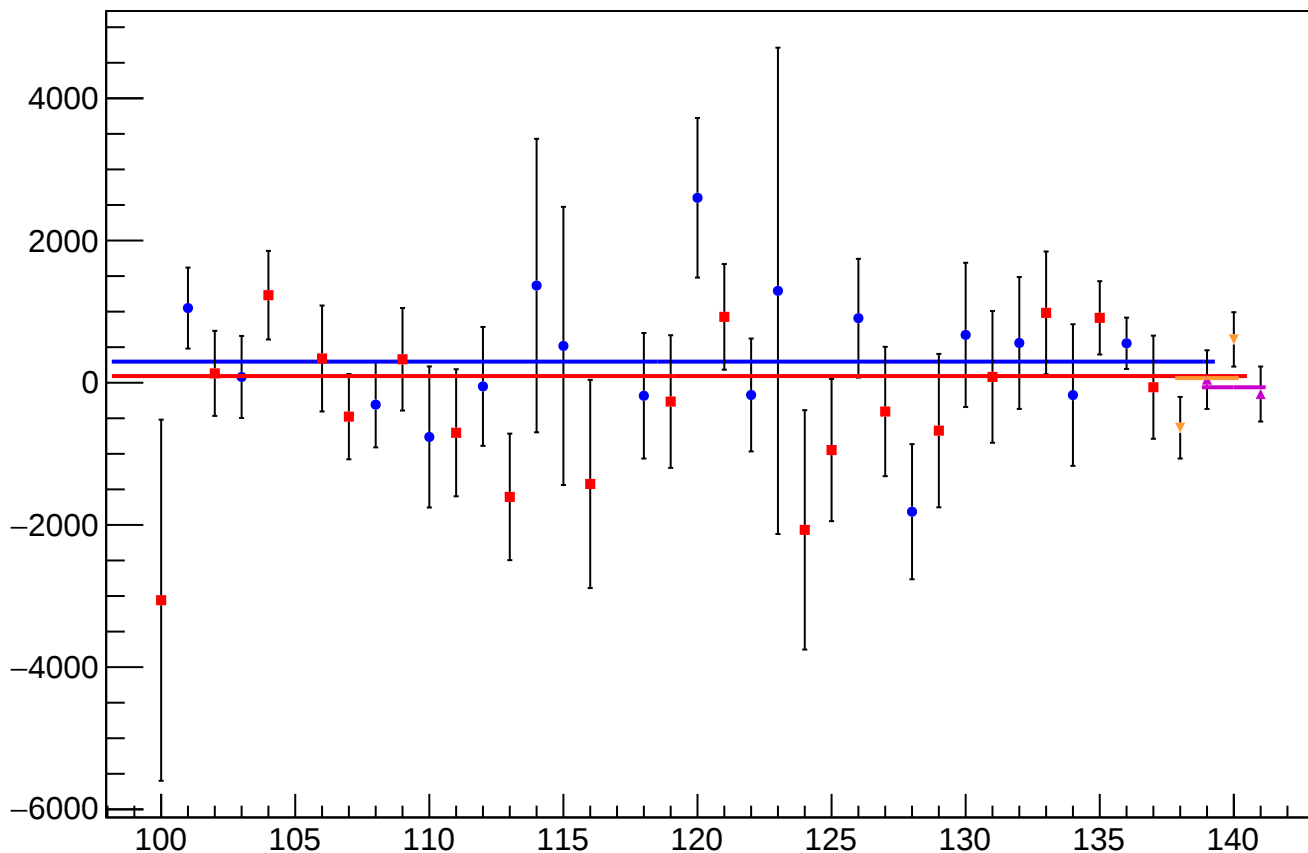
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 443.335+/-0.112 χ^2/NDF :1032185.4/18

Out: 450.552+/-0.112 χ^2/NDF :988922.2/20

All: 446.955+/-0.079 χ^2/NDF : 2023186.9/39

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: 65.005 $\pm$ 286.764 χ^2 /NDF:4.6/1

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: -0.491 $\pm$ 201.149 χ^2 /NDF: 4.9/3

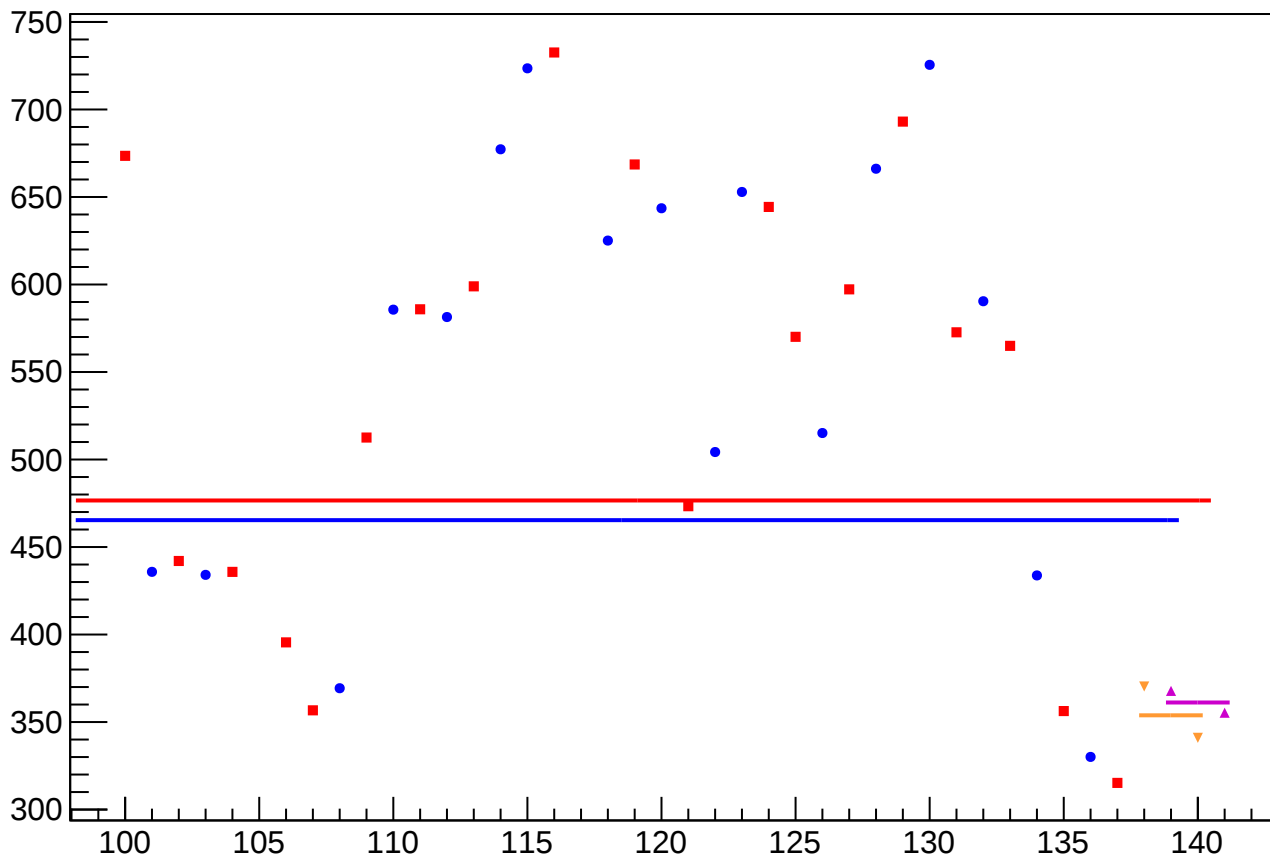
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 187.713 $\pm$ 155.291 χ^2 /NDF:17.1/18

Out: 85.211 $\pm$ 154.812 χ^2 /NDF:24.7/20

All: 136.304 $\pm$ 109.638 χ^2 /NDF: 42.1/39

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 353.845+/-0.203 χ^2/NDF : 5148.4/1

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: 357.565+/-0.142 χ^2/NDF : 6783.6/3

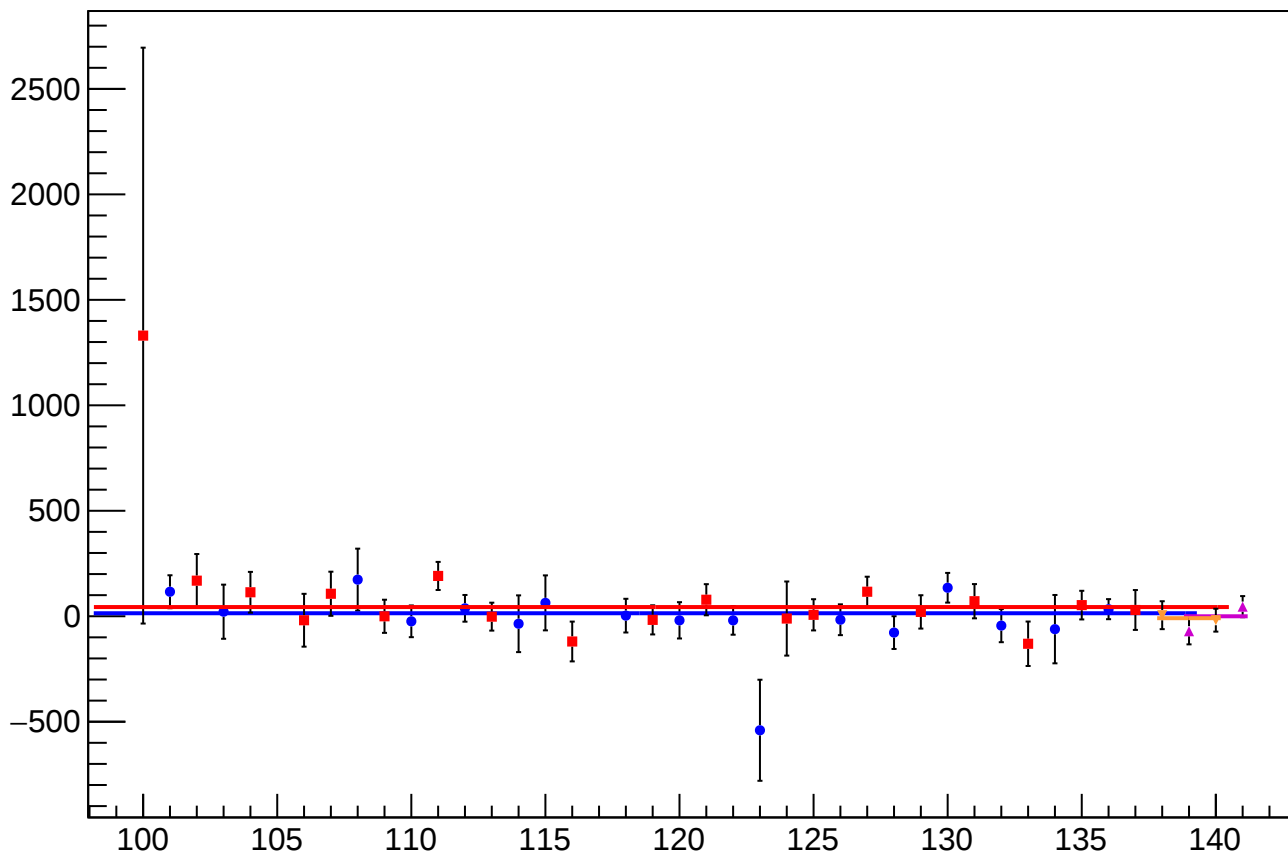
Right: 471.039+/-0.092 χ^2/NDF : 1617050.9/35

In: 433.812+/-0.110 χ^2/NDF : 1051434.6/18

Out: 440.821+/-0.109 χ^2/NDF : 1017745.5/20

All: 437.327+/-0.078 χ^2/NDF : 2071224.0/39

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: -9.126+/-41.949 χ^2/NDF : 0.1/1

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: -4.308+/-28.568 χ^2/NDF : 2.2/3

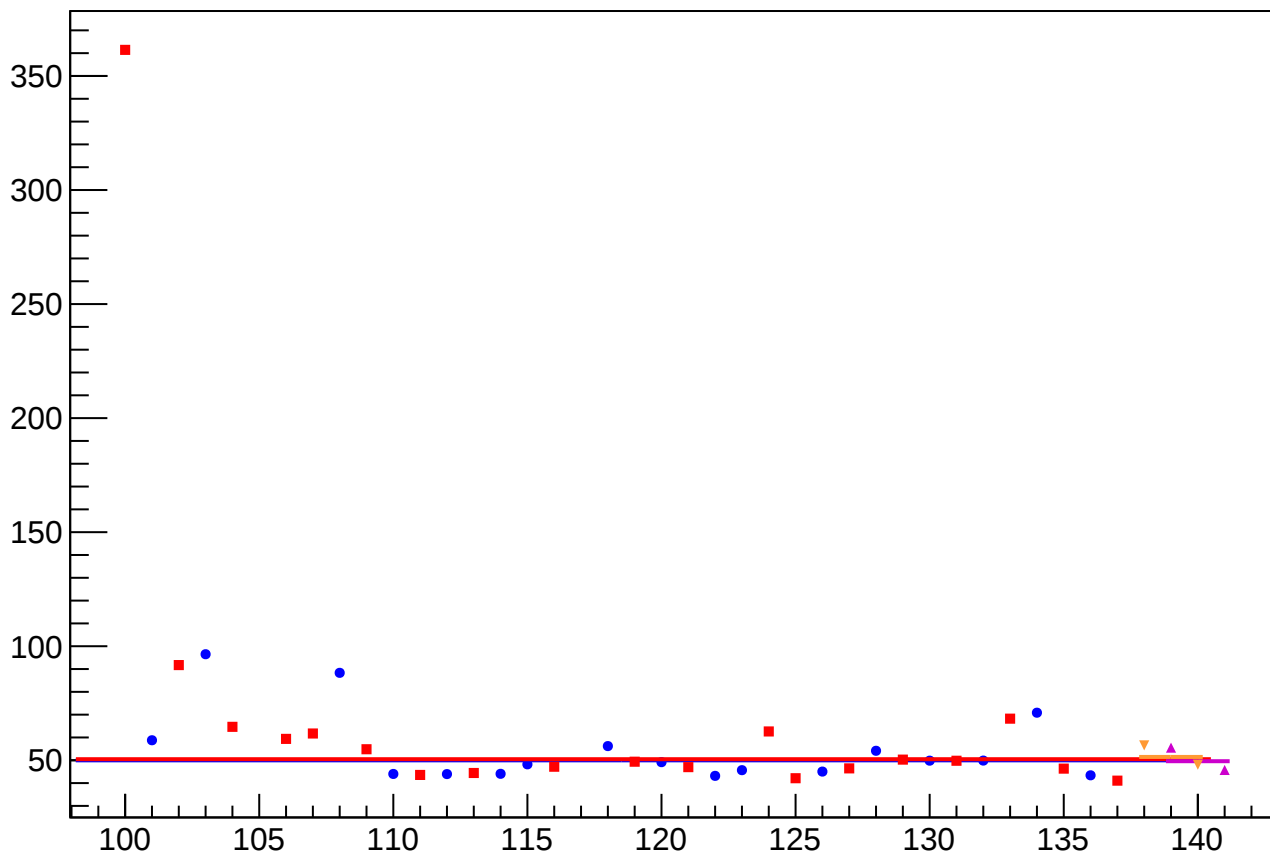
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: 11.289+/-17.703 χ^2/NDF : 17.0/18

Out: 34.116+/-17.793 χ^2/NDF : 18.4/20

All: 22.645+/-12.550 χ^2/NDF : 36.3/39

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 51.464+/-0.030 χ^2/NDF : 19631.1/1

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 49.592+/-0.028 χ^2/NDF : 29956.4/1

Left: 50.460+/-0.020 χ^2/NDF : 51723.3/3

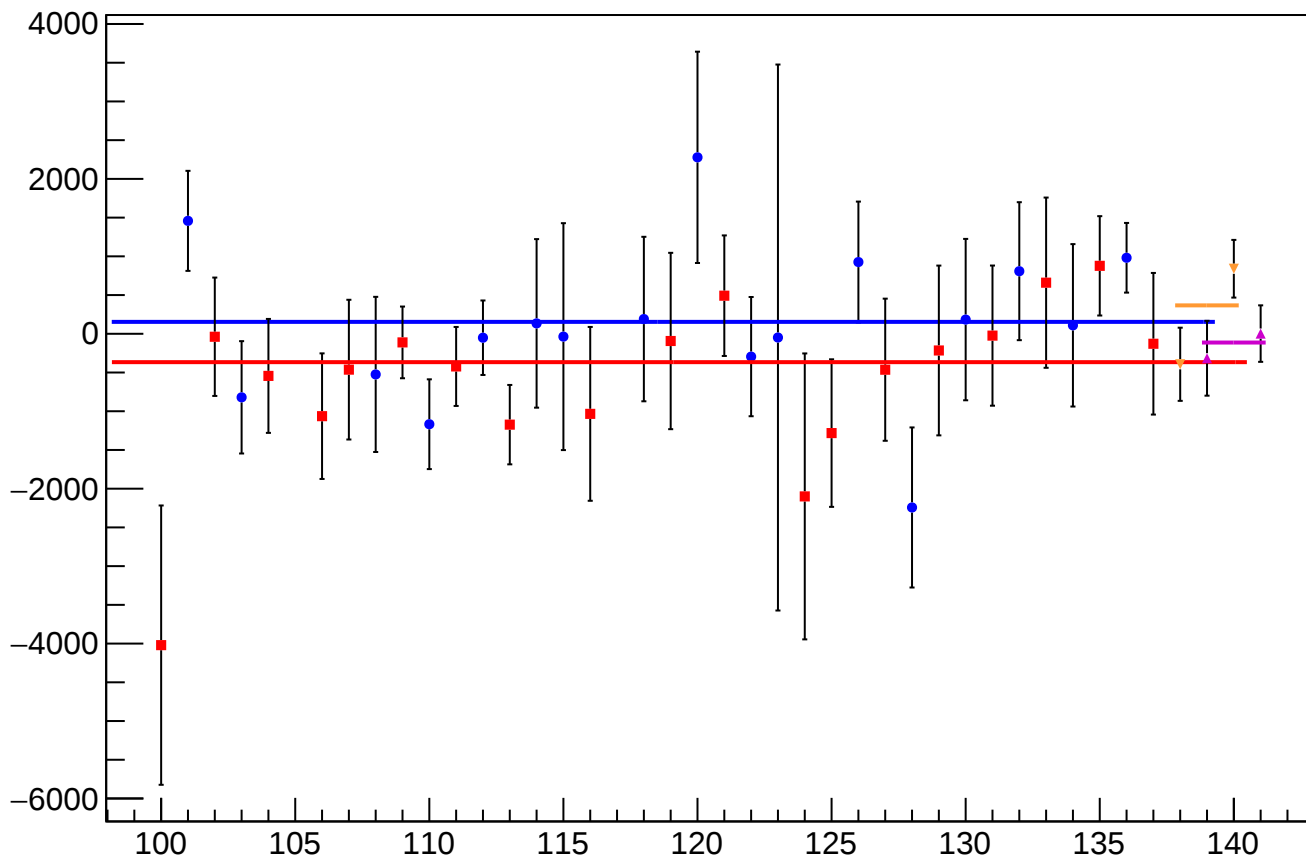
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 49.895+/-0.013 χ^2/NDF : 608858.7/18

Out: 50.651+/-0.013 χ^2/NDF : 591842.0/20

All: 50.271+/-0.009 χ^2/NDF : 1202515.9/39

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: 366.875 $\pm$ 292.462 χ^2 /NDF:4.2/1

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: 125.832 $\pm$ 206.326 χ^2 /NDF: 5.8/3

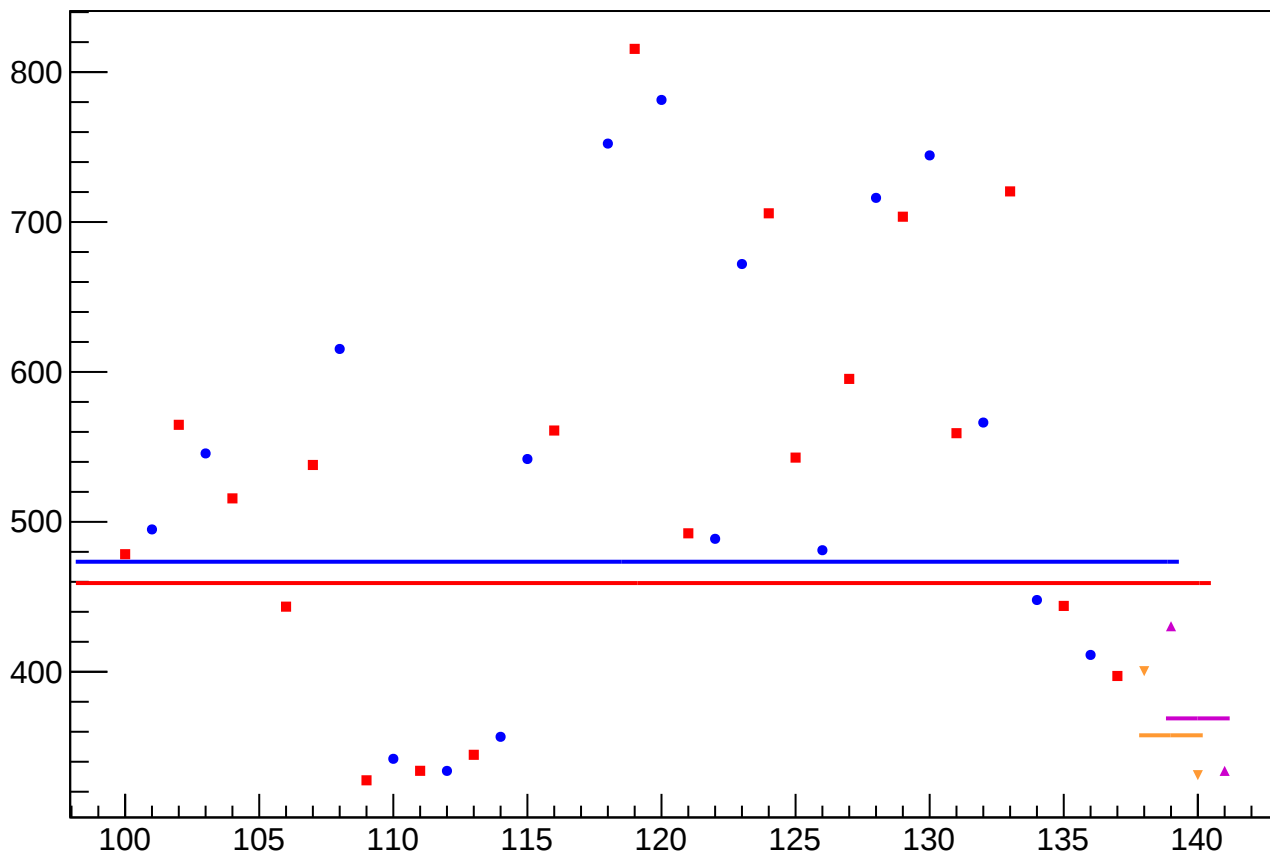
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 74.153 $\pm$ 159.090 χ^2 /NDF:25.7/18

Out: -166.631 $\pm$ 152.617 χ^2 /NDF:25.0/20

All: -51.238 $\pm$ 110.134 χ^2 /NDF: 51.8/39

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: 357.636+/-0.207 χ^2/NDF : 26596.3/1

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: 363.302+/-0.146 χ^2/NDF : 78880.7/3

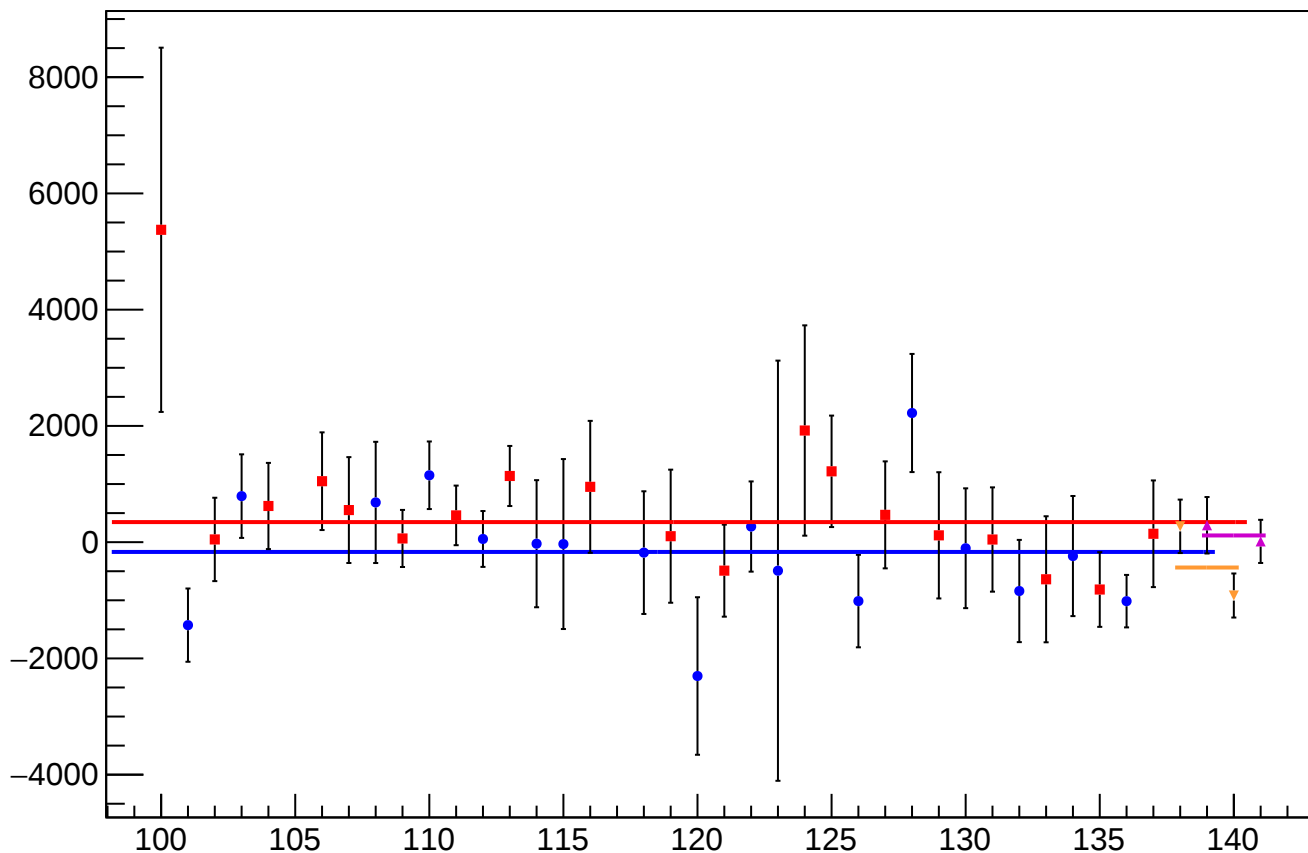
Right: 465.867+/-0.092 χ^2/NDF : 1927360.0/35

In: 442.203+/-0.112 χ^2/NDF : 1146423.0/18

Out: 431.528+/-0.108 χ^2/NDF : 1208529.9/20

All: 436.644+/-0.078 χ^2/NDF : 2359641.7/39

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -436.166+/-292.398 χ^2/NDF : 4.0/1

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: -162.629+/-207.633 χ^2/NDF : 6.0/3

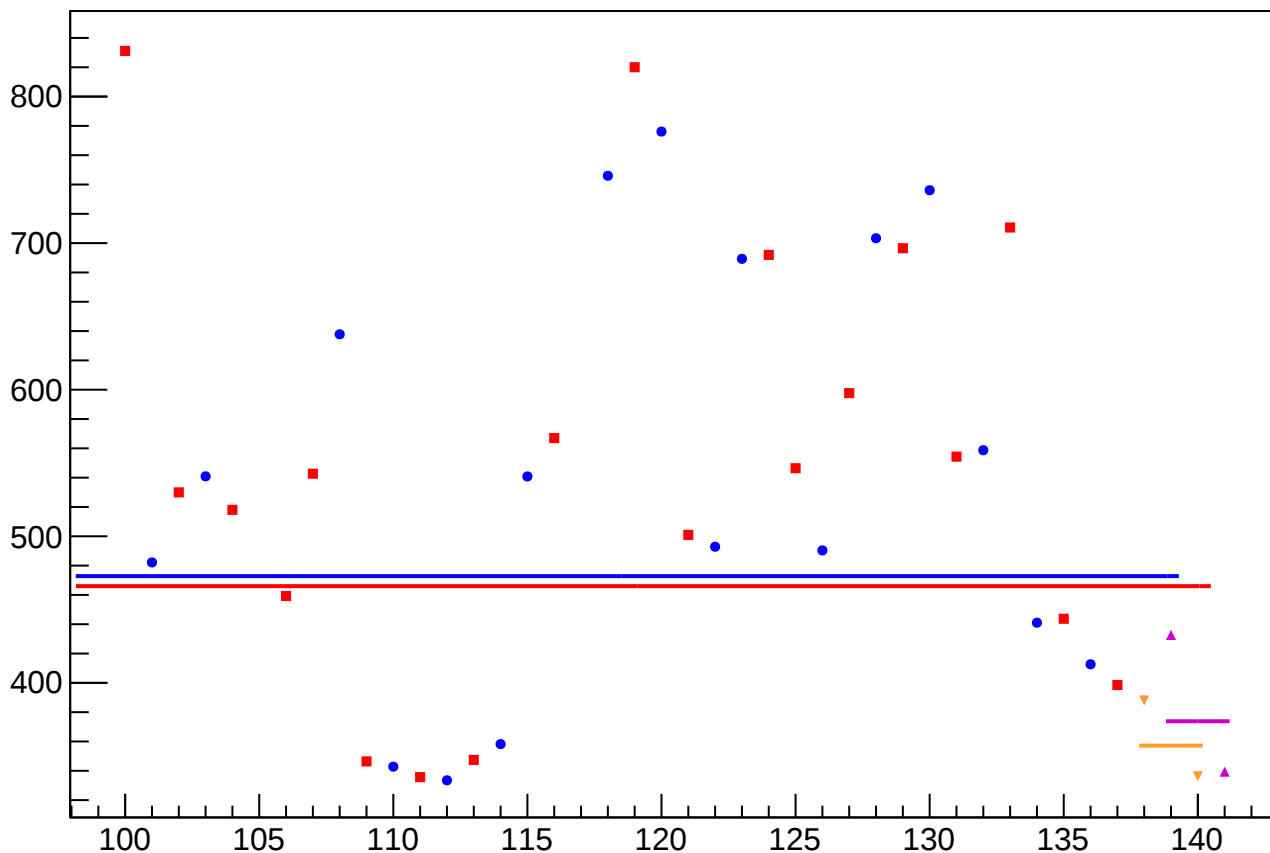
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -84.992+/-159.575 χ^2/NDF : 26.3/18

Out: 128.498+/-154.057 χ^2/NDF : 22.9/20

All: 25.509+/-110.834 χ^2/NDF : 50.1/39

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 357.179 $\pm$ 0.207 χ^2 /NDF:15069.7/1

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 373.798 $\pm$ 0.209 χ^2 /NDF:46582.7/1

Left: 365.418 $\pm$ 0.147 χ^2 /NDF: 64855.5/3

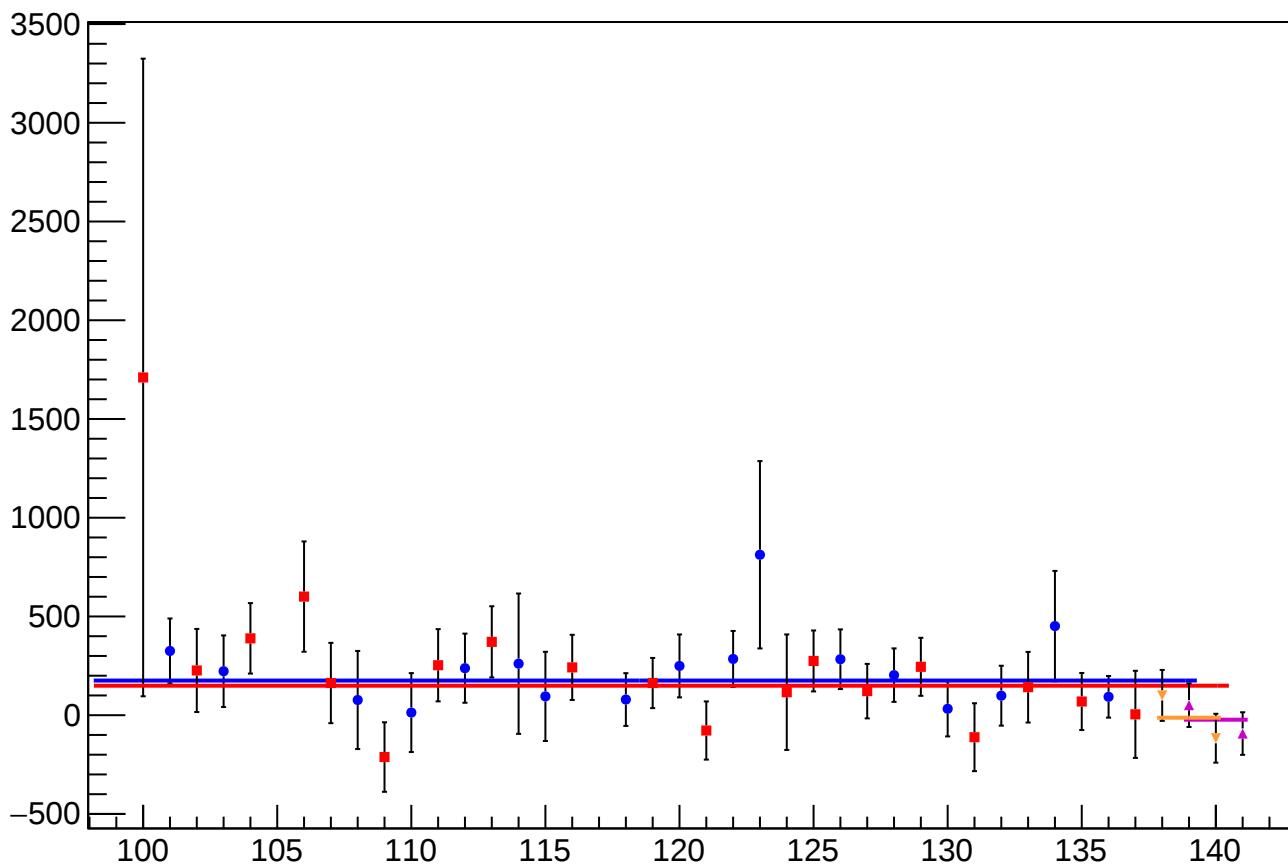
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 443.824 $\pm$ 0.113 χ^2 /NDF:1102429.5/18

Out: 435.782 $\pm$ 0.109 χ^2 /NDF:1157172.4/20

All: 439.662 $\pm$ 0.078 χ^2 /NDF: 2262231.3/39

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: -12.697 $\pm$ 89.304 χ^2 /NDF:1.5/1

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: -18.459 $\pm$ 58.369 χ^2 /NDF: 2.3/3

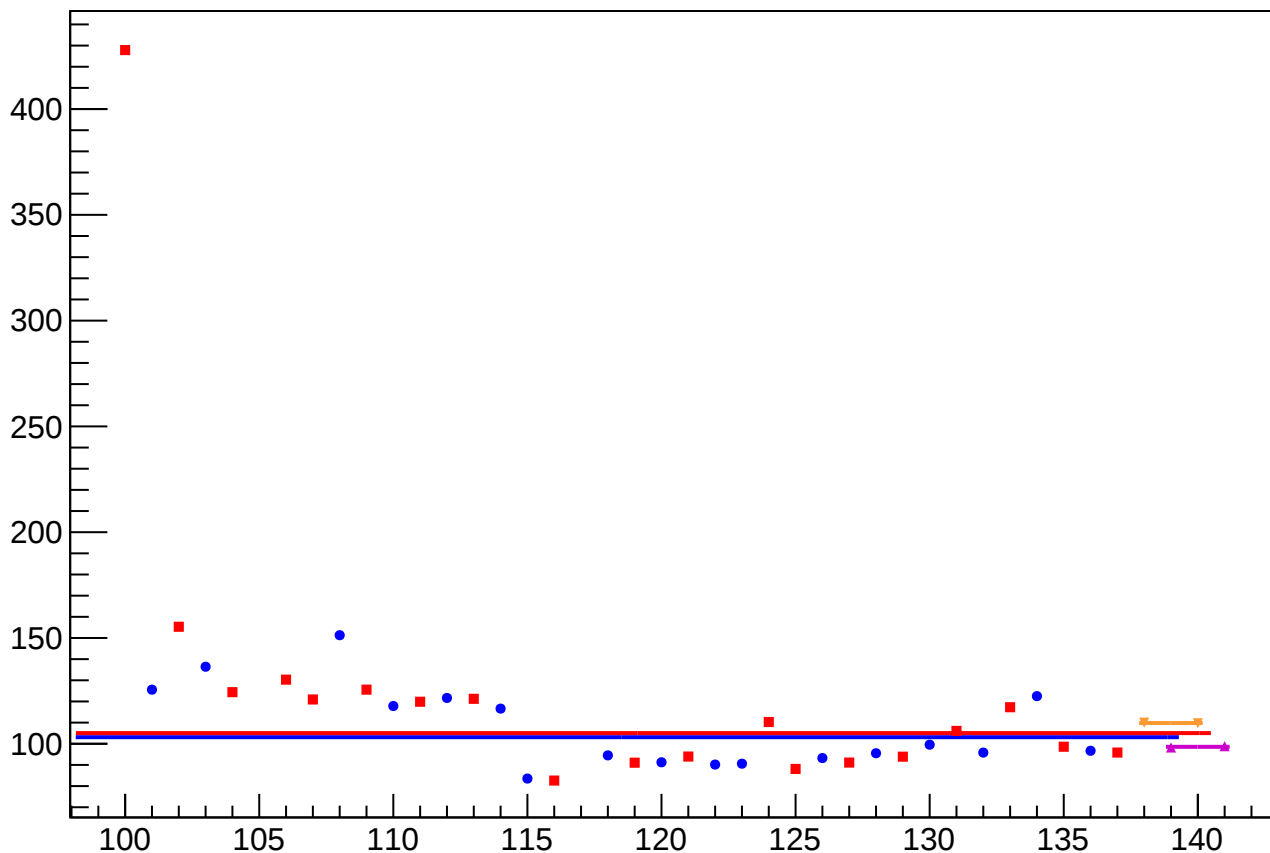
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 132.855 $\pm$ 35.758 χ^2 /NDF:14.6/18

Out: 121.969 $\pm$ 36.748 χ^2 /NDF:22.6/20

All: 127.560 $\pm$ 25.628 χ^2 /NDF: 37.3/39

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 109.806 $\pm$ 0.063 χ^2 /NDF: 5.7/1

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 98.556 $\pm$ 0.055 χ^2 /NDF: 30.4/1

Left: 103.362 $\pm$ 0.041 χ^2 /NDF: 18217.6/3

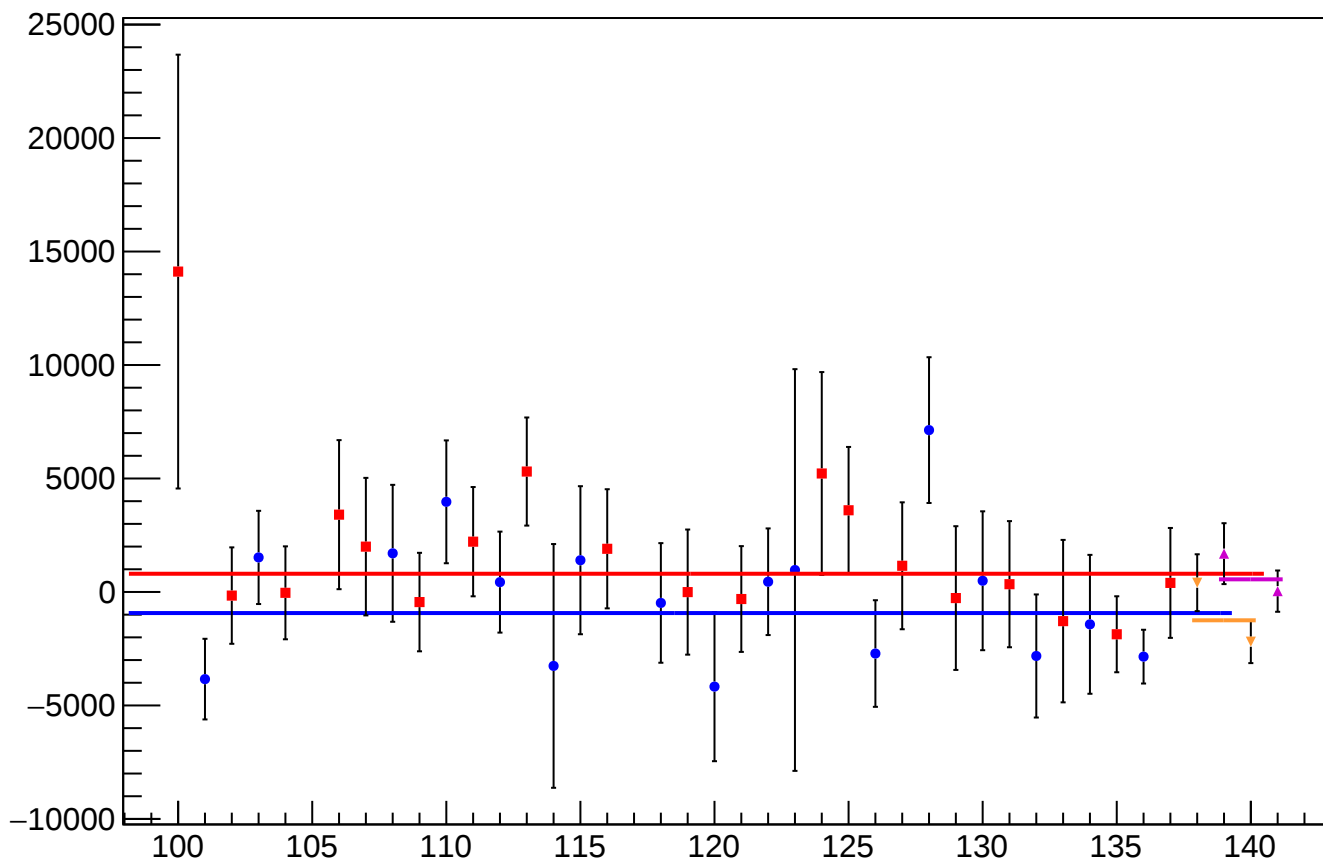
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 102.133 $\pm$ 0.025 χ^2 /NDF: 311948.8/18

Out: 105.852 $\pm$ 0.026 χ^2 /NDF: 453426.2/20

All: 103.941 $\pm$ 0.018 χ^2 /NDF: 775896.1/39

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -1248.152+/-754.029 χ^2/NDF : 2.7/1

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: 556.636+/-752.778 χ^2/NDF : 1.0/1

Left: -344.259+/-532.736 χ^2/NDF : 6.7/3

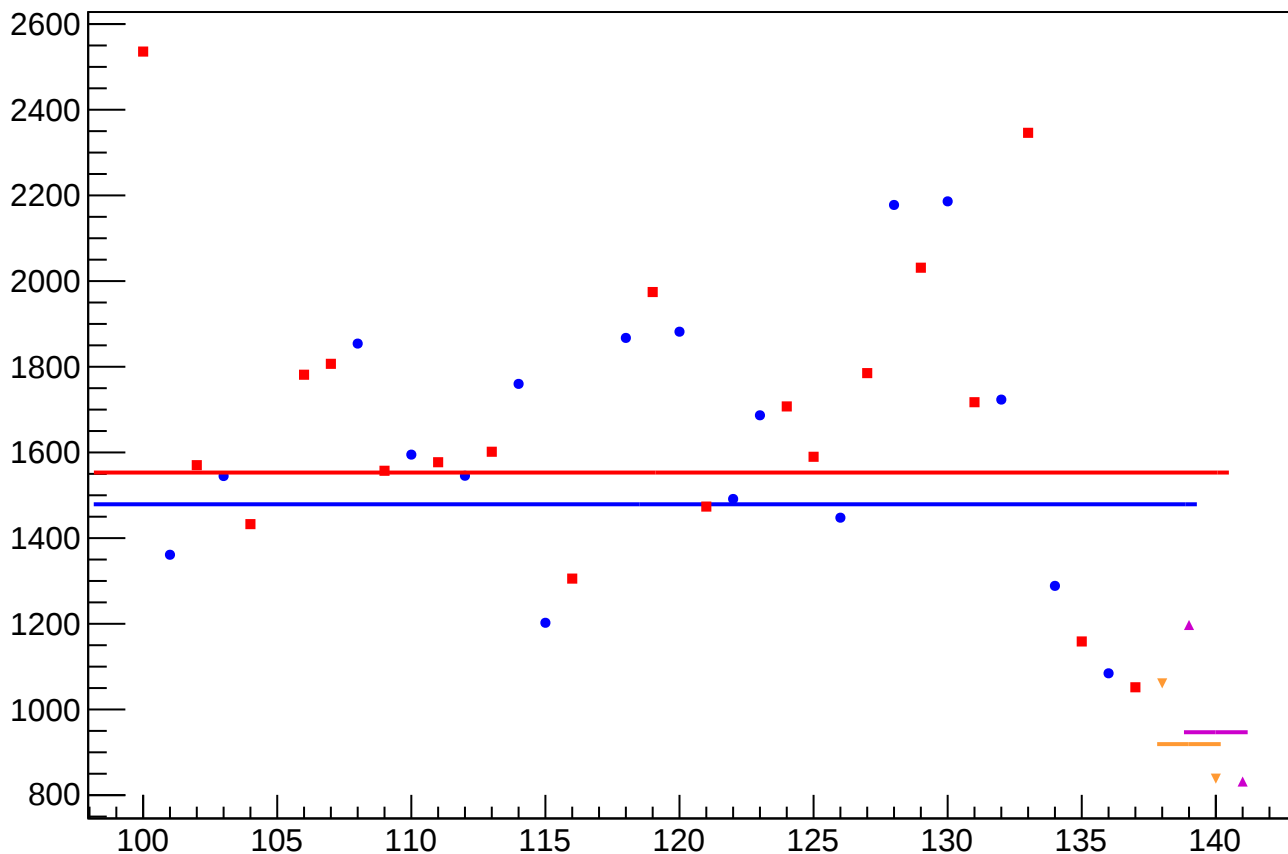
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -367.231+/-462.885 χ^2/NDF : 24.3/18

Out: 17.760+/-466.515 χ^2/NDF : 20.2/20

All: -176.240+/-328.585 χ^2/NDF : 44.9/39

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: 919.142+/-0.533 χ^2/NDF : 40203.2/1

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: 933.033+/-0.377 χ^2/NDF : 143227.9/3

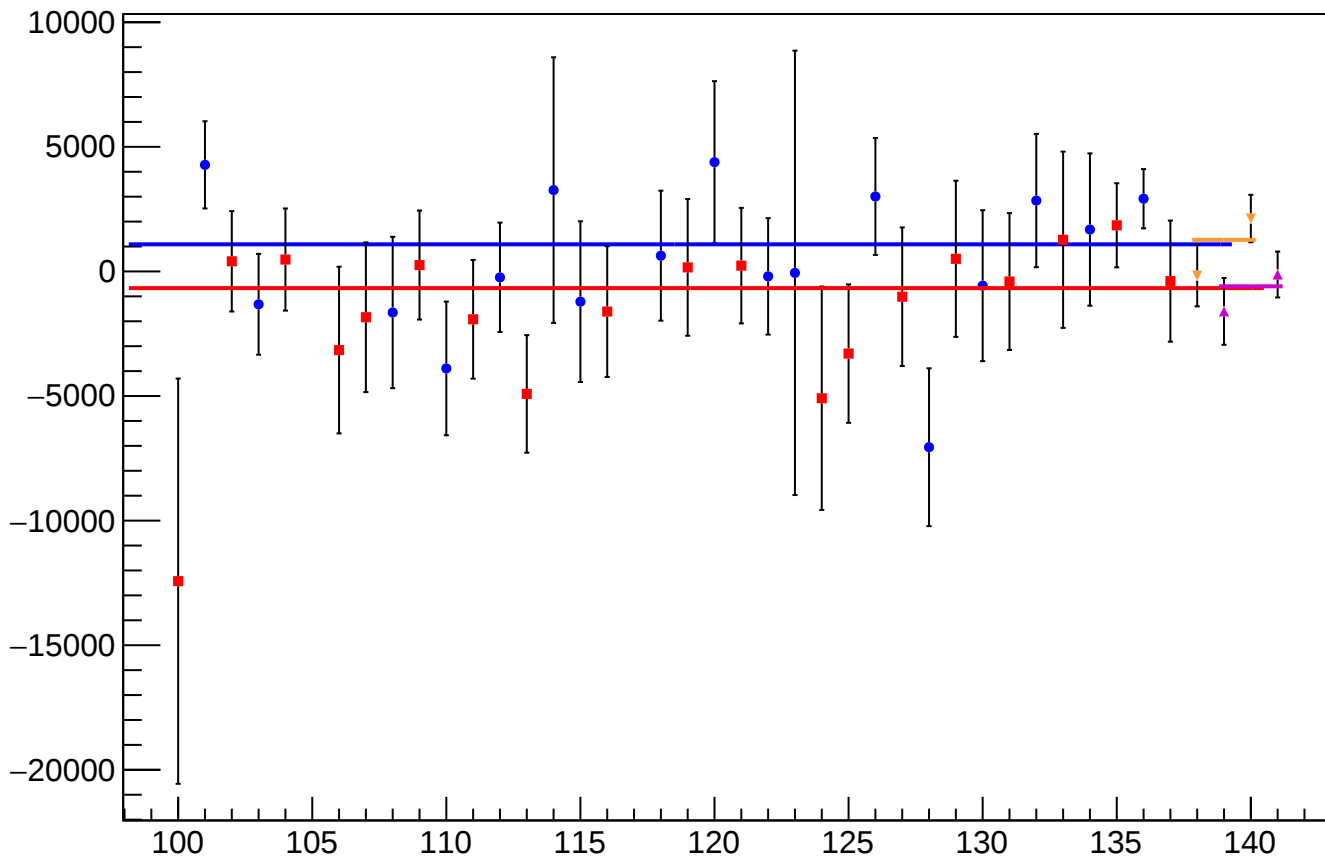
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1277.796+/-0.327 χ^2/NDF : 1312761.4/18

Out: 1310.414+/-0.330 χ^2/NDF : 1396506.5/20

All: 1293.978+/-0.232 χ^2/NDF : 2714194.7/39

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987+/-583.326 χ^2/NDF : 21.8/16

Left Out: 1267.040+/-753.511 χ^2/NDF : 2.2/1

Right Out: -670.176+/-589.991 χ^2/NDF : 12.0/18

Left In: -597.234+/-758.937 χ^2/NDF : 0.8/1

Left: 341.591+/-534.721 χ^2/NDF : 6.0/3

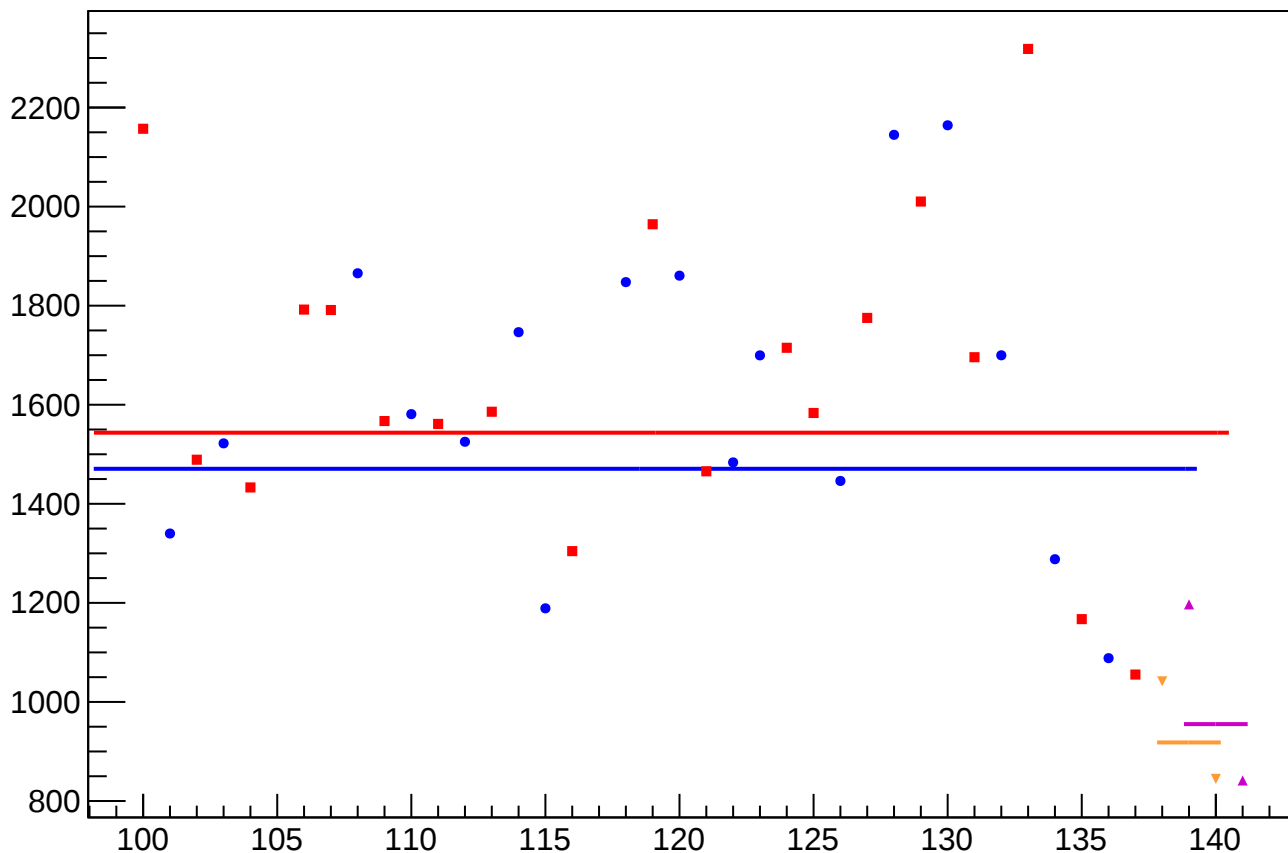
Right: 218.892+/-414.810 χ^2/NDF : 38.4/35

In: 462.146+/-462.497 χ^2/NDF : 25.8/18

Out: 66.092+/-464.535 χ^2/NDF : 18.3/20

All: 264.990+/-327.753 χ^2/NDF : 44.4/39

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 918.233 $\pm$ 0.533 χ^2 /NDF: 31970.8/1

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 955.249 $\pm$ 0.537 χ^2 /NDF: 95501.9/1

Left: 936.608 $\pm$ 0.378 χ^2 /NDF: 129868.6/3

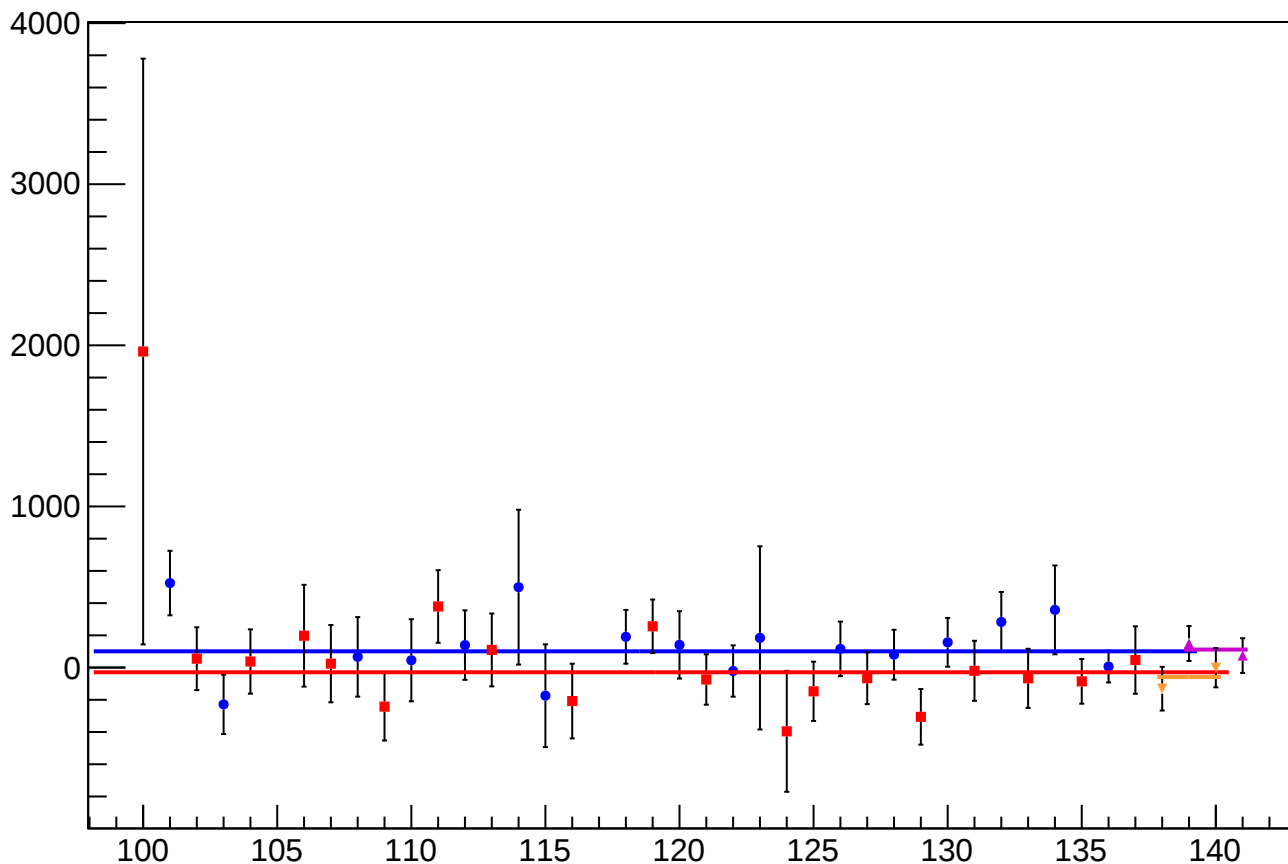
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1279.266 $\pm$ 0.327 χ^2 /NDF: 1243138.5/18

Out: 1305.913 $\pm$ 0.328 χ^2 /NDF: 1340210.9/20

All: 1292.531 $\pm$ 0.232 χ^2 /NDF: 2586654.3/39

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: -58.946 $\pm$ 90.560 χ^2 /NDF:0.5/1

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: 40.840 $\pm$ 58.364 χ^2 /NDF: 2.8/3

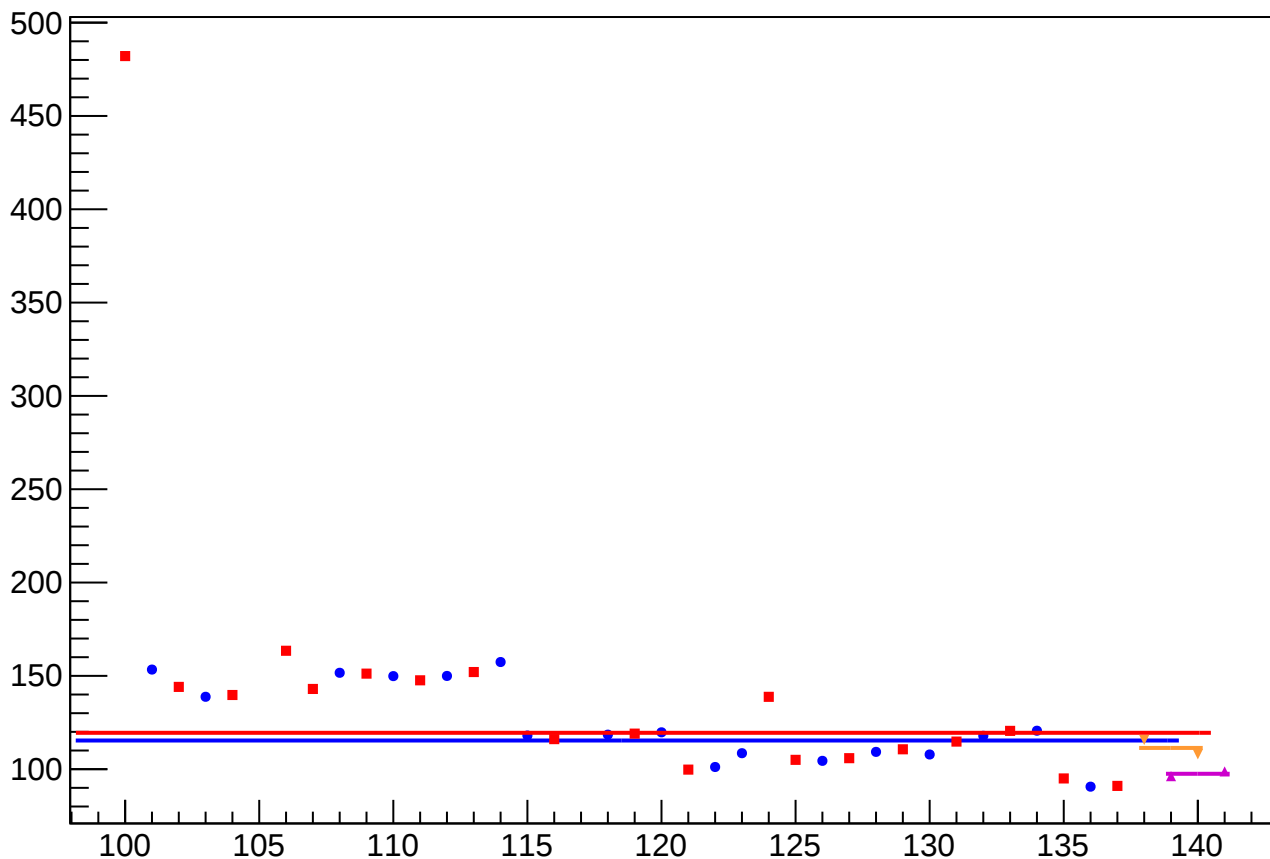
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 103.733 $\pm$ 38.946 χ^2 /NDF:13.3/18

Out: -35.198 $\pm$ 40.796 χ^2 /NDF:15.3/20

All: 37.489 $\pm$ 28.170 χ^2 /NDF: 34.7/39

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: 111.384 $\pm$ 0.064 χ^2 /NDF:3603.5/1

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: 103.287 $\pm$ 0.041 χ^2 /NDF: 31509.8/3

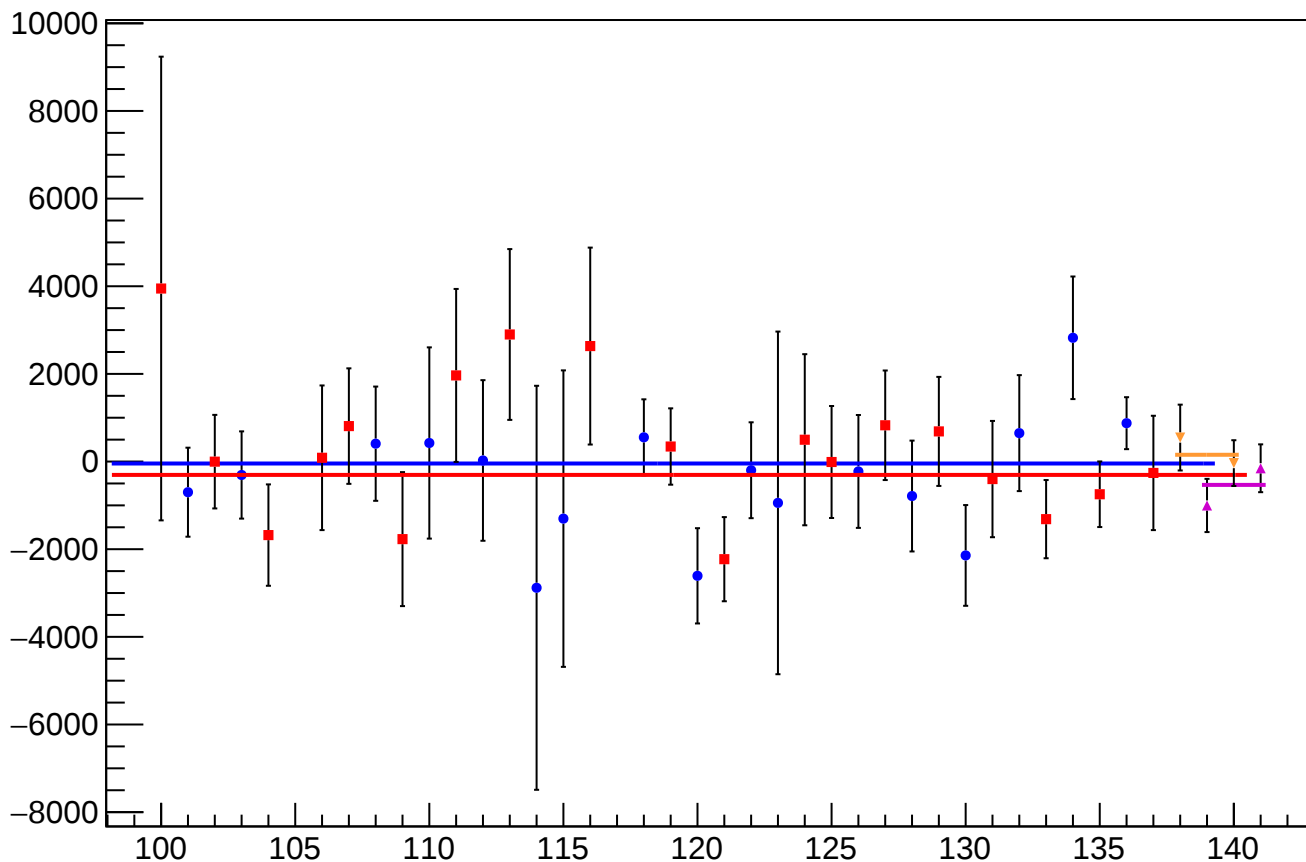
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 110.724 $\pm$ 0.028 χ^2 /NDF:492657.6/18

Out: 117.847 $\pm$ 0.029 χ^2 /NDF:494345.7/20

All: 114.120 $\pm$ 0.020 χ^2 /NDF: 1018897.9/39

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 154.472 ± 428.863 χ^2/NDF : 0.4/1

Right Out: -304.797 ± 282.708 χ^2/NDF : 17.4/18

Left In: -532.811 ± 405.796 χ^2/NDF : 1.1/1

Left: -208.149 ± 294.759 χ^2/NDF : 2.8/3

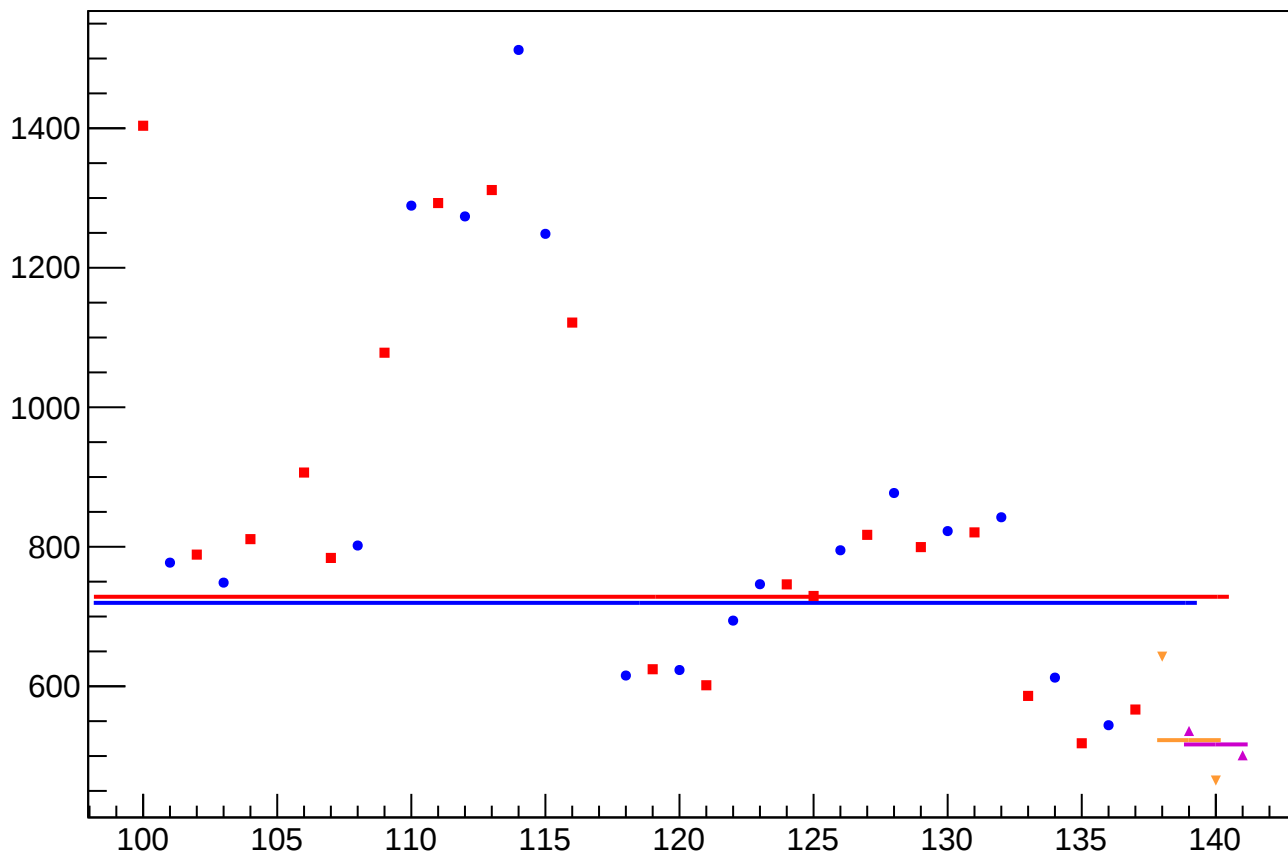
Right: -176.310 ± 201.157 χ^2/NDF : 35.7/35

In: -206.808 ± 233.928 χ^2/NDF : 19.9/18

Out: -165.677 ± 236.037 χ^2/NDF : 18.6/20

All: -186.427 ± 166.153 χ^2/NDF : 38.6/39

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: 522.787 $\pm$ 0.303 χ^2 /NDF: 75382.3/1

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: 519.547 $\pm$ 0.208 χ^2 /NDF: 79248.5/3

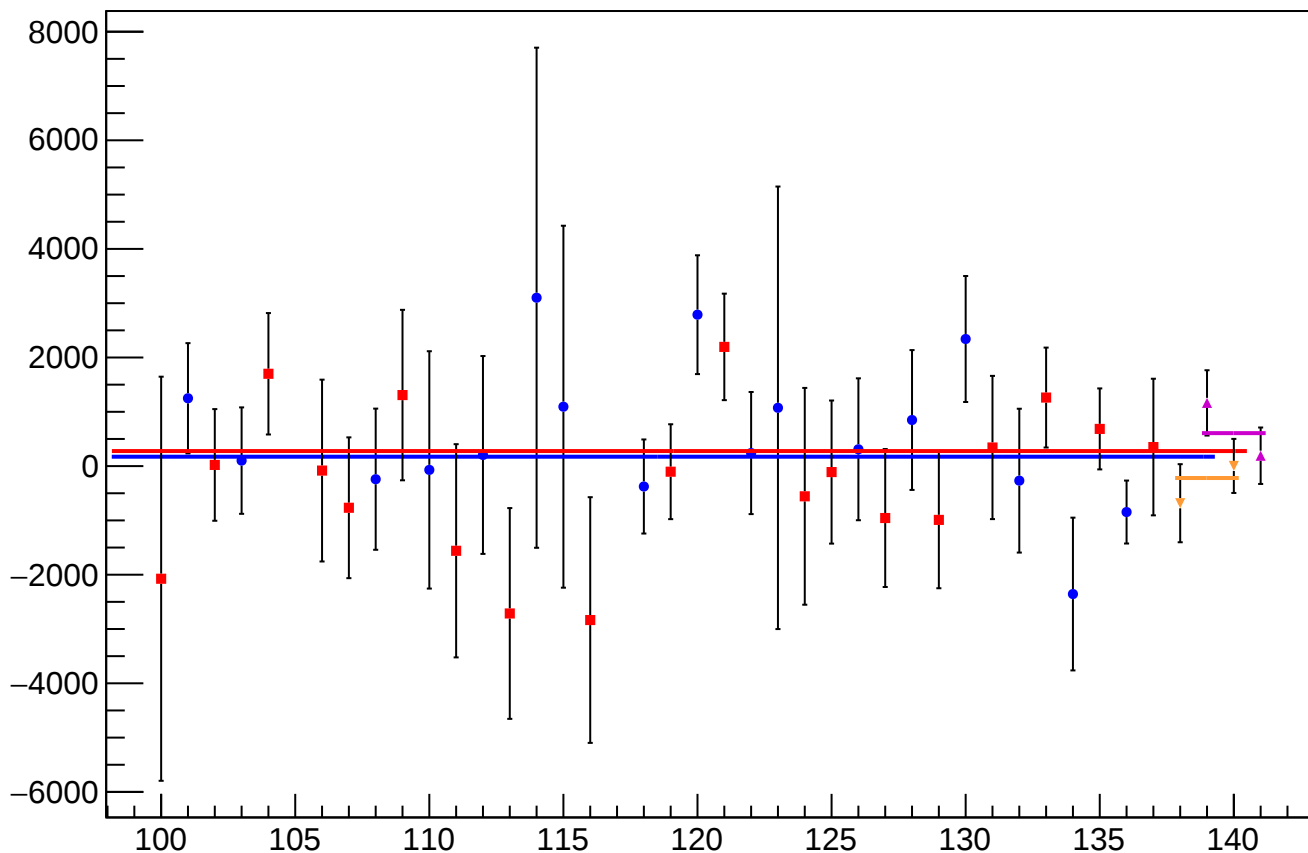
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 652.159 $\pm$ 0.165 χ^2 /NDF: 1084643.2/18

Out: 666.068 $\pm$ 0.167 χ^2 /NDF: 1309296.0/20

All: 659.051 $\pm$ 0.117 χ^2 /NDF: 2397442.8/39

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: -219.186 $\pm$ 409.274 χ^2 /NDF:0.6/1

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: 210.541 $\pm$ 283.574 χ^2 /NDF: 4.2/3

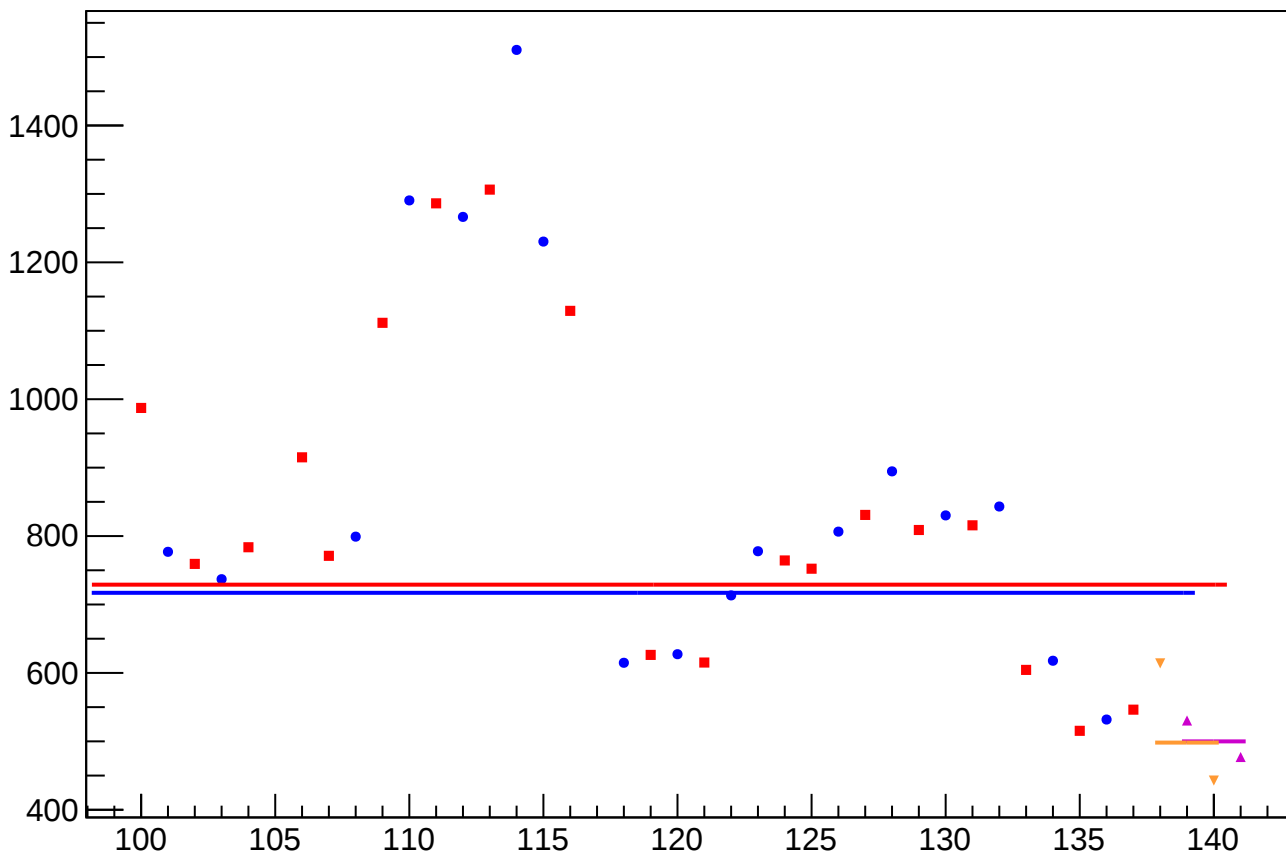
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 323.134 $\pm$ 231.129 χ^2 /NDF:20.4/18

Out: 116.808 $\pm$ 232.619 χ^2 /NDF:17.6/20

All: 220.634 $\pm$ 163.957 χ^2 /NDF: 38.4/39

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 498.202 $\pm$ 0.289 χ^2 /NDF: 76701.7/1

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 499.960 $\pm$ 0.278 χ^2 /NDF: 9002.2/1

Left: 499.116 $\pm$ 0.201 χ^2 /NDF: 85723.0/3

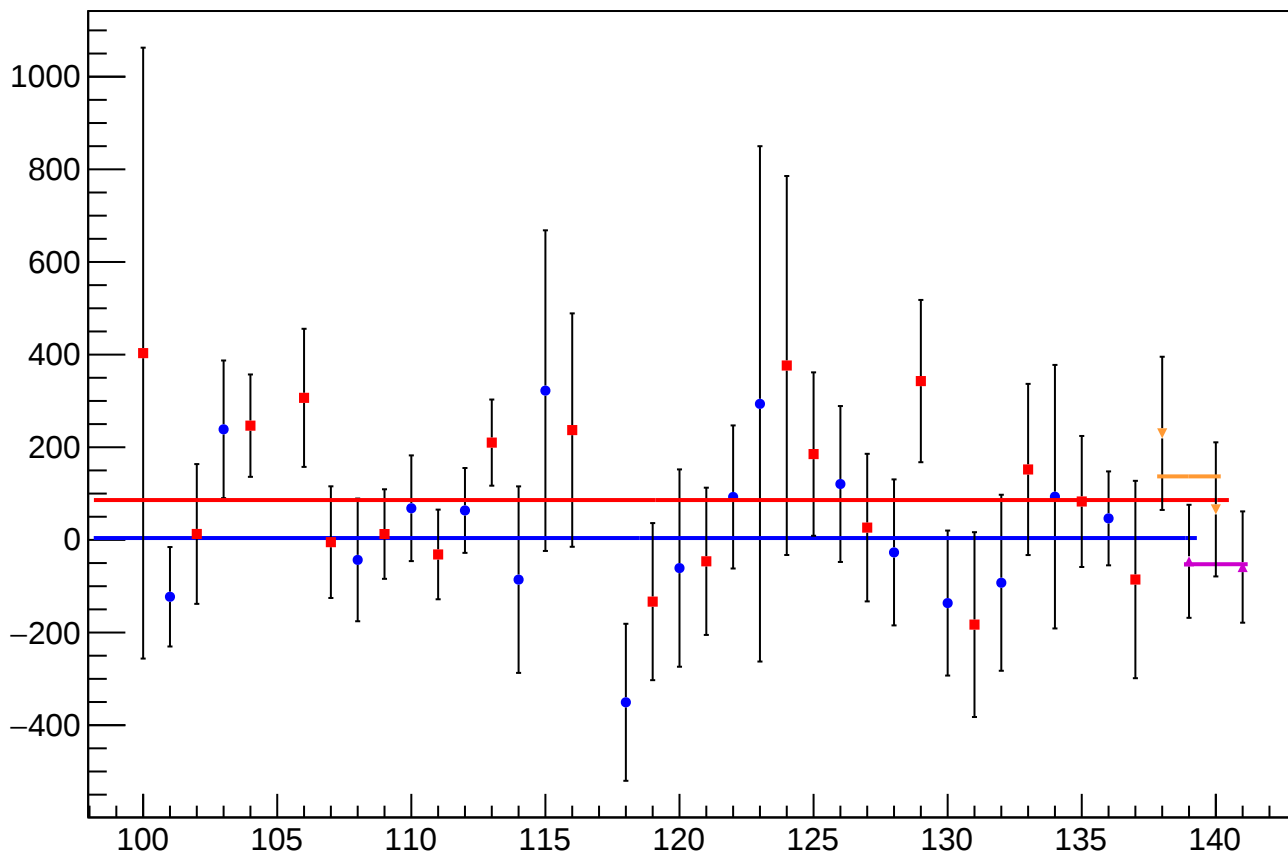
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 642.088 $\pm$ 0.163 χ^2 /NDF: 1190504.7/18

Out: 654.435 $\pm$ 0.164 χ^2 /NDF: 1397937.6/20

All: 648.222 $\pm$ 0.116 χ^2 /NDF: 2591277.5/39

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 $\pm$ 35.950 χ^2 /NDF: 12.7/16

Left Out: 137.105 $\pm$ 108.925 χ^2 /NDF:0.6/1

Right Out: 86.020 $\pm$ 33.370 χ^2 /NDF: 17.6/18

Left In: -52.513 $\pm$ 85.614 χ^2 /NDF:0.0/1

Left: 19.897 $\pm$ 67.311 χ^2 /NDF: 2.4/3

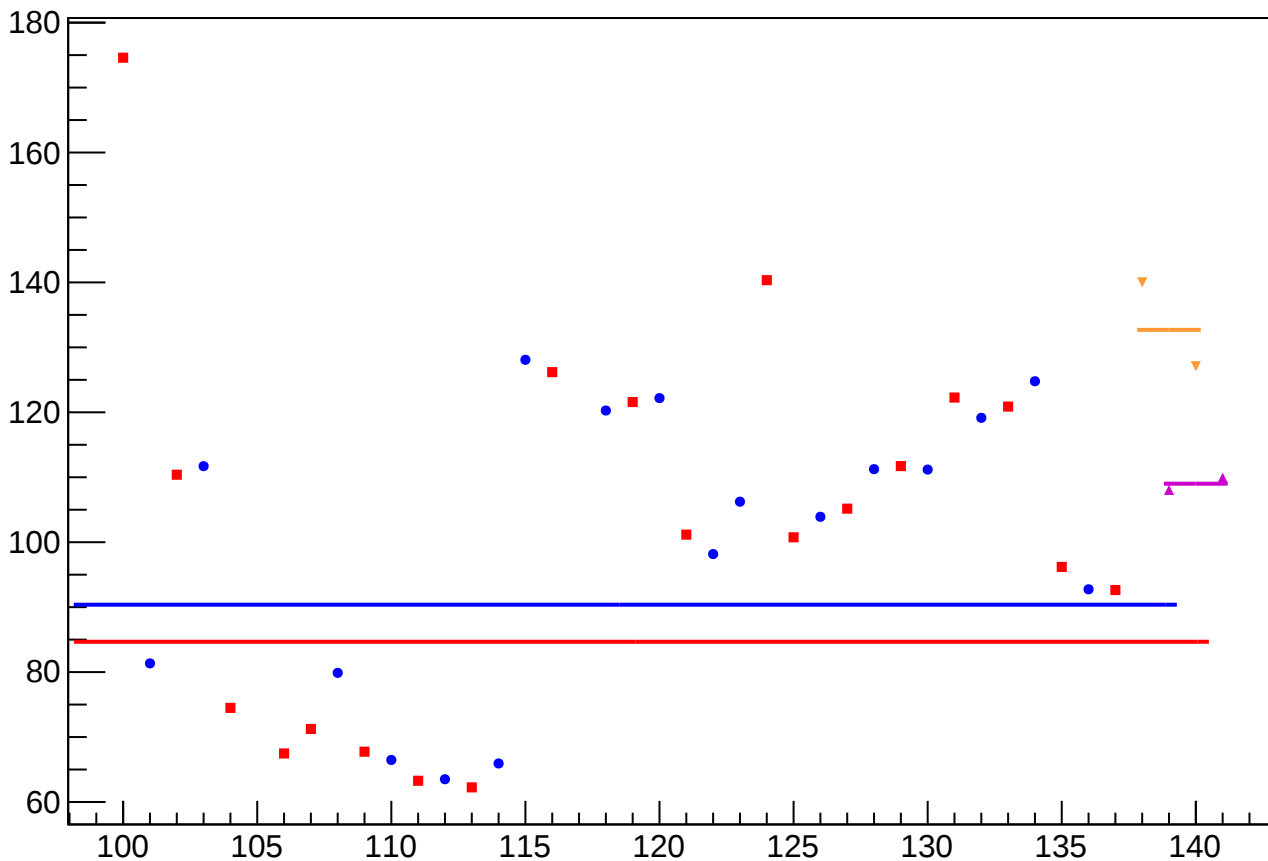
Right: 48.064 $\pm$ 24.458 χ^2 /NDF: 33.1/35

In: -4.461 $\pm$ 33.147 χ^2 /NDF:13.1/18

Out: 90.403 $\pm$ 31.906 χ^2 /NDF:18.4/20

All: 44.779 $\pm$ 22.987 χ^2 /NDF: 35.7/39

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 132.697+/-0.077 χ^2/NDF : 6910.8/1

Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 109.010+/-0.061 χ^2/NDF : 243.4/1

Left: 118.056+/-0.048 χ^2/NDF : 65618.8/3

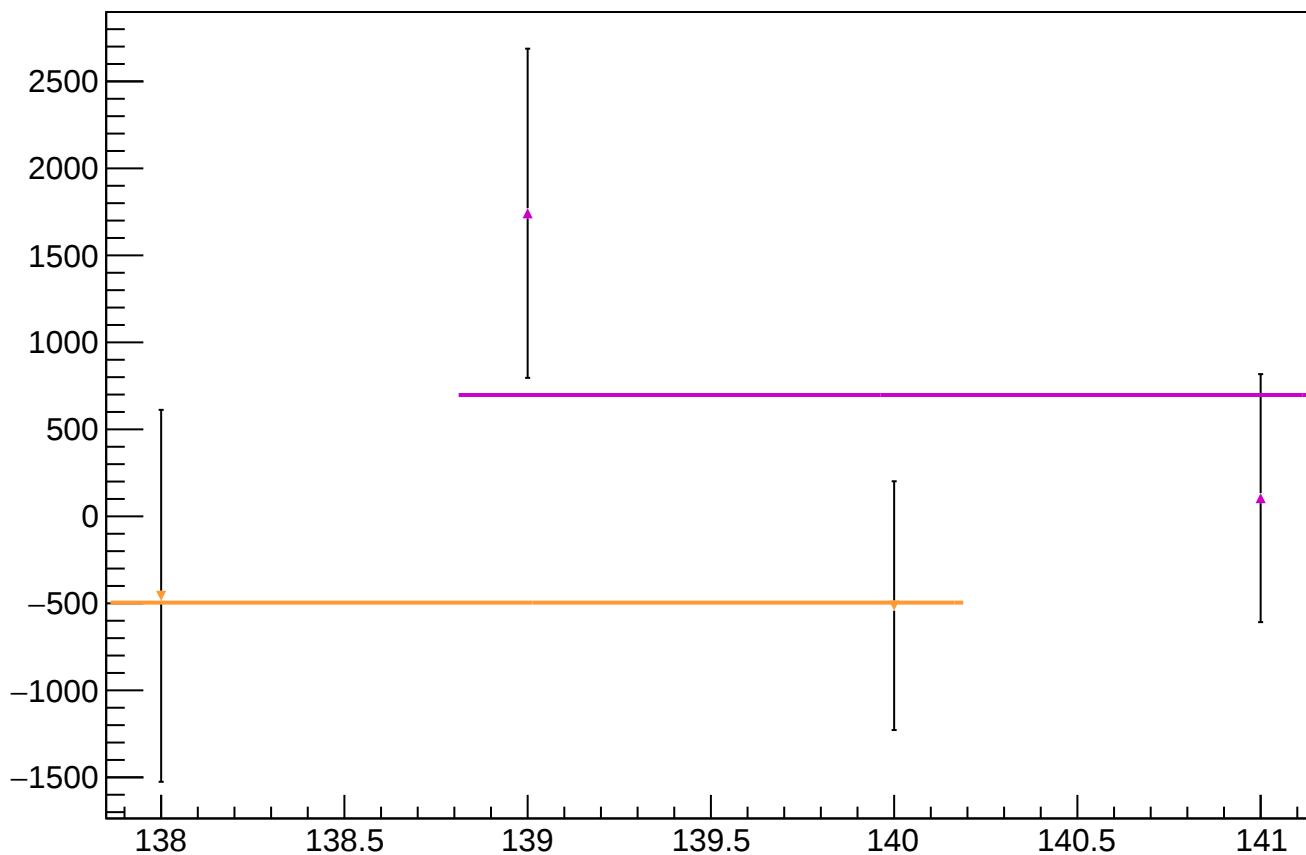
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 93.168+/-0.023 χ^2/NDF : 734932.0/18

Out: 88.793+/-0.023 χ^2/NDF : 1270456.8/20

All: 90.898+/-0.016 χ^2/NDF : 2023473.4/39

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -495.774+/-594.233 χ^2/NDF : 0.0/1

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: 126.501+/-411.065 χ^2/NDF : 4.0/3

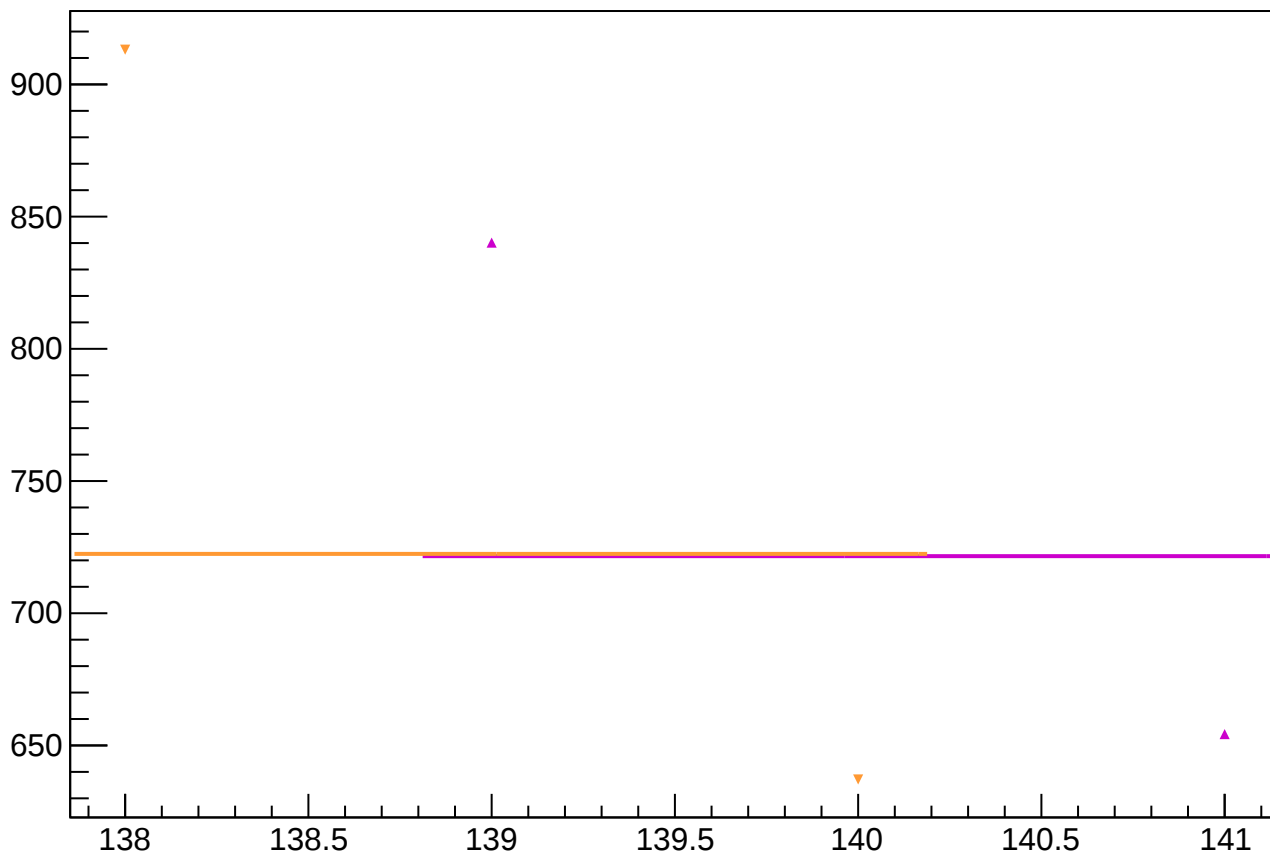
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 697.532+/-569.240 χ^2/NDF : 1.9/1

Out: -495.774+/-594.233 χ^2/NDF : 0.0/1

All: 126.501+/-411.065 χ^2/NDF : 4.0/3

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 722.445+/-0.420 χ^2/NDF : 92140.1/1

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: 722.000+/-0.291 χ^2/NDF : 141397.4/3

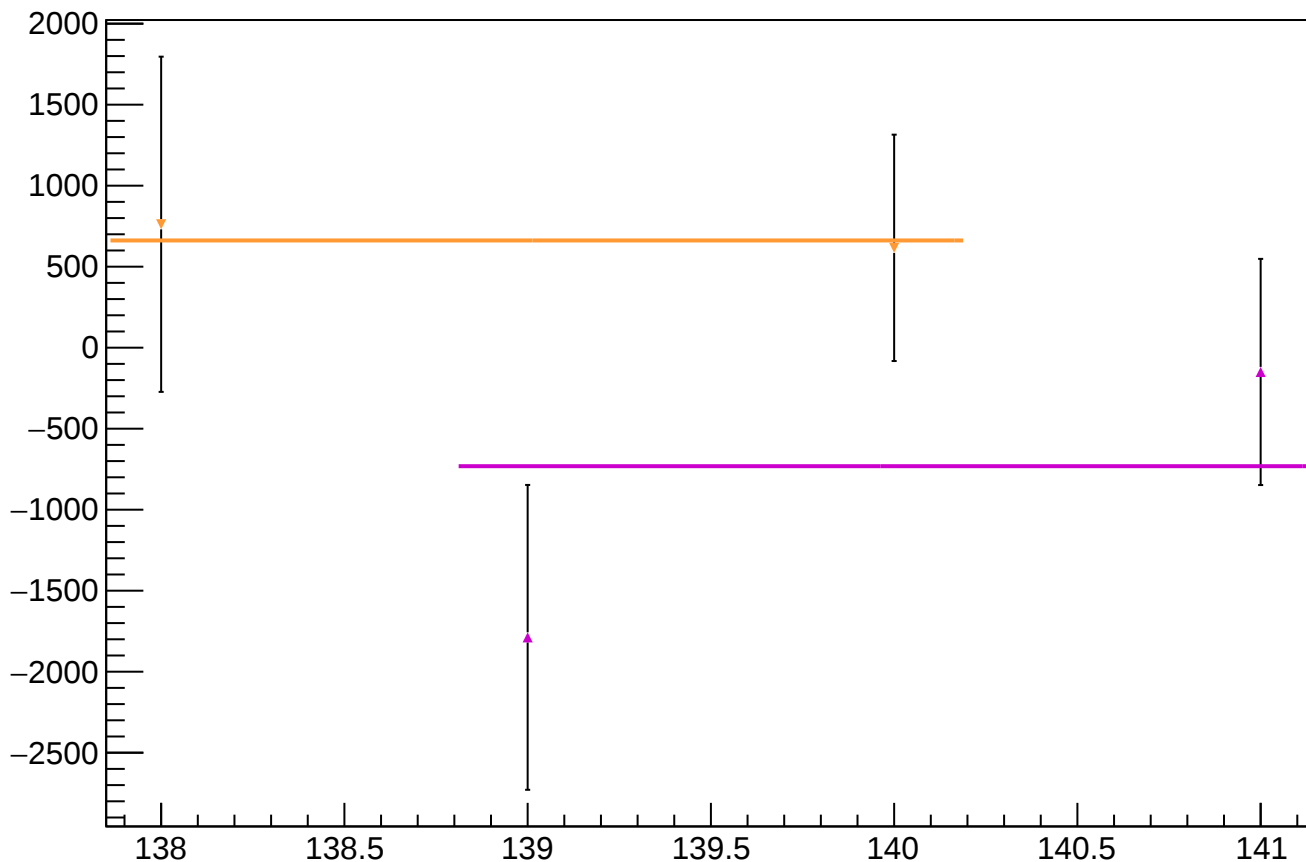
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 721.593+/-0.403 χ^2/NDF : 49255.2/1

Out: 722.445+/-0.420 χ^2/NDF : 92140.1/1

All: 722.000+/-0.291 χ^2/NDF : 141397.4/3

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 661.817+/-579.006 χ^2/NDF :0.0/1

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: -57.331+/-402.756 χ^2/NDF : 5.0/3

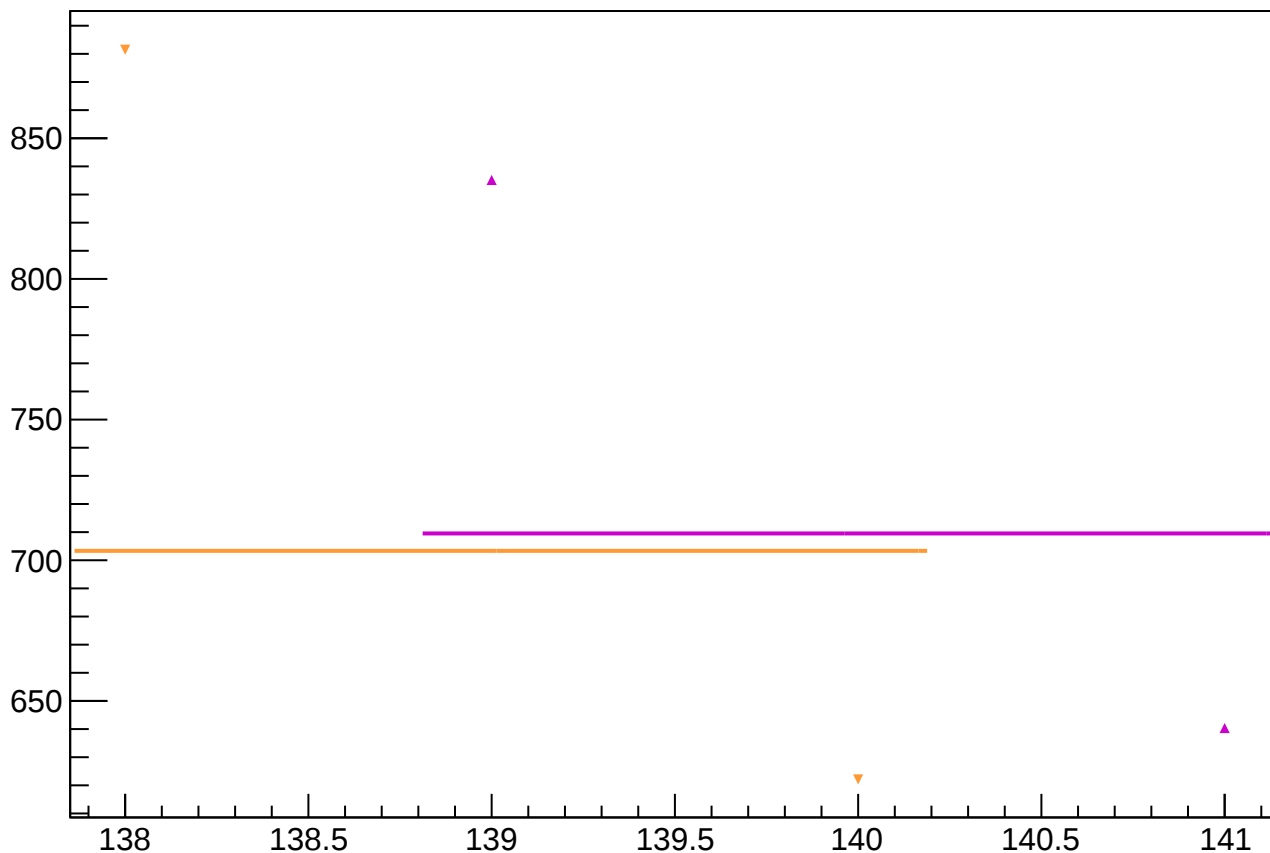
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -731.501+/-560.607 χ^2/NDF :2.0/1

Out: 661.817+/-579.006 χ^2/NDF :0.0/1

All: -57.331+/-402.756 χ^2/NDF : 5.0/3

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 703.347+/-0.409 χ^2/NDF :86327.3/1

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: 706.540+/-0.285 χ^2/NDF : 141740.8/3

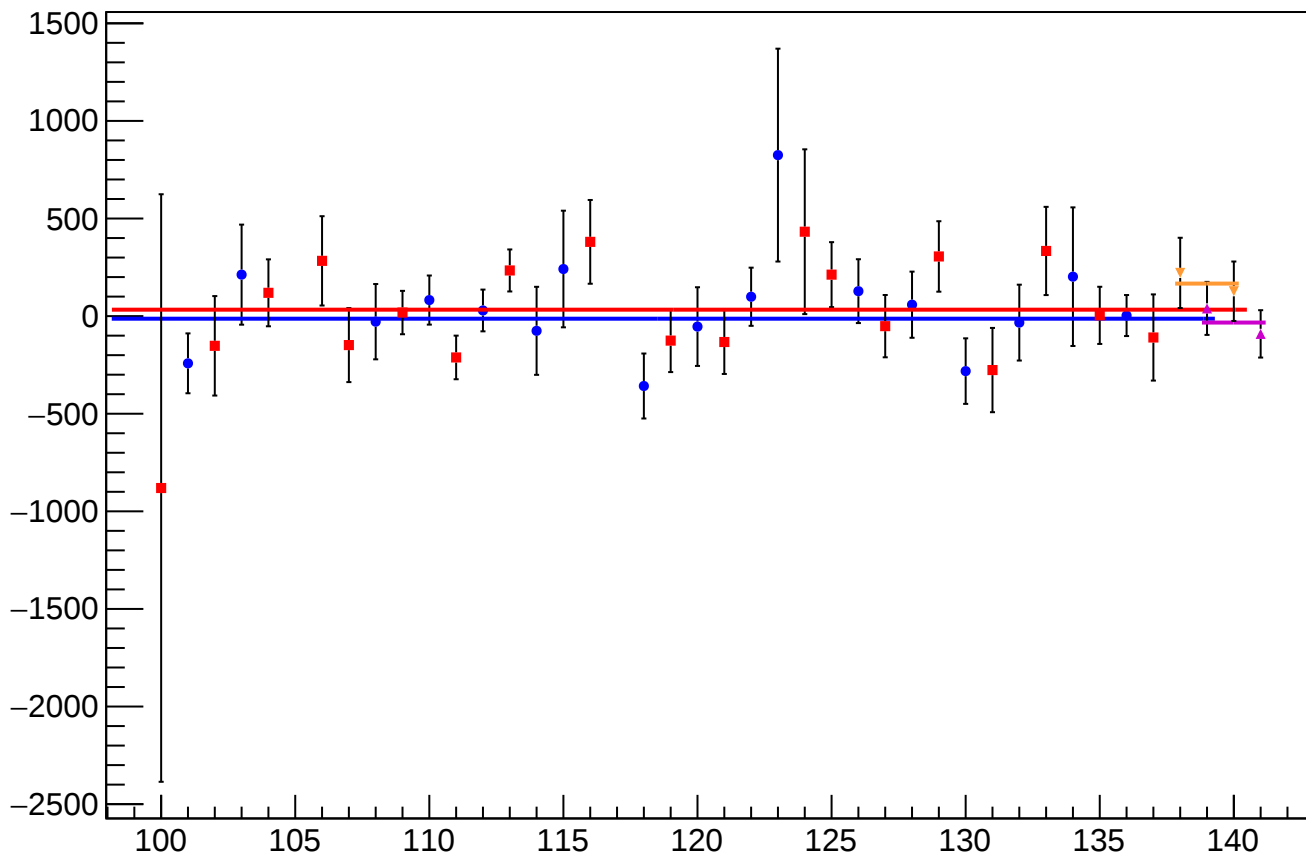
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 709.533+/-0.396 χ^2/NDF :55295.7/1

Out: 703.347+/-0.409 χ^2/NDF :86327.3/1

All: 706.540+/-0.285 χ^2/NDF : 141740.8/3

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 166.677 ± 116.232 χ^2/NDF : 0.2/1

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: 42.346 ± 71.393 χ^2/NDF : 2.5/3

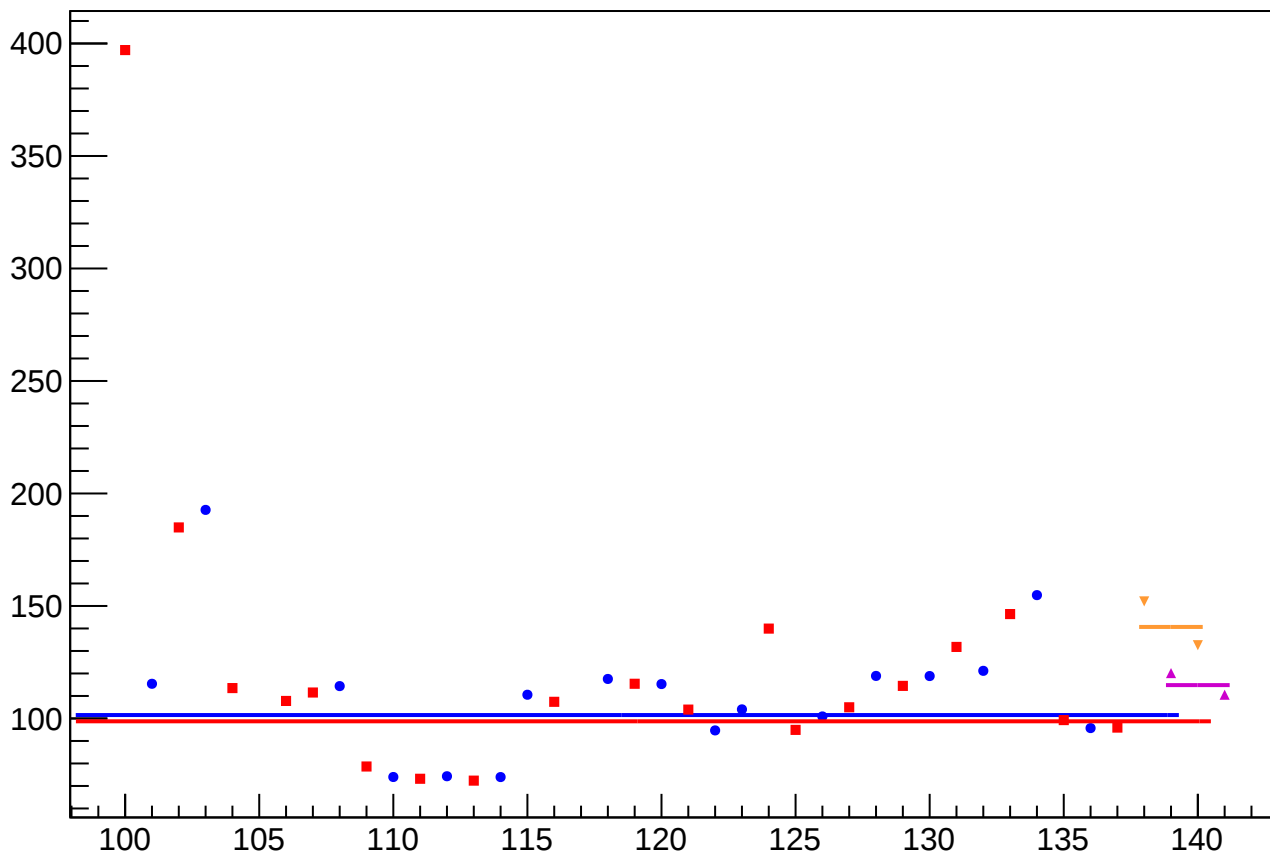
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: -16.522 ± 37.006 χ^2/NDF : 16.2/18

Out: 46.475 ± 36.870 χ^2/NDF : 26.4/20

All: 15.092 ± 26.119 χ^2/NDF : 44.1/39

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 140.680 $\pm$ 0.082 χ^2 /NDF:13652.0/1

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 114.826 $\pm$ 0.064 χ^2 /NDF:5568.9/1

Left: 124.580 $\pm$ 0.050 χ^2 /NDF: 80839.7/3

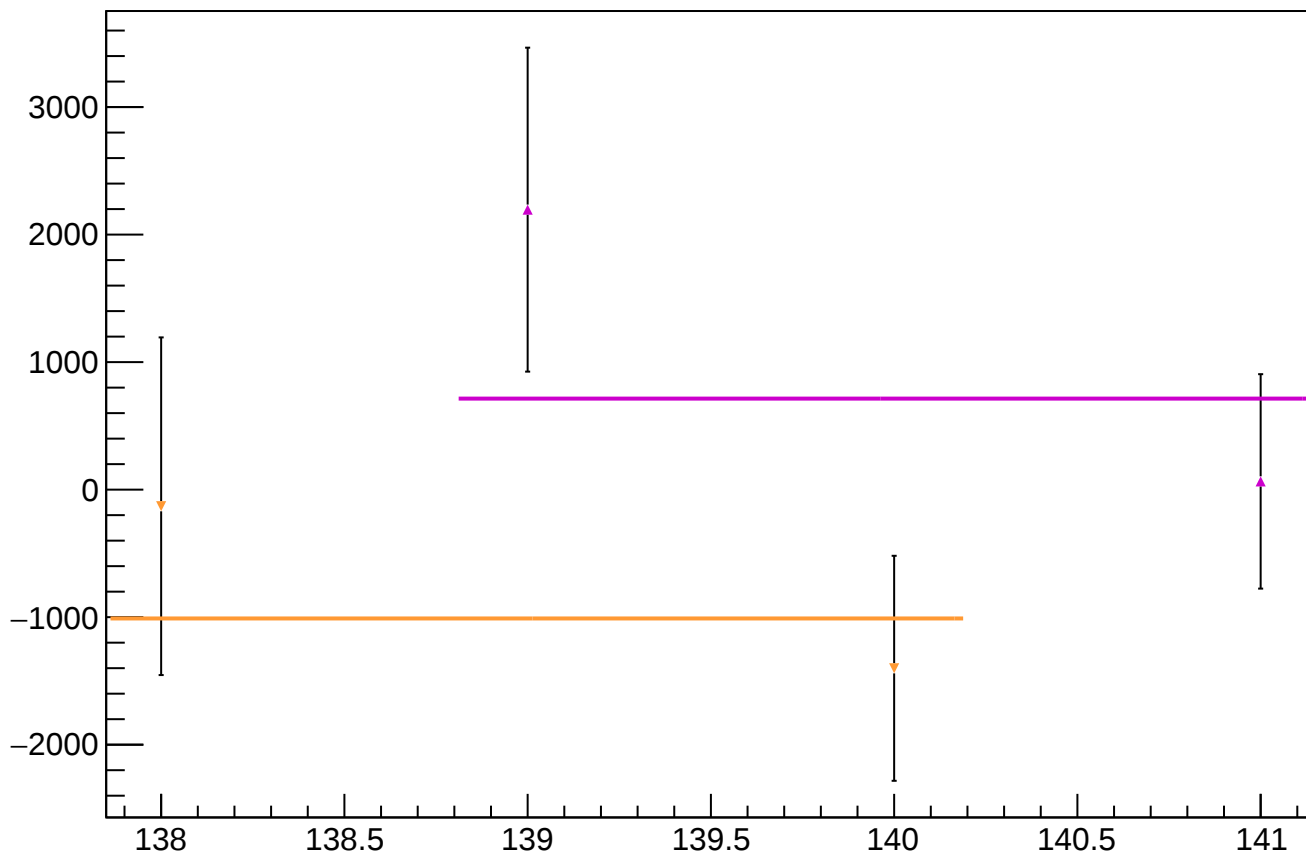
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 103.746 $\pm$ 0.026 χ^2 /NDF:723314.0/18

Out: 102.956 $\pm$ 0.026 χ^2 /NDF:1073524.7/20

All: 103.350 $\pm$ 0.018 χ^2 /NDF: 1797295.2/39

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1010.164+/-734.135 χ^2/NDF :0.6/1

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: -108.480+/-507.030 χ^2/NDF : 5.5/3

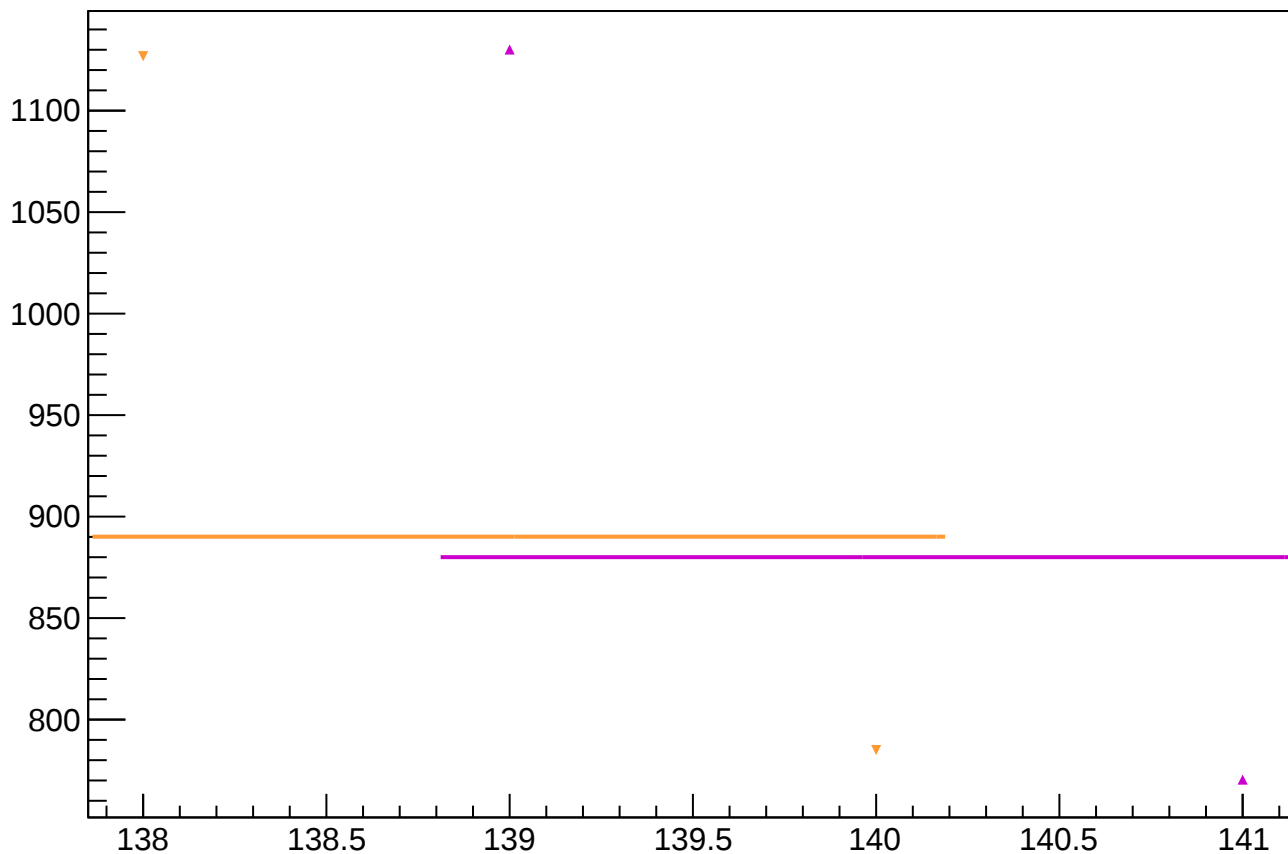
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.883+/-701.101 χ^2/NDF :2.0/1

Out: -1010.164+/-734.135 χ^2/NDF :0.6/1

All: -108.480+/-507.030 χ^2/NDF : 5.5/3

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 890.103+/-0.519 χ^2/NDF :92345.8/1

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: 884.832+/-0.359 χ^2/NDF : 204063.8/3

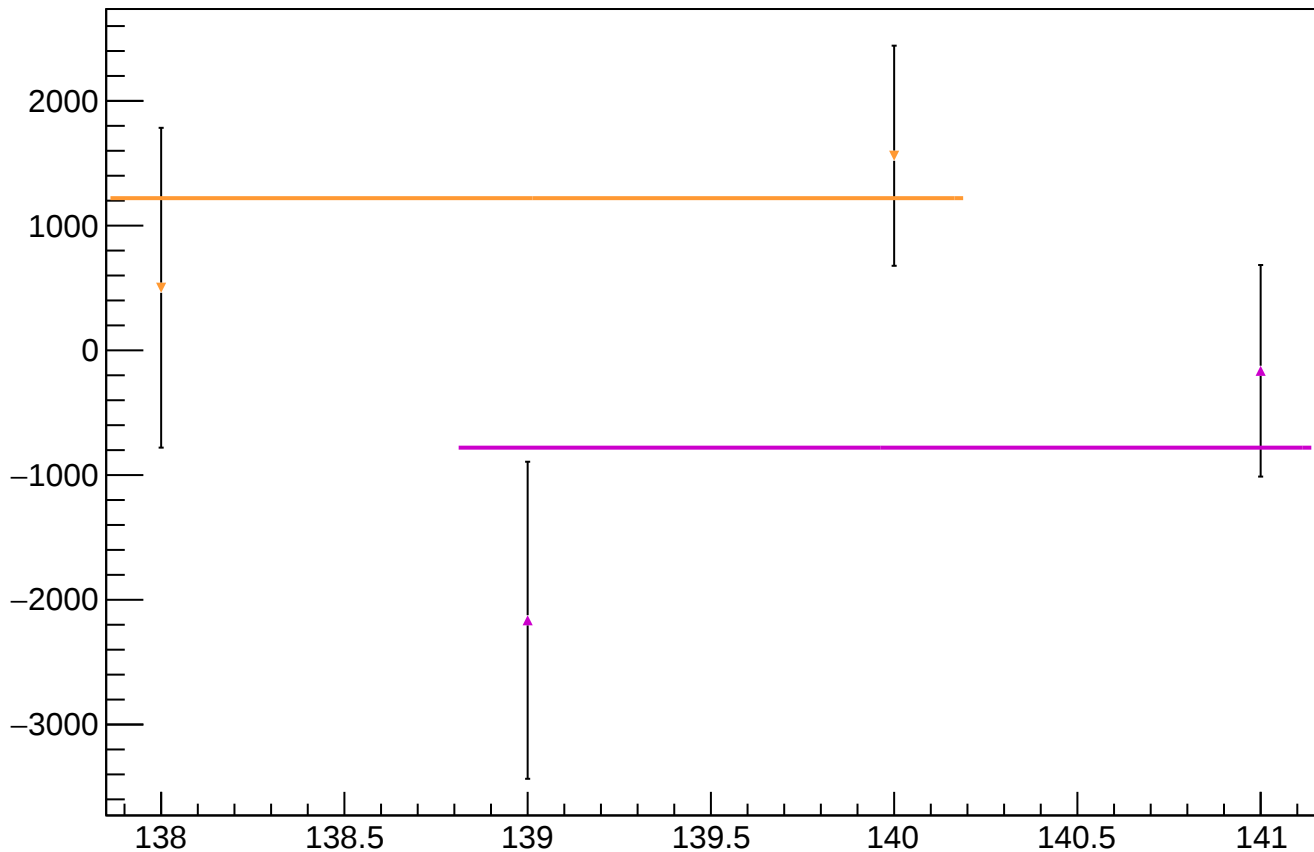
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 880.025+/-0.496 χ^2/NDF :111520.8/1

Out: 890.103+/-0.519 χ^2/NDF :92345.8/1

All: 884.832+/-0.359 χ^2/NDF : 204063.8/3

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1220.164+/-726.882 χ^2/NDF : 0.5/1

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: 190.147+/-506.266 χ^2/NDF : 6.1/3

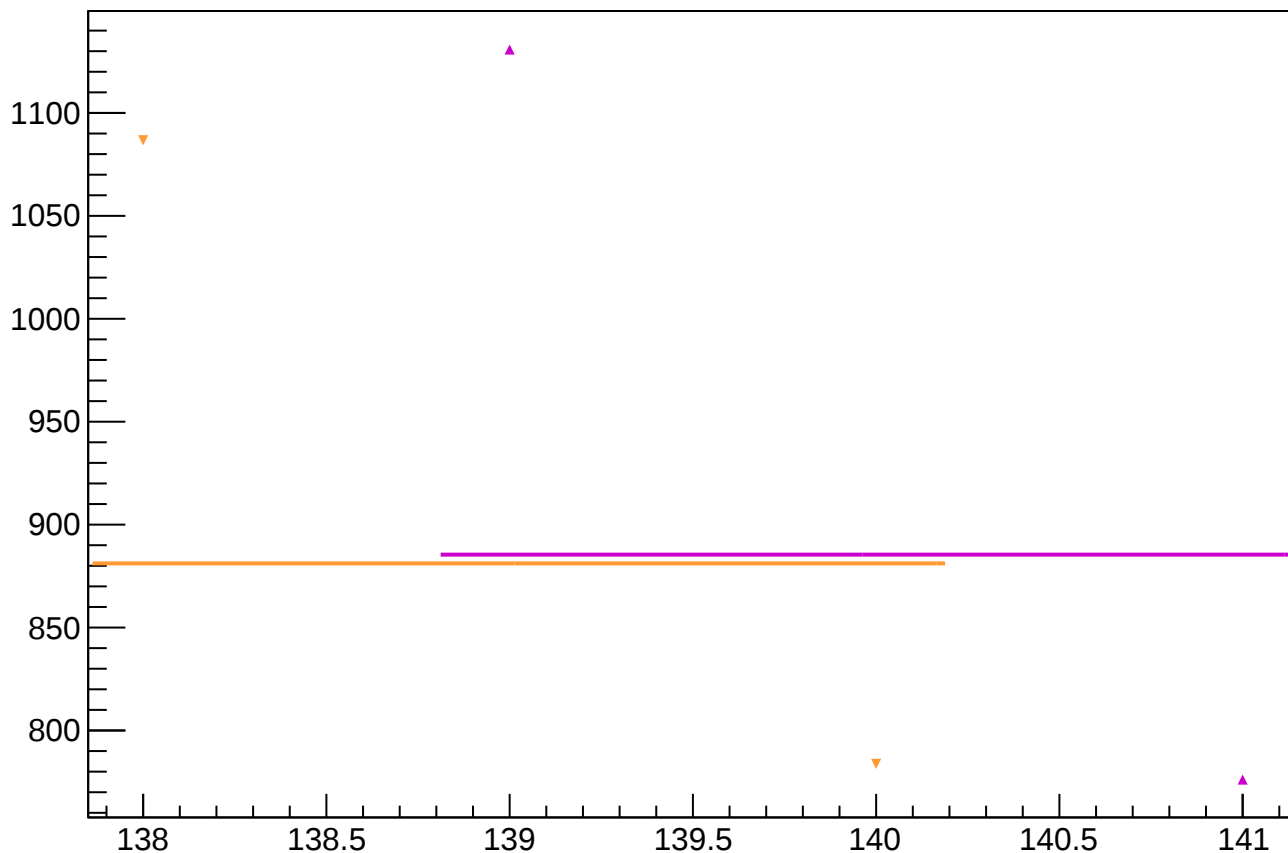
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -780.250+/-705.532 χ^2/NDF : 1.7/1

Out: 1220.164+/-726.882 χ^2/NDF : 0.5/1

All: 190.147+/-506.266 χ^2/NDF : 6.1/3

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 881.171+/-0.514 χ^2/NDF : 75773.9/1

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: 883.360+/-0.358 χ^2/NDF : 183541.6/3

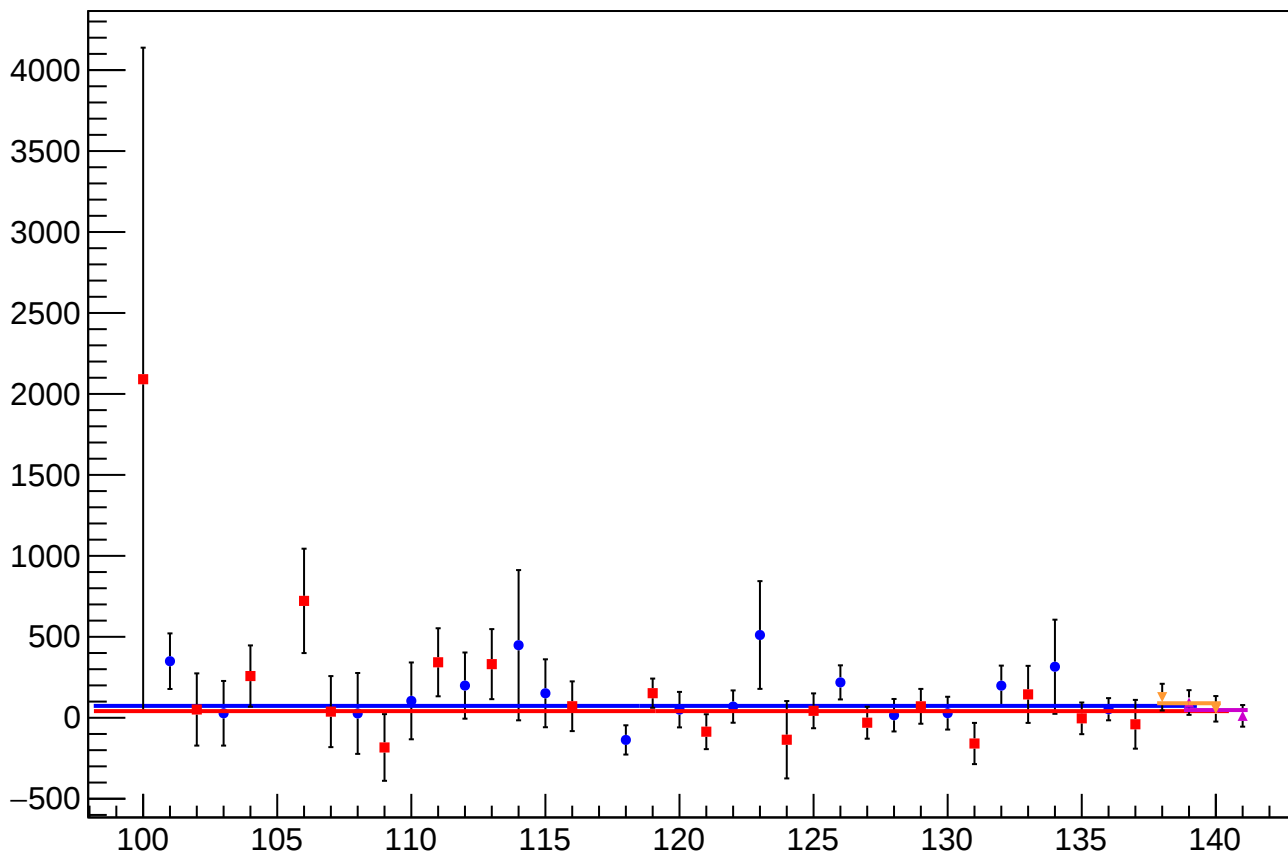
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 885.422+/-0.499 χ^2/NDF : 107732.4/1

Out: 881.171+/-0.514 χ^2/NDF : 75773.9/1

All: 883.360+/-0.358 χ^2/NDF : 183541.6/3

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448+/-31.060 χ^2/NDF : 15.3/16

Left Out: 89.770+/-56.969 χ^2/NDF : 0.4/1

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: 66.127+/-37.686 χ^2/NDF : 1.4/3

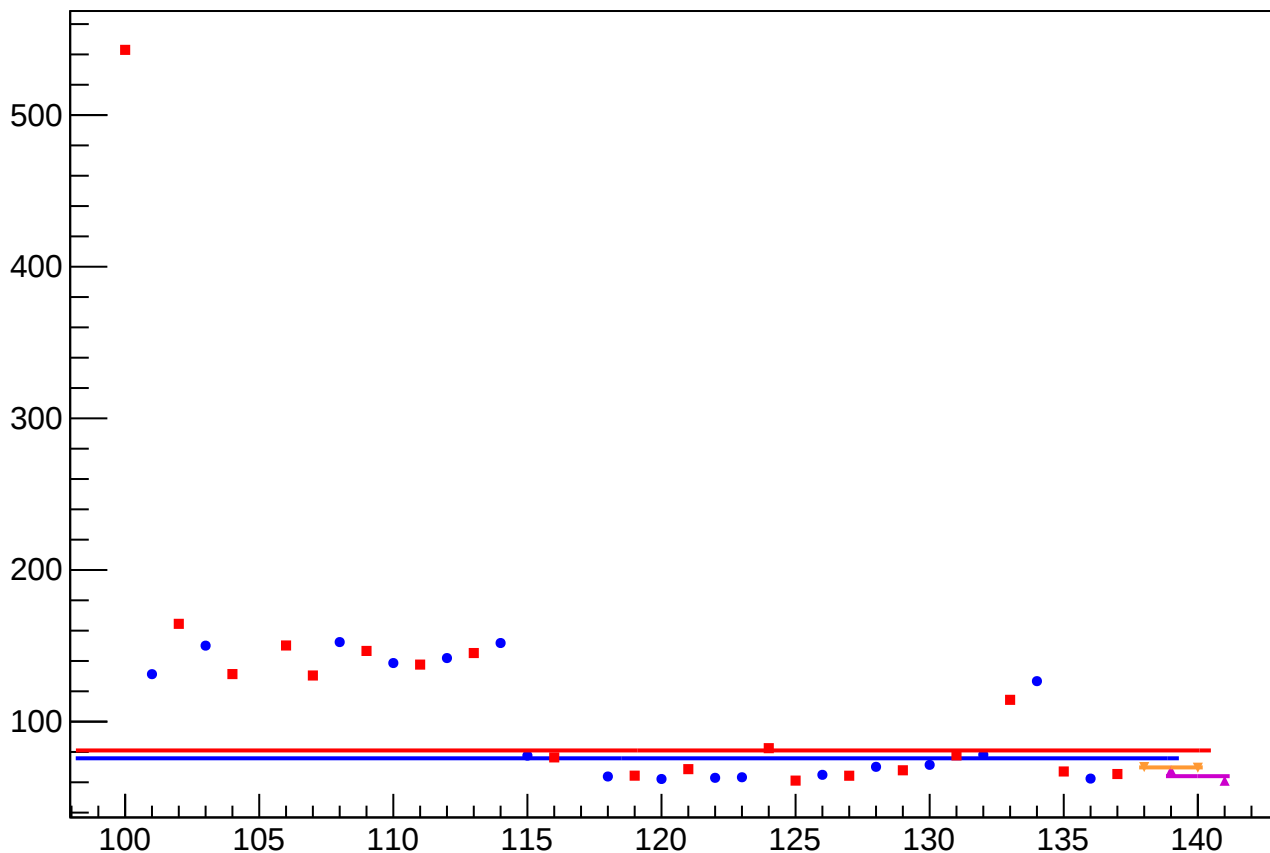
Right: 58.134+/-22.534 χ^2/NDF : 35.0/35

In: 66.339+/-26.421 χ^2/NDF : 16.1/18

Out: 53.197+/-28.387 χ^2/NDF : 20.2/20

All: 60.239+/-19.340 χ^2/NDF : 36.4/39

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 69.811 $\pm$ 0.040 χ^2 /NDF: 27.6/1

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 64.035 $\pm$ 0.036 χ^2 /NDF: 9317.7/1

Left: 66.563 $\pm$ 0.027 χ^2 /NDF: 20909.0/3

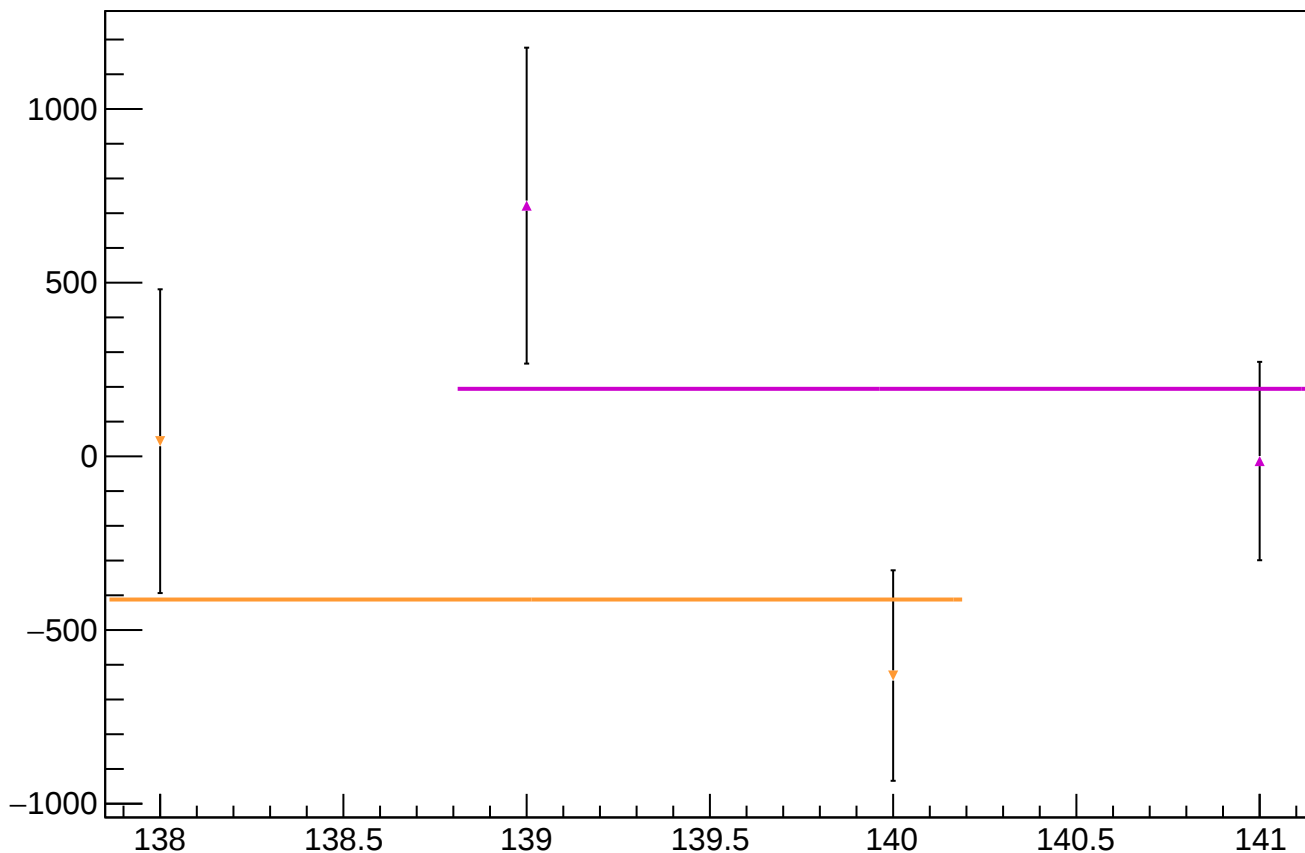
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 72.562 $\pm$ 0.019 χ^2 /NDF: 1438868.3/18

Out: 78.222 $\pm$ 0.020 χ^2 /NDF: 1685912.8/20

All: 75.189 $\pm$ 0.014 χ^2 /NDF: 3167379.7/39

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -412.176+/-249.050 χ^2/NDF :1.6/1

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: -99.957+/-173.494 χ^2/NDF : 6.5/3

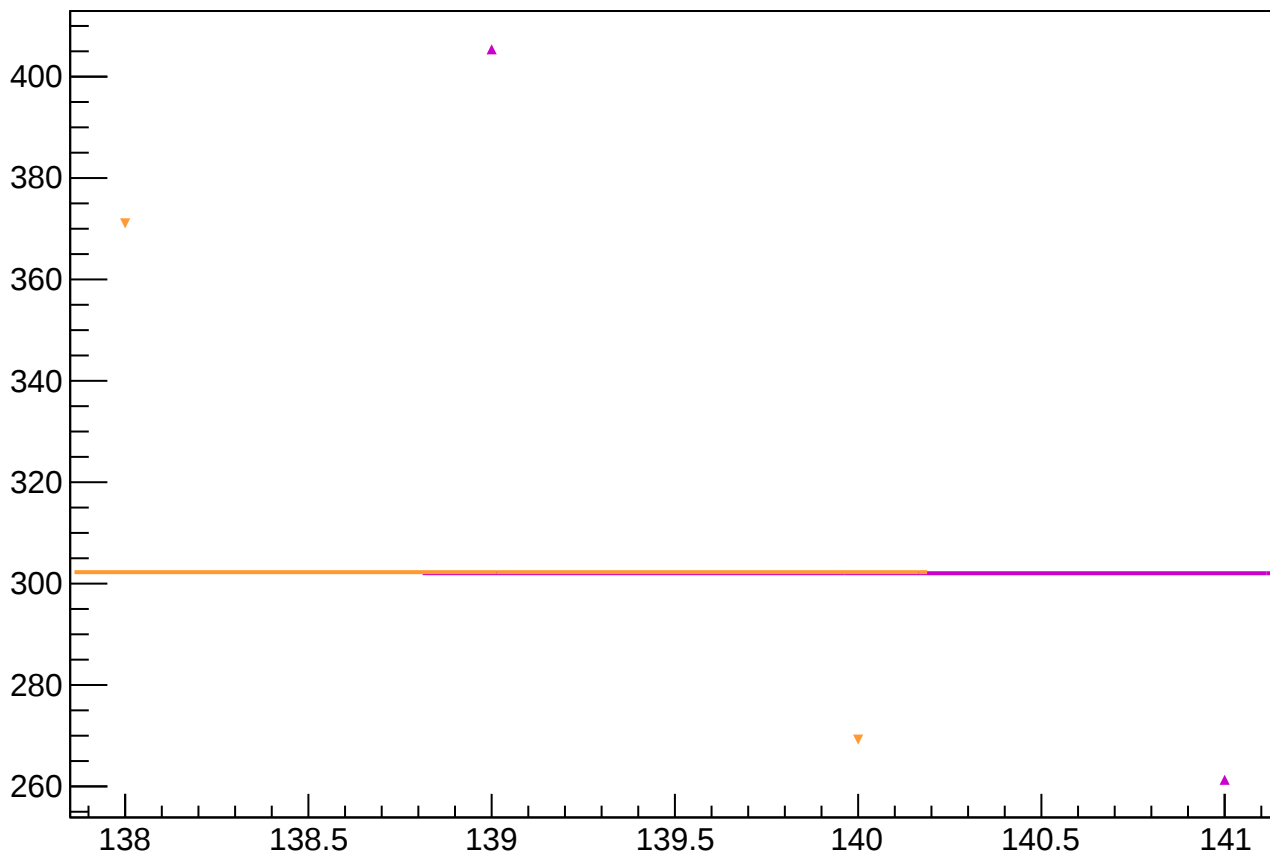
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.408+/-241.824 χ^2/NDF :1.9/1

Out: -412.176+/-249.050 χ^2/NDF :1.6/1

All: -99.957+/-173.494 χ^2/NDF : 6.5/3

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 302.258+/-0.176 χ^2/NDF : 73277.6/1

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: 302.151+/-0.123 χ^2/NDF : 217282.7/3

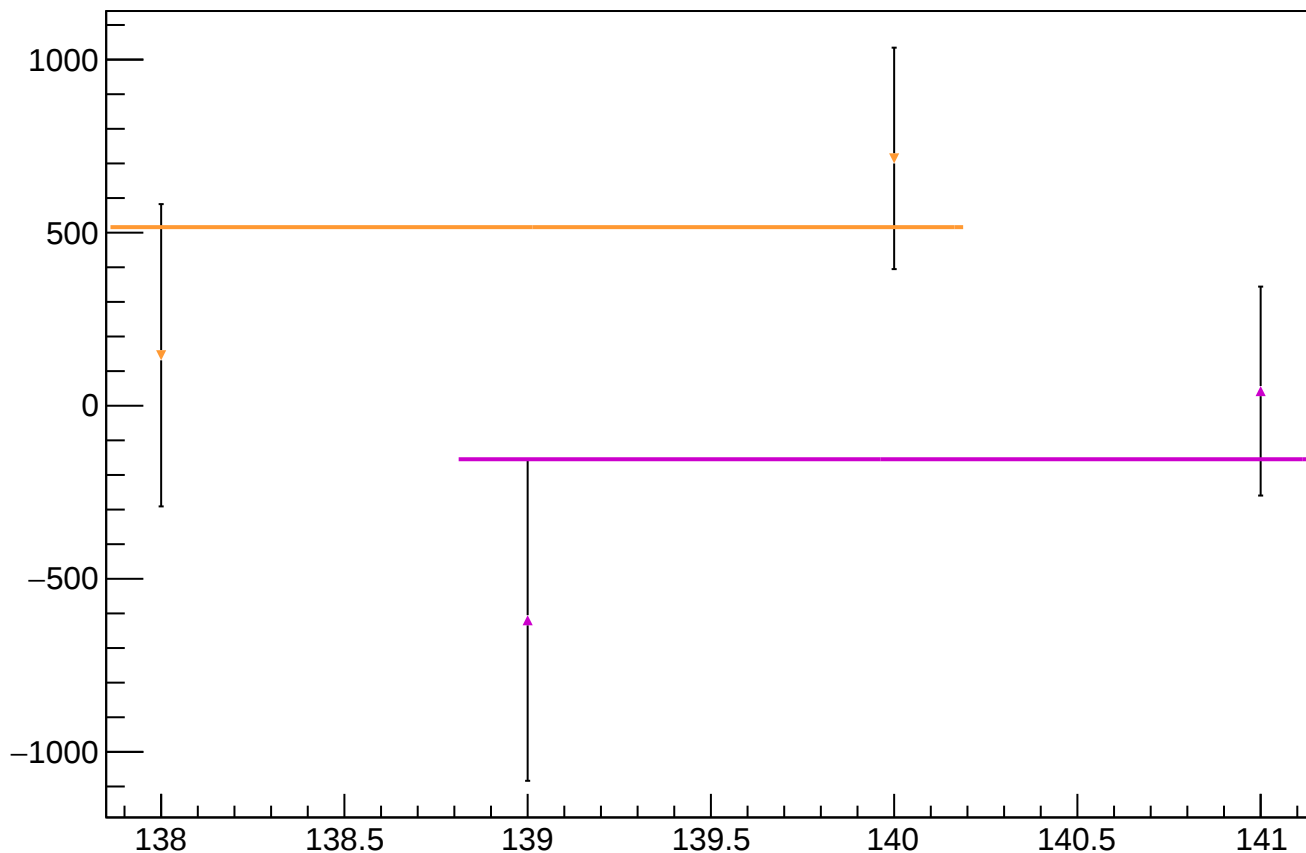
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 302.050+/-0.171 χ^2/NDF : 144004.4/1

Out: 302.258+/-0.176 χ^2/NDF : 73277.6/1

All: 302.151+/-0.123 χ^2/NDF : 217282.7/3

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 515.964+/-258.045 χ^2/NDF :1.1/1

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: 174.053+/-180.650 χ^2/NDF : 6.0/3

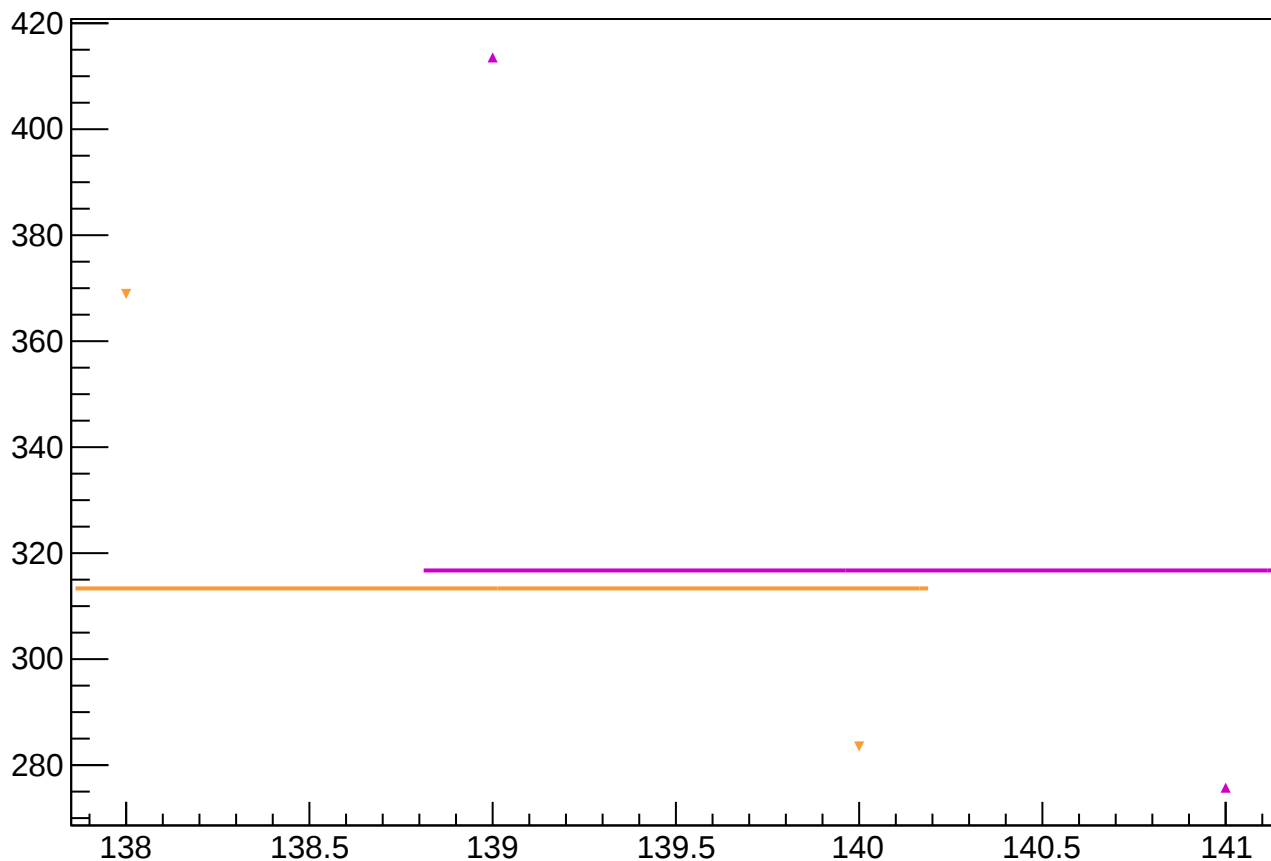
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -154.583+/-252.986 χ^2/NDF :1.4/1

Out: 515.964+/-258.045 χ^2/NDF :1.1/1

All: 174.053+/-180.650 χ^2/NDF : 6.0/3

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 313.343+/-0.182 χ^2/NDF : 49780.0/1

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: 315.072+/-0.128 χ^2/NDF : 173971.1/3

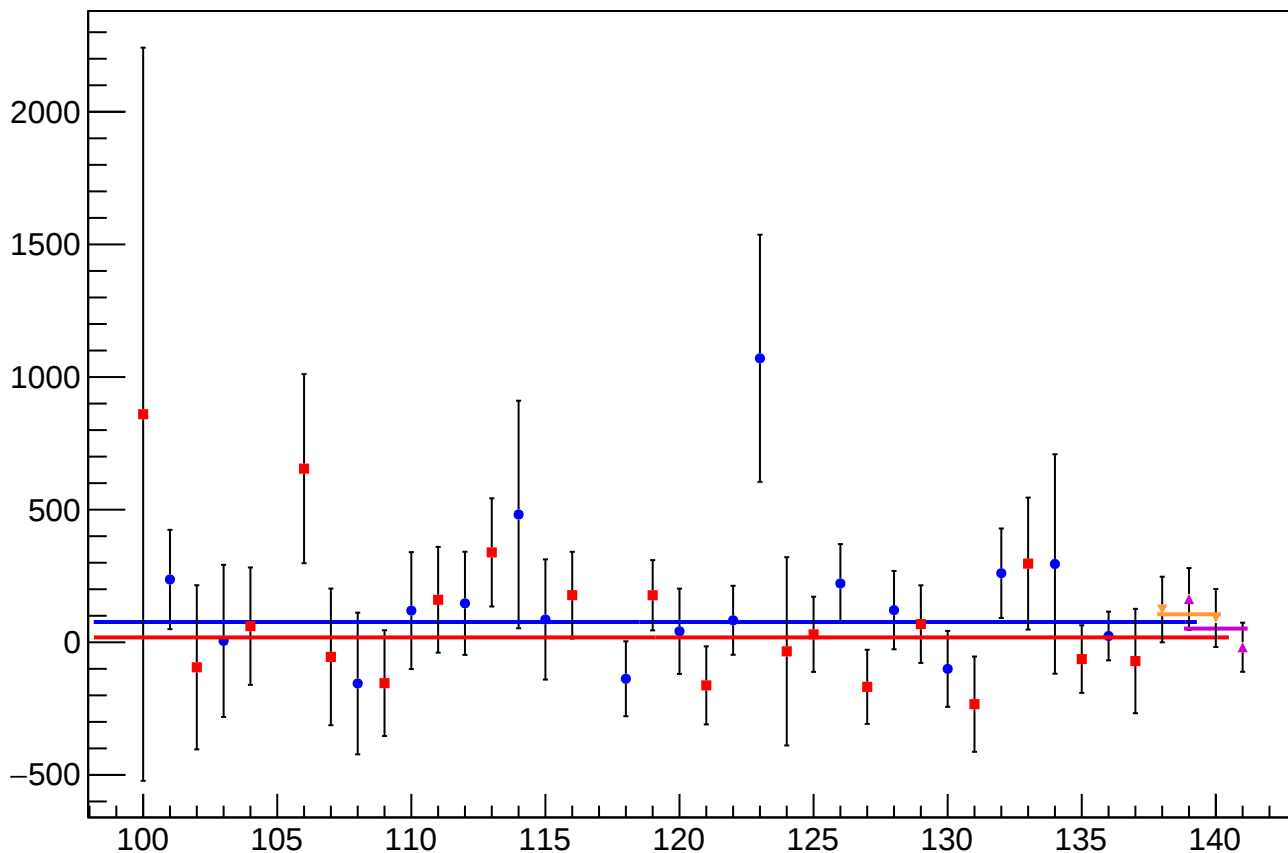
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 316.734+/-0.179 χ^2/NDF : 124015.0/1

Out: 313.343+/-0.182 χ^2/NDF : 49780.0/1

All: 315.072+/-0.128 χ^2/NDF : 173971.1/3

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: 105.645 $\pm$ 81.892 χ^2 /NDF:0.0/1

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: 75.408 $\pm$ 54.281 χ^2 /NDF: 1.8/3

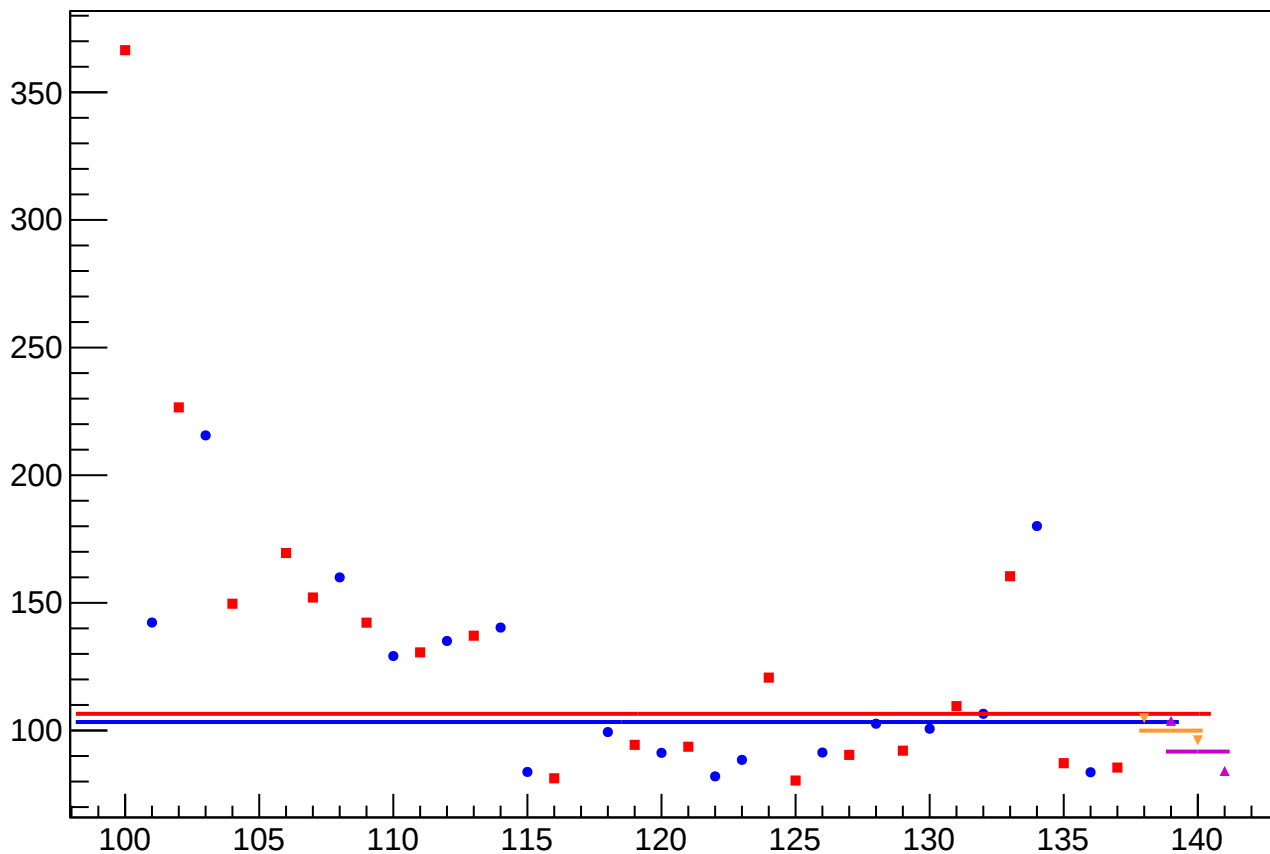
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 70.371 $\pm$ 36.054 χ^2 /NDF:15.5/18

Out: 36.754 $\pm$ 37.567 χ^2 /NDF:18.1/20

All: 54.253 $\pm$ 26.012 χ^2 /NDF: 34.0/39

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 99.946 $\pm$ 0.058 χ^2 /NDF: 5546.6/1

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 91.744 $\pm$ 0.051 χ^2 /NDF: 34791.6/1

Left: 95.348 $\pm$ 0.038 χ^2 /NDF: 51584.9/3

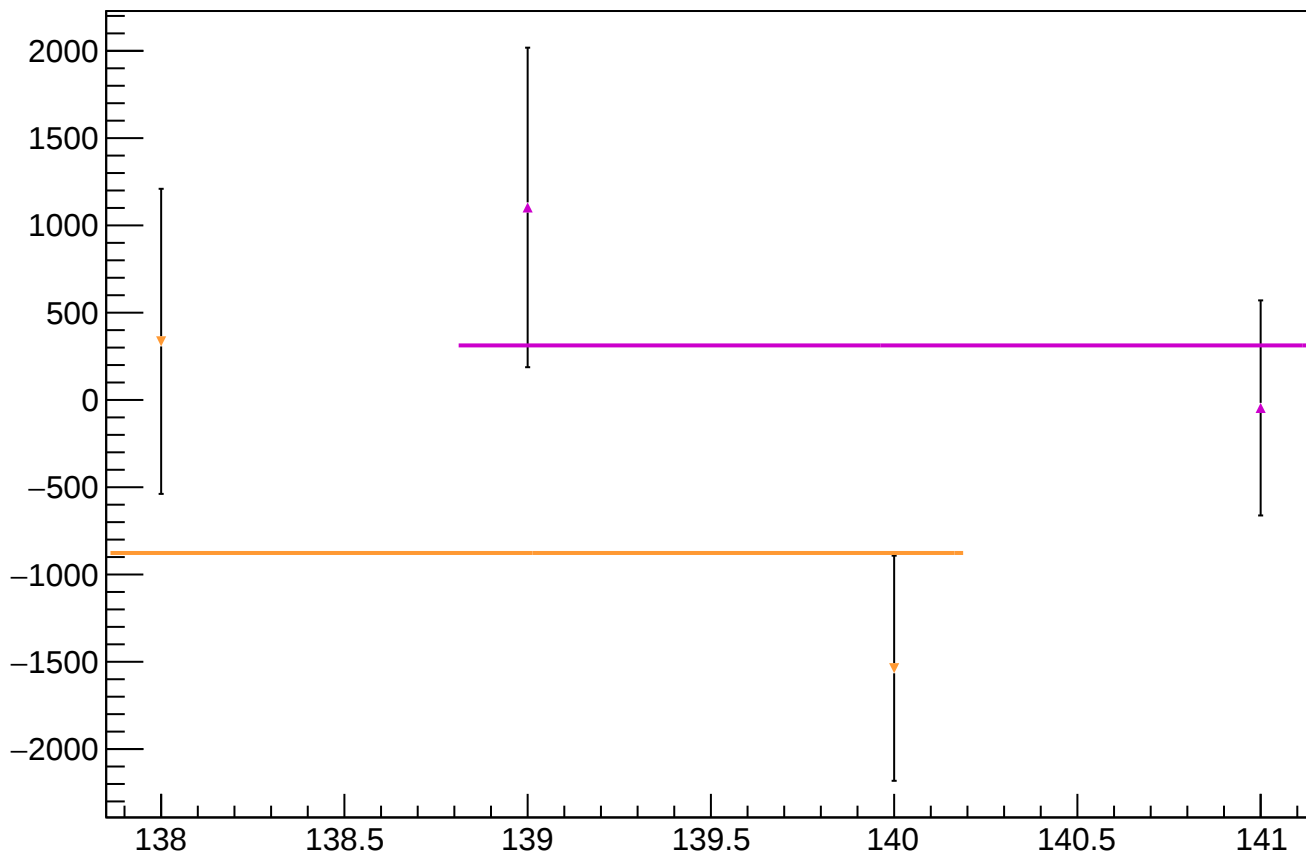
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 100.455 $\pm$ 0.025 χ^2 /NDF: 910959.6/18

Out: 105.146 $\pm$ 0.027 χ^2 /NDF: 1087316.1/20

All: 102.704 $\pm$ 0.018 χ^2 /NDF: 2014509.7/39

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -876.632+/-518.923 χ^2/NDF :3.0/1

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: -273.048+/-364.133 χ^2/NDF : 6.7/3

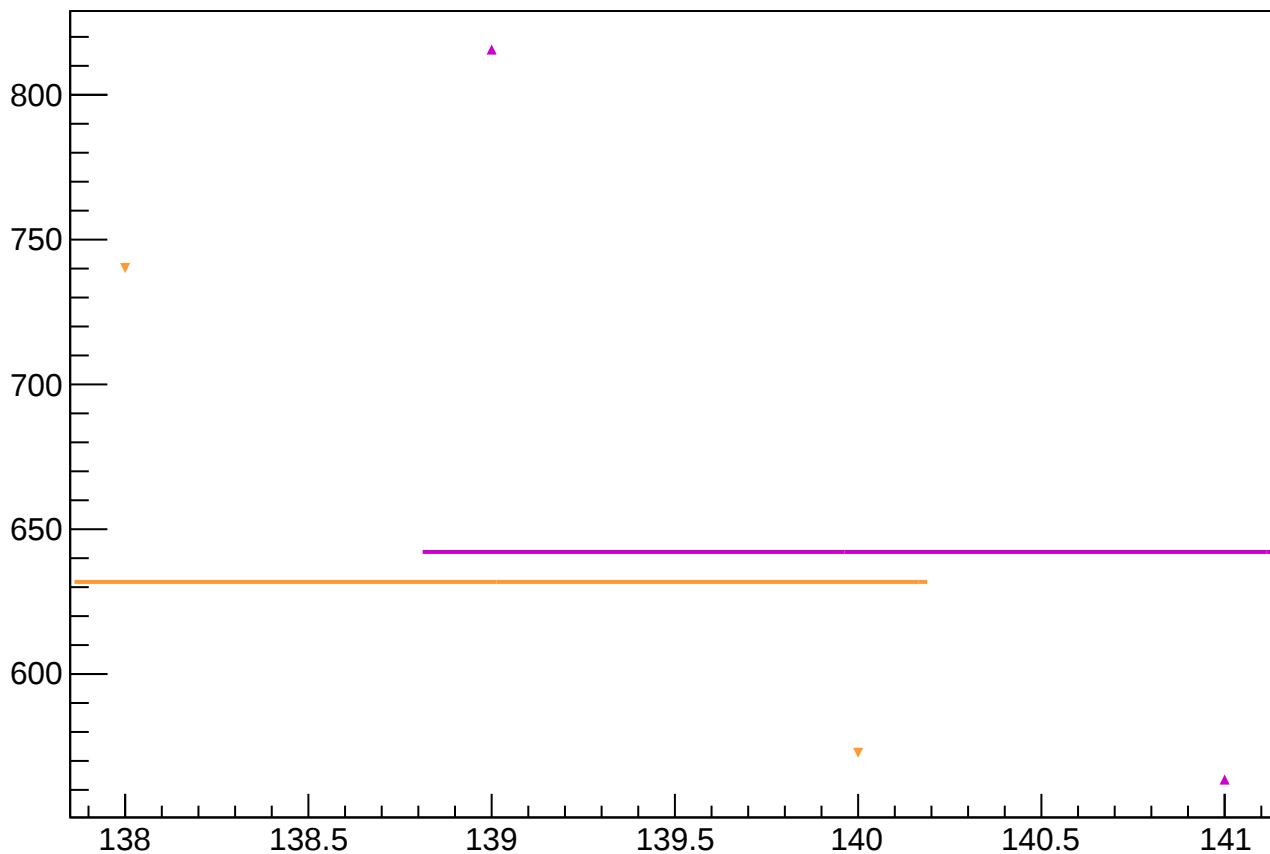
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 312.454+/-511.091 χ^2/NDF :1.1/1

Out: -876.632+/-518.923 χ^2/NDF :3.0/1

All: -273.048+/-364.133 χ^2/NDF : 6.7/3

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 631.814+/-0.367 χ^2/NDF : 47499.3/1

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: 637.068+/-0.257 χ^2/NDF : 152285.5/3

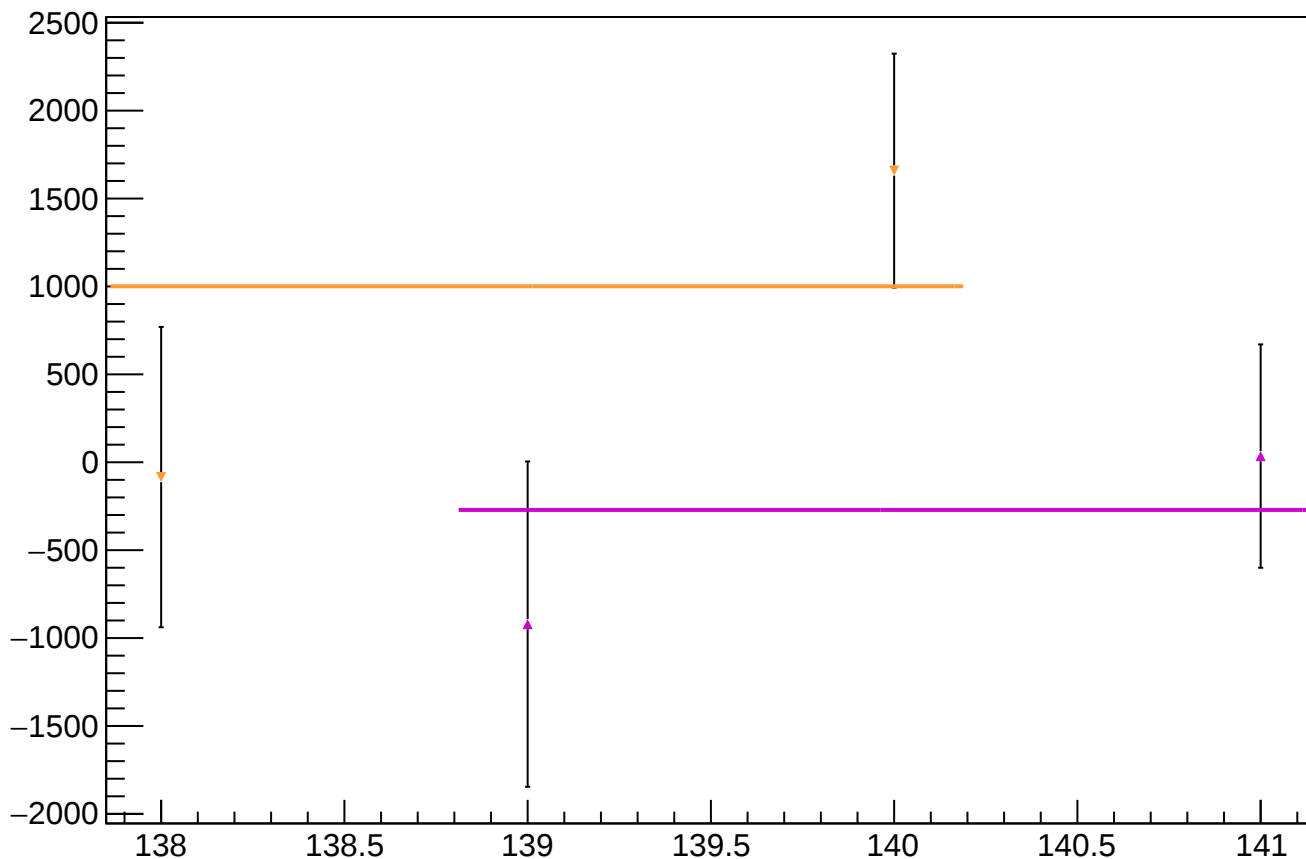
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 642.164+/-0.361 χ^2/NDF : 104382.3/1

Out: 631.814+/-0.367 χ^2/NDF : 47499.3/1

All: 637.068+/-0.257 χ^2/NDF : 152285.5/3

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1000.932+/-524.736 χ^2/NDF : 2.6/1

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: 363.682+/-370.670 χ^2/NDF : 6.3/3

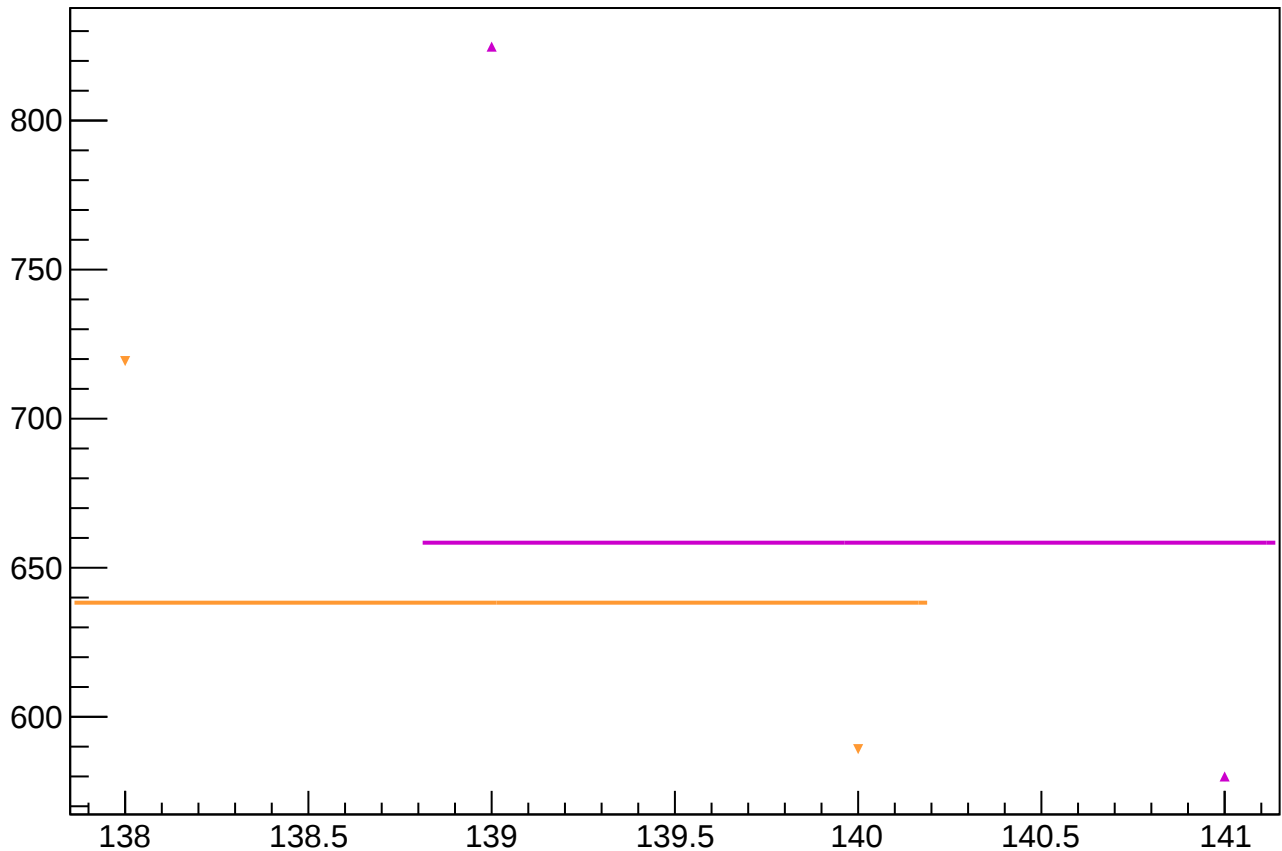
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -271.003+/-523.679 χ^2/NDF : 0.7/1

Out: 1000.932+/-524.736 χ^2/NDF : 2.6/1

All: 363.682+/-370.670 χ^2/NDF : 6.3/3

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 638.287+/-0.371 χ^2/NDF :28918.9/1

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: 648.366+/-0.262 χ^2/NDF : 125536.0/3

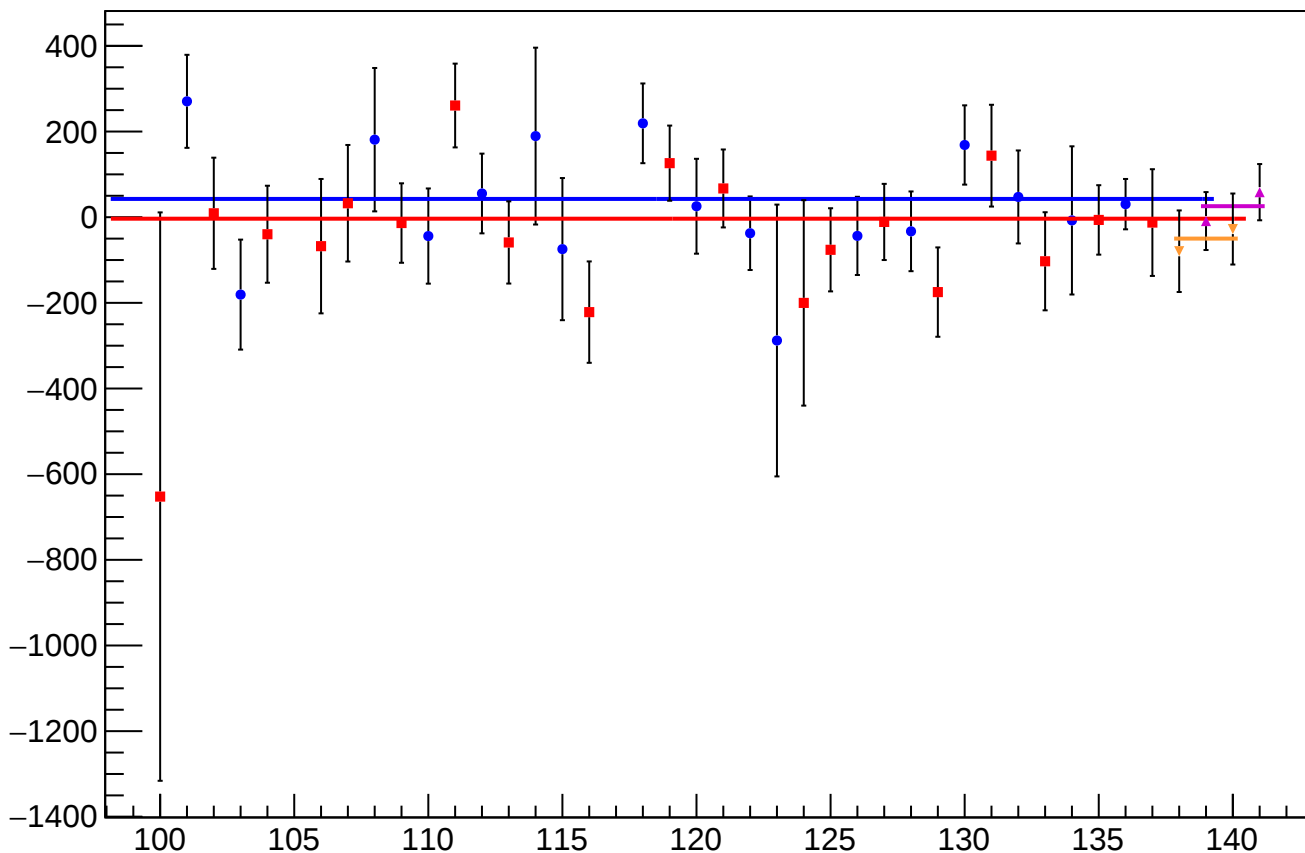
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 658.405+/-0.370 χ^2/NDF :95144.2/1

Out: 638.287+/-0.371 χ^2/NDF :28918.9/1

All: 648.366+/-0.262 χ^2/NDF : 125536.0/3

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654+/-25.486 χ^2/NDF : 18.9/16

Left Out: -49.961+/-62.529 χ^2/NDF : 0.2/1

Right Out: -3.503+/-25.070 χ^2/NDF : 21.4/18

Left In: 25.713+/-47.101 χ^2/NDF : 0.5/1

Left: -1.681+/-37.622 χ^2/NDF : 1.6/3

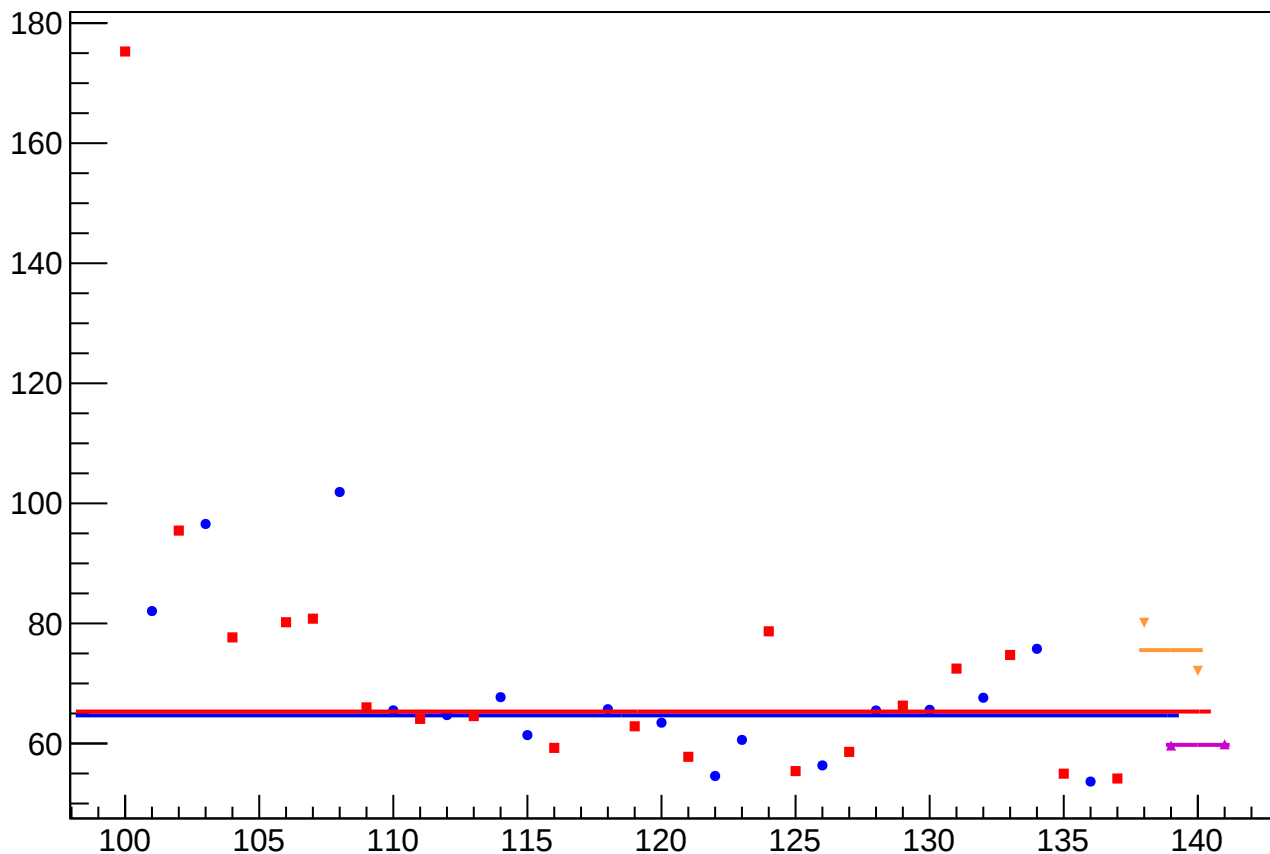
Right: 19.196+/-17.872 χ^2/NDF : 41.9/35

In: 38.817+/-22.415 χ^2/NDF : 19.5/18

Out: -9.937+/-23.269 χ^2/NDF : 22.0/20

All: 15.352+/-16.143 χ^2/NDF : 43.8/39

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: 75.550 $\pm$ 0.044 χ^2 /NDF: 8029.5/1

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: 65.482 $\pm$ 0.027 χ^2 /NDF: 89315.3/3

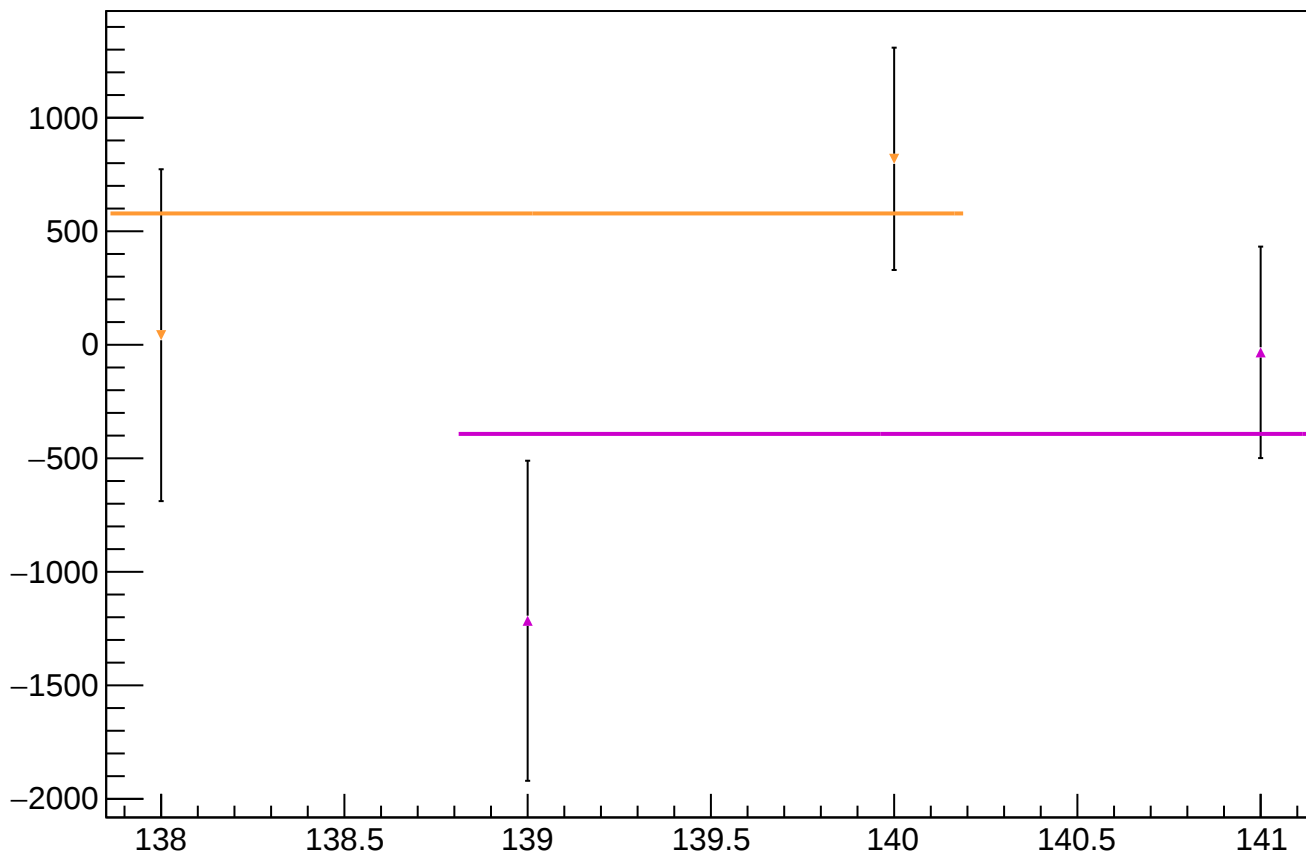
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 63.572 $\pm$ 0.016 χ^2 /NDF: 417052.1/18

Out: 66.741 $\pm$ 0.016 χ^2 /NDF: 413681.8/20

All: 65.097 $\pm$ 0.011 χ^2 /NDF: 849968.7/39

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 578.490 $\pm$ 406.757 χ^2 /NDF:0.8/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -392.534 $\pm$ 388.574 χ^2 /NDF:2.0/1

Left: 70.790 $\pm$ 280.971 χ^2 /NDF: 5.7/3

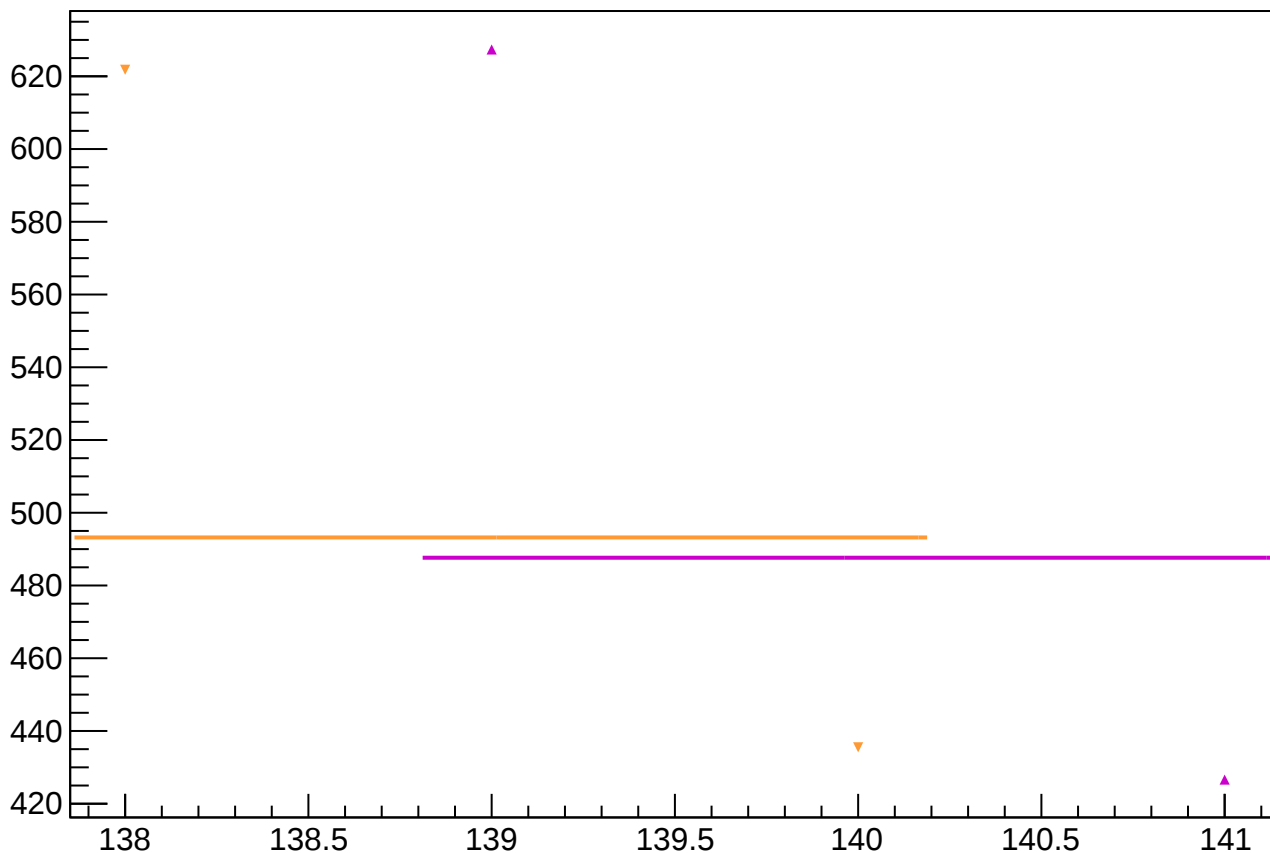
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -392.534 $\pm$ 388.574 χ^2 /NDF:2.0/1

Out: 578.490 $\pm$ 406.757 χ^2 /NDF:0.8/1

All: 70.790 $\pm$ 280.971 χ^2 /NDF: 5.7/3

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: 493.209+/-0.288 χ^2/NDF : 89692.3/1

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: 490.293+/-0.199 χ^2/NDF : 202800.2/3

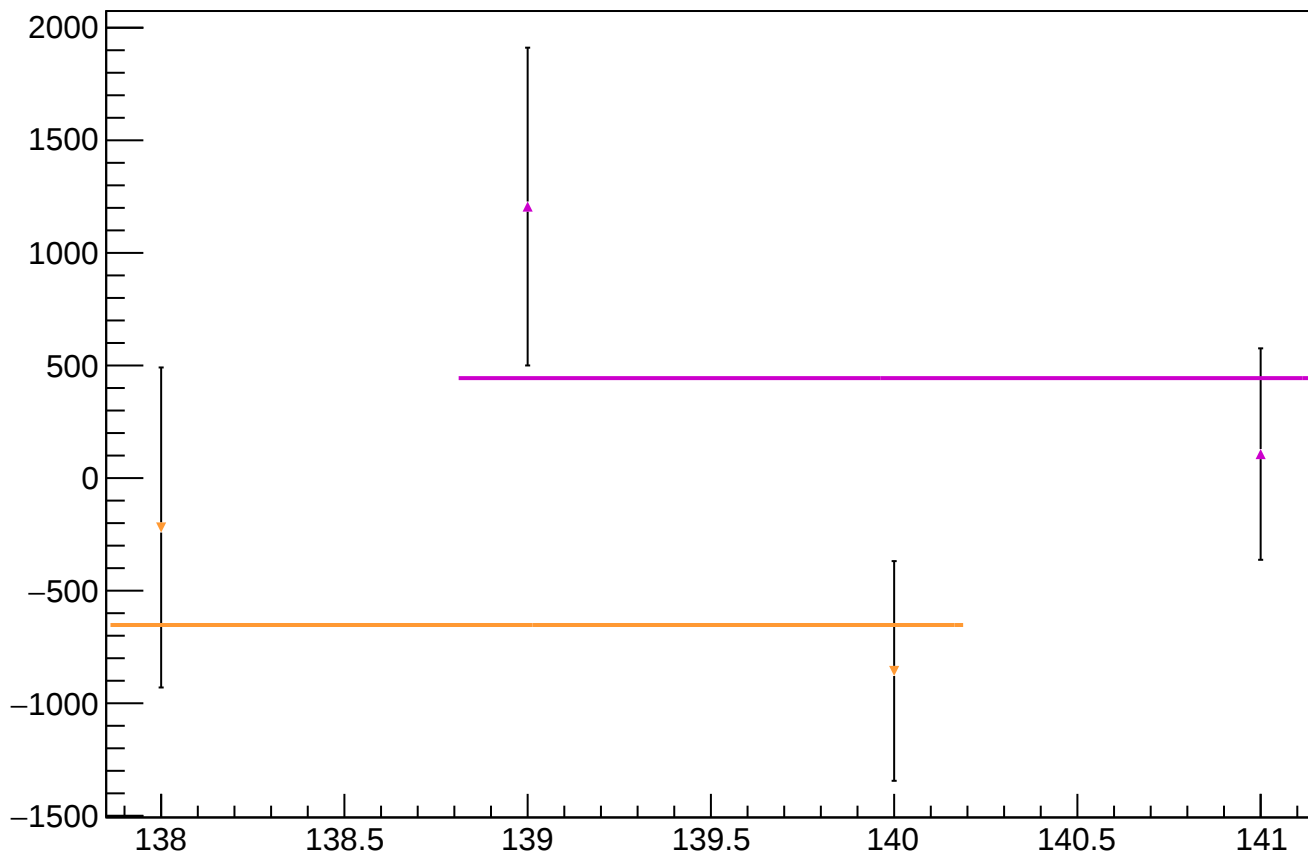
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 487.632+/-0.275 χ^2/NDF : 112911.3/1

Out: 493.209+/-0.288 χ^2/NDF : 89692.3/1

All: 490.293+/-0.199 χ^2/NDF : 202800.2/3

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -652.407 $\pm$ 402.161 χ^2 /NDF:0.5/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 443.925 $\pm$ 390.883 χ^2 /NDF:1.7/1

Left: -88.654 $\pm$ 280.298 χ^2 /NDF: 6.0/3

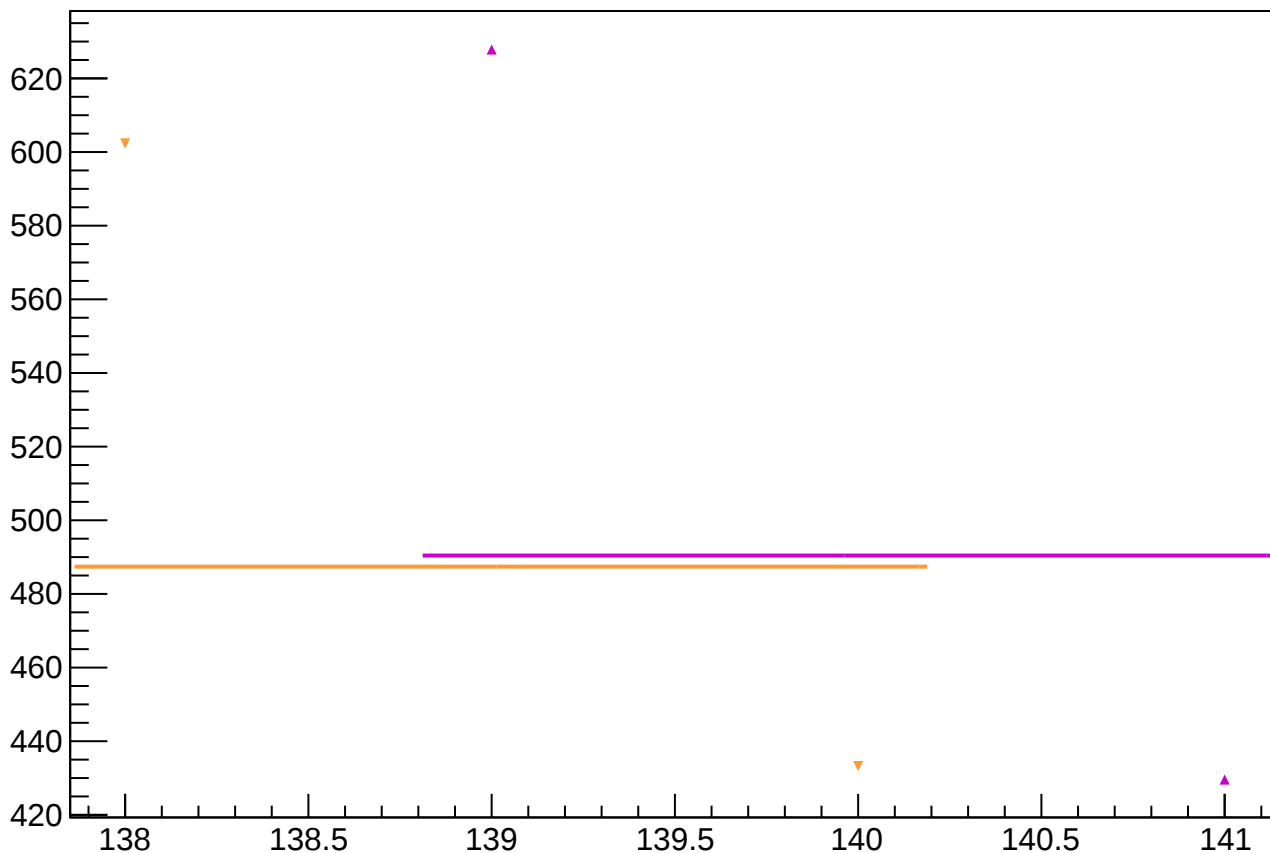
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 443.925 $\pm$ 390.883 χ^2 /NDF:1.7/1

Out: -652.407 $\pm$ 402.161 χ^2 /NDF:0.5/1

All: -88.654 $\pm$ 280.298 χ^2 /NDF: 6.0/3

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 487.412+/-0.284 χ^2/NDF : 76982.4/1

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: 488.960+/-0.198 χ^2/NDF : 186474.8/3

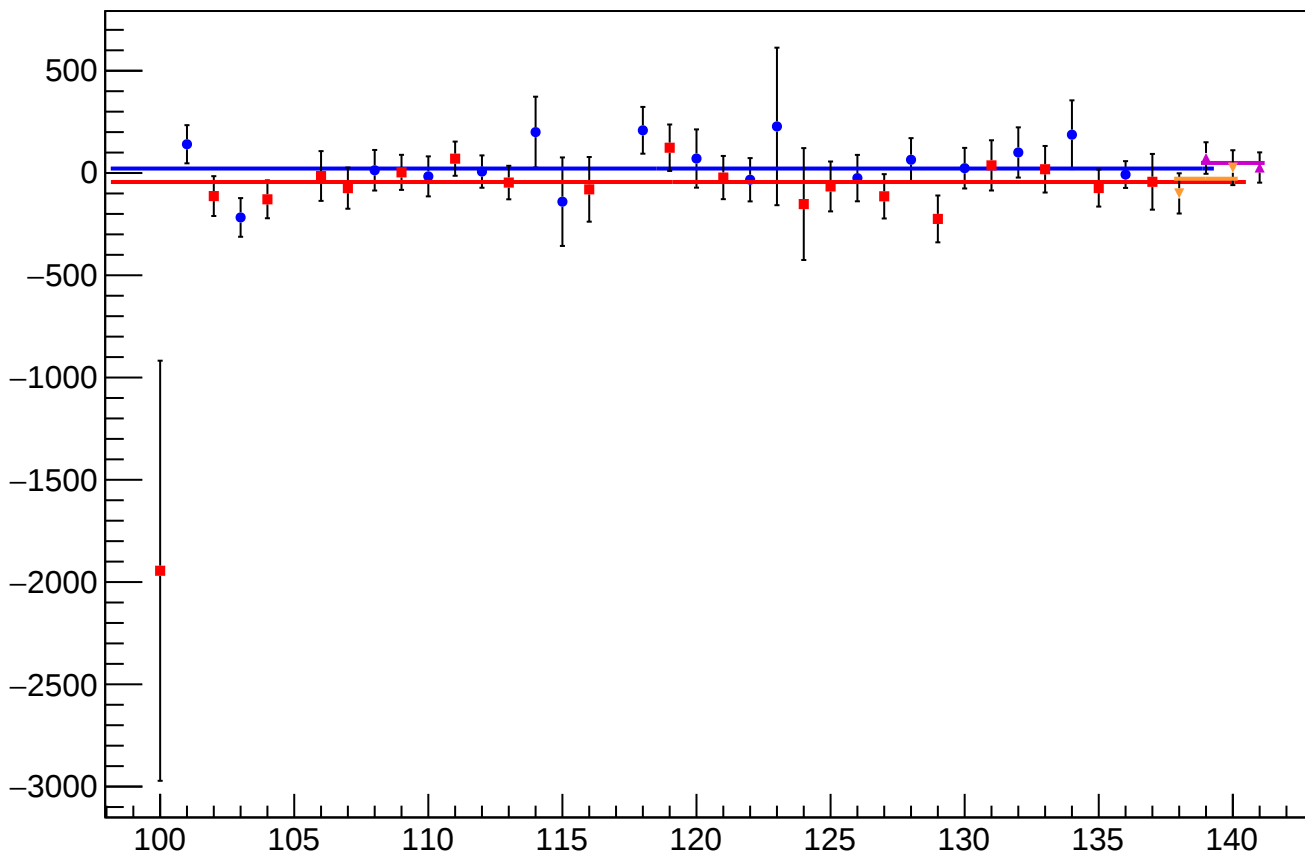
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 490.422+/-0.276 χ^2/NDF : 109434.8/1

Out: 487.412+/-0.284 χ^2/NDF : 76982.4/1

All: 488.960+/-0.198 χ^2/NDF : 186474.8/3

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: -27.846 $\pm$ 64.414 χ^2 /NDF:0.9/1

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 49.193 $\pm$ 53.398 χ^2 /NDF:0.2/1

Left: 17.815 $\pm$ 41.109 χ^2 /NDF: 2.0/3

Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

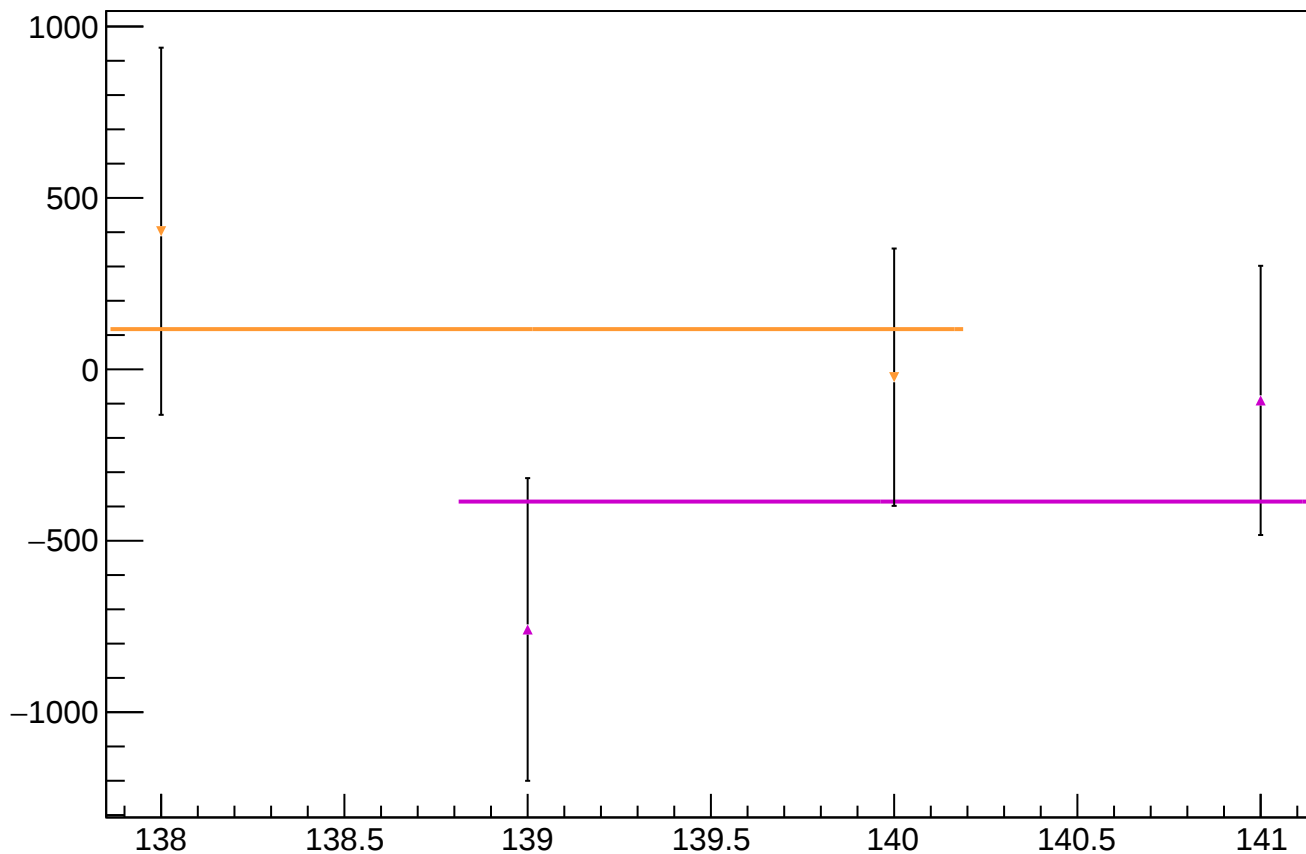
In: 27.155 $\pm$ 23.416 χ^2 /NDF:15.5/18

Out: -41.829 $\pm$ 23.394 χ^2 /NDF:14.3/20

All: -7.370 $\pm$ 16.550 χ^2 /NDF: 34.1/39

All: 67.352 ± 0.012 χ^2/NDF : 583519.2/39

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 117.338+/-307.337 χ^2/NDF : 0.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -385.690+/-293.361 χ^2/NDF : 1.3/1

Left: -145.873+/-212.206 χ^2/NDF : 3.1/3

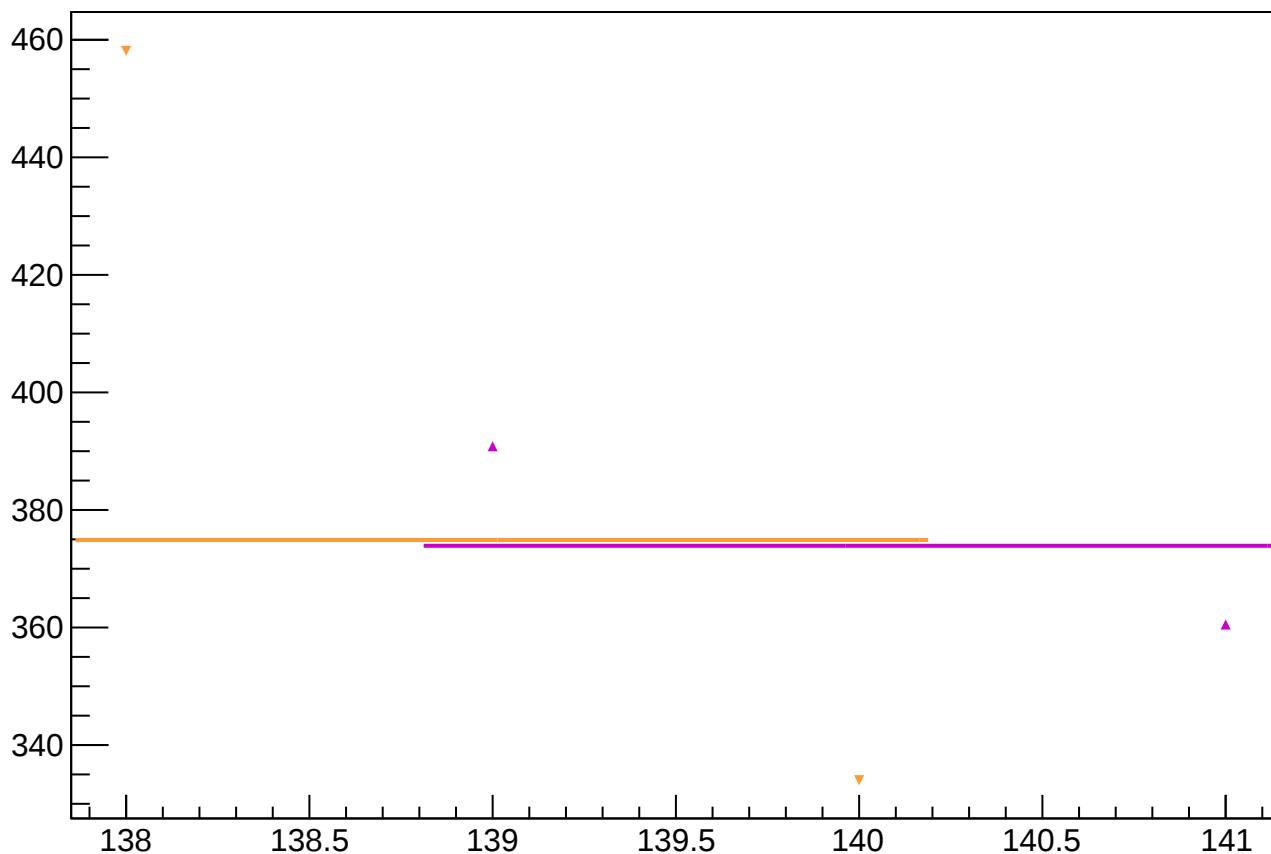
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -385.690+/-293.361 χ^2/NDF : 1.3/1

Out: 117.338+/-307.337 χ^2/NDF : 0.4/1

All: -145.873+/-212.206 χ^2/NDF : 3.1/3

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: 374.895+/-0.217 χ^2/NDF : 72036.8/1

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: 374.378+/-0.150 χ^2/NDF : 77320.2/3

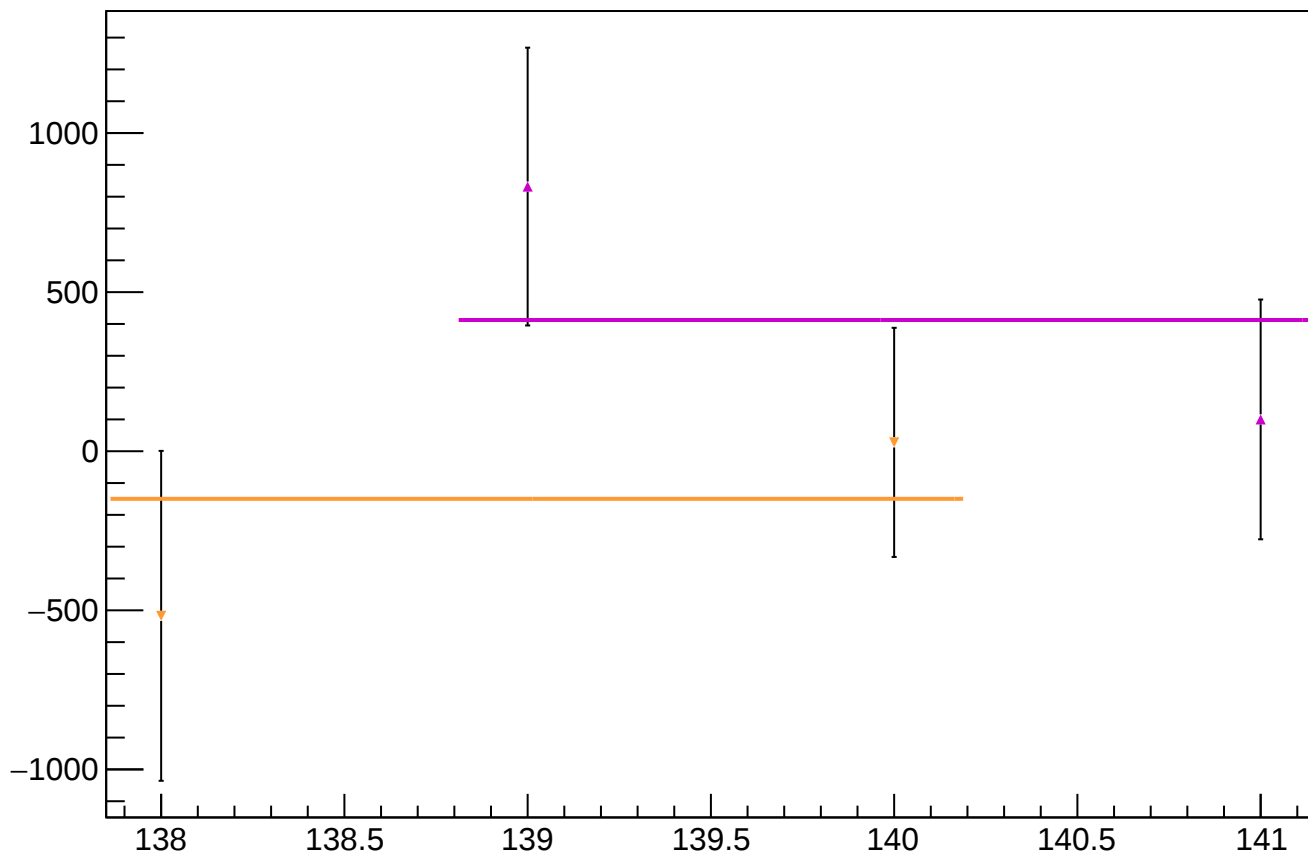
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.906+/-0.207 χ^2/NDF : 5272.5/1

Out: 374.895+/-0.217 χ^2/NDF : 72036.8/1

All: 374.378+/-0.150 χ^2/NDF : 77320.2/3

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -149.584 $\pm$ 295.724 χ^2 /NDF:0.7/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 412.402 $\pm$ 285.228 χ^2 /NDF:1.6/1

Left: 141.559 $\pm$ 205.297 χ^2 /NDF: 4.2/3

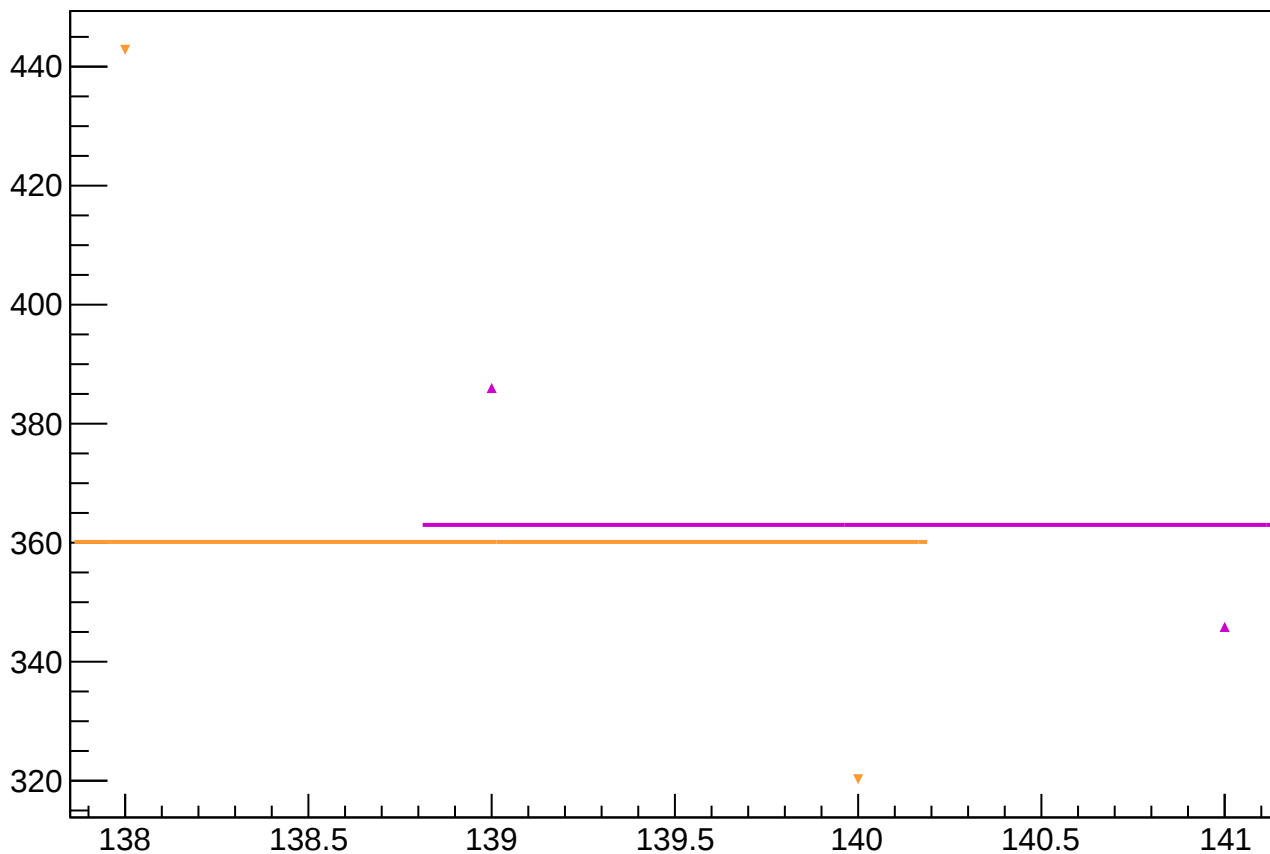
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 412.402 $\pm$ 285.228 χ^2 /NDF:1.6/1

Out: -149.584 $\pm$ 295.724 χ^2 /NDF:0.7/1

All: 141.559 $\pm$ 205.297 χ^2 /NDF: 4.2/3

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 360.129+/-0.209 χ^2/NDF : 75429.8/1

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: 361.611+/-0.145 χ^2/NDF : 85222.8/3

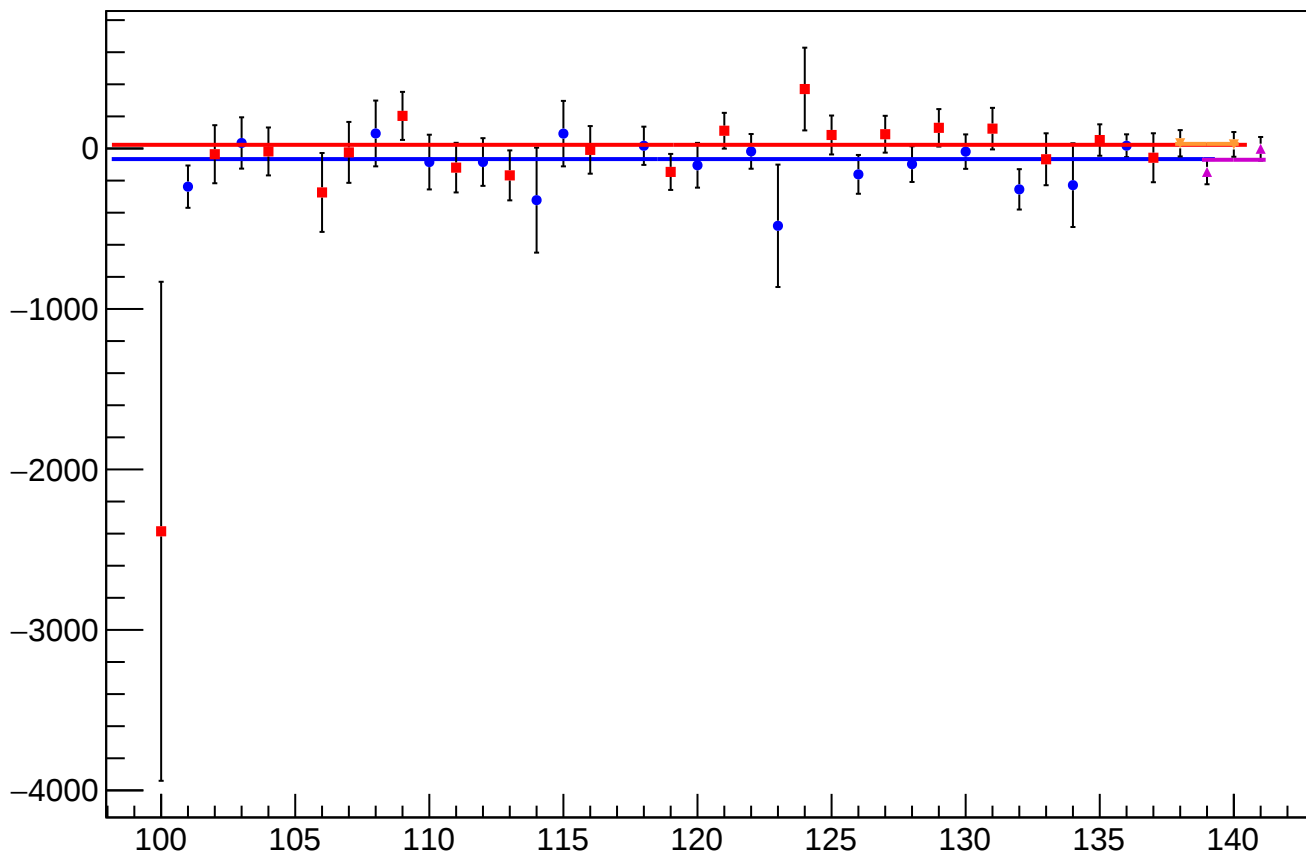
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.989+/-0.202 χ^2/NDF : 9696.1/1

Out: 360.129+/-0.209 χ^2/NDF : 75429.8/1

All: 361.611+/-0.145 χ^2/NDF : 85222.8/3

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: 28.840 ± 56.176 χ^2/NDF : 0.0/1

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -70.300 ± 53.115 χ^2/NDF : 1.8/1

Left: -23.505 ± 38.595 χ^2/NDF : 3.5/3

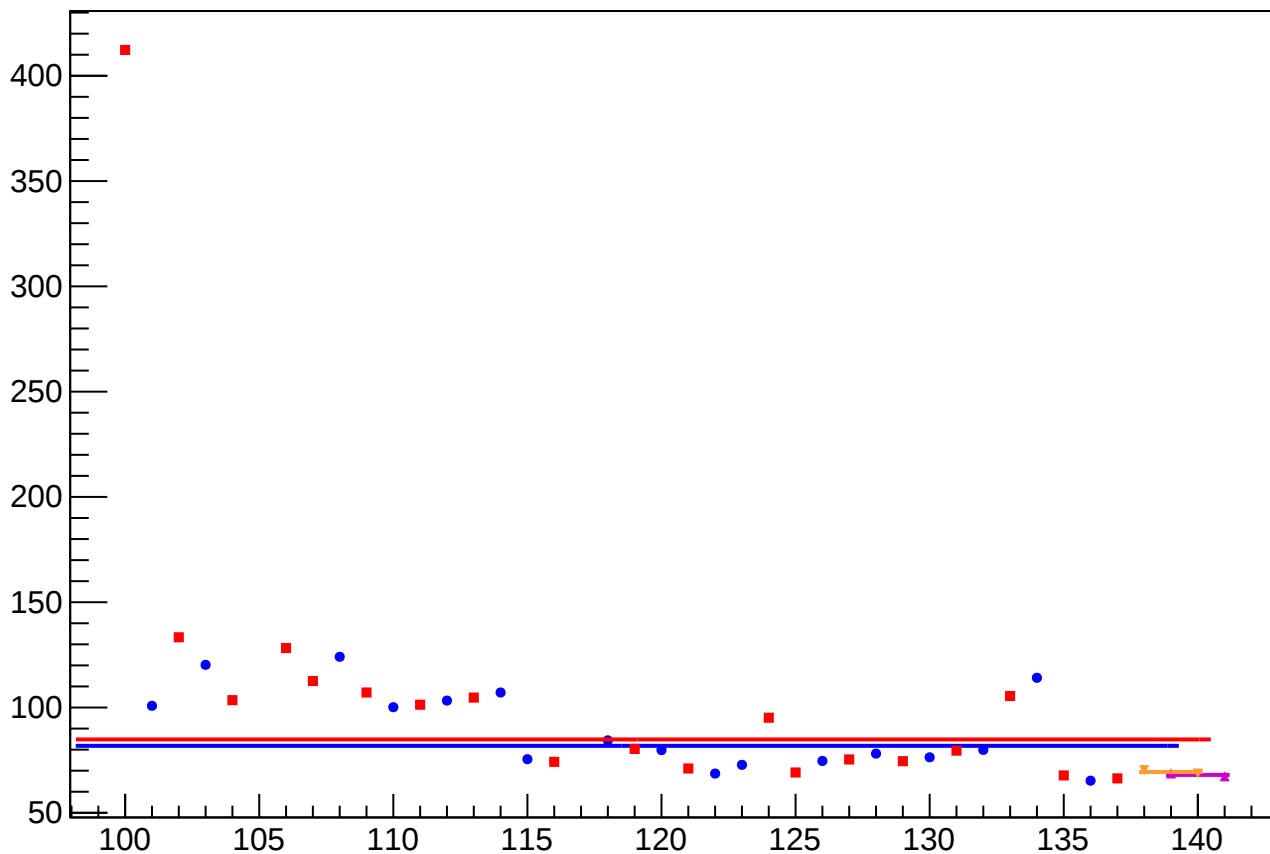
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -67.142 ± 27.591 χ^2/NDF : 12.6/18

Out: 24.415 ± 28.314 χ^2/NDF : 15.3/20

All: -22.547 ± 19.760 χ^2/NDF : 33.3/39

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 69.401 $\pm$ 0.040 χ^2 /NDF:391.6/1

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 67.995 $\pm$ 0.038 χ^2 /NDF:318.9/1

Left: 68.659 $\pm$ 0.027 χ^2 /NDF: 1372.1/3

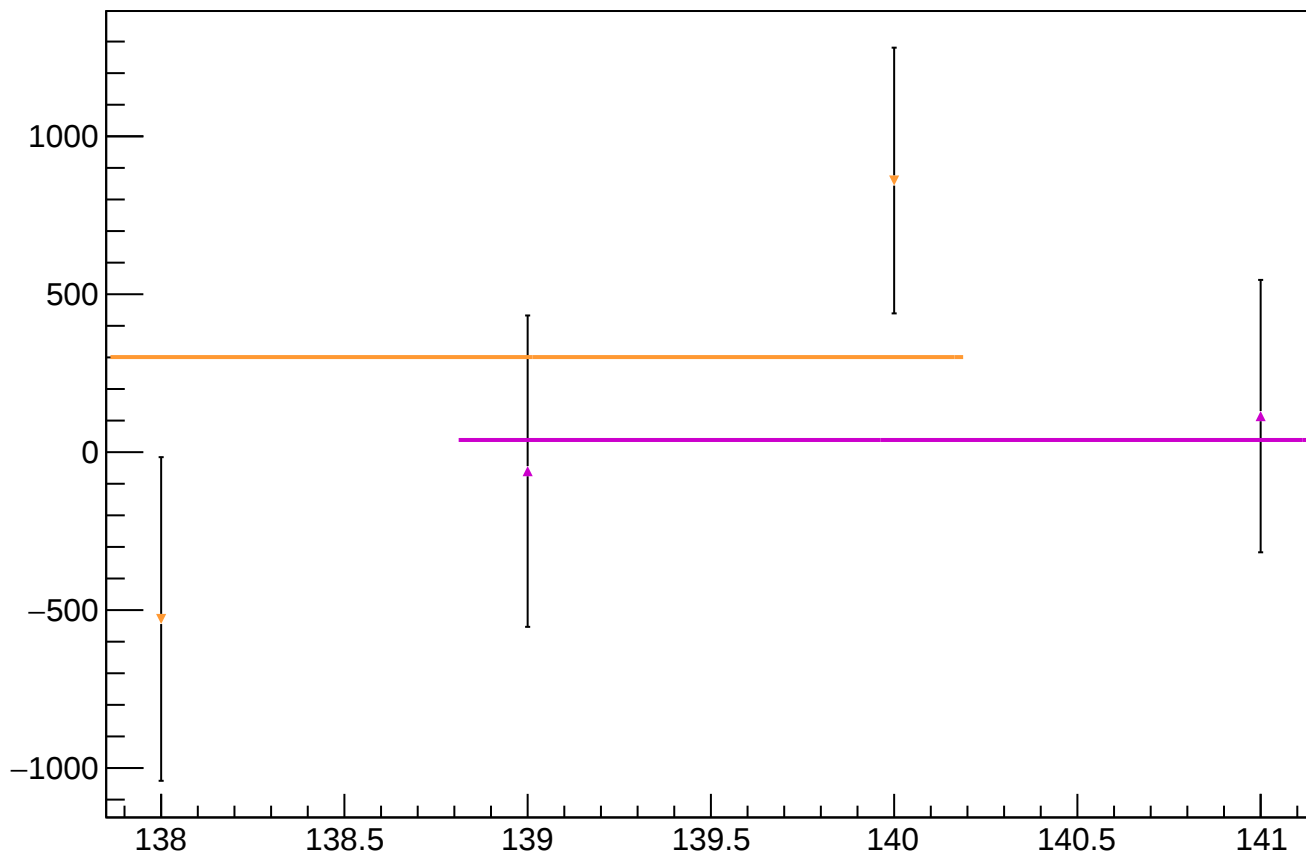
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 78.081 $\pm$ 0.020 χ^2 /NDF:606286.5/18

Out: 80.915 $\pm$ 0.020 χ^2 /NDF:817675.1/20

All: 79.462 $\pm$ 0.014 χ^2 /NDF: 1434239.4/39

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: 301.066+/-325.106 χ^2/NDF : 4.4/1

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: 169.606+/-229.688 χ^2/NDF : 4.8/3

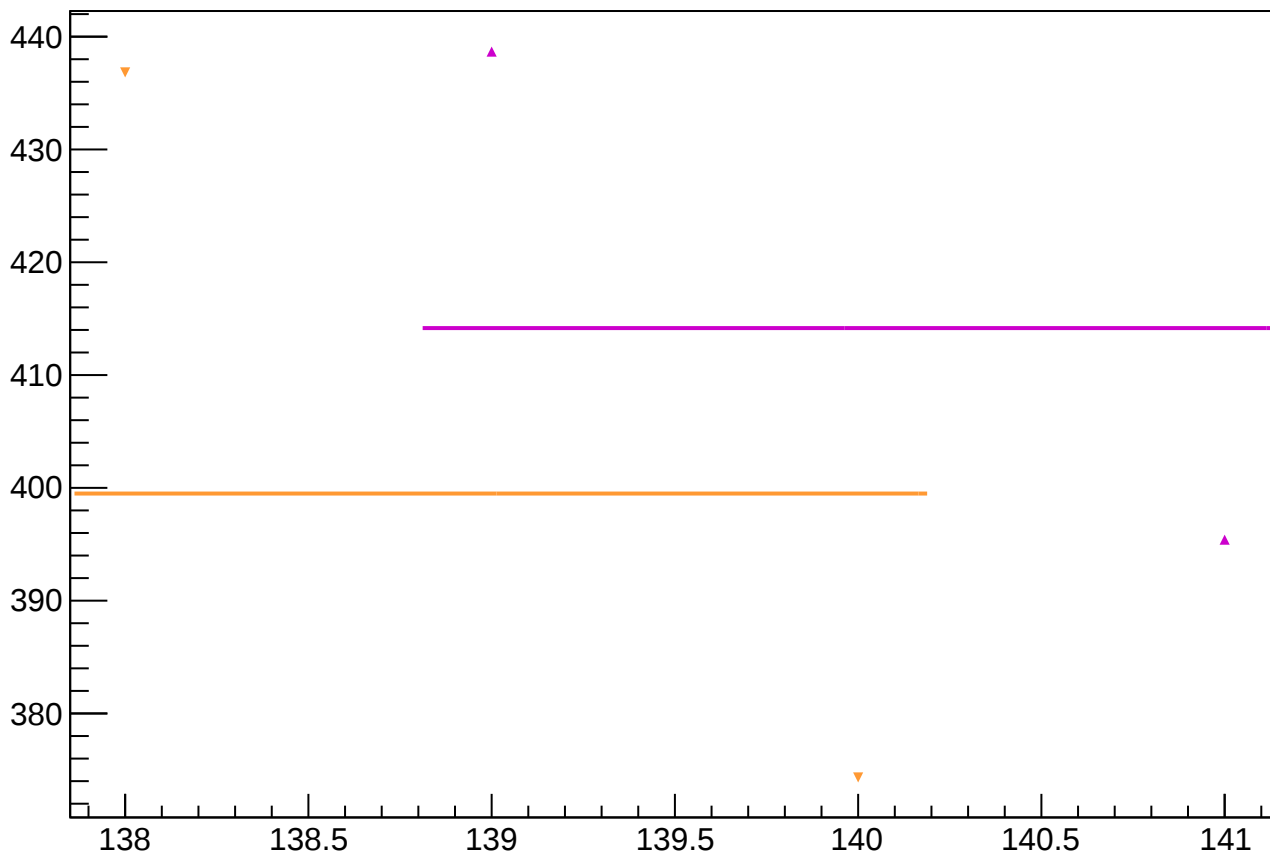
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.594+/-324.551 χ^2/NDF : 0.1/1

Out: 301.066+/-325.106 χ^2/NDF : 4.4/1

All: 169.606+/-229.688 χ^2/NDF : 4.8/3

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: 399.496+/-0.230 χ^2/NDF :17781.4/1

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: 406.843+/-0.162 χ^2/NDF : 28550.4/3

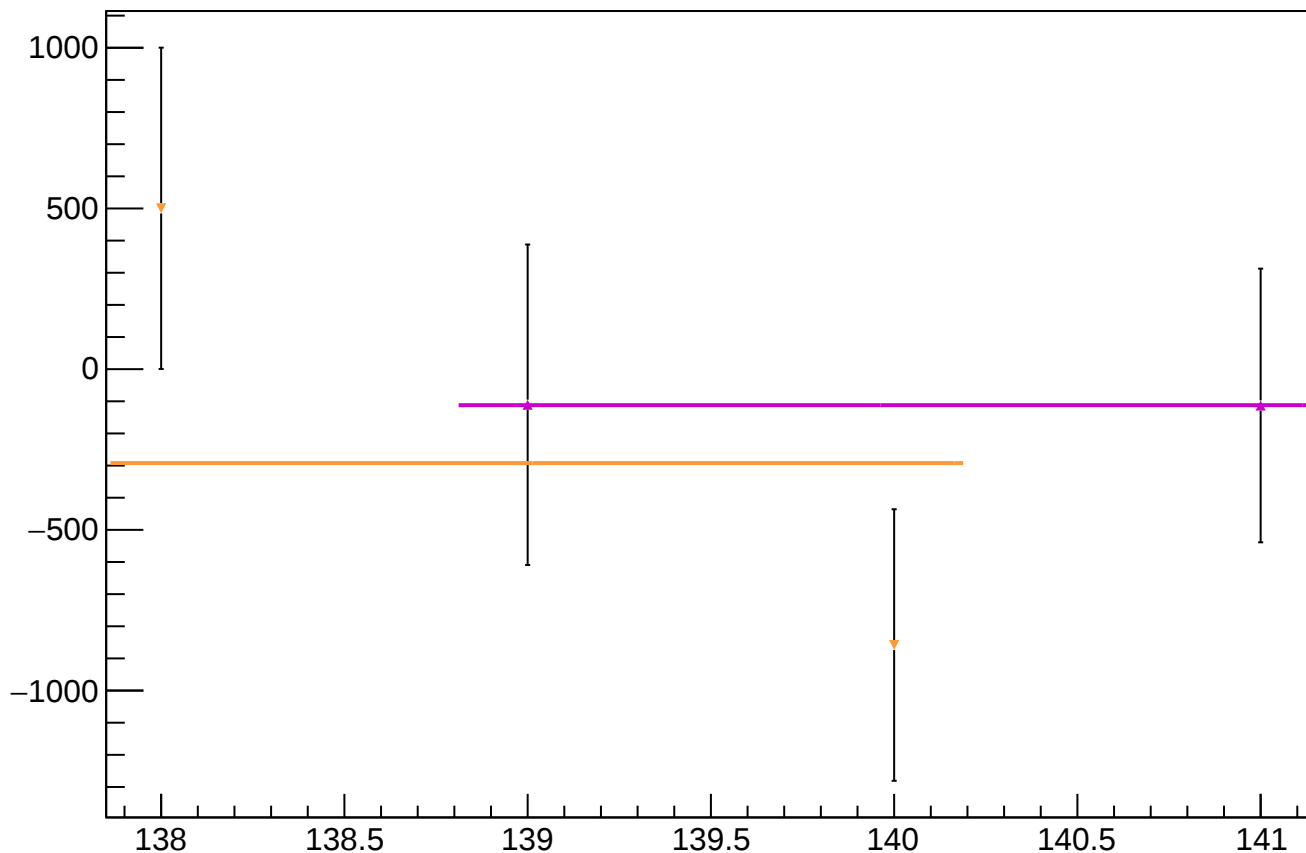
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 414.164+/-0.229 χ^2/NDF :8729.8/1

Out: 399.496+/-0.230 χ^2/NDF :17781.4/1

All: 406.843+/-0.162 χ^2/NDF : 28550.4/3

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -292.206+/-322.659 χ^2/NDF : 4.3/1

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: -202.426+/-228.542 χ^2/NDF : 4.5/3

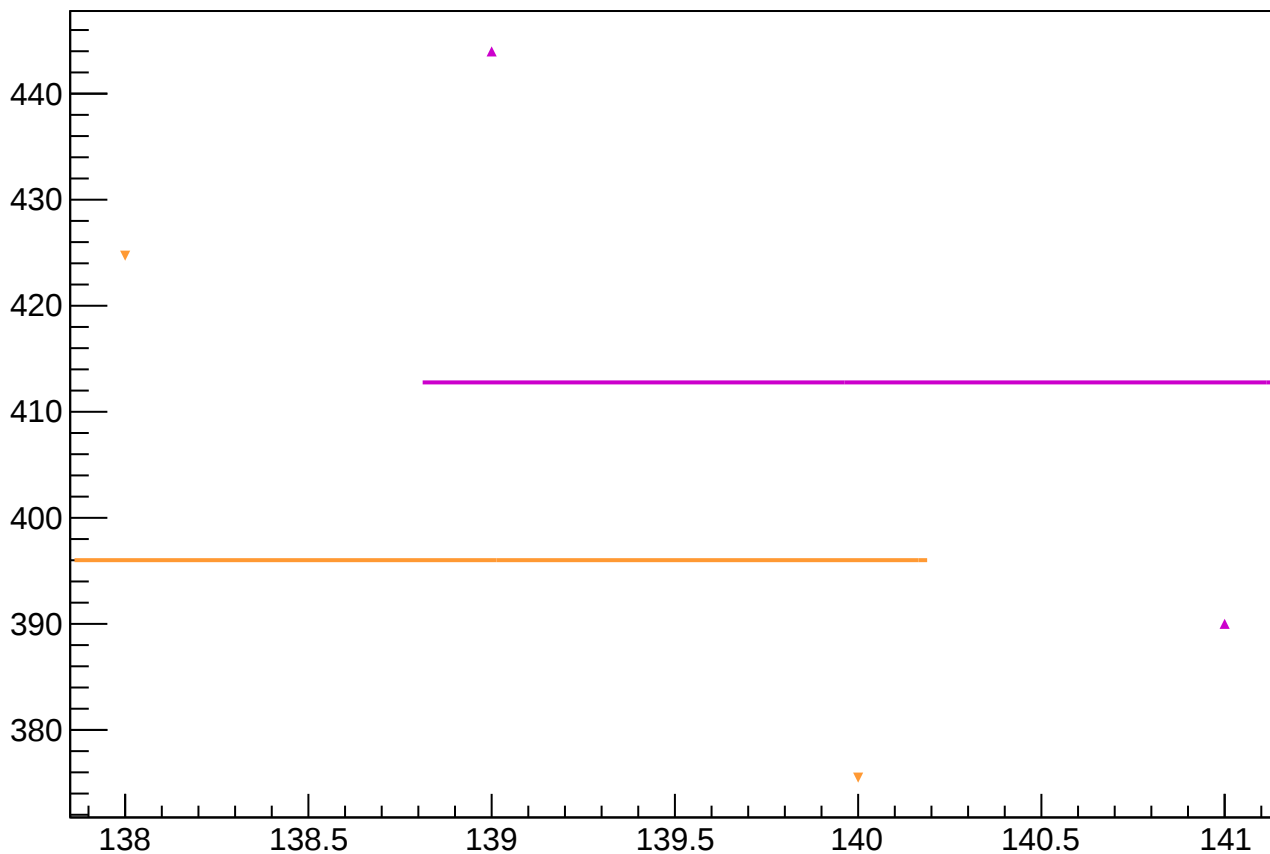
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -112.035+/-323.757 χ^2/NDF : 0.0/1

Out: -292.206+/-322.659 χ^2/NDF : 4.3/1

All: -202.426+/-228.542 χ^2/NDF : 4.5/3

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 396.009+/-0.228 χ^2/NDF :11310.8/1

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: 404.361+/-0.162 χ^2/NDF : 27558.3/3

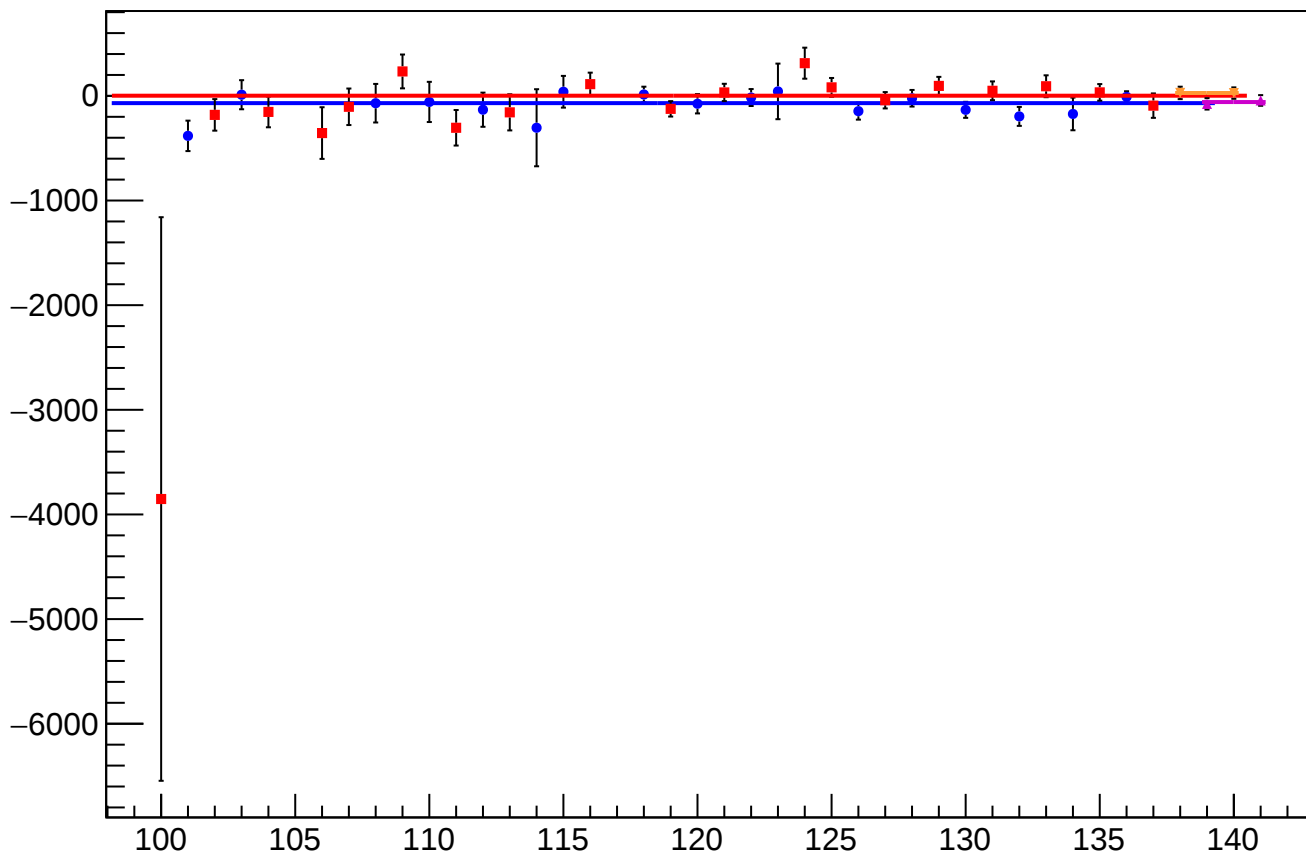
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 412.771+/-0.229 χ^2/NDF :13557.9/1

Out: 396.009+/-0.228 χ^2/NDF :11310.8/1

All: 404.361+/-0.162 χ^2/NDF : 27558.3/3

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: 27.508 ± 40.231 χ^2/NDF : 0.0/1

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: -19.179 ± 27.281 χ^2/NDF : 2.7/3

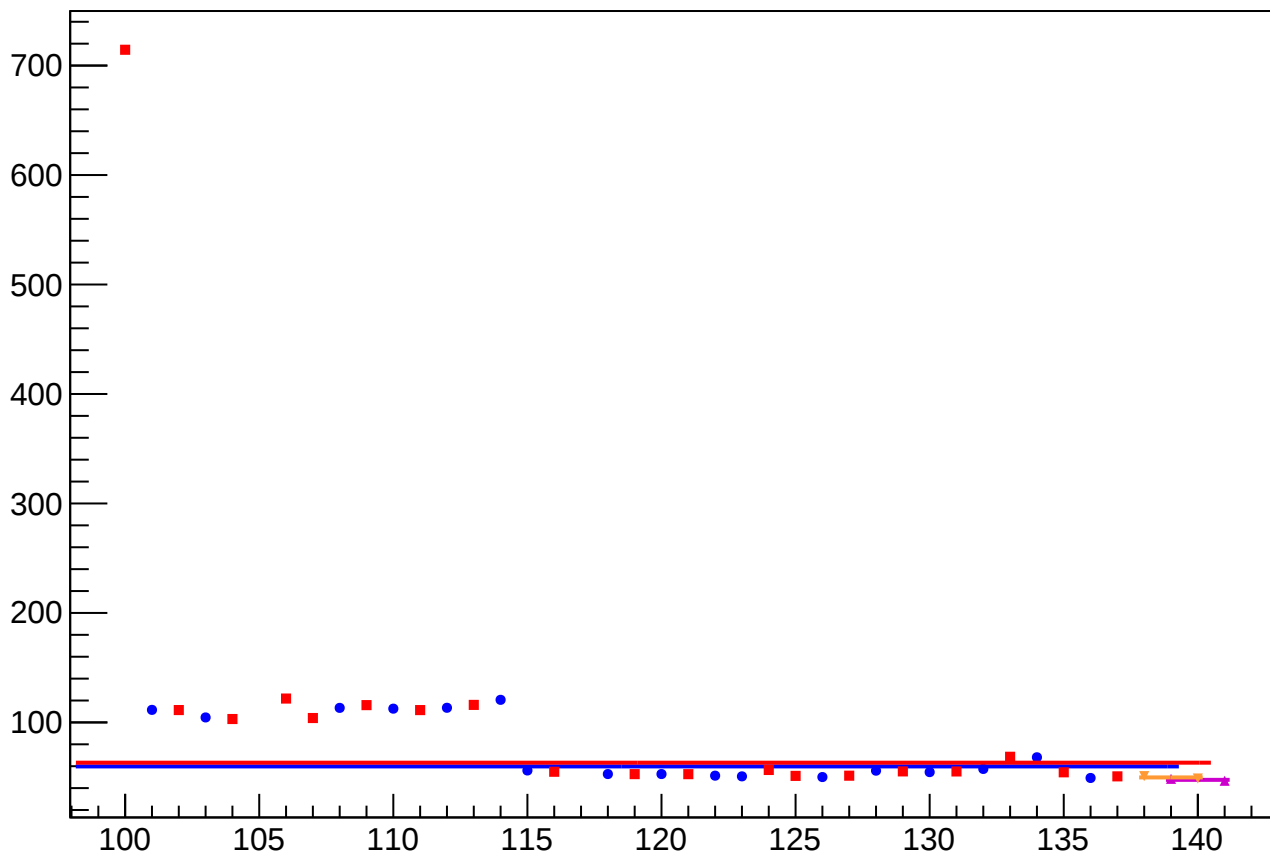
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -66.116 ± 20.308 χ^2/NDF : 13.7/18

Out: 8.999 ± 21.348 χ^2/NDF : 26.1/20

All: -30.433 ± 14.714 χ^2/NDF : 46.3/39

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: 49.745 $\pm$ 0.028 χ^2 /NDF:1421.1/1

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: 48.548 $\pm$ 0.019 χ^2 /NDF: 5819.4/3

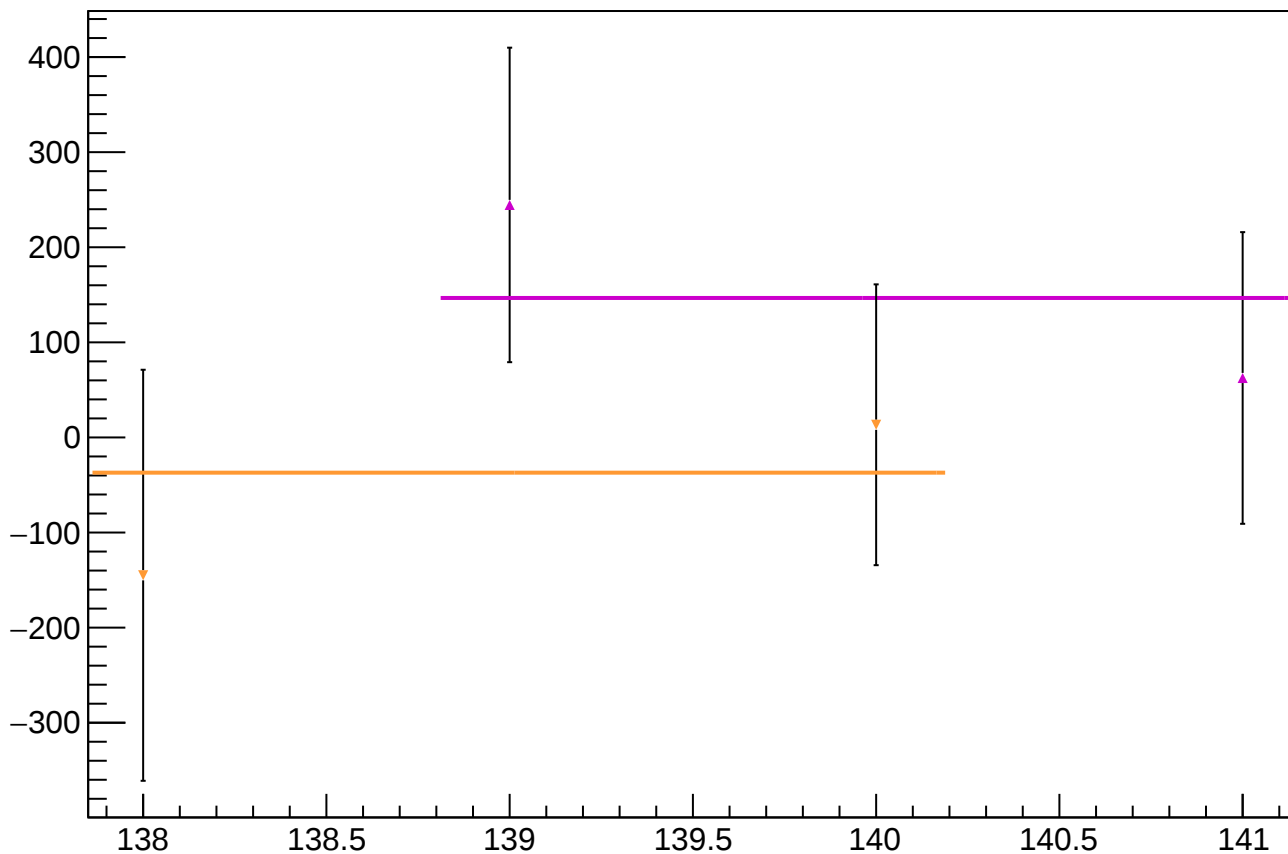
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 56.134 $\pm$ 0.014 χ^2 /NDF:1384449.4/18

Out: 59.428 $\pm$ 0.015 χ^2 /NDF:1666961.1/20

All: 57.698 $\pm$ 0.010 χ^2 /NDF: 3076407.0/39

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -37.040 $\pm$ 121.918 χ^2 /NDF:0.4/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 146.675 $\pm$ 112.449 χ^2 /NDF:0.7/1

Left: 62.228 $\pm$ 82.658 χ^2 /NDF: 2.2/3

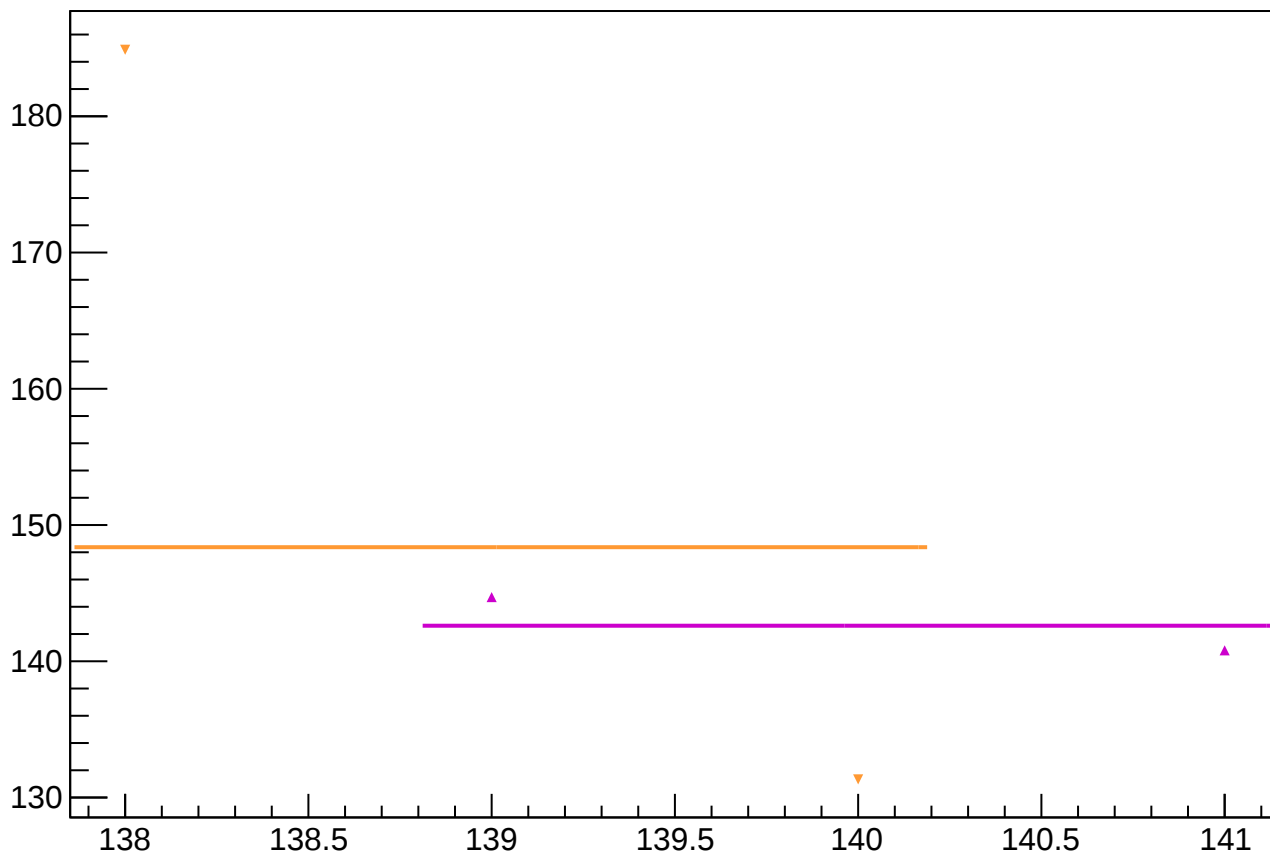
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 146.675 $\pm$ 112.449 χ^2 /NDF:0.7/1

Out: -37.040 $\pm$ 121.918 χ^2 /NDF:0.4/1

All: 62.228 $\pm$ 82.658 χ^2 /NDF: 2.2/3

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: 148.373+/-0.086 χ^2/NDF : 83715.8/1

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: 145.259+/-0.058 χ^2/NDF : 86731.1/3

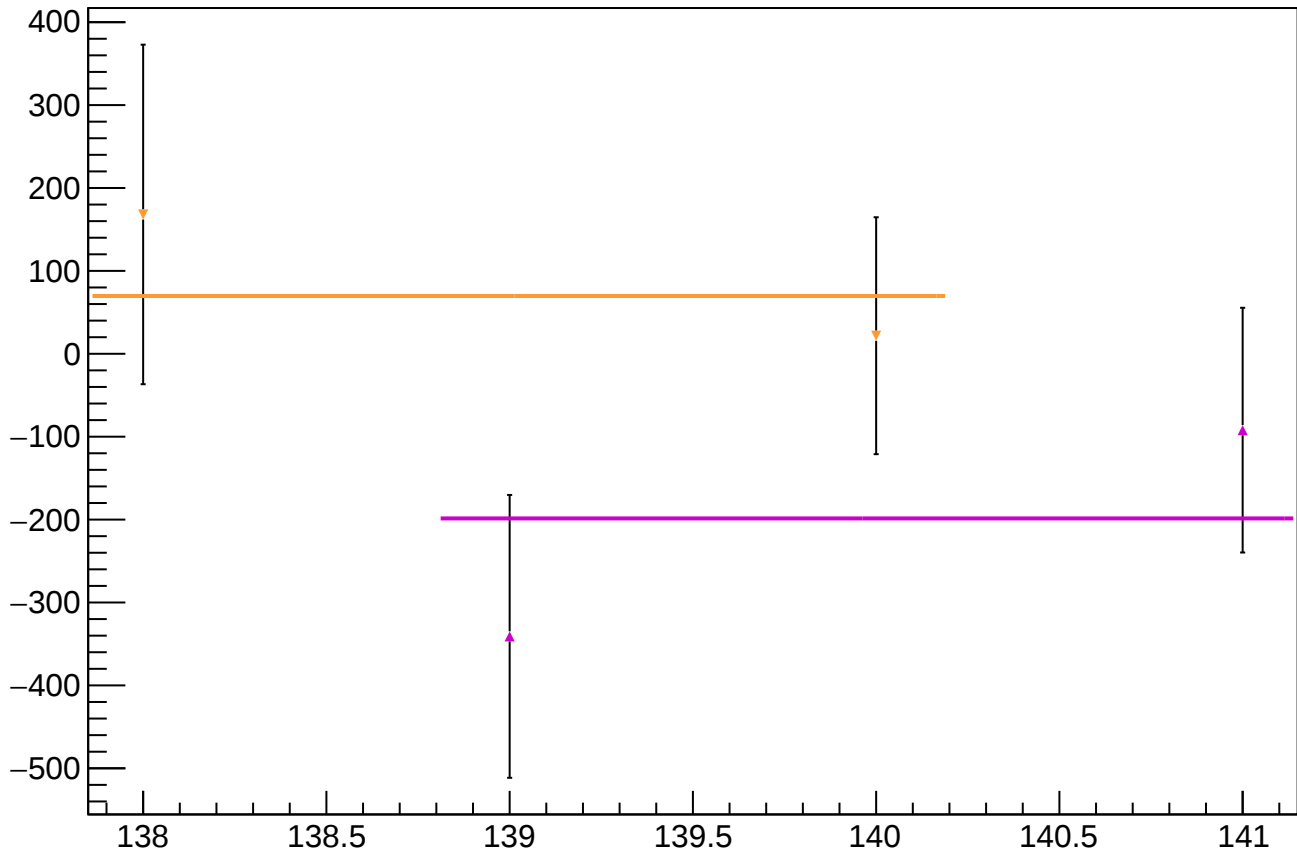
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.609+/-0.080 χ^2/NDF : 600.4/1

Out: 148.373+/-0.086 χ^2/NDF : 83715.8/1

All: 145.259+/-0.058 χ^2/NDF : 86731.1/3

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 69.710+/-117.188 χ^2/NDF : 0.3/1

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: -70.978+/-80.821 χ^2/NDF : 4.3/3

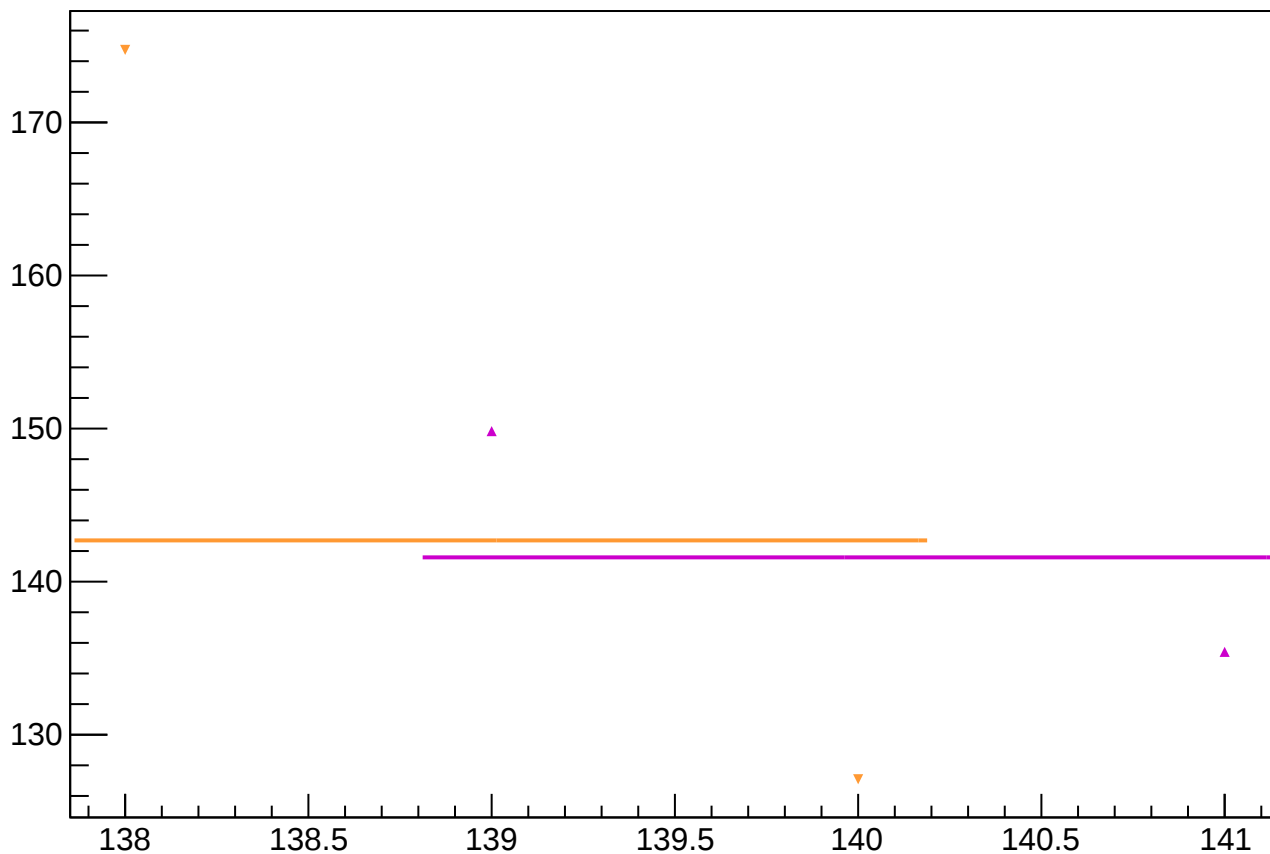
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -198.601+/-111.613 χ^2/NDF : 1.2/1

Out: 69.710+/-117.188 χ^2/NDF : 0.3/1

All: -70.978+/-80.821 χ^2/NDF : 4.3/3

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 142.695+/-0.083 χ^2/NDF : 72817.7/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 141.586+/-0.079 χ^2/NDF : 8172.6/1

Left: 142.113+/-0.057 χ^2/NDF : 81084.0/3

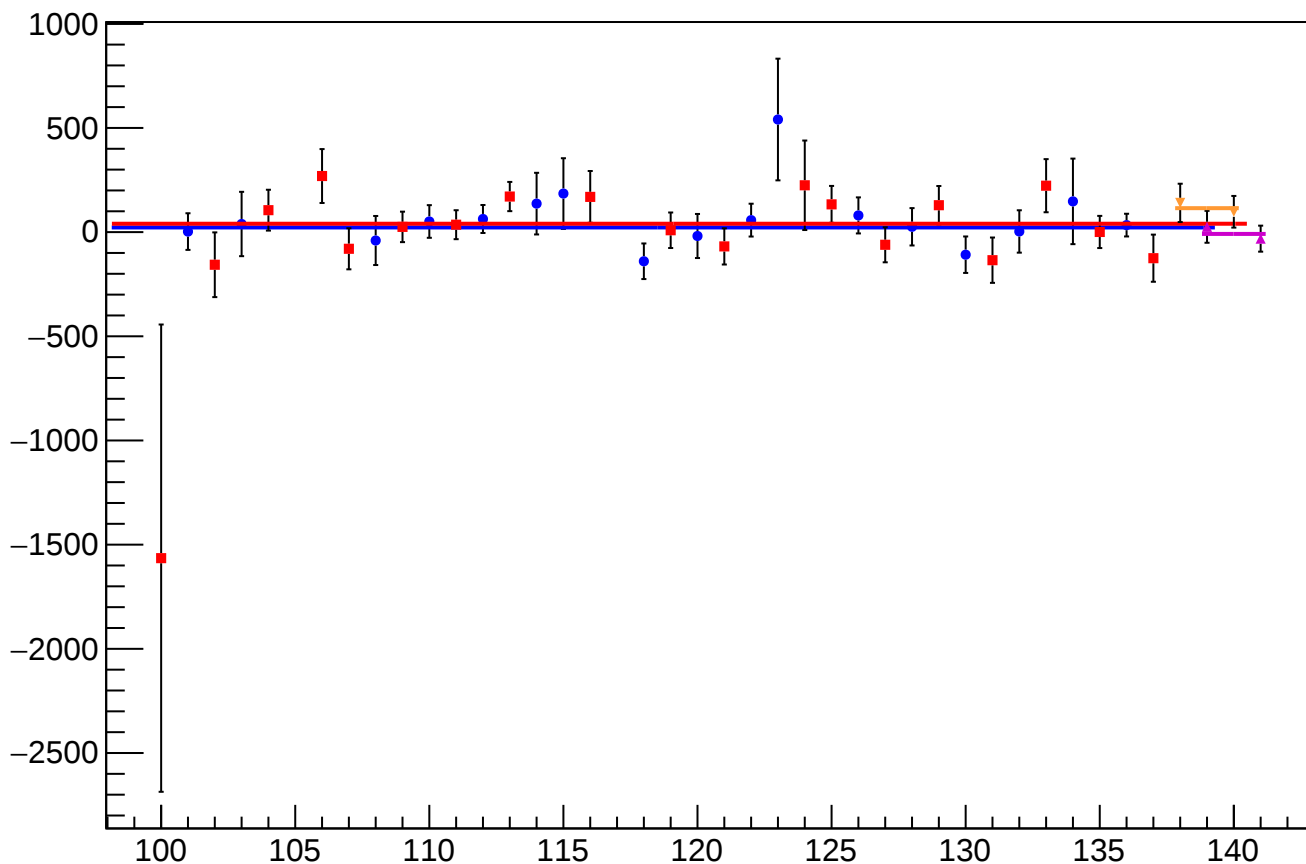
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 141.586+/-0.079 χ^2/NDF : 8172.6/1

Out: 142.695+/-0.083 χ^2/NDF : 72817.7/1

All: 142.113+/-0.057 χ^2/NDF : 81084.0/3

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 114.948 $\pm$ 58.571 χ^2 /NDF:0.1/1

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: -8.682 $\pm$ 48.388 χ^2 /NDF:0.3/1

Left: 41.469 $\pm$ 37.304 χ^2 /NDF: 3.1/3

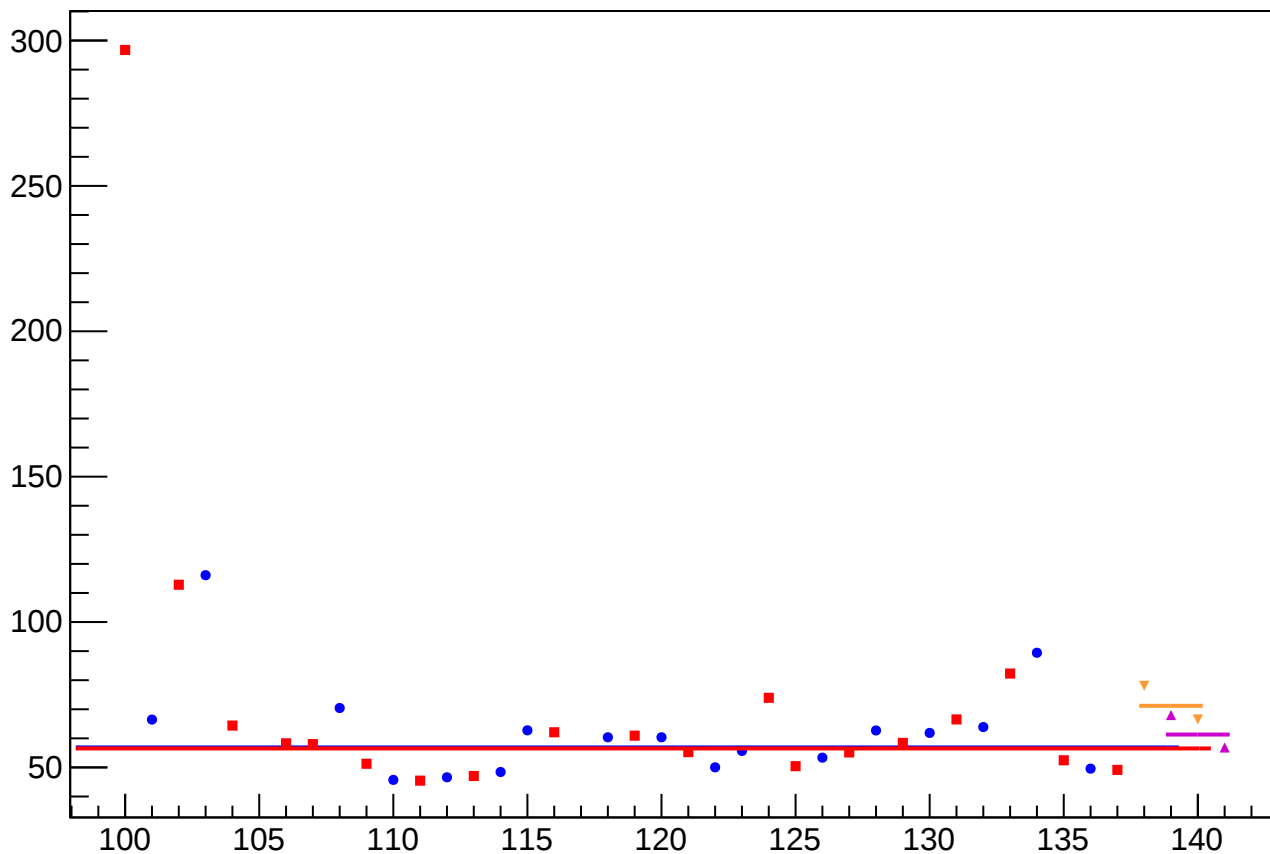
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 16.792 $\pm$ 20.495 χ^2 /NDF:13.3/18

Out: 49.576 $\pm$ 20.703 χ^2 /NDF:27.8/20

All: 33.018 $\pm$ 14.565 χ^2 /NDF: 42.3/39

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: 71.189 $\pm$ 0.041 χ^2 /NDF: 18791.4/1

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: 65.320 $\pm$ 0.026 χ^2 /NDF: 78058.2/3

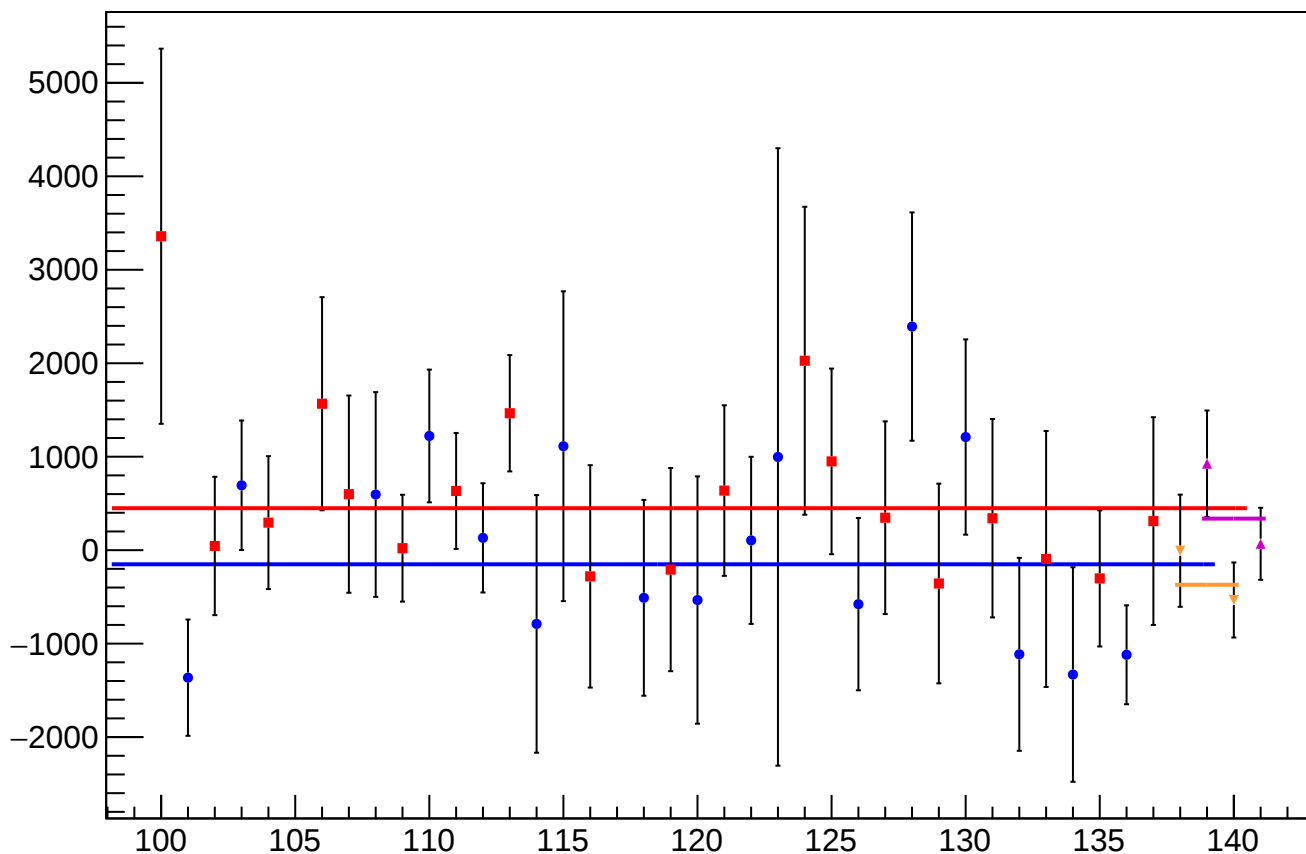
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 57.674 $\pm$ 0.014 χ^2 /NDF: 614752.5/18

Out: 58.359 $\pm$ 0.015 χ^2 /NDF: 740730.3/20

All: 58.014 $\pm$ 0.010 χ^2 /NDF: 1356588.8/39

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -370.152+/-333.669 χ^2/NDF : 0.5/1

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: -0.470+/-230.612 χ^2/NDF : 4.4/3

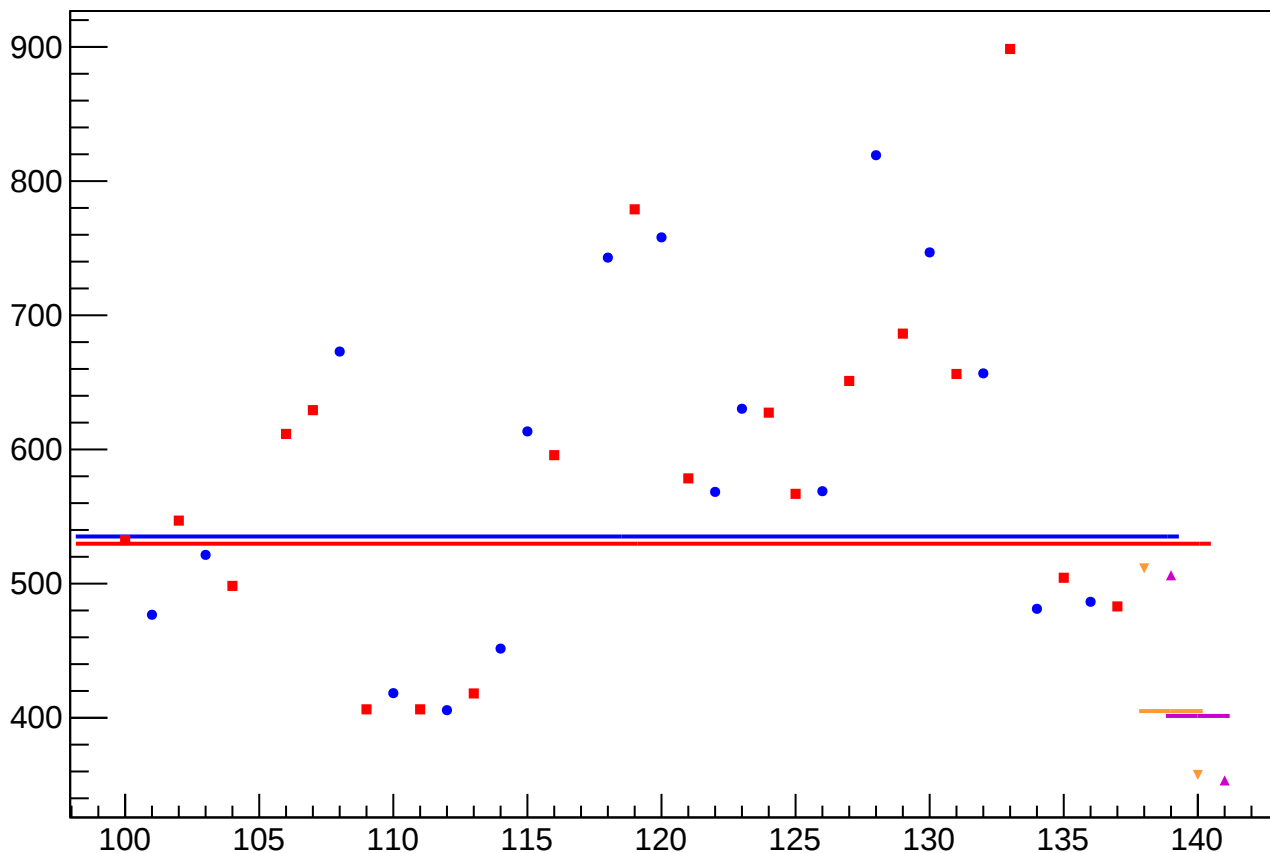
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: -1.065+/-176.838 χ^2/NDF : 25.6/18

Out: 226.071+/-174.048 χ^2/NDF : 15.4/20

All: 114.309+/-124.045 χ^2/NDF : 41.9/39

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 404.999 $\pm$ 0.236 χ^2 /NDF: 90955.2/1

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 401.397 $\pm$ 0.226 χ^2 /NDF: 99000.7/1

Left: 403.118 $\pm$ 0.163 χ^2 /NDF: 190077.7/3

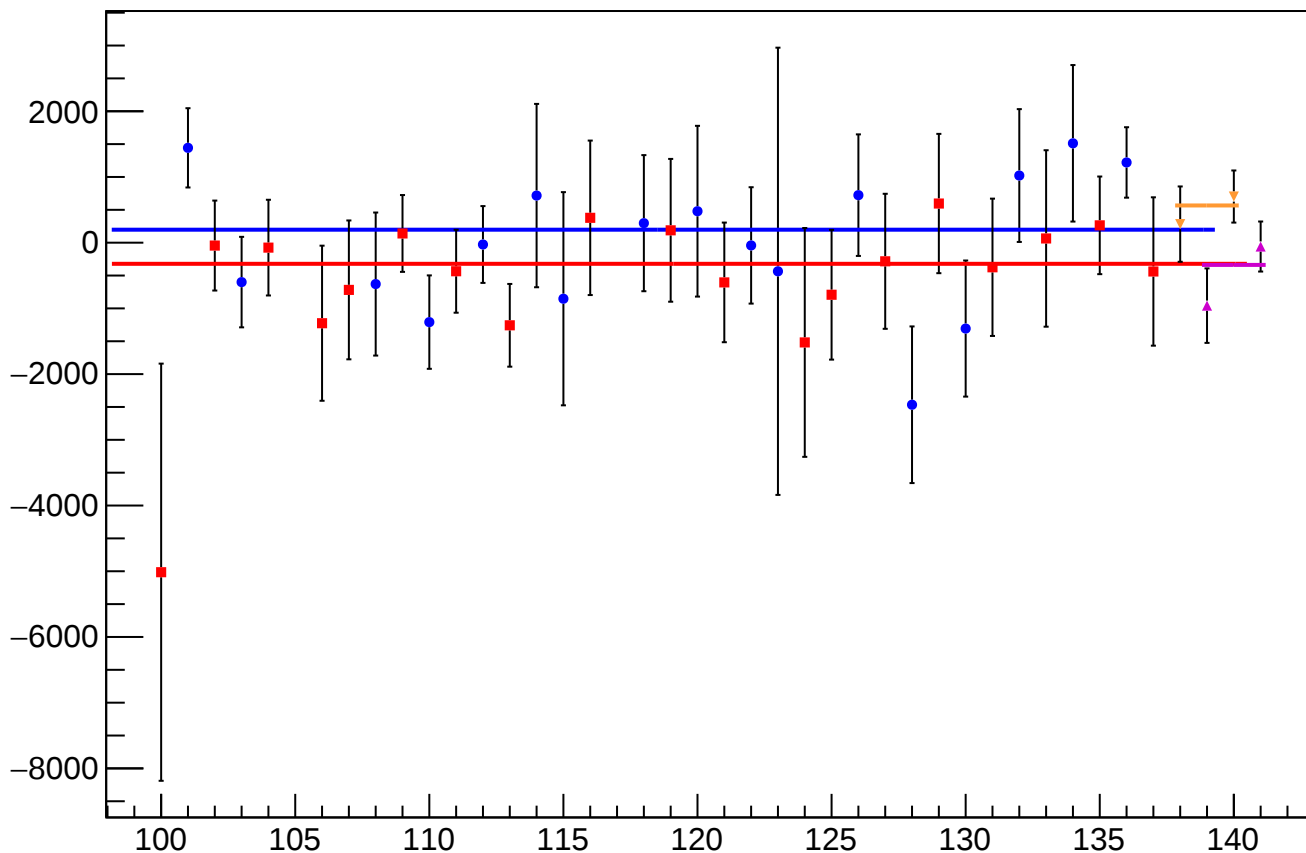
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 494.061 $\pm$ 0.125 χ^2 /NDF: 938518.4/18

Out: 495.806 $\pm$ 0.123 χ^2 /NDF: 941179.8/20

All: 494.947 $\pm$ 0.088 χ^2 /NDF: 1879797.1/39

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 566.339 $\pm$ 326.084 χ^2 /NDF:0.4/1

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: 99.908 $\pm$ 226.944 χ^2 /NDF: 6.1/3

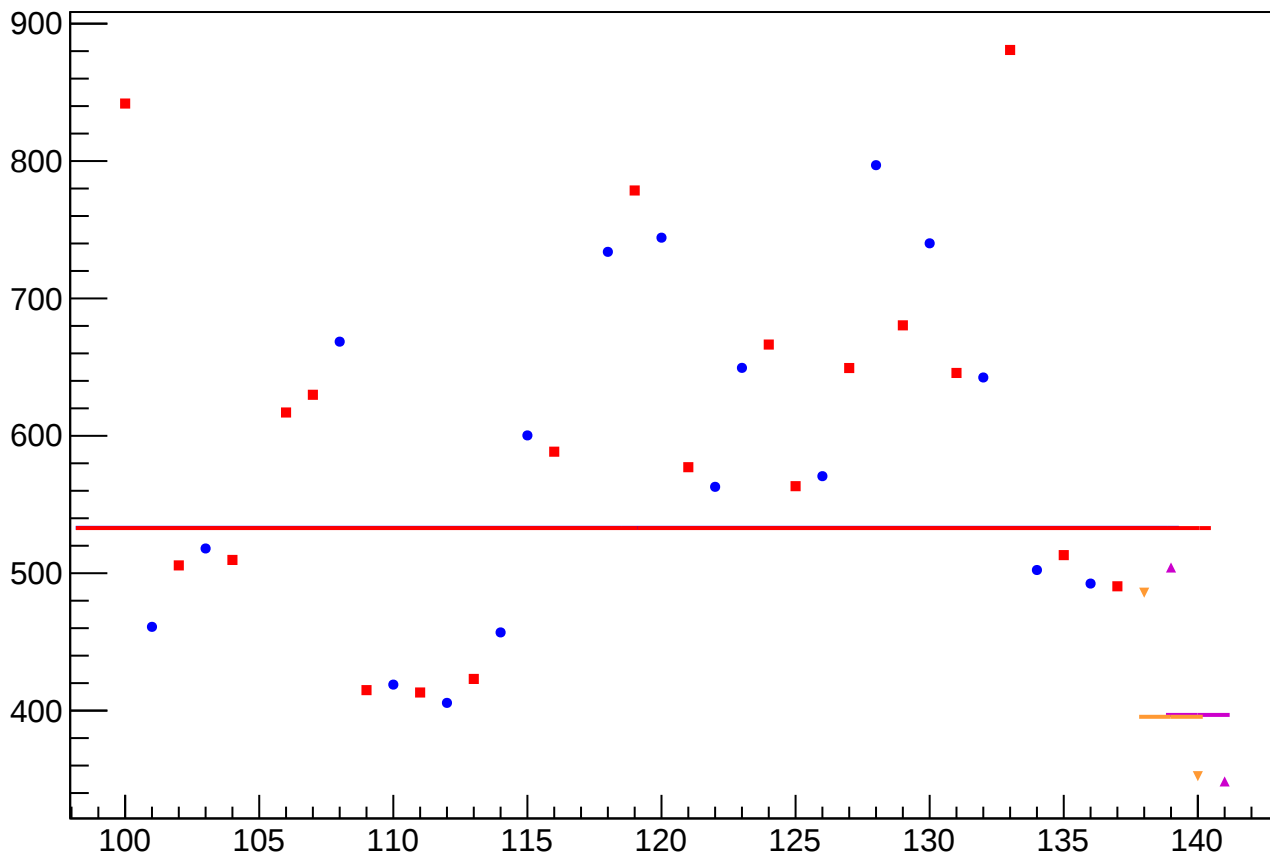
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 31.850 $\pm$ 175.760 χ^2 /NDF:27.6/18

Out: -69.574 $\pm$ 173.716 χ^2 /NDF:14.6/20

All: -19.455 $\pm$ 123.552 χ^2 /NDF: 42.4/39

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 395.495+/-0.231 χ^2/NDF : 73472.1/1

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: 396.203+/-0.160 χ^2/NDF : 177508.5/3

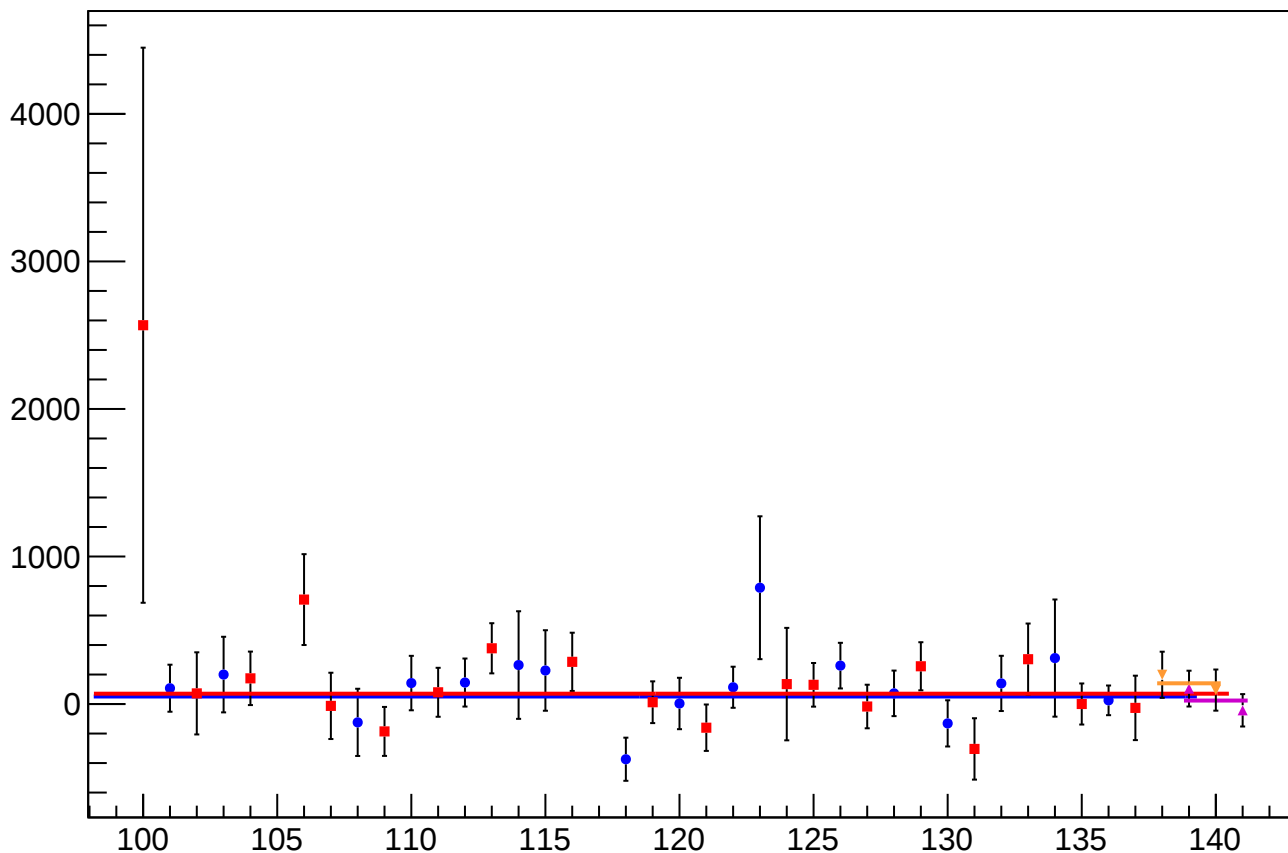
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 490.919+/-0.124 χ^2/NDF : 927293.2/18

Out: 493.873+/-0.123 χ^2/NDF : 944600.1/20

All: 492.413+/-0.087 χ^2/NDF : 1872179.0/39

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 140.533+/-104.073 χ^2/NDF : 0.2/1

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: 68.030+/-64.123 χ^2/NDF : 1.8/3

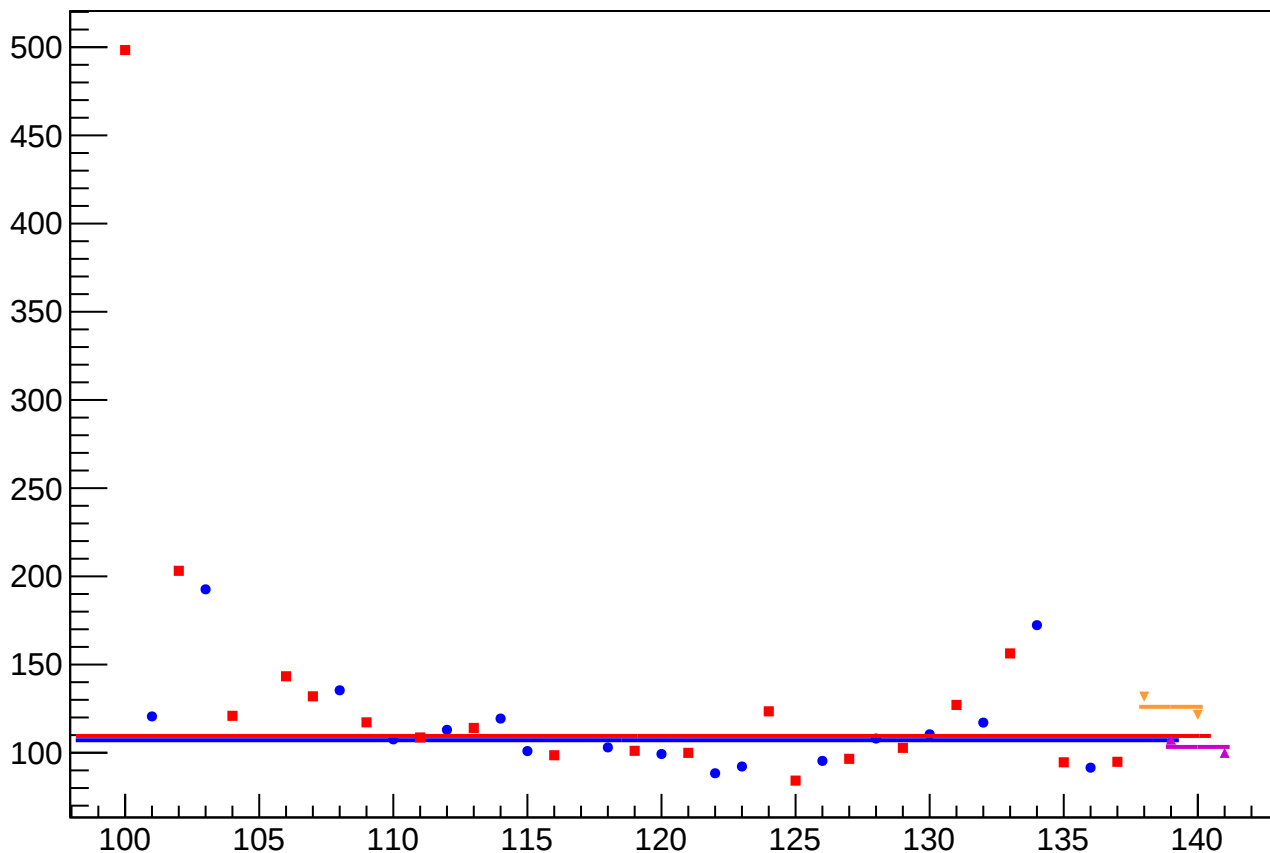
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 45.294+/-37.616 χ^2/NDF : 18.3/18

Out: 80.261+/-39.577 χ^2/NDF : 22.8/20

All: 61.890+/-27.266 χ^2/NDF : 41.5/39

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094+/-0.030 χ^2/NDF : 437755.4/16

Left Out: 126.041+/-0.074 χ^2/NDF : 4856.4/1

Right Out: 109.530+/-0.030 χ^2/NDF : 591522.9/18

Left In: 103.309+/-0.058 χ^2/NDF : 4201.2/1

Left: 111.938+/-0.045 χ^2/NDF : 68256.4/3

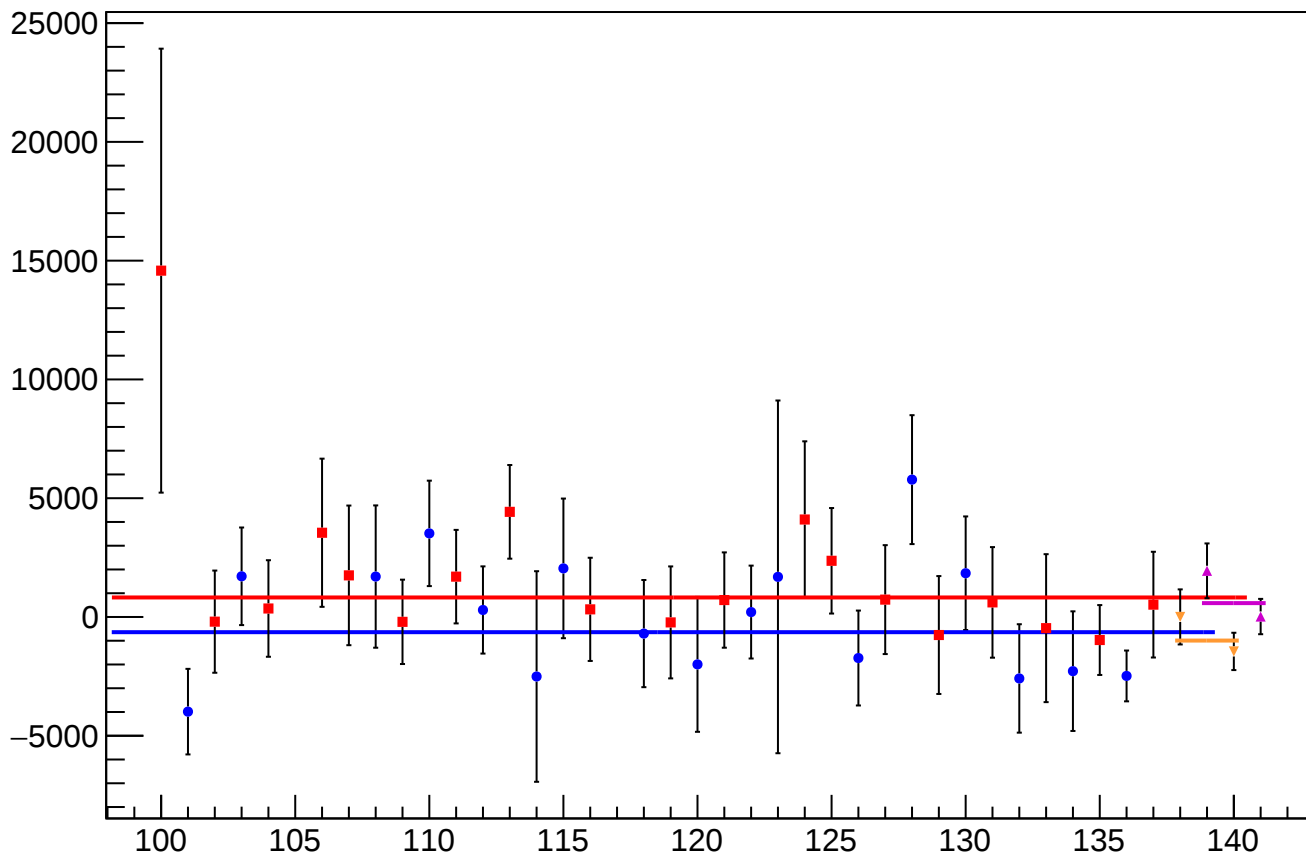
Right: 108.301+/-0.021 χ^2/NDF : 1032549.7/35

In: 106.286+/-0.027 χ^2/NDF : 445356.7/18

Out: 111.918+/-0.028 χ^2/NDF : 639437.2/20

All: 108.959+/-0.019 χ^2/NDF : 1106076.9/39

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -992.904+/-650.144 χ^2/NDF :1.1/1

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: -173.351+/-450.511 χ^2/NDF : 6.1/3

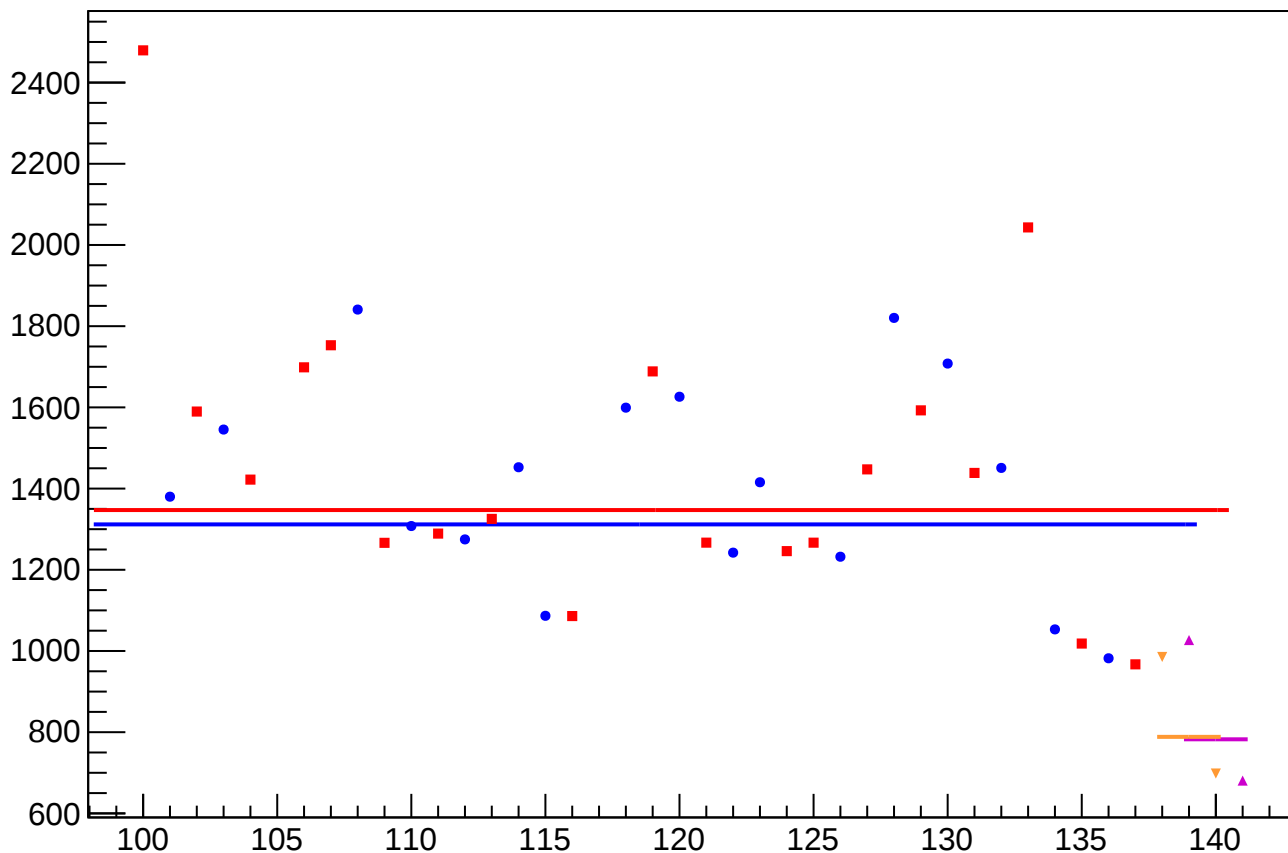
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -140.066+/-399.355 χ^2/NDF :26.0/18

Out: 120.831+/-404.011 χ^2/NDF :16.9/20

All: -11.130+/-284.018 χ^2/NDF : 43.1/39

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 788.501 $\pm$ 0.460 χ^2 /NDF: 84095.3/1

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 782.474 $\pm$ 0.442 χ^2 /NDF: 127324.3/1

Left: 785.368 $\pm$ 0.319 χ^2 /NDF: 211508.9/3

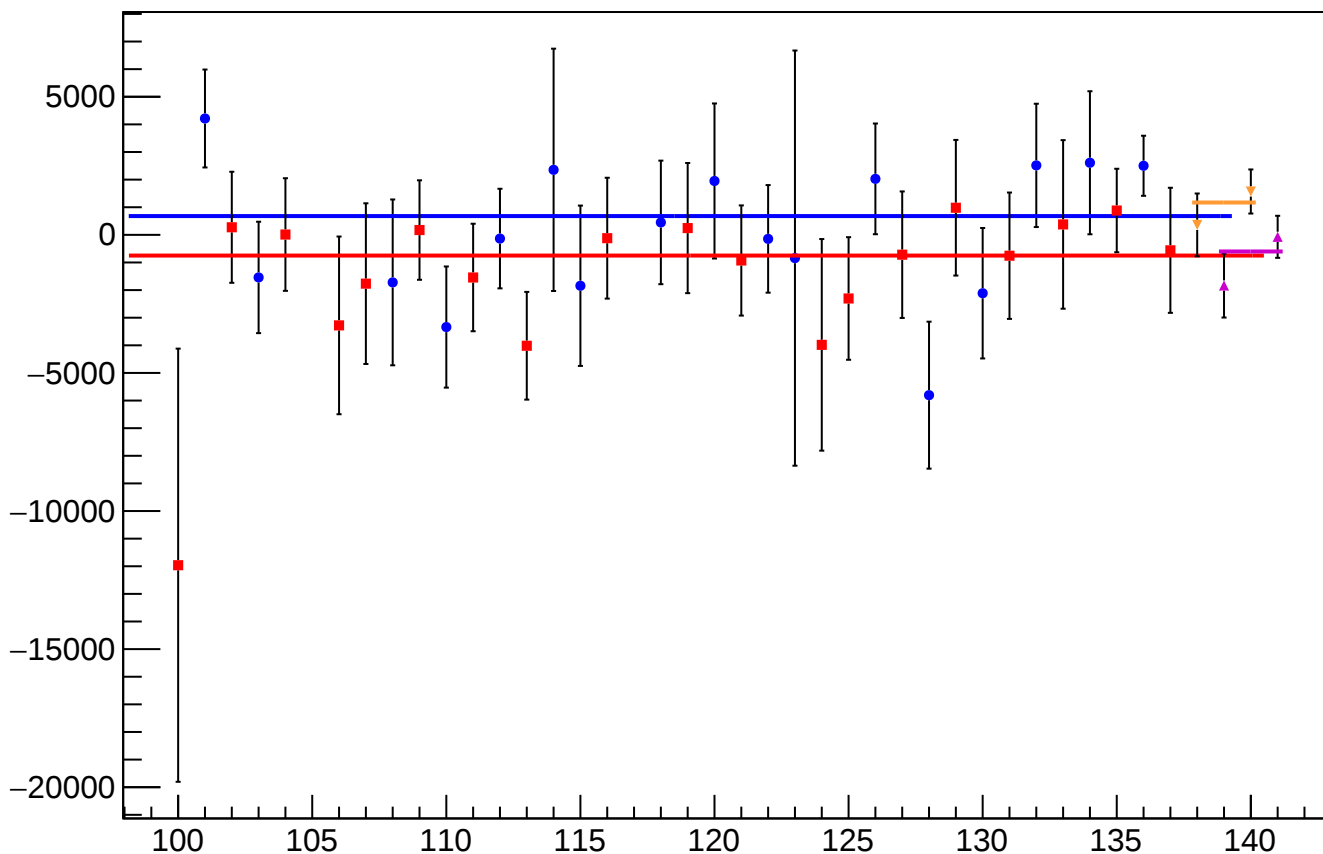
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 1095.577 $\pm$ 0.282 χ^2 /NDF: 1488966.1/18

Out: 1131.402 $\pm$ 0.286 χ^2 /NDF: 1480897.9/20

All: 1113.282 $\pm$ 0.201 χ^2 /NDF: 2977818.0/39

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1170.797+/-653.093 χ^2/NDF : 0.8/1

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: 261.722+/-455.826 χ^2/NDF : 6.1/3

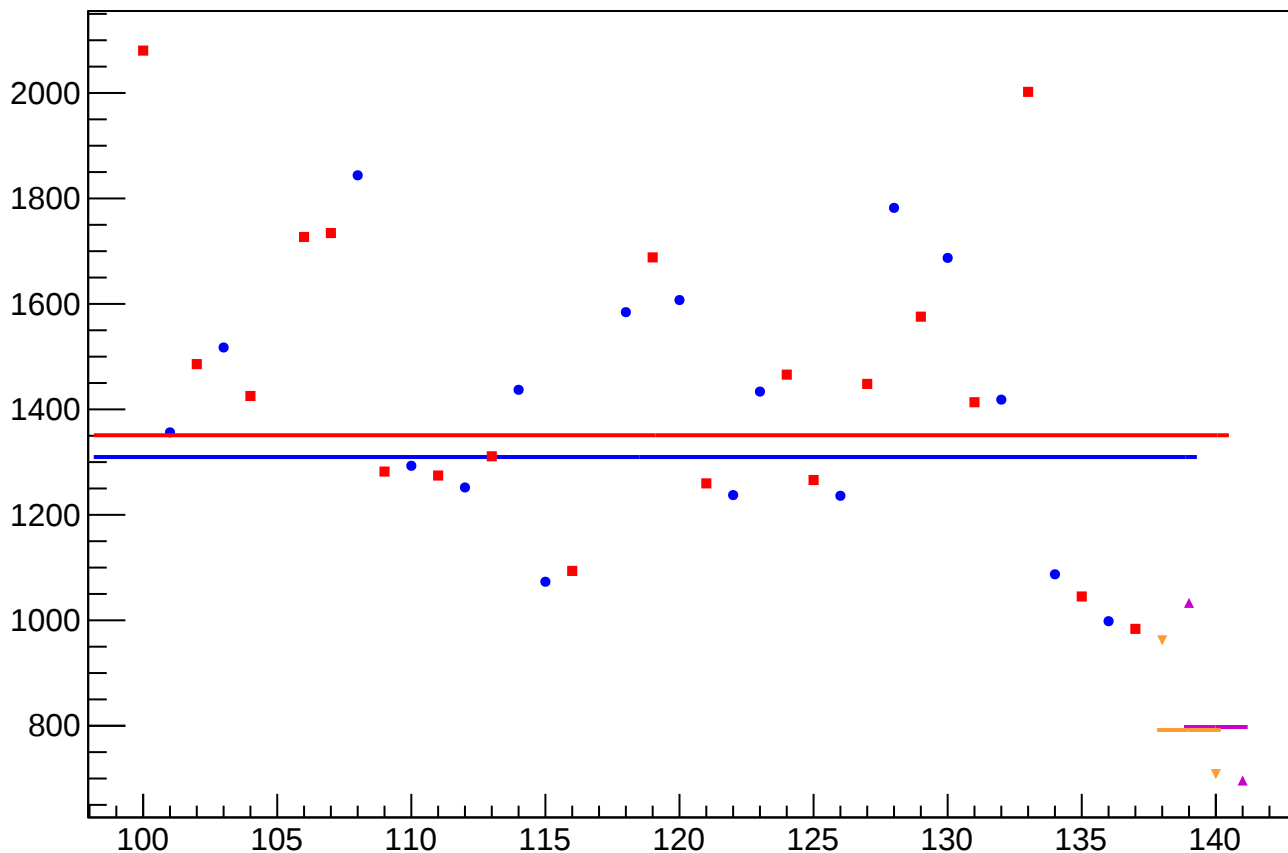
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 169.855+/-401.536 χ^2/NDF : 26.6/18

Out: -11.266+/-404.974 χ^2/NDF : 15.8/20

All: 80.067+/-285.137 χ^2/NDF : 42.5/39

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 792.077 $\pm$ 0.462 χ^2 /NDF: 66777.2/1

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 797.653 $\pm$ 0.450 χ^2 /NDF: 117921.6/1

Left: 794.937 $\pm$ 0.322 χ^2 /NDF: 184773.6/3

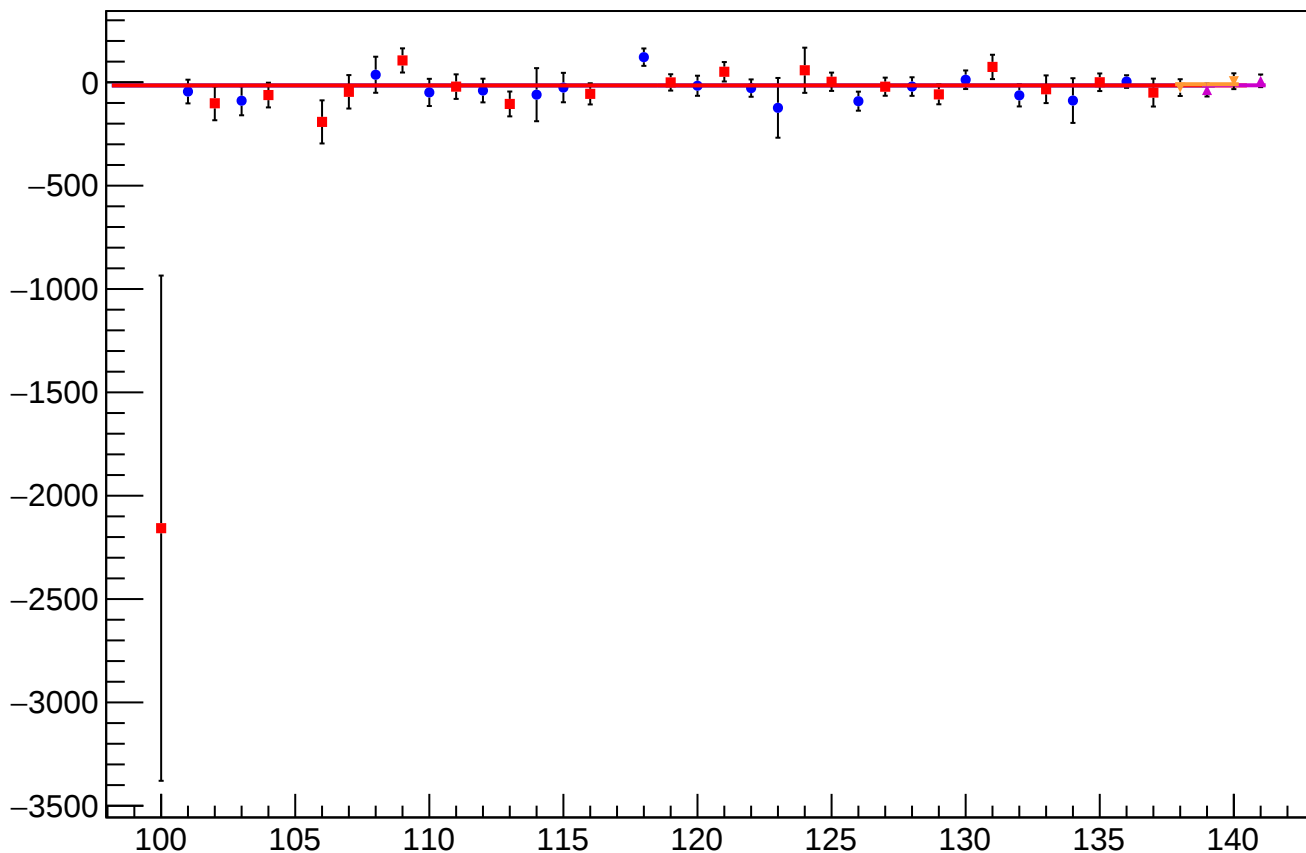
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 1105.891 $\pm$ 0.284 χ^2 /NDF: 1356333.7/18

Out: 1136.054 $\pm$ 0.286 χ^2 /NDF: 1390898.2/20

All: 1120.844 $\pm$ 0.202 χ^2 /NDF: 2752826.7/39

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: -9.298 ± 27.834 $\chi^2/\text{NDF}: 0.3/1$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -14.485 ± 21.895 $\chi^2/\text{NDF}: 1.0/1$

Left: -12.503 ± 17.209 $\chi^2/\text{NDF}: 1.4/3$

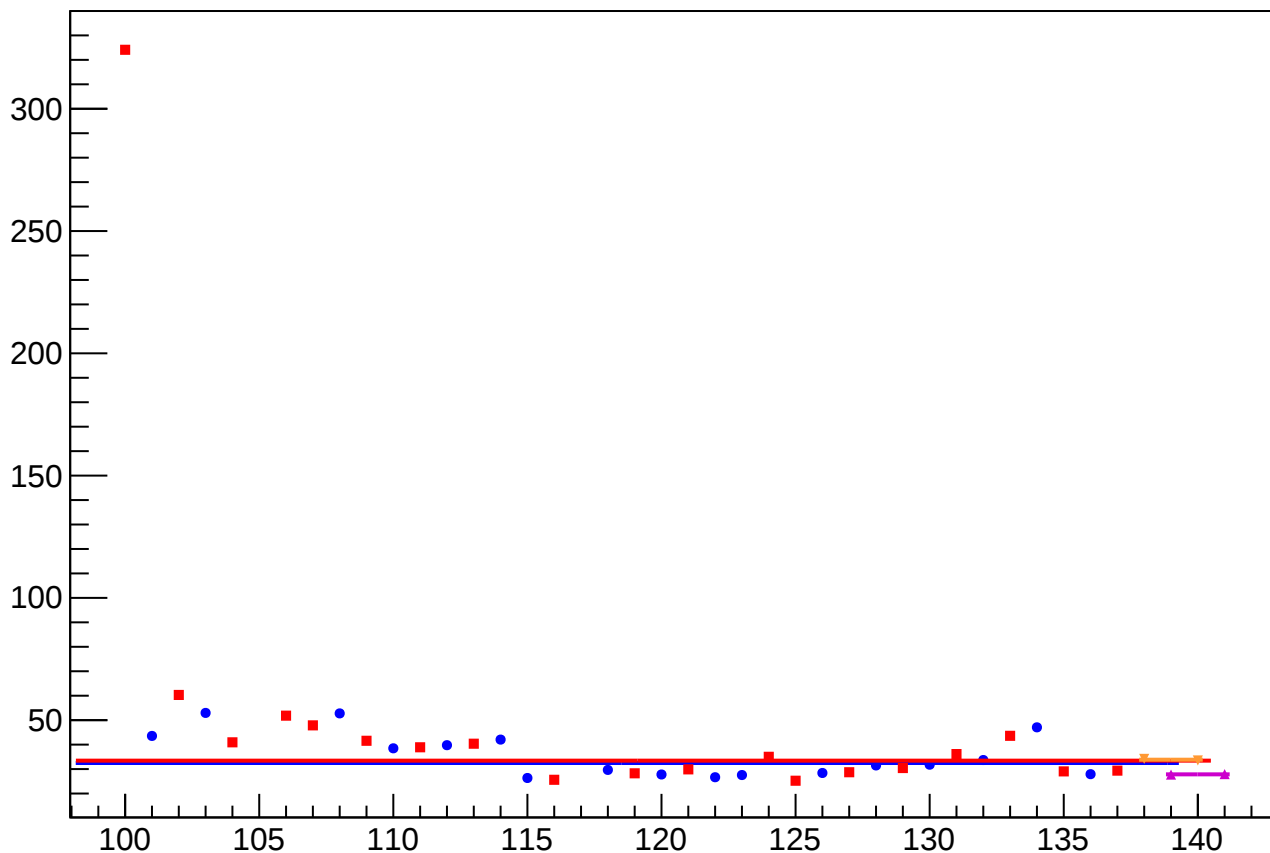
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -15.076 ± 11.119 $\chi^2/\text{NDF}: 19.4/18$

Out: -14.036 ± 11.850 $\chi^2/\text{NDF}: 21.6/20$

All: -14.589 ± 8.109 $\chi^2/\text{NDF}: 41.0/39$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 33.831+/-0.020 χ^2/NDF : 262.1/1

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 27.843+/-0.015 χ^2/NDF : 40.5/1

Left: 30.132+/-0.012 χ^2/NDF : 57484.5/3

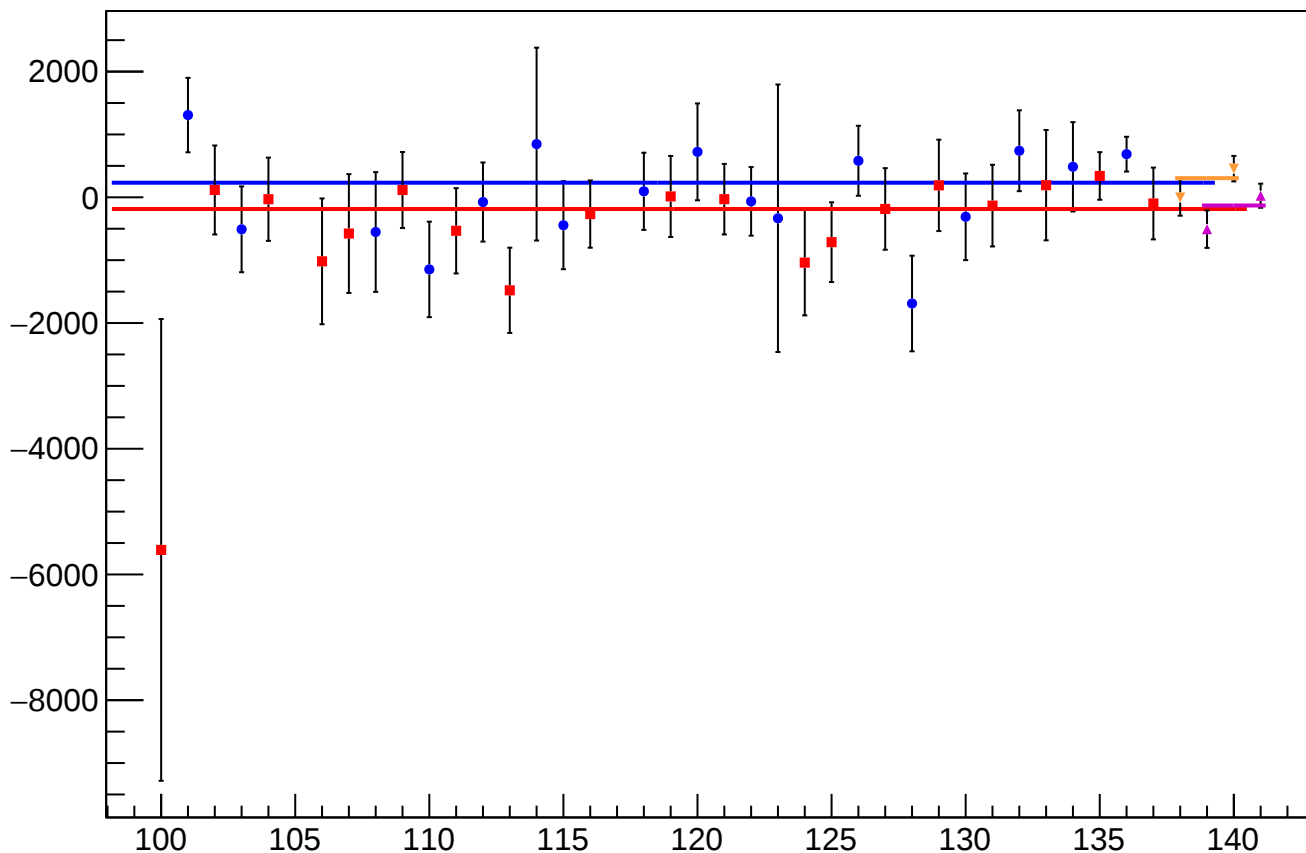
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 31.291+/-0.008 χ^2/NDF : 661364.3/18

Out: 33.514+/-0.008 χ^2/NDF : 838921.7/20

All: 32.332+/-0.006 χ^2/NDF : 1537736.1/39

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: 304.764 $\pm$ 165.918 χ^2 /NDF:1.7/1

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: 80.997 $\pm$ 115.611 χ^2 /NDF: 7.5/3

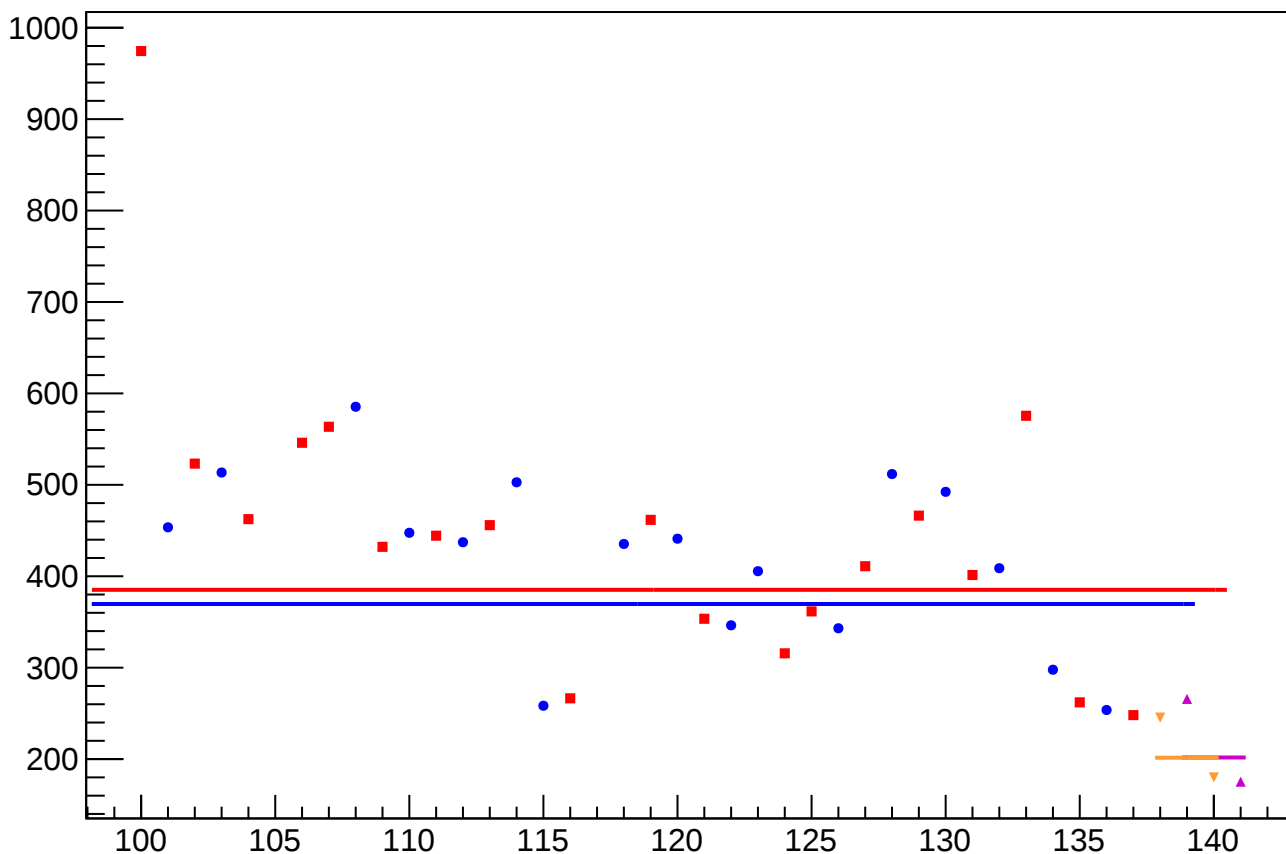
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 65.767 $\pm$ 109.257 χ^2 /NDF:26.4/18

Out: 34.410 $\pm$ 111.219 χ^2 /NDF:18.3/20

All: 50.368 $\pm$ 77.941 χ^2 /NDF: 44.8/39

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: 201.508 $\pm$ 0.117 χ^2/NDF : 68592.5/1

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: 201.639 $\pm$ 0.082 χ^2/NDF : 199154.8/3

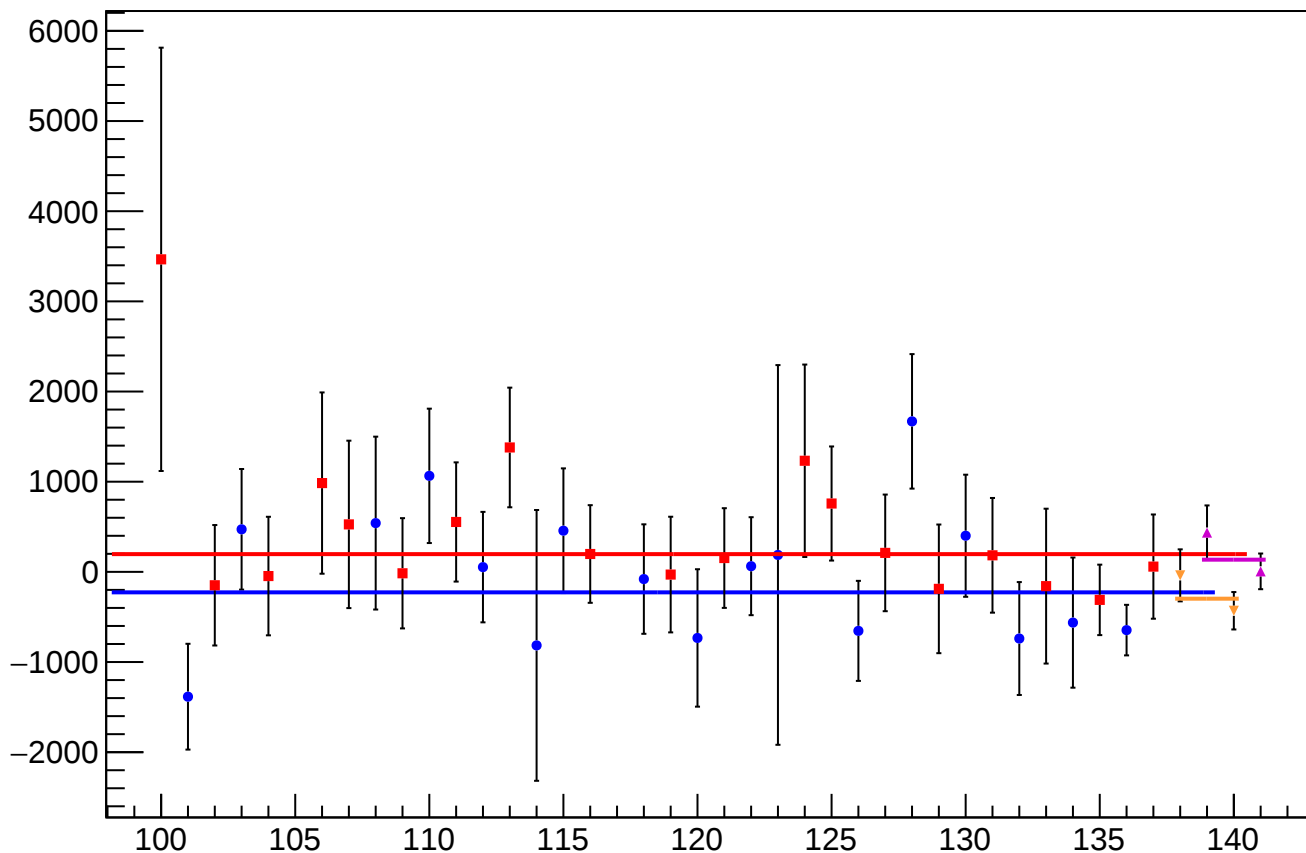
Right: 377.336 $\pm$ 0.075 χ^2/NDF : 1840139.7/35

In: 292.510 $\pm$ 0.077 χ^2/NDF : 2206188.8/18

Out: 302.635 $\pm$ 0.079 χ^2/NDF : 2344409.3/20

All: 297.482 $\pm$ 0.055 χ^2/NDF : 4559033.0/39

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -297.454 ± 168.417 χ^2/NDF : 1.2/1

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 135.155 ± 165.356 χ^2/NDF : 1.4/1

Left: -77.182 ± 117.992 χ^2/NDF : 6.0/3

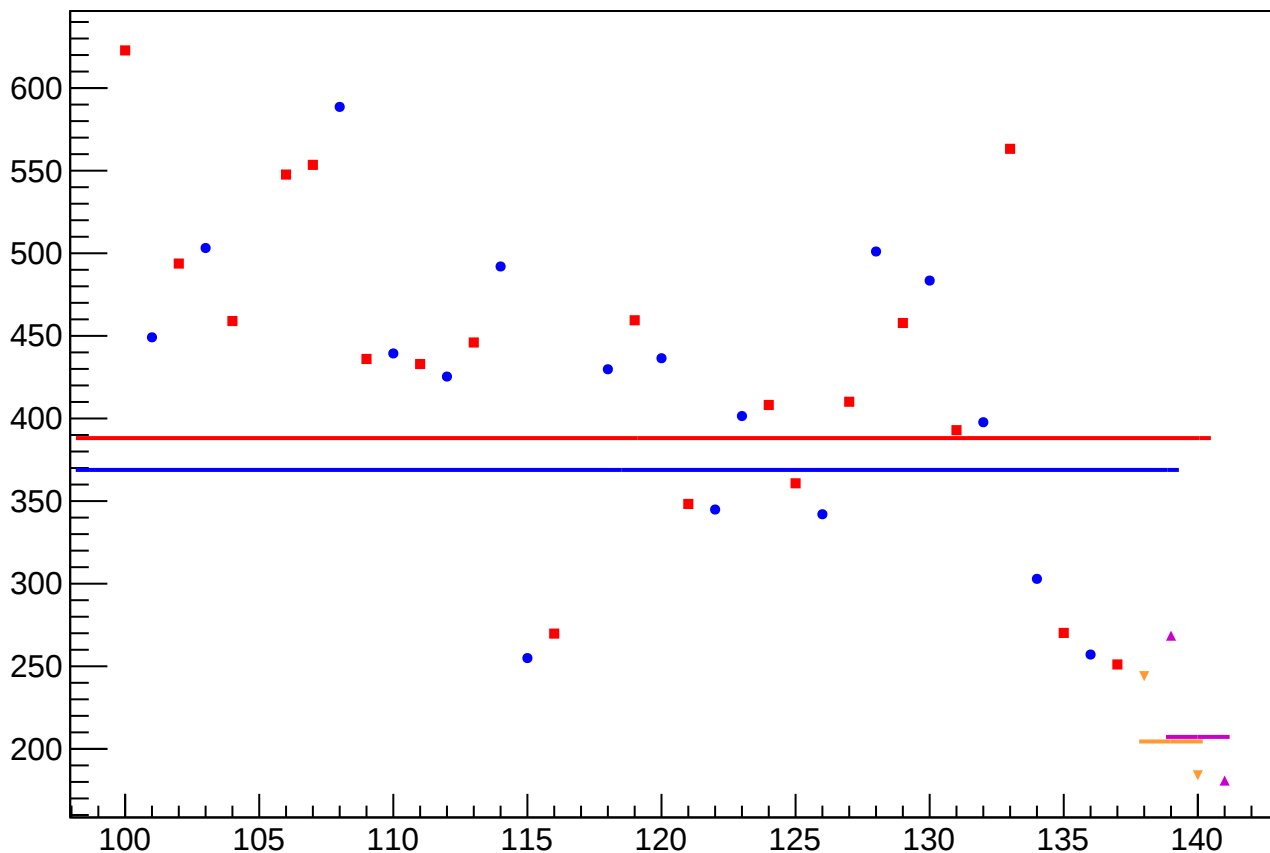
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -66.168 ± 110.247 χ^2/NDF : 25.9/18

Out: -22.151 ± 112.088 χ^2/NDF : 16.8/20

All: -44.524 ± 78.599 χ^2/NDF : 42.8/39

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: 204.488 $\pm$ 0.119 χ^2 /NDF: 57042.0/1

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: 205.897 $\pm$ 0.083 χ^2 /NDF: 175773.9/3

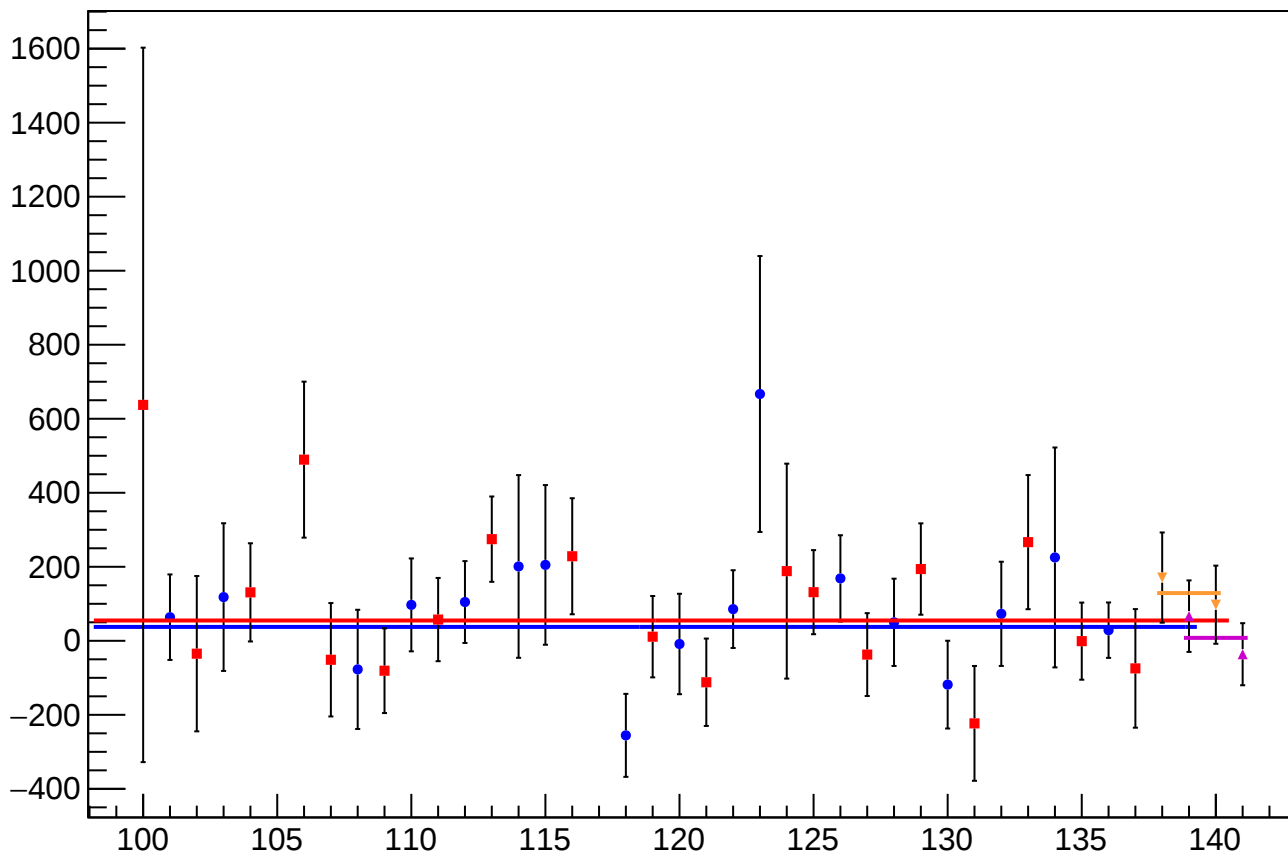
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 297.025 $\pm$ 0.078 χ^2 /NDF: 2009359.0/18

Out: 306.787 $\pm$ 0.079 χ^2 /NDF: 2159874.6/20

All: 301.825 $\pm$ 0.056 χ^2 /NDF: 4176945.1/39

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 128.968+/-79.798 χ^2/NDF : 0.2/1

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: 54.730+/-49.613 χ^2/NDF : 2.3/3

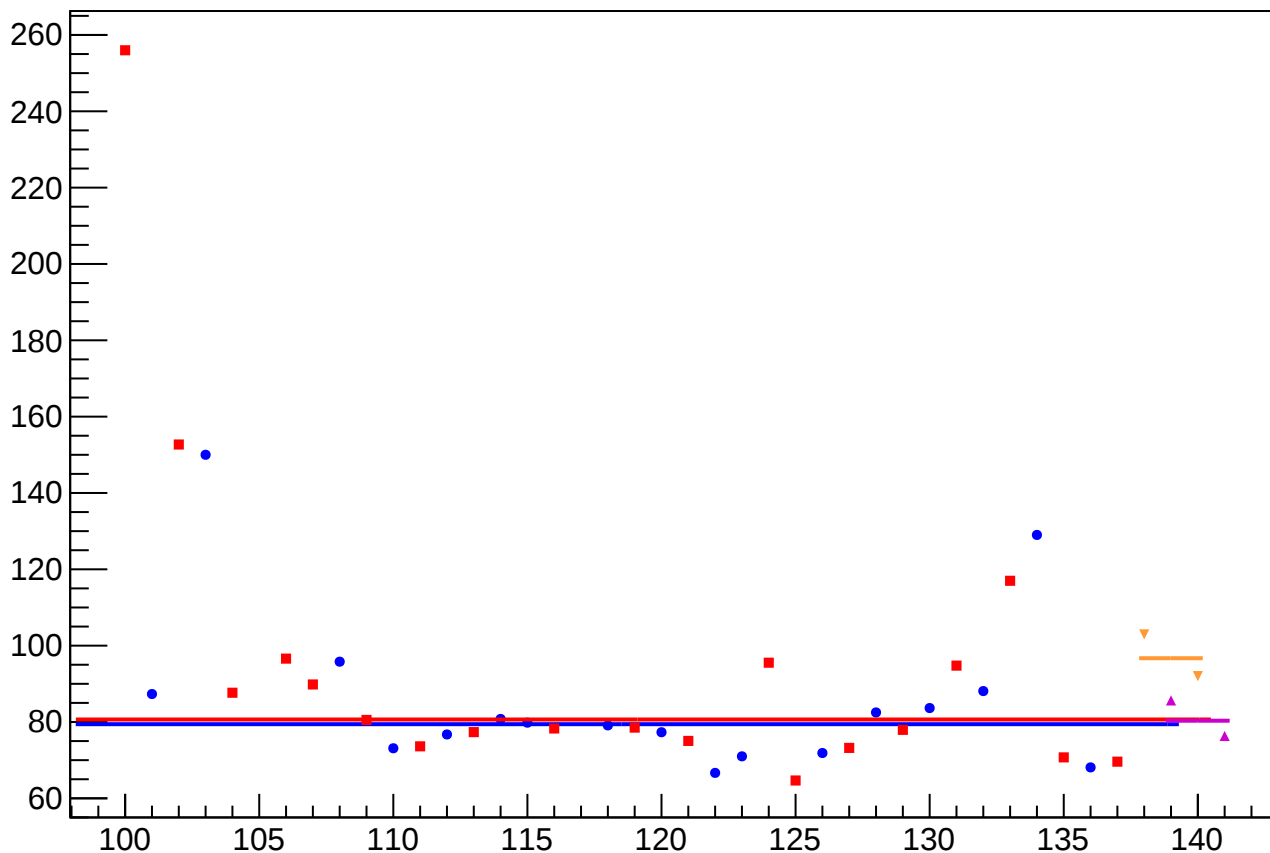
Right: 46.211+/-22.250 χ^2/NDF : 38.2/35

In: 31.682+/-28.176 χ^2/NDF : 16.7/18

Out: 64.865+/-29.278 χ^2/NDF : 23.1/20

All: 47.638+/-20.302 χ^2/NDF : 40.4/39

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: 96.707 $\pm$ 0.056 χ^2/NDF : 9188.6/1

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: 86.664 $\pm$ 0.035 χ^2/NDF : 71415.4/3

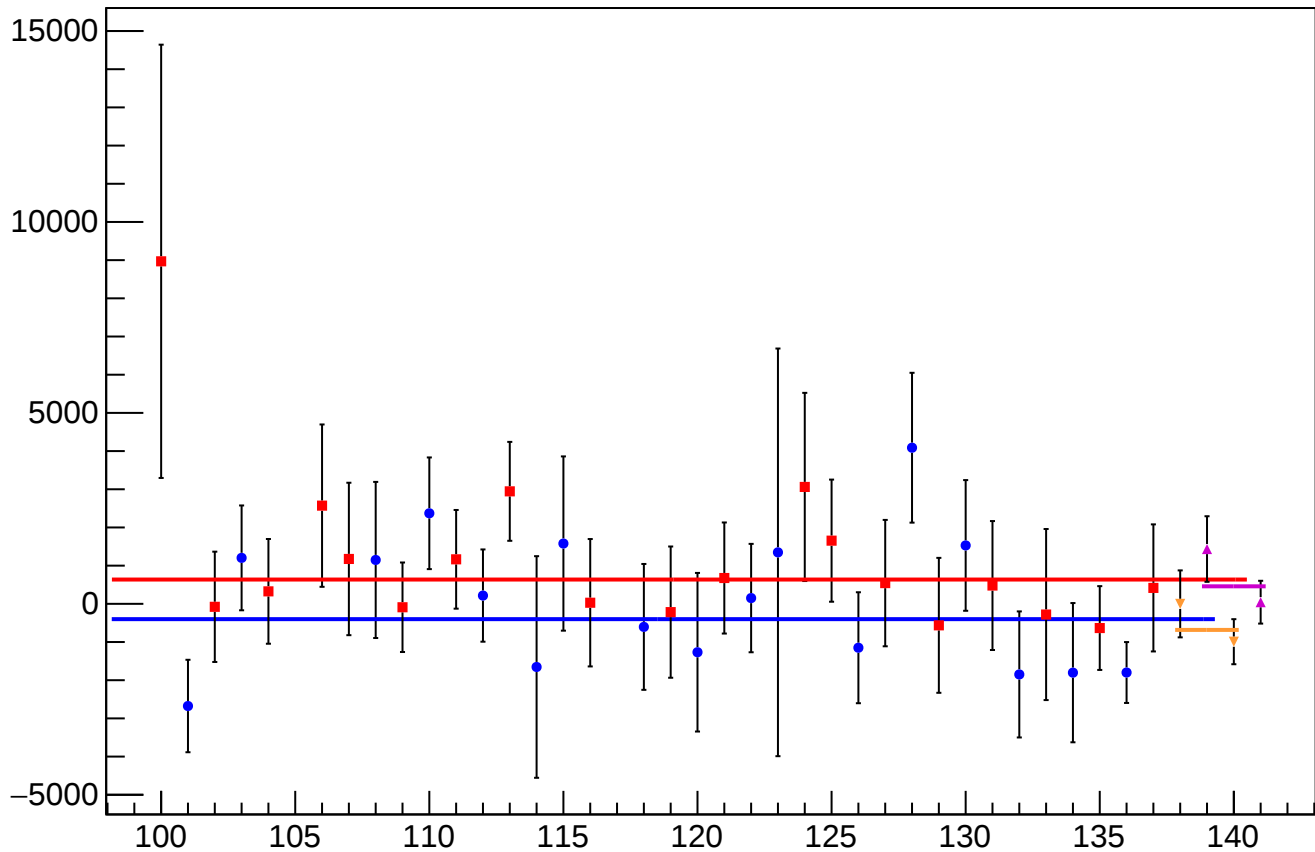
Right: 80.036 $\pm$ 0.016 χ^2/NDF : 961016.5/35

In: 79.602 $\pm$ 0.020 χ^2/NDF : 449969.8/18

Out: 82.813 $\pm$ 0.021 χ^2/NDF : 599689.2/20

All: 81.146 $\pm$ 0.014 χ^2/NDF : 1062147.5/39

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -683.055+/-489.389 χ^2/NDF : 0.9/1

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: -88.336+/-338.727 χ^2/NDF : 5.6/3

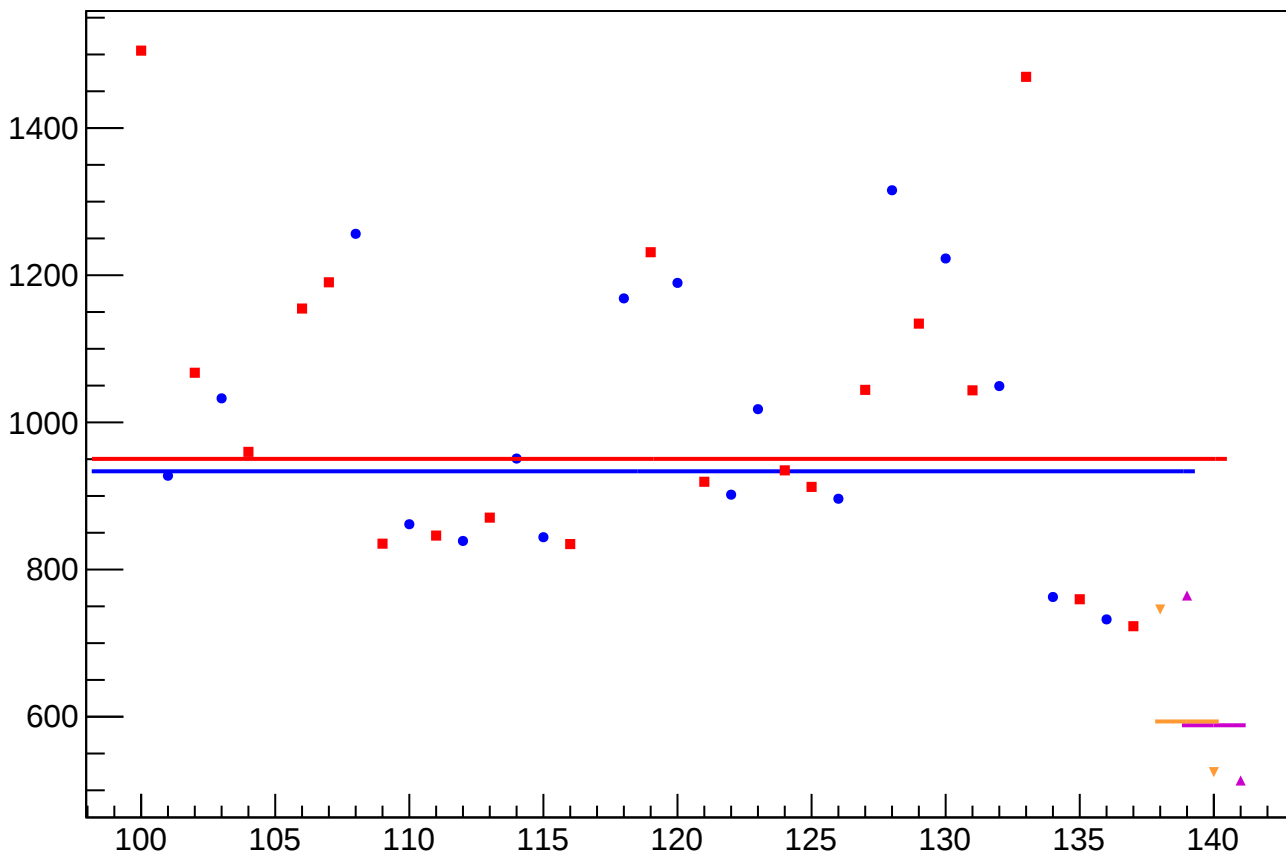
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: -73.214+/-289.821 χ^2/NDF : 25.8/18

Out: 168.064+/-291.512 χ^2/NDF : 16.4/20

All: 46.723+/-205.529 χ^2/NDF : 42.6/39

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2/NDF : 442321.9/16

Left Out: 593.558 $\pm$ 0.346 χ^2/NDF : 87542.3/1

Right Out: 950.411 $\pm$ 0.257 χ^2/NDF : 424360.9/18

Left In: 588.374 $\pm$ 0.332 χ^2/NDF : 120192.6/1

Left: 590.858 $\pm$ 0.240 χ^2/NDF : 207851.9/3

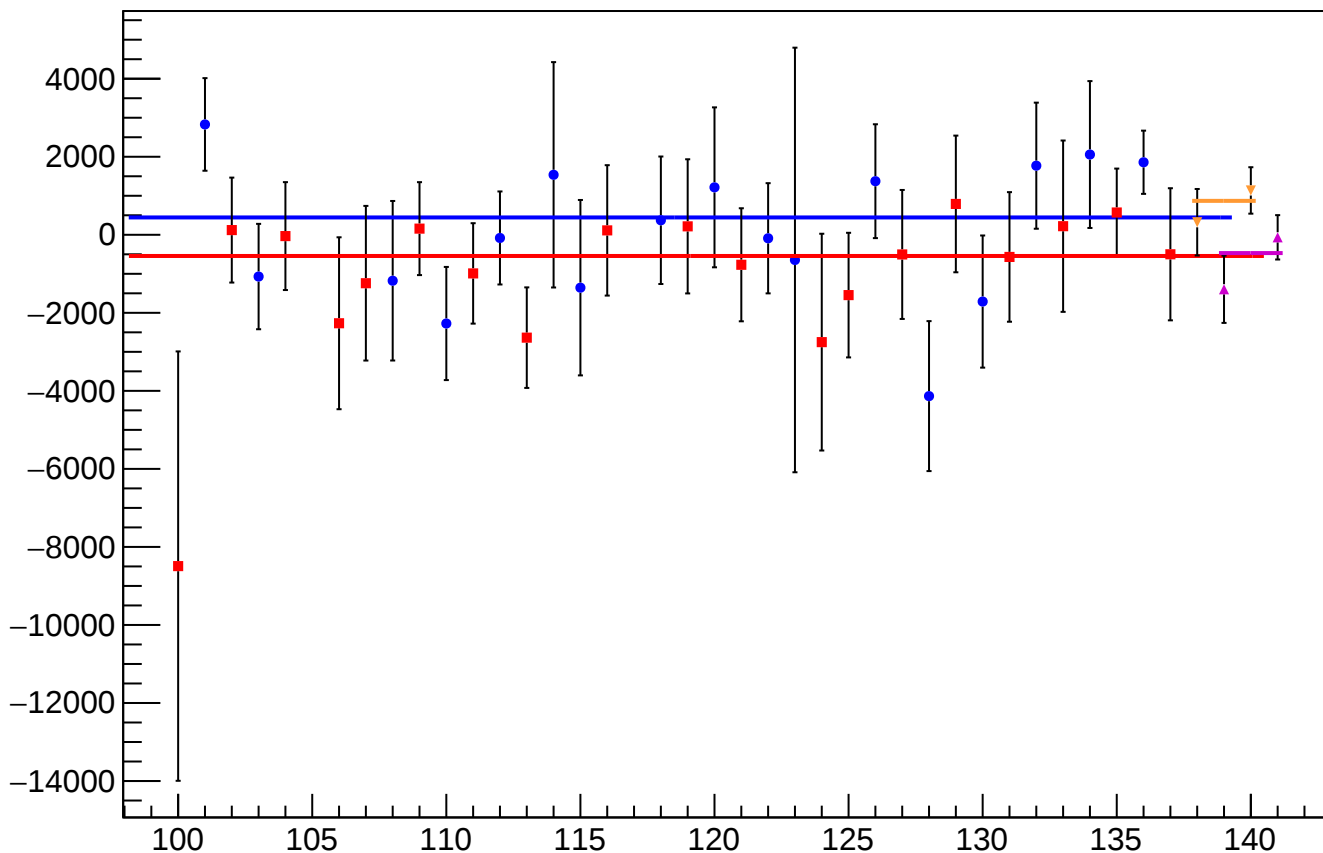
Right: 942.099 $\pm$ 0.183 χ^2/NDF : 868813.4/35

In: 801.898 $\pm$ 0.205 χ^2/NDF : 1231751.0/18

Out: 823.794 $\pm$ 0.206 χ^2/NDF : 1197995.8/20

All: 812.782 $\pm$ 0.145 χ^2/NDF : 2435421.2/39

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 869.608+/-487.929 χ^2/NDF : 0.6/1

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: 181.863+/-340.187 χ^2/NDF : 6.1/3

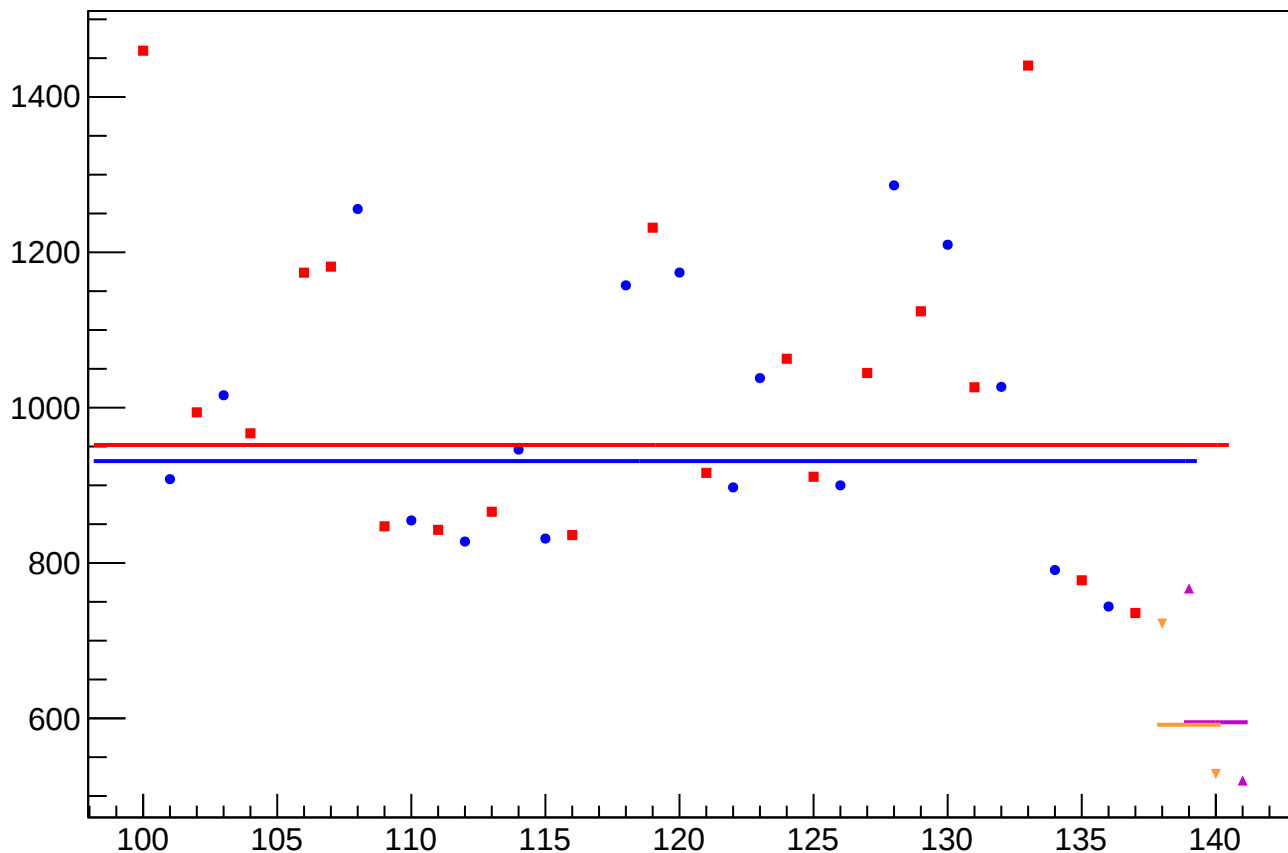
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 102.729+/-290.360 χ^2/NDF : 26.9/18

Out: -39.162+/-291.406 χ^2/NDF : 15.4/20

All: 32.039+/-205.684 χ^2/NDF : 42.4/39

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 591.696+/-0.345 χ^2/NDF : 69446.2/1

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: 593.375+/-0.241 χ^2/NDF : 184219.7/3

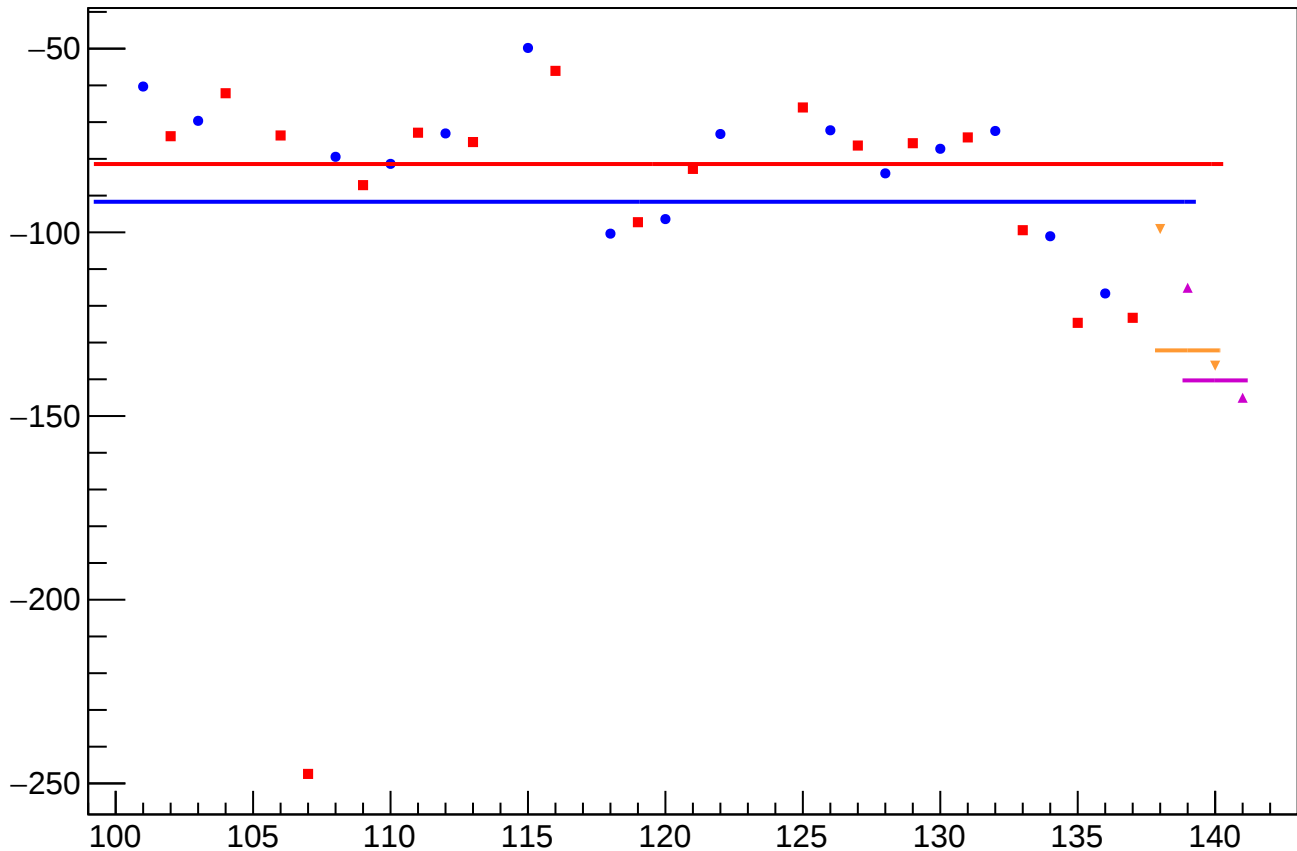
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 805.320+/-0.205 χ^2/NDF : 1143144.4/18

Out: 823.461+/-0.206 χ^2/NDF : 1153537.2/20

All: 814.358+/-0.145 χ^2/NDF : 2300571.3/39

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -132.131 ± 0.271 $\chi^2/\text{NDF}: 1868.4/1$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -140.302 ± 0.160 $\chi^2/\text{NDF}: 4649.5/1$

Left: -138.194 ± 0.138 $\chi^2/\text{NDF}: 7191.0/3$

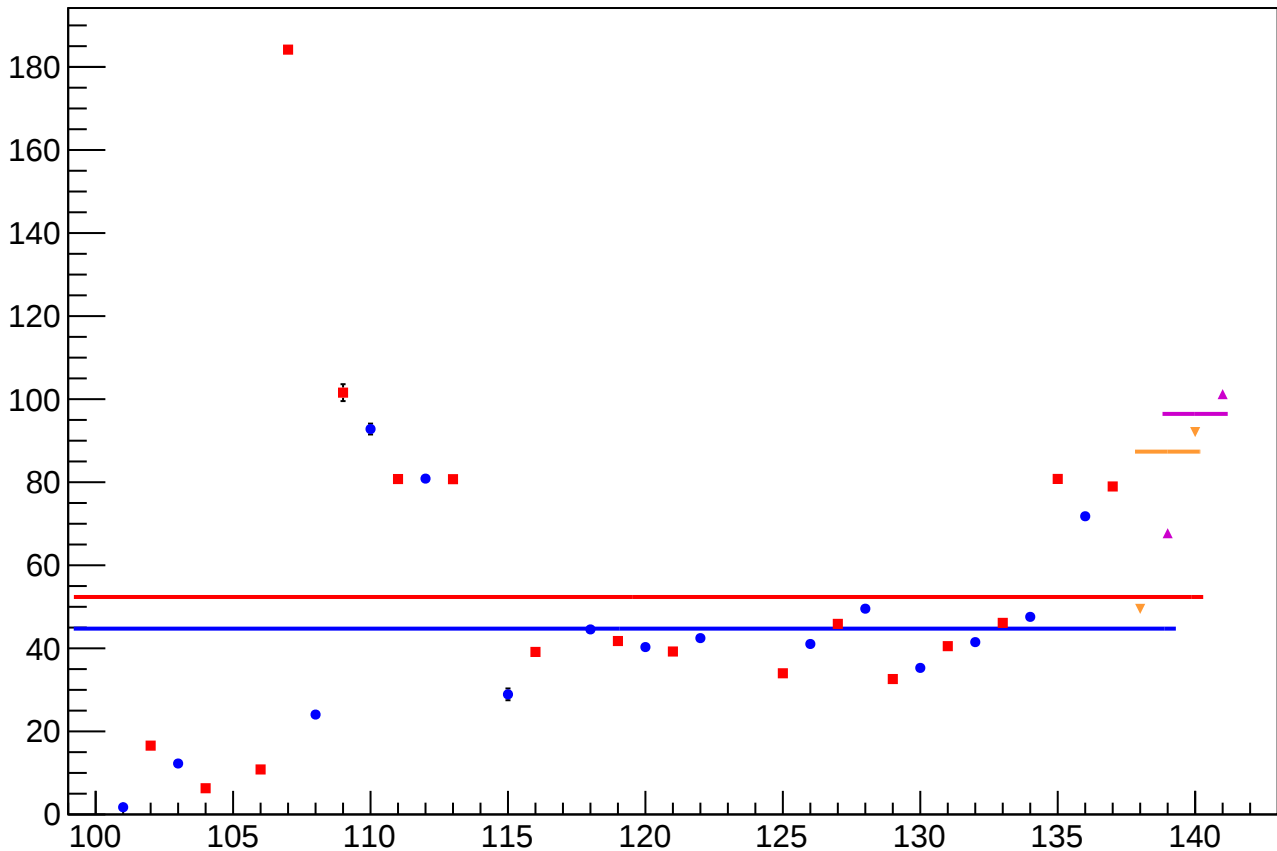
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -99.520 ± 0.064 $\chi^2/\text{NDF}: 146781.3/16$

Out: -87.311 ± 0.093 $\chi^2/\text{NDF}: 74471.5/18$

All: -95.552 ± 0.053 $\chi^2/\text{NDF}: 232996.2/35$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 87.369+/-0.290 χ^2/NDF : 2124.1/1

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: 94.323+/-0.140 χ^2/NDF : 8193.7/3

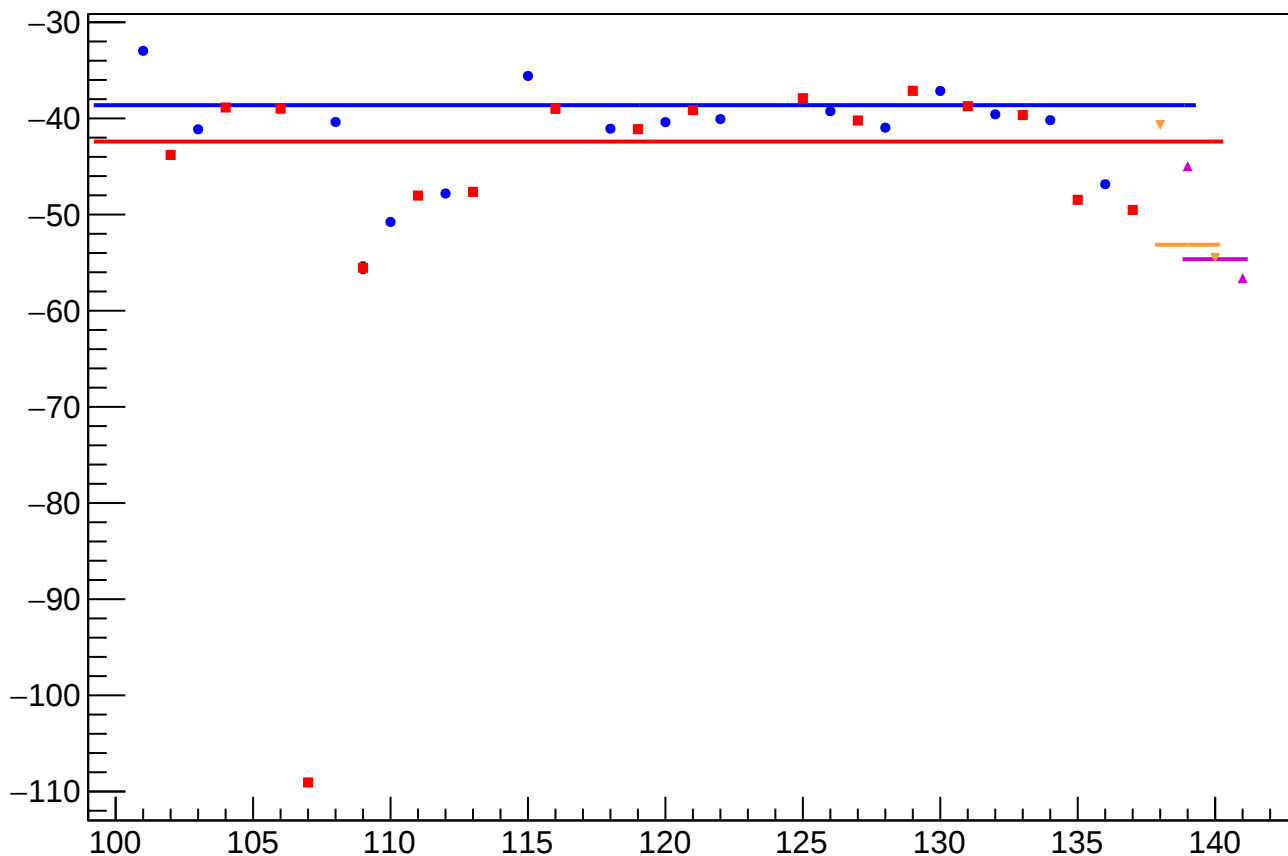
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 51.201+/-0.057 χ^2/NDF : 181012.2/16

Out: 56.957+/-0.105 χ^2/NDF : 84090.6/18

All: 52.501+/-0.050 χ^2/NDF : 267432.8/35

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -53.136 ± 0.077 χ^2/NDF : 2882.6/1

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: -54.240 ± 0.040 χ^2/NDF : 12095.8/3

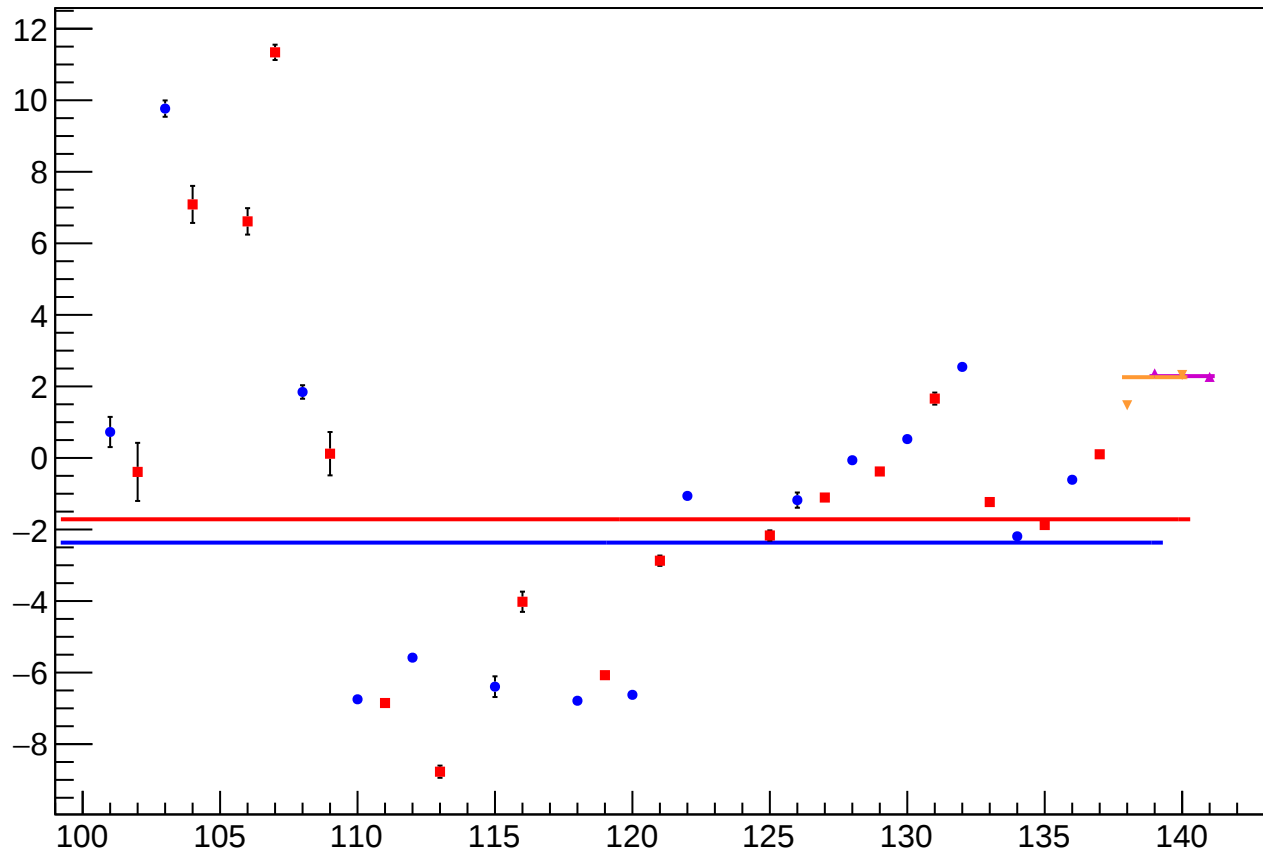
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.121 ± 0.008 χ^2/NDF : 365242.7/16

Out: -43.167 ± 0.021 χ^2/NDF : 290038.5/18

All: -39.671 ± 0.008 χ^2/NDF : 688876.4/35

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.258 ± 0.036 $\chi^2/\text{NDF}: 38.3/1$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 2.288 ± 0.022 $\chi^2/\text{NDF}: 3.6/1$

Left: 2.280 ± 0.019 $\chi^2/\text{NDF}: 42.5/3$

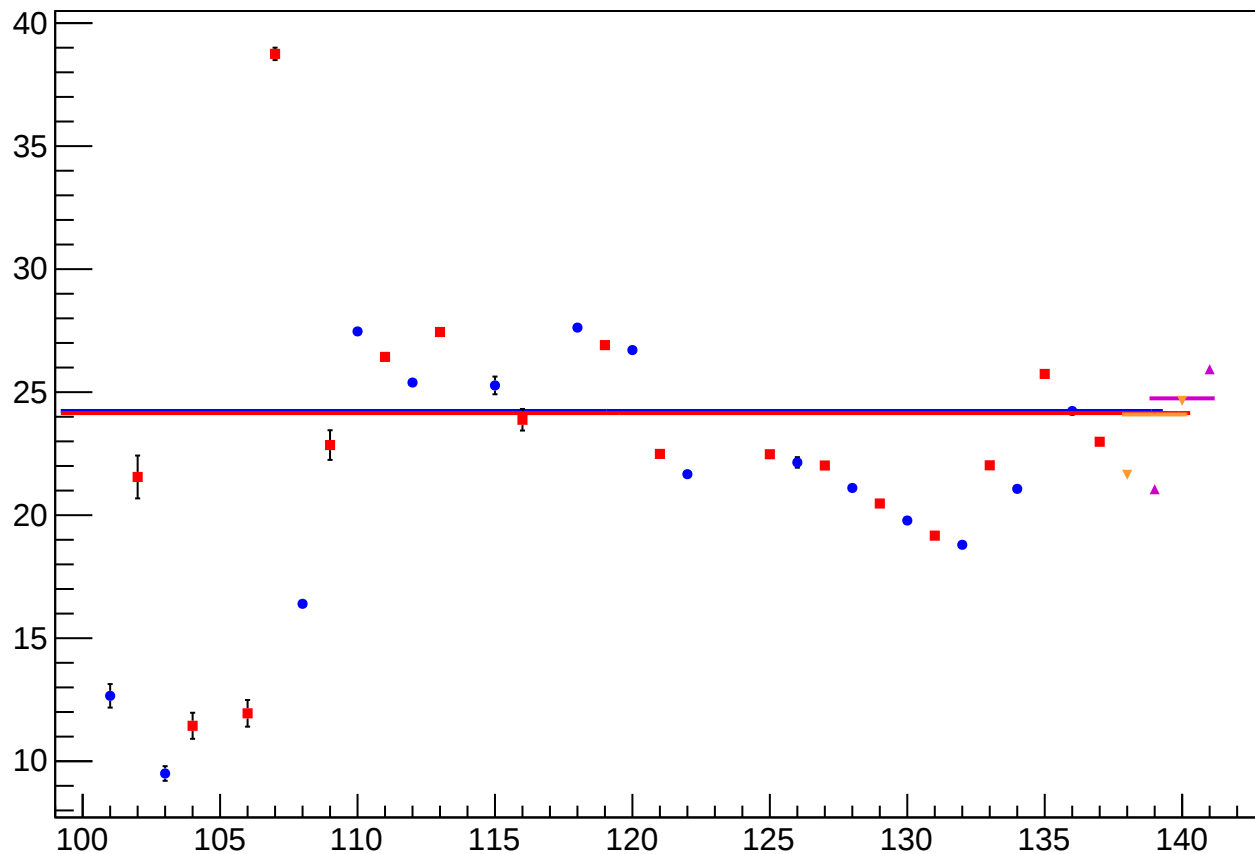
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -0.994 ± 0.012 $\chi^2/\text{NDF}: 61060.1/16$

Out: -0.261 ± 0.021 $\chi^2/\text{NDF}: 20686.0/18$

All: -0.824 ± 0.010 $\chi^2/\text{NDF}: 82640.0/35$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 24.093+/-0.066 χ^2/NDF : 307.5/1

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: 24.591+/-0.032 χ^2/NDF : 3532.9/3

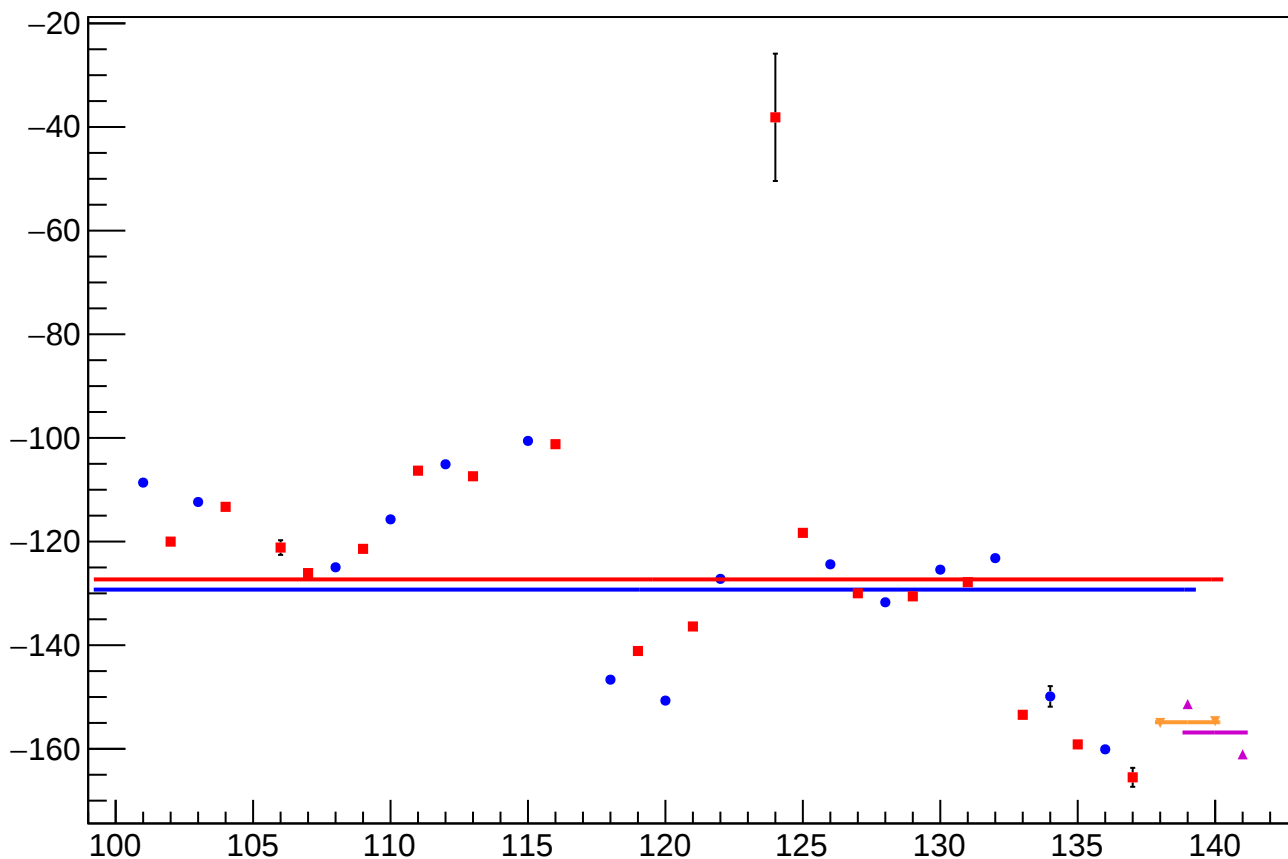
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 24.368+/-0.019 χ^2/NDF : 25188.9/16

Out: 24.143+/-0.023 χ^2/NDF : 13530.7/18

All: 24.277+/-0.015 χ^2/NDF : 38776.9/35

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -154.866 ± 0.185 χ^2/NDF : 0.8/1

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: -155.946 ± 0.125 χ^2/NDF : 875.1/3

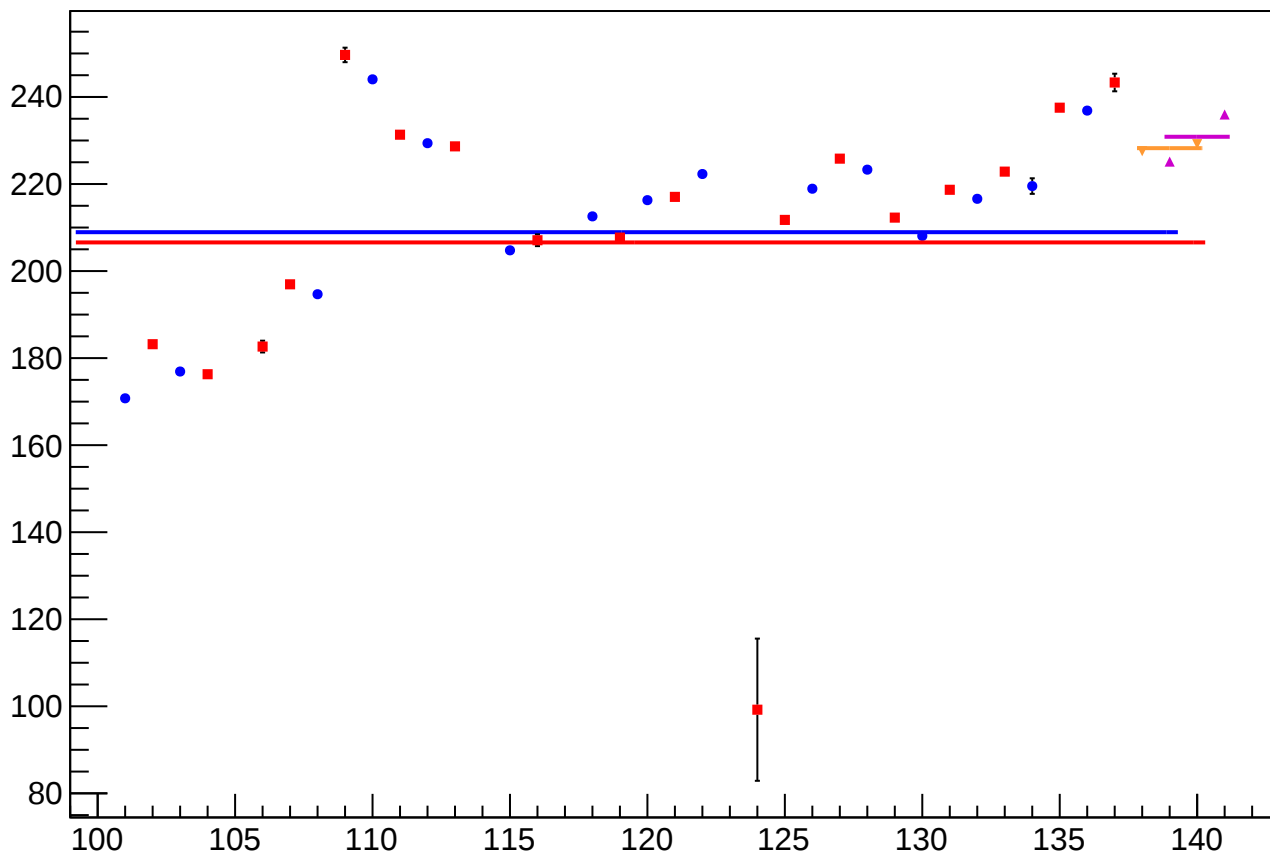
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -135.148 ± 0.078 χ^2/NDF : 56951.6/16

Out: -132.053 ± 0.077 χ^2/NDF : 48013.4/19

All: -133.577 ± 0.055 χ^2/NDF : 105767.2/36

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 228.240 $\pm$ 0.190 χ^2 /NDF:18.1/1

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 230.858 $\pm$ 0.155 χ^2 /NDF:1217.8/1

Left: 229.810 $\pm$ 0.120 χ^2 /NDF: 1350.3/3

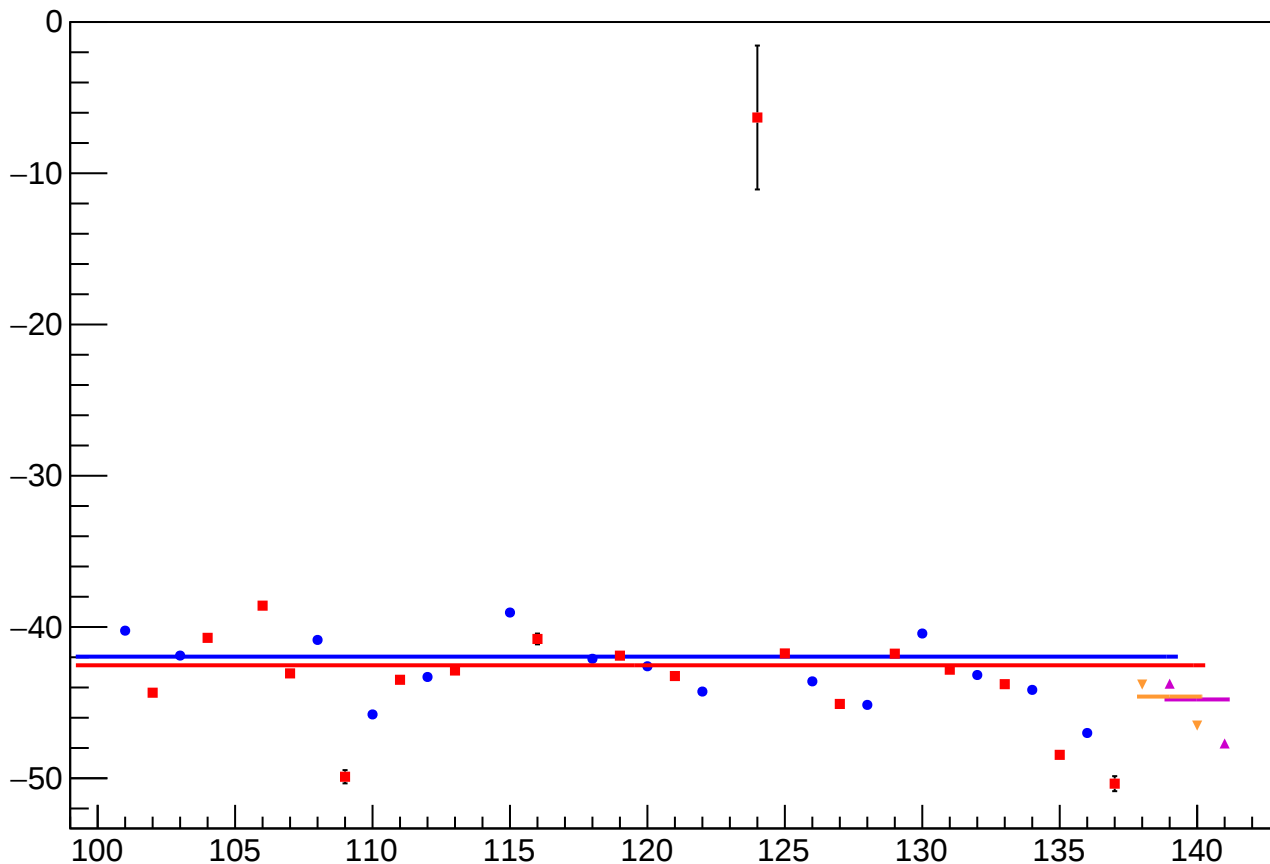
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 214.397 $\pm$ 0.077 χ^2 /NDF:60954.5/16

Out: 210.080 $\pm$ 0.076 χ^2 /NDF:59179.7/19

All: 212.206 $\pm$ 0.054 χ^2 /NDF: 121716.6/36

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -44.600 ± 0.030 $\chi^2/\text{NDF}: 1697.7/1$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -44.790 ± 0.023 $\chi^2/\text{NDF}: 5644.3/1$

Left: -44.719 ± 0.018 $\chi^2/\text{NDF}: 7367.2/3$

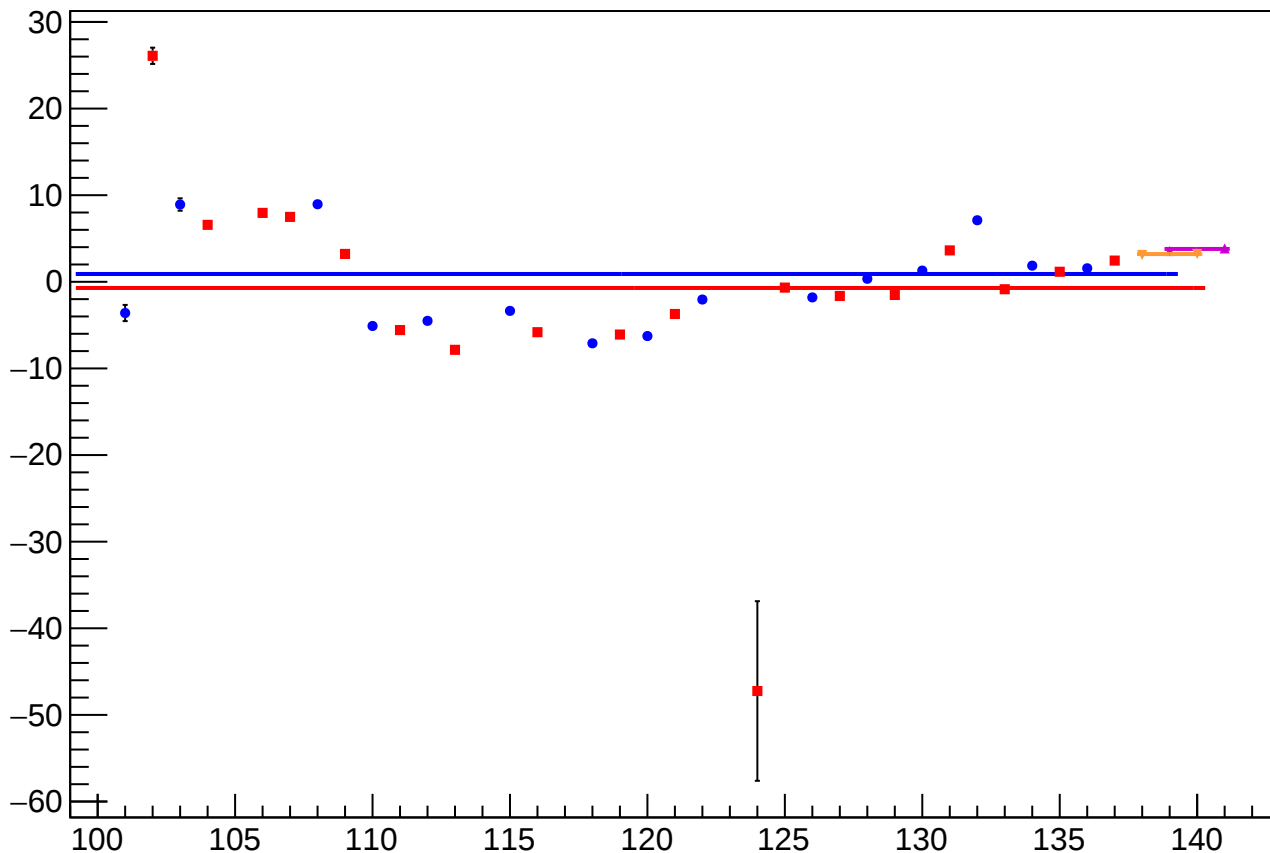
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -42.842 ± 0.013 $\chi^2/\text{NDF}: 40126.5/16$

Out: -43.198 ± 0.017 $\chi^2/\text{NDF}: 11064.4/19$

All: -42.972 ± 0.010 $\chi^2/\text{NDF}: 51468.8/36$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 3.205 ± 0.029 χ^2/NDF : 1.3/1

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: 3.539 ± 0.019 χ^2/NDF : 265.4/3

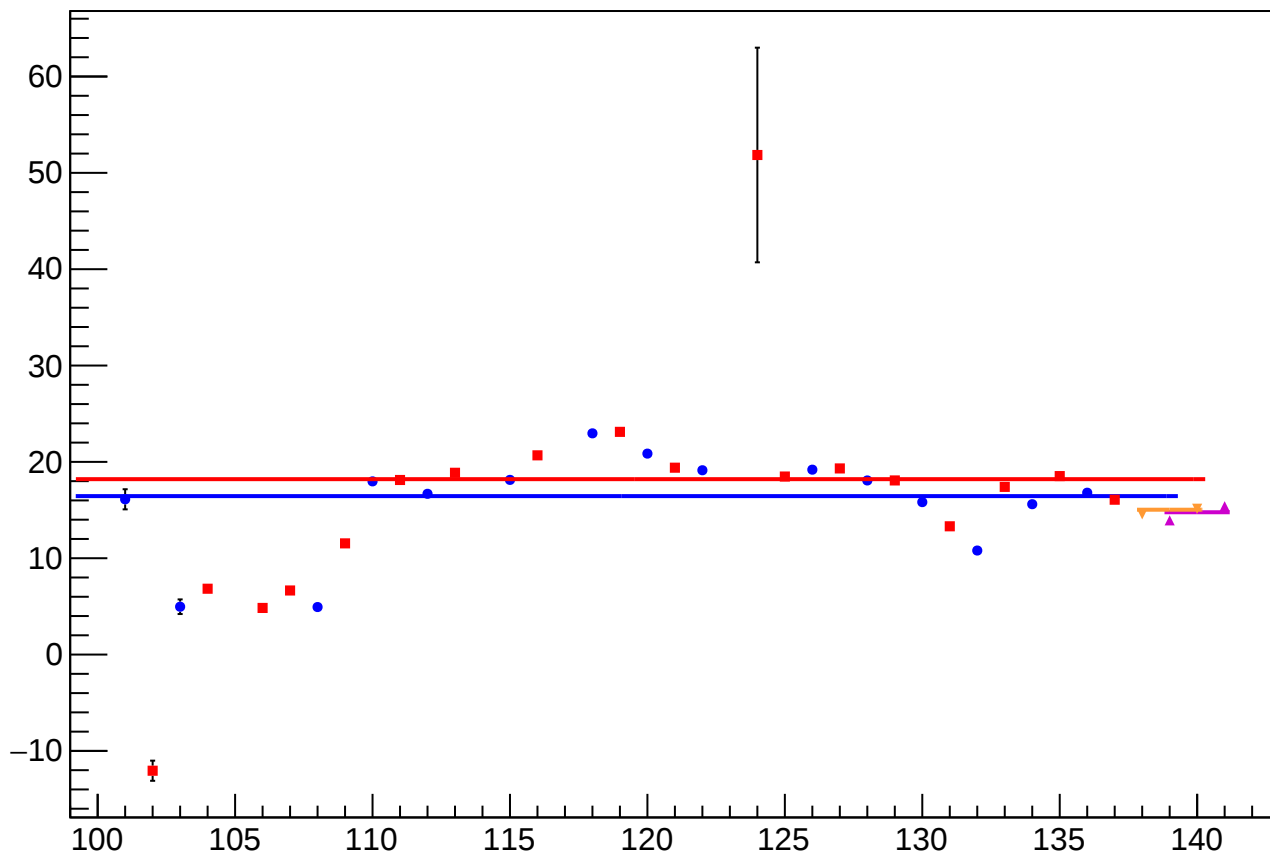
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.034 ± 0.016 χ^2/NDF : 29299.8/16

Out: 0.932 ± 0.019 χ^2/NDF : 41618.6/19

All: 1.575 ± 0.012 χ^2/NDF : 72987.7/36

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 χ^2/NDF : 14183.1/14

Left Out: 15.036 ± 0.041 χ^2/NDF : 29.0/1

Right Out: 18.207 ± 0.020 χ^2/NDF : 27493.7/17

Left In: 14.772 ± 0.031 χ^2/NDF : 537.7/1

Left: 14.868 ± 0.025 χ^2/NDF : 592.5/3

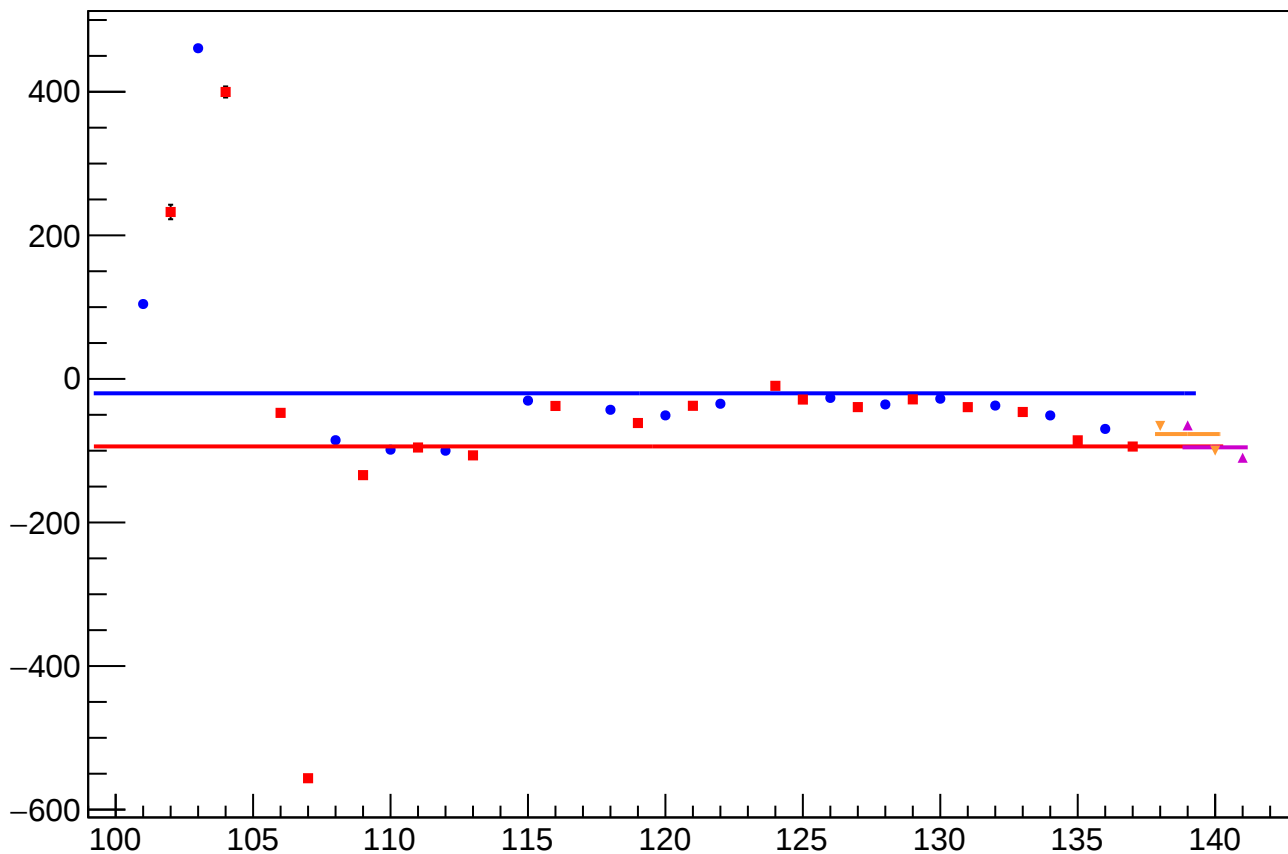
Right: 17.482 ± 0.016 χ^2/NDF : 44731.9/32

In: 15.815 ± 0.019 χ^2/NDF : 16499.6/16

Out: 17.584 ± 0.018 χ^2/NDF : 32258.0/19

All: 16.744 ± 0.013 χ^2/NDF : 53187.2/36

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -76.816 ± 0.313 $\chi^2/\text{NDF}: 2656.2/1$

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: -84.118 ± 0.244 $\chi^2/\text{NDF}: 6973.5/3$

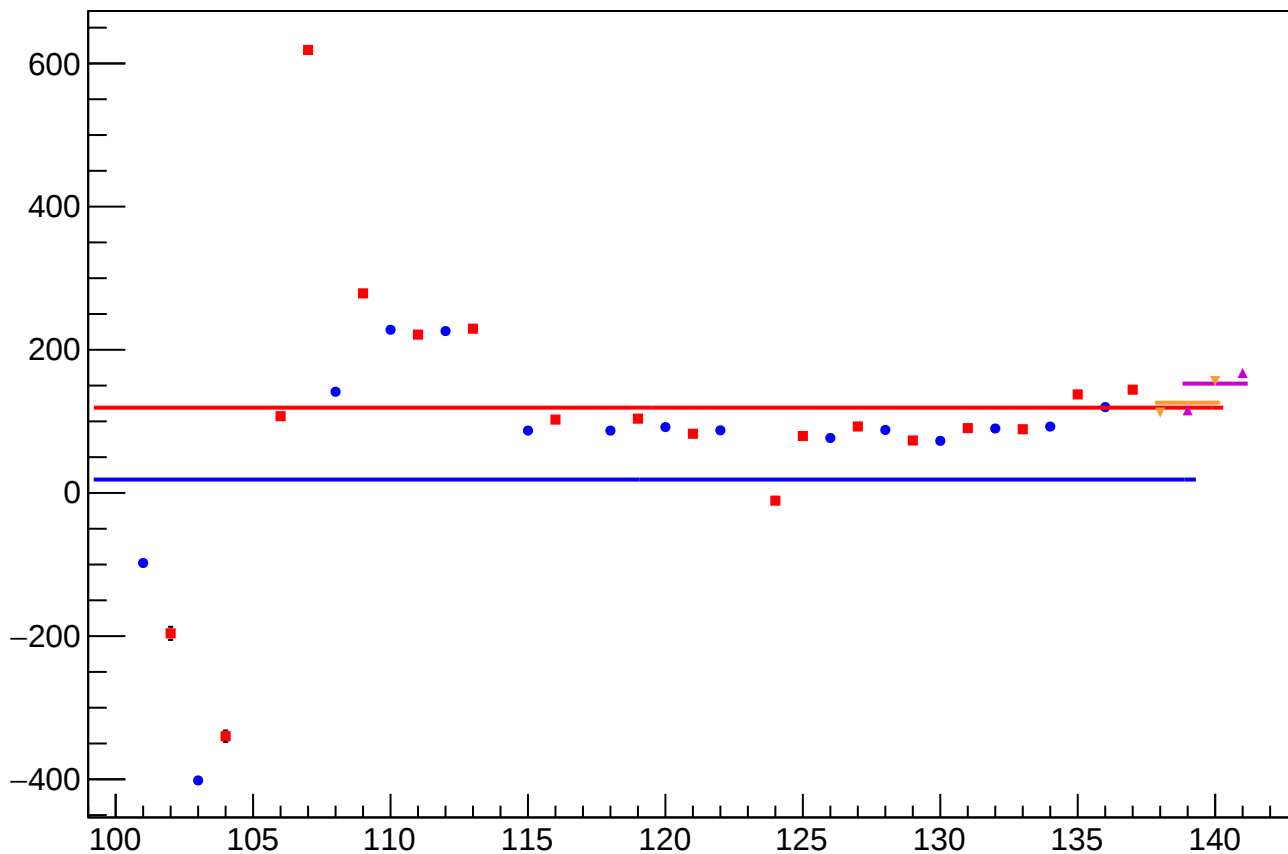
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -30.207 ± 0.142 $\chi^2/\text{NDF}: 476963.7/16$

Out: -94.023 ± 0.012 $\chi^2/\text{NDF}: 93165.5/19$

All: -93.541 ± 0.012 $\chi^2/\text{NDF}: 769316.8/36$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 126.085+/-0.318 χ^2/NDF : 4141.4/1

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 152.748+/-0.372 χ^2/NDF : 4007.2/1

Left: 137.322+/-0.242 χ^2/NDF : 11117.3/3

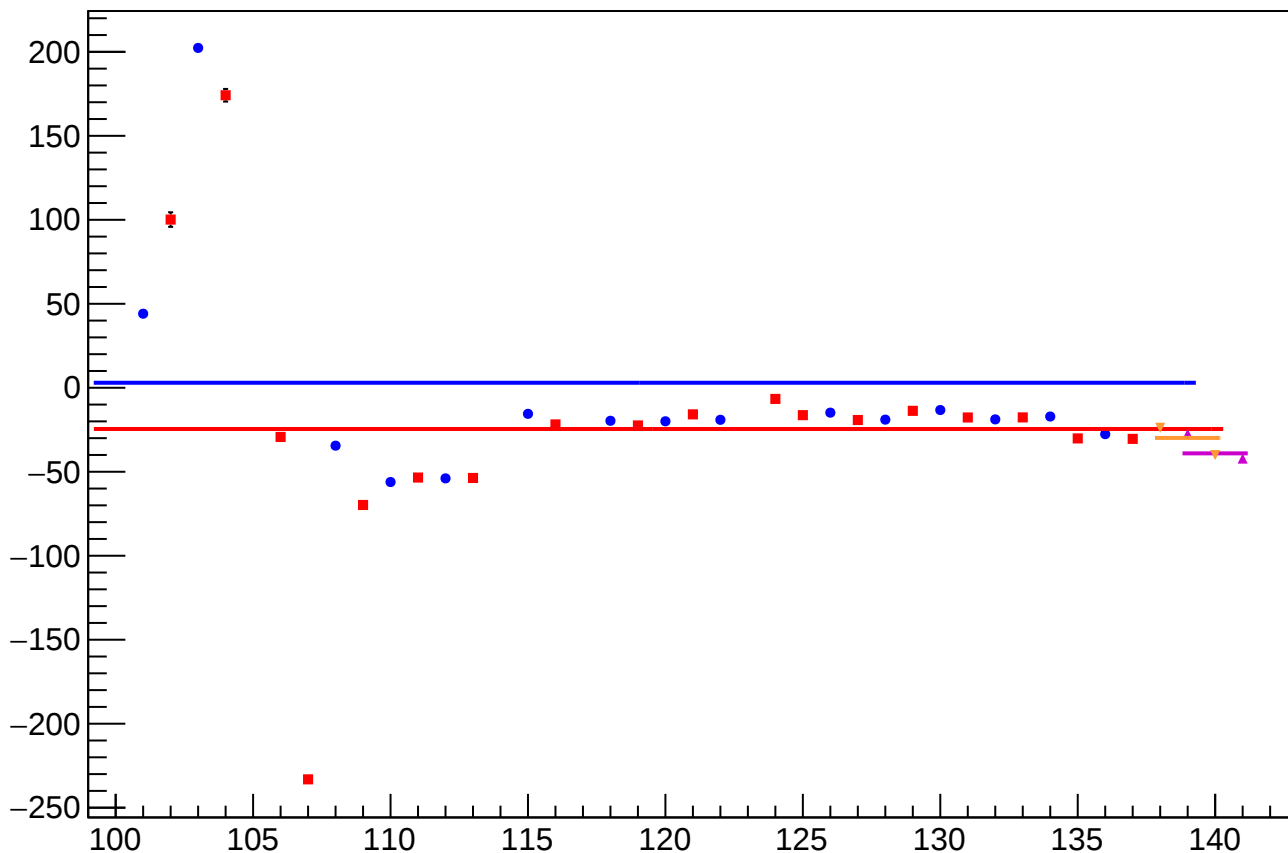
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 37.902+/-0.141 χ^2/NDF : 1216903.0/16

Out: 121.121+/-0.169 χ^2/NDF : 91931.7/19

All: 72.040+/-0.108 χ^2/NDF : 1452179.2/36

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991+/-0.027 χ^2/NDF : 3496745.8/14

Left Out: -29.855+/-0.075 χ^2/NDF : 10979.5/1

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: -35.004+/-0.050 χ^2/NDF : 27662.4/3

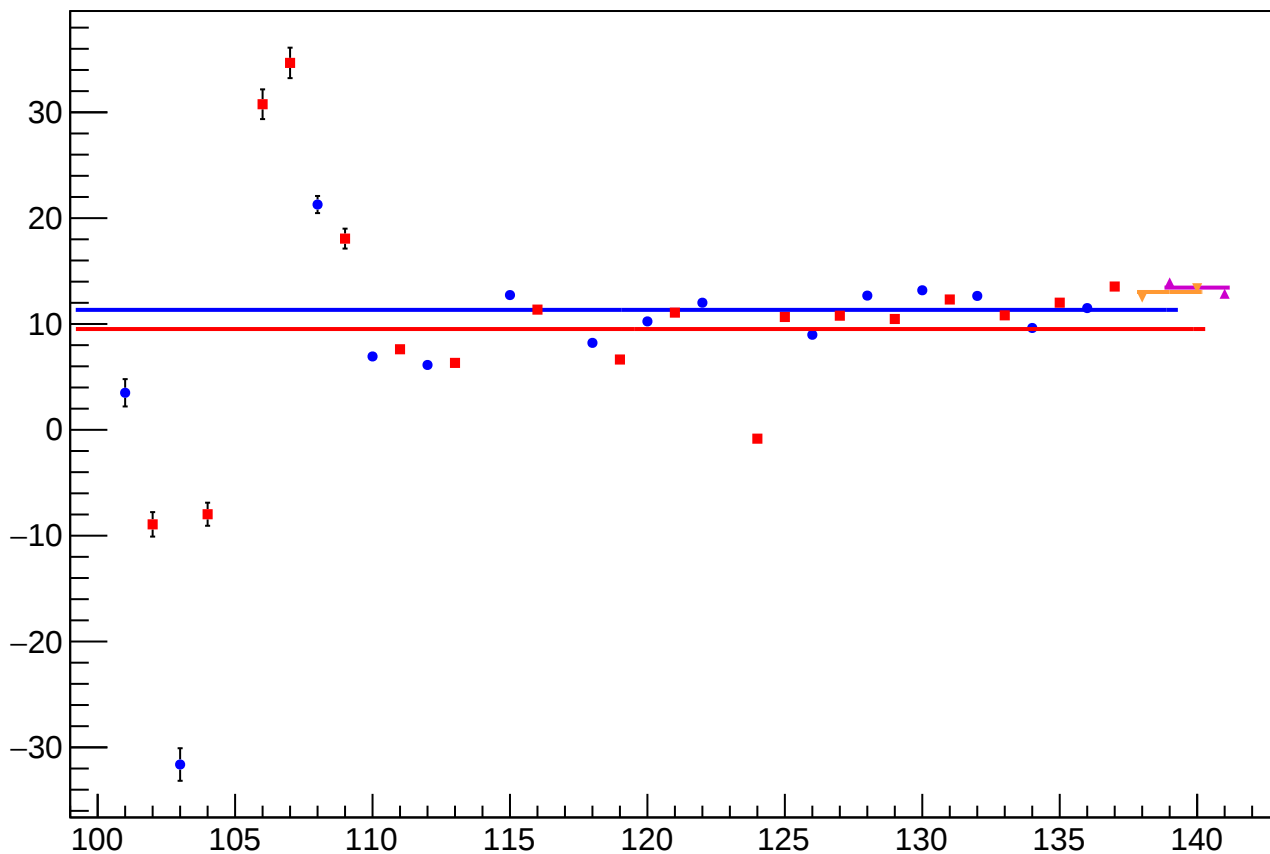
Right: -4.585+/-0.023 χ^2/NDF : 3961708.4/32

In: -2.947+/-0.025 χ^2/NDF : 3850243.9/16

Out: -25.882+/-0.038 χ^2/NDF : 191243.0/19

All: -9.921+/-0.021 χ^2/NDF : 4299183.6/36

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 13.024 $\pm$ 0.053 χ^2 /NDF:66.6/1

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.439 $\pm$ 0.058 χ^2 /NDF:85.4/1

Left: 13.213 $\pm$ 0.039 χ^2 /NDF: 180.3/3

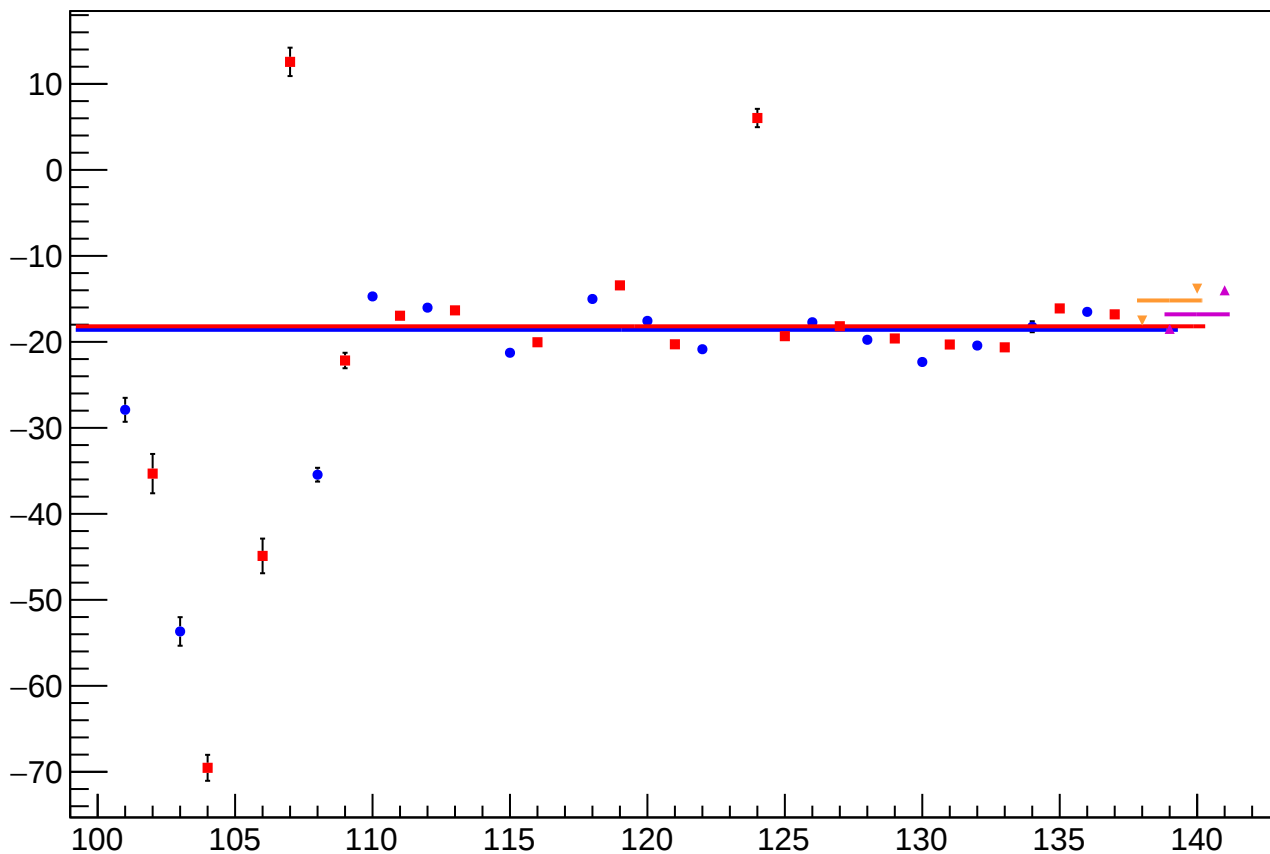
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 11.959 $\pm$ 0.031 χ^2 /NDF:3432.6/16

Out: 11.113 $\pm$ 0.035 χ^2 /NDF:6545.8/19

All: 11.588 $\pm$ 0.023 χ^2 /NDF: 10297.6/36

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -15.184 ± 0.073 $\chi^2/\text{NDF}: 600.8/1$

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: -15.891 ± 0.055 $\chi^2/\text{NDF}: 1509.4/3$

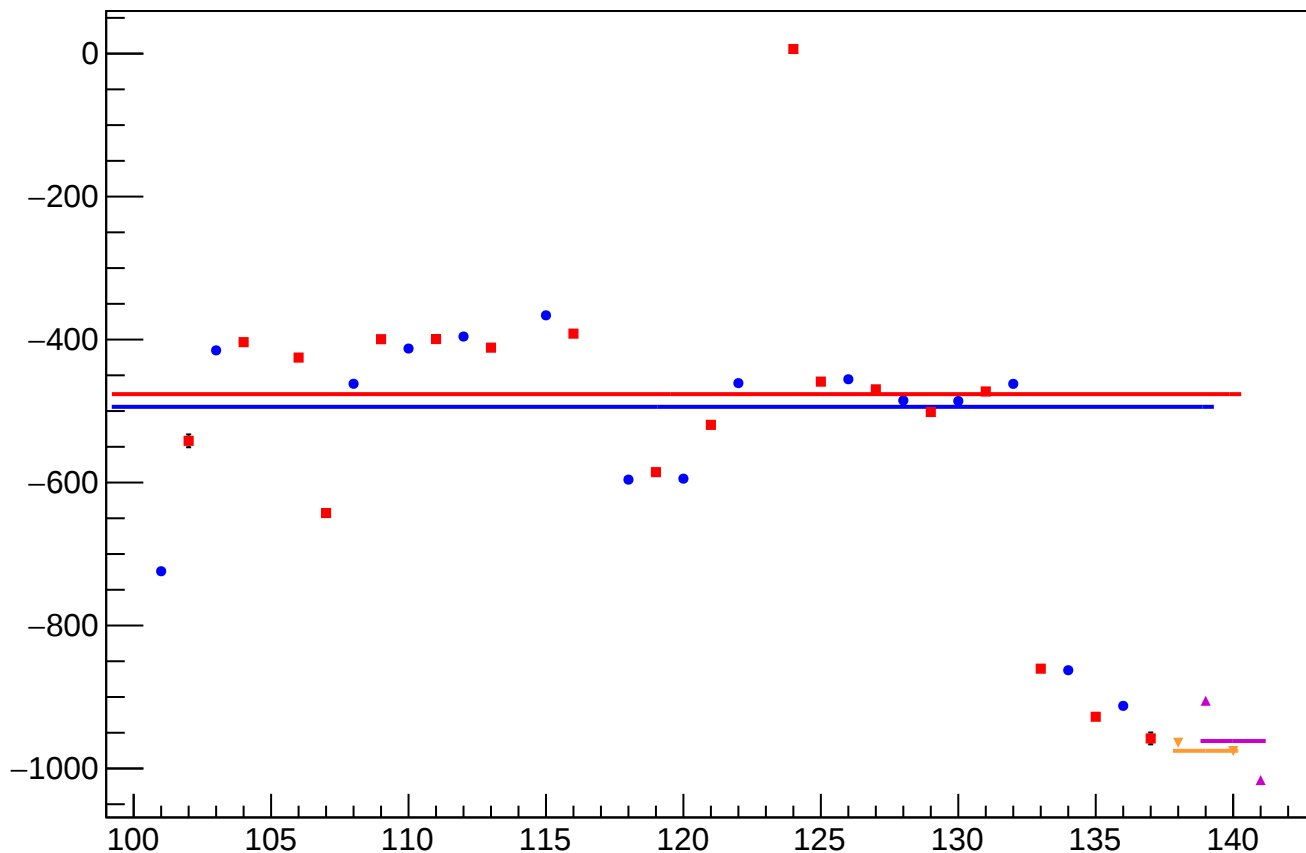
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -18.293 ± 0.034 $\chi^2/\text{NDF}: 7279.5/16$

Out: -17.244 ± 0.041 $\chi^2/\text{NDF}: 6643.8/19$

All: -17.866 ± 0.026 $\chi^2/\text{NDF}: 14313.2/36$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -975.267 ± 0.870 $\chi^2/\text{NDF}: 5.2/1$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -961.556 ± 0.732 $\chi^2/\text{NDF}: 5740.1/1$

Left: -967.240 ± 0.560 $\chi^2/\text{NDF}: 5890.6/3$

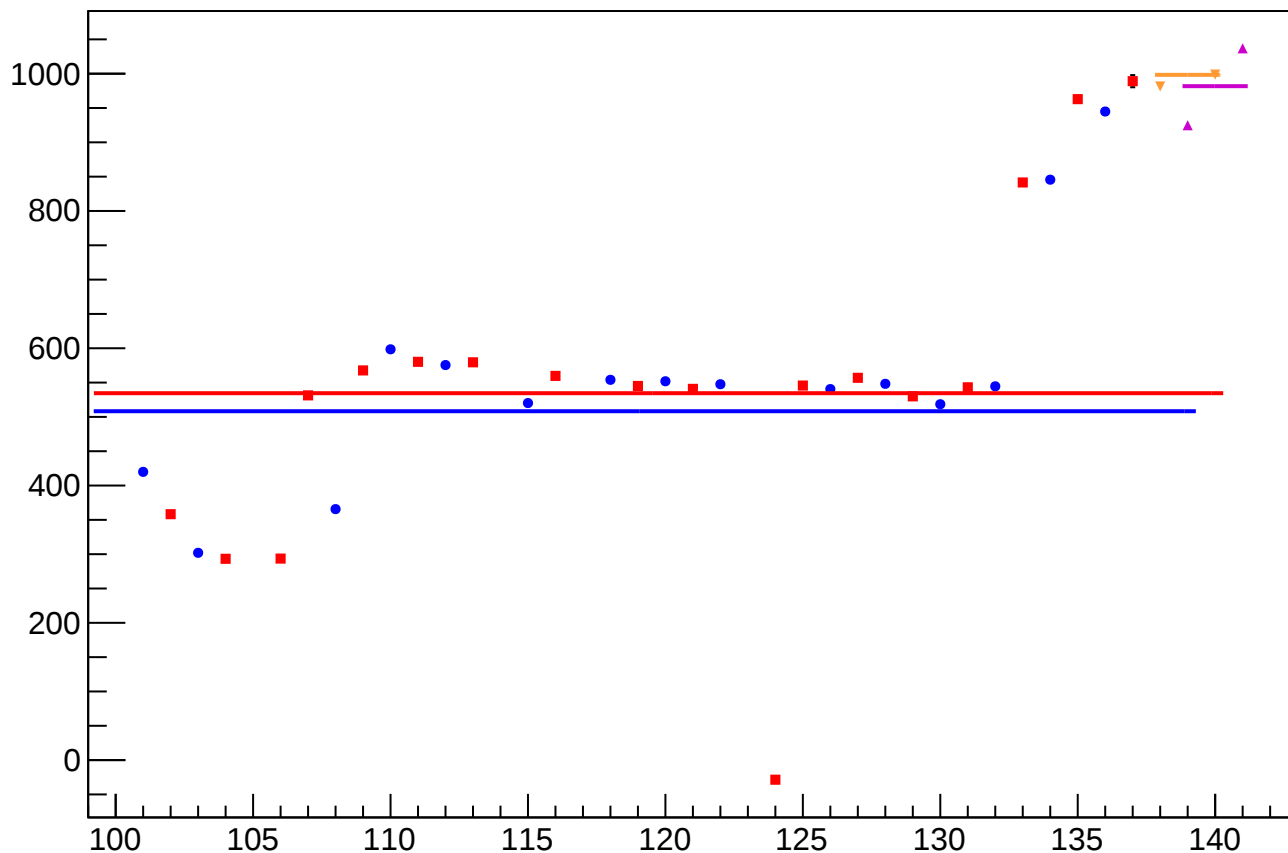
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -536.752 ± 0.221 $\chi^2/\text{NDF}: 702031.2/16$

Out: -497.947 ± 0.181 $\chi^2/\text{NDF}: 908550.4/19$

All: -513.513 ± 0.140 $\chi^2/\text{NDF}: 1629003.1/36$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 998.316+/-0.847 χ^2/NDF : 9.5/1

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: 988.251+/-0.529 χ^2/NDF : 7085.8/3

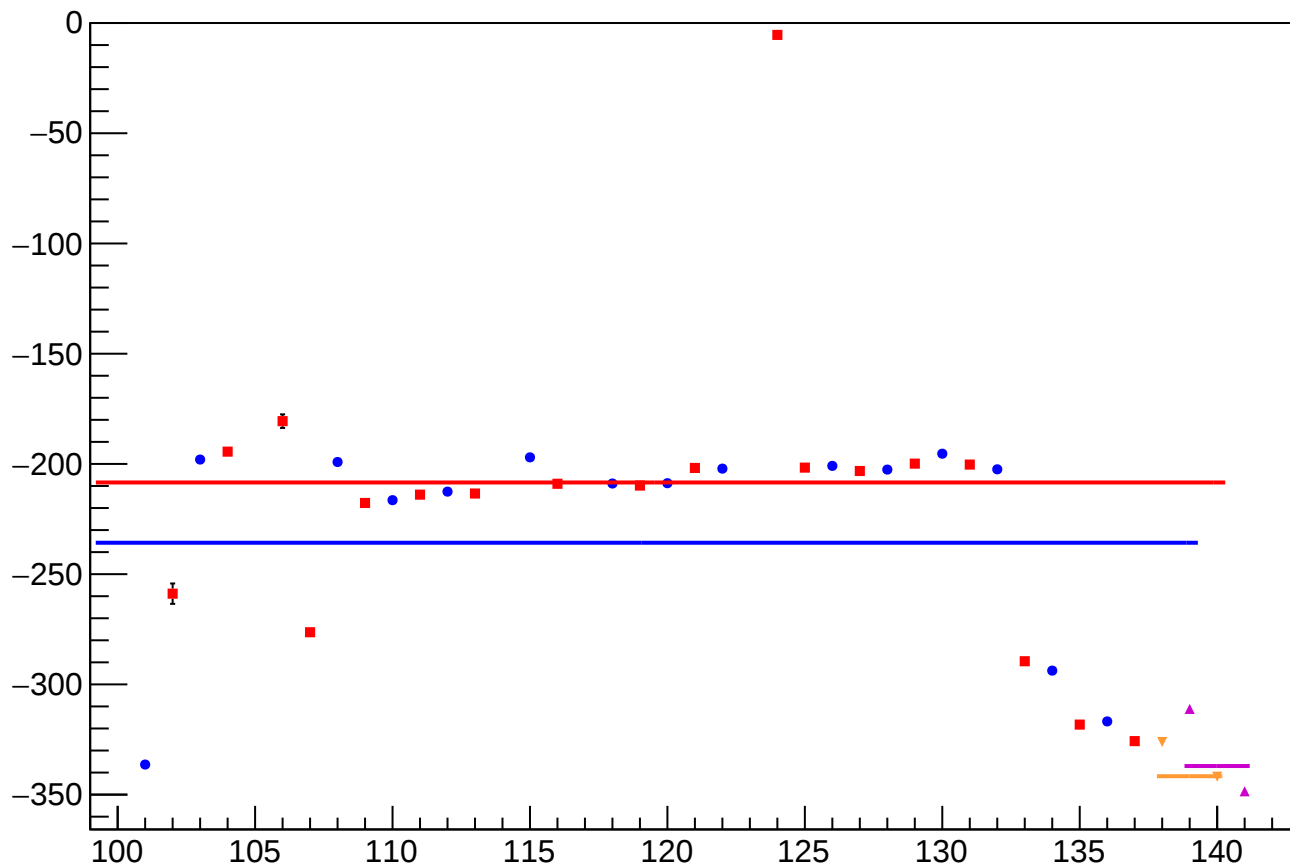
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 554.117+/-0.211 χ^2/NDF : 888205.1/16

Out: 563.147+/-0.210 χ^2/NDF : 649610.4/19

All: 558.639+/-0.149 χ^2/NDF : 1538735.5/36

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -341.657+/-0.196 χ^2/NDF : 81.7/1

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -337.032+/-0.110 χ^2/NDF : 24646.5/1

Left: -338.131+/-0.096 χ^2/NDF : 25150.5/3

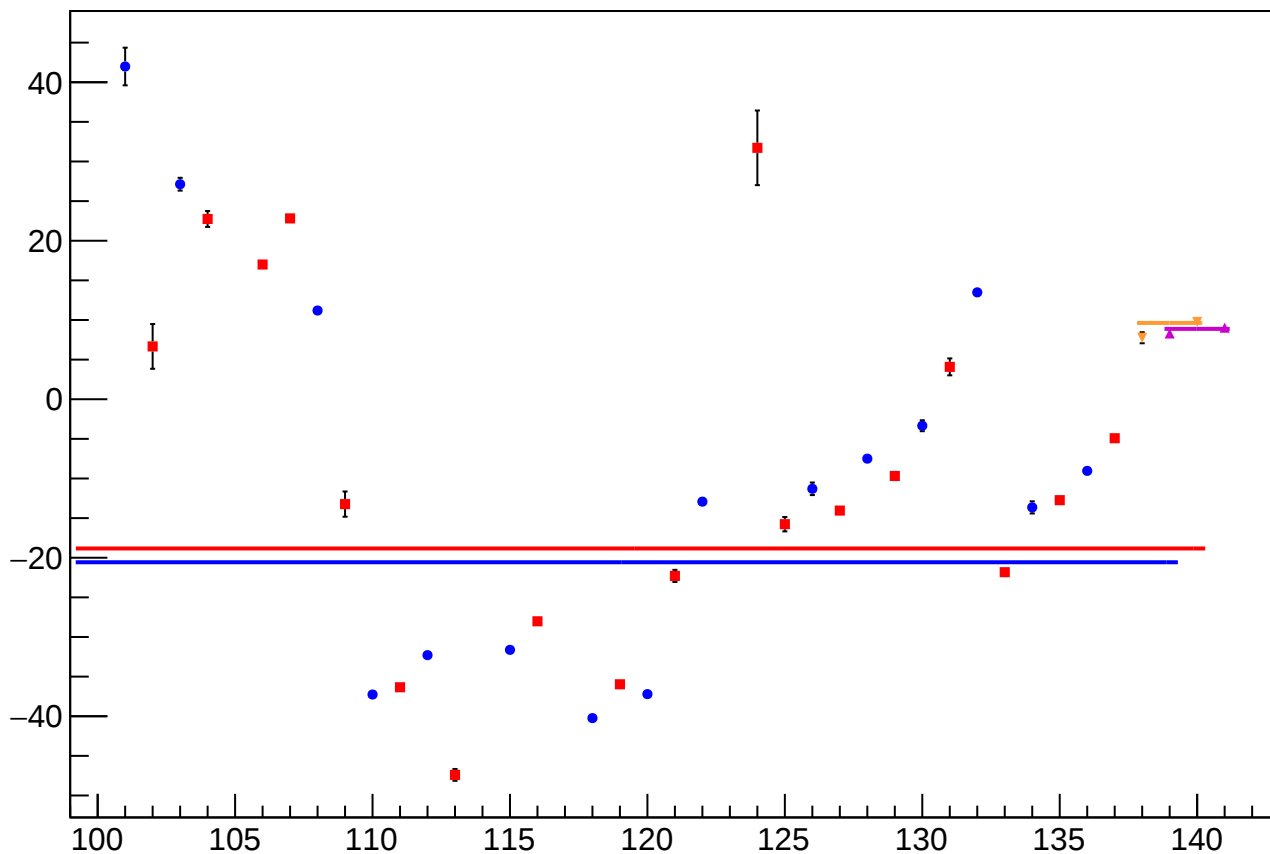
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -256.222+/-0.049 χ^2/NDF : 1580813.1/16

Out: -215.549+/-0.045 χ^2/NDF : 810279.4/19

All: -234.236+/-0.033 χ^2/NDF : 2758598.0/36

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 9.630 ± 0.172 χ^2/NDF : 7.7/1

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: 9.054 ± 0.083 χ^2/NDF : 32.2/3

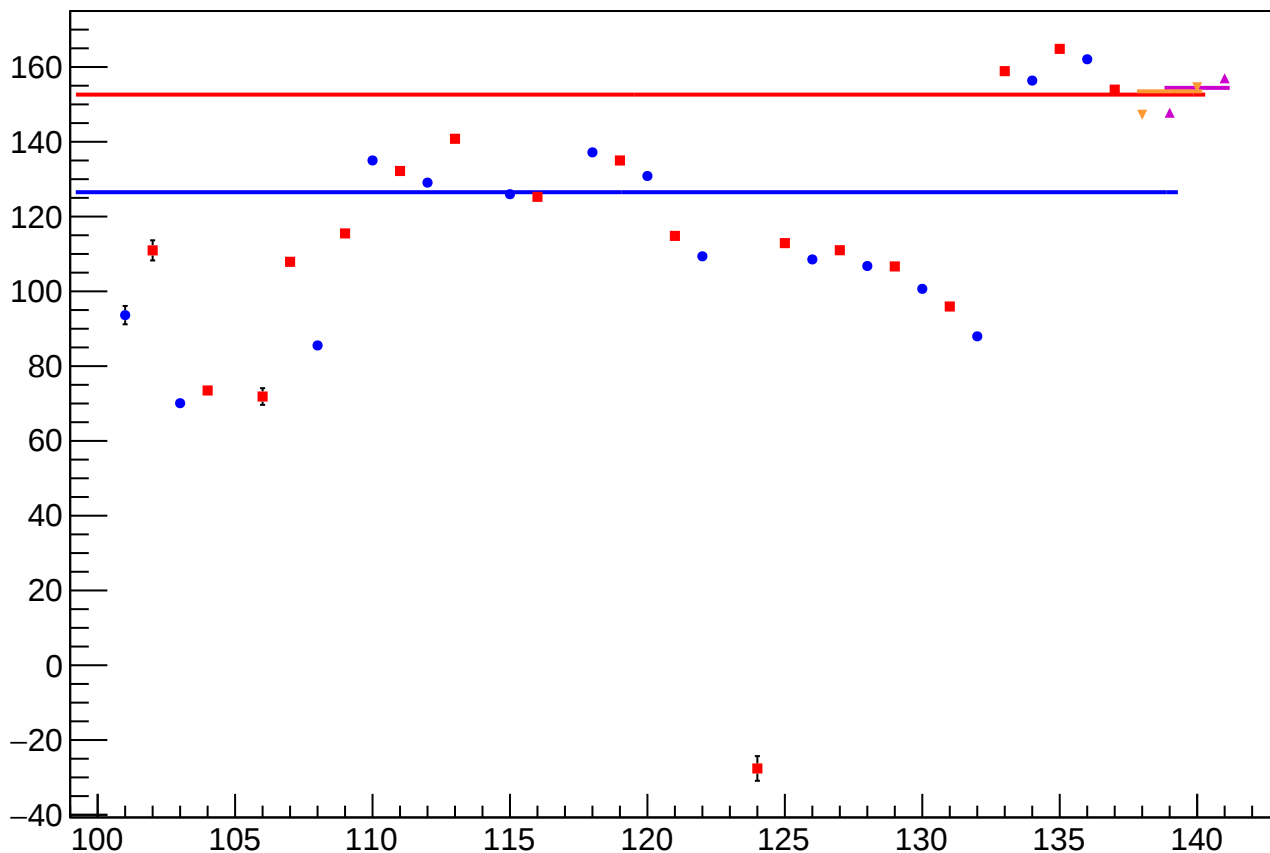
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -9.901 ± 0.057 χ^2/NDF : 125148.6/16

Out: -10.759 ± 0.091 χ^2/NDF : 40556.0/19

All: -10.141 ± 0.048 χ^2/NDF : 165768.0/36

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 153.499 $\pm$ 0.220 χ^2 /NDF:137.9/1

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: 154.199 $\pm$ 0.108 χ^2 /NDF: 1261.5/3

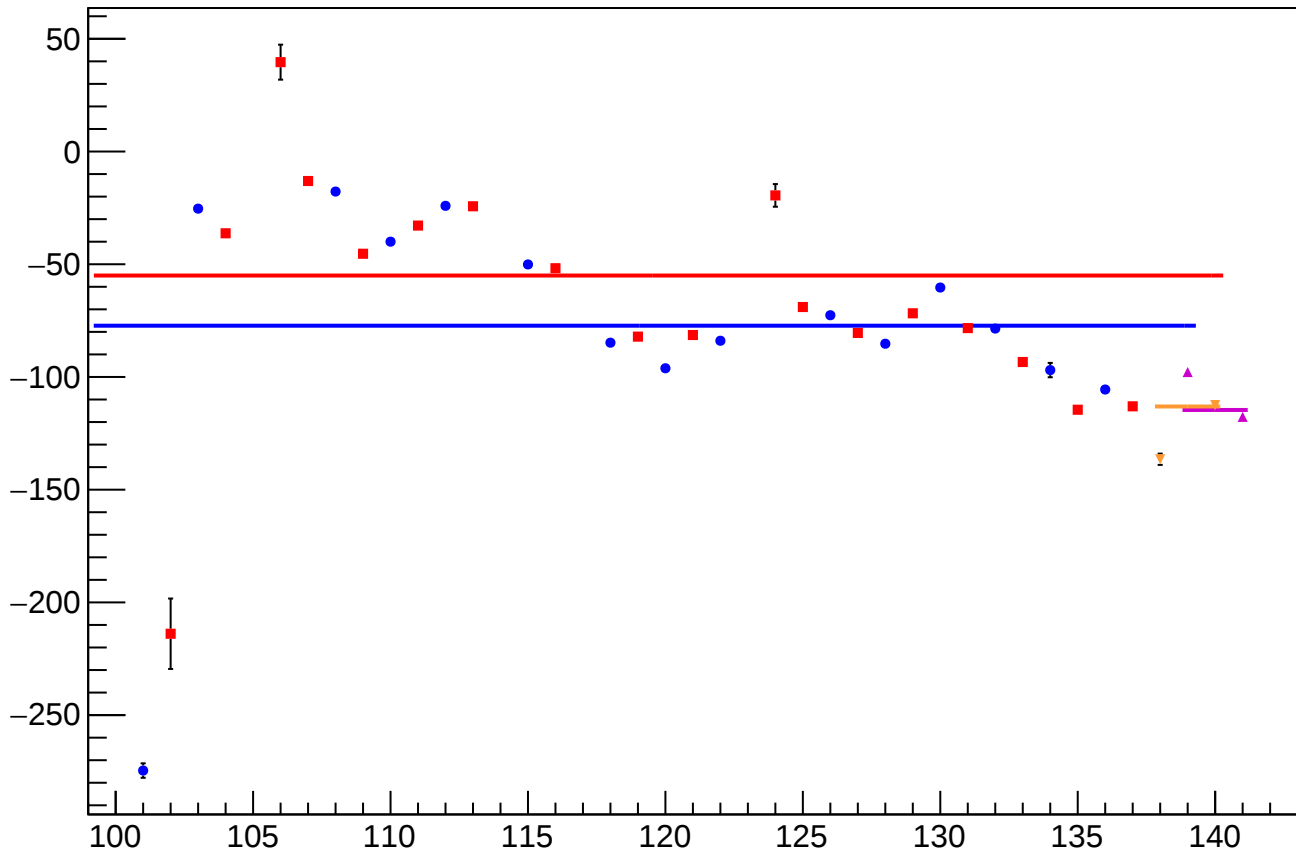
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.313 $\pm$ 0.070 χ^2 /NDF:150861.4/16

Out: 152.636 $\pm$ 0.030 χ^2 /NDF:74176.6/19

All: 149.906 $\pm$ 0.028 χ^2 /NDF: 277360.1/36

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -113.090 ± 0.400 $\chi^2/\text{NDF}: 90.1/1$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -114.642 ± 0.291 $\chi^2/\text{NDF}: 607.3/1$

Left: -114.105 ± 0.235 $\chi^2/\text{NDF}: 707.3/3$

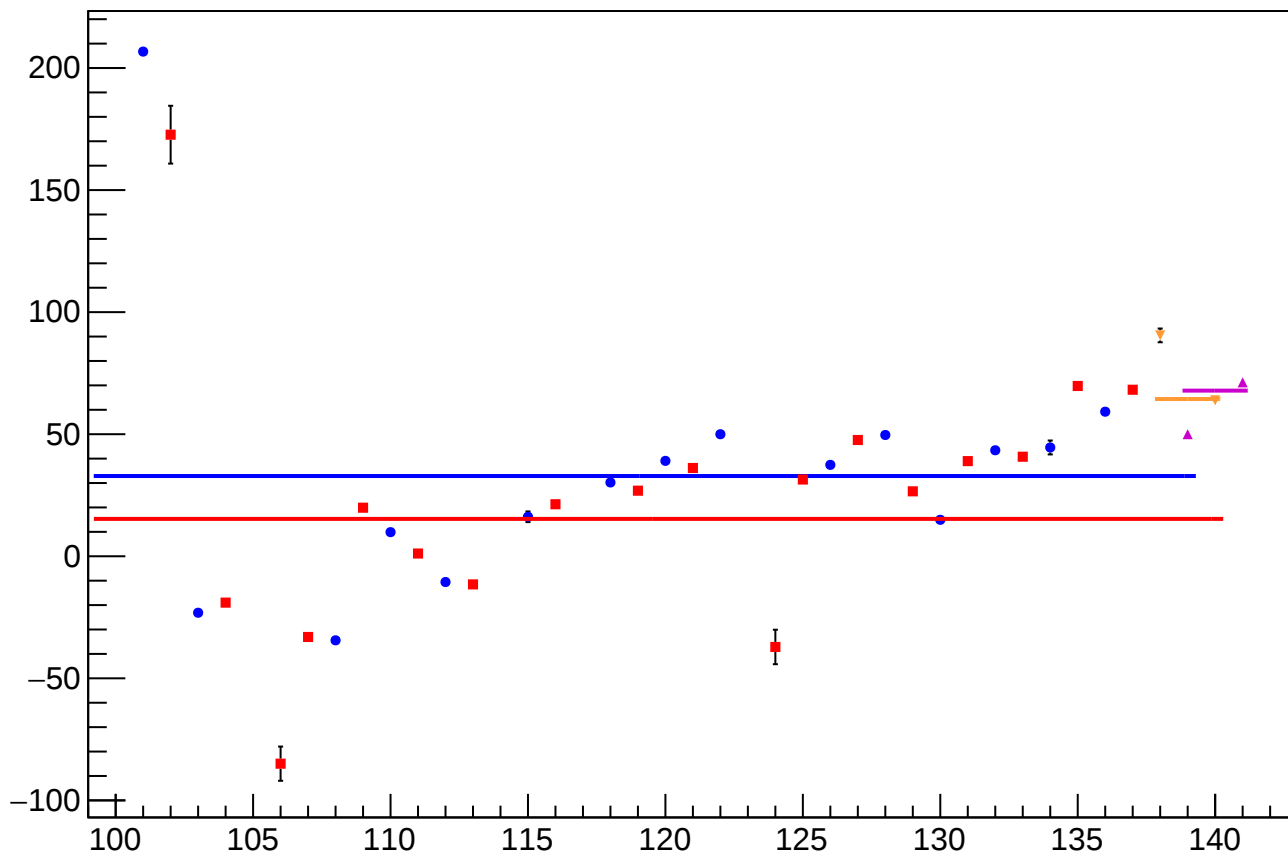
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -84.822 ± 0.131 $\chi^2/\text{NDF}: 44142.4/16$

Out: -65.719 ± 0.172 $\chi^2/\text{NDF}: 40910.6/19$

All: -77.813 ± 0.104 $\chi^2/\text{NDF}: 92878.5/36$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 64.412 $\pm$ 0.404 χ^2 /NDF:87.4/1

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 67.851 $\pm$ 0.270 χ^2 /NDF:834.4/1

Left: 66.793 $\pm$ 0.224 χ^2 /NDF: 971.9/3

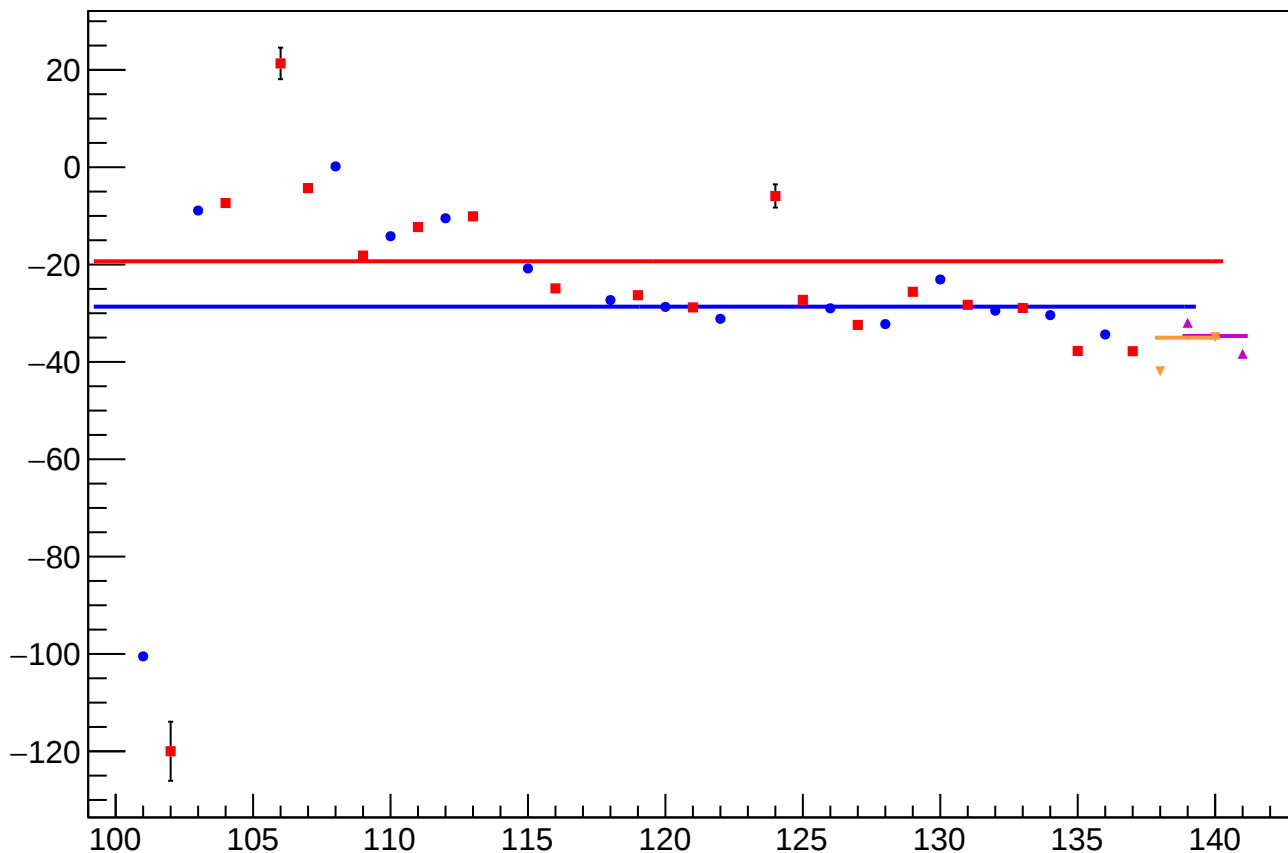
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 40.799 $\pm$ 0.128 χ^2 /NDF:45240.2/16

Out: 25.714 $\pm$ 0.186 χ^2 /NDF:28455.1/19

All: 35.935 $\pm$ 0.106 χ^2 /NDF: 78145.7/36

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -35.025 ± 0.113 $\chi^2/\text{NDF}: 63.1/1$

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: -34.722 ± 0.042 $\chi^2/\text{NDF}: 4912.4/3$

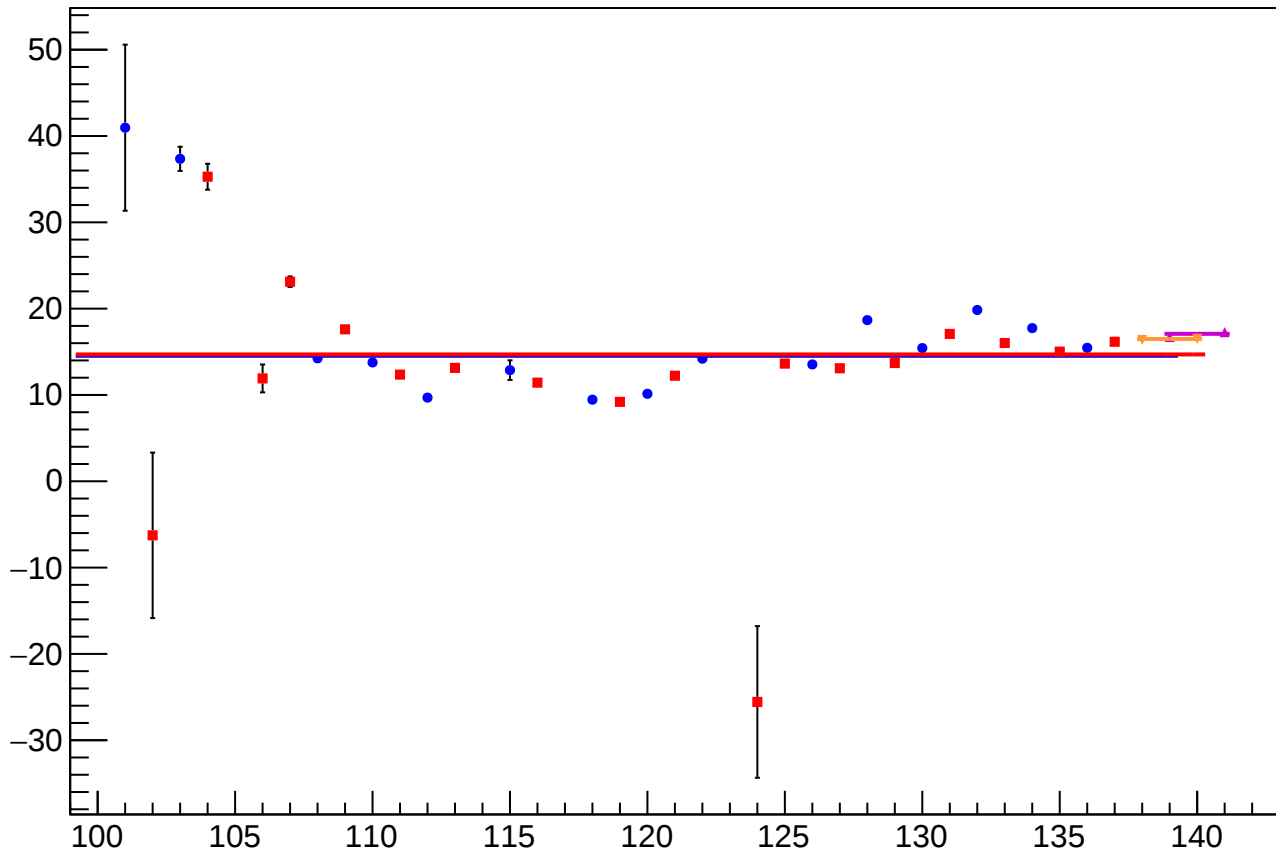
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -30.842 ± 0.027 $\chi^2/\text{NDF}: 129542.9/16$

Out: -21.023 ± 0.037 $\chi^2/\text{NDF}: 73856.1/19$

All: -27.397 ± 0.022 $\chi^2/\text{NDF}: 248715.0/36$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 16.488+/-0.048 χ^2/NDF : 0.3/1

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: 16.777+/-0.035 χ^2/NDF : 102.9/3

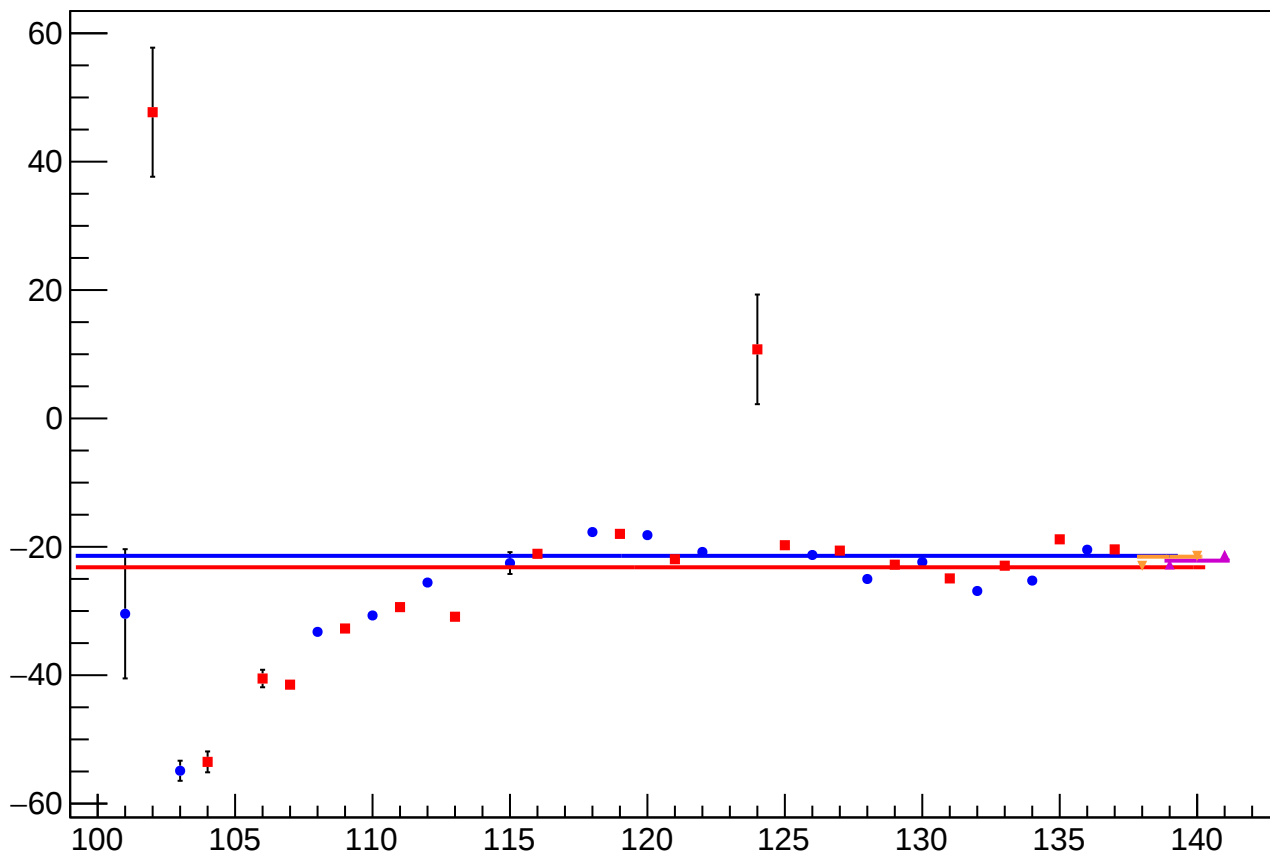
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.214+/-0.026 χ^2/NDF : 14033.4/16

Out: 15.500+/-0.032 χ^2/NDF : 2396.2/19

All: 15.324+/-0.020 χ^2/NDF : 16477.9/36

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -21.536 ± 0.072 $\chi^2/\text{NDF}: 37.0/1$

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: -21.828 ± 0.052 $\chi^2/\text{NDF}: 165.0/3$

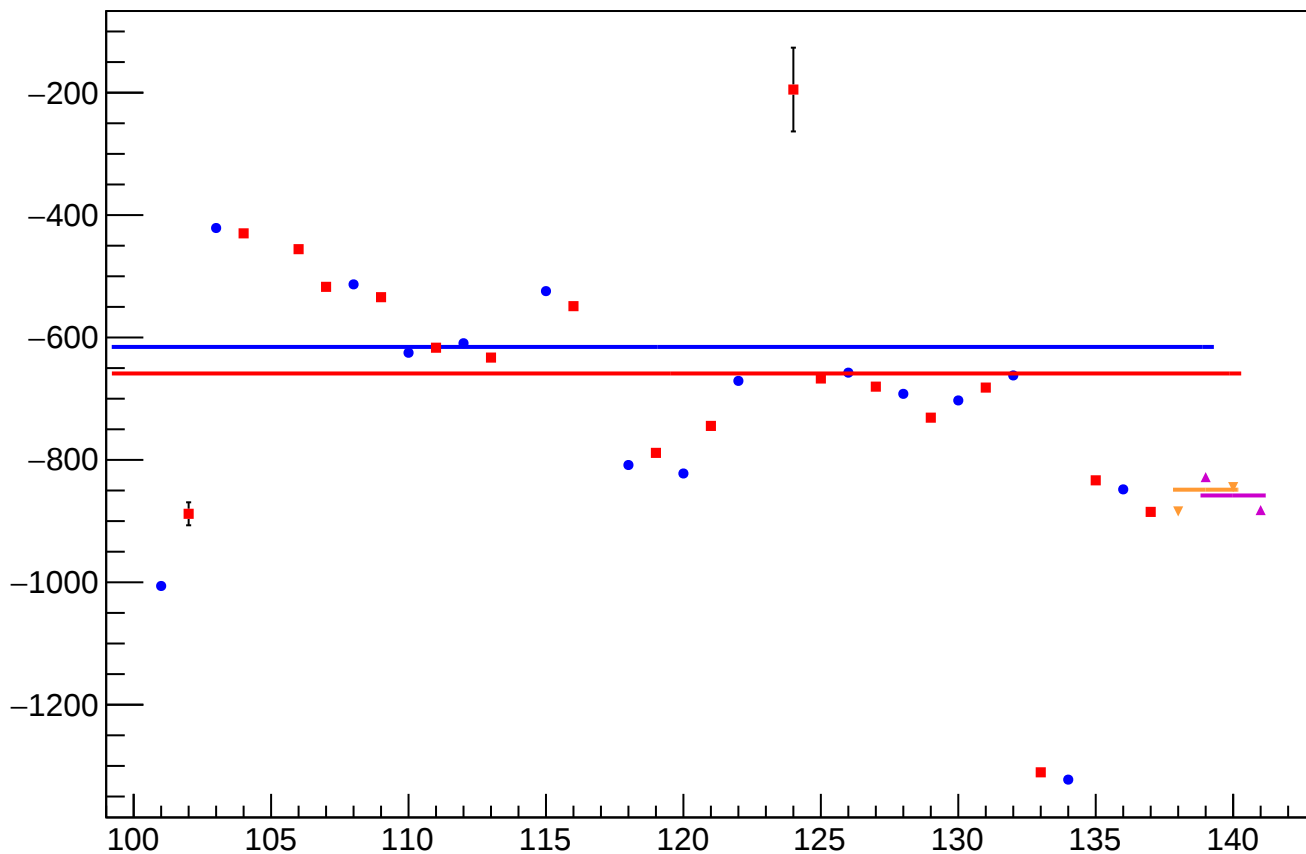
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -21.541 ± 0.032 $\chi^2/\text{NDF}: 9859.4/16$

Out: -22.632 ± 0.042 $\chi^2/\text{NDF}: 9513.4/19$

All: -21.949 ± 0.025 $\chi^2/\text{NDF}: 19802.6/36$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -848.661+/-1.092 χ^2/NDF : 125.1/1

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -858.112+/-0.631 χ^2/NDF : 1800.4/1

Left: -855.747+/-0.546 χ^2/NDF : 1981.7/3

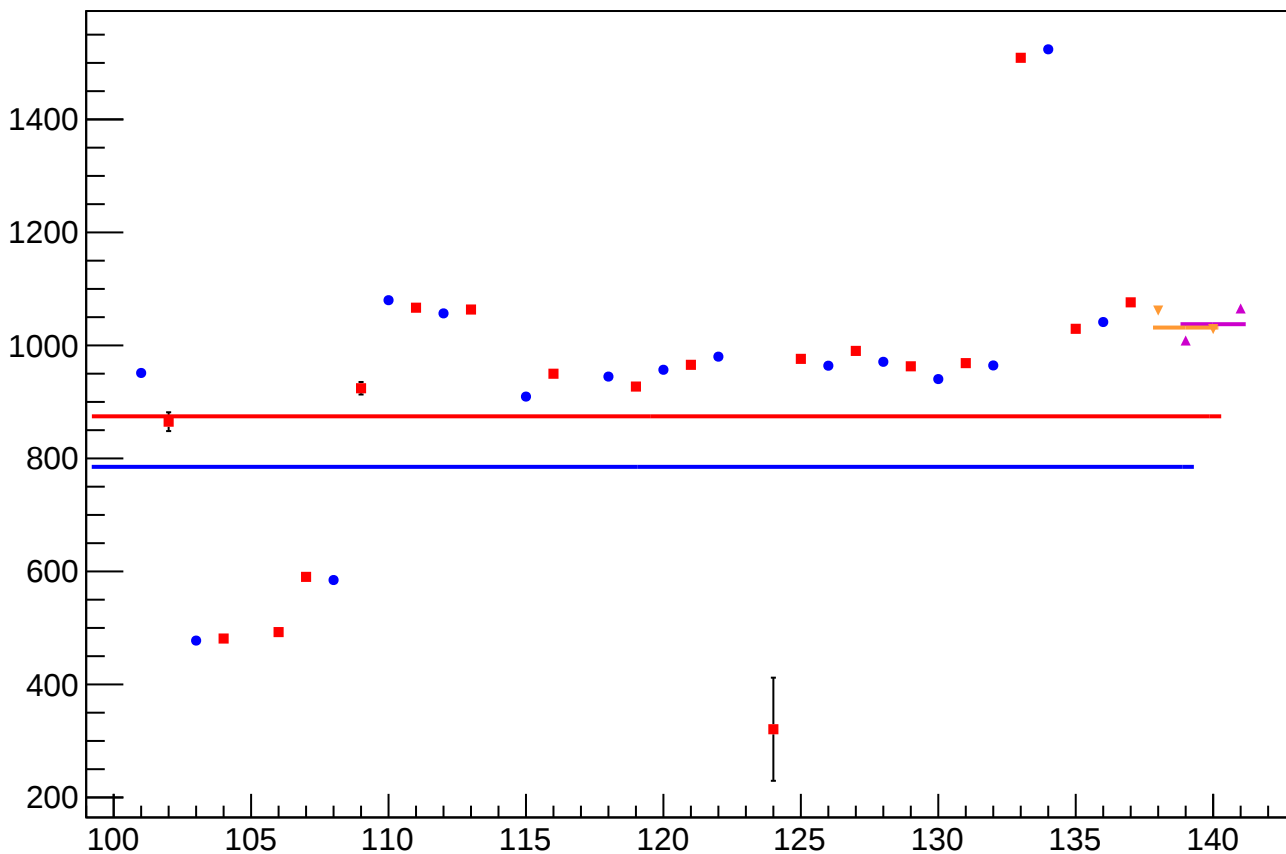
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -645.583+/-0.222 χ^2/NDF : 514291.8/16

Out: -668.705+/-0.250 χ^2/NDF : 414054.8/19

All: -655.817+/-0.166 χ^2/NDF : 933133.1/36

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 1031.620+/-1.068 χ^2/NDF : 71.5/1

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: 1036.216+/-0.510 χ^2/NDF : 2479.2/3

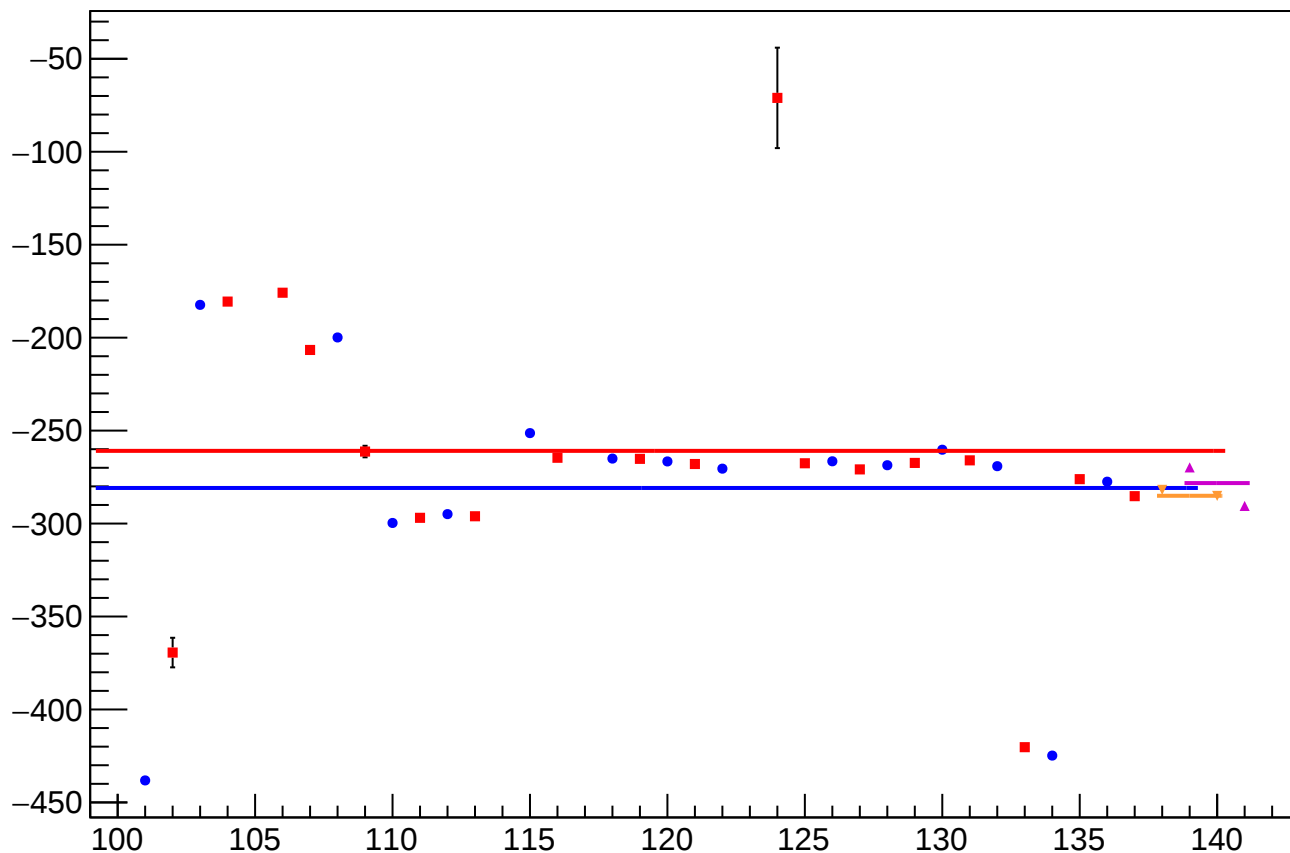
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 818.822+/-0.212 χ^2/NDF : 1052280.8/16

Out: 883.385+/-0.254 χ^2/NDF : 863052.0/19

All: 845.397+/-0.163 χ^2/NDF : 1953415.1/36

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -285.055 ± 0.174 $\chi^2/\text{NDF}: 8.3/1$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -278.226 ± 0.068 $\chi^2/\text{NDF}: 22621.6/1$

Left: -279.128 ± 0.063 $\chi^2/\text{NDF}: 23973.7/3$

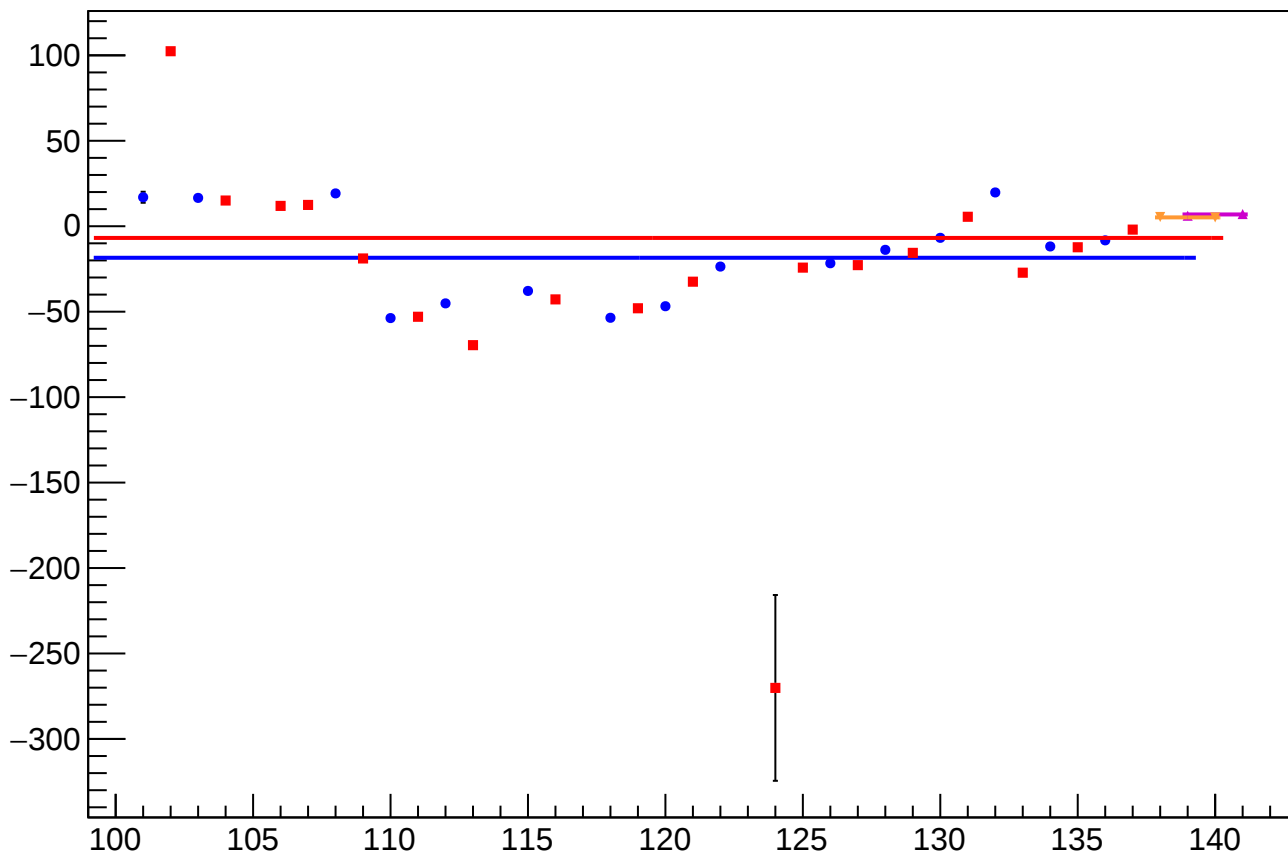
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -279.731 ± 0.044 $\chi^2/\text{NDF}: 897096.1/16$

Out: -264.076 ± 0.063 $\chi^2/\text{NDF}: 364553.8/19$

All: -274.550 ± 0.036 $\chi^2/\text{NDF}: 1303018.1/36$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 5.175 ± 0.120 $\chi^2/\text{NDF}: 0.2/1$

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: 6.254 ± 0.073 $\chi^2/\text{NDF}: 149.8/3$

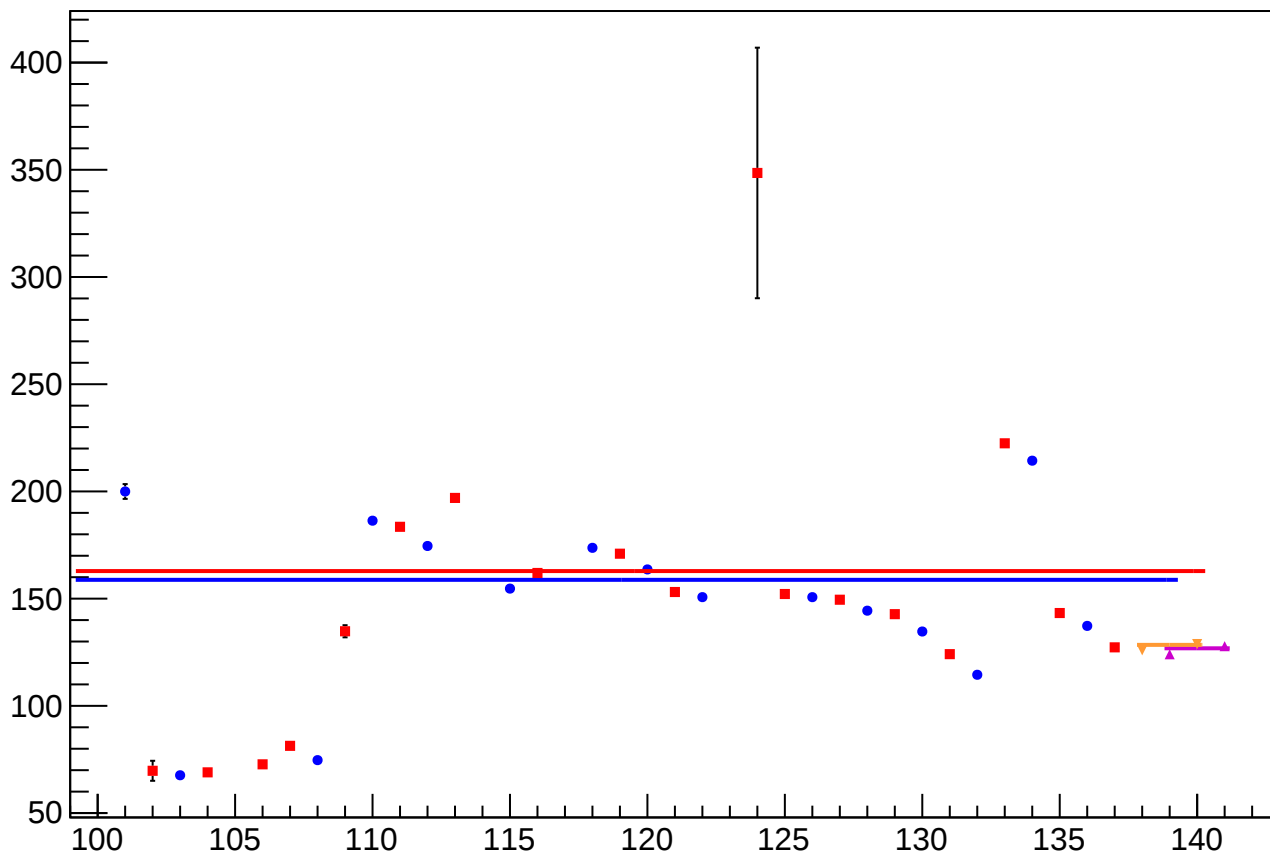
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -5.952 ± 0.065 $\chi^2/\text{NDF}: 84628.3/16$

Out: -4.146 ± 0.057 $\chi^2/\text{NDF}: 57795.9/19$

All: -4.930 ± 0.043 $\chi^2/\text{NDF}: 142861.8/36$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14

Left Out: 128.440 $\pm$ 0.167 χ^2/NDF :35.0/1

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: 127.300 $\pm$ 0.090 χ^2/NDF : 344.8/3

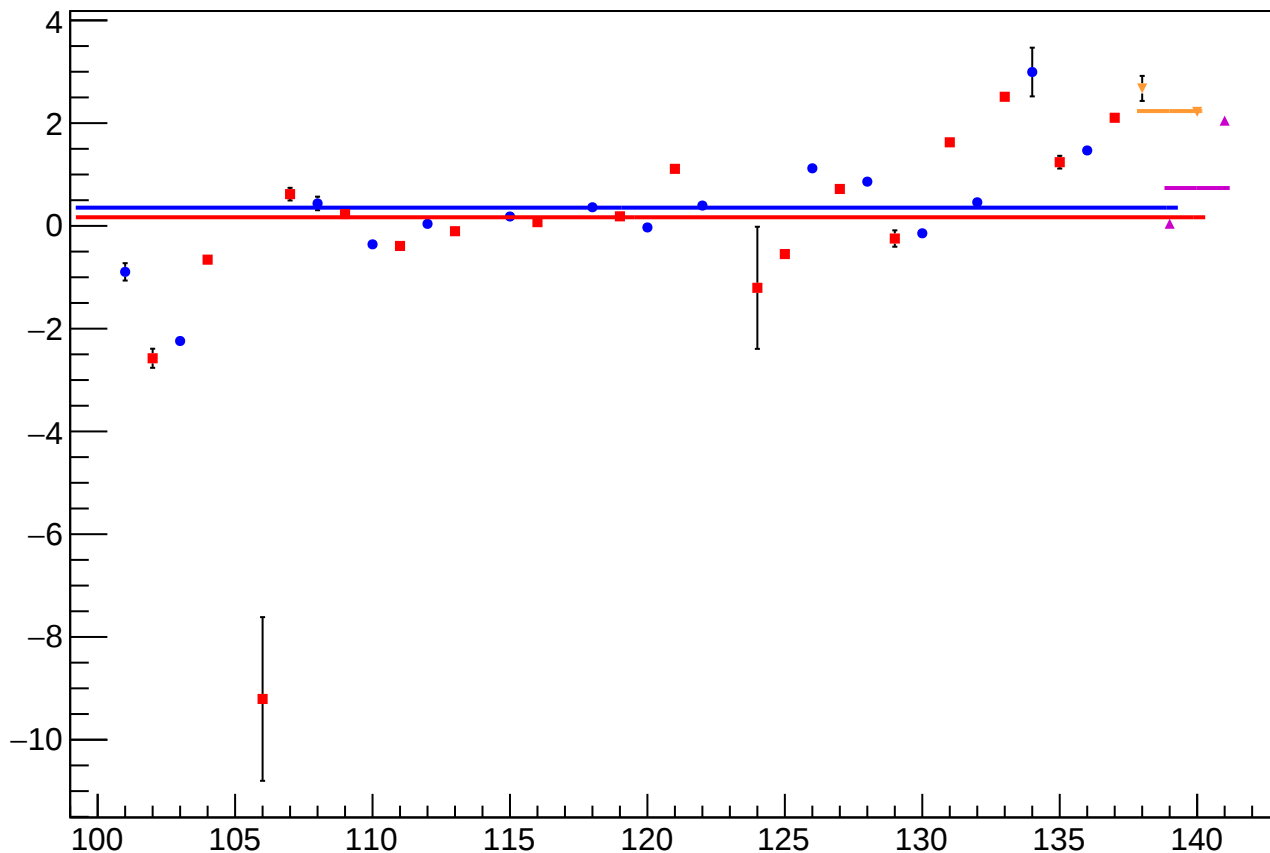
Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32

In: 145.723 $\pm$ 0.068 χ^2/NDF :212691.7/16

Out: 154.664 $\pm$ 0.081 χ^2/NDF :188621.6/19

All: 149.392 $\pm$ 0.052 χ^2/NDF : 408424.9/36

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 2.235 ± 0.045 χ^2/NDF : 3.4/1

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 0.737 ± 0.024 χ^2/NDF : 1609.3/1

Left: 1.062 ± 0.021 χ^2/NDF : 2473.4/3

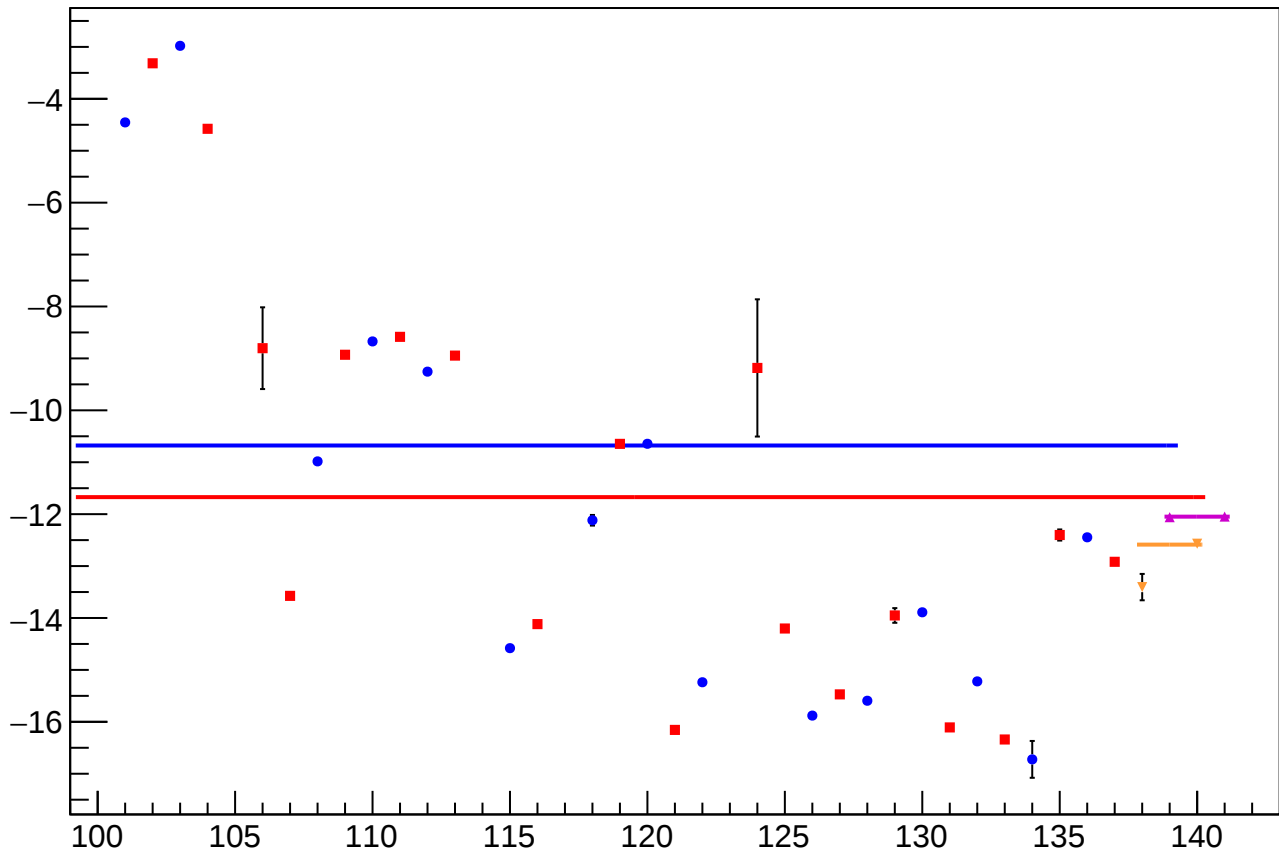
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.430 ± 0.011 χ^2/NDF : 5828.0/16

Out: 0.225 ± 0.008 χ^2/NDF : 6627.3/19

All: 0.295 ± 0.006 χ^2/NDF : 12704.5/36

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -12.587 ± 0.037 $\chi^2/\text{NDF}: 10.6/1$

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: -12.269 ± 0.023 $\chi^2/\text{NDF}: 139.1/3$

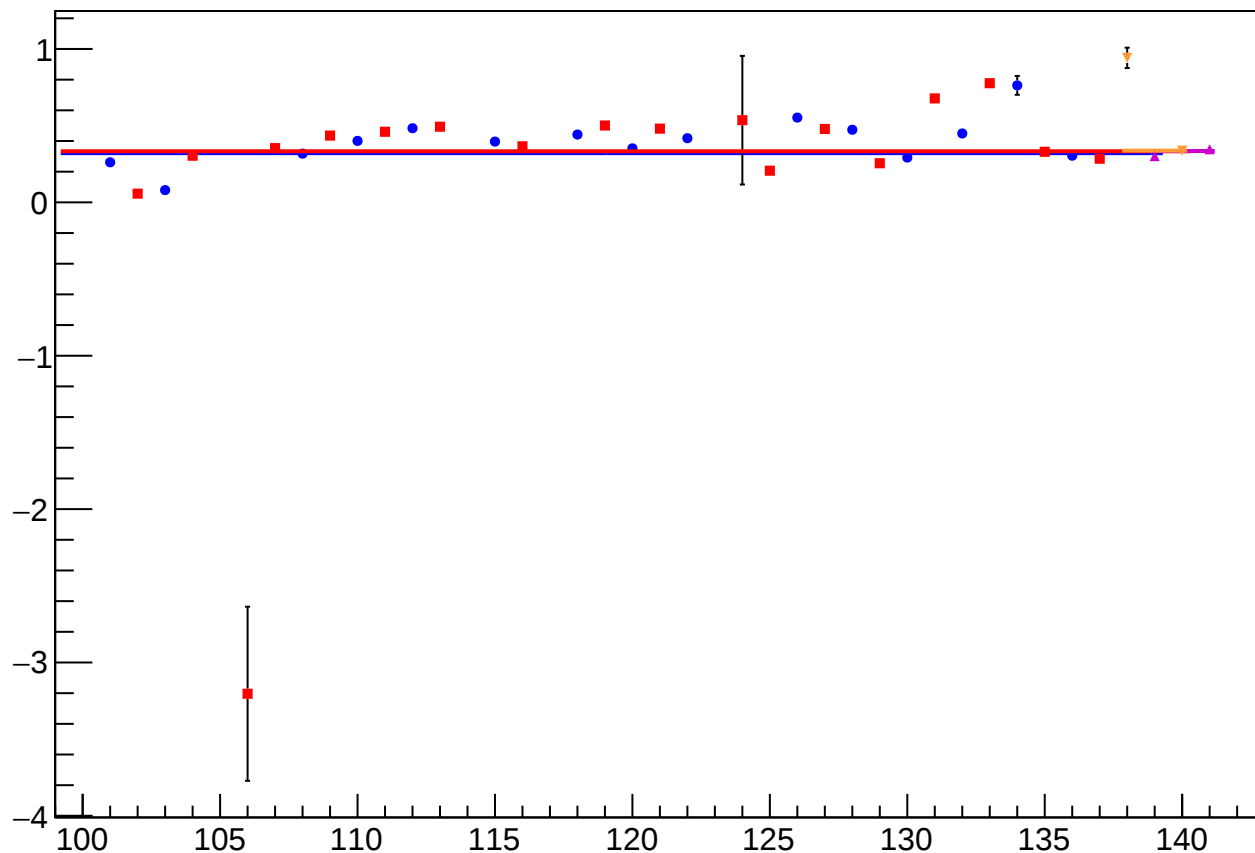
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -10.818 ± 0.010 $\chi^2/\text{NDF}: 228613.8/16$

Out: -11.756 ± 0.011 $\chi^2/\text{NDF}: 108425.0/19$

All: -11.227 ± 0.007 $\chi^2/\text{NDF}: 341080.0/36$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.337 $\pm$ 0.001 χ^2 /NDF: 83.1/1

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: 0.336 $\pm$ 0.001 χ^2 /NDF: 342.3/3

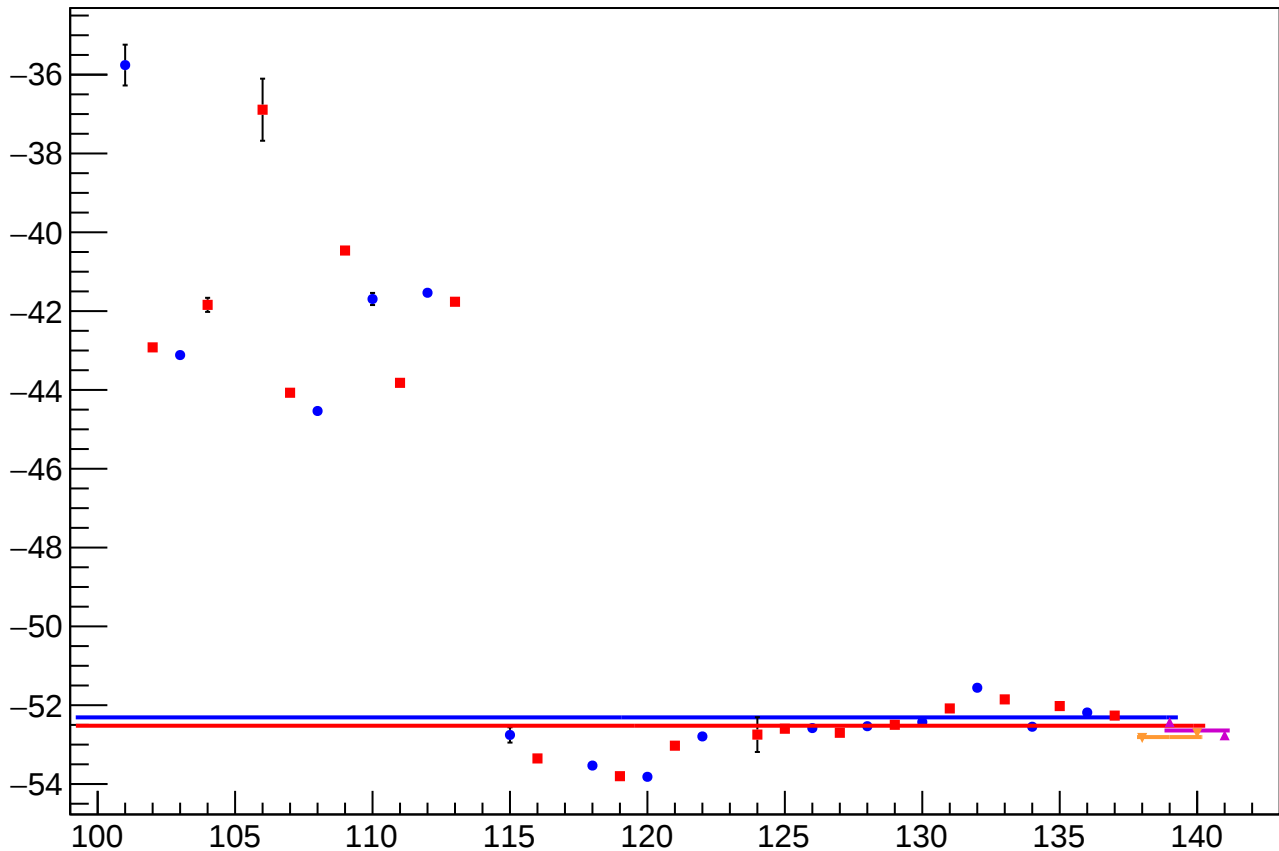
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.326 $\pm$ 0.001 χ^2 /NDF: 4356.2/16

Out: 0.335 $\pm$ 0.001 χ^2 /NDF: 4258.5/19

All: 0.330 $\pm$ 0.001 χ^2 /NDF: 8672.4/36

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -52.809 ± 0.009 $\chi^2/\text{NDF}: 25.8/1$

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: -52.701 ± 0.006 $\chi^2/\text{NDF}: 781.5/3$

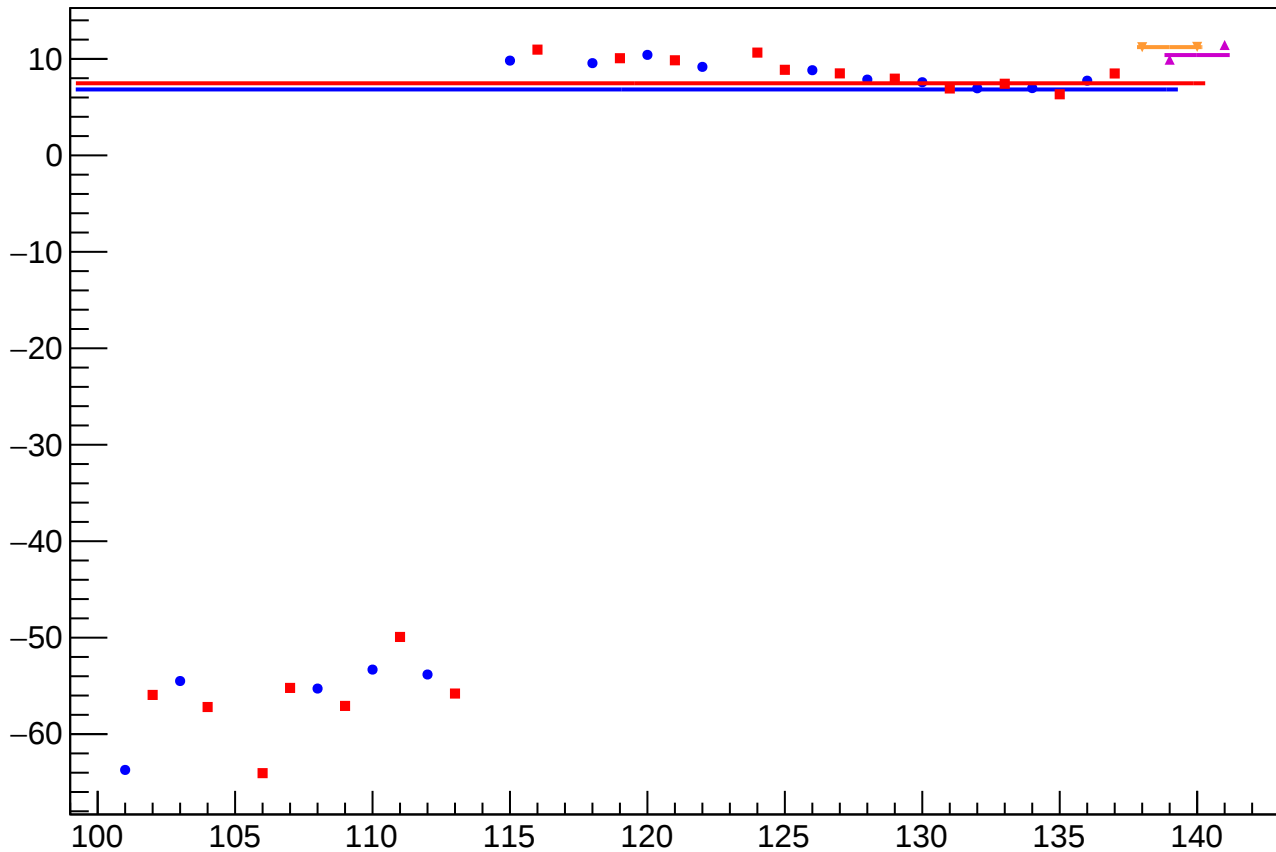
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -52.406 ± 0.004 $\chi^2/\text{NDF}: 55664.1/16$

Out: -52.578 ± 0.004 $\chi^2/\text{NDF}: 77420.1/19$

All: -52.483 ± 0.003 $\chi^2/\text{NDF}: 134043.0/36$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 11.224 $\pm$ 0.019 χ^2 /NDF:0.7/1

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: 10.810 $\pm$ 0.013 χ^2 /NDF: 2426.2/3

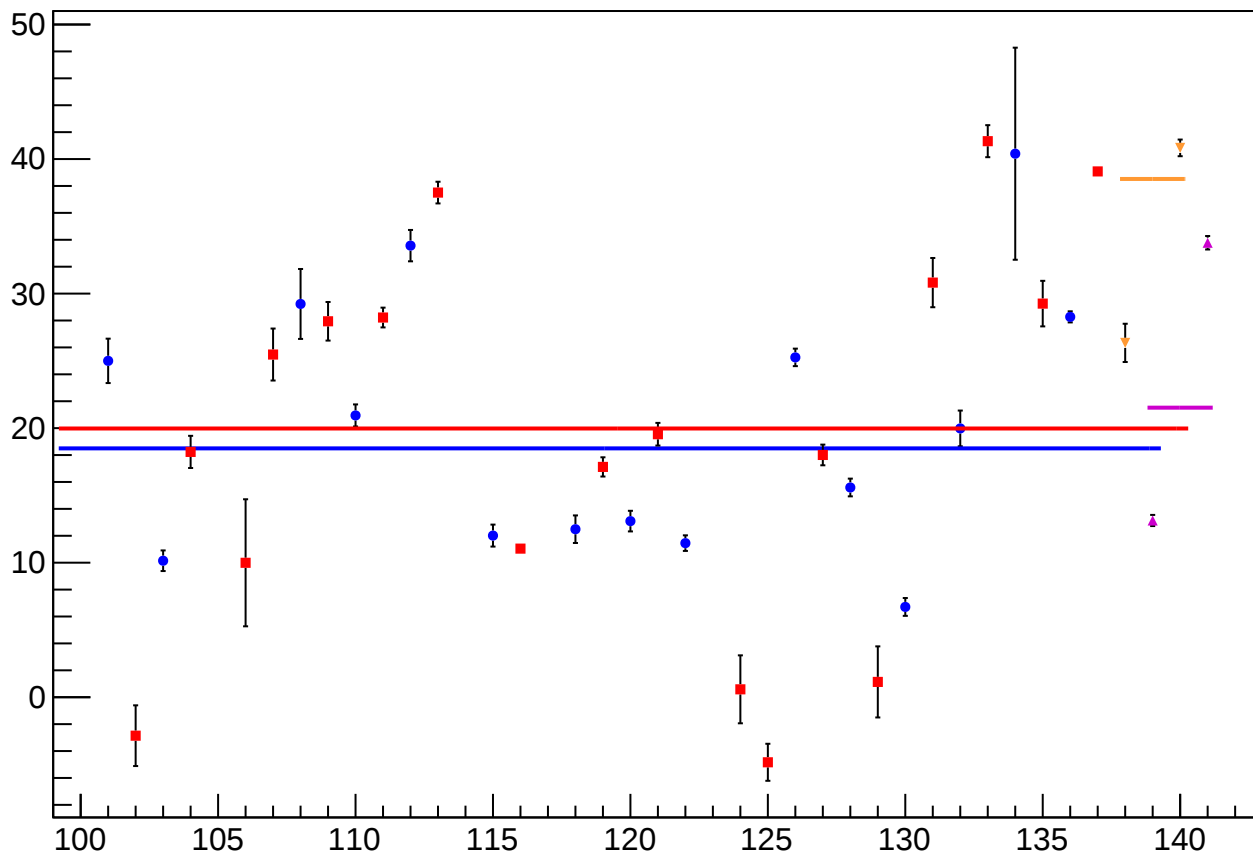
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.080 $\pm$ 0.005 χ^2 /NDF:1026313.8/16

Out: 8.217 $\pm$ 0.008 χ^2 /NDF:1227773.9/19

All: 7.372 $\pm$ 0.004 χ^2 /NDF: 2267973.3/36

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 38.521 $\pm$ 0.568 χ^2 /NDF:87.4/1

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: 25.607 $\pm$ 0.278 χ^2 /NDF: 1777.5/3

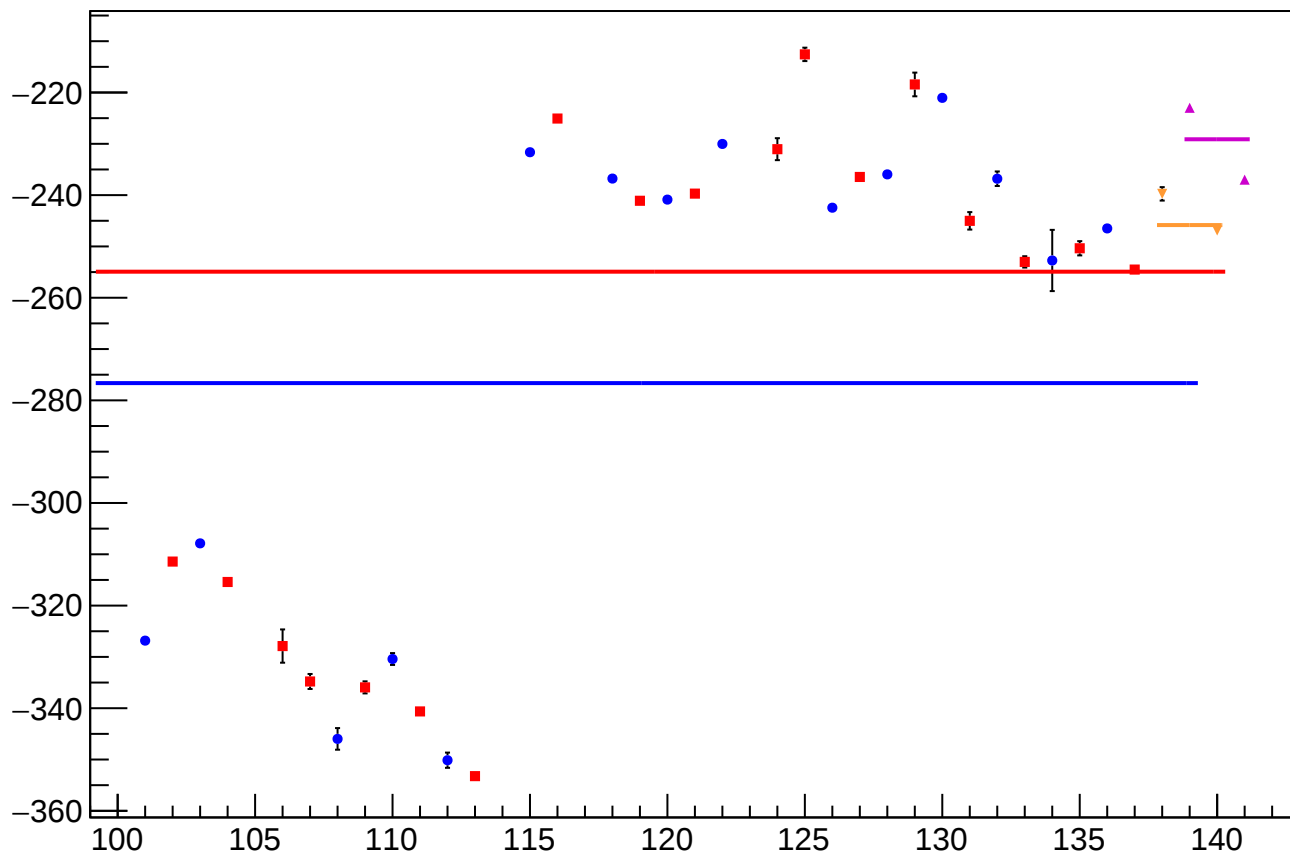
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 19.349 $\pm$ 0.170 χ^2 /NDF:2709.8/16

Out: 20.901 $\pm$ 0.127 χ^2 /NDF:10303.3/19

All: 20.344 $\pm$ 0.102 χ^2 /NDF: 13066.8/36

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -245.835 ± 0.506 $\chi^2/\text{NDF}: 25.2/1$

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: -232.854 ± 0.239 $\chi^2/\text{NDF}: 1530.5/3$

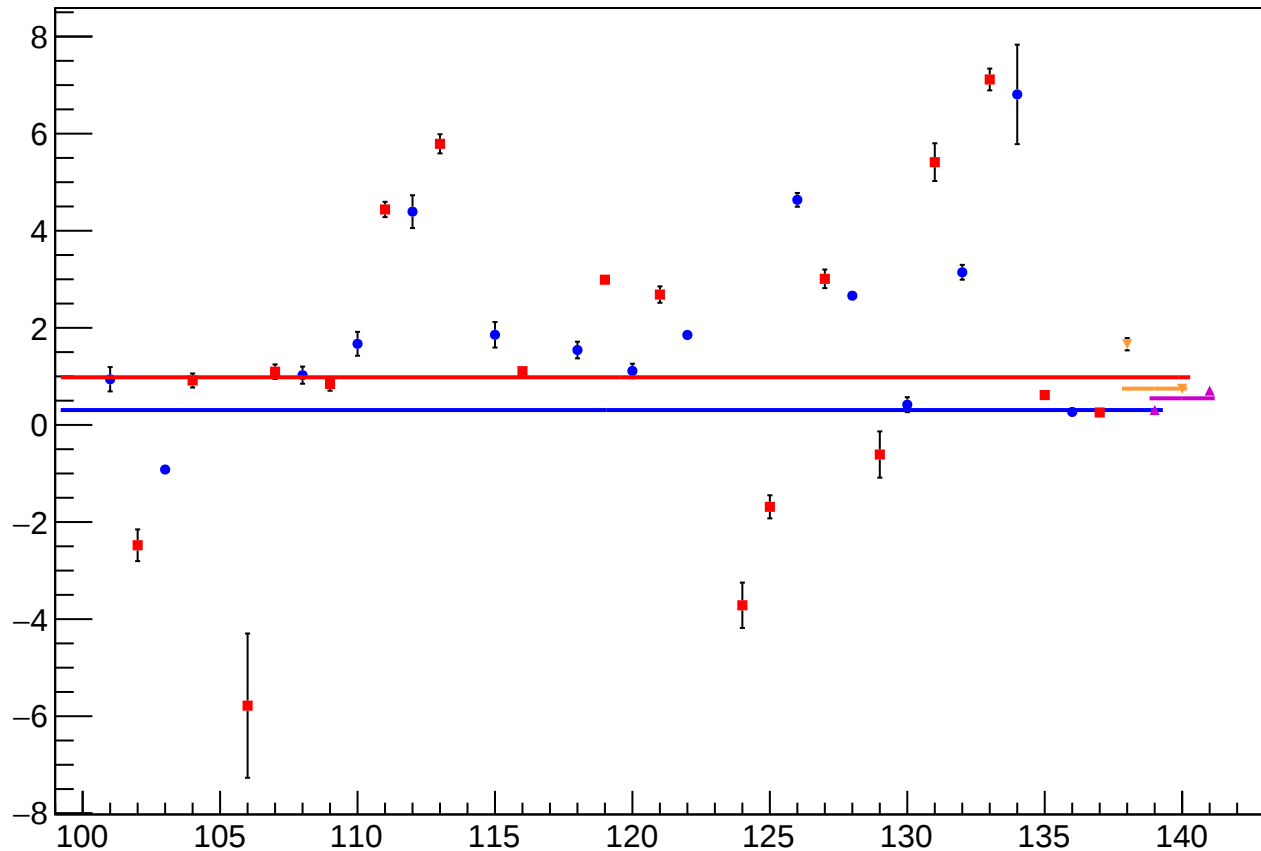
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -265.792 ± 0.130 $\chi^2/\text{NDF}: 101448.2/16$

Out: -254.744 ± 0.071 $\chi^2/\text{NDF}: 72287.8/19$

All: -257.268 ± 0.062 $\chi^2/\text{NDF}: 179340.7/36$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.748 ± 0.009 $\chi^2/\text{NDF}: 52.0/1$

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: 0.596 ± 0.004 $\chi^2/\text{NDF}: 2035.9/3$

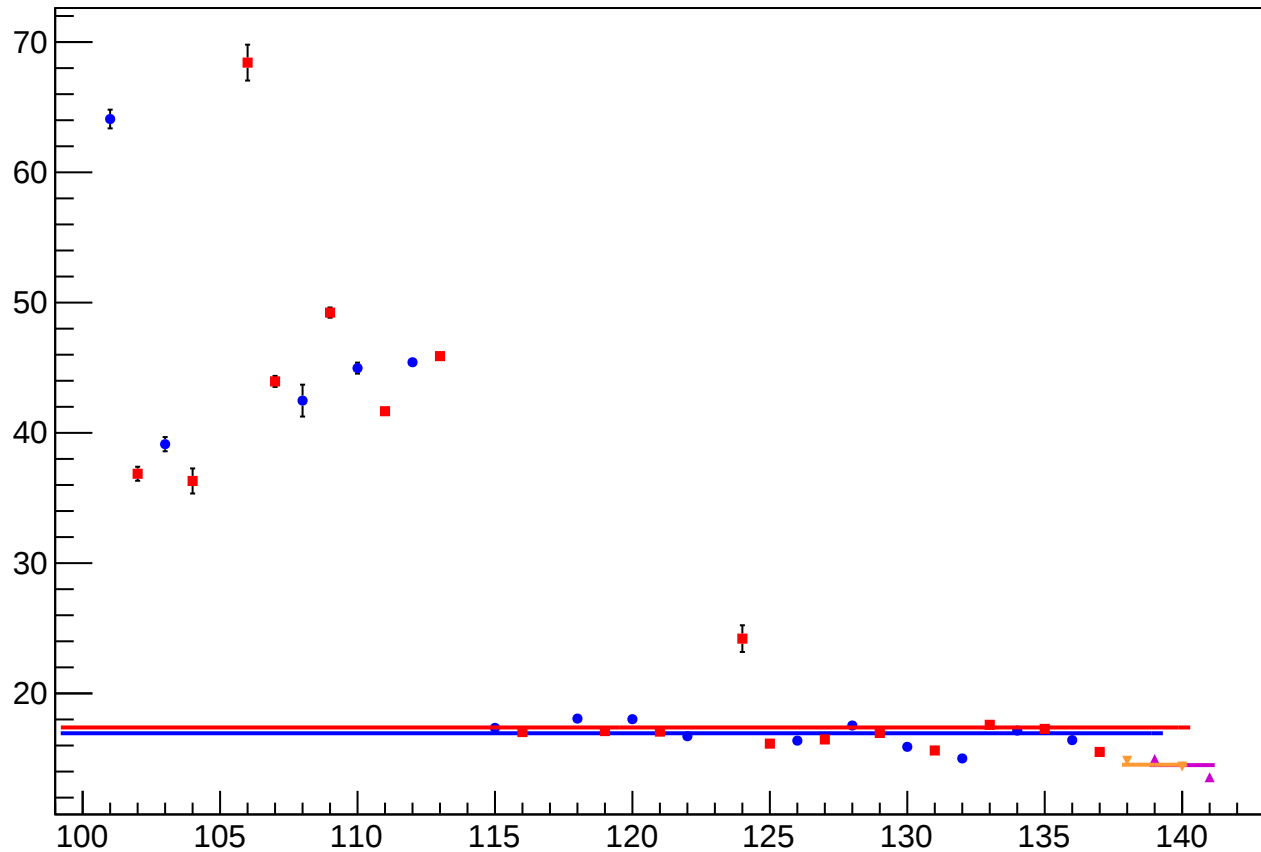
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.463 ± 0.004 $\chi^2/\text{NDF}: 5231.6/16$

Out: 0.810 ± 0.008 $\chi^2/\text{NDF}: 3613.3/19$

All: 0.538 ± 0.003 $\chi^2/\text{NDF}: 10513.4/36$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF : 29019.8/14

Left Out: 14.526+/-0.030 χ^2/NDF : 48.7/1

Right Out: 17.385+/-0.018 χ^2/NDF : 61131.5/17

Left In: 14.496+/-0.026 χ^2/NDF : 625.0/1

Left: 14.509+/-0.020 χ^2/NDF : 674.2/3

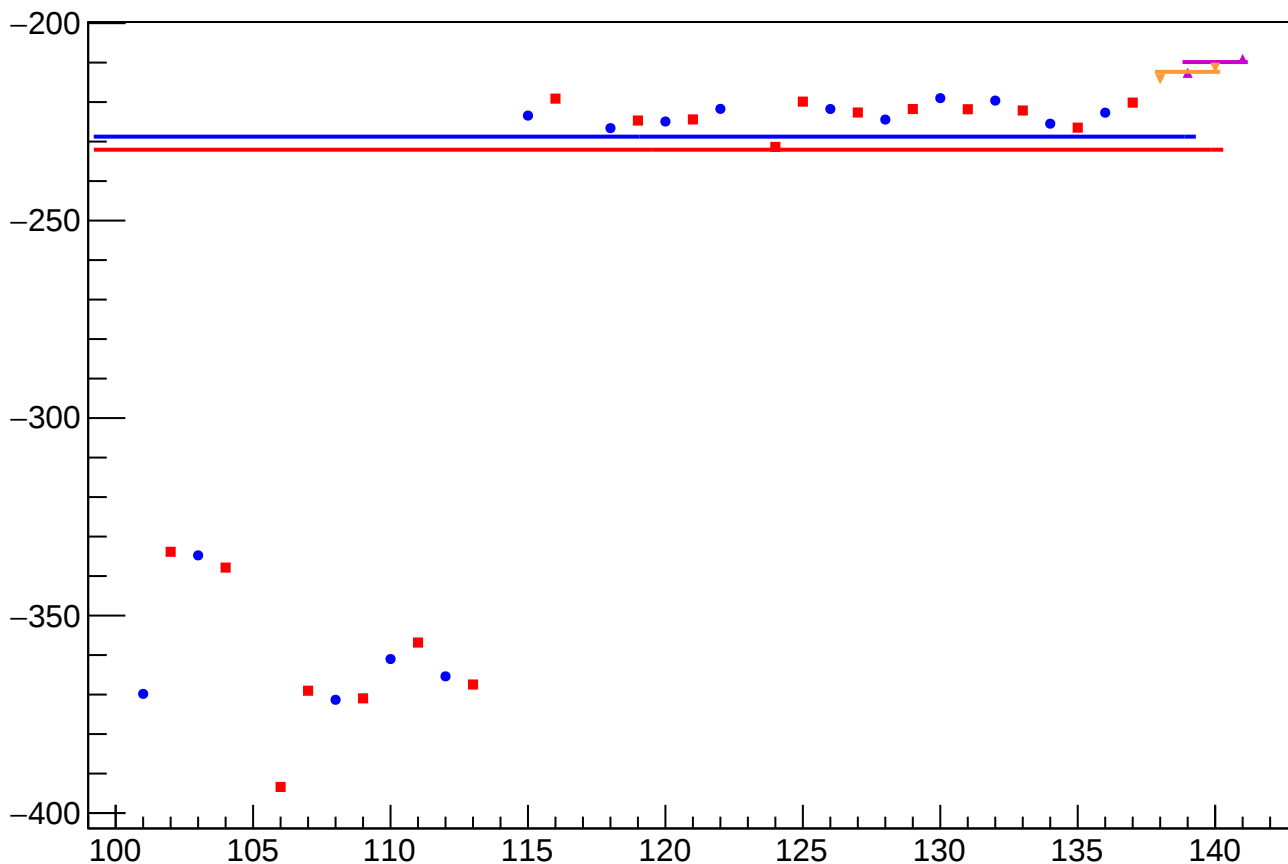
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 16.468+/-0.012 χ^2/NDF : 36635.8/16

Out: 16.643+/-0.015 χ^2/NDF : 68043.0/19

All: 16.532+/-0.009 χ^2/NDF : 104763.2/36

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -212.340+/-0.057 χ^2/NDF : 611.2/1

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -209.861+/-0.045 χ^2/NDF : 1101.1/1

Left: -210.813+/-0.035 χ^2/NDF : 2897.7/3

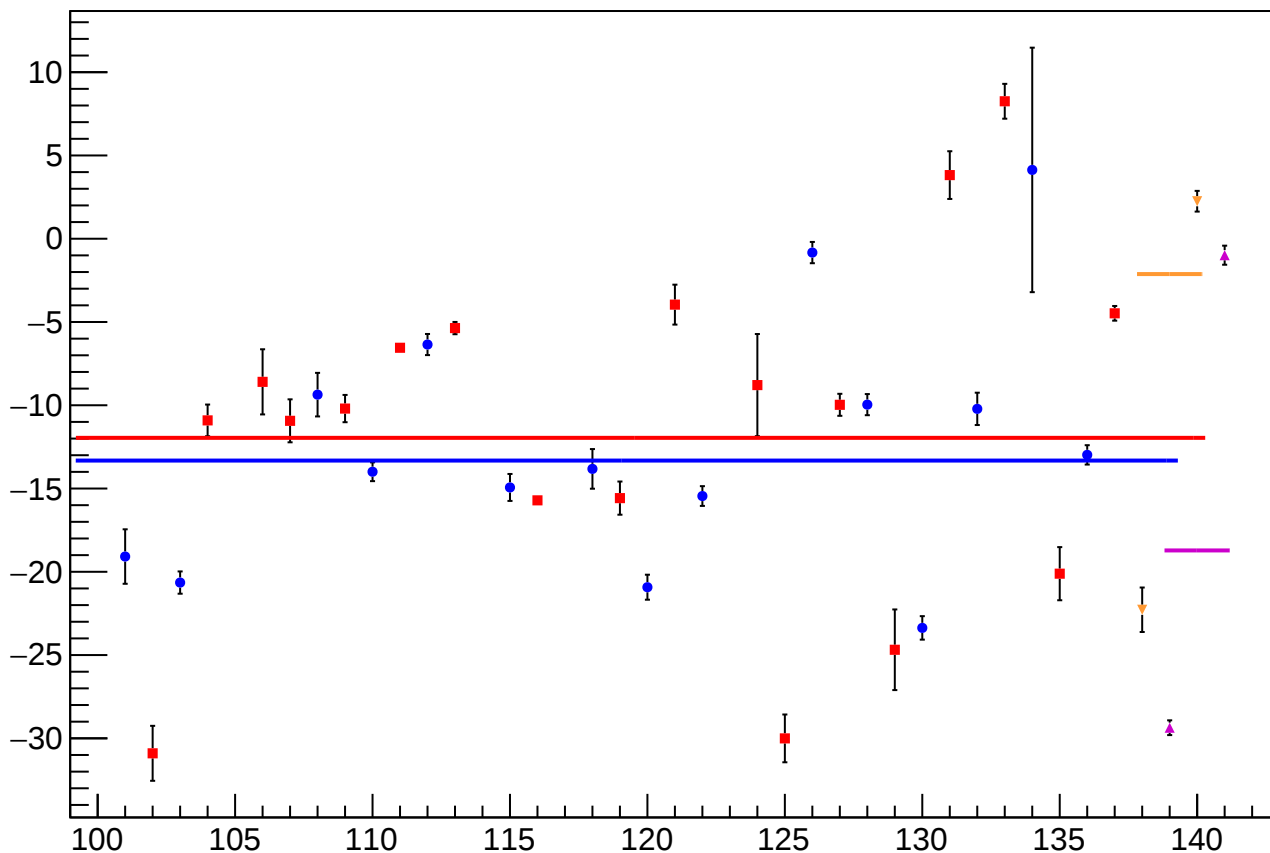
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -221.635+/-0.027 χ^2/NDF : 770365.4/16

Out: -225.196+/-0.033 χ^2/NDF : 871460.2/19

All: -223.069+/-0.021 χ^2/NDF : 1648633.7/36

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -2.122 ± 0.564 $\chi^2/\text{NDF}: 277.4/1$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -18.718 ± 0.351 $\chi^2/\text{NDF}: 1534.8/1$

Left: -14.089 ± 0.298 $\chi^2/\text{NDF}: 2436.9/3$

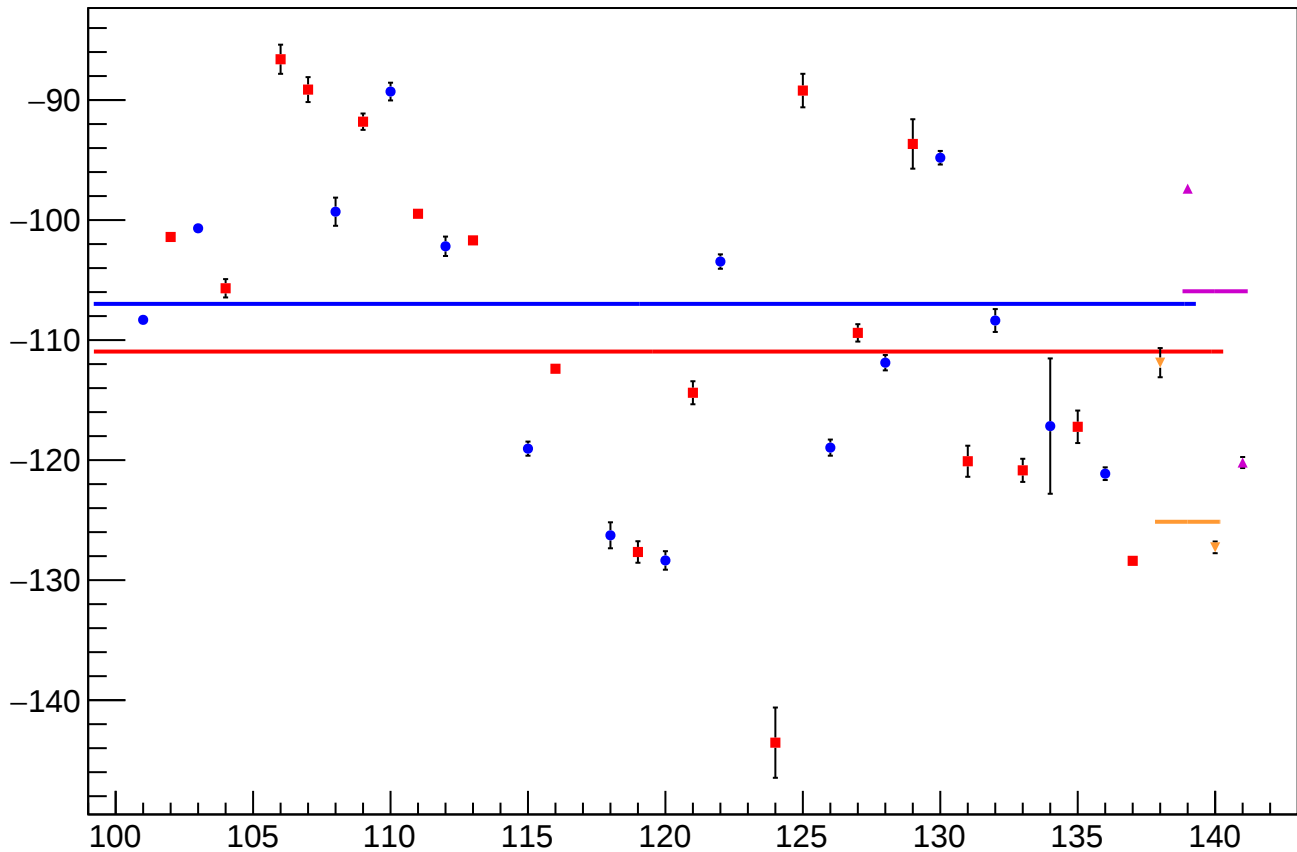
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.583 ± 0.170 $\chi^2/\text{NDF}: 2729.3/16$

Out: -11.579 ± 0.110 $\chi^2/\text{NDF}: 3057.1/19$

All: -12.474 ± 0.093 $\chi^2/\text{NDF}: 6006.7/36$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -125.136 ± 0.453 χ^2/NDF : 137.9/1

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -105.932 ± 0.281 χ^2/NDF : 1542.8/1

Left: -111.281 ± 0.239 χ^2/NDF : 2979.4/3

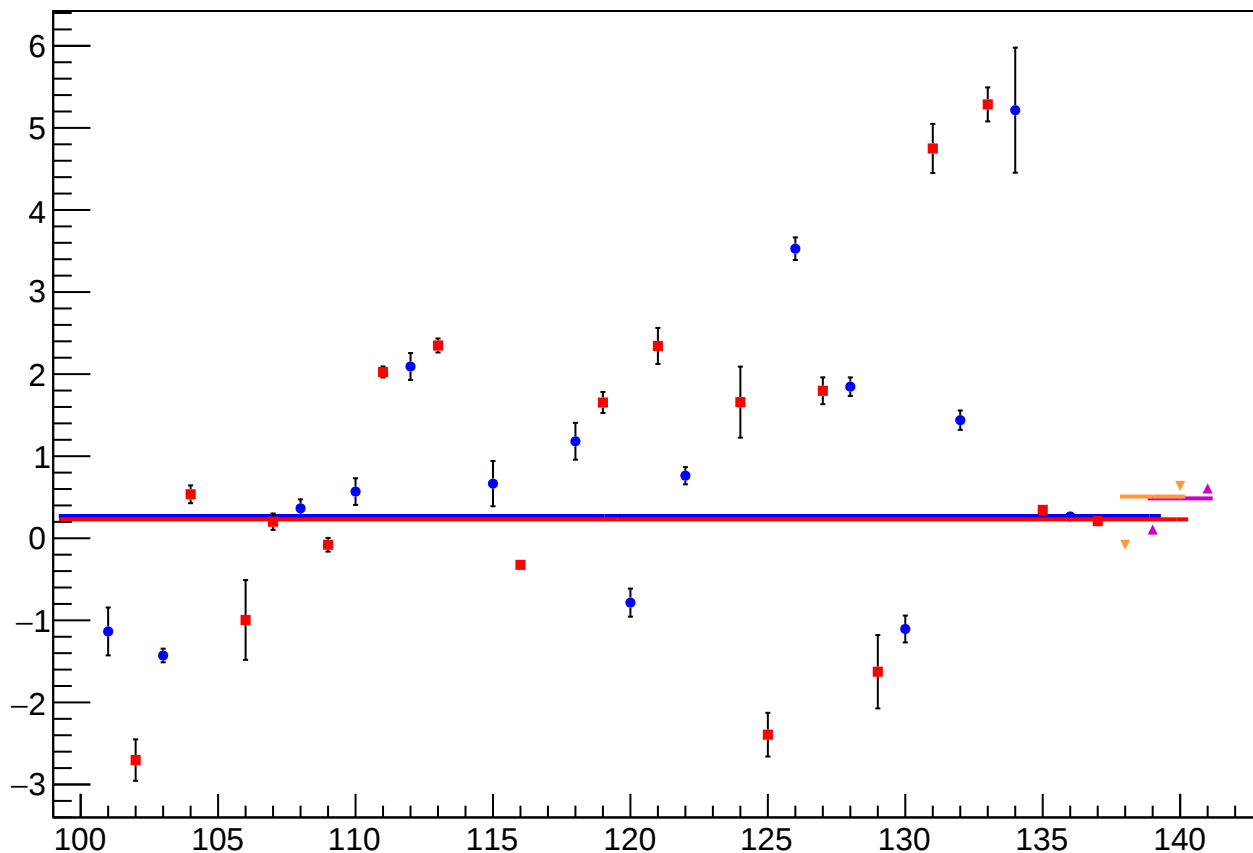
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -106.843 ± 0.102 χ^2/NDF : 6213.2/16

Out: -111.127 ± 0.050 χ^2/NDF : 11782.6/19

All: -110.306 ± 0.045 χ^2/NDF : 19408.9/36

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.005 χ^2/NDF : 1612.2/14

Left Out: 0.508+/-0.010 χ^2/NDF : 702.8/1

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: 0.489+/-0.004 χ^2/NDF : 3101.1/3

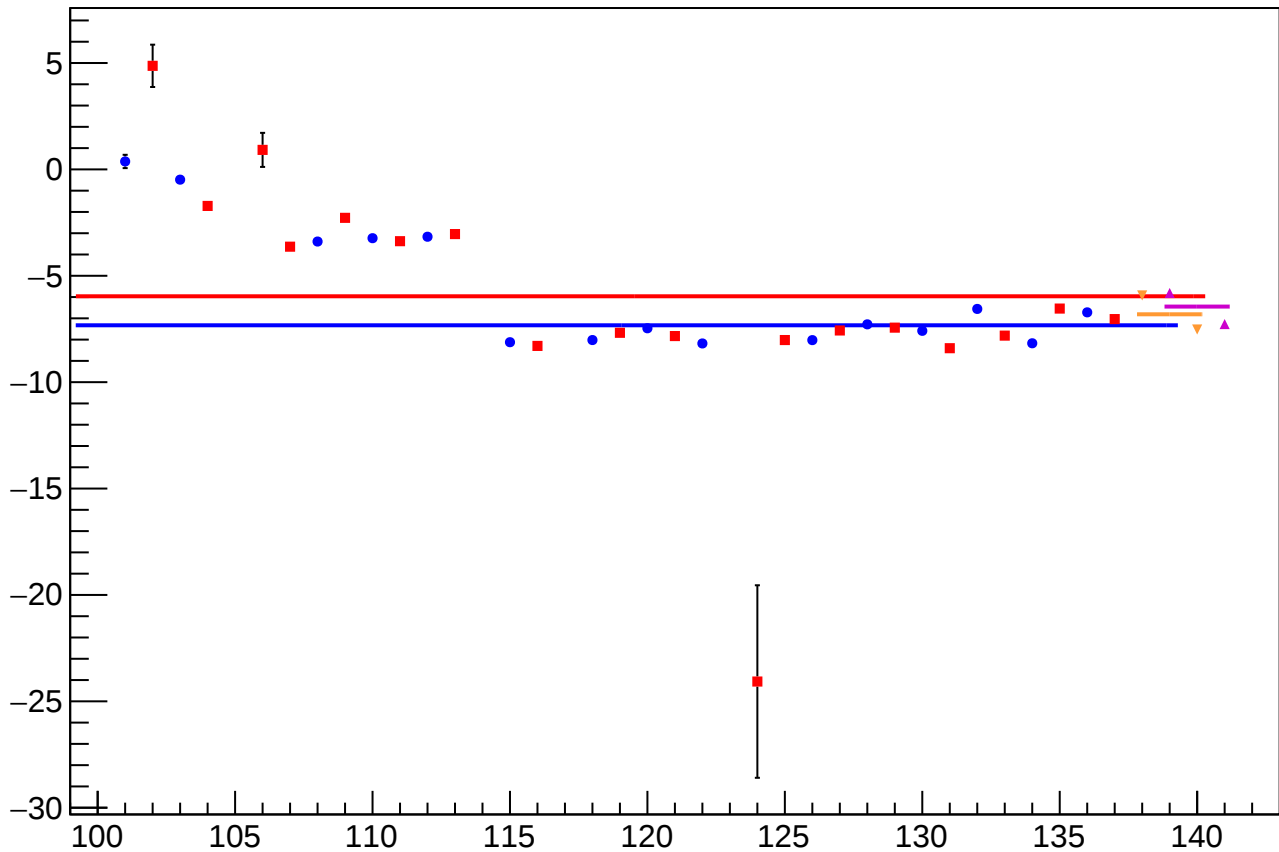
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.399+/-0.003 χ^2/NDF : 4975.3/16

Out: 0.273+/-0.004 χ^2/NDF : 4210.0/19

All: 0.347+/-0.003 χ^2/NDF : 9752.4/36

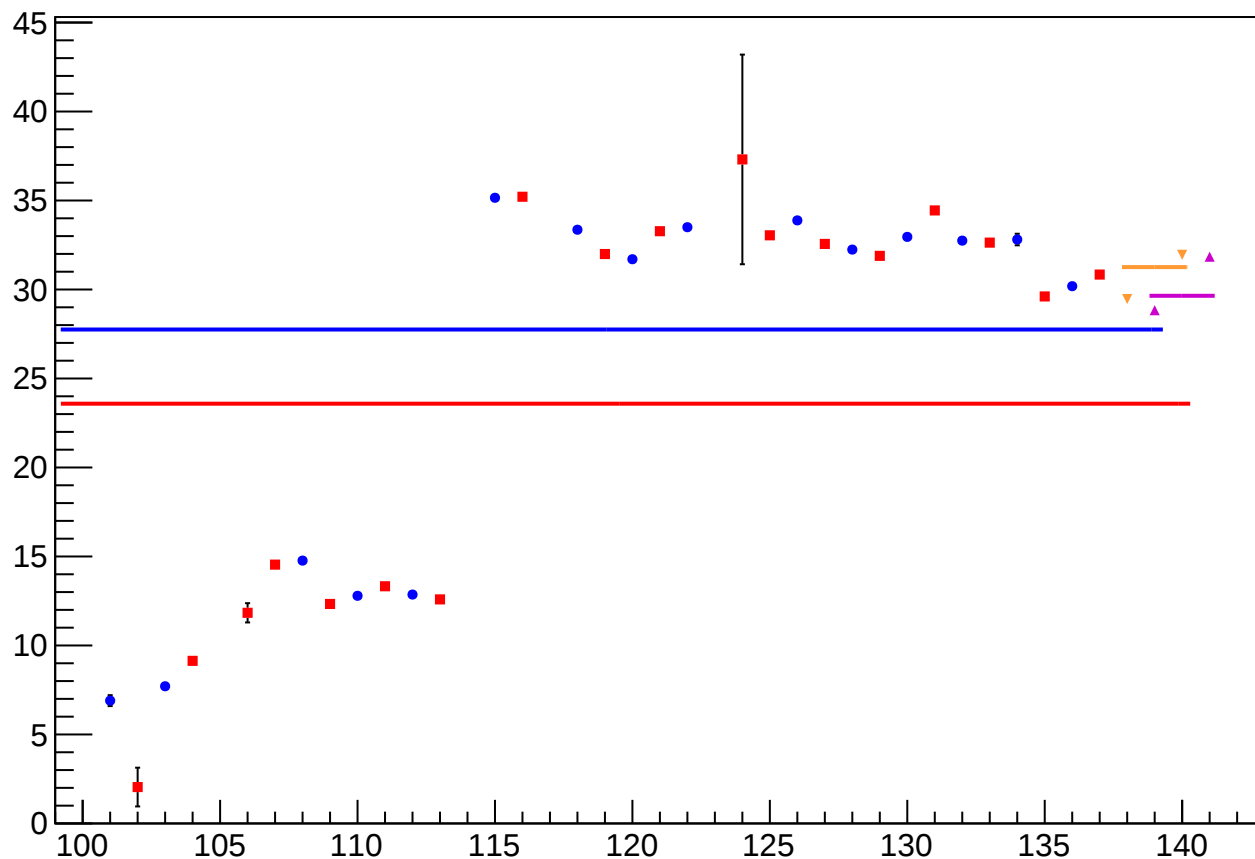
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.810 ± 0.035 $\chi^2/\text{NDF}: 508.1/1$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.447 ± 0.015 $\chi^2/\text{NDF}: 2243.2/1$

Left: -6.505 ± 0.014 $\chi^2/\text{NDF}: 2840.1/3$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -7.124 ± 0.007 $\chi^2/\text{NDF}: 35275.9/16$
 Out: -6.013 ± 0.009 $\chi^2/\text{NDF}: 72856.6/19$
 All: -6.650 ± 0.006 $\chi^2/\text{NDF}: 117884.6/36$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 31.259 $\pm$ 0.046 χ^2 /NDF:581.2/1

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: 30.280 $\pm$ 0.029 χ^2 /NDF: 2615.1/3

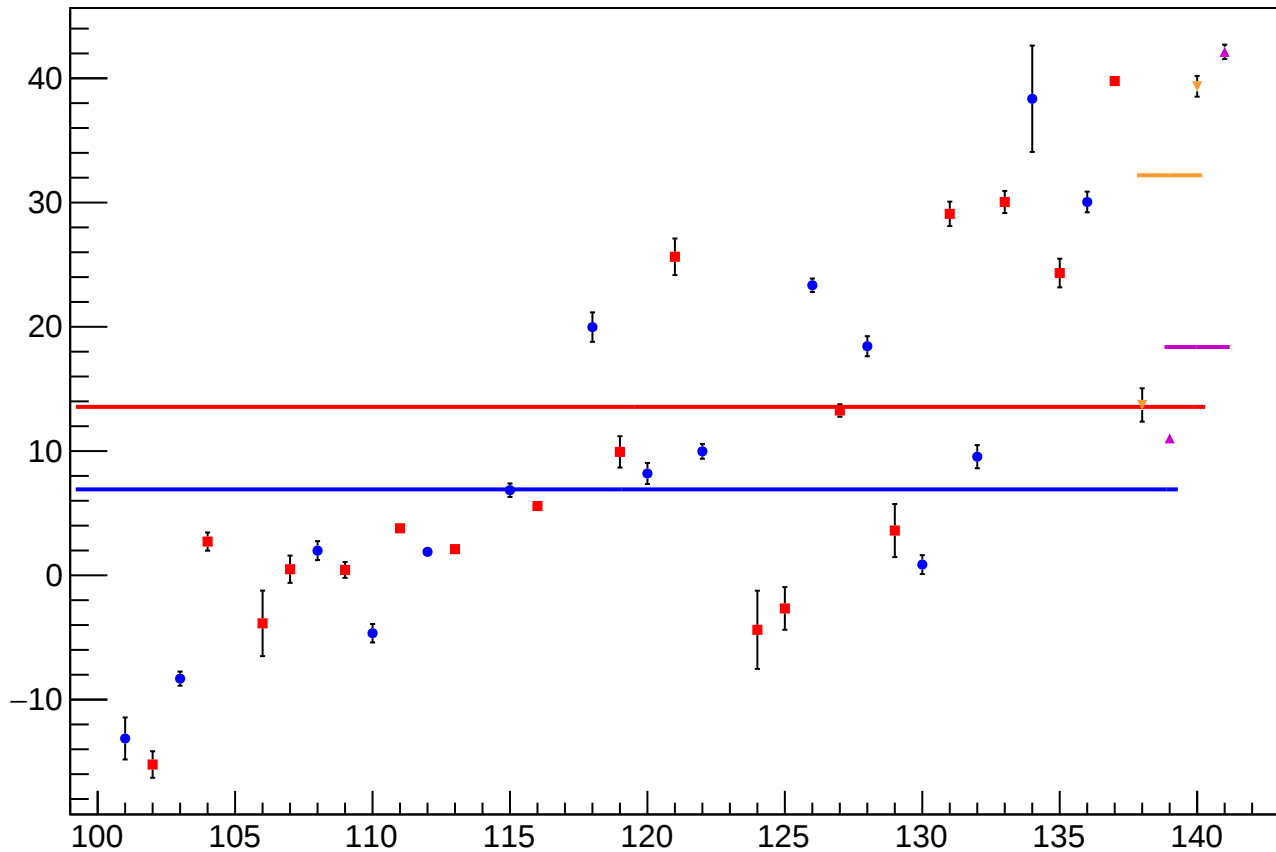
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.019 $\pm$ 0.014 χ^2 /NDF:336459.3/16

Out: 24.207 $\pm$ 0.013 χ^2 /NDF:565583.5/19

All: 26.002 $\pm$ 0.010 χ^2 /NDF: 941644.9/36

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 $\pm$ 0.177 χ^2/NDF : 3503.2/14

Left Out: 32.198 $\pm$ 0.709 χ^2/NDF : 263.2/1

Right Out: 13.557 $\pm$ 0.145 χ^2/NDF : 11657.2/17

Left In: 18.375 $\pm$ 0.282 χ^2/NDF : 2201.8/1

Left: 20.258 $\pm$ 0.262 χ^2/NDF : 2793.3/3

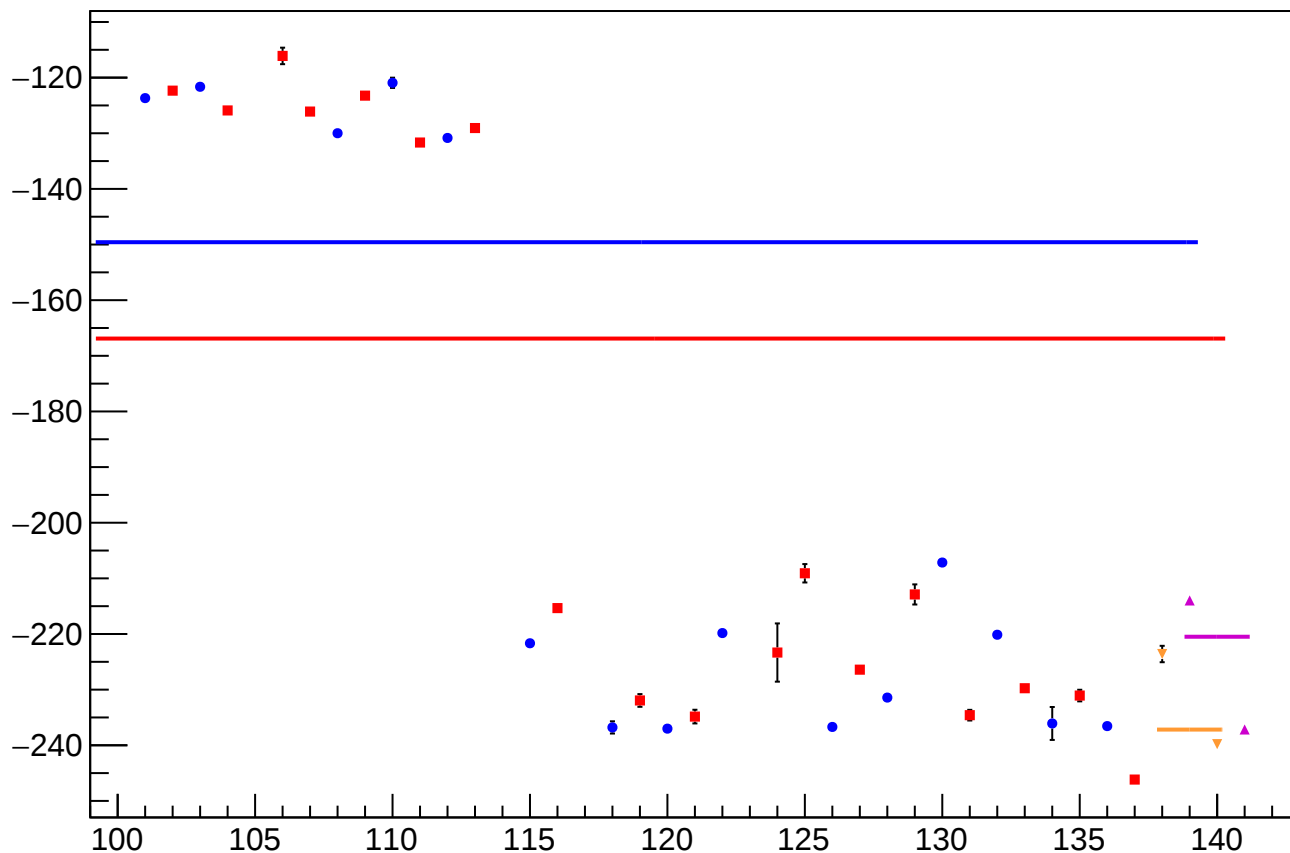
Right: 10.880 $\pm$ 0.112 χ^2/NDF : 16004.9/32

In: 10.150 $\pm$ 0.150 χ^2/NDF : 6893.6/16

Out: 14.306 $\pm$ 0.142 χ^2/NDF : 12583.8/19

All: 12.334 $\pm$ 0.103 χ^2/NDF : 19883.2/36

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -237.179 ± 0.592 χ^2/NDF : 101.4/1

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -220.491 ± 0.241 χ^2/NDF : 1876.2/1

Left: -222.856 ± 0.223 χ^2/NDF : 2658.7/3

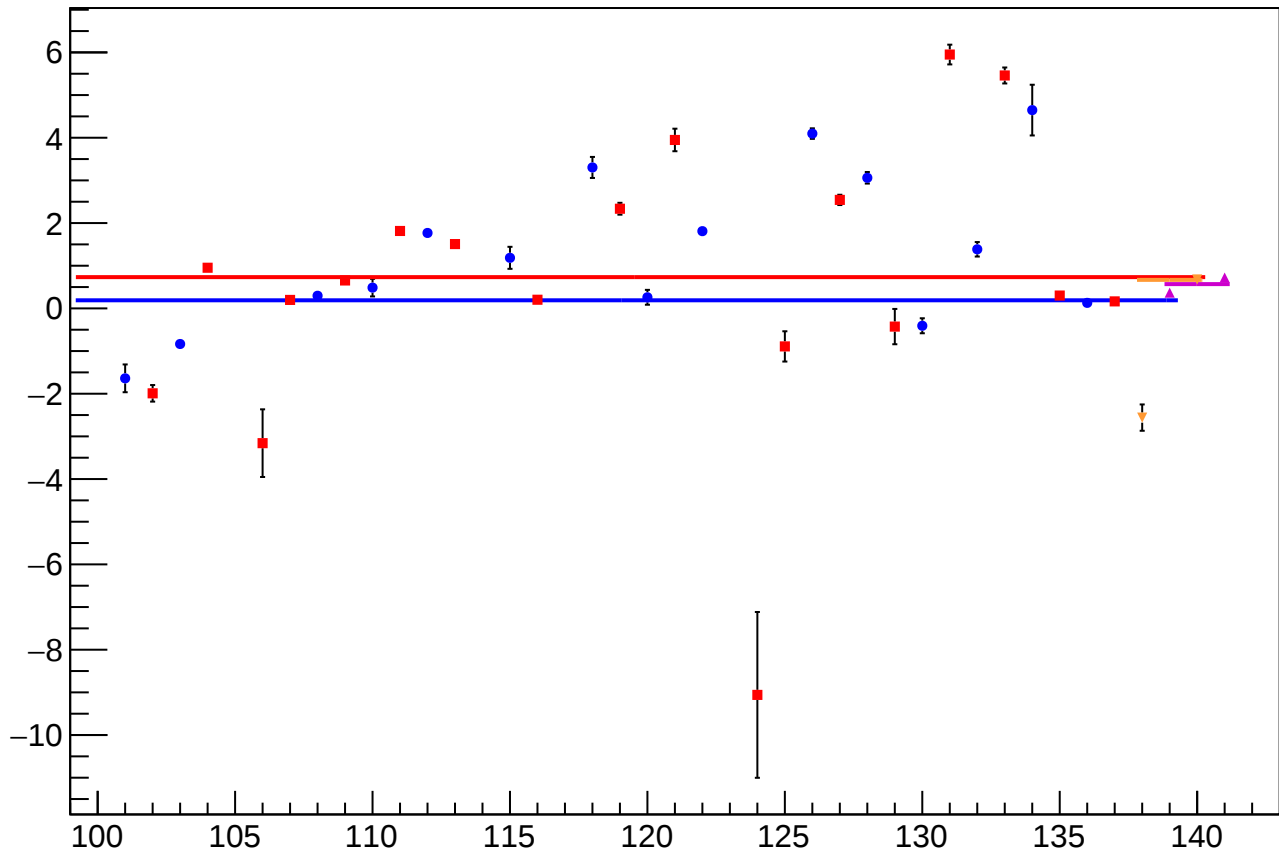
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -160.173 ± 0.093 χ^2/NDF : 270788.3/16

Out: -168.868 ± 0.099 χ^2/NDF : 309272.8/19

All: -164.243 ± 0.068 χ^2/NDF : 584150.5/36

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.669 $\pm$ 0.017 χ^2 /NDF:109.8/1

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: 0.586 $\pm$ 0.007 χ^2 /NDF: 667.4/3

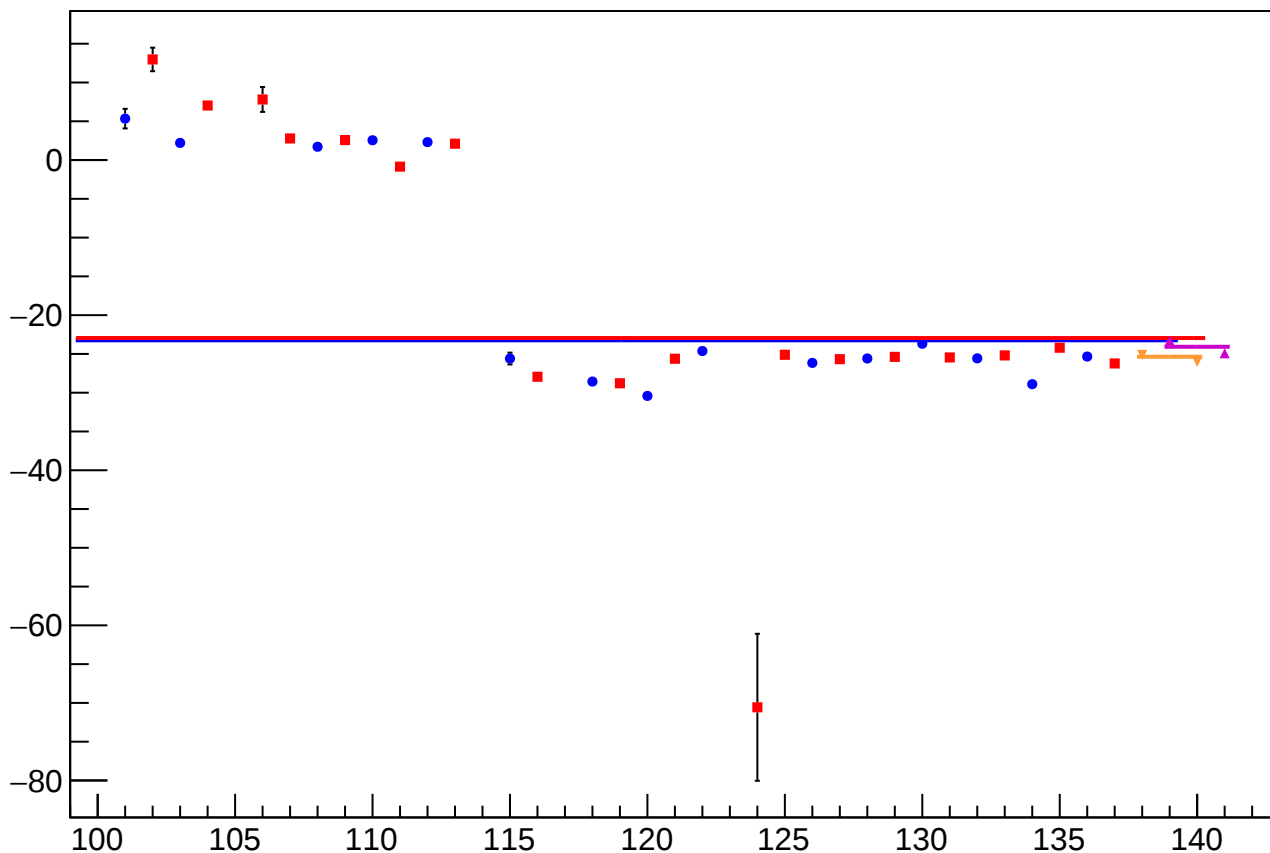
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.402 $\pm$ 0.006 χ^2 /NDF:4342.4/16

Out: 0.696 $\pm$ 0.013 χ^2 /NDF:2782.8/19

All: 0.451 $\pm$ 0.005 χ^2 /NDF: 7563.9/36

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241+/-0.025 χ^2/NDF : 103102.8/14

Left Out: -25.363+/-0.079 χ^2/NDF : 25.1/1

Right Out: -22.951+/-0.025 χ^2/NDF : 108039.1/17

Left In: -24.078+/-0.061 χ^2/NDF : 171.6/1

Left: -24.558+/-0.048 χ^2/NDF : 362.2/3

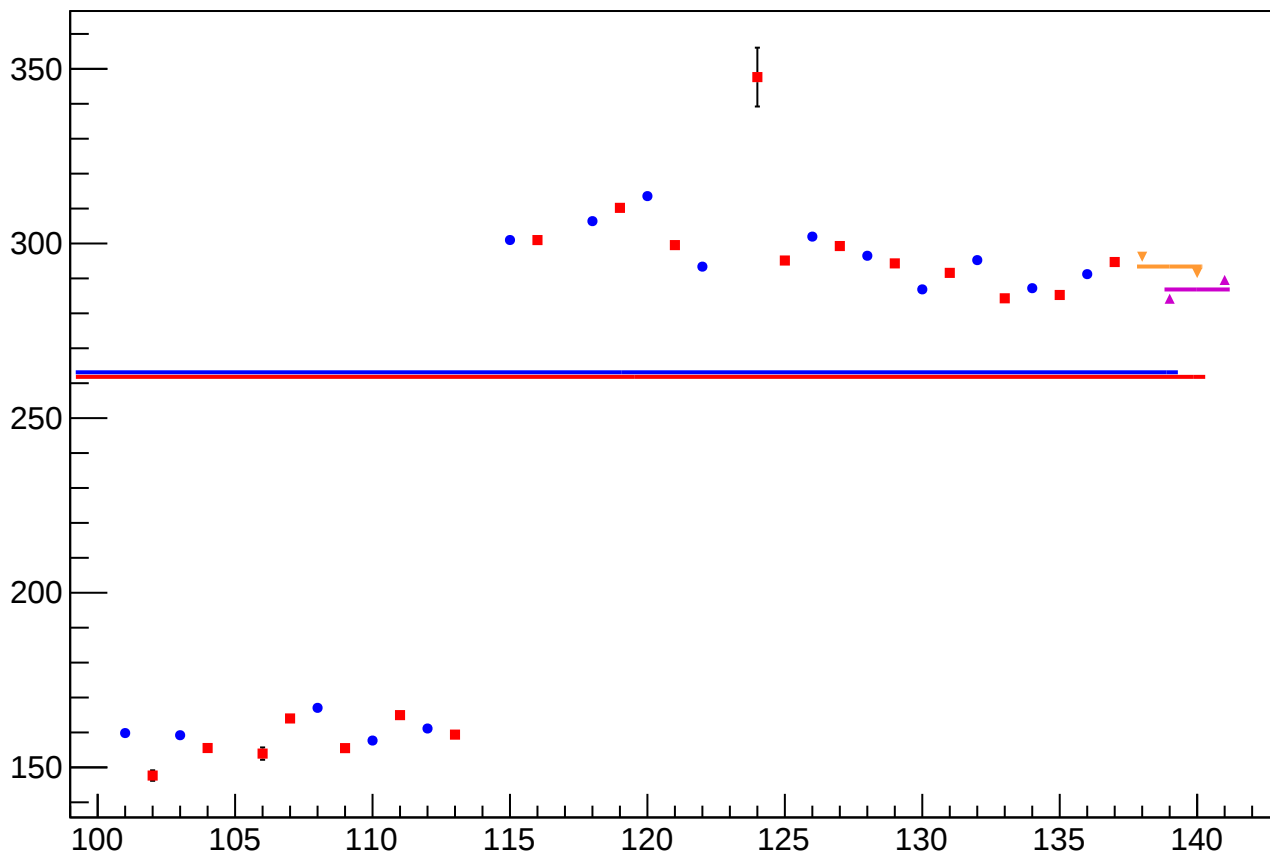
Right: -23.095+/-0.017 χ^2/NDF : 211210.7/32

In: -23.359+/-0.023 χ^2/NDF : 103435.6/16

Out: -23.165+/-0.024 χ^2/NDF : 108911.3/19

All: -23.265+/-0.016 χ^2/NDF : 212381.7/36

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 293.405+/-0.167 χ^2/NDF :187.0/1

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: 290.591+/-0.127 χ^2/NDF : 1039.1/3

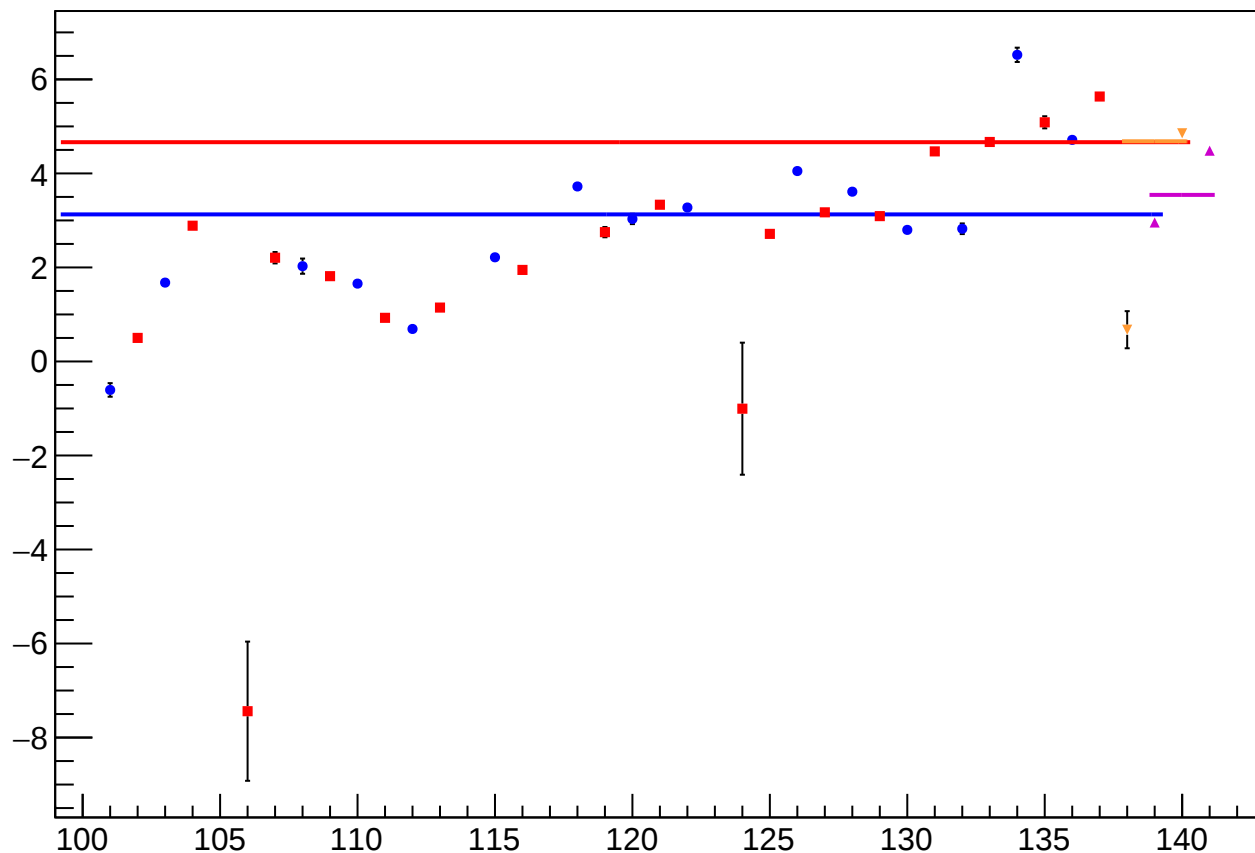
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 265.802+/-0.065 χ^2/NDF :706405.2/16

Out: 265.454+/-0.057 χ^2/NDF :1037857.5/19

All: 265.605+/-0.043 χ^2/NDF : 1744278.8/36

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 χ^2/NDF : 5667.8/14

Left Out: 4.683 ± 0.080 χ^2/NDF : 107.4/1

Right Out: 4.664 ± 0.006 χ^2/NDF : 66862.5/17

Left In: 3.543 ± 0.030 χ^2/NDF : 610.2/1

Left: 3.685 ± 0.028 χ^2/NDF : 896.8/3

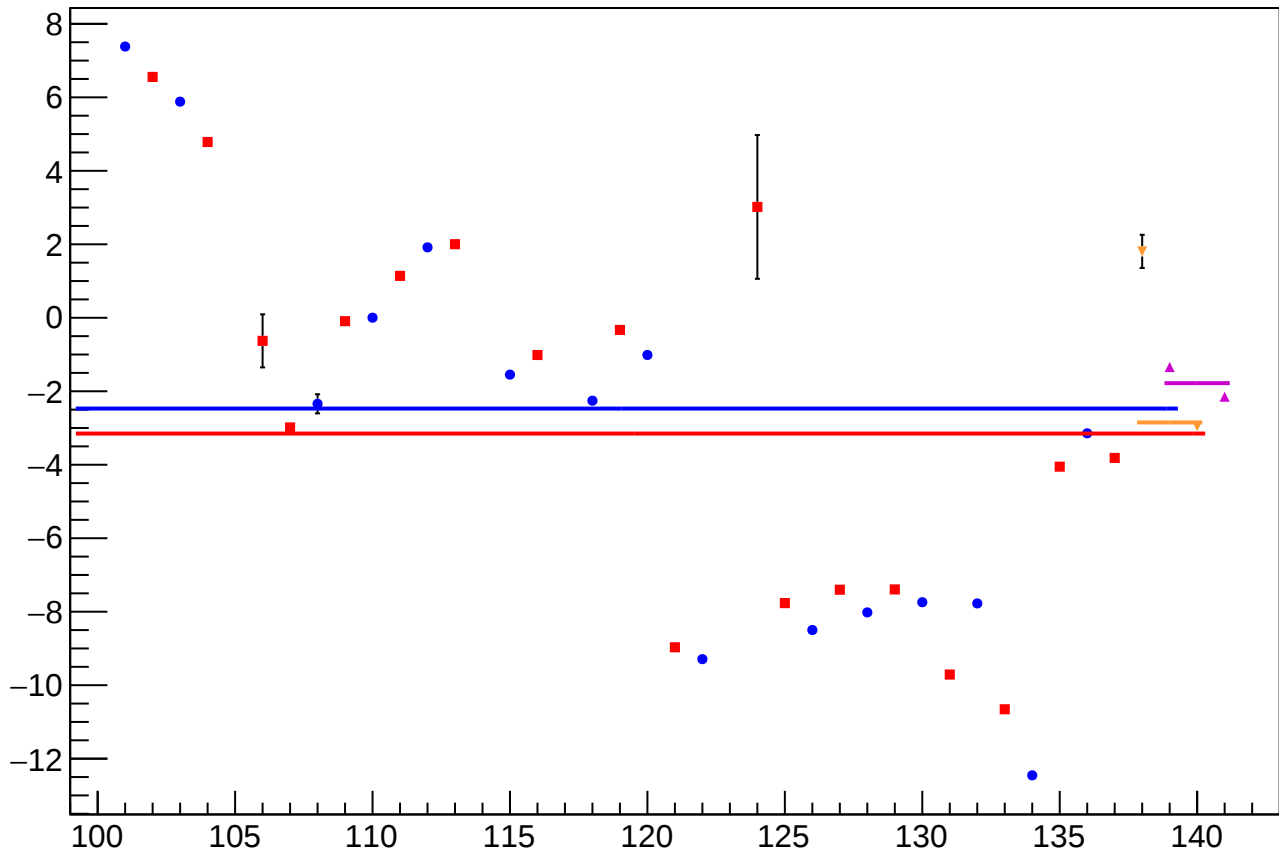
Right: 4.450 ± 0.006 χ^2/NDF : 80704.7/32

In: 3.218 ± 0.014 χ^2/NDF : 6427.2/16

Out: 4.664 ± 0.006 χ^2/NDF : 66970.0/19

All: 4.418 ± 0.006 χ^2/NDF : 82308.8/36

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: -2.848 ± 0.067 $\chi^2/\text{NDF}: 108.7/1$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: -1.779 ± 0.032 $\chi^2/\text{NDF}: 154.7/1$

Left: -1.980 ± 0.029 $\chi^2/\text{NDF}: 469.4/3$

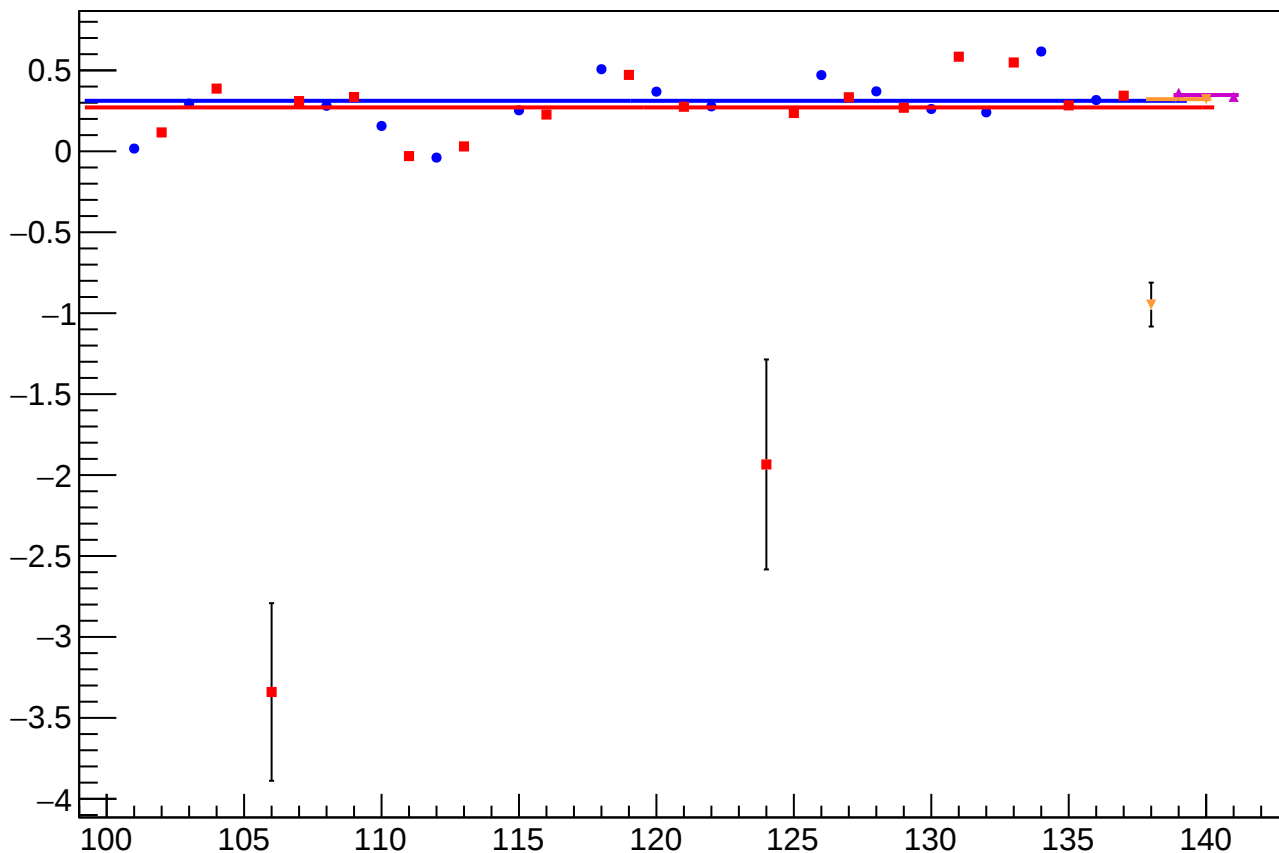
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -2.360 ± 0.013 $\chi^2/\text{NDF}: 243119.1/16$

Out: -3.147 ± 0.007 $\chi^2/\text{NDF}: 247556.5/19$

All: -2.954 ± 0.006 $\chi^2/\text{NDF}: 493468.4/36$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.322 $\pm$ 0.003 χ^2 /NDF:87.6/1

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: 0.332 $\pm$ 0.002 χ^2 /NDF: 125.1/3

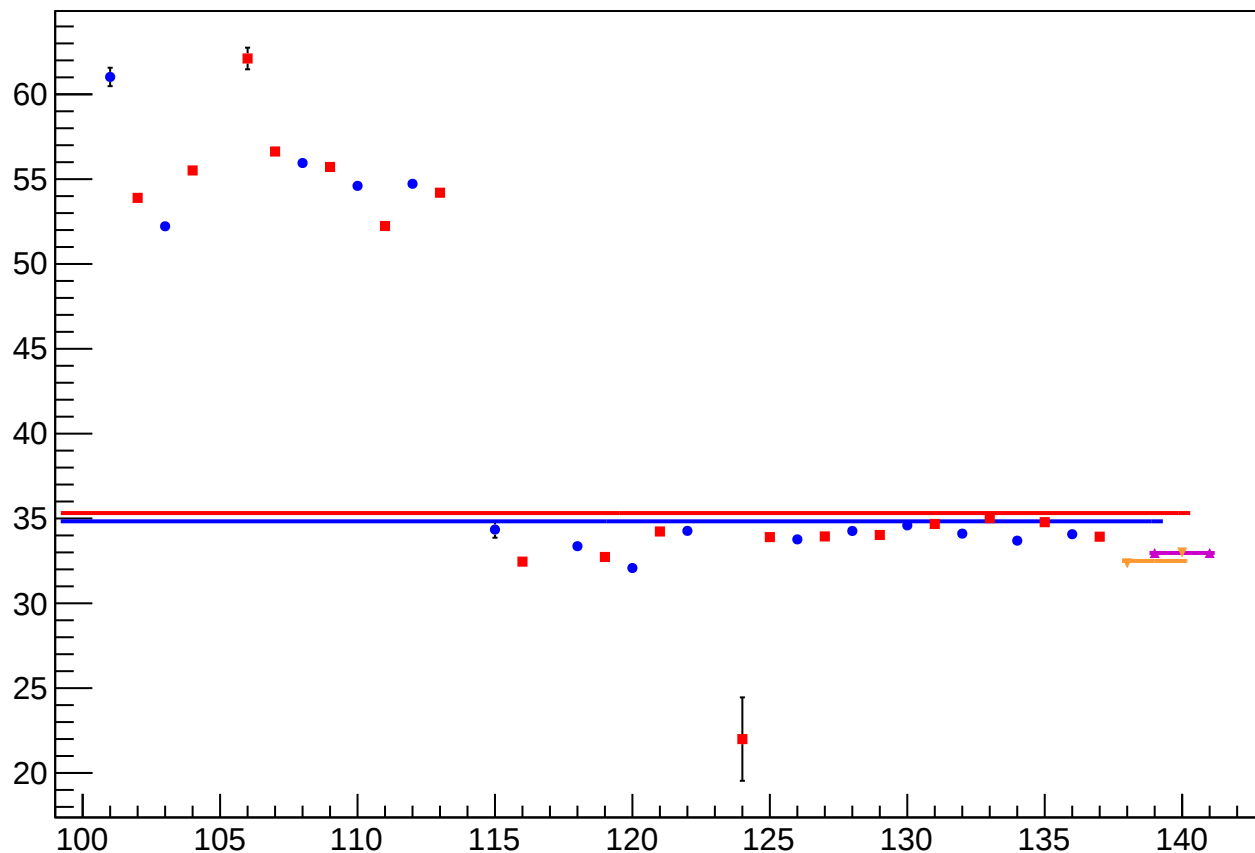
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.315 $\pm$ 0.001 χ^2 /NDF:1406.8/16

Out: 0.287 $\pm$ 0.002 χ^2 /NDF:6415.6/19

All: 0.306 $\pm$ 0.001 χ^2 /NDF: 7997.5/36

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.495 $\pm$ 0.023 χ^2 /NDF:129.6/1

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.966 $\pm$ 0.021 χ^2 /NDF:0.0/1

Left: 32.755 $\pm$ 0.016 χ^2 /NDF: 351.5/3

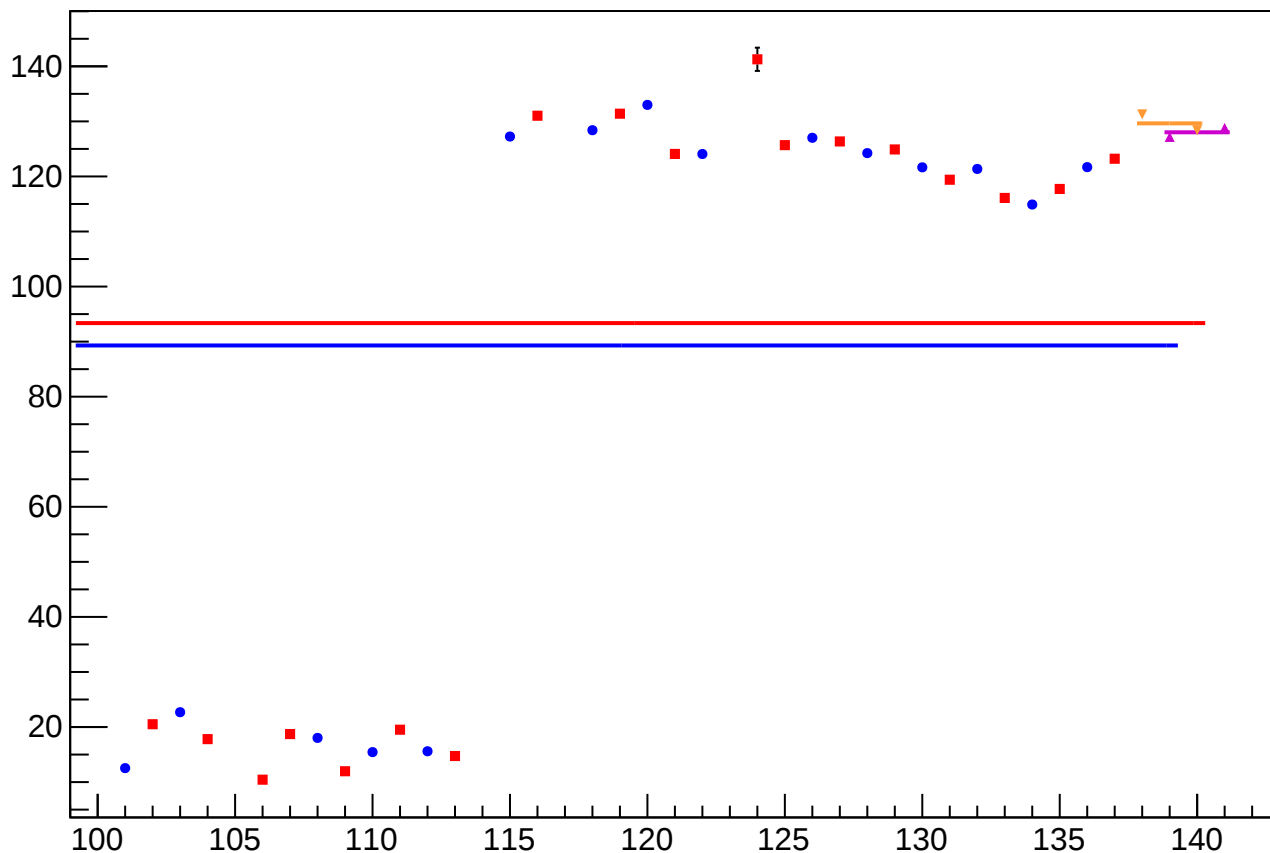
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 34.567 $\pm$ 0.008 χ^2 /NDF:252226.8/16

Out: 34.889 $\pm$ 0.009 χ^2 /NDF:273893.8/19

All: 34.706 $\pm$ 0.006 χ^2 /NDF: 526822.1/36

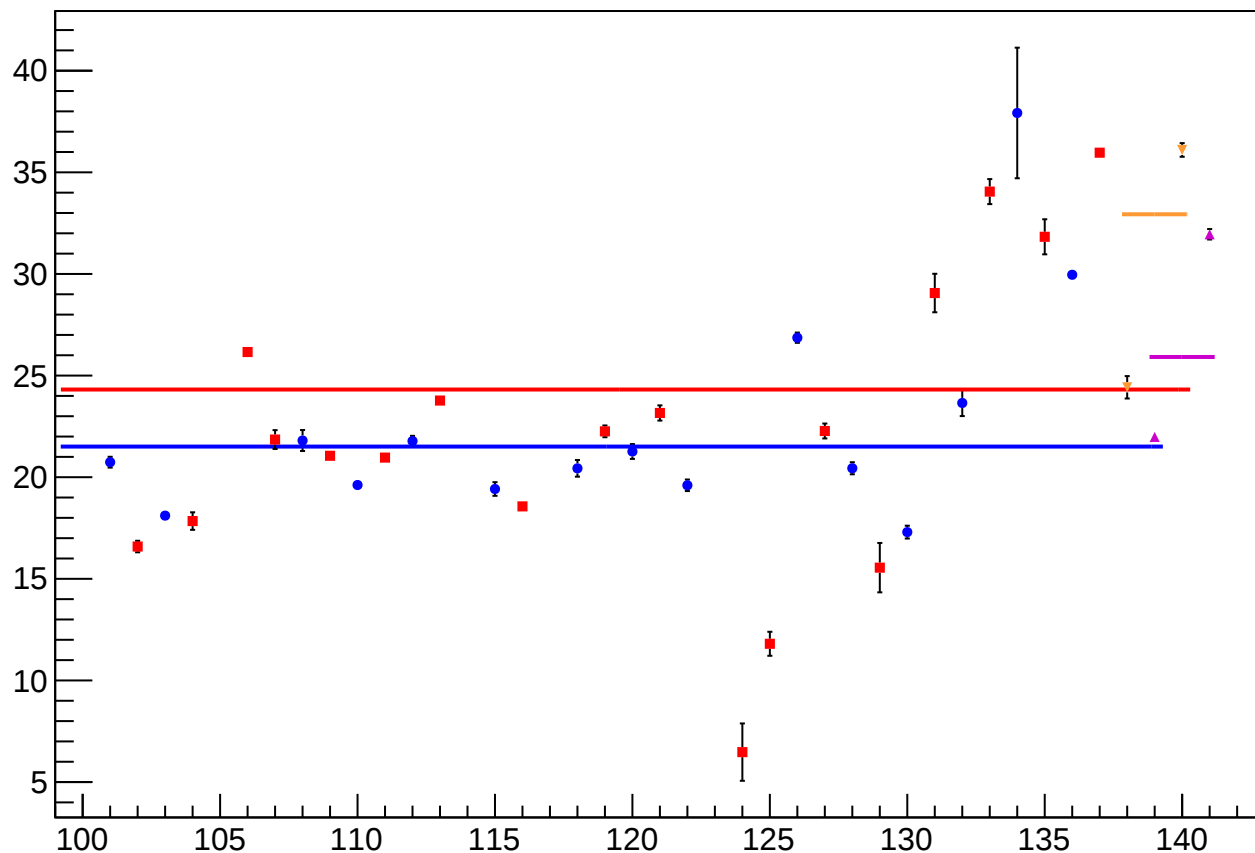
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302+/-0.027 χ^2/NDF : 3034485.1/14
 Left Out: 129.641+/-0.068 χ^2/NDF :444.3/1
 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: 128.826+/-0.048 χ^2/NDF : 876.0/3
 Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32
 In: 94.770+/-0.025 χ^2/NDF :3315841.3/16
 Out: 99.247+/-0.027 χ^2/NDF :3090864.4/19
 All: 96.841+/-0.019 χ^2/NDF : 6421047.8/36

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 32.936 $\pm$ 0.287 χ^2 /NDF:327.2/1

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 25.915 $\pm$ 0.162 χ^2 /NDF:910.7/1

Left: 27.605 $\pm$ 0.141 χ^2 /NDF: 1692.7/3

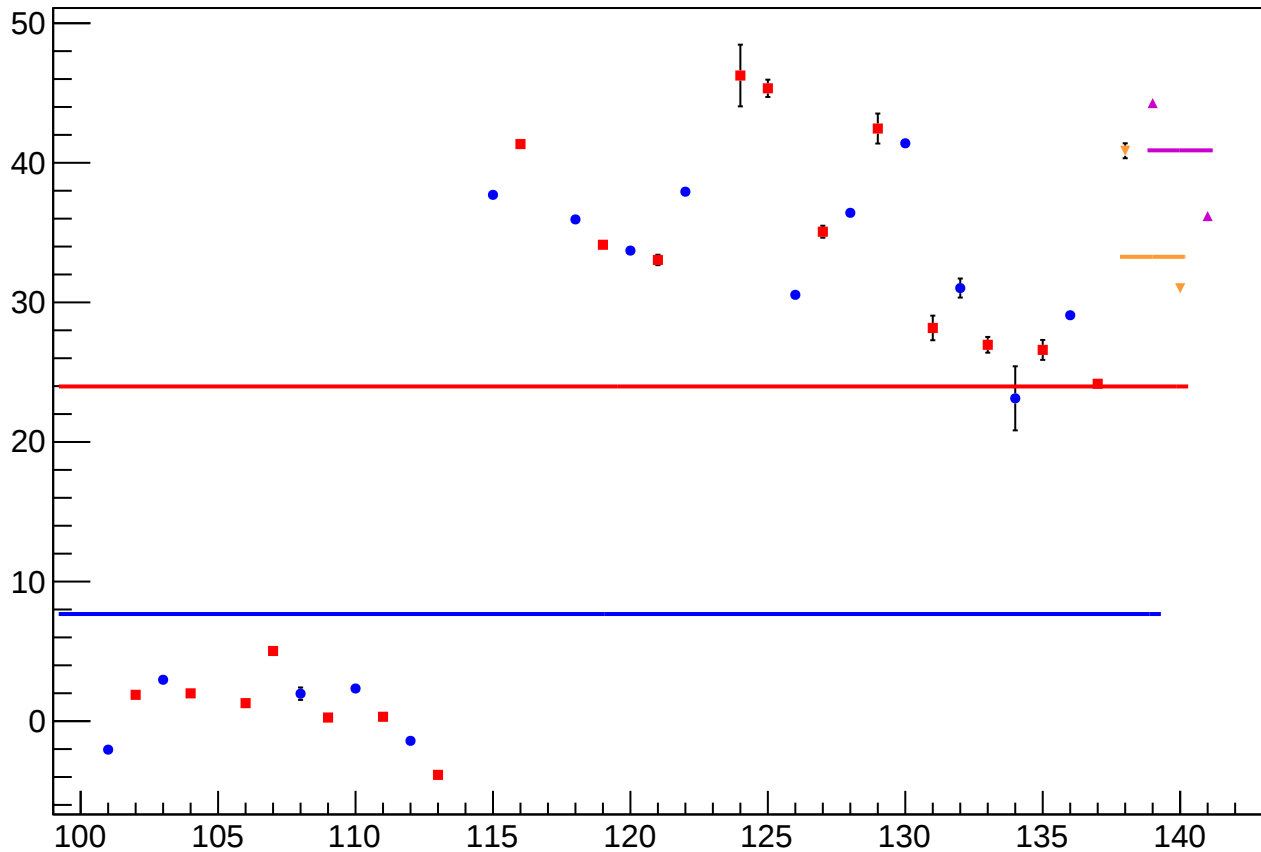
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 22.243 $\pm$ 0.066 χ^2 /NDF:4494.2/16

Out: 24.658 $\pm$ 0.057 χ^2 /NDF:15489.7/19

All: 23.620 $\pm$ 0.043 χ^2 /NDF: 20746.8/36

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 33.267 ± 0.256 $\chi^2/\text{NDF}: 261.0/1$

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: 39.285 ± 0.118 $\chi^2/\text{NDF}: 1871.5/3$

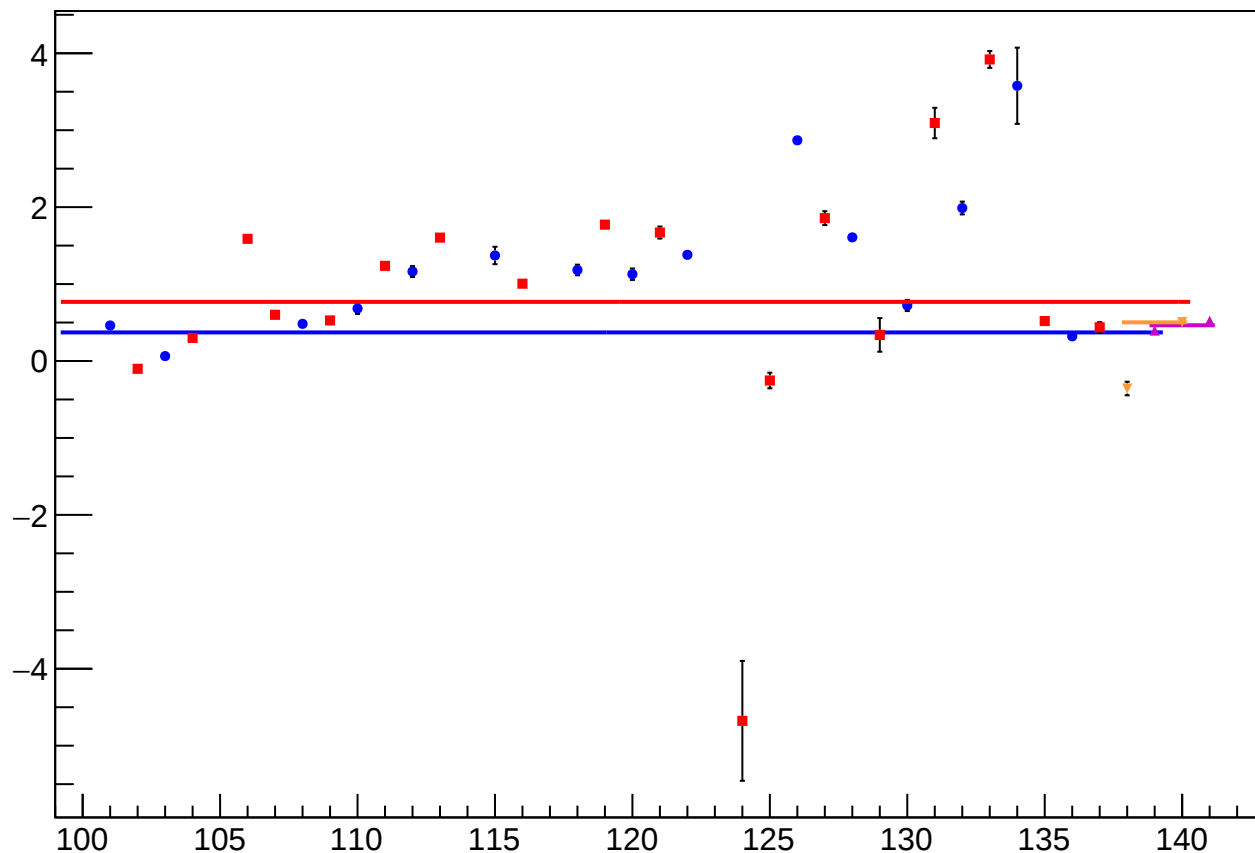
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 11.151 ± 0.043 $\chi^2/\text{NDF}: 153784.9/16$

Out: 23.987 ± 0.008 $\chi^2/\text{NDF}: 112139.0/19$

All: 23.535 ± 0.008 $\chi^2/\text{NDF}: 352683.2/36$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.503 $\pm$ 0.005 χ^2 /NDF:95.2/1

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: 0.477 $\pm$ 0.003 χ^2 /NDF: 502.4/3

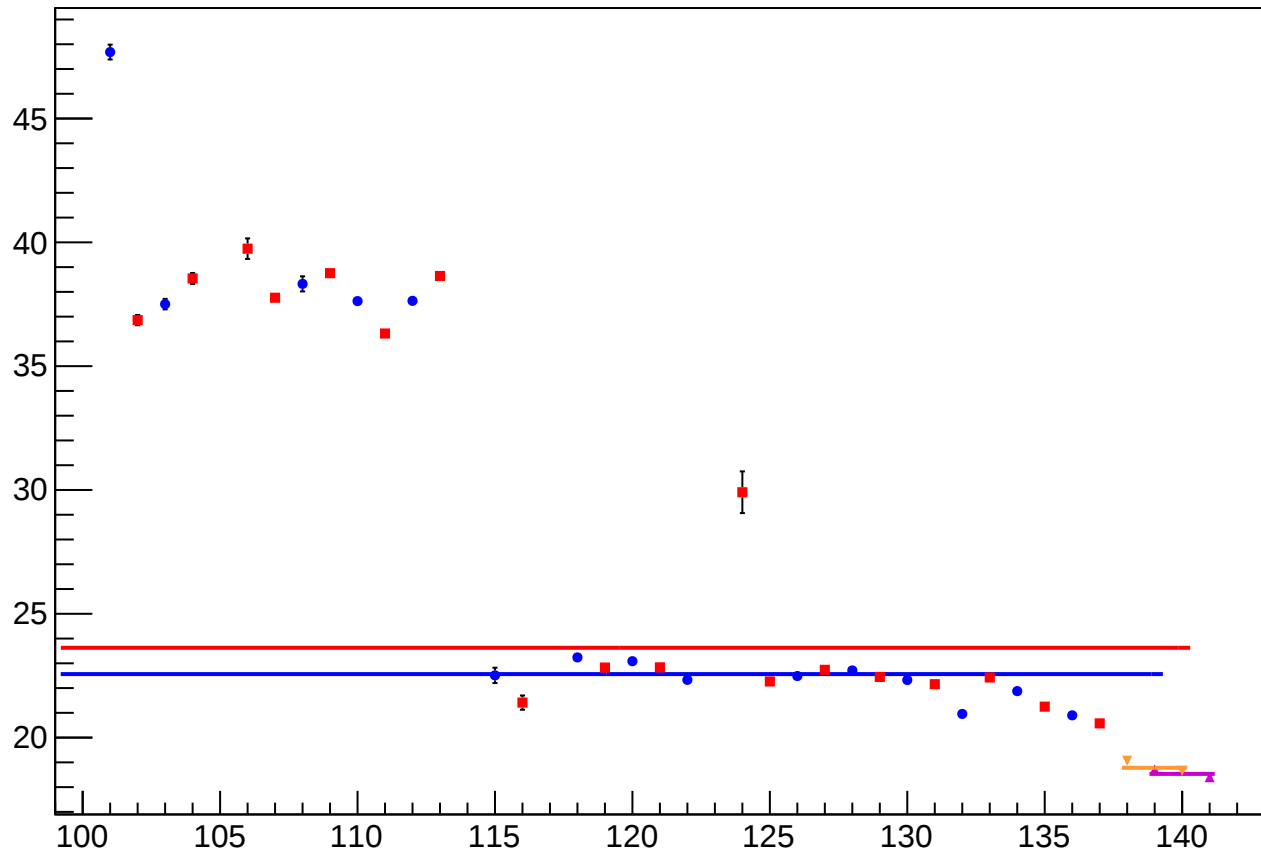
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.430 $\pm$ 0.003 χ^2 /NDF:5399.3/16

Out: 0.586 $\pm$ 0.004 χ^2 /NDF:5243.0/19

All: 0.480 $\pm$ 0.002 χ^2 /NDF: 11742.6/36

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 18.781+/-0.022 χ^2/NDF : 71.0/1

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 18.534+/-0.019 χ^2/NDF : 64.1/1

Left: 18.640+/-0.015 χ^2/NDF : 205.8/3

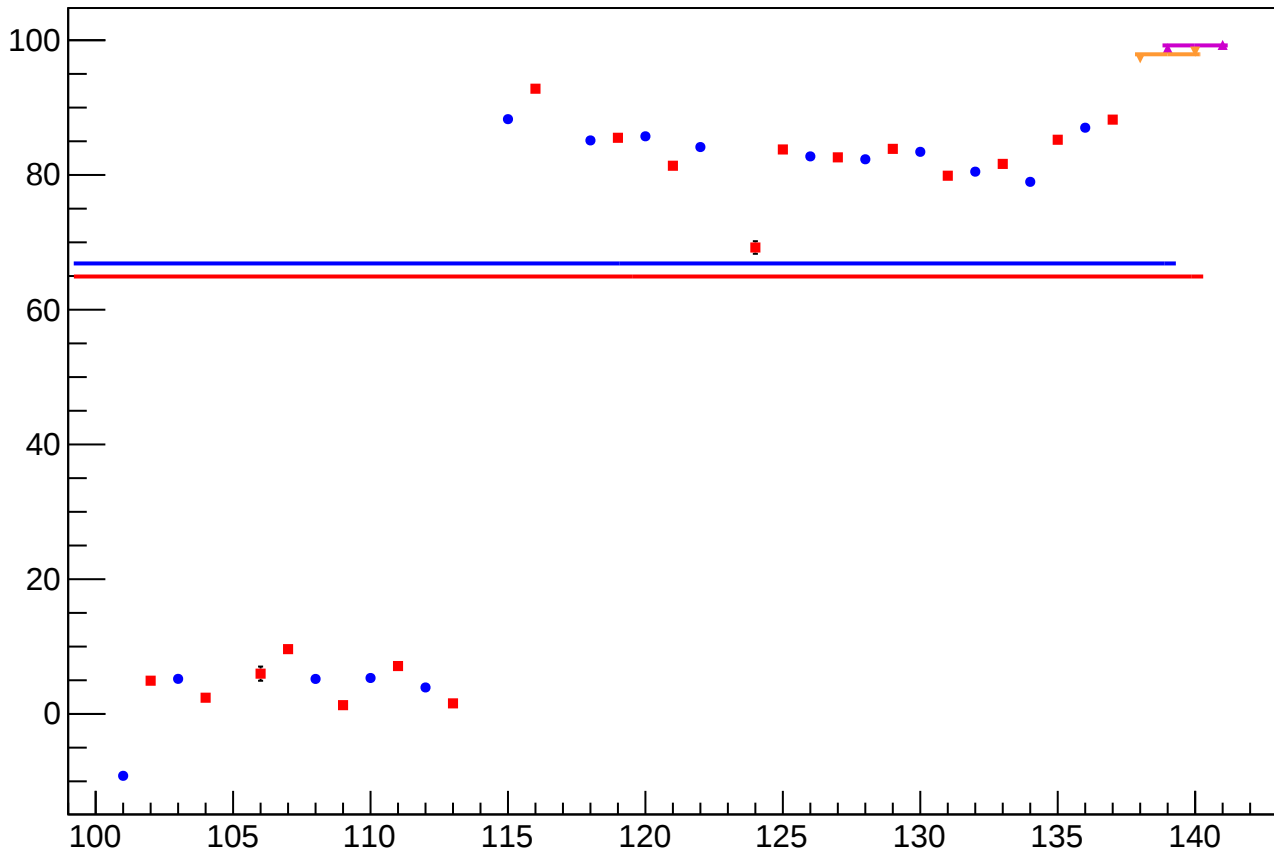
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 21.687+/-0.009 χ^2/NDF : 127095.6/16

Out: 22.640+/-0.010 χ^2/NDF : 161253.5/19

All: 22.113+/-0.007 χ^2/NDF : 293353.8/36

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 97.911 $\pm$ 0.042 χ^2 /NDF:134.9/1

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 99.229 $\pm$ 0.033 χ^2 /NDF:30.6/1

Left: 98.732 $\pm$ 0.026 χ^2 /NDF: 779.1/3

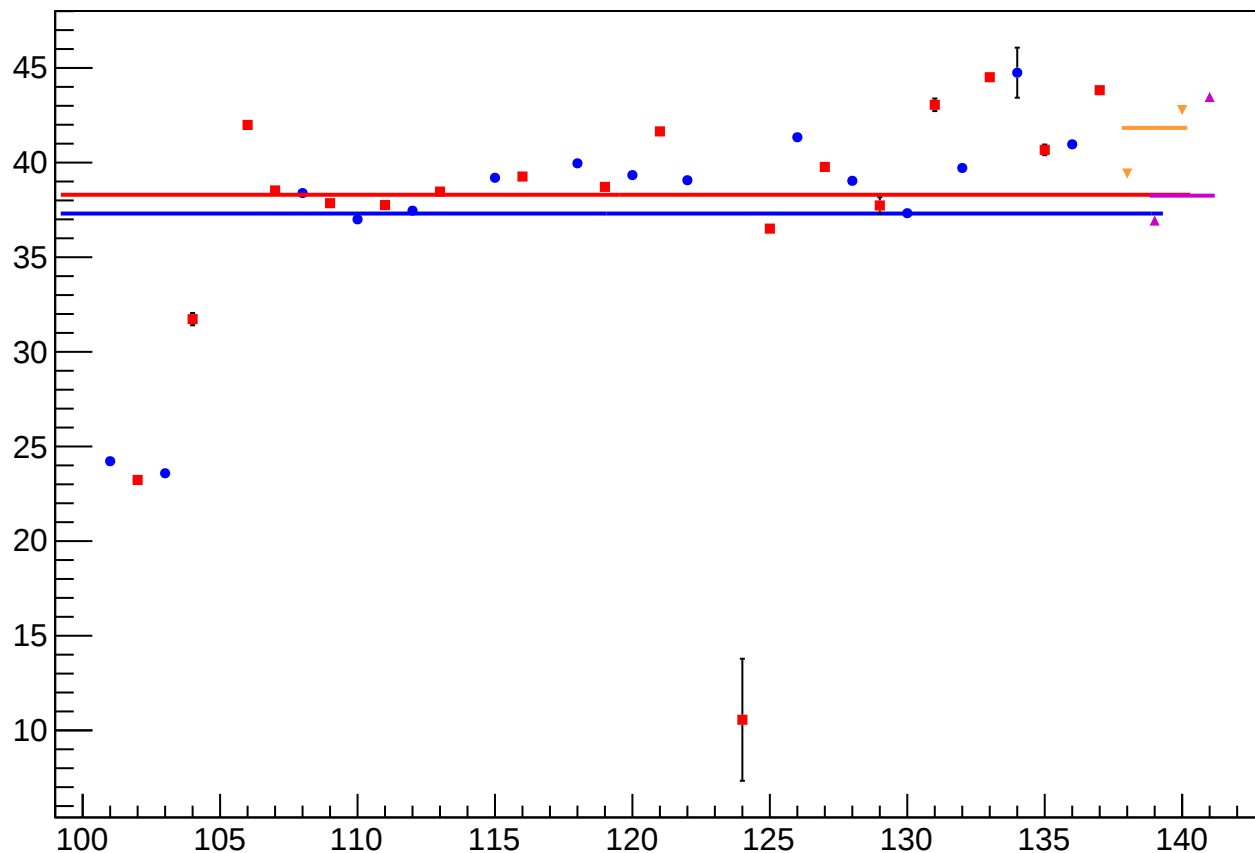
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 80.027 $\pm$ 0.021 χ^2 /NDF:2075892.1/16

Out: 75.937 $\pm$ 0.024 χ^2 /NDF:1745567.5/19

All: 78.291 $\pm$ 0.016 χ^2 /NDF: 3837803.8/36

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 41.833 ± 0.127 $\chi^2/\text{NDF}: 141.8/1$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.254 ± 0.062 $\chi^2/\text{NDF}: 1803.7/1$

Left: 38.939 ± 0.055 $\chi^2/\text{NDF}: 2591.0/3$

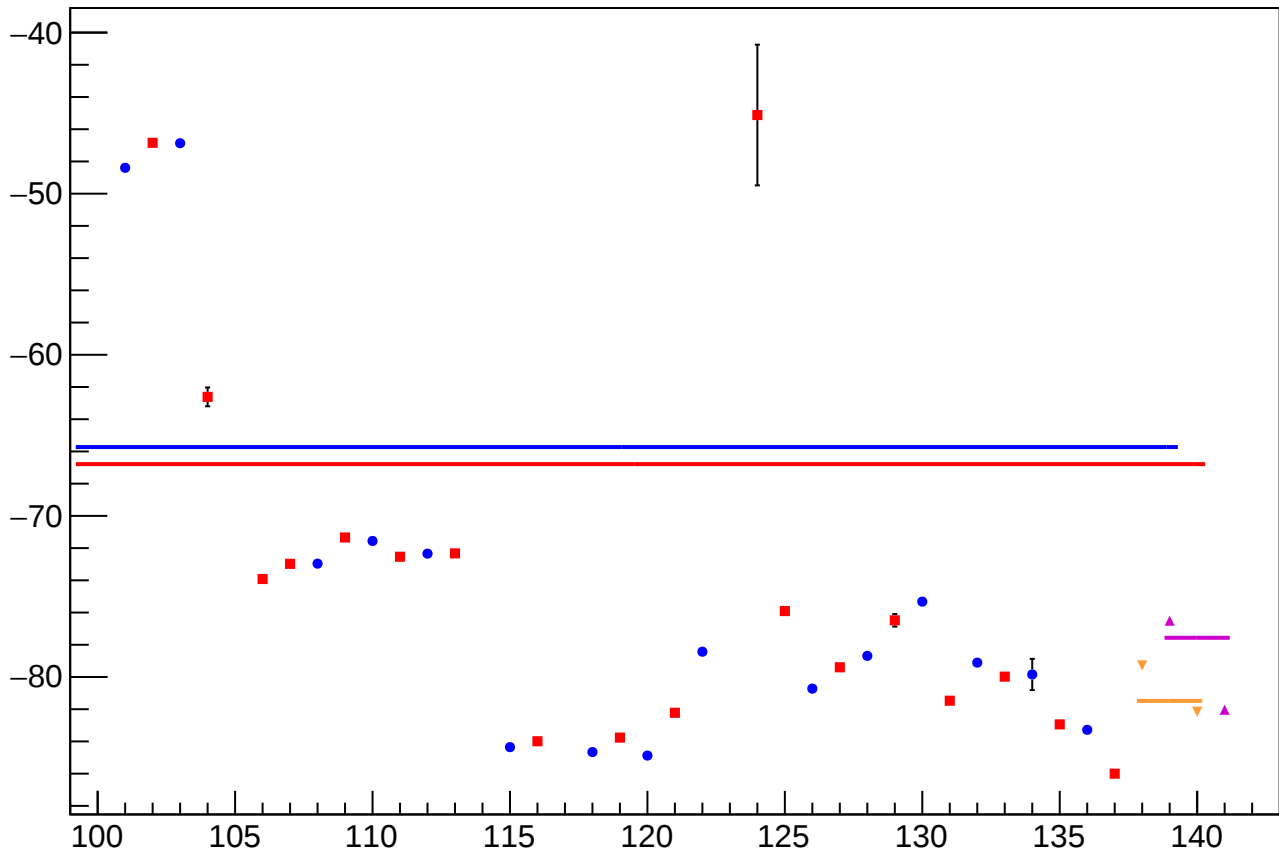
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.424 ± 0.022 $\chi^2/\text{NDF}: 61590.0/16$

Out: 38.390 ± 0.020 $\chi^2/\text{NDF}: 19740.0/19$

All: 37.939 ± 0.015 $\chi^2/\text{NDF}: 82393.7/36$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -81.484 ± 0.106 $\chi^2/\text{NDF}: 131.7/1$

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: -78.241 ± 0.044 $\chi^2/\text{NDF}: 3288.4/3$

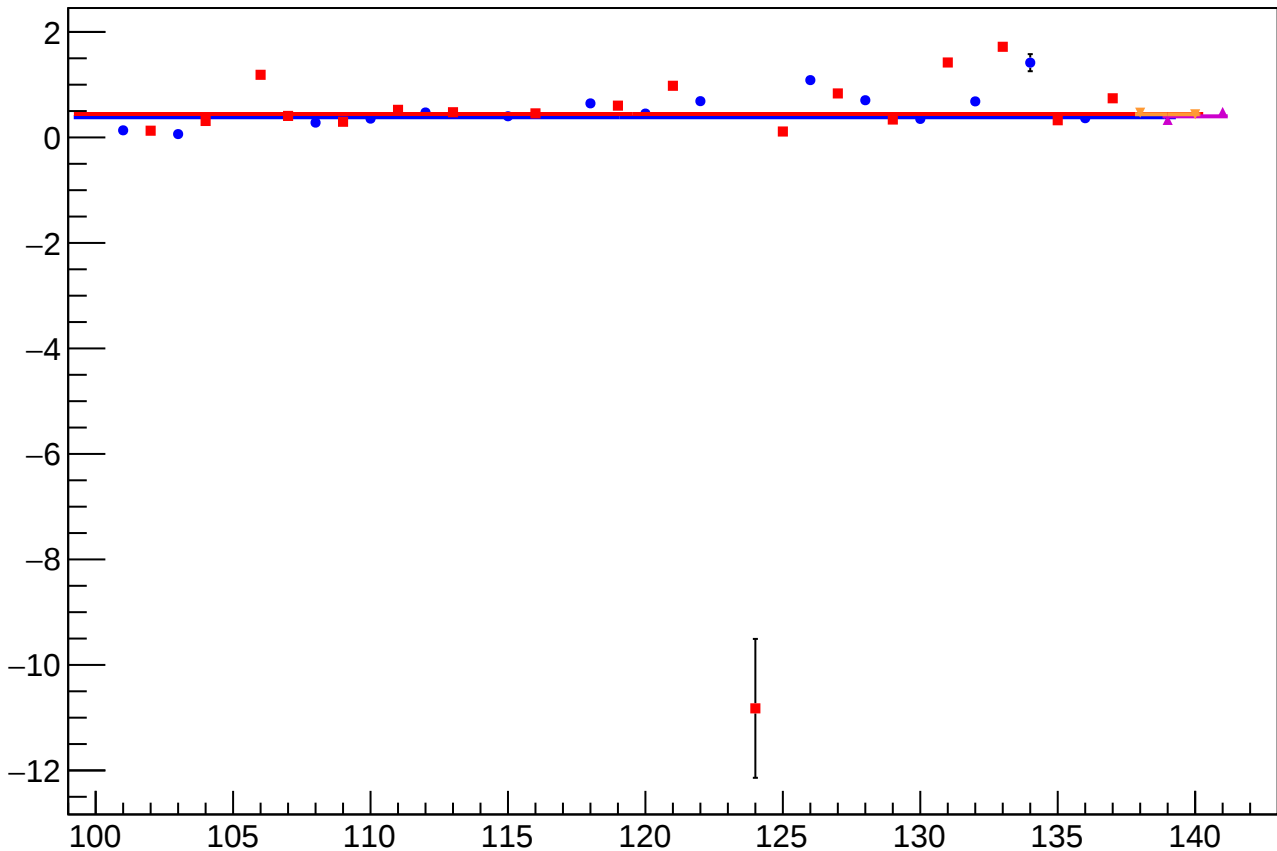
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -67.009 ± 0.016 $\chi^2/\text{NDF}: 958507.0/16$

Out: -67.108 ± 0.016 $\chi^2/\text{NDF}: 828286.4/19$

All: -67.059 ± 0.011 $\chi^2/\text{NDF}: 1786813.1/36$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383+/-0.002 χ^2/NDF : 8173.1/14

Left Out: 0.439+/-0.003 χ^2/NDF : 4.5/1

Right Out: 0.444+/-0.004 χ^2/NDF : 2786.2/17

Left In: 0.400+/-0.002 χ^2/NDF : 1799.8/1

Left: 0.412+/-0.001 χ^2/NDF : 1952.8/3

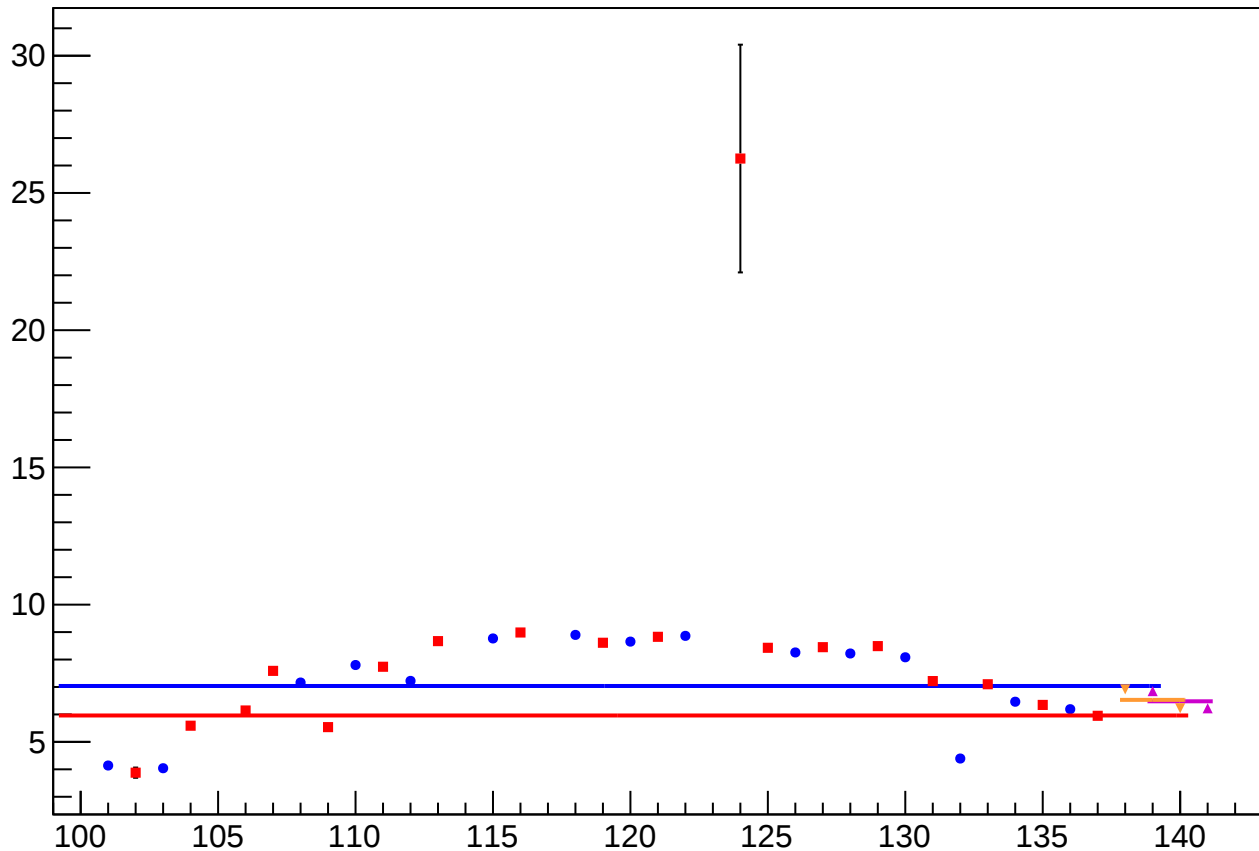
Right: 0.395+/-0.002 χ^2/NDF : 11182.8/32

In: 0.392+/-0.001 χ^2/NDF : 10018.4/16

Out: 0.441+/-0.002 χ^2/NDF : 2791.8/19

All: 0.405+/-0.001 χ^2/NDF : 13189.5/36

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 $\chi^2/\text{NDF}: 69905.1/14$

Left Out: 6.530 ± 0.008 $\chi^2/\text{NDF}: 2038.6/1$

Right Out: 5.962 ± 0.000 $\chi^2/\text{NDF}: 168372.8/17$

Left In: 6.478 ± 0.006 $\chi^2/\text{NDF}: 2652.5/1$

Left: 6.498 ± 0.005 $\chi^2/\text{NDF}: 4720.1/3$

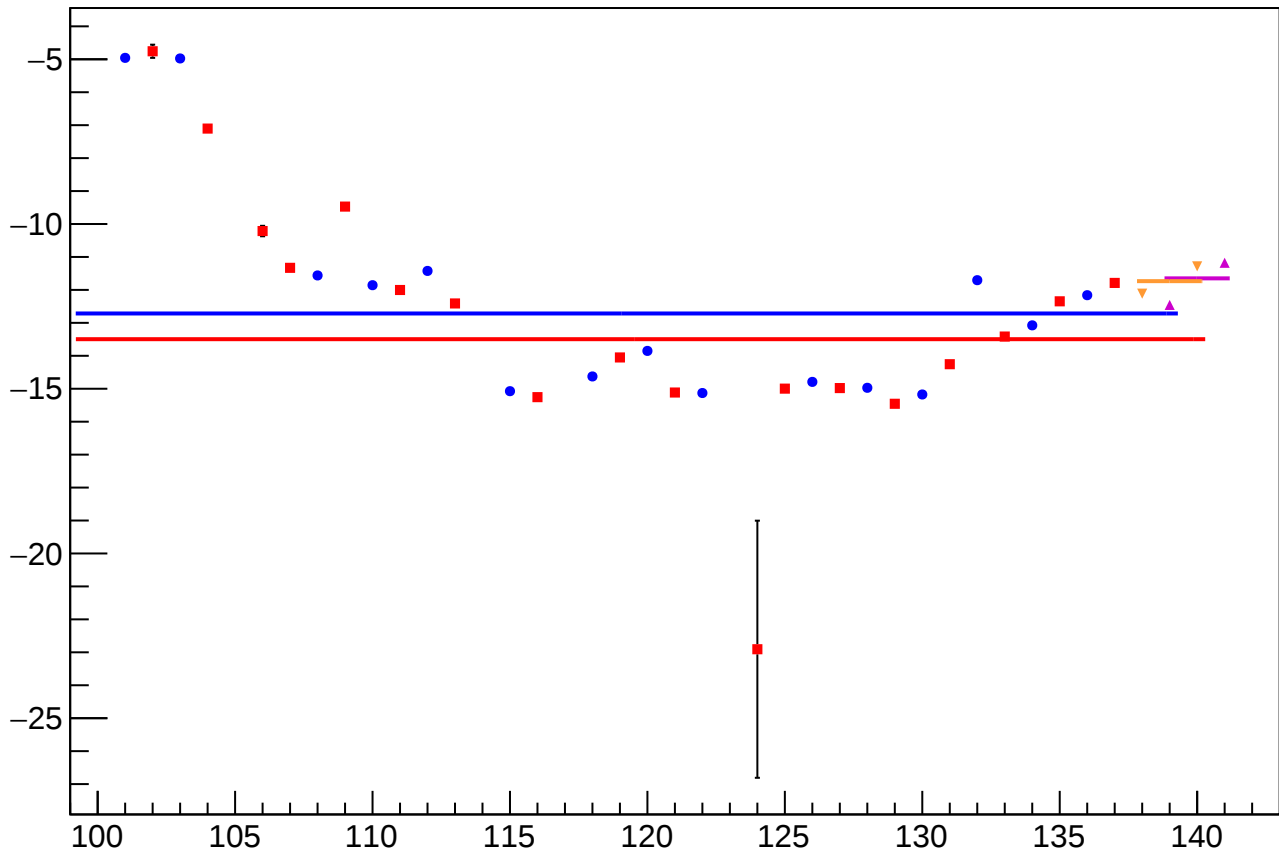
Right: 5.970 ± 0.000 $\chi^2/\text{NDF}: 294275.6/32$

In: 6.833 ± 0.004 $\chi^2/\text{NDF}: 78110.4/16$

Out: 5.963 ± 0.000 $\chi^2/\text{NDF}: 176010.6/19$

All: 5.974 ± 0.000 $\chi^2/\text{NDF}: 311564.9/36$

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.734 ± 0.009 $\chi^2/\text{NDF}: 2126.1/1$

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: -11.700 ± 0.007 $\chi^2/\text{NDF}: 5391.7/3$

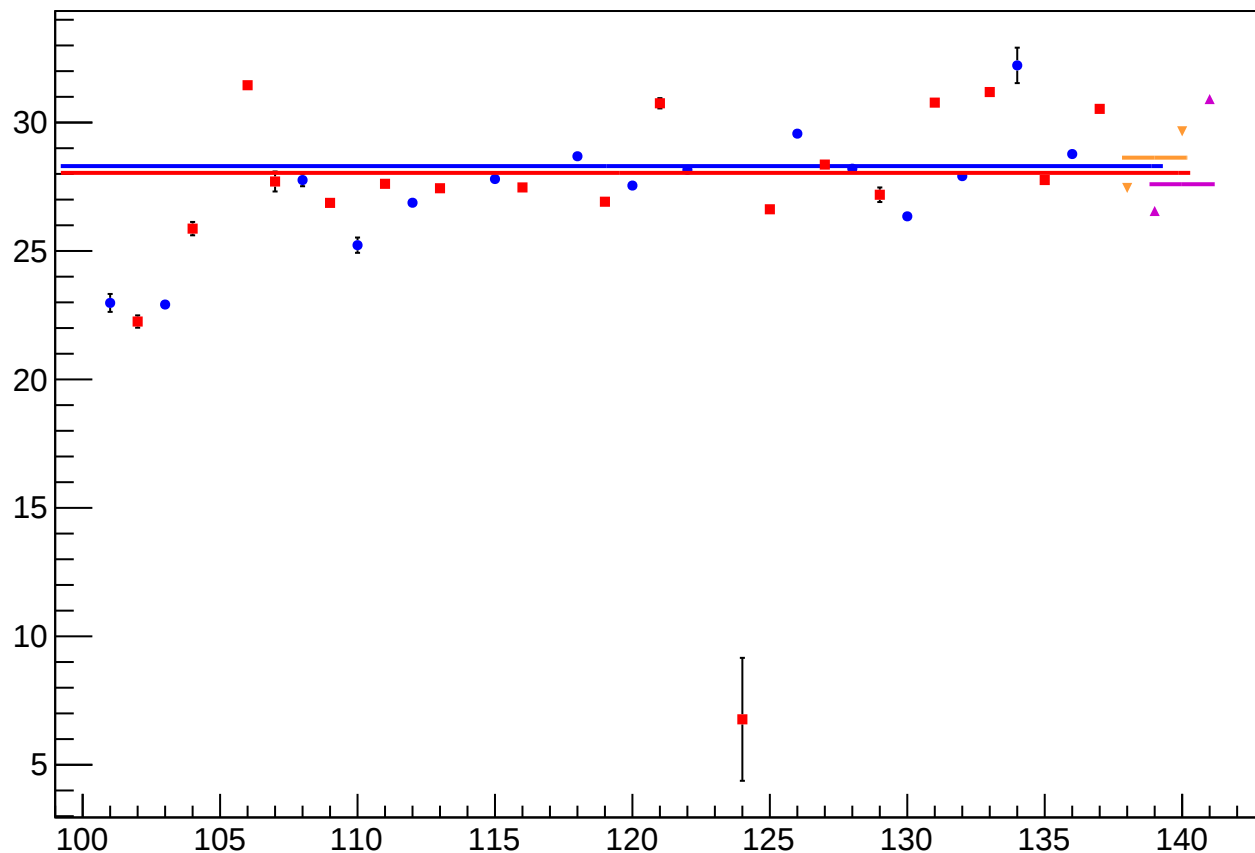
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -12.442 ± 0.006 $\chi^2/\text{NDF}: 95601.0/16$

Out: -12.974 ± 0.005 $\chi^2/\text{NDF}: 85108.9/19$

All: -12.740 ± 0.004 $\chi^2/\text{NDF}: 185938.7/36$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.632 $\pm$ 0.081 χ^2 /NDF:183.2/1

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 27.598 $\pm$ 0.047 χ^2 /NDF:1584.7/1

Left: 27.855 $\pm$ 0.040 χ^2 /NDF: 1889.7/3

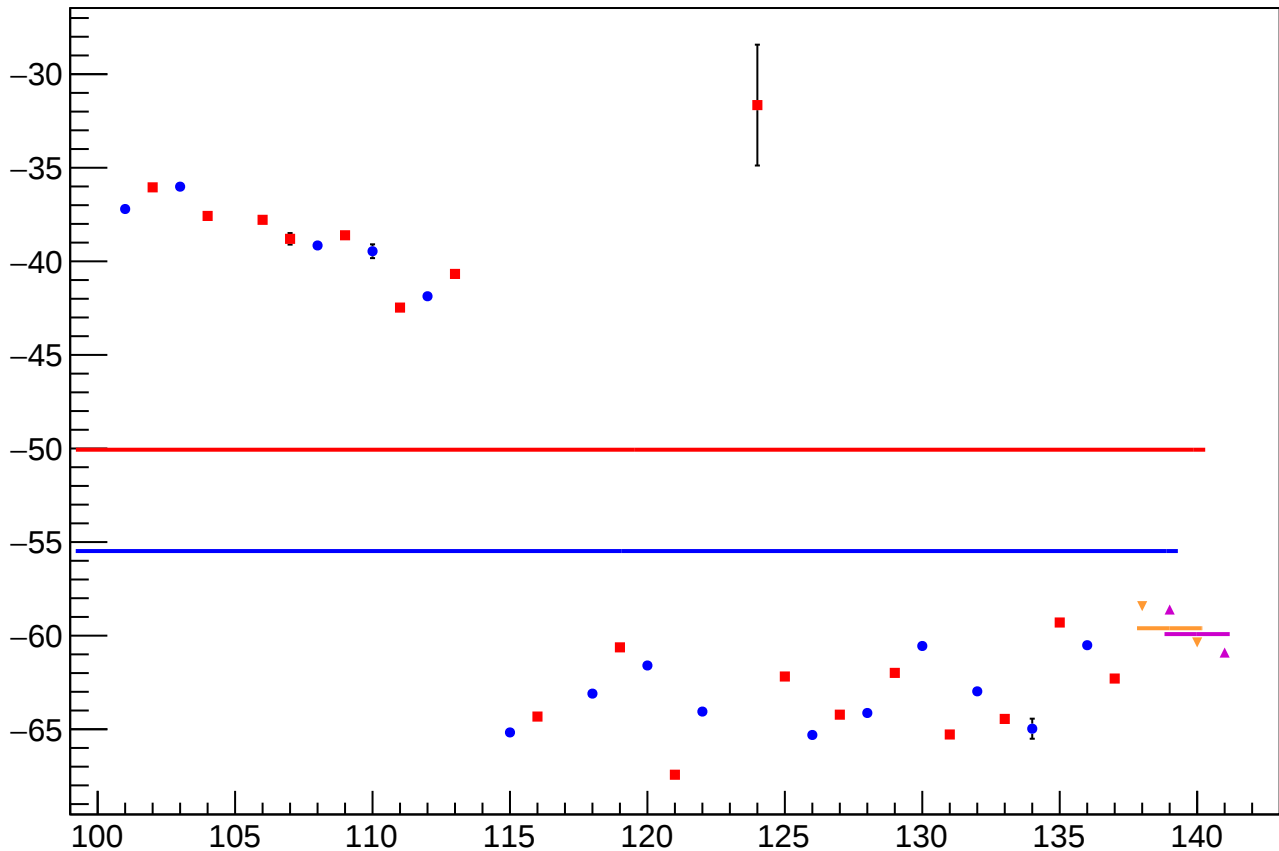
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.165 $\pm$ 0.021 χ^2 /NDF:5168.3/16

Out: 28.112 $\pm$ 0.028 χ^2 /NDF:2791.4/19

All: 28.147 $\pm$ 0.017 χ^2 /NDF: 7962.0/36

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -59.604 ± 0.070 $\chi^2/\text{NDF}: 182.6/1$

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: -59.790 ± 0.045 $\chi^2/\text{NDF}: 583.6/3$

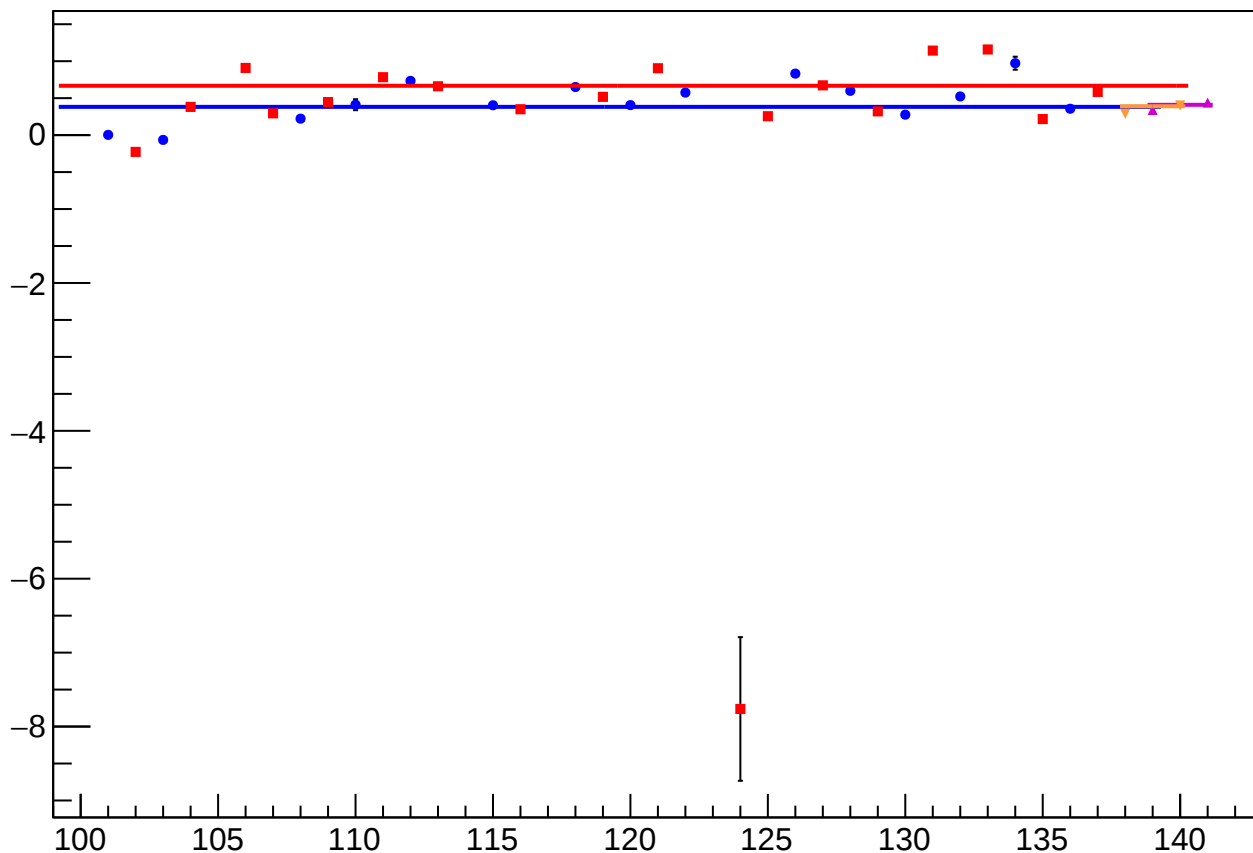
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -55.817 ± 0.016 $\chi^2/\text{NDF}: 600988.3/16$

Out: -51.005 ± 0.022 $\chi^2/\text{NDF}: 357046.6/19$

All: -54.159 ± 0.013 $\chi^2/\text{NDF}: 989516.2/36$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.390 ± 0.003 χ^2/NDF : 167.7/1

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.410 ± 0.002 χ^2/NDF : 898.1/1

Left: 0.405 ± 0.001 χ^2/NDF : 1108.7/3

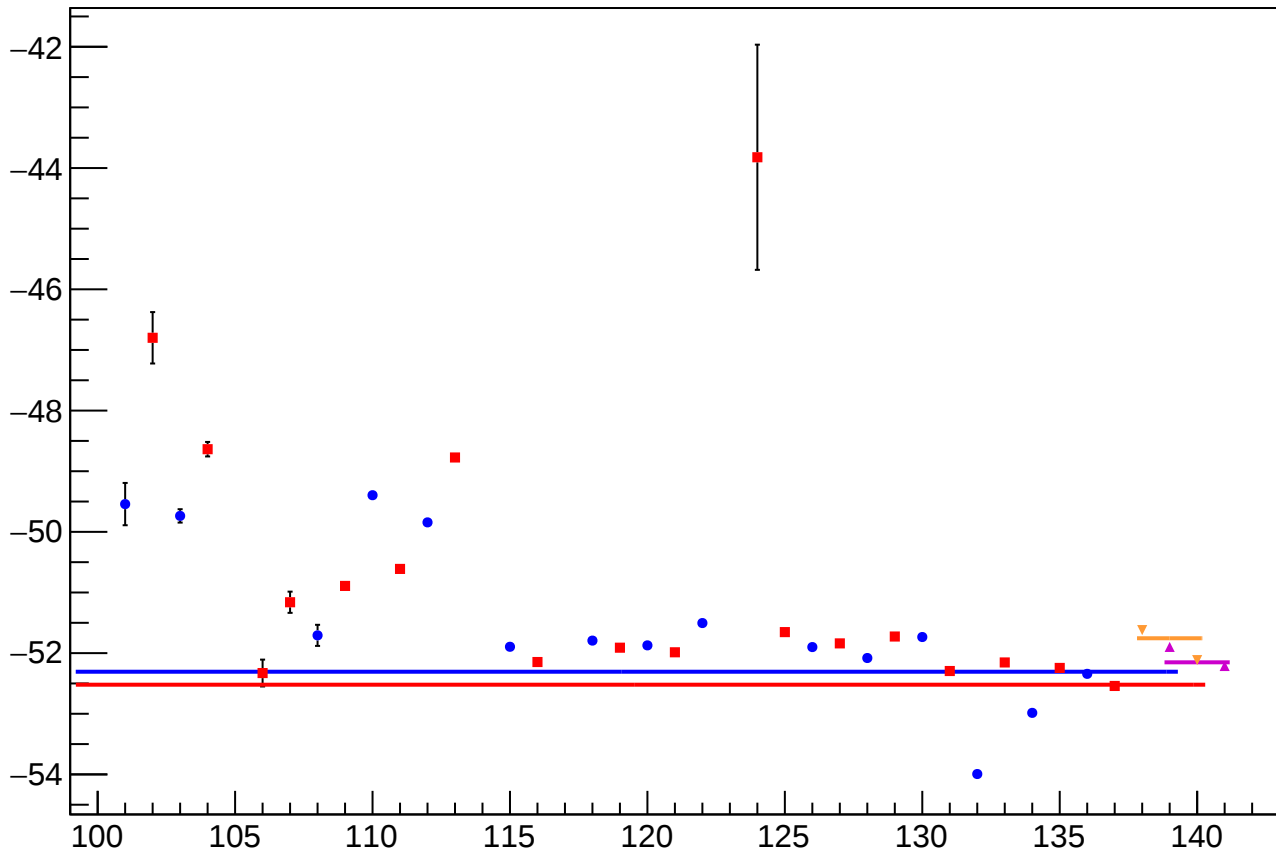
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.397 ± 0.001 χ^2/NDF : 5649.2/16

Out: 0.456 ± 0.002 χ^2/NDF : 6631.8/19

All: 0.408 ± 0.001 χ^2/NDF : 12847.5/36

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -51.755 $\pm$ 0.008 χ^2 /NDF: 693.0/1

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -52.152 $\pm$ 0.005 χ^2 /NDF: 570.0/1

Left: -52.041 $\pm$ 0.004 χ^2 /NDF: 2885.8/3

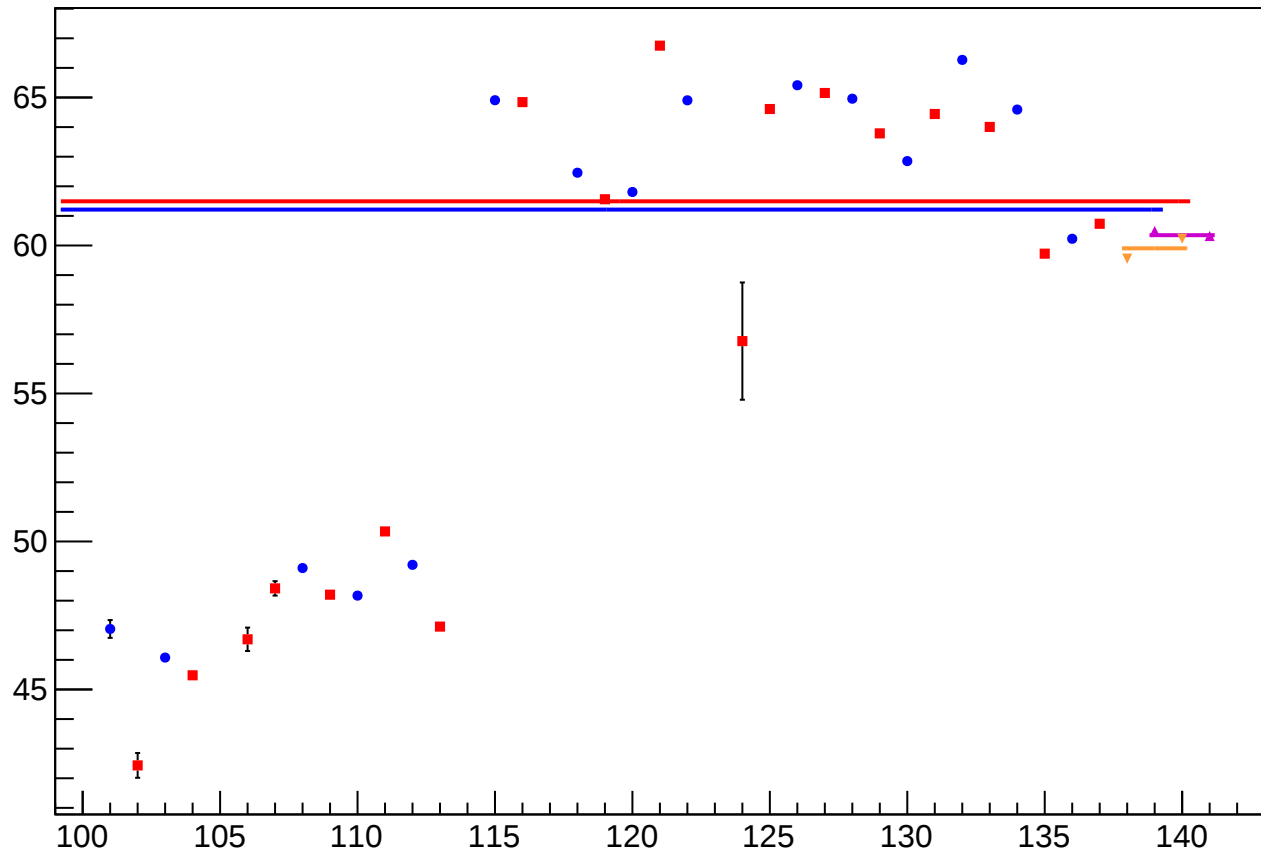
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -52.251 $\pm$ 0.003 χ^2 /NDF: 26569.6/16

Out: -52.508 $\pm$ 0.001 χ^2 /NDF: 23888.4/19

All: -52.479 $\pm$ 0.001 χ^2 /NDF: 56515.1/36

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 59.904 ± 0.014 $\chi^2/\text{NDF}: 578.5/1$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 60.348 ± 0.024 $\chi^2/\text{NDF}: 6.6/1$

Left: 60.014 ± 0.012 $\chi^2/\text{NDF}: 833.6/3$

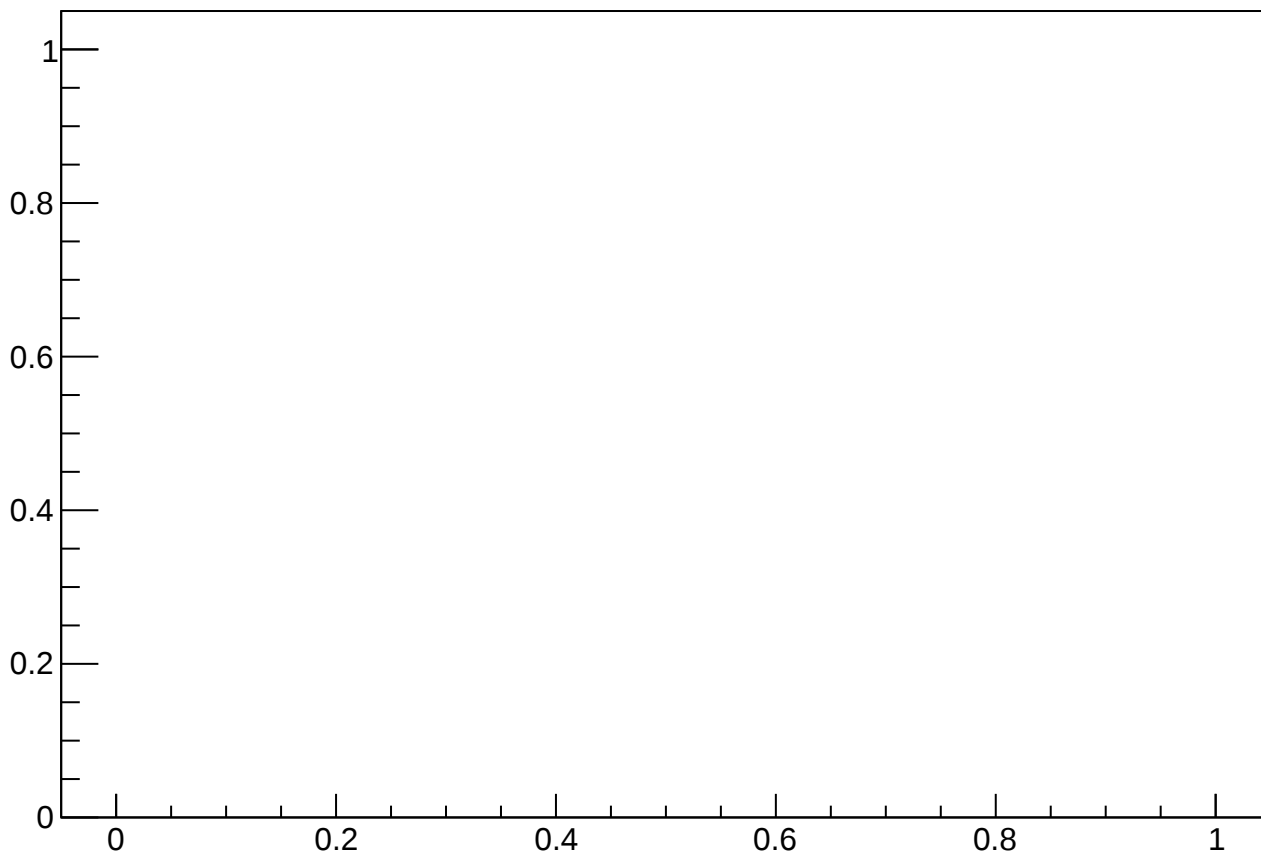
Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 61.090 ± 0.009 $\chi^2/\text{NDF}: 157706.1/16$

Out: 61.196 ± 0.006 $\chi^2/\text{NDF}: 254494.8/19$

All: 61.164 ± 0.005 $\chi^2/\text{NDF}: 412293.5/36$

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

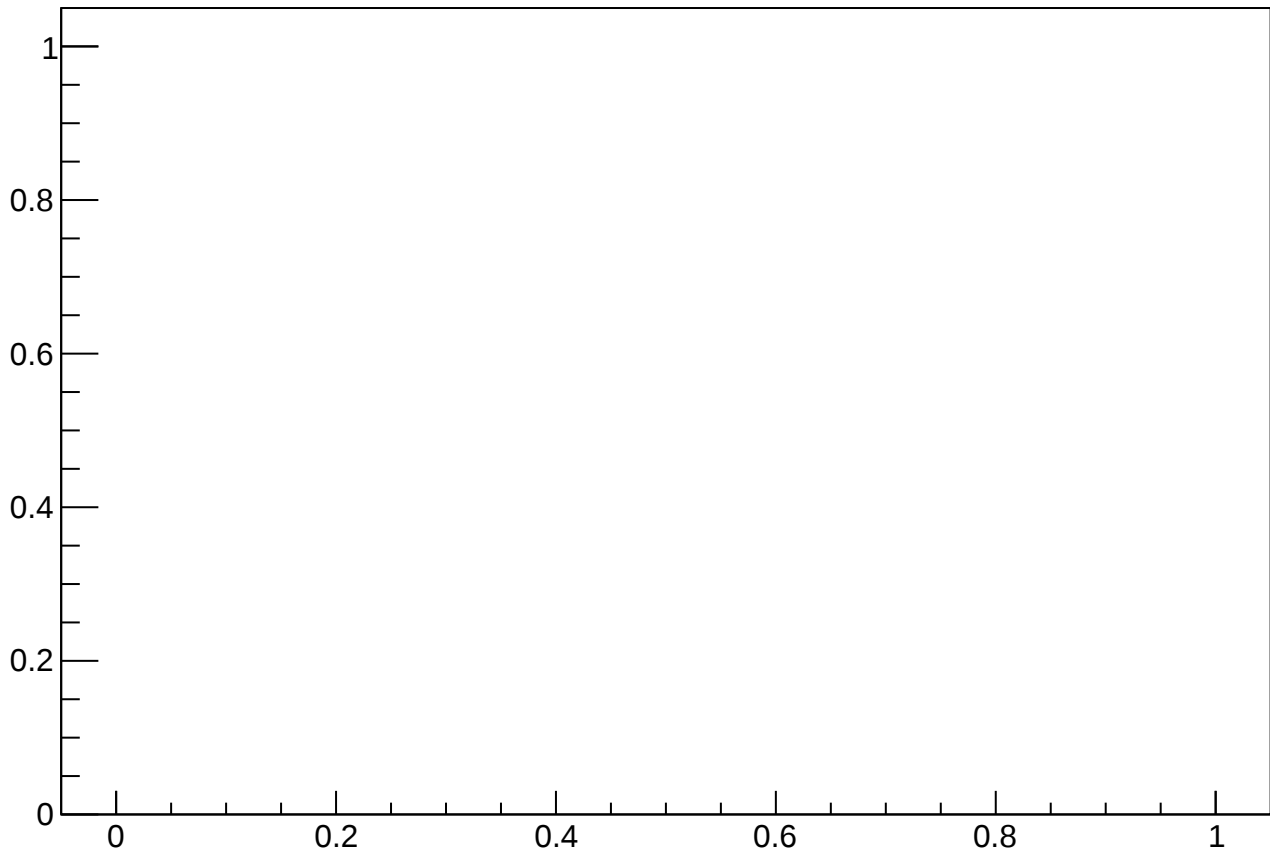
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

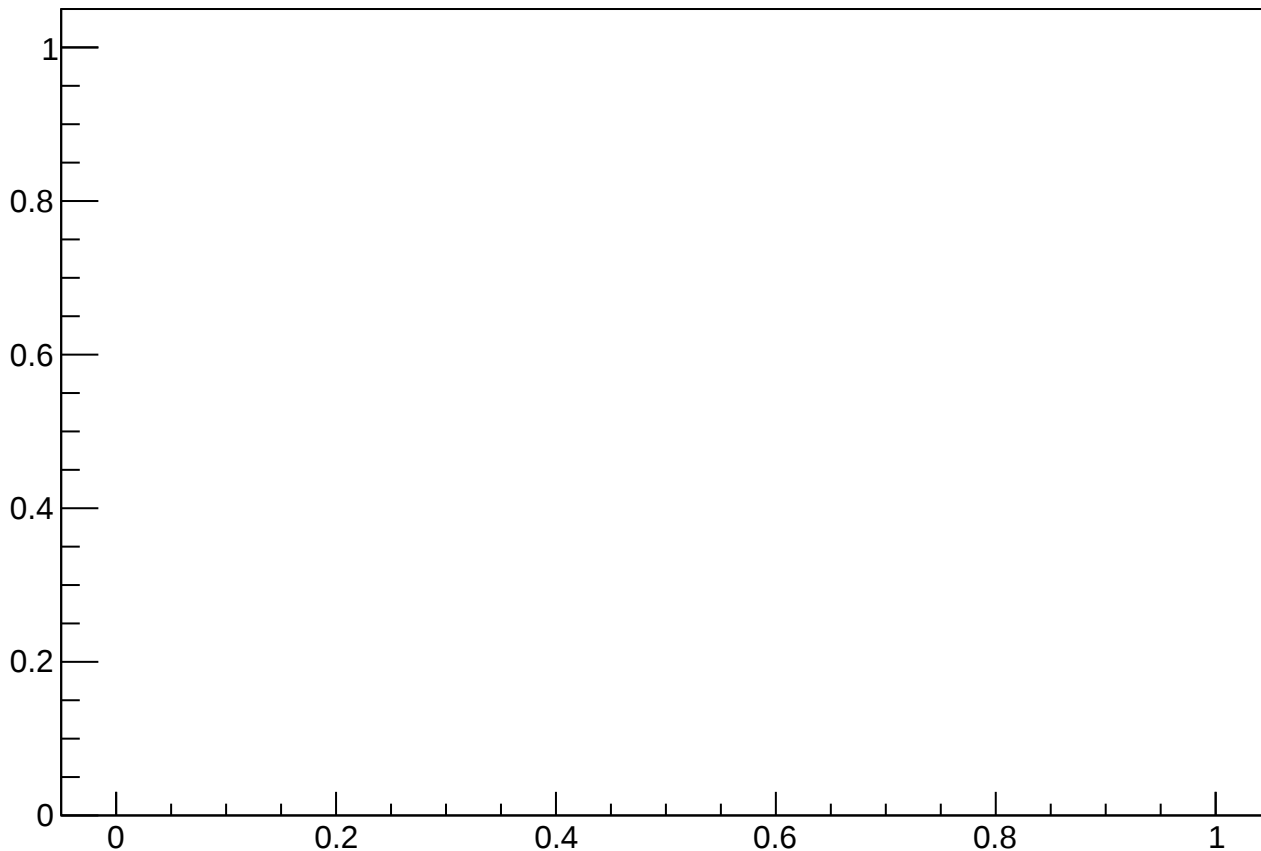
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

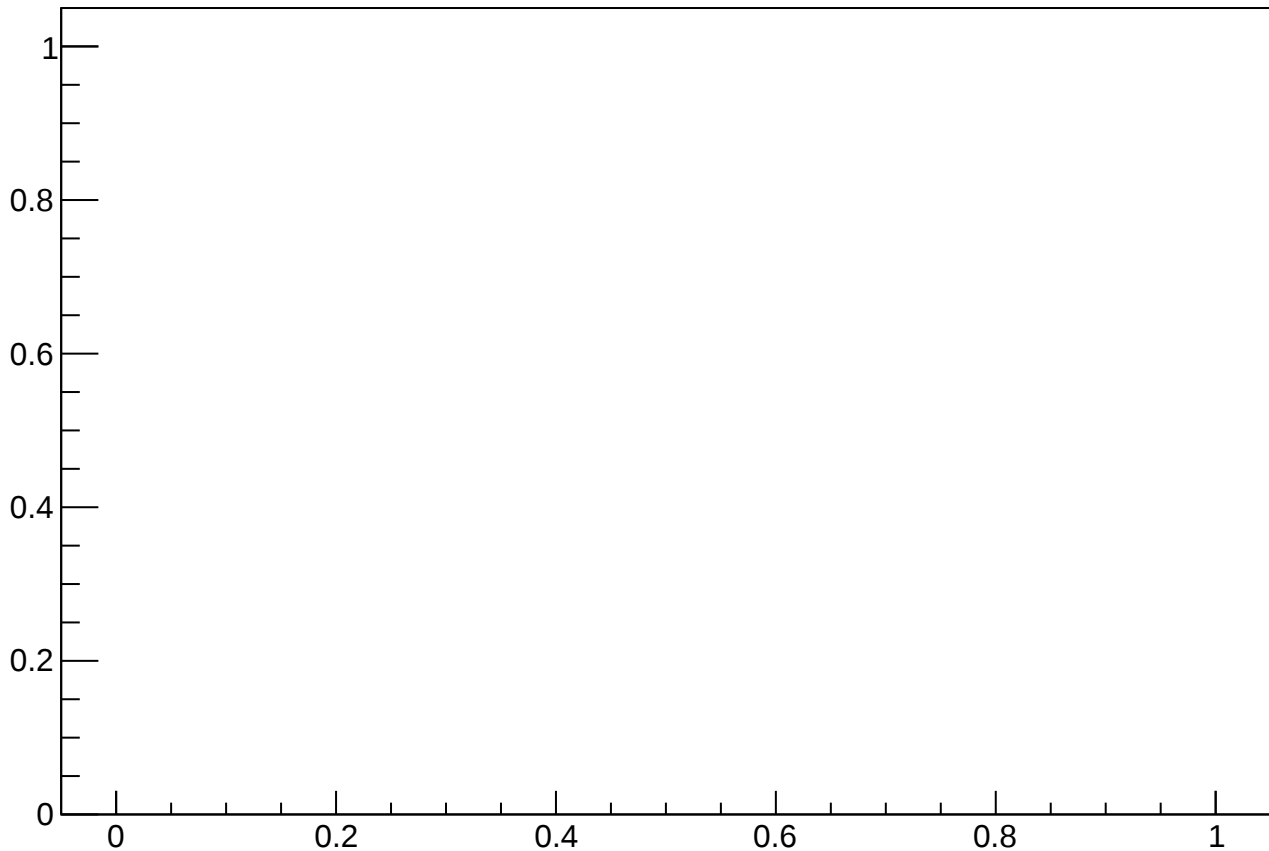
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

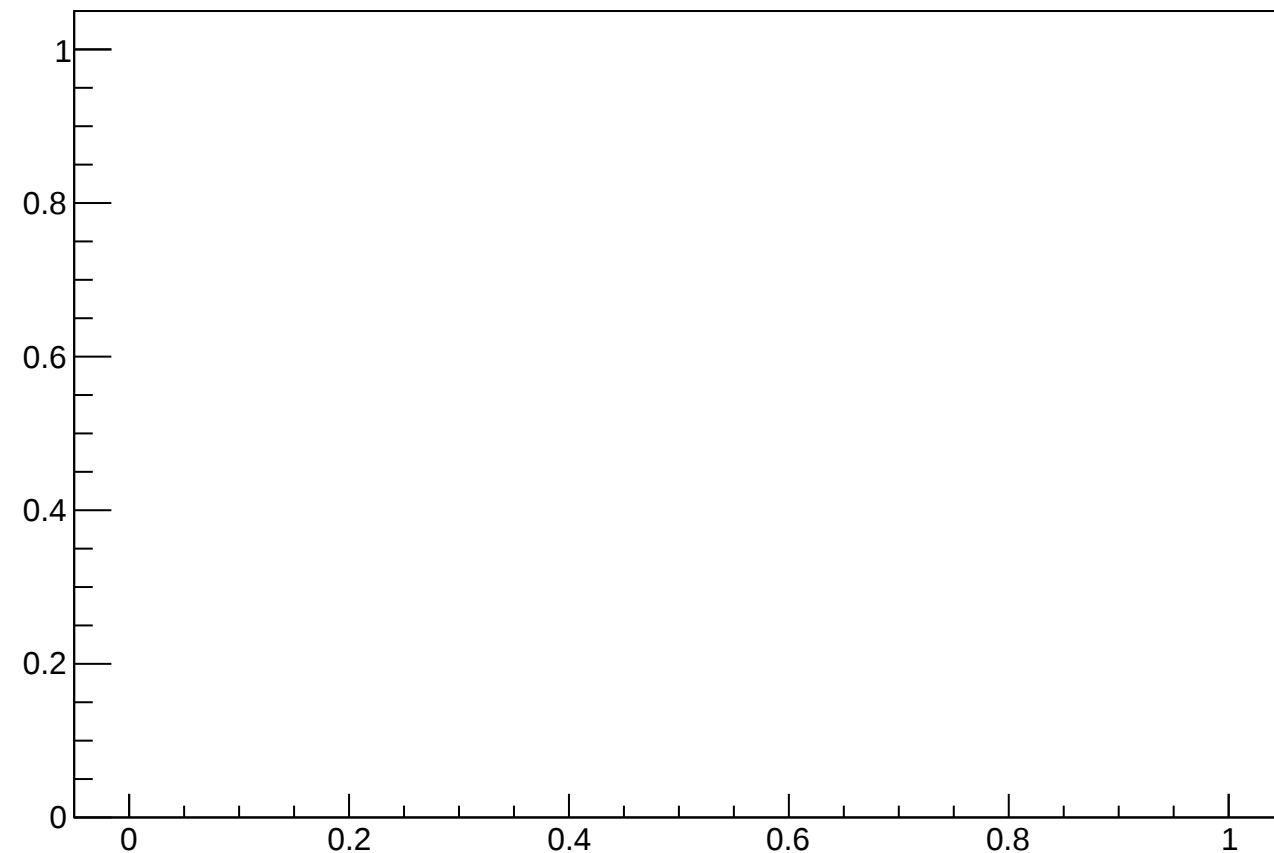
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

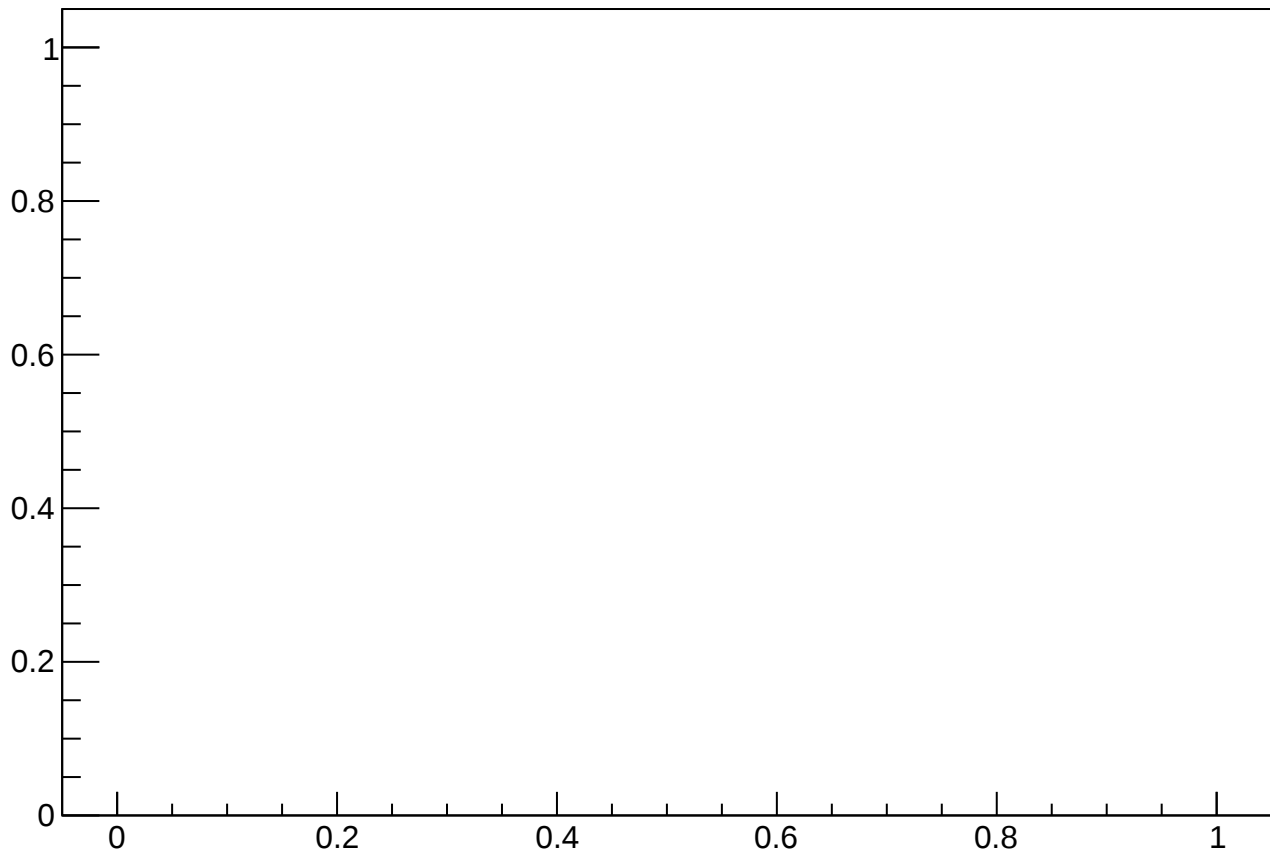
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

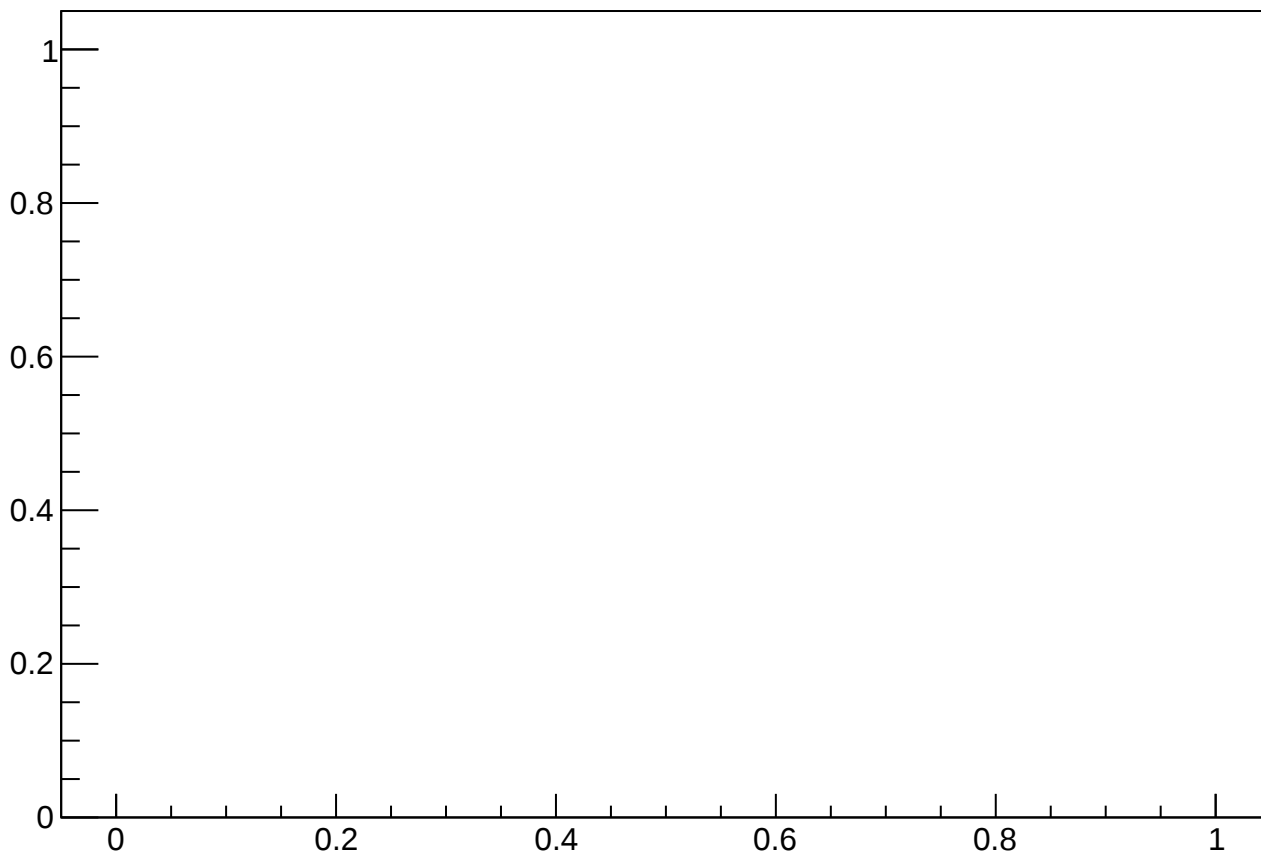
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

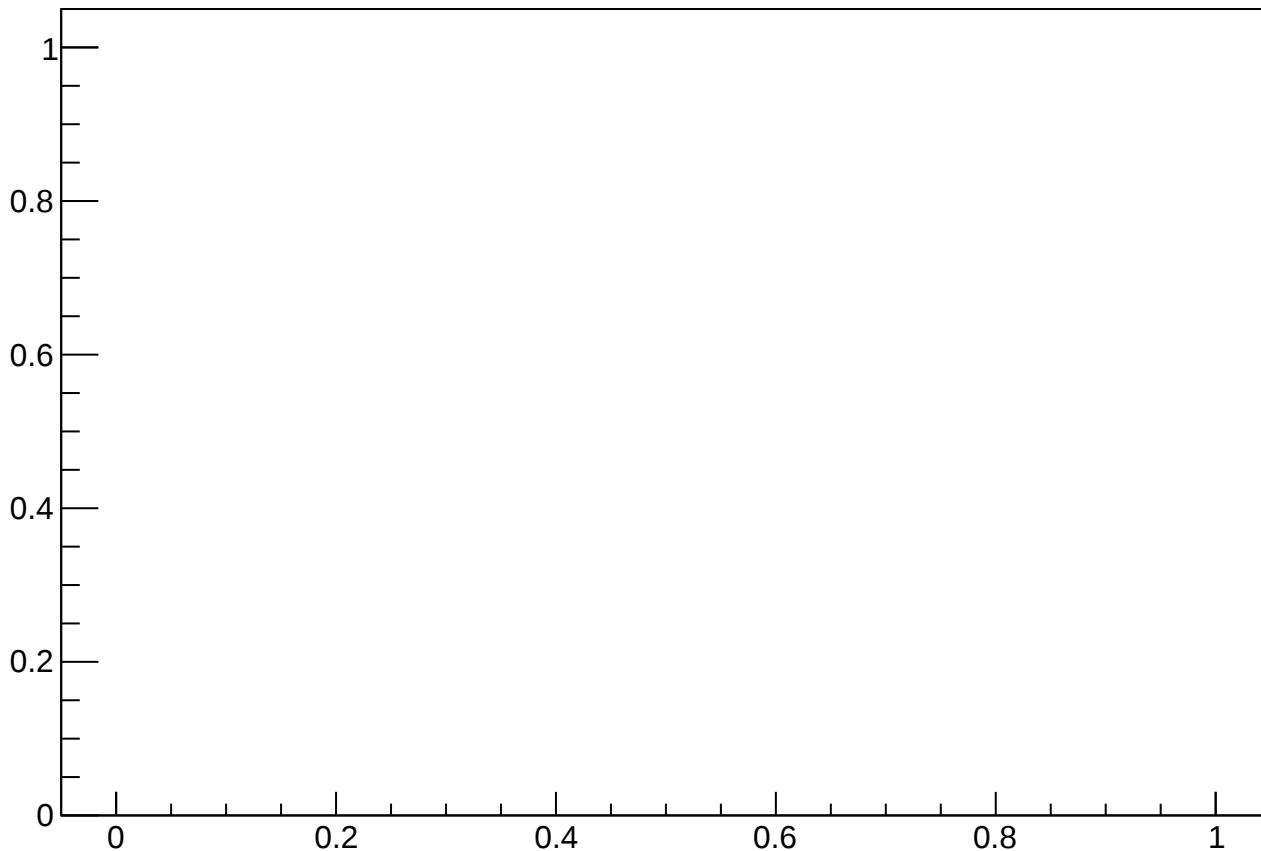
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

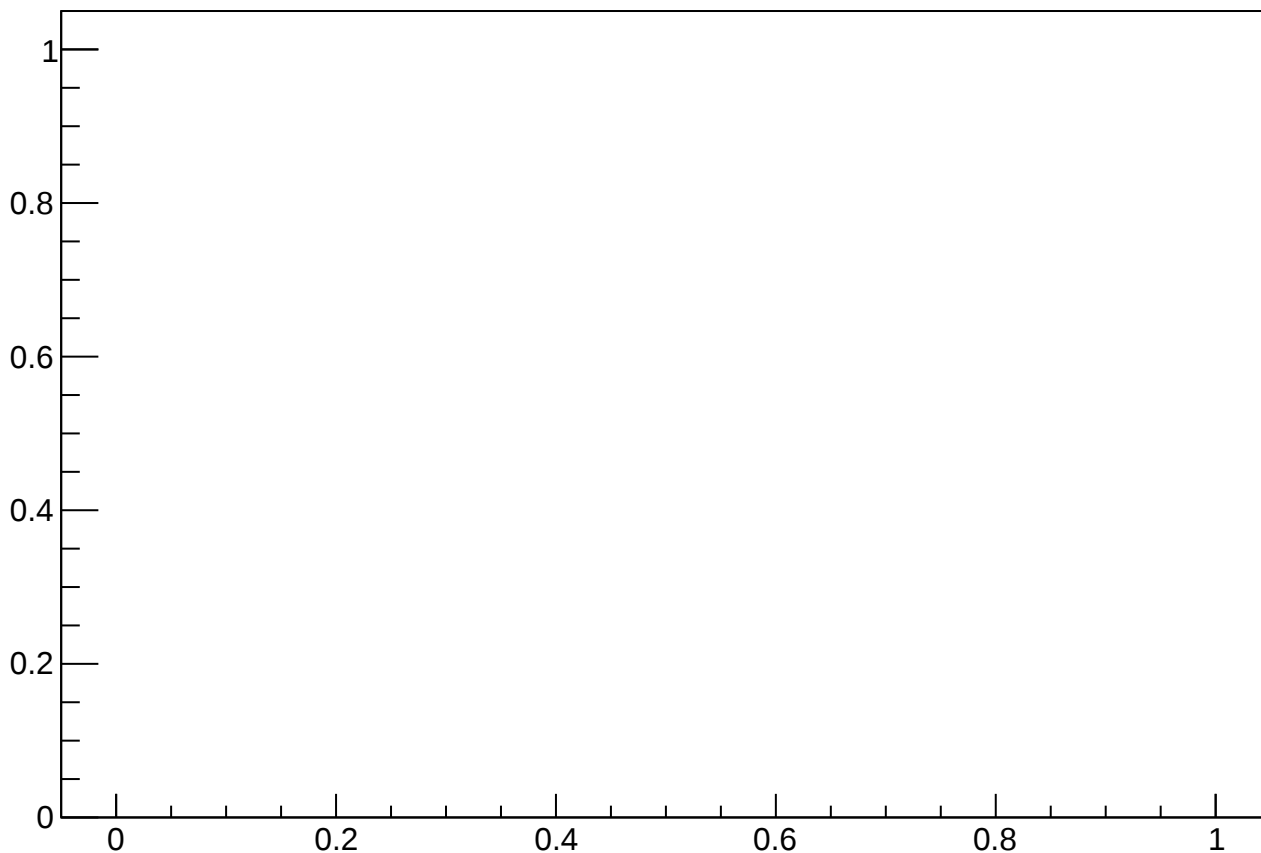
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

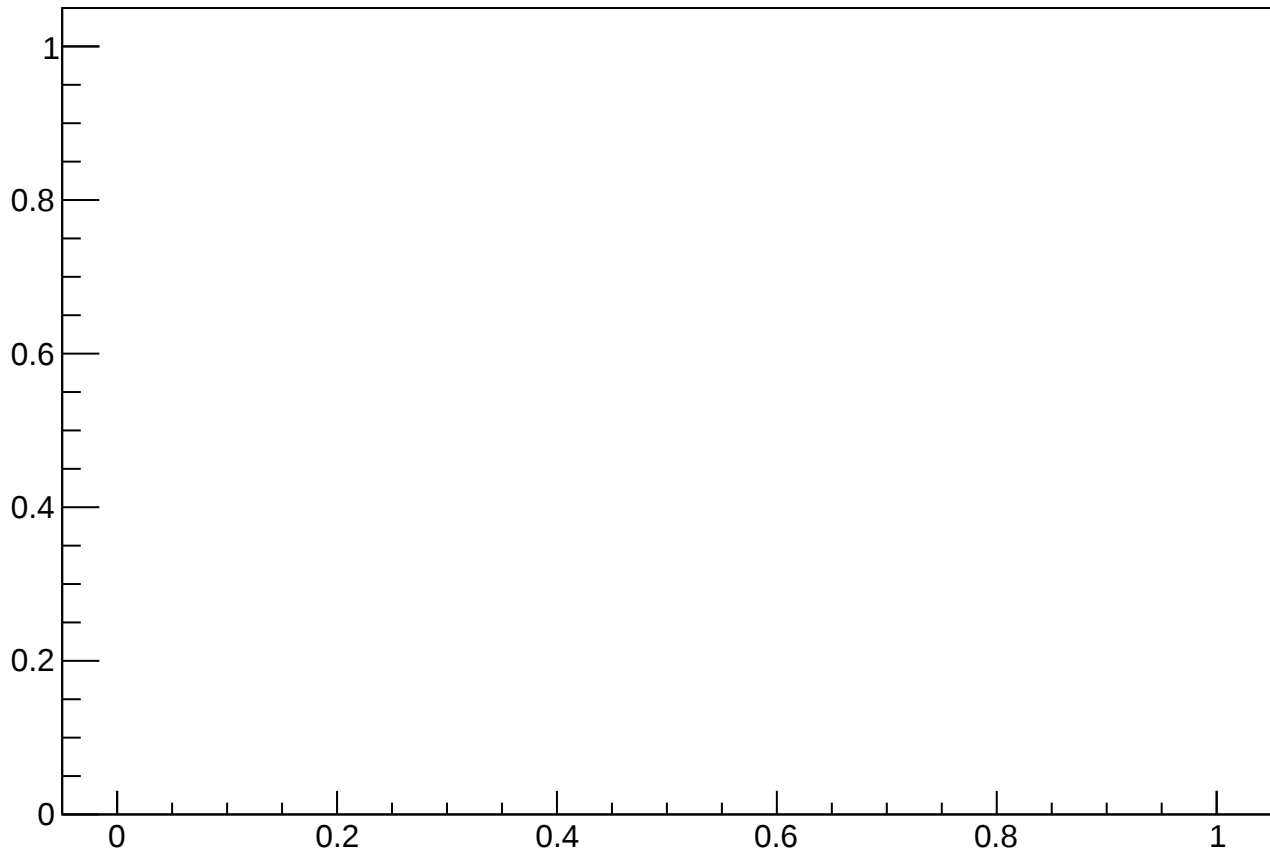
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

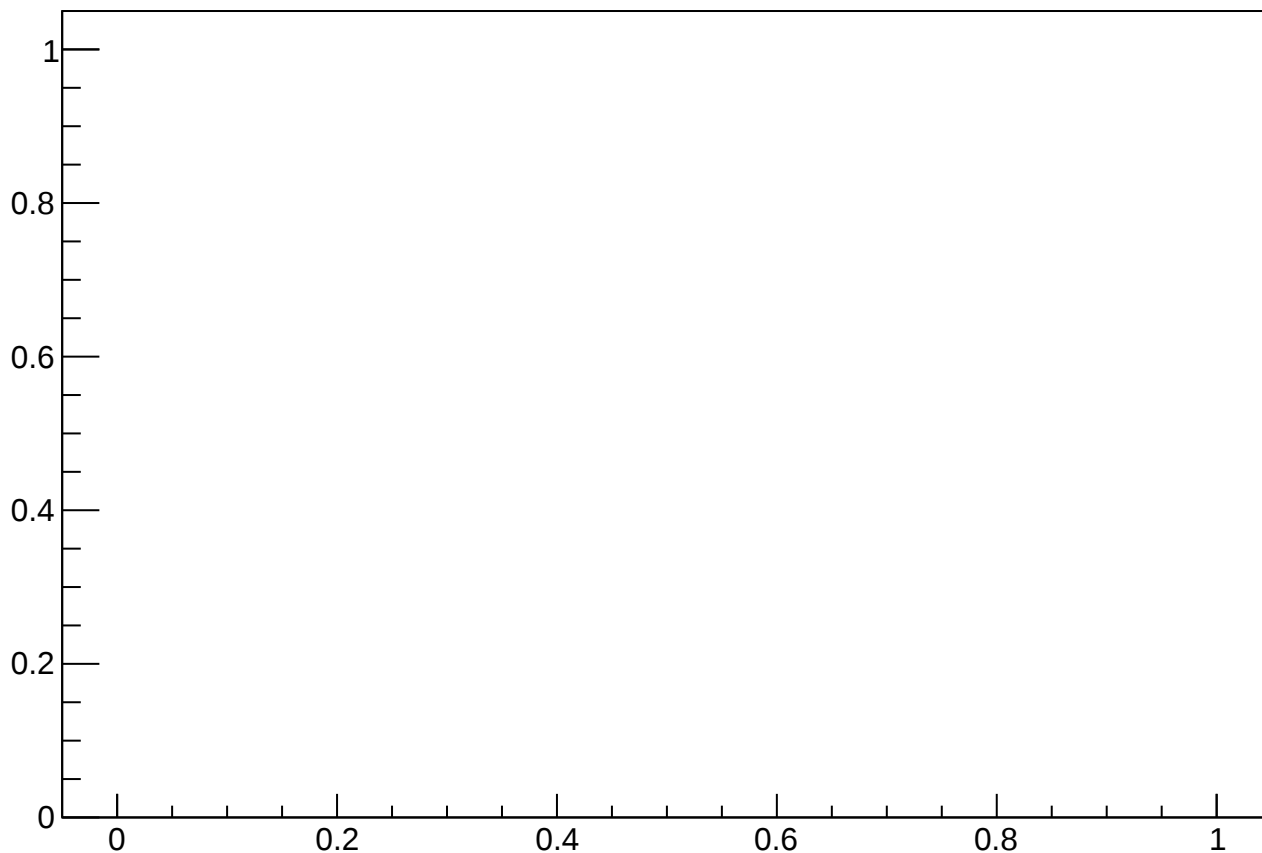
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

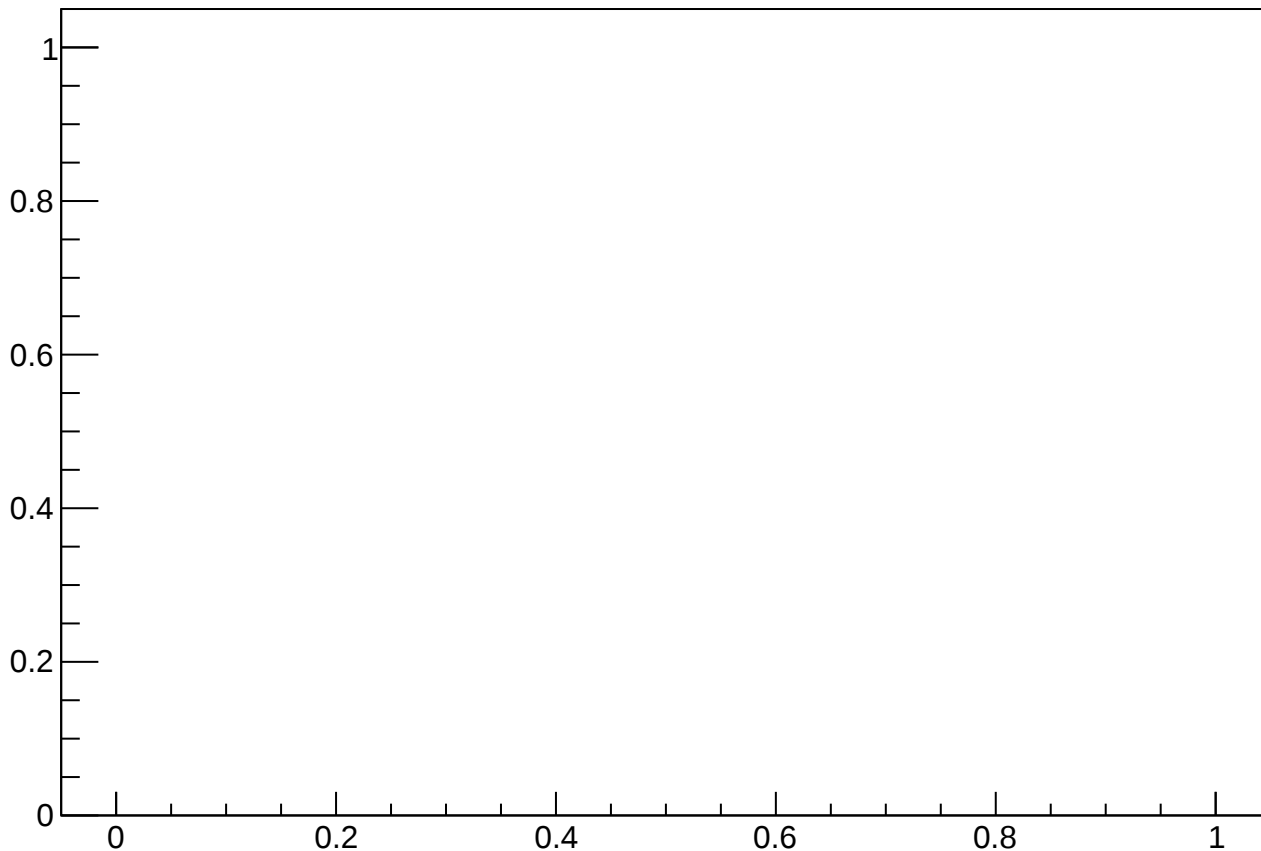
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

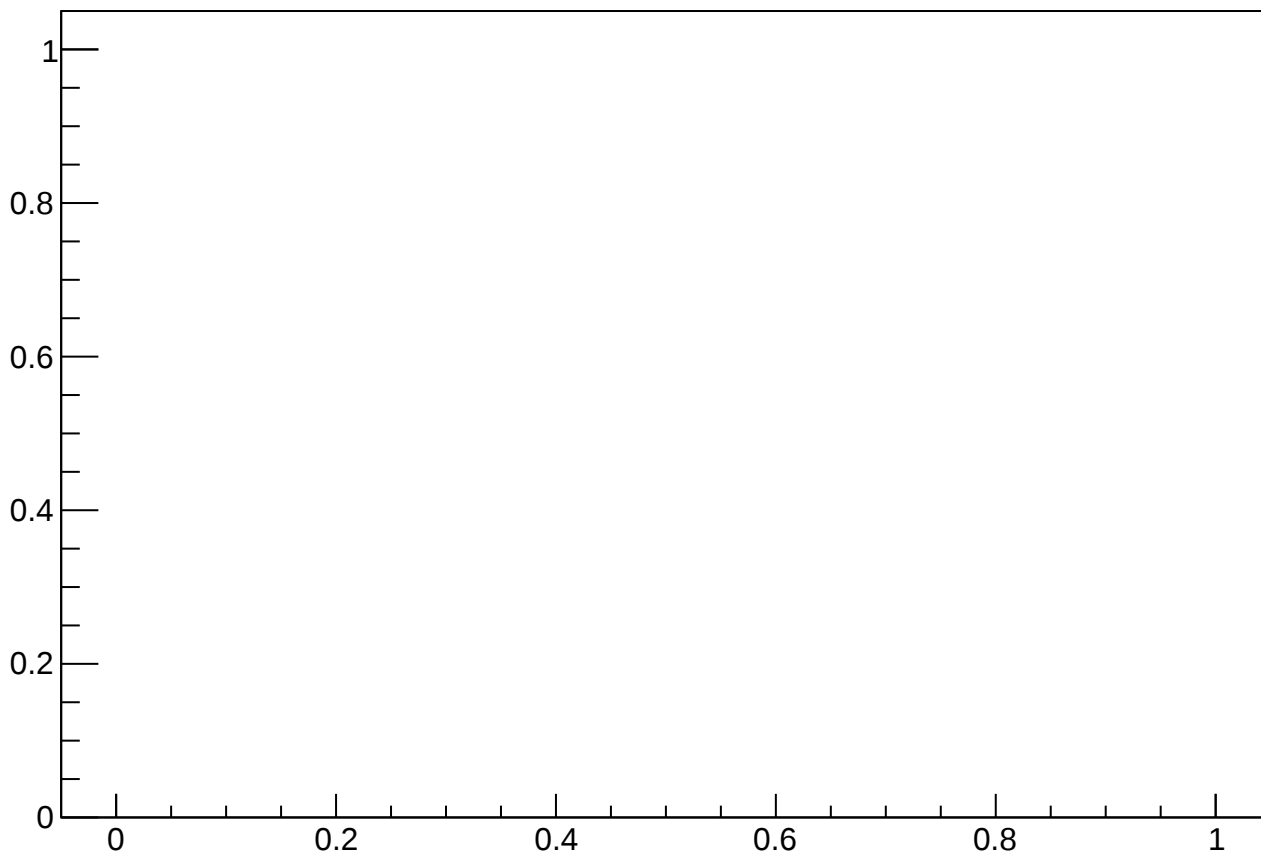
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

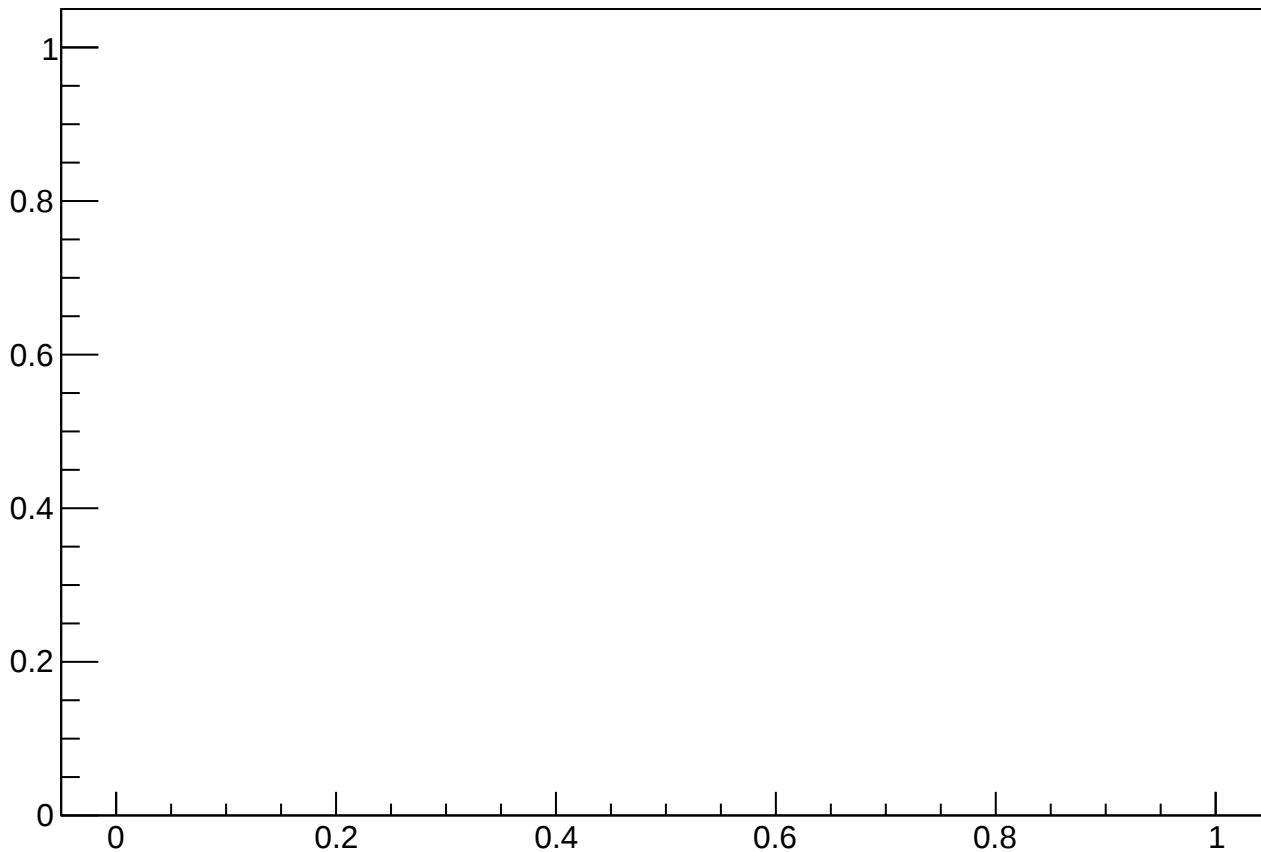
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

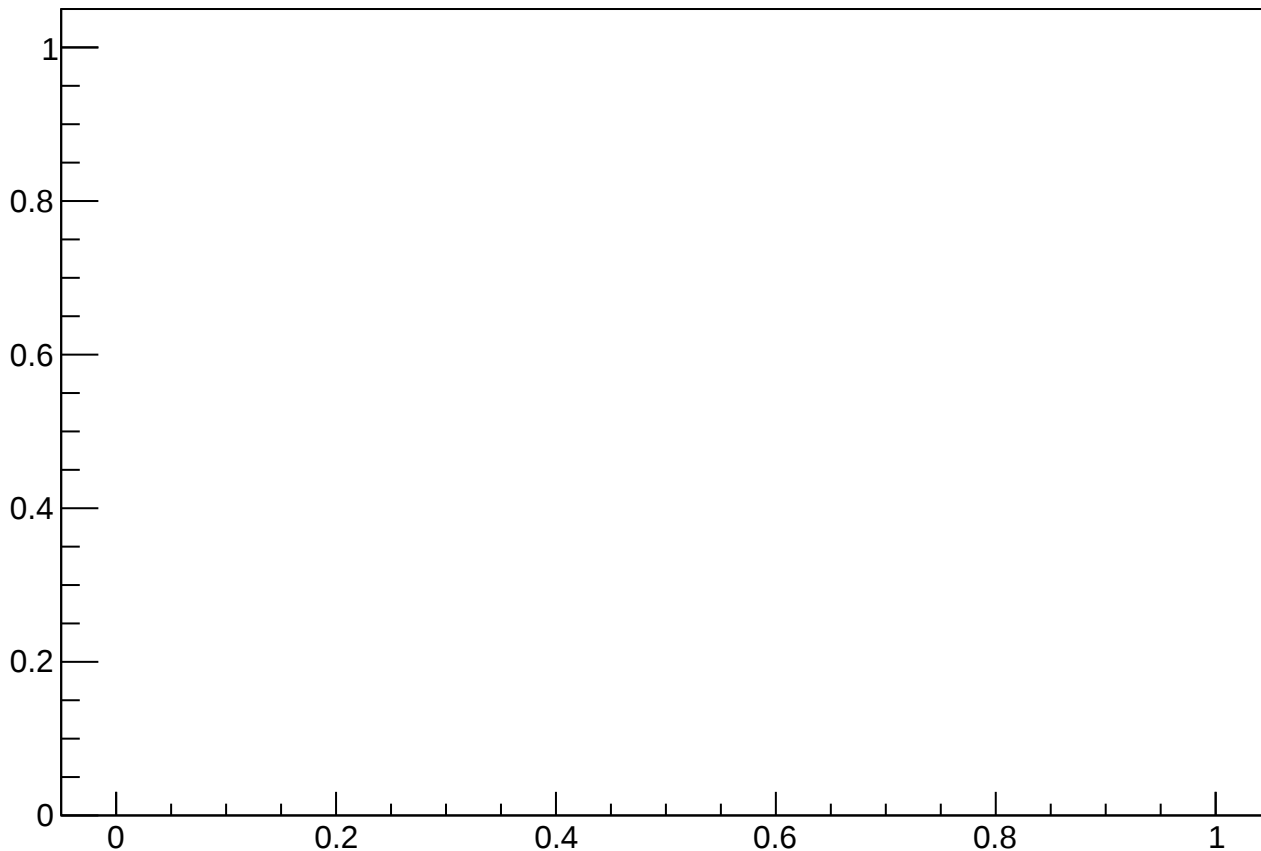
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

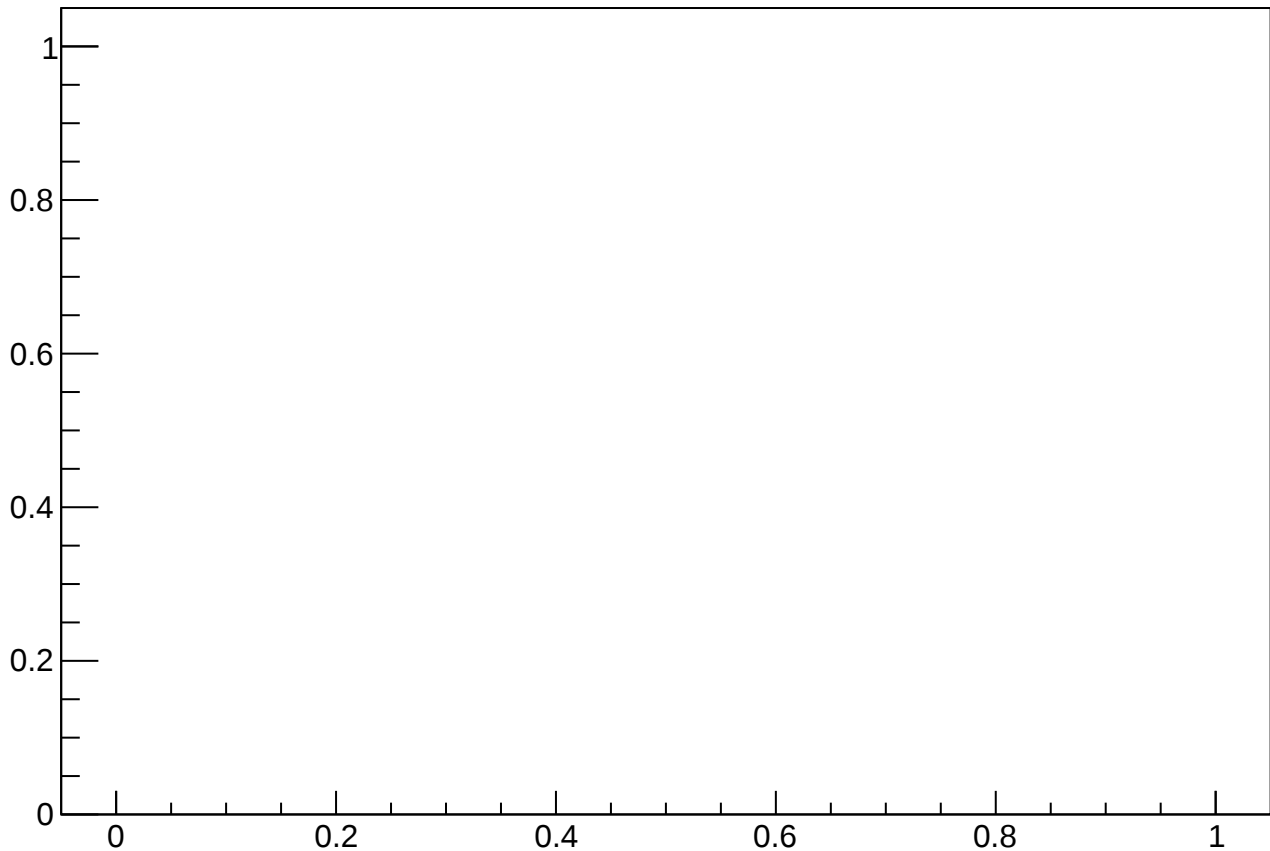
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

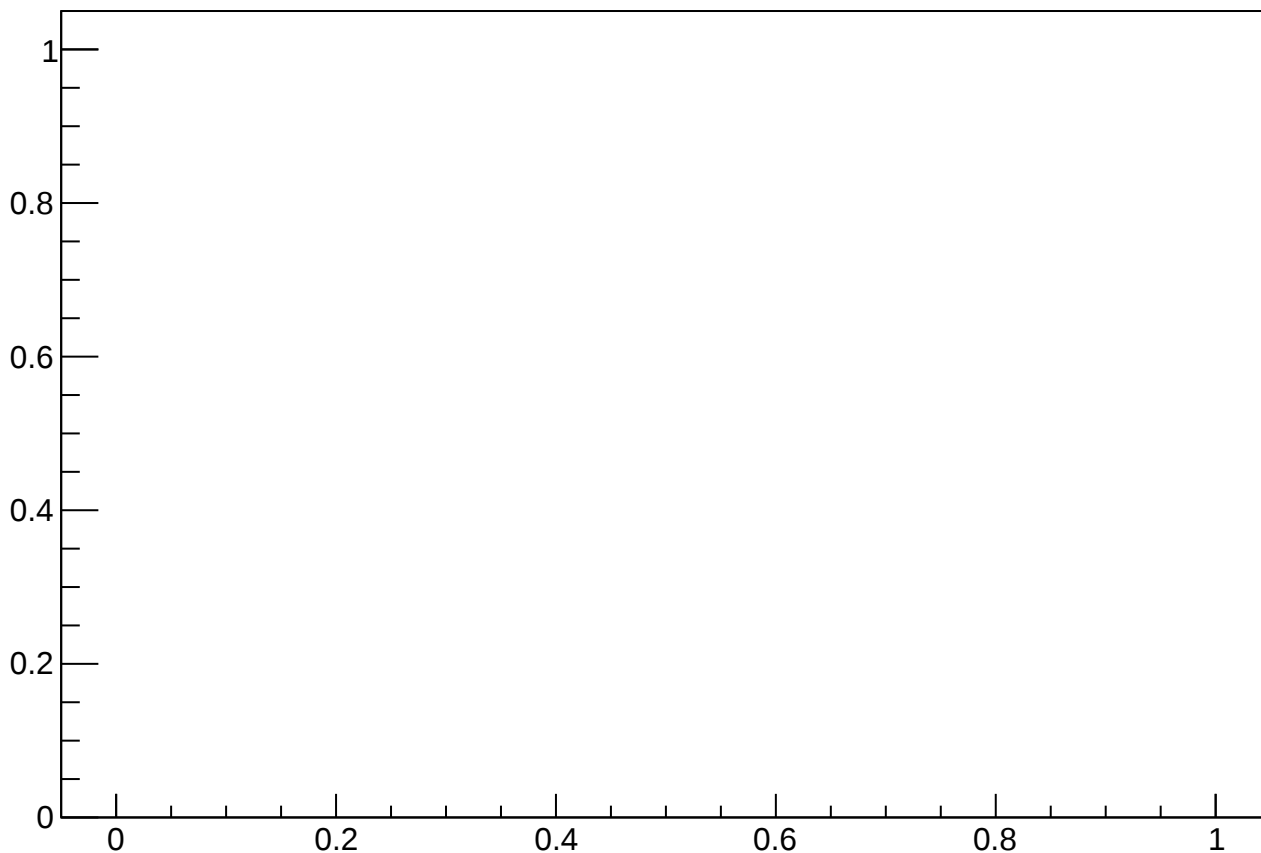
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

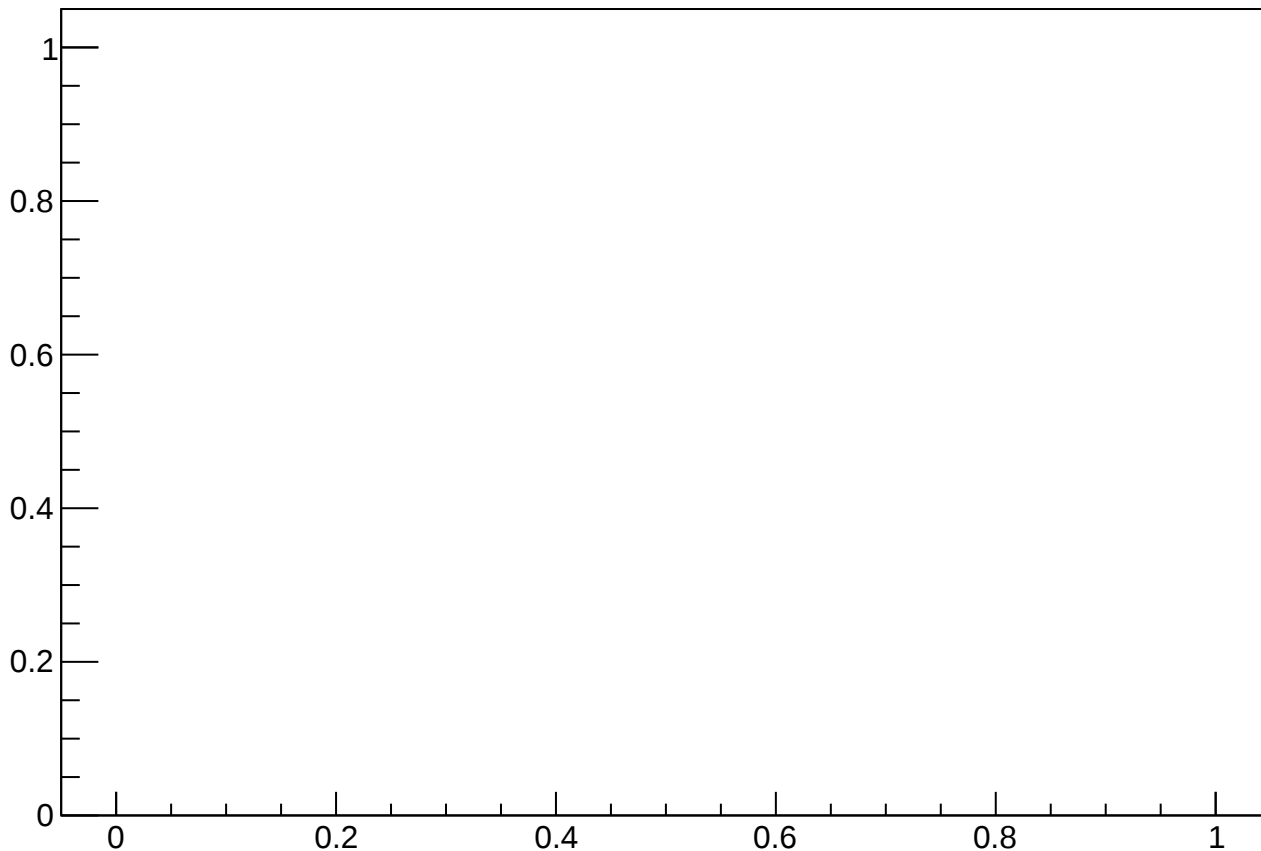
dit_4aX_coil7_mean vs Slug, Sign Corrected



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

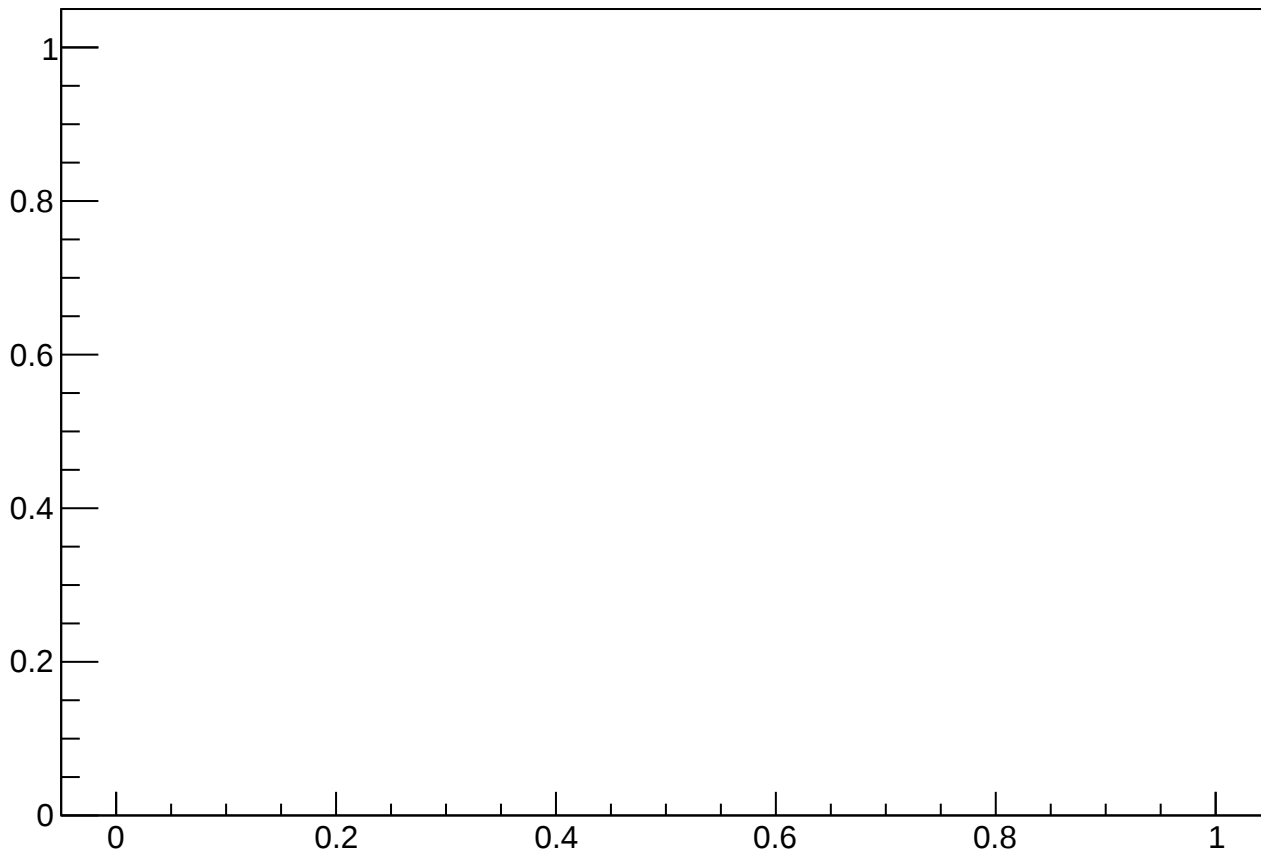
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

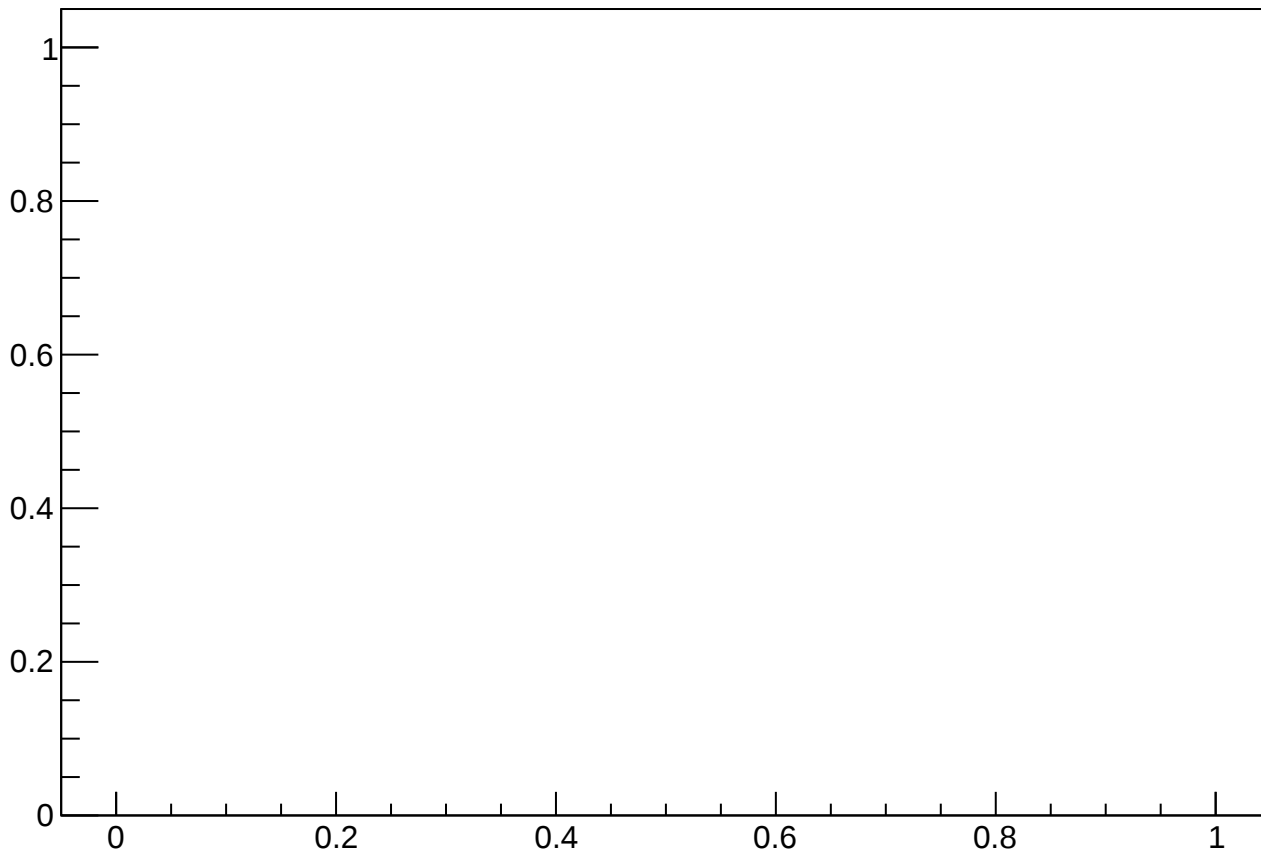
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

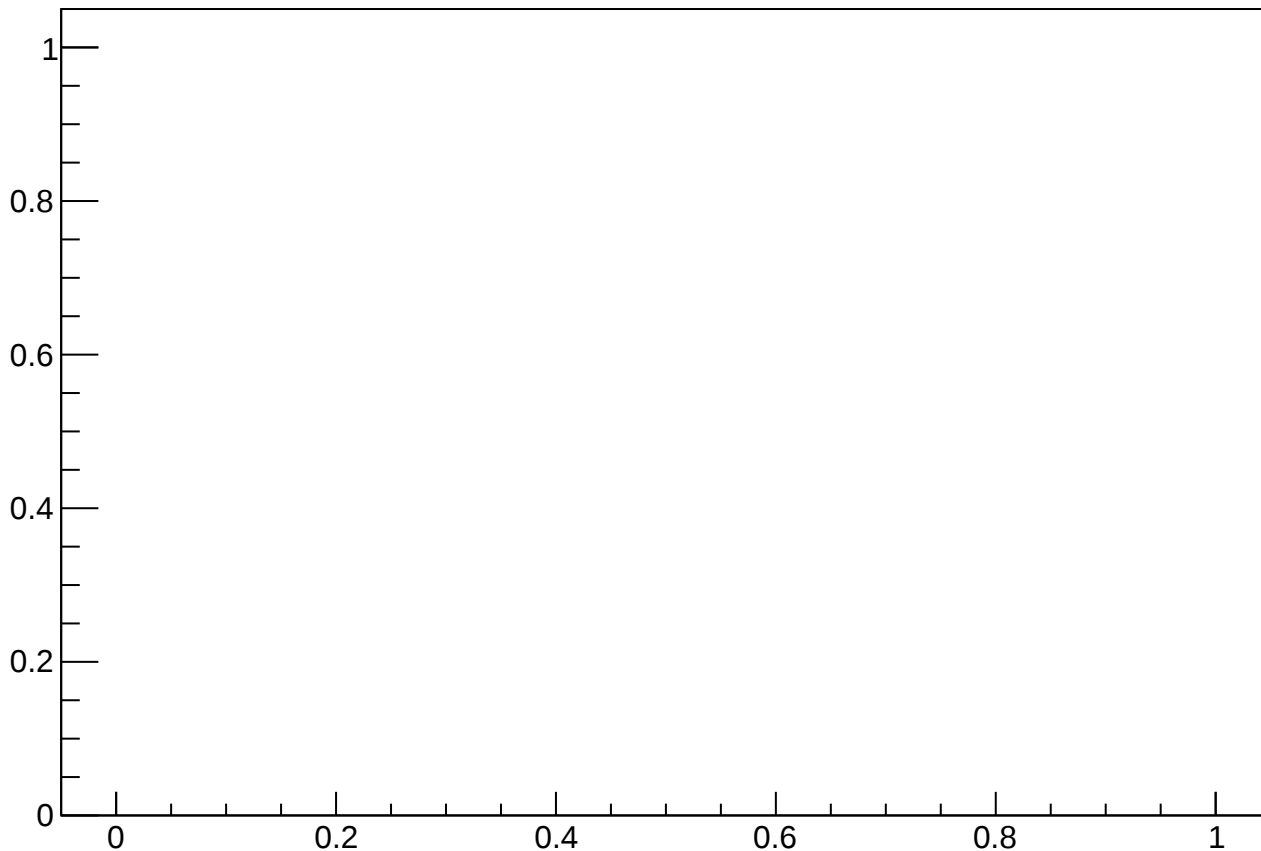
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

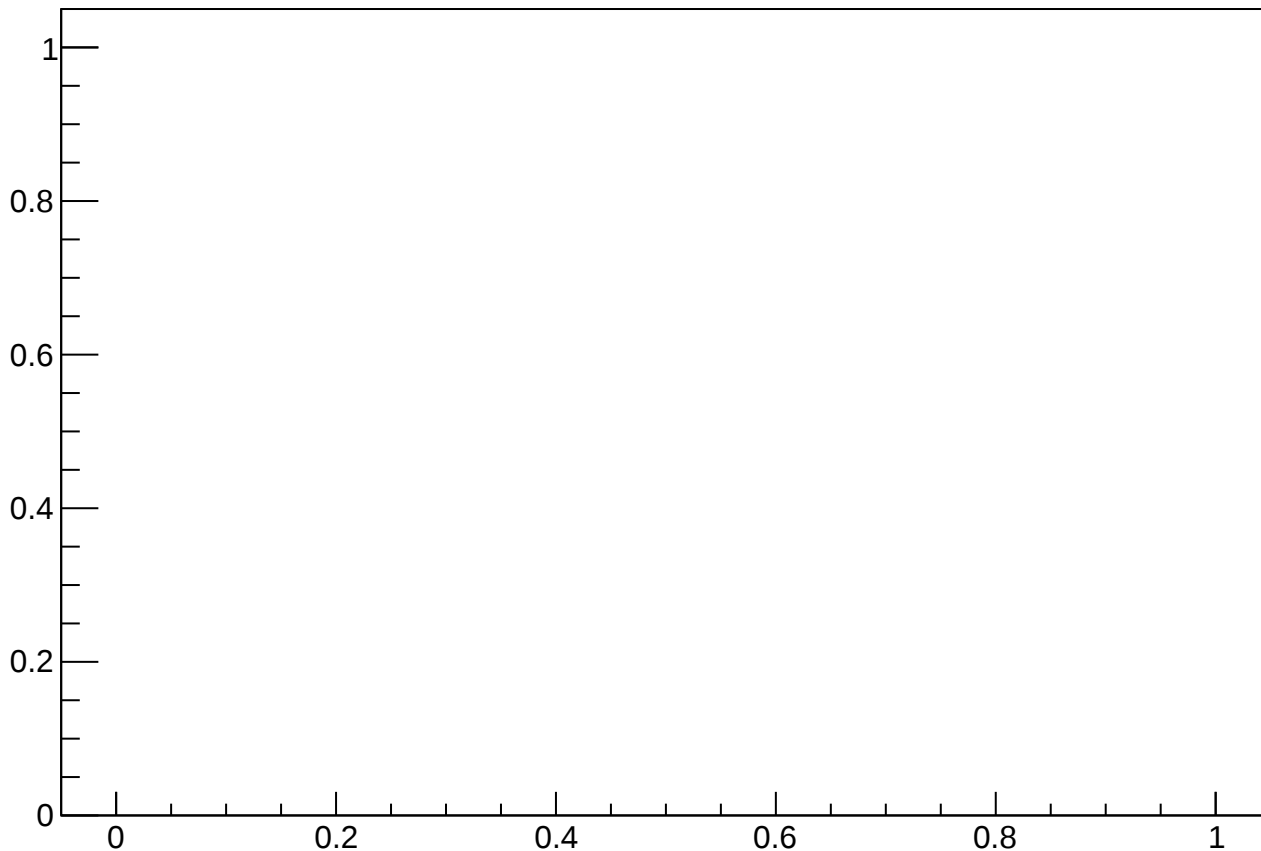
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

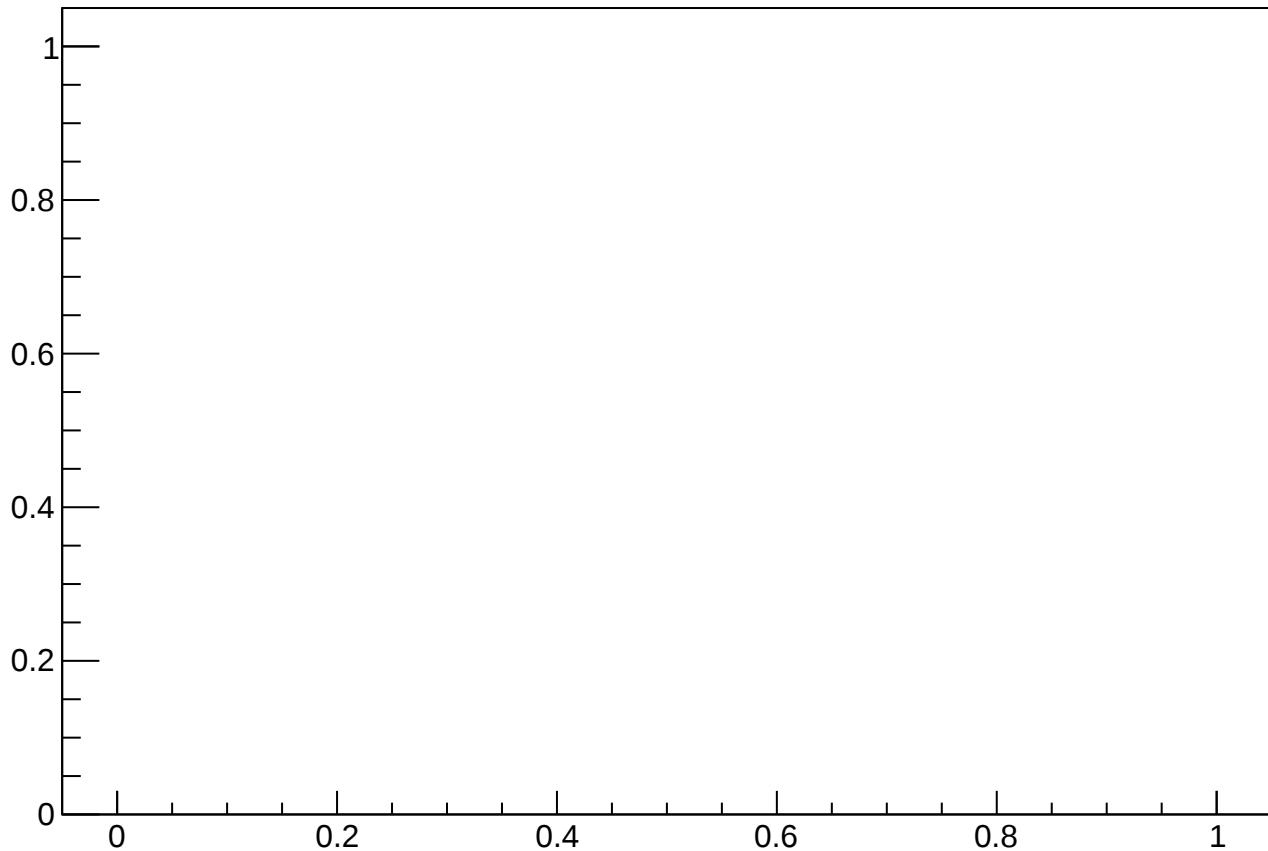
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

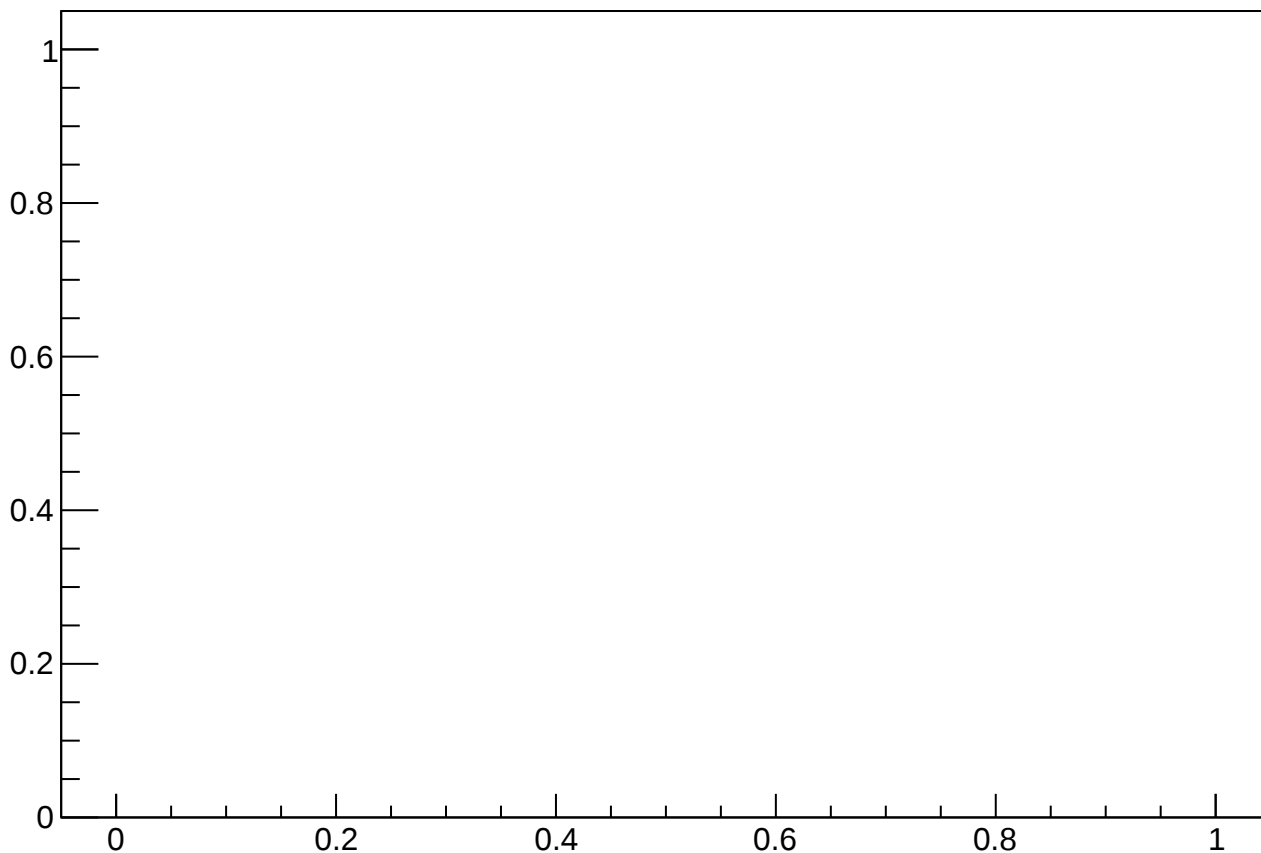
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

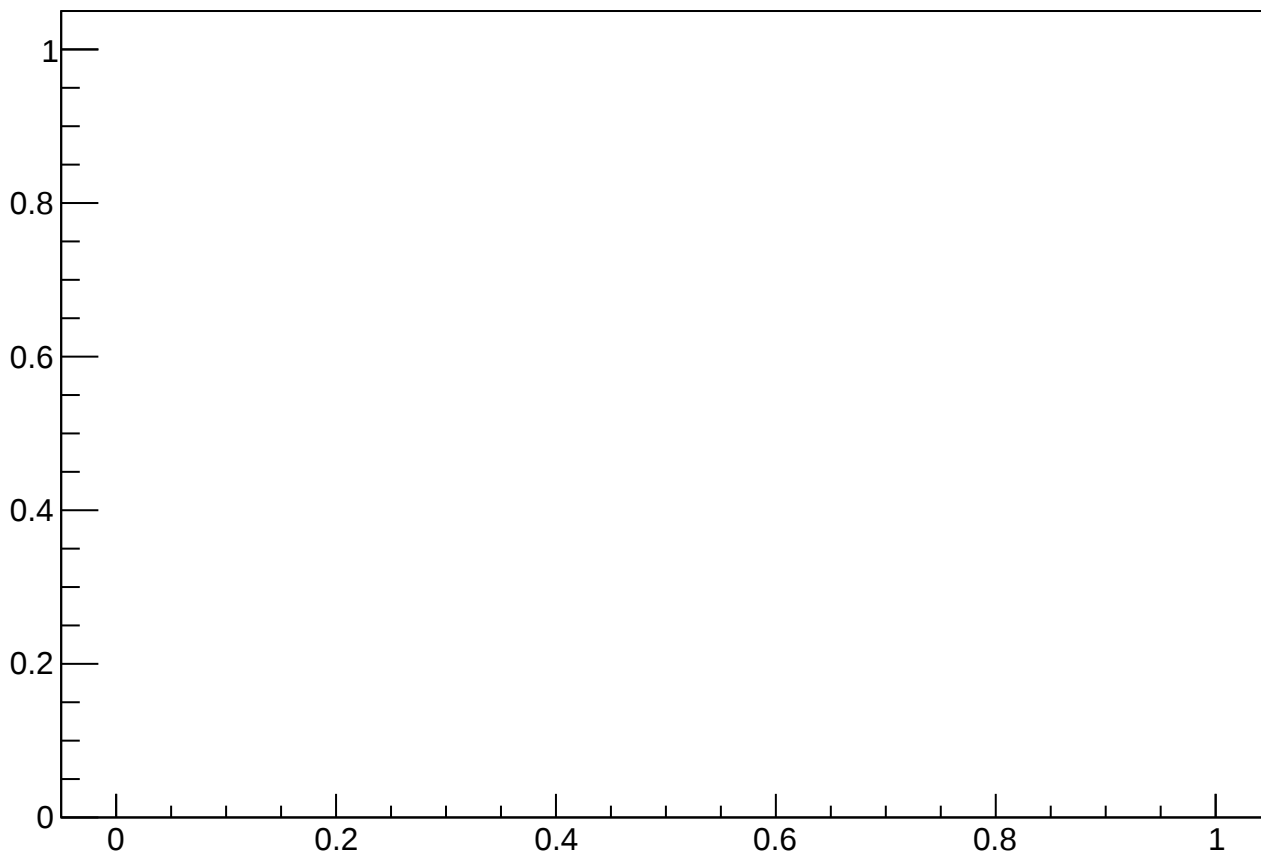
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

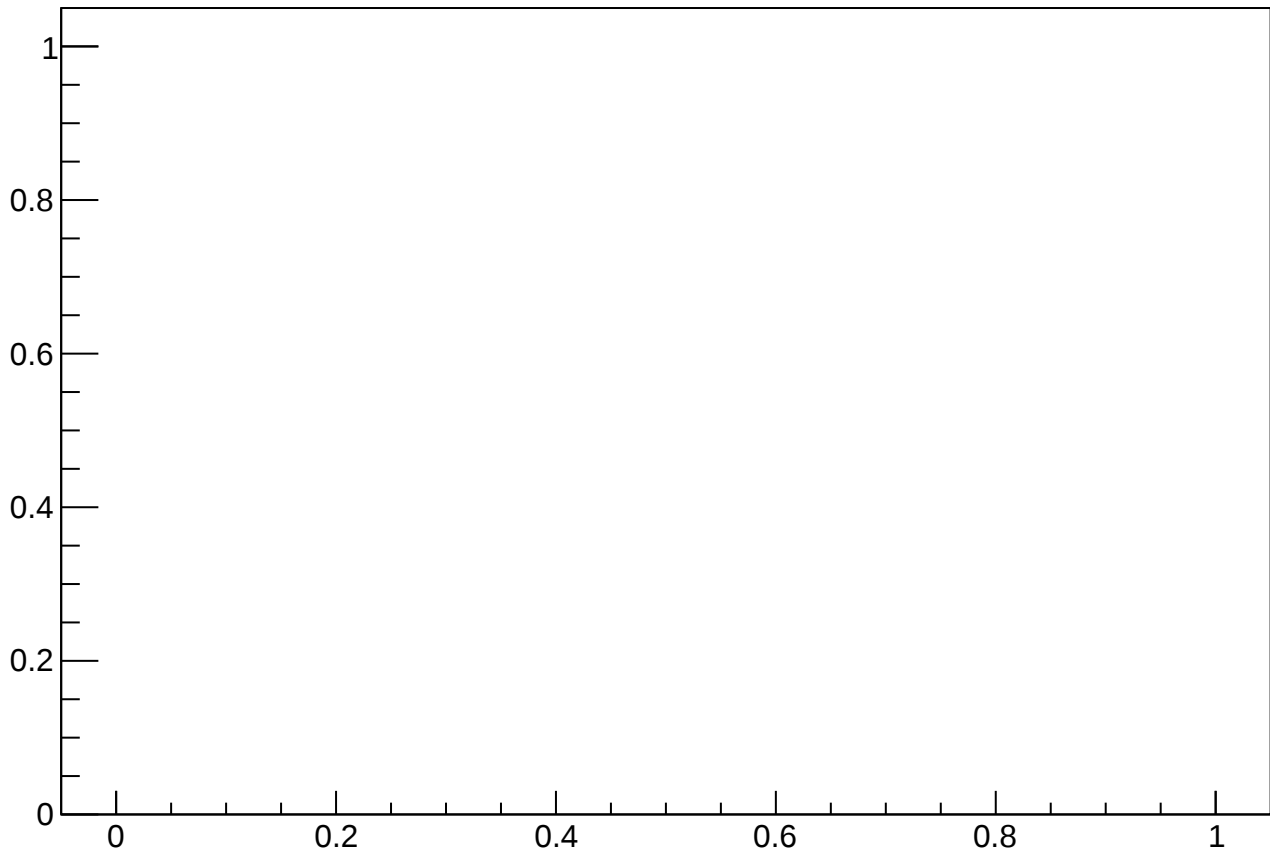
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

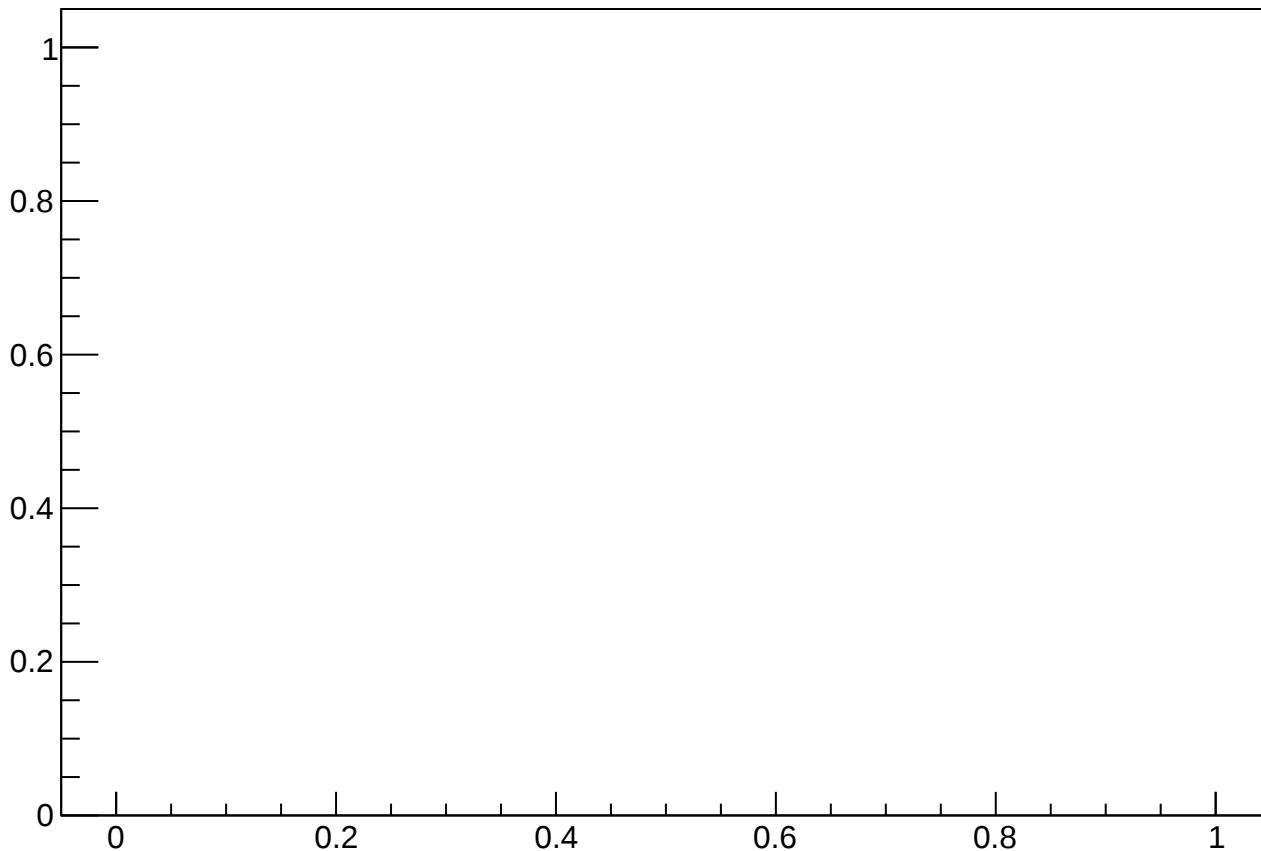
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

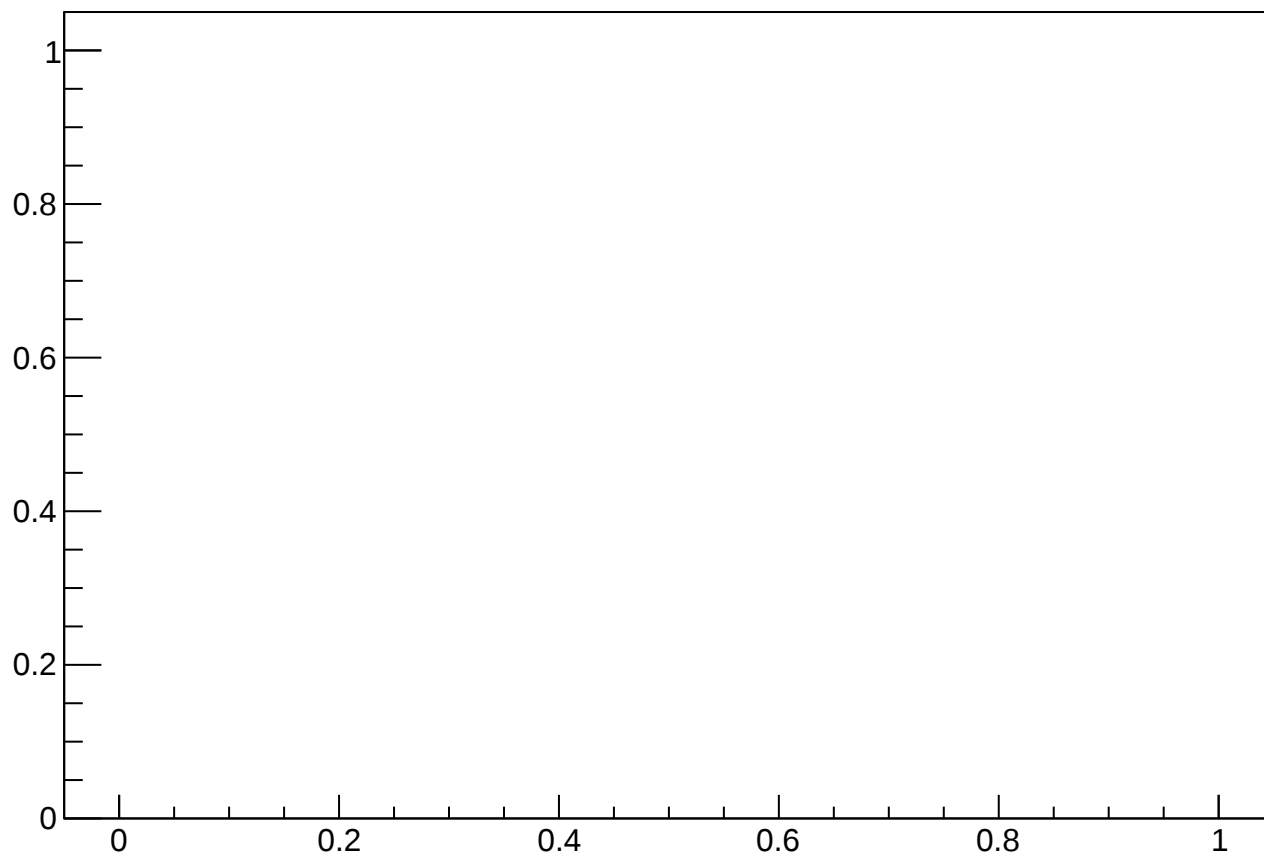
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

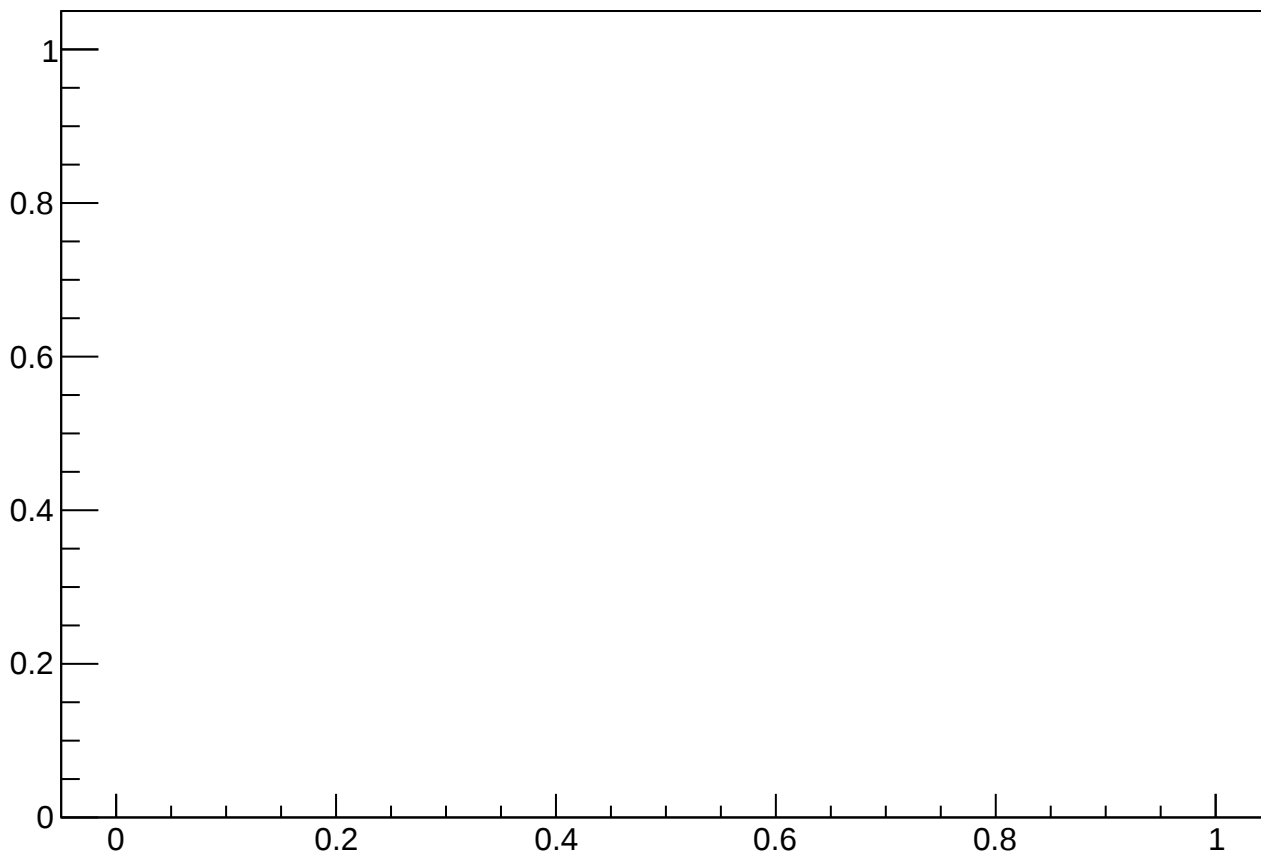
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

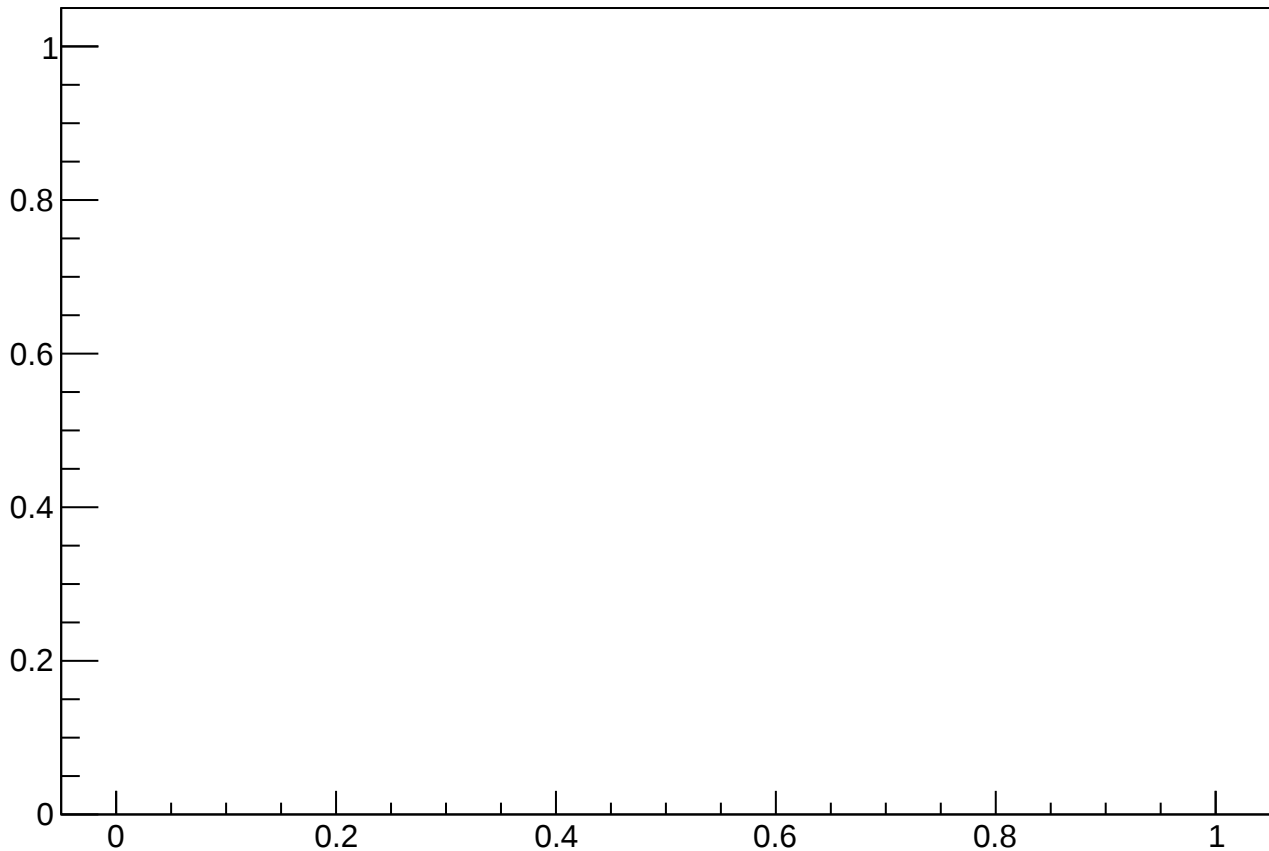
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

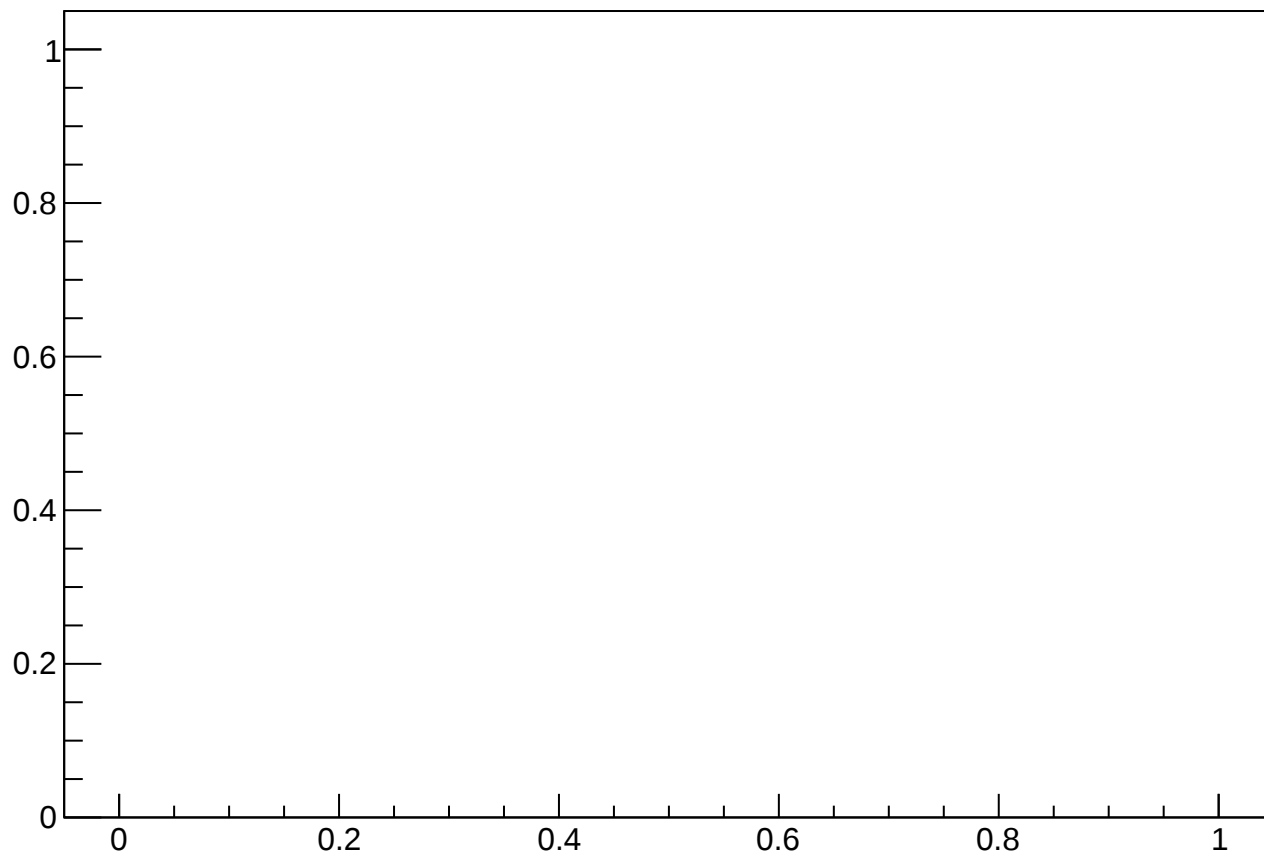
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

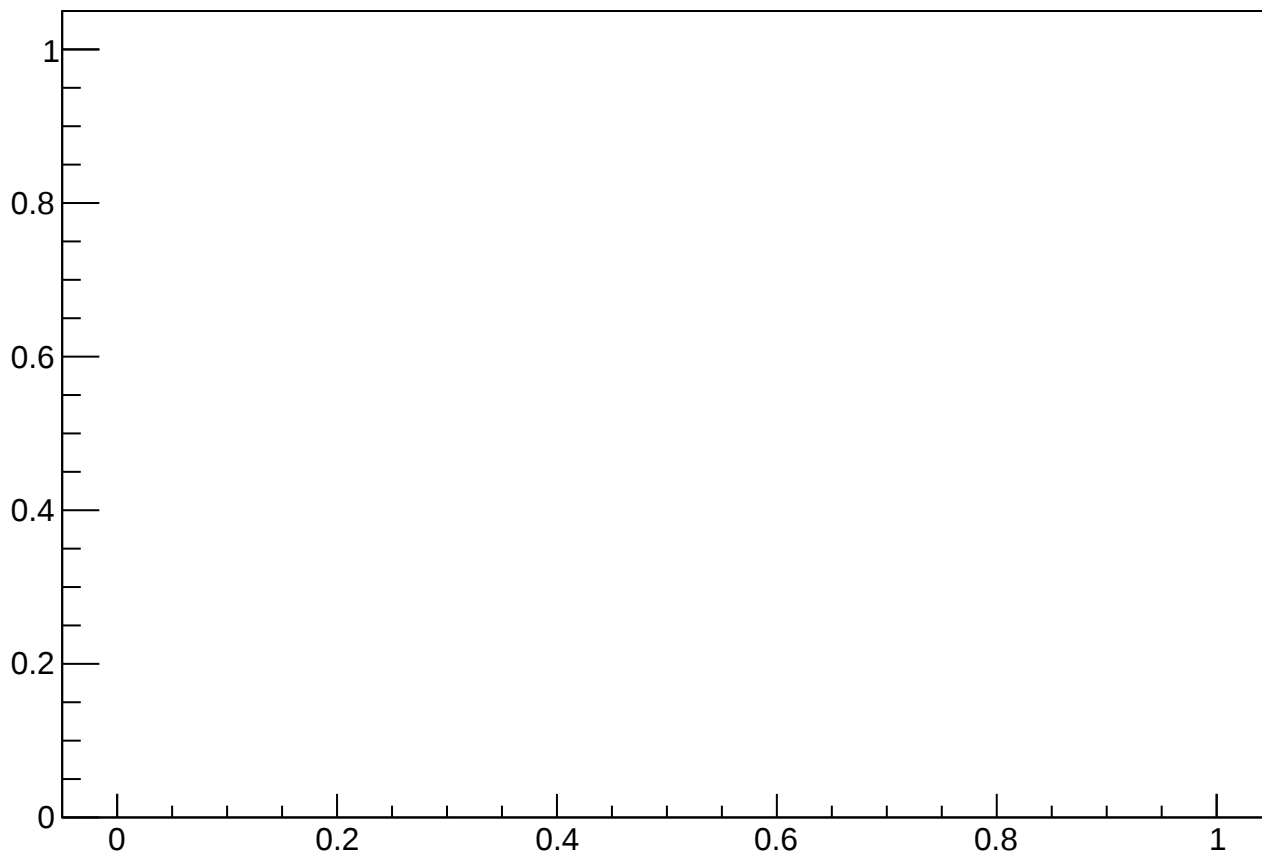
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

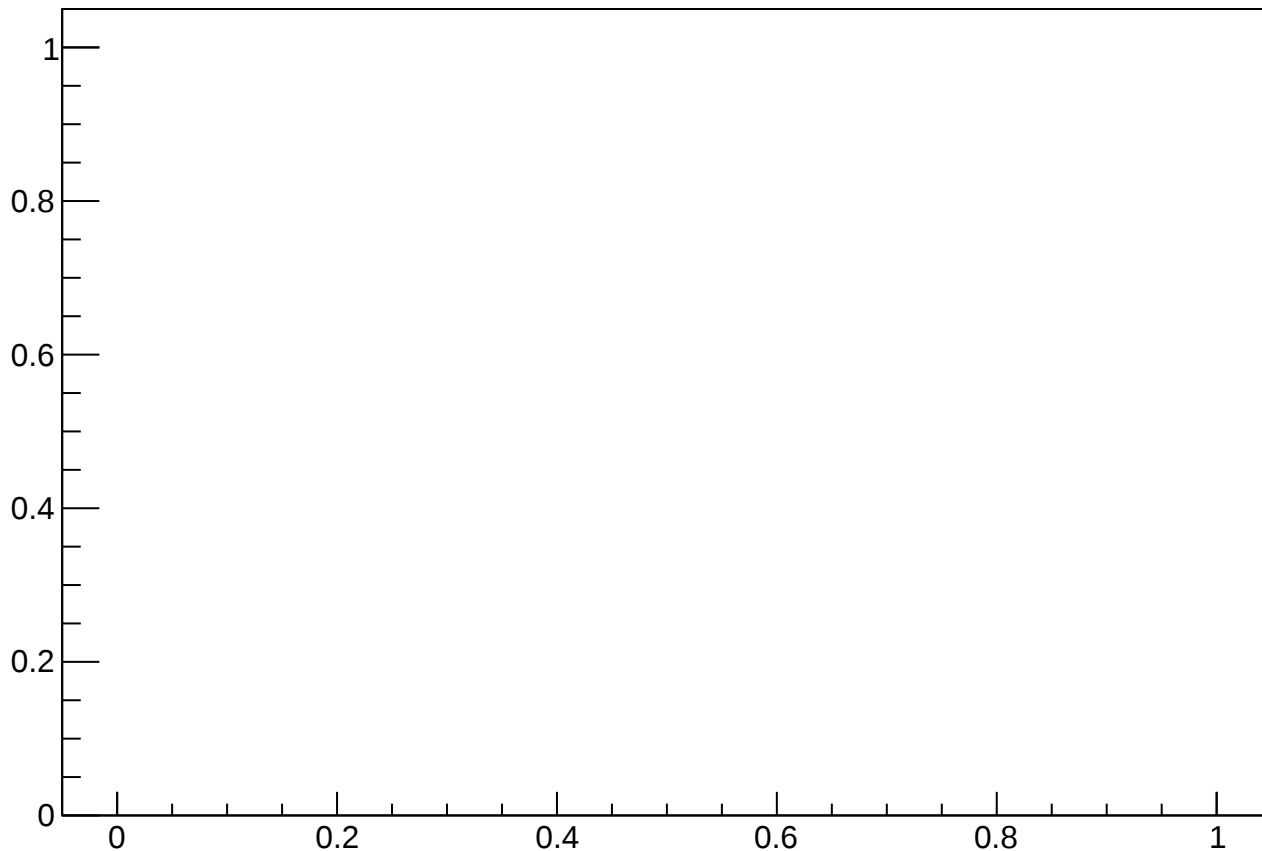
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

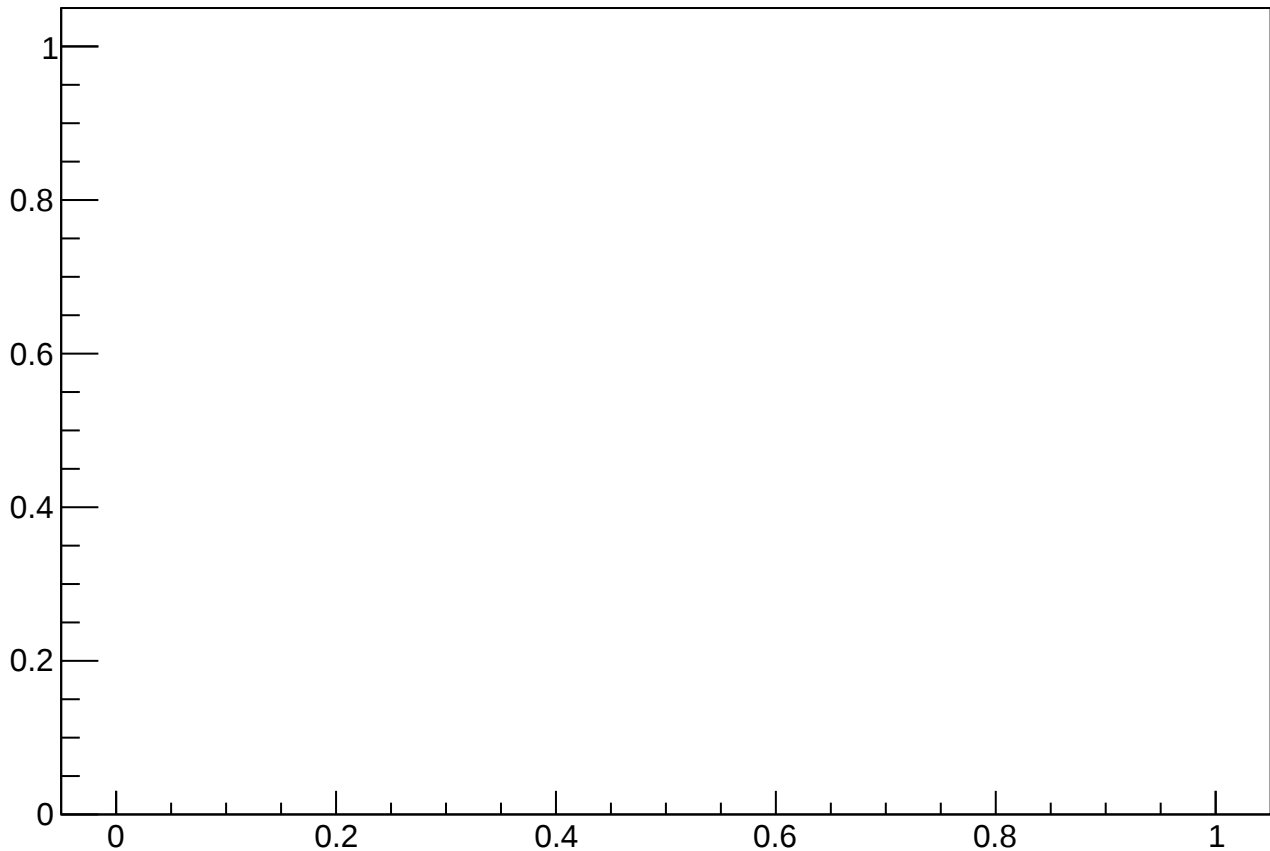
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

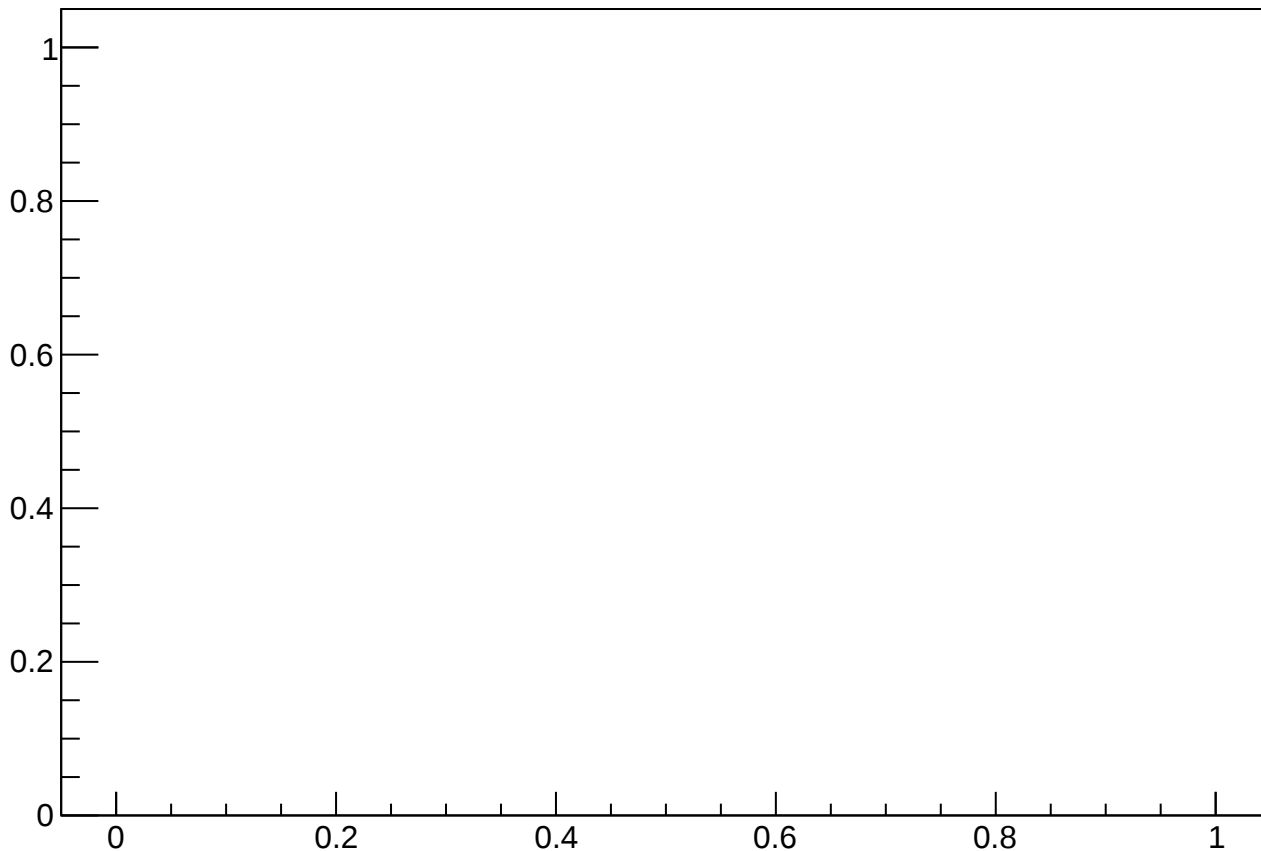
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

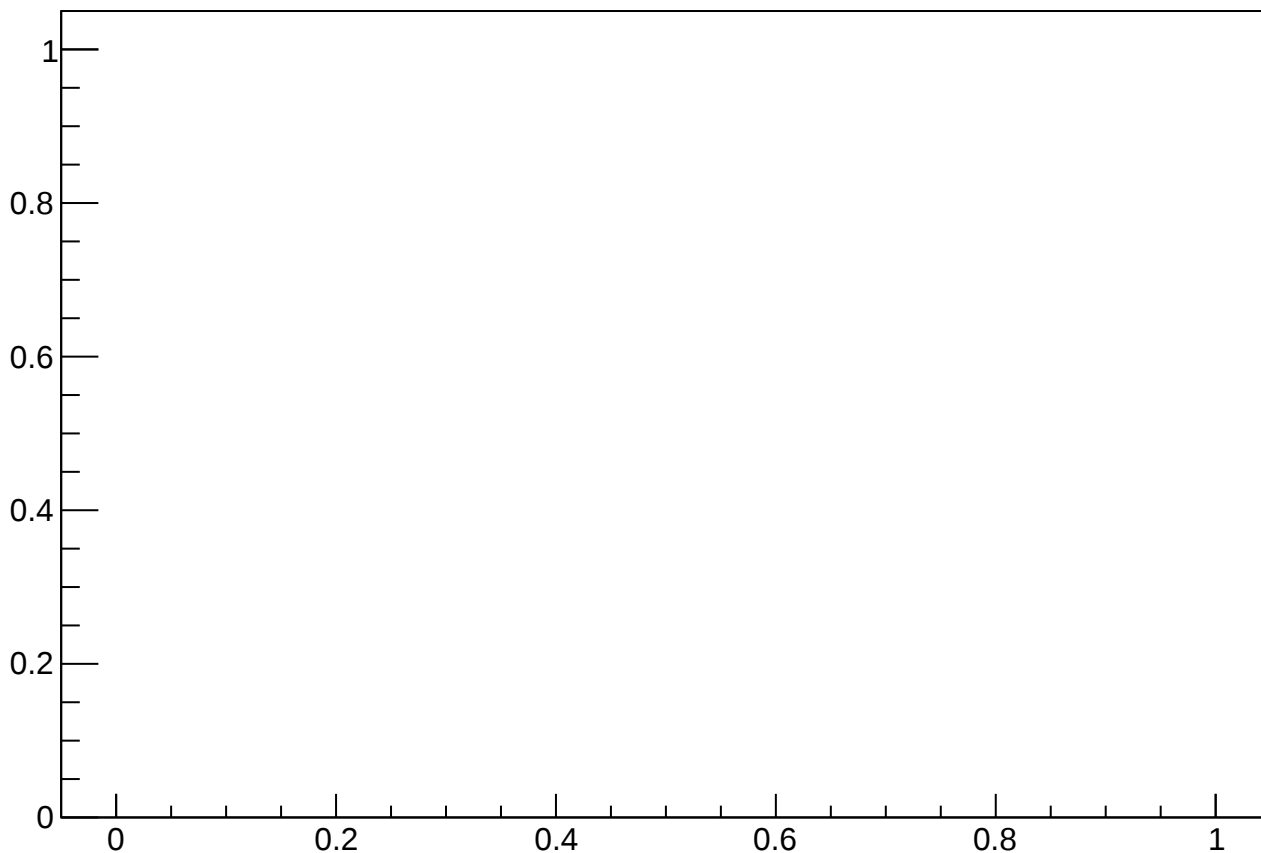
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

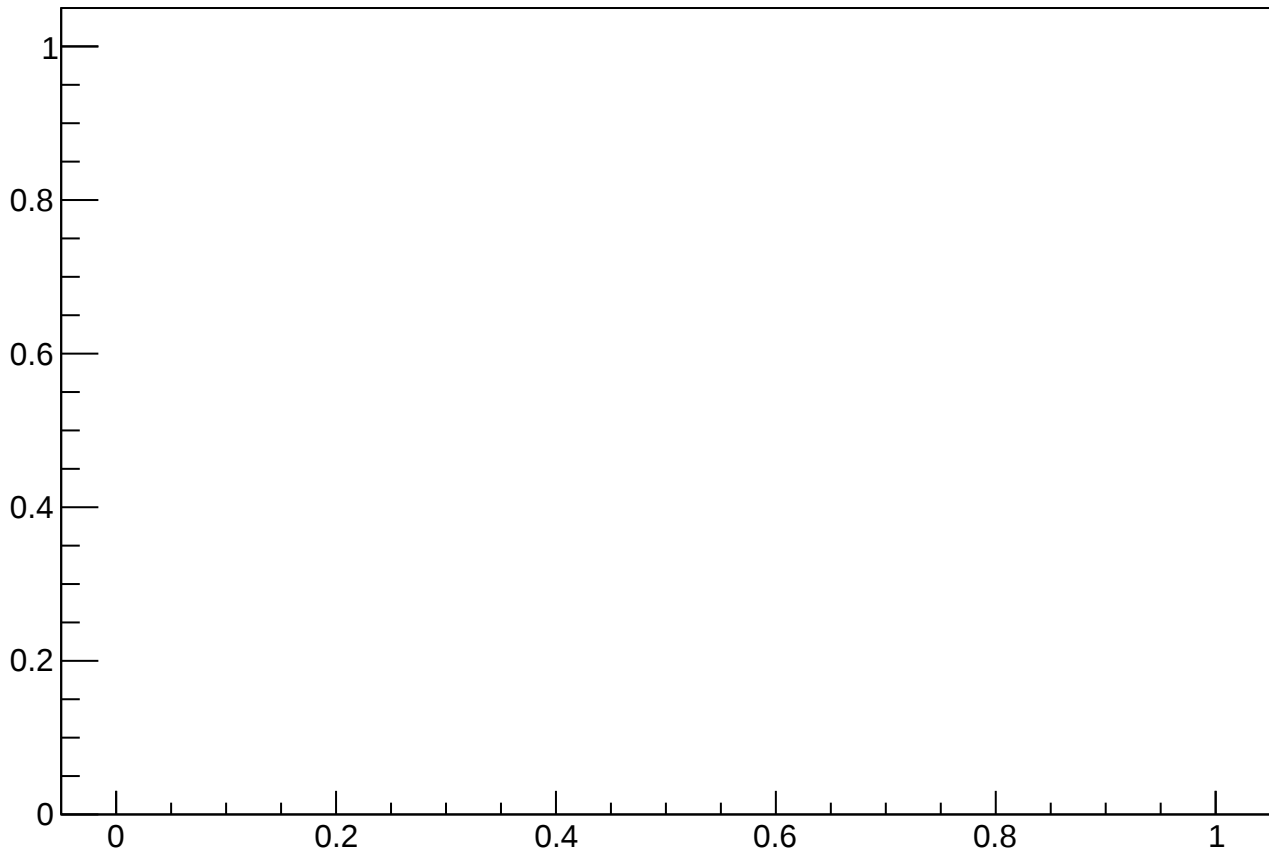
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

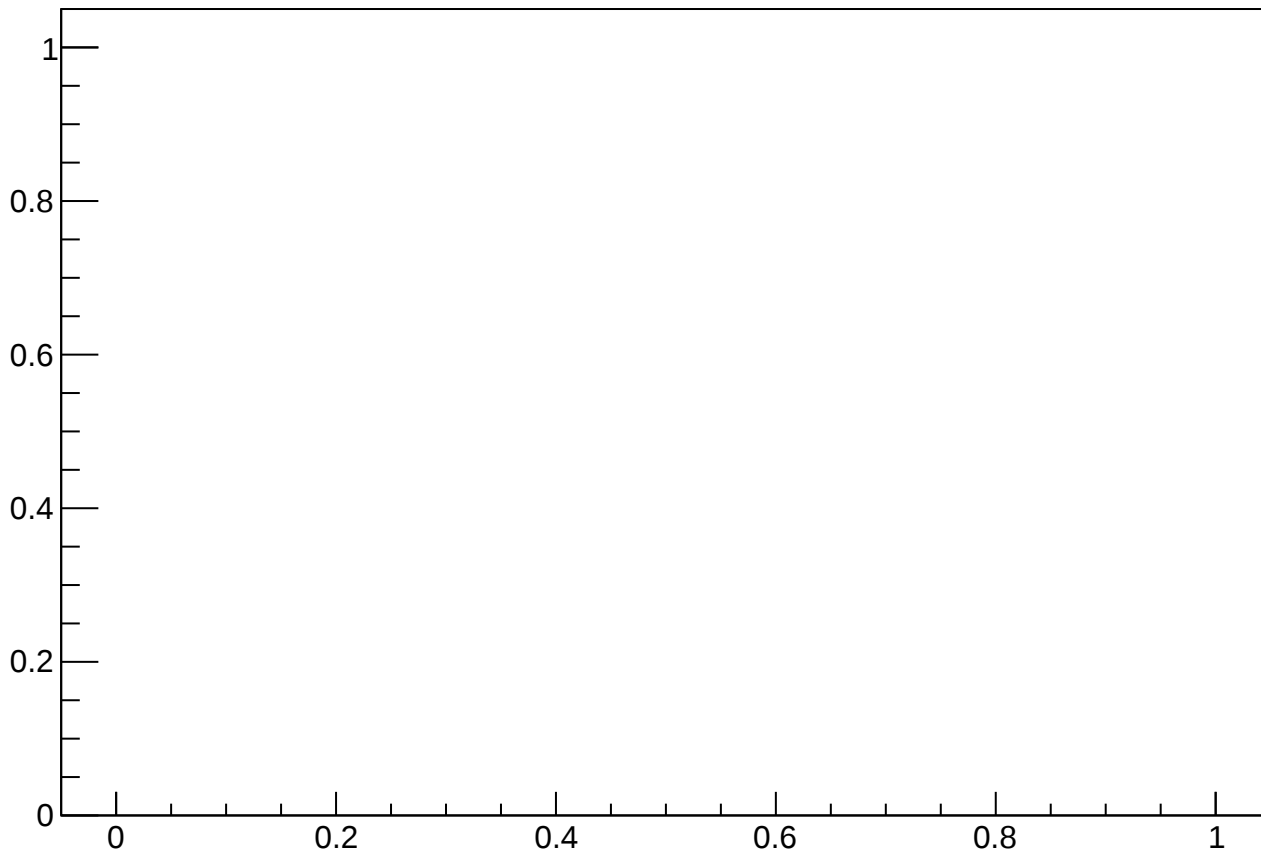
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

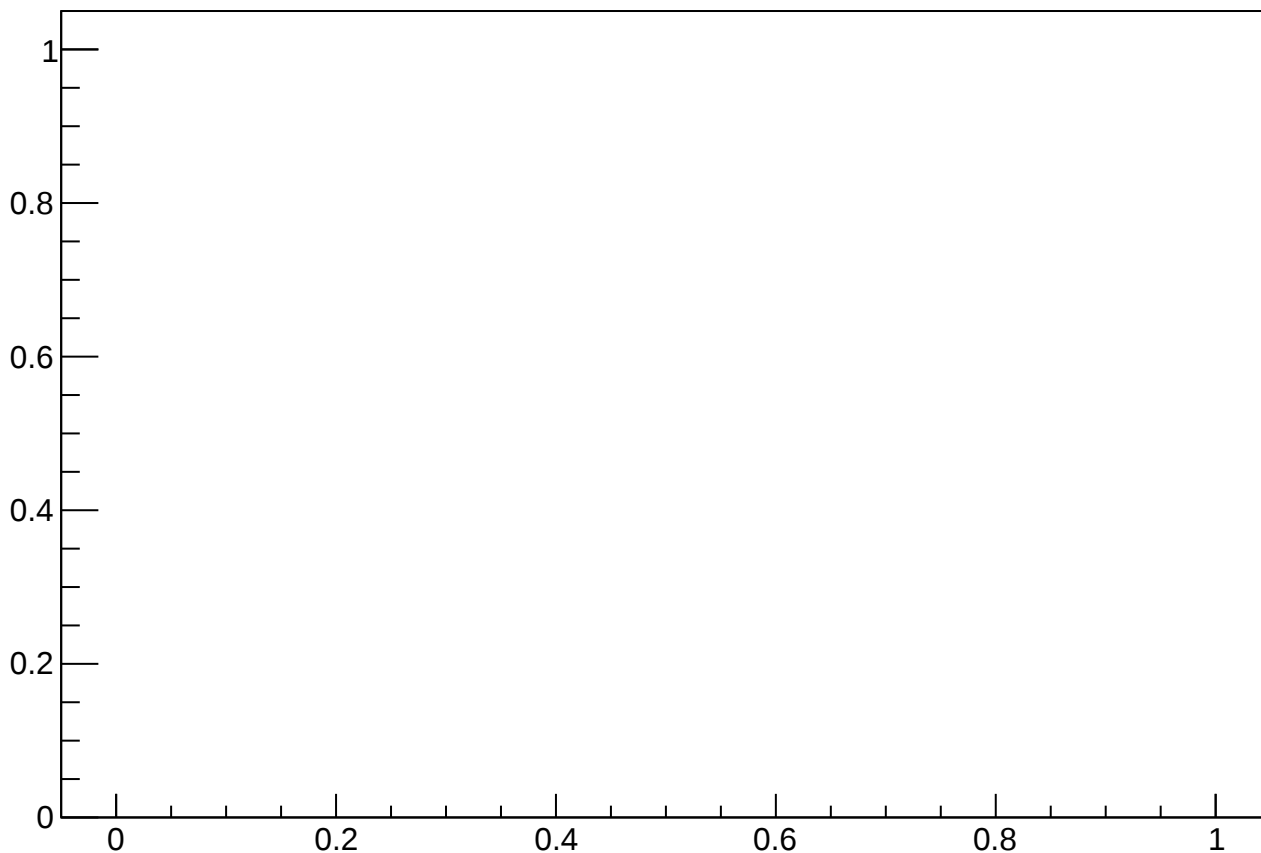
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

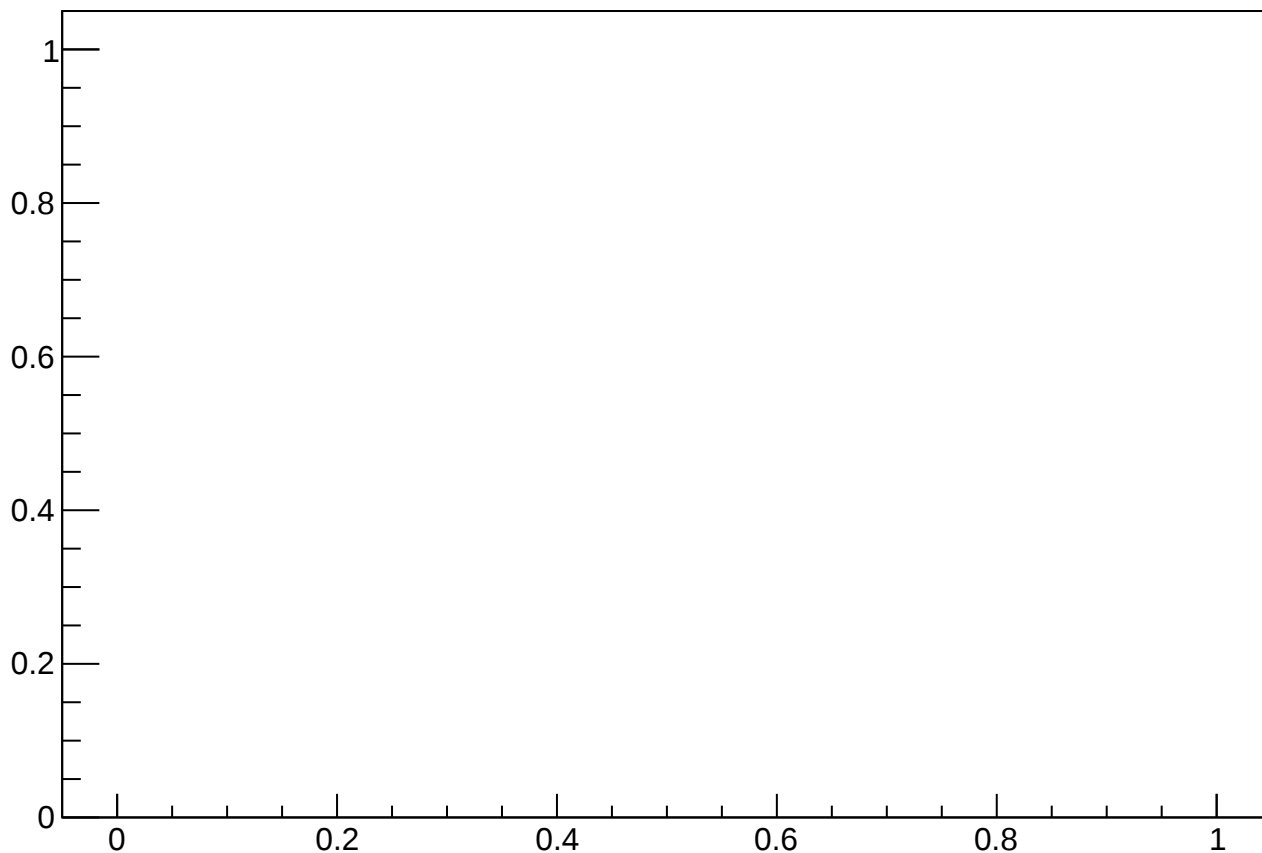
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

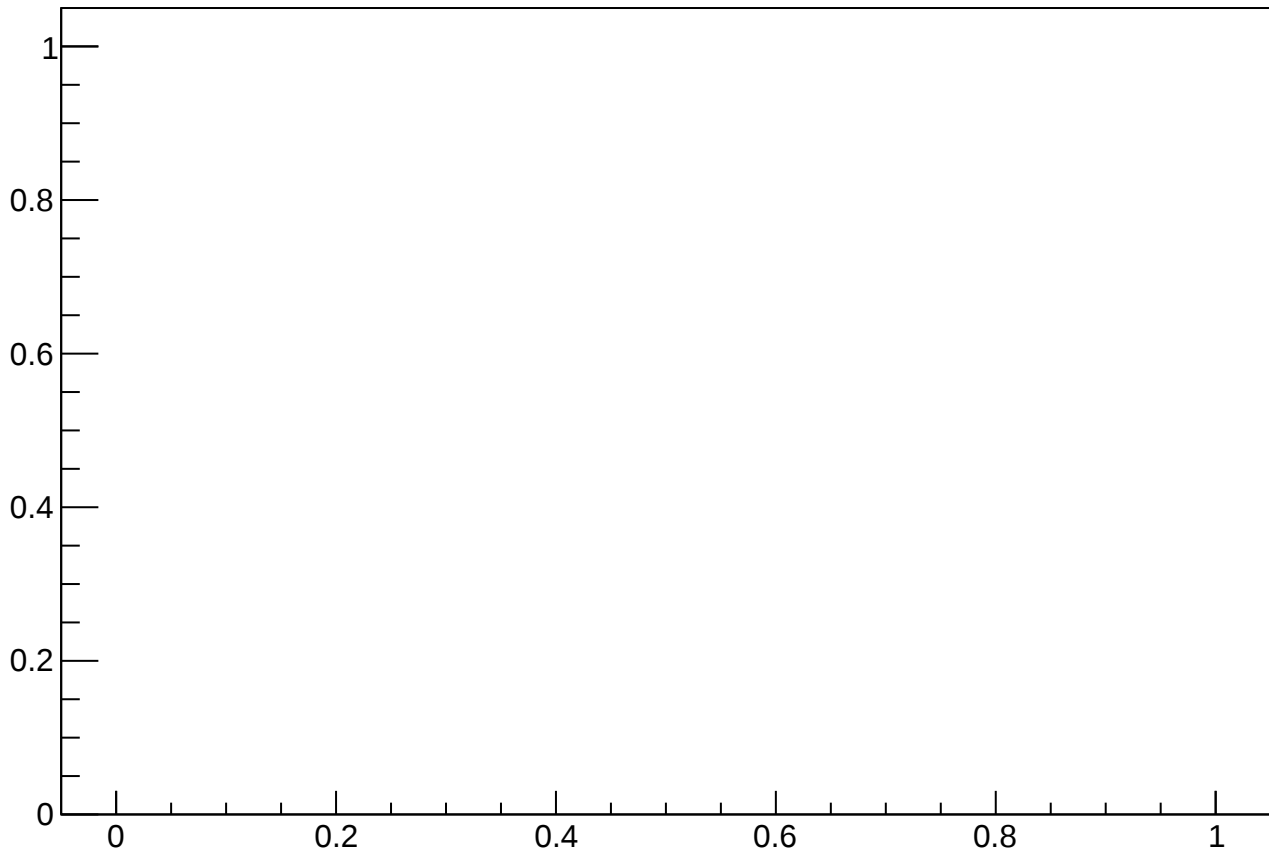
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

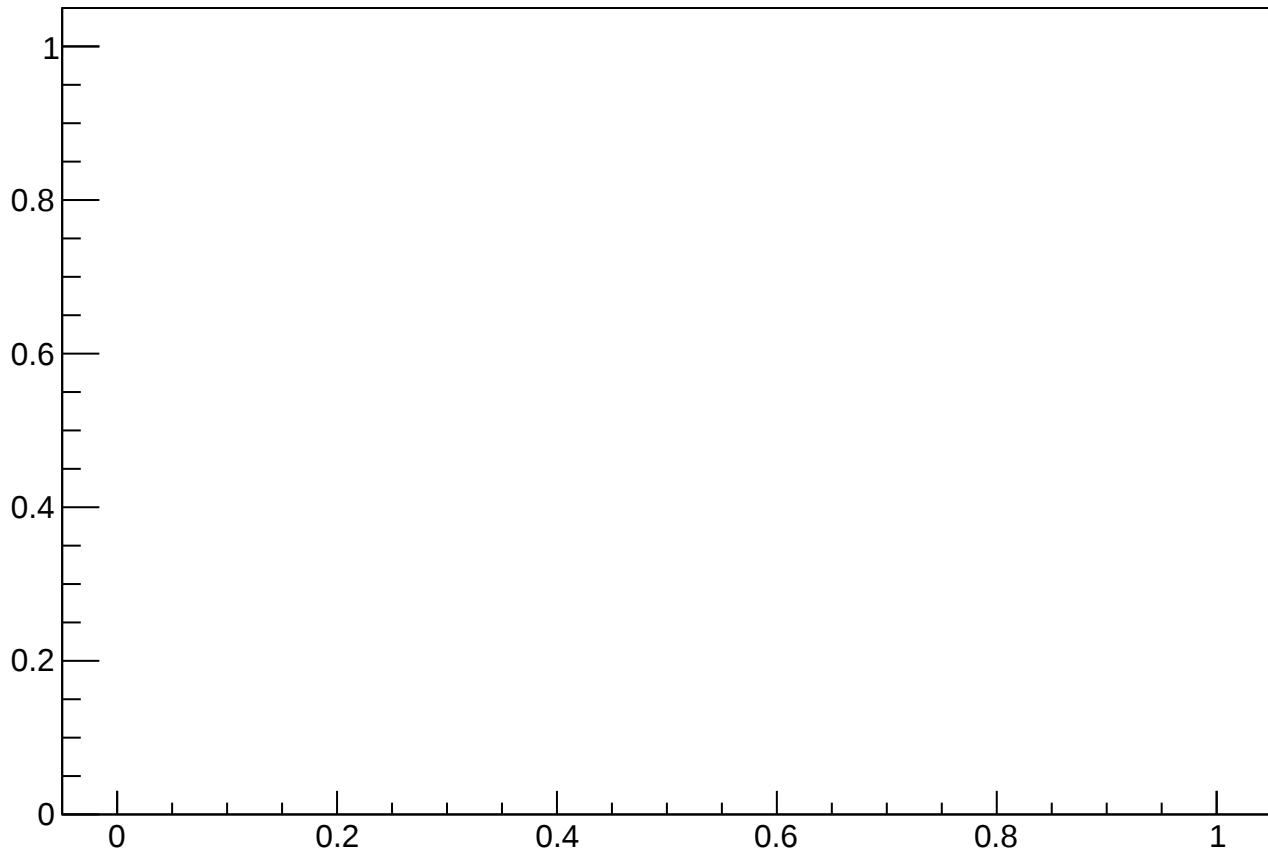
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

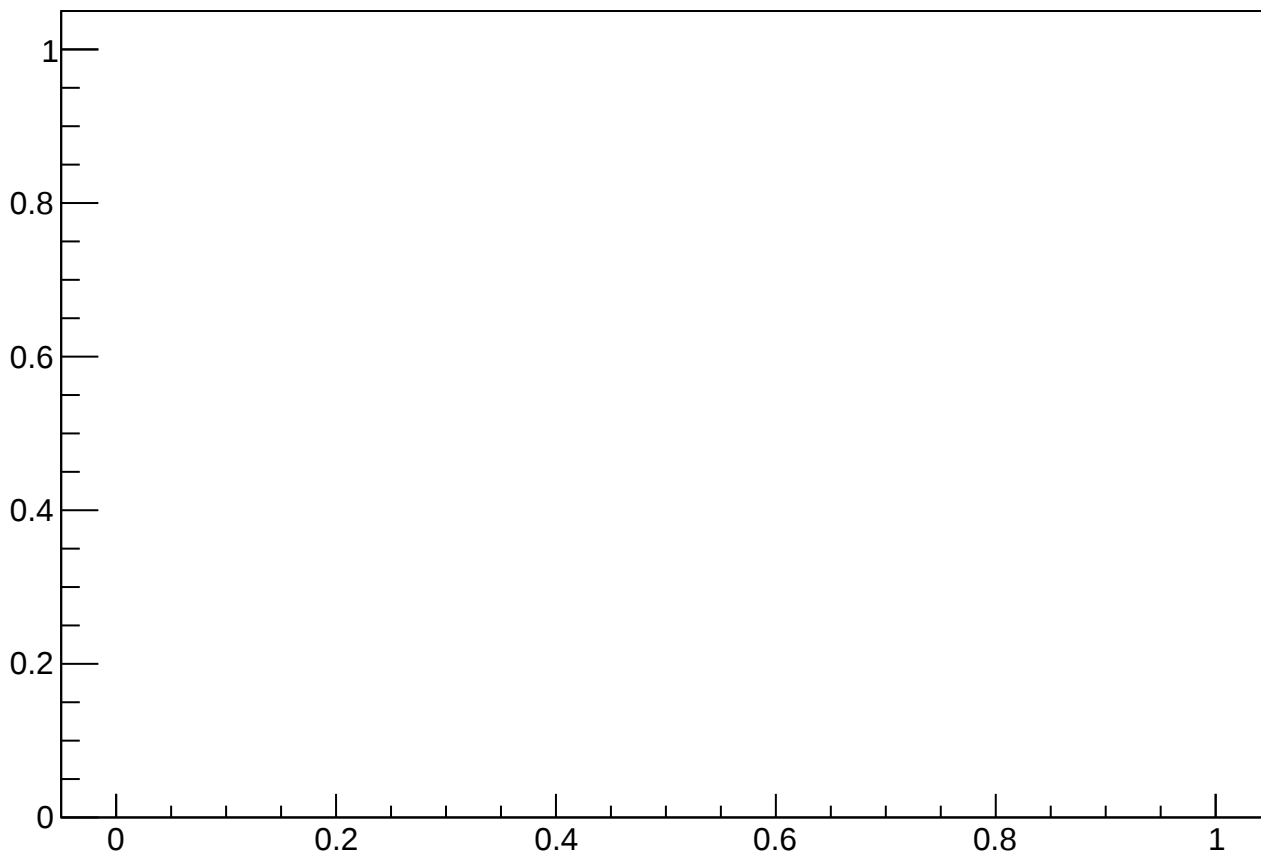
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

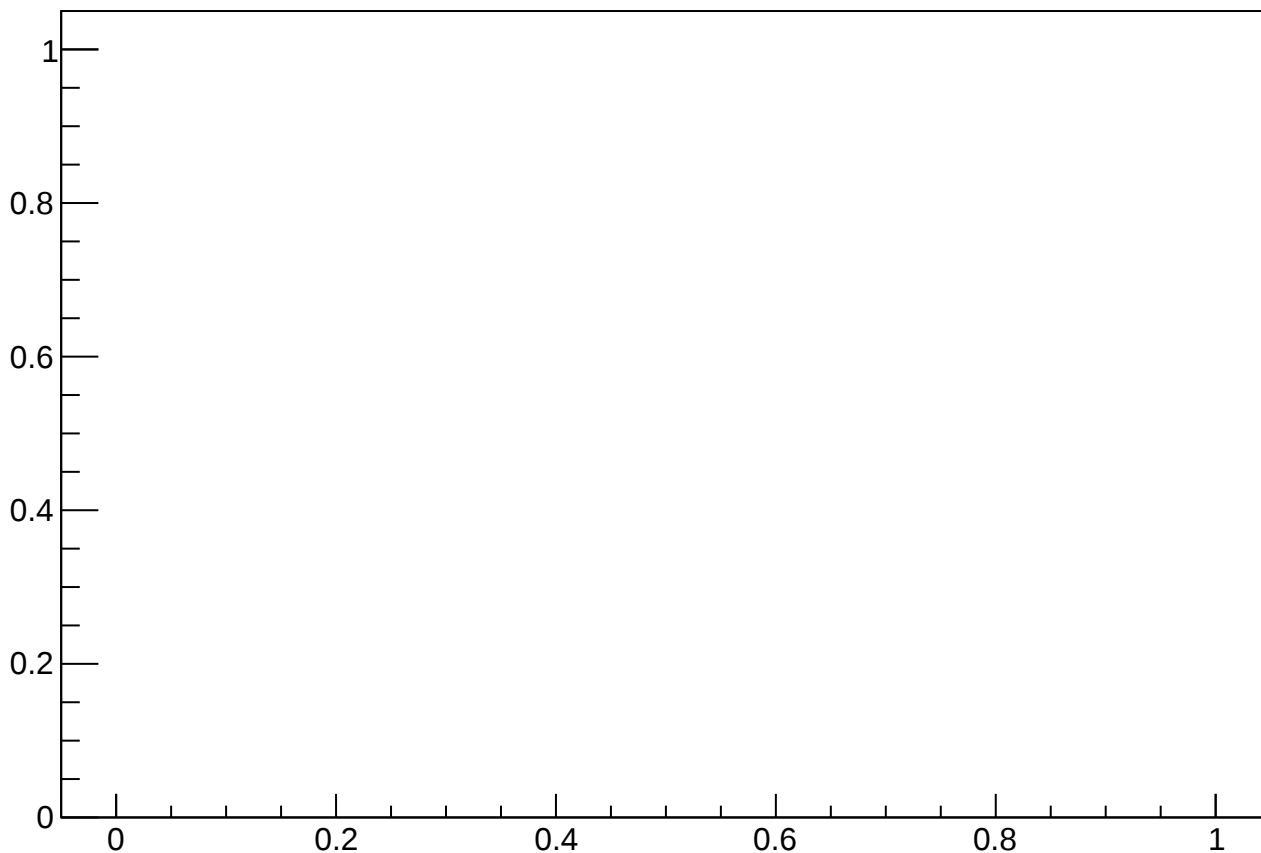
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

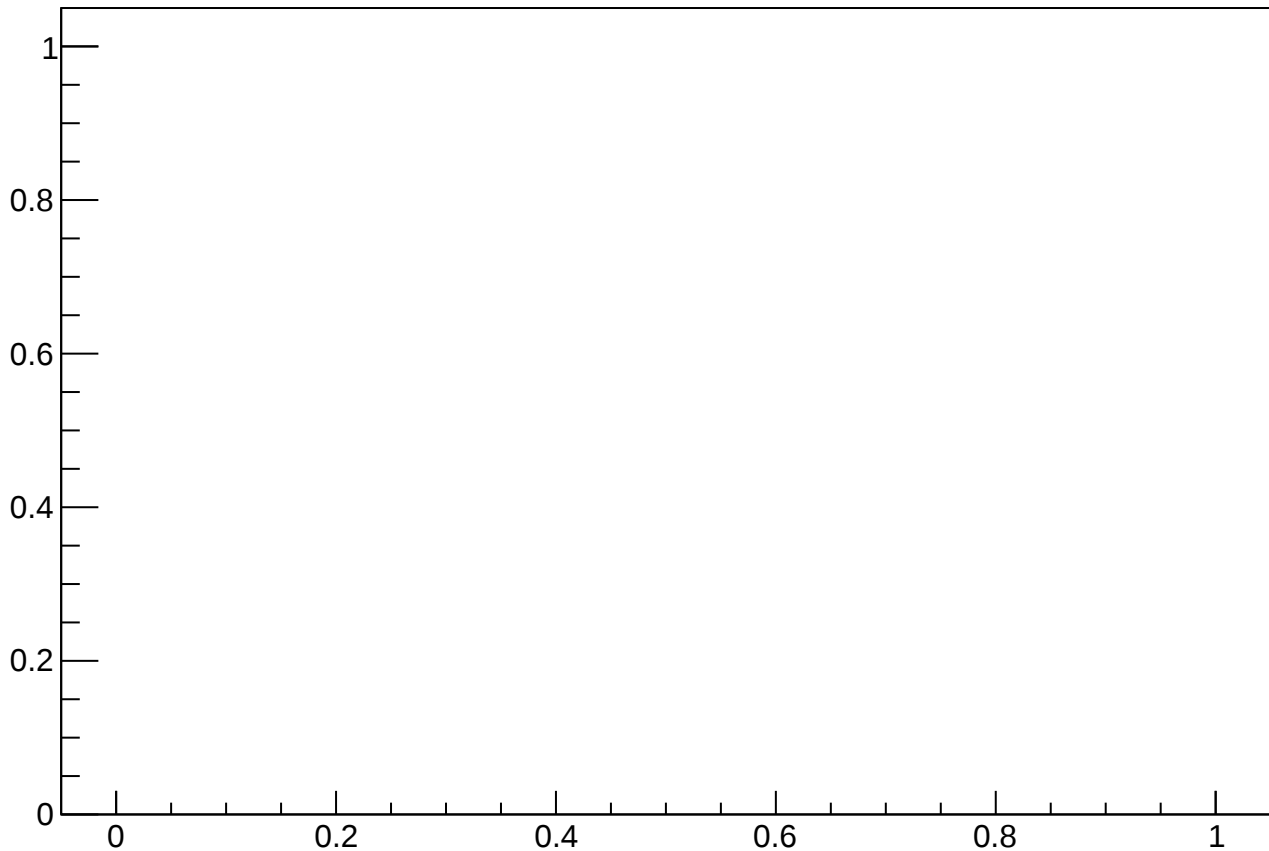
dit_run_mean vs Slug, Sign Corrected



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

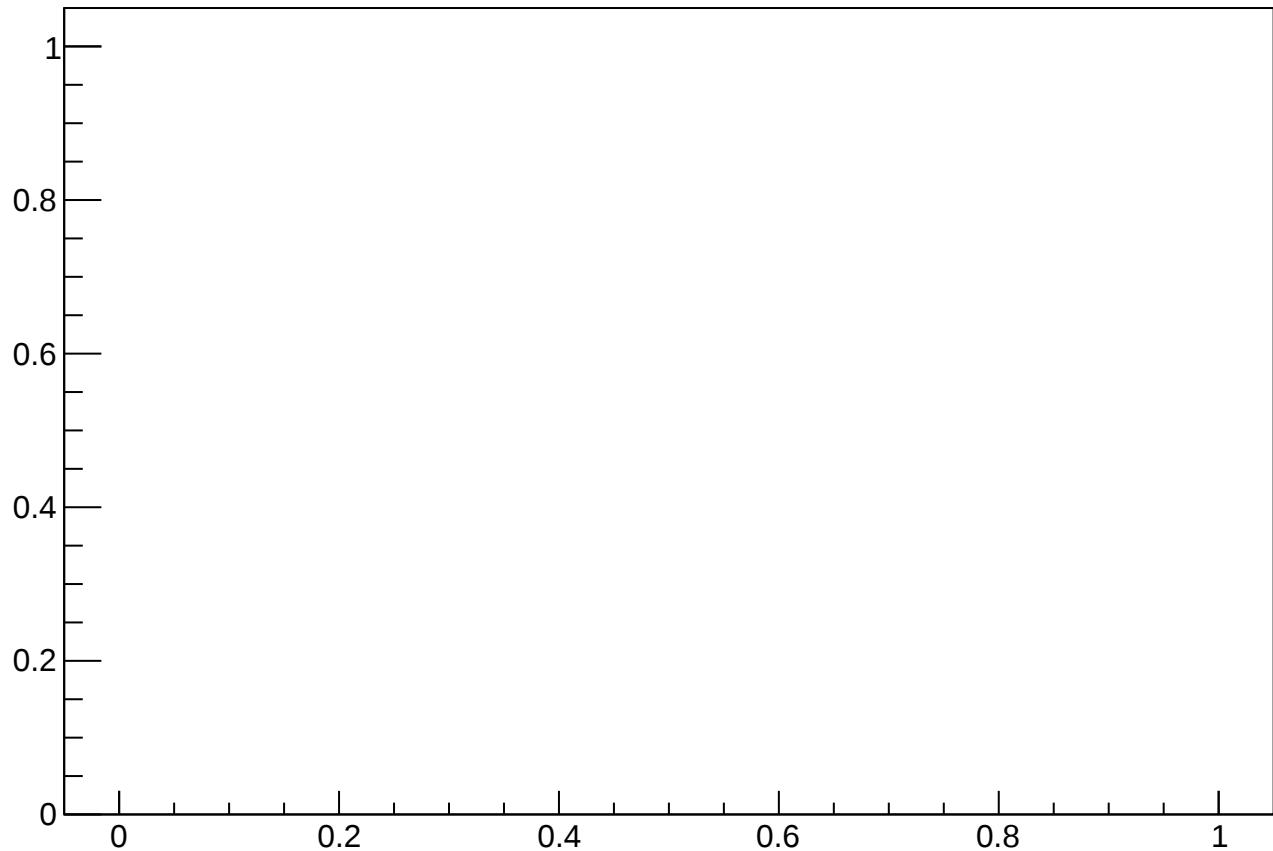
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

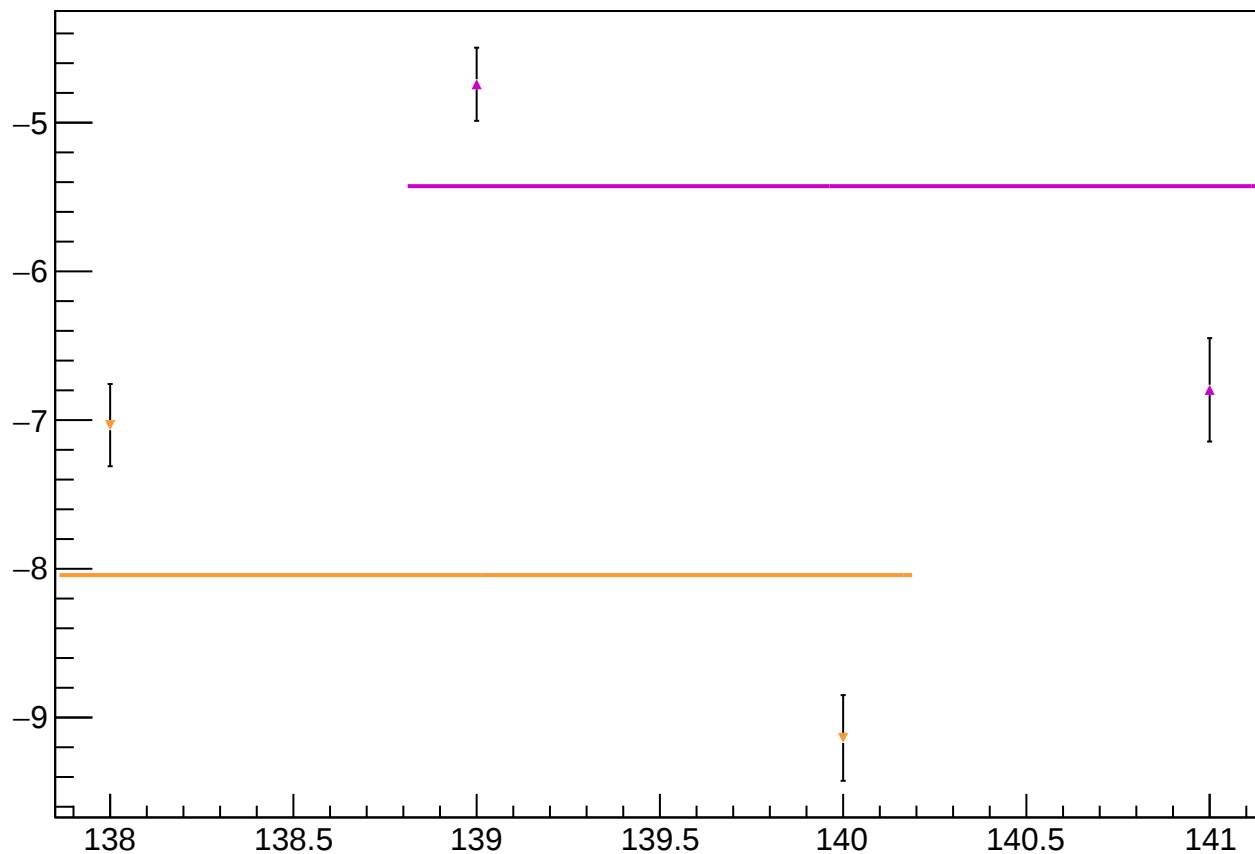
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -8.042+/-0.199 χ^2/NDF :27.8/1

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: -6.743+/-0.142 χ^2/NDF : 136.4/3

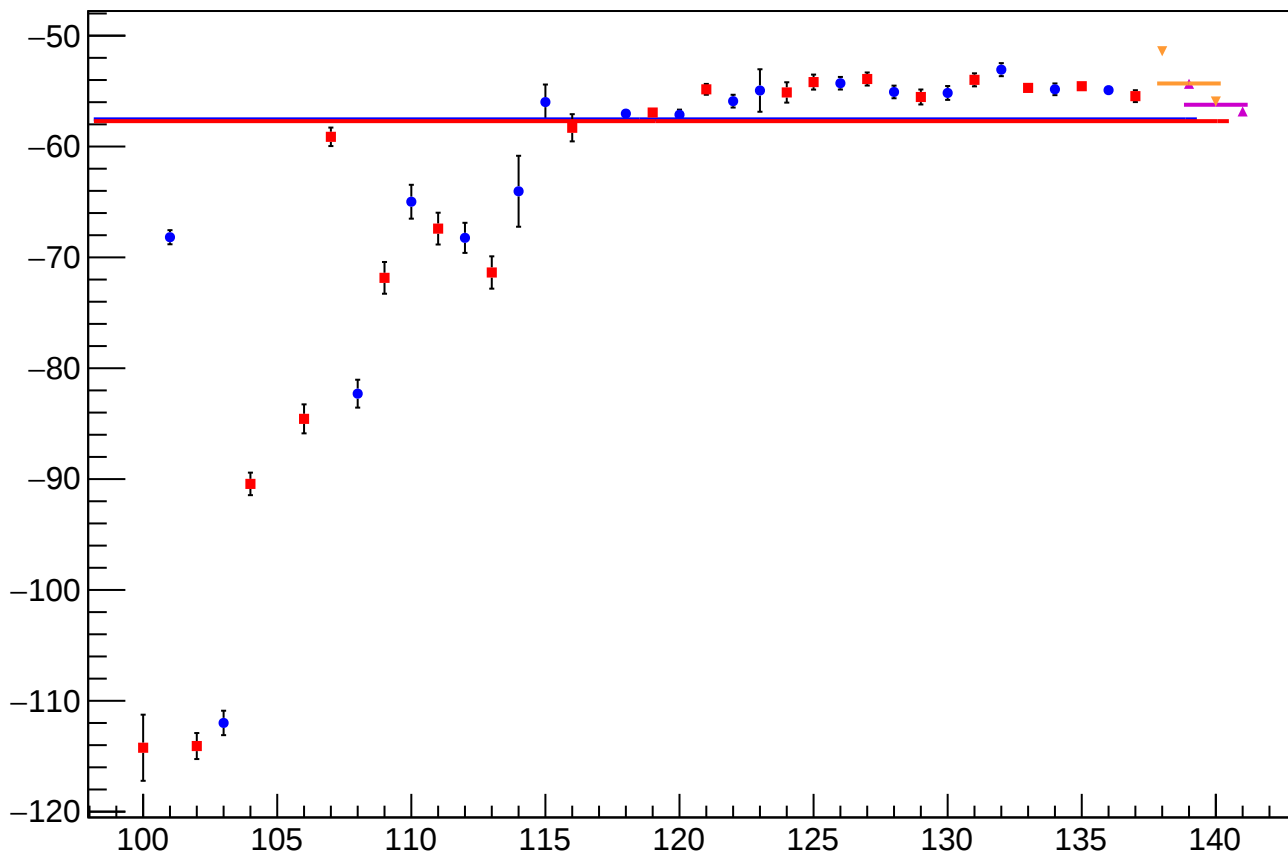
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.427+/-0.201 χ^2/NDF :23.3/1

Out: -8.042+/-0.199 χ^2/NDF :27.8/1

All: -6.743+/-0.142 χ^2/NDF : 136.4/3

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549+/-0.142 χ^2/NDF : 3460.4/16

Left Out: -54.312+/-0.193 χ^2/NDF :126.9/1

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: -55.153+/-0.145 χ^2/NDF : 194.1/3

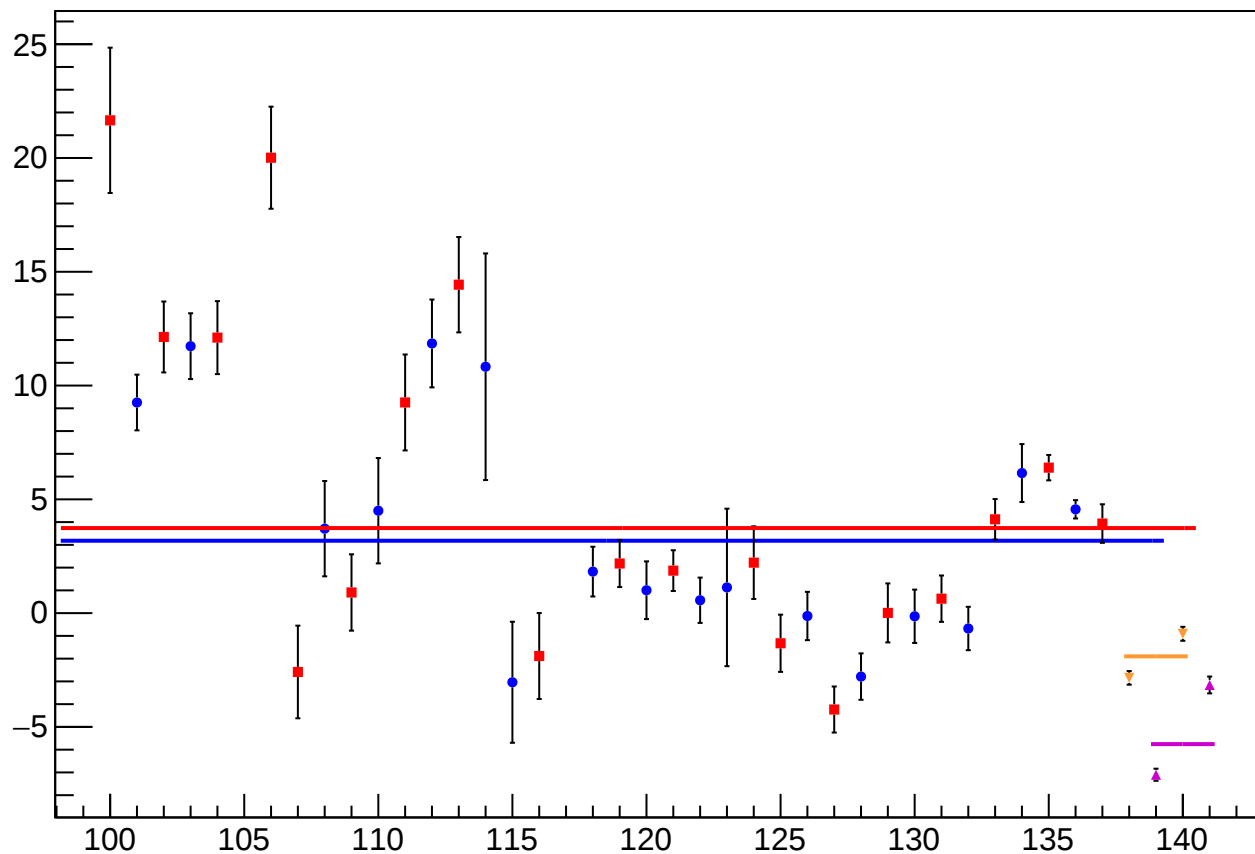
Right: -57.629+/-0.101 χ^2/NDF : 8164.8/35

In: -57.160+/-0.119 χ^2/NDF :3509.8/18

Out: -56.508+/-0.115 χ^2/NDF :5031.2/20

All: -56.823+/-0.083 χ^2/NDF : 8556.5/39

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -1.899 ± 0.215 χ^2/NDF : 20.3/1

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: -3.815 ± 0.152 χ^2/NDF : 255.7/3

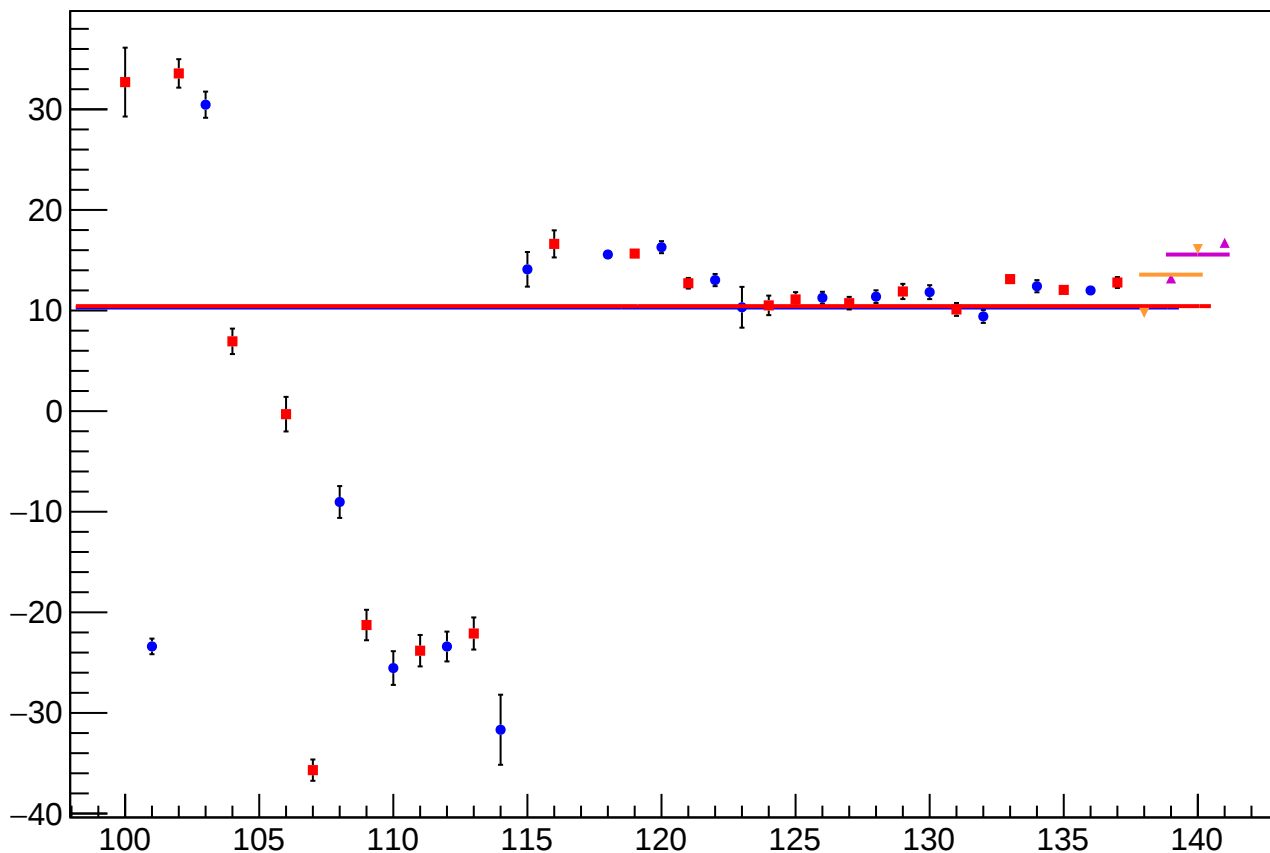
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -2.072 ± 0.166 χ^2/NDF : 965.6/18

Out: 0.314 ± 0.167 χ^2/NDF : 612.1/20

All: -0.891 ± 0.118 χ^2/NDF : 1680.5/39

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.569+/-0.224 χ^2/NDF :192.8/1

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: 14.474+/-0.165 χ^2/NDF : 274.7/3

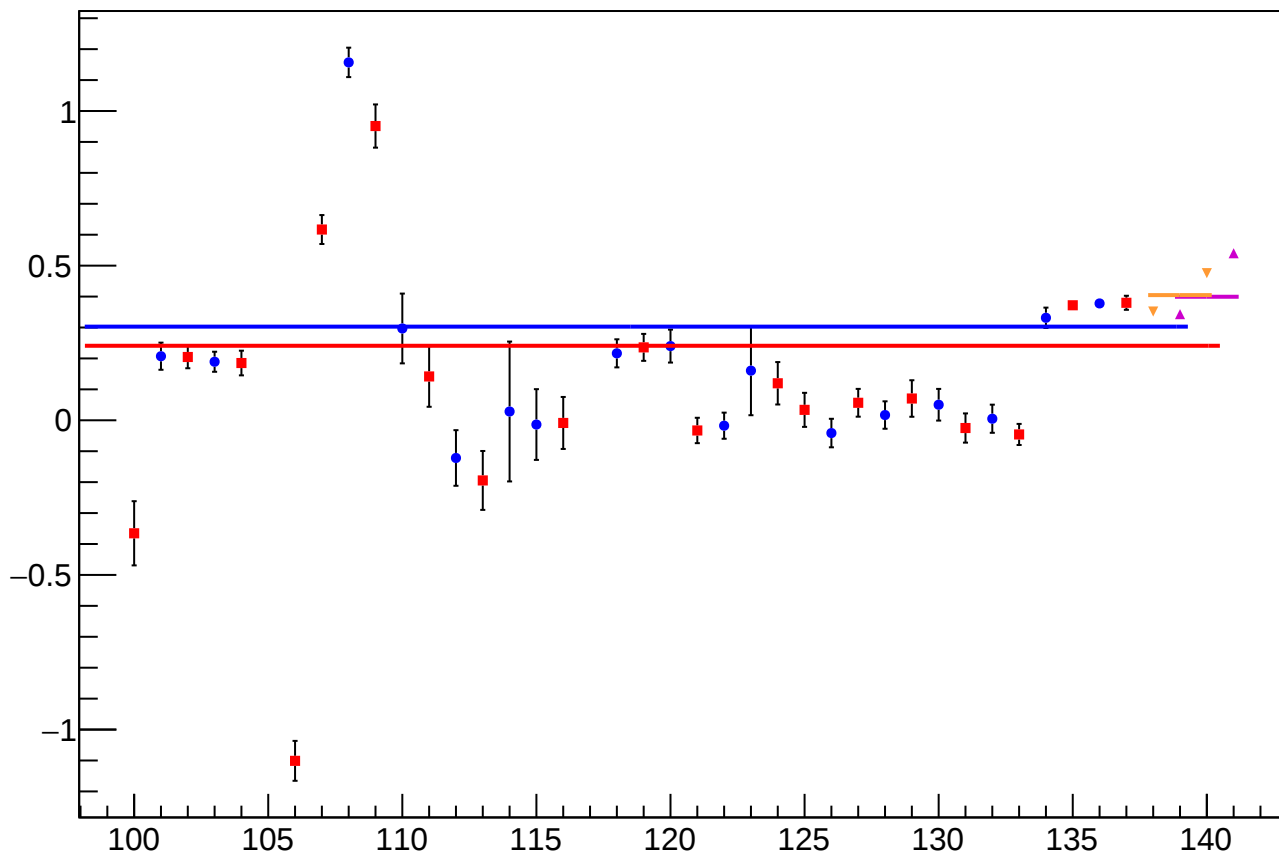
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 11.826+/-0.132 χ^2/NDF :4071.1/18

Out: 11.494+/-0.130 χ^2/NDF :4151.4/20

All: 11.657+/-0.093 χ^2/NDF : 8225.7/39

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.405 $\pm$ 0.009 χ^2 /NDF:49.7/1

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.399 $\pm$ 0.008 χ^2 /NDF:125.3/1

Left: 0.402 $\pm$ 0.006 χ^2 /NDF: 175.2/3

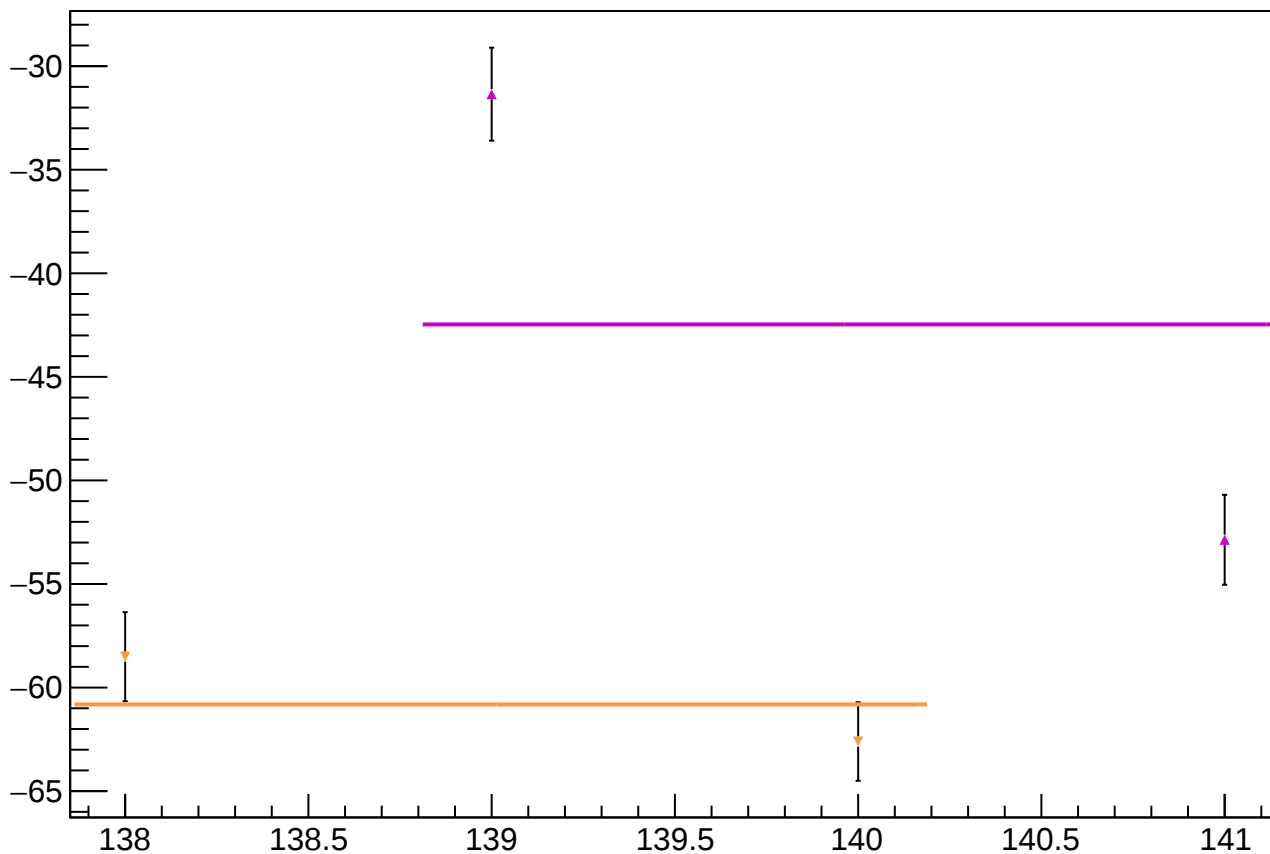
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.353 $\pm$ 0.006 χ^2 /NDF:844.1/18

Out: 0.321 $\pm$ 0.006 χ^2 /NDF:1220.0/20

All: 0.338 $\pm$ 0.004 χ^2 /NDF: 2078.8/39

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -60.813+/-1.421 χ^2/NDF : 2.0/1

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: -52.494+/-1.051 χ^2/NDF : 125.1/3

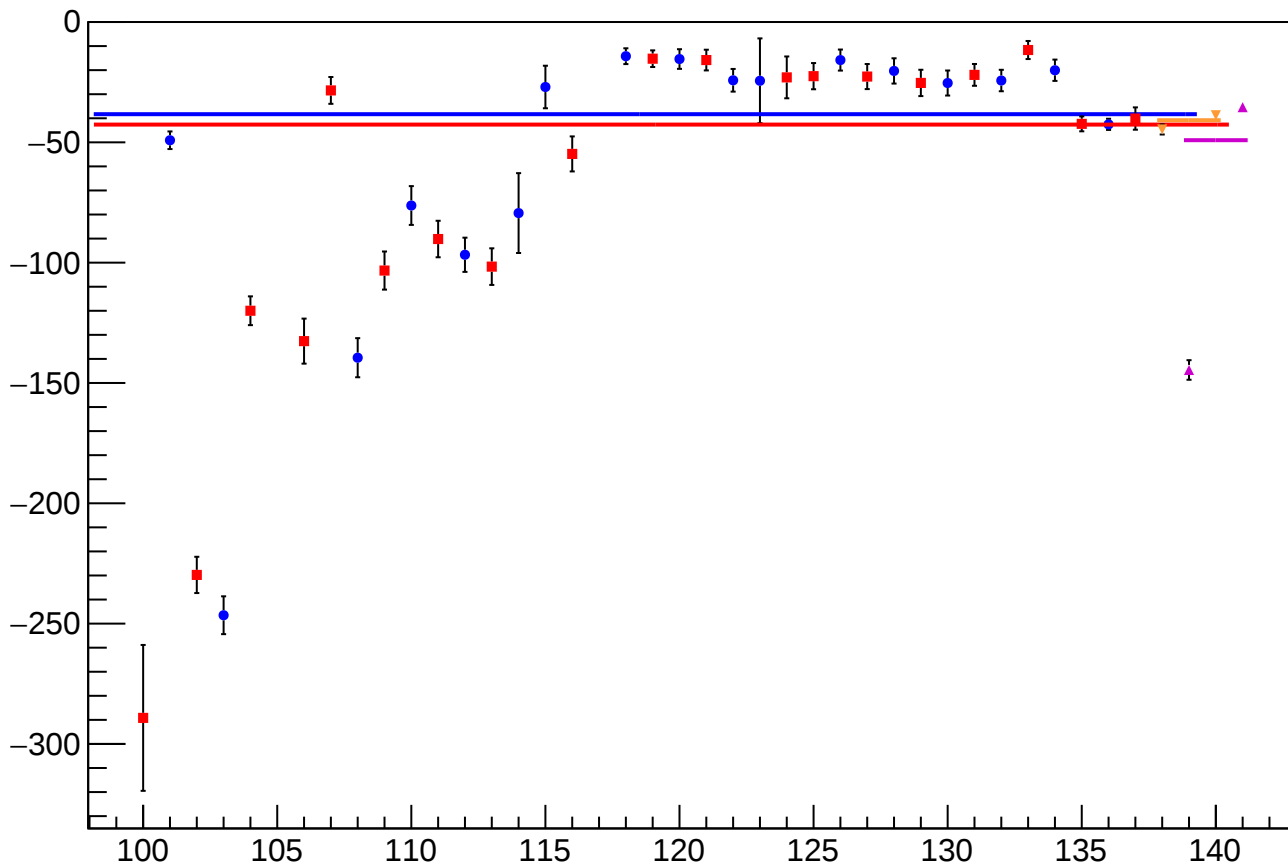
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.469+/-1.560 χ^2/NDF : 47.5/1

Out: -60.813+/-1.421 χ^2/NDF : 2.0/1

All: -52.494+/-1.051 χ^2/NDF : 125.1/3

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -40.816 ± 1.247 $\chi^2/\text{NDF}: 5.1/1$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -49.110 ± 1.443 $\chi^2/\text{NDF}: 629.1/1$

Left: -44.362 ± 0.944 $\chi^2/\text{NDF}: 653.1/3$

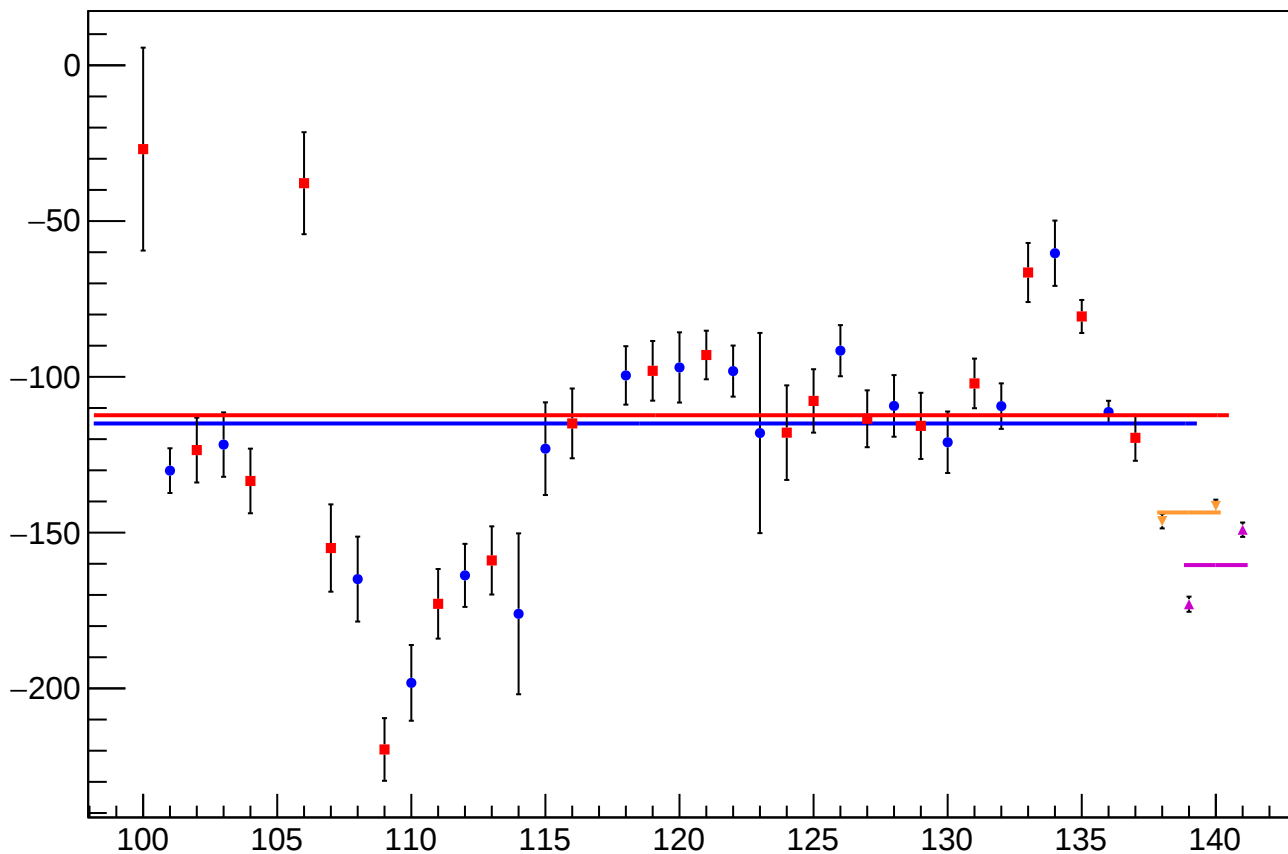
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -42.447 ± 0.894 $\chi^2/\text{NDF}: 1796.4/18$

Out: -41.748 ± 0.868 $\chi^2/\text{NDF}: 1350.6/20$

All: -42.088 ± 0.623 $\chi^2/\text{NDF}: 3147.3/39$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 χ^2/NDF : 141.4/16

Left Out: -143.529 ± 1.525 χ^2/NDF : 2.5/1

Right Out: -112.320 ± 2.205 χ^2/NDF : 274.0/18

Left In: -160.415 ± 1.673 χ^2/NDF : 51.0/1

Left: -151.194 ± 1.127 χ^2/NDF : 109.1/3

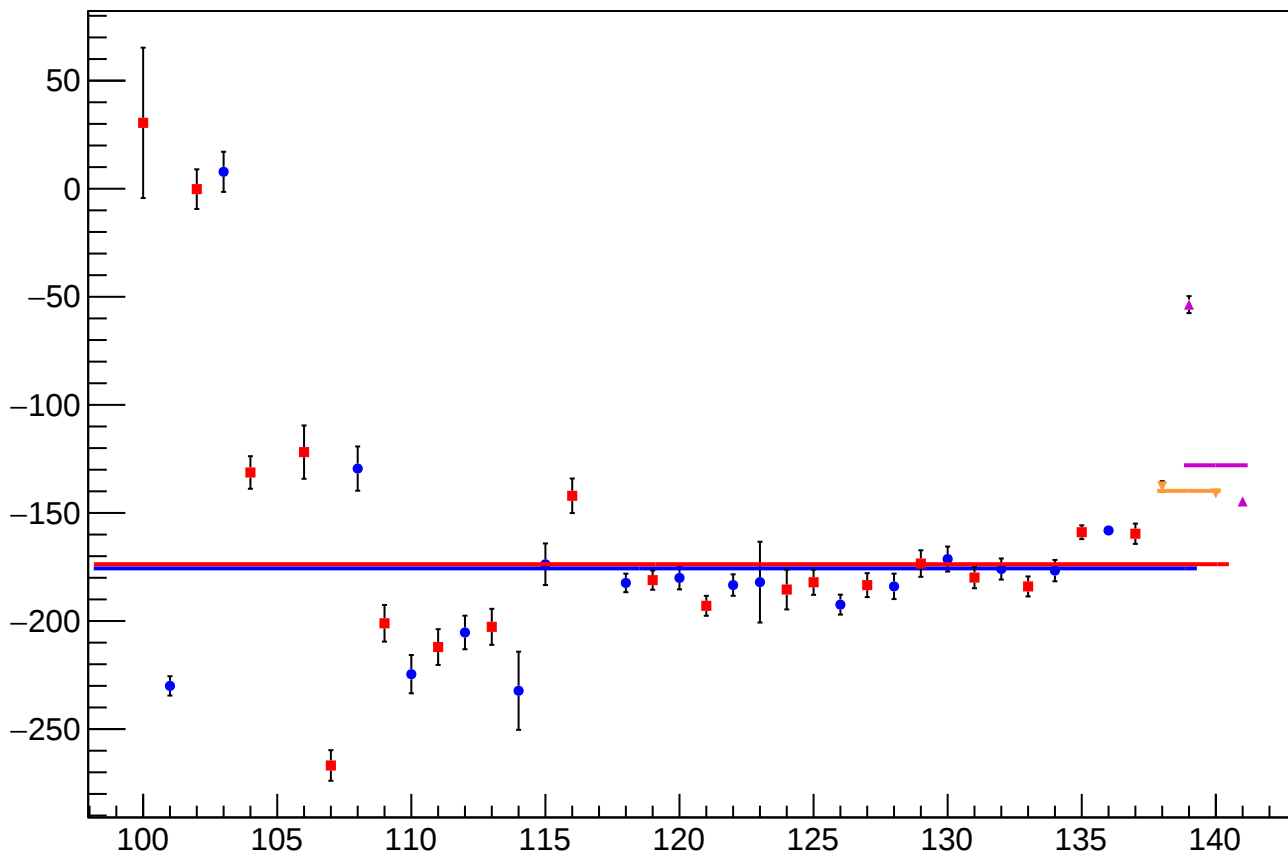
Right: -113.725 ± 1.511 χ^2/NDF : 416.2/35

In: -142.510 ± 1.302 χ^2/NDF : 483.2/18

Out: -133.430 ± 1.254 χ^2/NDF : 412.0/20

All: -137.800 ± 0.903 χ^2/NDF : 920.4/39

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -139.772 ± 1.481 χ^2/NDF : 1.1/1

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: -134.601 ± 1.111 χ^2/NDF : 469.0/3

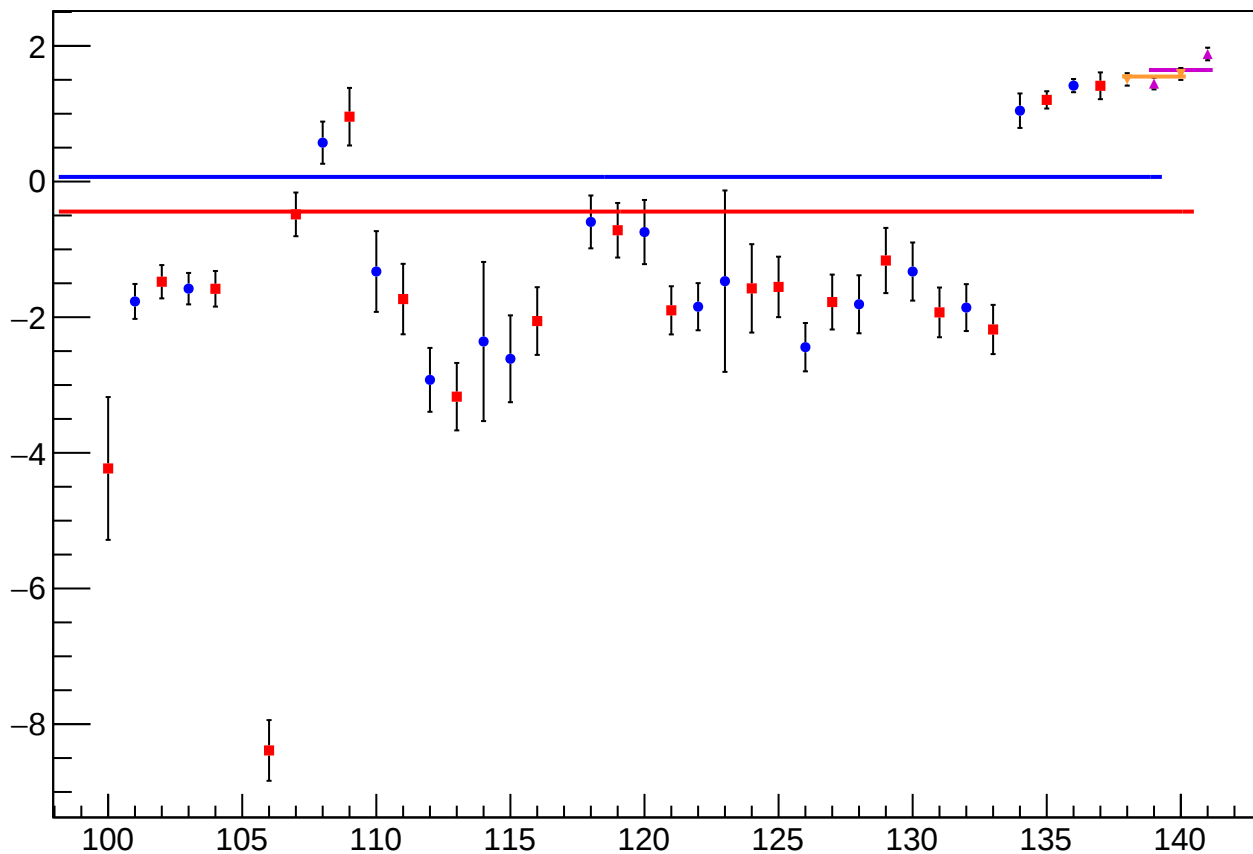
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -158.328 ± 1.013 χ^2/NDF : 1645.2/18

Out: -158.263 ± 1.000 χ^2/NDF : 1025.1/20

All: -158.295 ± 0.711 χ^2/NDF : 2670.3/39

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: 1.548 $\pm$ 0.064 χ^2 /NDF:0.4/1

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: 1.597 $\pm$ 0.045 χ^2 /NDF: 13.4/3

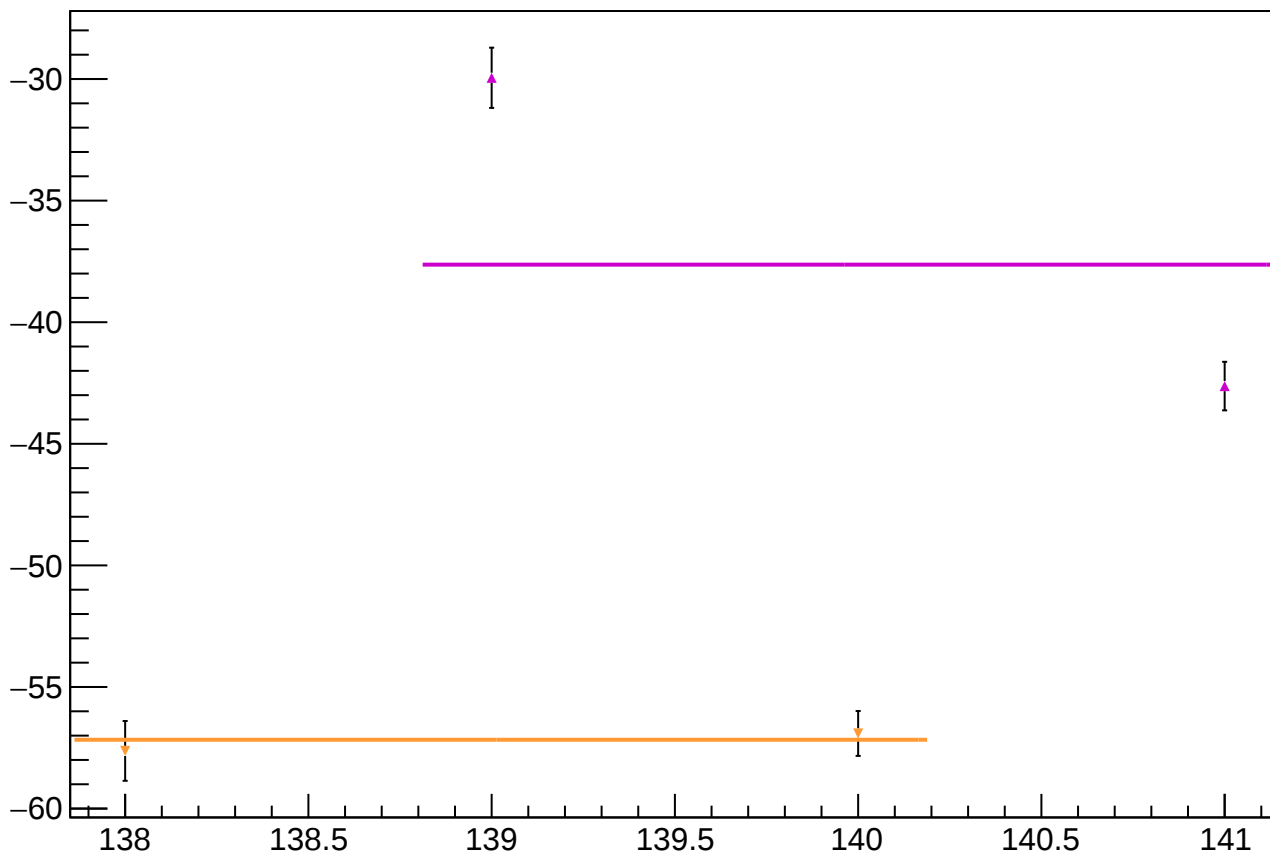
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 0.903 $\pm$ 0.046 χ^2 /NDF:830.6/18

Out: 0.662 $\pm$ 0.047 χ^2 /NDF:1191.5/20

All: 0.786 $\pm$ 0.033 χ^2 /NDF: 2035.4/39

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.169+/-0.738 χ^2/NDF : 0.2/1

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: -47.907+/-0.535 χ^2/NDF : 396.0/3

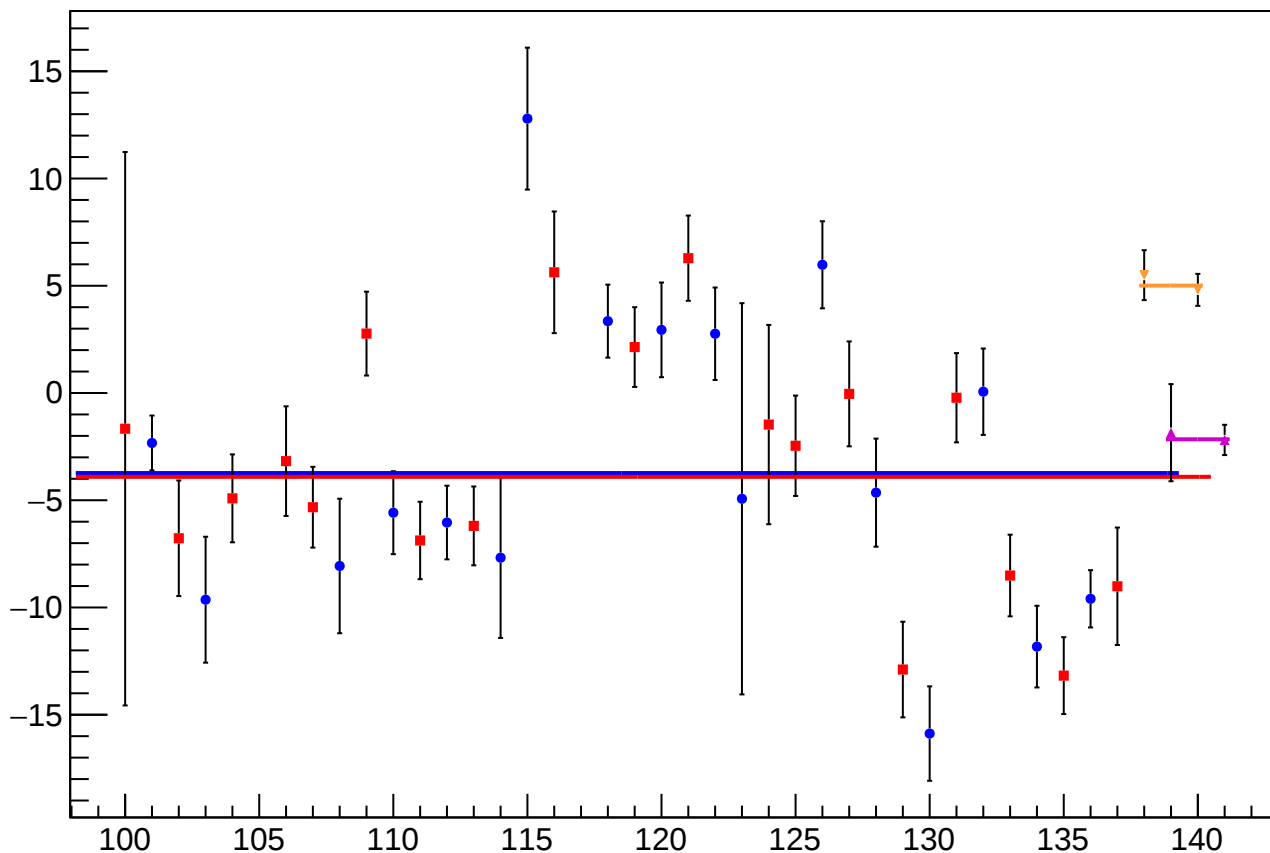
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.633+/-0.777 χ^2/NDF : 63.5/1

Out: -57.169+/-0.738 χ^2/NDF : 0.2/1

All: -47.907+/-0.535 χ^2/NDF : 396.0/3

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 5.008 ± 0.628 χ^2/NDF : 0.2/1

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: 1.677 ± 0.459 χ^2/NDF : 60.8/3

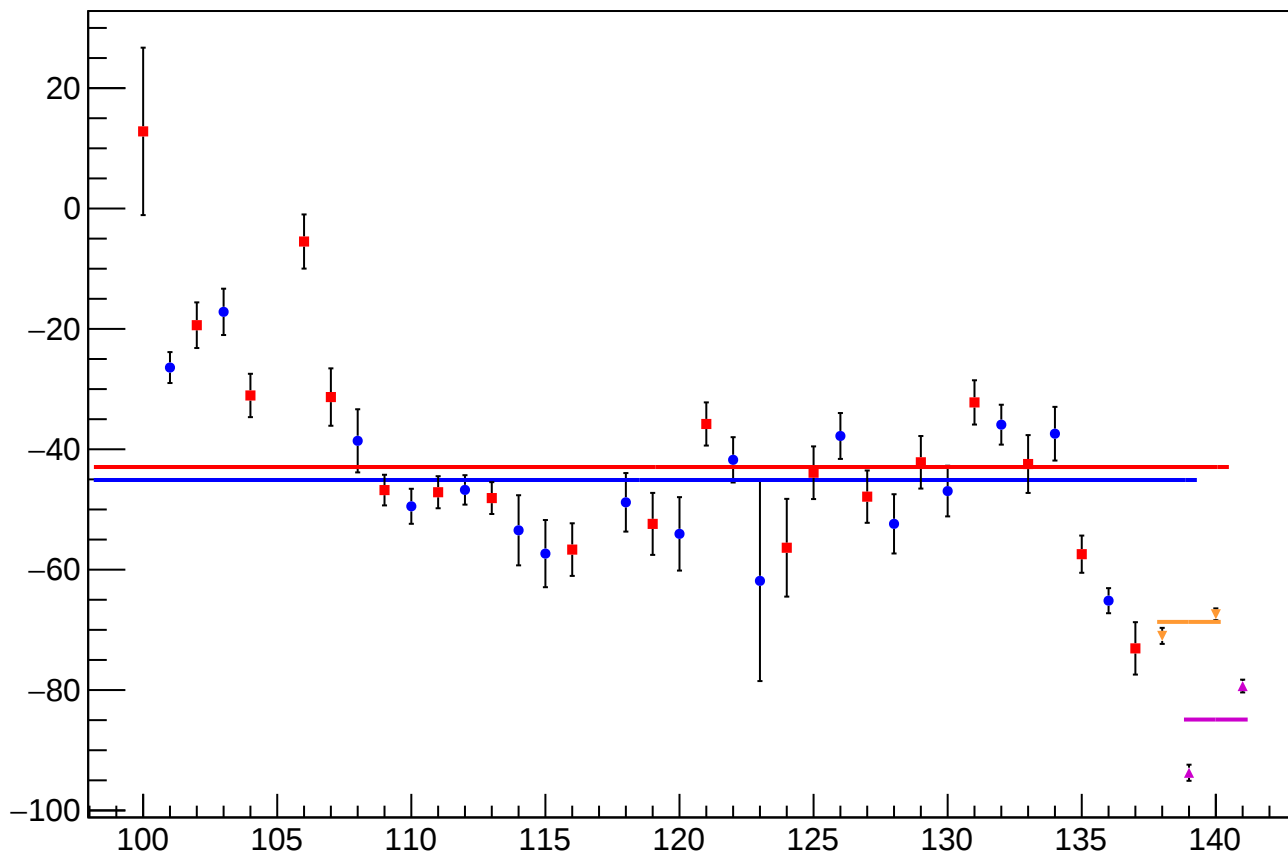
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -3.179 ± 0.399 χ^2/NDF : 169.4/18

Out: -0.392 ± 0.394 χ^2/NDF : 247.2/20

All: -1.767 ± 0.281 χ^2/NDF : 441.3/39

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -68.678 ± 0.791 χ^2/NDF : 4.7/1

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: -76.380 ± 0.573 χ^2/NDF : 275.7/3

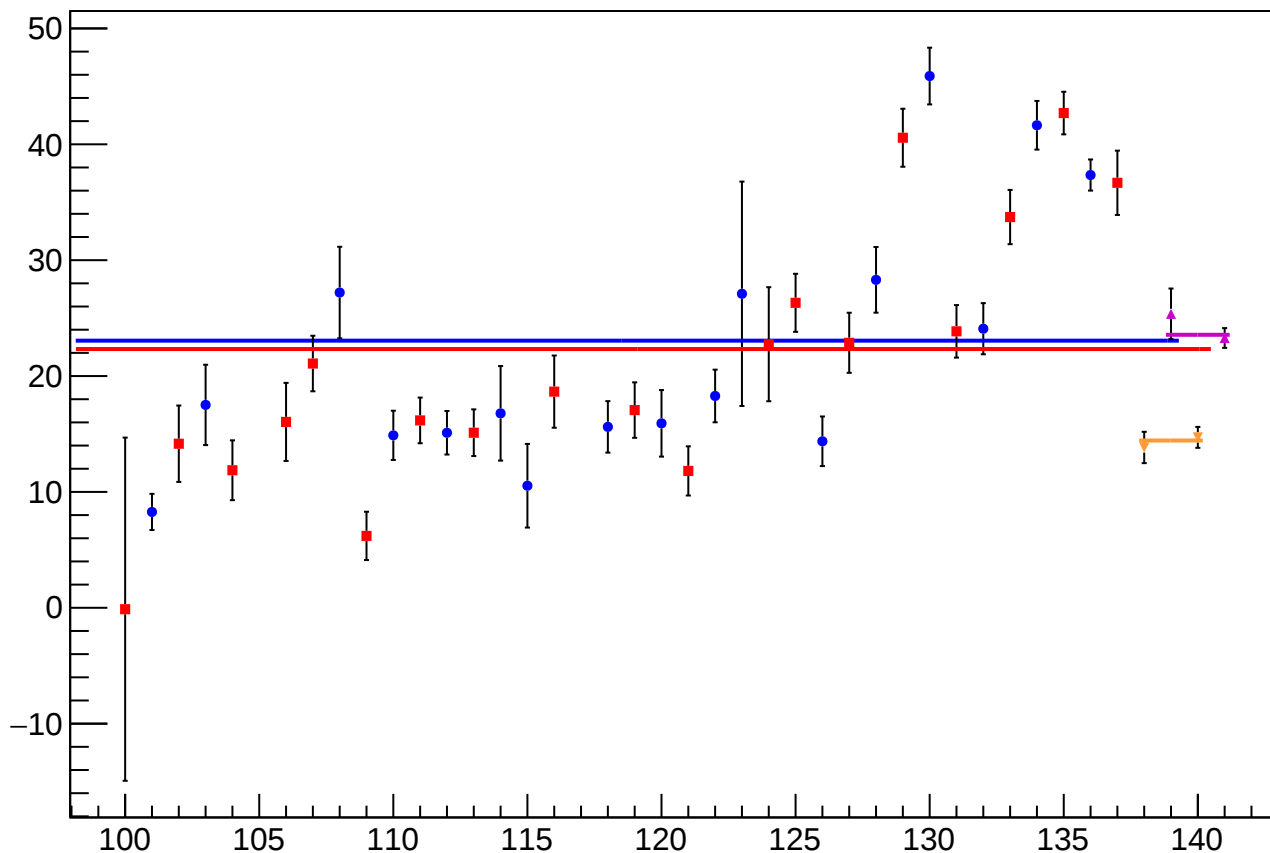
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -66.184 ± 0.605 χ^2/NDF : 1378.9/18

Out: -57.147 ± 0.587 χ^2/NDF : 728.5/20

All: -61.530 ± 0.421 χ^2/NDF : 2222.2/39

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: 14.439 $\pm$ 0.751 χ^2 /NDF:0.3/1

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: 18.745 $\pm$ 0.545 χ^2 /NDF: 70.8/3

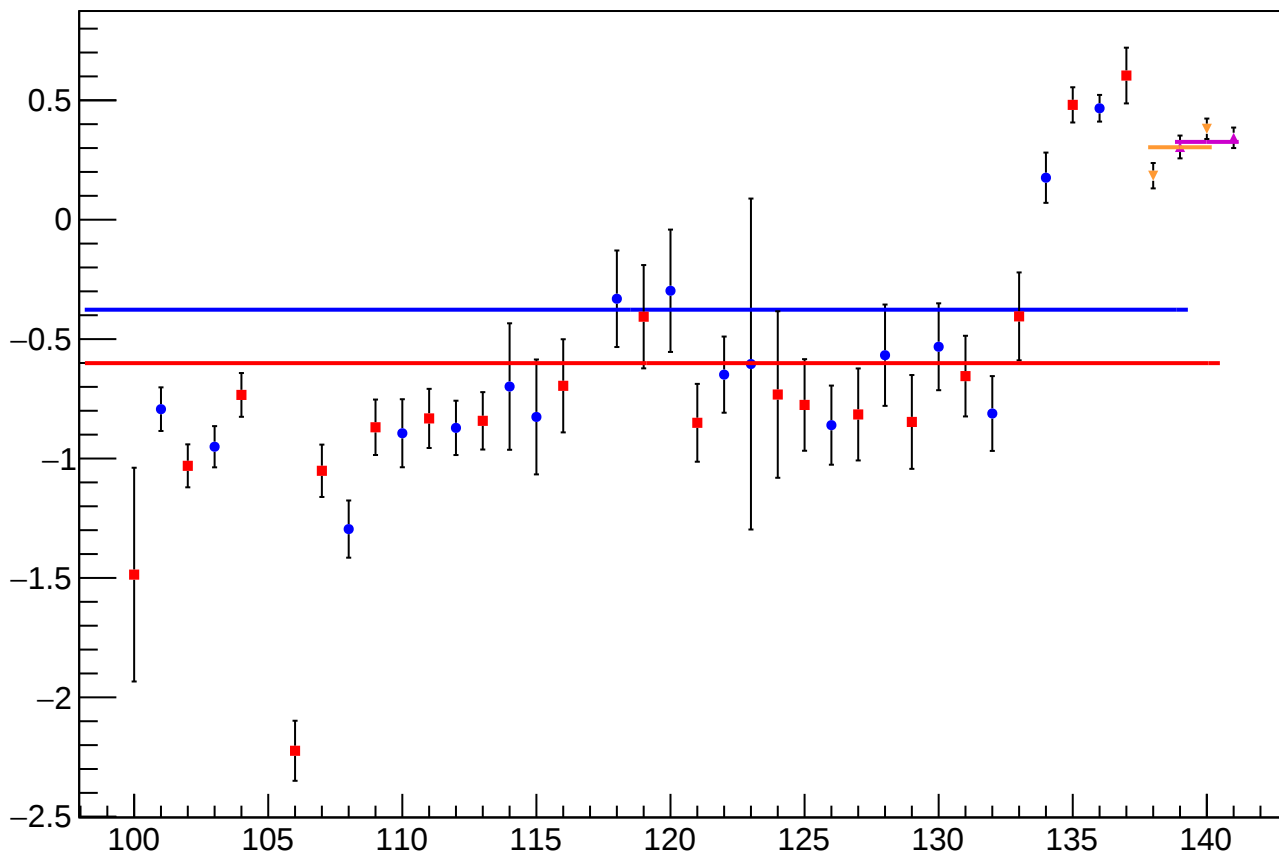
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 23.222 $\pm$ 0.456 χ^2 /NDF:462.2/18

Out: 19.431 $\pm$ 0.455 χ^2 /NDF:441.3/20

All: 21.323 $\pm$ 0.322 χ^2 /NDF: 938.1/39

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.303 ± 0.033 χ^2/NDF : 8.3/1

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: 0.315 ± 0.023 χ^2/NDF : 8.9/3

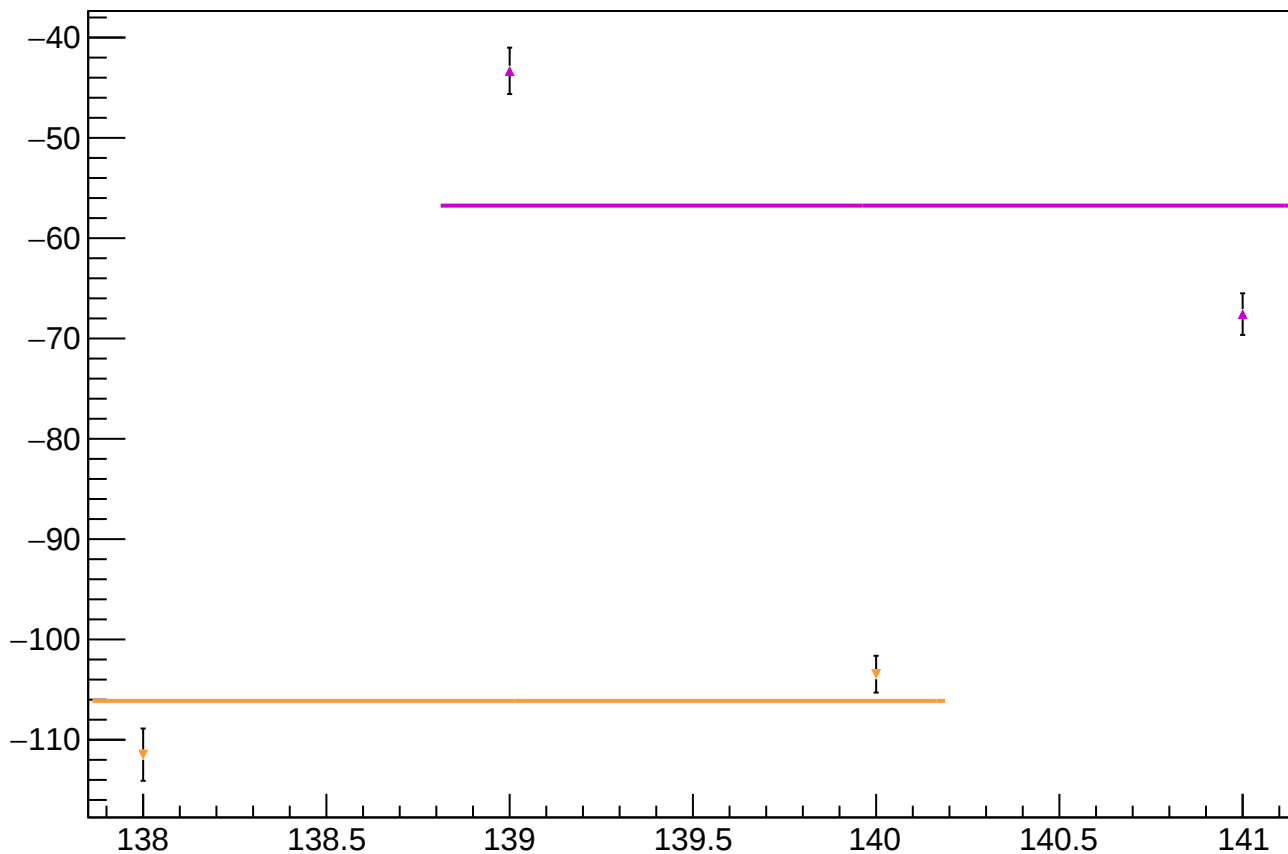
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: -0.046 ± 0.022 χ^2/NDF : 694.3/18

Out: -0.193 ± 0.022 χ^2/NDF : 967.8/20

All: -0.118 ± 0.016 χ^2/NDF : 1684.2/39

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -106.121+/-1.499 χ^2/NDF : 6.3/1

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: -82.172+/-1.075 χ^2/NDF : 593.6/3

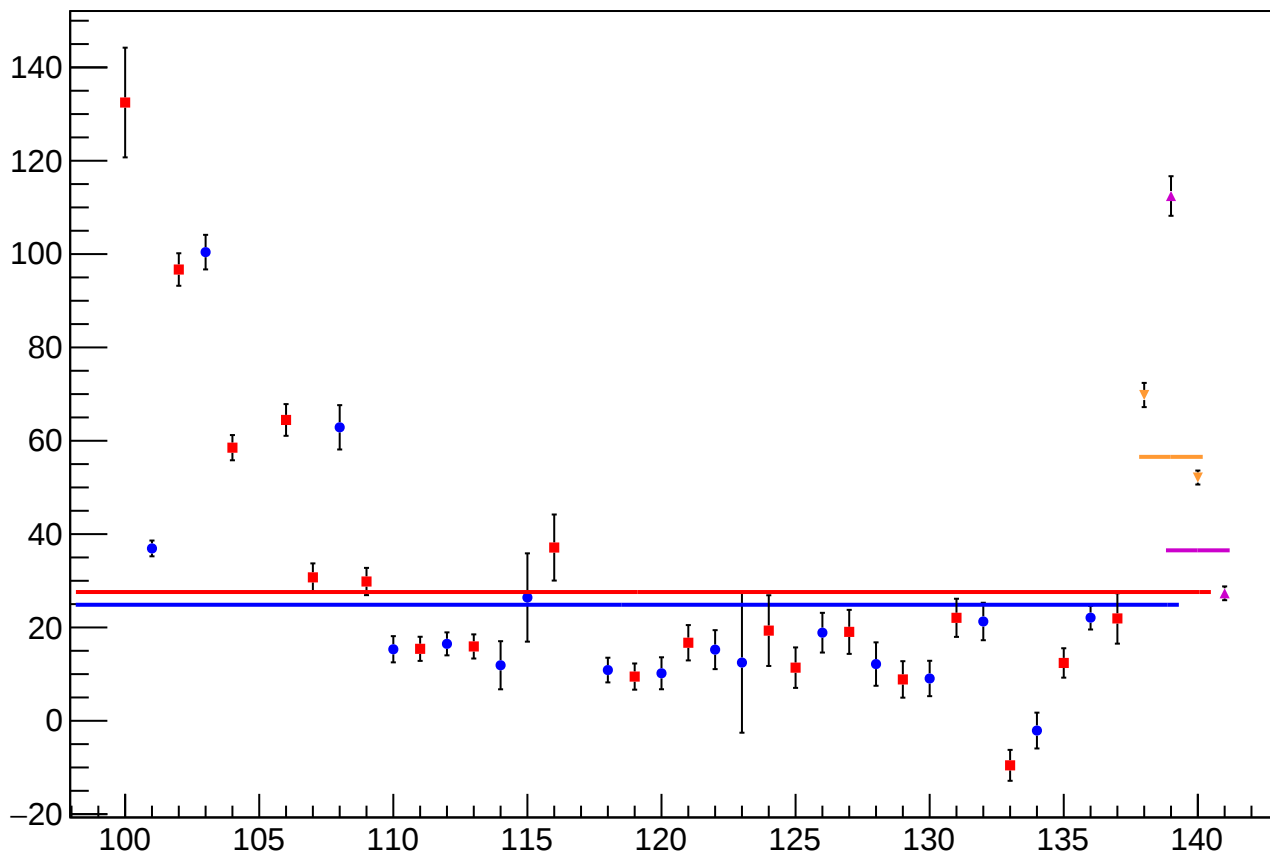
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.753+/-1.544 χ^2/NDF : 60.9/1

Out: -106.121+/-1.499 χ^2/NDF : 6.3/1

All: -82.172+/-1.075 χ^2/NDF : 593.6/3

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: 56.554 $\pm$ 1.298 χ^2 /NDF:34.9/1

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: 47.262 $\pm$ 0.950 χ^2 /NDF: 504.4/3

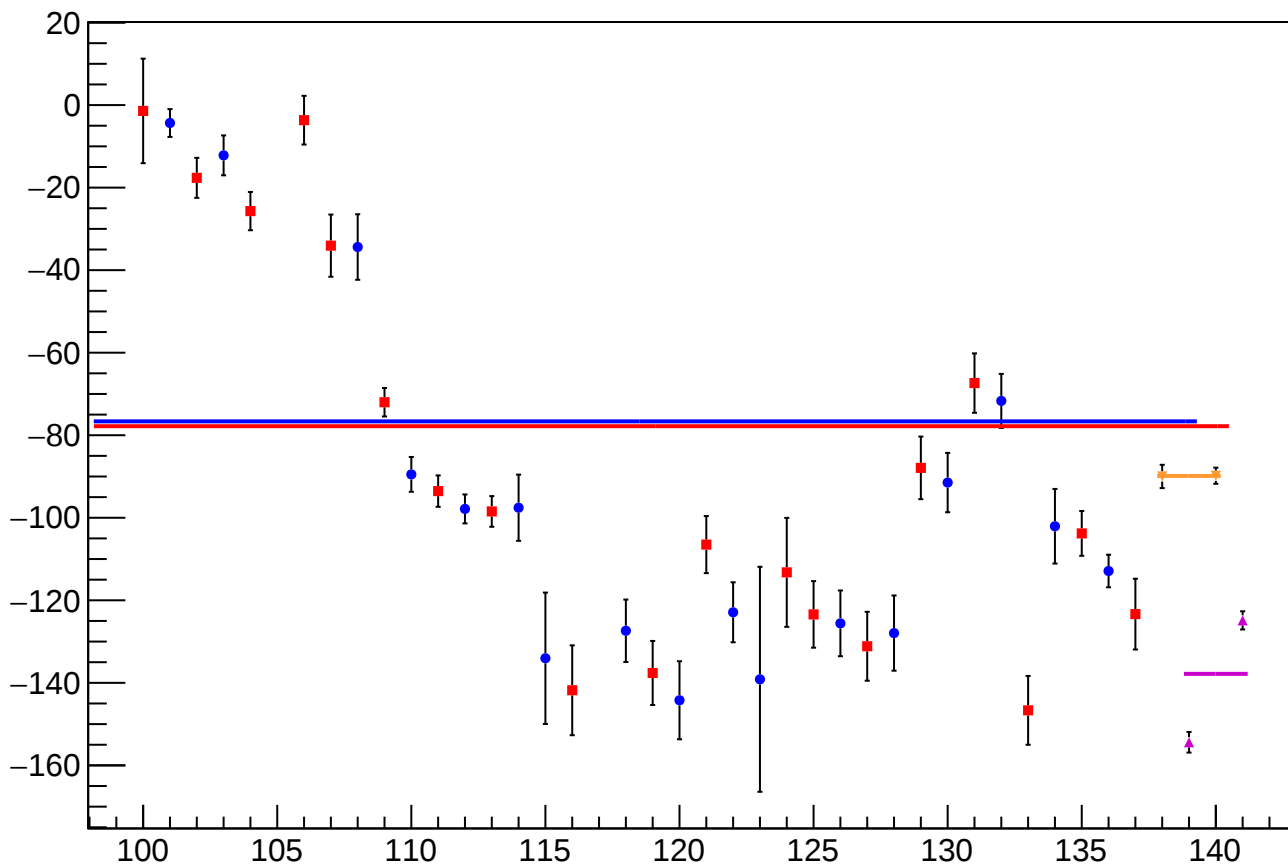
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 27.759 $\pm$ 0.695 χ^2 /NDF:1102.6/18

Out: 35.707 $\pm$ 0.687 χ^2 /NDF:1404.2/20

All: 31.781 $\pm$ 0.489 χ^2 /NDF: 2573.0/39

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -89.868 ± 1.606 χ^2/NDF : 0.0/1

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: -113.145 ± 1.152 χ^2/NDF : 511.5/3

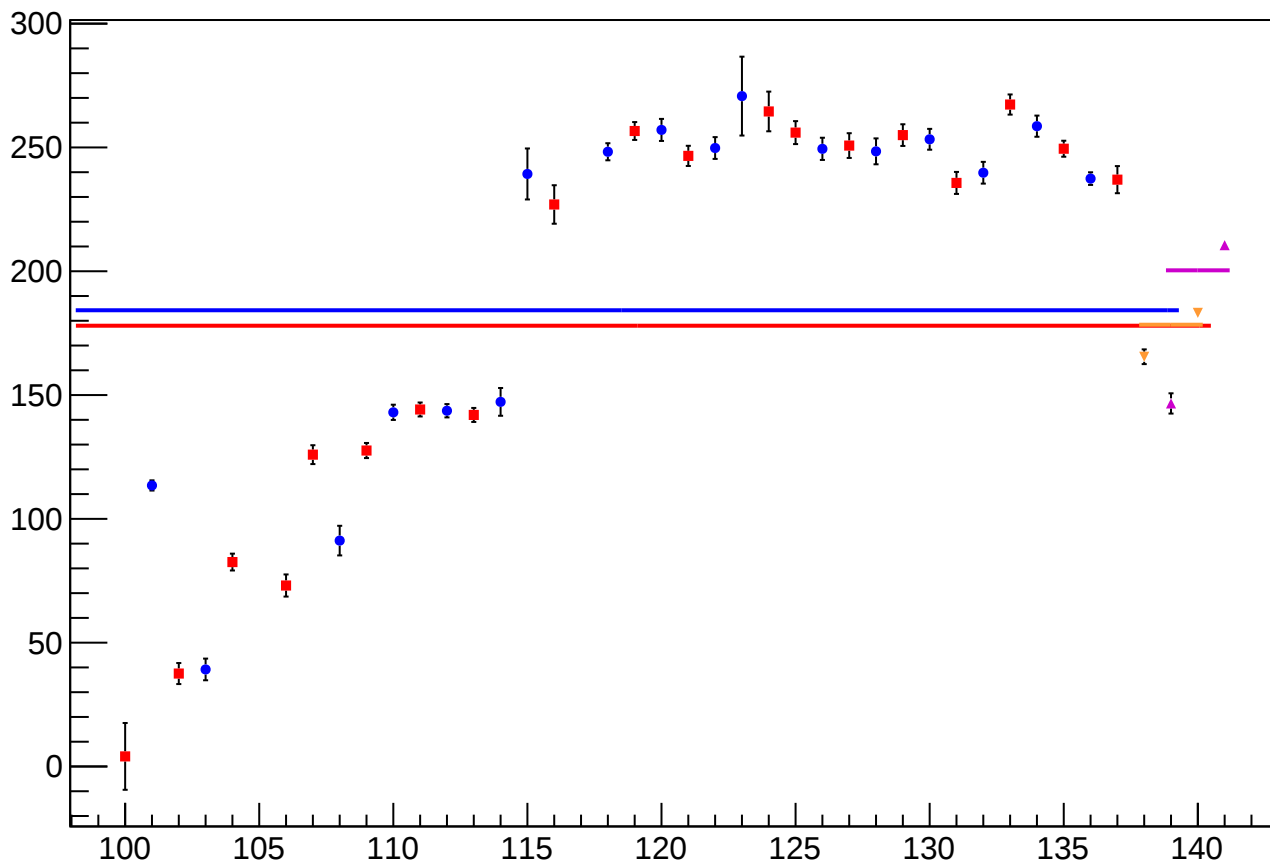
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -102.506 ± 1.075 χ^2/NDF : 1909.9/18

Out: -82.816 ± 1.034 χ^2/NDF : 906.2/20

All: -92.281 ± 0.745 χ^2/NDF : 2990.3/39

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: 178.407 $\pm$ 1.546 χ^2 /NDF:25.9/1

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: 188.805 $\pm$ 1.122 χ^2 /NDF: 326.9/3

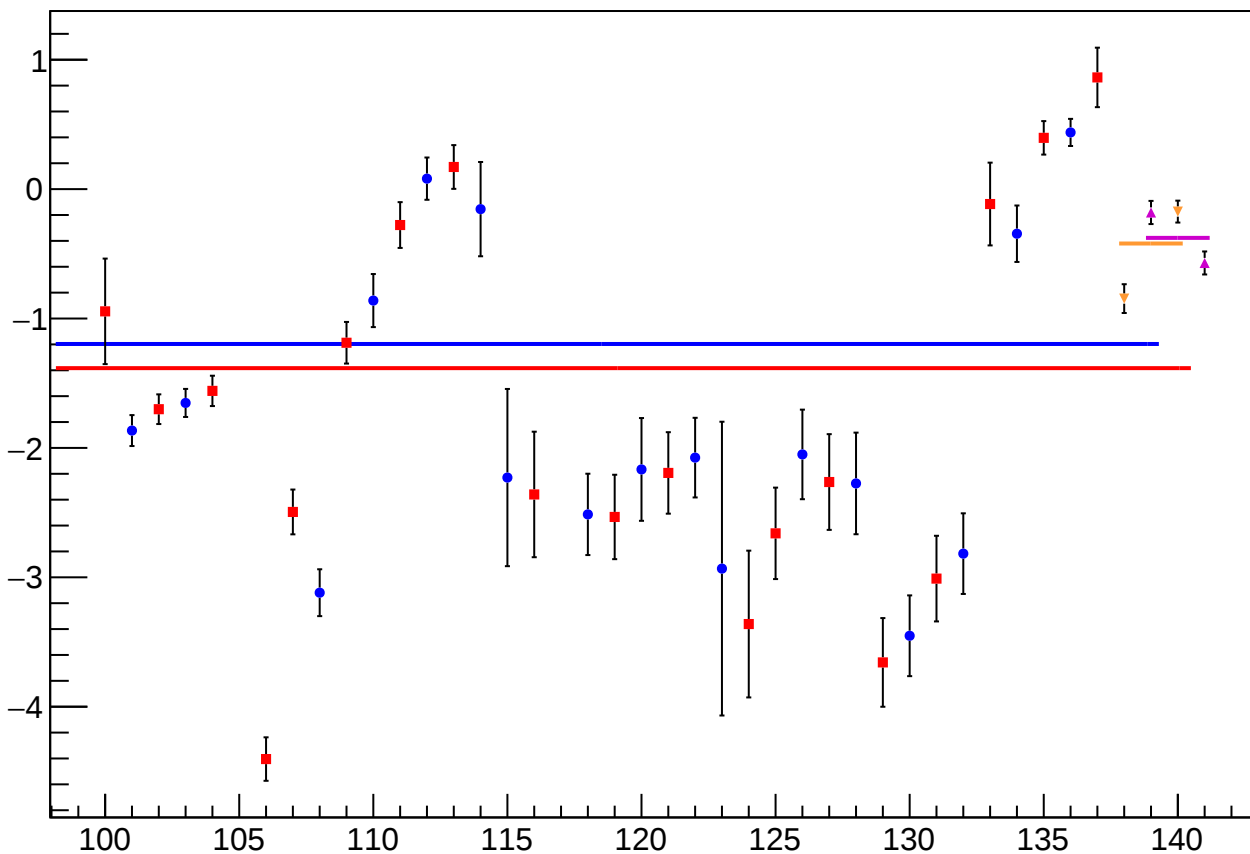
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 188.111 $\pm$ 0.798 χ^2 /NDF:5668.3/18

Out: 178.109 $\pm$ 0.793 χ^2 /NDF:6364.0/20

All: 183.076 $\pm$ 0.562 χ^2 /NDF: 12111.3/39

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.420 ± 0.067 χ^2/NDF : 23.1/1

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: -0.397 ± 0.046 χ^2/NDF : 32.9/3

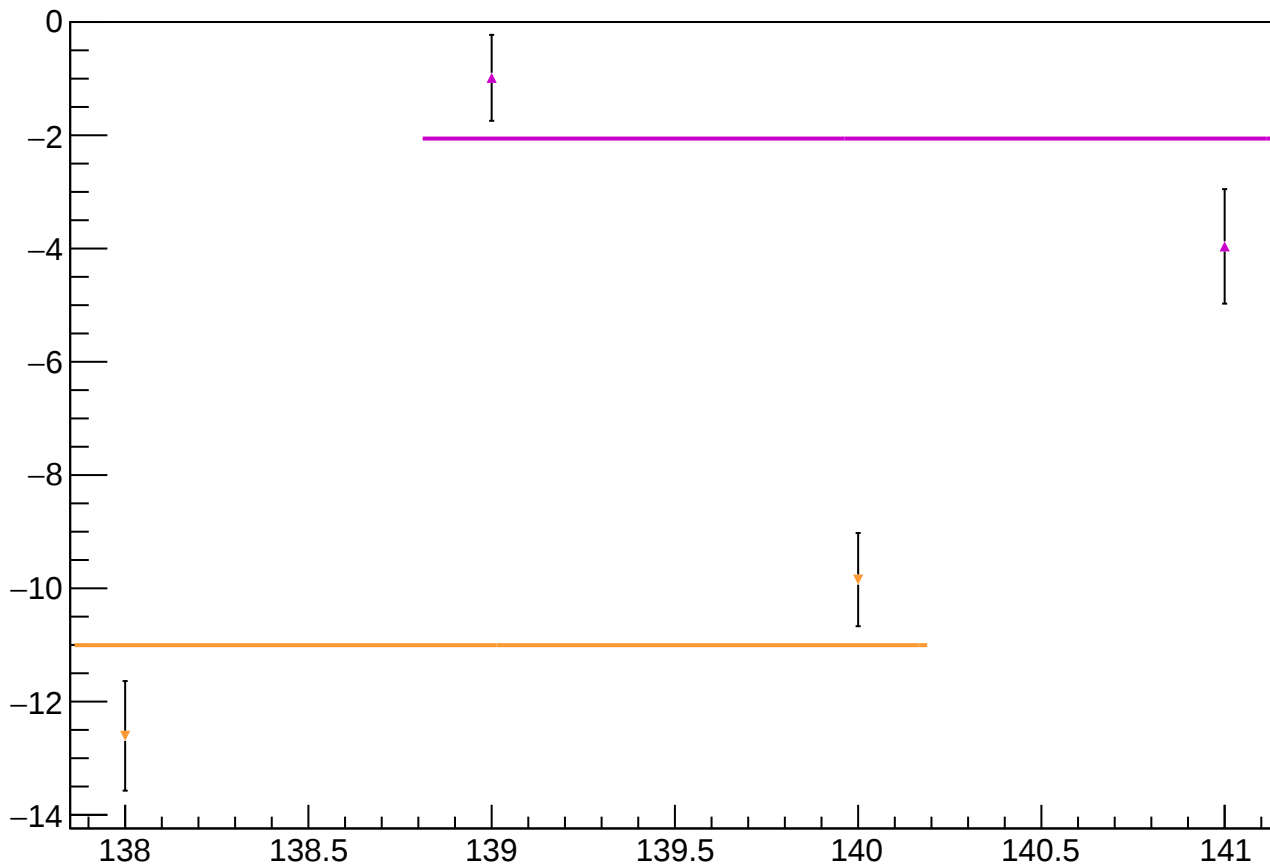
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.895 ± 0.038 χ^2/NDF : 737.9/18

Out: -1.079 ± 0.038 χ^2/NDF : 1086.3/20

All: -0.988 ± 0.027 χ^2/NDF : 1835.9/39

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.004+/-0.627 χ^2/NDF : 4.7/1

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: -6.386+/-0.436 χ^2/NDF : 115.4/3

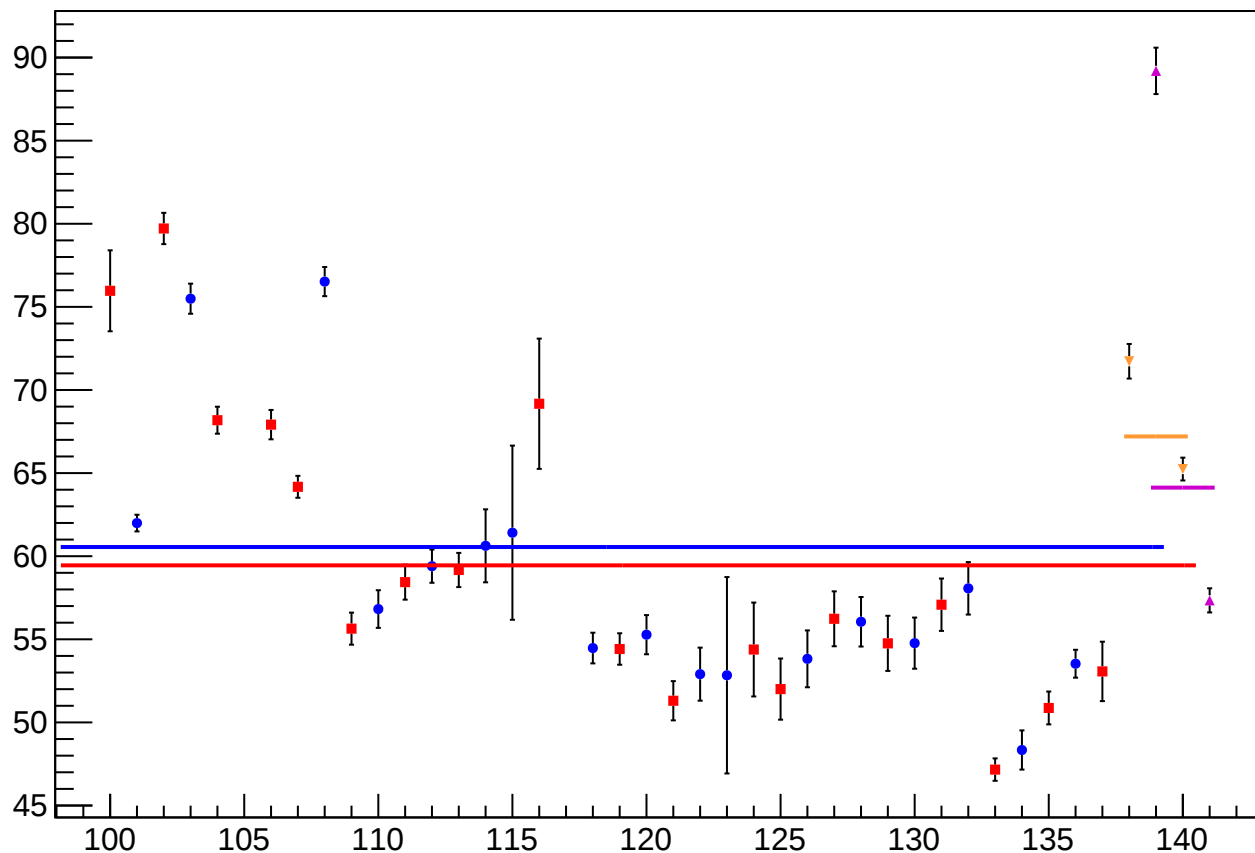
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.058+/-0.607 χ^2/NDF : 5.5/1

Out: -11.004+/-0.627 χ^2/NDF : 4.7/1

All: -6.386+/-0.436 χ^2/NDF : 115.4/3

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: 67.205 ± 0.573 $\chi^2/\text{NDF}: 27.0/1$

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: 65.845 ± 0.428 $\chi^2/\text{NDF}: 449.6/3$

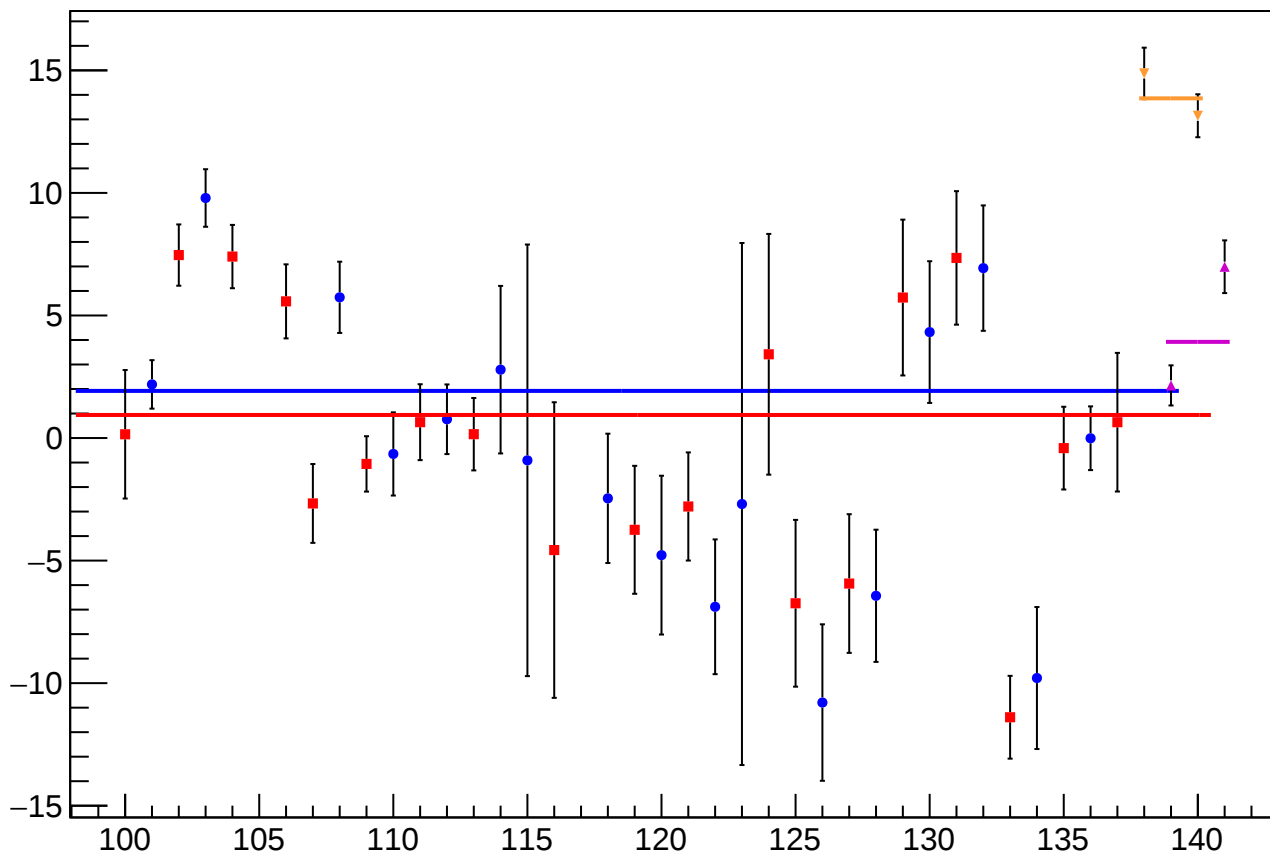
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 61.059 ± 0.243 $\chi^2/\text{NDF}: 1367.2/18$

Out: 60.669 ± 0.227 $\chi^2/\text{NDF}: 1502.7/20$

All: 60.852 ± 0.166 $\chi^2/\text{NDF}: 2871.3/39$

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: 13.858 ± 0.673 $\chi^2/\text{NDF}: 1.6/1$

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: 8.729 ± 0.468 $\chi^2/\text{NDF}: 127.0/3$

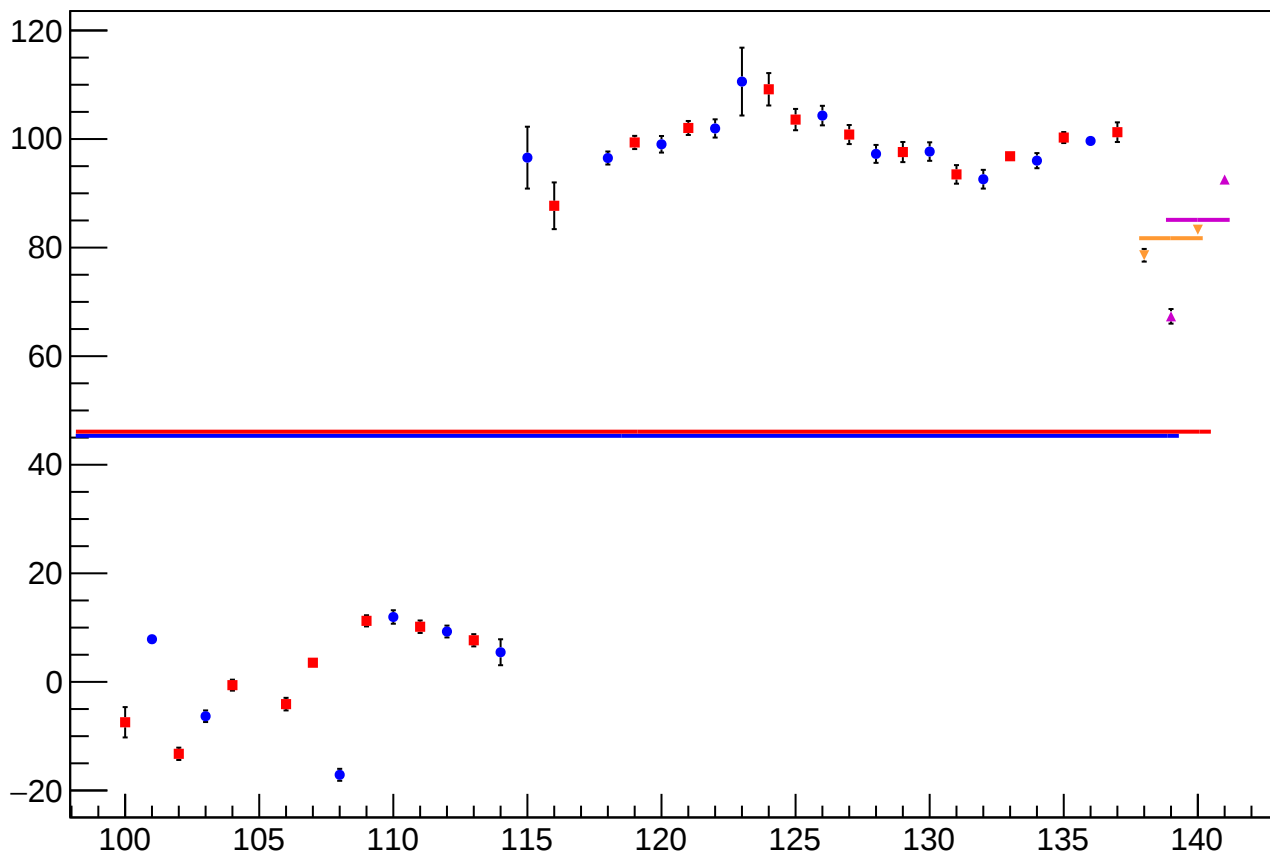
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 2.585 ± 0.375 $\chi^2/\text{NDF}: 140.2/18$

Out: 4.612 ± 0.359 $\chi^2/\text{NDF}: 415.5/20$

All: 3.643 ± 0.259 $\chi^2/\text{NDF}: 571.0/39$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 81.733+/-0.674 χ^2/NDF : 10.9/1

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: 83.285+/-0.496 χ^2/NDF : 269.4/3

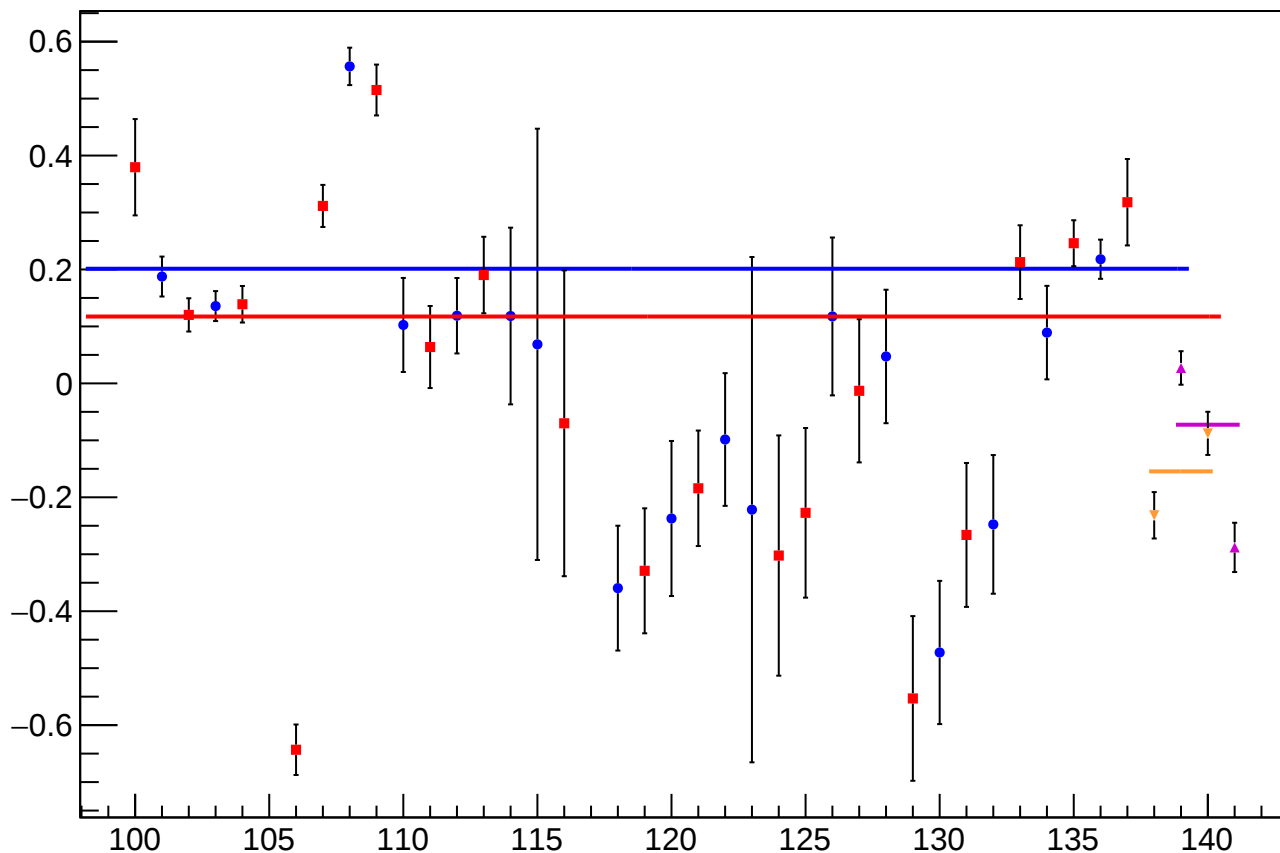
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 51.182+/-0.280 χ^2/NDF : 27778.9/18

Out: 51.635+/-0.266 χ^2/NDF : 30639.5/20

All: 51.420+/-0.193 χ^2/NDF : 58419.8/39

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.154 ± 0.028 χ^2/NDF : 6.7/1

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.073 ± 0.024 χ^2/NDF : 36.3/1

Left: -0.108 ± 0.018 χ^2/NDF : 47.9/3

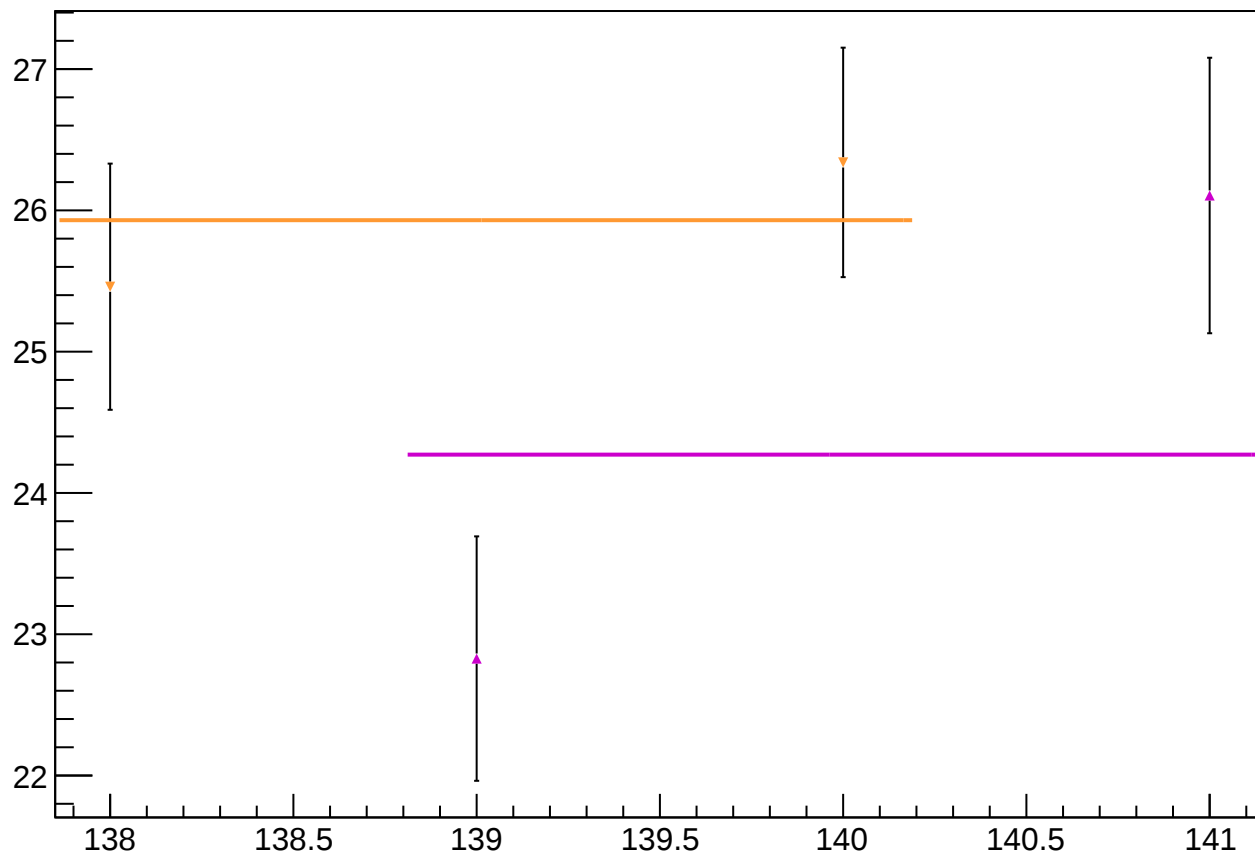
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.133 ± 0.012 χ^2/NDF : 348.6/18

Out: 0.068 ± 0.012 χ^2/NDF : 584.8/20

All: 0.100 ± 0.008 χ^2/NDF : 947.9/39

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 25.931 $\pm$ 0.594 χ^2 /NDF:0.5/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 24.271 $\pm$ 0.647 χ^2 /NDF:6.3/1

Left: 25.172 $\pm$ 0.438 χ^2 /NDF: 10.4/3

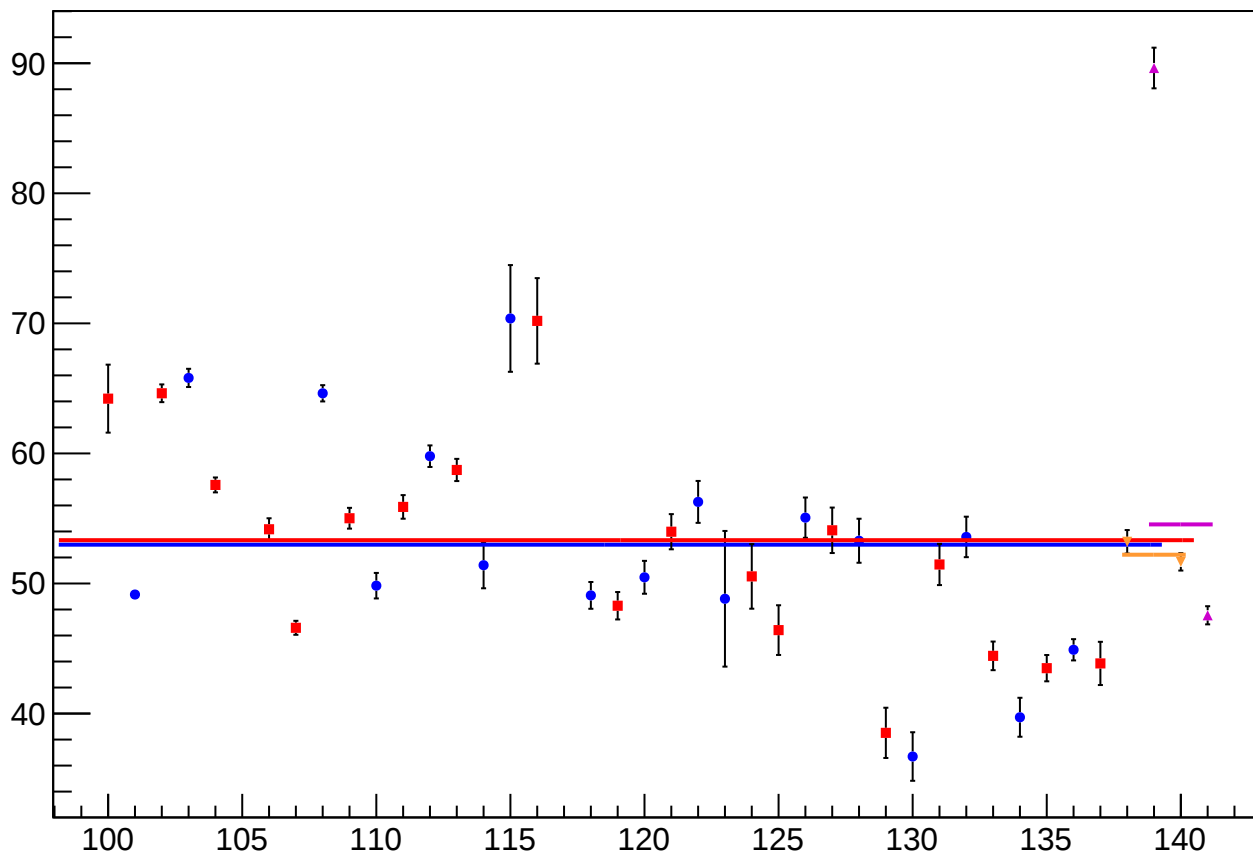
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 24.271 $\pm$ 0.647 χ^2 /NDF:6.3/1

Out: 25.931 $\pm$ 0.594 χ^2 /NDF:0.5/1

All: 25.172 $\pm$ 0.438 χ^2 /NDF: 10.4/3

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: 52.213 $\pm$ 0.538 χ^2 /NDF:1.9/1

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: 53.183 $\pm$ 0.411 χ^2 /NDF: 613.9/3

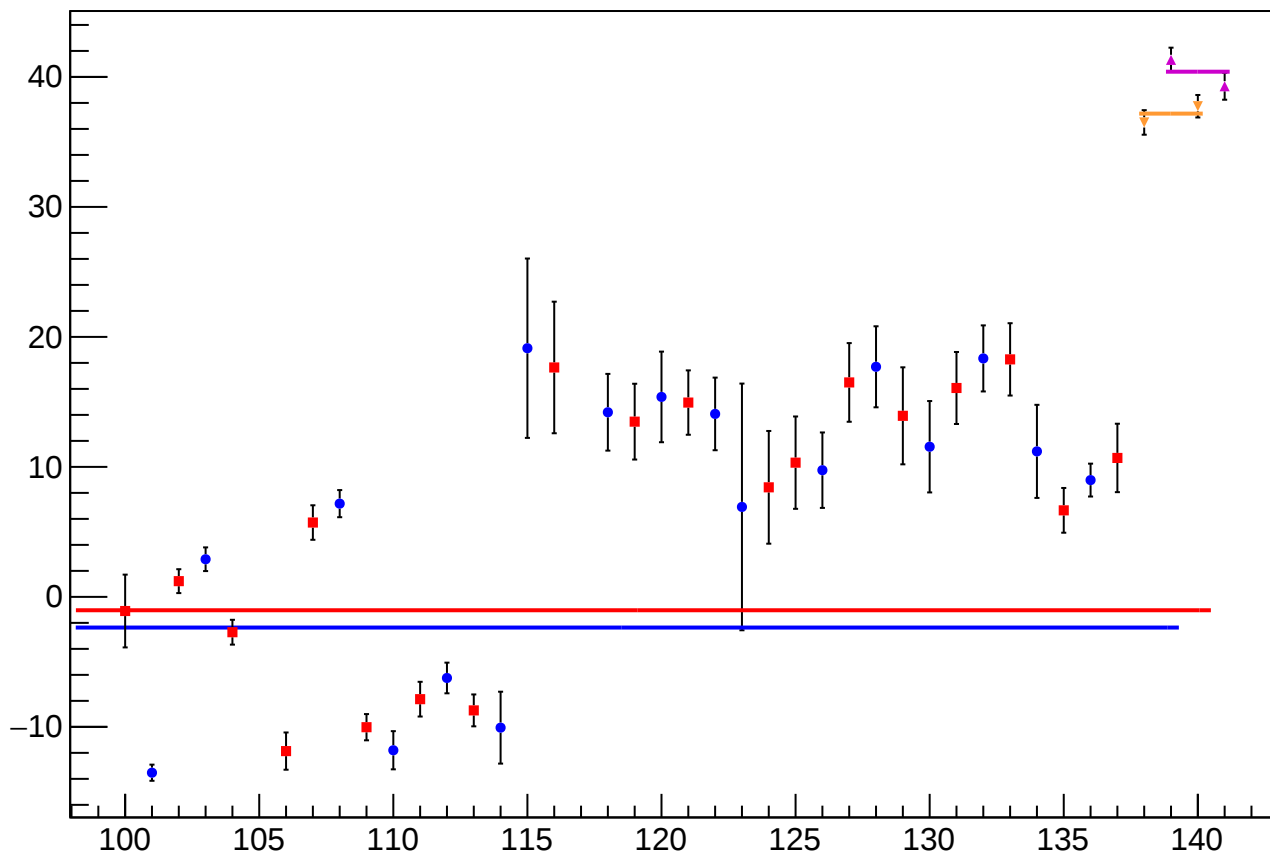
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 53.138 $\pm$ 0.200 χ^2 /NDF:1807.6/18

Out: 53.162 $\pm$ 0.209 χ^2 /NDF:879.4/20

All: 53.150 $\pm$ 0.144 χ^2 /NDF: 2687.0/39

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 37.178 ± 0.638 χ^2/NDF : 0.9/1

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: 38.653 ± 0.470 χ^2/NDF : 14.7/3

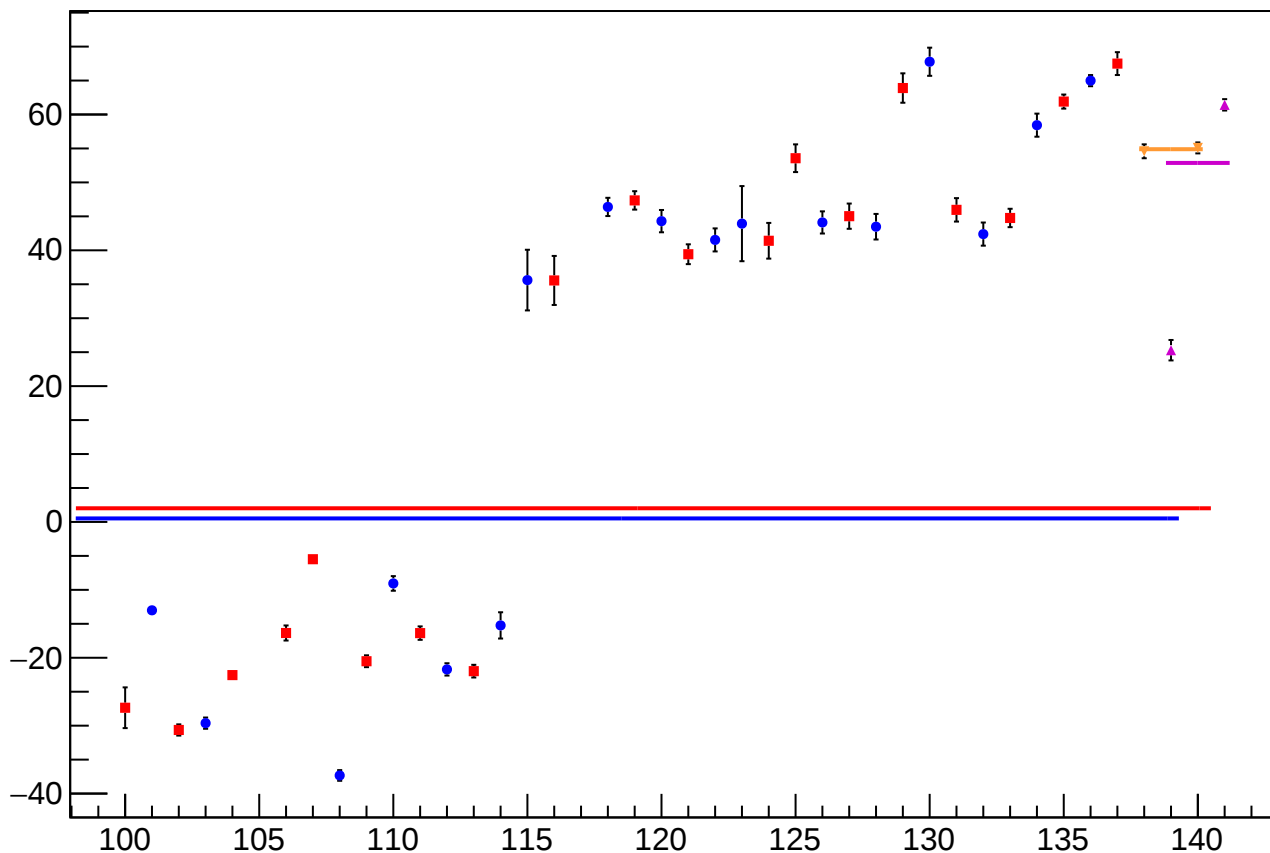
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 6.854 ± 0.323 χ^2/NDF : 3811.3/18

Out: 8.850 ± 0.324 χ^2/NDF : 3167.5/20

All: 7.846 ± 0.229 χ^2/NDF : 6997.9/39

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 54.889+/-0.634 χ^2/NDF : 0.1/1

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: 54.023+/-0.479 χ^2/NDF : 444.3/3

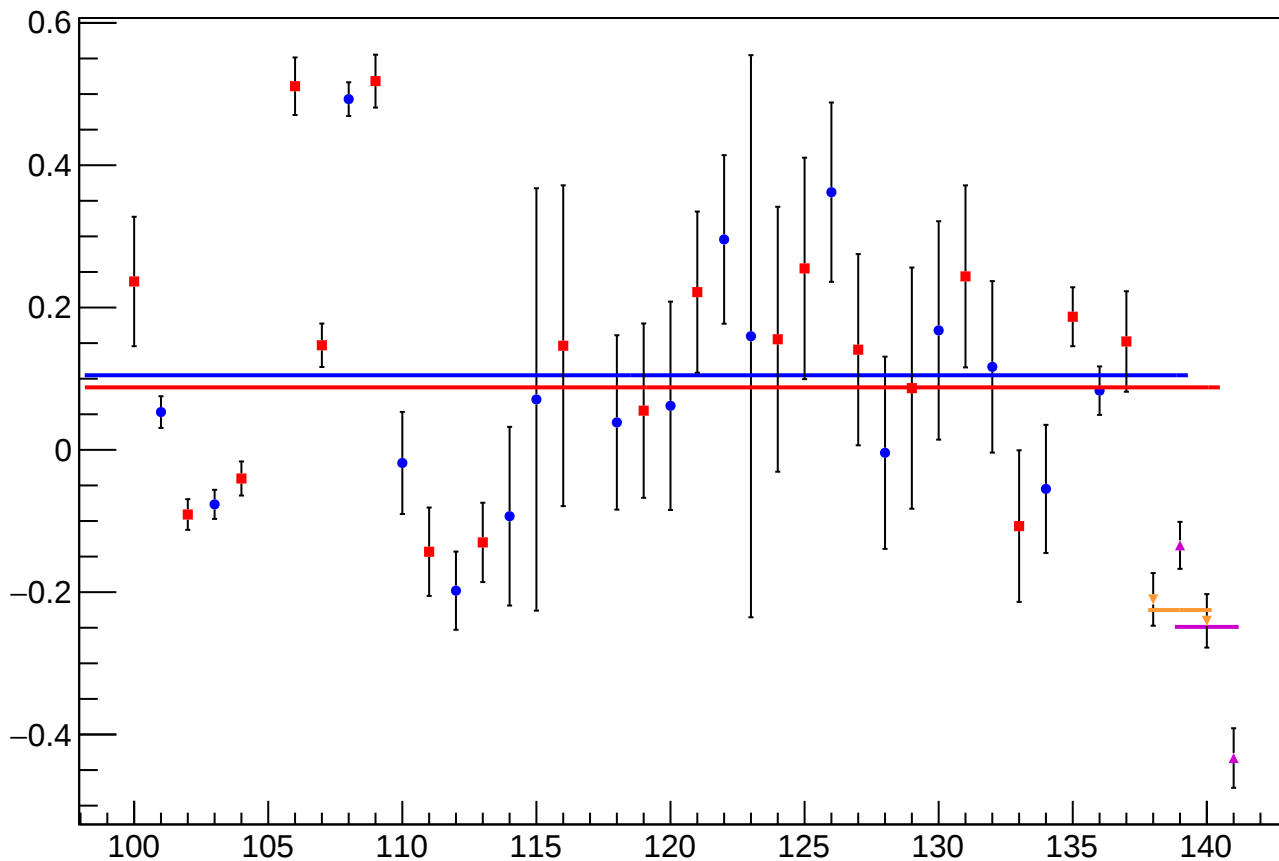
Right: 1.209+/-0.181 χ^2/NDF : 33876.6/35

In: 5.861+/-0.234 χ^2/NDF : 23413.0/18

Out: 9.938+/-0.246 χ^2/NDF : 21381.1/20

All: 7.801+/-0.169 χ^2/NDF : 44938.6/39

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: -0.225 ± 0.026 $\chi^2/\text{NDF}: 0.3/1$

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: -0.237 ± 0.018 $\chi^2/\text{NDF}: 32.2/3$

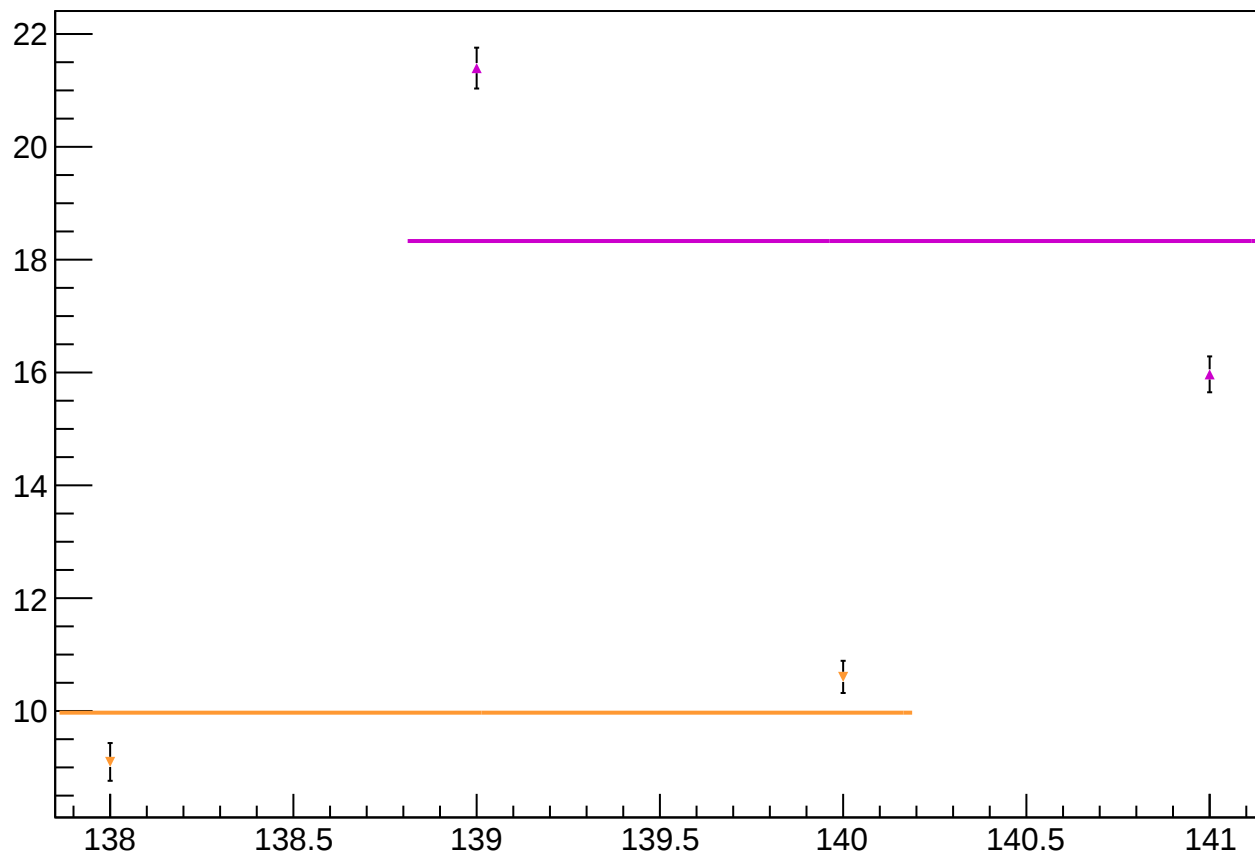
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: 0.051 ± 0.010 $\chi^2/\text{NDF}: 589.9/18$

Out: 0.041 ± 0.010 $\chi^2/\text{NDF}: 511.2/20$

All: 0.046 ± 0.007 $\chi^2/\text{NDF}: 1101.5/39$

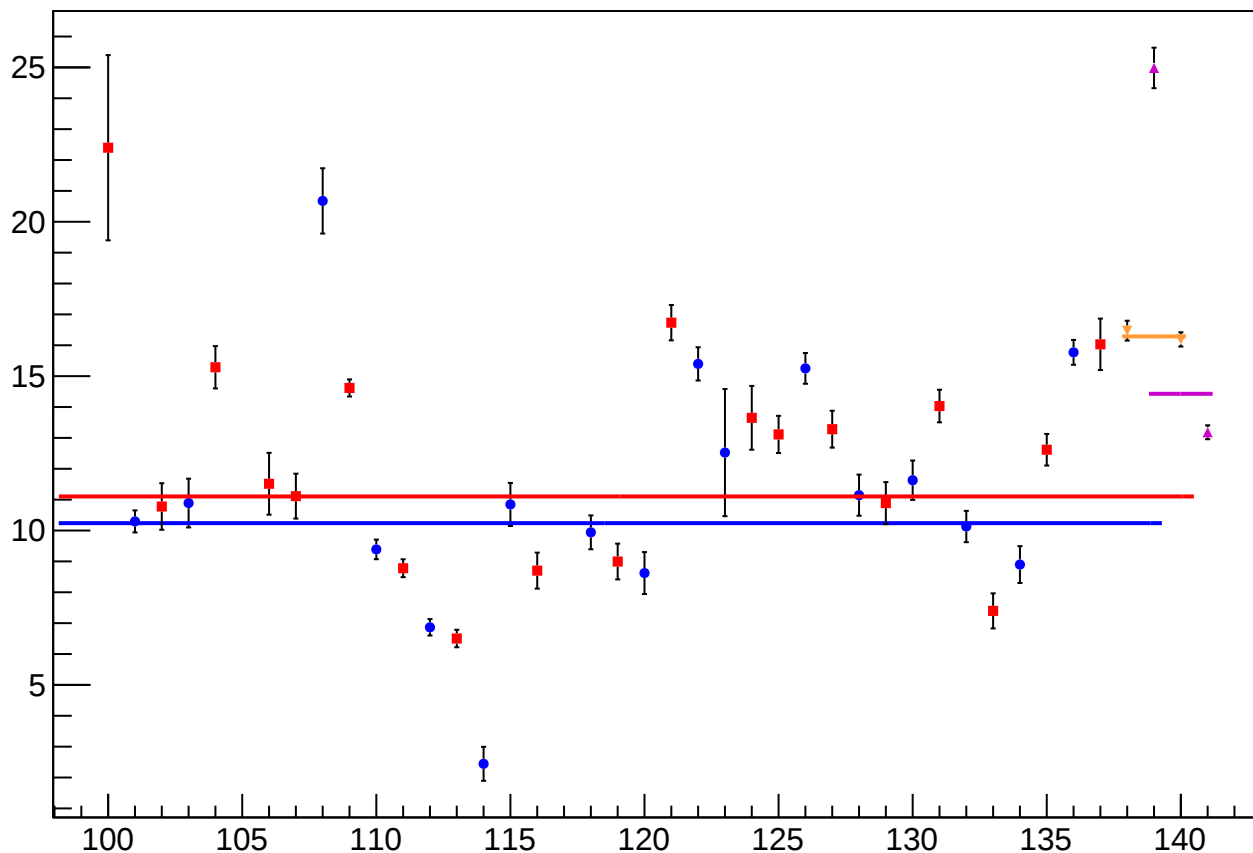
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.970+/-0.217 χ^2/NDF :11.7/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.331+/-0.239 χ^2/NDF :126.9/1

Left: 13.752+/-0.161 χ^2/NDF : 809.4/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.331+/-0.239 χ^2/NDF :126.9/1
 Out: 9.970+/-0.217 χ^2/NDF :11.7/1
 All: 13.752+/-0.161 χ^2/NDF : 809.4/3

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 16.287 $\pm$ 0.188 χ^2 /NDF:0.5/1

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 14.428 $\pm$ 0.213 χ^2 /NDF:289.5/1

Left: 15.474 $\pm$ 0.141 χ^2 /NDF: 332.8/3

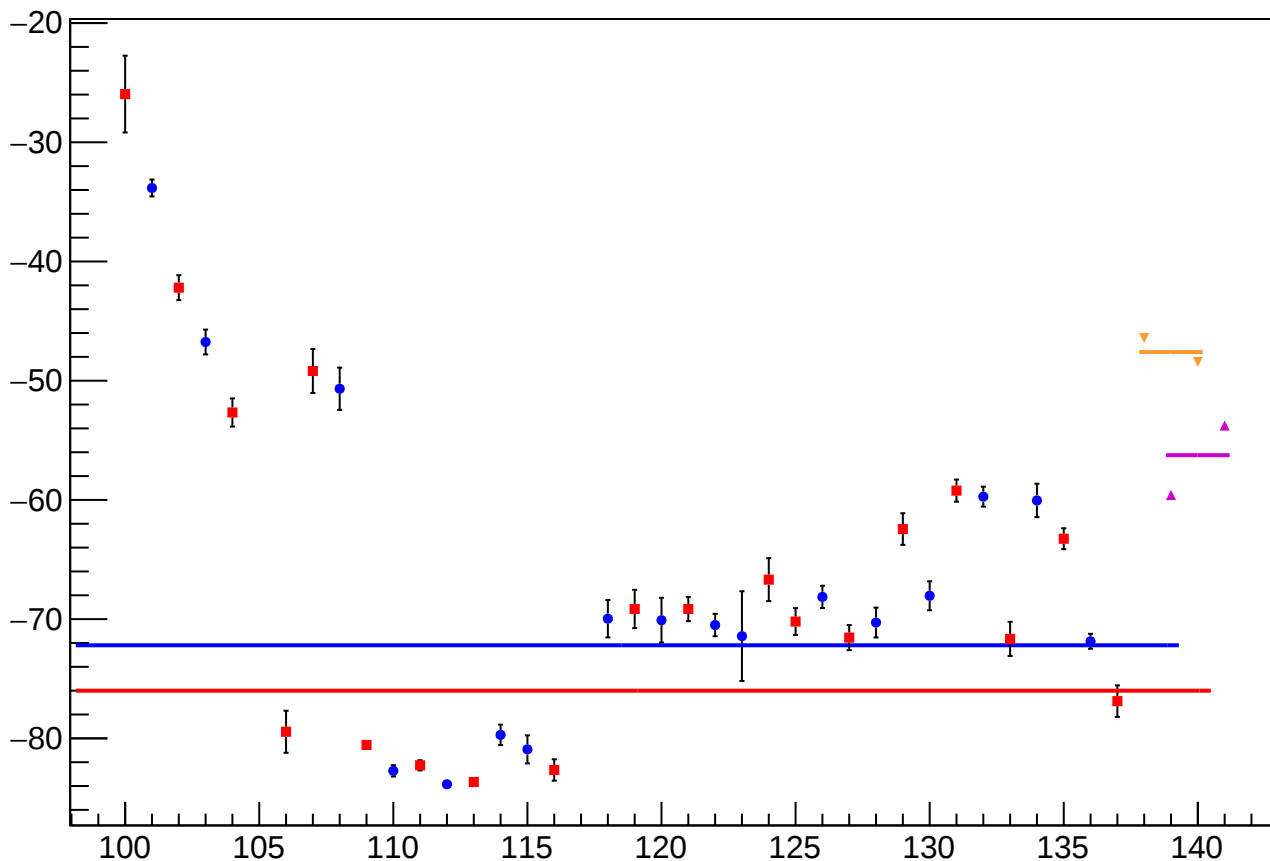
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 11.236 $\pm$ 0.104 χ^2 /NDF:1451.4/18

Out: 12.540 $\pm$ 0.099 χ^2 /NDF:1365.7/20

All: 11.921 $\pm$ 0.072 χ^2 /NDF: 2899.7/39

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: -47.596 $\pm$ 0.233 χ^2 /NDF:17.9/1

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: -51.514 $\pm$ 0.172 χ^2 /NDF: 769.8/3

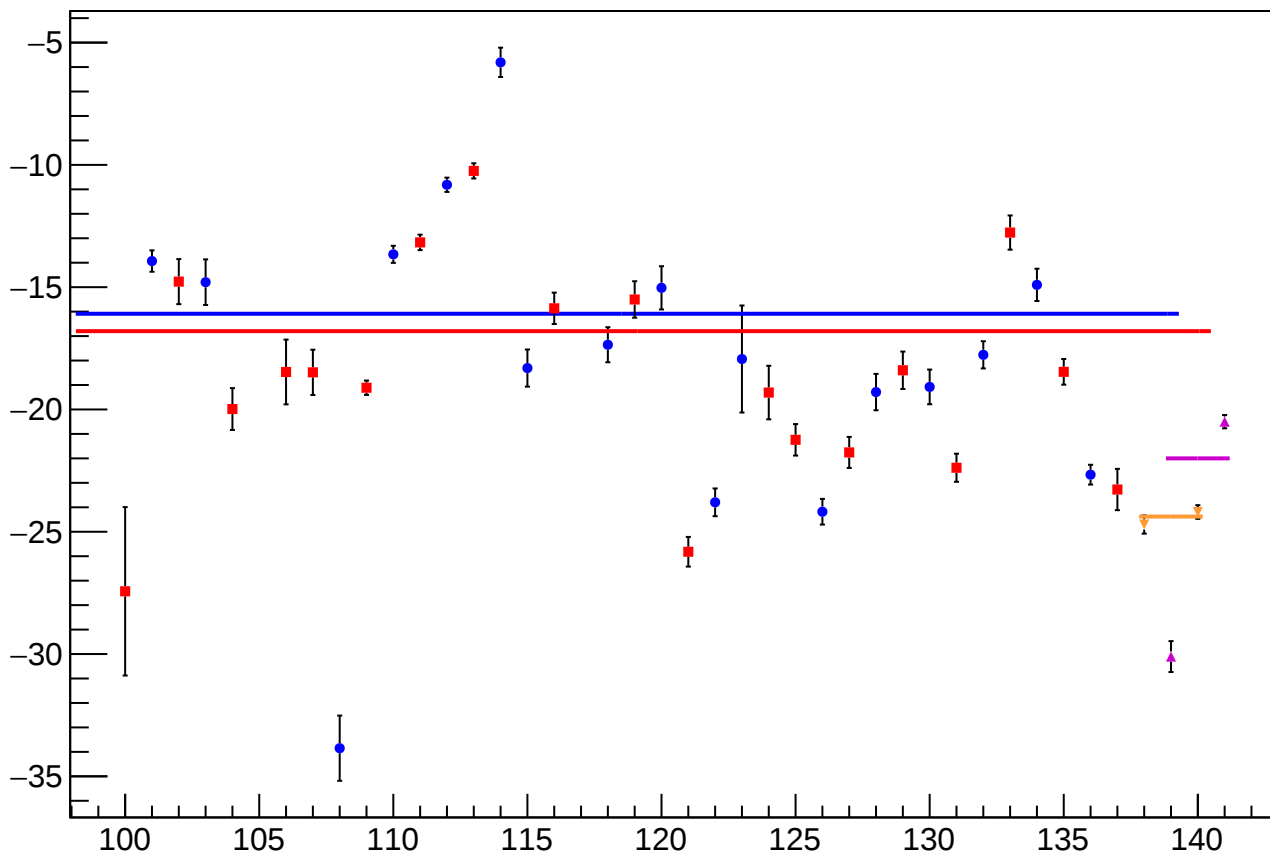
Right: -74.270 $\pm$ 0.134 χ^2 /NDF: 9230.0/35

In: -66.217 $\pm$ 0.157 χ^2 /NDF:8116.5/18

Out: -65.309 $\pm$ 0.143 χ^2 /NDF:12761.8/20

All: -65.721 $\pm$ 0.106 χ^2 /NDF: 20896.7/39

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -24.378 ± 0.224 χ^2/NDF : 1.2/1

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: -23.319 ± 0.167 χ^2/NDF : 246.5/3

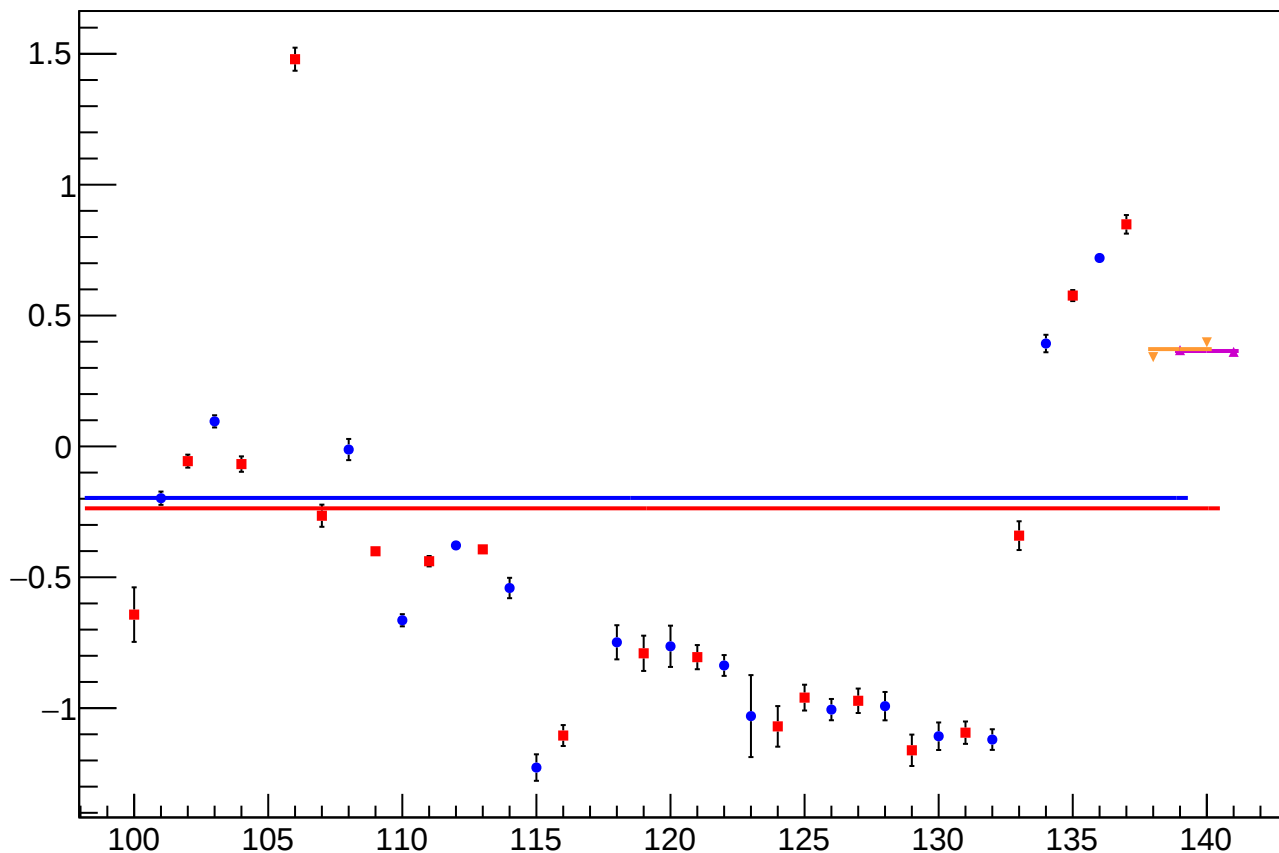
Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35

In: -17.384 ± 0.117 χ^2/NDF : 2254.3/18

Out: -18.670 ± 0.111 χ^2/NDF : 2079.2/20

All: -18.060 ± 0.081 χ^2/NDF : 4396.9/39

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.372 ± 0.010 χ^2/NDF : 8.3/1

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: 0.368 ± 0.007 χ^2/NDF : 8.7/3

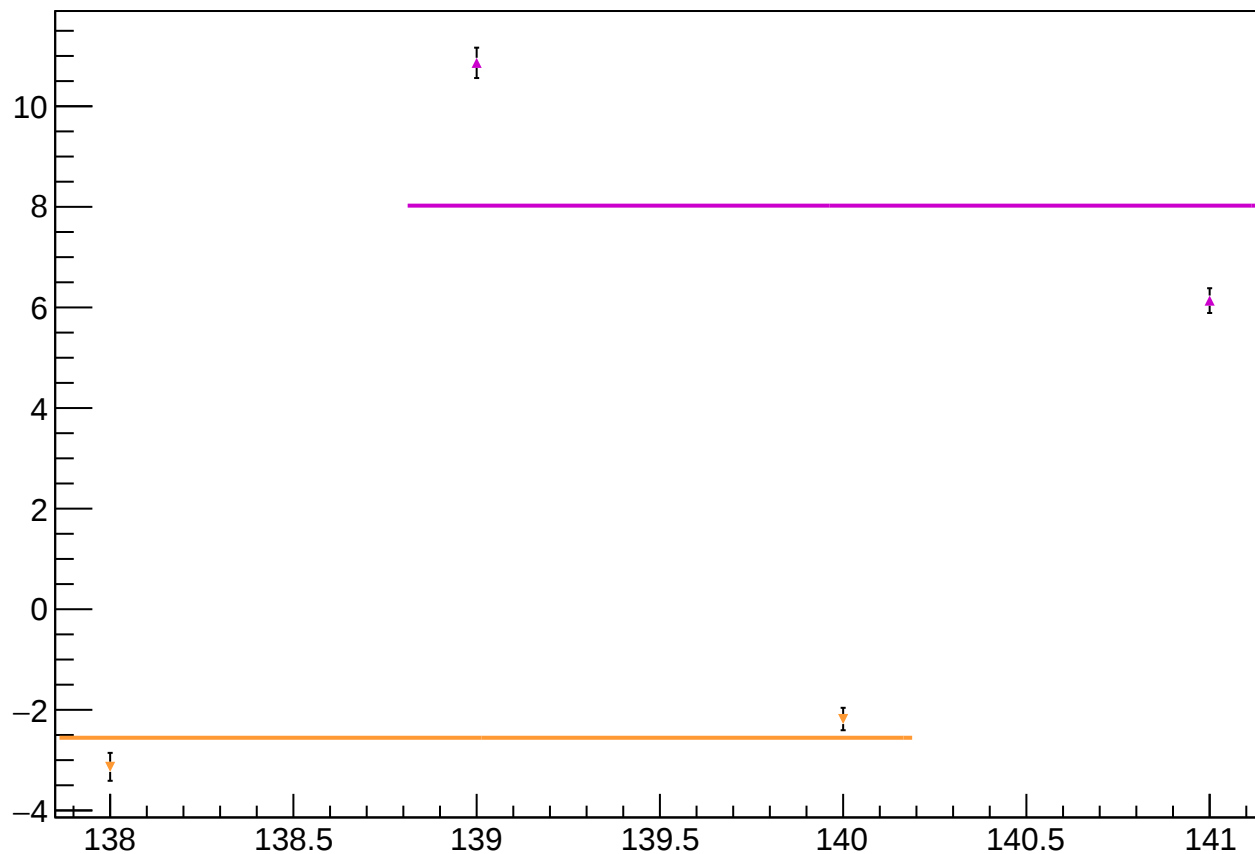
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.014 ± 0.006 χ^2/NDF : 8410.2/18

Out: -0.023 ± 0.006 χ^2/NDF : 8752.1/20

All: -0.005 ± 0.004 χ^2/NDF : 17182.7/39

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.555+/-0.174 χ^2/NDF : 7.1/1

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: 2.240+/-0.128 χ^2/NDF : 1835.8/3

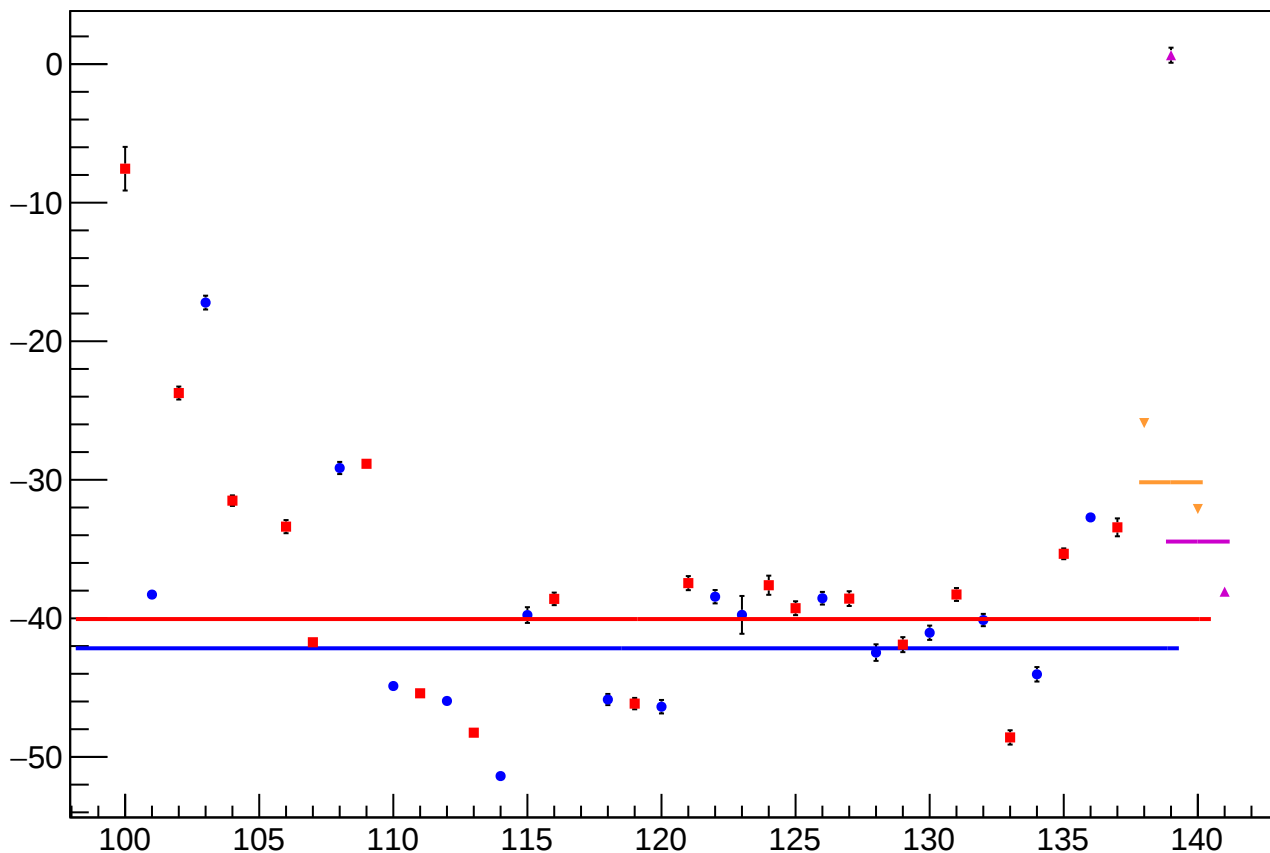
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.024+/-0.191 χ^2/NDF : 147.3/1

Out: -2.555+/-0.174 χ^2/NDF : 7.1/1

All: 2.240+/-0.128 χ^2/NDF : 1835.8/3

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -30.178 ± 0.150 χ^2/NDF : 365.5/1

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: -32.099 ± 0.112 χ^2/NDF : 5311.7/3

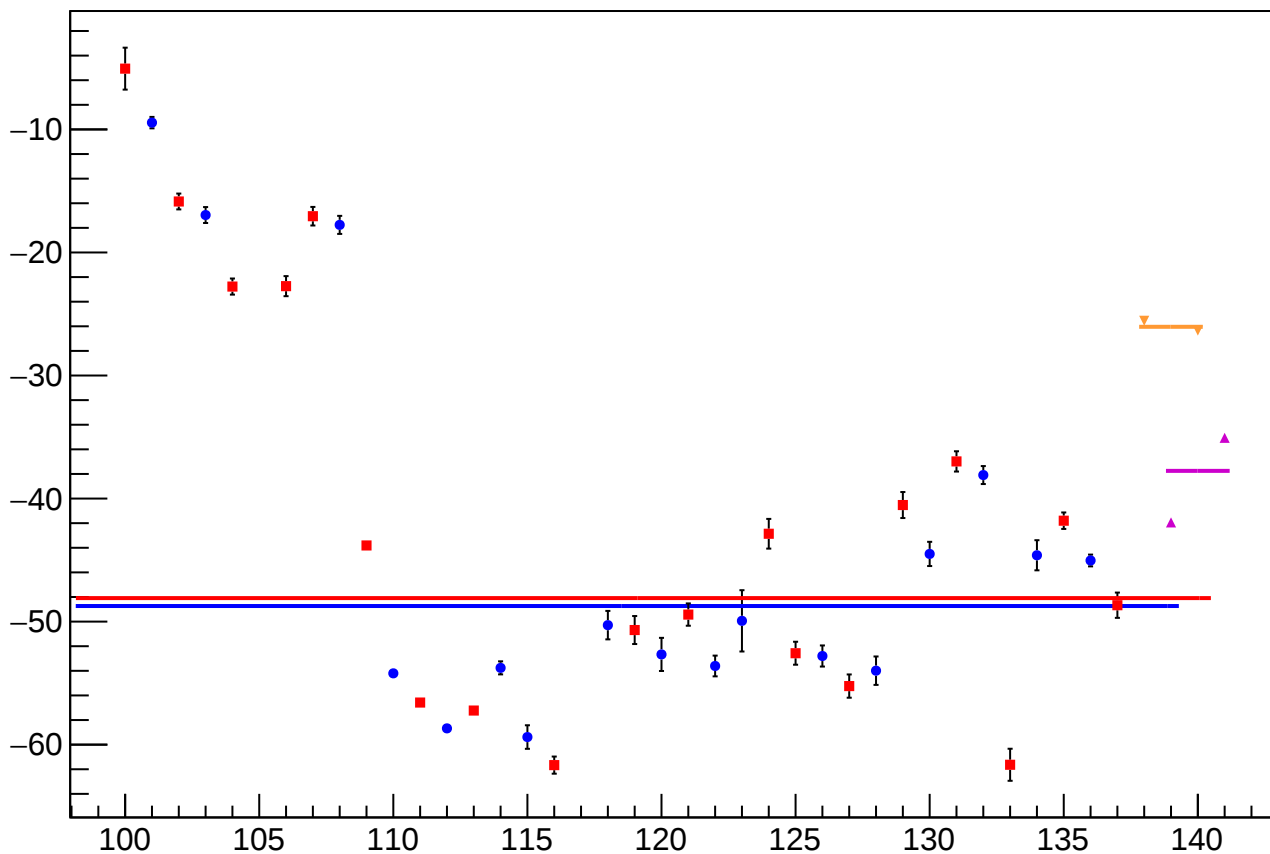
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -40.775 ± 0.071 χ^2/NDF : 12909.2/18

Out: -38.174 ± 0.065 χ^2/NDF : 15175.0/20

All: -39.378 ± 0.048 χ^2/NDF : 28814.6/39

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 χ^2/NDF : 14659.4/16

Left Out: -26.041 ± 0.186 χ^2/NDF : 4.3/1

Right Out: -48.090 ± 0.107 χ^2/NDF : 11731.5/18

Left In: -37.749 ± 0.204 χ^2/NDF : 269.5/1

Left: -31.354 ± 0.138 χ^2/NDF : 2067.5/3

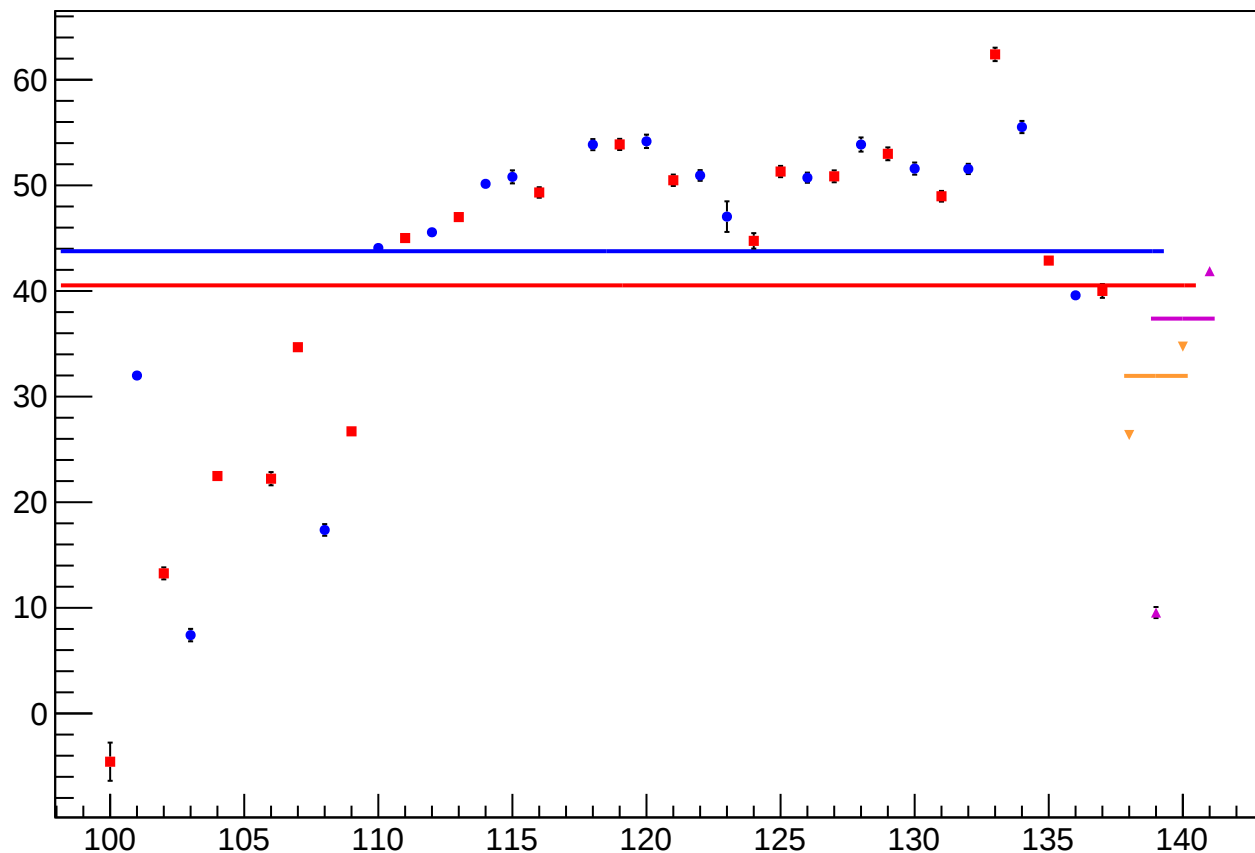
Right: -48.363 ± 0.081 χ^2/NDF : 26406.2/35

In: -45.753 ± 0.106 χ^2/NDF : 17034.7/18

Out: -42.600 ± 0.093 χ^2/NDF : 22263.1/20

All: -43.964 ± 0.070 χ^2/NDF : 39795.6/39

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 31.962 $\pm$ 0.179 χ^2 /NDF:484.9/1

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 37.384 $\pm$ 0.195 χ^2 /NDF:3272.3/1

Left: 34.432 $\pm$ 0.132 χ^2 /NDF: 4176.2/3

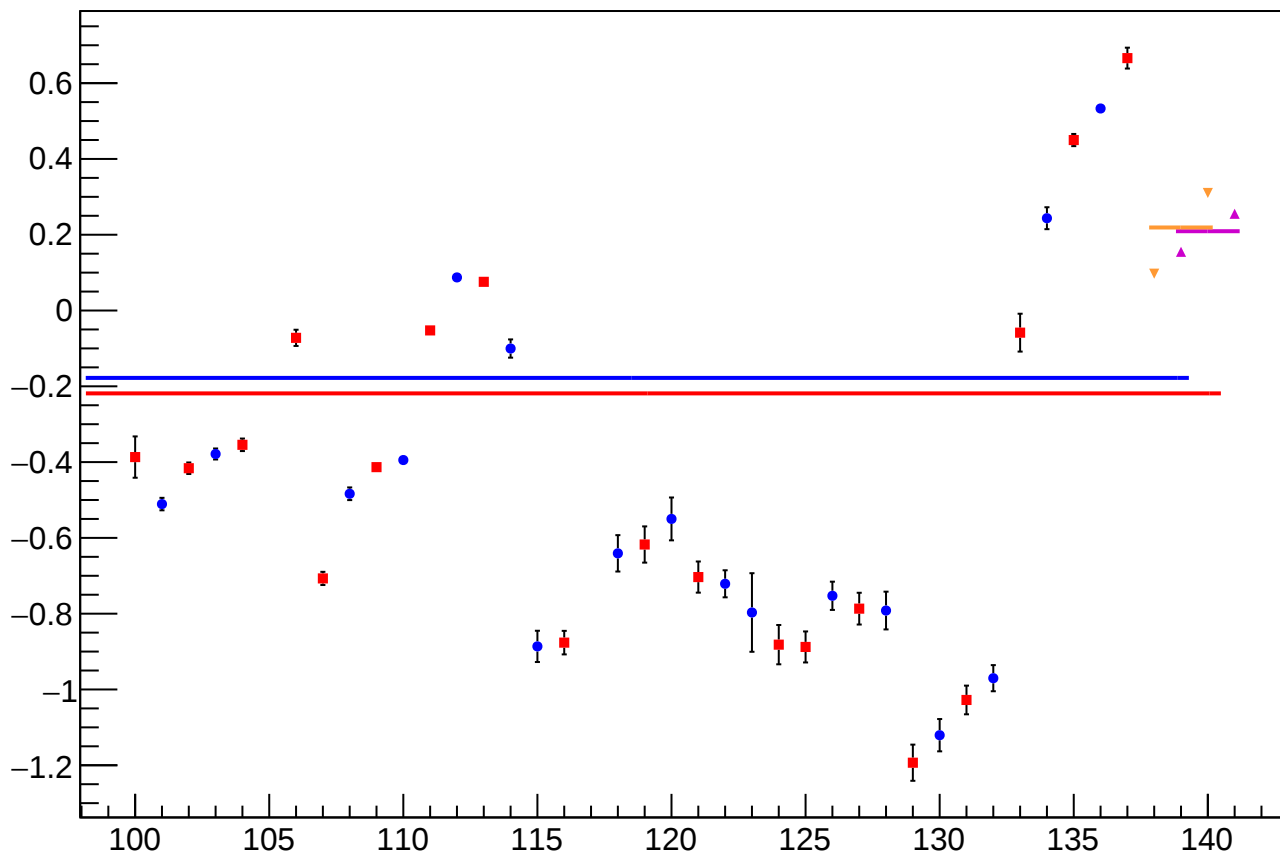
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.715 $\pm$ 0.079 χ^2 /NDF:14796.5/18

Out: 39.097 $\pm$ 0.073 χ^2 /NDF:19977.8/20

All: 40.760 $\pm$ 0.054 χ^2 /NDF: 35898.3/39

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.219 ± 0.008 χ^2/NDF : 181.9/1

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: 0.214 ± 0.006 χ^2/NDF : 224.0/3

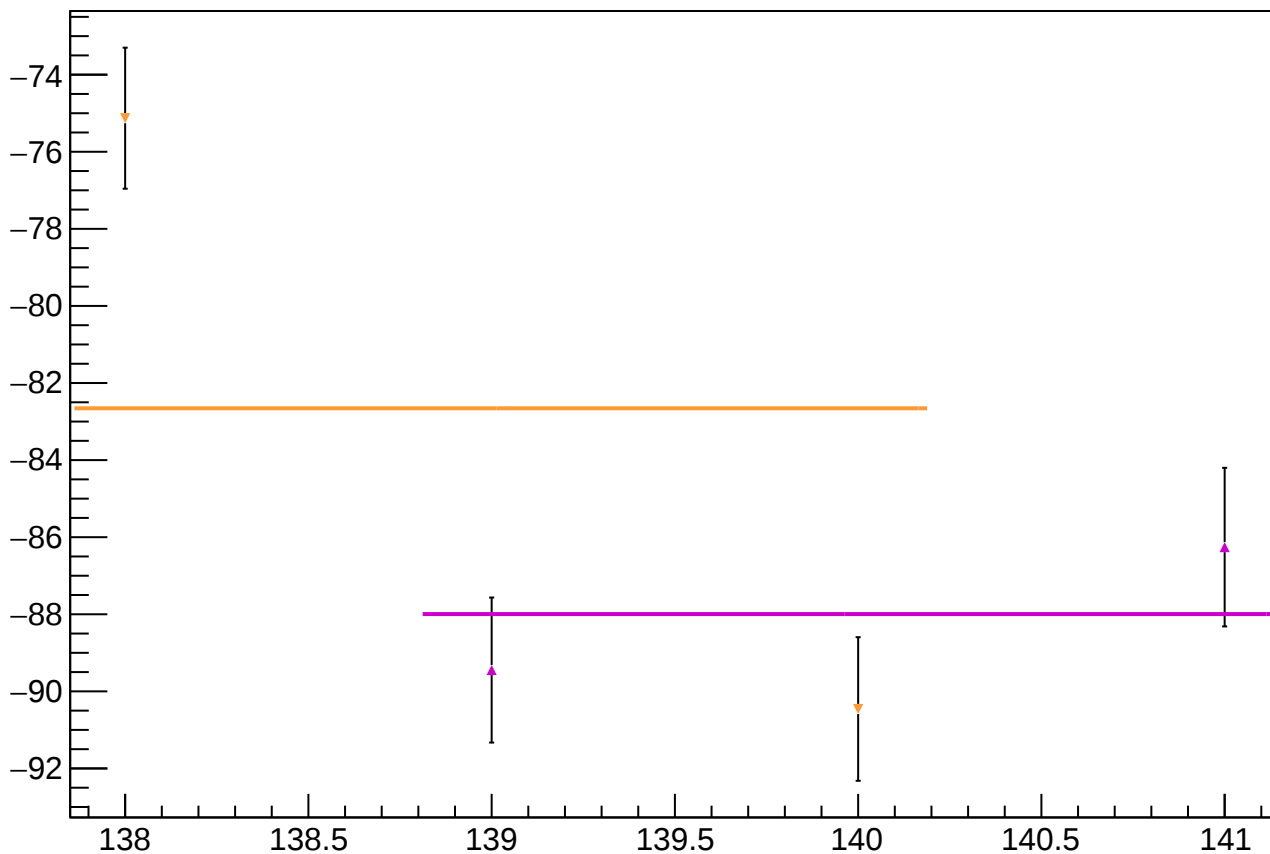
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: -0.070 ± 0.004 χ^2/NDF : 9190.5/18

Out: -0.117 ± 0.004 χ^2/NDF : 10056.8/20

All: -0.095 ± 0.003 χ^2/NDF : 19319.0/39

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left Out: -82.656 +/- 1.305 χ^2/NDF : 34.5/1

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: -85.161 +/- 0.951 χ^2/NDF : 43.6/3

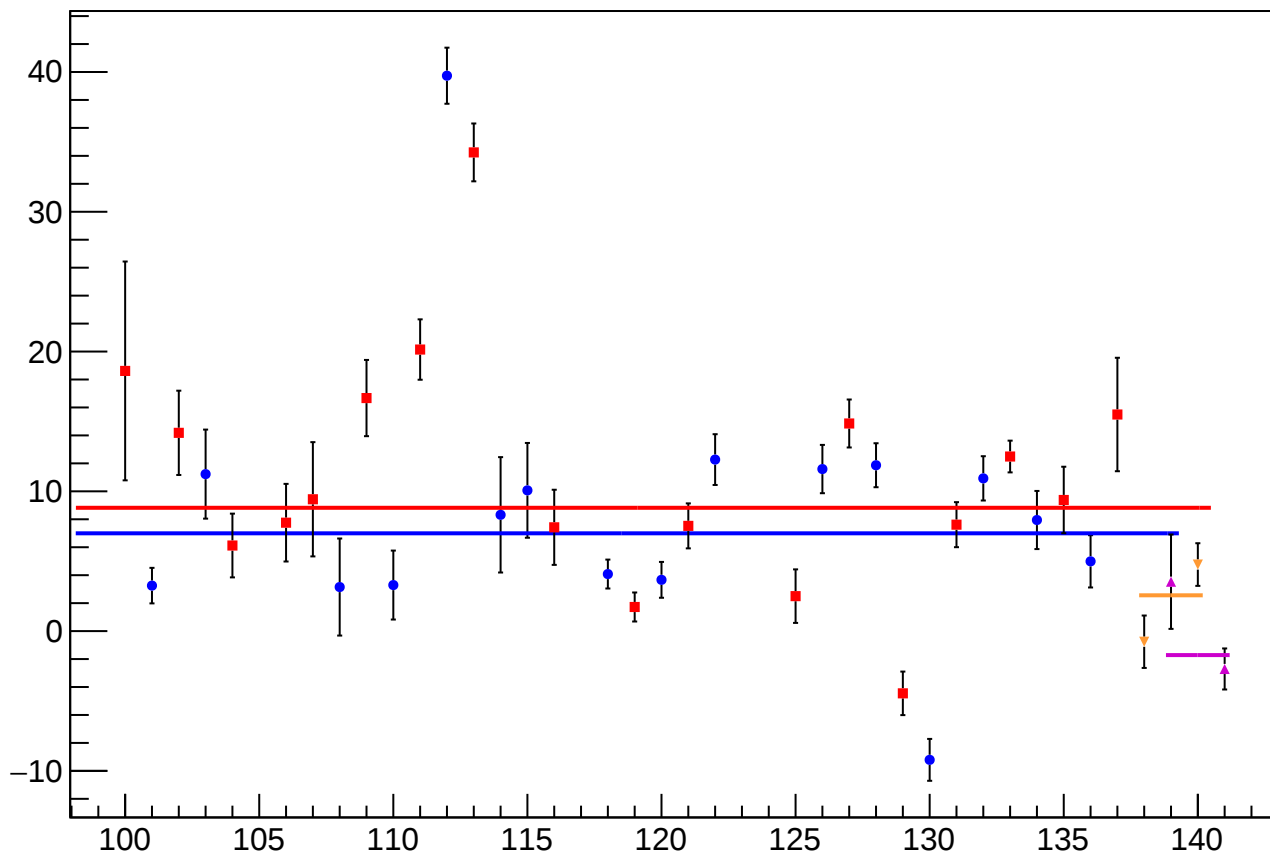
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -87.995 +/- 1.388 χ^2/NDF : 1.3/1

Out: -82.656 +/- 1.305 χ^2/NDF : 34.5/1

All: -85.161 +/- 0.951 χ^2/NDF : 43.6/3

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996+/-0.434 χ^2/NDF : 445.3/15

Left Out: 2.561+/-1.183 χ^2/NDF : 5.2/1

Right Out: 8.822+/-0.449 χ^2/NDF : 350.4/17

Left In: -1.716+/-1.346 χ^2/NDF : 2.9/1

Left: 0.697+/-0.889 χ^2/NDF : 13.8/3

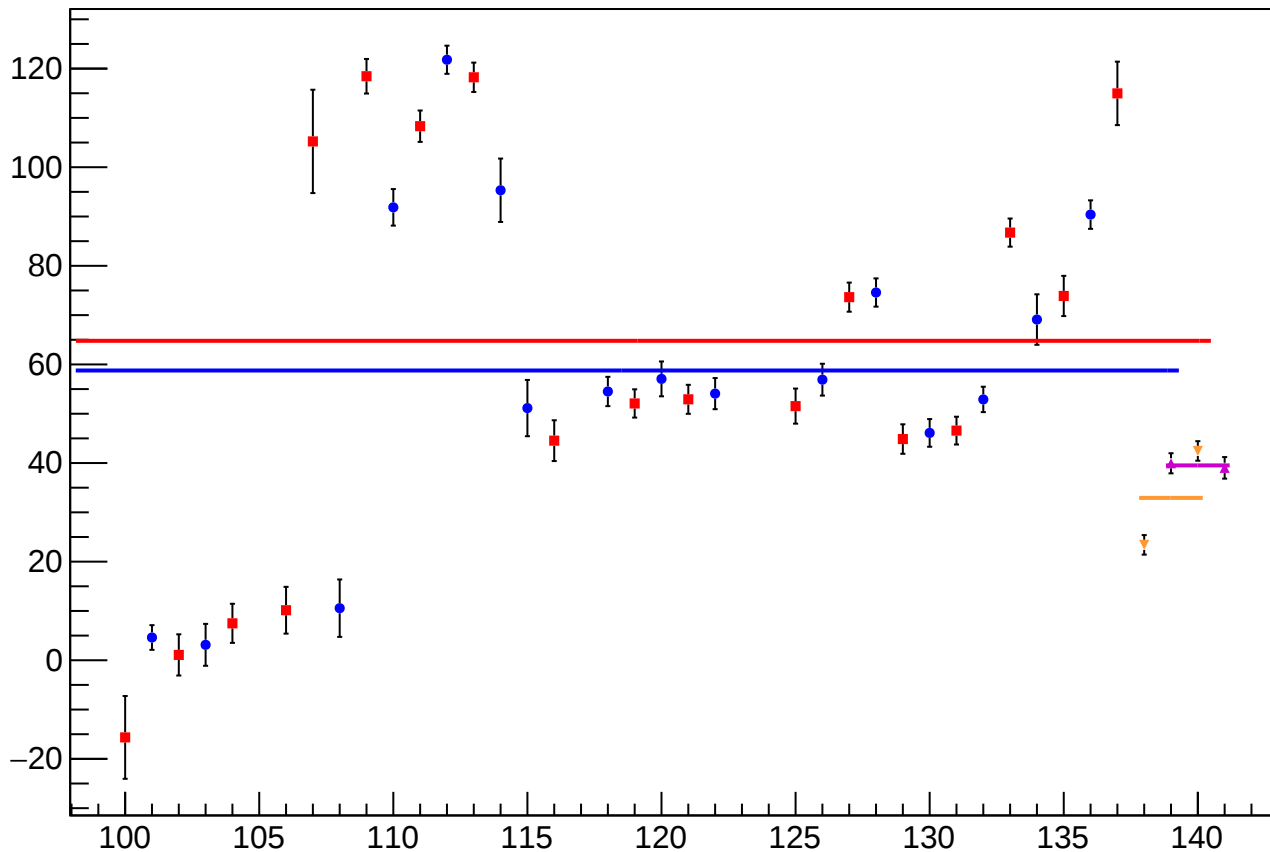
Right: 7.879+/-0.312 χ^2/NDF : 804.3/33

In: 6.175+/-0.413 χ^2/NDF : 486.1/17

Out: 8.035+/-0.420 χ^2/NDF : 380.1/19

All: 7.091+/-0.294 χ^2/NDF : 876.2/37

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: 32.930 $\pm$ 1.403 χ^2 /NDF:46.1/1

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: 36.023 $\pm$ 1.022 χ^2 /NDF: 56.5/3

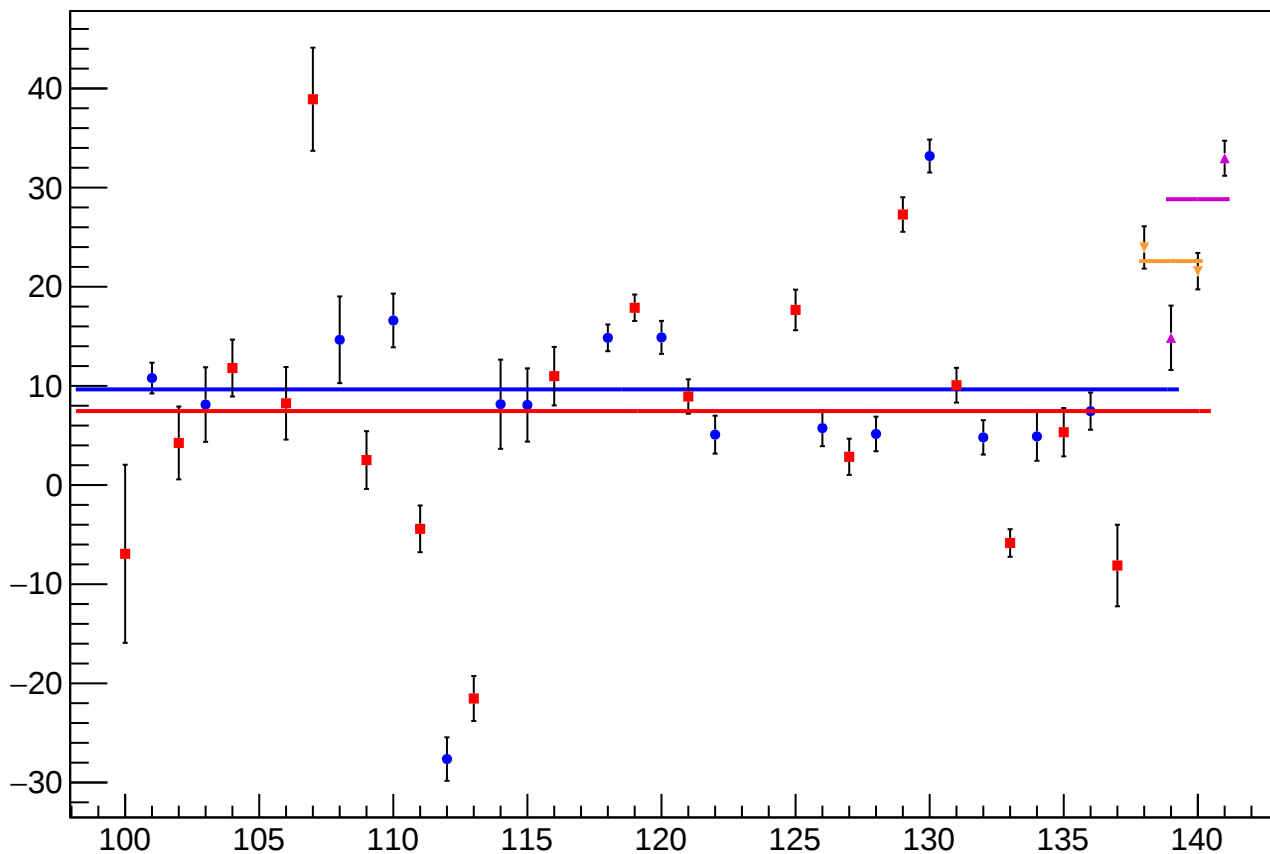
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 54.194 $\pm$ 0.727 χ^2 /NDF:1620.4/17

Out: 56.375 $\pm$ 0.721 χ^2 /NDF:2143.8/19

All: 55.294 $\pm$ 0.512 χ^2 /NDF: 3768.7/37

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 22.590 ± 1.394 χ^2/NDF : 0.7/1

Right Out: 7.463 ± 0.516 χ^2/NDF : 566.9/17

Left In: 28.829 ± 1.552 χ^2/NDF : 24.0/1

Left: 25.377 ± 1.037 χ^2/NDF : 33.7/3

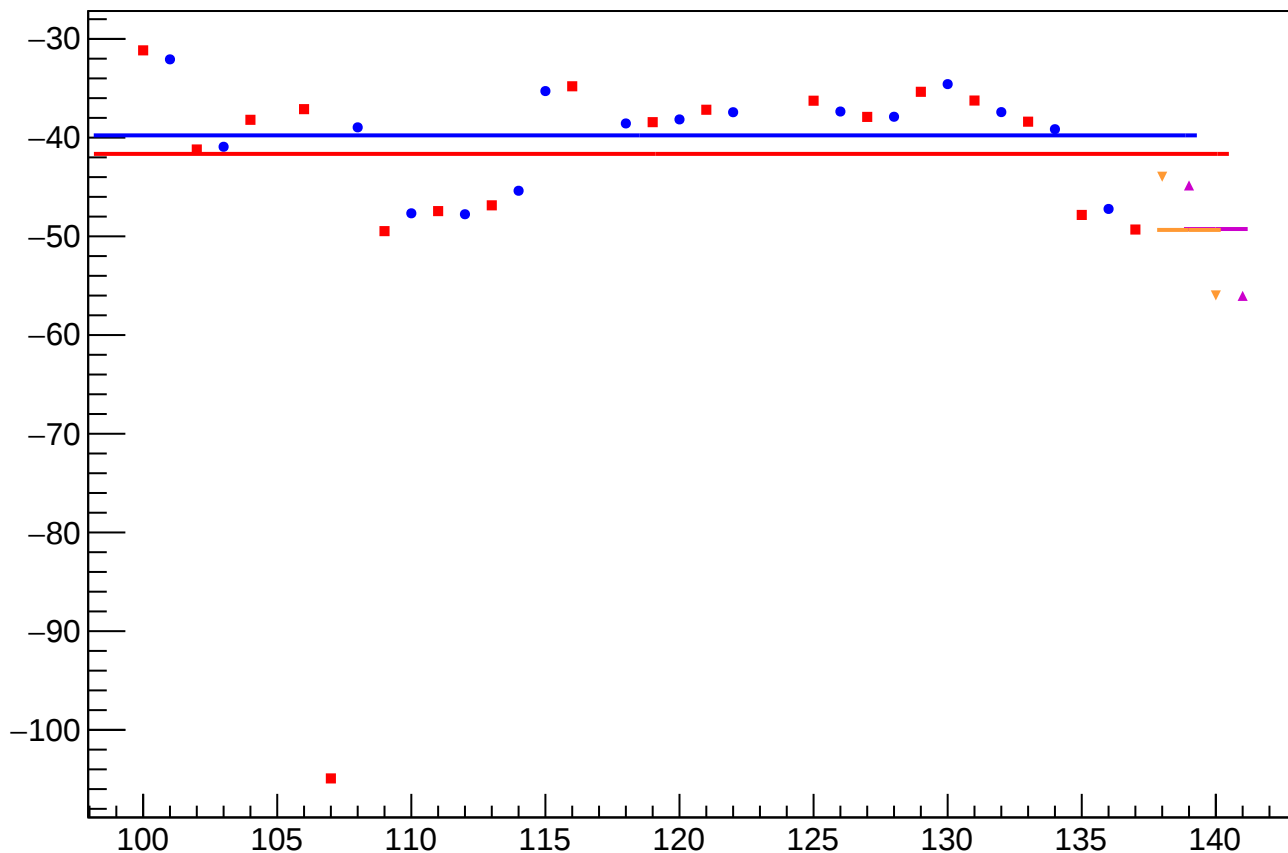
Right: 8.585 ± 0.360 χ^2/NDF : 1129.6/33

In: 11.466 ± 0.478 χ^2/NDF : 715.9/17

Out: 9.283 ± 0.484 χ^2/NDF : 671.2/19

All: 10.388 ± 0.340 χ^2/NDF : 1397.4/37

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$

Left Out: -49.350 ± 0.058 $\chi^2/\text{NDF}: 10634.7/1$

Right Out: -41.647 ± 0.031 $\chi^2/\text{NDF}: 94514.5/17$

Left In: -49.258 ± 0.056 $\chi^2/\text{NDF}: 9676.5/1$

Left: -49.302 ± 0.040 $\chi^2/\text{NDF}: 20312.6/3$

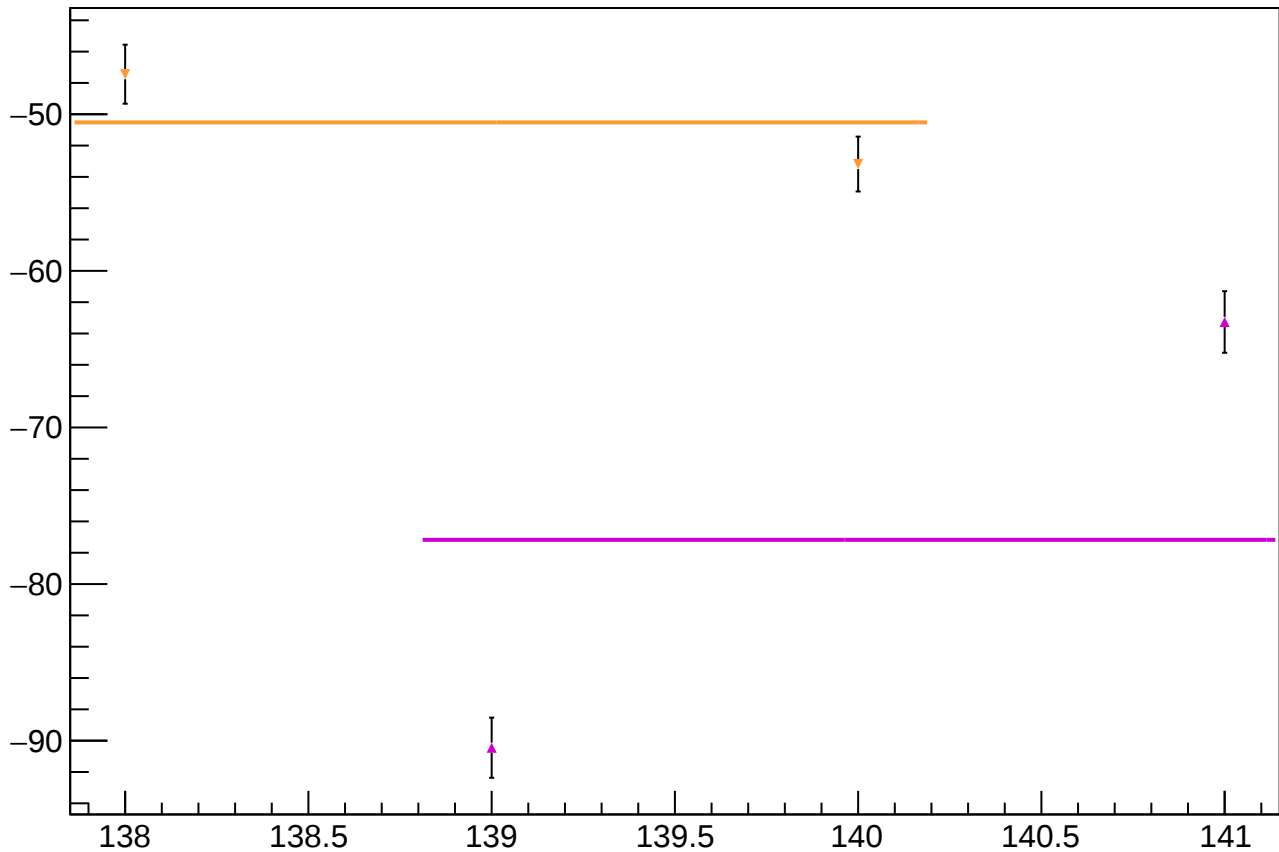
Right: -40.706 ± 0.022 $\chi^2/\text{NDF}: 122504.5/33$

In: -42.034 ± 0.027 $\chi^2/\text{NDF}: 58040.4/17$

Out: -43.376 ± 0.027 $\chi^2/\text{NDF}: 118832.2/19$

All: -42.697 ± 0.019 $\chi^2/\text{NDF}: 178080.6/37$

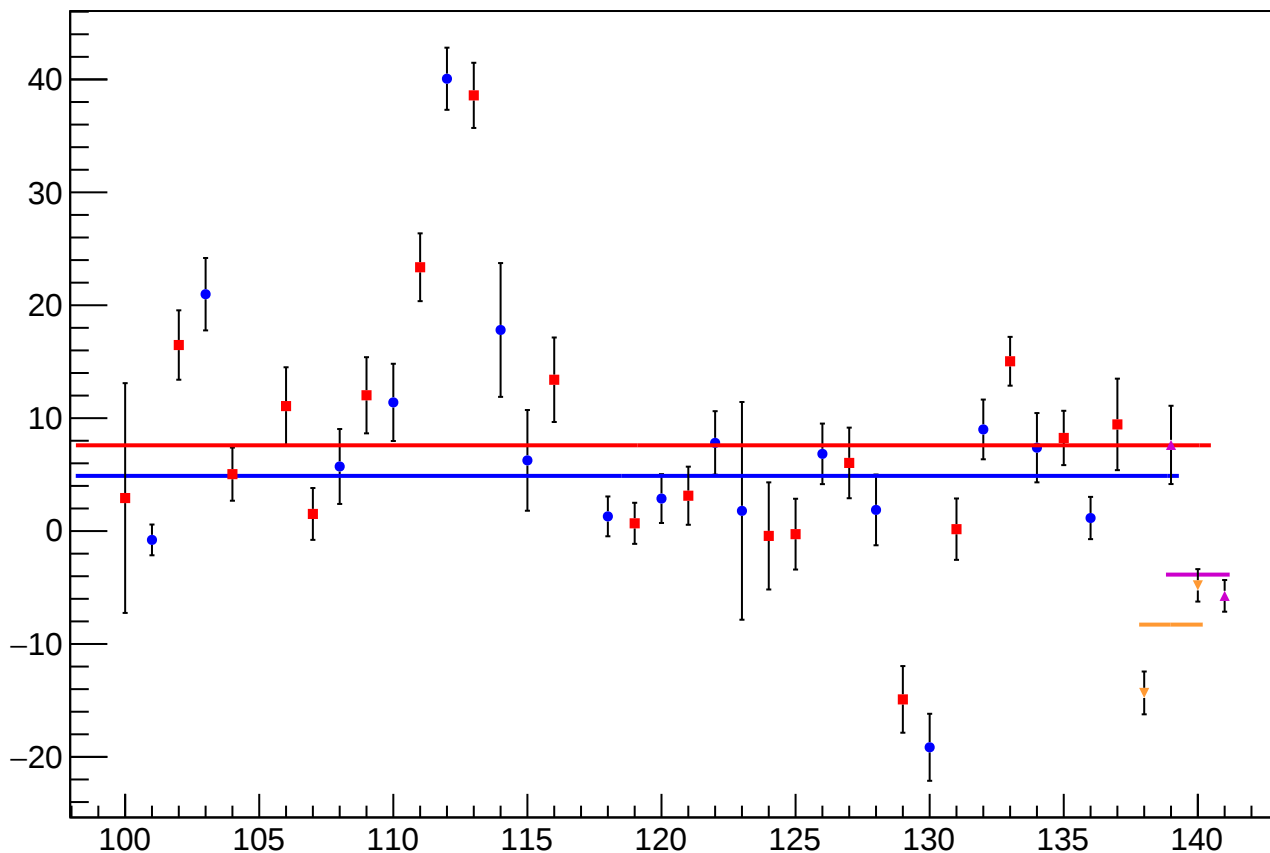
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -50.520 ± 1.283 $\chi^2/\text{NDF}: 5.0/1$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -77.175 ± 1.374 $\chi^2/\text{NDF}: 97.9/1$

Left: -62.943 ± 0.938 $\chi^2/\text{NDF}: 303.9/3$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -77.175 ± 1.374 $\chi^2/\text{NDF}: 97.9/1$
 Out: -50.520 ± 1.283 $\chi^2/\text{NDF}: 5.0/1$
 All: -62.943 ± 0.938 $\chi^2/\text{NDF}: 303.9/3$

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -8.284 ± 1.145 $\chi^2/\text{NDF}: 16.0/1$

Right Out: 7.596 ± 0.651 $\chi^2/\text{NDF}: 269.4/18$

Left In: -3.856 ± 1.301 $\chi^2/\text{NDF}: 12.8/1$

Left: -6.350 ± 0.860 $\chi^2/\text{NDF}: 35.3/3$

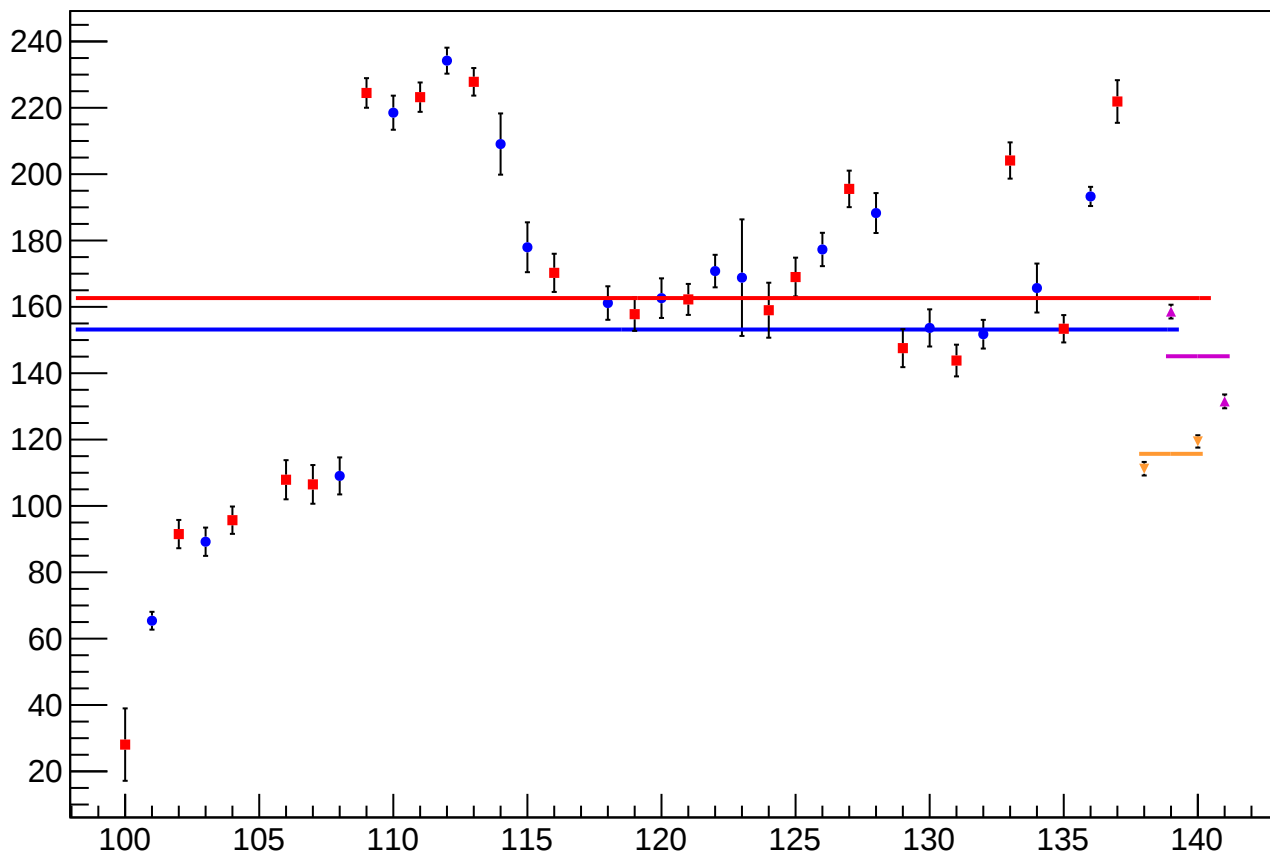
Right: 6.180 ± 0.450 $\chi^2/\text{NDF}: 573.2/35$

In: 3.261 ± 0.561 $\chi^2/\text{NDF}: 344.3/18$

Out: 3.720 ± 0.566 $\chi^2/\text{NDF}: 430.7/20$

All: 3.488 ± 0.398 $\chi^2/\text{NDF}: 775.3/39$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 115.701 $\pm$ 1.378 χ^2 /NDF: 8.8/1

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 145.116 $\pm$ 1.474 χ^2 /NDF: 84.3/1

Left: 129.421 $\pm$ 1.006 χ^2 /NDF: 305.7/3

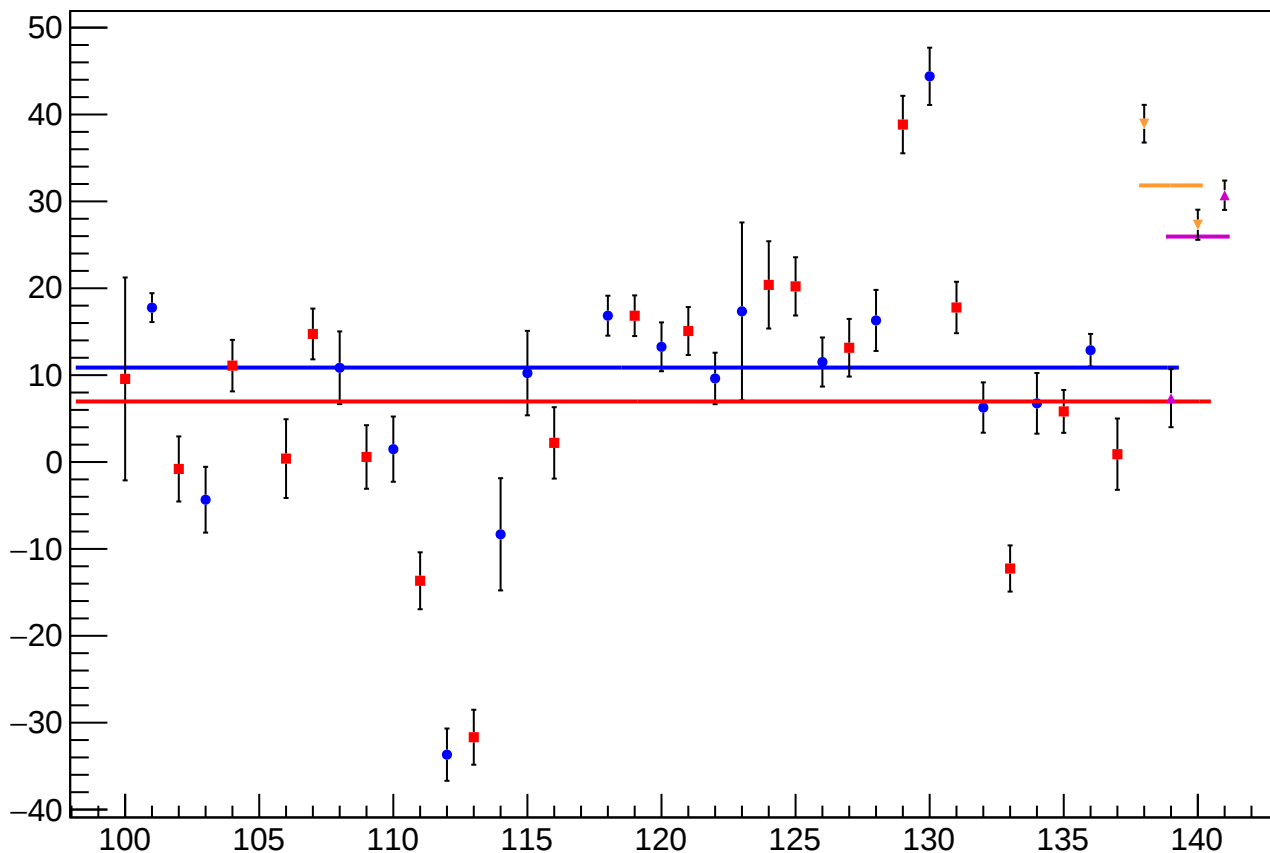
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 150.136 $\pm$ 0.905 χ^2 /NDF: 2367.2/18

Out: 142.857 $\pm$ 0.895 χ^2 /NDF: 2389.1/20

All: 146.455 $\pm$ 0.636 χ^2 /NDF: 4789.0/39

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 31.838 $\pm$ 1.355 χ^2 /NDF:17.5/1

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 25.950 $\pm$ 1.506 χ^2 /NDF:39.0/1

Left: 29.205 $\pm$ 1.007 χ^2 /NDF: 65.0/3

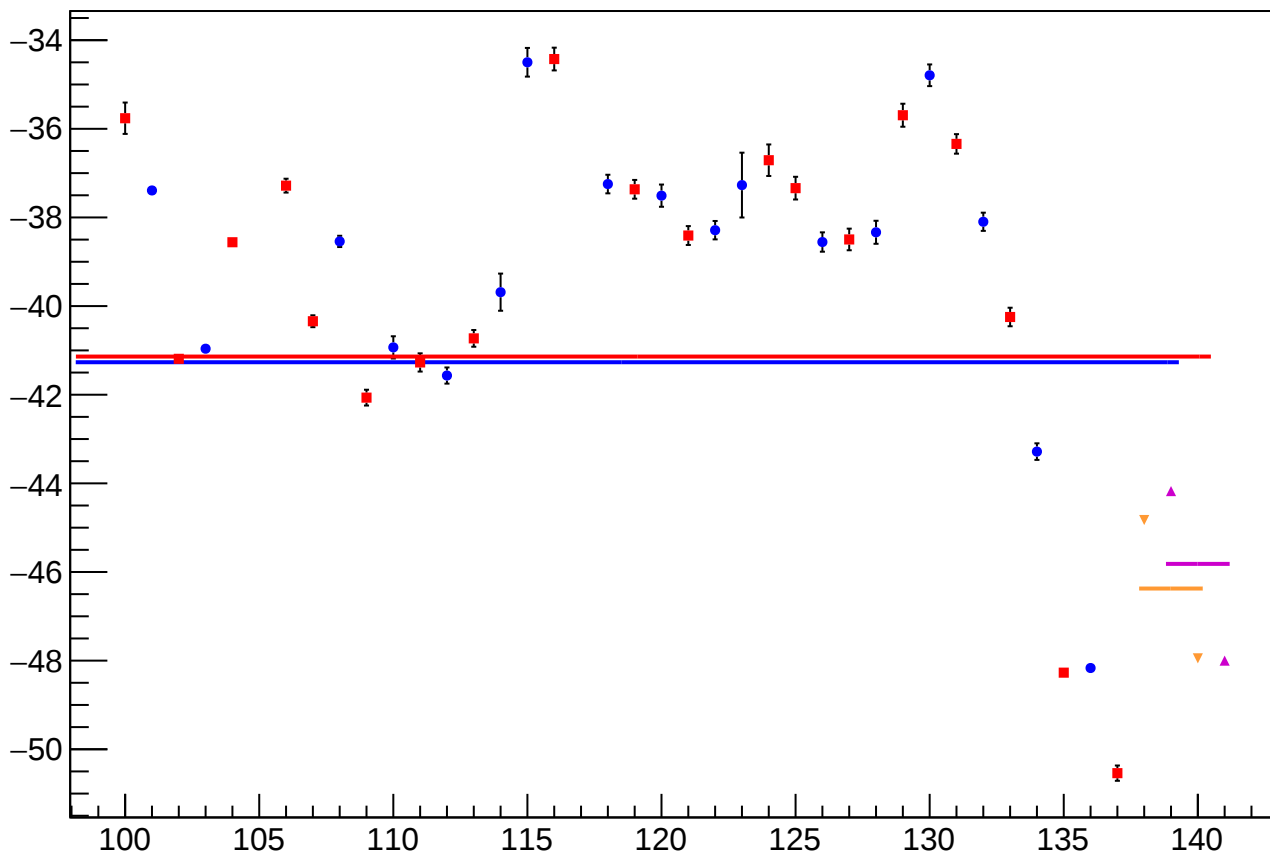
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 13.642 $\pm$ 0.646 χ^2 /NDF:507.6/18

Out: 12.775 $\pm$ 0.654 χ^2 /NDF:698.2/20

All: 13.215 $\pm$ 0.460 χ^2 /NDF: 1206.7/39

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267+/-0.039 χ^2/NDF : 12581.8/16

Left Out: -46.373+/-0.057 χ^2/NDF : 739.9/1

Right Out: -41.139+/-0.039 χ^2/NDF : 12242.4/18

Left In: -45.817+/-0.055 χ^2/NDF : 1168.9/1

Left: -46.086+/-0.040 χ^2/NDF : 1957.5/3

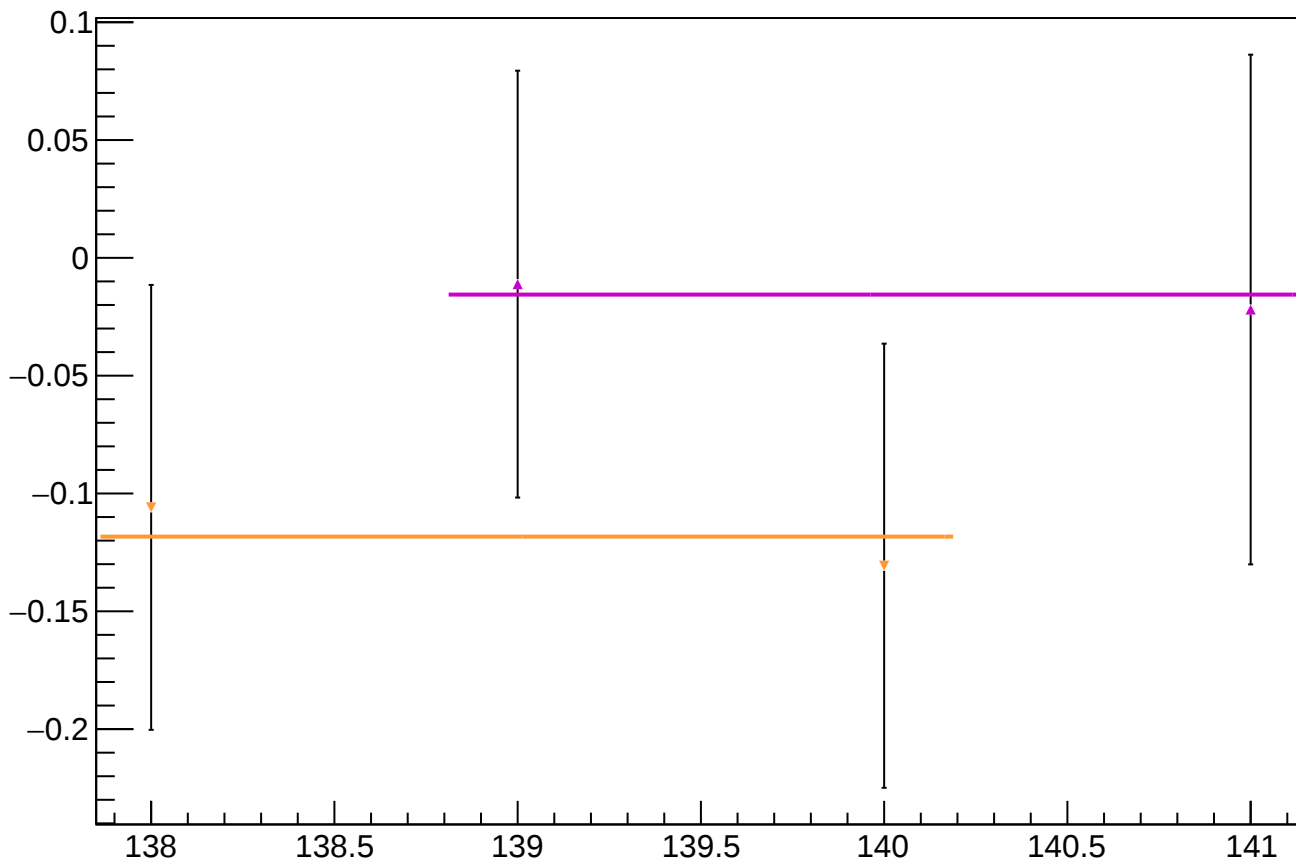
Right: -41.203+/-0.027 χ^2/NDF : 24829.7/35

In: -42.751+/-0.032 χ^2/NDF : 18299.2/18

Out: -42.771+/-0.032 χ^2/NDF : 18712.8/20

All: -42.761+/-0.023 χ^2/NDF : 37012.2/39

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.118 $\pm$ 0.067 χ^2 /NDF: 0.0/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.016 $\pm$ 0.069 χ^2 /NDF: 0.0/1

Left: -0.069 $\pm$ 0.048 χ^2 /NDF: 1.2/3

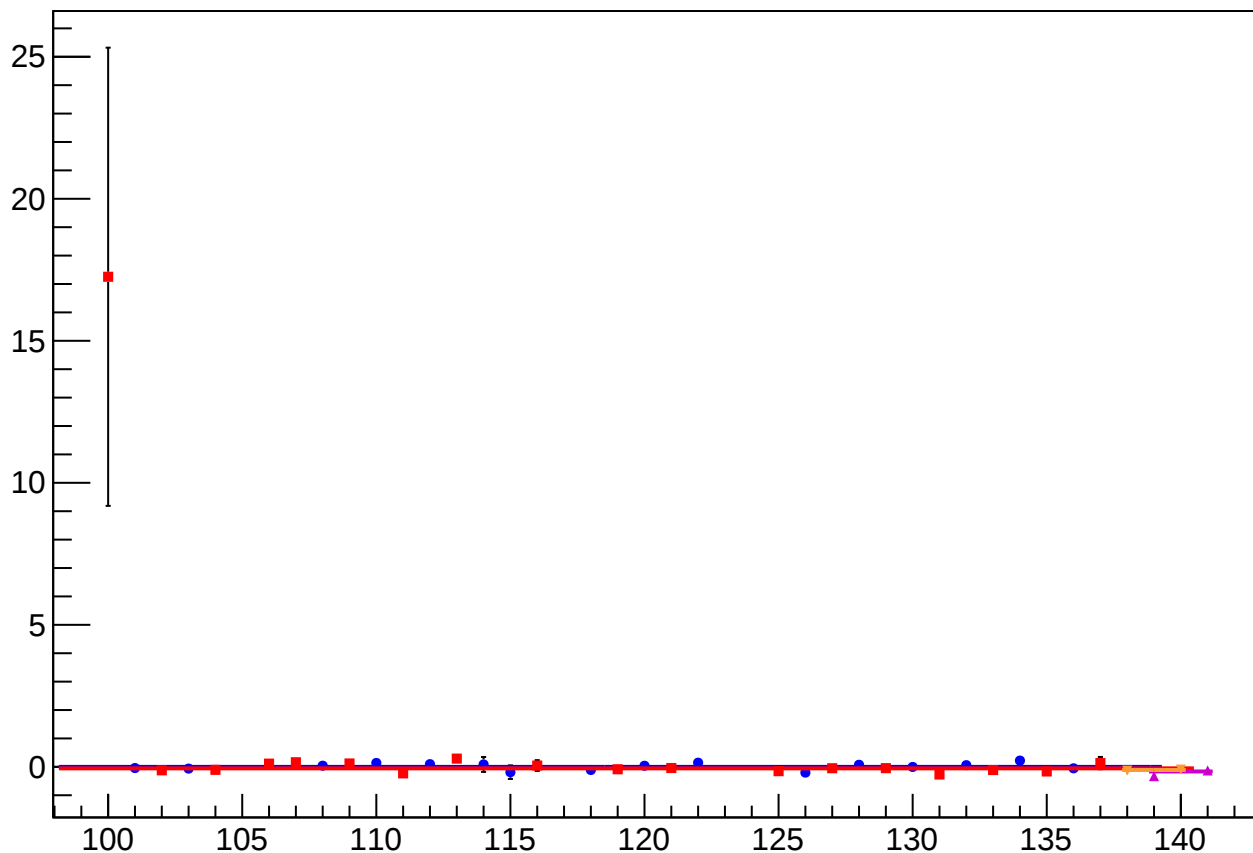
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.016 $\pm$ 0.069 χ^2 /NDF: 0.0/1

Out: -0.118 $\pm$ 0.067 χ^2 /NDF: 0.0/1

All: -0.069 $\pm$ 0.048 χ^2 /NDF: 1.2/3

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.111 ± 0.062 χ^2/NDF : 0.1/1

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: -0.134 ± 0.046 χ^2/NDF : 1.6/3

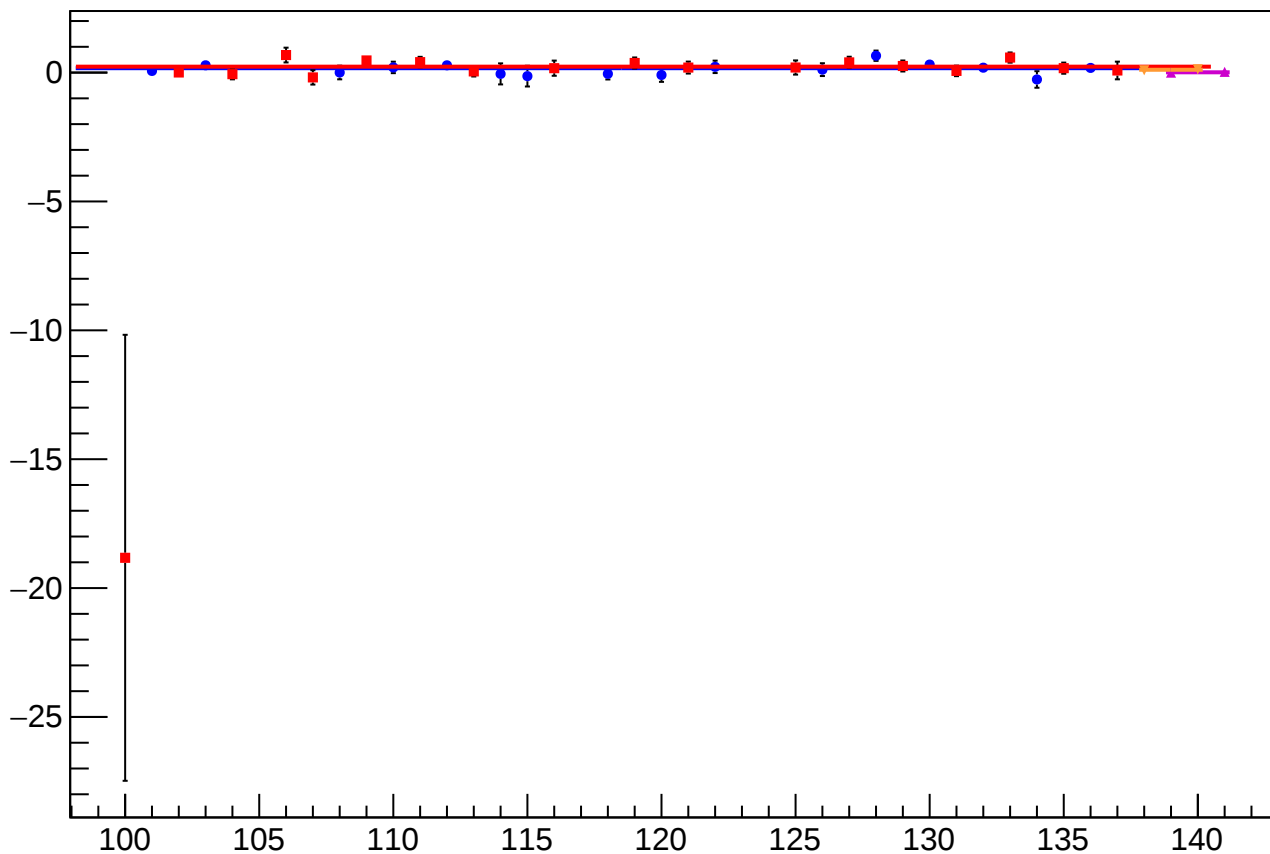
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.024 ± 0.026 χ^2/NDF : 17.8/17

Out: -0.064 ± 0.026 χ^2/NDF : 26.3/19

All: -0.044 ± 0.019 χ^2/NDF : 45.3/37

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: 0.109 $\pm$ 0.072 χ^2 /NDF:0.1/1

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: 0.062 $\pm$ 0.052 χ^2 /NDF: 1.0/3

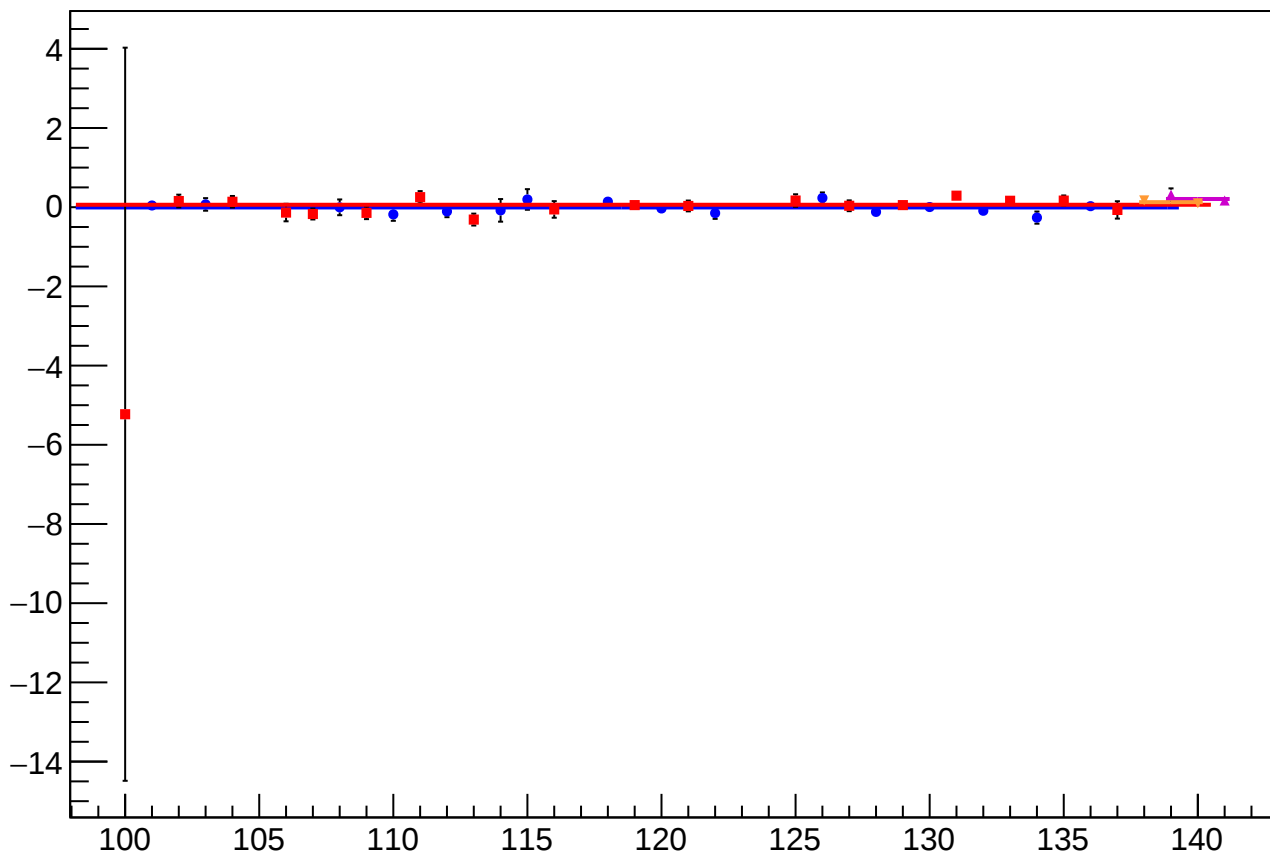
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.117 $\pm$ 0.043 χ^2 /NDF:16.1/17

Out: 0.186 $\pm$ 0.043 χ^2 /NDF:23.5/19

All: 0.152 $\pm$ 0.030 χ^2 /NDF: 40.9/37

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007±/0.033 χ^2/NDF : 13.2/15

Left Out: 0.127±/0.072 χ^2/NDF :0.2/1

Right Out: 0.062±/0.034 χ^2/NDF : 20.3/17

Left In: 0.207±/0.080 χ^2/NDF :0.7/1

Left: 0.163±/0.054 χ^2/NDF : 1.4/3

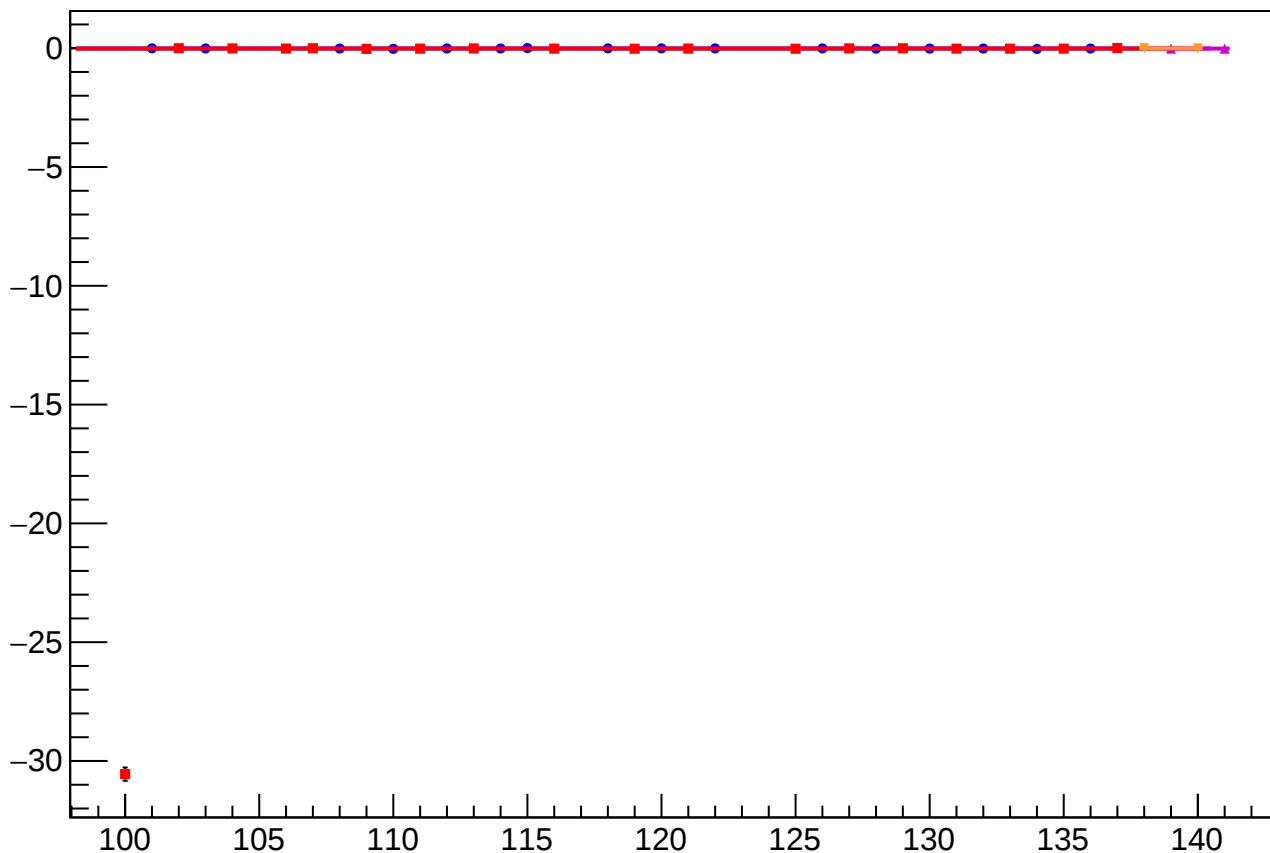
Right: 0.026±/0.023 χ^2/NDF : 35.6/33

In: 0.024±/0.030 χ^2/NDF :20.0/17

Out: 0.073±/0.031 χ^2/NDF :21.2/19

All: 0.048±/0.022 χ^2/NDF : 42.5/37

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.005 ± 0.003 χ^2/NDF : 2.1/1

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 : 9.7/3

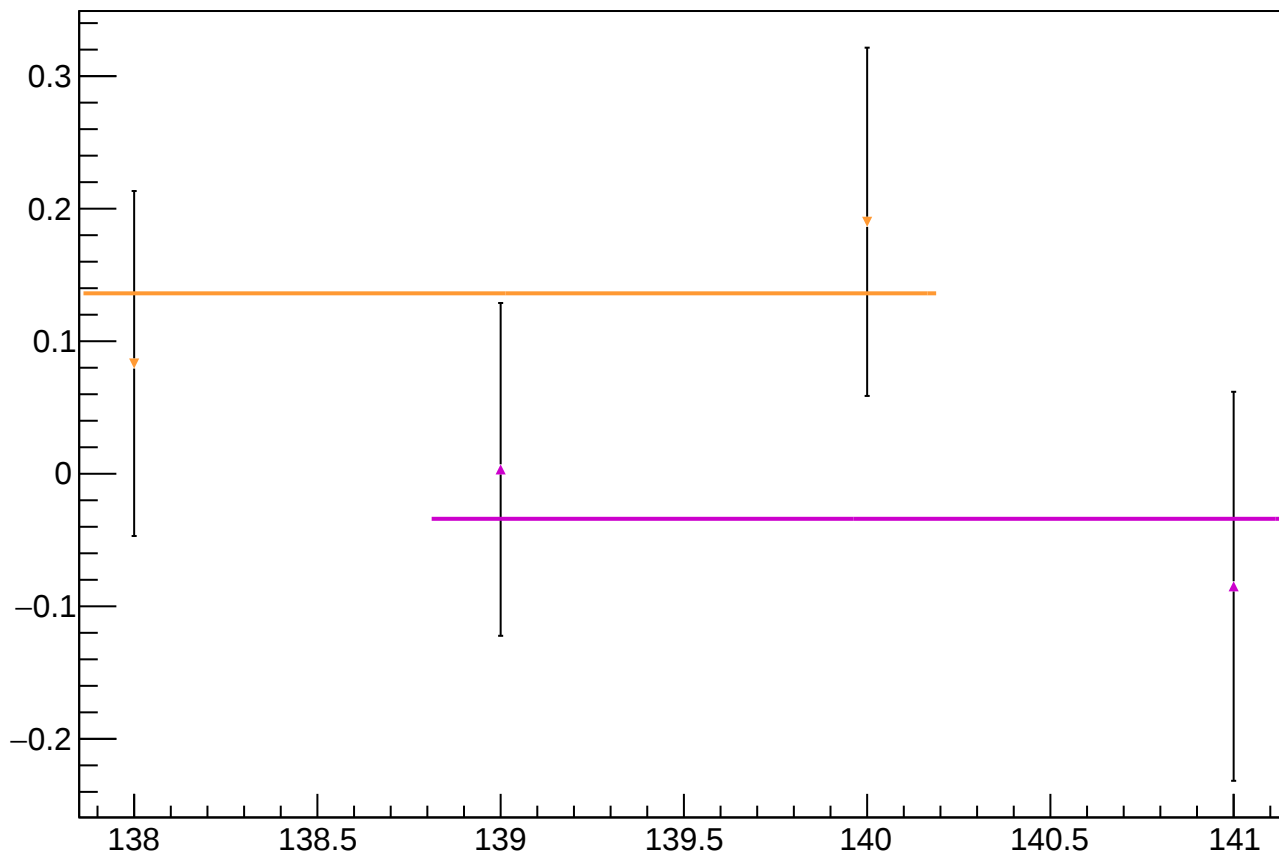
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.013 ± 0.002 χ^2/NDF : 15.0/17

Out: -0.010 ± 0.002 χ^2/NDF : 11896.2/19

All: -0.012 ± 0.001 χ^2/NDF : 11913.2/37

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.136+/-0.092 χ^2/NDF : 0.3/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.034+/-0.095 χ^2/NDF : 0.2/1

Left: 0.054+/-0.066 χ^2/NDF : 2.2/3

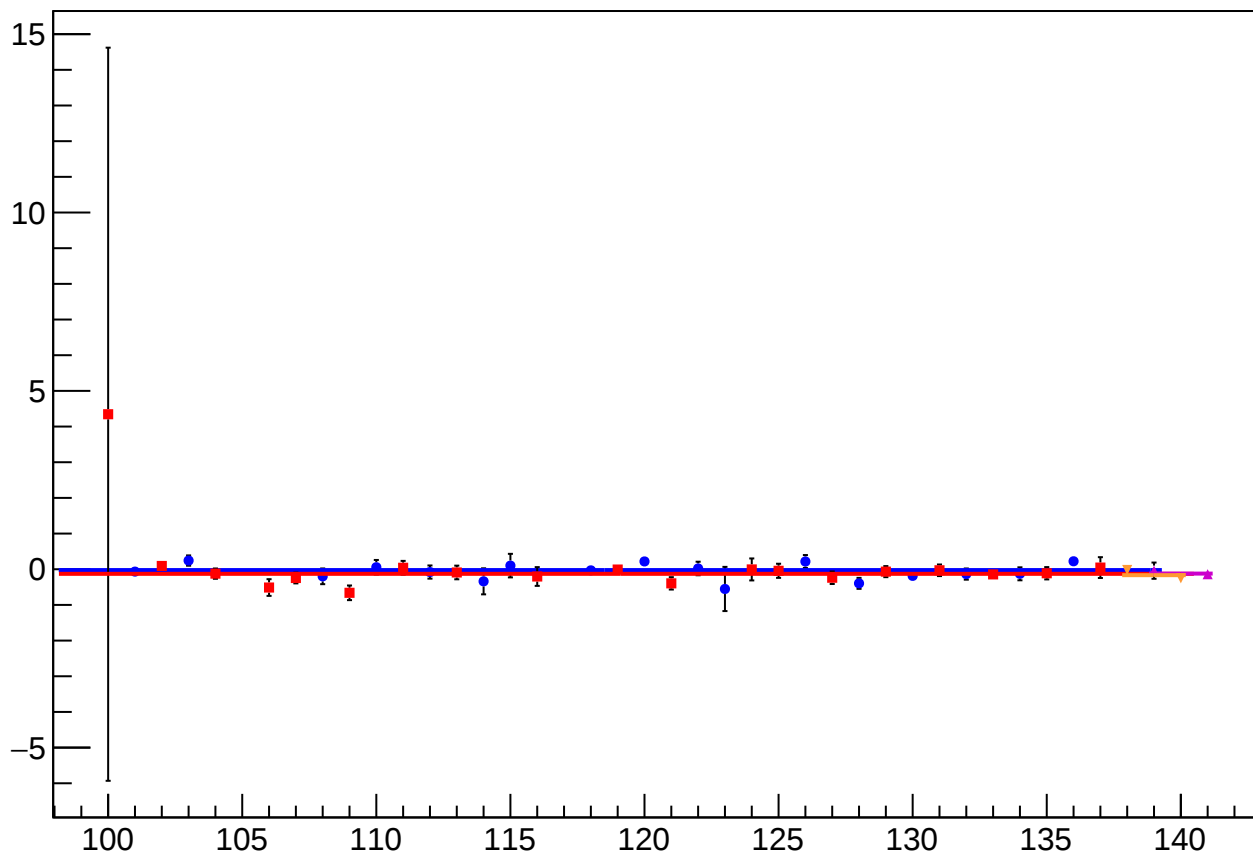
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.034+/-0.095 χ^2/NDF : 0.2/1

Out: 0.136+/-0.092 χ^2/NDF : 0.3/1

All: 0.054+/-0.066 χ^2/NDF : 2.2/3

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.166 ± 0.086 χ^2/NDF : 1.7/1

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.122 ± 0.096 χ^2/NDF : 0.2/1

Left: -0.146 ± 0.064 χ^2/NDF : 2.0/3

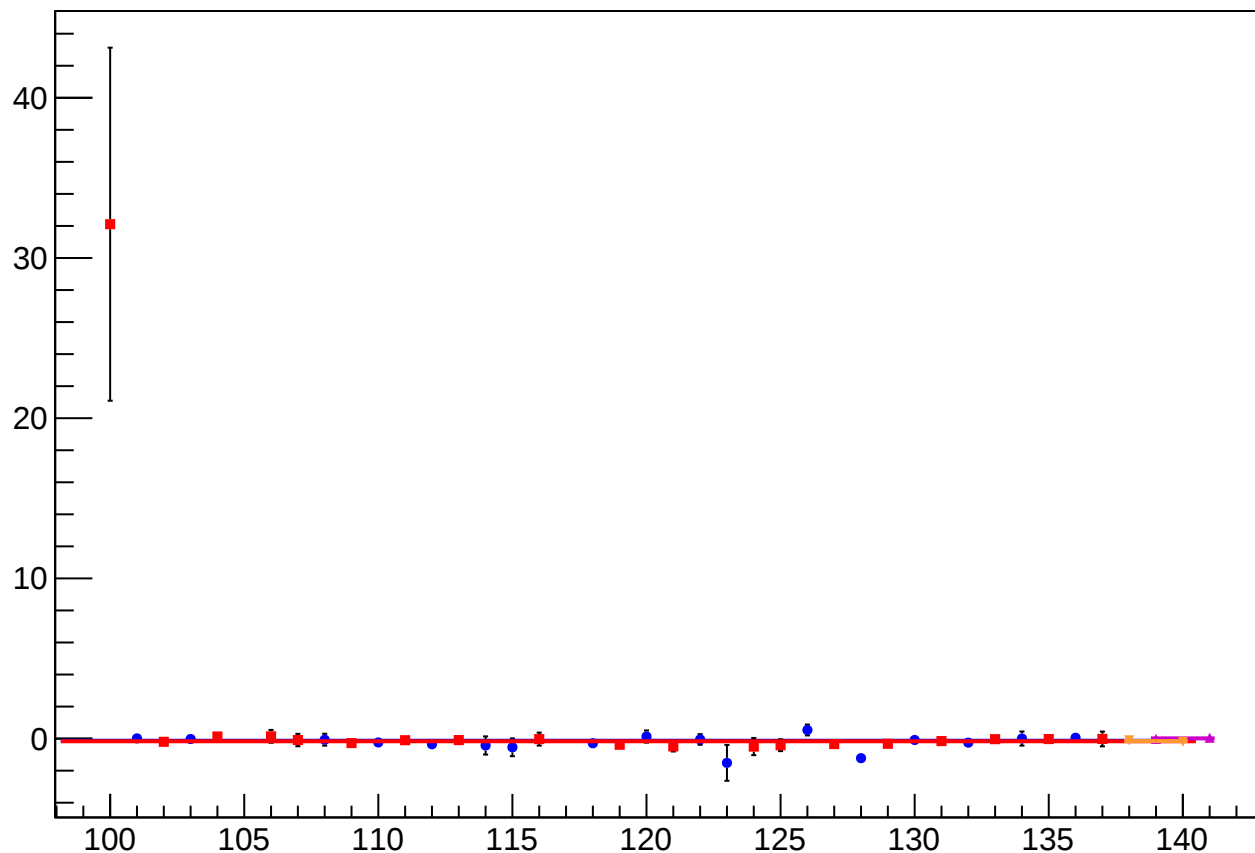
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.036 ± 0.034 χ^2/NDF : 23.5/18

Out: -0.135 ± 0.036 χ^2/NDF : 20.7/20

All: -0.083 ± 0.025 χ^2/NDF : 48.2/39

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: -0.152 ± 0.099 $\chi^2/\text{NDF}: 0.2/1$

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: -0.071 ± 0.071 $\chi^2/\text{NDF}: 1.7/3$

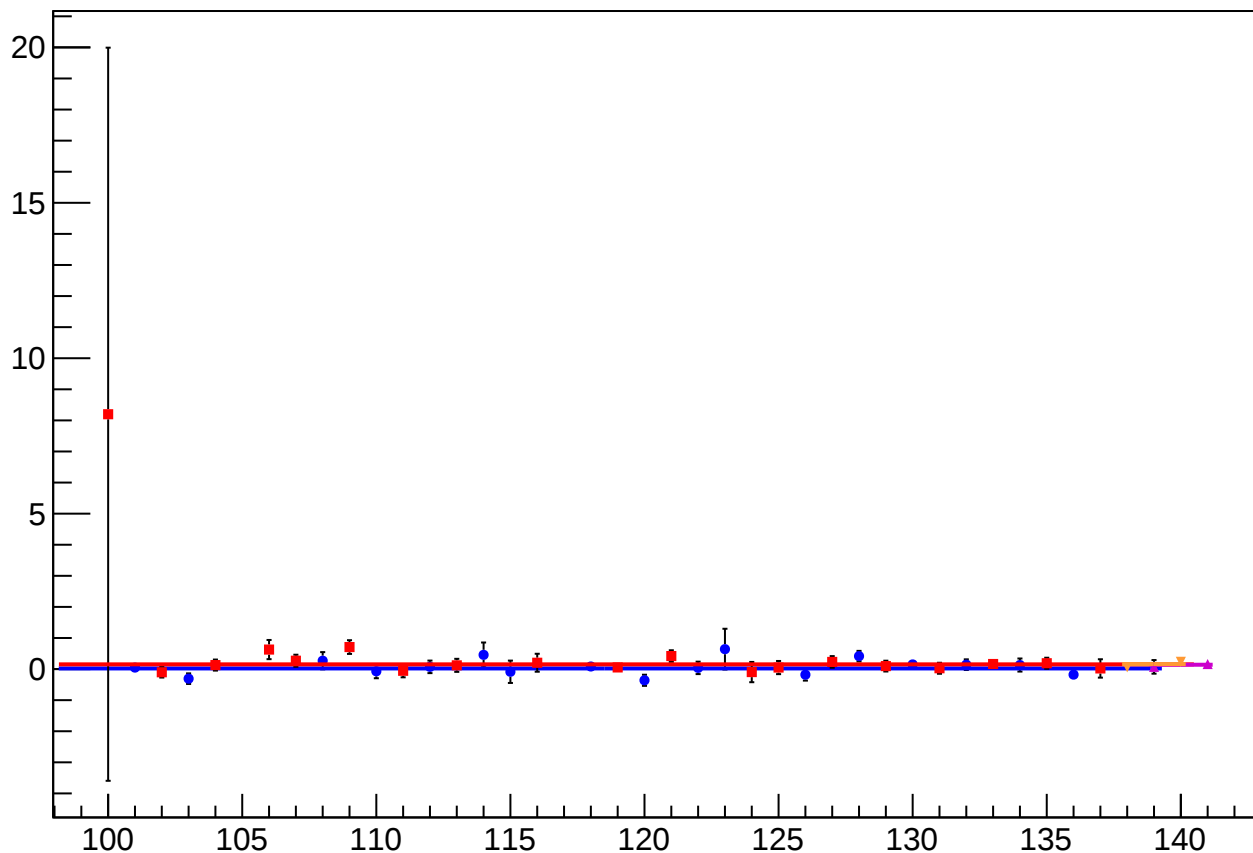
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.089 ± 0.056 $\chi^2/\text{NDF}: 27.3/18$

Out: -0.161 ± 0.058 $\chi^2/\text{NDF}: 14.9/20$

All: -0.124 ± 0.040 $\chi^2/\text{NDF}: 43.1/39$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 +/- 0.042 χ^2/NDF : 21.8/16

Left Out: 0.161 +/- 0.100 χ^2/NDF : 0.8/1

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: 0.151 +/- 0.074 χ^2/NDF : 0.9/3

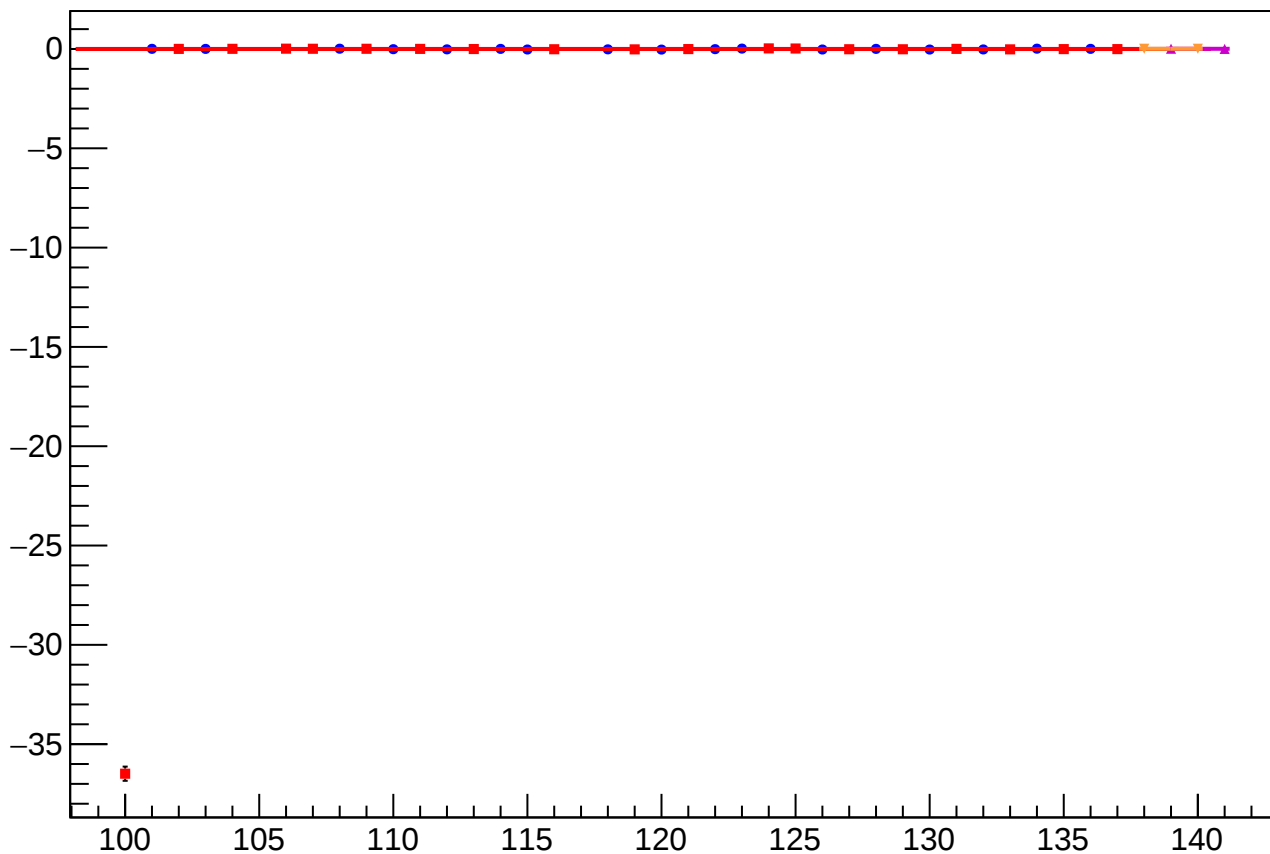
Right: 0.081 +/- 0.031 χ^2/NDF : 43.6/35

In: 0.036 +/- 0.039 χ^2/NDF : 23.0/18

Out: 0.153 +/- 0.041 χ^2/NDF : 18.0/20

All: 0.092 +/- 0.029 χ^2/NDF : 45.3/39

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: 0.012 $\pm$ 0.004 χ^2 /NDF: 0.0/1

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: 0.011 $\pm$ 0.003 χ^2 /NDF: 1.6/3

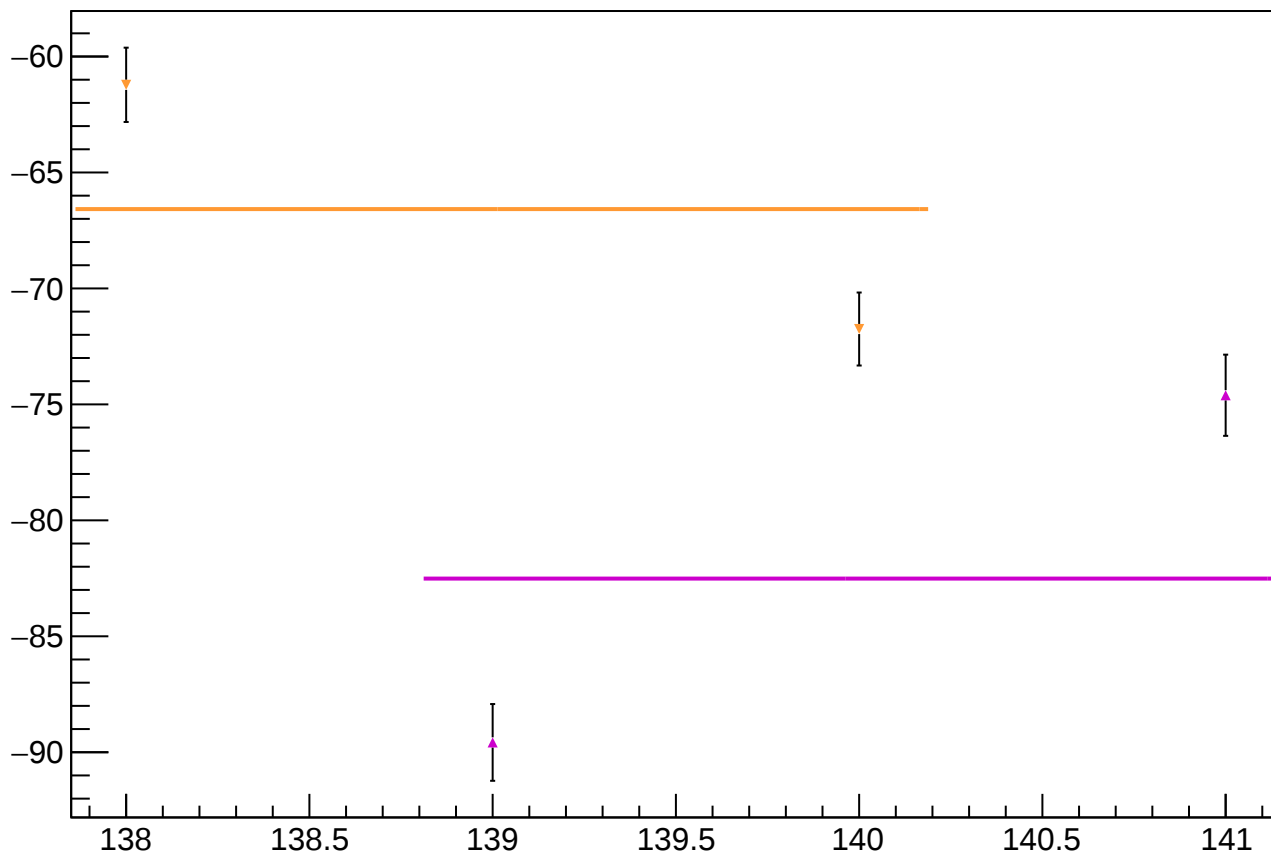
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.003 $\pm$ 0.002 χ^2 /NDF: 37.3/18

Out: 0.003 $\pm$ 0.002 χ^2 /NDF: 10454.8/20

All: 0.003 $\pm$ 0.001 χ^2 /NDF: 10492.1/39

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: -66.579+/-1.123 χ^2/NDF :22.0/1

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: -73.998+/-0.821 χ^2/NDF : 154.4/3

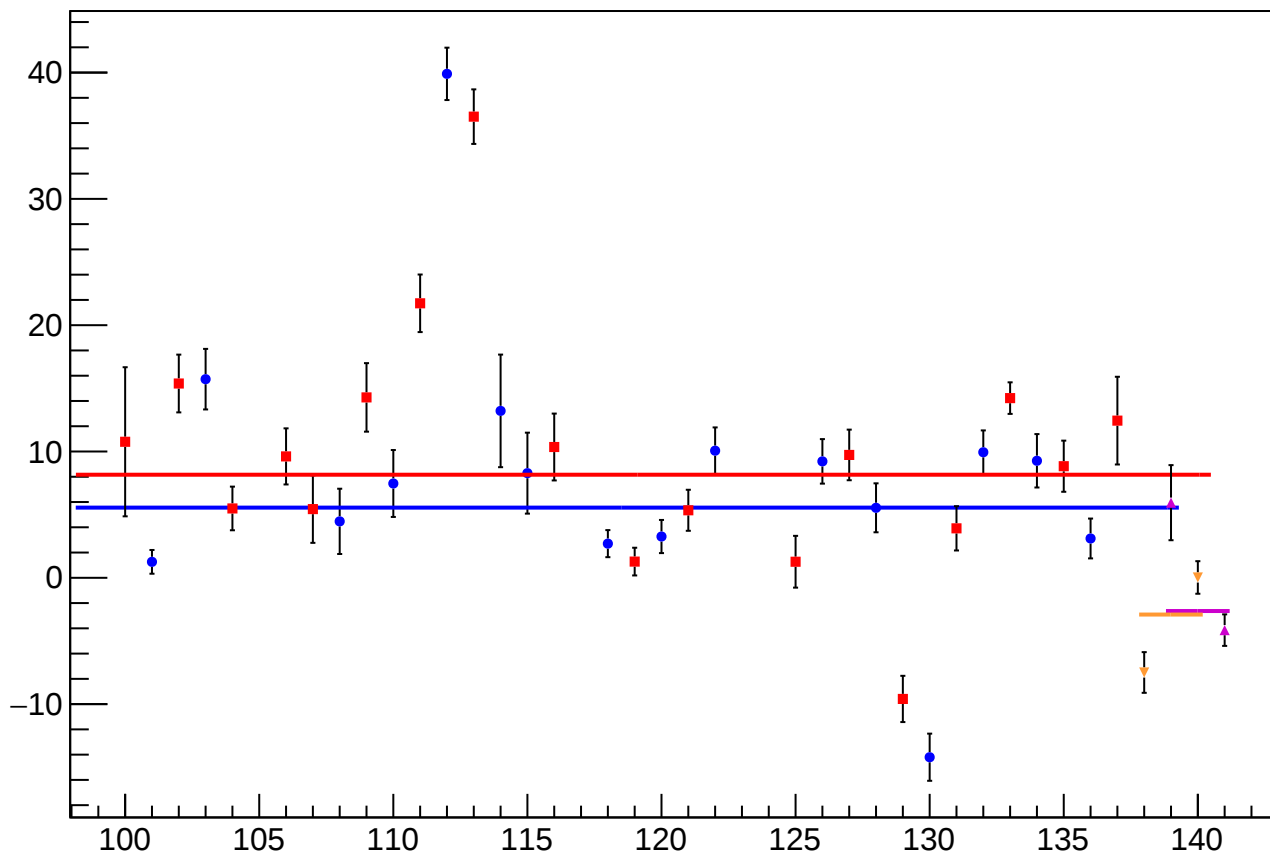
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.512+/-1.203 χ^2/NDF :38.6/1

Out: -66.579+/-1.123 χ^2/NDF :22.0/1

All: -73.998+/-0.821 χ^2/NDF : 154.4/3

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: -2.909 ± 1.006 $\chi^2/\text{NDF}: 13.3/1$

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: -2.788 ± 0.758 $\chi^2/\text{NDF}: 23.1/3$

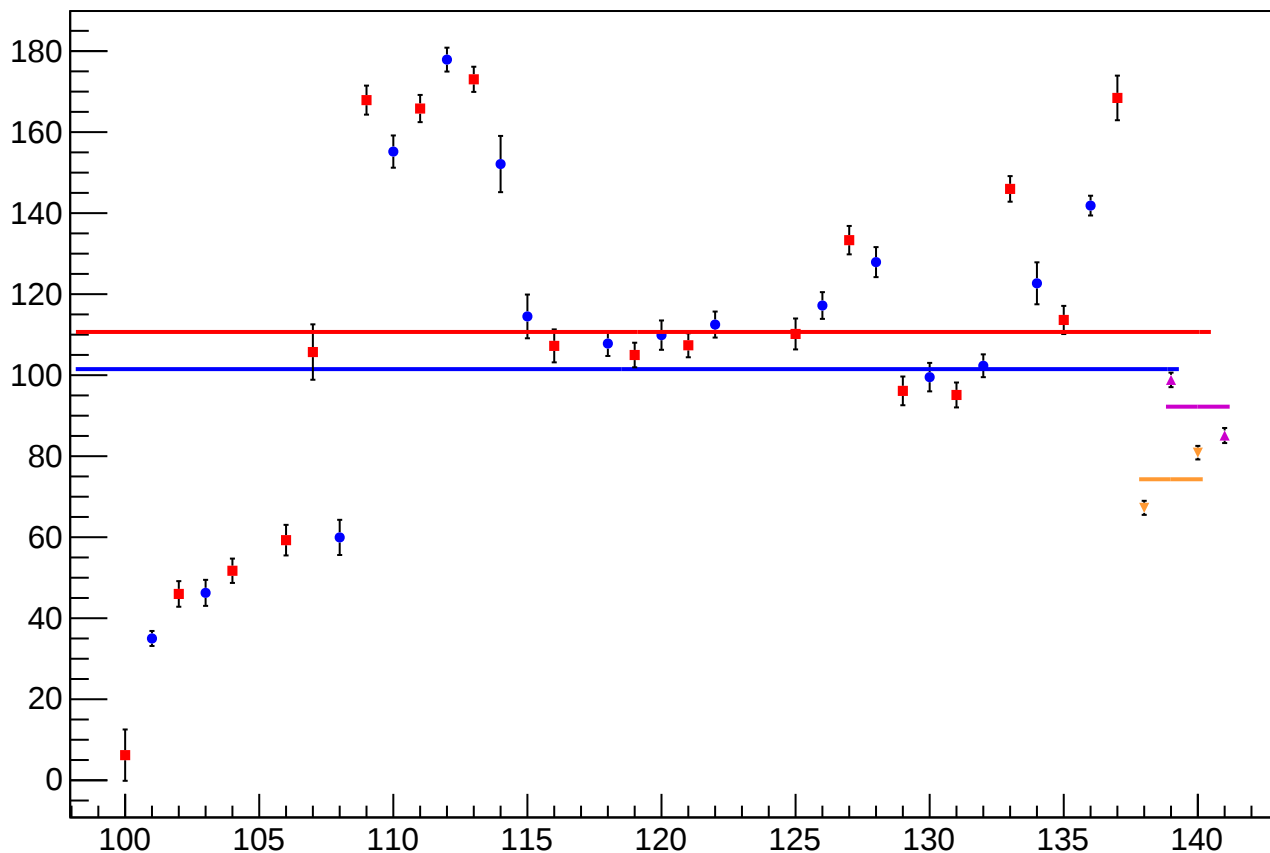
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.579 ± 0.398 $\chi^2/\text{NDF}: 516.3/17$

Out: 6.297 ± 0.413 $\chi^2/\text{NDF}: 520.9/19$

All: 5.406 ± 0.287 $\chi^2/\text{NDF}: 1046.2/37$

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: 74.305 $\pm$ 1.206 χ^2 /NDF:31.8/1

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: 82.655 $\pm$ 0.881 χ^2 /NDF: 163.0/3

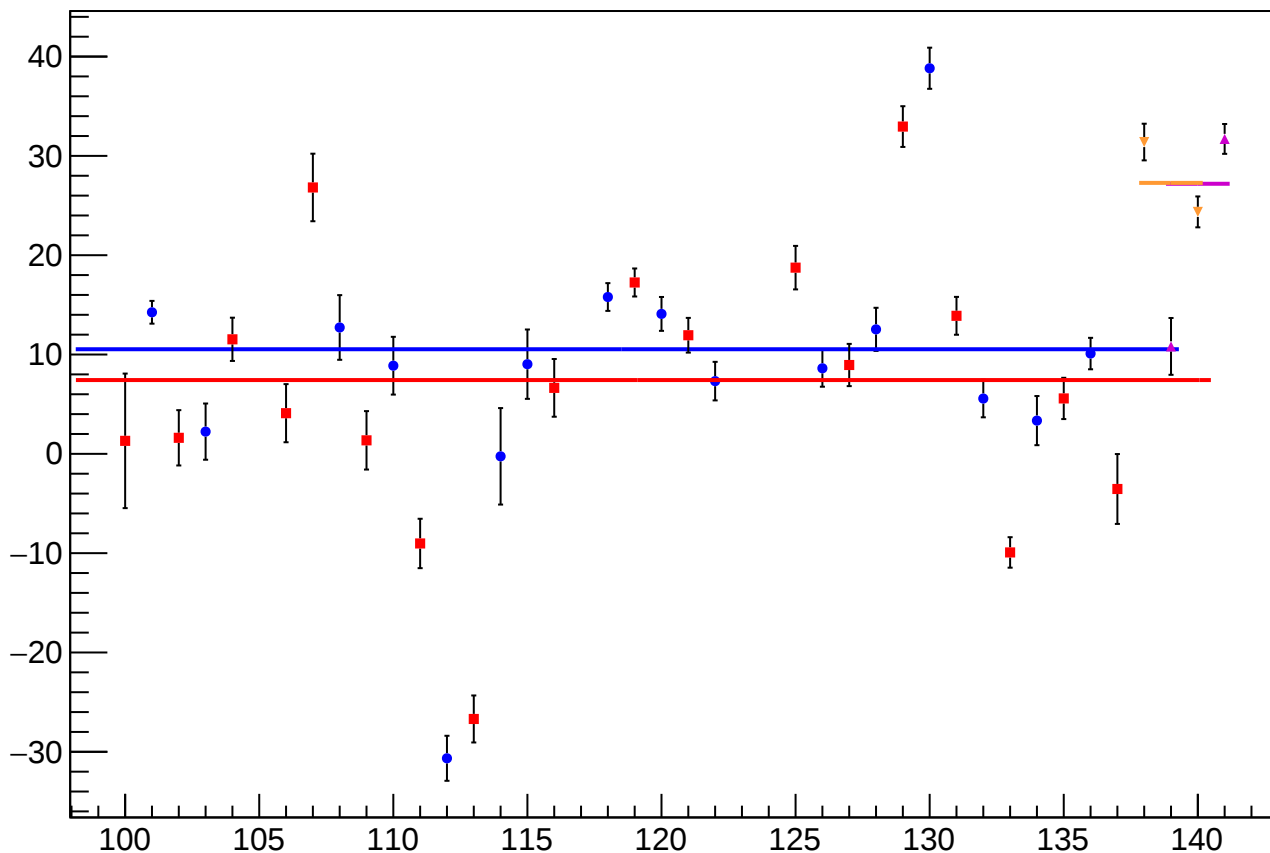
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 98.886 $\pm$ 0.685 χ^2 /NDF:3038.2/17

Out: 98.869 $\pm$ 0.687 χ^2 /NDF:3159.9/19

All: 98.877 $\pm$ 0.485 χ^2 /NDF: 6198.1/37

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: 27.282 $\pm$ 1.189 χ^2 /NDF: 8.5/1

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: 27.242 $\pm$ 0.887 χ^2 /NDF: 50.3/3

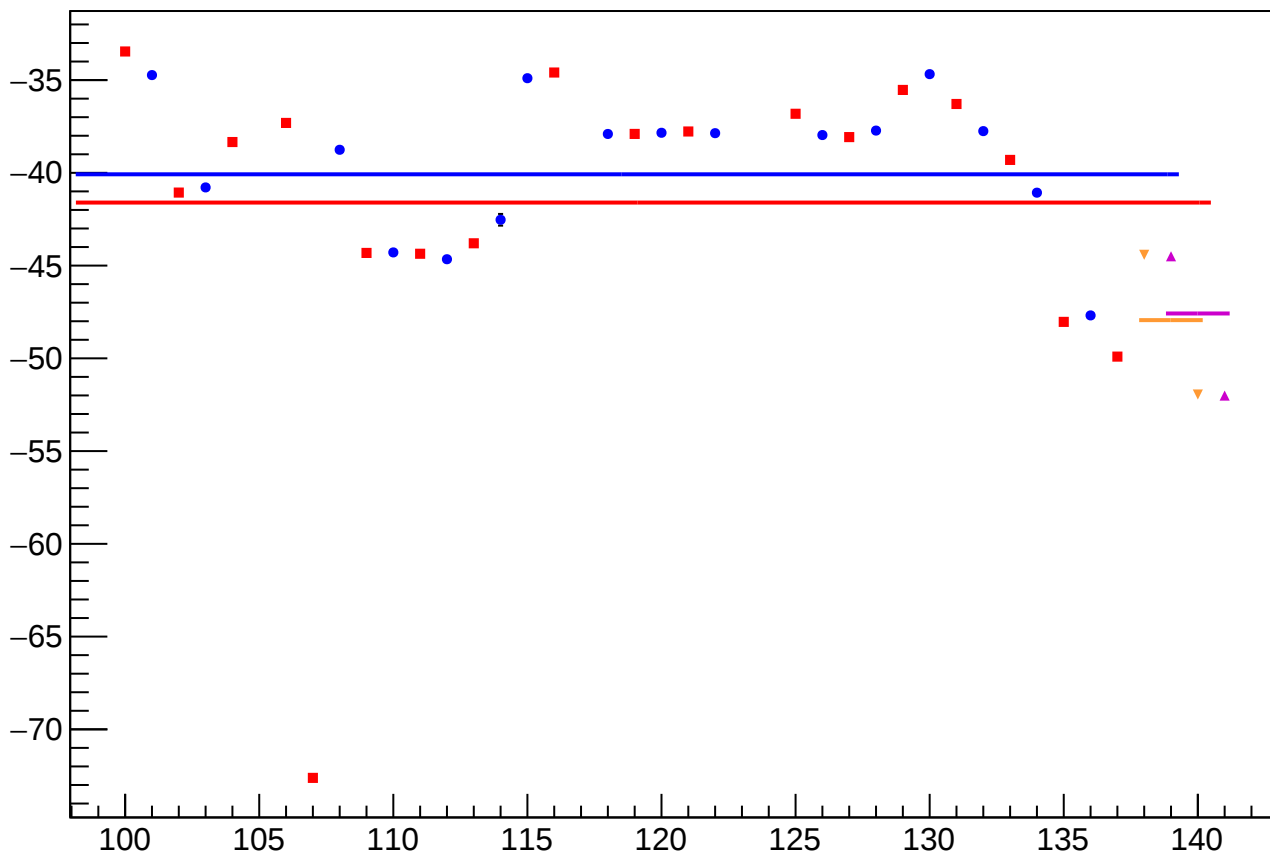
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 12.543 $\pm$ 0.462 χ^2 /NDF: 760.1/17

Out: 10.651 $\pm$ 0.479 χ^2 /NDF: 927.7/19

All: 11.631 $\pm$ 0.333 χ^2 /NDF: 1695.8/37

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: -47.940 ± 0.050 χ^2/NDF : 5625.7/1

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: -47.754 ± 0.035 χ^2/NDF : 11500.8/3

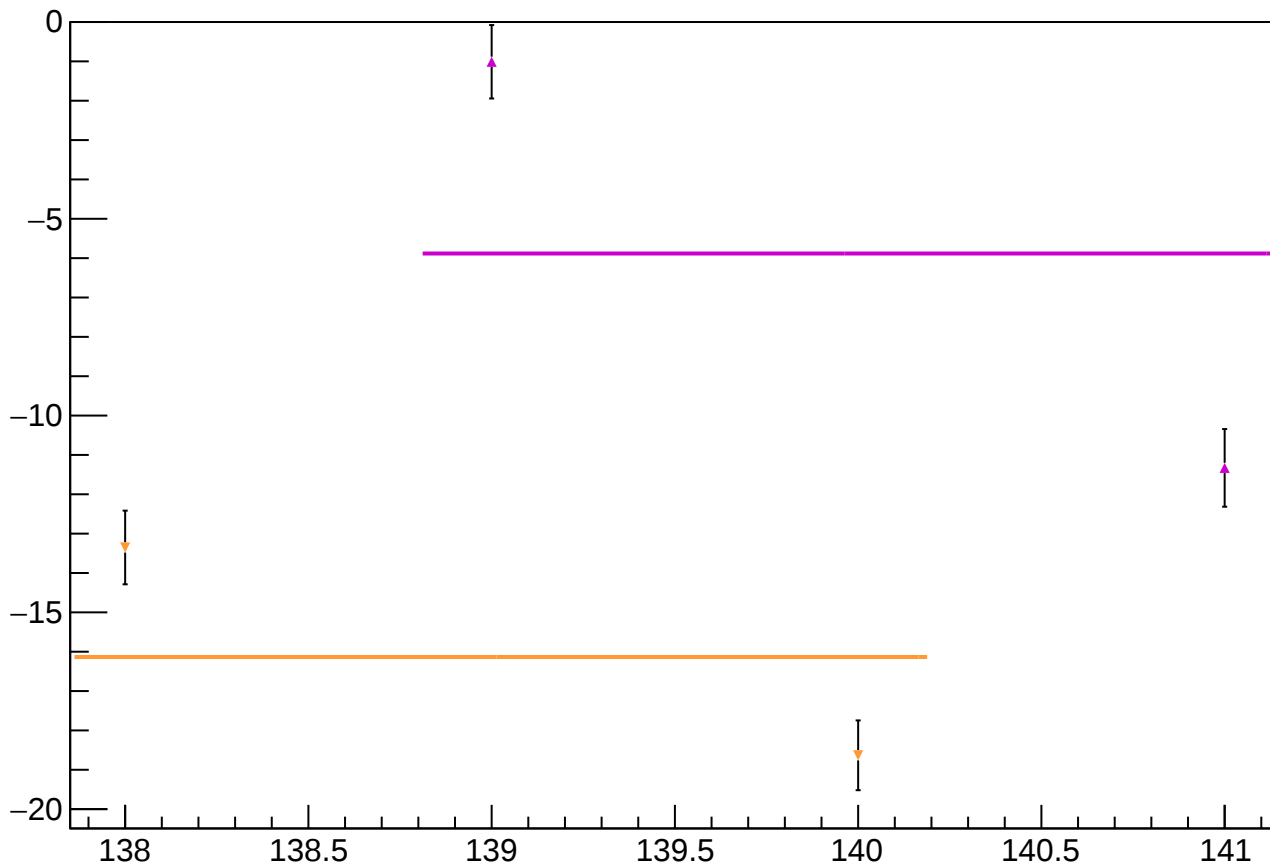
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -41.988 ± 0.024 χ^2/NDF : 48980.7/17

Out: -43.157 ± 0.025 χ^2/NDF : 79555.4/19

All: -42.562 ± 0.017 χ^2/NDF : 129665.9/37

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -16.134 $\pm$ 0.644 χ^2/NDF :16.8/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -5.882 $\pm$ 0.678 χ^2/NDF :57.7/1

Left: -11.274 $\pm$ 0.467 χ^2/NDF : 194.8/3

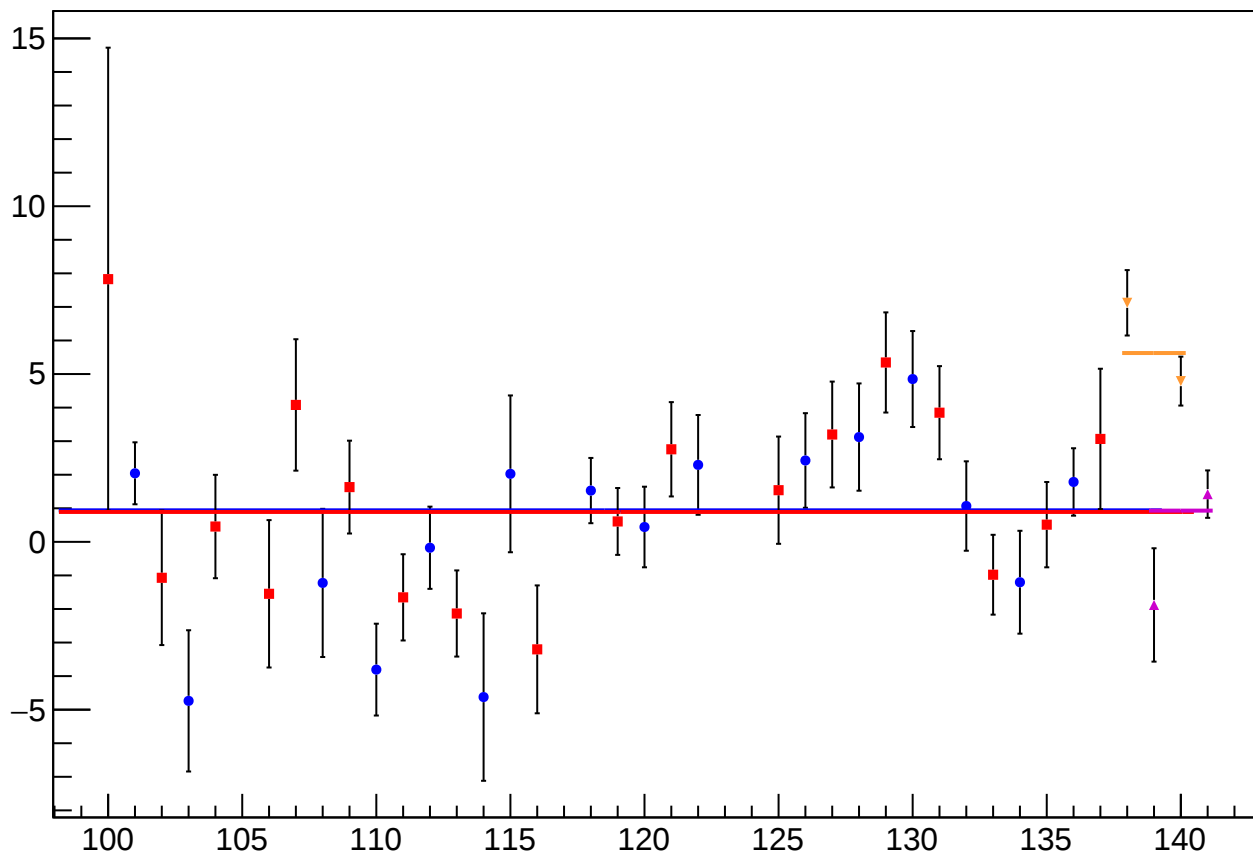
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -5.882 $\pm$ 0.678 χ^2/NDF :57.7/1

Out: -16.134 $\pm$ 0.644 χ^2/NDF :16.8/1

All: -11.274 $\pm$ 0.467 χ^2/NDF : 194.8/3

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: 5.626 ± 0.584 $\chi^2/\text{NDF}: 3.7/1$

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: 3.536 ± 0.435 $\chi^2/\text{NDF}: 35.7/3$

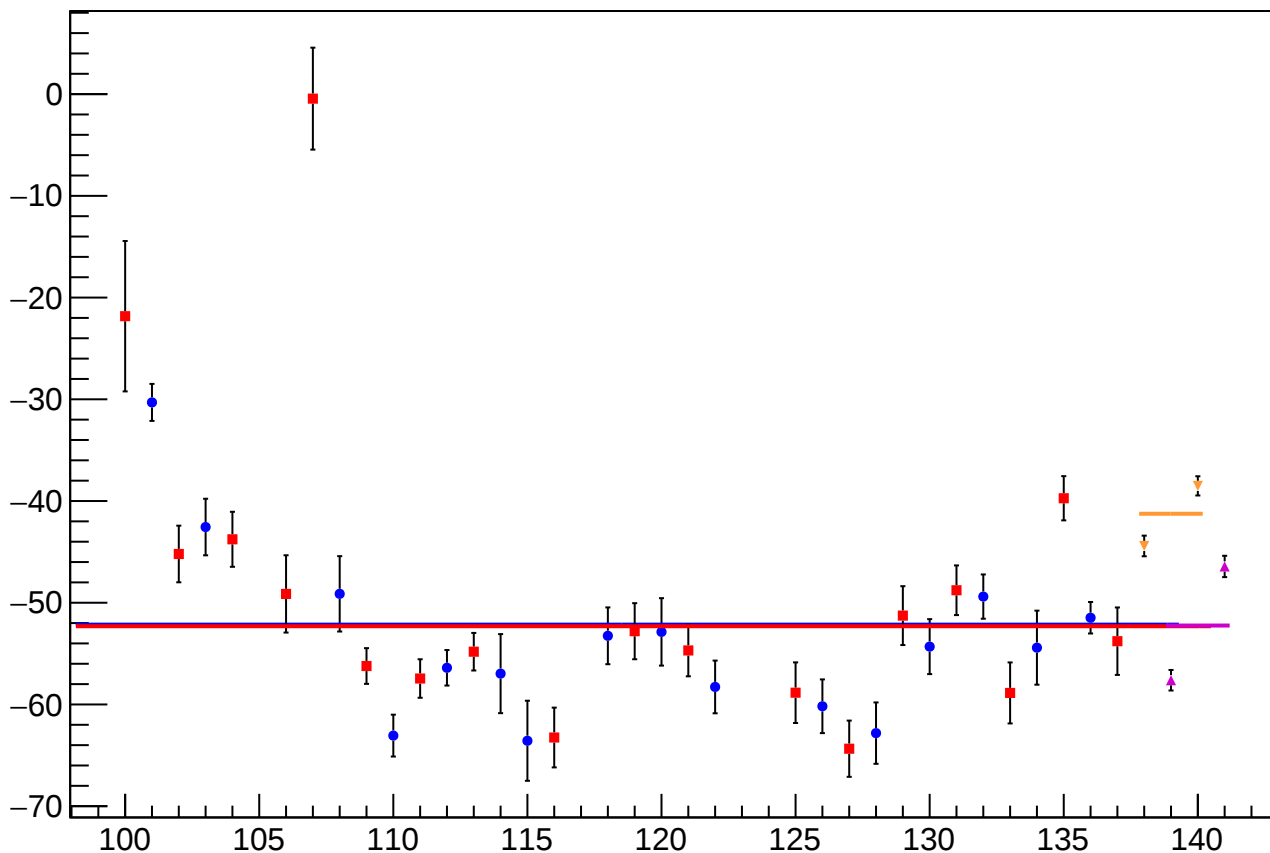
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.938 ± 0.301 $\chi^2/\text{NDF}: 45.5/17$

Out: 2.162 ± 0.302 $\chi^2/\text{NDF}: 93.4/19$

All: 1.546 ± 0.213 $\chi^2/\text{NDF}: 147.1/37$

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: -41.253 ± 0.691 χ^2/NDF : 18.2/1

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: -46.467 ± 0.501 χ^2/NDF : 197.0/3

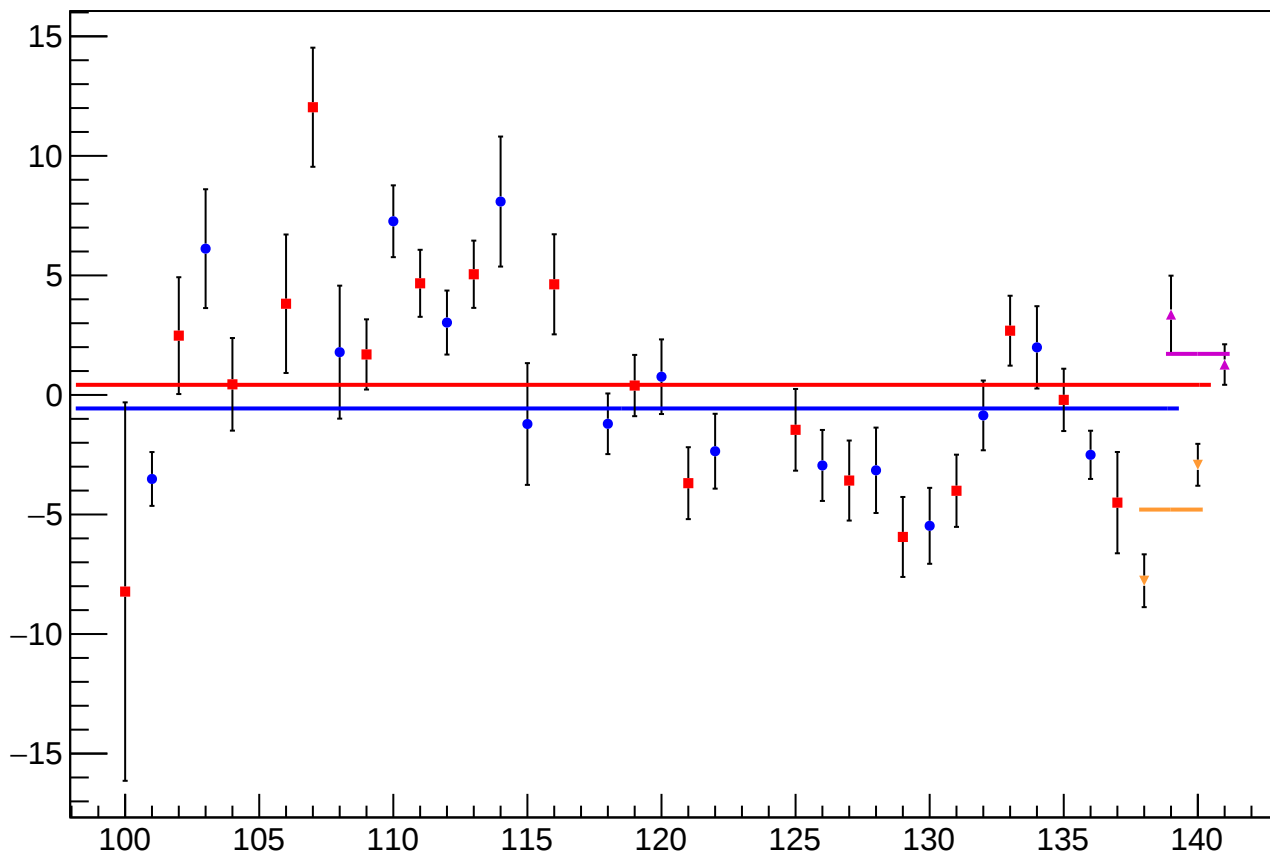
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.190 ± 0.469 χ^2/NDF : 290.1/17

Out: -47.418 ± 0.460 χ^2/NDF : 395.6/19

All: -49.758 ± 0.328 χ^2/NDF : 738.5/37

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: -4.795 ± 0.687 χ^2/NDF : 11.8/1

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: -1.832 ± 0.507 χ^2/NDF : 54.0/3

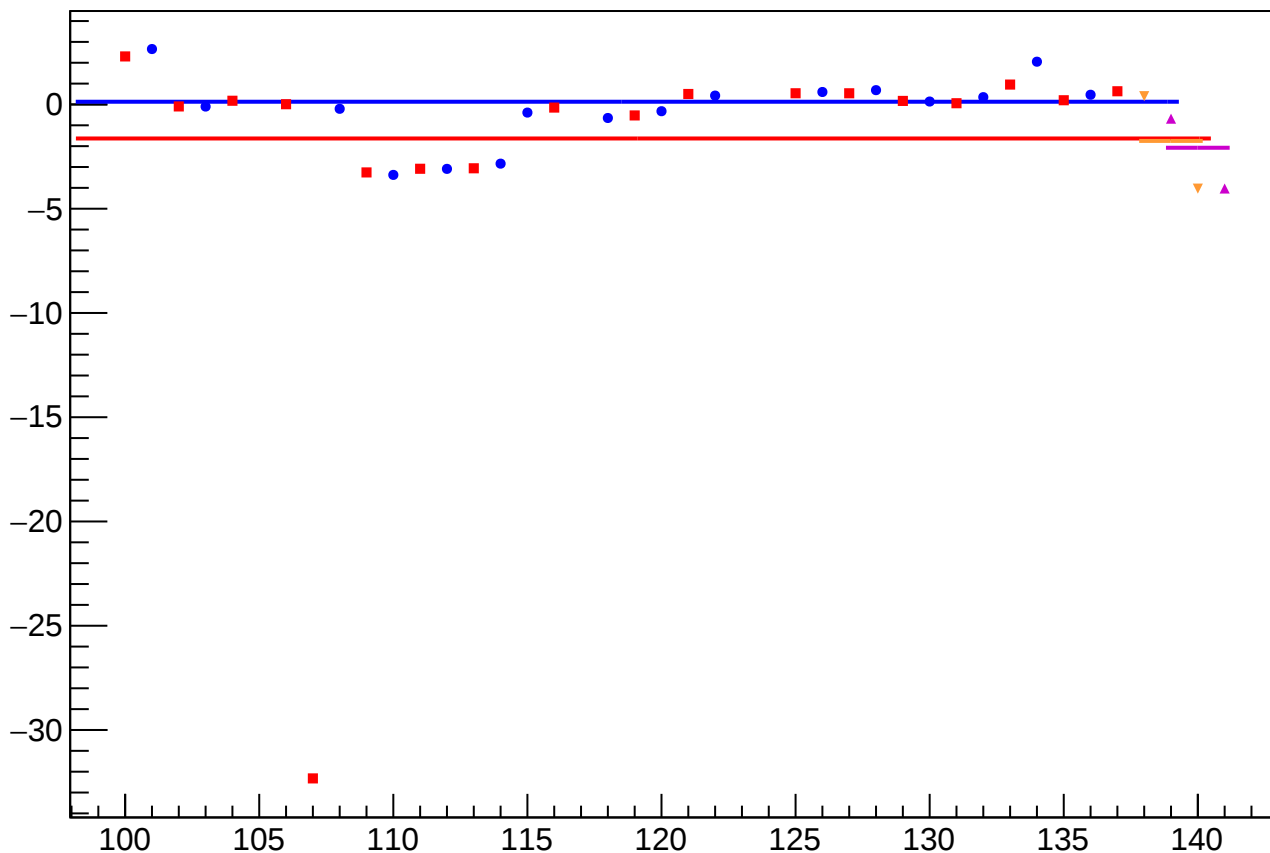
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: -0.092 ± 0.342 χ^2/NDF : 90.5/17

Out: -0.897 ± 0.345 χ^2/NDF : 150.3/19

All: -0.491 ± 0.243 χ^2/NDF : 243.4/37

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$

Left Out: -1.749 ± 0.029 $\chi^2/\text{NDF}: 6030.7/1$

Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$

Left In: -2.076 ± 0.027 $\chi^2/\text{NDF}: 3668.9/1$

Left: -1.920 ± 0.020 $\chi^2/\text{NDF}: 9768.7/3$

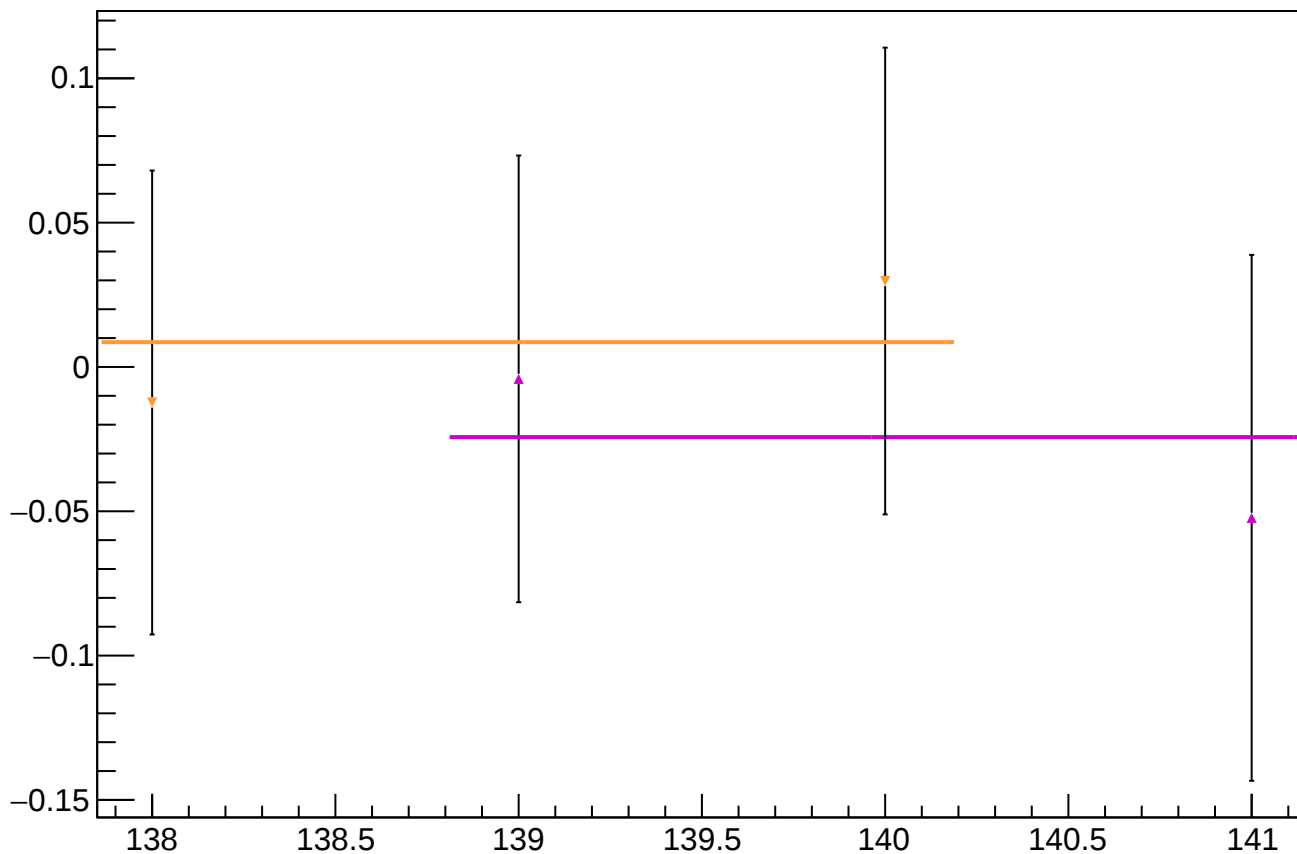
Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$

In: -0.717 ± 0.017 $\chi^2/\text{NDF}: 12939.8/17$

Out: -1.675 ± 0.017 $\chi^2/\text{NDF}: 83915.7/19$

All: -1.184 ± 0.012 $\chi^2/\text{NDF}: 98424.2/37$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.009 $\pm$ 0.057 χ^2 /NDF:0.1/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.024 $\pm$ 0.059 χ^2 /NDF:0.2/1

Left: -0.007 $\pm$ 0.041 χ^2 /NDF: 0.5/3

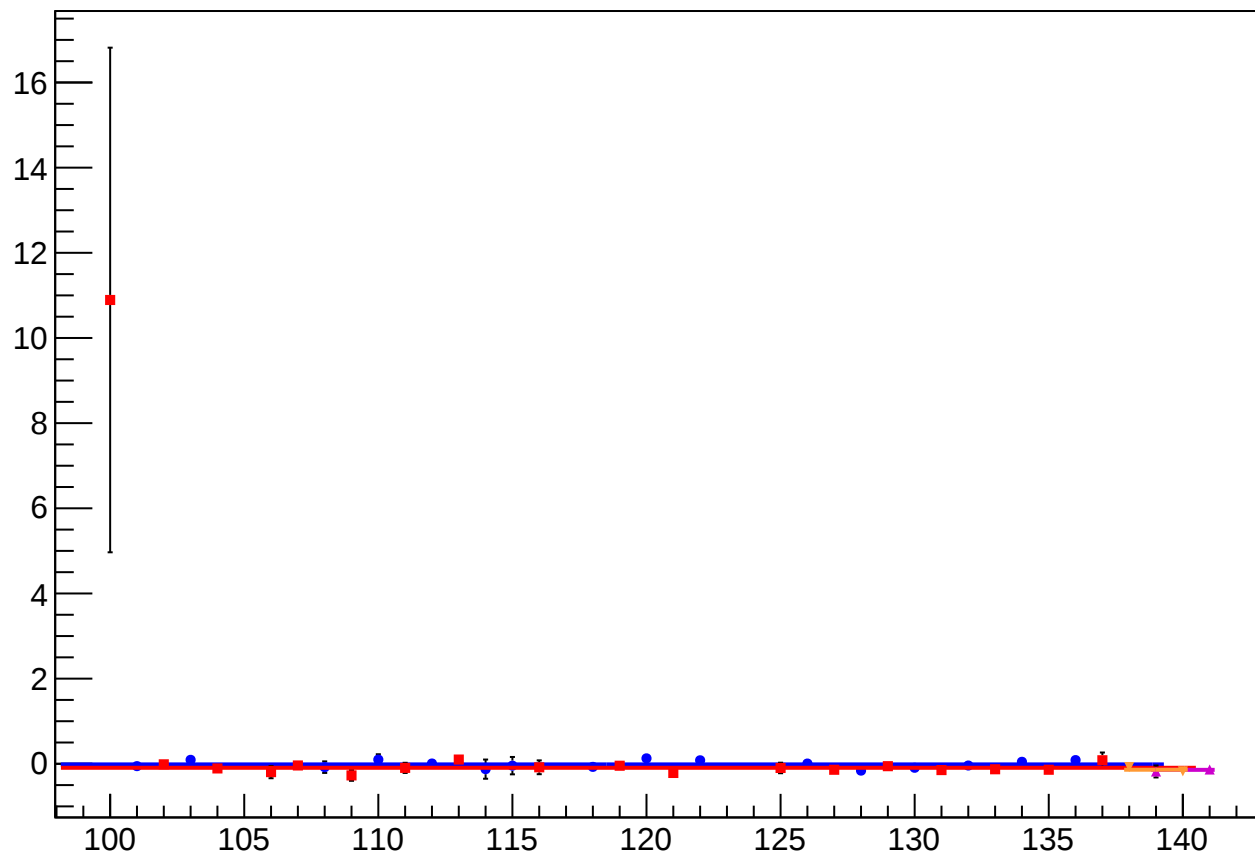
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.024 $\pm$ 0.059 χ^2 /NDF:0.2/1

Out: 0.009 $\pm$ 0.057 χ^2 /NDF:0.1/1

All: -0.007 $\pm$ 0.041 χ^2 /NDF: 0.5/3

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: -0.139 ± 0.053 χ^2/NDF : 0.9/1

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: -0.140 ± 0.039 χ^2/NDF : 1.0/3

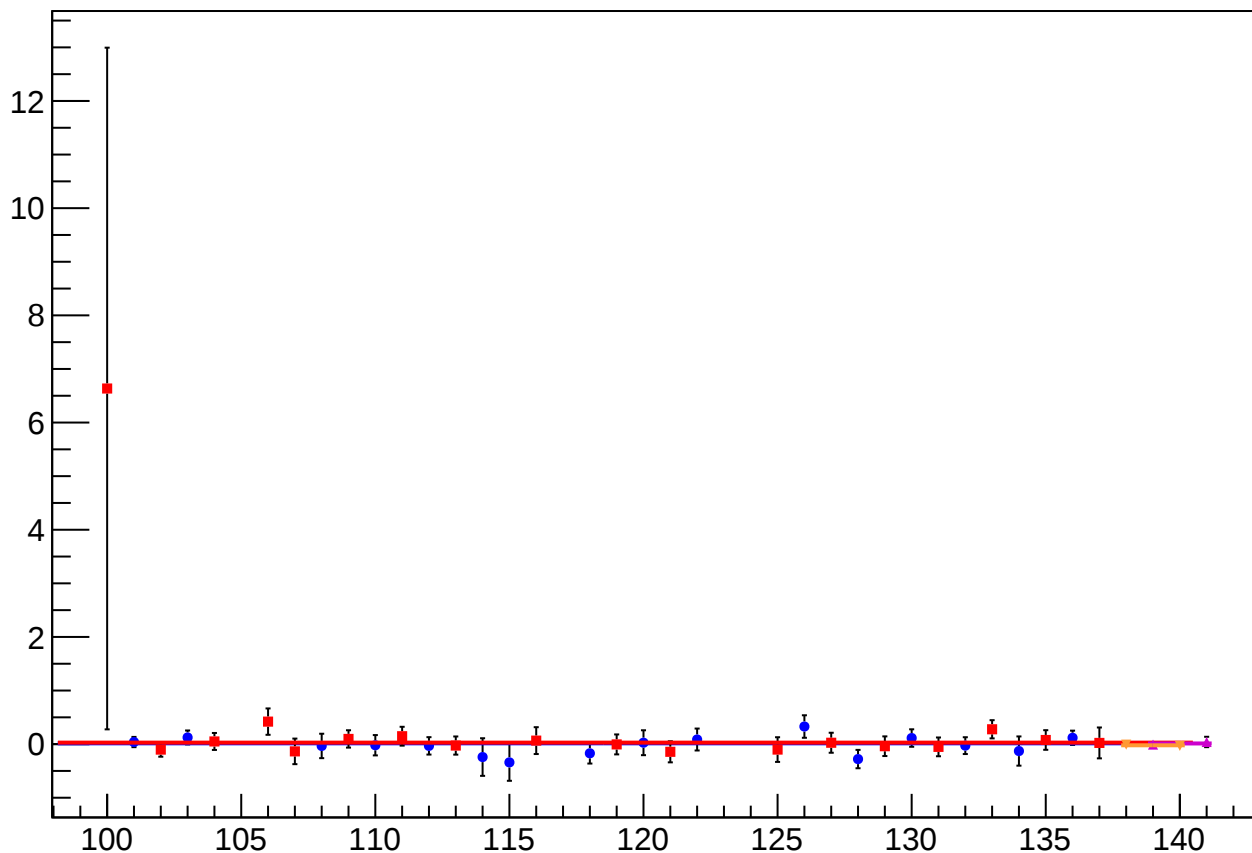
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.031 ± 0.022 χ^2/NDF : 16.6/17

Out: -0.102 ± 0.022 χ^2/NDF : 15.0/19

All: -0.065 ± 0.016 χ^2/NDF : 36.7/37

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: -0.022 $\pm$ 0.061 χ^2 /NDF:0.0/1

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: 0.013 $\pm$ 0.063 χ^2 /NDF:0.1/1

Left: -0.005 $\pm$ 0.044 χ^2 /NDF: 0.3/3

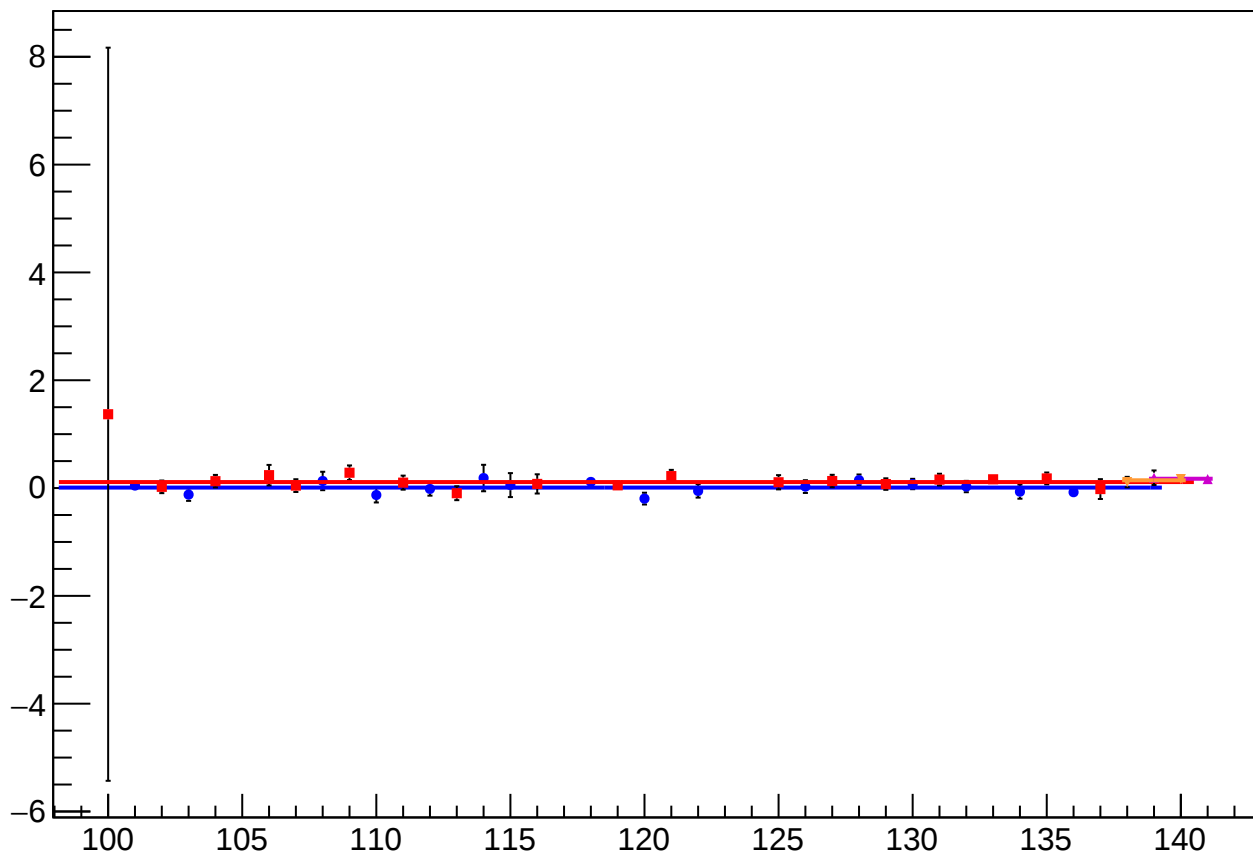
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.014 $\pm$ 0.035 χ^2 /NDF:10.2/17

Out: 0.011 $\pm$ 0.036 χ^2 /NDF:10.0/19

All: 0.013 $\pm$ 0.025 χ^2 /NDF: 20.2/37

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: 0.144+/-0.062 χ^2/NDF : 0.2/1

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: 0.157+/-0.046 χ^2/NDF : 0.3/3

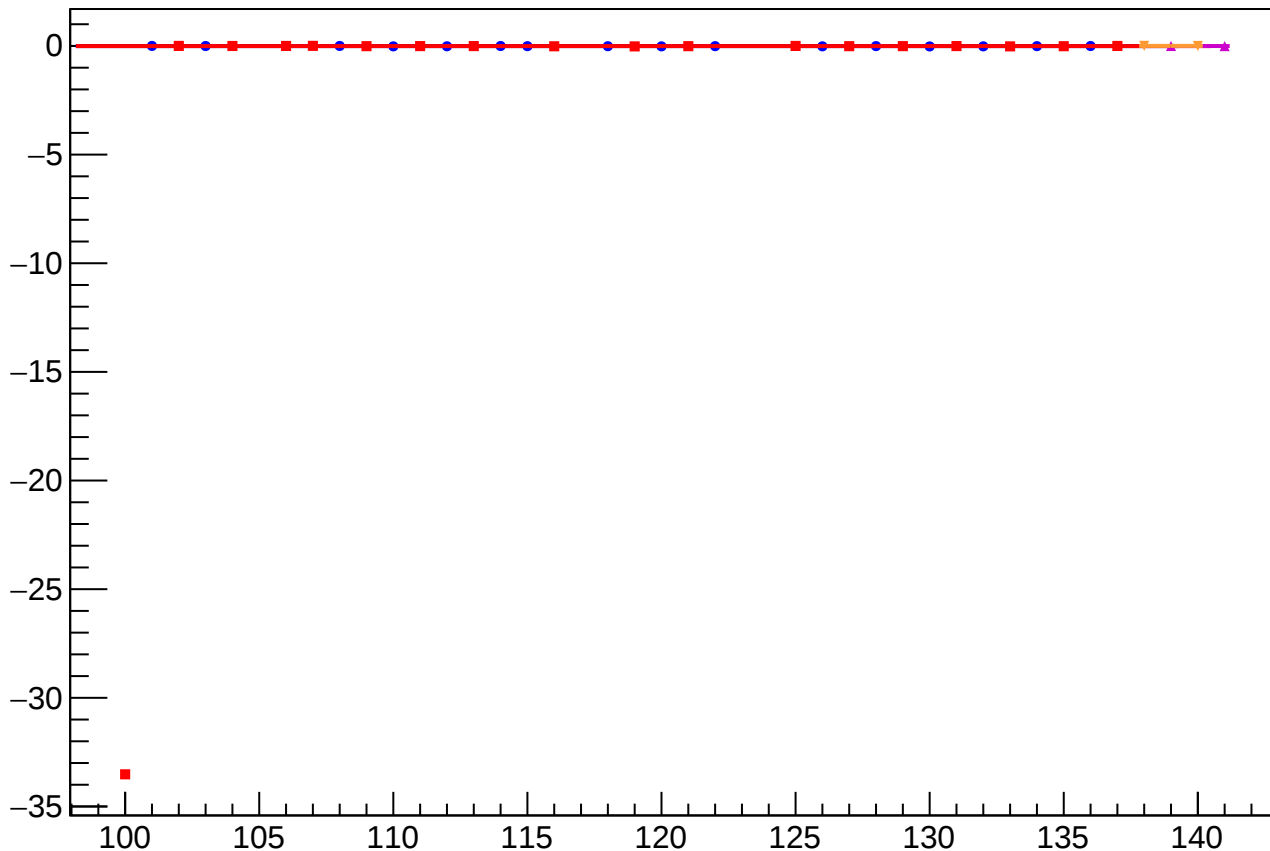
Right: 0.057+/-0.020 χ^2/NDF : 28.0/33

In: 0.031+/-0.025 χ^2/NDF : 17.7/17

Out: 0.117+/-0.026 χ^2/NDF : 9.1/19

All: 0.072+/-0.018 χ^2/NDF : 32.4/37

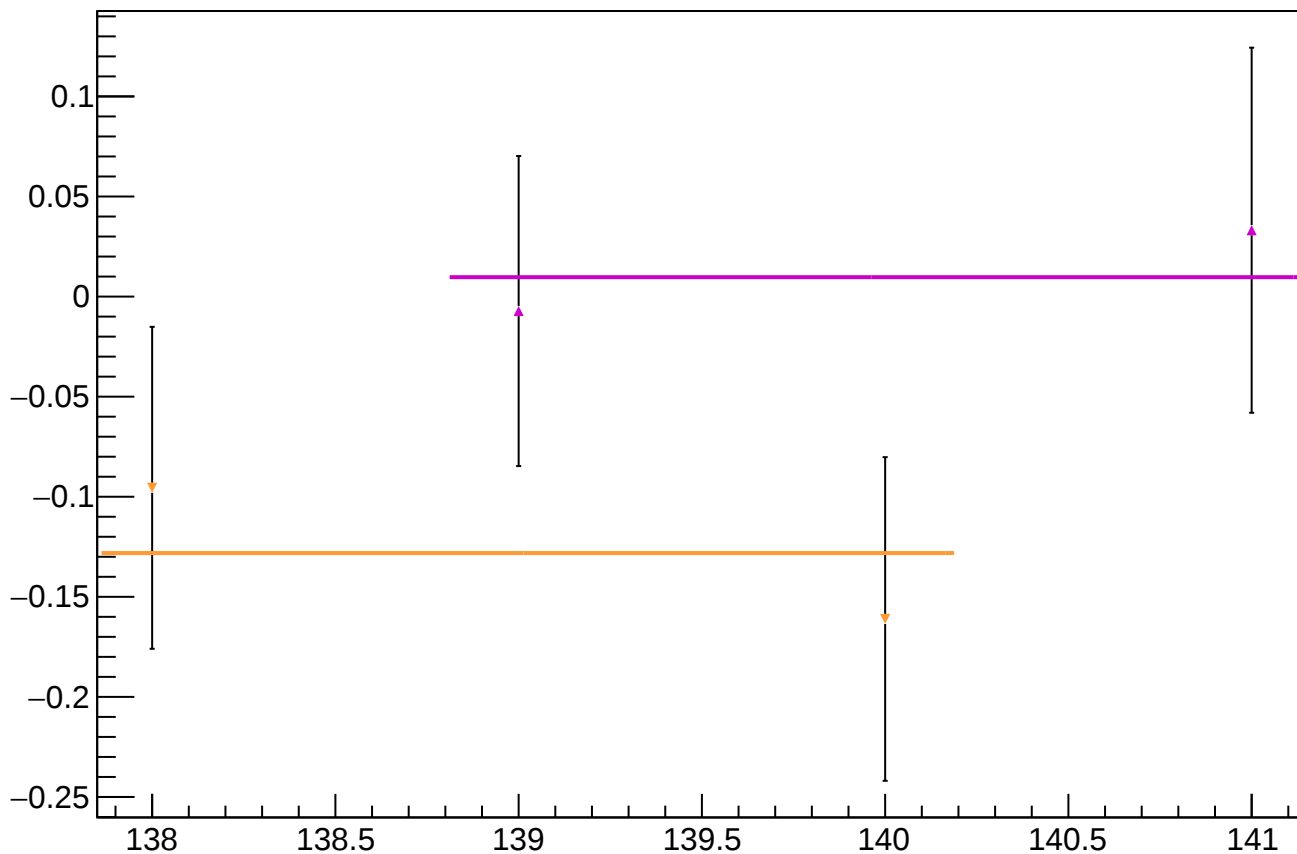
reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15
 Left Out: 0.003 $\pm$ 0.003 χ^2 /NDF:0.7/1
 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: -0.000 $\pm$ 0.002 χ^2 /NDF: 5.8/3
 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:26519.4/19
 All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26544.4/37

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.128 $\pm$ 0.057 χ^2 /NDF:0.3/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.010 $\pm$ 0.059 χ^2 /NDF:0.1/1

Left: -0.062 $\pm$ 0.041 χ^2 /NDF: 3.3/3

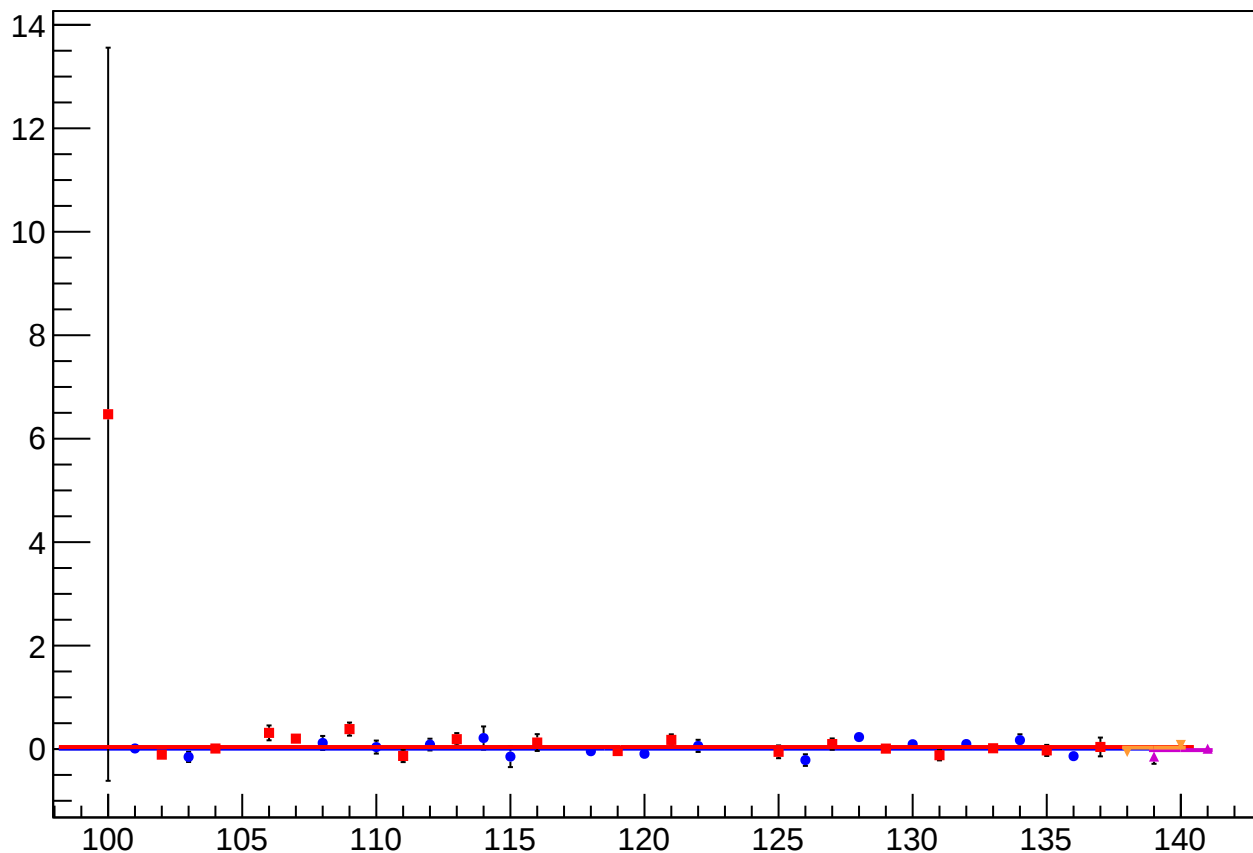
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.010 $\pm$ 0.059 χ^2 /NDF:0.1/1

Out: -0.128 $\pm$ 0.057 χ^2 /NDF:0.3/1

All: -0.062 $\pm$ 0.041 χ^2 /NDF: 3.3/3

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: 0.029 $\pm$ 0.053 χ^2 /NDF:1.5/1

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: 0.007 $\pm$ 0.039 χ^2 /NDF: 2.9/3

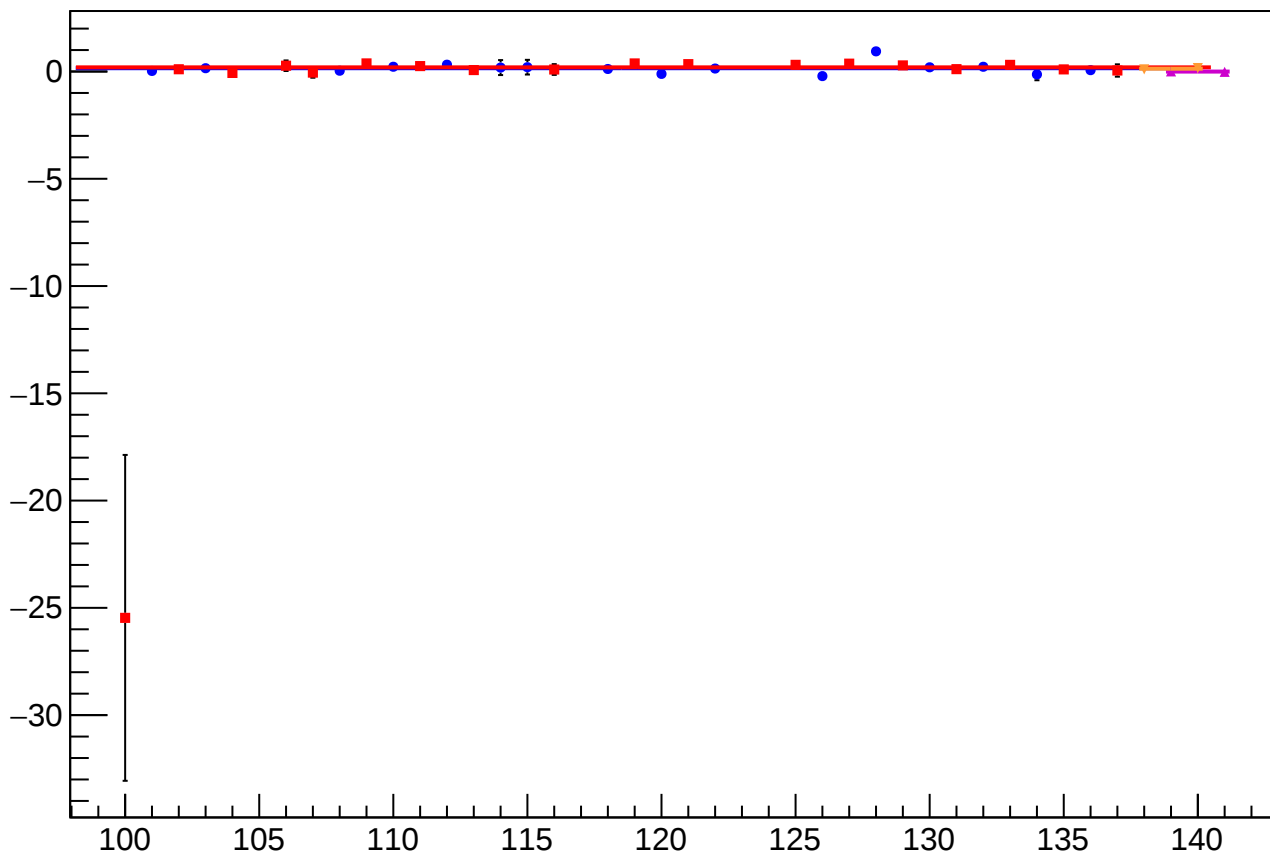
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.004 $\pm$ 0.022 χ^2 /NDF:24.8/17

Out: 0.037 $\pm$ 0.022 χ^2 /NDF:30.0/19

All: 0.020 $\pm$ 0.016 χ^2 /NDF: 55.9/37

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: 0.131+/-0.061 χ^2/NDF : 0.3/1

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: 0.066+/-0.044 χ^2/NDF : 2.6/3

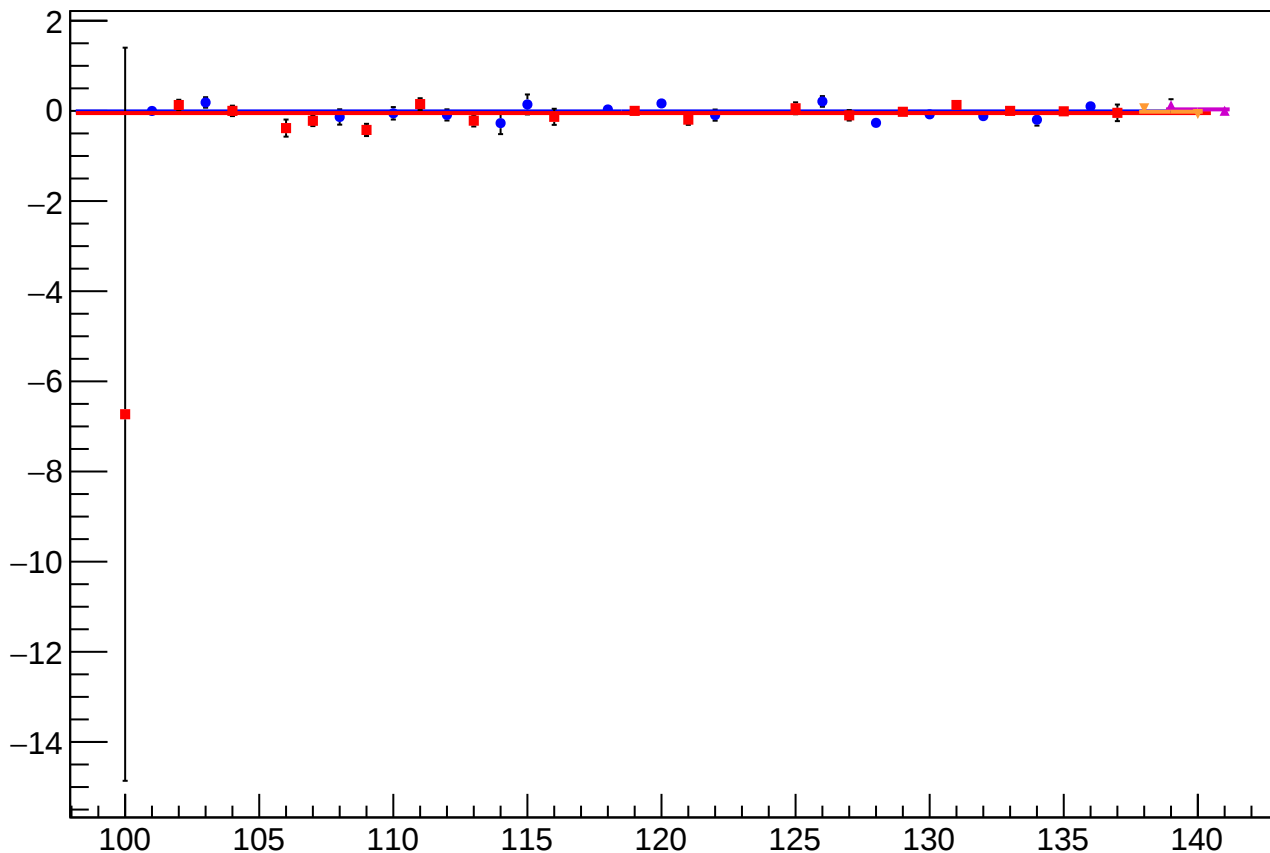
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.105+/-0.035 χ^2/NDF : 34.7/17

Out: 0.171+/-0.036 χ^2/NDF : 22.9/19

All: 0.137+/-0.025 χ^2/NDF : 59.4/37

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: -0.018 ± 0.062 $\chi^2/\text{NDF}: 1.0/1$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 26.2/17$

Left In: 0.034 ± 0.068 $\chi^2/\text{NDF}: 0.6/1$

Left: 0.005 ± 0.046 $\chi^2/\text{NDF}: 1.9/3$

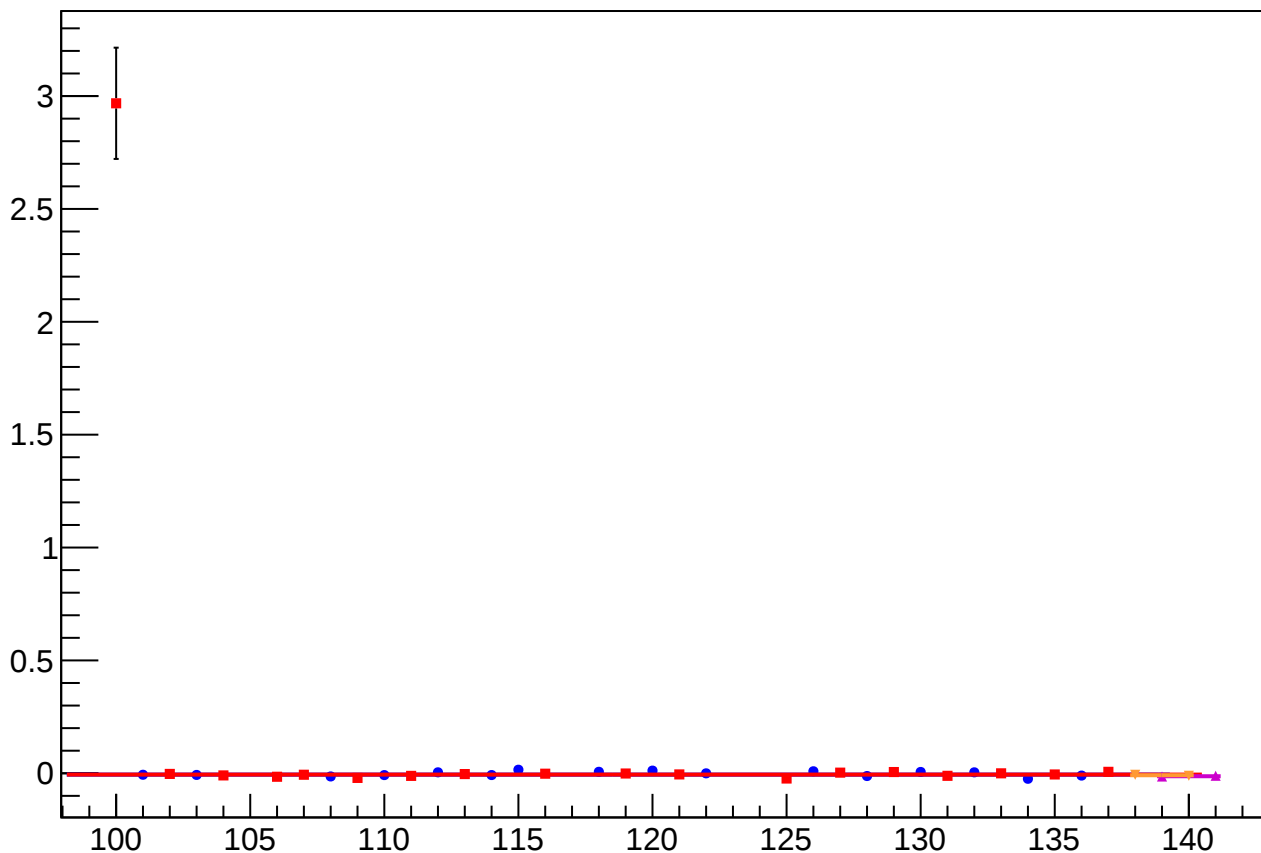
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 50.6/33$

In: -0.005 ± 0.025 $\chi^2/\text{NDF}: 24.4/17$

Out: -0.043 ± 0.026 $\chi^2/\text{NDF}: 27.4/19$

All: -0.023 ± 0.018 $\chi^2/\text{NDF}: 52.9/37$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.003 χ^2/NDF : 0.8/1

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: -0.011 ± 0.002 χ^2/NDF : 2.9/3

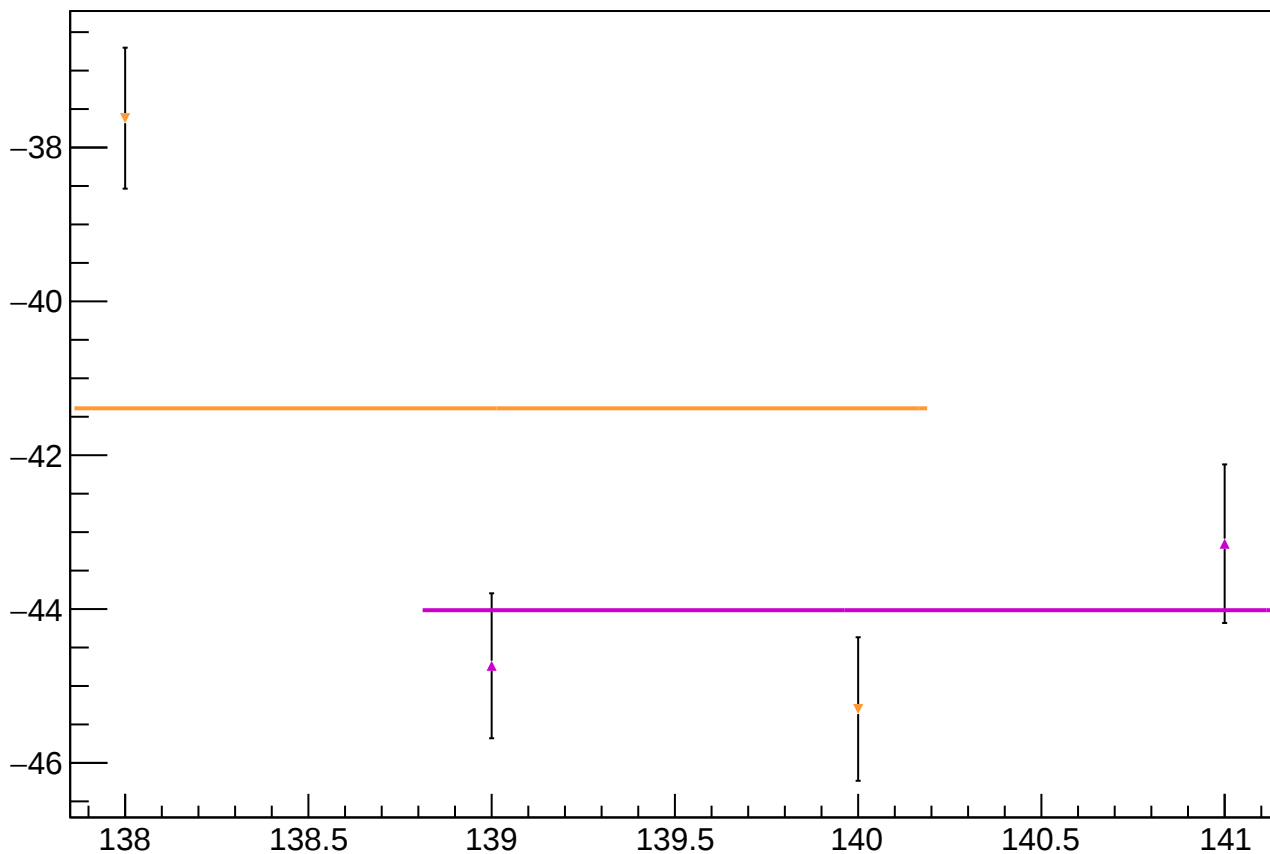
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.008 ± 0.001 χ^2/NDF : 35.9/17

Out: -0.007 ± 0.001 χ^2/NDF : 166.9/19

All: -0.007 ± 0.001 χ^2/NDF : 203.4/37

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: -41.390+/-0.654 χ^2/NDF :34.5/1

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: -42.622+/-0.476 χ^2/NDF : 43.4/3

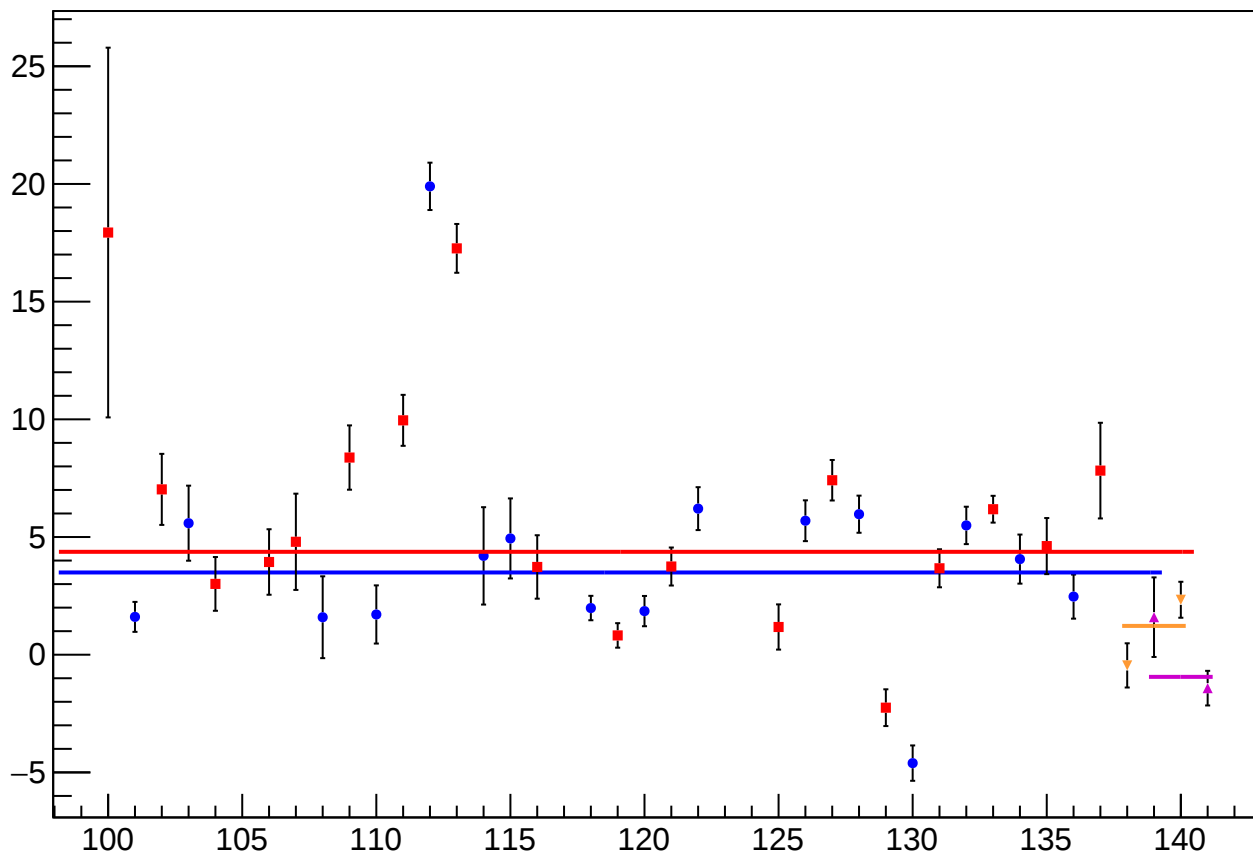
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.015+/-0.695 χ^2/NDF :1.3/1

Out: -41.390+/-0.654 χ^2/NDF :34.5/1

All: -42.622+/-0.476 χ^2/NDF : 43.4/3

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.224 $\pm$ 0.593 χ^2 /NDF: 5.3/1

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: -0.941 $\pm$ 0.674 χ^2 /NDF: 2.7/1

Left: 0.281 $\pm$ 0.445 χ^2 /NDF: 13.8/3

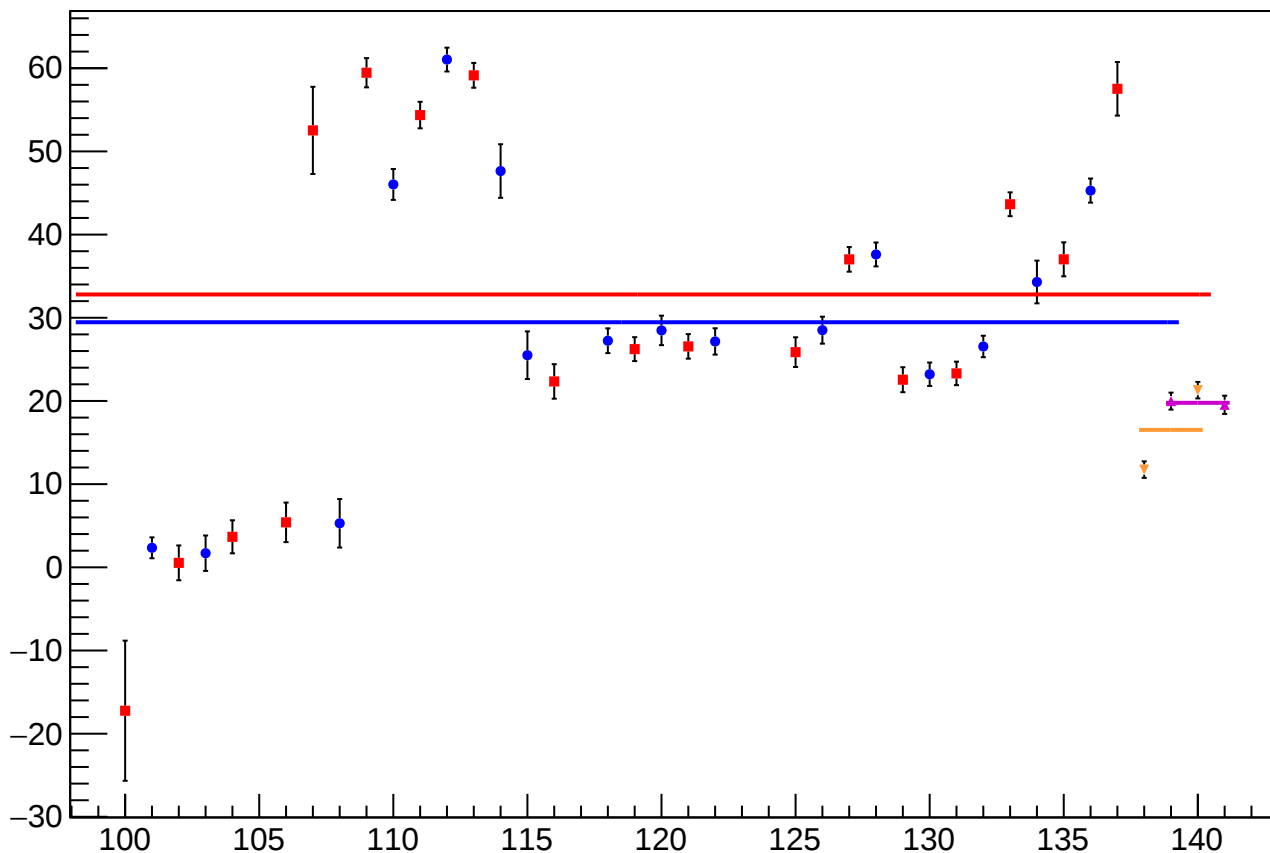
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 3.076 $\pm$ 0.207 χ^2 /NDF: 486.7/17

Out: 3.974 $\pm$ 0.211 χ^2 /NDF: 383.9/19

All: 3.518 $\pm$ 0.148 χ^2 /NDF: 879.9/37

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: 16.523+/-0.703 χ^2/NDF : 46.2/1

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: 18.049+/-0.512 χ^2/NDF : 56.3/3

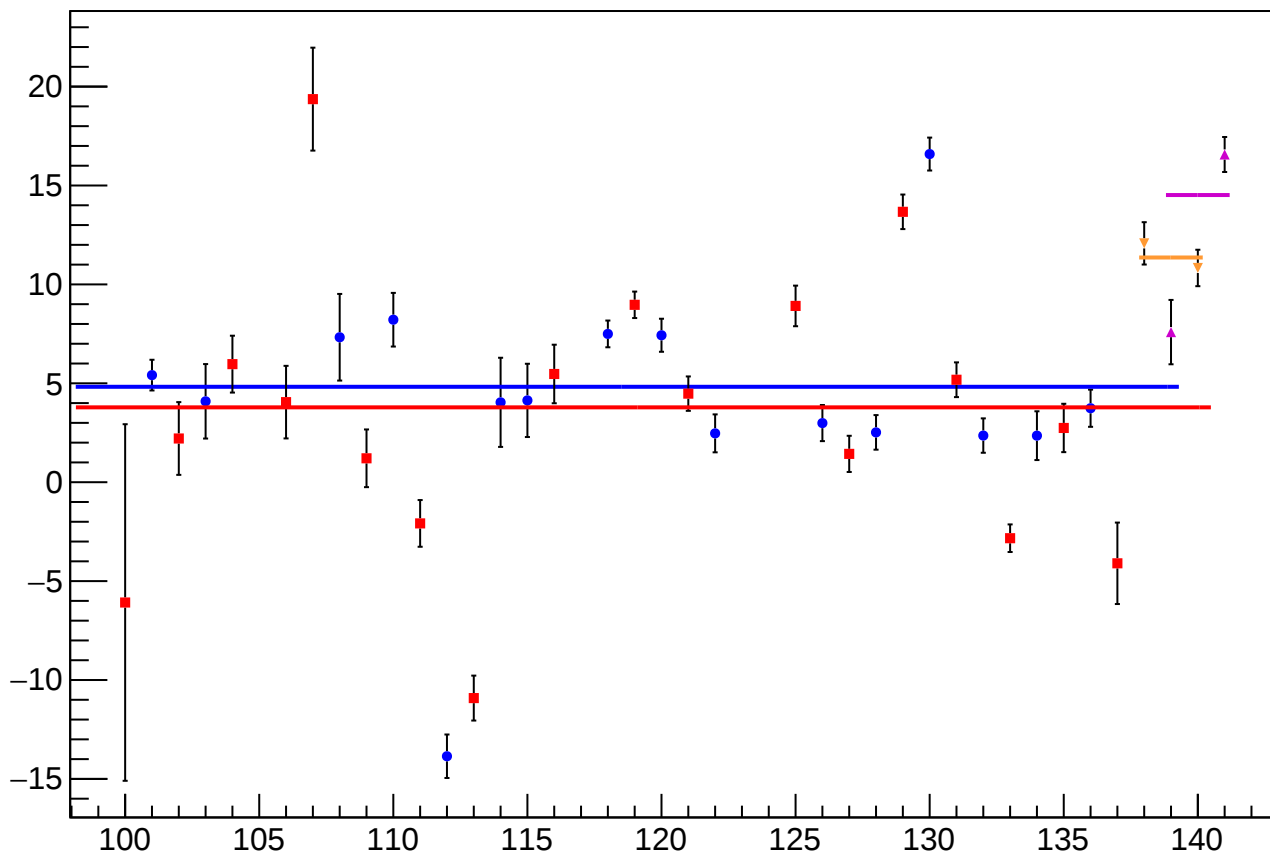
Right: 31.111+/-0.297 χ^2/NDF : 3183.0/33

In: 27.156+/-0.364 χ^2/NDF : 1619.9/17

Out: 28.472+/-0.362 χ^2/NDF : 2100.1/19

All: 27.818+/-0.257 χ^2/NDF : 3726.6/37

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: 11.360 $\pm$ 0.698 χ^2 /NDF:0.8/1

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: 12.771 $\pm$ 0.519 χ^2 /NDF: 33.4/3

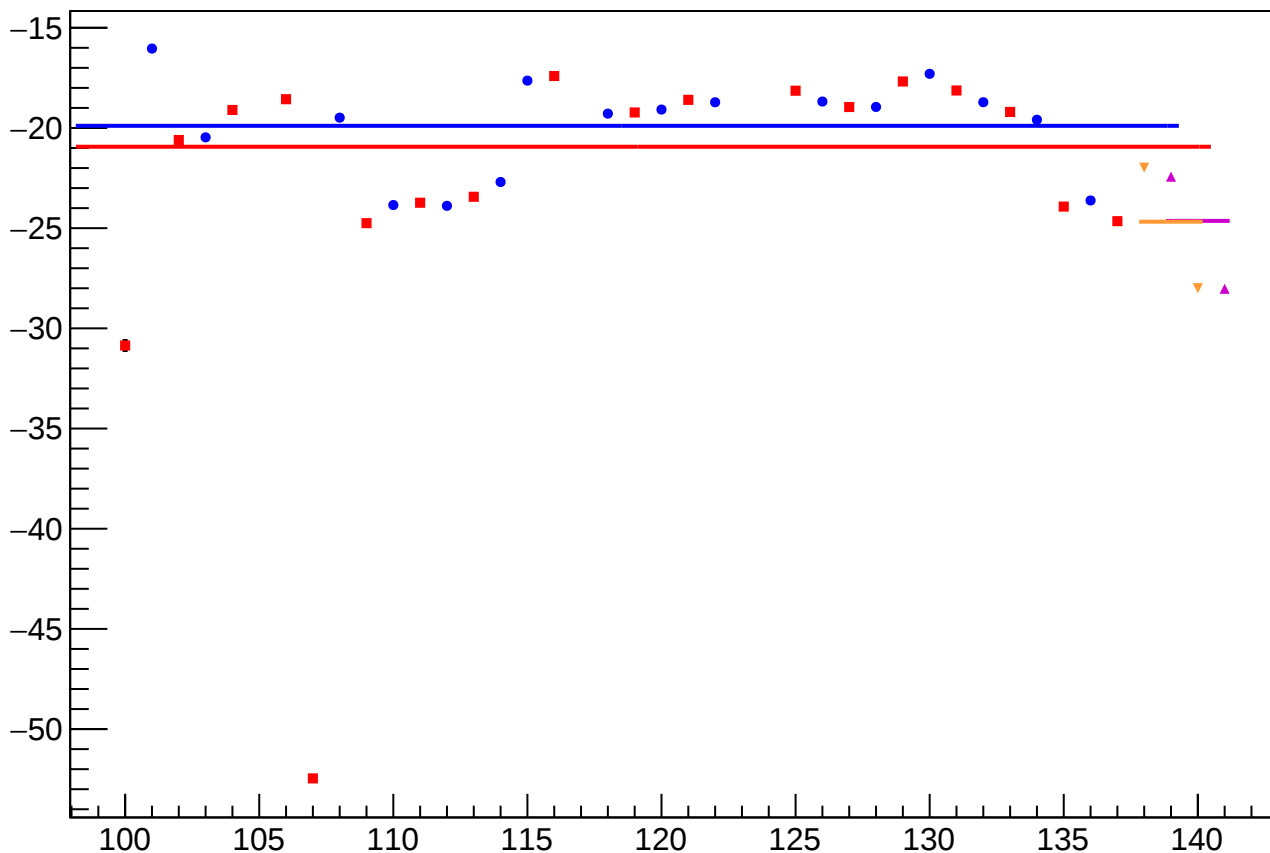
Right: 4.319 $\pm$ 0.180 χ^2 /NDF: 1126.1/33

In: 5.744 $\pm$ 0.239 χ^2 /NDF:717.3/17

Out: 4.700 $\pm$ 0.243 χ^2 /NDF:669.1/19

All: 5.229 $\pm$ 0.170 χ^2 /NDF: 1395.8/37

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -24.677 $\pm$ 0.029 χ^2 /NDF:10615.1/1

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -24.637 $\pm$ 0.028 χ^2 /NDF:9648.3/1

Left: -24.656 $\pm$ 0.020 χ^2 /NDF: 20264.4/3

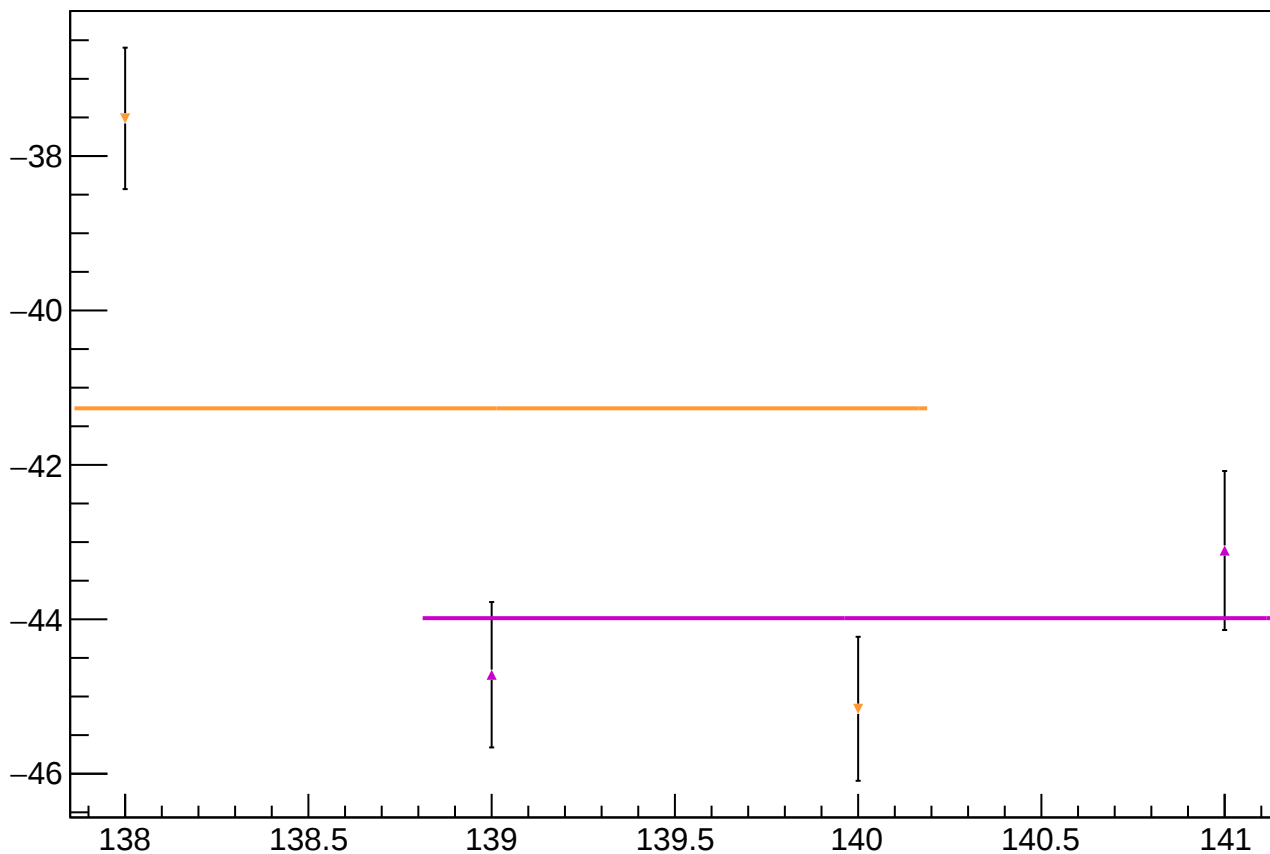
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -21.025 $\pm$ 0.014 χ^2 /NDF:57858.9/17

Out: -21.784 $\pm$ 0.014 χ^2 /NDF:117577.8/19

All: -21.398 $\pm$ 0.010 χ^2 /NDF: 176968.0/37

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: -41.267 ± 0.653 χ^2/NDF : 34.2/1

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: -42.543 ± 0.476 χ^2/NDF : 43.7/3

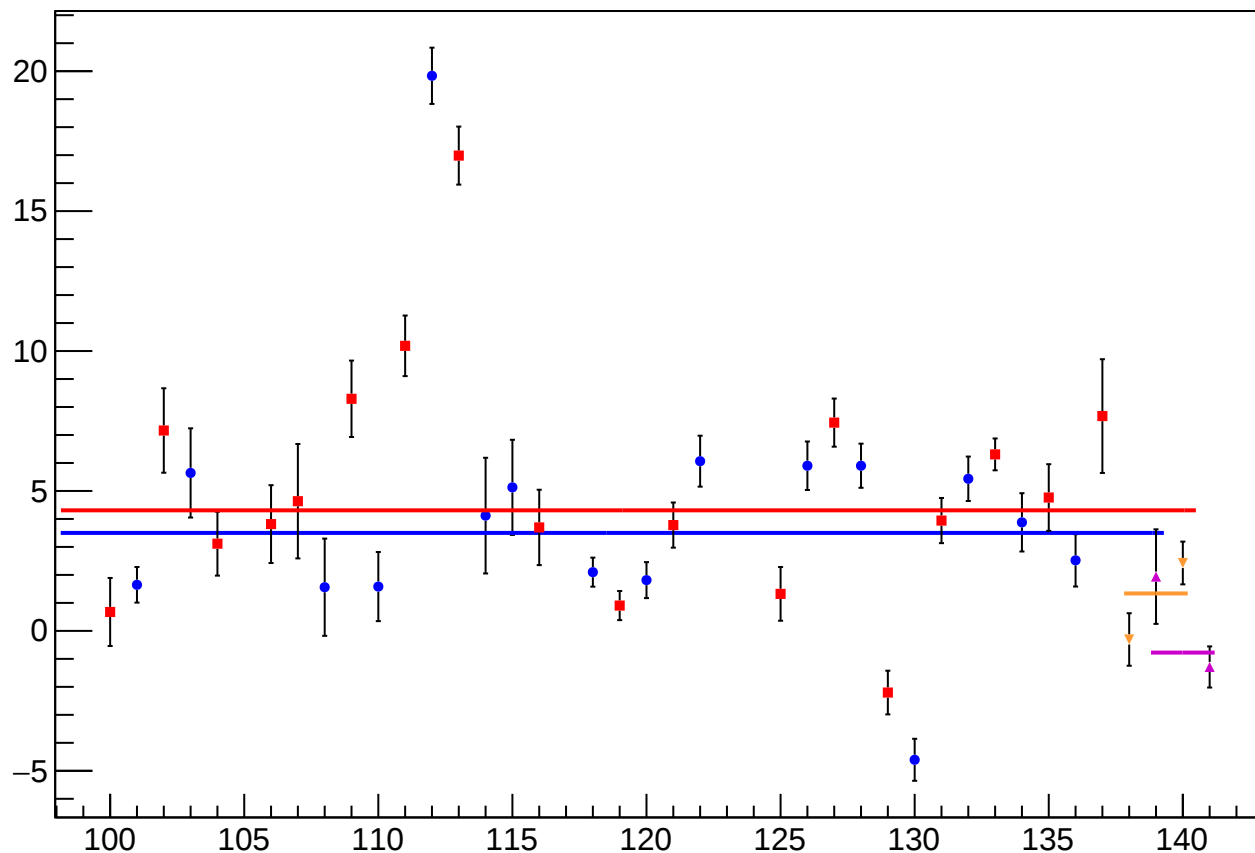
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -43.985 ± 0.695 χ^2/NDF : 1.3/1

Out: -41.267 ± 0.653 χ^2/NDF : 34.2/1

All: -42.543 ± 0.476 χ^2/NDF : 43.7/3

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.337 ± 0.592 χ^2/NDF : 5.1/1

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: -0.776 ± 0.674 χ^2/NDF : 3.1/1

Left: 0.416 ± 0.445 χ^2/NDF : 13.7/3

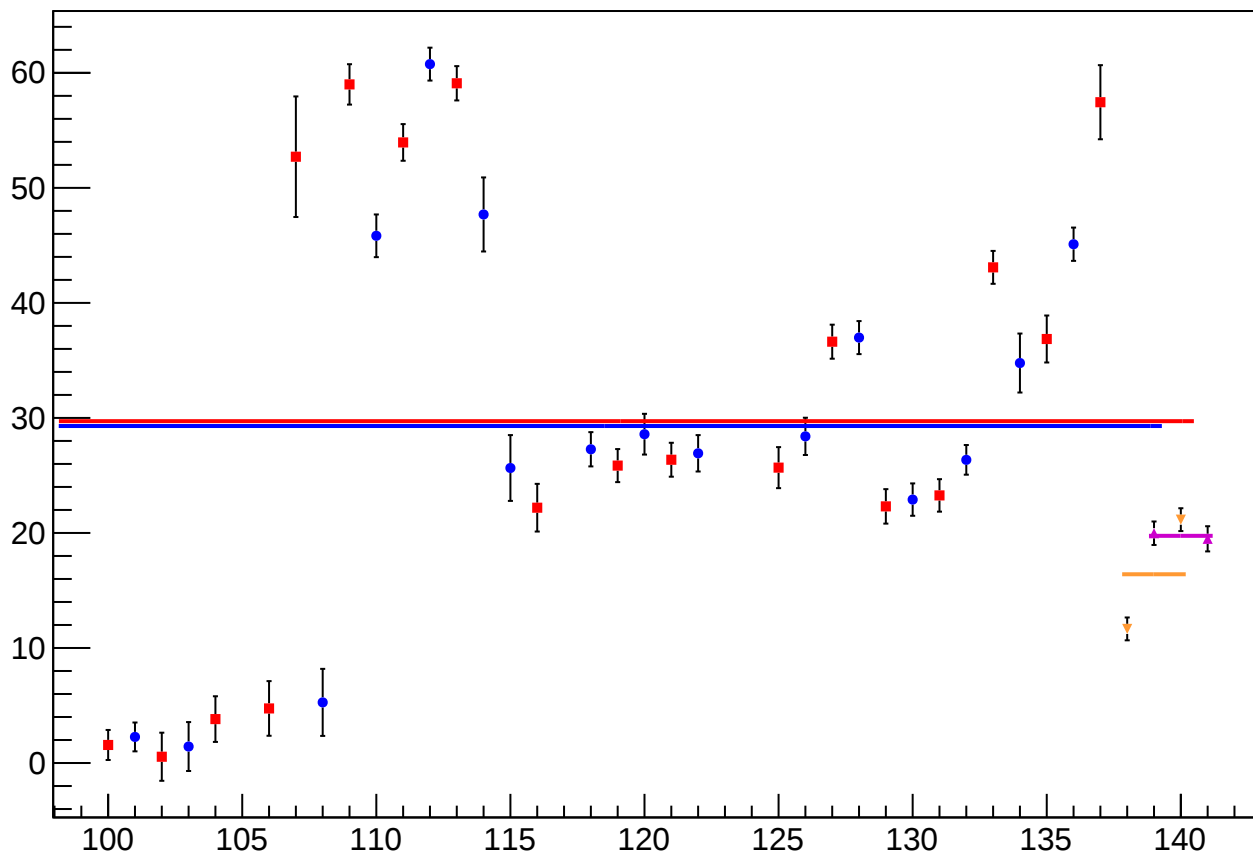
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 3.098 ± 0.207 χ^2/NDF : 481.5/17

Out: 3.944 ± 0.207 χ^2/NDF : 380.0/19

All: 3.520 ± 0.147 χ^2/NDF : 869.7/37

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297+/-0.417 χ^2 /NDF: 1485.2/15

Left Out: 16.409+/-0.702 χ^2 /NDF:45.7/1

Right Out: 29.719+/-0.403 χ^2 /NDF: 2128.9/17

Left In: 19.750+/-0.746 χ^2 /NDF:0.1/1

Left: 17.978+/-0.511 χ^2 /NDF: 56.5/3

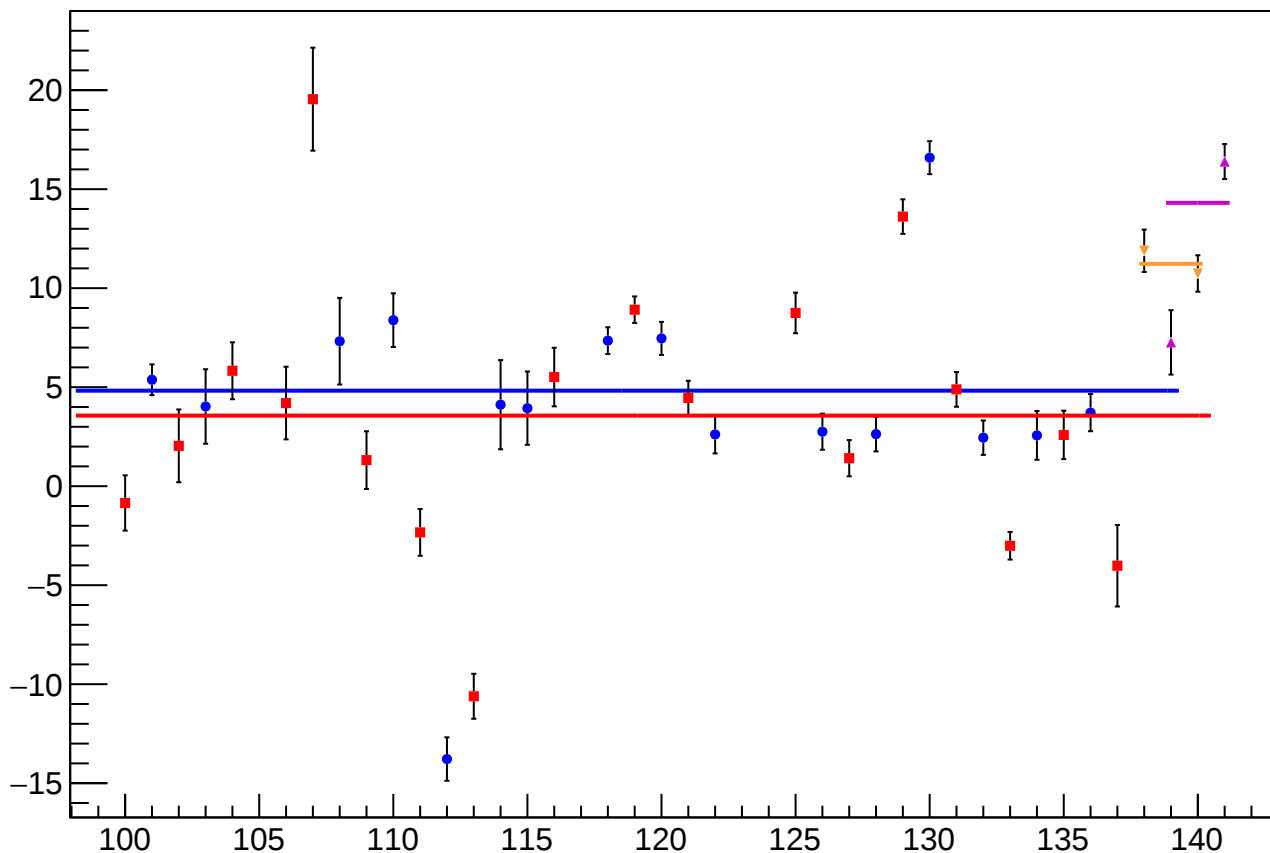
Right: 29.515+/-0.290 χ^2 /NDF: 3614.7/33

In: 27.024+/-0.364 χ^2 /NDF:1610.0/17

Out: 26.426+/-0.349 χ^2 /NDF:2445.1/19

All: 26.712+/-0.252 χ^2 /NDF: 4056.5/37

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: 11.230 $\pm$ 0.698 χ^2 /NDF:0.7/1

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: 12.606 $\pm$ 0.519 χ^2 /NDF: 33.7/3

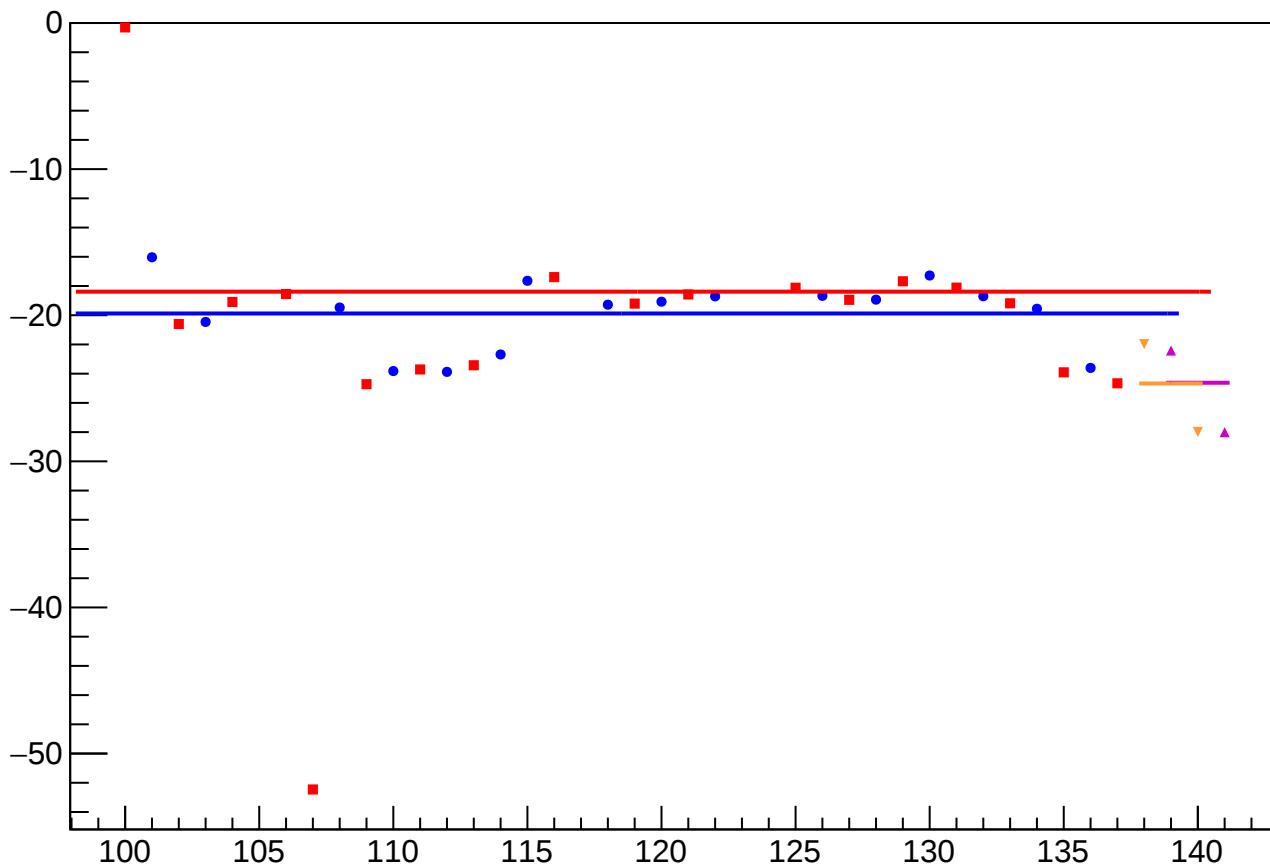
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 5.725 $\pm$ 0.239 χ^2 /NDF:708.7/17

Out: 4.464 $\pm$ 0.239 χ^2 /NDF:677.4/19

All: 5.094 $\pm$ 0.169 χ^2 /NDF: 1400.0/37

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -24.673 ± 0.029 $\chi^2/\text{NDF}: 10600.7/1$

Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$

Left In: -24.621 ± 0.028 $\chi^2/\text{NDF}: 9649.0/1$

Left: -24.646 ± 0.020 $\chi^2/\text{NDF}: 20251.3/3$

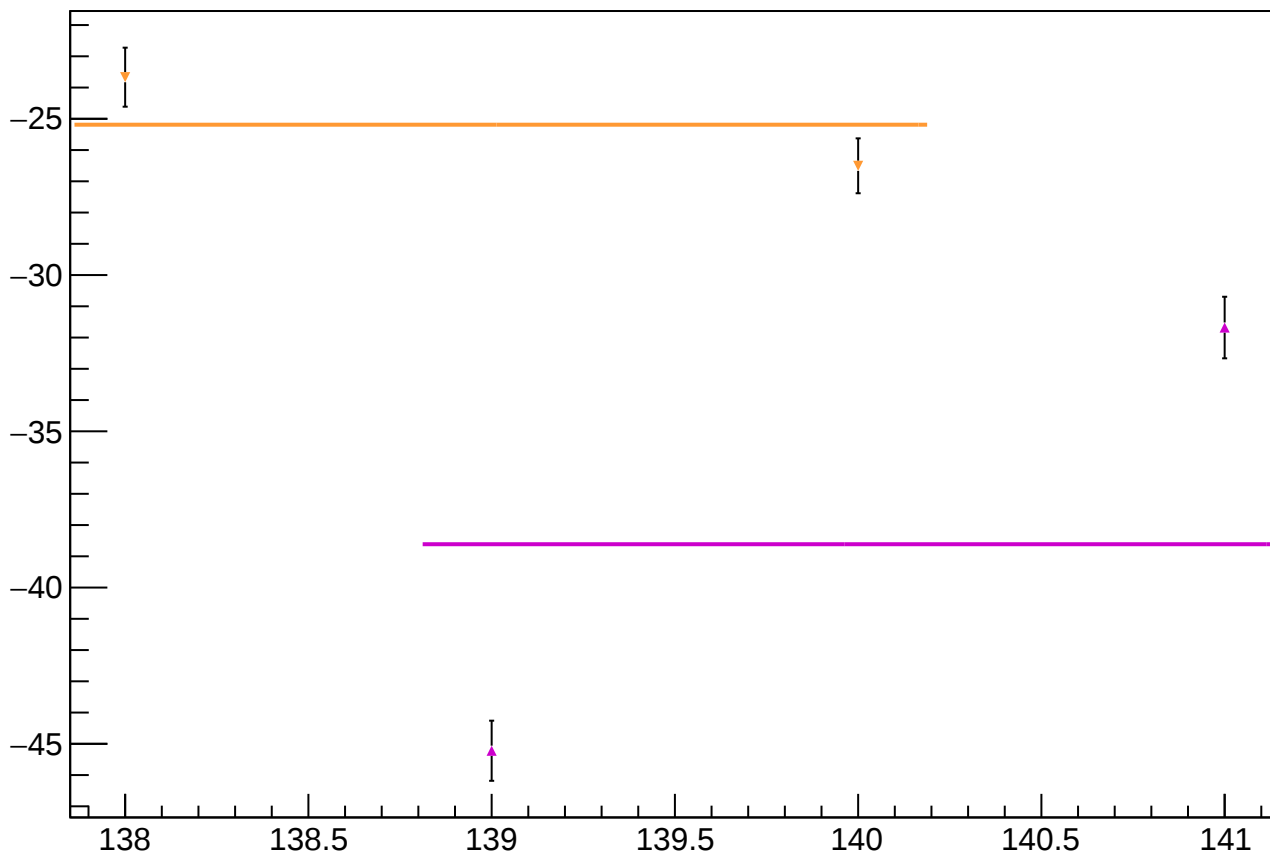
Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$

In: -21.012 ± 0.014 $\chi^2/\text{NDF}: 57847.0/17$

Out: -19.676 ± 0.013 $\chi^2/\text{NDF}: 349135.9/19$

All: -20.322 ± 0.009 $\chi^2/\text{NDF}: 411977.5/37$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -25.189 $\pm$ 0.643 χ^2 /NDF:4.8/1

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -38.613 $\pm$ 0.688 χ^2 /NDF:96.7/1

Left: -31.447 $\pm$ 0.470 χ^2 /NDF: 304.7/3

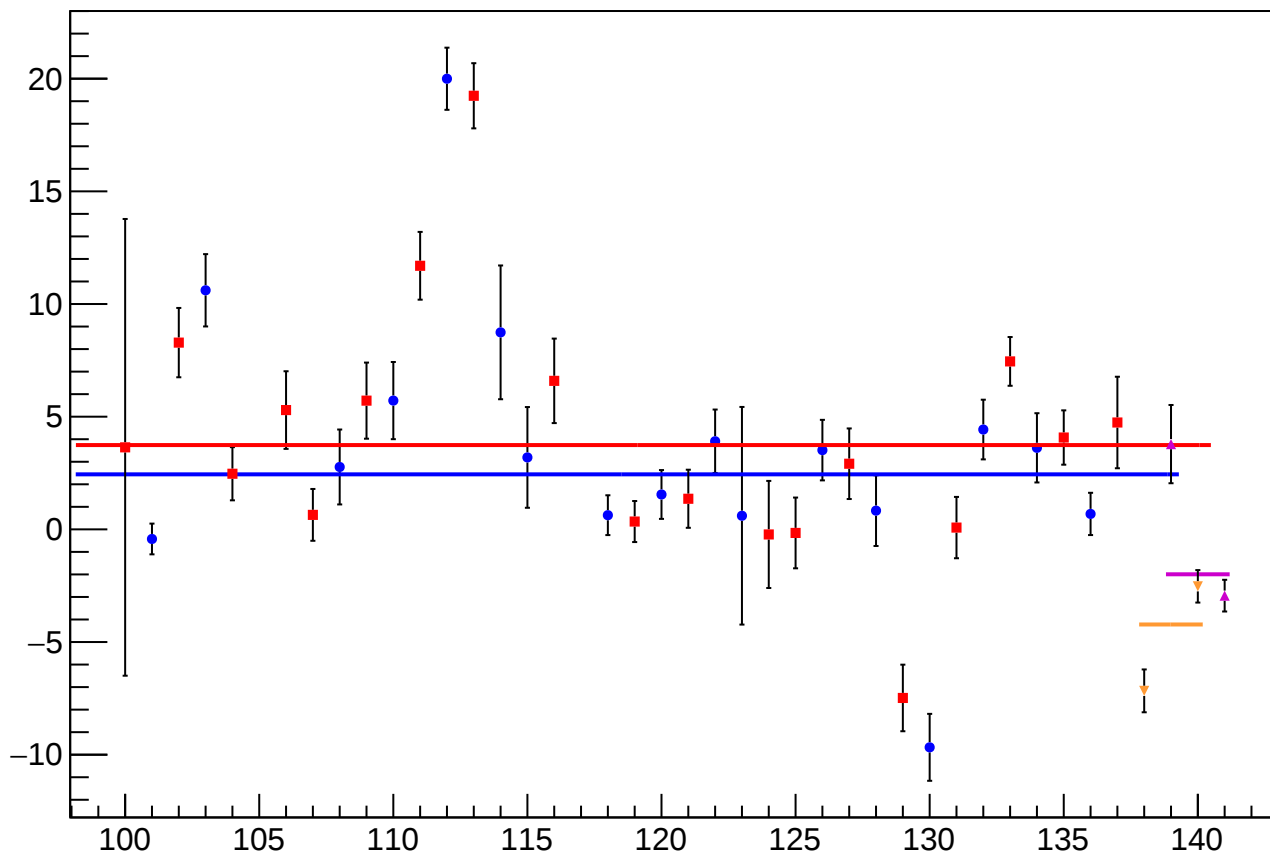
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -38.613 $\pm$ 0.688 χ^2 /NDF:96.7/1

Out: -25.189 $\pm$ 0.643 χ^2 /NDF:4.8/1

All: -31.447 $\pm$ 0.470 χ^2 /NDF: 304.7/3

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -4.221 ± 0.574 $\chi^2/\text{NDF}: 15.1/1$

Right Out: 3.740 ± 0.326 $\chi^2/\text{NDF}: 268.1/18$

Left In: -1.994 ± 0.652 $\chi^2/\text{NDF}: 12.9/1$

Left: -3.248 ± 0.431 $\chi^2/\text{NDF}: 34.6/3$

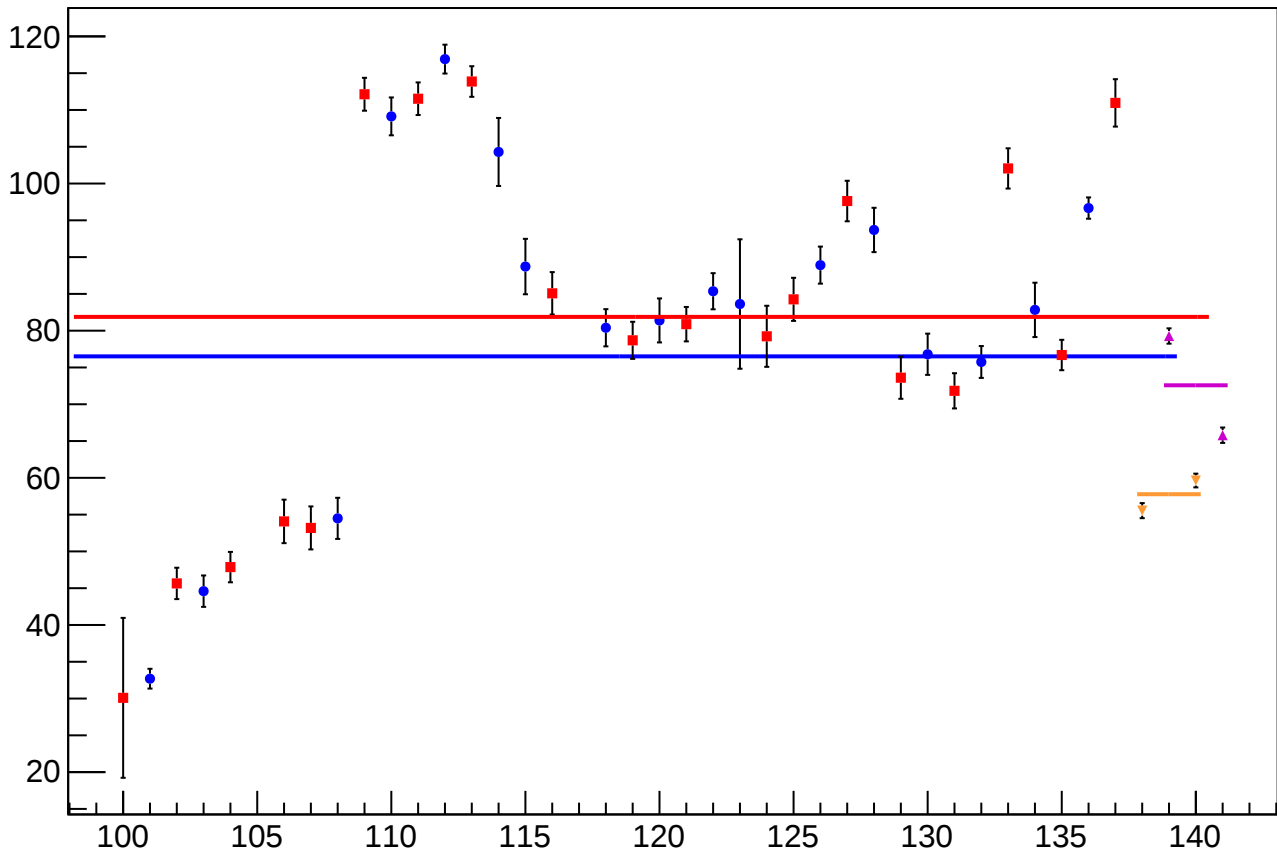
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/35$

In: 1.617 ± 0.281 $\chi^2/\text{NDF}: 345.3/18$

Out: 1.795 ± 0.284 $\chi^2/\text{NDF}: 428.6/20$

All: 1.705 ± 0.200 $\chi^2/\text{NDF}: 774.0/39$

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: 57.773 $\pm$ 0.691 χ^2/NDF : 8.7/1

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: 64.679 $\pm$ 0.504 χ^2/NDF : 306.5/3

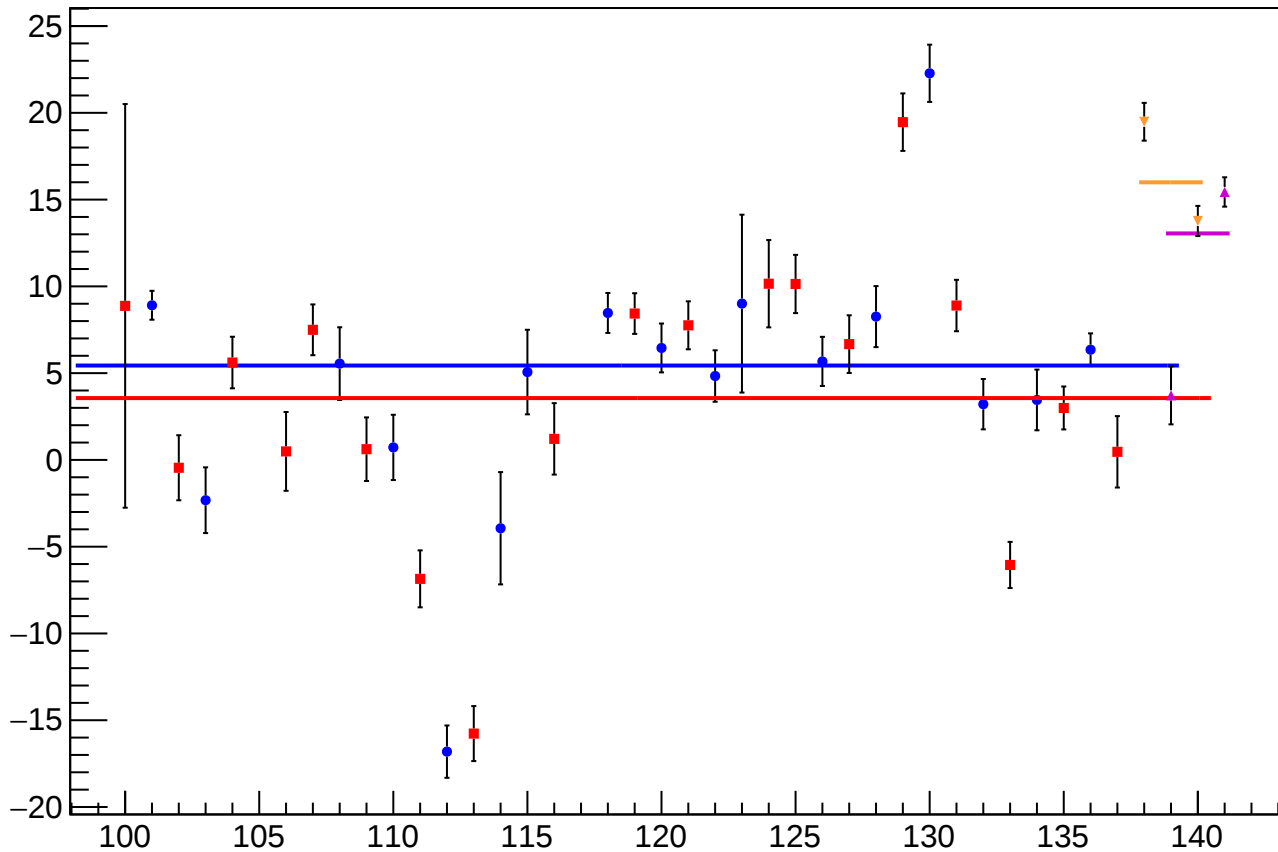
Right: 79.111 $\pm$ 0.412 χ^2/NDF : 3864.0/35

In: 75.027 $\pm$ 0.453 χ^2/NDF : 2351.9/18

Out: 71.670 $\pm$ 0.449 χ^2/NDF : 2281.9/20

All: 73.334 $\pm$ 0.319 χ^2/NDF : 4661.5/39

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: 15.995 $\pm$ 0.679 χ^2 /NDF:16.9/1

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: 14.678 $\pm$ 0.505 χ^2 /NDF: 64.4/3

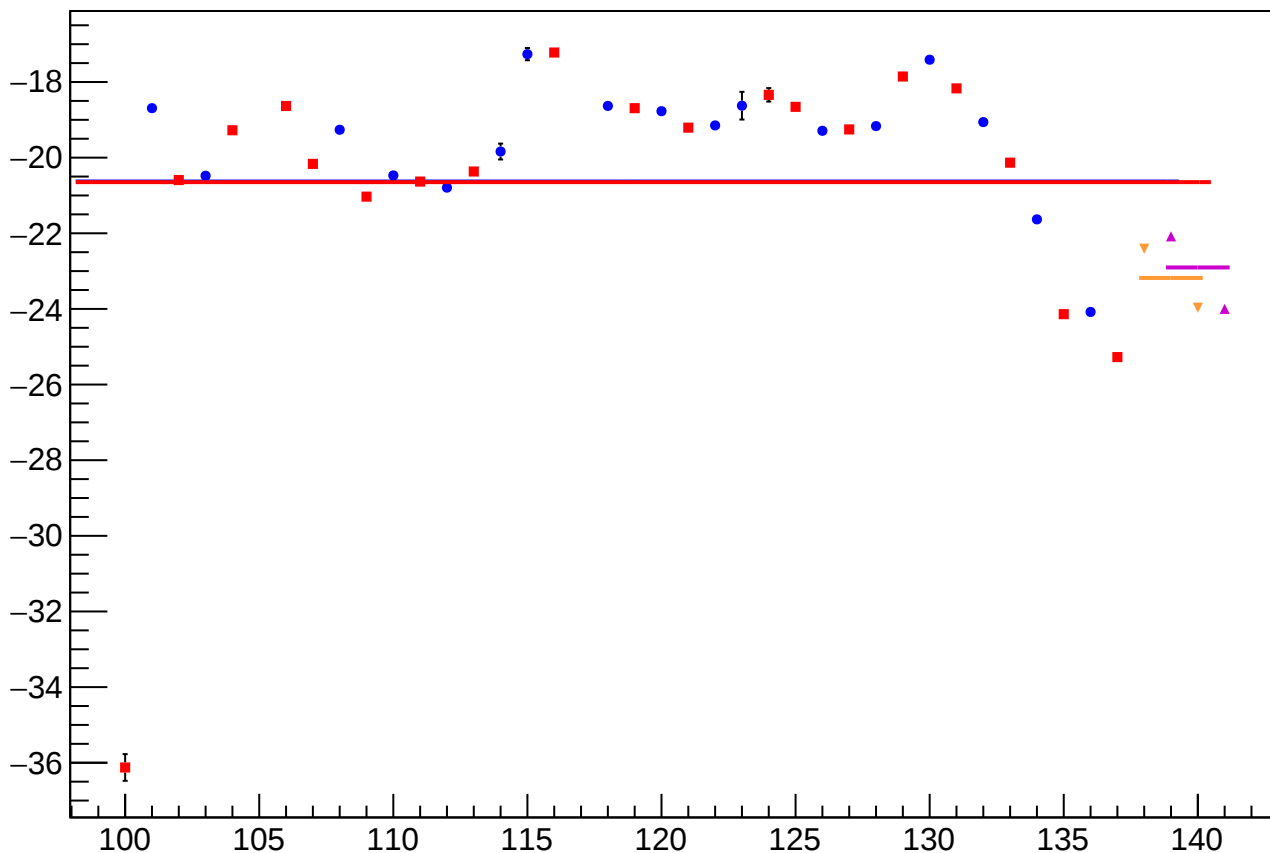
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 6.836 $\pm$ 0.323 χ^2 /NDF:508.4/18

Out: 6.469 $\pm$ 0.328 χ^2 /NDF:694.6/20

All: 6.655 $\pm$ 0.230 χ^2 /NDF: 1203.6/39

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: -23.181+/-0.029 χ^2/NDF : 736.8/1

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: -23.037+/-0.020 χ^2/NDF : 1953.3/3

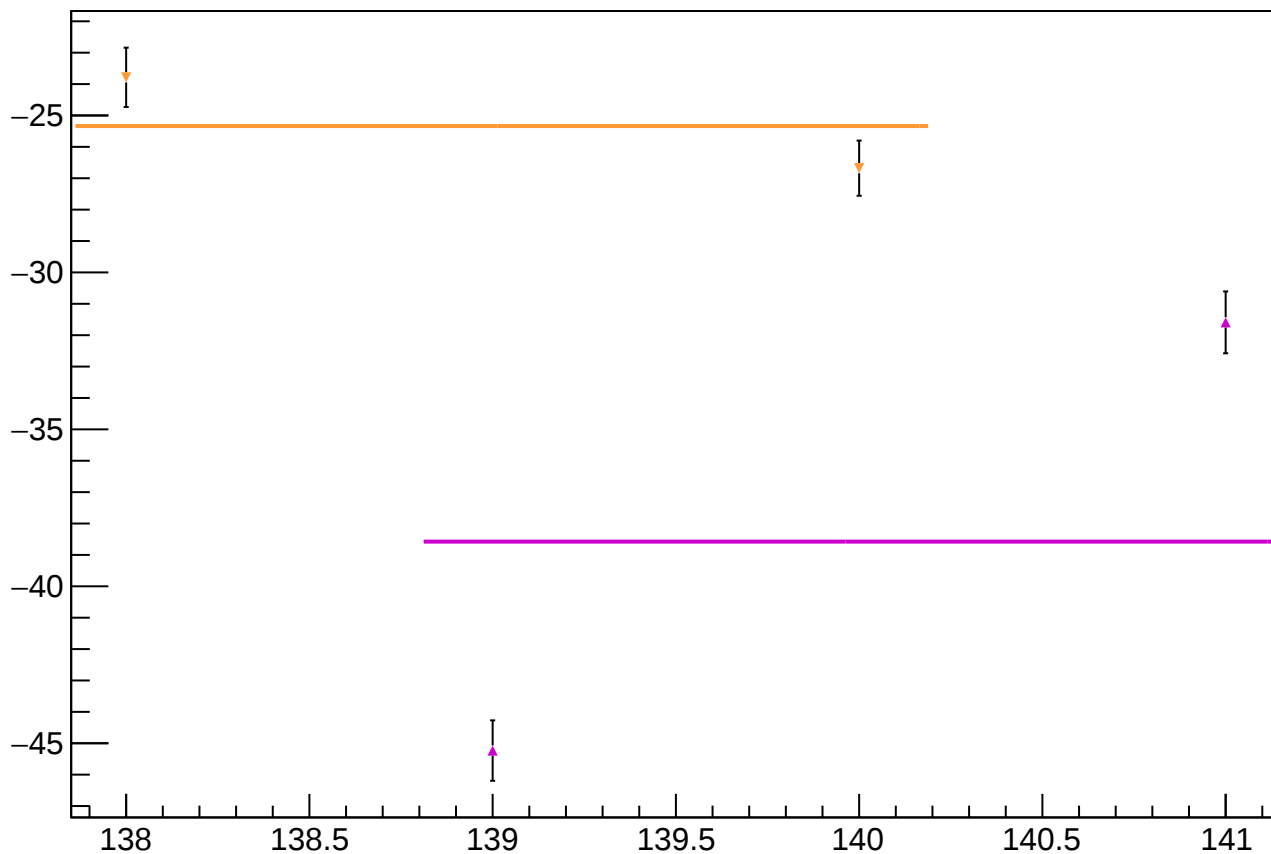
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -21.372+/-0.016 χ^2/NDF : 18189.6/18

Out: -21.442+/-0.016 χ^2/NDF : 19977.3/20

All: -21.406+/-0.011 χ^2/NDF : 38176.4/39

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: -25.337+/-0.644 χ^2/NDF : 5.0/1

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: -31.509+/-0.470 χ^2/NDF : 300.3/3

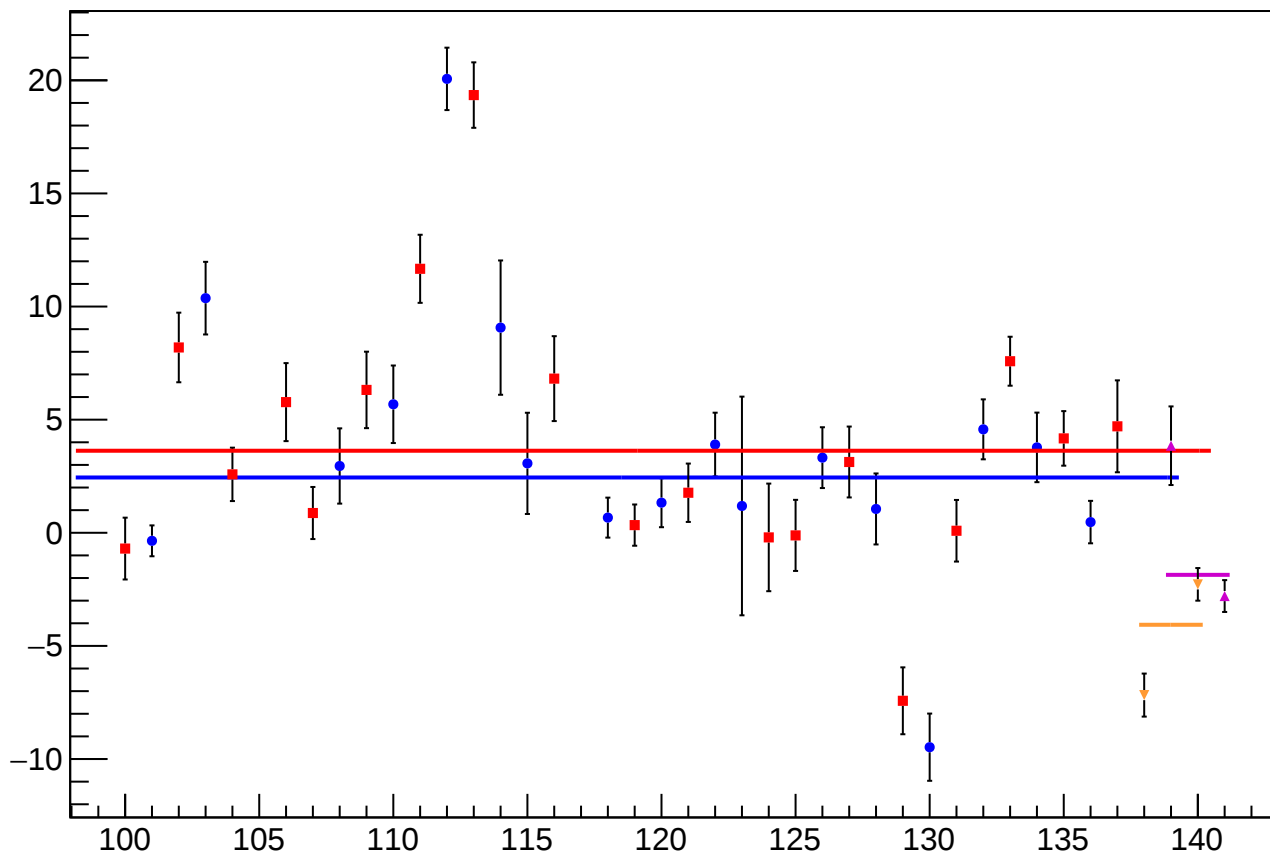
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.576+/-0.689 χ^2/NDF : 98.0/1

Out: -25.337+/-0.644 χ^2/NDF : 5.0/1

All: -31.509+/-0.470 χ^2/NDF : 300.3/3

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: -4.066 ± 0.575 χ^2/NDF : 16.8/1

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: -1.859 ± 0.652 χ^2/NDF : 12.6/1

Left: -3.102 ± 0.431 χ^2/NDF : 35.8/3

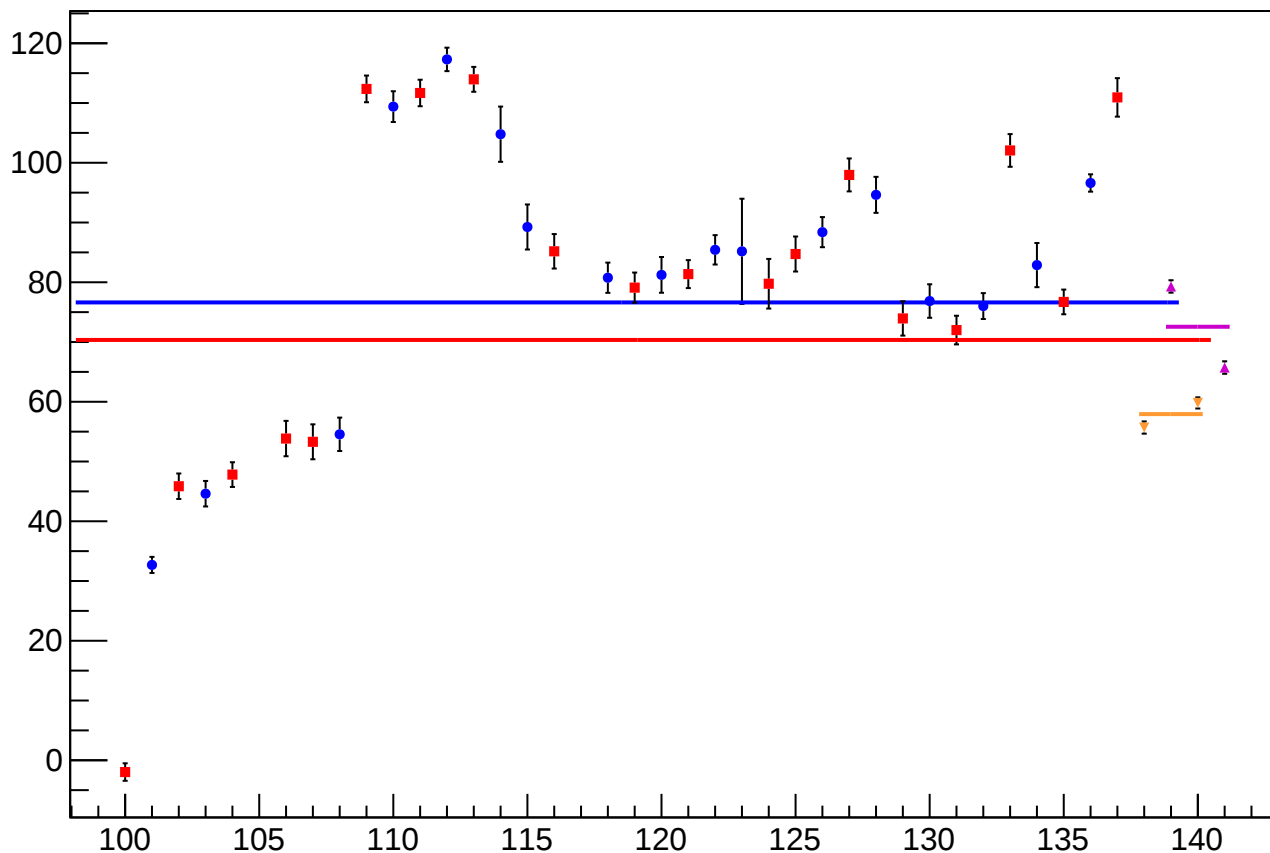
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 1.645 ± 0.281 χ^2/NDF : 340.7/18

Out: 1.824 ± 0.278 χ^2/NDF : 432.9/20

All: 1.735 ± 0.198 χ^2/NDF : 773.8/39

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: 57.934 $\pm$ 0.691 χ^2 /NDF: 8.8/1

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: 64.755 $\pm$ 0.505 χ^2 /NDF: 302.0/3

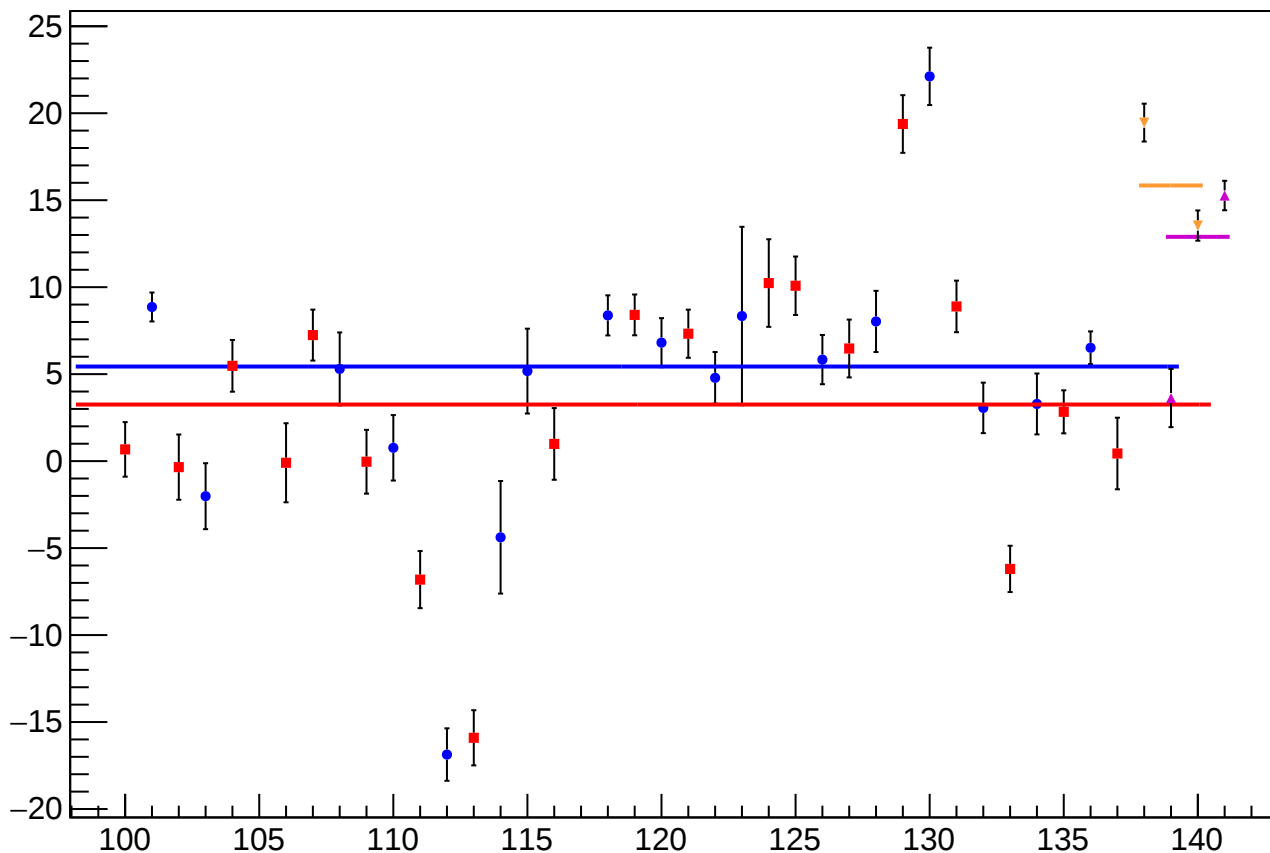
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 75.093 $\pm$ 0.454 χ^2 /NDF: 2366.1/18

Out: 65.537 $\pm$ 0.430 χ^2 /NDF: 4594.6/20

All: 70.062 $\pm$ 0.312 χ^2 /NDF: 7194.3/39

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: 15.847 $\pm$ 0.679 χ^2 /NDF:18.0/1

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: 14.526 $\pm$ 0.505 χ^2 /NDF: 65.1/3

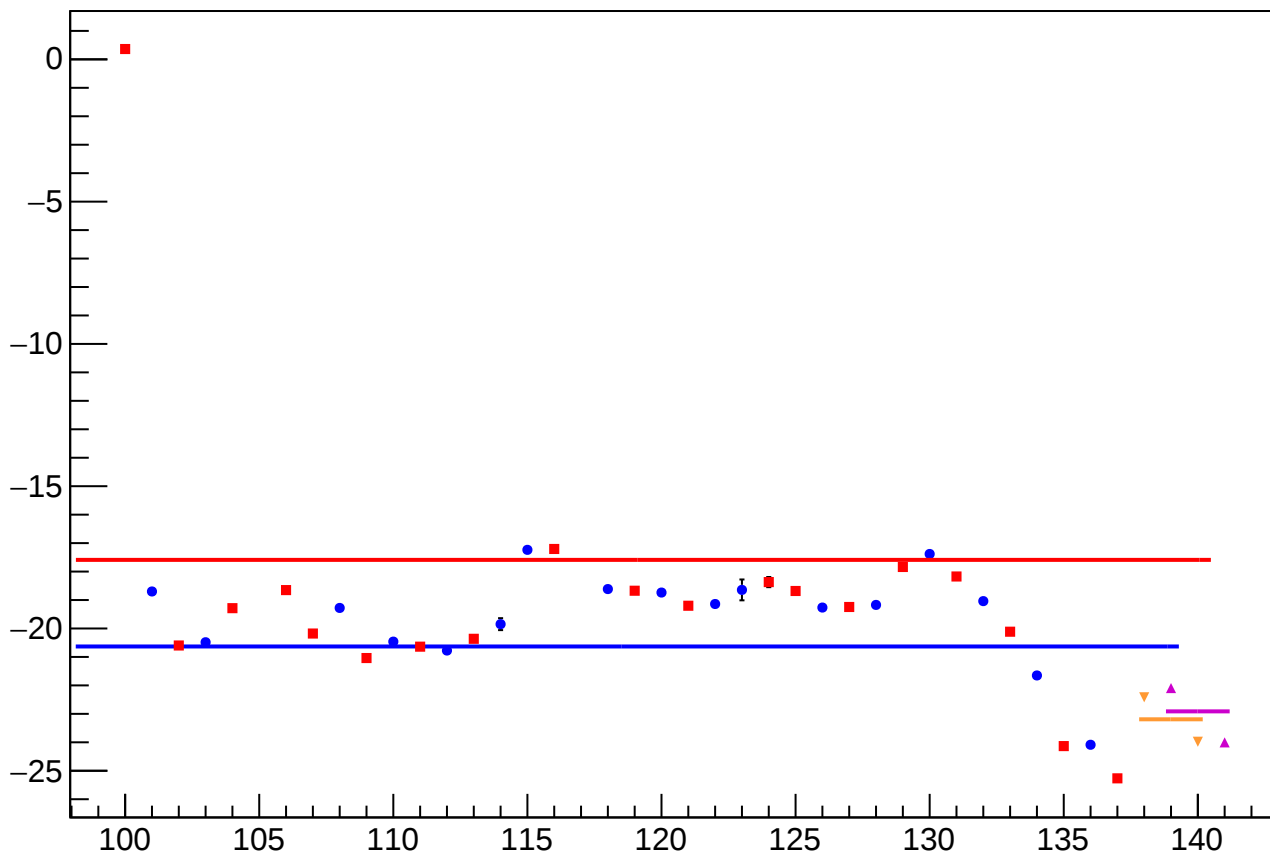
Right: 4.367 $\pm$ 0.256 χ^2 /NDF: 826.5/35

In: 6.805 $\pm$ 0.324 χ^2 /NDF:502.7/18

Out: 6.075 $\pm$ 0.322 χ^2 /NDF:708.4/20

All: 6.438 $\pm$ 0.228 χ^2 /NDF: 1213.6/39

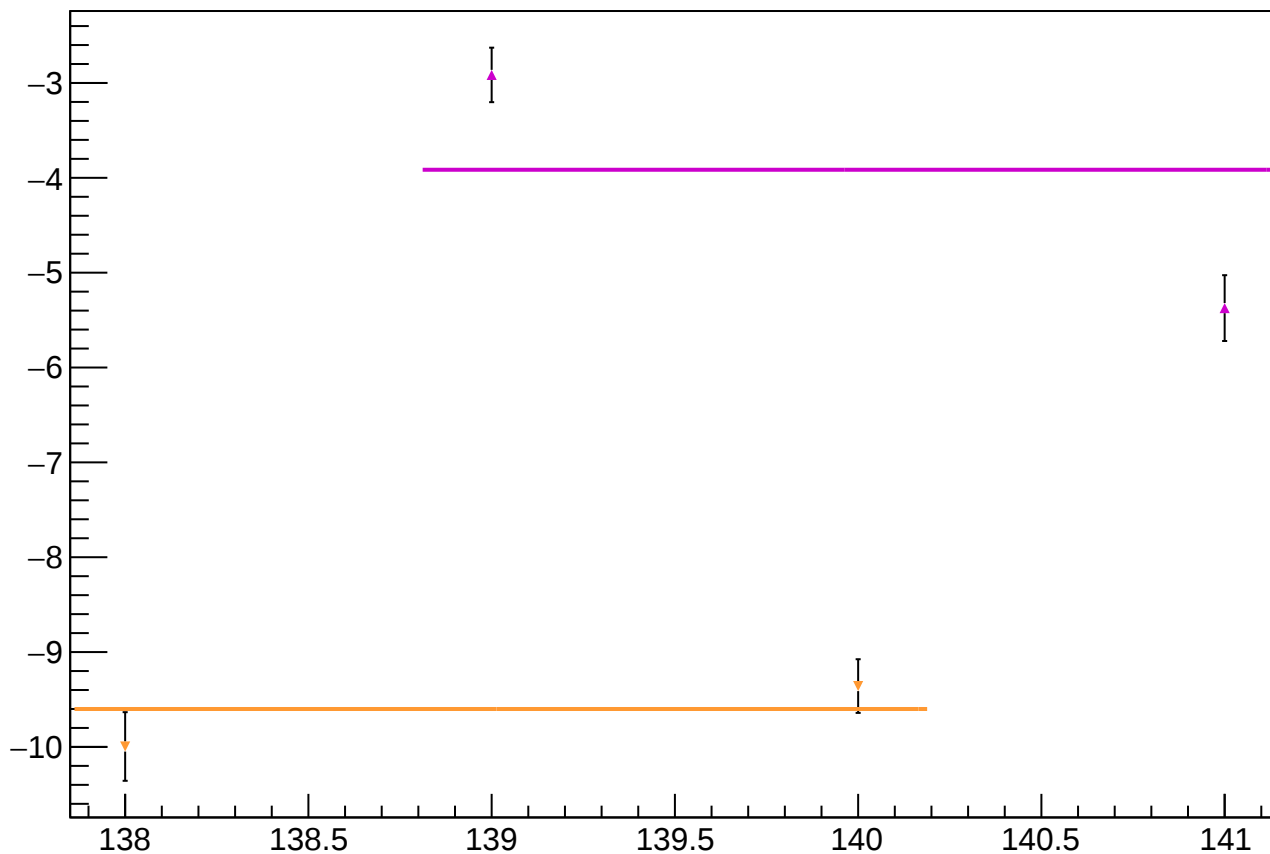
reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$
 Left Out: -23.192 ± 0.029 $\chi^2/\text{NDF}: 736.6/1$
 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: -23.047 ± 0.020 $\chi^2/\text{NDF}: 1942.3/3$
 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: -19.167 ± 0.015 $\chi^2/\text{NDF}: 206658.0/20$
 All: -20.230 ± 0.011 $\chi^2/\text{NDF}: 234971.5/39$

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: -9.600+/-0.223 χ^2/NDF :1.9/1

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: -6.737+/-0.157 χ^2/NDF : 359.4/3

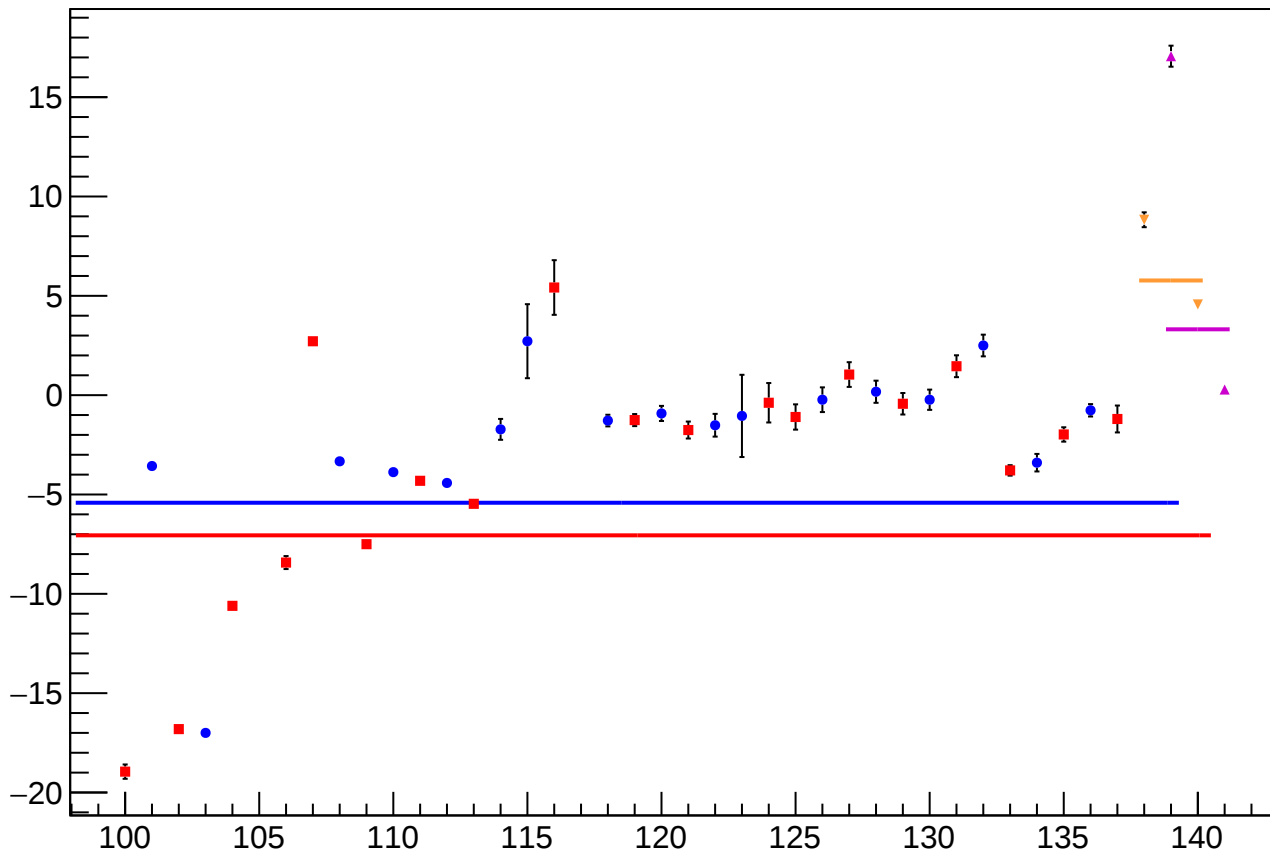
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.915+/-0.221 χ^2/NDF :29.8/1

Out: -9.600+/-0.223 χ^2/NDF :1.9/1

All: -6.737+/-0.157 χ^2/NDF : 359.4/3

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415+/-0.055 χ^2/NDF : 9255.1/16

Left Out: 5.773+/-0.199 χ^2/NDF :92.9/1

Right Out: -7.056+/-0.059 χ^2/NDF : 12334.0/18

Left In: 3.314+/-0.225 χ^2/NDF :823.9/1

Left: 4.693+/-0.149 χ^2/NDF : 983.9/3

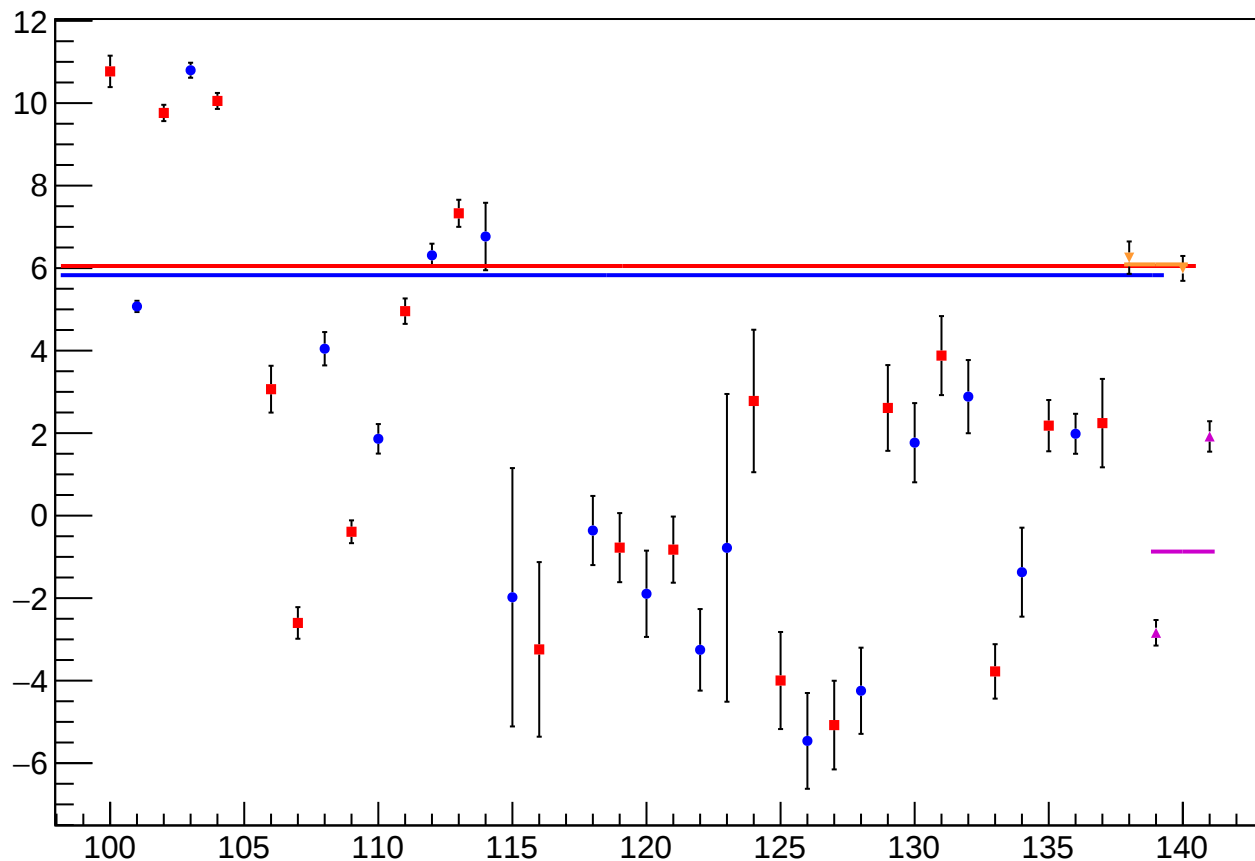
Right: -6.174+/-0.040 χ^2/NDF : 22004.4/35

In: -4.927+/-0.053 χ^2/NDF :11501.5/18

Out: -6.020+/-0.057 χ^2/NDF :16243.3/20

All: -5.440+/-0.039 χ^2/NDF : 27942.9/39

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: 6.090 ± 0.239 $\chi^2/\text{NDF}: 0.3/1$

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: 2.583 ± 0.168 $\chi^2/\text{NDF}: 525.0/3$

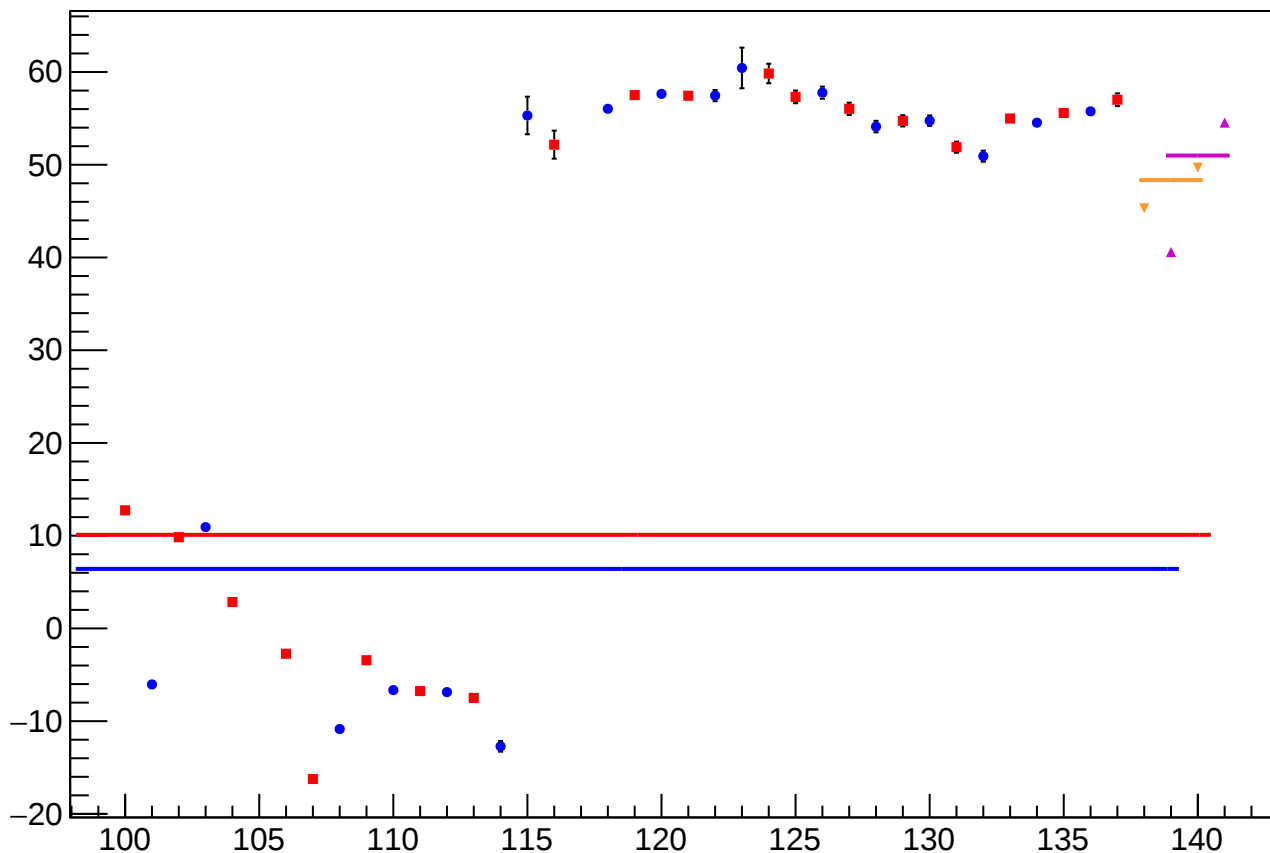
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 4.992 ± 0.084 $\chi^2/\text{NDF}: 2243.6/18$

Out: 6.056 ± 0.087 $\chi^2/\text{NDF}: 2674.4/20$

All: 5.505 ± 0.060 $\chi^2/\text{NDF}: 4995.7/39$

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: 48.341+/-0.236 χ^2/NDF : 73.8/1

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: 49.549+/-0.174 χ^2/NDF : 689.1/3

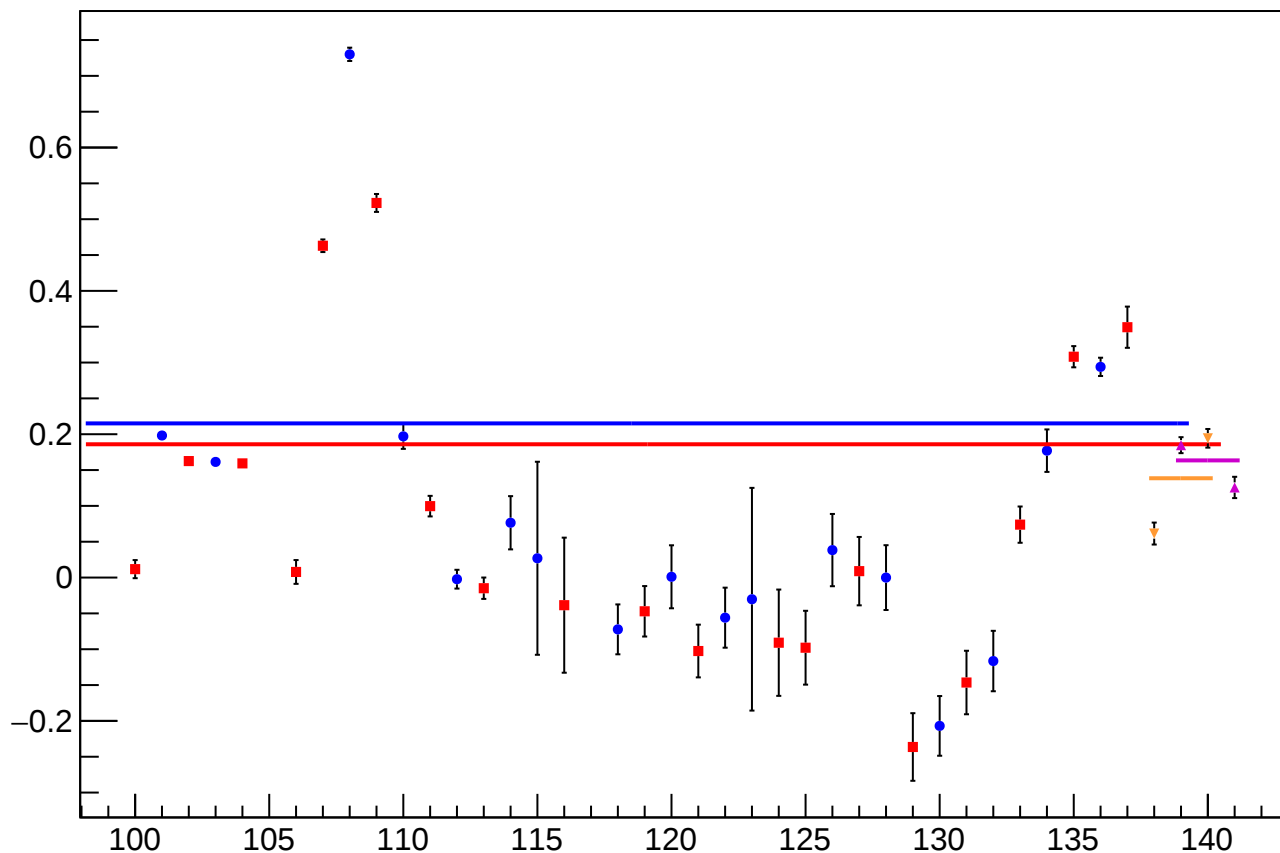
Right: 8.122+/-0.047 χ^2/NDF : 246726.1/35

In: 9.069+/-0.063 χ^2/NDF : 151835.9/18

Out: 13.175+/-0.067 χ^2/NDF : 146428.9/20

All: 10.993+/-0.046 χ^2/NDF : 300269.2/39

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: 0.139 $\pm$ 0.010 χ^2 /NDF:43.7/1

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: 0.152 $\pm$ 0.007 χ^2 /NDF: 57.3/3

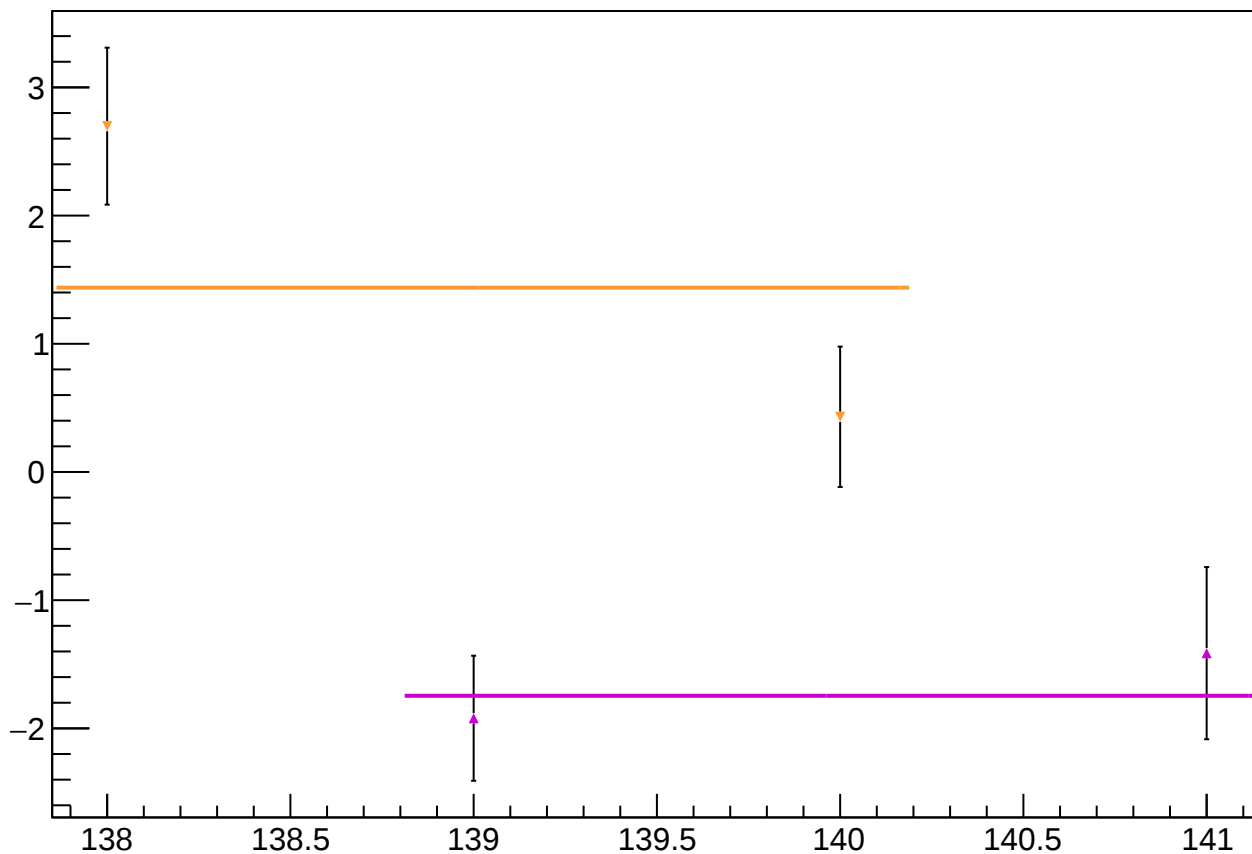
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.211 $\pm$ 0.003 χ^2 /NDF:3967.8/18

Out: 0.183 $\pm$ 0.003 χ^2 /NDF:2784.3/20

All: 0.196 $\pm$ 0.002 χ^2 /NDF: 6808.6/39

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: 1.438+/-0.408 χ^2/NDF : 7.6/1

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: -0.207+/-0.284 χ^2/NDF : 39.4/3

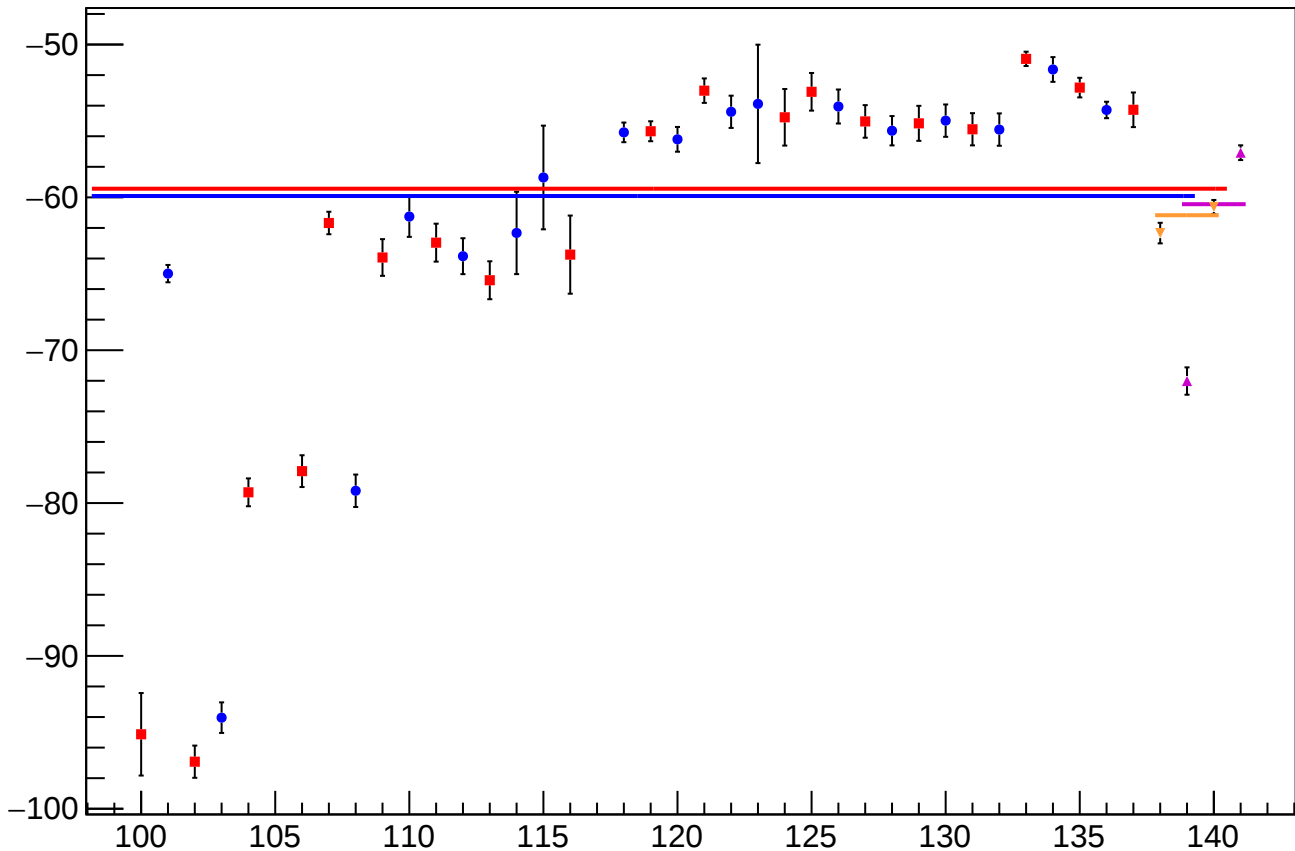
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.746+/-0.395 χ^2/NDF : 0.4/1

Out: 1.438+/-0.408 χ^2/NDF : 7.6/1

All: -0.207+/-0.284 χ^2/NDF : 39.4/3

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: -61.167+/-0.378 χ^2/NDF : 4.4/1

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: -60.848+/-0.283 χ^2/NDF : 221.8/3

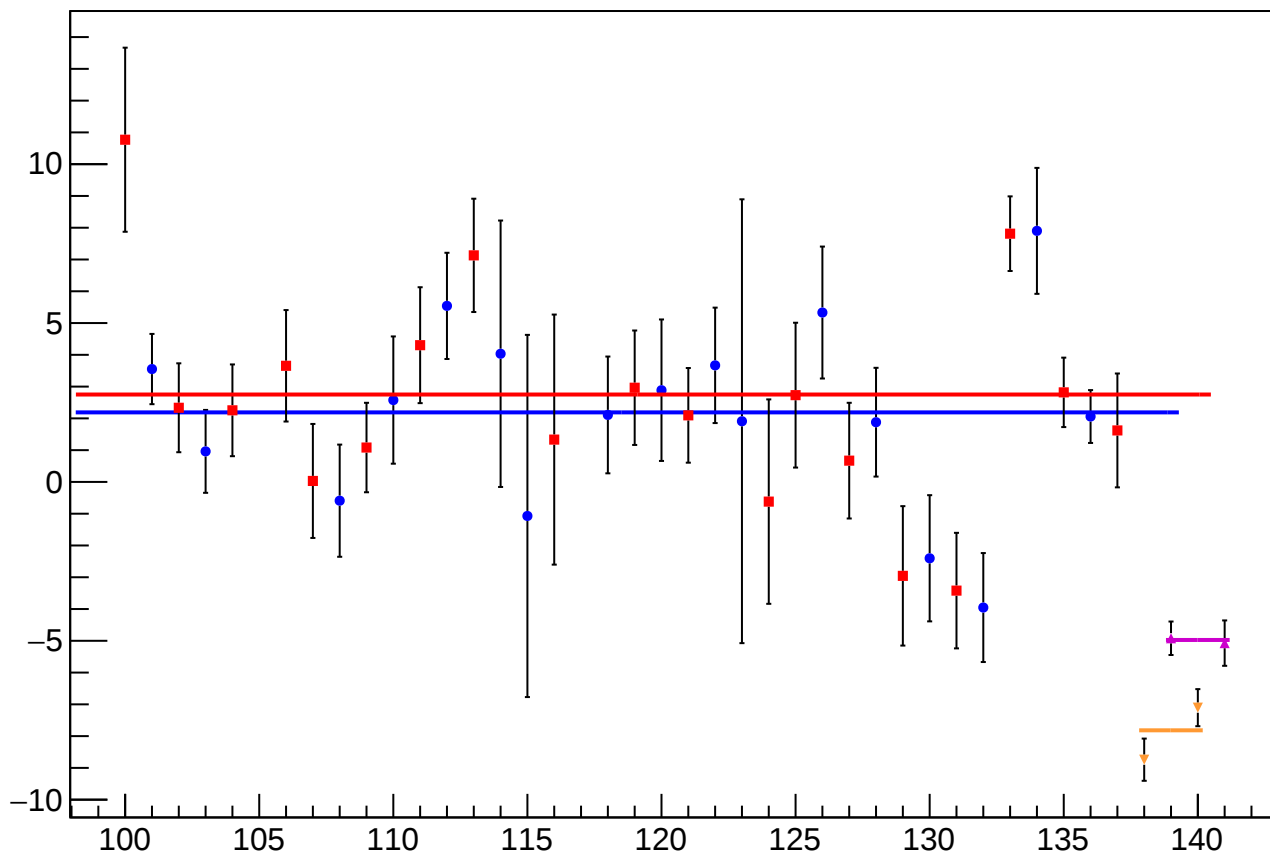
Right: -59.659+/-0.154 χ^2/NDF : 4902.1/35

In: -60.026+/-0.198 χ^2/NDF : 2197.8/18

Out: -59.846+/-0.185 χ^2/NDF : 2939.3/20

All: -59.930+/-0.135 χ^2/NDF : 5137.6/39

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -7.817 ± 0.438 $\chi^2/\text{NDF}: 3.4/1$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -4.974 ± 0.424 $\chi^2/\text{NDF}: 0.0/1$

Left: -6.348 ± 0.305 $\chi^2/\text{NDF}: 25.2/3$

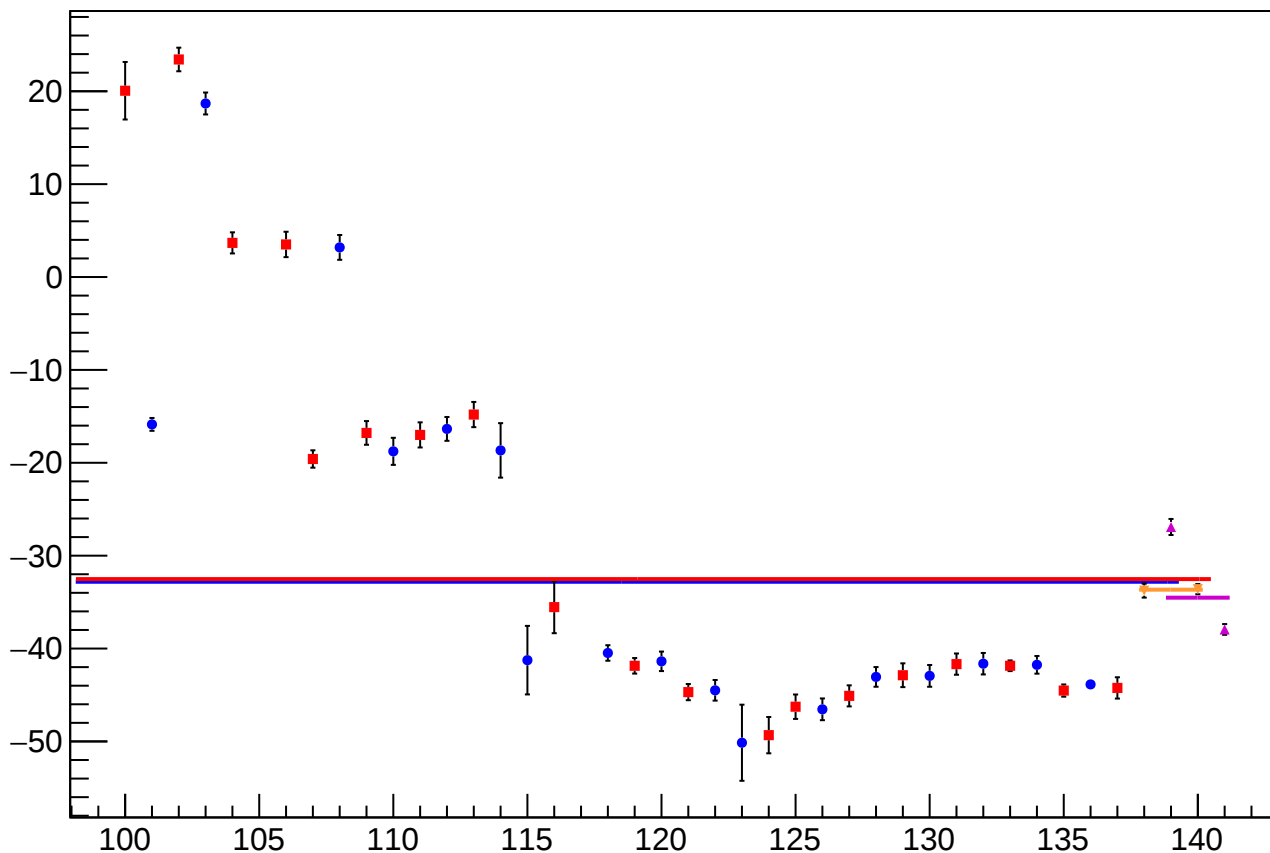
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -1.226 ± 0.293 $\chi^2/\text{NDF}: 188.5/18$

Out: -1.883 ± 0.290 $\chi^2/\text{NDF}: 388.4/20$

All: -1.557 ± 0.206 $\chi^2/\text{NDF}: 579.5/39$

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: -33.662 ± 0.443 $\chi^2/\text{NDF}: 0.0/1$

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: -34.057 ± 0.326 $\chi^2/\text{NDF}: 114.5/3$

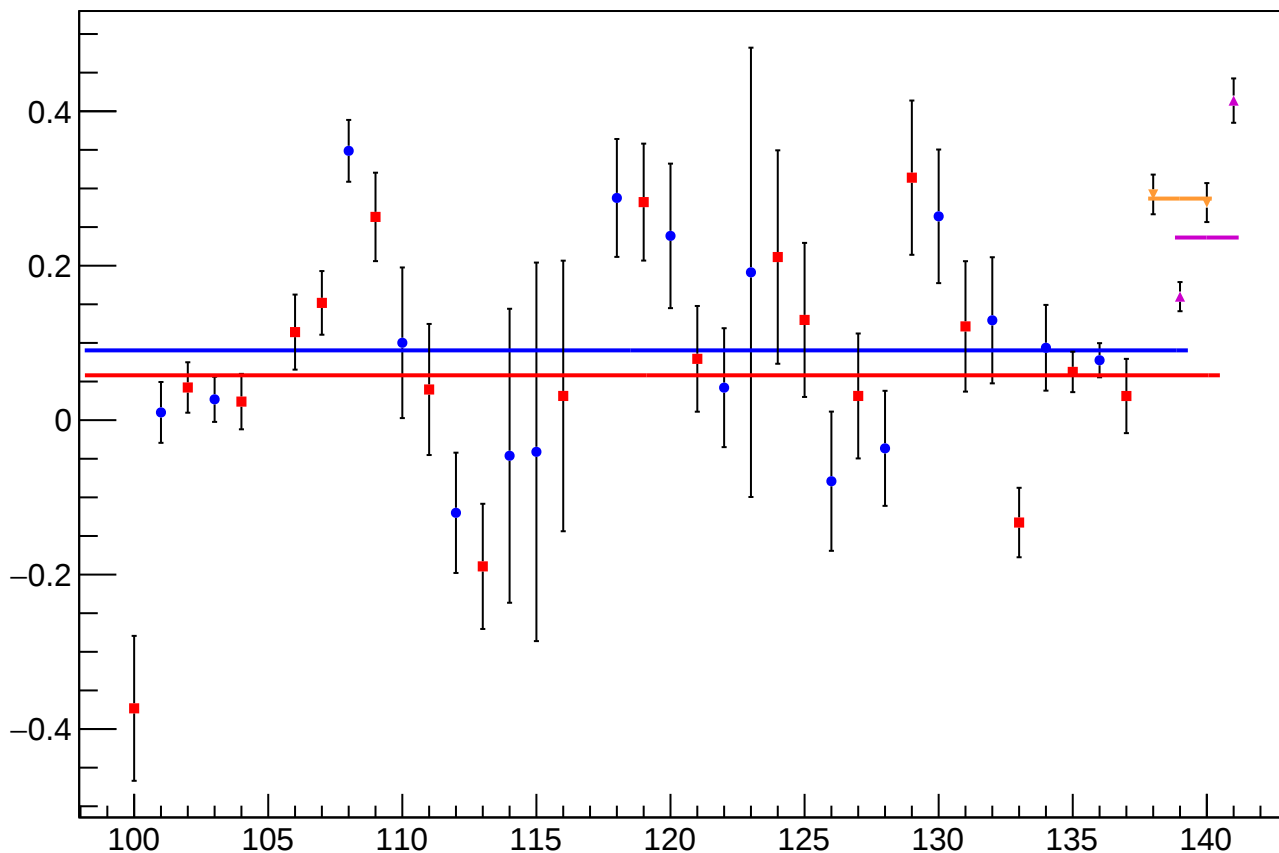
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -33.181 ± 0.225 $\chi^2/\text{NDF}: 4785.5/18$

Out: -32.787 ± 0.214 $\chi^2/\text{NDF}: 6045.3/20$

All: -32.974 ± 0.155 $\chi^2/\text{NDF}: 10832.5/39$

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: 0.287 $\pm$ 0.018 χ^2 /NDF:0.1/1

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: 59.1/3

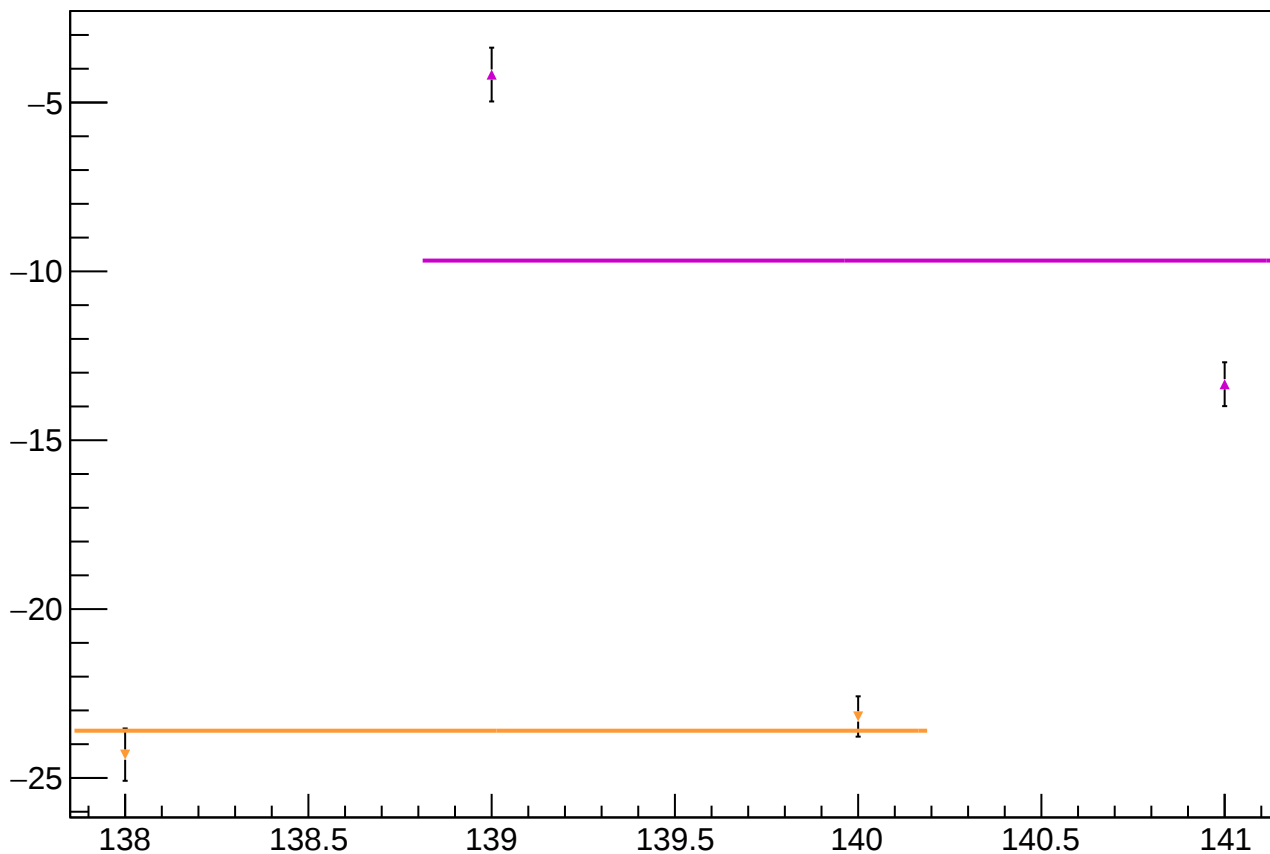
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.148 $\pm$ 0.010 χ^2 /NDF:185.9/18

Out: 0.130 $\pm$ 0.010 χ^2 /NDF:198.3/20

All: 0.139 $\pm$ 0.007 χ^2 /NDF: 385.9/39

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -23.600 $\pm$ 0.473 χ^2/NDF : 1.3/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -9.680 $\pm$ 0.503 χ^2/NDF : 79.6/1

Left: -17.073 $\pm$ 0.345 χ^2/NDF : 487.4/3

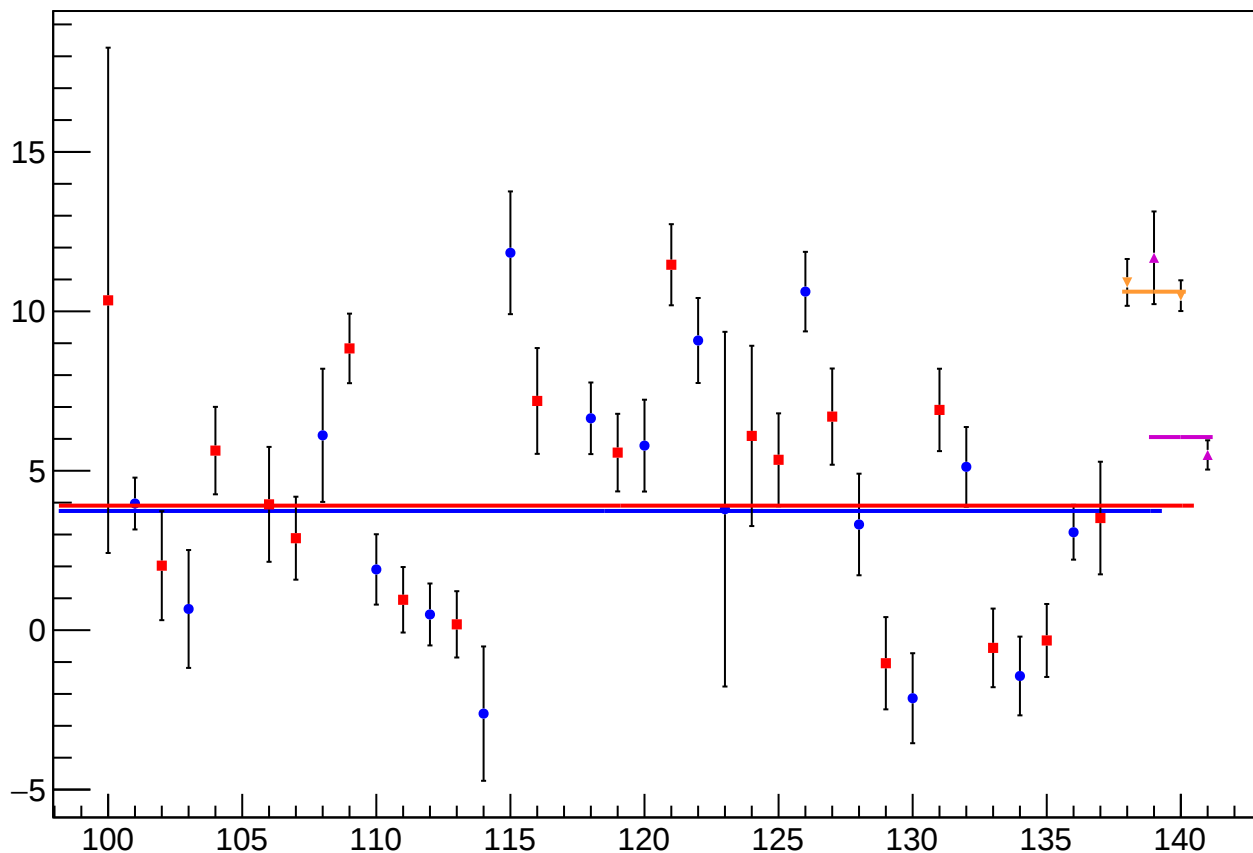
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -9.680 $\pm$ 0.503 χ^2/NDF : 79.6/1

Out: -23.600 $\pm$ 0.473 χ^2/NDF : 1.3/1

All: -17.073 $\pm$ 0.345 χ^2/NDF : 487.4/3

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 10.617 $\pm$ 0.403 χ^2 /NDF:0.2/1

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 6.057 $\pm$ 0.438 χ^2 /NDF:16.5/1

Left: 8.524 $\pm$ 0.297 χ^2 /NDF: 75.4/3

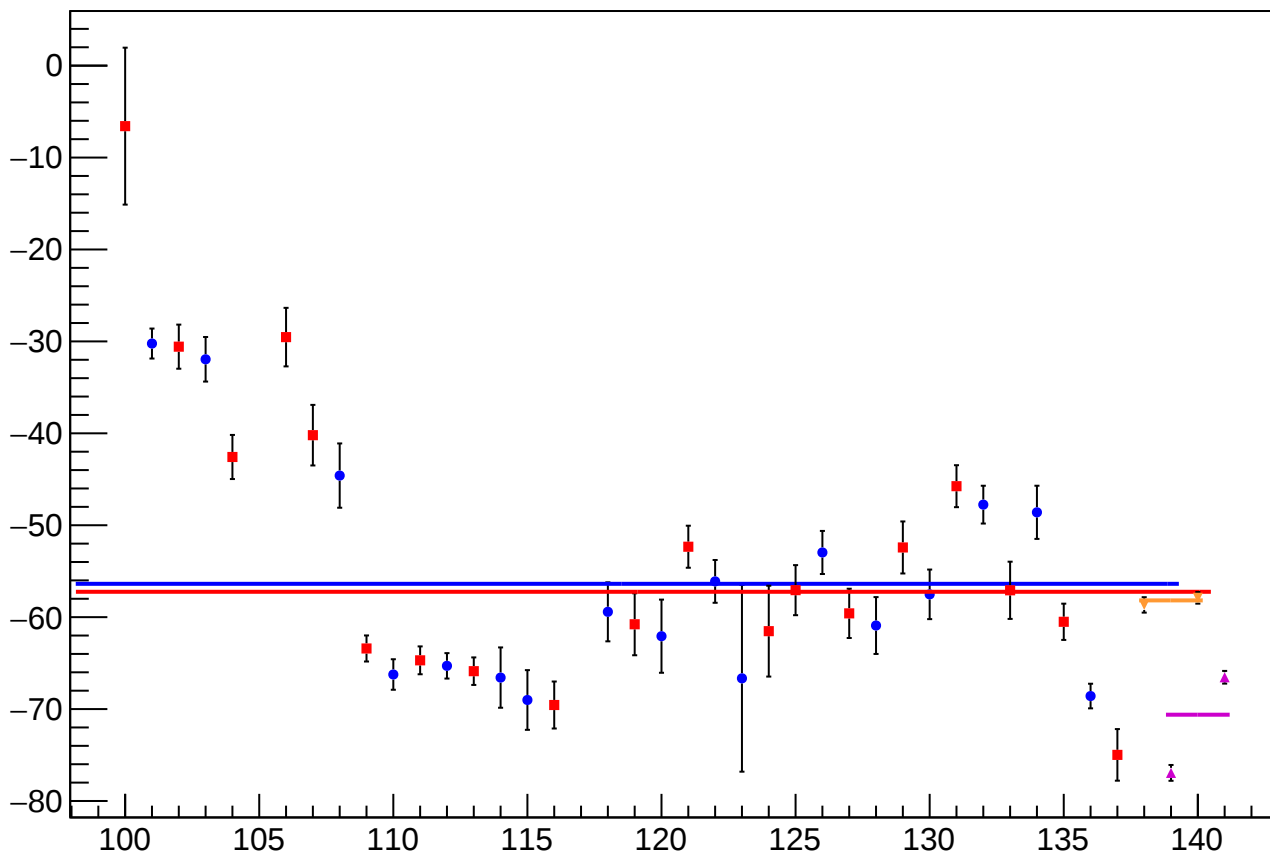
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 4.510 $\pm$ 0.252 χ^2 /NDF:172.1/18

Out: 6.460 $\pm$ 0.249 χ^2 /NDF:307.3/20

All: 5.499 $\pm$ 0.177 χ^2 /NDF: 509.6/39

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -58.177 ± 0.507 χ^2/NDF : 0.5/1

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -70.612 ± 0.539 χ^2/NDF : 88.9/1

Left: -64.016 ± 0.369 χ^2/NDF : 372.3/3

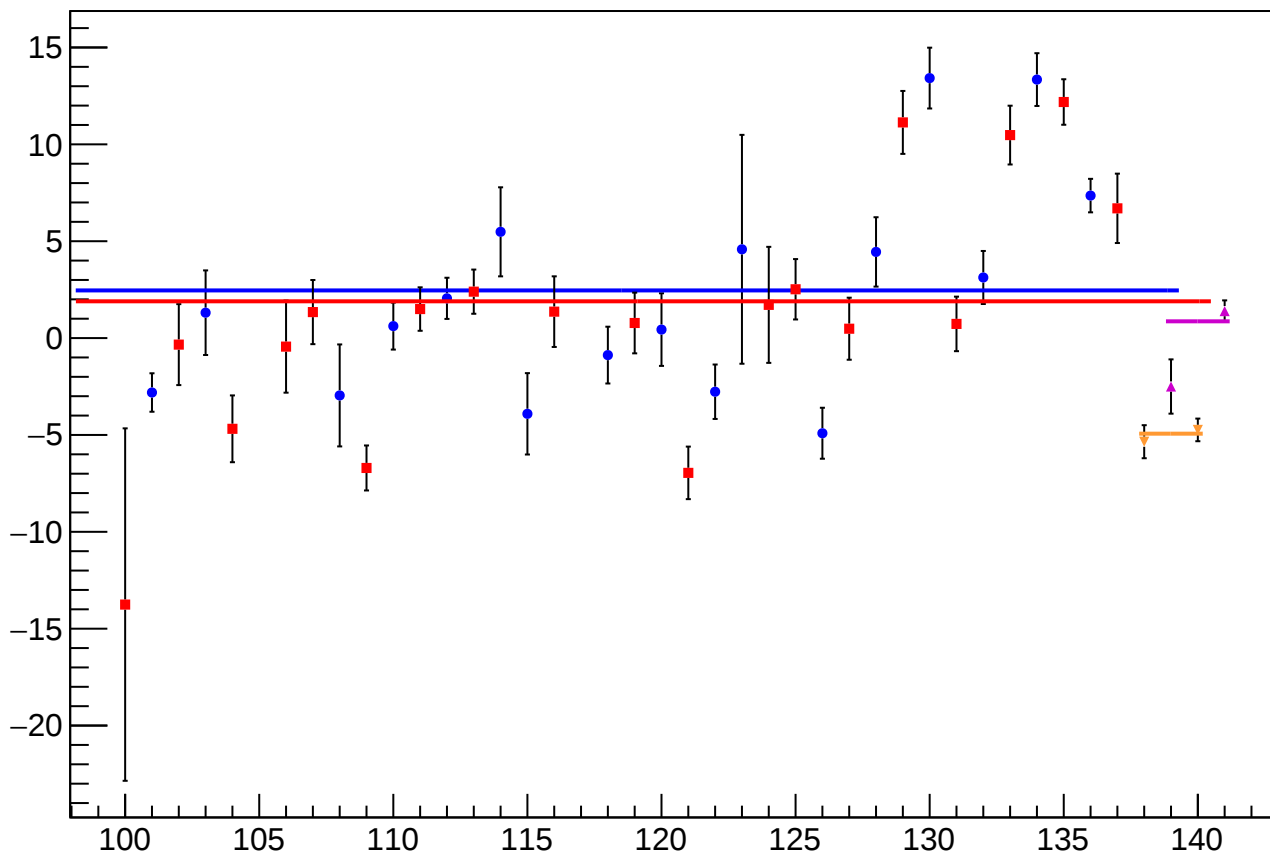
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -63.551 ± 0.382 χ^2/NDF : 1023.2/18

Out: -57.735 ± 0.368 χ^2/NDF : 478.5/20

All: -60.533 ± 0.265 χ^2/NDF : 1621.8/39

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: -4.934 ± 0.482 χ^2/NDF : 0.3/1

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: -2.229 ± 0.352 χ^2/NDF : 74.6/3

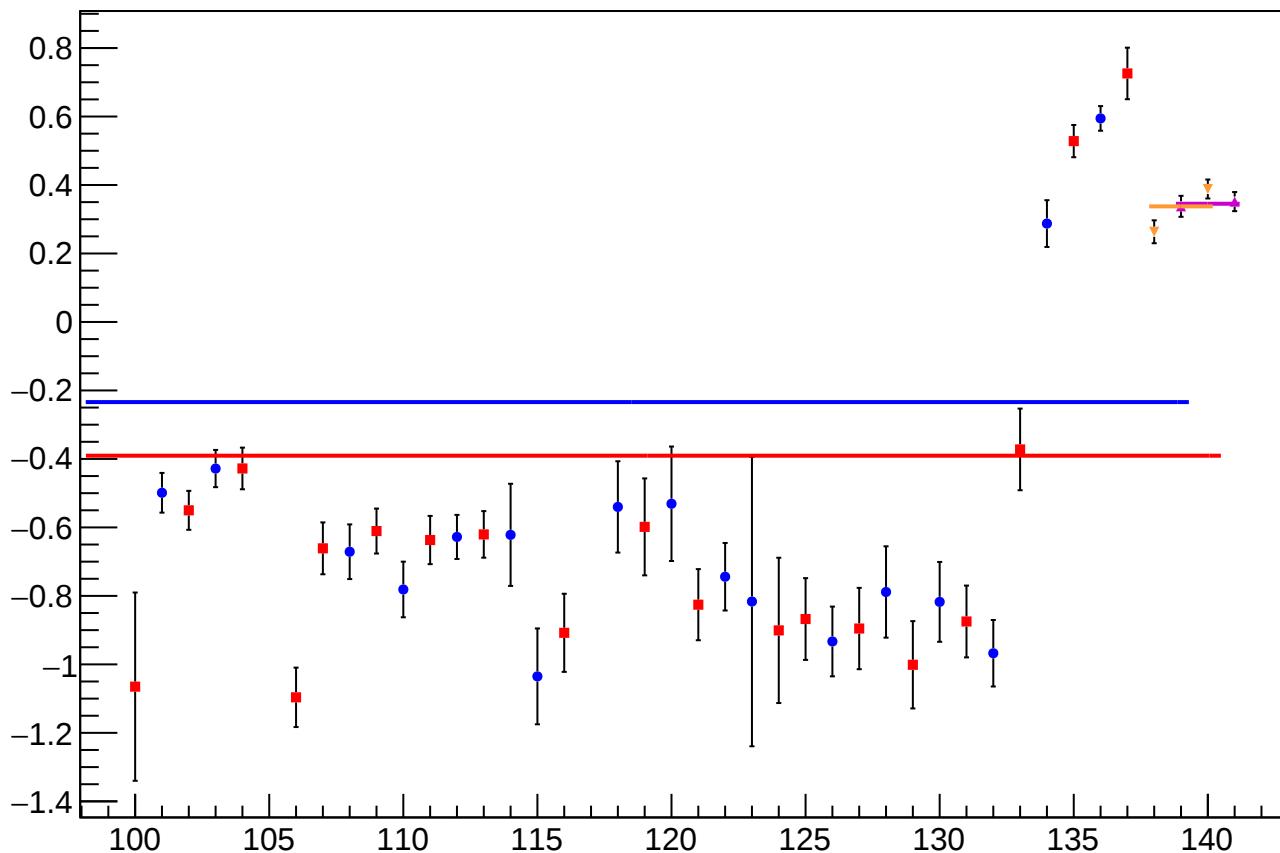
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 1.964 ± 0.287 χ^2/NDF : 257.2/18

Out: -0.503 ± 0.286 χ^2/NDF : 398.8/20

All: 0.723 ± 0.203 χ^2/NDF : 693.0/39

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: 0.338 ± 0.021 χ^2/NDF : 8.3/1

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: 0.342 ± 0.015 χ^2/NDF : 8.4/3

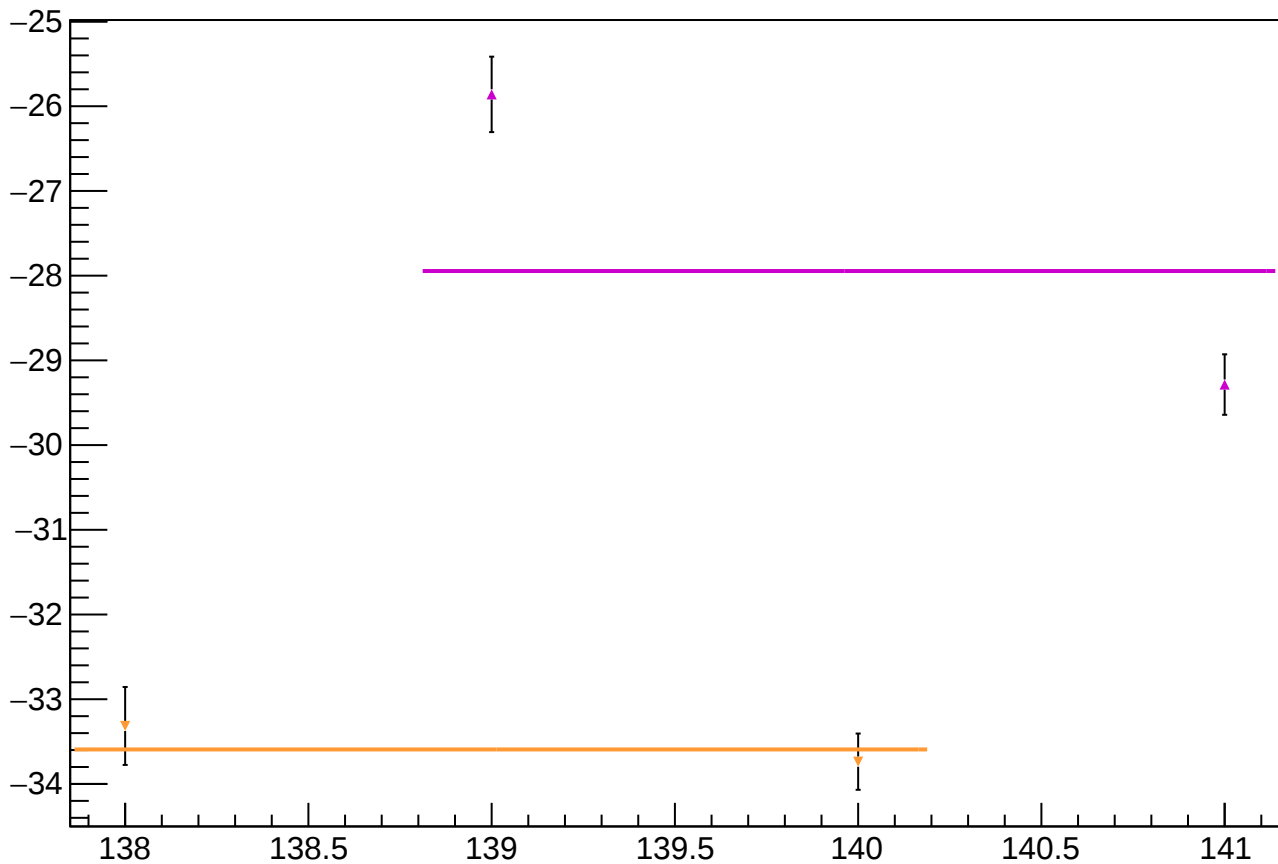
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.030 ± 0.014 χ^2/NDF : 1387.1/18

Out: -0.069 ± 0.014 χ^2/NDF : 1511.7/20

All: -0.019 ± 0.010 χ^2/NDF : 2923.9/39

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: -33.593+/-0.269 χ^2/NDF : 0.6/1

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: -30.865+/-0.194 χ^2/NDF : 249.1/3

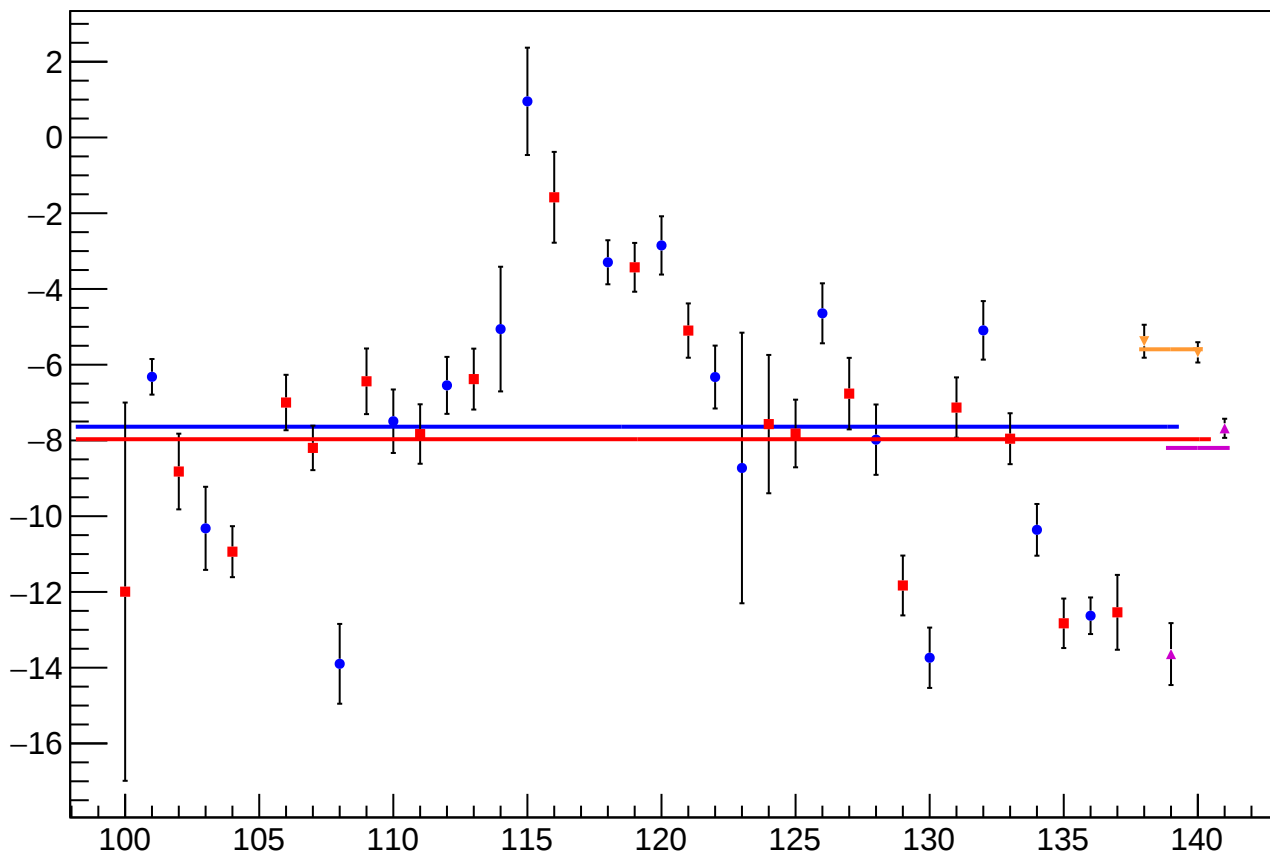
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.945+/-0.278 χ^2/NDF : 36.0/1

Out: -33.593+/-0.269 χ^2/NDF : 0.6/1

All: -30.865+/-0.194 χ^2/NDF : 249.1/3

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: -5.593 ± 0.228 χ^2/NDF : 0.3/1

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: -6.825 ± 0.166 χ^2/NDF : 110.4/3

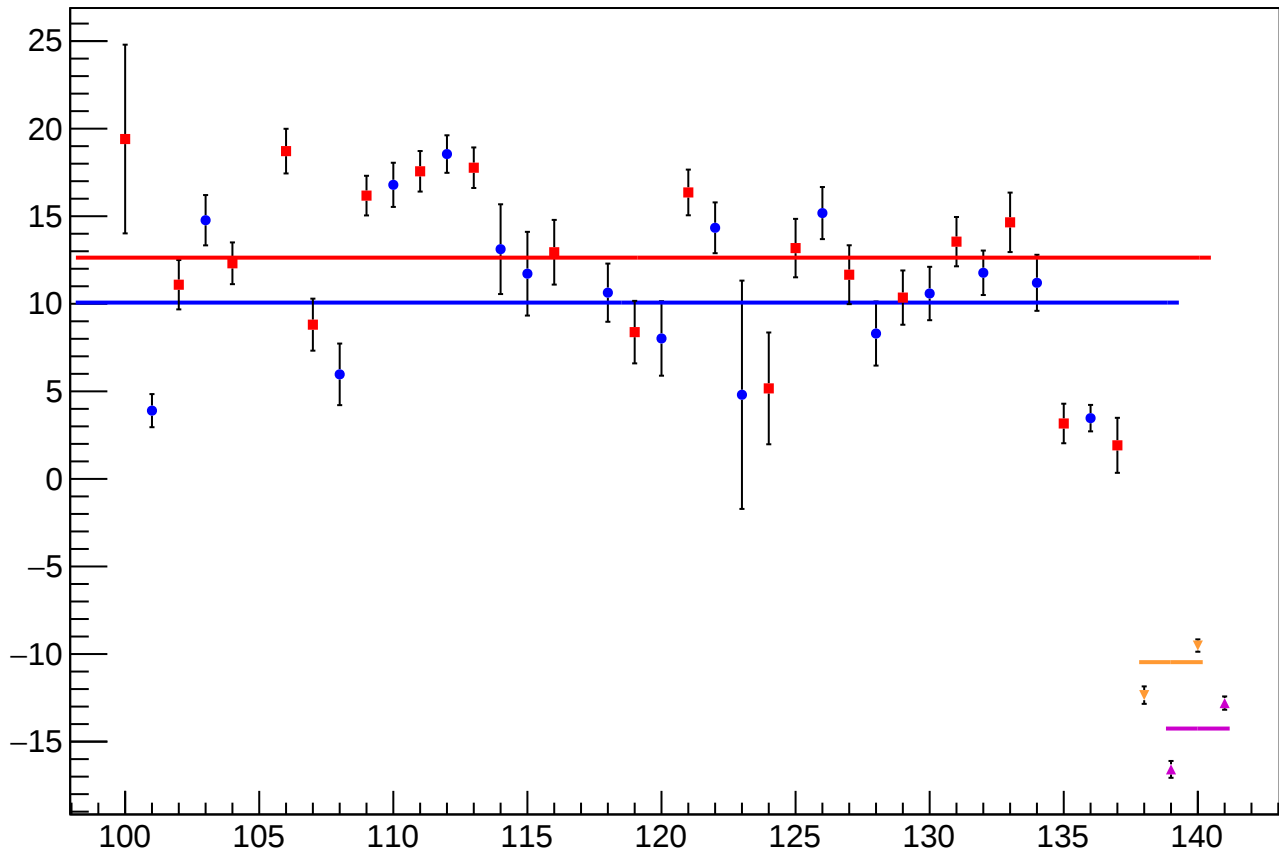
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.846 ± 0.147 χ^2/NDF : 445.9/18

Out: -7.022 ± 0.144 χ^2/NDF : 292.6/20

All: -7.425 ± 0.103 χ^2/NDF : 754.5/39

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: -10.463 ± 0.288 χ^2/NDF : 21.5/1

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: -12.297 ± 0.207 χ^2/NDF : 143.3/3

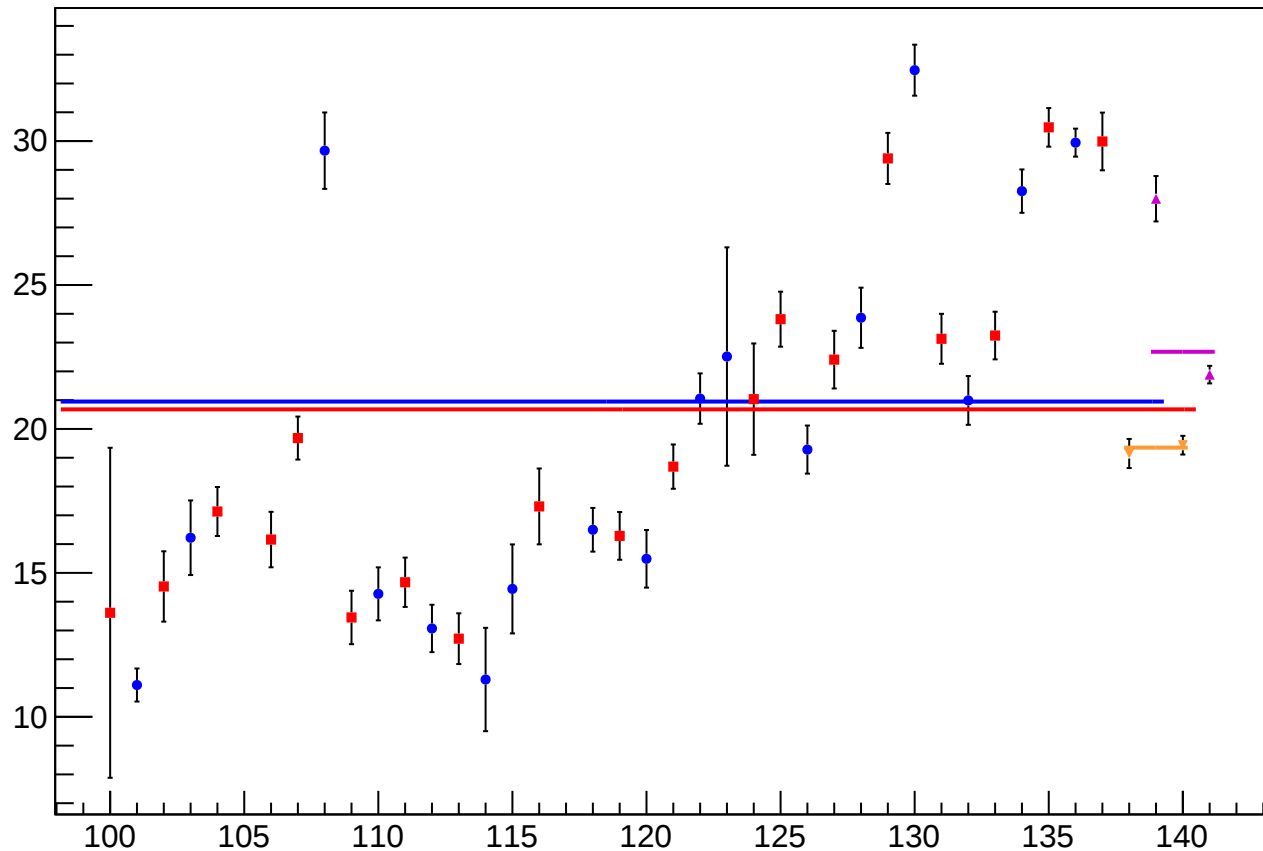
Right: 11.370 ± 0.237 χ^2/NDF : 503.5/35

In: -3.601 ± 0.223 χ^2/NDF : 3212.0/18

Out: -0.548 ± 0.218 χ^2/NDF : 2996.7/20

All: -2.036 ± 0.156 χ^2/NDF : 6304.4/39

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 ± 0.210 χ^2/NDF : 1222.8/16

Left Out: 19.352 ± 0.273 χ^2/NDF : 0.2/1

Right Out: 20.680 ± 0.213 χ^2/NDF : 728.4/18

Left In: 22.681 ± 0.284 χ^2/NDF : 52.3/1

Left: 20.951 ± 0.197 χ^2/NDF : 123.8/3

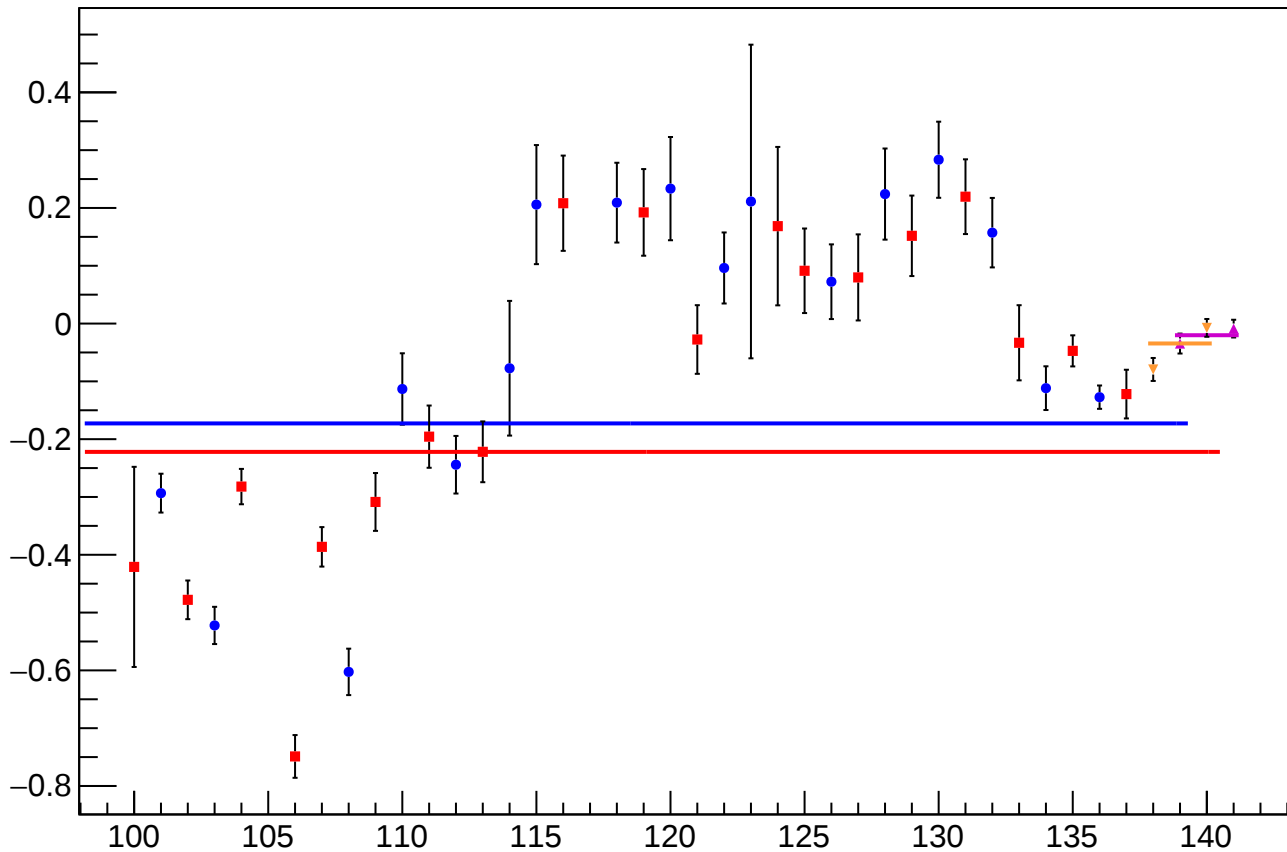
Right: 20.818 ± 0.149 χ^2/NDF : 1952.1/35

In: 21.562 ± 0.169 χ^2/NDF : 1299.0/18

Out: 20.179 ± 0.168 χ^2/NDF : 743.4/20

All: 20.866 ± 0.119 χ^2/NDF : 2076.1/39

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: -0.034 ± 0.012 χ^2/NDF : 8.2/1

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: -0.027 ± 0.008 χ^2/NDF : 10.2/3

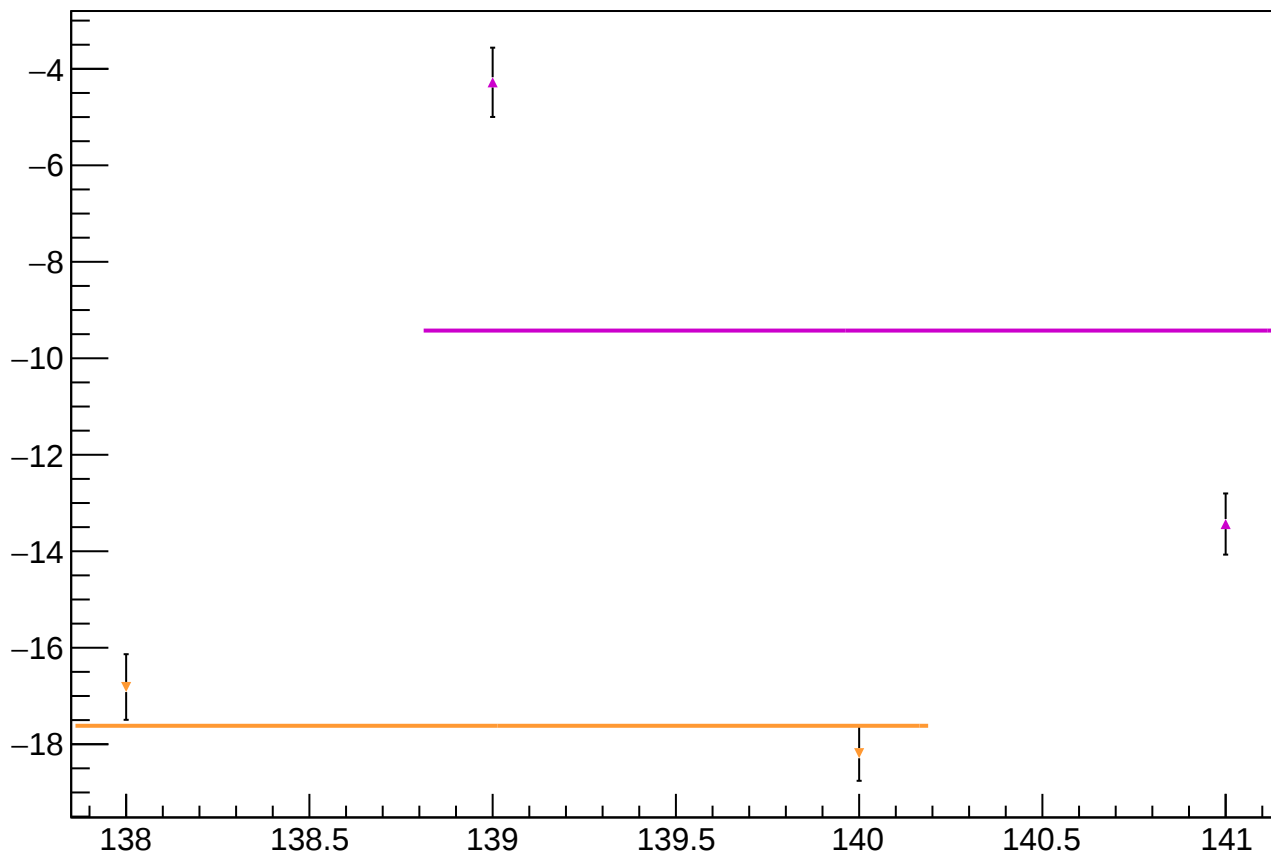
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.098 ± 0.008 χ^2/NDF : 552.3/18

Out: -0.138 ± 0.008 χ^2/NDF : 676.0/20

All: -0.118 ± 0.006 χ^2/NDF : 1240.5/39

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: -17.618+/-0.438 χ^2/NDF : 2.4/1

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: -13.857+/-0.322 χ^2/NDF : 254.5/3

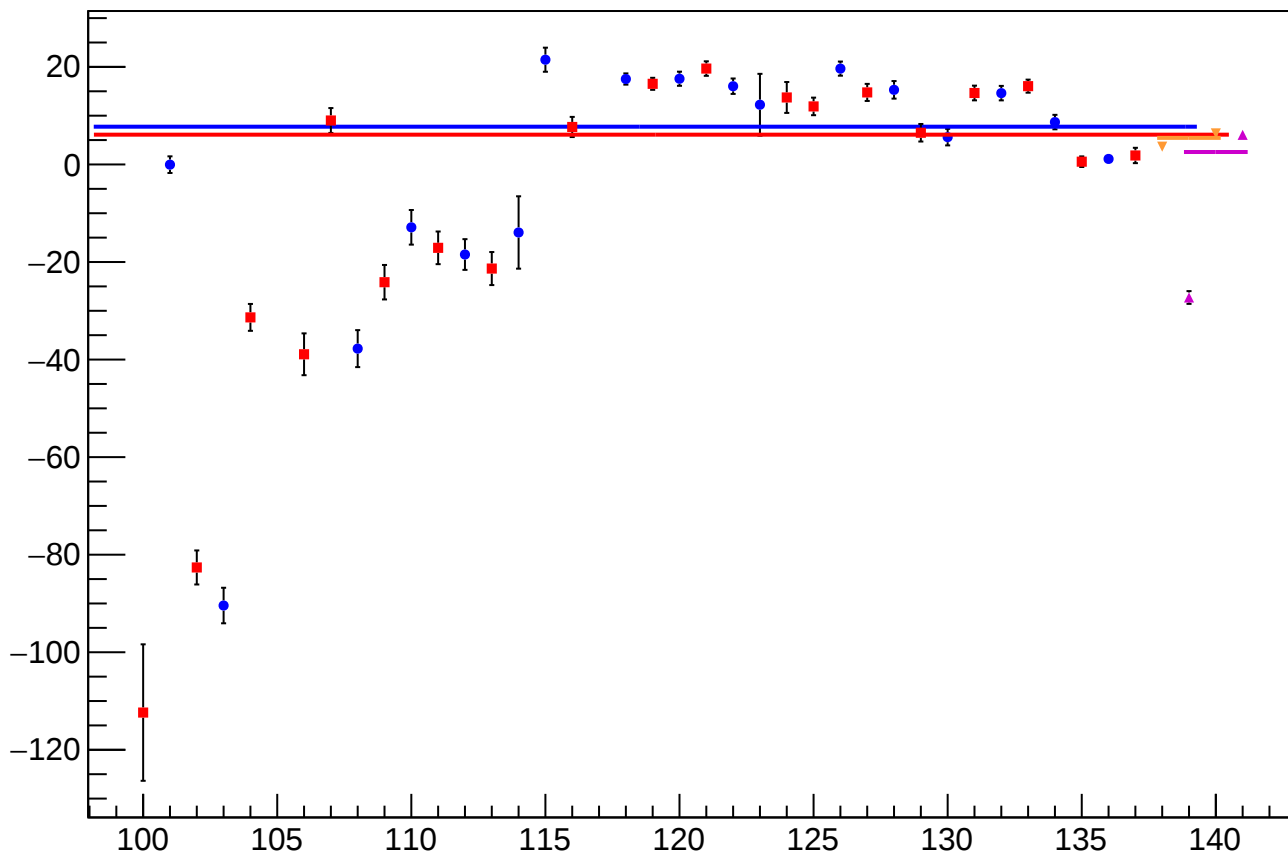
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.425+/-0.475 χ^2/NDF : 91.4/1

Out: -17.618+/-0.438 χ^2/NDF : 2.4/1

All: -13.857+/-0.322 χ^2/NDF : 254.5/3

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: 5.449 ± 0.378 χ^2/NDF : 11.6/1

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: 4.170 ± 0.282 χ^2/NDF : 619.6/3

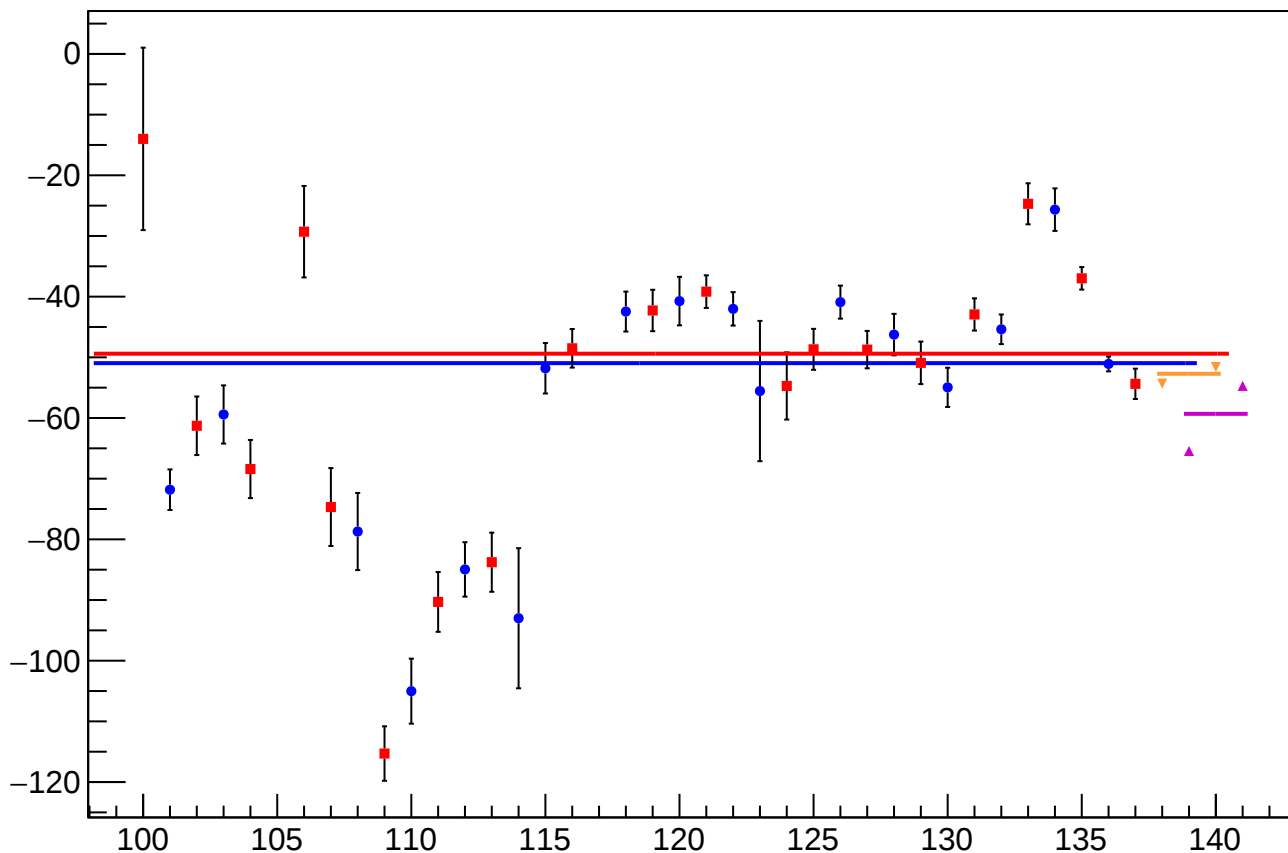
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.283 ± 0.292 χ^2/NDF : 2019.5/18

Out: 5.733 ± 0.285 χ^2/NDF : 1530.6/20

All: 5.514 ± 0.204 χ^2/NDF : 3551.3/39

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: -52.712 ± 0.469 χ^2/NDF : 8.2/1

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: -55.746 ± 0.345 χ^2/NDF : 207.9/3

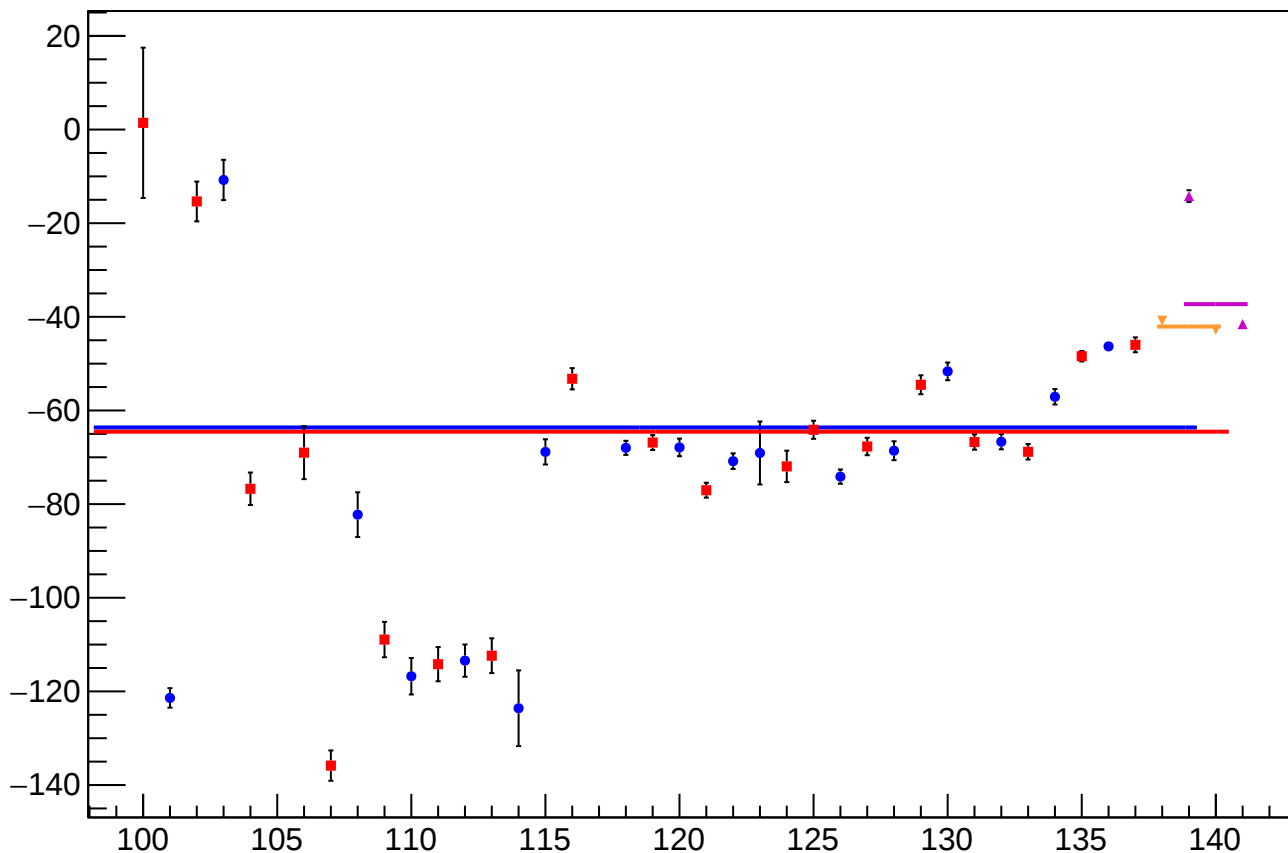
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -56.622 ± 0.419 χ^2/NDF : 527.5/18

Out: -51.859 ± 0.404 χ^2/NDF : 533.0/20

All: -54.156 ± 0.291 χ^2/NDF : 1127.3/39

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: -42.077 ± 0.450 χ^2/NDF : 4.3/1

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: -39.922 ± 0.334 χ^2/NDF : 452.7/3

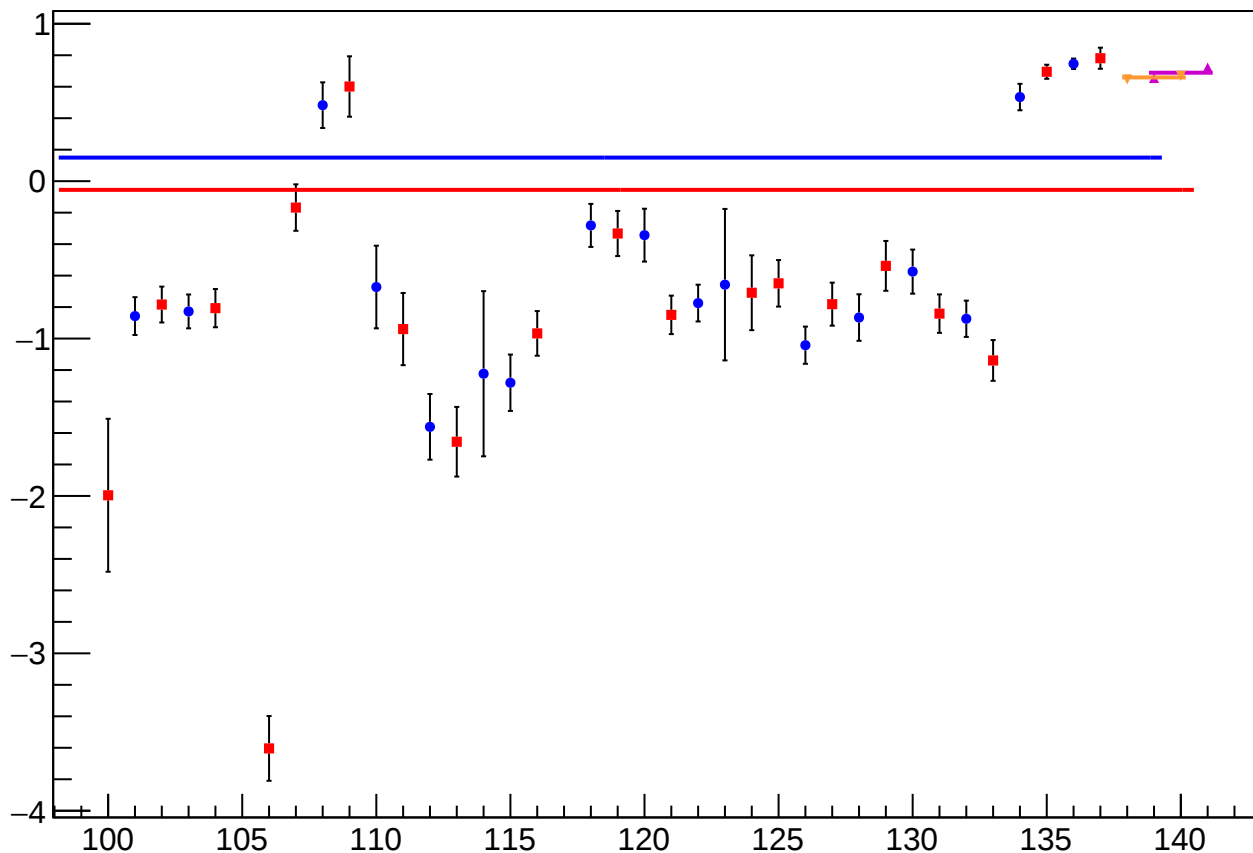
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -51.908 ± 0.332 χ^2/NDF : 3962.4/18

Out: -52.546 ± 0.329 χ^2/NDF : 2773.9/20

All: -52.230 ± 0.234 χ^2/NDF : 6738.2/39

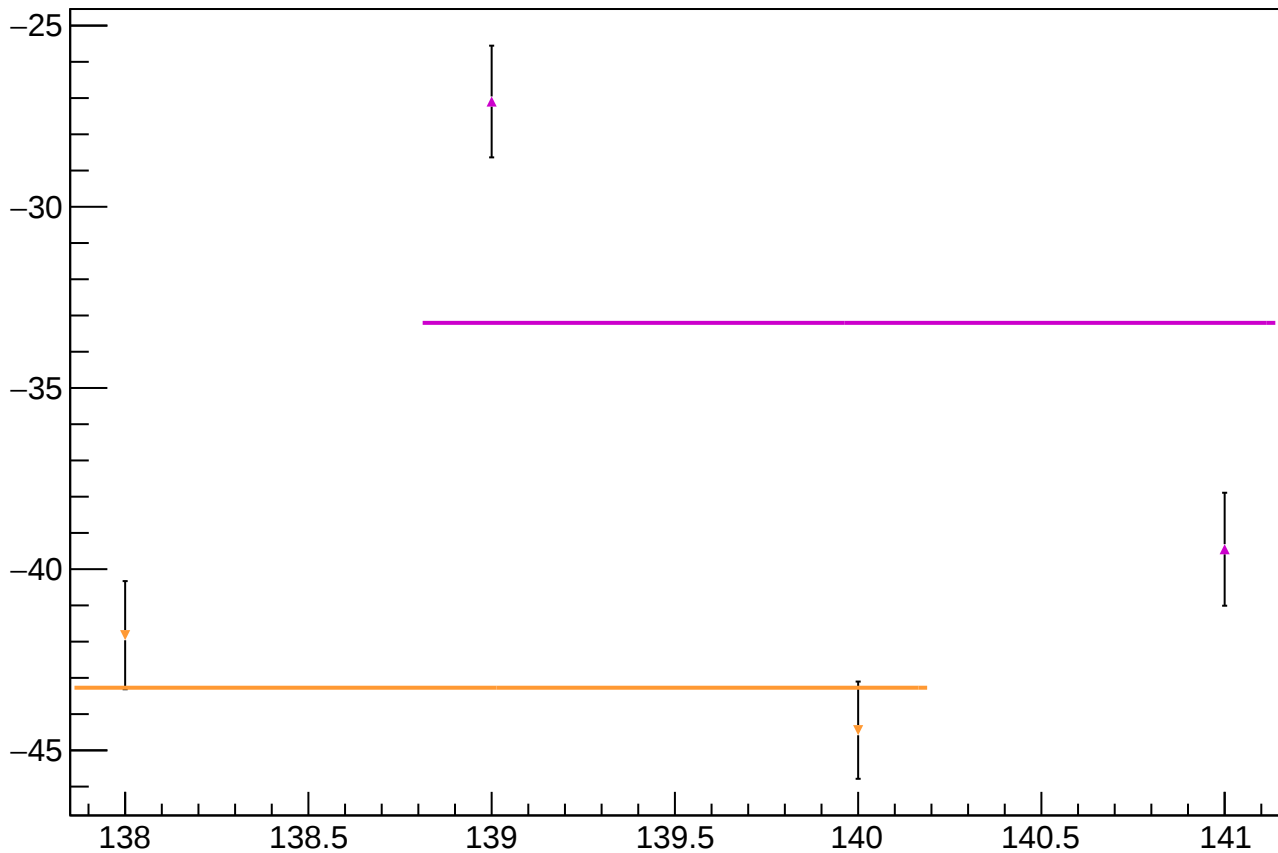
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.659 ± 0.020 χ^2/NDF : 0.3/1
 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: 0.674 ± 0.014 χ^2/NDF : 4.5/3
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.476 ± 0.015 χ^2/NDF : 1298.0/18
 Out: 0.401 ± 0.016 χ^2/NDF : 1645.0/20
 All: 0.440 ± 0.011 χ^2/NDF : 2955.0/39

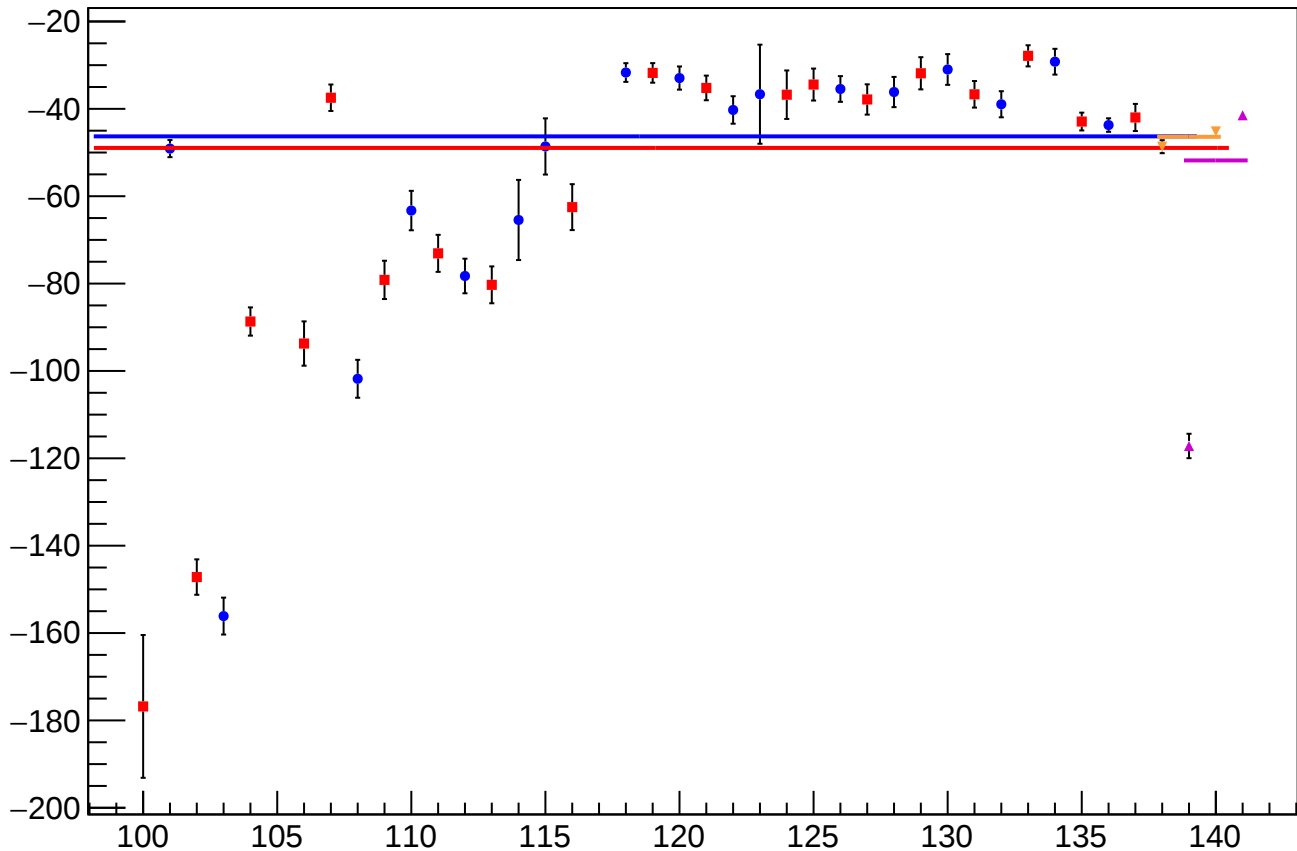
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -43.272 $\pm$ 0.998 χ^2/NDF : 1.7/1
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -33.203 $\pm$ 1.096 χ^2/NDF : 31.8/1

Left: -38.709 $\pm$ 0.738 χ^2/NDF : 79.6/3
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -33.203 $\pm$ 1.096 χ^2/NDF : 31.8/1
 Out: -43.272 $\pm$ 0.998 χ^2/NDF : 1.7/1
 All: -38.709 $\pm$ 0.738 χ^2/NDF : 79.6/3

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -46.406 ± 0.883 χ^2/NDF : 3.6/1

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

Left In: -51.806 ± 1.032 χ^2/NDF : 634.8/1

Left: -48.690 ± 0.671 χ^2/NDF : 654.2/3

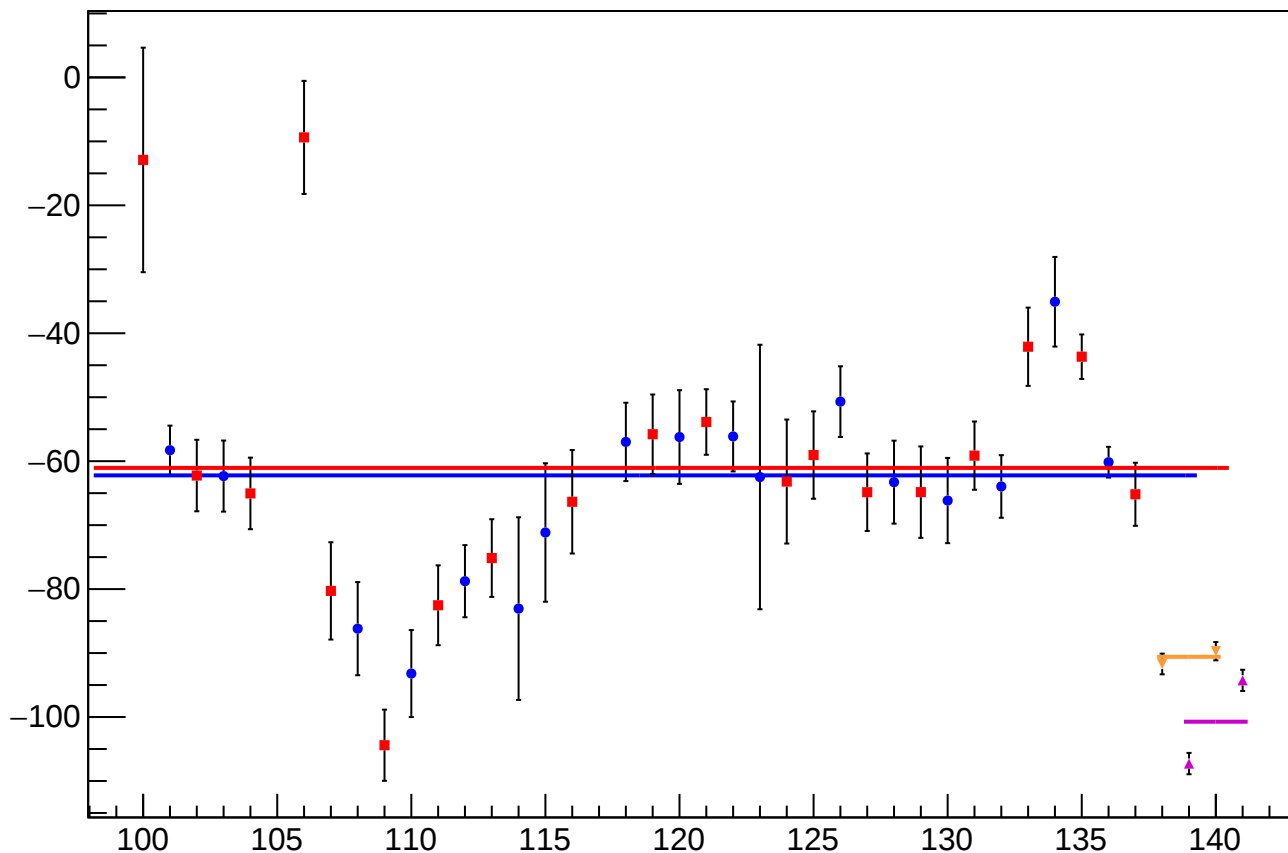
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -48.116 ± 0.592 χ^2/NDF : 1737.9/18

Out: -47.861 ± 0.577 χ^2/NDF : 1281.9/20

All: -47.985 ± 0.413 χ^2/NDF : 3019.9/39

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -90.585 ± 1.071 χ^2/NDF : 0.9/1

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -100.733 ± 1.176 χ^2/NDF : 30.6/1

Left: -95.187 ± 0.792 χ^2/NDF : 72.2/3

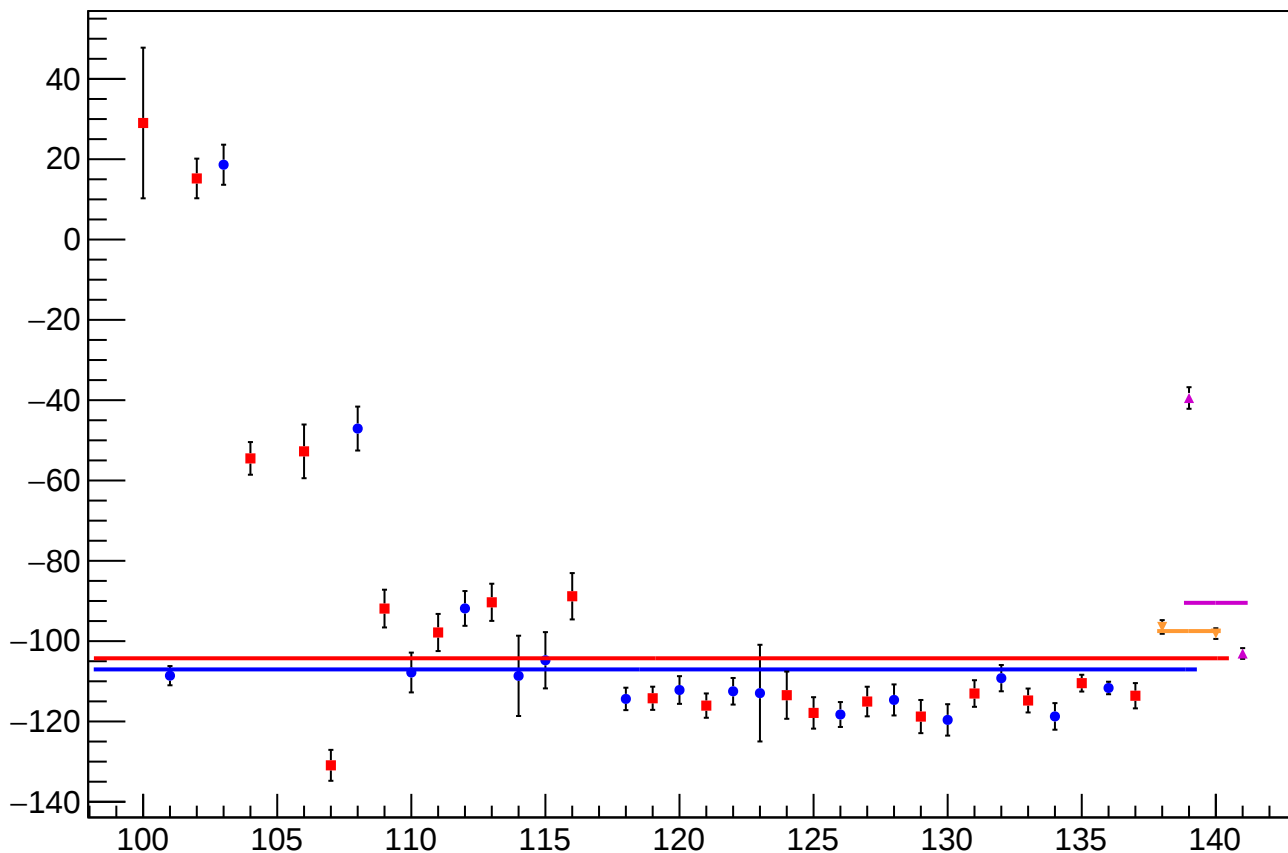
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -83.578 ± 0.875 χ^2/NDF : 576.0/18

Out: -79.470 ± 0.846 χ^2/NDF : 453.1/20

All: -81.453 ± 0.608 χ^2/NDF : 1040.5/39

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -94.447 ± 0.788 $\chi^2/\text{NDF}: 468.9/3$

Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -101.815 ± 0.672 $\chi^2/\text{NDF}: 1407.9/18$

Out: -101.540 ± 0.664 $\chi^2/\text{NDF}: 1043.6/20$

All: -101.676 ± 0.473 $\chi^2/\text{NDF}: 2451.6/39$

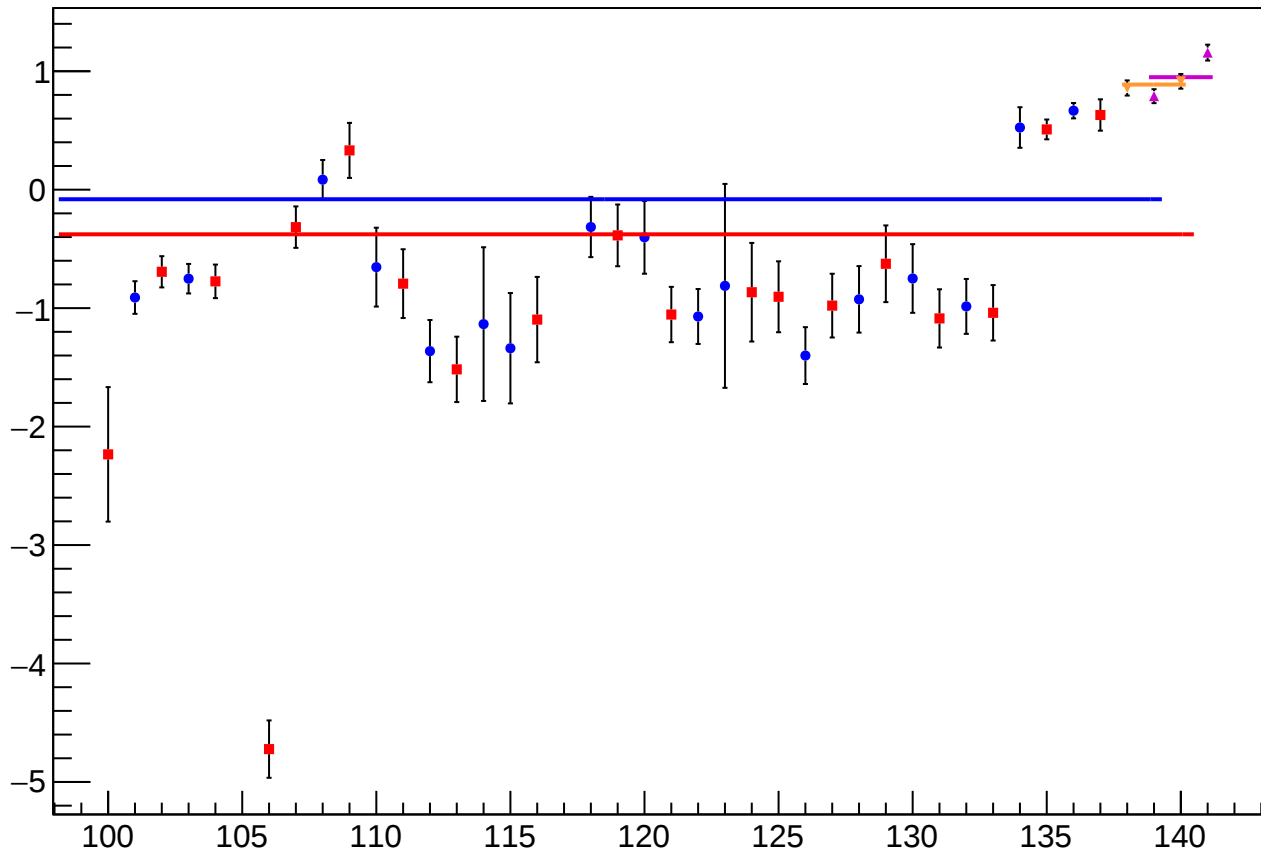
Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -97.494 ± 1.047 $\chi^2/\text{NDF}: 0.6/1$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -90.462 ± 1.197 $\chi^2/\text{NDF}: 448.8/1$

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: 0.887 ± 0.045 χ^2/NDF : 0.4/1

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: 0.919 ± 0.031 χ^2/NDF : 18.4/3

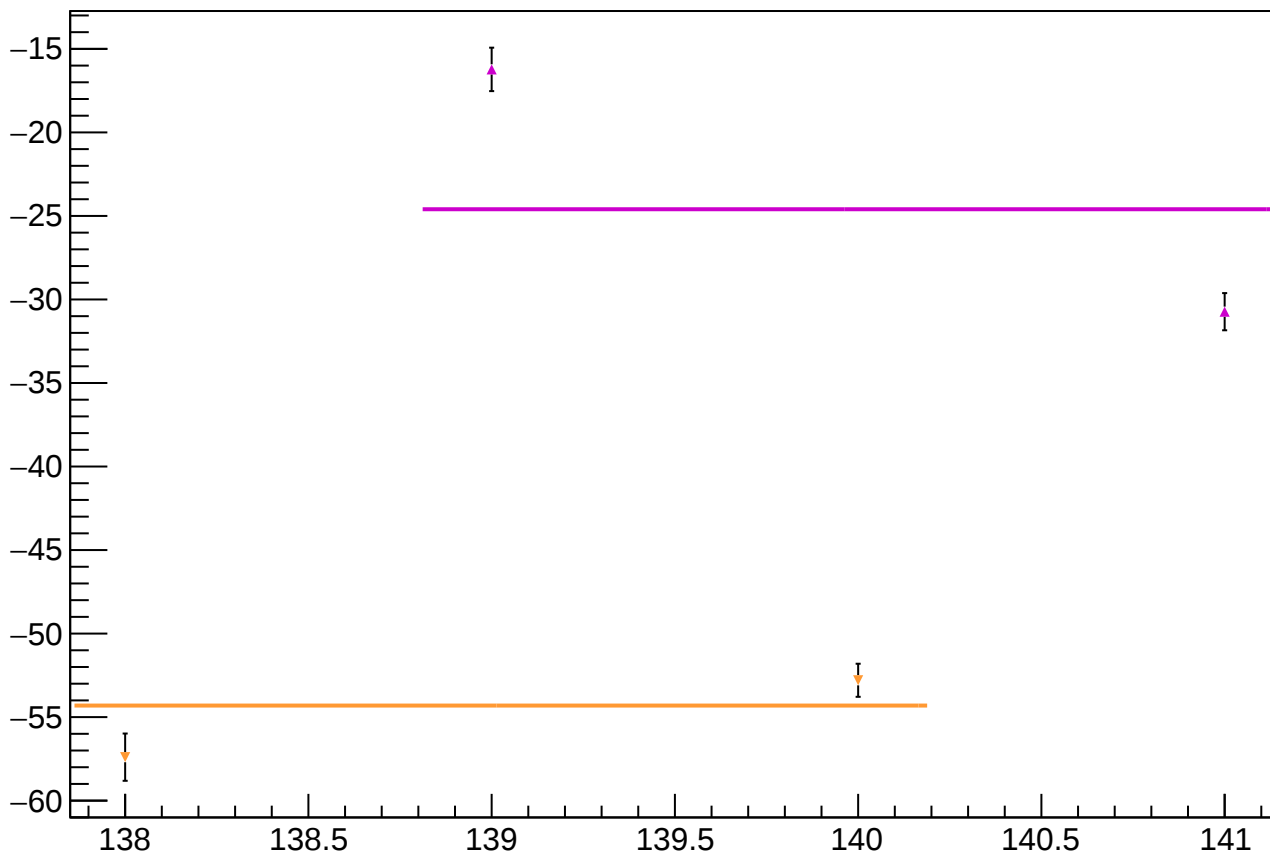
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.410 ± 0.031 χ^2/NDF : 630.1/18

Out: 0.245 ± 0.031 χ^2/NDF : 992.5/20

All: 0.330 ± 0.022 χ^2/NDF : 1636.8/39

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: -54.309+/-0.811 χ^2/NDF : 7.1/1

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: -40.067+/-0.585 χ^2/NDF : 721.9/3

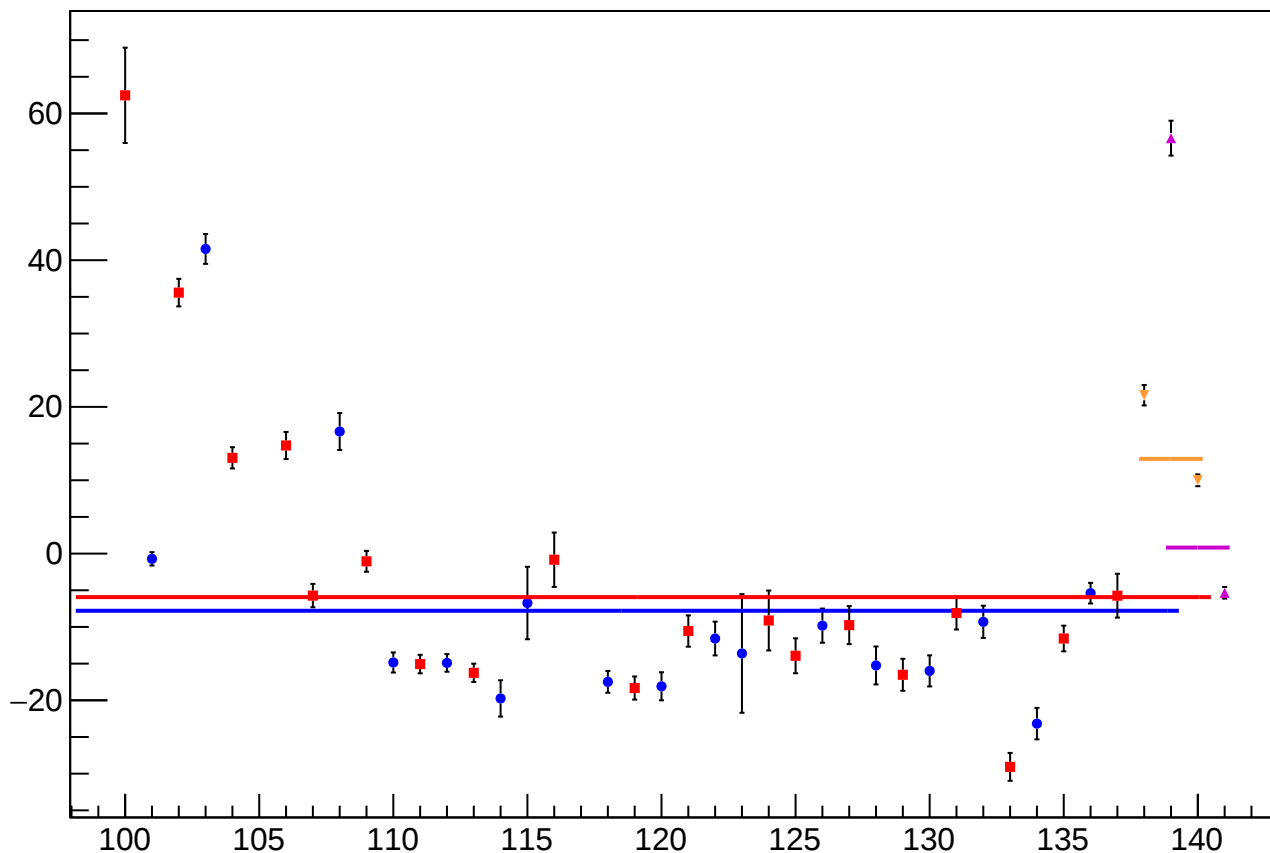
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.599+/-0.845 χ^2/NDF : 71.8/1

Out: -54.309+/-0.811 χ^2/NDF : 7.1/1

All: -40.067+/-0.585 χ^2/NDF : 721.9/3

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: 12.913 ± 0.699 χ^2/NDF : 51.8/1

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: 0.824 ± 0.751 χ^2/NDF : 610.4/1

Left: 7.299 ± 0.512 χ^2/NDF : 801.0/3

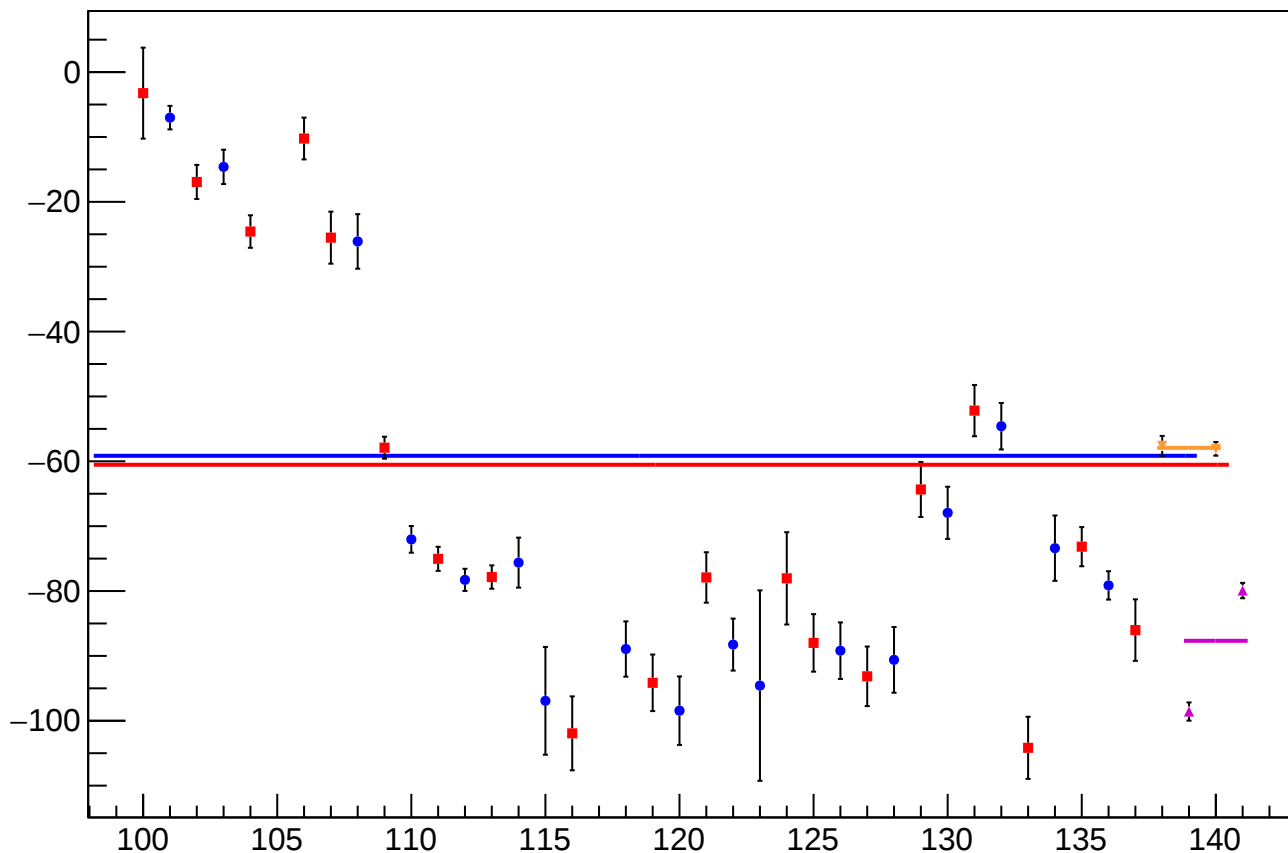
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -5.681 ± 0.372 χ^2/NDF : 1692.5/18

Out: -0.780 ± 0.366 χ^2/NDF : 1873.9/20

All: -3.189 ± 0.261 χ^2/NDF : 3654.8/39

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: -57.929 ± 0.869 χ^2/NDF : 0.1/1

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: -72.196 ± 0.627 χ^2/NDF : 665.1/3

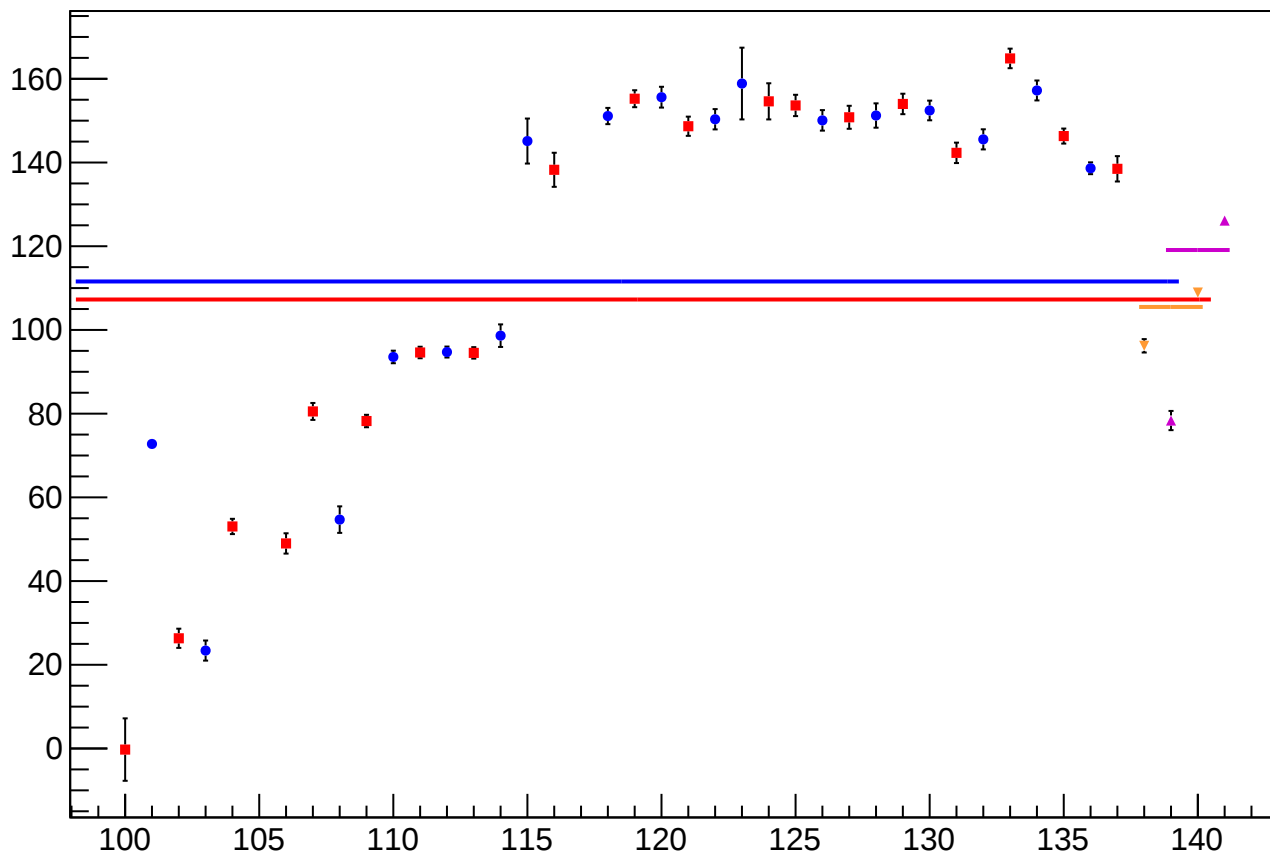
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -70.675 ± 0.575 χ^2/NDF : 2413.3/18

Out: -59.499 ± 0.547 χ^2/NDF : 1390.7/20

All: -64.806 ± 0.396 χ^2/NDF : 4002.2/39

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 105.491 $\pm$ 0.834 χ^2 /NDF:46.0/1

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 119.099 $\pm$ 0.880 χ^2 /NDF:369.5/1

Left: 111.927 $\pm$ 0.605 χ^2 /NDF: 541.5/3

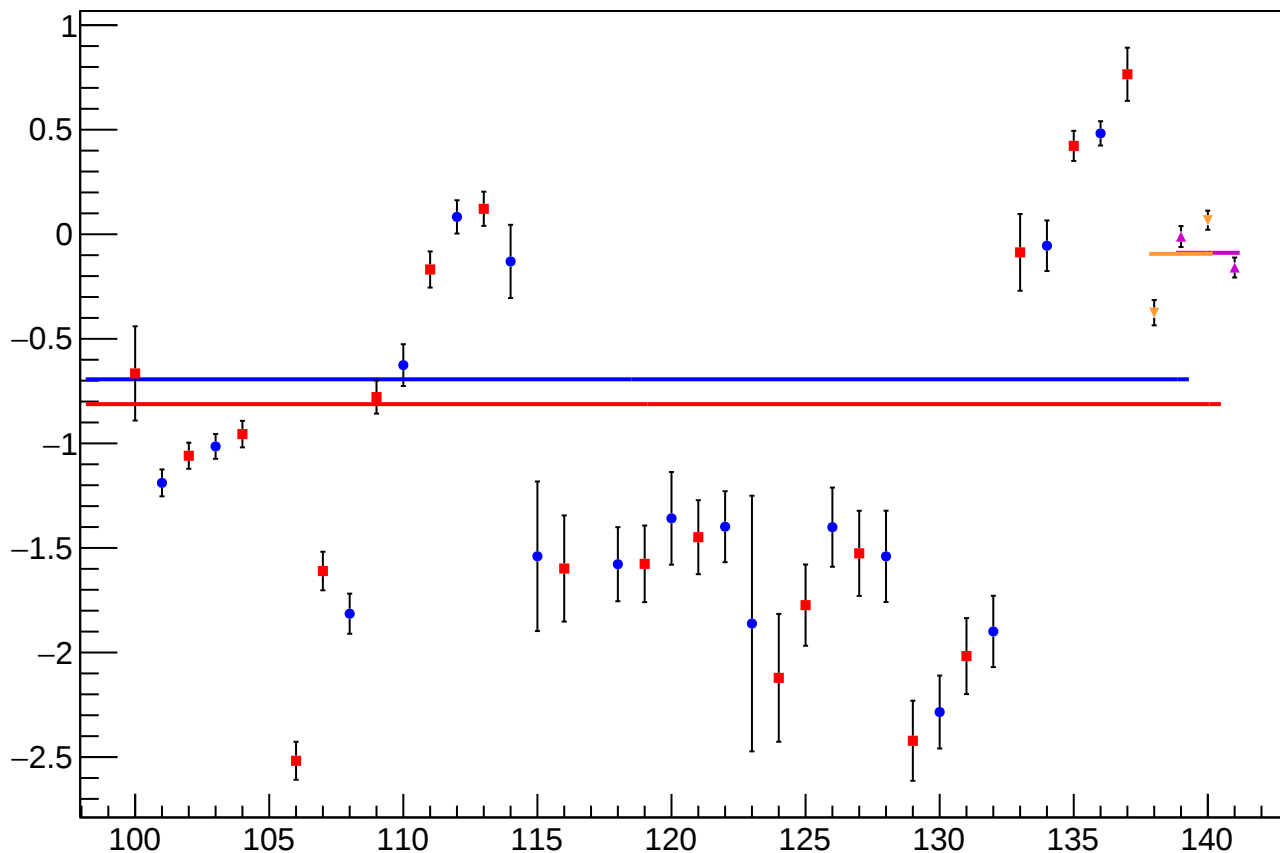
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 113.345 $\pm$ 0.426 χ^2 /NDF:6371.4/18

Out: 106.819 $\pm$ 0.421 χ^2 /NDF:7094.3/20

All: 110.039 $\pm$ 0.300 χ^2 /NDF: 13584.2/39

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: -0.094 ± 0.037 χ^2/NDF : 33.9/1

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: -0.091 ± 0.025 χ^2/NDF : 38.5/3

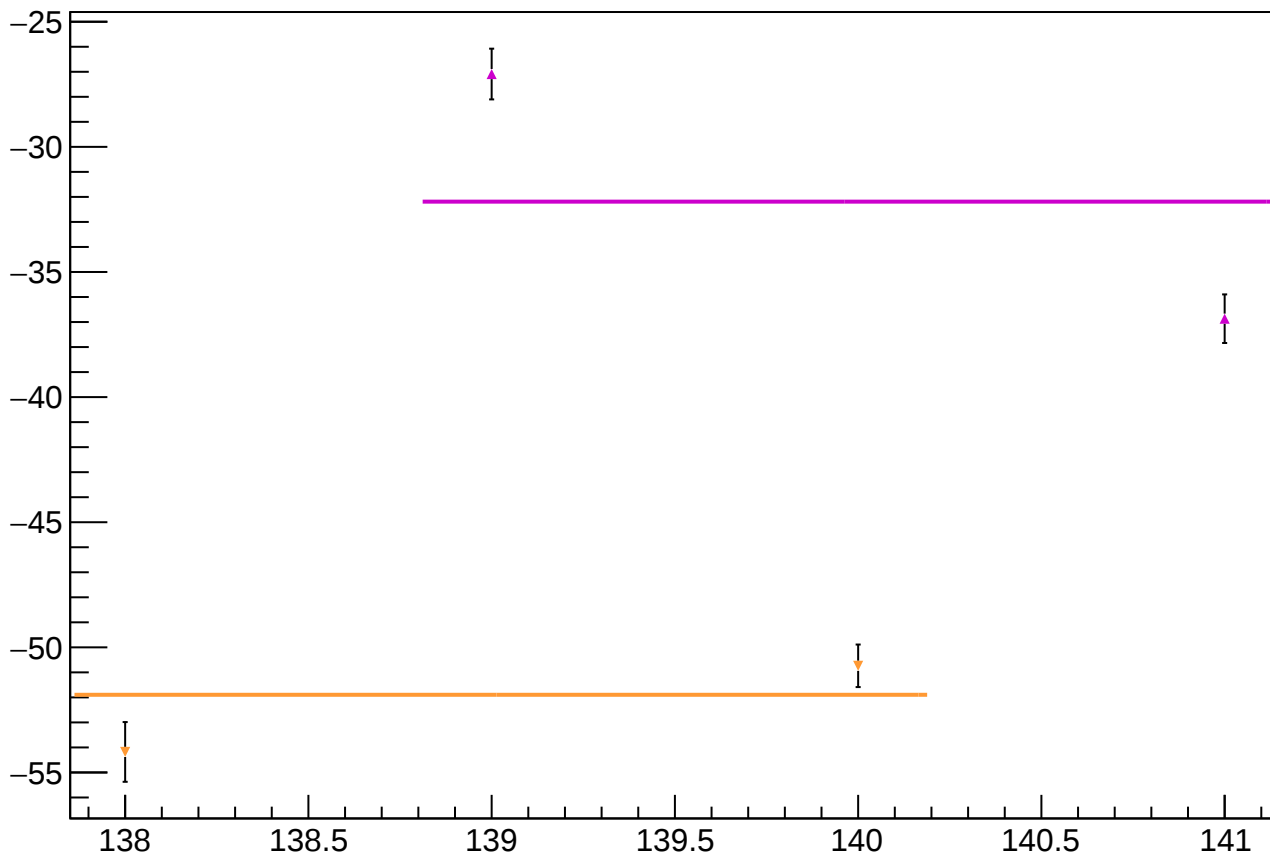
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.477 ± 0.021 χ^2/NDF : 1191.6/18

Out: -0.591 ± 0.020 χ^2/NDF : 1611.3/20

All: -0.535 ± 0.014 χ^2/NDF : 2818.4/39

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: -51.896+/-0.692 χ^2/NDF : 5.5/1

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: -42.167+/-0.493 χ^2/NDF : 454.0/3

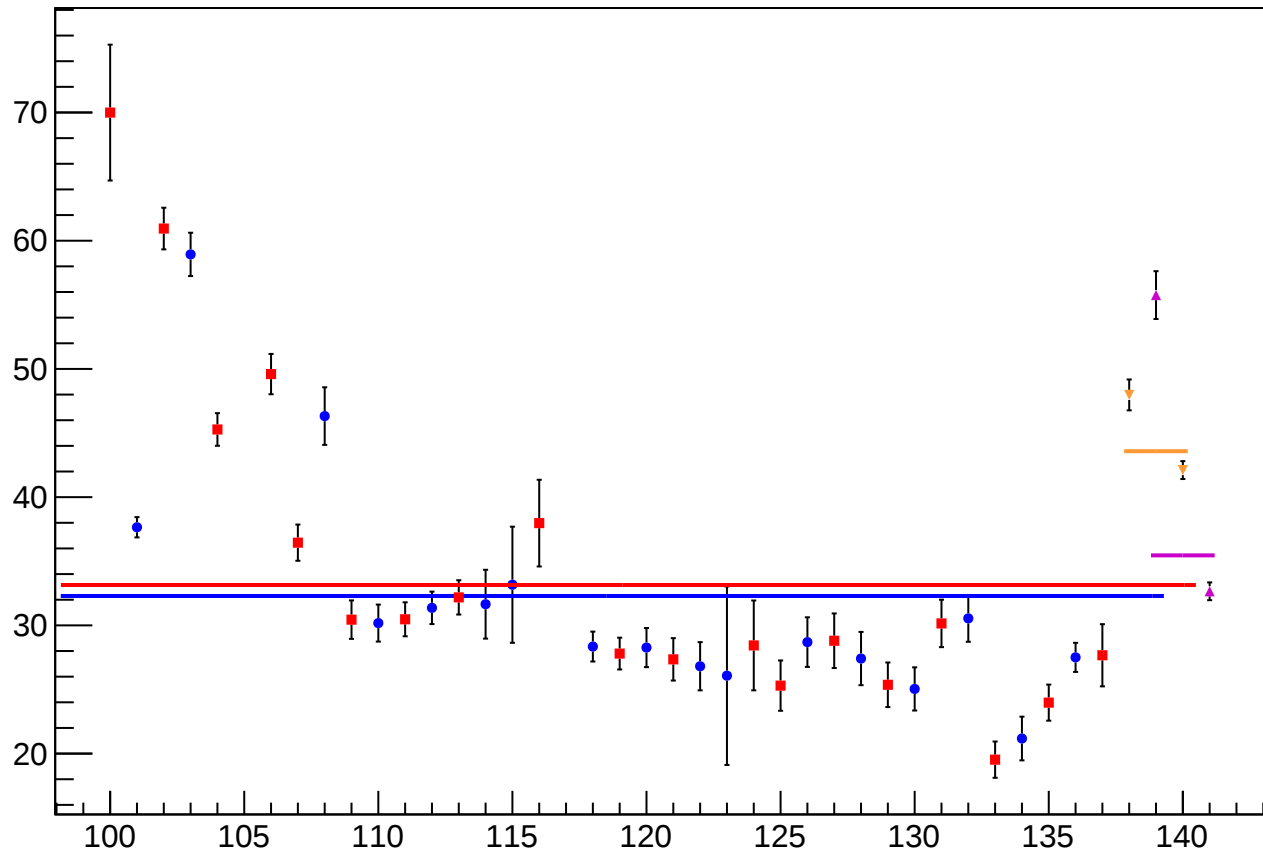
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.189+/-0.701 χ^2/NDF : 48.5/1

Out: -51.896+/-0.692 χ^2/NDF : 5.5/1

All: -42.167+/-0.493 χ^2/NDF : 454.0/3

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 43.583+/-0.604 χ^2/NDF :17.7/1

Right Out: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 35.459+/-0.649 χ^2/NDF :134.8/1

Left: 39.818+/-0.442 χ^2/NDF : 236.5/3

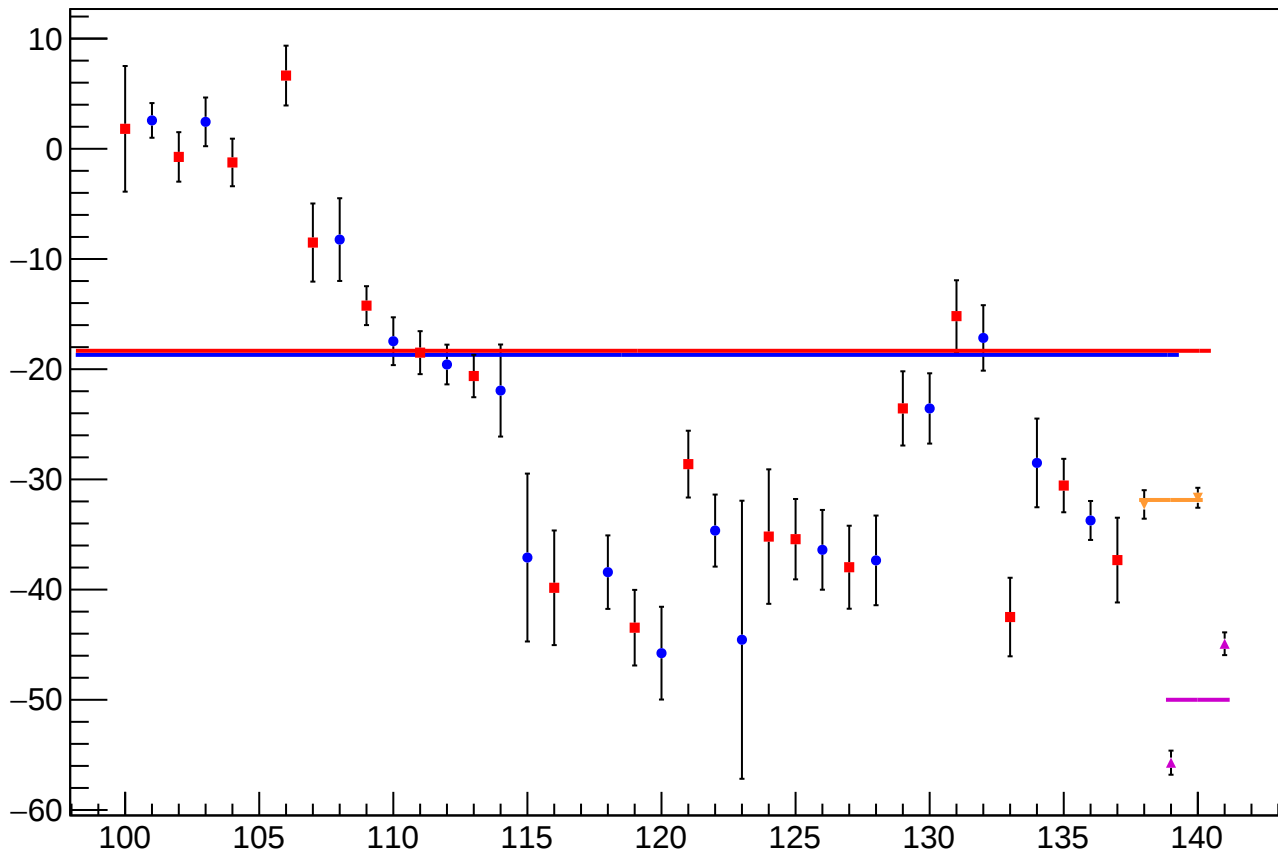
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 33.079+/-0.324 χ^2/NDF :605.2/18

Out: 36.097+/-0.321 χ^2/NDF :1004.8/20

All: 34.601+/-0.228 χ^2/NDF : 1653.9/39

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: -31.867+/-0.742 χ^2/NDF : 0.1/1

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: -40.822+/-0.528 χ^2/NDF : 346.7/3

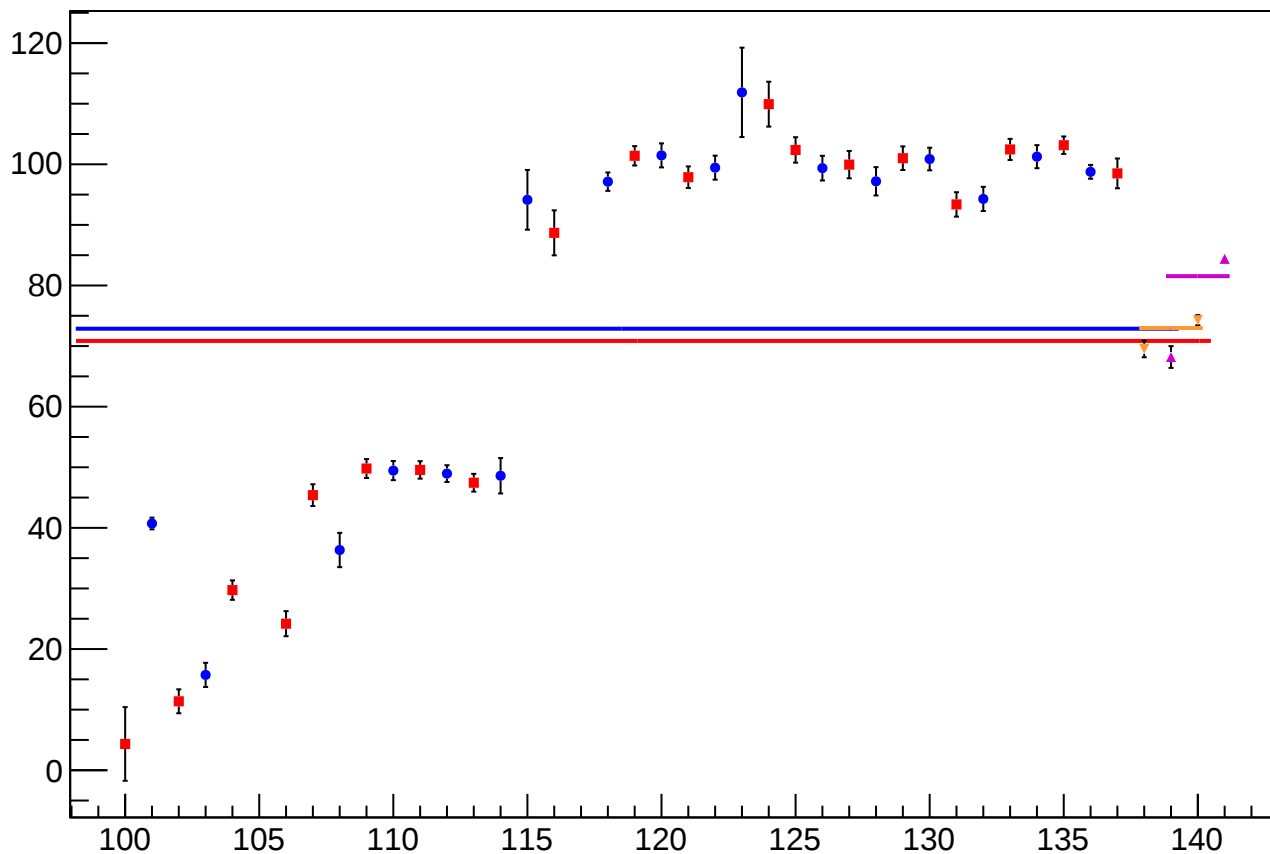
Right: -18.508+/-0.463 χ^2/NDF : 993.2/35

In: -32.492+/-0.498 χ^2/NDF : 1542.3/18

Out: -24.141+/-0.486 χ^2/NDF : 664.1/20

All: -28.211+/-0.348 χ^2/NDF : 2350.3/39

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: 72.984 $\pm$ 0.718 χ^2 /NDF: 8.7/1

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: 77.041 $\pm$ 0.520 χ^2 /NDF: 142.8/3

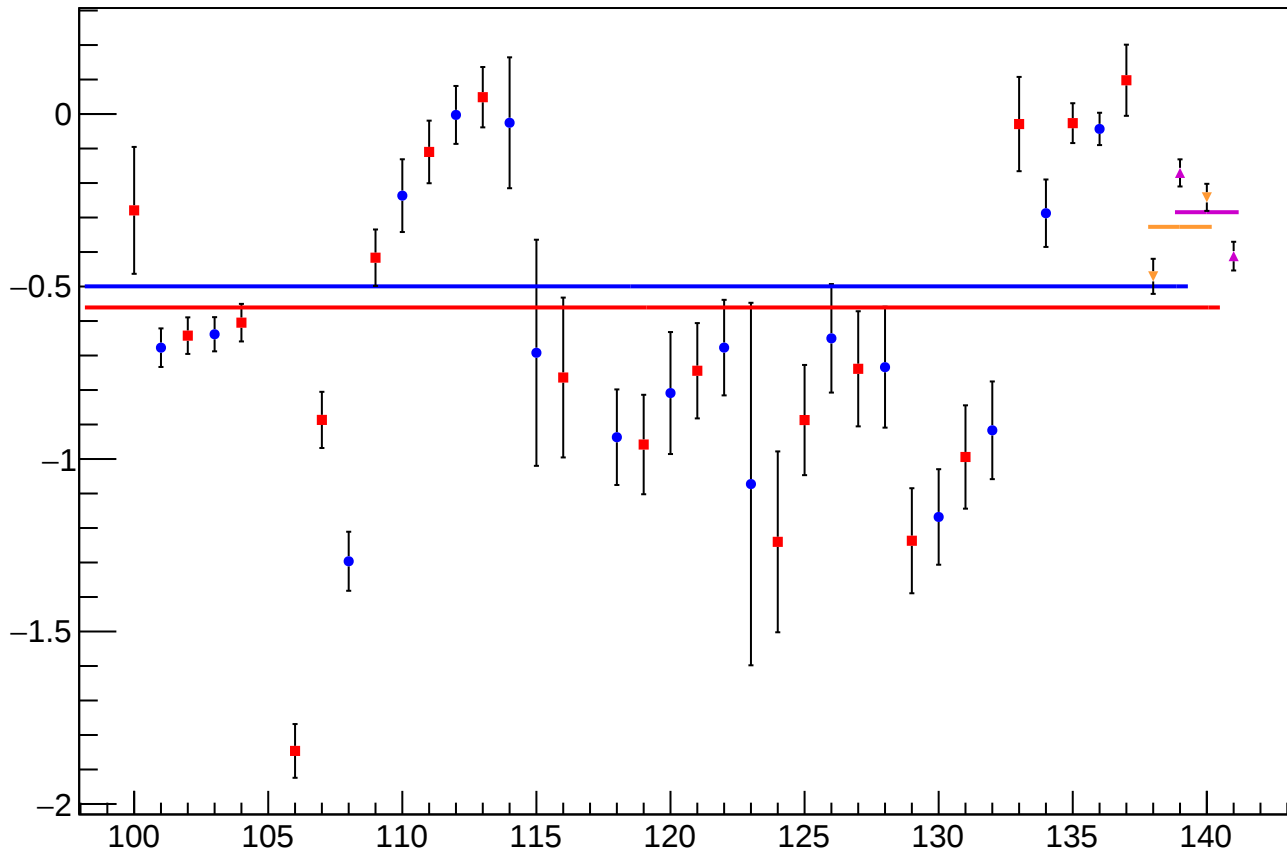
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 74.965 $\pm$ 0.371 χ^2 /NDF: 4893.7/18

Out: 71.420 $\pm$ 0.371 χ^2 /NDF: 5510.6/20

All: 73.189 $\pm$ 0.262 χ^2 /NDF: 10449.9/39

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: -0.327 ± 0.031 χ^2/NDF : 12.7/1

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: -0.304 ± 0.021 χ^2/NDF : 31.5/3

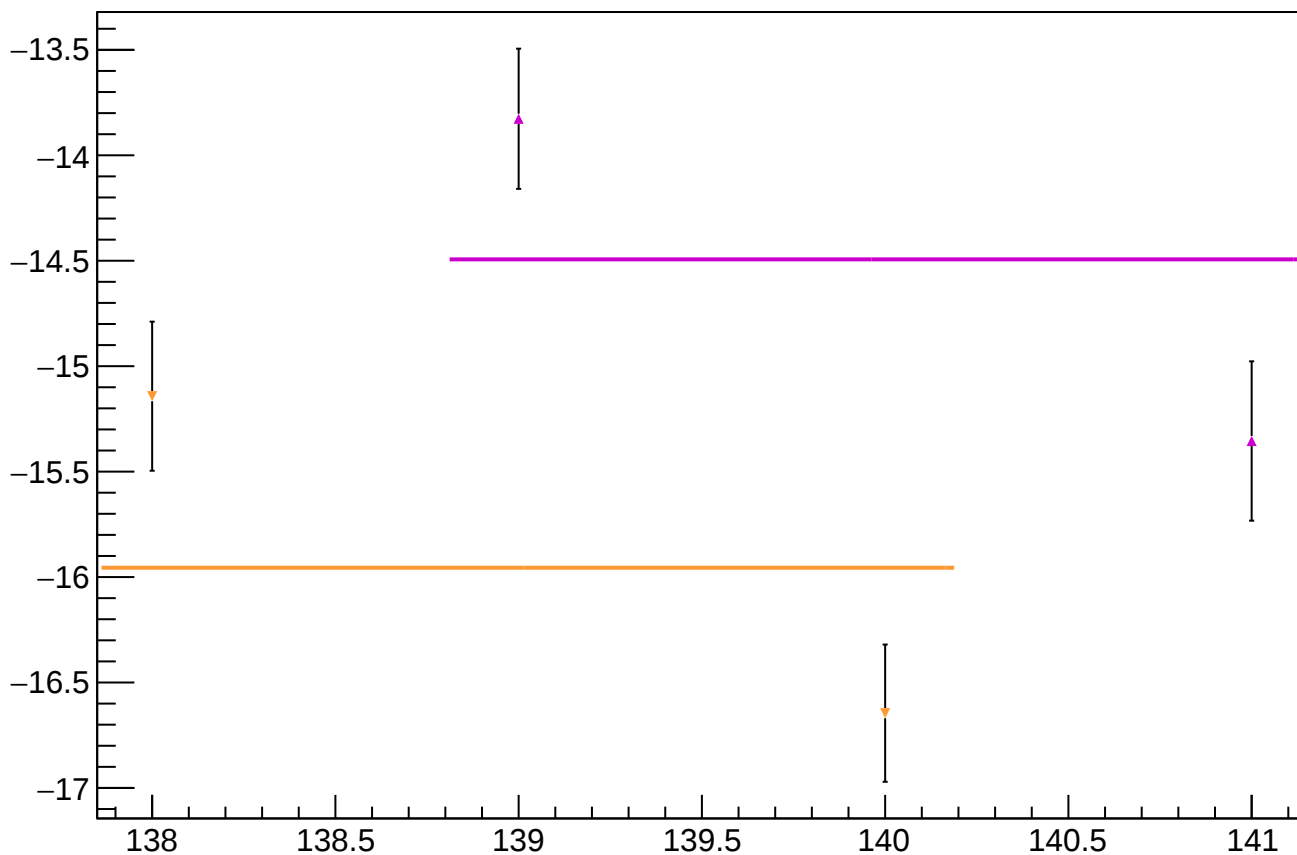
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.418 ± 0.018 χ^2/NDF : 355.5/18

Out: -0.485 ± 0.018 χ^2/NDF : 612.9/20

All: -0.452 ± 0.012 χ^2/NDF : 975.7/39

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: -15.956 ± 0.239 χ^2/NDF : 9.8/1

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: -15.255 ± 0.173 χ^2/NDF : 36.9/3

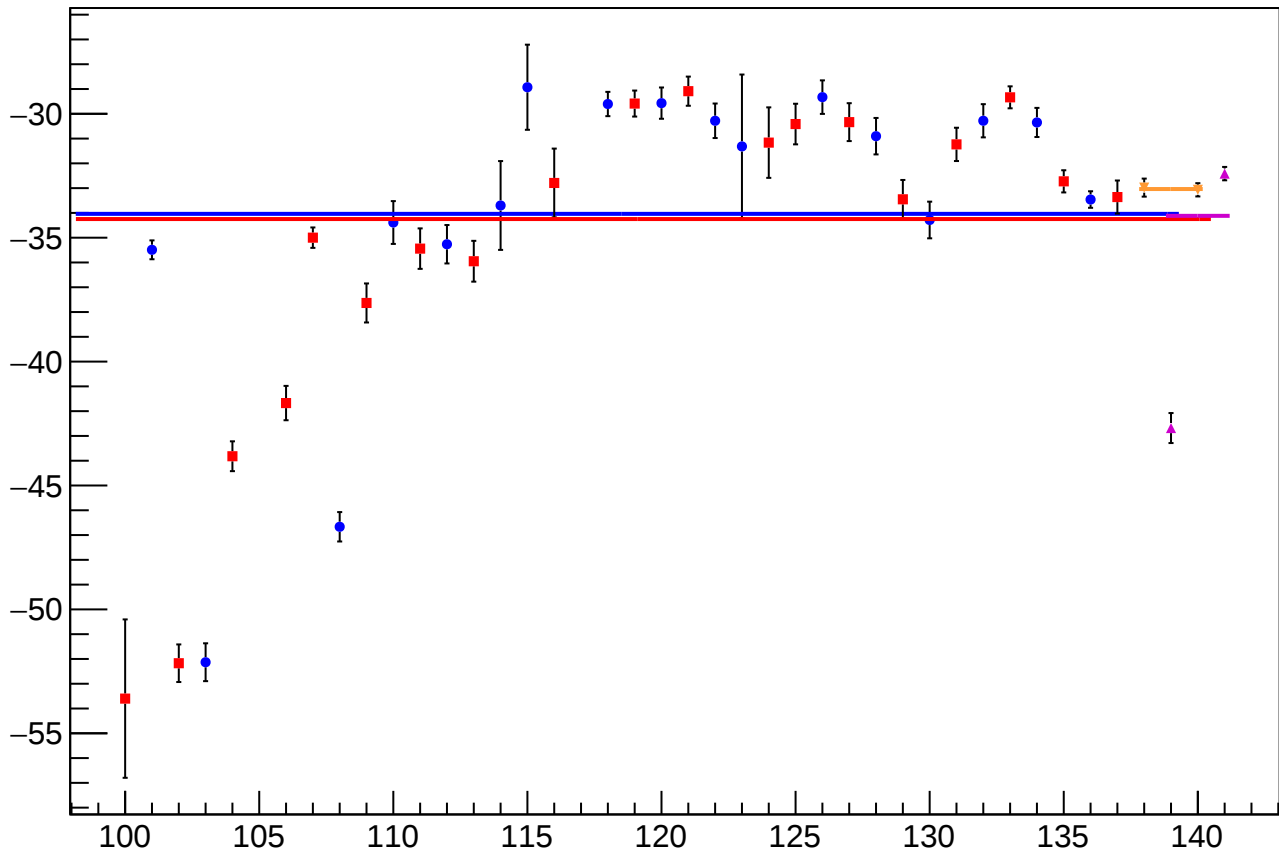
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -14.494 ± 0.250 χ^2/NDF : 9.2/1

Out: -15.956 ± 0.239 χ^2/NDF : 9.8/1

All: -15.255 ± 0.173 χ^2/NDF : 36.9/3

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: -33.036 ± 0.216 χ^2/NDF : 0.0/1

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: -33.505 ± 0.162 χ^2/NDF : 250.8/3

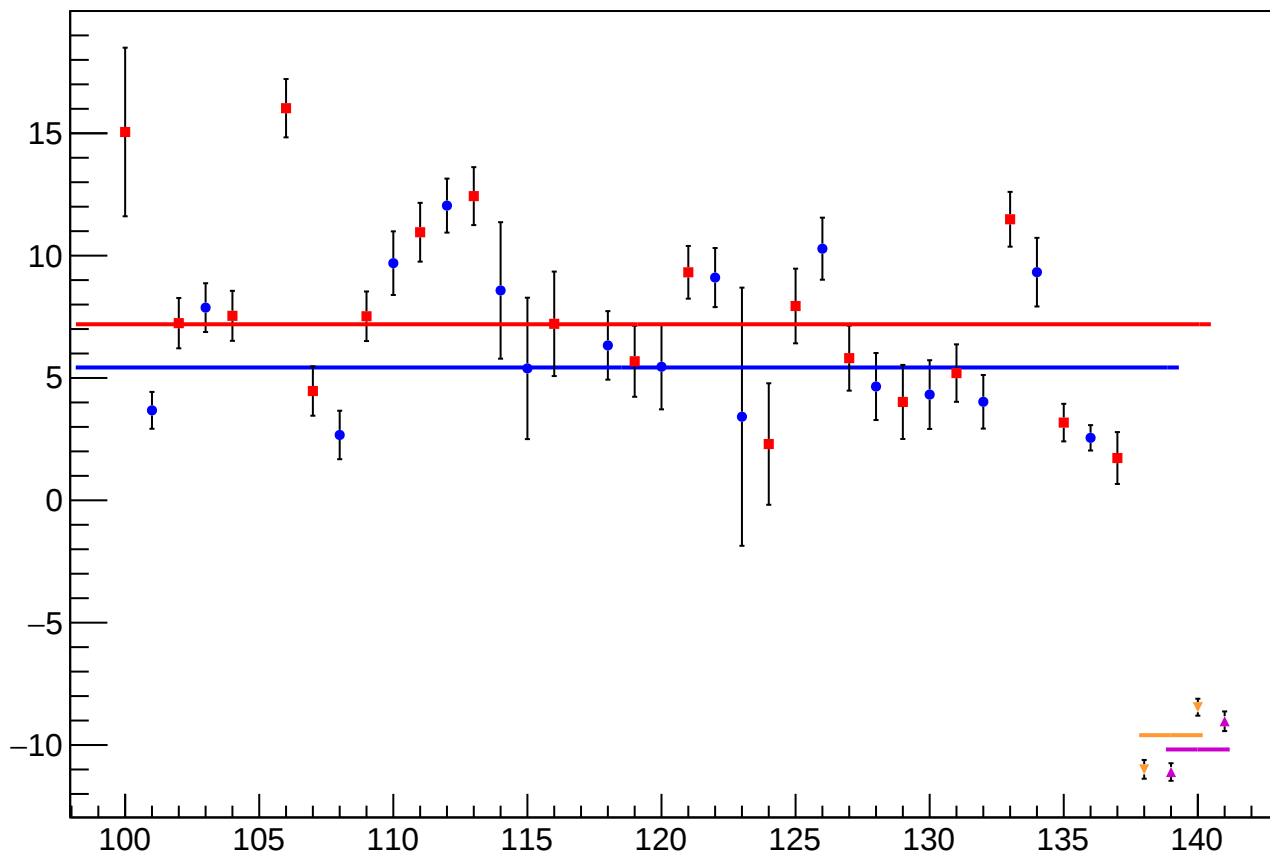
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -34.060 ± 0.129 χ^2/NDF : 1582.9/18

Out: -33.850 ± 0.123 χ^2/NDF : 1378.7/20

All: -33.951 ± 0.089 χ^2/NDF : 2963.0/39

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: -9.597 ± 0.257 χ^2/NDF : 24.1/1

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: -9.878 ± 0.185 χ^2/NDF : 41.4/3

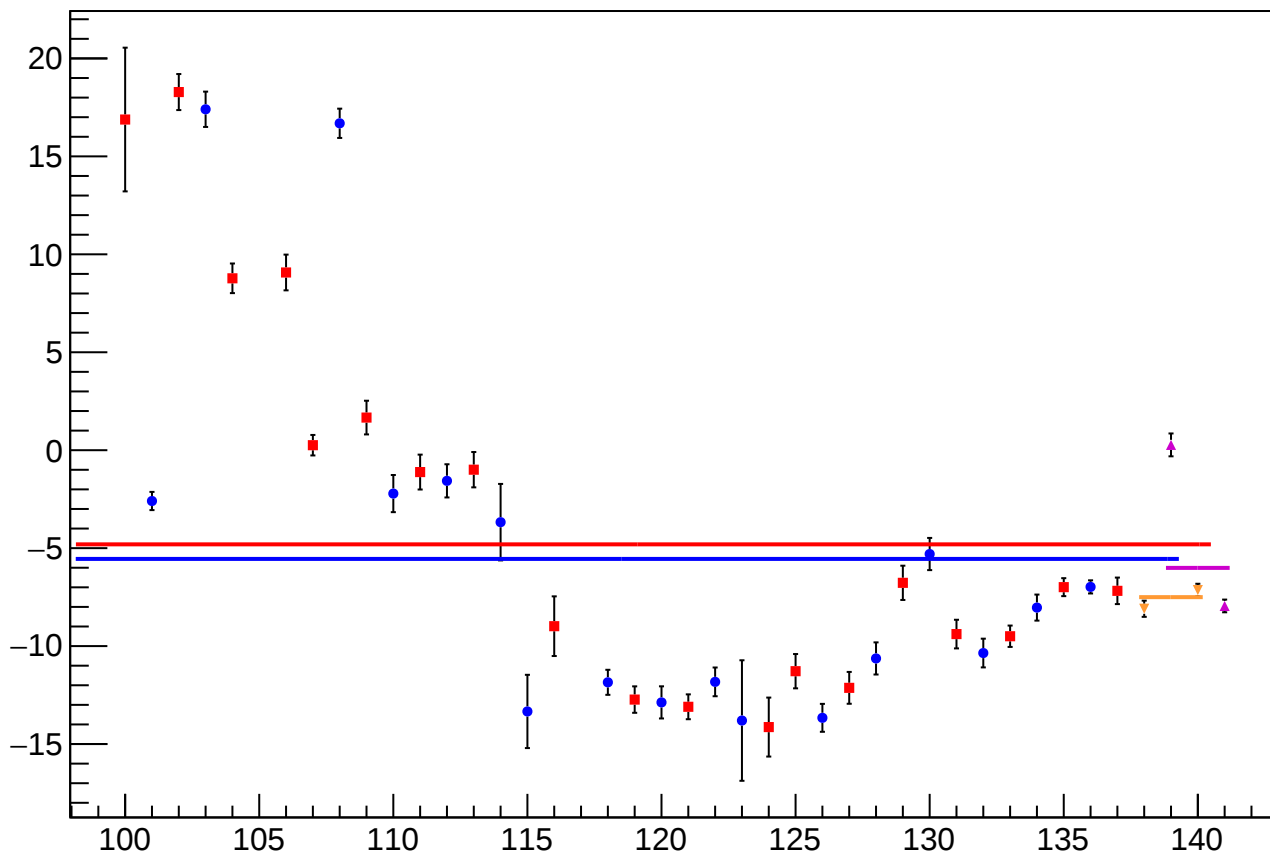
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -2.436 ± 0.190 χ^2/NDF : 1833.1/18

Out: -1.737 ± 0.188 χ^2/NDF : 2203.9/20

All: -2.082 ± 0.134 χ^2/NDF : 4043.8/39

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: -7.502 ± 0.254 χ^2/NDF : 3.3/1

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: -6.836 ± 0.189 χ^2/NDF : 170.4/3

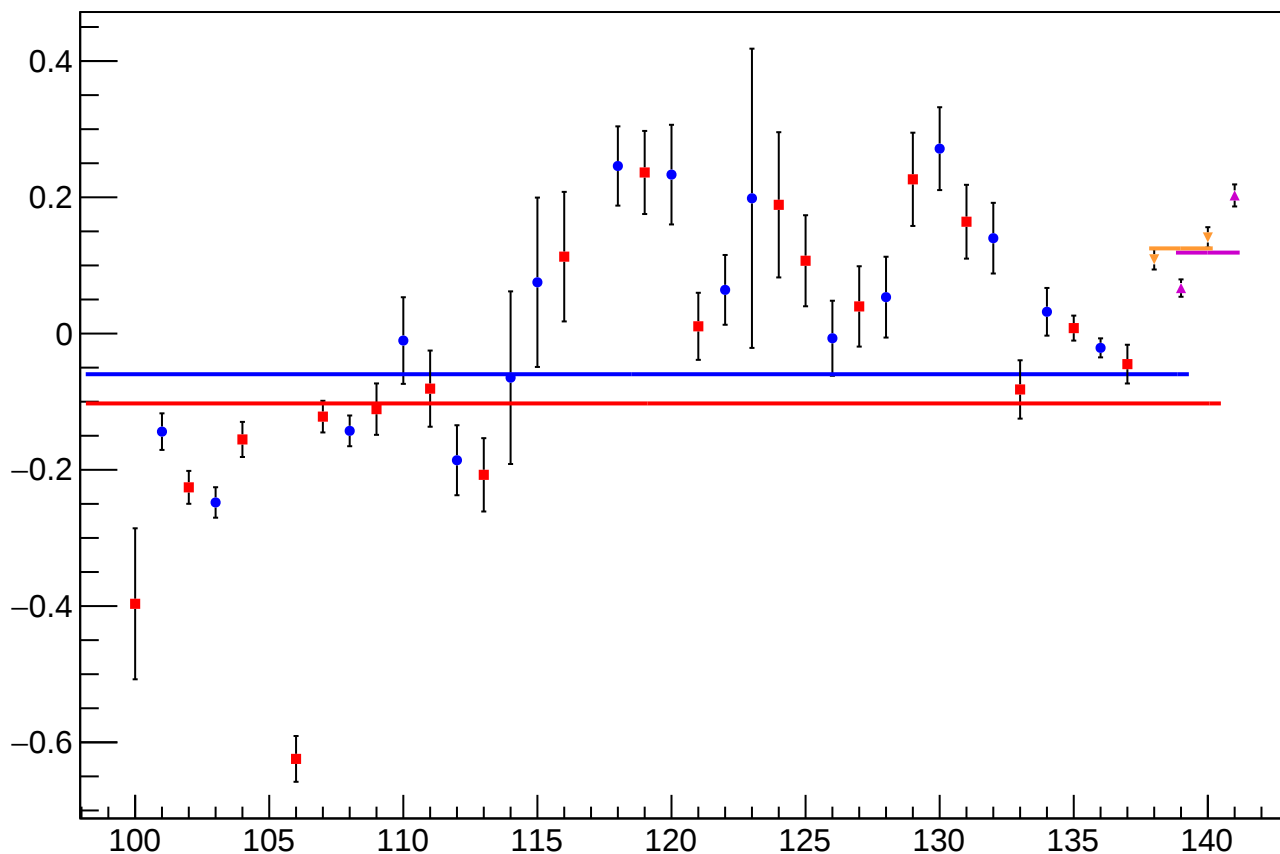
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.671 ± 0.146 χ^2/NDF : 2280.2/18

Out: -5.657 ± 0.143 χ^2/NDF : 2128.4/20

All: -5.664 ± 0.102 χ^2/NDF : 4408.5/39

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: 0.125 ± 0.011 χ^2/NDF : 2.3/1

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: 0.122 ± 0.007 χ^2/NDF : 46.0/3

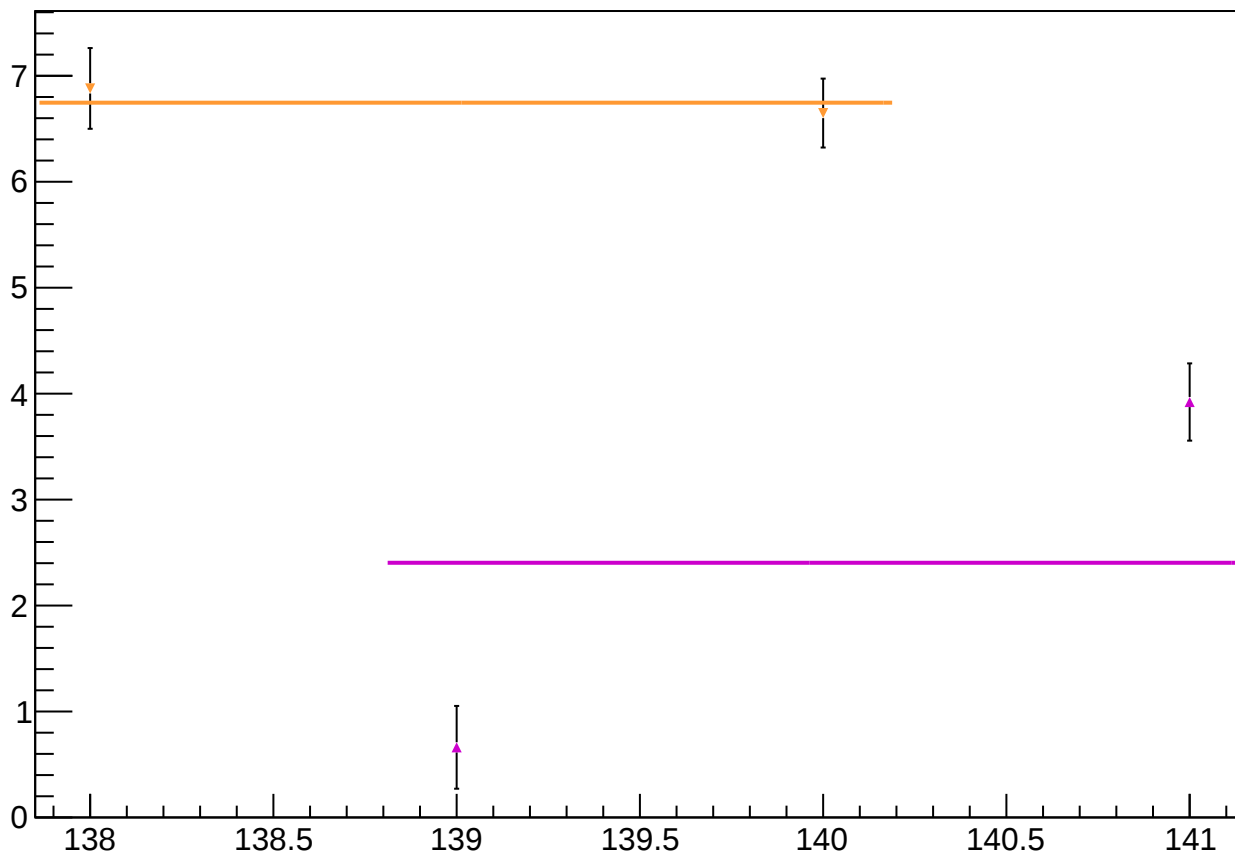
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.014 ± 0.006 χ^2/NDF : 446.6/18

Out: -0.015 ± 0.007 χ^2/NDF : 719.9/20

All: -0.000 ± 0.005 χ^2/NDF : 1176.2/39

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: 6.746+/-0.247 χ^2/NDF :0.2/1

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: 4.737+/-0.181 χ^2/NDF : 180.0/3

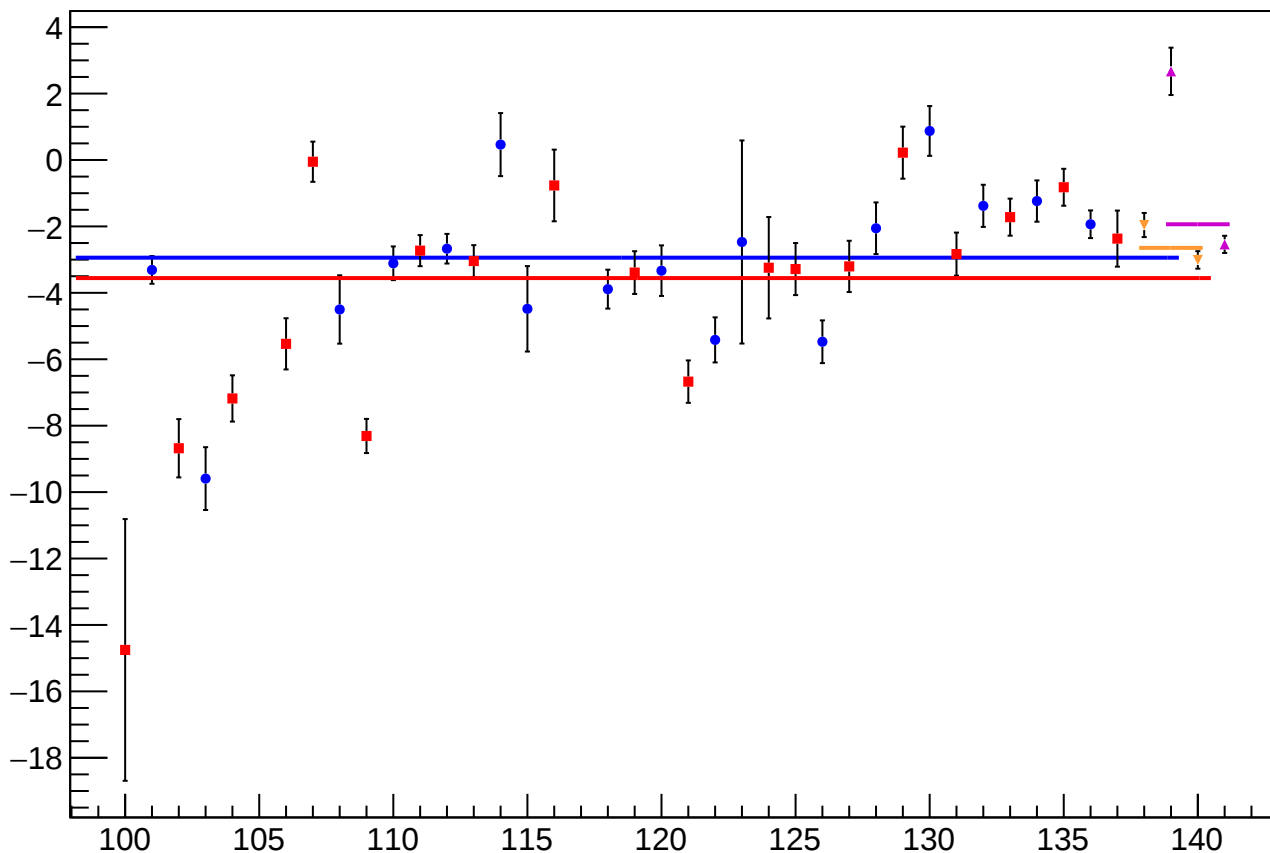
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.404+/-0.267 χ^2/NDF :37.2/1

Out: 6.746+/-0.247 χ^2/NDF :0.2/1

All: 4.737+/-0.181 χ^2/NDF : 180.0/3

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: -2.646 ± 0.214 χ^2/NDF : 5.5/1

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: -2.336 ± 0.160 χ^2/NDF : 57.5/3

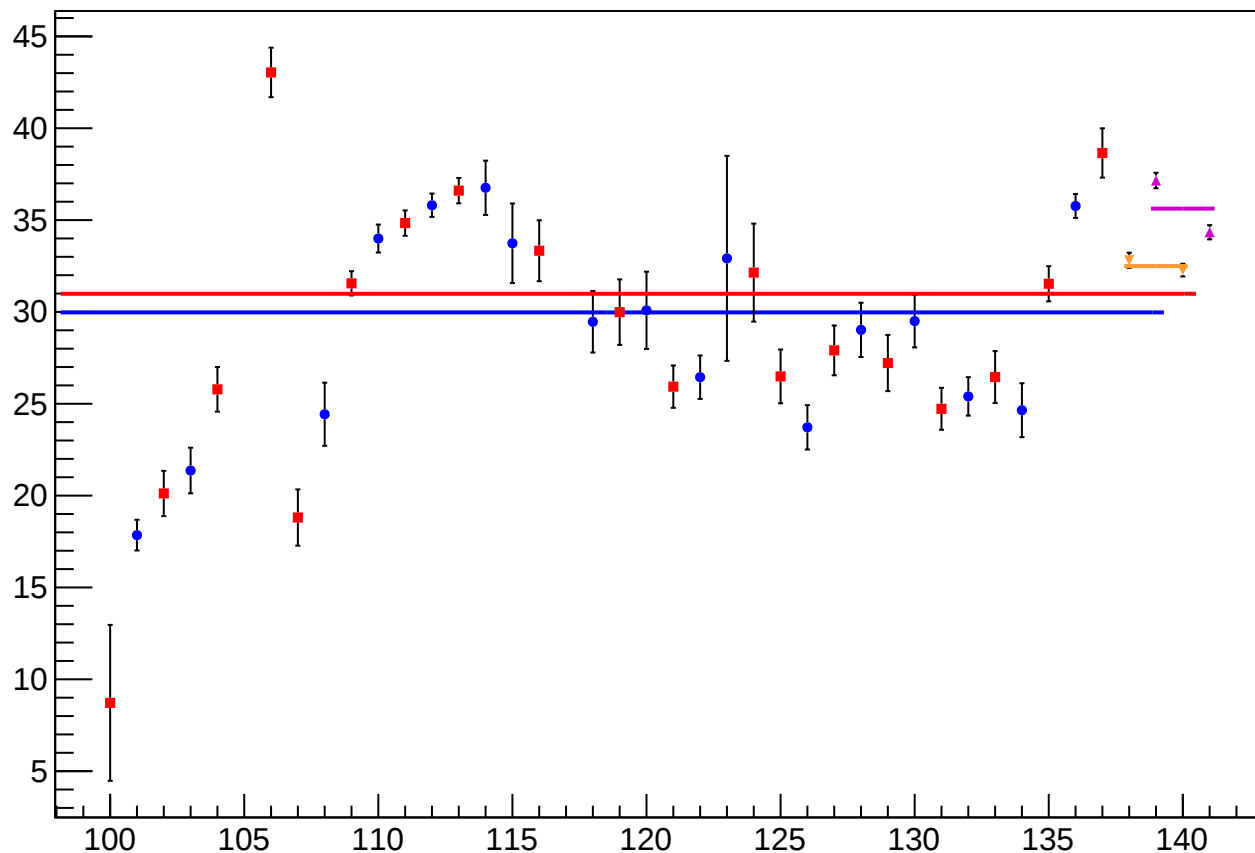
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.652 ± 0.130 χ^2/NDF : 205.0/18

Out: -3.243 ± 0.125 χ^2/NDF : 309.0/20

All: -2.959 ± 0.090 χ^2/NDF : 524.7/39

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 32.497 $\pm$ 0.265 χ^2 /NDF:1.0/1

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 35.626 $\pm$ 0.286 χ^2 /NDF:24.1/1

Left: 33.947 $\pm$ 0.194 χ^2 /NDF: 89.6/3

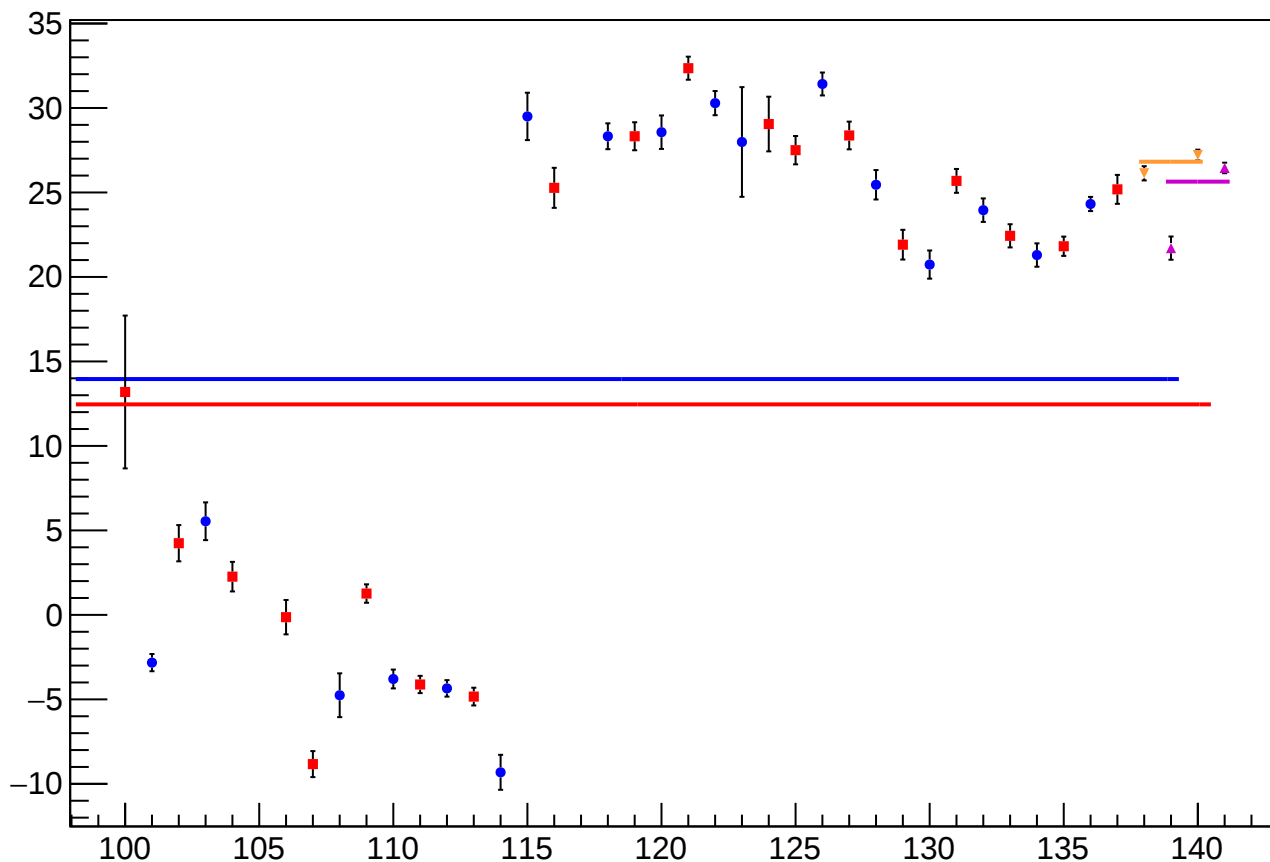
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 32.613 $\pm$ 0.195 χ^2 /NDF:787.0/18

Out: 31.727 $\pm$ 0.186 χ^2 /NDF:498.5/20

All: 32.148 $\pm$ 0.135 χ^2 /NDF: 1296.3/39

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: 26.820 $\pm$ 0.255 χ^2 /NDF:4.2/1

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: 26.294 $\pm$ 0.190 χ^2 /NDF: 53.3/3

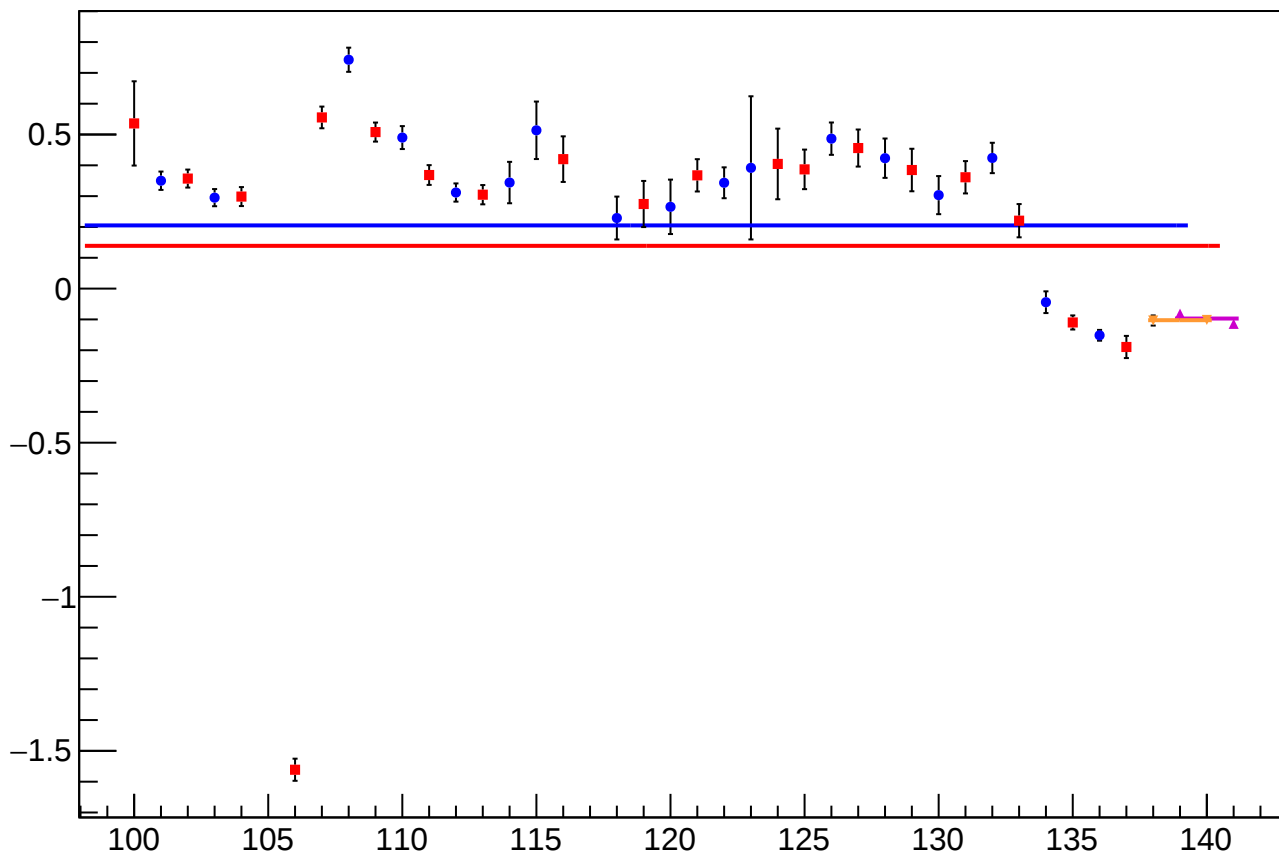
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 17.101 $\pm$ 0.147 χ^2 /NDF:8625.7/18

Out: 17.016 $\pm$ 0.143 χ^2 /NDF:9156.1/20

All: 17.058 $\pm$ 0.103 χ^2 /NDF: 17781.9/39

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: -0.103 $\pm$ 0.011 χ^2 /NDF: 0.0/1

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: -0.100 $\pm$ 0.008 χ^2 /NDF: 2.5/3

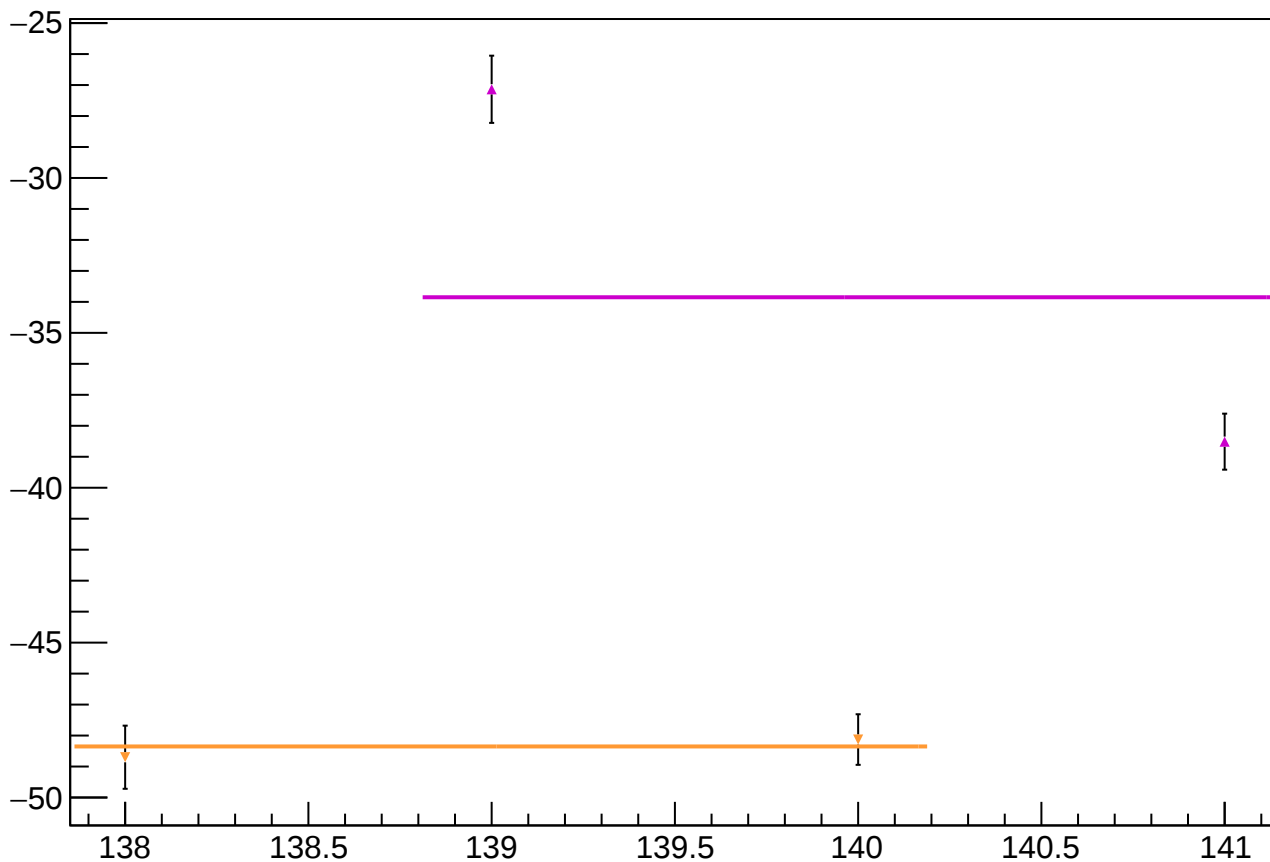
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: 0.076 $\pm$ 0.007 χ^2 /NDF: 1293.6/18

Out: 0.041 $\pm$ 0.007 χ^2 /NDF: 3296.3/20

All: 0.058 $\pm$ 0.005 χ^2 /NDF: 4602.2/39

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: -48.352+/-0.637 χ^2/NDF : 0.2/1

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: -41.724+/-0.470 χ^2/NDF : 301.7/3

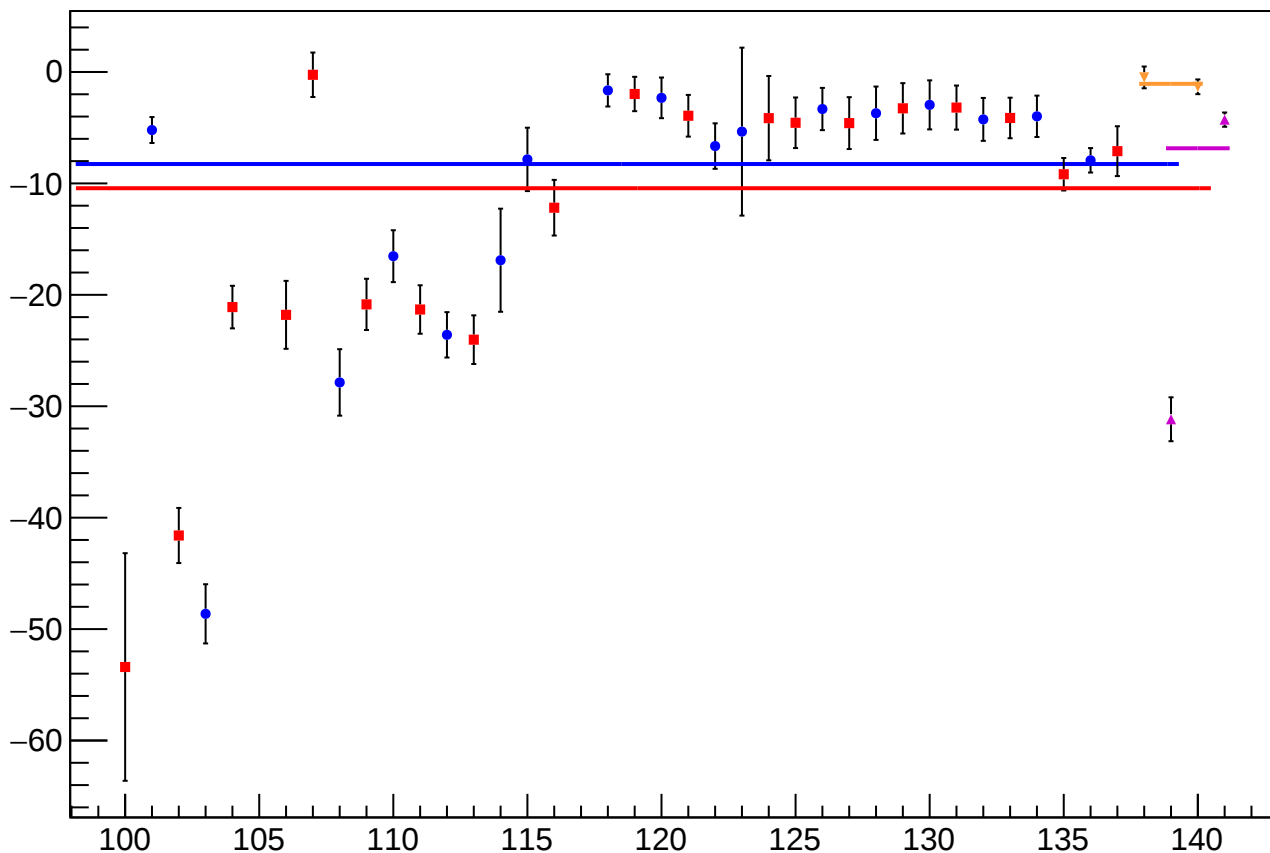
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.851+/-0.695 χ^2/NDF : 64.9/1

Out: -48.352+/-0.637 χ^2/NDF : 0.2/1

All: -41.724+/-0.470 χ^2/NDF : 301.7/3

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: -1.064 ± 0.548 χ^2/NDF : 0.5/1

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: -3.650 ± 0.407 χ^2/NDF : 218.8/3

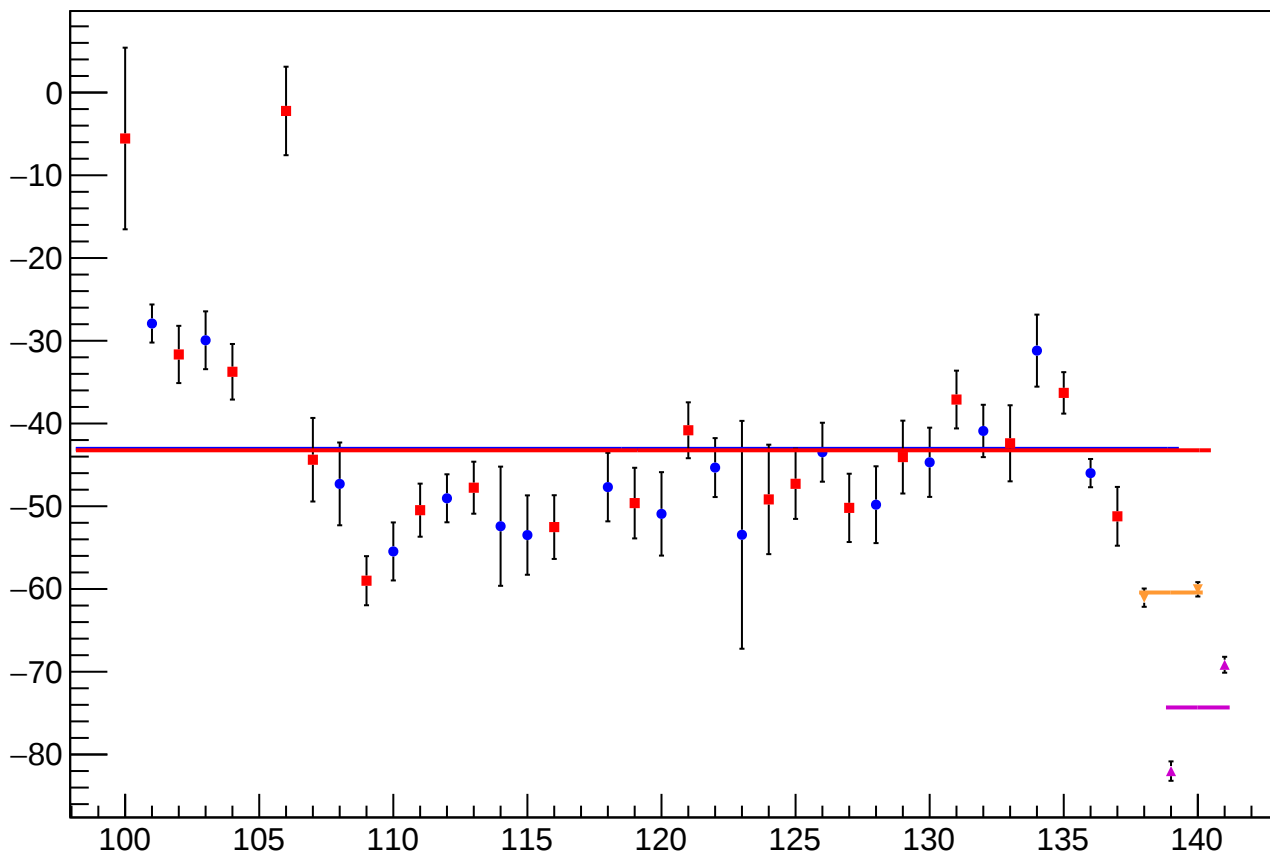
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -7.744 ± 0.368 χ^2/NDF : 583.8/18

Out: -6.264 ± 0.365 χ^2/NDF : 591.5/20

All: -6.998 ± 0.259 χ^2/NDF : 1183.3/39

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: -60.425 ± 0.683 χ^2/NDF : 0.5/1

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: -66.782 ± 0.503 χ^2/NDF : 261.5/3

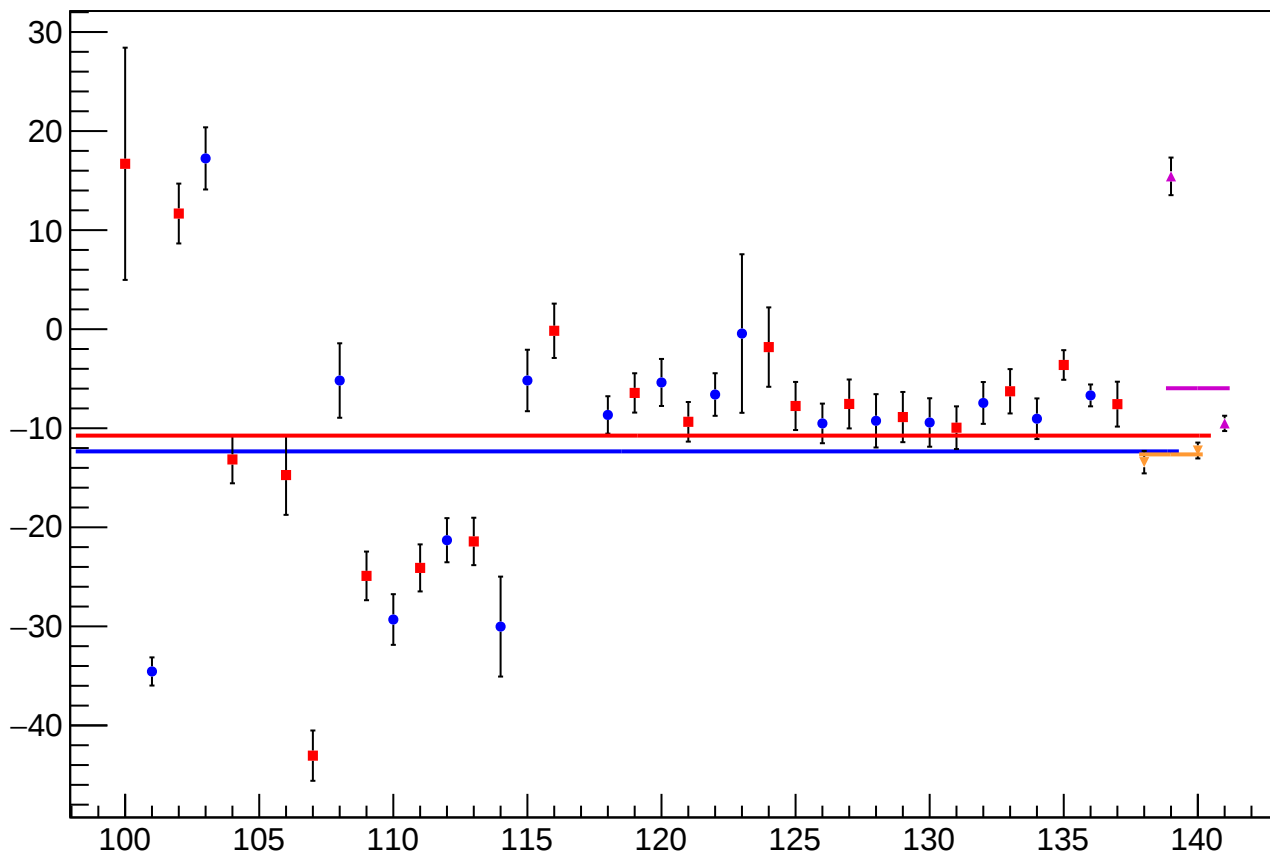
Right: -43.147 ± 0.601 χ^2/NDF : 253.3/35

In: -60.498 ± 0.555 χ^2/NDF : 951.7/18

Out: -53.833 ± 0.536 χ^2/NDF : 397.5/20

All: -57.049 ± 0.386 χ^2/NDF : 1423.7/39

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: -12.640 ± 0.654 $\chi^2/\text{NDF}: 0.7/1$

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: -9.604 ± 0.483 $\chi^2/\text{NDF}: 196.2/3$

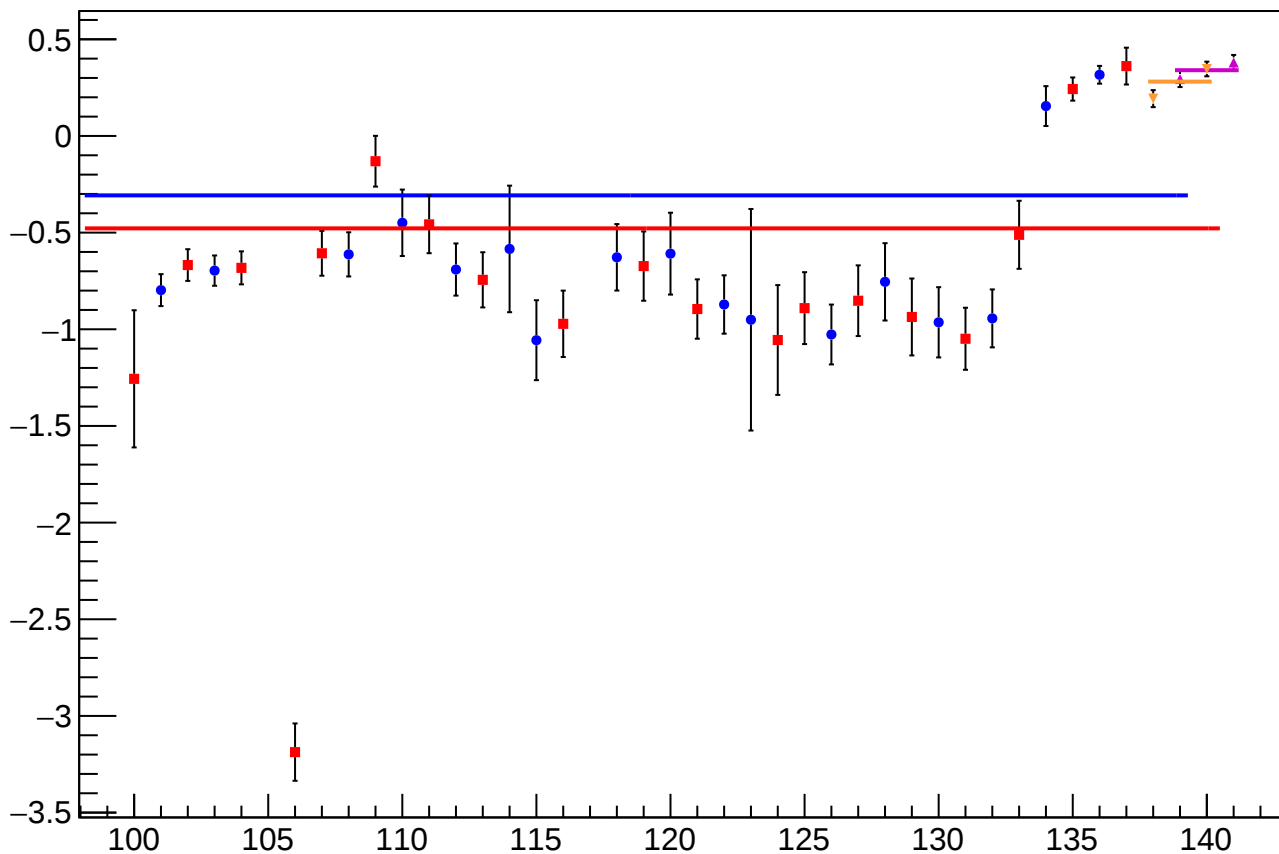
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -10.133 ± 0.421 $\chi^2/\text{NDF}: 675.1/18$

Out: -11.535 ± 0.422 $\chi^2/\text{NDF}: 372.5/20$

All: -10.832 ± 0.298 $\chi^2/\text{NDF}: 1053.1/39$

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: 0.281 ± 0.029 χ^2/NDF : 7.0/1

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 ± 0.020 χ^2/NDF : 11.4/3

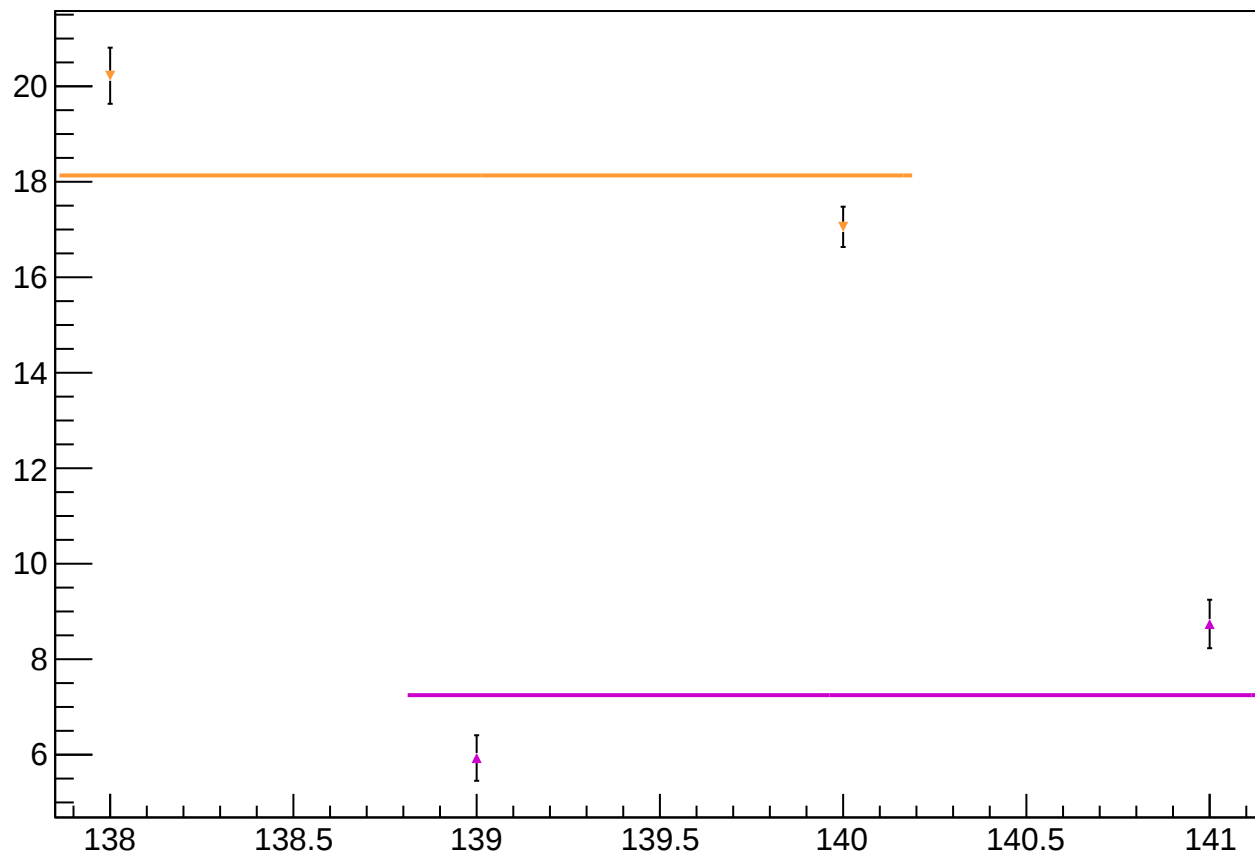
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.006 ± 0.020 χ^2/NDF : 642.6/18

Out: -0.101 ± 0.020 χ^2/NDF : 989.8/20

All: -0.046 ± 0.014 χ^2/NDF : 1646.8/39

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: 18.133+/-0.343 χ^2/NDF :19.1/1

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: 12.766+/-0.244 χ^2/NDF : 532.5/3

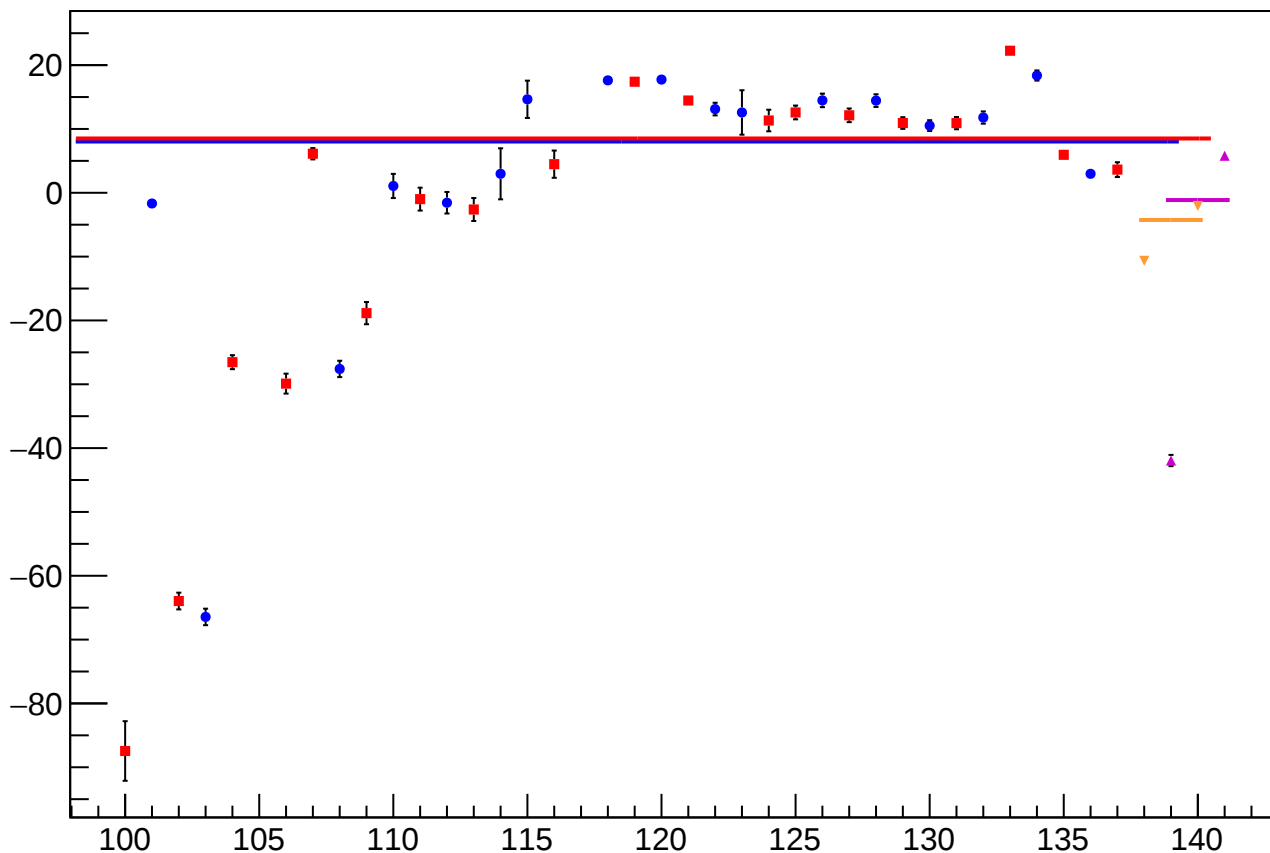
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.247+/-0.348 χ^2/NDF :16.2/1

Out: 18.133+/-0.343 χ^2/NDF :19.1/1

All: 12.766+/-0.244 χ^2/NDF : 532.5/3

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: -4.259+/-0.302 χ^2/NDF : 154.3/1

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: -2.863+/-0.224 χ^2/NDF : 2720.8/3

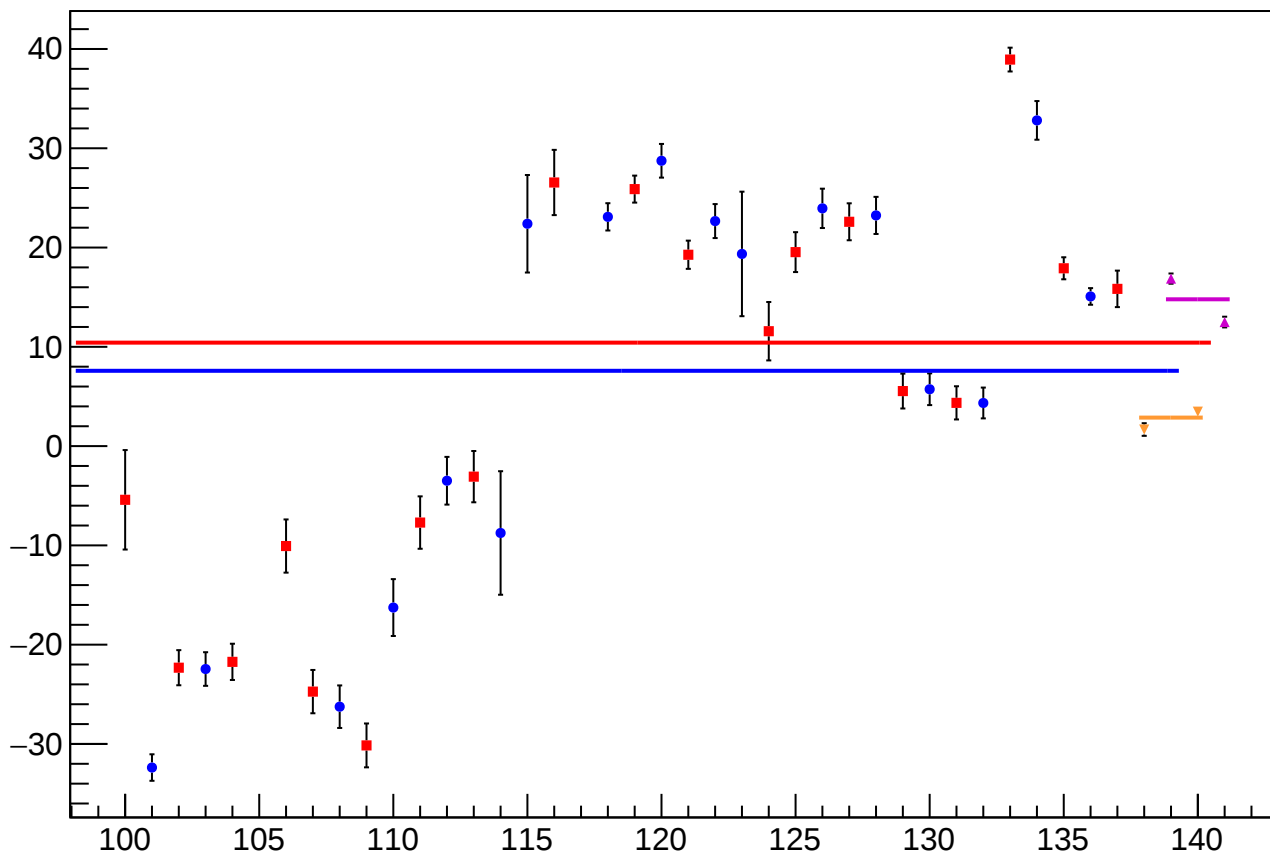
Right: 8.274+/-0.151 χ^2/NDF : 12086.1/35

In: 5.357+/-0.181 χ^2/NDF : 8418.5/18

Out: 4.260+/-0.174 χ^2/NDF : 8063.8/20

All: 4.786+/-0.125 χ^2/NDF : 16501.4/39

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: 2.871 ± 0.367 χ^2/NDF : 5.3/1

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: 8.748 ± 0.262 χ^2/NDF : 558.5/3

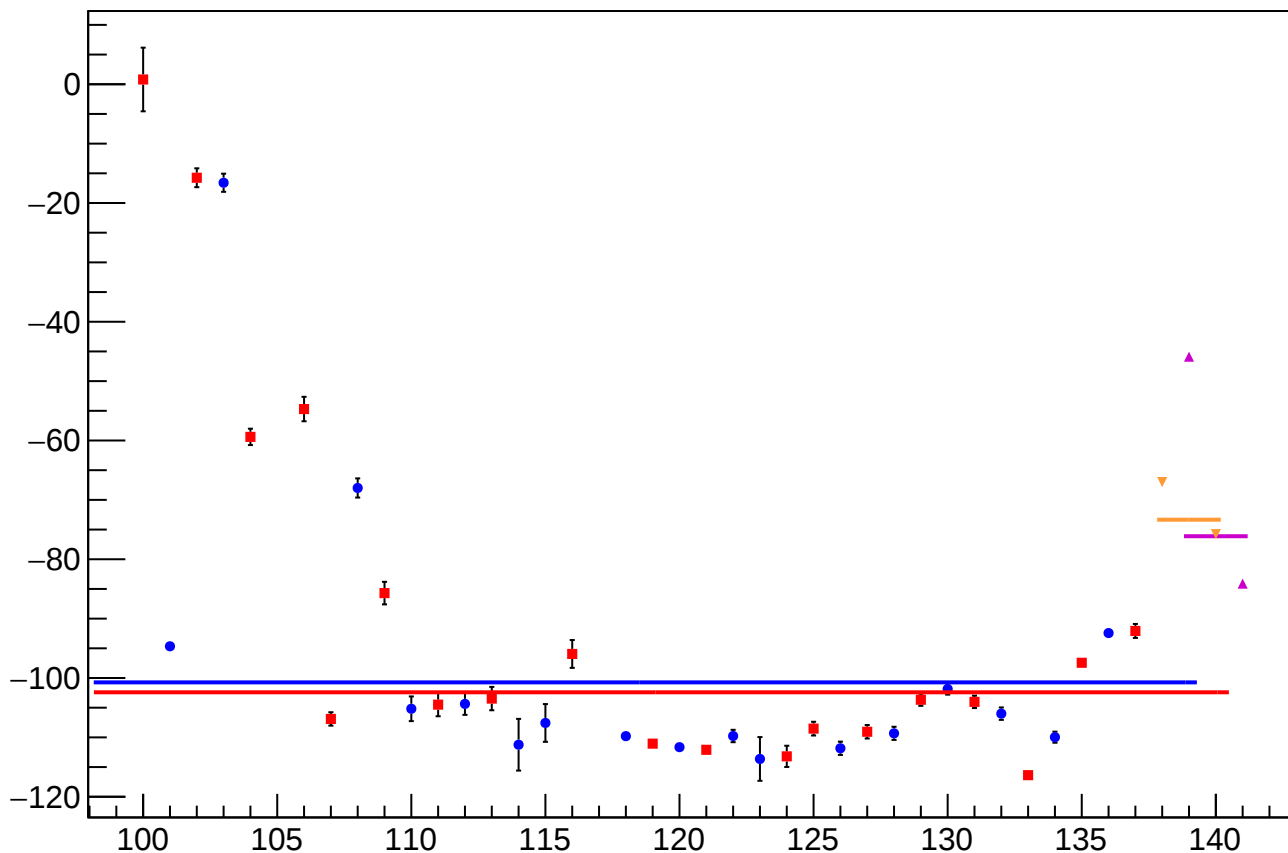
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 11.585 ± 0.278 χ^2/NDF : 2523.4/18

Out: 6.180 ± 0.275 χ^2/NDF : 2479.9/20

All: 8.861 ± 0.196 χ^2/NDF : 5194.4/39

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: -73.339+/-0.358 χ^2/NDF :119.9/1

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: -74.620+/-0.263 χ^2/NDF : 1753.1/3

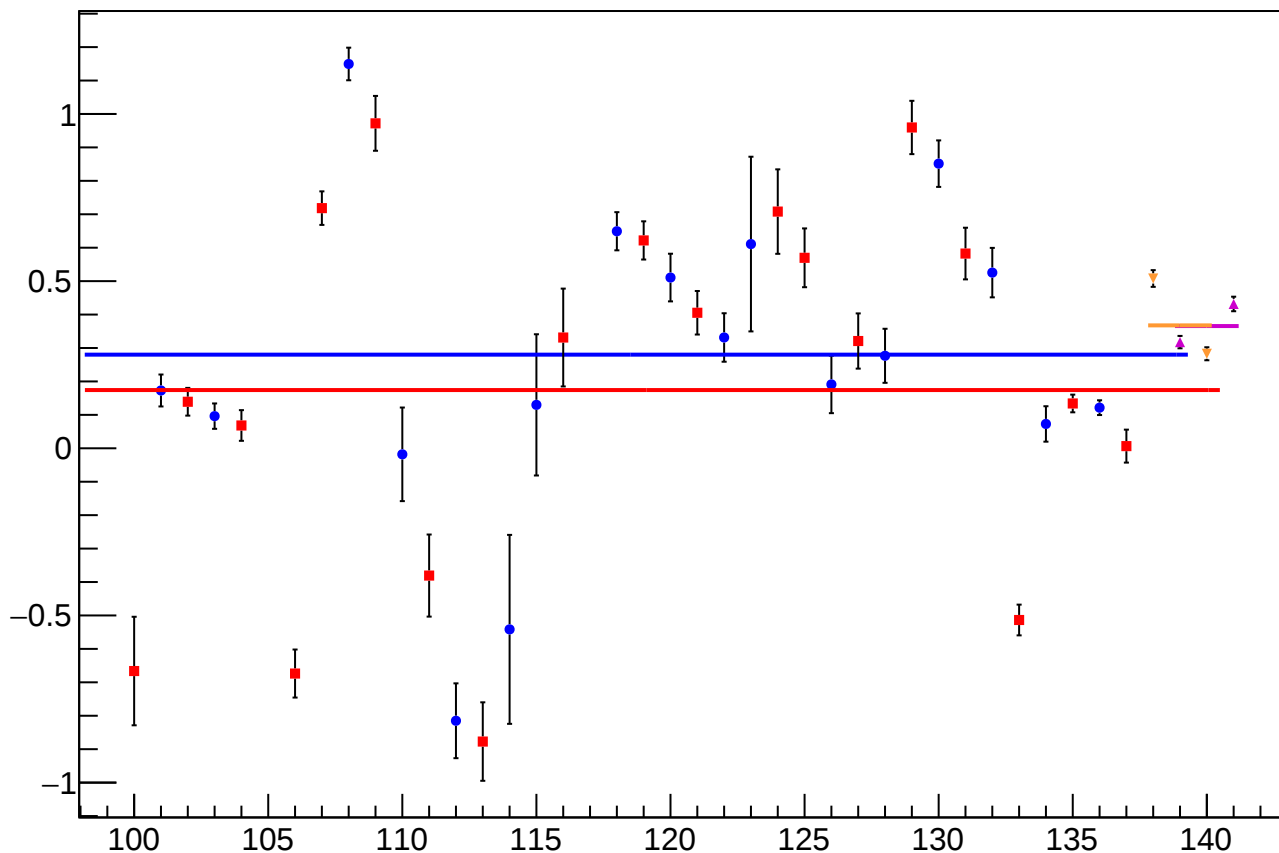
Right: -101.580+/-0.175 χ^2/NDF : 10631.4/35

In: -93.579+/-0.209 χ^2/NDF :8983.4/18

Out: -93.103+/-0.203 χ^2/NDF :10682.9/20

All: -93.333+/-0.146 χ^2/NDF : 19668.9/39

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: 0.368 ± 0.015 χ^2/NDF : 50.4/1

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: 0.367 ± 0.010 χ^2/NDF : 66.4/3

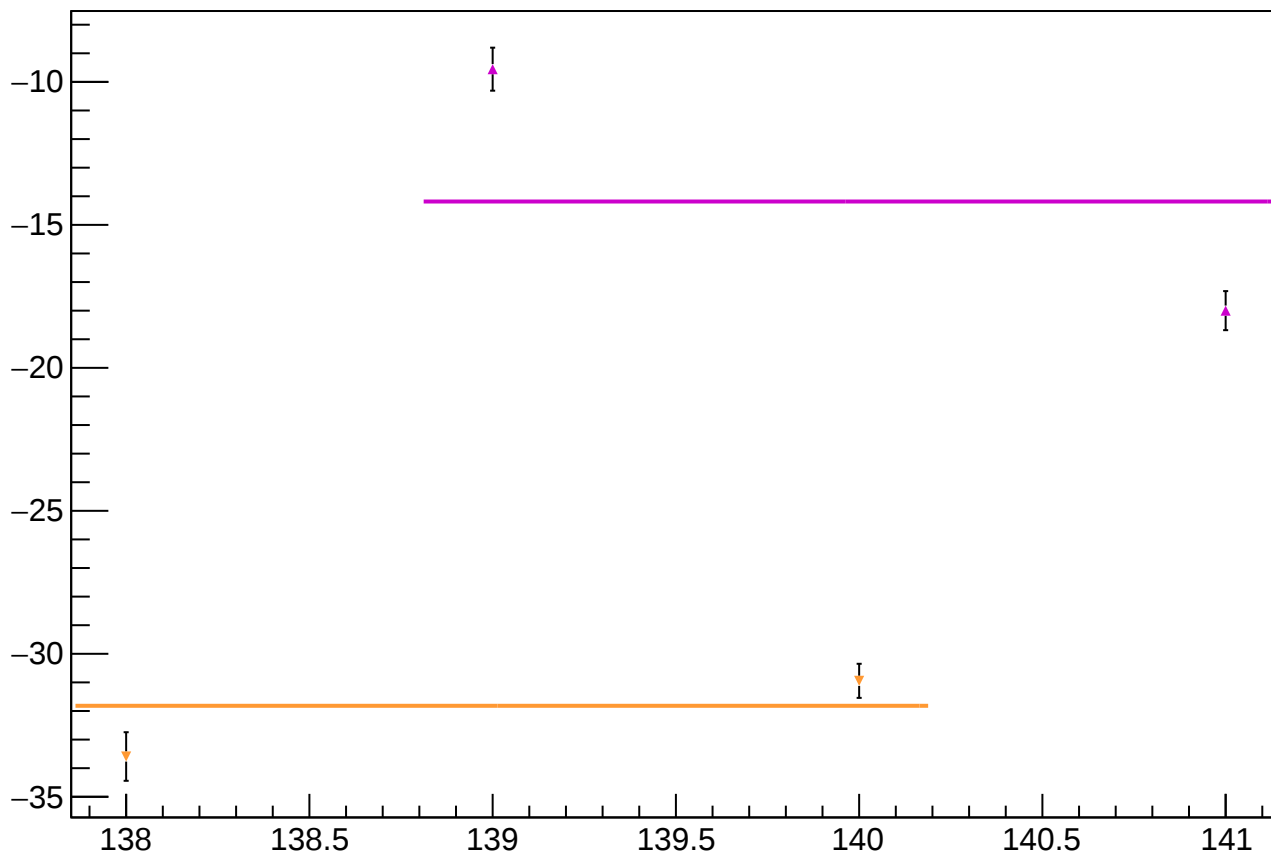
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.321 ± 0.010 χ^2/NDF : 691.5/18

Out: 0.258 ± 0.010 χ^2/NDF : 1104.4/20

All: 0.291 ± 0.007 χ^2/NDF : 1815.9/39

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: -31.818+/-0.488 χ^2/NDF : 6.5/1

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: -23.316+/-0.351 χ^2/NDF : 705.5/3

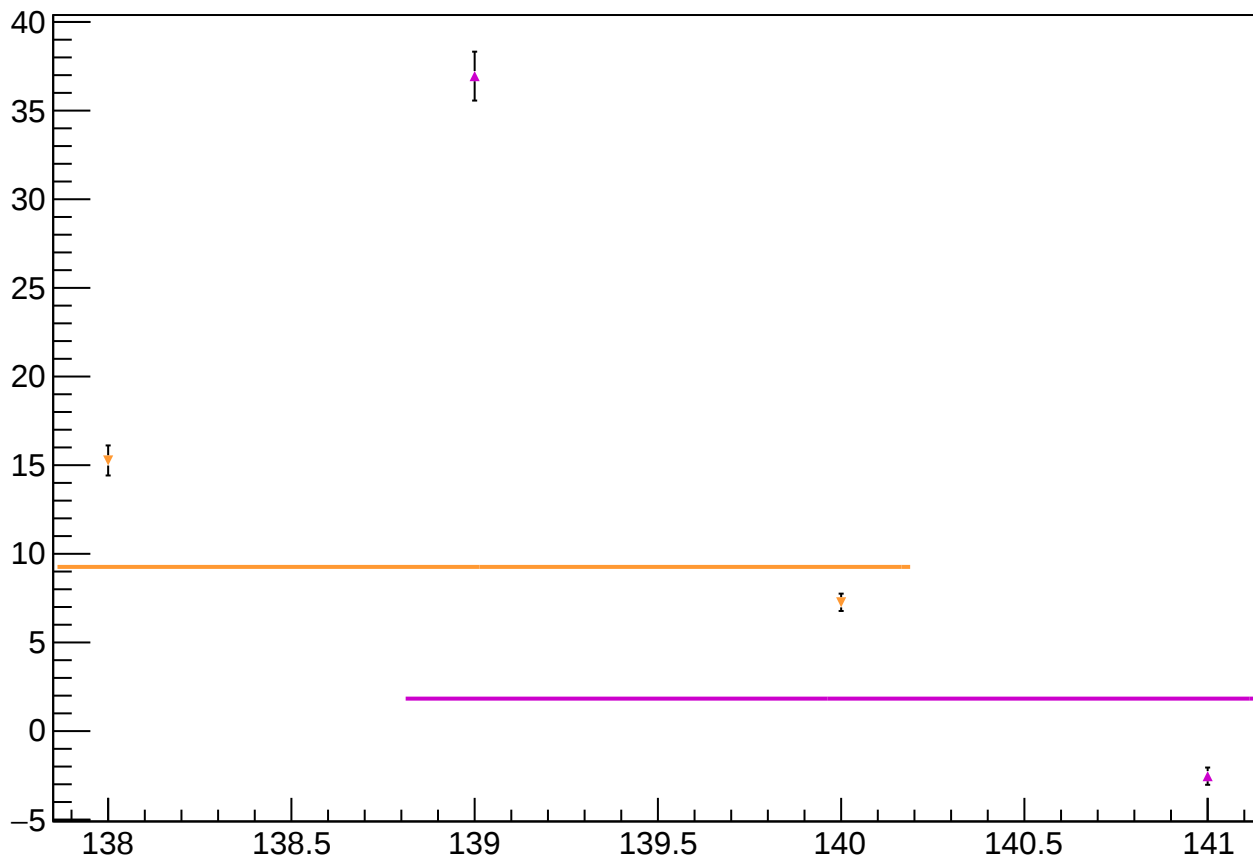
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.183+/-0.506 χ^2/NDF : 69.1/1

Out: -31.818+/-0.488 χ^2/NDF : 6.5/1

All: -23.316+/-0.351 χ^2/NDF : 705.5/3

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: 9.262+/-0.423 χ^2/NDF :66.9/1

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: 5.847+/-0.311 χ^2/NDF : 937.6/3

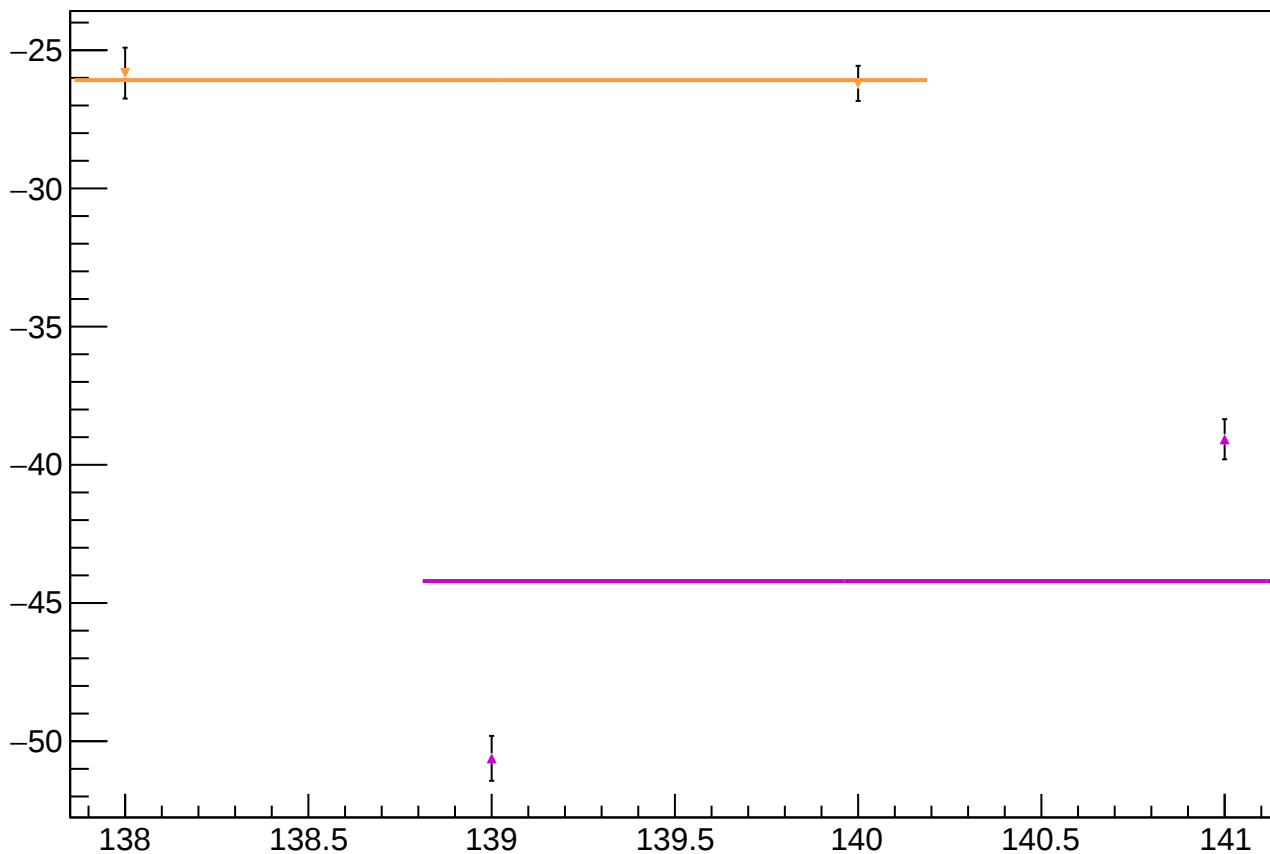
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.832+/-0.459 χ^2/NDF :729.1/1

Out: 9.262+/-0.423 χ^2/NDF :66.9/1

All: 5.847+/-0.311 χ^2/NDF : 937.6/3

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: -26.080+/-0.523 χ^2/NDF : 0.1/1

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: -34.824+/-0.376 χ^2/NDF : 692.5/3

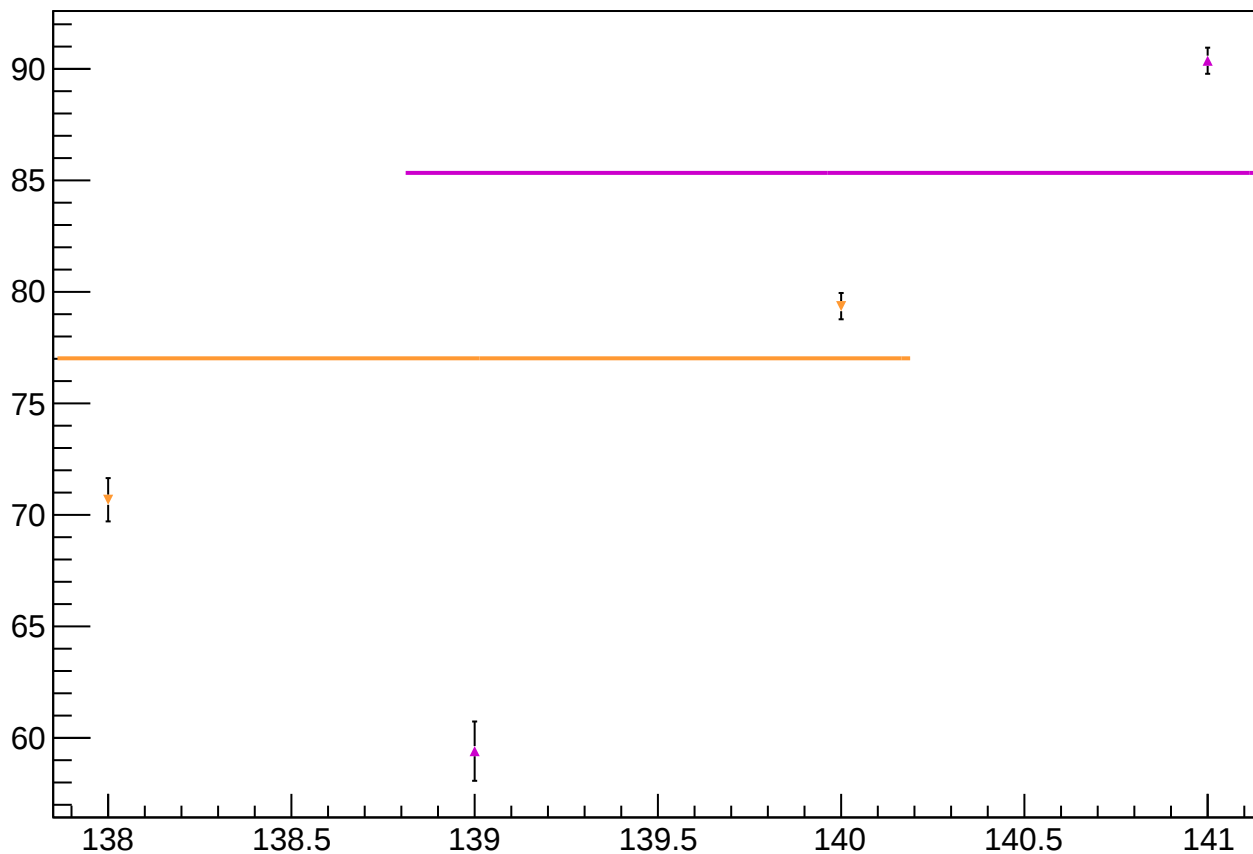
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.206+/-0.541 χ^2/NDF : 112.3/1

Out: -26.080+/-0.523 χ^2/NDF : 0.1/1

All: -34.824+/-0.376 χ^2/NDF : 692.5/3

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: 77.021+/-0.504 χ^2/NDF :58.4/1

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: 80.924+/-0.367 χ^2/NDF : 640.3/3

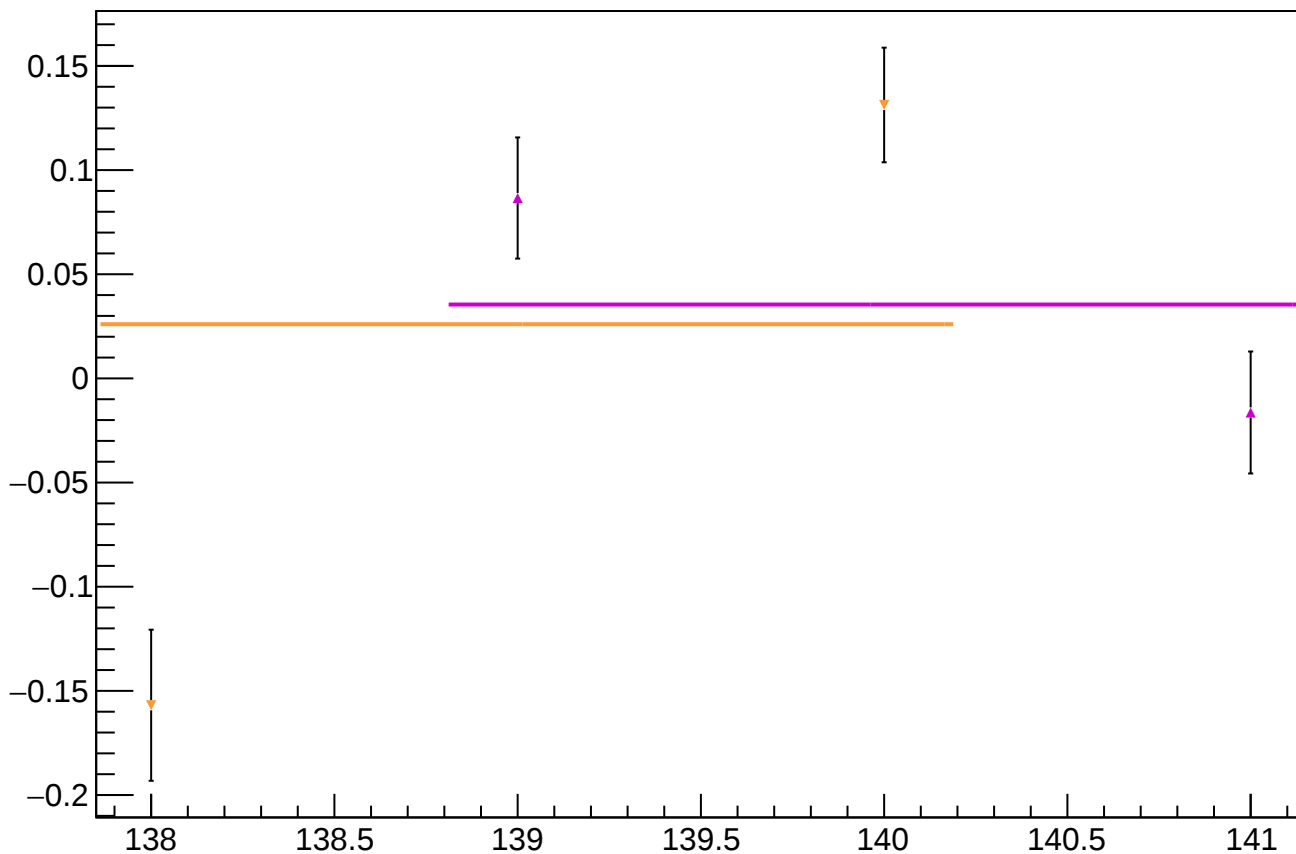
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 85.336+/-0.536 χ^2/NDF :454.1/1

Out: 77.021+/-0.504 χ^2/NDF :58.4/1

All: 80.924+/-0.367 χ^2/NDF : 640.3/3

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.026+/-0.022 χ^2/NDF :40.1/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.035+/-0.021 χ^2/NDF :6.2/1

Left: 0.031+/-0.015 χ^2/NDF : 46.4/3

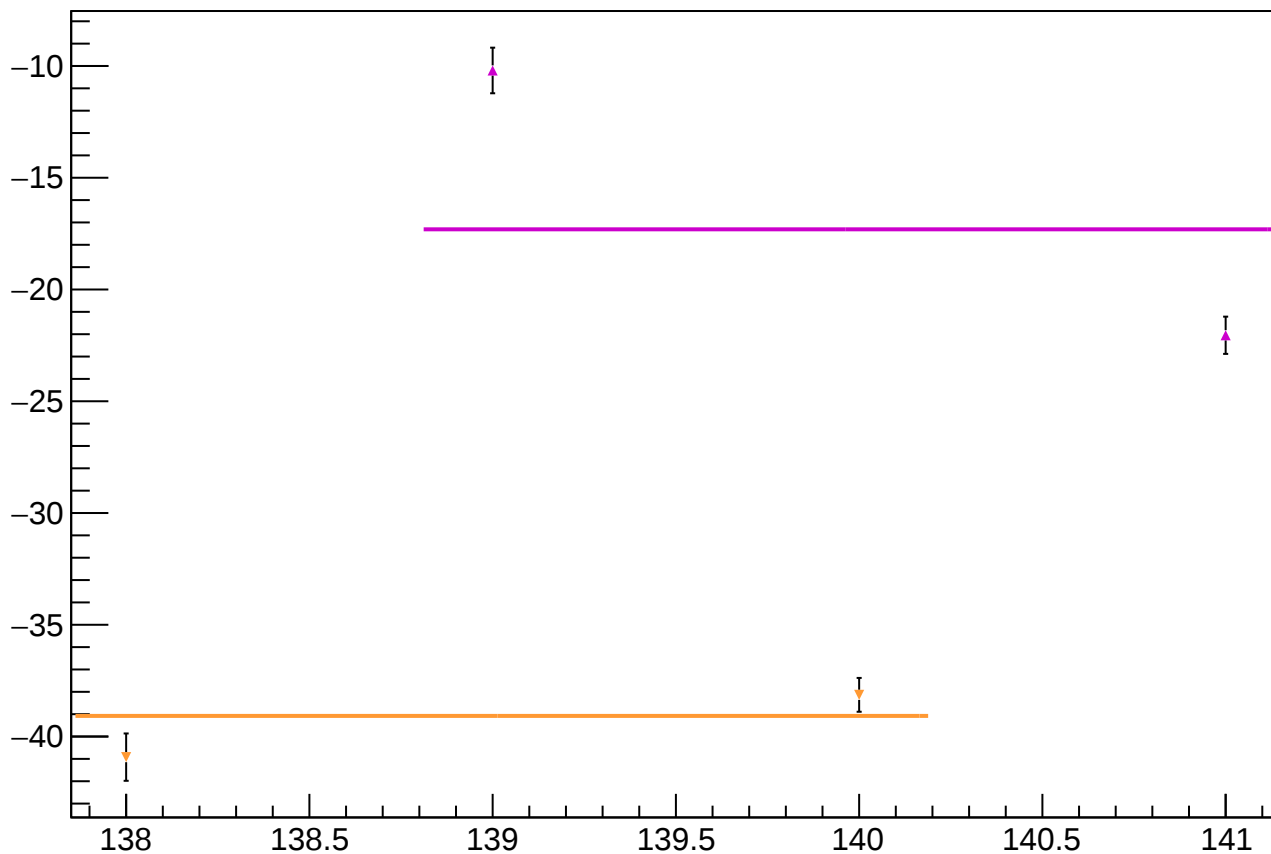
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.035+/-0.021 χ^2/NDF :6.2/1

Out: 0.026+/-0.022 χ^2/NDF :40.1/1

All: 0.031+/-0.015 χ^2/NDF : 46.4/3

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: -39.077+/-0.616 χ^2/NDF : 4.6/1

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: -28.702+/-0.445 χ^2/NDF : 681.3/3

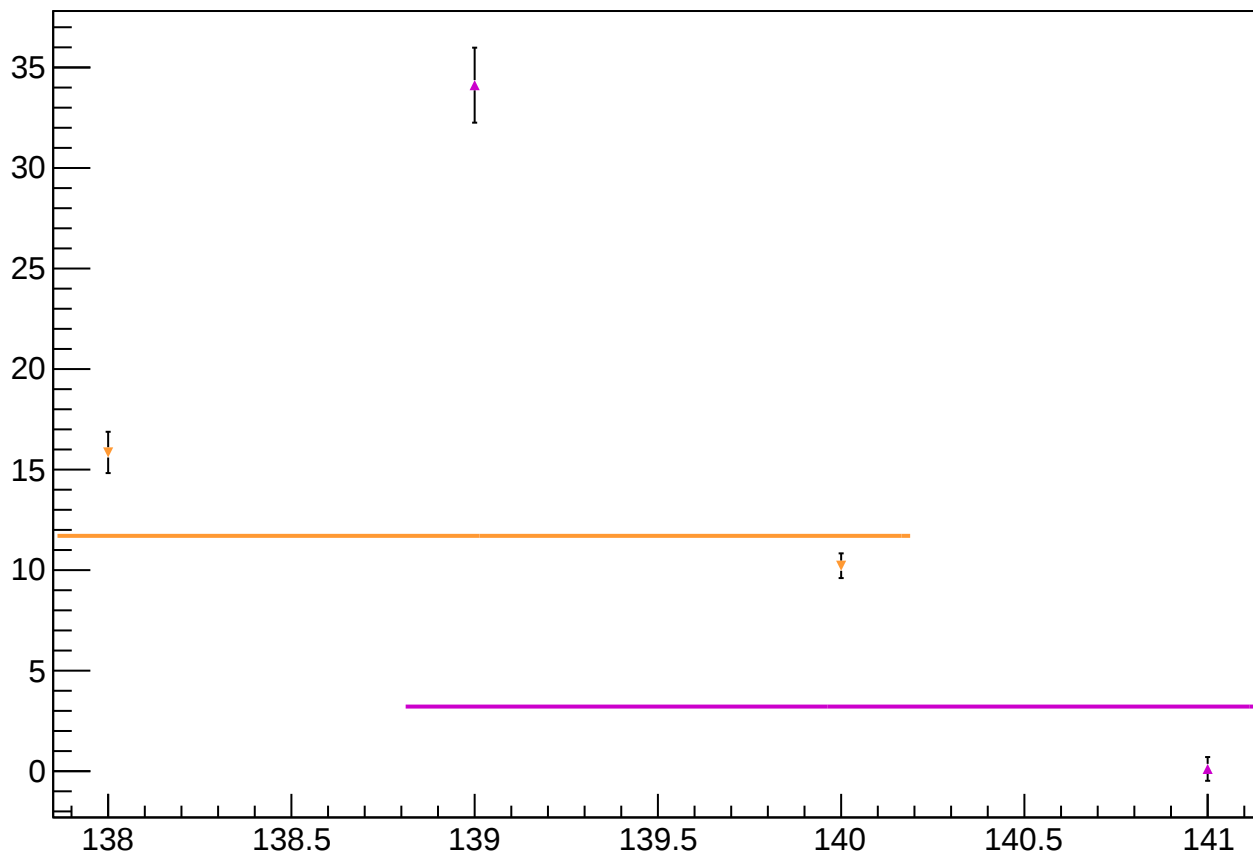
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.308+/-0.645 χ^2/NDF : 80.9/1

Out: -39.077+/-0.616 χ^2/NDF : 4.6/1

All: -28.702+/-0.445 χ^2/NDF : 681.3/3

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: 11.705+/-0.527 χ^2/NDF :22.2/1

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: 7.738+/-0.385 χ^2/NDF : 445.5/3

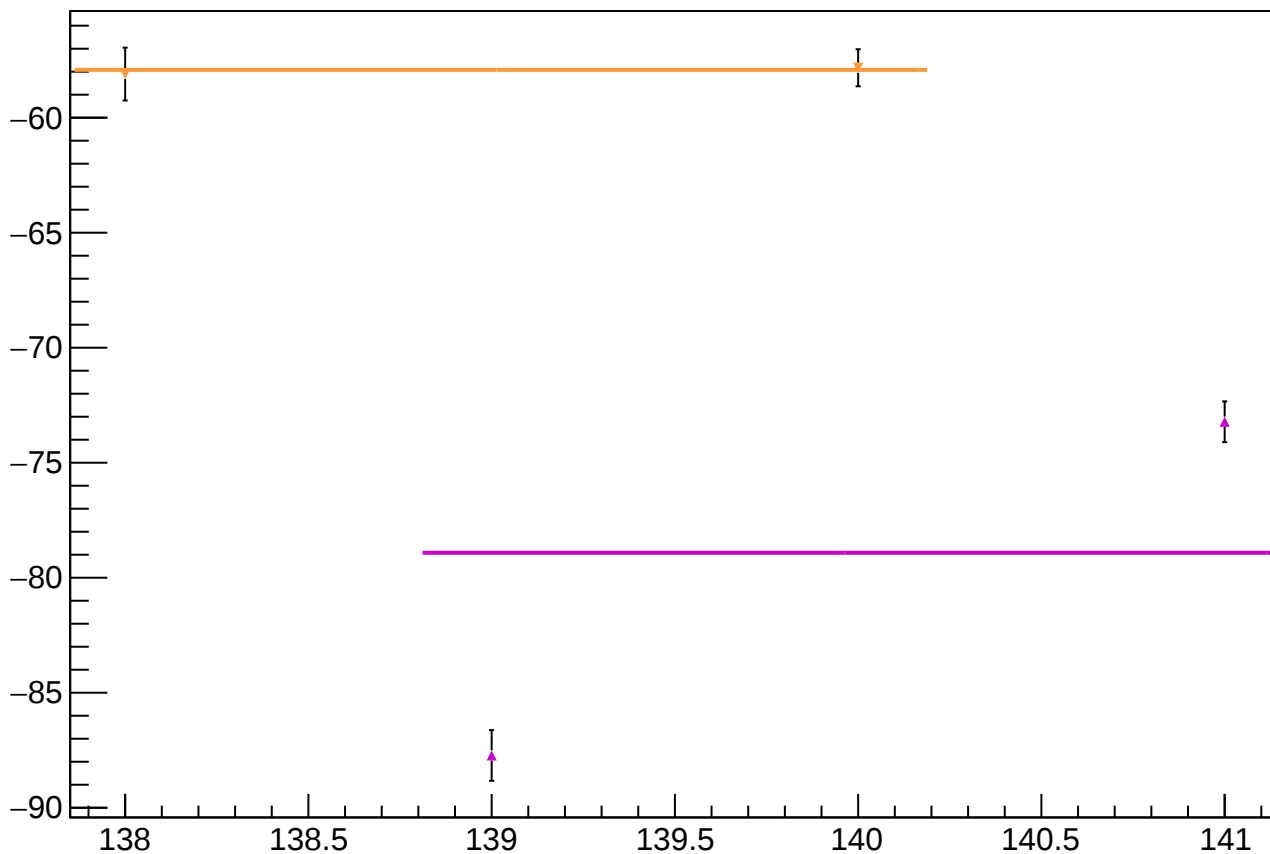
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.214+/-0.563 χ^2/NDF :302.2/1

Out: 11.705+/-0.527 χ^2/NDF :22.2/1

All: 7.738+/-0.385 χ^2/NDF : 445.5/3

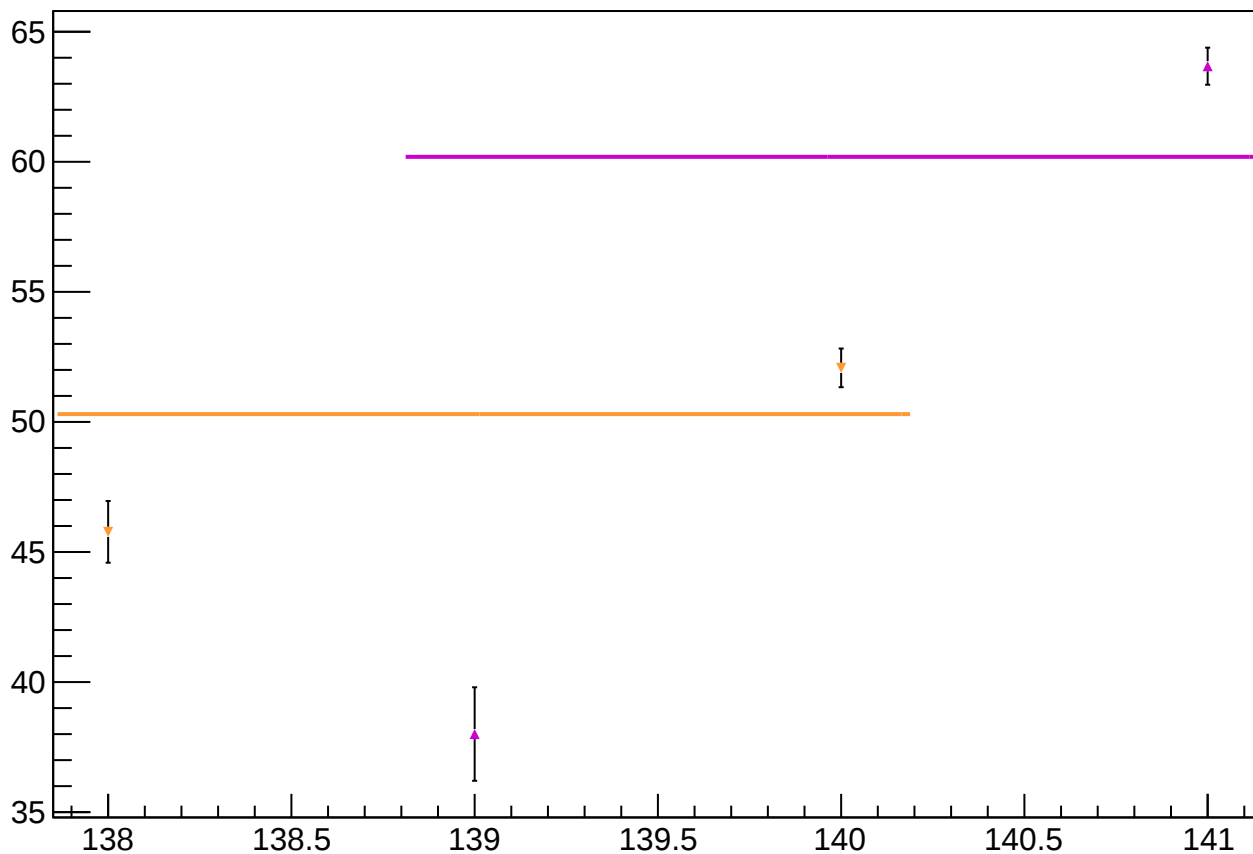
reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.920+/-0.659 χ^2/NDF : 0.0/1
 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: -67.935+/-0.477 χ^2/NDF : 588.7/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -78.914+/-0.690 χ^2/NDF : 105.3/1
 Out: -57.920+/-0.659 χ^2/NDF : 0.0/1
 All: -67.935+/-0.477 χ^2/NDF : 588.7/3

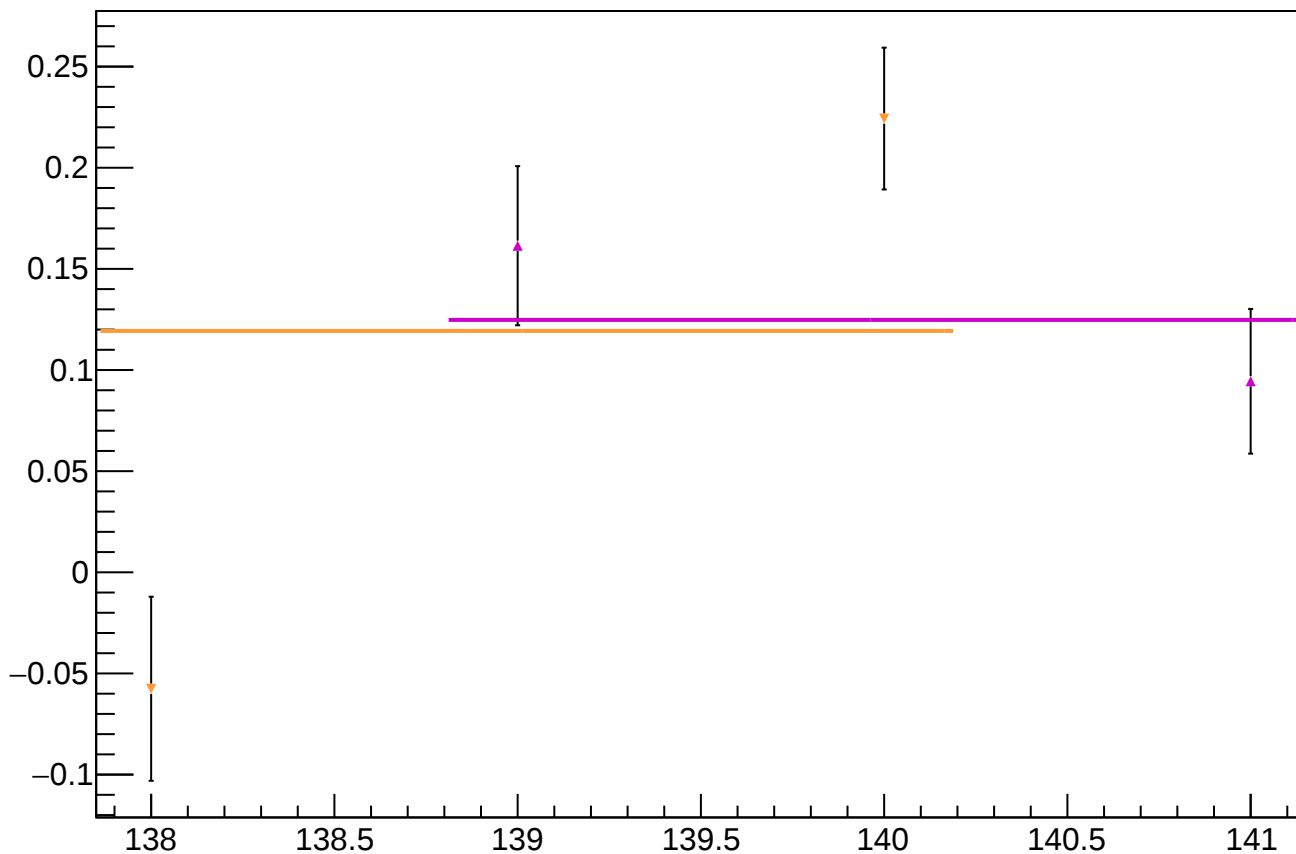
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 50.301 $\pm$ 0.630 χ^2 /NDF:20.3/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 60.191 $\pm$ 0.662 χ^2 /NDF:176.3/1

Left: 54.996 $\pm$ 0.456 χ^2 /NDF: 313.7/3
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 60.191 $\pm$ 0.662 χ^2 /NDF:176.3/1
 Out: 50.301 $\pm$ 0.630 χ^2 /NDF:20.3/1
 All: 54.996 $\pm$ 0.456 χ^2 /NDF: 313.7/3

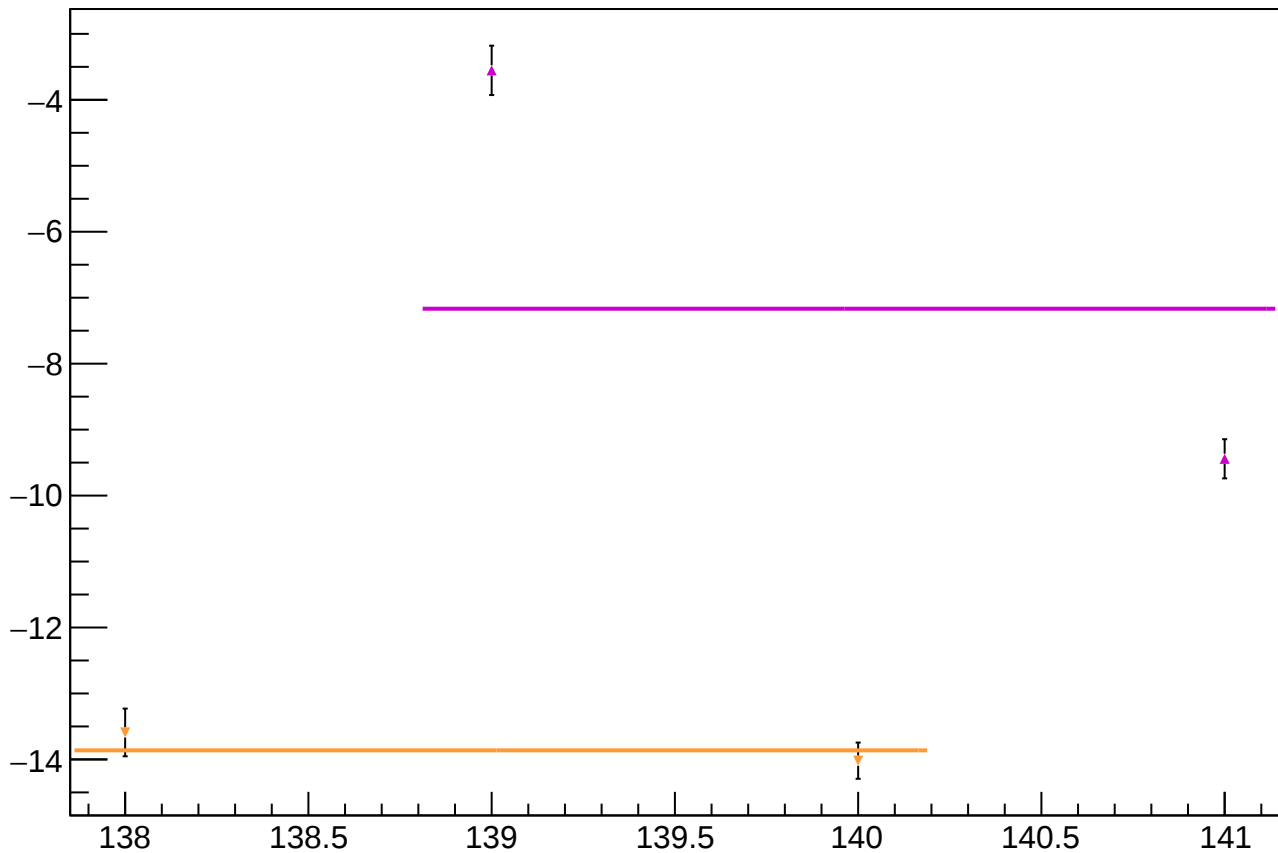
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.119+/-0.028 χ^2/NDF :24.1/1
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.125+/-0.026 χ^2/NDF :1.6/1

Left: 0.122+/-0.019 χ^2/NDF : 25.7/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.125+/-0.026 χ^2/NDF :1.6/1
 Out: 0.119+/-0.028 χ^2/NDF :24.1/1
 All: 0.122+/-0.019 χ^2/NDF : 25.7/3

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: -13.862+/-0.219 χ^2/NDF : 0.9/1

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: -10.721+/-0.159 χ^2/NDF : 592.8/3

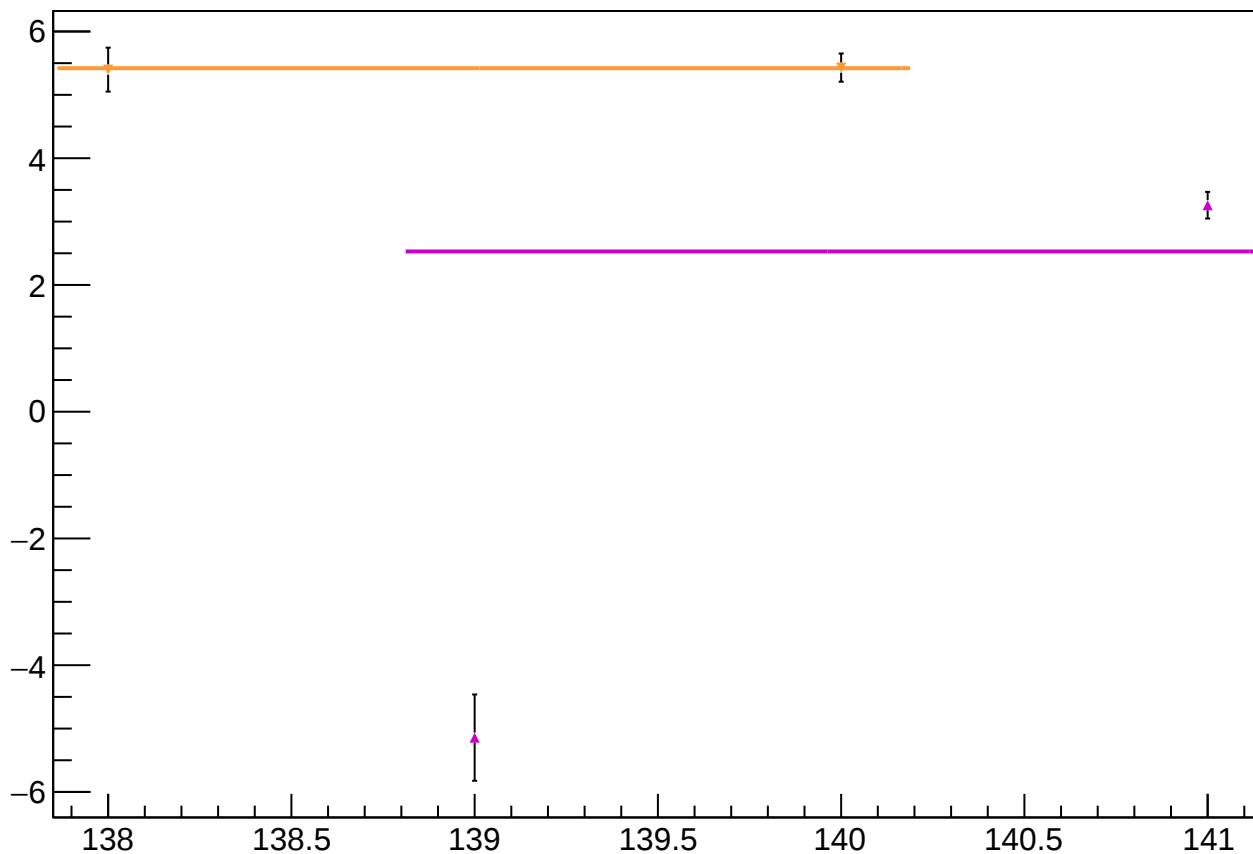
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.167+/-0.233 χ^2/NDF : 152.0/1

Out: -13.862+/-0.219 χ^2/NDF : 0.9/1

All: -10.721+/-0.159 χ^2/NDF : 592.8/3

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: 5.420 $\pm$ 0.187 χ^2 /NDF:0.0/1

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: 4.076 $\pm$ 0.137 χ^2 /NDF: 249.9/3

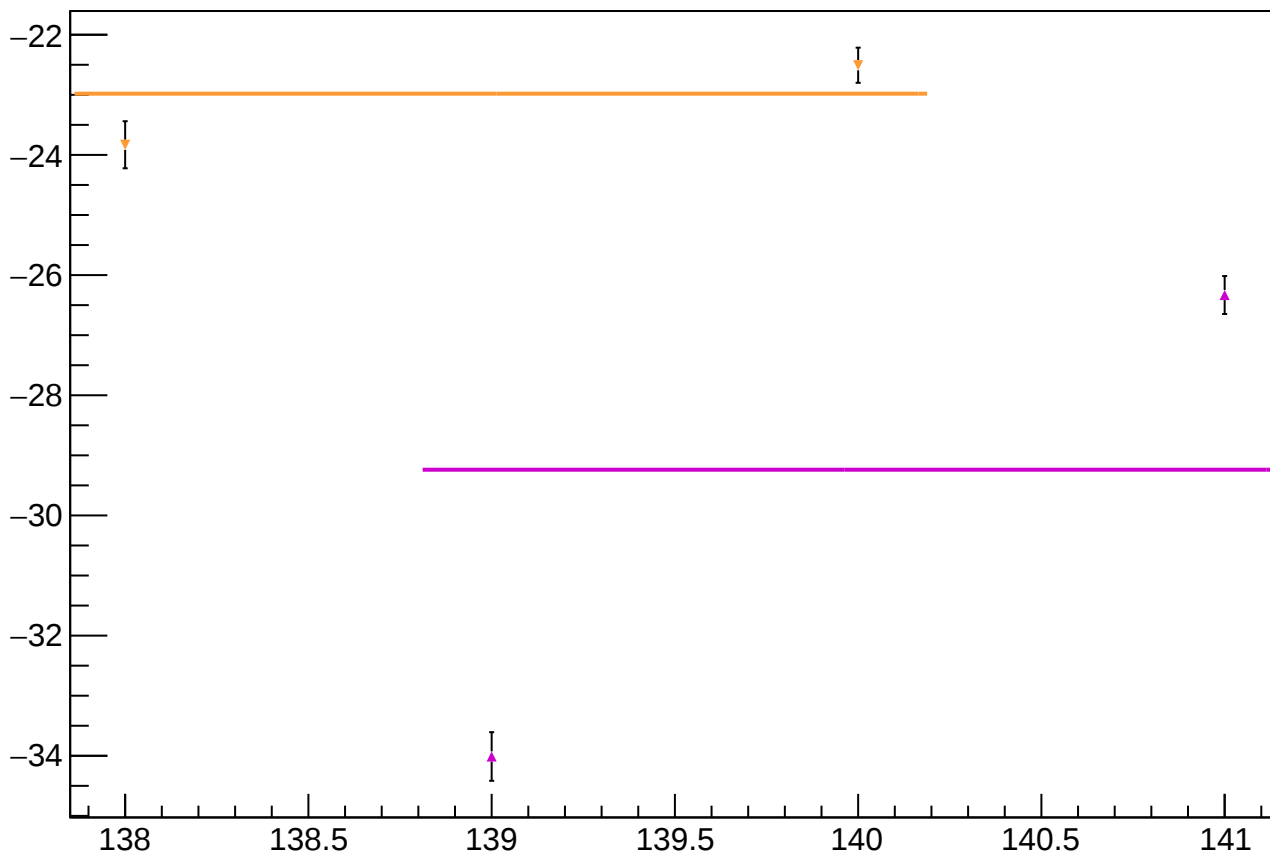
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 2.529 $\pm$ 0.201 χ^2 /NDF:138.9/1

Out: 5.420 $\pm$ 0.187 χ^2 /NDF:0.0/1

All: 4.076 $\pm$ 0.137 χ^2 /NDF: 249.9/3

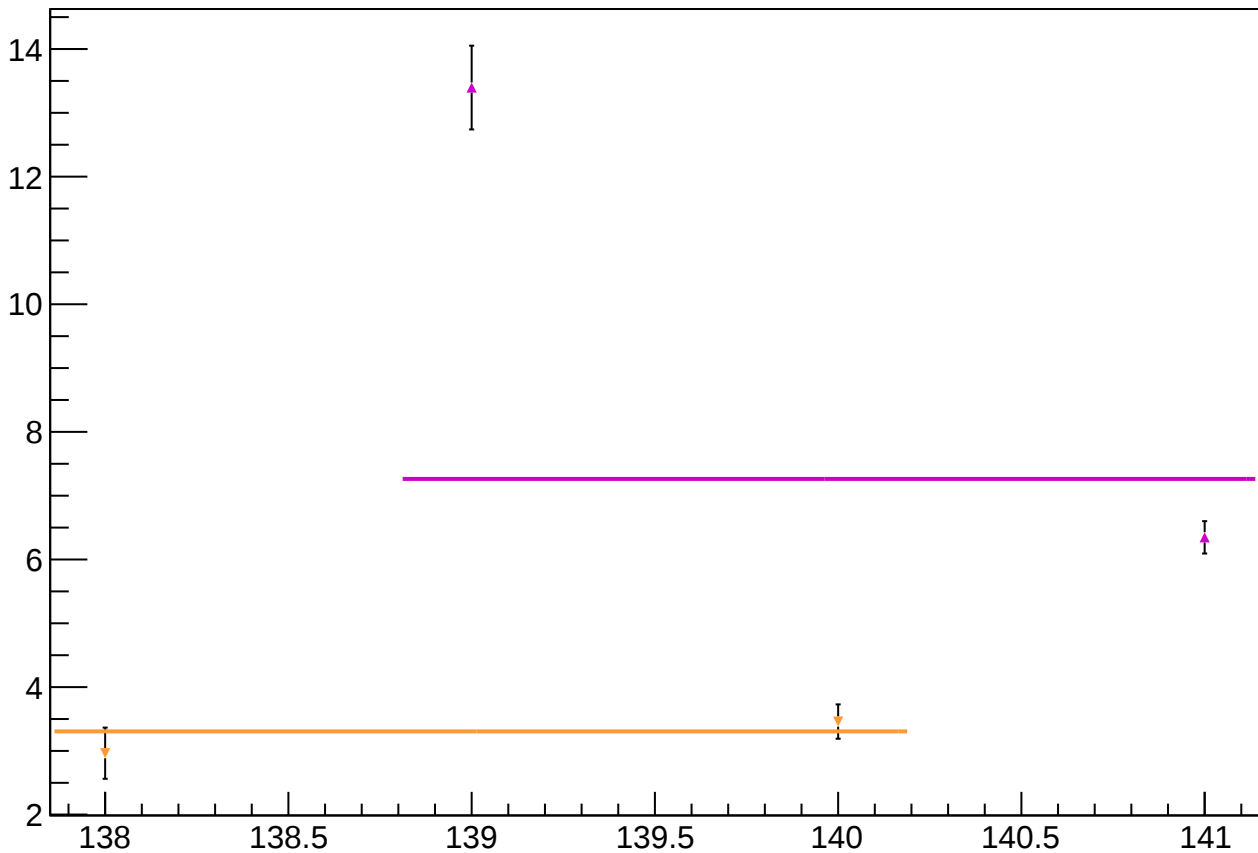
reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -22.981+/-0.234 χ^2 /NDF:7.3/1
 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: -25.921+/-0.171 χ^2 /NDF: 566.4/3
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -29.239+/-0.249 χ^2 /NDF:223.9/1
 Out: -22.981+/-0.234 χ^2 /NDF:7.3/1
 All: -25.921+/-0.171 χ^2 /NDF: 566.4/3

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: 3.306+/-0.223 χ^2/NDF : 1.1/1

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: 5.172+/-0.162 χ^2/NDF : 249.2/3

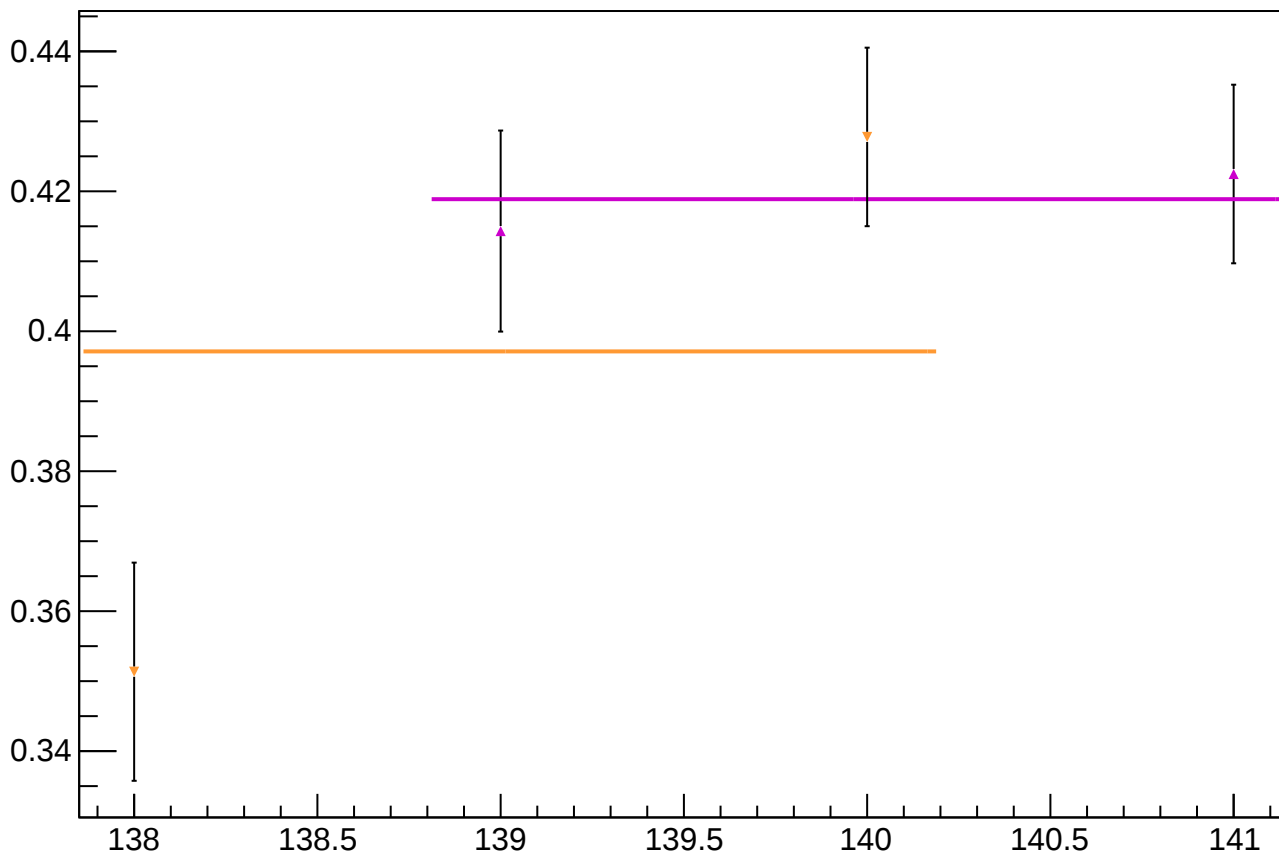
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.263+/-0.237 χ^2/NDF : 100.3/1

Out: 3.306+/-0.223 χ^2/NDF : 1.1/1

All: 5.172+/-0.162 χ^2/NDF : 249.2/3

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: 0.397+/-0.010 χ^2/NDF :14.4/1

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: 0.408+/-0.007 χ^2/NDF : 17.1/3

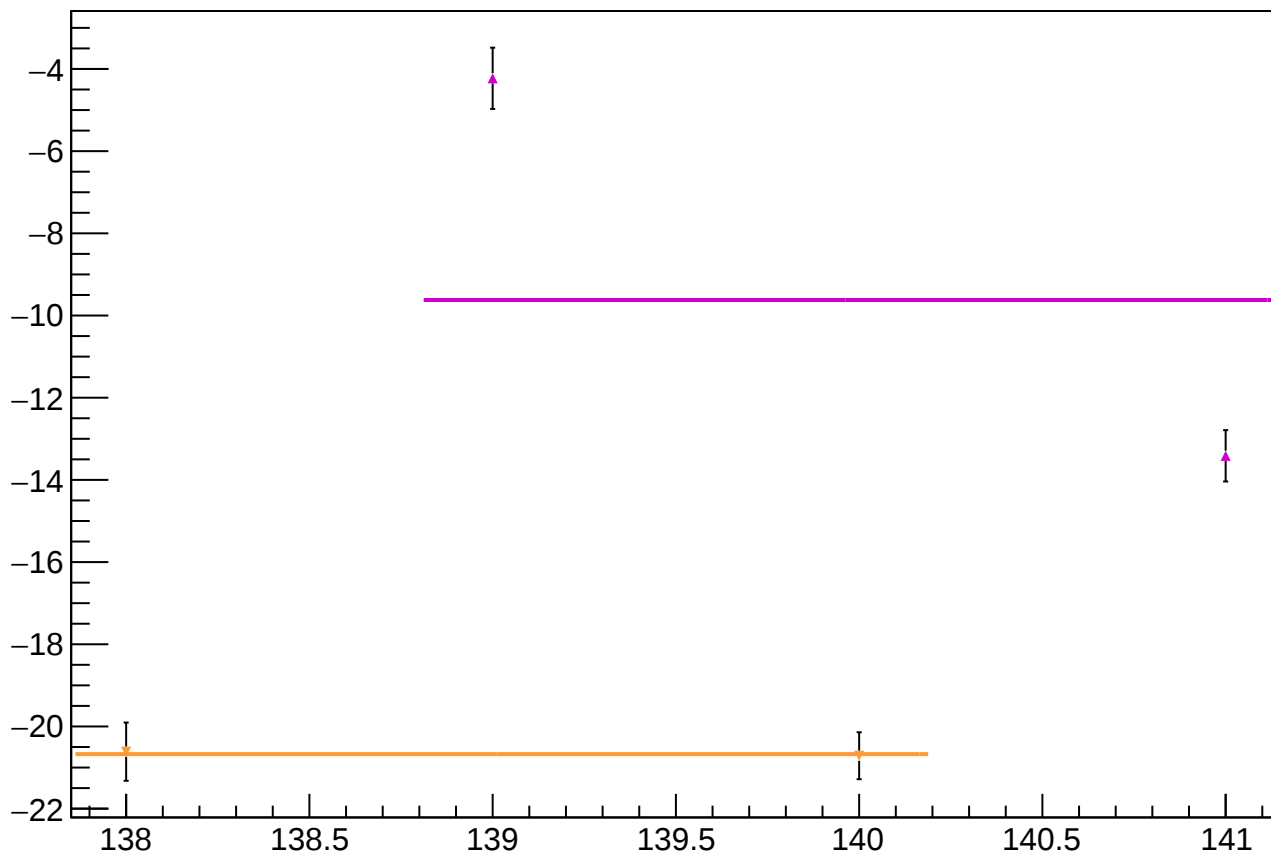
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.419+/-0.010 χ^2/NDF :0.2/1

Out: 0.397+/-0.010 χ^2/NDF :14.4/1

All: 0.408+/-0.007 χ^2/NDF : 17.1/3

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: -20.673 ± 0.445 χ^2/NDF : 0.0/1

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: -15.556 ± 0.326 χ^2/NDF : 375.0/3

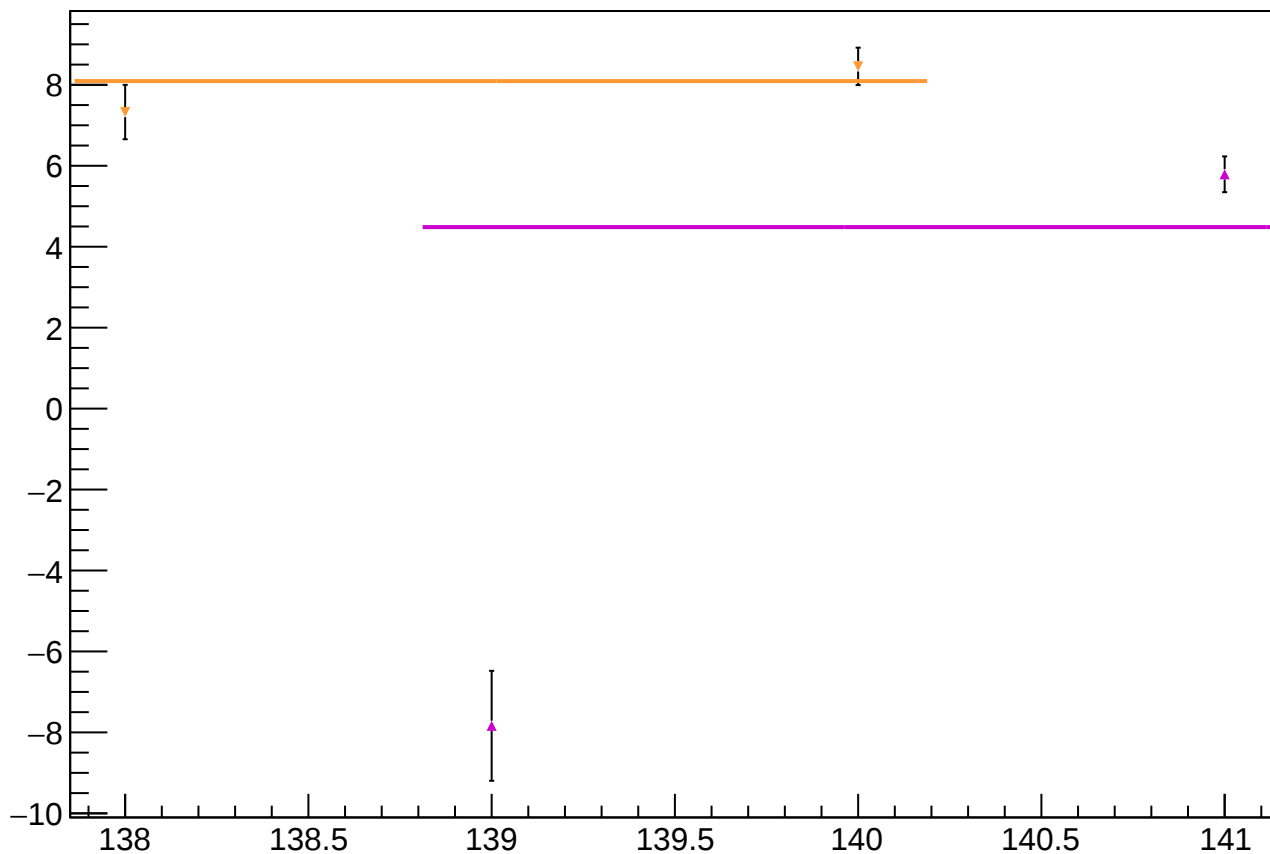
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -9.622 ± 0.479 χ^2/NDF : 89.2/1

Out: -20.673 ± 0.445 χ^2/NDF : 0.0/1

All: -15.556 ± 0.326 χ^2/NDF : 375.0/3

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 8.093+/-0.381 χ^2/NDF :1.9/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.485+/-0.420 χ^2/NDF :91.0/1

Left: 6.466+/-0.282 χ^2/NDF : 133.4/3

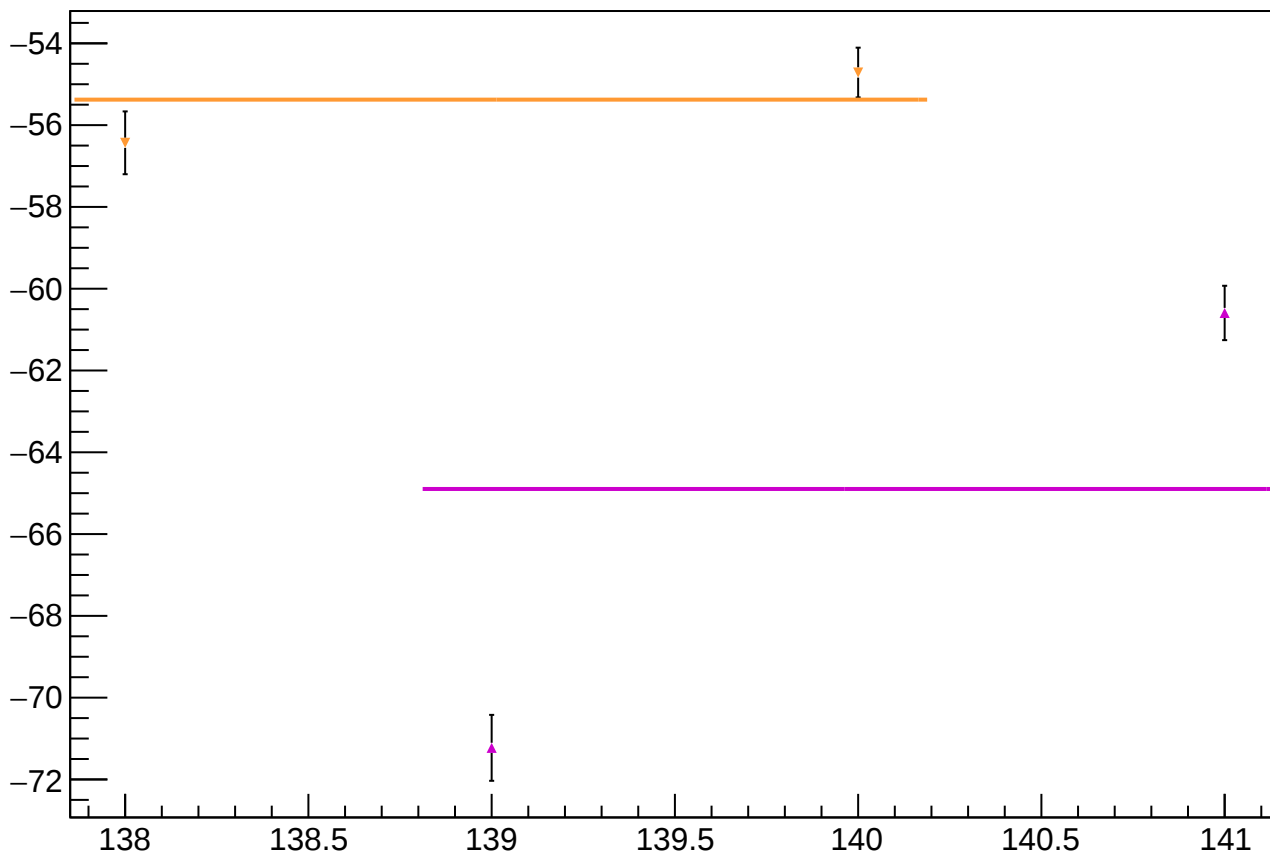
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.485+/-0.420 χ^2/NDF :91.0/1

Out: 8.093+/-0.381 χ^2/NDF :1.9/1

All: 6.466+/-0.282 χ^2/NDF : 133.4/3

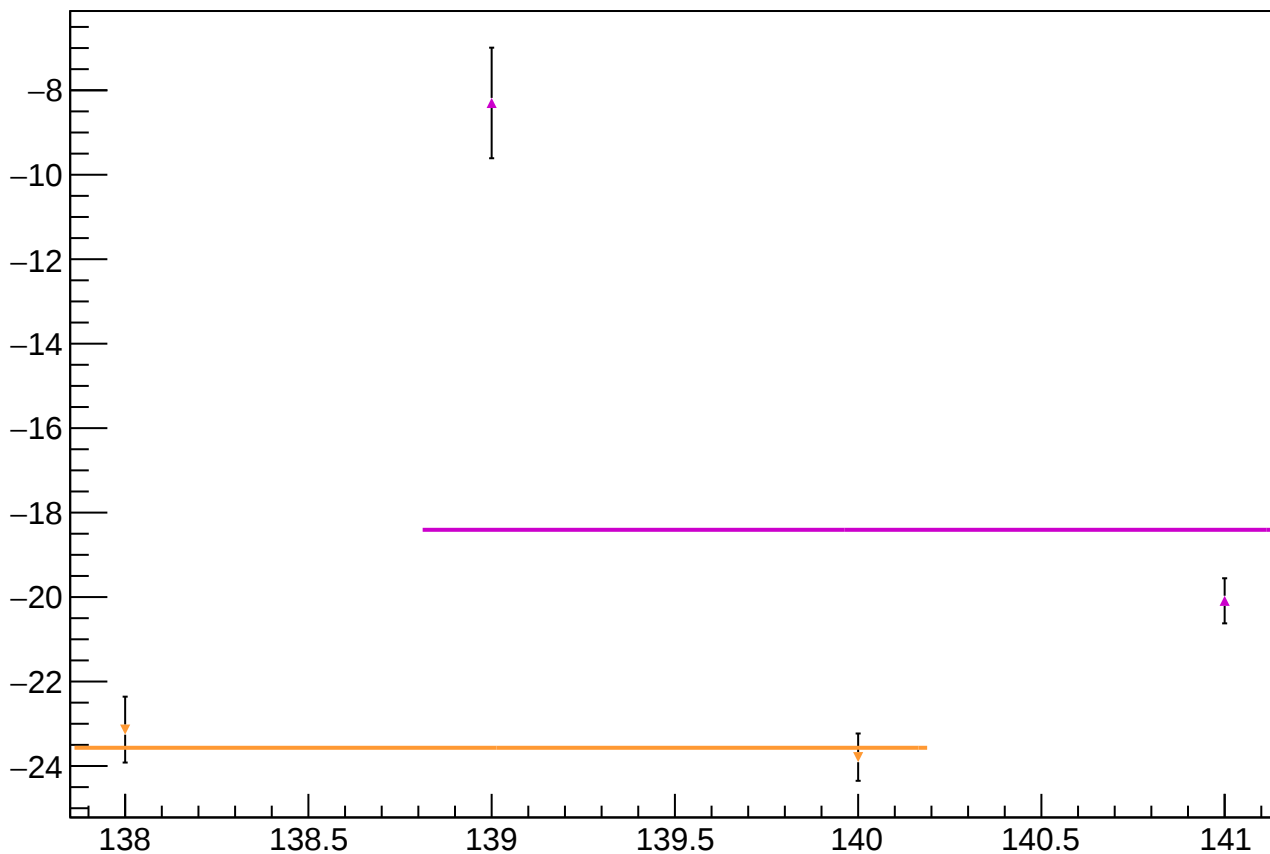
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.377+/-0.477 χ^2/NDF : 3.1/1
 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: -59.792+/-0.349 χ^2/NDF : 291.6/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -64.897+/-0.513 χ^2/NDF : 103.6/1
 Out: -55.377+/-0.477 χ^2/NDF : 3.1/1
 All: -59.792+/-0.349 χ^2/NDF : 291.6/3

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: -23.569+/-0.455 χ^2/NDF : 0.5/1

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: -21.202+/-0.335 χ^2/NDF : 129.0/3

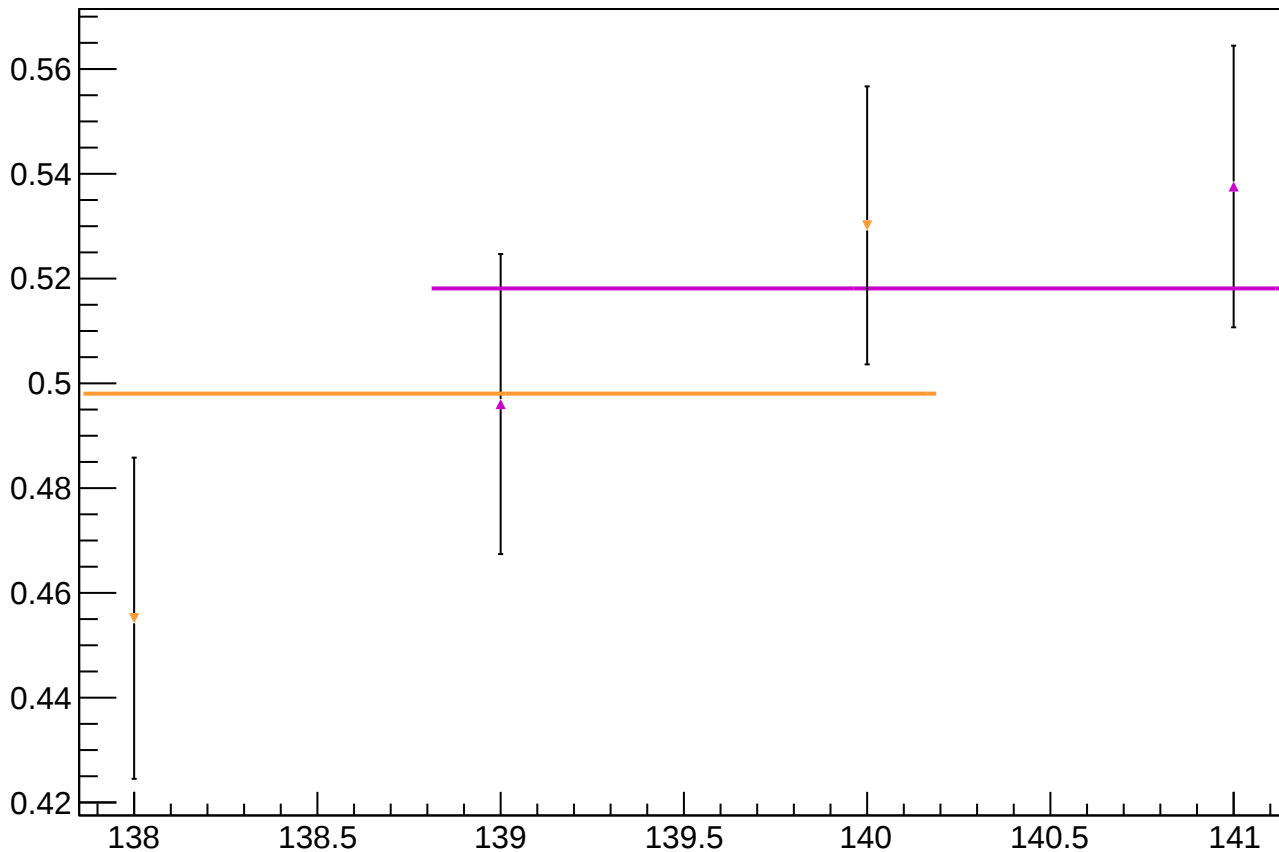
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.407+/-0.494 χ^2/NDF : 69.5/1

Out: -23.569+/-0.455 χ^2/NDF : 0.5/1

All: -21.202+/-0.335 χ^2/NDF : 129.0/3

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: 0.498+/-0.020 χ^2/NDF : 3.4/1

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: 0.508+/-0.014 χ^2/NDF : 5.1/3

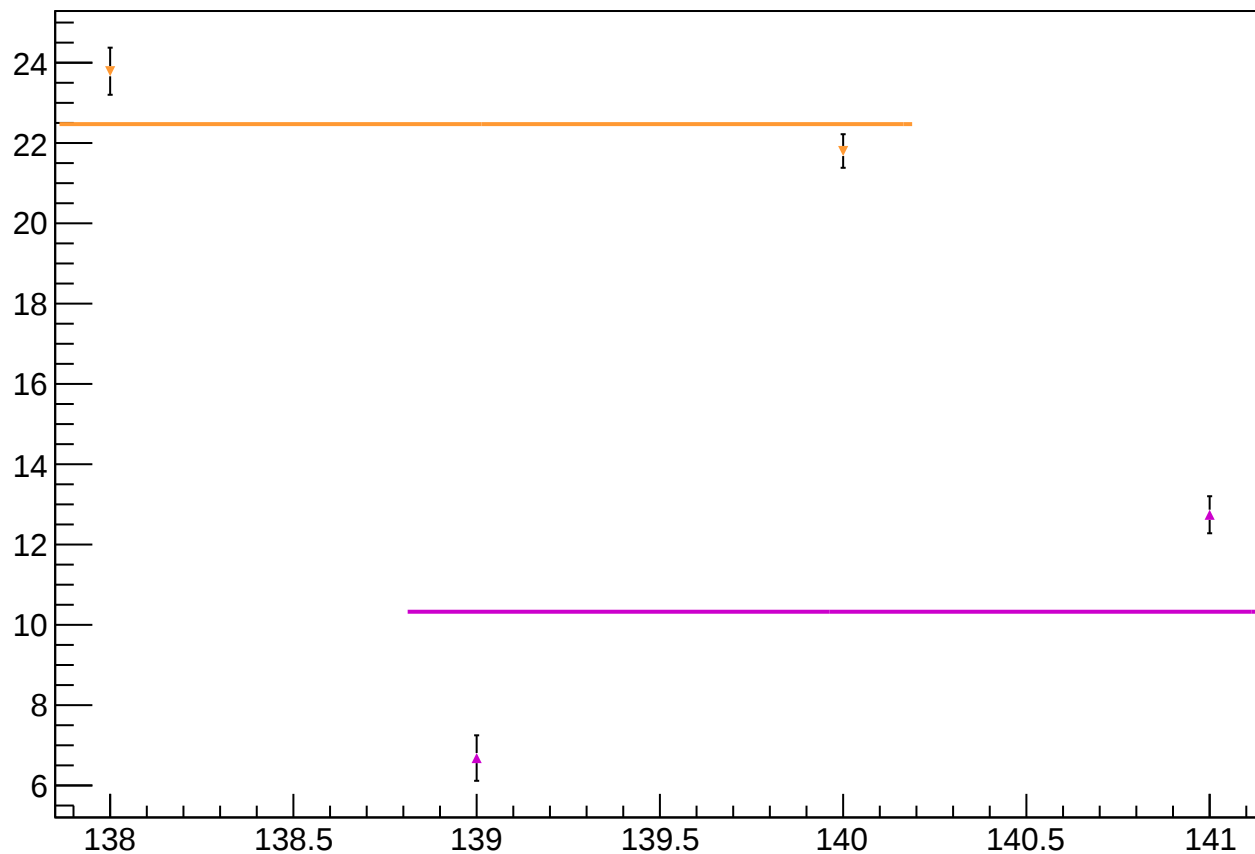
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.518+/-0.020 χ^2/NDF : 1.1/1

Out: 0.498+/-0.020 χ^2/NDF : 3.4/1

All: 0.508+/-0.014 χ^2/NDF : 5.1/3

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: 22.471+/-0.341 χ^2/NDF : 7.6/1

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: 16.694+/-0.247 χ^2/NDF : 681.2/3

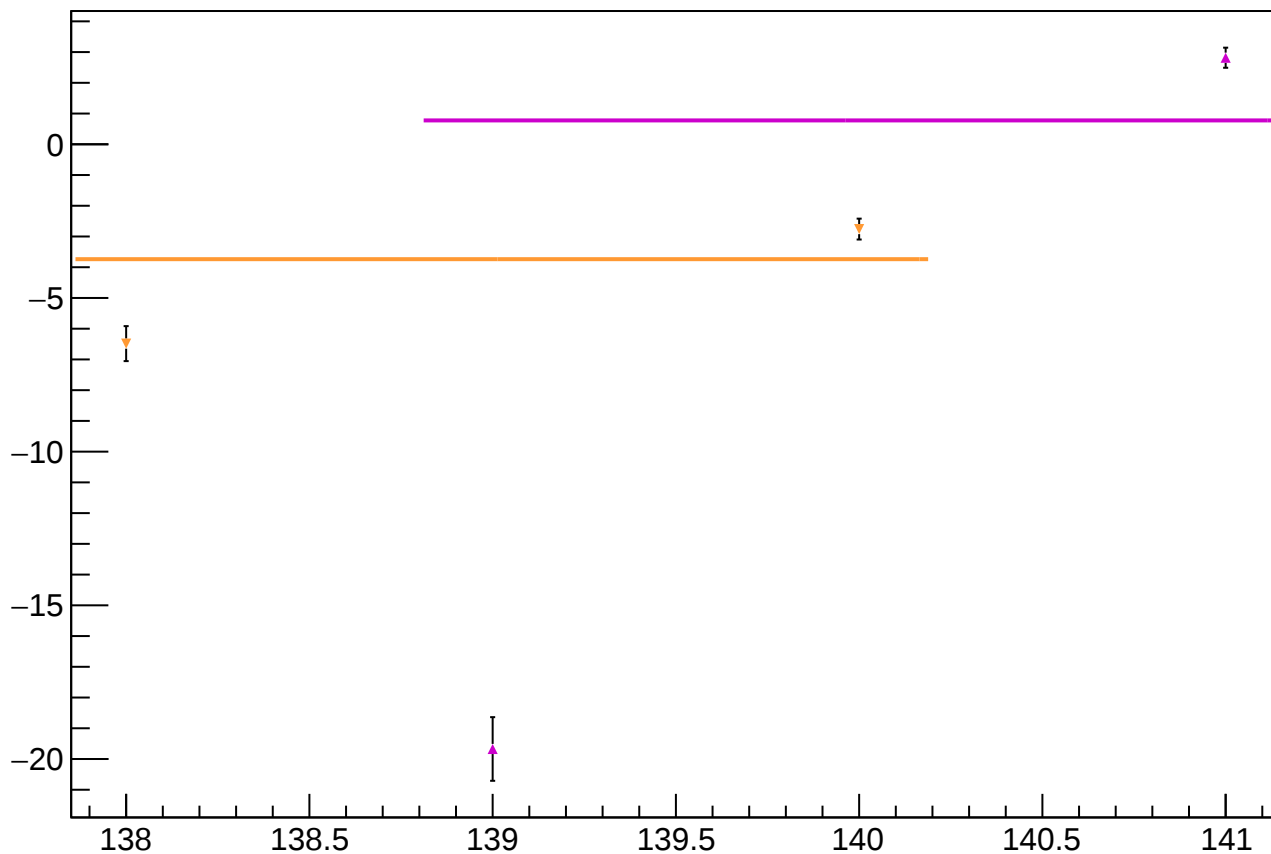
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.327+/-0.358 χ^2/NDF : 68.8/1

Out: 22.471+/-0.341 χ^2/NDF : 7.6/1

All: 16.694+/-0.247 χ^2/NDF : 681.2/3

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3.738+/-0.292 χ^2/NDF :31.6/1

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: -1.631+/-0.213 χ^2/NDF : 572.6/3

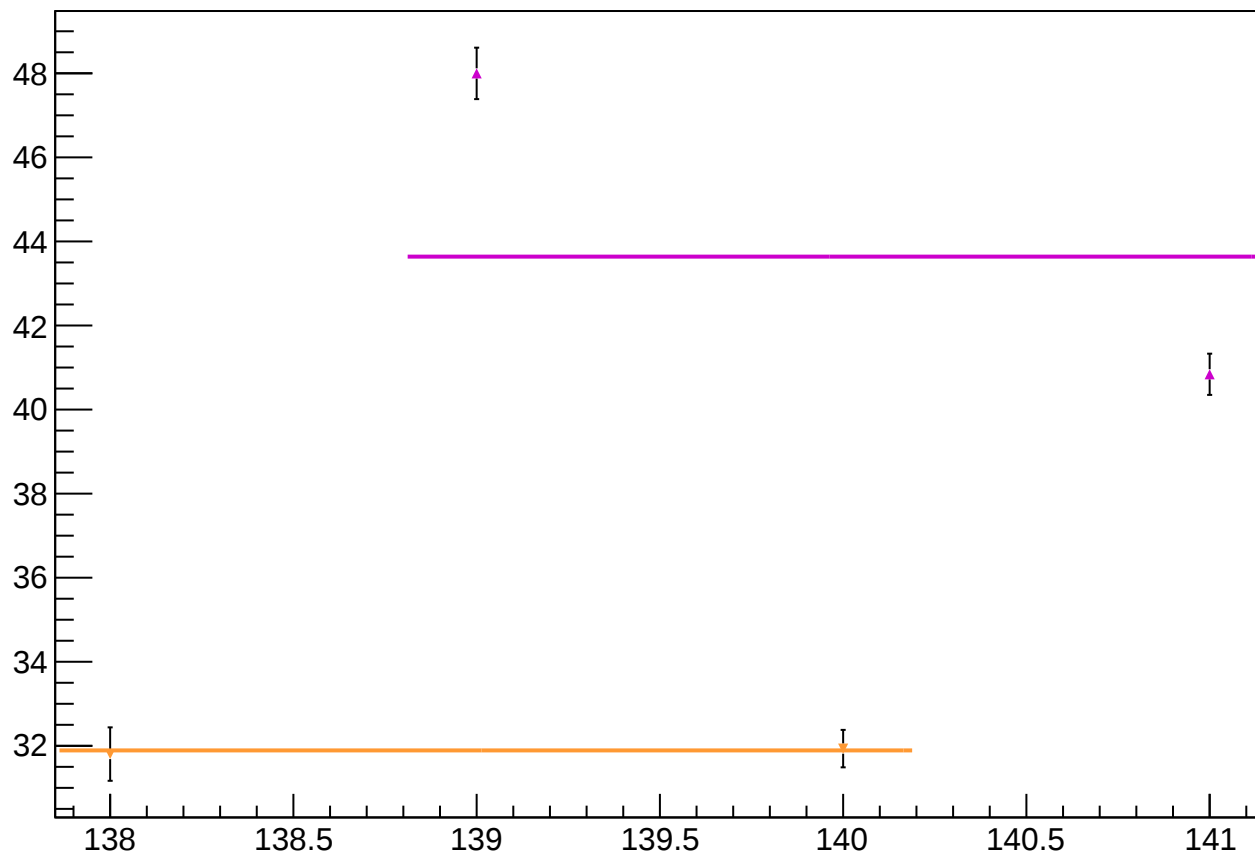
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.777+/-0.312 χ^2/NDF :429.1/1

Out: -3.738+/-0.292 χ^2/NDF :31.6/1

All: -1.631+/-0.213 χ^2/NDF : 572.6/3

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: 31.891+/-0.365 χ^2/NDF : 0.0/1

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: 37.485+/-0.264 χ^2/NDF : 577.1/3

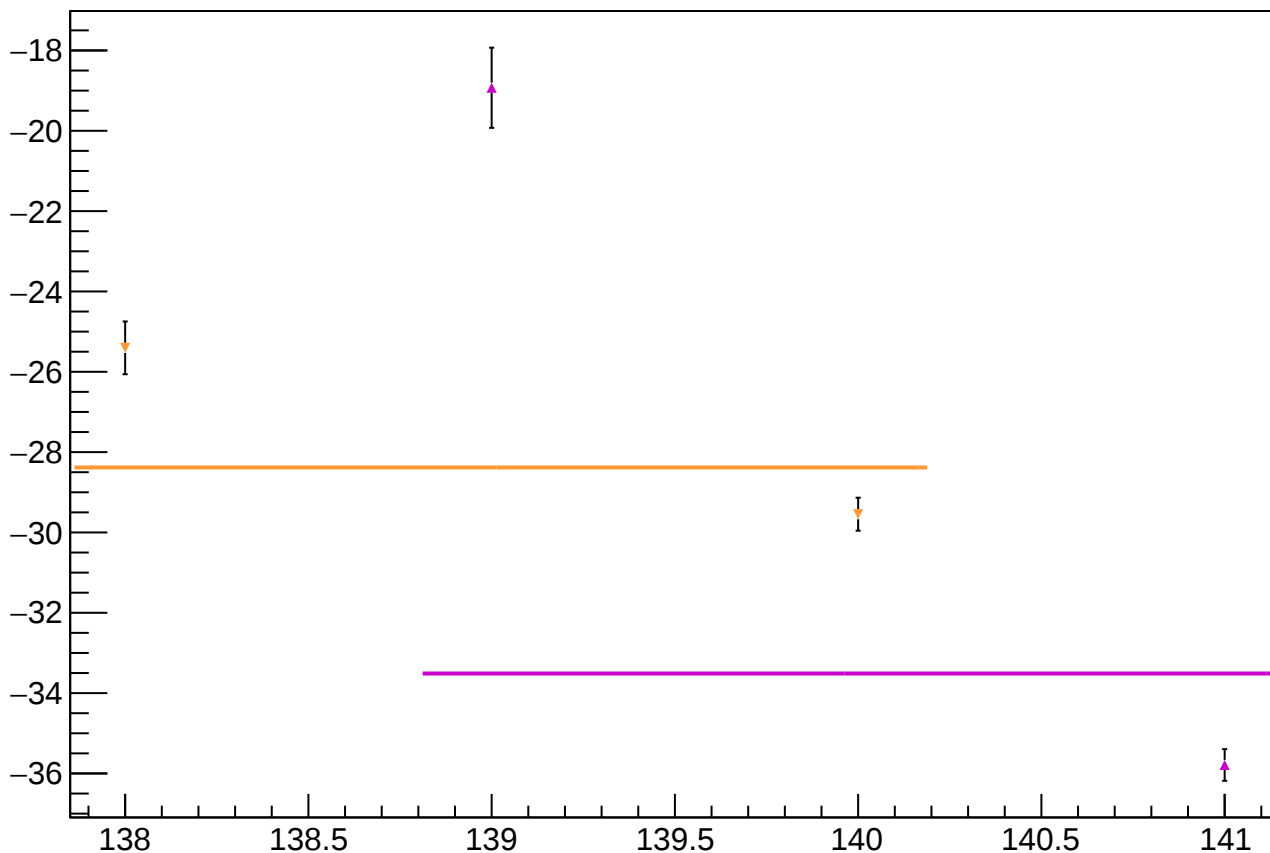
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 43.639+/-0.383 χ^2/NDF : 83.3/1

Out: 31.891+/-0.365 χ^2/NDF : 0.0/1

All: 37.485+/-0.264 χ^2/NDF : 577.1/3

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -28.382+/-0.348 χ^2/NDF :28.6/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.512+/-0.367 χ^2/NDF :246.9/1

Left: -30.814+/-0.253 χ^2/NDF : 378.4/3

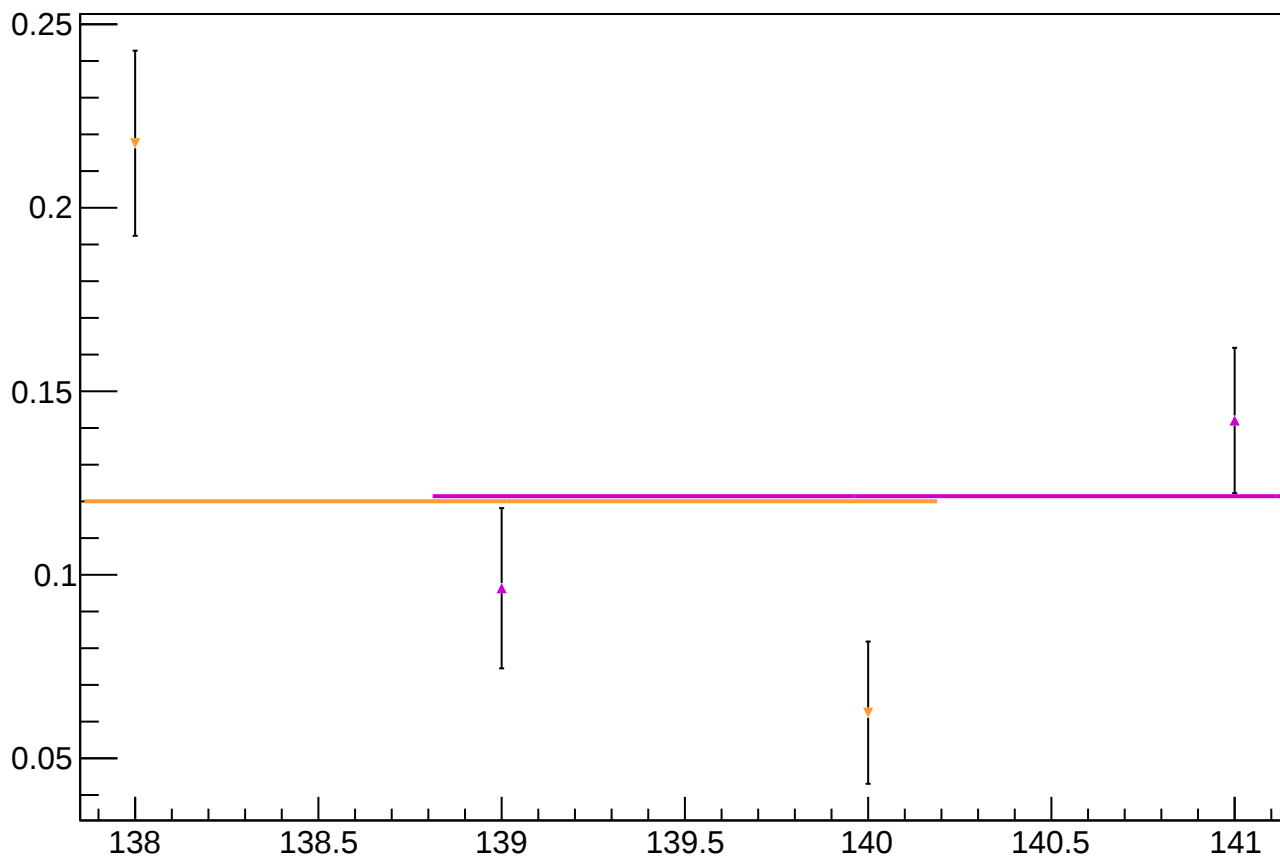
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.512+/-0.367 χ^2/NDF :246.9/1

Out: -28.382+/-0.348 χ^2/NDF :28.6/1

All: -30.814+/-0.253 χ^2/NDF : 378.4/3

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: 0.120+/-0.015 χ^2/NDF :23.8/1

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: 0.121+/-0.011 χ^2/NDF : 26.2/3

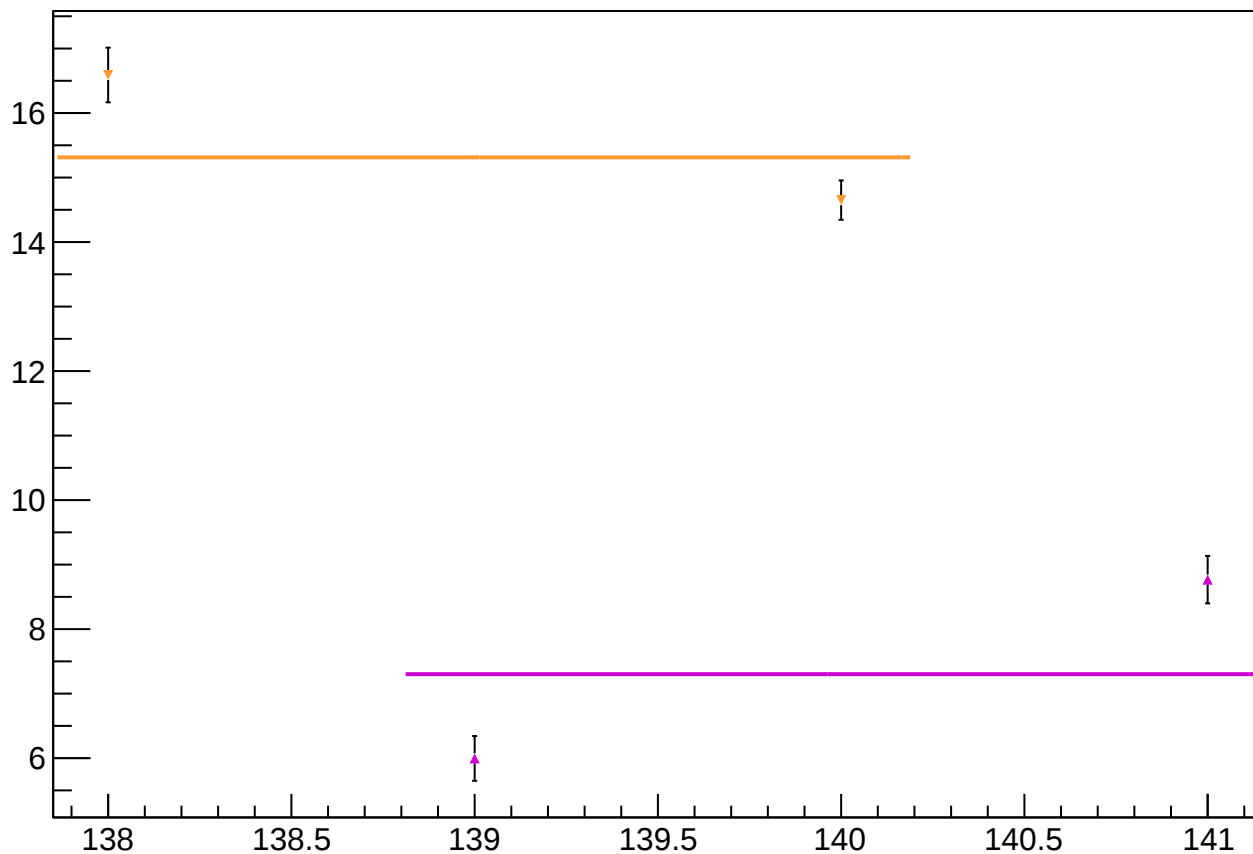
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.121+/-0.015 χ^2/NDF :2.4/1

Out: 0.120+/-0.015 χ^2/NDF :23.8/1

All: 0.121+/-0.011 χ^2/NDF : 26.2/3

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: 15.313+/-0.248 χ^2 /NDF:13.8/1

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: 11.384+/-0.177 χ^2 /NDF: 557.0/3

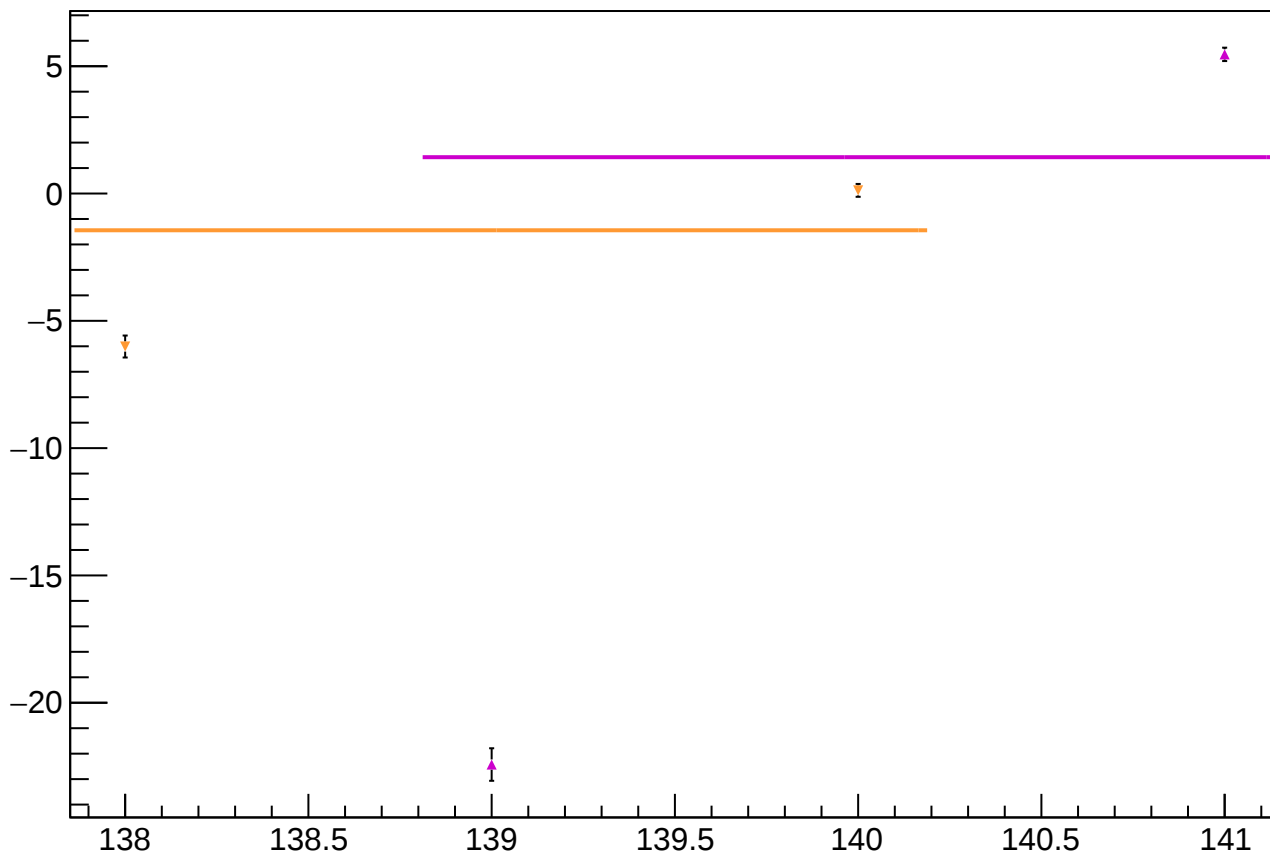
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 7.302+/-0.252 χ^2 /NDF:30.0/1

Out: 15.313+/-0.248 χ^2 /NDF:13.8/1

All: 11.384+/-0.177 χ^2 /NDF: 557.0/3

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.443+/-0.218 χ^2/NDF :150.4/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.427+/-0.243 χ^2/NDF :1629.6/1

Left: -0.163+/-0.162 χ^2/NDF : 1857.3/3

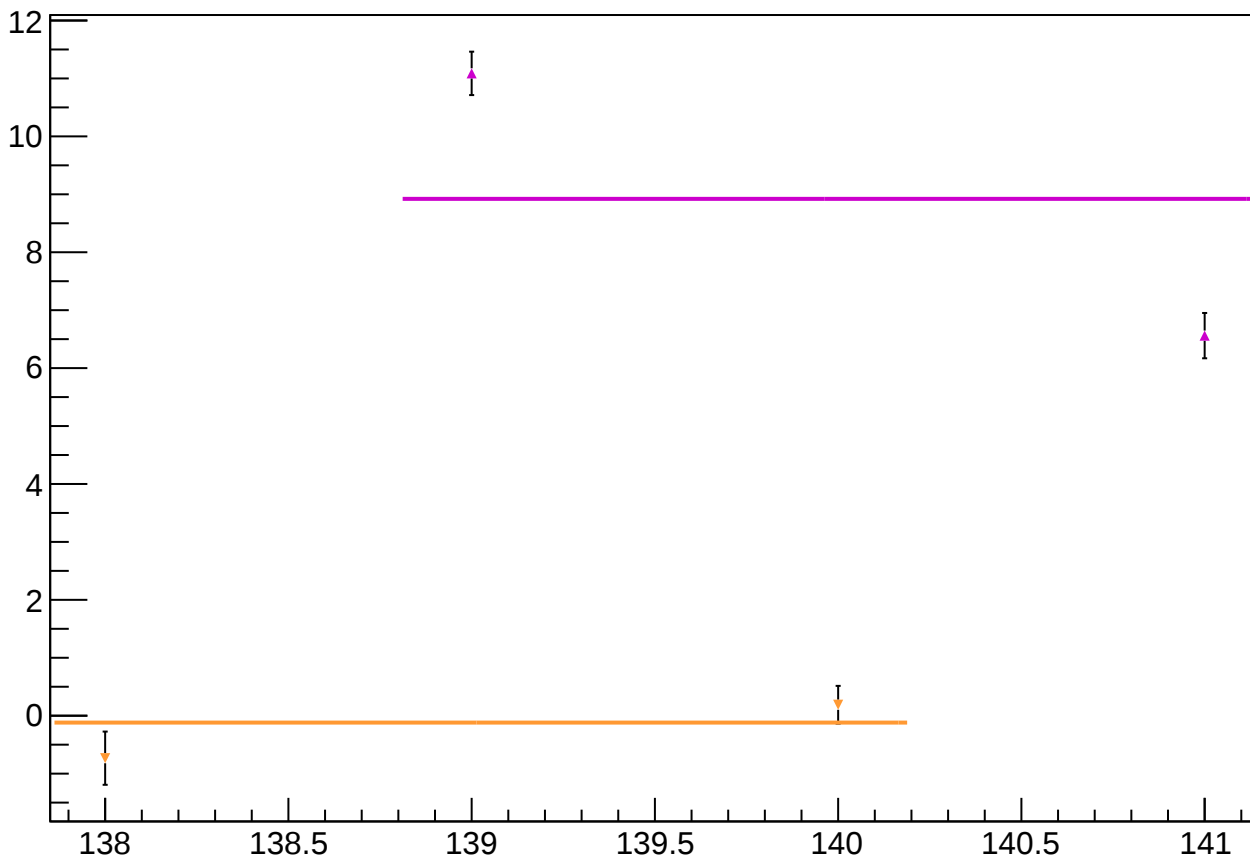
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.427+/-0.243 χ^2/NDF :1629.6/1

Out: -1.443+/-0.218 χ^2/NDF :150.4/1

All: -0.163+/-0.162 χ^2/NDF : 1857.3/3

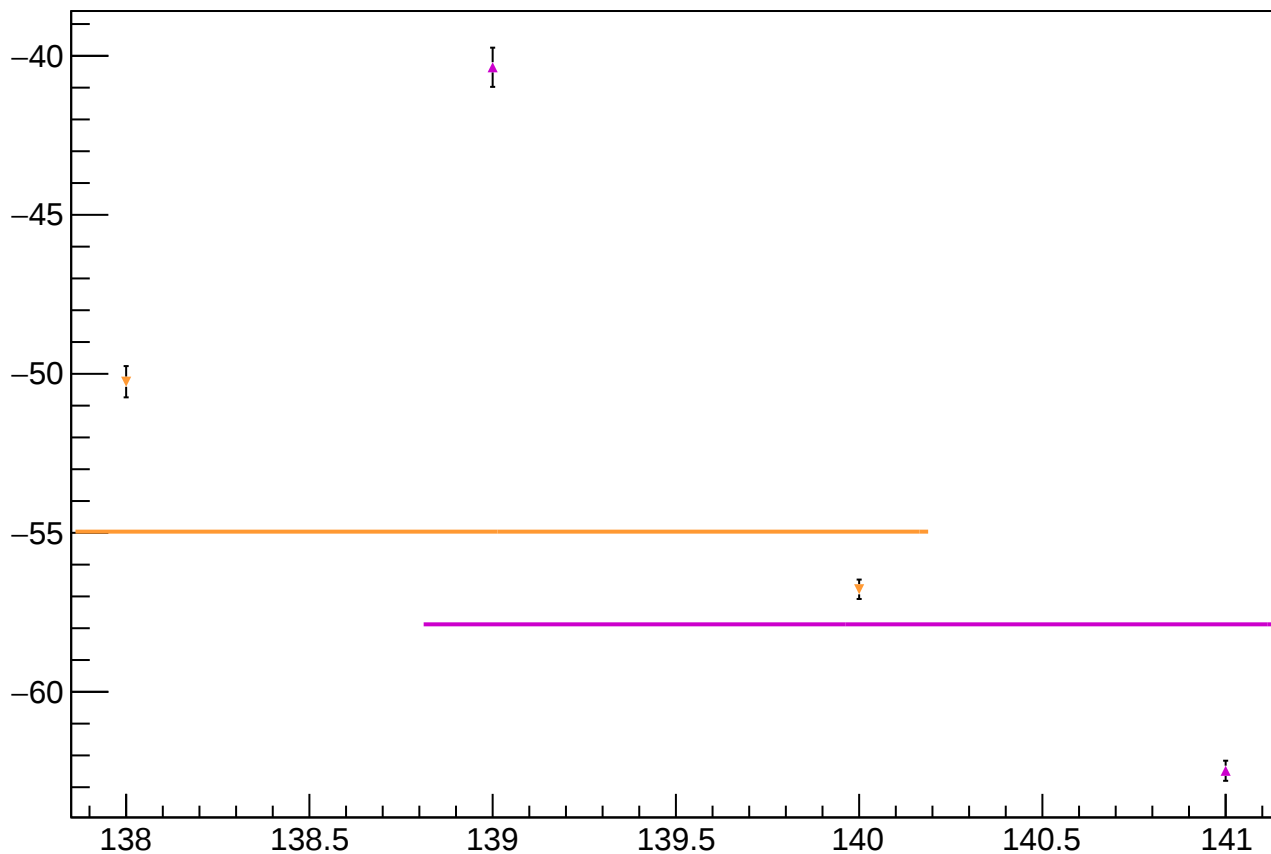
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.119+/-0.265 χ^2/NDF :2.7/1
 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: 4.316+/-0.189 χ^2/NDF : 641.4/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.921+/-0.271 χ^2/NDF :69.9/1
 Out: -0.119+/-0.265 χ^2/NDF :2.7/1
 All: 4.316+/-0.189 χ^2/NDF : 641.4/3

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: -54.963+/-0.259 χ^2 /NDF:127.3/1

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: -56.301+/-0.191 χ^2 /NDF: 1205.8/3

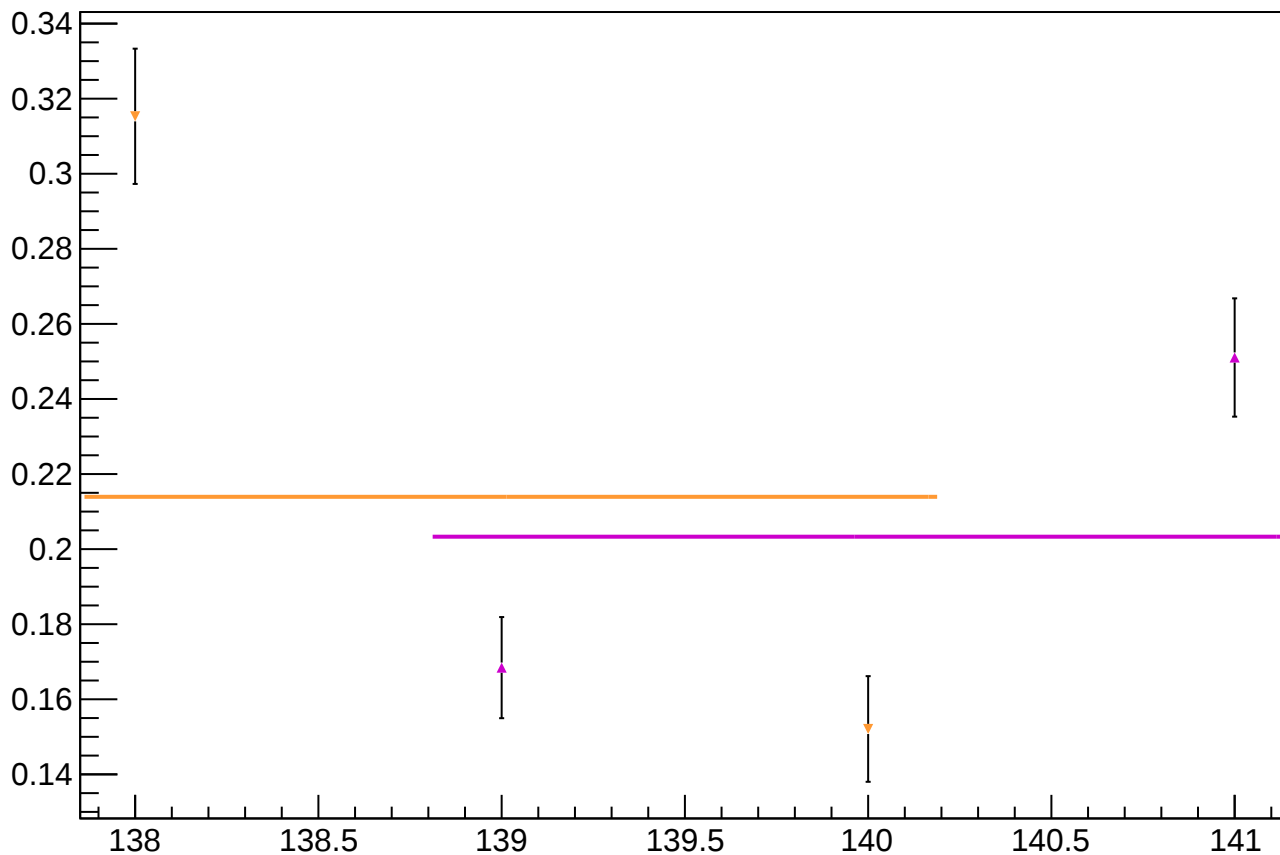
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -57.878+/-0.281 χ^2 /NDF:1020.4/1

Out: -54.963+/-0.259 χ^2 /NDF:127.3/1

All: -56.301+/-0.191 χ^2 /NDF: 1205.8/3

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.214+/-0.011 χ^2/NDF : 51.0/1

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.203+/-0.010 χ^2/NDF : 15.9/1

Left: 0.208+/-0.008 χ^2/NDF : 67.3/3

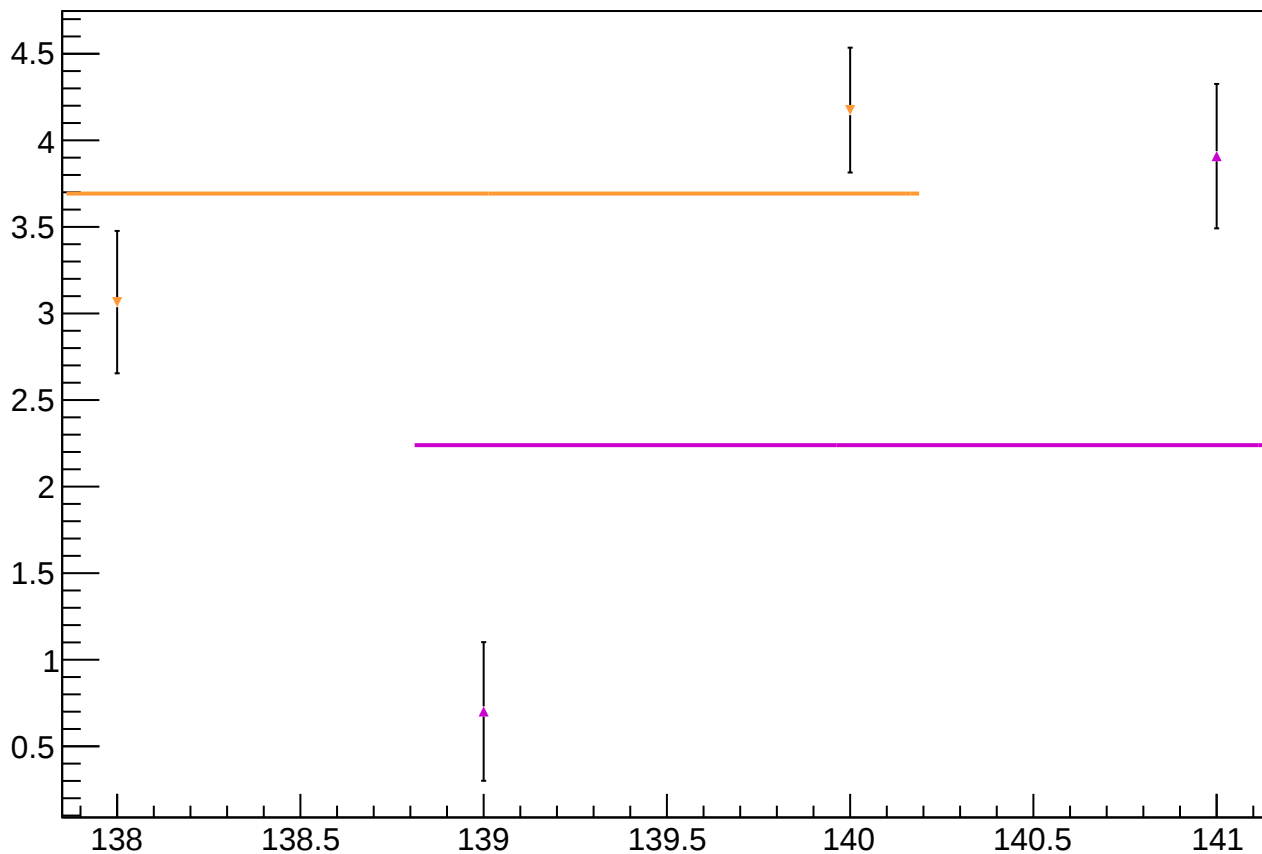
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.203+/-0.010 χ^2/NDF : 15.9/1

Out: 0.214+/-0.011 χ^2/NDF : 51.0/1

All: 0.208+/-0.008 χ^2/NDF : 67.3/3

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: 3.693+/-0.271 χ^2/NDF :4.1/1

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: 3.012+/-0.198 χ^2/NDF : 48.3/3

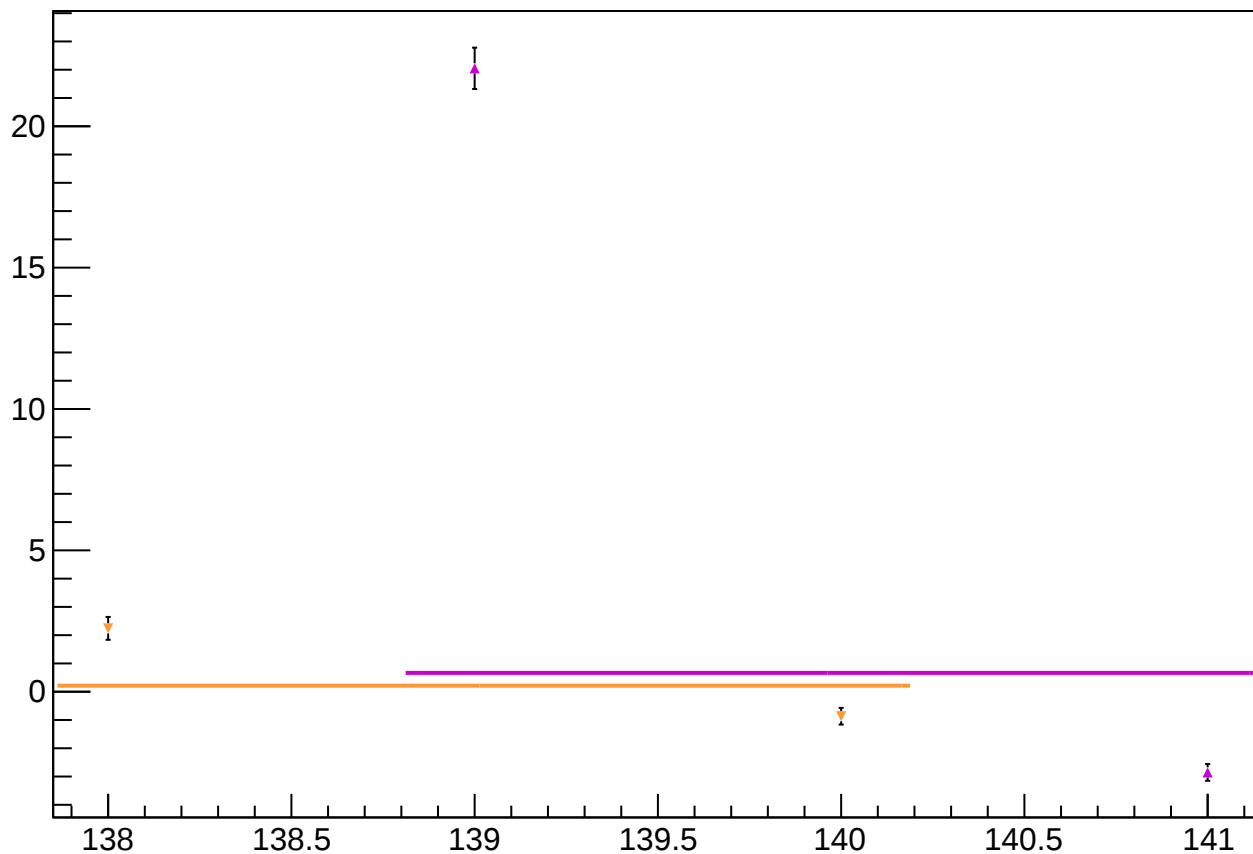
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.239+/-0.289 χ^2/NDF :30.8/1

Out: 3.693+/-0.271 χ^2/NDF :4.1/1

All: 3.012+/-0.198 χ^2/NDF : 48.3/3

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: 0.214+/-0.238 χ^2/NDF :38.6/1

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: 0.408+/-0.180 χ^2/NDF : 1036.5/3

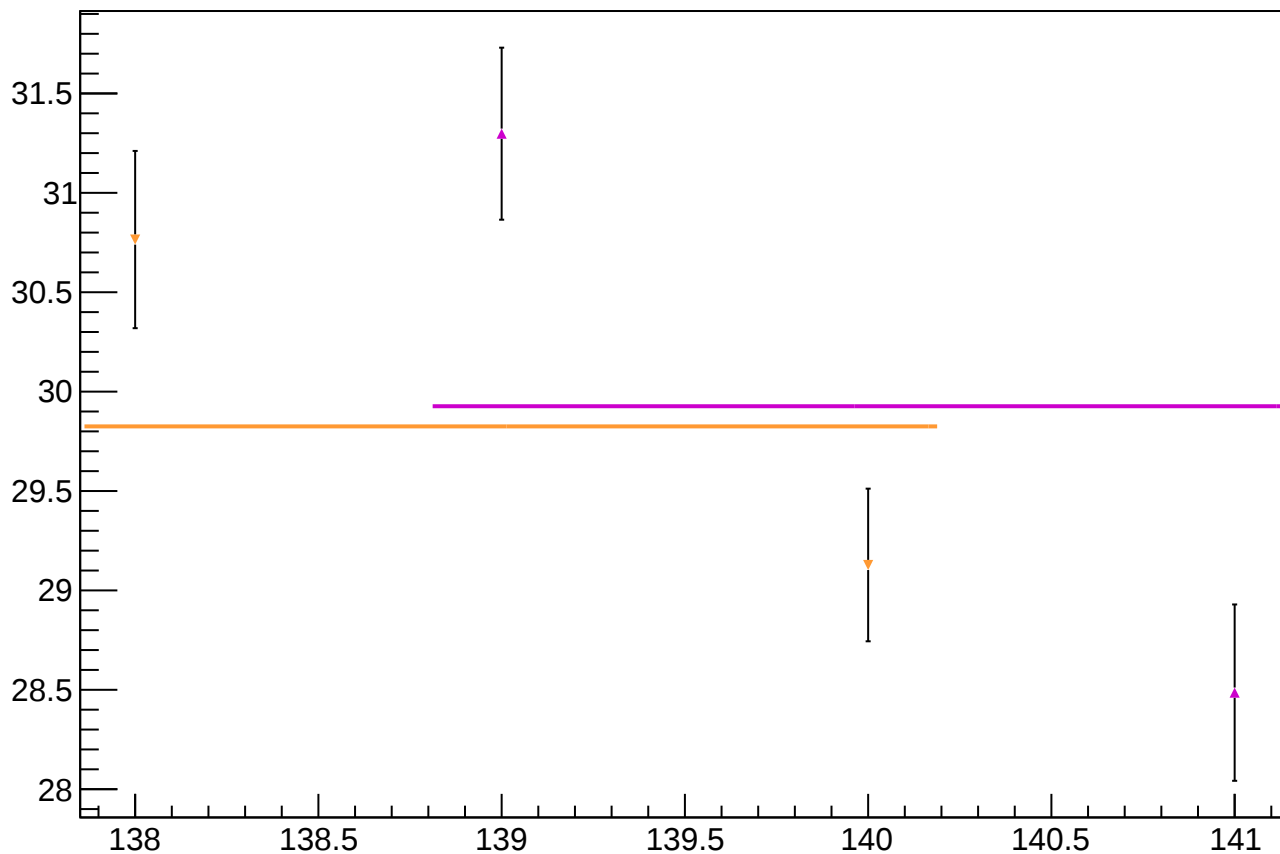
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.667+/-0.275 χ^2/NDF :996.4/1

Out: 0.214+/-0.238 χ^2/NDF :38.6/1

All: 0.408+/-0.180 χ^2/NDF : 1036.5/3

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: 29.825+/-0.291 χ^2/NDF : 7.7/1

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: 29.873+/-0.212 χ^2/NDF : 28.4/3

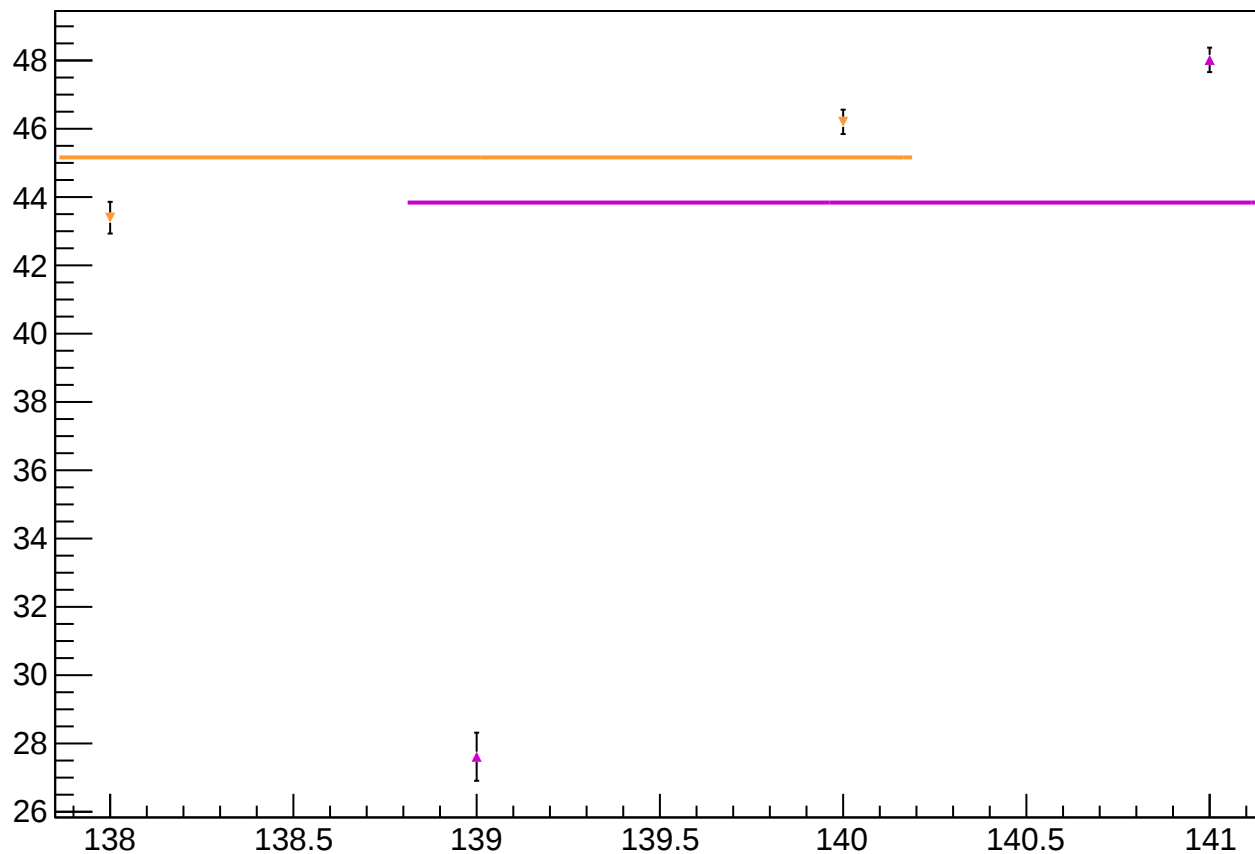
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.927+/-0.310 χ^2/NDF : 20.6/1

Out: 29.825+/-0.291 χ^2/NDF : 7.7/1

All: 29.873+/-0.212 χ^2/NDF : 28.4/3

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: 45.161+/-0.283 χ^2/NDF :22.9/1

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: 44.578+/-0.212 χ^2/NDF : 699.5/3

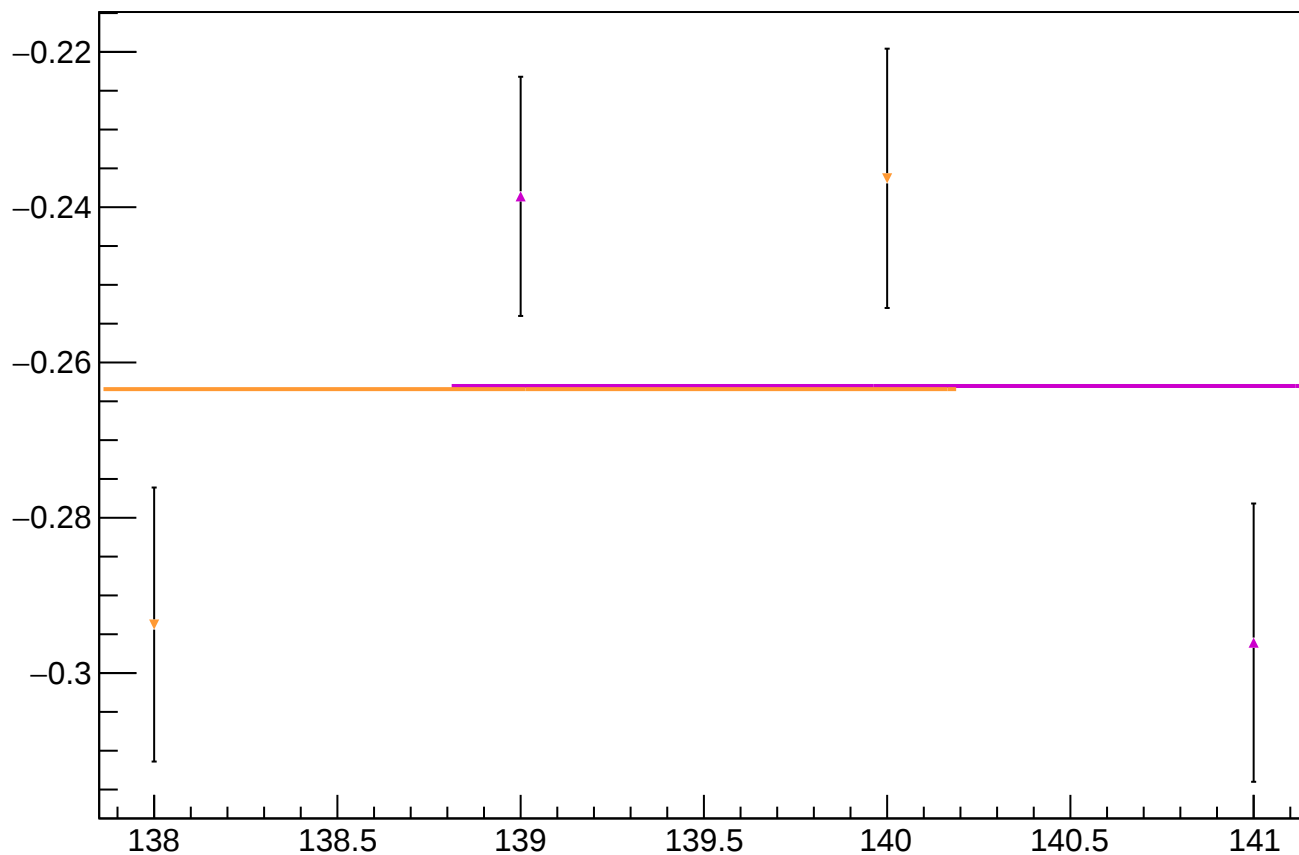
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 43.839+/-0.319 χ^2/NDF :667.0/1

Out: 45.161+/-0.283 χ^2/NDF :22.9/1

All: 44.578+/-0.212 χ^2/NDF : 699.5/3

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: -0.263 ± 0.012 χ^2/NDF : 5.6/1

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: -0.263 ± 0.008 χ^2/NDF : 11.5/3

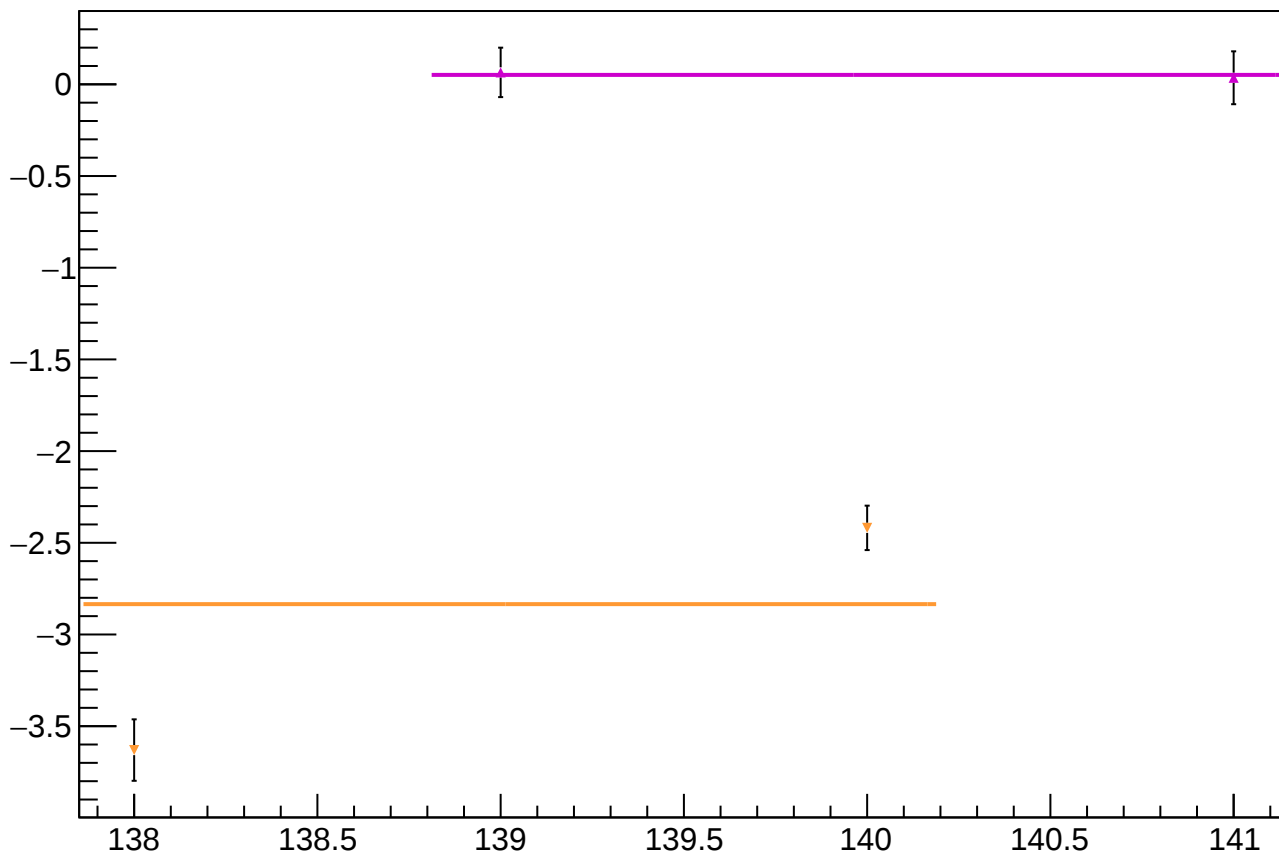
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -0.263 ± 0.012 χ^2/NDF : 5.9/1

Out: -0.263 ± 0.012 χ^2/NDF : 5.6/1

All: -0.263 ± 0.008 χ^2/NDF : 11.5/3

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: -2.835+/-0.098 χ^2/NDF :34.4/1

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: -1.396+/-0.070 χ^2/NDF : 465.3/3

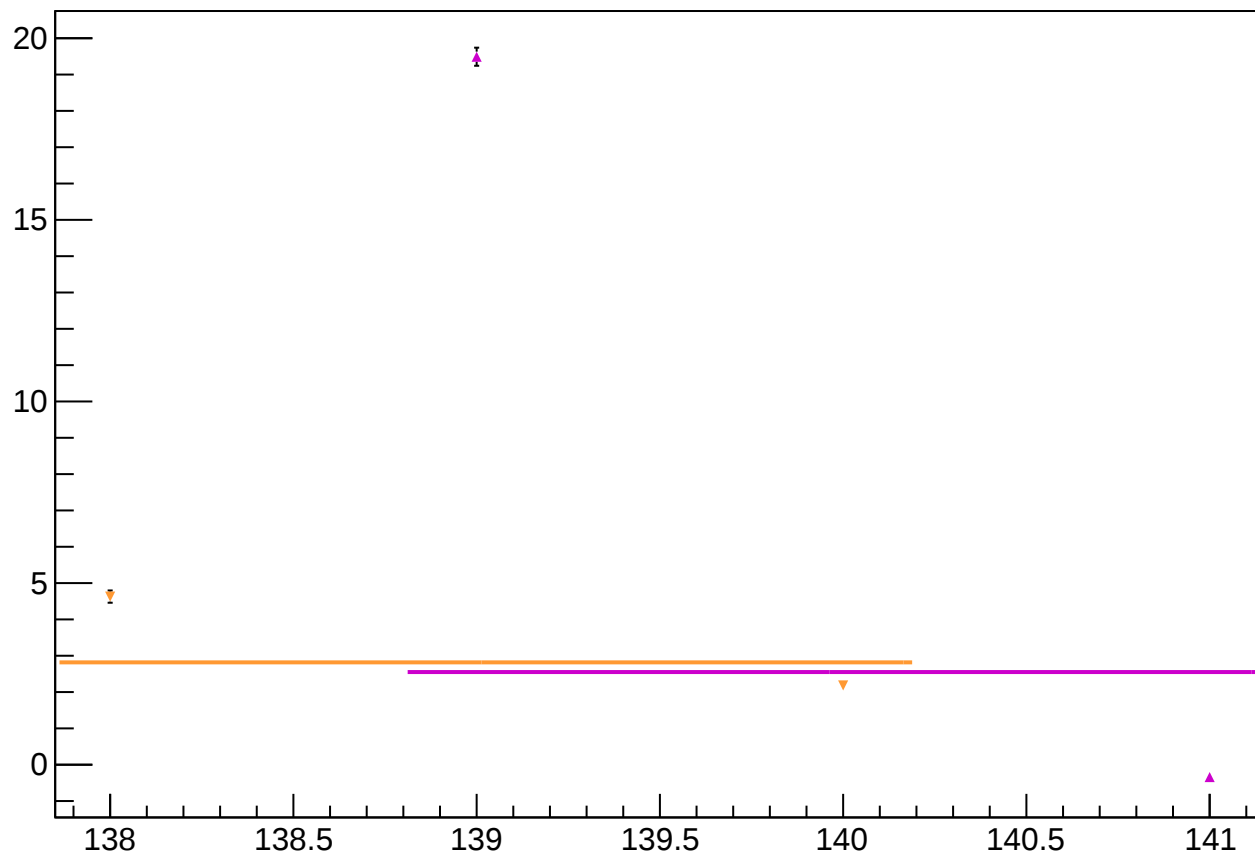
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.051+/-0.098 χ^2/NDF :0.0/1

Out: -2.835+/-0.098 χ^2/NDF :34.4/1

All: -1.396+/-0.070 χ^2/NDF : 465.3/3

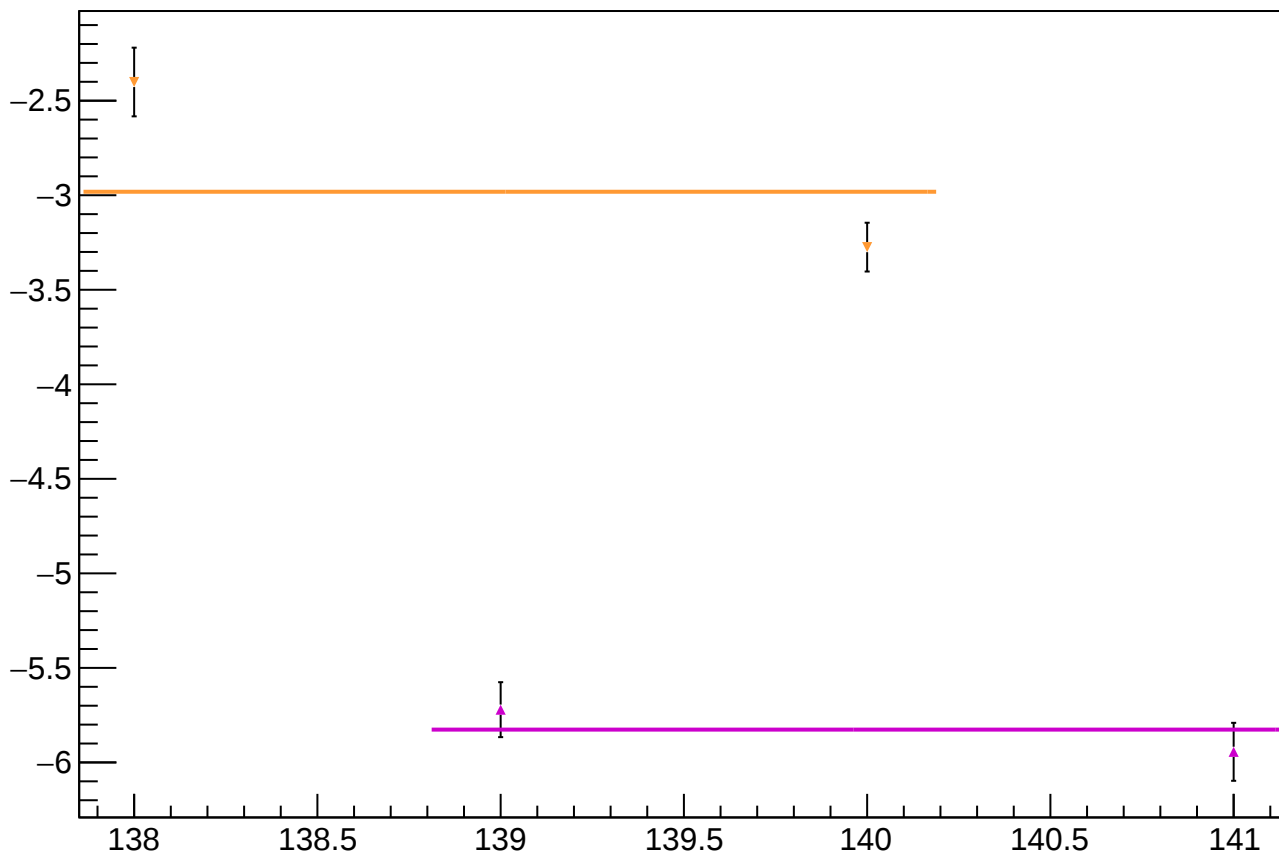
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.817 $\pm$ 0.086 χ^2 /NDF:154.8/1
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.551 $\pm$ 0.095 χ^2 /NDF:5409.9/1

Left: 2.697 $\pm$ 0.064 χ^2 /NDF: 5569.0/3
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.551 $\pm$ 0.095 χ^2 /NDF:5409.9/1
 Out: 2.817 $\pm$ 0.086 χ^2 /NDF:154.8/1
 All: 2.697 $\pm$ 0.064 χ^2 /NDF: 5569.0/3

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: -2.982+/-0.105 χ^2/NDF :15.4/1

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: -4.400+/-0.074 χ^2/NDF : 381.2/3

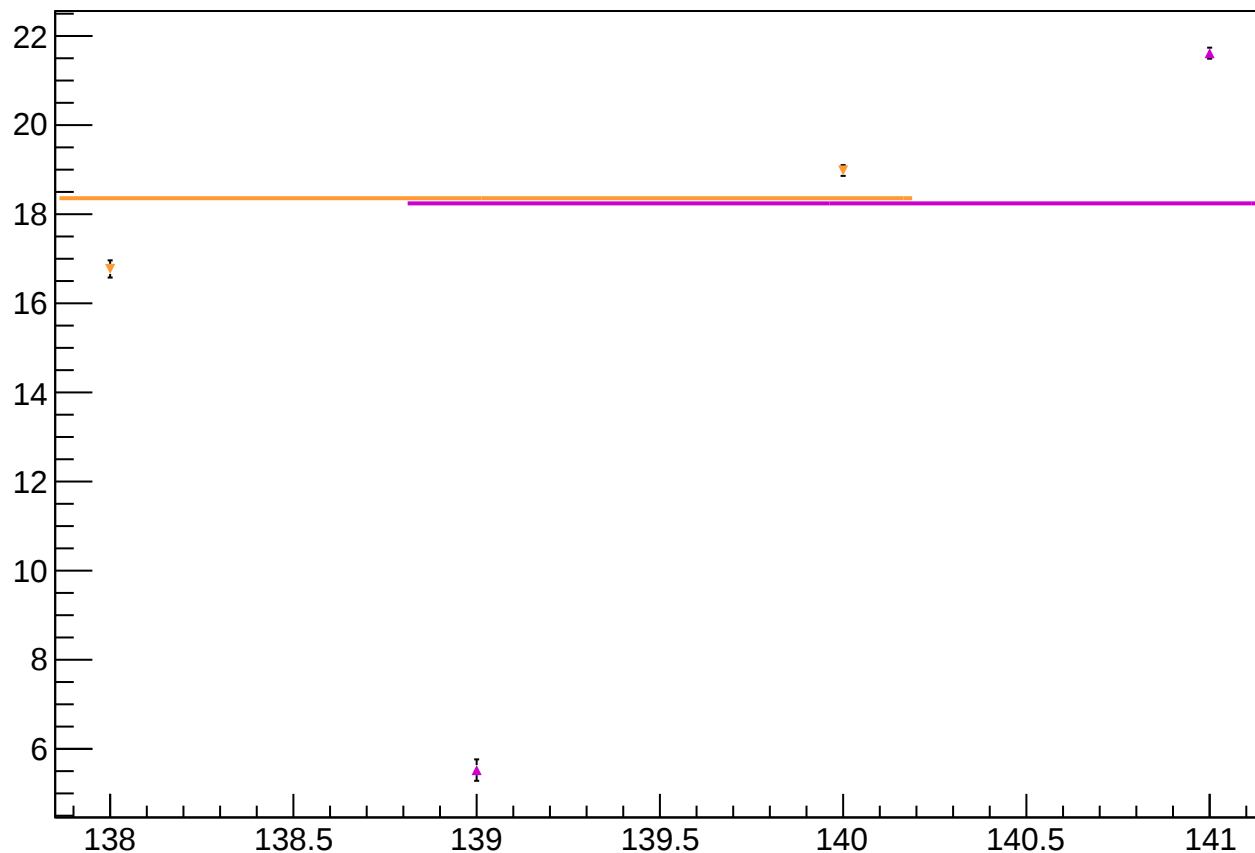
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.826+/-0.105 χ^2/NDF :1.1/1

Out: -2.982+/-0.105 χ^2/NDF :15.4/1

All: -4.400+/-0.074 χ^2/NDF : 381.2/3

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: 18.359+/-0.102 χ^2/NDF :94.0/1

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: 18.305+/-0.075 χ^2/NDF : 3634.0/3

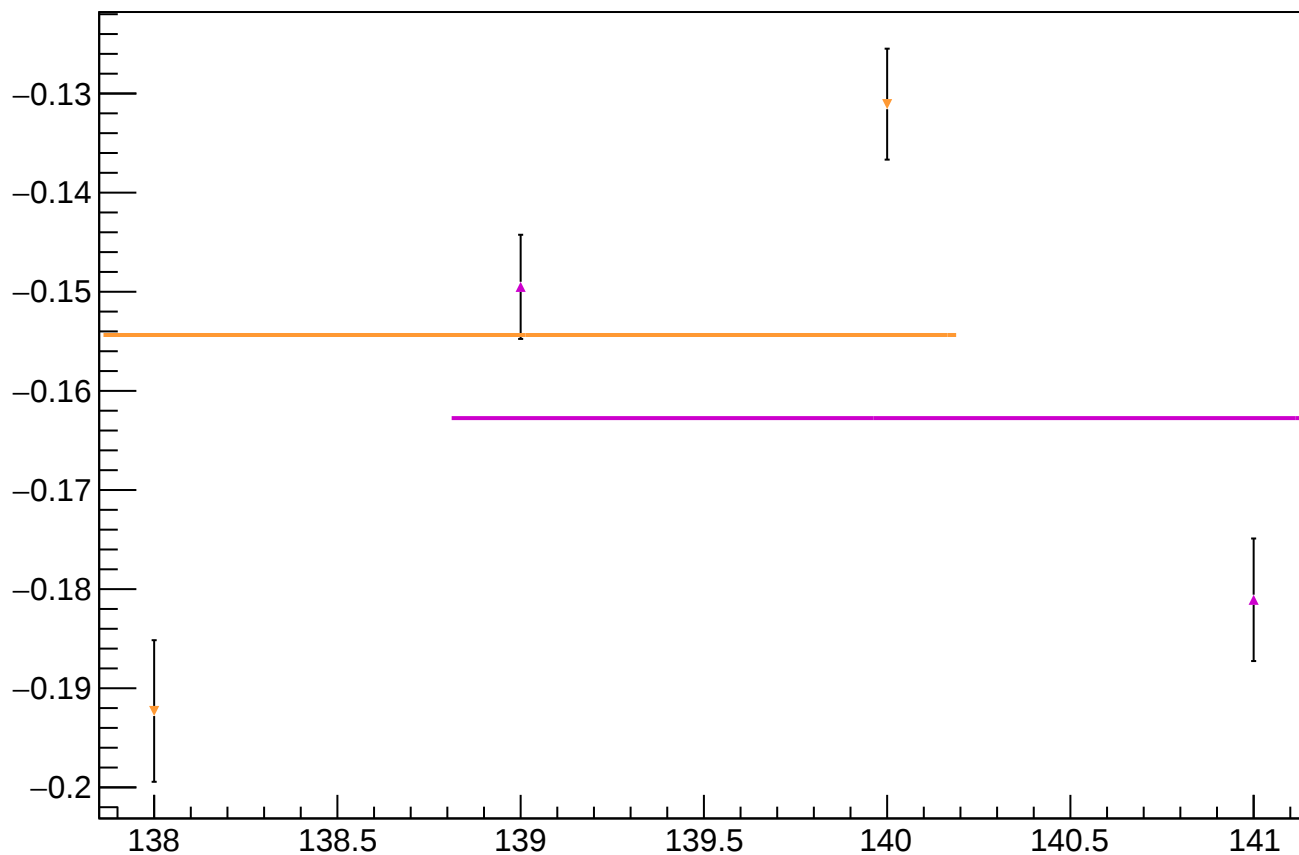
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.243+/-0.110 χ^2/NDF :3539.3/1

Out: 18.359+/-0.102 χ^2/NDF :94.0/1

All: 18.305+/-0.075 χ^2/NDF : 3634.0/3

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: -0.154+/-0.004 χ^2/NDF :45.5/1

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: -0.159+/-0.003 χ^2/NDF : 62.6/3

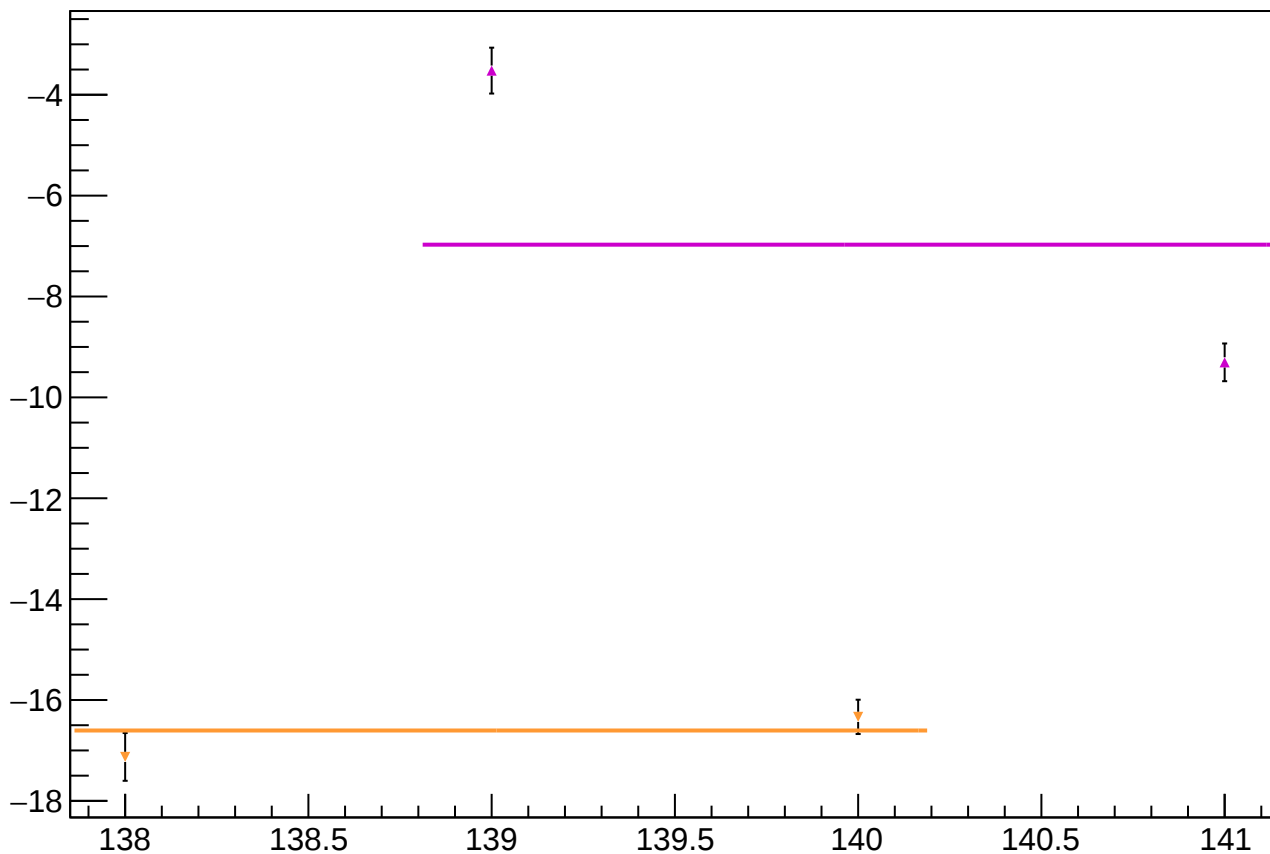
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.163+/-0.004 χ^2/NDF :15.1/1

Out: -0.154+/-0.004 χ^2/NDF :45.5/1

All: -0.159+/-0.003 χ^2/NDF : 62.6/3

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: -16.605 ± 0.276 χ^2/NDF : 1.9/1

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: -12.004 ± 0.200 χ^2/NDF : 679.3/3

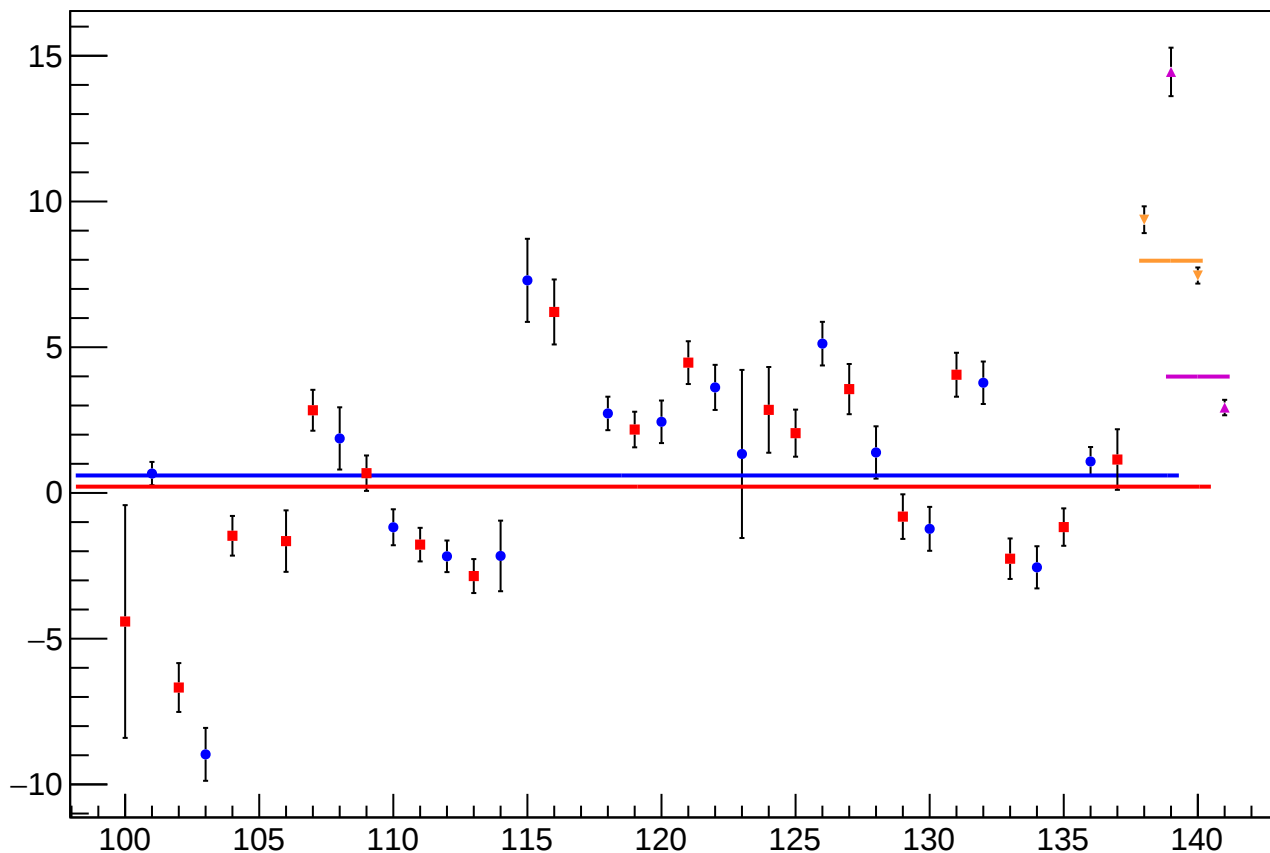
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -6.972 ± 0.289 χ^2/NDF : 96.5/1

Out: -16.605 ± 0.276 χ^2/NDF : 1.9/1

All: -12.004 ± 0.200 χ^2/NDF : 679.3/3

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 6.110 +/- 0.173 χ^2/NDF : 318.7/3

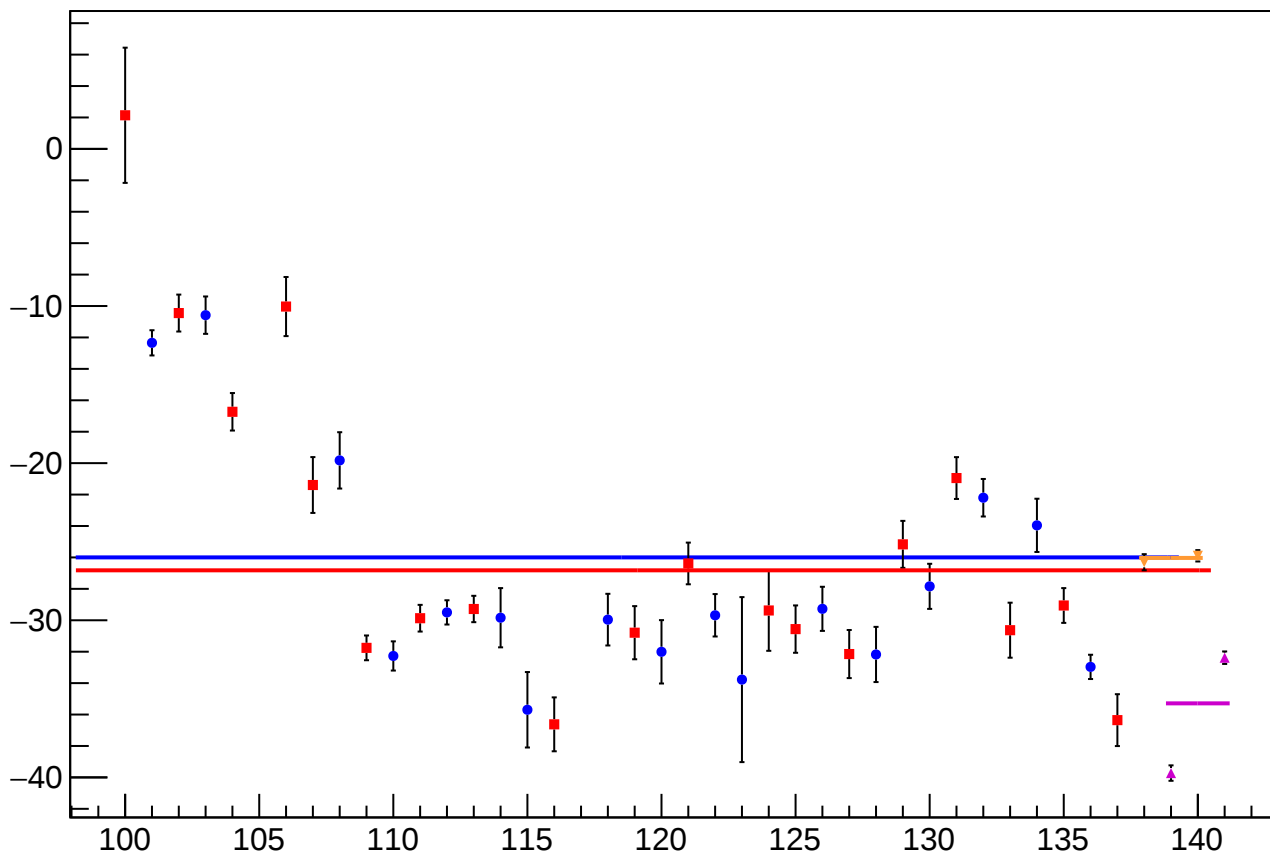
Right: 0.414 +/- 0.122 χ^2/NDF : 568.9/35

In: 1.651 +/- 0.141 χ^2/NDF : 590.5/18

Out: 2.947 +/- 0.141 χ^2/NDF : 981.8/20

All: 2.299 +/- 0.099 χ^2/NDF : 1614.8/39

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: -26.033 ± 0.296 χ^2/NDF : 0.4/1

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: -30.458 ± 0.214 χ^2/NDF : 603.3/3

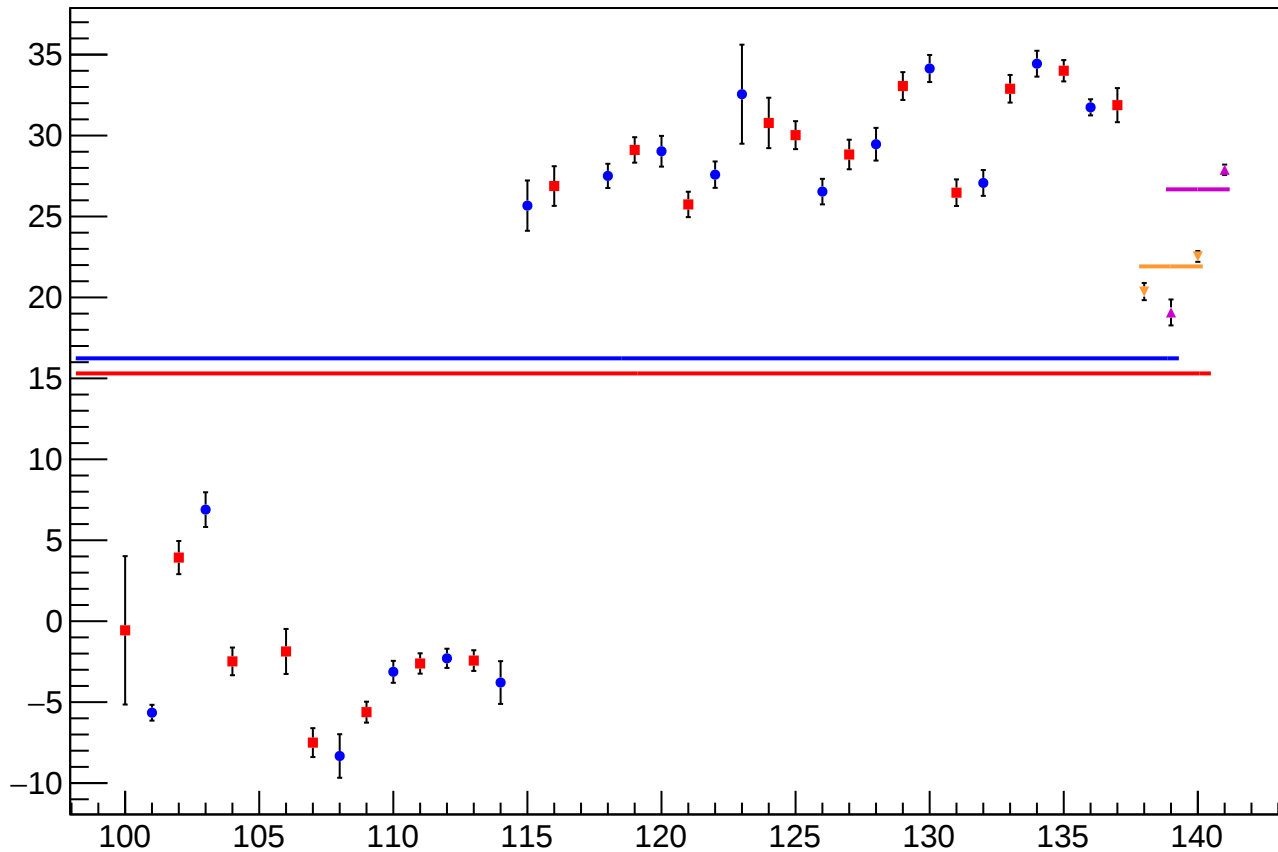
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -30.506 ± 0.215 χ^2/NDF : 1292.5/18

Out: -26.425 ± 0.210 χ^2/NDF : 584.9/20

All: -28.412 ± 0.150 χ^2/NDF : 2061.7/39

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: 21.917 $\pm$ 0.283 χ^2 /NDF:12.0/1

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: 24.179 $\pm$ 0.205 χ^2 /NDF: 251.1/3

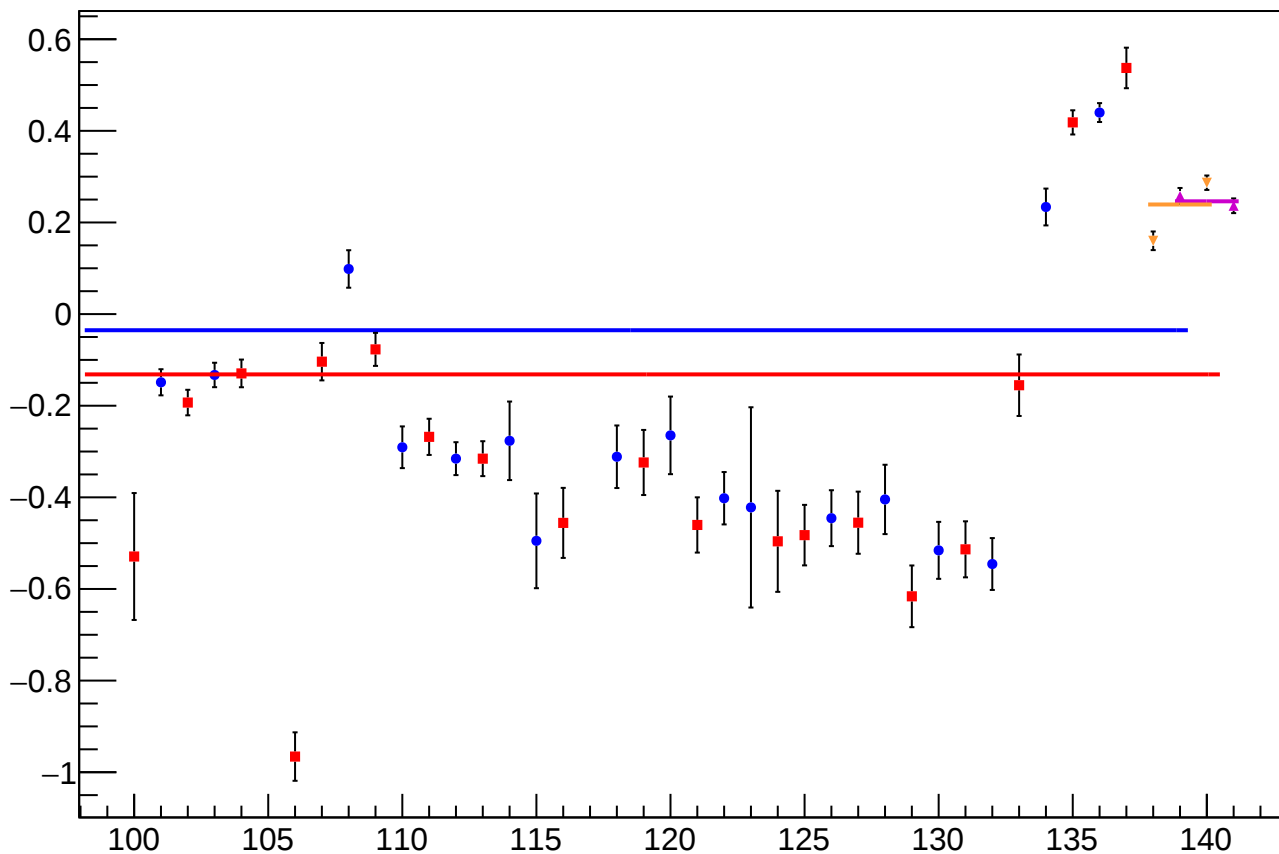
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 19.301 $\pm$ 0.161 χ^2 /NDF:8557.3/18

Out: 17.468 $\pm$ 0.162 χ^2 /NDF:7652.1/20

All: 18.388 $\pm$ 0.114 χ^2 /NDF: 16274.0/39

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: 0.239 ± 0.012 χ^2/NDF : 24.3/1

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: 0.243 ± 0.009 χ^2/NDF : 25.3/3

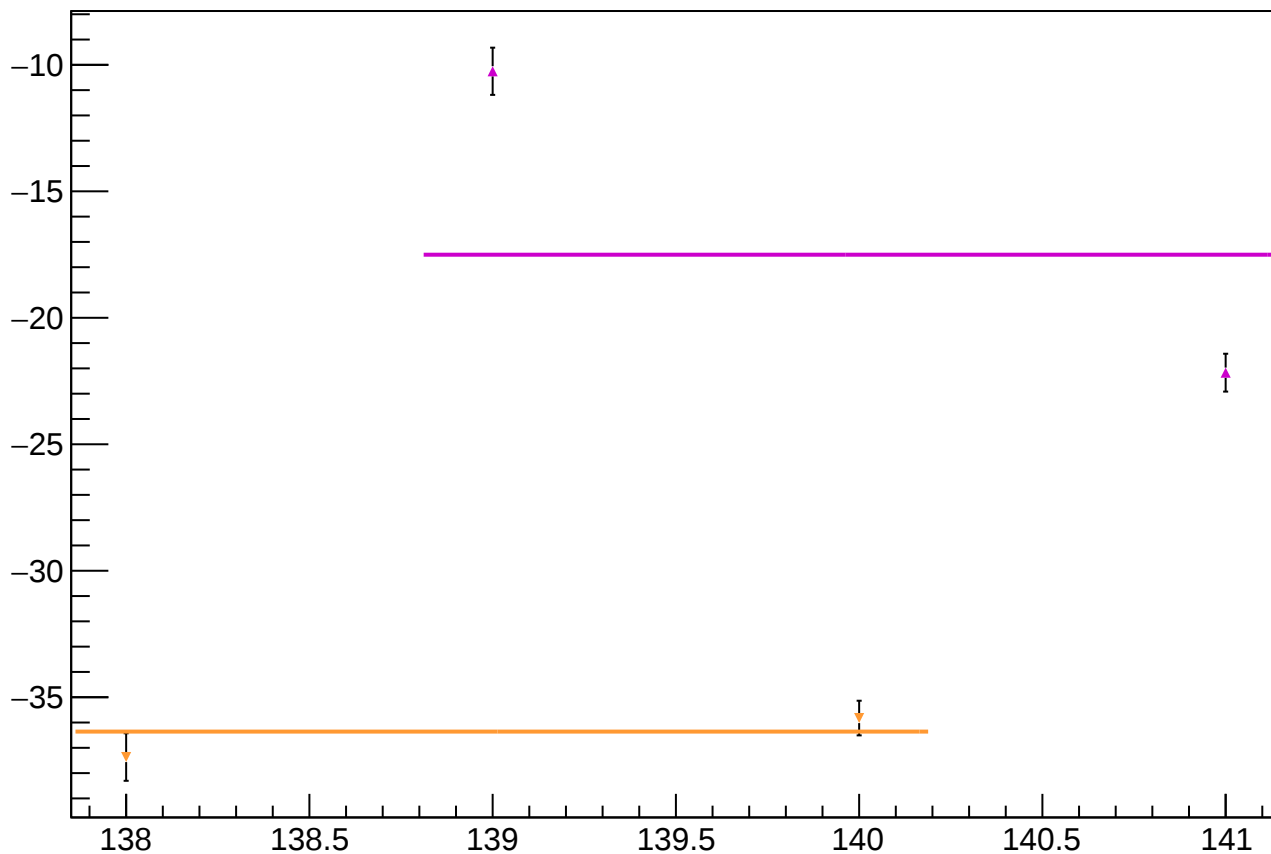
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.086 ± 0.008 χ^2/NDF : 1335.4/18

Out: 0.020 ± 0.008 χ^2/NDF : 1718.5/20

All: 0.054 ± 0.006 χ^2/NDF : 3089.2/39

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: -36.358+/-0.553 χ^2/NDF :1.8/1

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: -27.435+/-0.402 χ^2/NDF : 650.3/3

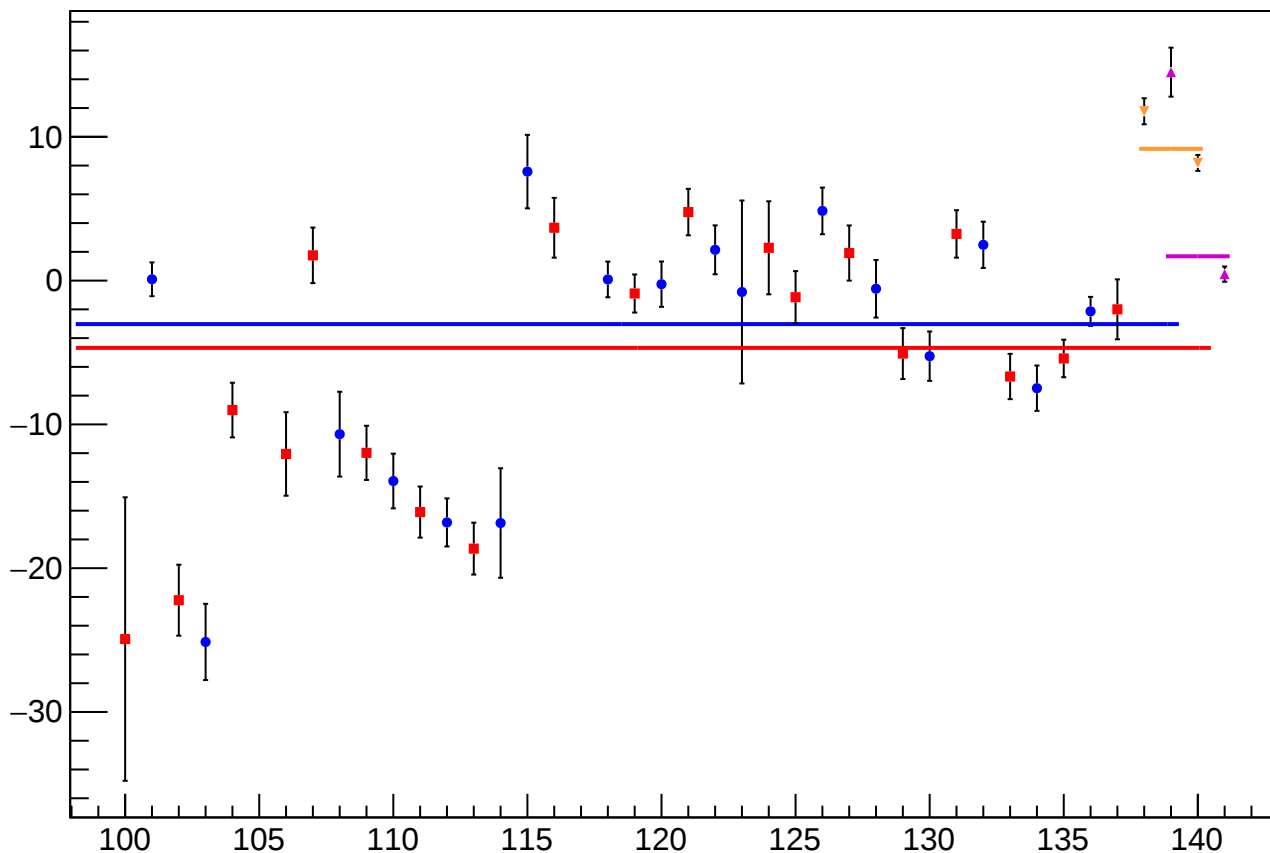
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.506+/-0.584 χ^2/NDF :99.2/1

Out: -36.358+/-0.553 χ^2/NDF :1.8/1

All: -27.435+/-0.402 χ^2/NDF : 650.3/3

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: 9.164 ± 0.473 $\chi^2/\text{NDF}: 11.4/1$

Right Out: -4.678 ± 0.426 $\chi^2/\text{NDF}: 299.1/18$

Left In: 1.691 ± 0.506 $\chi^2/\text{NDF}: 62.0/1$

Left: 5.677 ± 0.346 $\chi^2/\text{NDF}: 189.7/3$

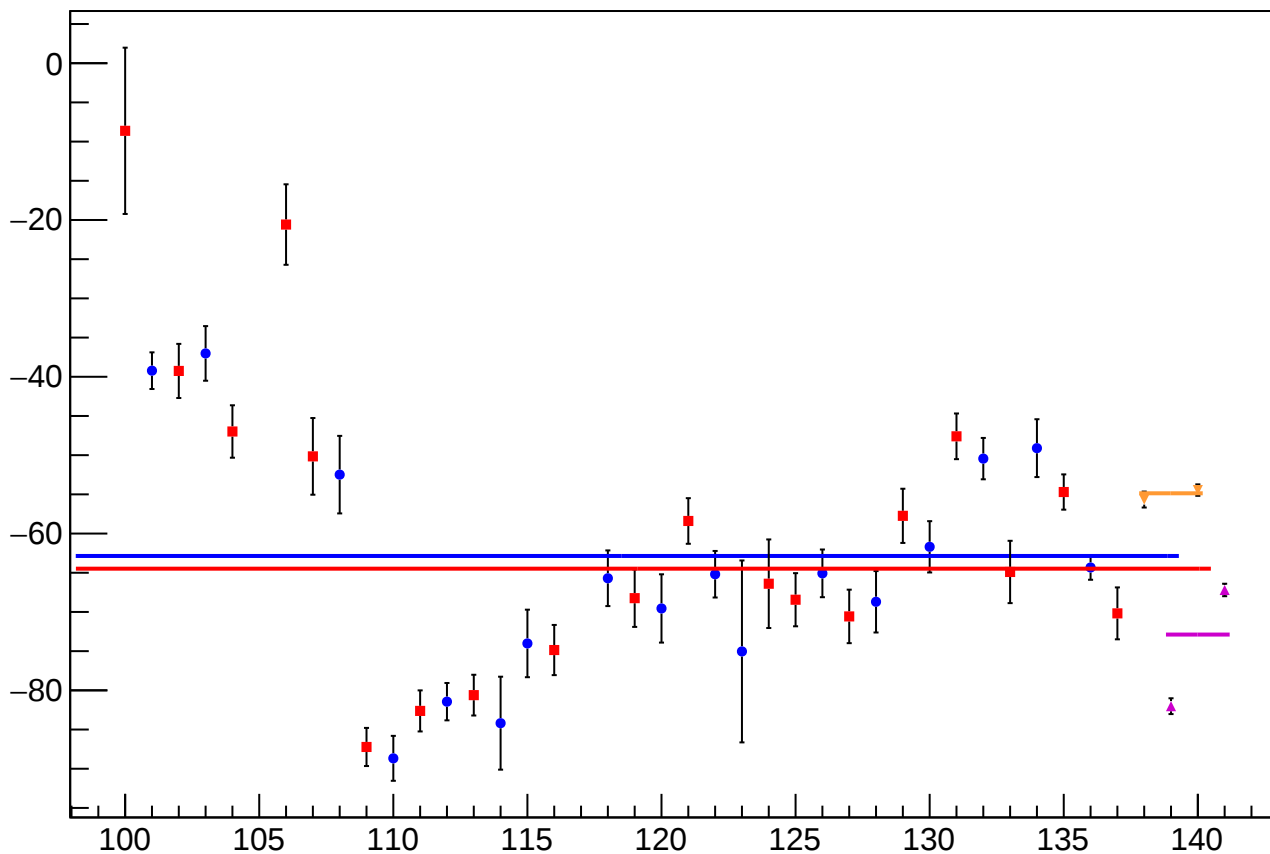
Right: -3.816 ± 0.295 $\chi^2/\text{NDF}: 587.6/35$

In: -1.167 ± 0.318 $\chi^2/\text{NDF}: 395.3/18$

Out: 1.517 ± 0.317 $\chi^2/\text{NDF}: 782.6/20$

All: 0.179 ± 0.224 $\chi^2/\text{NDF}: 1213.7/39$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -54.864 $\pm$ 0.593 χ^2 /NDF: 0.9/1

Right Out: -64.480 $\pm$ 0.751 χ^2 /NDF: 444.0/18

Left In: -72.885 $\pm$ 0.625 χ^2 /NDF: 133.1/1

Left: -63.403 $\pm$ 0.430 χ^2 /NDF: 571.9/3

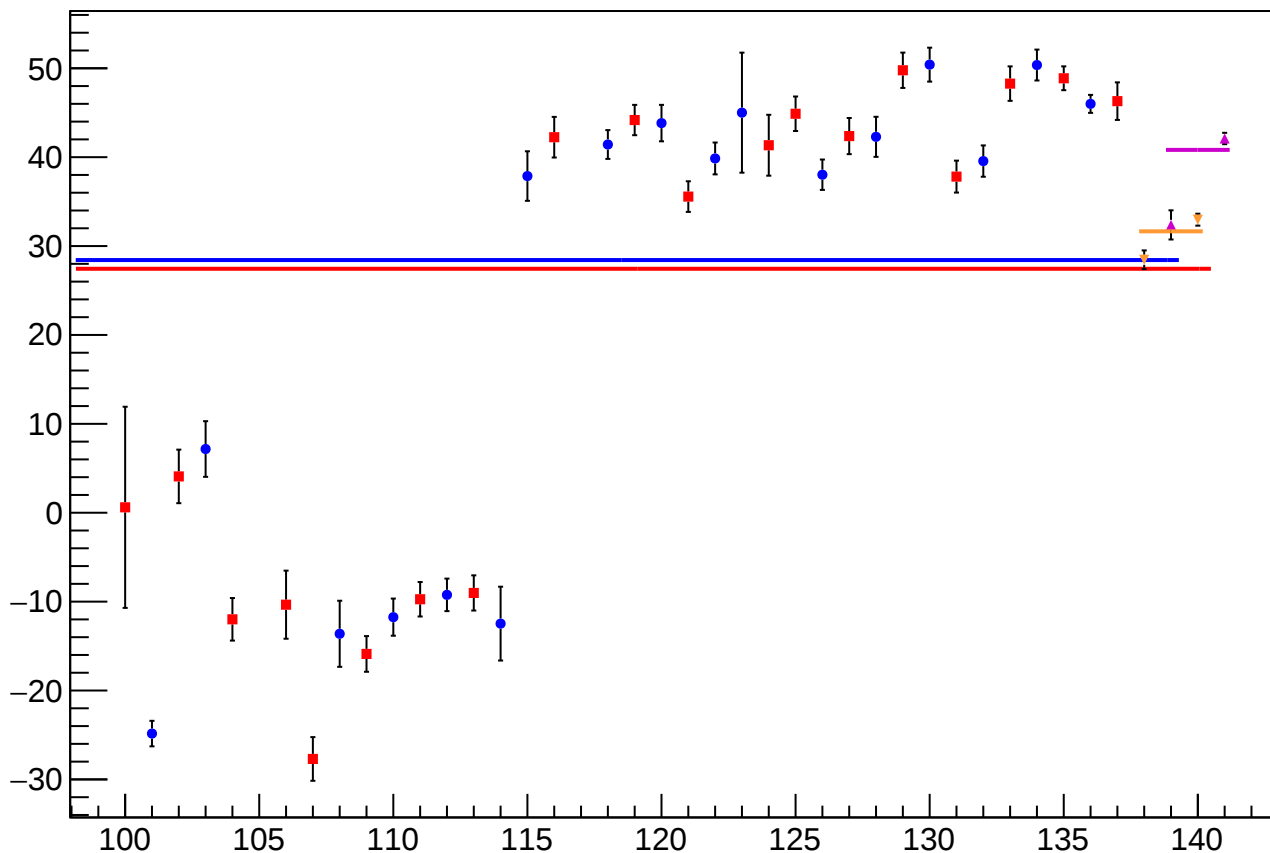
Right: -63.656 $\pm$ 0.527 χ^2 /NDF: 814.1/35

In: -68.706 $\pm$ 0.477 χ^2 /NDF: 608.2/18

Out: -58.555 $\pm$ 0.465 χ^2 /NDF: 545.9/20

All: -63.504 $\pm$ 0.333 χ^2 /NDF: 1386.1/39

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 ± 0.458 χ^2/NDF : 3322.4/16

Left Out: 31.657 ± 0.565 χ^2/NDF : 13.1/1

Right Out: 27.445 ± 0.478 χ^2/NDF : 3033.4/18

Left In: 40.819 ± 0.596 χ^2/NDF : 30.5/1

Left: 35.998 ± 0.410 χ^2/NDF : 168.0/3

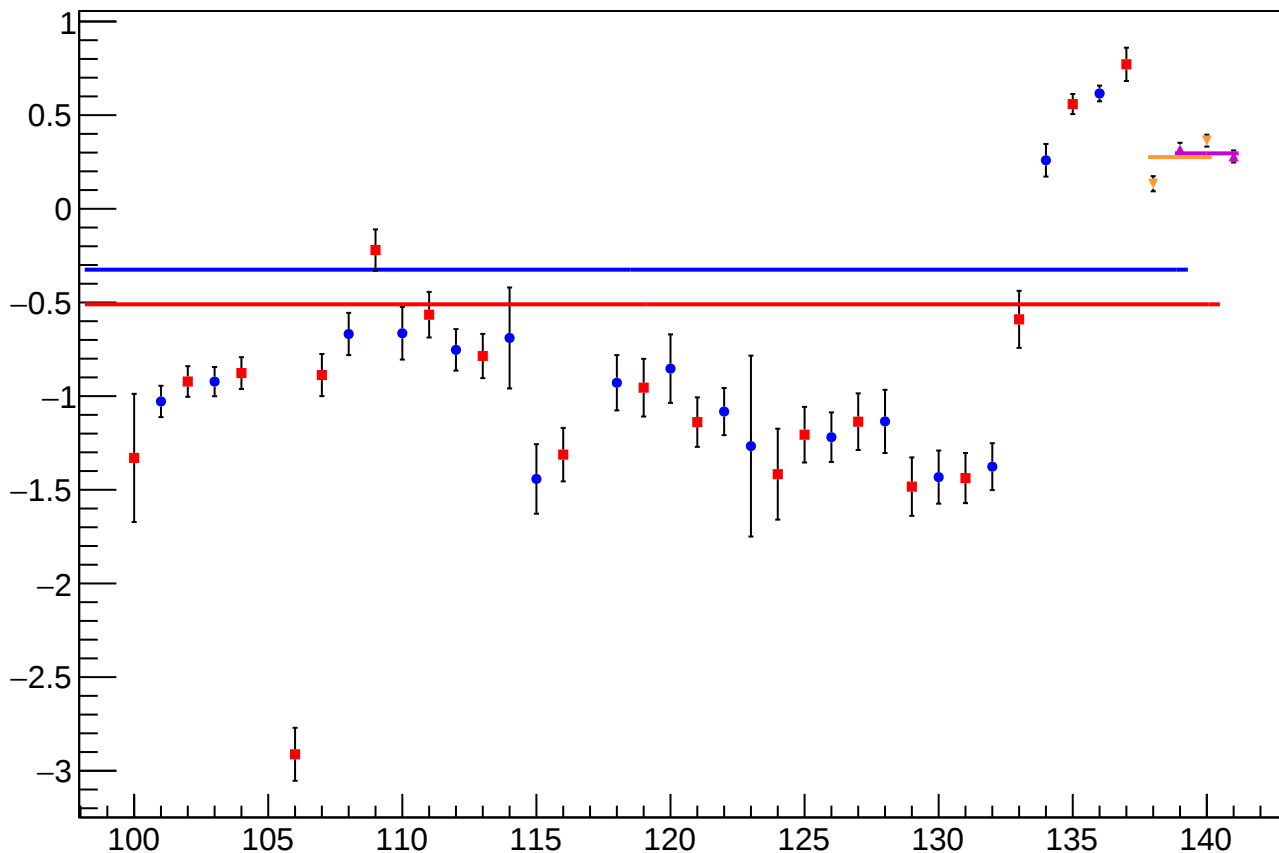
Right: 27.957 ± 0.331 χ^2/NDF : 6358.0/35

In: 33.026 ± 0.363 χ^2/NDF : 3624.9/18

Out: 29.202 ± 0.365 χ^2/NDF : 3078.8/20

All: 31.125 ± 0.257 χ^2/NDF : 6758.9/39

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: 0.276 ± 0.025 χ^2/NDF : 20.1/1

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: 0.286 ± 0.017 χ^2/NDF : 21.0/3

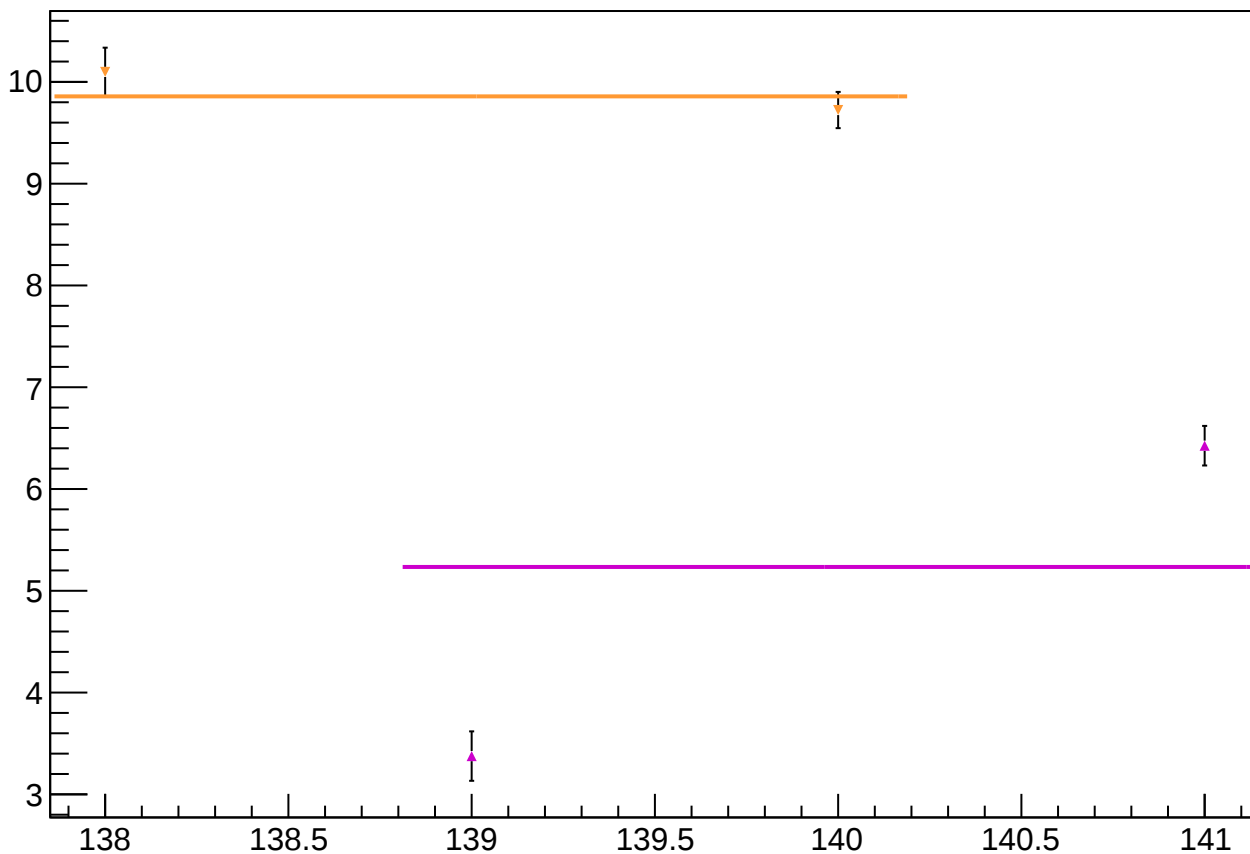
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: -0.002 ± 0.017 χ^2/NDF : 1335.0/18

Out: -0.106 ± 0.018 χ^2/NDF : 1670.2/20

All: -0.052 ± 0.012 χ^2/NDF : 3022.6/39

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: 9.858+/-0.143 χ^2/NDF :1.6/1

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: 7.690+/-0.104 χ^2/NDF : 590.5/3

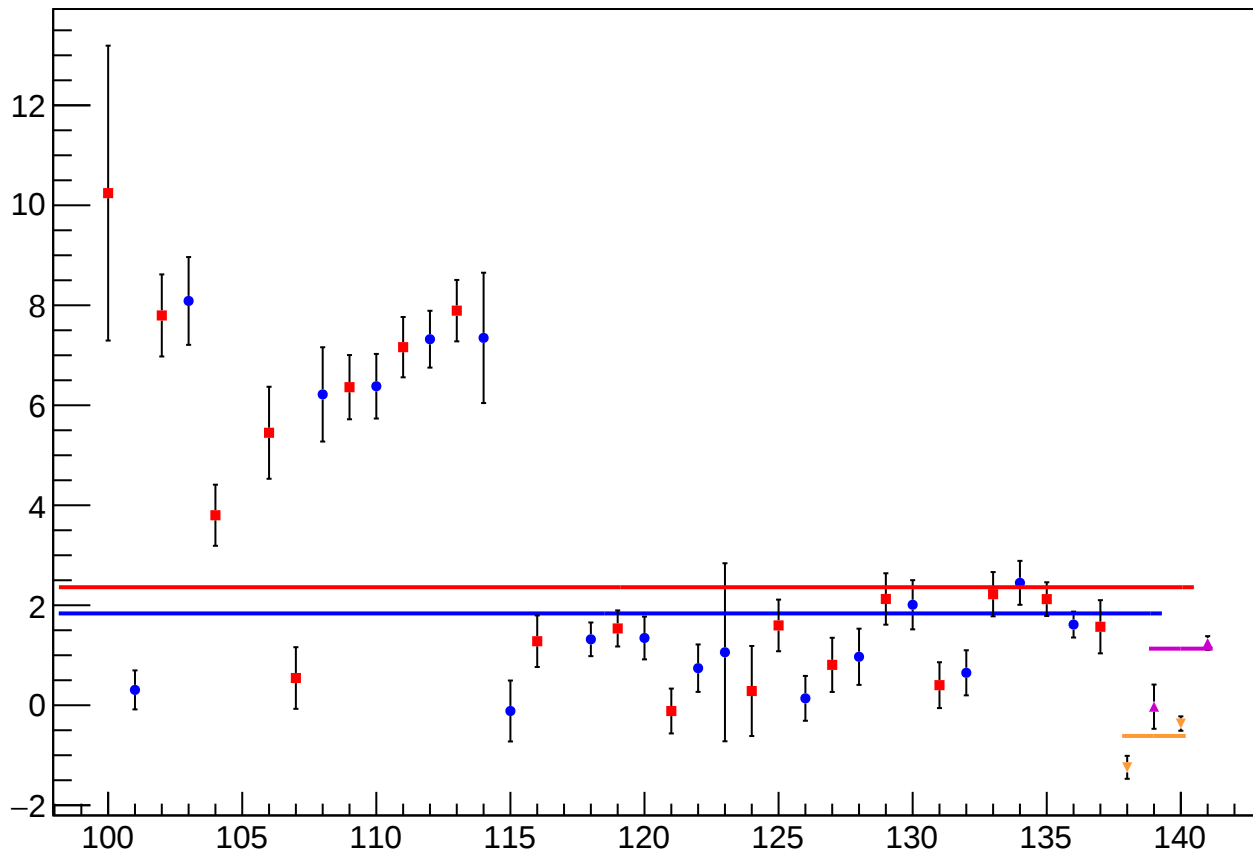
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.234+/-0.152 χ^2/NDF :96.1/1

Out: 9.858+/-0.143 χ^2/NDF :1.6/1

All: 7.690+/-0.104 χ^2/NDF : 590.5/3

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: -0.614 ± 0.122 χ^2/NDF : 10.4/1

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: 0.195 ± 0.089 χ^2/NDF : 112.6/3

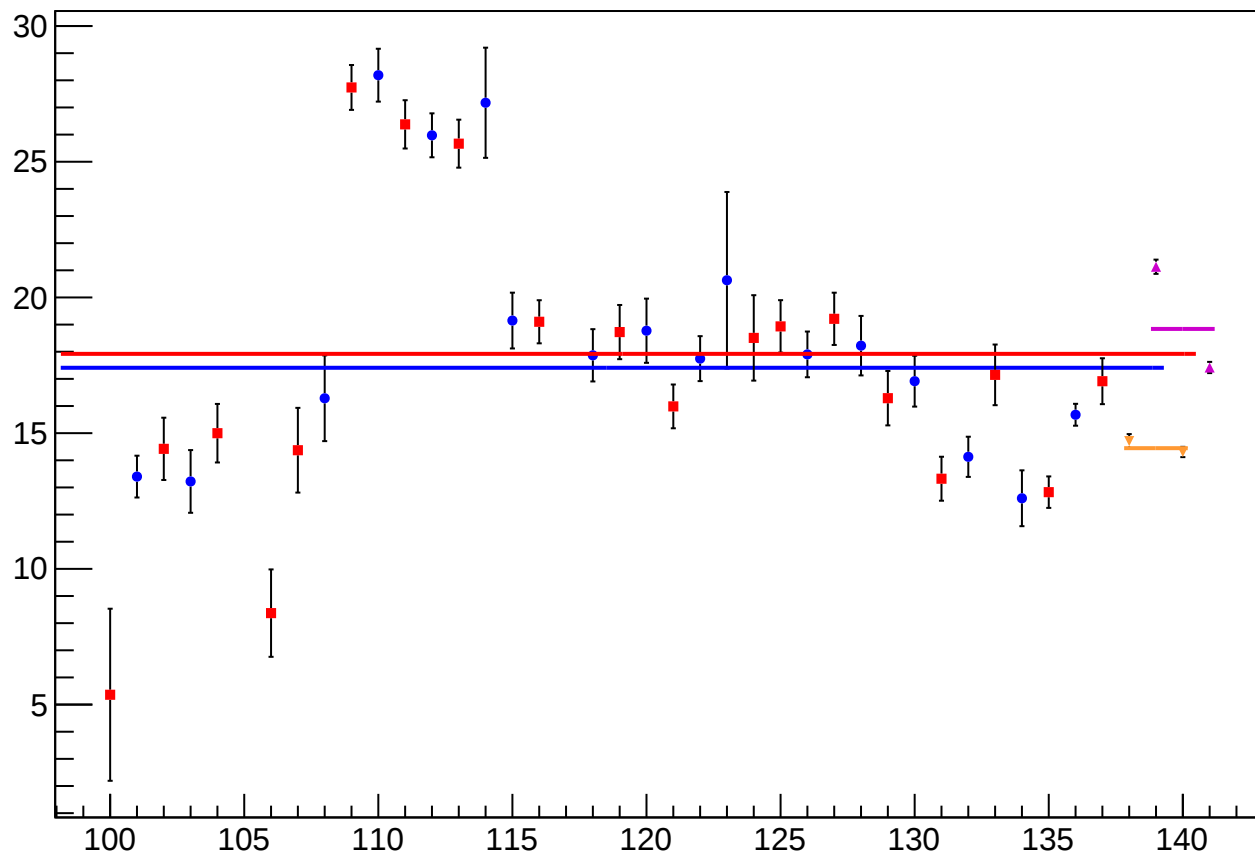
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.528 ± 0.087 χ^2/NDF : 317.8/18

Out: 0.870 ± 0.086 χ^2/NDF : 643.2/20

All: 1.197 ± 0.061 χ^2/NDF : 989.7/39

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: 14.447 $\pm$ 0.153 χ^2 /NDF:1.6/1

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: 16.510 $\pm$ 0.111 χ^2 /NDF: 513.1/3

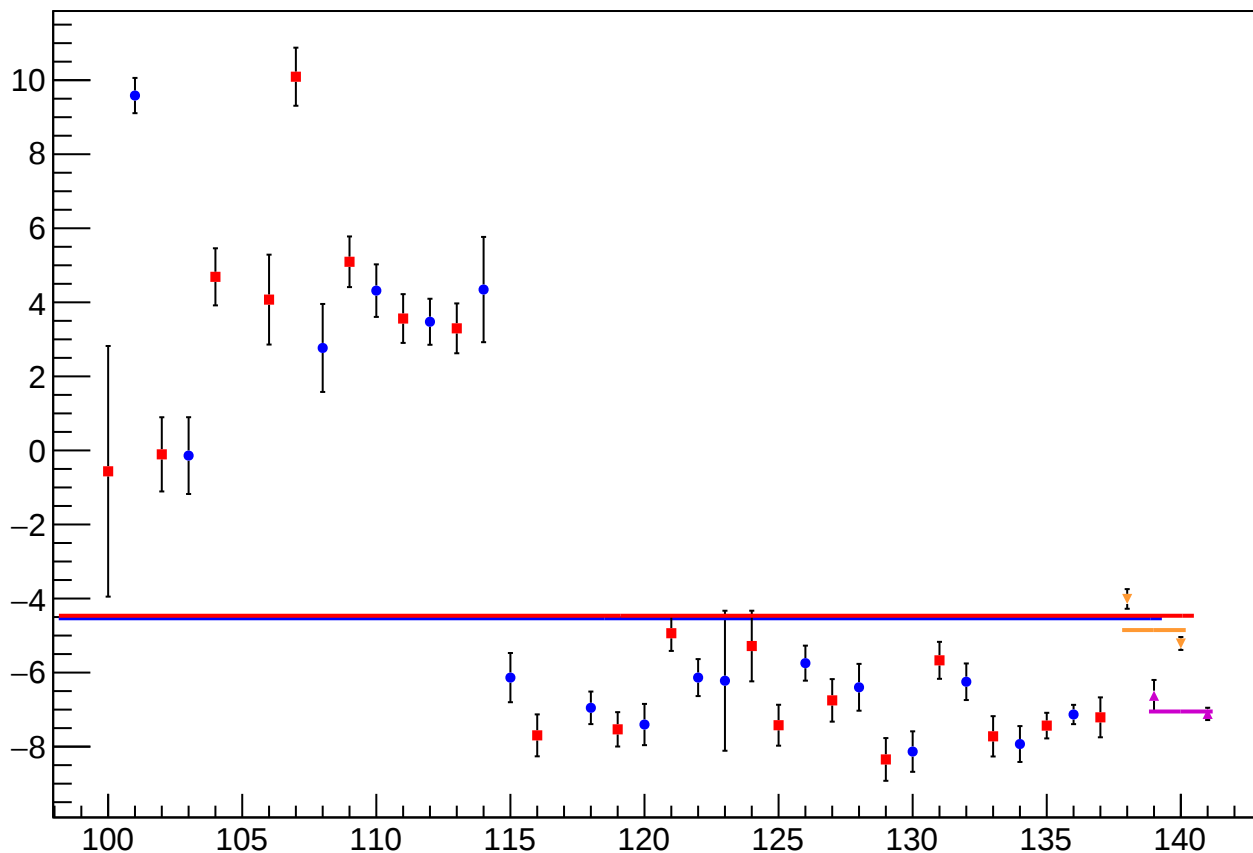
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 18.311 $\pm$ 0.129 χ^2 /NDF:517.2/18

Out: 15.586 $\pm$ 0.125 χ^2 /NDF:677.6/20

All: 16.909 $\pm$ 0.090 χ^2 /NDF: 1424.5/39

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: -4.852 ± 0.146 χ^2/NDF : 14.3/1

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: -5.886 ± 0.106 χ^2/NDF : 122.4/3

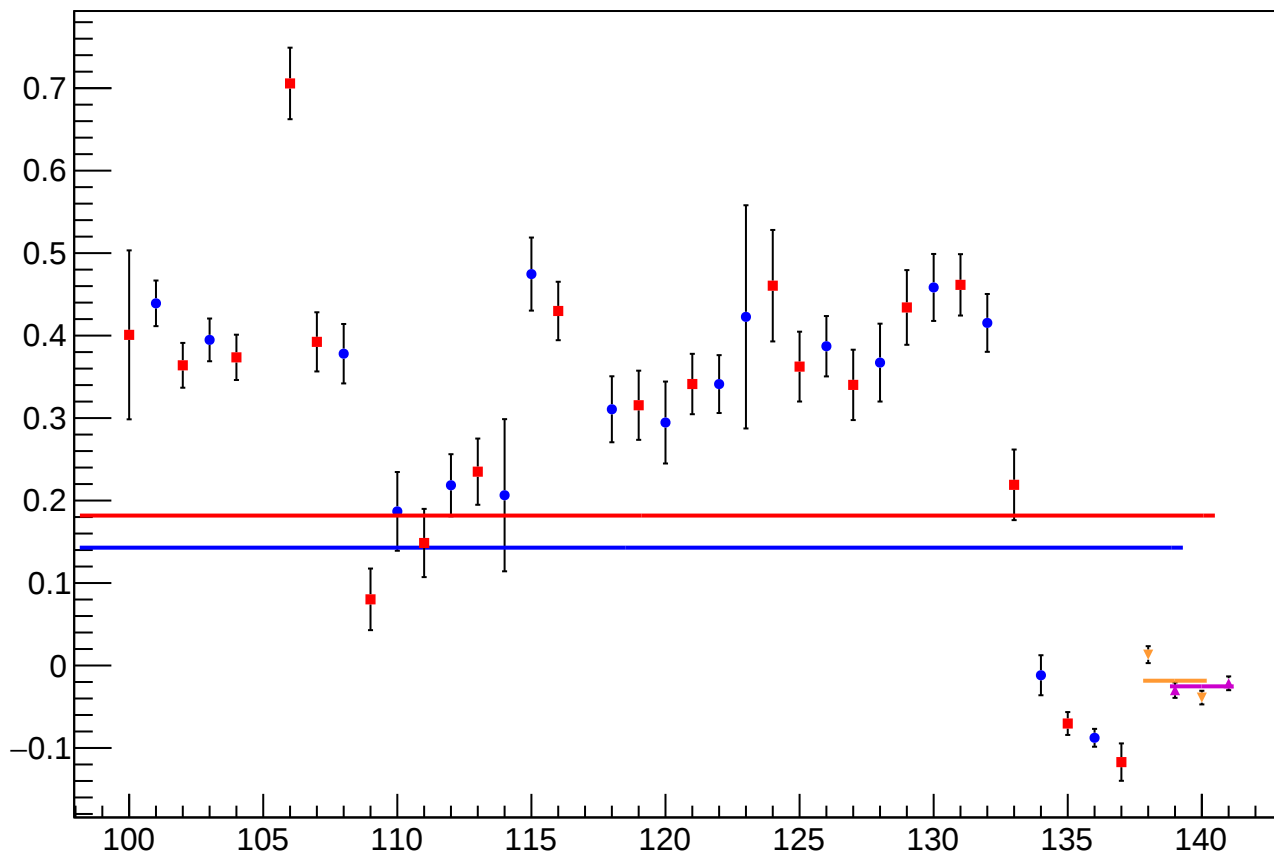
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -5.571 ± 0.099 χ^2/NDF : 1745.0/18

Out: -4.646 ± 0.100 χ^2/NDF : 1358.7/20

All: -5.110 ± 0.070 χ^2/NDF : 3146.9/39

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.018 $\pm$ 0.006 χ^2 /NDF:15.6/1

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: -0.025 $\pm$ 0.006 χ^2 /NDF:0.4/1

Left: -0.022 $\pm$ 0.004 χ^2 /NDF: 16.6/3

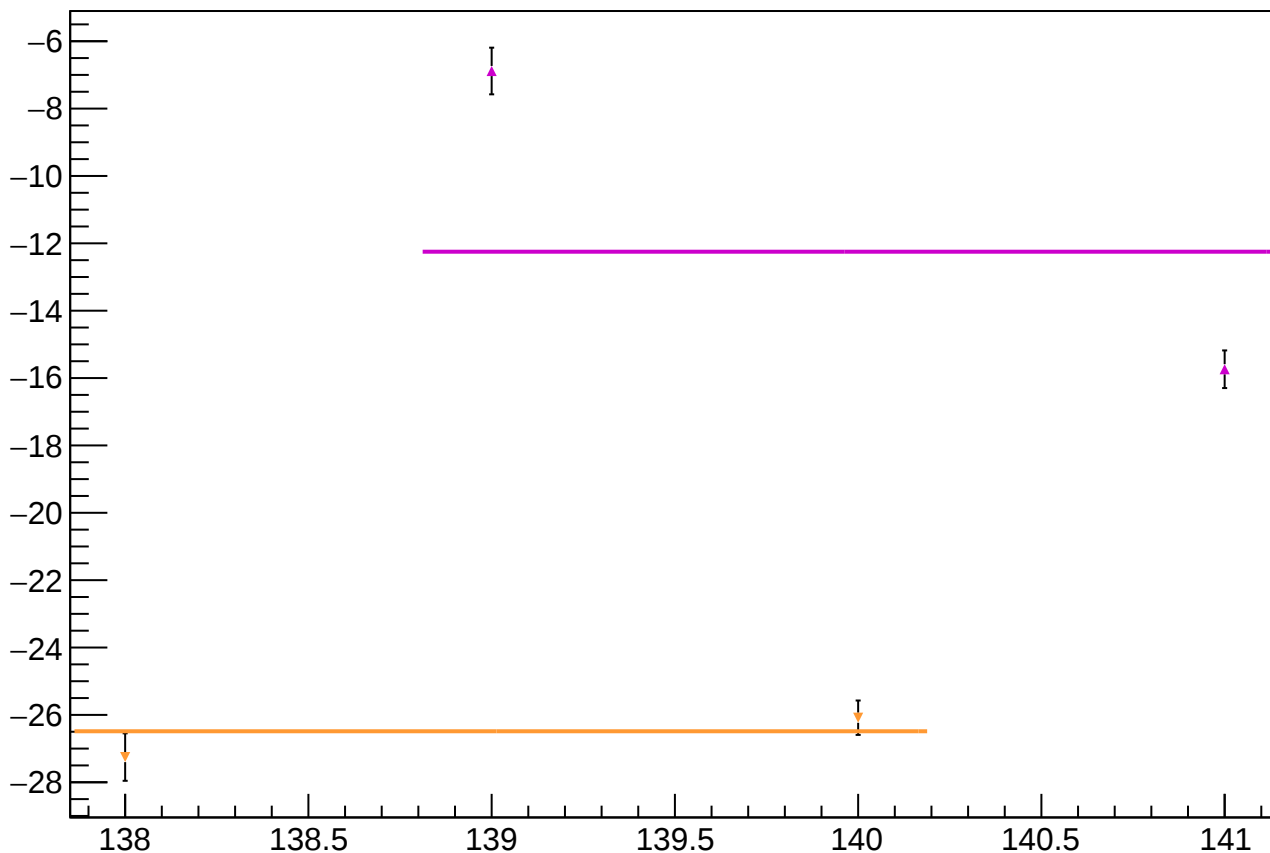
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.048 $\pm$ 0.005 χ^2 /NDF:1378.7/18

Out: 0.068 $\pm$ 0.005 χ^2 /NDF:1441.6/20

All: 0.058 $\pm$ 0.003 χ^2 /NDF: 2829.0/39

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: -26.486+/-0.413 χ^2/NDF :1.8/1

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: -19.726+/-0.300 χ^2/NDF : 663.8/3

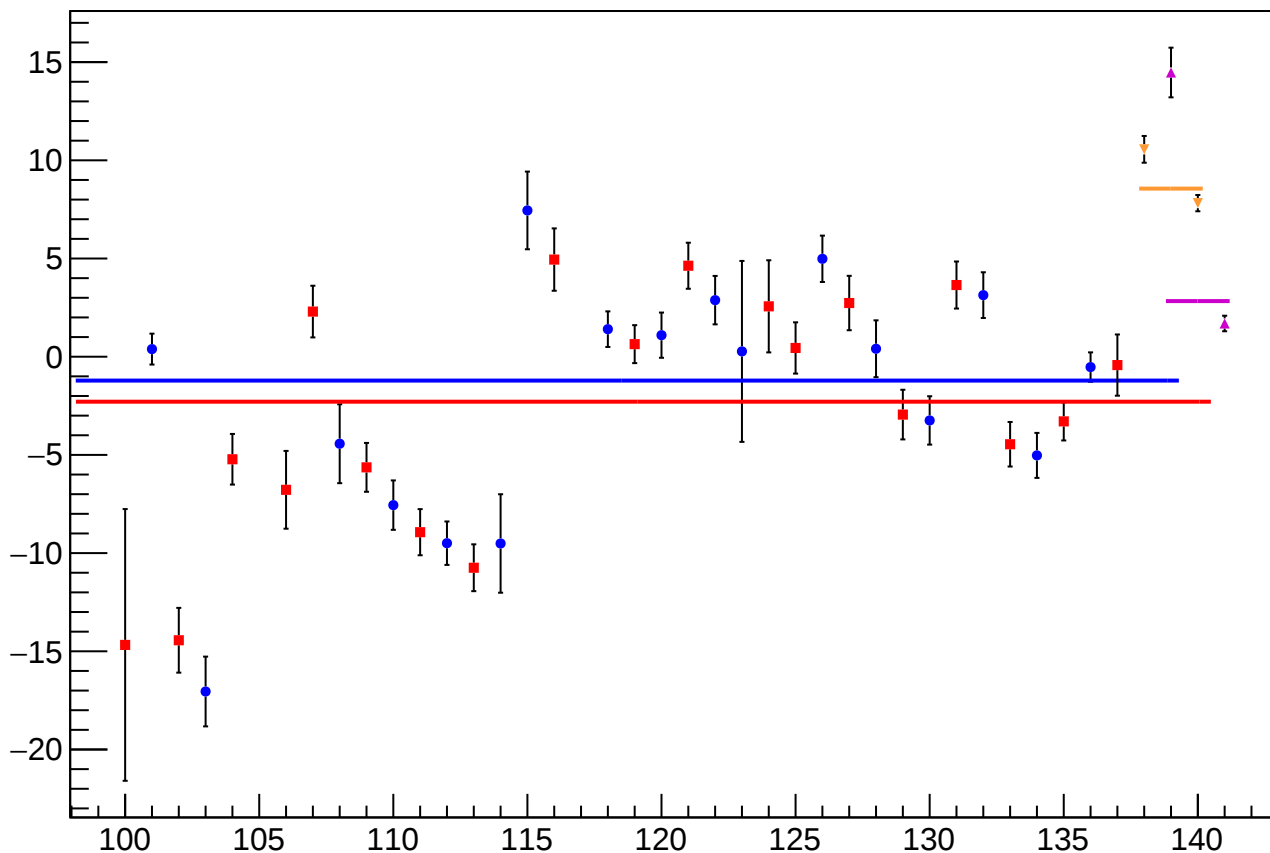
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.249+/-0.435 χ^2/NDF :99.0/1

Out: -26.486+/-0.413 χ^2/NDF :1.8/1

All: -19.726+/-0.300 χ^2/NDF : 663.8/3

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 8.559 ± 0.354 χ^2/NDF : 11.8/1

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 2.832 ± 0.378 χ^2/NDF : 93.0/1

Left: 5.883 ± 0.258 χ^2/NDF : 227.2/3

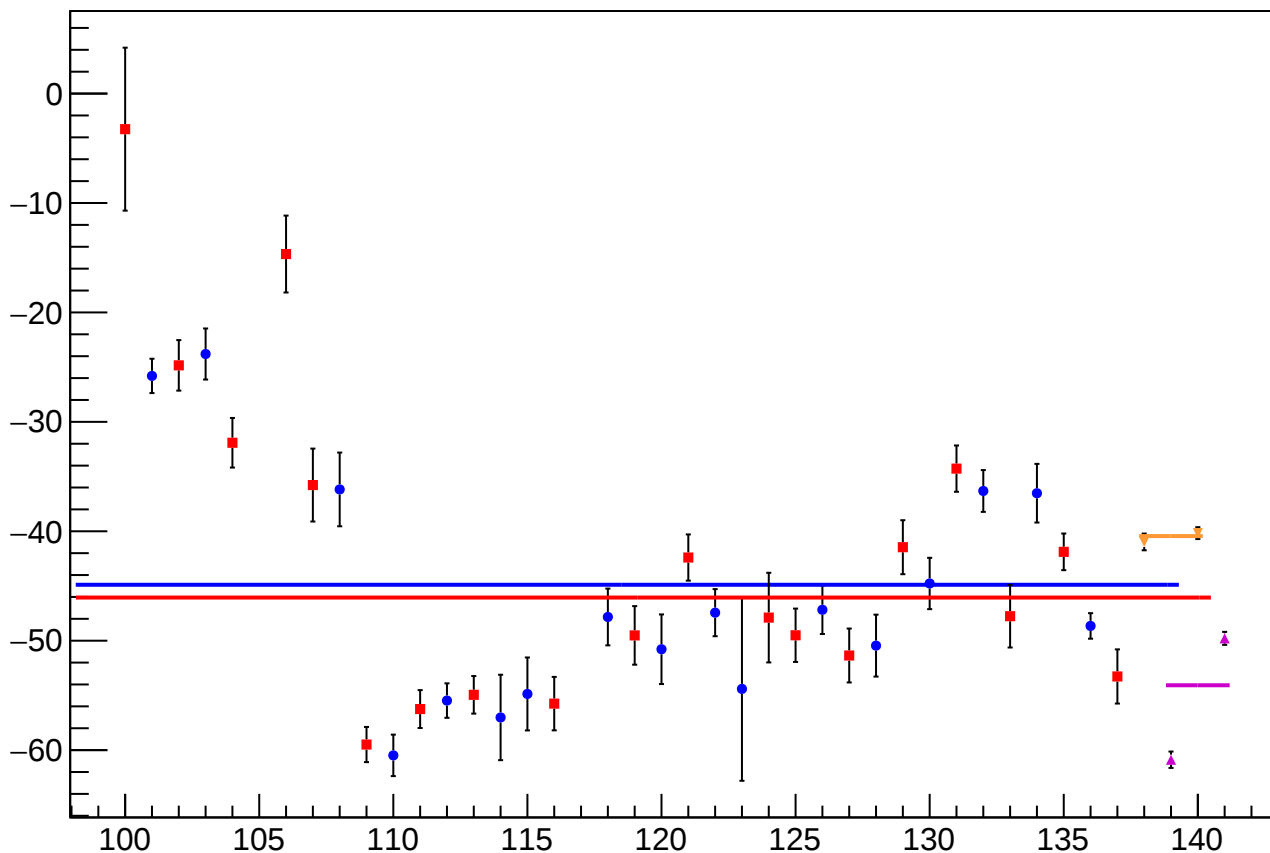
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 0.288 ± 0.230 χ^2/NDF : 443.8/18

Out: 2.285 ± 0.230 χ^2/NDF : 842.6/20

All: 1.288 ± 0.163 χ^2/NDF : 1324.1/39

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: -40.439 ± 0.443 χ^2/NDF : 0.7/1

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: -46.919 ± 0.321 χ^2/NDF : 585.9/3

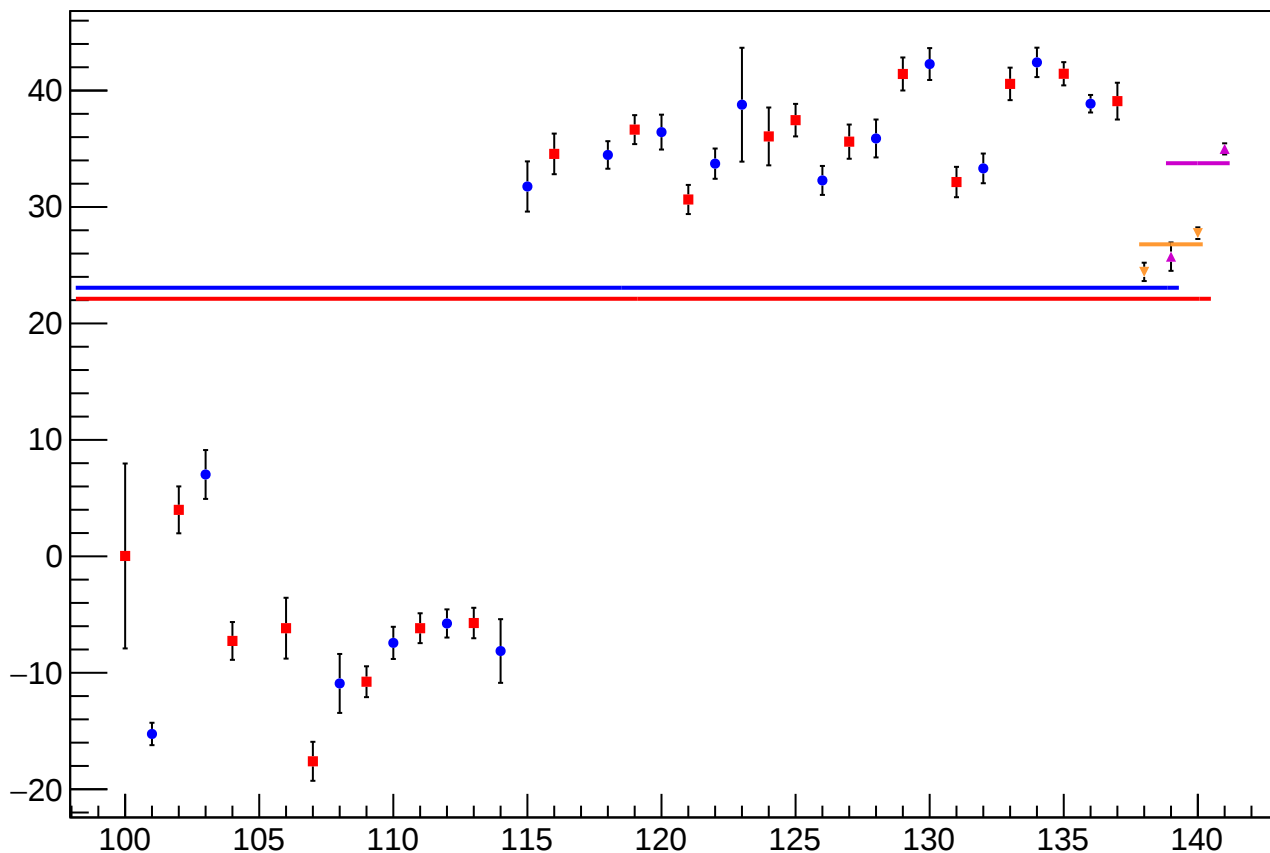
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -50.017 ± 0.348 χ^2/NDF : 727.2/18

Out: -42.758 ± 0.339 χ^2/NDF : 520.9/20

All: -46.299 ± 0.243 χ^2/NDF : 1471.2/39

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: 26.795 $\pm$ 0.423 χ^2 /NDF:12.7/1

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: 30.100 $\pm$ 0.306 χ^2 /NDF: 191.6/3

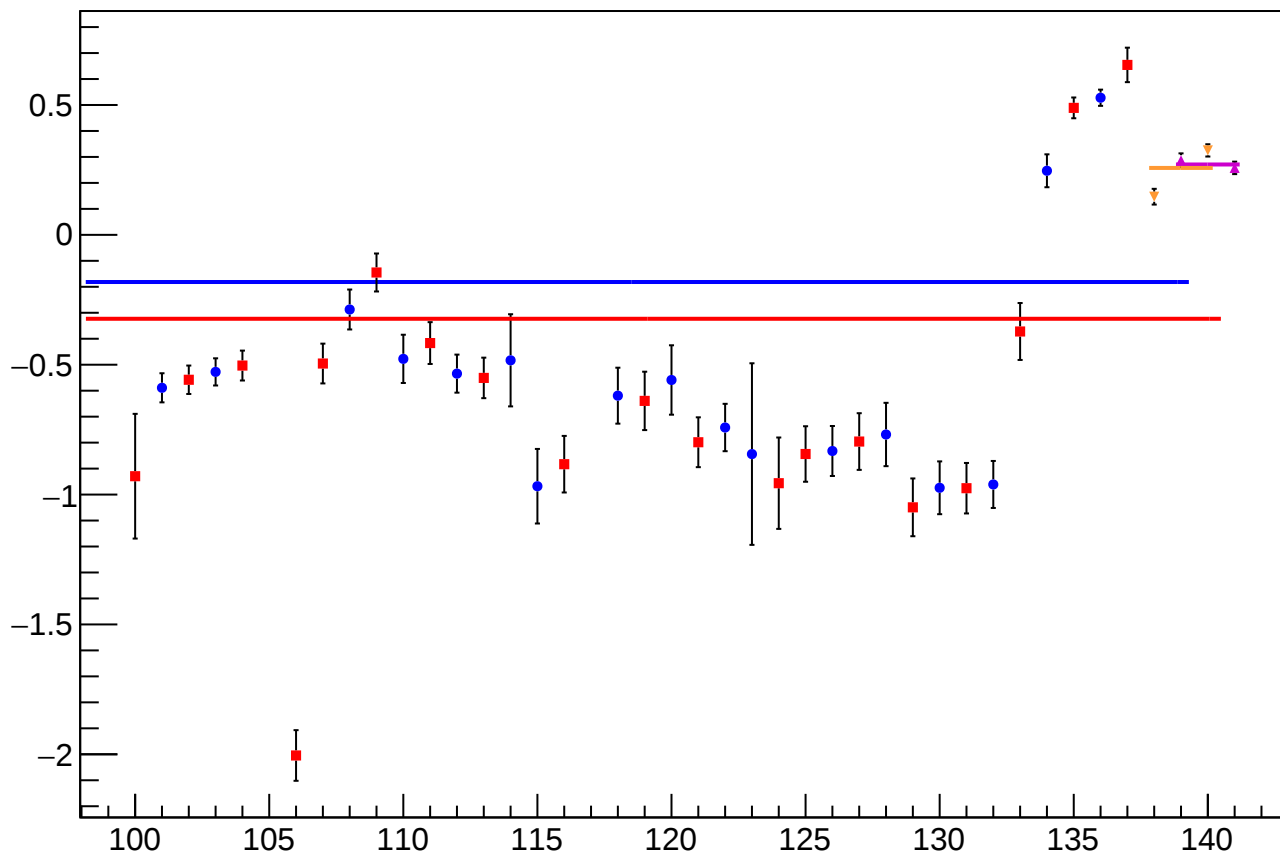
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 26.813 $\pm$ 0.263 χ^2 /NDF:4759.2/18

Out: 23.954 $\pm$ 0.265 χ^2 /NDF:4120.4/20

All: 25.392 $\pm$ 0.187 χ^2 /NDF: 8938.2/39

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: 0.258 ± 0.019 χ^2/NDF : 21.5/1

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: 0.265 ± 0.013 χ^2/NDF : 22.4/3

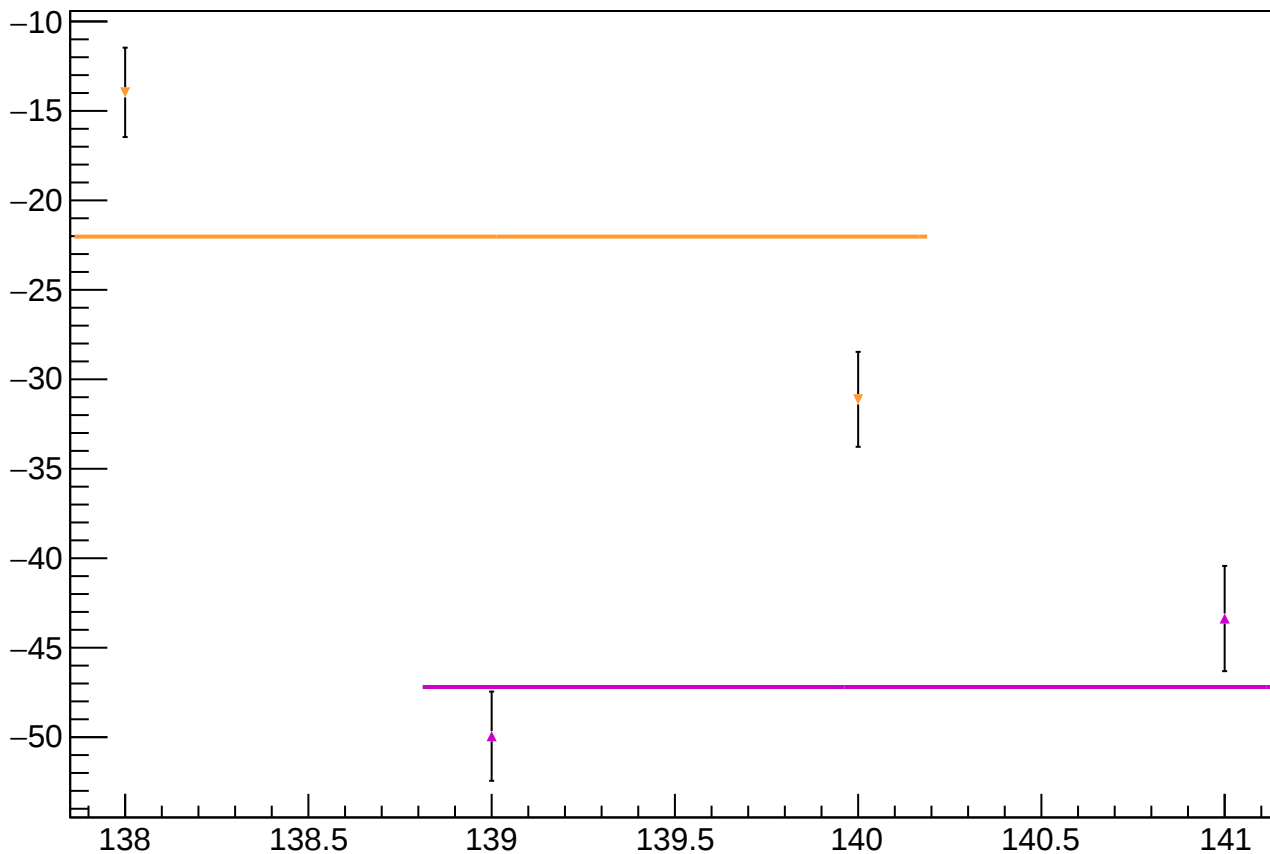
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.043 ± 0.013 χ^2/NDF : 1321.1/18

Out: -0.040 ± 0.013 χ^2/NDF : 1703.1/20

All: 0.003 ± 0.009 χ^2/NDF : 3045.7/39

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.025+/-1.819 χ^2/NDF :22.2/1

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: -34.049+/-1.314 χ^2/NDF : 116.6/3

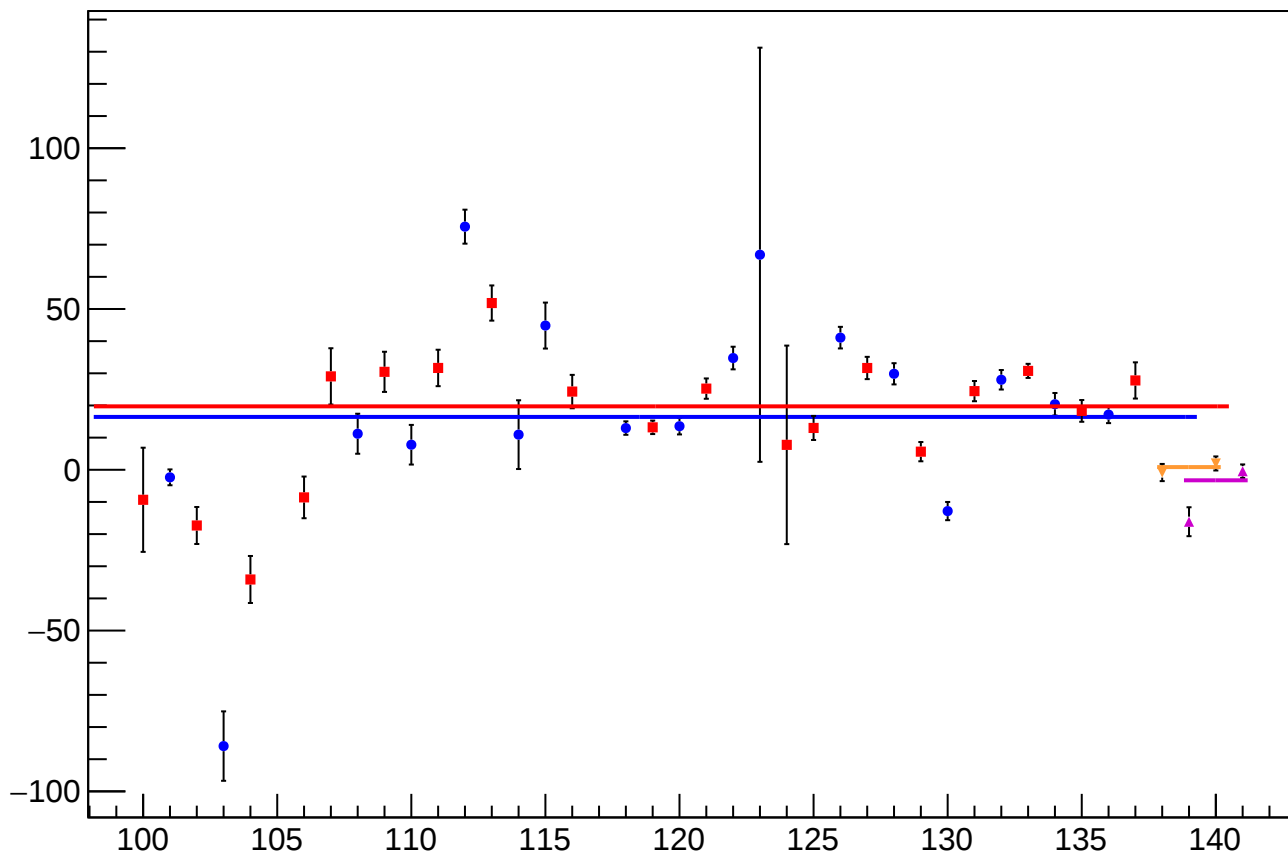
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.195+/-1.902 χ^2/NDF :2.9/1

Out: -22.025+/-1.819 χ^2/NDF :22.2/1

All: -34.049+/-1.314 χ^2/NDF : 116.6/3

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: 0.836 $\pm$ 1.692 χ^2 /NDF: 0.7/1

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: -0.972 $\pm$ 1.266 χ^2 /NDF: 13.3/3

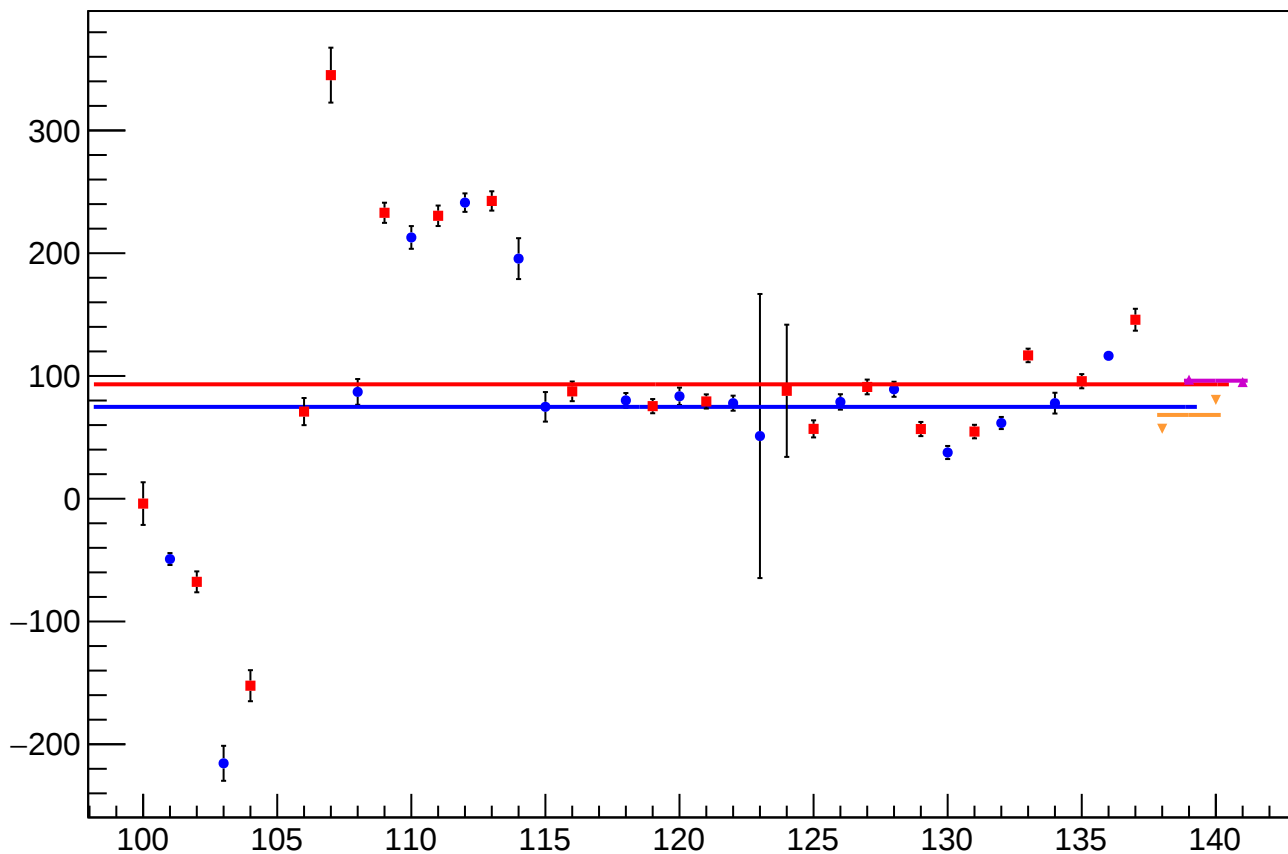
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 13.186 $\pm$ 0.775 χ^2 /NDF: 616.0/18

Out: 15.575 $\pm$ 0.793 χ^2 /NDF: 339.6/20

All: 14.354 $\pm$ 0.554 χ^2 /NDF: 960.2/39

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 68.260+/-1.956 χ^2/NDF : 36.0/1

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: 81.600+/-1.413 χ^2/NDF : 133.6/3

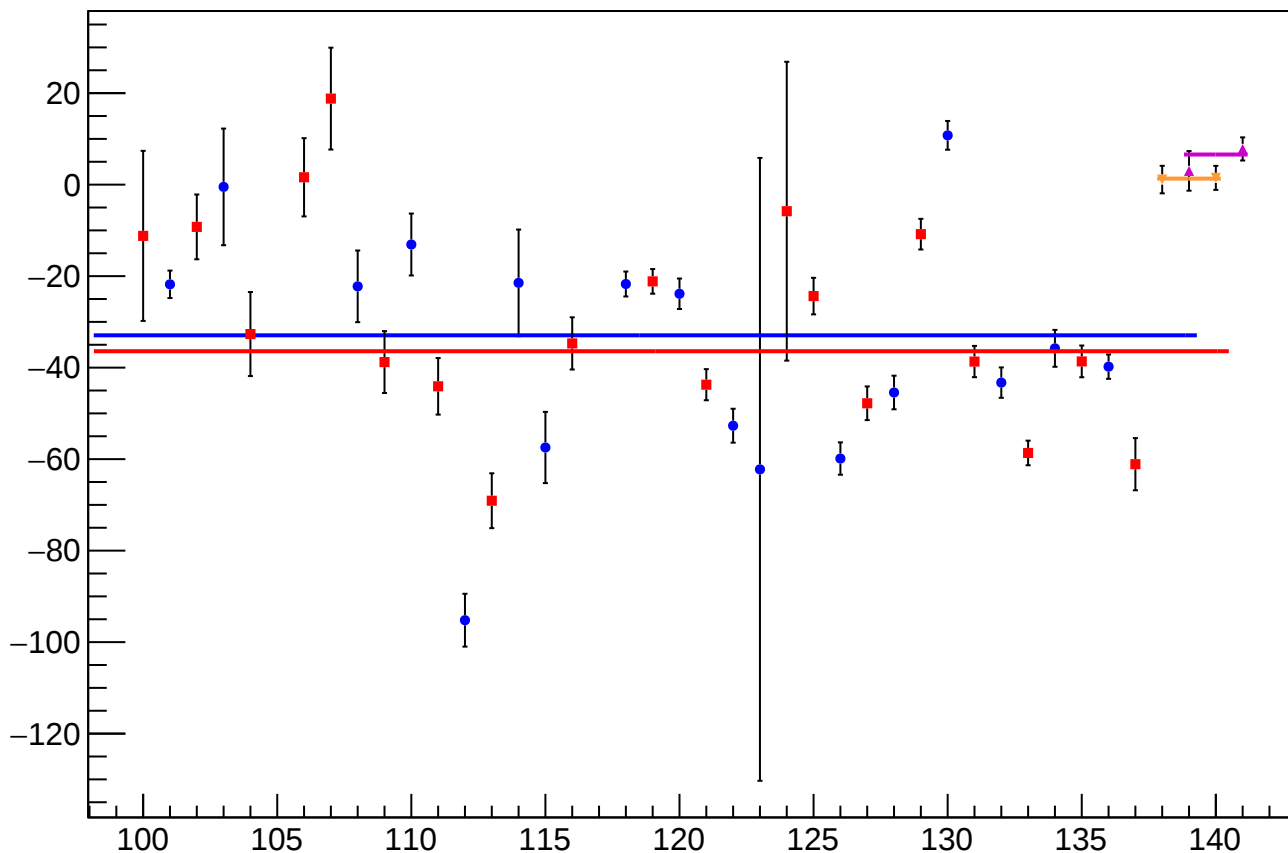
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 83.175+/-1.278 χ^2/NDF : 2063.4/18

Out: 82.384+/-1.288 χ^2/NDF : 2128.9/20

All: 82.782+/-0.907 χ^2/NDF : 4192.4/39

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: 1.318 ± 1.978 χ^2/NDF : 0.0/1

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: 3.692 ± 1.466 χ^2/NDF : 4.1/3

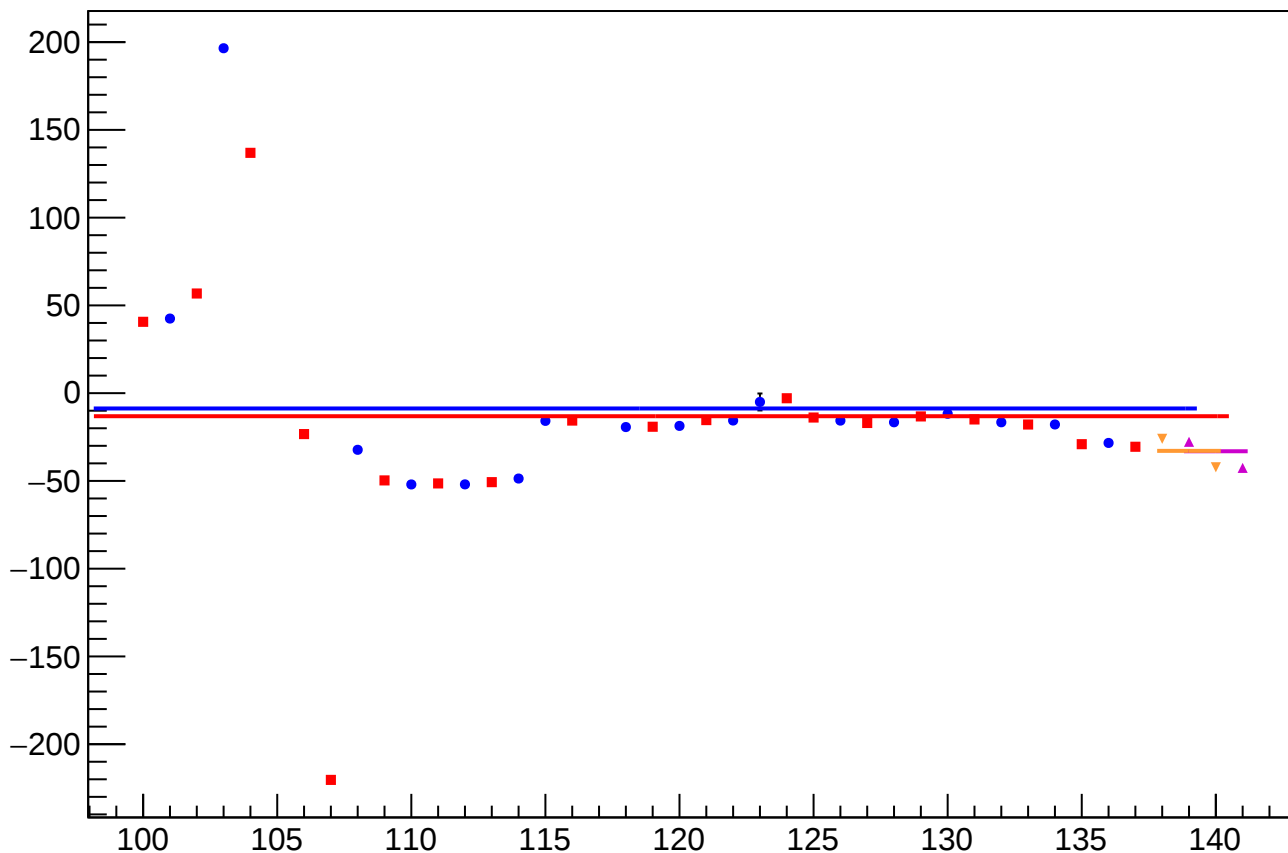
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -26.385 ± 0.889 χ^2/NDF : 764.9/18

Out: -28.422 ± 0.910 χ^2/NDF : 581.9/20

All: -27.380 ± 0.636 χ^2/NDF : 1349.4/39

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: -32.877 ± 0.080 $\chi^2/\text{NDF}: 10047.9/1$

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: -32.995 ± 0.055 $\chi^2/\text{NDF}: 18912.6/3$

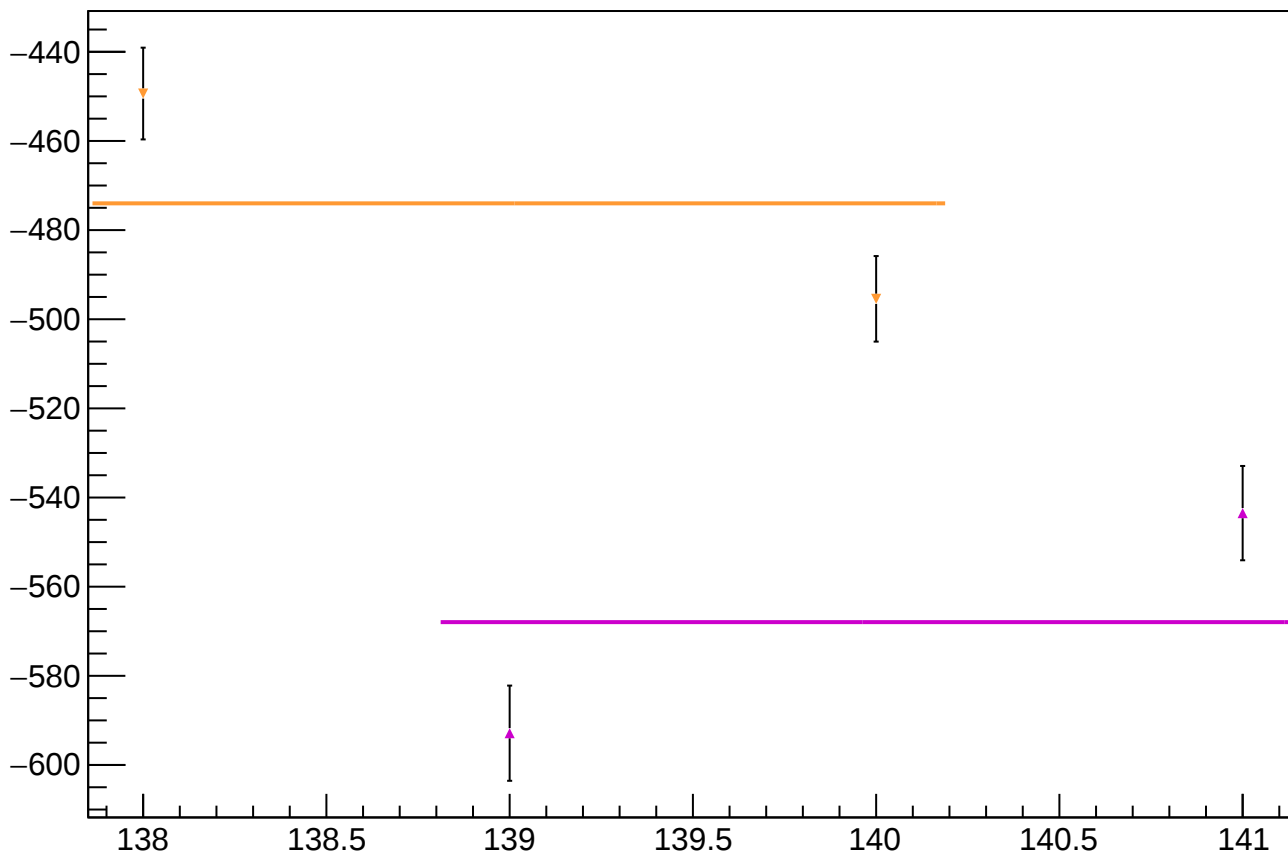
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -17.877 ± 0.047 $\chi^2/\text{NDF}: 649093.5/18$

Out: -20.506 ± 0.049 $\chi^2/\text{NDF}: 606837.7/20$

All: -19.126 ± 0.034 $\chi^2/\text{NDF}: 1257449.5/39$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -473.999+/-7.019 χ^2/NDF :10.7/1

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: -517.767+/-5.130 χ^2/NDF : 105.0/3

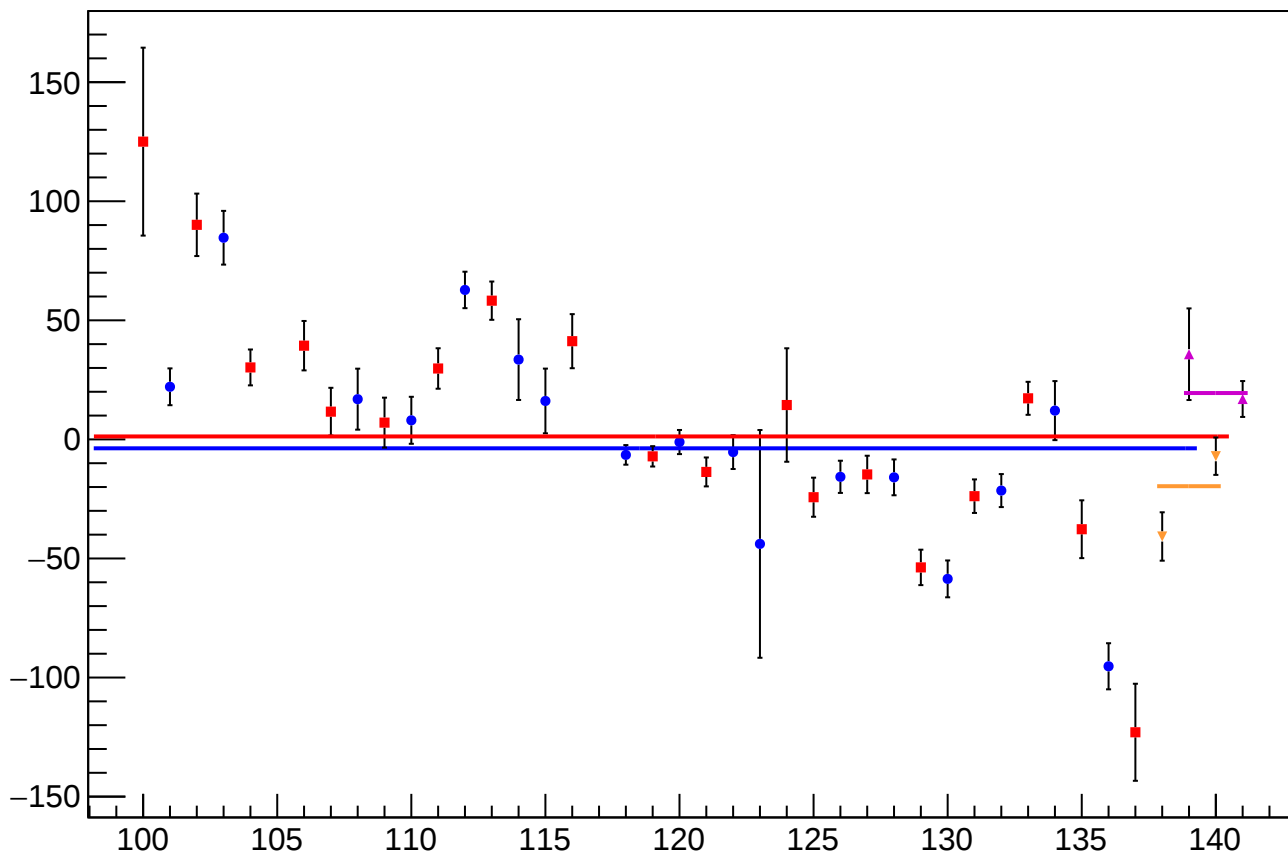
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -567.954+/-7.517 χ^2/NDF :10.8/1

Out: -473.999+/-7.019 χ^2/NDF :10.7/1

All: -517.767+/-5.130 χ^2/NDF : 105.0/3

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: -19.653 ± 6.213 χ^2/NDF : 6.9/1

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: -2.460 ± 4.651 χ^2/NDF : 25.1/3

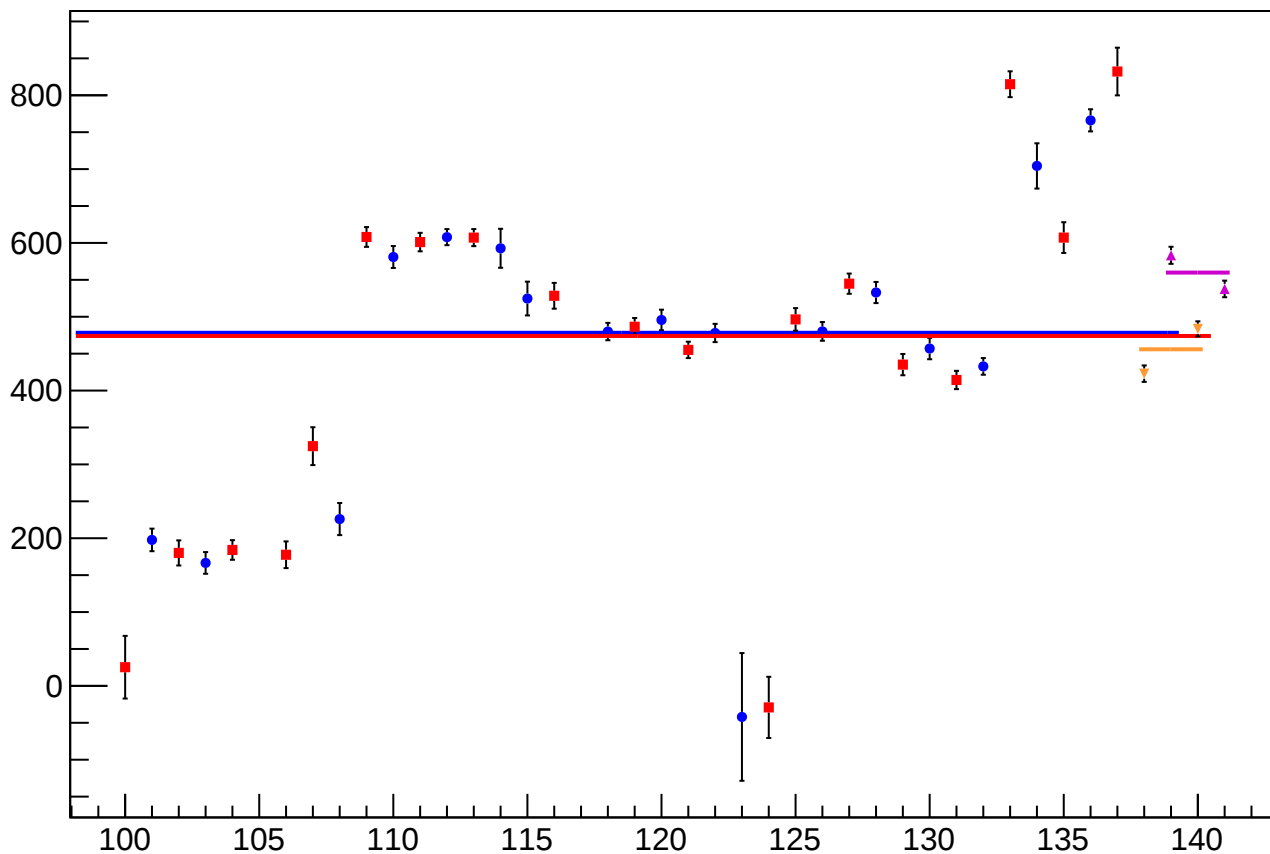
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -2.170 ± 1.827 χ^2/NDF : 325.1/18

Out: -0.573 ± 1.831 χ^2/NDF : 320.8/20

All: -1.373 ± 1.293 χ^2/NDF : 646.3/39

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 455.926+/-7.535 χ^2/NDF :16.1/1

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: 504.363+/-5.506 χ^2/NDF : 112.7/3

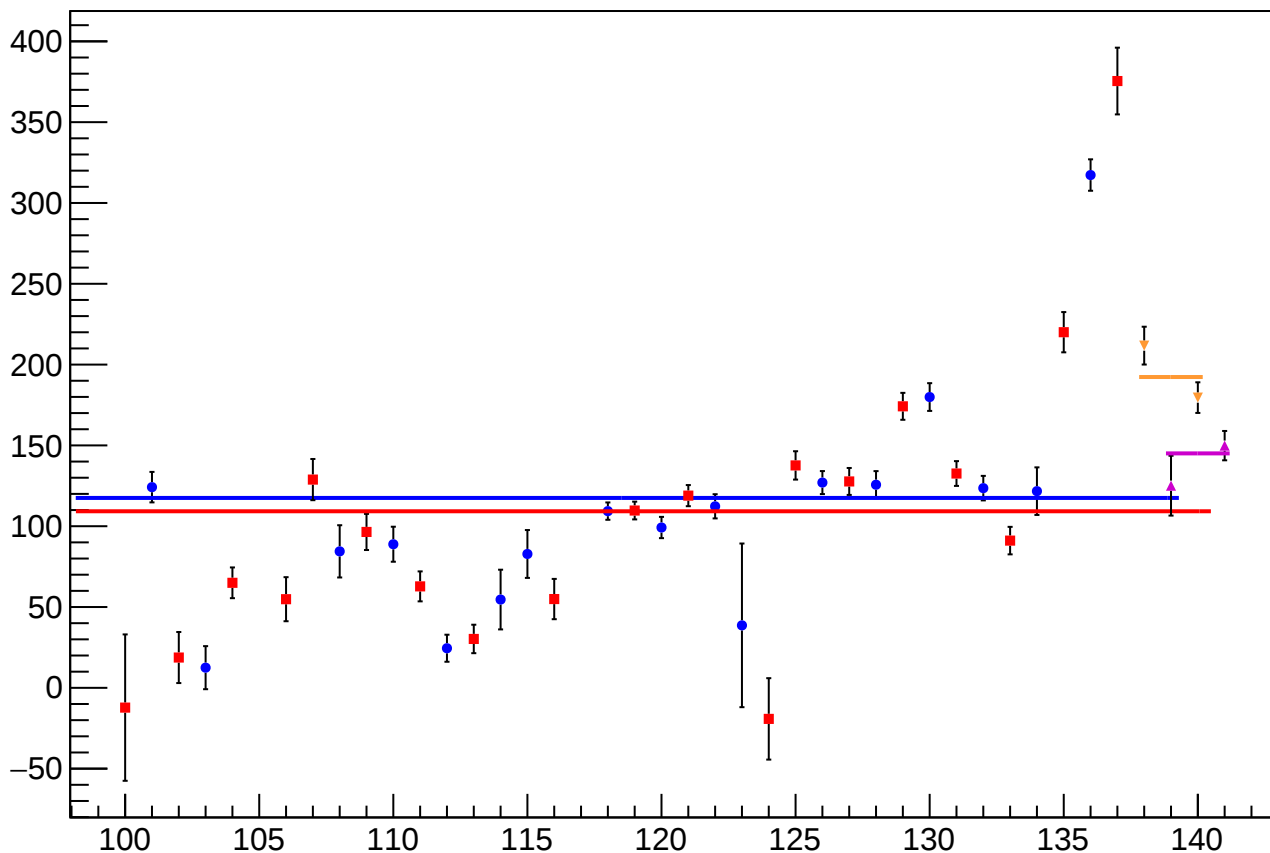
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 492.060+/-3.316 χ^2/NDF :1720.9/18

Out: 470.730+/-3.196 χ^2/NDF :2309.1/20

All: 481.001+/-2.301 χ^2/NDF : 4051.5/39

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: 192.310 $\pm$ 7.364 χ^2 /NDF:4.6/1

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: 171.072 $\pm$ 5.464 χ^2 /NDF: 24.5/3

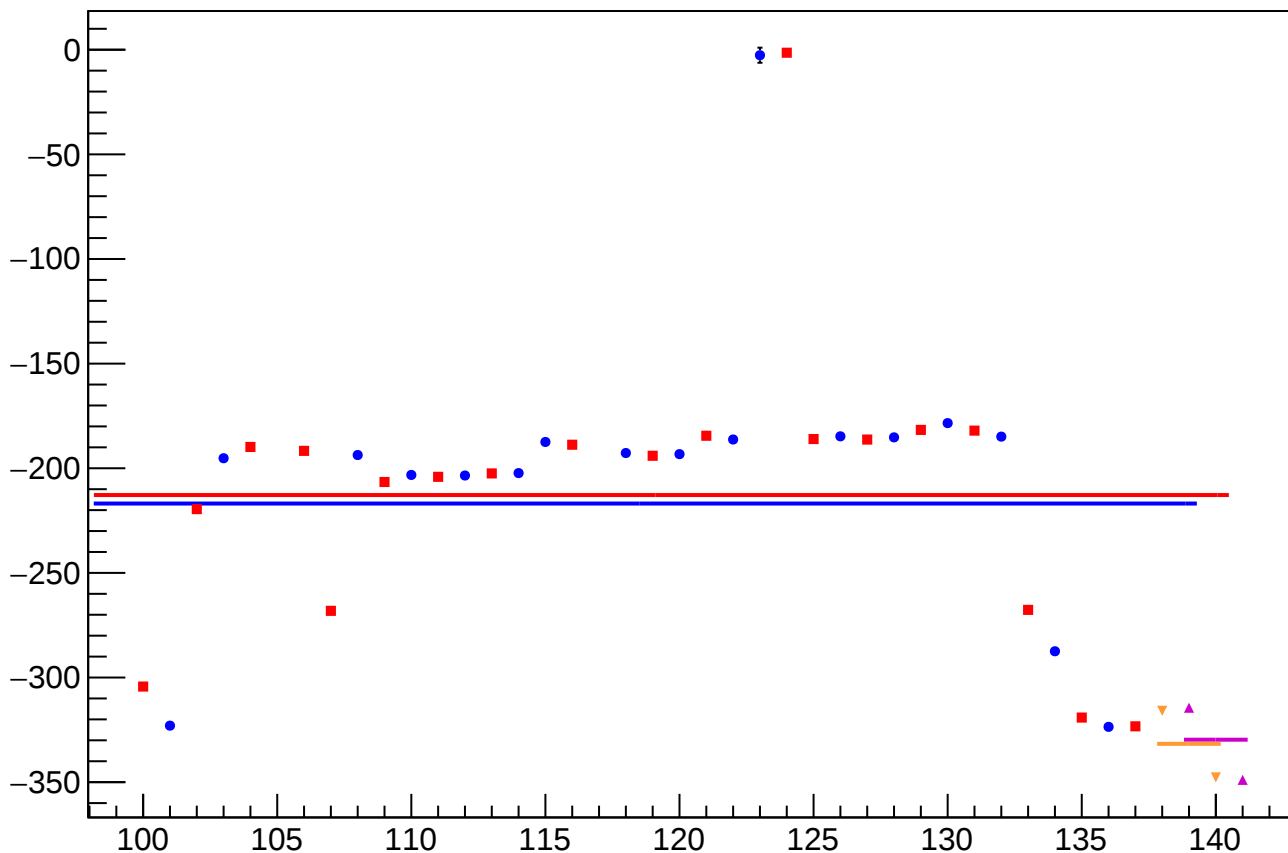
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 119.370 $\pm$ 2.122 χ^2 /NDF:718.0/18

Out: 116.086 $\pm$ 2.113 χ^2 /NDF:690.7/20

All: 117.721 $\pm$ 1.497 χ^2 /NDF: 1410.0/39

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -331.678+/-0.315 χ^2/NDF : 2555.5/1

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: -330.656+/-0.219 χ^2/NDF : 5755.2/3

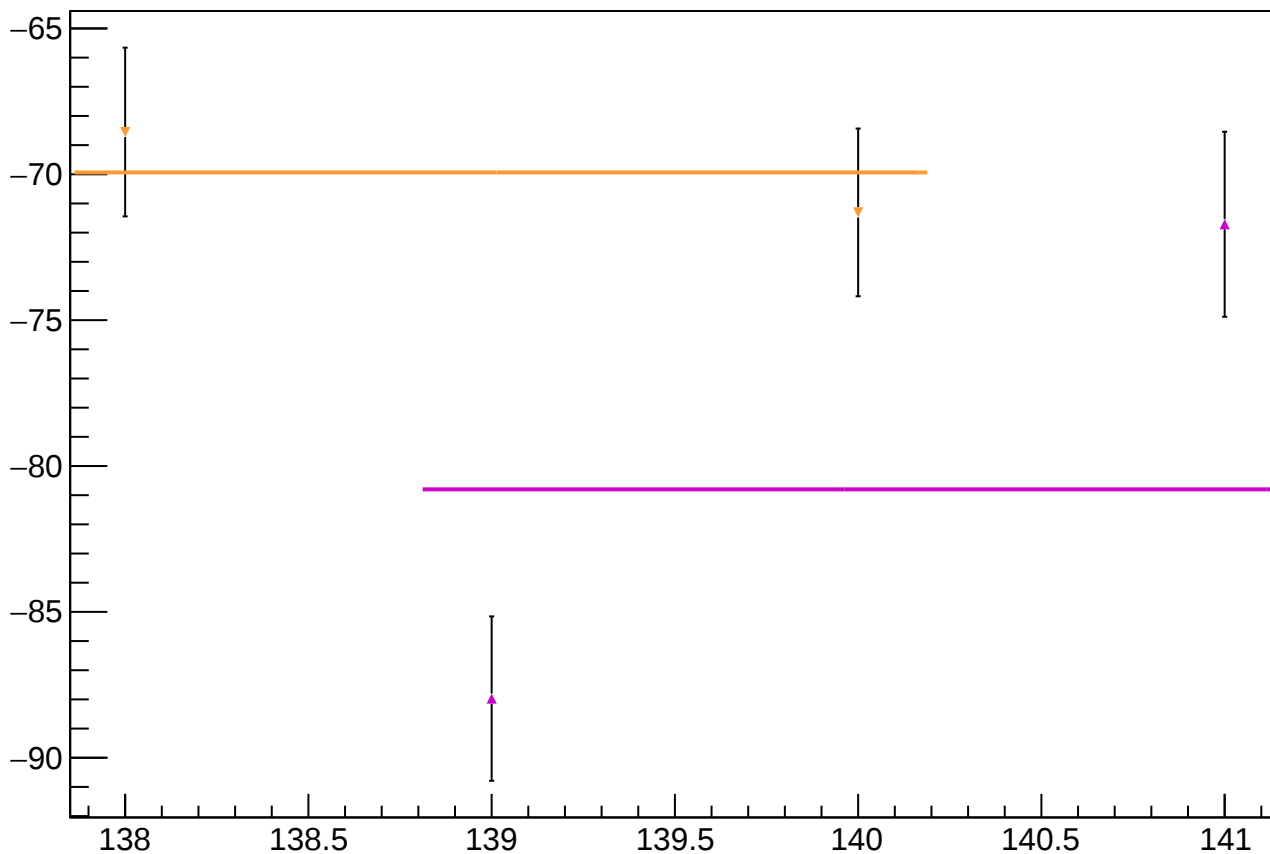
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -235.676+/-0.124 χ^2/NDF : 265179.1/18

Out: -230.131+/-0.120 χ^2/NDF : 240988.1/20

All: -232.817+/-0.086 χ^2/NDF : 507198.1/39

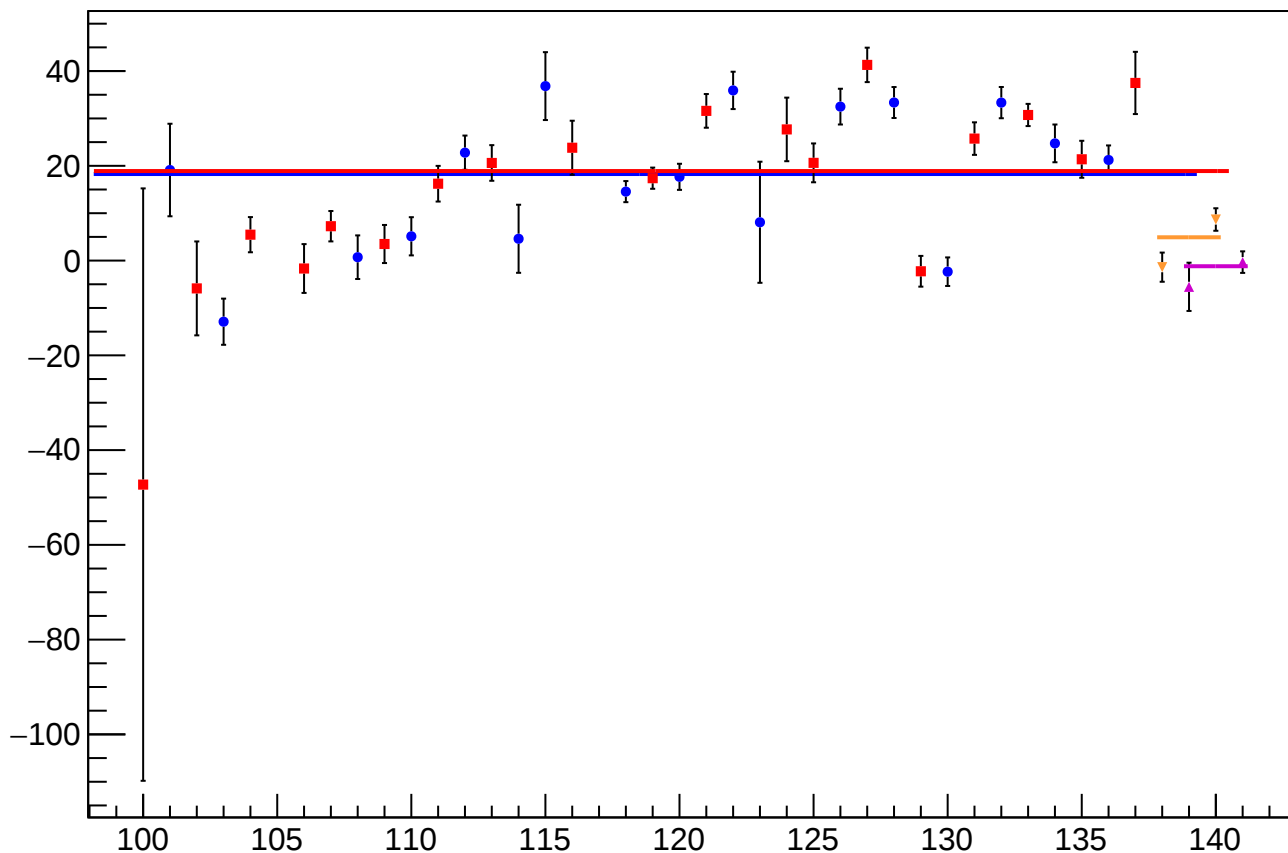
reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -69.937+/-2.039 χ^2/NDF : 0.5/1
 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: -75.191+/-1.465 χ^2/NDF : 28.9/3
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -80.800+/-2.106 χ^2/NDF : 14.7/1
 Out: -69.937+/-2.039 χ^2/NDF : 0.5/1
 All: -75.191+/-1.465 χ^2/NDF : 28.9/3

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 4.917 $\pm$ 1.880 χ^2 /NDF: 6.7/1

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: -1.192 $\pm$ 2.077 χ^2 /NDF: 0.9/1

Left: 2.165 $\pm$ 1.394 χ^2 /NDF: 12.3/3

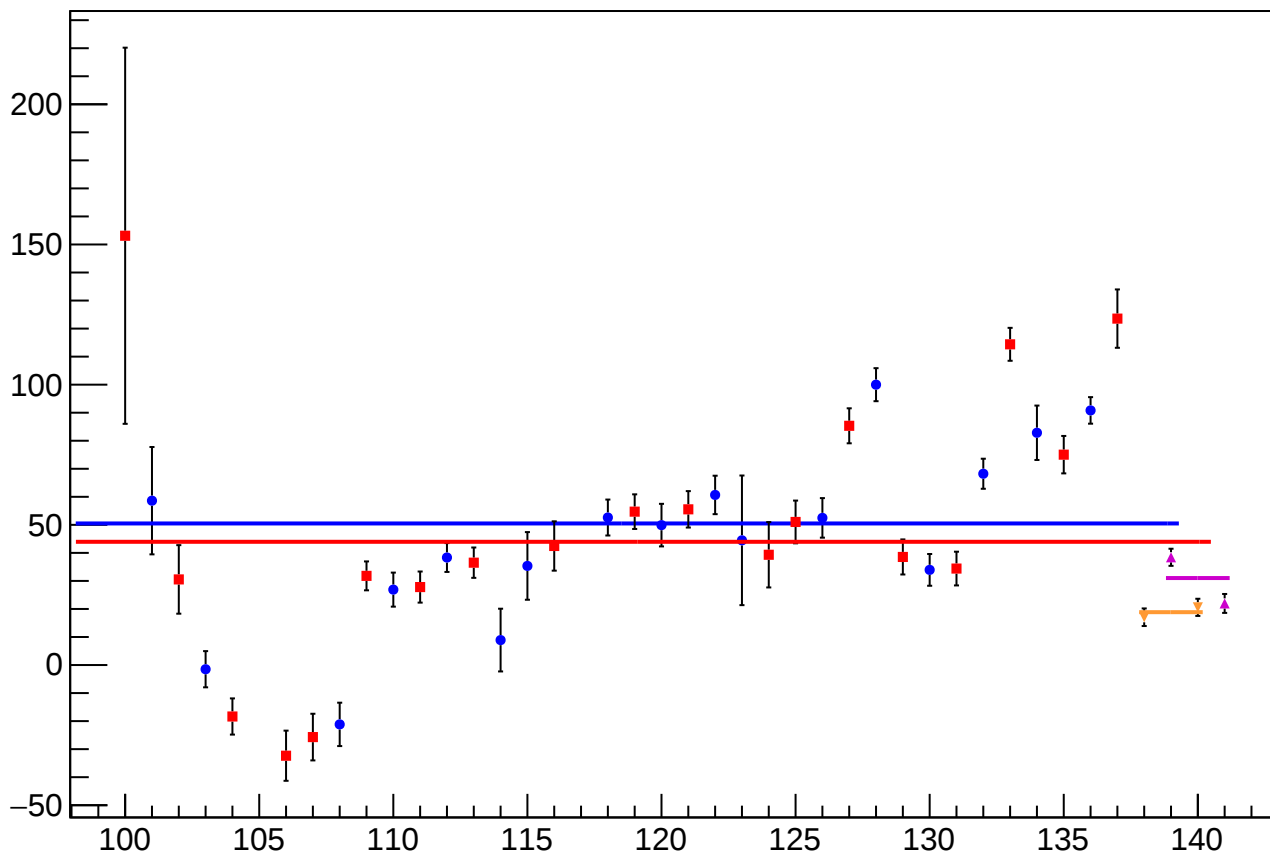
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 15.153 $\pm$ 0.831 χ^2 /NDF: 282.9/18

Out: 16.459 $\pm$ 0.785 χ^2 /NDF: 251.6/20

All: 15.843 $\pm$ 0.571 χ^2 /NDF: 535.8/39

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: 18.854 $\pm$ 2.191 χ^2 /NDF:0.6/1

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: 24.747 $\pm$ 1.574 χ^2 /NDF: 28.7/3

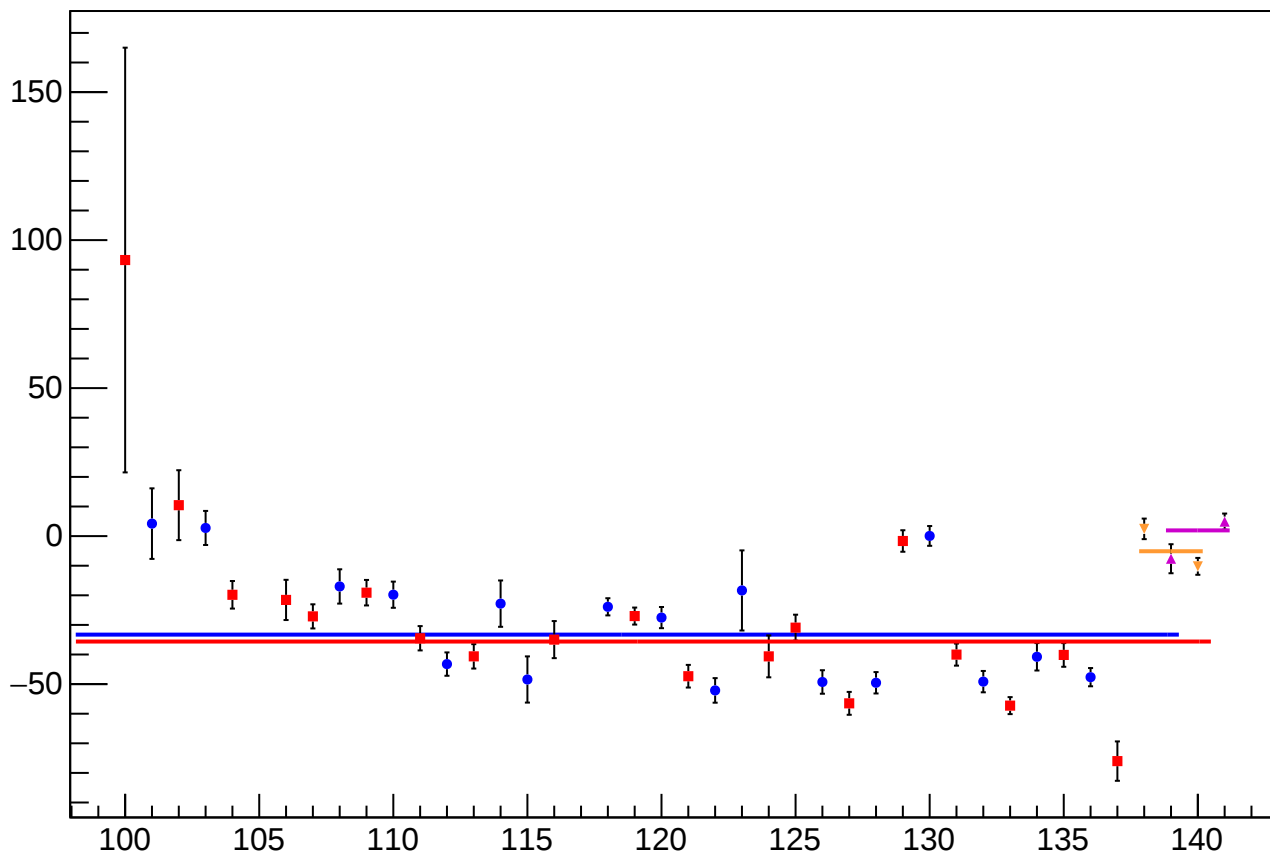
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 43.624 $\pm$ 1.344 χ^2 /NDF:424.2/18

Out: 35.204 $\pm$ 1.294 χ^2 /NDF:620.5/20

All: 39.254 $\pm$ 0.932 χ^2 /NDF: 1065.0/39

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -5.113 ± 2.204 χ^2/NDF : 7.9/1

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: -1.866 ± 1.618 χ^2/NDF : 17.6/3

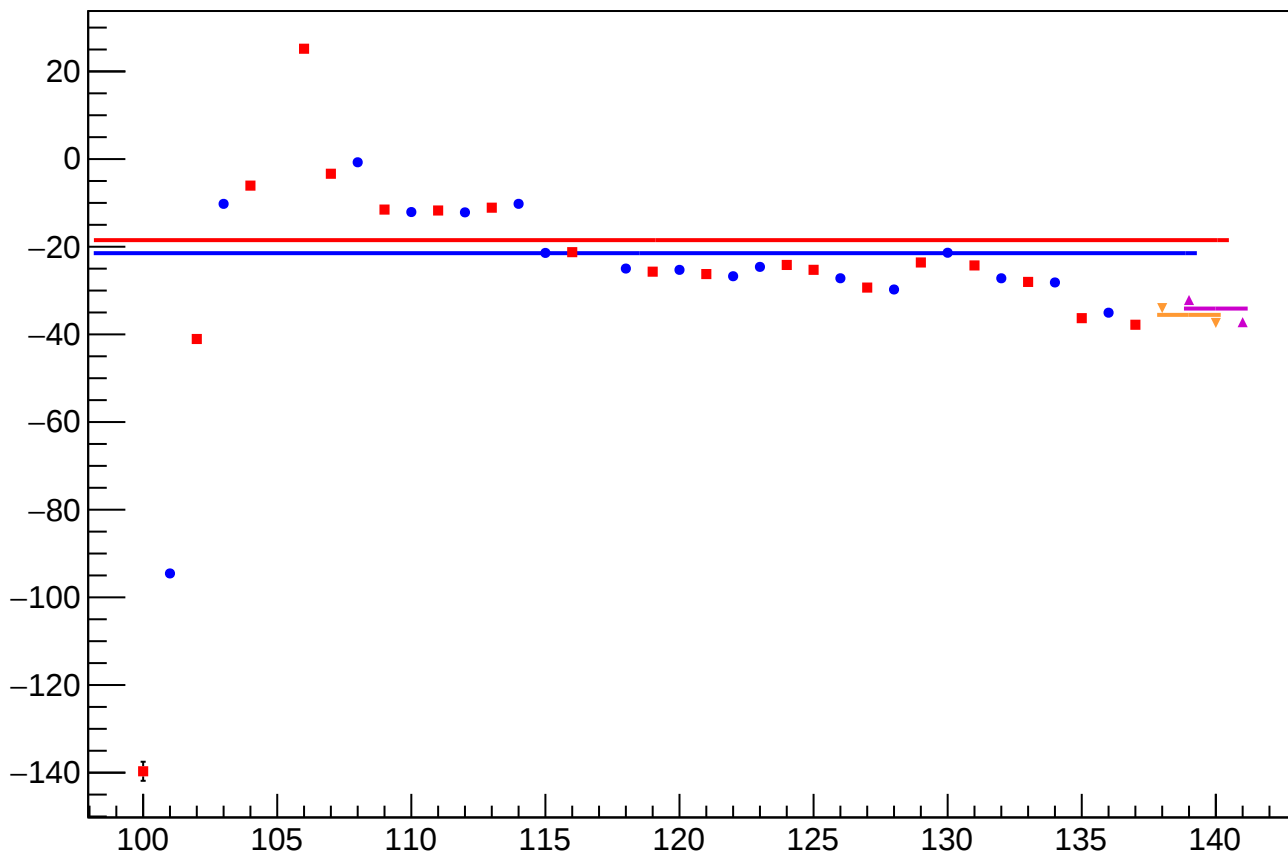
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -27.697 ± 0.949 χ^2/NDF : 481.5/18

Out: -30.474 ± 0.905 χ^2/NDF : 455.0/20

All: -29.152 ± 0.655 χ^2/NDF : 941.0/39

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -35.547 ± 0.090 $\chi^2/\text{NDF}: 350.1/1$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -34.108 ± 0.084 $\chi^2/\text{NDF}: 853.0/1$

Left: -34.780 ± 0.062 $\chi^2/\text{NDF}: 1339.0/3$

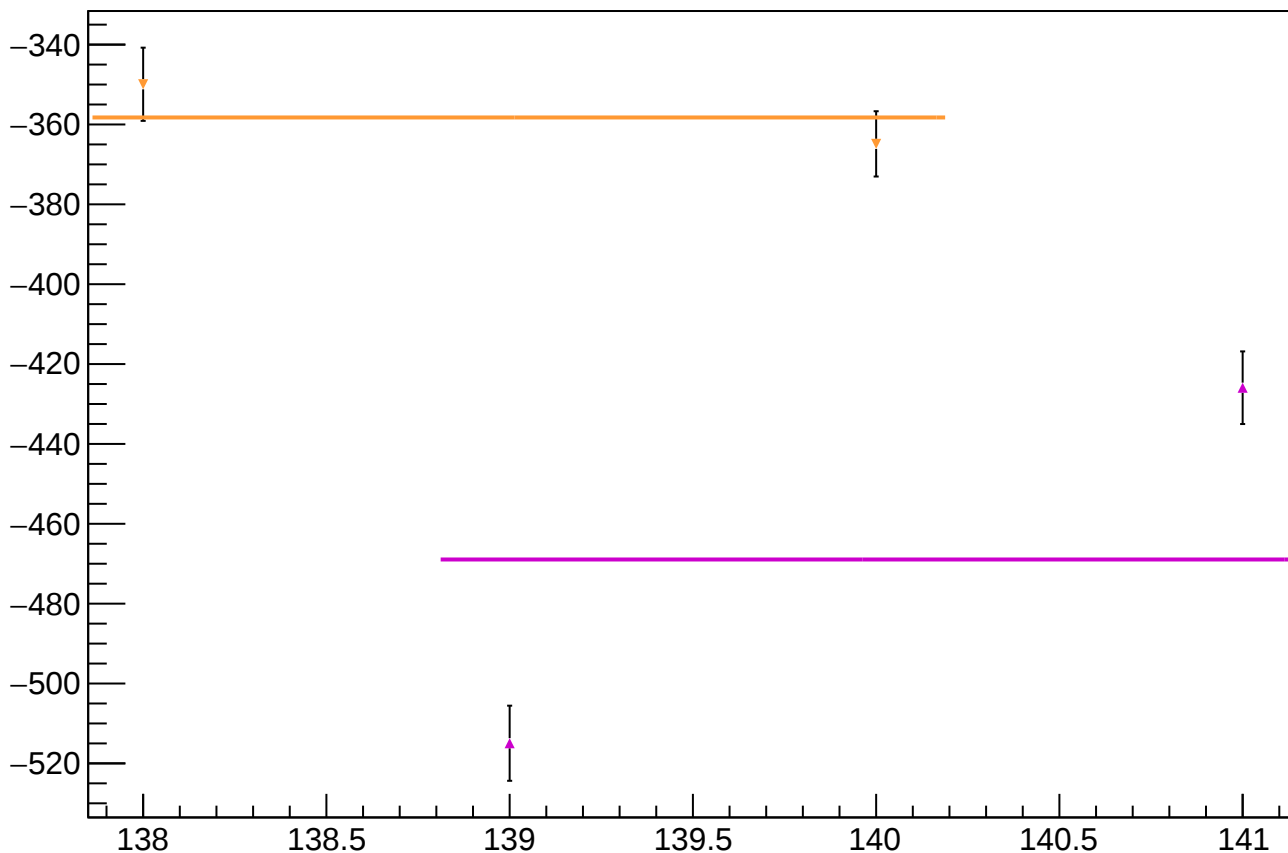
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -25.598 ± 0.048 $\chi^2/\text{NDF}: 64959.7/18$

Out: -23.415 ± 0.048 $\chi^2/\text{NDF}: 106542.8/20$

All: -24.511 ± 0.034 $\chi^2/\text{NDF}: 172524.8/39$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -358.246+/-6.101 χ^2/NDF :1.5/1

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: -409.764+/-4.461 χ^2/NDF : 201.0/3

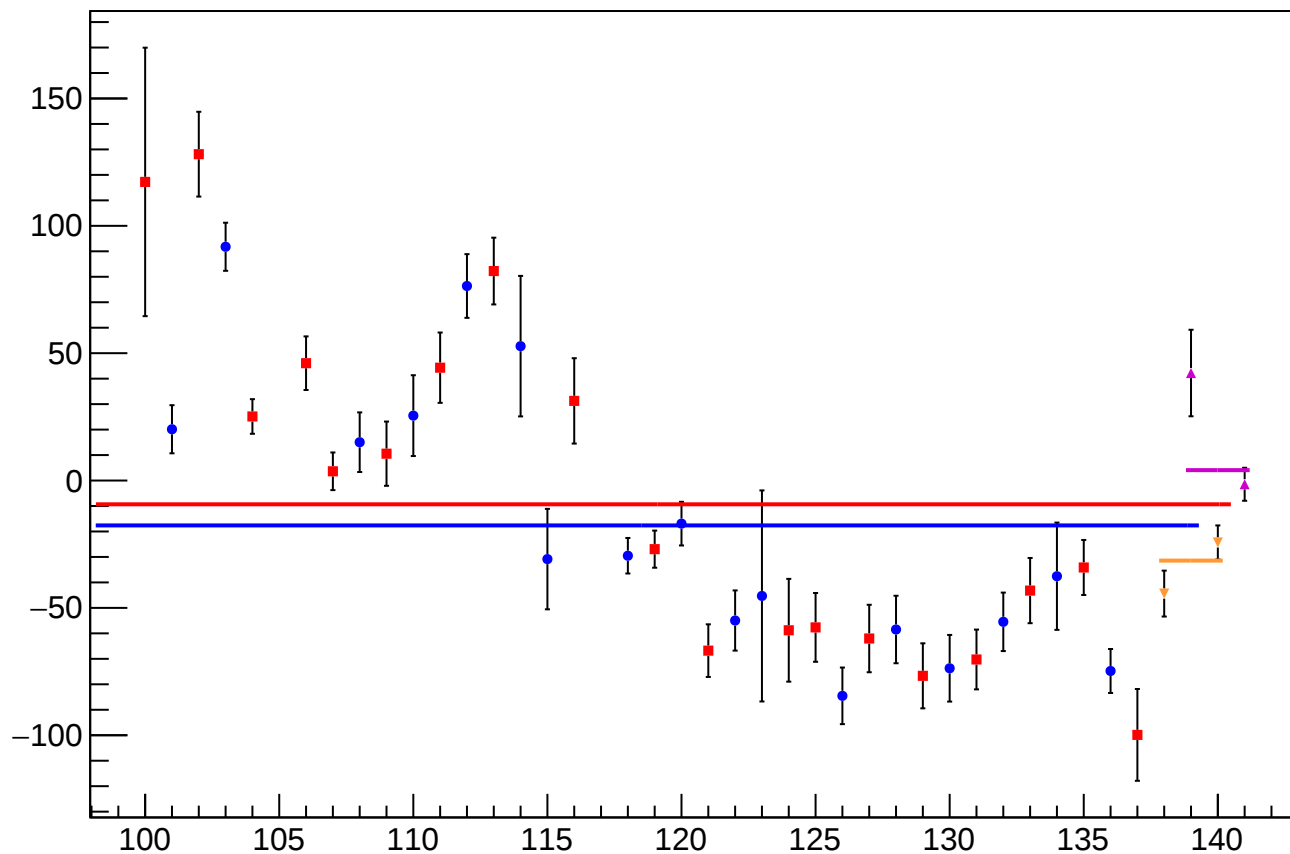
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -468.940+/-6.539 χ^2/NDF :46.3/1

Out: -358.246+/-6.101 χ^2/NDF :1.5/1

All: -409.764+/-4.461 χ^2/NDF : 201.0/3

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: -31.433 ± 5.369 $\chi^2/\text{NDF}: 3.2/1$

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: -15.793 ± 4.017 $\chi^2/\text{NDF}: 28.2/3$

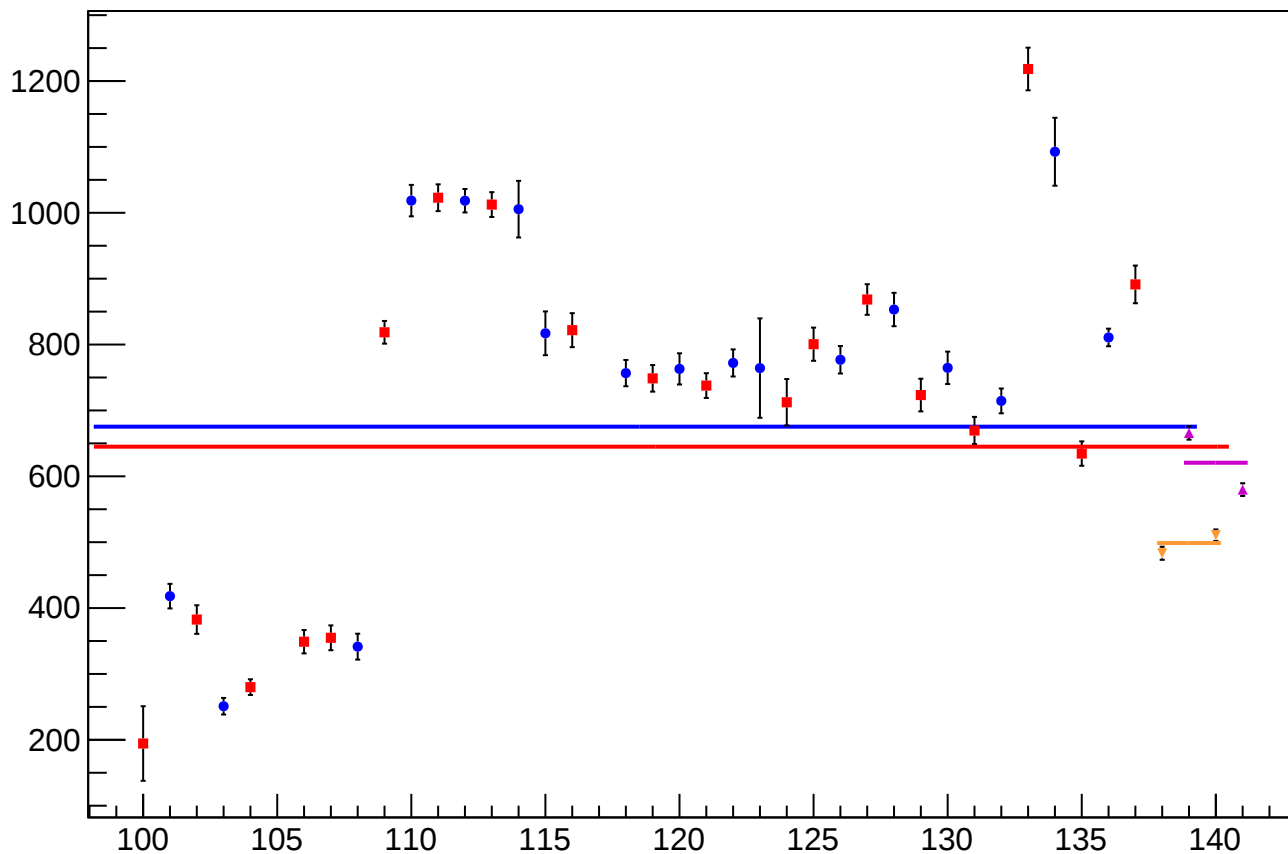
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: -13.824 ± 2.531 $\chi^2/\text{NDF}: 378.4/18$

Out: -13.553 ± 2.347 $\chi^2/\text{NDF}: 383.4/20$

All: -13.678 ± 1.721 $\chi^2/\text{NDF}: 761.8/39$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 498.739+/-6.547 χ^2/NDF : 4.3/1

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: 555.497+/-4.785 χ^2/NDF : 203.2/3

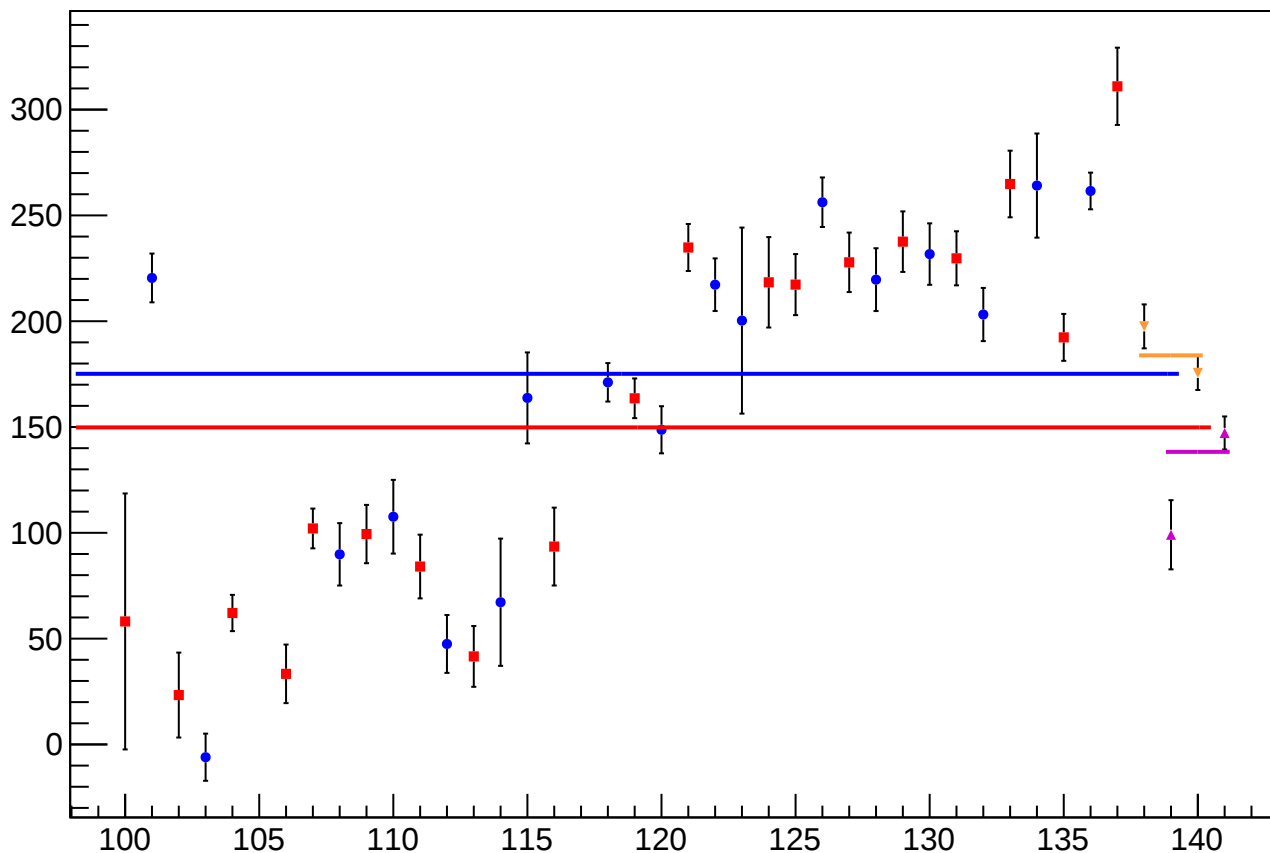
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 656.661+/-4.095 χ^2/NDF : 2660.4/18

Out: 594.460+/-3.849 χ^2/NDF : 3453.9/20

All: 623.631+/-2.805 χ^2/NDF : 6236.7/39

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: 183.867 $\pm$ 6.376 χ^2/NDF : 2.8/1

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: 163.325 $\pm$ 4.726 χ^2/NDF : 32.9/3

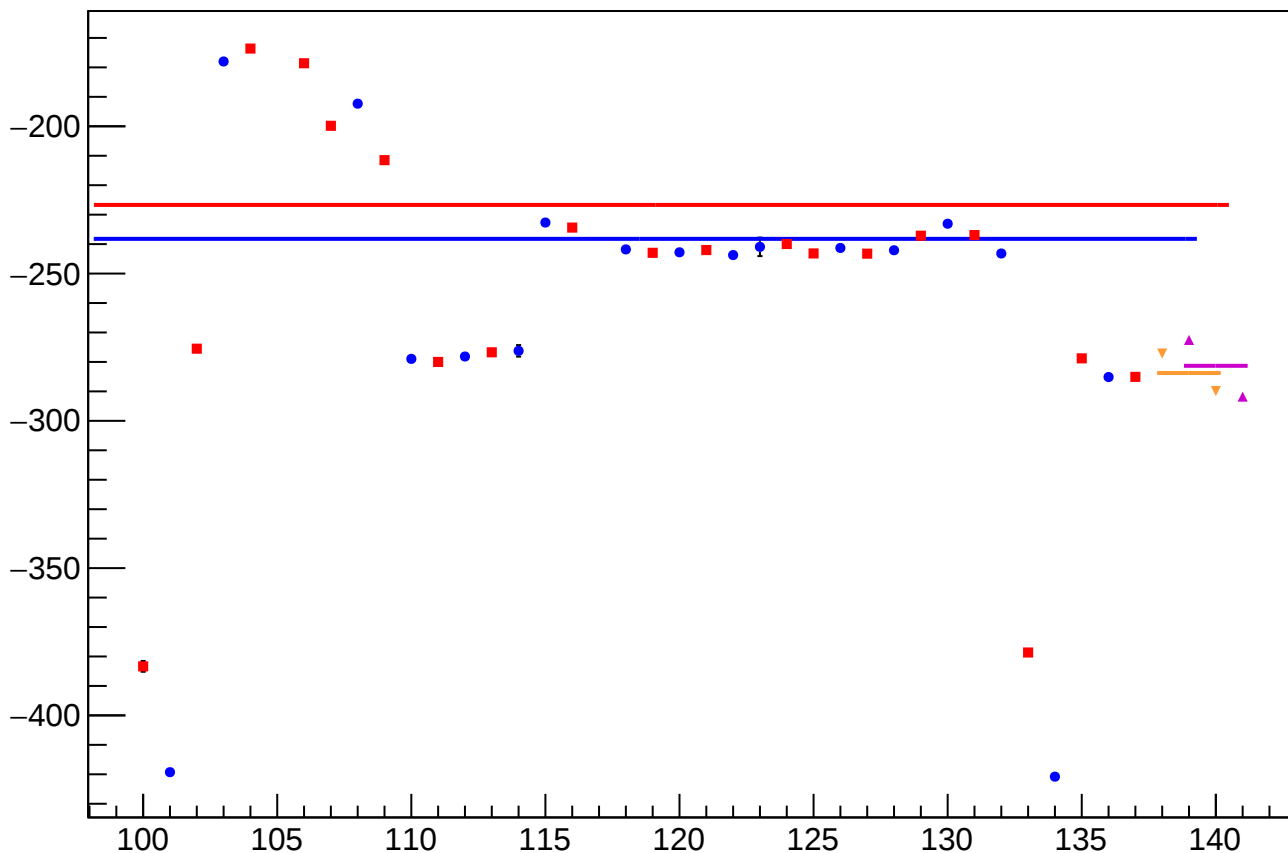
Right: 161.803 $\pm$ 2.208 χ^2/NDF : 1356.9/35

In: 168.800 $\pm$ 2.920 χ^2/NDF : 665.4/18

Out: 156.133 $\pm$ 2.745 χ^2/NDF : 714.5/20

All: 162.075 $\pm$ 2.000 χ^2/NDF : 1389.9/39

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -283.763+/-0.274 χ^2/NDF : 537.4/1

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: -282.496+/-0.191 χ^2/NDF : 1887.2/3

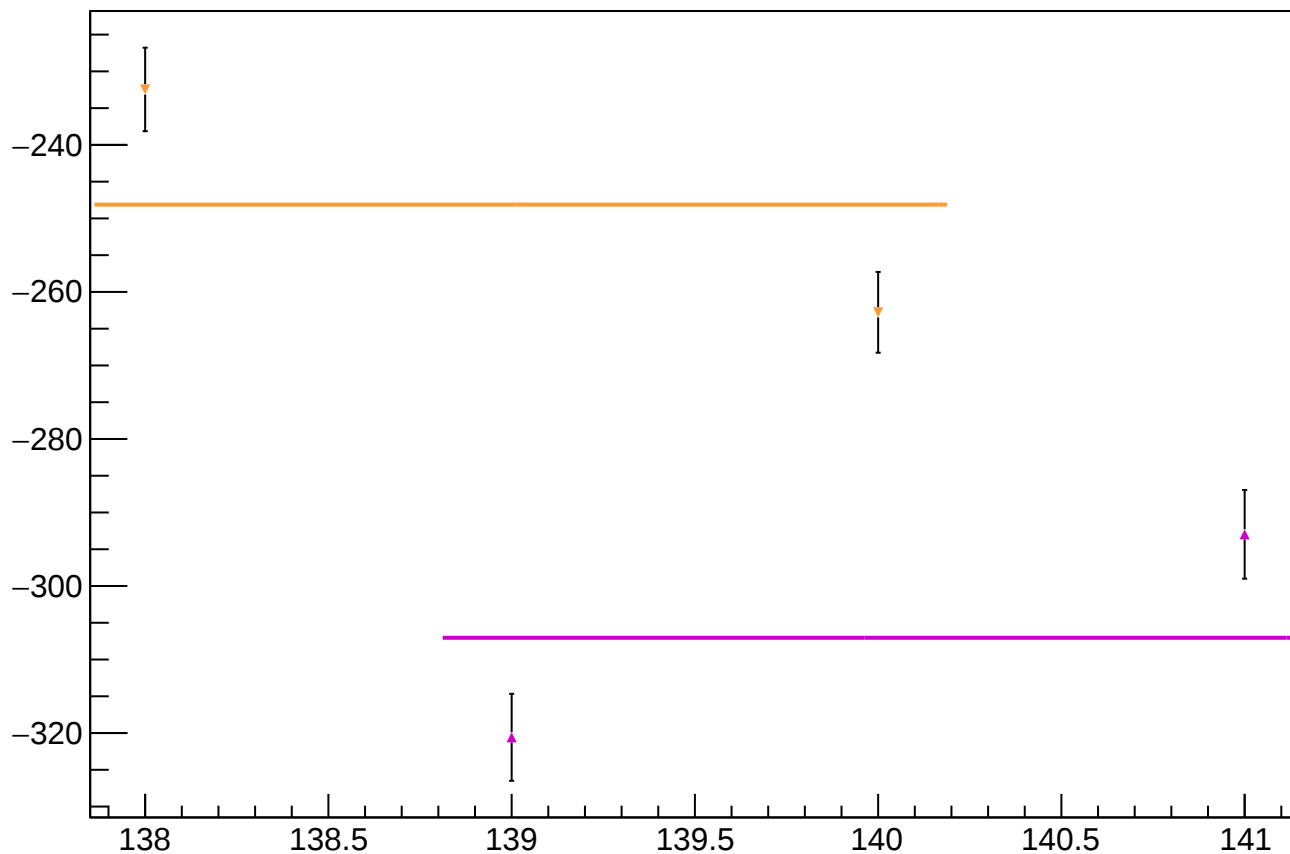
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -249.740+/-0.137 χ^2/NDF : 187791.1/18

Out: -239.978+/-0.132 χ^2/NDF : 136571.7/20

All: -244.689+/-0.095 χ^2/NDF : 326989.3/39

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -248.121 $\pm$ 3.949 χ^2/NDF :14.7/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -307.040 $\pm$ 4.223 χ^2/NDF :10.7/1

Left: -275.607 $\pm$ 2.885 χ^2/NDF : 129.2/3

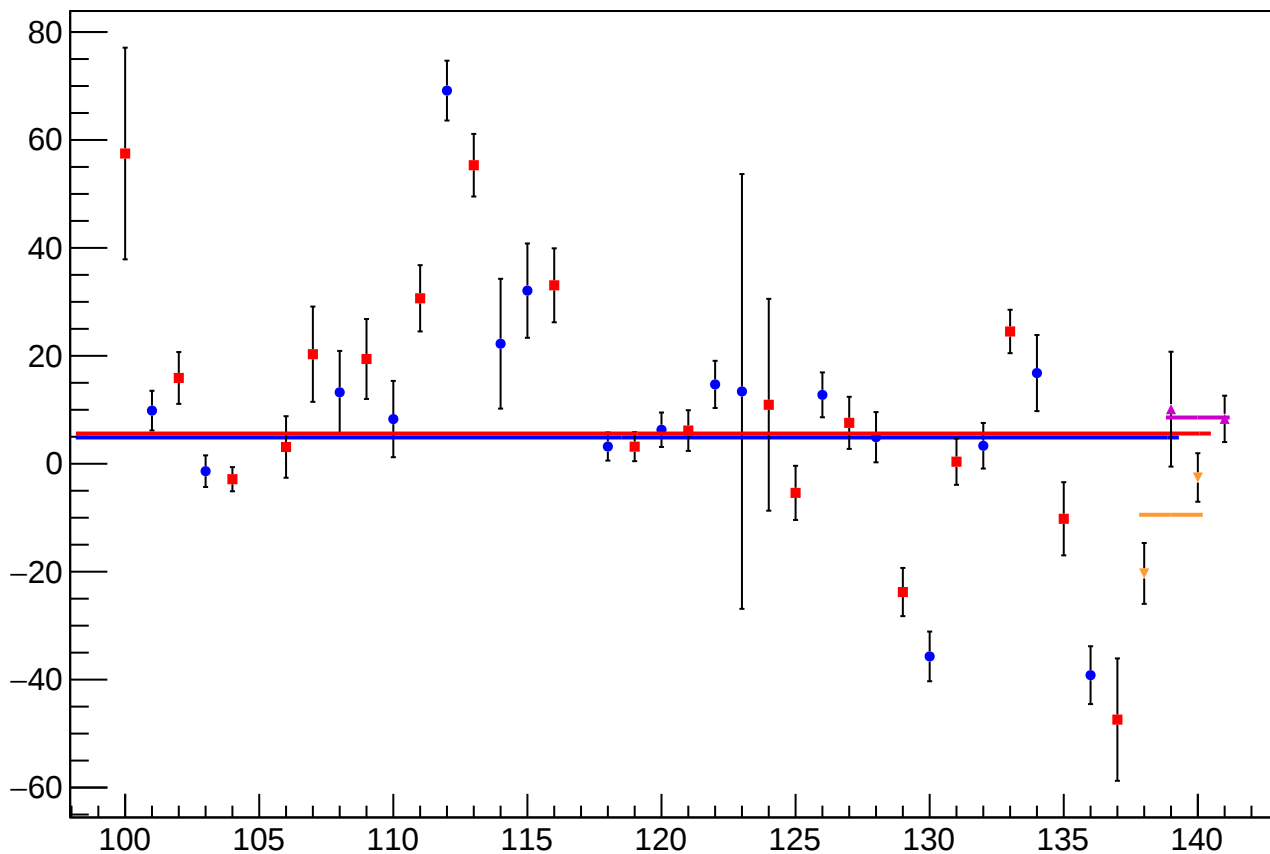
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -307.040 $\pm$ 4.223 χ^2/NDF :10.7/1

Out: -248.121 $\pm$ 3.949 χ^2/NDF :14.7/1

All: -275.607 $\pm$ 2.885 χ^2/NDF : 129.2/3

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: -9.452 ± 3.517 χ^2/NDF : 6.1/1

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 8.569 ± 3.984 χ^2/NDF : 0.0/1

Left: -1.559 ± 2.636 χ^2/NDF : 17.6/3

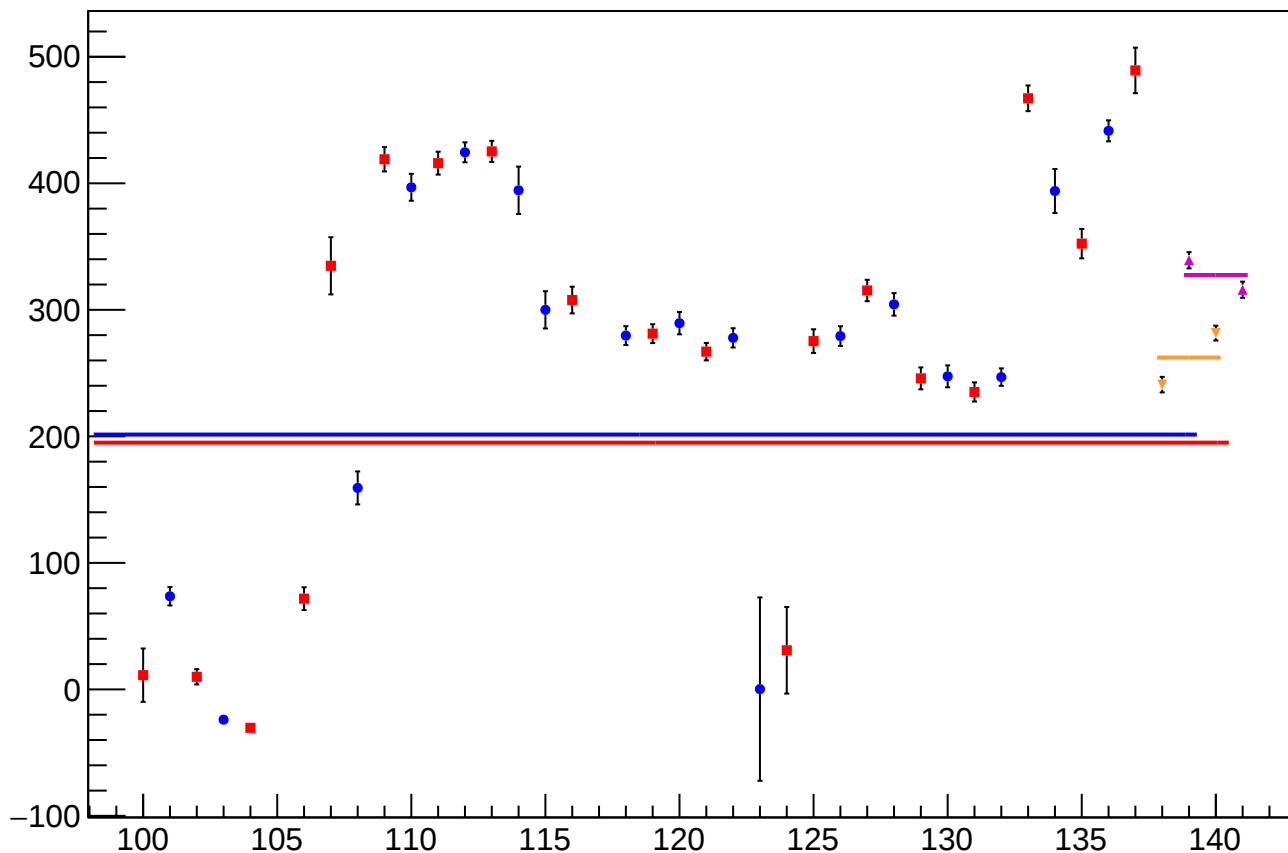
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 5.128 ± 1.052 χ^2/NDF : 312.4/18

Out: 4.330 ± 1.023 χ^2/NDF : 261.4/20

All: 4.718 ± 0.733 χ^2/NDF : 574.1/39

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: 262.286 $\pm$ 4.241 χ^2 /NDF:23.0/1

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: 292.754 $\pm$ 3.097 χ^2 /NDF: 140.1/3

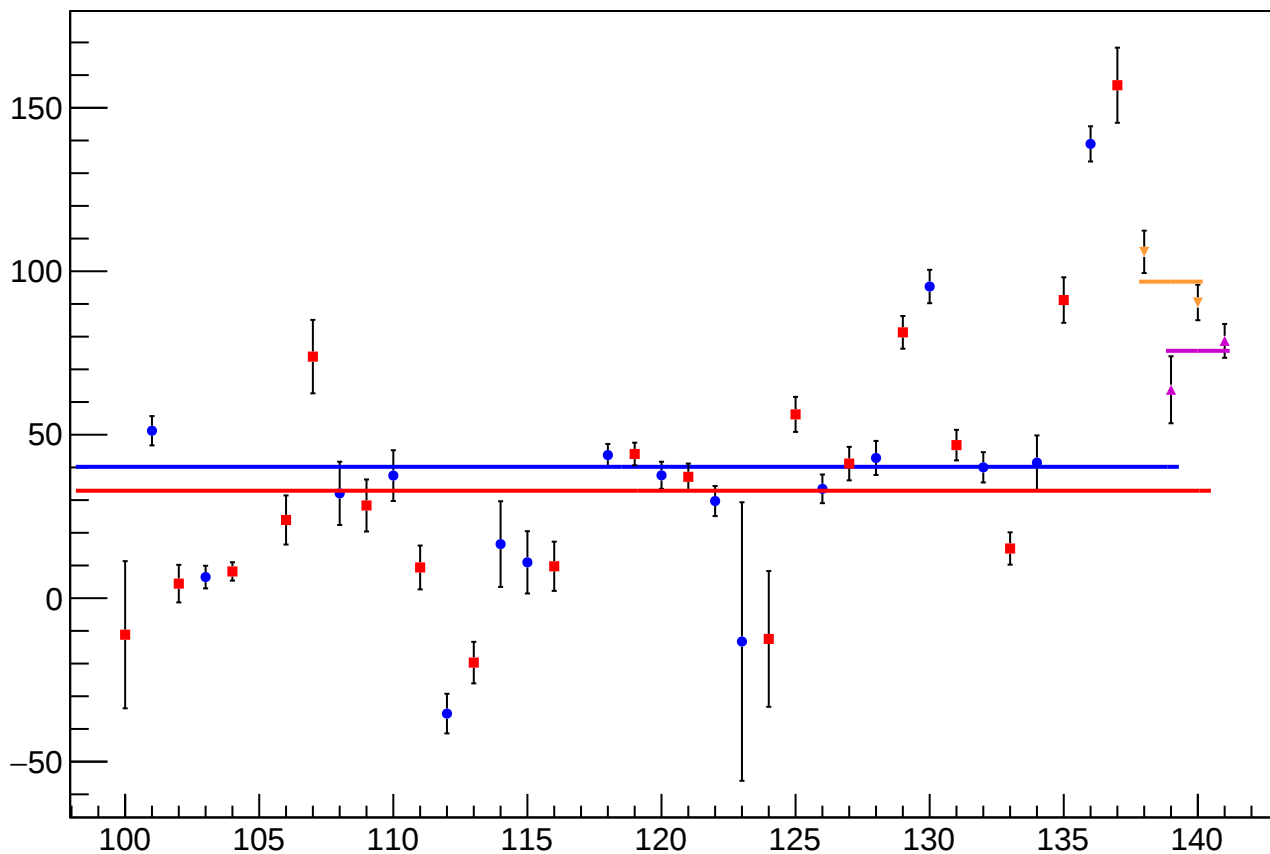
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 221.515 $\pm$ 1.810 χ^2 /NDF:7398.2/18

Out: 206.494 $\pm$ 1.752 χ^2 /NDF:8486.3/20

All: 213.760 $\pm$ 1.259 χ^2 /NDF: 15920.0/39

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 96.828 ± 4.160 $\chi^2/\text{NDF}: 3.4/1$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 75.664 ± 4.618 $\chi^2/\text{NDF}: 1.7/1$

Left: 87.347 ± 3.091 $\chi^2/\text{NDF}: 16.7/3$

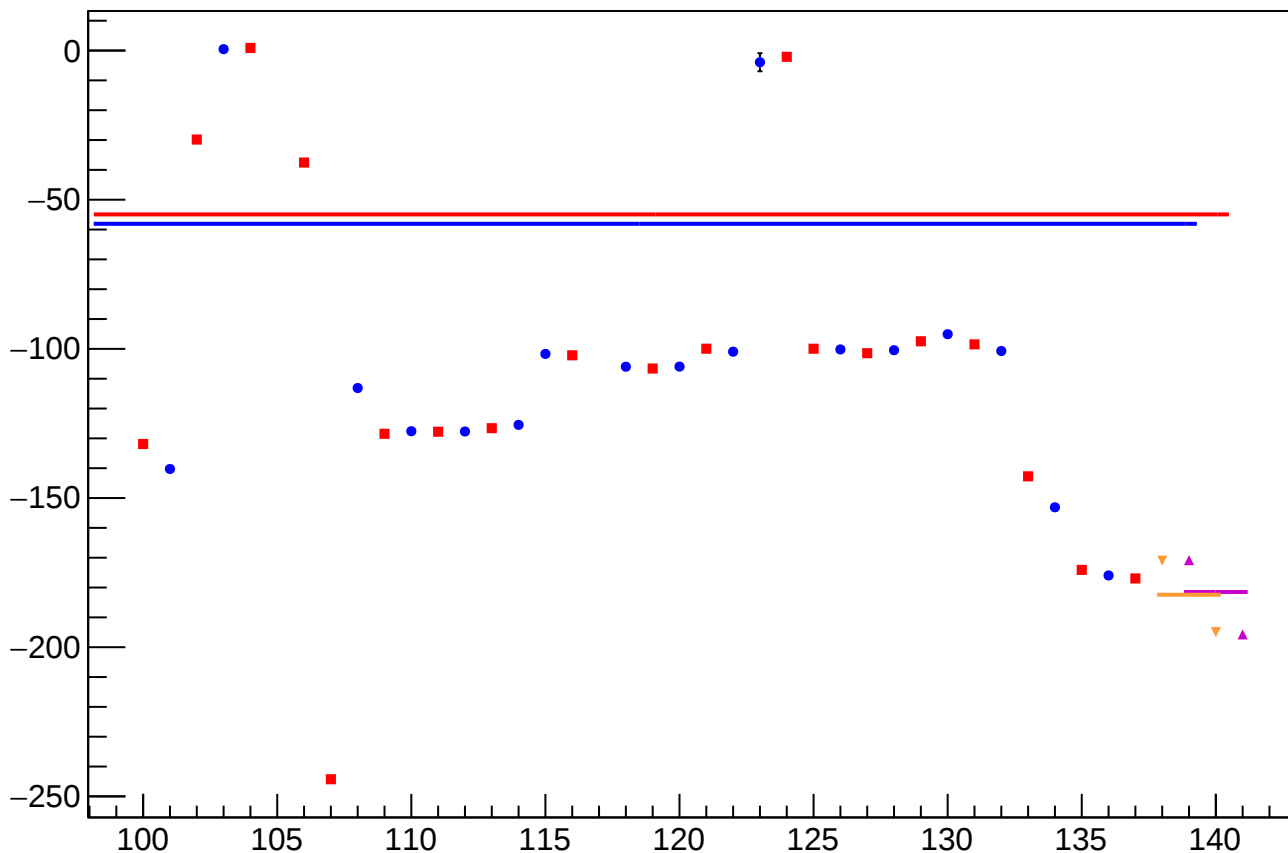
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 42.677 ± 1.224 $\chi^2/\text{NDF}: 790.6/18$

Out: 38.174 ± 1.198 $\chi^2/\text{NDF}: 771.1/20$

All: 40.376 ± 0.856 $\chi^2/\text{NDF}: 1568.6/39$

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: -182.414+/-0.177 χ^2/NDF : 4592.5/1

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: -181.936+/-0.123 χ^2/NDF : 9839.0/3

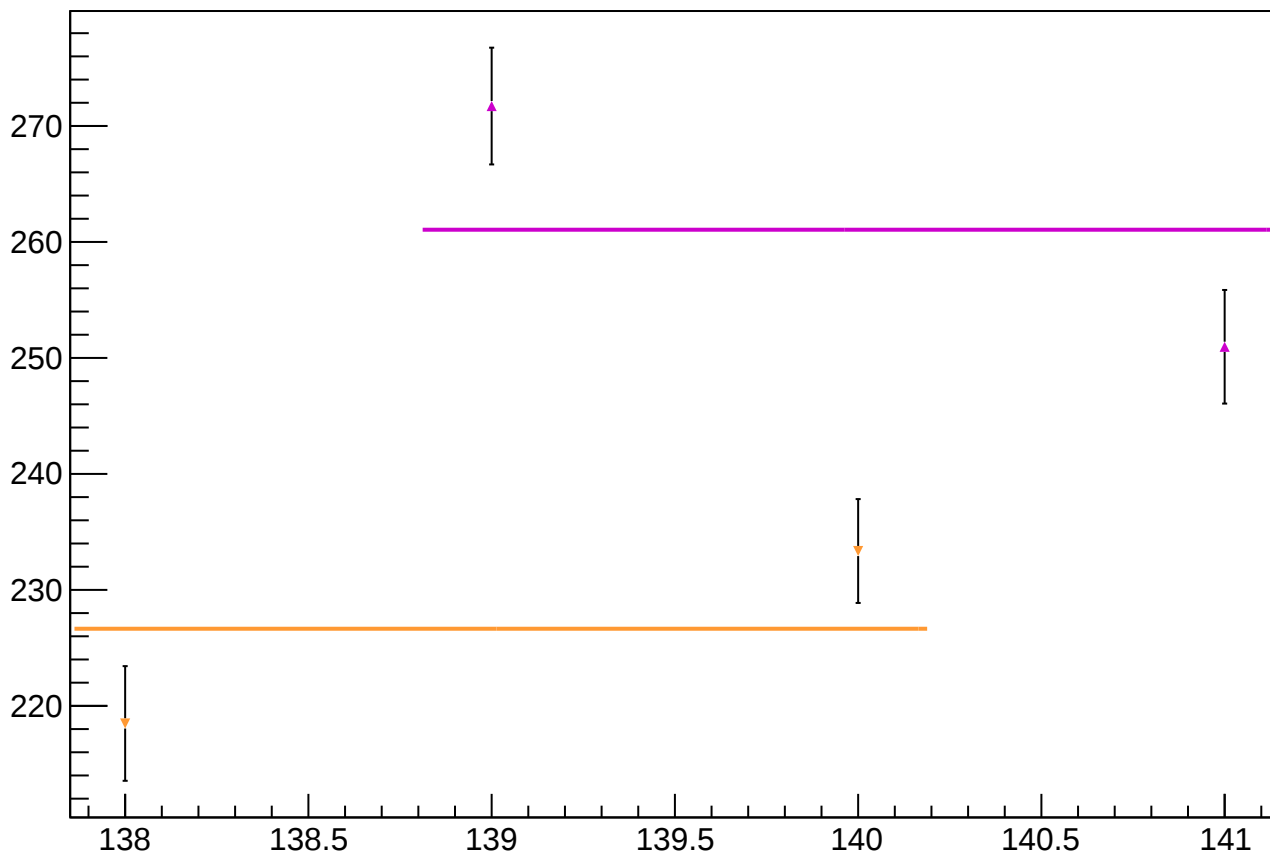
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -72.372+/-0.058 χ^2/NDF : 1574293.2/18

Out: -68.201+/-0.057 χ^2/NDF : 1475355.4/20

All: -70.252+/-0.041 χ^2/NDF : 3052282.4/39

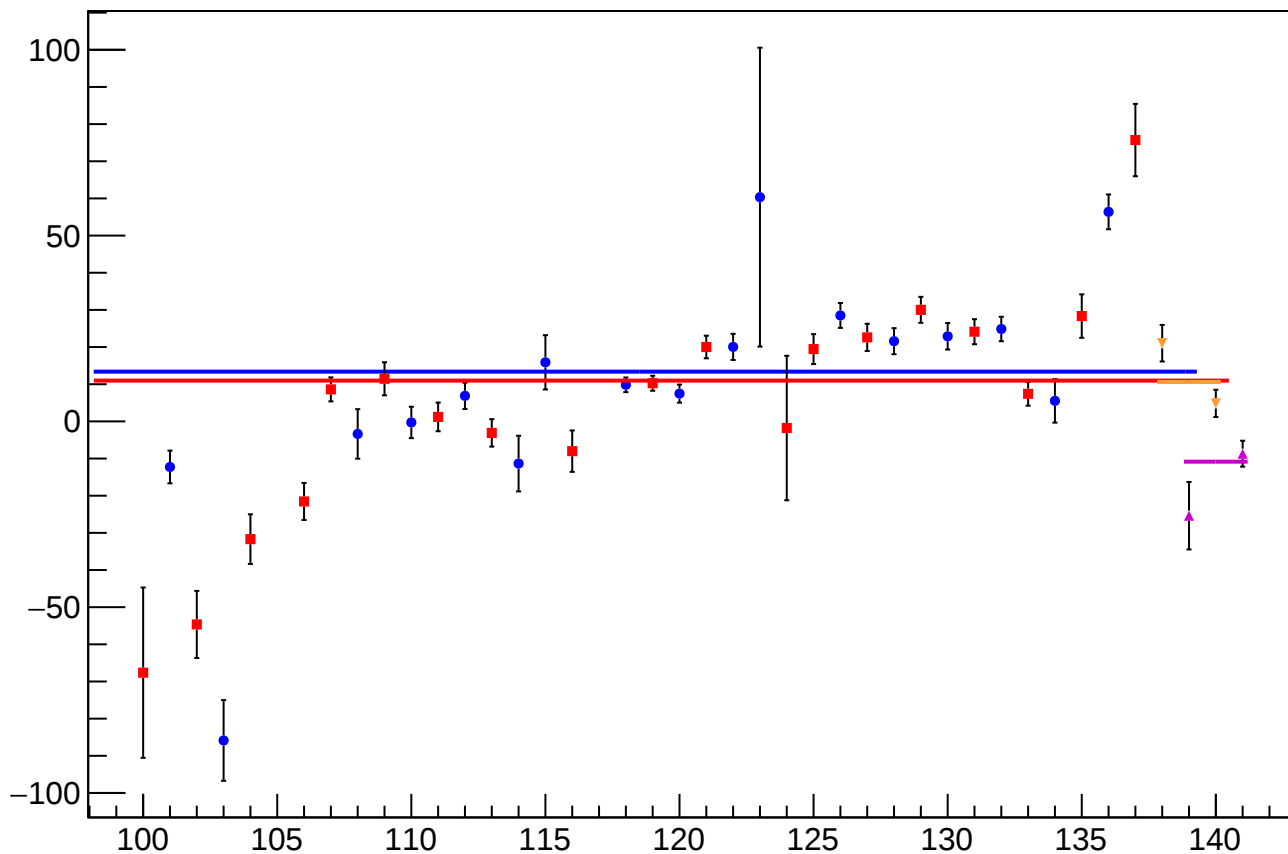
reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



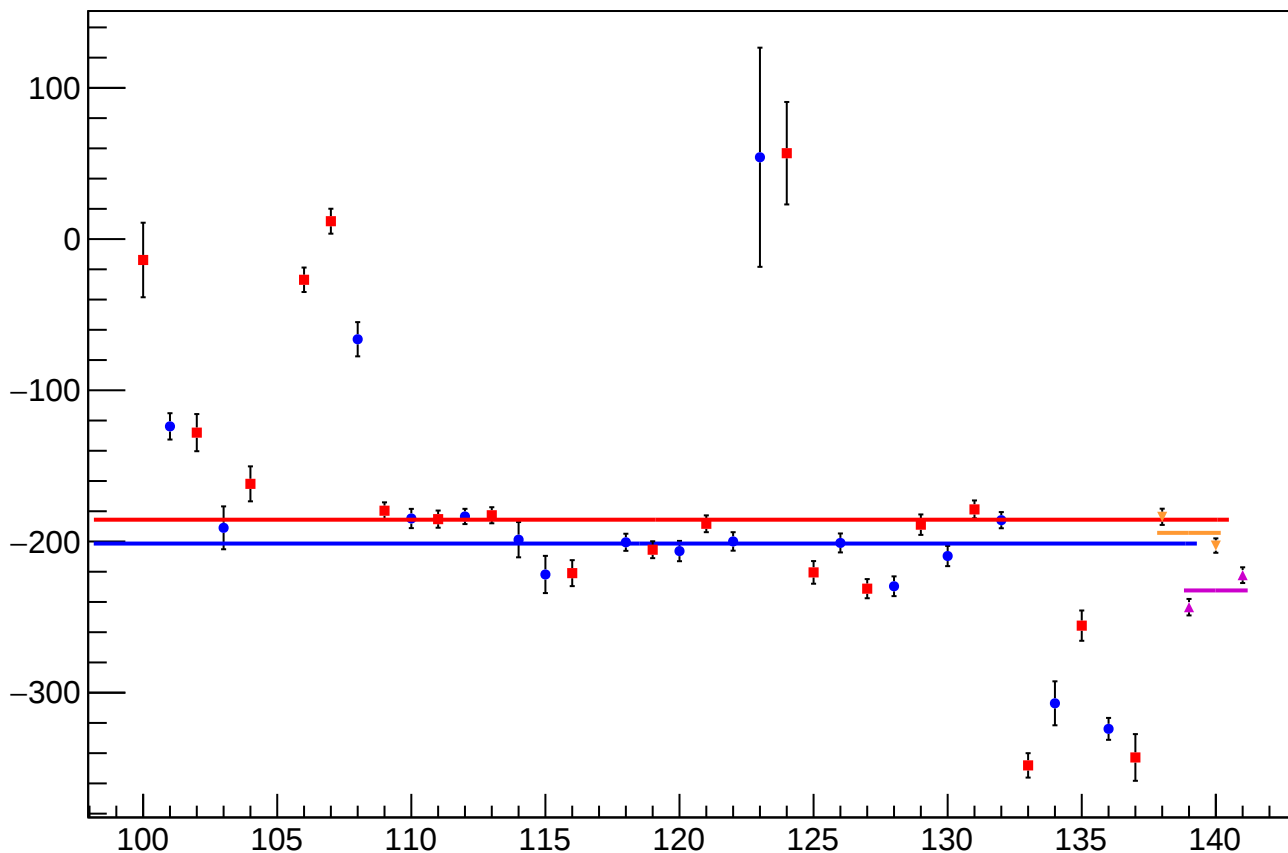
Right In: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Left Out: 226.651±/-3.319 χ^2/NDF :5.0/1
 Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0
 Left In: 261.055±/-3.510 χ^2/NDF :8.7/1

Left: 242.889±/-2.412 χ^2/NDF : 64.4/3
 Right: 0.000±/-0.000 χ^2/NDF : 0.0/0
 In: 261.055±/-3.510 χ^2/NDF :8.7/1
 Out: 226.651±/-3.319 χ^2/NDF :5.0/1
 All: 242.889±/-2.412 χ^2/NDF : 64.4/3

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -194.295 ± 3.562 χ^2/NDF : 7.0/1

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: -212.287 ± 2.587 χ^2/NDF : 68.9/3

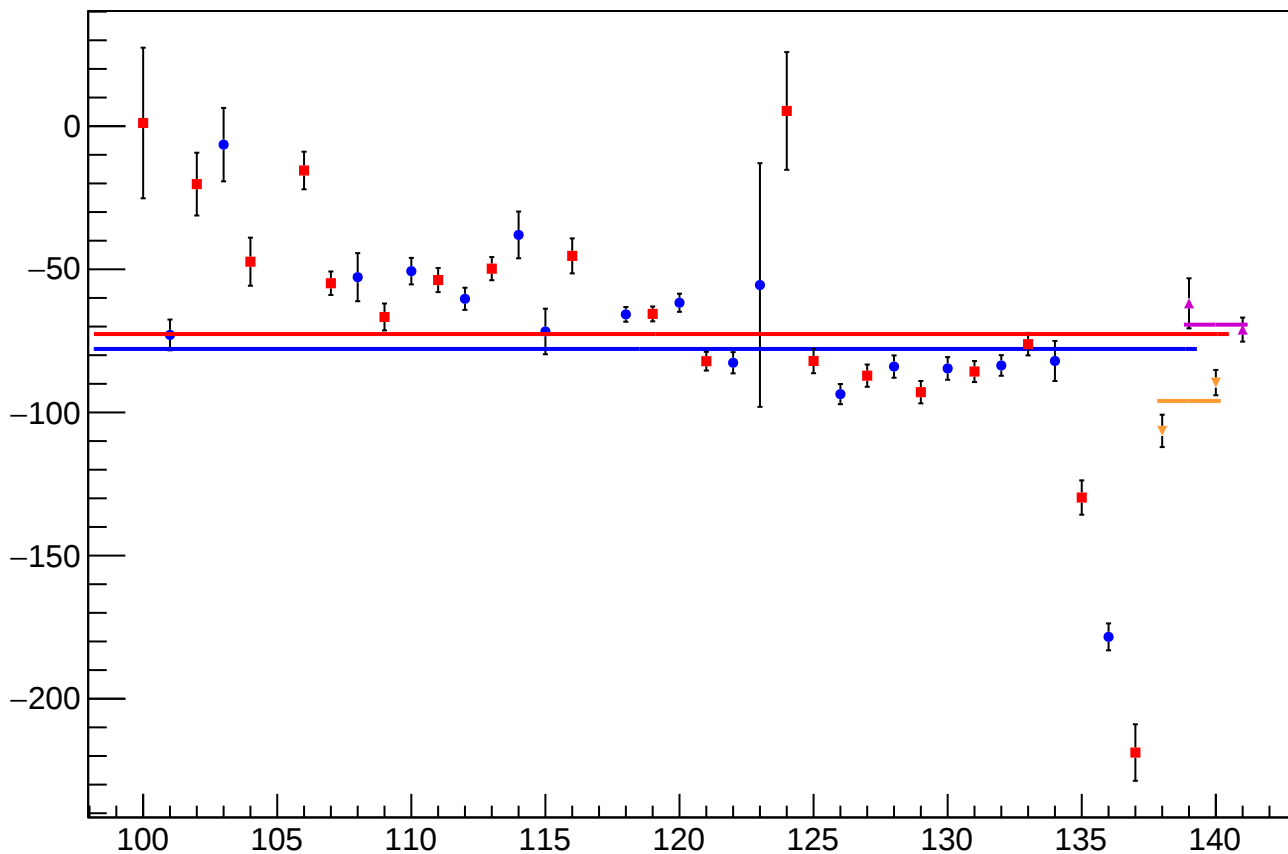
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -207.052 ± 1.612 χ^2/NDF : 688.3/18

Out: -187.203 ± 1.534 χ^2/NDF : 1760.1/20

All: -196.635 ± 1.111 χ^2/NDF : 2528.0/39

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: -95.972+/-3.482 χ^2/NDF : 5.5/1

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: -83.771+/-2.564 χ^2/NDF : 33.2/3

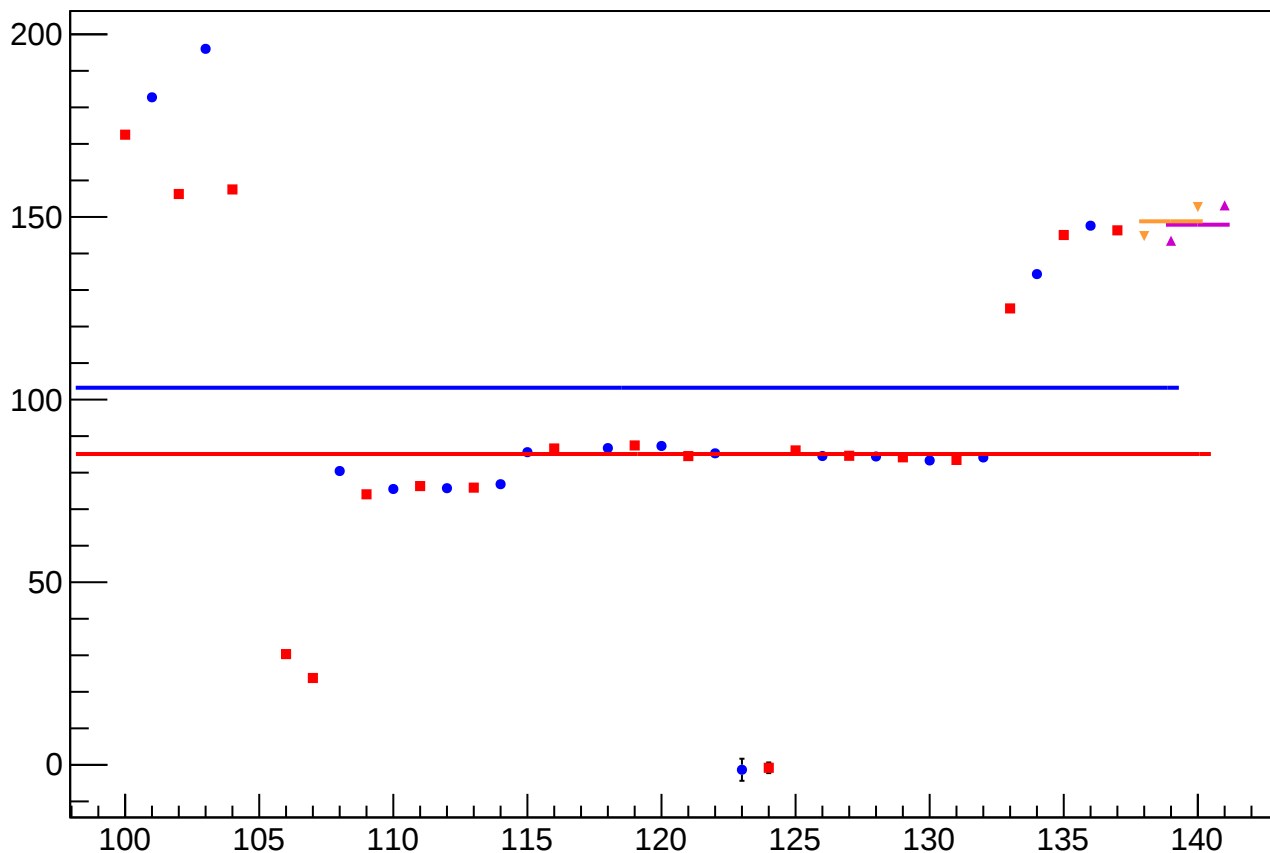
Right: -75.179+/-0.750 χ^2/NDF : 1275.2/35

In: -77.194+/-1.028 χ^2/NDF : 661.9/18

Out: -74.571+/-1.008 χ^2/NDF : 653.6/20

All: -75.856+/-0.720 χ^2/NDF : 1318.8/39

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: 148.809 $\pm$ 0.149 χ^2 /NDF: 714.1/1

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: 148.325 $\pm$ 0.103 χ^2 /NDF: 1884.9/3

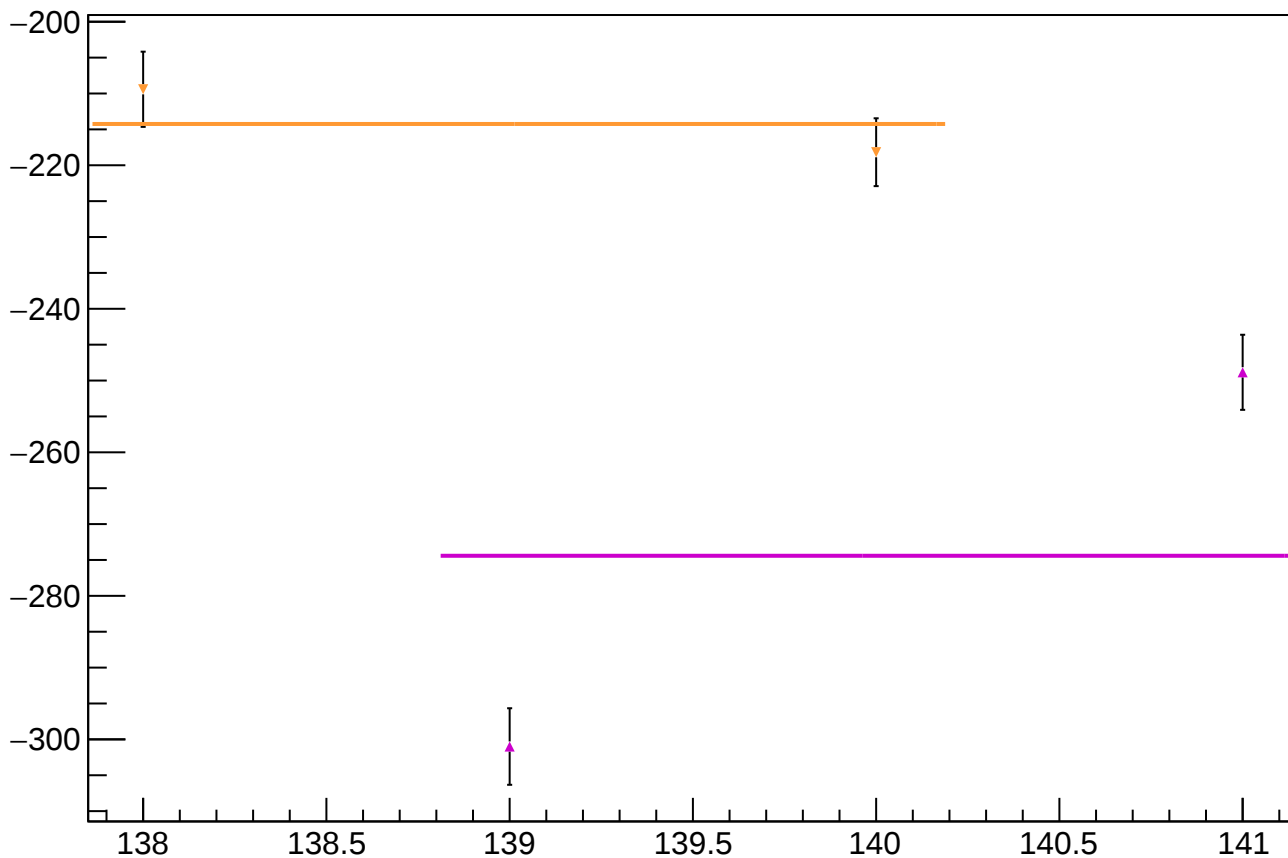
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 112.057 $\pm$ 0.063 χ^2 /NDF: 353750.6/18

Out: 94.991 $\pm$ 0.059 χ^2 /NDF: 579393.0/20

All: 102.884 $\pm$ 0.043 χ^2 /NDF: 972431.4/39

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: -214.247+/-3.509 χ^2/NDF :1.5/1

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: -242.460+/-2.557 χ^2/NDF : 188.1/3

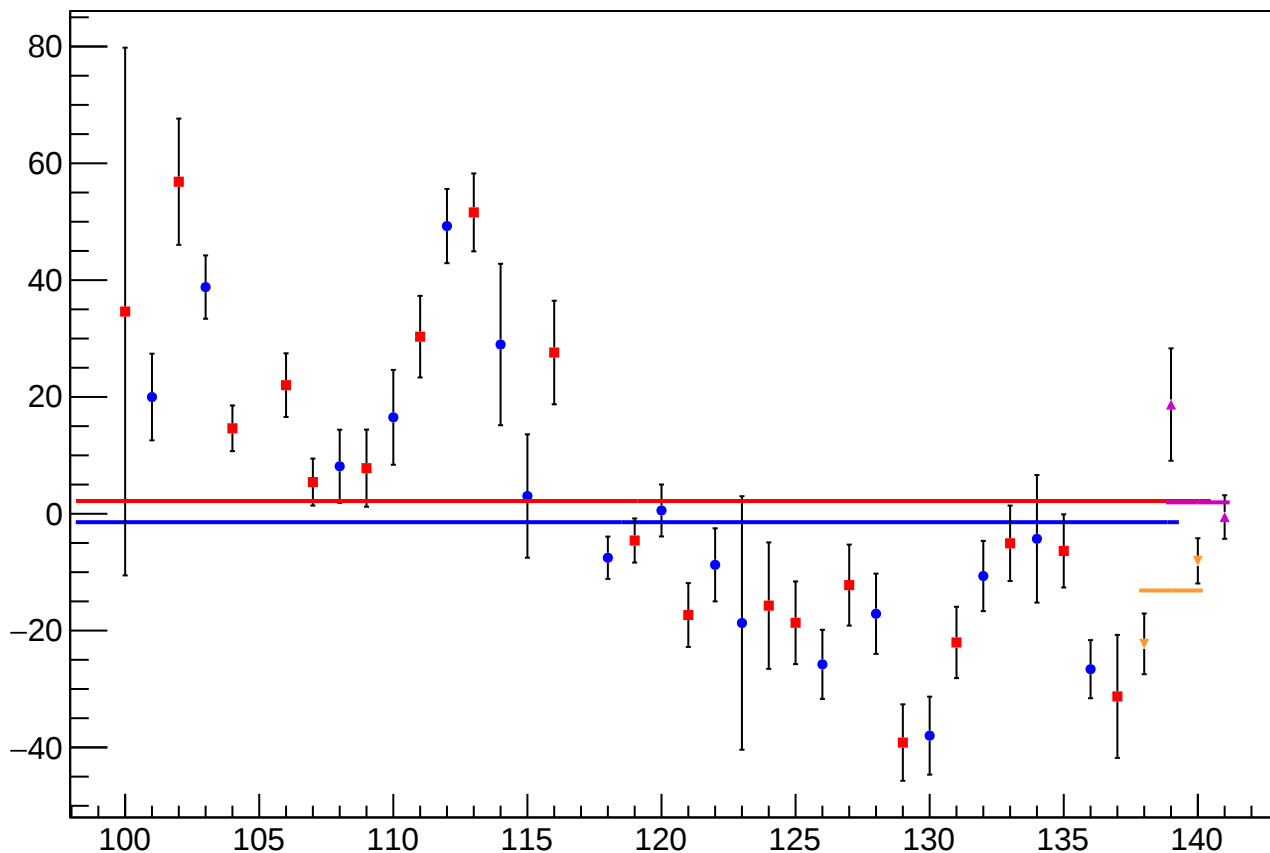
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.416+/-3.735 χ^2/NDF :48.7/1

Out: -214.247+/-3.509 χ^2/NDF :1.5/1

All: -242.460+/-2.557 χ^2/NDF : 188.1/3

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: -13.134 ± 3.104 $\chi^2/\text{NDF}: 4.8/1$

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: -6.439 ± 2.315 $\chi^2/\text{NDF}: 18.8/3$

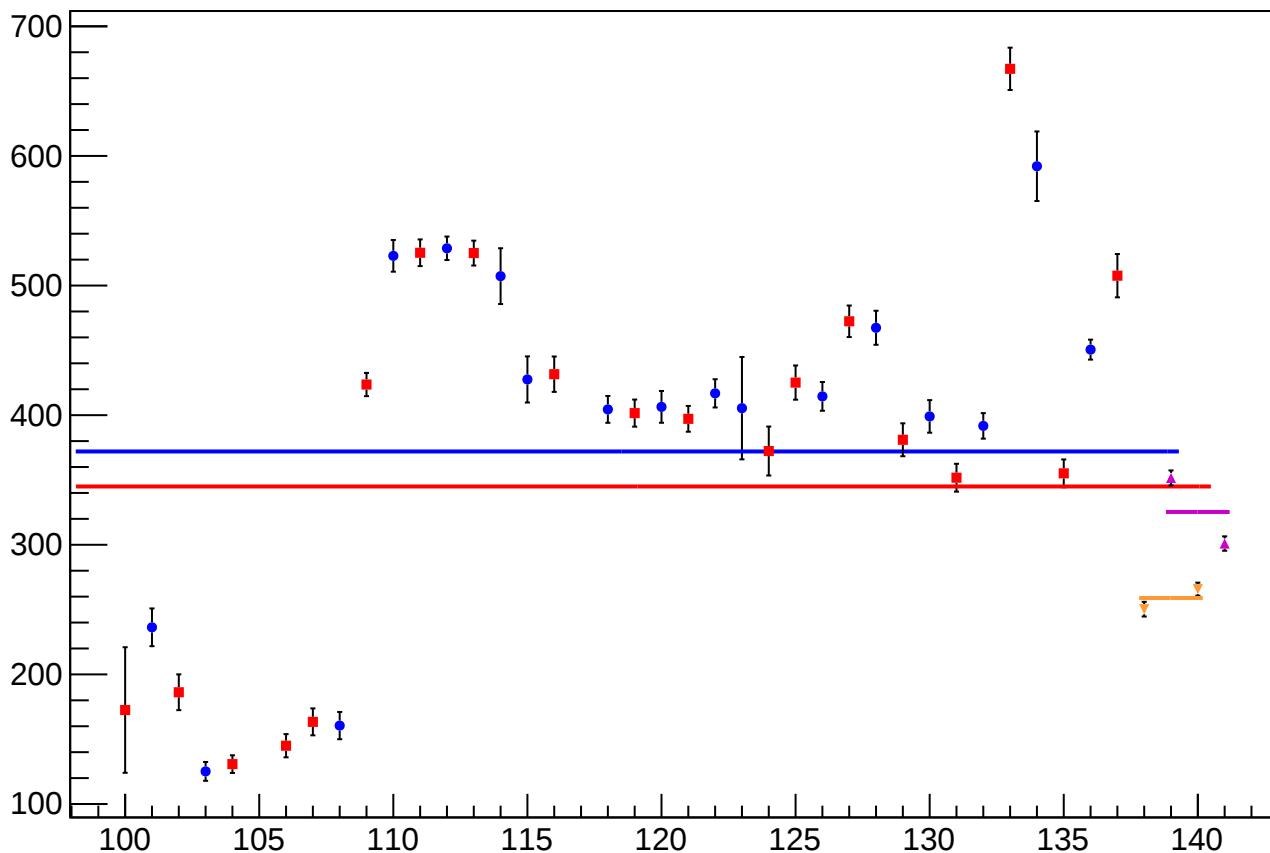
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: -0.897 ± 1.390 $\chi^2/\text{NDF}: 228.7/18$

Out: -0.403 ± 1.277 $\chi^2/\text{NDF}: 255.7/20$

All: -0.629 ± 0.940 $\chi^2/\text{NDF}: 484.5/39$

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: 258.973 $\pm$ 3.766 χ^2 /NDF: 4.1/1

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: 290.104 $\pm$ 2.744 χ^2 /NDF: 189.6/3

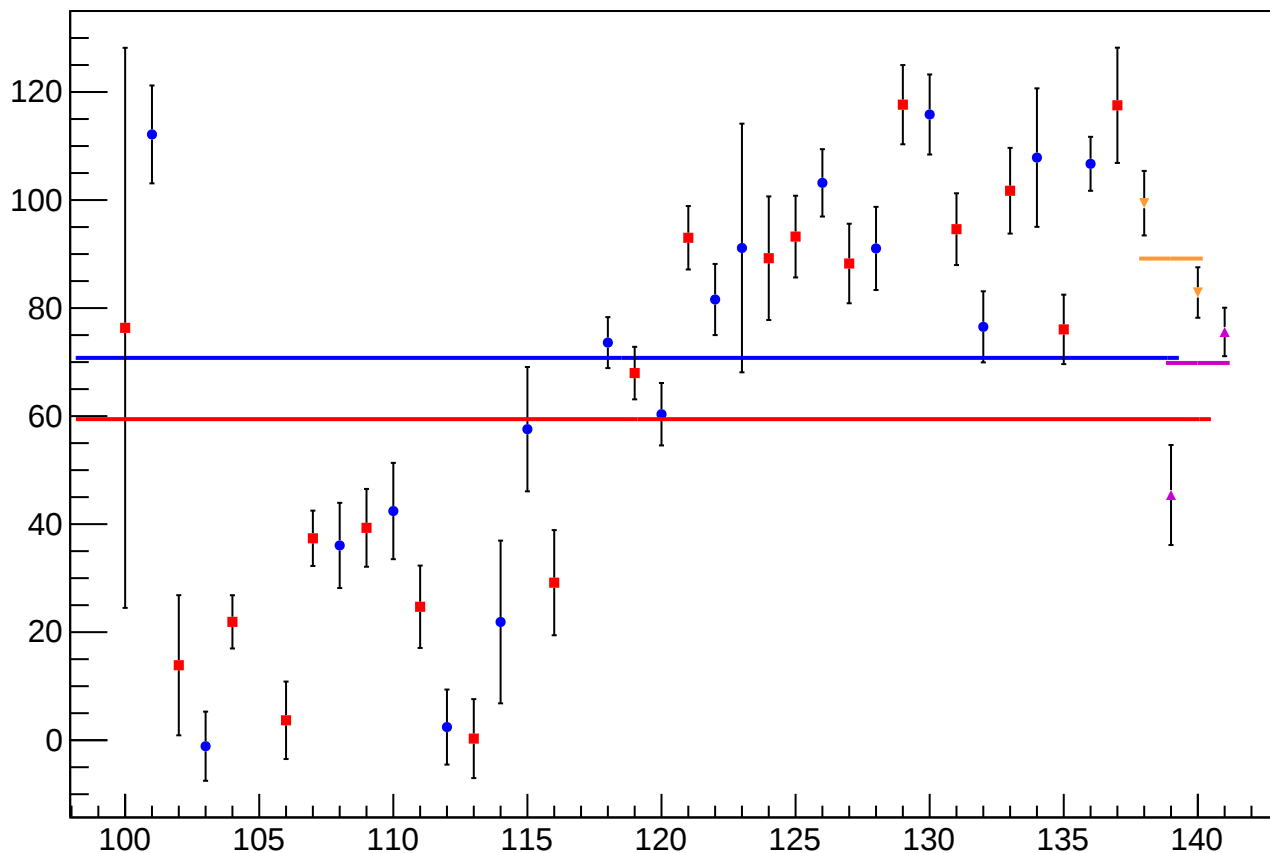
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 356.934 $\pm$ 2.275 χ^2 /NDF: 2563.1/18

Out: 317.794 $\pm$ 2.118 χ^2 /NDF: 3775.2/20

All: 335.961 $\pm$ 1.550 χ^2 /NDF: 6496.9/39

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: 89.167 $\pm$ 3.681 χ^2 /NDF:4.8/1

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: 80.399 $\pm$ 2.721 χ^2 /NDF: 25.9/3

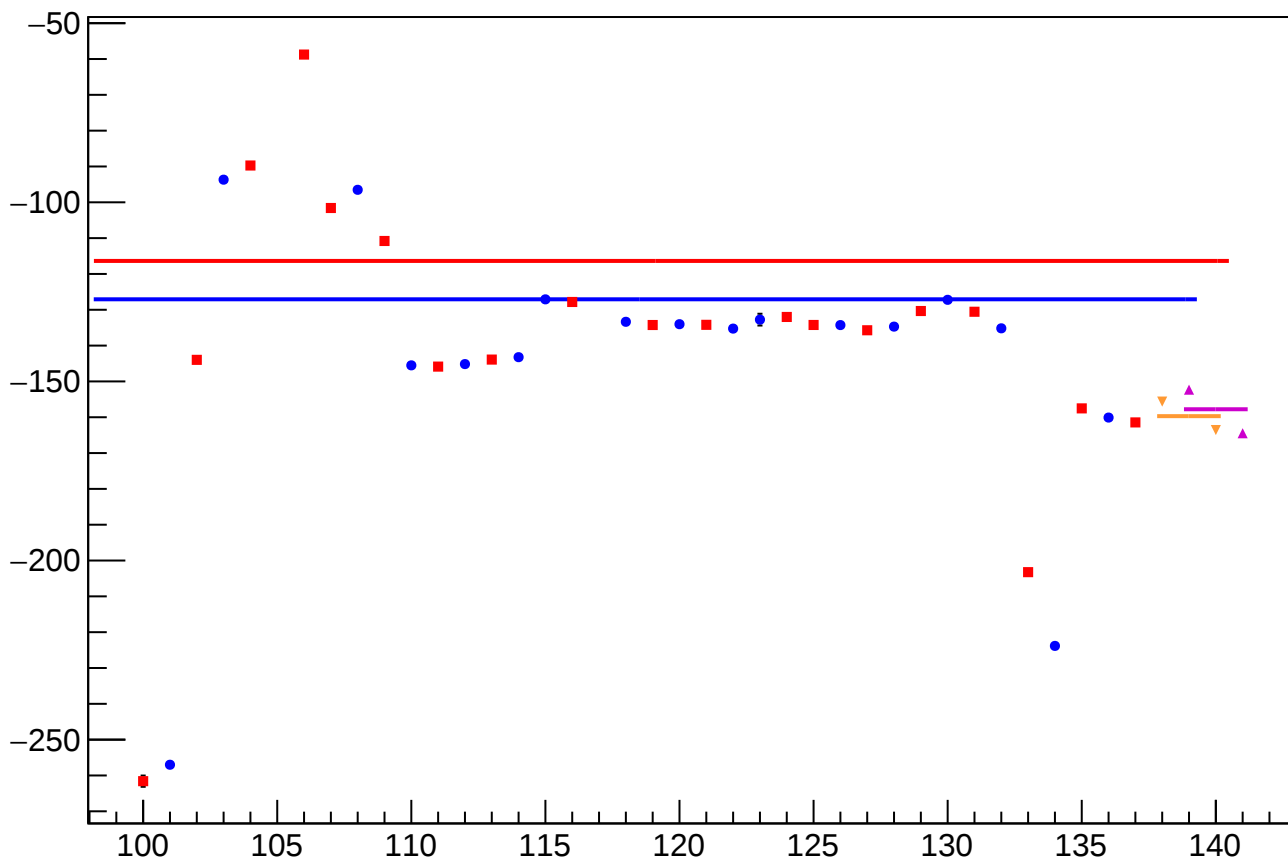
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 70.633 $\pm$ 1.603 χ^2 /NDF:432.6/18

Out: 64.317 $\pm$ 1.491 χ^2 /NDF:546.0/20

All: 67.247 $\pm$ 1.092 χ^2 /NDF: 986.9/39

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: -159.696+/-0.158 χ^2/NDF : 635.0/1

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: -158.693+/-0.109 χ^2/NDF : 2317.0/3

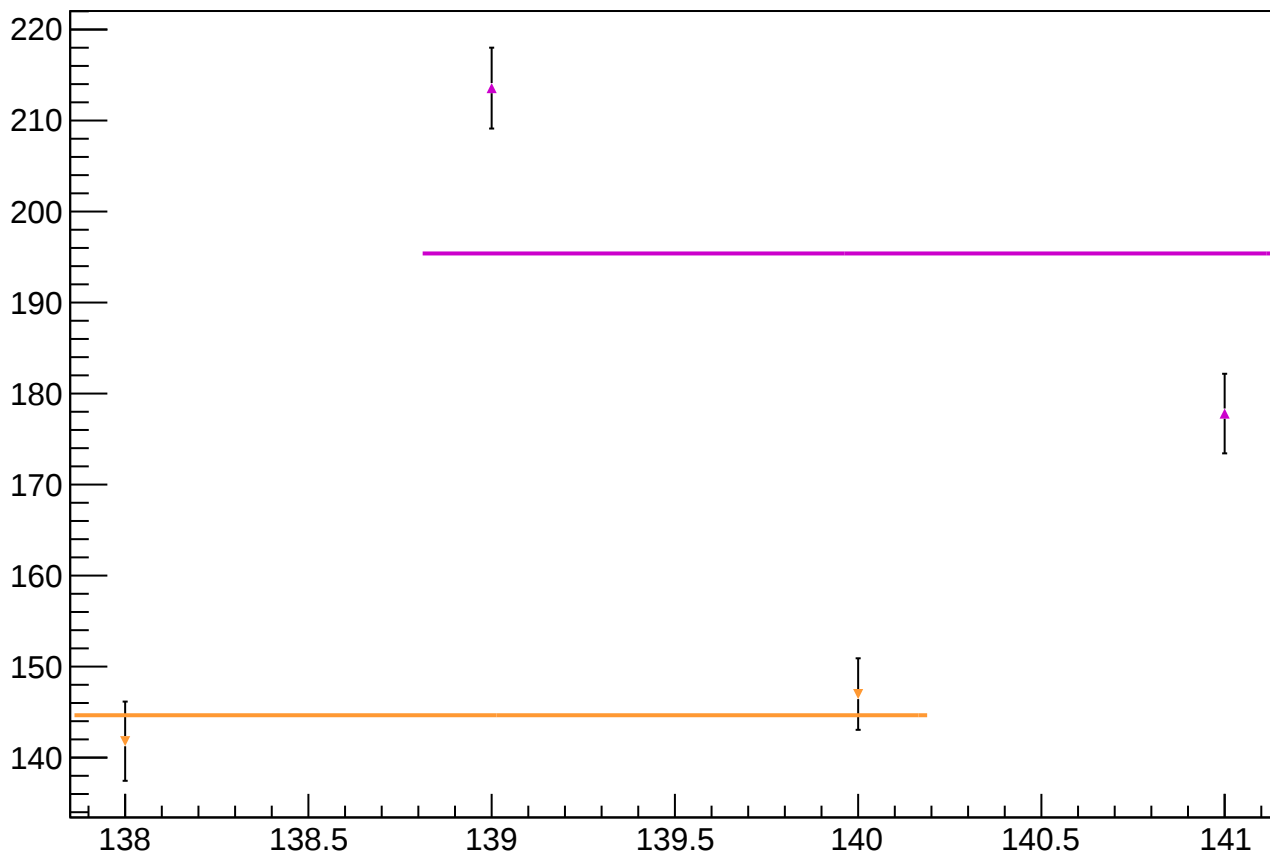
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -135.052+/-0.077 χ^2/NDF : 199176.5/18

Out: -125.760+/-0.073 χ^2/NDF : 227426.3/20

All: -130.180+/-0.053 χ^2/NDF : 434233.6/39

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: 144.655+/-2.917 χ^2/NDF :0.8/1

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: 168.348+/-2.130 χ^2/NDF : 175.0/3

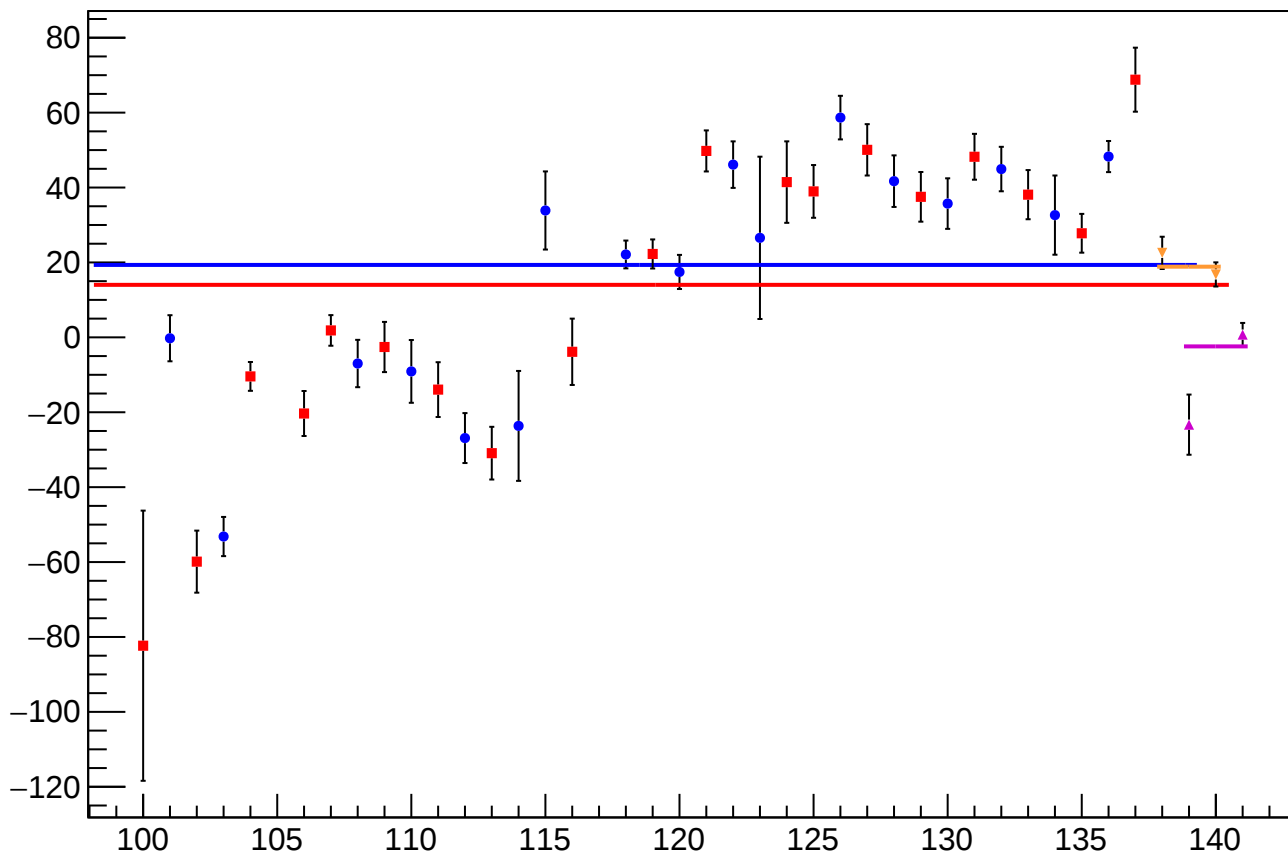
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.394+/-3.116 χ^2/NDF :32.9/1

Out: 144.655+/-2.917 χ^2/NDF :0.8/1

All: 168.348+/-2.130 χ^2/NDF : 175.0/3

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 18.867 ± 2.580 χ^2/NDF : 1.1/1

Right Out: 14.018 ± 1.390 χ^2/NDF : 433.2/18

Left In: -2.416 ± 2.906 χ^2/NDF : 7.8/1

Left: 9.486 ± 1.930 χ^2/NDF : 38.9/3

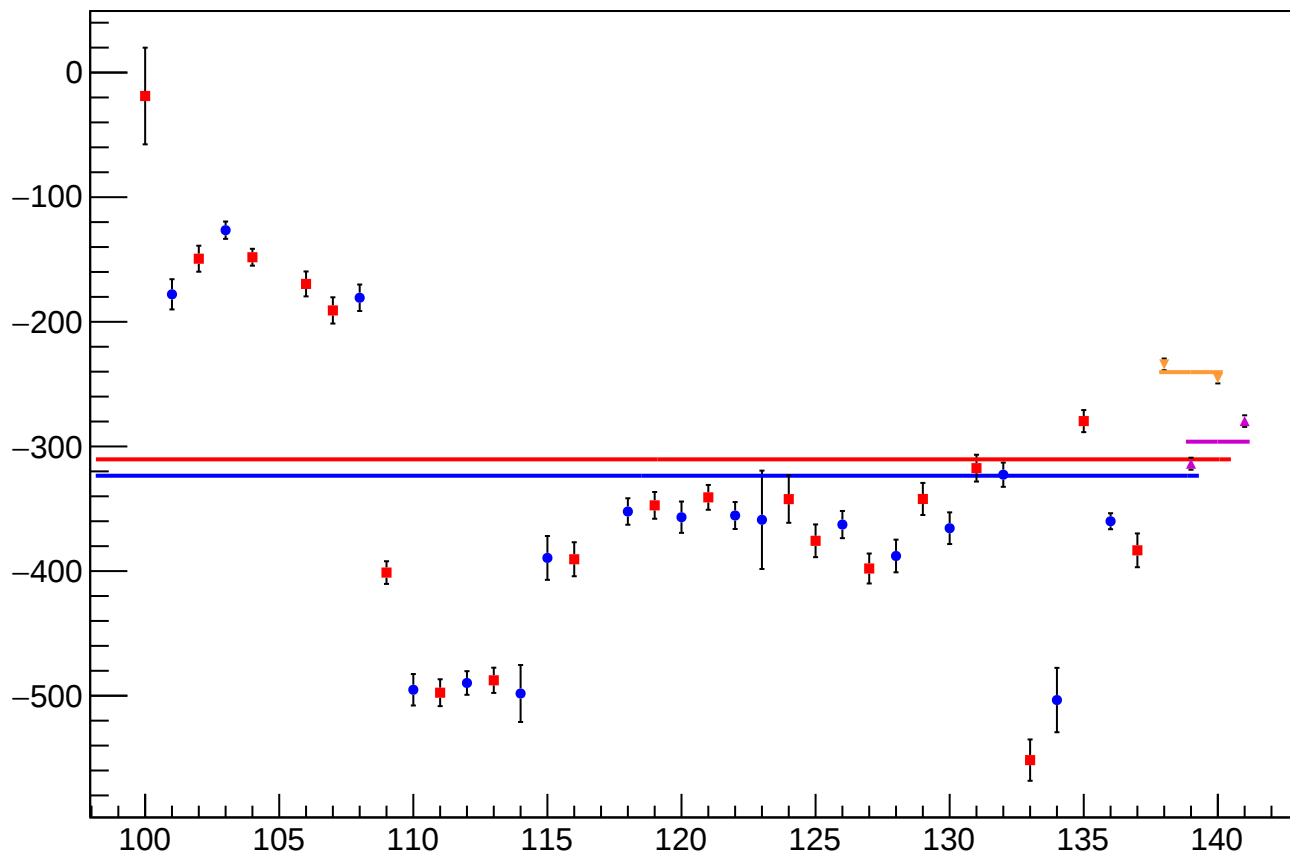
Right: 16.507 ± 1.014 χ^2/NDF : 879.9/35

In: 14.847 ± 1.320 χ^2/NDF : 492.1/18

Out: 15.109 ± 1.224 χ^2/NDF : 437.1/20

All: 14.988 ± 0.898 χ^2/NDF : 929.2/39

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: -240.365+/-3.131 χ^2/NDF : 3.1/1

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: -266.446+/-2.285 χ^2/NDF : 177.7/3

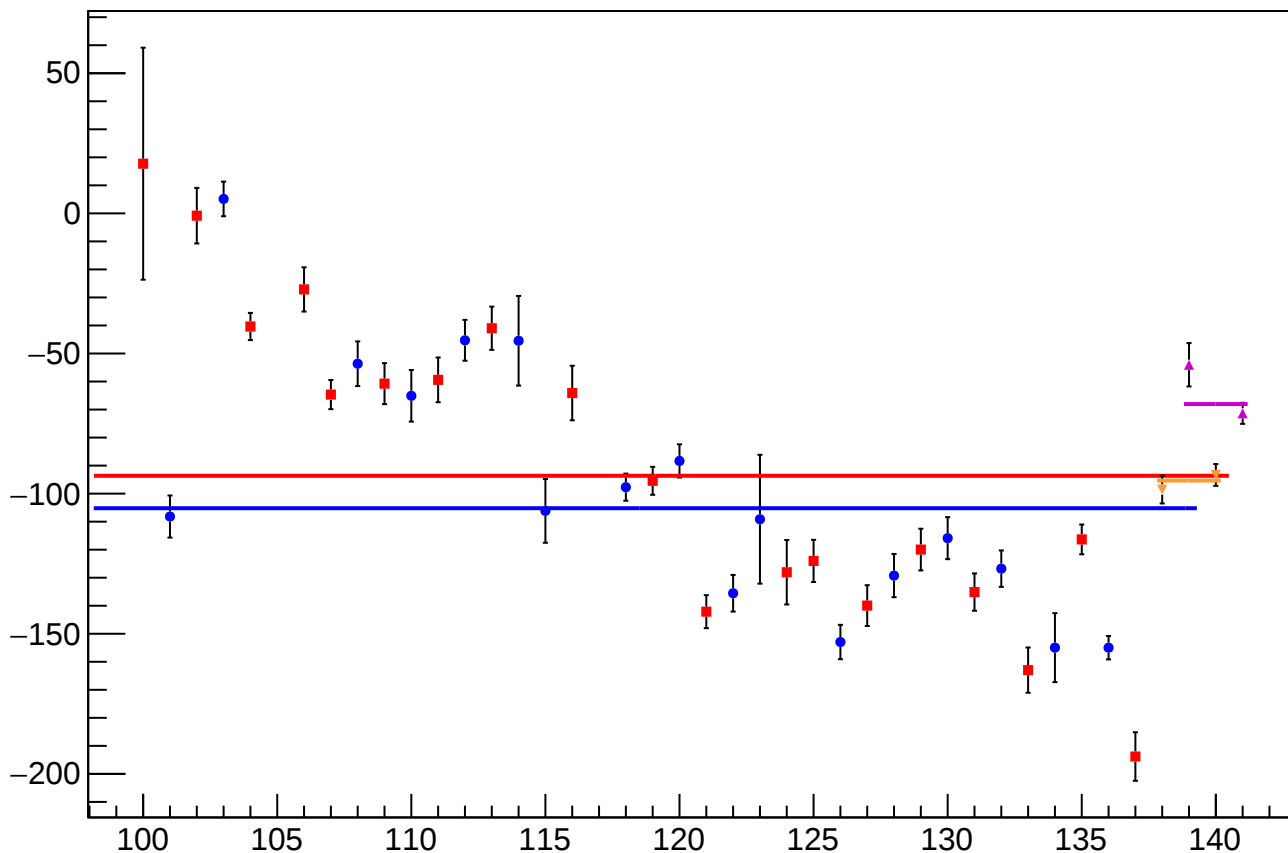
Right: -316.531+/-1.834 χ^2/NDF : 4160.9/35

In: -312.834+/-2.087 χ^2/NDF : 1914.4/18

Out: -282.802+/-1.964 χ^2/NDF : 2606.6/20

All: -296.903+/-1.430 χ^2/NDF : 4630.8/39

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: -95.333 ± 3.059 χ^2/NDF : 0.7/1

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: -83.027 ± 2.267 χ^2/NDF : 40.6/3

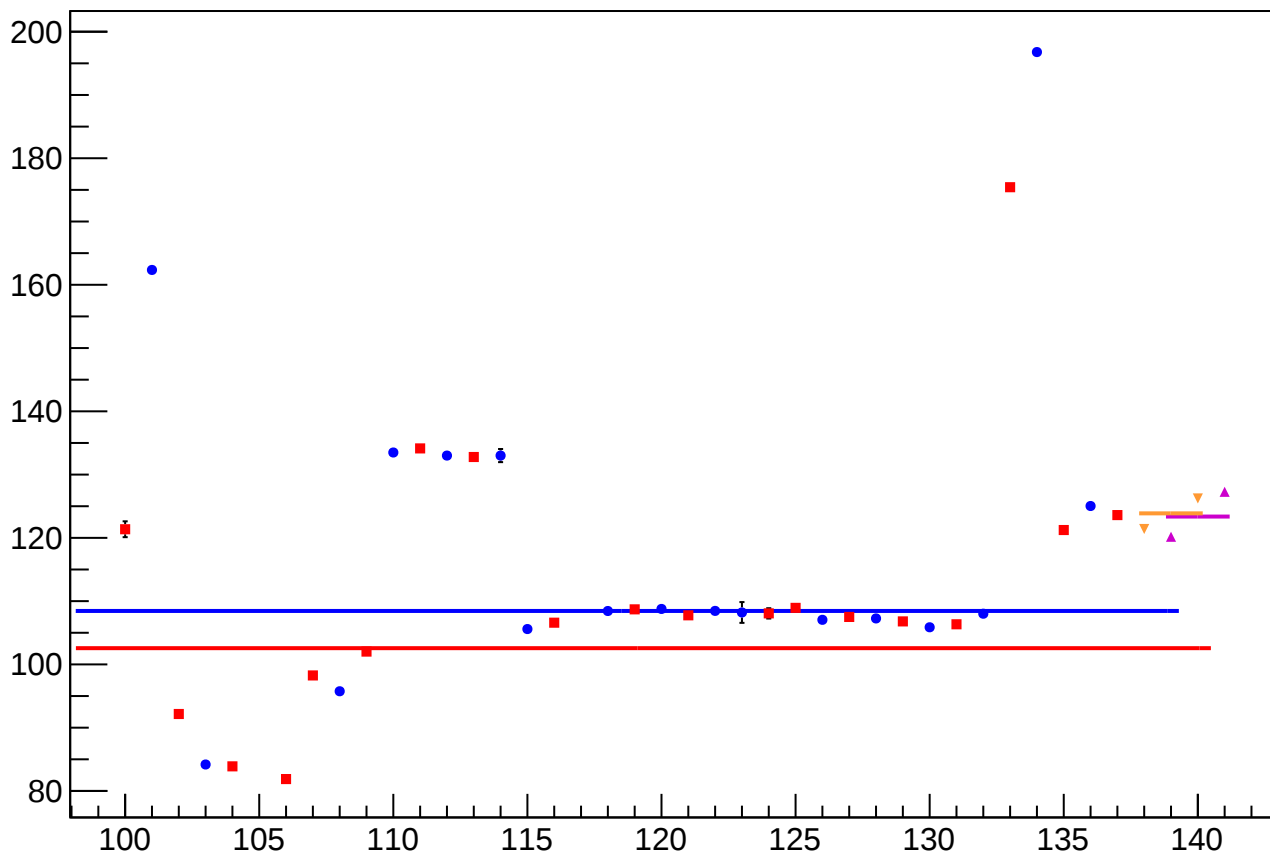
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -97.710 ± 1.516 χ^2/NDF : 836.4/18

Out: -93.995 ± 1.425 χ^2/NDF : 823.6/20

All: -95.737 ± 1.038 χ^2/NDF : 1663.2/39

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 123.873 $\pm$ 0.131 χ^2 /NDF: 339.9/1

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: 123.611 $\pm$ 0.091 χ^2 /NDF: 1132.4/3

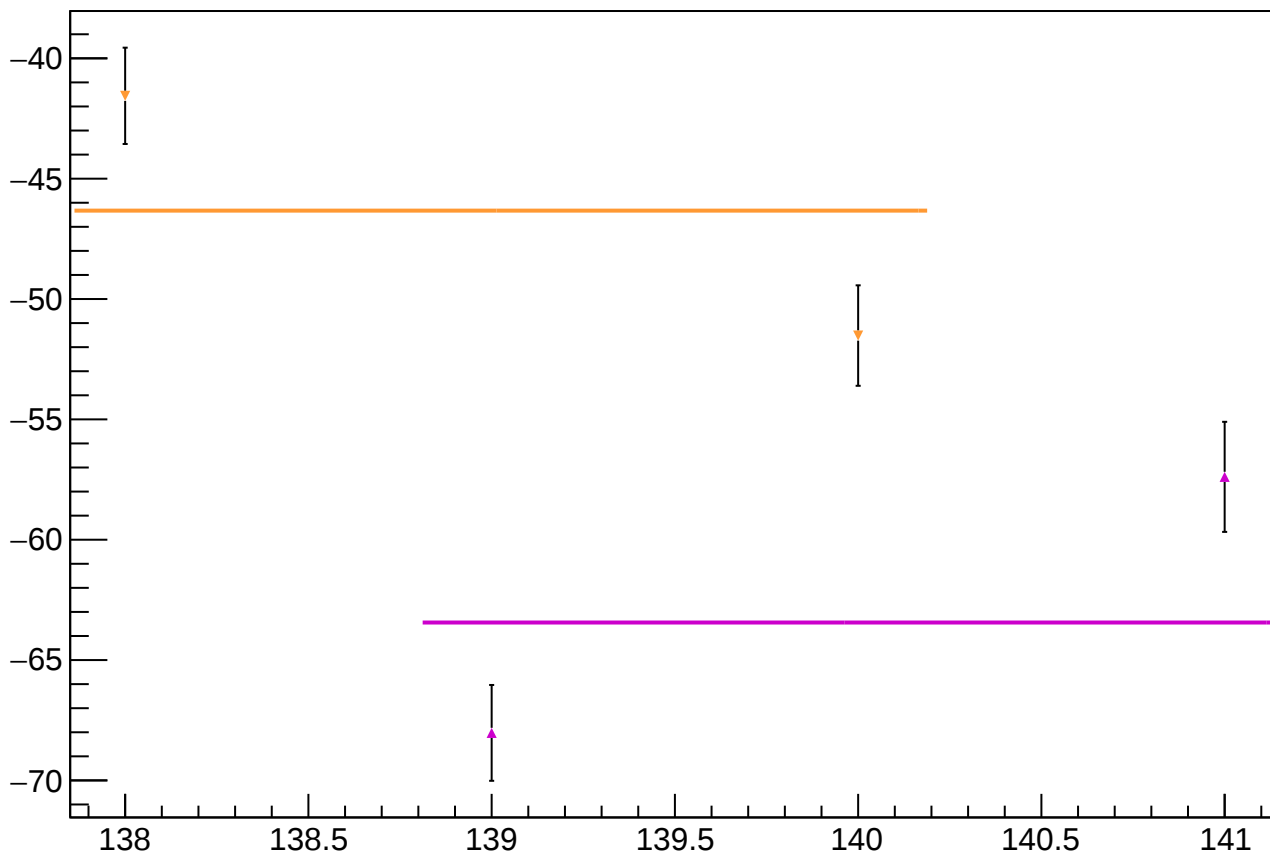
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 113.090 $\pm$ 0.070 χ^2 /NDF: 83681.6/18

Out: 108.300 $\pm$ 0.068 χ^2 /NDF: 72834.1/20

All: 110.610 $\pm$ 0.049 χ^2 /NDF: 158914.2/39

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: -46.327+/-1.444 χ^2/NDF :11.9/1

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: -54.552+/-1.041 χ^2/NDF : 91.6/3

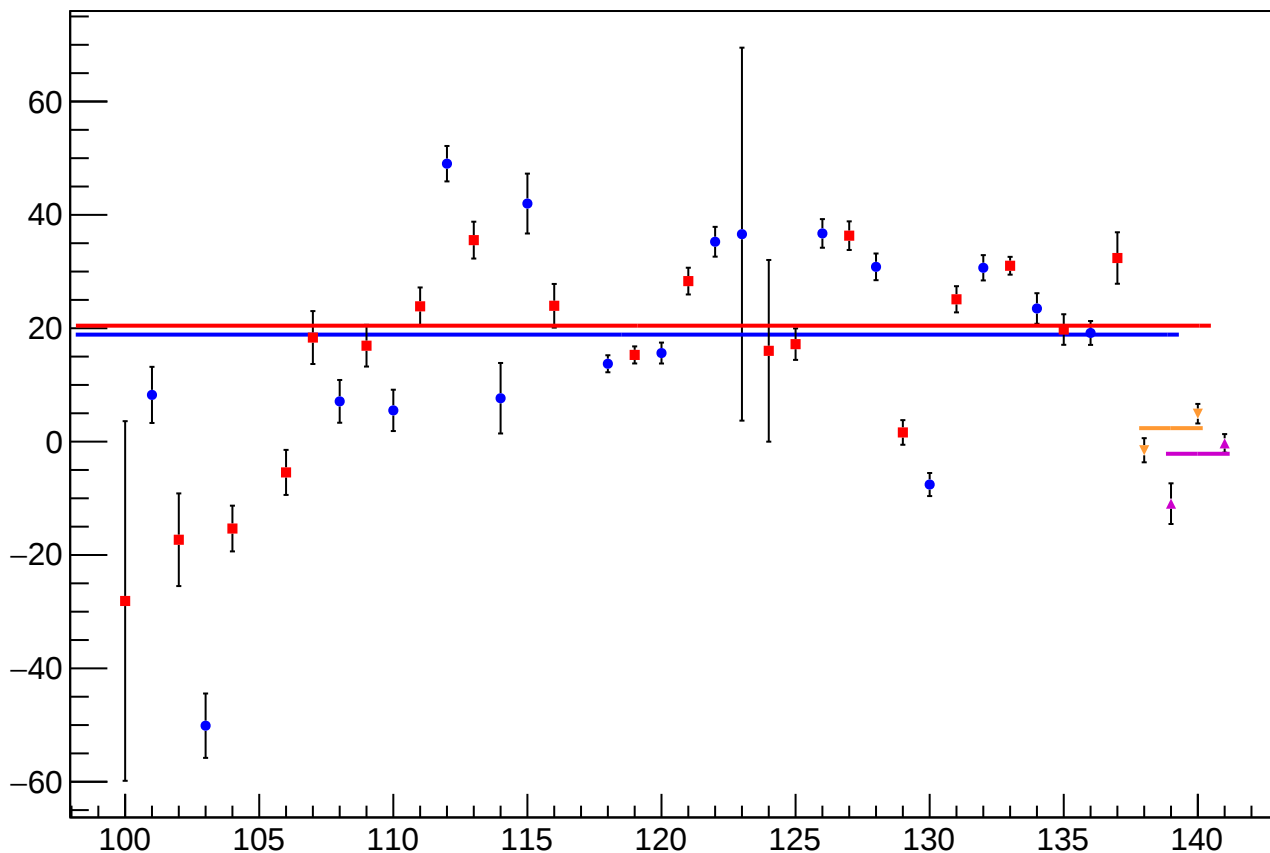
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.440+/-1.501 χ^2/NDF :12.3/1

Out: -46.327+/-1.444 χ^2/NDF :11.9/1

All: -54.552+/-1.041 χ^2/NDF : 91.6/3

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: 2.377 $\pm$ 1.340 χ^2 /NDF:5.5/1

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: 0.356 $\pm$ 0.996 χ^2 /NDF: 17.9/3

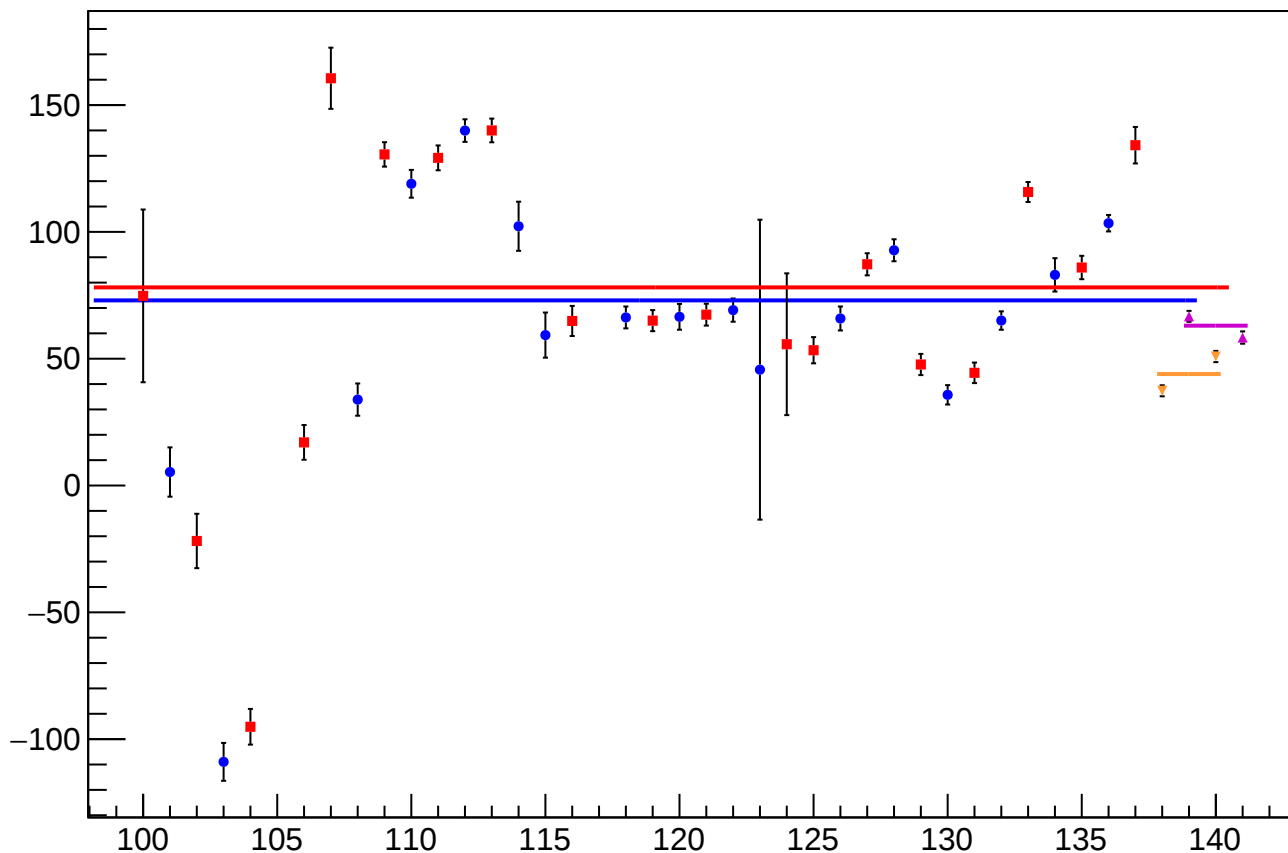
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 15.563 $\pm$ 0.591 χ^2 /NDF:795.4/18

Out: 17.066 $\pm$ 0.580 χ^2 /NDF:518.3/20

All: 16.329 $\pm$ 0.414 χ^2 /NDF: 1317.0/39

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: 43.946 $\pm$ 1.553 χ^2 /NDF: 18.9/1

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: 53.126 $\pm$ 1.119 χ^2 /NDF: 98.2/3

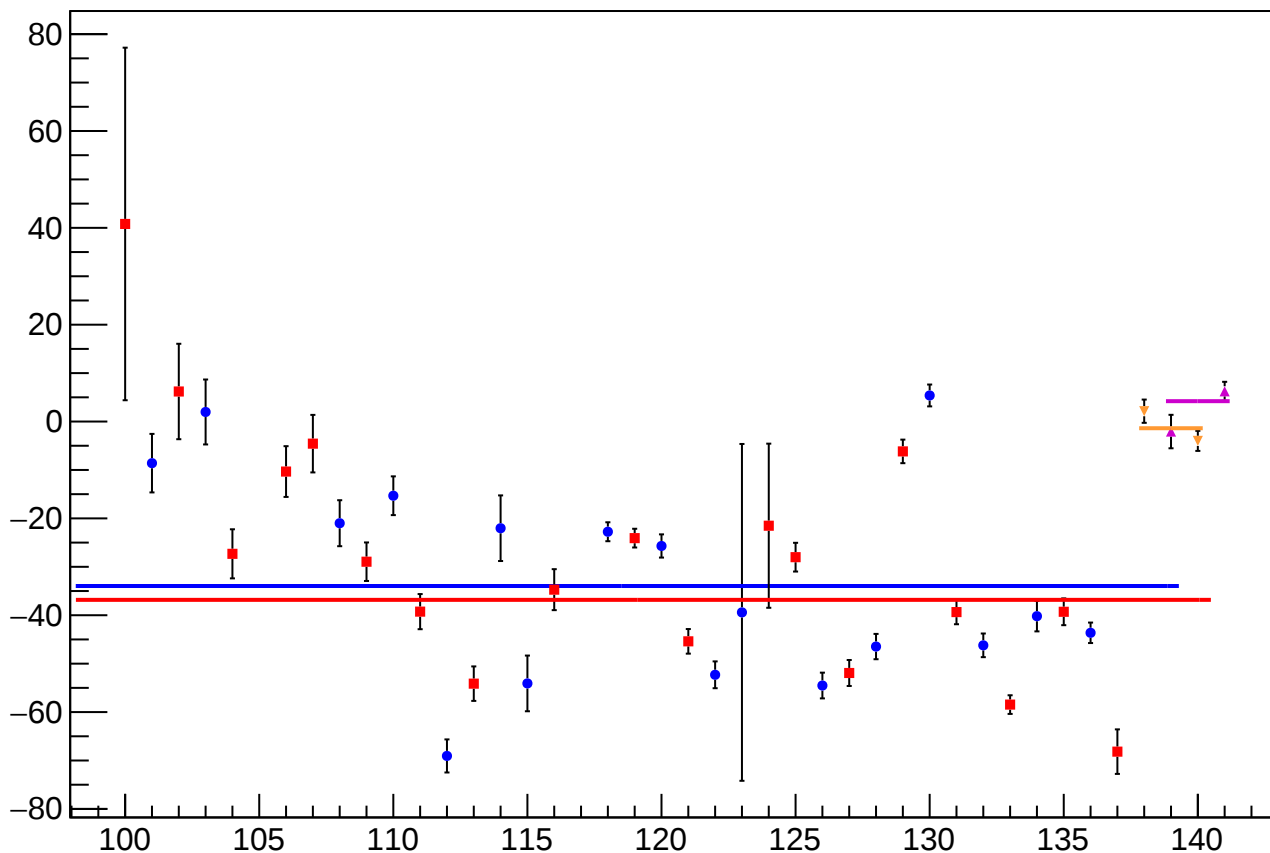
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 69.328 $\pm$ 0.978 χ^2 /NDF: 1236.2/18

Out: 65.034 $\pm$ 0.961 χ^2 /NDF: 1864.5/20

All: 67.143 $\pm$ 0.685 χ^2 /NDF: 3110.5/39

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 $\pm$ 0.738 χ^2 /NDF: 721.9/16

Left Out: -1.382 $\pm$ 1.568 χ^2 /NDF: 3.7/1

Right Out: -36.824 $\pm$ 0.737 χ^2 /NDF: 539.9/18

Left In: 4.206 $\pm$ 1.708 χ^2 /NDF: 4.4/1

Left: 1.172 $\pm$ 1.155 χ^2 /NDF: 13.9/3

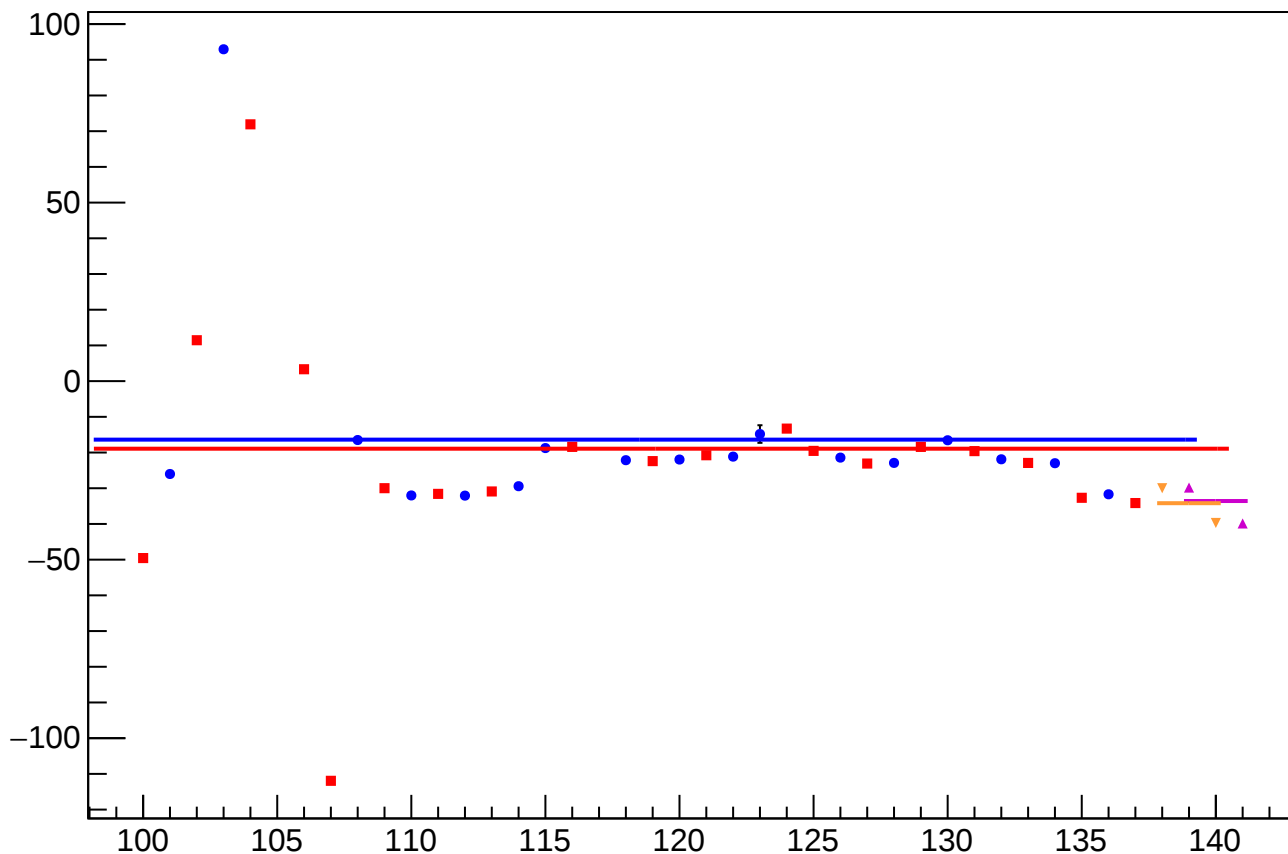
Right: -35.396 $\pm$ 0.521 χ^2 /NDF: 1269.3/35

In: -27.968 $\pm$ 0.677 χ^2 /NDF: 1147.1/18

Out: -30.411 $\pm$ 0.667 χ^2 /NDF: 962.3/20

All: -29.208 $\pm$ 0.475 χ^2 /NDF: 2116.0/39

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -34.188 ± 0.064 $\chi^2/\text{NDF}: 5722.6/1$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -33.579 ± 0.060 $\chi^2/\text{NDF}: 6579.0/1$

Left: -33.865 ± 0.044 $\chi^2/\text{NDF}: 12350.1/3$

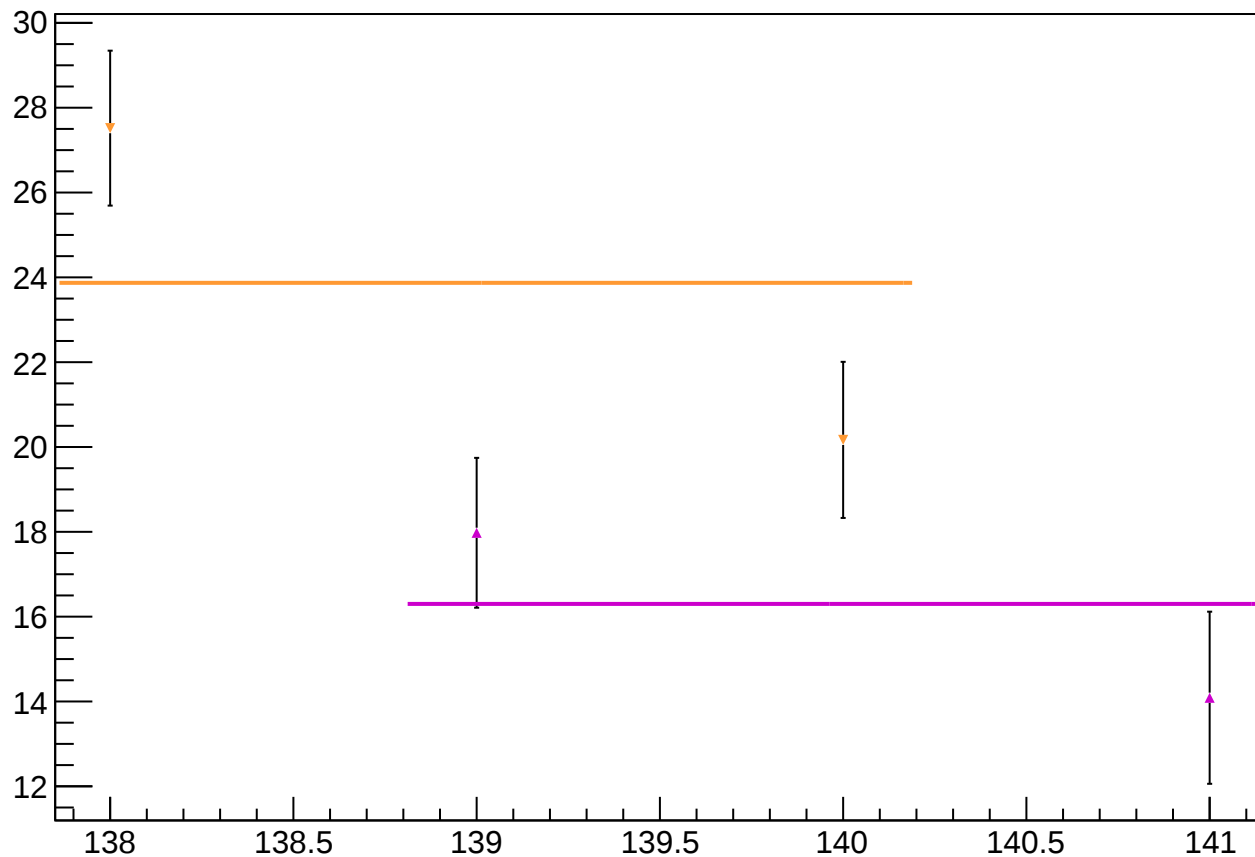
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -22.481 ± 0.036 $\chi^2/\text{NDF}: 533872.9/18$

Out: -24.045 ± 0.037 $\chi^2/\text{NDF}: 478033.5/20$

All: -23.238 ± 0.026 $\chi^2/\text{NDF}: 1012834.4/39$

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: 23.871+/-1.296 χ^2/NDF : 8.0/1

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: 20.189+/-0.929 χ^2/NDF : 26.7/3

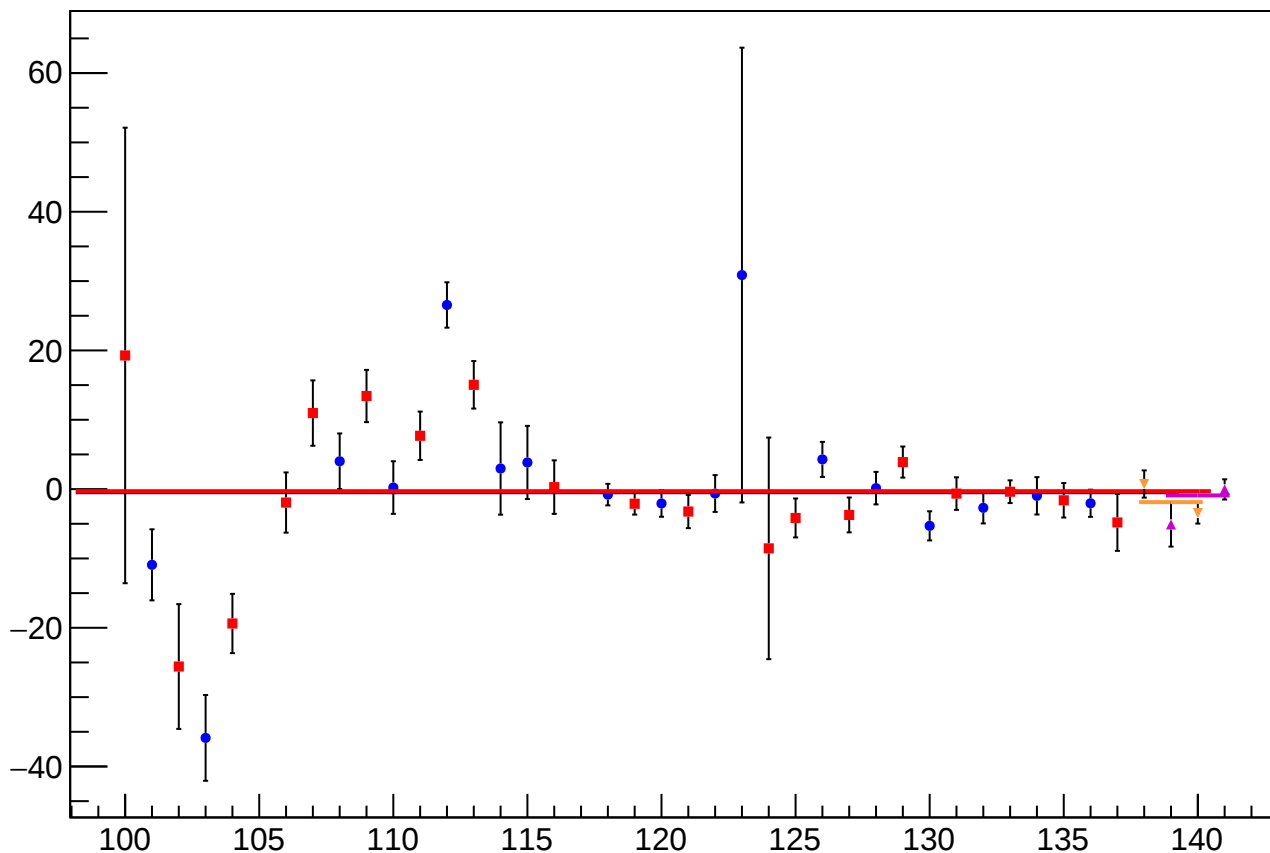
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.300+/-1.332 χ^2/NDF : 2.1/1

Out: 23.871+/-1.296 χ^2/NDF : 8.0/1

All: 20.189+/-0.929 χ^2/NDF : 26.7/3

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.875 ± 1.204 χ^2/NDF : 2.8/1

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: -1.439 ± 0.891 χ^2/NDF : 5.2/3

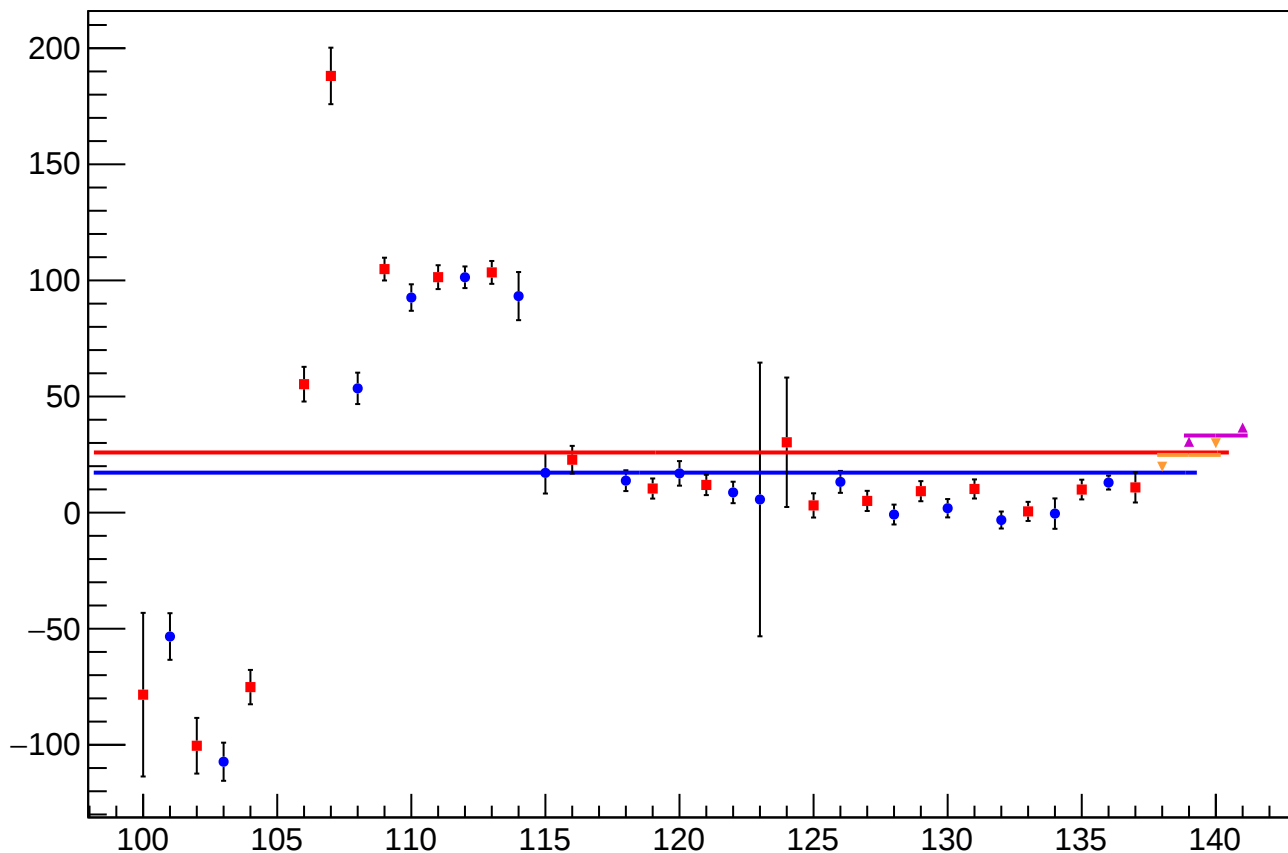
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.542 ± 0.587 χ^2/NDF : 121.7/18

Out: -0.660 ± 0.577 χ^2/NDF : 88.6/20

All: -0.602 ± 0.411 χ^2/NDF : 210.3/39

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: 24.860 ± 1.394 χ^2/NDF : 13.1/1

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: 28.921 ± 0.998 χ^2/NDF : 35.1/3

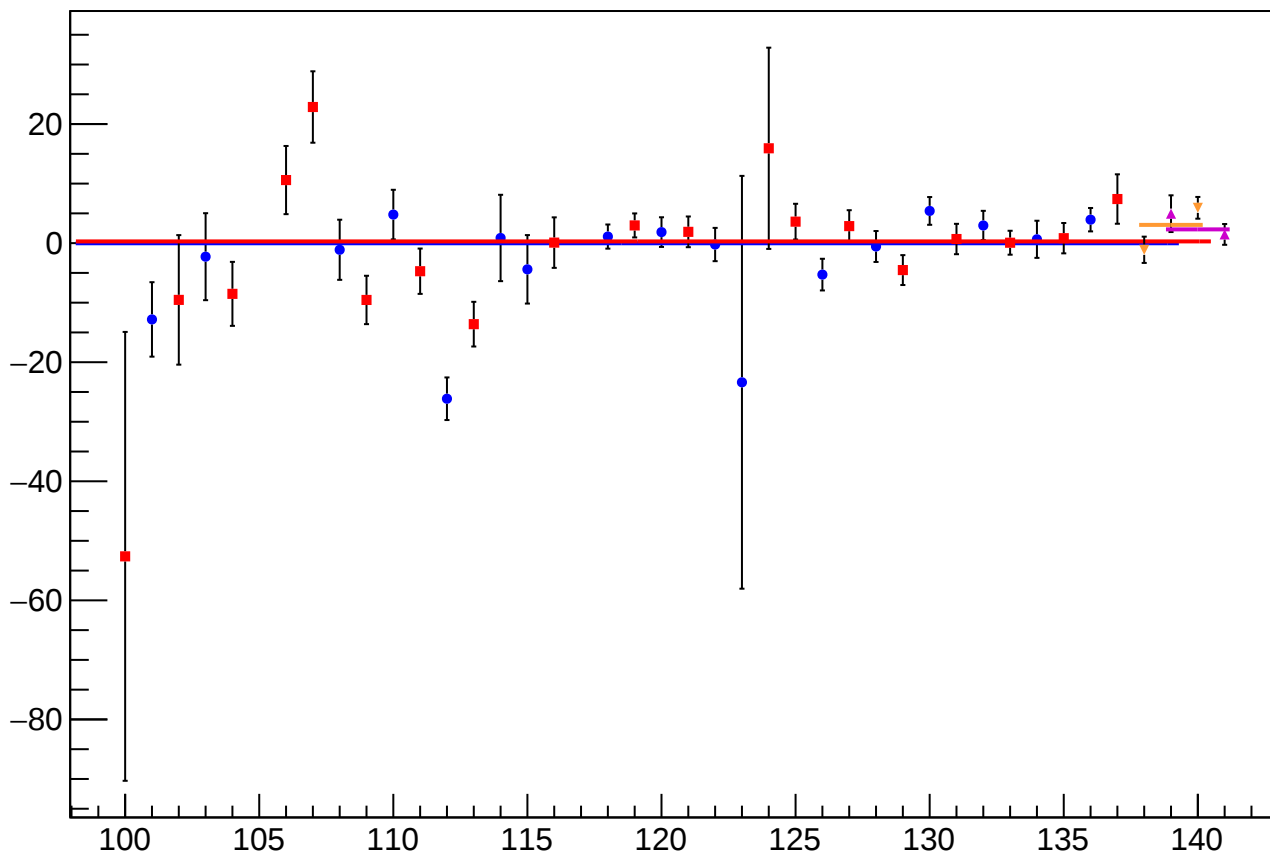
Right: 21.552 ± 0.878 χ^2/NDF : 2339.3/35

In: 24.079 ± 0.937 χ^2/NDF : 1015.8/18

Out: 25.441 ± 0.928 χ^2/NDF : 1388.2/20

All: 24.767 ± 0.659 χ^2/NDF : 2405.1/39

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 3.064 ± 1.407 χ^2/NDF : 6.1/1

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.310 ± 1.519 χ^2/NDF : 1.0/1

Left: 2.716 ± 1.032 χ^2/NDF : 7.2/3

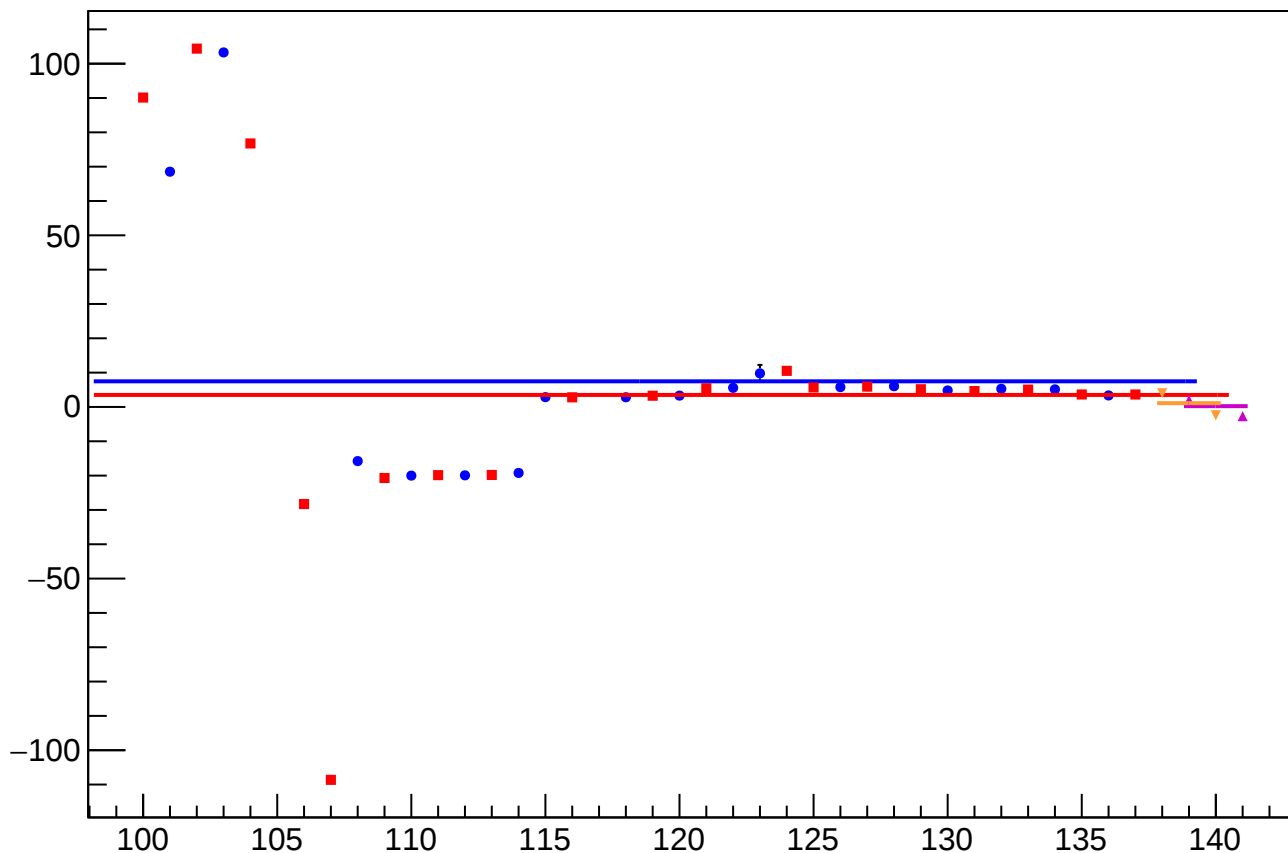
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.430 ± 0.669 χ^2/NDF : 78.7/18

Out: 0.903 ± 0.661 χ^2/NDF : 65.1/20

All: 0.669 ± 0.470 χ^2/NDF : 144.1/39

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: 1.104+/-0.057 χ^2/NDF : 3135.5/1

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: 0.236+/-0.053 χ^2/NDF : 1827.0/1

Left: 0.641+/-0.039 χ^2/NDF : 5085.8/3

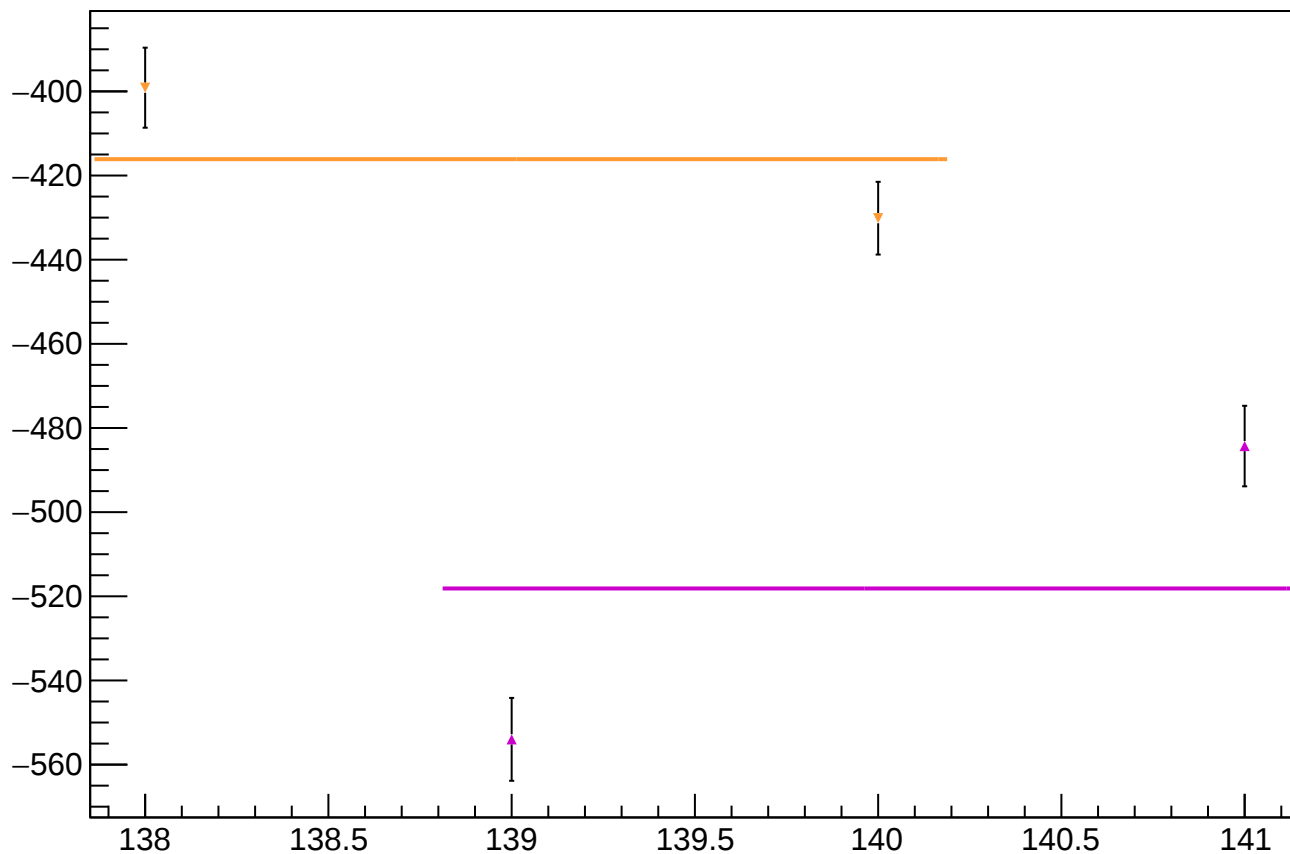
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 4.503+/-0.034 χ^2/NDF : 368554.2/18

Out: 2.567+/-0.036 χ^2/NDF : 514789.3/20

All: 3.575+/-0.025 χ^2/NDF : 884883.0/39

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: -416.111+/-6.397 χ^2/NDF :5.8/1

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: -463.542+/-4.679 χ^2/NDF : 149.9/3

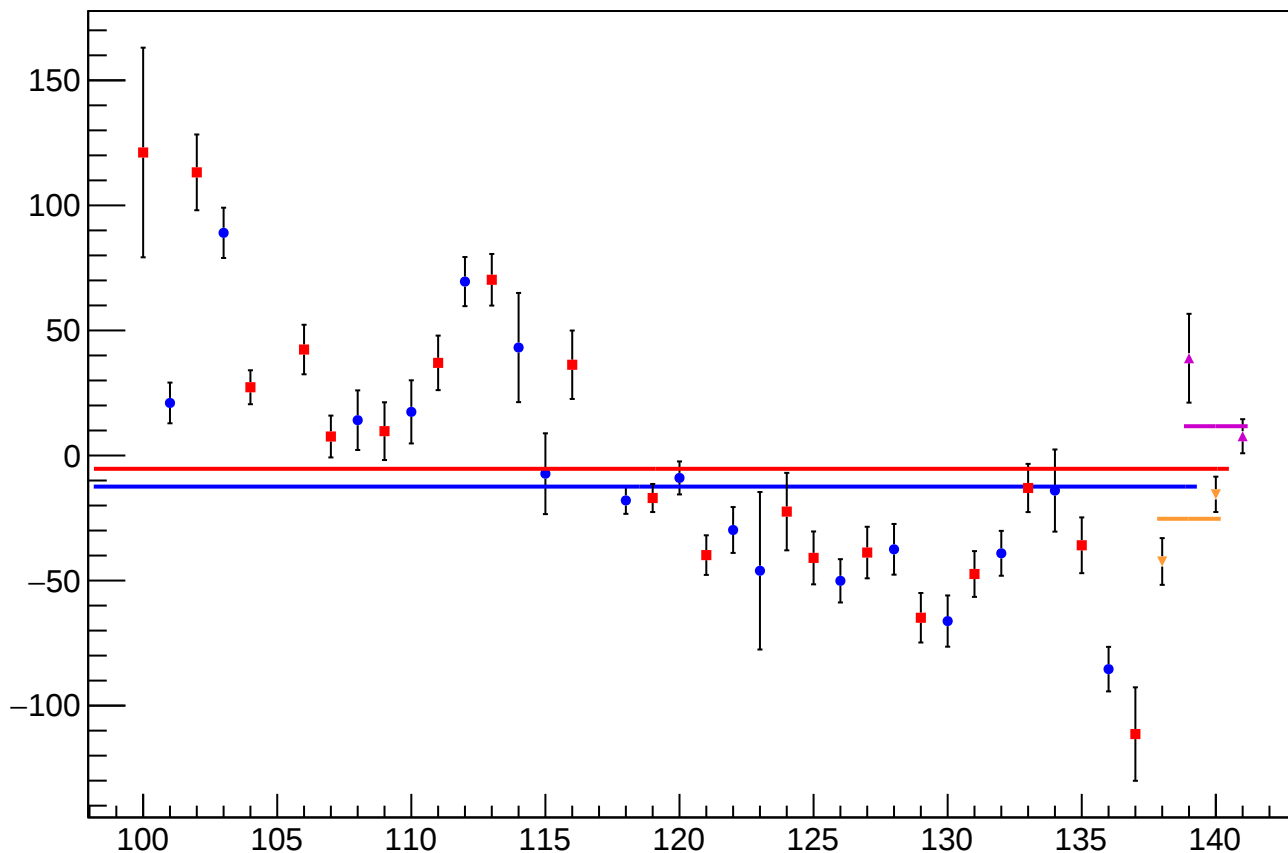
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -518.141+/-6.863 χ^2/NDF :25.8/1

Out: -416.111+/-6.397 χ^2/NDF :5.8/1

All: -463.542+/-4.679 χ^2/NDF : 149.9/3

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: -25.300 ± 5.635 χ^2/NDF : 5.3/1

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: -9.023 ± 4.218 χ^2/NDF : 26.9/3

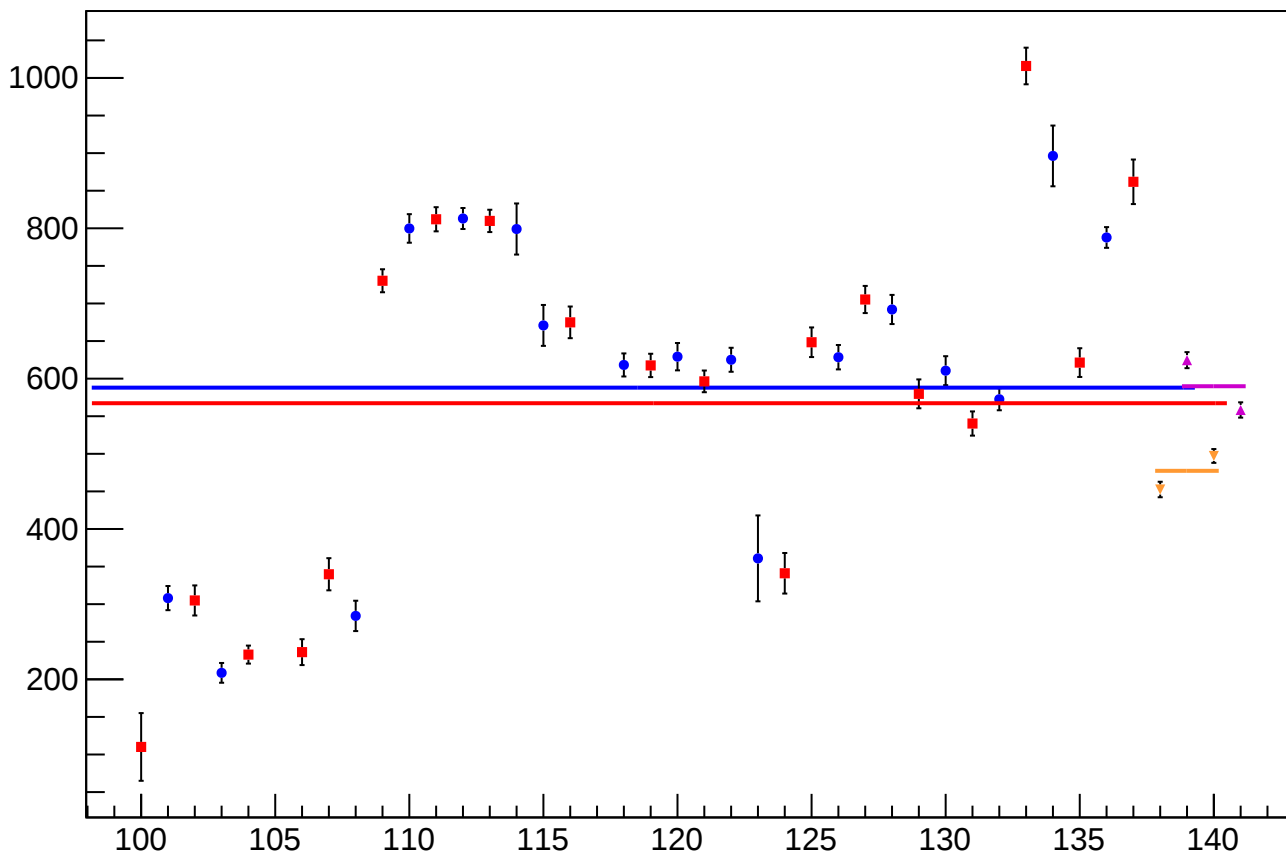
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: -9.607 ± 2.175 χ^2/NDF : 355.6/18

Out: -8.085 ± 2.097 χ^2/NDF : 358.9/20

All: -8.818 ± 1.510 χ^2/NDF : 714.8/39

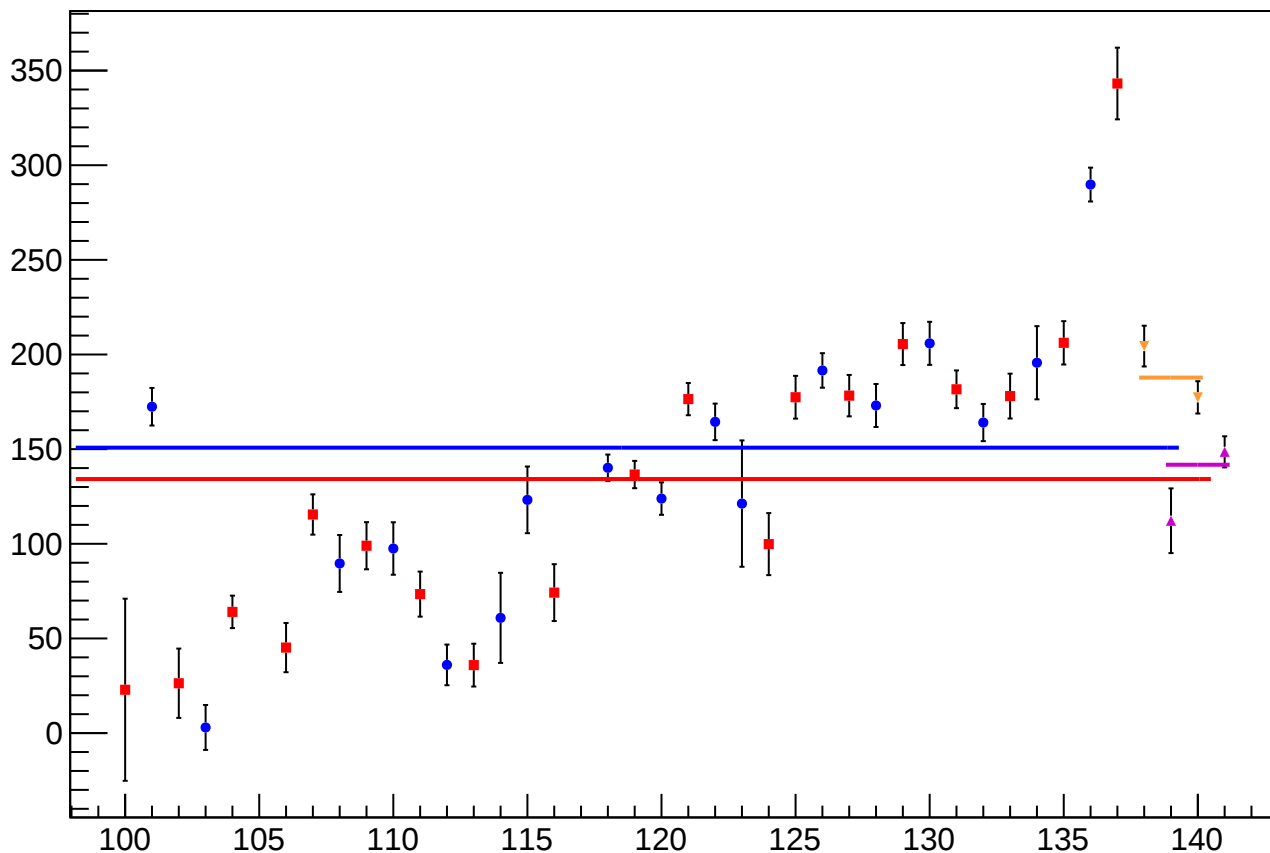
reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 529.724 ± 5.020 χ^2/NDF : 155.7/3
 Right: 577.194 ± 2.989 χ^2/NDF : 4924.0/35
 In: 588.515 ± 3.731 χ^2/NDF : 2148.0/18
 Out: 543.385 ± 3.541 χ^2/NDF : 2920.7/20
 All: 564.769 ± 2.569 χ^2/NDF : 5145.7/39

Right In: 588.034 ± 4.329 χ^2/NDF : 2127.7/16
 Left Out: 477.371 ± 6.865 χ^2/NDF : 10.4/1
 Right Out: 567.313 ± 4.133 χ^2/NDF : 2784.3/18
 Left In: 589.905 ± 7.360 χ^2/NDF : 20.2/1

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: 187.813 $\pm$ 6.689 χ^2 /NDF: 3.9/1

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: 167.105 $\pm$ 4.962 χ^2 /NDF: 28.9/3

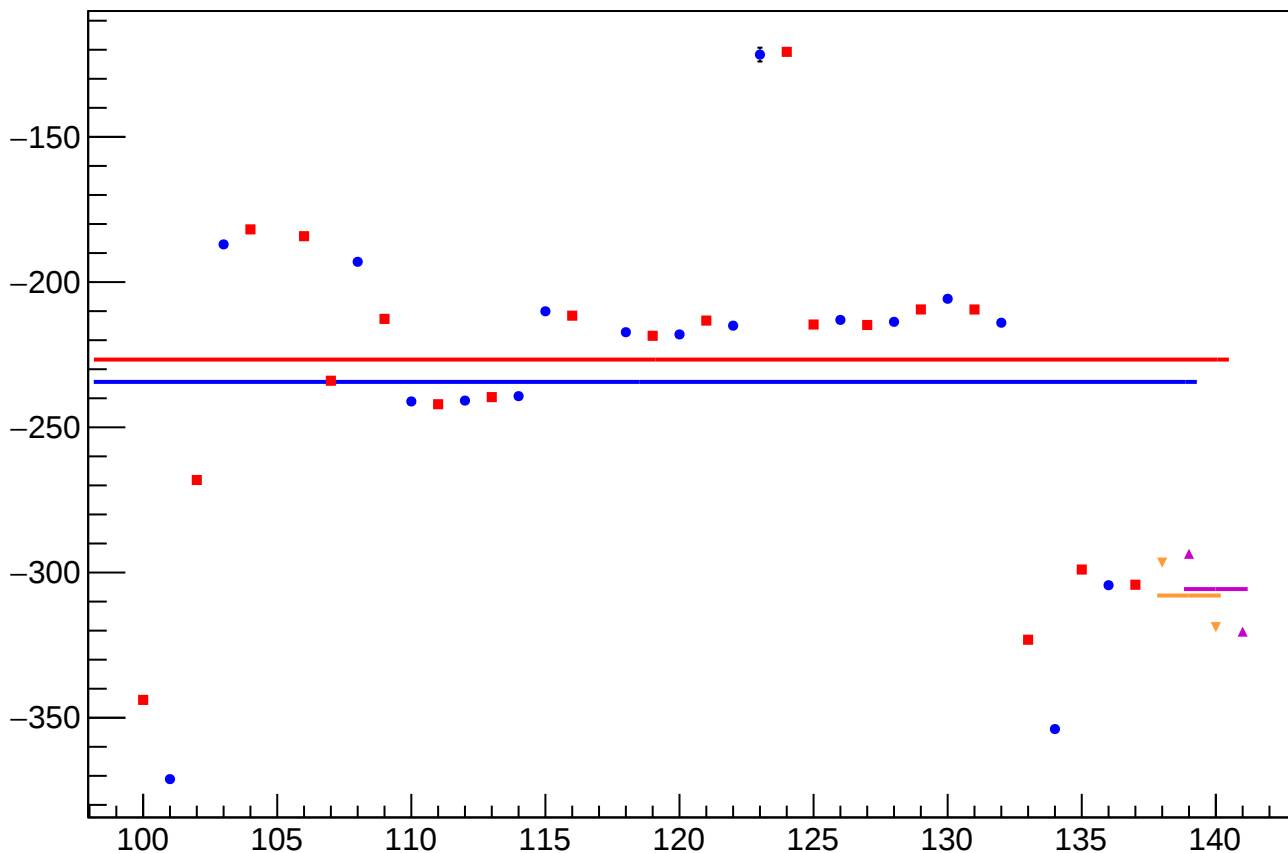
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 149.740 $\pm$ 2.519 χ^2 /NDF: 638.1/18

Out: 141.326 $\pm$ 2.436 χ^2 /NDF: 641.2/20

All: 145.391 $\pm$ 1.751 χ^2 /NDF: 1285.1/39

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: -307.912+/-0.287 χ^2/NDF : 1494.8/1

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: -306.762+/-0.200 χ^2/NDF : 3831.2/3

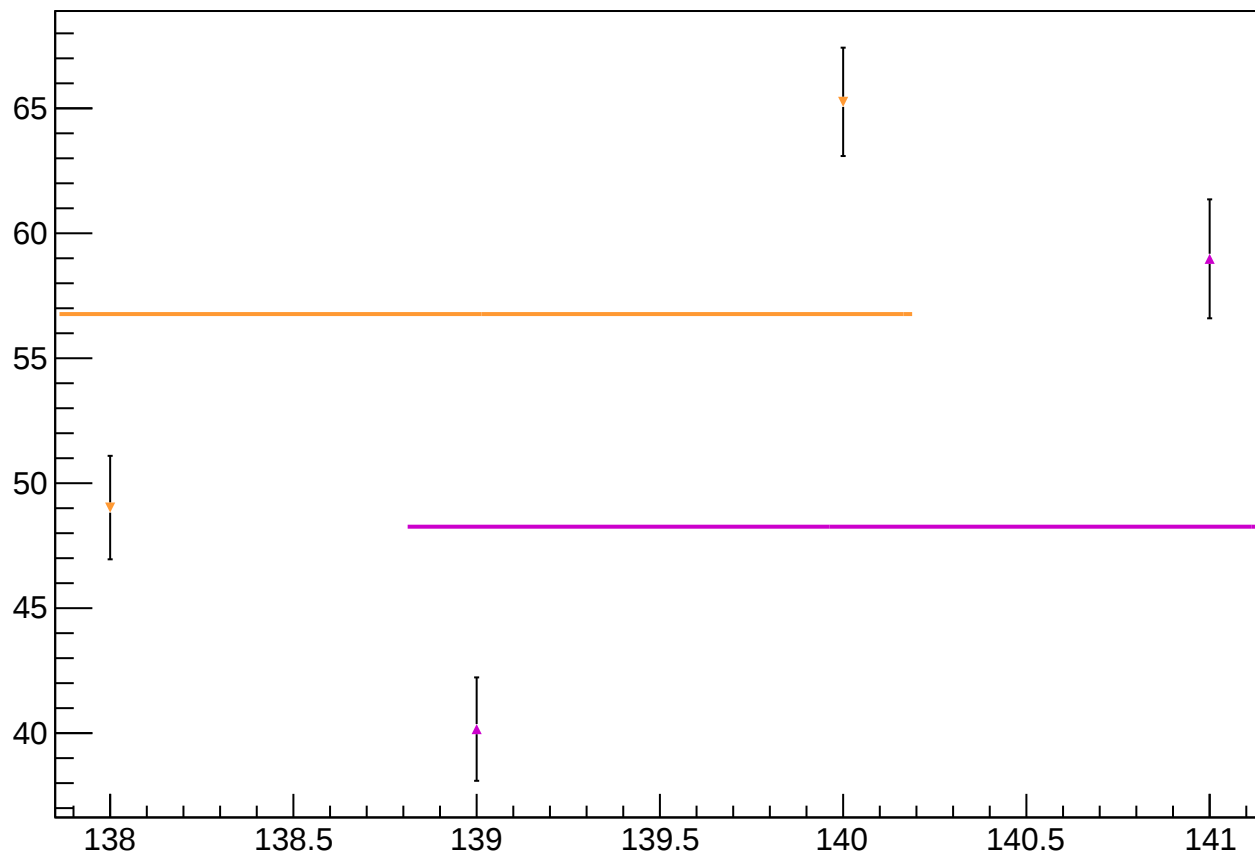
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -250.204+/-0.131 χ^2/NDF : 198727.2/18

Out: -242.477+/-0.127 χ^2/NDF : 165324.8/20

All: -246.216+/-0.091 χ^2/NDF : 365849.3/39

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: 56.768+/-1.497 χ^2/NDF :29.3/1

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: 52.692+/-1.081 χ^2/NDF : 80.4/3

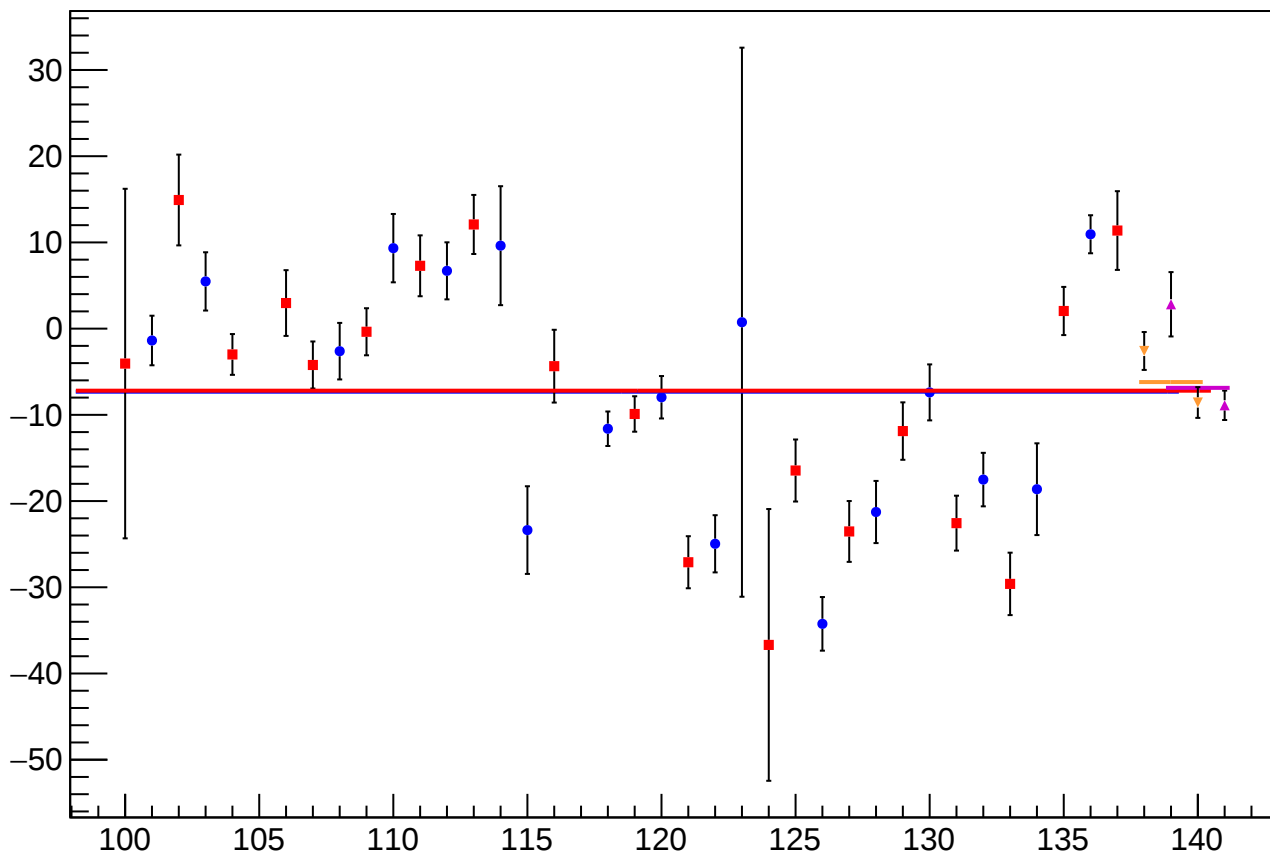
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 48.260+/-1.561 χ^2/NDF :35.6/1

Out: 56.768+/-1.497 χ^2/NDF :29.3/1

All: 52.692+/-1.081 χ^2/NDF : 80.4/3

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: -6.196 ± 1.385 χ^2/NDF : 4.5/1

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: -6.495 ± 1.033 χ^2/NDF : 12.7/3

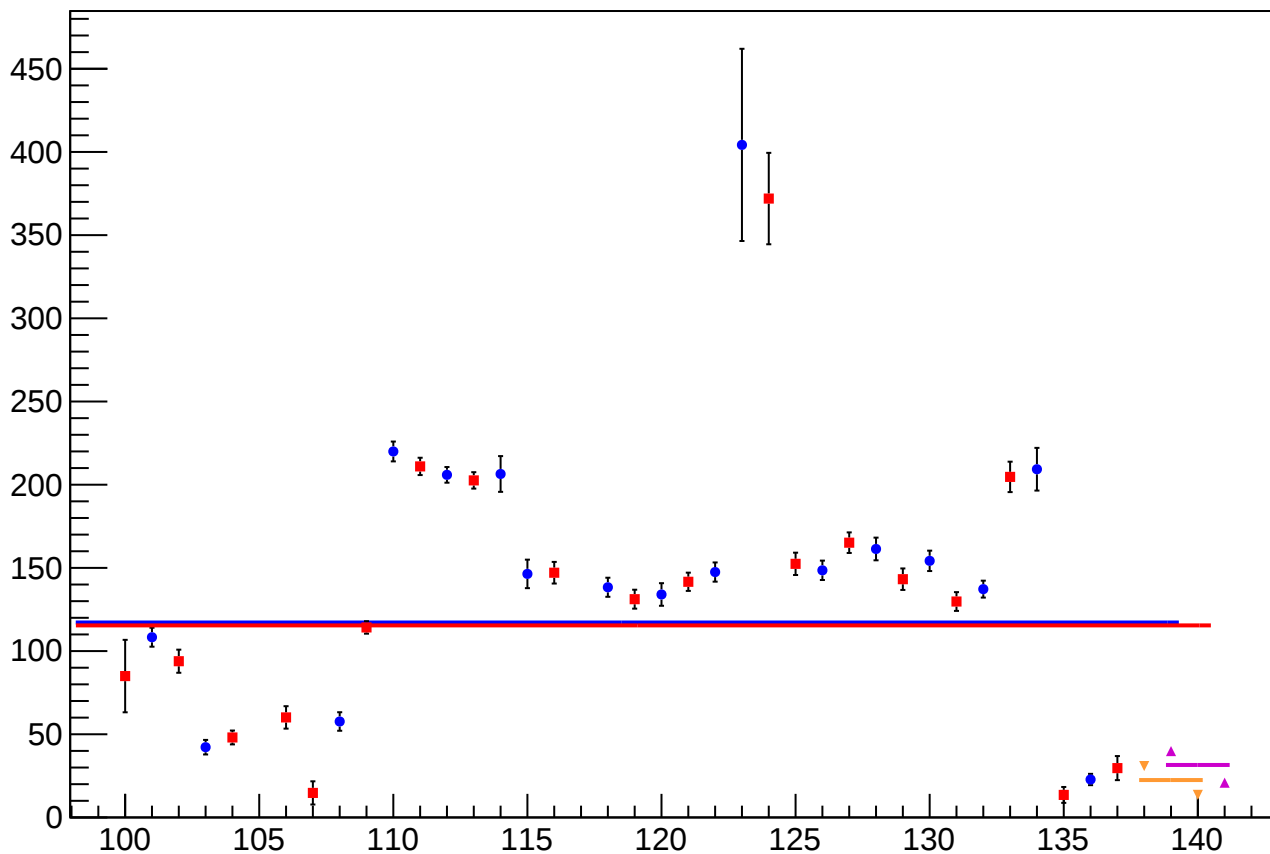
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -7.223 ± 0.697 χ^2/NDF : 287.3/18

Out: -6.965 ± 0.667 χ^2/NDF : 257.0/20

All: -7.089 ± 0.482 χ^2/NDF : 544.4/39

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: 22.482+/-1.610 χ^2/NDF :28.9/1

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: 26.829+/-1.161 χ^2/NDF : 75.7/3

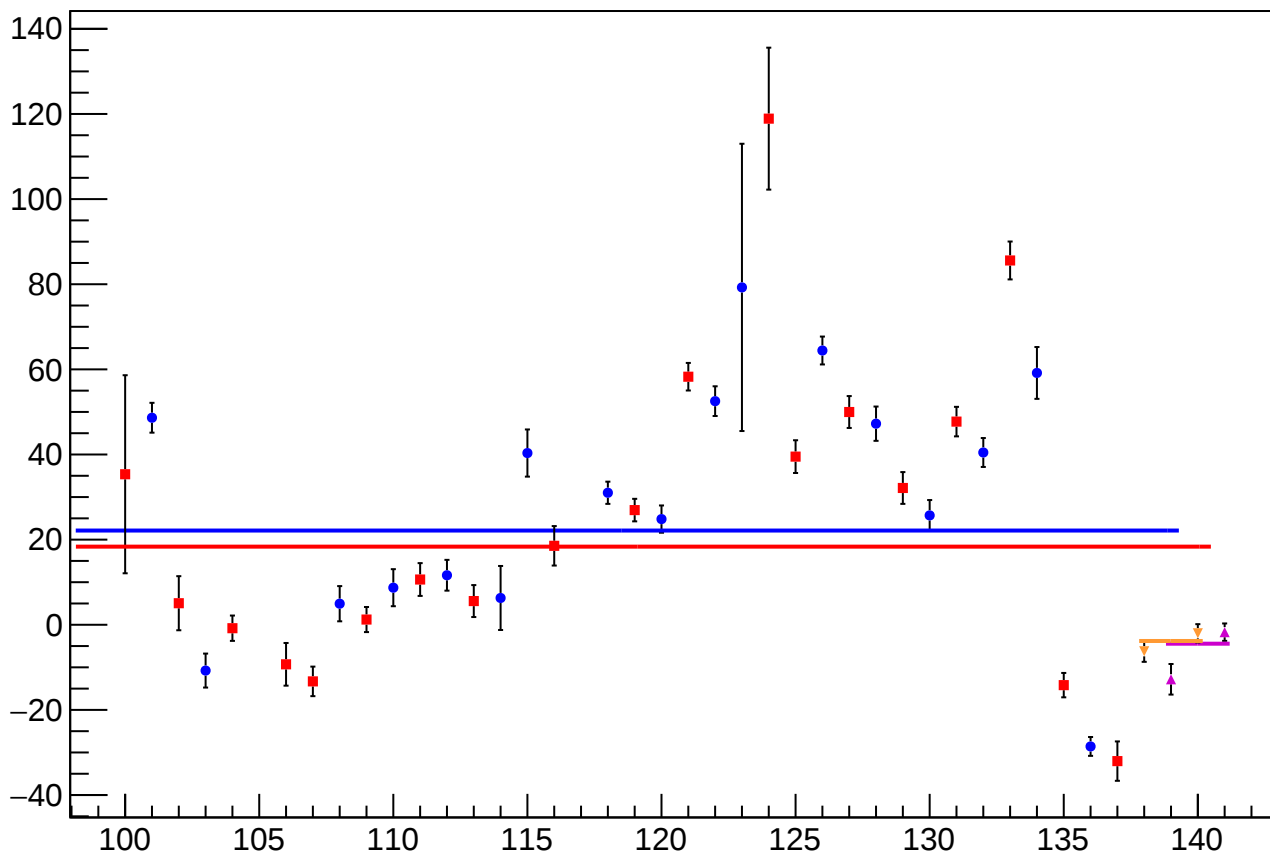
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 81.675+/-1.080 χ^2/NDF :3717.3/18

Out: 76.702+/-1.039 χ^2/NDF :4125.3/20

All: 79.093+/-0.749 χ^2/NDF : 7853.6/39

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: -3.810 $\pm$ 1.622 χ^2 /NDF:1.7/1

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: -4.099 $\pm$ 1.198 χ^2 /NDF: 8.9/3

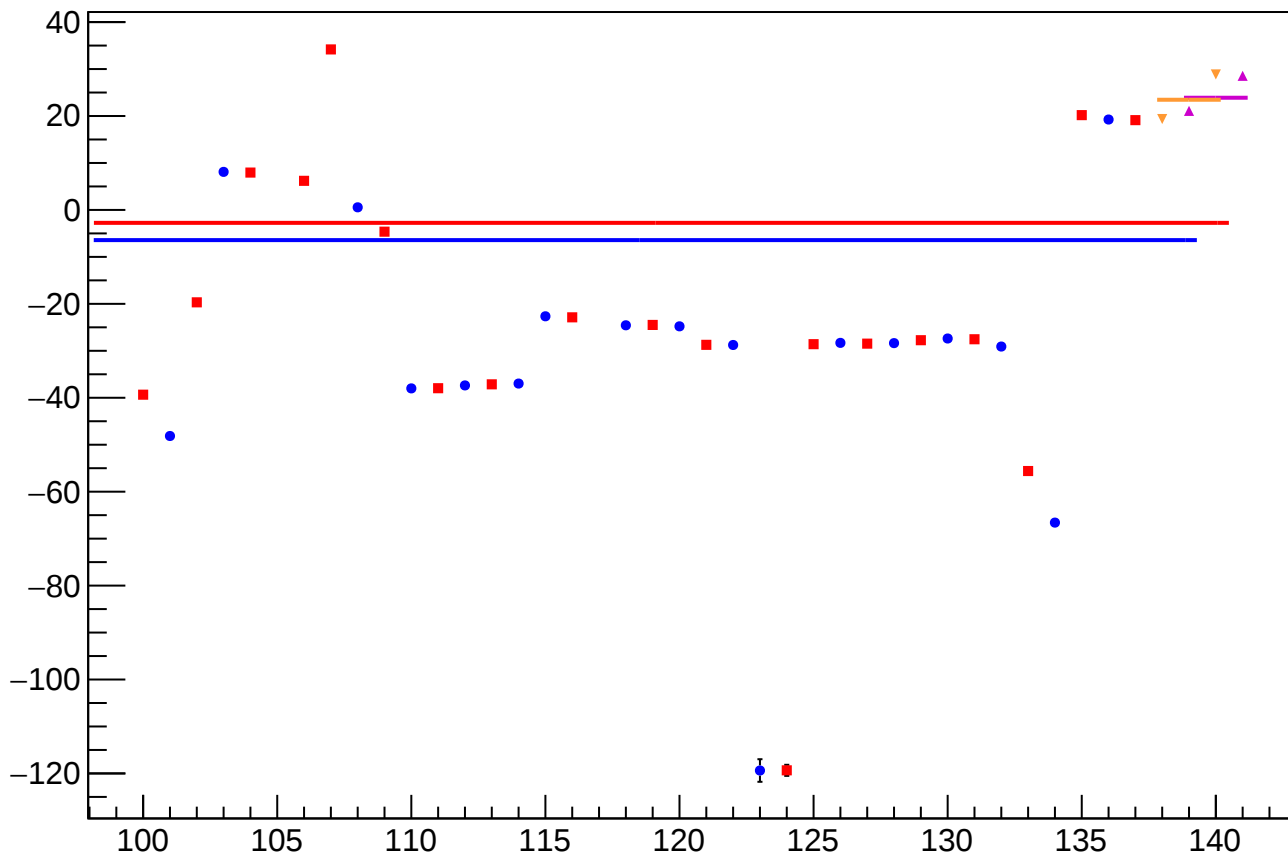
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 16.797 $\pm$ 0.797 χ^2 /NDF:1250.0/18

Out: 13.389 $\pm$ 0.768 χ^2 /NDF:1217.5/20

All: 15.030 $\pm$ 0.553 χ^2 /NDF: 2477.0/39

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: 23.463+/-0.066 χ^2/NDF : 5093.8/1

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: 23.689+/-0.045 χ^2/NDF : 8476.0/3

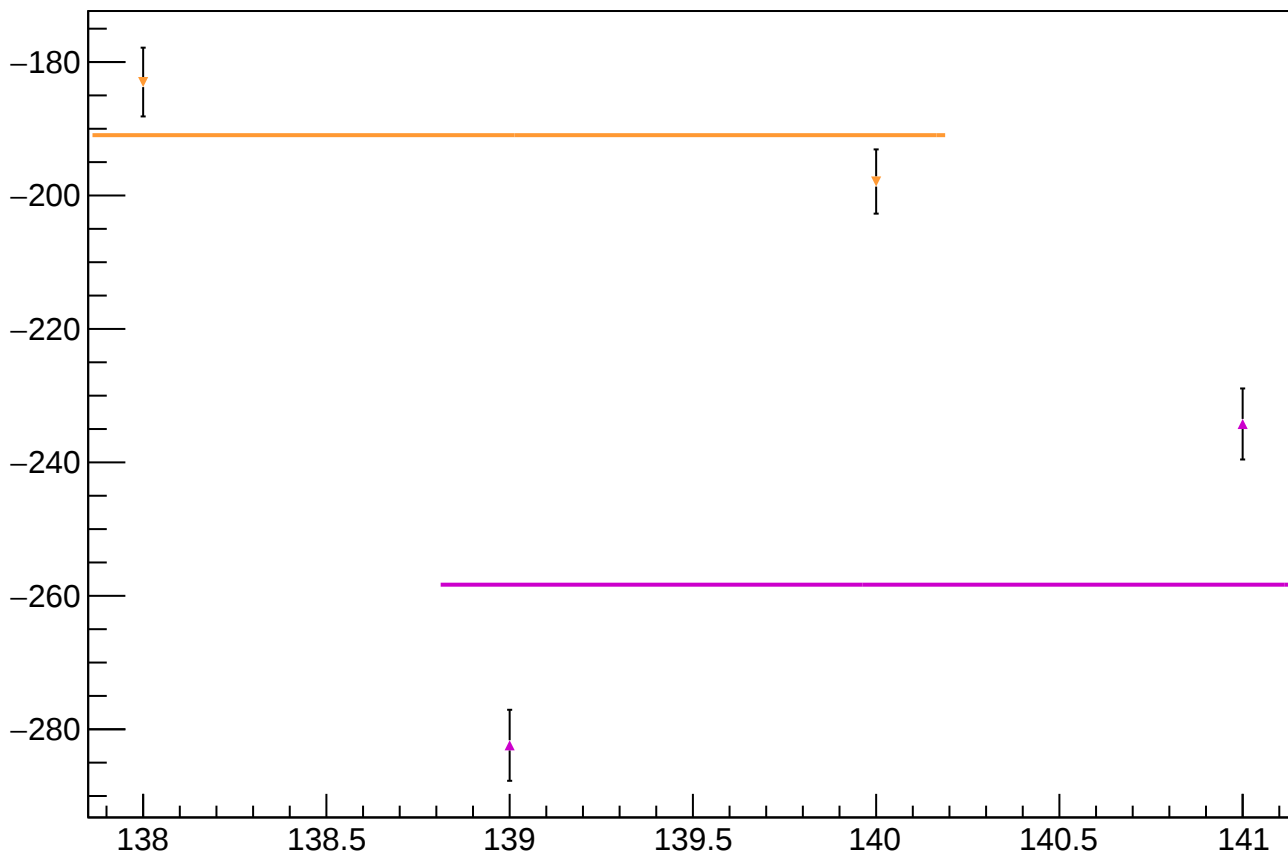
Right: -4.569+/-0.032 χ^2/NDF : 534660.8/35

In: 4.322+/-0.037 χ^2/NDF : 421139.0/18

Out: 5.754+/-0.038 χ^2/NDF : 378245.1/20

All: 5.030+/-0.026 χ^2/NDF : 800119.7/39

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: -190.958+/-3.518 χ^2/NDF :4.5/1

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: -222.376+/-2.570 χ^2/NDF : 216.4/3

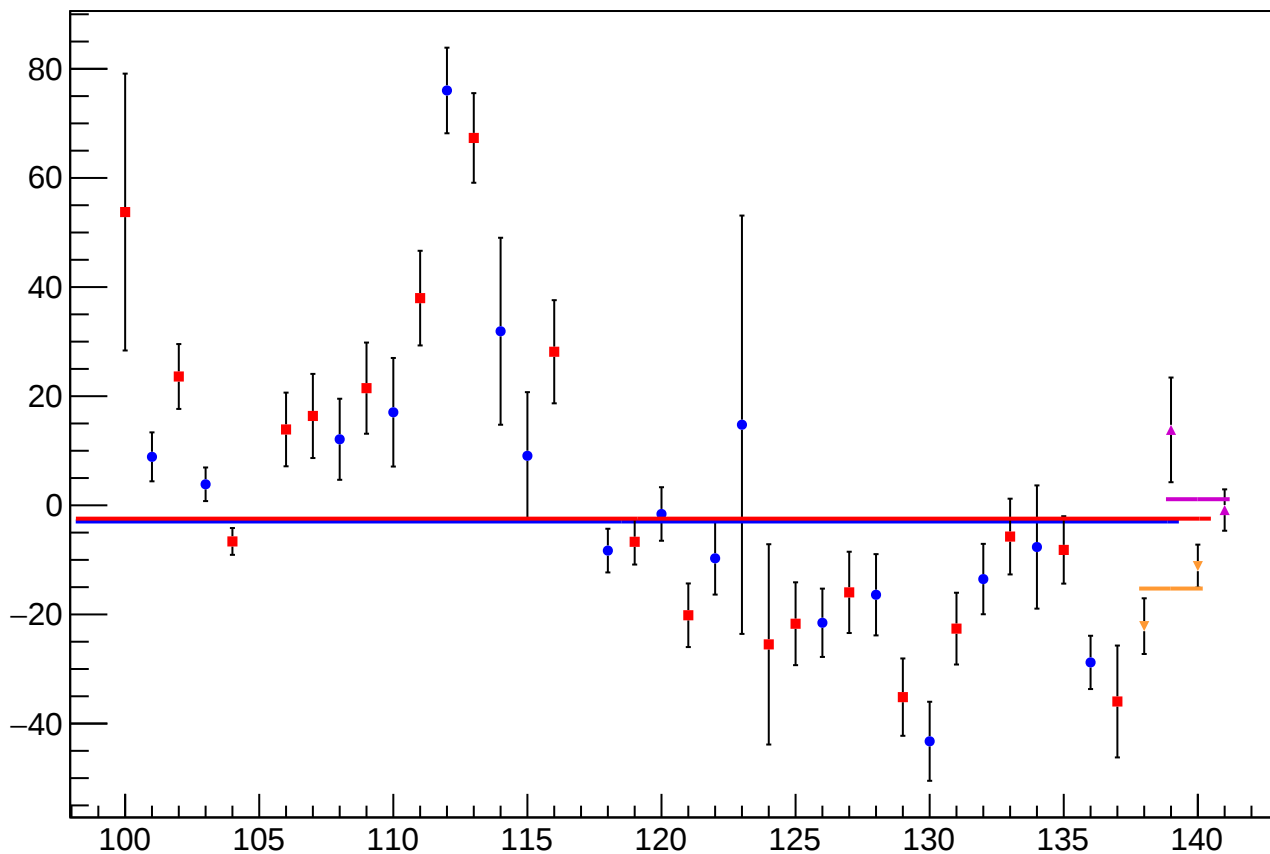
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -258.330+/-3.763 χ^2/NDF :40.9/1

Out: -190.958+/-3.518 χ^2/NDF :4.5/1

All: -222.376+/-2.570 χ^2/NDF : 216.4/3

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: -15.254 ± 3.119 $\chi^2/\text{NDF}: 2.9/1$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 1.119 ± 3.527 $\chi^2/\text{NDF}: 2.0/1$

Left: -8.068 ± 2.336 $\chi^2/\text{NDF}: 17.0/3$

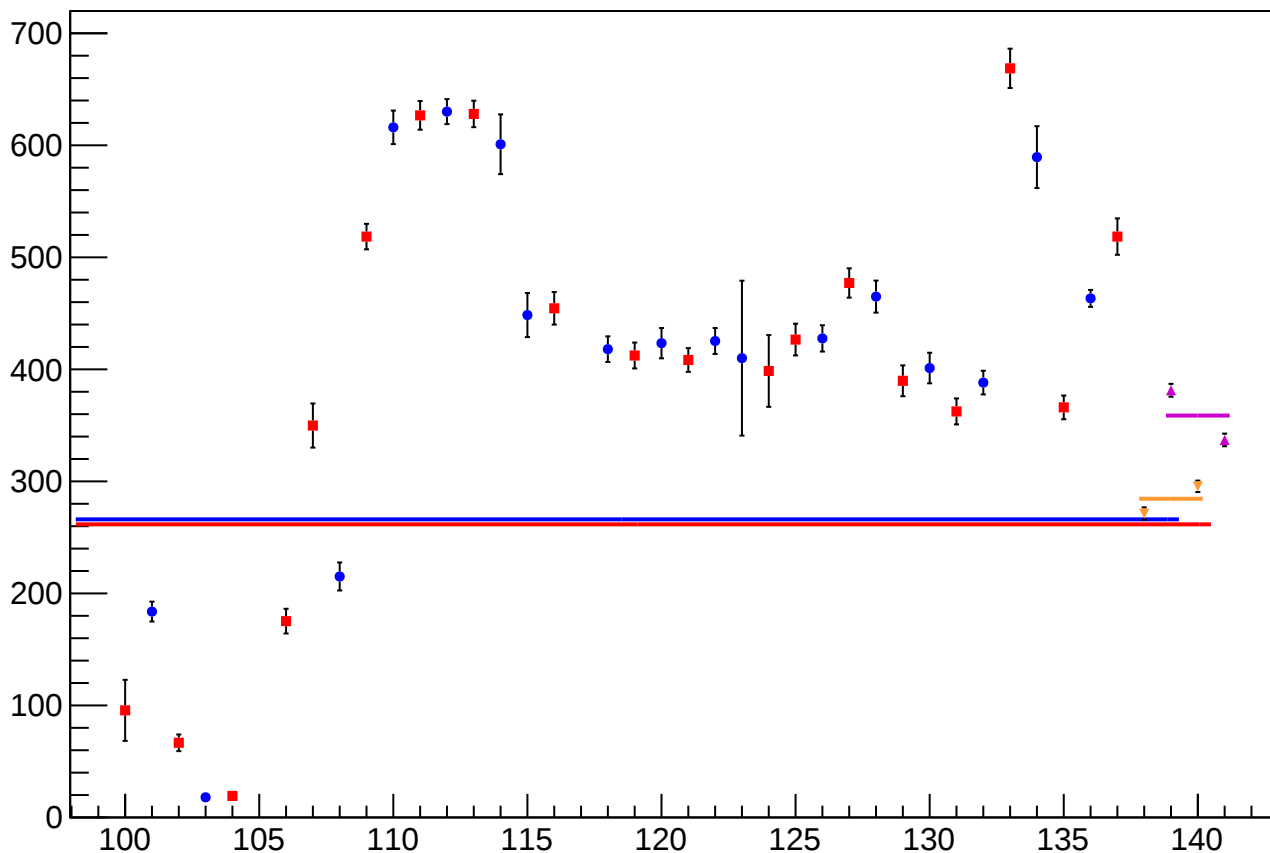
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: -2.372 ± 1.343 $\chi^2/\text{NDF}: 206.7/18$

Out: -4.585 ± 1.275 $\chi^2/\text{NDF}: 232.4/20$

All: -3.536 ± 0.925 $\chi^2/\text{NDF}: 440.5/39$

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: 284.473+/-3.777 χ^2/NDF :10.3/1

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: 319.147+/-2.758 χ^2/NDF : 220.9/3

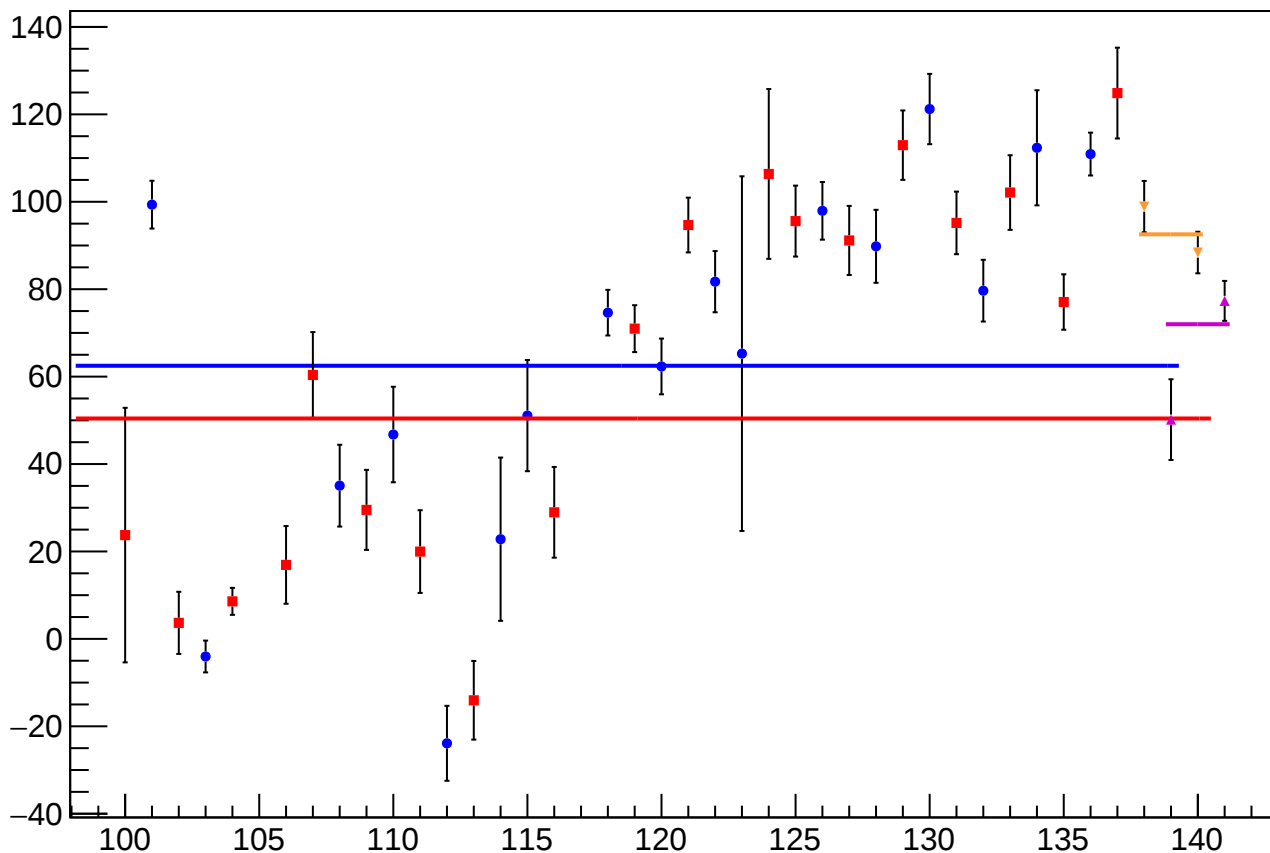
Right: 263.855+/-1.745 χ^2/NDF : 15855.1/35

In: 291.499+/-2.113 χ^2/NDF :8056.5/18

Out: 268.429+/-2.059 χ^2/NDF :8245.4/20

All: 279.666+/-1.475 χ^2/NDF : 16363.0/39

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: 92.554 $\pm$ 3.695 χ^2 /NDF:1.9/1

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: 83.322 $\pm$ 2.743 χ^2 /NDF: 22.8/3

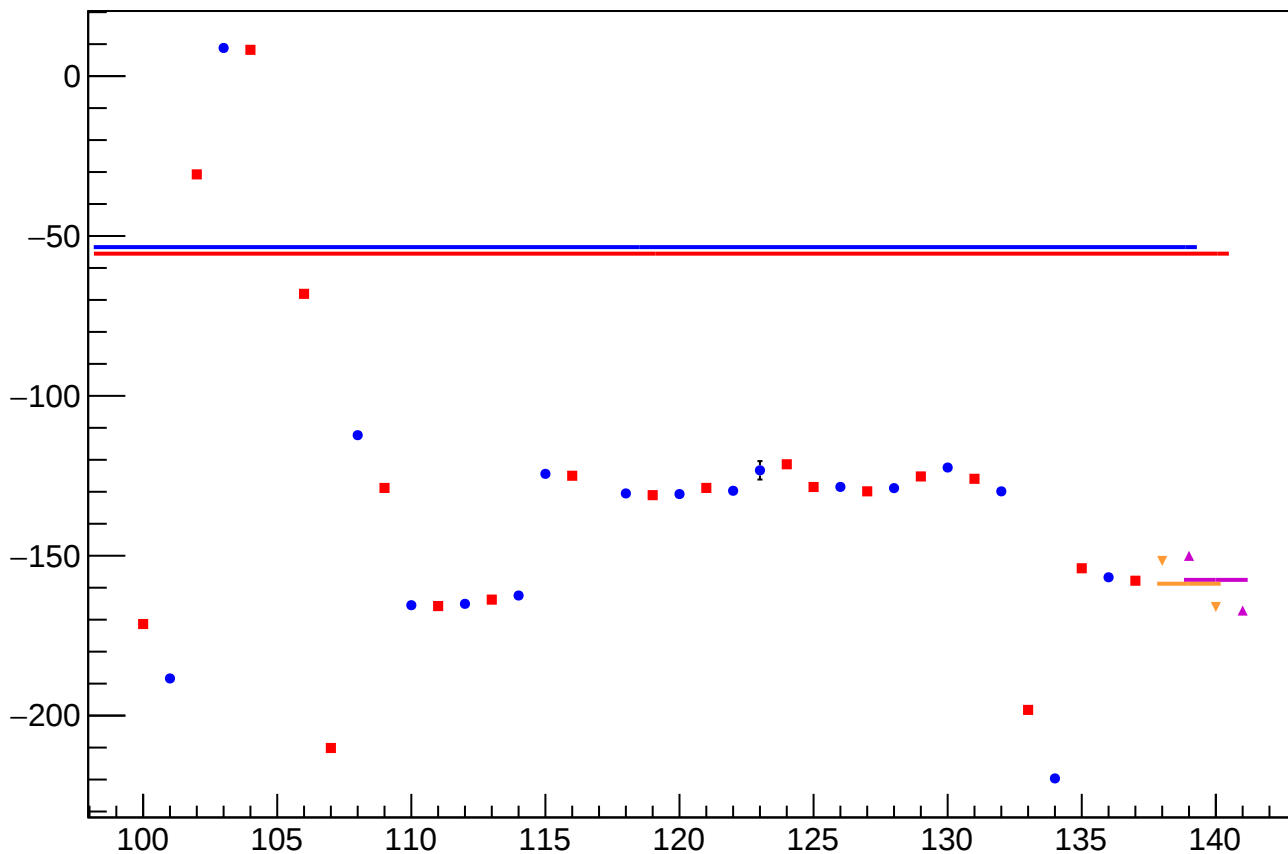
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 63.856 $\pm$ 1.555 χ^2 /NDF:732.3/18

Out: 57.367 $\pm$ 1.500 χ^2 /NDF:762.0/20

All: 60.496 $\pm$ 1.080 χ^2 /NDF: 1503.3/39

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: -158.754+/-0.158 χ^2/NDF : 2086.4/1

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: -158.132+/-0.109 χ^2/NDF : 5234.7/3

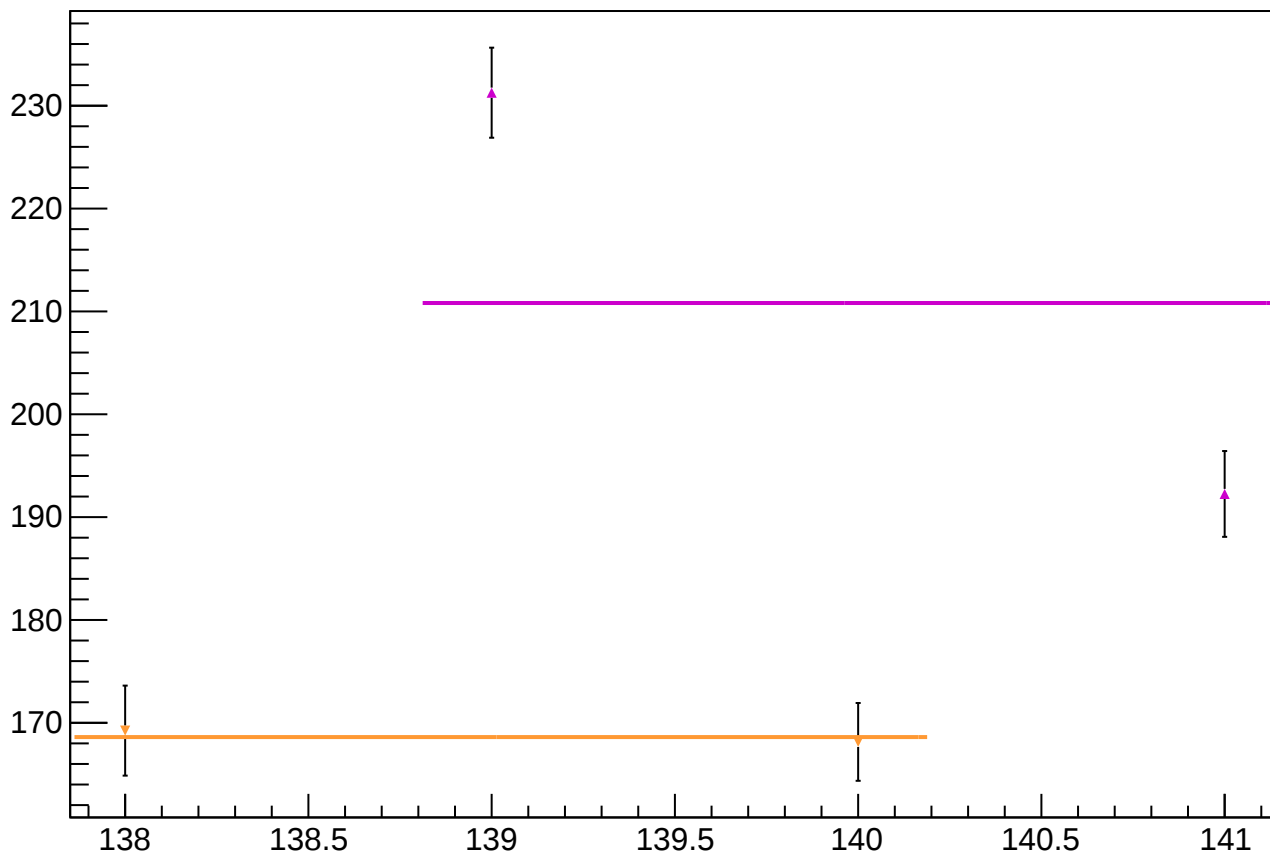
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -71.808+/-0.064 χ^2/NDF : 1617677.0/18

Out: -73.304+/-0.065 χ^2/NDF : 1327036.2/20

All: -72.537+/-0.046 χ^2/NDF : 2944981.1/39

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 168.614 $\pm$ 2.862 χ^2/NDF : 0.0/1

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 210.818 $\pm$ 3.020 χ^2/NDF : 41.6/1

Left: 188.579 $\pm$ 2.077 χ^2/NDF : 144.6/3

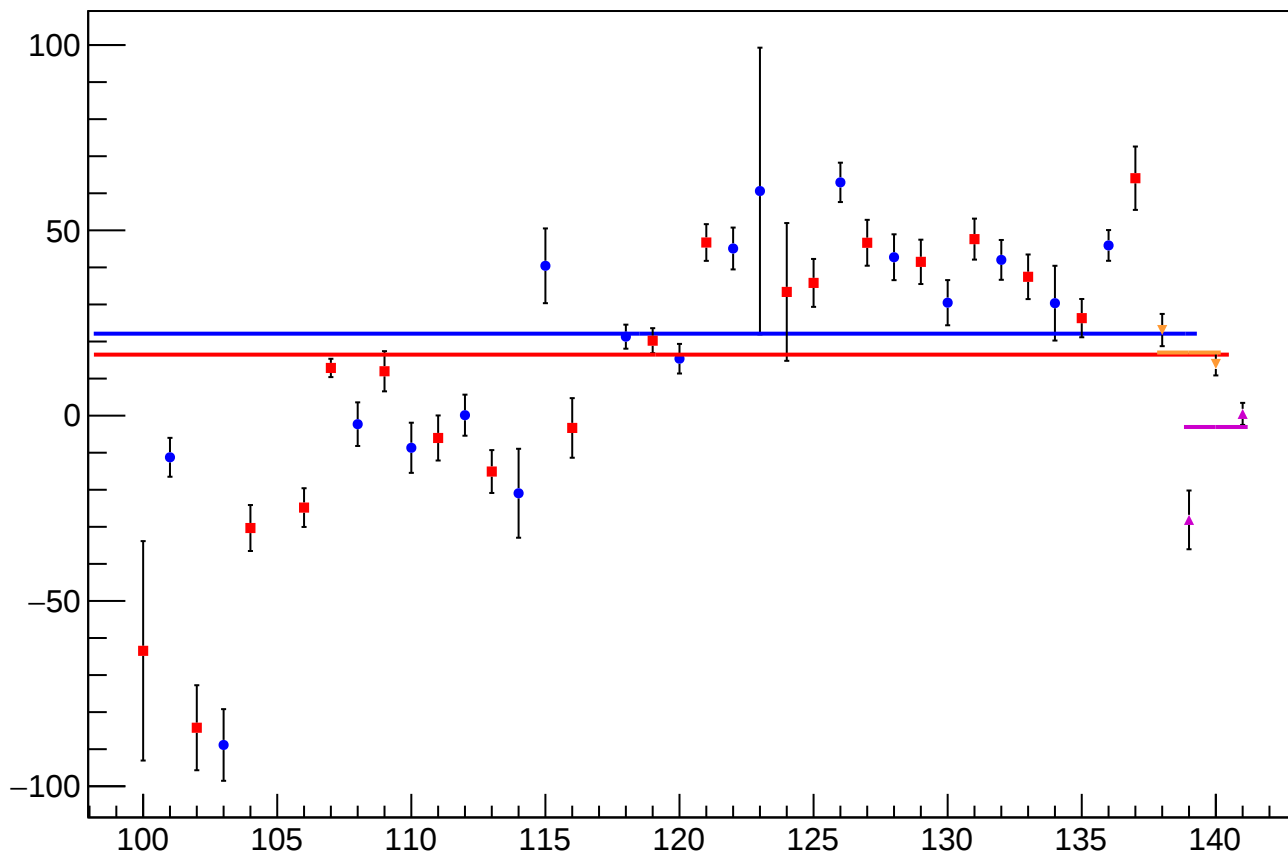
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 210.818 $\pm$ 3.020 χ^2/NDF : 41.6/1

Out: 168.614 $\pm$ 2.862 χ^2/NDF : 0.0/1

All: 188.579 $\pm$ 2.077 χ^2/NDF : 144.6/3

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: 17.029 $\pm$ 2.524 χ^2 /NDF: 2.9/1

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: 7.971 $\pm$ 1.870 χ^2 /NDF: 42.9/3

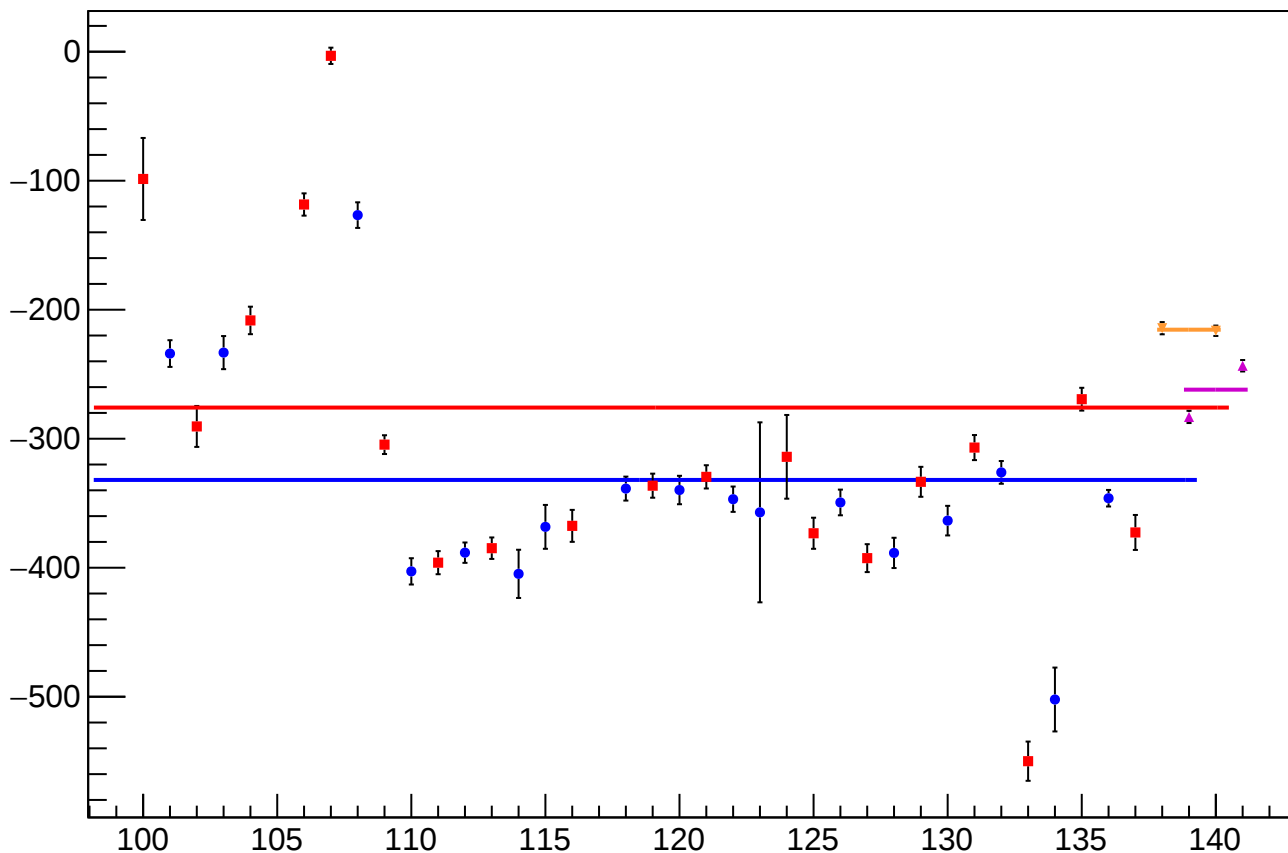
Right: 18.970 $\pm$ 0.916 χ^2 /NDF: 815.5/35

In: 17.176 $\pm$ 1.234 χ^2 /NDF: 459.1/18

Out: 16.572 $\pm$ 1.104 χ^2 /NDF: 427.1/20

All: 16.841 $\pm$ 0.823 χ^2 /NDF: 886.3/39

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: -215.479+/-3.070 χ^2/NDF : 0.1/1

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: -237.494+/-2.228 χ^2/NDF : 146.0/3

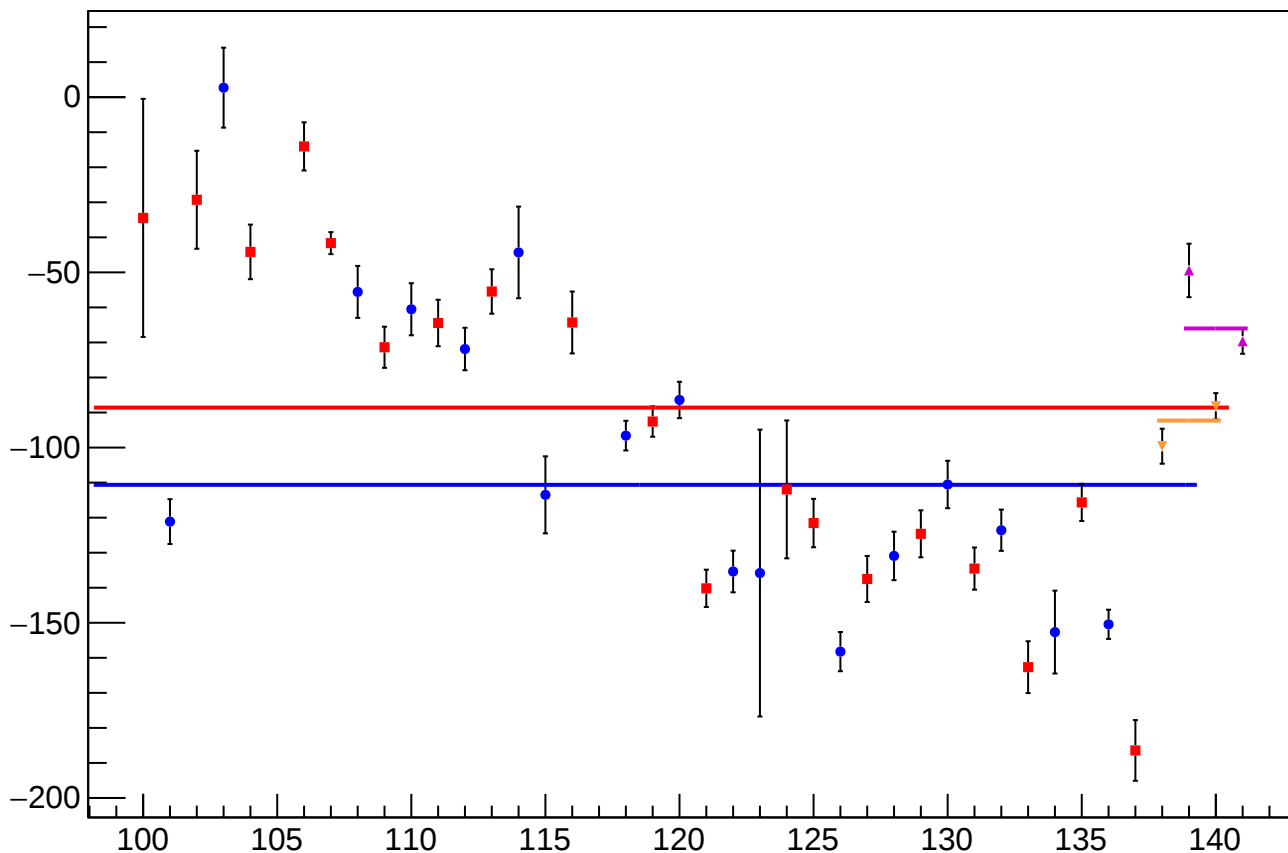
Right: -301.110+/-1.723 χ^2/NDF : 4409.7/35

In: -304.933+/-2.012 χ^2/NDF : 1109.9/18

Out: -253.871+/-1.853 χ^2/NDF : 3607.6/20

All: -277.306+/-1.363 χ^2/NDF : 5066.1/39

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: -92.291+/-2.993 χ^2/NDF : 3.3/1

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: -80.196+/-2.199 χ^2/NDF : 44.6/3

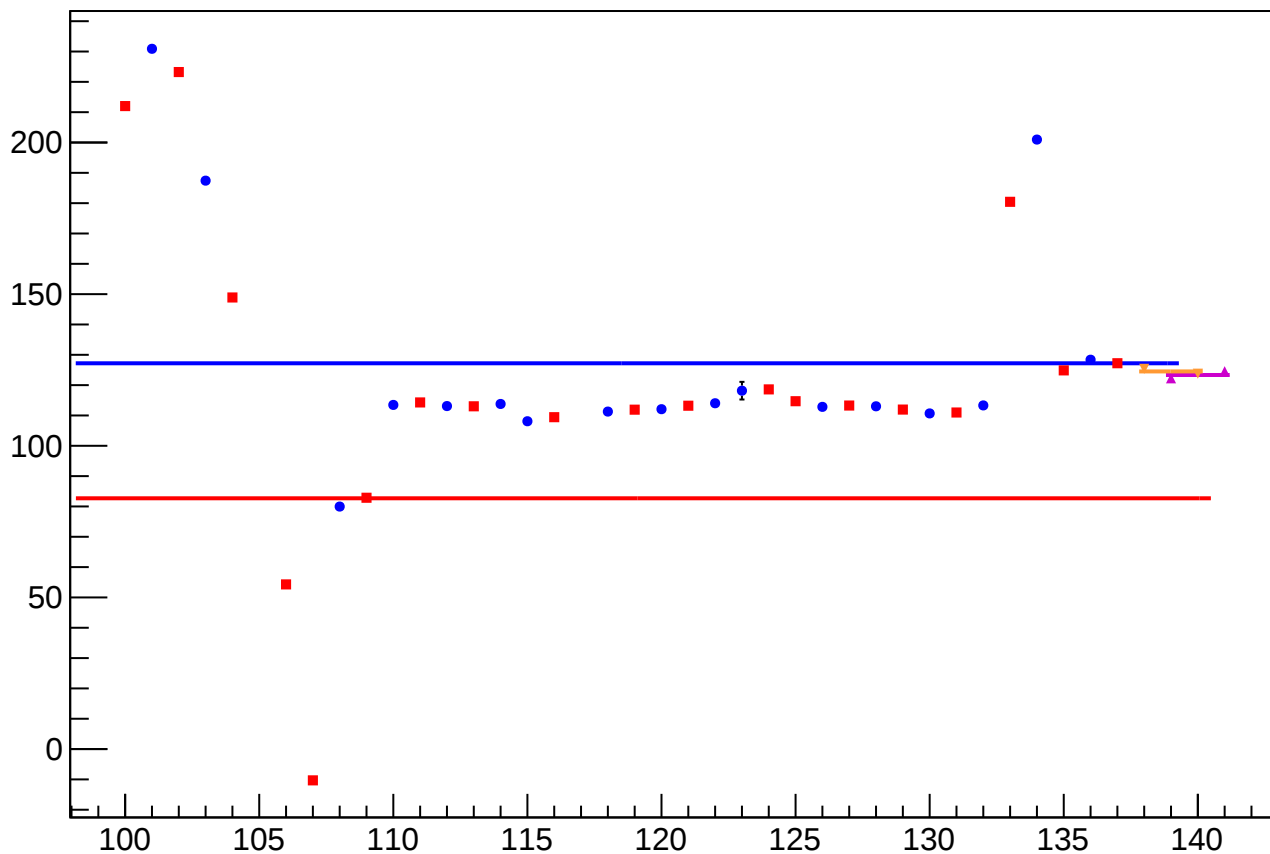
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -102.055+/-1.421 χ^2/NDF : 667.7/18

Out: -89.278+/-1.293 χ^2/NDF : 971.1/20

All: -95.063+/-0.956 χ^2/NDF : 1683.1/39

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: 124.521 $\pm$ 0.128 χ^2 /NDF:38.9/1

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: 123.906 $\pm$ 0.089 χ^2 /NDF: 173.6/3

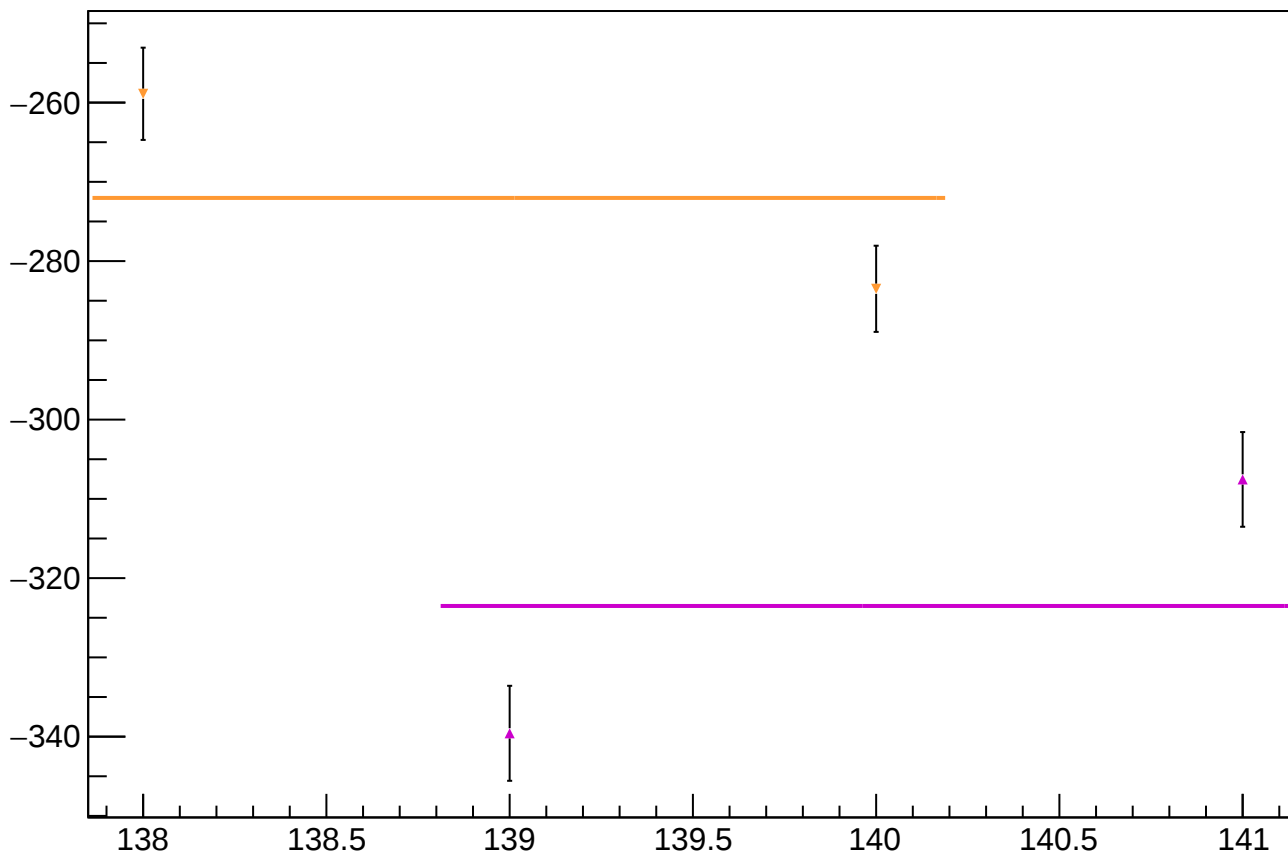
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 125.870 $\pm$ 0.072 χ^2 /NDF:188765.4/18

Out: 93.386 $\pm$ 0.065 χ^2 /NDF:844695.6/20

All: 107.939 $\pm$ 0.048 χ^2 /NDF: 1145526.4/39

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: -272.030+/-3.973 χ^2/NDF :9.5/1

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: -296.151+/-2.896 χ^2/NDF : 102.6/3

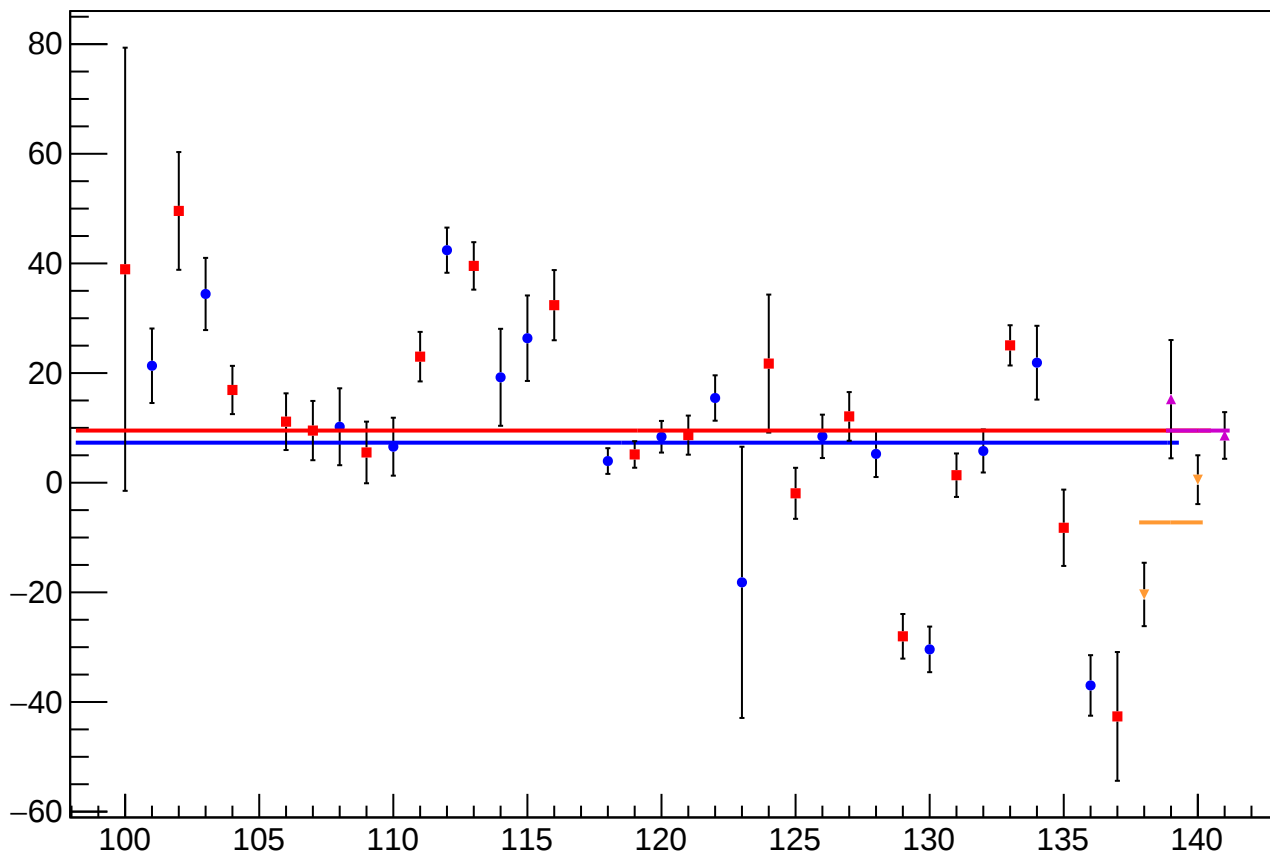
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -323.512+/-4.231 χ^2/NDF :14.3/1

Out: -272.030+/-3.973 χ^2/NDF :9.5/1

All: -296.151+/-2.896 χ^2/NDF : 102.6/3

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: -7.242+/-3.528 χ^2/NDF : 8.2/1

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: 0.171+/-2.634 χ^2/NDF : 18.5/3

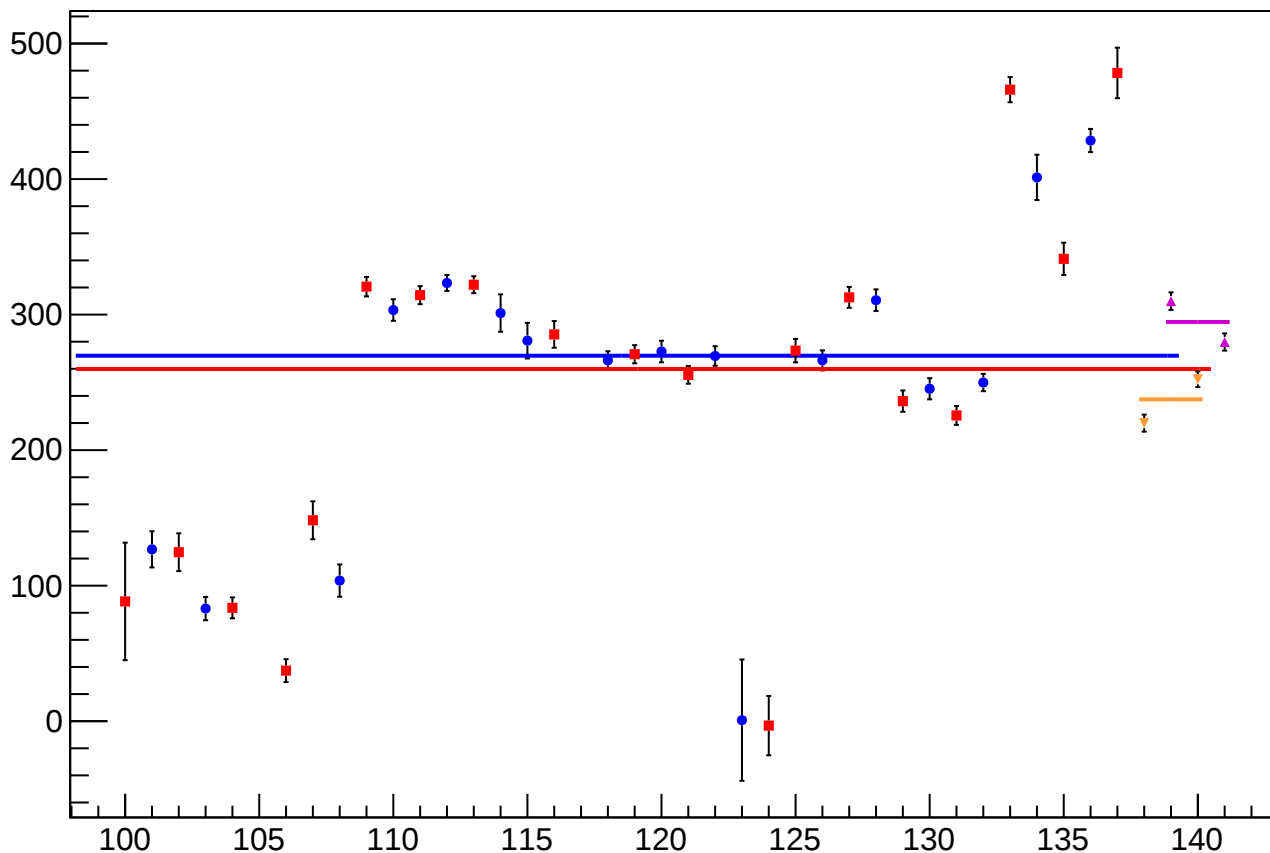
Right: 8.421+/-0.763 χ^2/NDF : 494.4/35

In: 7.457+/-1.047 χ^2/NDF : 261.3/18

Out: 8.095+/-1.026 χ^2/NDF : 260.5/20

All: 7.782+/-0.733 χ^2/NDF : 522.0/39

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: 237.498 $\pm$ 4.265 χ^2 /NDF:14.3/1

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: 264.242 $\pm$ 3.108 χ^2 /NDF: 109.2/3

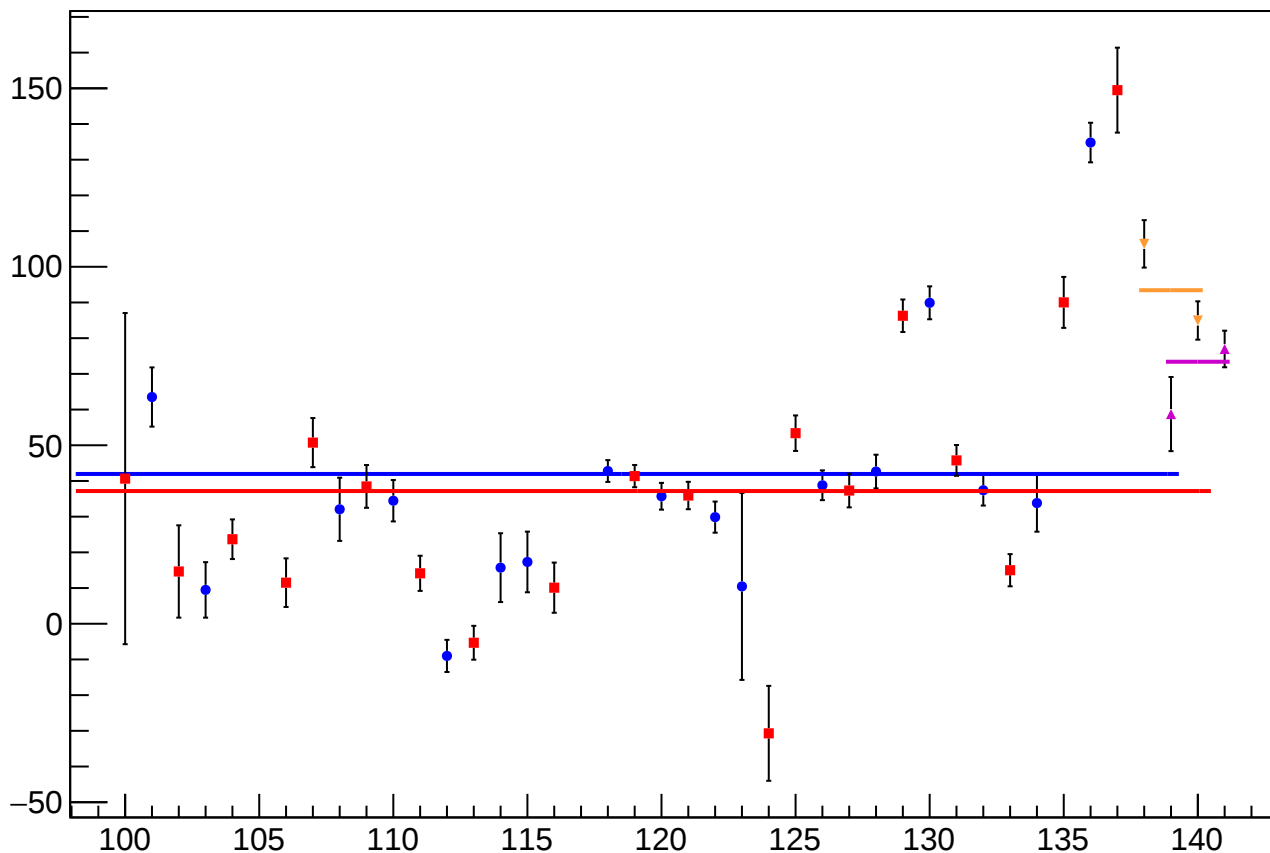
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 273.967 $\pm$ 1.888 χ^2 /NDF:1412.5/18

Out: 255.913 $\pm$ 1.793 χ^2 /NDF:2580.6/20

All: 264.477 $\pm$ 1.300 χ^2 /NDF: 4041.1/39

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 93.437 $\pm$ 4.178 χ^2 /NDF: 6.3/1

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 73.398 $\pm$ 4.596 χ^2 /NDF: 2.5/1

Left: 84.371 $\pm$ 3.091 χ^2 /NDF: 19.2/3

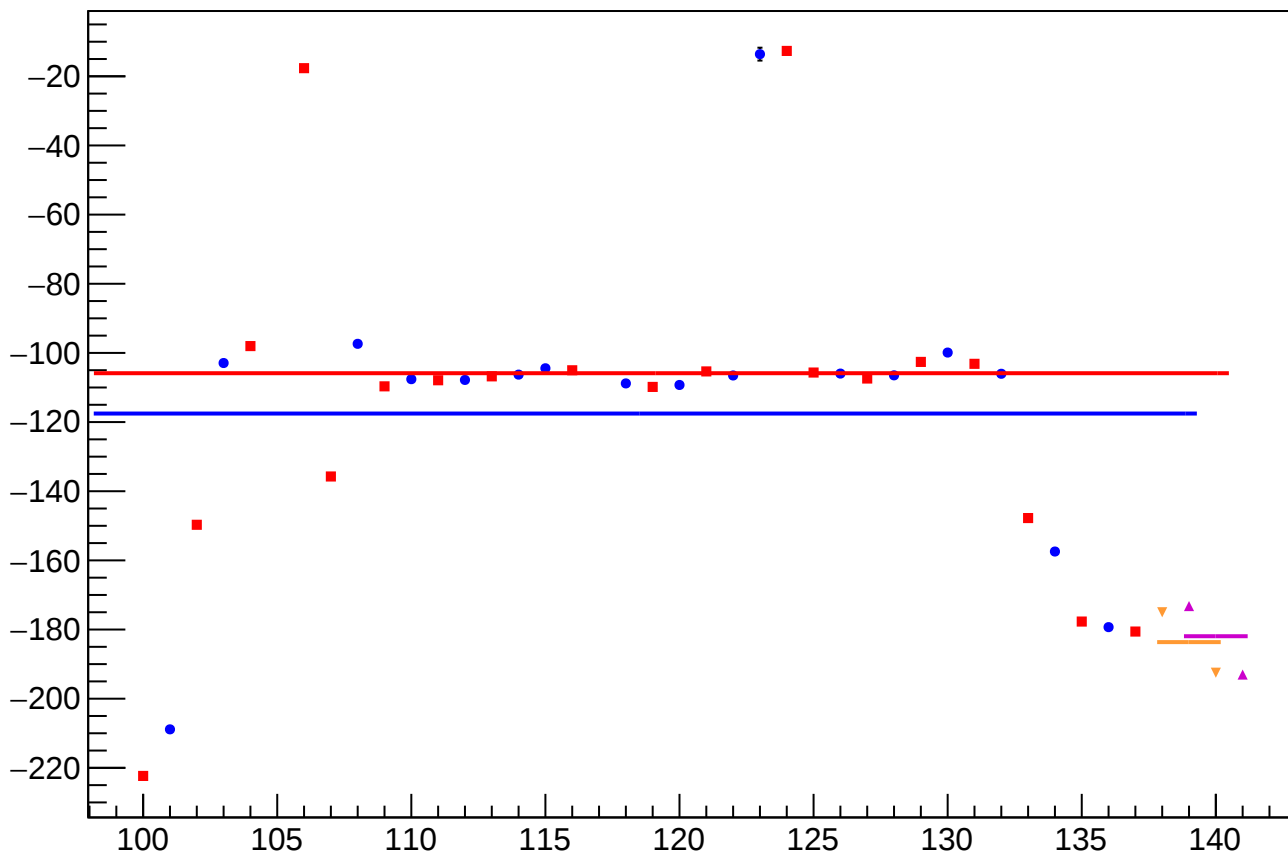
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 44.151 $\pm$ 1.214 χ^2 /NDF: 620.3/18

Out: 41.700 $\pm$ 1.185 χ^2 /NDF: 644.0/20

All: 42.896 $\pm$ 0.848 χ^2 /NDF: 1266.3/39

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -183.636 ± 0.178 $\chi^2/\text{NDF}: 2410.2/1$

Right Out: -105.868 ± 0.073 $\chi^2/\text{NDF}: 324319.1/18$

Left In: -181.935 ± 0.171 $\chi^2/\text{NDF}: 3314.6/1$

Left: -182.750 ± 0.123 $\chi^2/\text{NDF}: 5772.4/3$

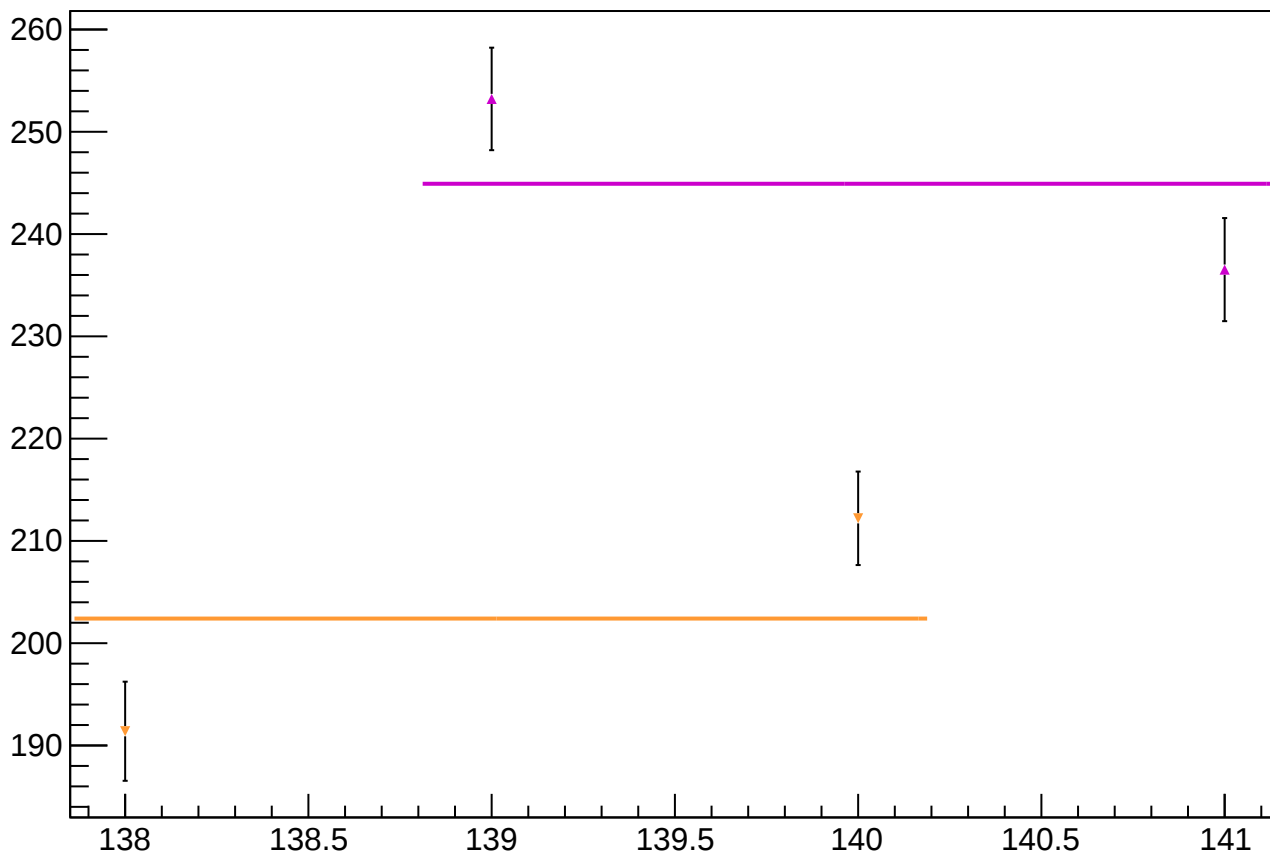
Right: -111.288 ± 0.053 $\chi^2/\text{NDF}: 478296.7/35$

In: -128.677 ± 0.071 $\chi^2/\text{NDF}: 262938.2/18$

Out: -117.003 ± 0.067 $\chi^2/\text{NDF}: 490235.8/20$

All: -122.530 ± 0.049 $\chi^2/\text{NDF}: 767392.0/39$

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: 202.408+/-3.325 χ^2/NDF : 9.8/1

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: 222.251+/-2.428 χ^2/NDF : 91.6/3

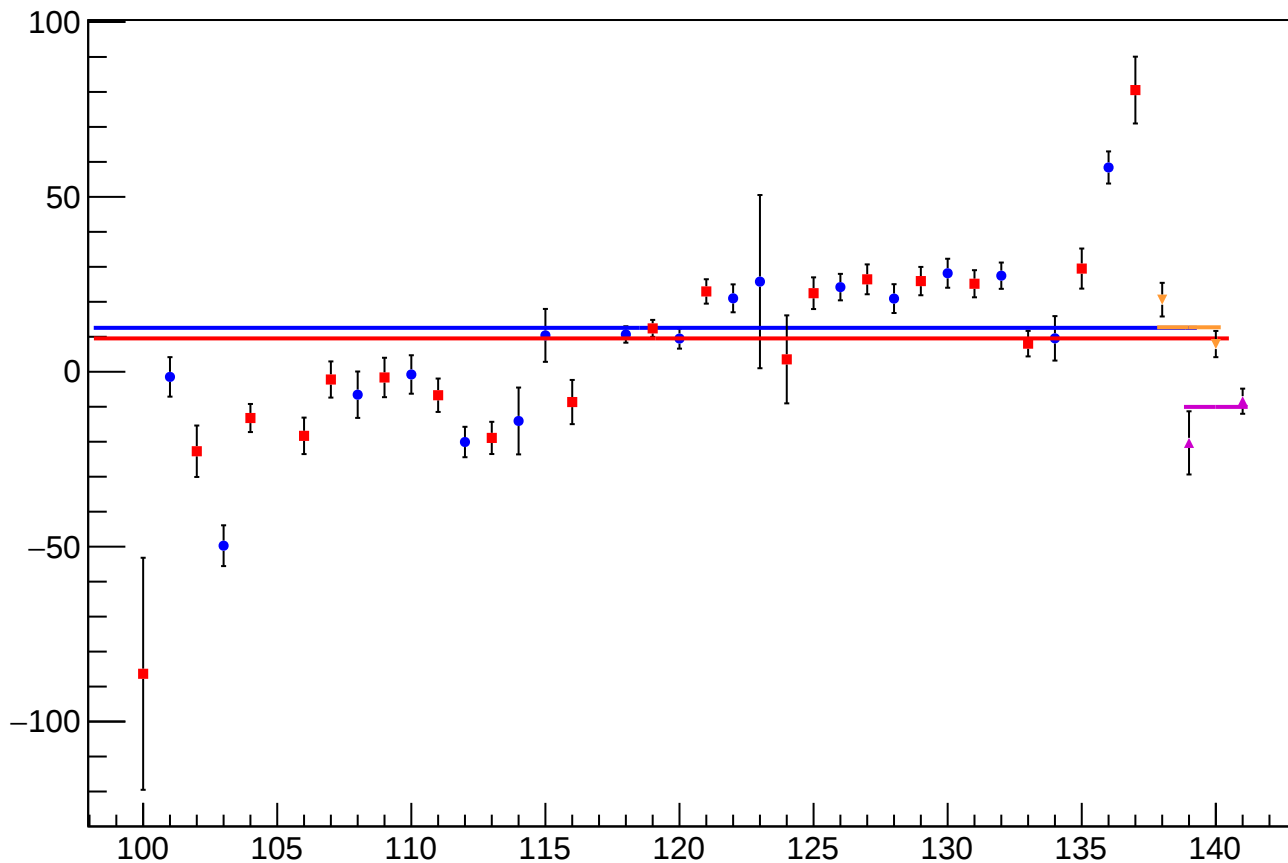
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.918+/-3.553 χ^2/NDF : 5.5/1

Out: 202.408+/-3.325 χ^2/NDF : 9.8/1

All: 222.251+/-2.428 χ^2/NDF : 91.6/3

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2 /NDF: 348.6/16

Left Out: 12.718+/-2.956 χ^2 /NDF:4.3/1

Right Out: 9.535+/-1.049 χ^2 /NDF: 295.8/18

Left In: -10.045+/-3.338 χ^2 /NDF:1.5/1

Left: 2.714+/-2.213 χ^2 /NDF: 31.9/3

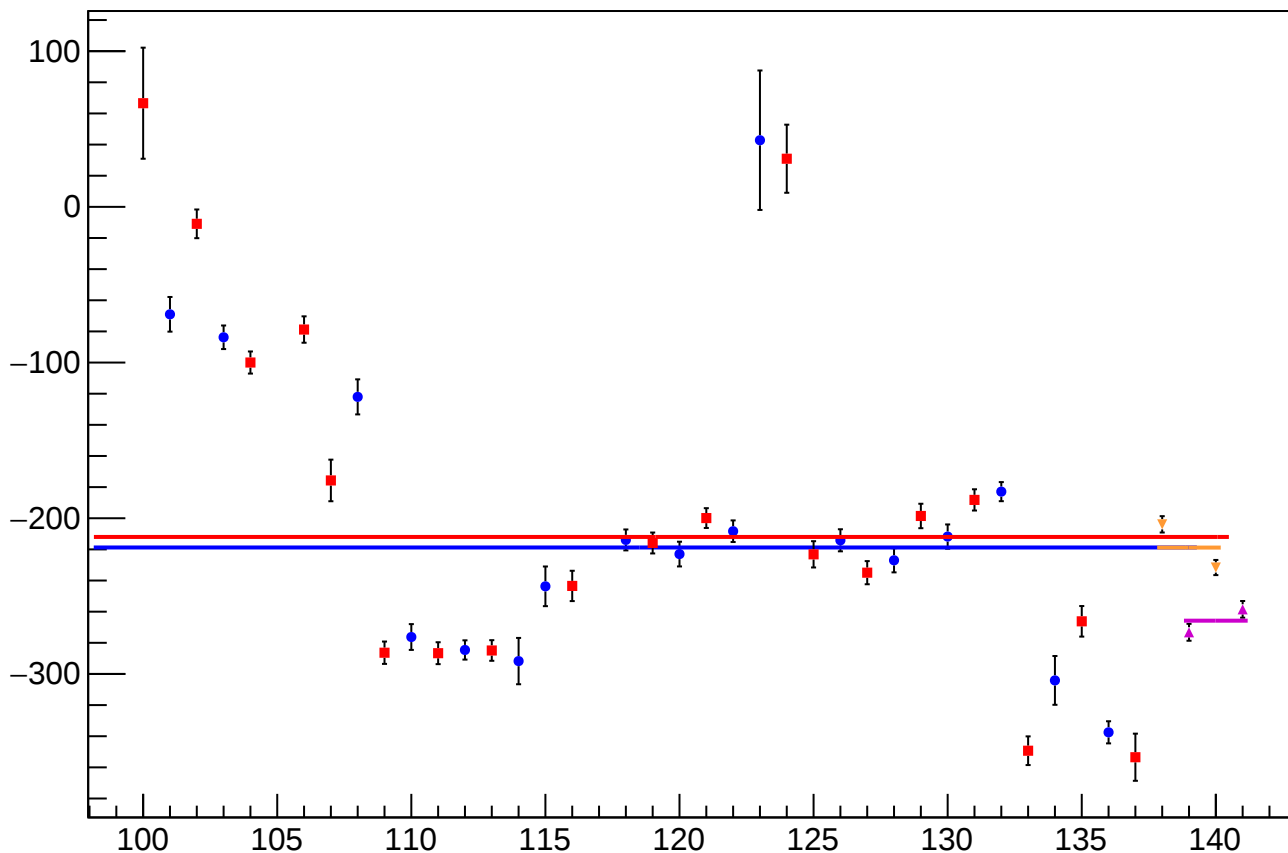
Right: 11.035+/-0.745 χ^2 /NDF: 648.5/35

In: 10.498+/-1.008 χ^2 /NDF:391.7/18

Out: 9.891+/-0.988 χ^2 /NDF:301.2/20

All: 10.188+/-0.706 χ^2 /NDF: 693.1/39

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: -218.834 ± 3.570 $\chi^2/\text{NDF}: 15.0/1$

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: -240.768 ± 2.606 $\chi^2/\text{NDF}: 99.6/3$

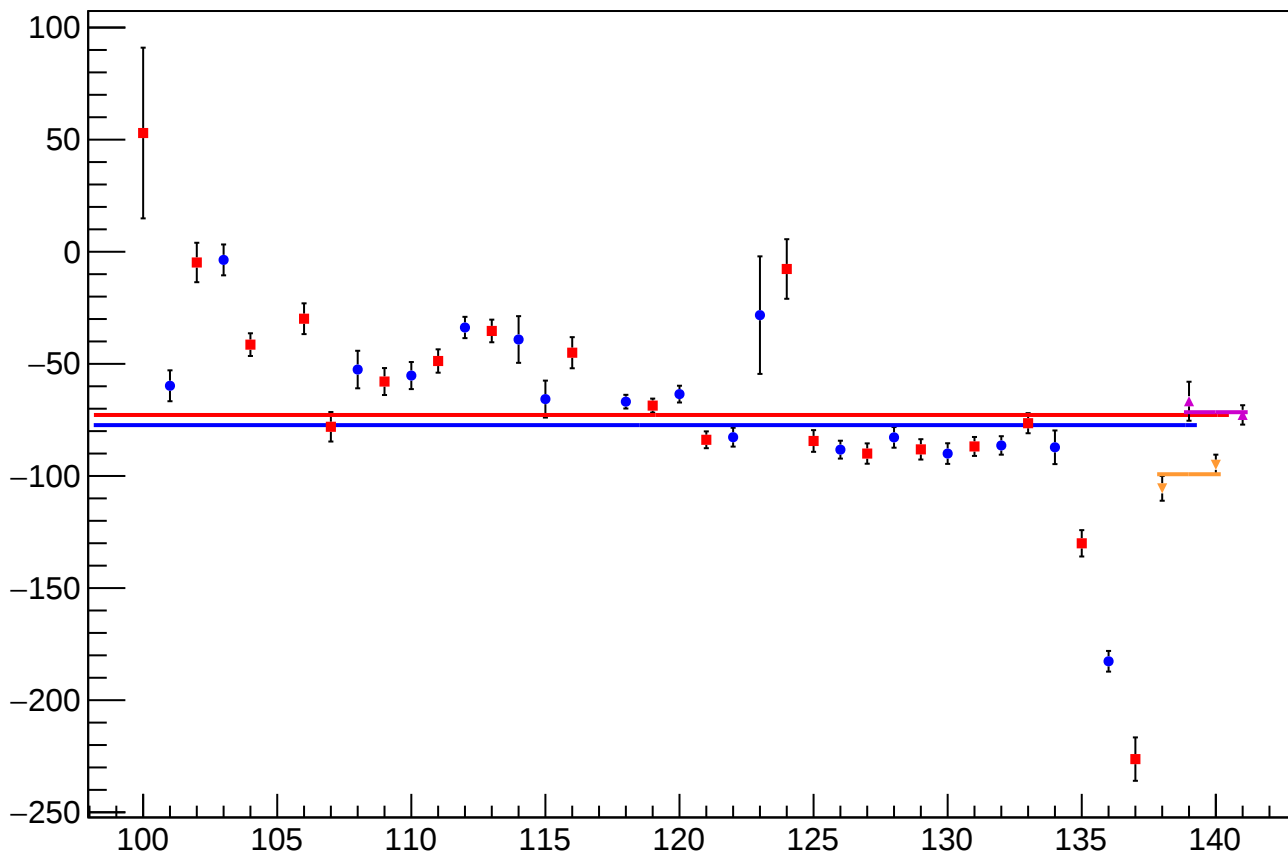
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -228.998 ± 1.778 $\chi^2/\text{NDF}: 1267.2/18$

Out: -213.541 ± 1.693 $\chi^2/\text{NDF}: 1903.5/20$

All: -220.892 ± 1.226 $\chi^2/\text{NDF}: 3210.3/39$

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: -99.223 ± 3.499 $\chi^2/\text{NDF}: 2.2/1$

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: -86.789 ± 2.596 $\chi^2/\text{NDF}: 30.7/3$

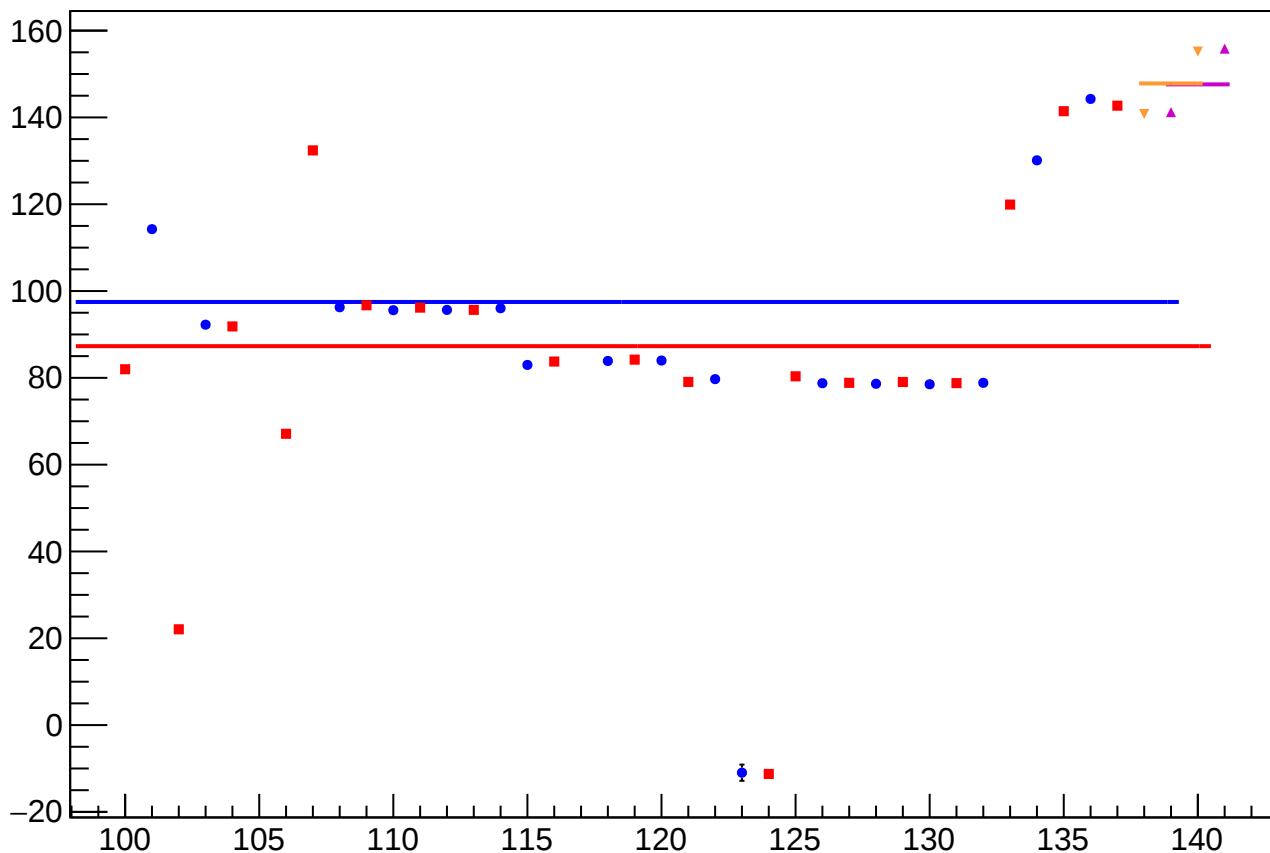
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -76.797 ± 1.165 $\chi^2/\text{NDF}: 820.1/18$

Out: -75.607 ± 1.141 $\chi^2/\text{NDF}: 724.9/20$

All: -76.190 ± 0.815 $\chi^2/\text{NDF}: 1545.5/39$

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: 147.826+/-0.149 χ^2/NDF : 2328.5/1

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: 147.715+/-0.103 χ^2/NDF : 4889.1/3

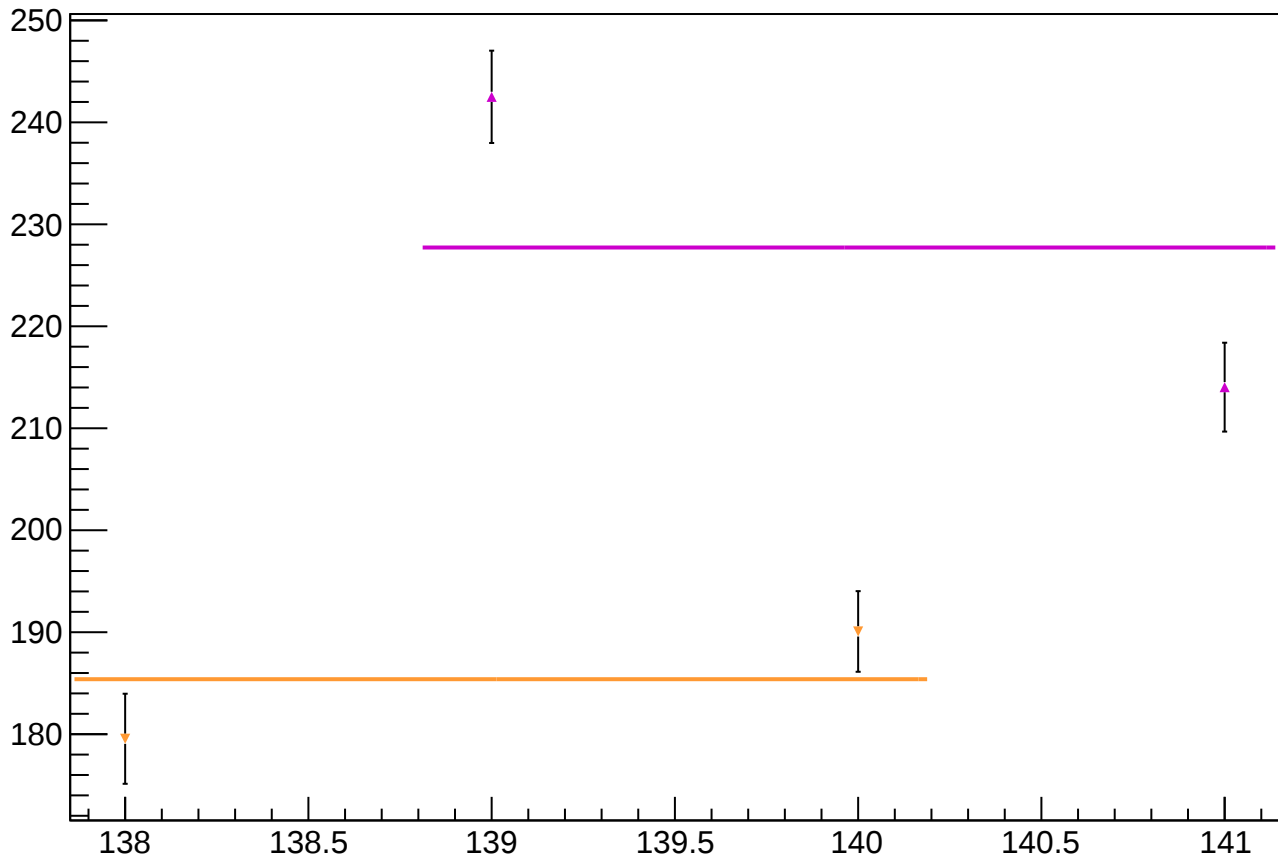
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 107.877+/-0.065 χ^2/NDF : 193751.3/18

Out: 97.800+/-0.062 χ^2/NDF : 360778.7/20

All: 102.578+/-0.045 χ^2/NDF : 567044.8/39

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: 185.393+/-2.946 χ^2/NDF :3.2/1

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: 205.215+/-2.148 χ^2/NDF : 120.4/3

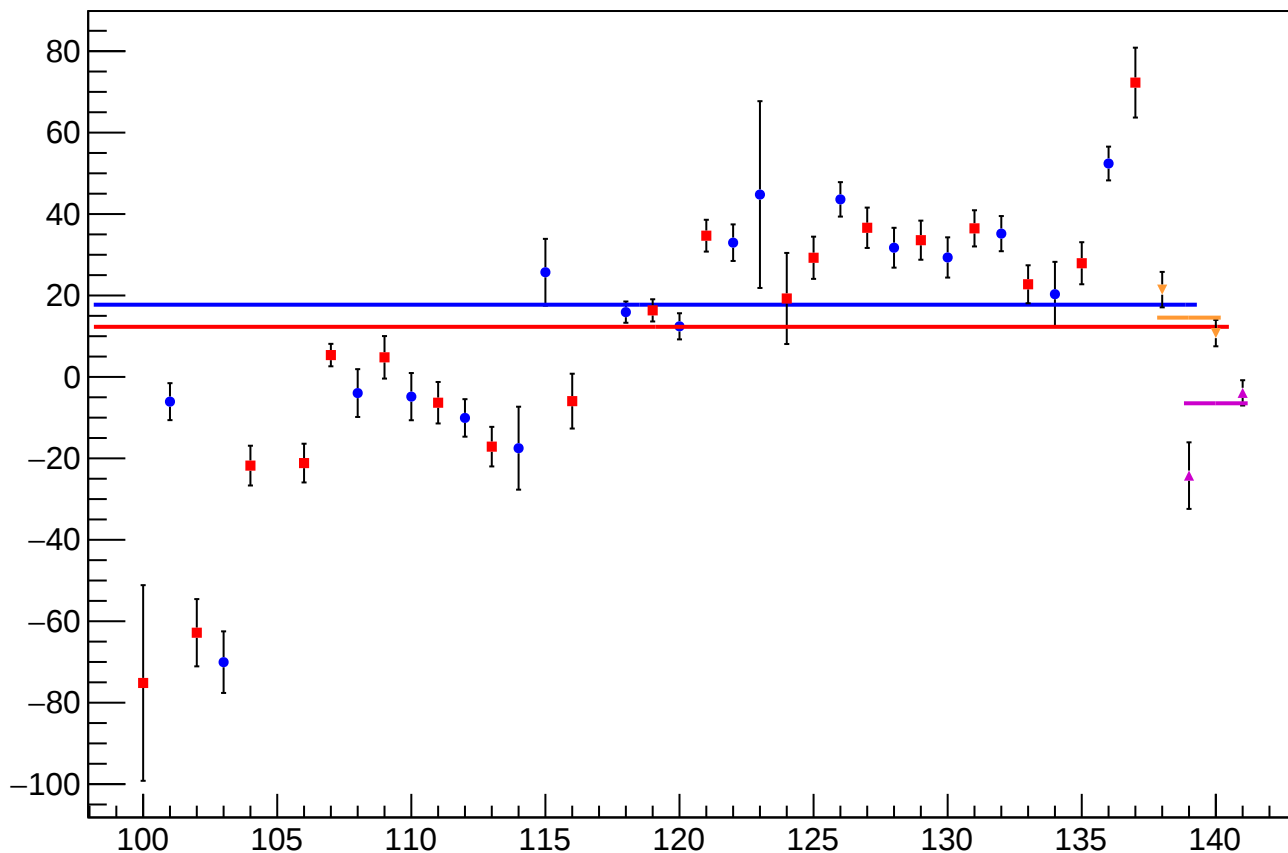
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 227.726+/-3.139 χ^2/NDF :20.5/1

Out: 185.393+/-2.946 χ^2/NDF :3.2/1

All: 205.215+/-2.148 χ^2/NDF : 120.4/3

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: 14.563 $\pm$ 2.598 χ^2 /NDF:3.9/1

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: 5.203 $\pm$ 1.936 χ^2 /NDF: 38.4/3

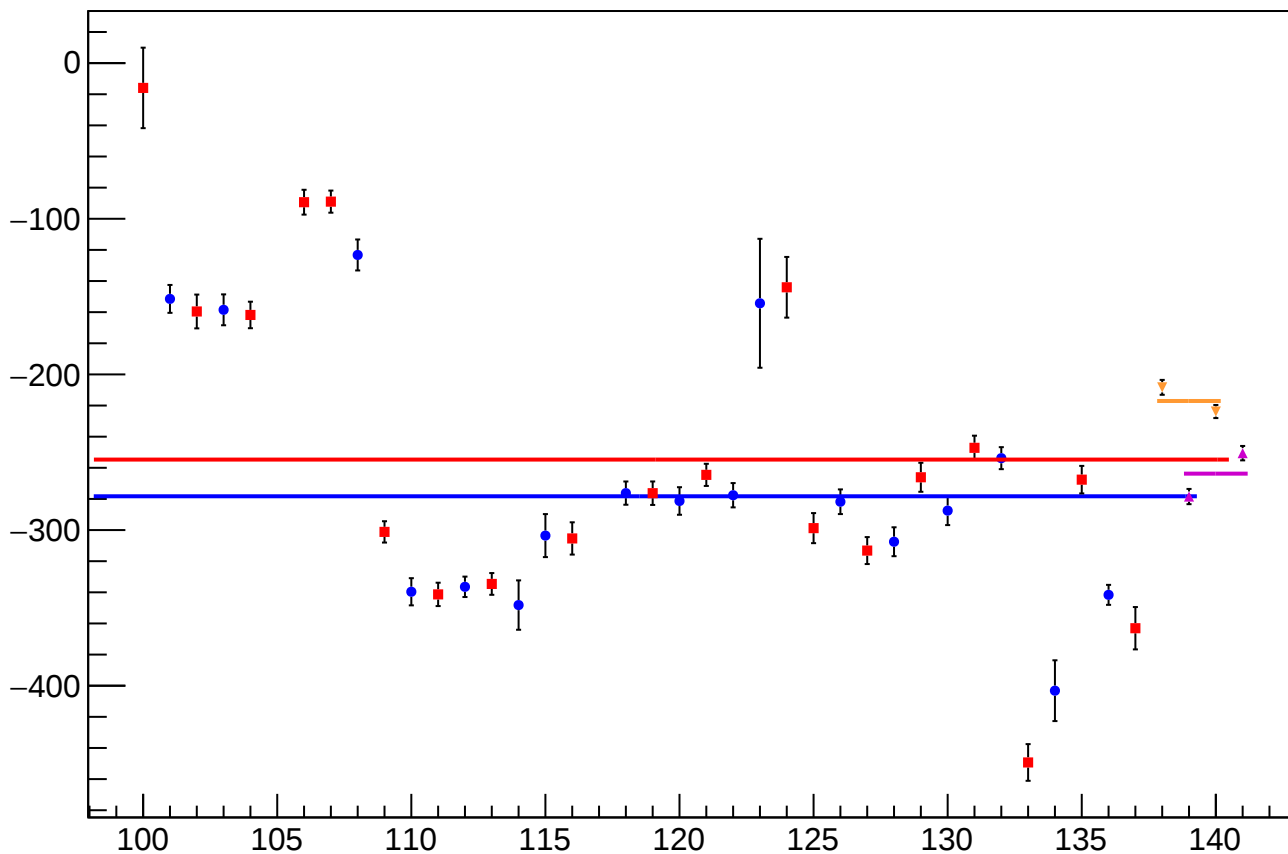
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 14.458 $\pm$ 1.068 χ^2 /NDF:459.6/18

Out: 12.640 $\pm$ 1.000 χ^2 /NDF:447.0/20

All: 13.490 $\pm$ 0.730 χ^2 /NDF: 908.1/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -217.067 ± 3.161 $\chi^2/\text{NDF}: 5.9/1$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -263.751 ± 3.366 $\chi^2/\text{NDF}: 17.1/1$

Left: -238.947 ± 2.304 $\chi^2/\text{NDF}: 125.2/3$

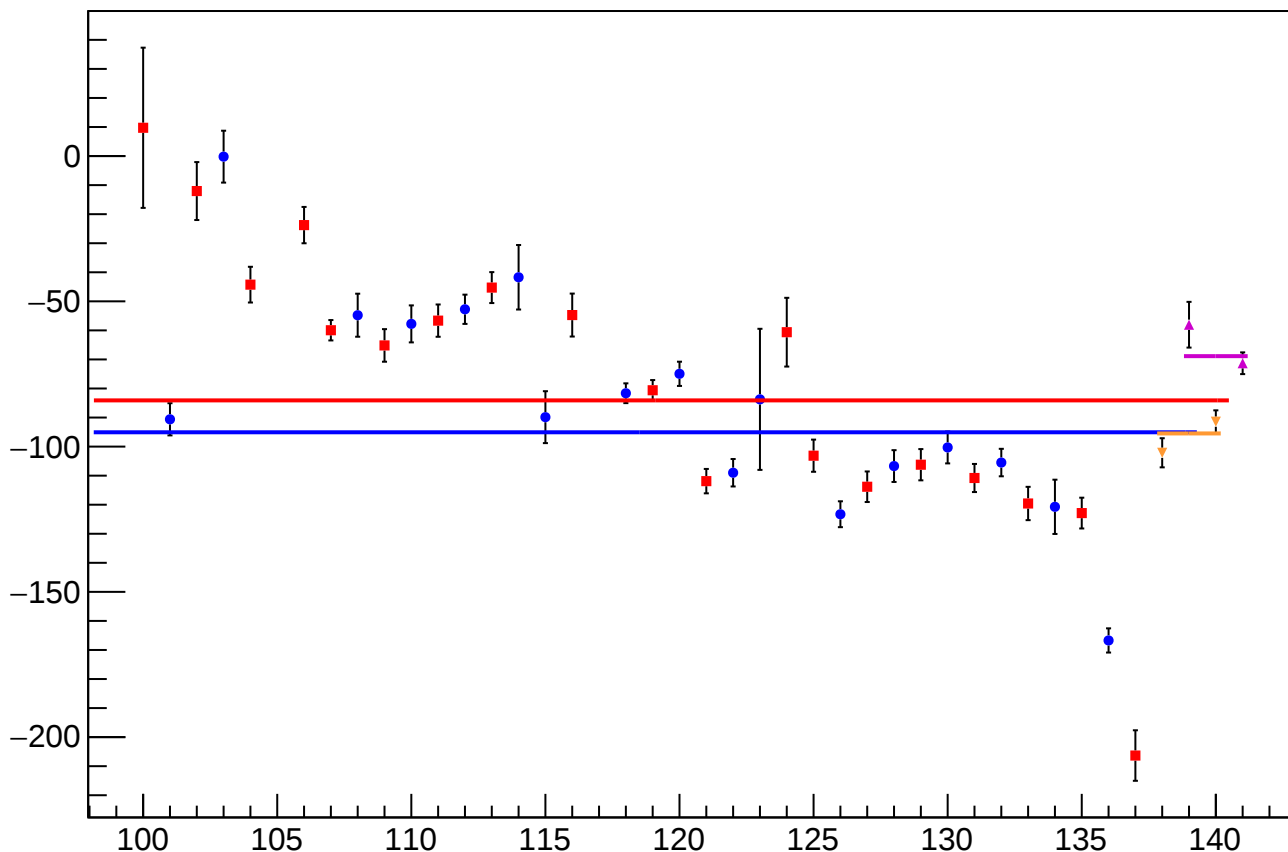
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -274.018 ± 1.825 $\chi^2/\text{NDF}: 940.2/18$

Out: -243.809 ± 1.701 $\chi^2/\text{NDF}: 2144.7/20$

All: -257.855 ± 1.245 $\chi^2/\text{NDF}: 3231.5/39$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 $\pm$ 1.325 χ^2 /NDF: 673.2/16

Left Out: -95.472 $\pm$ 3.082 χ^2 /NDF:2.8/1

Right Out: -84.094 $\pm$ 1.257 χ^2 /NDF: 780.4/18

Left In: -68.869 $\pm$ 3.377 χ^2 /NDF:2.3/1

Left: -83.384 $\pm$ 2.276 χ^2 /NDF: 39.0/3

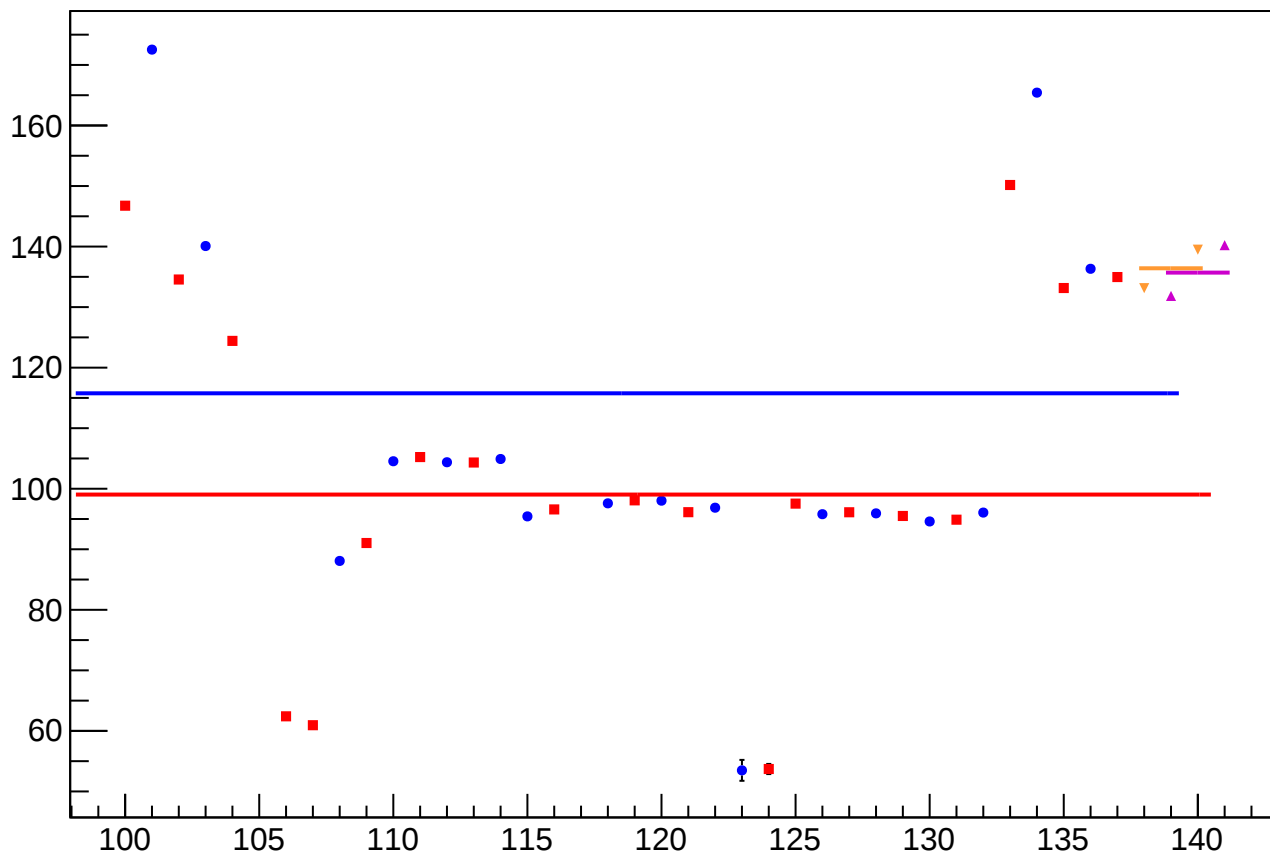
Right: -89.294 $\pm$ 0.912 χ^2 /NDF: 1489.7/35

In: -91.576 $\pm$ 1.234 χ^2 /NDF:727.7/18

Out: -85.717 $\pm$ 1.164 χ^2 /NDF:794.9/20

All: -88.476 $\pm$ 0.847 χ^2 /NDF: 1534.5/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 136.414 $\pm$ 0.132 χ^2 /NDF: 576.6/1

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 135.698 $\pm$ 0.127 χ^2 /NDF: 1078.3/1

Left: 136.042 $\pm$ 0.092 χ^2 /NDF: 1670.0/3

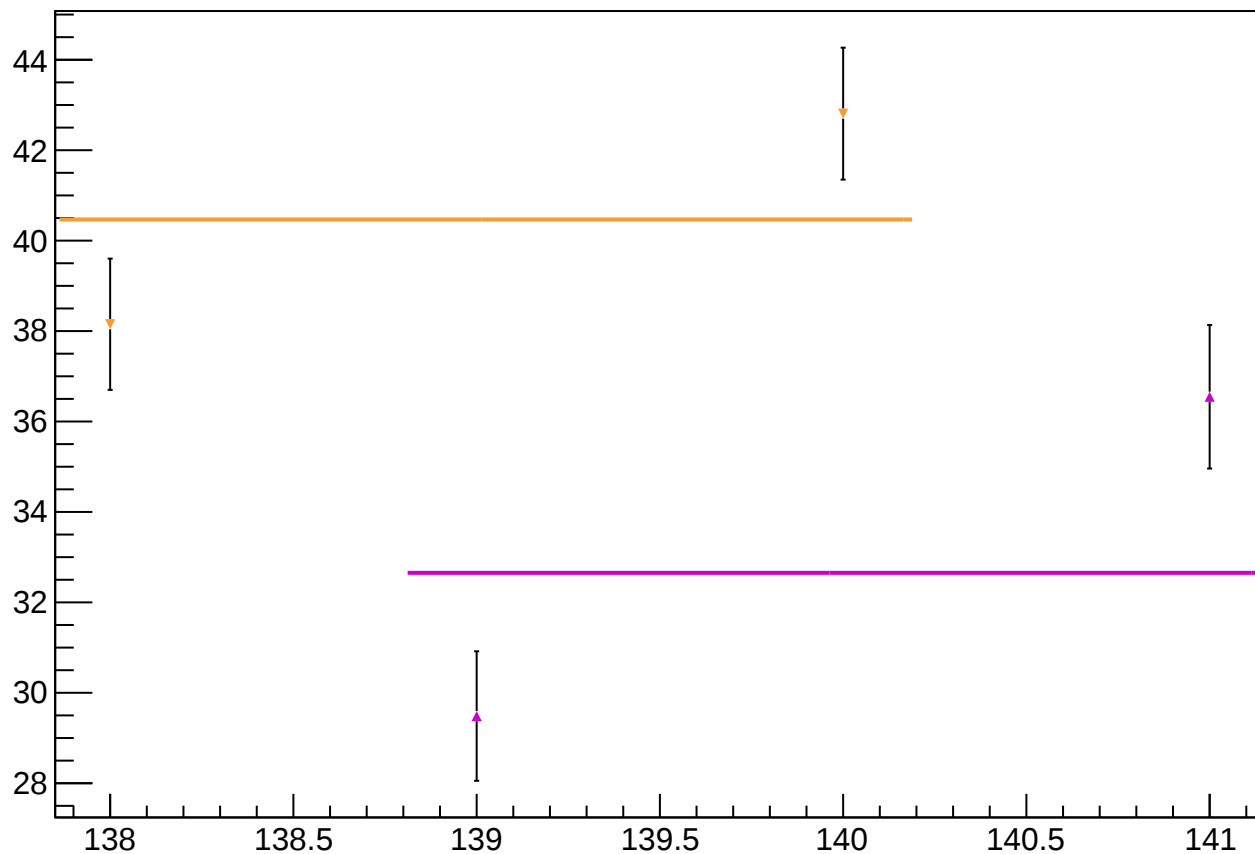
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 121.216 $\pm$ 0.067 χ^2 /NDF: 125206.1/18

Out: 106.934 $\pm$ 0.061 χ^2 /NDF: 237002.8/20

All: 113.433 $\pm$ 0.045 χ^2 /NDF: 387304.3/39

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: 40.468+/-1.029 χ^2/NDF :5.1/1

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: 36.690+/-0.739 χ^2/NDF : 43.9/3

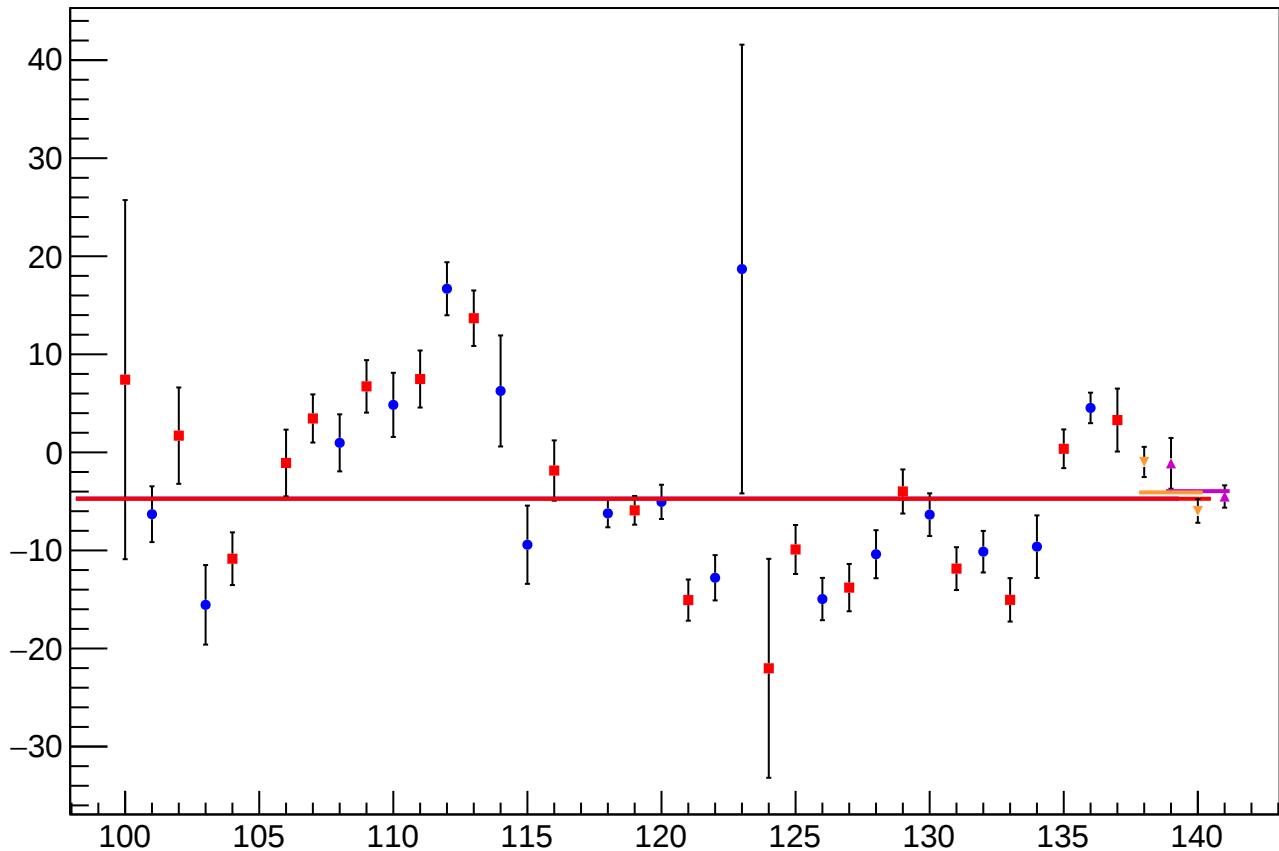
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 32.654+/-1.063 χ^2/NDF :10.9/1

Out: 40.468+/-1.029 χ^2/NDF :5.1/1

All: 36.690+/-0.739 χ^2/NDF : 43.9/3

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 $\pm$ 0.581 χ^2 /NDF: 174.7/16

Left Out: -4.082 $\pm$ 0.949 χ^2 /NDF:6.5/1

Right Out: -4.732 $\pm$ 0.585 χ^2 /NDF: 189.7/18

Left In: -3.952 $\pm$ 1.042 χ^2 /NDF:1.4/1

Left: -4.023 $\pm$ 0.701 χ^2 /NDF: 8.0/3

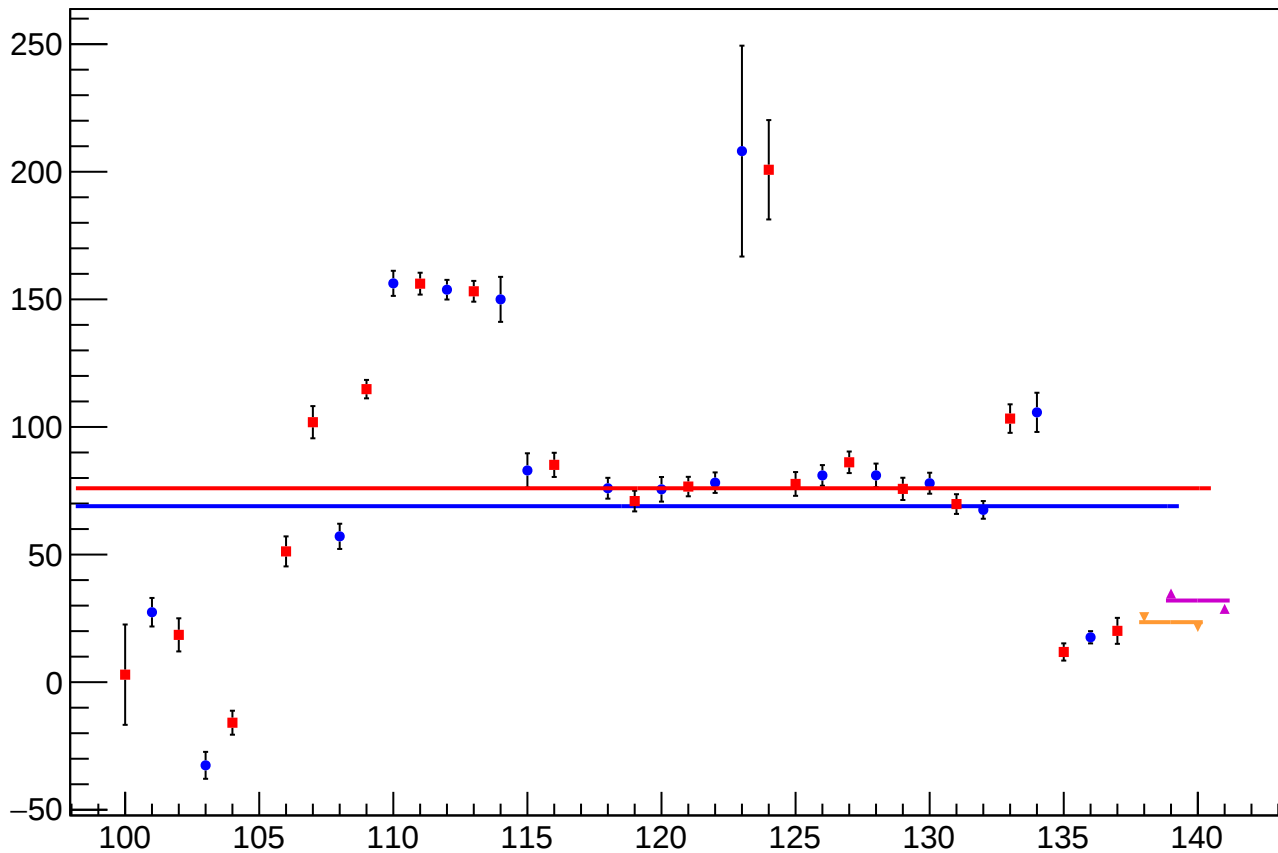
Right: -4.723 $\pm$ 0.412 χ^2 /NDF: 364.4/35

In: -4.533 $\pm$ 0.507 χ^2 /NDF:176.5/18

Out: -4.553 $\pm$ 0.498 χ^2 /NDF:196.6/20

All: -4.543 $\pm$ 0.355 χ^2 /NDF: 373.2/39

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: 23.516 $\pm$ 1.106 χ^2 /NDF: 3.0/1

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: 27.620 $\pm$ 0.794 χ^2 /NDF: 38.3/3

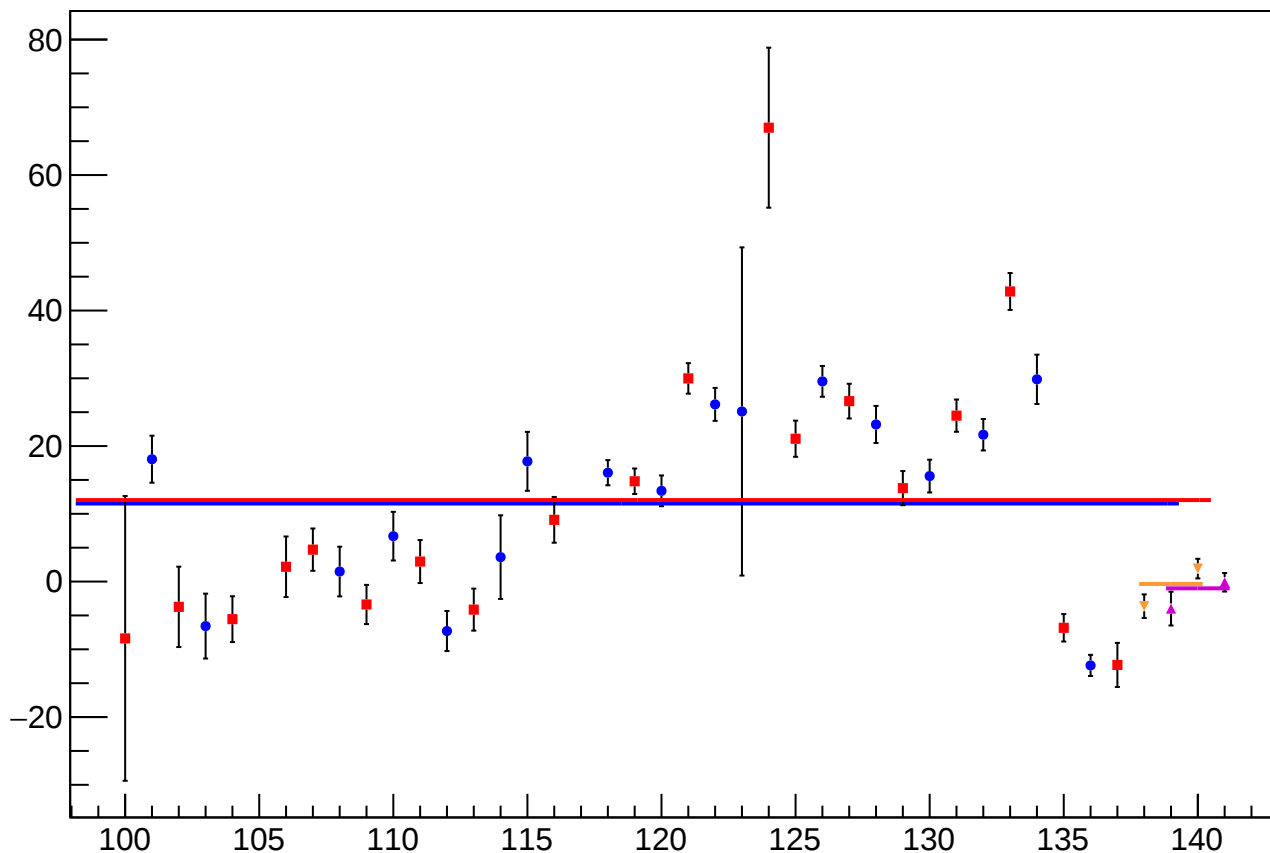
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 51.522 $\pm$ 0.784 χ^2 /NDF: 2404.6/18

Out: 50.632 $\pm$ 0.769 χ^2 /NDF: 3060.8/20

All: 51.068 $\pm$ 0.549 χ^2 /NDF: 5466.1/39

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: -0.353 $\pm$ 1.111 χ^2 /NDF:6.0/1

Right Out: 12.026 $\pm$ 0.664 χ^2 /NDF: 539.7/18

Left In: -1.000 $\pm$ 1.197 χ^2 /NDF:1.9/1

Left: -0.652 $\pm$ 0.815 χ^2 /NDF: 8.0/3

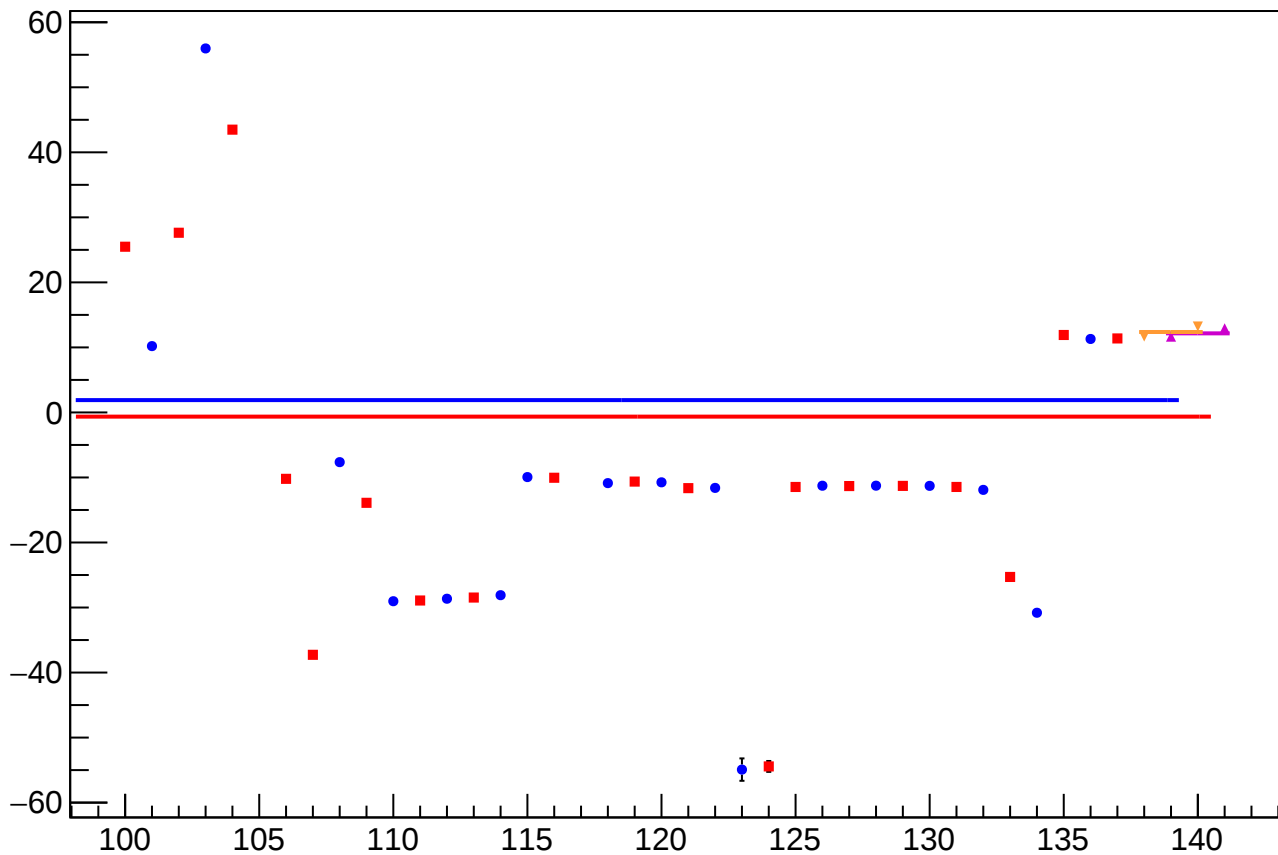
Right: 11.772 $\pm$ 0.468 χ^2 /NDF: 1017.2/35

In: 8.605 $\pm$ 0.578 χ^2 /NDF:562.9/18

Out: 8.768 $\pm$ 0.570 χ^2 /NDF:637.1/20

All: 8.687 $\pm$ 0.406 χ^2 /NDF: 1200.1/39

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 12.369 ± 0.045 χ^2/NDF : 285.1/1

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

Left In: 12.161 ± 0.043 χ^2/NDF : 216.0/1

Left: 12.258 ± 0.031 χ^2/NDF : 512.3/3

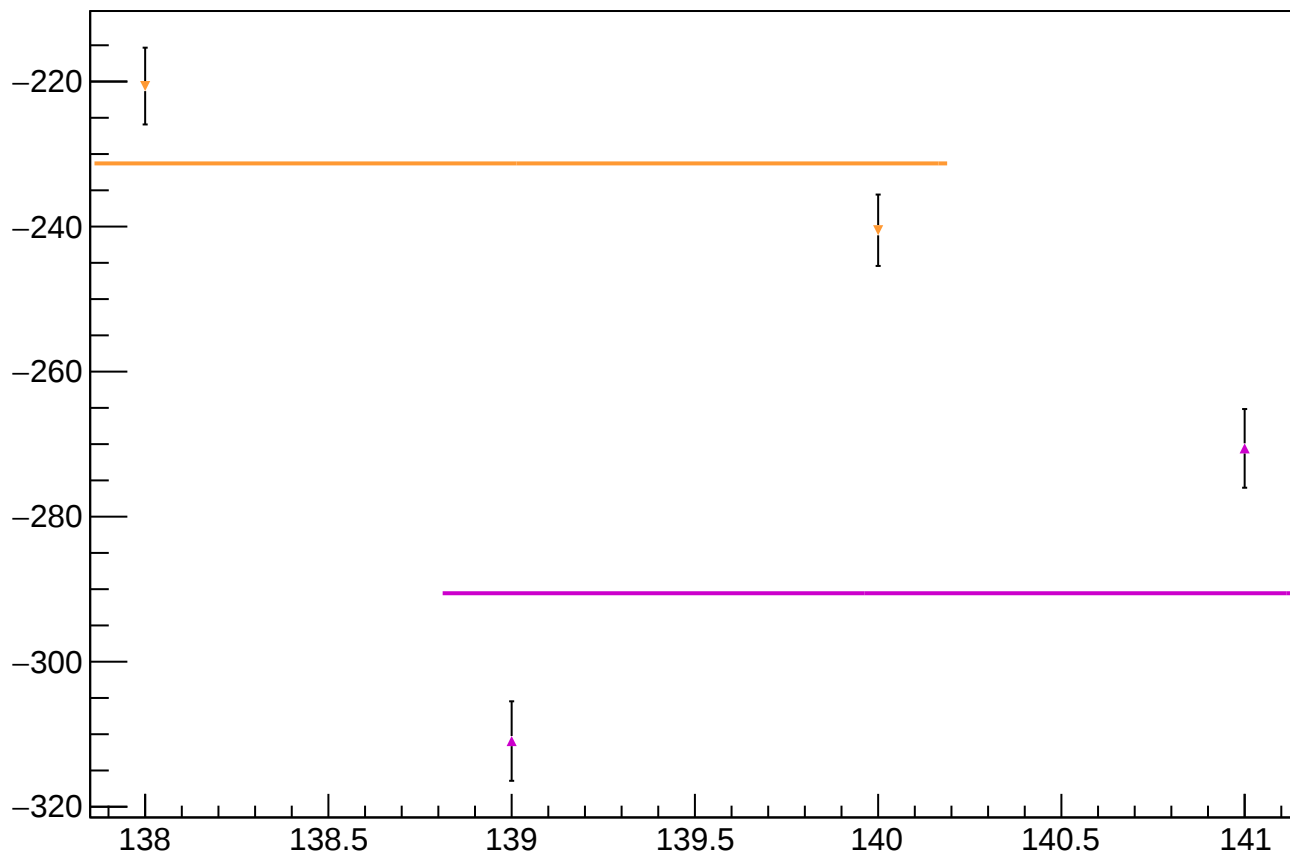
Right: 0.626 ± 0.026 χ^2/NDF : 722831.9/35

In: 6.312 ± 0.028 χ^2/NDF : 392105.8/18

Out: 4.562 ± 0.029 χ^2/NDF : 411260.5/20

All: 5.460 ± 0.020 χ^2/NDF : 805274.4/39

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: -231.291+/-3.604 χ^2 /NDF:7.6/1

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: -258.930+/-2.633 χ^2 /NDF: 161.0/3

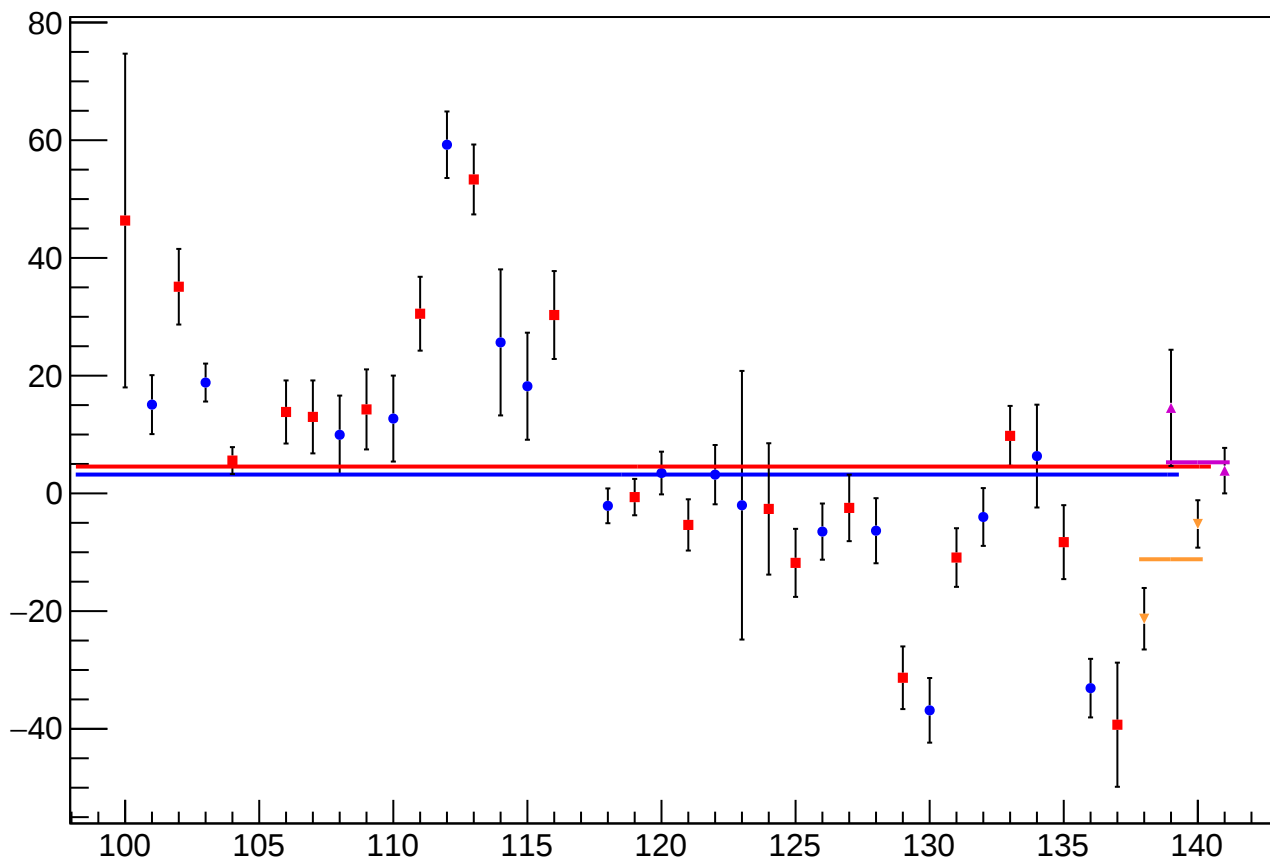
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -290.560+/-3.856 χ^2 /NDF:27.4/1

Out: -231.291+/-3.604 χ^2 /NDF:7.6/1

All: -258.930+/-2.633 χ^2 /NDF: 161.0/3

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: -11.190 ± 3.189 $\chi^2/\text{NDF}: 6.0/1$

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: -3.941 ± 2.387 $\chi^2/\text{NDF}: 18.7/3$

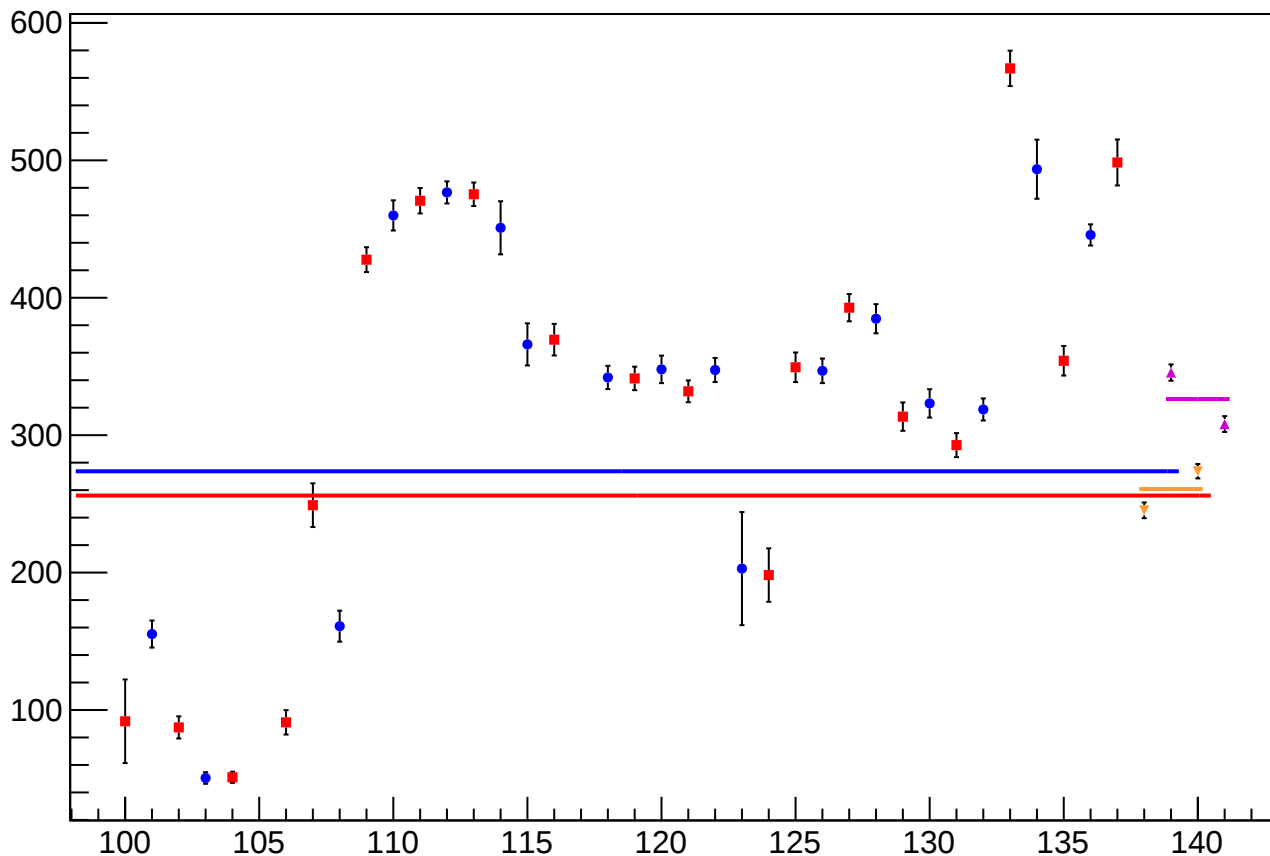
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 3.417 ± 1.162 $\chi^2/\text{NDF}: 256.5/18$

Out: 2.725 ± 1.088 $\chi^2/\text{NDF}: 251.4/20$

All: 3.048 ± 0.794 $\chi^2/\text{NDF}: 508.1/39$

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: 260.834 $\pm$ 3.869 χ^2 /NDF:13.4/1

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: 291.379 $\pm$ 2.826 χ^2 /NDF: 167.5/3

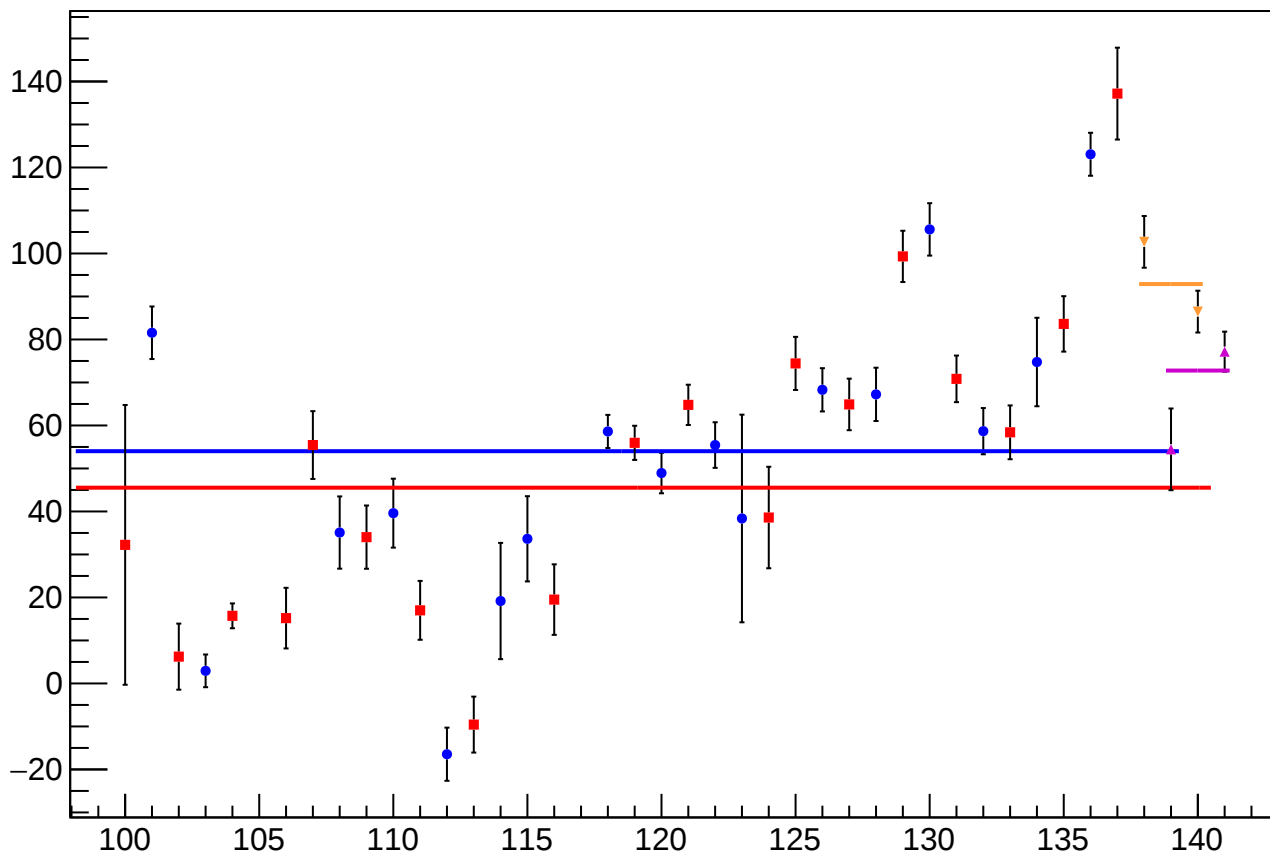
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 285.264 $\pm$ 1.939 χ^2 /NDF:5249.9/18

Out: 257.125 $\pm$ 1.831 χ^2 /NDF:6455.7/20

All: 270.394 $\pm$ 1.331 χ^2 /NDF: 11816.9/39

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: 92.888 $\pm$ 3.781 χ^2 /NDF:4.4/1

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: 83.834 $\pm$ 2.804 χ^2 /NDF: 21.8/3

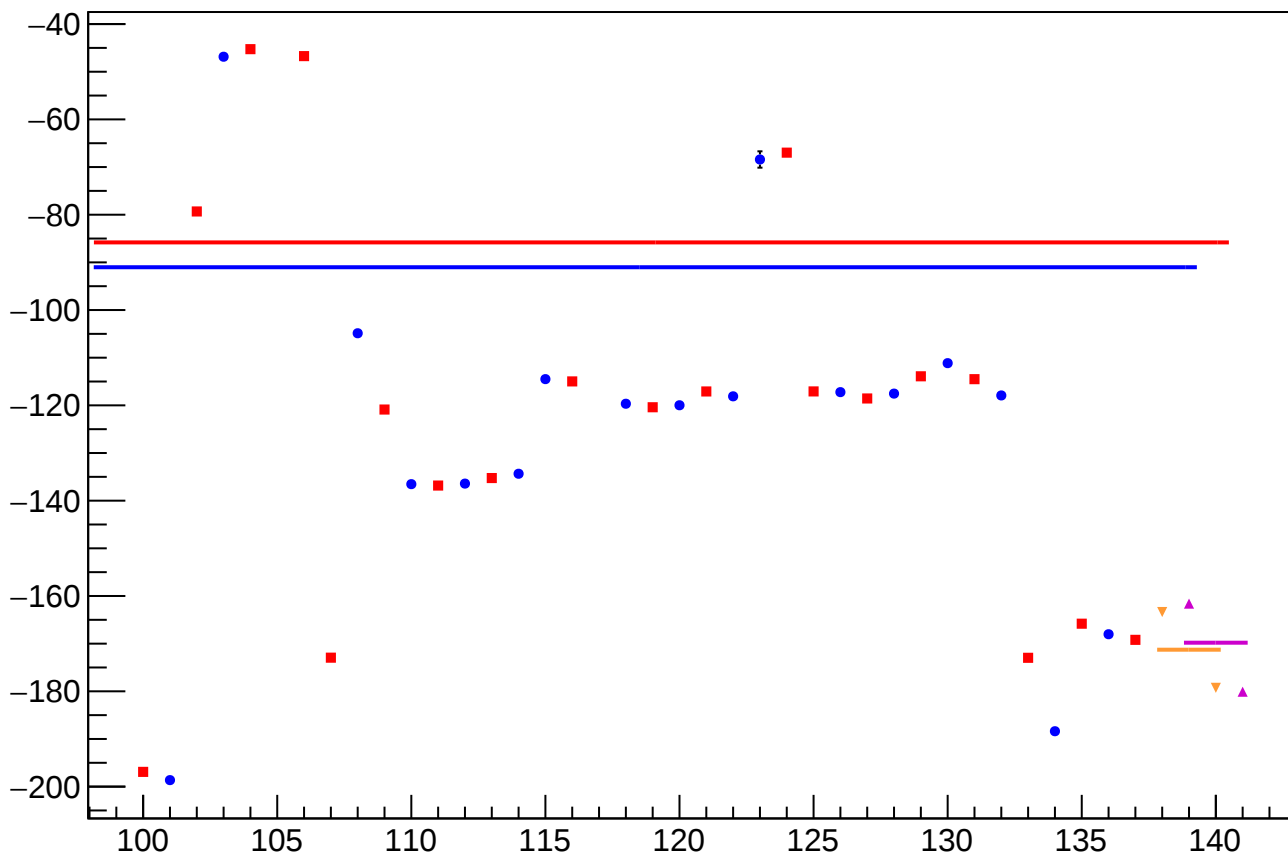
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 55.964 $\pm$ 1.347 χ^2 /NDF:655.5/18

Out: 50.935 $\pm$ 1.277 χ^2 /NDF:670.2/20

All: 53.316 $\pm$ 0.927 χ^2 /NDF: 1333.0/39

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: -171.270+/-0.162 χ^2/NDF : 2418.6/1

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: -170.508+/-0.112 χ^2/NDF : 5933.3/3

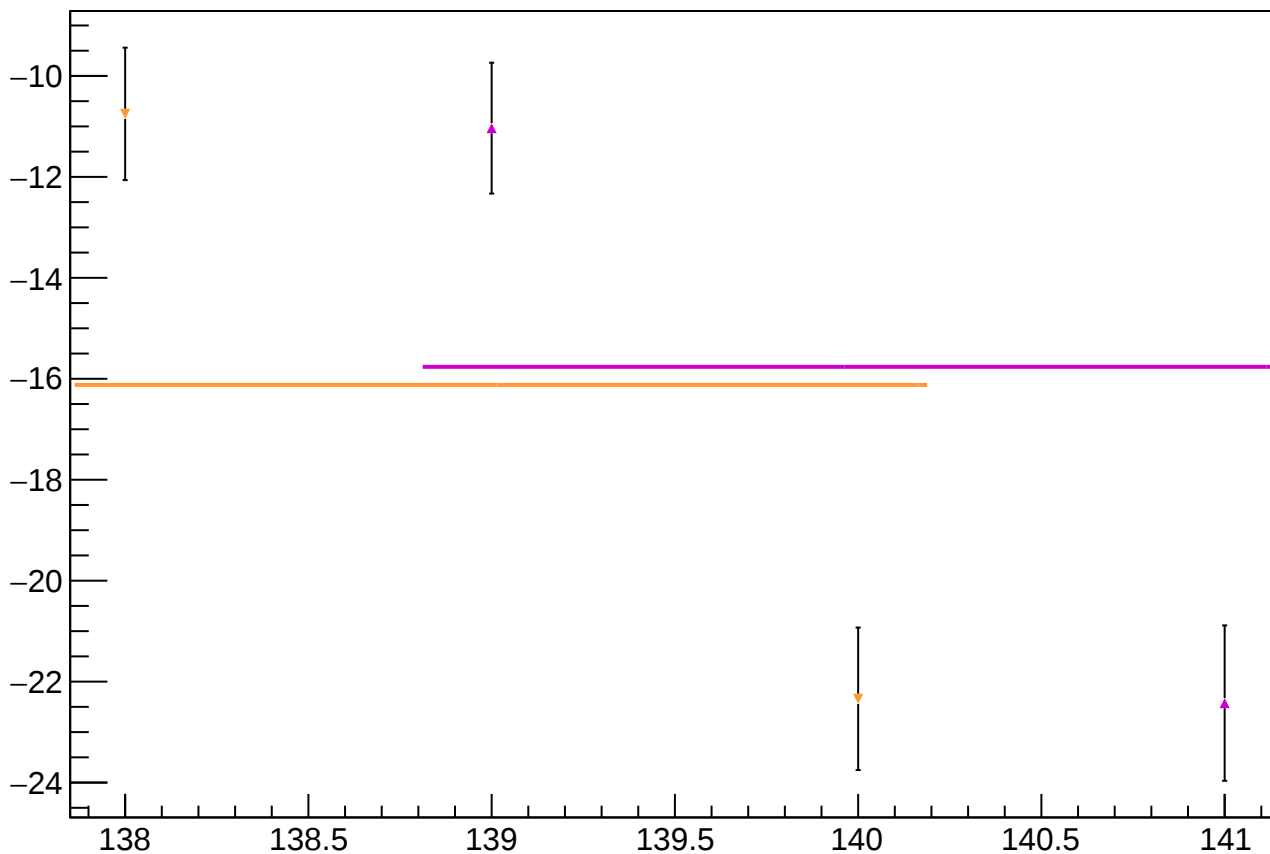
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -103.492+/-0.062 χ^2/NDF : 752845.5/18

Out: -97.707+/-0.060 χ^2/NDF : 738759.5/20

All: -100.520+/-0.043 χ^2/NDF : 1496077.9/39

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: -16.121+/-0.961 χ^2/NDF :36.2/1

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: -15.948+/-0.690 χ^2/NDF : 68.3/3

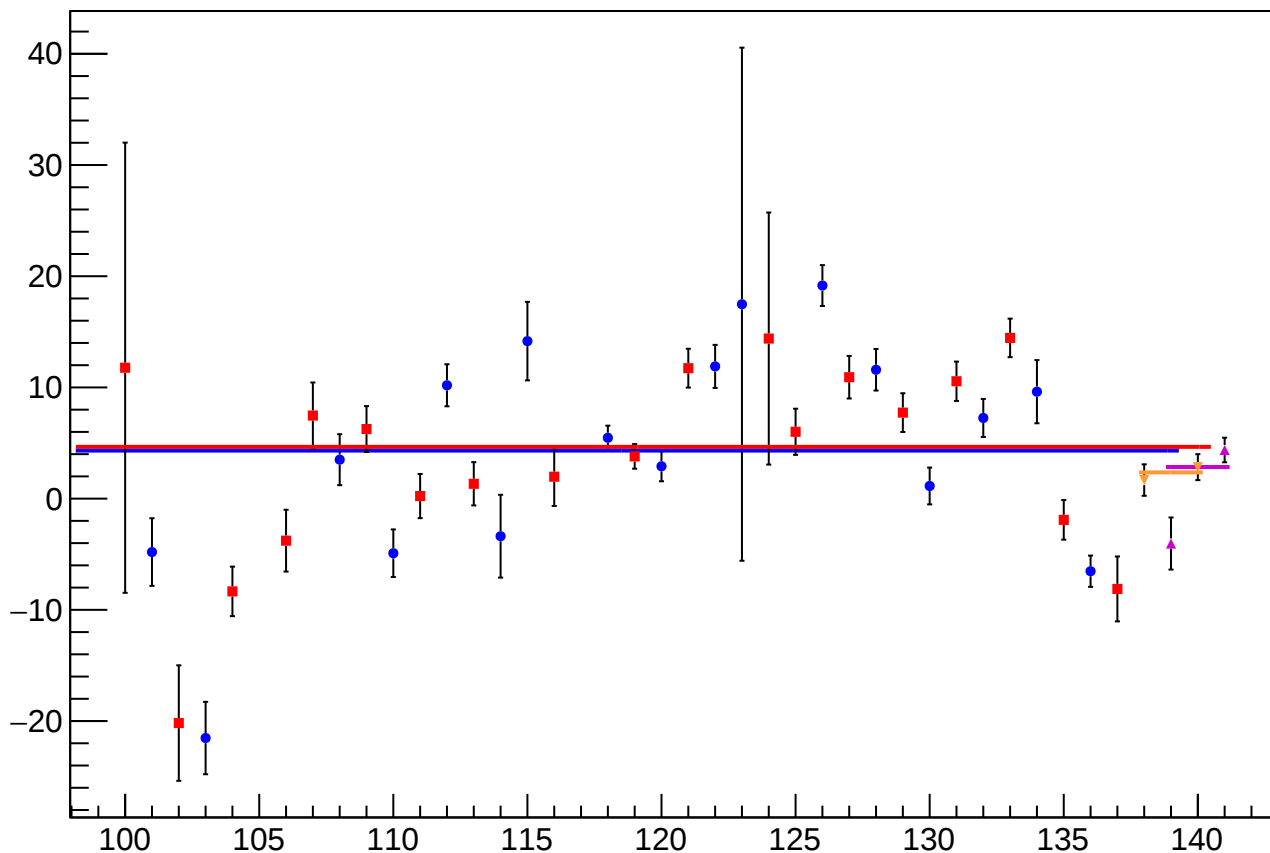
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.763+/-0.992 χ^2/NDF :32.0/1

Out: -16.121+/-0.961 χ^2/NDF :36.2/1

All: -15.948+/-0.690 χ^2/NDF : 68.3/3

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 2.361 ± 0.900 χ^2/NDF : 0.4/1

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: 2.844 ± 0.999 χ^2/NDF : 10.5/1

Left: 2.578 ± 0.669 χ^2/NDF : 11.1/3

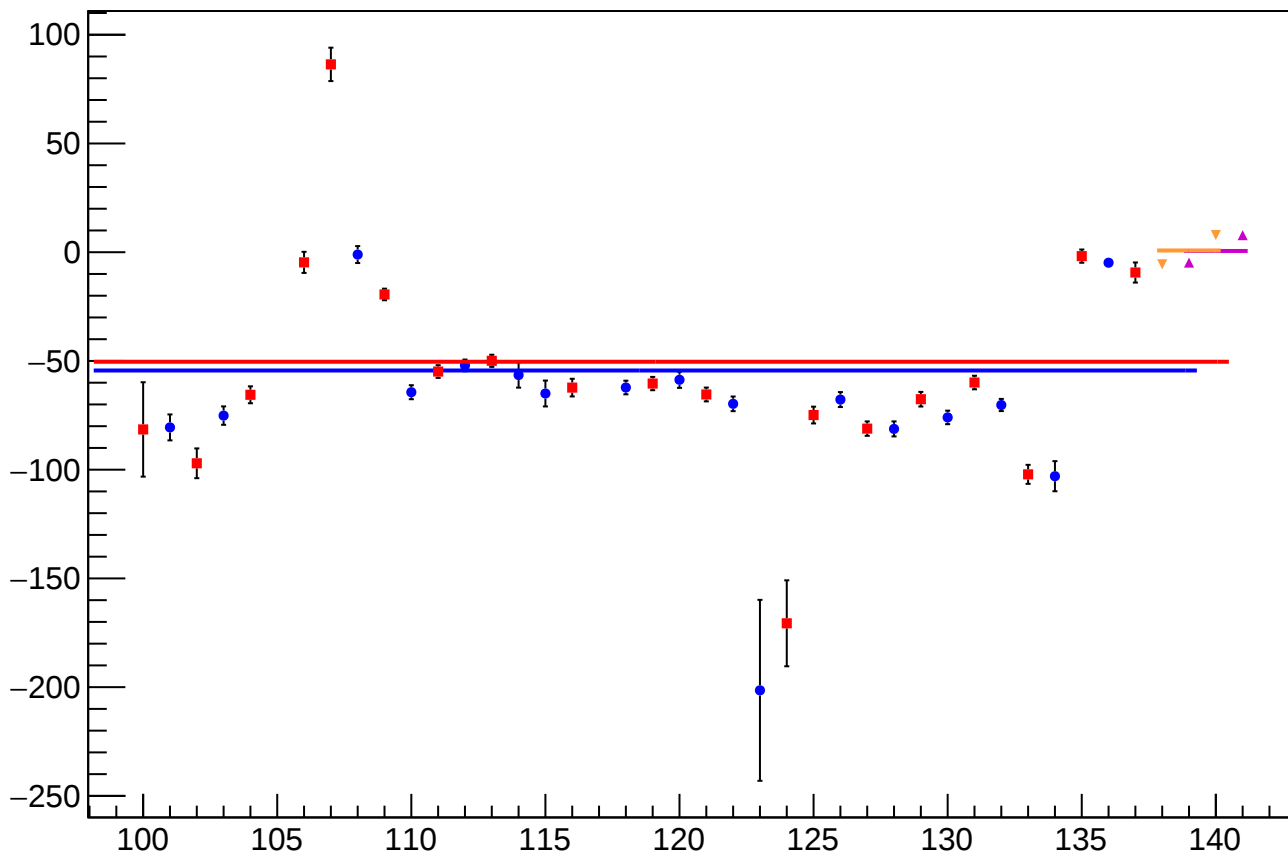
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 4.058 ± 0.422 χ^2/NDF : 292.7/18

Out: 4.159 ± 0.419 χ^2/NDF : 190.0/20

All: 4.109 ± 0.297 χ^2/NDF : 482.7/39

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 χ^2/NDF : 1014.0/16

Left Out: 0.800 ± 1.034 χ^2/NDF : 42.4/1

Right Out: -50.364 ± 0.858 χ^2/NDF : 1321.3/18

Left In: 0.576 ± 1.066 χ^2/NDF : 34.2/1

Left: 0.691 ± 0.742 χ^2/NDF : 76.6/3

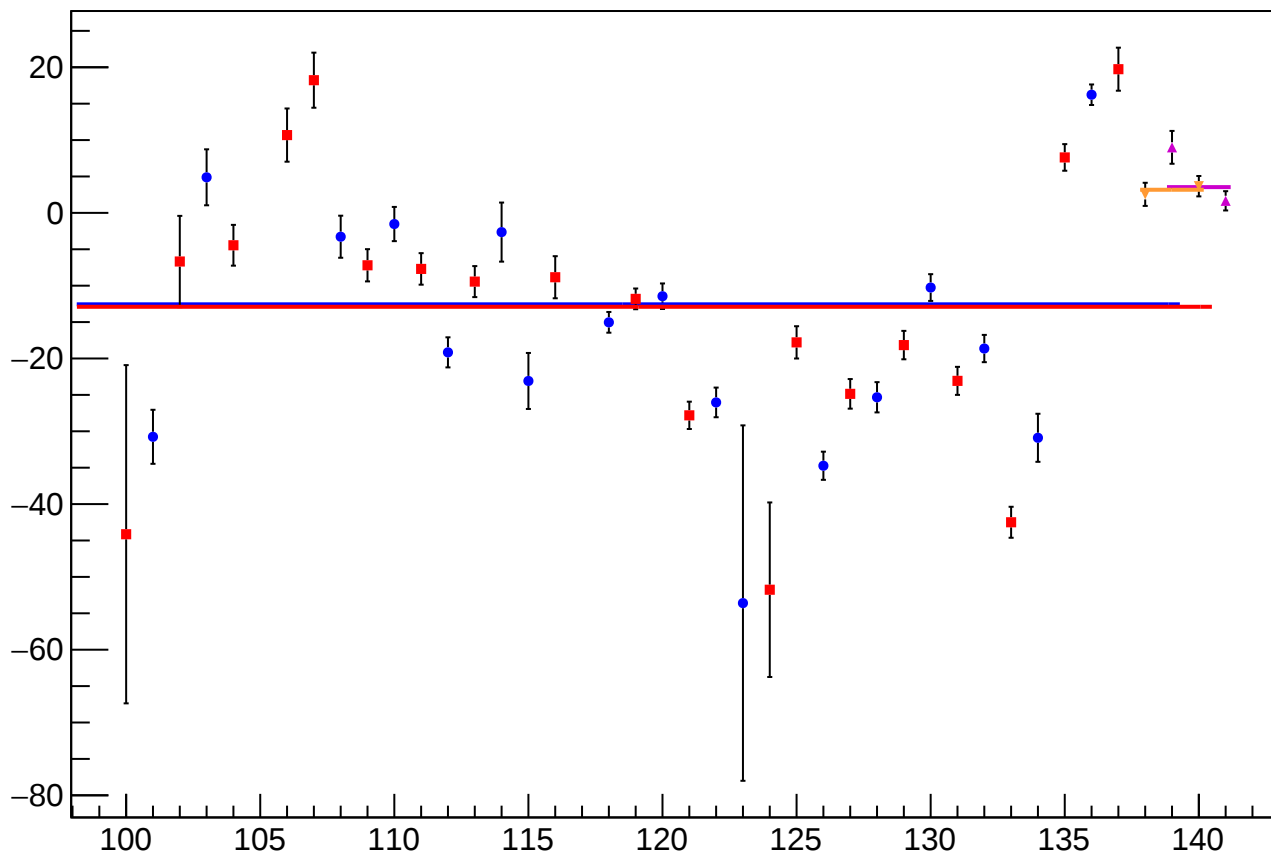
Right: -52.360 ± 0.609 χ^2/NDF : 2346.2/35

In: -32.571 ± 0.671 χ^2/NDF : 2652.6/18

Out: -29.501 ± 0.660 χ^2/NDF : 2815.1/20

All: -31.010 ± 0.471 χ^2/NDF : 5478.3/39

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: 3.176 ± 1.050 χ^2/NDF : 0.3/1

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: 3.342 ± 0.773 χ^2/NDF : 8.2/3

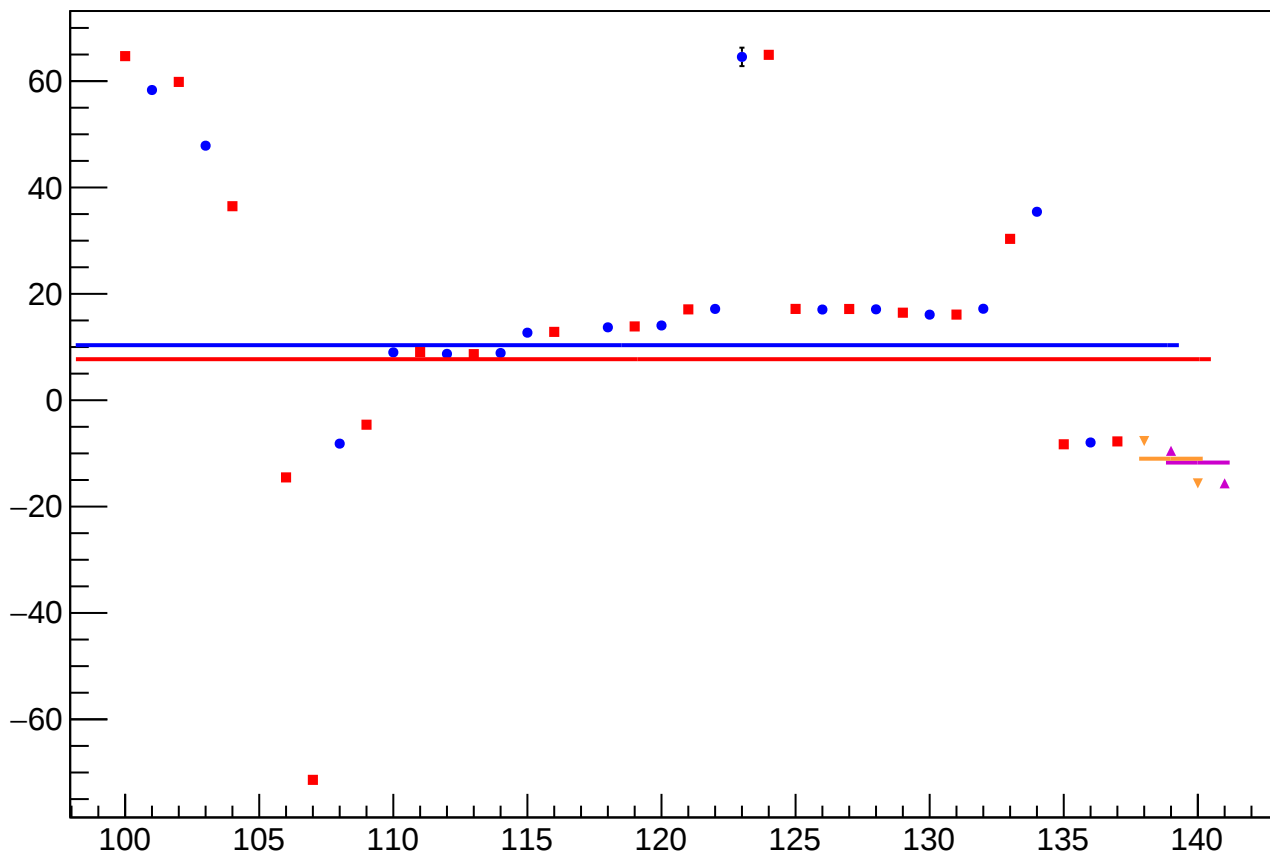
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -9.695 ± 0.482 χ^2/NDF : 950.7/18

Out: -9.557 ± 0.479 χ^2/NDF : 914.2/20

All: -9.625 ± 0.340 χ^2/NDF : 1864.9/39

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: -10.995+/-0.042 χ^2/NDF :8669.3/1

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: -11.381+/-0.029 χ^2/NDF : 14329.0/3

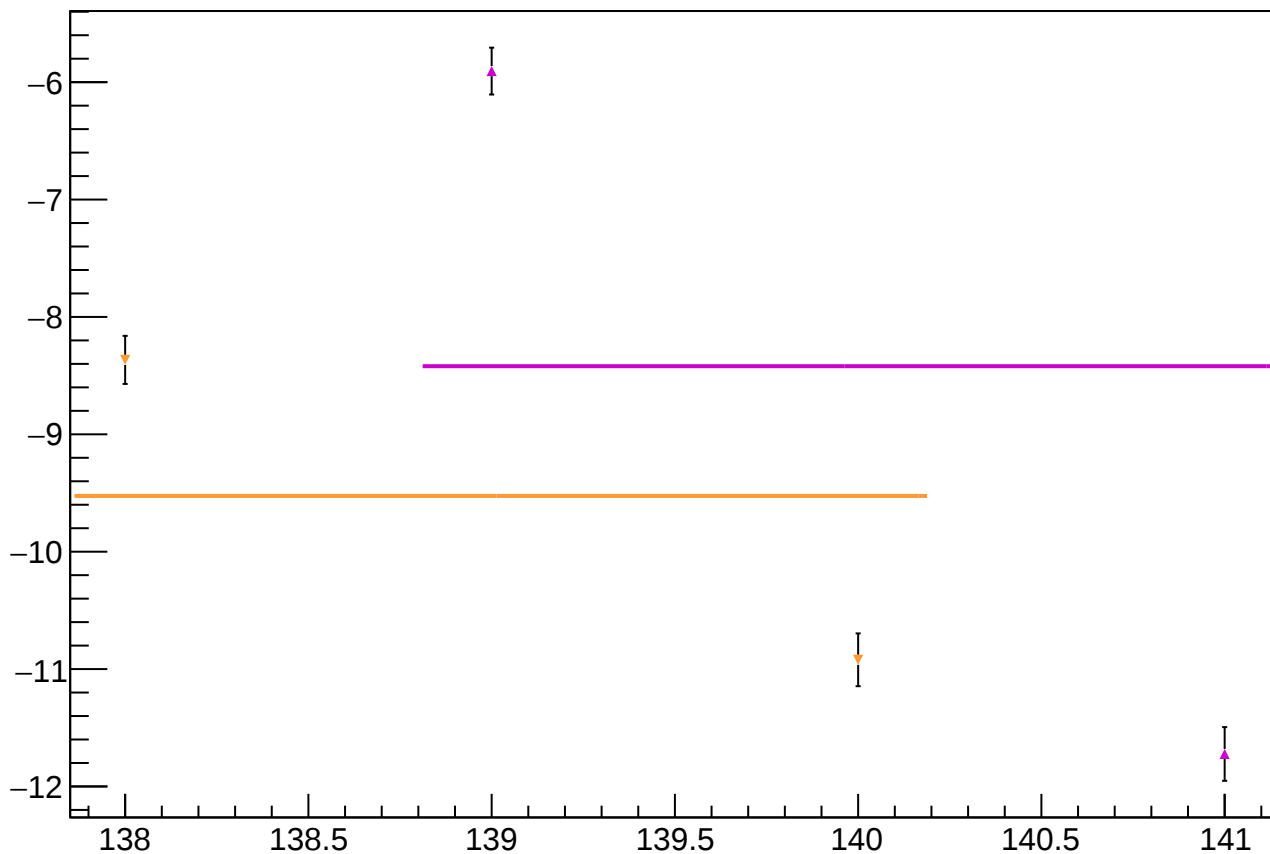
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: 2.101+/-0.024 χ^2/NDF :581071.1/18

Out: 1.077+/-0.025 χ^2/NDF :680773.4/20

All: 1.608+/-0.017 χ^2/NDF : 1262707.0/39

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: -9.525+/-0.151 χ^2 /NDF: 70.6/1

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: -8.969+/-0.107 χ^2 /NDF: 464.6/3

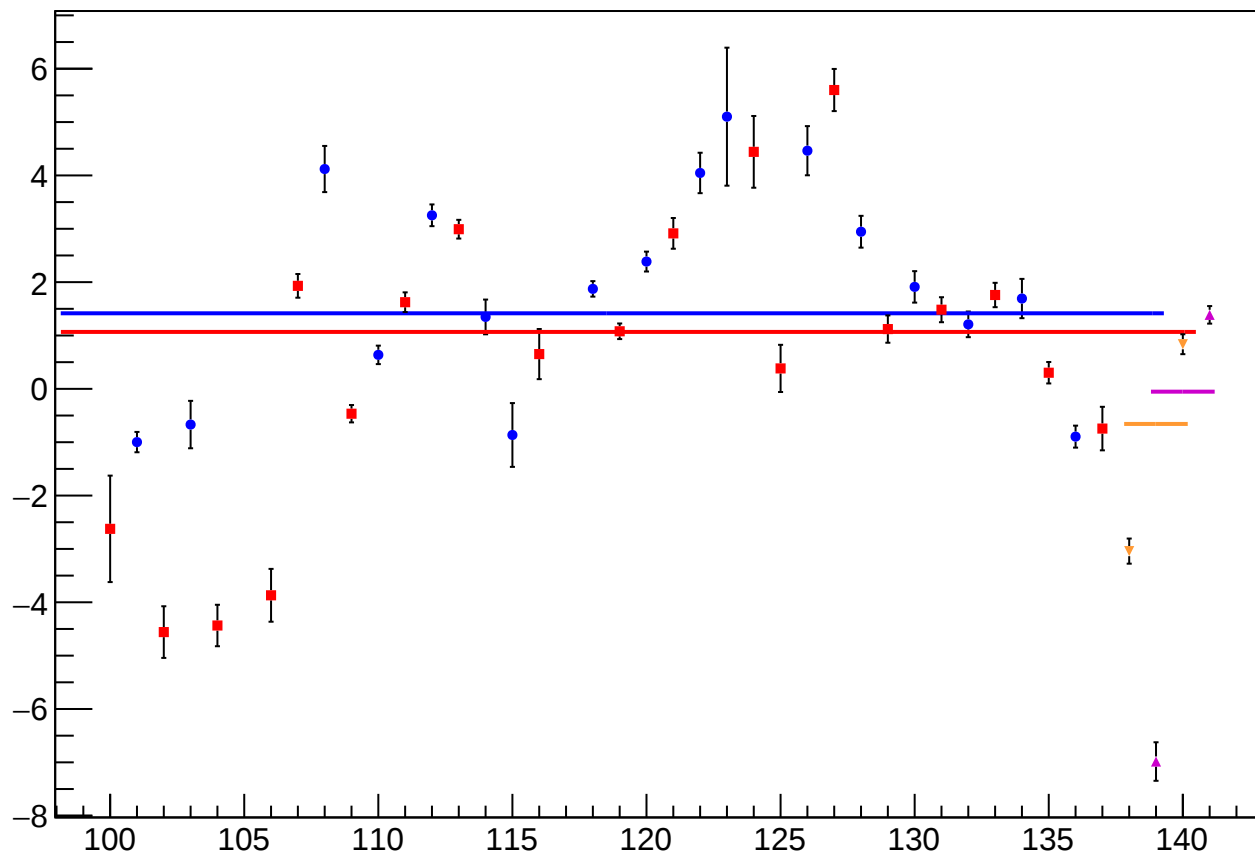
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -8.420+/-0.150 χ^2 /NDF: 367.2/1

Out: -9.525+/-0.151 χ^2 /NDF: 70.6/1

All: -8.969+/-0.107 χ^2 /NDF: 464.6/3

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: -0.658 ± 0.146 χ^2/NDF : 166.7/1

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: -0.053 ± 0.150 χ^2/NDF : 445.2/1

Left: -0.362 ± 0.105 χ^2/NDF : 620.3/3

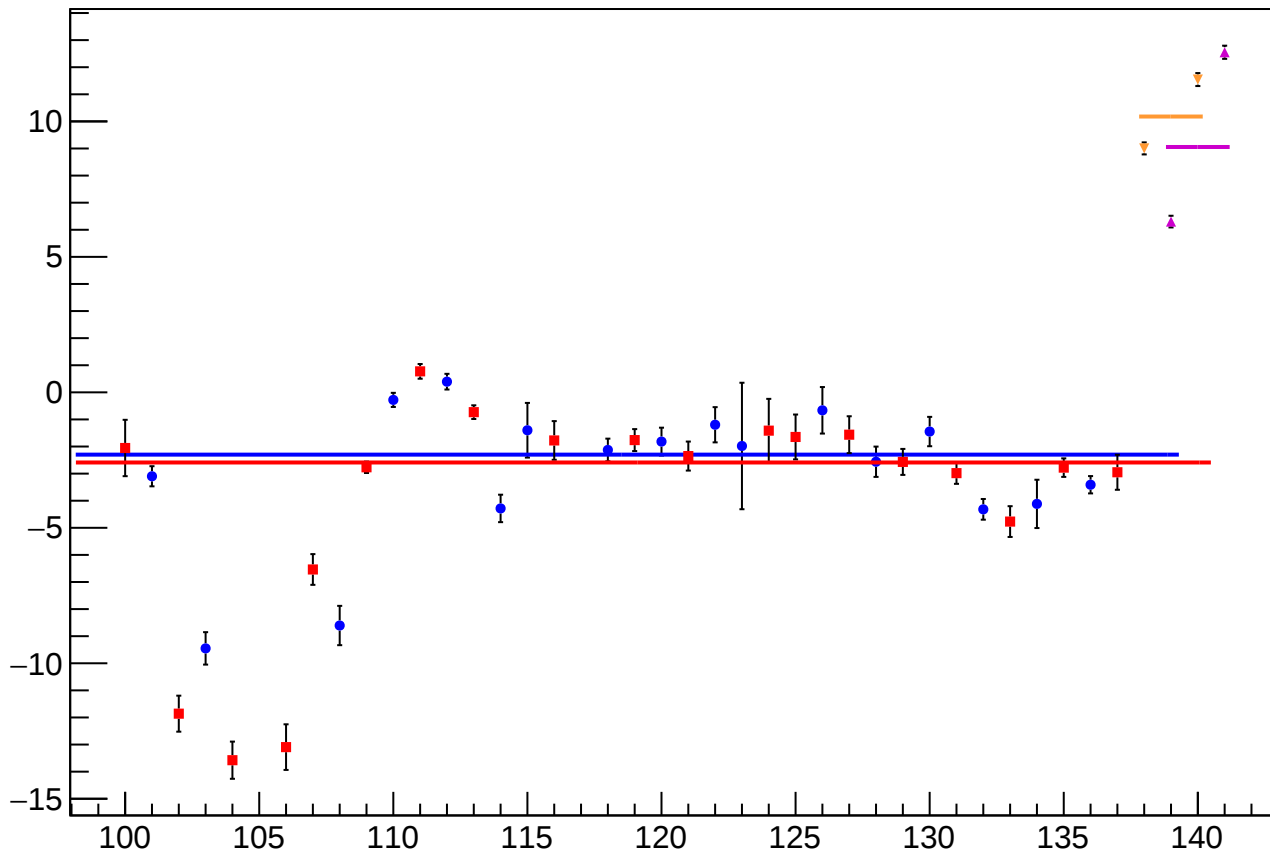
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.206 ± 0.057 χ^2/NDF : 1158.8/18

Out: 0.832 ± 0.054 χ^2/NDF : 1216.9/20

All: 1.010 ± 0.039 χ^2/NDF : 2398.6/39

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: 10.180 +/- 0.163 χ^2/NDF : 60.4/1

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: 9.612 +/- 0.115 χ^2/NDF : 453.6/3

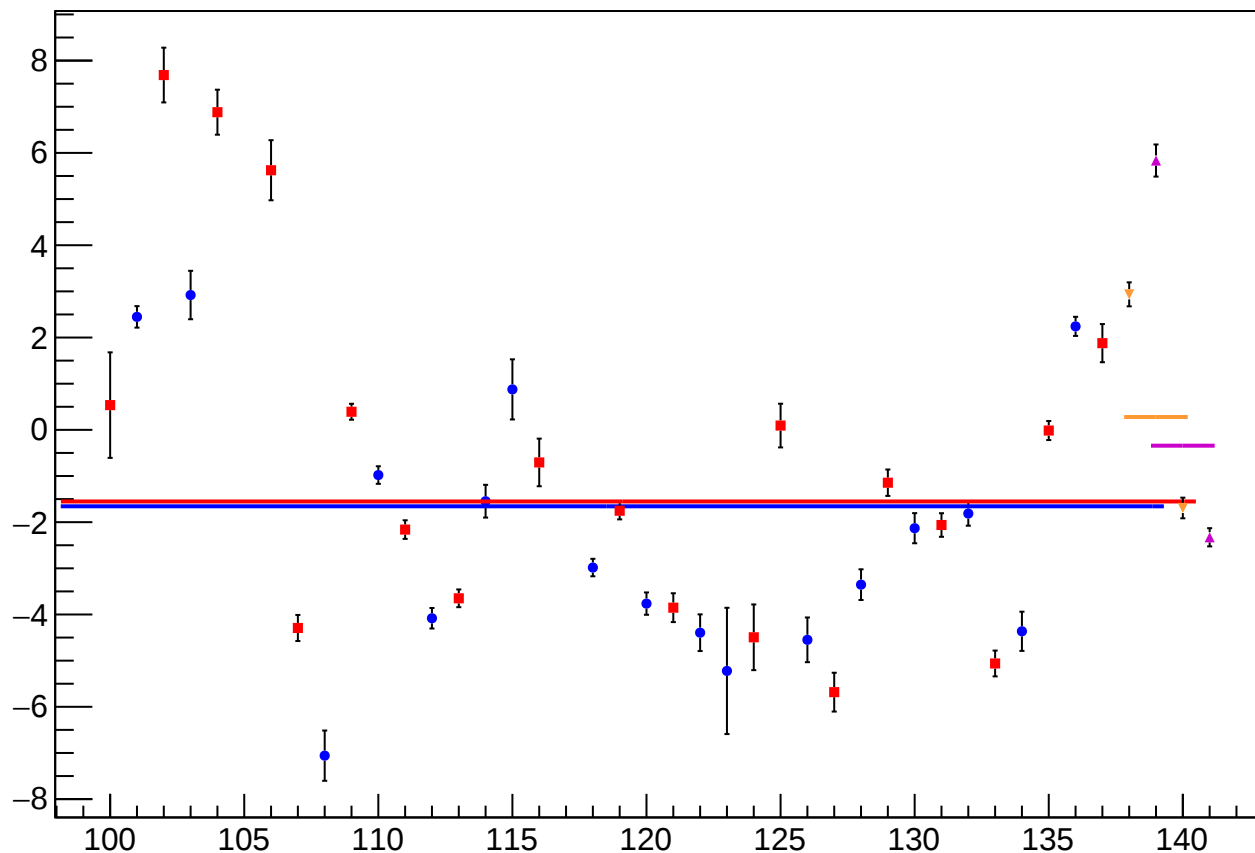
Right: -2.461 +/- 0.074 χ^2/NDF : 1333.7/35

In: 1.337 +/- 0.091 χ^2/NDF : 4169.8/18

Out: 0.842 +/- 0.085 χ^2/NDF : 5437.1/20

All: 1.070 +/- 0.062 χ^2/NDF : 9622.6/39

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: 0.278 ± 0.169 χ^2/NDF : 182.3/1

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -0.343 ± 0.172 χ^2/NDF : 416.6/1

Left: -0.029 ± 0.121 χ^2/NDF : 605.6/3

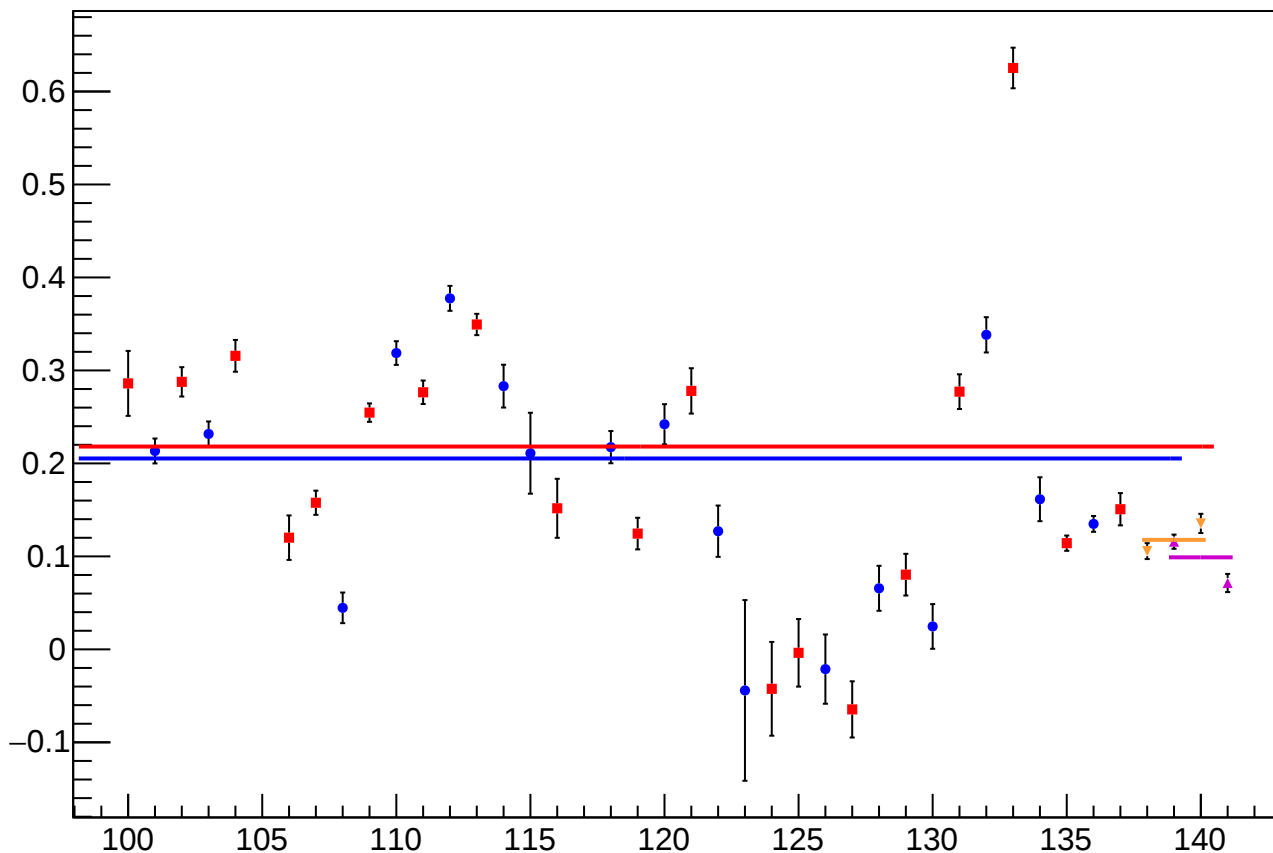
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.467 ± 0.065 χ^2/NDF : 1737.9/18

Out: -1.313 ± 0.061 χ^2/NDF : 1771.7/20

All: -1.385 ± 0.045 χ^2/NDF : 3512.6/39

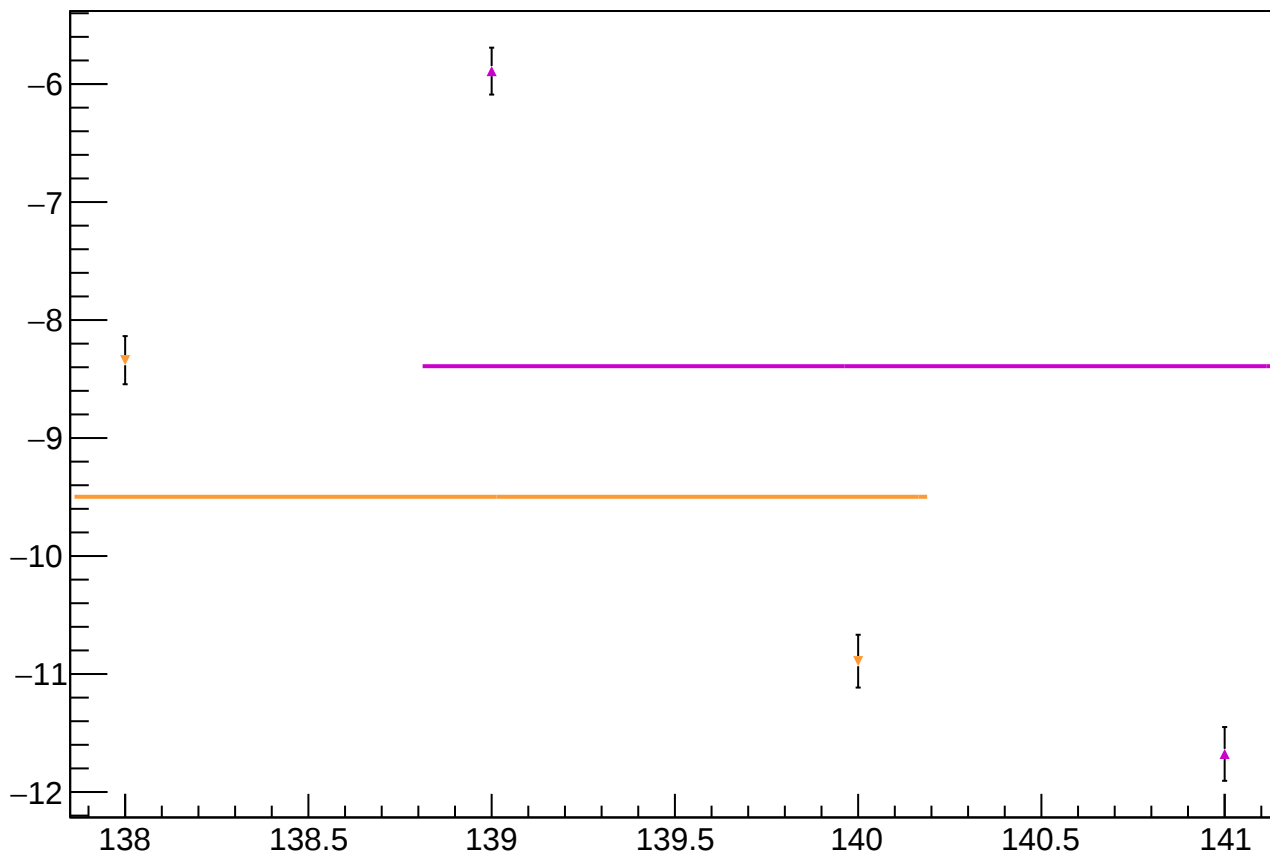
reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2/NDF : 620.5/16
 Left Out: 0.118 $\pm$ 0.007 χ^2/NDF :4.9/1
 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: 0.108 $\pm$ 0.004 χ^2/NDF : 22.2/3
 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: 0.194 $\pm$ 0.003 χ^2/NDF :1205.0/20
 All: 0.183 $\pm$ 0.002 χ^2/NDF : 2074.6/39

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: -9.498+/-0.151 χ^2/NDF : 71.0/1

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: -8.941+/-0.106 χ^2/NDF : 464.6/3

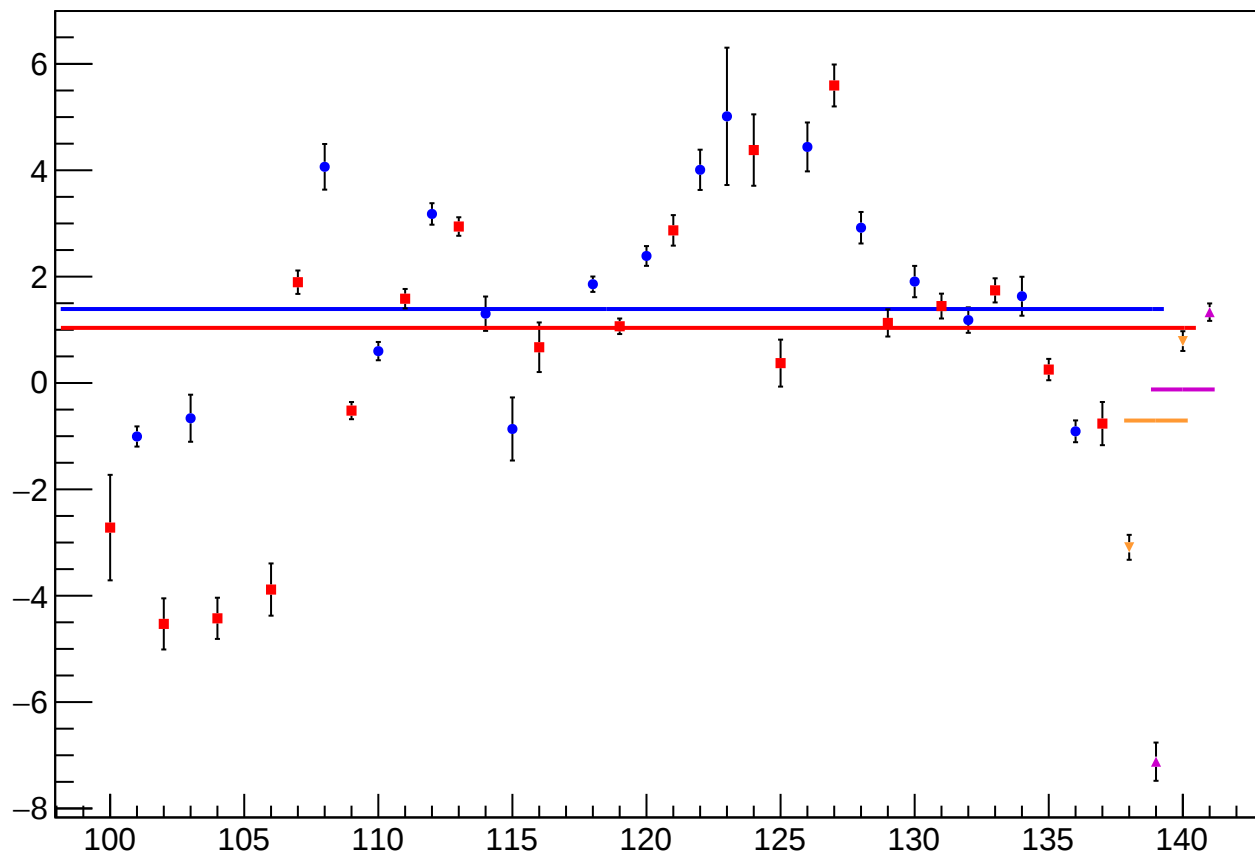
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.391+/-0.150 χ^2/NDF : 366.5/1

Out: -9.498+/-0.151 χ^2/NDF : 71.0/1

All: -8.941+/-0.106 χ^2/NDF : 464.6/3

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: -0.706 ± 0.145 χ^2/NDF : 168.3/1

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: -0.421 ± 0.104 χ^2/NDF : 633.9/3

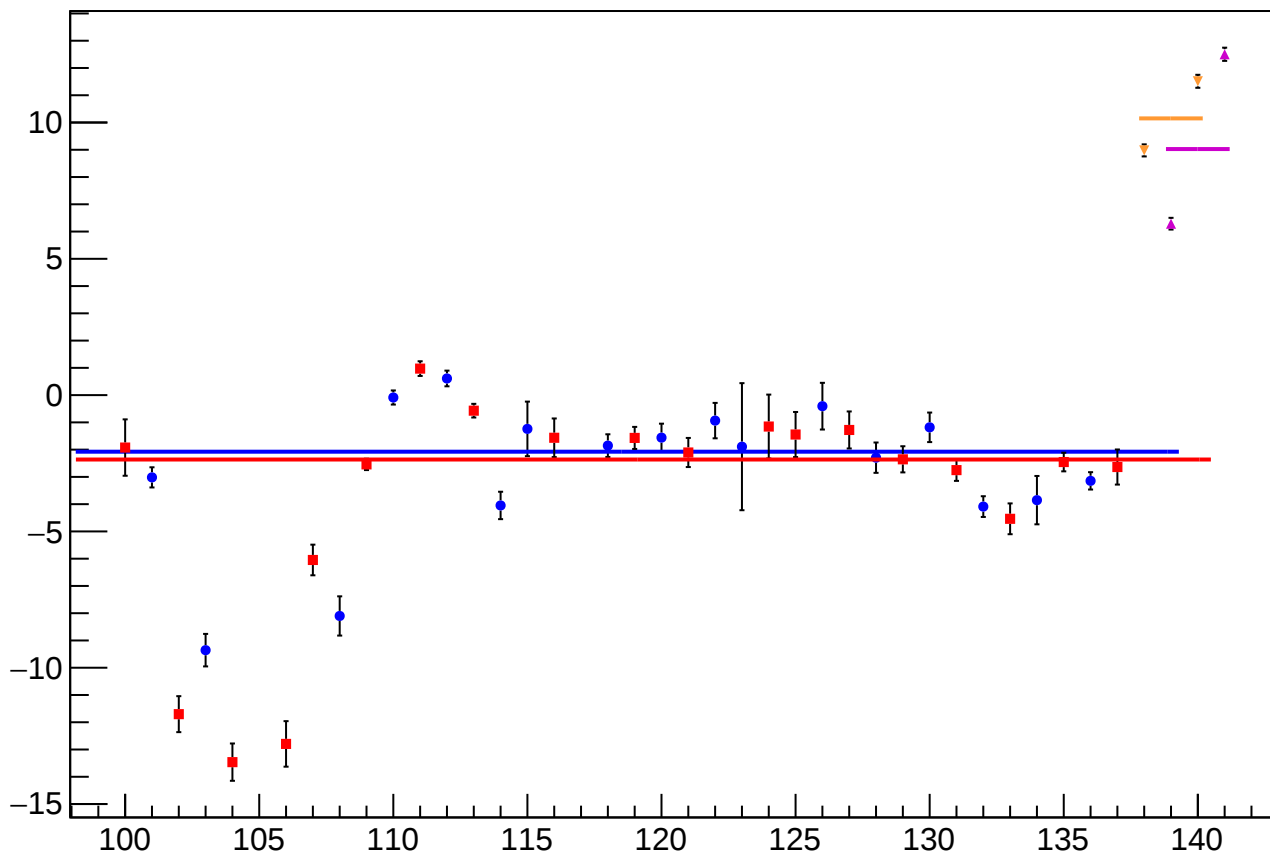
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.175 ± 0.056 χ^2/NDF : 1175.1/18

Out: 0.799 ± 0.054 χ^2/NDF : 1226.3/20

All: 0.978 ± 0.039 χ^2/NDF : 2424.7/39

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: 10.151 ± 0.162 χ^2/NDF : 60.7/1

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: 9.583 ± 0.114 χ^2/NDF : 453.1/3

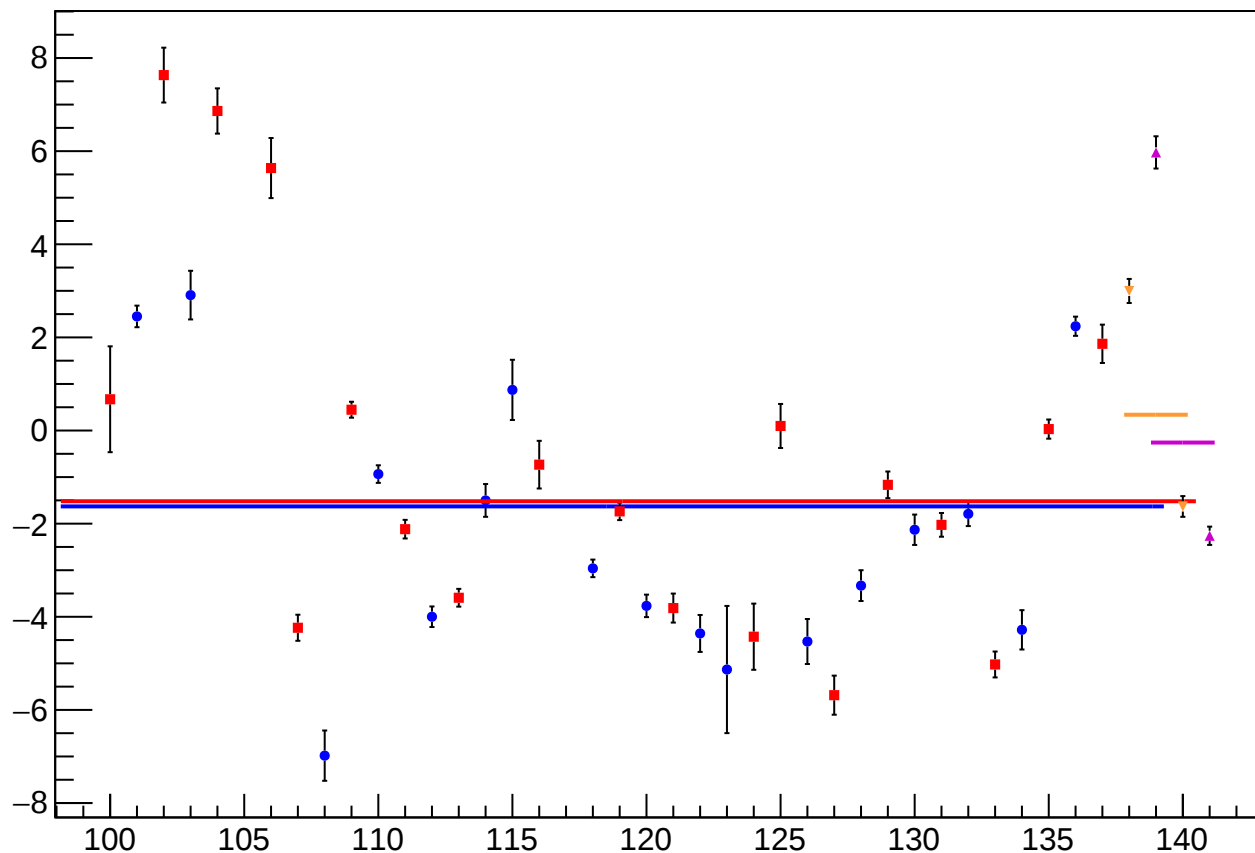
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 1.476 ± 0.091 χ^2/NDF : 4052.3/18

Out: 0.996 ± 0.084 χ^2/NDF : 5303.2/20

All: 1.217 ± 0.062 χ^2/NDF : 9370.5/39

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: 0.339 ± 0.169 χ^2/NDF : 183.9/1

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: 0.044 ± 0.120 χ^2/NDF : 617.7/3

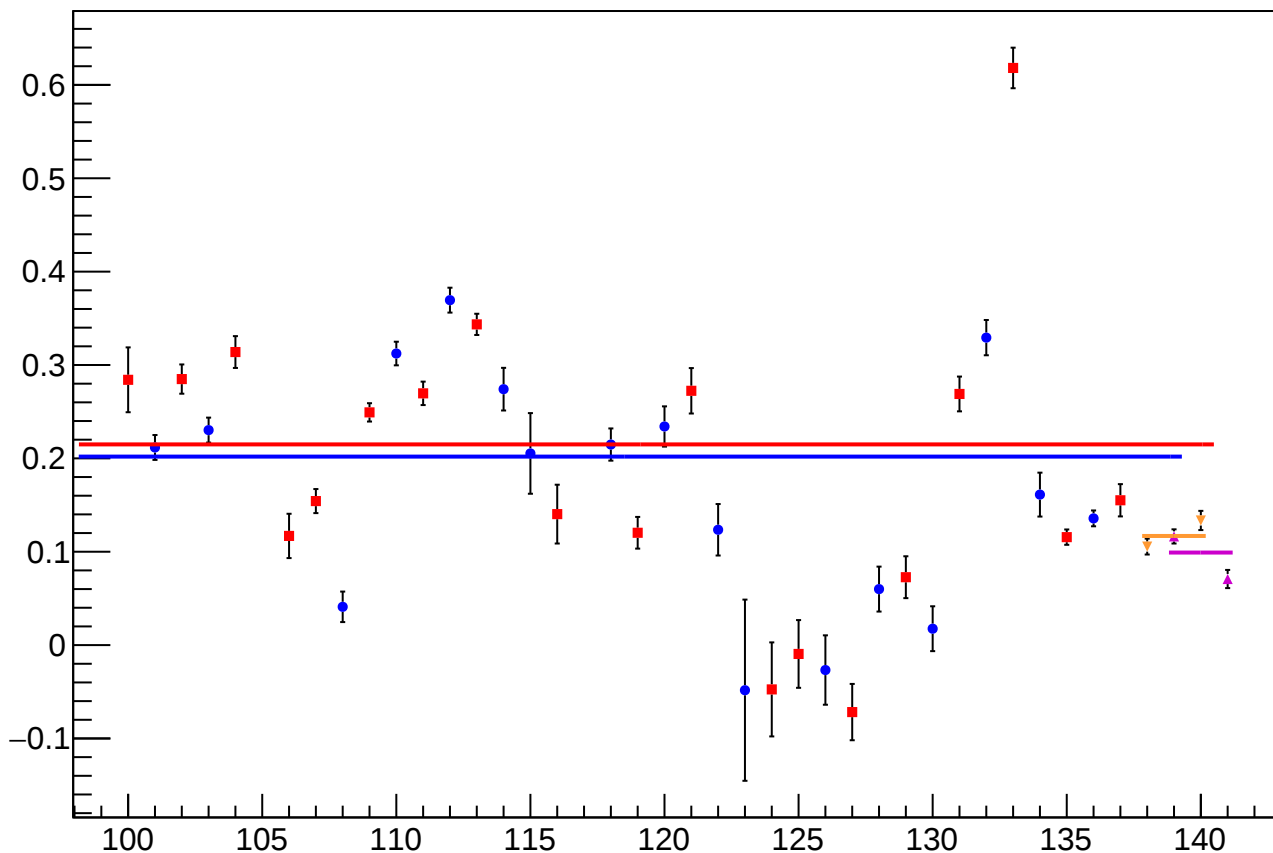
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.432 ± 0.065 χ^2/NDF : 1749.1/18

Out: -1.277 ± 0.061 χ^2/NDF : 1781.3/20

All: -1.349 ± 0.044 χ^2/NDF : 3533.4/39

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.117 ± 0.007 χ^2/NDF : 4.4/1

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.099 ± 0.006 χ^2/NDF : 13.7/1

Left: 0.107 ± 0.004 χ^2/NDF : 22.0/3

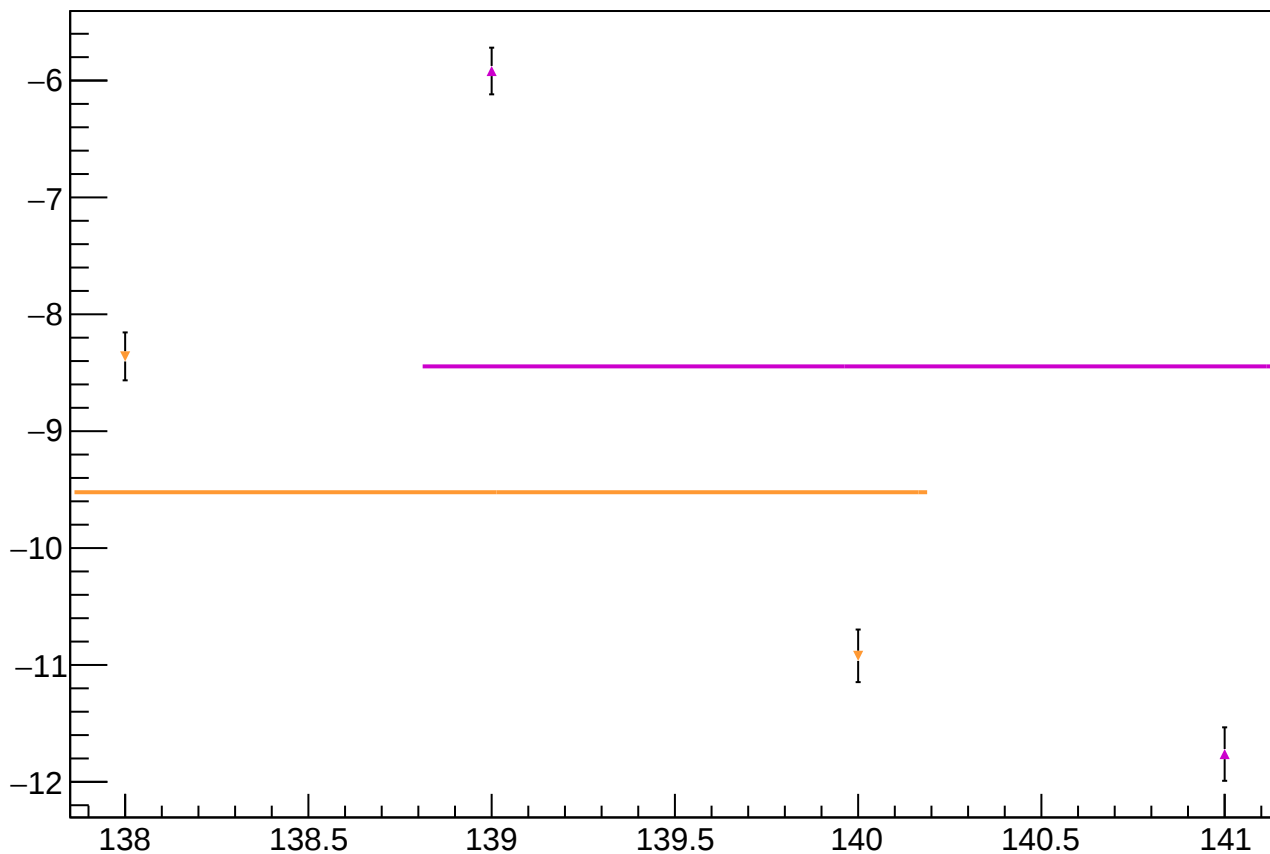
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.169 ± 0.003 χ^2/NDF : 818.3/18

Out: 0.192 ± 0.003 χ^2/NDF : 1180.4/20

All: 0.181 ± 0.002 χ^2/NDF : 2022.3/39

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: -9.522+/-0.152 χ^2/NDF : 70.9/1

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: -8.980+/-0.107 χ^2/NDF : 466.9/3

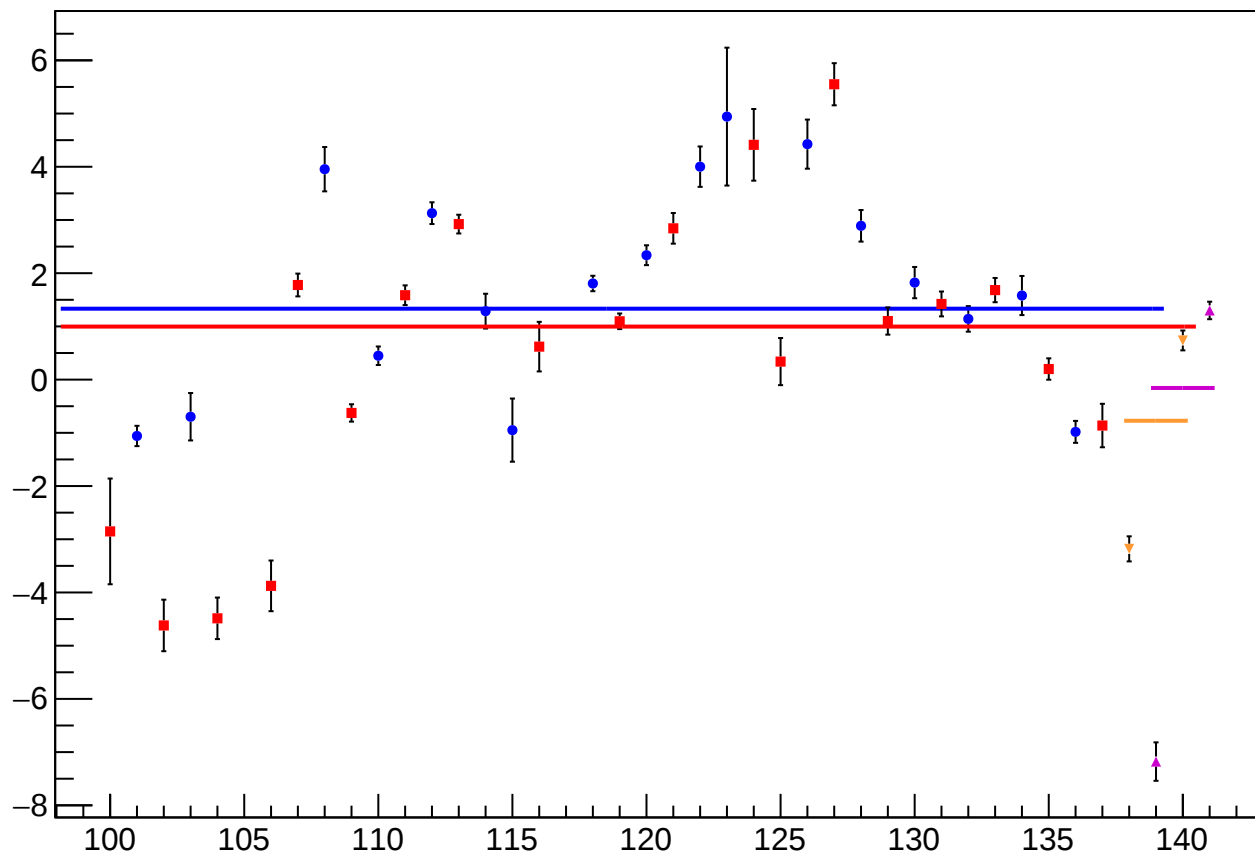
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.446+/-0.150 χ^2/NDF : 370.6/1

Out: -9.522+/-0.152 χ^2/NDF : 70.9/1

All: -8.980+/-0.107 χ^2/NDF : 466.9/3

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: -0.773 ± 0.146 χ^2/NDF : 169.9/1

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: -0.157 ± 0.150 χ^2/NDF : 456.4/1

Left: -0.472 ± 0.105 χ^2/NDF : 635.1/3

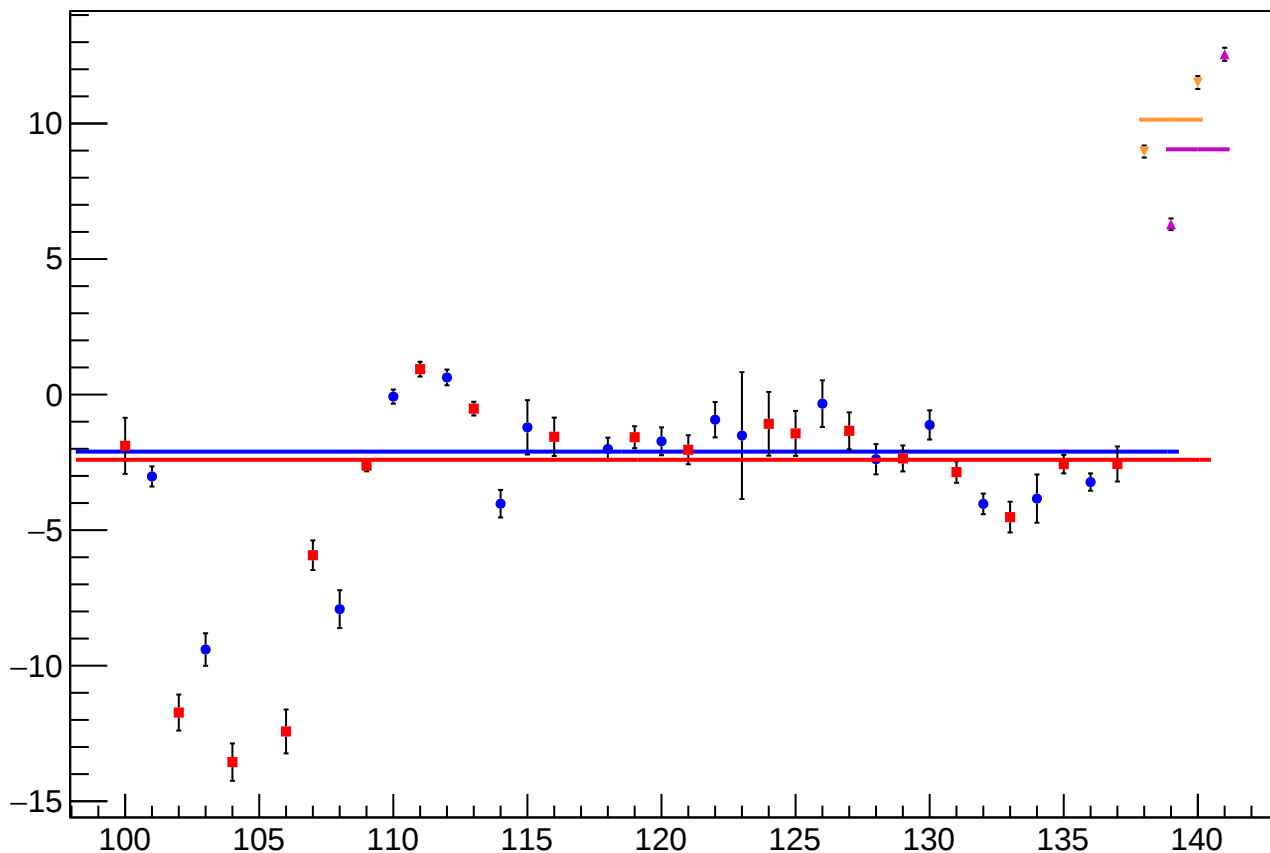
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.120 ± 0.057 χ^2/NDF : 1175.9/18

Out: 0.756 ± 0.054 χ^2/NDF : 1241.9/20

All: 0.929 ± 0.039 χ^2/NDF : 2439.4/39

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: 10.144 ± 0.163 χ^2/NDF : 60.5/1

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: 9.590 ± 0.115 χ^2/NDF : 455.1/3

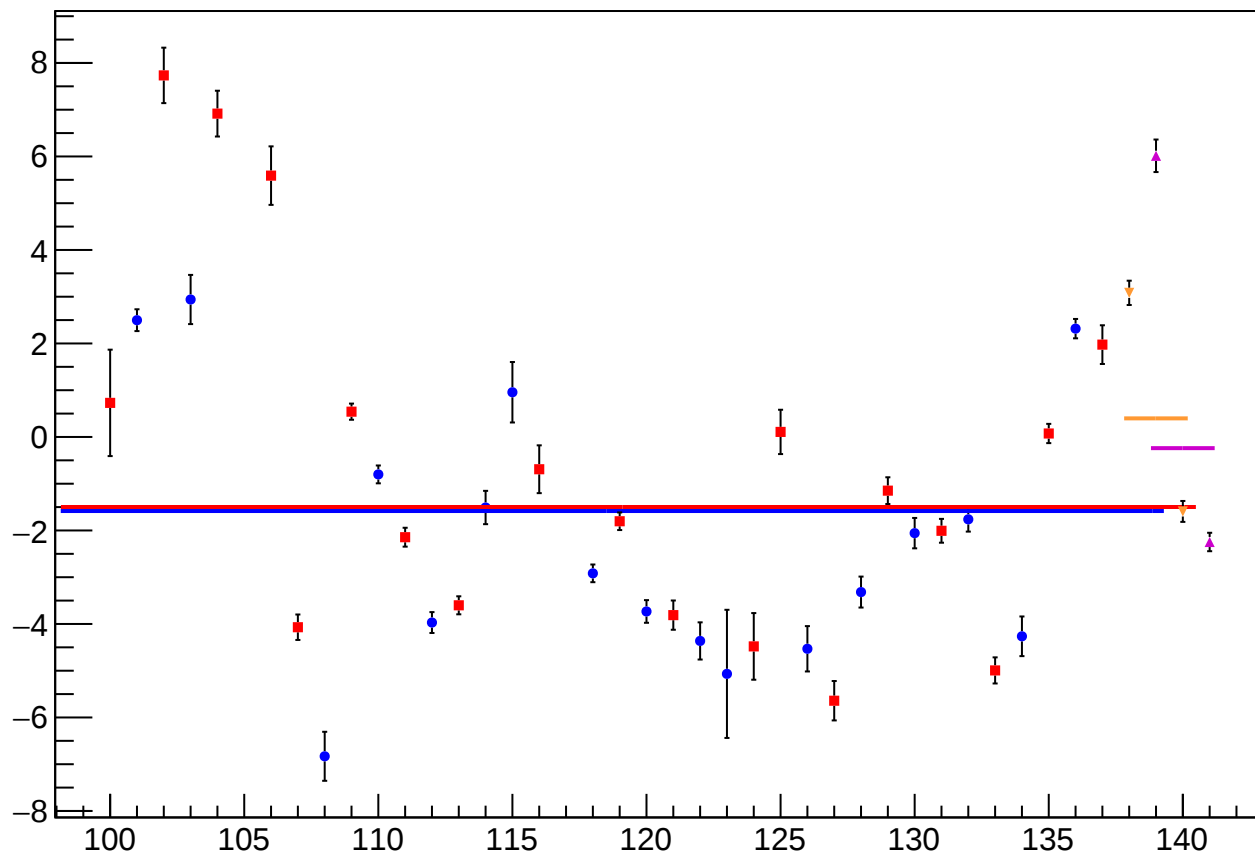
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 1.468 ± 0.091 χ^2/NDF : 4052.0/18

Out: 0.962 ± 0.084 χ^2/NDF : 5278.3/20

All: 1.196 ± 0.062 χ^2/NDF : 9346.8/39

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: 0.397 ± 0.170 $\chi^2/\text{NDF}: 185.8/1$

Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$

Left In: -0.239 ± 0.172 $\chi^2/\text{NDF}: 426.7/1$

Left: 0.083 ± 0.121 $\chi^2/\text{NDF}: 619.6/3$

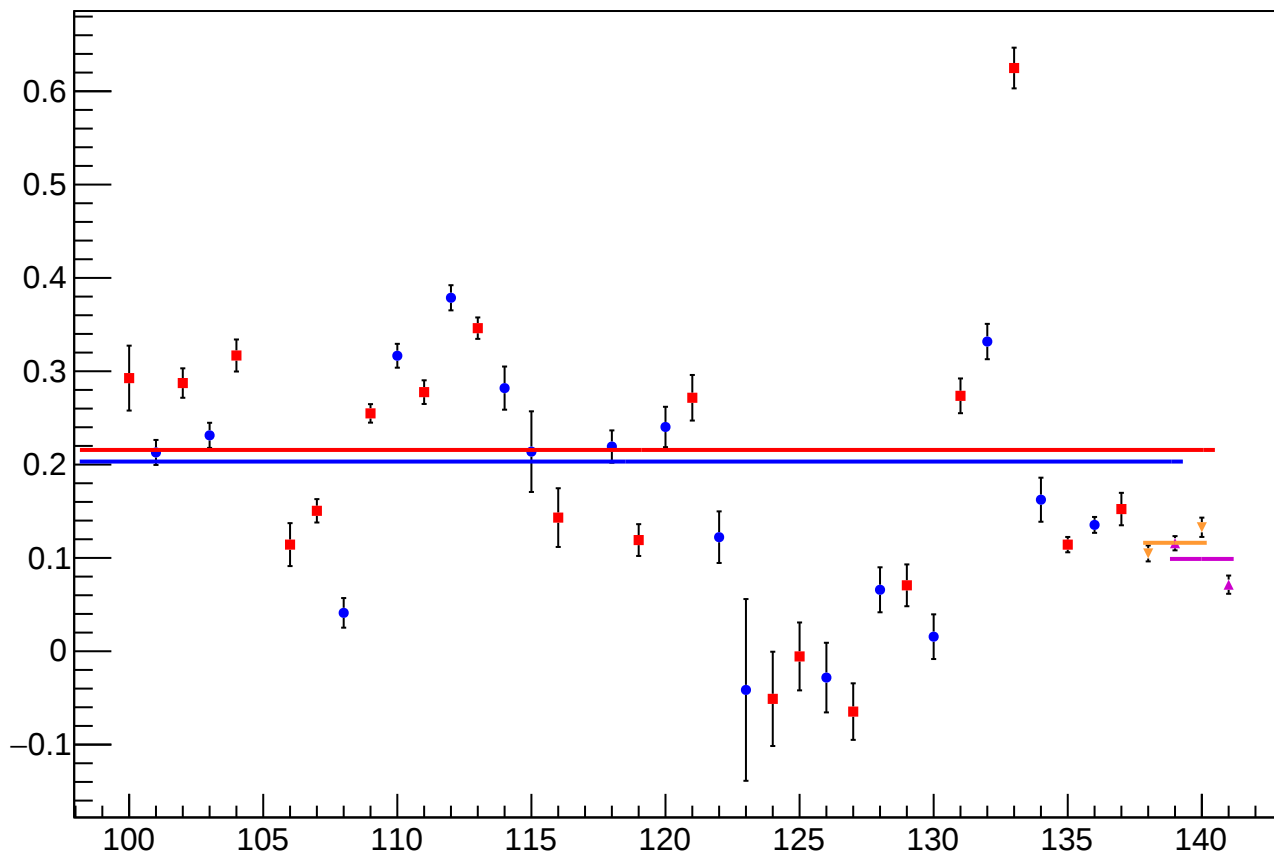
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -1.390 ± 0.065 $\chi^2/\text{NDF}: 1751.5/18$

Out: -1.252 ± 0.061 $\chi^2/\text{NDF}: 1798.3/20$

All: -1.317 ± 0.045 $\chi^2/\text{NDF}: 3552.2/39$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.116 ± 0.007 χ^2/NDF : 4.4/1

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.099 ± 0.006 χ^2/NDF : 12.8/1

Left: 0.107 ± 0.004 χ^2/NDF : 20.9/3

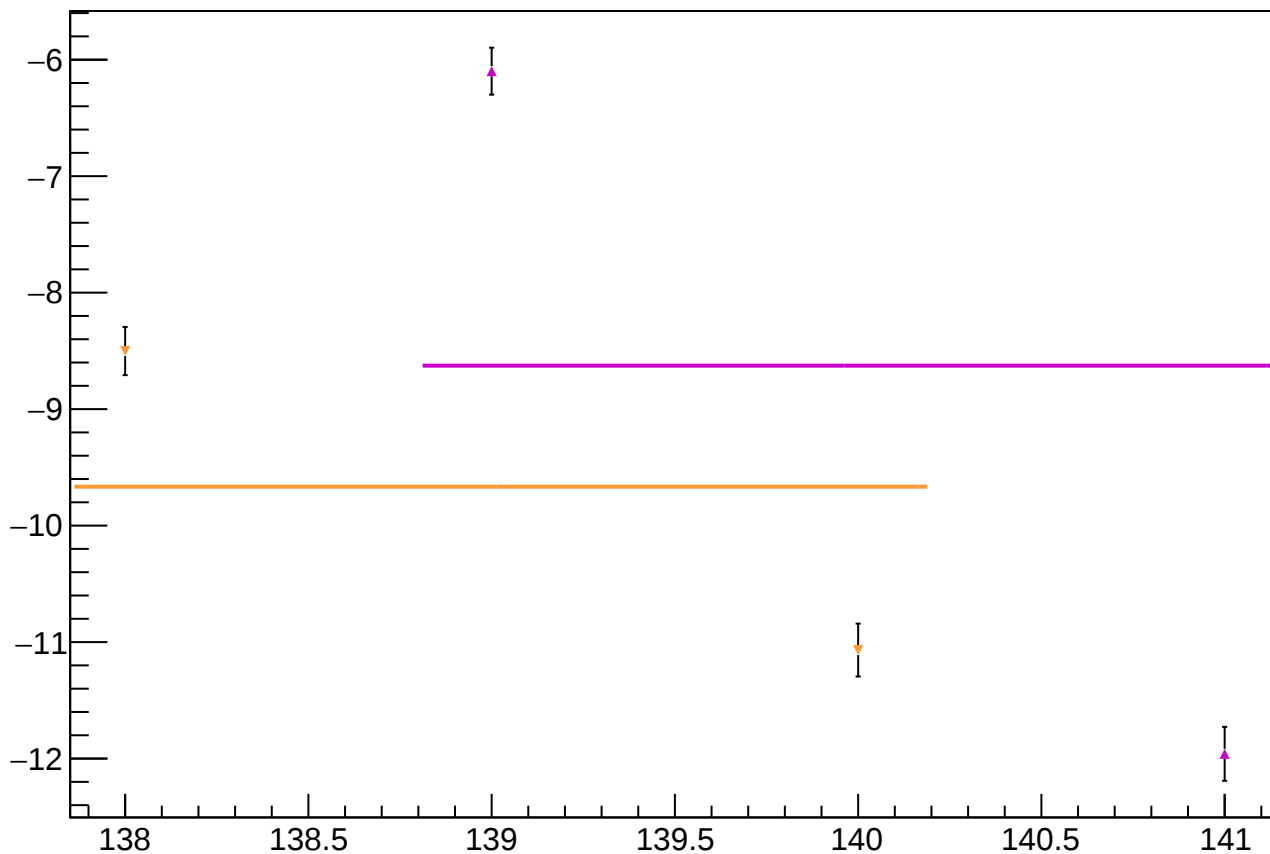
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.170 ± 0.003 χ^2/NDF : 850.1/18

Out: 0.192 ± 0.003 χ^2/NDF : 1216.1/20

All: 0.182 ± 0.002 χ^2/NDF : 2088.8/39

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: -9.666+/-0.153 χ^2/NDF : 69.9/1

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: -9.143+/-0.108 χ^2/NDF : 457.5/3

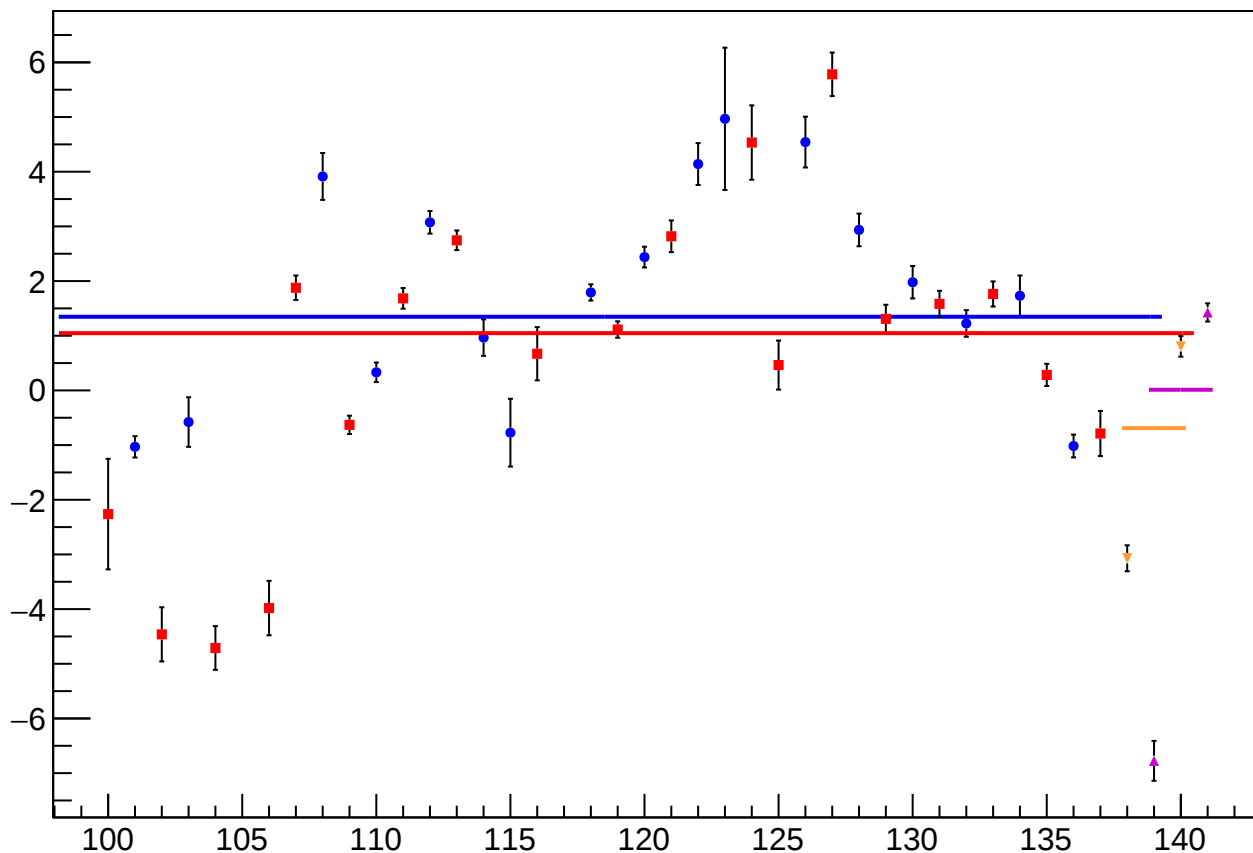
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.627+/-0.152 χ^2/NDF : 364.3/1

Out: -9.666+/-0.153 χ^2/NDF : 69.9/1

All: -9.143+/-0.108 χ^2/NDF : 457.5/3

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: -0.690 ± 0.147 $\chi^2/\text{NDF}: 163.6/1$

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: -0.348 ± 0.106 $\chi^2/\text{NDF}: 592.8/3$

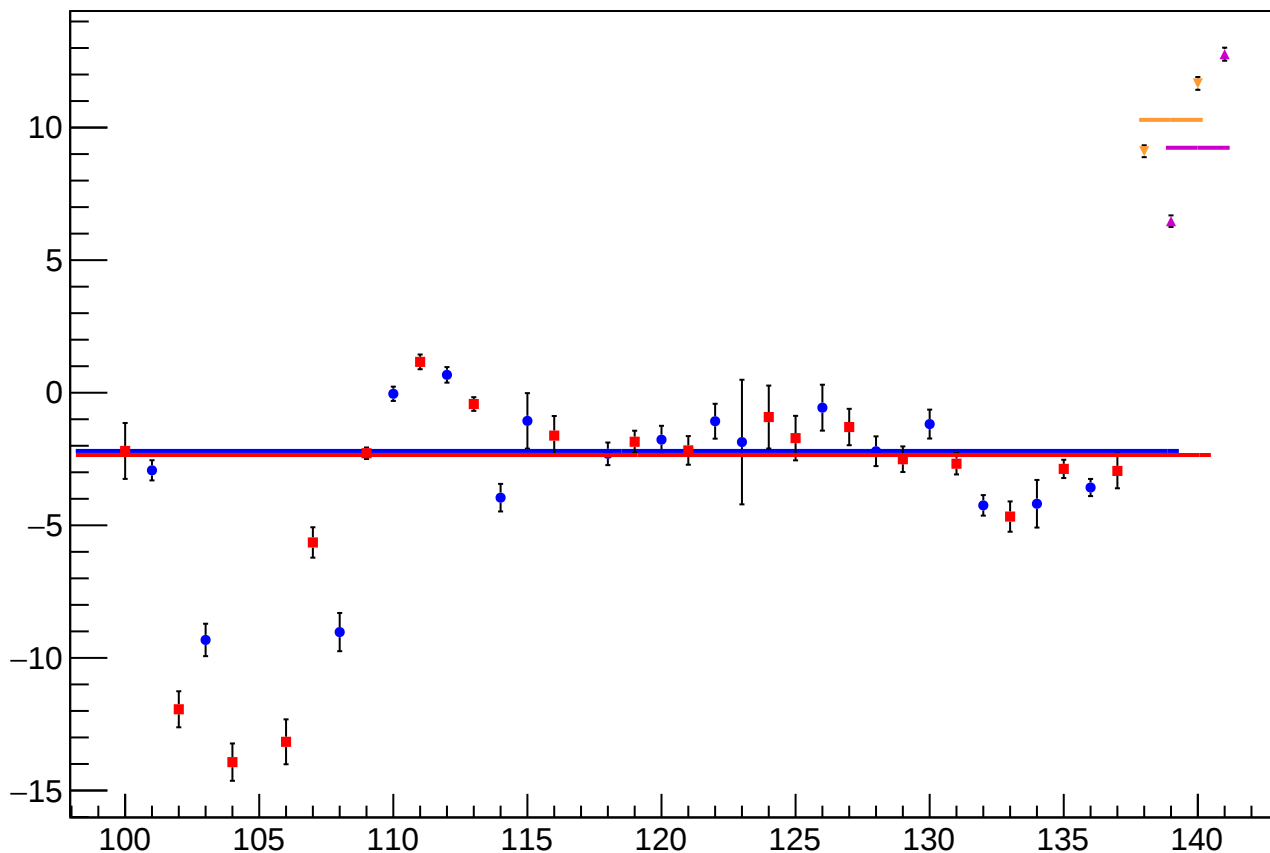
Right: 1.190 ± 0.043 $\chi^2/\text{NDF}: 1558.3/35$

In: 1.154 ± 0.058 $\chi^2/\text{NDF}: 1114.7/18$

Out: 0.806 ± 0.055 $\chi^2/\text{NDF}: 1199.1/20$

All: 0.972 ± 0.040 $\chi^2/\text{NDF}: 2332.9/39$

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: 10.291 ± 0.165 $\chi^2/\text{NDF}: 60.0/1$

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: 9.761 ± 0.116 $\chi^2/\text{NDF}: 447.0/3$

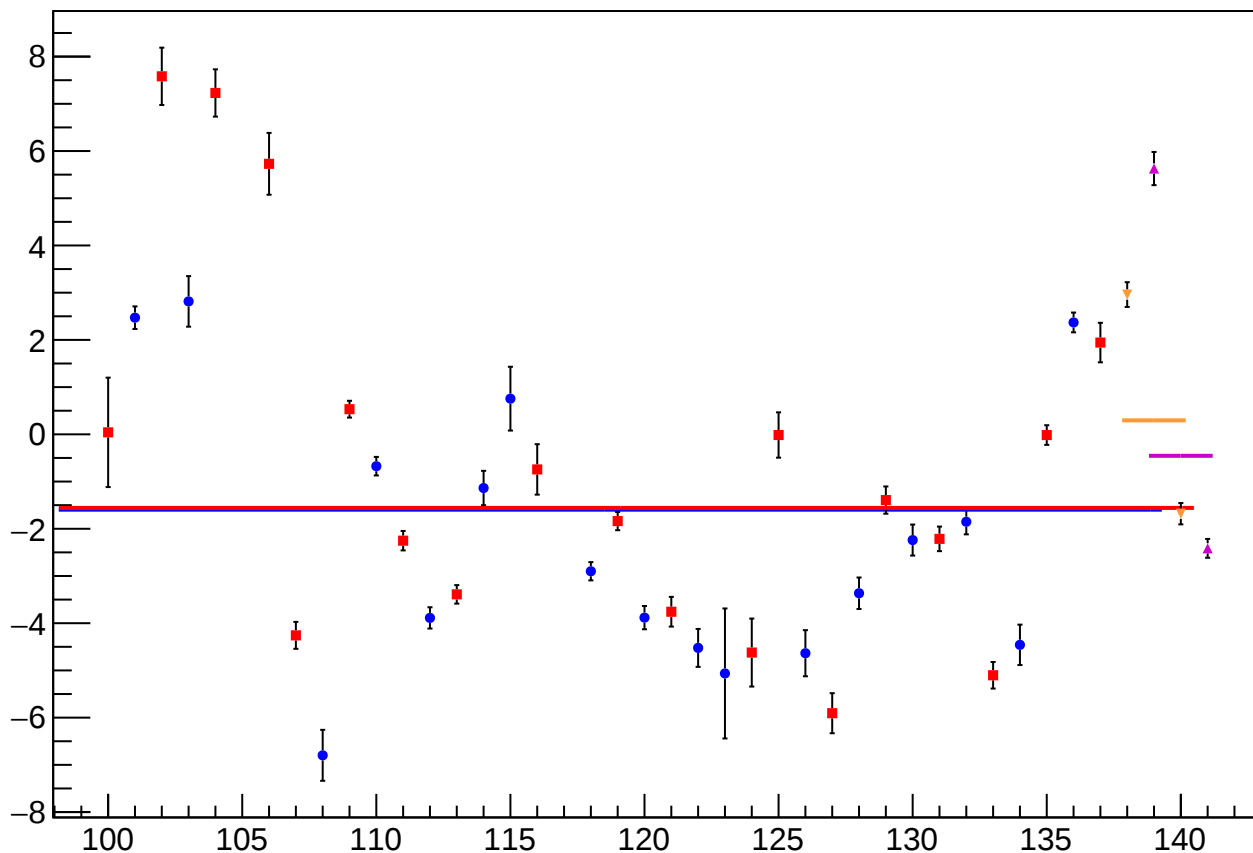
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 1.501 ± 0.093 $\chi^2/\text{NDF}: 4147.5/18$

Out: 1.104 ± 0.086 $\chi^2/\text{NDF}: 5256.2/20$

All: 1.287 ± 0.063 $\chi^2/\text{NDF}: 9413.6/39$

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: 0.296 ± 0.171 χ^2/NDF : 180.0/1

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: -0.074 ± 0.122 χ^2/NDF : 585.5/3

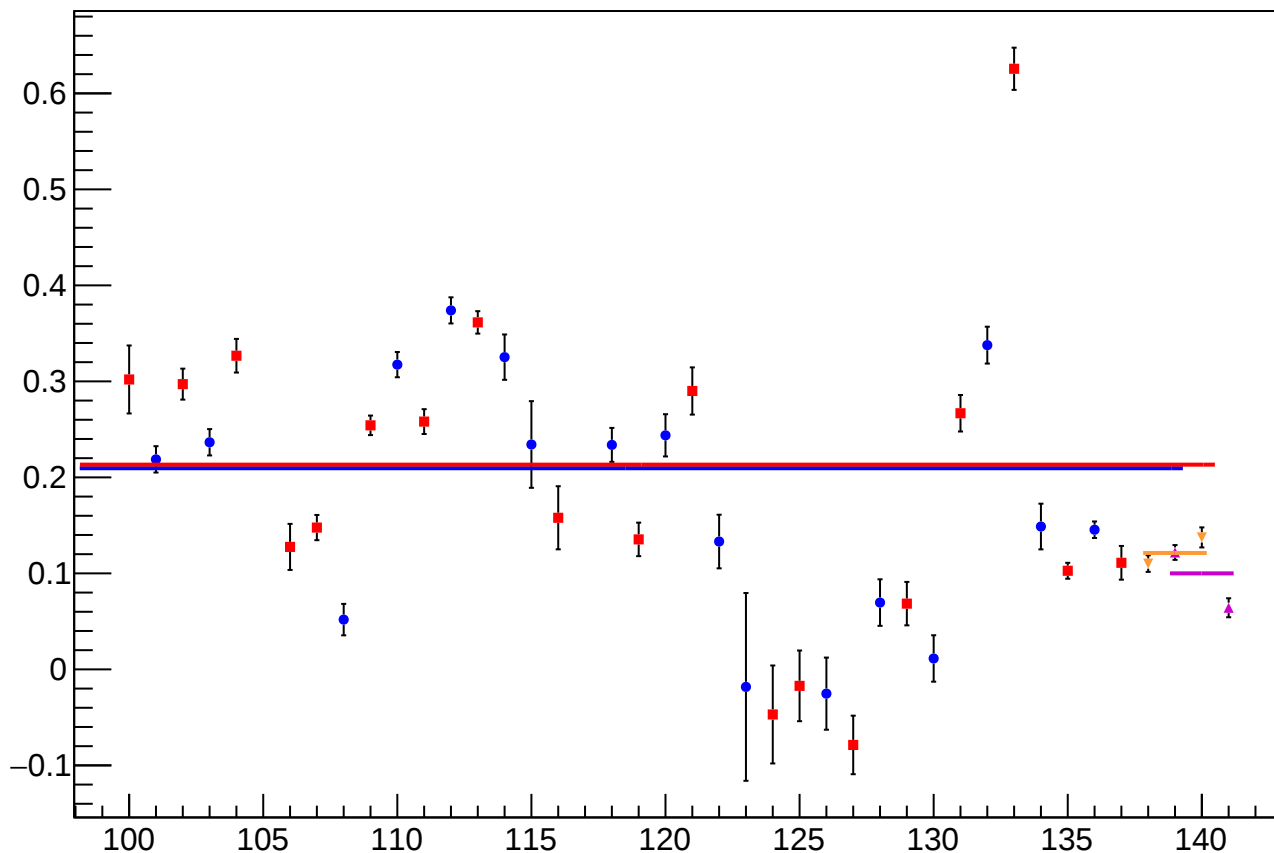
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.429 ± 0.066 χ^2/NDF : 1688.3/18

Out: -1.312 ± 0.062 χ^2/NDF : 1745.7/20

All: -1.367 ± 0.045 χ^2/NDF : 3435.7/39

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: 0.121 $\pm$ 0.007 χ^2 /NDF: 4.1/1

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: 0.110 $\pm$ 0.004 χ^2 /NDF: 30.7/3

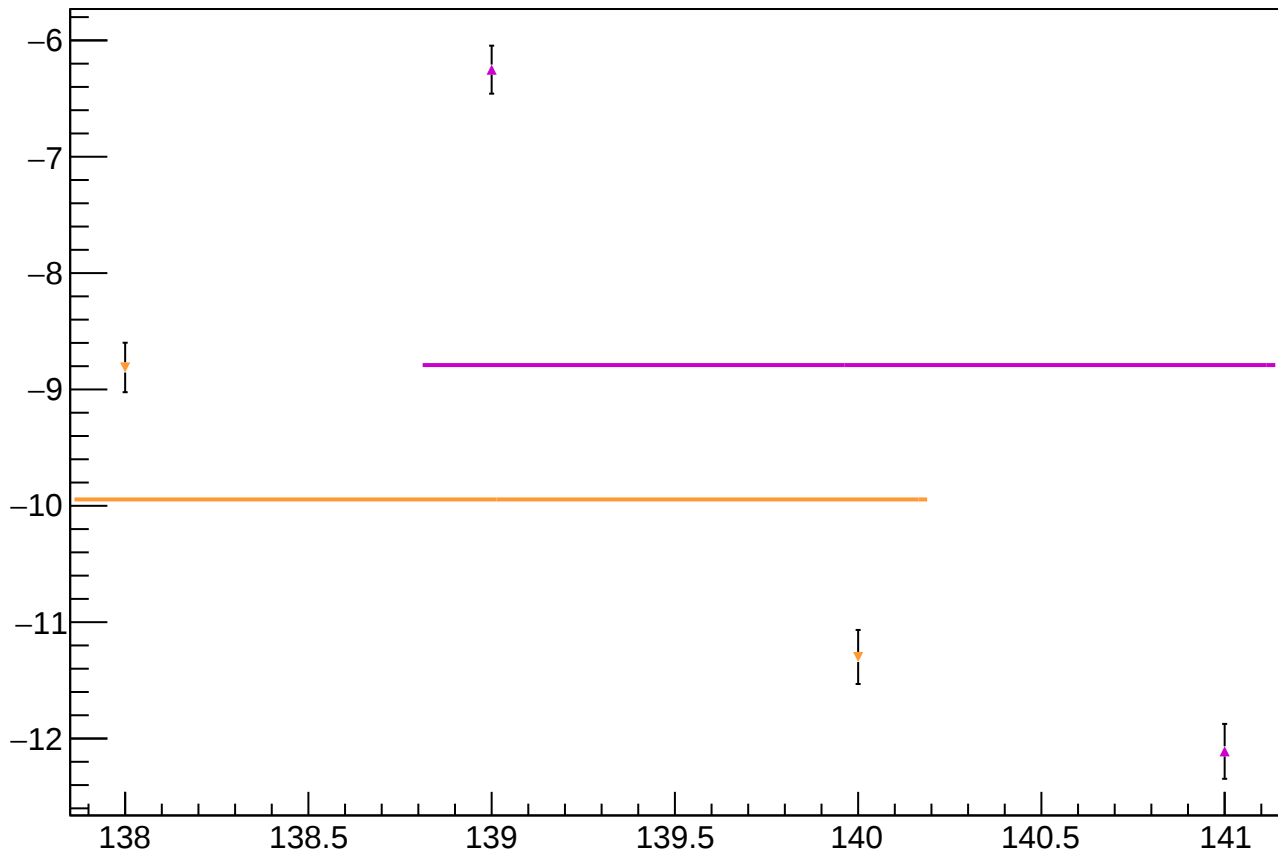
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.174 $\pm$ 0.003 χ^2 /NDF: 838.3/18

Out: 0.191 $\pm$ 0.003 χ^2 /NDF: 1252.5/20

All: 0.183 $\pm$ 0.002 χ^2 /NDF: 2103.5/39

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: -9.945+/-0.157 χ^2/NDF : 62.4/1

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: -9.362+/-0.110 χ^2/NDF : 439.4/3

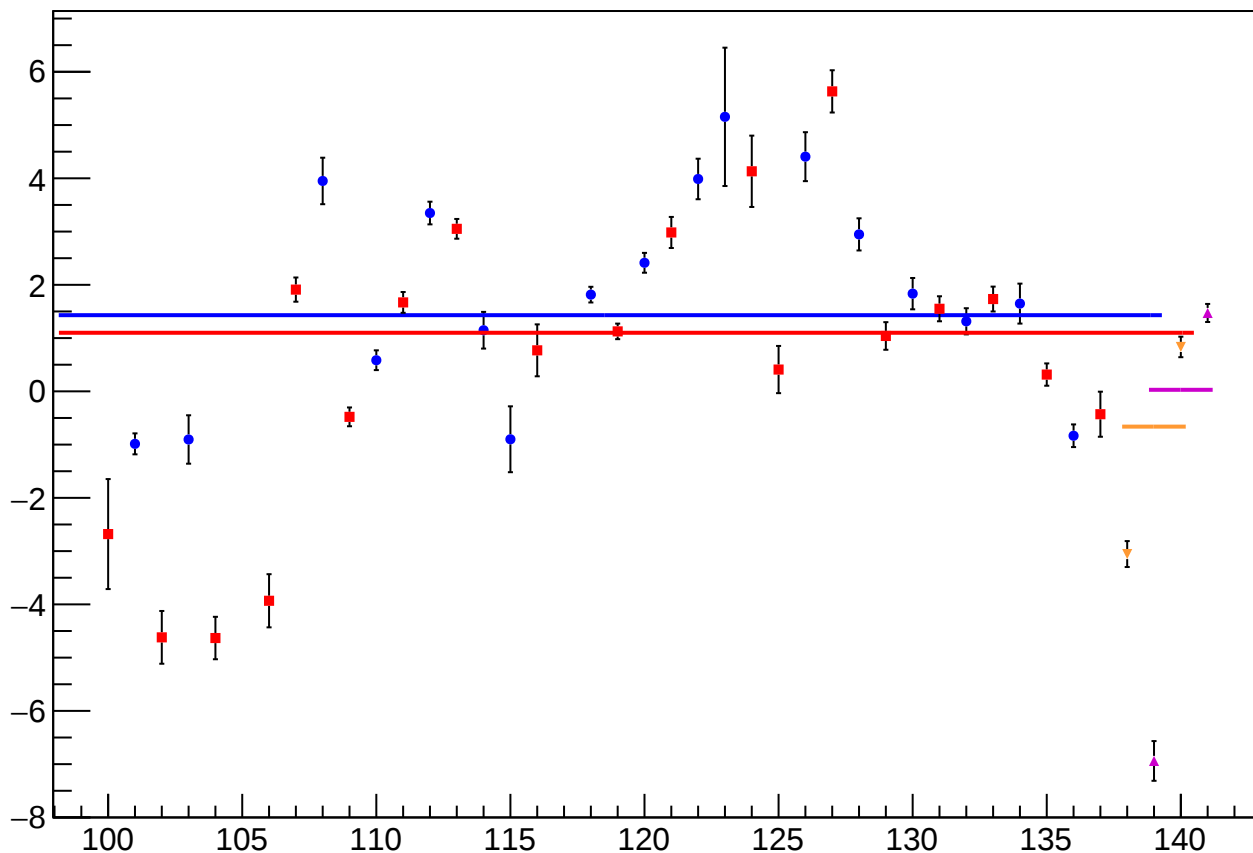
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.790+/-0.155 χ^2/NDF : 349.6/1

Out: -9.945+/-0.157 χ^2/NDF : 62.4/1

All: -9.362+/-0.110 χ^2/NDF : 439.4/3

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: -0.662 $\pm$ 0.151 χ^2 /NDF:156.9/1

Right Out: 1.100 $\pm$ 0.060 χ^2 /NDF: 901.0/18

Left In: 0.029 $\pm$ 0.154 χ^2 /NDF:421.4/1

Left: -0.324 $\pm$ 0.108 χ^2 /NDF: 588.6/3

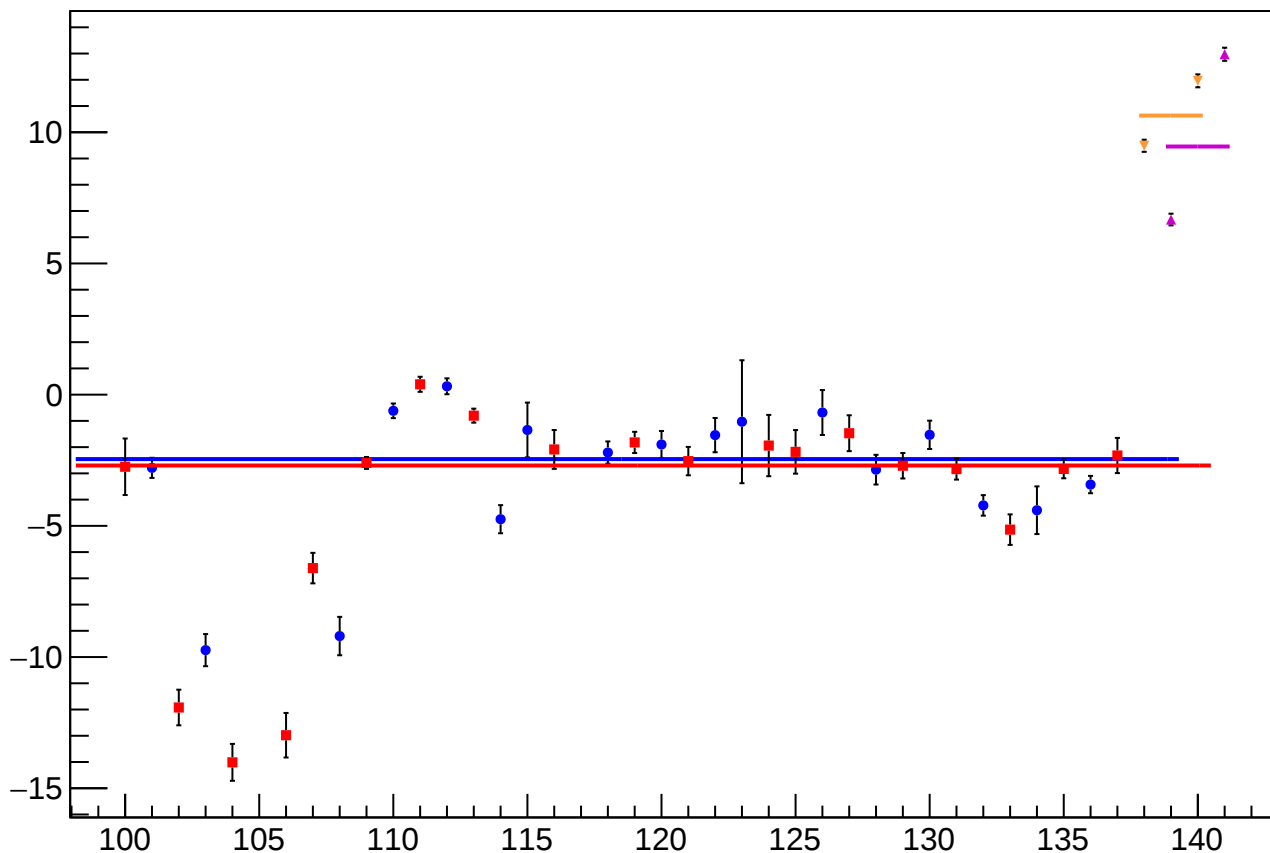
Right: 1.257 $\pm$ 0.043 χ^2 /NDF: 1513.6/35

In: 1.231 $\pm$ 0.058 χ^2 /NDF:1090.1/18

Out: 0.860 $\pm$ 0.056 χ^2 /NDF:1175.5/20

All: 1.038 $\pm$ 0.040 χ^2 /NDF: 2286.9/39

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 10.636 ± 0.169 χ^2/NDF : 53.5/1

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 9.457 ± 0.167 χ^2/NDF : 352.0/1

Left: 10.039 ± 0.119 χ^2/NDF : 430.2/3

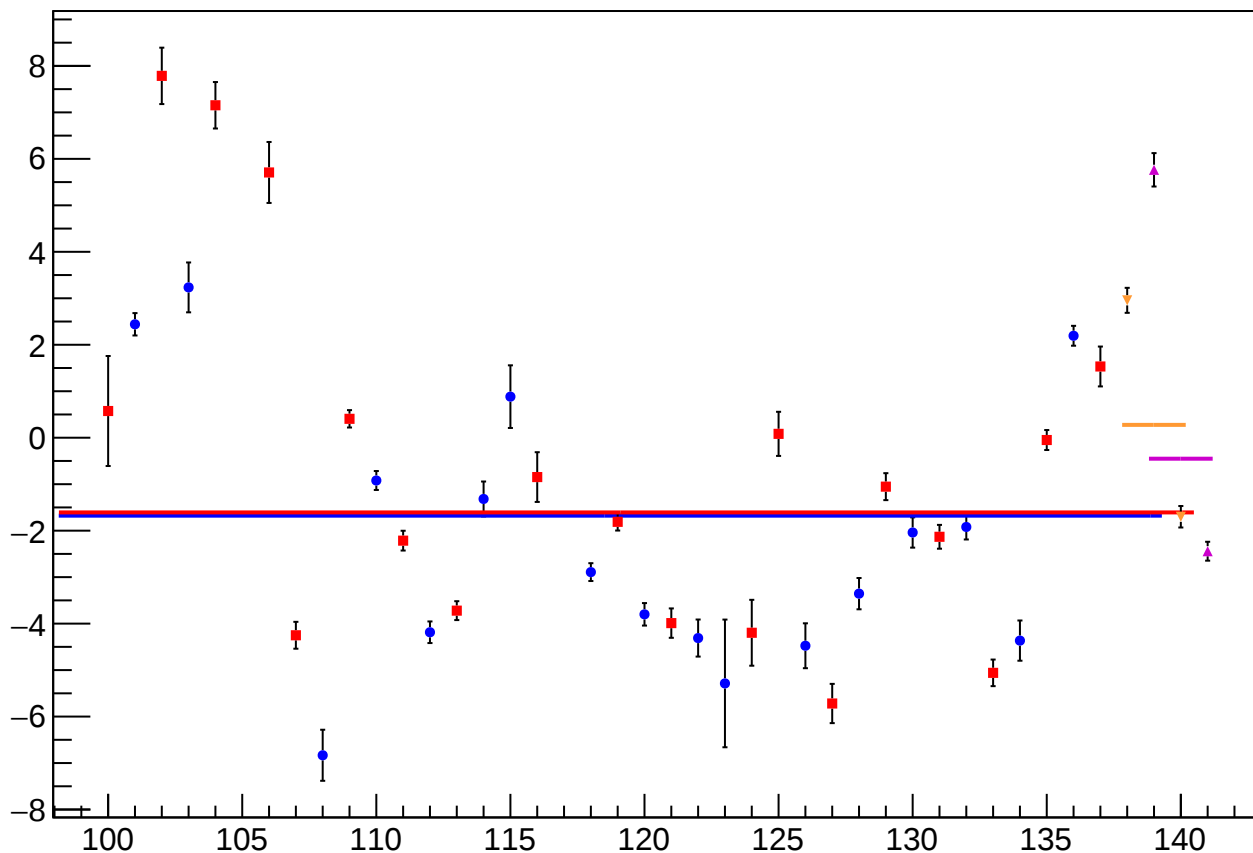
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 1.364 ± 0.094 χ^2/NDF : 4238.6/18

Out: 0.922 ± 0.088 χ^2/NDF : 5429.0/20

All: 1.128 ± 0.064 χ^2/NDF : 9679.4/39

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: 0.276 ± 0.175 χ^2/NDF : 172.5/1

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -0.452 ± 0.177 χ^2/NDF : 395.1/1

Left: -0.084 ± 0.125 χ^2/NDF : 576.2/3

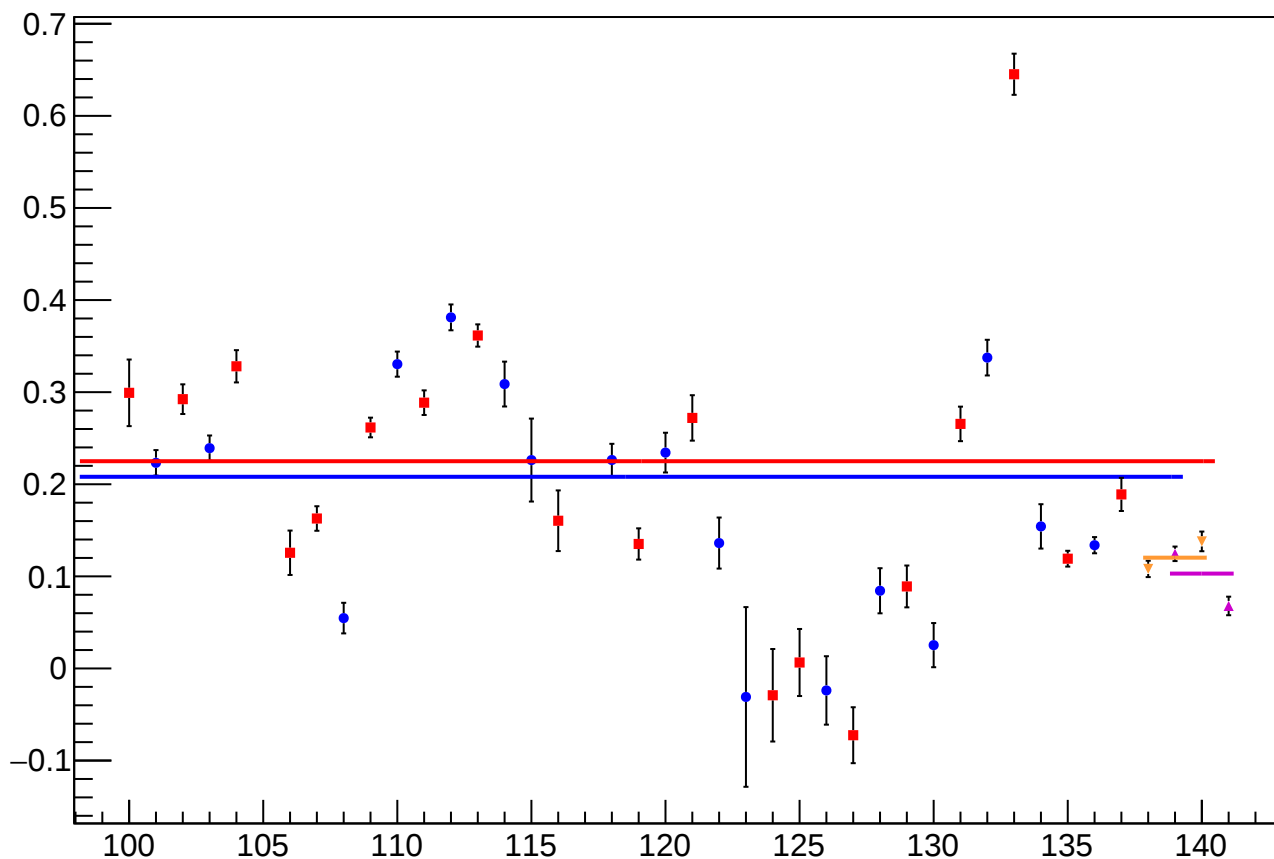
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.501 ± 0.067 χ^2/NDF : 1640.9/18

Out: -1.362 ± 0.063 χ^2/NDF : 1703.7/20

All: -1.427 ± 0.046 χ^2/NDF : 3347.0/39

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.120 $\pm$ 0.007 χ^2 /NDF: 4.6/1

Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18

Left In: 0.103 $\pm$ 0.006 χ^2 /NDF: 19.6/1

Left: 0.111 $\pm$ 0.005 χ^2 /NDF: 27.7/3

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.174 $\pm$ 0.004 χ^2 /NDF: 814.7/18

Out: 0.200 $\pm$ 0.003 χ^2 /NDF: 1183.7/20

All: 0.188 $\pm$ 0.002 χ^2 /NDF: 2026.1/39