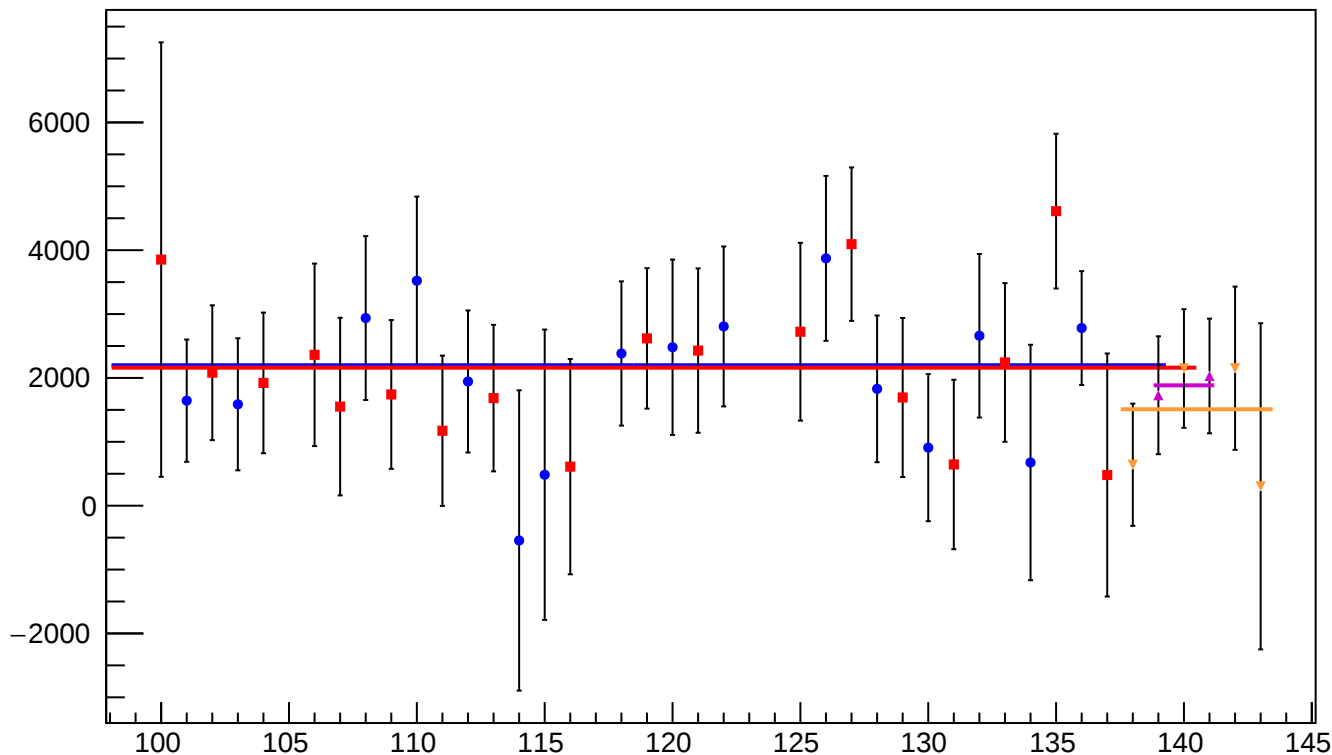


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1509.456+/-575.560

Right Out: 2160.742+/-303.587

Left In: 1883.851+/-643.493

χ^2/NDF : 8.6/15

χ^2/NDF : 1.8/3

χ^2/NDF : 11.7/17

χ^2/NDF : 0.1/1

Left: 1675.855+/-428.996

Right: 2179.612+/-215.784

In: 2140.543+/-276.910

Out: 2018.983+/-268.523

All: 2077.894+/-192.771

χ^2/NDF : 2.0/5

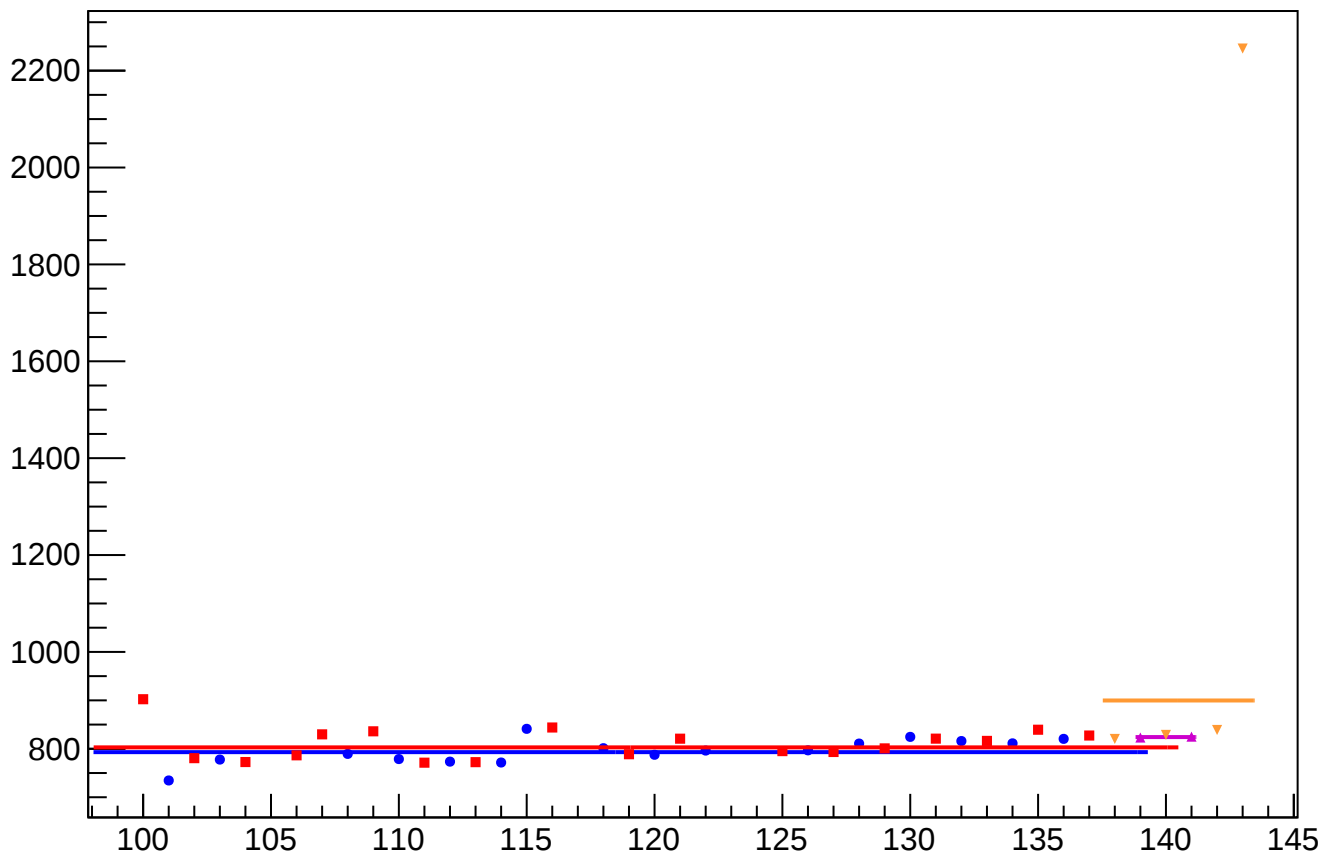
χ^2/NDF : 20.3/33

χ^2/NDF : 8.8/17

χ^2/NDF : 14.4/21

χ^2/NDF : 23.4/39

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 899.739+/-0.407 χ^2/NDF :585838.9/3

Right Out: 802.946 $\pm$ 0.215 χ^2 /NDF: 14445.6/17

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

Left: 866.170 ± 0.303 χ^2/NDF : 601150.6/5

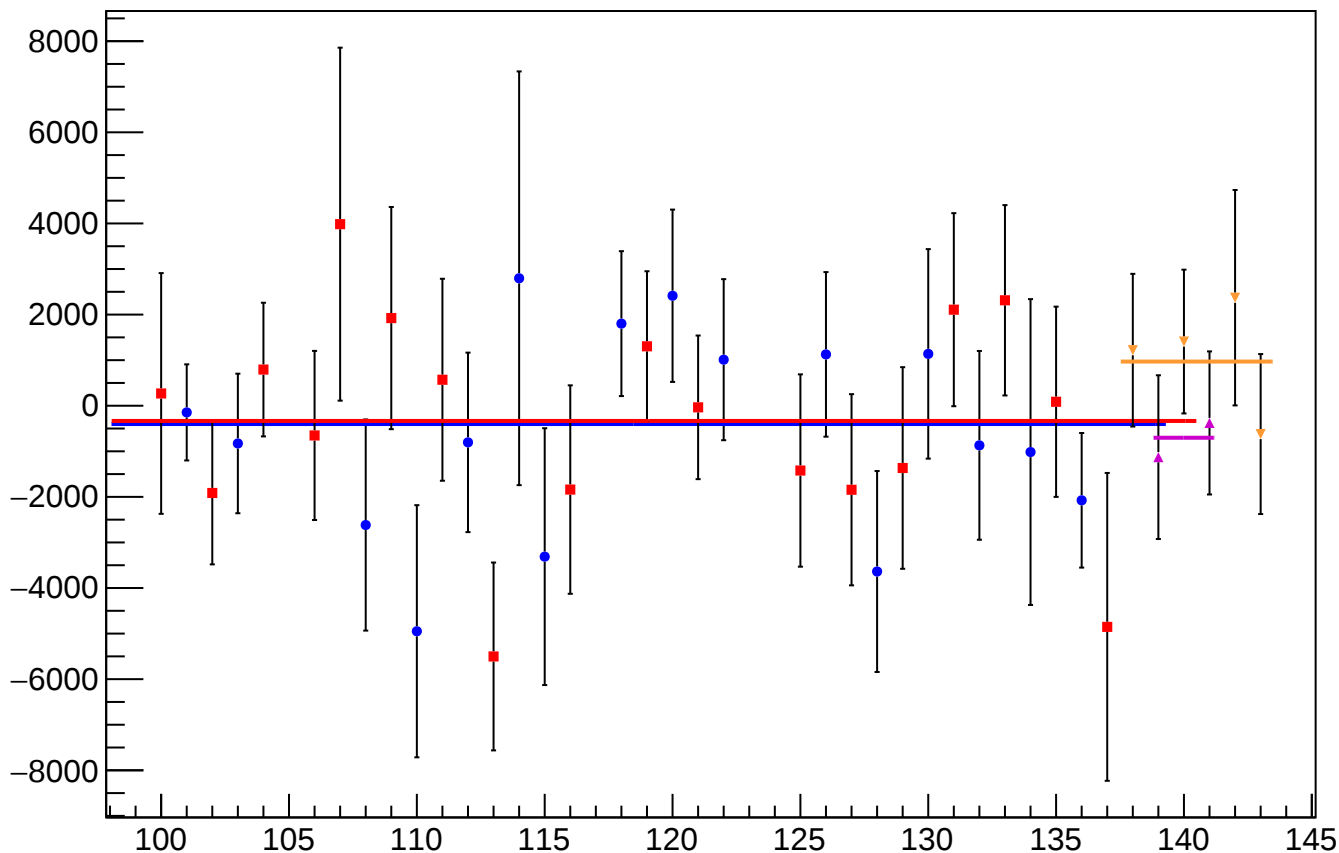
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

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

Out: 824.014+/-0.190 χ^2/NDF :644536.0/21

All: 811.821 ± 0.136 $\chi^2/\text{NDF}: 671563.8/39$

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 969.208+/-890.187 χ^2/NDF : 1.3/3

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: 364.269+/-711.107 χ^2/NDF : 2.6/5

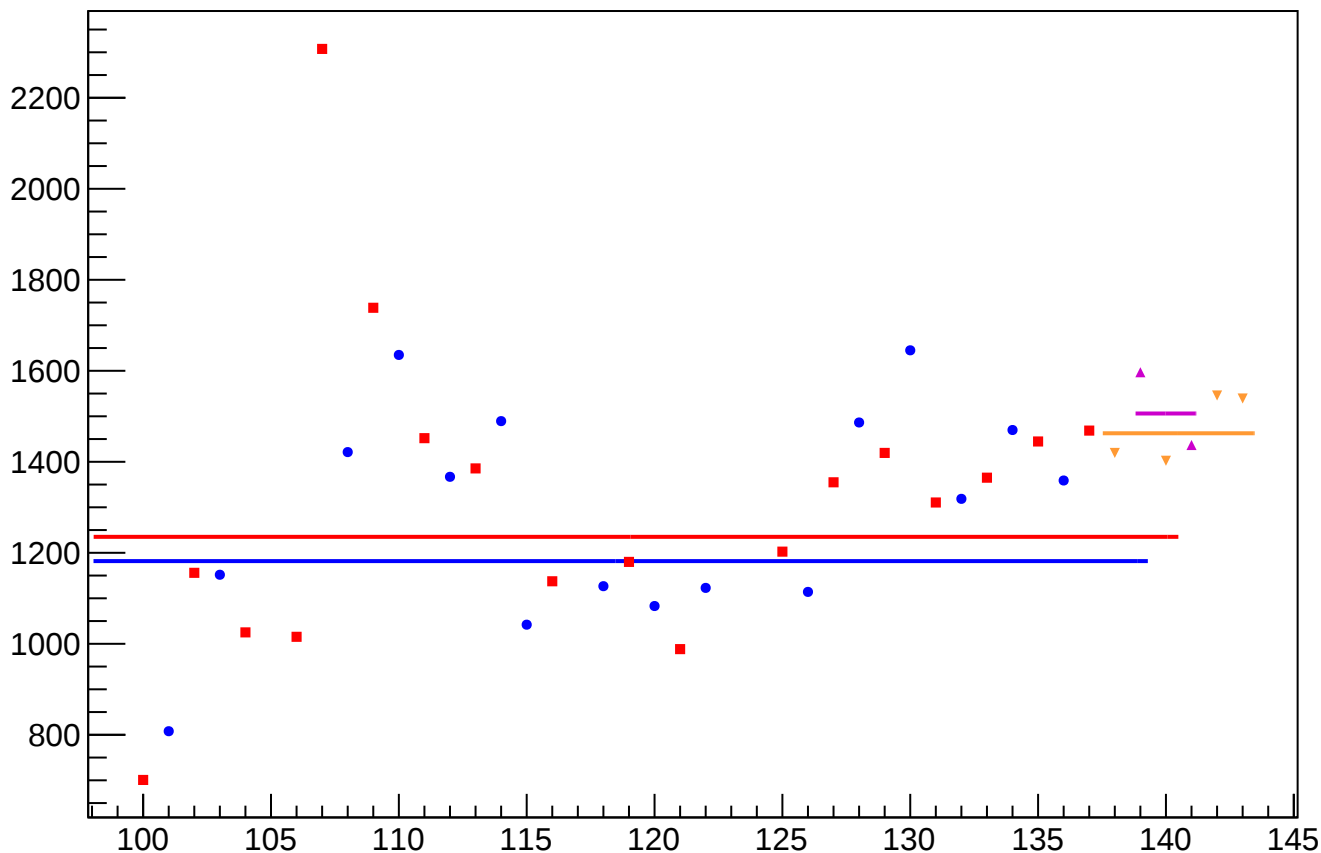
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

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

Out: -41.886+/-421.453 χ^2/NDF : 20.4/21

All: -235.476+/-302.916 χ^2/NDF : 35.8/39

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1462.694+/-0.629 χ^2/NDF : 10525.2/3

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: 1478.422+/-0.503 χ^2/NDF : 21237.4/5

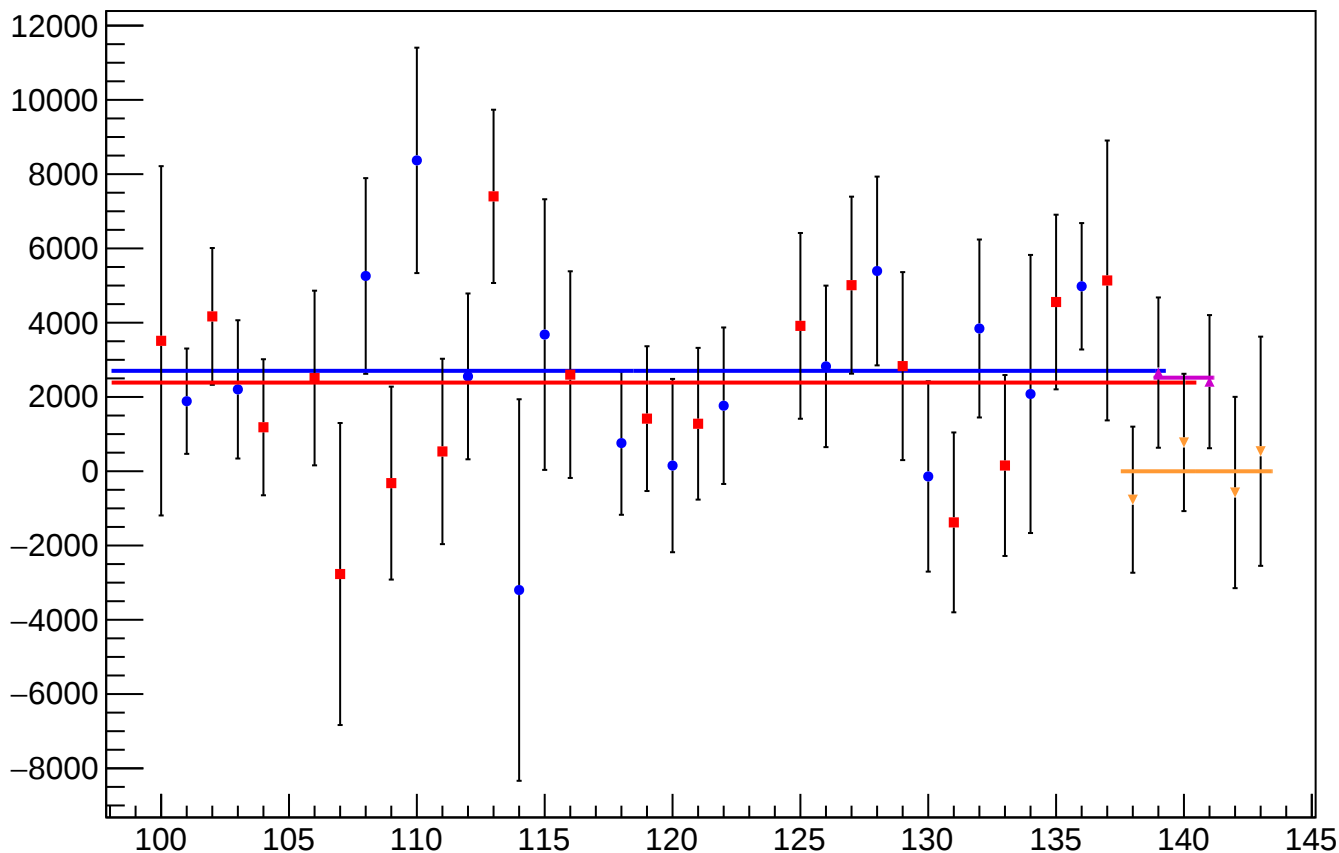
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

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

Out: 1286.110+/-0.298 χ^2/NDF : 652213.9/21

All: 1256.970+/-0.214 χ^2/NDF : 1354622.2/39

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: -1.252+/-1113.331 χ^2/NDF : 0.4/3

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

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

Left: 1026.508+/-856.806 χ^2/NDF : 2.5/5

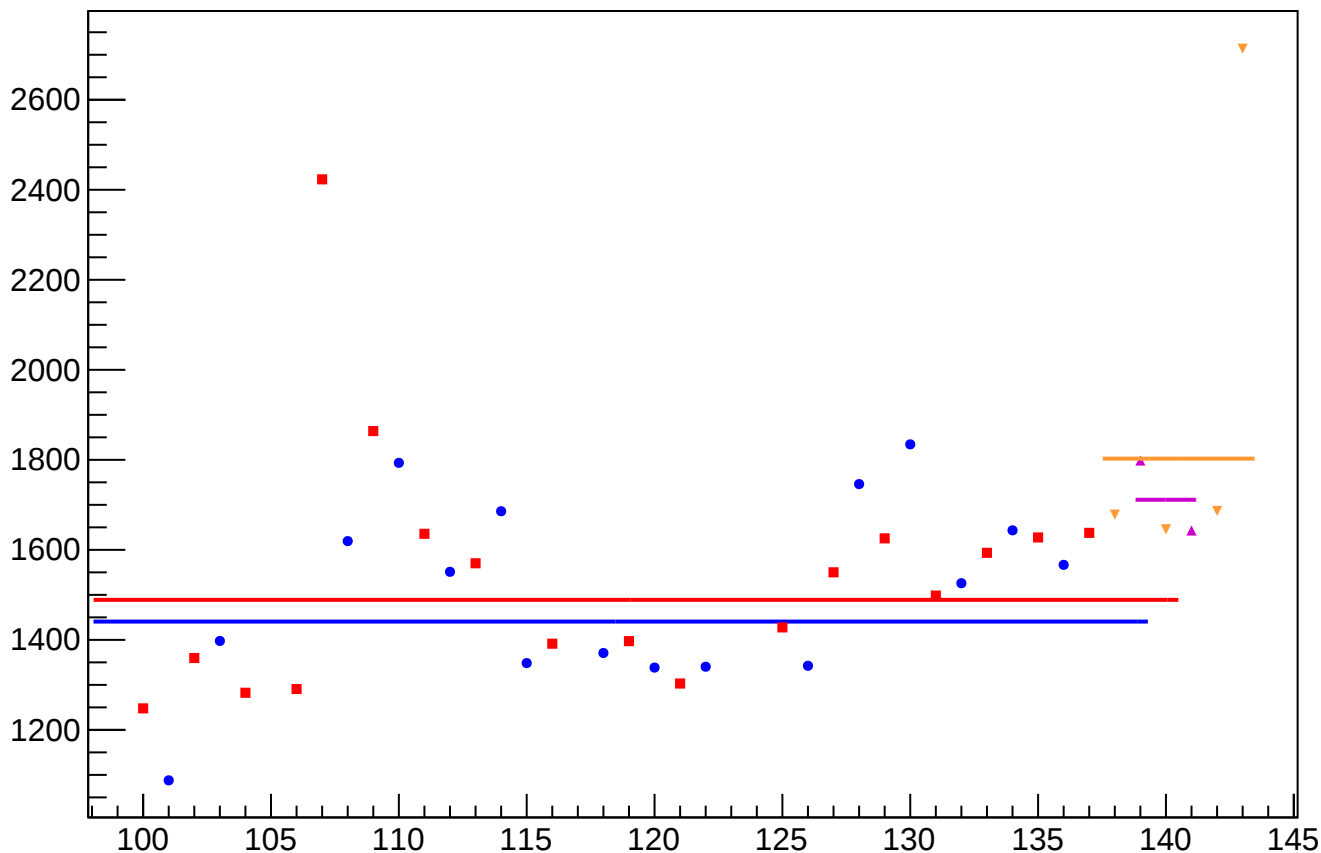
Right: 2546.843+/-400.838 χ^2/NDF : 29.3/33

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

Out: 1892.286+/-506.851 χ^2/NDF : 20.2/21

All: 2273.847+/-363.071 χ^2/NDF : 34.4/39

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1802.684+/-0.787 χ^2/NDF : 200755.2/3

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: 1765.431+/-0.606 χ^2/NDF : 212861.1/5

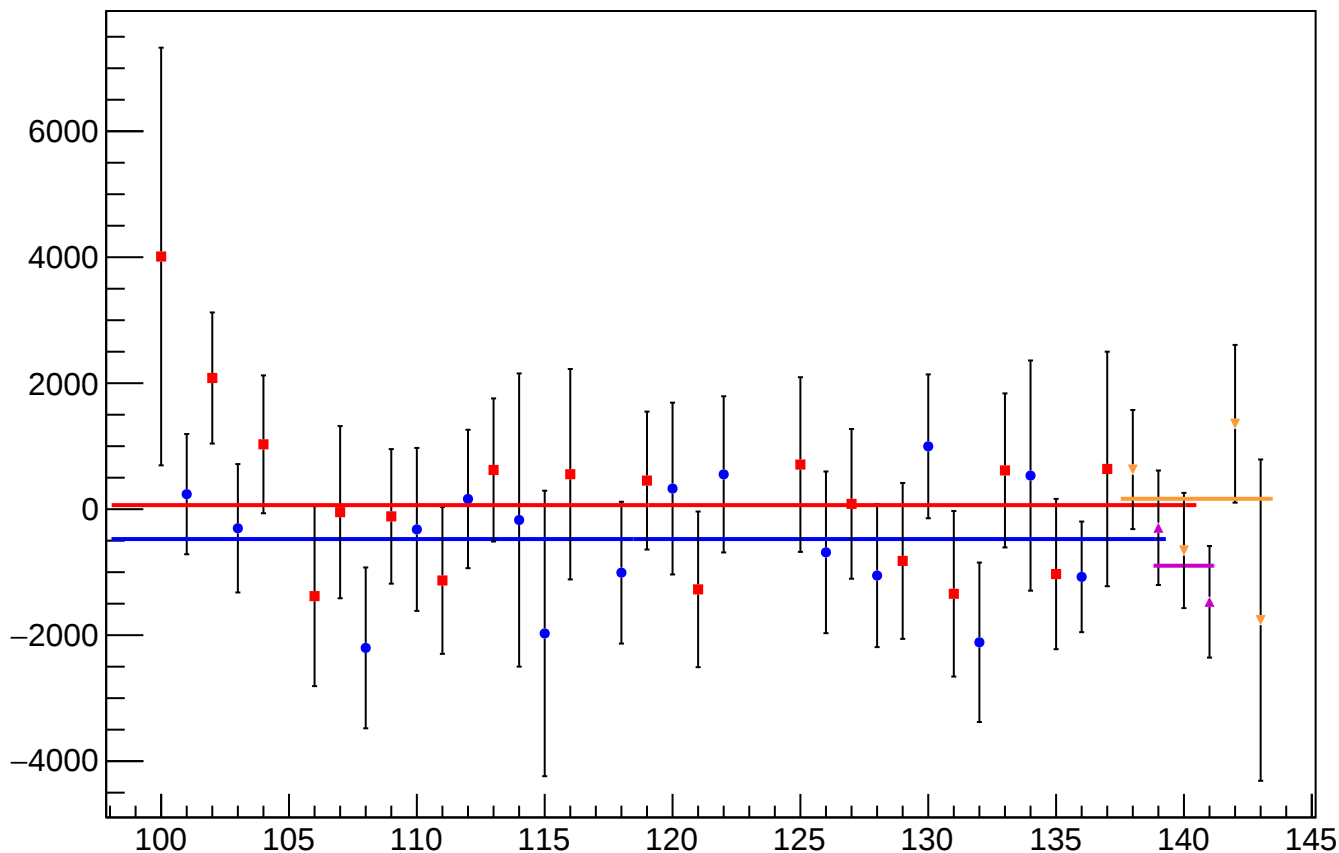
Right: 1464.596+/-0.283 χ^2/NDF : 546361.9/33

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

Out: 1553.969+/-0.358 χ^2/NDF : 583505.8/21

All: 1518.615+/-0.257 χ^2/NDF : 961510.3/39

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 165.130 ± 567.437 χ^2/NDF : 2.5/3

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: -307.004 ± 422.950 χ^2/NDF : 4.9/5

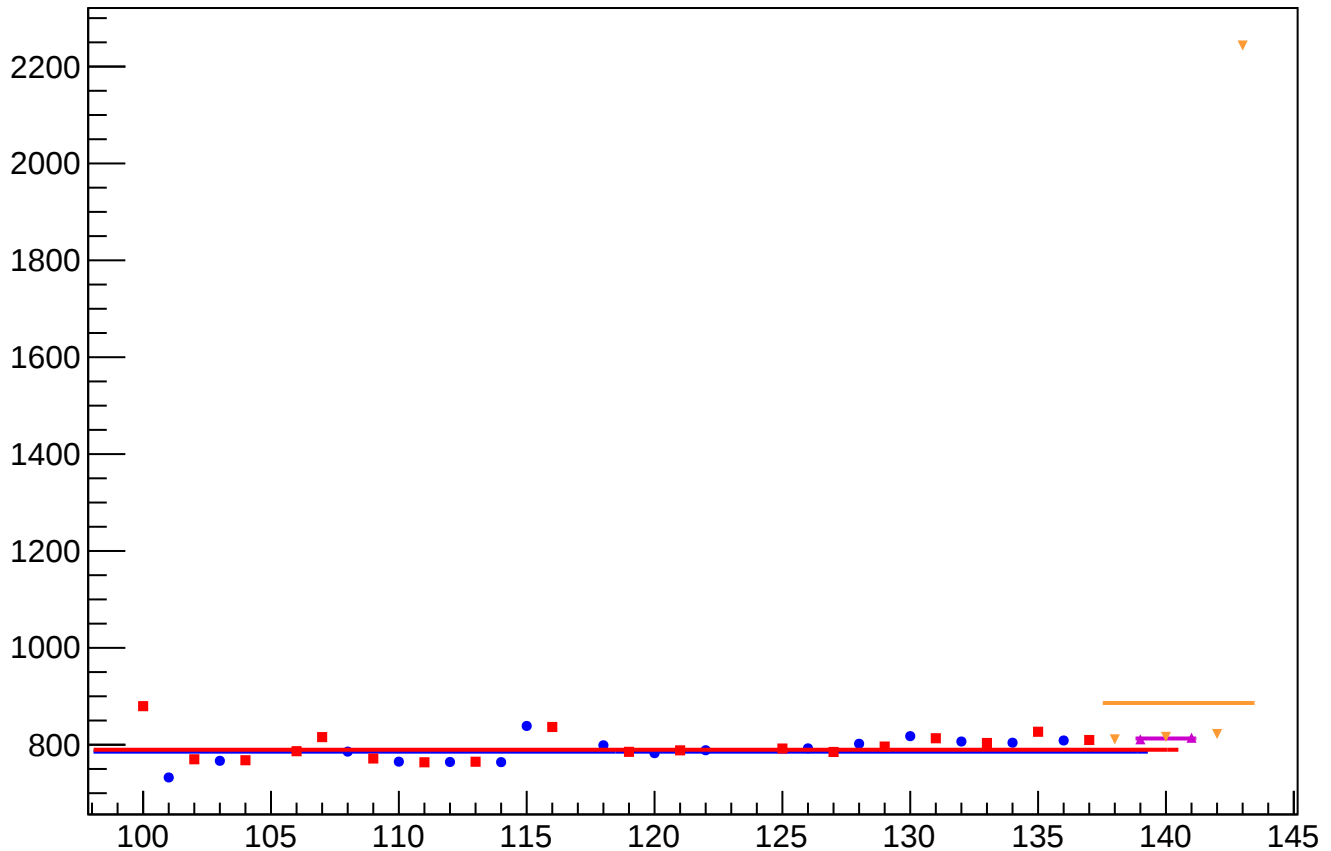
Right: -199.789 ± 212.921 χ^2/NDF : 23.2/33

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

Out: 86.444 ± 264.104 χ^2/NDF : 15.3/21

All: -221.467 ± 190.182 χ^2/NDF : 28.2/39

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 886.211 $\pm$ 0.401 χ^2 /NDF: 595889.9/3

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: 853.624 $\pm$ 0.299 χ^2 /NDF: 610744.4/5

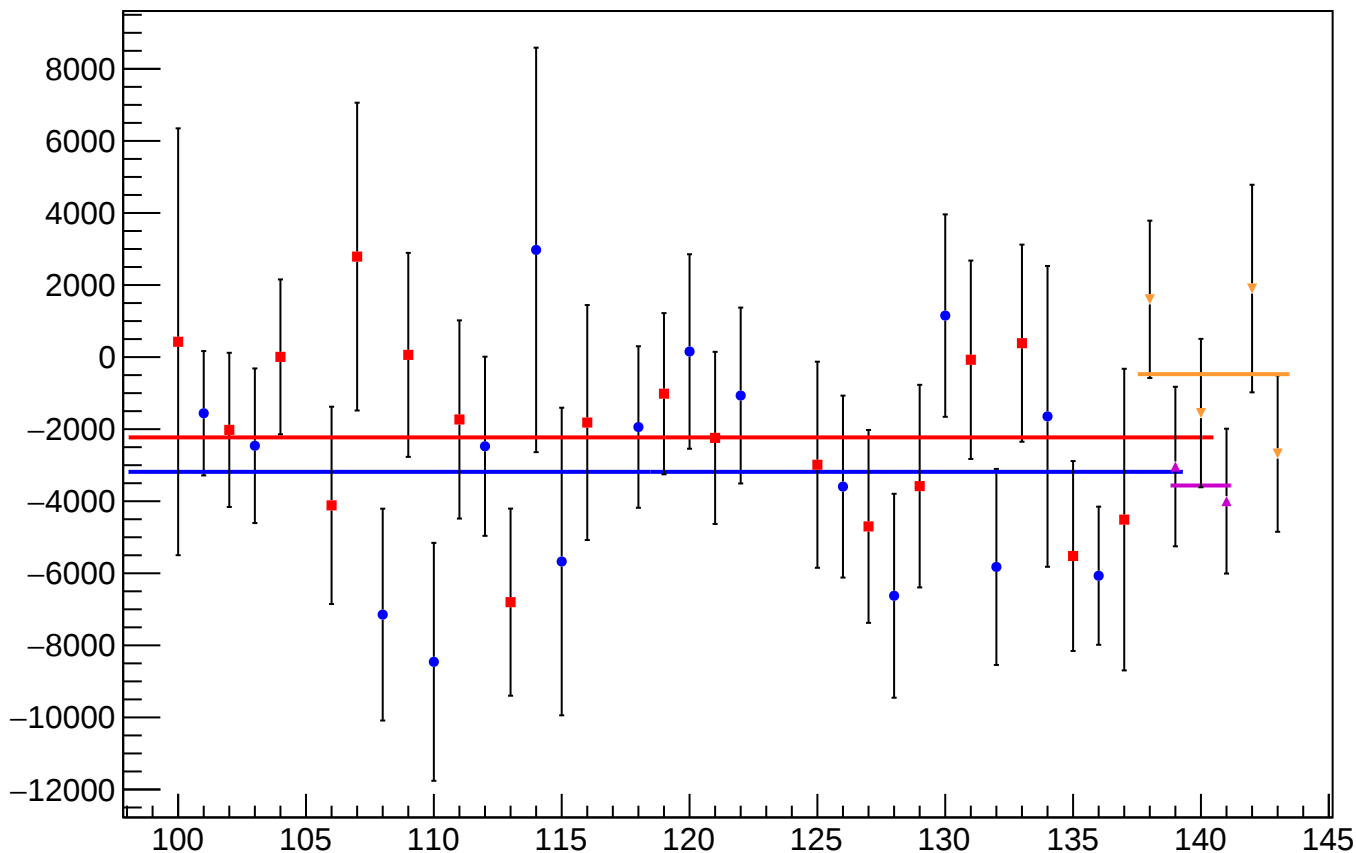
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

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

Out: 810.588 $\pm$ 0.187 χ^2 /NDF: 652246.4/21

All: 801.066 $\pm$ 0.134 χ^2 /NDF: 674557.0/39

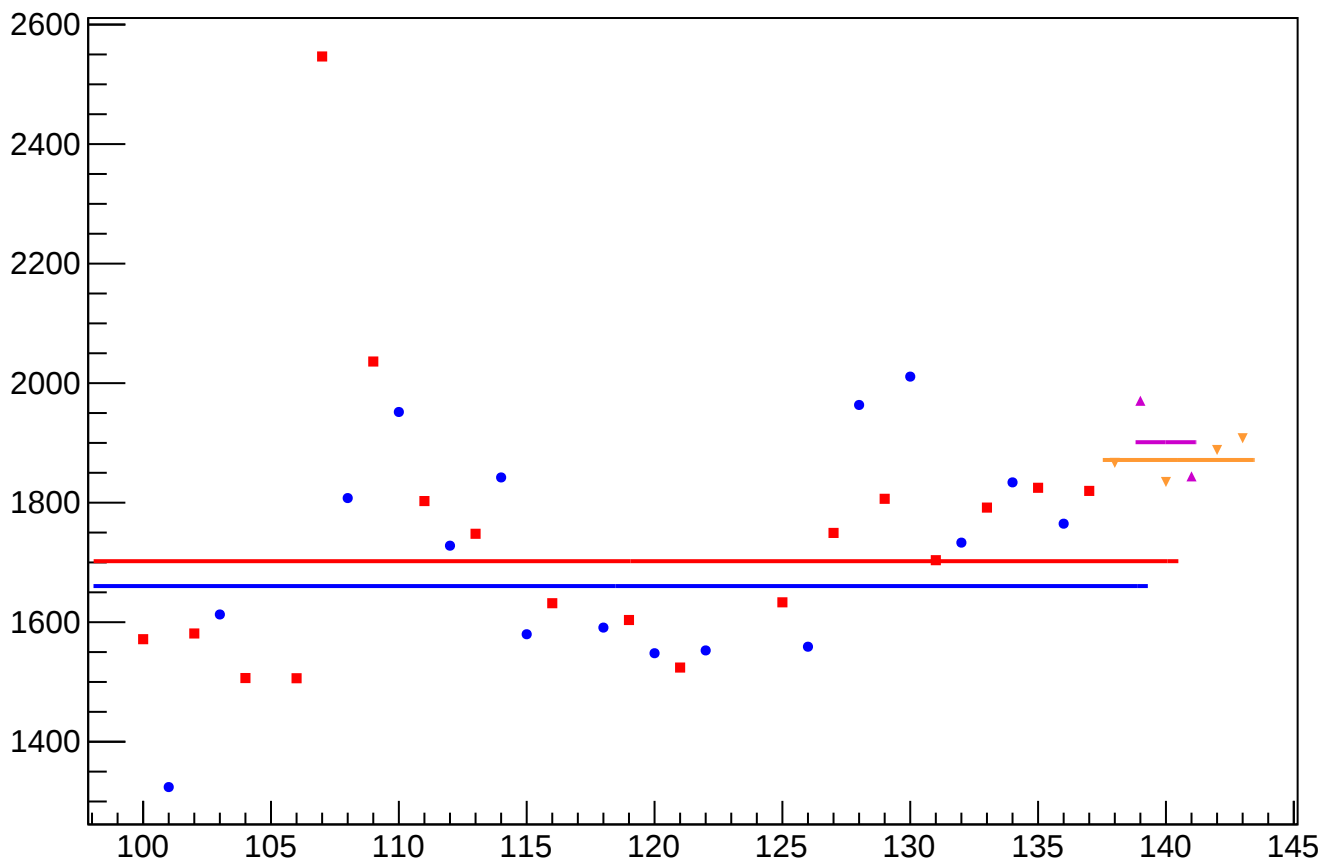
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -473.054 ± 1133.713 $\chi^2/\text{NDF}: 2.9/3$
 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: -1608.032 ± 901.818 $\chi^2/\text{NDF}: 5.7/5$
 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: -1795.875 ± 562.615 $\chi^2/\text{NDF}: 16.5/21$
 All: -2481.522 ± 408.351 $\chi^2/\text{NDF}: 36.6/39$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1871.463+/-0.802 χ^2/NDF : 1277.3/3

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: 1882.379+/-0.638 χ^2/NDF : 5362.6/5

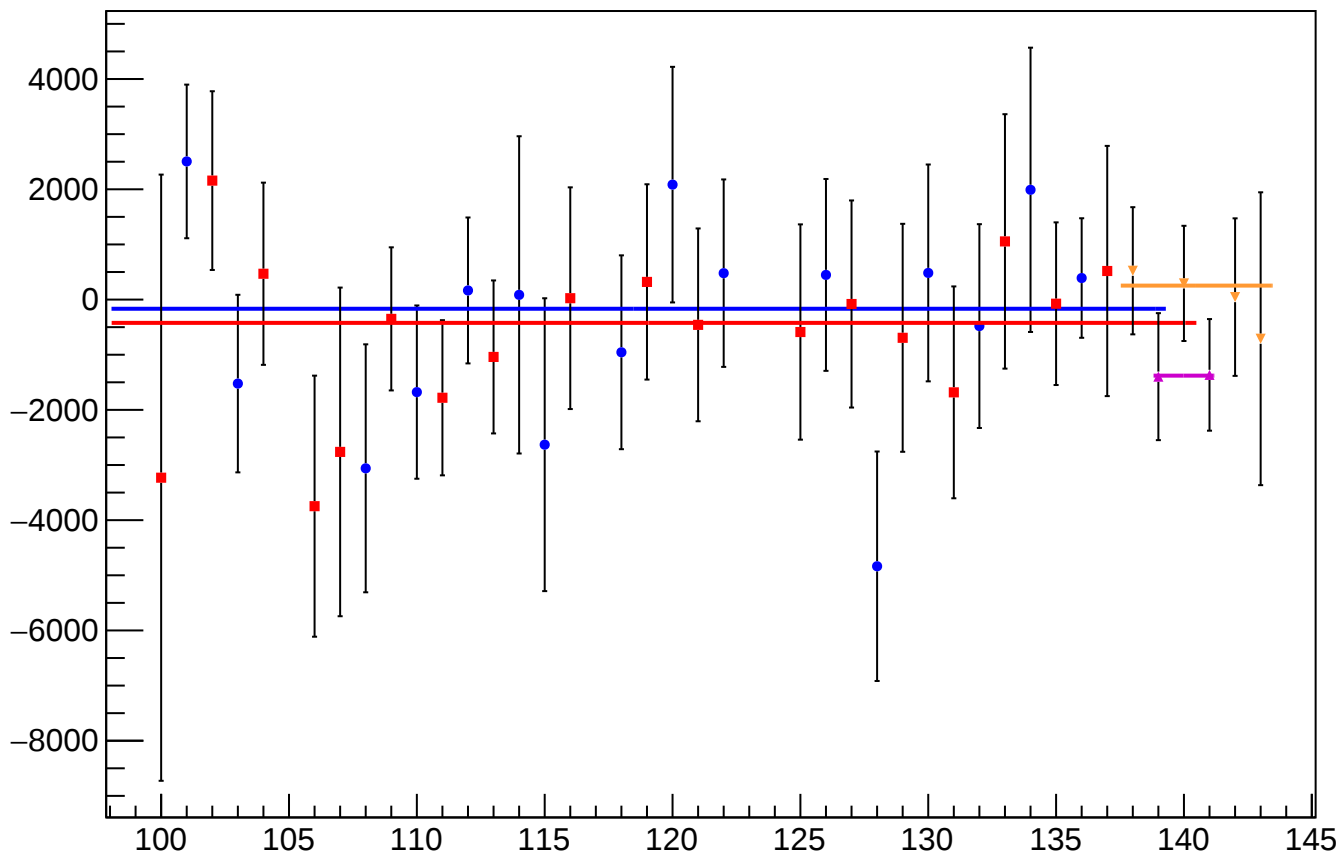
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

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

Out: 1743.808+/-0.398 χ^2/NDF : 206928.0/21

All: 1722.495+/-0.289 χ^2/NDF : 439786.9/39

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 253.524 ± 659.331 $\chi^2/\text{NDF}: 0.2/3$

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

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

Left: -447.445 ± 498.091 $\chi^2/\text{NDF}: 2.8/5$

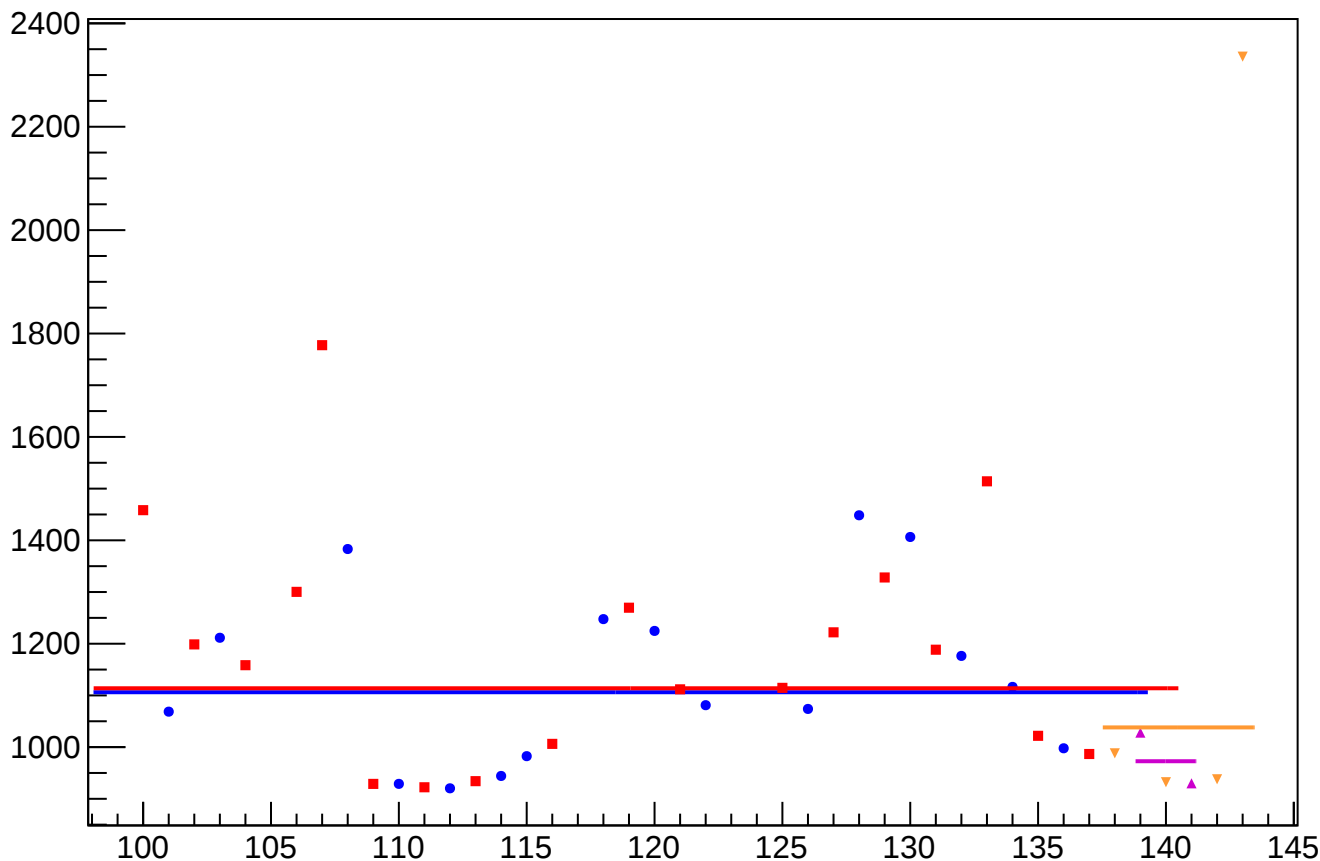
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

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

Out: -222.433 ± 358.593 $\chi^2/\text{NDF}: 9.1/21$

All: -337.077 ± 259.512 $\chi^2/\text{NDF}: 26.9/39$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1038.101+/-0.466 χ^2/NDF : 511760.4/3

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: 1010.019+/-0.352 χ^2/NDF : 528395.3/5

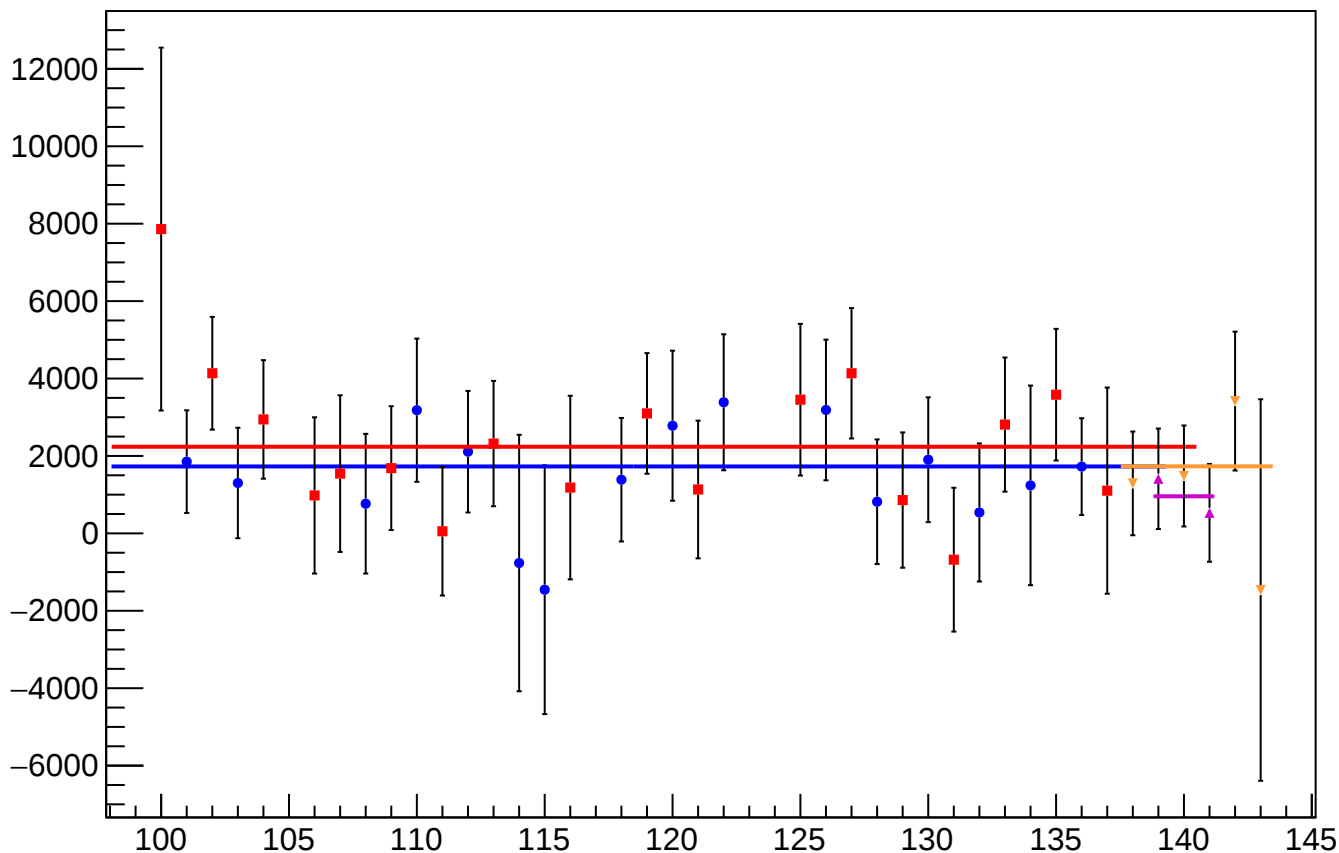
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

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

Out: 1091.423+/-0.254 χ^2/NDF : 894628.7/21

All: 1082.887+/-0.184 χ^2/NDF : 1211676.7/39

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1731.919+/-817.415 χ^2/NDF : 1.4/3

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

Left In: 957.441+/-905.250 χ^2/NDF : 0.2/1

Left: 1384.067+/-606.683 χ^2/NDF : 2.1/5

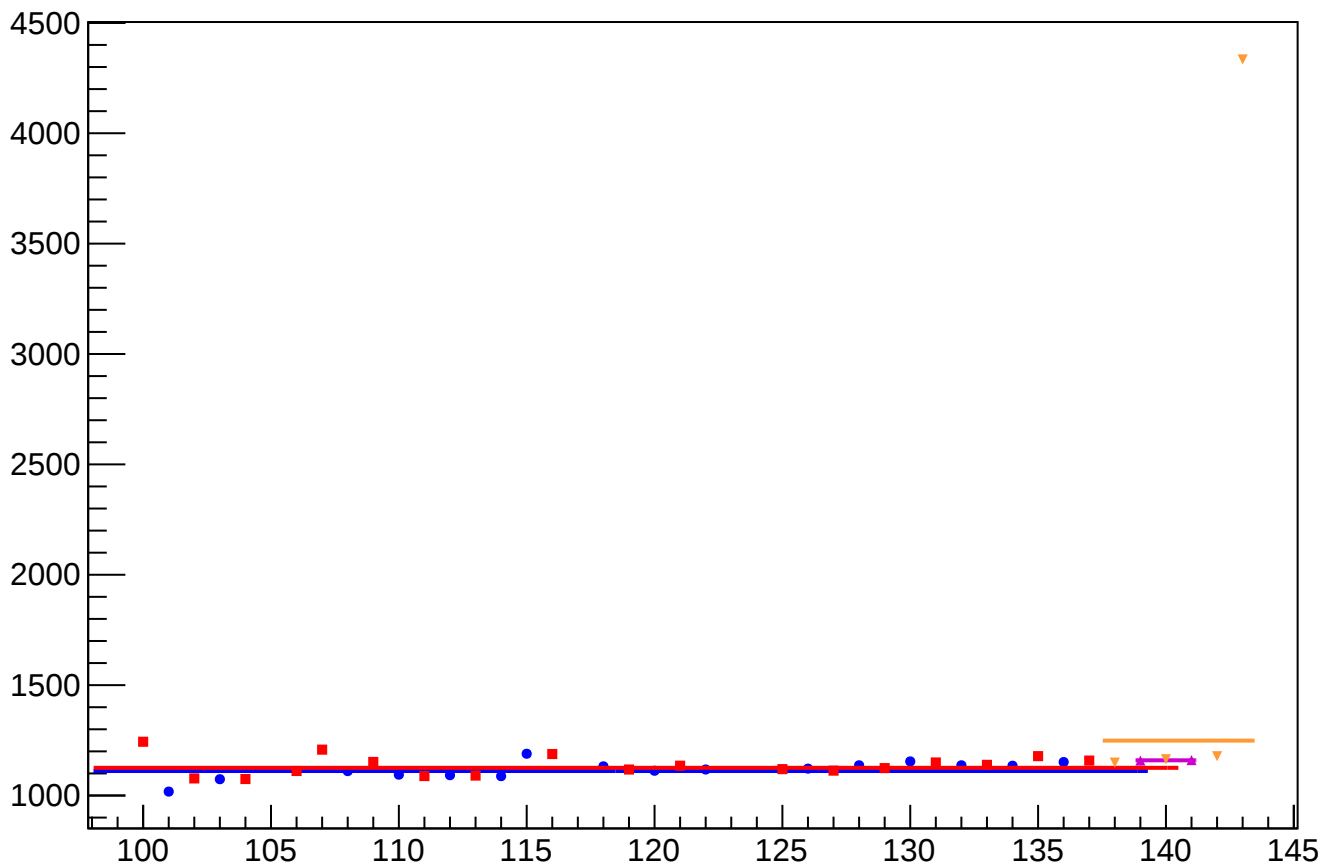
Right: 1985.660+/-302.369 χ^2/NDF : 18.3/33

In: 1586.629+/-388.263 χ^2/NDF : 6.1/17

Out: 2129.873+/-377.397 χ^2/NDF : 14.0/21

All: 1865.959+/-270.620 χ^2/NDF : 21.1/39

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1248.672 $\pm$ 0.578 χ^2 /NDF: 806738.8/3

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: 1208.617 $\pm$ 0.429 χ^2 /NDF: 817434.2/5

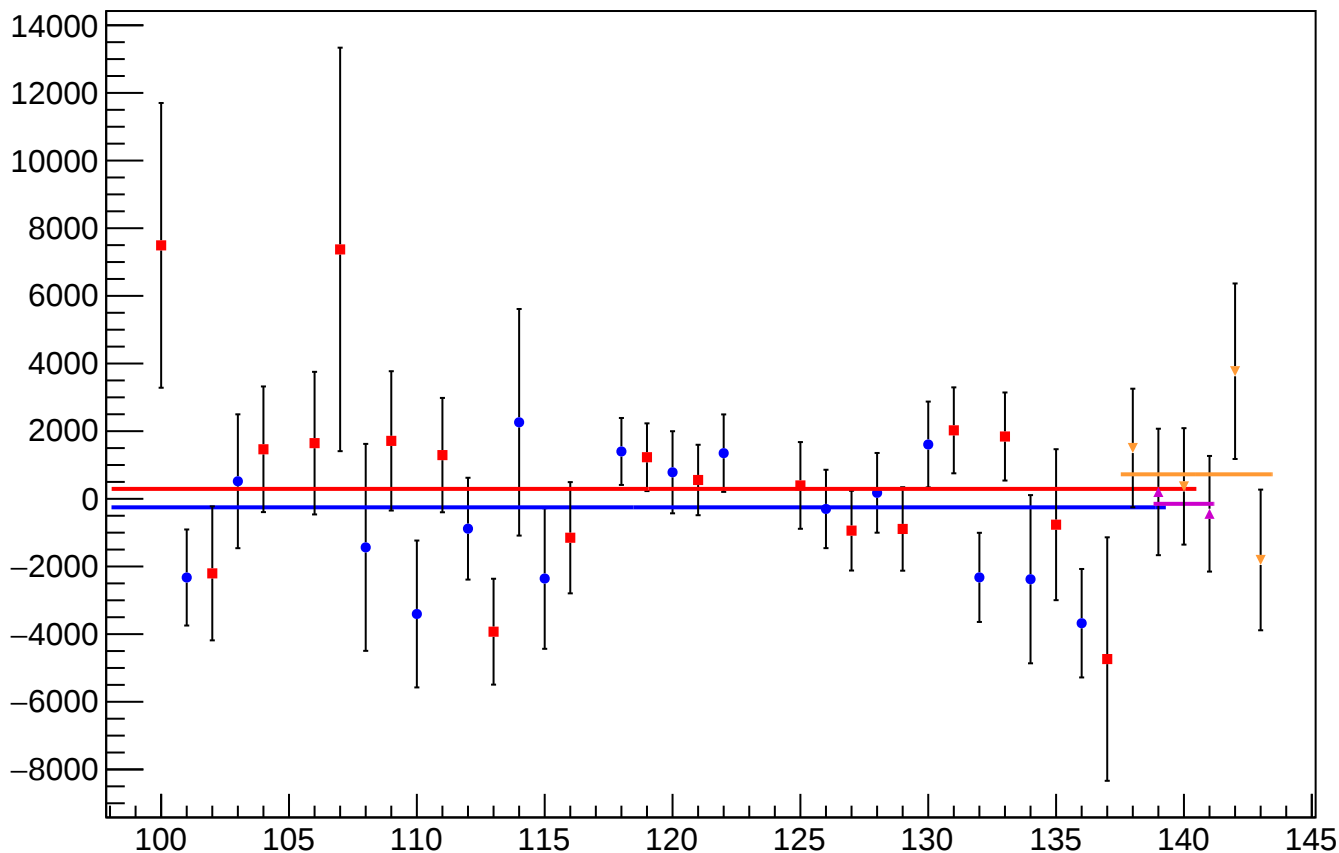
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

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

Out: 1151.752 $\pm$ 0.267 χ^2 /NDF: 858354.1/21

All: 1136.305 $\pm$ 0.191 χ^2 /NDF: 888020.3/39

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 724.625 ± 979.225 χ^2/NDF : 3.1/3

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: 396.549 ± 773.524 χ^2/NDF : 3.5/5

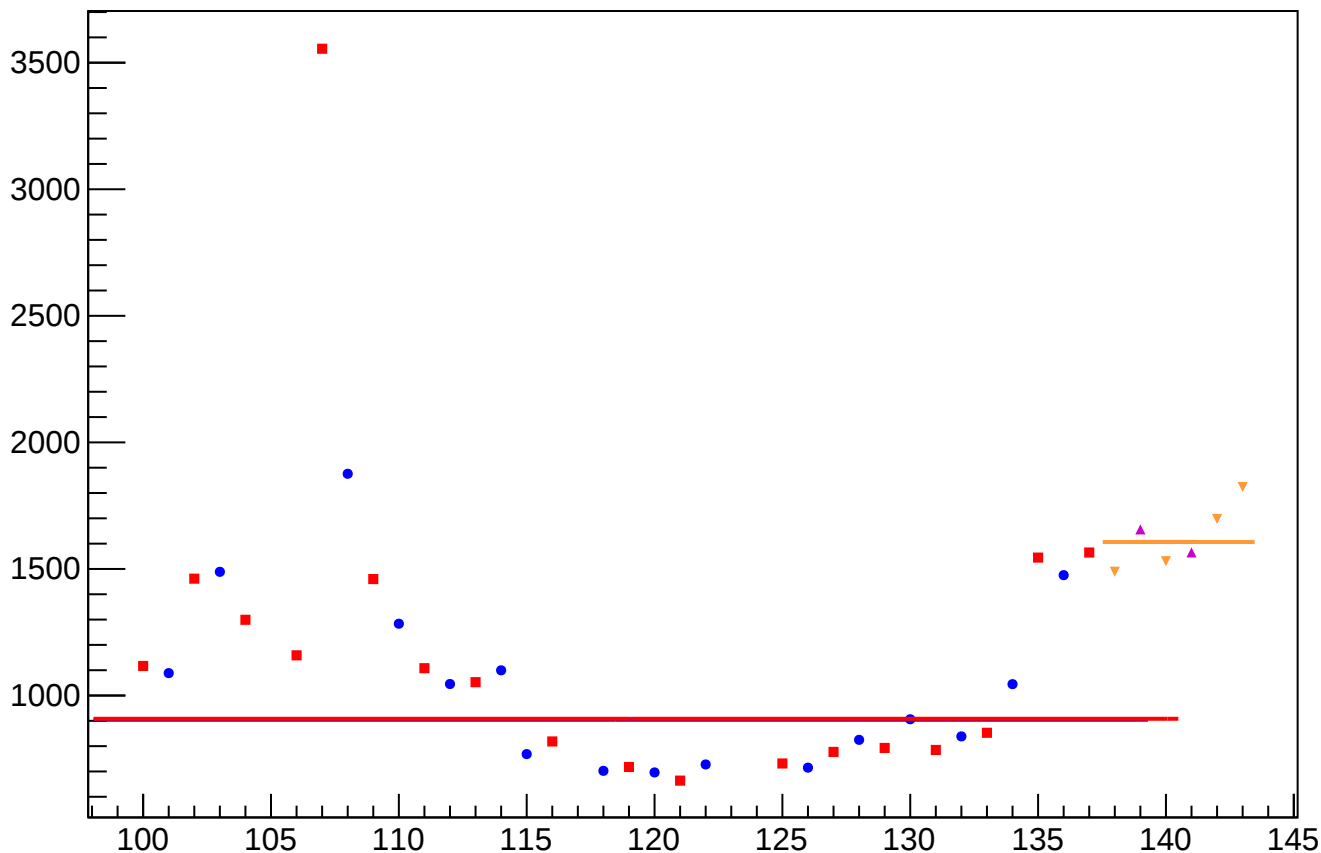
Right: 23.010 ± 257.185 χ^2/NDF : 47.0/33

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

Out: 345.598 ± 339.945 χ^2/NDF : 27.3/21

All: 60.192 ± 244.049 χ^2/NDF : 50.6/39

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1606.399+/-0.692 χ^2/NDF : 37166.6/3

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: 1606.539+/-0.547 χ^2/NDF : 39744.7/5

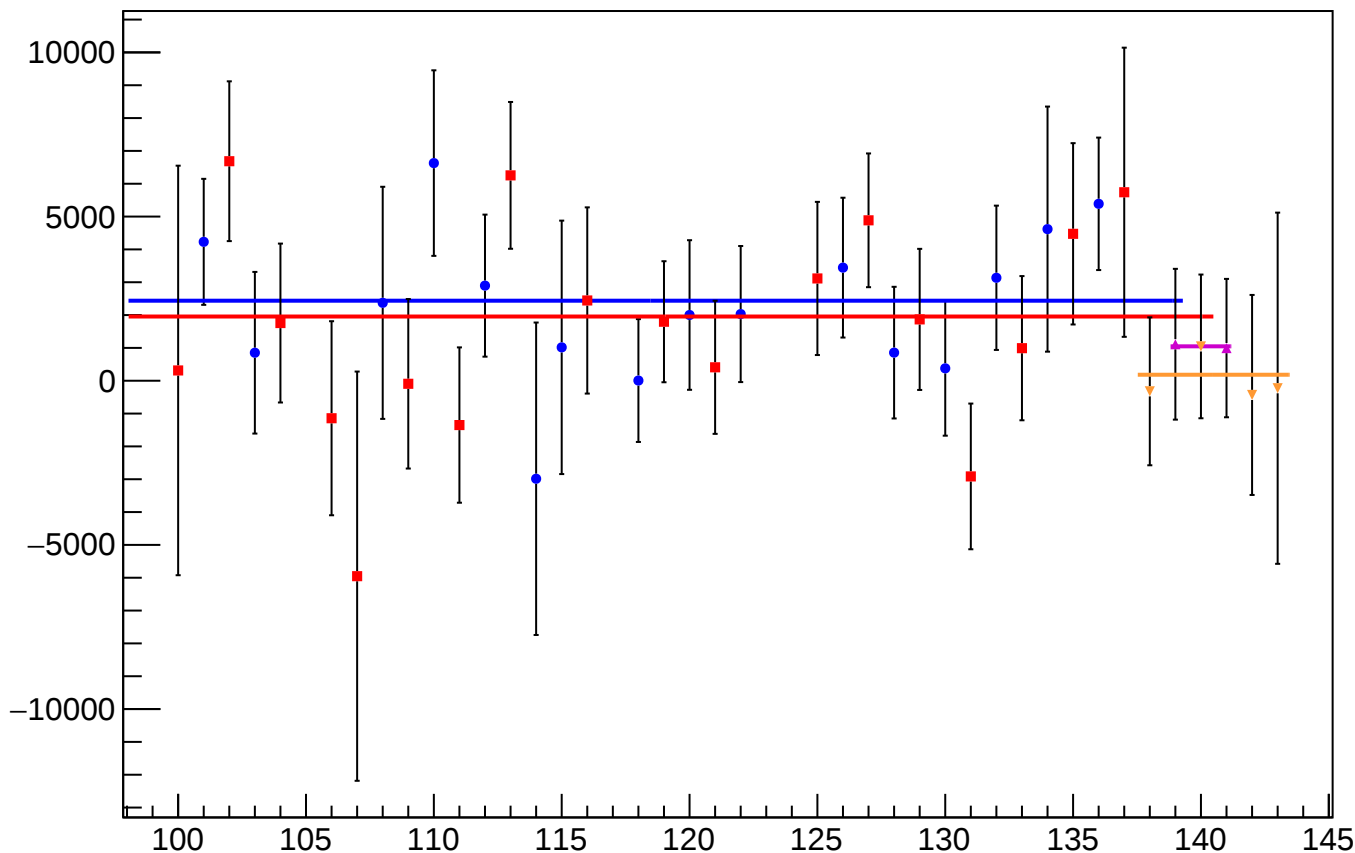
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

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

Out: 992.304+/-0.240 χ^2/NDF : 2312545.1/21

All: 976.033+/-0.173 χ^2/NDF : 3917662.0/39

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 182.535+/-1350.166 χ^2/NDF : 0.3/3

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: 555.147+/-1018.838 χ^2/NDF : 0.4/5

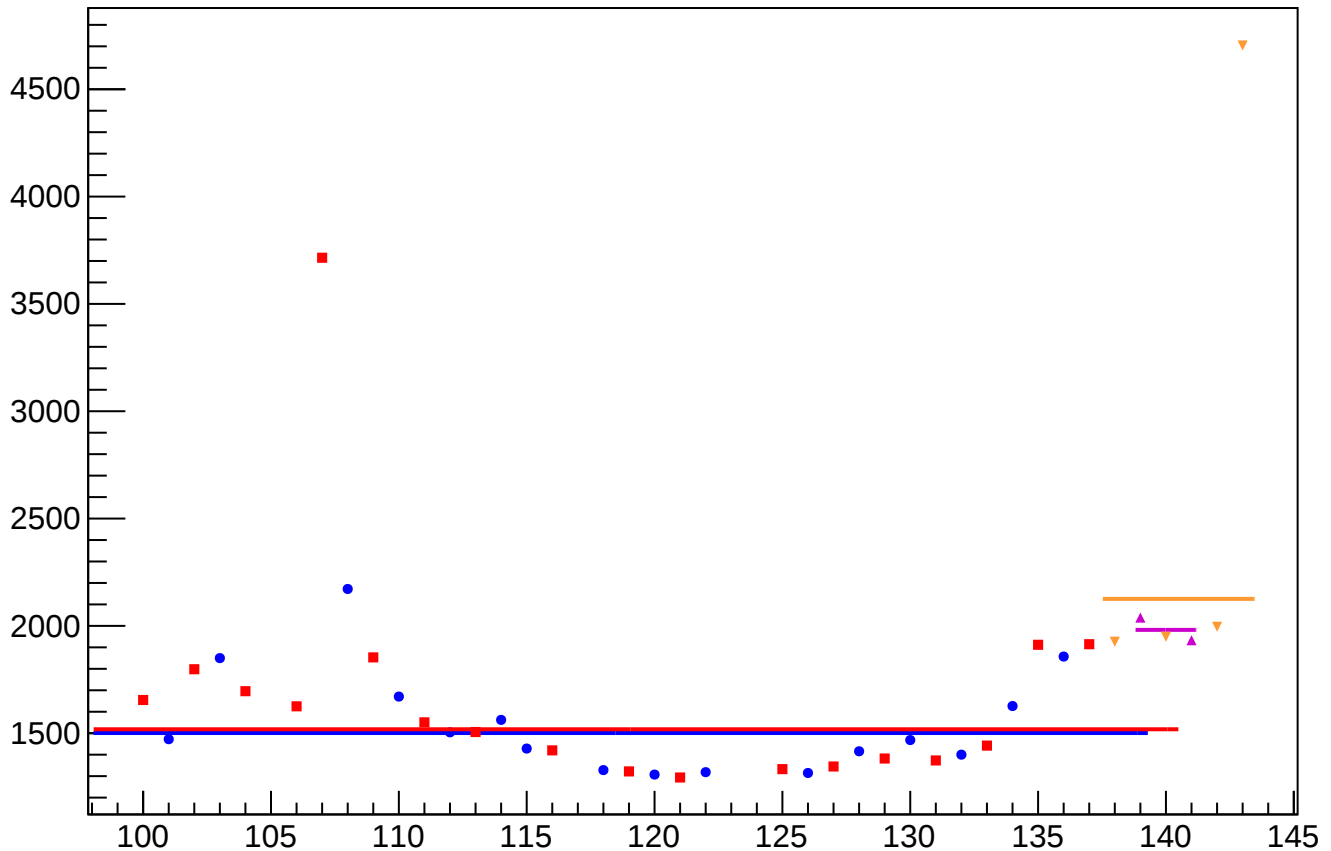
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

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

Out: 1676.350+/-536.073 χ^2/NDF : 24.1/21

All: 1963.539+/-383.359 χ^2/NDF : 36.5/39

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 2125.770+/-0.955 χ^2/NDF : 497084.5/3

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: 2063.610+/-0.720 χ^2/NDF : 509224.1/5

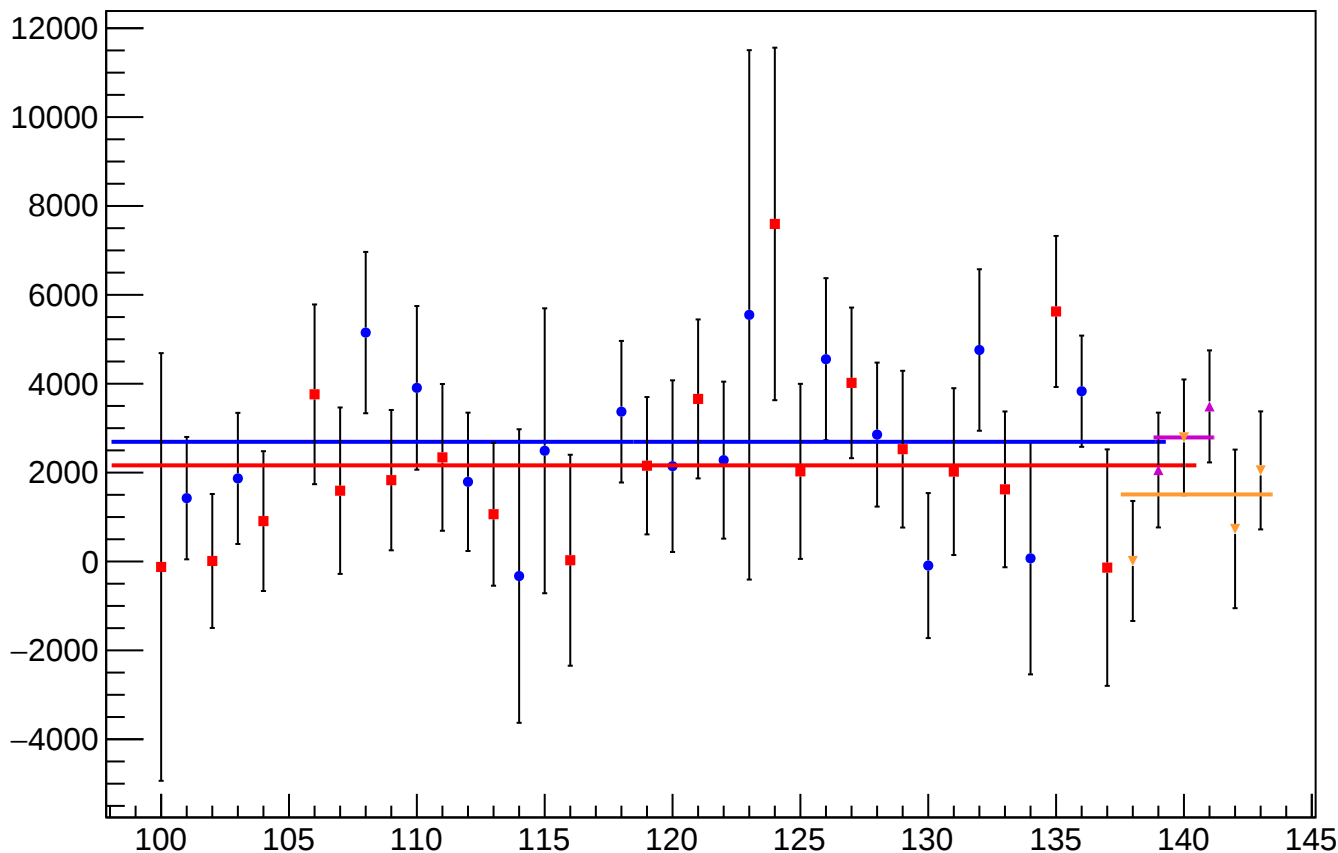
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

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

Out: 1614.086+/-0.379 χ^2/NDF : 1314102.9/21

All: 1588.046+/-0.271 χ^2/NDF : 1749978.4/39

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1508.808 $\pm$ 703.789 χ^2 /NDF:2.6/3

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: 1994.015 $\pm$ 554.888 χ^2 /NDF: 4.4/5

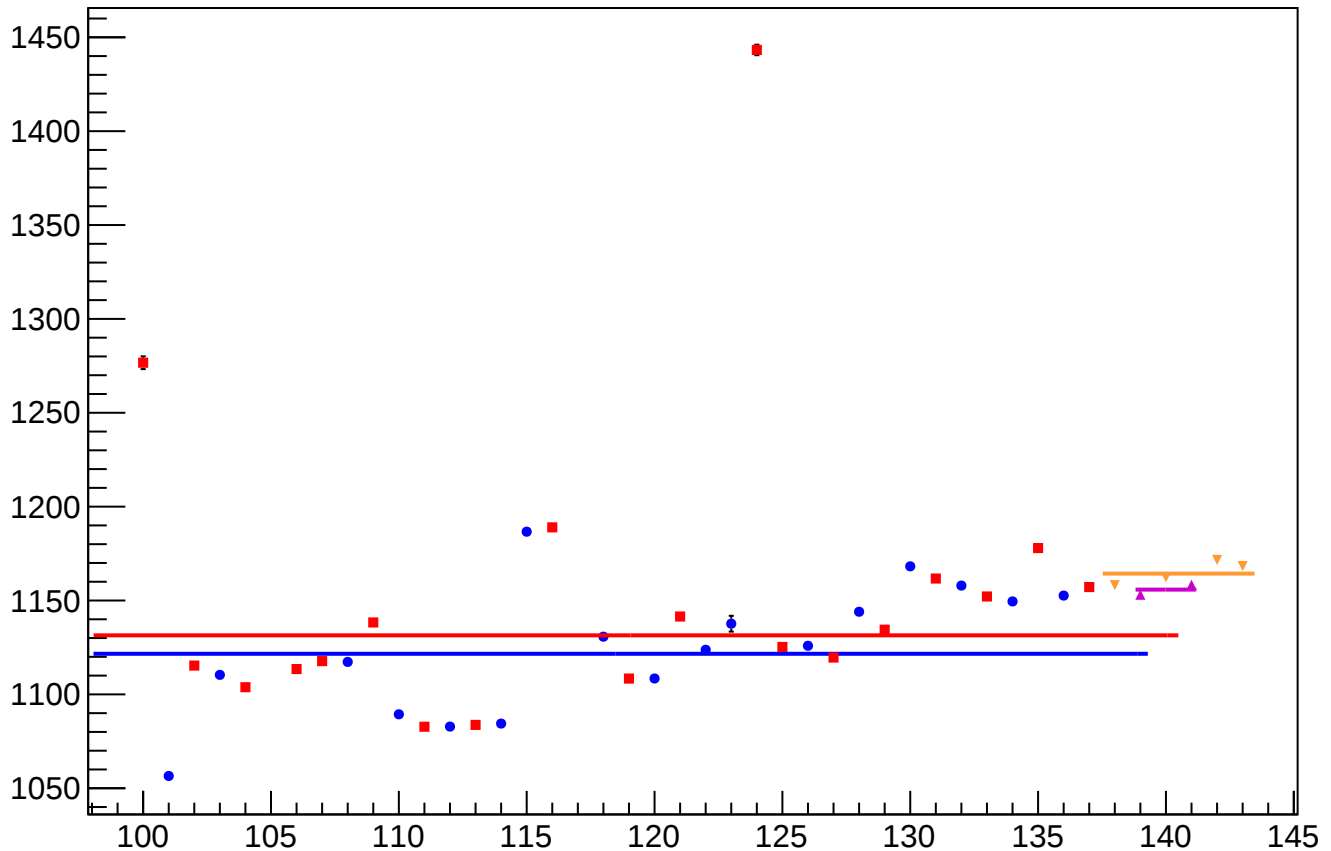
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

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

Out: 1988.990 $\pm$ 363.056 χ^2 /NDF:17.0/22

All: 2324.286 $\pm$ 265.759 χ^2 /NDF: 31.7/41

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1164.333 $\pm$ 0.498 χ^2 /NDF:98.0/3

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

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

Left: 1161.108 $\pm$ 0.392 χ^2 /NDF: 226.4/5

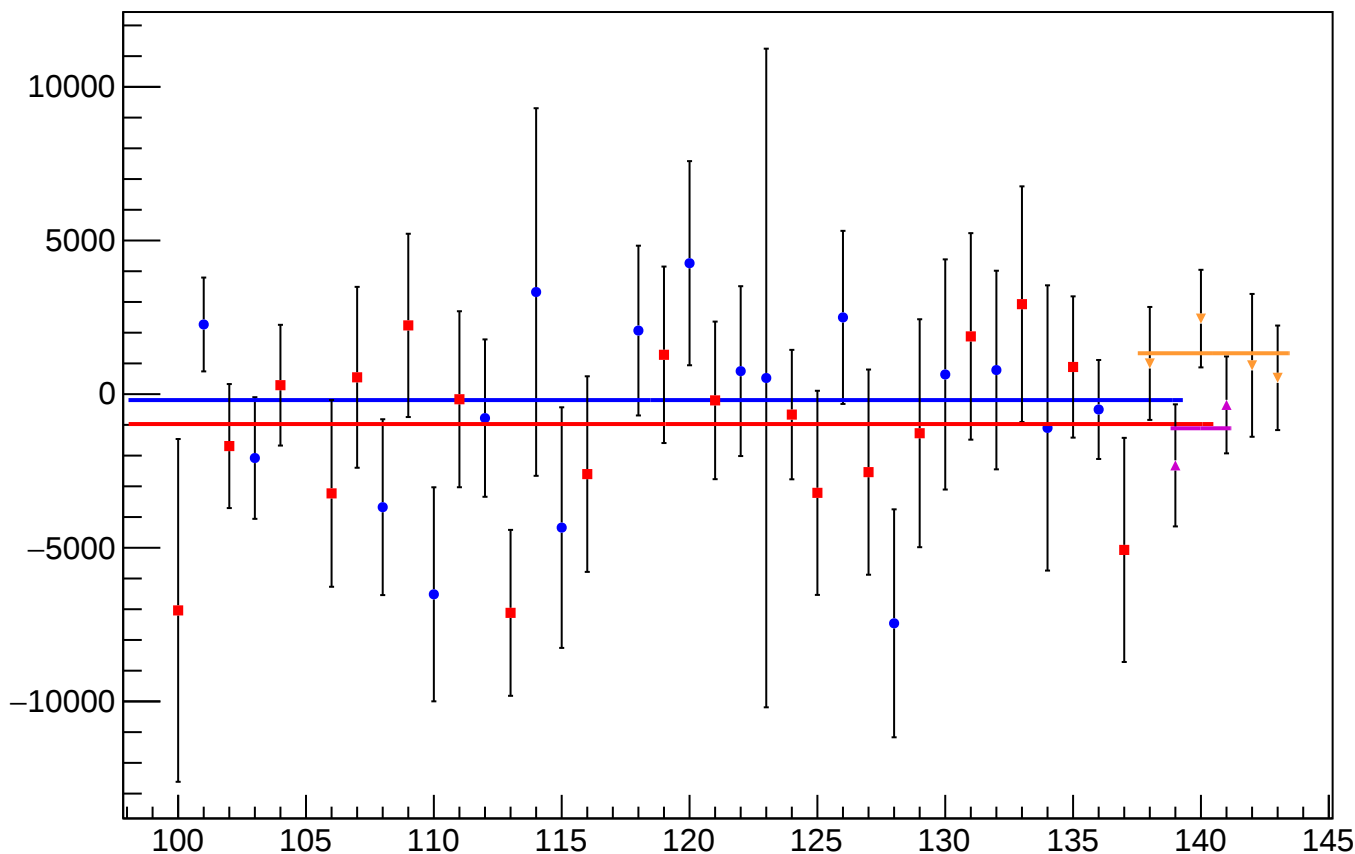
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

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

Out: 1140.201 $\pm$ 0.257 χ^2 /NDF:26413.7/22

All: 1134.547 $\pm$ 0.188 χ^2 /NDF: 41791.8/41

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1330.714+/-904.138 χ^2/NDF : 0.8/3

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: 478.999+/-729.601 χ^2/NDF : 3.9/5

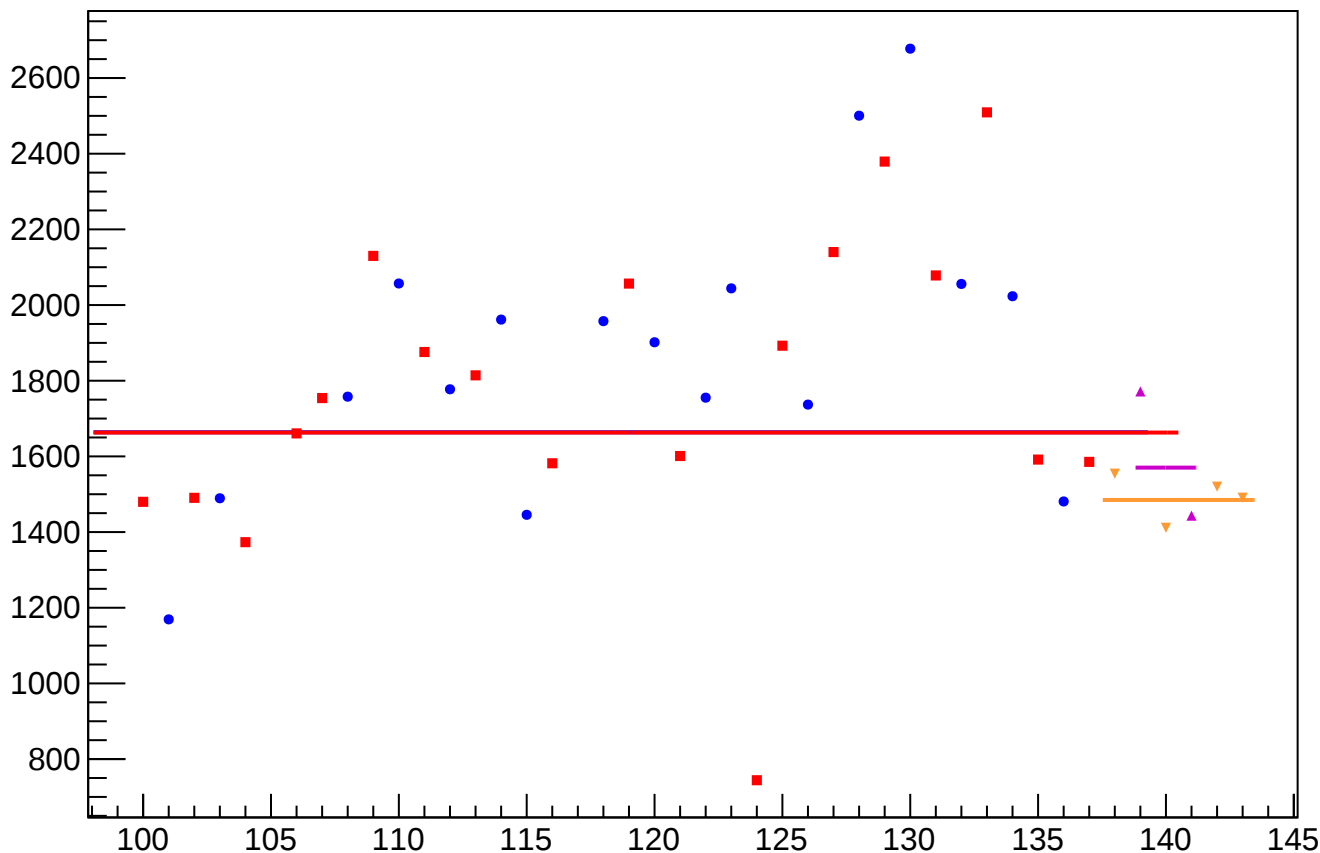
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

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

Out: -196.114+/-525.107 χ^2/NDF : 19.4/22

All: -286.322+/-389.985 χ^2/NDF : 37.8/41

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1484.873+/-0.639 χ^2/NDF : 7633.7/3

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: 1514.674+/-0.516 χ^2/NDF : 47371.8/5

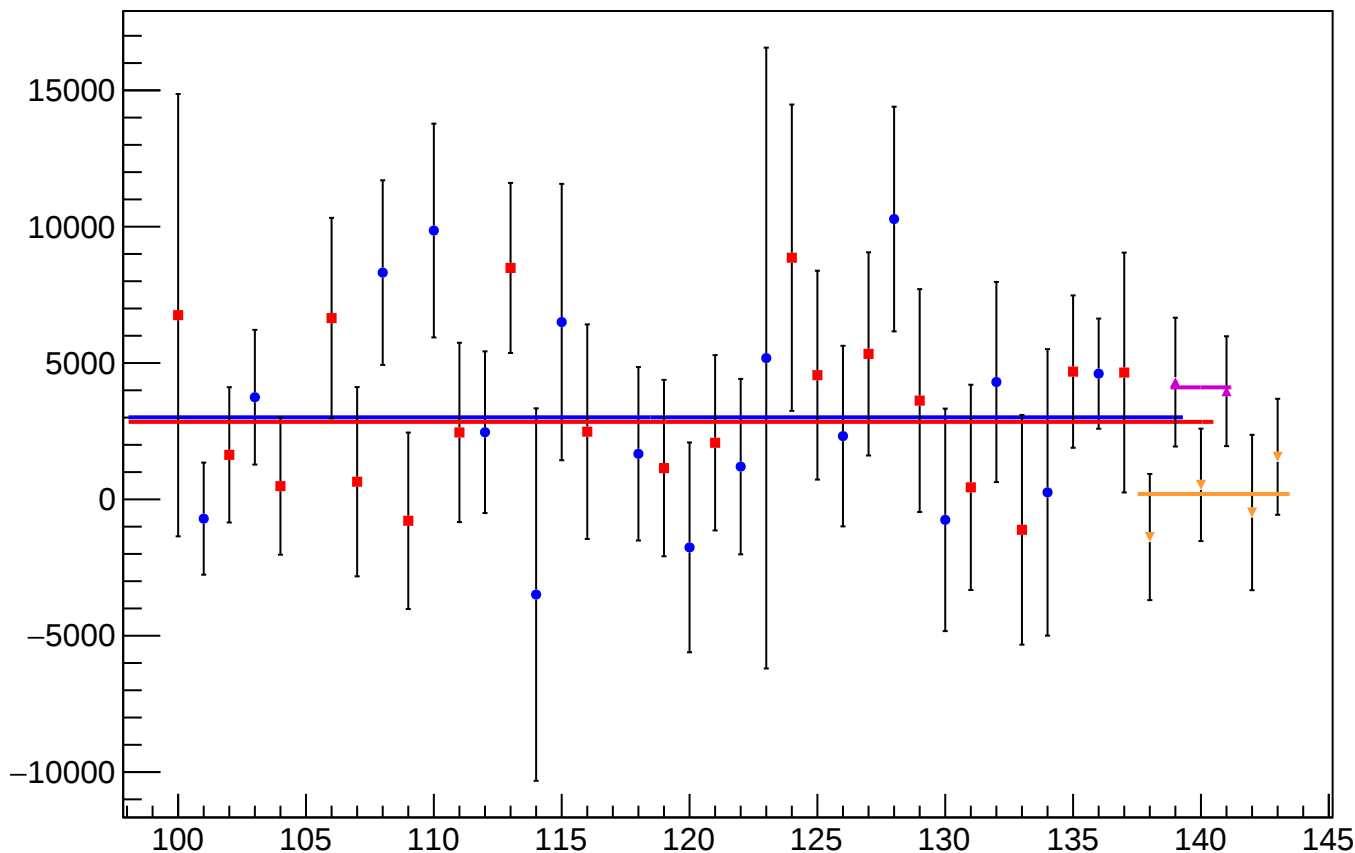
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

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

Out: 1602.907+/-0.371 χ^2/NDF : 864043.2/22

All: 1620.888+/-0.276 χ^2/NDF : 1534165.2/41

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 199.376+/-1142.076 χ^2/NDF : 1.0/3

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: 1594.804+/-915.765 χ^2/NDF : 5.2/5

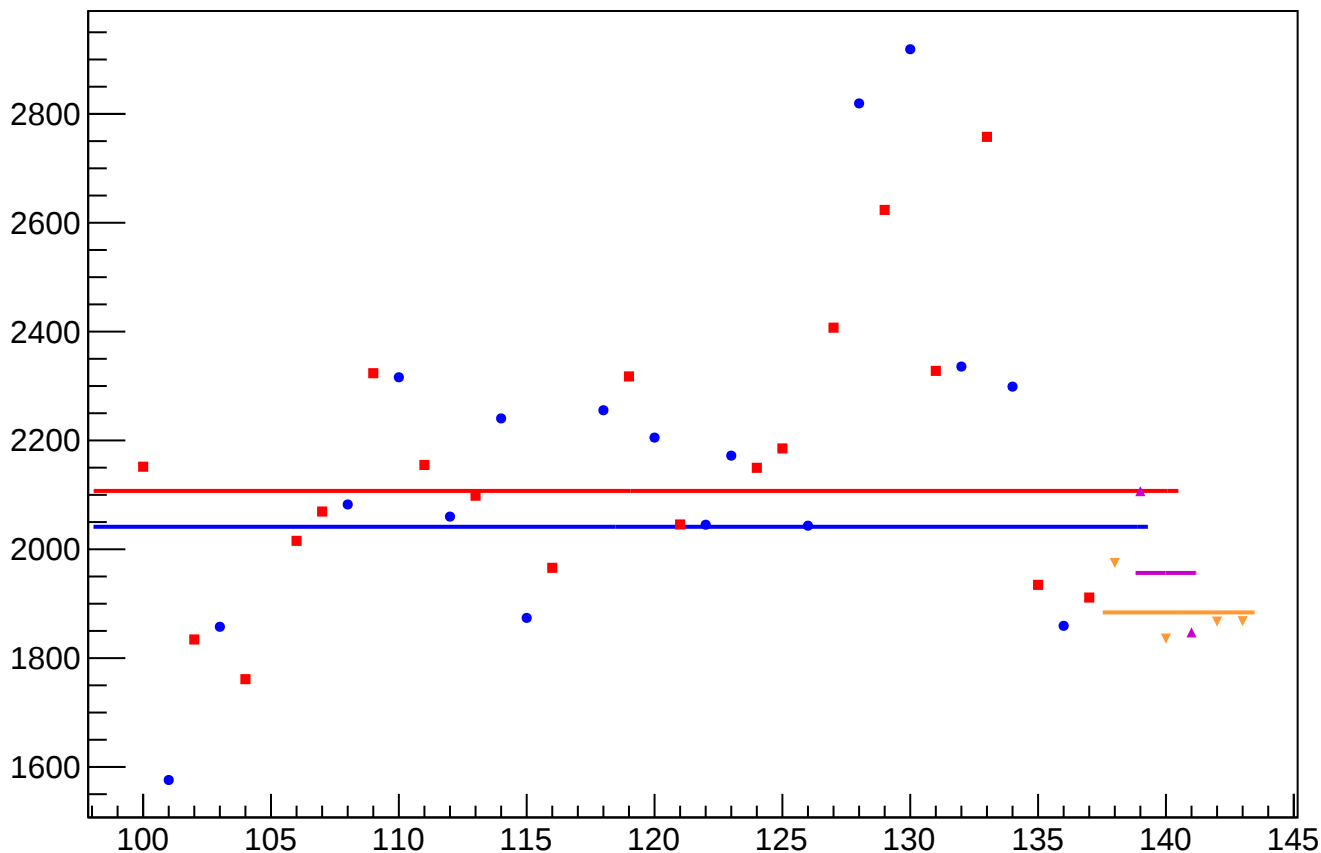
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

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

Out: 1978.392+/-652.887 χ^2/NDF : 16.0/22

All: 2559.294+/-480.258 χ^2/NDF : 35.5/41

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1883.990+/-0.808 χ^2/NDF : 4360.2/3

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: 1909.900+/-0.648 χ^2/NDF : 21221.2/5

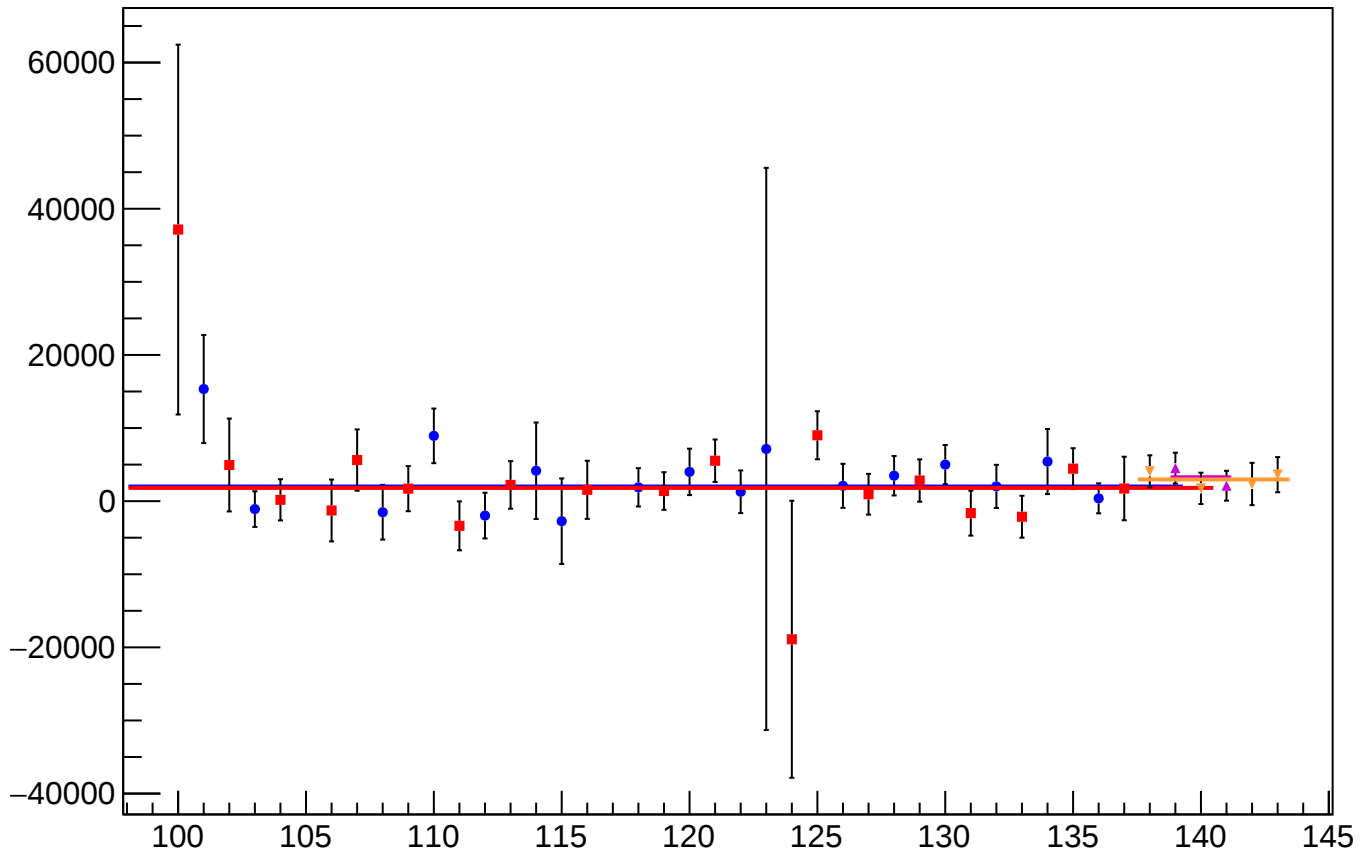
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

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

Out: 2034.306+/-0.462 χ^2/NDF : 252606.3/22

All: 2029.212+/-0.340 χ^2/NDF : 610098.3/41

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2973.031+/-1180.510 χ^2/NDF : 0.7/3

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: 3089.038+/-920.188 χ^2/NDF : 1.4/5

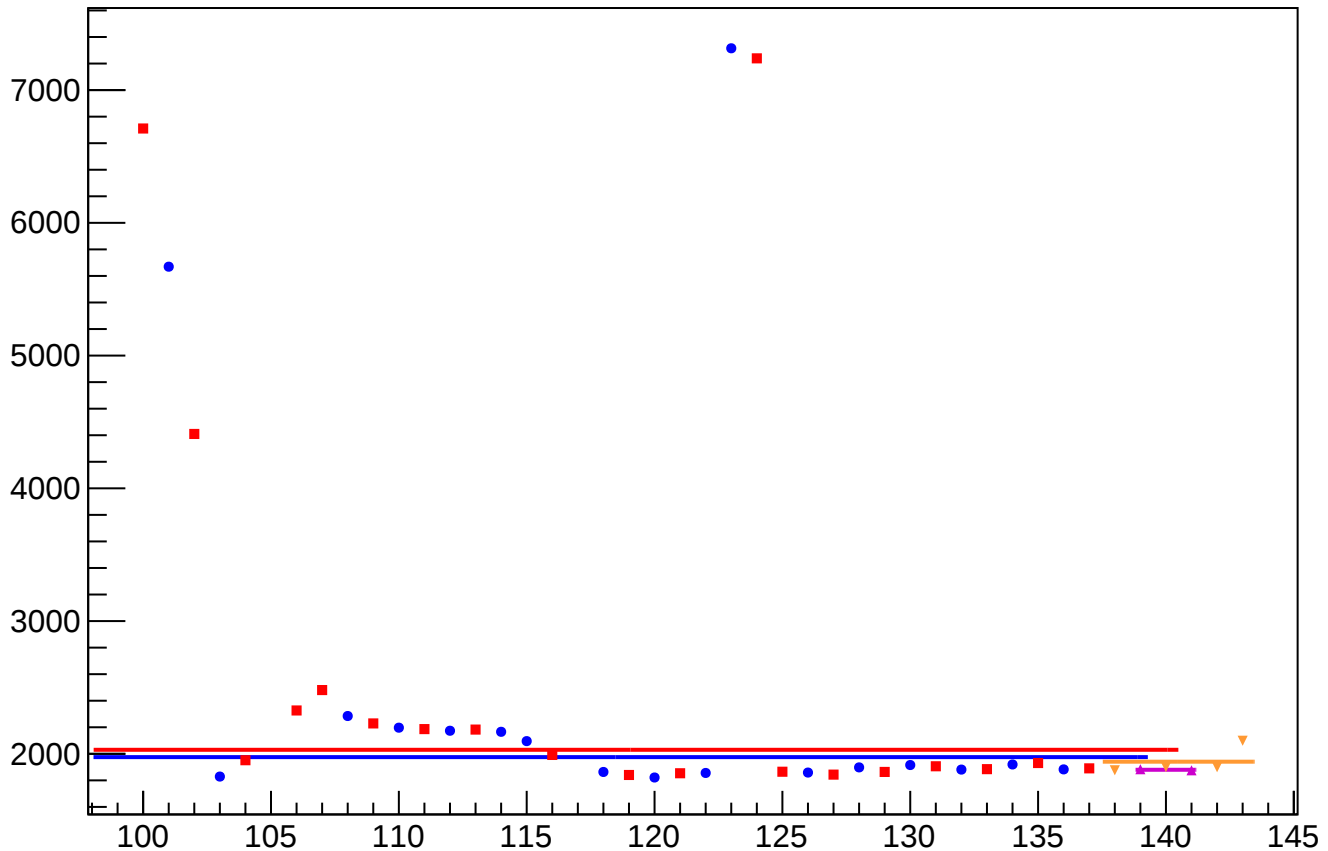
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

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

Out: 2168.241+/-651.625 χ^2/NDF : 19.6/22

All: 2220.854+/-473.759 χ^2/NDF : 35.7/41

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1940.734+/-0.835 χ^2/NDF : 11496.3/3

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: 1916.810+/-0.651 χ^2/NDF : 13604.8/5

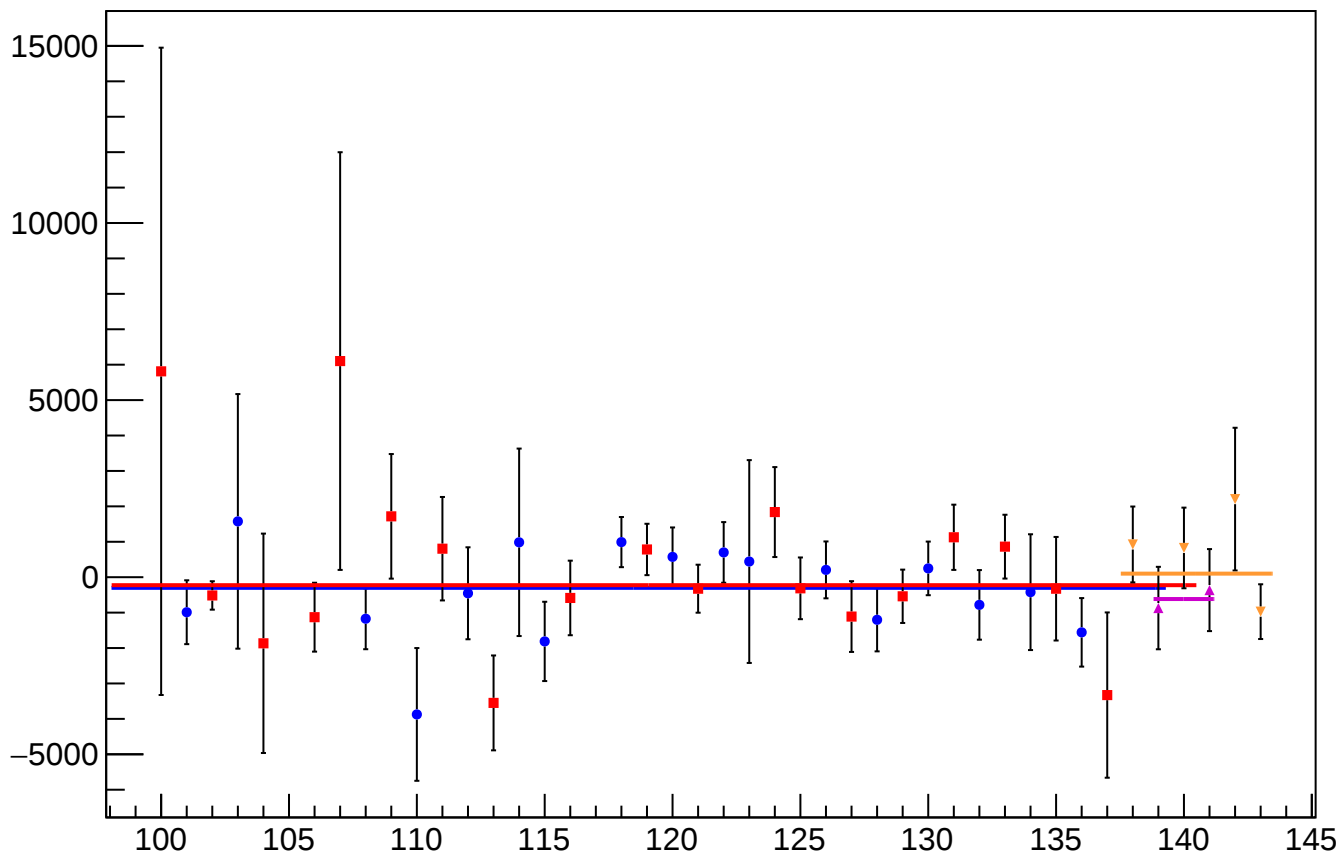
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 2003.040+/-0.461 χ^2/NDF : 623432.3/22

All: 1979.956+/-0.335 χ^2/NDF : 1235169.4/41

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 100.666+/-529.659 χ^2/NDF : 4.0/3

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: -110.103+/-445.055 χ^2/NDF : 4.7/5

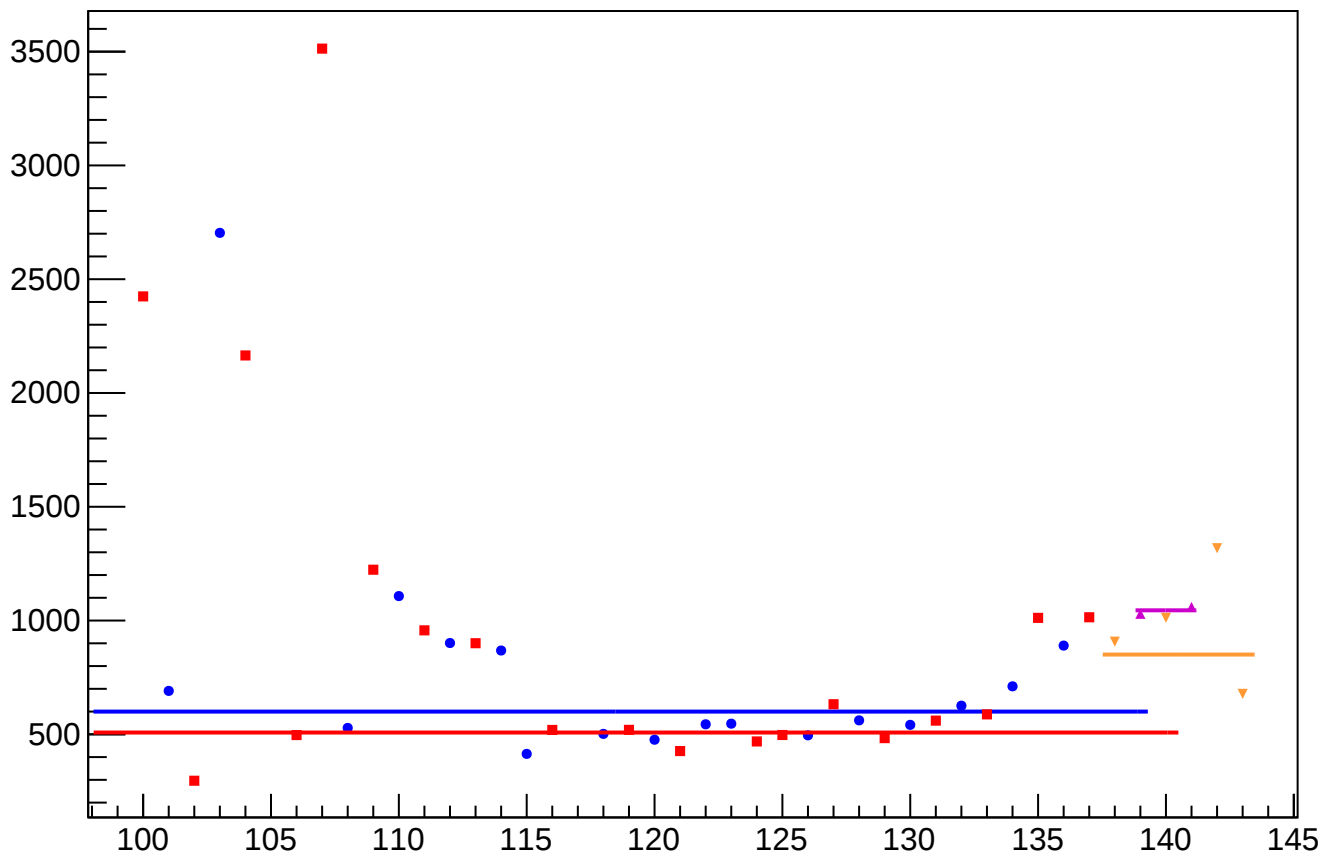
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

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

Out: -179.093+/-199.662 χ^2/NDF : 26.5/22

All: -240.397+/-152.479 χ^2/NDF : 44.4/41

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 850.559+/-0.375 χ^2/NDF : 253388.9/3

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: 907.701+/-0.315 χ^2/NDF : 333260.0/5

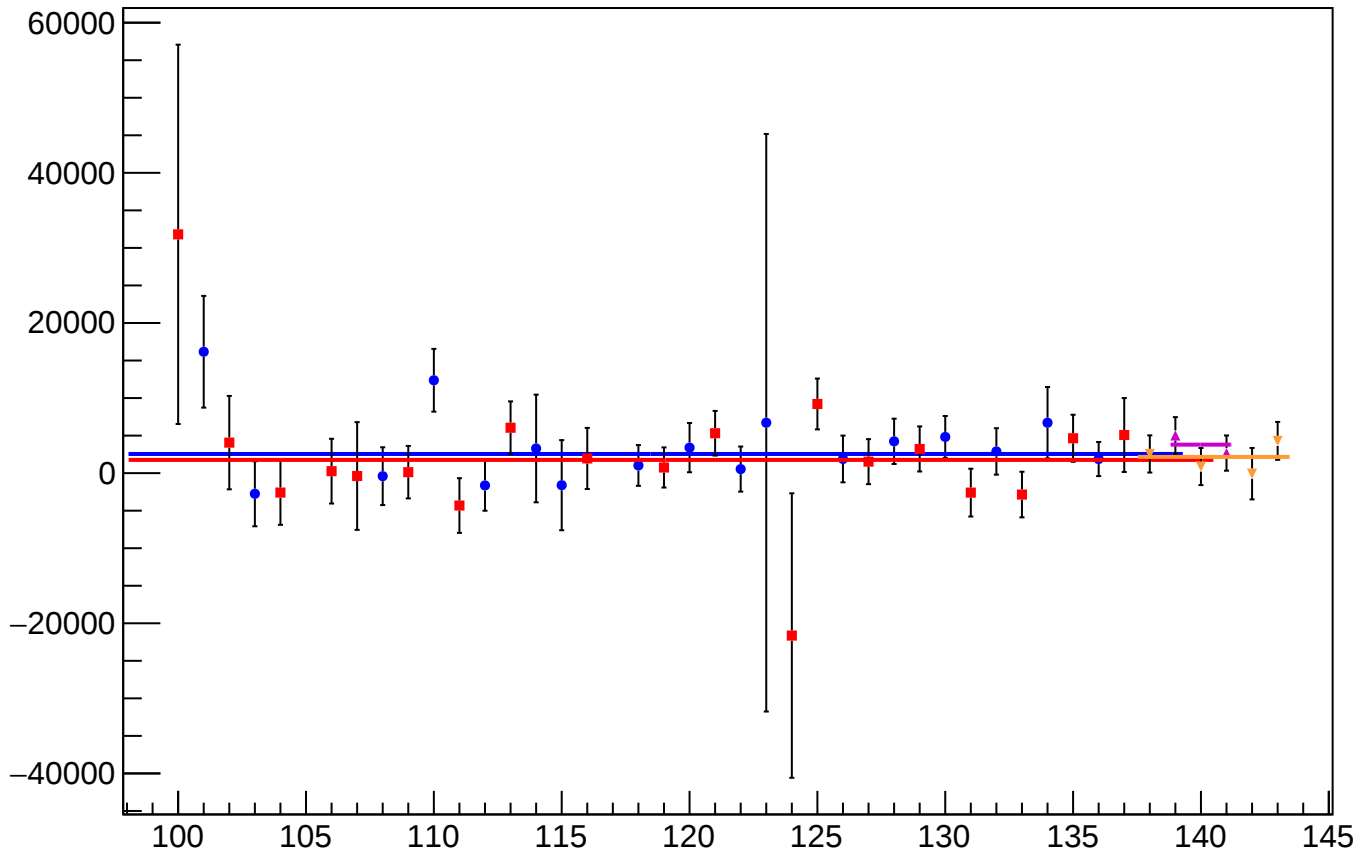
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

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

Out: 556.629+/-0.141 χ^2/NDF : 3820216.4/22

All: 590.040+/-0.108 χ^2/NDF : 5875413.5/41

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2159.745 $\pm$ 1325.588 χ^2/NDF : 1.4/3

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: 2781.610 $\pm$ 1043.713 χ^2/NDF : 2.5/5

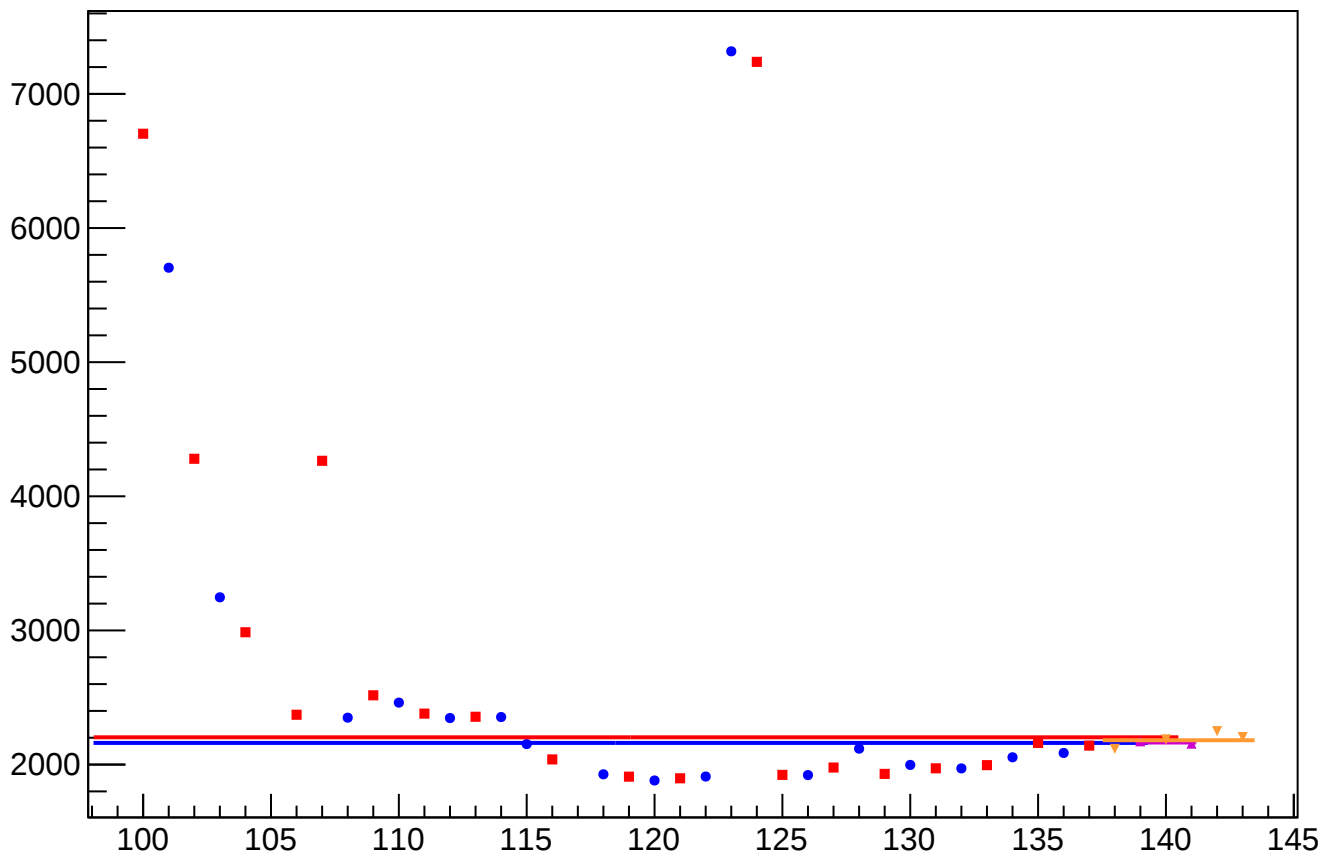
Right: 2155.591 $\pm$ 605.836 χ^2/NDF : 37.1/35

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

Out: 1878.439 $\pm$ 718.313 χ^2/NDF : 22.4/22

All: 2313.361 $\pm$ 523.962 χ^2/NDF : 39.8/41

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2181.445+/-0.937 χ^2/NDF :2301.4/3

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: 2174.976+/-0.738 χ^2/NDF : 2479.4/5

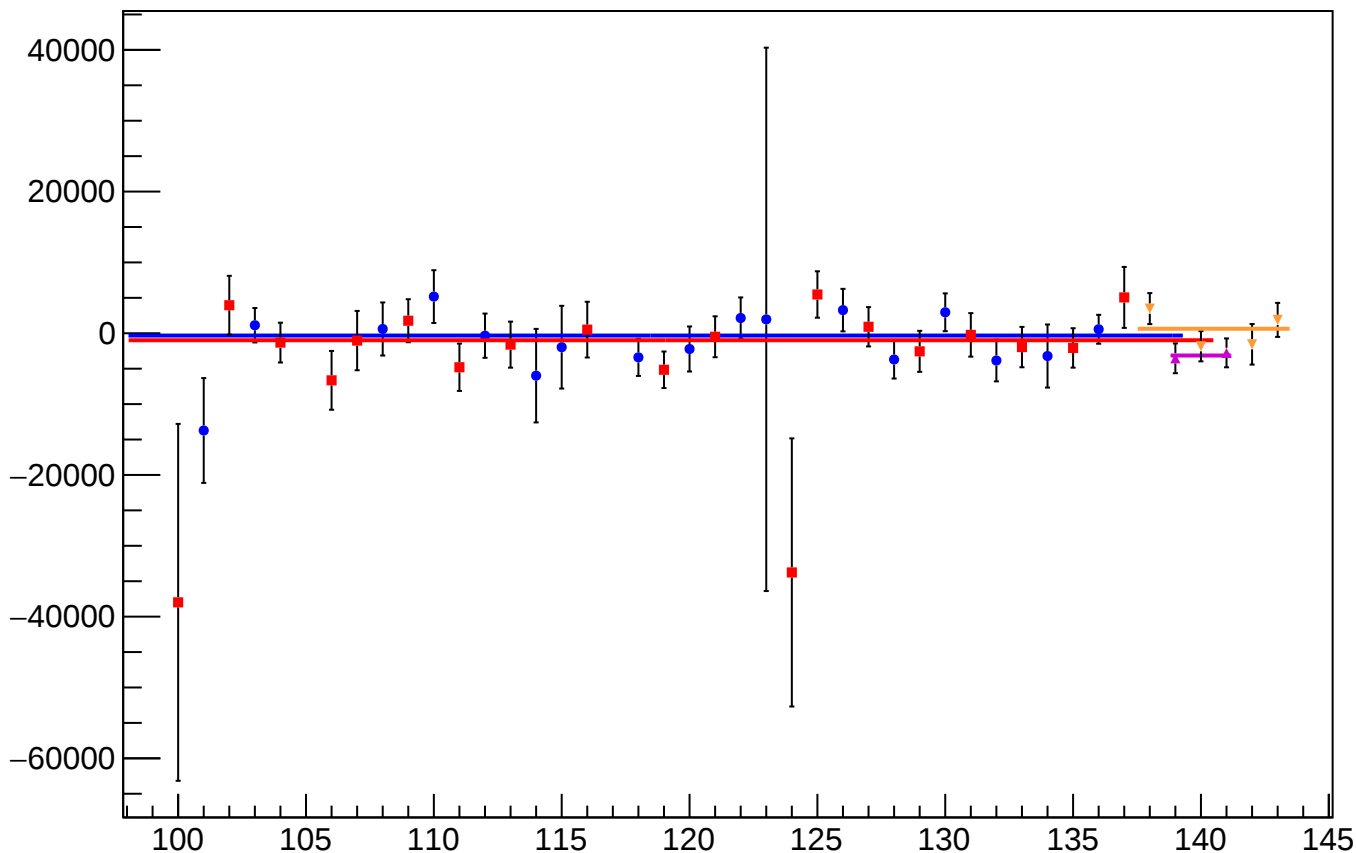
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

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

Out: 2196.913+/-0.508 χ^2/NDF :800080.1/22

All: 2180.592+/-0.370 χ^2/NDF : 1513597.6/41

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 636.877+/-1175.282 χ^2/NDF : 3.9/3

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: -845.218+/-916.172 χ^2/NDF : 8.0/5

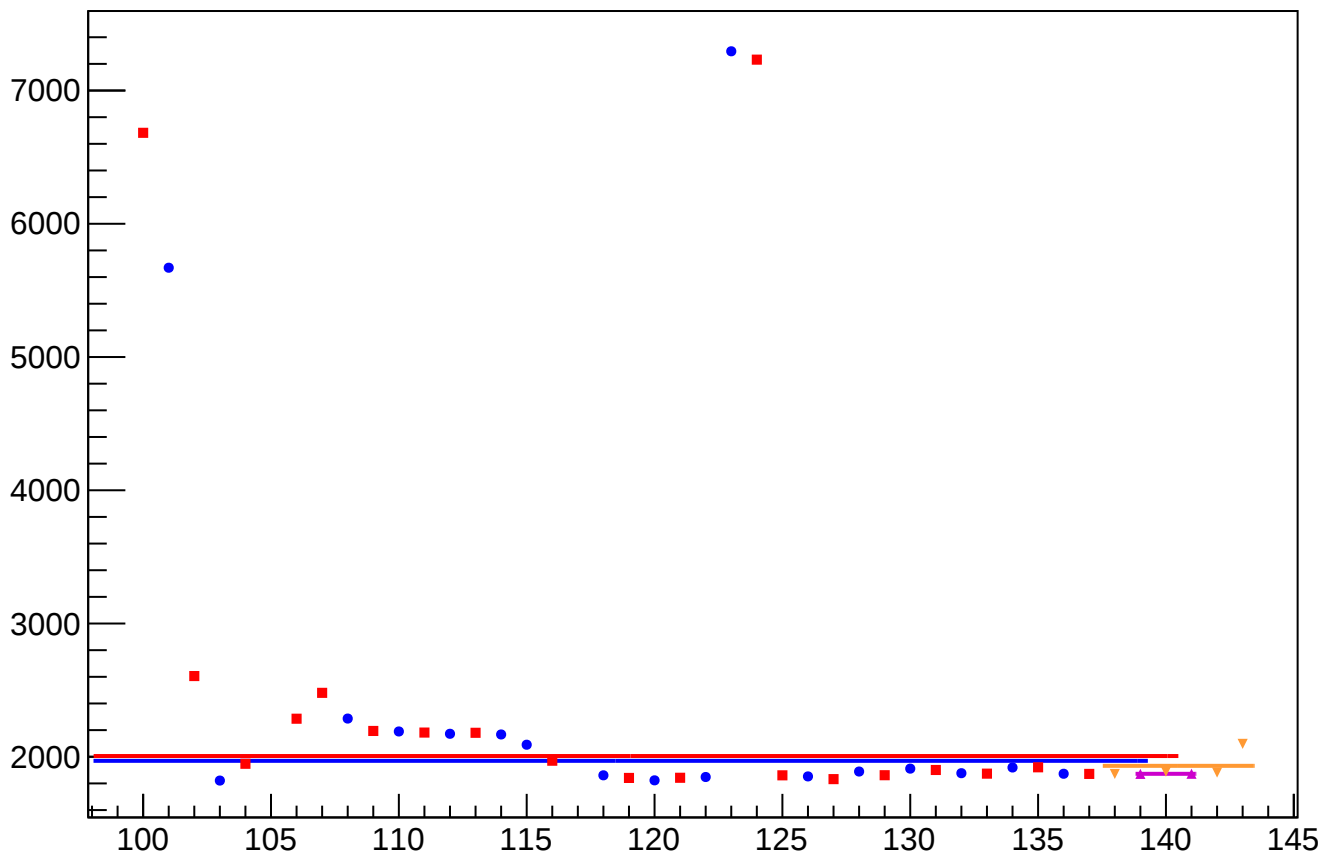
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

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

Out: -498.605+/-644.034 χ^2/NDF : 25.6/22

All: -707.976+/-470.150 χ^2/NDF : 44.5/41

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1931.950+/-0.831 χ^2/NDF :12445.8/3

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: 1908.447+/-0.648 χ^2/NDF : 14484.6/5

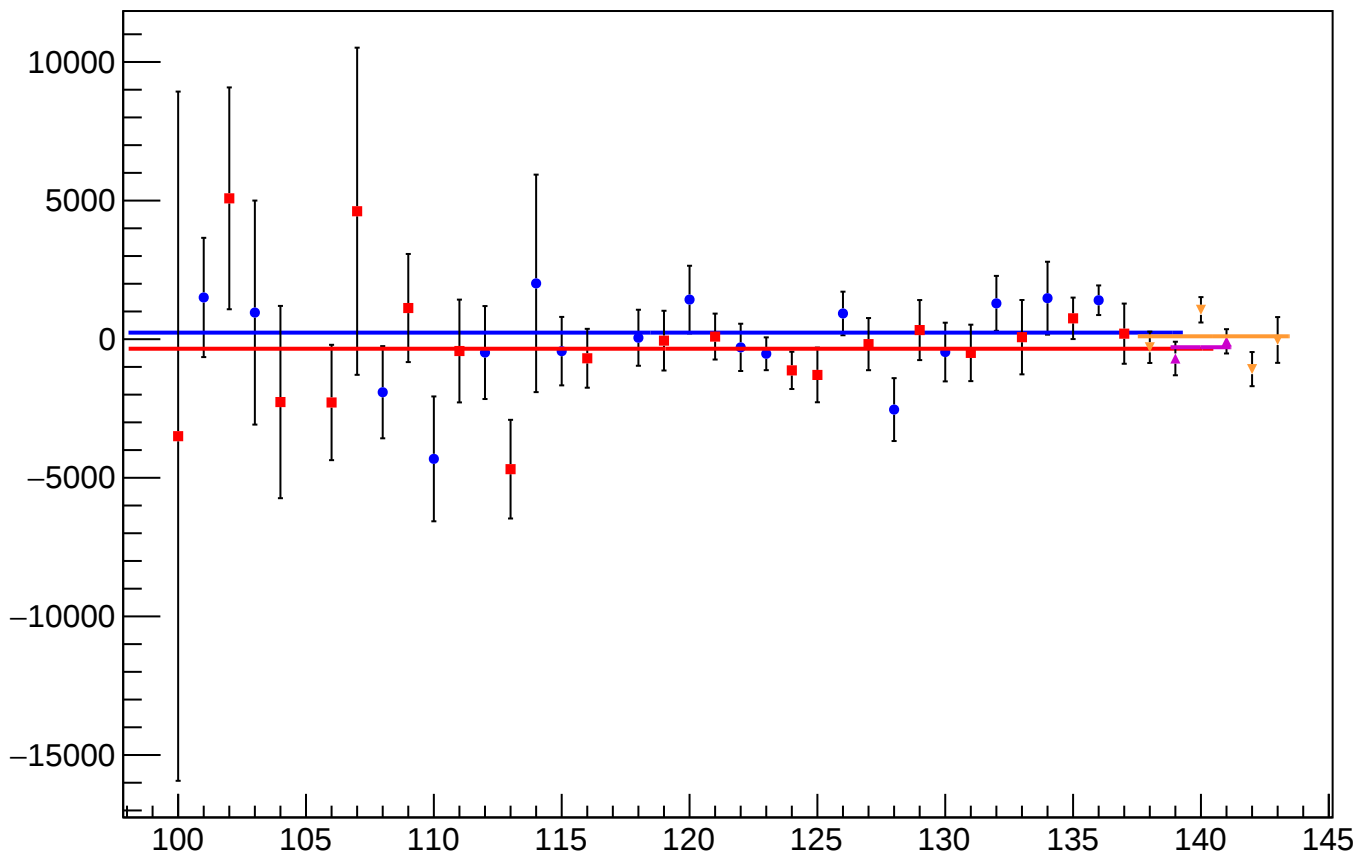
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

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

Out: 1983.450+/-0.455 χ^2/NDF :377579.0/22

All: 1966.863+/-0.332 χ^2/NDF : 990143.6/41

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 104.359 $\pm$ 288.654 χ^2 /NDF:8.6/3

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: -52.658 $\pm$ 223.913 χ^2 /NDF: 10.0/5

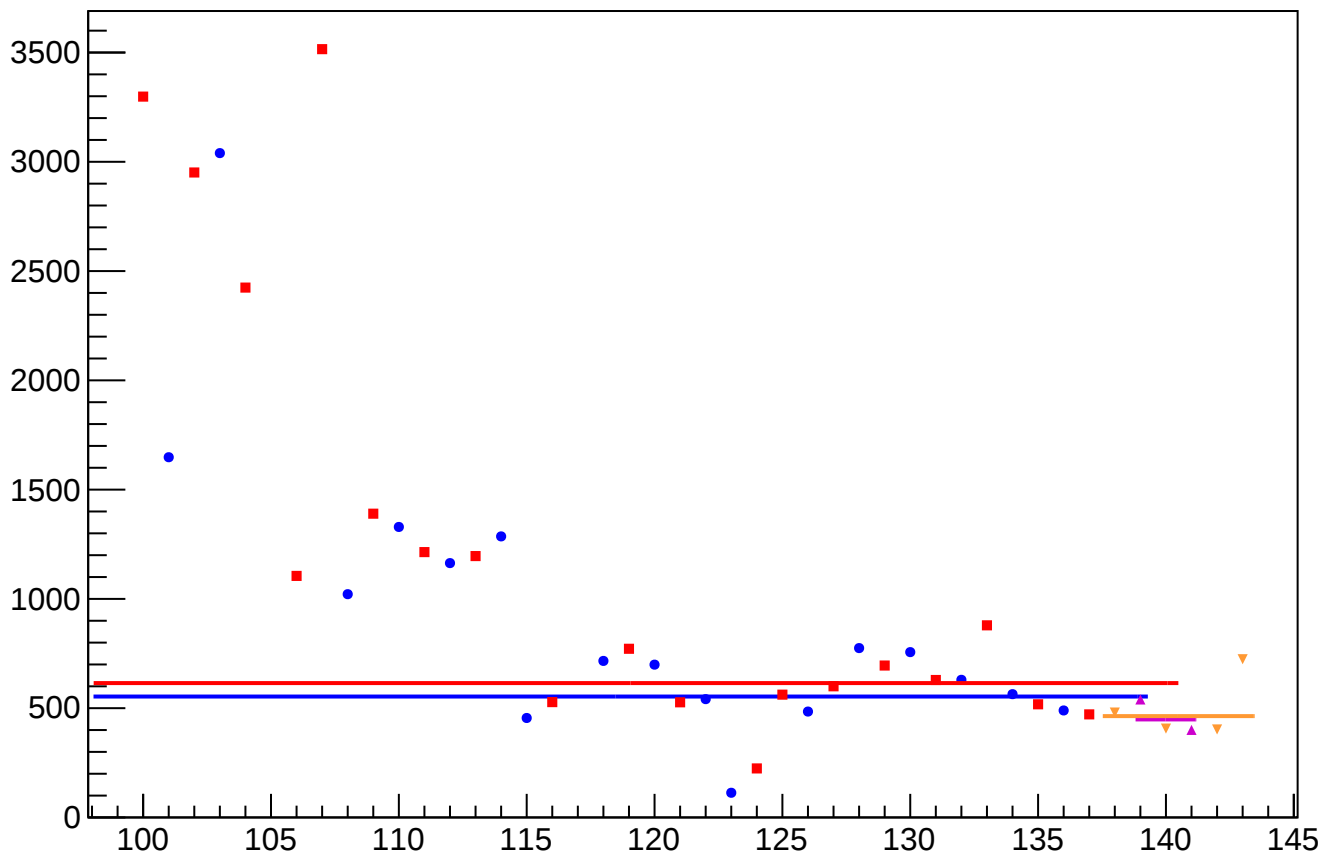
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

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

Out: -136.147 $\pm$ 196.604 χ^2 /NDF:25.8/22

All: -39.855 $\pm$ 141.429 χ^2 /NDF: 52.4/41

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 463.680+/-0.204 χ^2/NDF : 251070.2/3

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: 457.637+/-0.158 χ^2/NDF : 322773.9/5

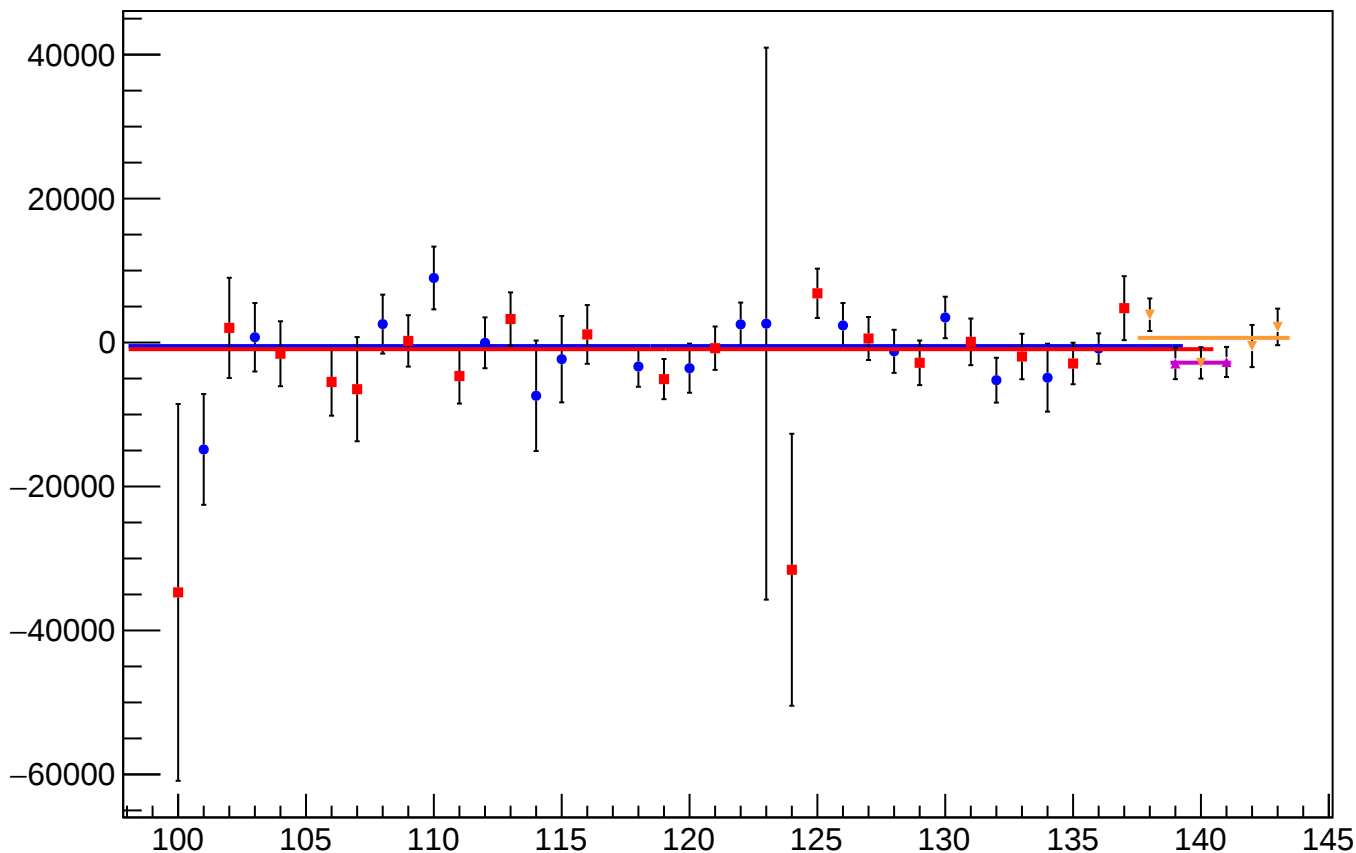
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

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

Out: 544.710+/-0.139 χ^2/NDF : 4114667.1/22

All: 532.198+/-0.100 χ^2/NDF : 7730675.2/41

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 651.980+/-1215.805 χ^2/NDF : 5.1/3

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: -705.354+/-946.564 χ^2/NDF : 8.2/5

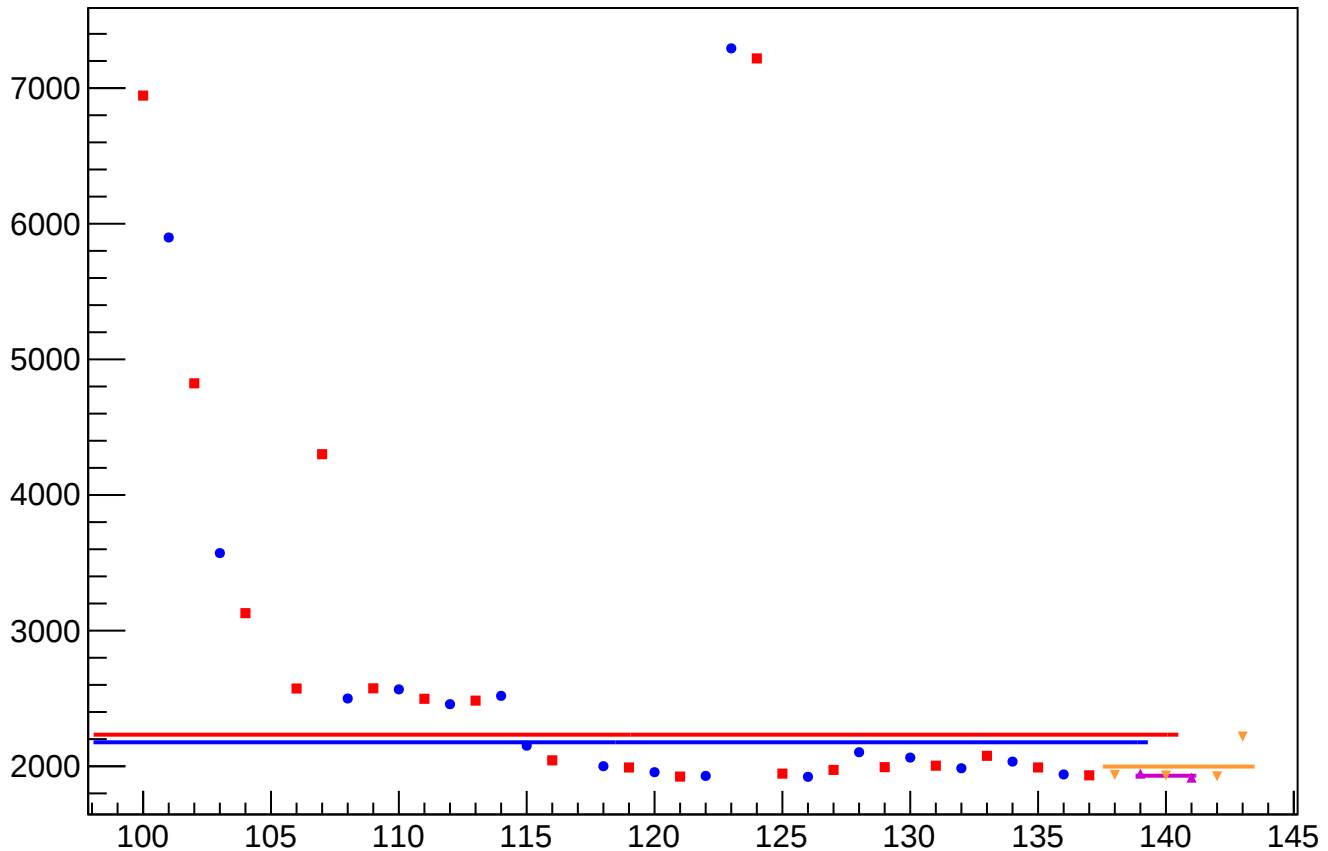
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

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

Out: -390.003+/-706.796 χ^2/NDF : 25.1/22

All: -706.341+/-515.118 χ^2/NDF : 45.9/41

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1997.629 $\pm$ 0.860 χ^2 /NDF:19634.6/3

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: 1971.147 $\pm$ 0.669 χ^2 /NDF: 22231.6/5

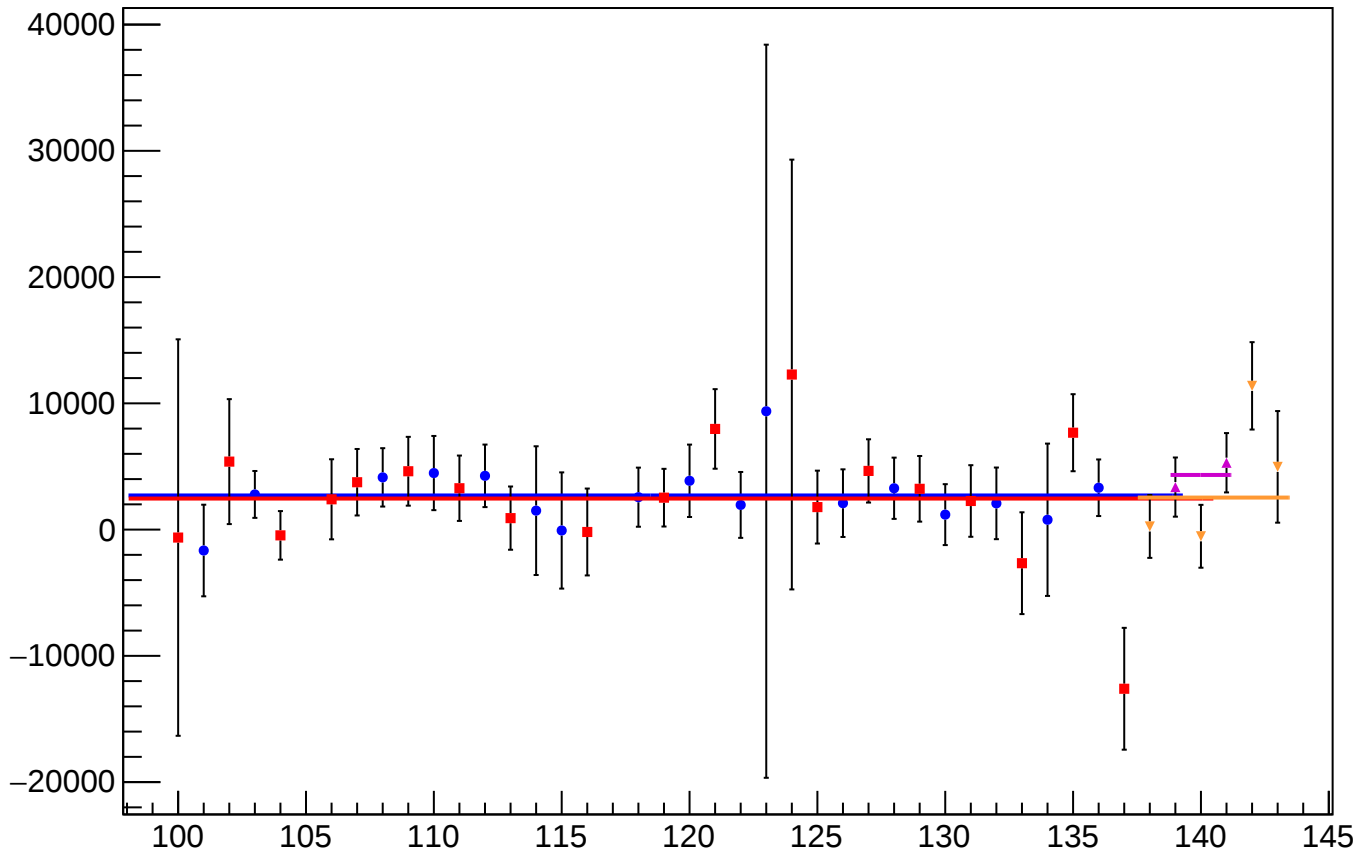
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

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

Out: 2153.378 $\pm$ 0.500 χ^2 /NDF:959762.6/22

All: 2135.599 $\pm$ 0.364 χ^2 /NDF: 1805409.8/41

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 2536.890 $\pm$ 1478.830 χ^2 /NDF:9.2/3

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: 3329.860 $\pm$ 1104.004 χ^2 /NDF: 10.2/5

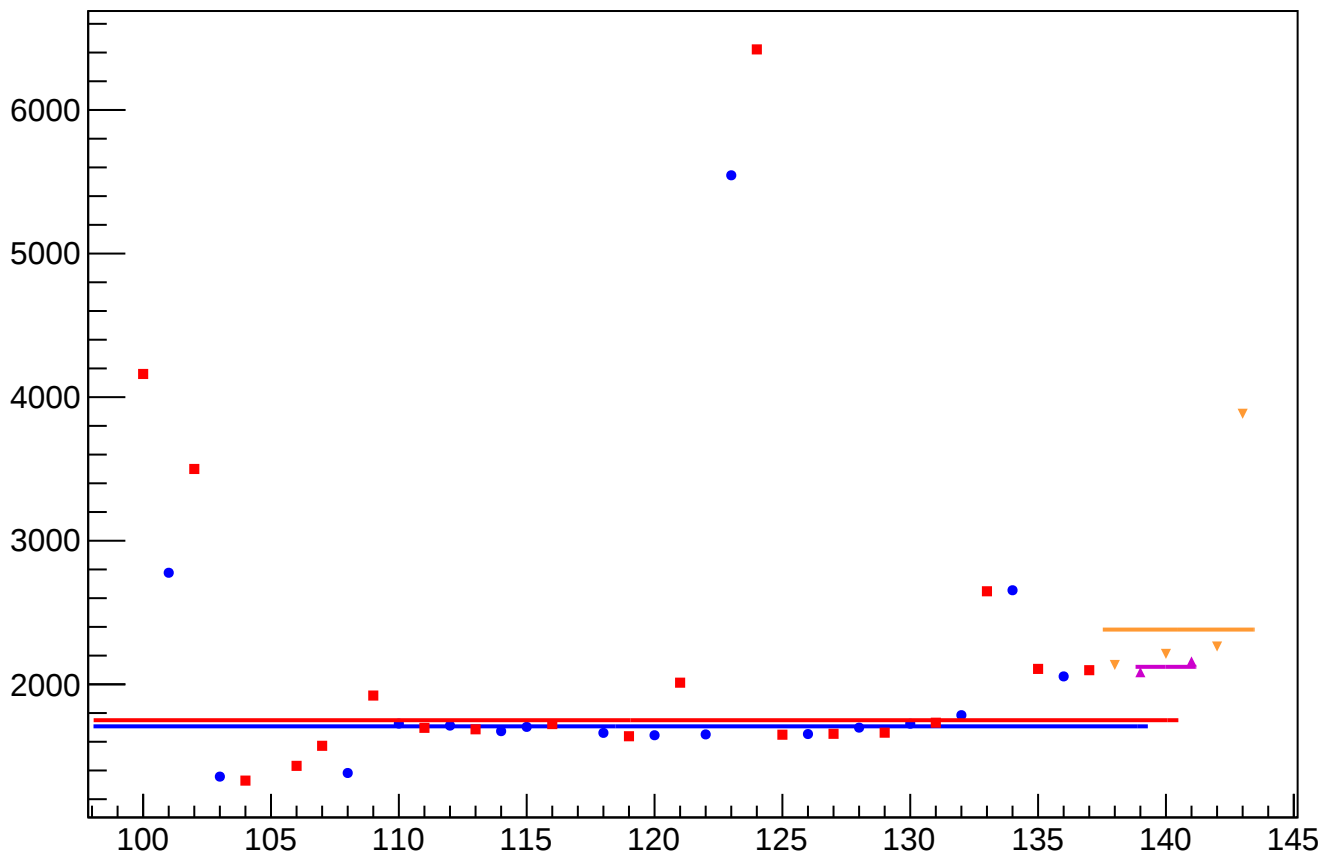
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

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

Out: 2472.462 $\pm$ 619.786 χ^2 /NDF:32.4/22

All: 2701.305 $\pm$ 439.866 χ^2 /NDF: 37.9/41

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2381.285+/-1.046 χ^2/NDF : 262395.4/3

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: 2266.420+/-0.781 χ^2/NDF : 290677.2/5

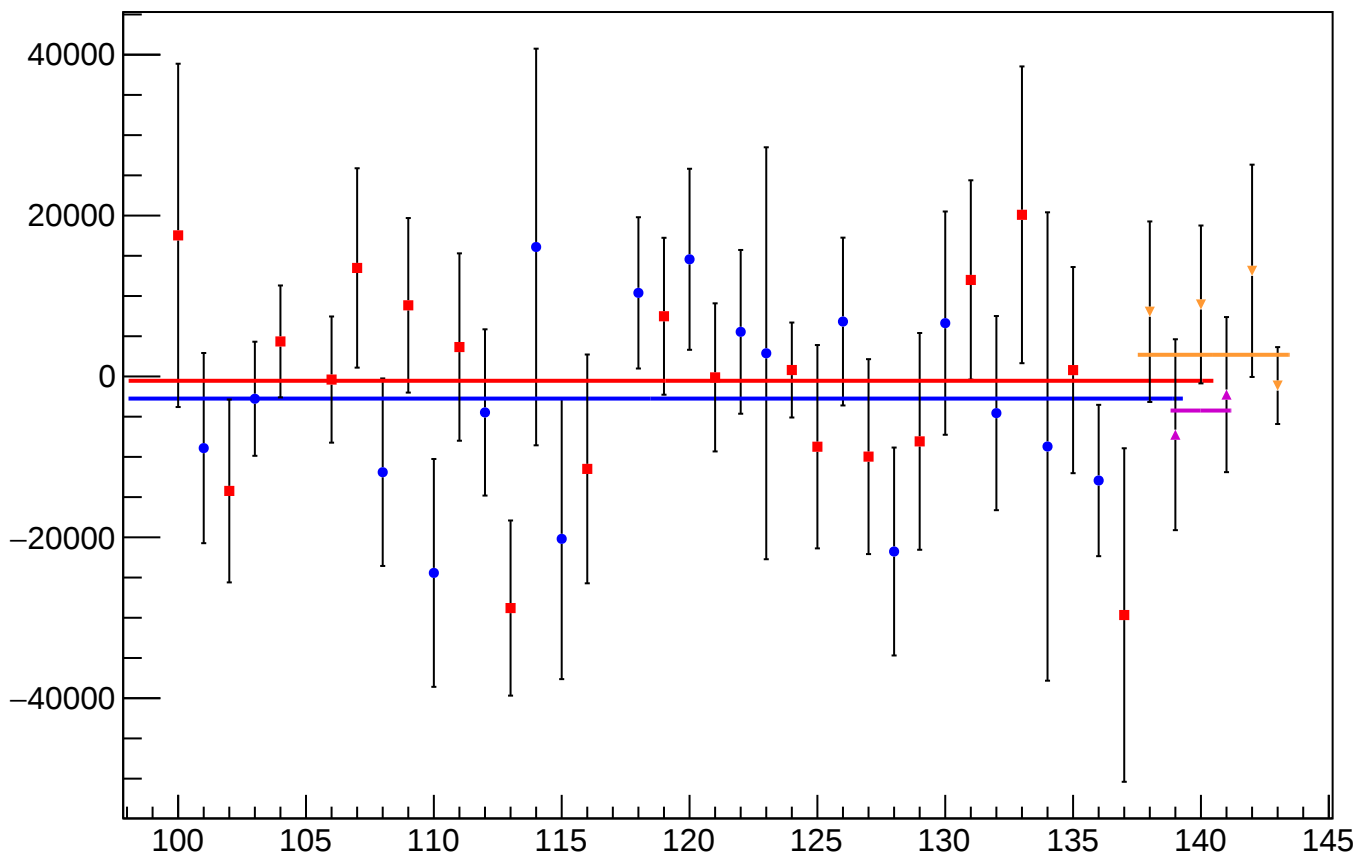
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

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

Out: 1860.929+/-0.438 χ^2/NDF : 1309252.5/22

All: 1813.857+/-0.311 χ^2/NDF : 1862796.7/41

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725 ± 2842.399 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 2693.288 ± 3839.510 $\chi^2/\text{NDF}: 1.9/3$

Right Out: -538.445 ± 2424.977 $\chi^2/\text{NDF}: 18.5/18$

Left In: -4238.599 ± 7482.476 $\chi^2/\text{NDF}: 0.1/1$

Left: 1248.501 ± 3416.029 $\chi^2/\text{NDF}: 2.7/5$

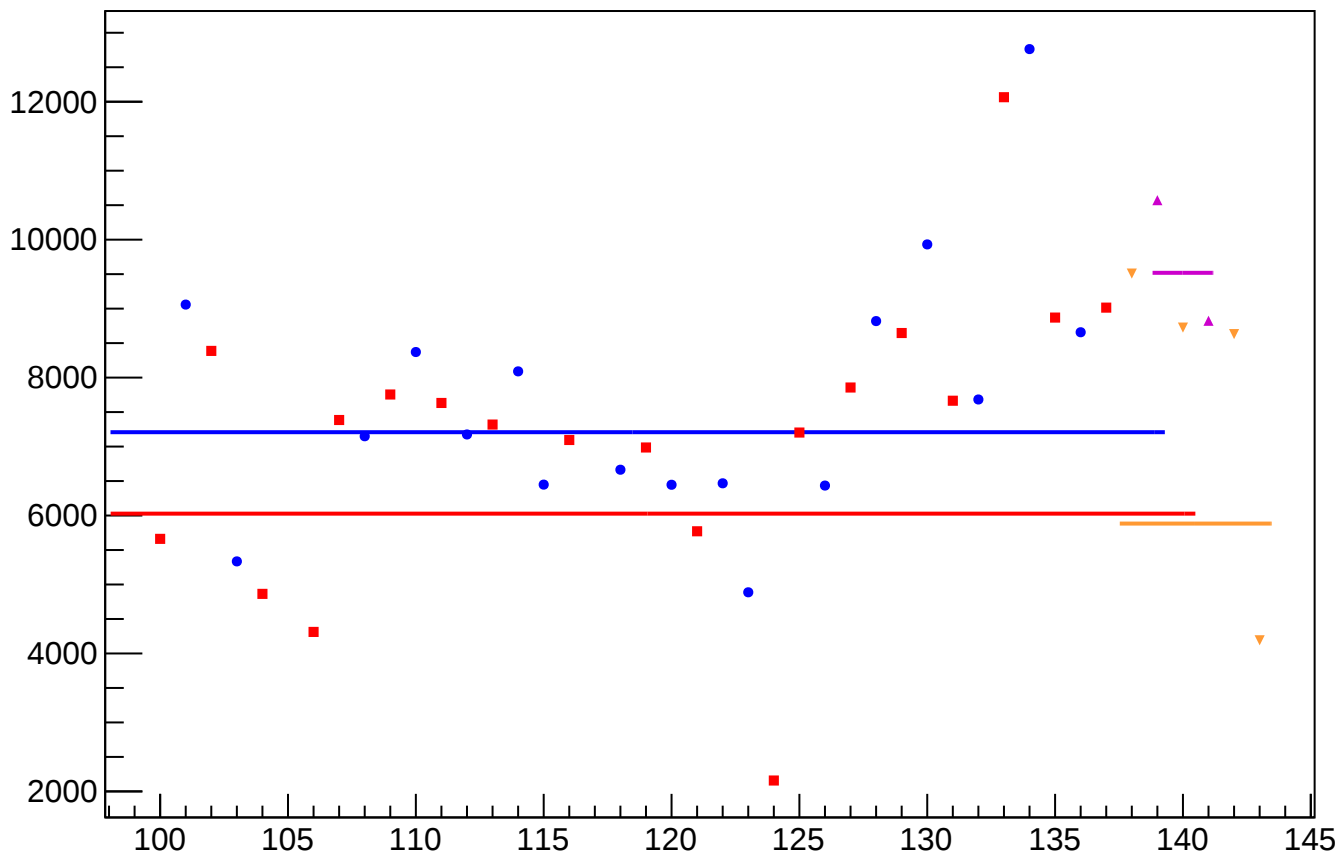
Right: -1470.363 ± 1844.820 $\chi^2/\text{NDF}: 33.4/35$

In: -2938.356 ± 2657.139 $\chi^2/\text{NDF}: 14.7/18$

Out: 383.092 ± 2050.286 $\chi^2/\text{NDF}: 20.9/22$

All: -856.450 ± 1623.234 $\chi^2/\text{NDF}: 36.6/41$

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 5883.325+/-2.715 χ^2/NDF : 713758.2/3

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: 6641.143+/-2.415 χ^2/NDF : 1113736.8/5

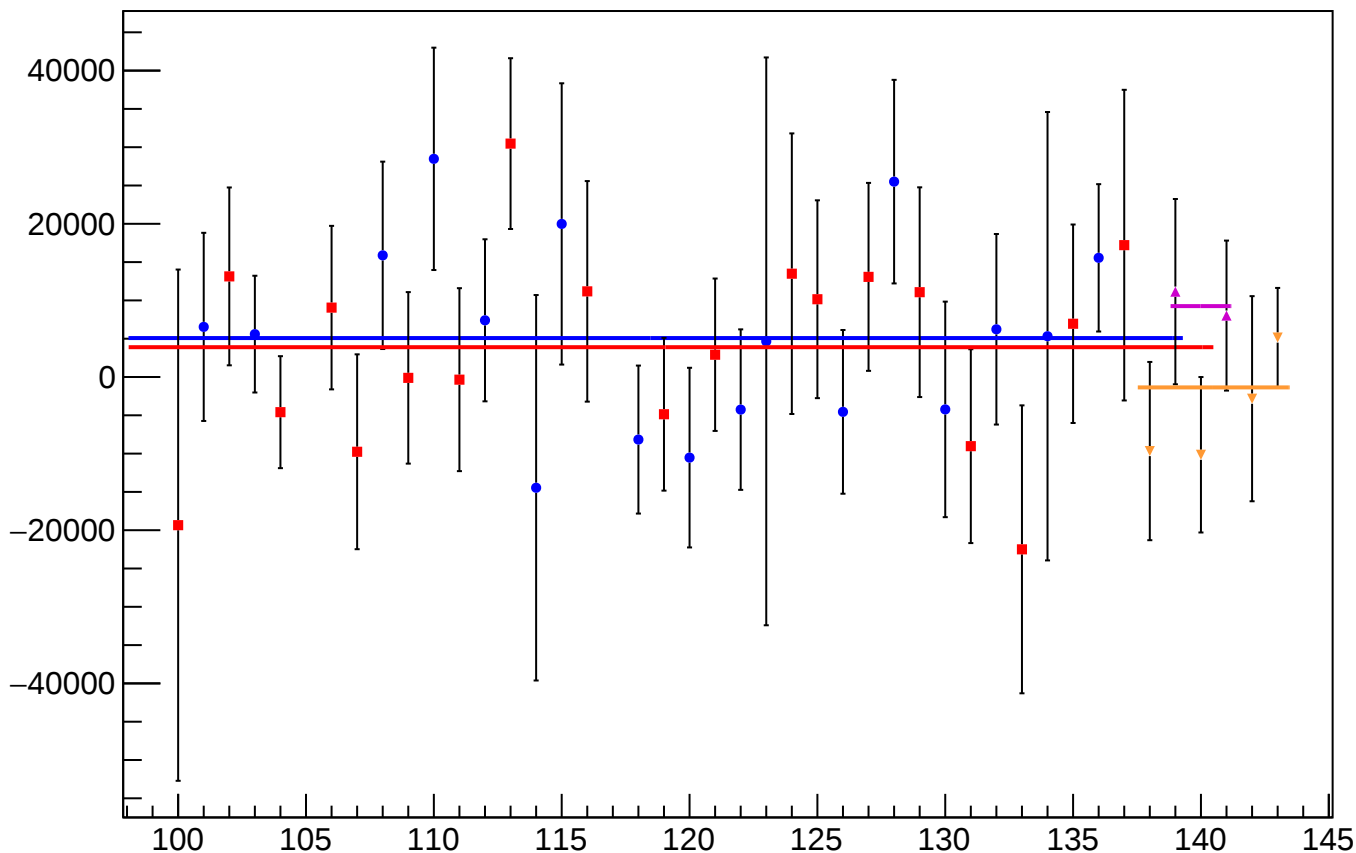
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

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

Out: 5986.323+/-1.450 χ^2/NDF : 2513929.2/22

All: 6551.129+/-1.148 χ^2/NDF : 3607242.6/41

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -1357.788+/-4637.371 χ^2/NDF : 2.3/3

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: 1516.211+/-3960.017 χ^2/NDF : 3.7/5

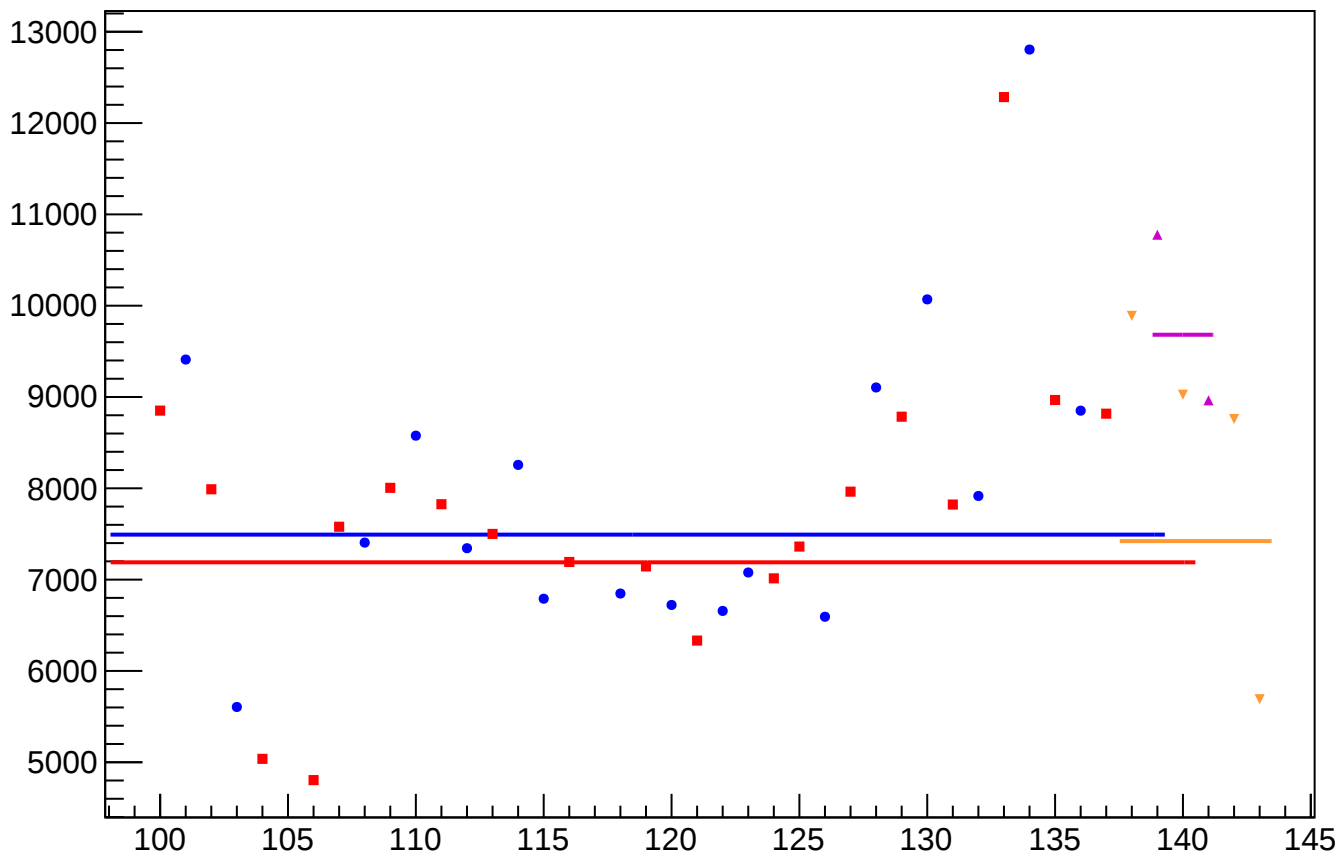
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

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

Out: 2496.592+/-2390.850 χ^2/NDF : 18.9/22

All: 3843.286+/-1805.653 χ^2/NDF : 33.9/41

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7421.935+/-3.279 χ^2/NDF : 302583.9/3

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

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

Left: 8033.879+/-2.800 χ^2/NDF : 458360.0/5

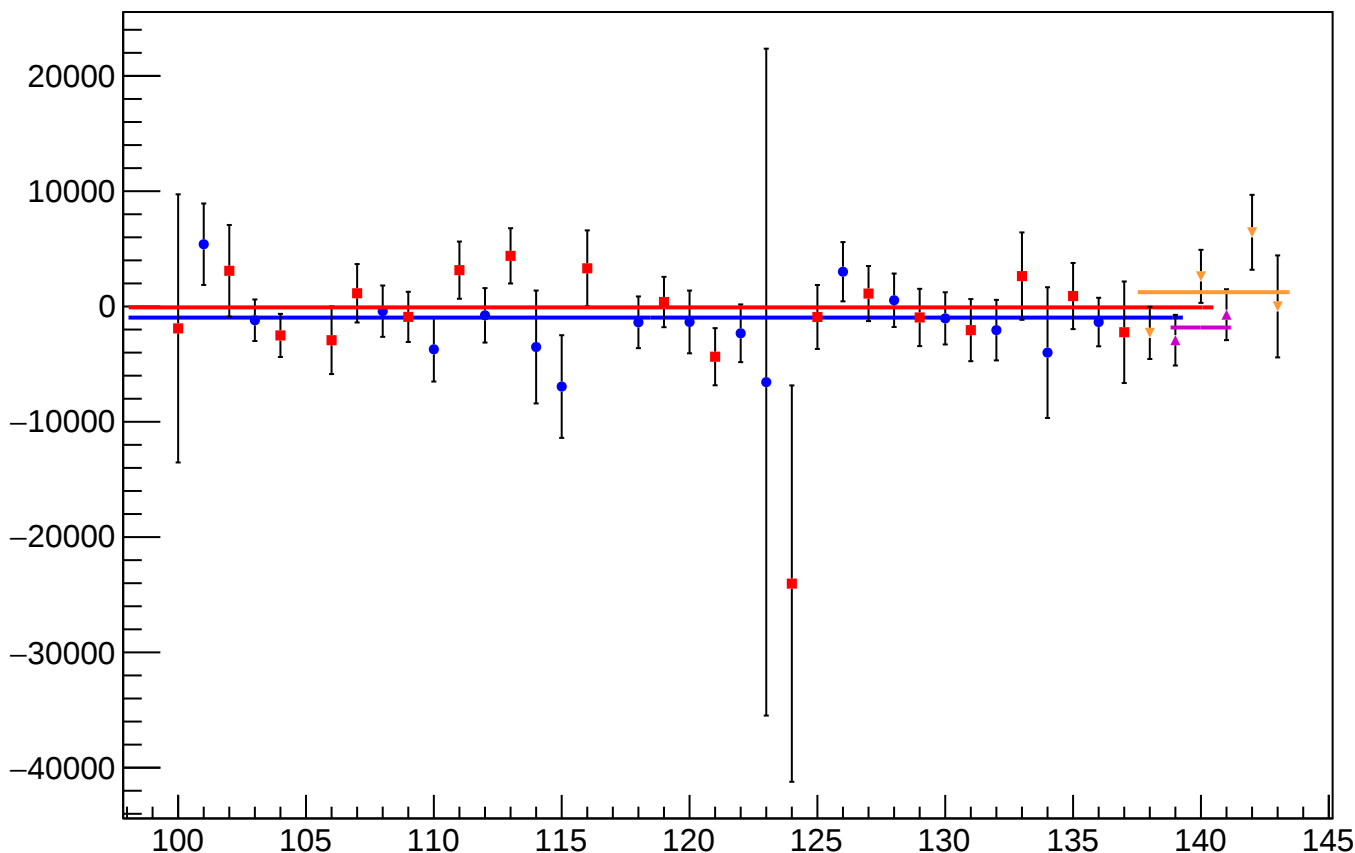
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

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

Out: 7251.274+/-1.690 χ^2/NDF : 867166.8/22

All: 7478.298+/-1.277 χ^2/NDF : 1517184.2/41

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 1240.136+/-1373.431 χ^2/NDF :5.4/3

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: -100.364+/-1029.878 χ^2/NDF : 8.1/5

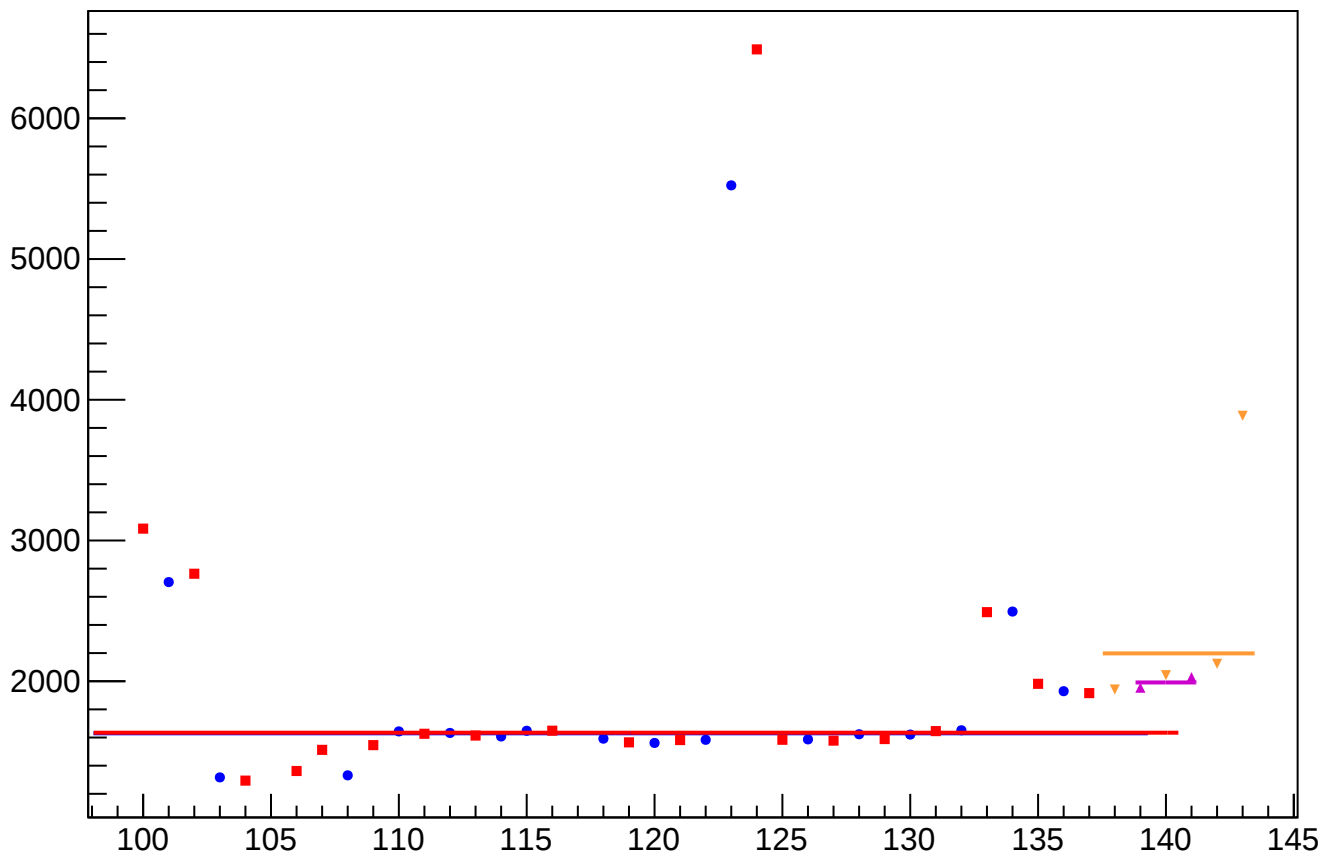
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

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

Out: 154.265+/-575.242 χ^2/NDF :22.9/22

All: -446.553+/-413.336 χ^2/NDF : 36.0/41

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2197.780+/-0.971 χ^2/NDF : 327267.0/3

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: 2107.383+/-0.728 χ^2/NDF : 348217.3/5

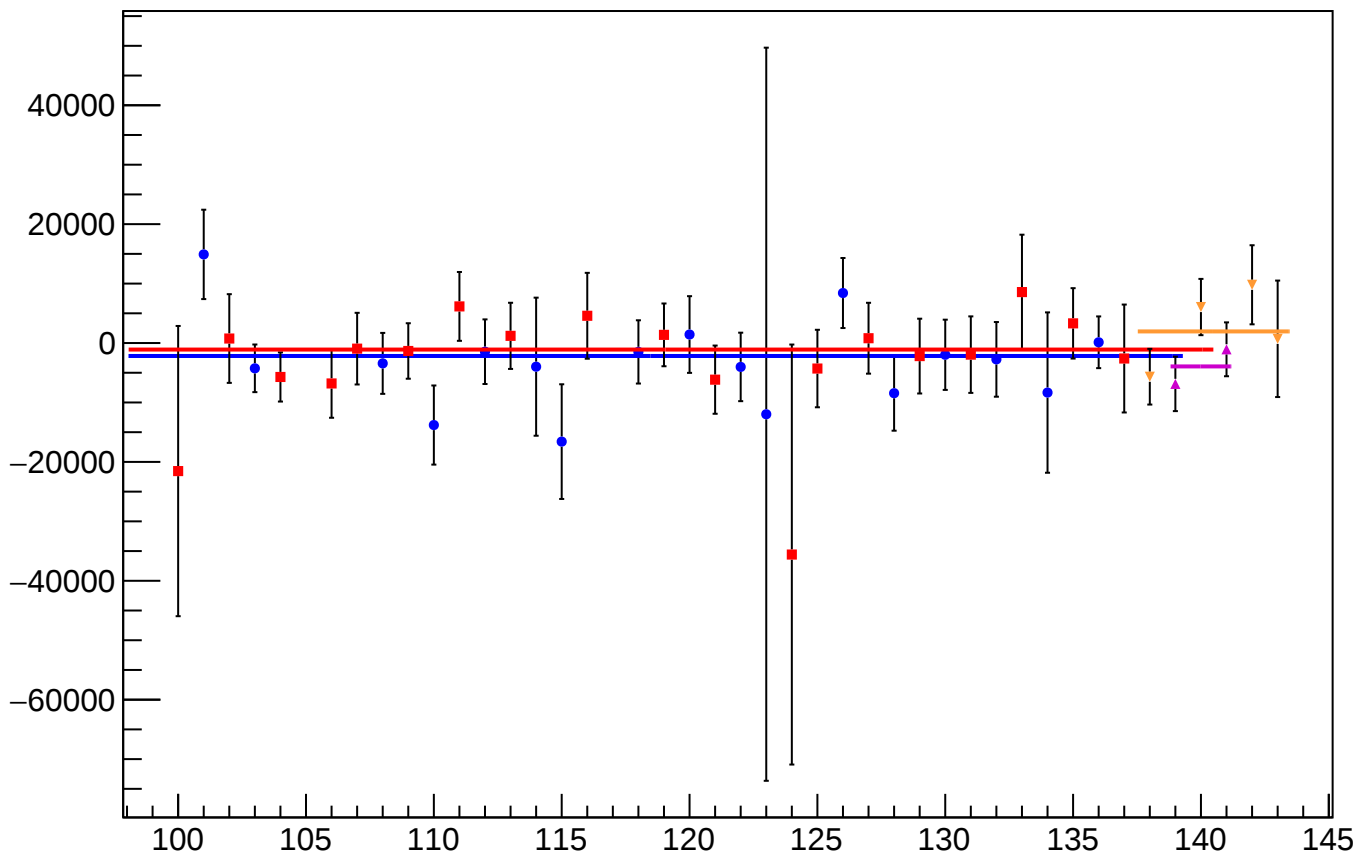
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

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

Out: 1733.112+/-0.407 χ^2/NDF : 1193548.4/22

All: 1708.689+/-0.292 χ^2/NDF : 1702349.5/41

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1952.816+/-2848.432 χ^2/NDF : 4.8/3

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: -631.643+/-2133.667 χ^2/NDF : 7.5/5

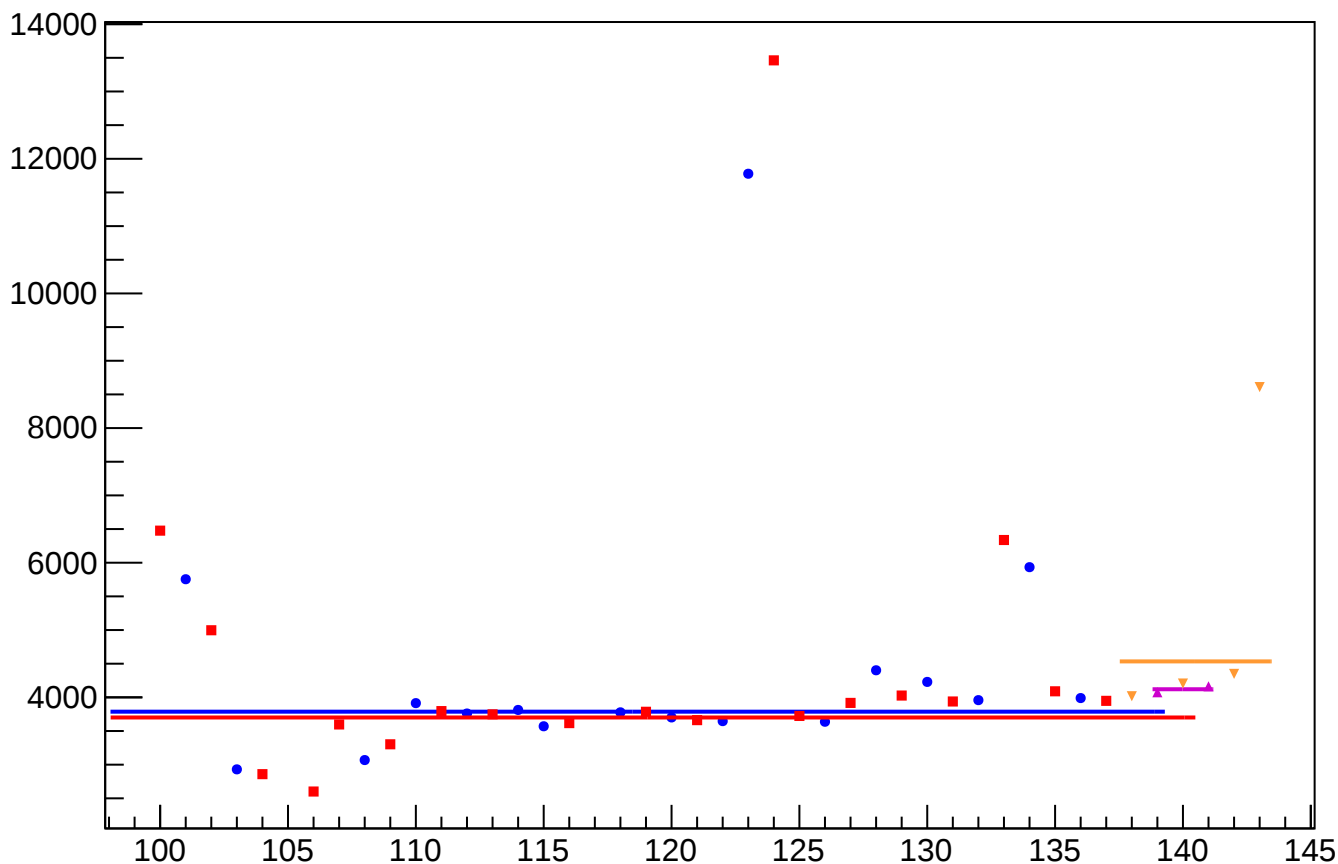
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

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

Out: -477.404+/-1284.986 χ^2/NDF : 15.0/22

All: -1430.668+/-932.246 χ^2/NDF : 33.2/41

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4534.047+/-2.014 χ^2/NDF : 381613.4/3

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: 4352.512+/-1.509 χ^2/NDF : 400500.4/5

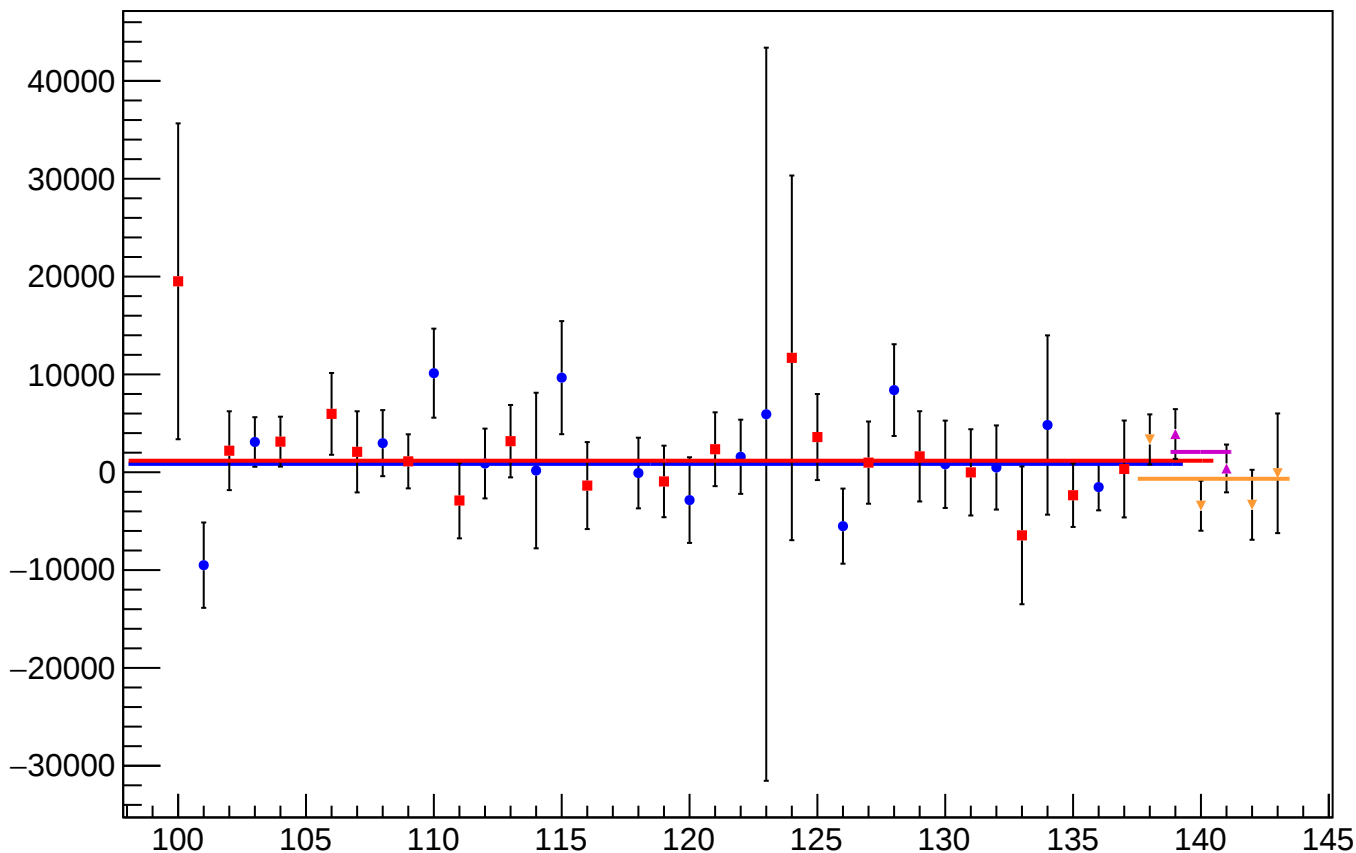
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

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

Out: 3870.473+/-0.909 χ^2/NDF : 1098982.4/22

All: 3858.989+/-0.659 χ^2/NDF : 1509961.0/41

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -668.831+/-1560.687 χ^2/NDF : 4.2/3

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

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

Left: 538.778+/-1168.162 χ^2/NDF : 6.5/5

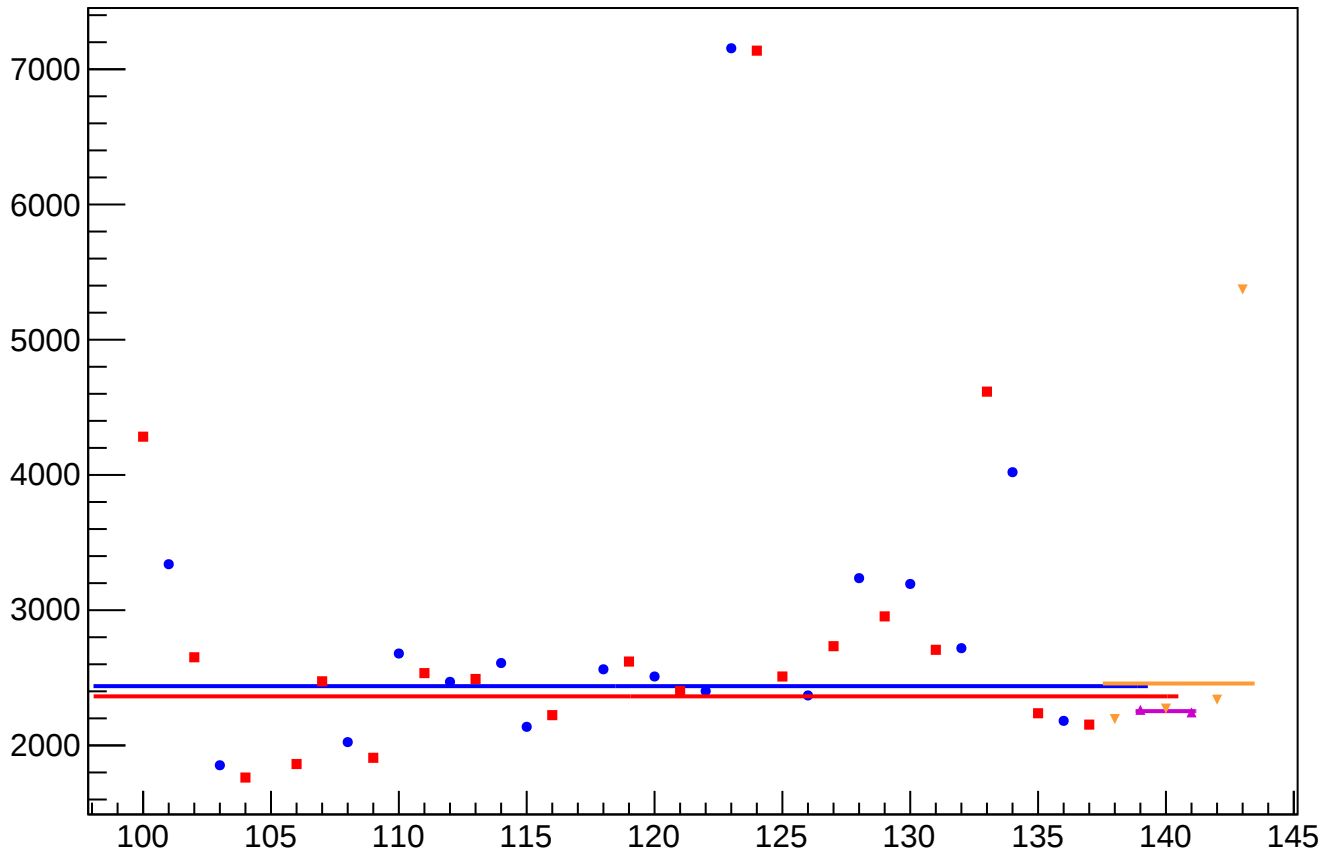
Right: 1023.765+/-667.934 χ^2/NDF : 29.3/35

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

Out: 697.416+/-796.162 χ^2/NDF : 13.8/22

All: 904.273+/-579.840 χ^2/NDF : 35.9/41

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2457.865 ± 1.104 $\chi^2/\text{NDF}: 487924.4/3$

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

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

Left: 2368.000 ± 0.826 $\chi^2/\text{NDF}: 503059.4/5$

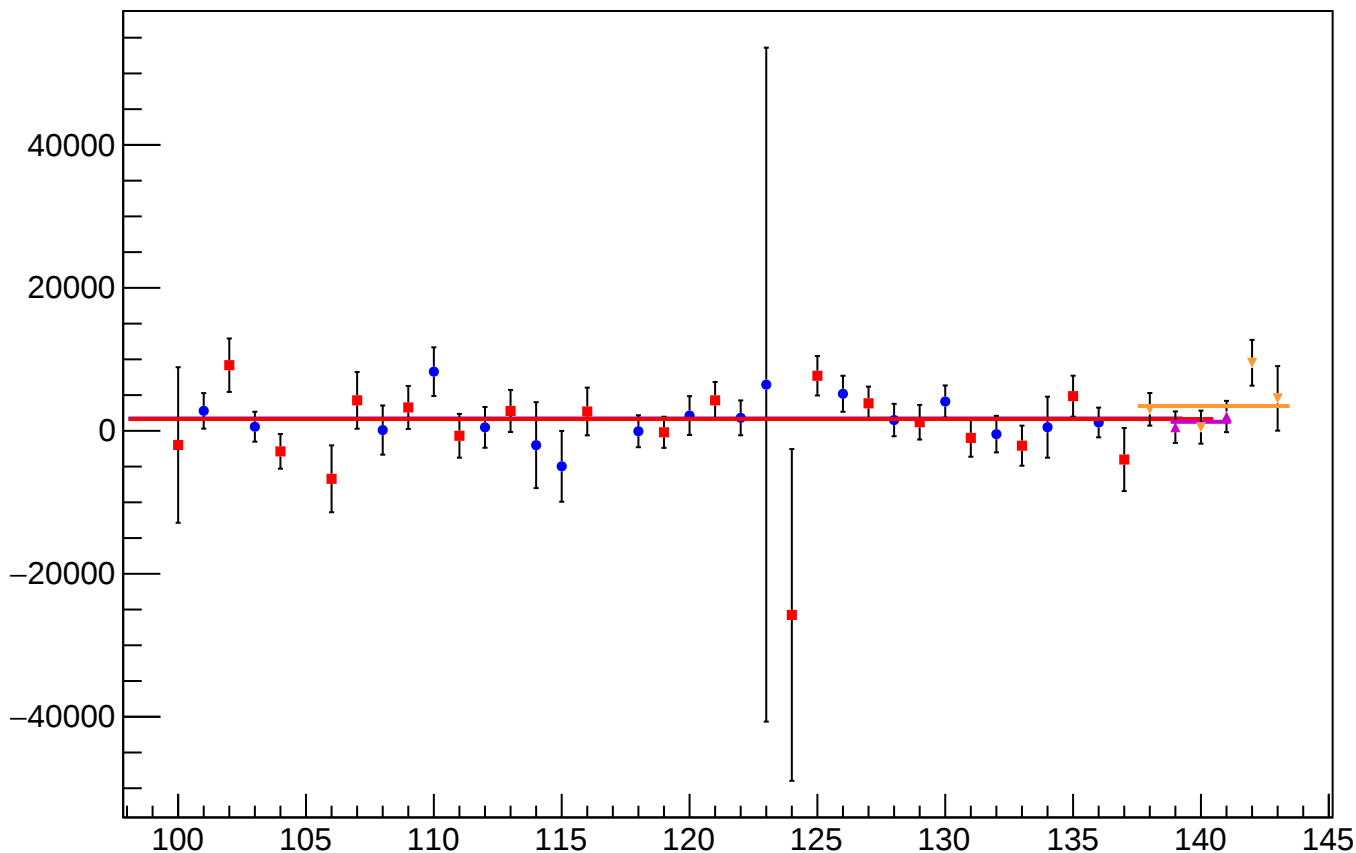
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

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

Out: 2387.494 ± 0.563 $\chi^2/\text{NDF}: 1150946.3/22$

All: 2391.322 ± 0.410 $\chi^2/\text{NDF}: 1644749.5/41$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 3470.885+/-1378.626 χ^2/NDF : 5.3/3

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: 2497.340+/-1030.848 χ^2/NDF : 6.7/5

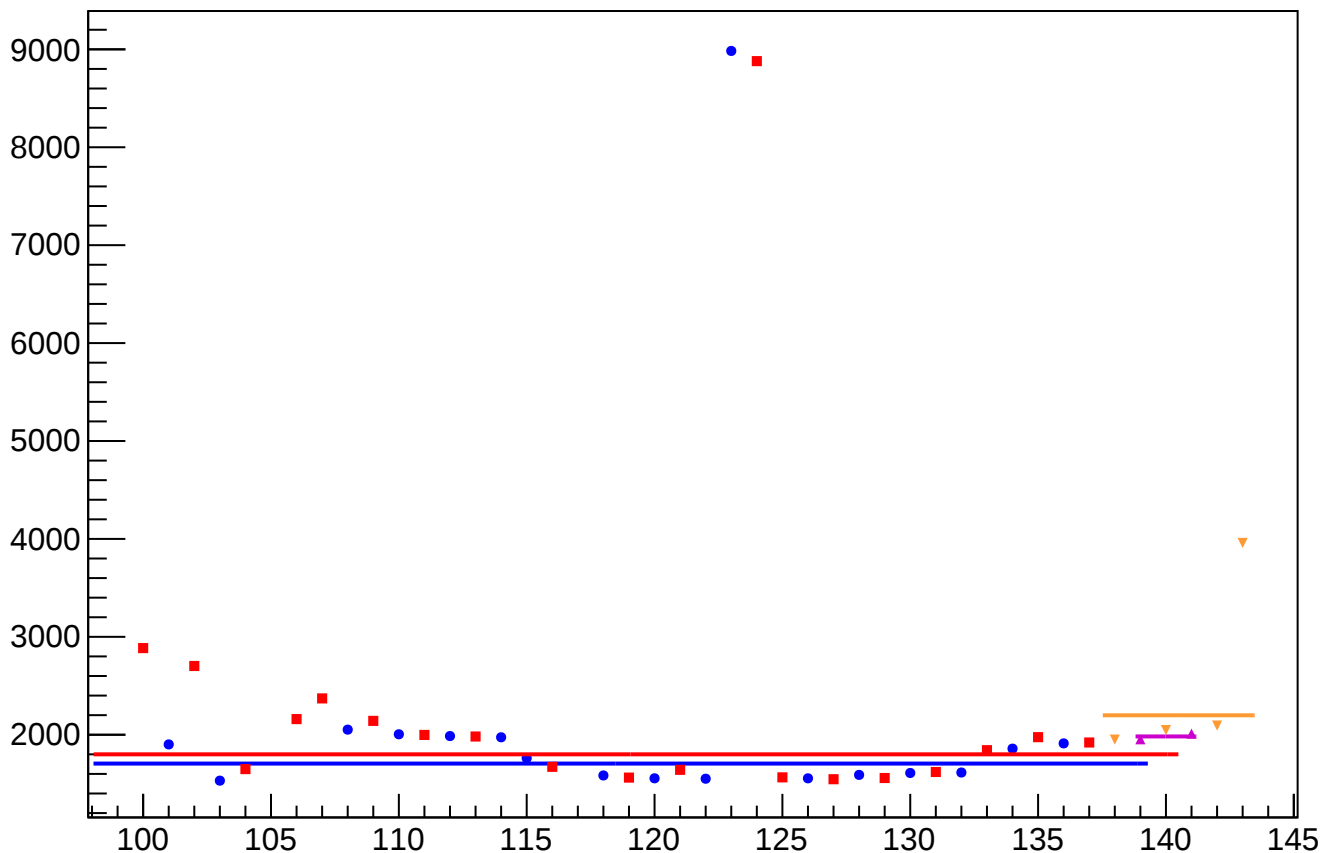
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

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

Out: 2018.797+/-620.089 χ^2/NDF : 33.6/22

All: 1828.444+/-435.923 χ^2/NDF : 45.5/41

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2198.713+/-0.975 χ^2/NDF : 338082.2/3

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

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

Left: 2103.487+/-0.729 χ^2/NDF : 360410.8/5

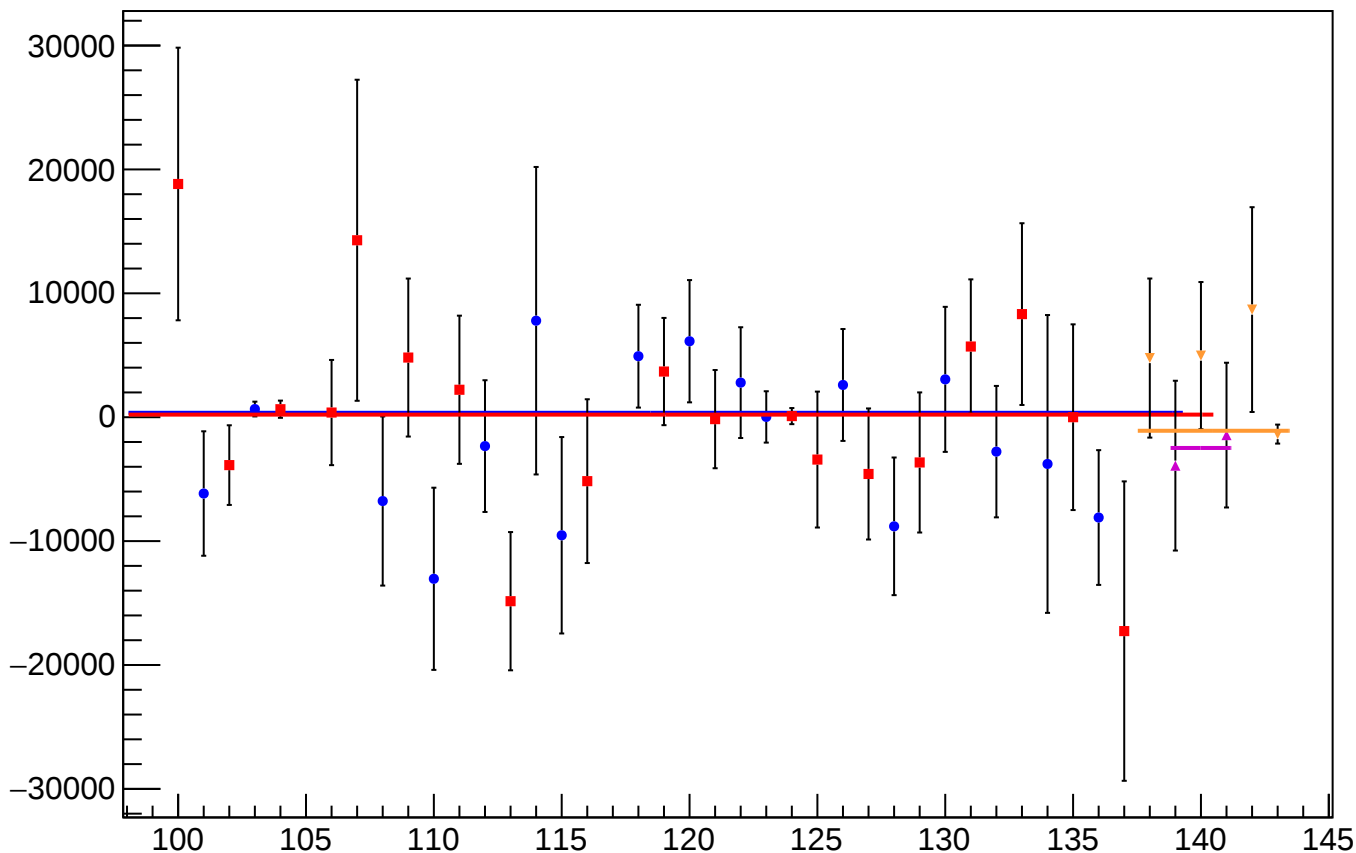
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

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

Out: 1880.376+/-0.438 χ^2/NDF : 1010427.4/22

All: 1813.950+/-0.308 χ^2/NDF : 1304684.1/41

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1094.022+/-751.431 χ^2/NDF : 3.4/3

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: -1132.580+/-740.921 χ^2/NDF : 3.6/5

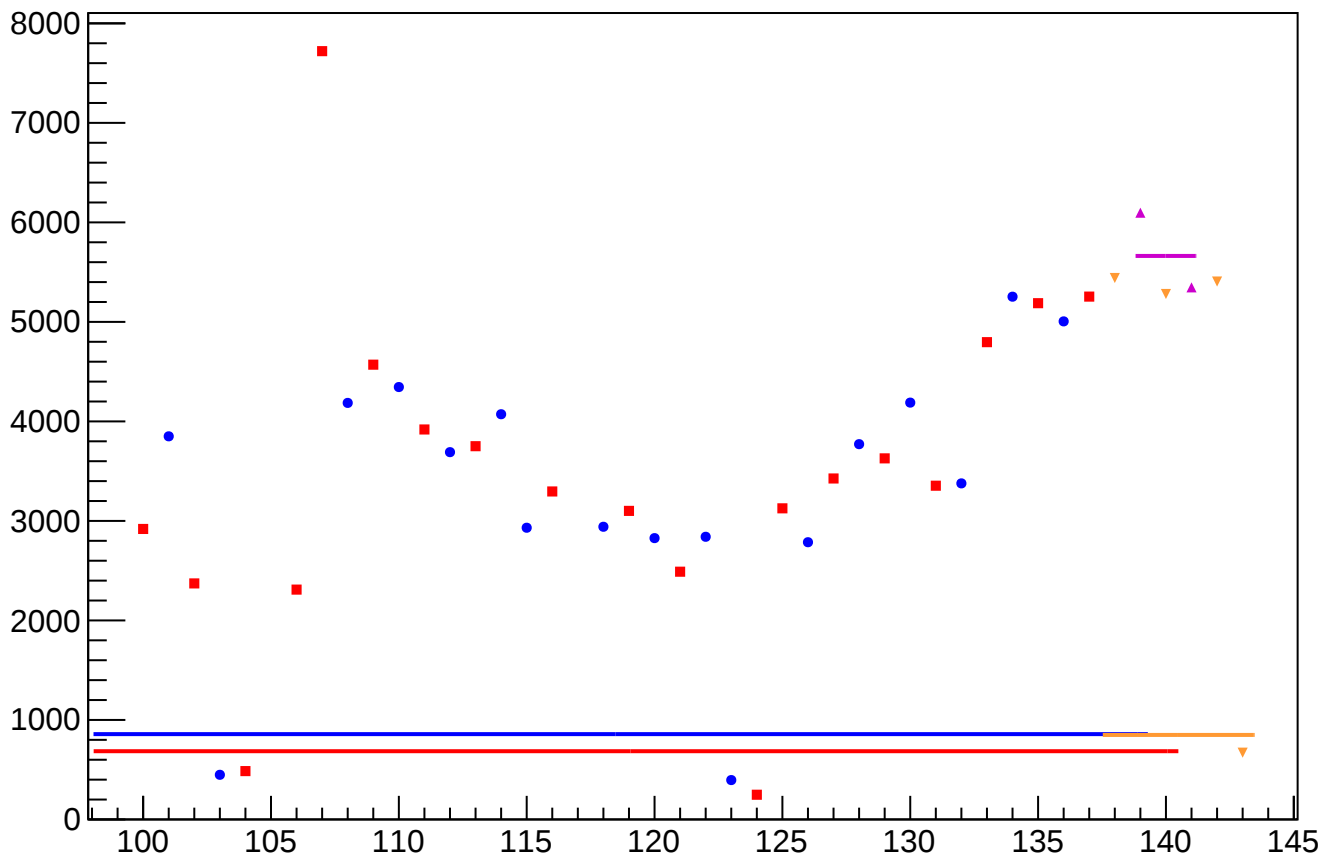
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

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

Out: -130.485+/-383.930 χ^2/NDF : 27.0/22

All: 23.660+/-310.804 χ^2/NDF : 45.4/41

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 849.378+/-0.531 χ^2/NDF :2852268.8/3

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: 983.084+/-0.524 χ^2/NDF : 5145765.7/5

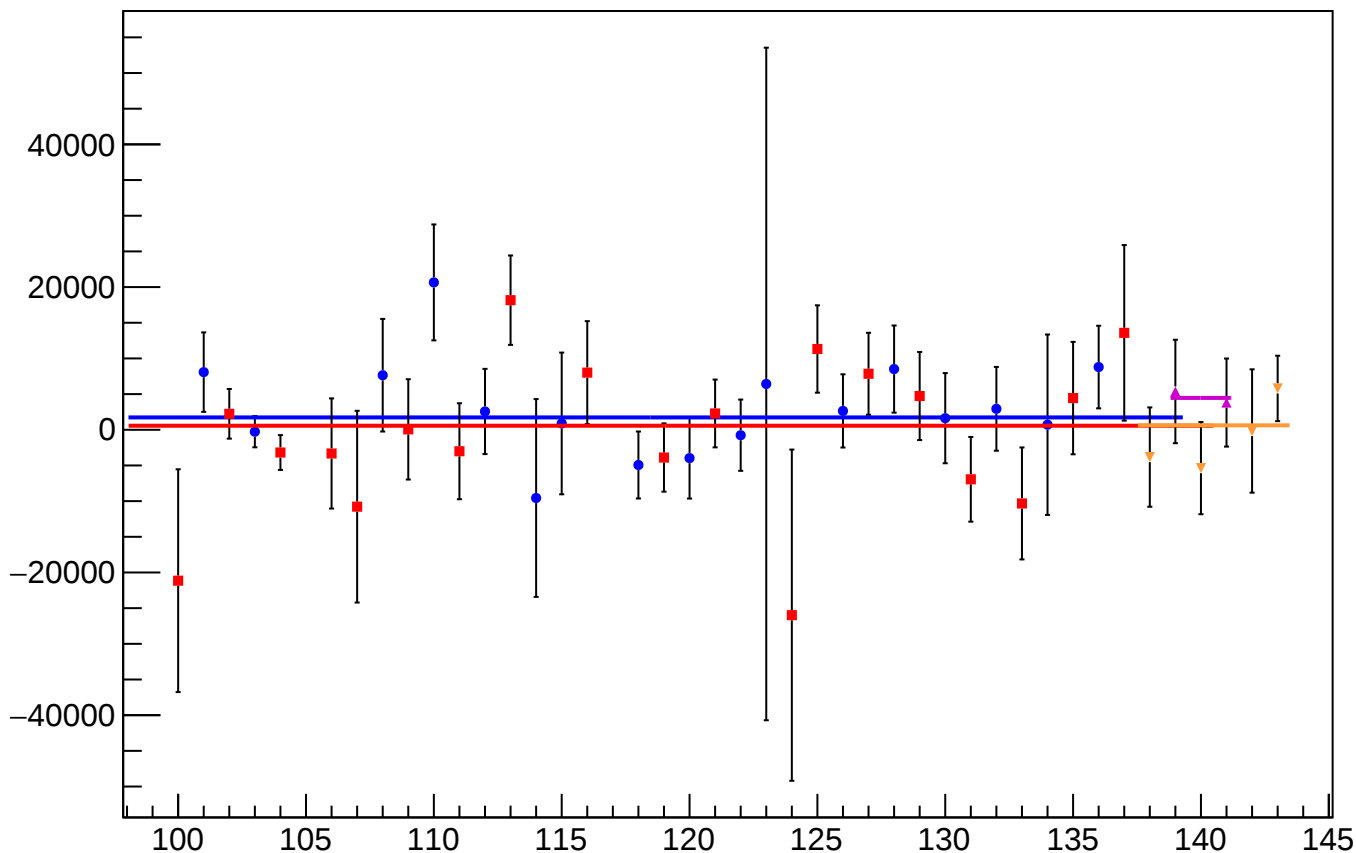
Right: 756.584+/-0.242 χ^2/NDF : 17758209.4/35

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

Out: 728.502+/-0.271 χ^2/NDF :12383417.5/22

All: 796.440+/-0.220 χ^2/NDF : 23057991.6/41

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 622.574+/-3077.796 χ^2/NDF : 2.6/3

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: 1776.784+/-2574.700 χ^2/NDF : 3.0/5

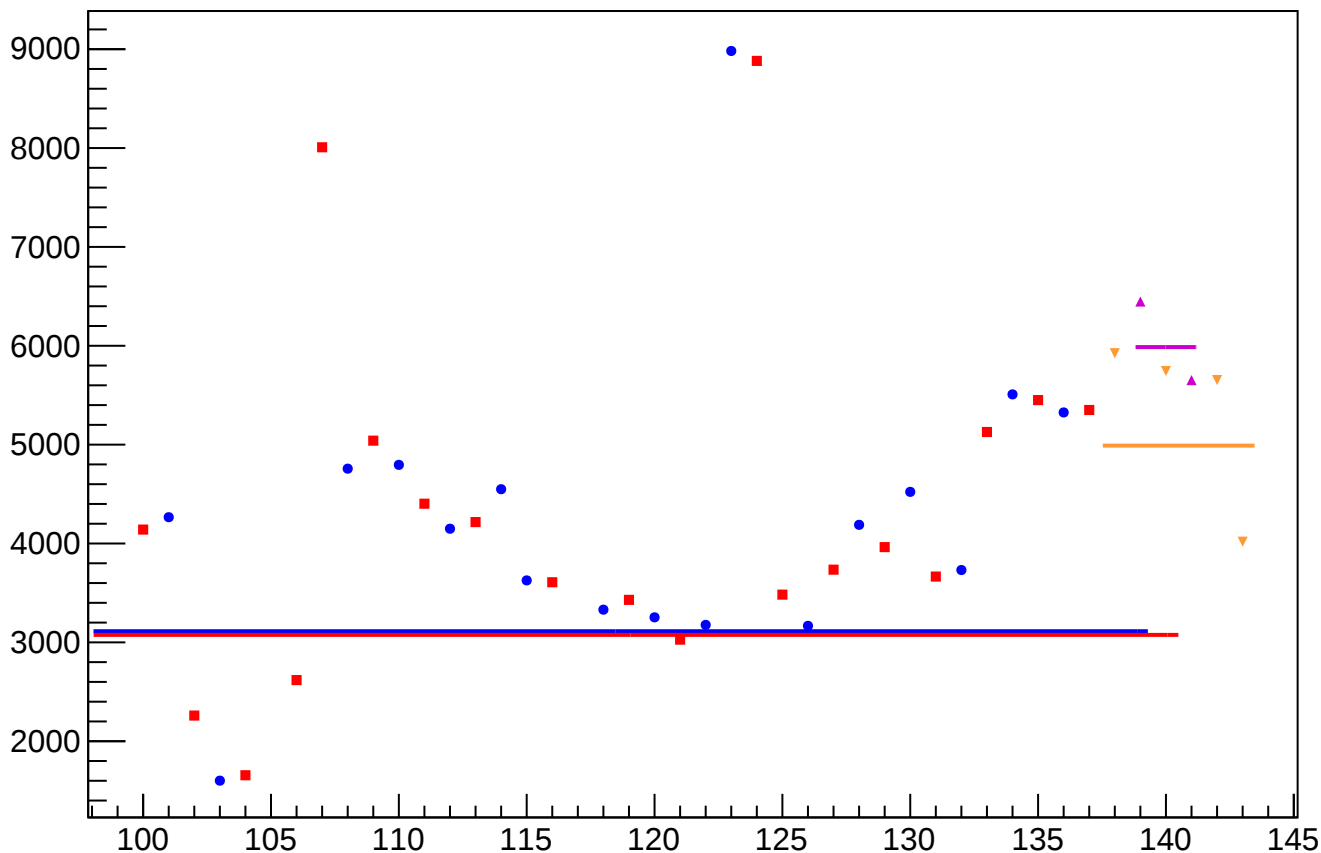
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 575.334+/-1186.829 χ^2/NDF : 29.6/22

All: 1213.263+/-862.976 χ^2/NDF : 45.5/41

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 4990.269 $\pm$ 2.176 χ^2 /NDF:164987.9/3

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

Left In: 5986.911 $\pm$ 3.323 χ^2 /NDF:13935.5/1

Left: 5289.462 $\pm$ 1.821 χ^2 /NDF: 241879.8/5

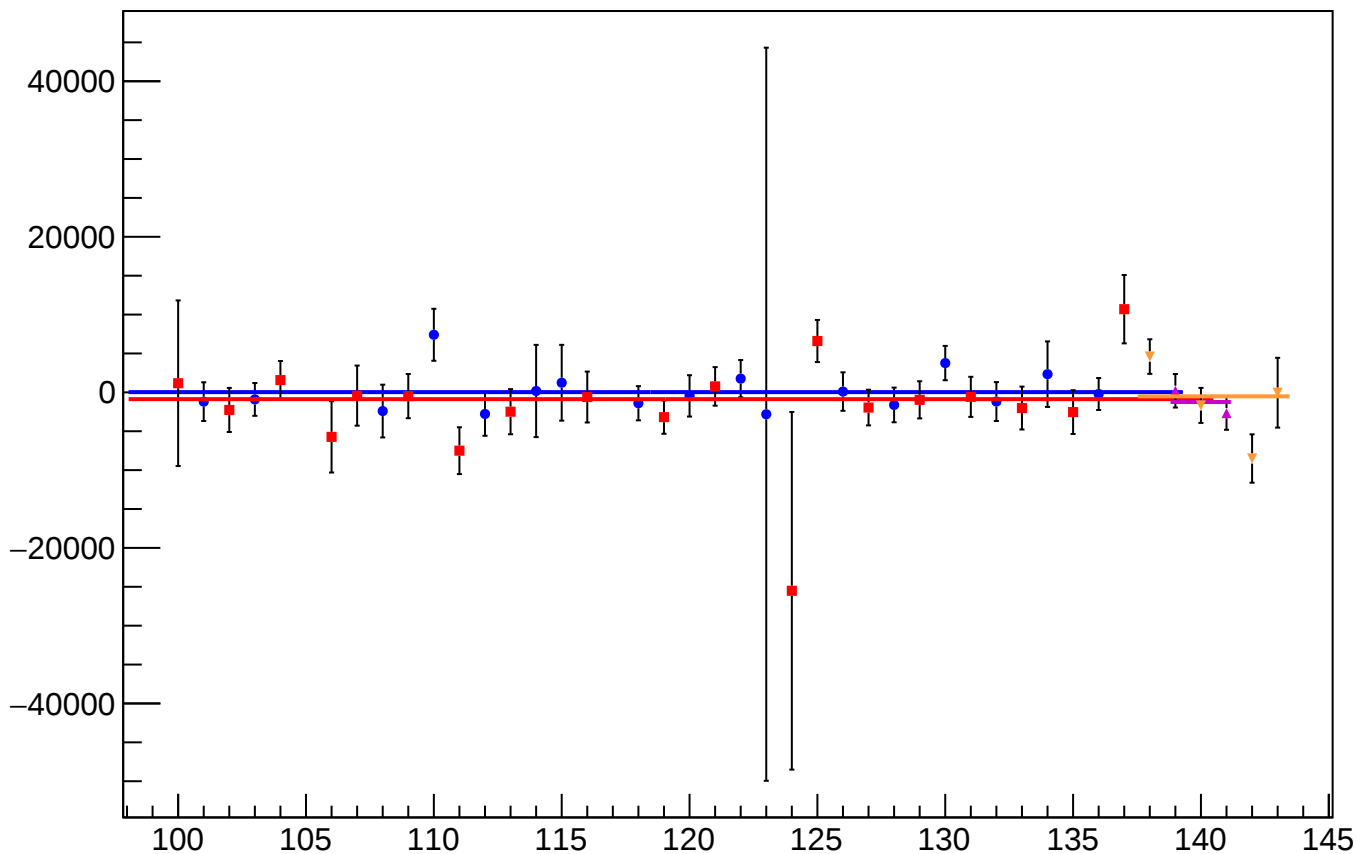
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

In: 3318.364 $\pm$ 0.889 χ^2 /NDF:2593125.8/18

Out: 3353.391 $\pm$ 0.829 χ^2 /NDF:2837651.7/22

All: 3337.100 $\pm$ 0.606 χ^2 /NDF: 5431608.2/41

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -513.017 ± 1345.197 $\chi^2/\text{NDF}: 12.2/3$

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

Left In: -1241.618 ± 1519.146 $\chi^2/\text{NDF}: 0.9/1$

Left: -833.233 ± 1007.108 $\chi^2/\text{NDF}: 13.2/5$

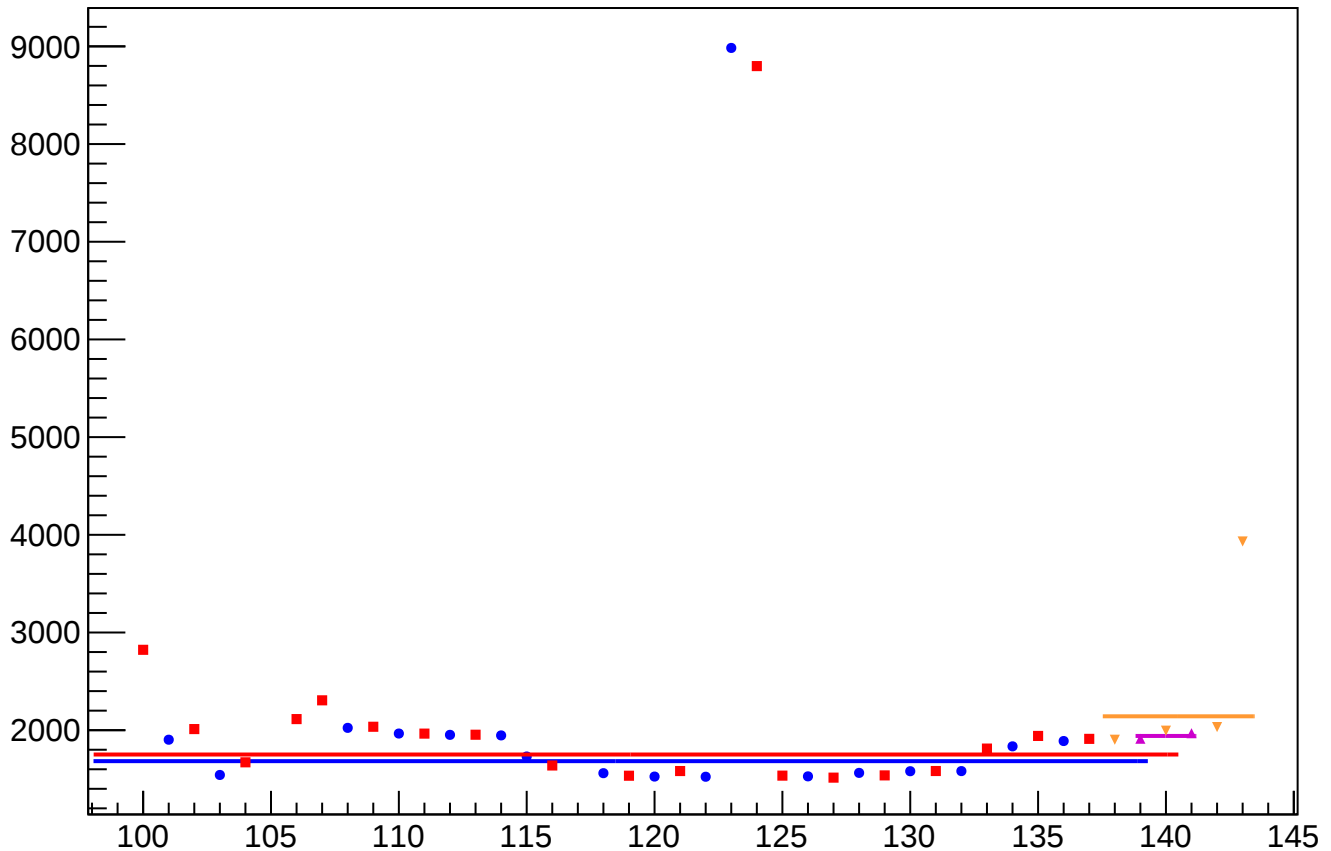
Right: -412.596 ± 470.731 $\chi^2/\text{NDF}: 38.4/35$

In: -171.843 ± 604.106 $\chi^2/\text{NDF}: 13.3/18$

Out: -802.063 ± 602.073 $\chi^2/\text{NDF}: 37.9/22$

All: -488.015 ± 426.447 $\chi^2/\text{NDF}: 51.8/41$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2142.129+/-0.951 χ^2/NDF : 352498.7/3

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: 2053.795+/-0.712 χ^2/NDF : 372809.3/5

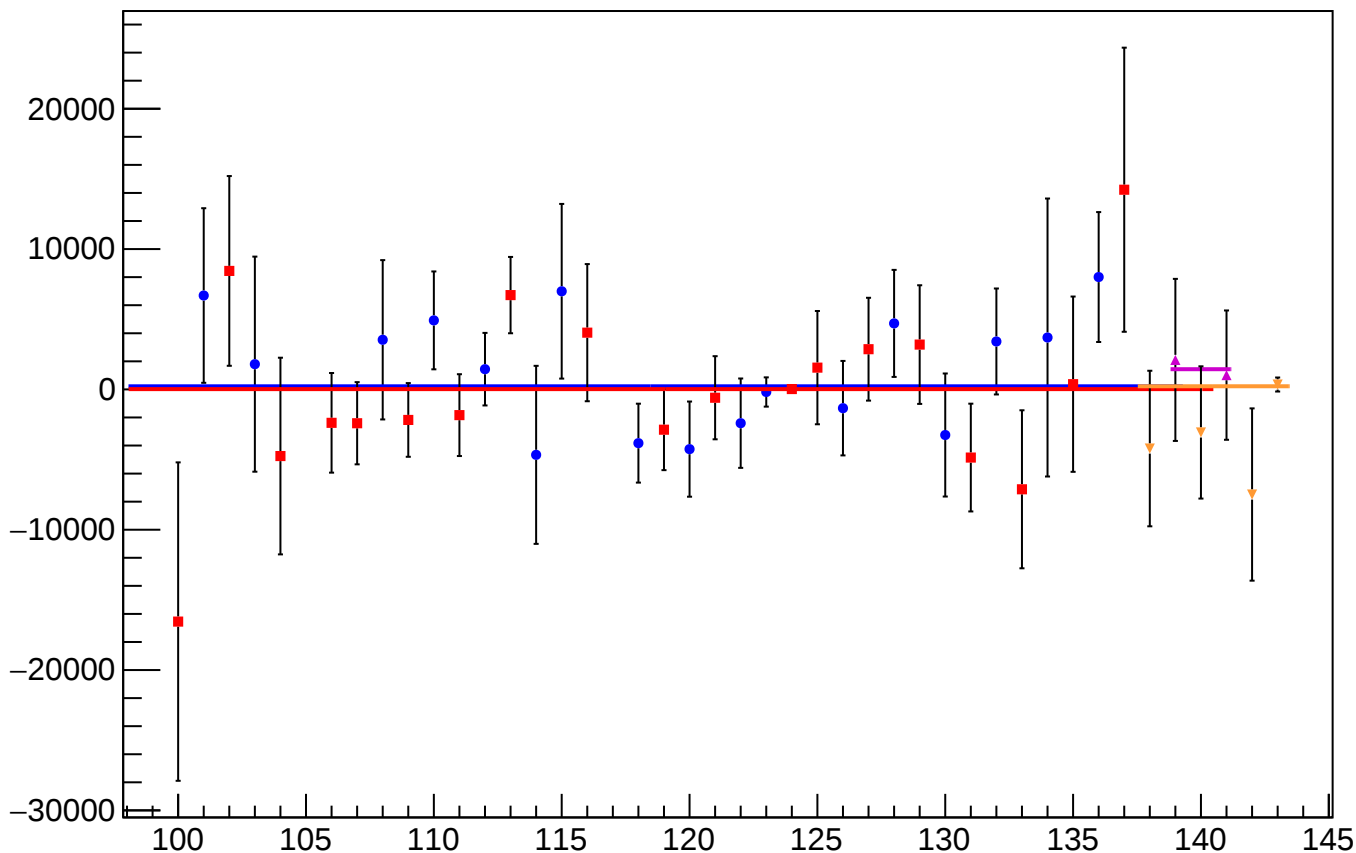
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

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

Out: 1829.144+/-0.425 χ^2/NDF : 914839.9/22

All: 1776.805+/-0.301 χ^2/NDF : 1190446.7/41

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808+/-720.915 χ^2/NDF : 15.8/16

Left Out: 223.632+/-492.928 χ^2/NDF : 2.8/3

Right Out: 20.268+/-114.130 χ^2/NDF : 20.7/18

Left In: 1439.312+/-3601.813 χ^2/NDF : 0.0/1

Left: 245.982+/-488.376 χ^2/NDF : 2.9/5

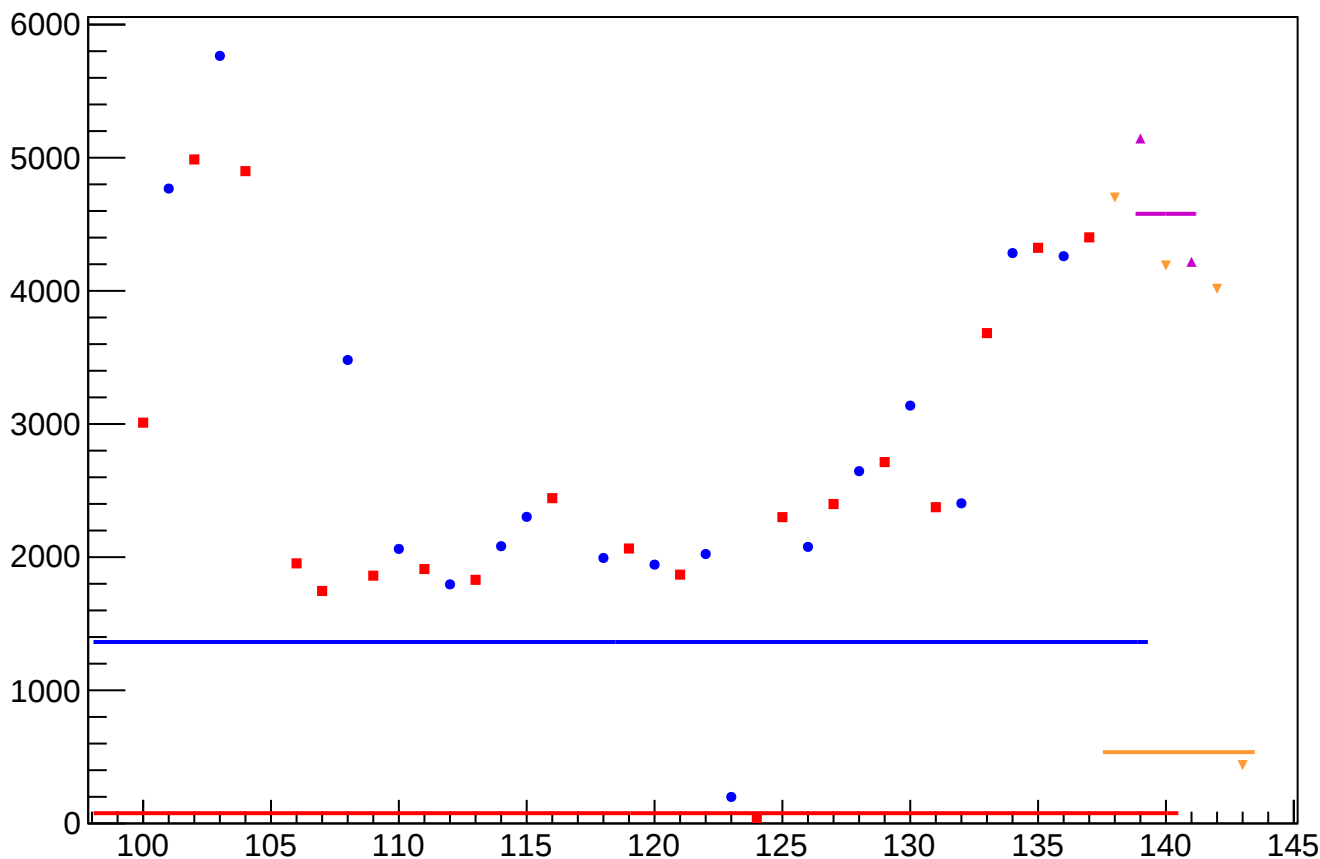
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

In: 266.782+/-706.895 χ^2/NDF : 16.0/18

Out: 30.615+/-111.188 χ^2/NDF : 23.6/22

All: 36.317+/-109.838 χ^2/NDF : 39.7/41

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 535.750 $\pm$ 0.349 χ^2 /NDF: 3051225.9/3

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: 610.081 $\pm$ 0.345 χ^2 /NDF: 5556282.6/5

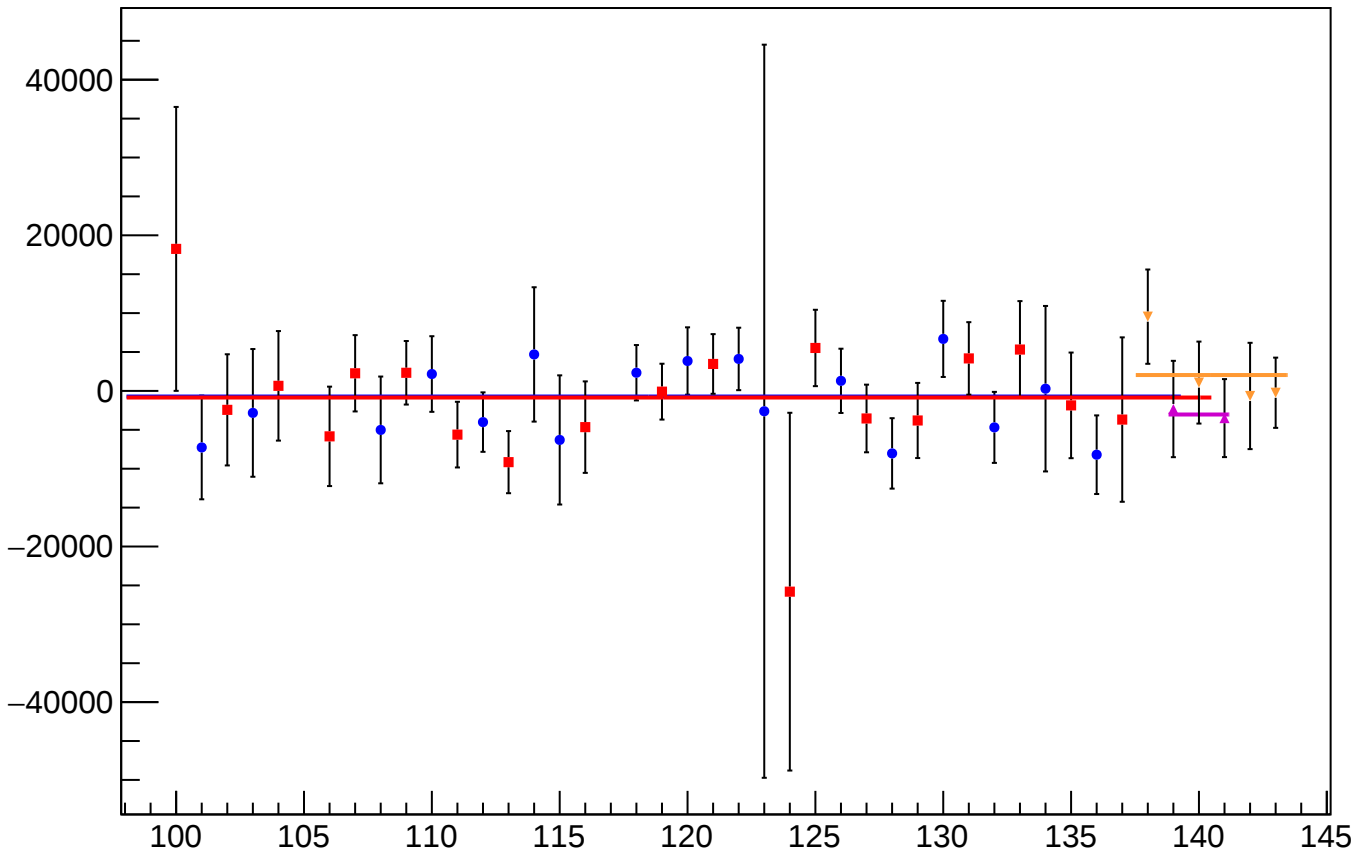
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

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

Out: 100.464 $\pm$ 0.079 χ^2 /NDF: 17942484.9/22

All: 133.932 $\pm$ 0.078 χ^2 /NDF: 33248397.3/41

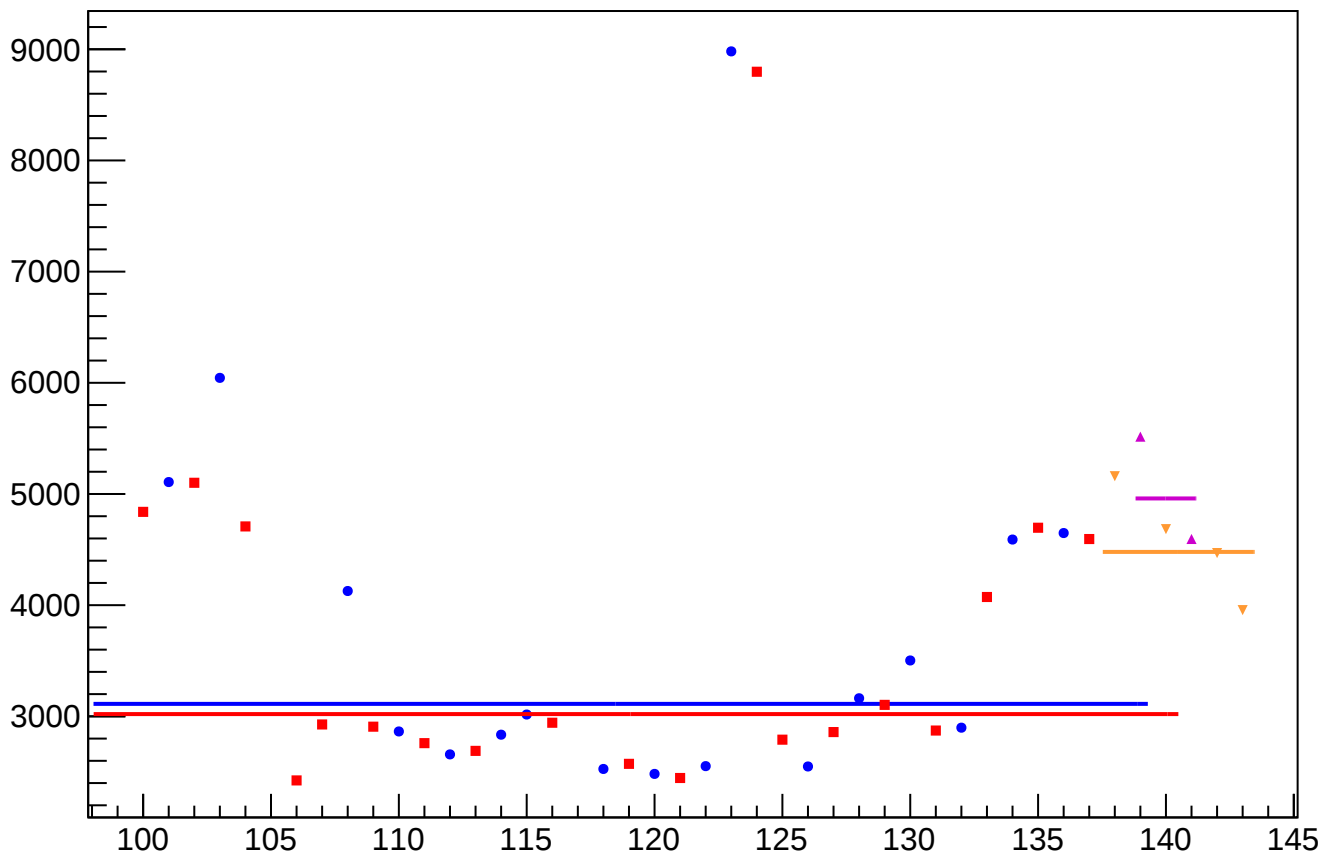
asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483+/-1252.519 χ^2/NDF : 14.8/16
 Left Out: 2040.693+/-2734.071 χ^2/NDF : 2.0/3
 Right Out: -849.844+/-1191.907 χ^2/NDF : 16.0/18
 Left In: -3032.775+/-3896.267 χ^2/NDF : 0.0/1

Left: 366.751+/-2238.033 χ^2/NDF : 3.1/5
 Right: -788.845+/-863.438 χ^2/NDF : 30.8/35
 In: -937.962+/-1192.421 χ^2/NDF : 15.1/18
 Out: -388.230+/-1092.597 χ^2/NDF : 18.9/22
 All: -639.126+/-805.566 χ^2/NDF : 34.1/41

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4479.008+/-1.933 χ^2/NDF : 55186.2/3

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: 4637.666+/-1.583 χ^2/NDF : 102283.0/5

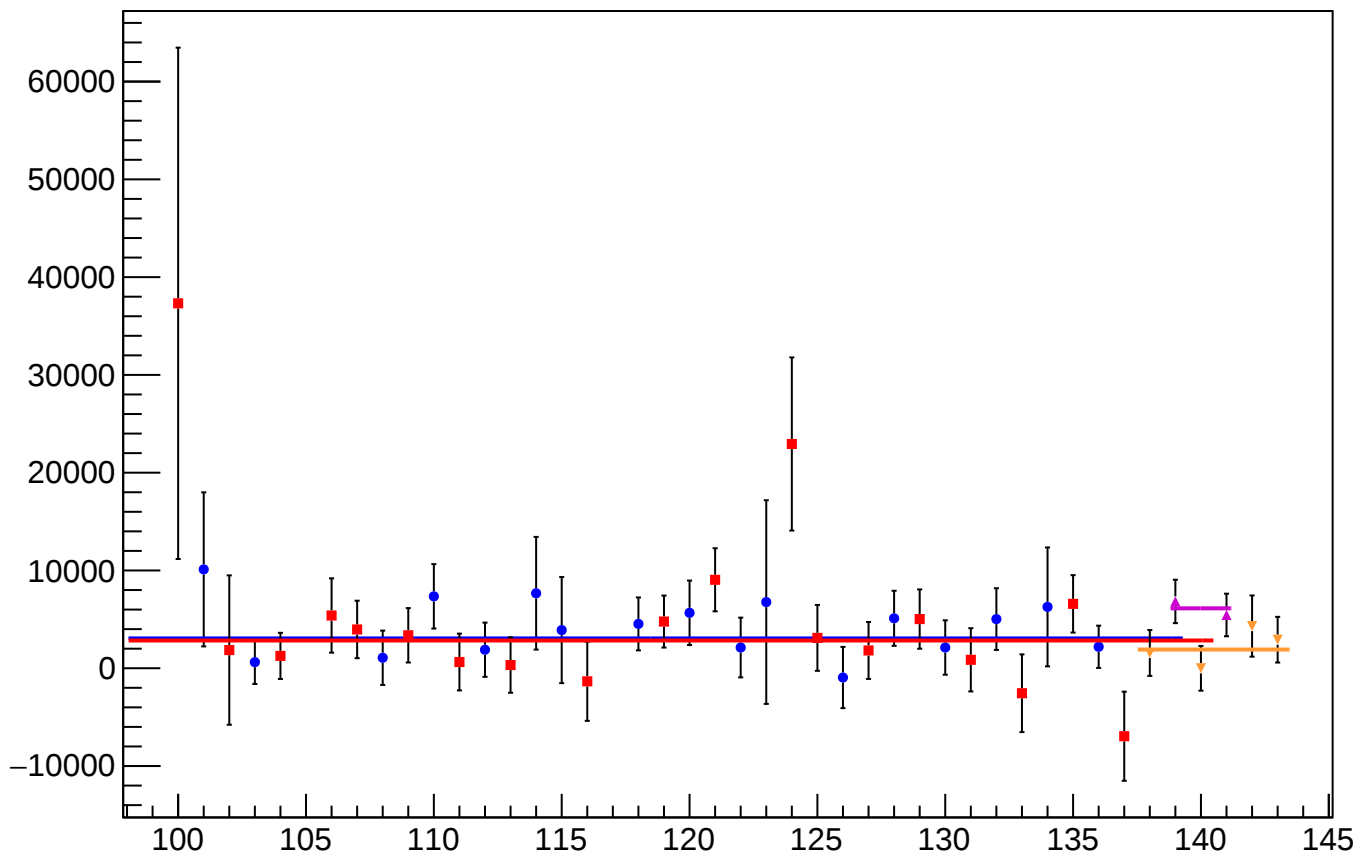
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

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

Out: 3248.436+/-0.764 χ^2/NDF : 1329654.5/22

All: 3265.060+/-0.566 χ^2/NDF : 2723509.1/41

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1911.139+/-1232.699 χ^2/NDF :1.5/3

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: 3538.694+/-965.853 χ^2/NDF : 6.2/5

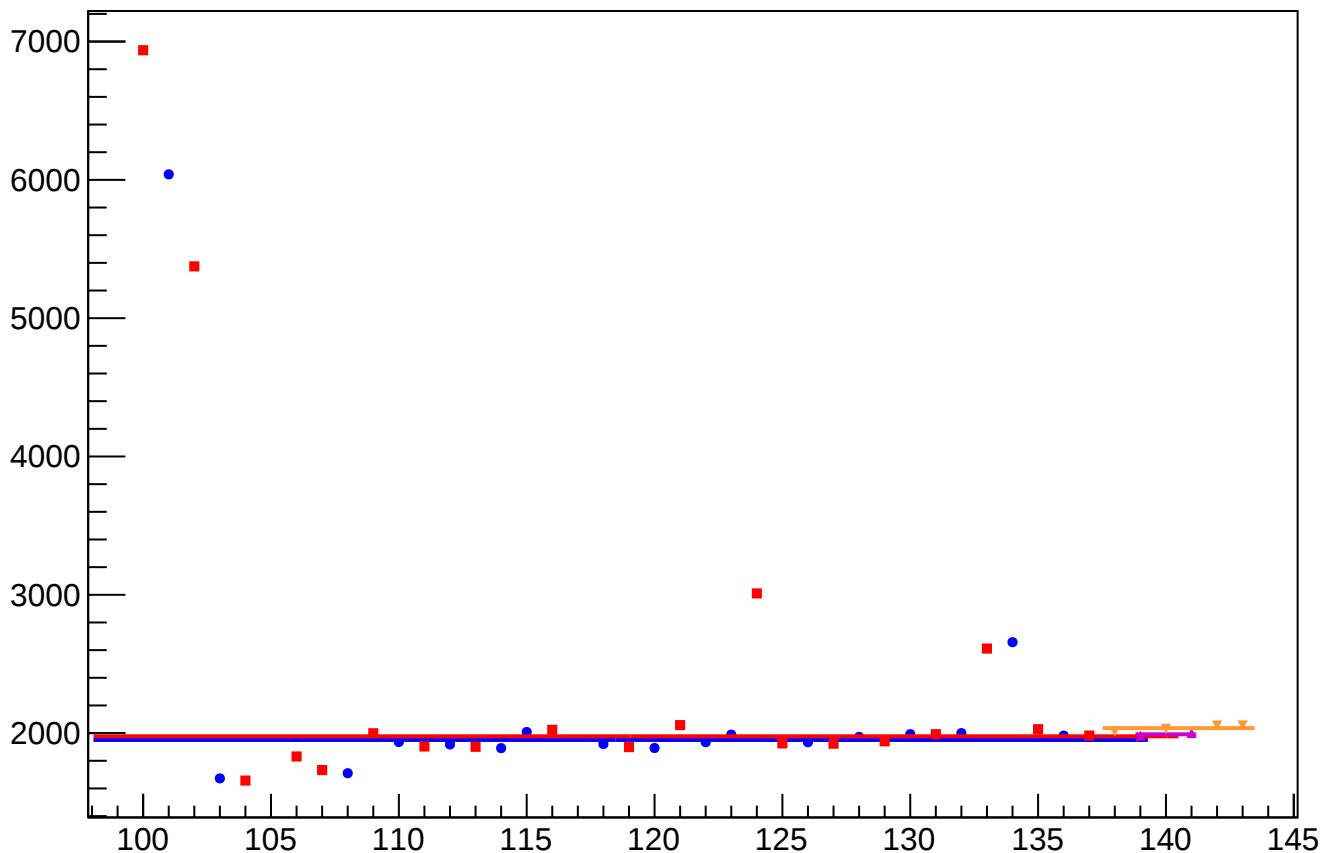
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

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

Out: 2580.382+/-650.546 χ^2/NDF :25.7/22

All: 3086.409+/-473.872 χ^2/NDF : 39.6/41

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2036.089+/-0.872 χ^2/NDF :442.5/3

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: 2018.859+/-0.683 χ^2/NDF : 1530.7/5

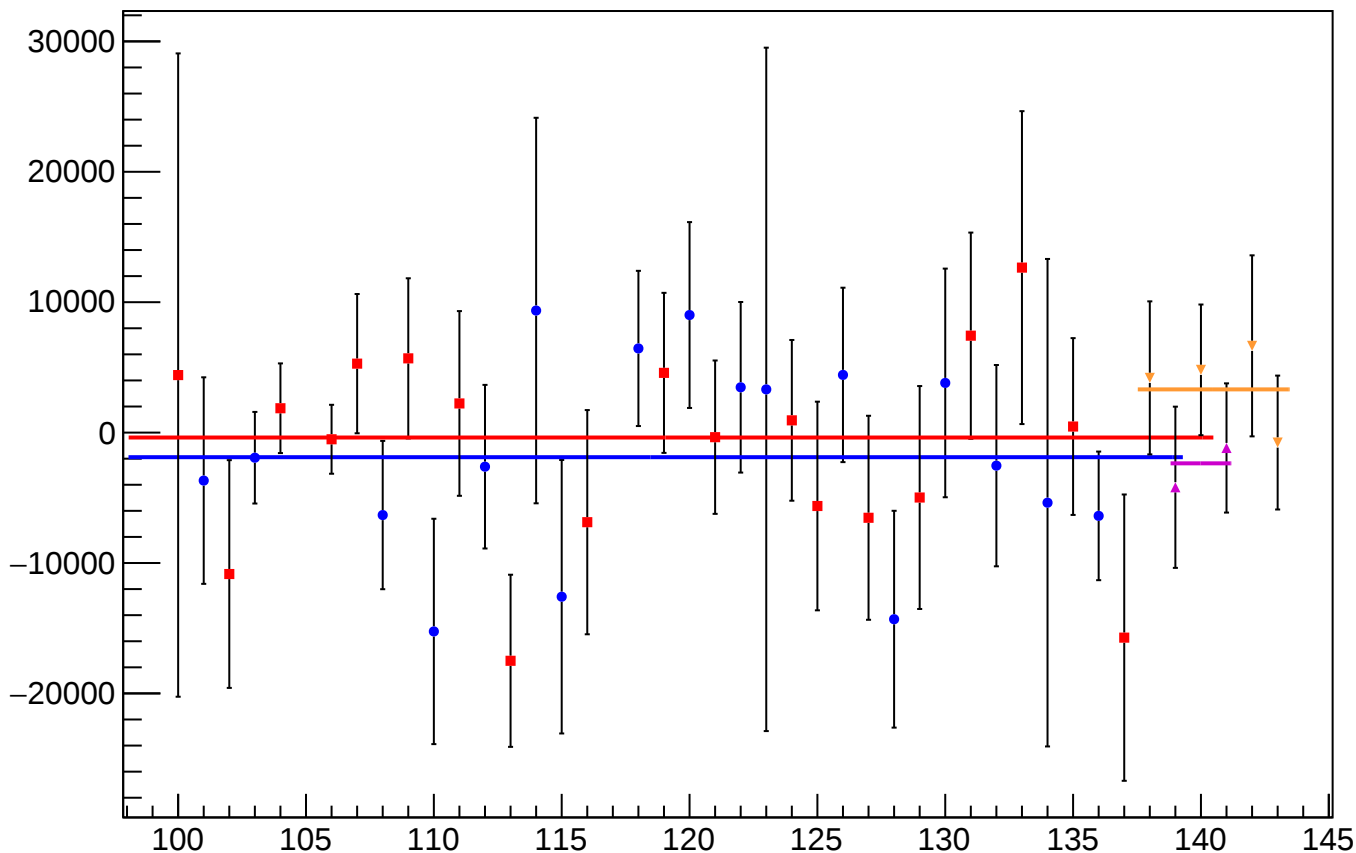
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

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

Out: 1993.428+/-0.460 χ^2/NDF :611467.8/22

All: 1977.164+/-0.335 χ^2/NDF : 1230479.5/41

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 3313.369+/-2799.630 χ^2/NDF : 1.0/3

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: 1362.498+/-2267.480 χ^2/NDF : 2.5/5

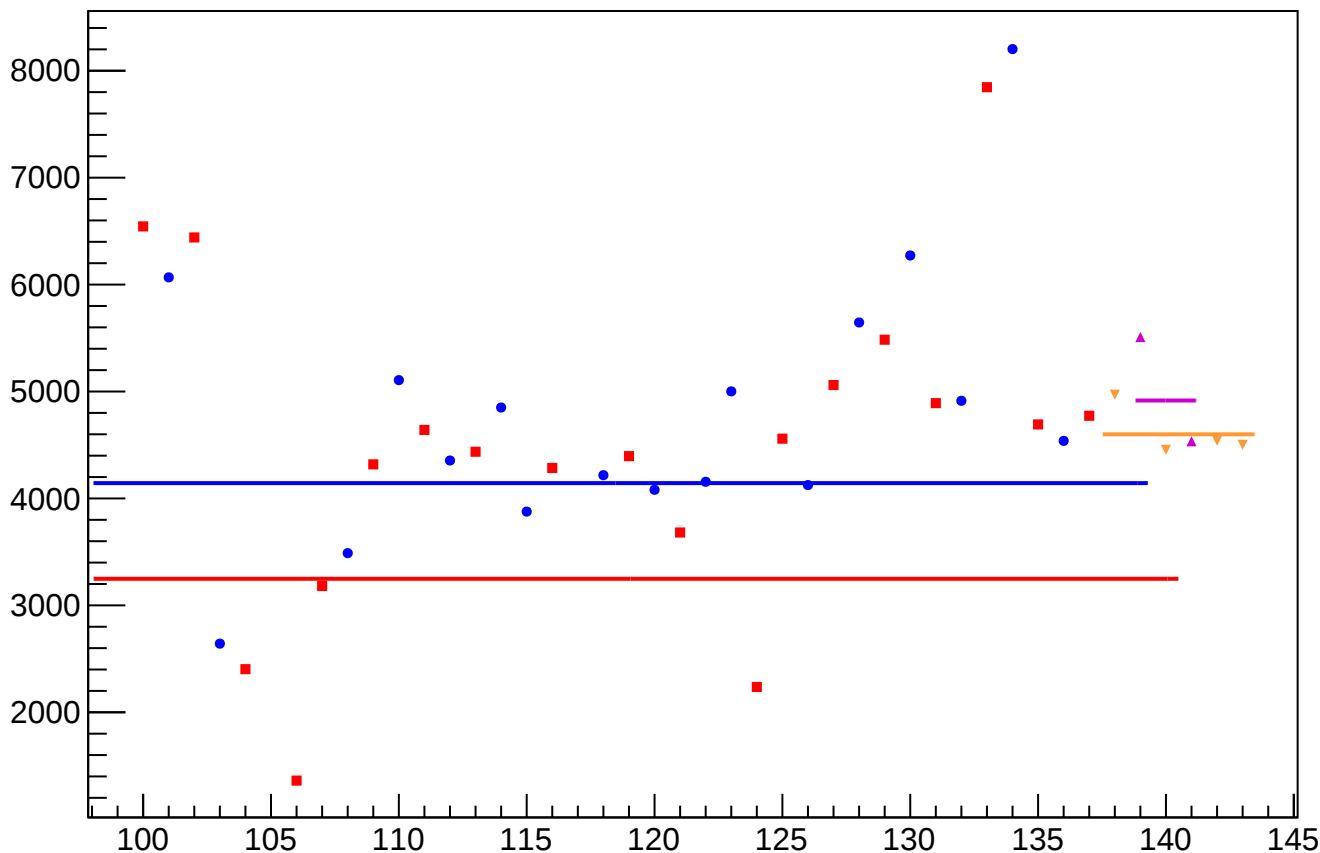
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

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

Out: 327.377+/-1223.020 χ^2/NDF : 20.0/22

All: -568.300+/-953.791 χ^2/NDF : 35.6/41

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4599.569+/-1.980 χ^2/NDF : 10536.0/3

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: 4708.408+/-1.603 χ^2/NDF : 49627.1/5

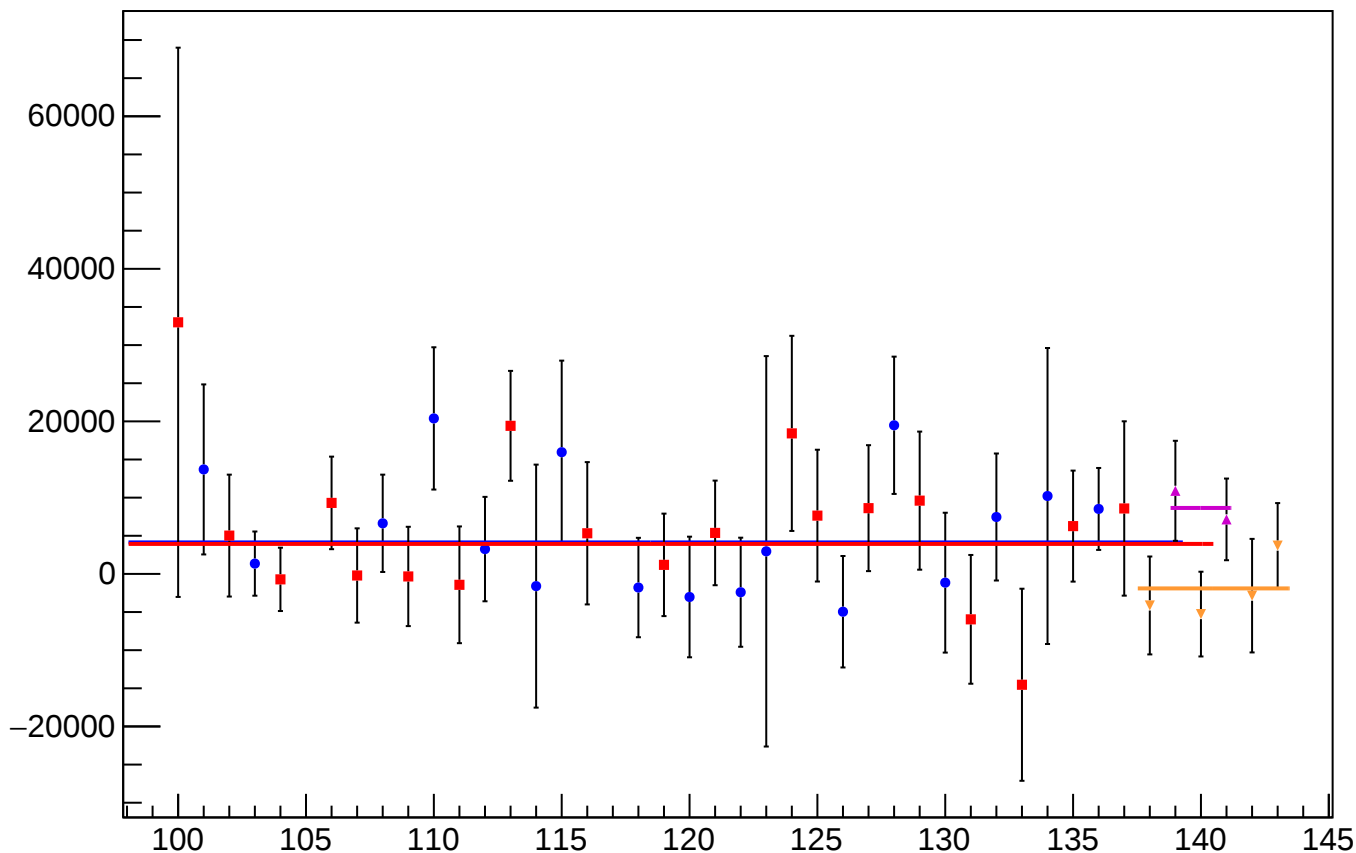
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

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

Out: 3506.445+/-0.865 χ^2/NDF : 3005129.9/22

All: 3803.062+/-0.674 χ^2/NDF : 4259101.1/41

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -1902.284 $\pm$ 3058.873 χ^2 /NDF:1.5/3

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: 1815.214 $\pm$ 2461.672 χ^2 /NDF: 5.9/5

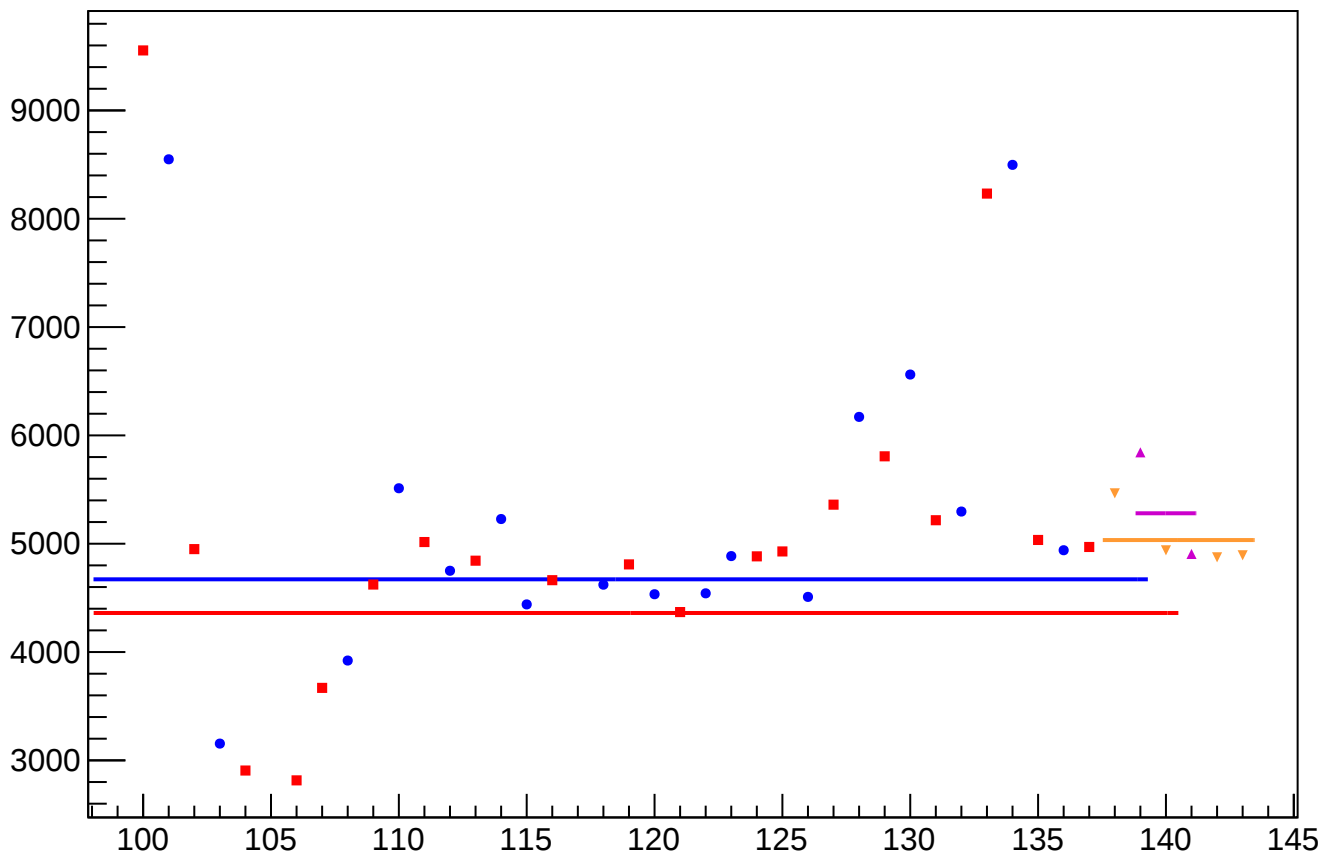
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

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

Out: 2524.671 $\pm$ 1502.877 χ^2 /NDF:19.2/22

All: 3560.910 $\pm$ 1125.806 χ^2 /NDF: 35.1/41

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5033.837+/-2.163 χ^2/NDF : 11802.5/3

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: 5120.940+/-1.741 χ^2/NDF : 40962.3/5

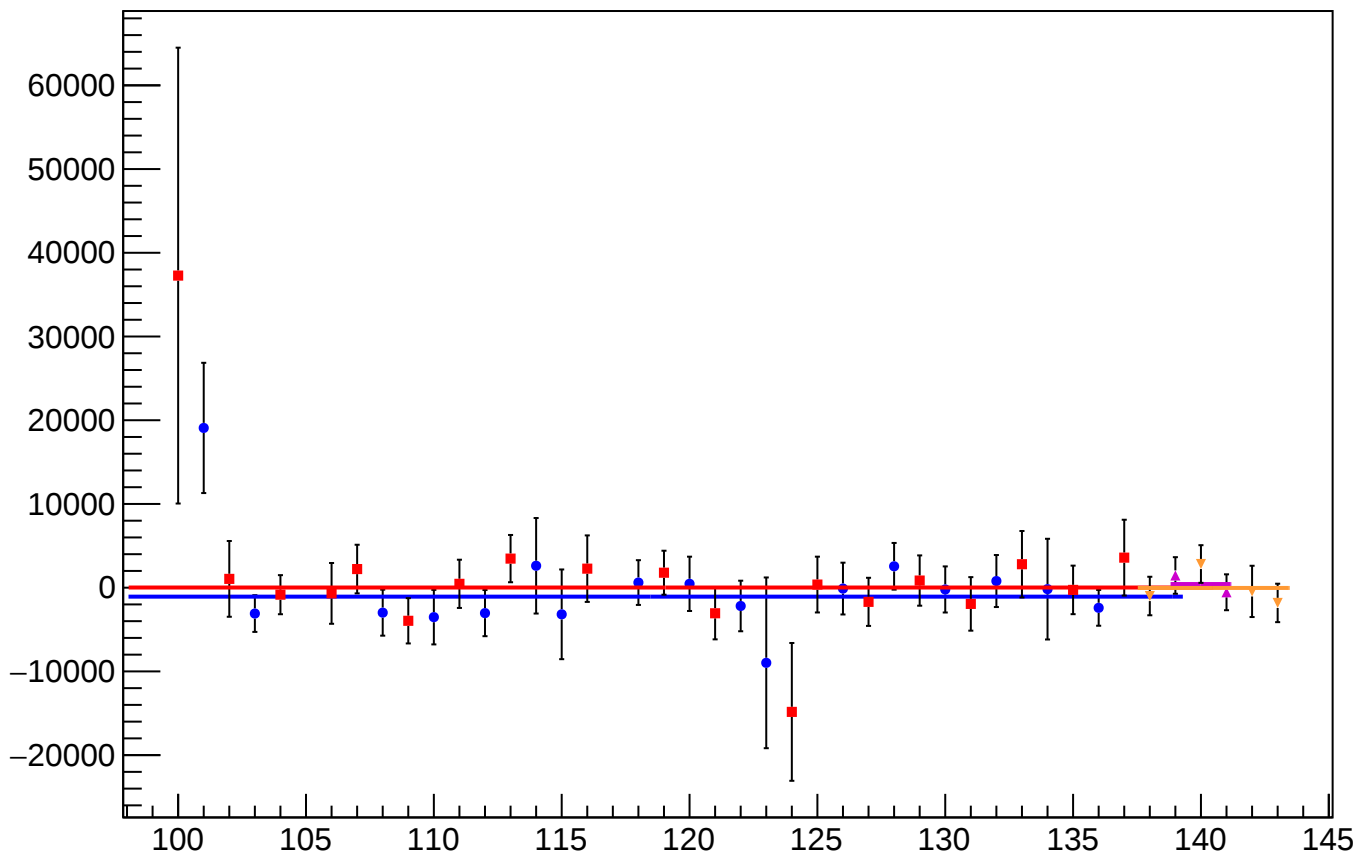
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

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

Out: 4521.638+/-1.058 χ^2/NDF : 919641.1/22

All: 4631.714+/-0.794 χ^2/NDF : 1791069.8/41

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: -32.133+/-1209.816 χ^2/NDF : 2.4/3

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

Left In: 434.715+/-1530.458 χ^2/NDF : 0.4/1

Left: 147.402+/-949.093 χ^2/NDF : 2.9/5

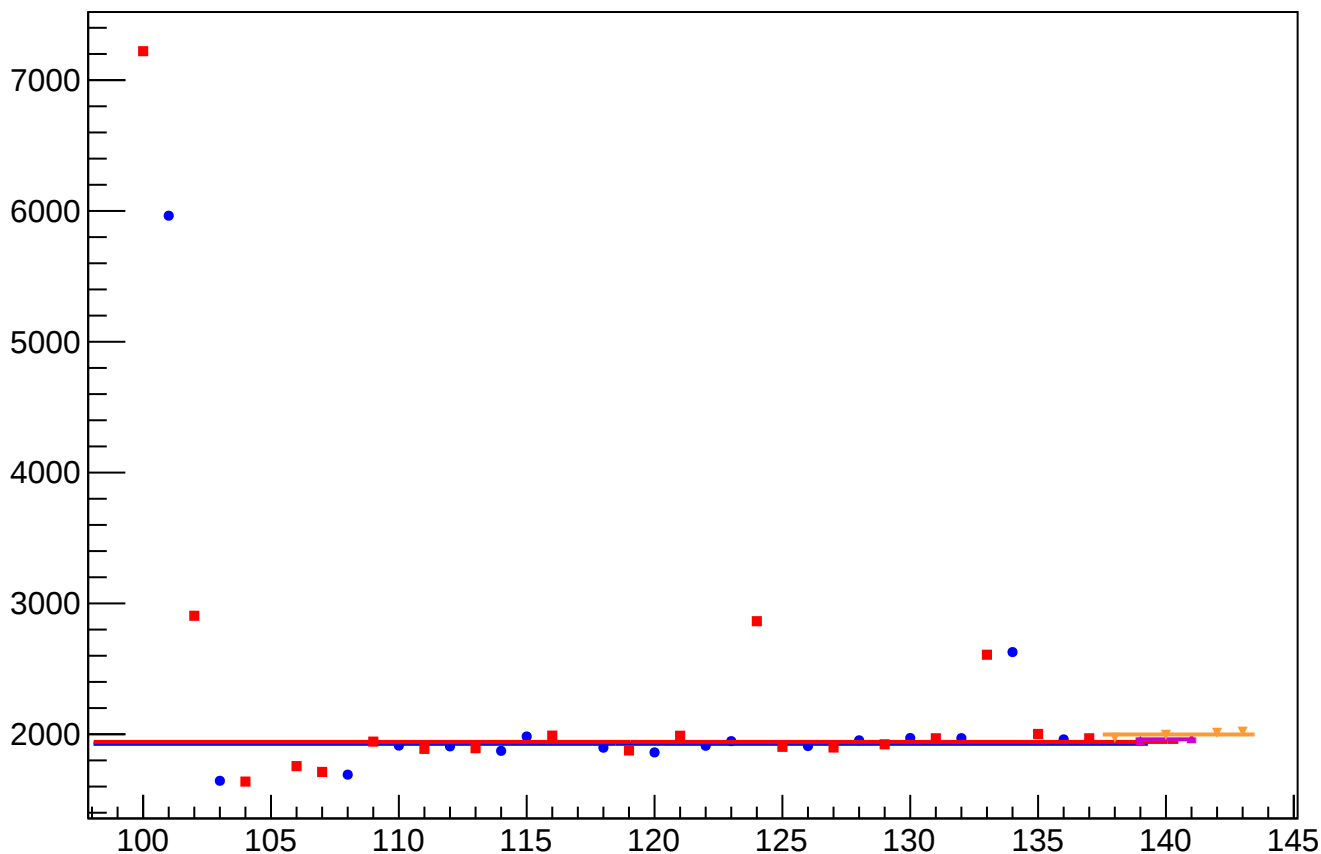
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -771.482+/-682.824 χ^2/NDF : 14.9/18

Out: 5.025+/-636.101 χ^2/NDF : 15.7/22

All: -355.755+/-465.433 χ^2/NDF : 31.3/41

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1998.210+/-0.855 χ^2/NDF : 456.9/3

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: 1983.936+/-0.671 χ^2/NDF : 1250.8/5

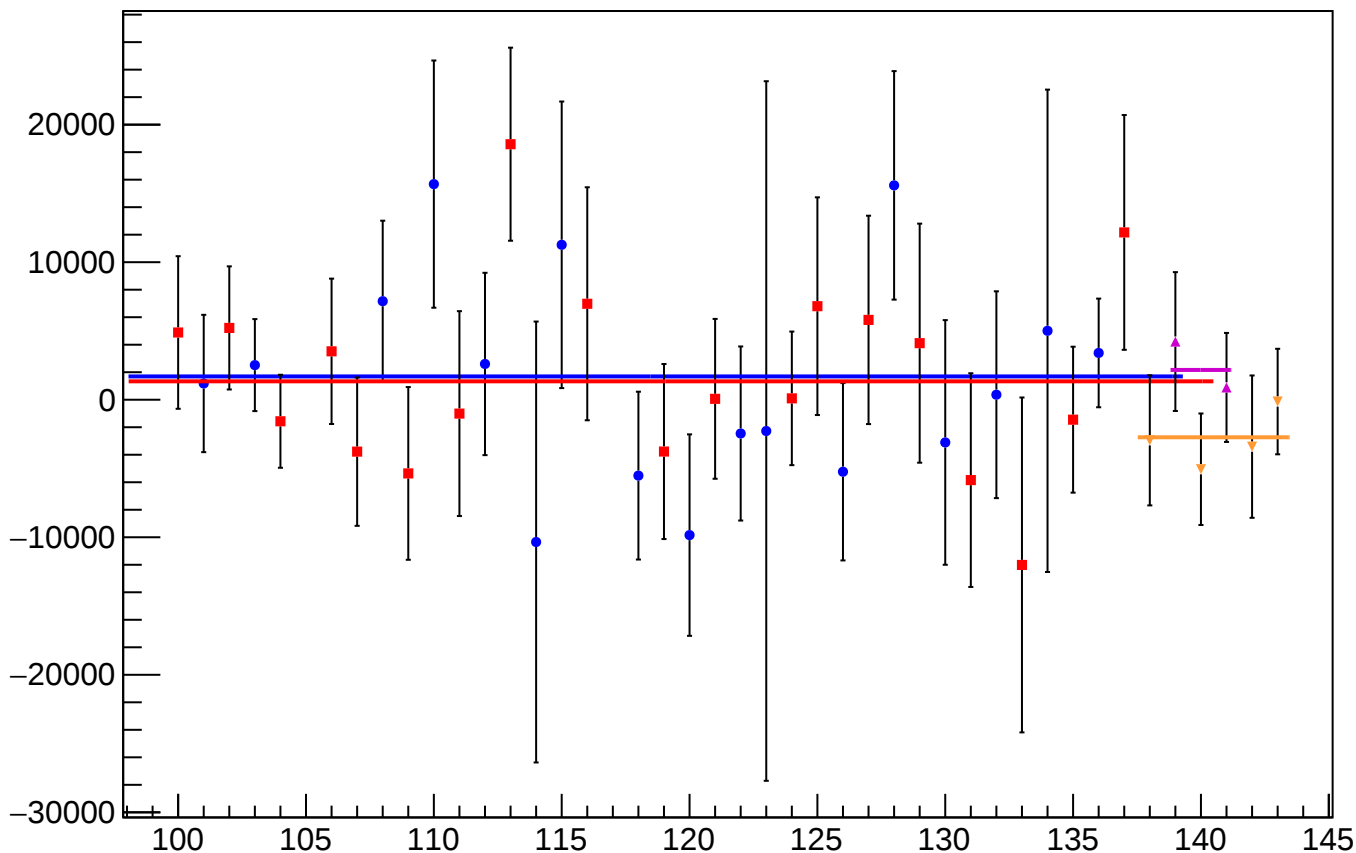
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

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

Out: 1956.987+/-0.450 χ^2/NDF : 308032.2/22

All: 1946.173+/-0.329 χ^2/NDF : 927264.5/41

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2731.296+/-2177.977 χ^2/NDF : 0.8/3

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: -1124.606+/-1785.315 χ^2/NDF : 2.7/5

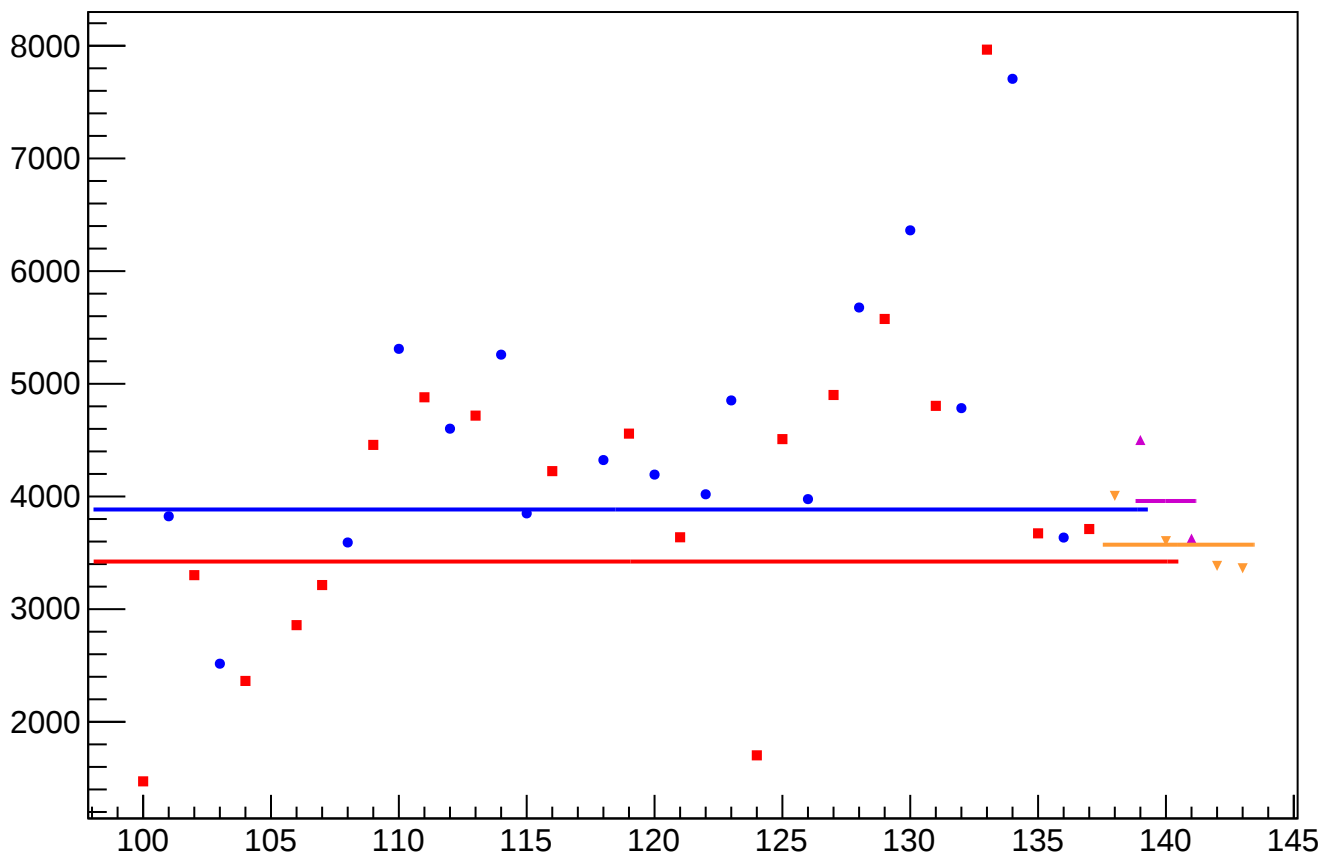
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

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

Out: 185.683+/-1159.052 χ^2/NDF : 19.6/22

All: 843.163+/-889.988 χ^2/NDF : 34.3/41

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3572.181 $\pm$ 1.540 χ^2 /NDF: 25468.9/3

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: 3699.428 $\pm$ 1.262 χ^2 /NDF: 83467.9/5

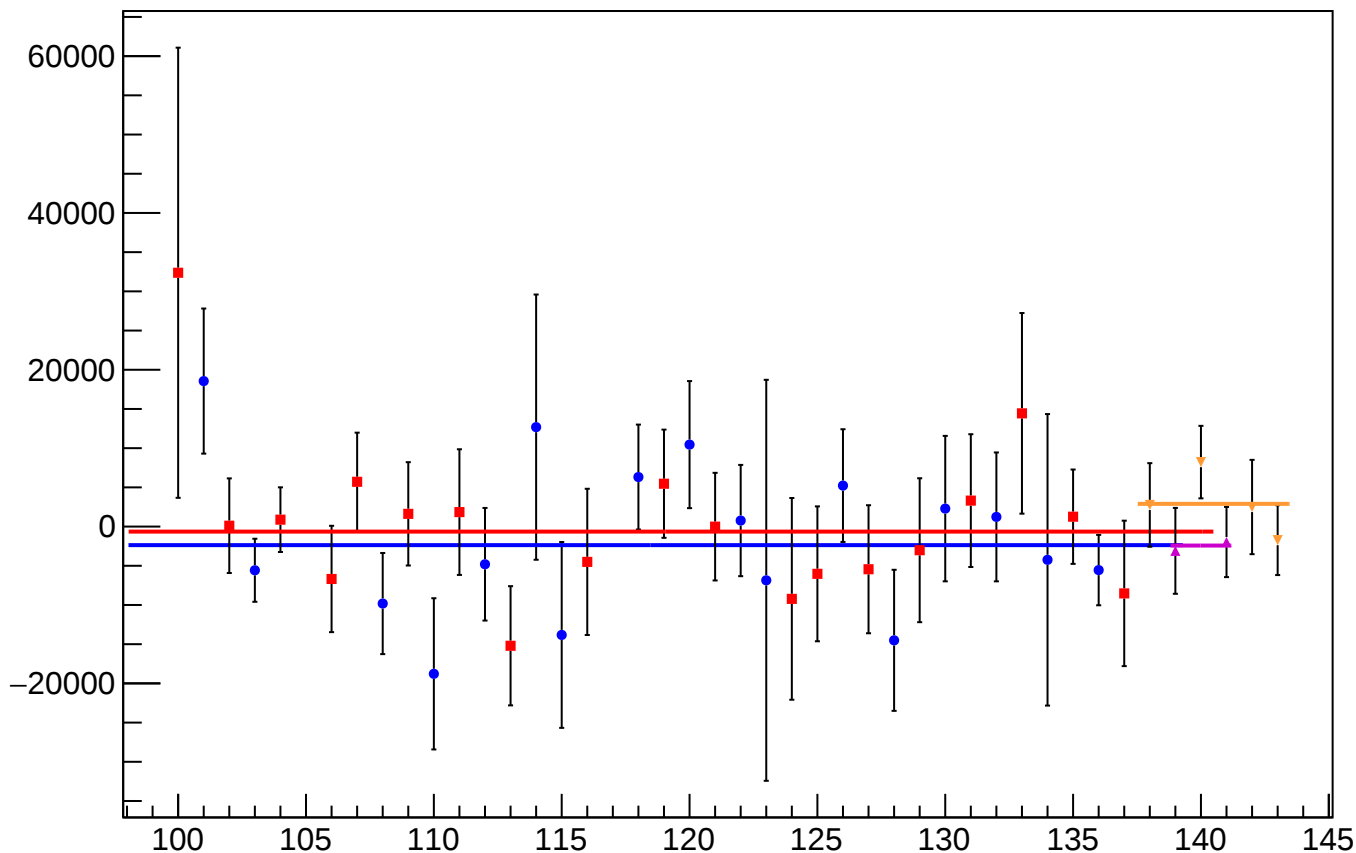
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

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

Out: 3464.982 $\pm$ 0.820 χ^2 /NDF: 1622524.9/22

All: 3643.342 $\pm$ 0.629 χ^2 /NDF: 2602621.1/41

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 2898.096+/-2499.936 χ^2/NDF : 2.4/3

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: 1078.245+/-2027.606 χ^2/NDF : 4.0/5

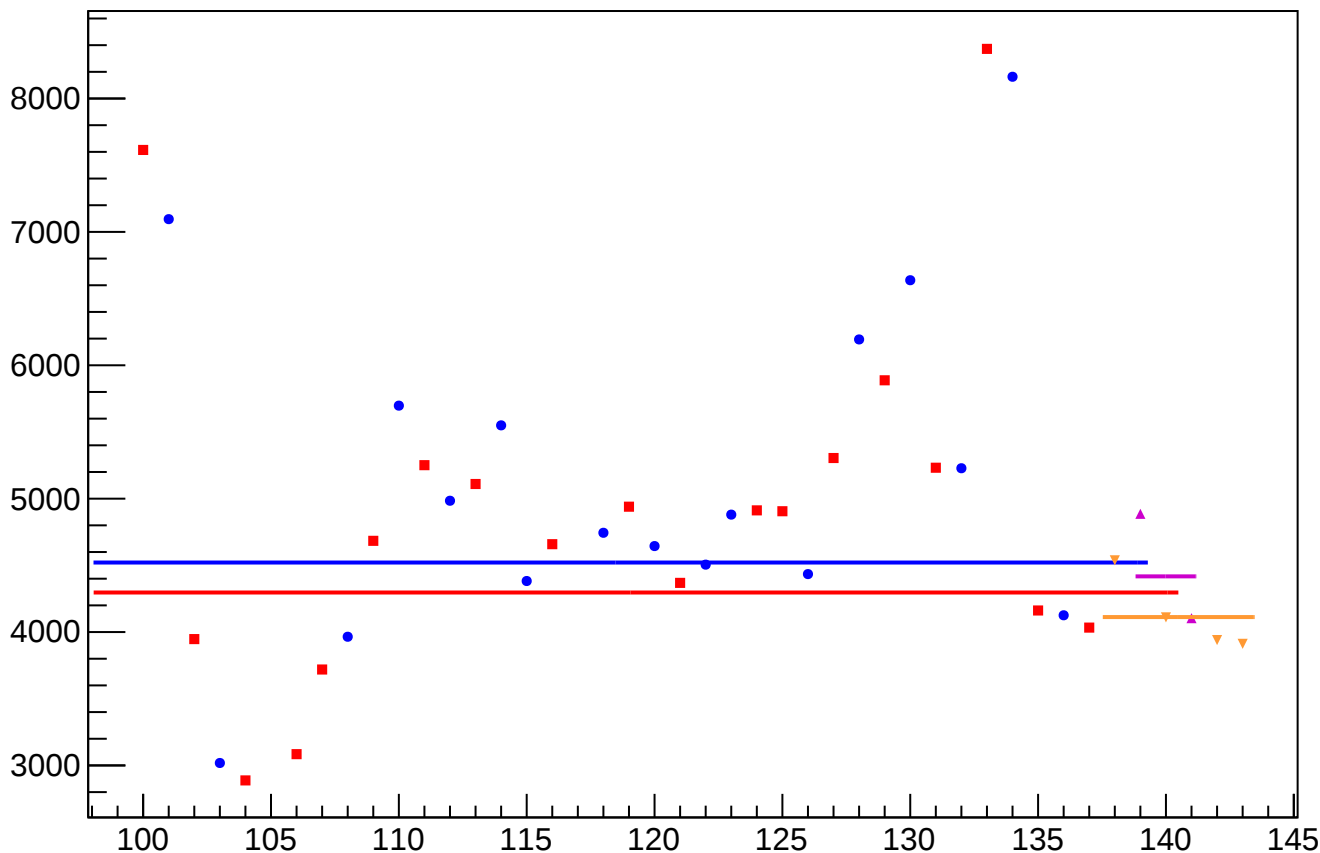
Right: -1449.011+/-1232.750 χ^2/NDF : 32.4/35

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

Out: 469.272+/-1400.188 χ^2/NDF : 15.6/22

All: -766.948+/-1053.347 χ^2/NDF : 37.6/41

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4112.349+/-1.768 χ^2/NDF : 18443.9/3

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: 4216.752+/-1.434 χ^2/NDF : 53107.6/5

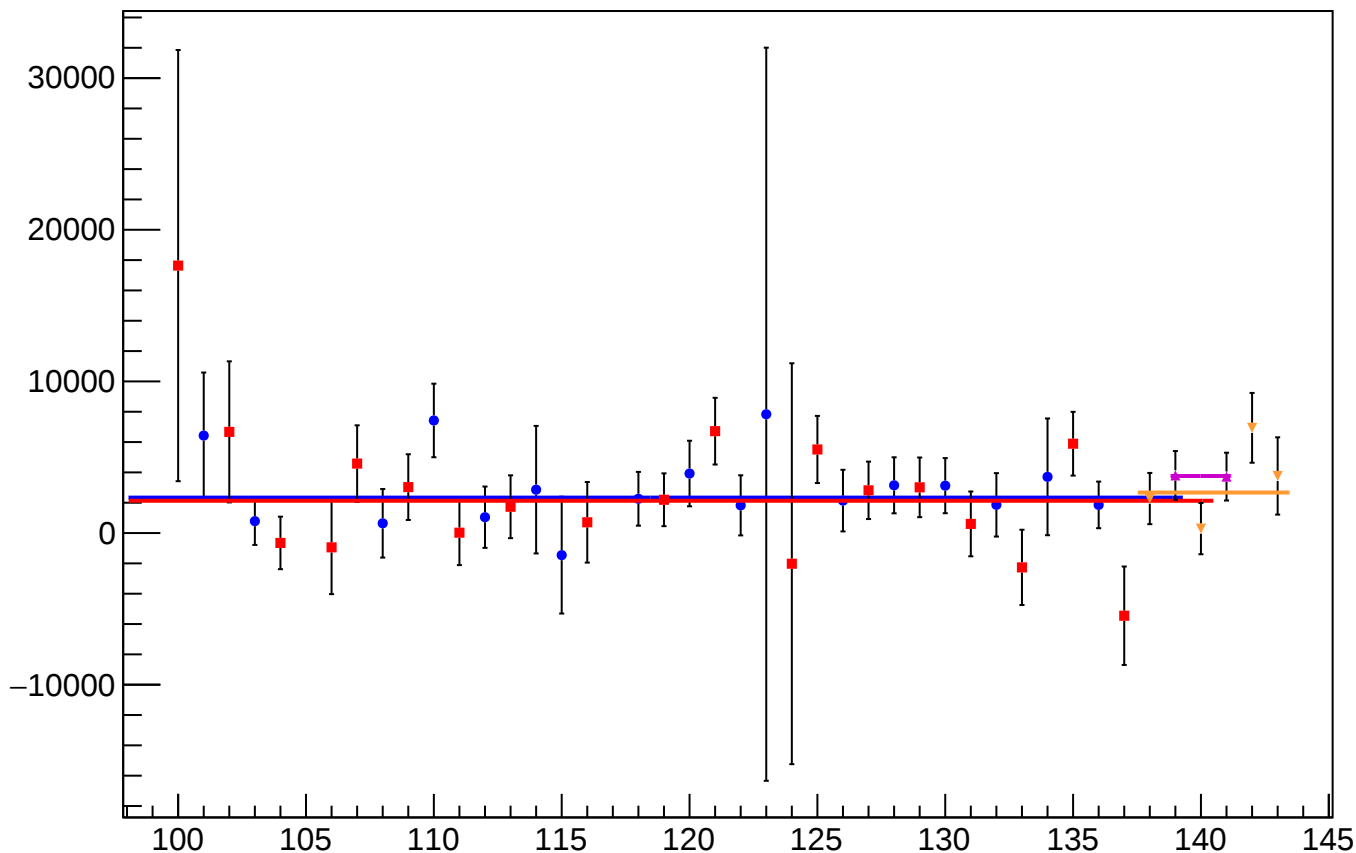
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

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

Out: 4239.159+/-0.986 χ^2/NDF : 799126.7/22

All: 4351.524+/-0.743 χ^2/NDF : 1633713.5/41

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 2672.231 $\pm$ 978.951 χ^2 /NDF:5.7/3

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

Left In: 3761.839 $\pm$ 1124.461 χ^2 /NDF:0.0/1

Left: 3142.017 $\pm$ 738.345 χ^2 /NDF: 6.2/5

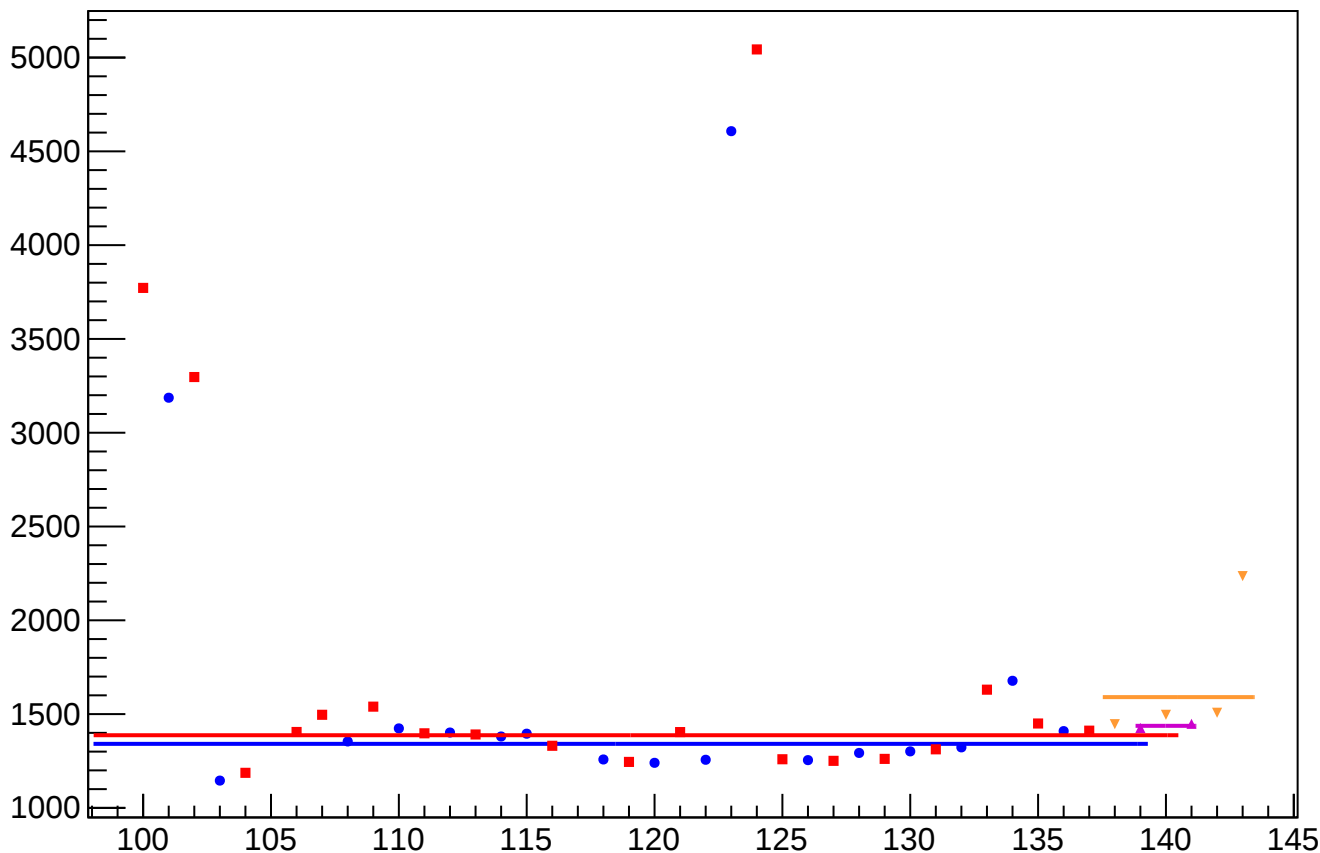
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2596.886 $\pm$ 480.253 χ^2 /NDF:10.9/18

Out: 2255.802 $\pm$ 472.313 χ^2 /NDF:33.4/22

All: 2423.501 $\pm$ 336.748 χ^2 /NDF: 44.6/41

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1590.515+/-0.692 χ^2/NDF :151539.2/3

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

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

Left: 1524.534+/-0.522 χ^2/NDF : 172802.1/5

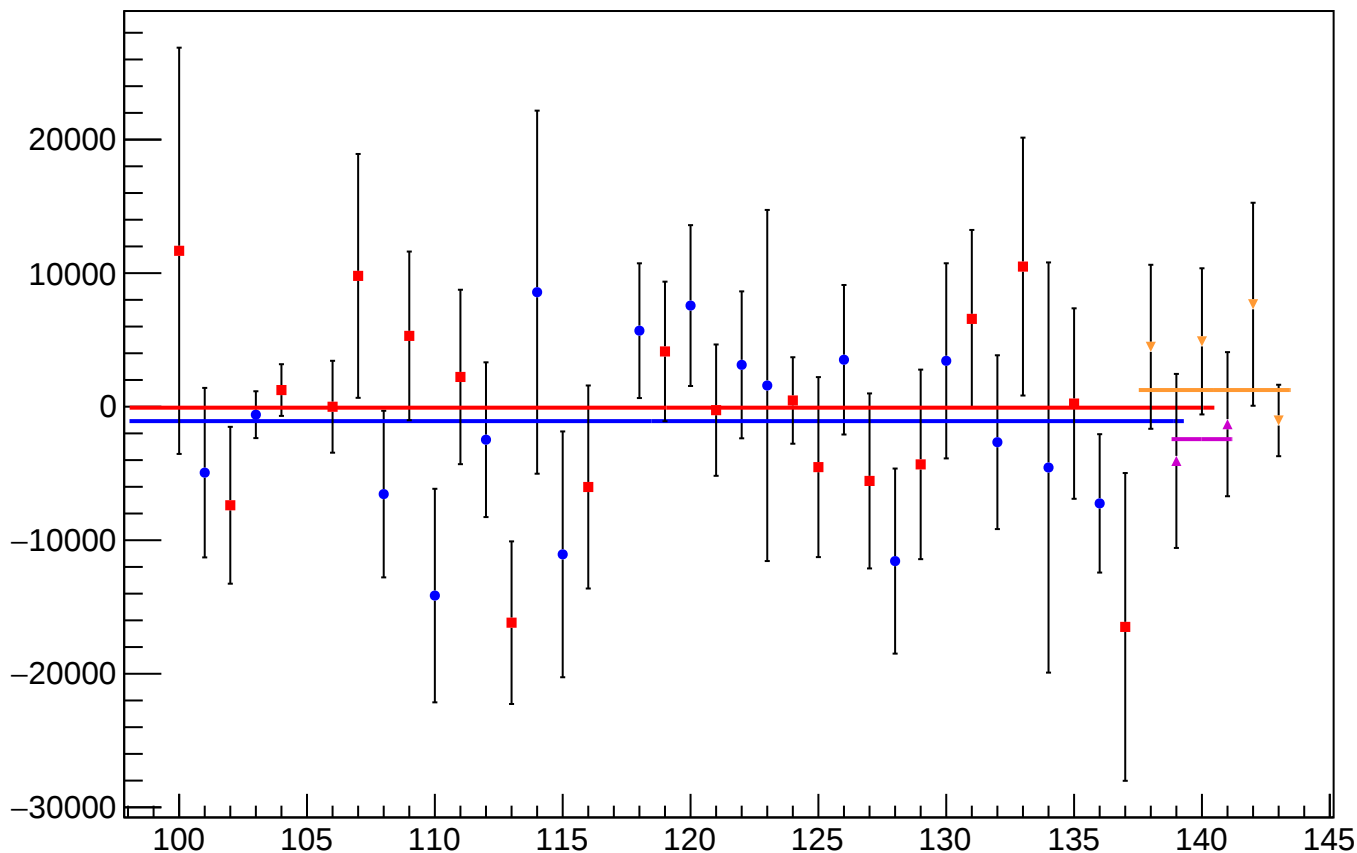
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

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

Out: 1434.607+/-0.334 χ^2/NDF :867836.4/22

All: 1397.400+/-0.238 χ^2/NDF : 1409514.8/41

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040+/-1212.382 χ^2/NDF : 15.0/16

Left Out: 1246.644+/-2146.542 χ^2/NDF : 2.2/3

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

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

Left: 472.306+/-1907.173 χ^2/NDF : 2.9/5

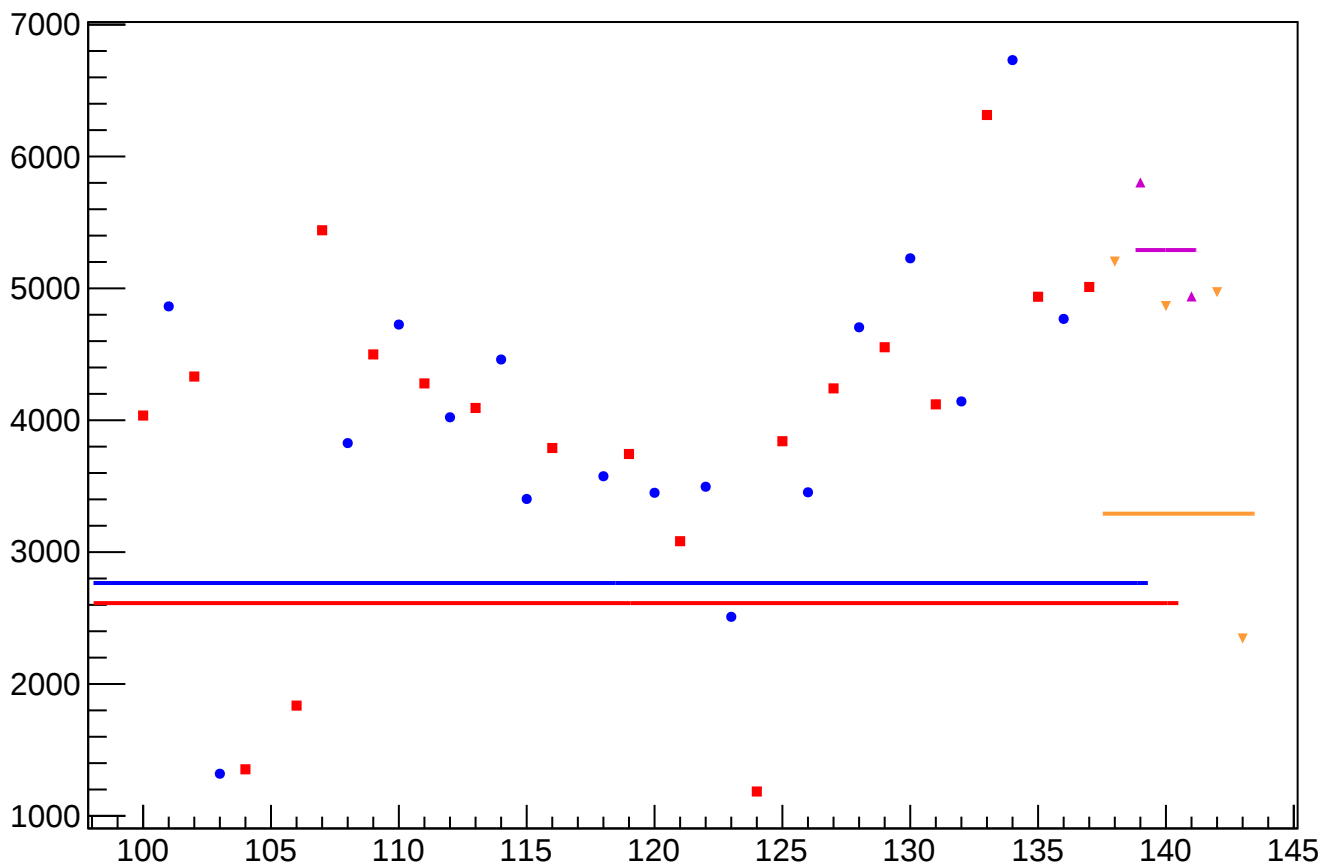
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

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

Out: 210.999+/-997.289 χ^2/NDF : 21.1/22

All: -380.821+/-757.299 χ^2/NDF : 37.1/41

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: 3291.597+/-1.518 χ^2/NDF : 707260.7/3

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: 3712.556+/-1.349 χ^2/NDF : 1093391.3/5

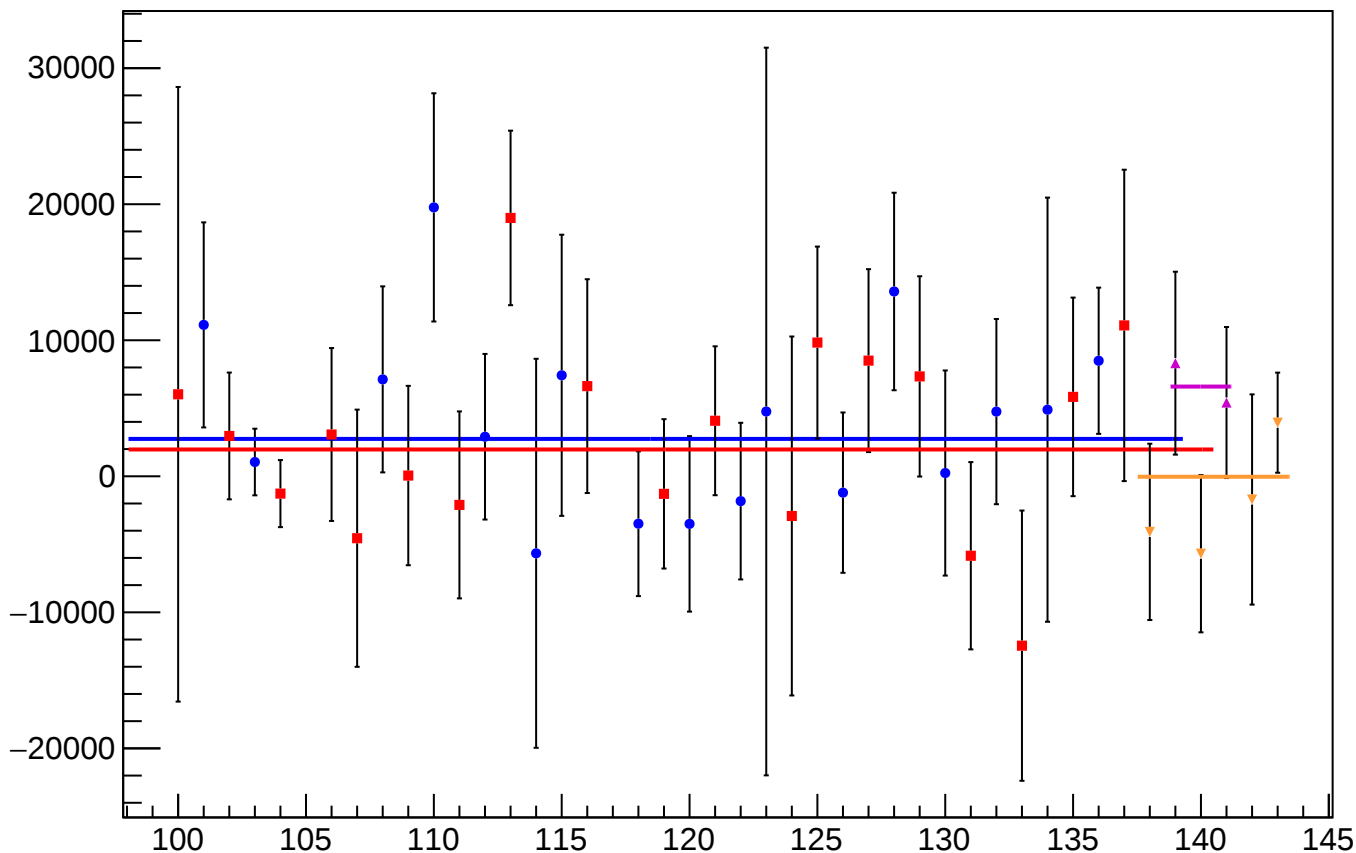
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

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

Out: 2759.767+/-0.705 χ^2/NDF : 4203746.6/22

All: 2846.129+/-0.535 χ^2/NDF : 7879391.7/41

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: -33.330+/-2632.026 χ^2/NDF : 2.6/3

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: 1785.201+/-2242.112 χ^2/NDF : 4.4/5

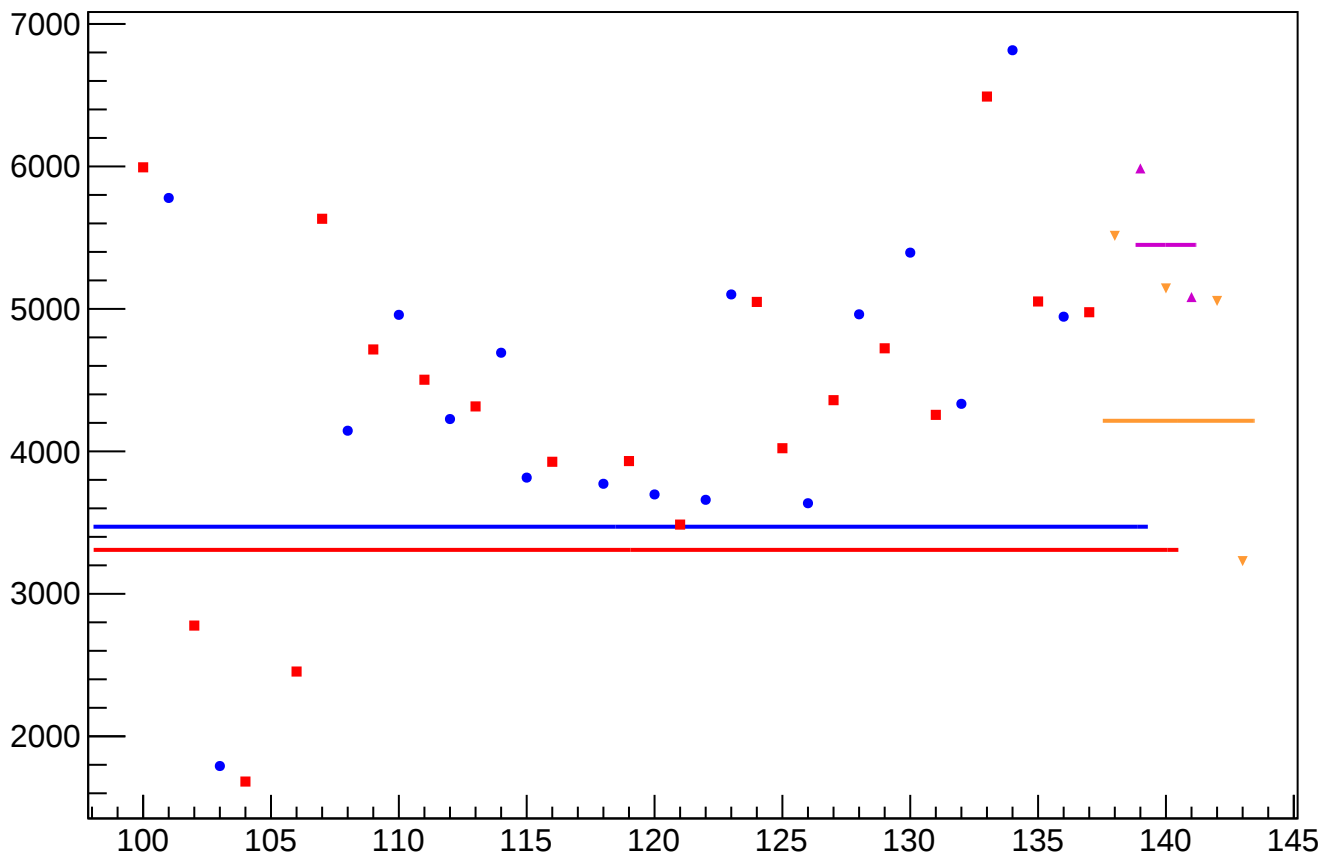
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

Out: 1538.097+/-1223.382 χ^2/NDF : 20.8/22

All: 2249.649+/-912.657 χ^2/NDF : 36.2/41

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: 4214.719+/-1.861 χ^2/NDF : 298959.6/3

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: 4553.437+/-1.585 χ^2/NDF : 441146.8/5

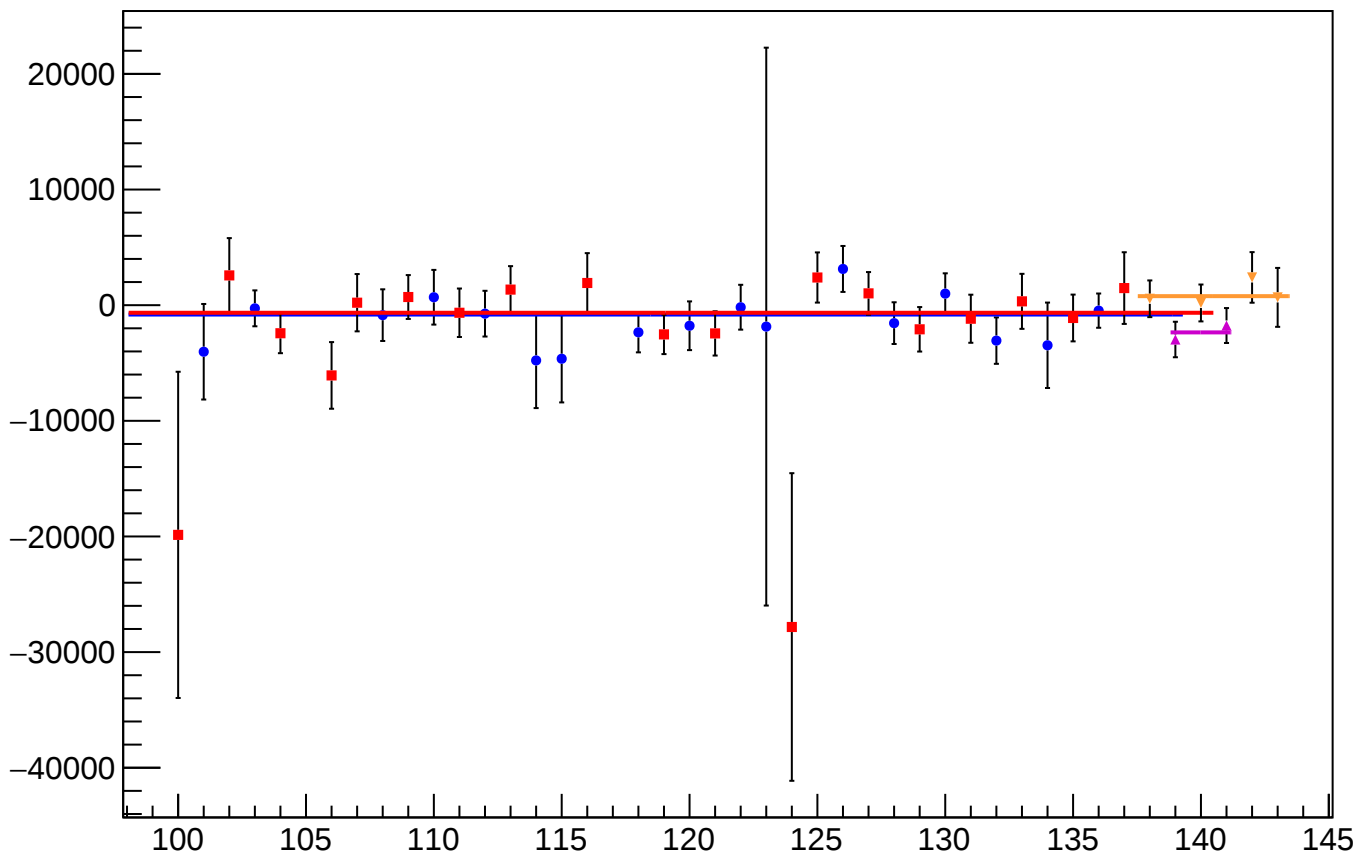
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 3501.524+/-0.859 χ^2/NDF : 2399922.6/22

All: 3577.363+/-0.643 χ^2/NDF : 4590339.9/41

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: 781.048 ± 930.954 χ^2/NDF : 0.7/3

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: -560.133 ± 704.165 χ^2/NDF : 5.9/5

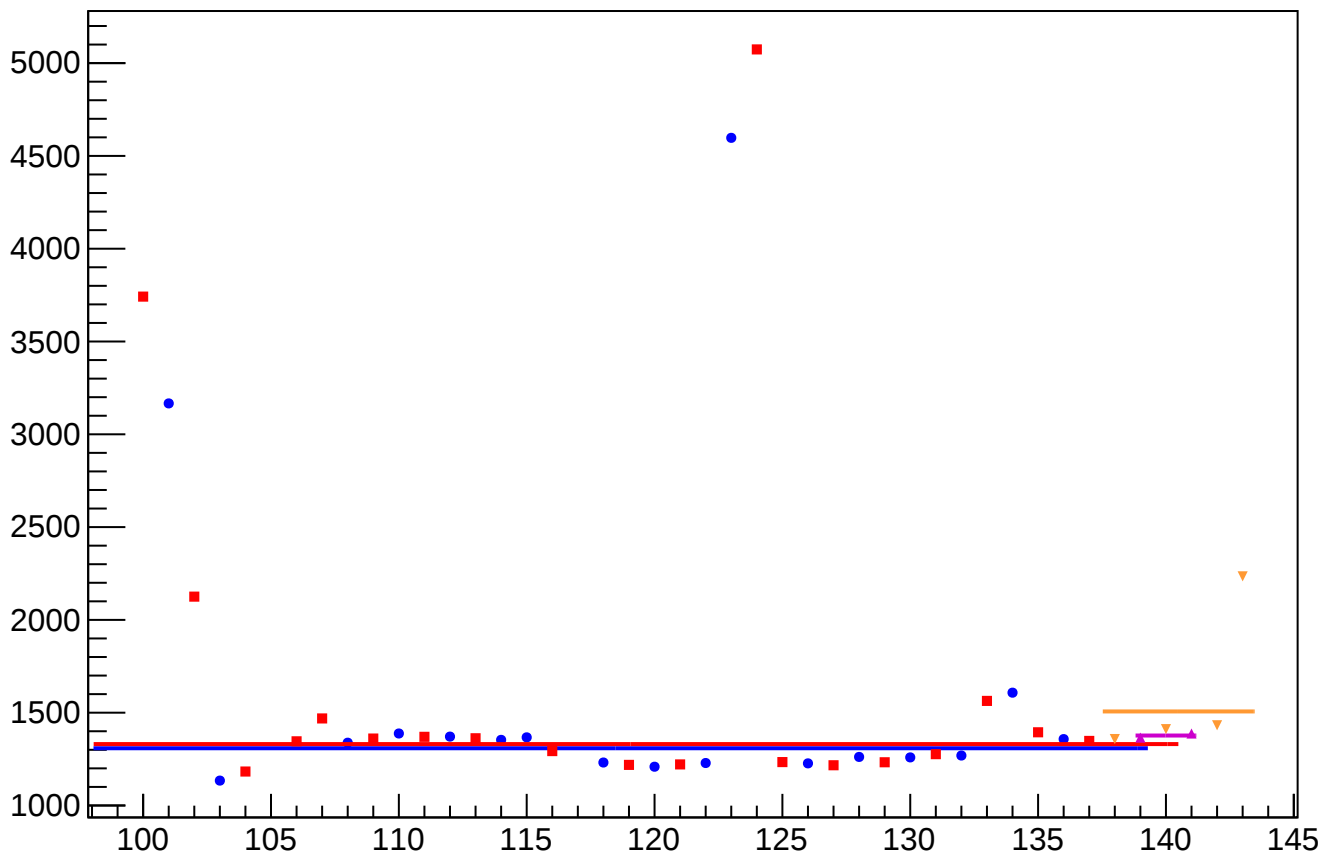
Right: -732.099 ± 365.136 χ^2/NDF : 31.6/35

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

Out: -319.875 ± 450.366 χ^2/NDF : 23.0/22

All: -695.659 ± 324.148 χ^2/NDF : 37.6/41

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: 1506.672+/-0.658 χ^2/NDF :190302.3/3

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: 1451.163+/-0.498 χ^2/NDF : 207130.0/5

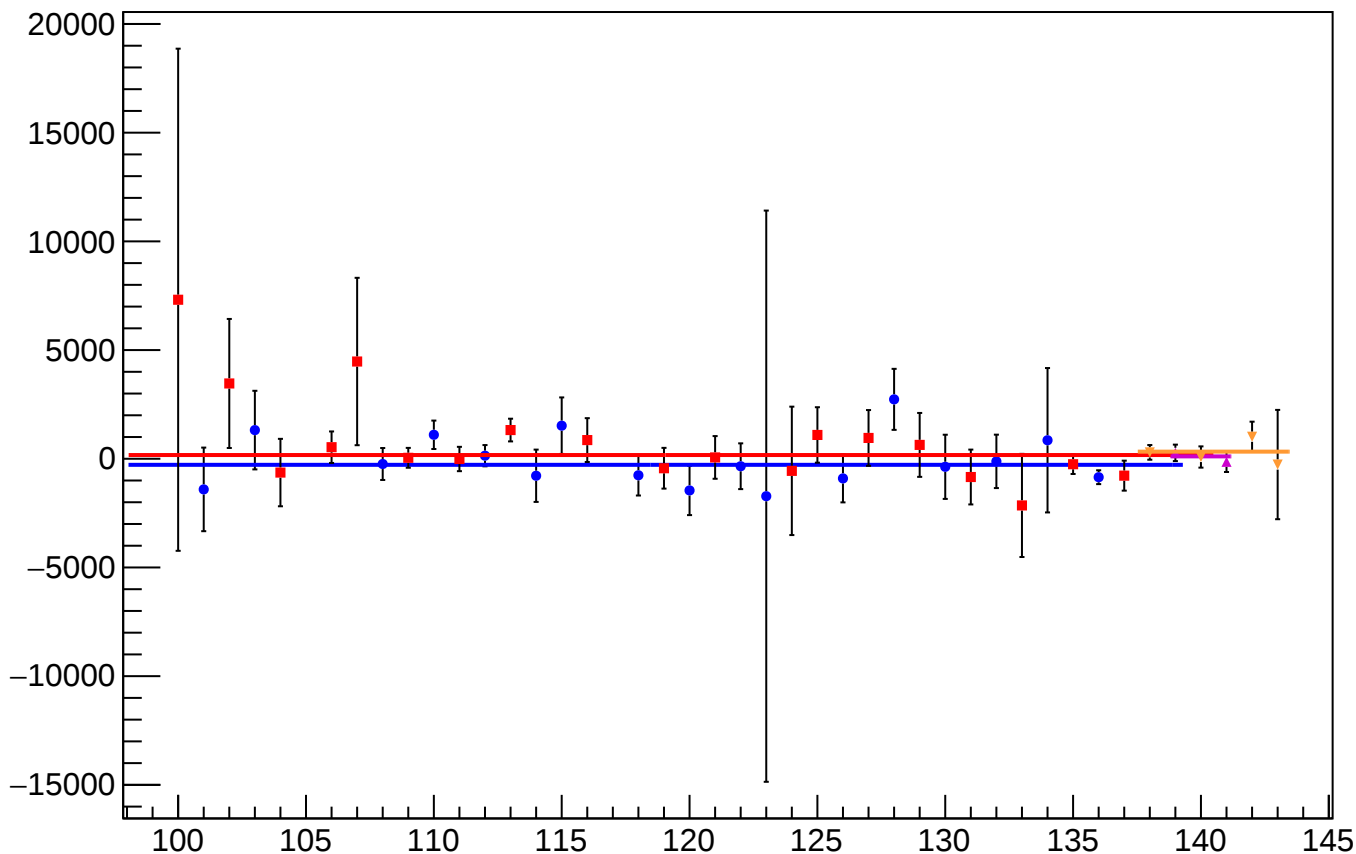
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

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

Out: 1372.005+/-0.318 χ^2/NDF :660784.7/22

All: 1347.551+/-0.229 χ^2/NDF : 1186362.2/41

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: 327.878 ± 256.757 χ^2/NDF : 1.3/3

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: 233.490 ± 193.566 χ^2/NDF : 2.1/5

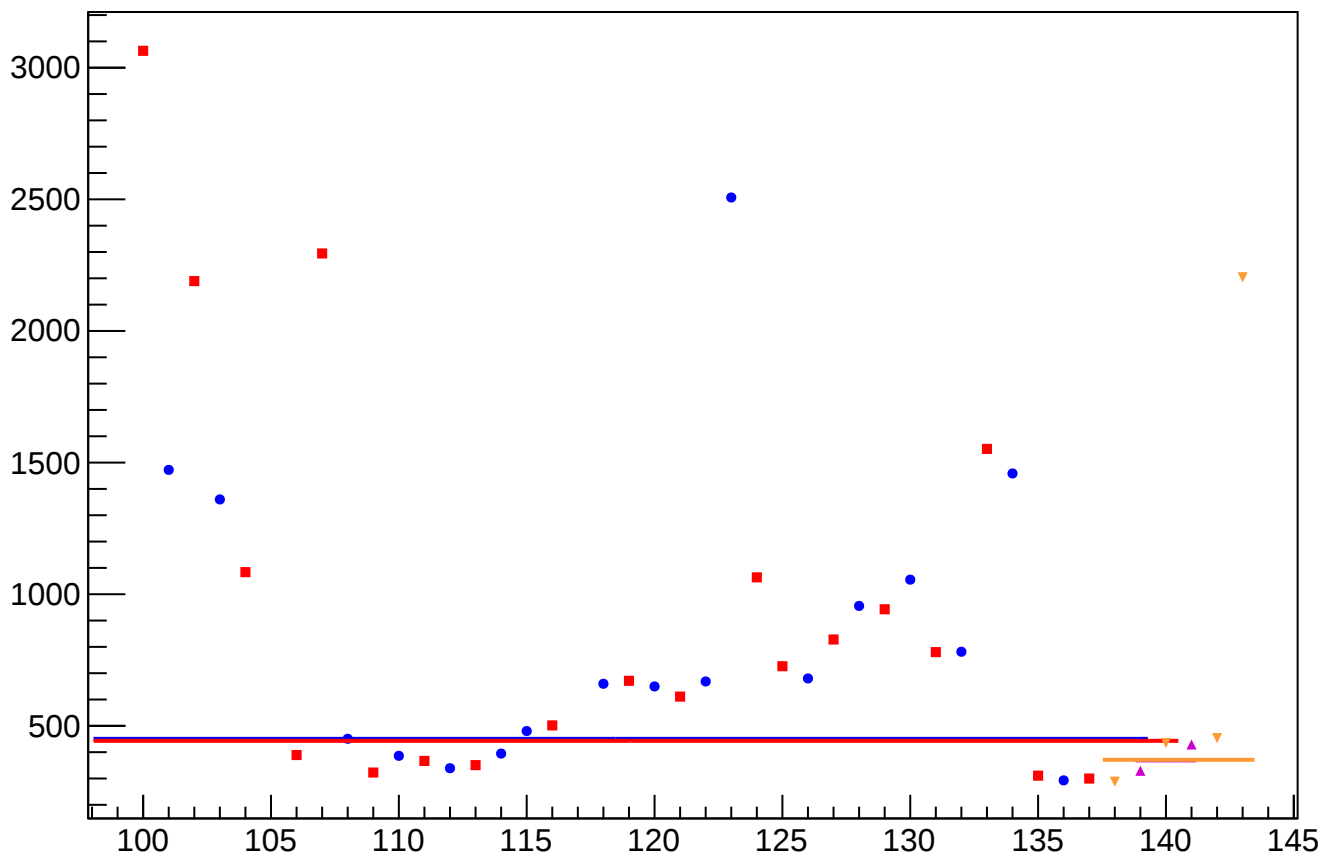
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

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

Out: 227.816 ± 153.999 χ^2/NDF : 16.3/22

All: 47.545 ± 112.393 χ^2/NDF : 38.9/41

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: 370.974+/-0.182 χ^2/NDF : 1246333.7/3

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: 370.022+/-0.137 χ^2/NDF : 1301466.1/5

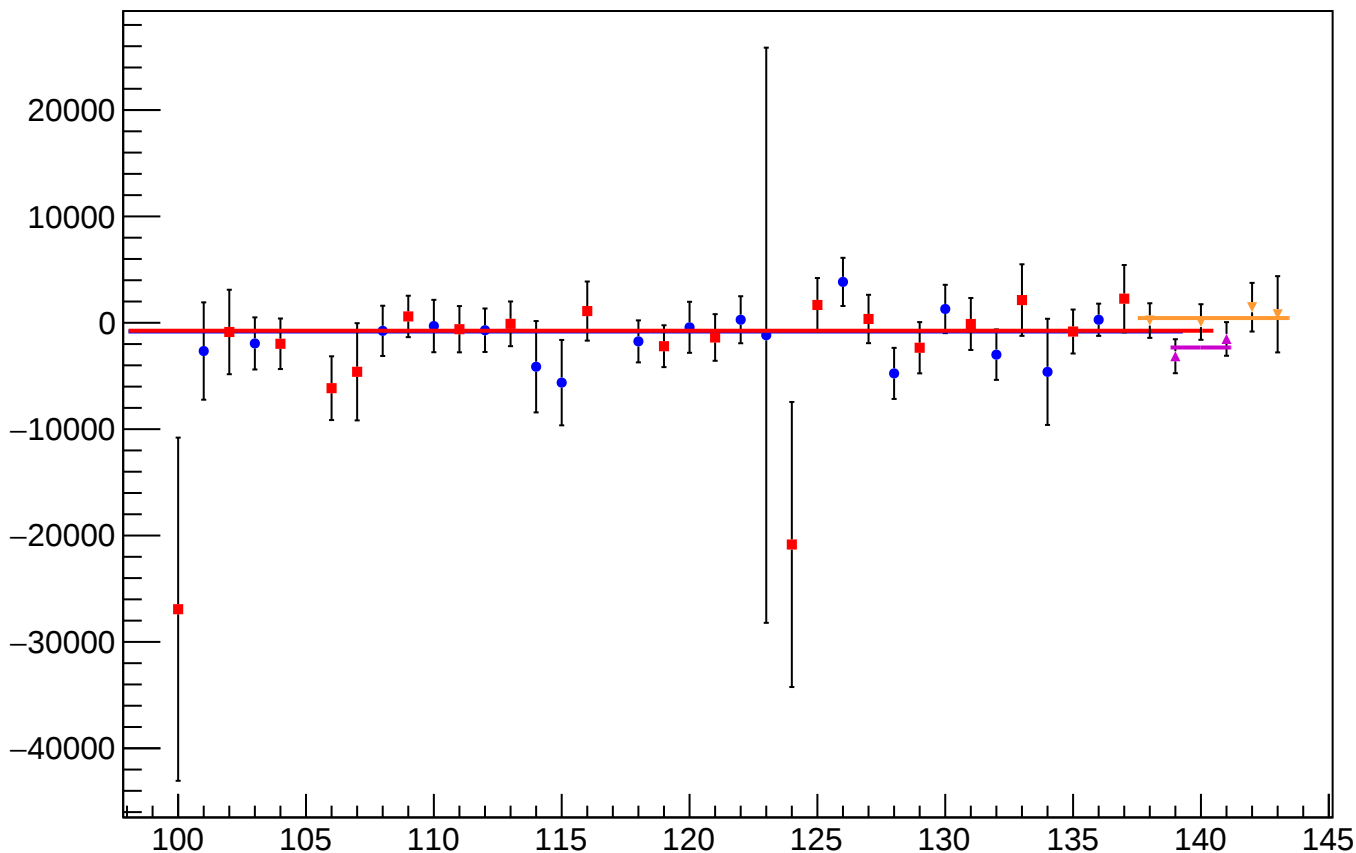
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

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

Out: 417.150+/-0.109 χ^2/NDF : 4818741.9/22

All: 420.873+/-0.079 χ^2/NDF : 7980277.3/41

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: 445.265+/-997.645 χ^2/NDF : 0.3/3

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: -774.403+/-746.148 χ^2/NDF : 4.2/5

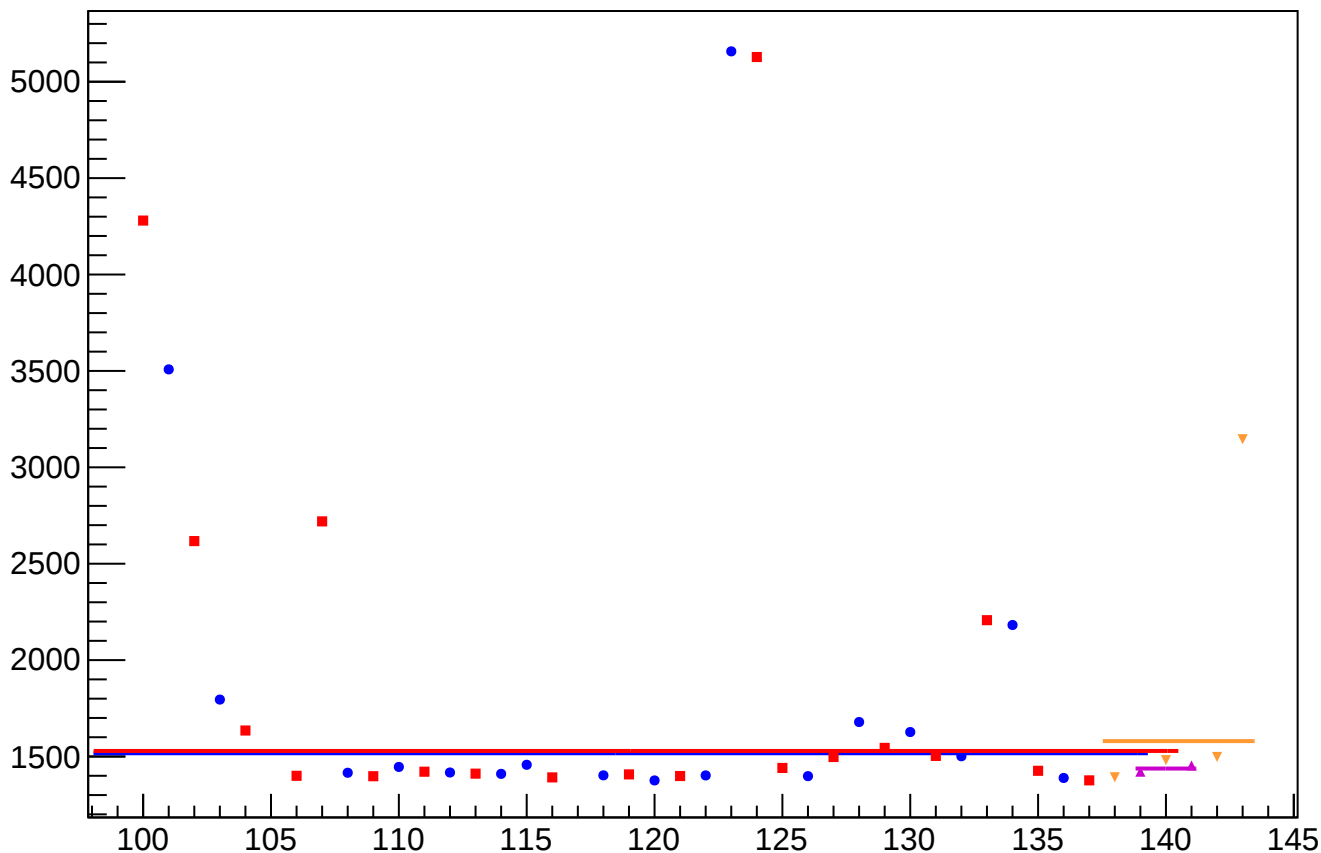
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

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

Out: -433.203+/-511.434 χ^2/NDF : 15.4/22

All: -779.707+/-368.061 χ^2/NDF : 31.0/41

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: 1579.829 +/- 0.705 χ^2/NDF : 417953.1/3

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: 1517.157 +/- 0.528 χ^2/NDF : 436275.9/5

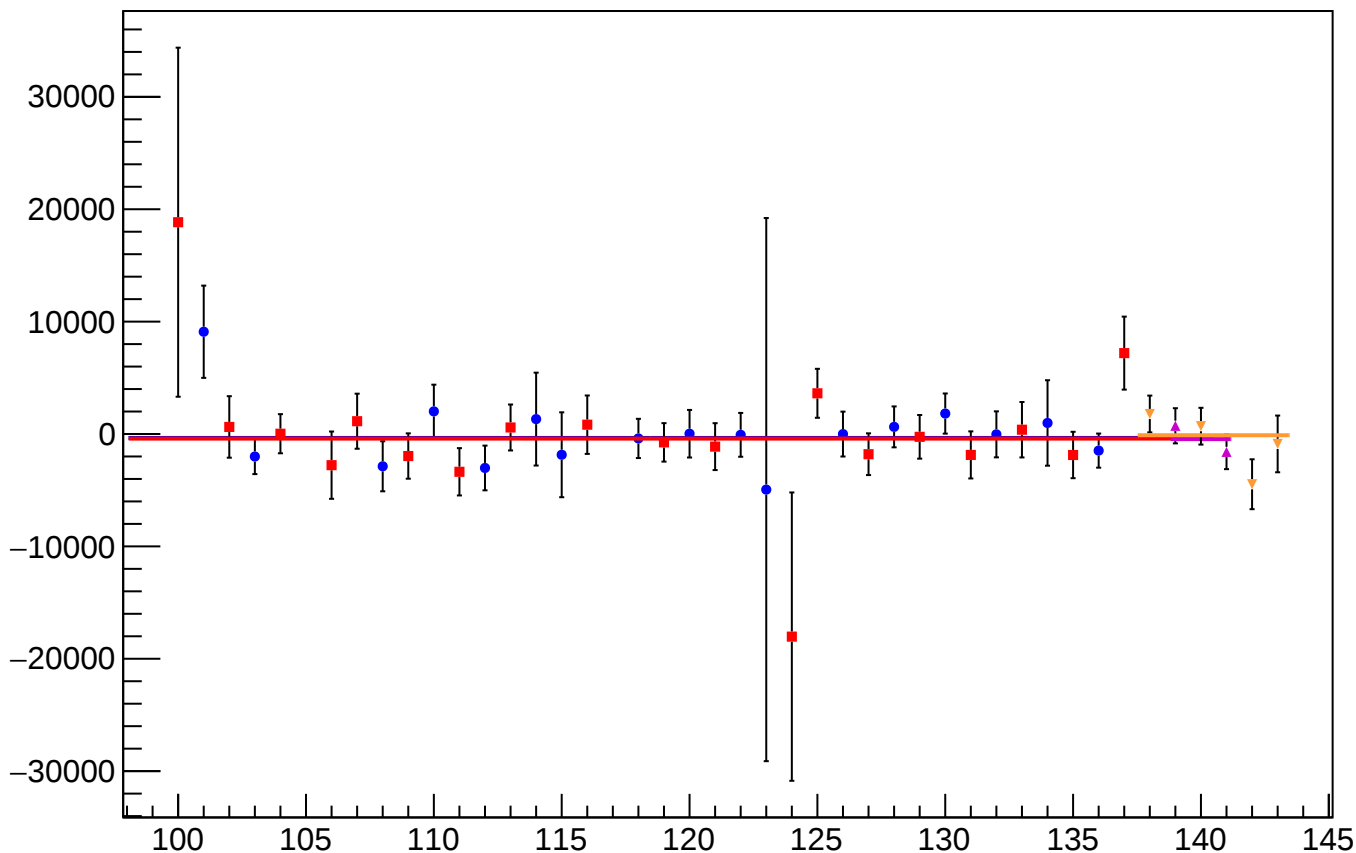
Right: 1522.950 +/- 0.299 χ^2/NDF : 1171618.0/35

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

Out: 1542.251 +/- 0.362 χ^2/NDF : 1051983.7/22

All: 1521.540 +/- 0.260 χ^2/NDF : 1607985.1/41

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: -110.202+/-950.562 χ^2/NDF : 5.5/3

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

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

Left: -256.853+/-718.203 χ^2/NDF : 6.7/5

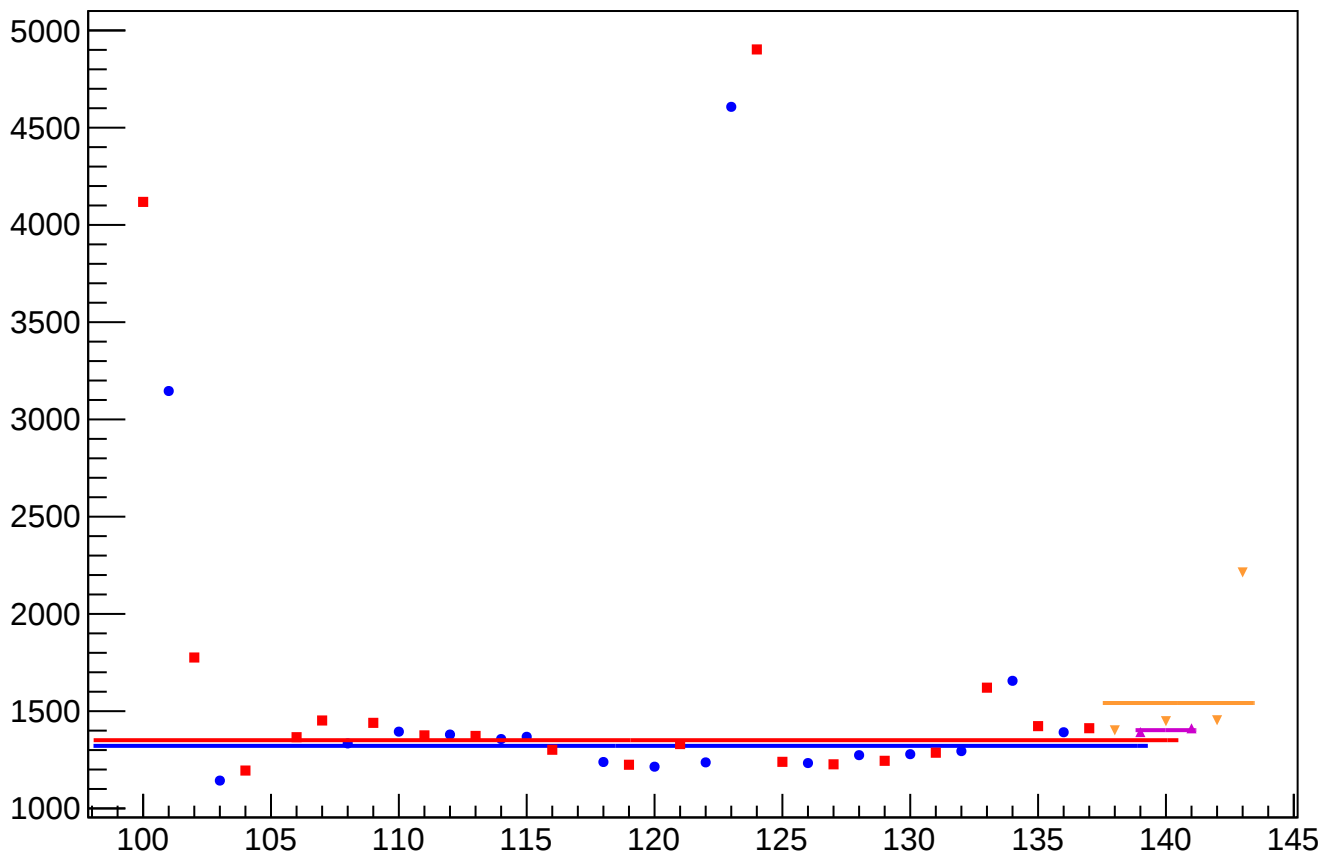
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

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

Out: -338.523+/-457.580 χ^2/NDF : 24.0/22

All: -354.474+/-328.632 χ^2/NDF : 38.5/41

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: 1542.028+/-0.672 χ^2/NDF :166012.0/3

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: 1482.129+/-0.508 χ^2/NDF : 184673.3/5

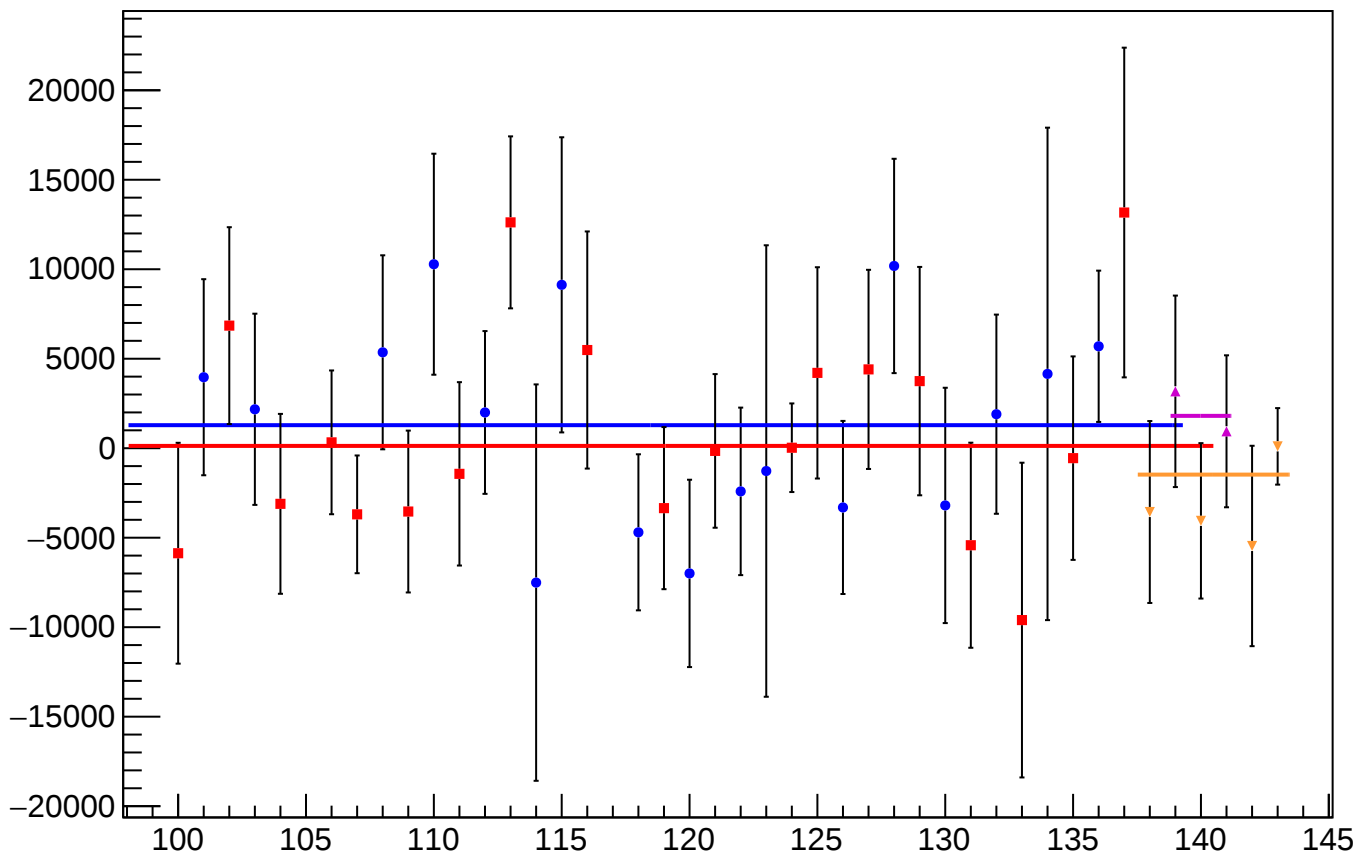
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

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

Out: 1395.054+/-0.323 χ^2/NDF :578114.9/22

All: 1366.805+/-0.232 χ^2/NDF : 1105113.8/41

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: -1474.388+/-1708.814 χ^2/NDF : 1.6/3

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: -788.771+/-1519.911 χ^2/NDF : 2.5/5

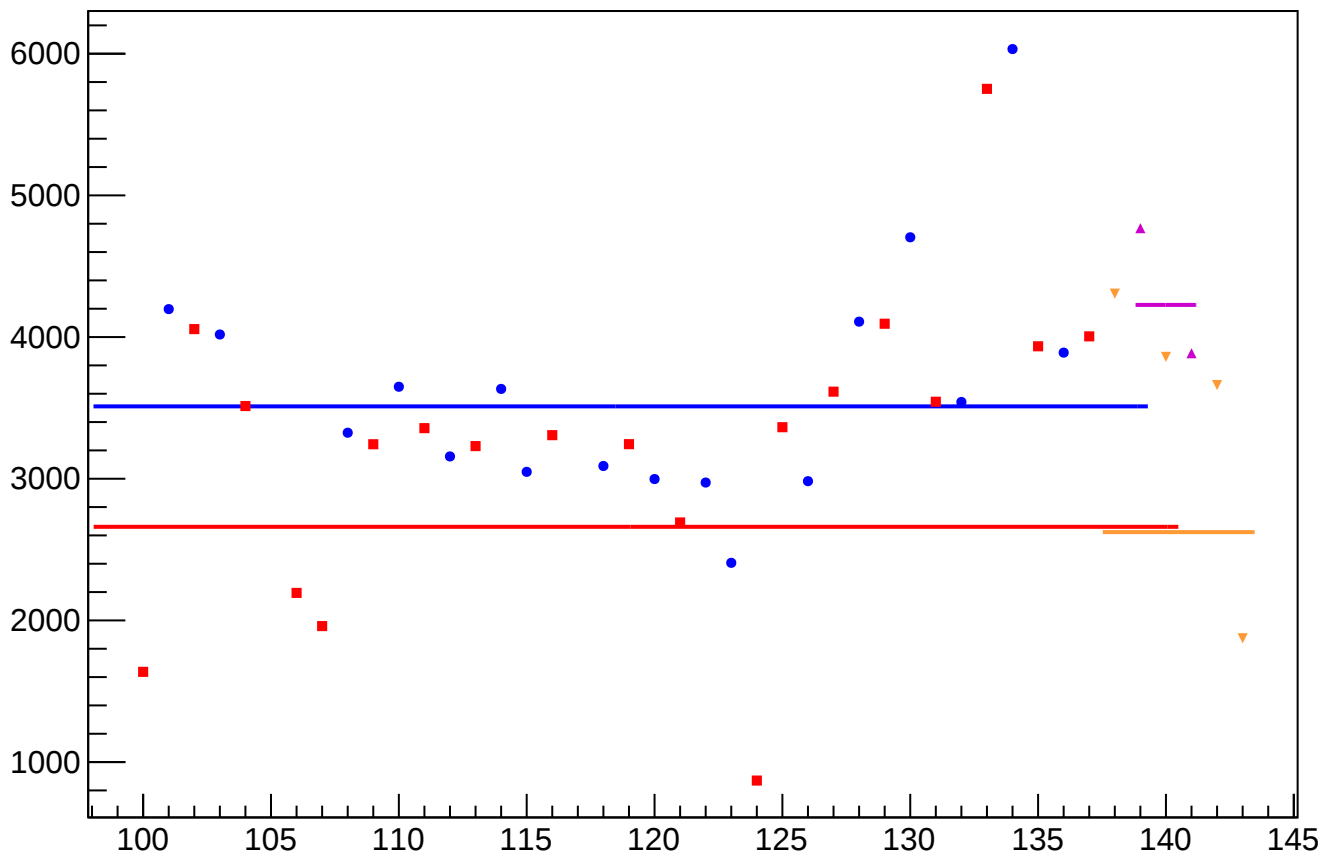
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: -333.668+/-917.913 χ^2/NDF : 20.7/22

All: 247.909+/-744.212 χ^2/NDF : 36.3/41

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 2623.230 $\pm$ 1.208 χ^2 /NDF: 695964.5/3

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

Left In: 4226.972 $\pm$ 2.352 χ^2 /NDF: 33396.6/1

Left: 2958.207 $\pm$ 1.075 χ^2 /NDF: 1097312.4/5

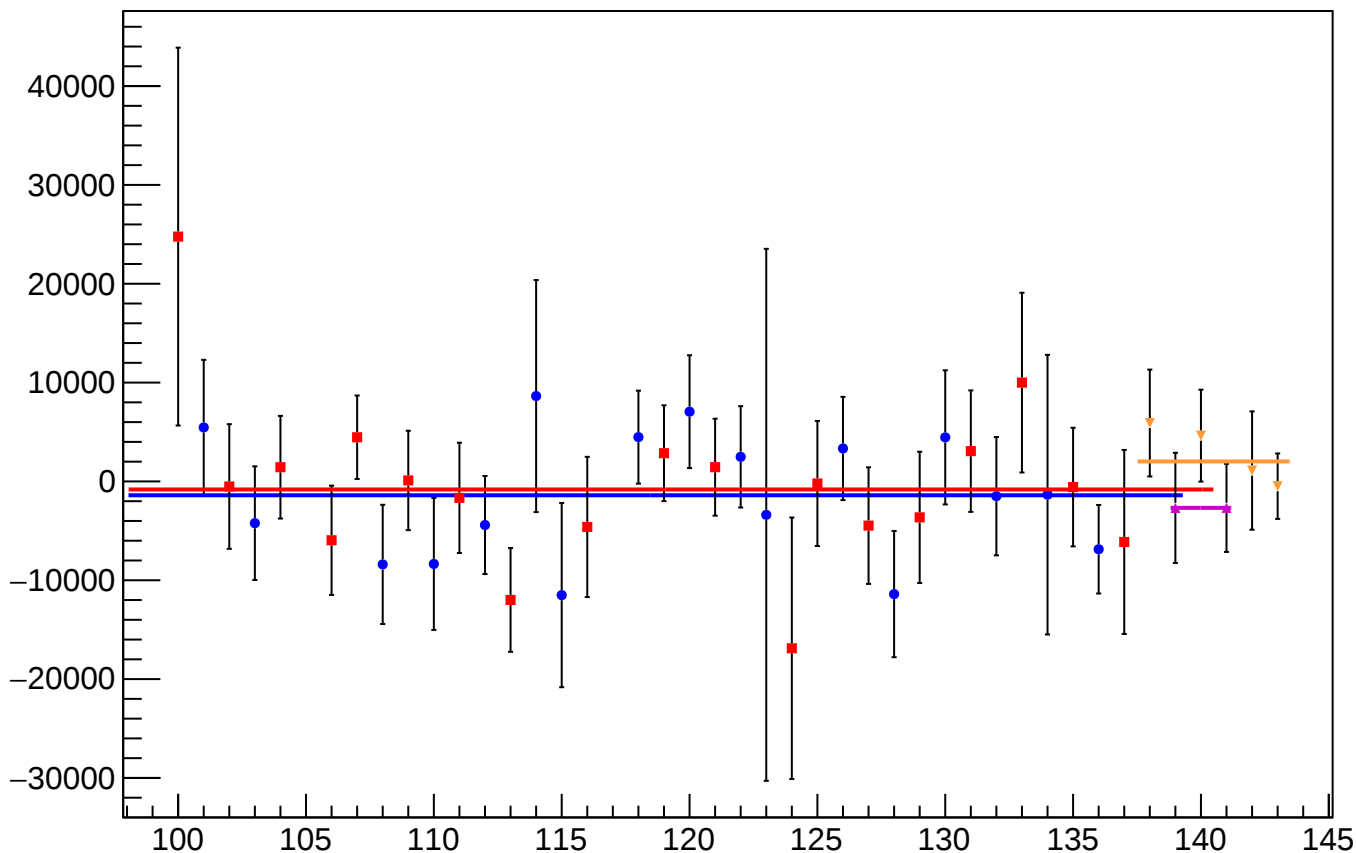
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3615.462 $\pm$ 0.899 χ^2 /NDF: 456645.8/18

Out: 2649.843 $\pm$ 0.649 χ^2 /NDF: 2879304.3/22

All: 2980.722 $\pm$ 0.526 χ^2 /NDF: 4094356.1/41

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442+/-1504.149 χ^2/NDF : 15.8/16

Left Out: 2020.378+/-2238.072 χ^2/NDF : 1.4/3

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

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

Left: 647.661+/-1882.662 χ^2/NDF : 2.7/5

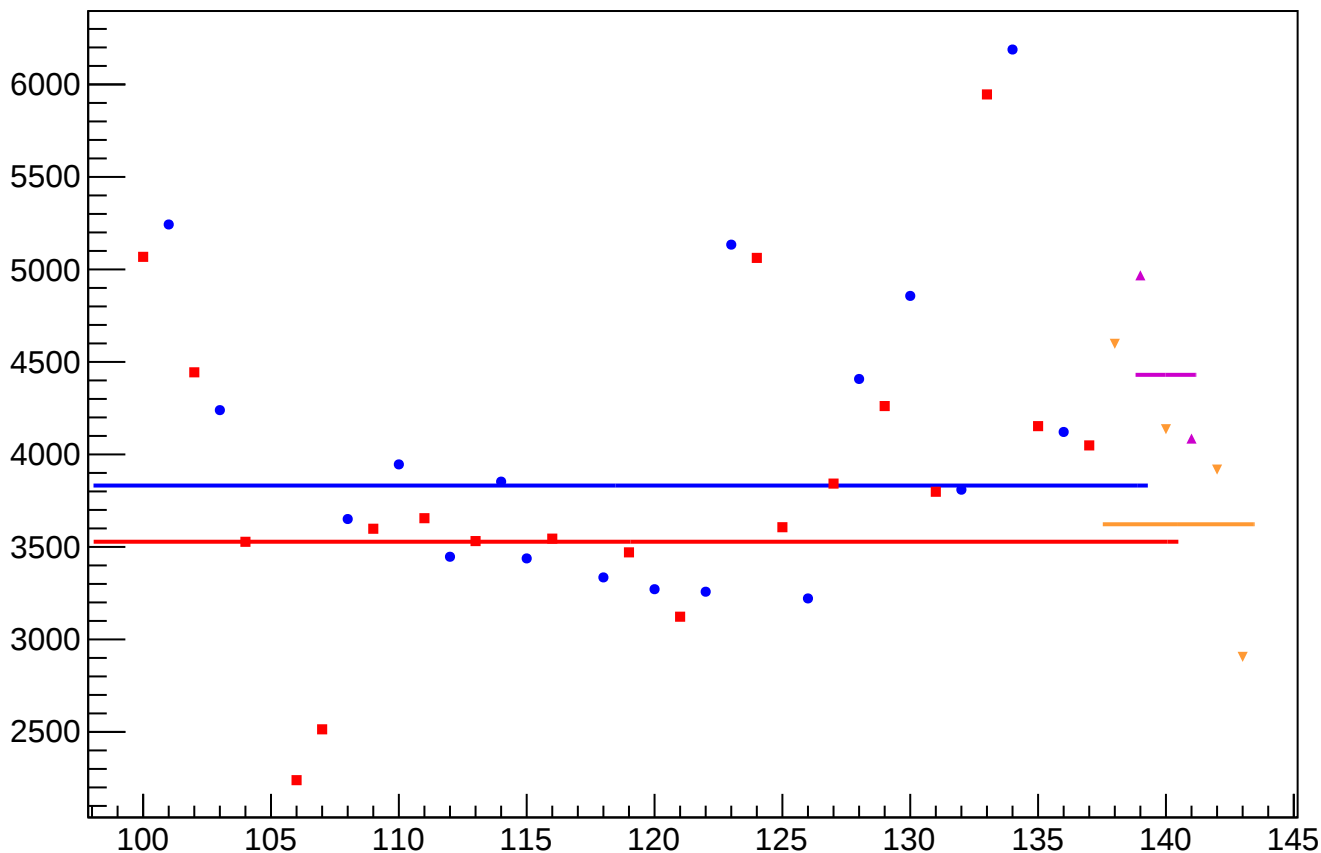
Right: -1082.331+/-1016.512 χ^2/NDF : 30.1/35

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

Out: -34.009+/-1174.098 χ^2/NDF : 16.8/22

All: -691.831+/-894.459 χ^2/NDF : 33.5/41

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: 3622.530+/-1.583 χ^2/NDF :188185.2/3

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: 3858.694+/-1.331 χ^2/NDF : 294921.9/5

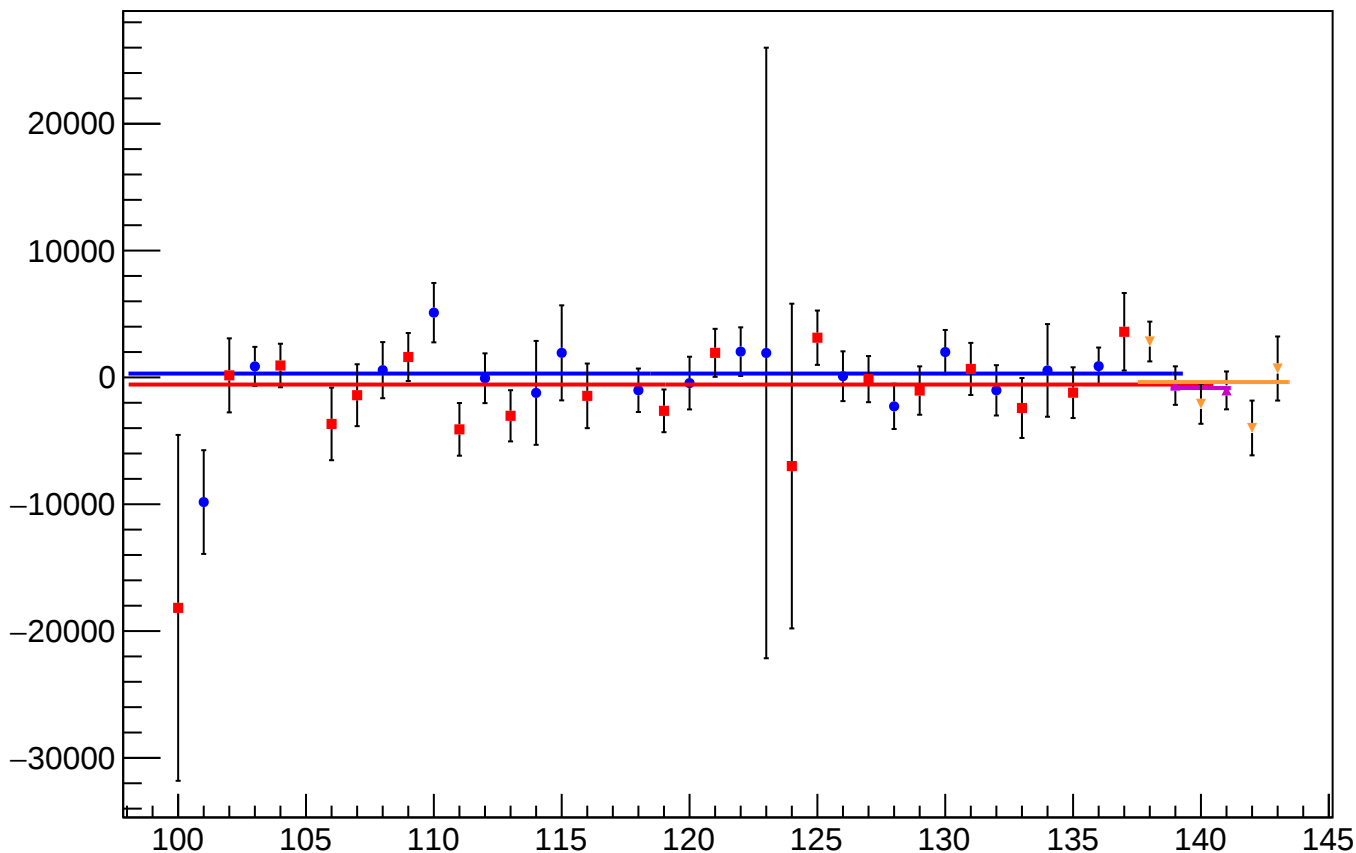
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

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

Out: 3553.745+/-0.825 χ^2/NDF :747971.2/22

All: 3708.726+/-0.630 χ^2/NDF : 1250847.2/41

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -365.309 $\pm$ 920.660 χ^2 /NDF:8.3/3

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

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

Left: -567.402 $\pm$ 696.438 χ^2 /NDF: 8.5/5

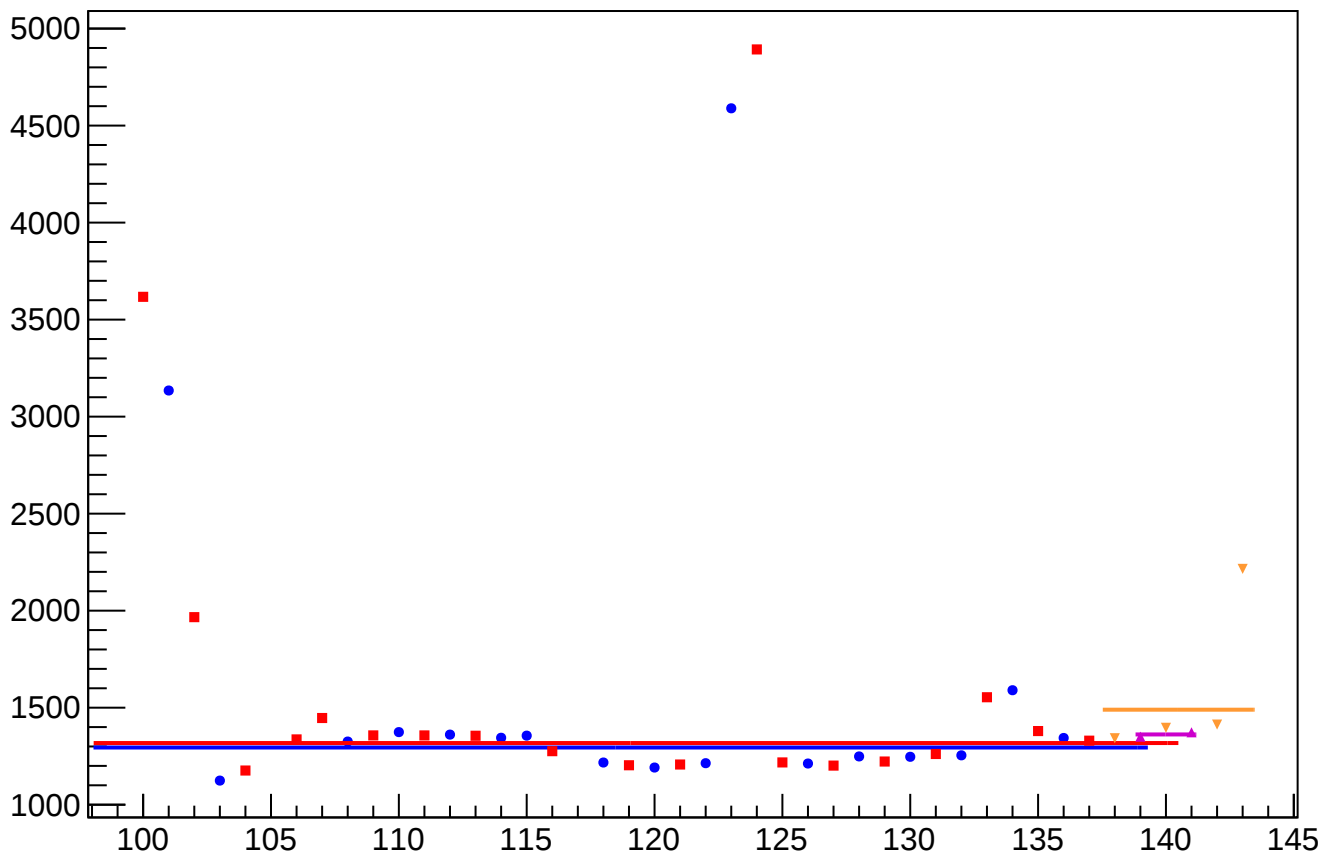
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

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

Out: -516.225 $\pm$ 445.005 χ^2 /NDF:27.5/22

All: -225.754 $\pm$ 320.519 χ^2 /NDF: 45.4/41

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1489.624+/-0.651 χ^2/NDF : 192187.8/3

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

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

Left: 1435.063+/-0.492 χ^2/NDF : 208831.8/5

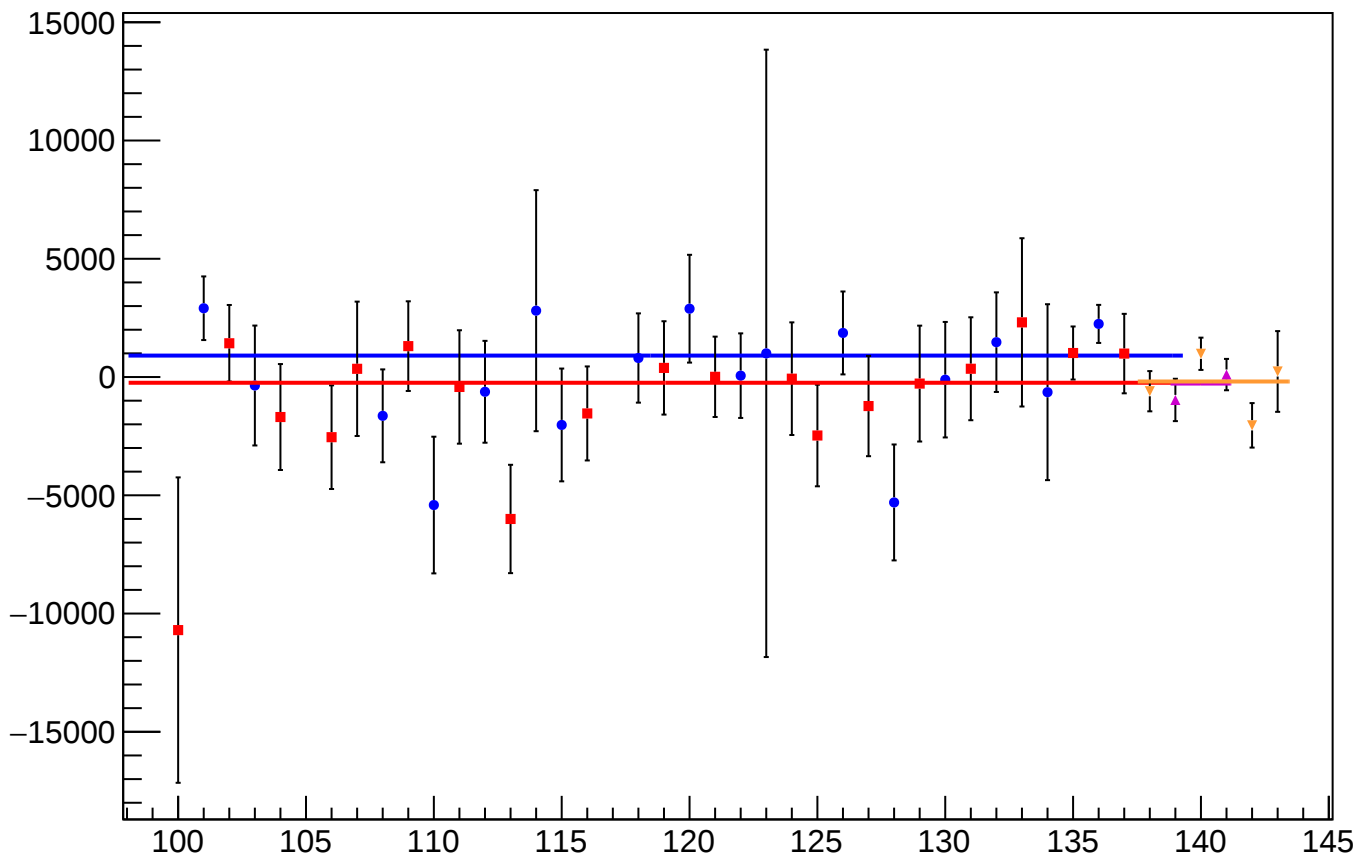
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

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

Out: 1357.935+/-0.315 χ^2/NDF : 636389.5/22

All: 1333.621+/-0.227 χ^2/NDF : 1163318.3/41

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: -188.896+/-447.024 χ^2/NDF : 7.1/3

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: -224.834+/-342.444 χ^2/NDF : 8.1/5

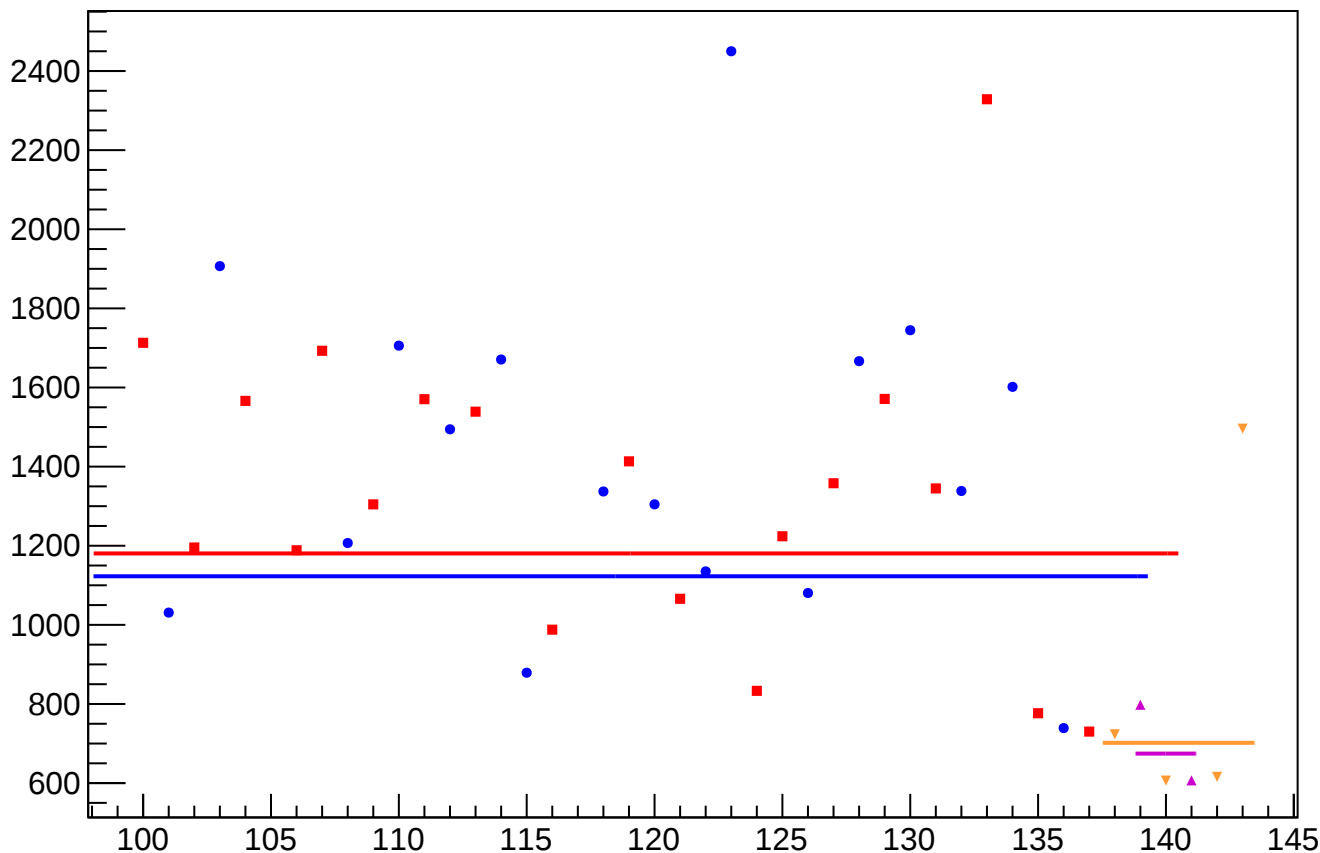
Right: 341.565+/-324.946 χ^2/NDF : 41.6/35

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

Out: -214.644+/-321.707 χ^2/NDF : 23.6/22

All: 73.205+/-235.715 χ^2/NDF : 51.1/41

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: 701.831+/-0.316 χ^2/NDF : 490193.7/3

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: 690.564+/-0.242 χ^2/NDF : 552153.8/5

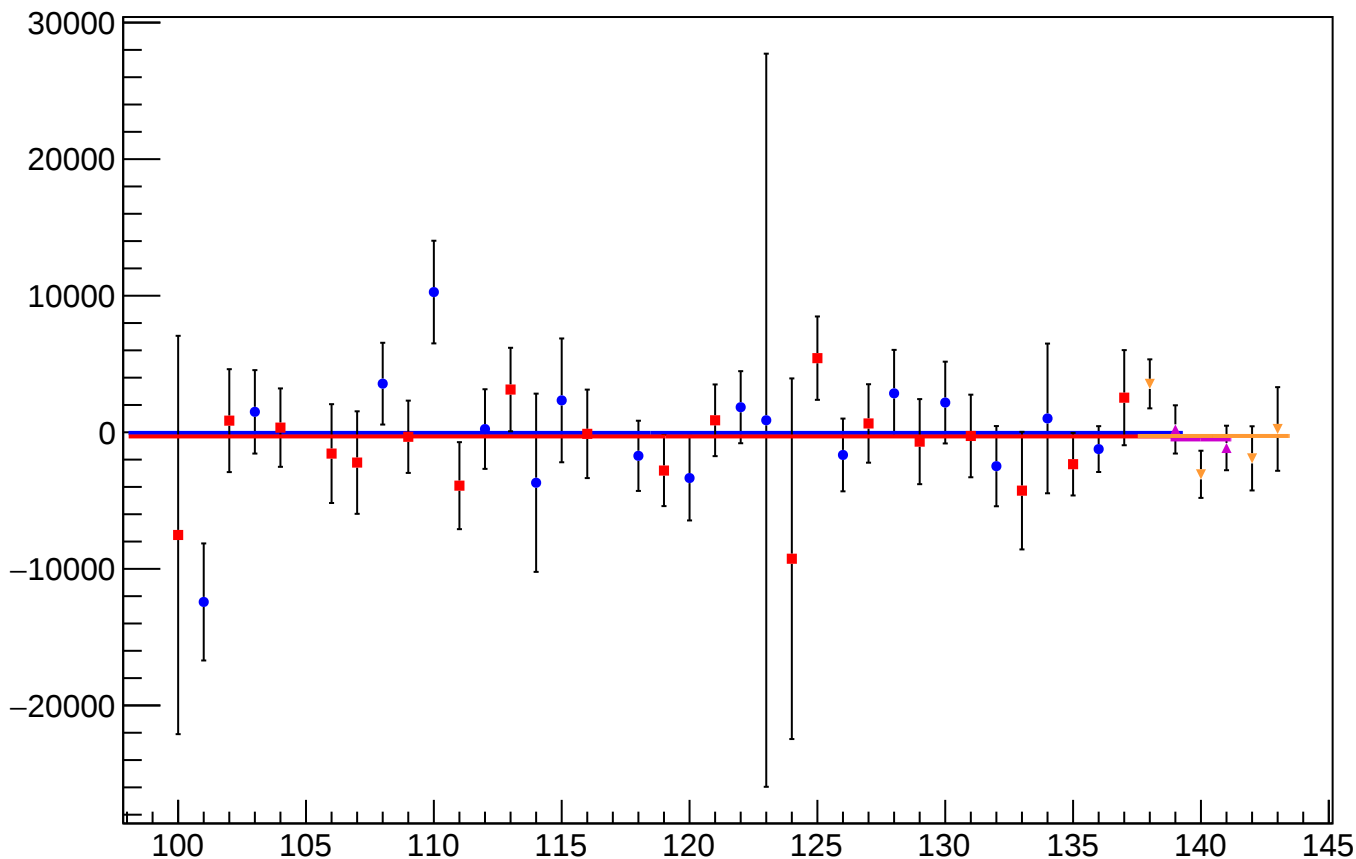
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

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

Out: 932.616+/-0.227 χ^2/NDF : 2631330.9/22

All: 932.946+/-0.167 χ^2/NDF : 4695493.7/41

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: -269.093 ± 1034.910 χ^2/NDF : 7.7/3

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: -377.689 ± 783.111 χ^2/NDF : 8.0/5

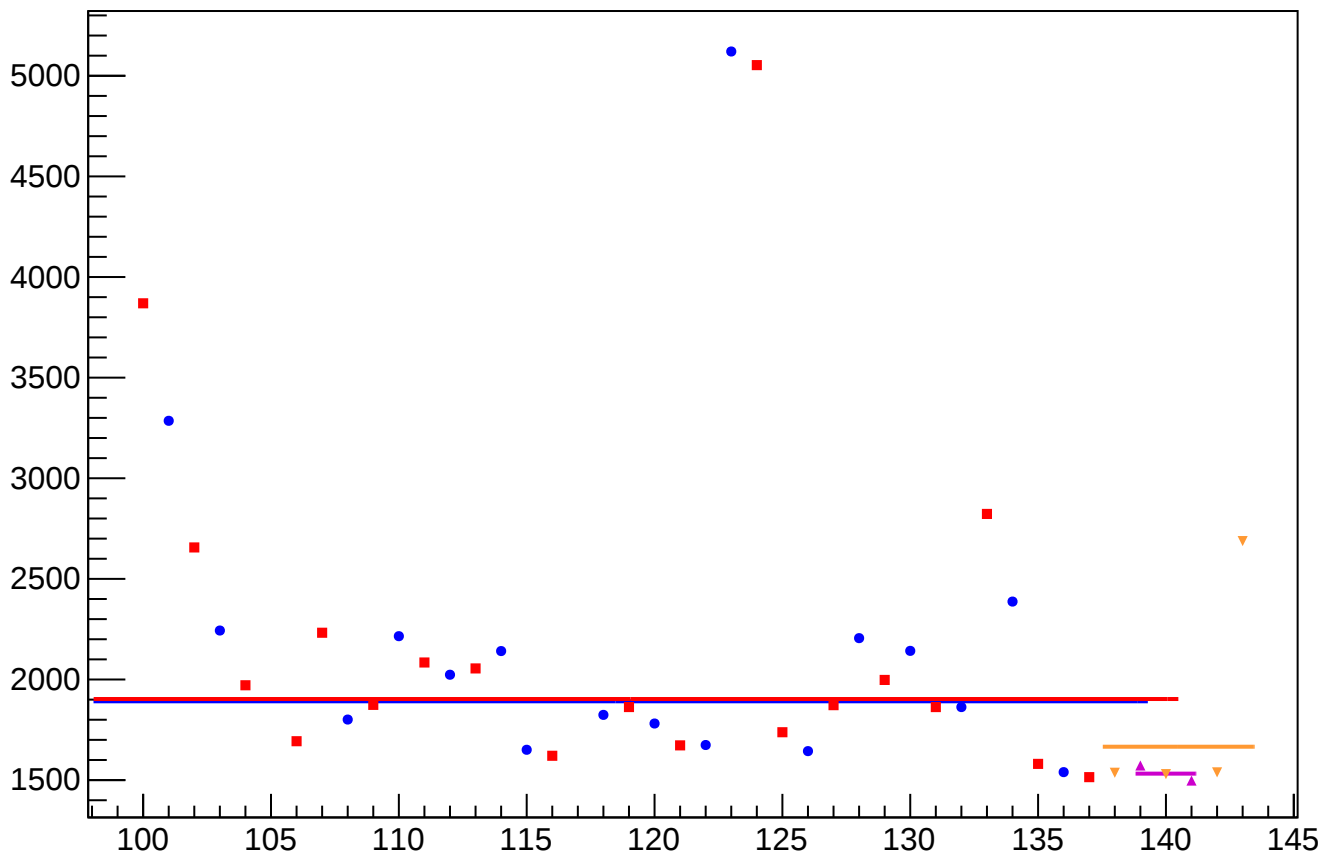
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

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

Out: -292.122 ± 598.954 χ^2/NDF : 18.5/22

All: -238.598 ± 435.454 χ^2/NDF : 42.2/41

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: 1665.956+/-0.732 χ^2/NDF : 251394.4/3

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: 1608.777+/-0.554 χ^2/NDF : 267619.1/5

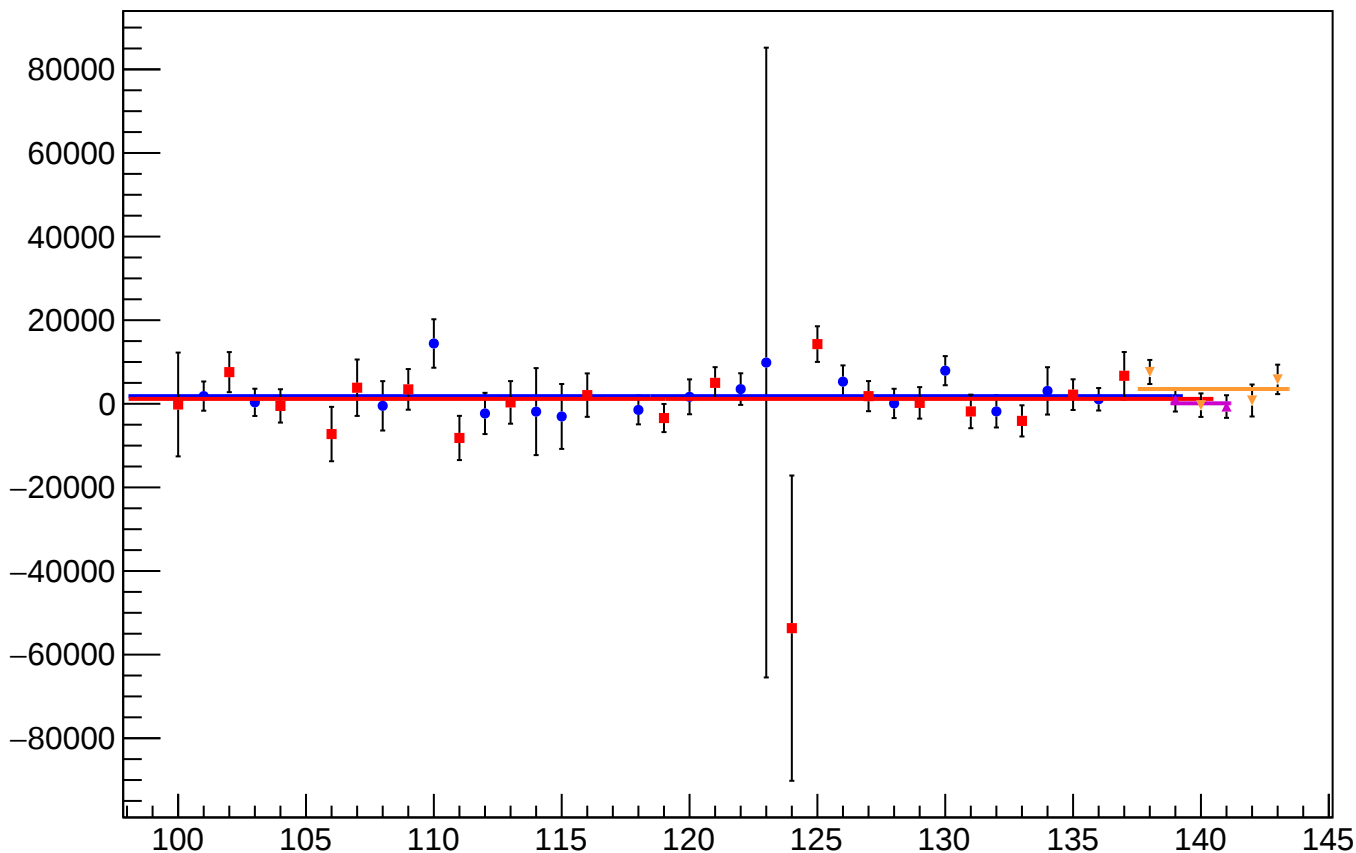
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

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

Out: 1823.610+/-0.424 χ^2/NDF : 781329.3/22

All: 1808.187+/-0.308 χ^2/NDF : 1384812.9/41

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 3538.787+/-1589.537 χ^2/NDF : 4.8/3

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: 2161.857+/-1229.151 χ^2/NDF : 6.9/5

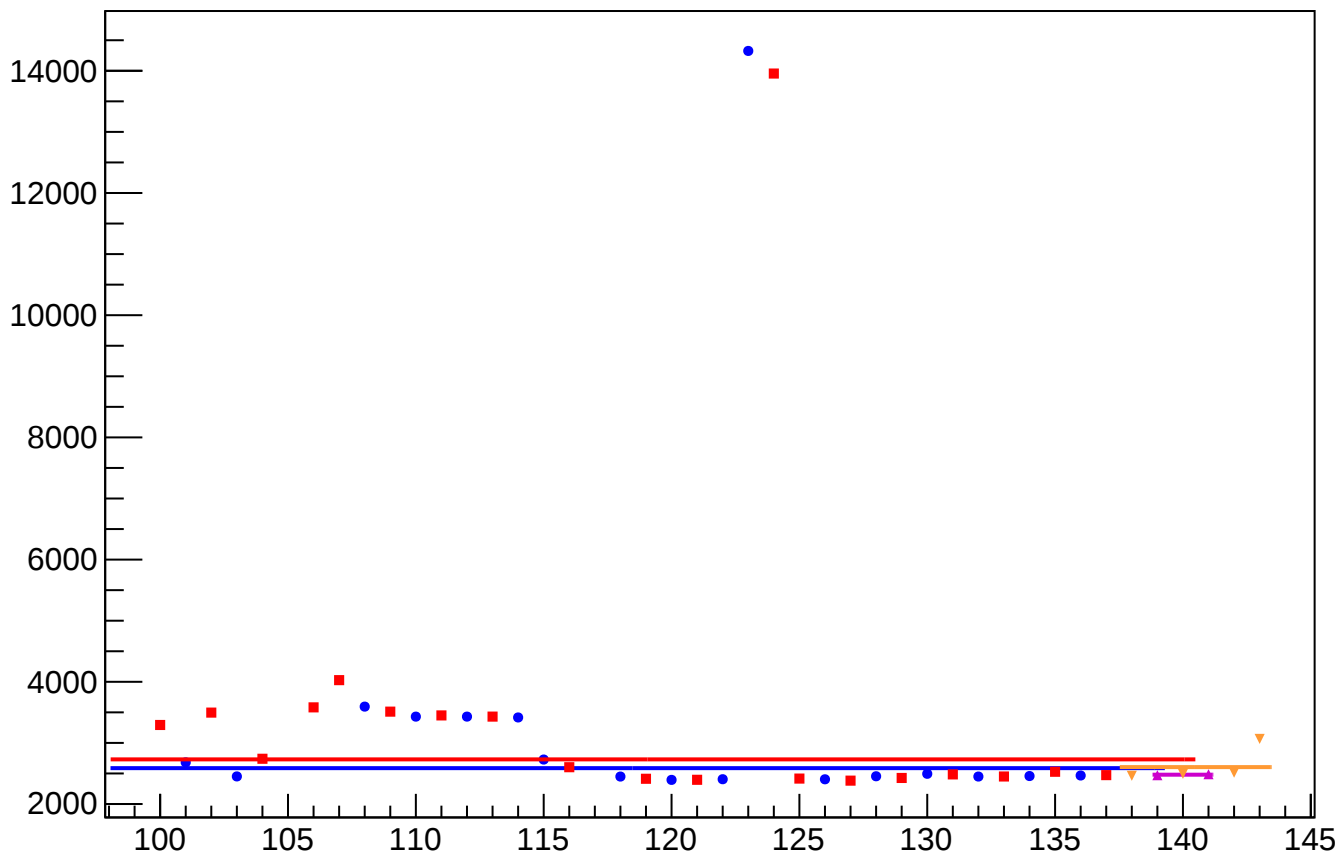
Right: 1510.553+/-726.697 χ^2/NDF : 38.2/35

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

Out: 1888.237+/-873.893 χ^2/NDF : 31.8/22

All: 1679.245+/-625.548 χ^2/NDF : 45.3/41

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2603.994 ± 1.124 χ^2/NDF : 43409.6/3

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: 2554.055 ± 0.869 χ^2/NDF : 48354.7/5

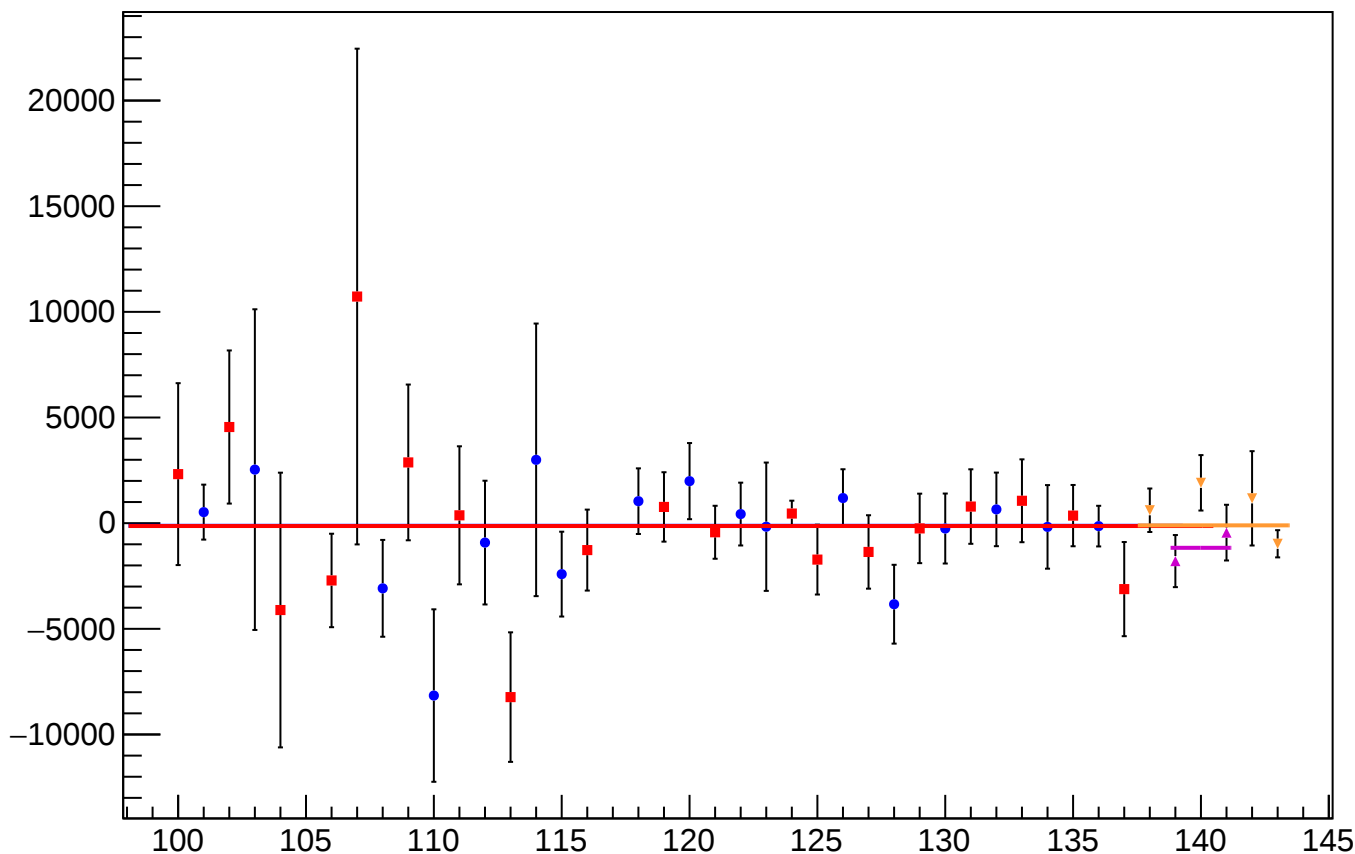
Right: 2656.218 ± 0.514 χ^2/NDF : 858580.5/35

In: 2564.085 ± 0.633 χ^2/NDF : 258957.5/18

Out: 2692.252 ± 0.618 χ^2/NDF : 637239.5/22

All: 2629.757 ± 0.442 χ^2/NDF : 917173.4/41

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: -103.518+/-491.566 χ^2/NDF : 5.0/3

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: -347.521+/-431.456 χ^2/NDF : 6.6/5

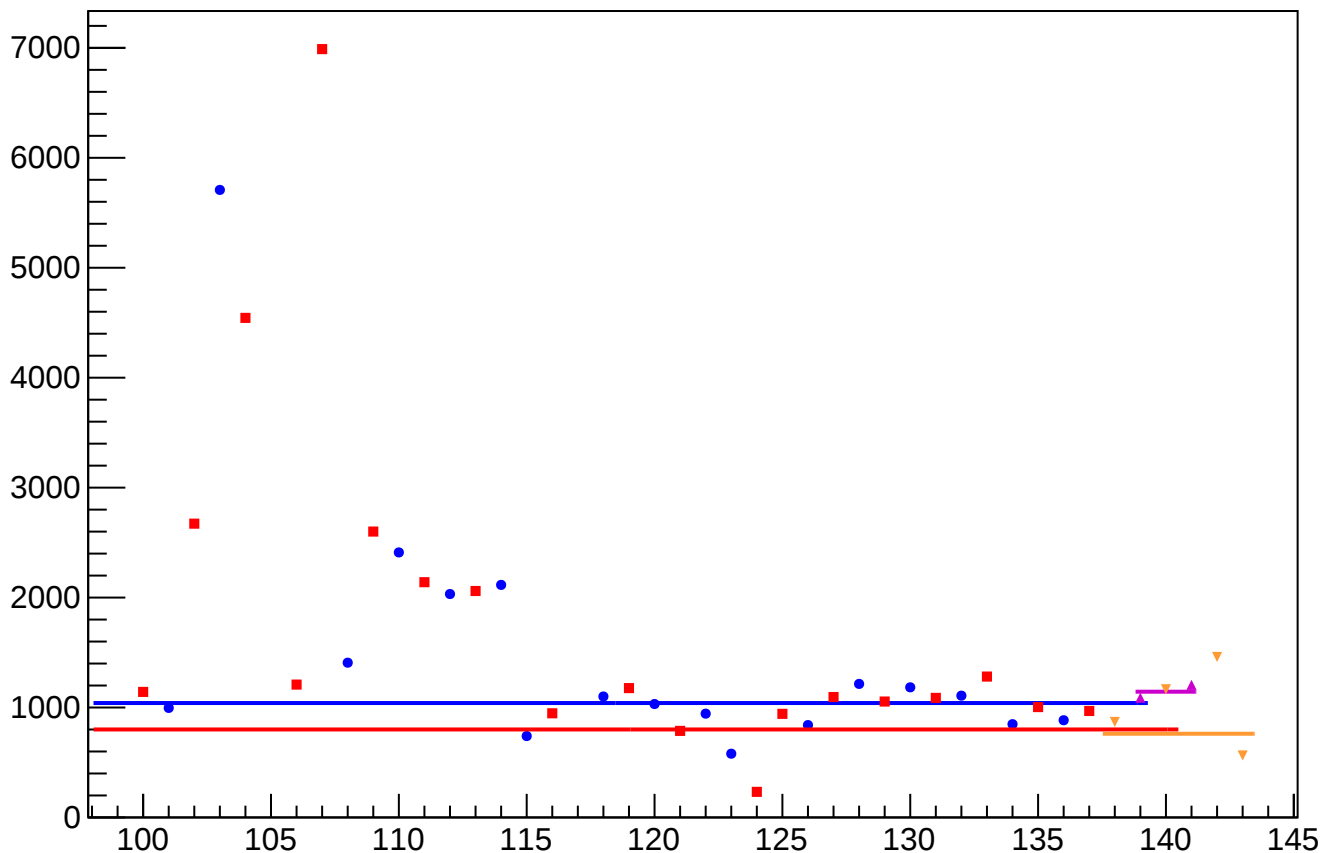
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

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

Out: -123.459+/-300.365 χ^2/NDF : 22.9/22

All: -196.403+/-237.645 χ^2/NDF : 39.4/41

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 761.458+/-0.348 χ^2/NDF : 596321.7/3

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: 849.254+/-0.305 χ^2/NDF : 882598.2/5

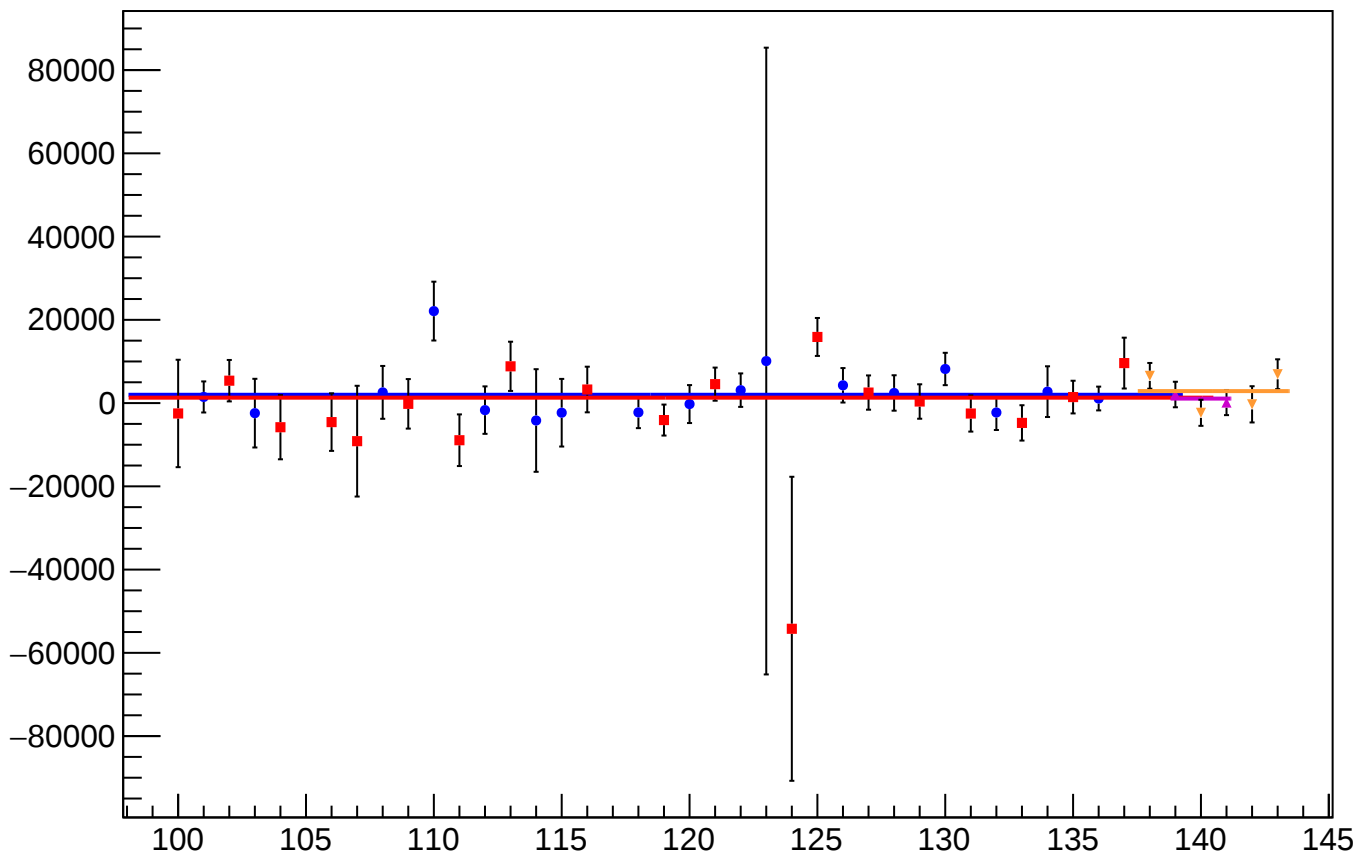
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

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

Out: 785.865+/-0.212 χ^2/NDF : 5791216.7/22

All: 888.380+/-0.168 χ^2/NDF : 8016889.2/41

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 2879.651+/-1722.686 χ^2/NDF : 6.0/3

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: 2176.195+/-1344.674 χ^2/NDF : 6.6/5

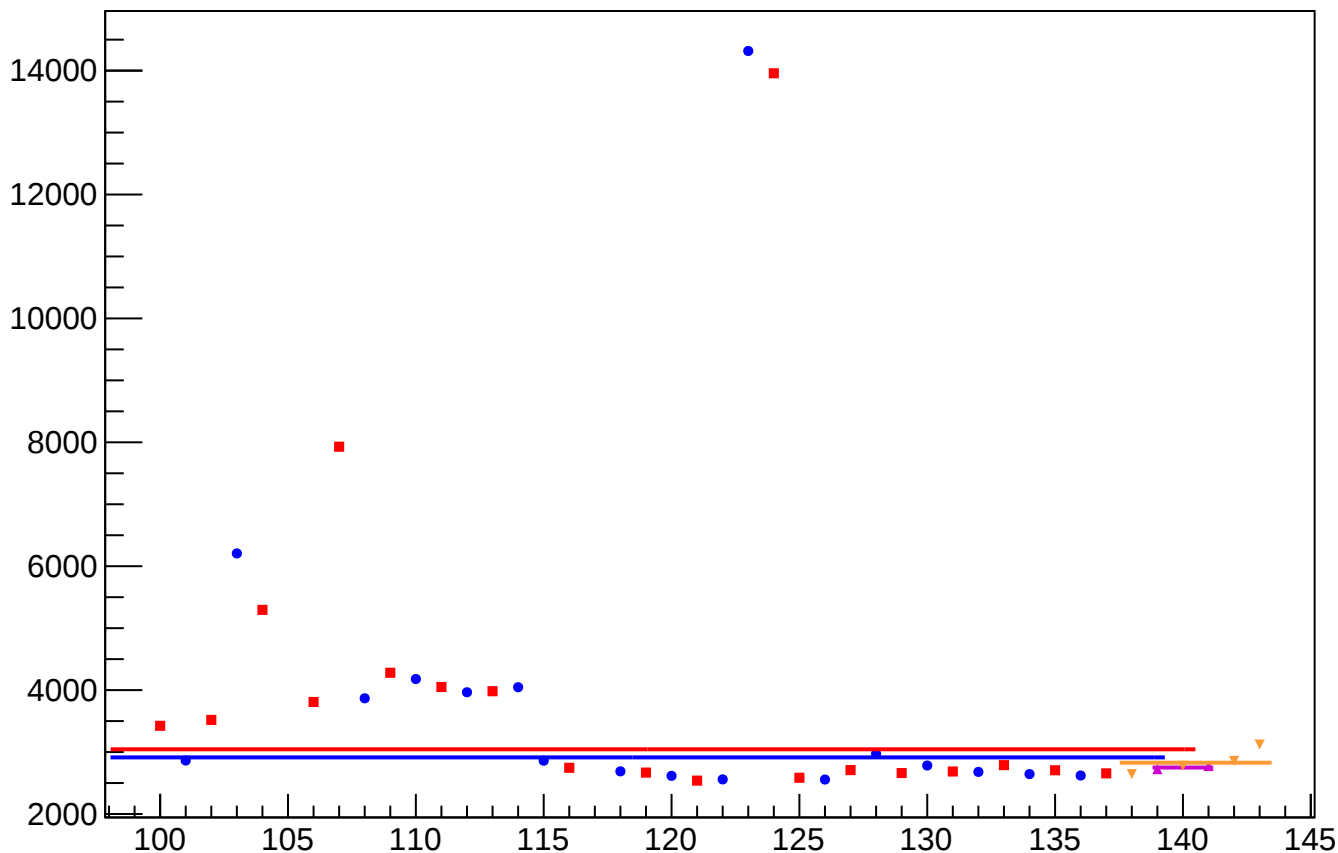
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

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

Out: 1812.294+/-978.358 χ^2/NDF : 34.1/22

All: 1802.089+/-705.283 χ^2/NDF : 49.4/41

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2827.953+/-1.218 χ^2/NDF :21075.5/3

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: 2797.542+/-0.951 χ^2/NDF : 22934.2/5

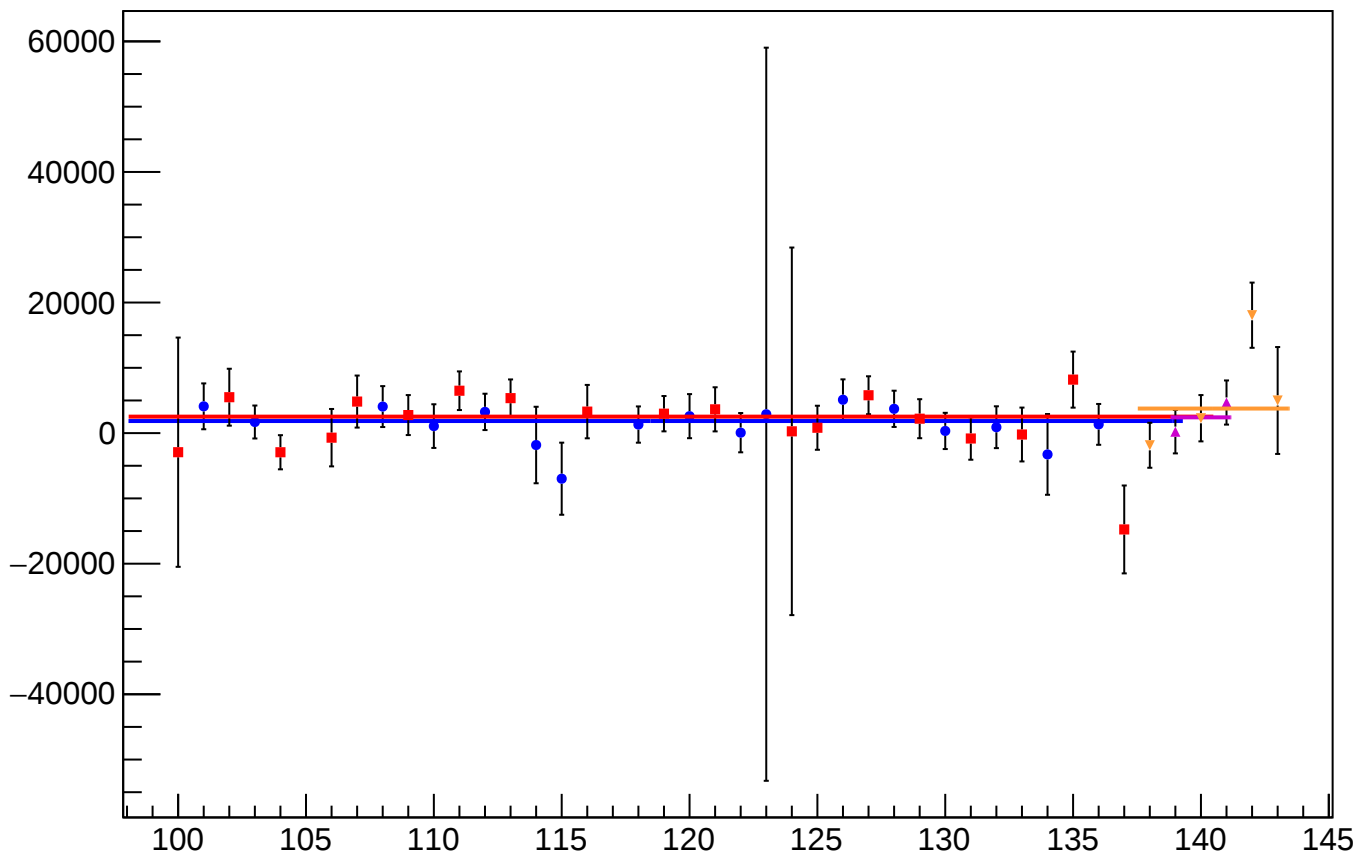
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

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

Out: 2974.637+/-0.692 χ^2/NDF :1047806.1/22

All: 2927.850+/-0.499 χ^2/NDF : 1705572.6/41

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 3761.351+/-2137.818 χ^2/NDF :11.1/3

Right Out: 2523.303+/-818.432 χ^2/NDF : 20.1/18

Left In: 2413.780+/-2370.779 χ^2/NDF :0.9/1

Left: 3157.010+/-1587.656 χ^2/NDF : 12.1/5

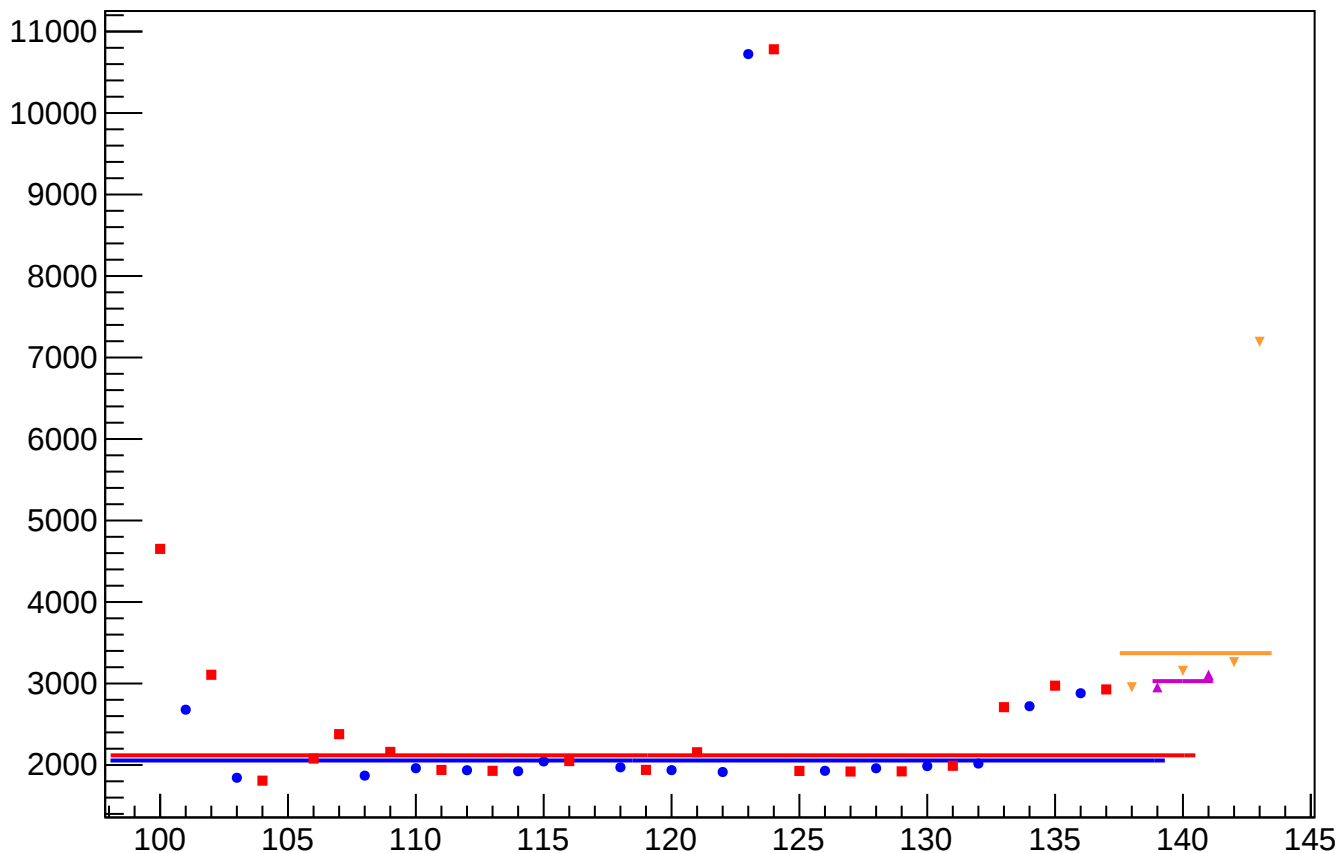
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 1908.593+/-763.750 χ^2/NDF :8.2/18

Out: 2681.560+/-764.335 χ^2/NDF :31.5/22

All: 2294.781+/-540.259 χ^2/NDF : 40.2/41

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 3372.674+/-1.512 χ^2/NDF : 473508.0/3

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: 3218.671+/-1.123 χ^2/NDF : 498758.7/5

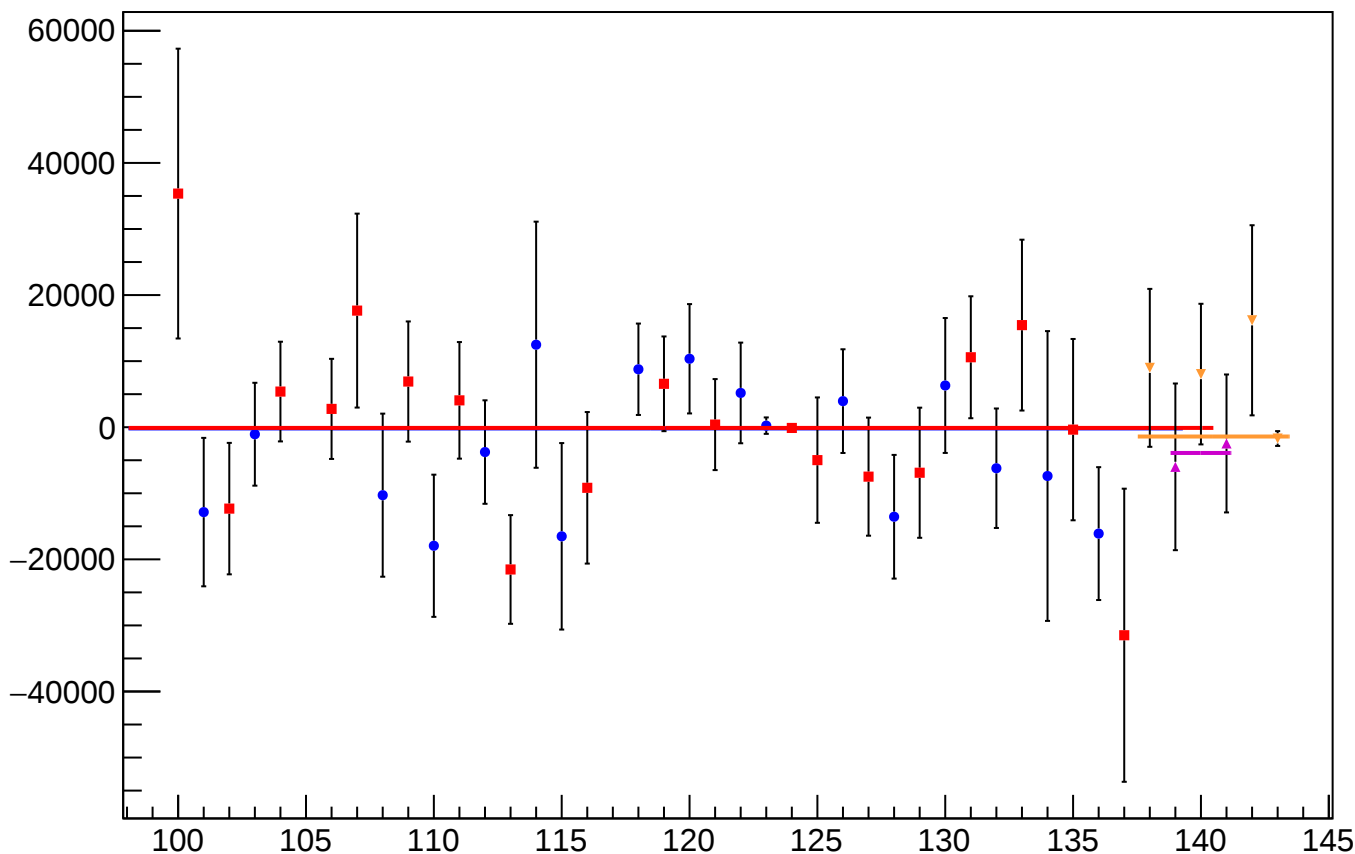
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

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

Out: 2278.664+/-0.540 χ^2/NDF : 1647525.4/22

All: 2217.621+/-0.382 χ^2/NDF : 2294043.1/41

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1409.314+/-1107.949 χ^2/NDF : 3.1/3

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: -1455.659+/-1097.582 χ^2/NDF : 3.3/5

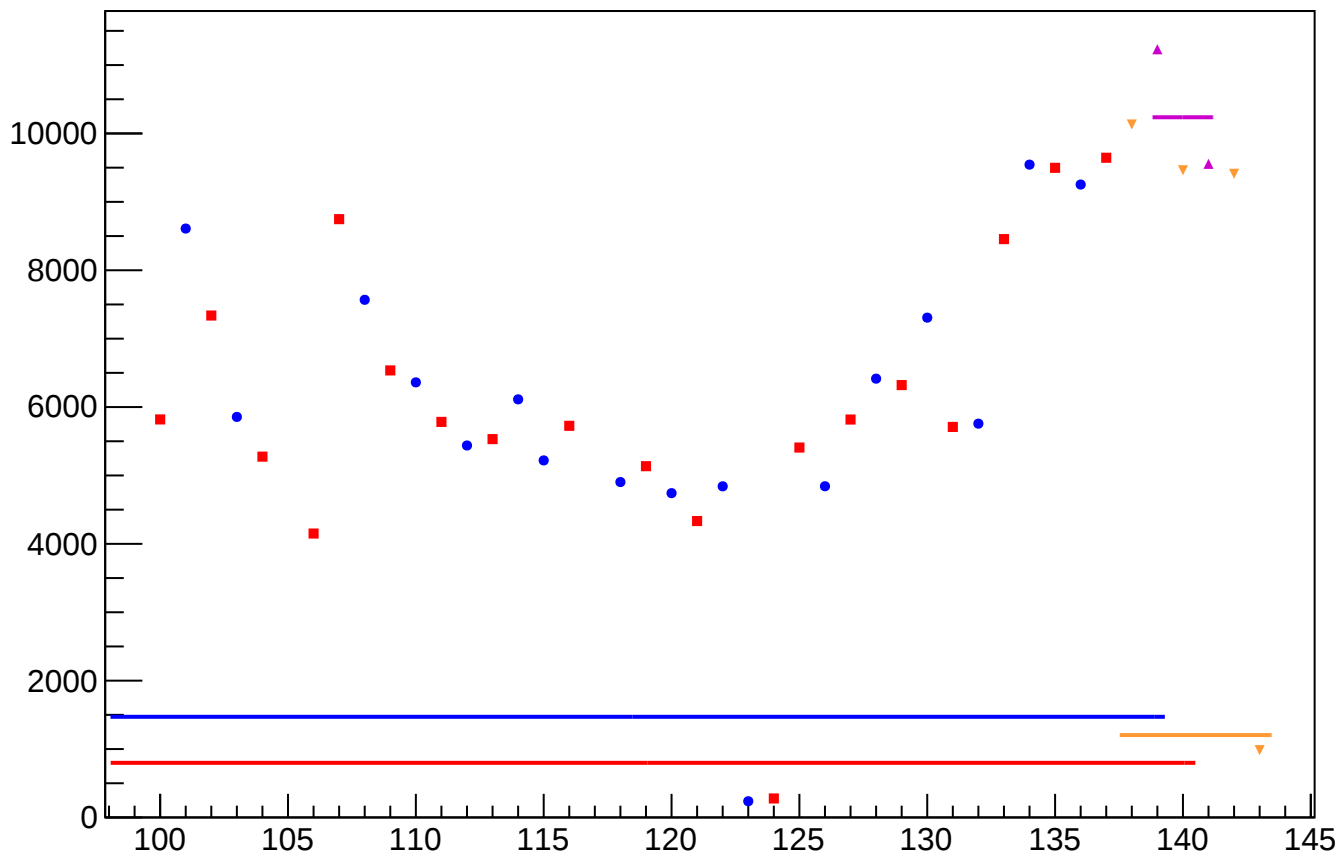
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

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

Out: -471.235+/-586.094 χ^2/NDF : 25.7/22

All: -422.447+/-516.267 χ^2/NDF : 42.3/41

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1204.468 $\pm$ 0.783 χ^2 /NDF: 3047789.2/3

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

Left In: 10236.904 $\pm$ 5.687 χ^2 /NDF: 20933.3/1

Left: 1372.697 $\pm$ 0.776 χ^2 /NDF: 5544415.0/5

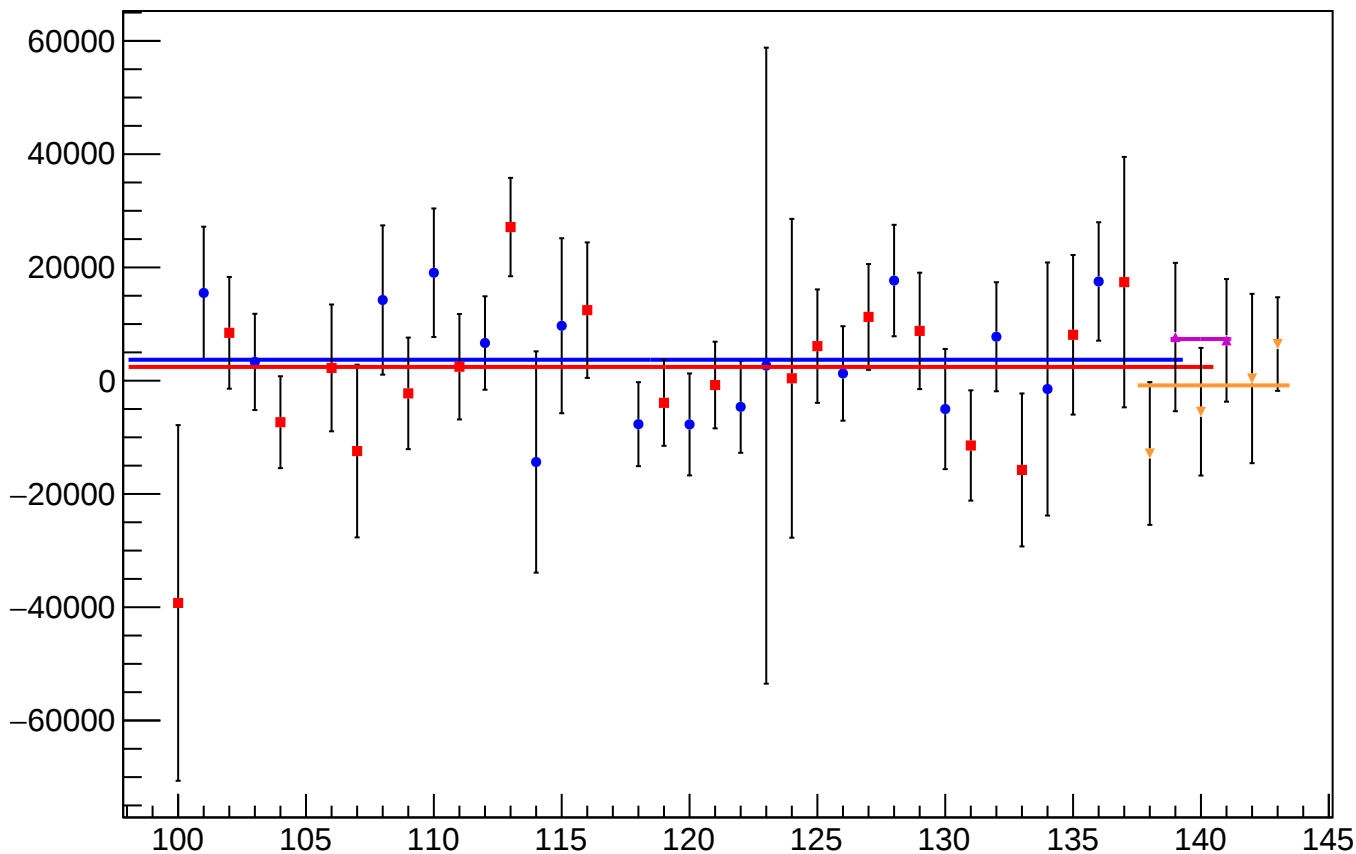
Right: 988.724 $\pm$ 0.414 χ^2 /NDF: 21852108.4/35

In: 1632.795 $\pm$ 0.771 χ^2 /NDF: 12141166.2/18

Out: 912.205 $\pm$ 0.414 χ^2 /NDF: 14768514.0/22

All: 1073.677 $\pm$ 0.365 χ^2 /NDF: 27587138.1/4

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: -826.542+/-5481.113 χ^2/NDF : 1.9/3

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: 1641.208+/-4581.329 χ^2/NDF : 2.5/5

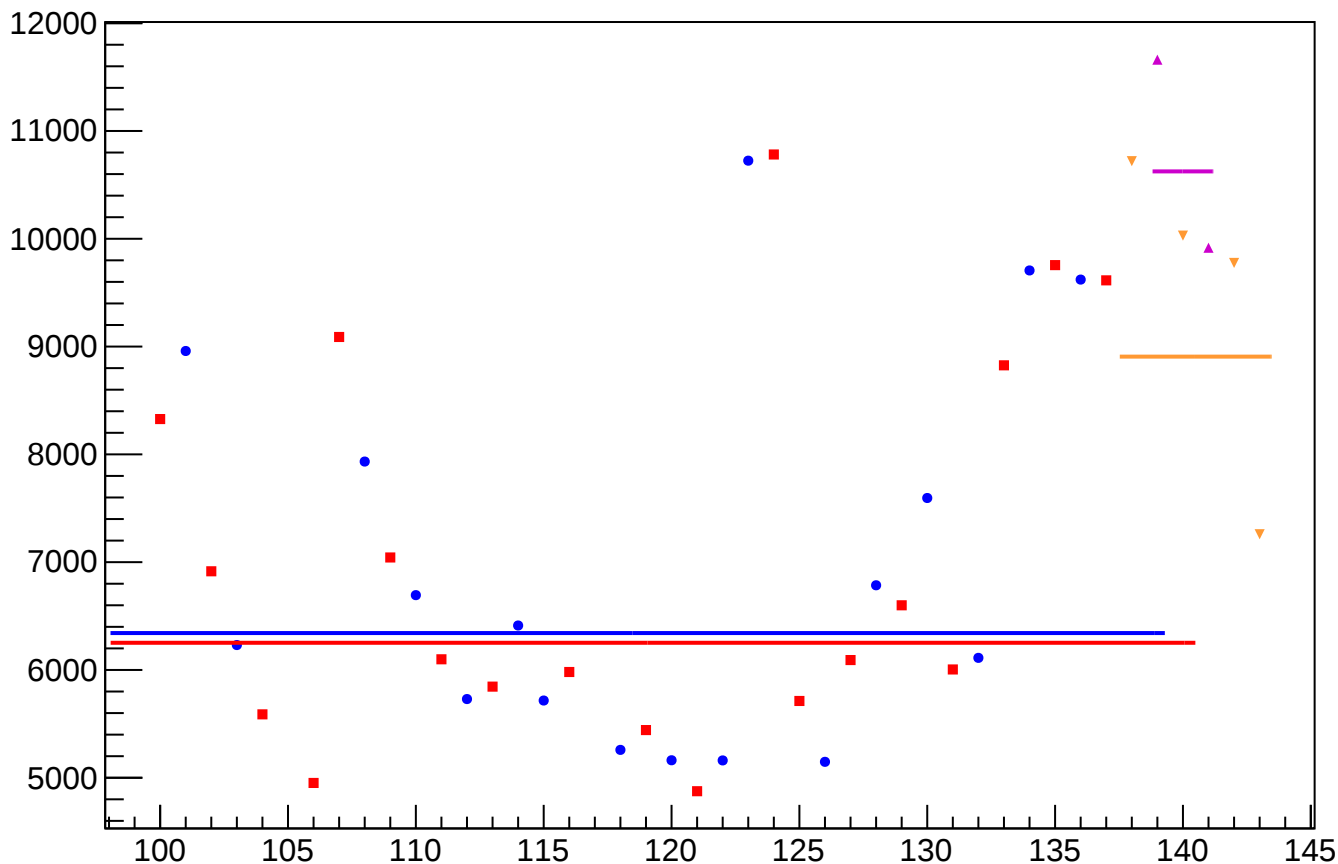
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

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

Out: 1898.413+/-2214.908 χ^2/NDF : 22.5/22

All: 2862.331+/-1630.982 χ^2/NDF : 37.4/41

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 8906.713+/-3.876 χ^2 /NDF:147519.9/3

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: 9424.559+/-3.239 χ^2 /NDF: 227833.9/5

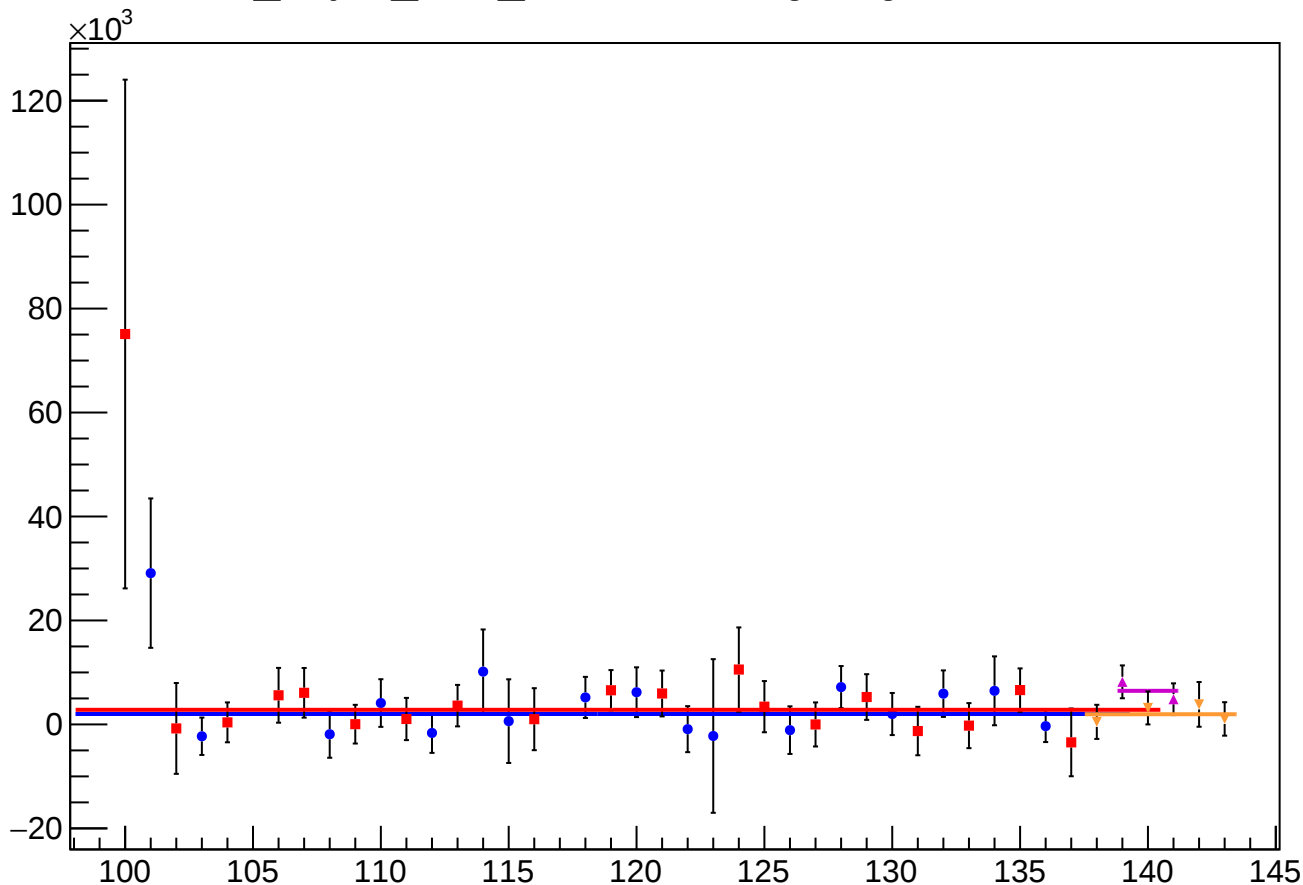
Right: 6295.468+/-1.234 χ^2 /NDF: 1133033.3/35

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

Out: 6685.584+/-1.566 χ^2 /NDF:1078070.8/22

All: 6692.033+/-1.153 χ^2 /NDF: 2175626.8/41

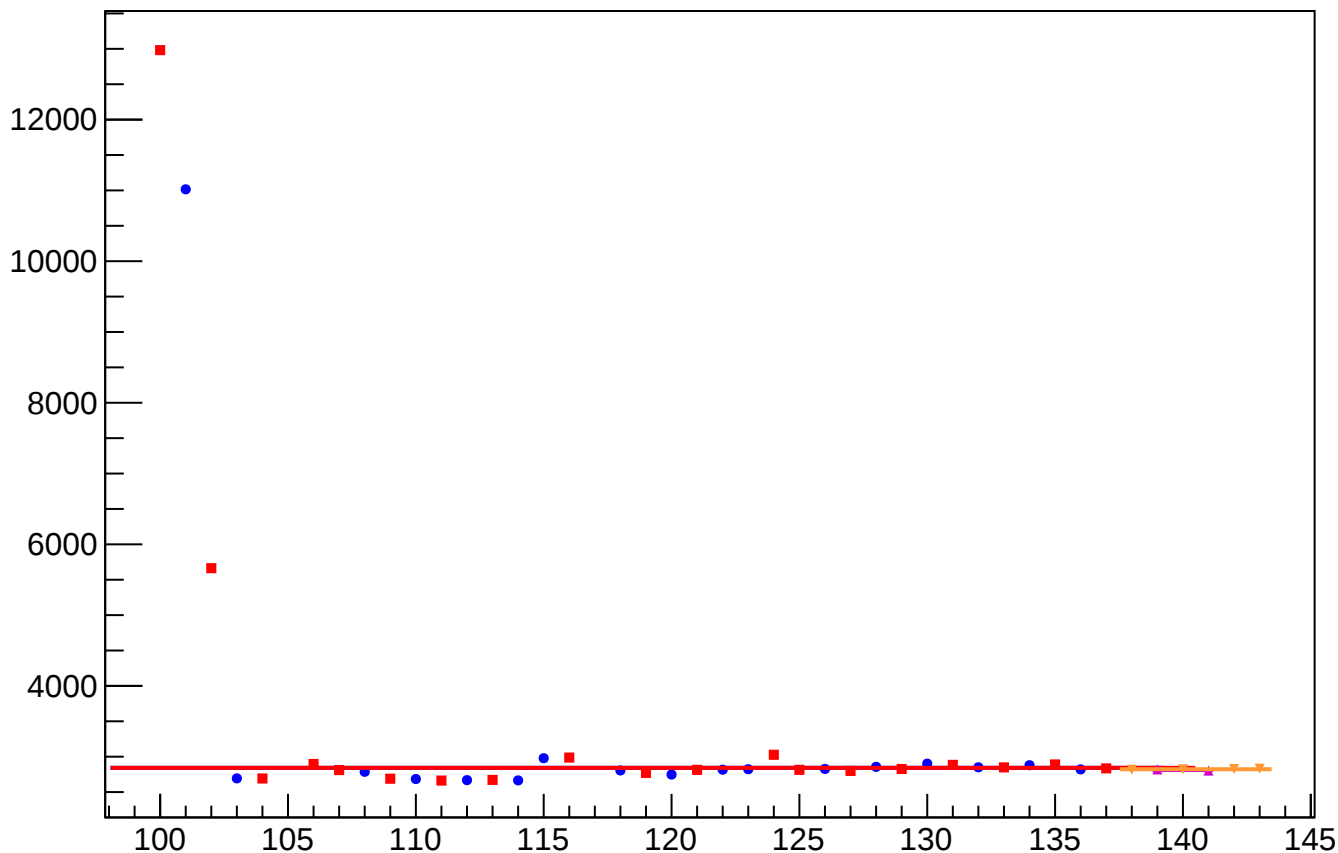
dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16
 Left Out: 1957.011+/-1708.494 χ^2/NDF : 0.6/3
 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: 3657.251+/-1348.134 χ^2/NDF : 3.8/5
 Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35
 In: 2932.861+/-1001.430 χ^2/NDF : 17.5/18
 Out: 2565.569+/-916.840 χ^2/NDF : 11.3/22
 All: 2733.050+/-676.235 χ^2/NDF : 28.9/41

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2822.890+/-1.208 χ^2/NDF : 20.7/3

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2812.087+/-1.552 χ^2/NDF : 29.0/1

Left: 2818.814+/-0.953 χ^2/NDF : 79.9/5

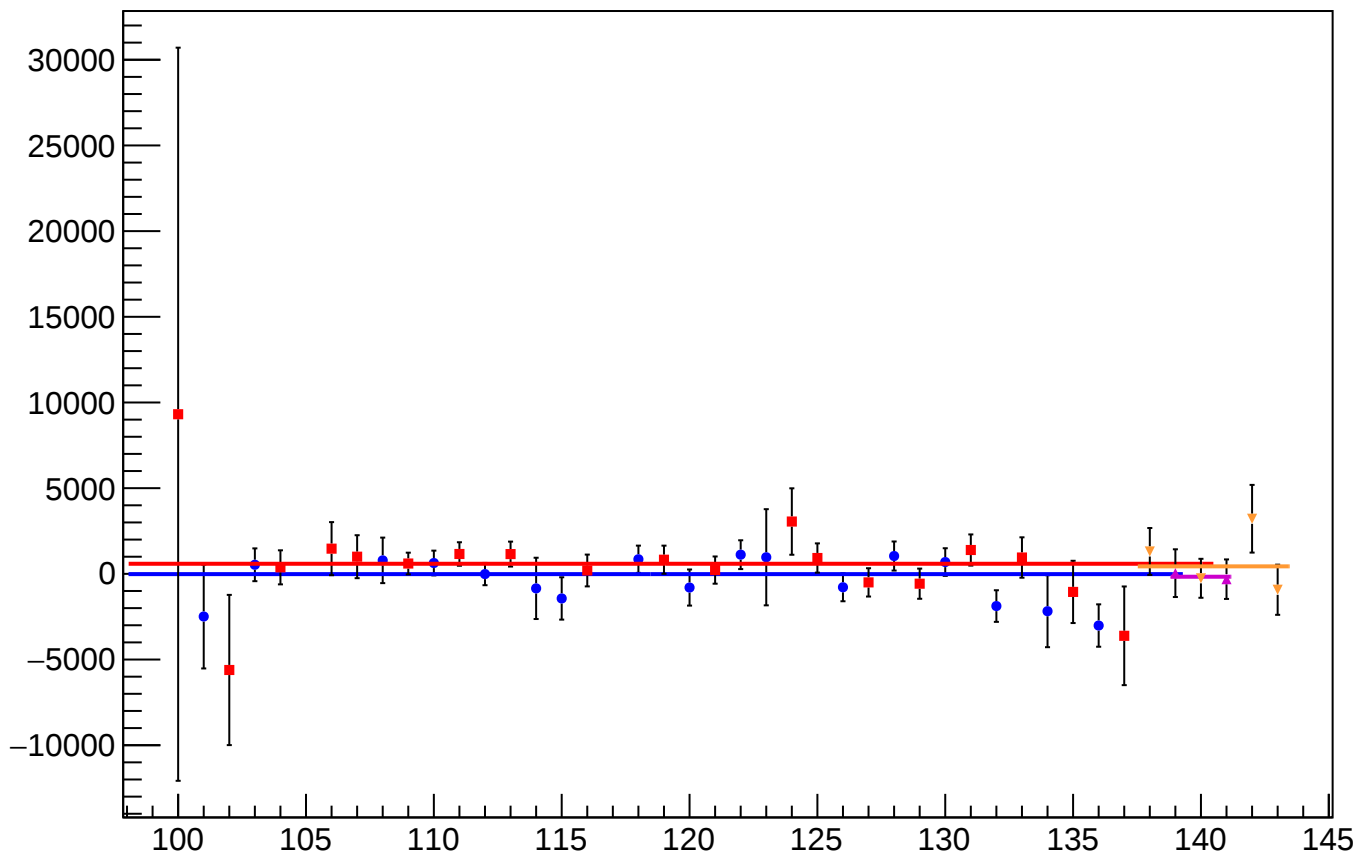
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2836.269+/-0.708 χ^2/NDF : 660640.8/18

Out: 2836.811+/-0.648 χ^2/NDF : 312542.8/22

All: 2836.564+/-0.478 χ^2/NDF : 973183.9/41

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: 437.646 ± 701.726 χ^2/NDF : 3.6/3

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: 204.934 ± 550.620 χ^2/NDF : 4.0/5

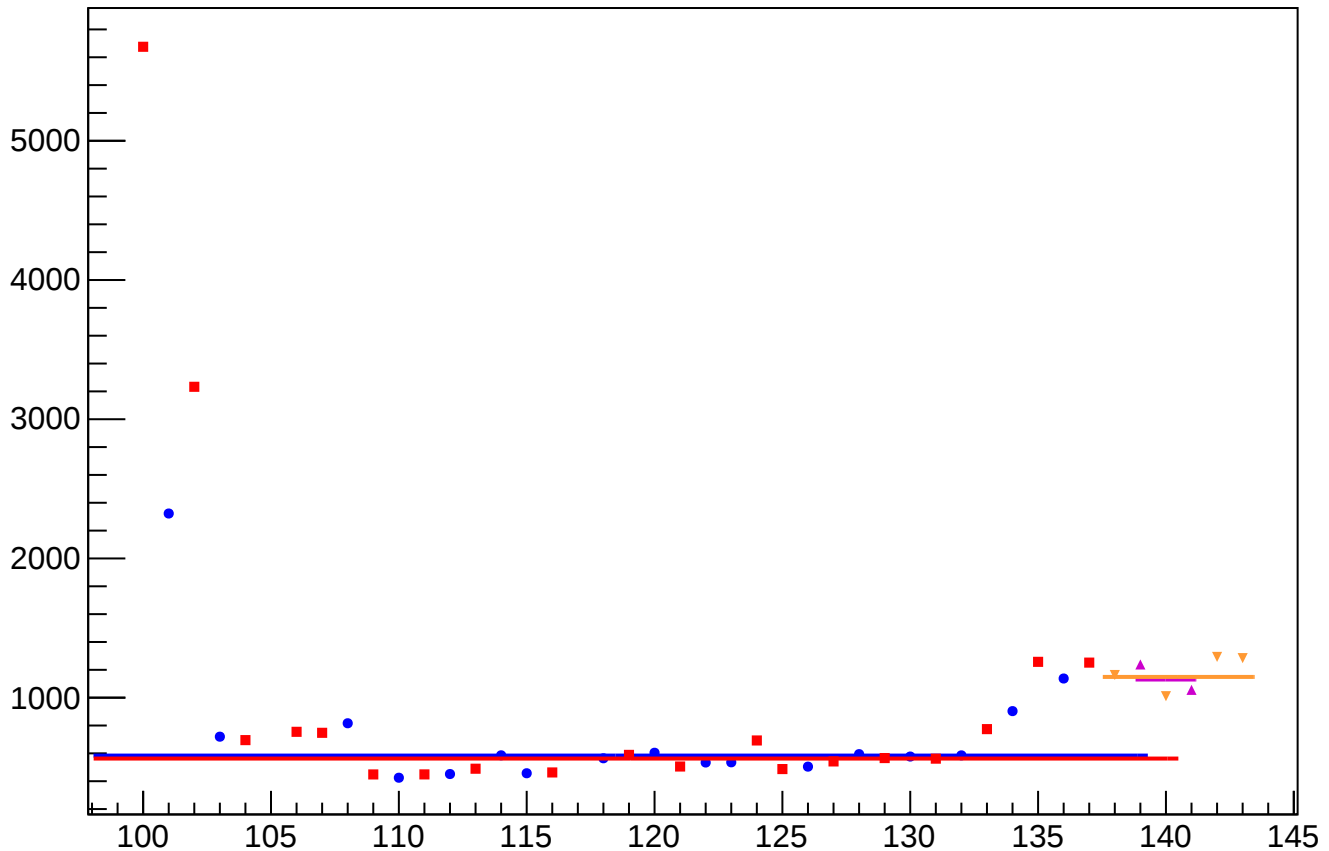
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

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

Out: 574.420 ± 214.945 χ^2/NDF : 17.2/22

All: 295.414 ± 157.254 χ^2/NDF : 42.5/41

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 1149.030+/-0.496 χ^2/NDF : 57489.9/3

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: 1141.860+/-0.389 χ^2/NDF : 78391.1/5

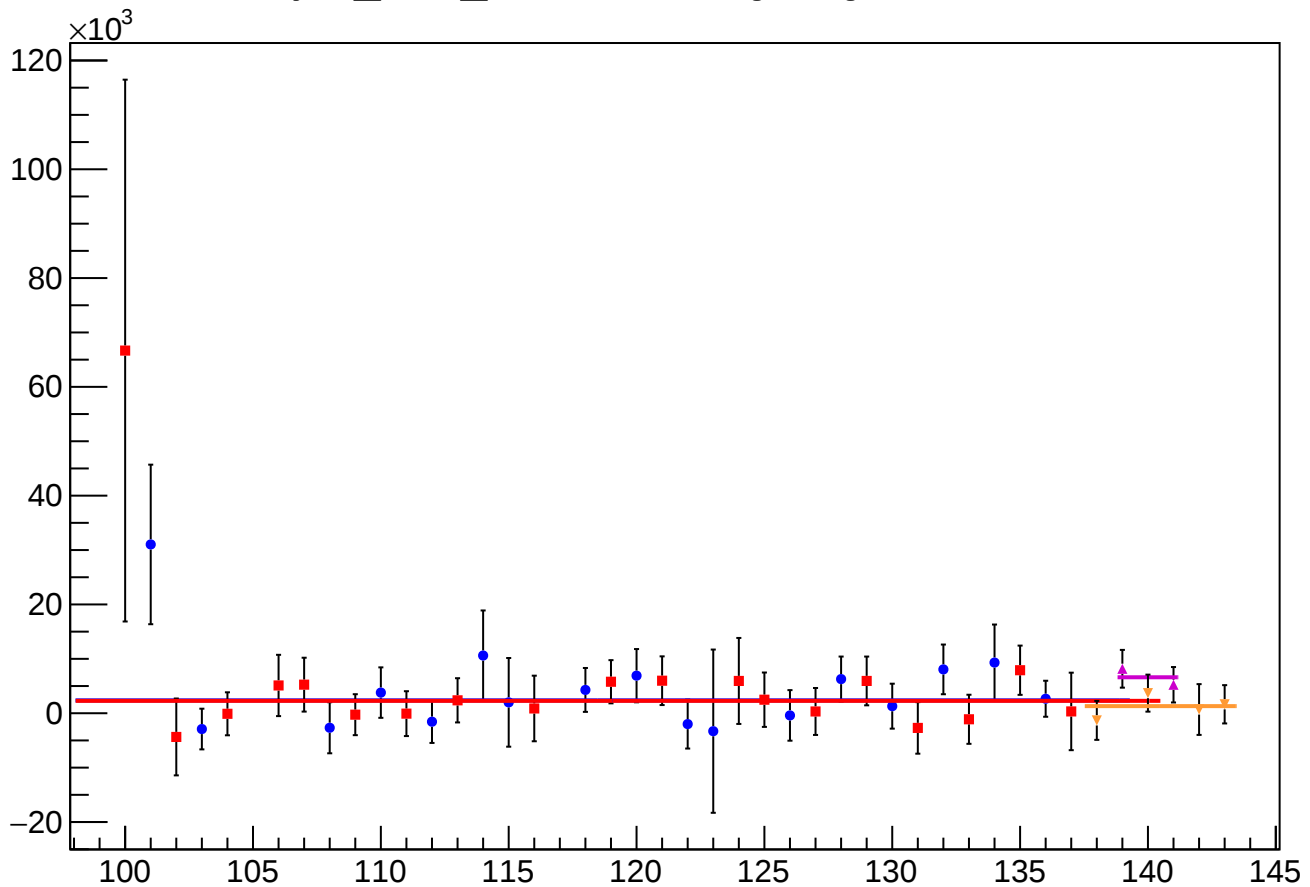
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

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

Out: 617.705+/-0.152 χ^2/NDF : 2962383.3/22

All: 619.190+/-0.111 χ^2/NDF : 5125166.9/41

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 1307.288 $\pm$ 1853.299 χ^2 /NDF: 1.1/3

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: 3314.183 $\pm$ 1461.119 χ^2 /NDF: 4.5/5

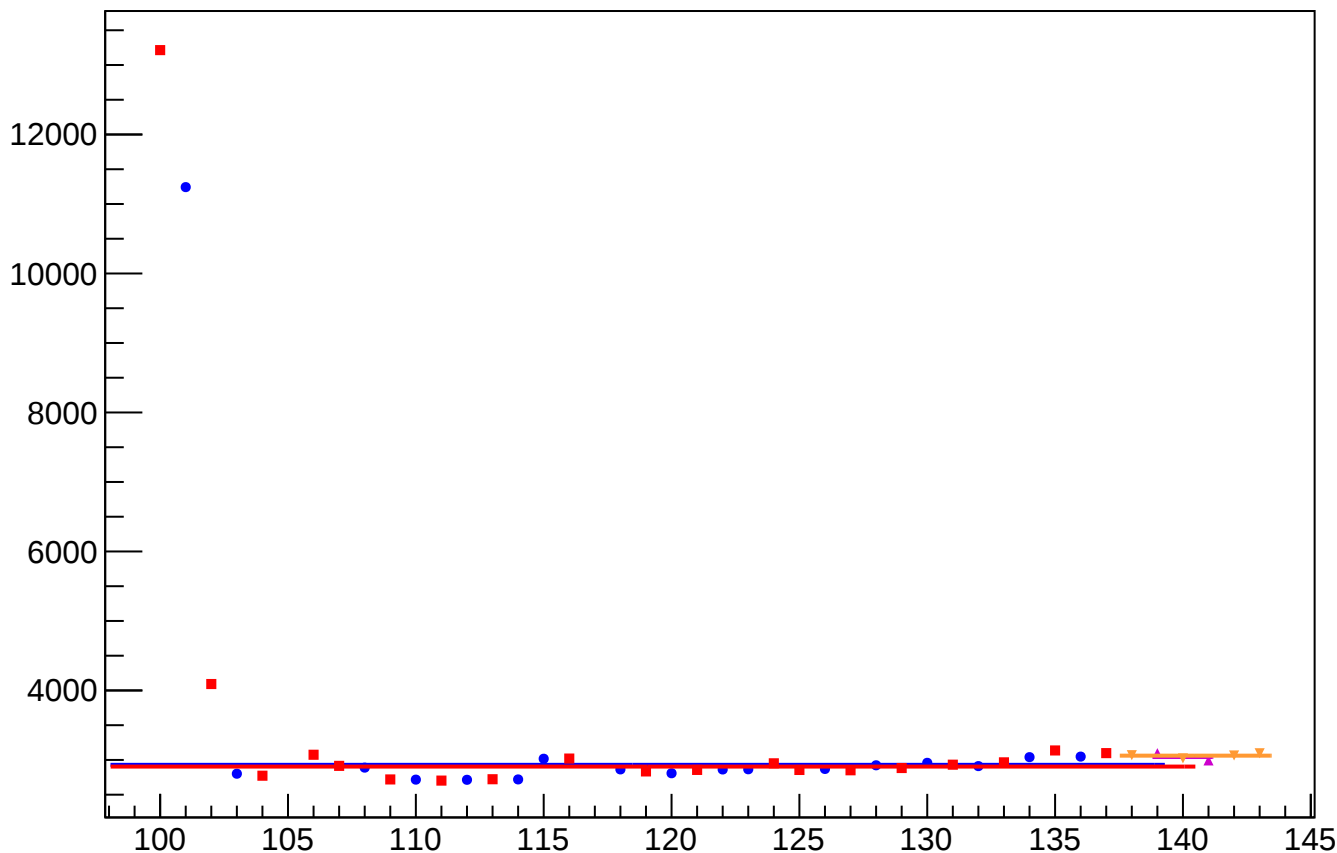
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 3180.771 $\pm$ 1042.287 χ^2 /NDF: 18.0/18

Out: 2020.794 $\pm$ 953.311 χ^2 /NDF: 11.5/22

All: 2549.167 $\pm$ 703.449 χ^2 /NDF: 30.2/41

asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 3061.745+/-1.310 χ^2/NDF : 465.6/3

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: 3054.341+/-1.033 χ^2/NDF : 1511.7/5

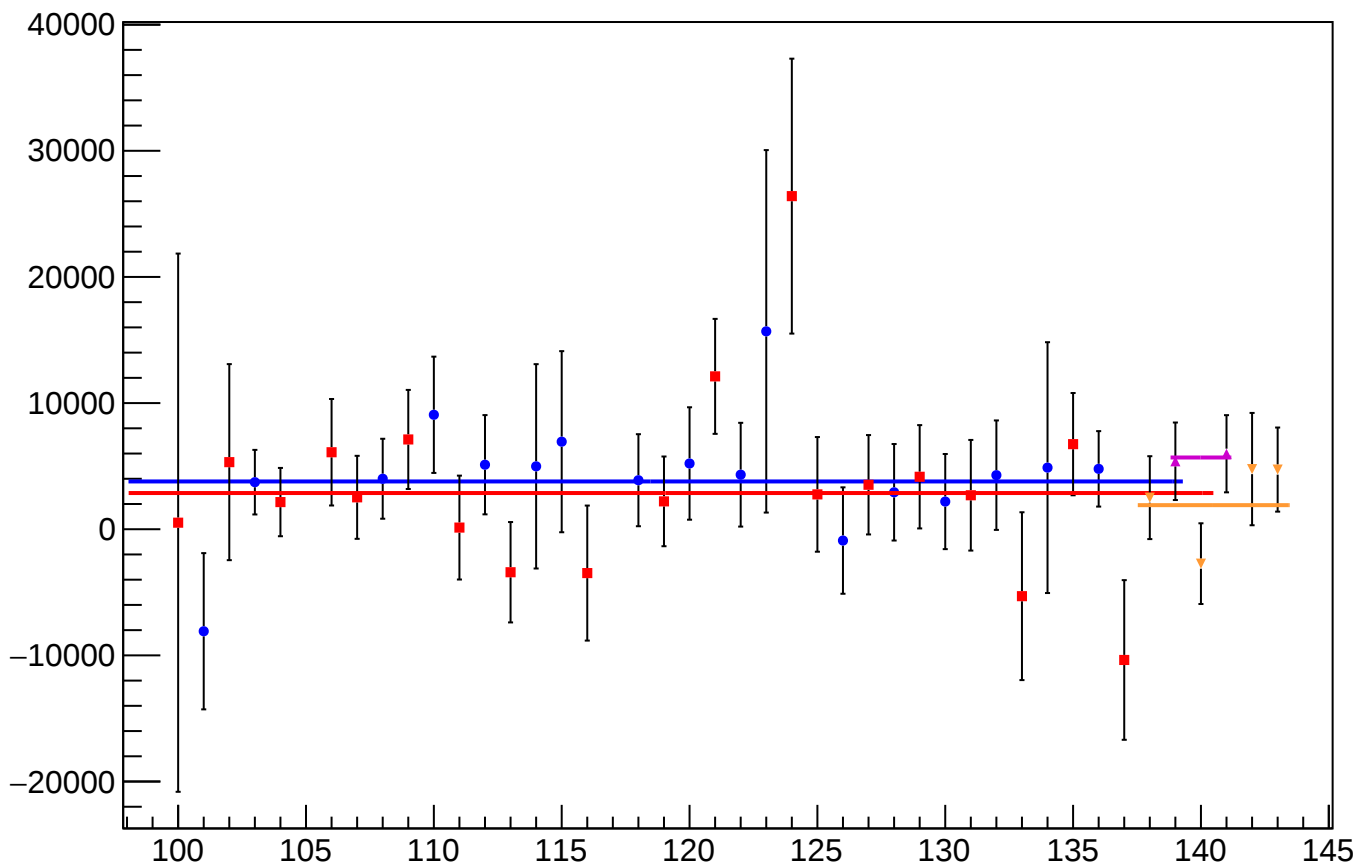
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

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

Out: 2946.157+/-0.674 χ^2/NDF : 180333.1/22

All: 2948.511+/-0.497 χ^2/NDF : 847575.3/41

dit_asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: 1908.773+/-1738.776 χ^2/NDF : 3.3/3

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: 3387.785+/-1356.364 χ^2/NDF : 5.1/5

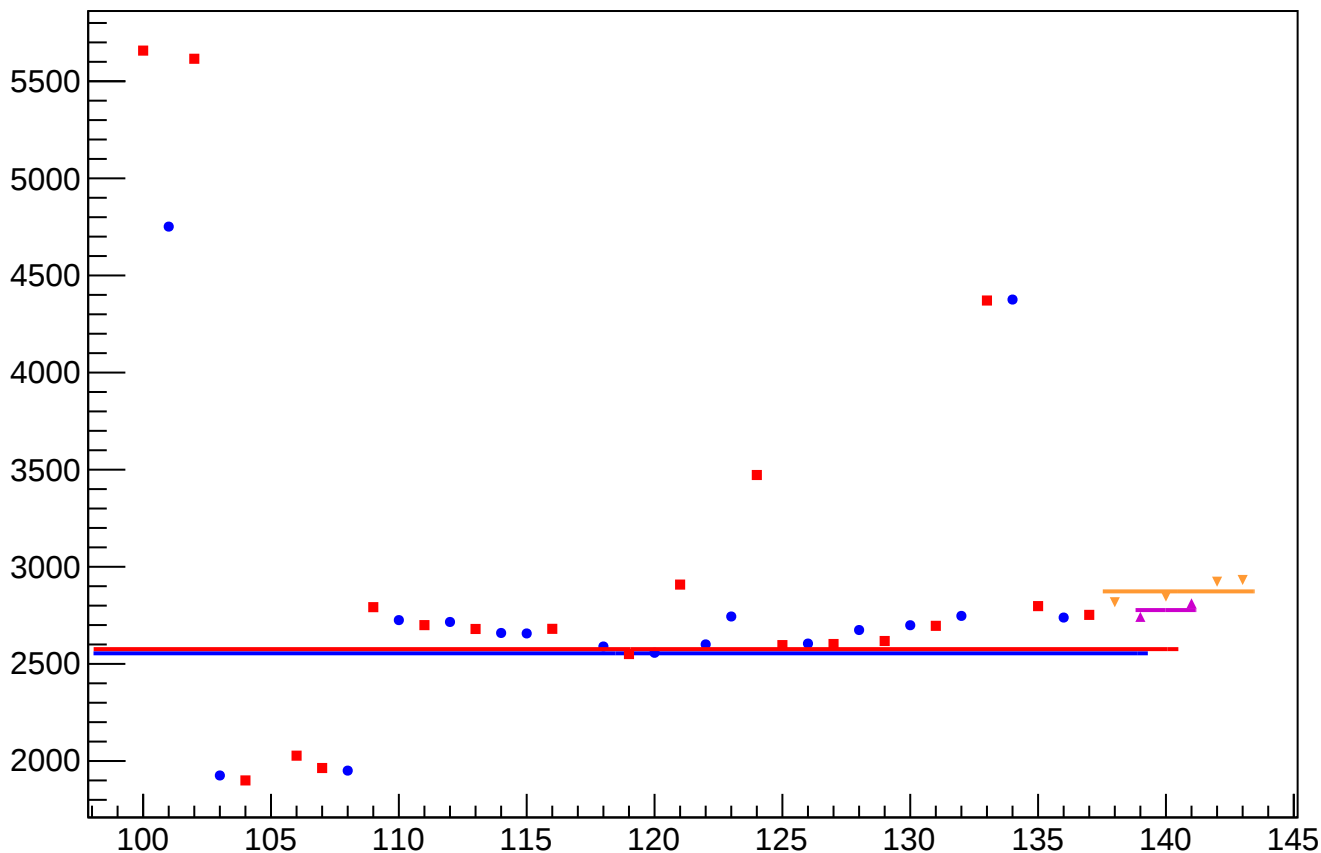
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

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

Out: 2629.635+/-868.793 χ^2/NDF : 25.5/22

All: 3339.561+/-629.740 χ^2/NDF : 35.3/41

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2873.320 $\pm$ 1.230 χ^2 /NDF:1592.0/3

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2777.135 $\pm$ 1.533 χ^2 /NDF:515.3/1

Left: 2835.664 $\pm$ 0.959 χ^2 /NDF: 4503.3/5

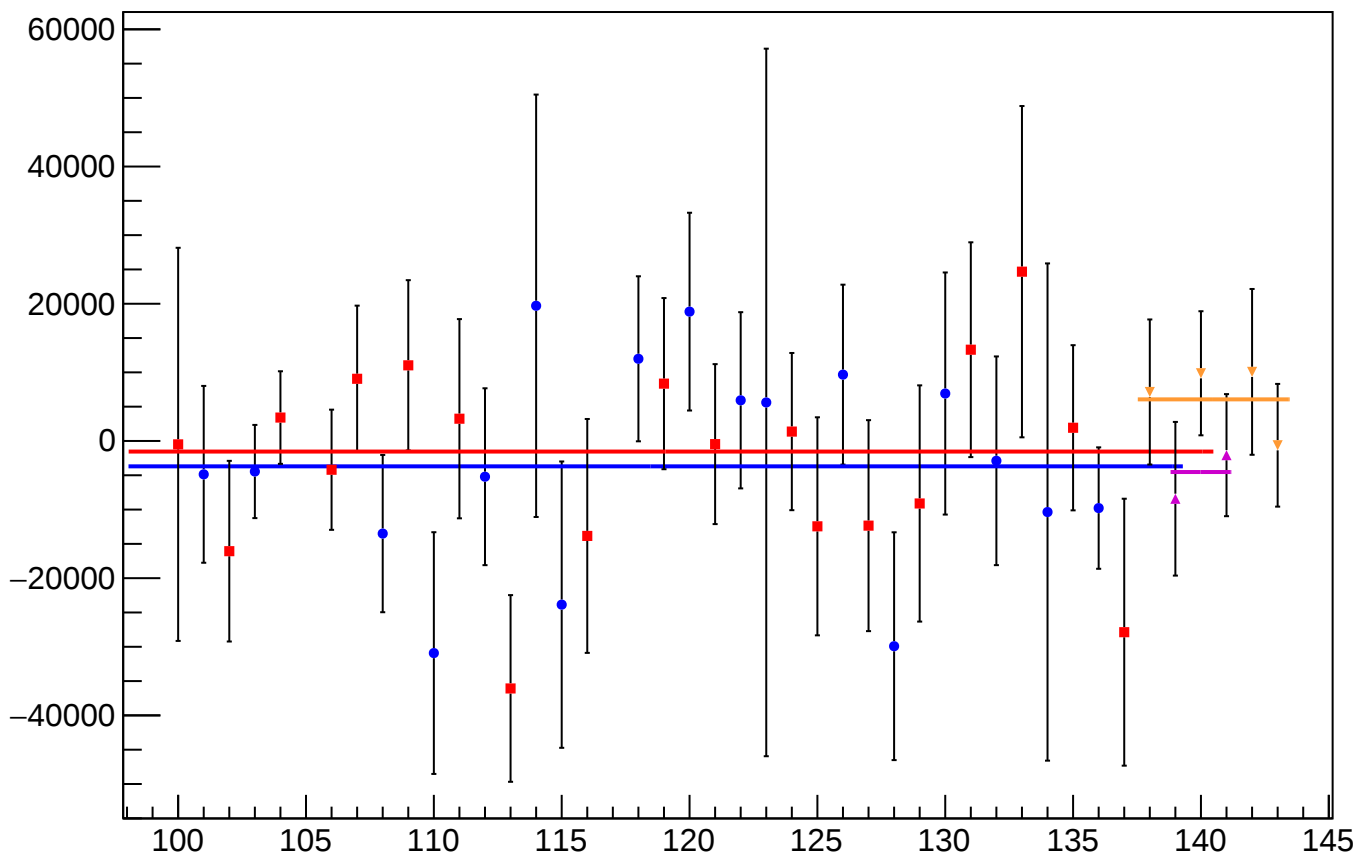
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2594.118 $\pm$ 0.646 χ^2 /NDF:554479.8/18

Out: 2650.241 $\pm$ 0.614 χ^2 /NDF:810613.1/22

All: 2623.613 $\pm$ 0.445 χ^2 /NDF: 1369055.1/41

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 6062.090 ± 4967.497 χ^2/NDF : 0.9/3

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: 2492.854 ± 4044.618 χ^2/NDF : 2.6/5

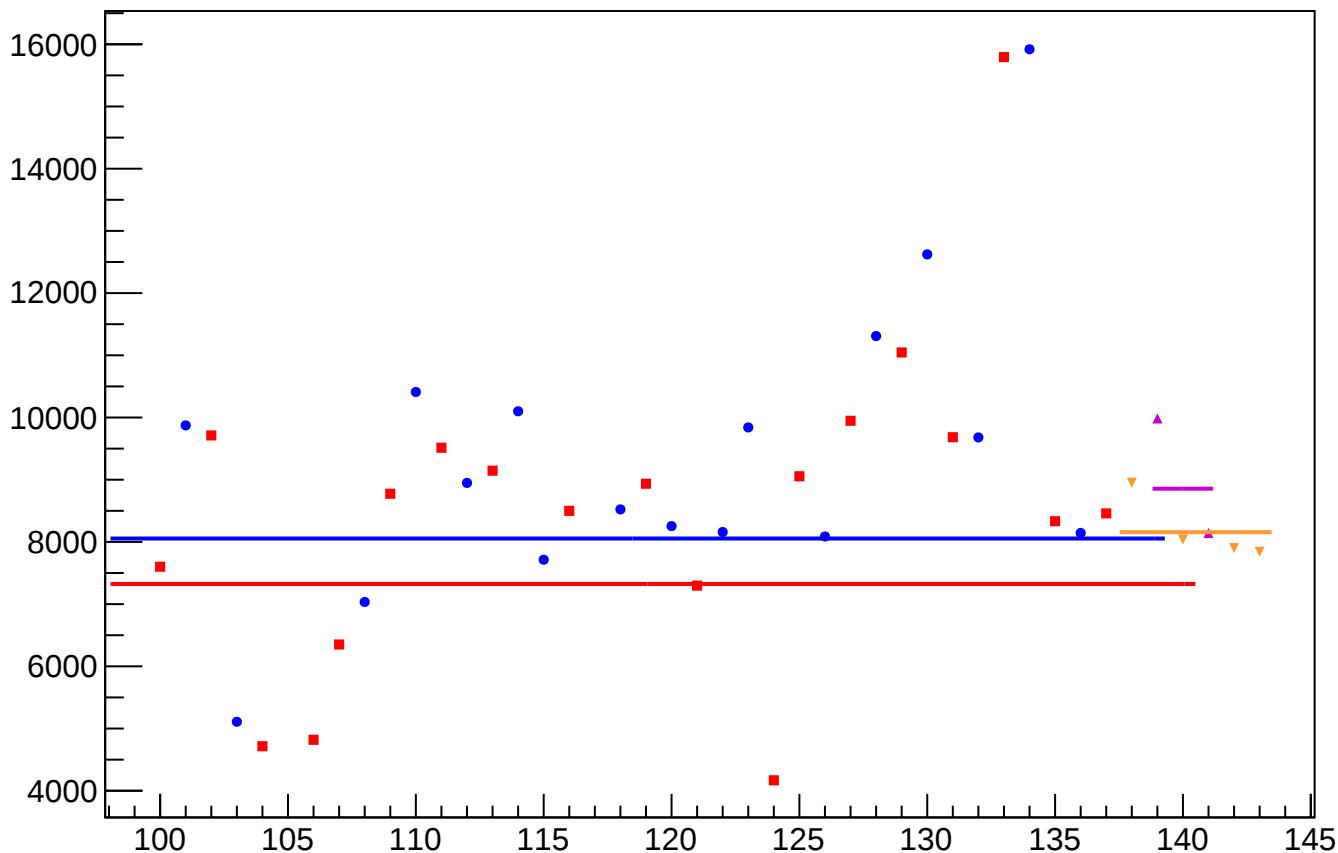
Right: -2509.390 ± 2152.947 χ^2/NDF : 30.8/35

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

Out: 385.585 ± 2502.424 χ^2/NDF : 19.4/22

All: -1404.970 ± 1900.475 χ^2/NDF : 34.6/41

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8156.660 +/- 3.513 χ^2/NDF : 15019.9/3

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: 8392.324 +/- 2.860 χ^2/NDF : 61559.2/5

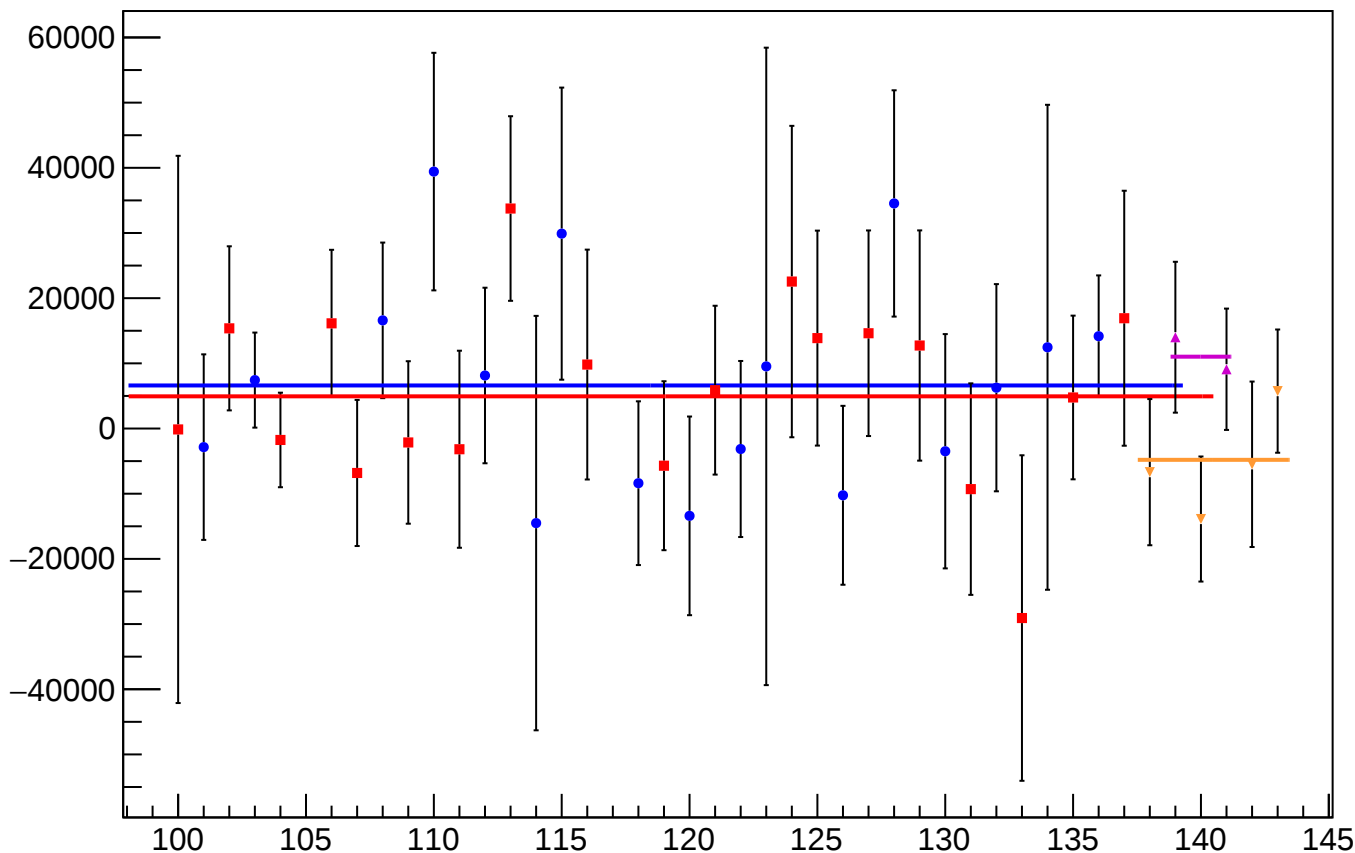
Right: 7651.290 +/- 1.522 χ^2/NDF : 2213838.0/35

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

Out: 7535.525 +/- 1.769 χ^2/NDF : 1393069.7/22

All: 7814.899 +/- 1.344 χ^2/NDF : 2327710.1/41

asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: -4803.006+/-5254.922 χ^2/NDF : 2.2/3

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: 644.792+/-4255.461 χ^2/NDF : 5.4/5

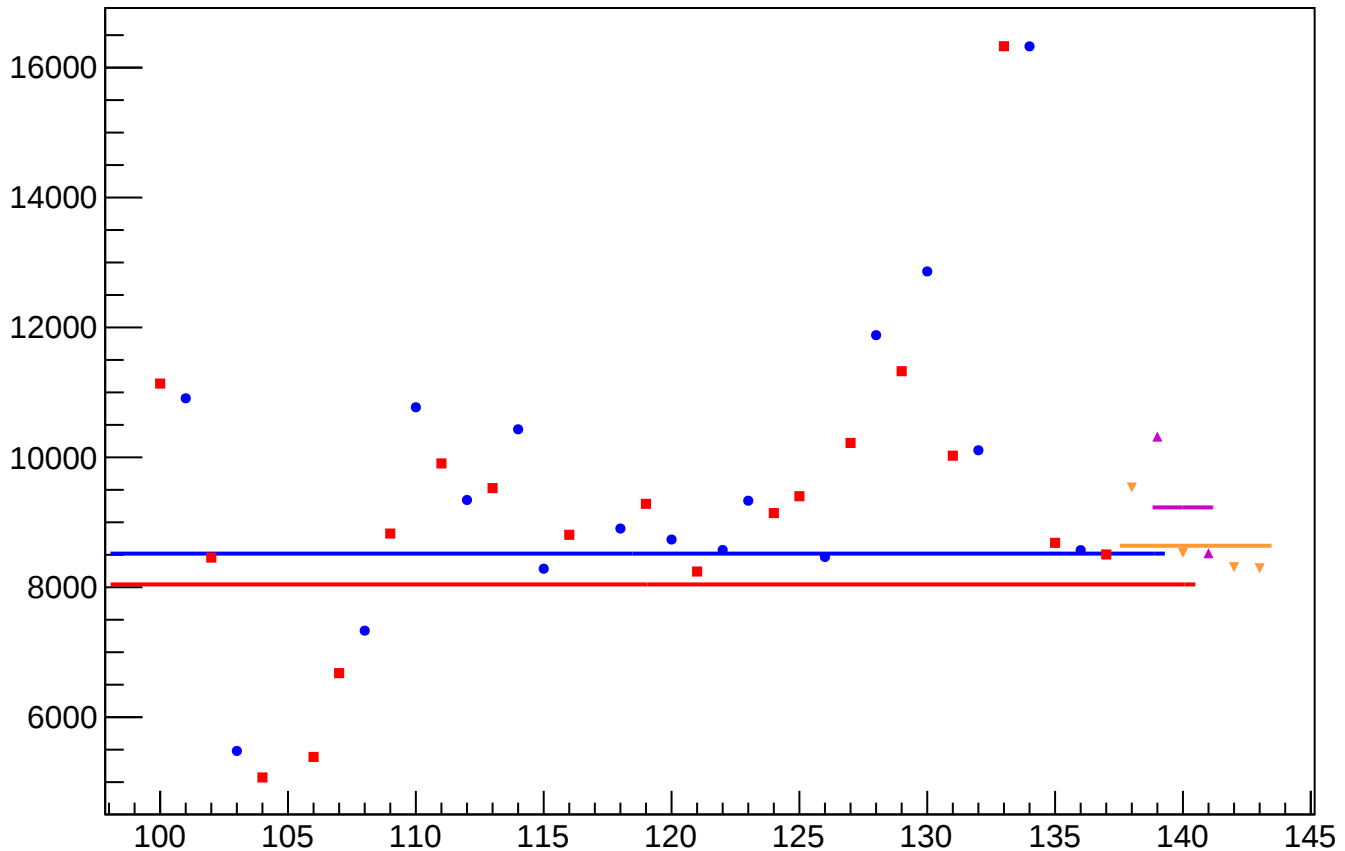
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

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

Out: 2342.169+/-2712.983 χ^2/NDF : 18.2/22

All: 4556.166+/-2034.520 χ^2/NDF : 34.9/41

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8639.115+/-3.716 χ^2/NDF : 17081.5/3

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9229.705+/-5.129 χ^2/NDF : 29228.7/1

Left: 8842.406+/-3.009 χ^2/NDF : 55005.8/5

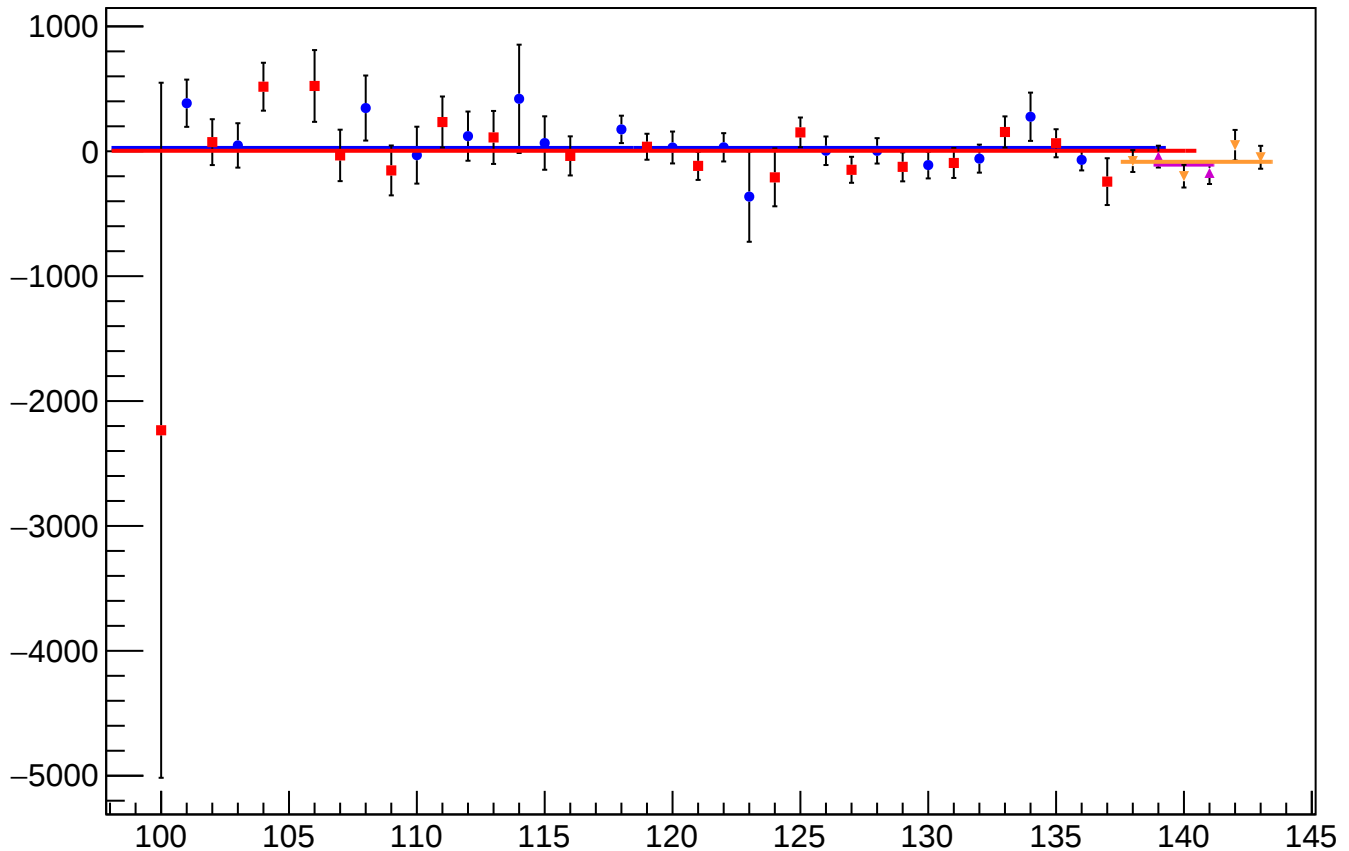
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8646.181+/-2.175 χ^2/NDF : 817005.6/18

Out: 8202.433+/-1.918 χ^2/NDF : 989484.1/22

All: 8396.620+/-1.439 χ^2/NDF : 1829905.9/41

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713+/-33.626 χ^2/NDF : 14.5/16

Left Out: -84.354+/-47.776 χ^2/NDF : 2.9/3

Right Out: 4.007+/-33.839 χ^2/NDF : 24.6/18

Left In: -106.751+/-62.326 χ^2/NDF : 1.1/1

Left: -92.644+/-37.917 χ^2/NDF : 4.1/5

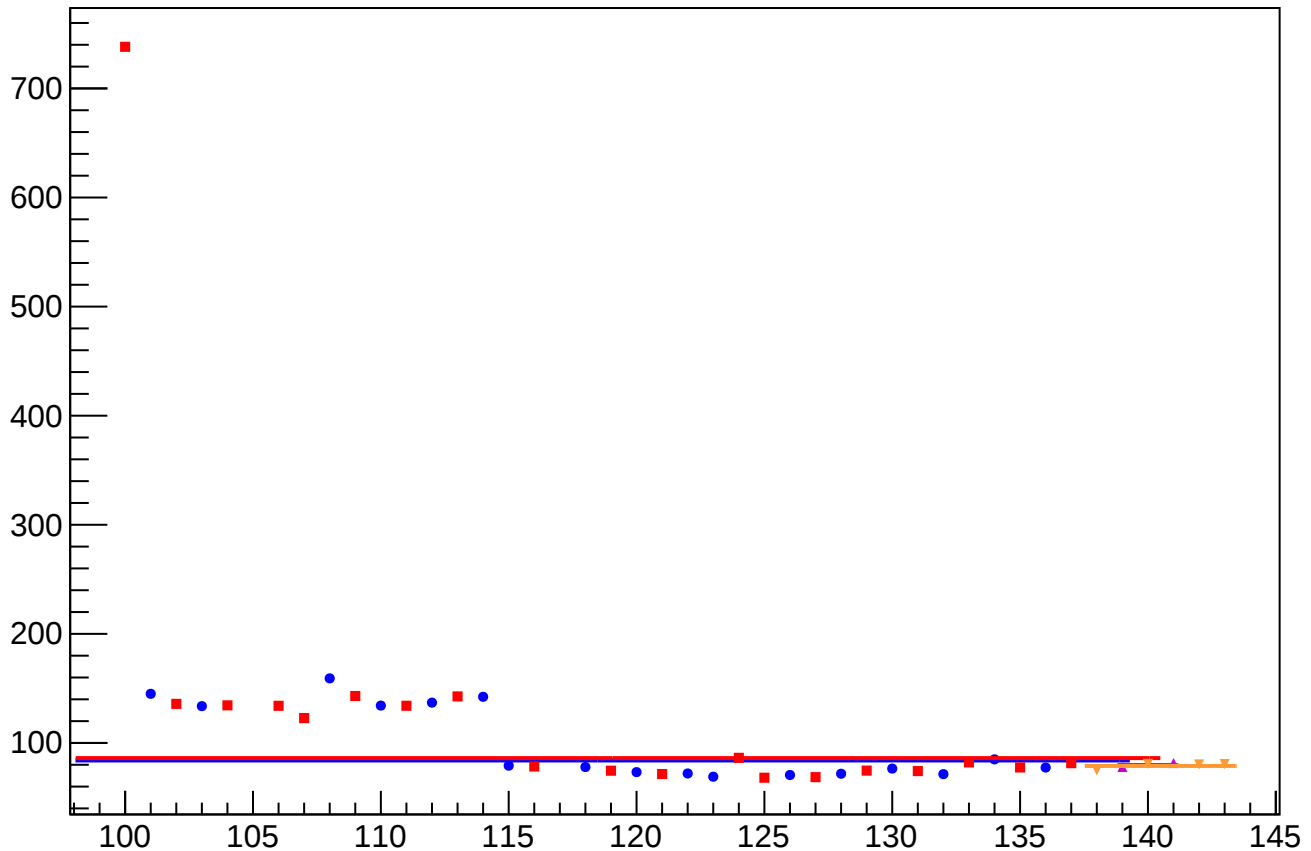
Right: 15.432+/-23.852 χ^2/NDF : 39.3/35

In: -3.378+/-29.594 χ^2/NDF : 19.2/18

Out: -25.513+/-27.614 χ^2/NDF : 29.8/22

All: -15.210+/-20.190 χ^2/NDF : 49.3/41

dit_asym_sam1_rms vs Slug, Sign Corrected



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

Left Out: 78.924+/-0.034 χ^2/NDF : 6098.7/3

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: 79.234+/-0.027 χ^2/NDF : 8002.2/5

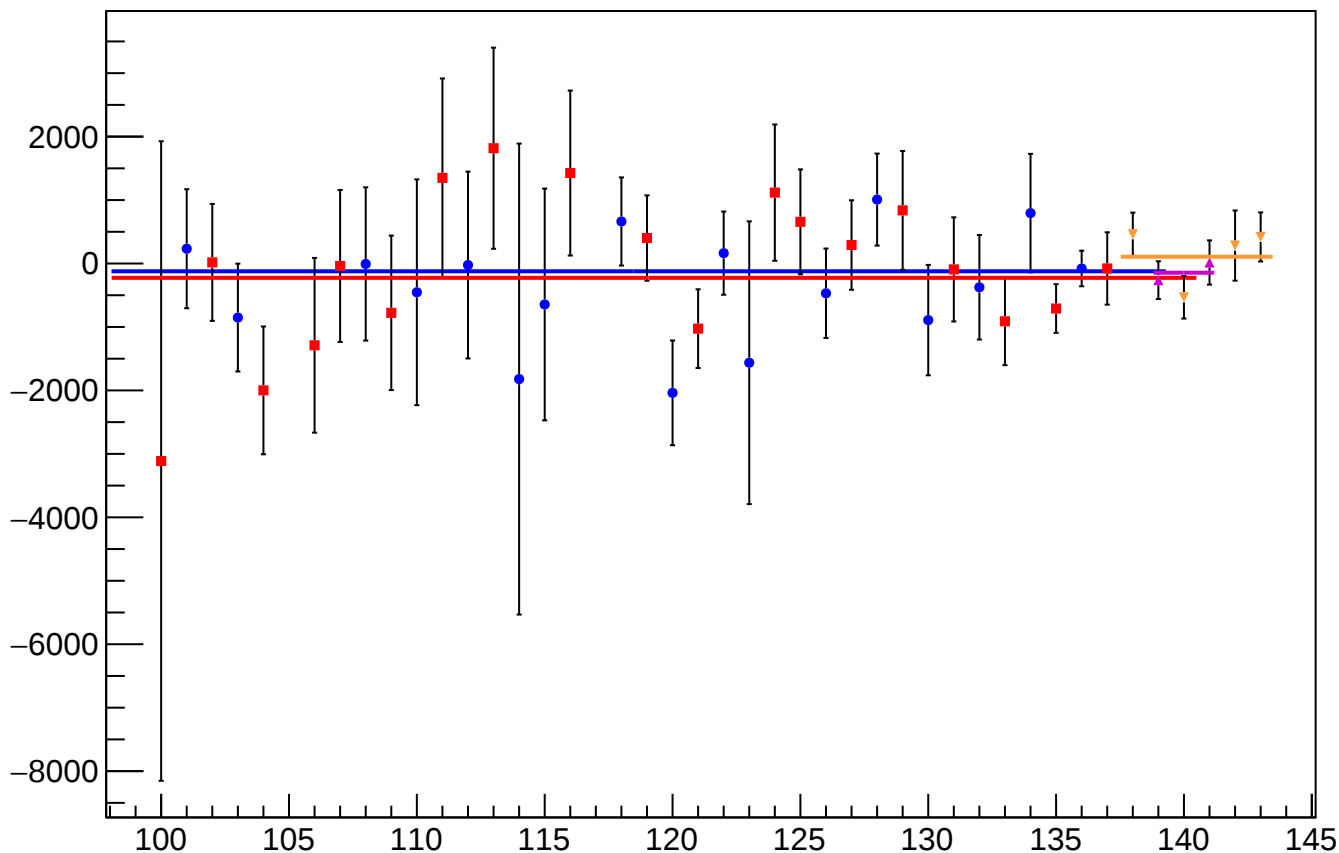
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

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

Out: 83.708+/-0.020 χ^2/NDF : 1172445.9/22

All: 83.385+/-0.014 χ^2/NDF : 2141995.3/41

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 106.776 ± 190.726 χ^2/NDF : 5.5/3

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: 2.214 ± 145.826 χ^2/NDF : 6.6/5

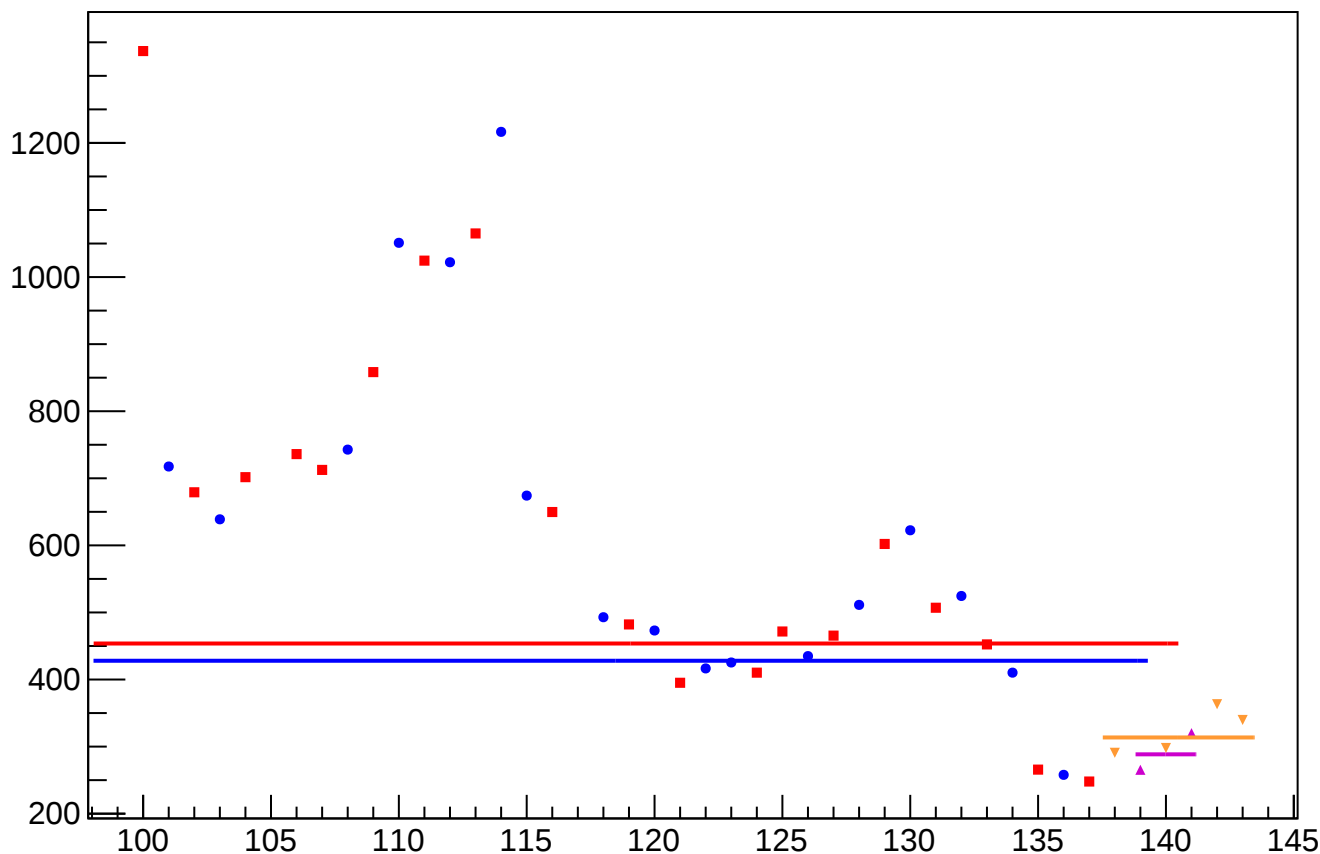
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

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

Out: -64.408 ± 132.783 χ^2/NDF : 25.4/22

All: -95.840 ± 96.557 χ^2/NDF : 38.9/41

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 313.624+/-0.135 χ^2/NDF :38516.2/3

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 288.477+/-0.160 χ^2/NDF :28406.2/1

Left: 303.178+/-0.103 χ^2/NDF : 81365.0/5

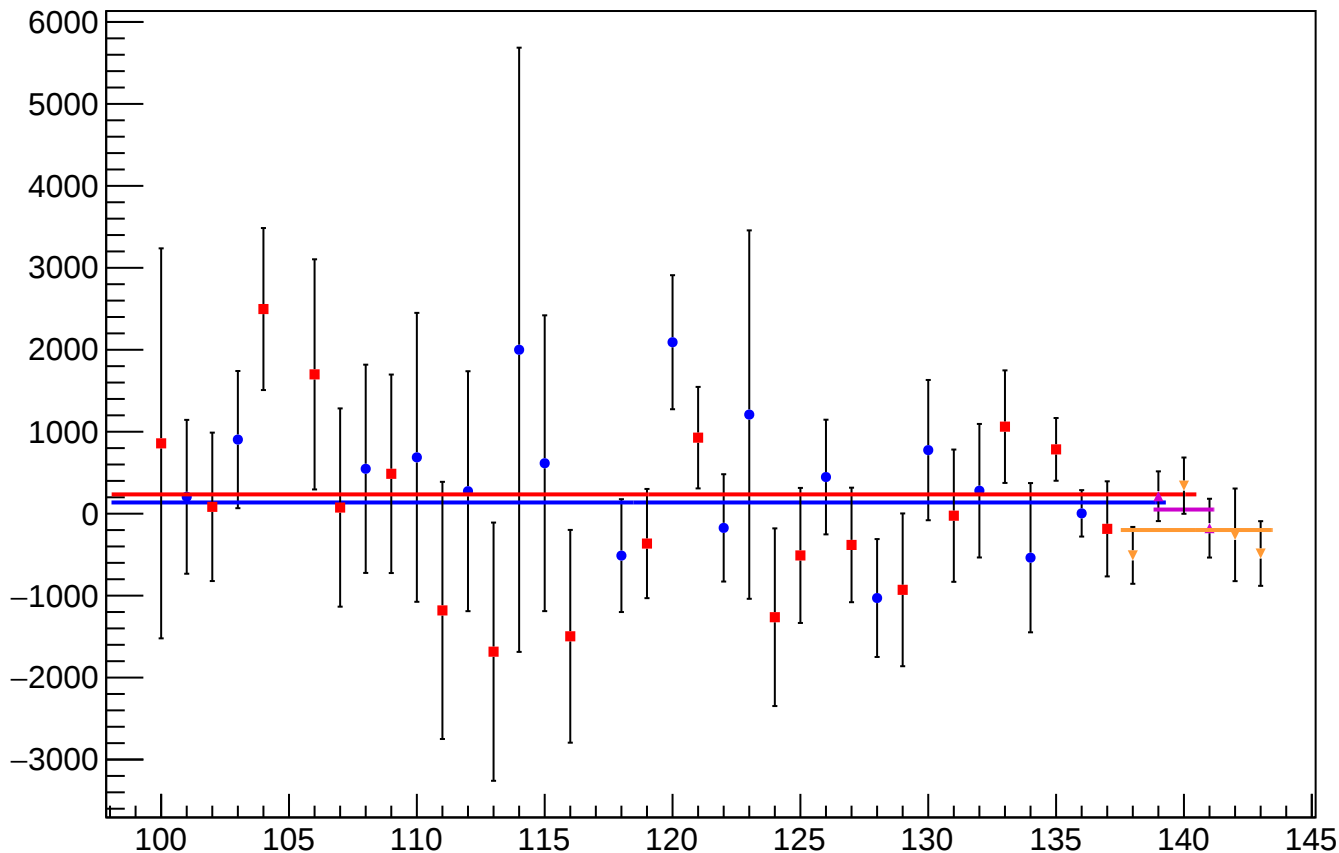
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 374.063+/-0.099 χ^2/NDF :2557147.8/18

Out: 385.806+/-0.094 χ^2/NDF :2728965.3/22

All: 380.273+/-0.068 χ^2/NDF : 5293483.4/41

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -199.394 $\pm$ 194.811 χ^2 /NDF:3.8/3

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: -95.897 $\pm$ 149.101 χ^2 /NDF: 5.2/5

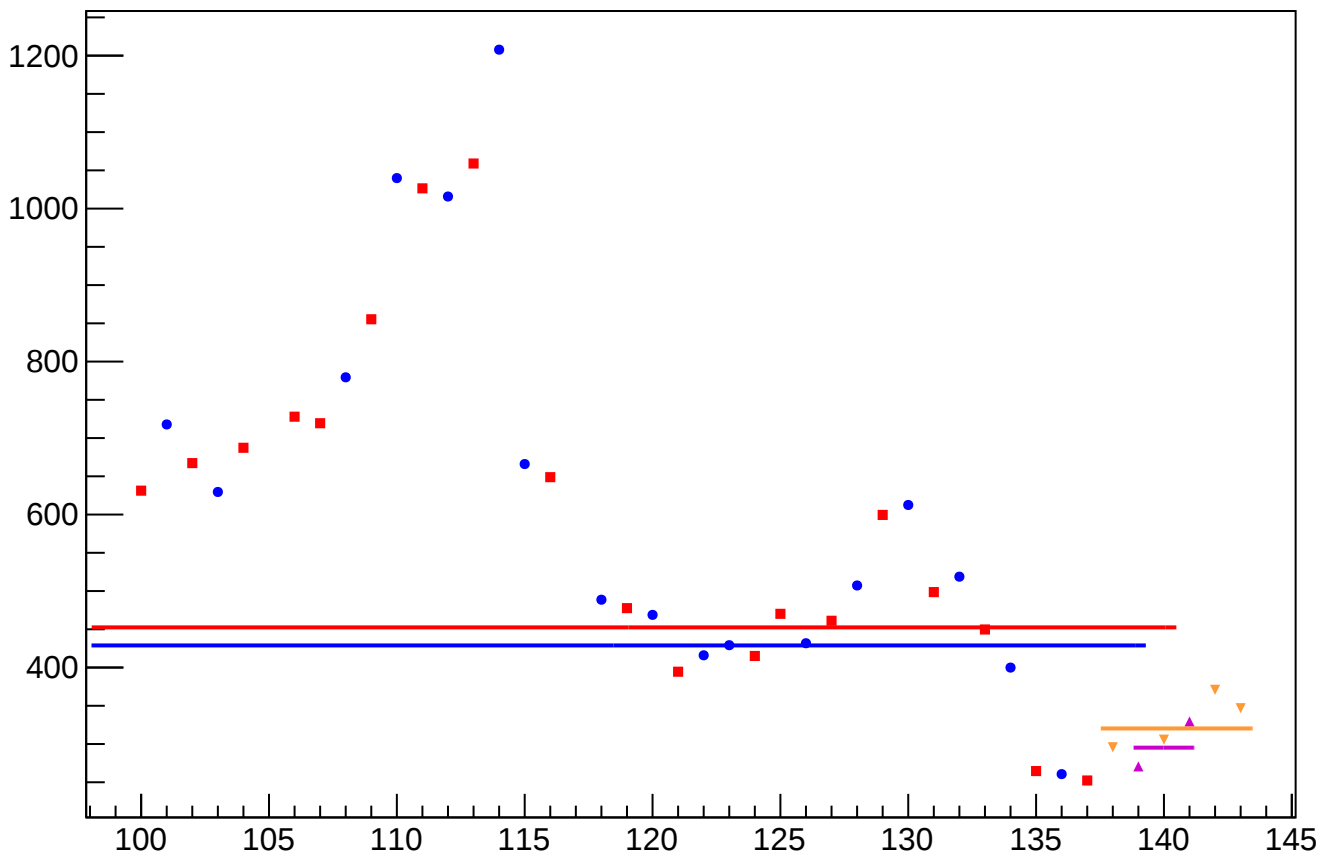
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 104.394 $\pm$ 141.945 χ^2 /NDF:13.4/18

Out: 30.336 $\pm$ 133.776 χ^2 /NDF:28.3/22

All: 65.173 $\pm$ 97.354 χ^2 /NDF: 41.8/41

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 320.352+/-0.138 χ^2/NDF :38667.5/3

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 295.241+/-0.164 χ^2/NDF :31202.5/1

Left: 309.950+/-0.105 χ^2/NDF : 83634.8/5

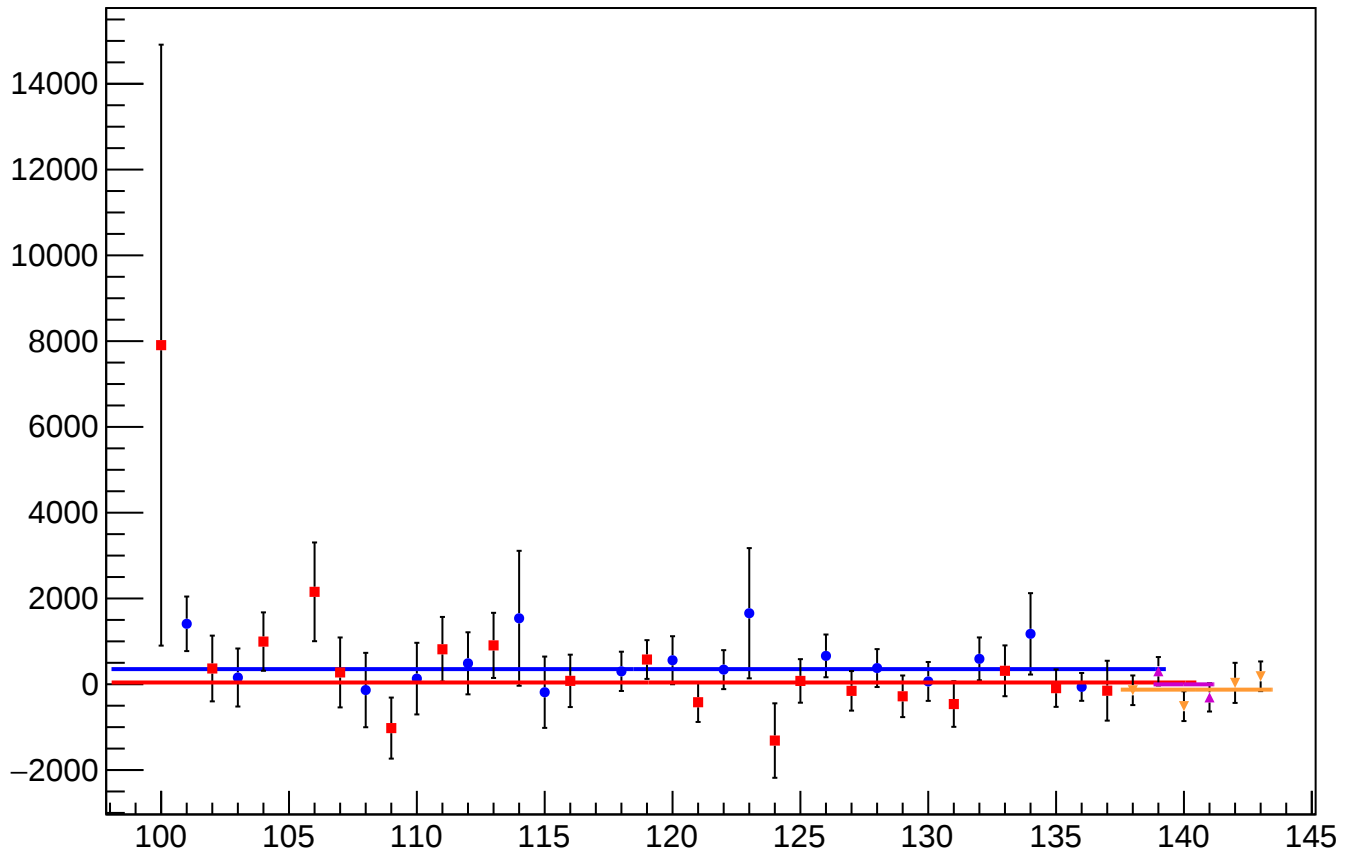
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 378.715+/-0.100 χ^2/NDF :2457535.0/18

Out: 390.178+/-0.095 χ^2/NDF :2566992.6/22

All: 384.786+/-0.069 χ^2/NDF : 5031435.7/41

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -125.668 ± 183.782 χ^2/NDF : 2.2/3

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: -78.511 ± 144.430 χ^2/NDF : 4.0/5

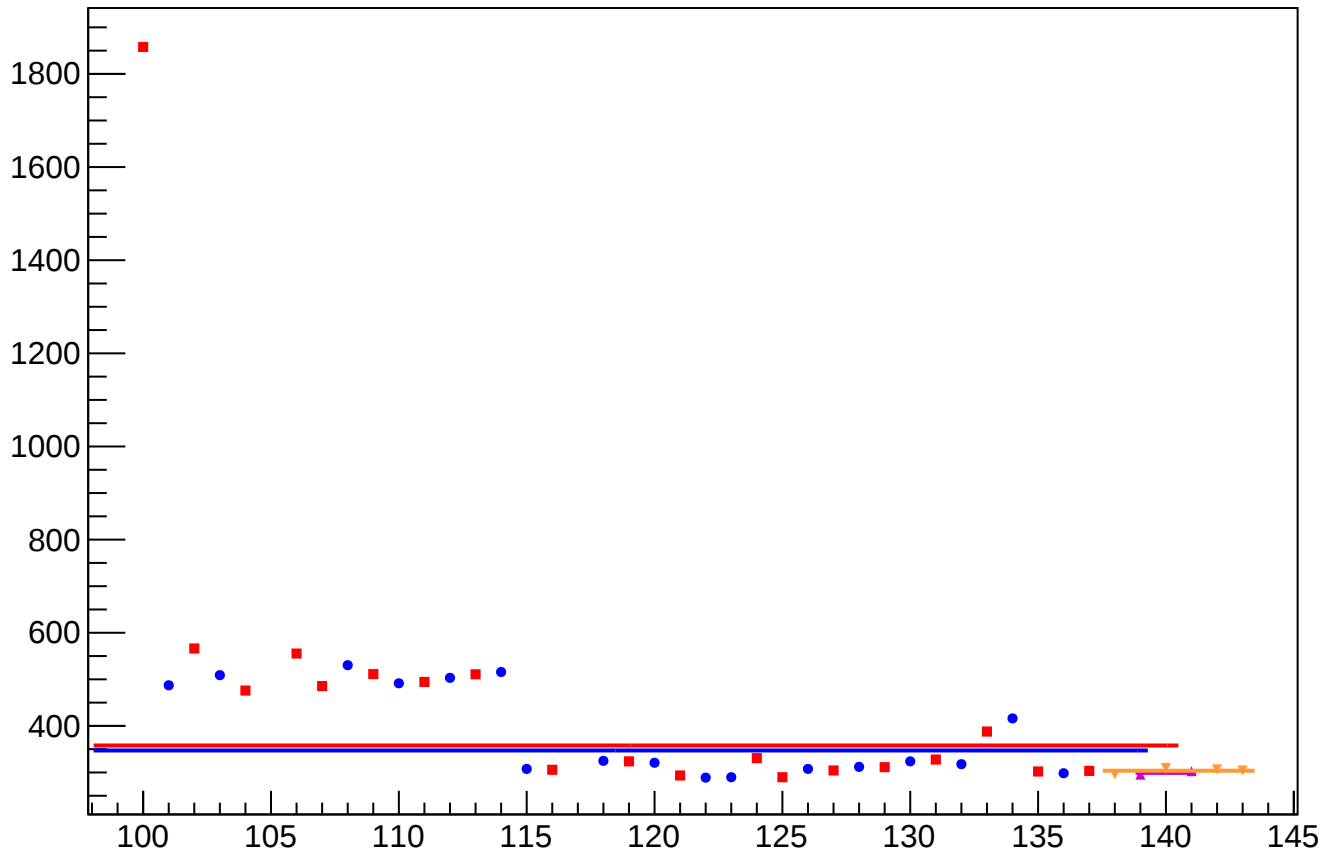
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: 261.687 ± 118.362 χ^2/NDF : 12.0/18

Out: -19.595 ± 110.860 χ^2/NDF : 20.9/22

All: 111.850 ± 80.912 χ^2/NDF : 35.8/41

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 303.744+/-0.130 χ^2/NDF : 1658.0/3

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 299.119+/-0.165 χ^2/NDF : 505.3/1

Left: 301.975+/-0.102 χ^2/NDF : 2647.5/5

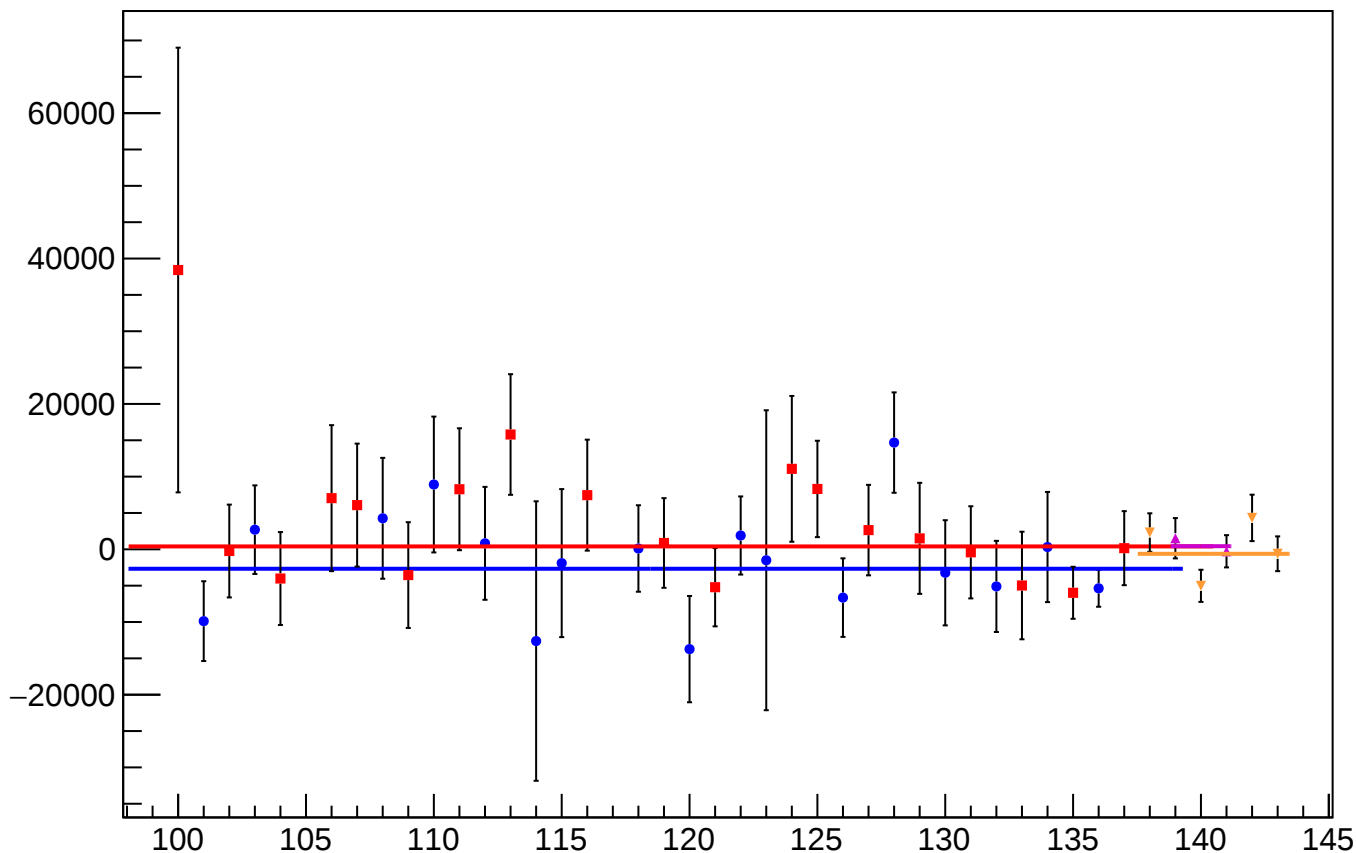
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 334.911+/-0.084 χ^2/NDF : 682609.6/18

Out: 338.229+/-0.078 χ^2/NDF : 964006.2/22

All: 336.679+/-0.057 χ^2/NDF : 1647453.0/41

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -617.722 $\pm$ 1269.723 χ^2 /NDF: 7.6/3

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: -251.325 $\pm$ 1023.976 χ^2 /NDF: 8.1/5

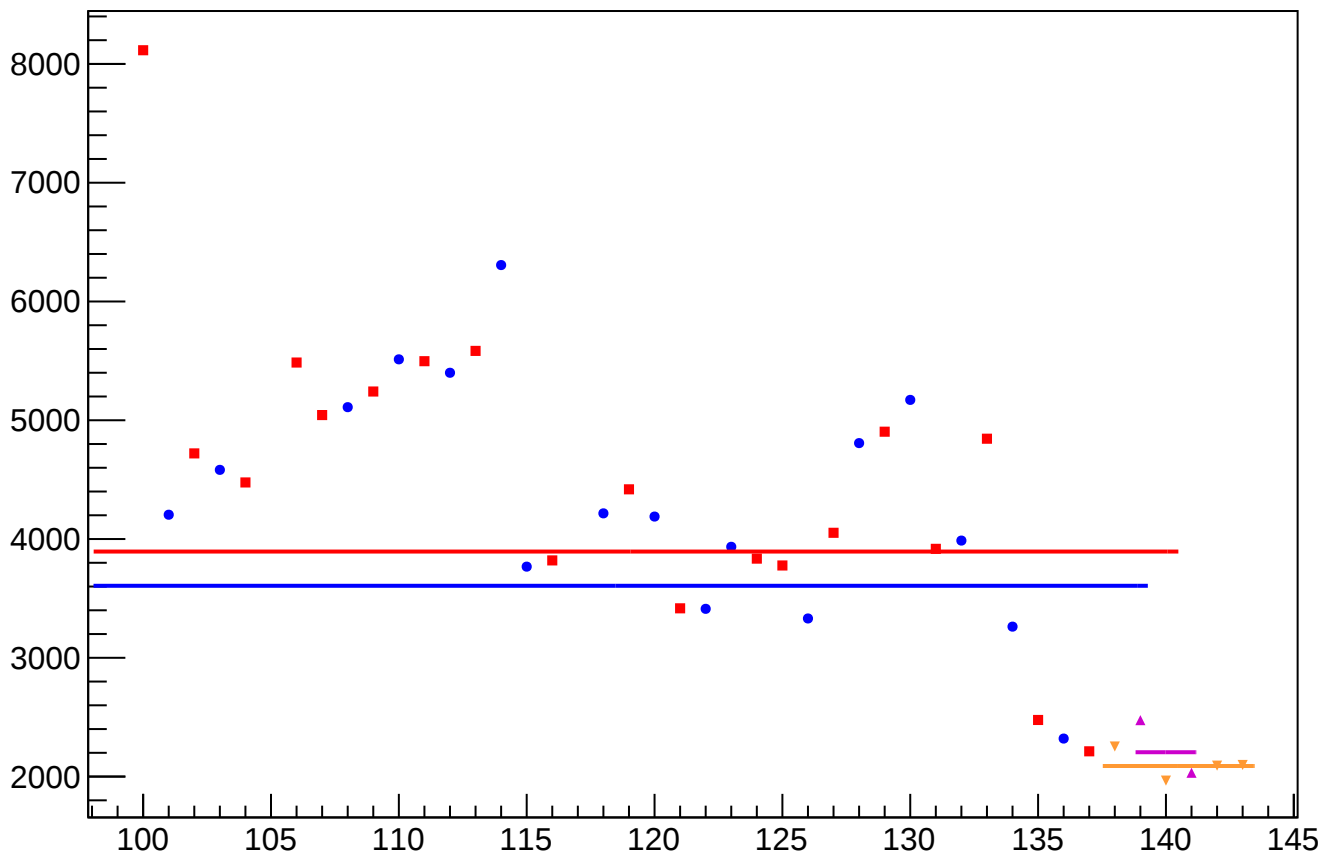
Right: -1199.564 $\pm$ 1050.178 χ^2 /NDF: 34.8/35

In: -1388.237 $\pm$ 1114.531 χ^2 /NDF: 18.9/18

Out: -198.768 $\pm$ 973.399 χ^2 /NDF: 23.8/22

All: -713.468 $\pm$ 733.149 χ^2 /NDF: 43.3/41

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2088.992+/-0.898 χ^2/NDF : 13909.4/3

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: 2129.532+/-0.724 χ^2/NDF : 50861.0/5

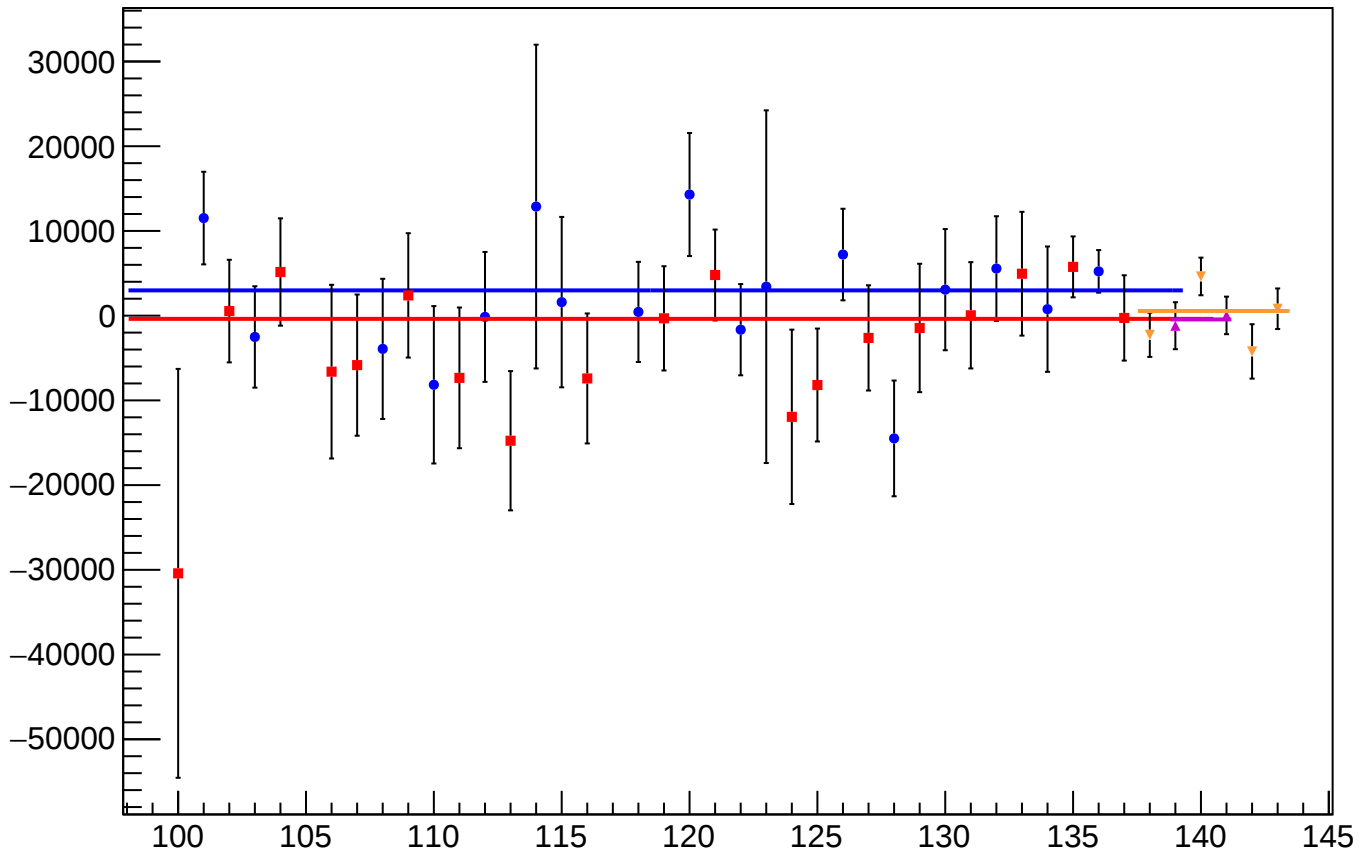
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 3025.893+/-0.788 χ^2/NDF : 1890889.6/18

Out: 2833.423+/-0.688 χ^2/NDF : 2714134.8/22

All: 2916.707+/-0.518 χ^2/NDF : 4638860.3/41

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 549.294 $\pm$ 1269.374 χ^2 /NDF: 6.7/3

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: 201.713 $\pm$ 1023.644 χ^2 /NDF: 7.1/5

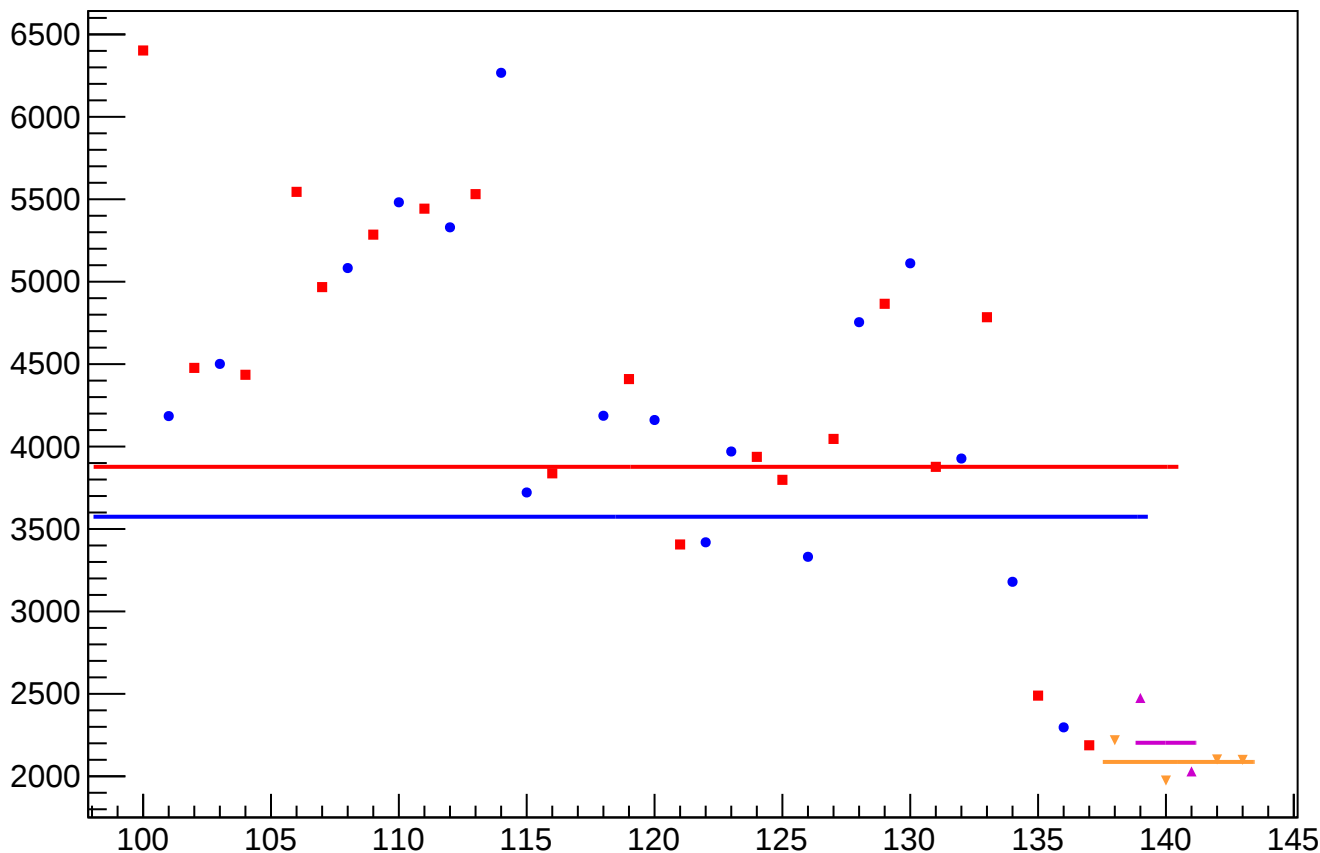
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1577.312 $\pm$ 1108.680 χ^2 /NDF: 19.9/18

Out: 164.812 $\pm$ 970.962 χ^2 /NDF: 22.0/22

All: 777.932 $\pm$ 730.440 χ^2 /NDF: 42.8/41

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2087.105 $\pm$ 0.898 χ^2 /NDF:10333.4/3

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: 2127.727 $\pm$ 0.724 χ^2 /NDF: 47696.9/5

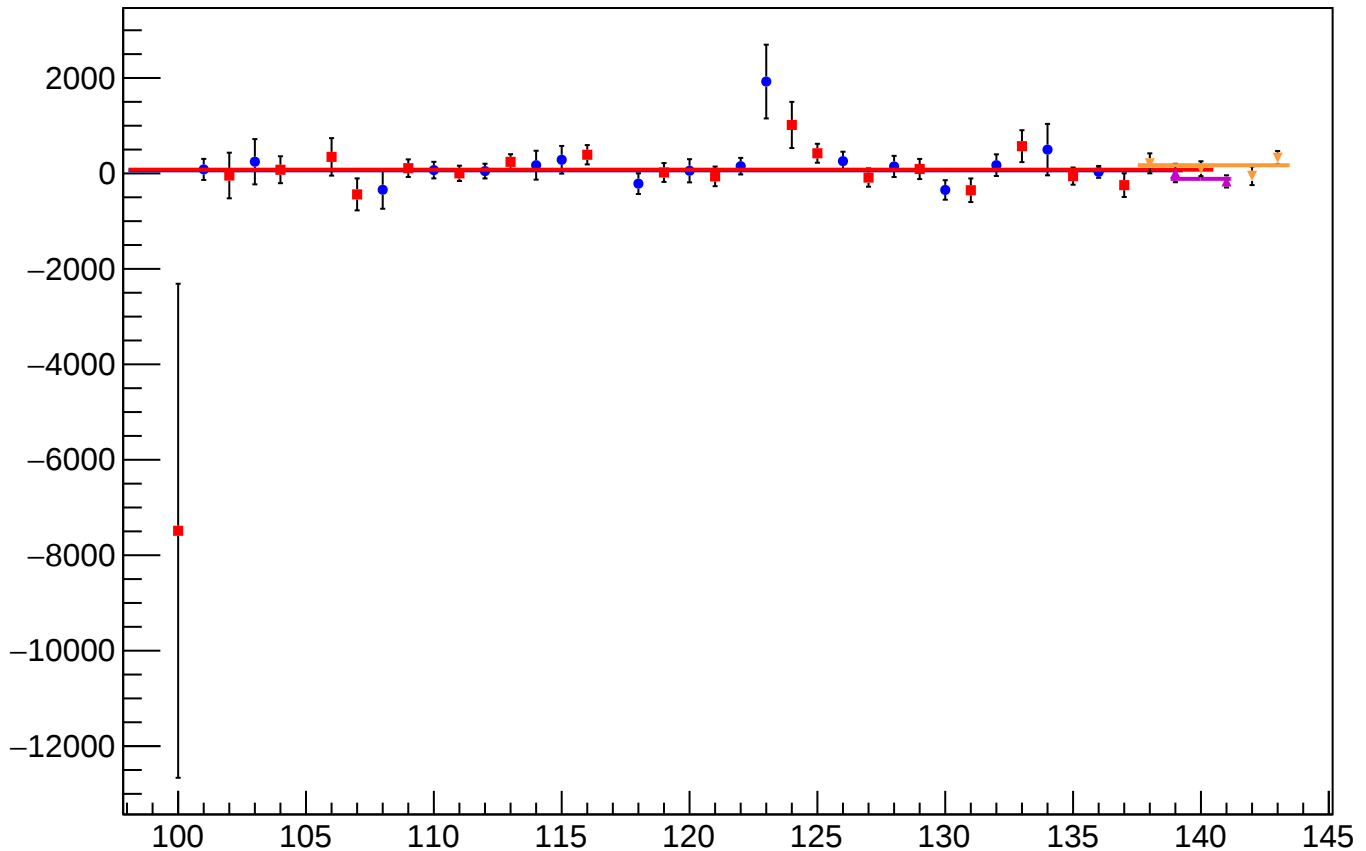
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 3011.933 $\pm$ 0.784 χ^2 /NDF:1862892.7/18

Out: 2829.796 $\pm$ 0.687 χ^2 /NDF:2650580.6/22

All: 2908.855 $\pm$ 0.516 χ^2 /NDF: 4544021.1/41

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 172.186+/-84.311 χ^2/NDF : 2.8/3

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: 62.174+/-66.107 χ^2/NDF : 7.8/5

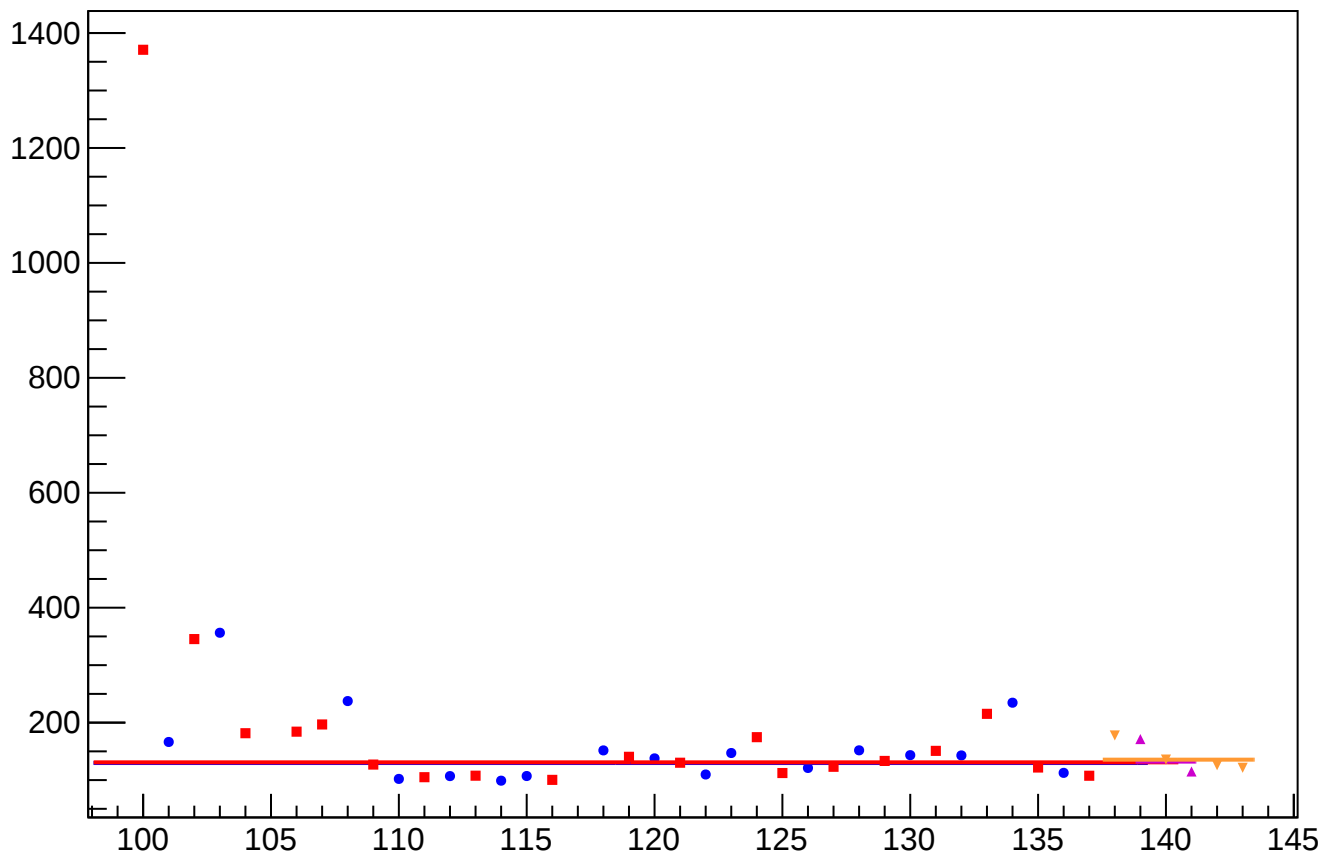
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 30.095+/-47.235 χ^2/NDF : 18.6/18

Out: 104.706+/-44.469 χ^2/NDF : 28.0/22

All: 69.649+/-32.378 χ^2/NDF : 47.9/41

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 135.550 $\pm$ 0.060 χ^2 /NDF: 106105.2/3

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: 134.241 $\pm$ 0.047 χ^2 /NDF: 226220.2/5

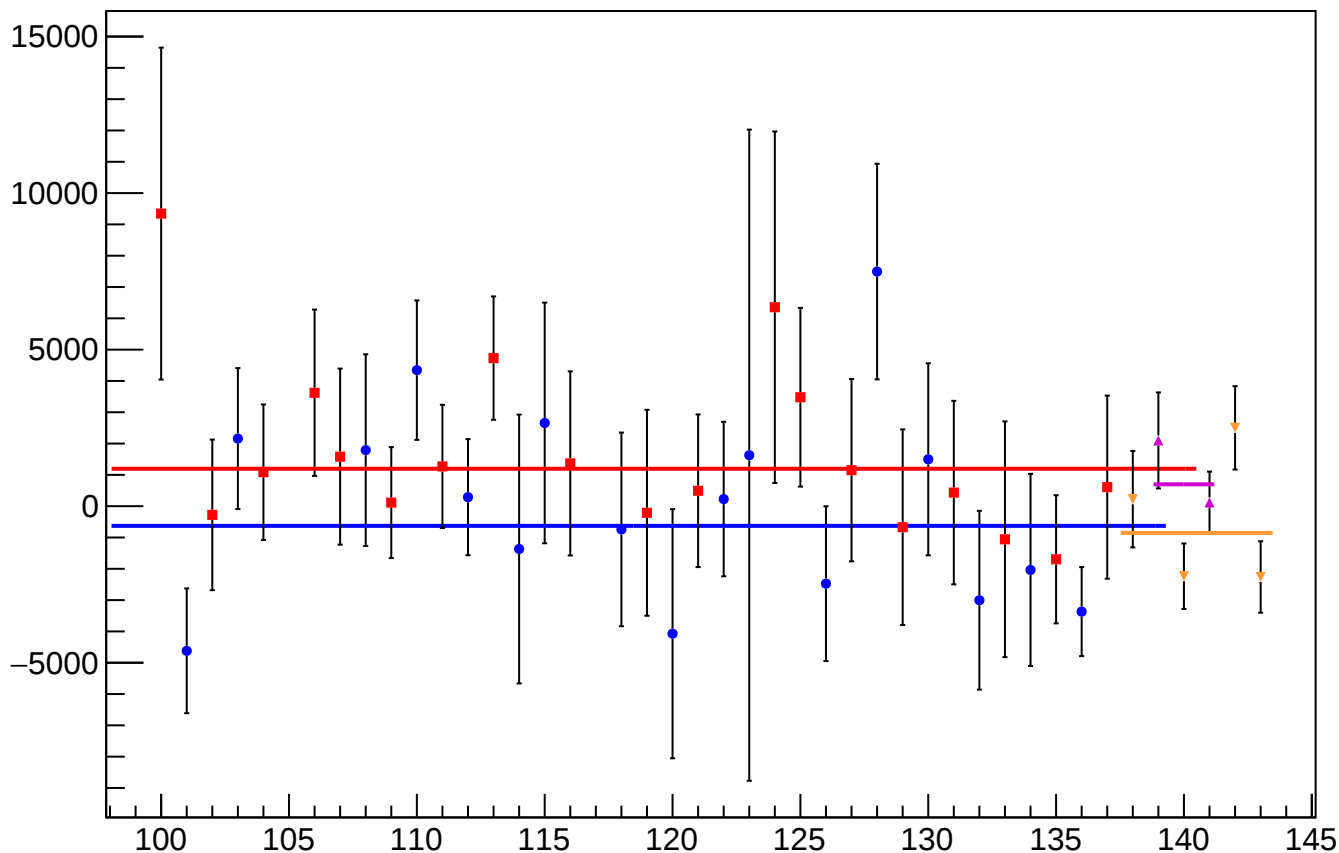
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 130.180 $\pm$ 0.033 χ^2 /NDF: 1109399.7/18

Out: 132.178 $\pm$ 0.031 χ^2 /NDF: 1152862.7/22

All: 131.239 $\pm$ 0.023 χ^2 /NDF: 2264160.0/41

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -852.857+/-612.222 χ^2/NDF : 10.1/3

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: -305.060+/-492.373 χ^2/NDF : 13.6/5

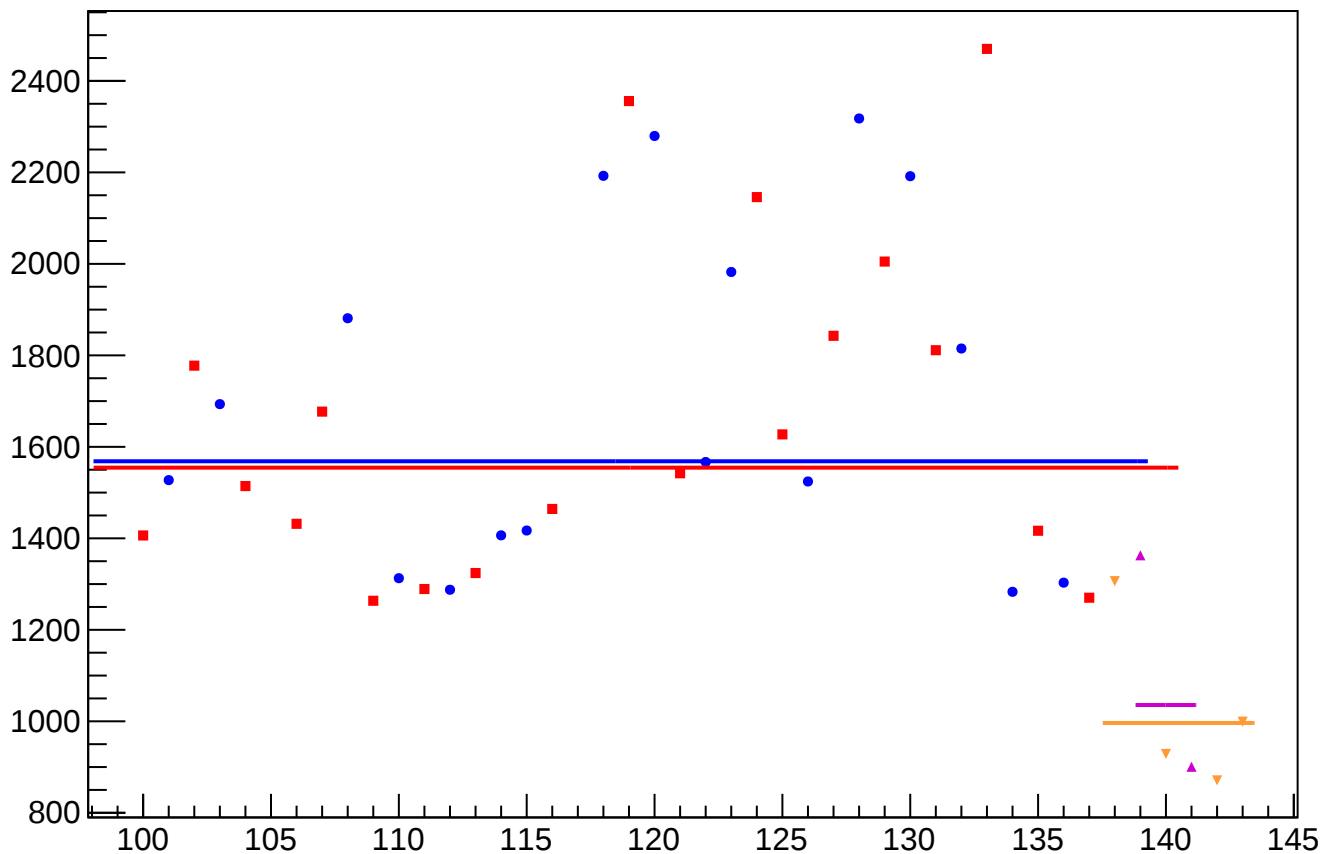
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -150.594+/-497.154 χ^2/NDF : 27.1/18

Out: 199.712+/-426.940 χ^2/NDF : 27.6/22

All: 51.023+/-323.896 χ^2/NDF : 55.0/41

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 996.393+/-0.433 χ^2/NDF : 107155.0/3

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: 1010.246+/-0.348 χ^2/NDF : 238762.0/5

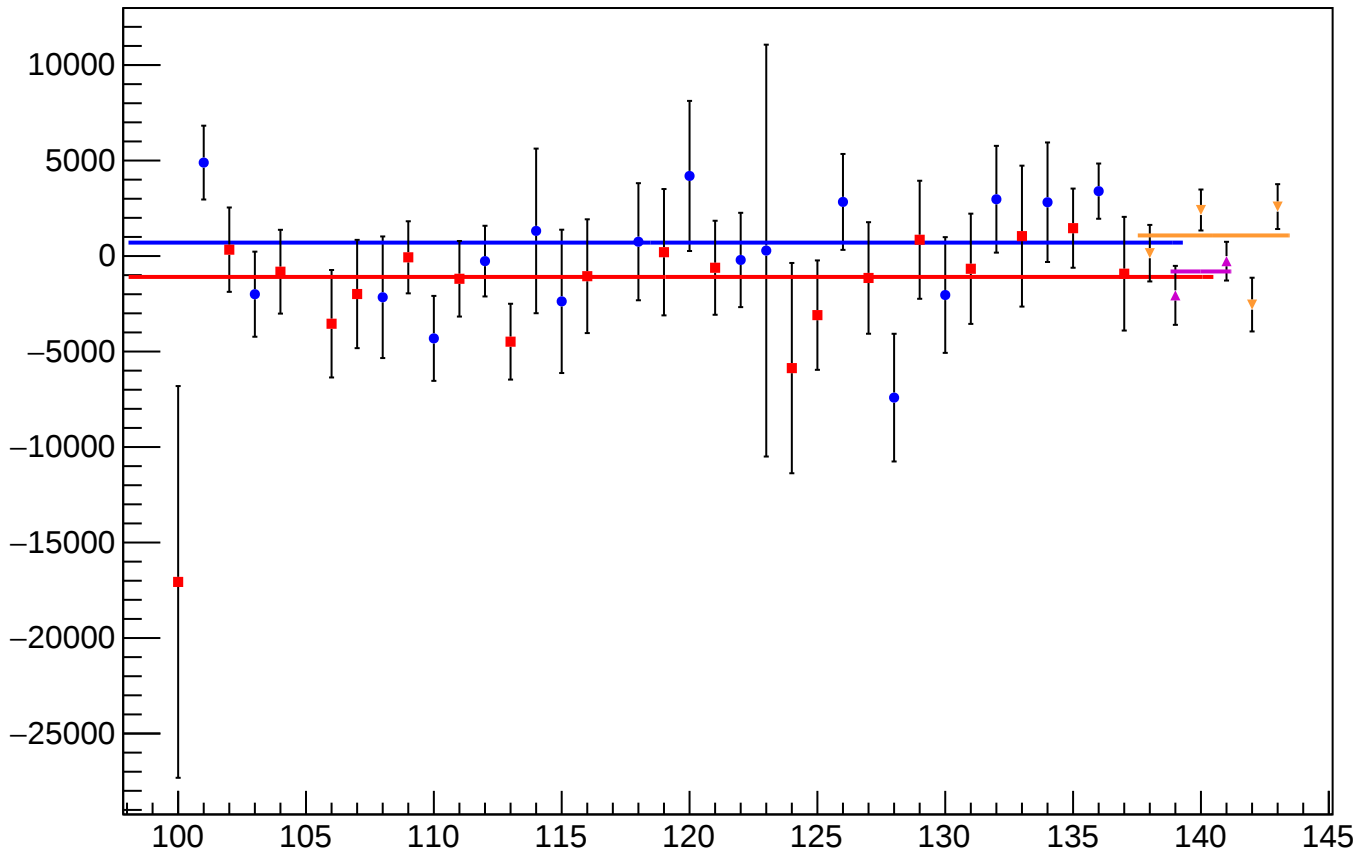
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1376.600+/-0.352 χ^2/NDF : 1192344.1/18

Out: 1283.100+/-0.302 χ^2/NDF : 1473056.7/22

All: 1322.786+/-0.229 χ^2/NDF : 2706115.3/41

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2/NDF : 26.0/16

Left Out: 1078.161 $\pm$ 625.344 χ^2/NDF :10.2/3

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: 413.224 $\pm$ 503.172 χ^2/NDF : 14.4/5

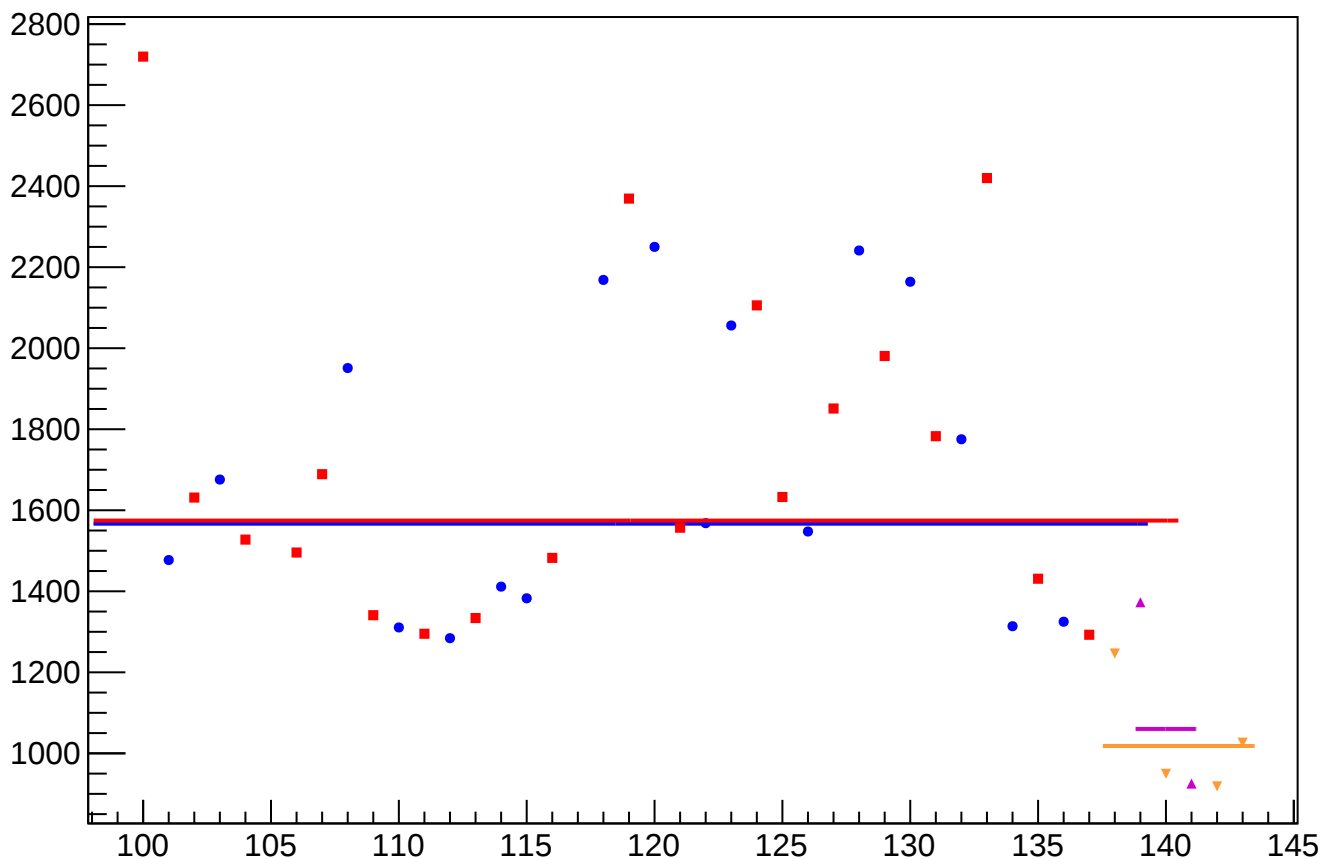
Right: -220.967 $\pm$ 432.555 χ^2/NDF : 40.9/35

In: 175.589 $\pm$ 500.701 χ^2/NDF :29.0/18

Out: -46.980 $\pm$ 434.146 χ^2/NDF :27.1/22

All: 48.539 $\pm$ 328.013 χ^2/NDF : 56.2/41

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 1018.189 $\pm$ 0.442 χ^2 /NDF: 65923.4/3

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: 1033.015 $\pm$ 0.356 χ^2 /NDF: 186596.0/5

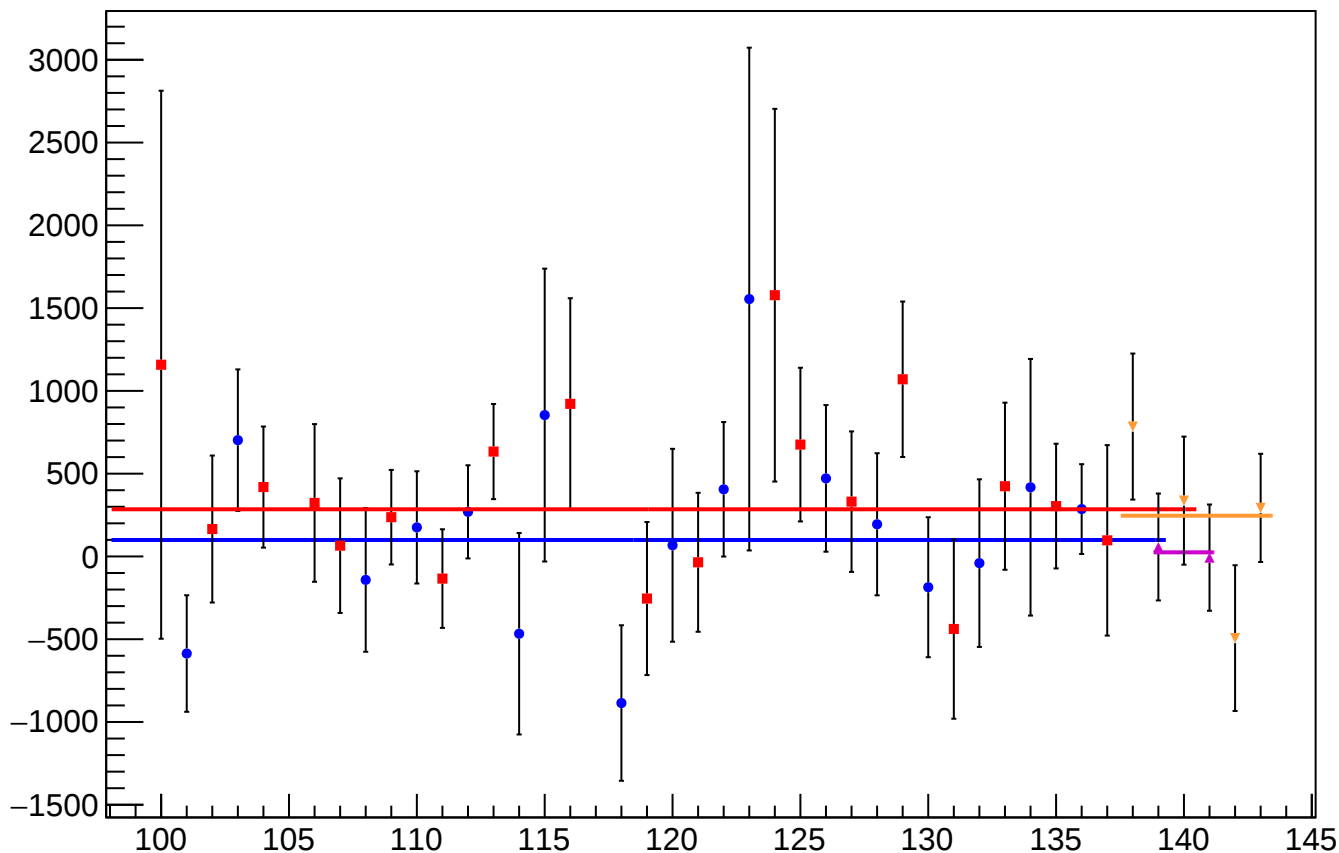
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1390.044 $\pm$ 0.354 χ^2 /NDF: 1082742.8/18

Out: 1306.379 $\pm$ 0.307 χ^2 /NDF: 1350202.7/22

All: 1342.285 $\pm$ 0.232 χ^2 /NDF: 2464821.5/41

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387+/-103.463 χ^2/NDF : 15.9/16

Left Out: 246.127+/-194.806 χ^2/NDF : 4.4/3

Right Out: 284.883+/-97.709 χ^2/NDF : 14.0/18

Left In: 24.766+/-227.625 χ^2/NDF : 0.0/1

Left: 152.541+/-148.004 χ^2/NDF : 5.0/5

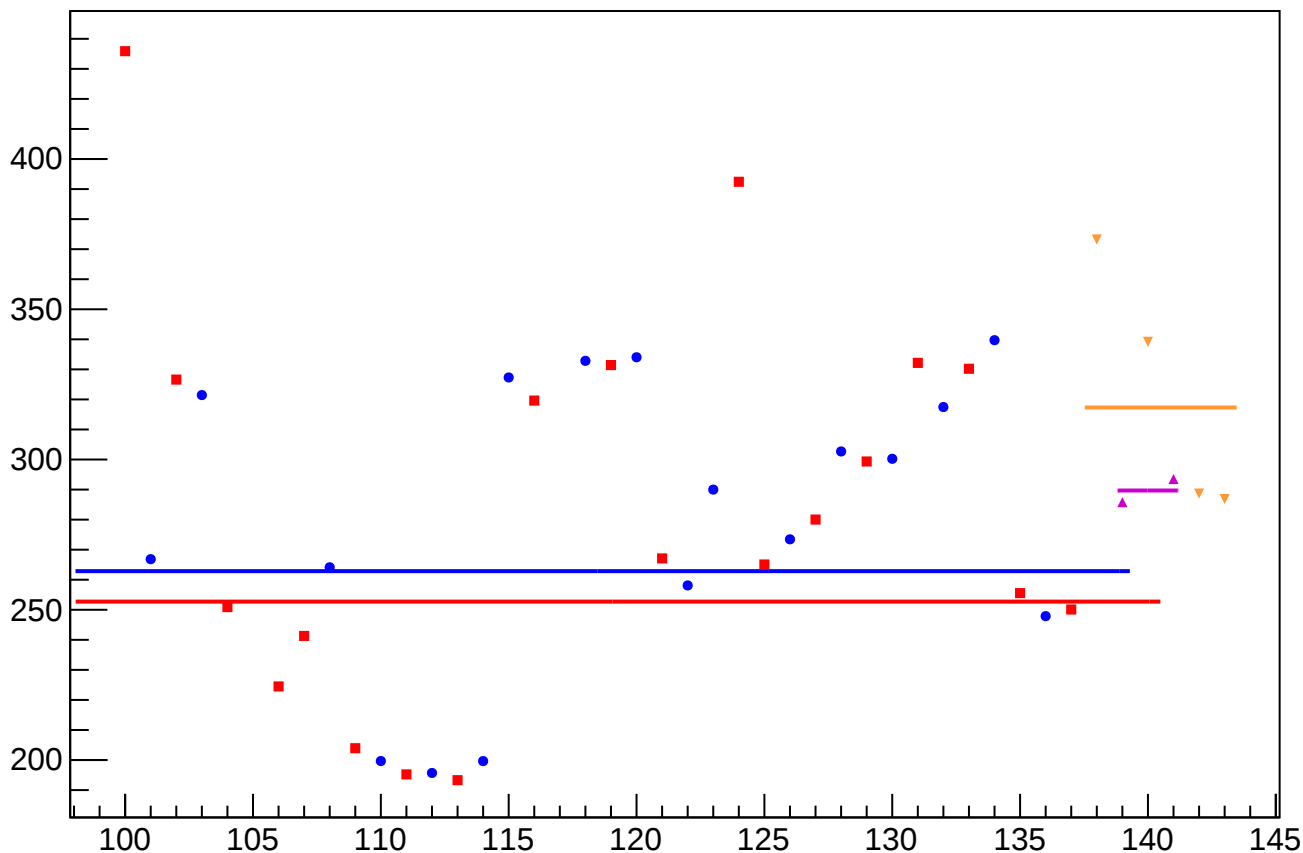
Right: 197.437+/-71.038 χ^2/NDF : 31.6/35

In: 86.610+/-94.190 χ^2/NDF : 16.0/18

Out: 277.093+/-87.339 χ^2/NDF : 18.4/22

All: 189.030+/-64.043 χ^2/NDF : 36.6/41

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 317.321+/-0.138 χ^2/NDF : 64385.2/3

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: 305.639+/-0.105 χ^2/NDF : 81967.4/5

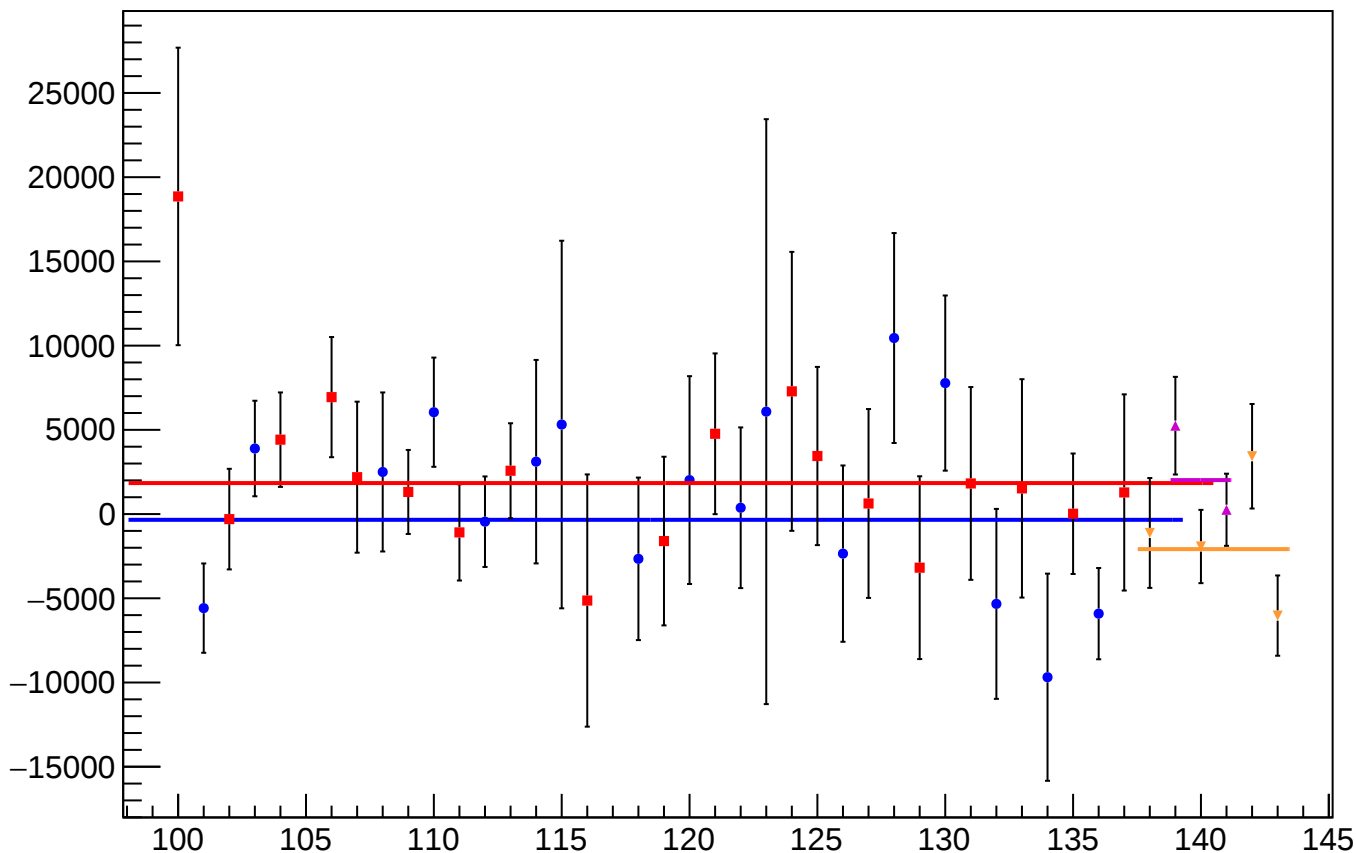
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 267.451+/-0.067 χ^2/NDF : 435303.7/18

Out: 265.705+/-0.062 χ^2/NDF : 779845.1/22

All: 266.512+/-0.045 χ^2/NDF : 1215518.3/41

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2080.543 ± 1307.202 $\chi^2/\text{NDF}: 6.0/3$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 2017.563 ± 1722.814 $\chi^2/\text{NDF}: 1.9/1$

Left: -583.226 ± 1041.367 $\chi^2/\text{NDF}: 11.5/5$

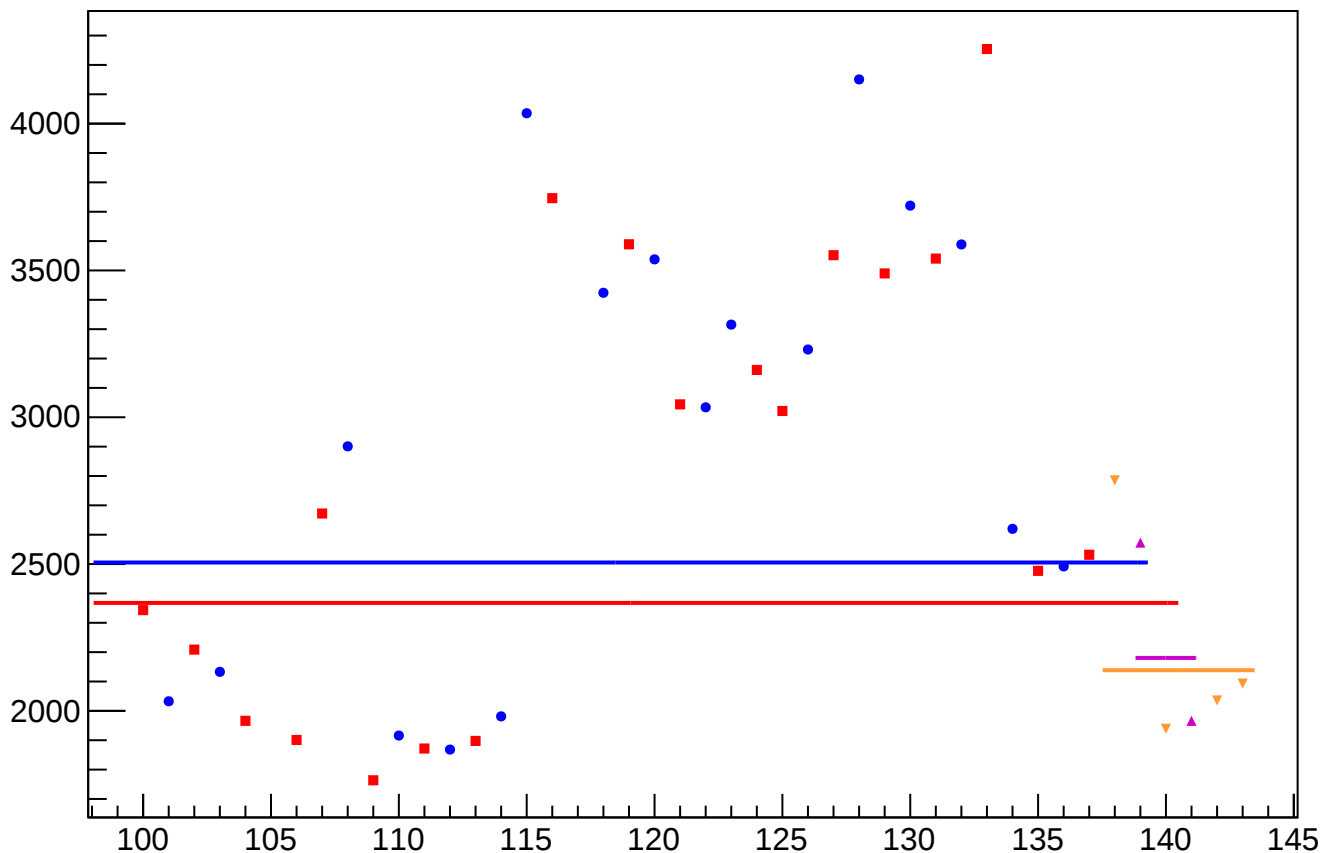
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 257.102 ± 867.857 $\chi^2/\text{NDF}: 27.7/18$

Out: 532.768 ± 754.939 $\chi^2/\text{NDF}: 23.7/22$

All: 414.024 ± 569.590 $\chi^2/\text{NDF}: 51.5/41$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2138.442 $\pm$ 0.924 χ^2 /NDF:98404.6/3

Right Out: 2367.730 $\pm$ 0.654 χ^2 /NDF: 1030895.6/18

Left In: 2180.345 $\pm$ 1.218 χ^2 /NDF:56723.4/1

Left: 2153.752 $\pm$ 0.736 χ^2 /NDF: 155878.8/5

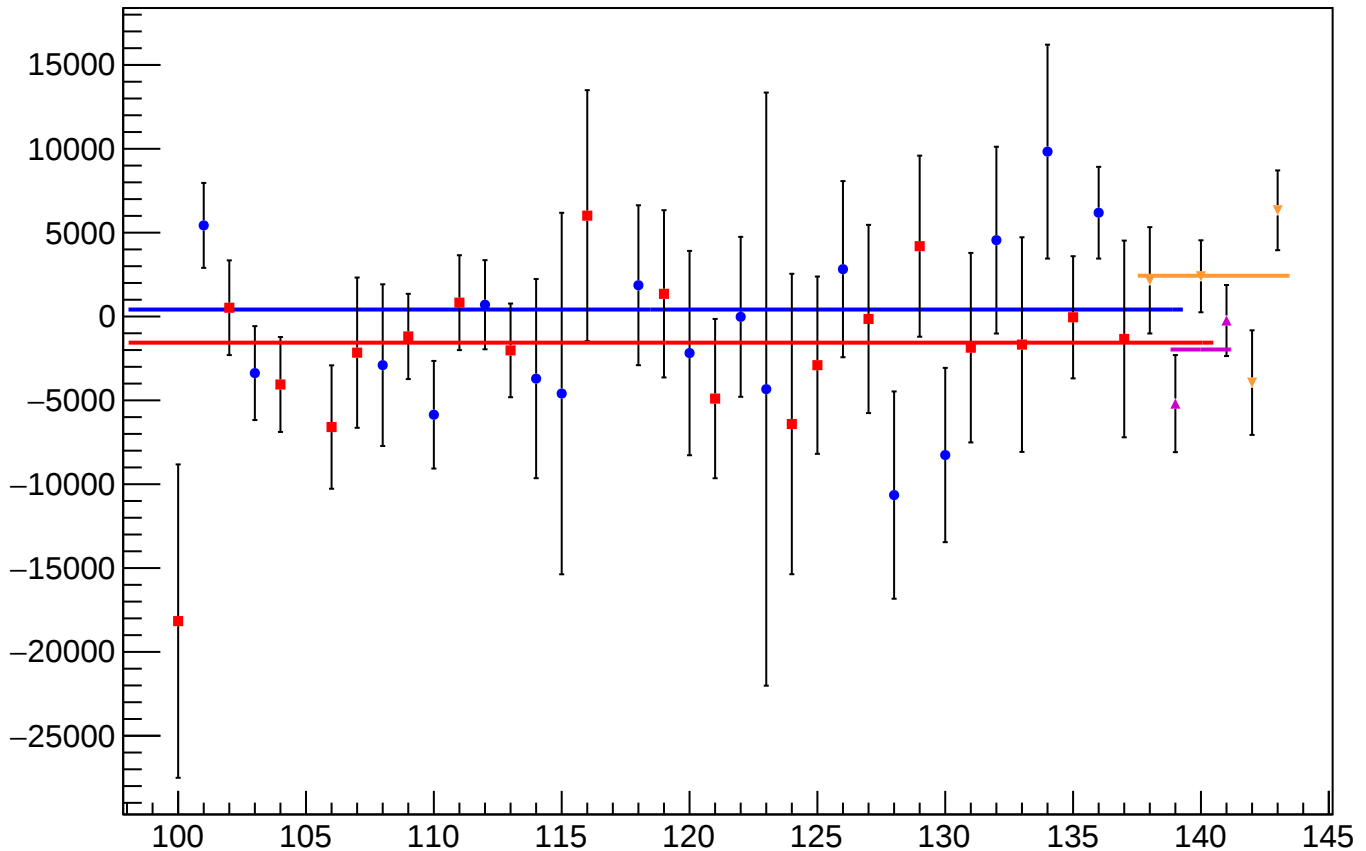
Right: 2430.842 $\pm$ 0.481 χ^2 /NDF: 1915339.5/35

In: 2422.862 $\pm$ 0.614 χ^2 /NDF:973964.8/18

Out: 2291.255 $\pm$ 0.534 χ^2 /NDF:1170309.8/22

All: 2347.945 $\pm$ 0.403 χ^2 /NDF: 2170455.9/41

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 2431.414+/-1295.121 χ^2/NDF : 6.9/3

Right Out: -1558.787+/-924.438 χ^2/NDF : 10.7/18

Left In: -1967.795+/-1709.948 χ^2/NDF : 1.9/1

Left: 827.732+/-1032.416 χ^2/NDF : 13.0/5

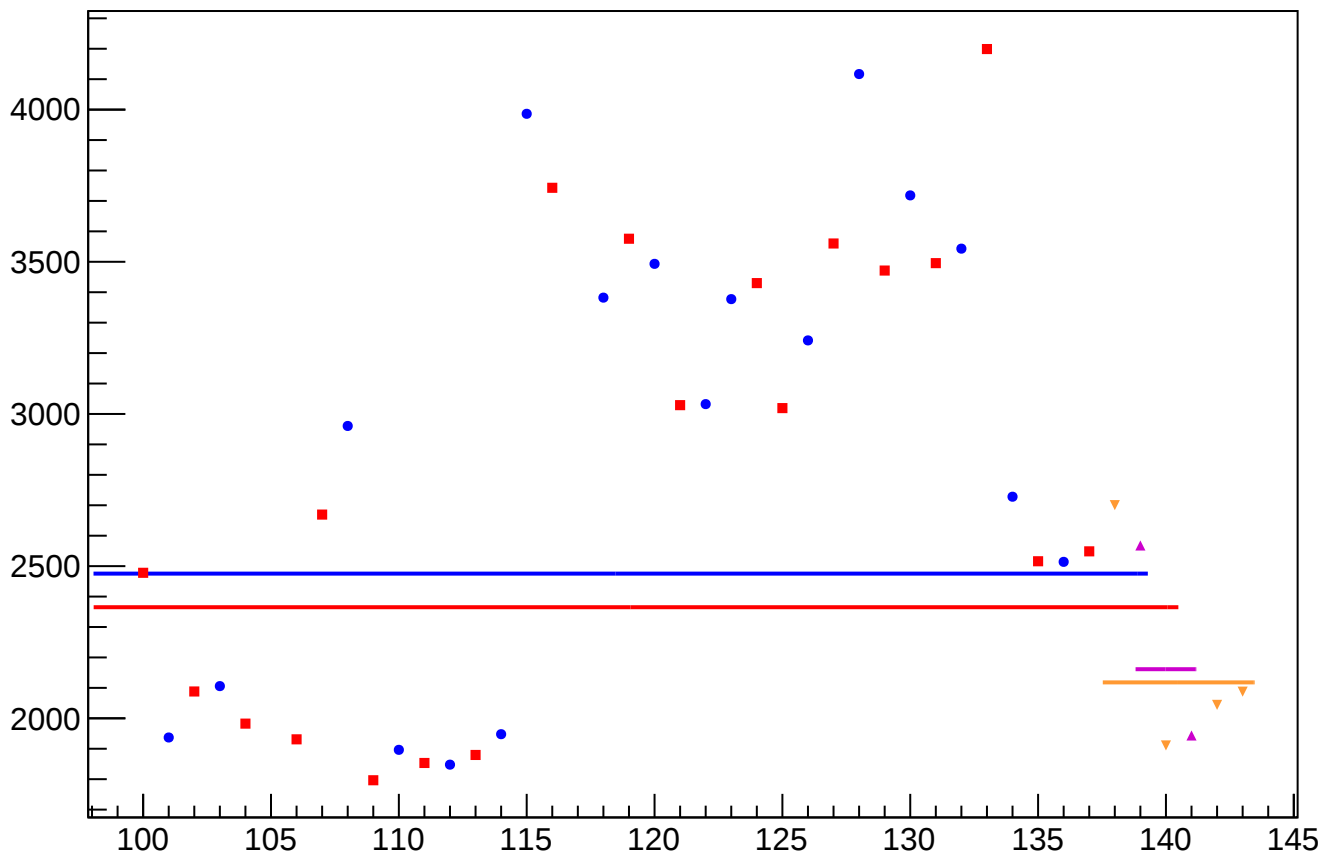
Right: -644.015+/-677.222 χ^2/NDF : 37.3/35

In: -187.234+/-859.944 χ^2/NDF : 27.9/18

Out: -211.996+/-752.424 χ^2/NDF : 23.9/22

All: -201.259+/-566.266 χ^2/NDF : 51.7/41

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2118.026+/-0.916 χ^2/NDF : 87574.5/3

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: 2133.825+/-0.730 χ^2/NDF : 148947.2/5

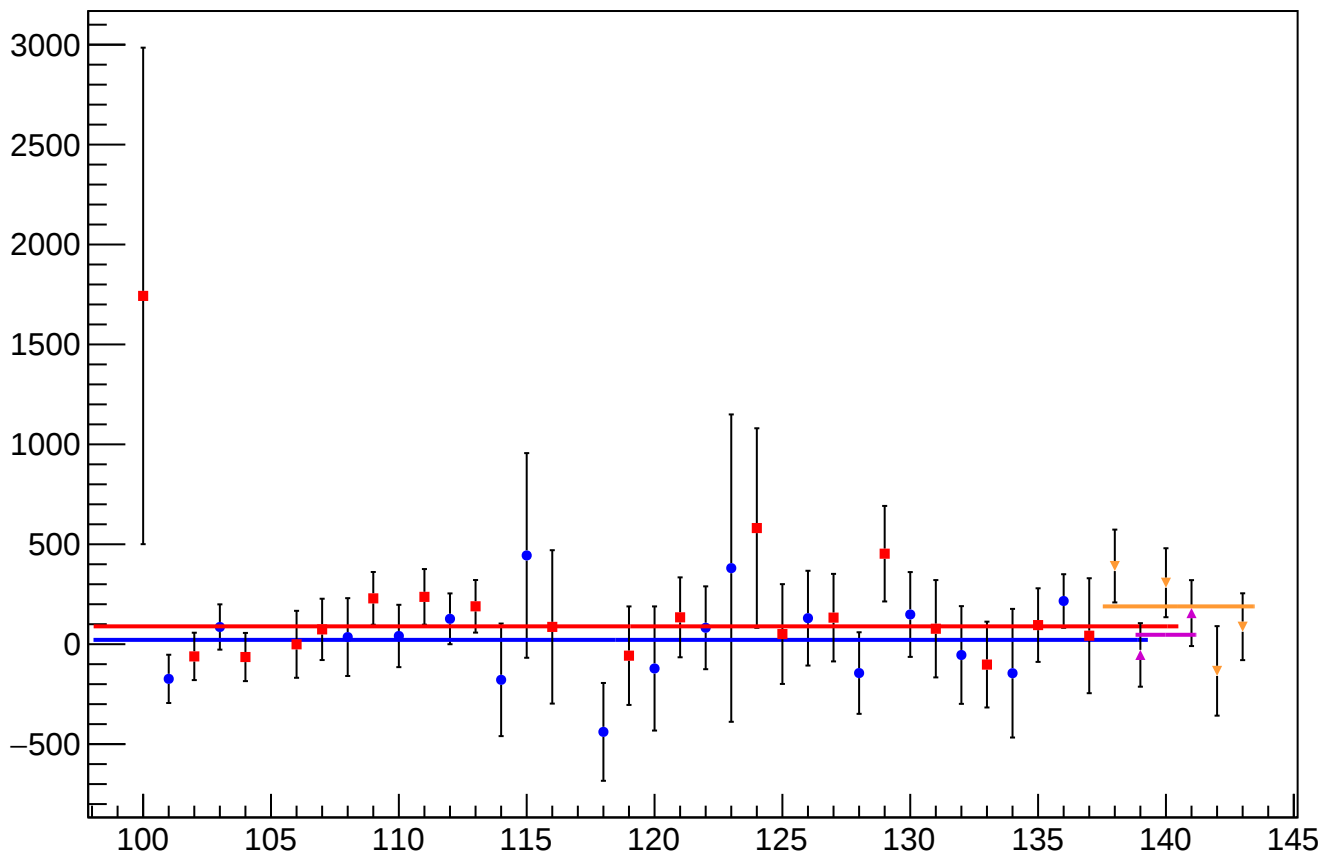
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2396.002+/-0.608 χ^2/NDF : 1024036.5/18

Out: 2281.657+/-0.532 χ^2/NDF : 1162937.4/22

All: 2331.238+/-0.400 χ^2/NDF : 2207001.8/41

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 189.129 $\pm$ 91.506 χ^2 /NDF:4.1/3

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: 133.749 $\pm$ 71.475 χ^2 /NDF: 5.9/5

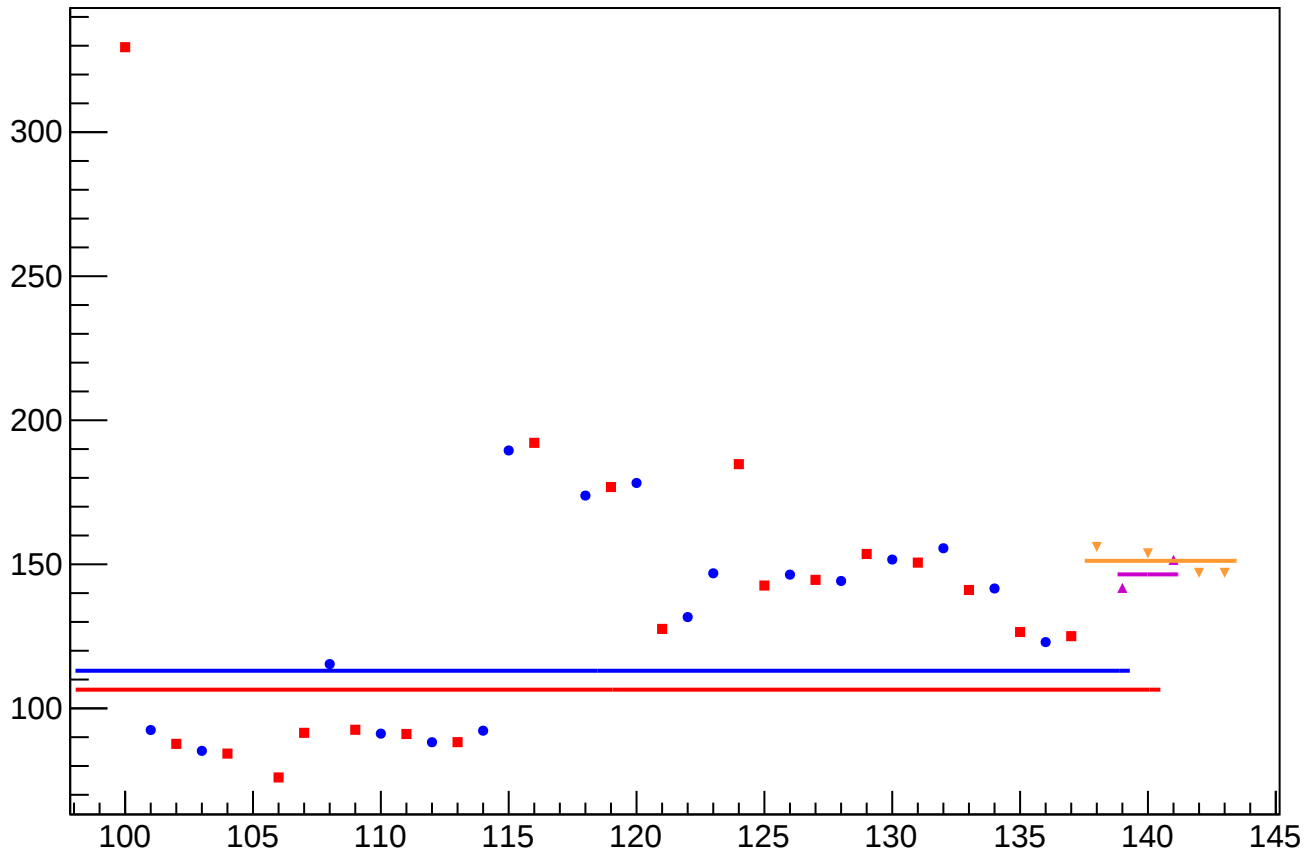
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 25.075 $\pm$ 42.006 χ^2 /NDF:13.5/18

Out: 106.547 $\pm$ 38.023 χ^2 /NDF:17.8/22

All: 69.856 $\pm$ 28.190 χ^2 /NDF: 33.4/41

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 151.207+/-0.065 χ^2/NDF : 3786.2/3

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 146.505+/-0.081 χ^2/NDF : 3605.0/1

Left: 149.374+/-0.051 χ^2/NDF : 9449.9/5

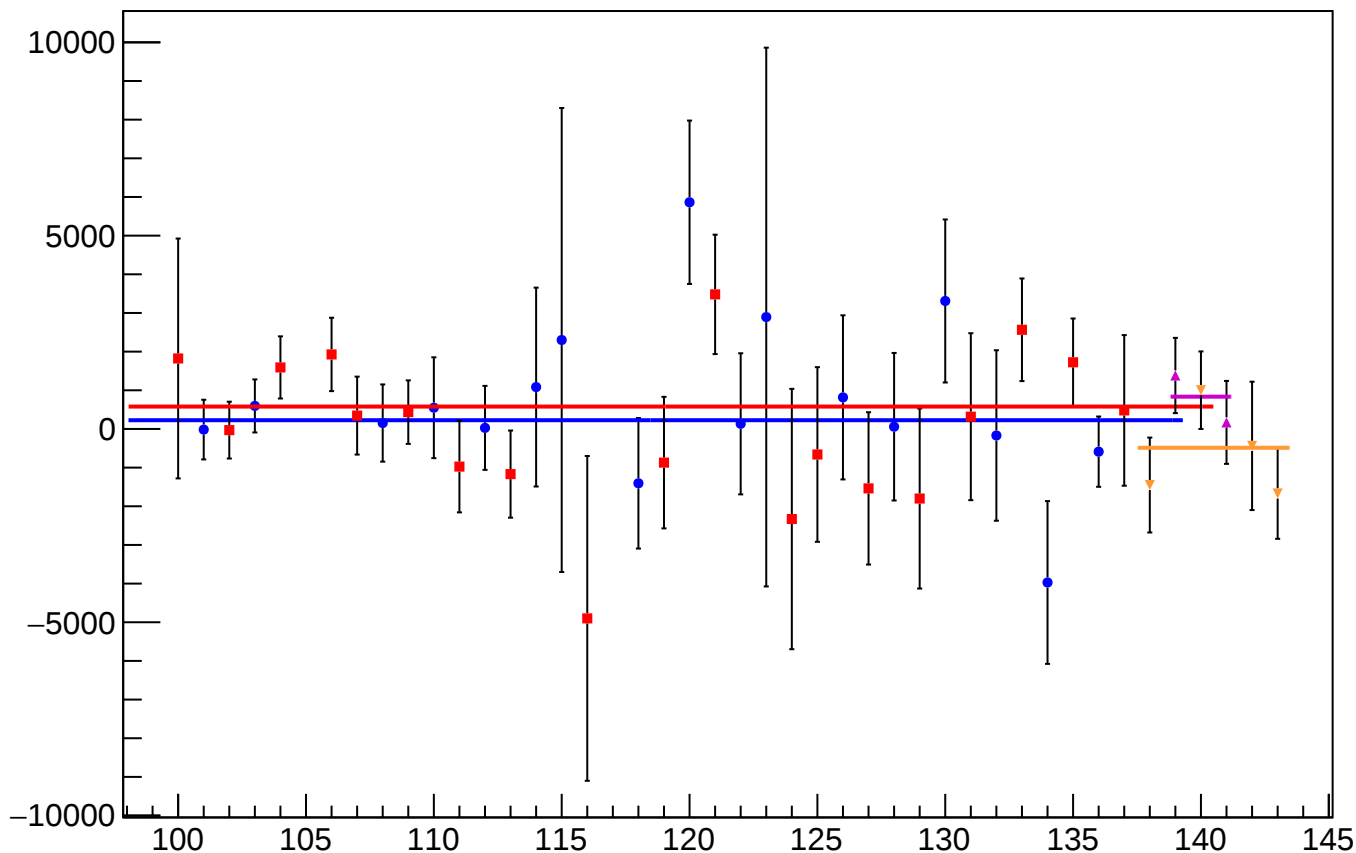
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 117.563+/-0.030 χ^2/NDF : 972160.6/18

Out: 114.213+/-0.027 χ^2/NDF : 1415097.9/22

All: 115.722+/-0.020 χ^2/NDF : 2394249.3/41

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -486.883 $\pm$ 603.236 χ^2 /NDF:3.8/3

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: 57.416 $\pm$ 462.661 χ^2 /NDF: 6.5/5

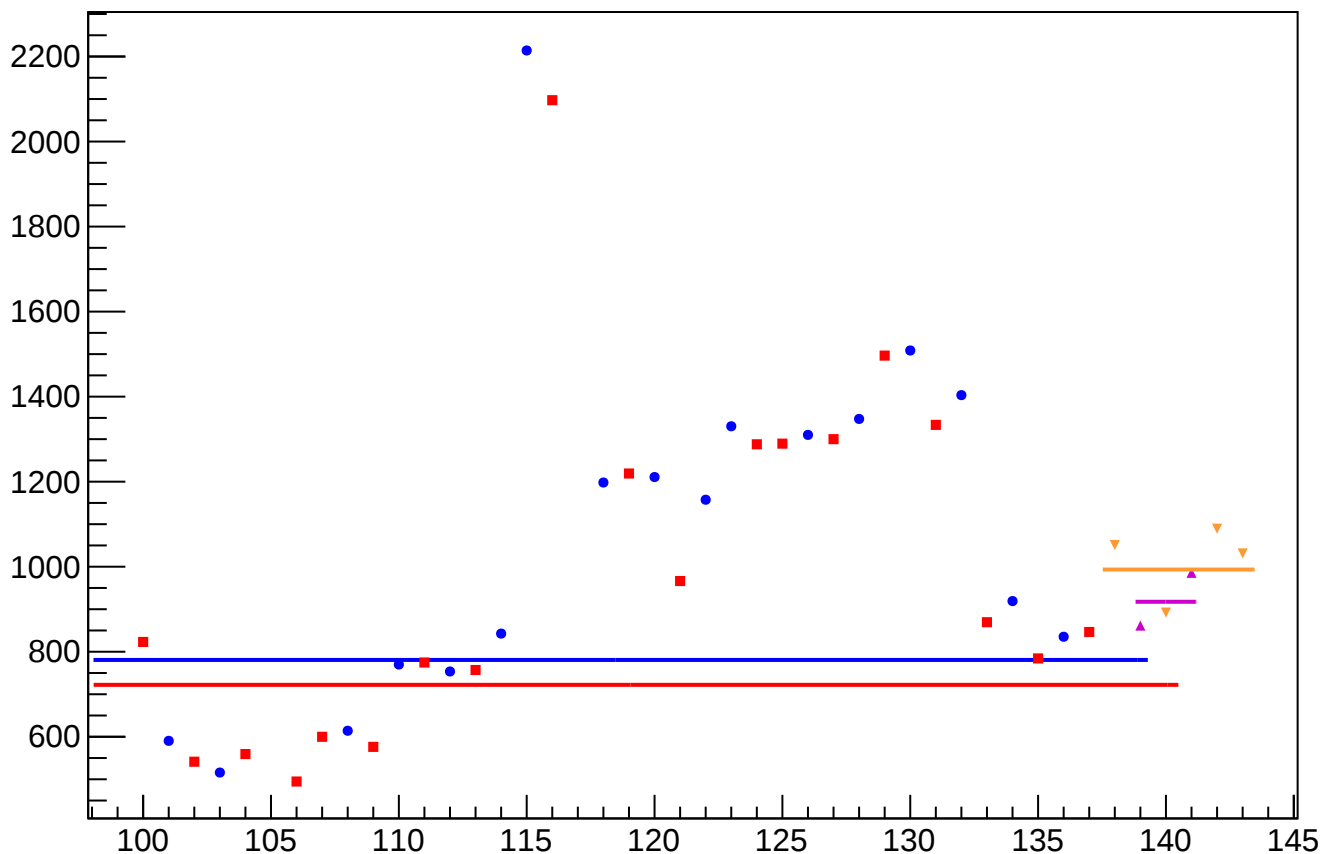
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 326.652 $\pm$ 293.564 χ^2 /NDF:17.3/18

Out: 379.778 $\pm$ 260.806 χ^2 /NDF:27.5/22

All: 356.344 $\pm$ 194.975 χ^2 /NDF: 44.8/41

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 993.318+/-0.427 χ^2/NDF :33583.1/3

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: 962.106+/-0.327 χ^2/NDF : 61262.8/5

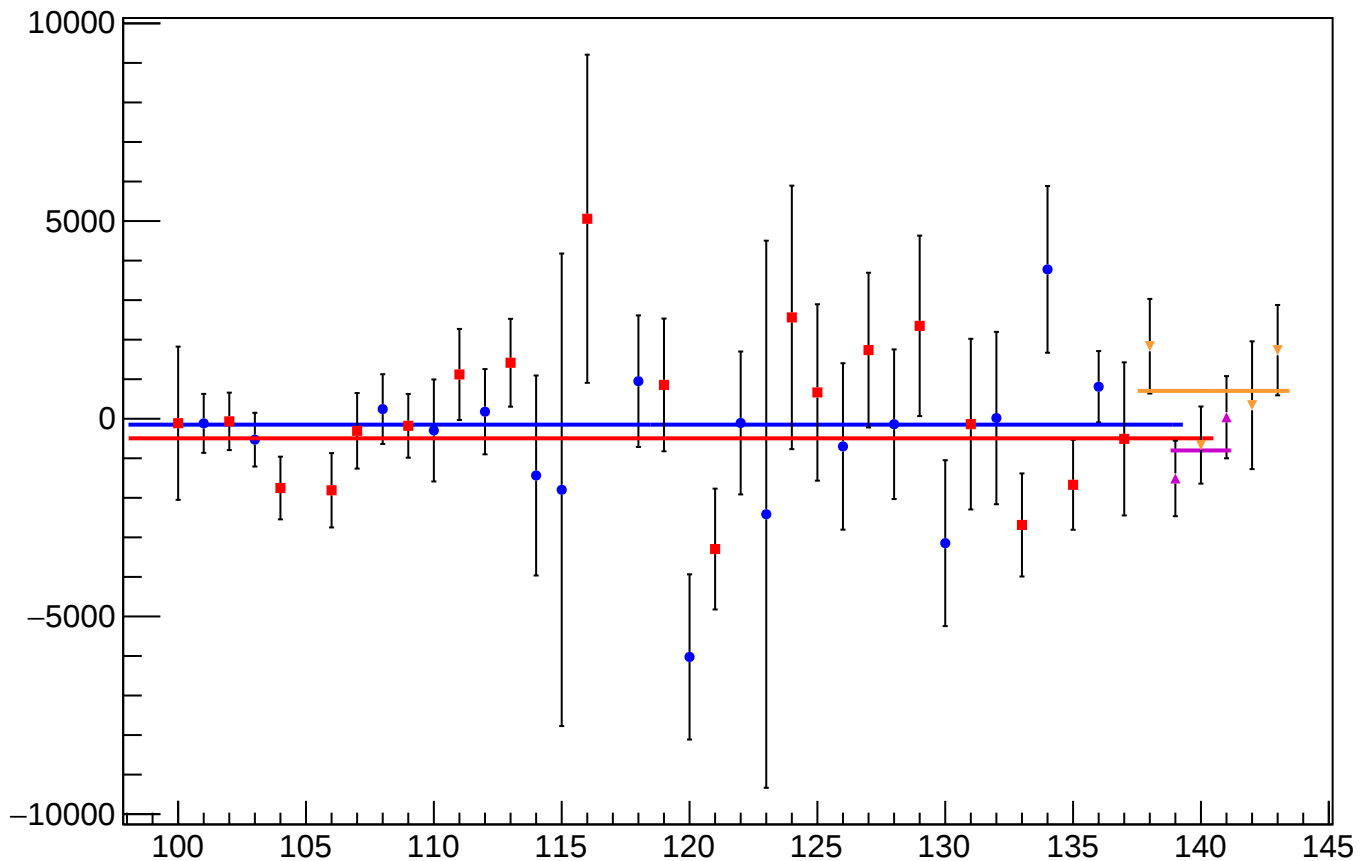
Right: 748.347+/-0.152 χ^2/NDF : 3274944.8/35

In: 803.382+/-0.208 χ^2/NDF :1684265.7/18

Out: 772.836+/-0.184 χ^2/NDF :1990947.3/22

All: 786.310+/-0.138 χ^2/NDF : 3687315.1/41

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 704.596+/-587.457 χ^2/NDF : 3.7/3

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: 85.172+/-450.773 χ^2/NDF : 7.6/5

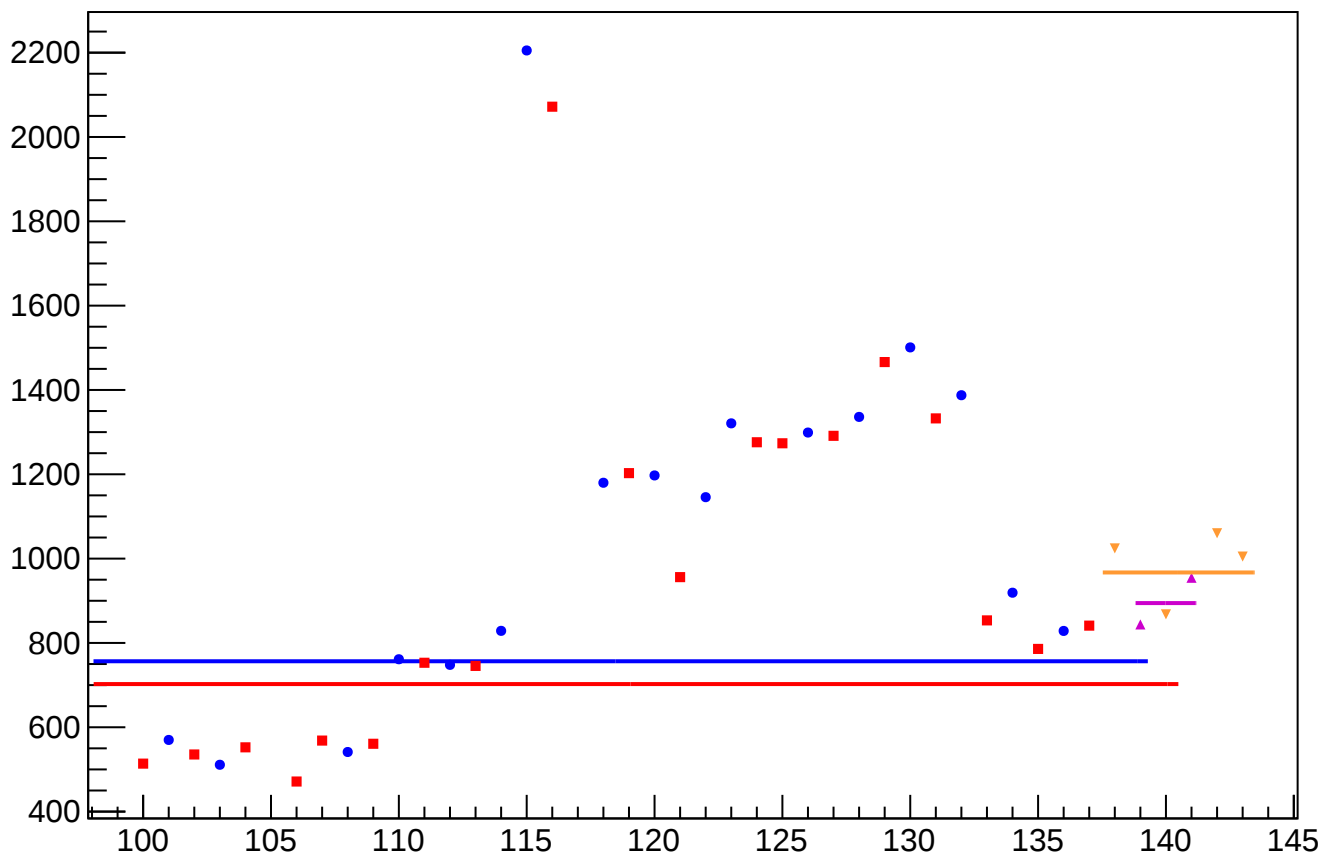
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -257.118+/-285.908 χ^2/NDF : 18.0/18

Out: -269.291+/-254.754 χ^2/NDF : 30.8/22

All: -263.903+/-190.203 χ^2/NDF : 48.8/41

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 967.144+/-0.415 χ^2/NDF : 34093.6/3

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 894.528+/-0.497 χ^2/NDF : 12309.8/1

Left: 937.284+/-0.319 χ^2/NDF : 58969.6/5

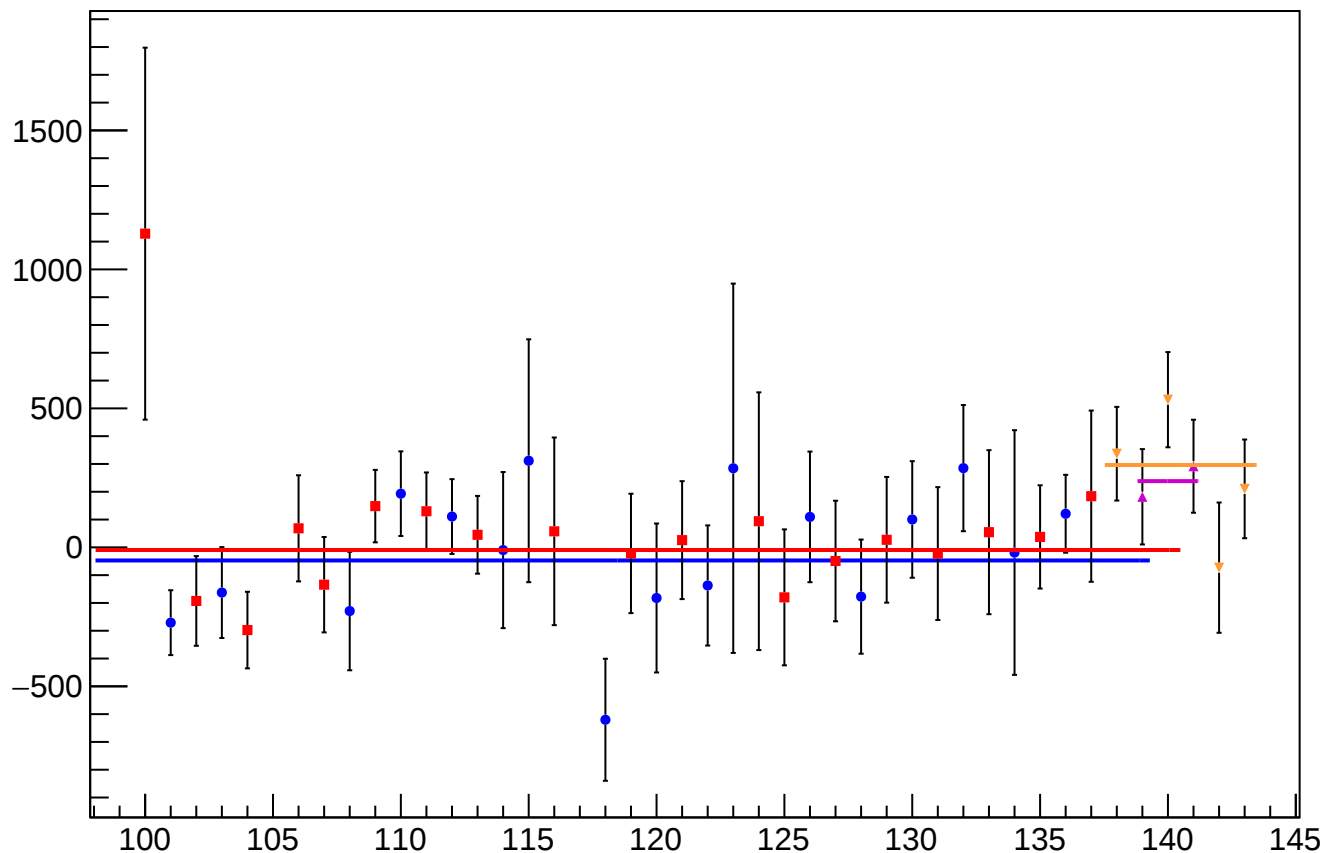
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 779.366+/-0.202 χ^2/NDF : 1790269.9/18

Out: 752.223+/-0.180 χ^2/NDF : 2053180.8/22

All: 764.235+/-0.134 χ^2/NDF : 3853498.8/41

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 296.182 ± 91.574 χ^2/NDF : 4.7/3

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: 274.817 ± 72.746 χ^2/NDF : 5.0/5

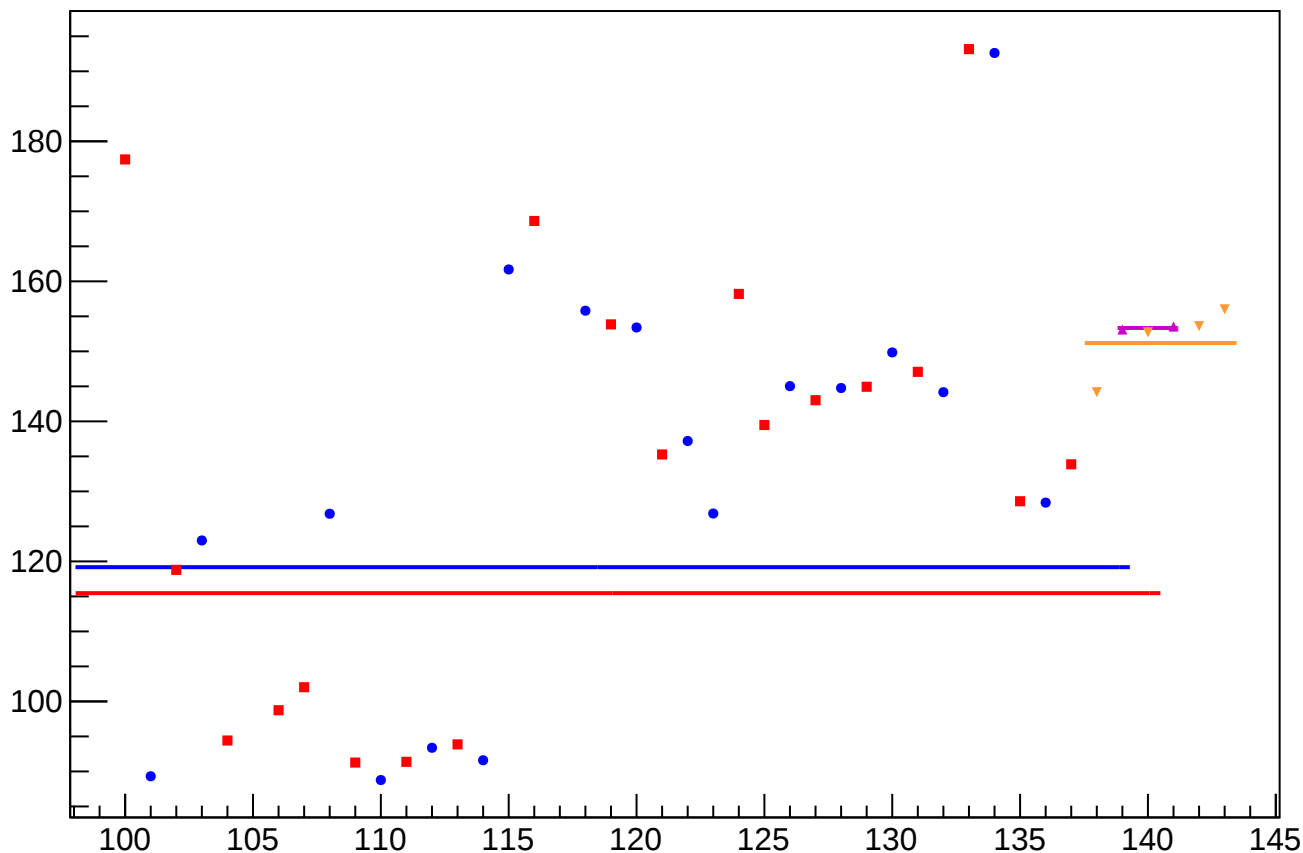
Right: -27.302 ± 32.497 χ^2/NDF : 35.3/35

In: -8.689 ± 43.968 χ^2/NDF : 27.0/18

Out: 49.418 ± 40.205 χ^2/NDF : 26.7/22

All: 22.957 ± 29.671 χ^2/NDF : 54.7/41

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 151.195 $\pm$ 0.065 χ^2 /NDF:5315.8/3

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 153.339 $\pm$ 0.085 χ^2 /NDF:6.3/1

Left: 151.986 $\pm$ 0.051 χ^2 /NDF: 5726.5/5

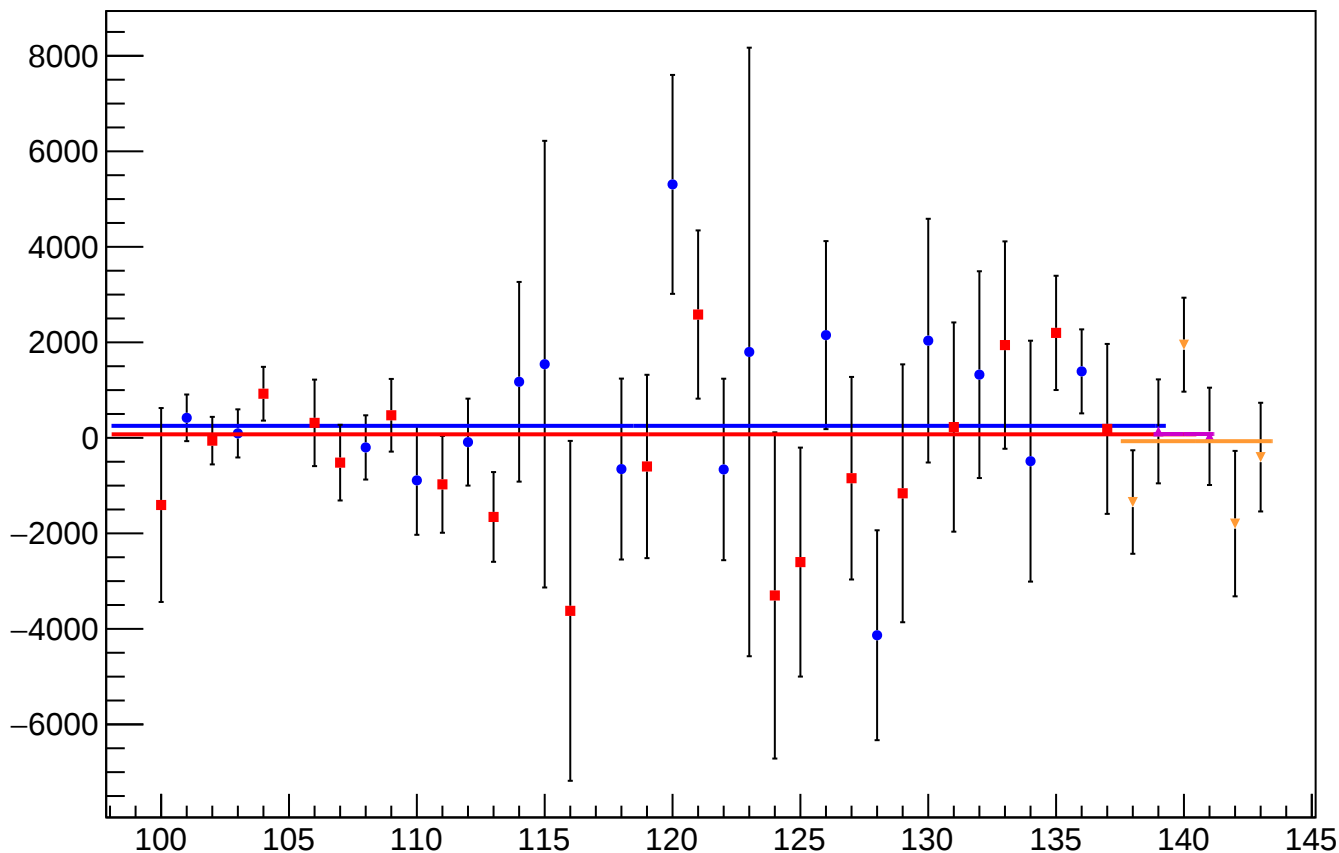
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 123.780 $\pm$ 0.031 χ^2 /NDF:756116.0/18

Out: 122.353 $\pm$ 0.028 χ^2 /NDF:943871.1/22

All: 123.003 $\pm$ 0.021 χ^2 /NDF: 1701133.5/41

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: -69.518+/-569.117 χ^2/NDF : 7.0/3

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: -14.152+/-452.034 χ^2/NDF : 7.0/5

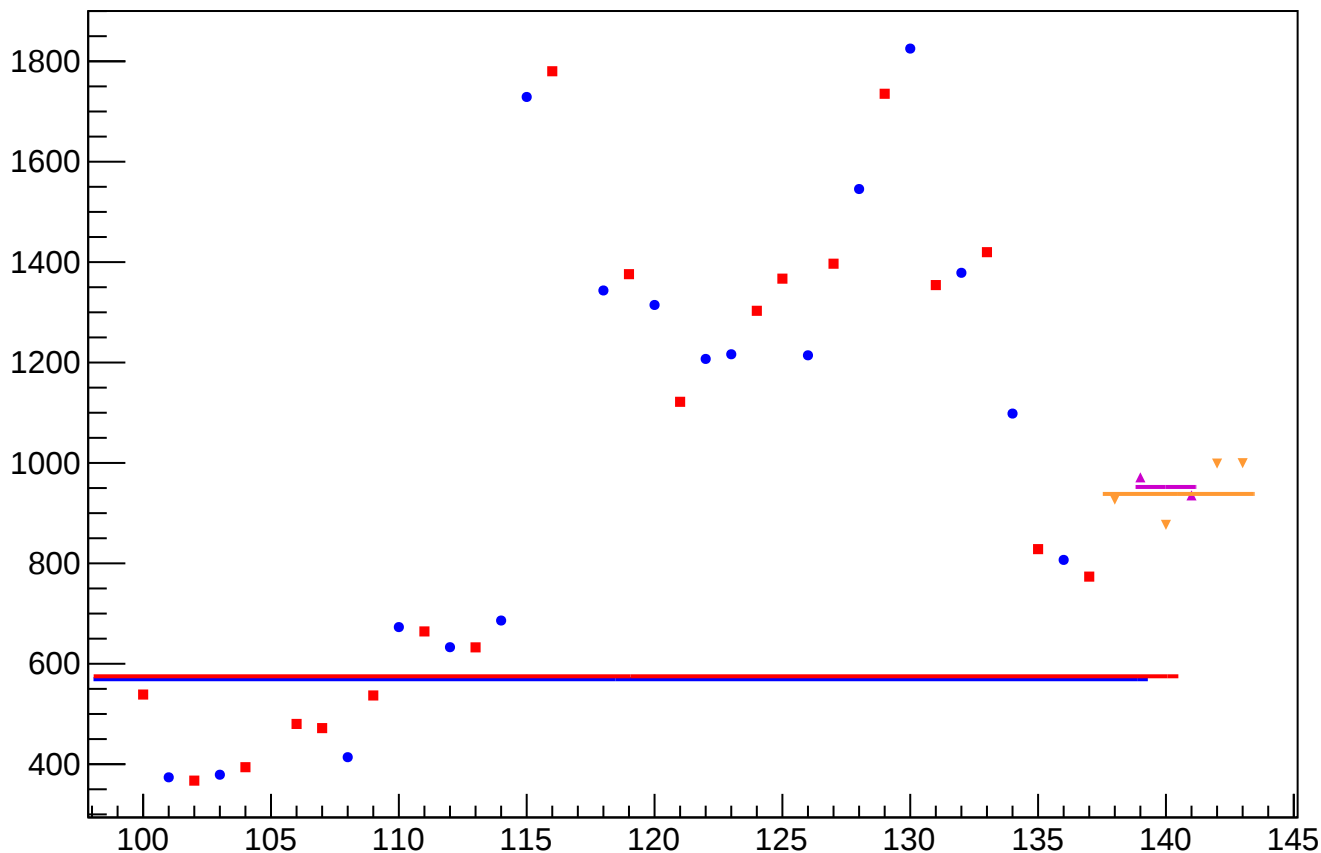
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 234.005+/-239.377 χ^2/NDF : 14.9/18

Out: 51.827+/-224.233 χ^2/NDF : 25.0/22

All: 136.971+/-163.649 χ^2/NDF : 40.3/41

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 938.290 $\pm$ 0.402 χ^2 /NDF: 16990.8/3

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 952.166 $\pm$ 0.526 χ^2 /NDF: 1161.6/1

Left: 943.412 $\pm$ 0.320 χ^2 /NDF: 18591.3/5

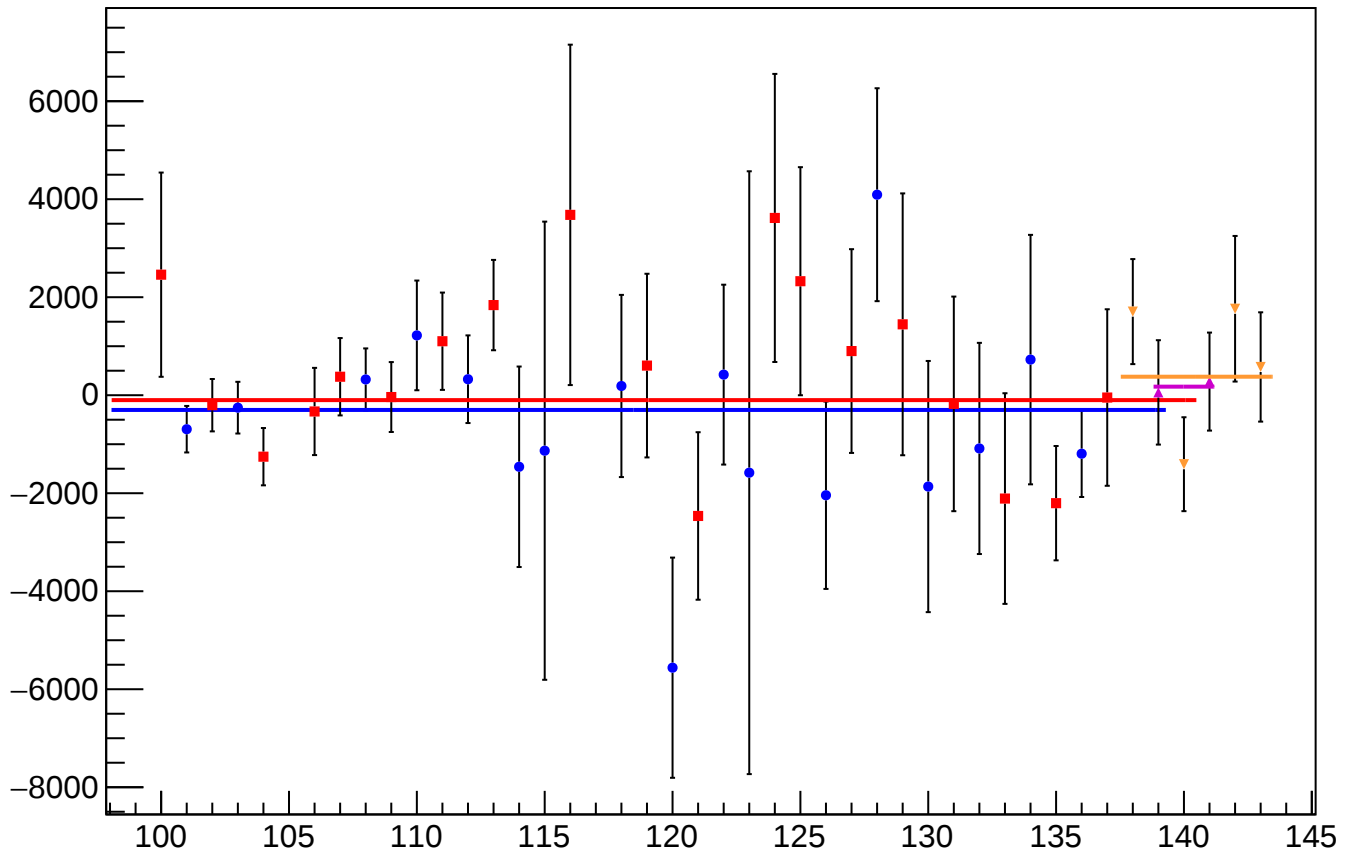
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 608.842 $\pm$ 0.169 χ^2 /NDF: 3743253.4/18

Out: 631.439 $\pm$ 0.159 χ^2 /NDF: 3764164.3/22

All: 620.878 $\pm$ 0.116 χ^2 /NDF: 7516910.6/41

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652+/-250.302 χ^2/NDF : 16.7/16

Left Out: 377.697+/-557.569 χ^2/NDF : 5.9/3

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: 302.835+/-442.908 χ^2/NDF : 6.0/5

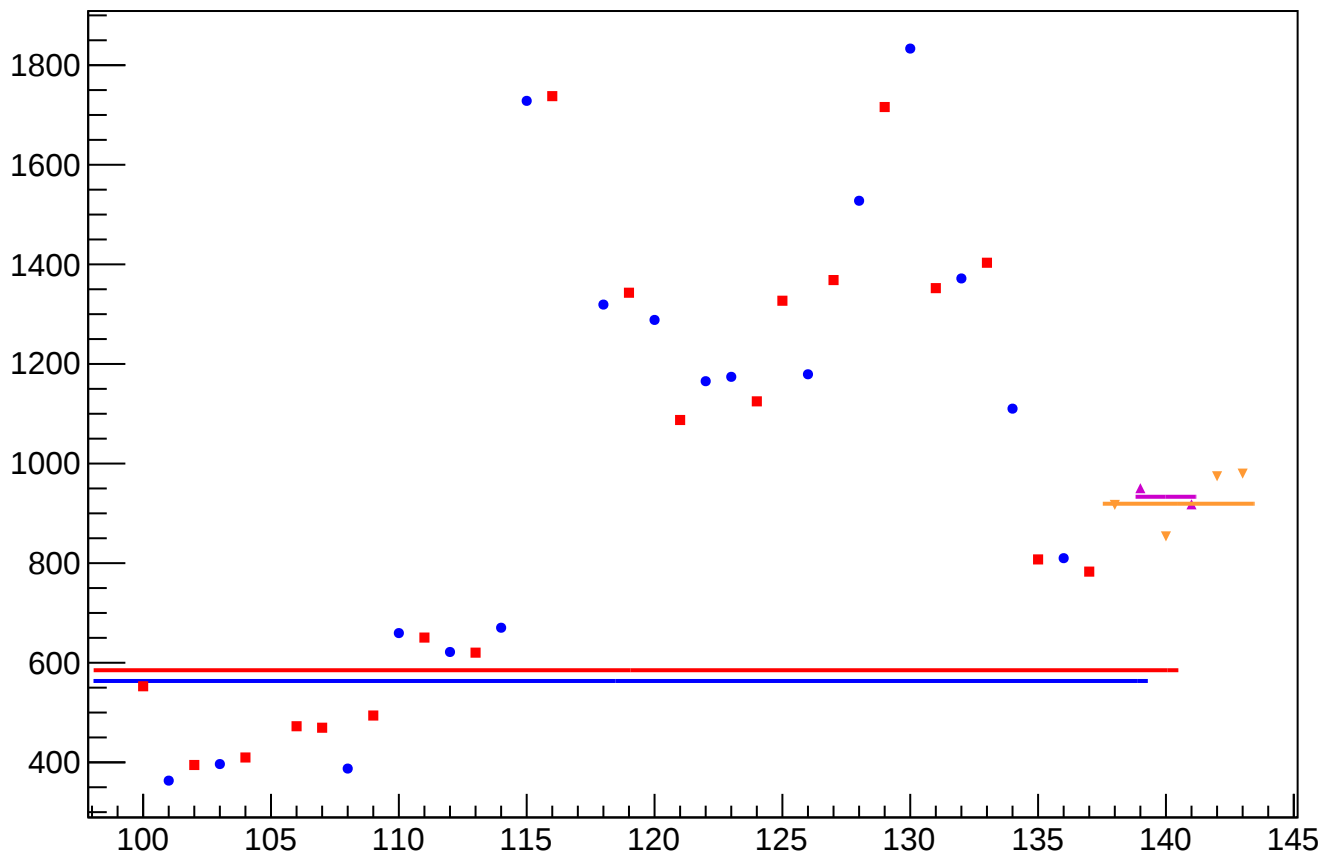
Right: -198.544+/-175.435 χ^2/NDF : 39.4/35

In: -250.526+/-236.741 χ^2/NDF : 17.1/18

Out: -22.140+/-225.038 χ^2/NDF : 28.9/22

All: -130.548+/-163.106 χ^2/NDF : 46.5/41

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 919.339+/-0.394 χ^2/NDF :18006.6/3

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: 924.498+/-0.313 χ^2/NDF : 19452.1/5

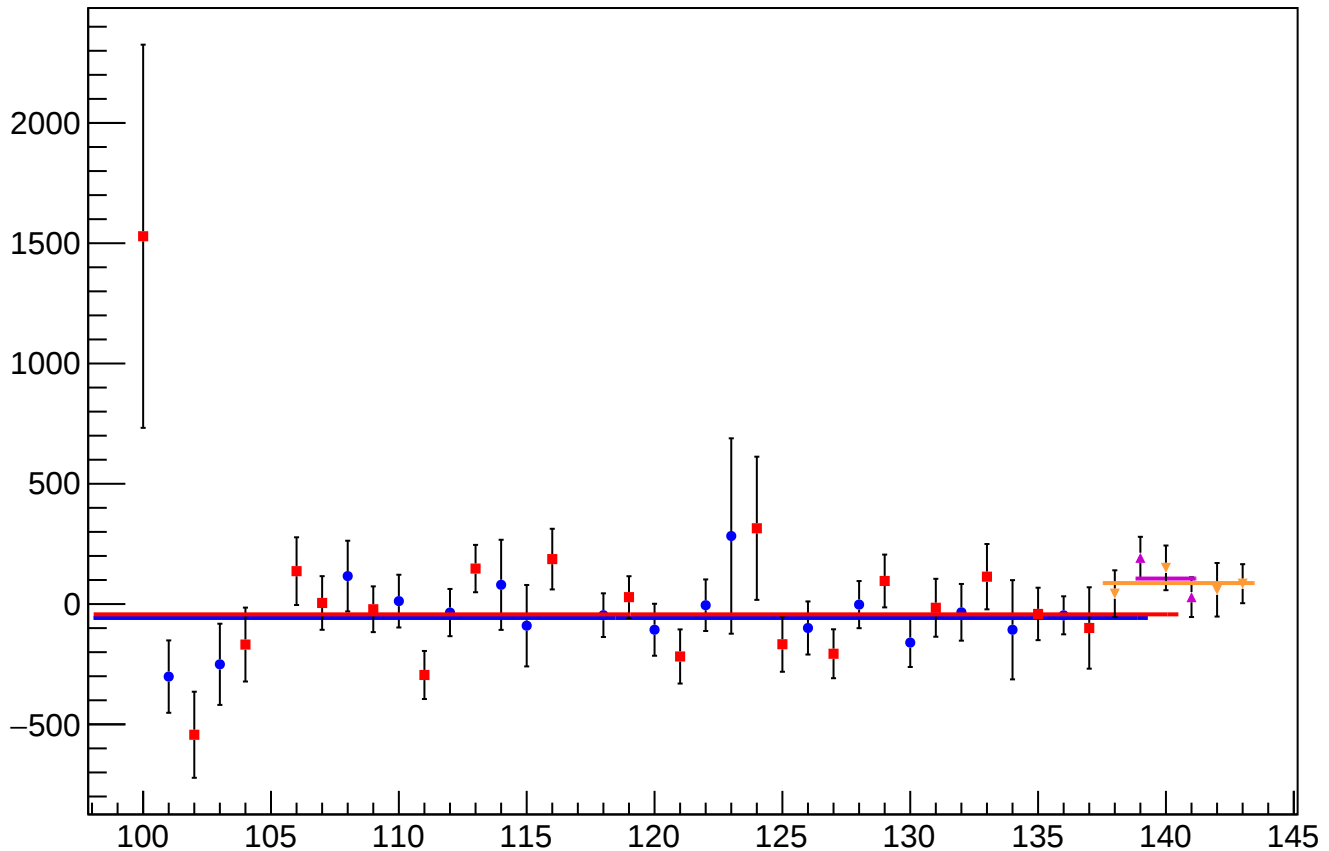
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 602.393+/-0.167 χ^2/NDF :3720577.8/18

Out: 639.449+/-0.159 χ^2/NDF :3438679.2/22

All: 621.859+/-0.115 χ^2/NDF : 7184998.6/41

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 87.330 ± 46.908 χ^2/NDF : 0.7/3

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: 94.409 ± 36.956 χ^2/NDF : 2.6/5

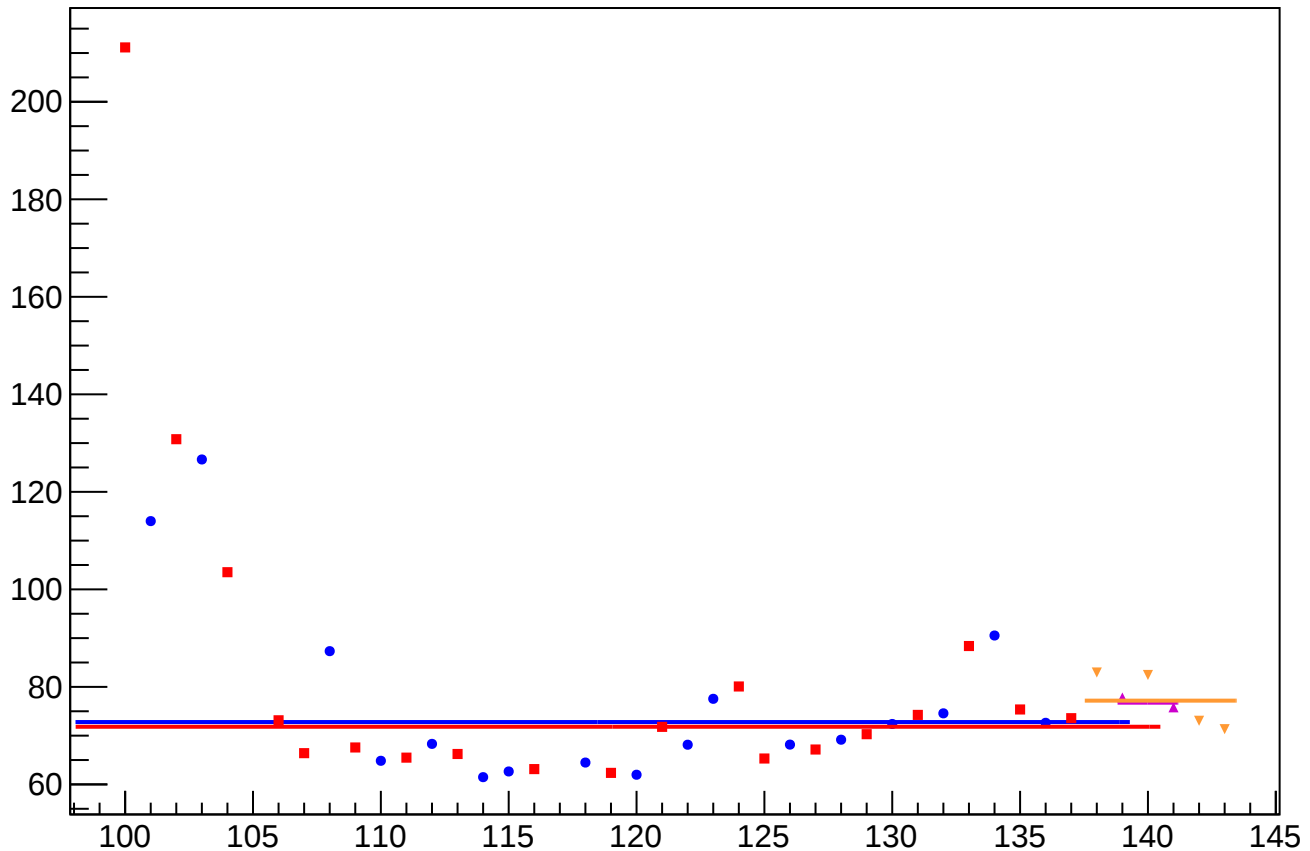
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: -27.243 ± 25.886 χ^2/NDF : 17.0/18

Out: -9.157 ± 23.848 χ^2/NDF : 45.5/22

All: -17.460 ± 17.539 χ^2/NDF : 62.8/41

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 77.179 $\pm$ 0.033 χ^2 /NDF: 26638.3/3

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: 77.020 $\pm$ 0.026 χ^2 /NDF: 27258.2/5

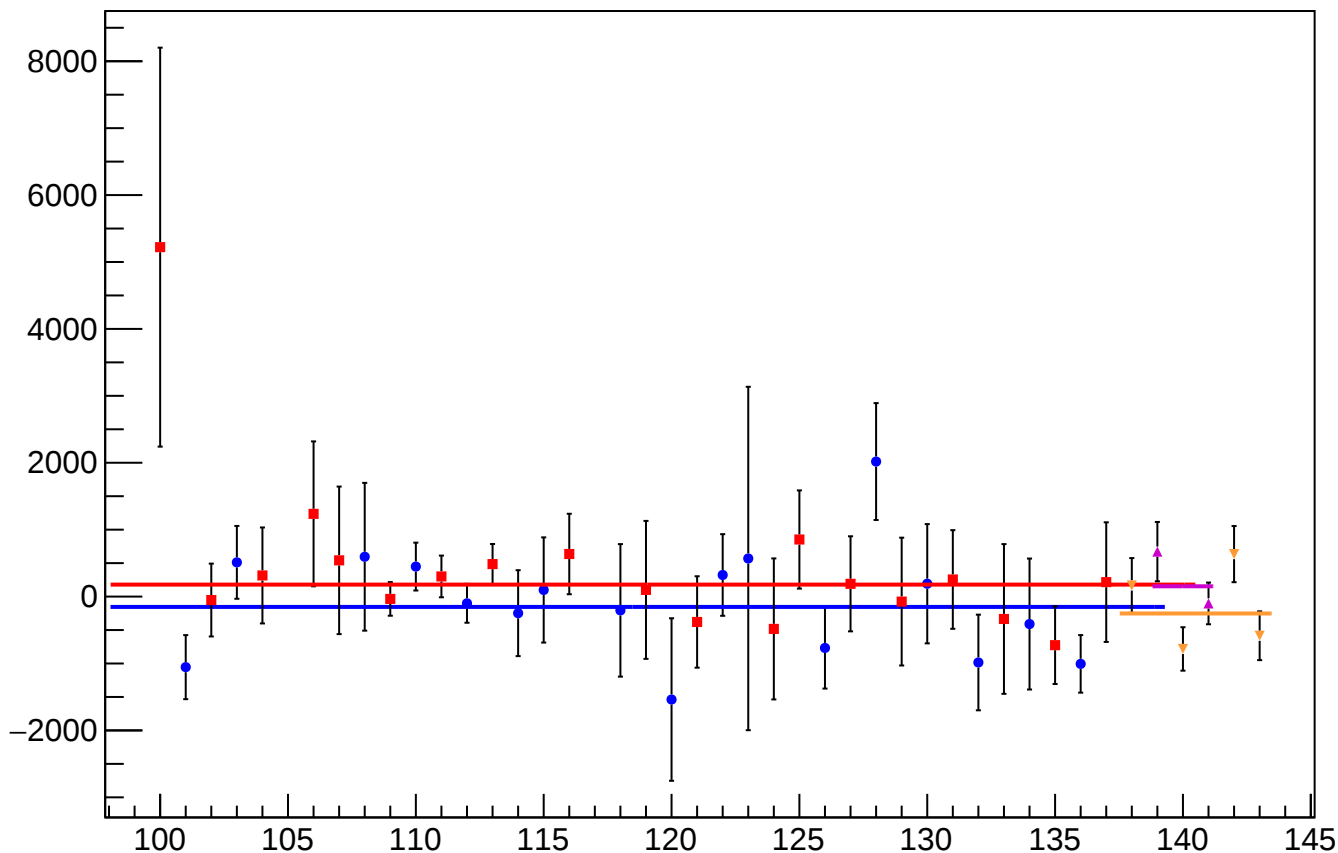
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 73.529 $\pm$ 0.018 χ^2 /NDF: 472460.6/18

Out: 73.208 $\pm$ 0.017 χ^2 /NDF: 511622.5/22

All: 73.355 $\pm$ 0.012 χ^2 /NDF: 984249.1/41

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404±140.700 χ^2/NDF : 23.2/16

Left Out: -252.525±186.790 χ^2/NDF : 9.0/3

Right Out: 179.068±126.107 χ^2/NDF : 11.3/18

Left In: 153.753±254.939 χ^2/NDF : 2.0/1

Left: -110.608±150.675 χ^2/NDF : 12.7/5

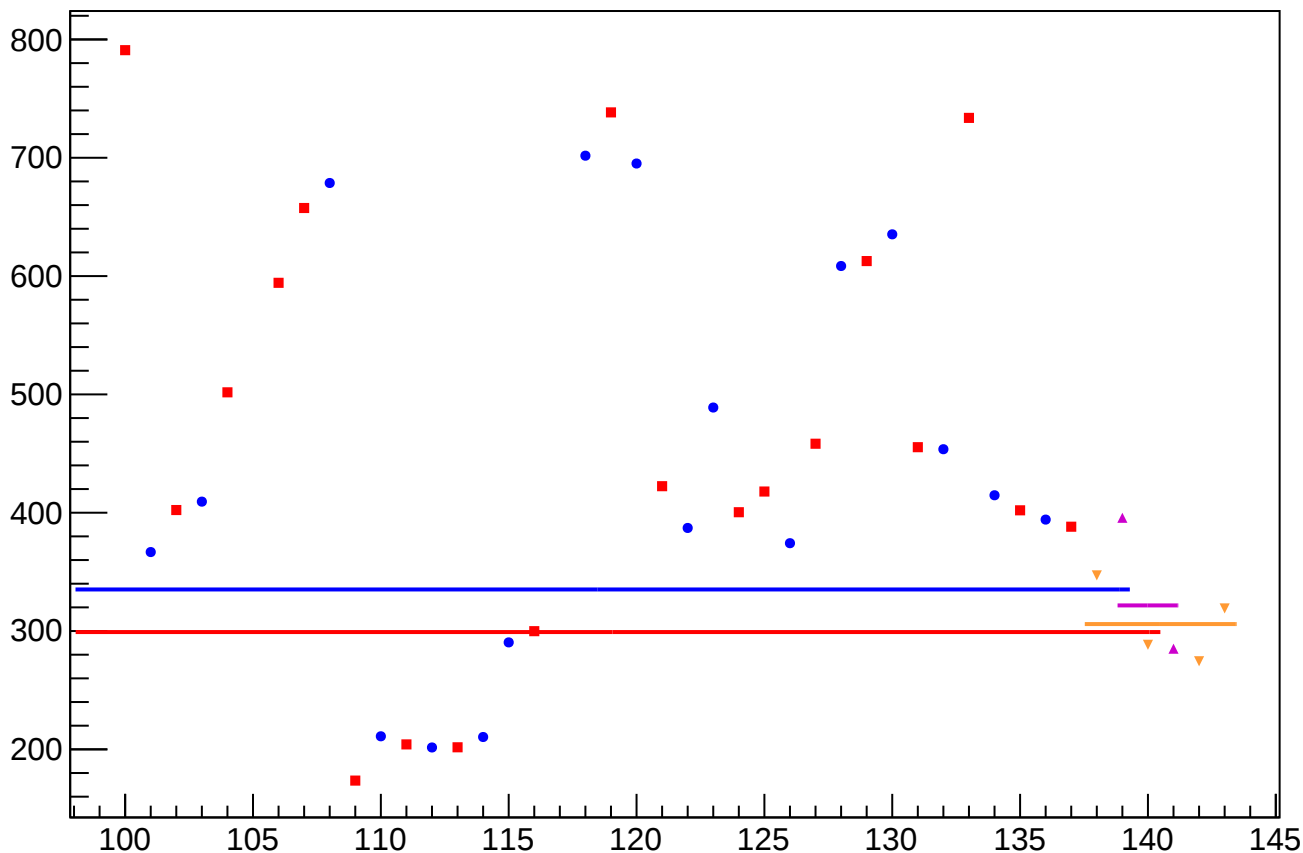
Right: 30.517±93.908 χ^2/NDF : 37.6/35

In: -82.457±123.185 χ^2/NDF : 26.3/18

Out: 43.940±104.518 χ^2/NDF : 24.0/22

All: -8.965±79.697 χ^2/NDF : 50.9/41

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 305.893+/-0.132 χ^2/NDF : 39872.2/3

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: 311.399+/-0.107 χ^2/NDF : 128241.0/5

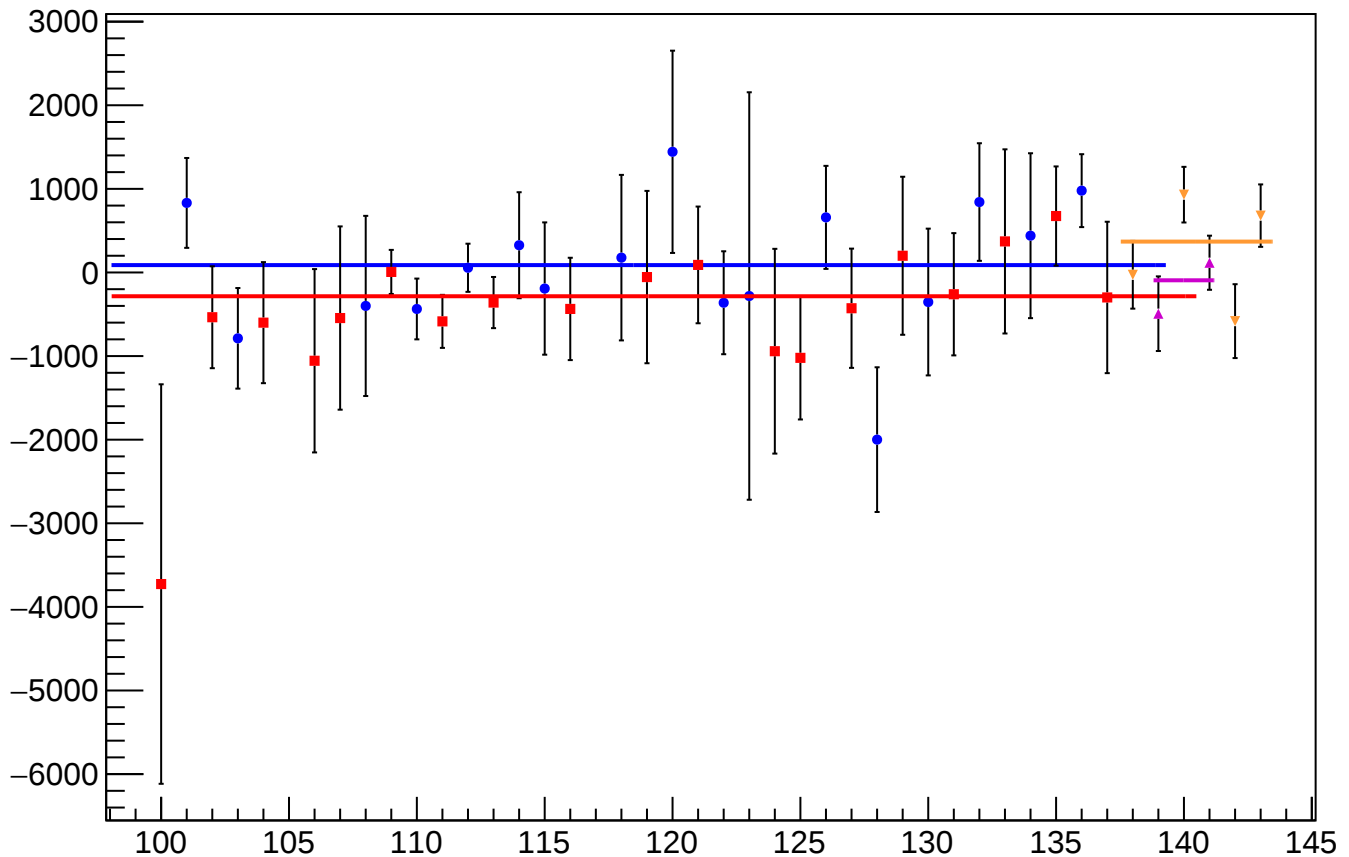
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 331.987+/-0.087 χ^2/NDF : 2081725.1/18

Out: 301.251+/-0.074 χ^2/NDF : 2872760.1/22

All: 314.116+/-0.056 χ^2/NDF : 5026881.4/41

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 369.314+/-190.962 χ^2/NDF : 9.1/3

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: -93.613+/-262.030 χ^2/NDF : 1.2/1

Left: 208.733+/-154.327 χ^2/NDF : 12.4/5

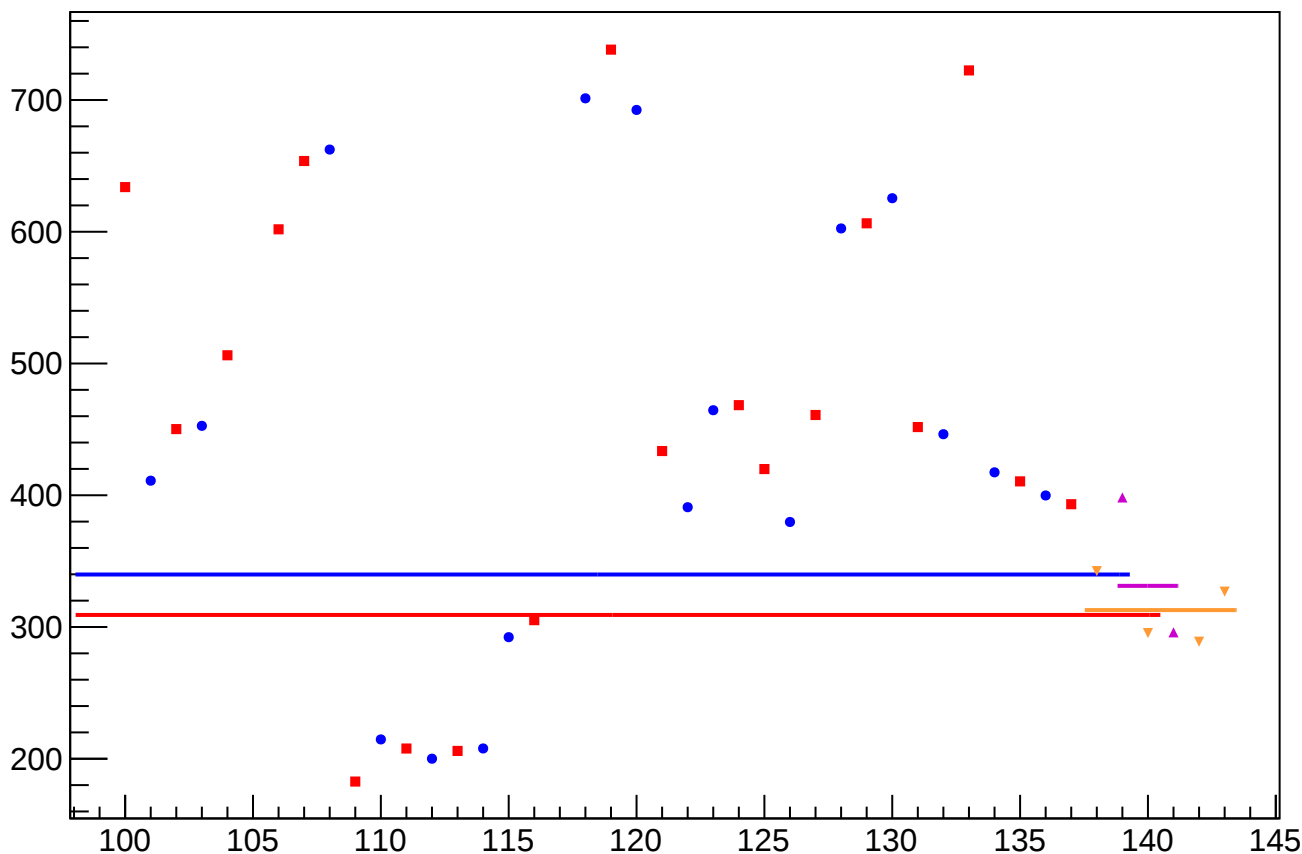
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 46.404+/-125.536 χ^2/NDF : 22.4/18

Out: -78.166+/-107.278 χ^2/NDF : 27.3/22

All: -25.590+/-81.556 χ^2/NDF : 50.2/41

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 312.841+/-0.135 χ^2/NDF : 24881.7/3

Right Out: 309.158+/-0.092 χ^2/NDF : 2735887.4/18

Left In: 331.240+/-0.185 χ^2/NDF : 68957.3/1

Left: 319.223+/-0.109 χ^2/NDF : 100279.2/5

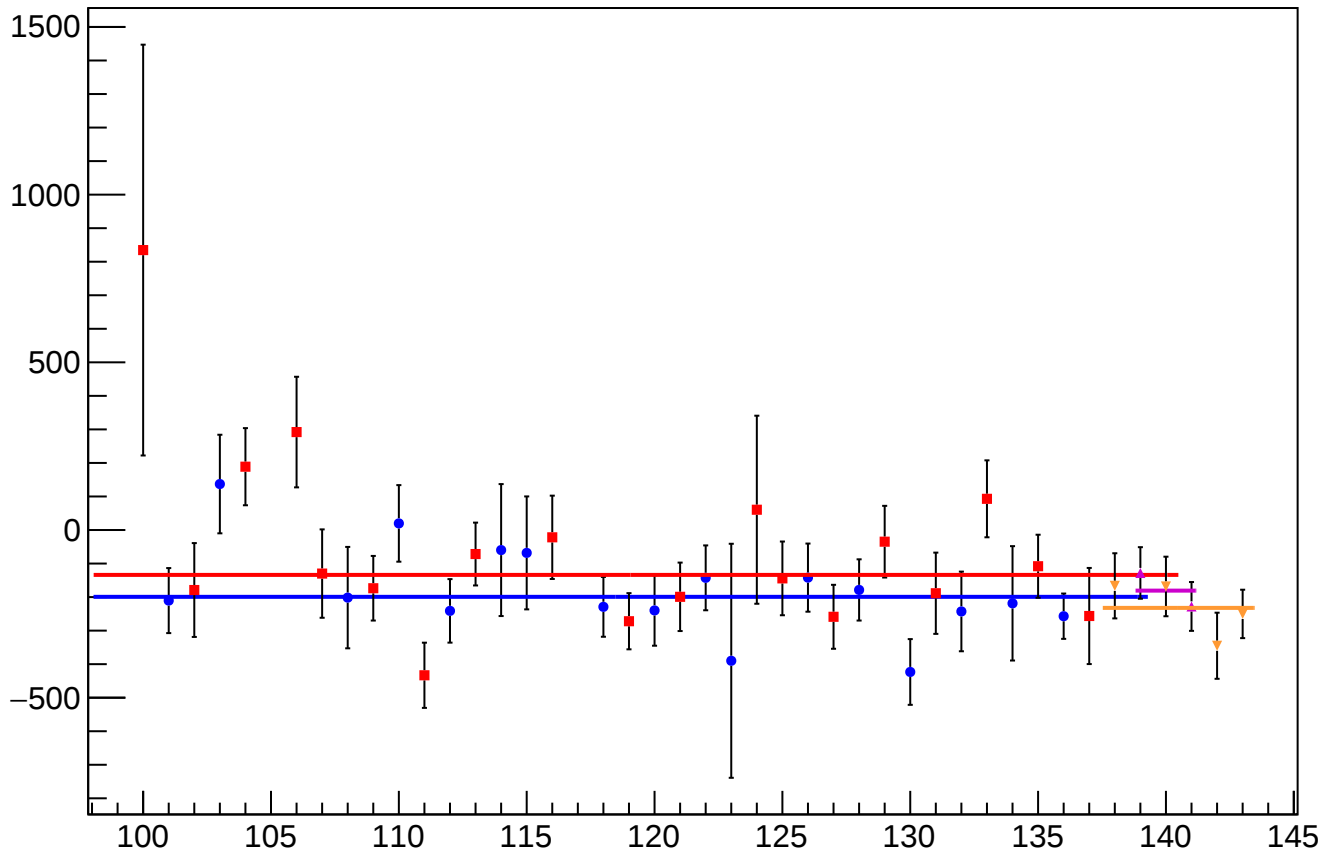
Right: 323.006+/-0.068 χ^2/NDF : 4829958.1/35

In: 337.873+/-0.089 χ^2/NDF : 2114143.5/18

Out: 310.321+/-0.076 χ^2/NDF : 2761278.1/22

All: 321.949+/-0.058 χ^2/NDF : 4931103.3/41

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -232.209 ± 43.532 $\chi^2/\text{NDF}: 2.3/3$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -180.727 ± 52.861 $\chi^2/\text{NDF}: 0.9/1$

Left: -211.404 ± 33.604 $\chi^2/\text{NDF}: 3.8/5$

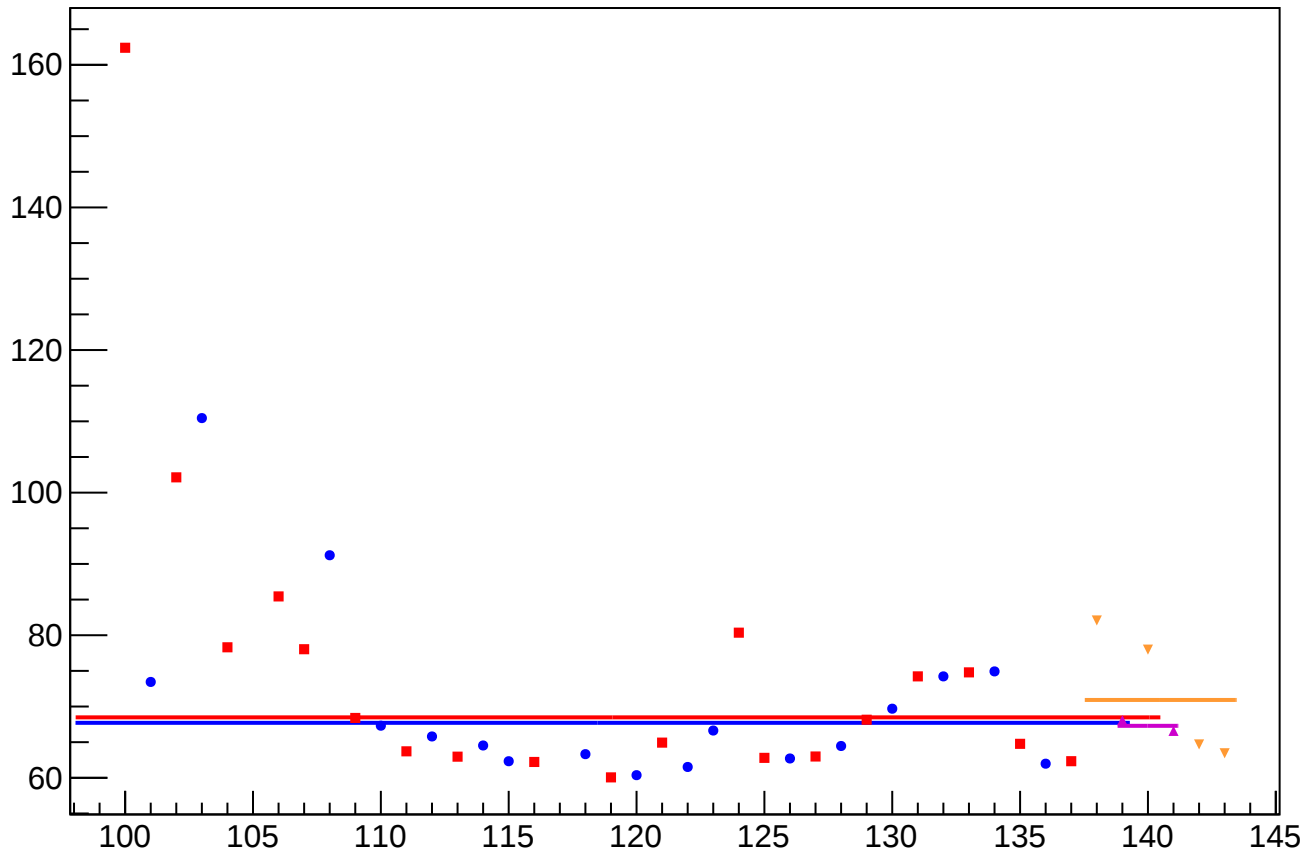
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -195.528 ± 23.701 $\chi^2/\text{NDF}: 18.6/18$

Out: -160.042 ± 22.466 $\chi^2/\text{NDF}: 45.3/22$

All: -176.836 ± 16.305 $\chi^2/\text{NDF}: 65.0/41$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 70.922 $\pm$ 0.031 χ^2 /NDF: 68467.4/3

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: 69.456 $\pm$ 0.024 χ^2 /NDF: 74485.4/5

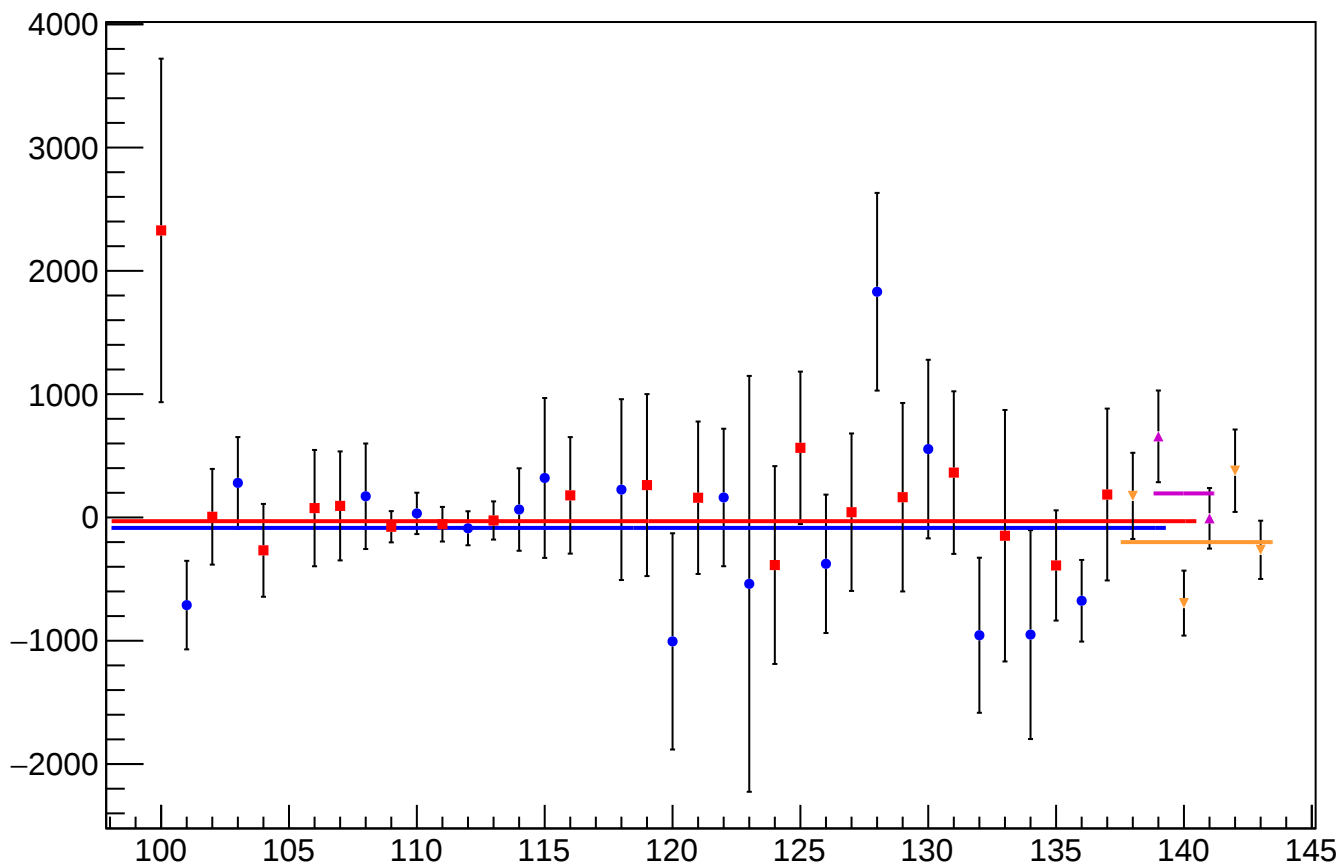
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 67.631 $\pm$ 0.017 χ^2 /NDF: 283397.2/18

Out: 69.131 $\pm$ 0.016 χ^2 /NDF: 354505.4/22

All: 68.421 $\pm$ 0.012 χ^2 /NDF: 642125.2/41

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -199.999 ± 142.185 $\chi^2/\text{NDF}: 7.7/3$

Right Out: -30.219 ± 69.663 $\chi^2/\text{NDF}: 6.3/18$

Left In: 194.854 ± 204.915 $\chi^2/\text{NDF}: 2.2/1$

Left: -71.676 ± 116.818 $\chi^2/\text{NDF}: 12.5/5$

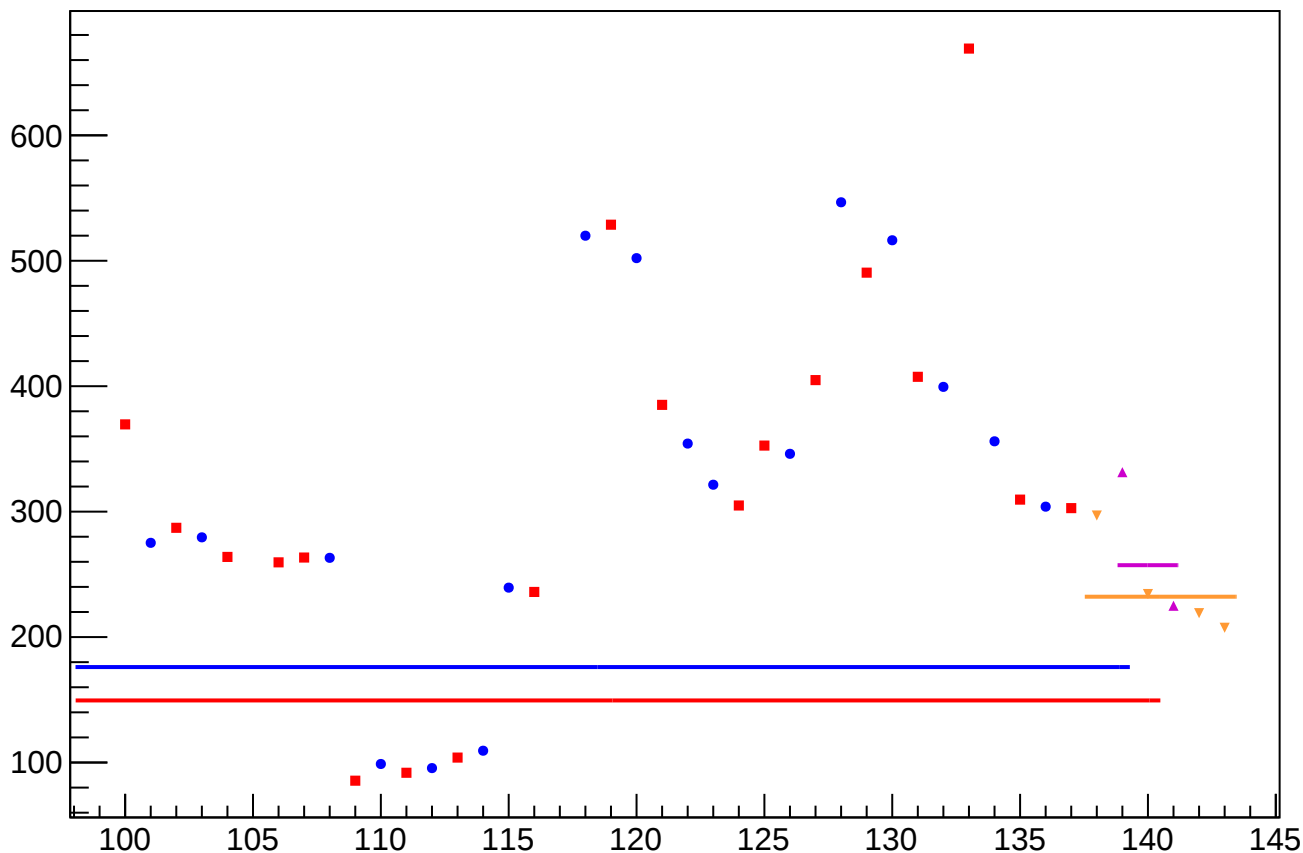
Right: -52.867 ± 53.271 $\chi^2/\text{NDF}: 26.5/35$

In: -45.621 ± 76.664 $\chi^2/\text{NDF}: 23.7/18$

Out: -63.085 ± 62.558 $\chi^2/\text{NDF}: 15.2/22$

All: -56.105 ± 48.469 $\chi^2/\text{NDF}: 39.0/41$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 232.183+/-0.101 χ^2/NDF : 93790.2/3

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: 240.349+/-0.083 χ^2/NDF : 228316.4/5

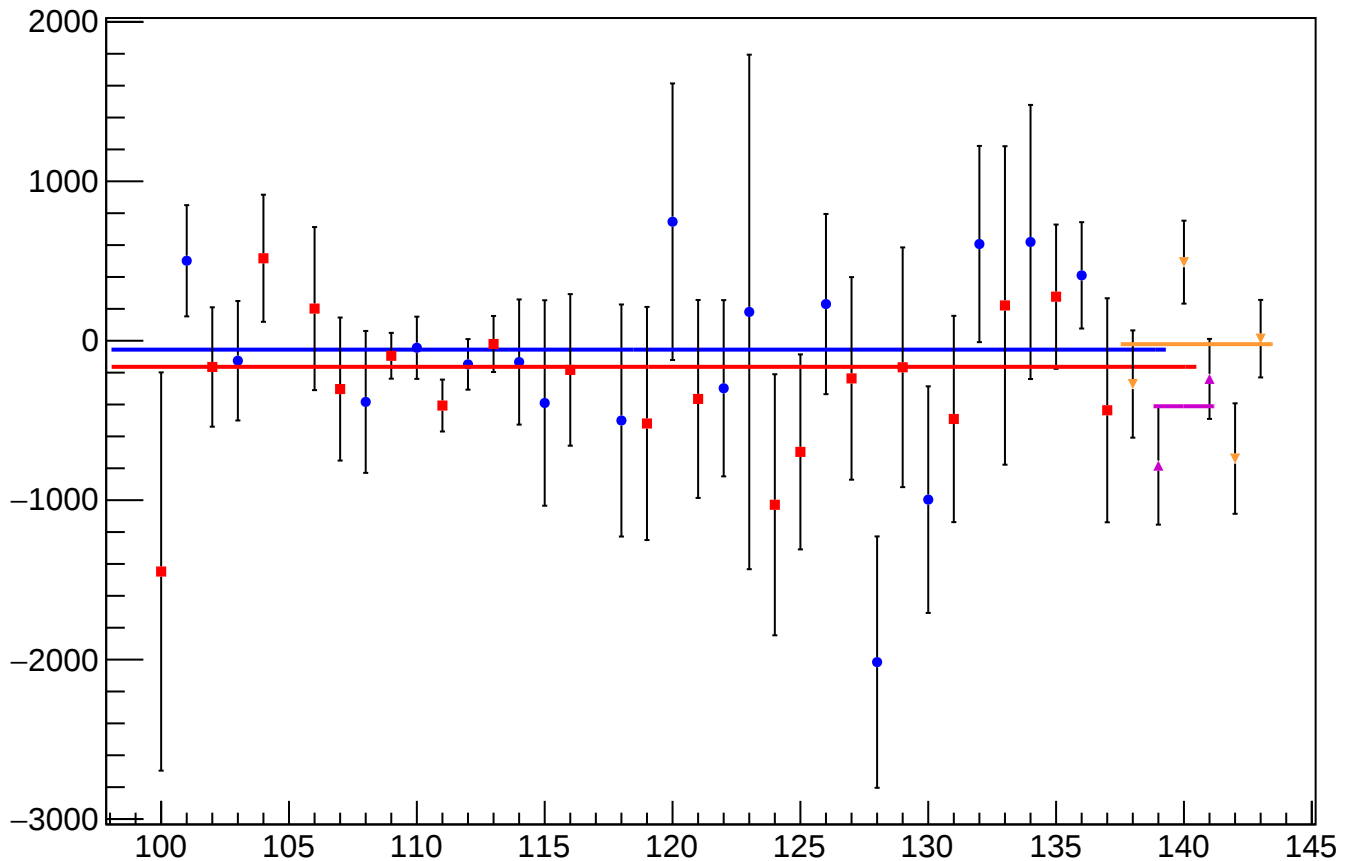
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 187.464+/-0.054 χ^2/NDF : 4608062.2/18

Out: 165.492+/-0.044 χ^2/NDF : 5460383.2/22

All: 174.275+/-0.034 χ^2/NDF : 10167056.5/41

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: -21.483 ± 143.071 $\chi^2/\text{NDF}: 8.8/3$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -410.863 ± 207.685 $\chi^2/\text{NDF}: 1.5/1$

Left: -146.799 ± 117.820 $\chi^2/\text{NDF}: 12.6/5$

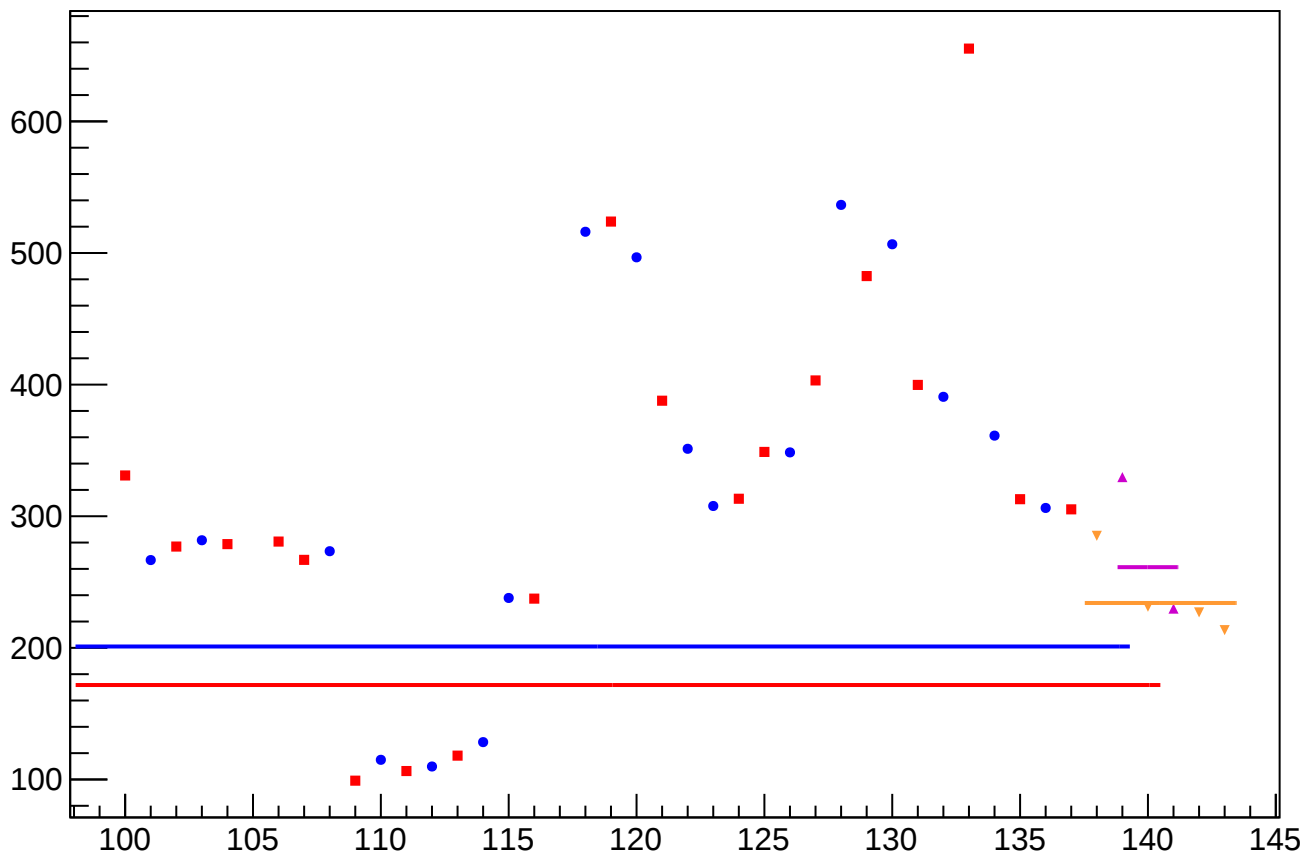
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -112.473 ± 83.021 $\chi^2/\text{NDF}: 21.1/18$

Out: -131.701 ± 67.753 $\chi^2/\text{NDF}: 21.0/22$

All: -124.014 ± 52.492 $\chi^2/\text{NDF}: 42.1/41$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 234.098 $\pm$ 0.101 χ^2 /NDF: 61518.9/3

Right Out: 171.765 $\pm$ 0.054 χ^2 /NDF: 4098218.1/18

Left In: 261.311 $\pm$ 0.147 χ^2 /NDF: 99922.4/1

Left: 242.856 $\pm$ 0.083 χ^2 /NDF: 184727.9/5

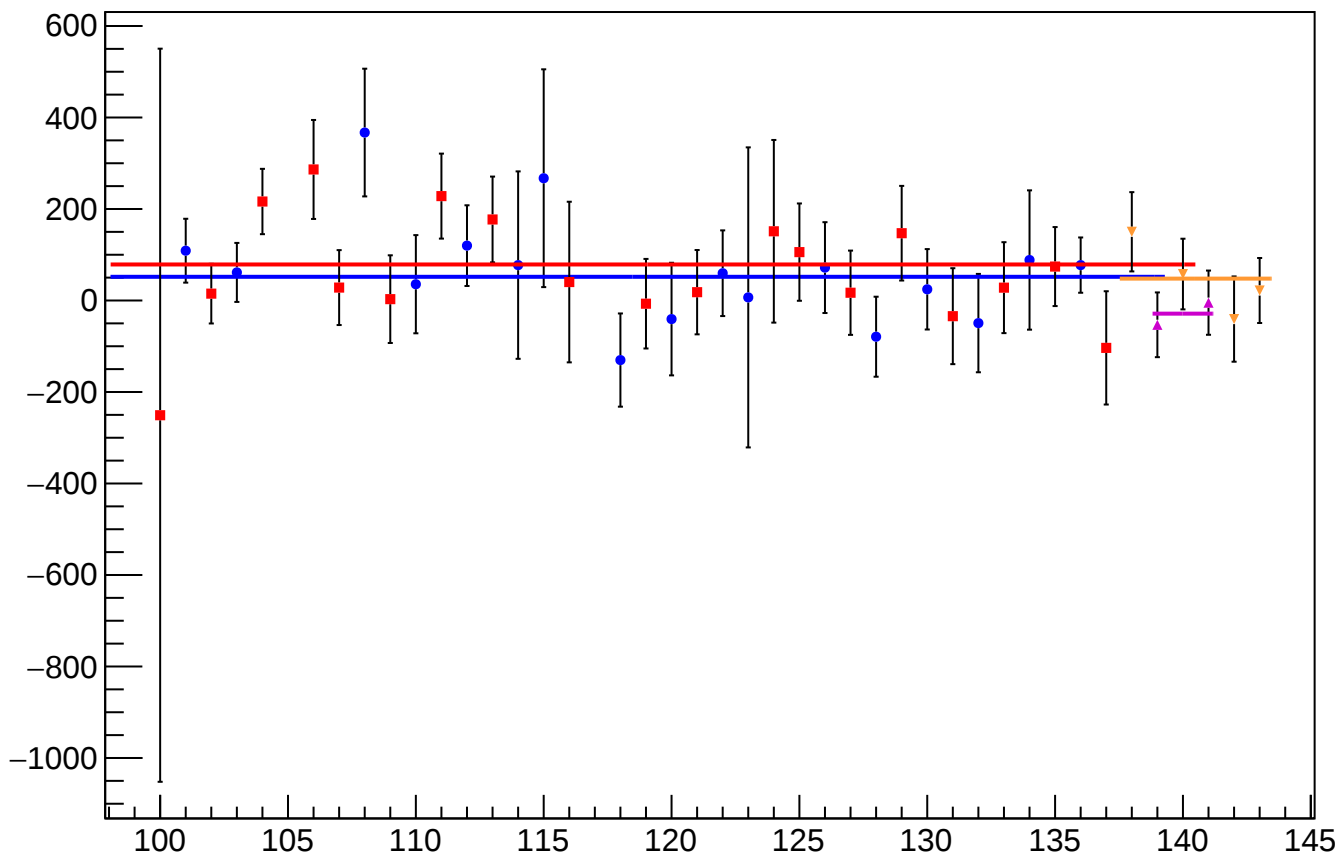
Right: 184.032 $\pm$ 0.041 χ^2 /NDF: 7652597.2/35

In: 210.668 $\pm$ 0.059 χ^2 /NDF: 3674486.6/18

Out: 185.744 $\pm$ 0.048 χ^2 /NDF: 4454229.5/22

All: 195.708 $\pm$ 0.037 χ^2 /NDF: 8236911.5/41

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: 47.826 $\pm$ 40.352 χ^2 /NDF: 2.4/3

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: 17.500 $\pm$ 31.359 χ^2 /NDF: 4.1/5

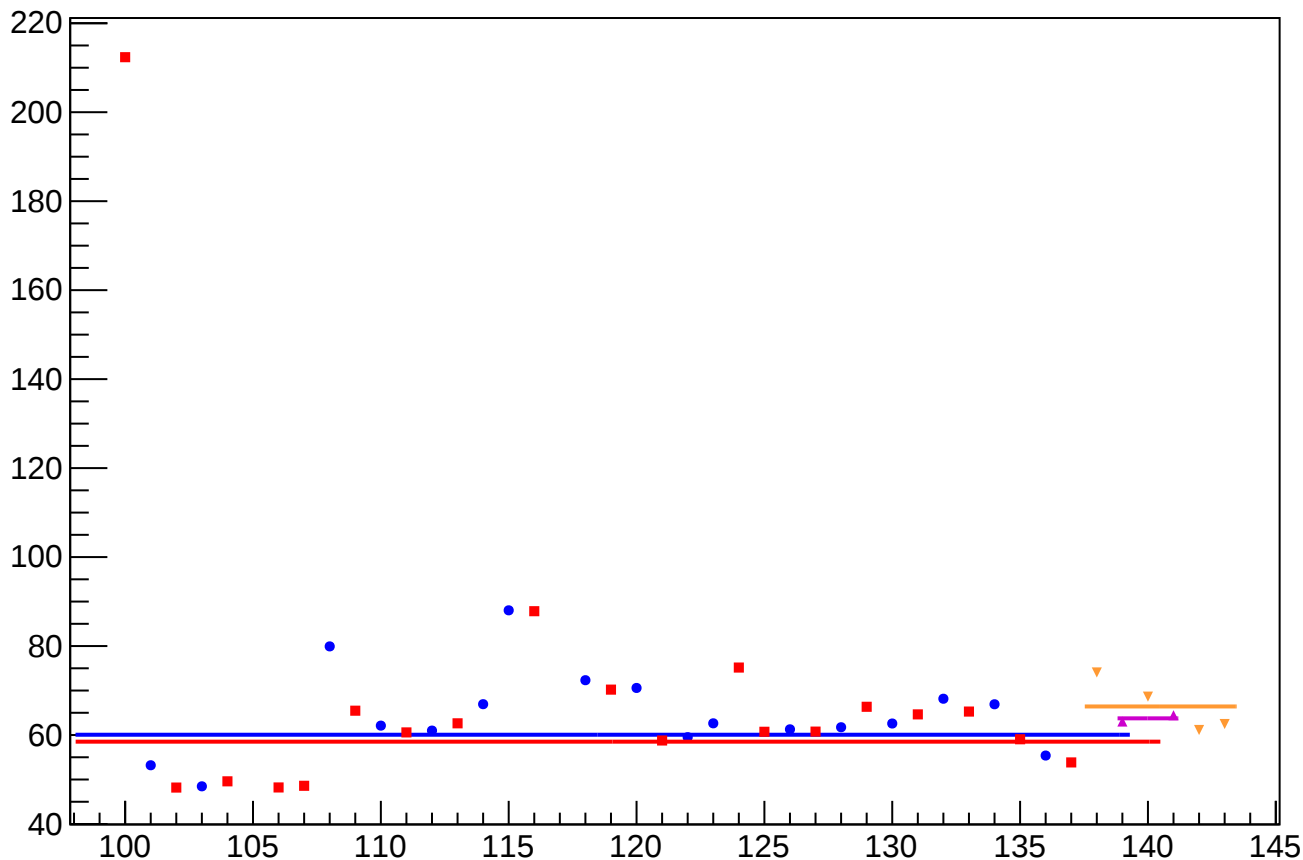
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 37.106 $\pm$ 21.283 χ^2 /NDF: 16.9/18

Out: 71.419 $\pm$ 19.645 χ^2 /NDF: 22.0/22

All: 55.634 $\pm$ 14.436 χ^2 /NDF: 40.3/41

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: 66.419 $\pm$ 0.029 χ^2 /NDF: 29807.4/3

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: 65.362 $\pm$ 0.022 χ^2 /NDF: 33678.2/5

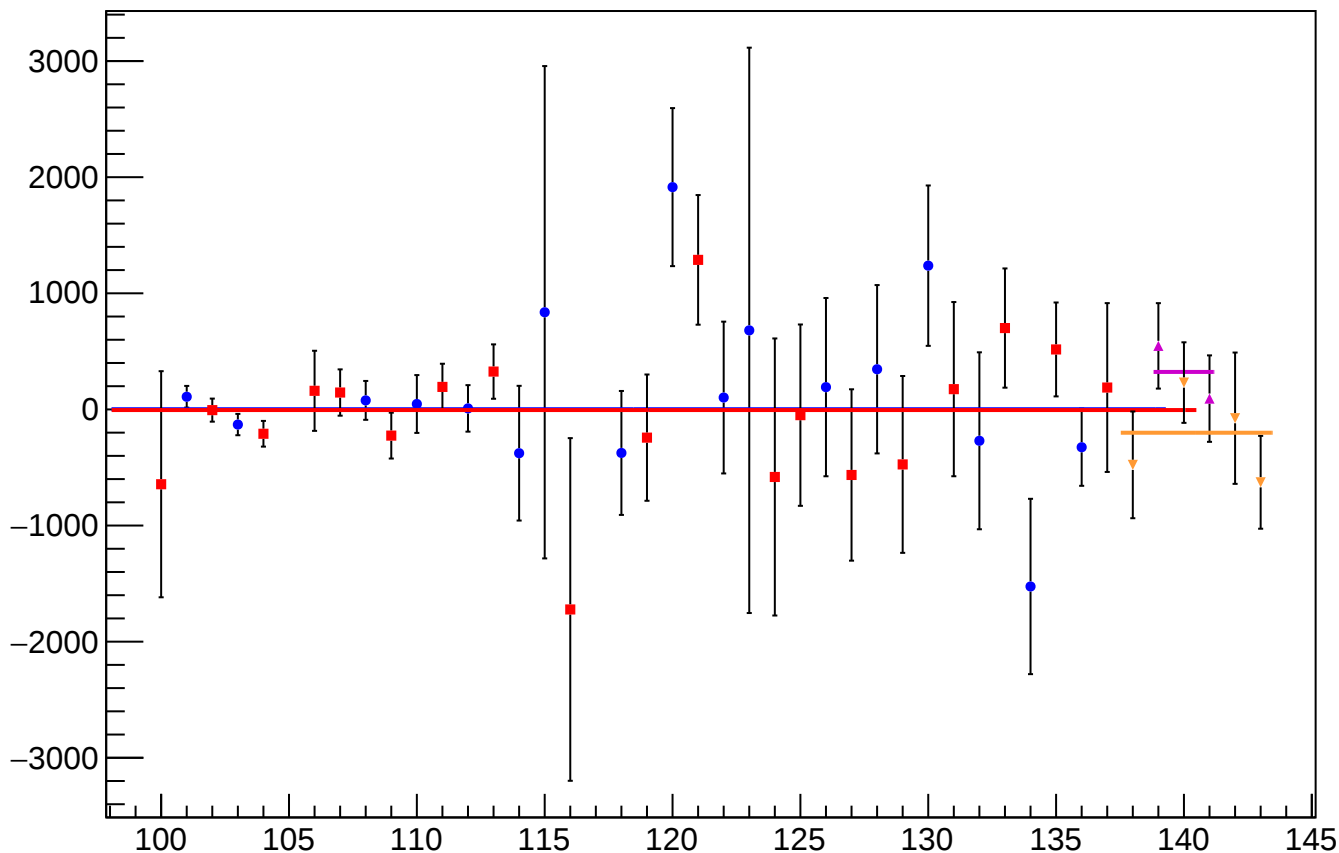
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 60.737 $\pm$ 0.015 χ^2 /NDF: 238443.3/18

Out: 60.383 $\pm$ 0.014 χ^2 /NDF: 437285.1/22

All: 60.546 $\pm$ 0.010 χ^2 /NDF: 676027.3/41

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -200.727 ± 211.148 χ^2/NDF : 3.1/3

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: 5.742 ± 164.327 χ^2/NDF : 6.3/5

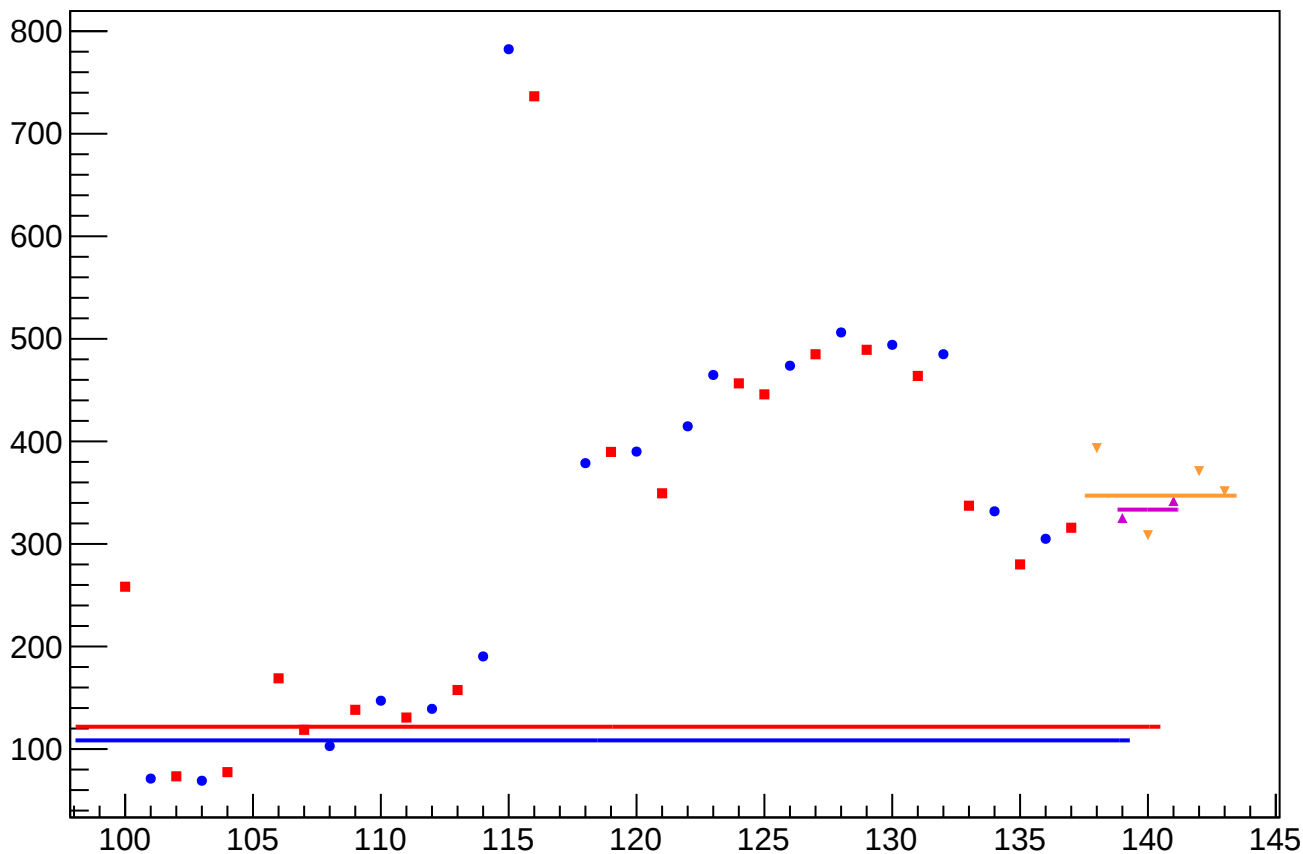
Right: -1.770 ± 39.150 χ^2/NDF : 42.1/35

In: 14.836 ± 53.153 χ^2/NDF : 23.6/18

Out: -18.460 ± 54.594 χ^2/NDF : 24.6/22

All: -1.367 ± 38.084 χ^2/NDF : 48.3/41

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 347.098+/-0.149 χ^2/NDF : 48865.0/3

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: 341.728+/-0.116 χ^2/NDF : 54150.4/5

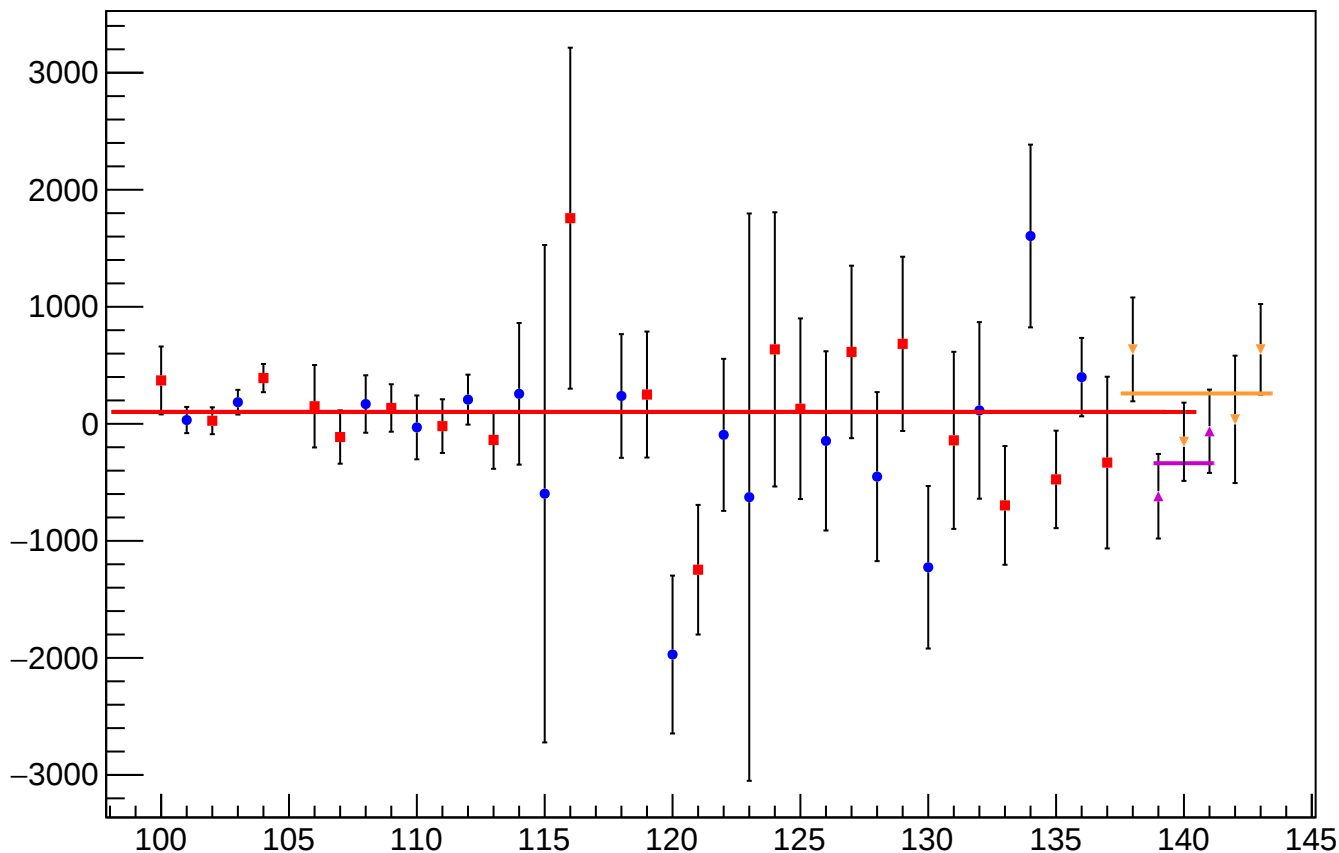
Right: 114.837+/-0.028 χ^2/NDF : 10232914.9/35

In: 117.729+/-0.038 χ^2/NDF : 6824031.4/18

Out: 136.829+/-0.039 χ^2/NDF : 6945364.5/22

All: 127.023+/-0.027 χ^2/NDF : 13895071.2/41

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 259.525 $\pm$ 203.666 χ^2 /NDF:3.4/3

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -336.616 $\pm$ 253.616 χ^2 /NDF:1.2/1

Left: 25.804 $\pm$ 158.800 χ^2 /NDF: 7.9/5

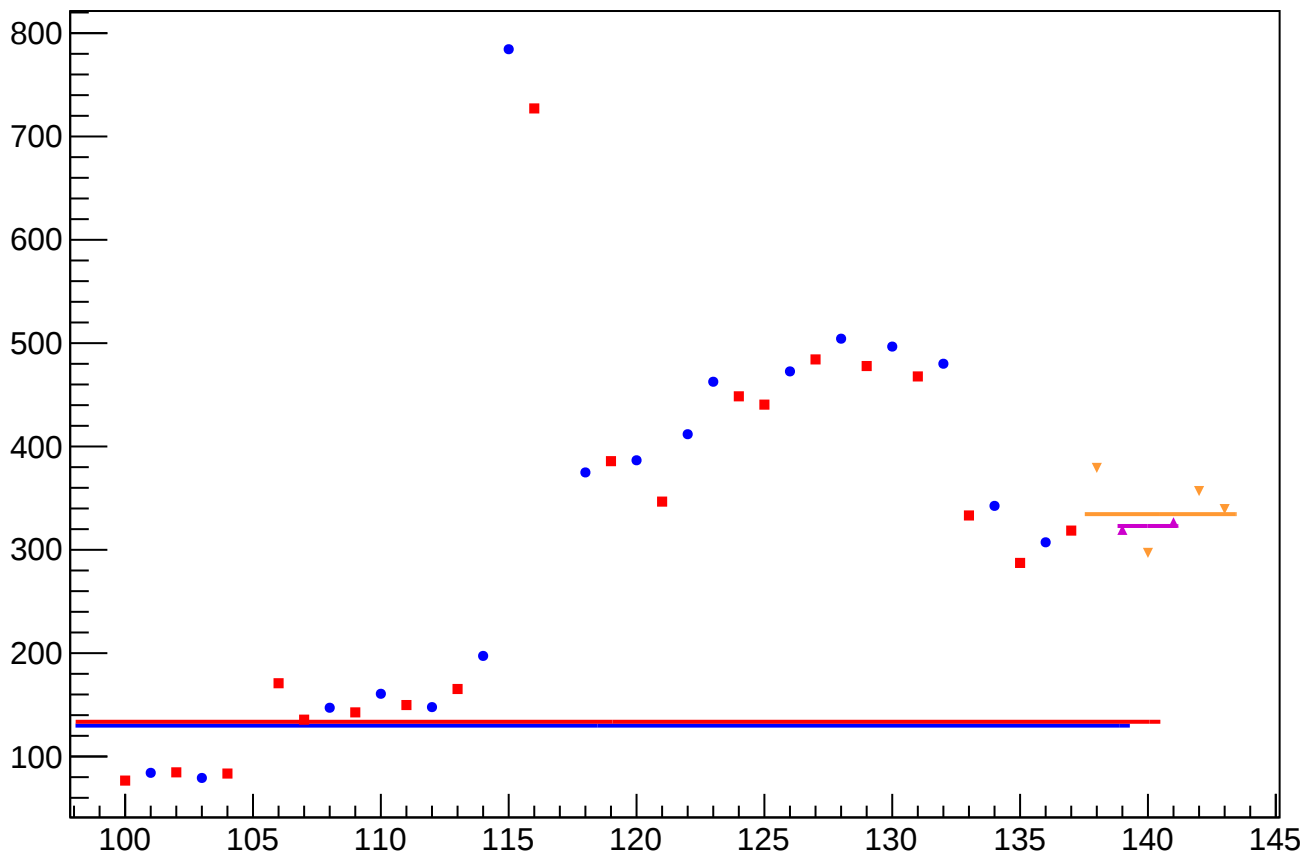
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 76.619 $\pm$ 61.258 χ^2 /NDF:24.3/18

Out: 114.218 $\pm$ 58.300 χ^2 /NDF:26.6/22

All: 96.348 $\pm$ 42.231 χ^2 /NDF: 51.0/41

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 334.536+/-0.144 χ^2/NDF : 49208.6/3

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: 330.039+/-0.112 χ^2/NDF : 52120.4/5

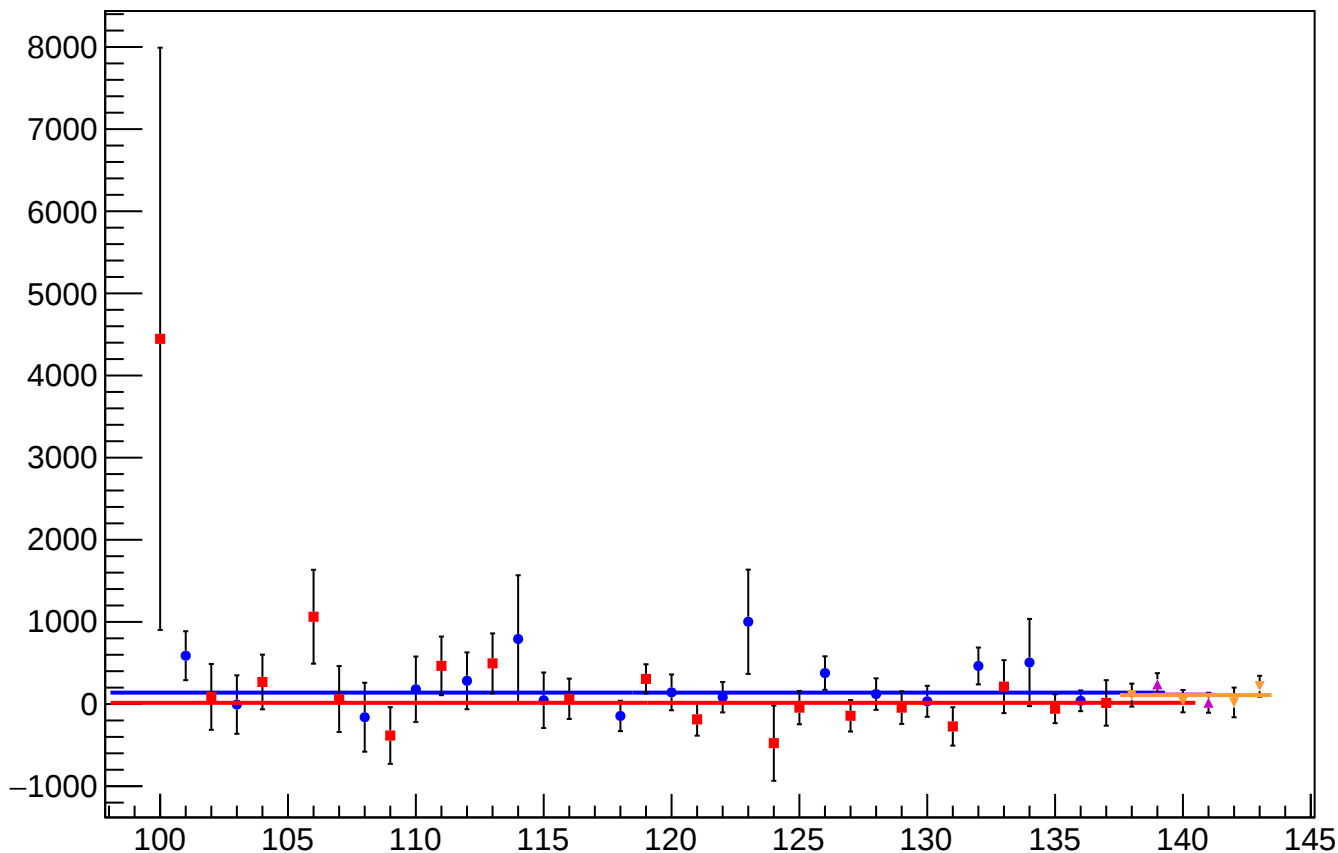
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 141.154+/-0.043 χ^2/NDF : 5922658.8/18

Out: 150.069+/-0.041 χ^2/NDF : 6199727.3/22

All: 145.832+/-0.030 χ^2/NDF : 12144609.2/41

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: 109.041 $\pm$ 71.036 χ^2 /NDF: 1.3/3

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: 111.477 $\pm$ 55.897 χ^2 /NDF: 2.8/5

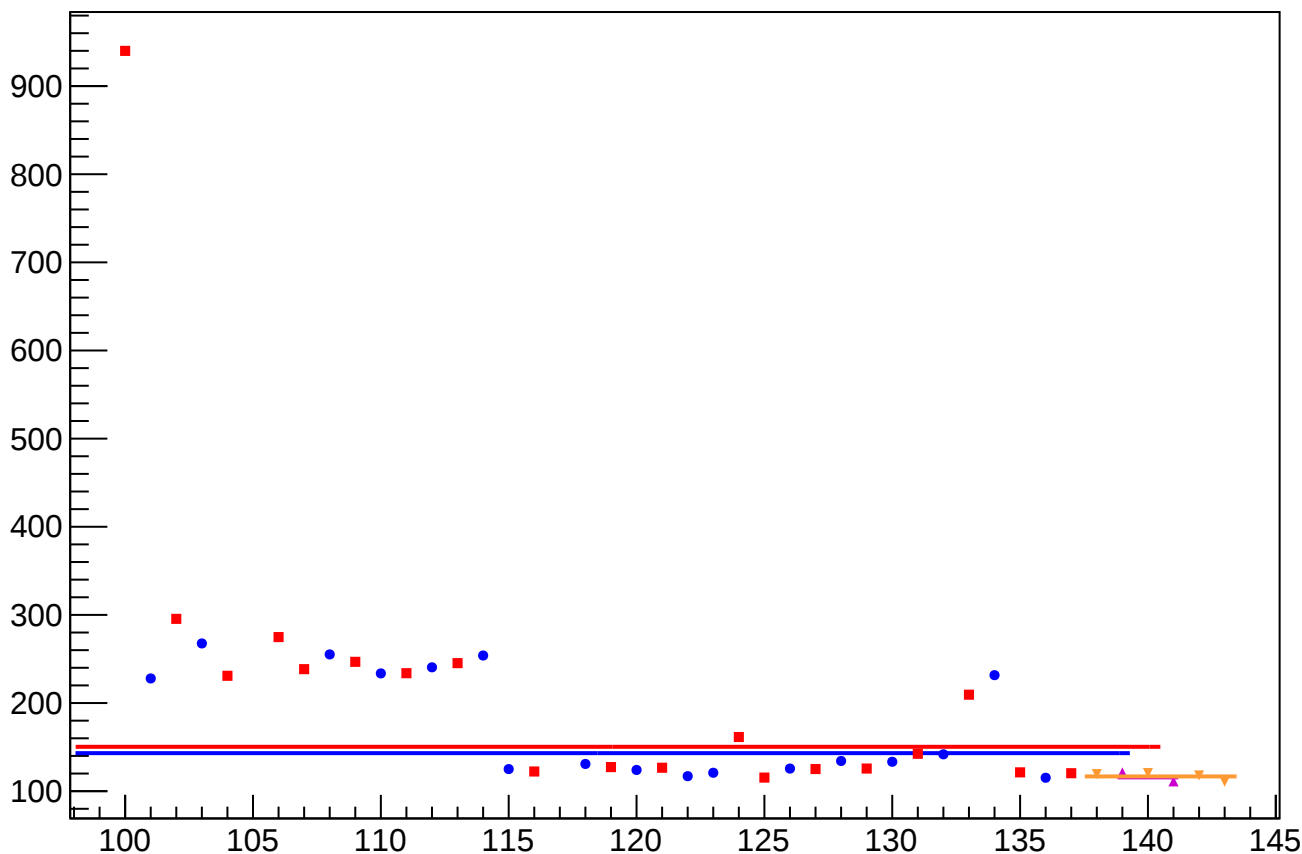
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 132.218 $\pm$ 48.834 χ^2 /NDF: 14.7/18

Out: 54.195 $\pm$ 45.890 χ^2 /NDF: 20.3/22

All: 90.784 $\pm$ 33.442 χ^2 /NDF: 36.3/41

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 116.731 $\pm$ 0.050 χ^2 /NDF: 6847.5/3

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 115.638 $\pm$ 0.064 χ^2 /NDF: 6171.7/1

Left: 116.315 $\pm$ 0.040 χ^2 /NDF: 13199.4/5

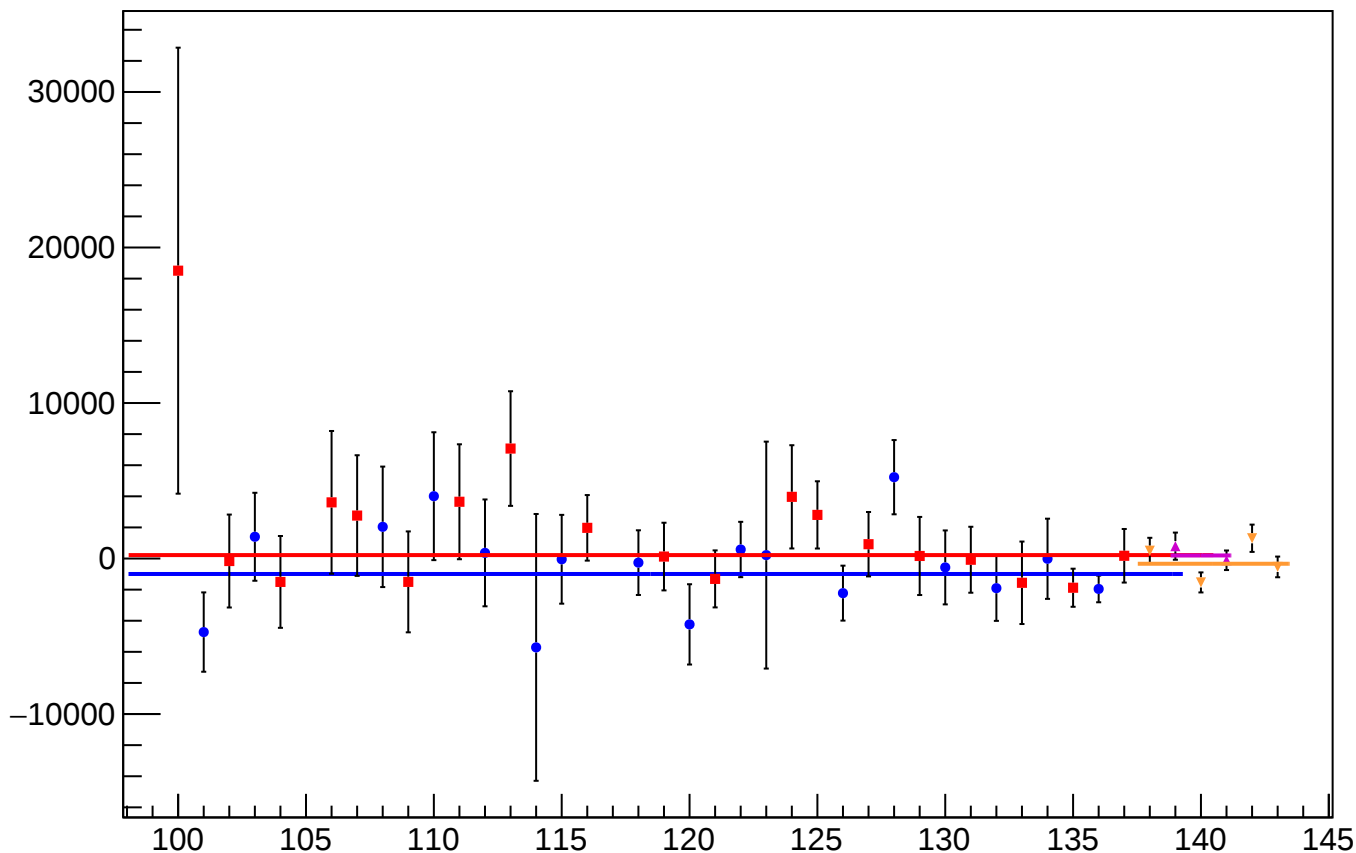
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 135.146 $\pm$ 0.035 χ^2 /NDF: 1238215.8/18

Out: 136.312 $\pm$ 0.032 χ^2 /NDF: 1699682.2/22

All: 135.765 $\pm$ 0.024 χ^2 /NDF: 2938502.9/41

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -336.310+/-367.033 χ^2/NDF : 8.1/3

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: -154.096+/-297.927 χ^2/NDF : 9.5/5

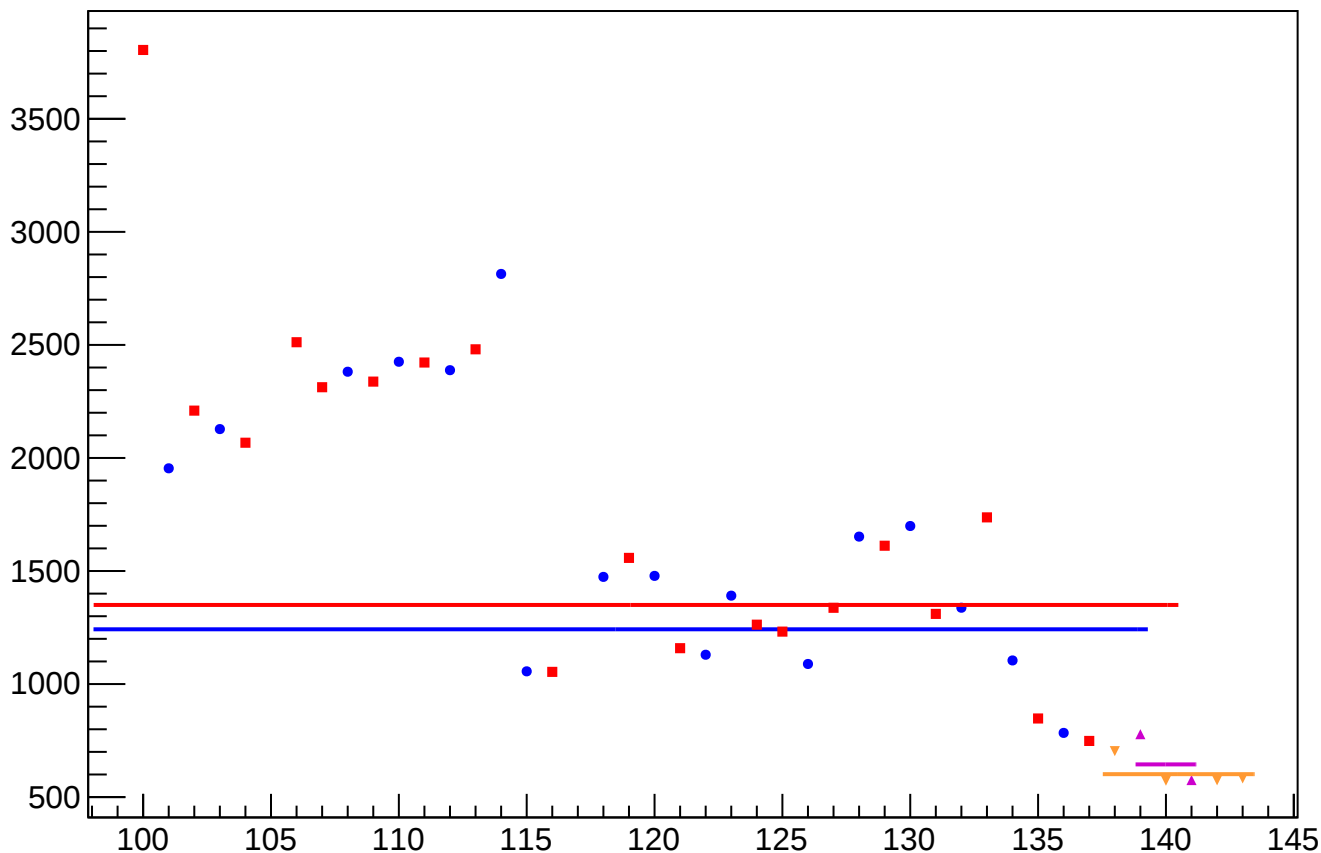
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -390.582+/-362.927 χ^2/NDF : 20.3/18

Out: -161.614+/-304.158 χ^2/NDF : 24.0/22

All: -256.082+/-233.117 χ^2/NDF : 44.6/41

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 601.468+/-0.260 χ^2/NDF : 37693.4/3

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: 616.200+/-0.211 χ^2/NDF : 118277.8/5

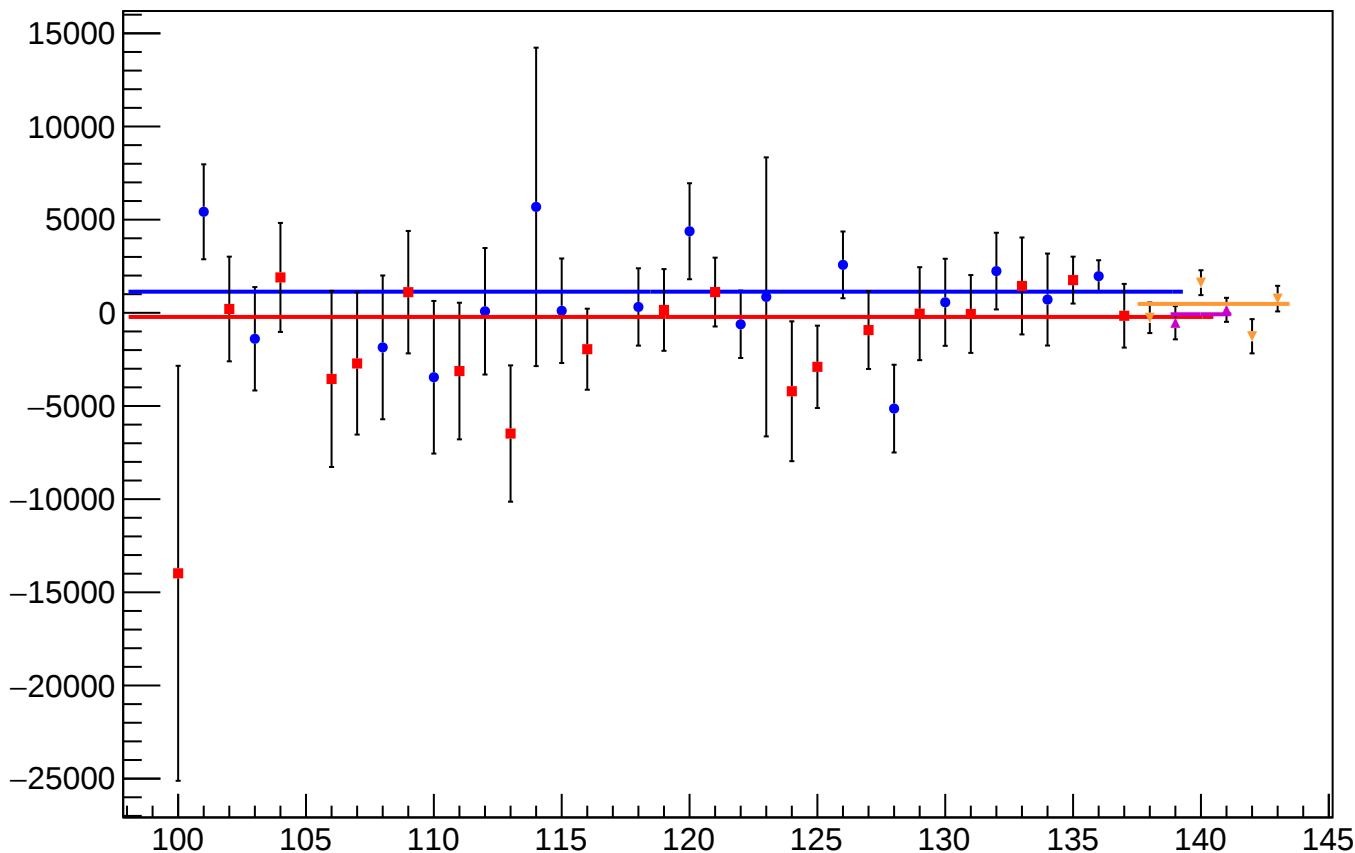
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 939.716+/-0.257 χ^2/NDF : 3193633.0/18

Out: 835.915+/-0.215 χ^2/NDF : 4510511.8/22

All: 878.741+/-0.165 χ^2/NDF : 7800247.9/41

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 478.346+/-377.191 χ^2/NDF : 7.5/3

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: 287.801+/-305.798 χ^2/NDF : 8.6/5

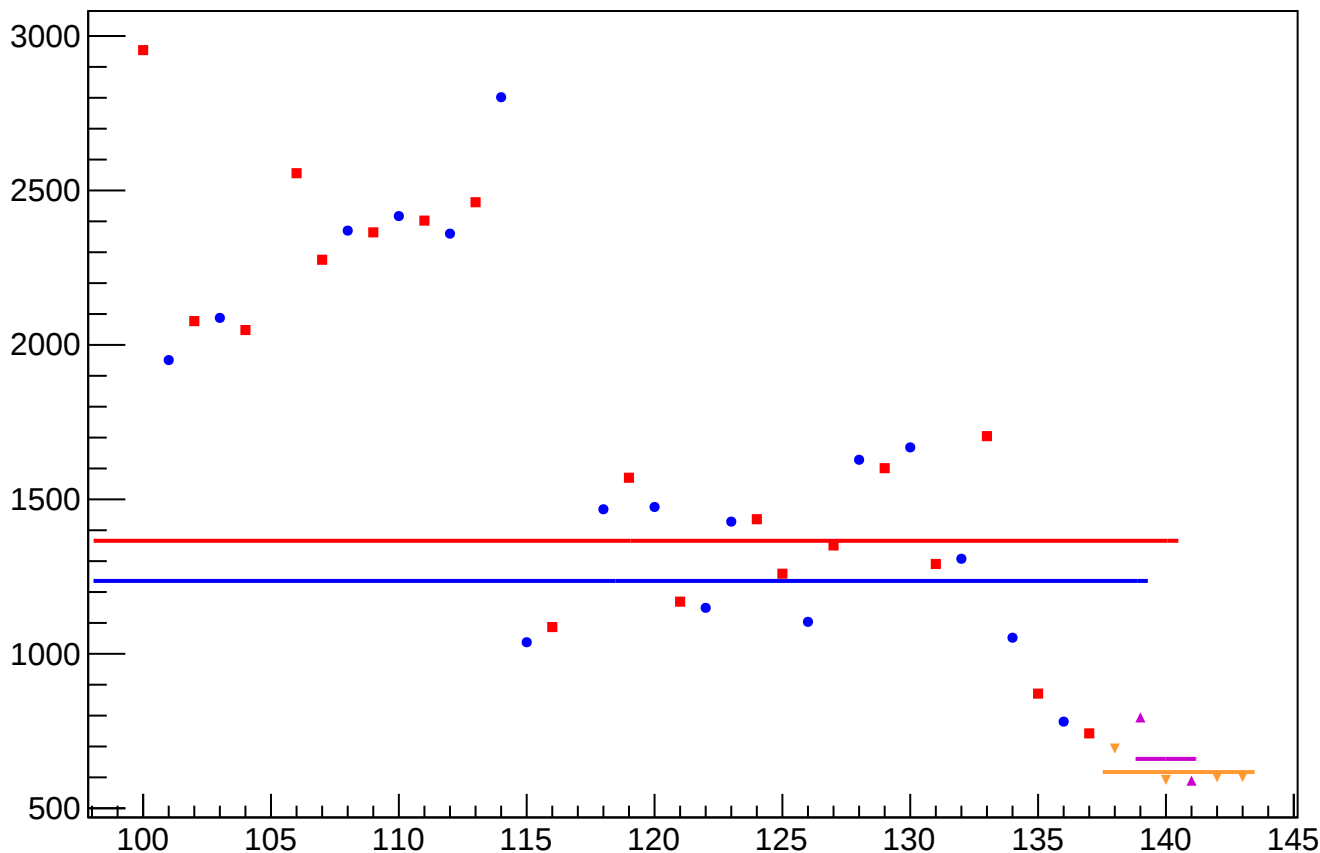
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 538.842+/-366.287 χ^2/NDF : 20.9/18

Out: 253.316+/-310.618 χ^2/NDF : 22.1/22

All: 372.755+/-236.904 χ^2/NDF : 43.4/41

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 617.260+/-0.267 χ^2/NDF : 21874.6/3

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 659.818+/-0.369 χ^2/NDF : 69328.8/1

Left: 631.845+/-0.216 χ^2/NDF : 99929.5/5

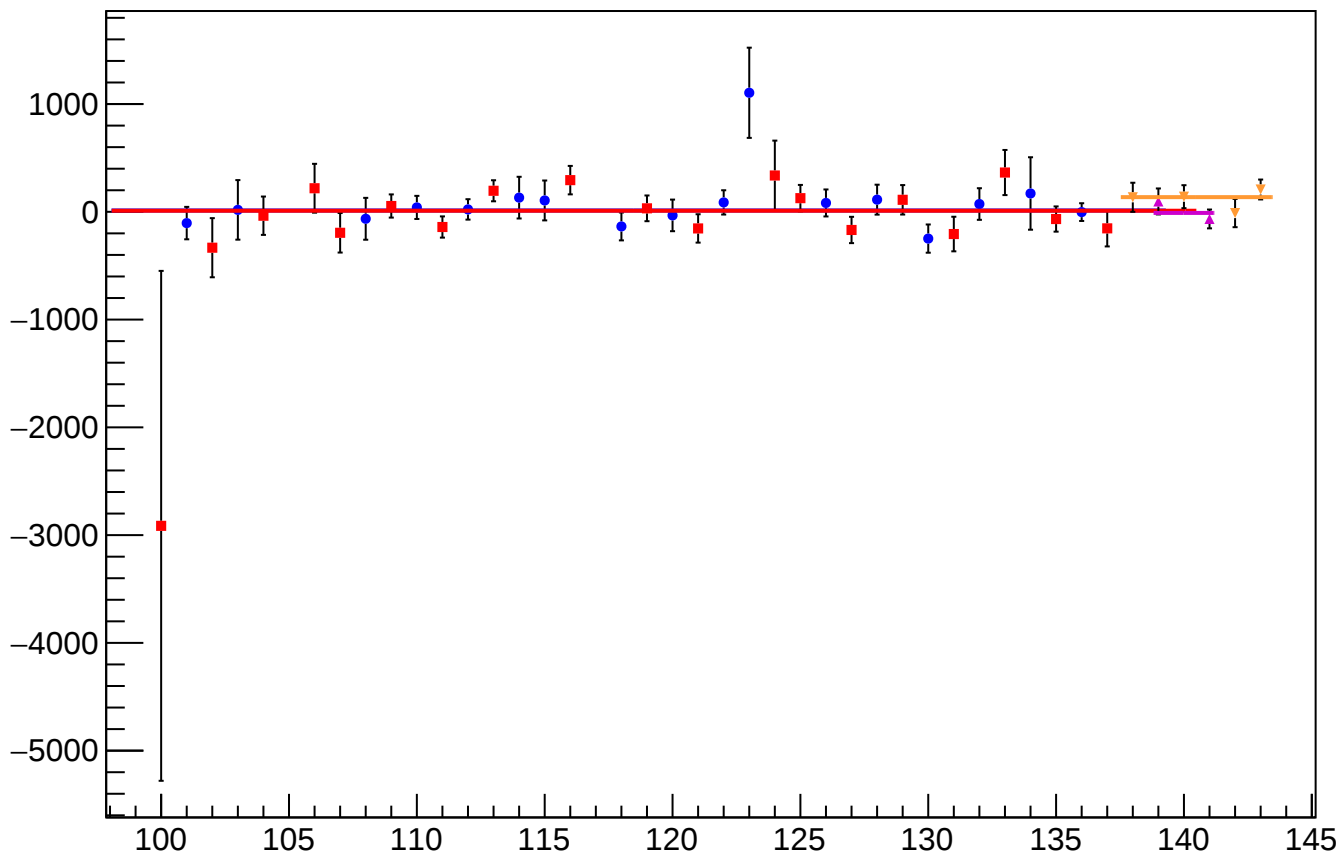
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 952.649+/-0.259 χ^2/NDF : 3051664.7/18

Out: 858.216+/-0.220 χ^2/NDF : 4307881.2/22

All: 897.719+/-0.168 χ^2/NDF : 7436871.7/41

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 136.188+/-56.031 χ^2/NDF : 1.9/3

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: 79.727+/-43.922 χ^2/NDF : 5.7/5

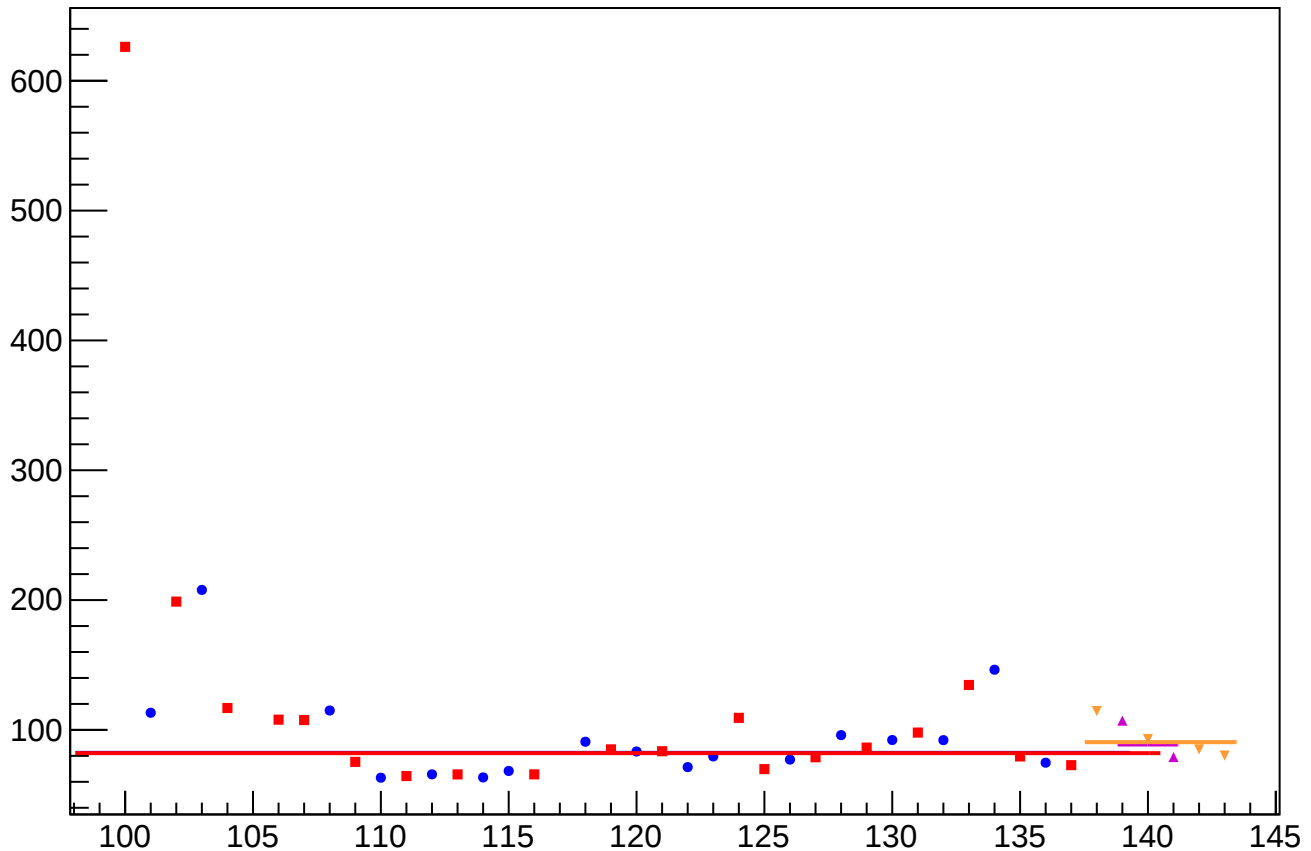
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 8.228+/-30.075 χ^2/NDF : 16.6/18

Out: 41.945+/-28.179 χ^2/NDF : 33.9/22

All: 26.182+/-20.563 χ^2/NDF : 51.2/41

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: 90.554 $\pm$ 0.040 χ^2 /NDF: 92883.0/3

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: 89.857 $\pm$ 0.031 χ^2 /NDF: 164622.0/5

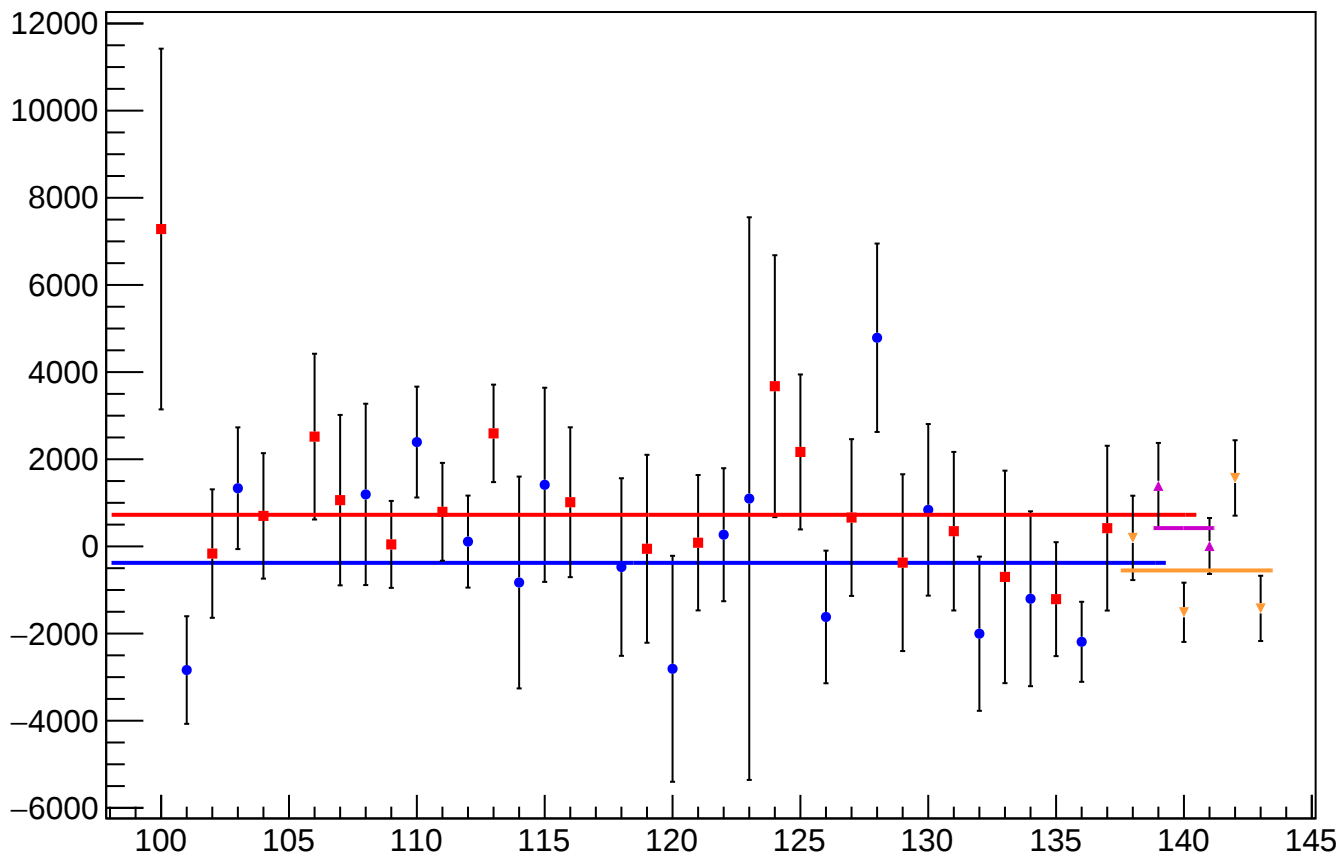
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 83.470 $\pm$ 0.021 χ^2 /NDF: 953262.8/18

Out: 84.231 $\pm$ 0.020 χ^2 /NDF: 1085979.4/22

All: 83.875 $\pm$ 0.015 χ^2 /NDF: 2039924.6/41

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -551.595 ± 396.851 $\chi^2/\text{NDF}: 10.0/3$

Right Out: 725.204 ± 367.170 $\chi^2/\text{NDF}: 11.9/18$

Left In: 420.290 ± 537.736 $\chi^2/\text{NDF}: 1.4/1$

Left: -208.905 ± 319.310 $\chi^2/\text{NDF}: 13.5/5$

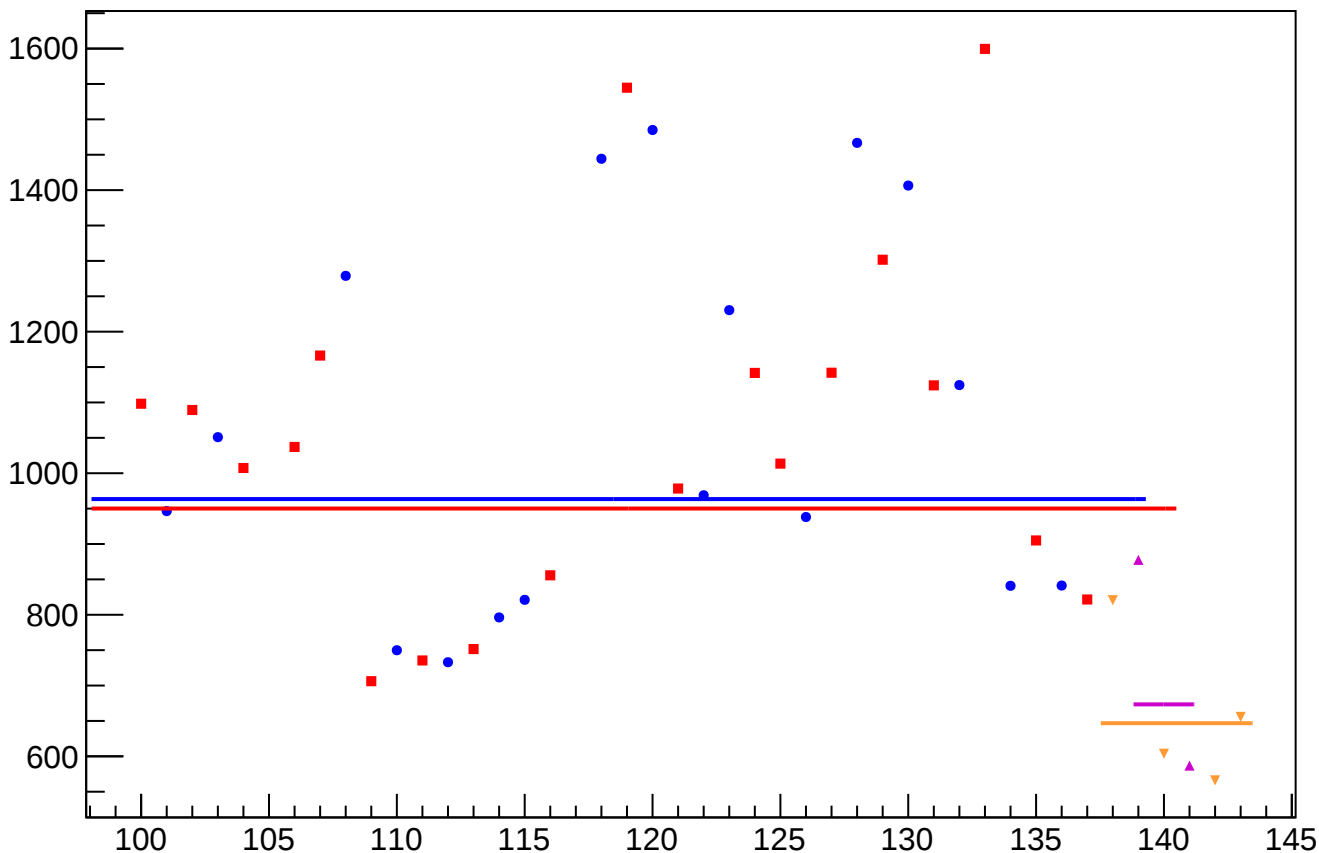
Right: 198.479 ± 265.345 $\chi^2/\text{NDF}: 40.7/35$

In: -108.050 ± 312.445 $\chi^2/\text{NDF}: 27.3/18$

Out: 136.330 ± 269.511 $\chi^2/\text{NDF}: 27.4/22$

All: 32.072 ± 204.078 $\chi^2/\text{NDF}: 55.1/41$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 646.832+/-0.281 χ^2/NDF : 90232.0/3

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 673.419+/-0.380 χ^2/NDF : 122187.9/1

Left: 656.207+/-0.226 χ^2/NDF : 215585.3/5

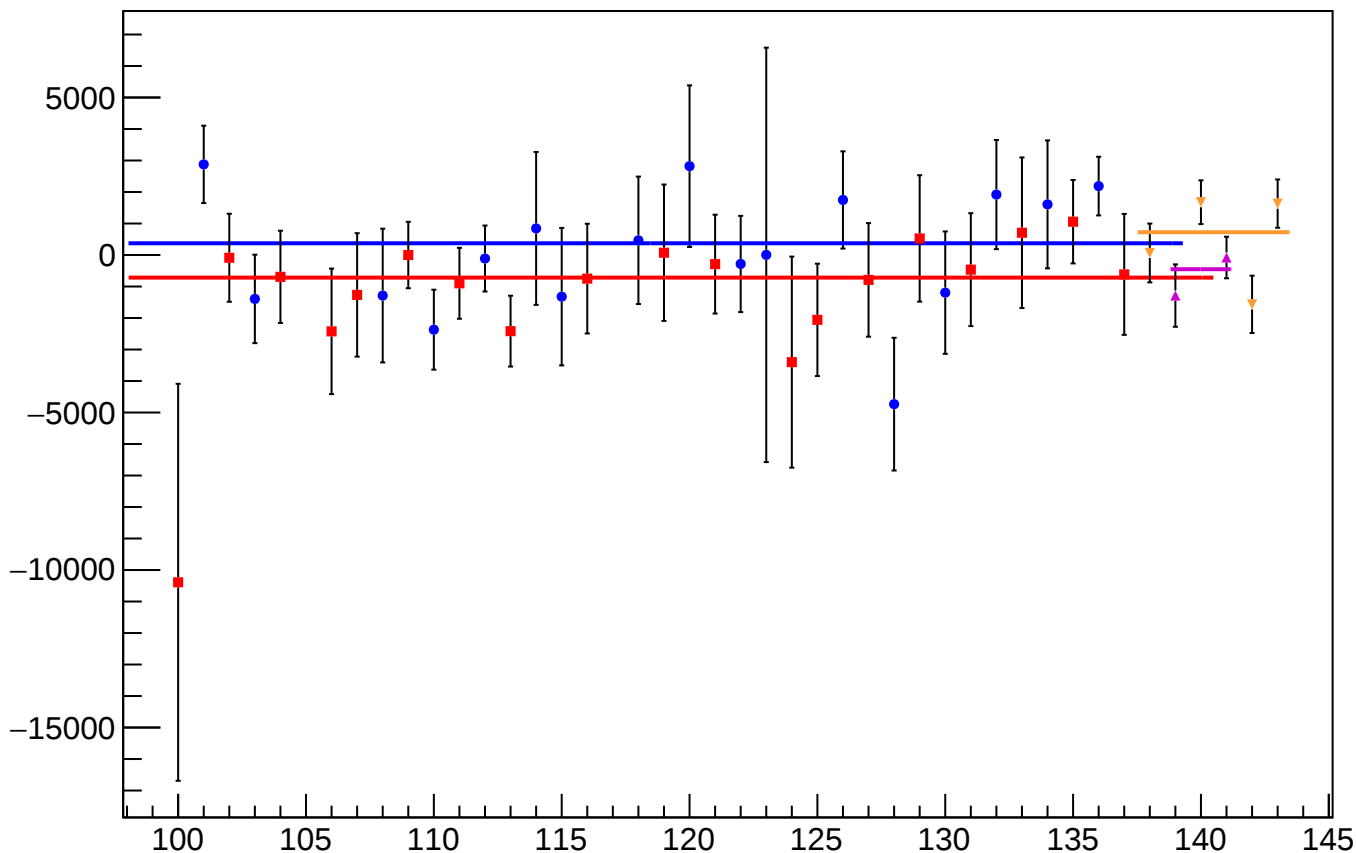
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 865.547+/-0.221 χ^2/NDF : 1196499.0/18

Out: 810.241+/-0.191 χ^2/NDF : 1451567.6/22

All: 833.836+/-0.144 χ^2/NDF : 2683996.8/41

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 723.658 $\pm$ 403.849 χ^2 /NDF:10.1/3

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: 311.212 $\pm$ -325.293 χ^2 /NDF: 14.1/5

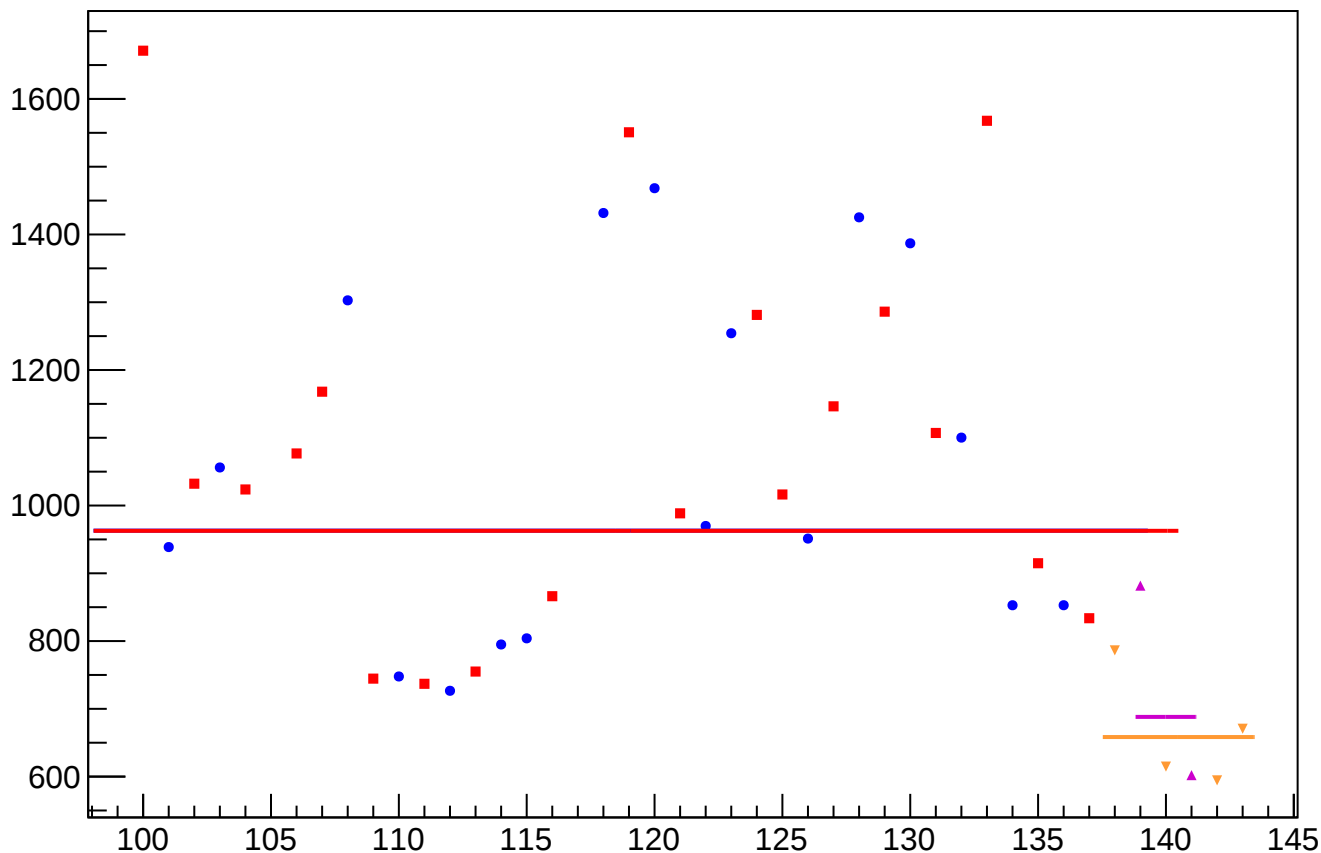
Right: -189.414 $\pm$ -266.986 χ^2 /NDF: 39.6/35

In: 102.579 $\pm$ -314.462 χ^2 /NDF:27.8/18

Out: -56.375 $\pm$ -273.519 χ^2 /NDF:27.1/22

All: 12.087 $\pm$ -206.375 χ^2 /NDF: 55.1/41

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2/NDF : 667521.9/16

Left Out: 658.372 $\pm$ 0.286 χ^2/NDF : 55845.2/3

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: 668.815 $\pm$ 0.230 χ^2/NDF : 170148.7/5

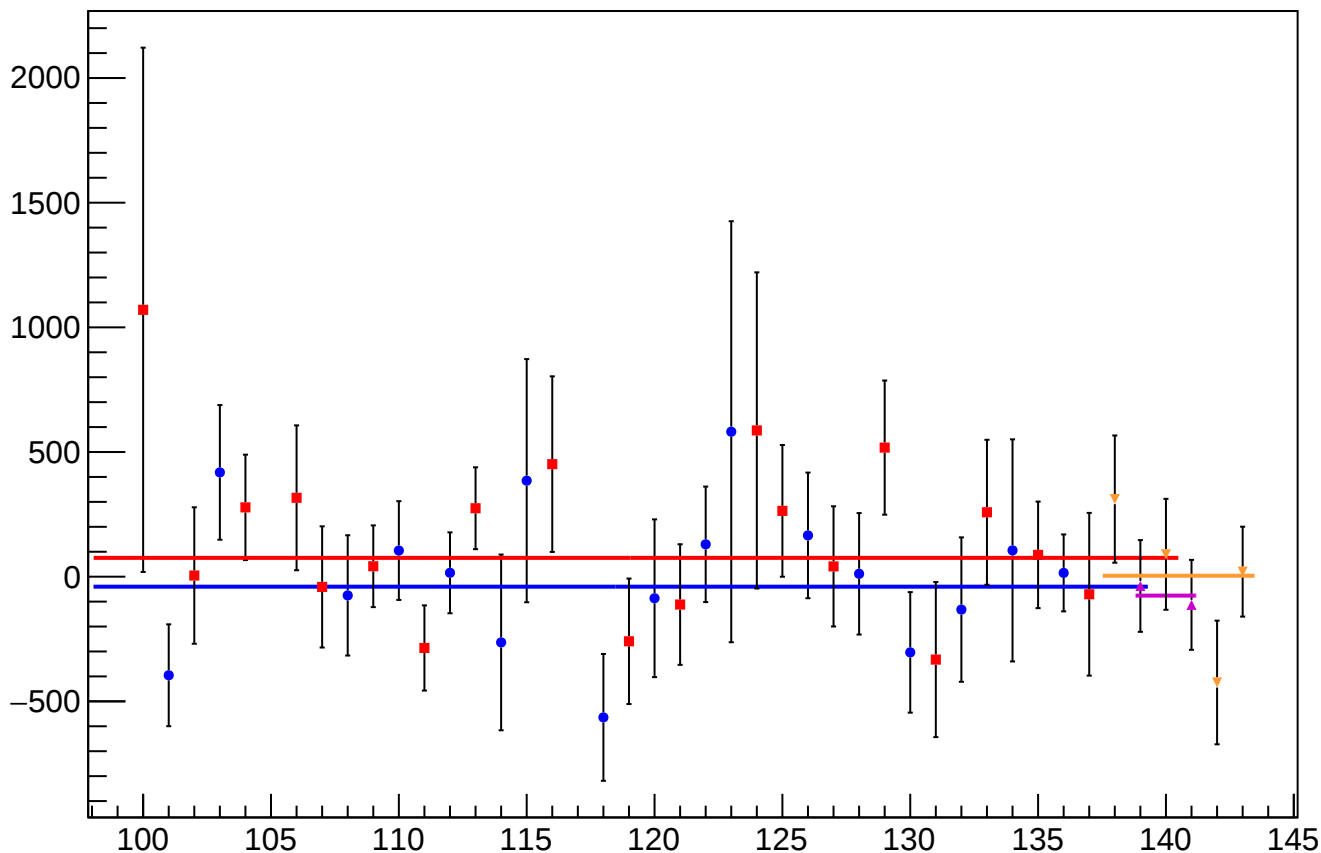
Right: 962.827 $\pm$ 0.189 χ^2/NDF : 1363908.2/35

In: 872.761 $\pm$ 0.222 χ^2/NDF : 1114920.3/18

Out: 823.098 $\pm$ 0.193 χ^2/NDF : 1366961.4/22

All: 844.488 $\pm$ 0.146 χ^2/NDF : 2510280.1/41

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 3.823 ± 110.036 χ^2/NDF : 4.6/3

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: -29.811 ± 83.661 χ^2/NDF : 4.9/5

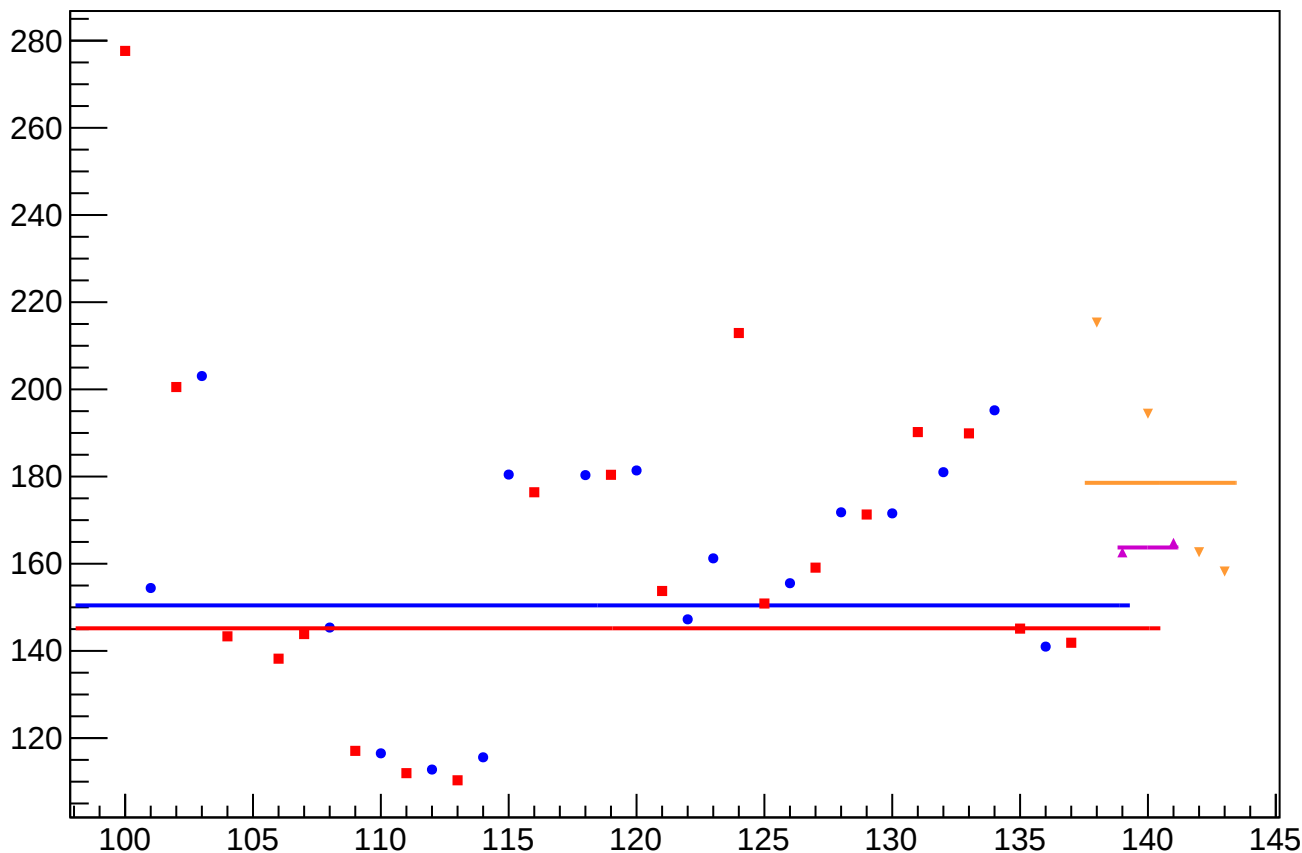
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: -46.371 ± 53.832 χ^2/NDF : 15.5/18

Out: 60.626 ± 50.073 χ^2/NDF : 23.4/22

All: 10.993 ± 36.664 χ^2/NDF : 41.0/41

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: 178.560 $\pm$ 0.078 χ^2/NDF :85403.8/3

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: 172.301 $\pm$ 0.059 χ^2/NDF : 100882.6/5

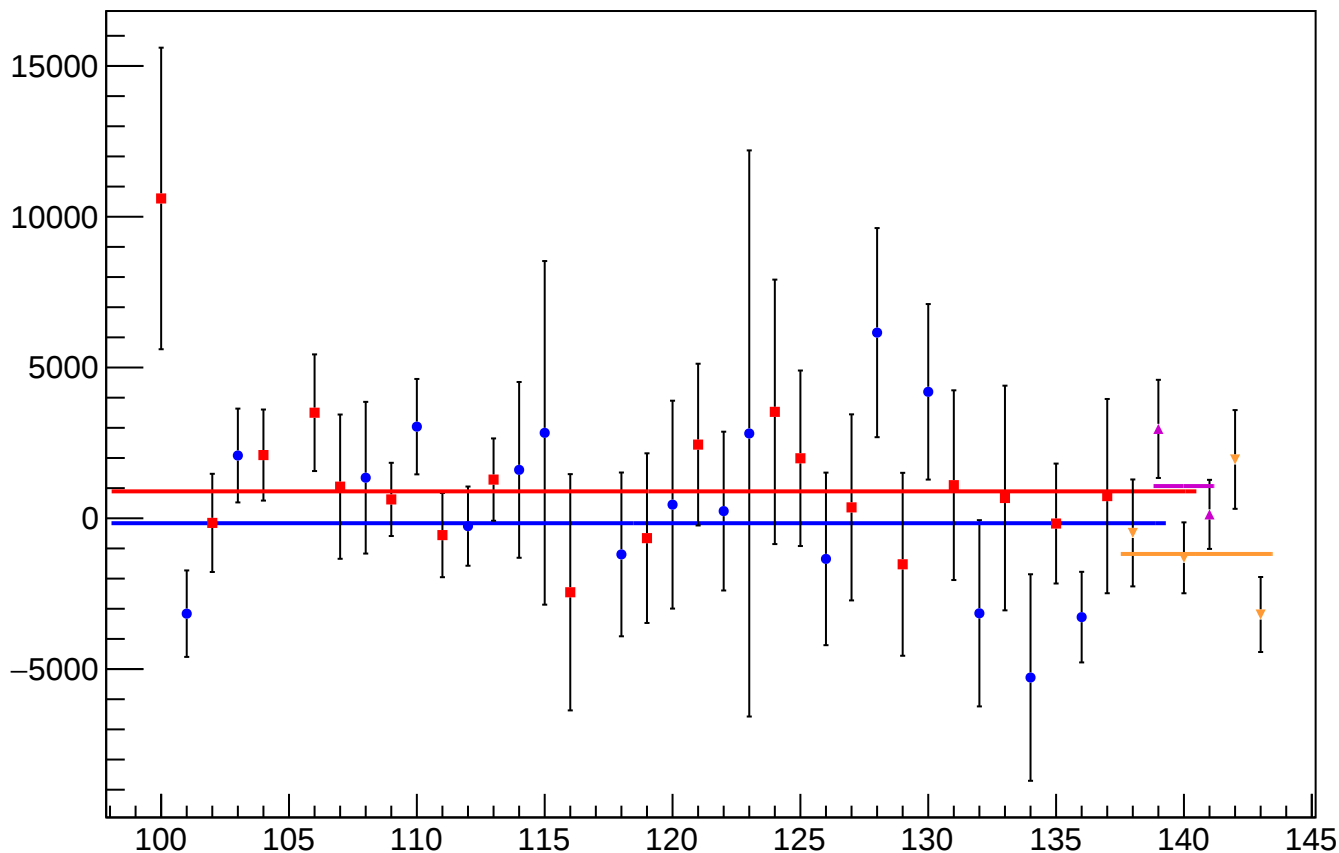
Right: 147.677 $\pm$ 0.029 χ^2/NDF : 944092.7/35

In: 152.762 $\pm$ 0.038 χ^2/NDF :417824.7/18

Out: 152.098 $\pm$ 0.035 χ^2/NDF :766978.1/22

All: 152.406 $\pm$ 0.026 χ^2/NDF : 1184966.1/41

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -1182.425+/-696.519 χ^2/NDF : 6.4/3

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: -380.743+/-558.919 χ^2/NDF : 12.2/5

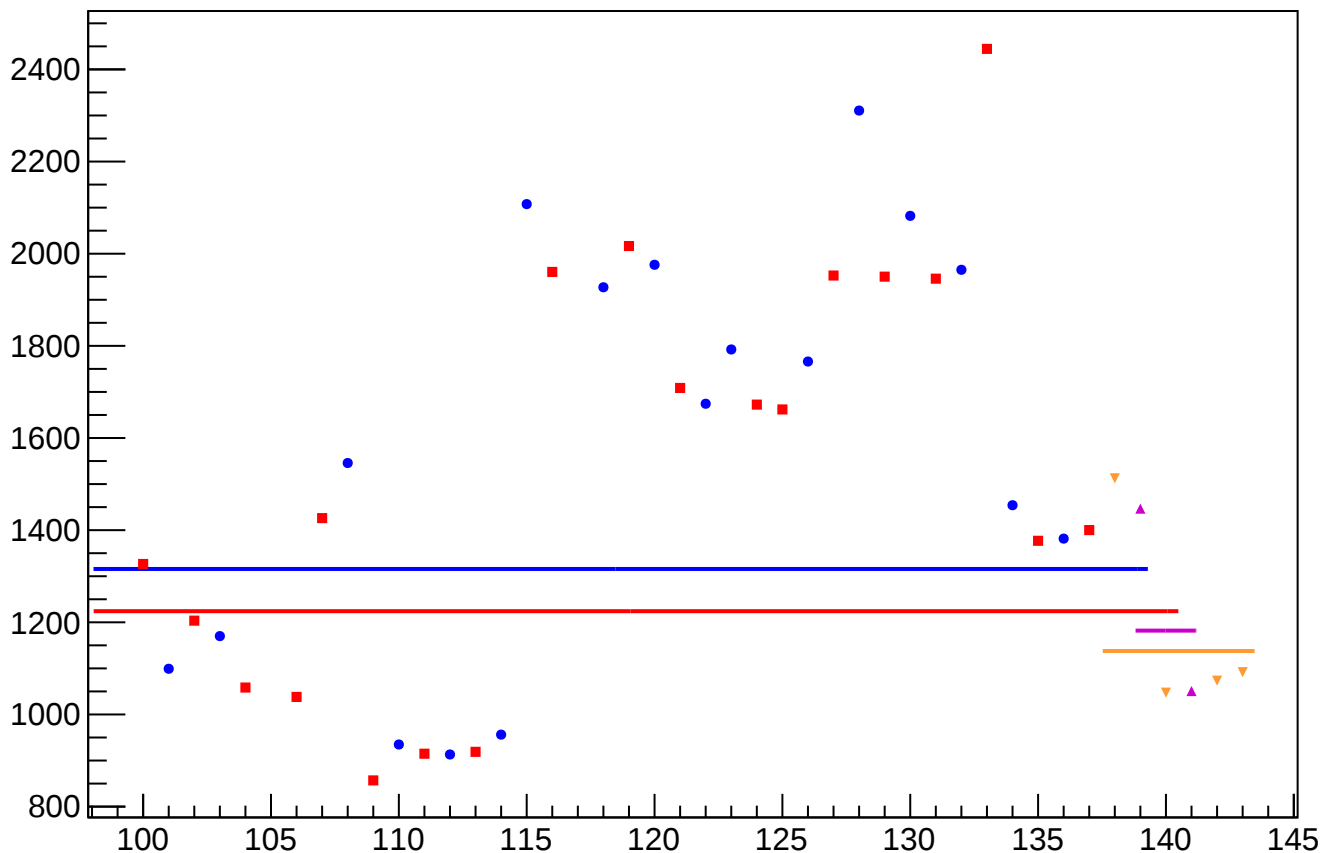
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 138.643+/-463.355 χ^2/NDF : 28.4/18

Out: 216.667+/-397.639 χ^2/NDF : 23.1/22

All: 183.576+/-301.757 χ^2/NDF : 51.5/41

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: 1137.740 $\pm$ 0.493 χ^2 /NDF:107023.5/3

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: 1153.493 $\pm$ 0.395 χ^2 /NDF: 189065.4/5

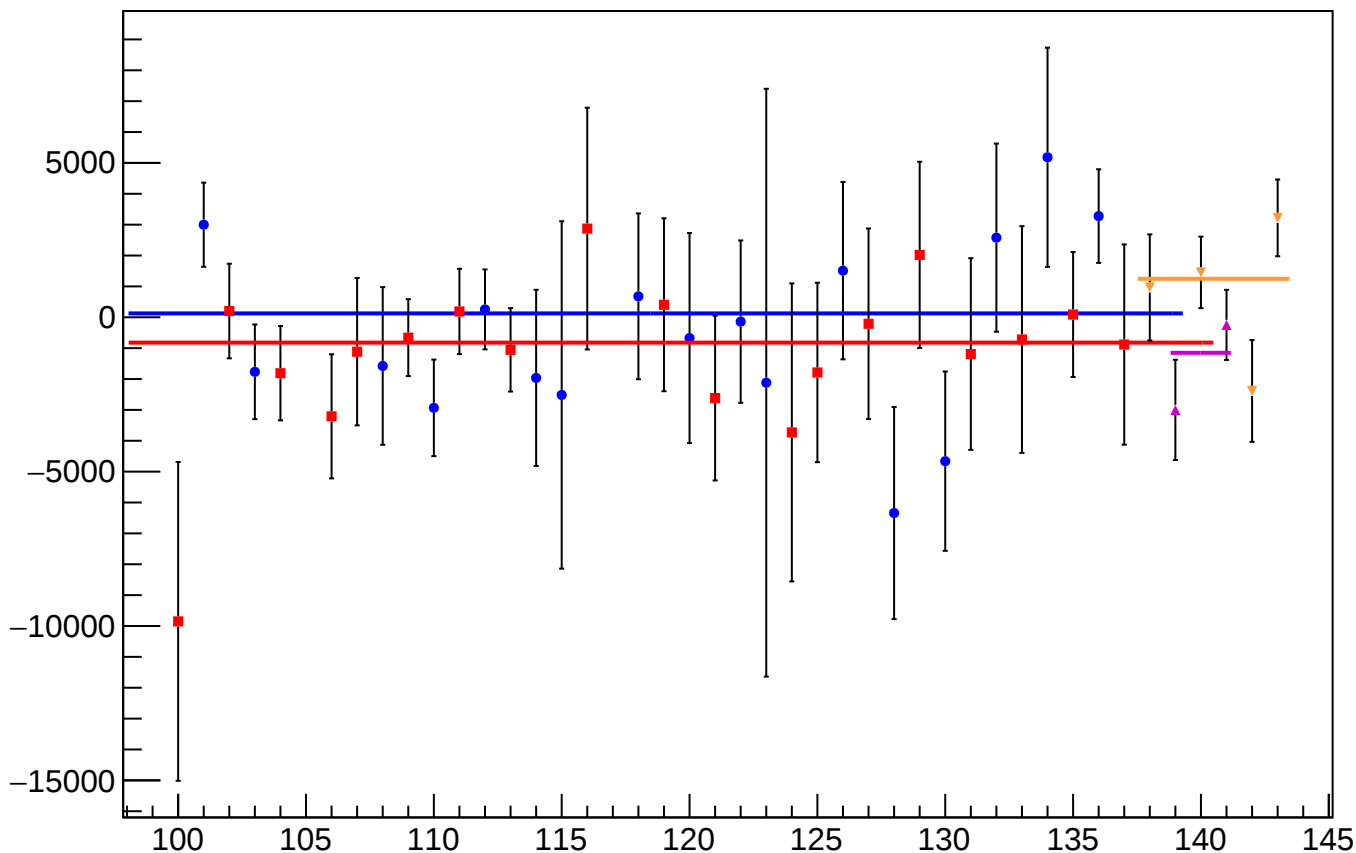
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1283.039 $\pm$ 0.328 χ^2 /NDF:1228343.1/18

Out: 1195.987 $\pm$ 0.281 χ^2 /NDF:1491674.8/22

All: 1232.907 $\pm$ 0.213 χ^2 /NDF: 2760671.2/41

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1247.103 $\pm$ 690.322 χ^2 /NDF: 7.4/3

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: 395.668 $\pm$ 554.402 χ^2 /NDF: 13.6/5

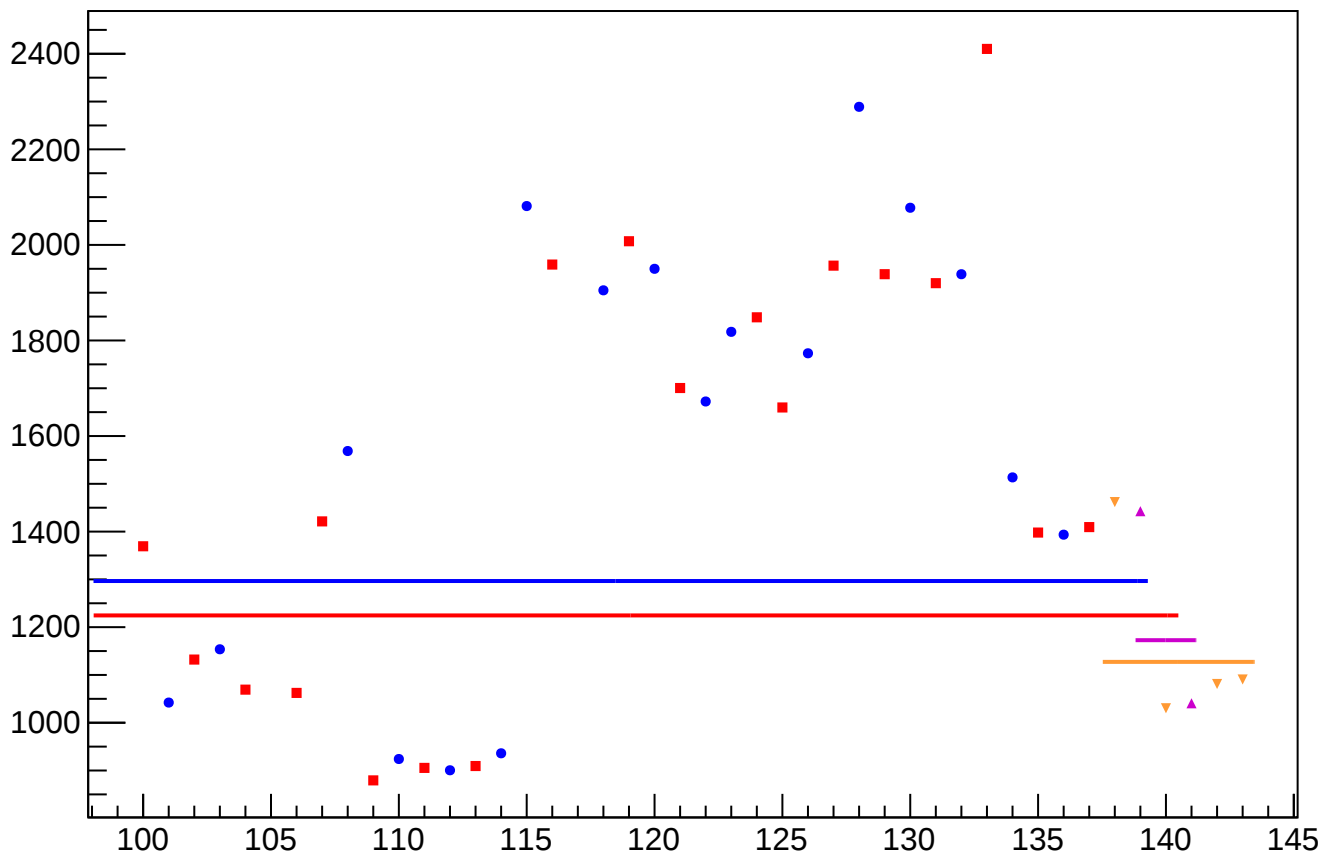
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -184.492 $\pm$ 458.426 χ^2 /NDF: 28.0/18

Out: -137.652 $\pm$ 396.661 χ^2 /NDF: 22.5/22

All: -157.706 $\pm$ 299.960 χ^2 /NDF: 50.5/41

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1127.342 $\pm$ 0.488 χ^2 /NDF: 93078.8/3

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1172.744 $\pm$ 0.658 χ^2 /NDF: 82357.7/1

Left: 1143.461 $\pm$ 0.392 χ^2 /NDF: 178507.8/5

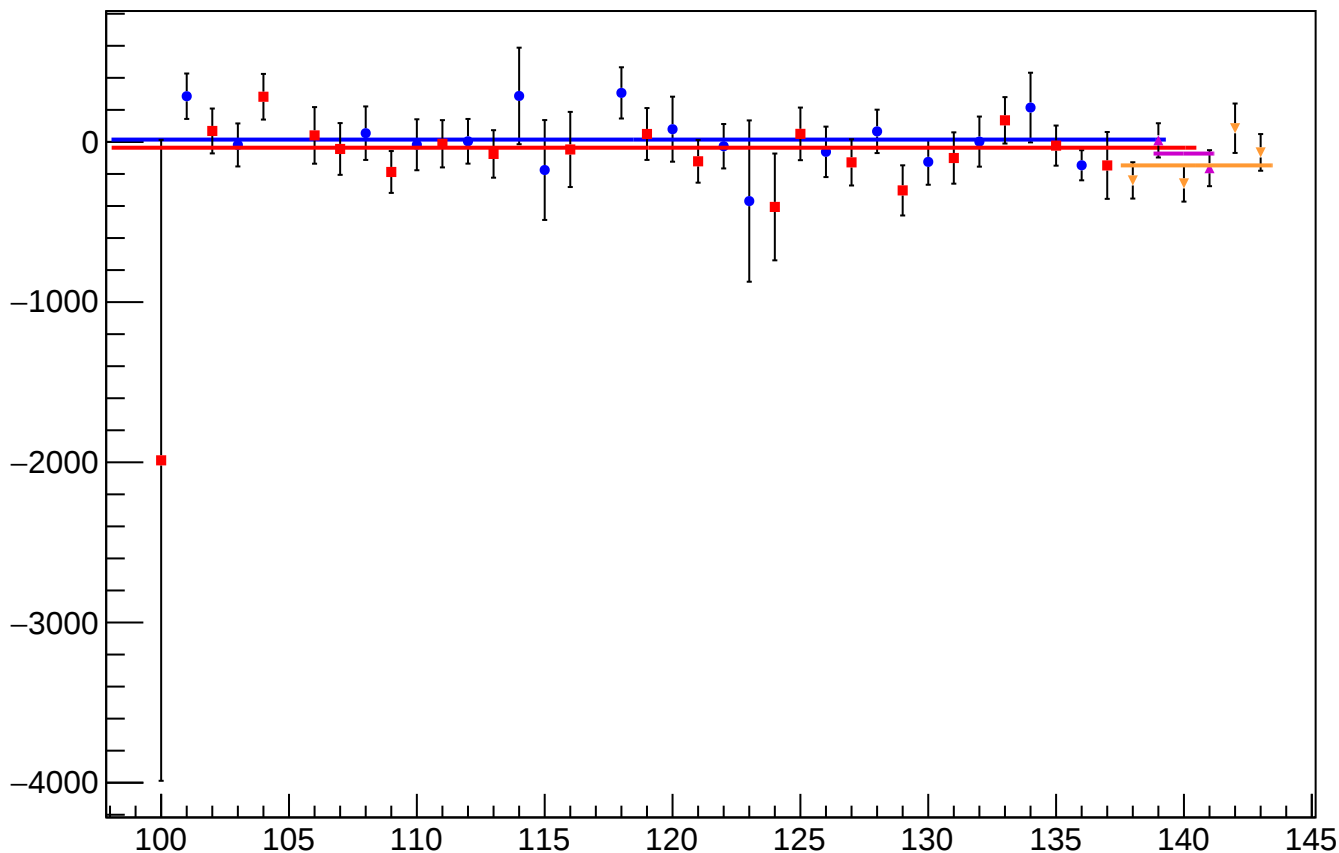
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1266.515 $\pm$ 0.324 χ^2 /NDF: 1284647.1/18

Out: 1192.462 $\pm$ 0.280 χ^2 /NDF: 1467923.2/22

All: 1224.167 $\pm$ 0.212 χ^2 /NDF: 2782414.6/41

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -146.555 ± 60.508 $\chi^2/\text{NDF}: 4.4/3$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -72.713 ± 77.453 $\chi^2/\text{NDF}: 1.3/1$

Left: -118.570 ± 47.682 $\chi^2/\text{NDF}: 6.2/5$

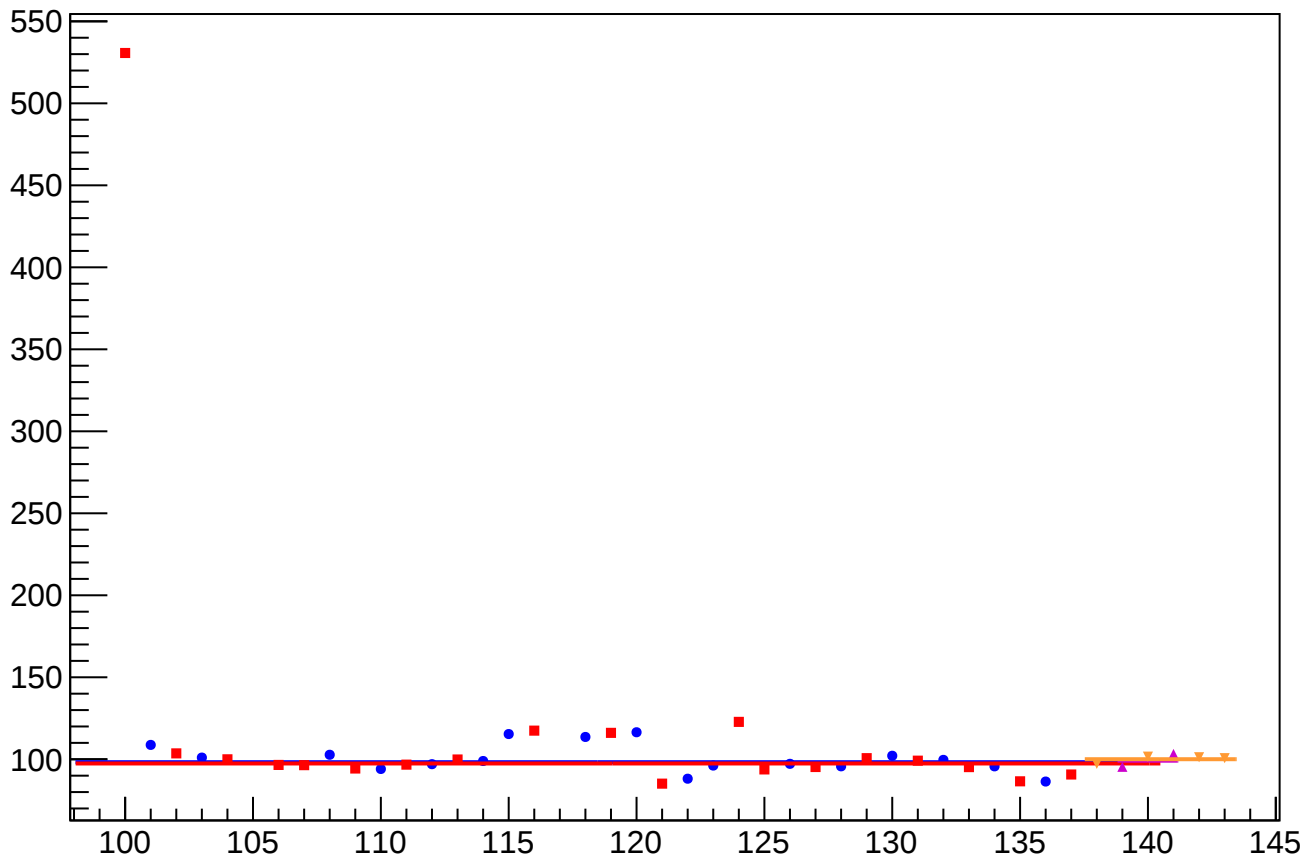
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -2.370 ± 34.127 $\chi^2/\text{NDF}: 16.5/18$

Out: -65.856 ± 31.393 $\chi^2/\text{NDF}: 22.3/22$

All: -36.758 ± 23.104 $\chi^2/\text{NDF}: 40.7/41$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 100.037+/-0.043 χ^2/NDF : 1803.0/3

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: 99.695+/-0.034 χ^2/NDF : 7085.7/5

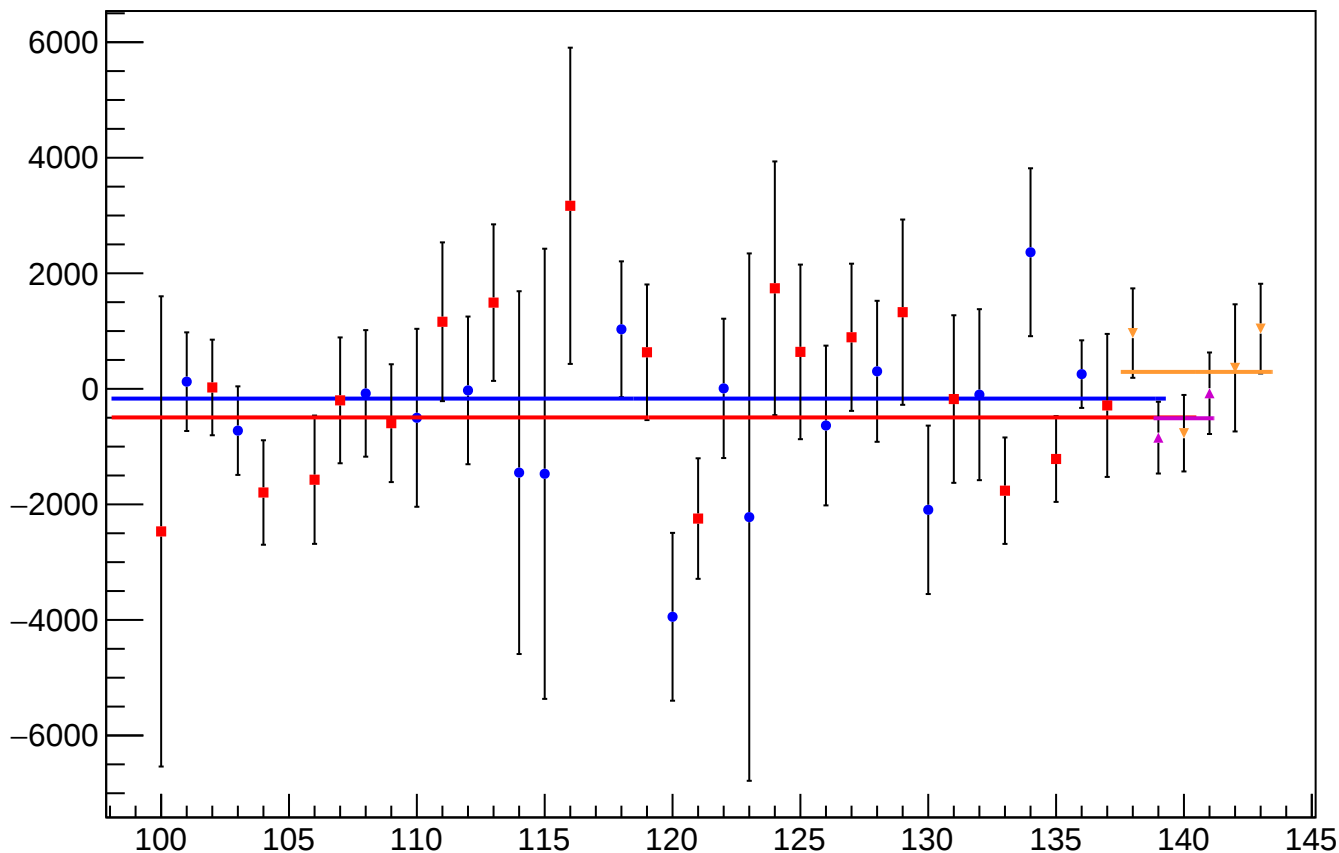
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 98.397+/-0.024 χ^2/NDF : 105849.2/18

Out: 98.136+/-0.022 χ^2/NDF : 194569.7/22

All: 98.256+/-0.016 χ^2/NDF : 300481.9/41

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 293.266 ± 394.230 $\chi^2/\text{NDF}: 4.3/3$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -509.272 ± 466.195 $\chi^2/\text{NDF}: 0.7/1$

Left: -41.346 ± 301.027 $\chi^2/\text{NDF}: 6.7/5$

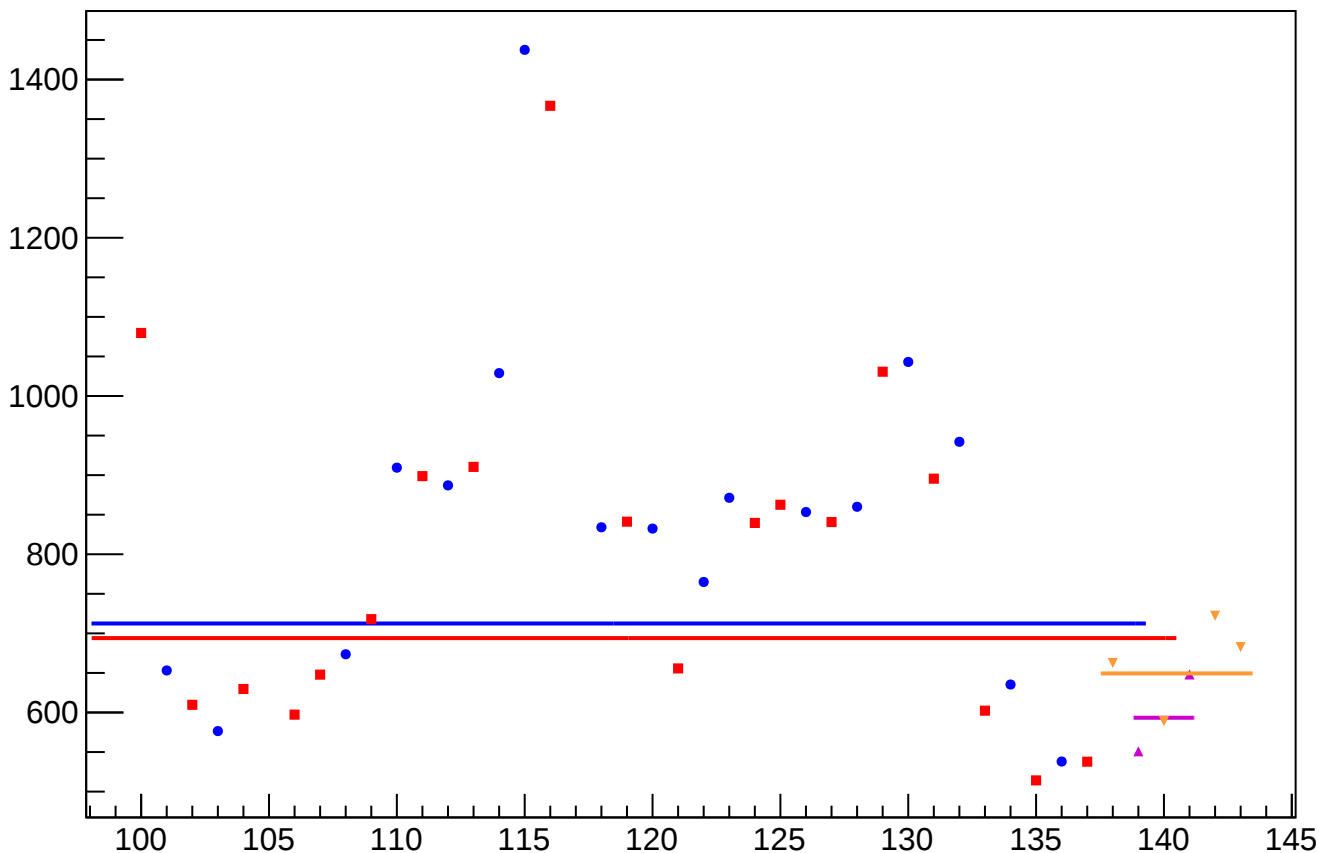
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -260.092 ± 241.402 $\chi^2/\text{NDF}: 15.6/18$

Out: -246.488 ± 221.314 $\chi^2/\text{NDF}: 26.8/22$

All: -252.701 ± 163.133 $\chi^2/\text{NDF}: 42.5/41$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 649.360+/-0.279 χ^2/NDF : 29600.3/3

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: 626.011+/-0.213 χ^2/NDF : 67773.2/5

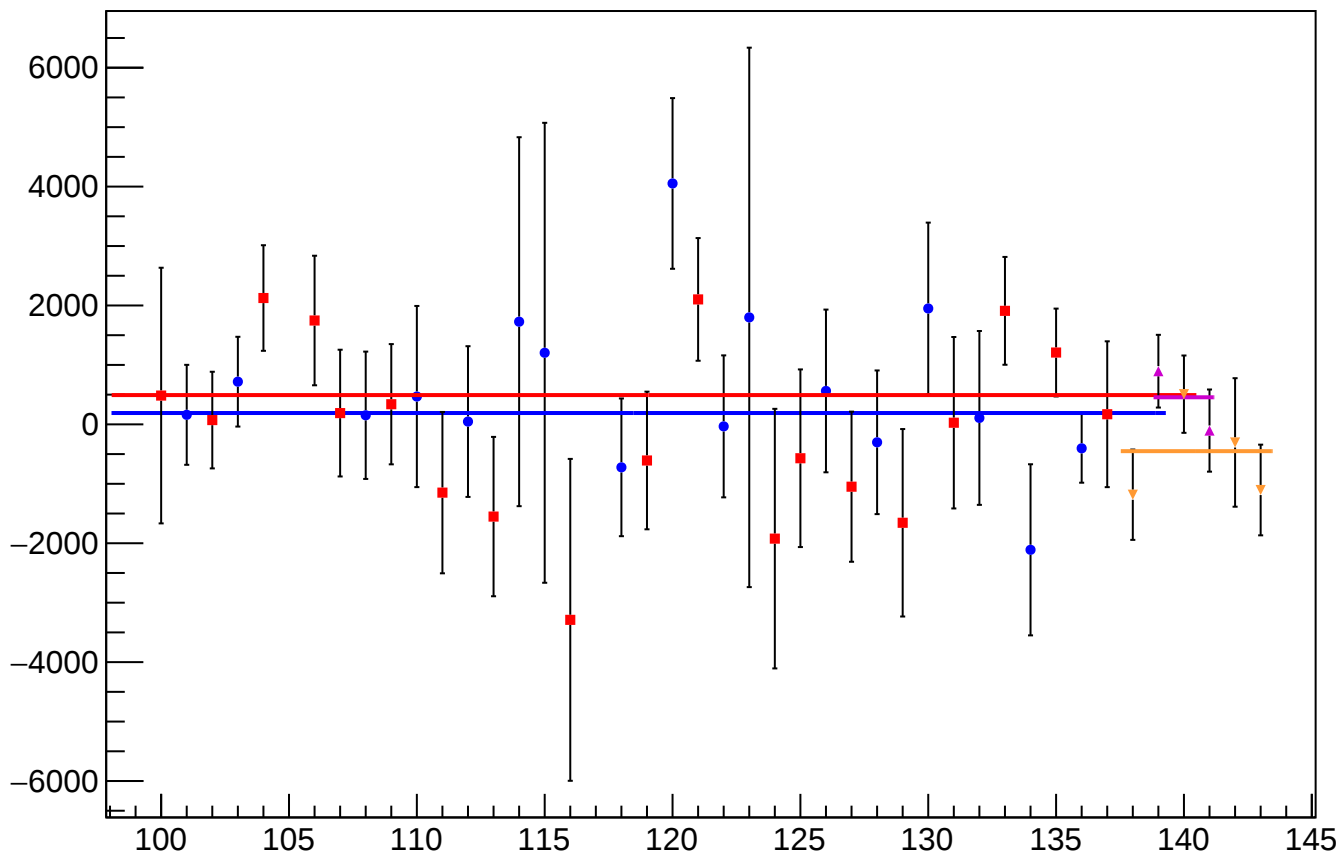
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 680.537+/-0.171 χ^2/NDF : 777425.4/18

Out: 679.942+/-0.156 χ^2/NDF : 722162.8/22

All: 680.214+/-0.115 χ^2/NDF : 1499594.9/41

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -450.783 $\pm$ 387.219 χ^2 /NDF:3.9/3

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: -73.058 $\pm$ 295.720 χ^2 /NDF: 7.3/5

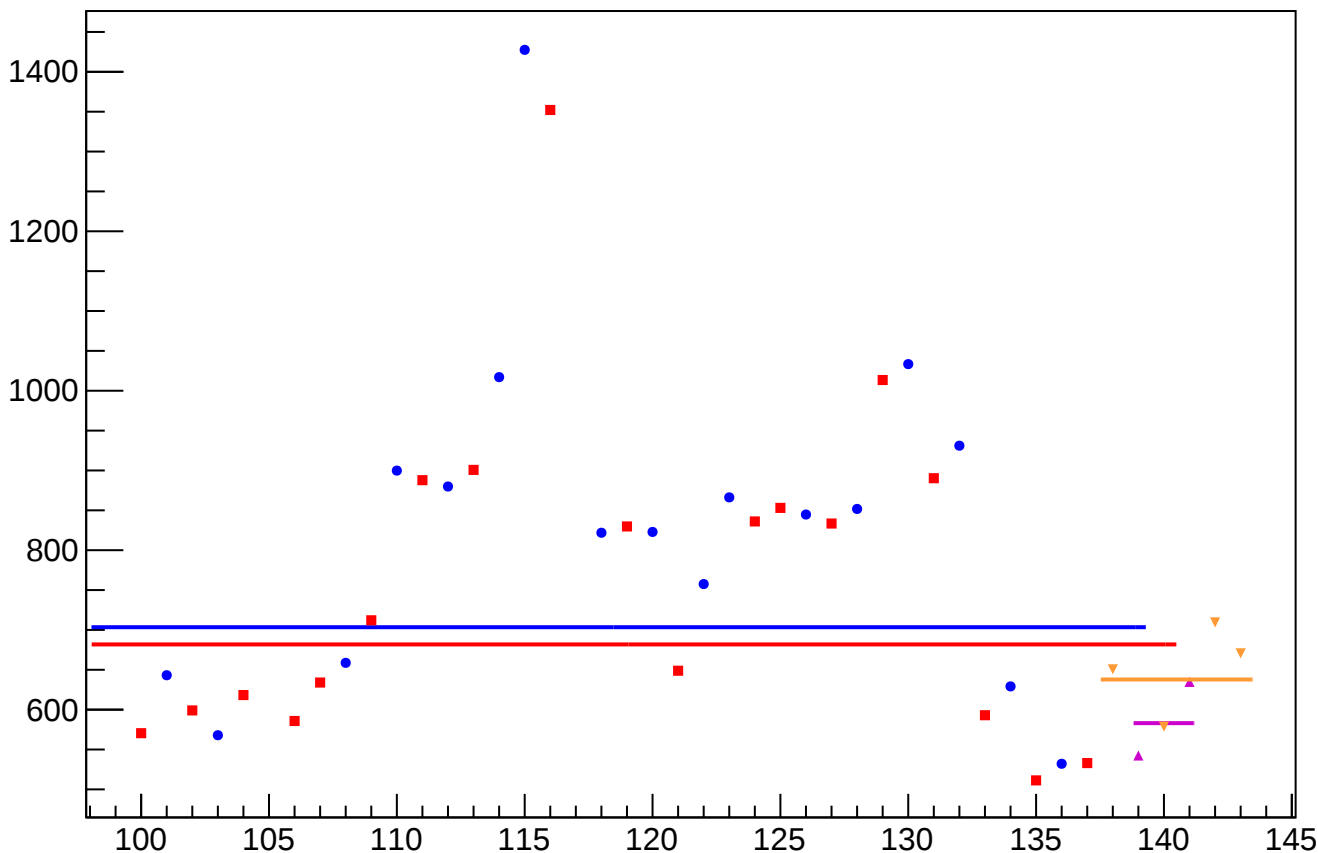
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 262.374 $\pm$ 238.076 χ^2 /NDF:15.6/18

Out: 195.374 $\pm$ 217.363 χ^2 /NDF:30.7/22

All: 225.833 $\pm$ 160.523 χ^2 /NDF: 46.4/41

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 637.817+/-0.274 χ^2/NDF : 29546.5/3

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: 615.001+/-0.209 χ^2/NDF : 66216.3/5

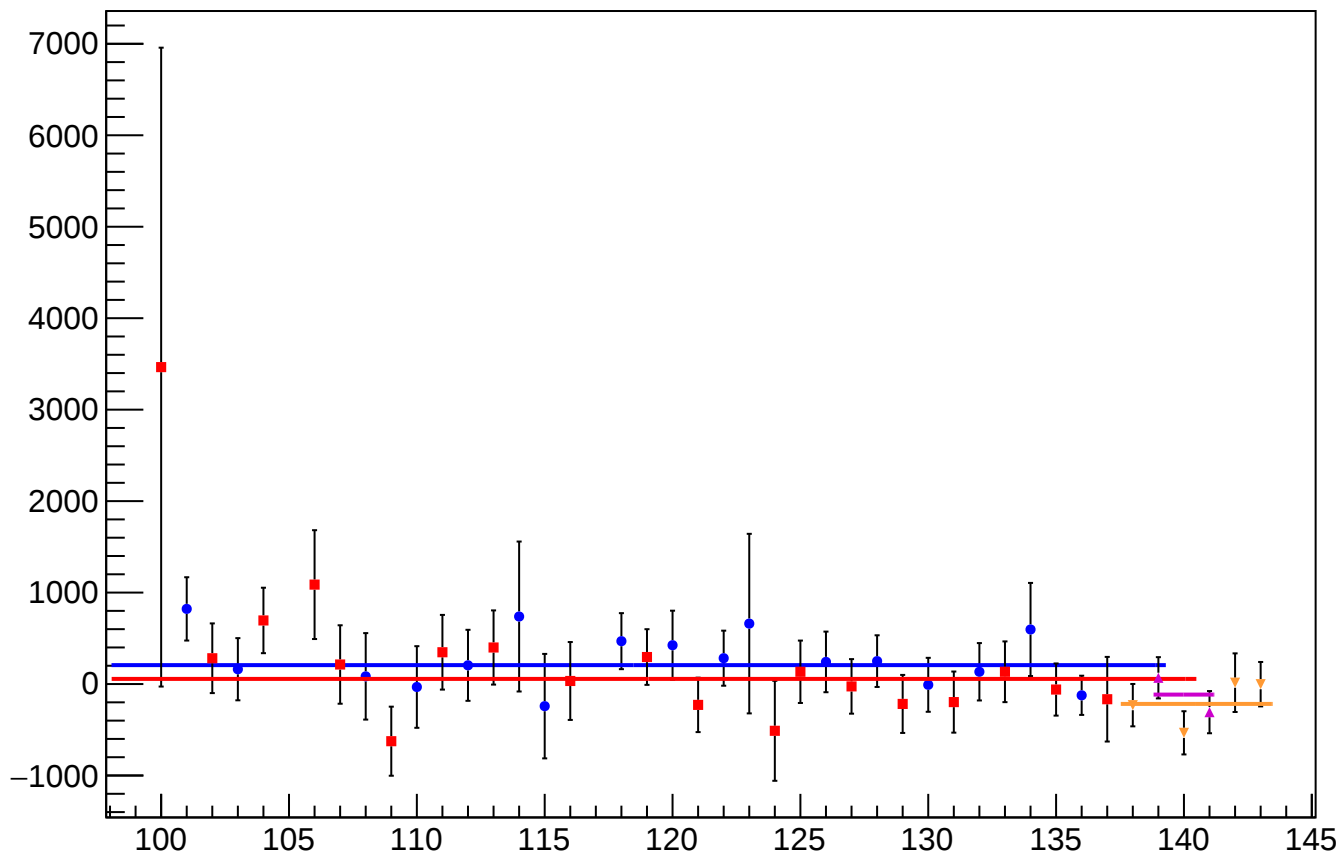
Right: 691.968+/-0.135 χ^2/NDF : 1338046.5/35

In: 670.901+/-0.168 χ^2/NDF : 787632.2/18

Out: 667.945+/-0.154 χ^2/NDF : 712022.6/22

All: 669.289+/-0.114 χ^2/NDF : 1499823.0/41

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: -217.293 $\pm$ 125.731 χ^2 /NDF:3.1/3

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: -178.760 $\pm$ 99.158 χ^2 /NDF: 4.7/5

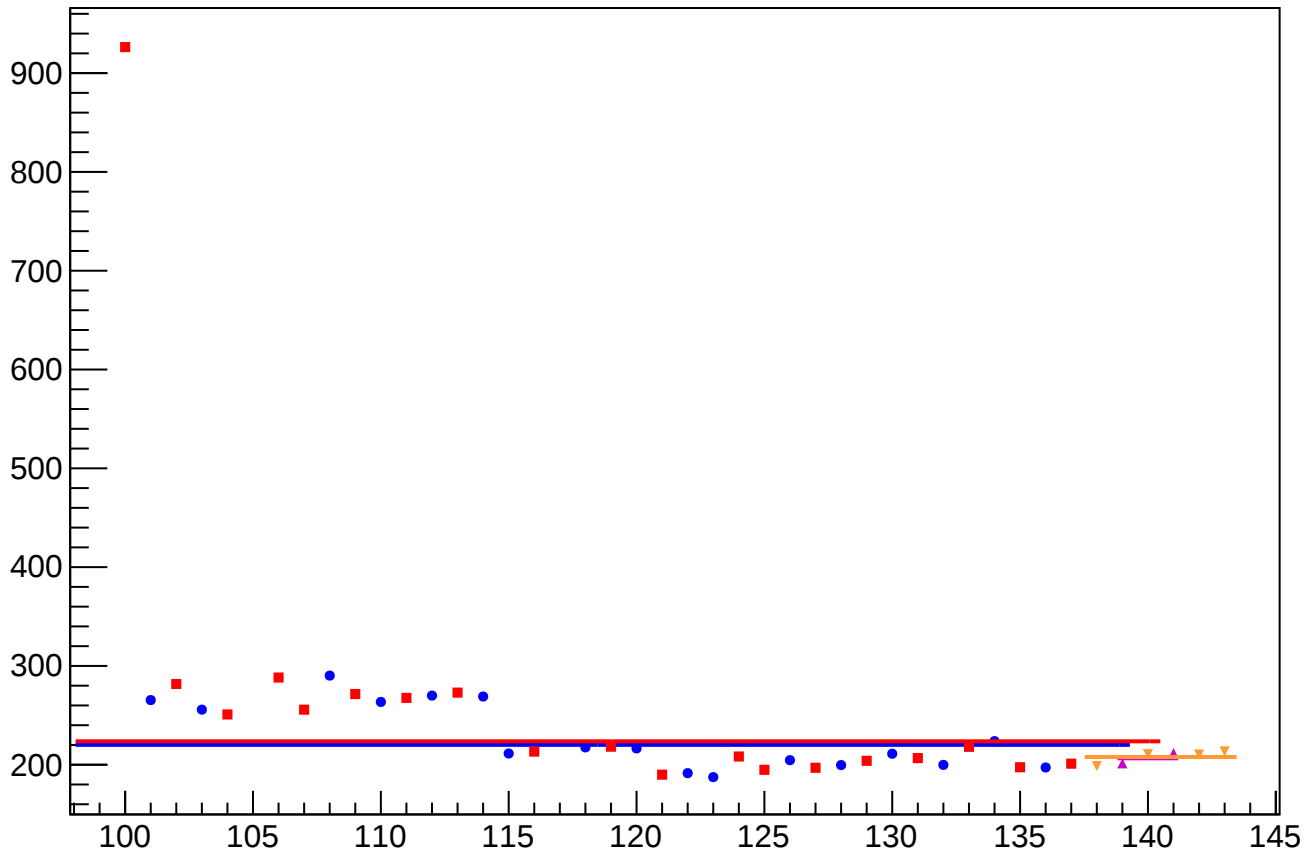
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: 136.006 $\pm$ 75.631 χ^2 /NDF:14.0/18

Out: -29.811 $\pm$ 70.513 χ^2 /NDF:23.0/22

All: 47.297 $\pm$ 51.575 χ^2 /NDF: 39.5/41

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 207.830 $\pm$ 0.089 χ^2 /NDF: 4678.1/3

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 206.508 $\pm$ 0.114 χ^2 /NDF: 2079.0/1

Left: 207.330 $\pm$ 0.070 χ^2 /NDF: 6840.6/5

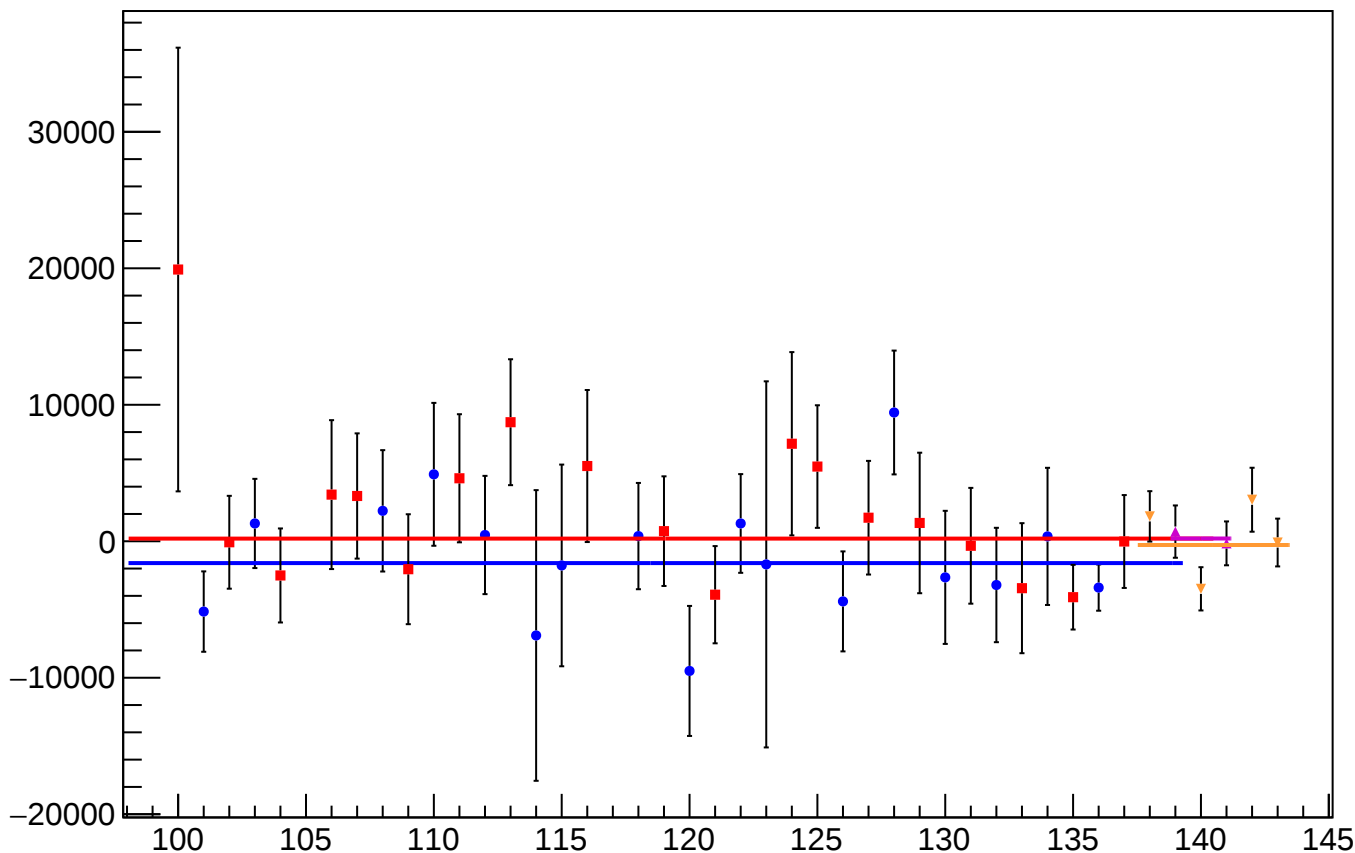
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 217.136 $\pm$ 0.053 χ^2 /NDF: 241657.5/18

Out: 218.712 $\pm$ 0.050 χ^2 /NDF: 379778.5/22

All: 217.979 $\pm$ 0.036 χ^2 /NDF: 621900.5/41

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 ± 921.042 χ^2/NDF : 16.6/16

Left Out: -274.012 ± 912.908 χ^2/NDF : 7.4/3

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: -105.151 ± 733.360 χ^2/NDF : 7.6/5

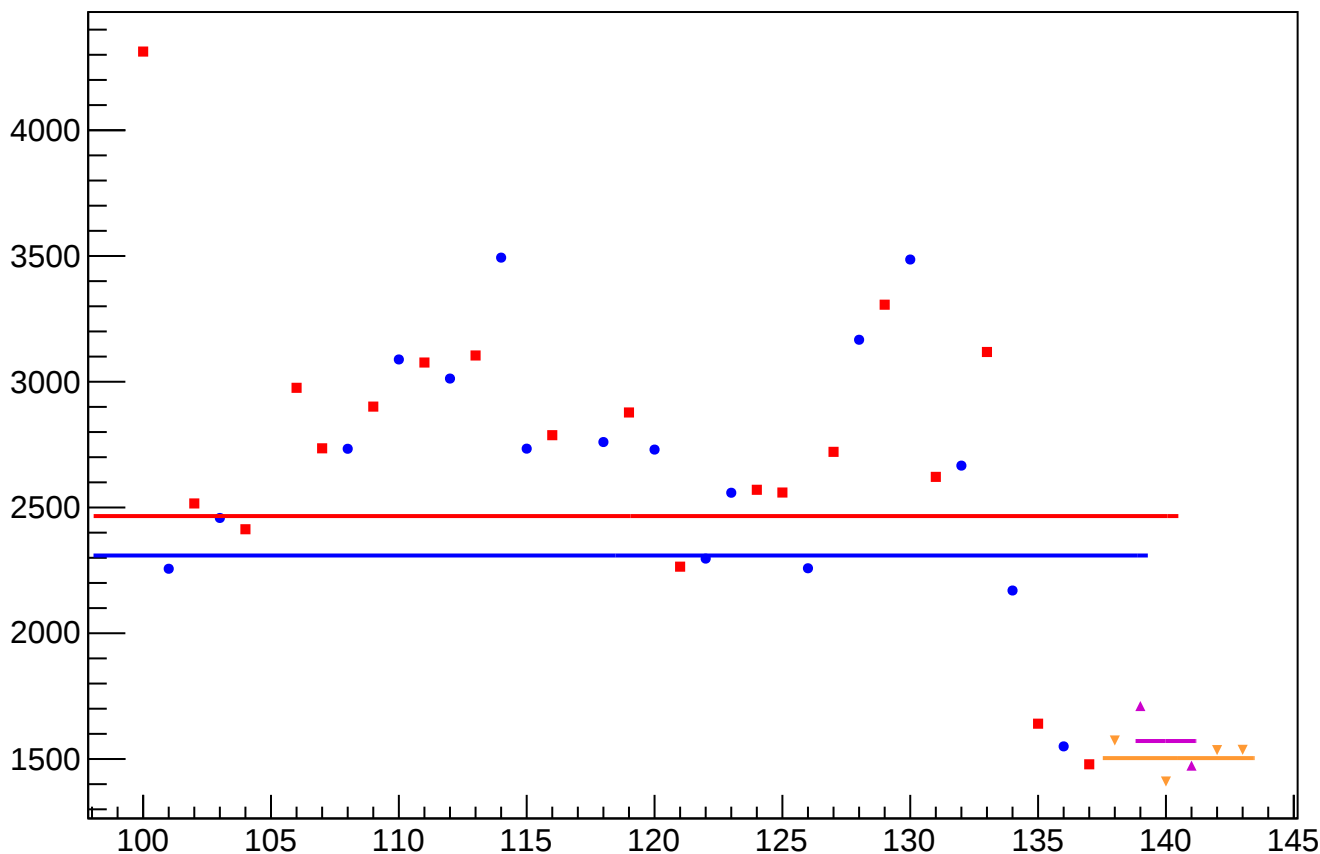
Right: -727.416 ± 660.424 χ^2/NDF : 34.8/35

In: -952.900 ± 737.557 χ^2/NDF : 18.1/18

Out: -48.233 ± 657.406 χ^2/NDF : 23.8/22

All: -448.757 ± 490.756 χ^2/NDF : 42.8/41

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1503.579+/-0.646 χ^2/NDF : 10855.5/3

Right Out: 2465.900+/-0.670 χ^2/NDF : 694086.3/18

Left In: 1571.535+/-0.871 χ^2/NDF : 17953.7/1

Left: 1527.681+/-0.519 χ^2/NDF : 32739.7/5

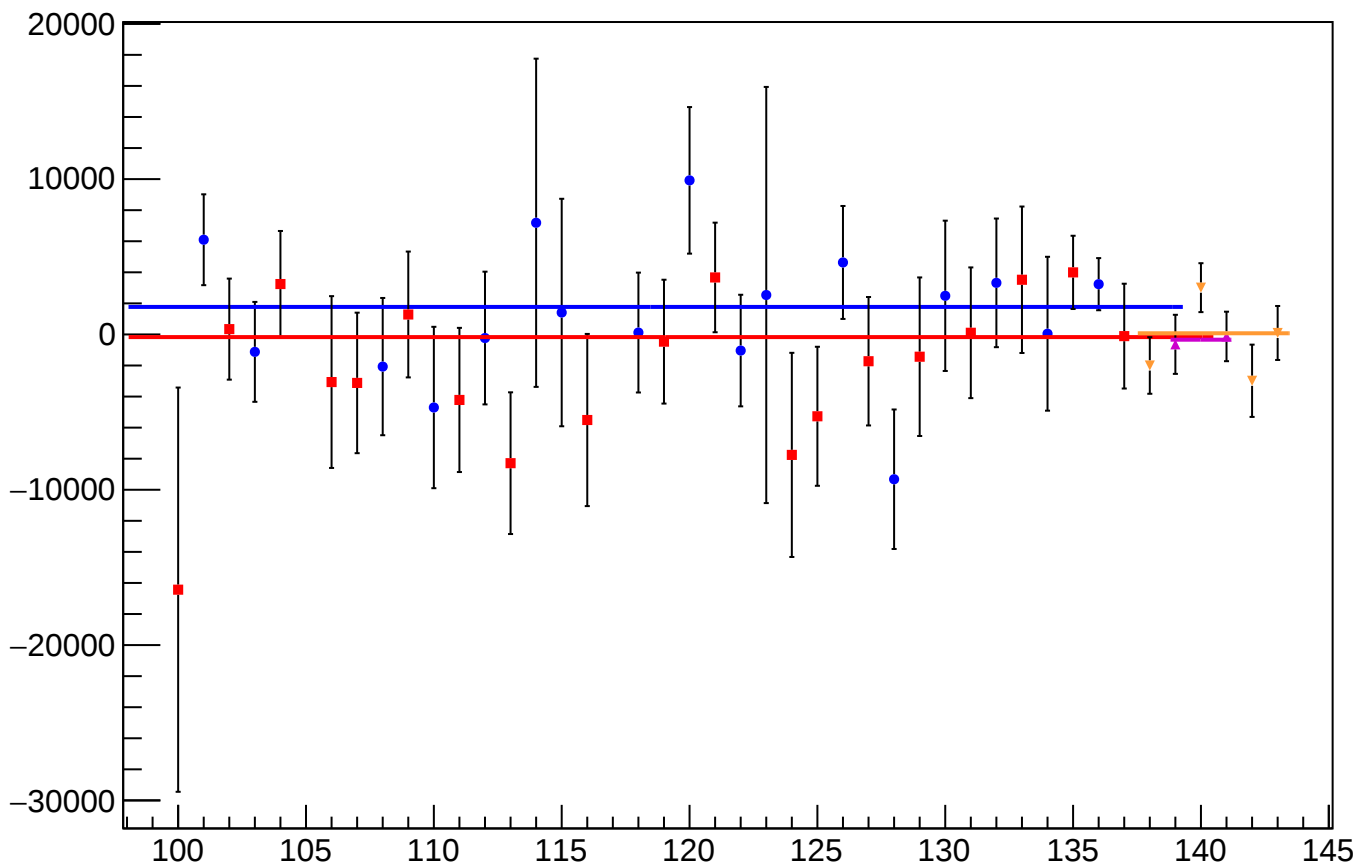
Right: 2385.298+/-0.467 χ^2/NDF : 1522965.3/35

In: 2044.524+/-0.522 χ^2/NDF : 1278824.3/18

Out: 1966.862+/-0.465 χ^2/NDF : 1774839.4/22

All: 2001.246+/-0.347 χ^2/NDF : 3066021.0/41

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 75.031+/-905.127 χ^2/NDF : 6.5/3

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: -71.688+/-727.224 χ^2/NDF : 6.6/5

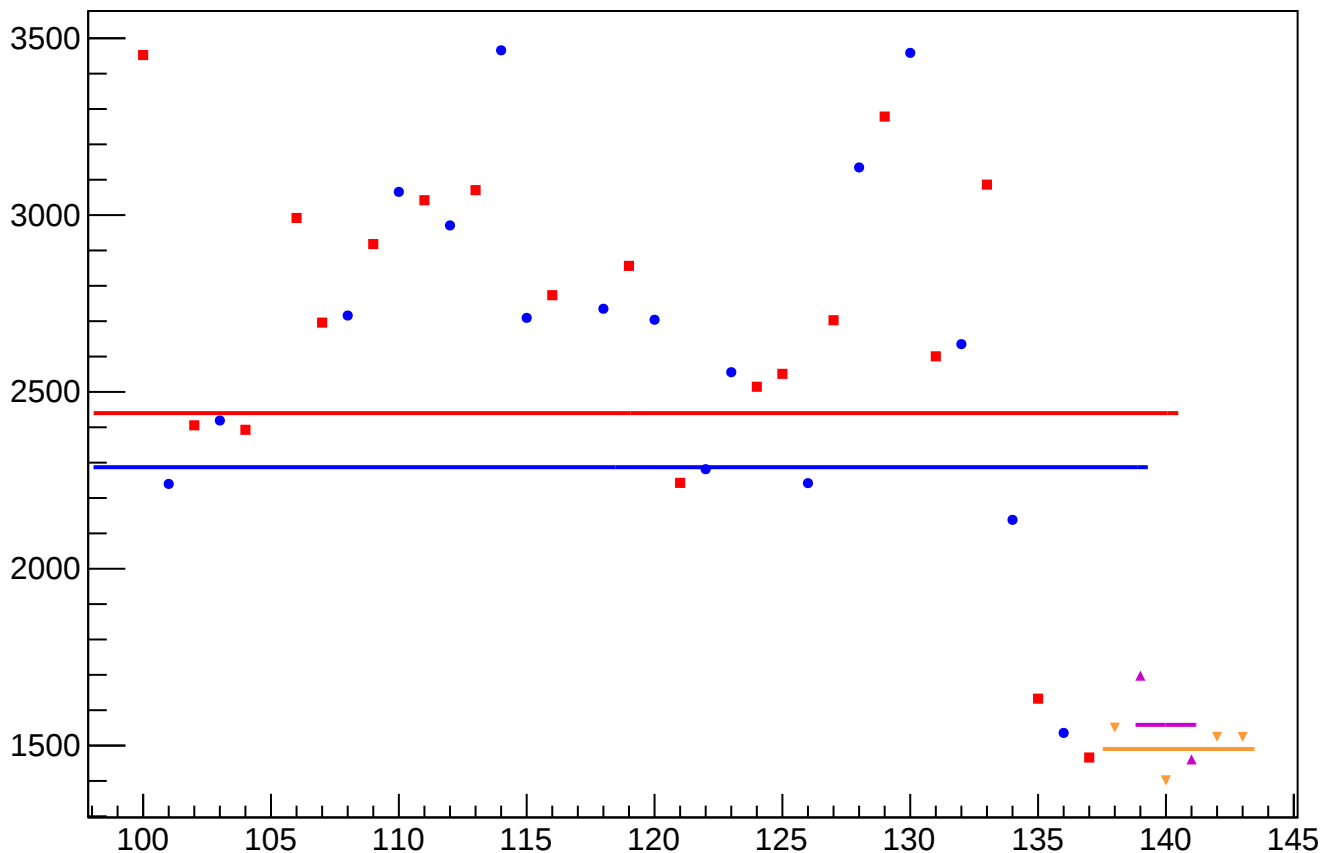
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 1015.624+/-730.943 χ^2/NDF : 19.3/18

Out: -43.628+/-651.135 χ^2/NDF : 22.6/22

All: 425.035+/-486.199 χ^2/NDF : 43.0/41

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1490.378+/-0.640 χ^2/NDF : 9769.8/3

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: 1514.567+/-0.514 χ^2/NDF : 31996.1/5

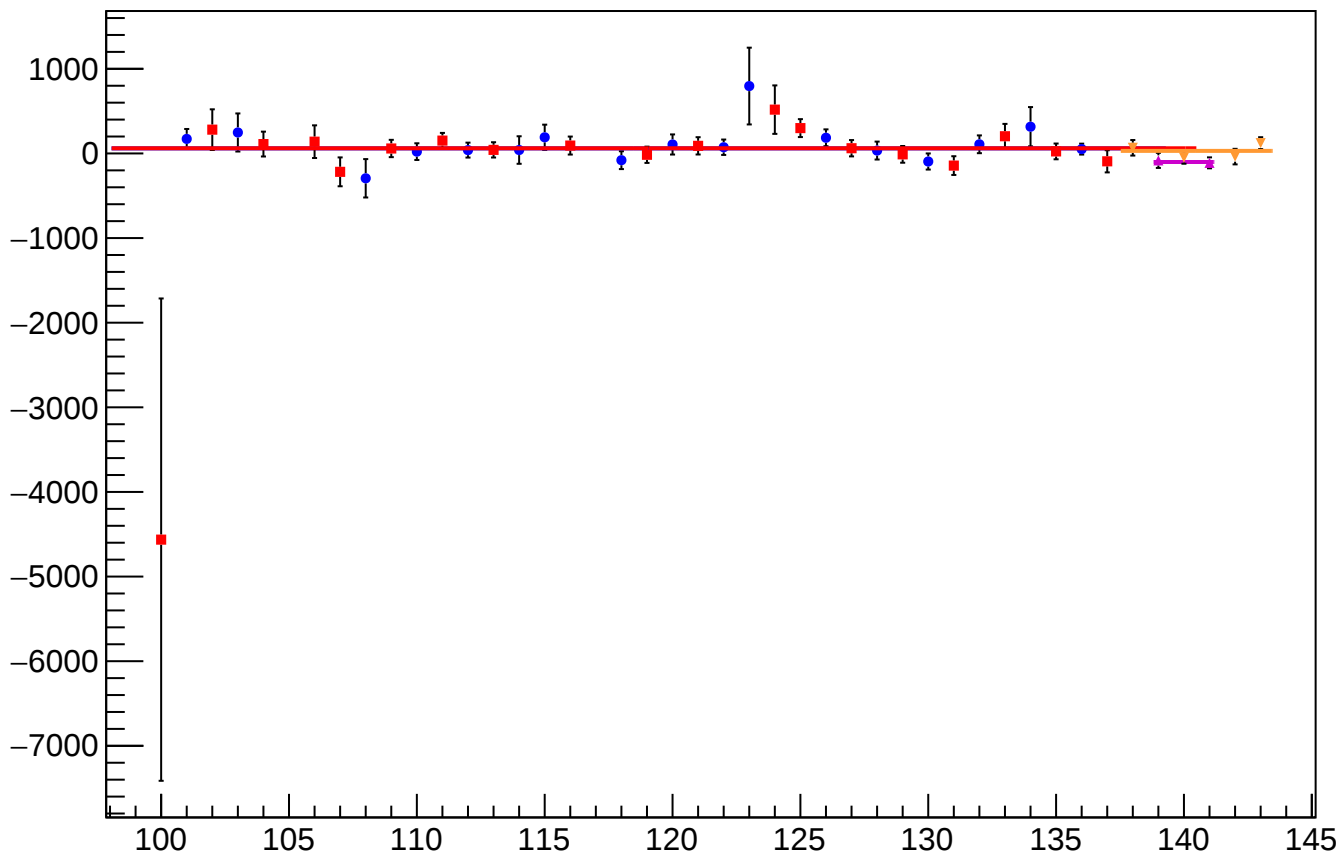
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 2026.229+/-0.517 χ^2/NDF : 1274238.3/18

Out: 1948.588+/-0.460 χ^2/NDF : 1751202.2/22

All: 1982.940+/-0.344 χ^2/NDF : 3038022.2/41

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: 30.219+/-39.890 χ^2/NDF : 3.6/3

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: -18.034+/-31.728 χ^2/NDF : 7.6/5

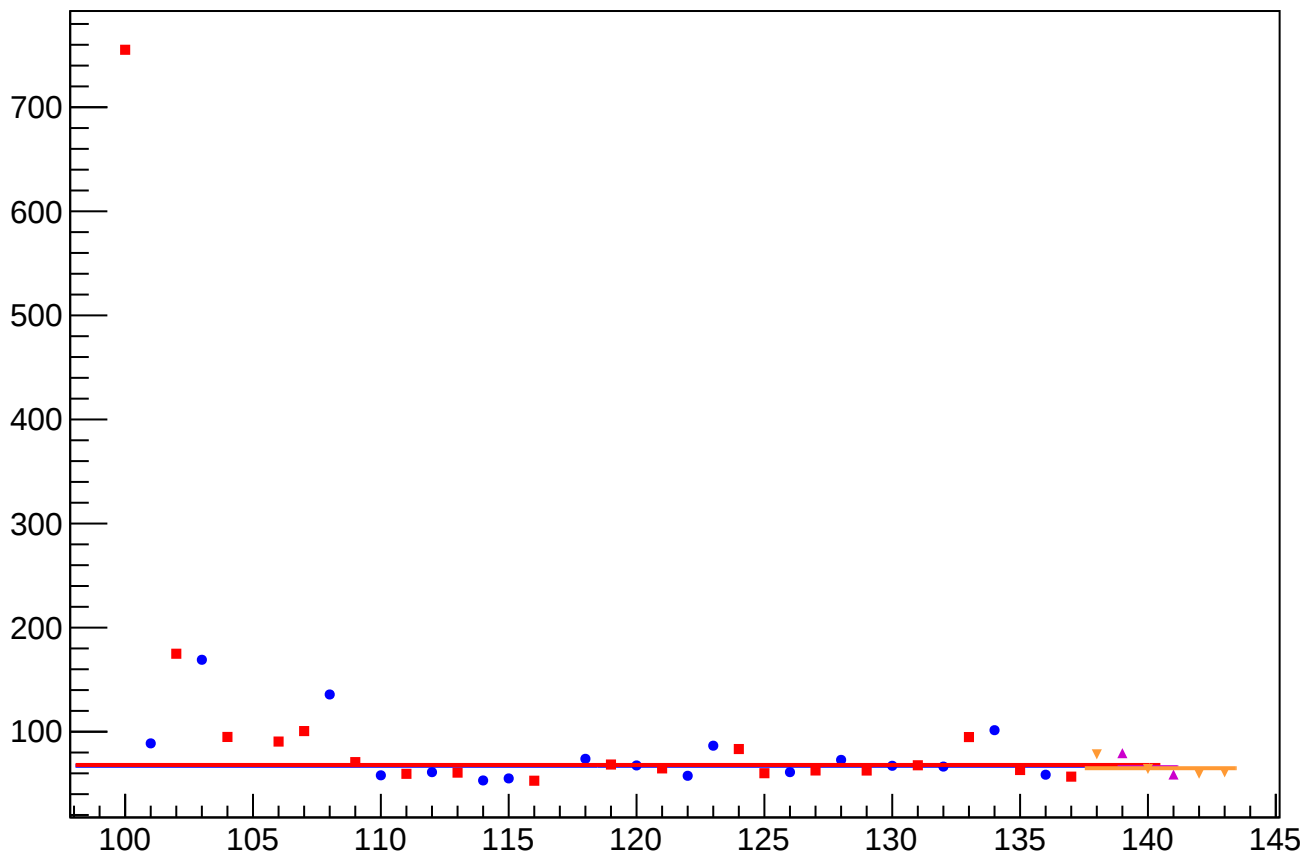
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: 25.713+/-24.052 χ^2/NDF : 22.8/18

Out: 51.313+/-22.365 χ^2/NDF : 26.3/22

All: 39.442+/-16.378 χ^2/NDF : 49.8/41

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: 64.929 $\pm$ 0.028 χ^2 /NDF: 55465.9/3

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: 65.299 $\pm$ 0.022 χ^2 /NDF: 125264.9/5

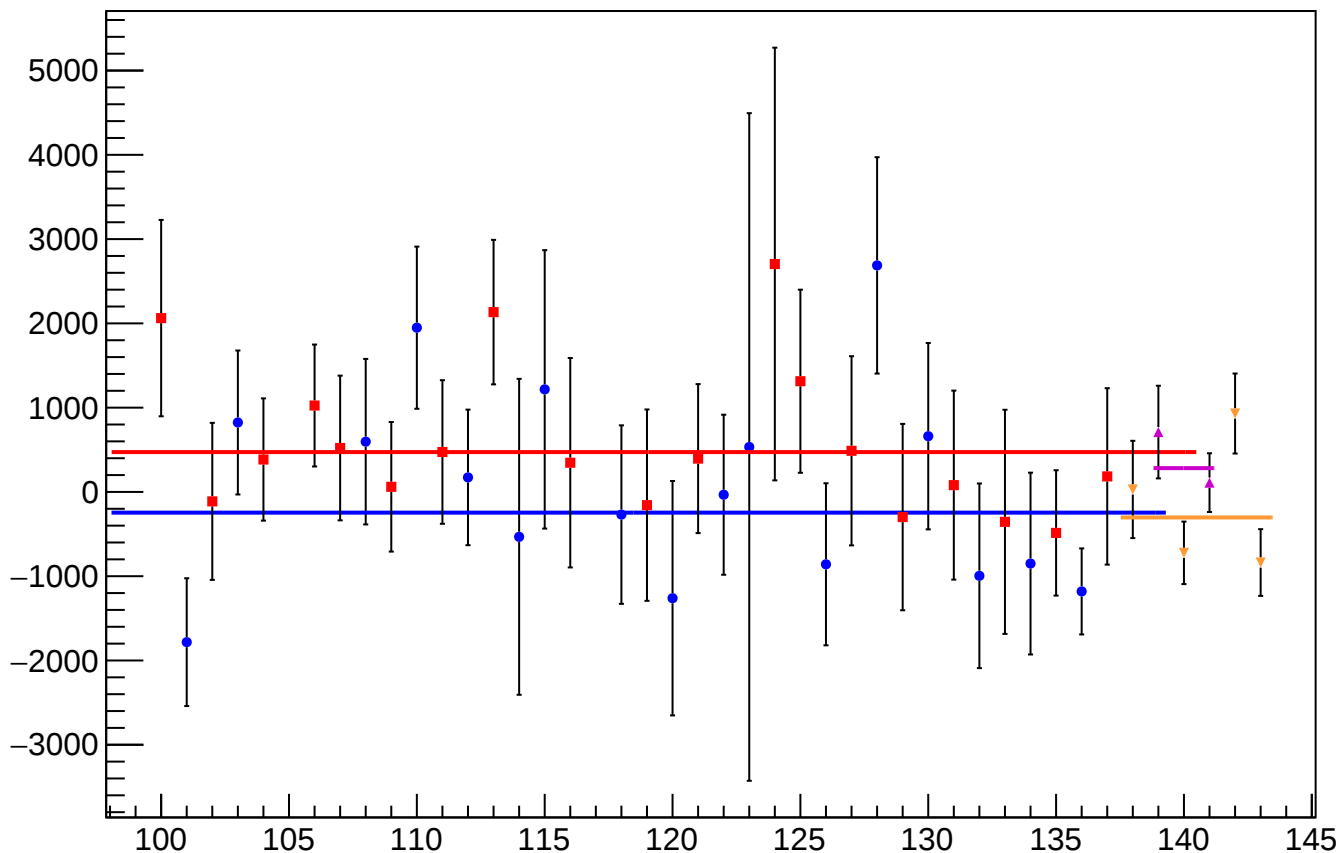
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 67.009 $\pm$ 0.017 χ^2 /NDF: 911752.1/18

Out: 67.076 $\pm$ 0.016 χ^2 /NDF: 934528.0/22

All: 67.045 $\pm$ 0.012 χ^2 /NDF: 1846288.3/41

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -302.958 ± 217.703 χ^2/NDF : 10.2/3

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: -96.048 ± 175.047 χ^2/NDF : 13.6/5

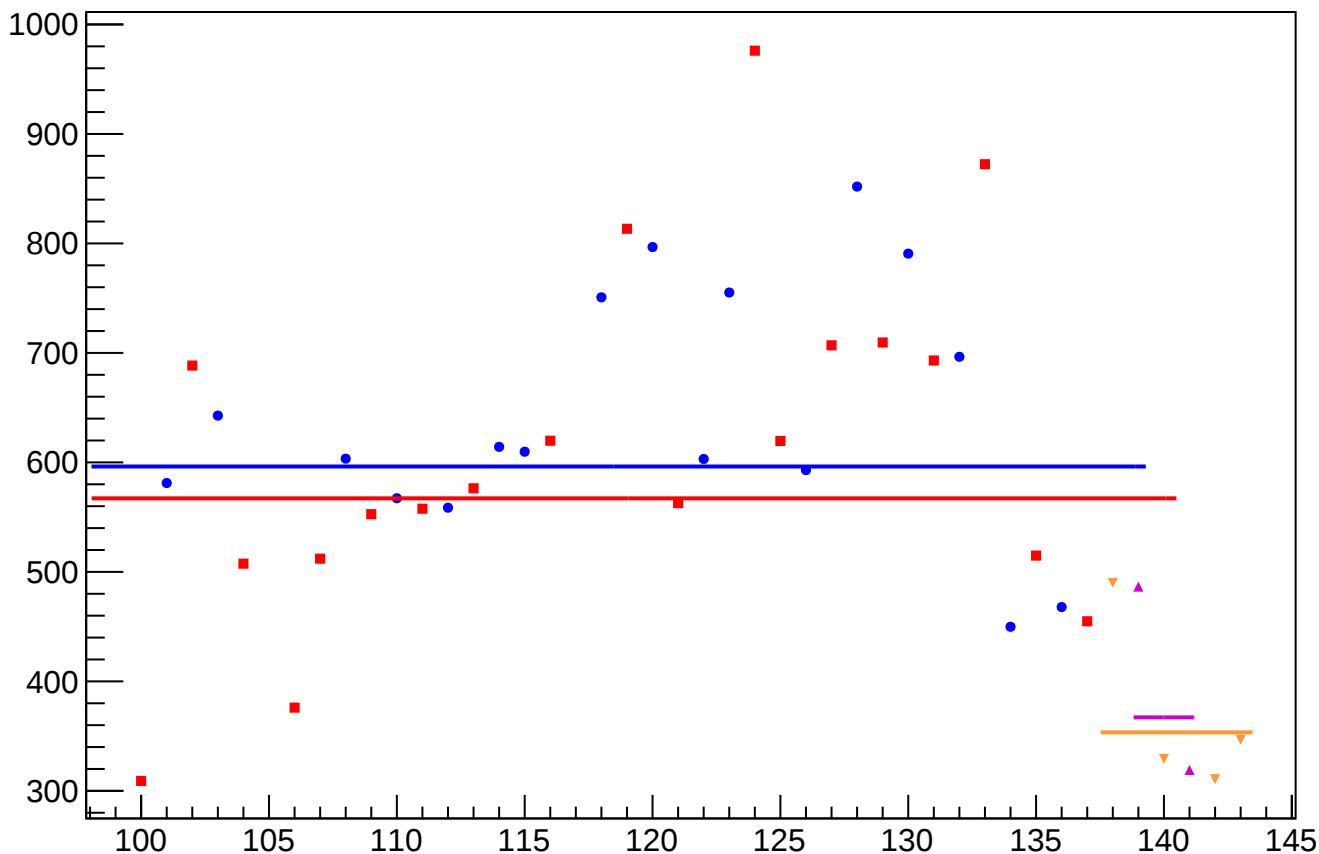
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: -39.717 ± 183.861 χ^2/NDF : 26.6/18

Out: 82.960 ± 154.334 χ^2/NDF : 27.8/22

All: 32.251 ± 118.209 χ^2/NDF : 54.6/41

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 353.420+/-0.154 χ^2/NDF :137247.4/3

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 367.101+/-0.208 χ^2/NDF :132515.7/1

Left: 358.256+/-0.124 χ^2/NDF : 272555.3/5

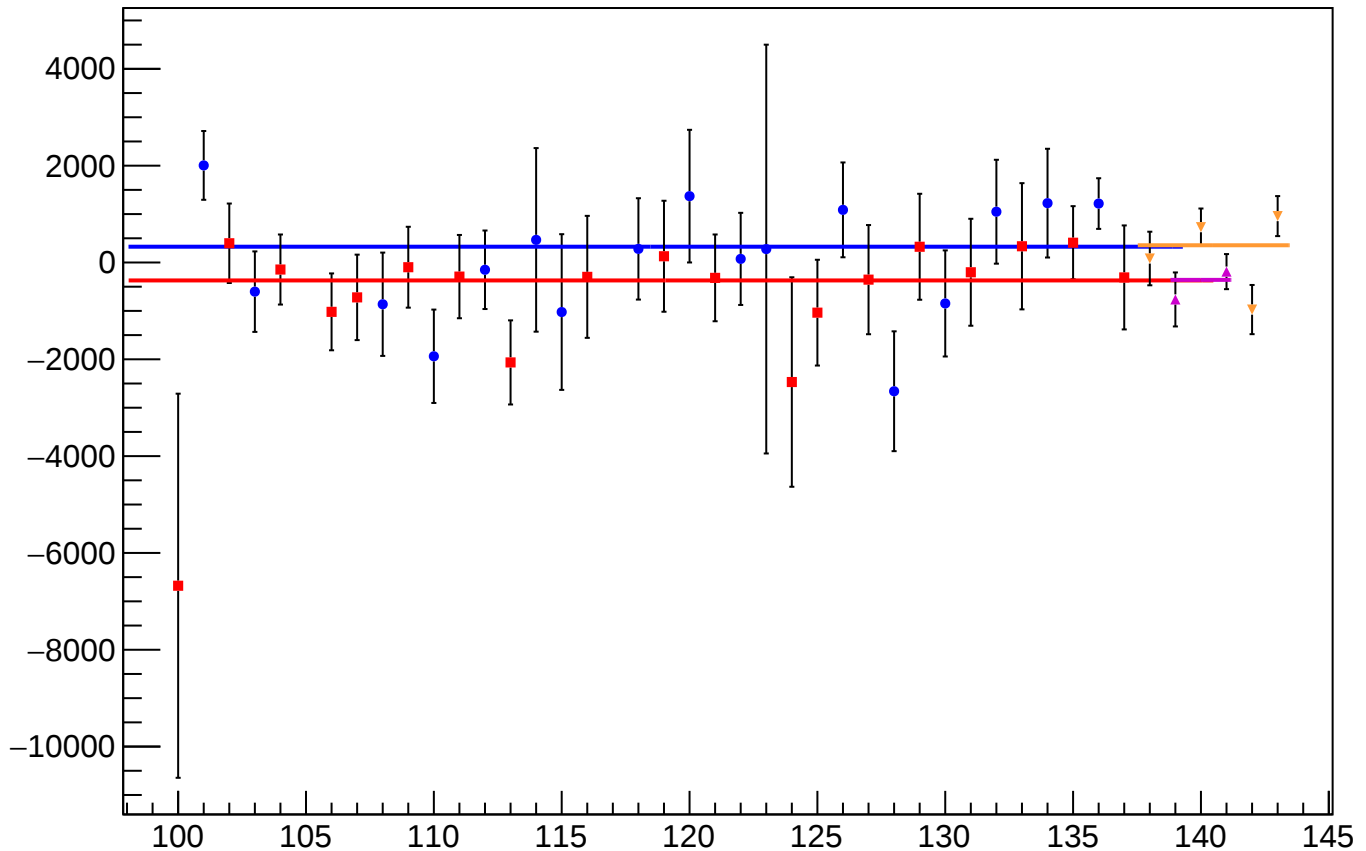
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 506.886+/-0.130 χ^2/NDF :1293684.7/18

Out: 459.750+/-0.109 χ^2/NDF :1771767.9/22

All: 479.234+/-0.084 χ^2/NDF : 3142567.2/41

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 χ^2/NDF : 26.9/16

Left Out: 355.794 ± 225.211 χ^2/NDF : 10.1/3

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: 102.289 ± 180.937 χ^2/NDF : 14.5/5

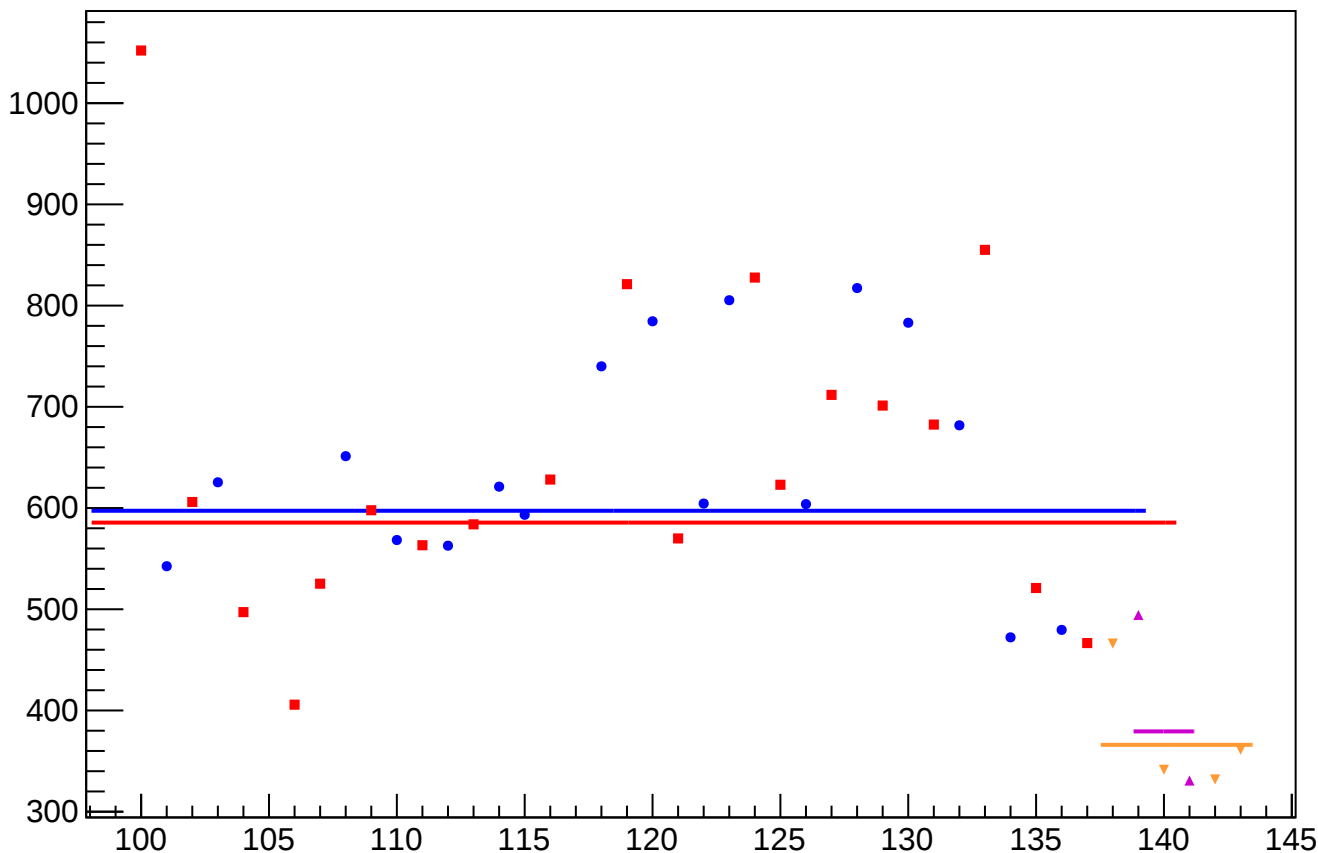
Right: -38.515 ± 162.676 χ^2/NDF : 43.0/35

In: 68.785 ± 186.193 χ^2/NDF : 30.8/18

Out: -7.979 ± 159.136 χ^2/NDF : 26.9/22

All: 24.425 ± 120.972 χ^2/NDF : 57.8/41

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298+/-0.167 χ^2/NDF : 363658.5/16

Left Out: 366.053+/-0.159 χ^2/NDF : 82851.9/3

Right Out: 585.615+/-0.159 χ^2/NDF : 474610.2/18

Left In: 379.331+/-0.215 χ^2/NDF : 120931.7/1

Left: 370.761+/-0.128 χ^2/NDF : 206248.1/5

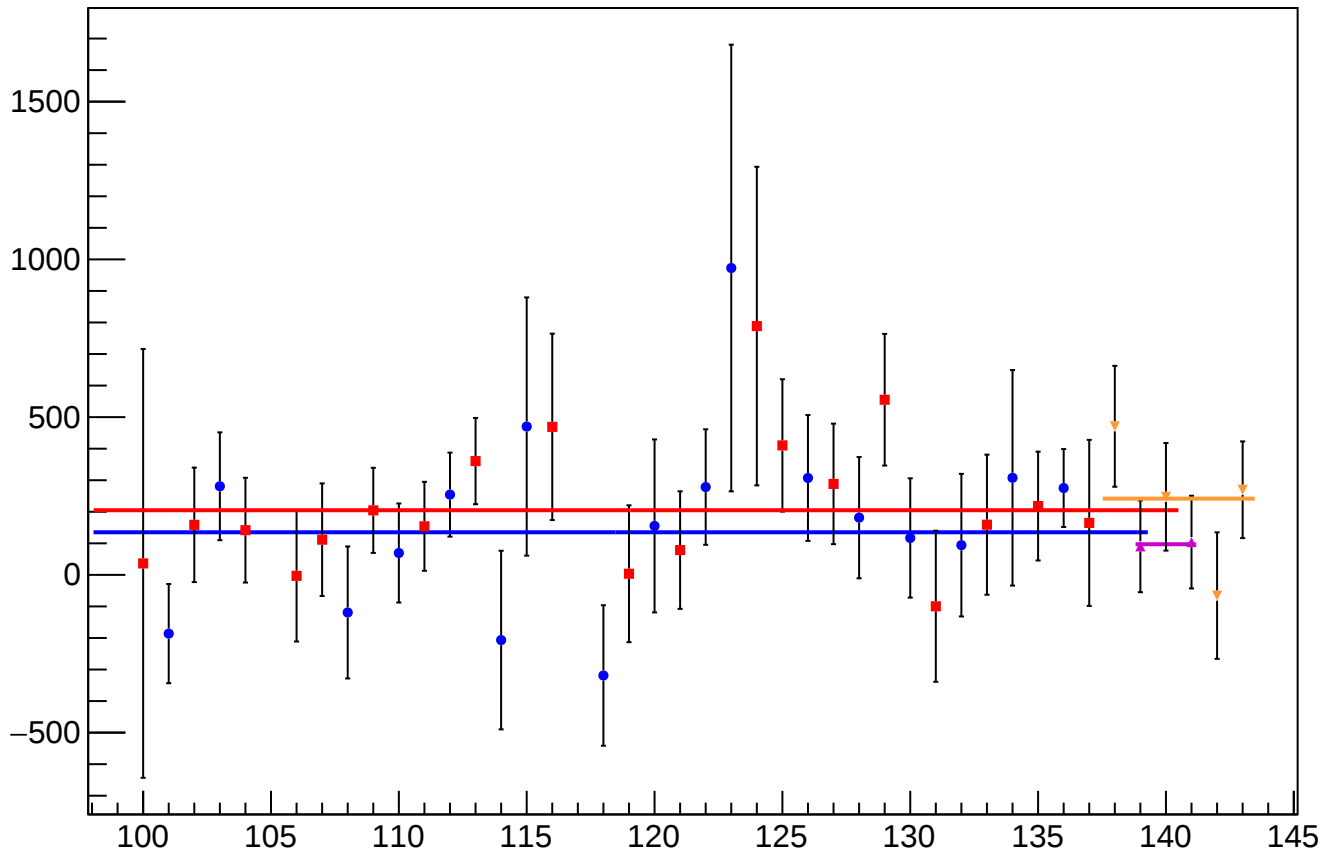
Right: 591.185+/-0.115 χ^2/NDF : 840841.8/35

In: 515.466+/-0.132 χ^2/NDF : 1127270.6/18

Out: 475.990+/-0.113 χ^2/NDF : 1509270.8/22

All: 492.654+/-0.086 χ^2/NDF : 2688493.6/41

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: 241.653 $\pm$ 88.012 χ^2 /NDF: 3.8/3

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: 180.902 $\pm$ 67.009 χ^2 /NDF: 5.0/5

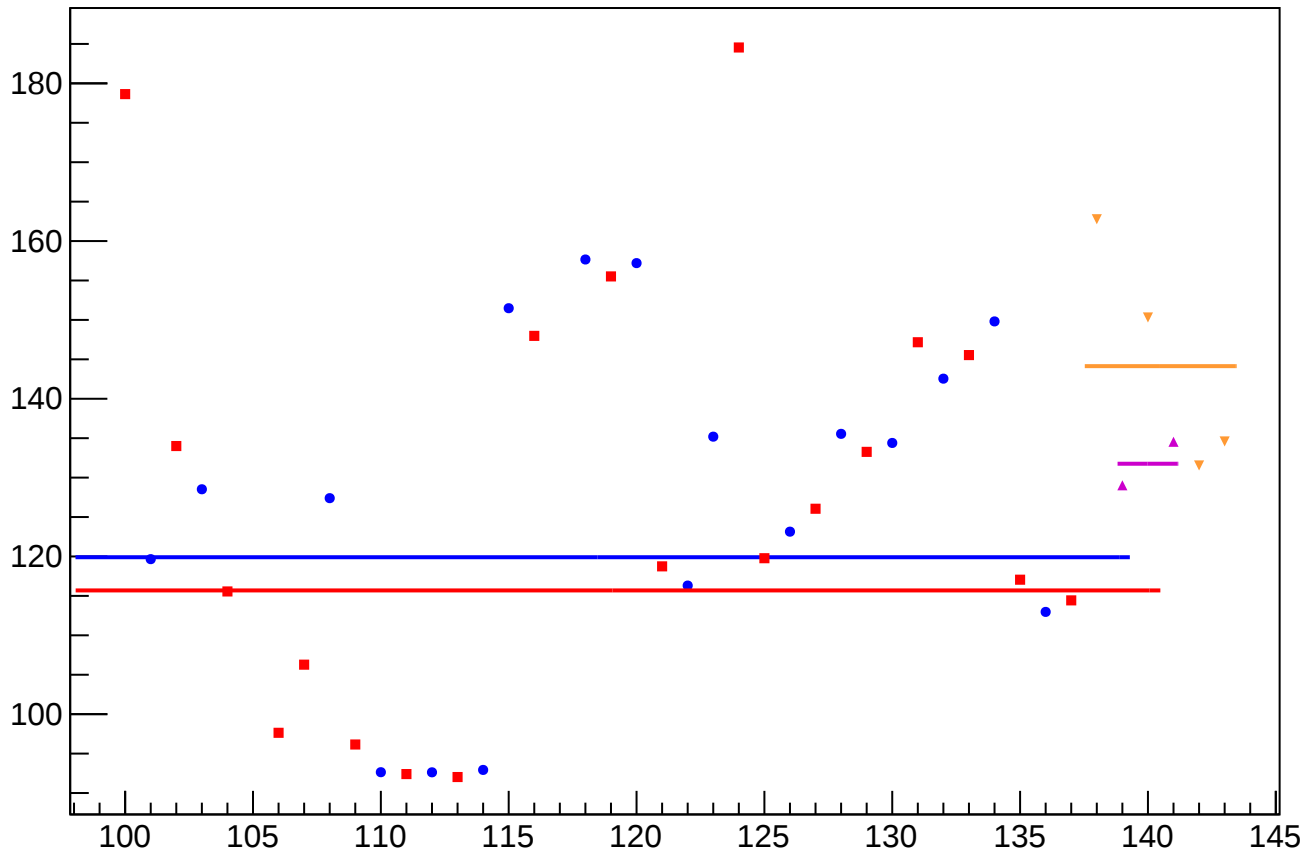
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 128.528 $\pm$ 42.803 χ^2 /NDF: 18.2/18

Out: 212.340 $\pm$ 39.670 χ^2 /NDF: 16.0/22

All: 173.613 $\pm$ 29.095 χ^2 /NDF: 36.3/41

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 144.136 $\pm$ 0.062 χ^2/NDF :37188.3/3

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 131.759 $\pm$ 0.073 χ^2/NDF :1425.8/1

Left: 138.934 $\pm$ 0.047 χ^2/NDF : 55239.2/5

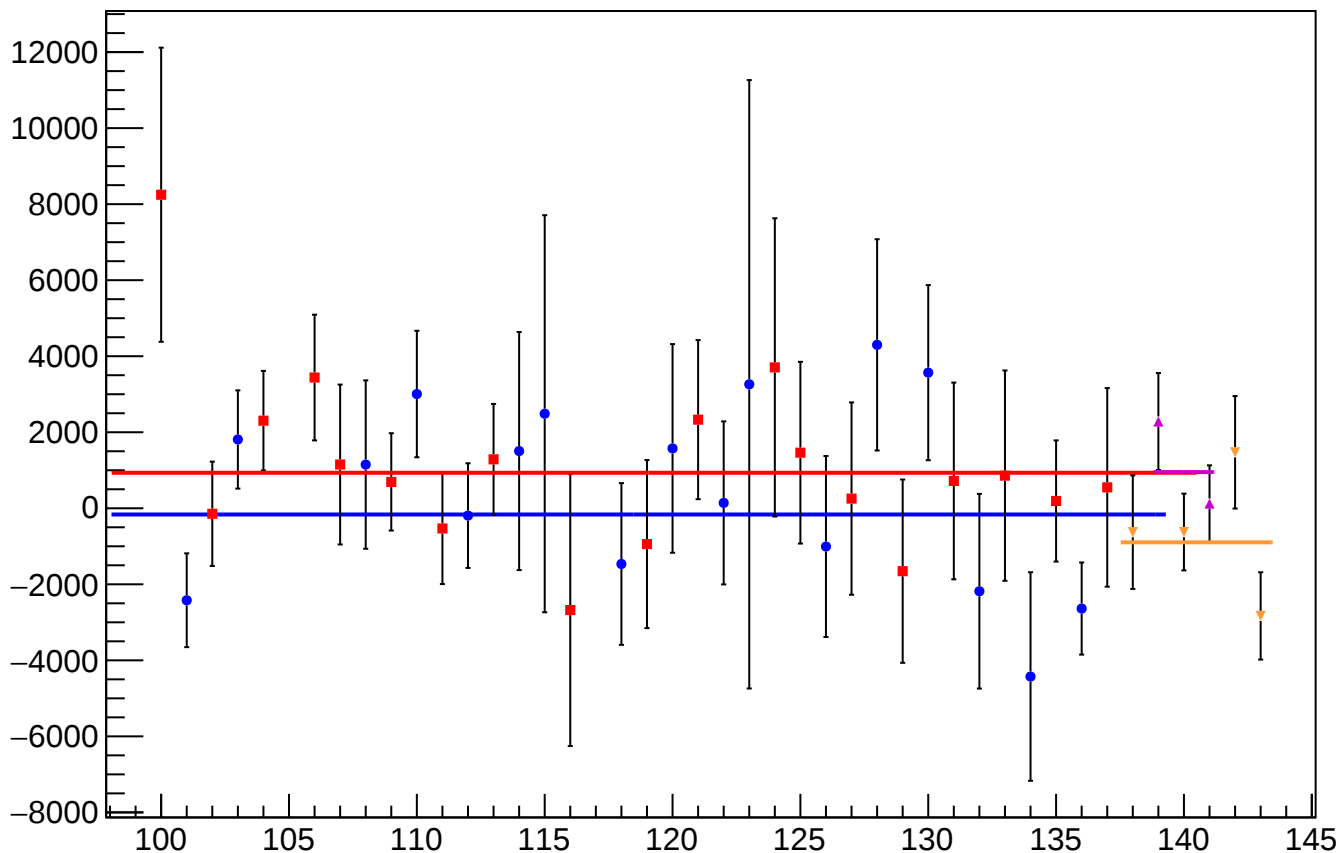
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 121.937 $\pm$ 0.030 χ^2/NDF :368739.5/18

Out: 121.471 $\pm$ 0.028 χ^2/NDF :638973.4/22

All: 121.686 $\pm$ 0.021 χ^2/NDF : 1007840.2/41

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -895.873+/-614.789 χ^2/NDF : 5.5/3

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: -198.153+/-485.033 χ^2/NDF : 10.7/5

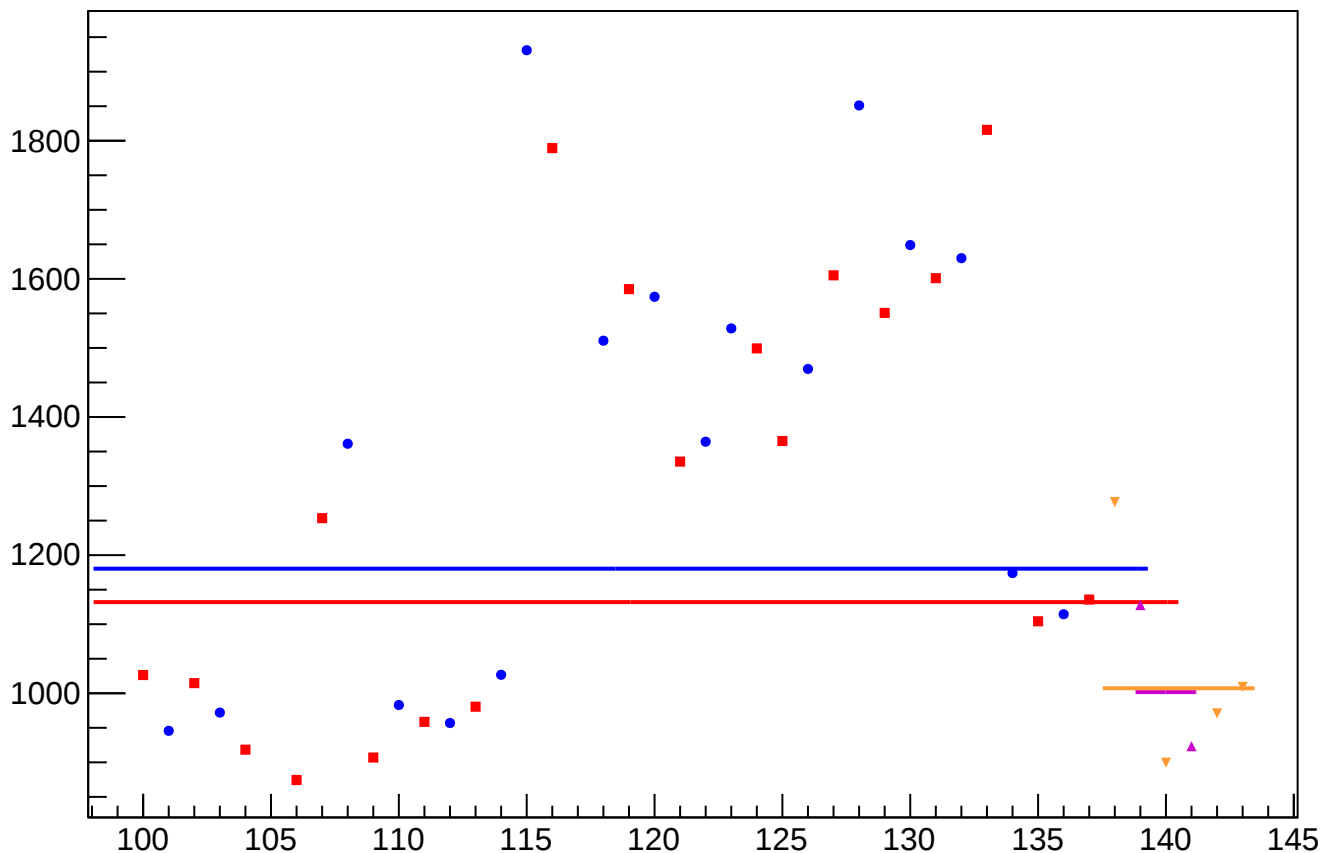
Right: 423.822+/-320.162 χ^2/NDF : 39.5/35

In: 128.077+/-403.576 χ^2/NDF : 27.0/18

Out: 318.567+/-356.536 χ^2/NDF : 24.3/22

All: 235.065+/-267.200 χ^2/NDF : 51.4/41

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 1007.237+/-0.435 χ^2/NDF : 89292.4/3

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 1001.738+/-0.558 χ^2/NDF : 31709.4/1

Left: 1005.161+/-0.343 χ^2/NDF : 121062.1/5

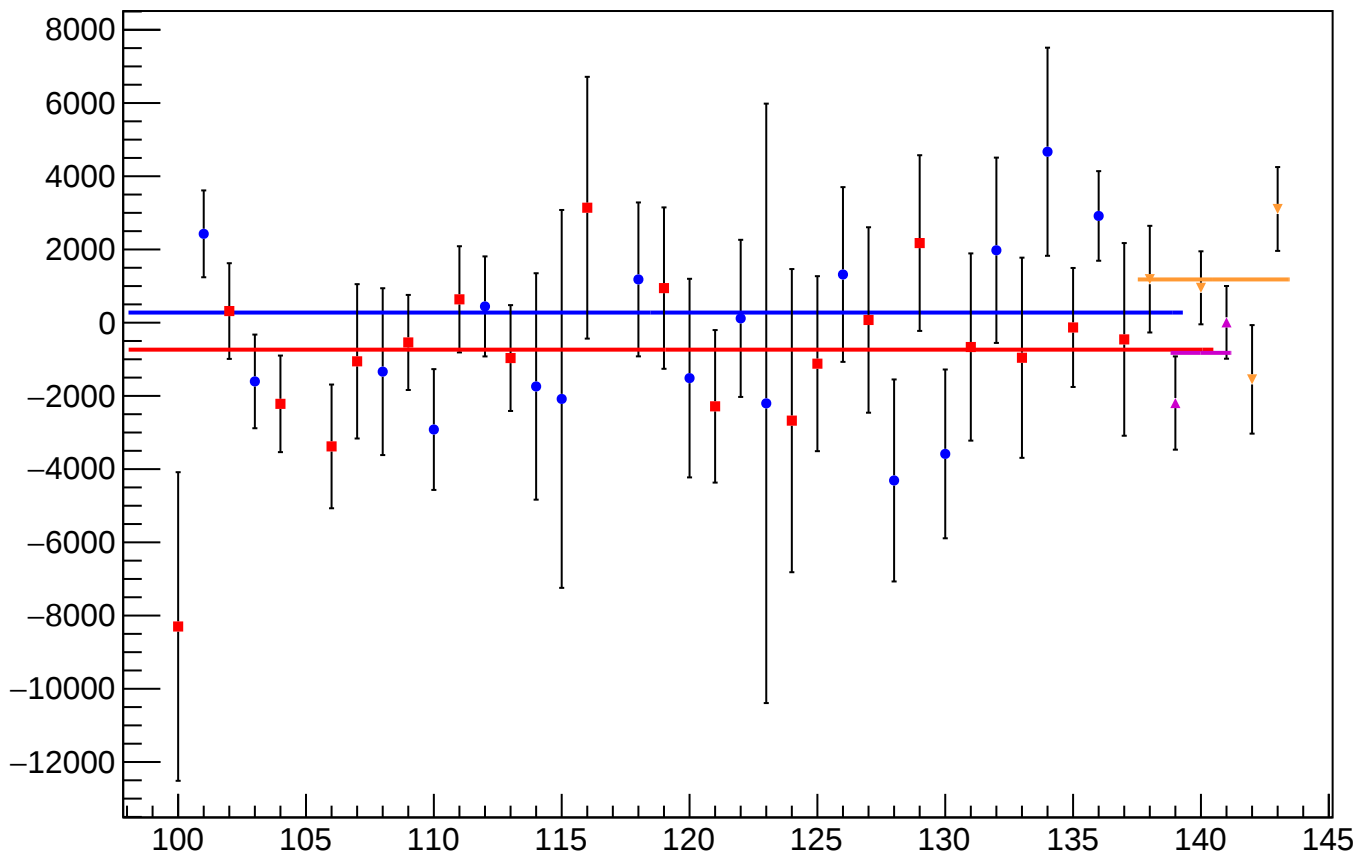
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 1133.700+/-0.285 χ^2/NDF : 776233.5/18

Out: 1090.025+/-0.252 χ^2/NDF : 905842.3/22

All: 1109.170+/-0.189 χ^2/NDF : 1695231.3/41

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1181.124+/-609.166 χ^2/NDF :6.3/3

Right Out: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: -824.121+/-783.204 χ^2/NDF :1.9/1

Left: 425.290+/-480.845 χ^2/NDF : 12.2/5

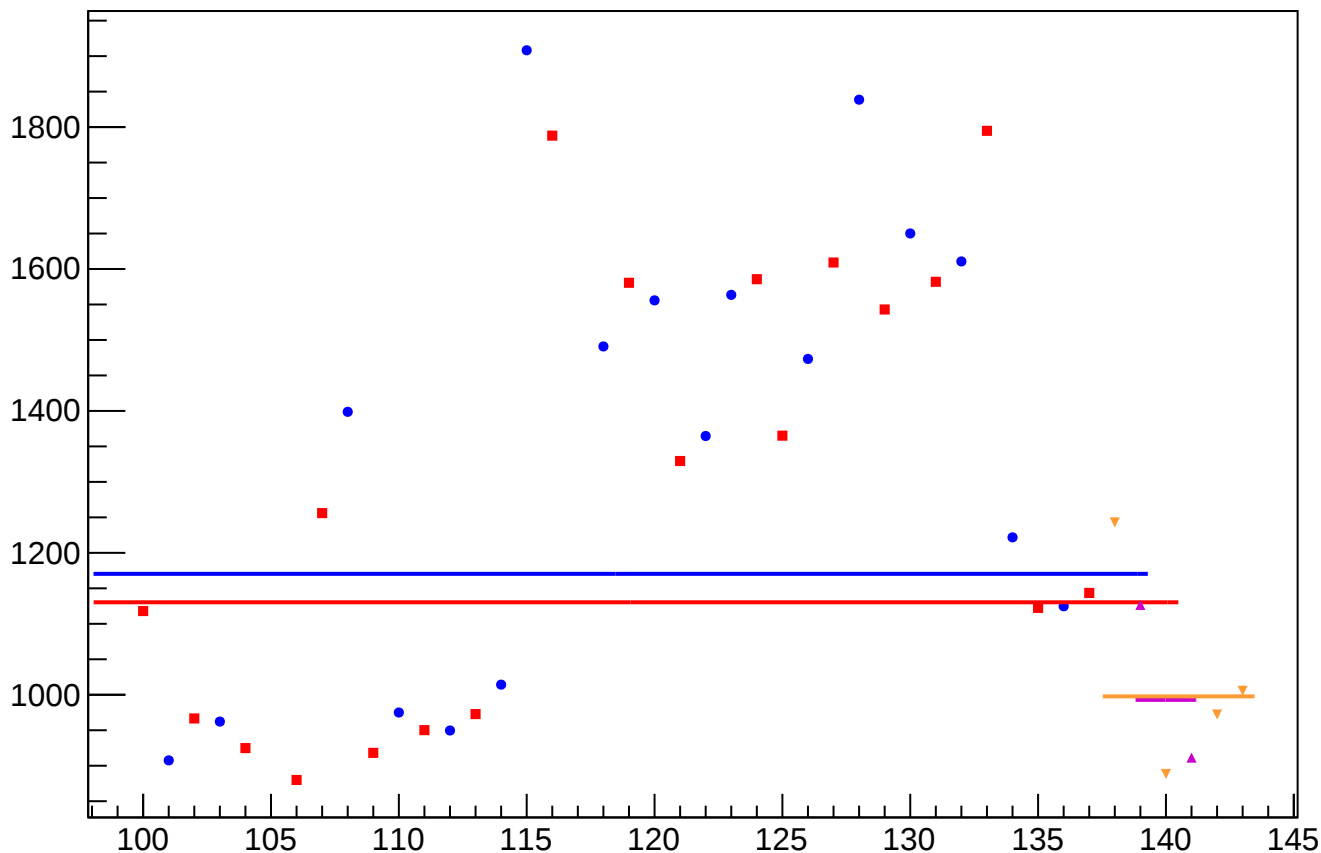
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: -11.709+/-400.743 χ^2/NDF :27.6/18

Out: -84.229+/-355.323 χ^2/NDF :25.6/22

All: -52.310+/-265.866 χ^2/NDF : 53.3/41

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 997.724 $\pm$ 0.431 χ^2 /NDF: 81413.7/3

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: 995.864 $\pm$ 0.340 χ^2 /NDF: 116959.1/5

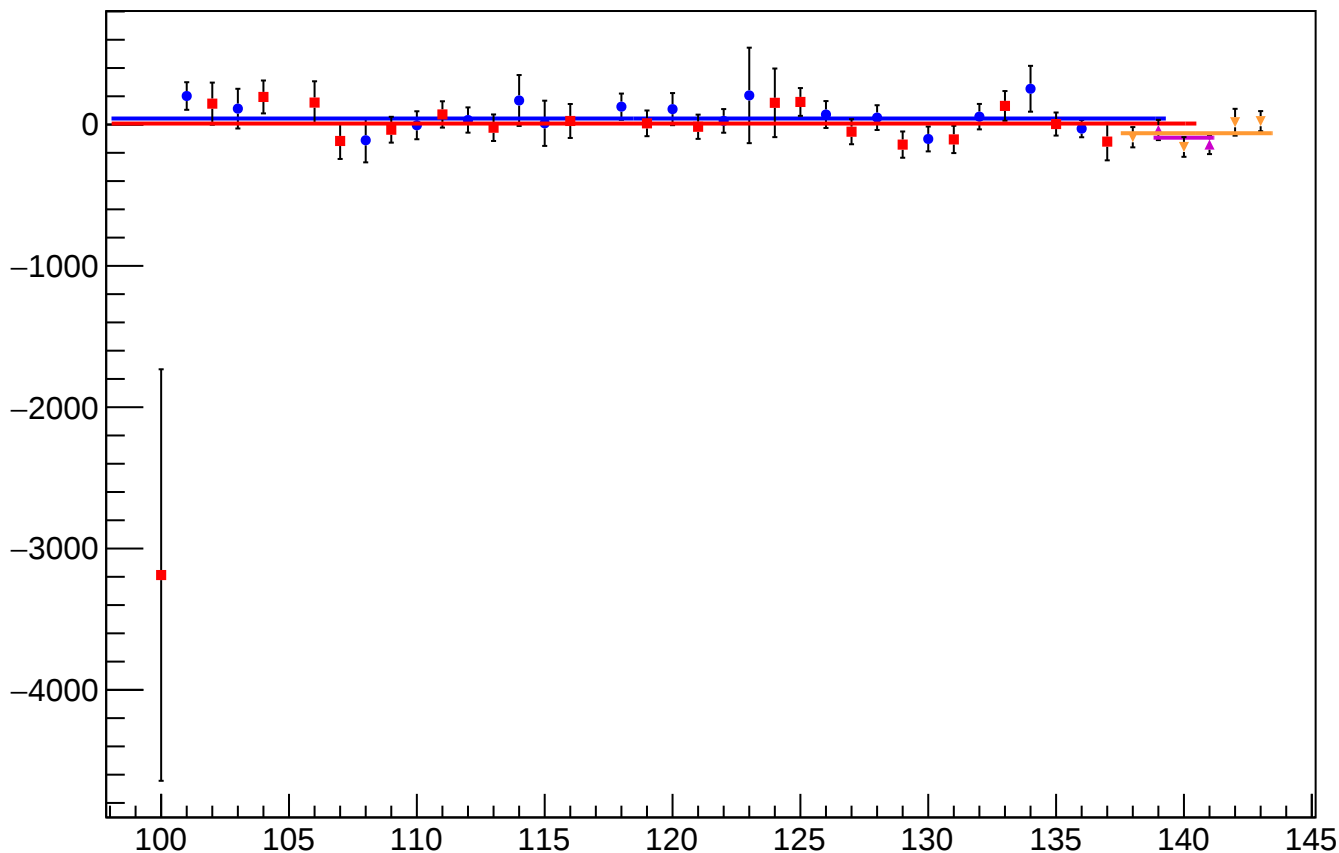
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 1123.904 $\pm$ 0.283 χ^2 /NDF: 816911.2/18

Out: 1085.208 $\pm$ 0.251 χ^2 /NDF: 906979.5/22

All: 1102.240 $\pm$ 0.188 χ^2 /NDF: 1734330.7/41

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: -61.372 ± 37.575 $\chi^2/\text{NDF}: 4.2/3$

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: -73.017 ± 29.850 $\chi^2/\text{NDF}: 5.6/5$

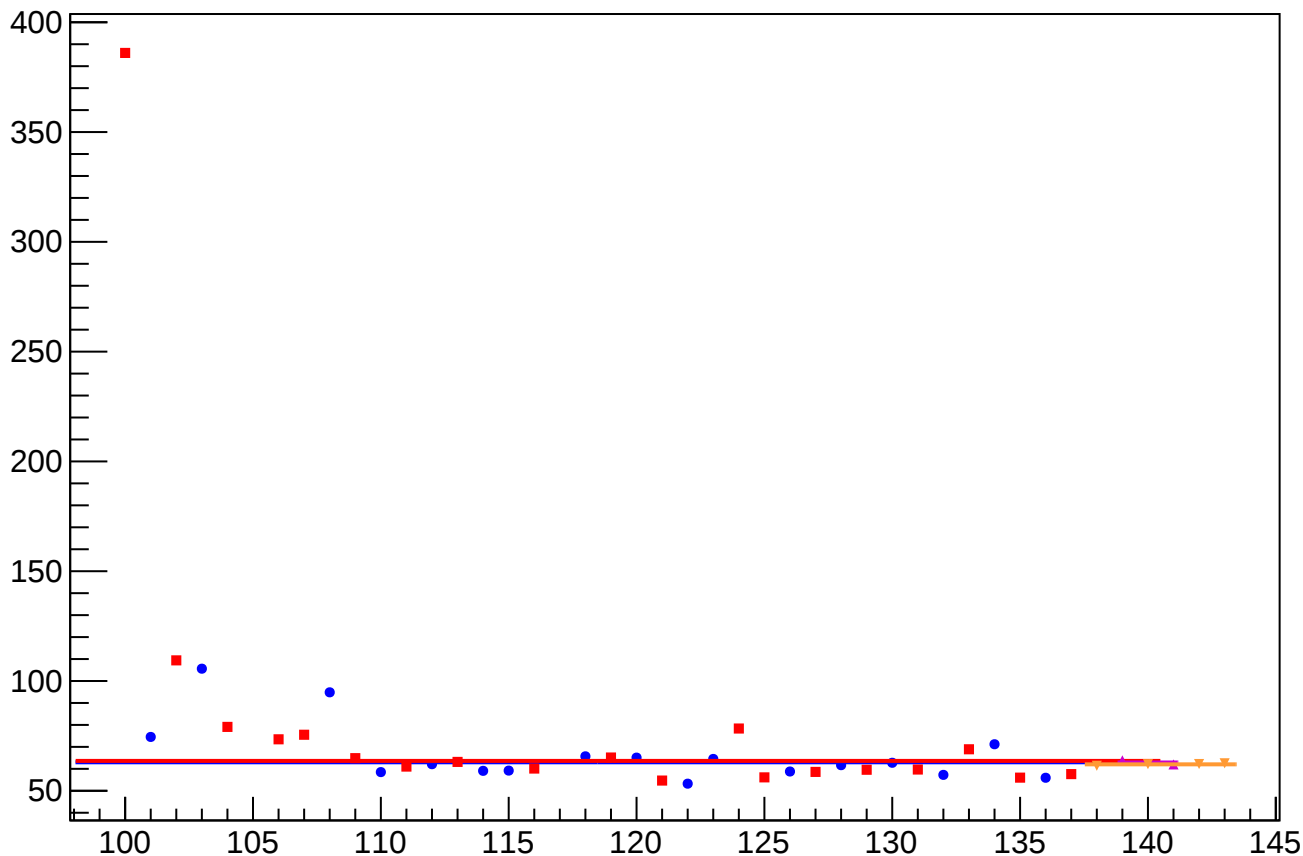
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: 15.325 ± 22.070 $\chi^2/\text{NDF}: 19.2/18$

Out: -13.320 ± 20.516 $\chi^2/\text{NDF}: 27.1/22$

All: -0.041 ± 15.027 $\chi^2/\text{NDF}: 47.2/41$

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: 62.048 $\pm$ 0.027 χ^2 /NDF: 262.7/3

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: 62.360 $\pm$ 0.021 χ^2 /NDF: 1353.5/5

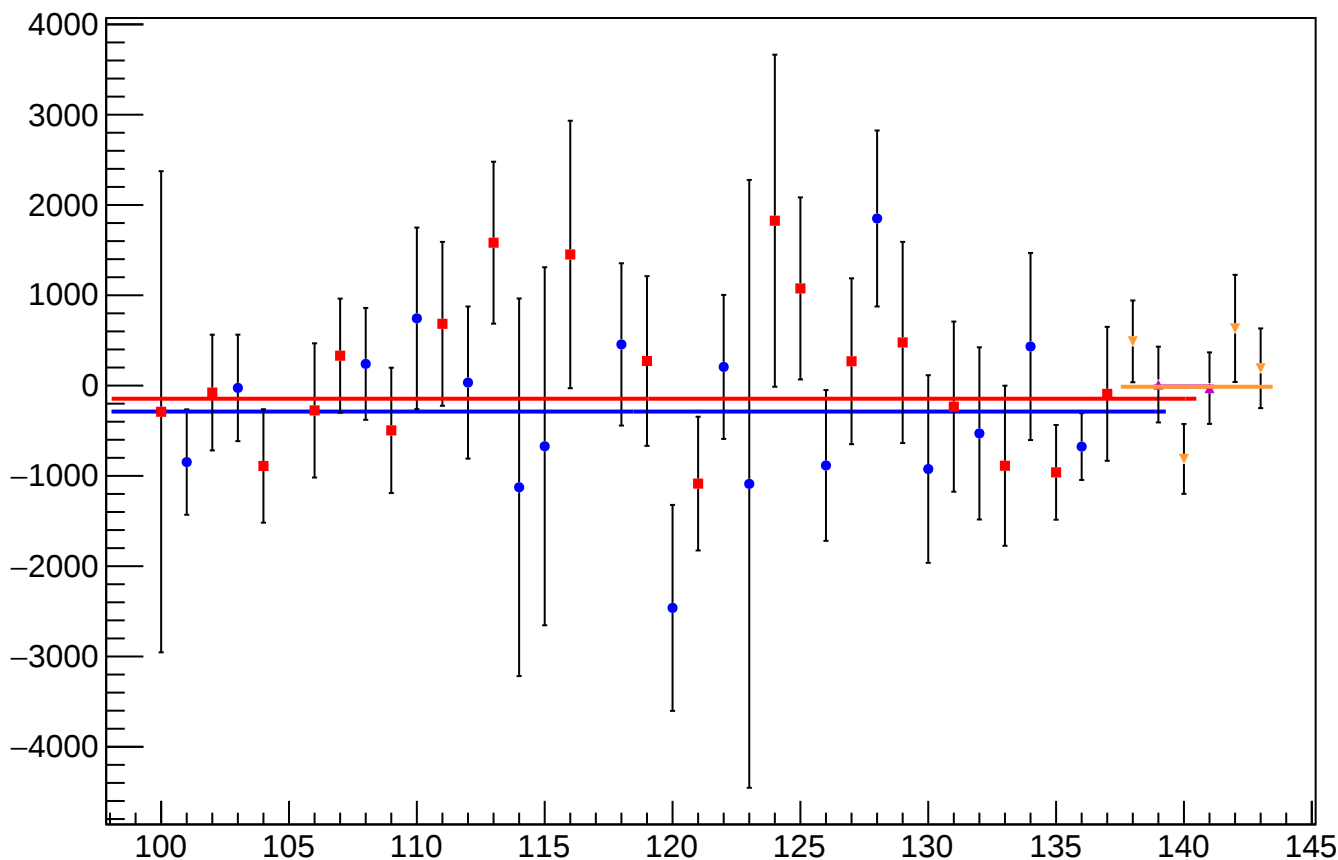
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.963 $\pm$ 0.016 χ^2 /NDF: 375985.5/18

Out: 63.147 $\pm$ 0.015 χ^2 /NDF: 436249.4/22

All: 63.061 $\pm$ 0.011 χ^2 /NDF: 812309.4/41

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: -12.825+/-226.304 χ^2/NDF : 6.9/3

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: -11.571+/-177.928 χ^2/NDF : 6.9/5

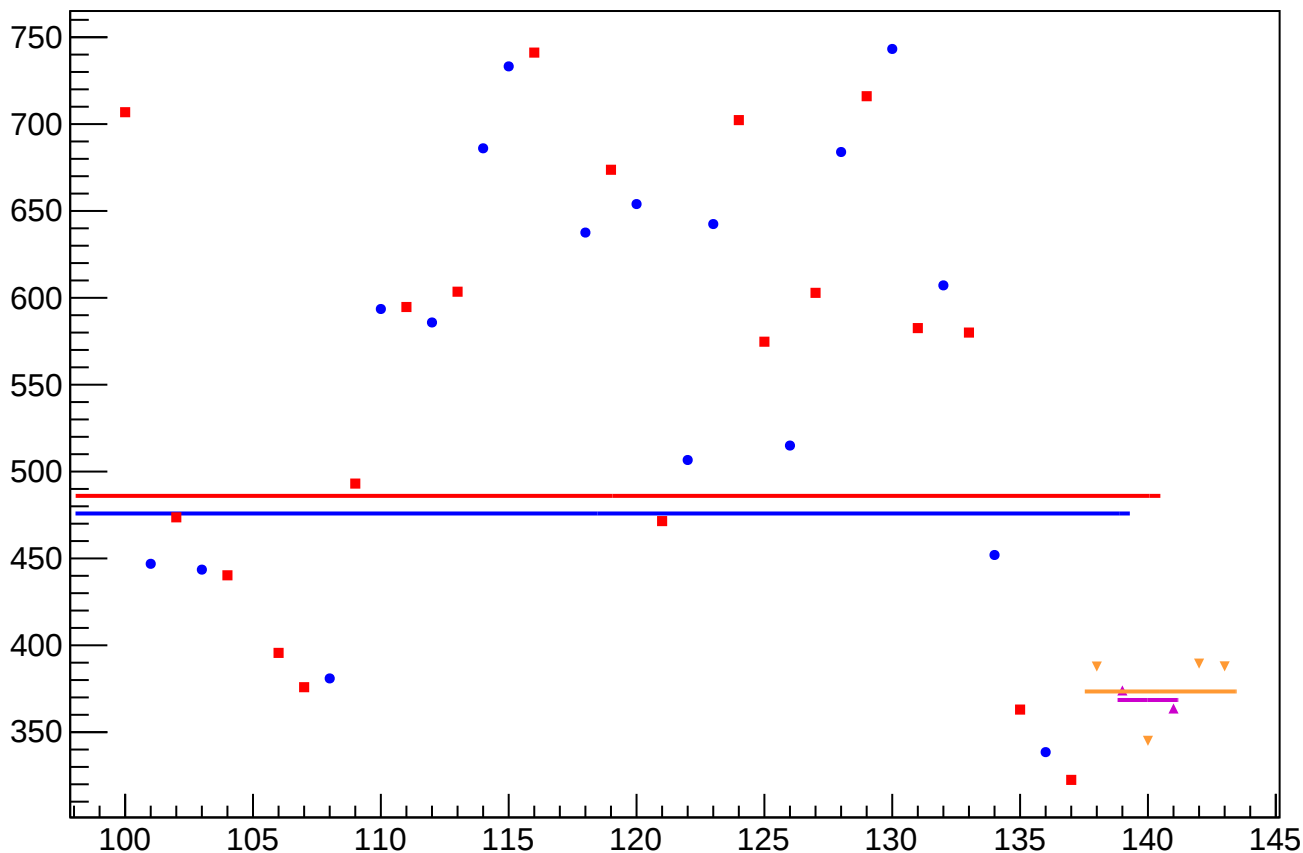
Right: -215.540+/-133.351 χ^2/NDF : 31.7/35

In: -203.382+/-158.521 χ^2/NDF : 16.0/18

Out: -91.465+/-144.296 χ^2/NDF : 23.2/22

All: -142.178+/-106.708 χ^2/NDF : 39.4/41

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: 373.427+/-0.160 χ^2/NDF :16377.1/3

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: 371.554+/-0.126 χ^2/NDF : 17385.0/5

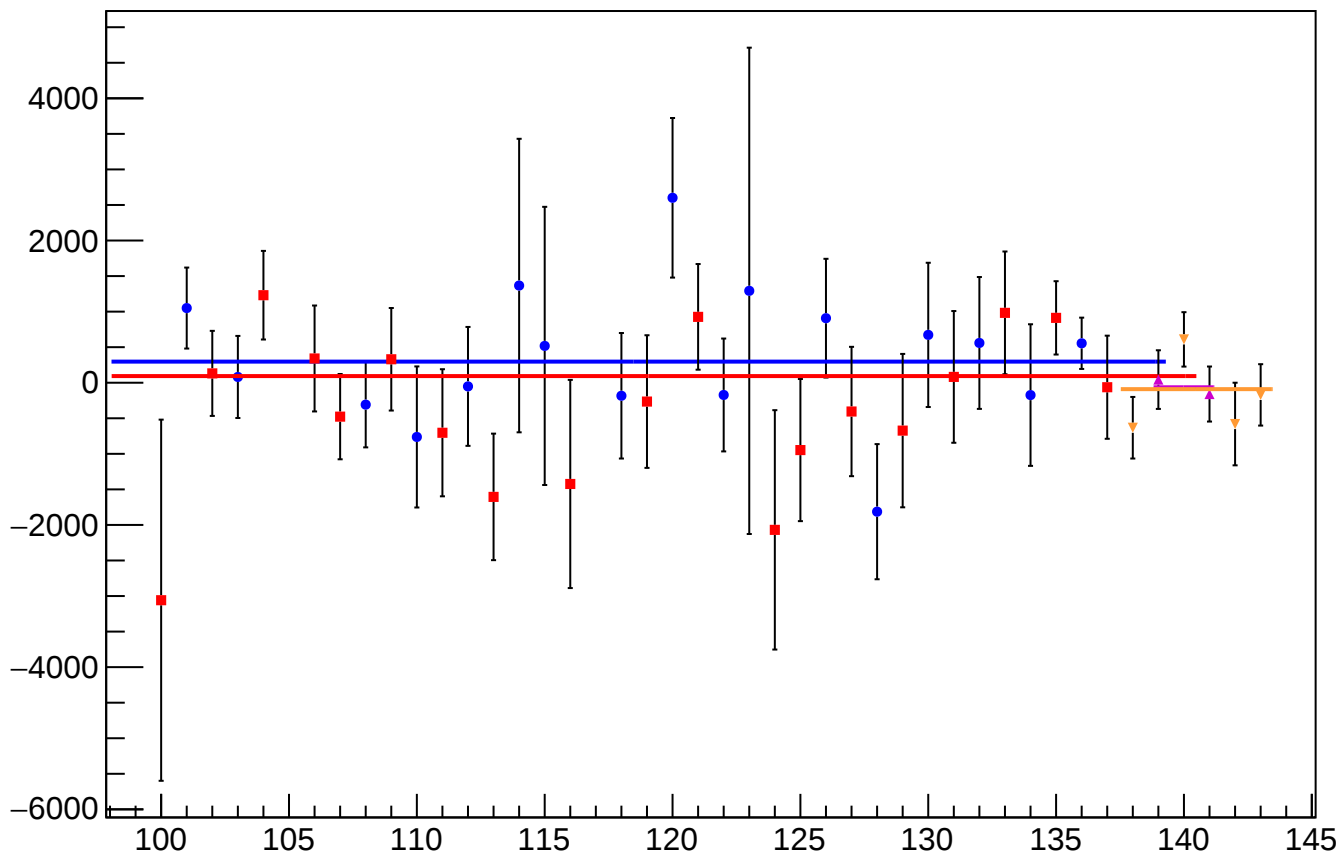
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 443.335+/-0.112 χ^2/NDF :1032185.4/18

Out: 440.238+/-0.102 χ^2/NDF :1040250.1/22

All: 441.642+/-0.075 χ^2/NDF : 2072852.9/41

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 $\chi^2/\text{NDF}: 15.9/16$

Left Out: -90.187 ± 220.922 $\chi^2/\text{NDF}: 5.7/3$

Right Out: 93.523 ± 183.916 $\chi^2/\text{NDF}: 20.1/18$

Left In: -63.929 ± 282.225 $\chi^2/\text{NDF}: 0.1/1$

Left: -80.210 ± 173.962 $\chi^2/\text{NDF}: 5.8/5$

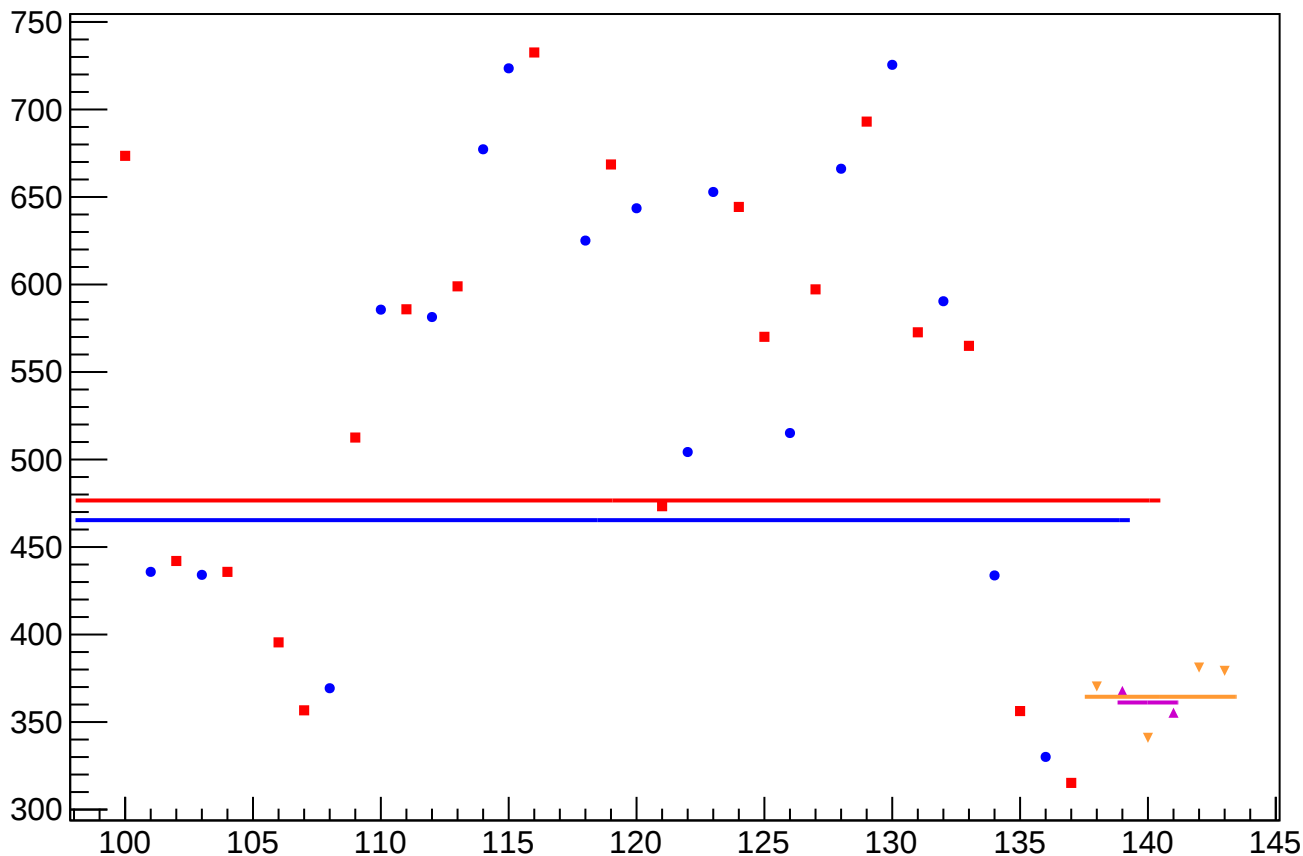
Right: 194.121 ± 130.770 $\chi^2/\text{NDF}: 36.6/35$

In: 187.713 ± 155.291 $\chi^2/\text{NDF}: 17.1/18$

Out: 18.322 ± 141.347 $\chi^2/\text{NDF}: 26.2/22$

All: 95.072 ± 104.530 $\chi^2/\text{NDF}: 43.9/41$

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 364.445+/-0.156 χ^2/NDF : 11884.0/3

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: 363.200+/-0.123 χ^2/NDF : 13023.8/5

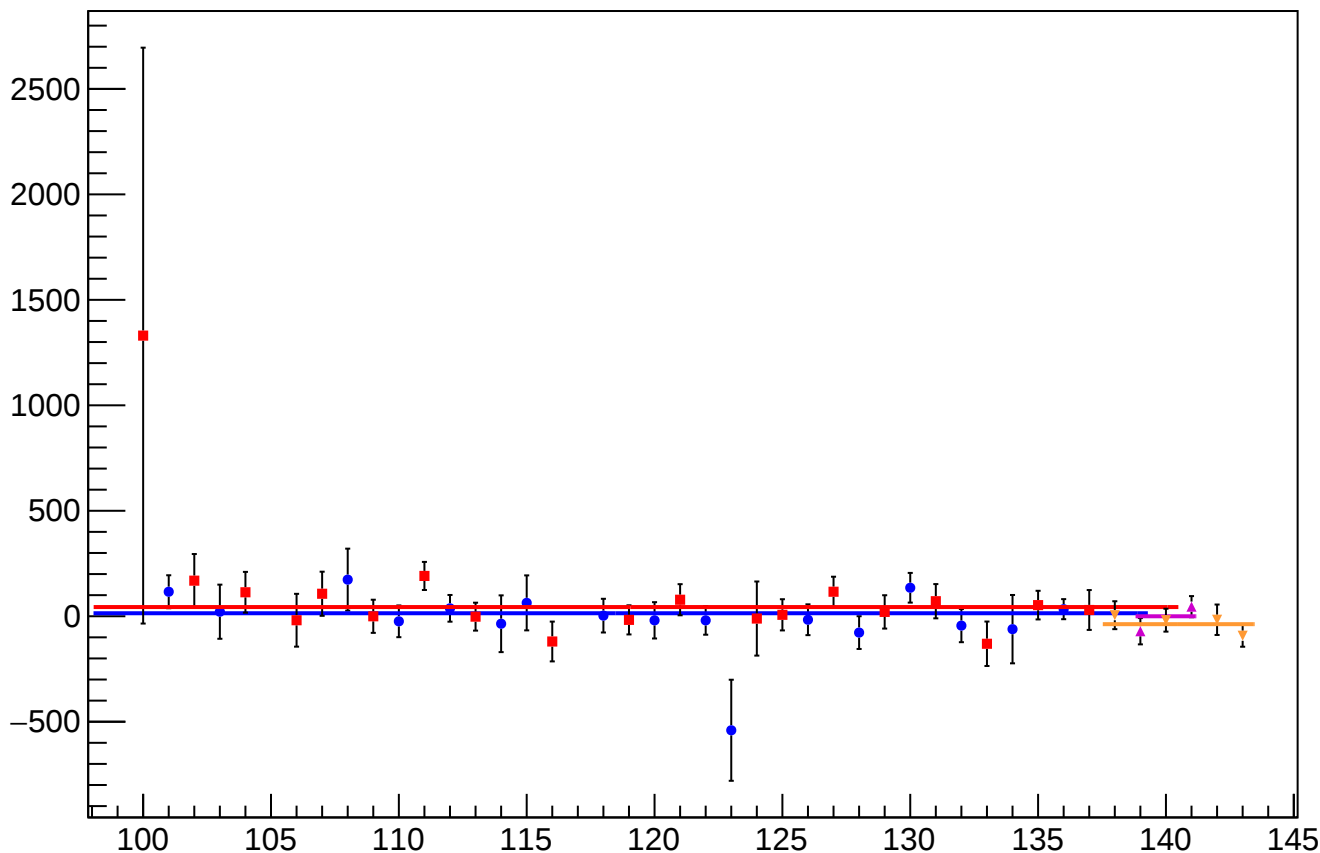
Right: 471.039+/-0.092 χ^2/NDF : 1617050.9/35

In: 433.812+/-0.110 χ^2/NDF : 1051434.6/18

Out: 430.688+/-0.100 χ^2/NDF : 1069257.8/22

All: 432.103+/-0.074 χ^2/NDF : 2121135.1/41

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: -37.529 ± 29.773 χ^2/NDF : 1.7/3

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: -23.769 ± 23.668 χ^2/NDF : 4.4/5

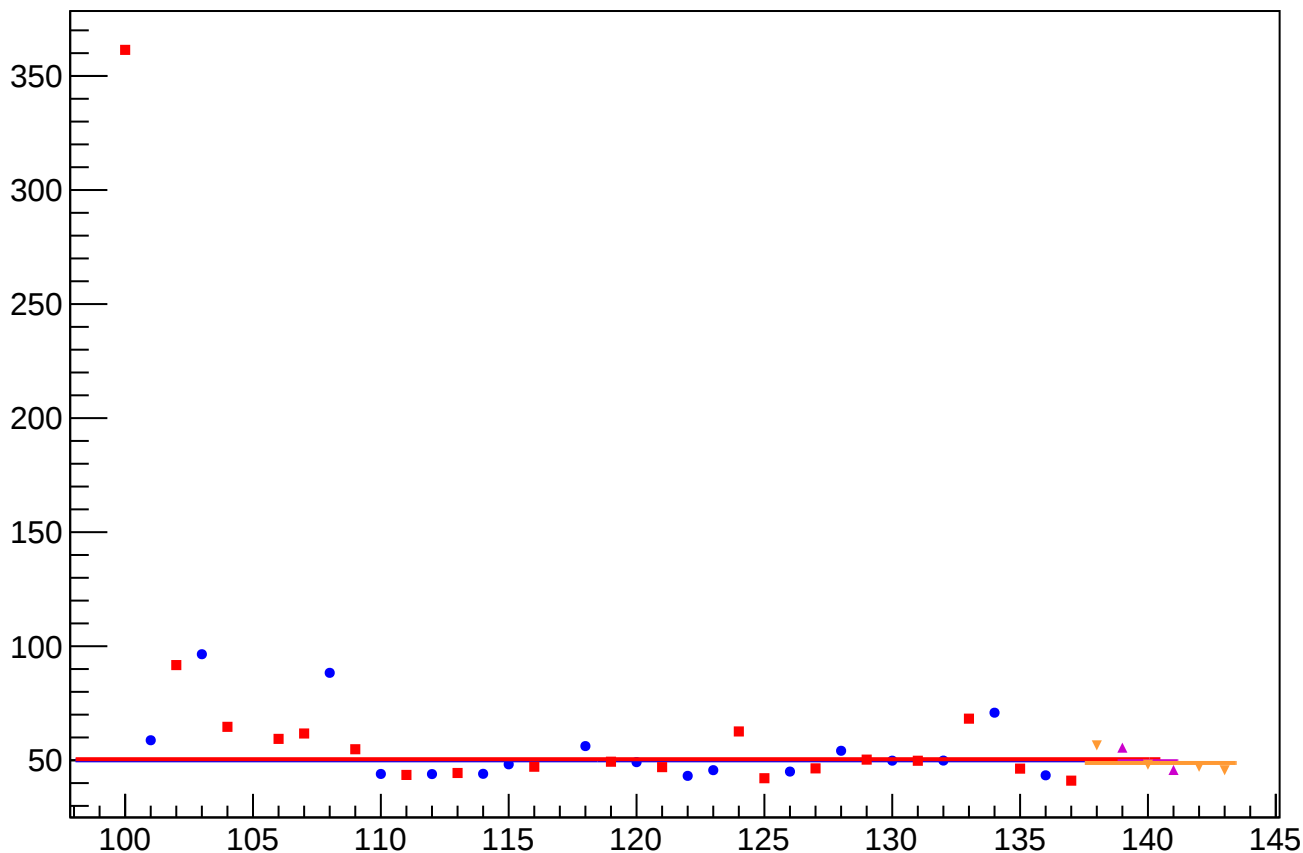
Right: 29.090 ± 13.970 χ^2/NDF : 32.9/35

In: 11.289 ± 17.703 χ^2/NDF : 17.0/18

Out: 18.989 ± 16.399 χ^2/NDF : 23.9/22

All: 15.433 ± 12.030 χ^2/NDF : 41.1/41

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 48.822 $\pm$ 0.021 χ^2 /NDF: 36185.3/3

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 49.592 $\pm$ 0.028 χ^2 /NDF: 29956.4/1

Left: 49.106 $\pm$ 0.017 χ^2 /NDF: 66633.4/5

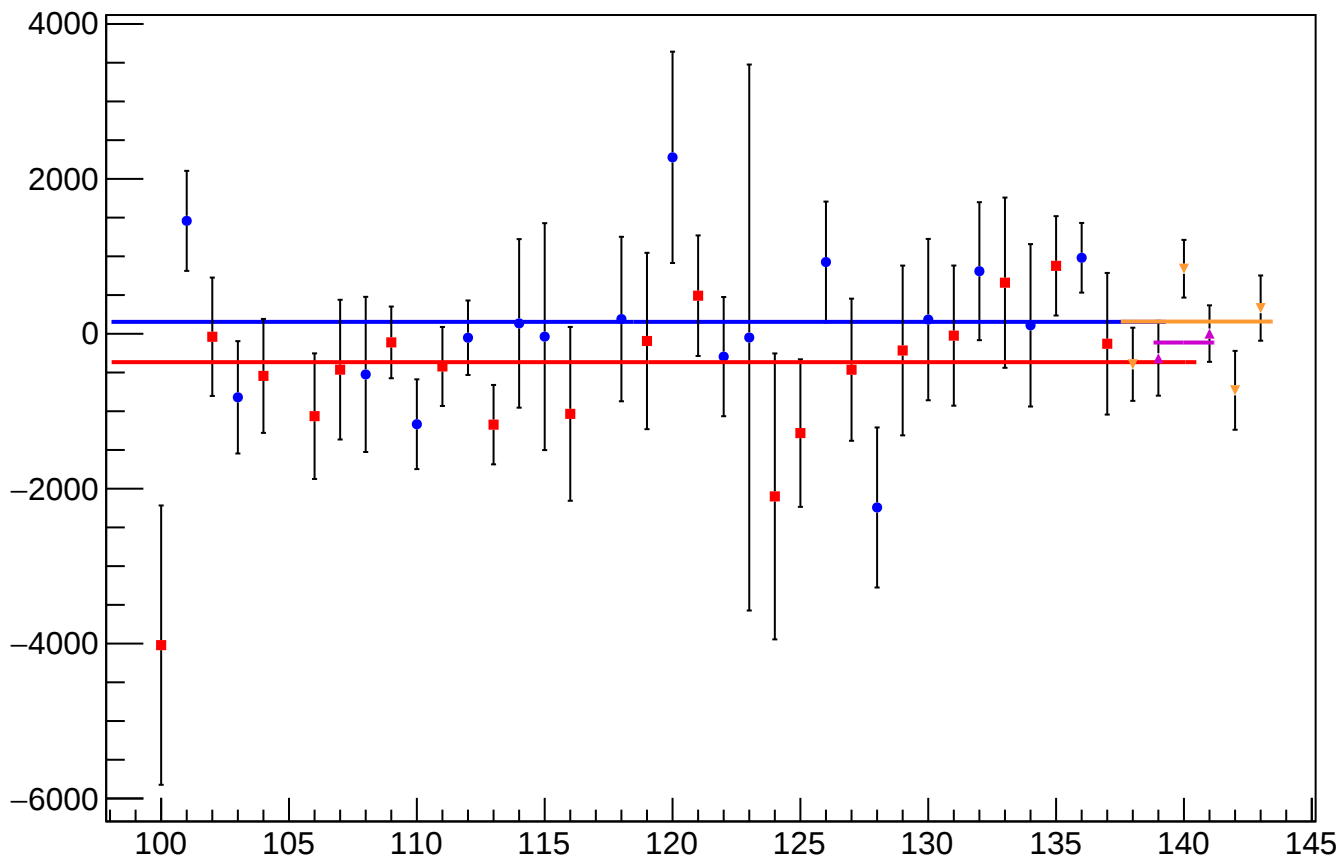
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 49.895 $\pm$ 0.013 χ^2 /NDF: 608858.7/18

Out: 49.972 $\pm$ 0.012 χ^2 /NDF: 611758.5/22

All: 49.936 $\pm$ 0.009 χ^2 /NDF: 1220637.6/41

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: 157.824 $\pm$ 217.246 χ^2 /NDF:7.9/3

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: 60.952 $\pm$ 174.111 χ^2 /NDF: 8.8/5

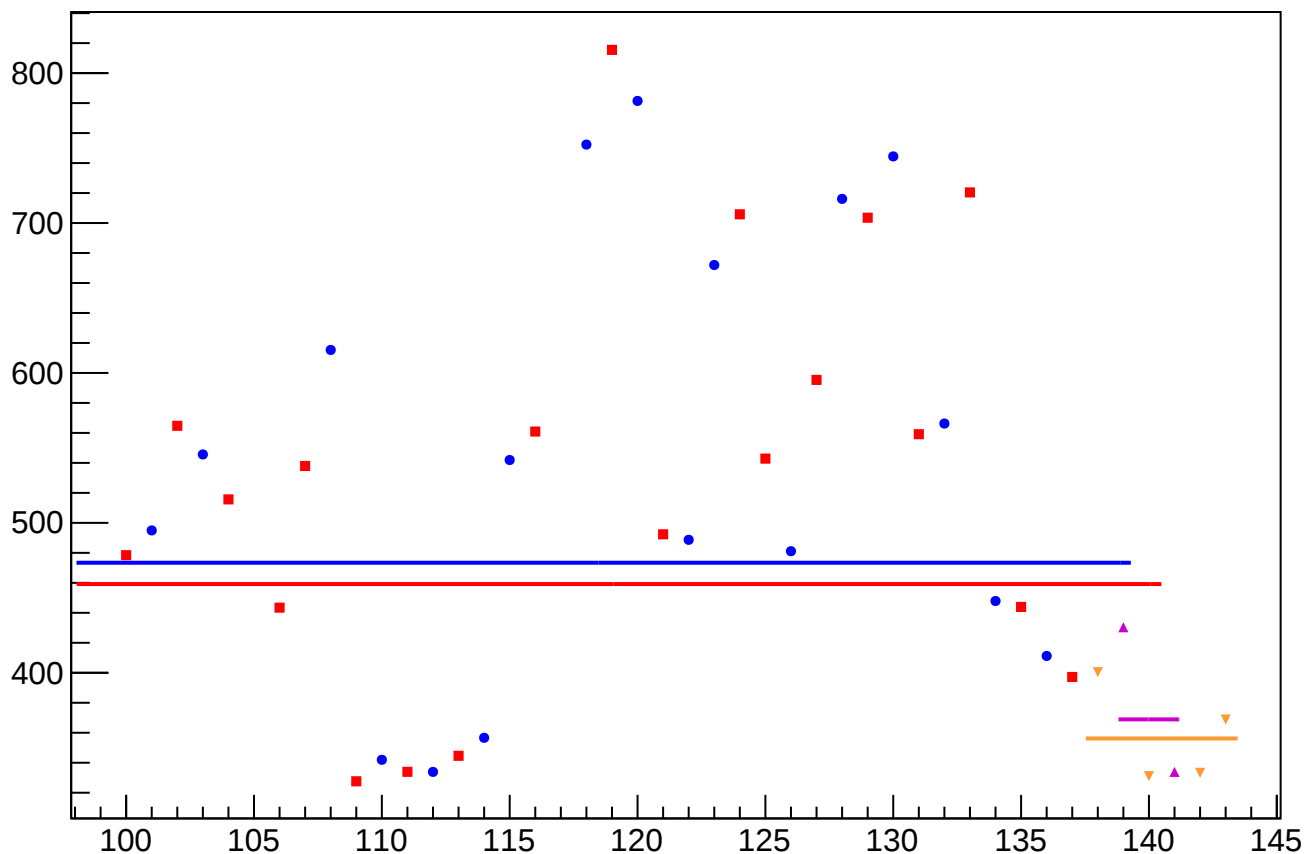
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 74.153 $\pm$ 159.090 χ^2 /NDF:25.7/18

Out: -154.476 $\pm$ 138.104 χ^2 /NDF:27.6/22

All: -56.226 $\pm$ 104.290 χ^2 /NDF: 54.4/41

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: 356.183+/-0.154 χ^2/NDF : 32504.2/3

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: 360.738+/-0.123 χ^2/NDF : 85751.9/5

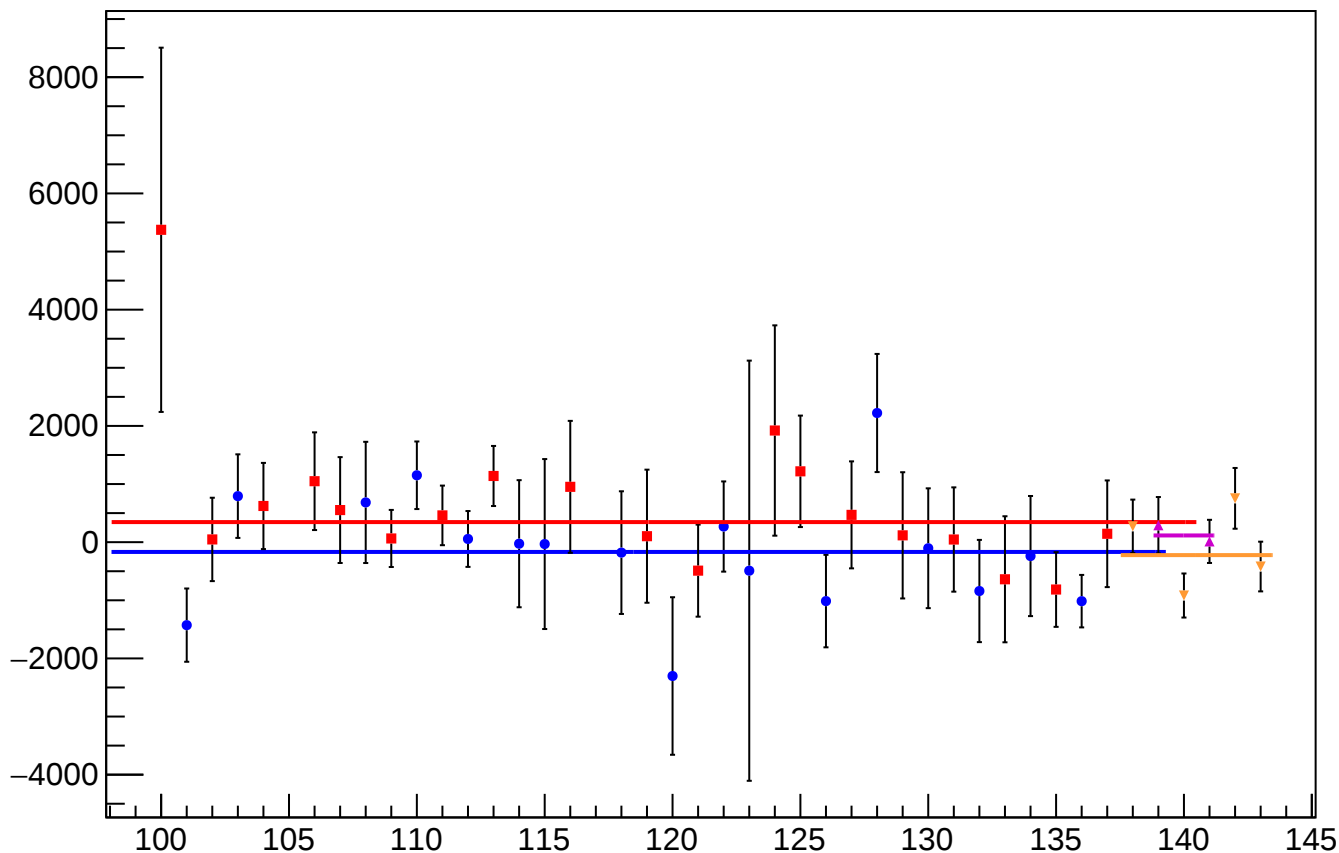
Right: 465.867+/-0.092 χ^2/NDF : 1927360.0/35

In: 442.203+/-0.112 χ^2/NDF : 1146423.0/18

Out: 417.556+/-0.098 χ^2/NDF : 1306867.5/22

All: 428.148+/-0.074 χ^2/NDF : 2480663.5/41

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -222.543+/-219.124 χ^2/NDF : 8.2/3

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: -102.257+/-175.883 χ^2/NDF : 9.3/5

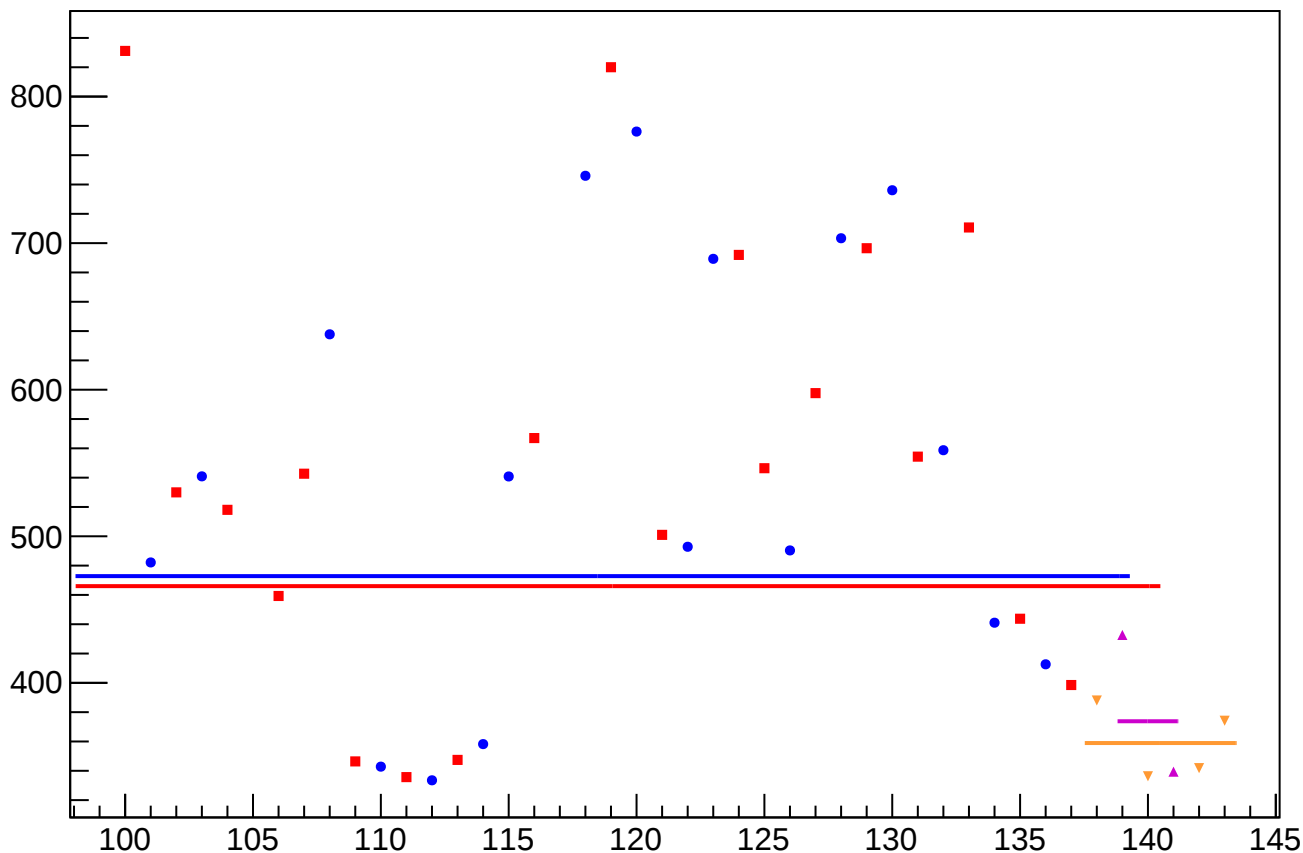
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -84.992+/-159.575 χ^2/NDF : 26.3/18

Out: 114.718+/-139.666 χ^2/NDF : 25.9/22

All: 28.092+/-105.097 χ^2/NDF : 53.1/41

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 358.940+/-0.155 χ^2/NDF : 19822.1/3

Right Out: 465.987+/-0.128 χ^2/NDF : 942033.1/18

Left In: 373.798+/-0.209 χ^2/NDF : 46582.7/1

Left: 364.226+/-0.124 χ^2/NDF : 69675.7/5

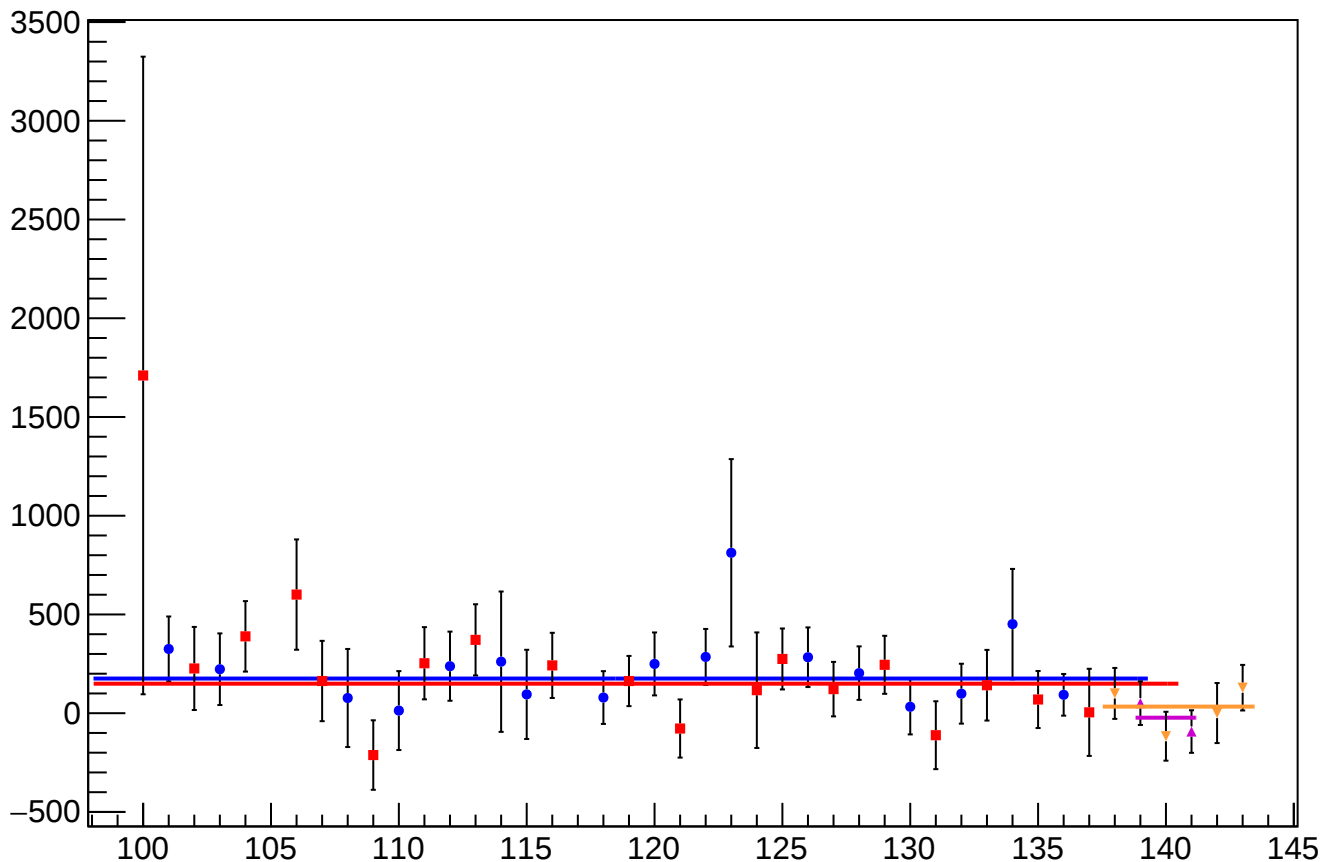
Right: 469.247+/-0.093 χ^2/NDF : 1839762.8/35

In: 443.824+/-0.113 χ^2/NDF : 1102429.5/18

Out: 422.498+/-0.099 χ^2/NDF : 1245249.1/22

All: 431.749+/-0.074 χ^2/NDF : 2367904.8/41

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: 33.396 $\pm$ 64.054 χ^2 /NDF:2.5/3

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: 10.473 $\pm$ 49.275 χ^2 /NDF: 3.7/5

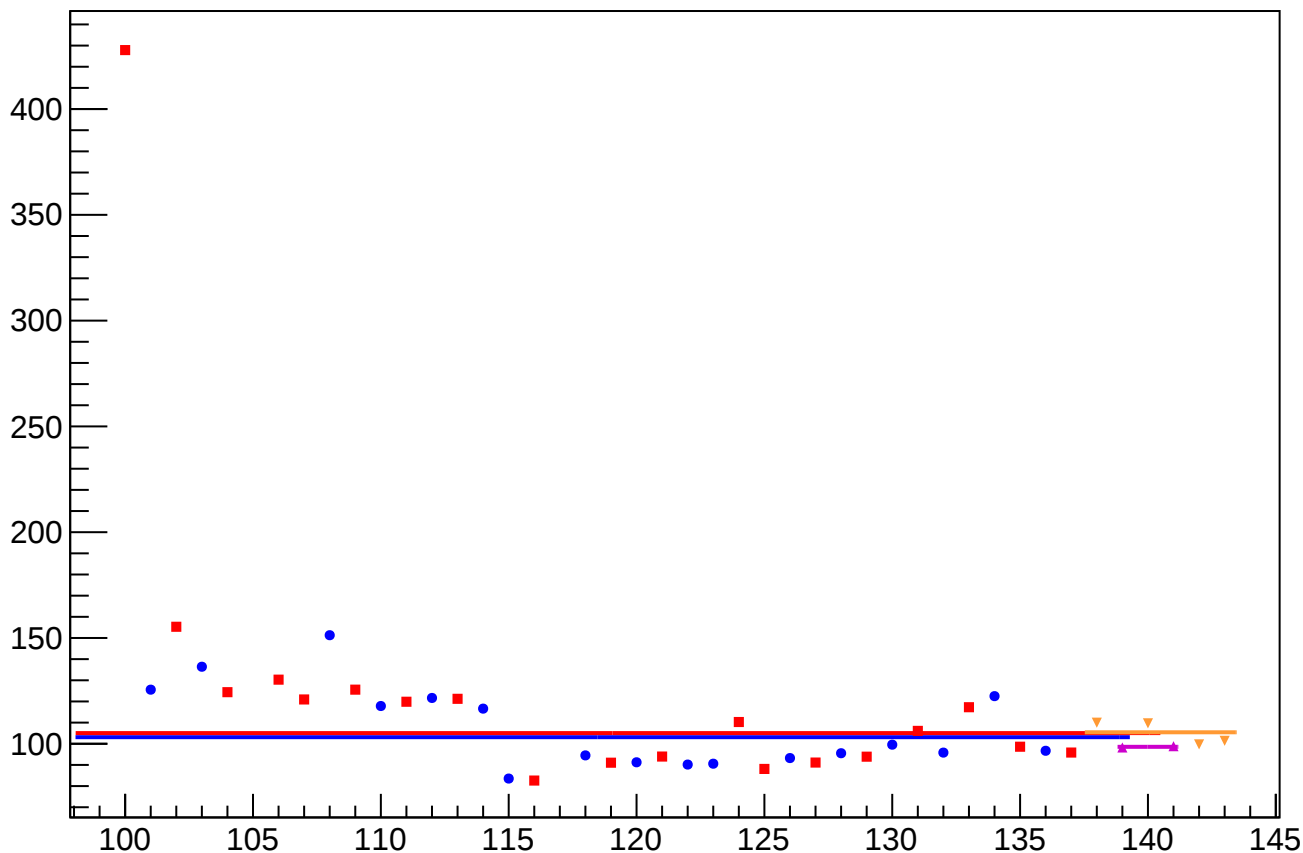
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 132.855 $\pm$ 35.758 χ^2 /NDF:14.6/18

Out: 116.494 $\pm$ 34.122 χ^2 /NDF:23.2/22

All: 124.292 $\pm$ 24.686 χ^2 /NDF: 38.0/41

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: 105.424 $\pm$ 0.045 χ^2 /NDF:10080.9/3

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: 102.620 $\pm$ 0.035 χ^2 /NDF: 19497.3/5

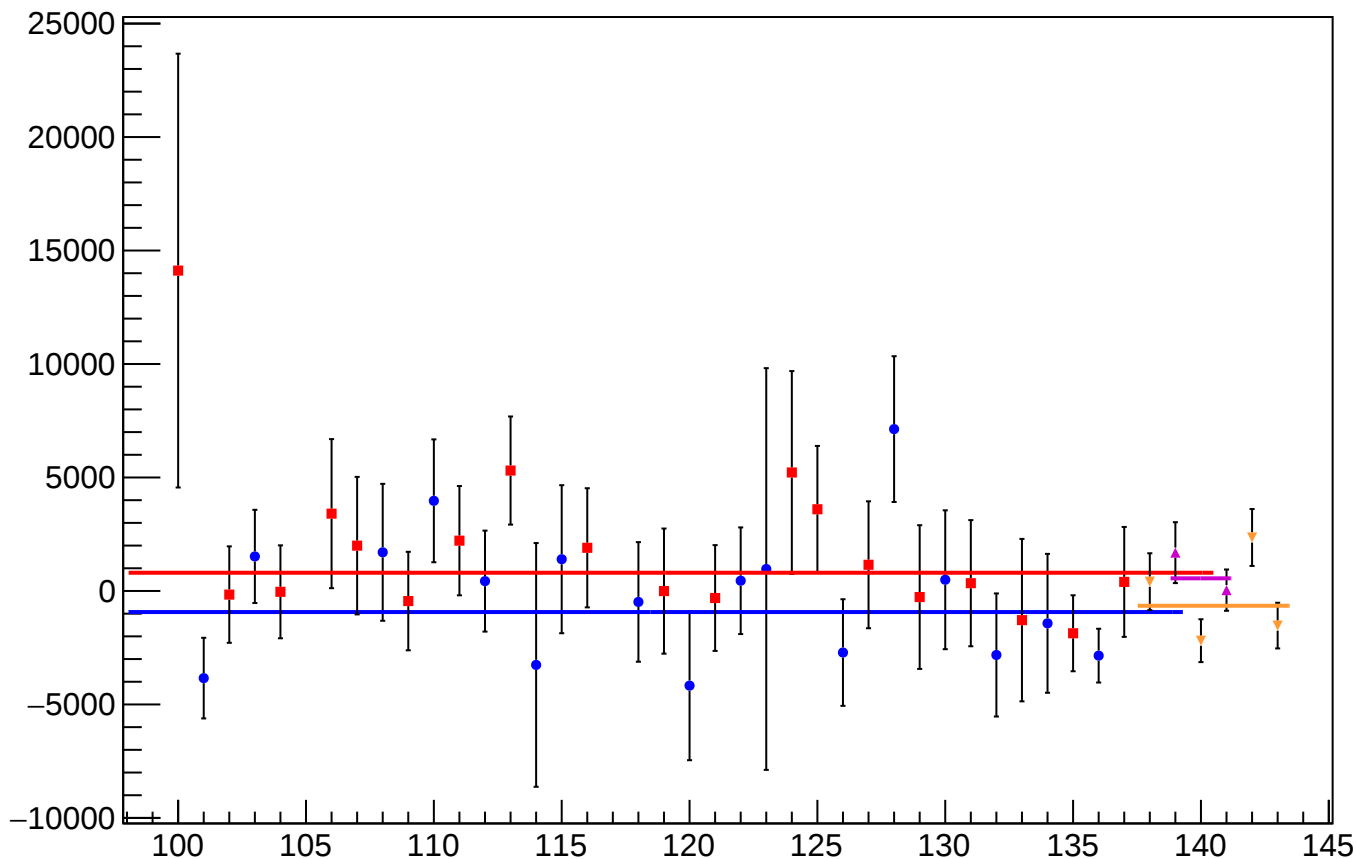
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 102.133 $\pm$ 0.025 χ^2 /NDF:311948.8/18

Out: 105.153 $\pm$ 0.024 χ^2 /NDF:458829.8/22

All: 103.713 $\pm$ 0.017 χ^2 /NDF: 778246.0/41

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: -651.497+/-543.722 χ^2/NDF : 9.9/3

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: -237.301+/-440.771 χ^2/NDF : 12.6/5

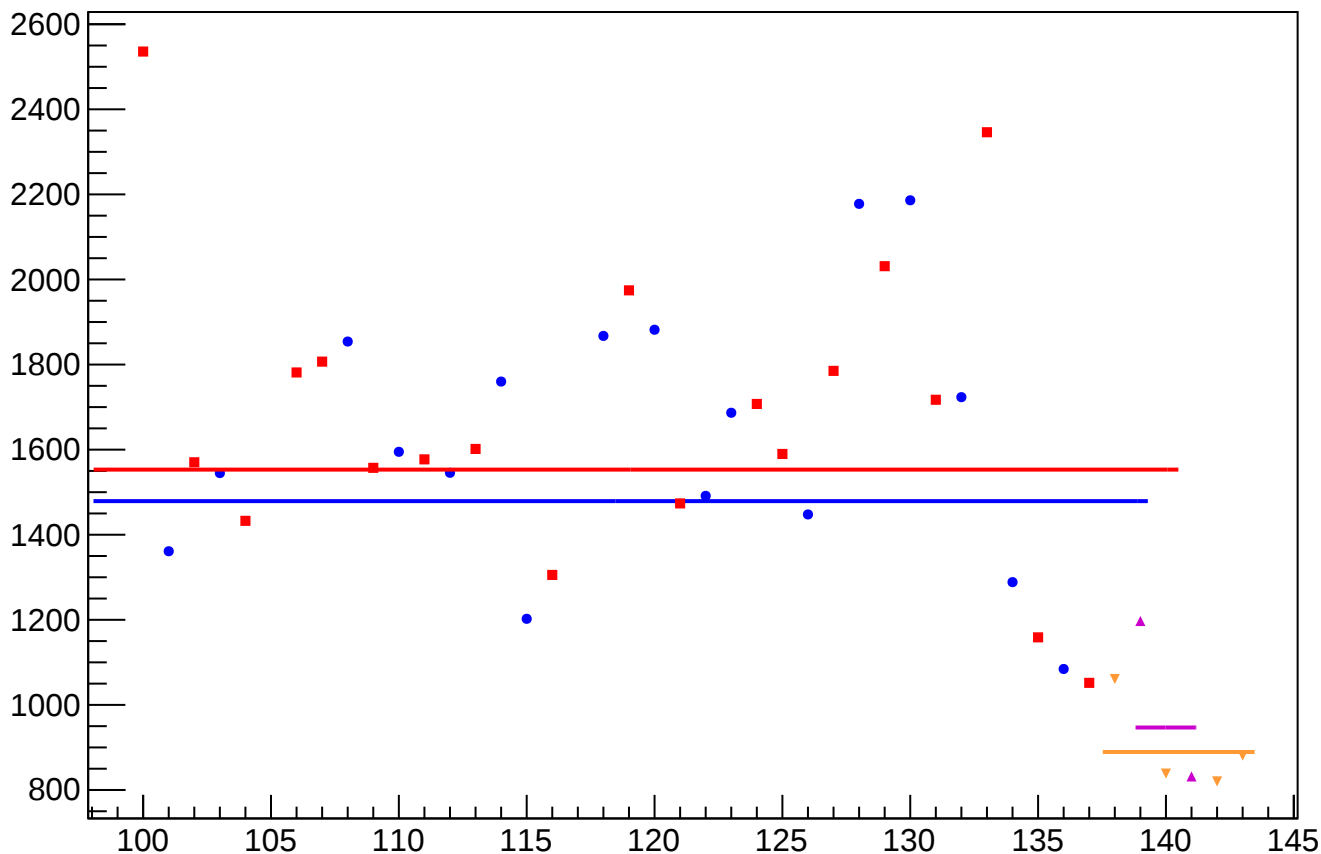
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -367.231+/-462.885 χ^2/NDF : 24.3/18

Out: 11.764+/-401.010 χ^2/NDF : 26.0/22

All: -150.727+/-303.090 χ^2/NDF : 50.7/41

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2/NDF : 589620.8/16

Left Out: 889.333 $\pm$ 0.384 χ^2/NDF : 49564.8/3

Right Out: 1553.074 $\pm$ 0.420 χ^2/NDF : 483784.4/18

Left In: 946.878 $\pm$ 0.532 χ^2/NDF : 101669.5/1

Left: 909.062 $\pm$ 0.312 χ^2/NDF : 158914.7/5

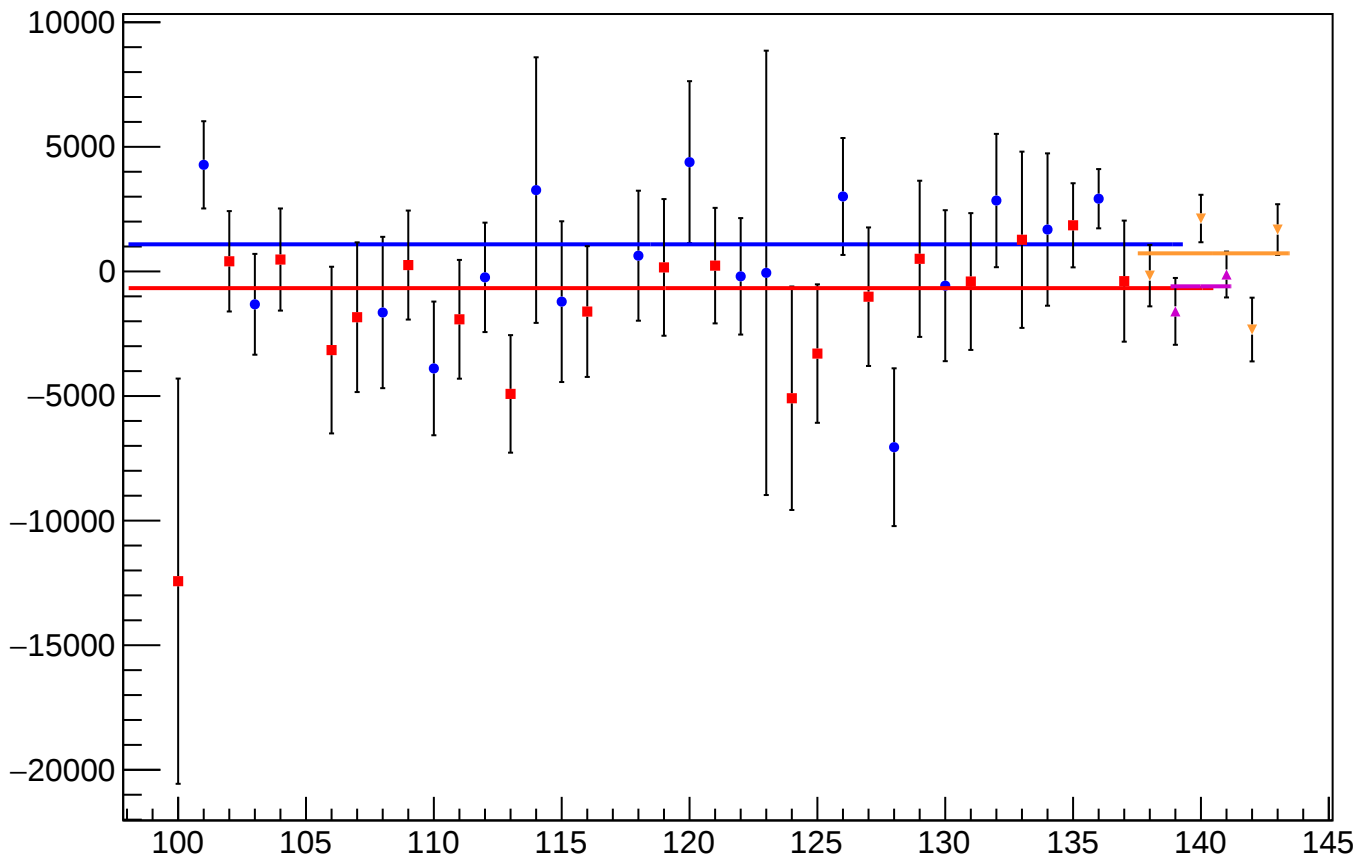
Right: 1515.603 $\pm$ 0.295 χ^2/NDF : 1089150.4/35

In: 1277.796 $\pm$ 0.327 χ^2/NDF : 1312761.4/18

Out: 1192.034 $\pm$ 0.284 χ^2/NDF : 1892566.0/22

All: 1228.804 $\pm$ 0.214 χ^2/NDF : 3244547.5/41

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 726.297 $\pm$ 547.431 χ^2 /NDF:9.3/3

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -597.234 $\pm$ 758.937 χ^2 /NDF:0.8/1

Left: 273.342 $\pm$ 443.983 χ^2 /NDF: 12.1/5

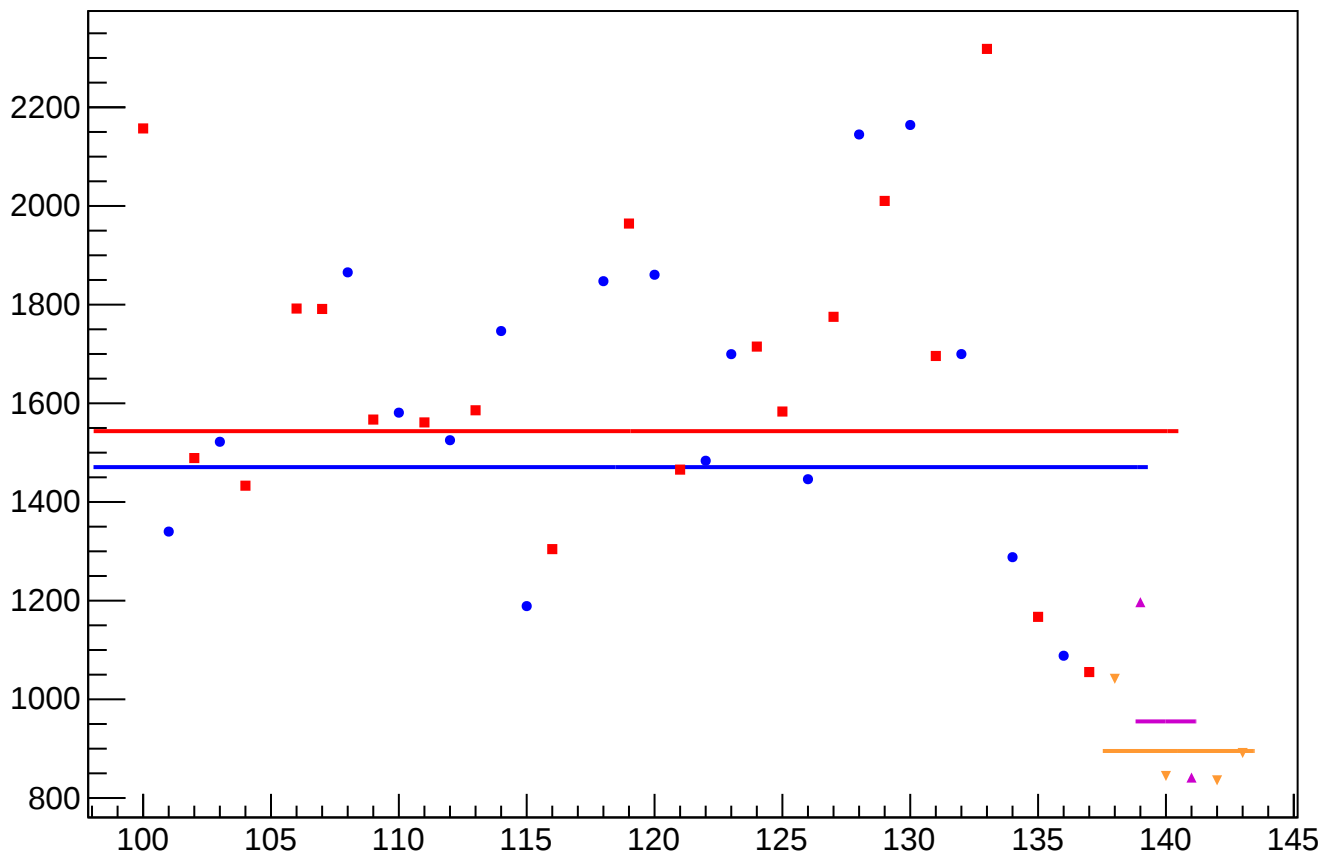
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 462.146 $\pm$ 462.497 χ^2 /NDF:25.8/18

Out: 80.240 $\pm$ 401.296 χ^2 /NDF:24.3/22

All: 244.270 $\pm$ 303.104 χ^2 /NDF: 50.5/41

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 895.309+/-0.387 χ^2/NDF : 38189.9/3

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 955.249+/-0.537 χ^2/NDF : 95501.9/1

Left: 915.822+/-0.314 χ^2/NDF : 141897.7/5

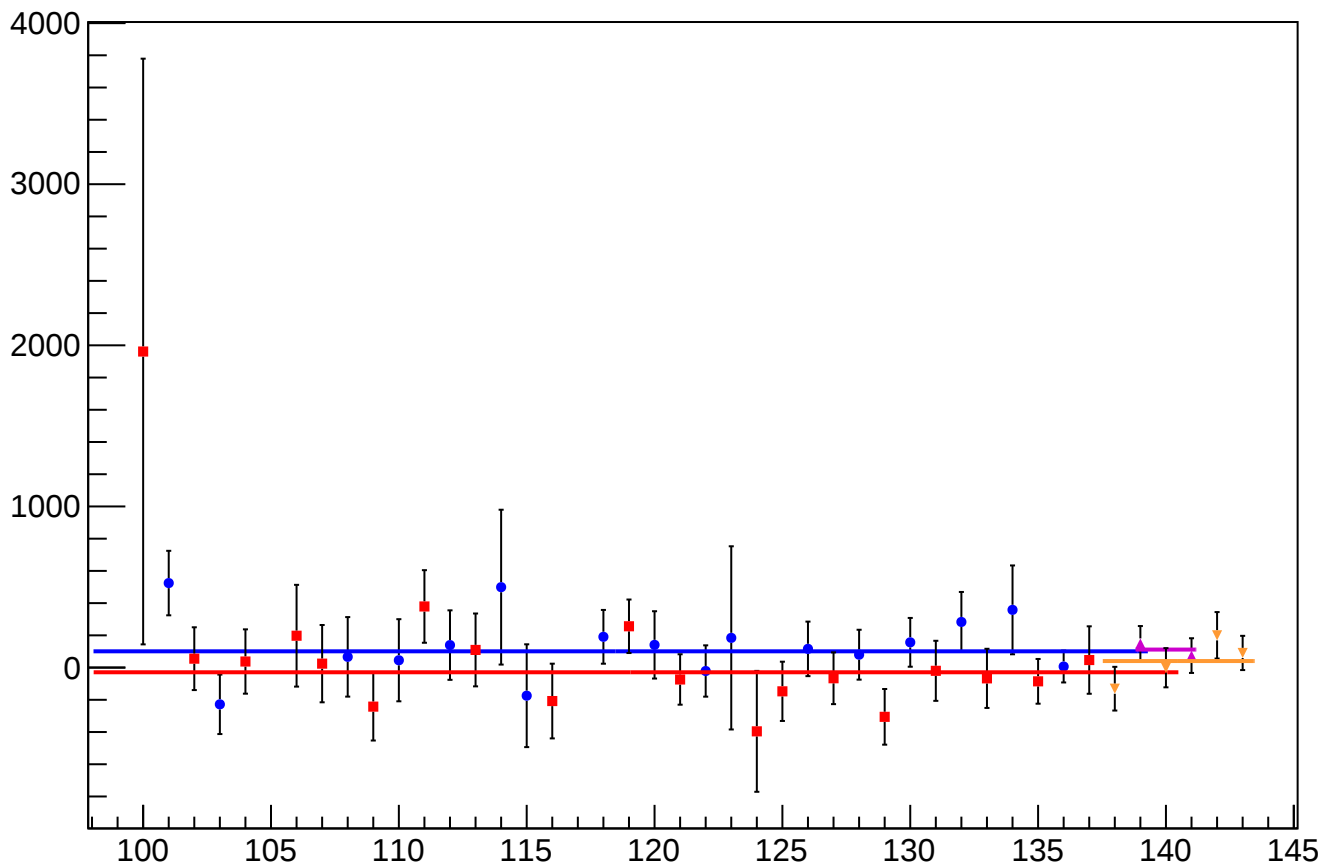
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 1279.266+/-0.327 χ^2/NDF : 1243138.5/18

Out: 1195.226+/-0.284 χ^2/NDF : 1790022.1/22

All: 1231.321+/-0.214 χ^2/NDF : 3070834.5/41

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: 40.529 $\pm$ 62.186 χ^2 /NDF:3.2/3

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: 68.935 $\pm$ 48.212 χ^2 /NDF: 3.9/5

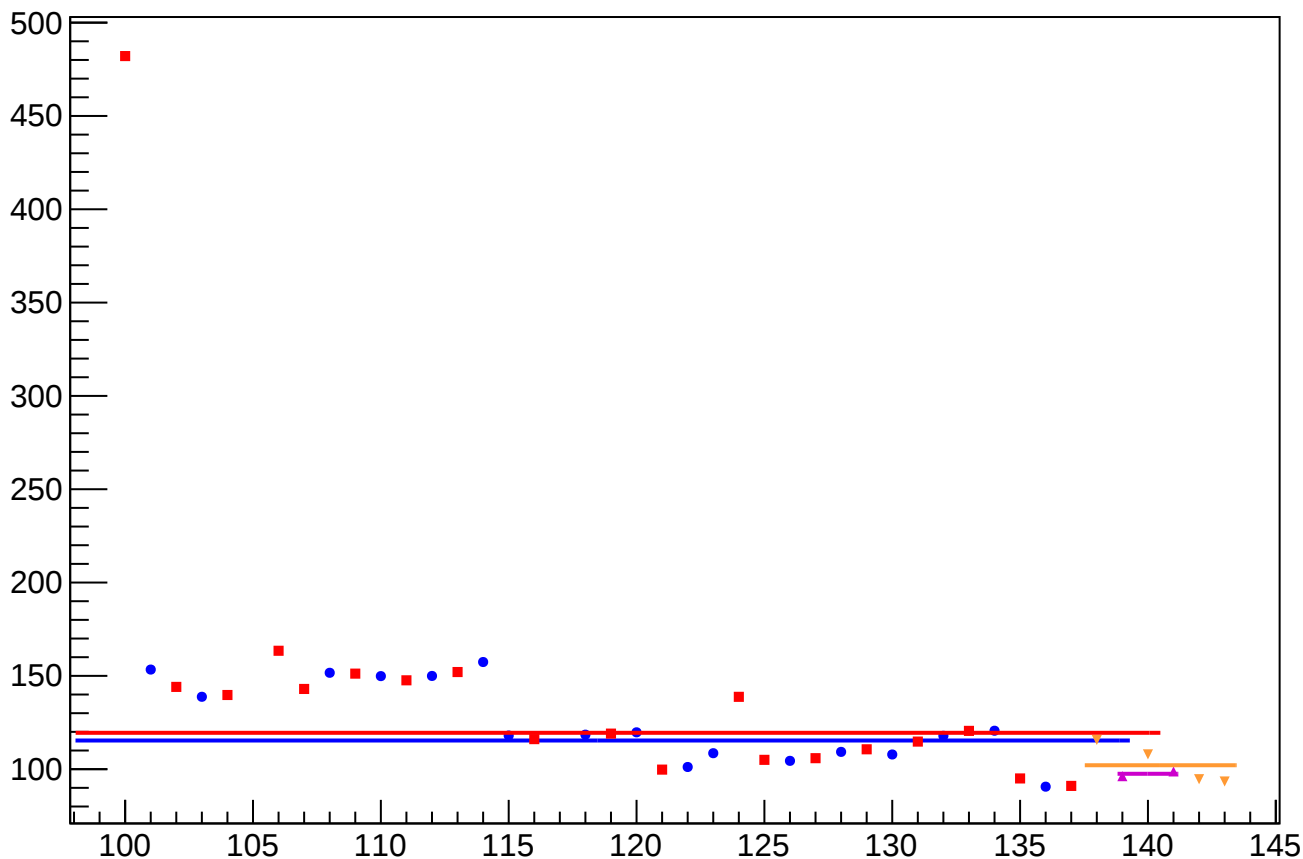
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 103.733 $\pm$ 38.946 χ^2 /NDF:13.3/18

Out: -4.720 $\pm$ 36.823 χ^2 /NDF:18.7/22

All: 46.471 $\pm$ 26.757 χ^2 /NDF: 36.1/41

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: 102.111 $\pm$ 0.044 χ^2 /NDF:43383.3/3

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: 100.285 $\pm$ 0.034 χ^2 /NDF: 48260.4/5

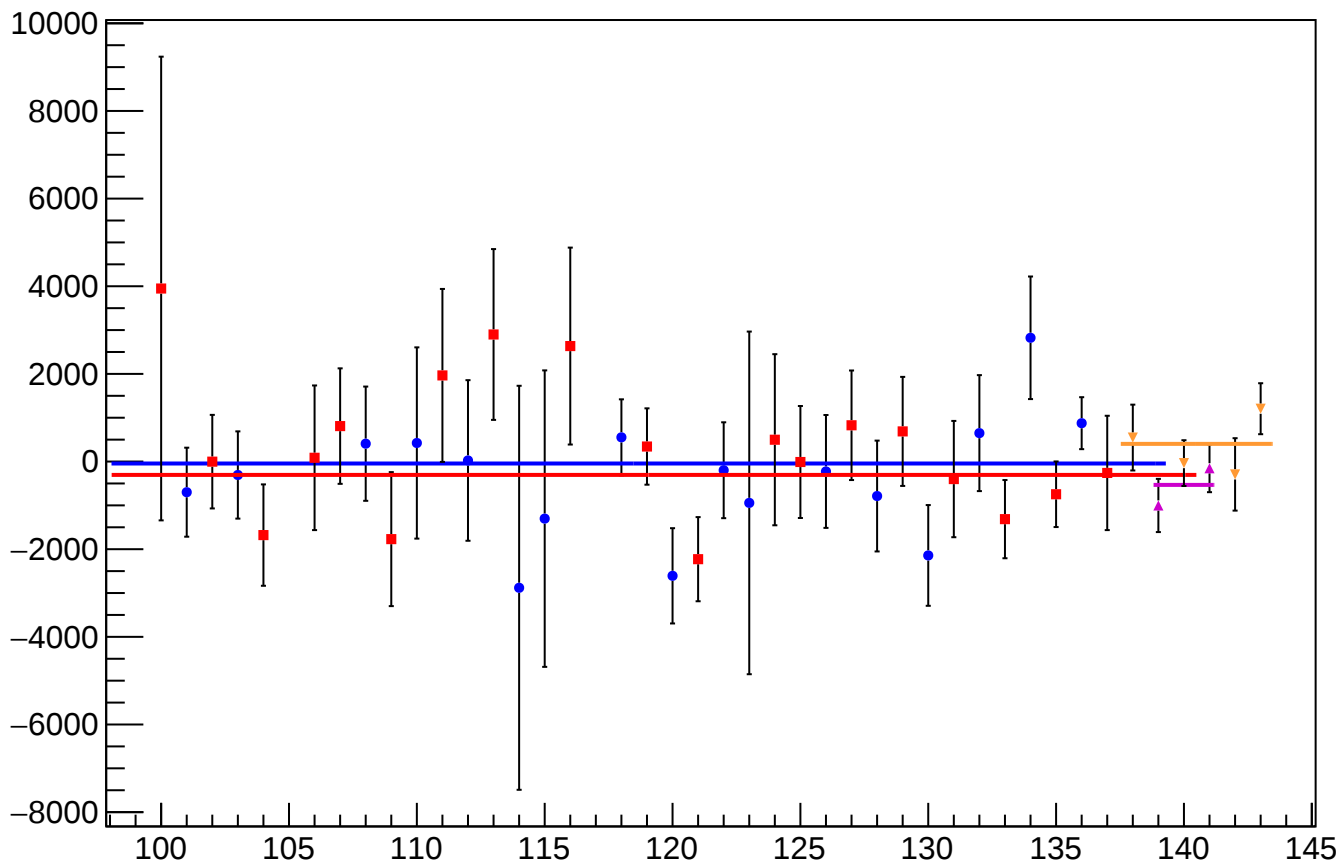
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 110.724 $\pm$ 0.028 χ^2 /NDF:492657.6/18

Out: 113.398 $\pm$ 0.026 χ^2 /NDF:622809.8/22

All: 112.136 $\pm$ 0.019 χ^2 /NDF: 1120443.3/41

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 403.261 ± 318.481 $\chi^2/\text{NDF}: 3.4/3$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -532.811 ± 405.796 $\chi^2/\text{NDF}: 1.1/1$

Left: 46.456 ± 250.535 $\chi^2/\text{NDF}: 7.7/5$

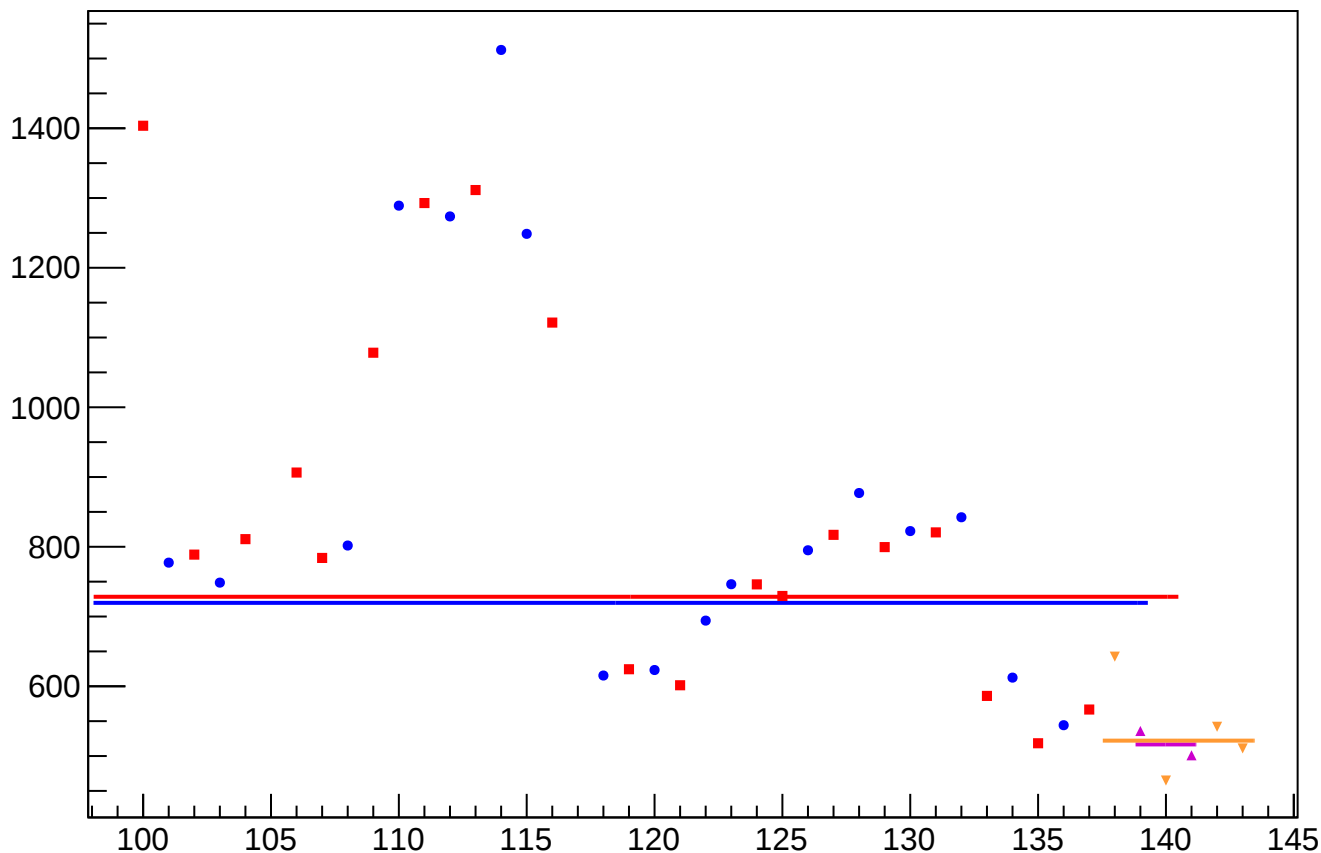
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -206.808 ± 233.928 $\chi^2/\text{NDF}: 19.9/18$

Out: 7.249 ± 211.426 $\chi^2/\text{NDF}: 23.6/22$

All: -88.992 ± 156.854 $\chi^2/\text{NDF}: 43.9/41$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606+/-0.202 χ^2/NDF : 746949.1/16

Left Out: 522.075+/-0.225 χ^2/NDF : 77282.3/3

Right Out: 728.331+/-0.200 χ^2/NDF : 913667.8/18

Left In: 516.646+/-0.287 χ^2/NDF : 3649.8/1

Left: 520.005+/-0.177 χ^2/NDF : 81153.6/5

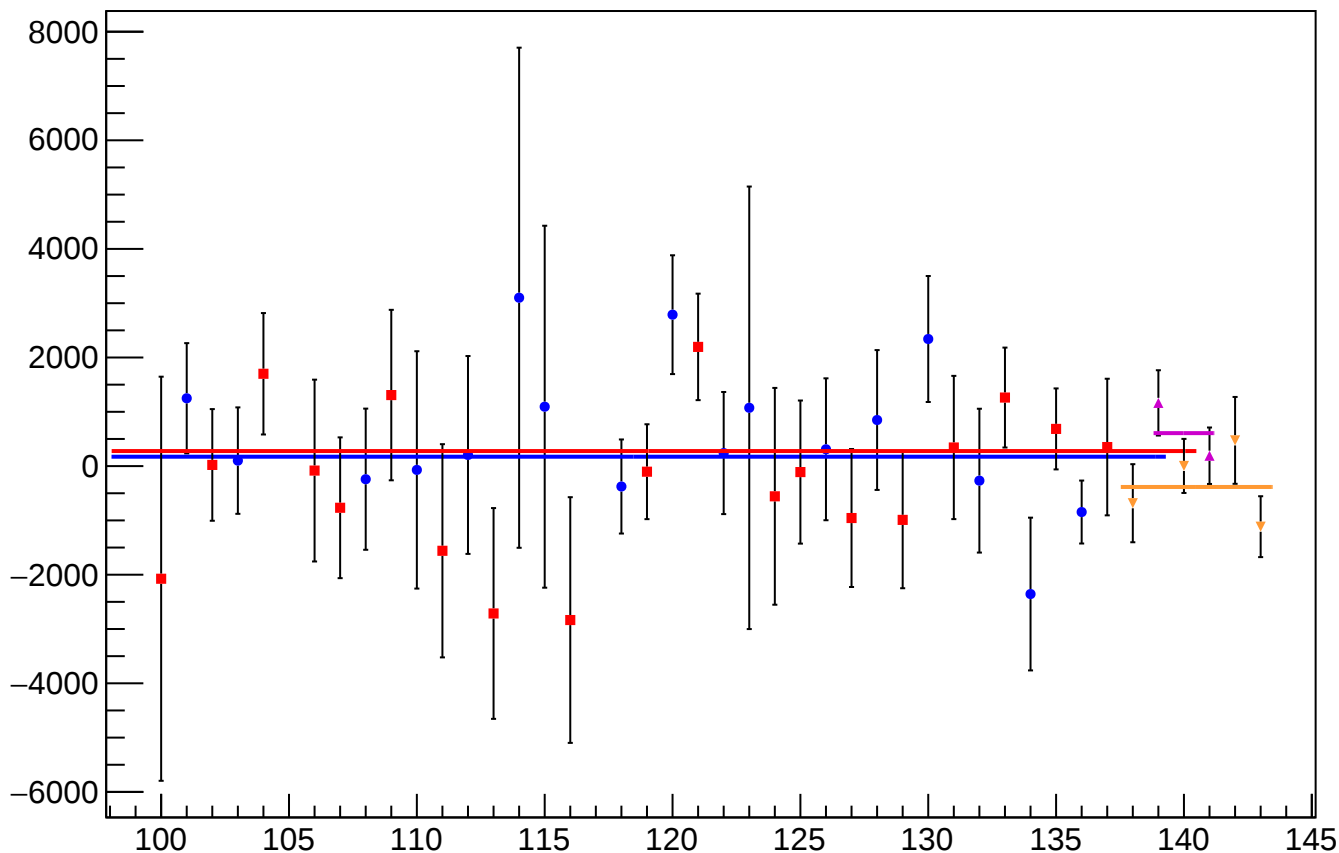
Right: 724.023+/-0.142 χ^2/NDF : 1661557.4/35

In: 652.159+/-0.165 χ^2/NDF : 1084643.2/18

Out: 637.432+/-0.150 χ^2/NDF : 1460105.3/22

All: 644.054+/-0.111 χ^2/NDF : 2549111.3/41

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: -384.238 $\pm$ 305.496 χ^2 /NDF:3.6/3

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: -11.079 $\pm$ 241.257 χ^2 /NDF: 9.1/5

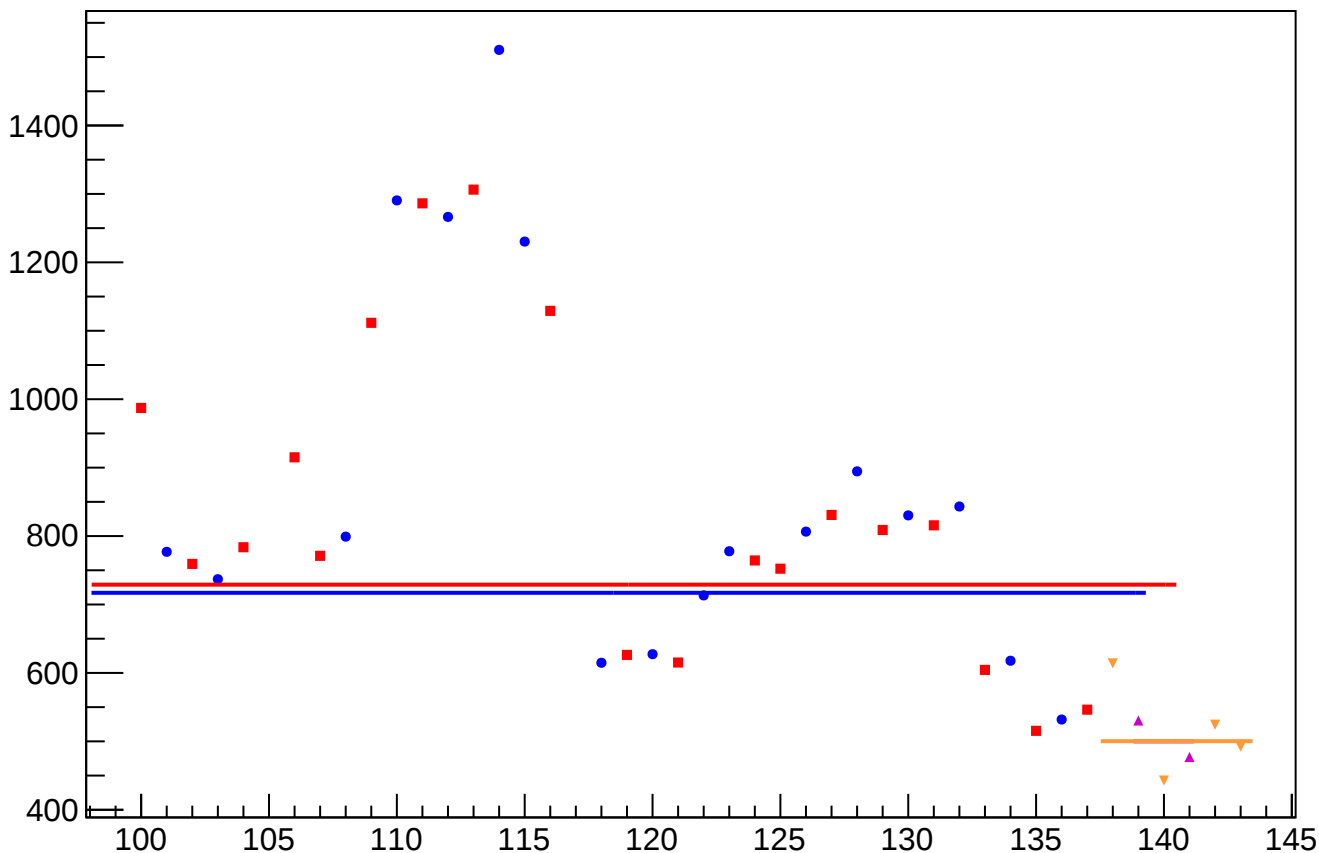
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 323.134 $\pm$ 231.129 χ^2 /NDF:20.4/18

Out: -27.983 $\pm$ 207.501 χ^2 /NDF:22.2/22

All: 128.716 $\pm$ 154.405 χ^2 /NDF: 43.9/41

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 ± 0.202 χ^2/NDF : 782449.4/16

Left Out: 500.267 ± 0.216 χ^2/NDF : 78973.2/3

Right Out: 728.989 ± 0.200 χ^2/NDF : 890725.1/18

Left In: 499.960 ± 0.278 χ^2/NDF : 9002.2/1

Left: 500.151 ± 0.171 χ^2/NDF : 87976.1/5

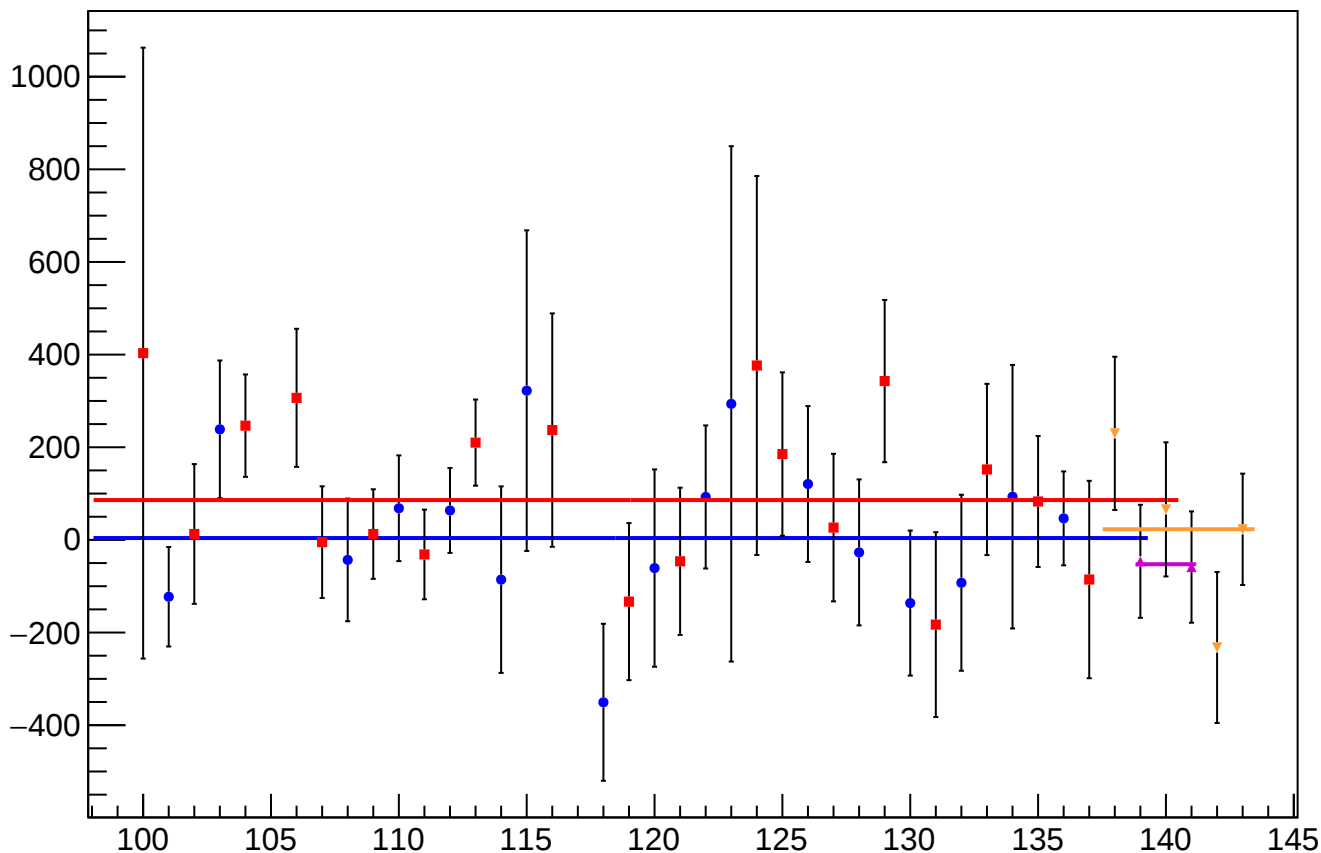
Right: 723.098 ± 0.142 χ^2/NDF : 1674929.6/35

In: 642.088 ± 0.163 χ^2/NDF : 1190504.7/18

Out: 623.469 ± 0.147 χ^2/NDF : 1573569.2/22

All: 631.778 ± 0.109 χ^2/NDF : 2771260.7/41

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 23.021 ± 72.325 $\chi^2/\text{NDF}: 4.1/3$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: -52.513 ± 85.614 $\chi^2/\text{NDF}: 0.0/1$

Left: -8.435 ± 55.250 $\chi^2/\text{NDF}: 4.6/5$

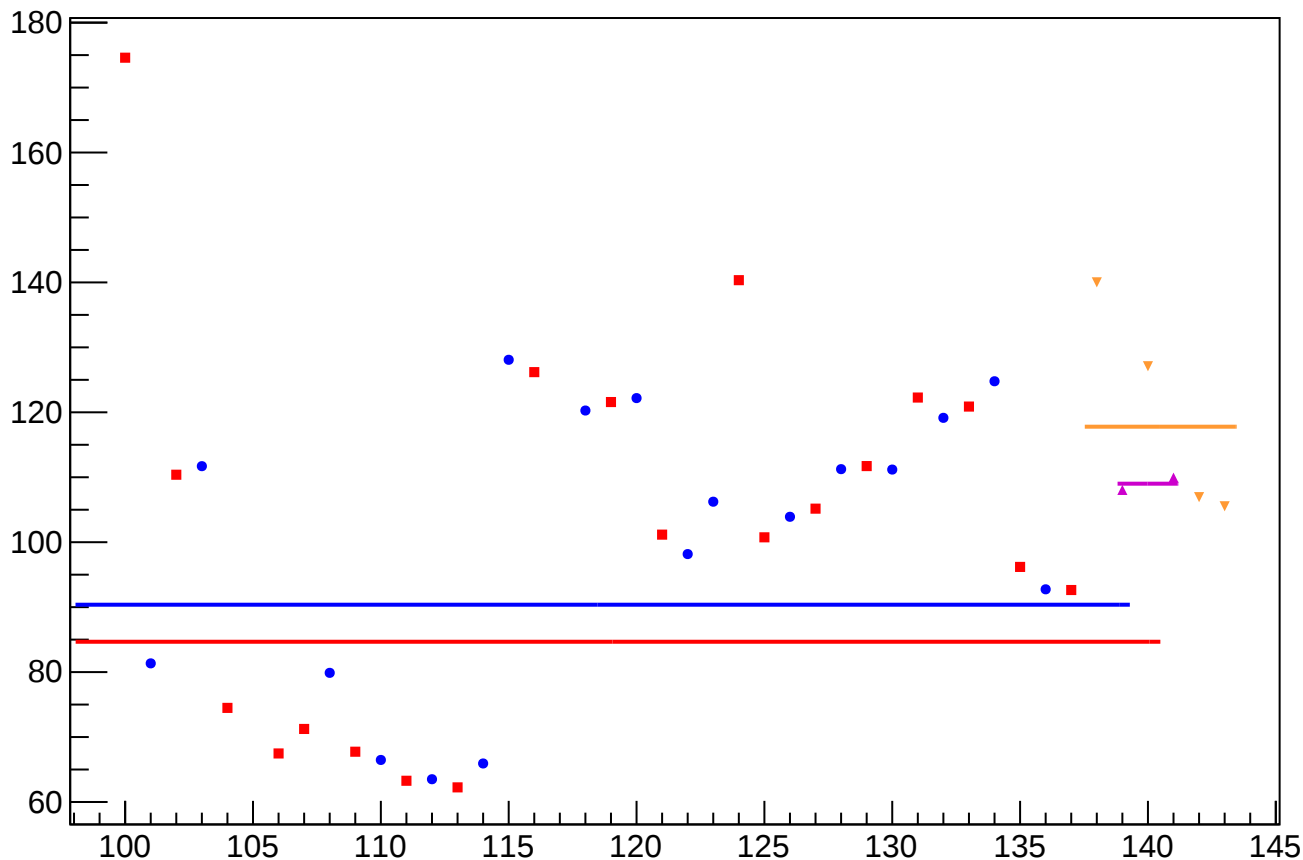
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: -4.461 ± 33.147 $\chi^2/\text{NDF}: 13.1/18$

Out: 74.962 ± 30.300 $\chi^2/\text{NDF}: 22.3/22$

All: 38.806 ± 22.364 $\chi^2/\text{NDF}: 38.6/41$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2/NDF : 654139.7/16

Left Out: 117.785 $\pm$ 0.051 χ^2/NDF : 74052.3/3

Right Out: 84.673 $\pm$ 0.024 χ^2/NDF : 908123.4/18

Left In: 109.010 $\pm$ 0.061 χ^2/NDF : 243.4/1

Left: 114.131 $\pm$ 0.039 χ^2/NDF : 86556.7/5

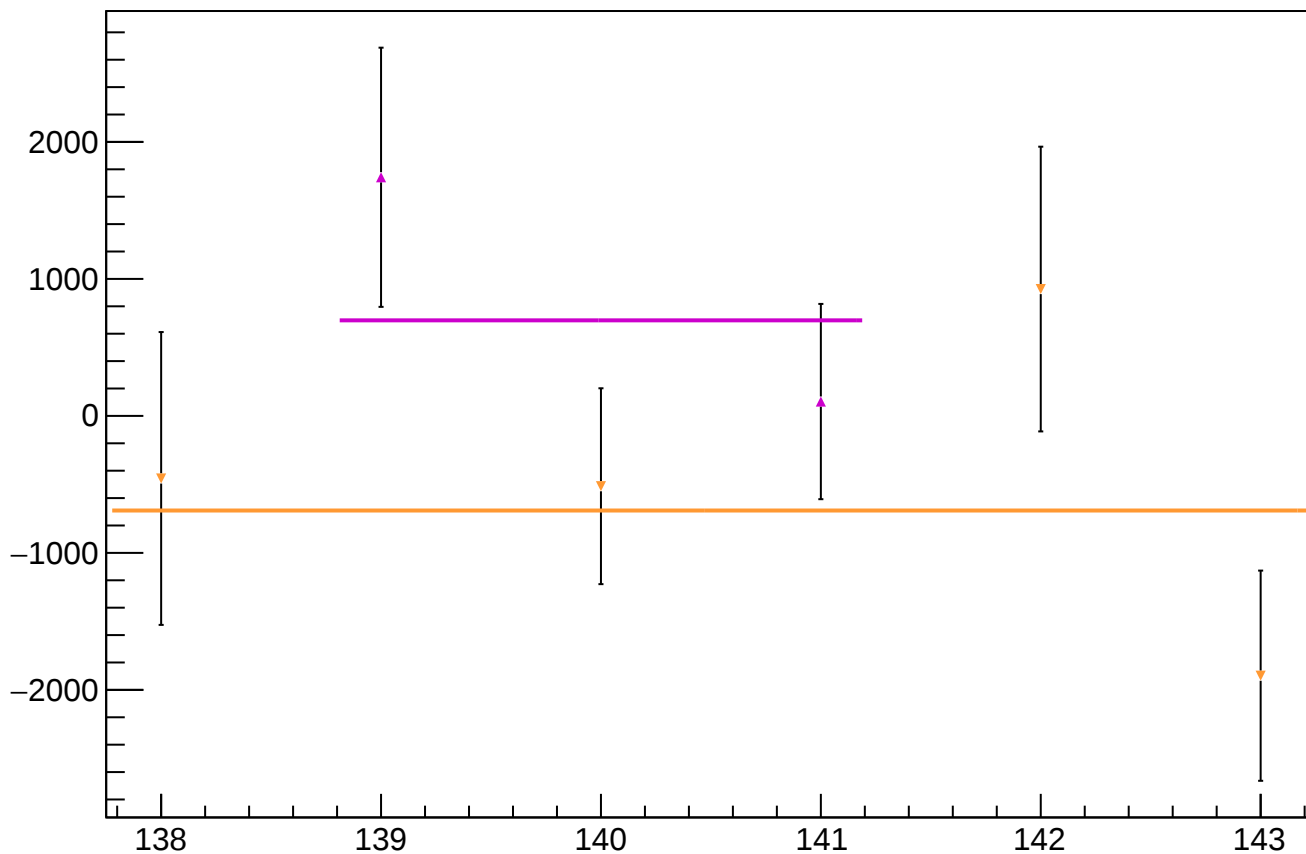
Right: 87.312 $\pm$ 0.017 χ^2/NDF : 1589292.9/35

In: 93.168 $\pm$ 0.023 χ^2/NDF : 734932.0/18

Out: 90.485 $\pm$ 0.021 χ^2/NDF : 1327804.7/22

All: 91.706 $\pm$ 0.016 χ^2/NDF : 2069879.7/41

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -690.625+/-428.087 χ^2/NDF : 5.0/3

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: -189.156+/-342.136 χ^2/NDF : 10.7/5

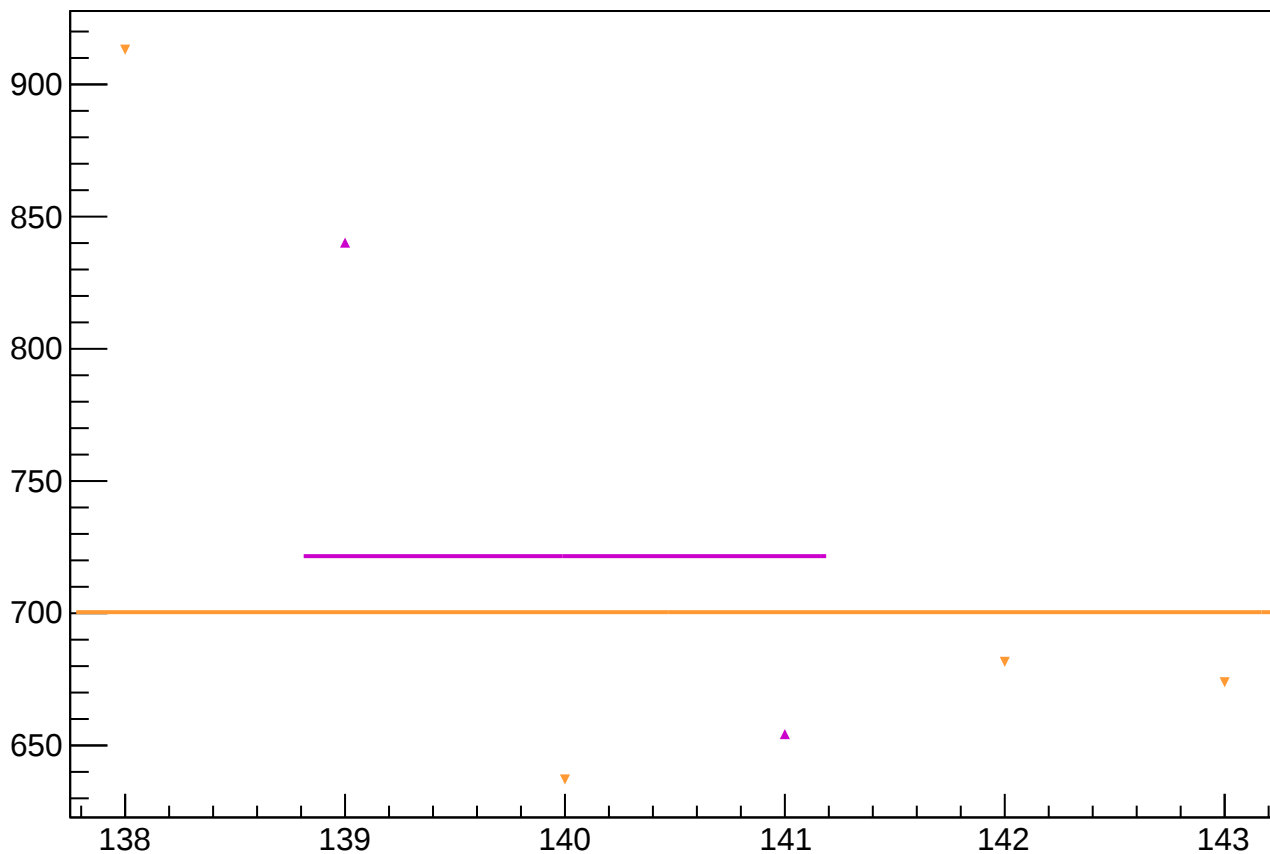
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 697.532+/-569.240 χ^2/NDF : 1.9/1

Out: -690.625+/-428.087 χ^2/NDF : 5.0/3

All: -189.156+/-342.136 χ^2/NDF : 10.7/5

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 700.406+/-0.303 χ^2/NDF :97930.3/3

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: 708.060+/-0.242 χ^2/NDF : 148955.2/5

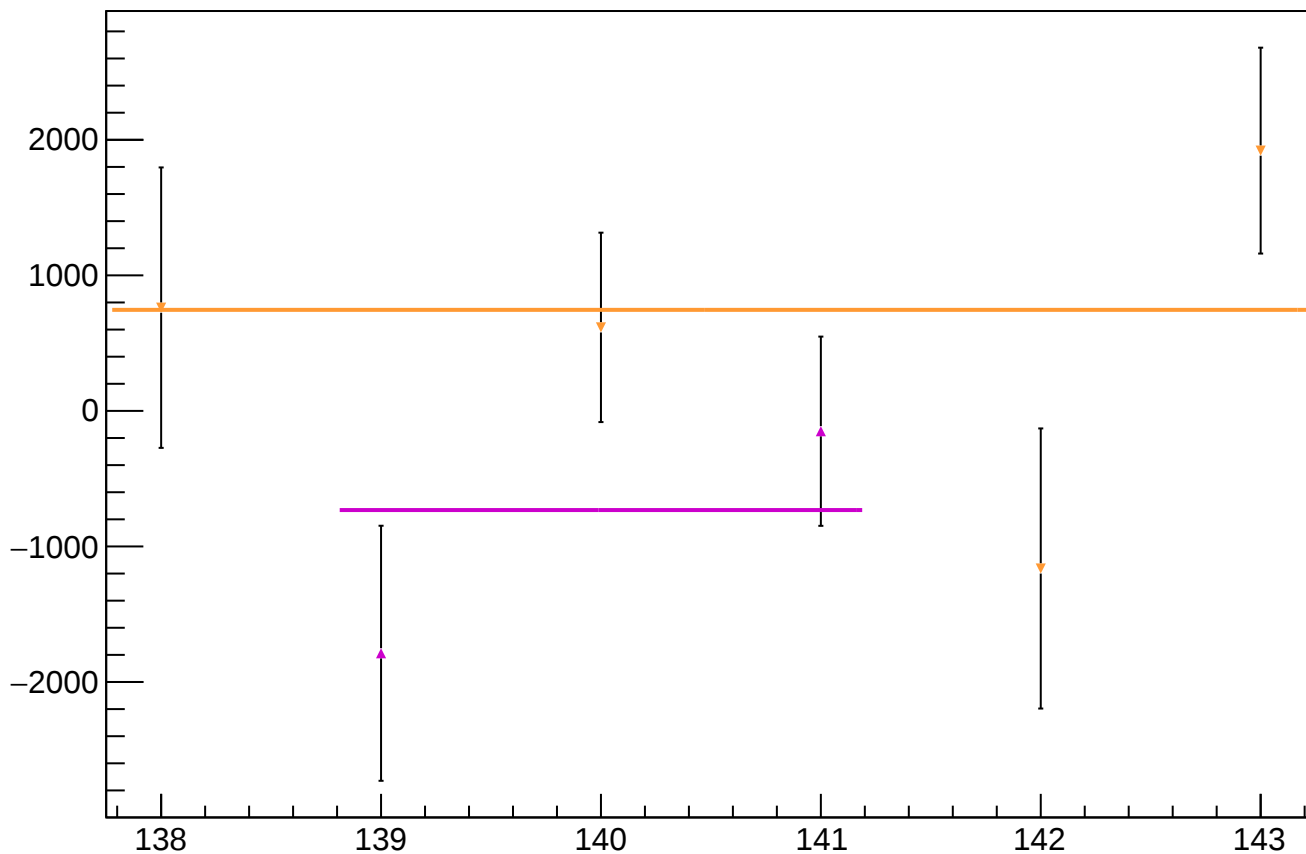
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 721.593+/-0.403 χ^2/NDF :49255.2/1

Out: 700.406+/-0.303 χ^2/NDF :97930.3/3

All: 708.060+/-0.242 χ^2/NDF : 148955.2/5

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 745.510+/-420.585 χ^2/NDF : 5.8/3

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: 213.575+/-336.431 χ^2/NDF : 12.2/5

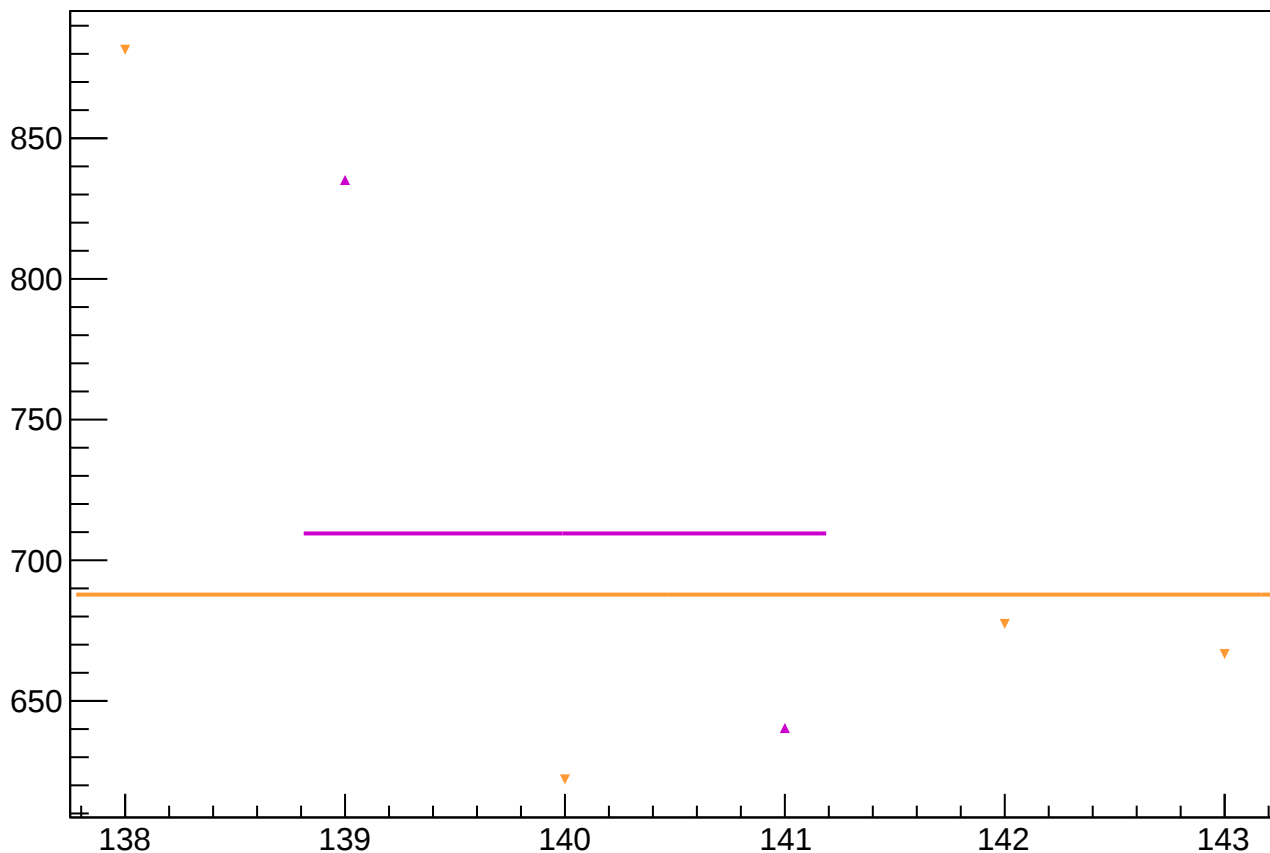
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -731.501+/-560.607 χ^2/NDF : 2.0/1

Out: 745.510+/-420.585 χ^2/NDF : 5.8/3

All: 213.575+/-336.431 χ^2/NDF : 12.2/5

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 687.796+/-0.297 χ^2/NDF : 89521.1/3

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: 695.624+/-0.238 χ^2/NDF : 146740.6/5

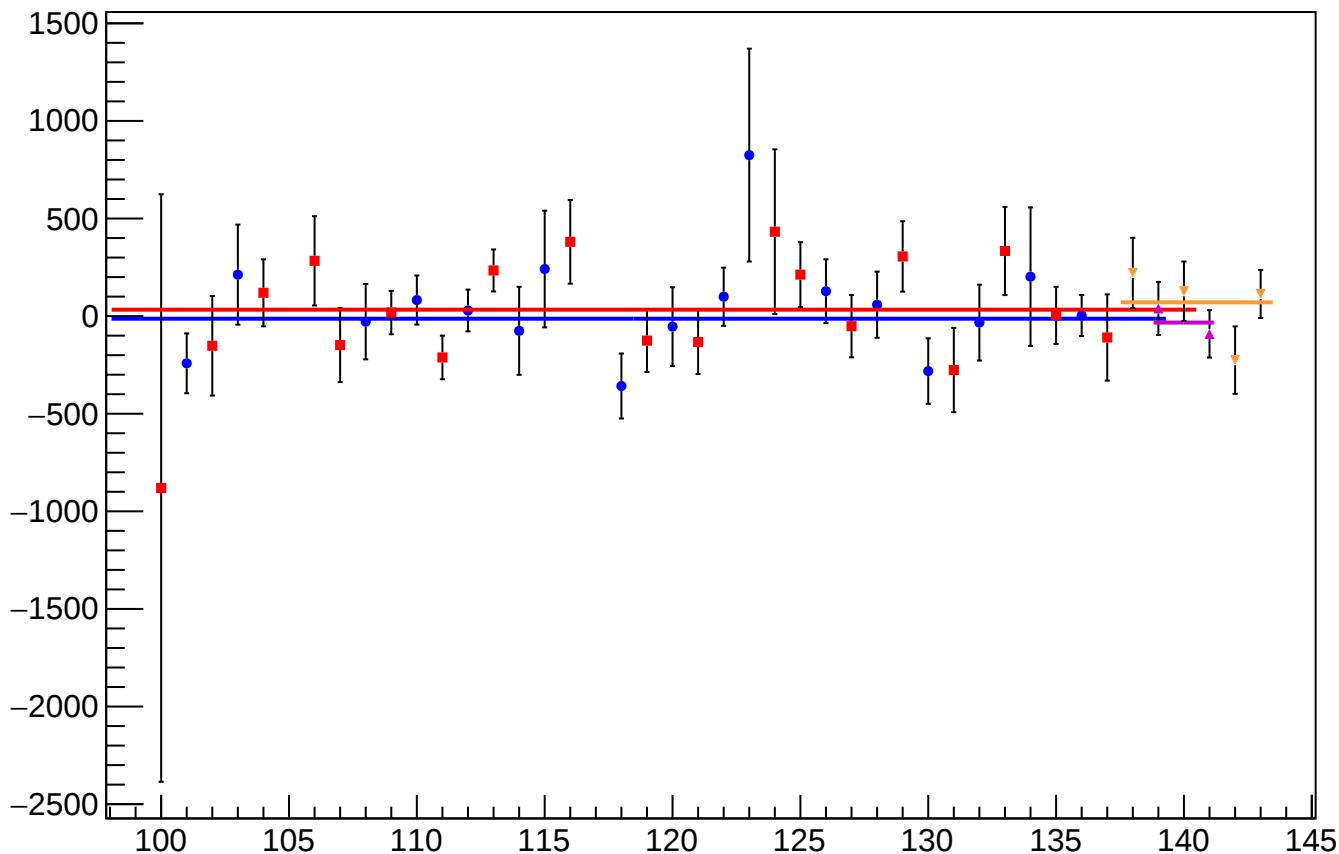
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 709.533+/-0.396 χ^2/NDF : 55295.7/1

Out: 687.796+/-0.297 χ^2/NDF : 89521.1/3

All: 695.624+/-0.238 χ^2/NDF : 146740.6/5

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 70.686 ± 75.919 $\chi^2/\text{NDF}: 3.9/3$

Right Out: 33.027 ± 38.878 $\chi^2/\text{NDF}: 25.1/18$

Left In: -32.979 ± 90.471 $\chi^2/\text{NDF}: 0.5/1$

Left: 27.851 ± 58.156 $\chi^2/\text{NDF}: 5.2/5$

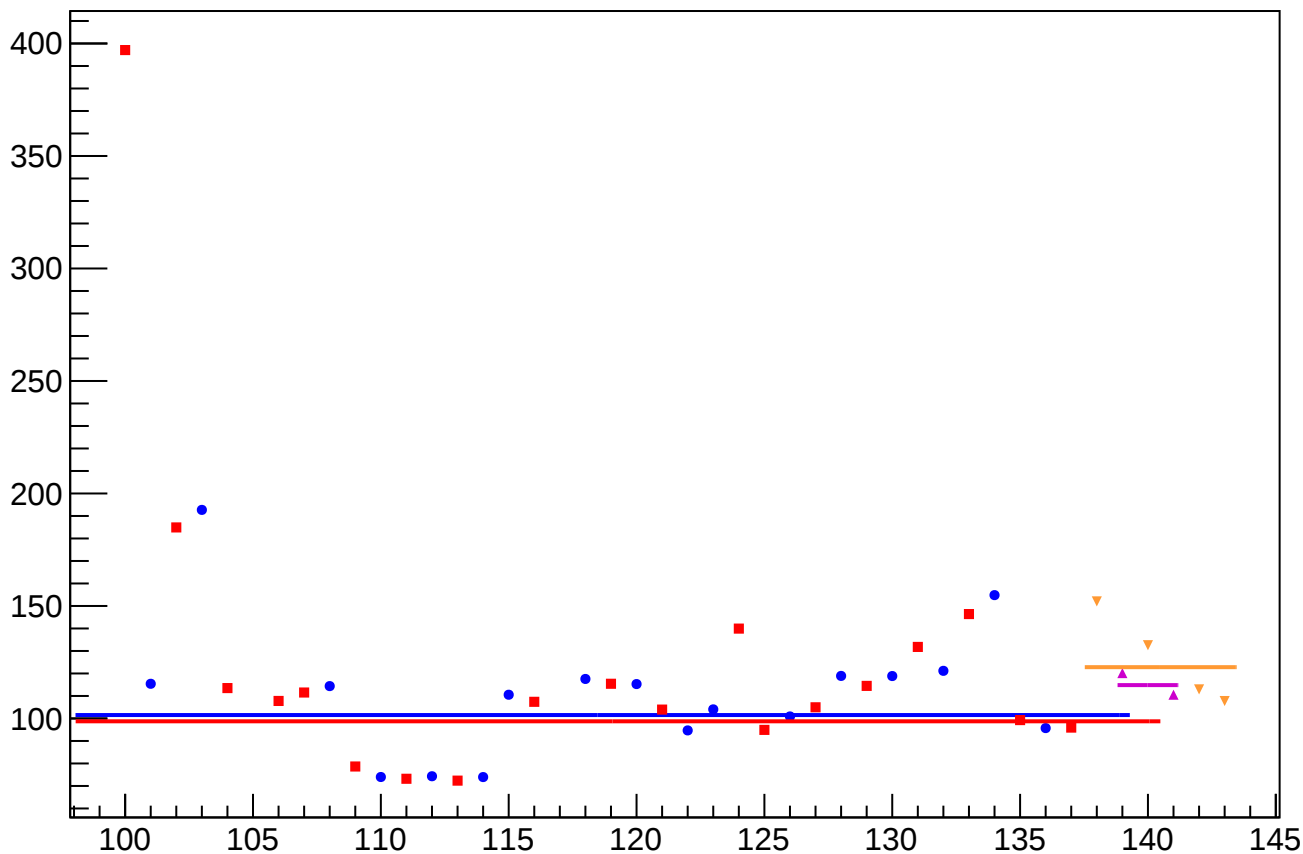
Right: 10.881 ± 28.065 $\chi^2/\text{NDF}: 41.4/35$

In: -16.522 ± 37.006 $\chi^2/\text{NDF}: 16.2/18$

Out: 40.851 ± 34.605 $\chi^2/\text{NDF}: 29.2/22$

All: 14.086 ± 25.275 $\chi^2/\text{NDF}: 46.7/41$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519+/-0.029 χ^2/NDF : 681713.7/16

Left Out: 122.799+/-0.054 χ^2/NDF : 97398.9/3

Right Out: 98.736+/-0.027 χ^2/NDF : 825631.4/18

Left In: 114.826+/-0.064 χ^2/NDF : 5568.9/1

Left: 119.505+/-0.041 χ^2/NDF : 112081.3/5

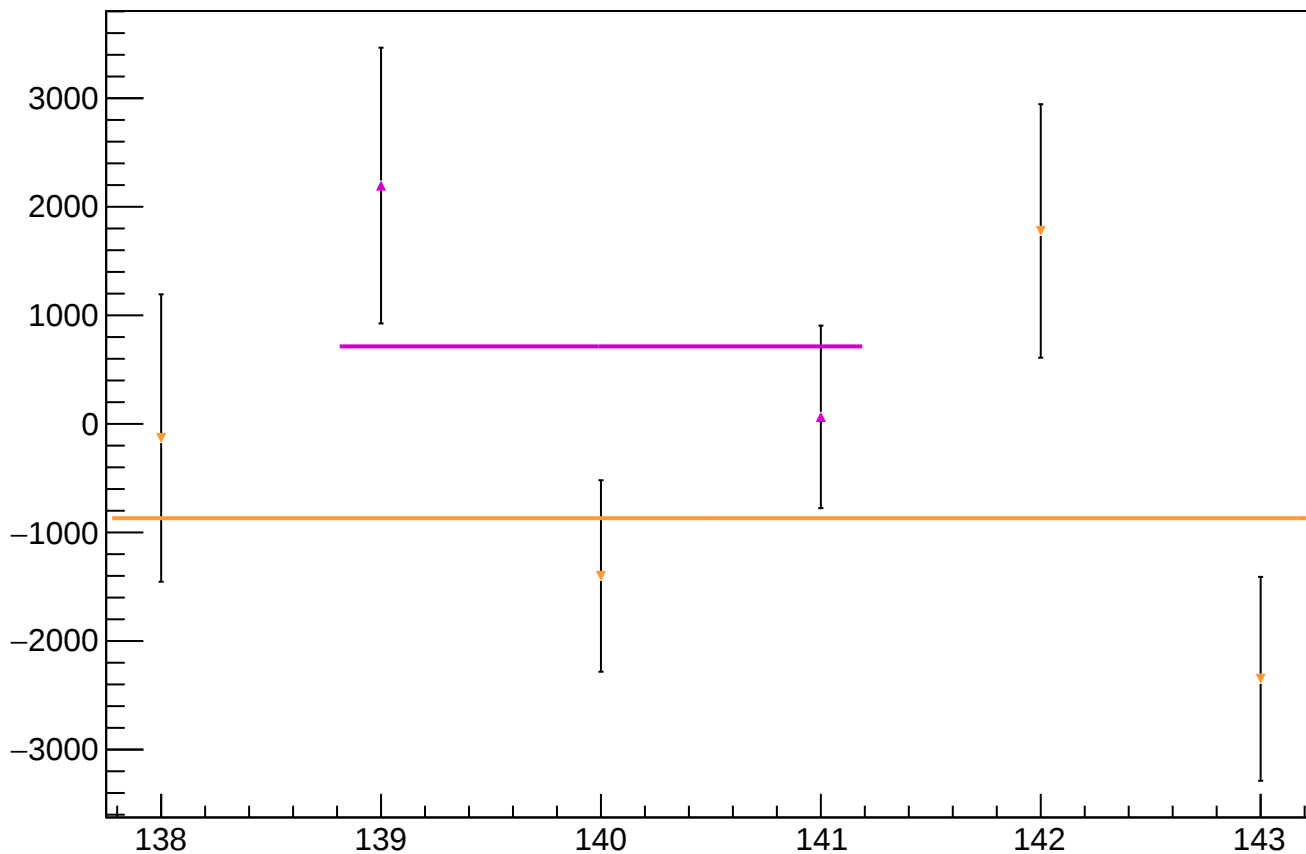
Right: 100.069+/-0.020 χ^2/NDF : 1512254.1/35

In: 103.746+/-0.026 χ^2/NDF : 723314.0/18

Out: 103.735+/-0.024 χ^2/NDF : 1082210.9/22

All: 103.740+/-0.018 χ^2/NDF : 1805525.0/41

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -868.472+/-518.296 χ^2/NDF :8.3/3

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: -309.298+/-416.776 χ^2/NDF : 13.5/5

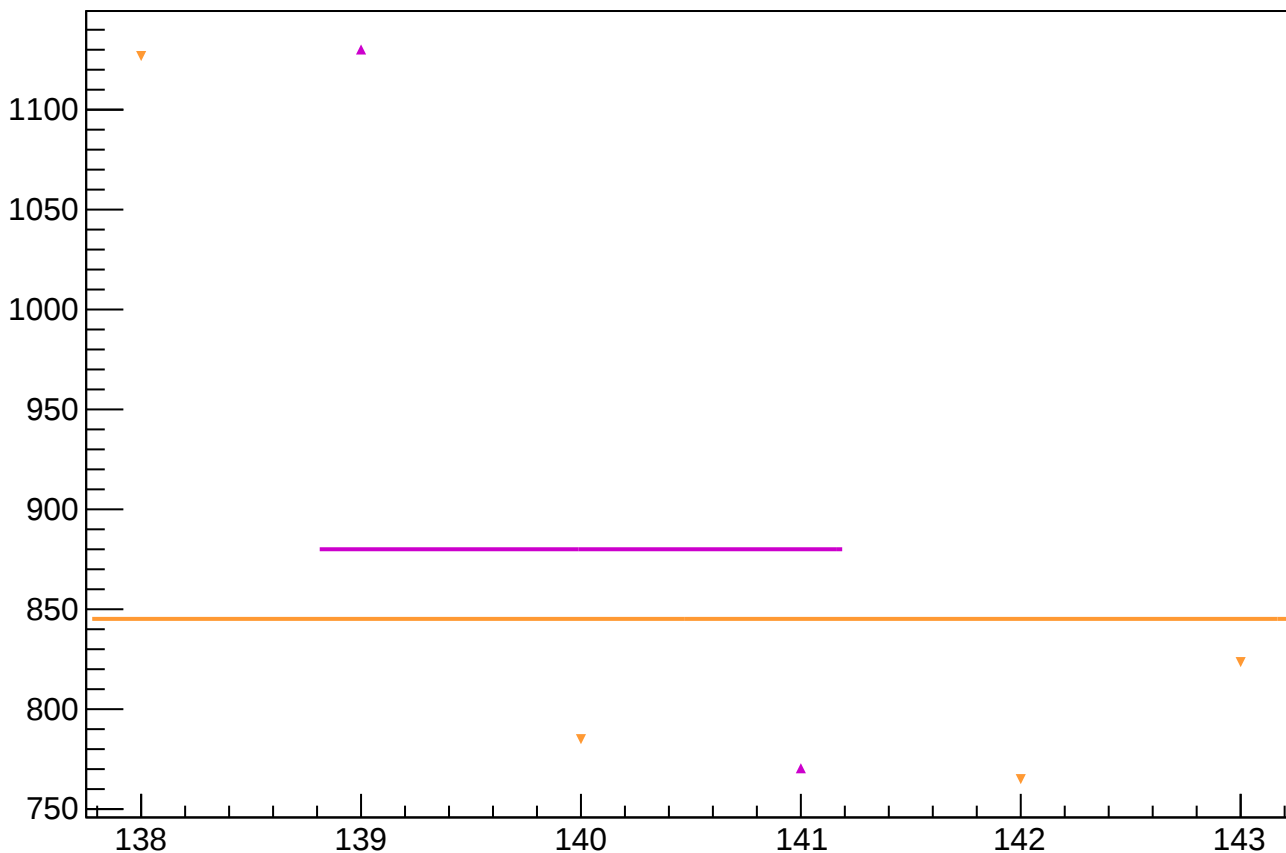
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 713.883+/-701.101 χ^2/NDF :2.0/1

Out: -868.472+/-518.296 χ^2/NDF :8.3/3

All: -309.298+/-416.776 χ^2/NDF : 13.5/5

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 845.182+/-0.366 χ^2/NDF :110330.6/3

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: 857.495+/-0.295 χ^2/NDF : 225045.4/5

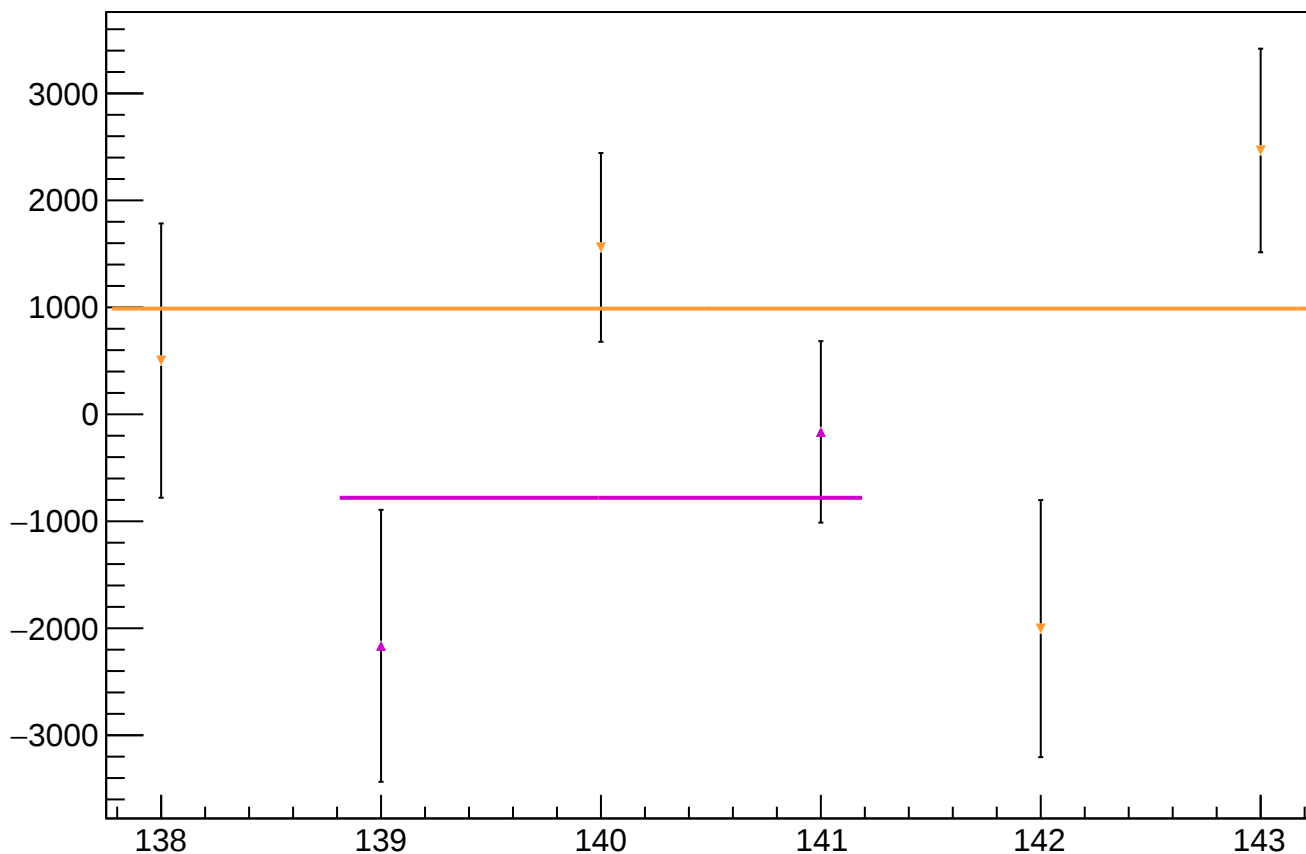
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 880.025+/-0.496 χ^2/NDF :111520.8/1

Out: 845.182+/-0.366 χ^2/NDF :110330.6/3

All: 857.495+/-0.295 χ^2/NDF : 225045.4/5

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 988.245 ± 520.620 $\chi^2/\text{NDF}: 9.2/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -780.250 ± 705.532 $\chi^2/\text{NDF}: 1.7/1$

Left: 364.767 ± 418.914 $\chi^2/\text{NDF}: 15.0/5$

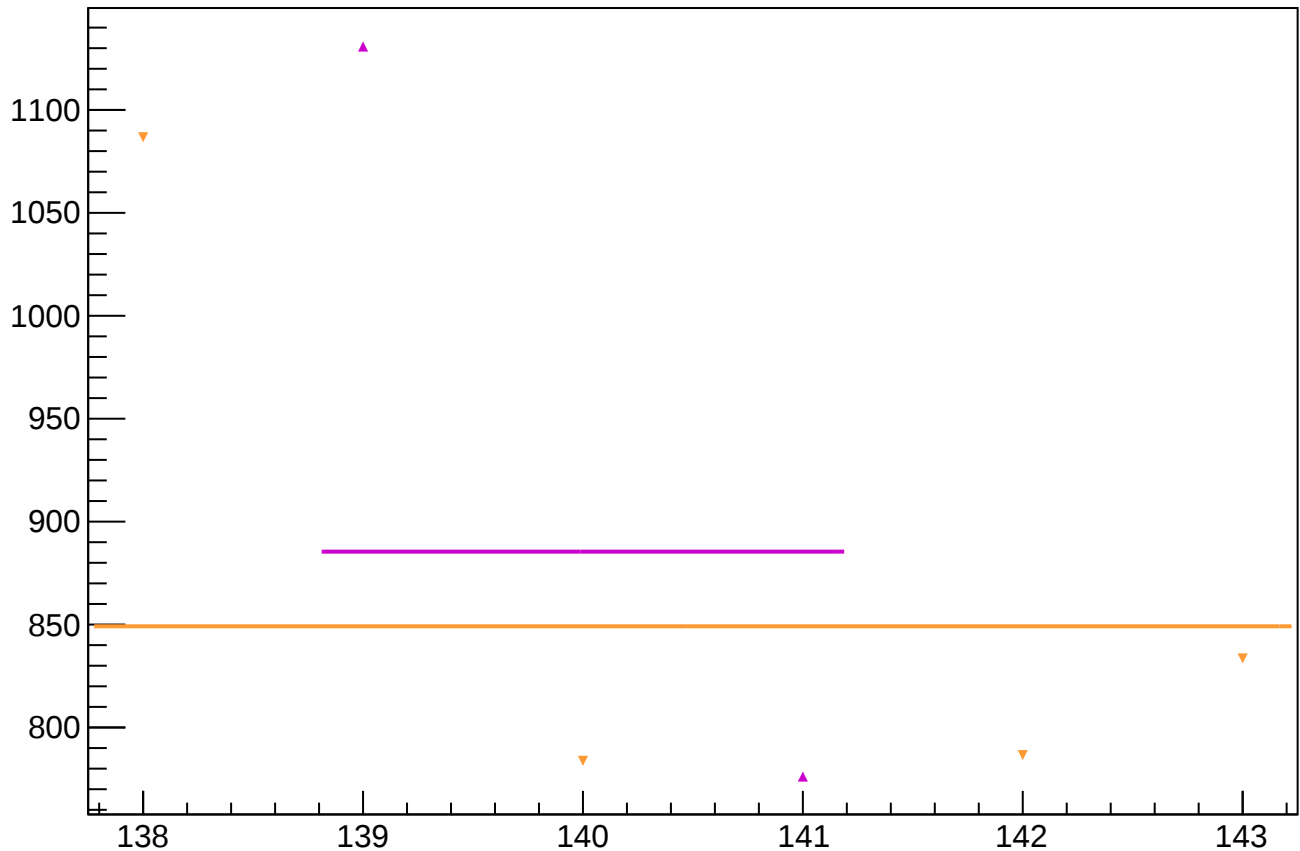
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -780.250 ± 705.532 $\chi^2/\text{NDF}: 1.7/1$

Out: 988.245 ± 520.620 $\chi^2/\text{NDF}: 9.2/3$

All: 364.767 ± 418.914 $\chi^2/\text{NDF}: 15.0/5$

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 849.156+/-0.368 χ^2/NDF : 85619.1/3

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: 861.941+/-0.296 χ^2/NDF : 196773.1/5

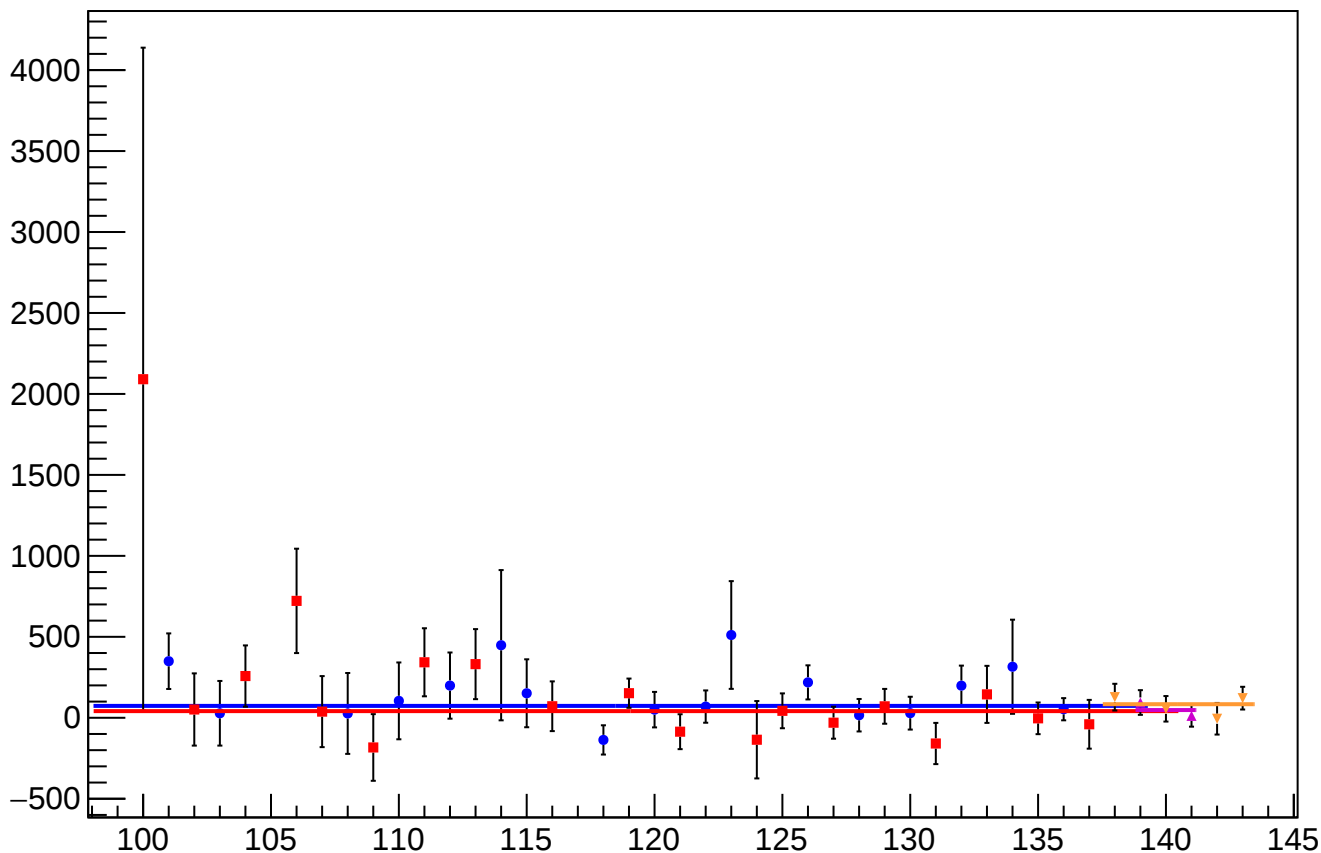
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 885.422+/-0.499 χ^2/NDF : 107732.4/1

Out: 849.156+/-0.368 χ^2/NDF : 85619.1/3

All: 861.941+/-0.296 χ^2/NDF : 196773.1/5

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 83.830 $\pm$ 40.283 χ^2 /NDF:1.5/3

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 47.732 $\pm$ 50.251 χ^2 /NDF:0.7/1

Left: 69.708 $\pm$ 31.431 χ^2 /NDF: 2.5/5

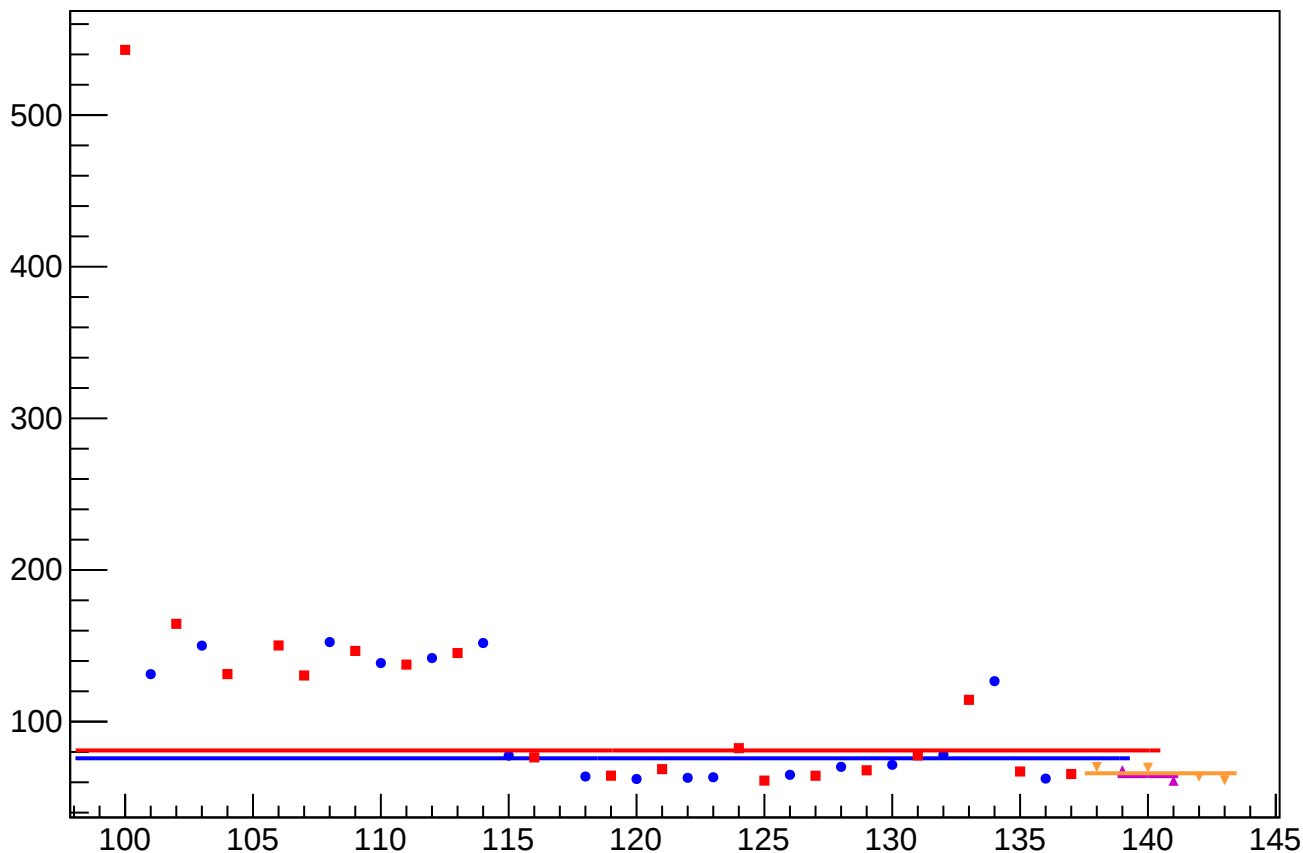
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 66.339 $\pm$ 26.421 χ^2 /NDF:16.1/18

Out: 58.109 $\pm$ 25.407 χ^2 /NDF:21.4/22

All: 62.063 $\pm$ 18.313 χ^2 /NDF: 37.6/41

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: 65.954 $\pm$ 0.028 χ^2 /NDF: 19096.2/3

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: 65.203 $\pm$ 0.022 χ^2 /NDF: 30189.7/5

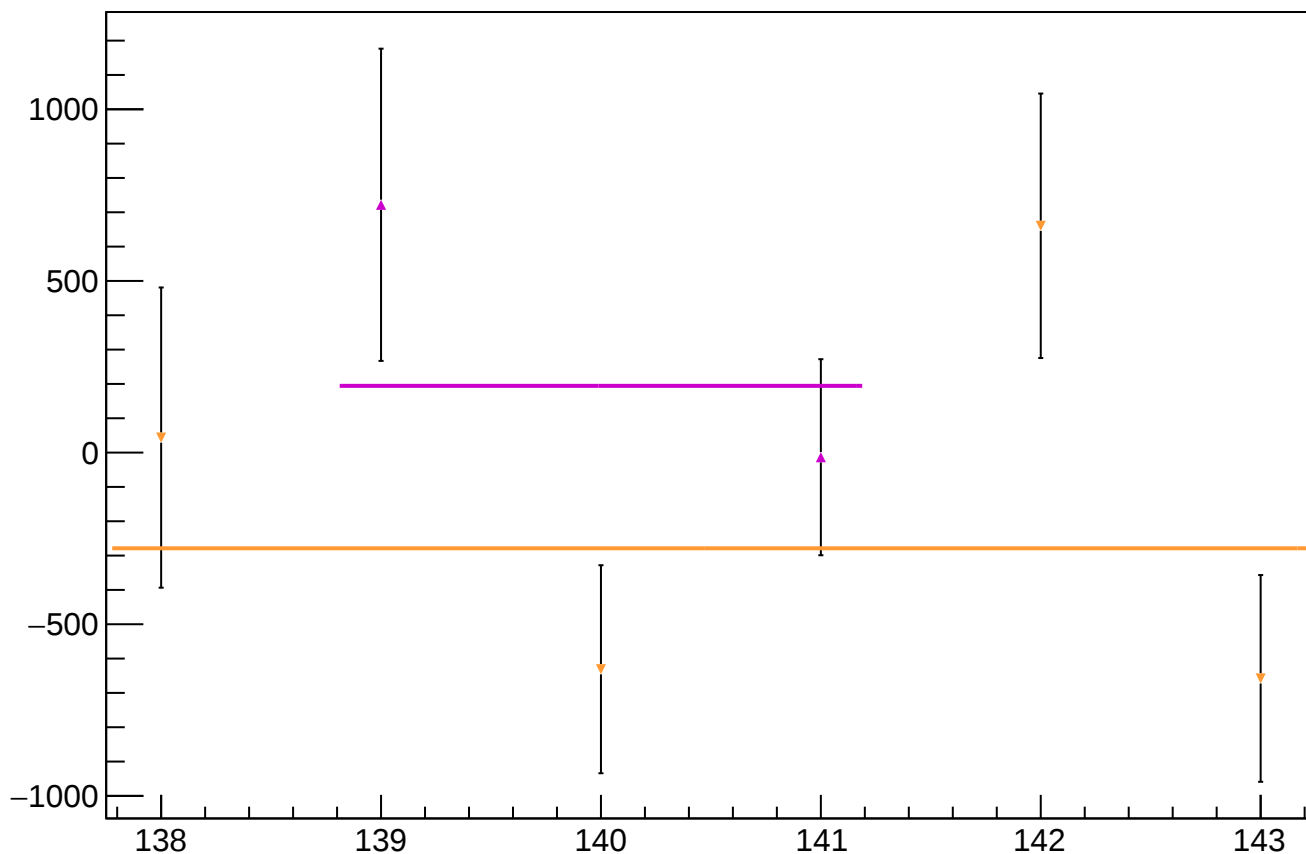
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 72.562 $\pm$ 0.019 χ^2 /NDF: 1438868.3/18

Out: 75.014 $\pm$ 0.018 χ^2 /NDF: 1815002.1/22

All: 73.836 $\pm$ 0.013 χ^2 /NDF: 3262823.1/41

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -278.773+/-171.774 χ^2/NDF : 9.4/3

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: -120.089+/-140.040 χ^2/NDF : 13.8/5

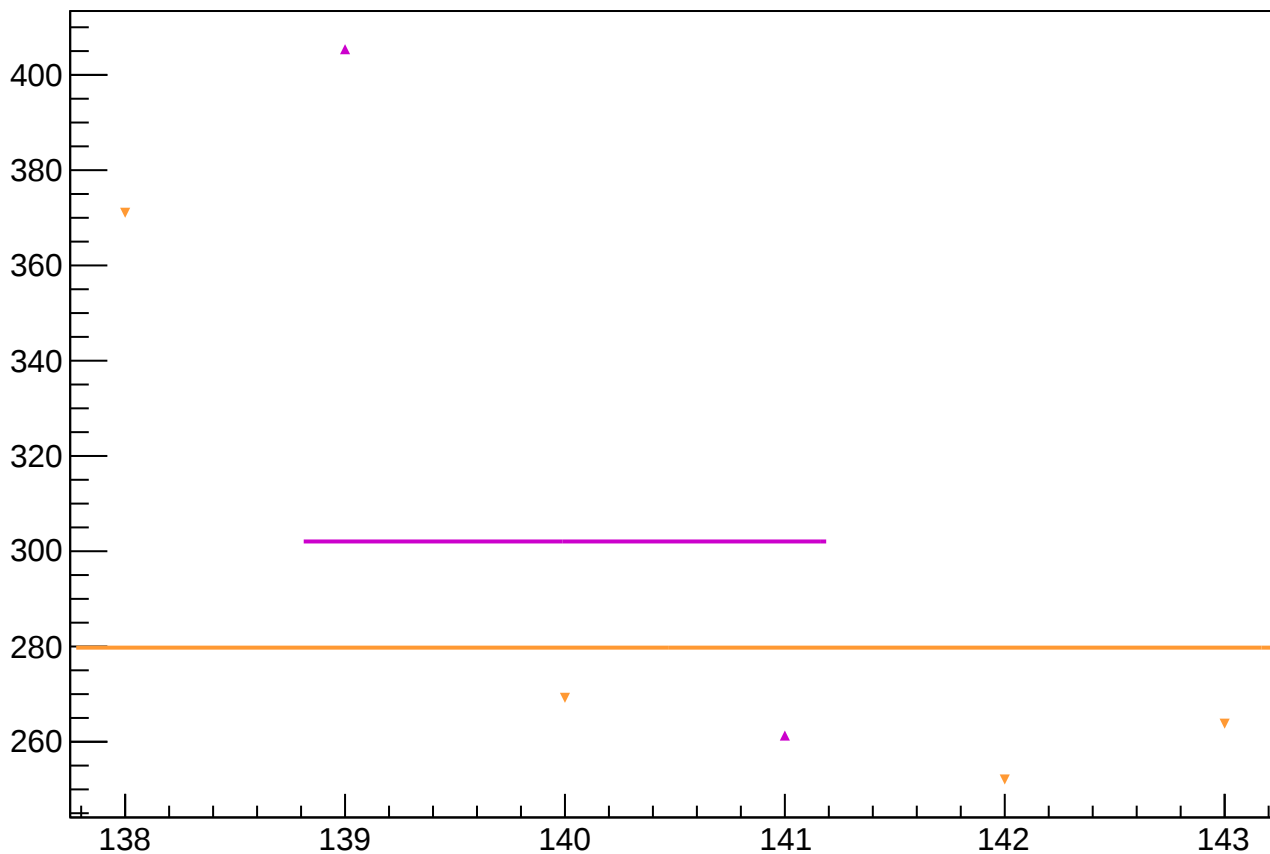
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.408+/-241.824 χ^2/NDF : 1.9/1

Out: -278.773+/-171.774 χ^2/NDF : 9.4/3

All: -120.089+/-140.040 χ^2/NDF : 13.8/5

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 279.762+/-0.121 χ^2/NDF :105550.5/3

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: 287.236+/-0.099 χ^2/NDF : 260845.9/5

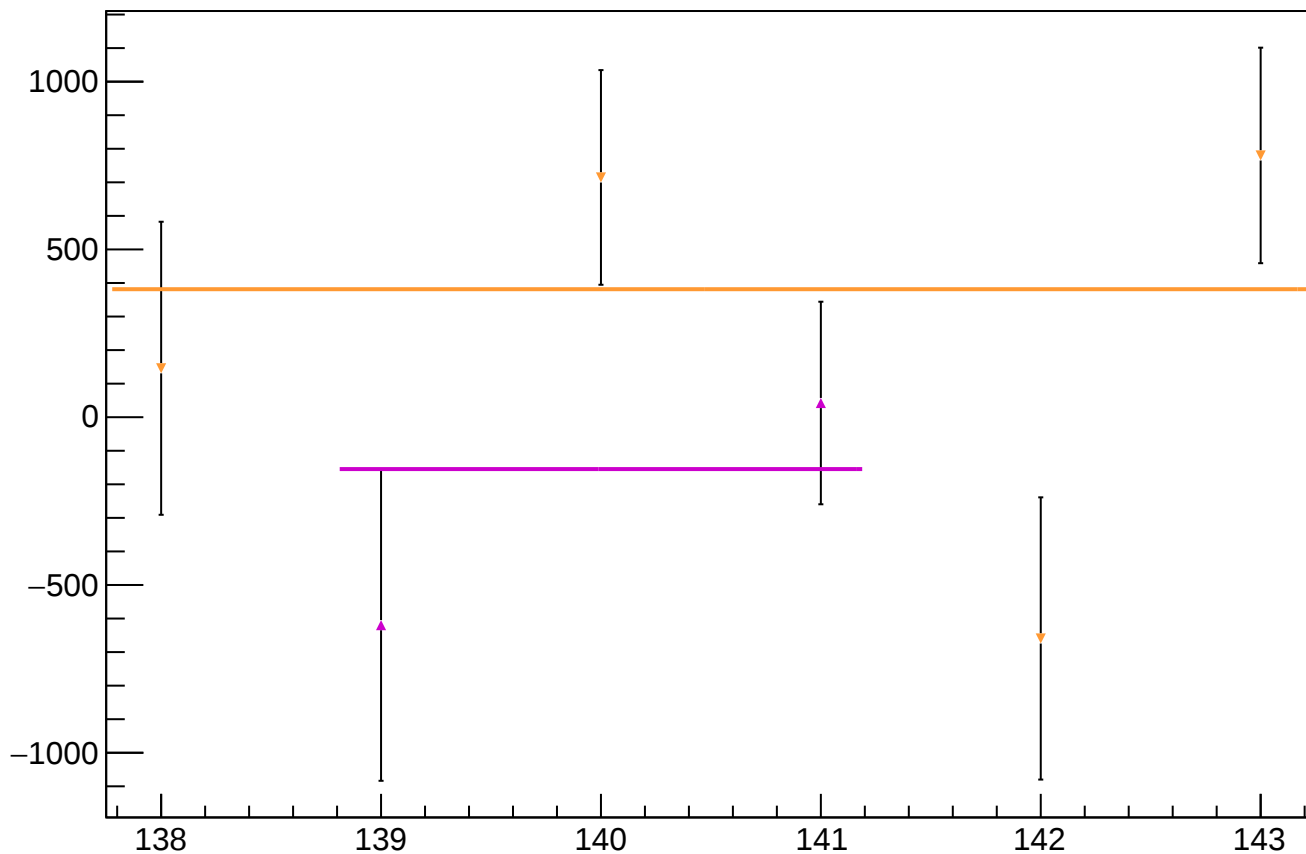
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 302.050+/-0.171 χ^2/NDF :144004.4/1

Out: 279.762+/-0.121 χ^2/NDF :105550.5/3

All: 287.236+/-0.099 χ^2/NDF : 260845.9/5

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 381.470+/-181.466 χ^2/NDF : 9.0/3

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: 199.360+/-147.455 χ^2/NDF : 13.4/5

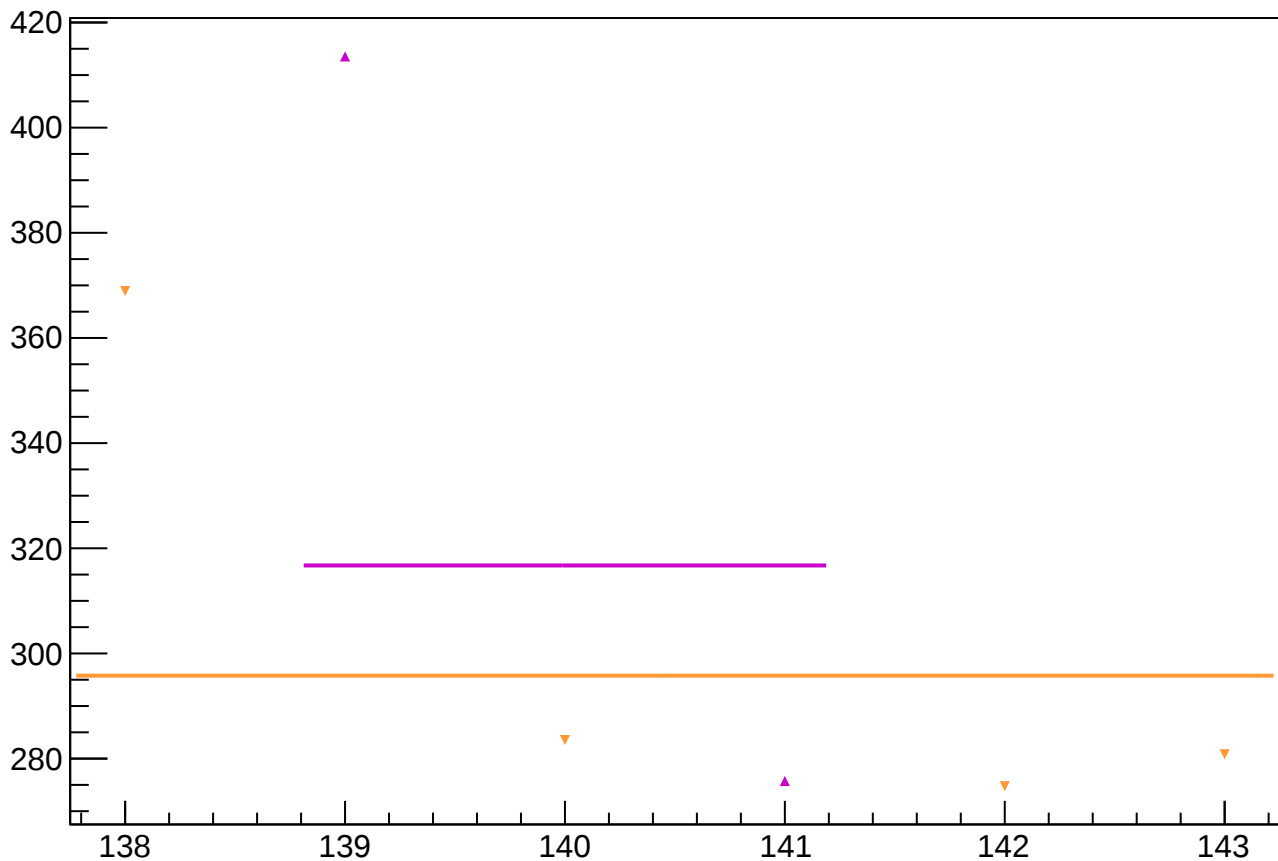
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -154.583+/-252.986 χ^2/NDF : 1.4/1

Out: 381.470+/-181.466 χ^2/NDF : 9.0/3

All: 199.360+/-147.455 χ^2/NDF : 13.4/5

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 295.777+/-0.128 χ^2/NDF :68381.5/3

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: 302.896+/-0.104 χ^2/NDF : 201459.1/5

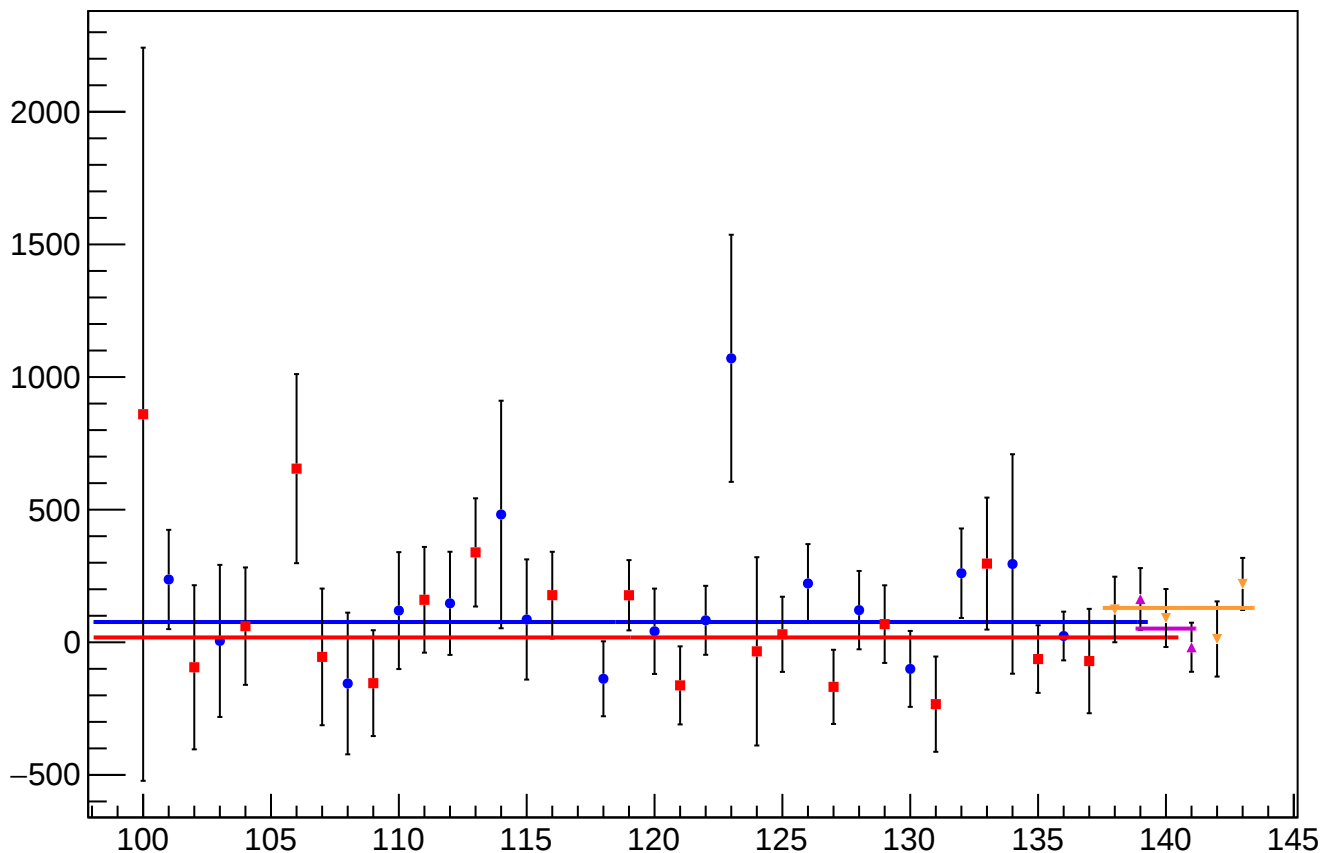
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 316.734+/-0.179 χ^2/NDF :124015.0/1

Out: 295.777+/-0.128 χ^2/NDF :68381.5/3

All: 302.896+/-0.104 χ^2/NDF : 201459.1/5

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: 129.632 $\pm$ 57.460 χ^2 /NDF:1.7/3

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: 99.568 $\pm$ 45.031 χ^2 /NDF: 3.9/5

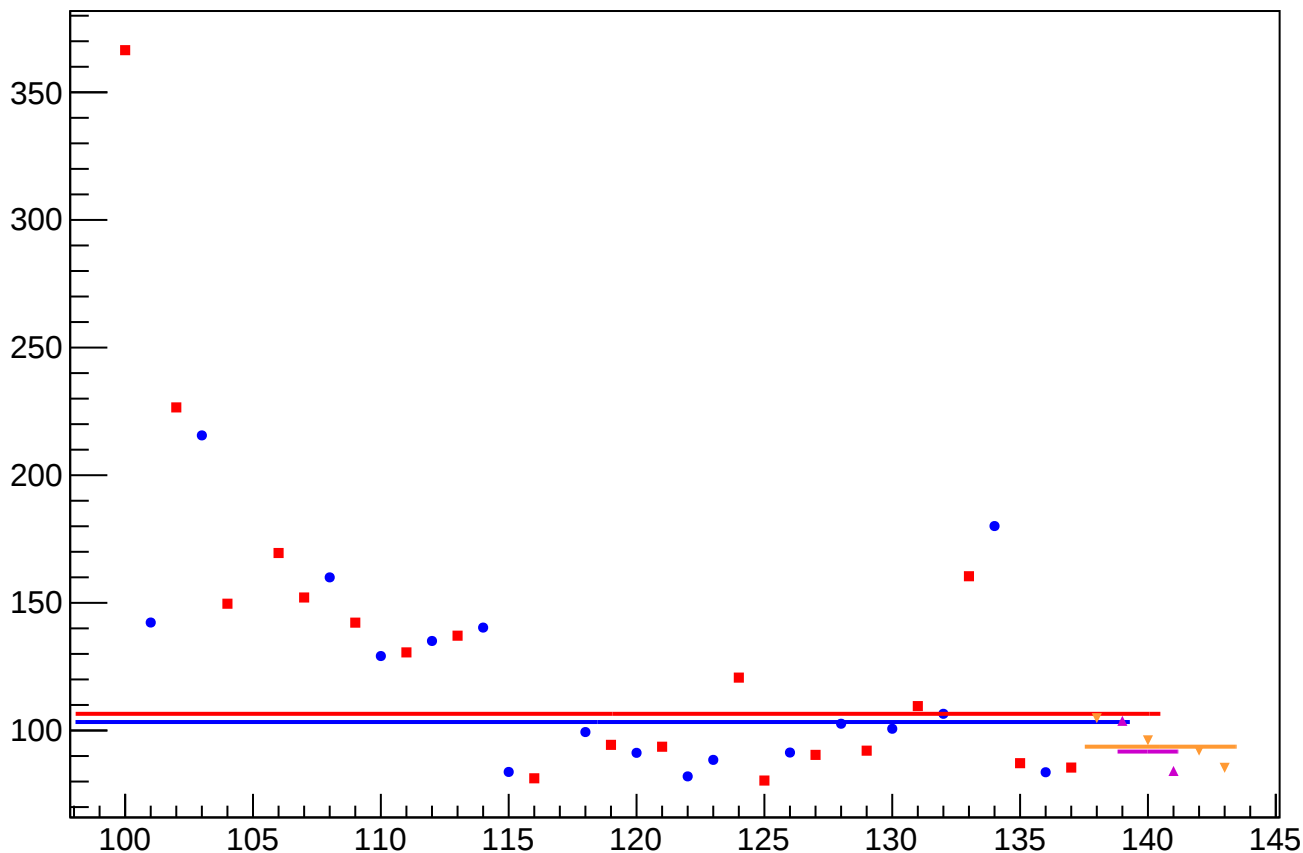
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 70.371 $\pm$ 36.054 χ^2 /NDF:15.5/18

Out: 57.463 $\pm$ 34.053 χ^2 /NDF:21.3/22

All: 63.549 $\pm$ 24.756 χ^2 /NDF: 36.8/41

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: 93.661 $\pm$ 0.041 χ^2 /NDF: 31819.1/3

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: 92.921 $\pm$ 0.032 χ^2 /NDF: 67469.5/5

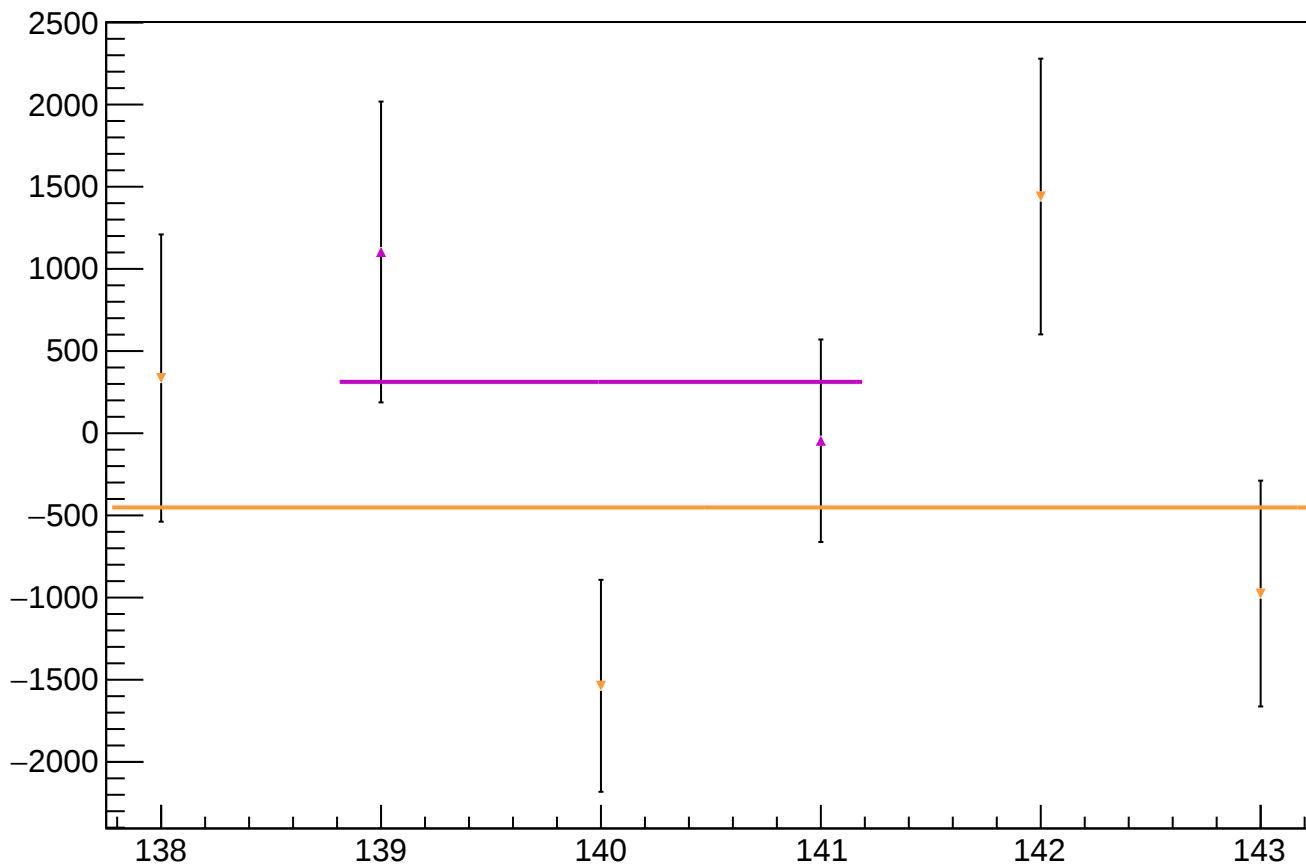
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 100.455 $\pm$ 0.025 χ^2 /NDF: 910959.6/18

Out: 102.012 $\pm$ 0.024 χ^2 /NDF: 1168480.7/22

All: 101.278 $\pm$ 0.018 χ^2 /NDF: 2081410.4/41

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -451.579+/-371.305 χ^2/NDF :9.3/3

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: -187.635+/-300.399 χ^2/NDF : 11.9/5

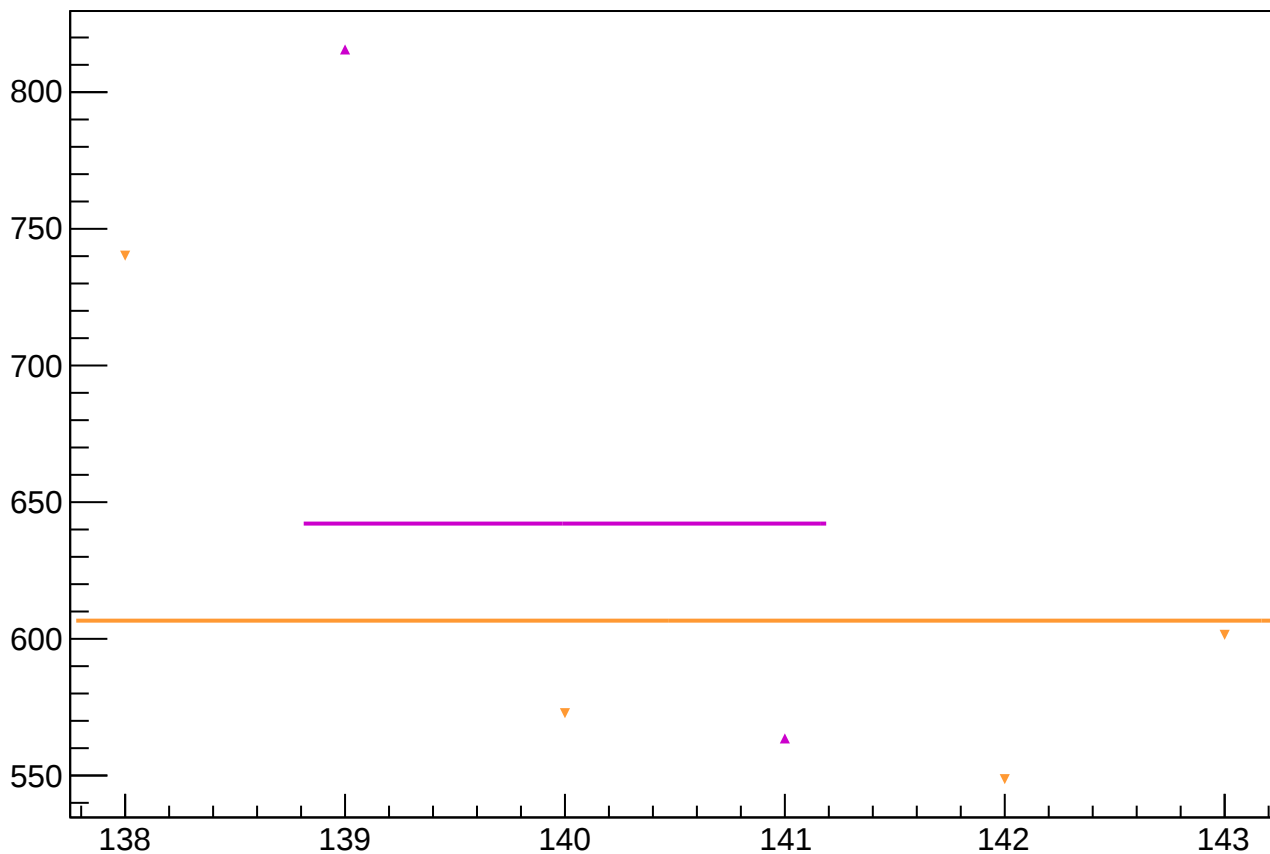
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 312.454+/-511.091 χ^2/NDF :1.1/1

Out: -451.579+/-371.305 χ^2/NDF :9.3/3

All: -187.635+/-300.399 χ^2/NDF : 11.9/5

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 606.657+/-0.263 χ^2/NDF : 61875.3/3

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: 618.923+/-0.212 χ^2/NDF : 172576.1/5

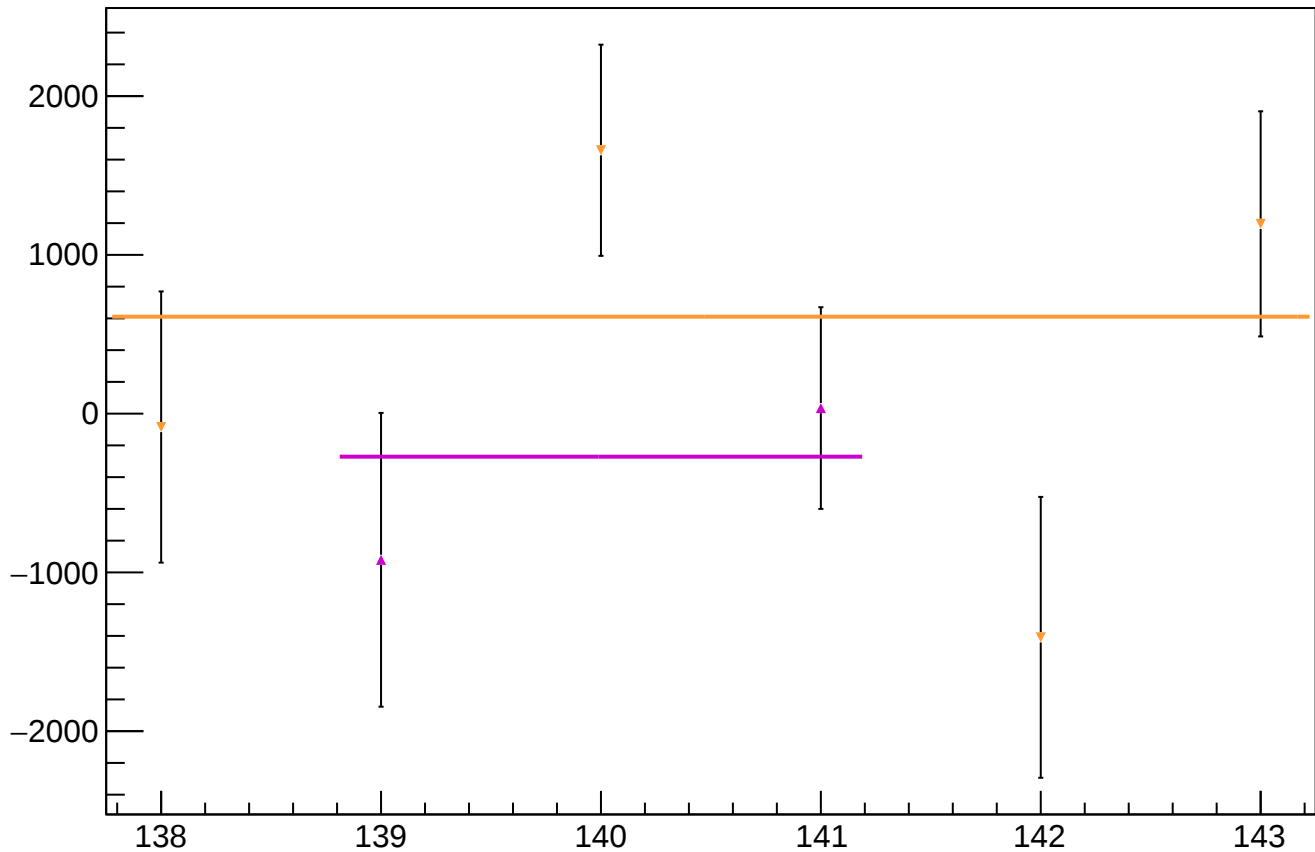
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 642.164+/-0.361 χ^2/NDF : 104382.3/1

Out: 606.657+/-0.263 χ^2/NDF : 61875.3/3

All: 618.923+/-0.212 χ^2/NDF : 172576.1/5

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 610.601+/-380.729 χ^2/NDF :9.0/3

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: 305.748+/-307.945 χ^2/NDF : 11.6/5

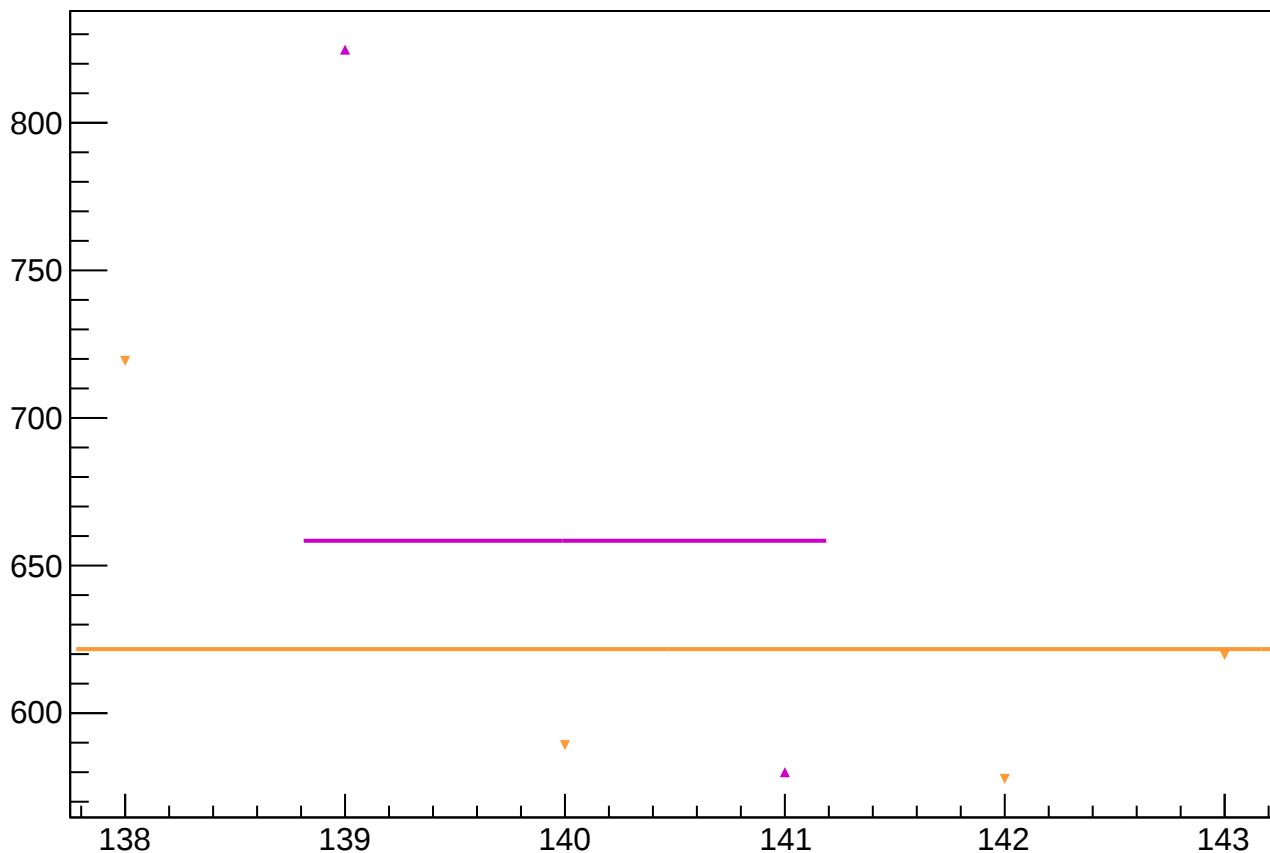
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -271.003+/-523.679 χ^2/NDF :0.7/1

Out: 610.601+/-380.729 χ^2/NDF :9.0/3

All: 305.748+/-307.945 χ^2/NDF : 11.6/5

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 621.700+/-0.269 χ^2/NDF : 35878.7/3

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: 634.393+/-0.218 χ^2/NDF : 137450.7/5

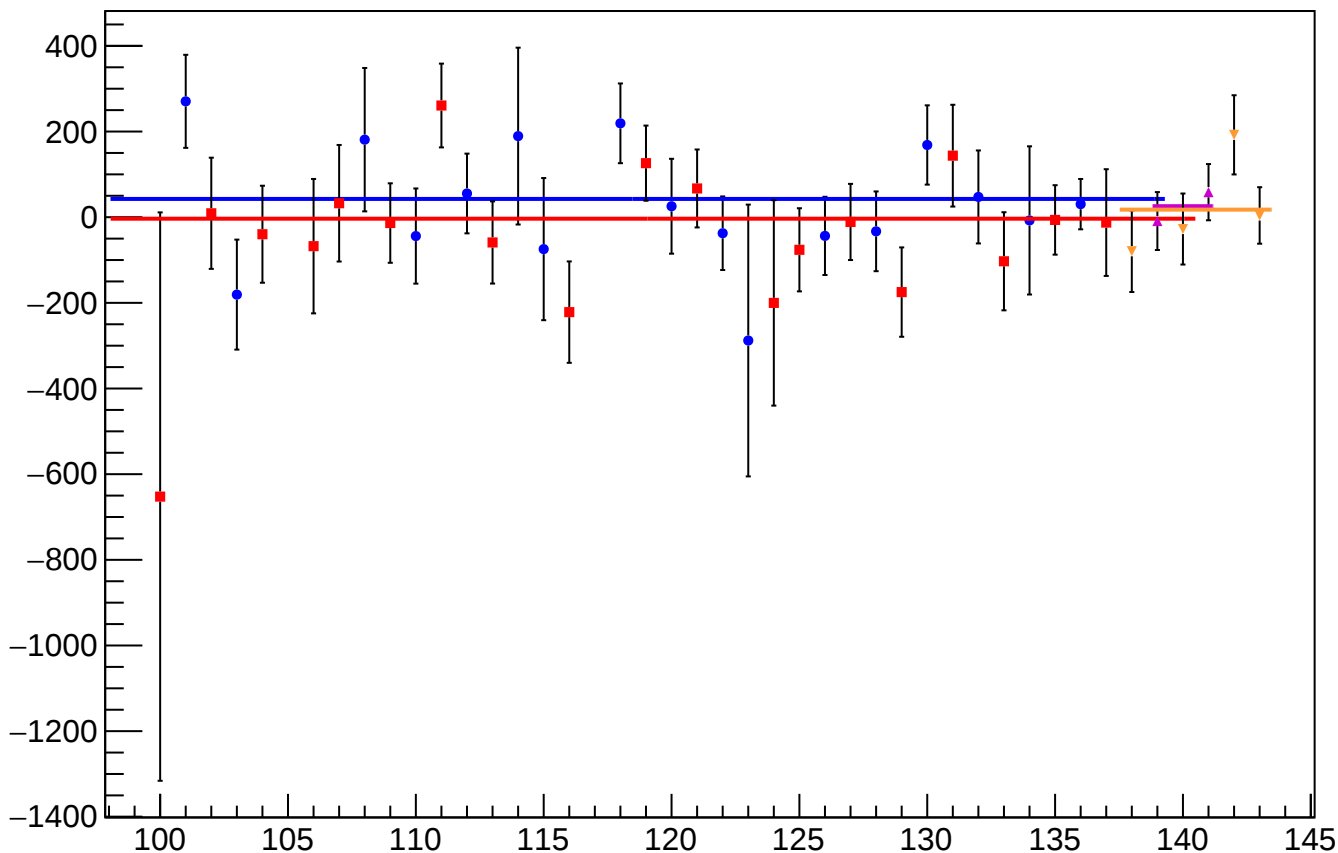
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 658.405+/-0.370 χ^2/NDF : 95144.2/1

Out: 621.700+/-0.269 χ^2/NDF : 35878.7/3

All: 634.393+/-0.218 χ^2/NDF : 137450.7/5

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: 17.680 $\pm$ 40.733 χ^2 /NDF: 4.9/3

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: 25.713 $\pm$ 47.101 χ^2 /NDF: 0.5/1

Left: 21.117 $\pm$ 30.810 χ^2 /NDF: 5.5/5

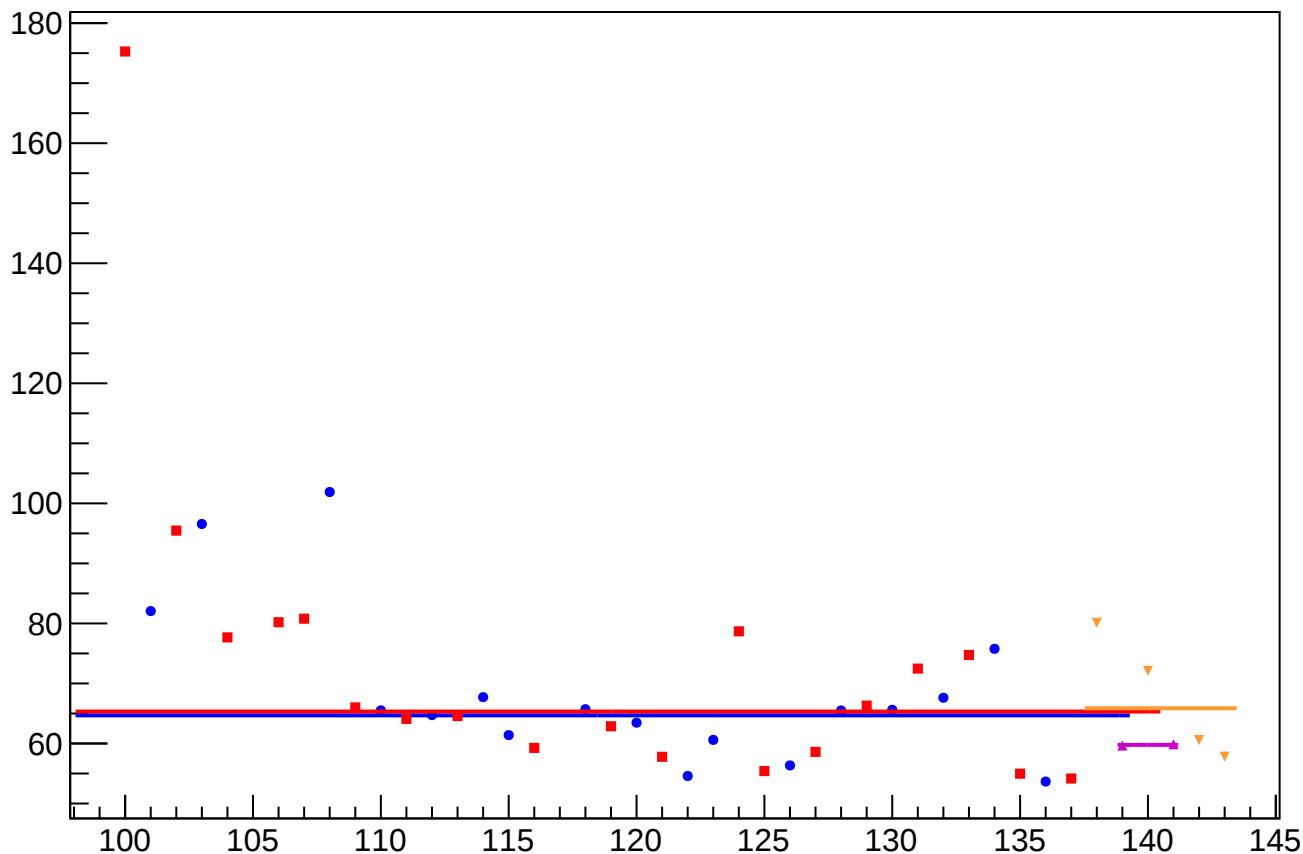
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 38.817 $\pm$ 22.415 χ^2 /NDF: 19.5/18

Out: 2.316 $\pm$ 21.350 χ^2 /NDF: 26.5/22

All: 19.680 $\pm$ 15.460 χ^2 /NDF: 47.4/41

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: 65.871 $\pm$ 0.029 χ^2 /NDF: 92474.2/3

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: 63.260 $\pm$ 0.022 χ^2 /NDF: 111688.6/5

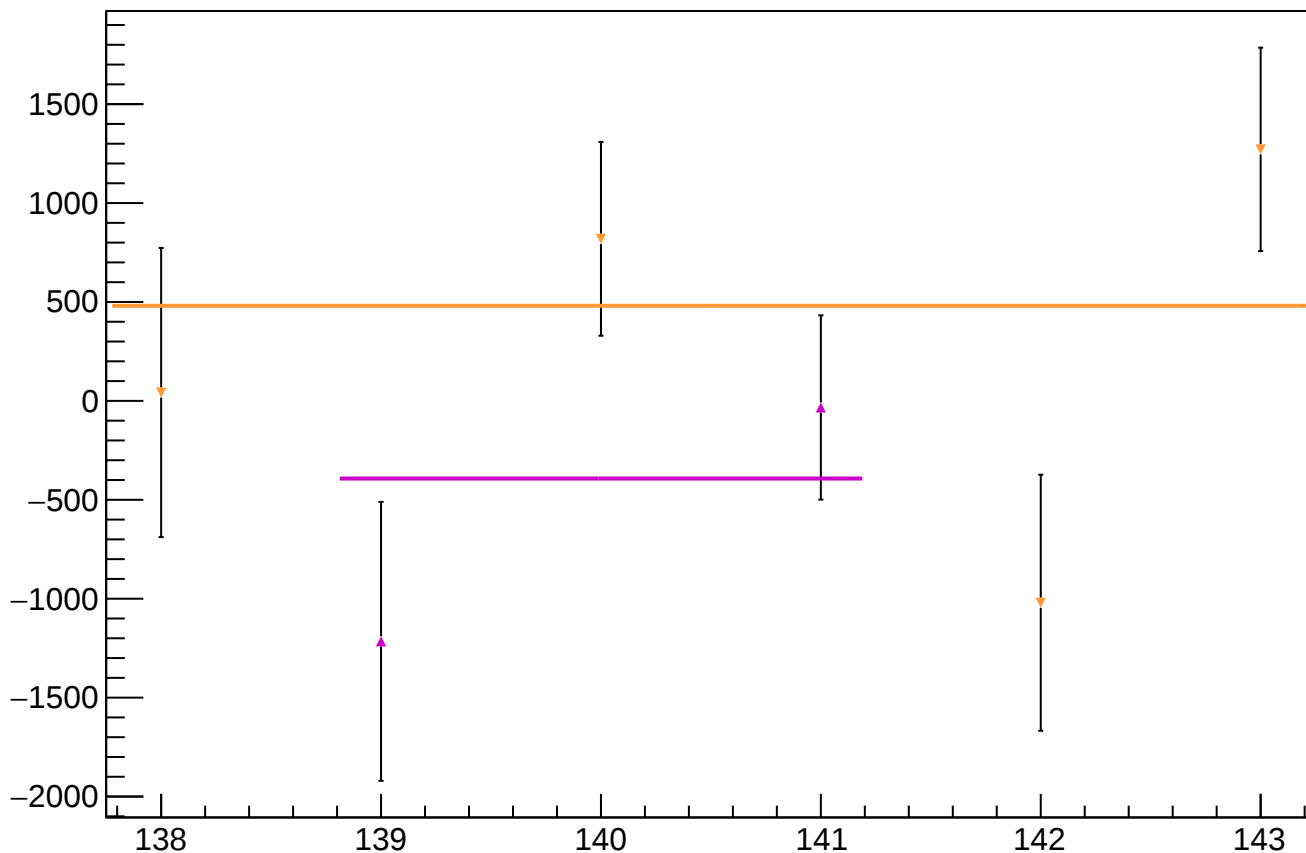
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 63.572 $\pm$ 0.016 χ^2 /NDF: 417052.1/18

Out: 65.475 $\pm$ 0.015 χ^2 /NDF: 452306.3/22

All: 64.570 $\pm$ 0.011 χ^2 /NDF: 876913.4/41

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 480.599+/-286.141 χ^2/NDF :8.6/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -392.534+/-388.574 χ^2/NDF :2.0/1

Left: 173.602+/-230.409 χ^2/NDF : 13.8/5

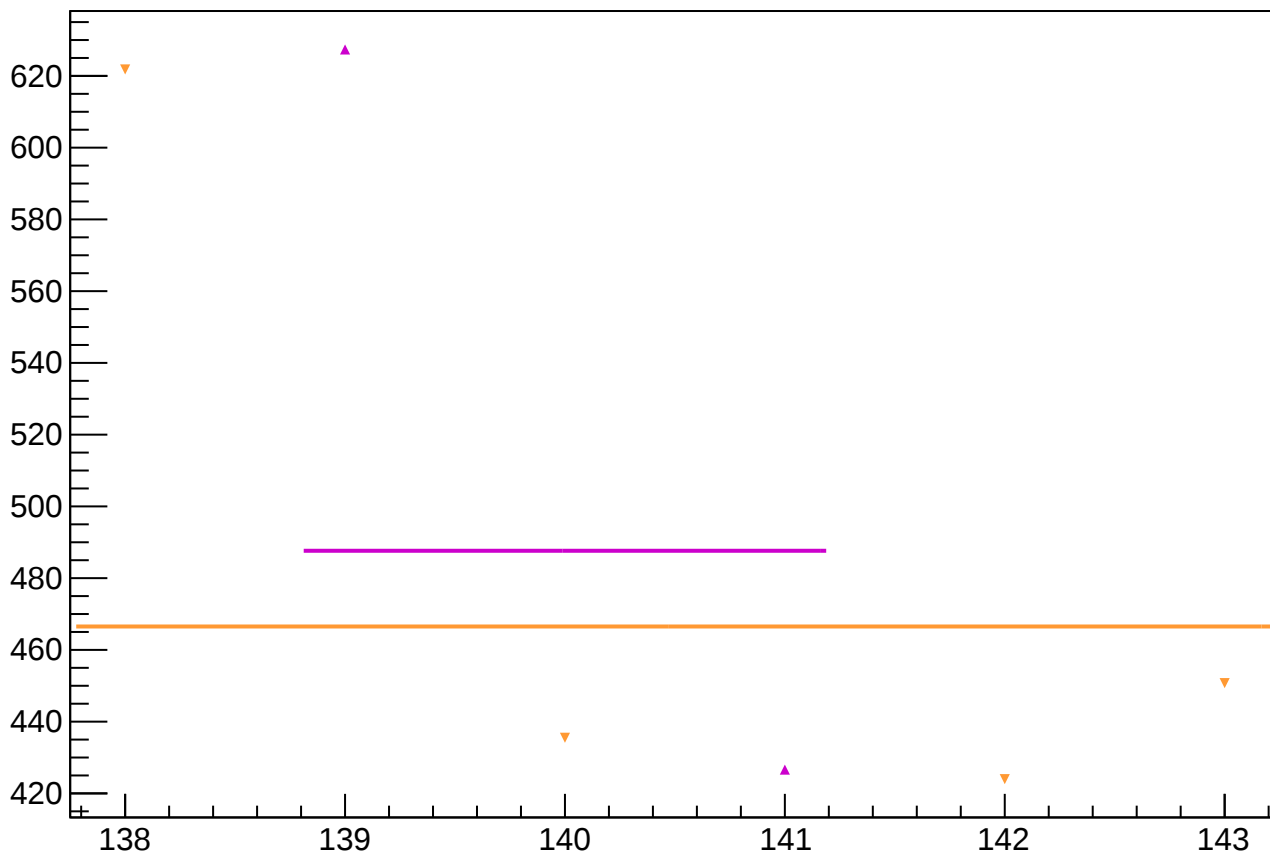
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -392.534+/-388.574 χ^2/NDF :2.0/1

Out: 480.599+/-286.141 χ^2/NDF :8.6/3

All: 173.602+/-230.409 χ^2/NDF : 13.8/5

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: 466.524+/-0.202 χ^2/NDF :108829.7/3

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: 473.946+/-0.163 χ^2/NDF : 225567.5/5

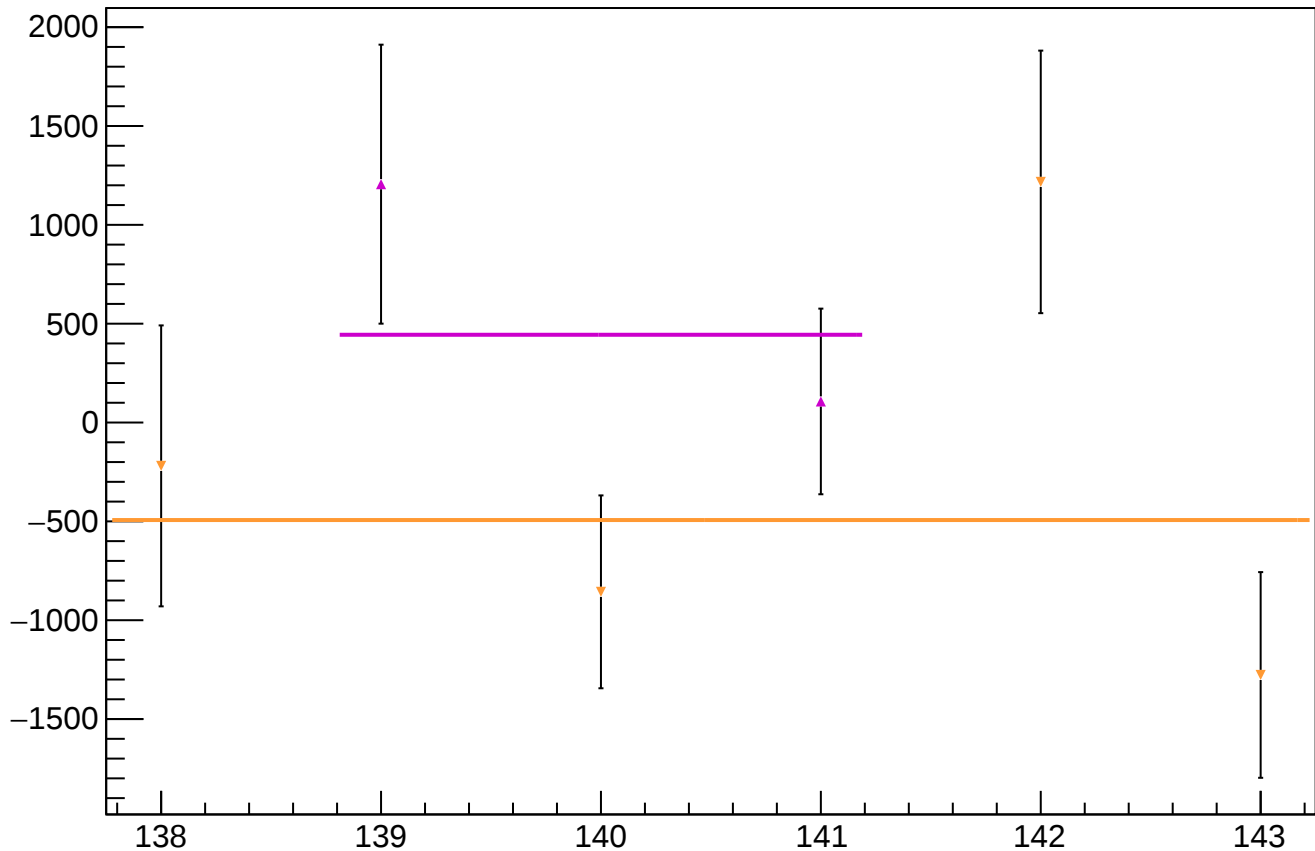
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 487.632+/-0.275 χ^2/NDF :112911.3/1

Out: 466.524+/-0.202 χ^2/NDF :108829.7/3

All: 473.946+/-0.163 χ^2/NDF : 225567.5/5

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: -493.293 $\pm$ 286.941 χ^2 /NDF:9.6/3

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: -165.101 $\pm$ 231.308 χ^2 /NDF: 15.0/5

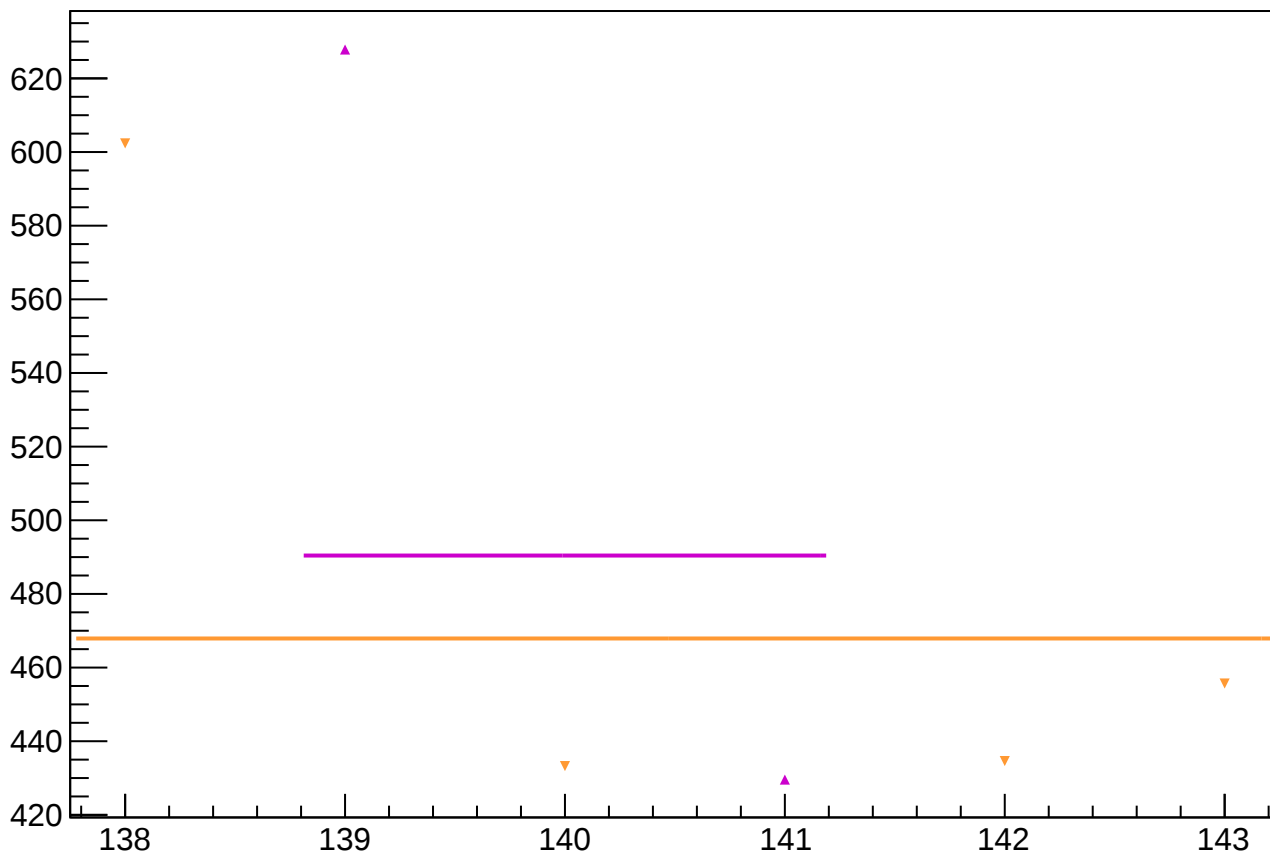
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 443.925 $\pm$ 390.883 χ^2 /NDF:1.7/1

Out: -493.293 $\pm$ 286.941 χ^2 /NDF:9.6/3

All: -165.101 $\pm$ 231.308 χ^2 /NDF: 15.0/5

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 467.898+/-0.203 χ^2/NDF : 87820.8/3

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: 475.785+/-0.164 χ^2/NDF : 201571.0/5

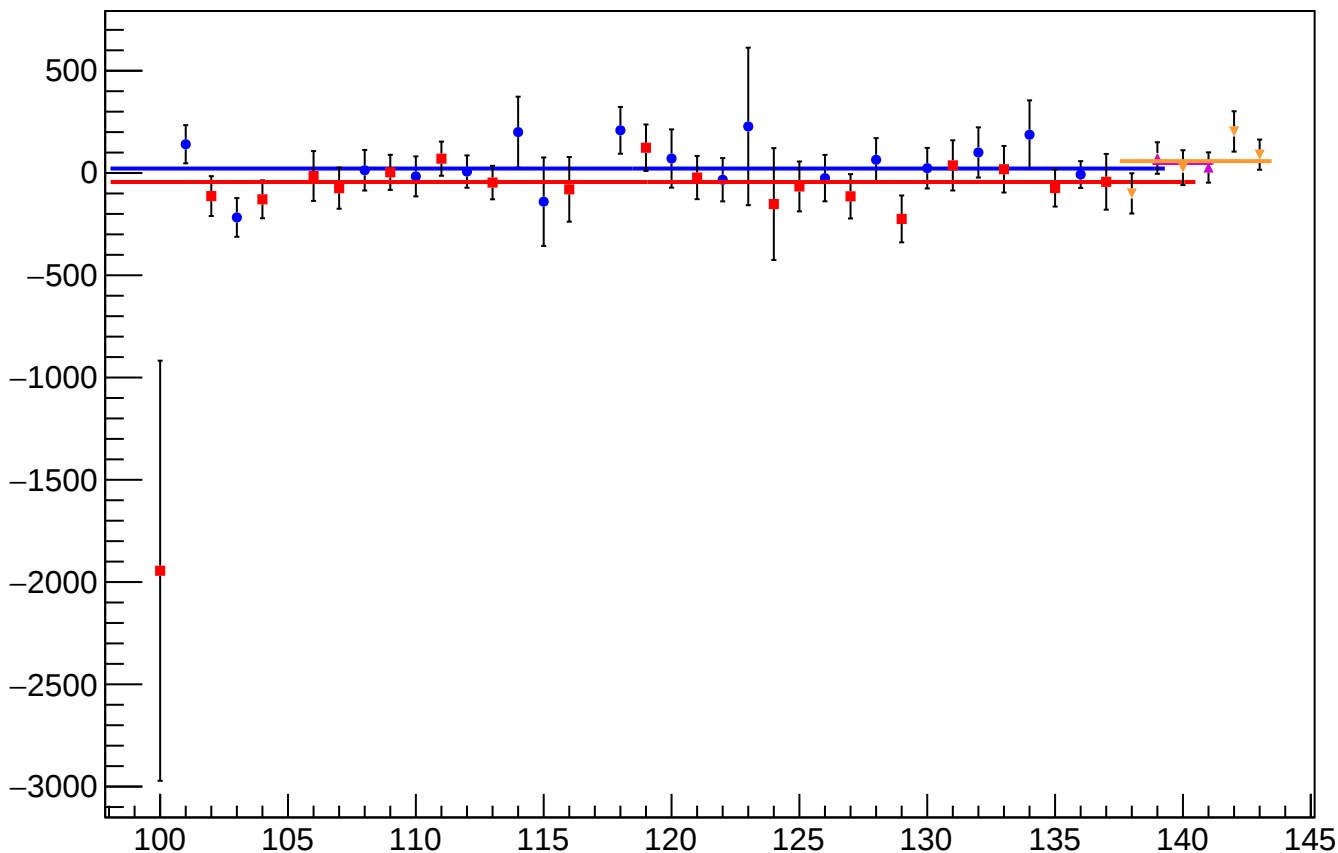
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 490.422+/-0.276 χ^2/NDF : 109434.8/1

Out: 467.898+/-0.203 χ^2/NDF : 87820.8/3

All: 475.785+/-0.164 χ^2/NDF : 201571.0/5

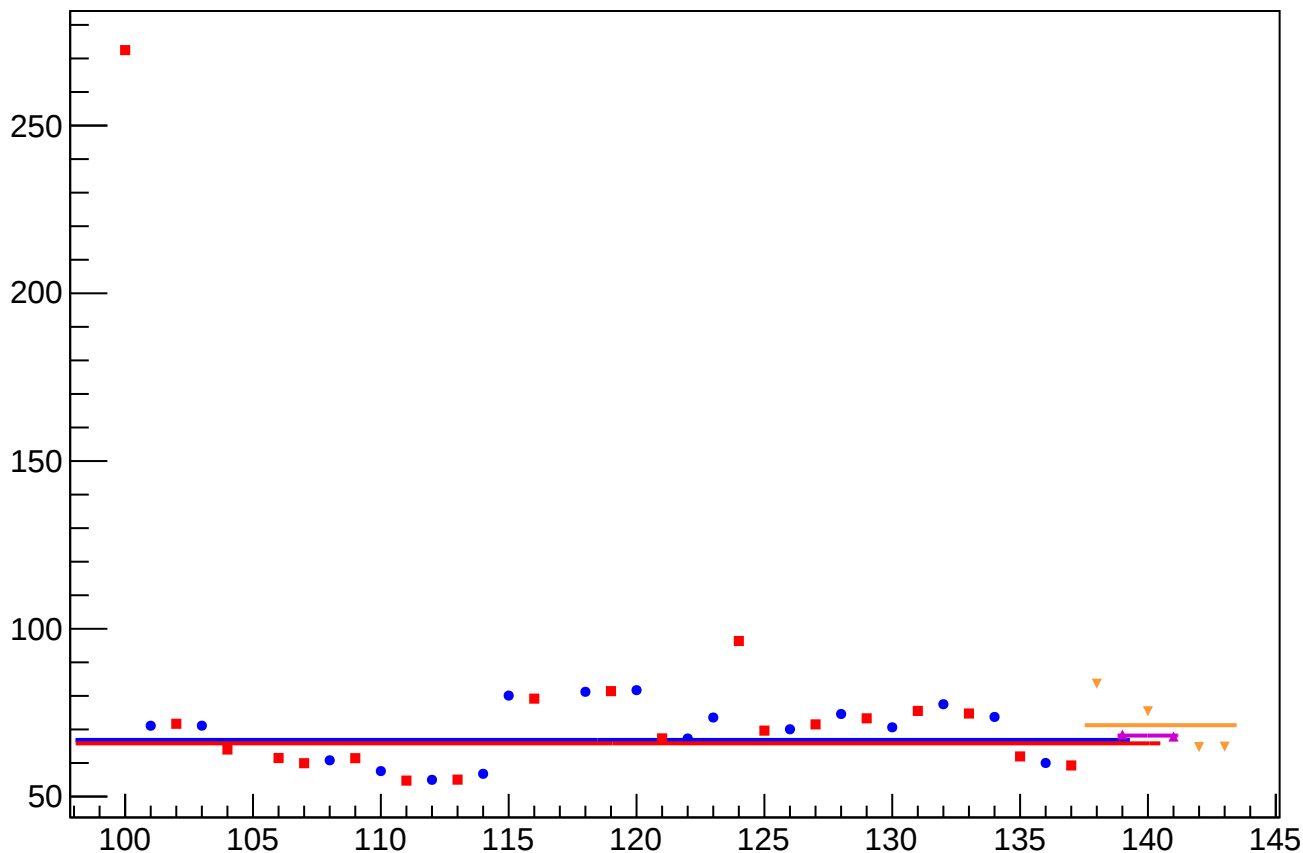
dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2/NDF : 15.1/16
 Left Out: 58.171 $\pm$ 43.540 χ^2/NDF : 5.1/3
 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: 54.586 $\pm$ 33.744 χ^2/NDF : 5.3/5
 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: -18.467 $\pm$ 21.751 χ^2/NDF : 22.5/22
 All: 2.664 $\pm$ 15.936 χ^2/NDF : 40.0/41

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 71.275 $\pm$ 0.031 χ^2 /NDF:60237.4/3

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 68.172 $\pm$ 0.038 χ^2 /NDF:63.6/1

Left: 70.036 $\pm$ 0.024 χ^2 /NDF: 64357.2/5

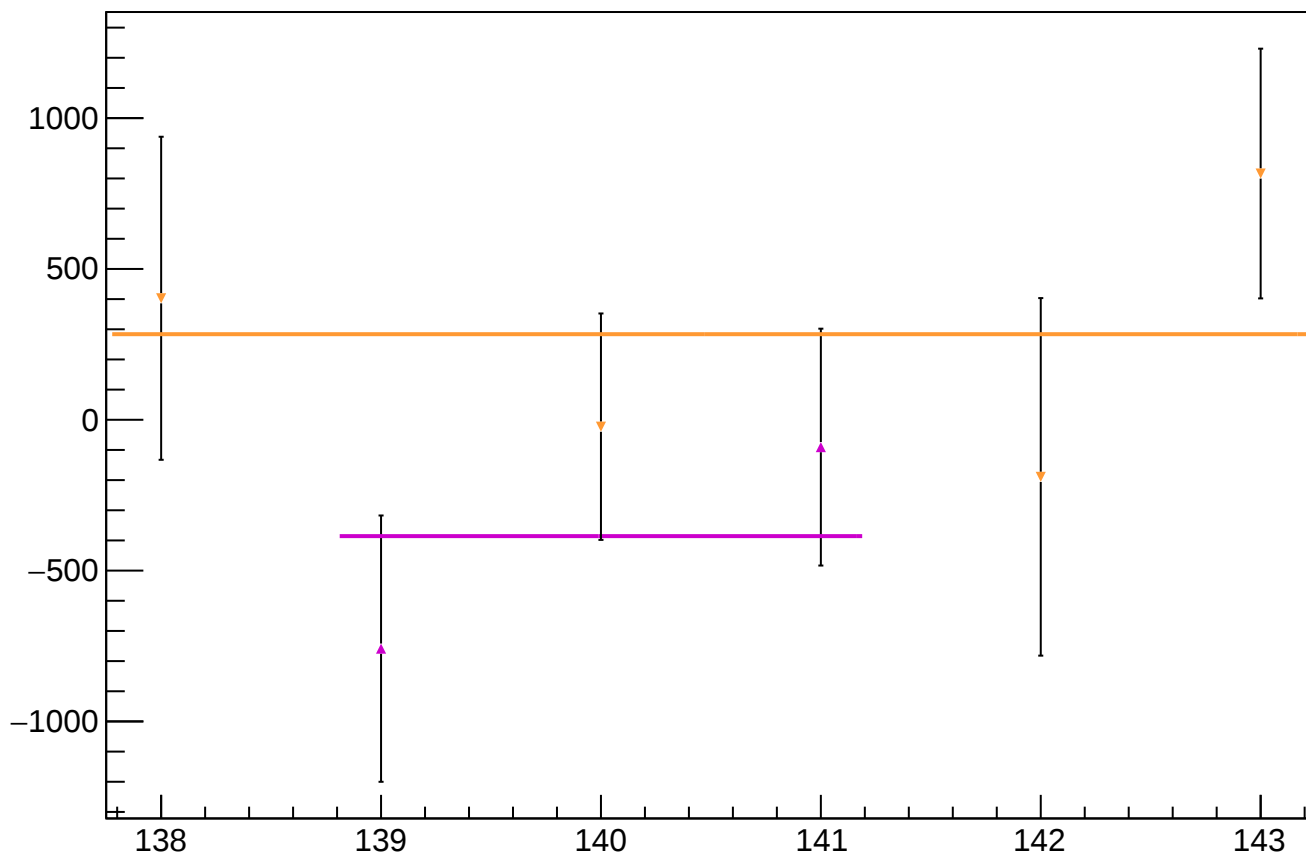
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 67.122 $\pm$ 0.017 χ^2 /NDF:203537.1/18

Out: 67.207 $\pm$ 0.015 χ^2 /NDF:383378.9/22

All: 67.168 $\pm$ 0.011 χ^2 /NDF: 586930.1/41

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 283.740 $\pm$ 227.802 χ^2 /NDF: 3.0/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -385.690 $\pm$ 293.361 χ^2 /NDF: 1.3/1

Left: 31.923 $\pm$ 179.925 χ^2 /NDF: 7.5/5

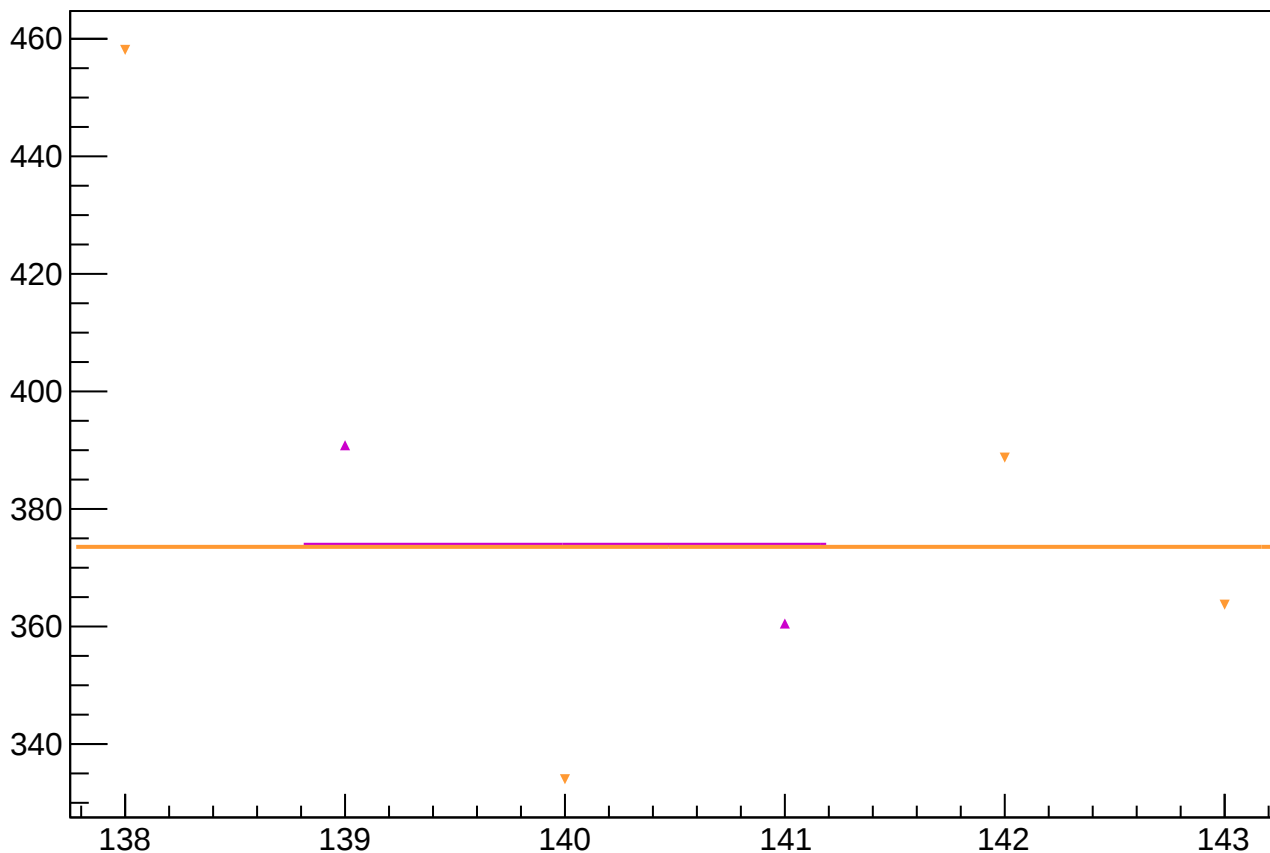
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -385.690 $\pm$ 293.361 χ^2 /NDF: 1.3/1

Out: 283.740 $\pm$ 227.802 χ^2 /NDF: 3.0/3

All: 31.923 $\pm$ 179.925 χ^2 /NDF: 7.5/5

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: 373.553+/-0.161 χ^2/NDF : 74517.7/3

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: 373.686+/-0.127 χ^2/NDF : 79792.0/5

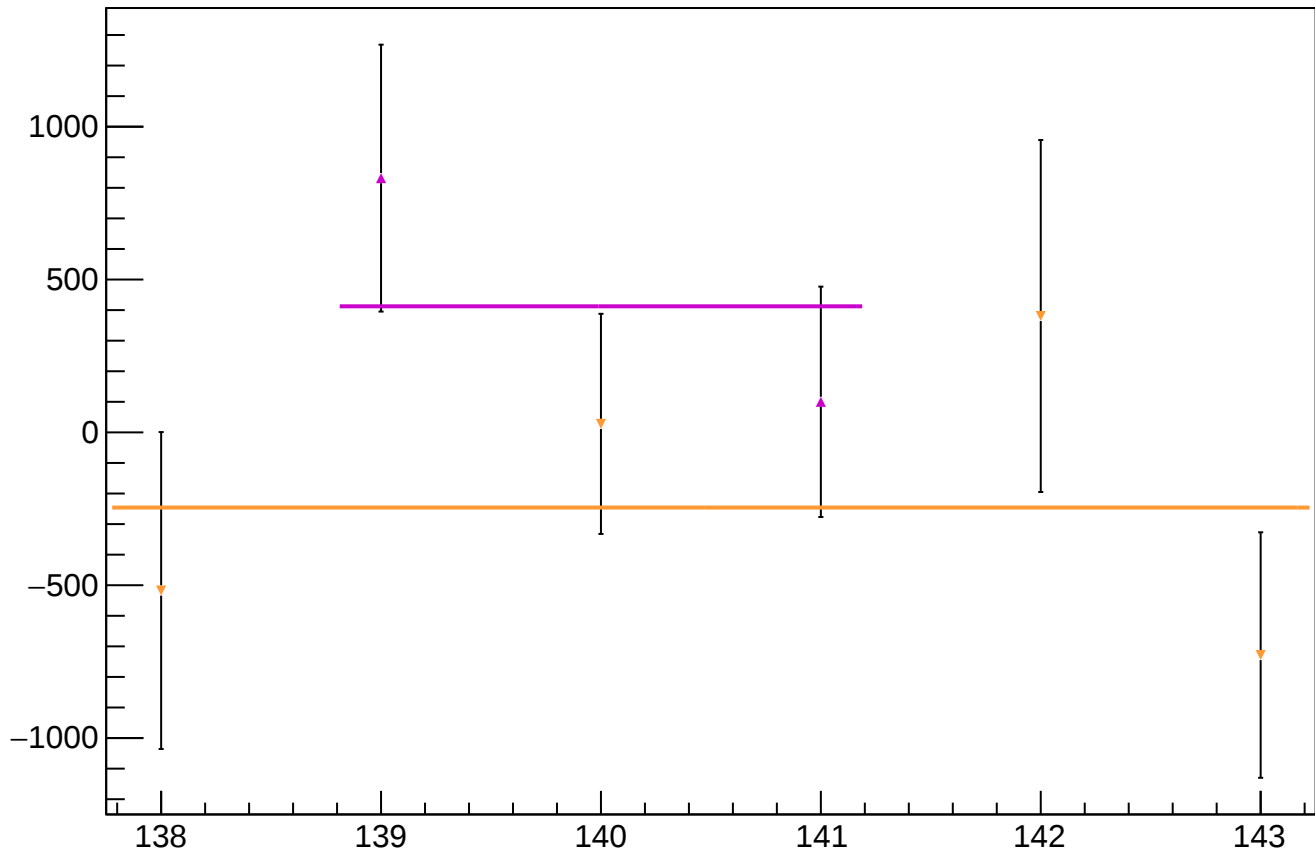
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.906+/-0.207 χ^2/NDF : 5272.5/1

Out: 373.553+/-0.161 χ^2/NDF : 74517.7/3

All: 373.686+/-0.127 χ^2/NDF : 79792.0/5

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -245.928+/-220.044 χ^2/NDF :3.5/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 412.402+/-285.228 χ^2/NDF :1.6/1

Left: -0.302+/-174.224 χ^2/NDF : 8.4/5

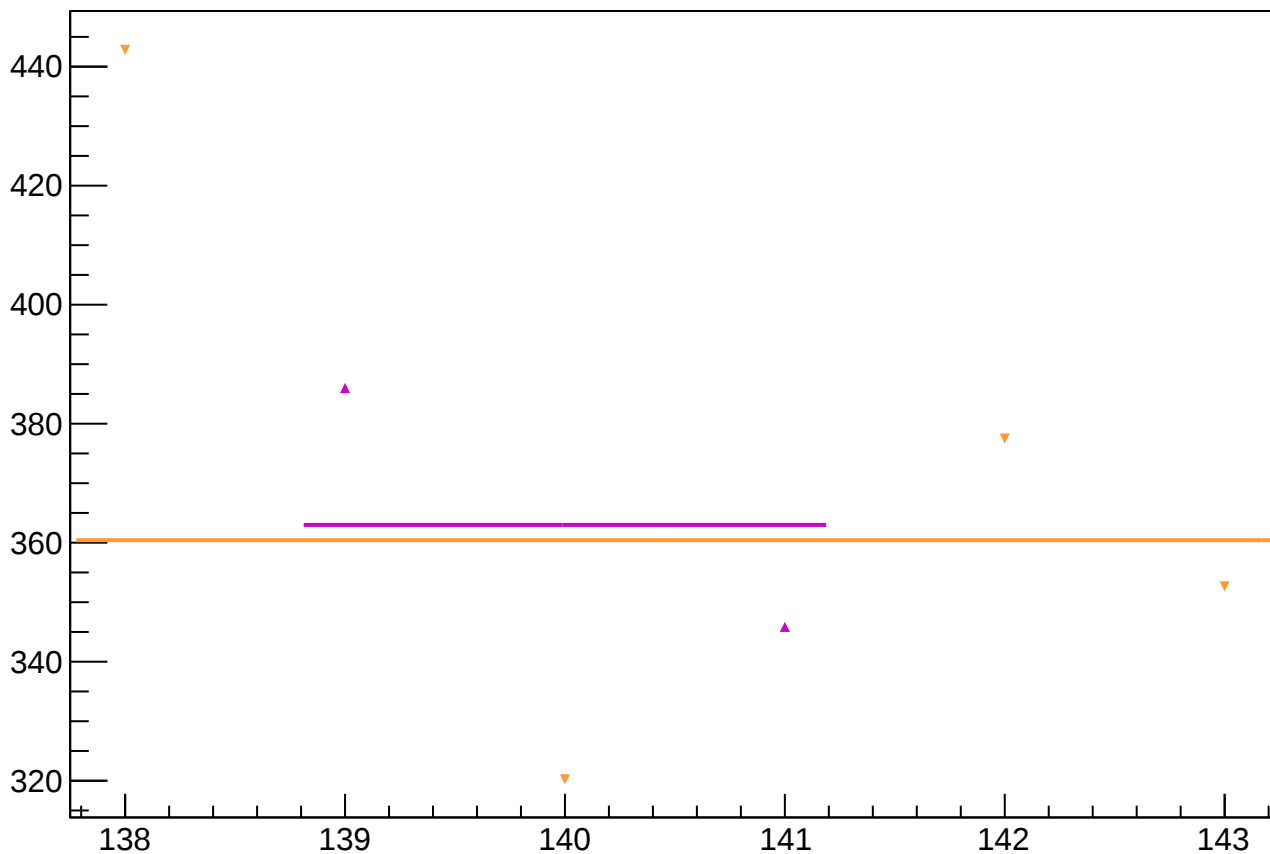
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 412.402+/-285.228 χ^2/NDF :1.6/1

Out: -245.928+/-220.044 χ^2/NDF :3.5/3

All: -0.302+/-174.224 χ^2/NDF : 8.4/5

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 360.425+/-0.156 χ^2/NDF : 77936.3/3

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: 361.381+/-0.123 χ^2/NDF : 87733.7/5

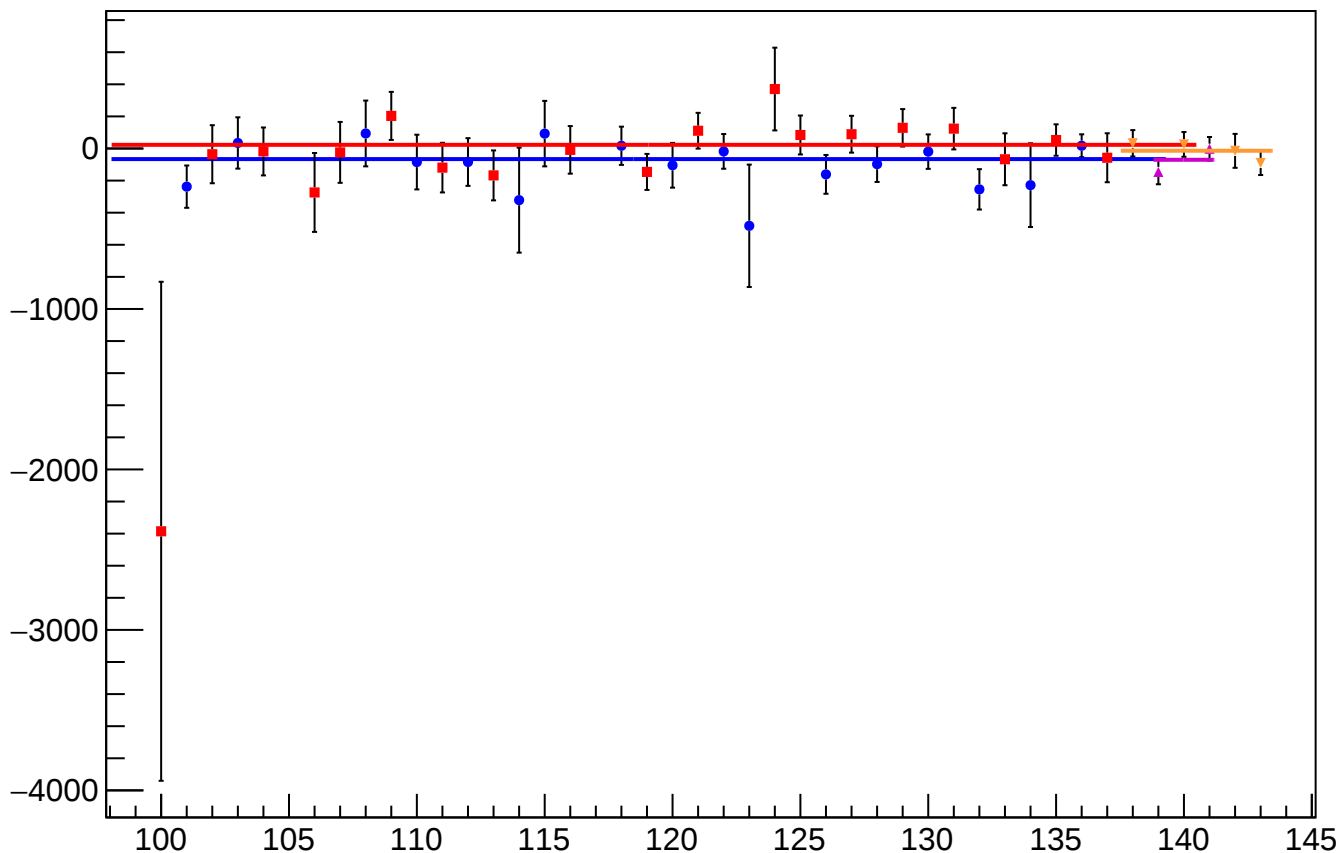
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.989+/-0.202 χ^2/NDF : 9696.1/1

Out: 360.425+/-0.156 χ^2/NDF : 77936.3/3

All: 361.381+/-0.123 χ^2/NDF : 87733.7/5

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: -13.986 ± 41.396 χ^2/NDF : 1.6/3

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: -35.266 ± 32.651 χ^2/NDF : 4.2/5

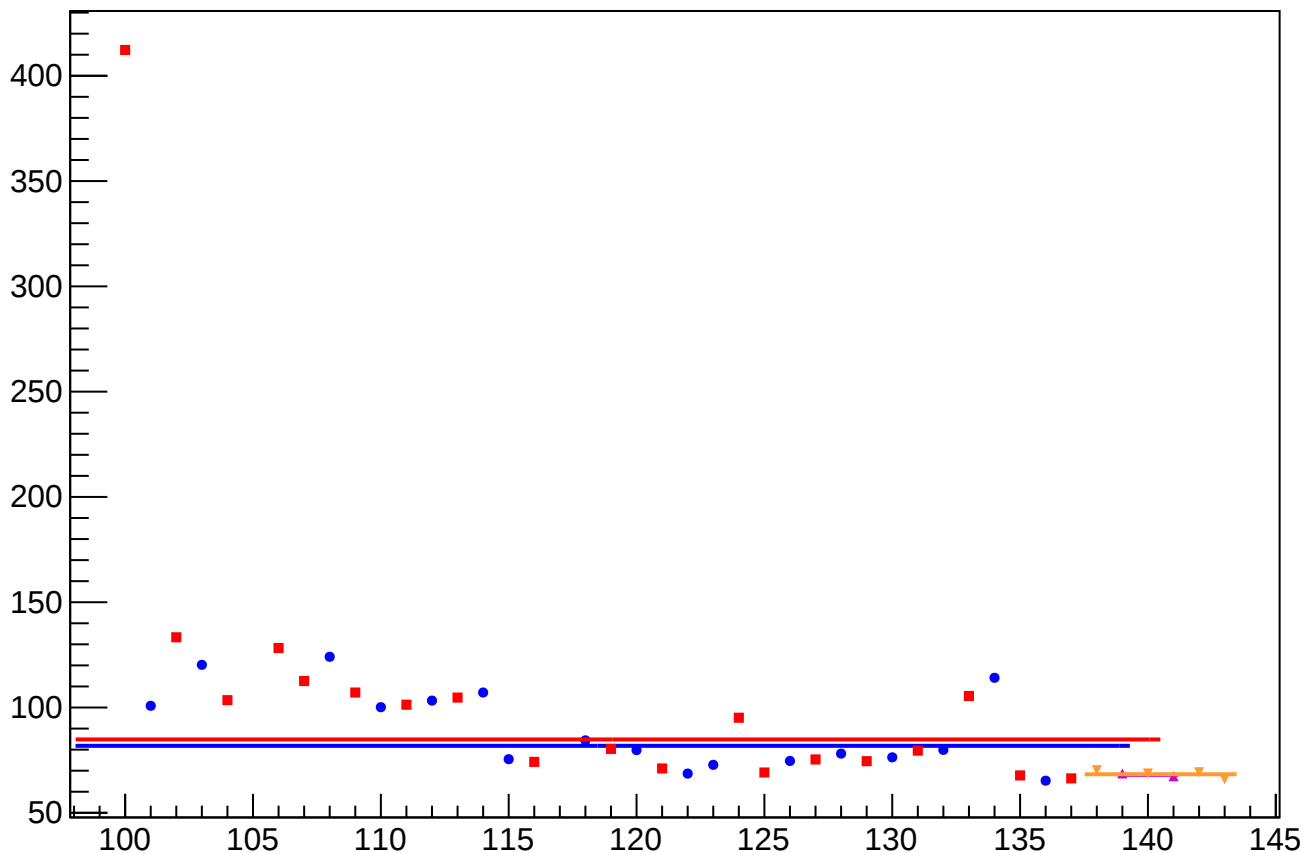
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -67.142 ± 27.591 χ^2/NDF : 12.6/18

Out: 8.688 ± 25.700 χ^2/NDF : 17.4/22

All: -26.539 ± 18.806 χ^2/NDF : 34.1/41

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 68.319+/-0.029 χ^2/NDF : 3327.2/3

Right Out: 84.836+/-0.023 χ^2/NDF : 704648.9/18

Left In: 67.995+/-0.038 χ^2/NDF : 318.9/1

Left: 68.196+/-0.023 χ^2/NDF : 3692.3/5

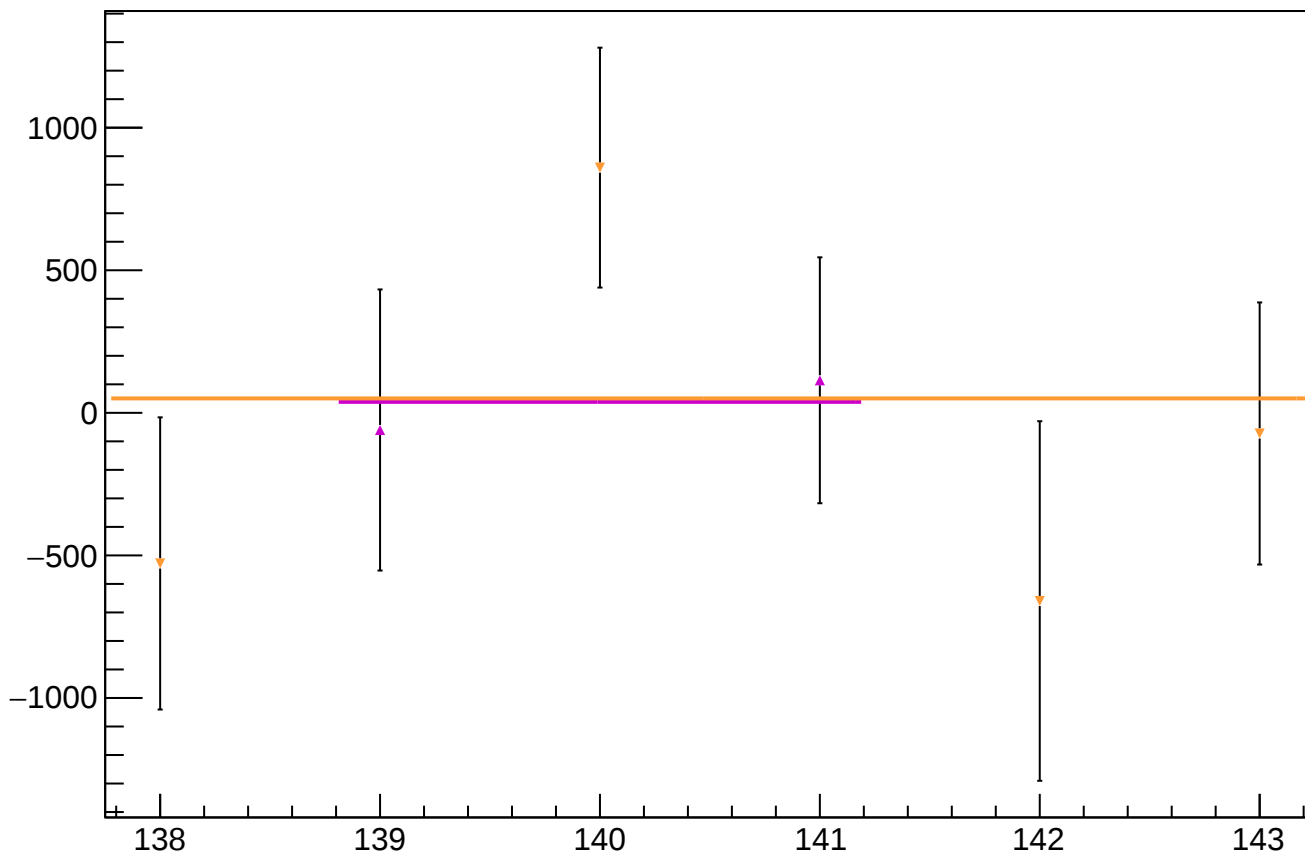
Right: 83.300+/-0.016 χ^2/NDF : 1220504.3/35

In: 78.081+/-0.020 χ^2/NDF : 606286.5/18

Out: 78.470+/-0.018 χ^2/NDF : 903678.3/22

All: 78.289+/-0.013 χ^2/NDF : 1510177.4/41

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 50.609 $\pm$ 244.624 χ^2 /NDF:6.3/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 38.594 $\pm$ 324.551 χ^2 /NDF:0.1/1

Left: 46.257 $\pm$ 195.349 χ^2 /NDF: 6.4/5

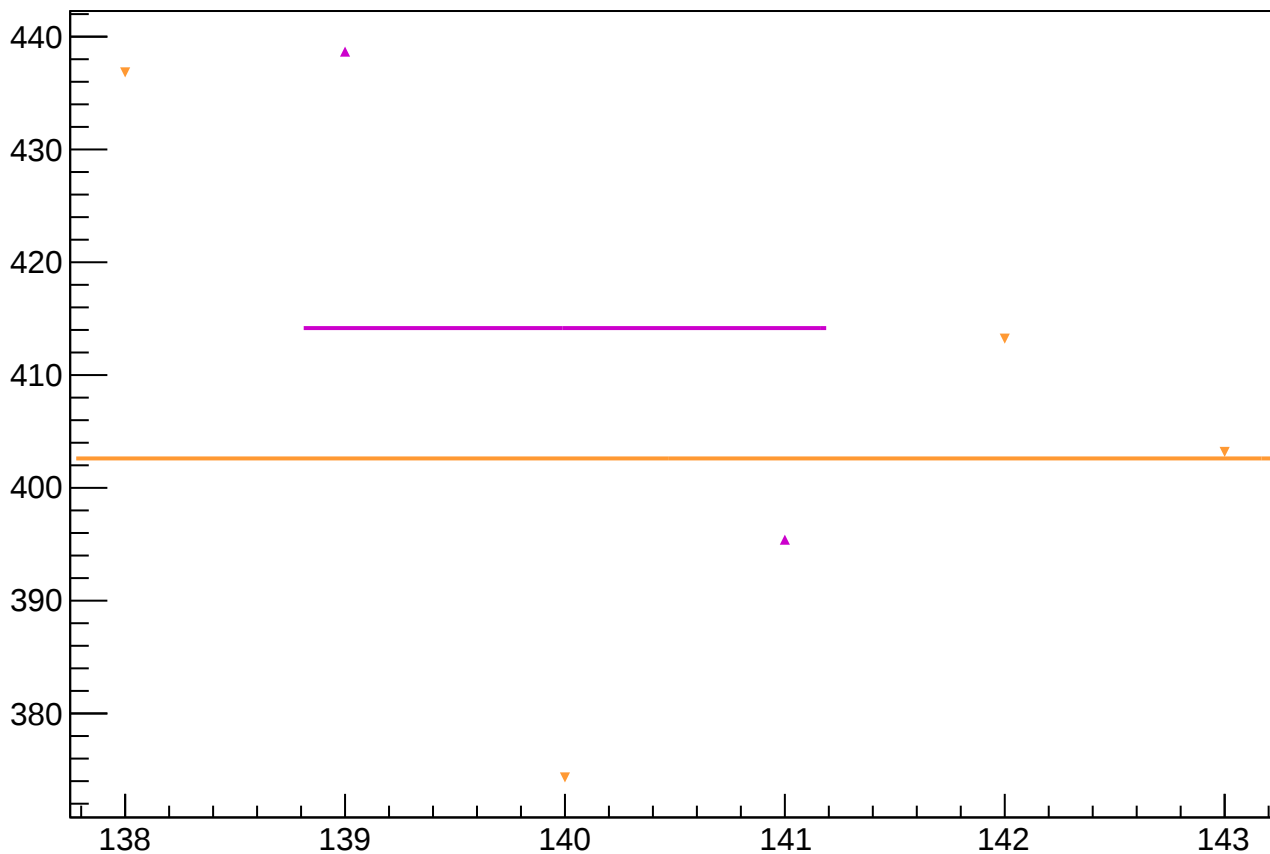
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 38.594 $\pm$ 324.551 χ^2 /NDF:0.1/1

Out: 50.609 $\pm$ 244.624 χ^2 /NDF:6.3/3

All: 46.257 $\pm$ 195.349 χ^2 /NDF: 6.4/5

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 402.609+/-0.173 χ^2/NDF :18535.2/3

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: 406.795+/-0.138 χ^2/NDF : 28882.0/5

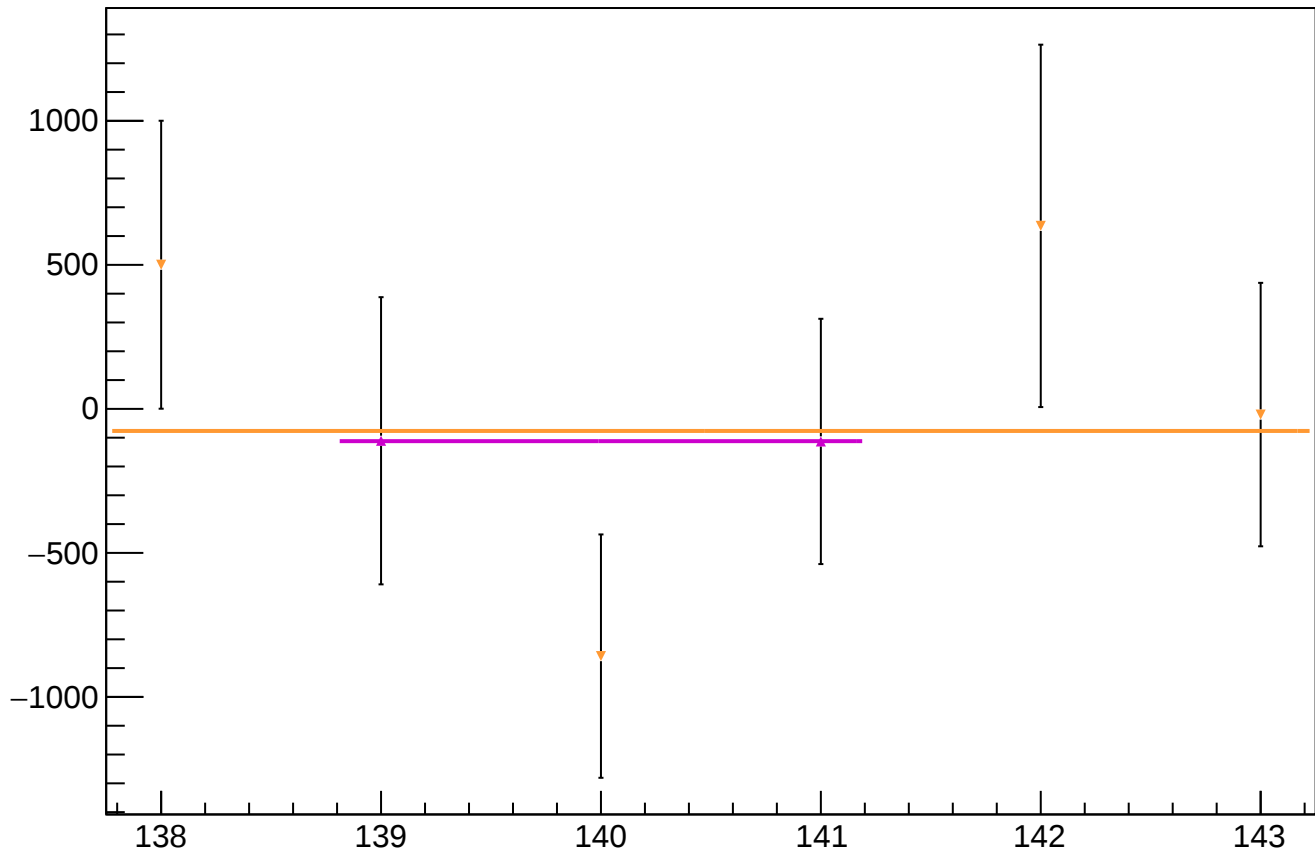
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 414.164+/-0.229 χ^2/NDF :8729.8/1

Out: 402.609+/-0.173 χ^2/NDF :18535.2/3

All: 406.795+/-0.138 χ^2/NDF : 28882.0/5

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -76.611+/-243.155 χ^2/NDF : 6.1/3

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: -89.386+/-194.427 χ^2/NDF : 6.1/5

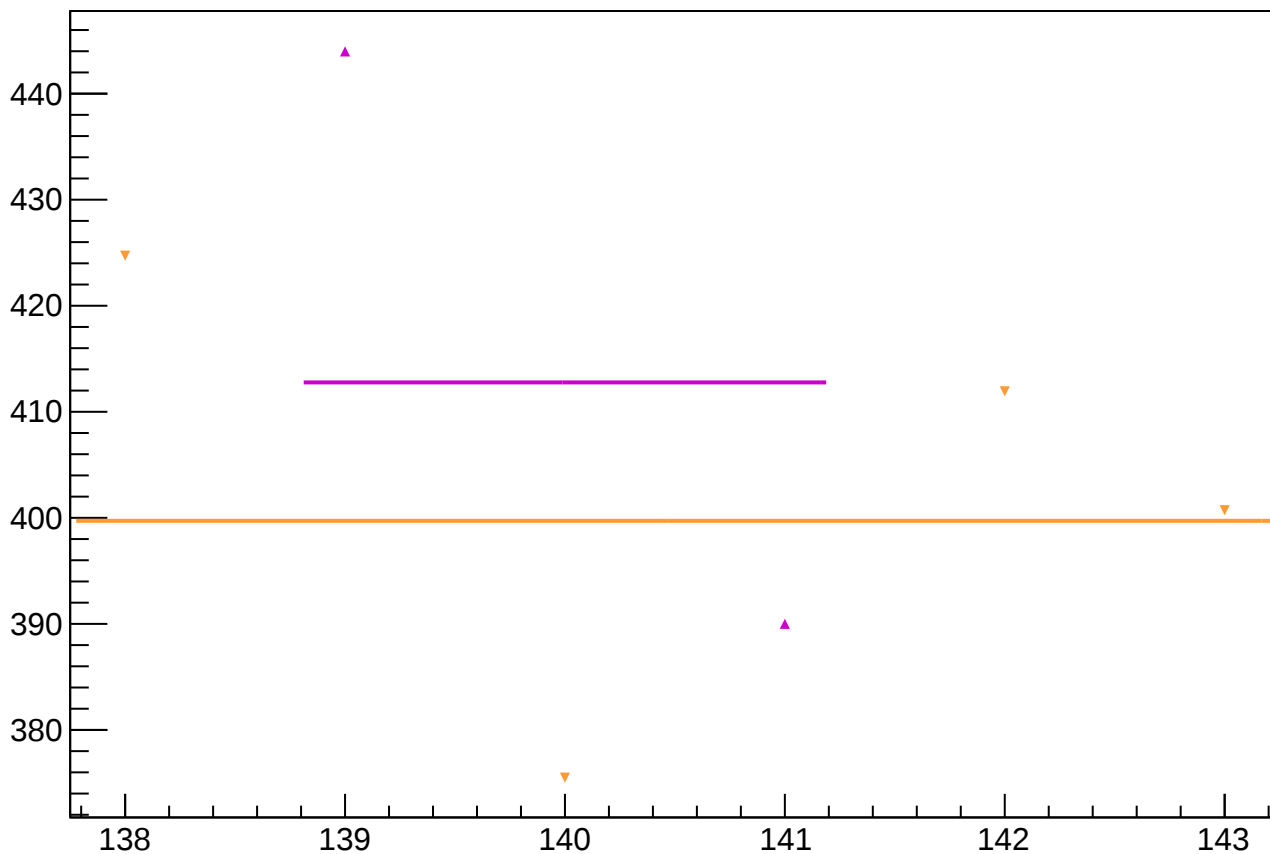
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -112.035+/-323.757 χ^2/NDF : 0.0/1

Out: -76.611+/-243.155 χ^2/NDF : 6.1/3

All: -89.386+/-194.427 χ^2/NDF : 6.1/5

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 399.719+/-0.172 χ^2/NDF :12338.3/3

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: 404.426+/-0.137 χ^2/NDF : 27974.4/5

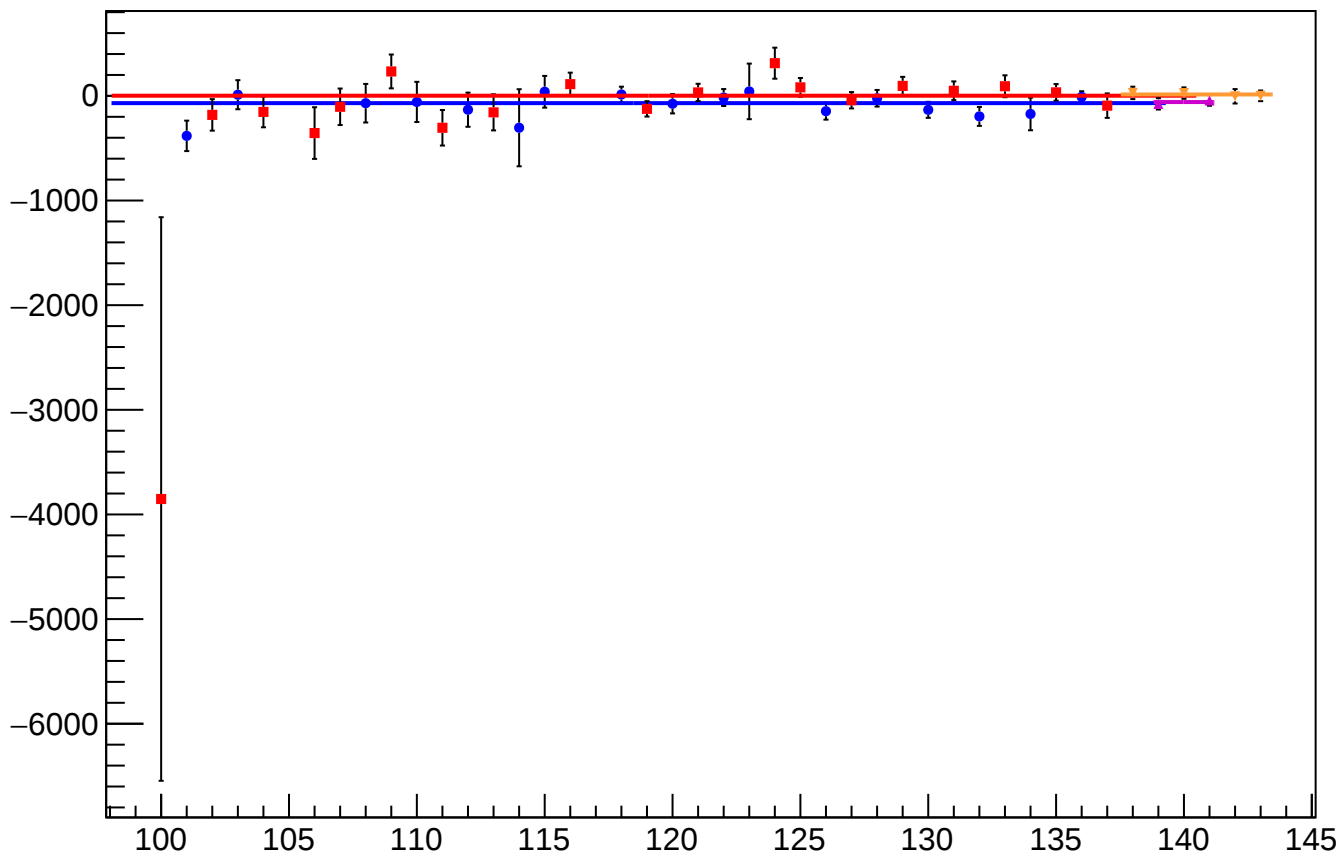
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 412.771+/-0.229 χ^2/NDF :13557.9/1

Out: 399.719+/-0.172 χ^2/NDF :12338.3/3

All: 404.426+/-0.137 χ^2/NDF : 27974.4/5

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: 13.536 ± 28.703 χ^2/NDF : 0.2/3

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: -13.578 ± 22.707 χ^2/NDF : 2.8/5

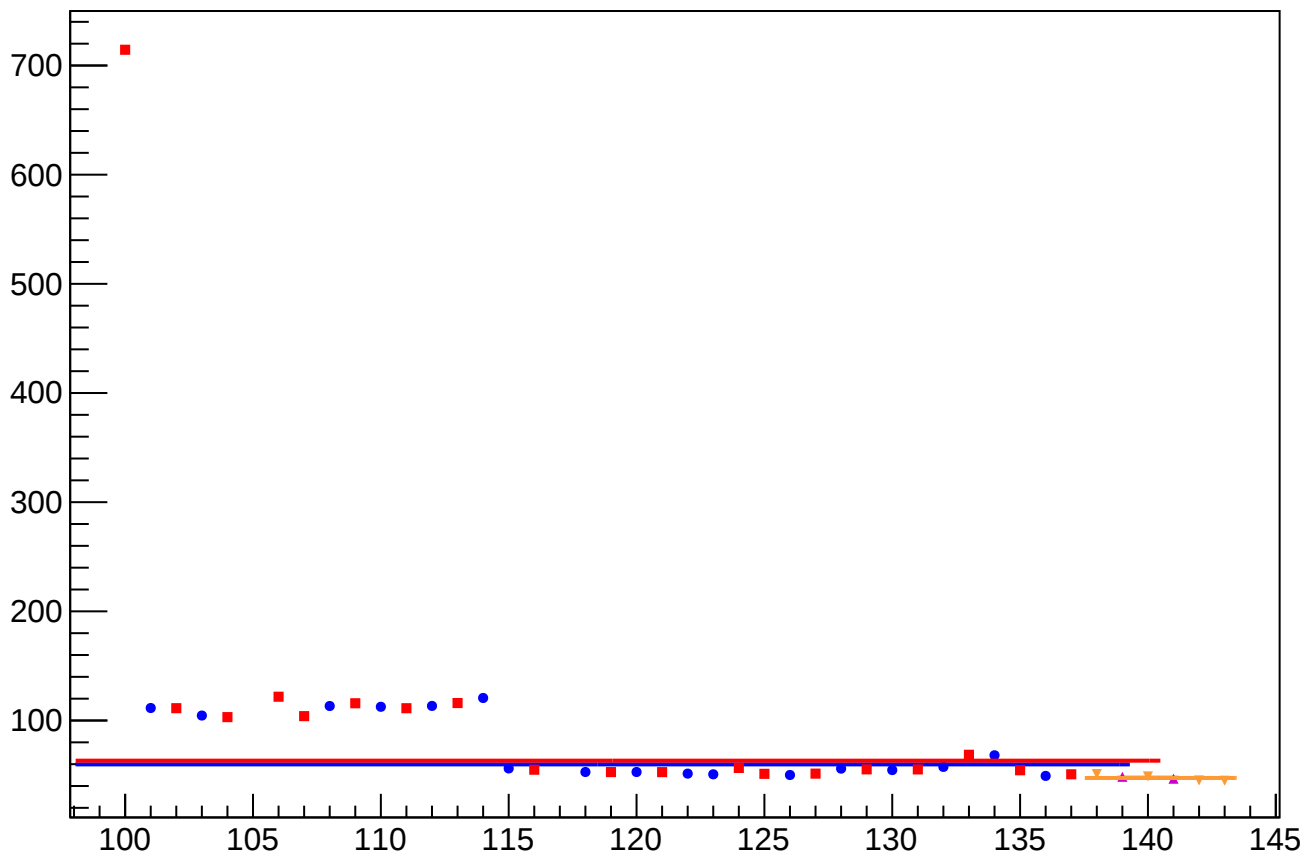
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -66.116 ± 20.308 χ^2/NDF : 13.7/18

Out: 6.874 ± 18.931 χ^2/NDF : 26.2/22

All: -27.064 ± 13.847 χ^2/NDF : 46.8/41

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: 47.370 $\pm$ 0.020 χ^2 /NDF: 15627.7/3

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: 47.430 $\pm$ 0.016 χ^2 /NDF: 16776.0/5

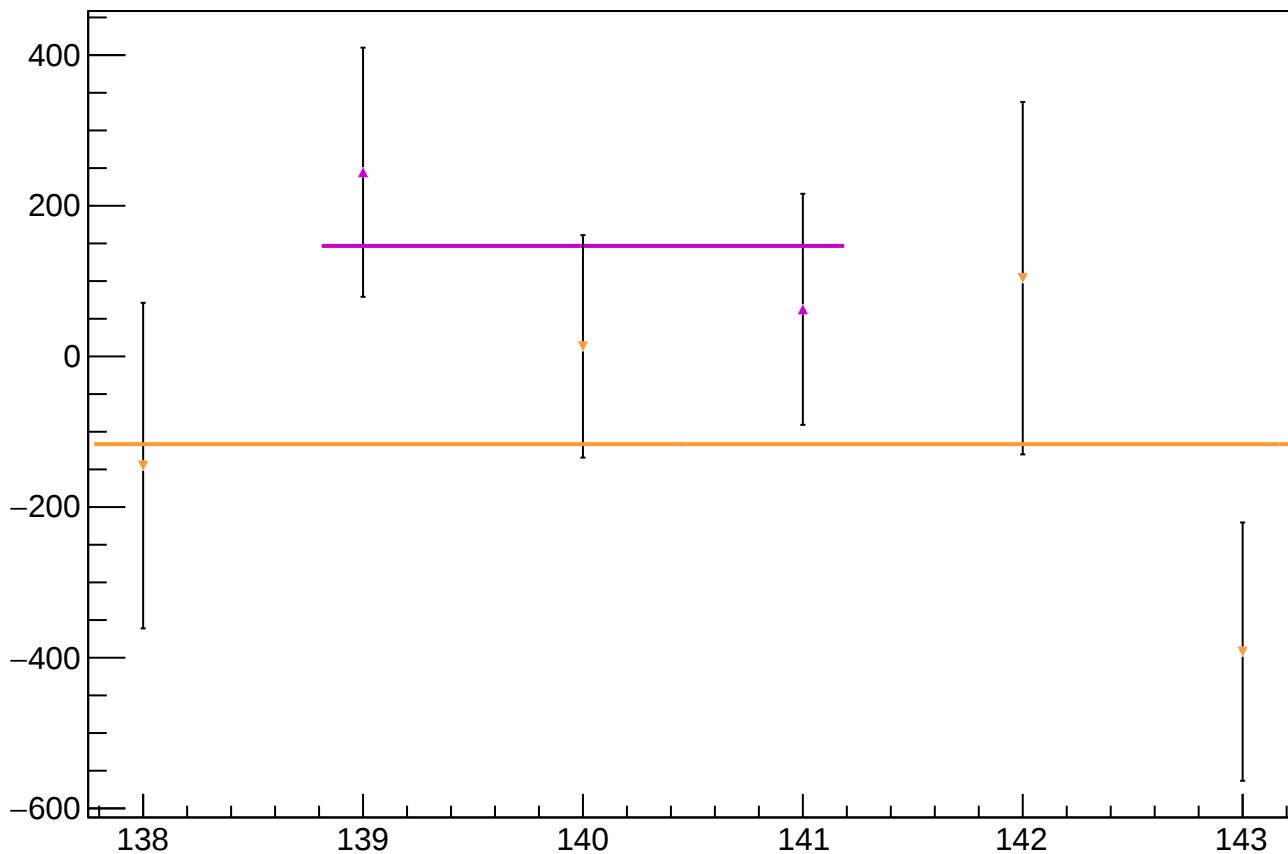
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 56.134 $\pm$ 0.014 χ^2 /NDF: 1384449.4/18

Out: 56.327 $\pm$ 0.013 χ^2 /NDF: 1864553.3/22

All: 56.237 $\pm$ 0.010 χ^2 /NDF: 3249099.6/41

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -116.467+/-91.454 χ^2/NDF : 4.3/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 146.675+/-112.449 χ^2/NDF : 0.7/1

Left: -11.706+/-70.951 χ^2/NDF : 8.2/5

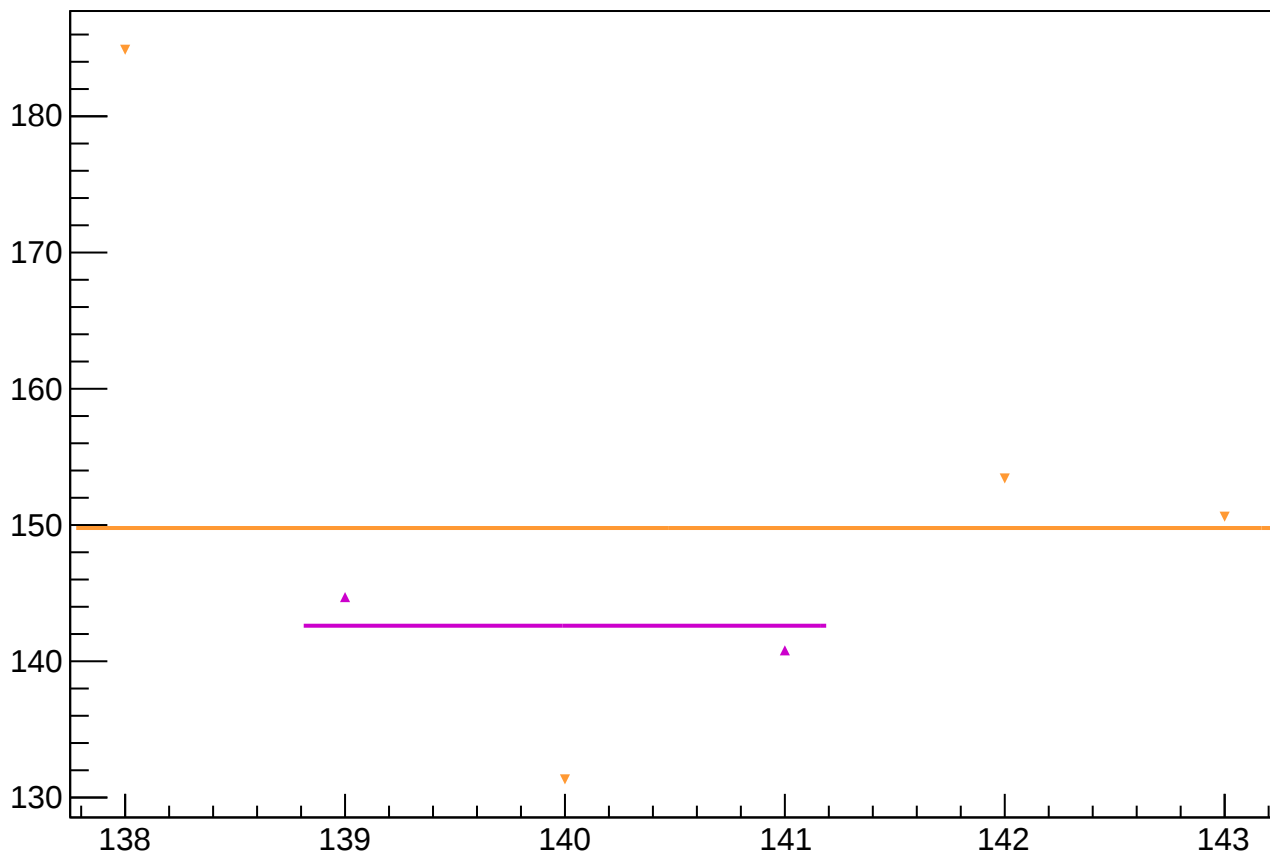
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 146.675+/-112.449 χ^2/NDF : 0.7/1

Out: -116.467+/-91.454 χ^2/NDF : 4.3/3

All: -11.706+/-70.951 χ^2/NDF : 8.2/5

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 149.781+/-0.065 χ^2/NDF :84513.1/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 142.609+/-0.080 χ^2/NDF :600.4/1

Left: 146.926+/-0.050 χ^2/NDF : 90009.3/5

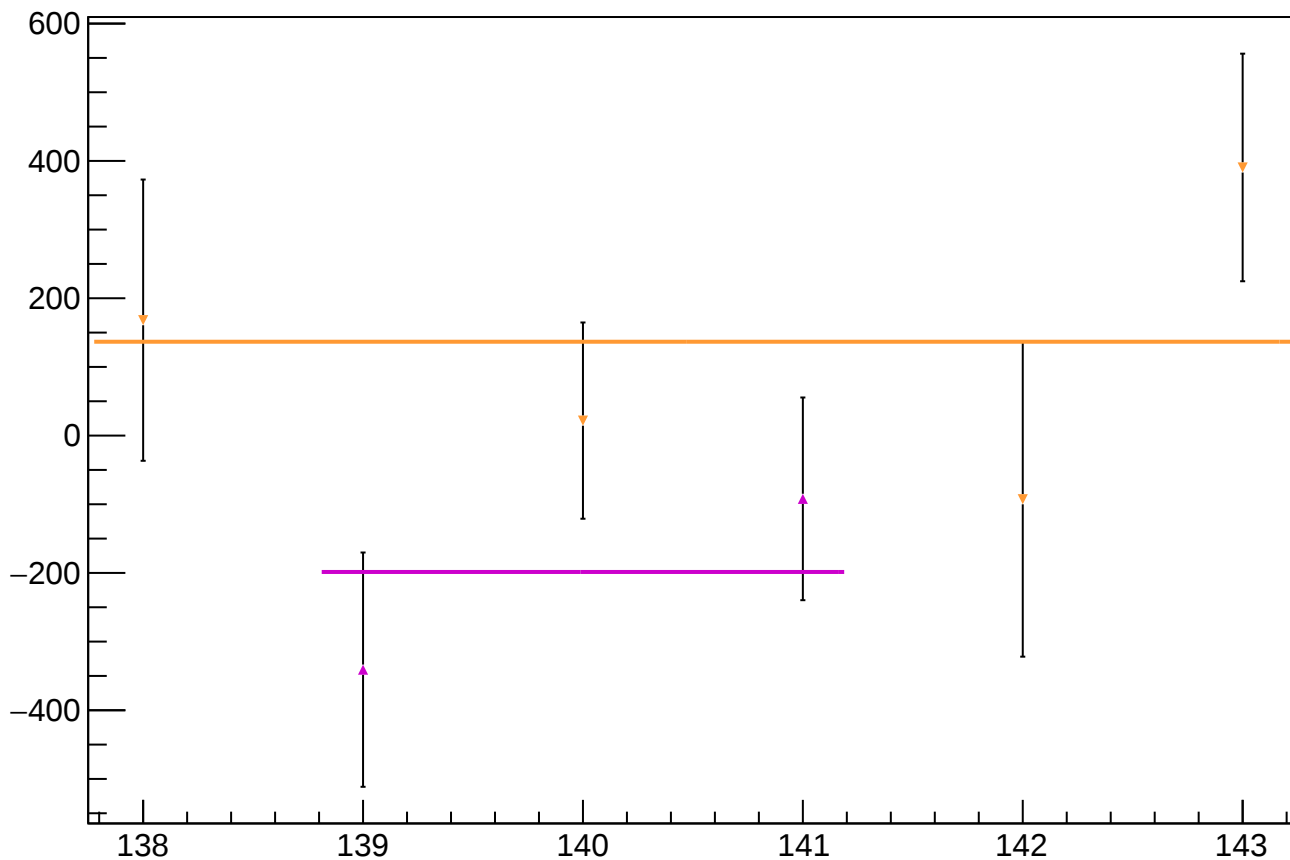
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.609+/-0.080 χ^2/NDF :600.4/1

Out: 149.781+/-0.065 χ^2/NDF :84513.1/3

All: 146.926+/-0.050 χ^2/NDF : 90009.3/5

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 136.690+/-88.300 χ^2/NDF :4.0/3

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: 7.620+/-69.250 χ^2/NDF : 10.8/5

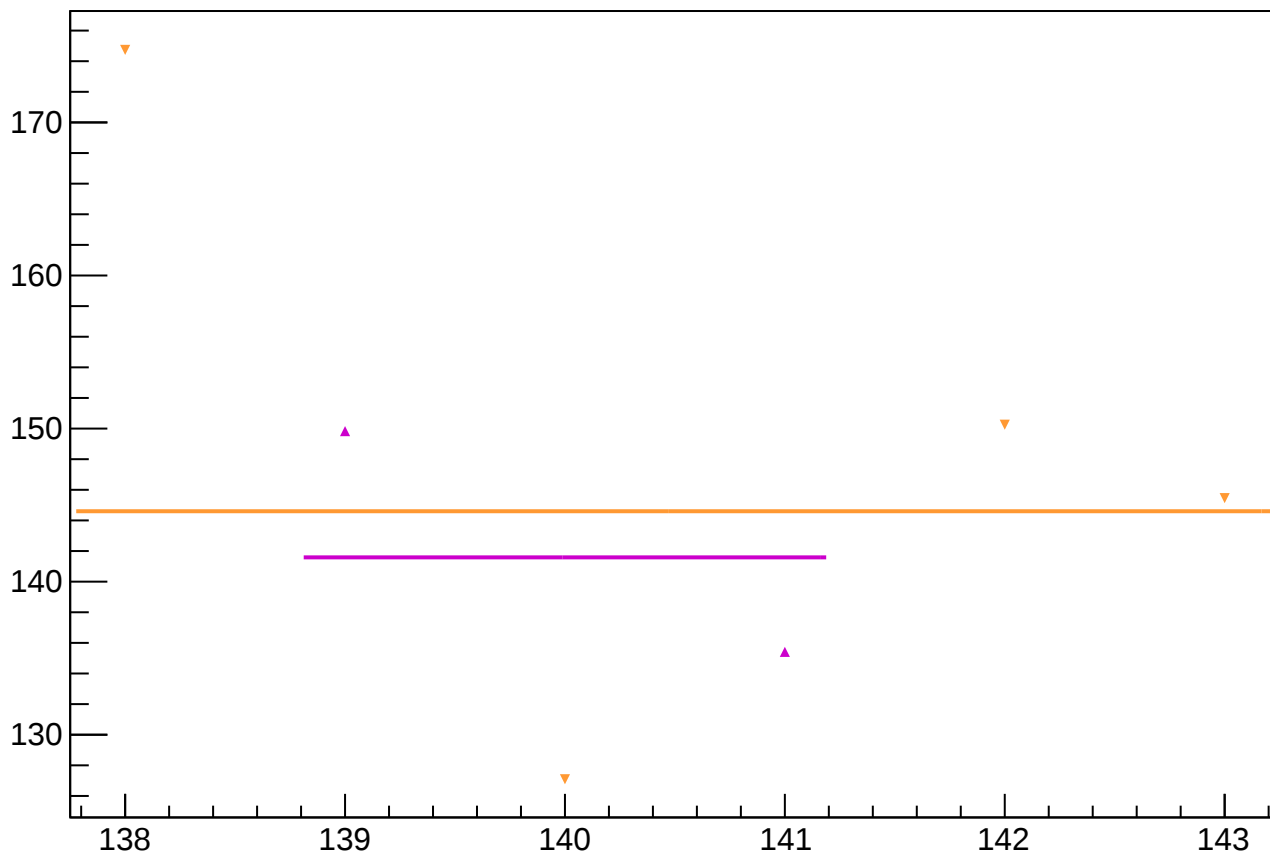
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -198.601+/-111.613 χ^2/NDF :1.2/1

Out: 136.690+/-88.300 χ^2/NDF :4.0/3

All: 7.620+/-69.250 χ^2/NDF : 10.8/5

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 144.600+/-0.062 χ^2/NDF : 74616.0/3

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: 143.440+/-0.049 χ^2/NDF : 83685.3/5

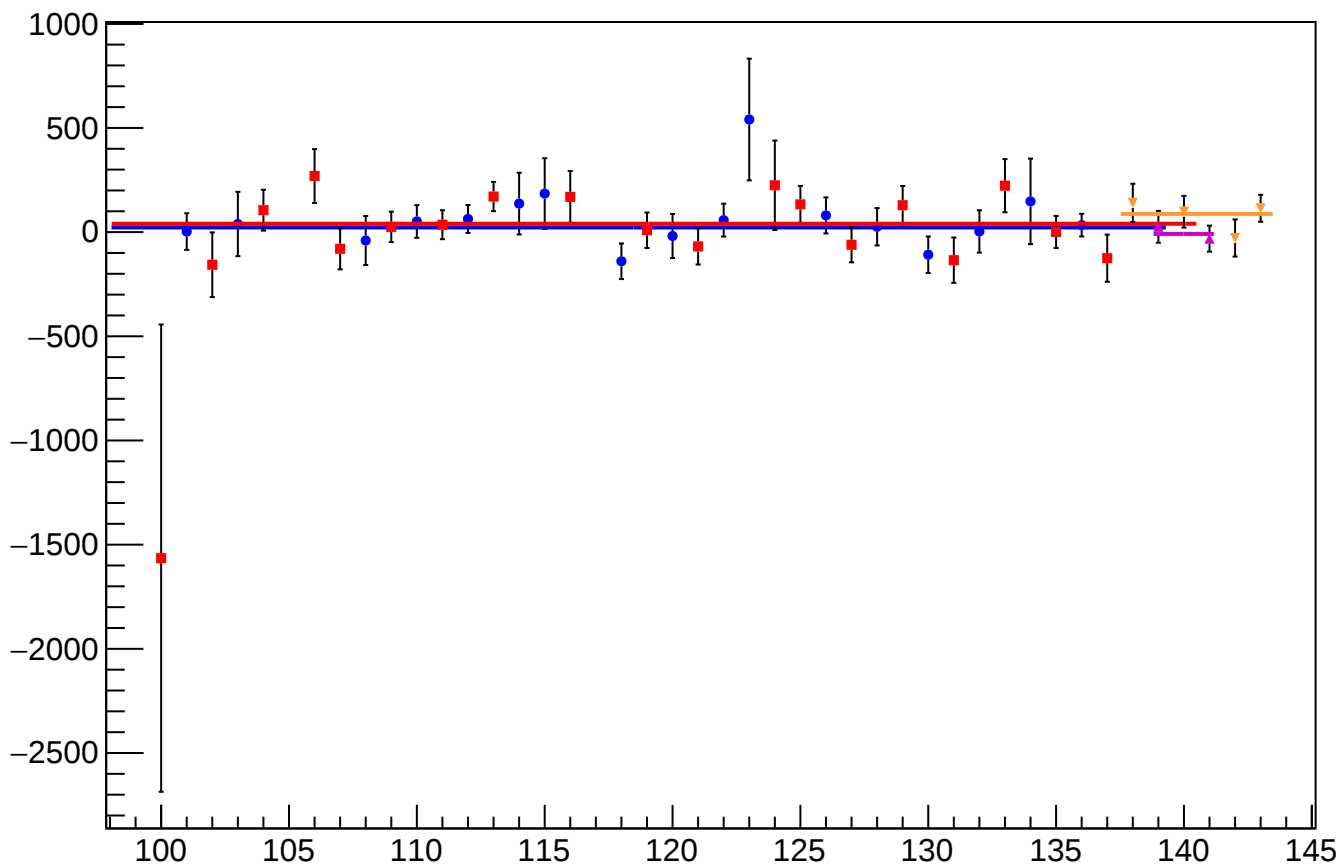
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 141.586+/-0.079 χ^2/NDF : 8172.6/1

Out: 144.600+/-0.062 χ^2/NDF : 74616.0/3

All: 143.440+/-0.049 χ^2/NDF : 83685.3/5

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 87.278+/-39.017 χ^2/NDF : 2.2/3

Right Out: 40.242+/-22.132 χ^2/NDF : 26.3/18

Left In: -8.682+/-48.388 χ^2/NDF : 0.3/1

Left: 49.469+/-30.373 χ^2/NDF : 4.9/5

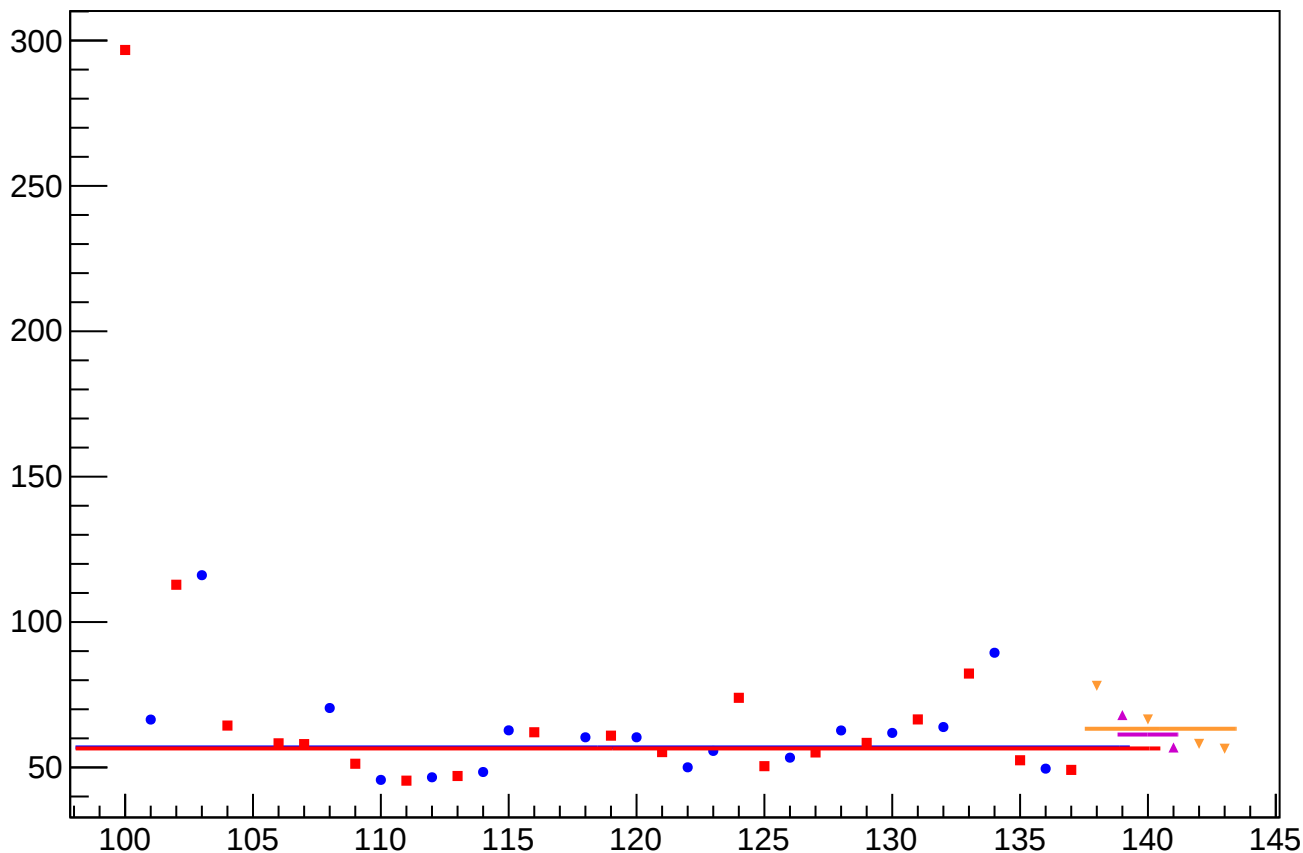
Right: 31.498+/-15.821 χ^2/NDF : 39.2/35

In: 16.792+/-20.495 χ^2/NDF : 13.3/18

Out: 51.692+/-19.251 χ^2/NDF : 29.6/22

All: 35.334+/-14.032 χ^2/NDF : 44.4/41

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: 63.301 $\pm$ 0.028 χ^2 /NDF: 84462.4/3

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: 62.518 $\pm$ 0.021 χ^2 /NDF: 111983.0/5

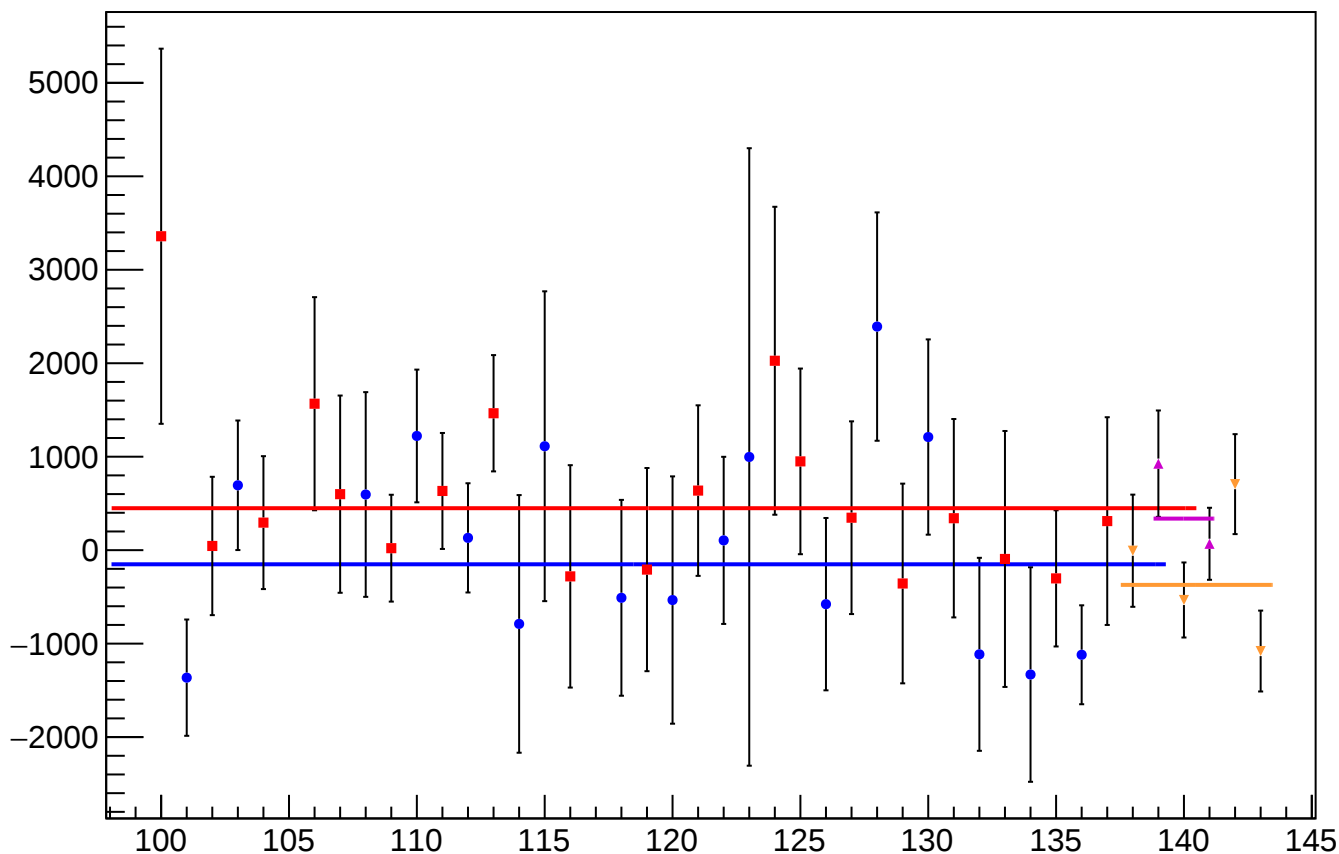
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 57.674 $\pm$ 0.014 χ^2 /NDF: 614752.5/18

Out: 58.177 $\pm$ 0.014 χ^2 /NDF: 742342.9/22

All: 57.941 $\pm$ 0.010 χ^2 /NDF: 1357733.2/41

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -371.516 $\pm$ 236.887 χ^2 /NDF:7.3/3

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 337.611 $\pm$ 319.089 χ^2 /NDF:1.6/1

Left: -119.555 $\pm$ 190.203 χ^2 /NDF: 12.0/5

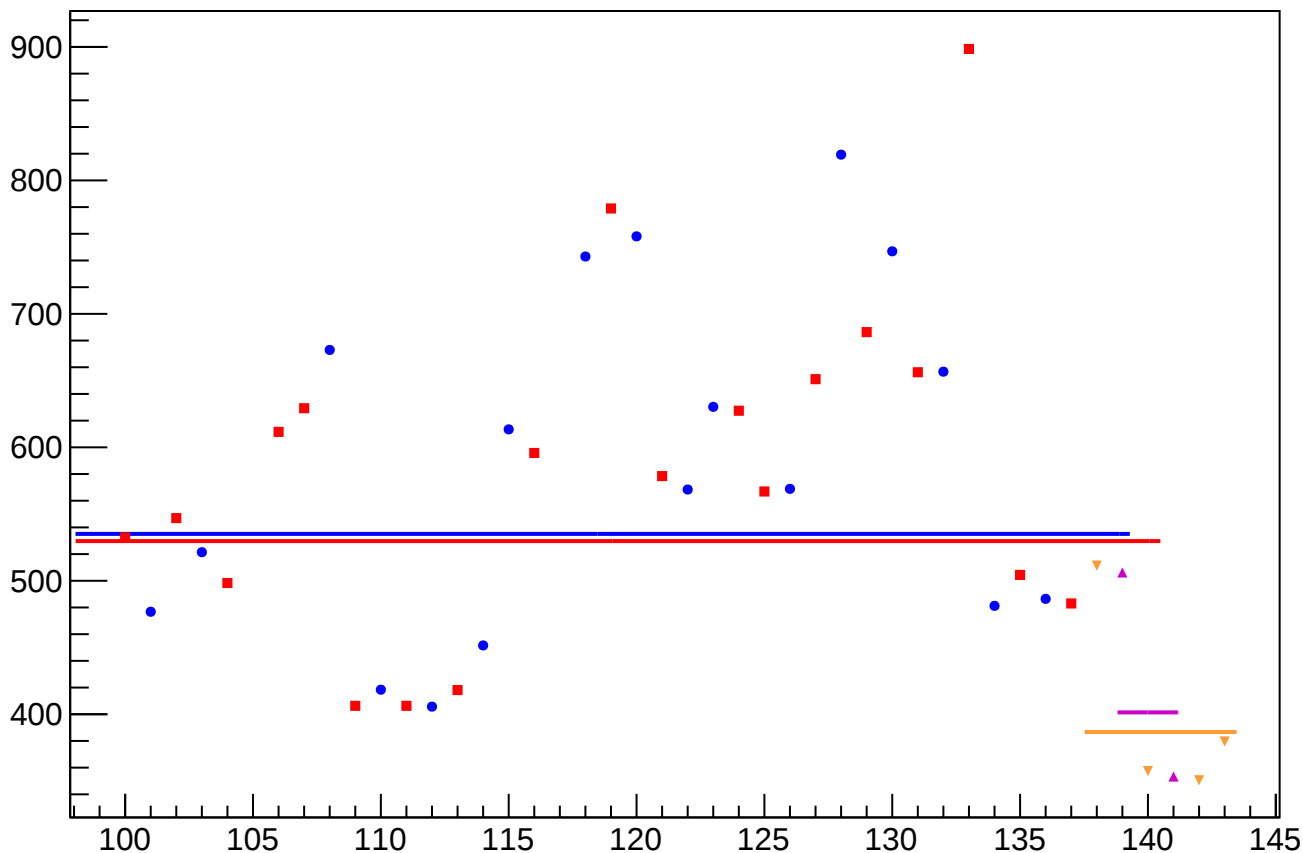
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: -1.065 $\pm$ 176.838 χ^2 /NDF:25.6/18

Out: 99.571 $\pm$ 154.580 χ^2 /NDF:24.7/22

All: 55.981 $\pm$ 116.383 χ^2 /NDF: 50.5/41

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: 386.687 $\pm$ 0.168 χ^2 /NDF: 106668.7/3

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: 391.914 $\pm$ 0.134 χ^2 /NDF: 208409.6/5

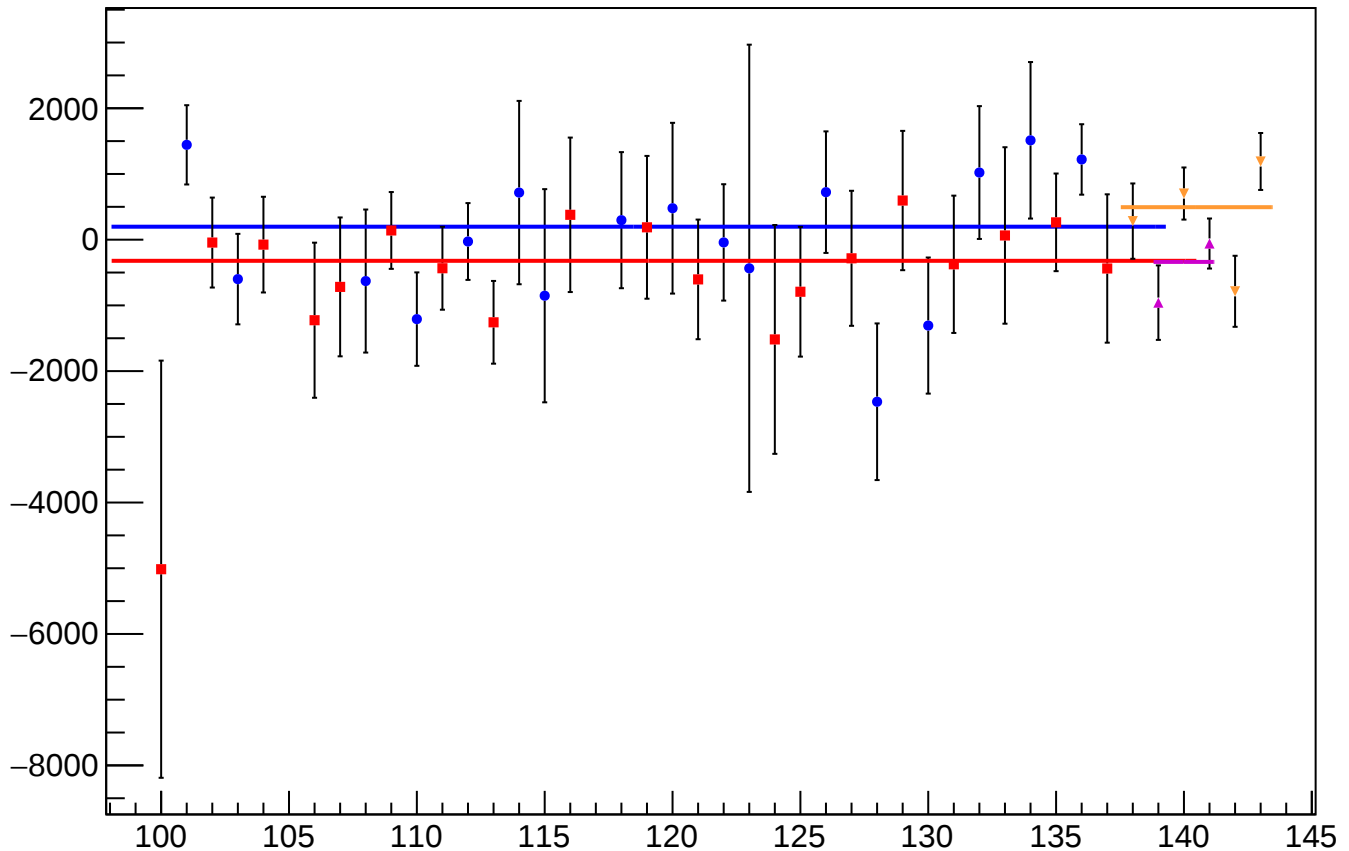
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 494.061 $\pm$ 0.125 χ^2 /NDF: 938518.4/18

Out: 468.830 $\pm$ 0.109 χ^2 /NDF: 1172230.0/22

All: 479.759 $\pm$ 0.082 χ^2 /NDF: 2133827.2/41

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 494.473 $\pm$ 234.711 χ^2 /NDF:8.6/3

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: 198.464 $\pm$ 188.431 χ^2 /NDF: 14.8/5

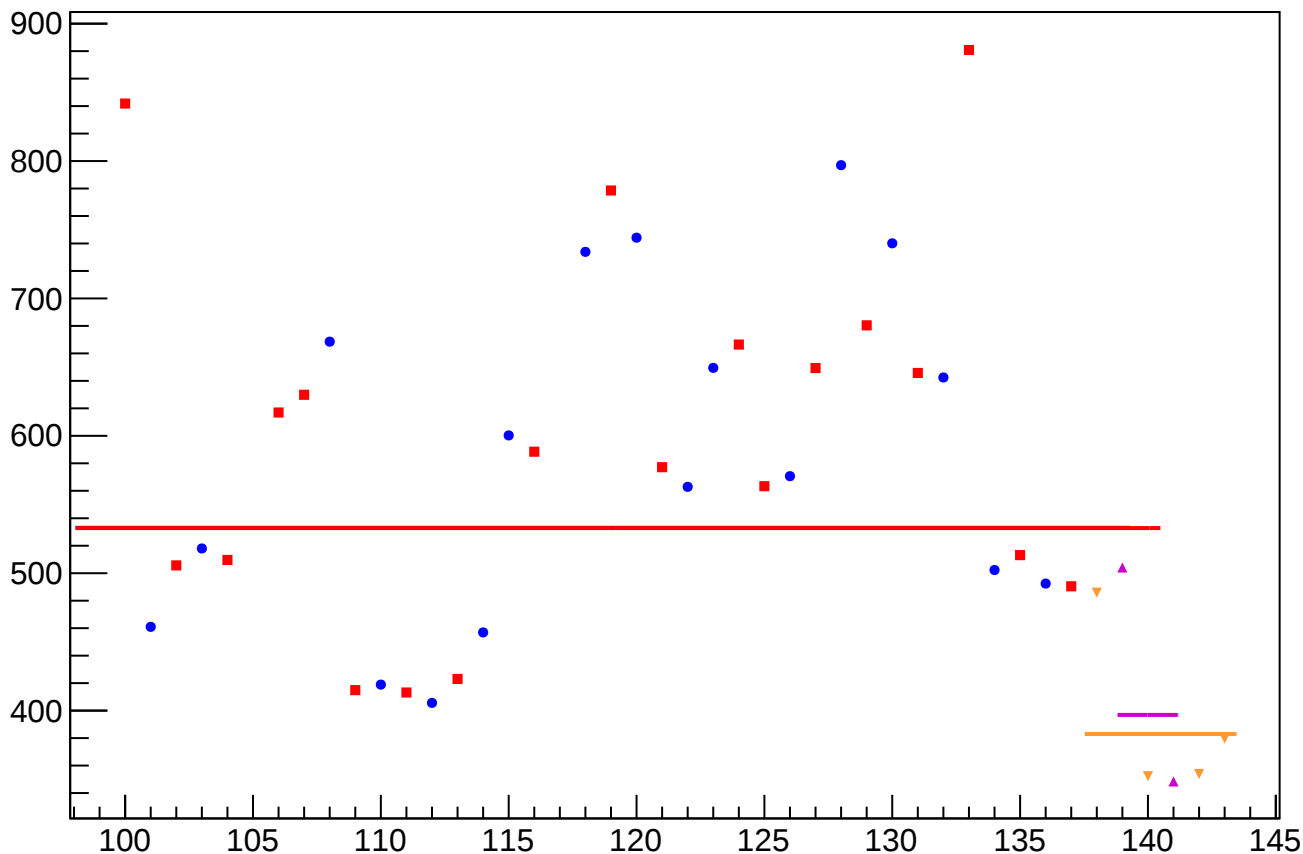
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 31.850 $\pm$ 175.760 χ^2 /NDF:27.6/18

Out: 32.092 $\pm$ 154.514 χ^2 /NDF:24.3/22

All: 31.986 $\pm$ 116.047 χ^2 /NDF: 52.0/41

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 382.985+/-0.166 χ^2/NDF : 82342.3/3

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: 387.920+/-0.133 χ^2/NDF : 188847.7/5

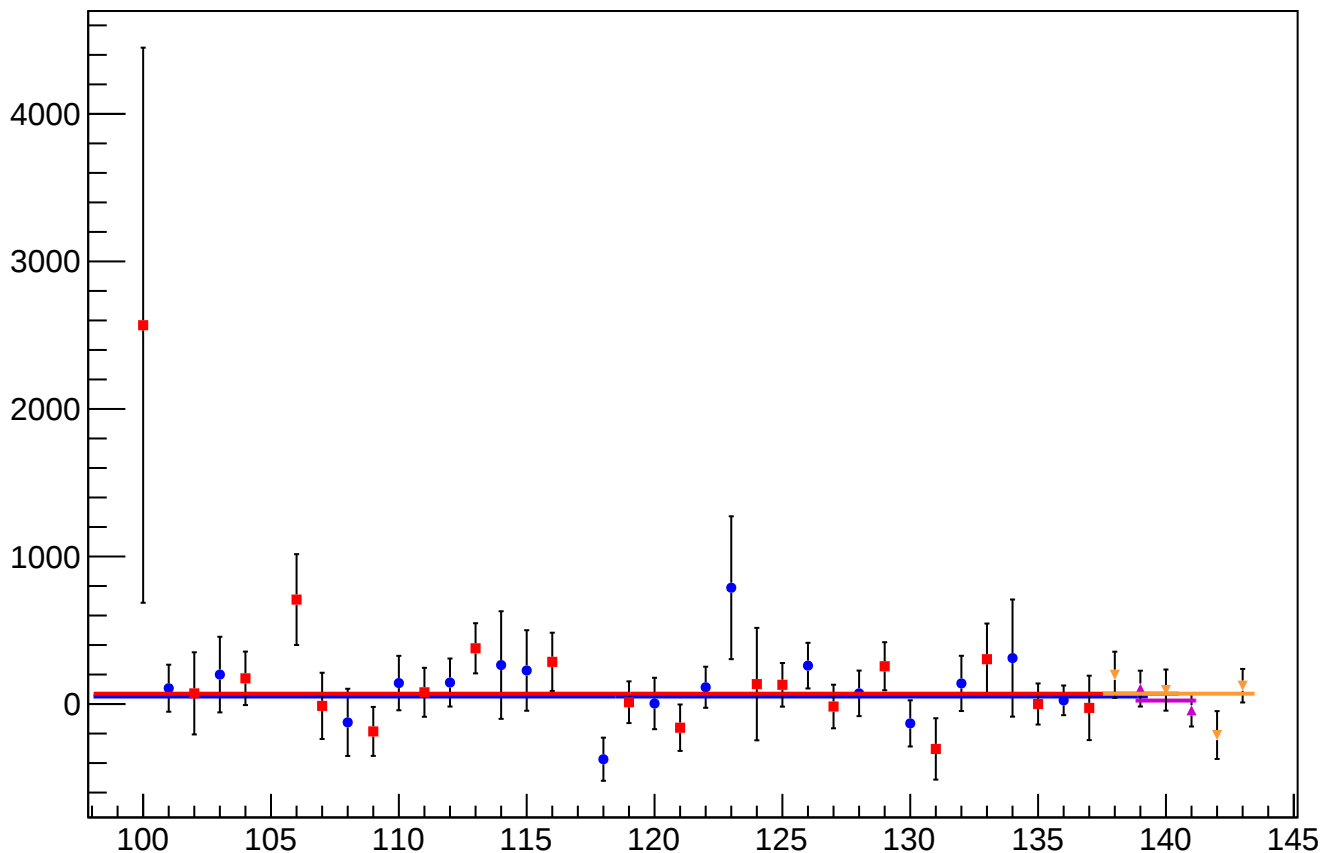
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 490.919+/-0.124 χ^2/NDF : 927293.2/18

Out: 467.905+/-0.109 χ^2/NDF : 1161350.7/22

All: 477.938+/-0.082 χ^2/NDF : 2107986.2/41

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 70.224+/-69.374 χ^2/NDF : 3.9/3

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: 50.638+/-52.803 χ^2/NDF : 4.9/5

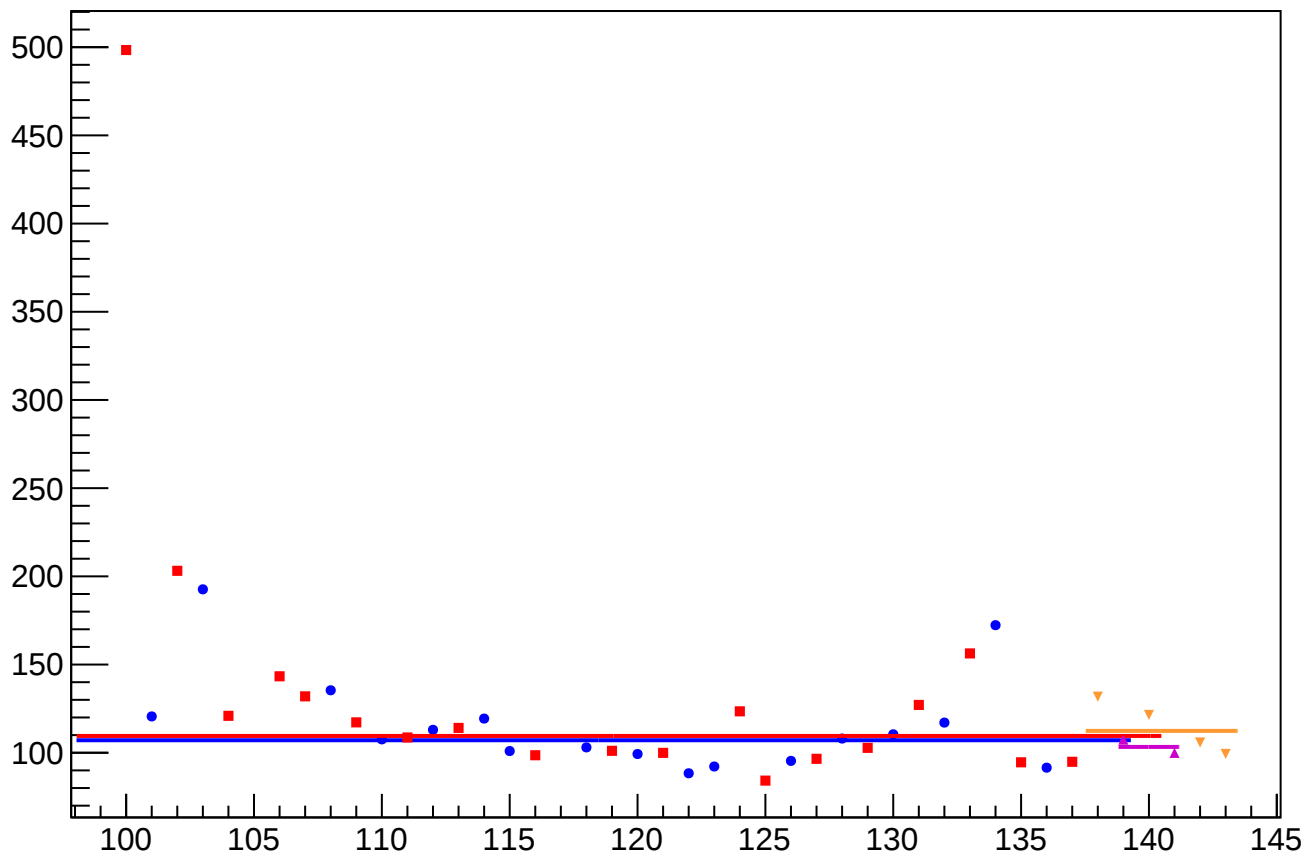
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 45.294+/-37.616 χ^2/NDF : 18.3/18

Out: 70.114+/-36.421 χ^2/NDF : 26.1/22

All: 58.105+/-26.166 χ^2/NDF : 44.6/41

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094+/-0.030 χ^2/NDF : 437755.4/16

Left Out: 112.394+/-0.049 χ^2/NDF : 68893.3/3

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: 108.572+/-0.037 χ^2/NDF : 87526.0/5

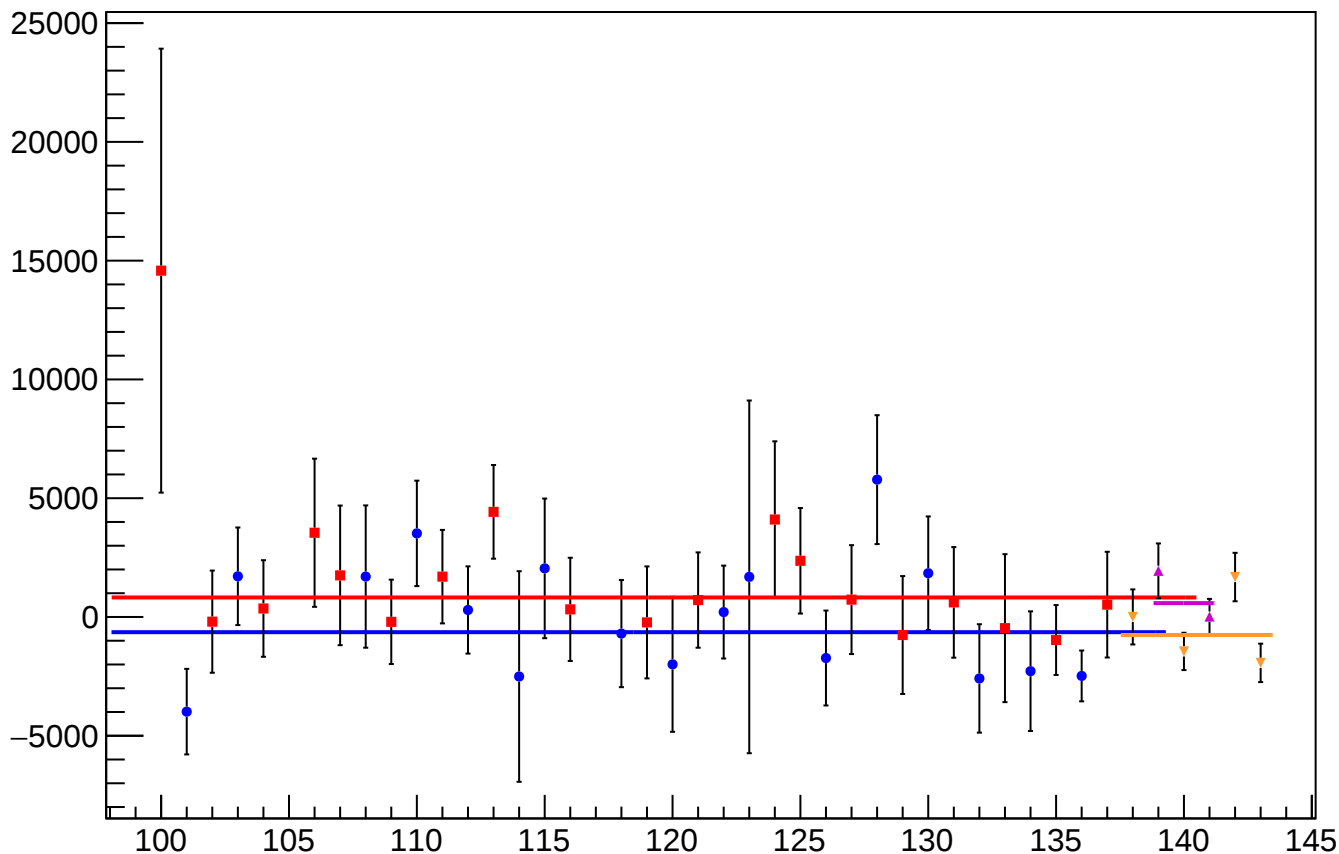
Right: 108.301+/-0.021 χ^2/NDF : 1032549.7/35

In: 106.286+/-0.027 χ^2/NDF : 445356.7/18

Out: 110.320+/-0.026 χ^2/NDF : 662885.4/22

All: 108.368+/-0.019 χ^2/NDF : 1120115.4/41

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -758.455+/-453.801 χ^2/NDF : 9.0/3

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: -295.000+/-367.182 χ^2/NDF : 14.0/5

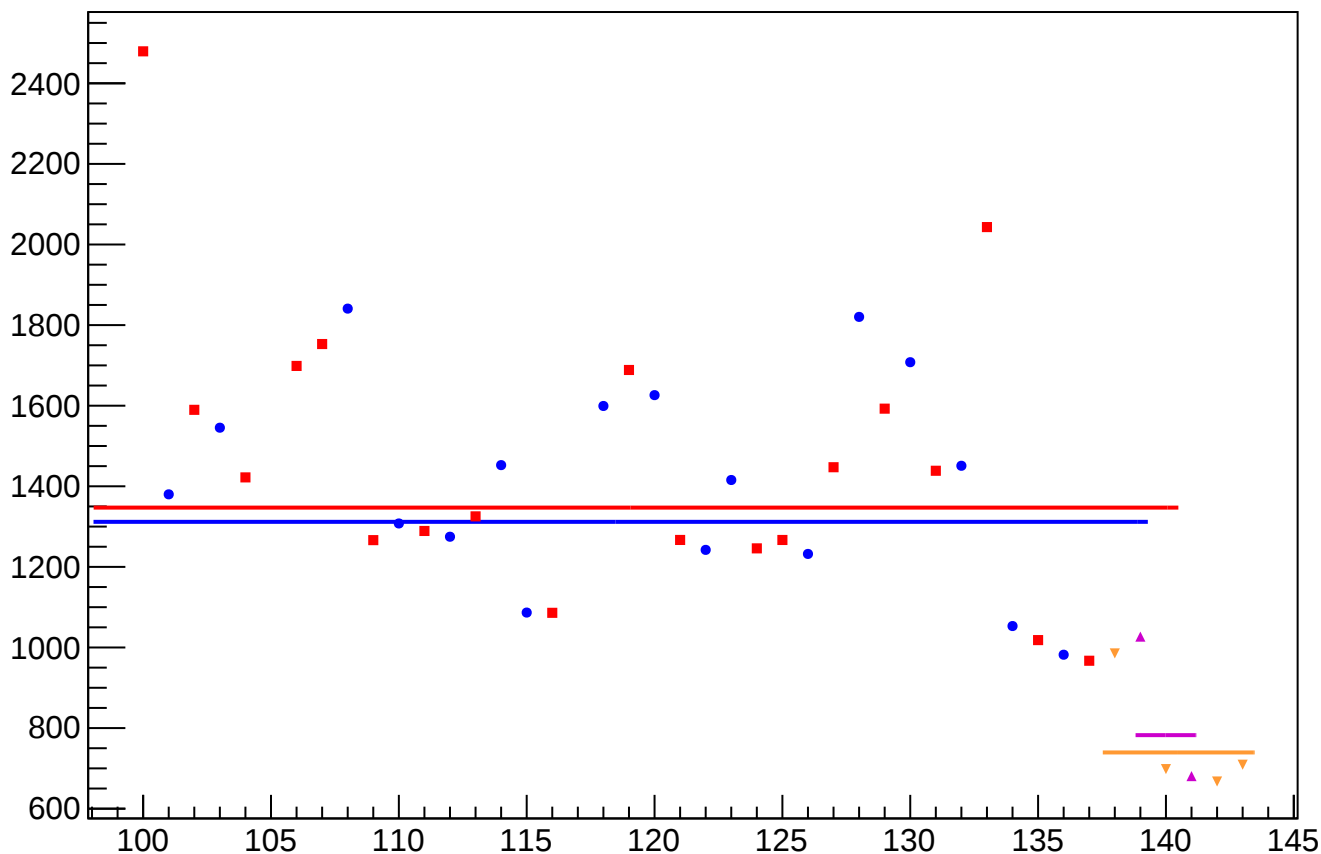
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -140.066+/-399.355 χ^2/NDF : 26.0/18

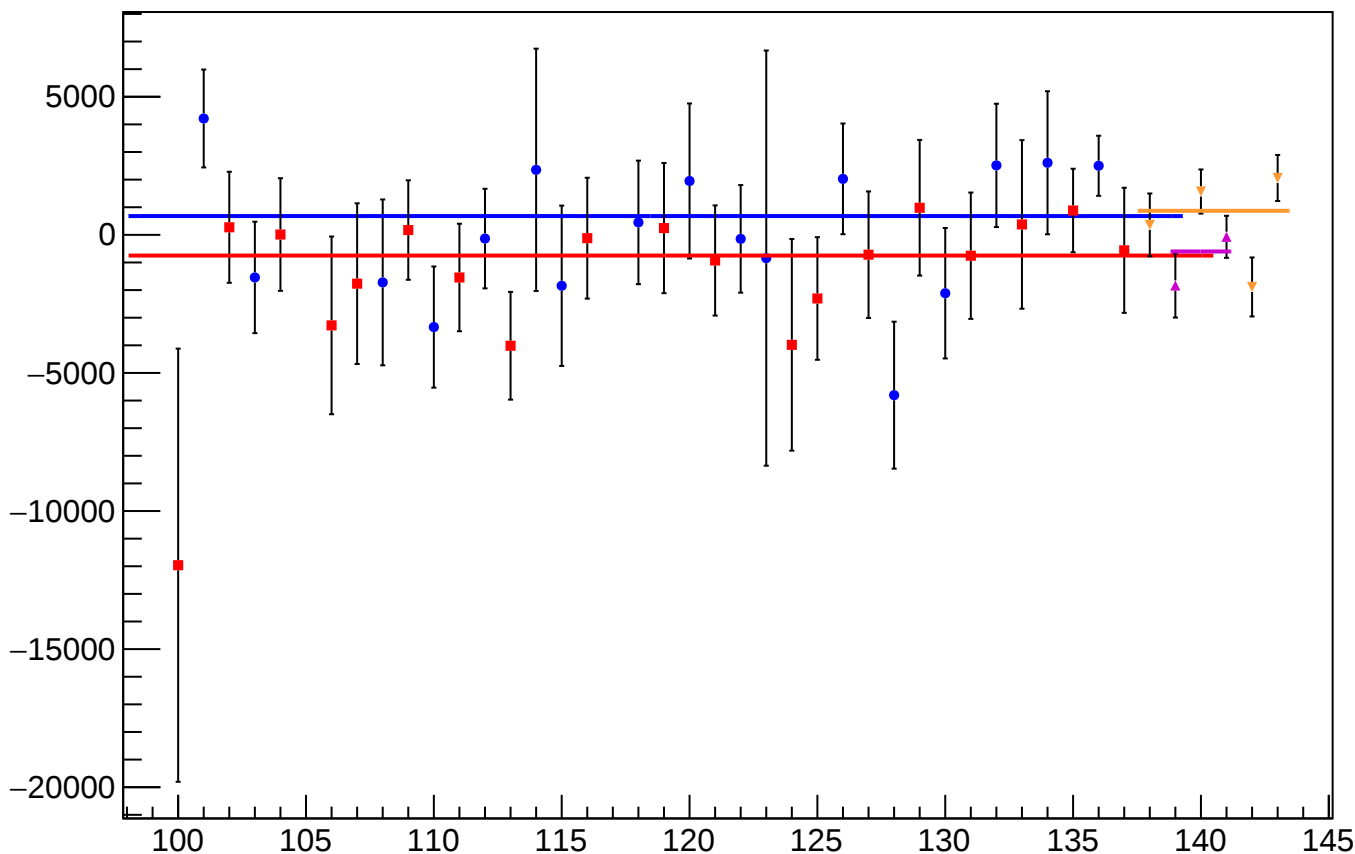
Out: -68.900+/-340.669 χ^2/NDF : 25.3/22

All: -98.874+/-259.179 χ^2/NDF : 51.4/41

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2/NDF : 22.6/16

Left Out: 870.961 $\pm$ 463.082 χ^2/NDF : 9.7/3

Right Out: -749.718 $\pm$ 516.198 χ^2/NDF : 9.7/18

Left In: -601.742 $\pm$ 636.498 χ^2/NDF : 1.6/1

Left: 361.234 $\pm$ 374.462 χ^2/NDF : 14.8/5

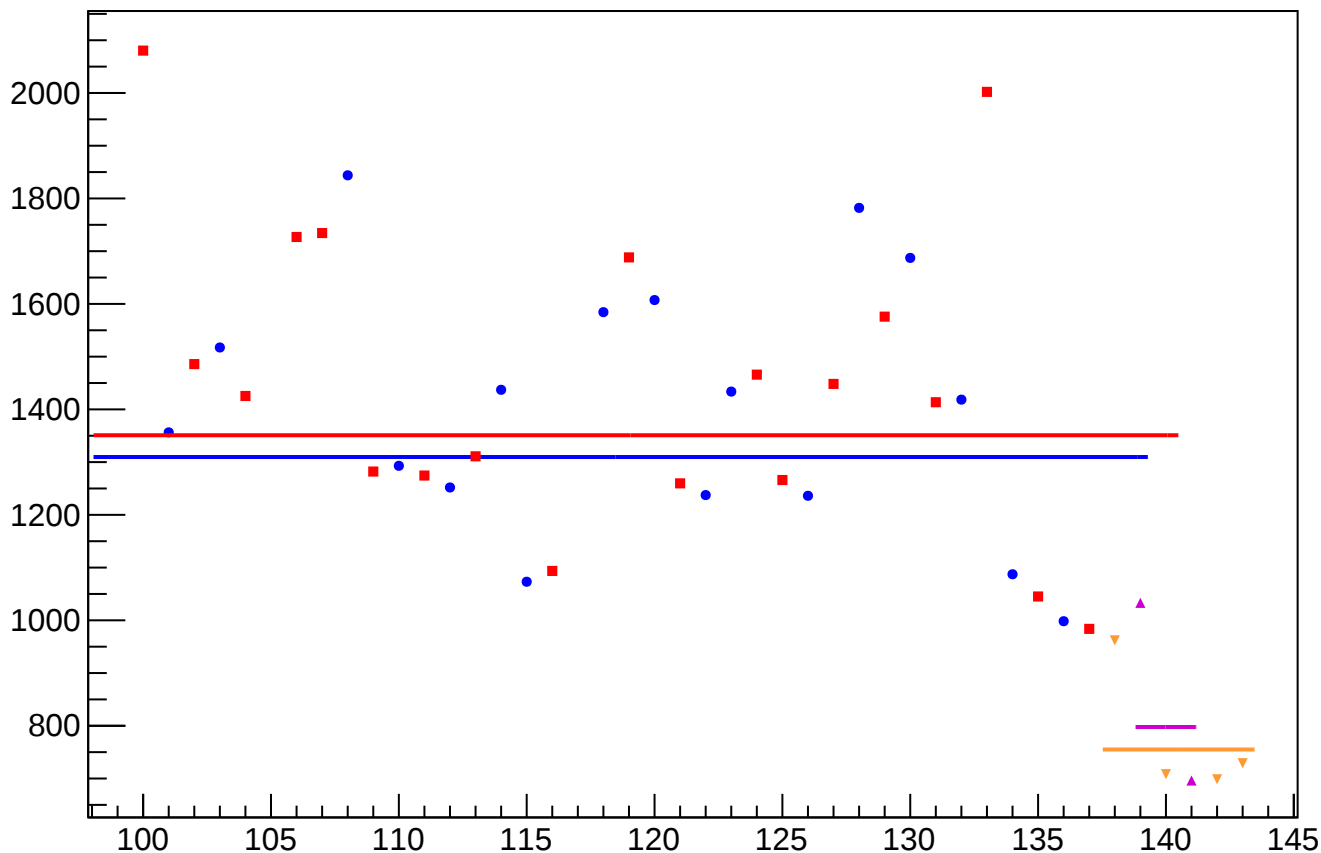
Right: -36.709 $\pm$ 365.469 χ^2/NDF : 36.1/35

In: 169.855 $\pm$ 401.536 χ^2/NDF : 26.6/18

Out: 148.267 $\pm$ 344.702 χ^2/NDF : 24.8/22

All: 157.427 $\pm$ 261.547 χ^2/NDF : 51.4/41

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 754.990+/-0.327 χ^2/NDF : 80755.9/3

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 797.653+/-0.450 χ^2/NDF : 117921.6/1

Left: 769.756+/-0.265 χ^2/NDF : 204553.1/5

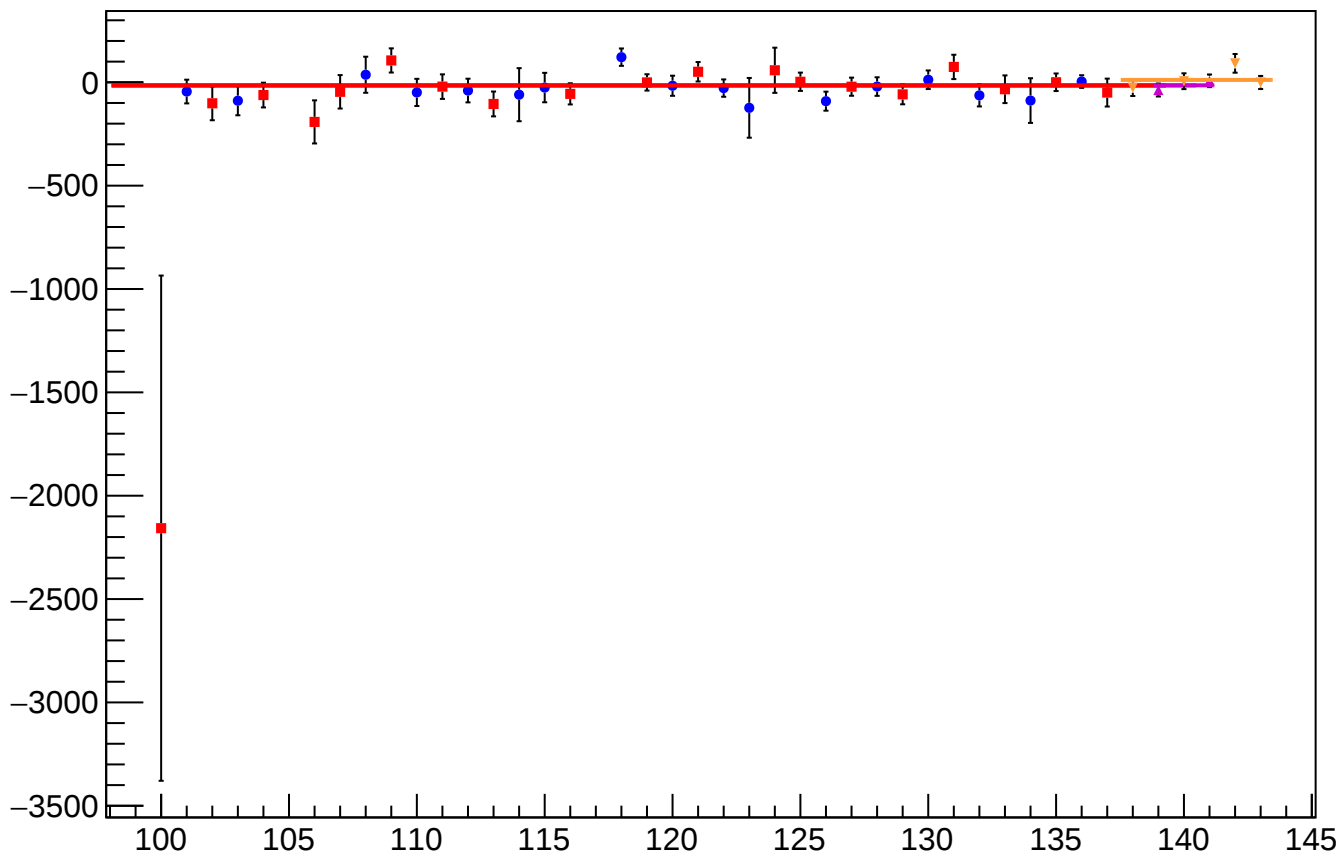
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 1105.891+/-0.284 χ^2/NDF : 1356333.7/18

Out: 1020.737+/-0.244 χ^2/NDF : 1980521.8/22

All: 1056.866+/-0.185 χ^2/NDF : 3388640.8/41

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: 11.521 ± 18.986 χ^2/NDF : 4.2/3

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -14.485 ± 21.895 χ^2/NDF : 1.0/1

Left: 0.359 ± 14.344 χ^2/NDF : 6.0/5

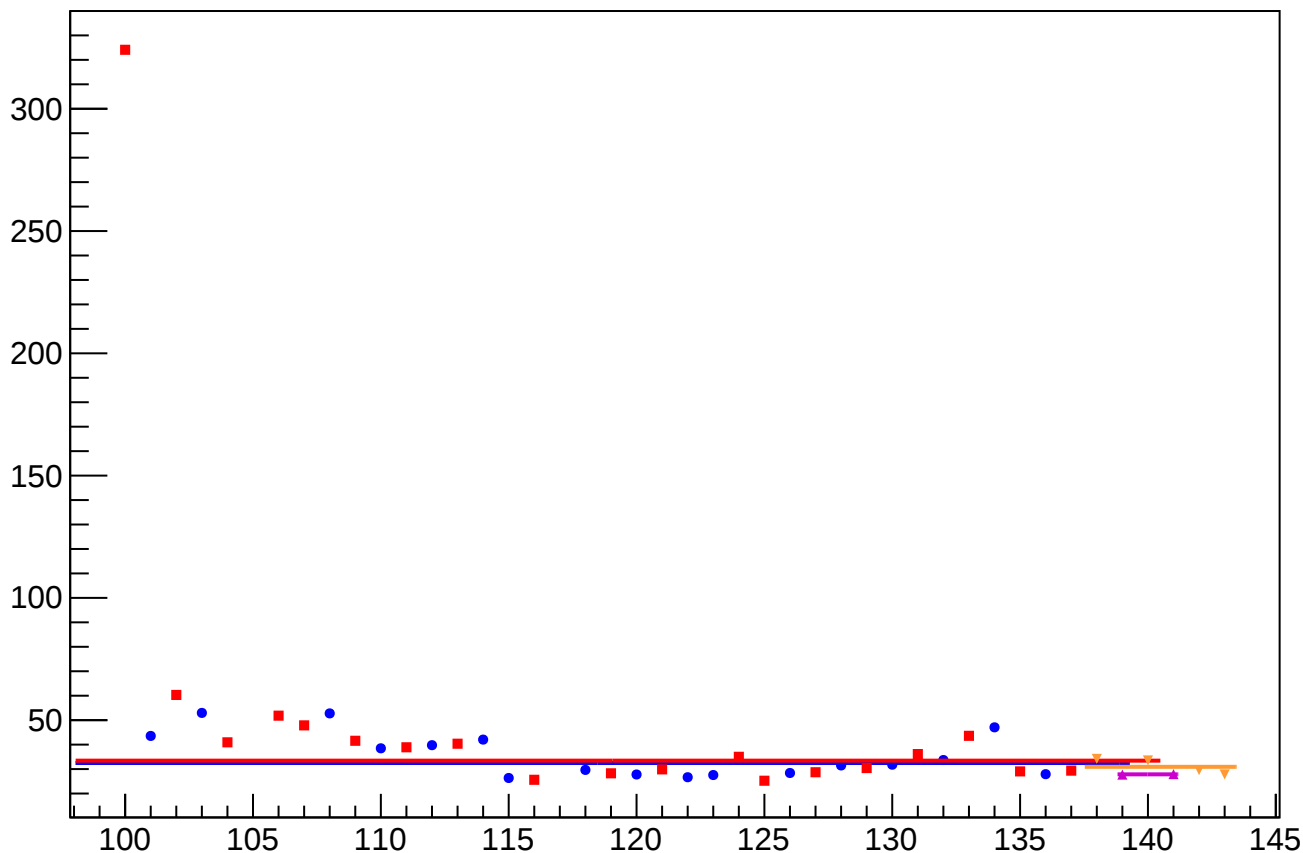
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -15.076 ± 11.119 χ^2/NDF : 19.4/18

Out: -6.506 ± 10.780 χ^2/NDF : 26.8/22

All: -10.659 ± 7.740 χ^2/NDF : 46.4/41

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 30.924 $\pm$ 0.013 χ^2 /NDF: 43162.1/3

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.843 $\pm$ 0.015 χ^2 /NDF: 40.5/1

Left: 29.601 $\pm$ 0.010 χ^2 /NDF: 65811.7/5

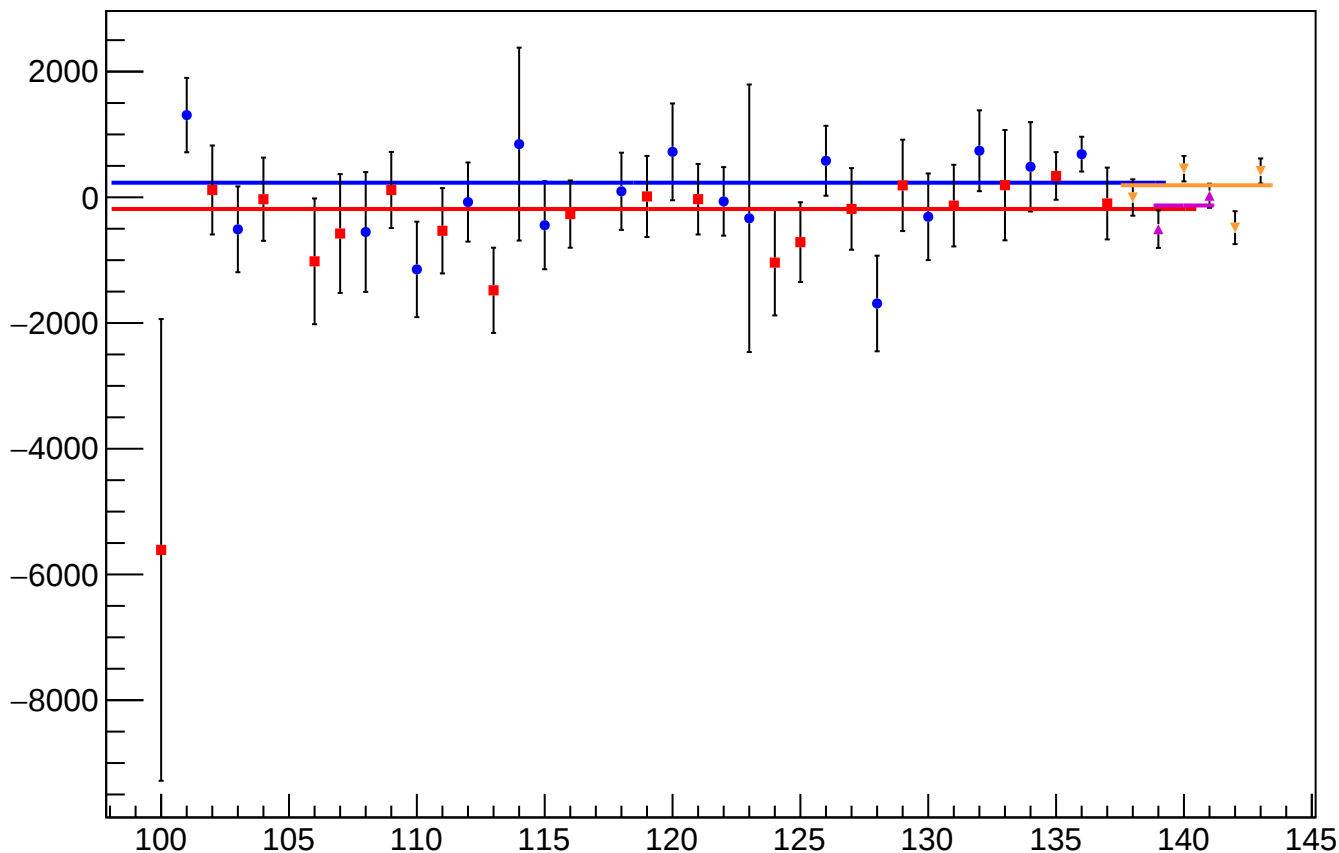
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 31.291 $\pm$ 0.008 χ^2 /NDF: 661364.3/18

Out: 32.632 $\pm$ 0.008 χ^2 /NDF: 905391.6/22

All: 31.982 $\pm$ 0.005 χ^2 /NDF: 1581749.7/41

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: 191.487 $\pm$ 114.619 χ^2 /NDF:10.1/3

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: 83.456 $\pm$ 93.409 χ^2 /NDF: 15.0/5

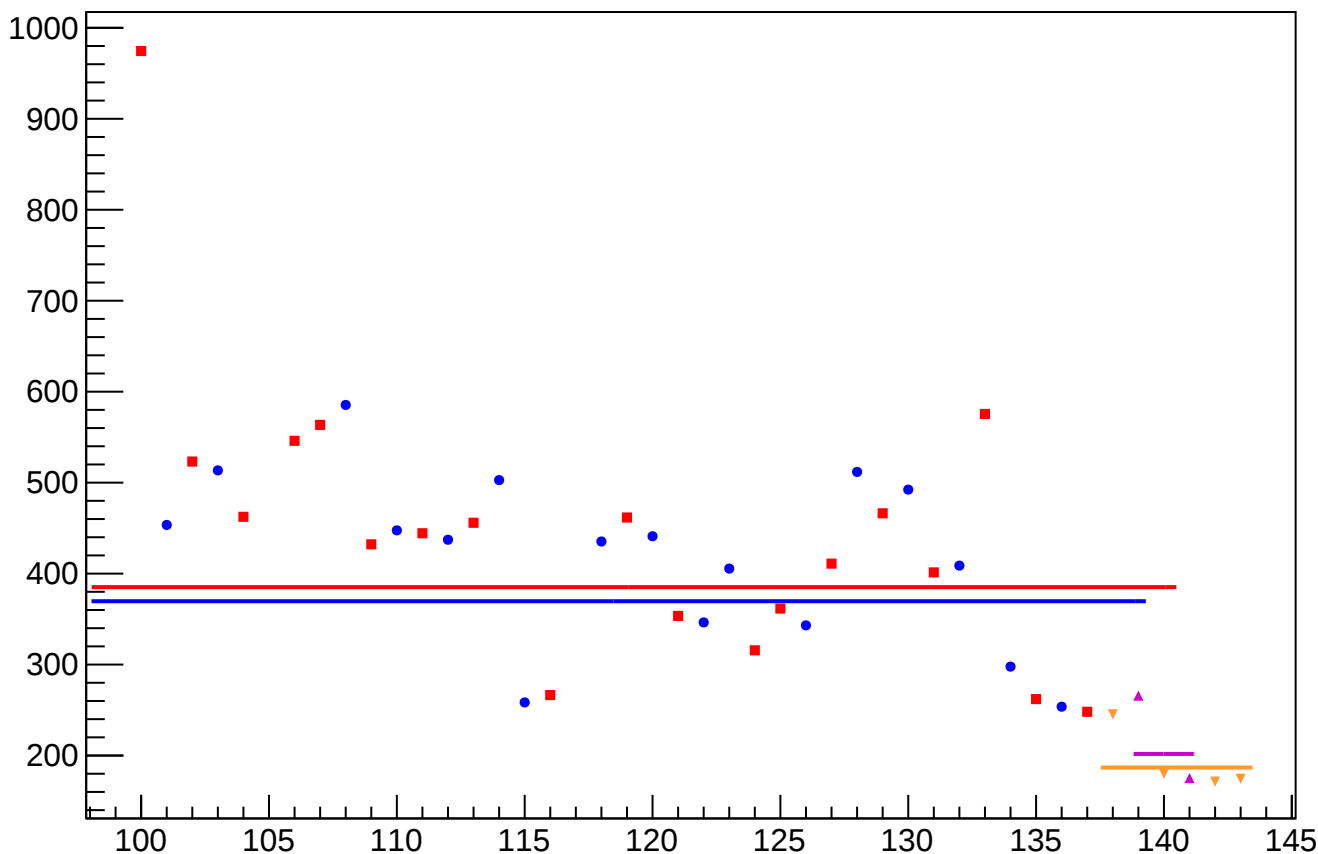
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 65.767 $\pm$ 109.257 χ^2 /NDF:26.4/18

Out: 52.114 $\pm$ 91.046 χ^2 /NDF:25.9/22

All: 57.710 $\pm$ 69.944 χ^2 /NDF: 52.3/41

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 186.769+/-0.081 χ^2/NDF : 98967.5/3

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 201.763+/-0.114 χ^2/NDF : 130559.8/1

Left: 191.804+/-0.066 χ^2/NDF : 241022.8/5

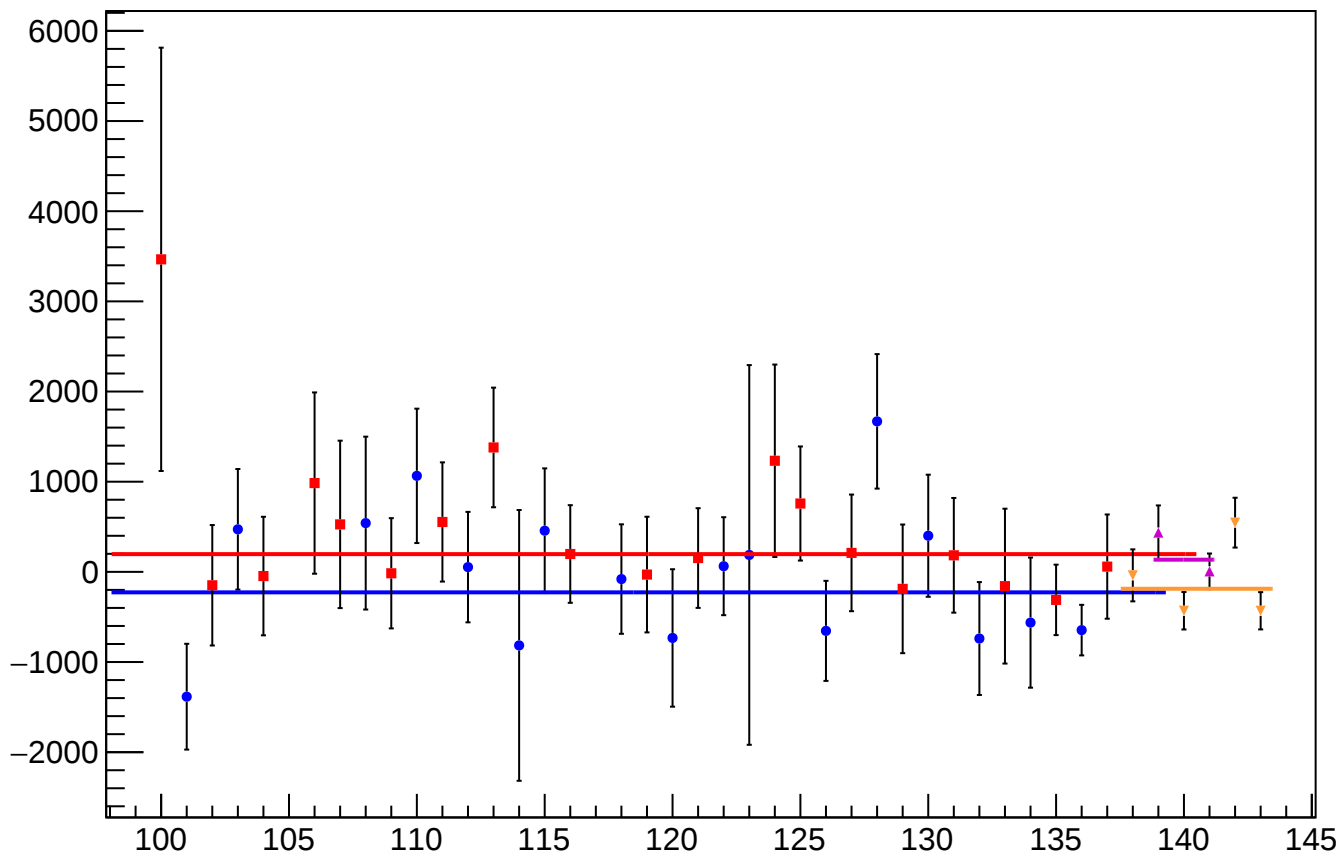
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 292.510+/-0.077 χ^2/NDF : 2206188.8/18

Out: 259.977+/-0.064 χ^2/NDF : 3236545.7/22

All: 273.310+/-0.049 χ^2/NDF : 5547390.9/41

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -187.435 ± 118.025 $\chi^2/\text{NDF}: 10.1/3$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 135.155 ± 165.356 $\chi^2/\text{NDF}: 1.4/1$

Left: -78.557 ± 96.065 $\chi^2/\text{NDF}: 14.0/5$

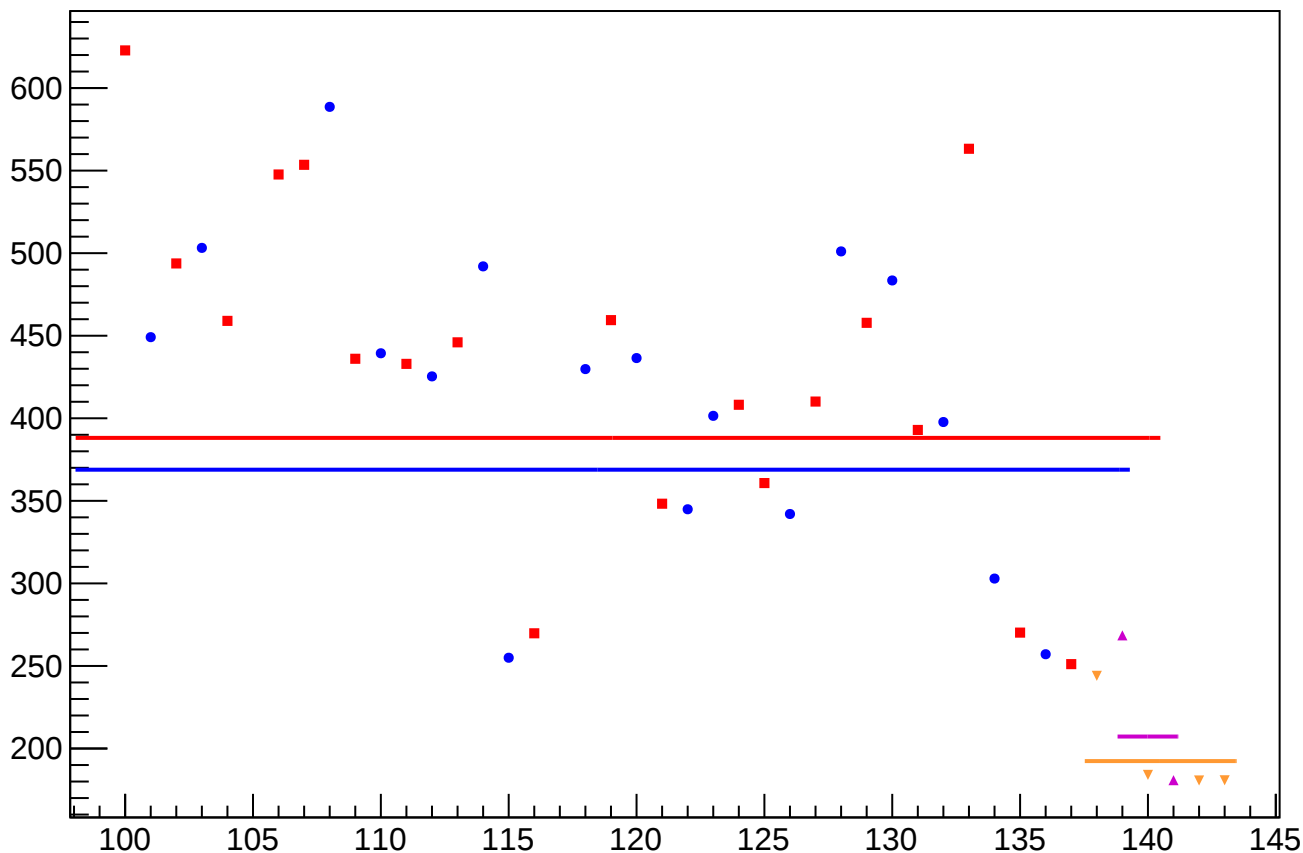
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: -66.168 ± 110.247 $\chi^2/\text{NDF}: 25.9/18$

Out: -40.746 ± 92.797 $\chi^2/\text{NDF}: 24.9/22$

All: -51.288 ± 70.995 $\chi^2/\text{NDF}: 50.8/41$

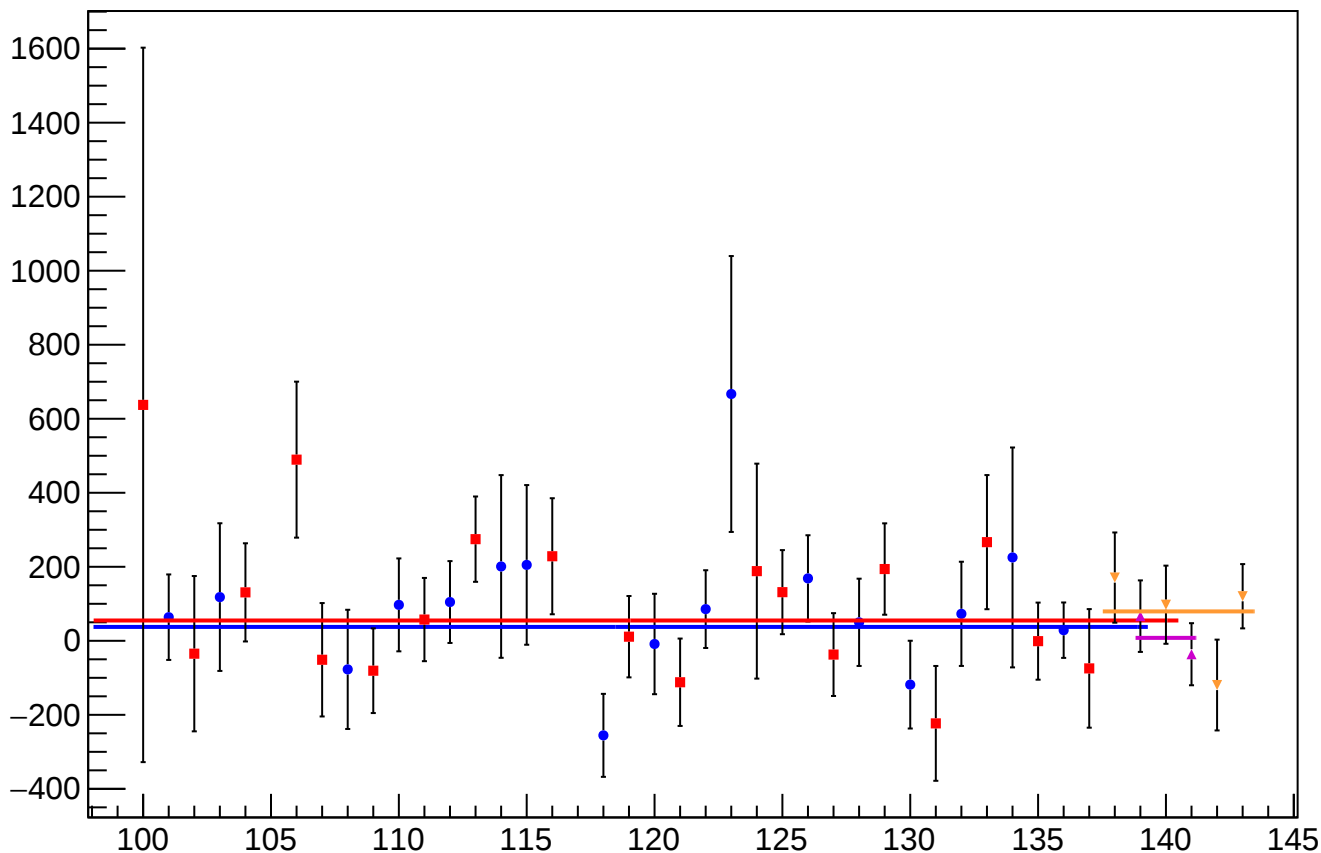
asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16
 Left Out: 192.390 $\pm$ 0.083 χ^2/NDF : 77321.6/3
 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: 197.407 $\pm$ 0.068 χ^2/NDF : 206486.4/5
 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: 267.126 $\pm$ 0.066 χ^2/NDF : 2955848.1/22
 All: 279.525 $\pm$ 0.050 χ^2/NDF : 5051302.7/41

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 79.433 $\pm$ 52.995 χ^2 /NDF:3.4/3

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 7.951 $\pm$ 63.344 χ^2 /NDF:0.6/1

Left: 50.000 $\pm$ 40.646 χ^2 /NDF: 4.8/5

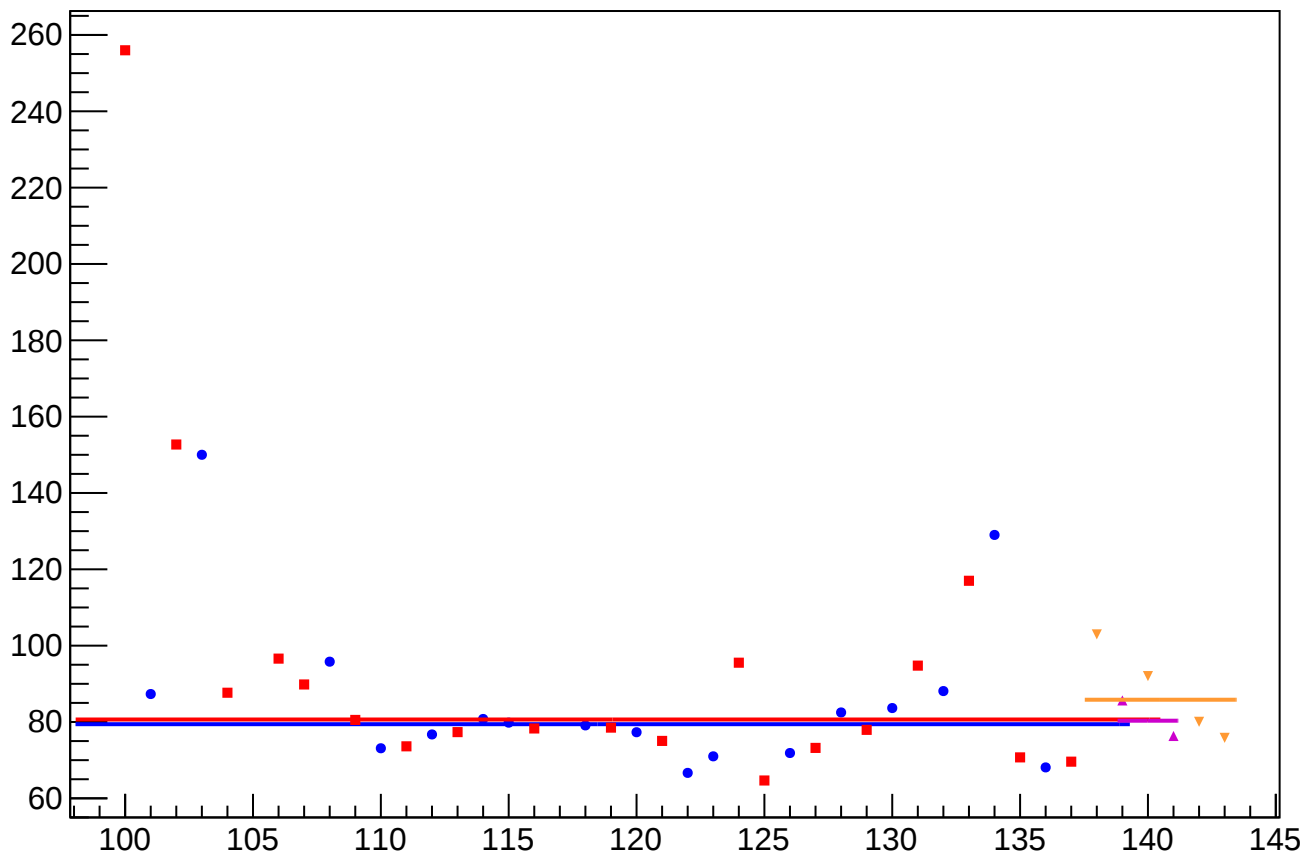
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 31.682 $\pm$ 28.176 χ^2 /NDF:16.7/18

Out: 61.292 $\pm$ 27.060 χ^2 /NDF:25.8/22

All: 47.085 $\pm$ 19.517 χ^2 /NDF: 43.0/41

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: 85.832 $\pm$ 0.037 χ^2 /NDF: 77212.4/3

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: 83.569 $\pm$ 0.029 χ^2 /NDF: 96655.8/5

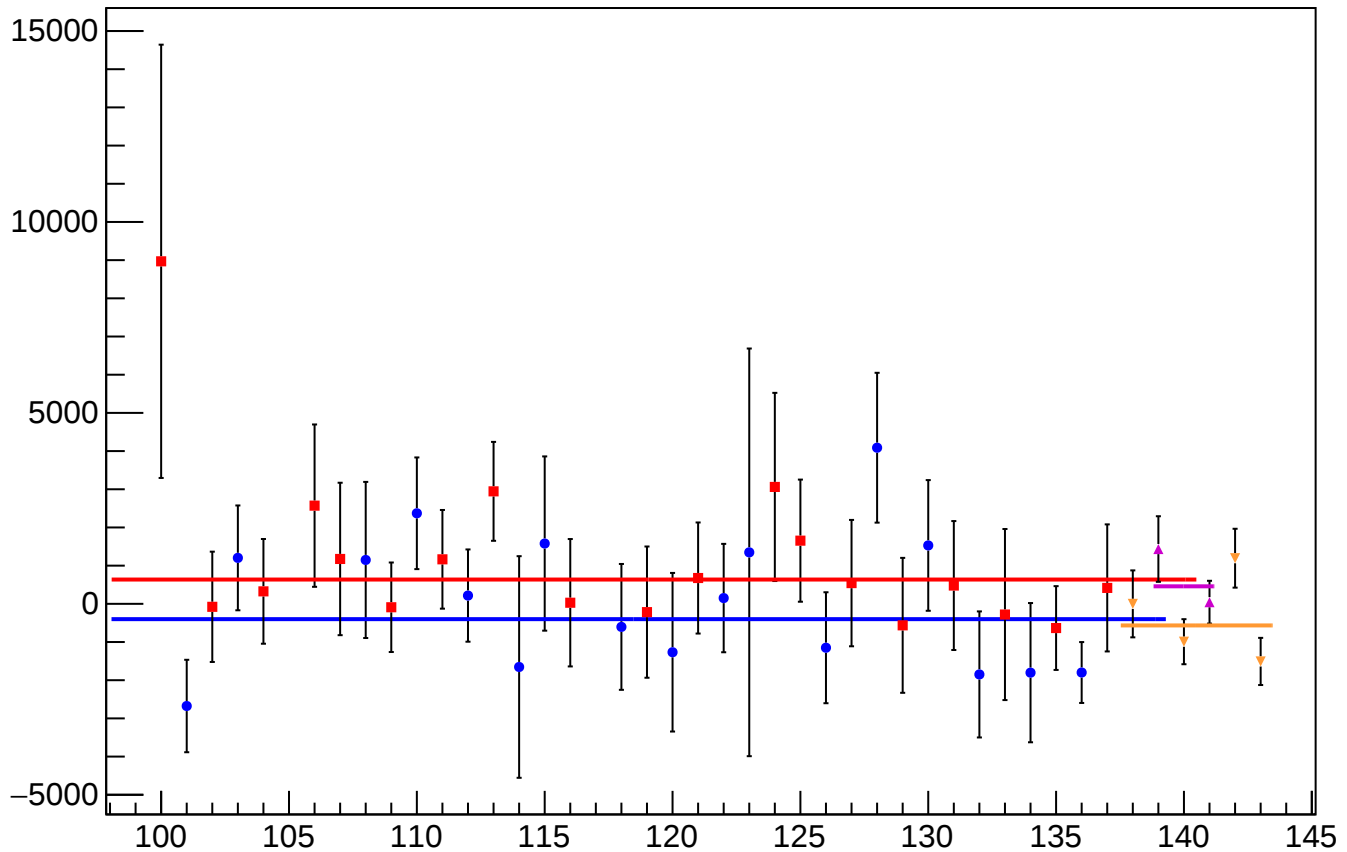
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 79.602 $\pm$ 0.020 χ^2 /NDF: 449969.8/18

Out: 82.003 $\pm$ 0.019 χ^2 /NDF: 611775.5/22

All: 80.851 $\pm$ 0.014 χ^2 /NDF: 1069294.4/41

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -565.614 $\pm$ 343.369 χ^2 /NDF:8.5/3

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 458.574 $\pm$ 469.306 χ^2 /NDF:1.8/1

Left: -208.512 $\pm$ 277.116 χ^2 /NDF: 13.4/5

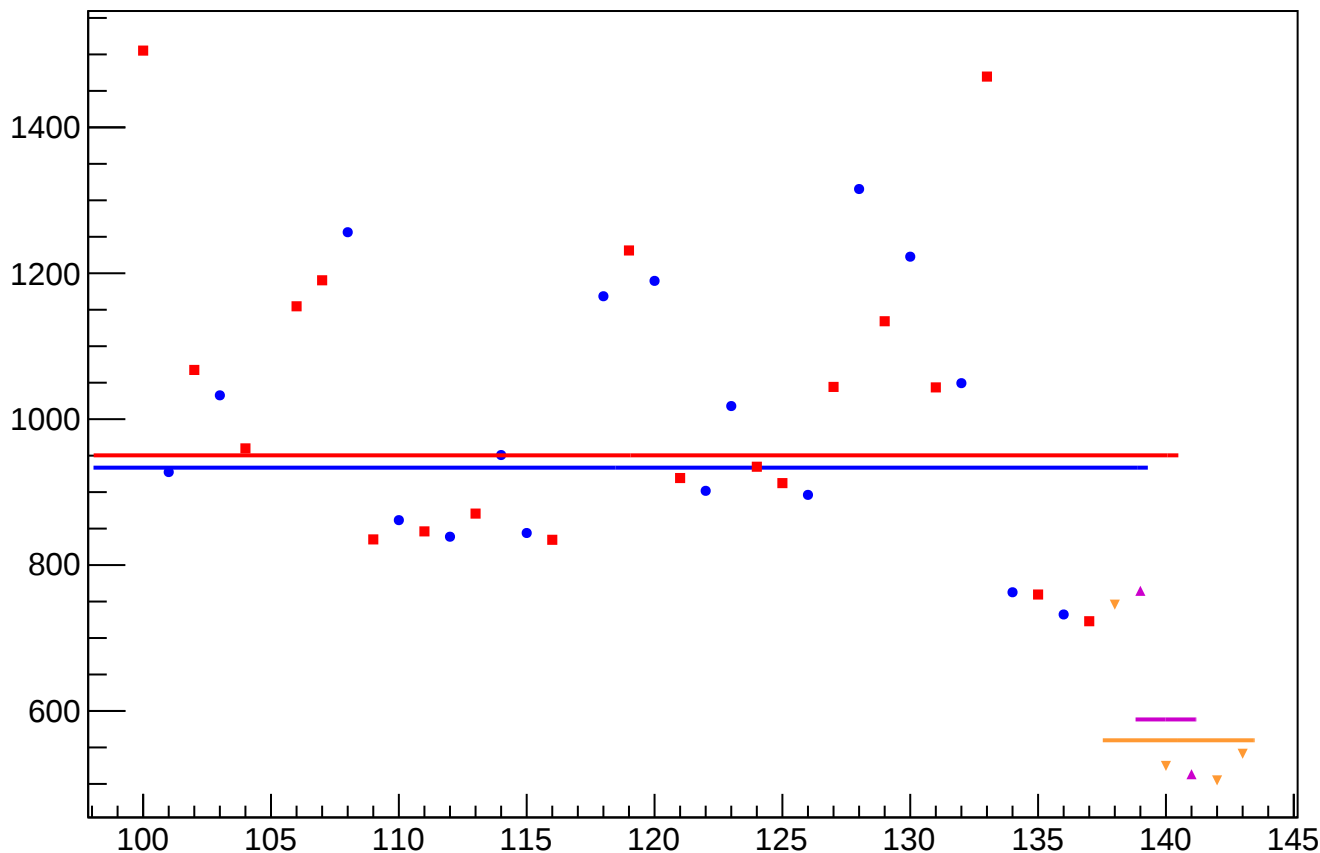
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: -73.214 $\pm$ 289.821 χ^2 /NDF:25.8/18

Out: 2.014 $\pm$ 249.425 χ^2 /NDF:25.1/22

All: -29.996 $\pm$ 189.052 χ^2 /NDF: 51.0/41

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 559.799+/-0.243 χ^2/NDF :109022.3/3

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 588.374+/-0.332 χ^2/NDF :120192.6/1

Left: 569.762+/-0.196 χ^2/NDF : 234044.4/5

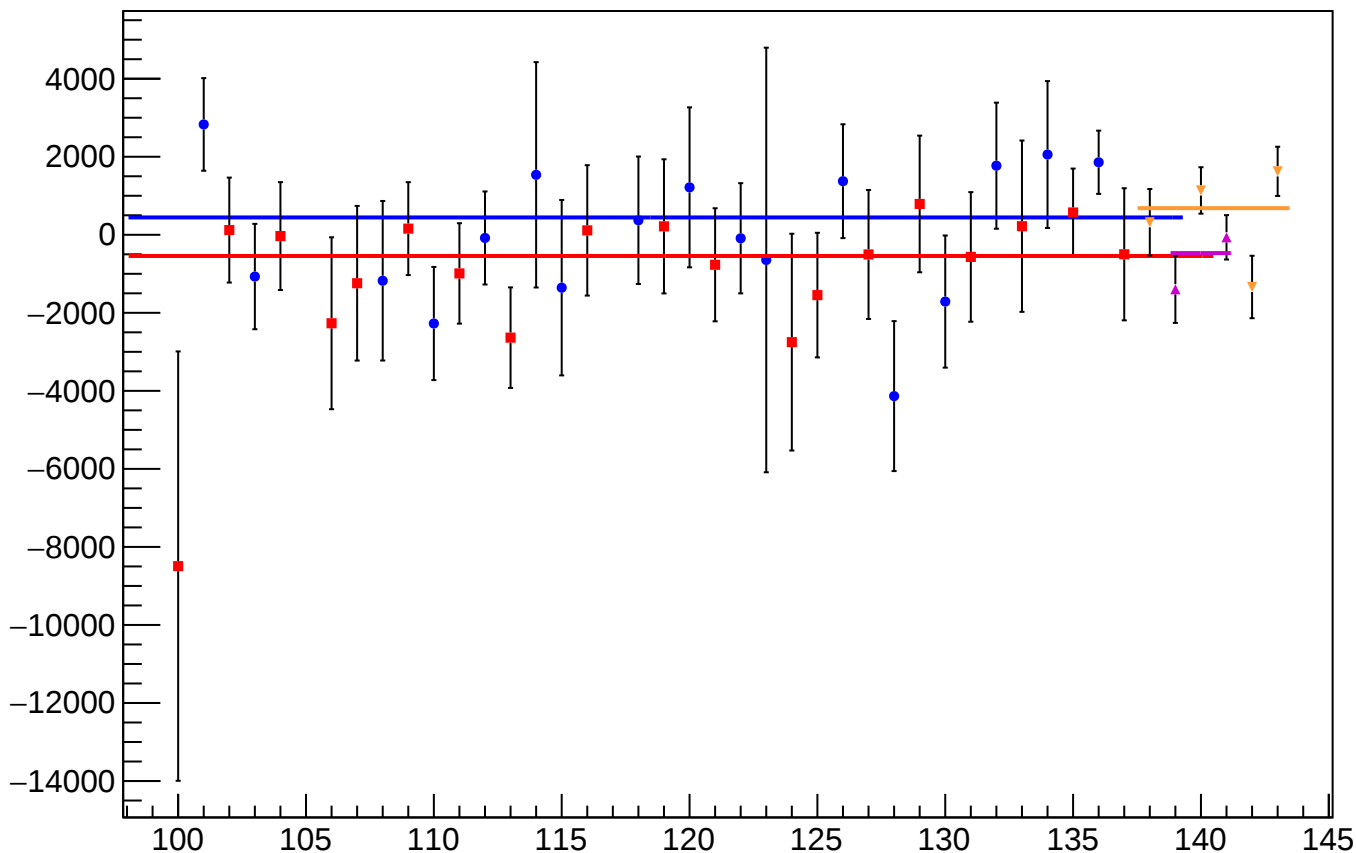
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 801.898+/-0.205 χ^2/NDF :1231751.0/18

Out: 744.299+/-0.176 χ^2/NDF :1755886.9/22

All: 768.808+/-0.134 χ^2/NDF : 3033020.4/41

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 682.624+/-347.622 χ^2/NDF : 9.4/3

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: 280.572+/-280.431 χ^2/NDF : 14.9/5

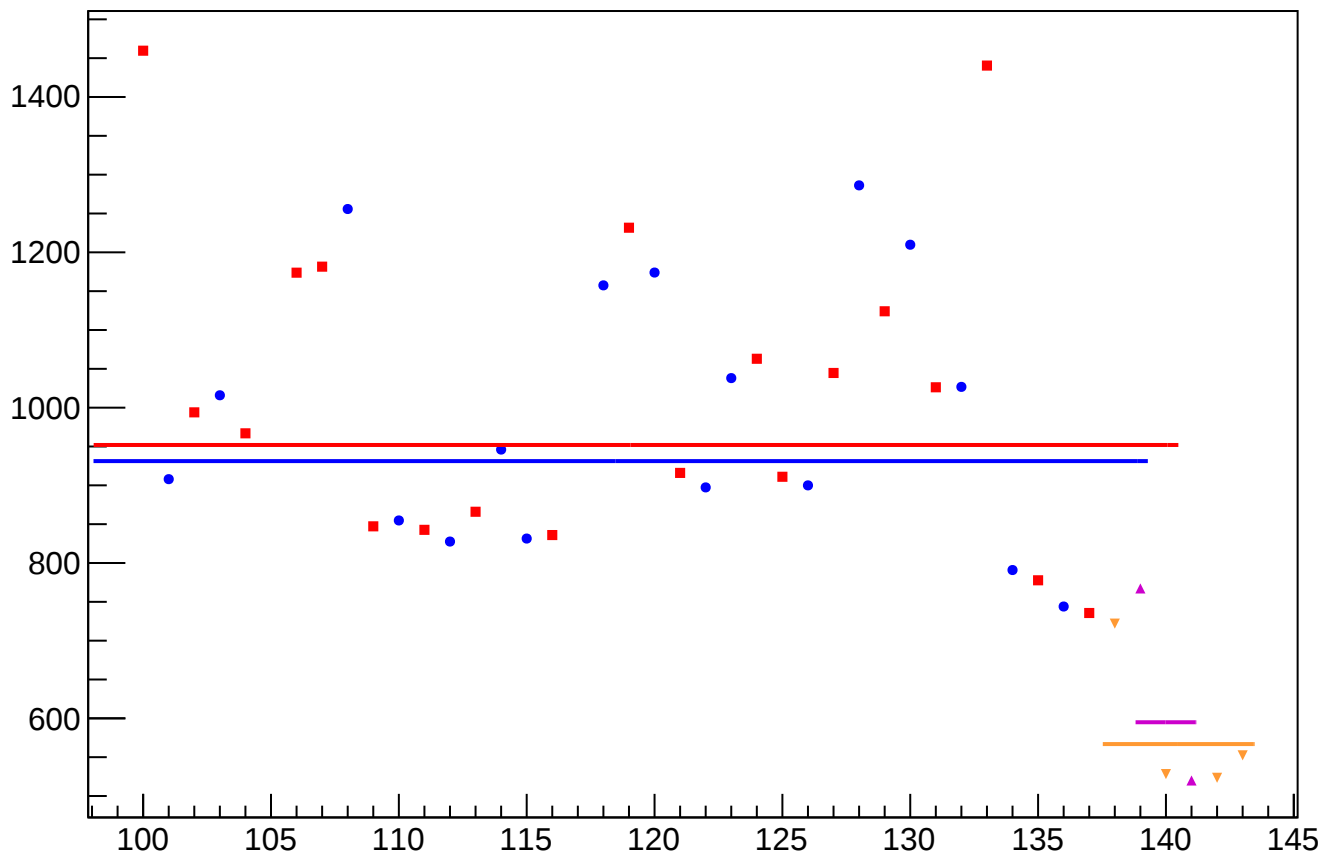
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 102.729+/-290.360 χ^2/NDF : 26.9/18

Out: 96.844+/-251.171 χ^2/NDF : 24.7/22

All: 99.363+/-189.961 χ^2/NDF : 51.6/41

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 566.870 $\pm$ 0.246 χ^2 /NDF:81570.2/3

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 594.963 $\pm$ 0.336 χ^2 /NDF:114727.4/1

Left: 576.680 $\pm$ 0.198 χ^2 /NDF: 200859.2/5

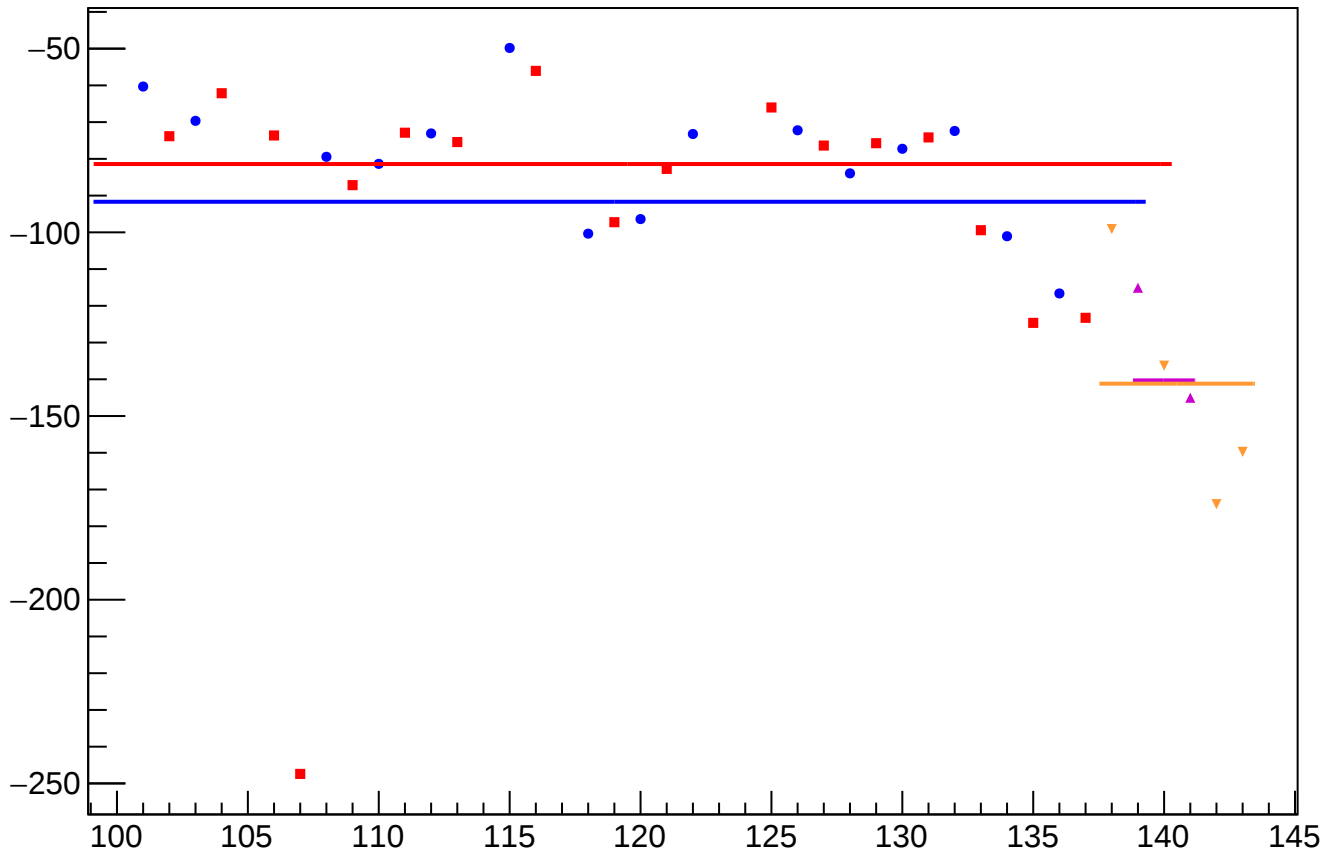
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 805.320 $\pm$ 0.205 χ^2 /NDF:1143144.4/18

Out: 750.919 $\pm$ 0.178 χ^2 /NDF:1637267.4/22

All: 774.203 $\pm$ 0.134 χ^2 /NDF: 2820568.3/41

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -141.190 ± 0.237 χ^2/NDF : 6733.0/3

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -140.302 ± 0.160 χ^2/NDF : 4649.5/1

Left: -140.580 ± 0.133 χ^2/NDF : 11392.2/5

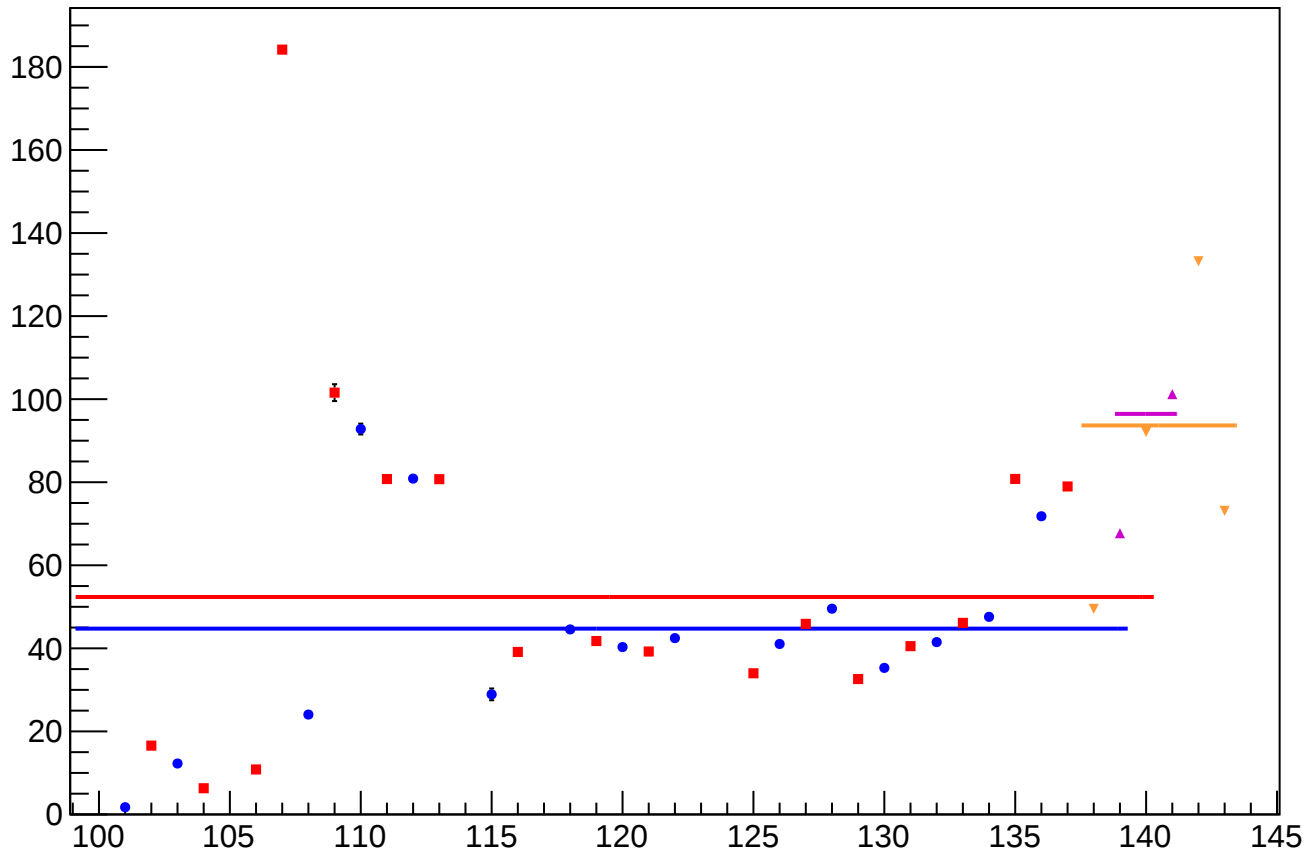
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -99.520 ± 0.064 χ^2/NDF : 146781.3/16

Out: -90.212 ± 0.091 χ^2/NDF : 102736.0/20

All: -96.421 ± 0.052 χ^2/NDF : 256508.9/37

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 93.675+/-0.252 χ^2/NDF : 7182.3/3

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: 95.650+/-0.135 χ^2/NDF : 12586.1/5

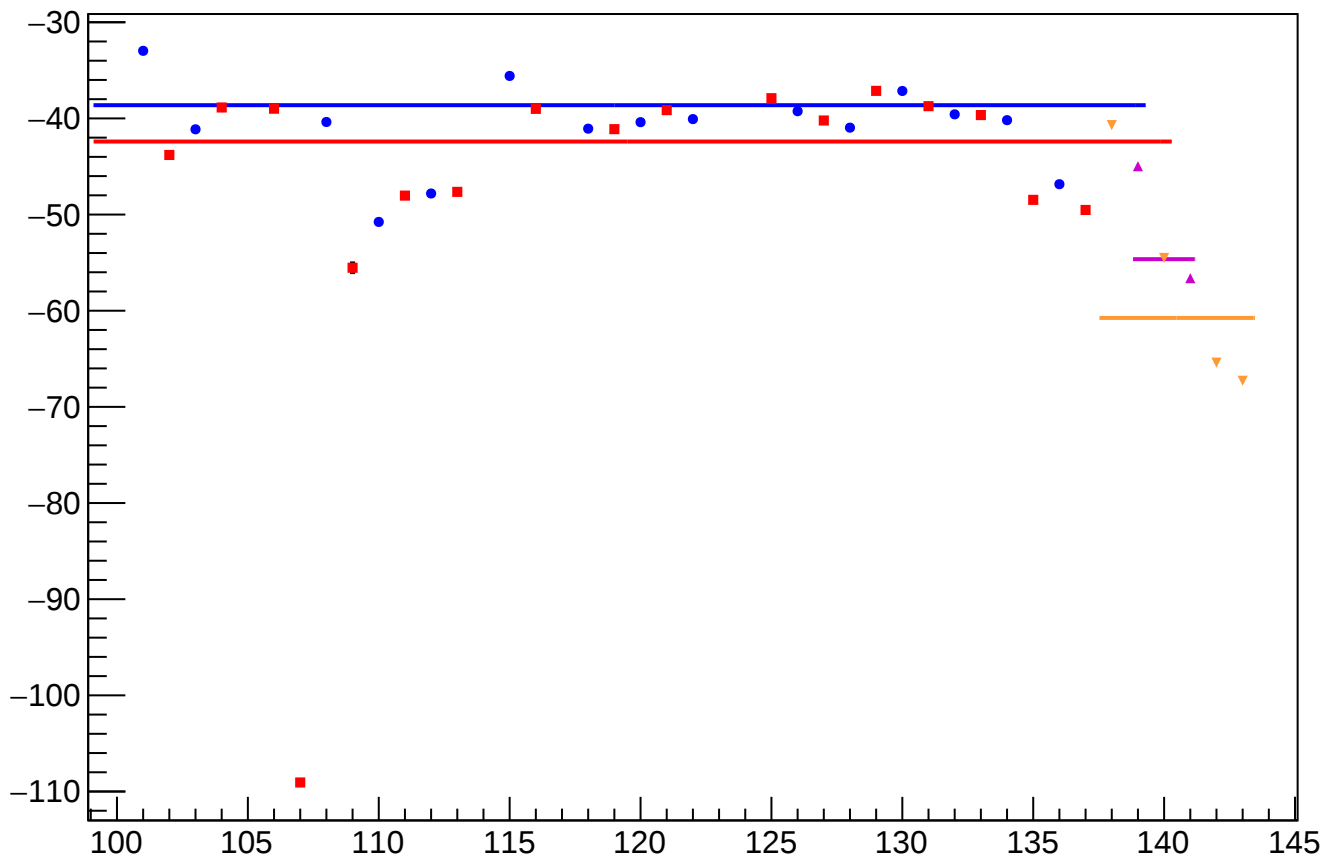
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 51.201+/-0.057 χ^2/NDF : 181012.2/16

Out: 59.257+/-0.103 χ^2/NDF : 98931.8/20

All: 53.080+/-0.050 χ^2/NDF : 284657.9/37

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -60.747 ± 0.052 $\chi^2/\text{NDF}: 20742.9/3$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -54.638 ± 0.046 $\chi^2/\text{NDF}: 8933.6/1$

Left: -57.352 ± 0.034 $\chi^2/\text{NDF}: 37428.5/5$

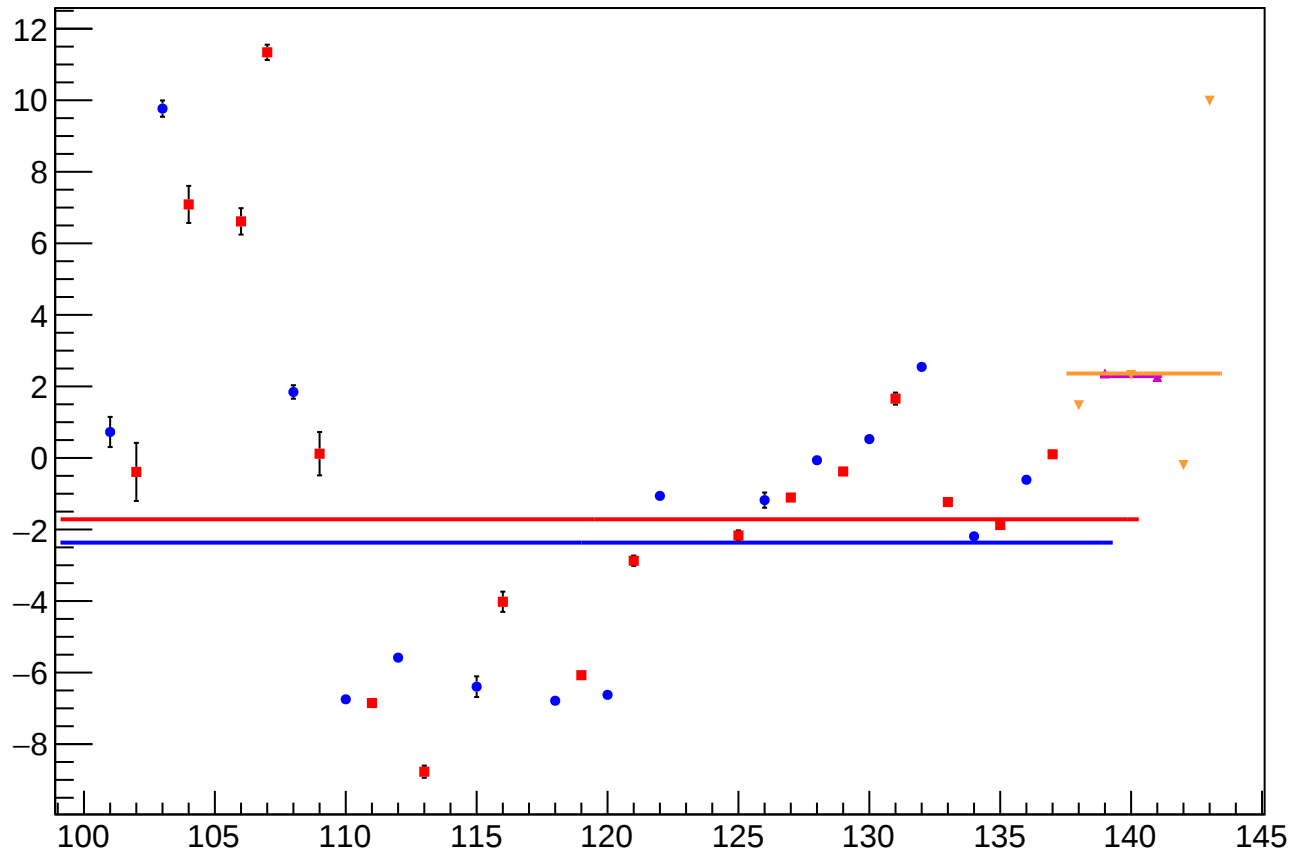
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.121 ± 0.008 $\chi^2/\text{NDF}: 365242.7/16$

Out: -45.062 ± 0.020 $\chi^2/\text{NDF}: 397397.9/20$

All: -39.989 ± 0.008 $\chi^2/\text{NDF}: 840434.3/37$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.361 ± 0.031 $\chi^2/\text{NDF}: 4703.6/3$

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: 2.312 ± 0.018 $\chi^2/\text{NDF}: 4710.8/5$

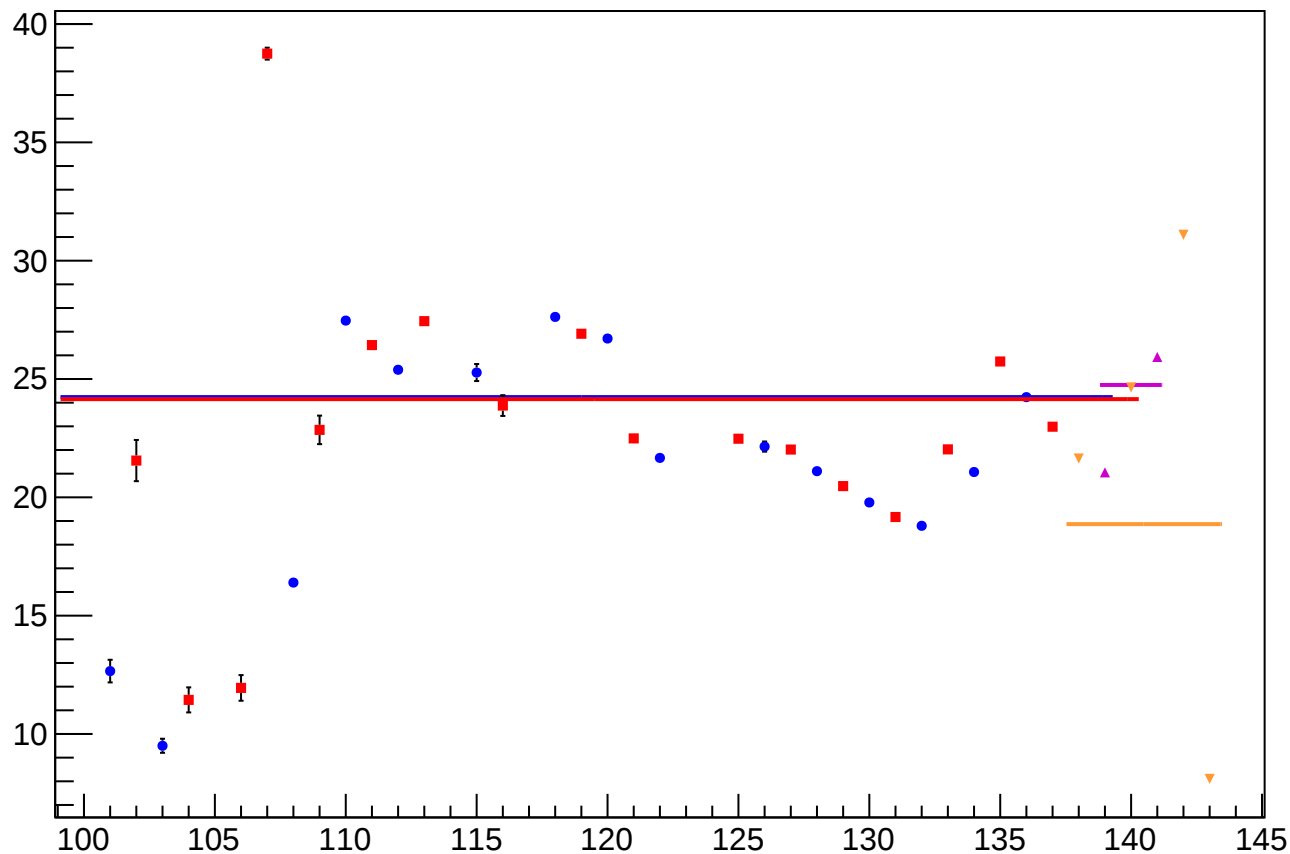
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -0.994 ± 0.012 $\chi^2/\text{NDF}: 61060.1/16$

Out: 0.013 ± 0.020 $\chi^2/\text{NDF}: 27087.7/20$

All: -0.743 ± 0.010 $\chi^2/\text{NDF}: 89960.1/37$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 18.868+/-0.049 χ^2/NDF :30434.0/3

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: 22.577+/-0.030 χ^2/NDF : 42792.9/5

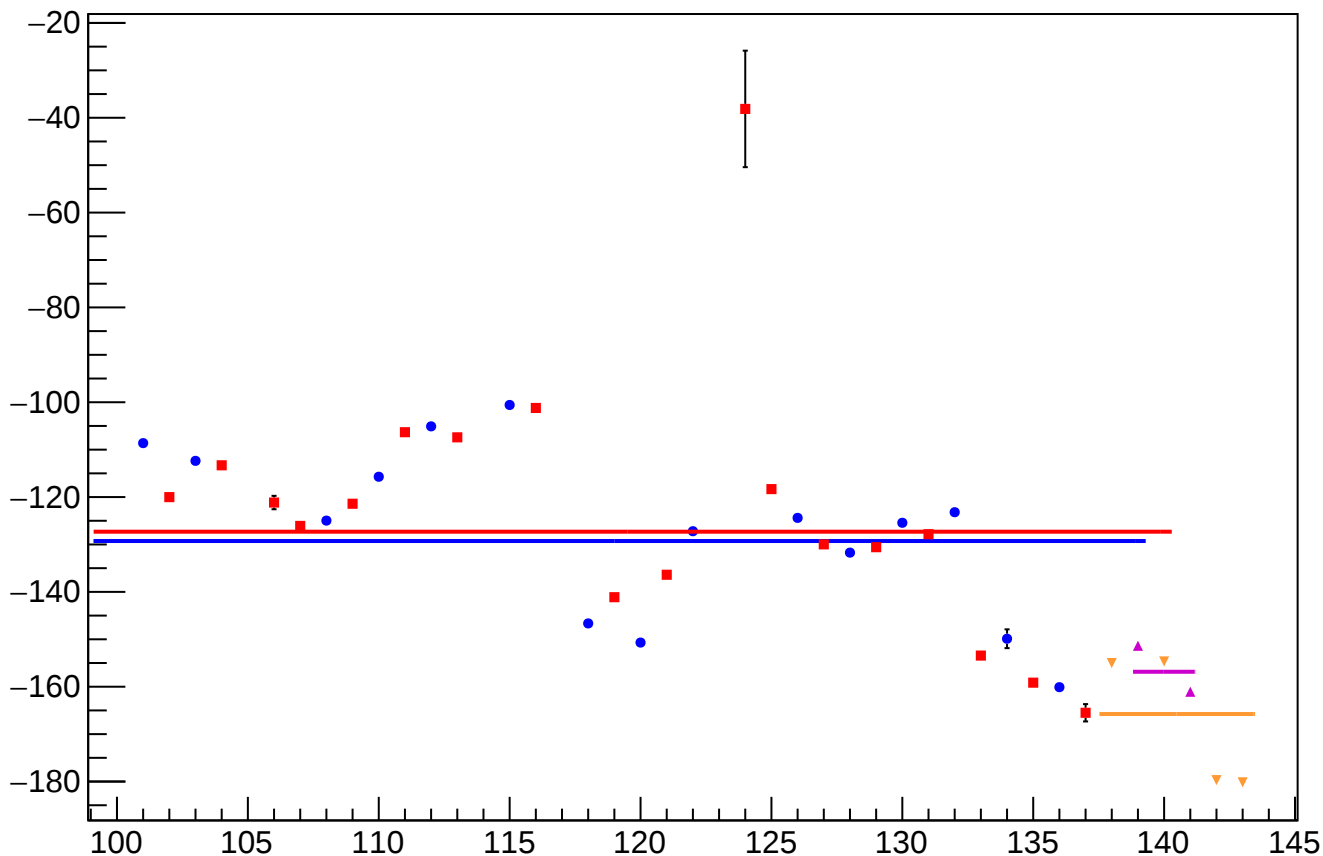
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 24.368+/-0.019 χ^2/NDF :25188.9/16

Out: 23.091+/-0.022 χ^2/NDF :53075.0/20

All: 23.818+/-0.014 χ^2/NDF : 80218.5/37

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -165.761 ± 0.139 χ^2/NDF : 7995.0/3

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: -162.157 ± 0.107 χ^2/NDF : 10471.5/5

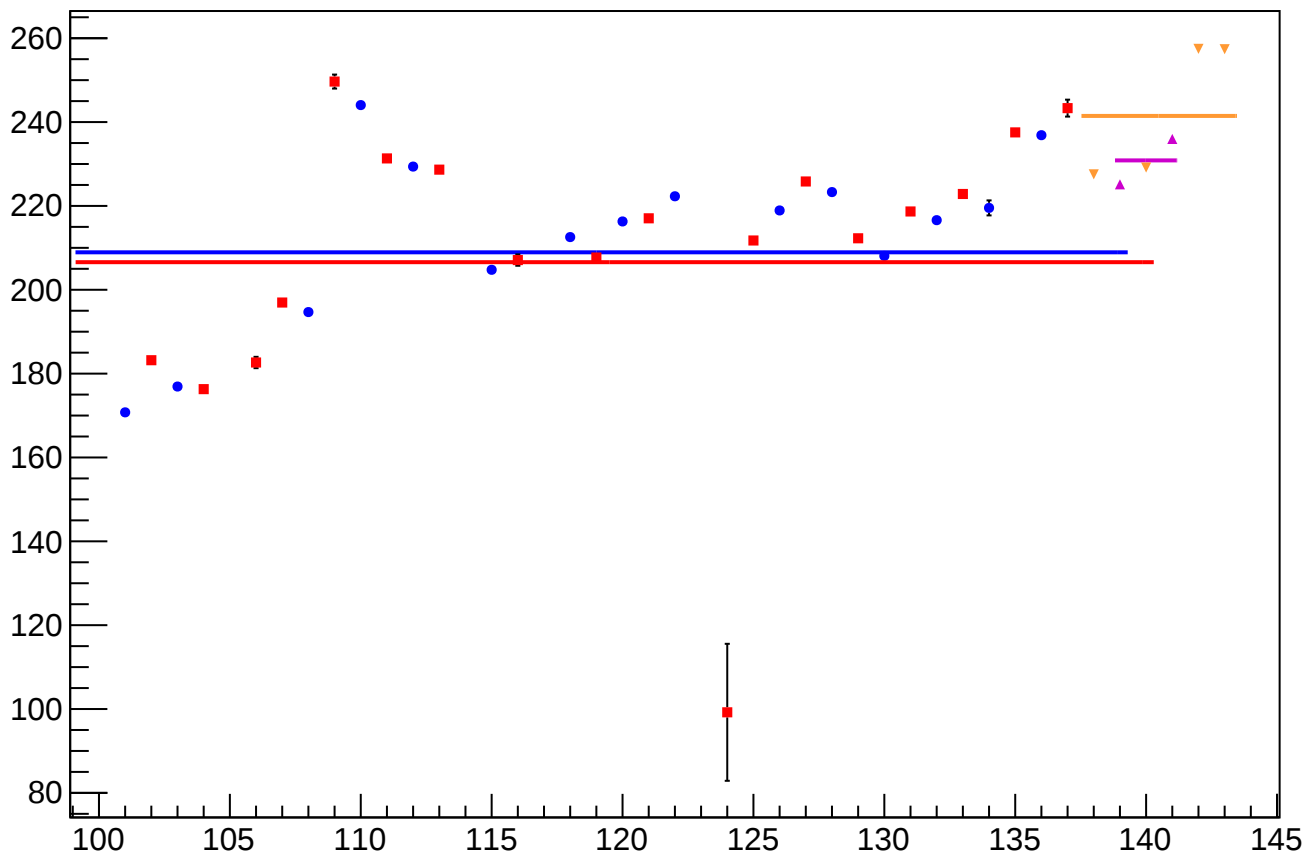
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -135.148 ± 0.078 χ^2/NDF : 56951.6/16

Out: -137.657 ± 0.072 χ^2/NDF : 93601.8/21

All: -136.499 ± 0.053 χ^2/NDF : 151112.4/38

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 241.467 $\pm$ 0.140 χ^2/NDF :10765.0/3

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: 236.690 $\pm$ 0.104 χ^2/NDF : 14562.9/5

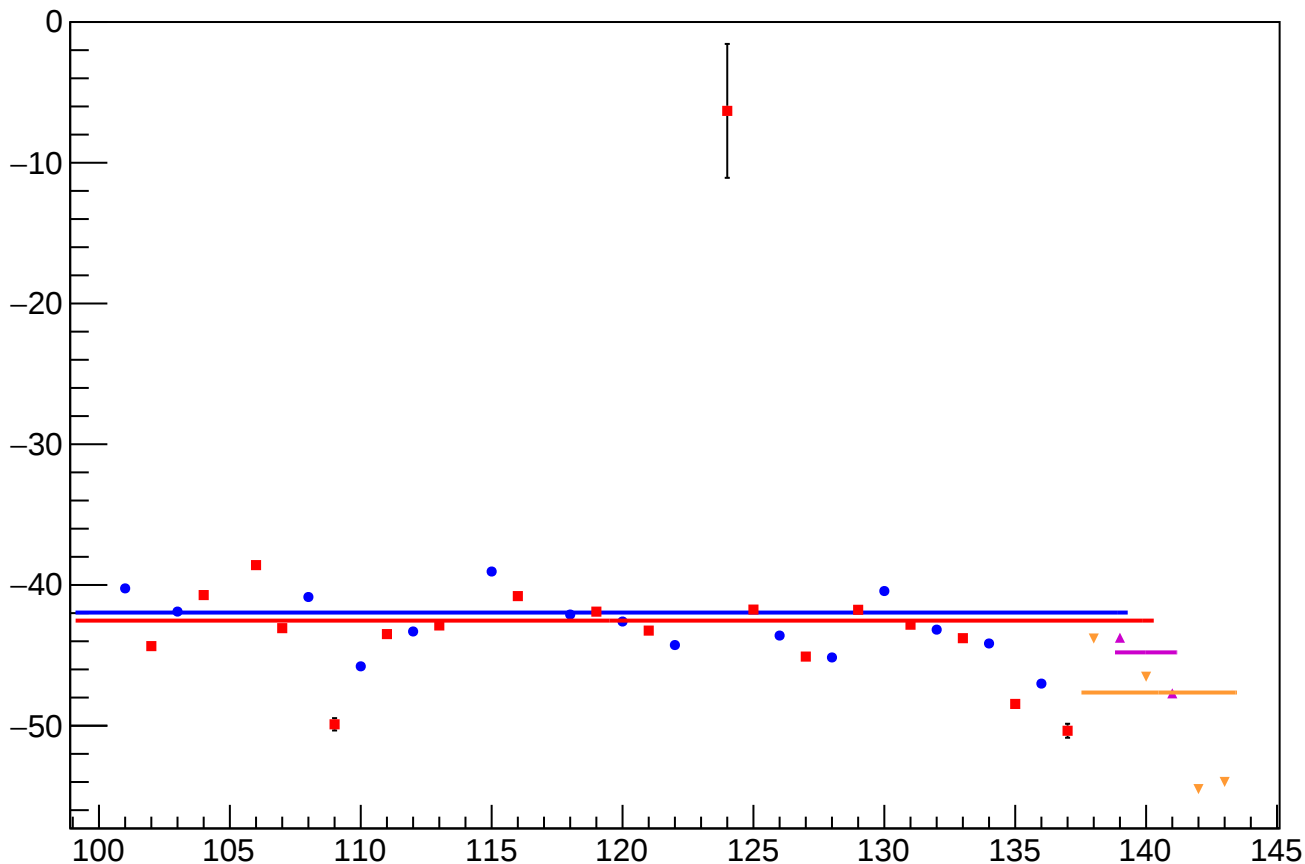
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 214.397 $\pm$ 0.077 χ^2/NDF :60954.5/16

Out: 215.670 $\pm$ 0.072 χ^2/NDF :104796.4/21

All: 215.082 $\pm$ 0.053 χ^2/NDF : 165897.0/38

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -47.642 ± 0.025 $\chi^2/\text{NDF}: 33693.3/3$

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: -46.128 ± 0.017 $\chi^2/\text{NDF}: 46429.6/5$

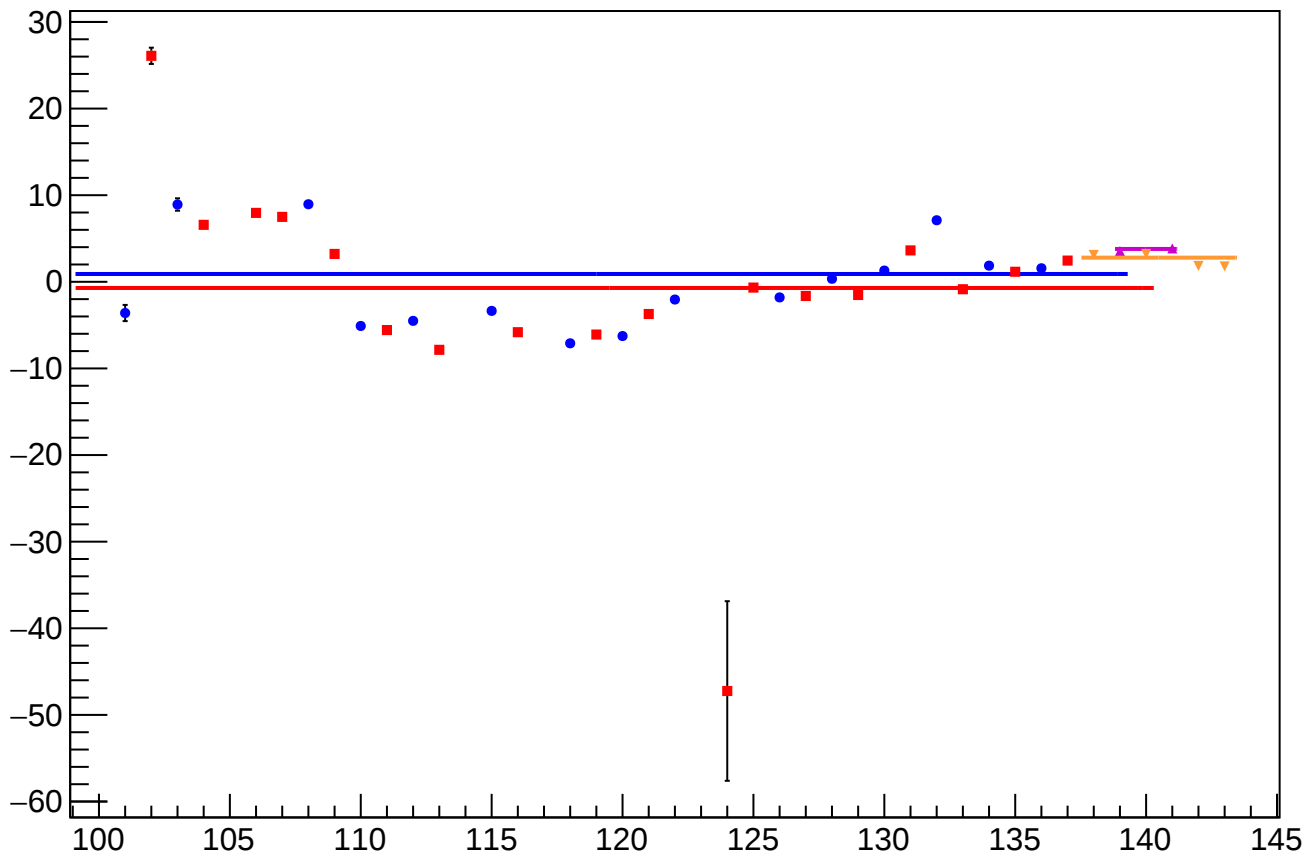
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -42.842 ± 0.013 $\chi^2/\text{NDF}: 40126.5/16$

Out: -44.637 ± 0.016 $\chi^2/\text{NDF}: 65049.5/21$

All: -43.561 ± 0.010 $\chi^2/\text{NDF}: 112880.3/38$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 2.790 ± 0.024 $\chi^2/\text{NDF}: 714.3/3$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.794 ± 0.025 $\chi^2/\text{NDF}: 23.3/1$

Left: 3.271 ± 0.017 $\chi^2/\text{NDF}: 1577.6/5$

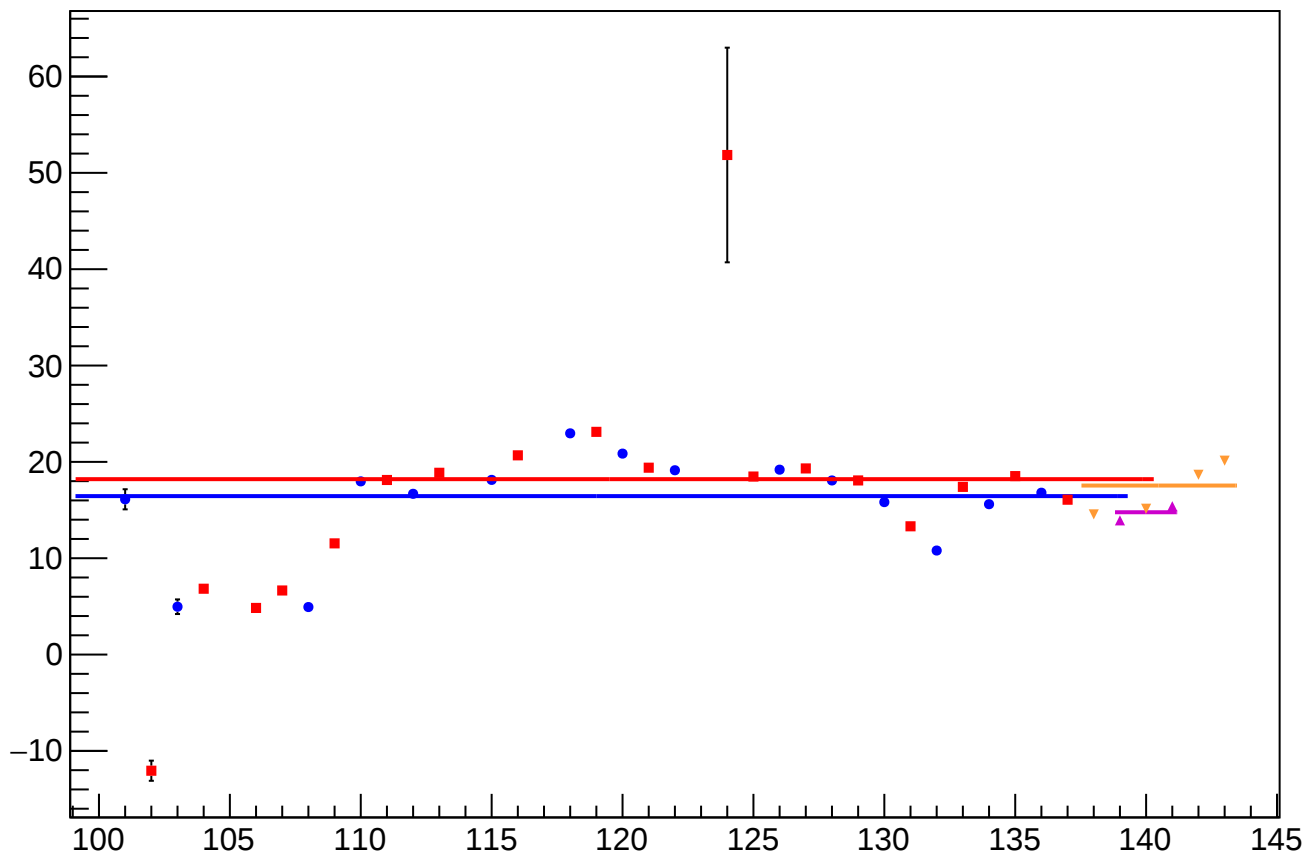
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.034 ± 0.016 $\chi^2/\text{NDF}: 29299.8/16$

Out: 1.062 ± 0.017 $\chi^2/\text{NDF}: 41949.3/21$

All: 1.590 ± 0.012 $\chi^2/\text{NDF}: 73012.5/38$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 17.544 ± 0.028 $\chi^2/\text{NDF}: 7211.3/3$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 14.772 ± 0.031 $\chi^2/\text{NDF}: 537.7/1$

Left: 16.305 ± 0.021 $\chi^2/\text{NDF}: 12076.9/5$

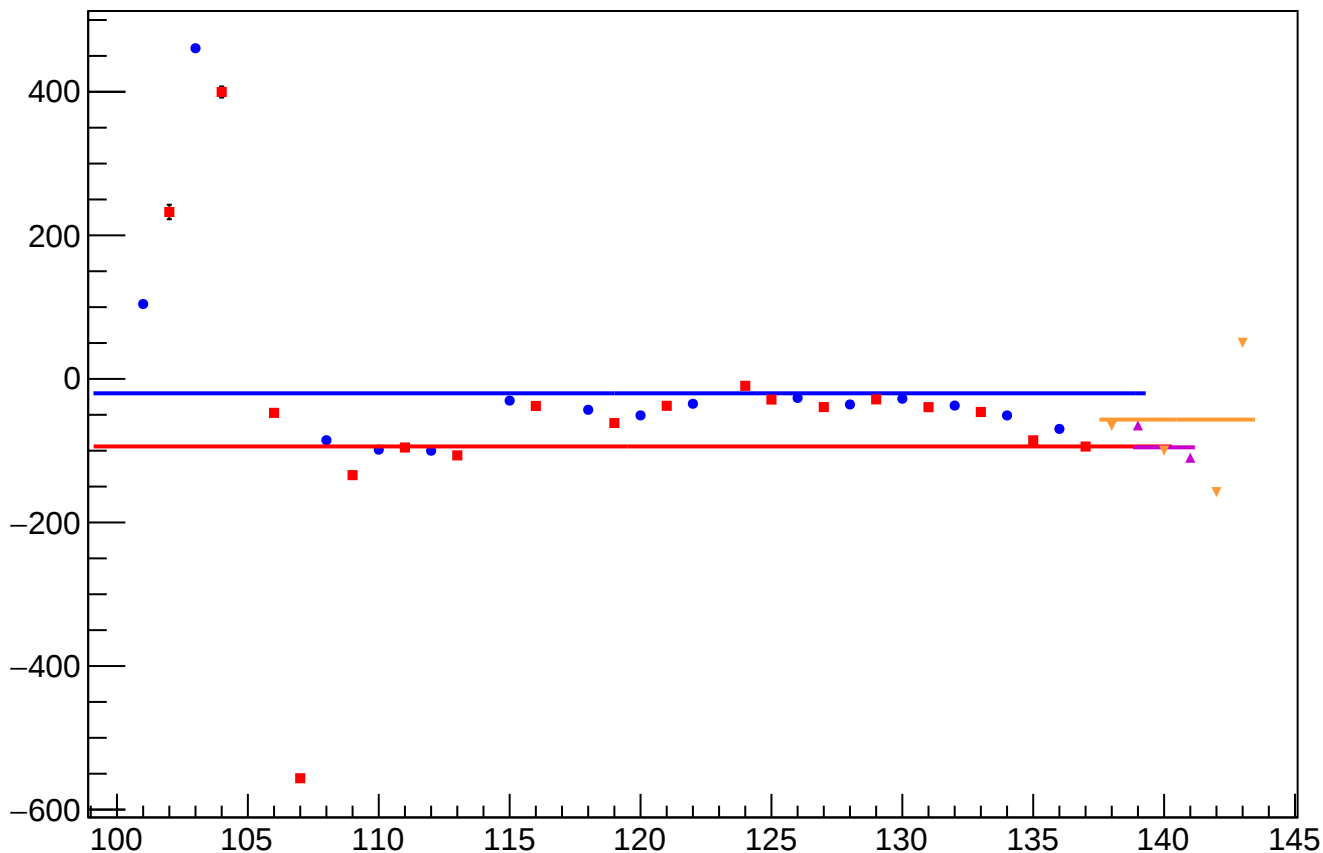
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 15.815 ± 0.019 $\chi^2/\text{NDF}: 16499.6/16$

Out: 17.978 ± 0.017 $\chi^2/\text{NDF}: 35067.4/21$

All: 17.060 ± 0.013 $\chi^2/\text{NDF}: 58831.9/38$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -56.652 ± 0.277 $\chi^2/\text{NDF}: 39131.4/3$

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: -69.687 ± 0.225 $\chi^2/\text{NDF}: 48656.7/5$

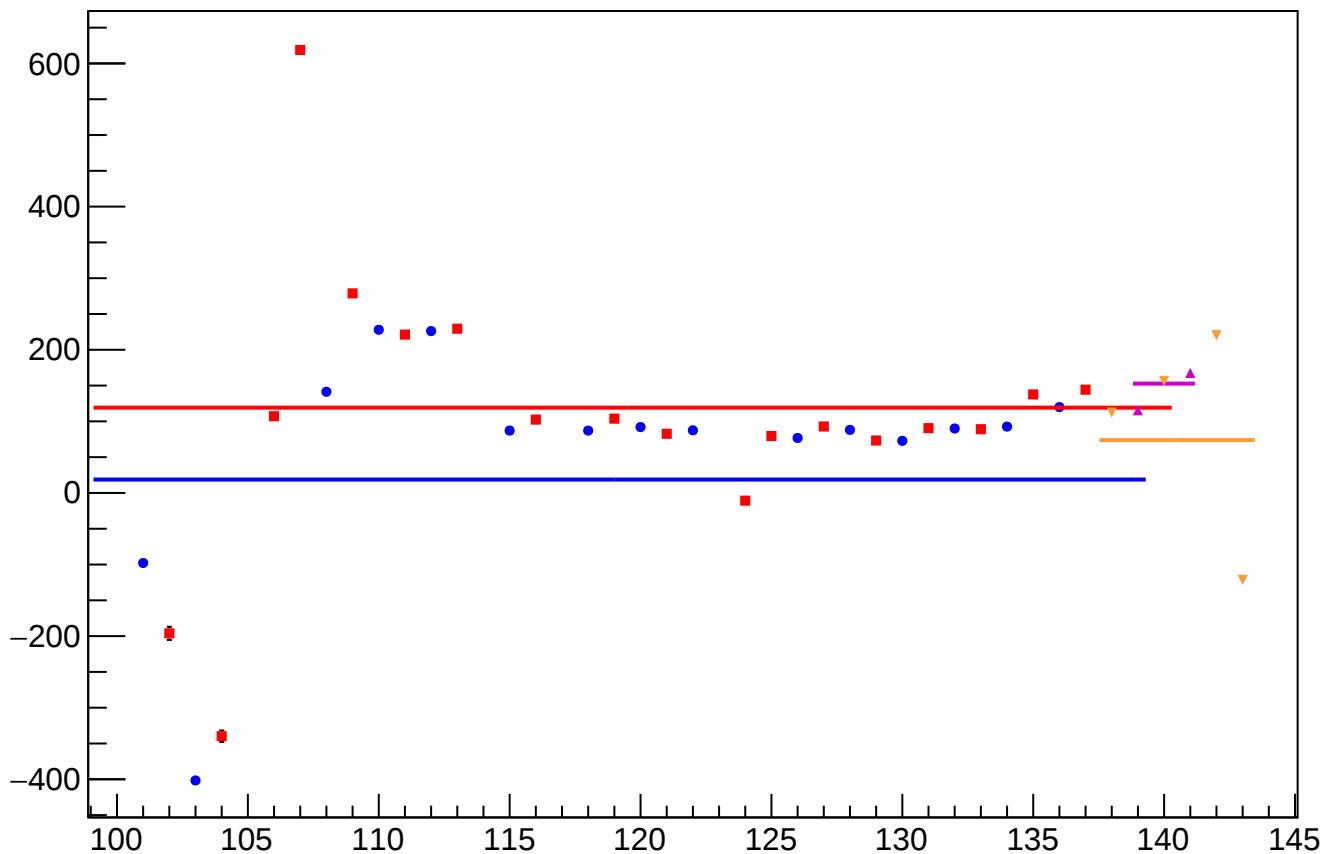
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -30.207 ± 0.142 $\chi^2/\text{NDF}: 476963.7/16$

Out: -93.975 ± 0.012 $\chi^2/\text{NDF}: 144855.7/21$

All: -93.494 ± 0.012 $\chi^2/\text{NDF}: 820706.3/38$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 73.807+/-0.273 χ^2/NDF : 155535.8/3

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: 101.475+/-0.220 χ^2/NDF : 188758.0/5

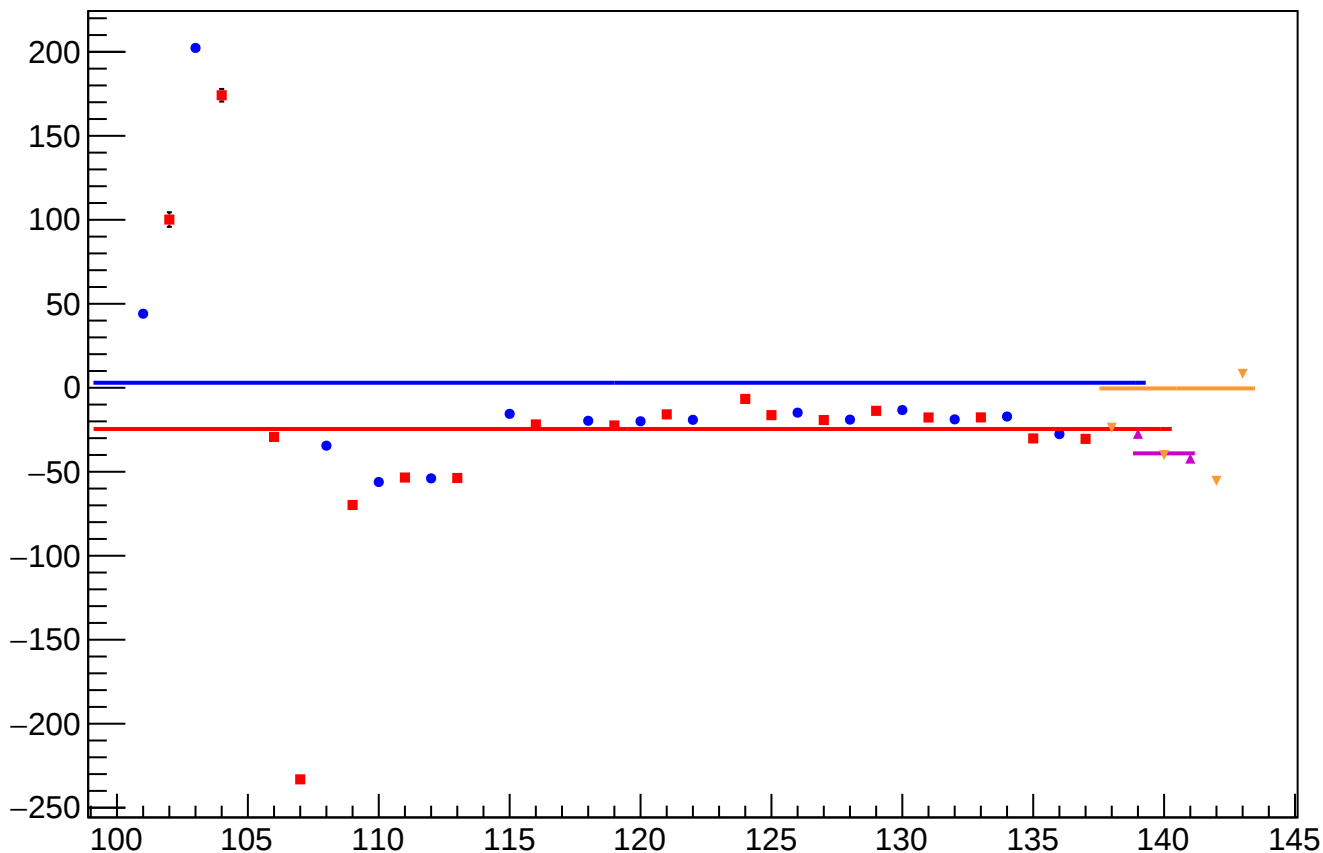
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 37.902+/-0.141 χ^2/NDF : 1216903.0/16

Out: 103.434+/-0.161 χ^2/NDF : 260961.7/21

All: 66.290+/-0.106 χ^2/NDF : 1571731.1/38

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -0.375 ± 0.034 χ^2/NDF : 255559.9/3

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: -8.351 ± 0.030 χ^2/NDF : 533855.7/5

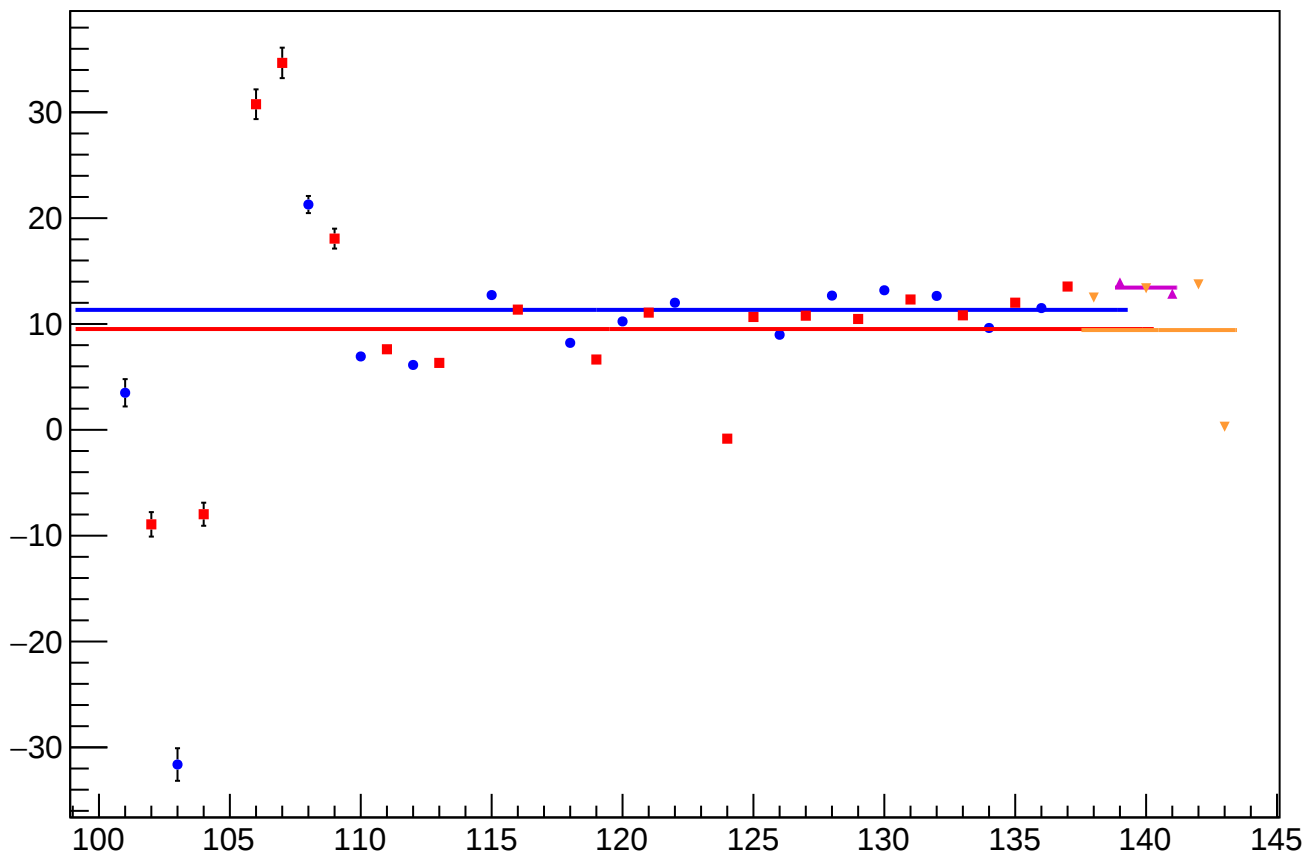
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -2.947 ± 0.025 χ^2/NDF : 3850243.9/16

Out: -9.435 ± 0.027 χ^2/NDF : 623688.1/21

All: -5.965 ± 0.018 χ^2/NDF : 4505477.9/38

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334+/-0.037 χ^2/NDF : 2406.0/14

Left Out: 9.426+/-0.039 χ^2/NDF : 23179.5/3

Right Out: 9.524+/-0.048 χ^2/NDF : 4066.9/17

Left In: 13.439+/-0.058 χ^2/NDF : 85.4/1

Left: 10.673+/-0.032 χ^2/NDF : 26617.3/5

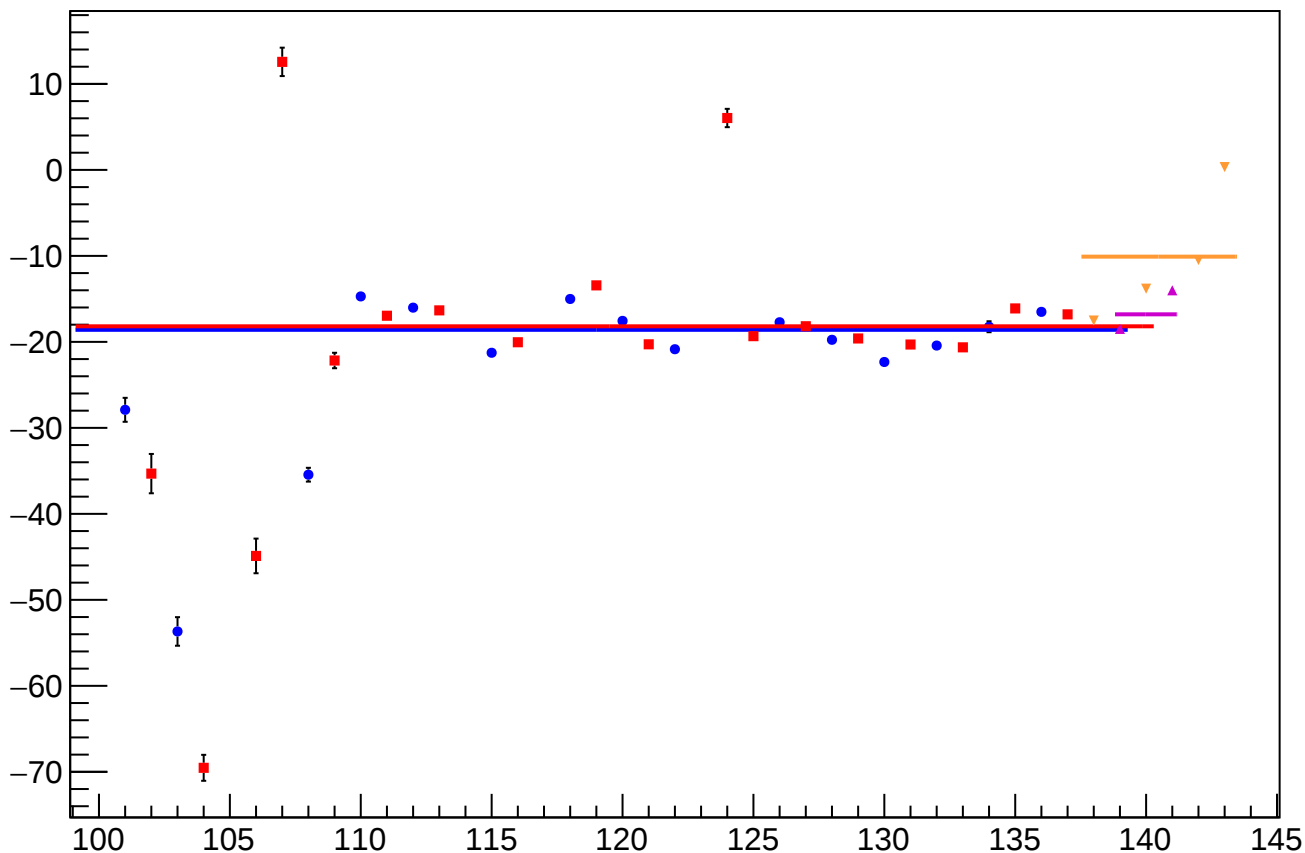
Right: 10.651+/-0.029 χ^2/NDF : 7358.3/32

In: 11.959+/-0.031 χ^2/NDF : 3432.6/16

Out: 9.465+/-0.030 χ^2/NDF : 27248.9/21

All: 10.661+/-0.022 χ^2/NDF : 33975.8/38

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -10.088 ± 0.052 $\chi^2/\text{NDF}: 15832.8/3$

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: -11.971 ± 0.044 $\chi^2/\text{NDF}: 21275.8/5$

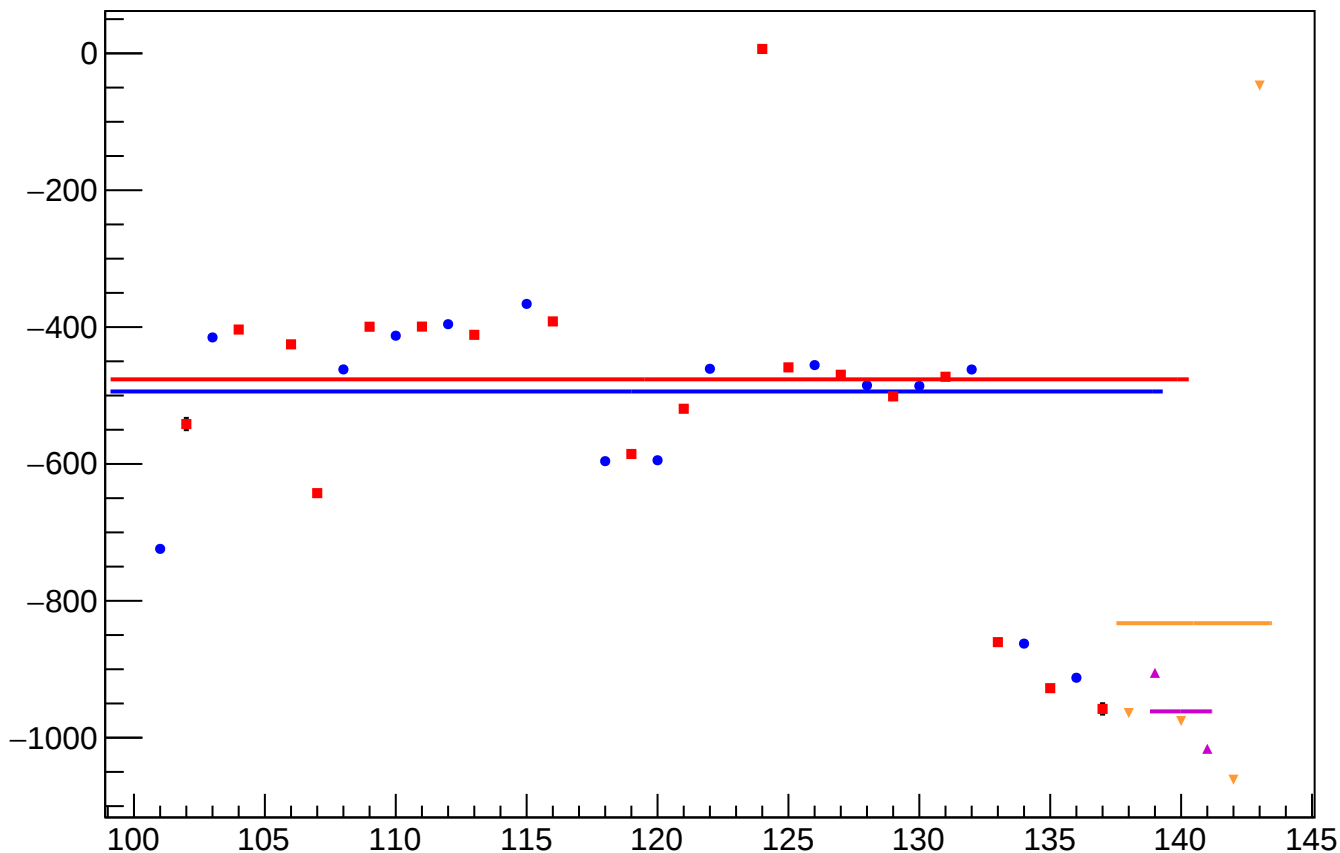
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -18.293 ± 0.034 $\chi^2/\text{NDF}: 7279.5/16$

Out: -14.309 ± 0.036 $\chi^2/\text{NDF}: 33569.7/21$

All: -16.404 ± 0.025 $\chi^2/\text{NDF}: 47402.6/38$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081+/-0.232 χ^2/NDF : 325996.5/14

Left Out: -832.683+/-0.698 χ^2/NDF : 262713.8/3

Right Out: -476.348+/-0.185 χ^2/NDF : 594116.3/17

Left In: -961.556+/-0.732 χ^2/NDF : 5740.1/1

Left: -894.075+/-0.505 χ^2/NDF : 284669.9/5

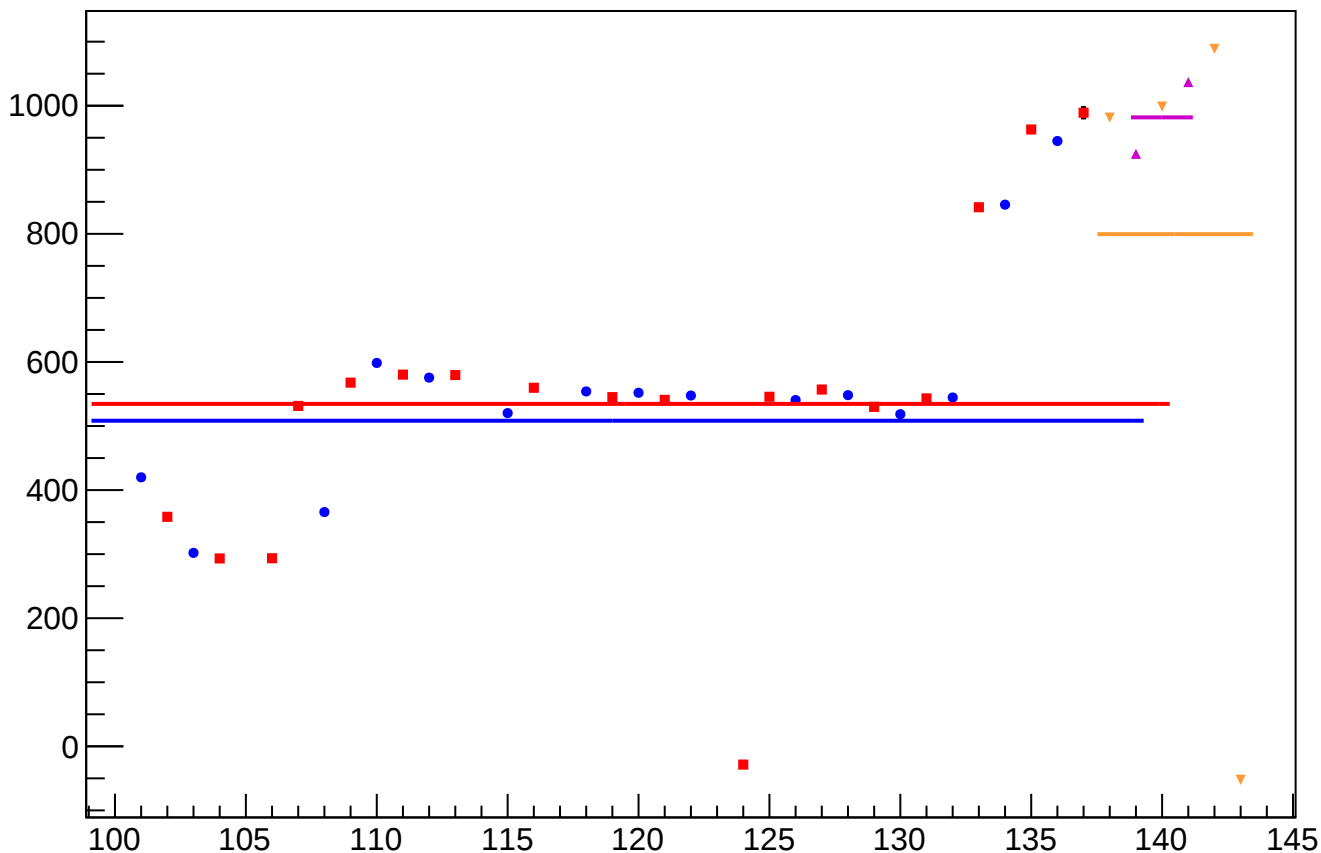
Right: -483.243+/-0.145 χ^2/NDF : 923680.3/32

In: -536.752+/-0.221 χ^2/NDF : 702031.2/16

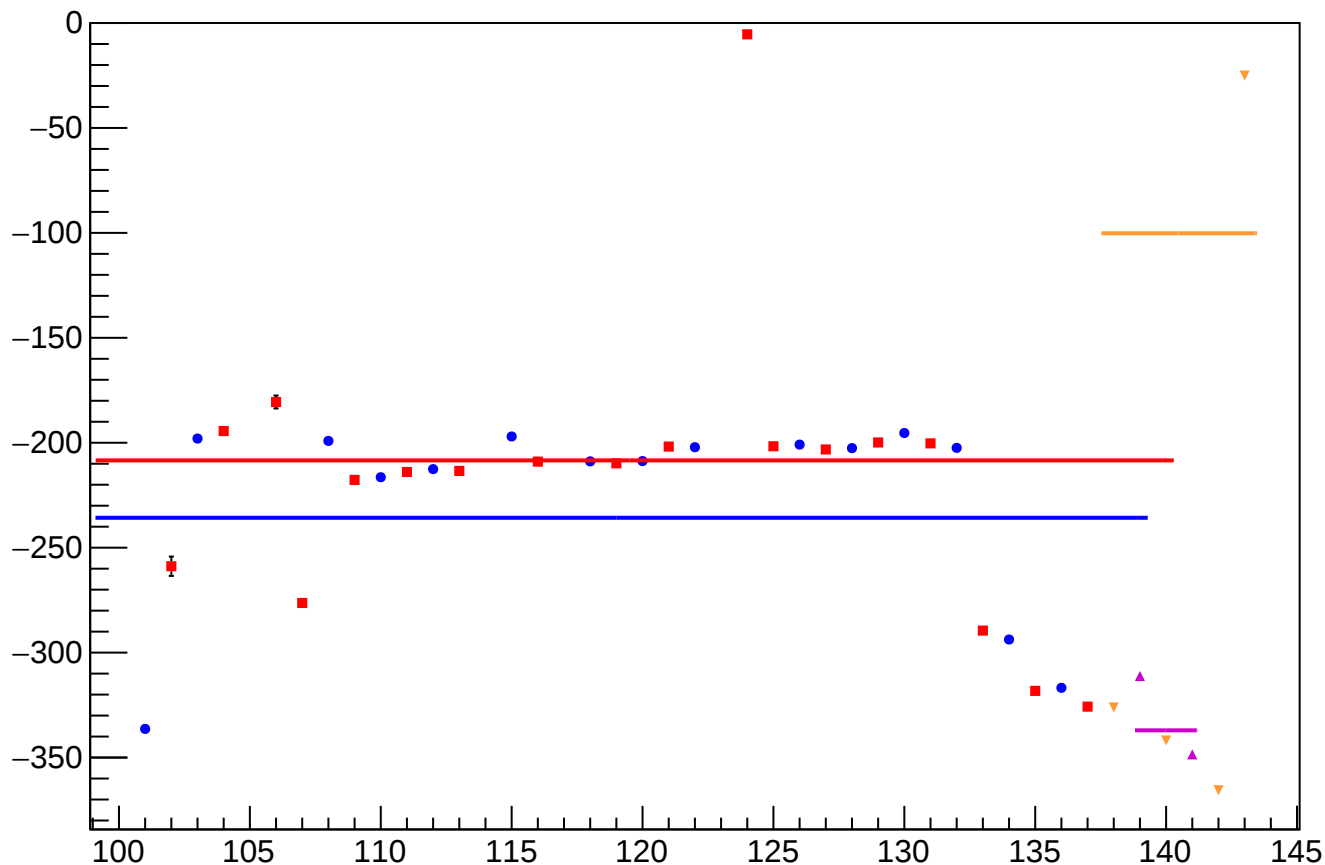
Out: -499.736+/-0.179 χ^2/NDF : 1099996.1/21

All: -514.375+/-0.139 χ^2/NDF : 1818948.2/38

dit_atl2_4eX_slope vs Slug, Sign Corrected



dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -100.186 ± 0.091 $\chi^2/\text{NDF}: 2220045.4/3$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -337.032 ± 0.110 $\chi^2/\text{NDF}: 24646.5/1$

Left: -196.536 ± 0.070 $\chi^2/\text{NDF}: 5009075.8/5$

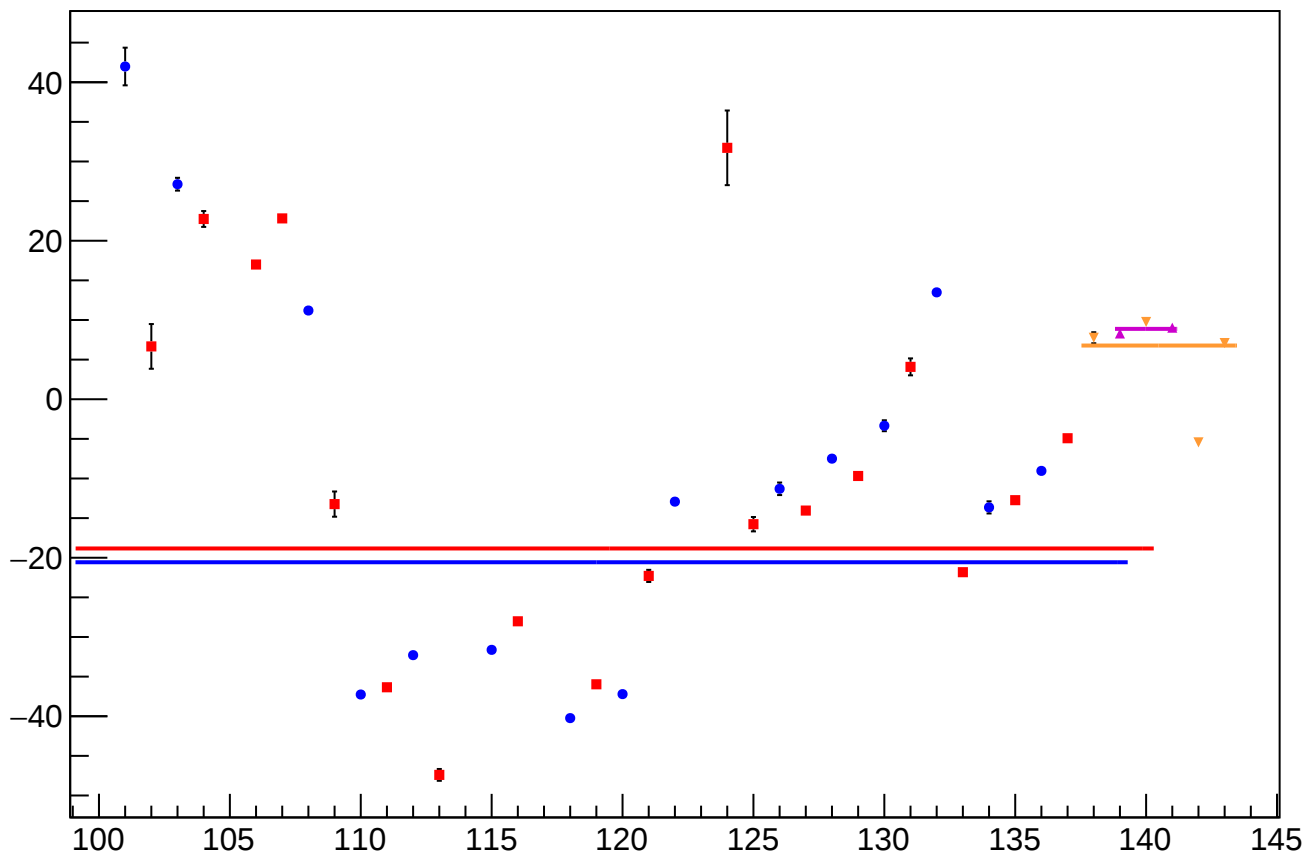
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -256.222 ± 0.049 $\chi^2/\text{NDF}: 1580813.1/16$

Out: -185.761 ± 0.042 $\chi^2/\text{NDF}: 3716969.0/21$

All: -215.019 ± 0.032 $\chi^2/\text{NDF}: 6490947.2/38$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 6.777 ± 0.107 $\chi^2/\text{NDF}: 1643.1/3$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 8.879 ± 0.095 $\chi^2/\text{NDF}: 9.8/1$

Left: 7.954 ± 0.071 $\chi^2/\text{NDF}: 1870.2/5$

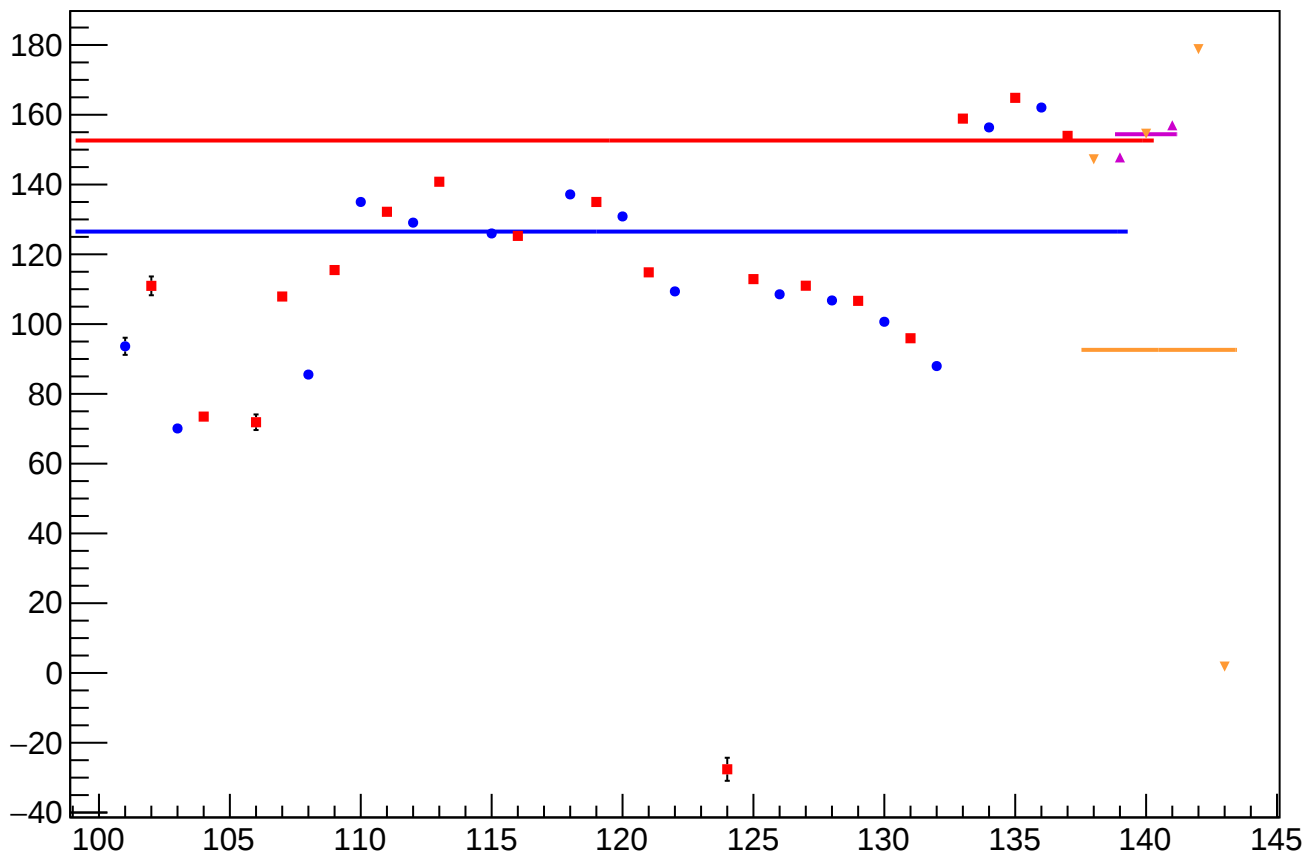
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: -9.901 ± 0.057 $\chi^2/\text{NDF}: 125148.6/16$

Out: -5.874 ± 0.076 $\chi^2/\text{NDF}: 50939.2/21$

All: -8.450 ± 0.046 $\chi^2/\text{NDF}: 177887.2/38$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 92.614 $\pm$ 0.148 χ^2 /NDF:275937.3/3

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: 129.069 $\pm$ 0.095 χ^2 /NDF: 379274.0/5

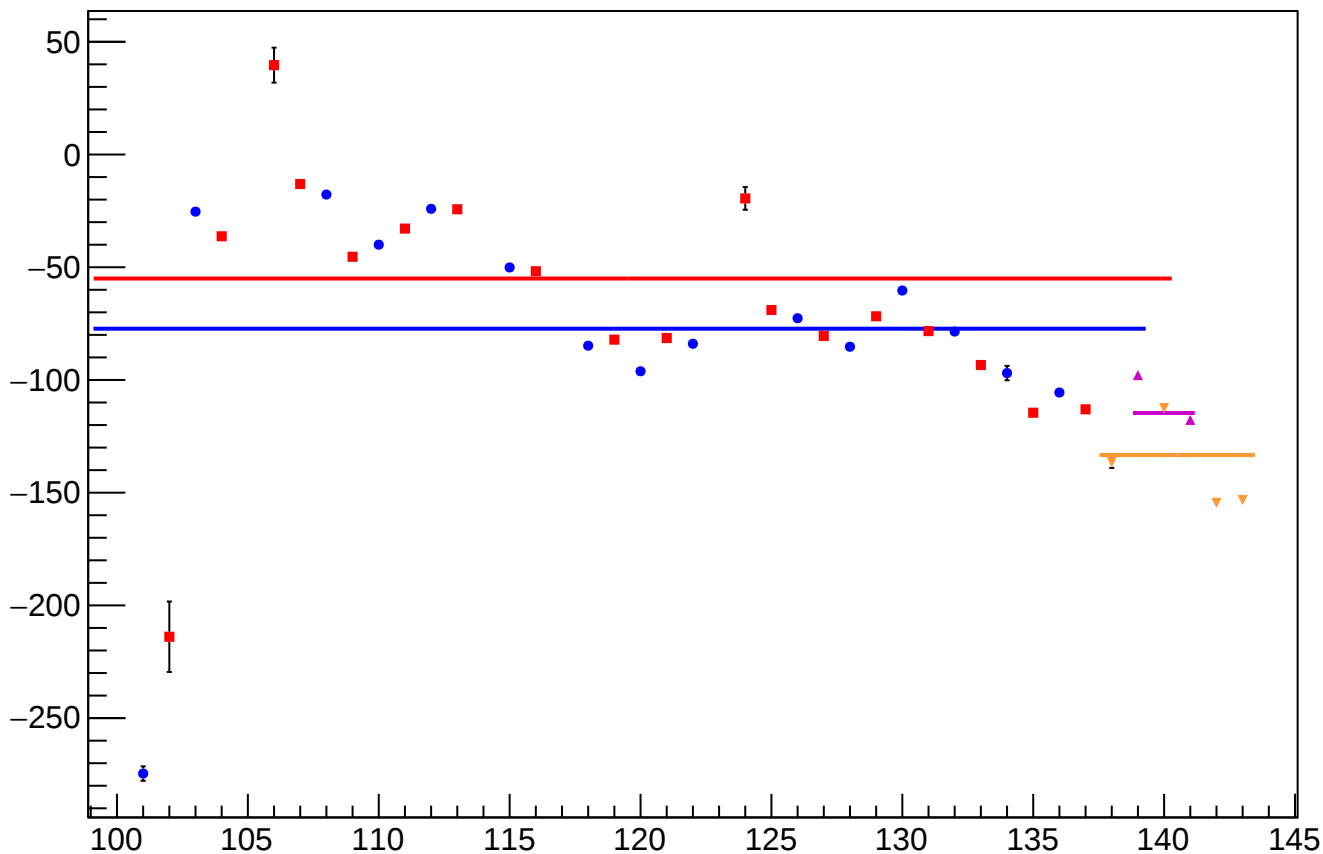
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.313 $\pm$ 0.070 χ^2 /NDF:150861.4/16

Out: 150.212 $\pm$ 0.030 χ^2 /NDF:506771.9/21

All: 147.907 $\pm$ 0.027 χ^2 /NDF: 696472.5/38

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -133.279 ± 0.283 $\chi^2/\text{NDF}: 5202.0/3$

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: -124.203 ± 0.203 $\chi^2/\text{NDF}: 7916.4/5$

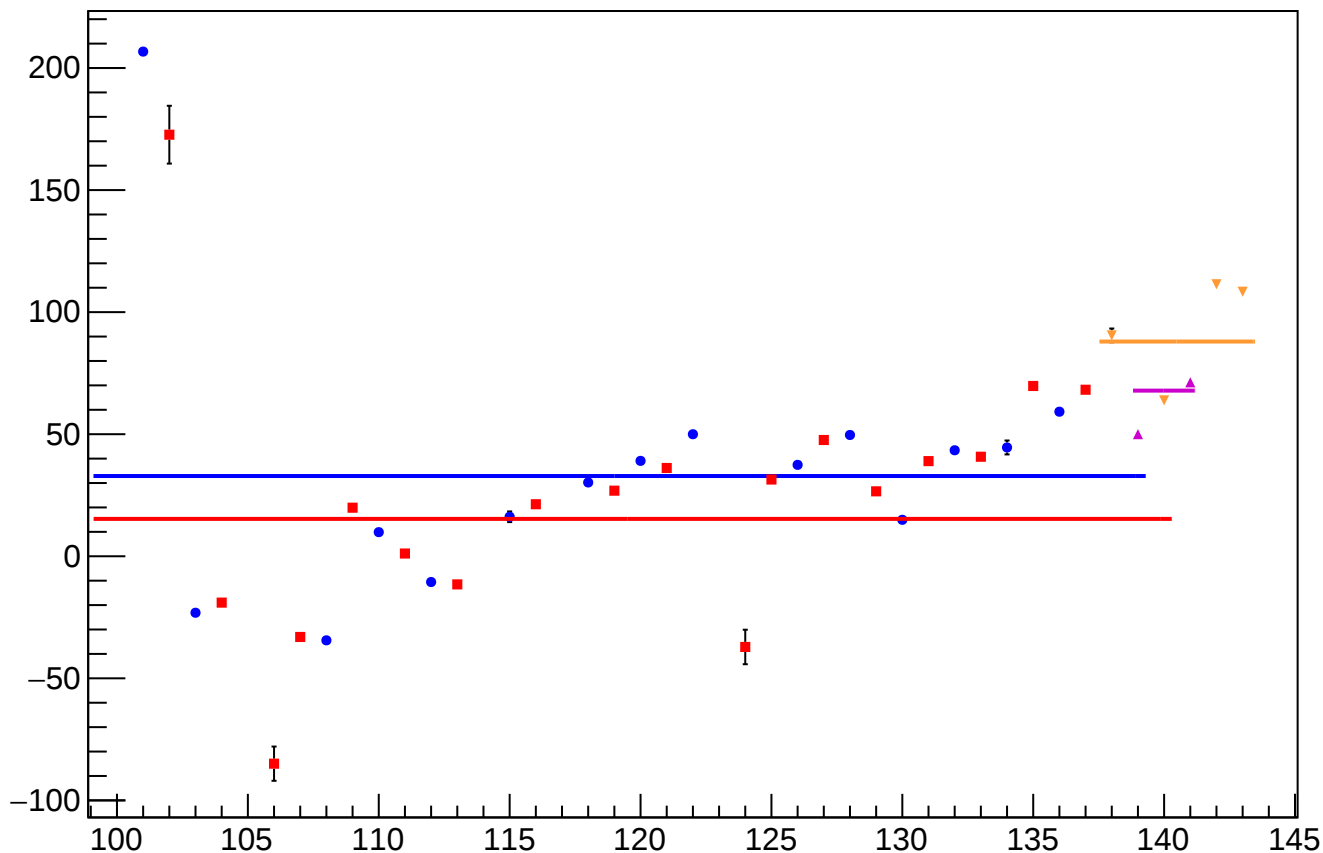
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -84.822 ± 0.131 $\chi^2/\text{NDF}: 44142.4/16$

Out: -79.330 ± 0.158 $\chi^2/\text{NDF}: 81427.3/21$

All: -82.588 ± 0.101 $\chi^2/\text{NDF}: 126287.0/38$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF : 31393.7/14

Left Out: 87.959+/-0.279 χ^2/NDF : 6562.5/3

Right Out: 15.309+/-0.210 χ^2/NDF : 16746.0/17

Left In: 67.851+/-0.270 χ^2/NDF : 834.4/1

Left: 77.573+/-0.194 χ^2/NDF : 10084.5/5

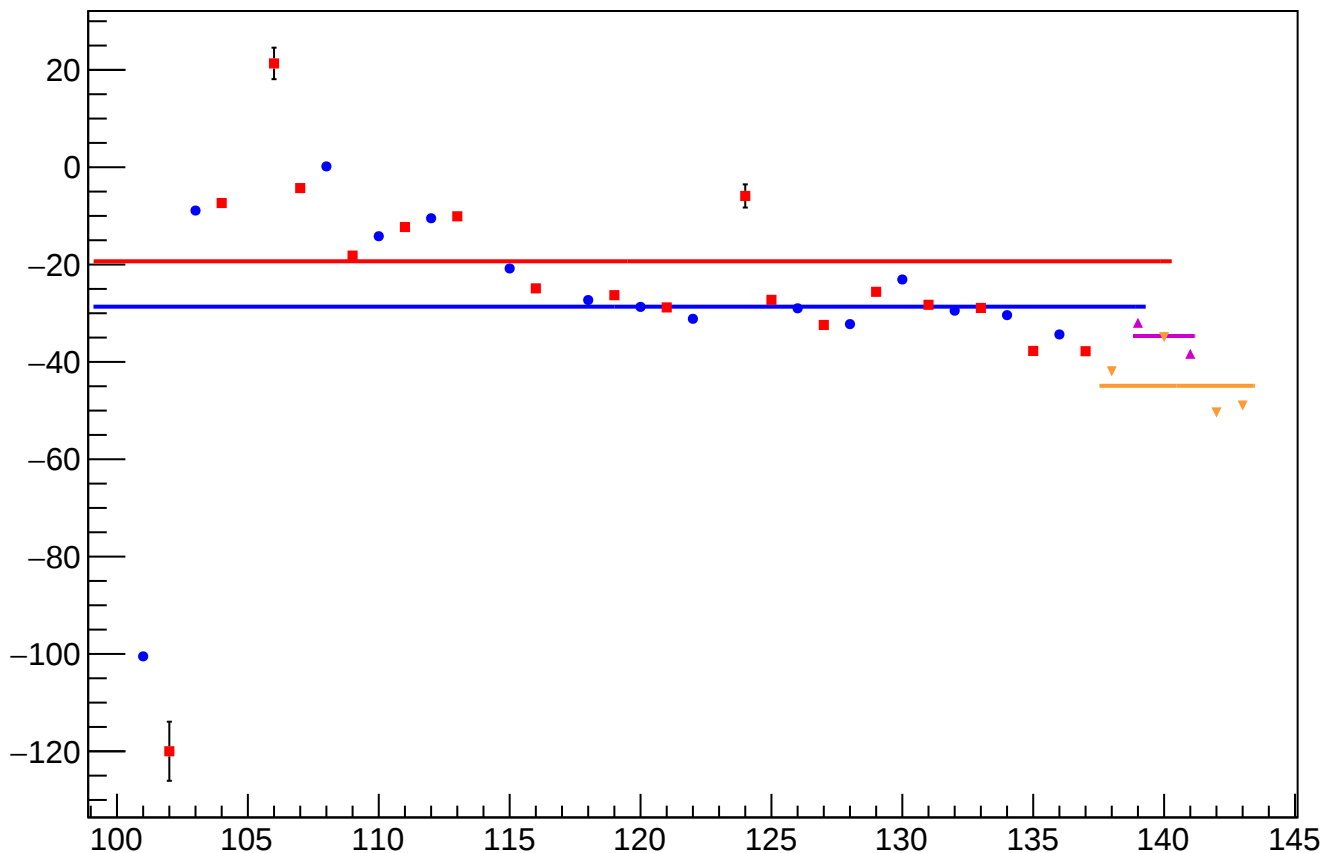
Right: 27.134+/-0.120 χ^2/NDF : 52862.9/32

In: 40.799+/-0.128 χ^2/NDF : 45240.2/16

Out: 41.559+/-0.168 χ^2/NDF : 66689.8/21

All: 41.080+/-0.102 χ^2/NDF : 111943.0/38

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648+/-0.034 χ^2/NDF : 113441.9/14

Left Out: -44.909+/-0.062 χ^2/NDF :11036.4/3

Right Out: -19.325+/-0.039 χ^2/NDF : 56579.1/17

Left In: -34.673+/-0.045 χ^2/NDF :4841.0/1

Left: -38.240+/-0.037 χ^2/NDF : 33685.8/5

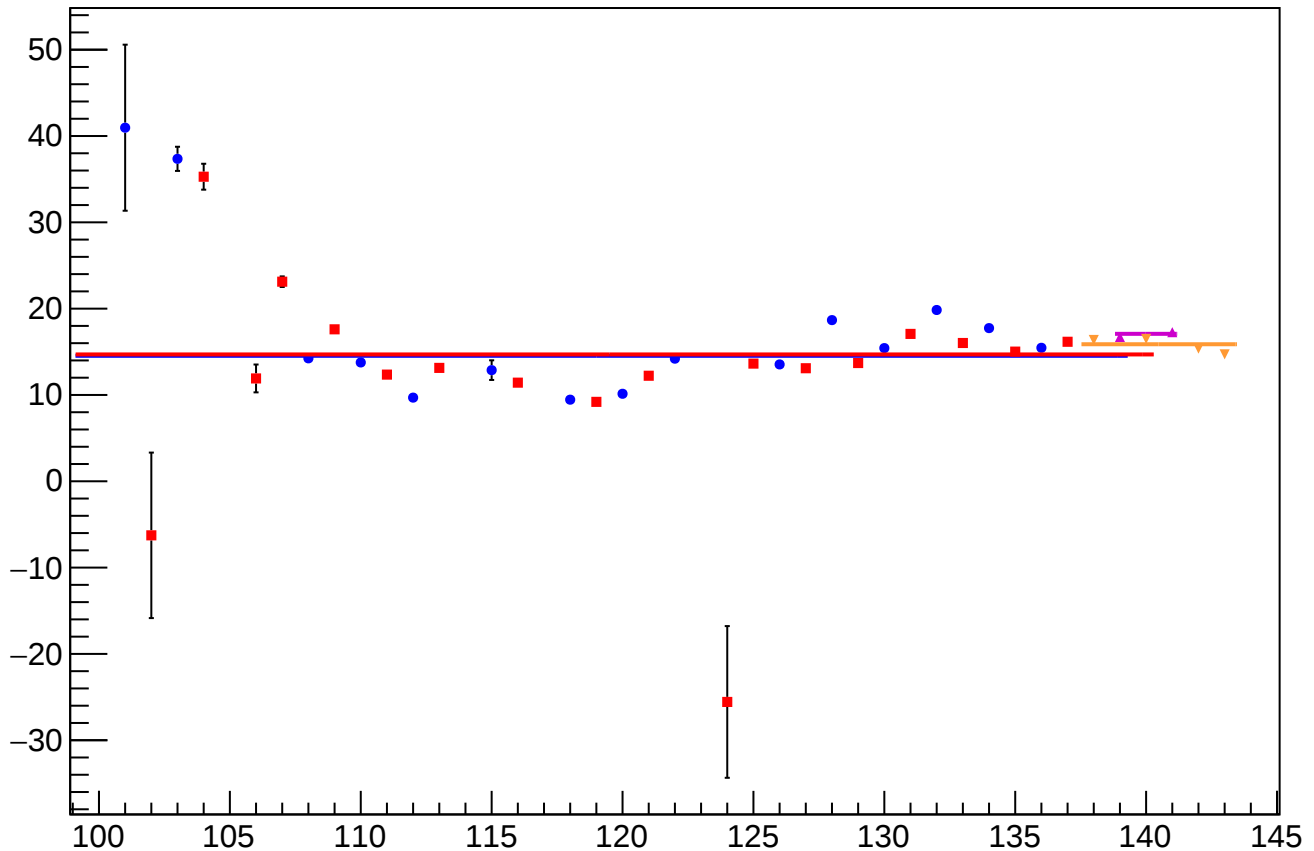
Right: -24.627+/-0.026 χ^2/NDF : 201944.0/32

In: -30.842+/-0.027 χ^2/NDF :129542.9/16

Out: -26.687+/-0.033 χ^2/NDF :189245.0/21

All: -29.165+/-0.021 χ^2/NDF : 328121.1/38

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.876+/-0.038 χ^2/NDF : 439.2/3

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: 16.316+/-0.030 χ^2/NDF : 843.9/5

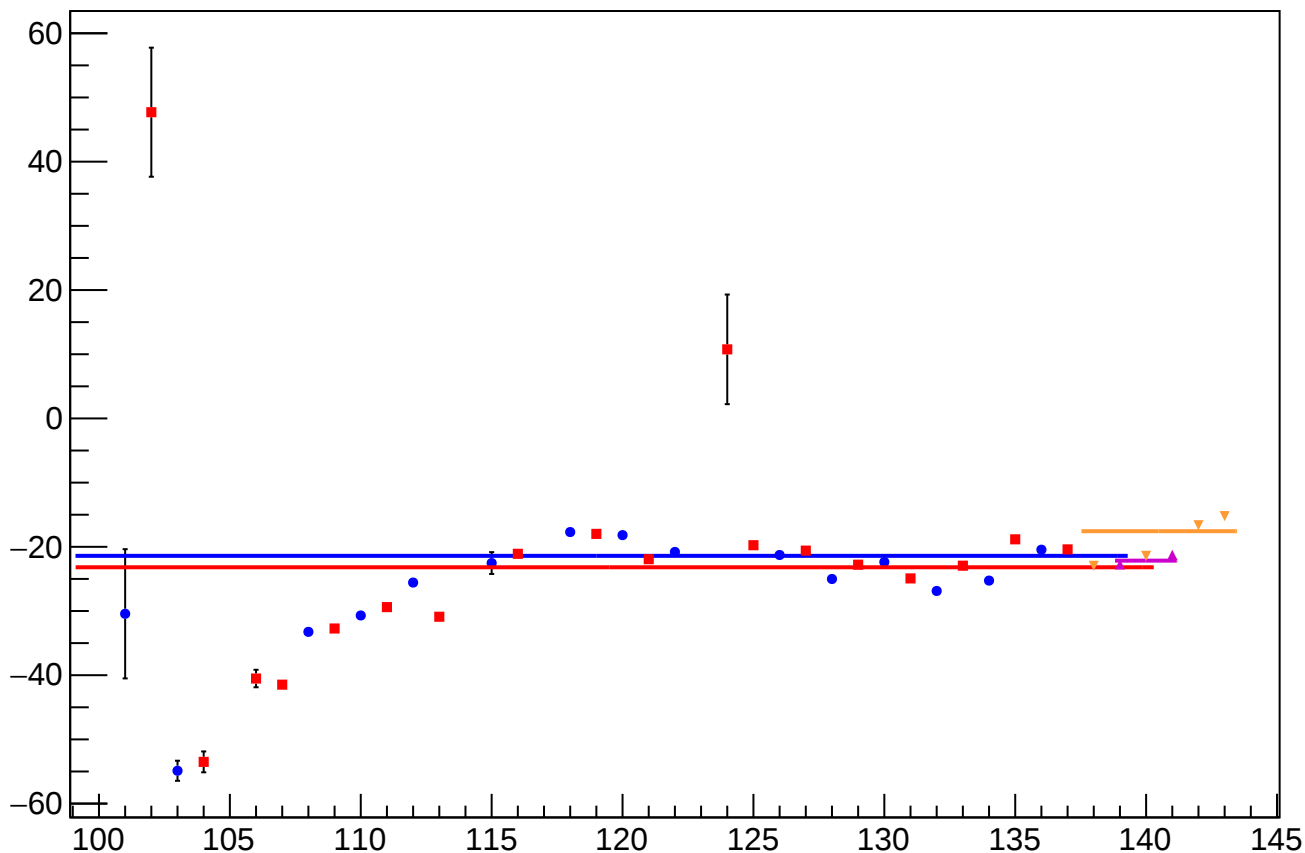
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.214+/-0.026 χ^2/NDF : 14033.4/16

Out: 15.372+/-0.028 χ^2/NDF : 2494.2/21

All: 15.284+/-0.019 χ^2/NDF : 16544.6/38

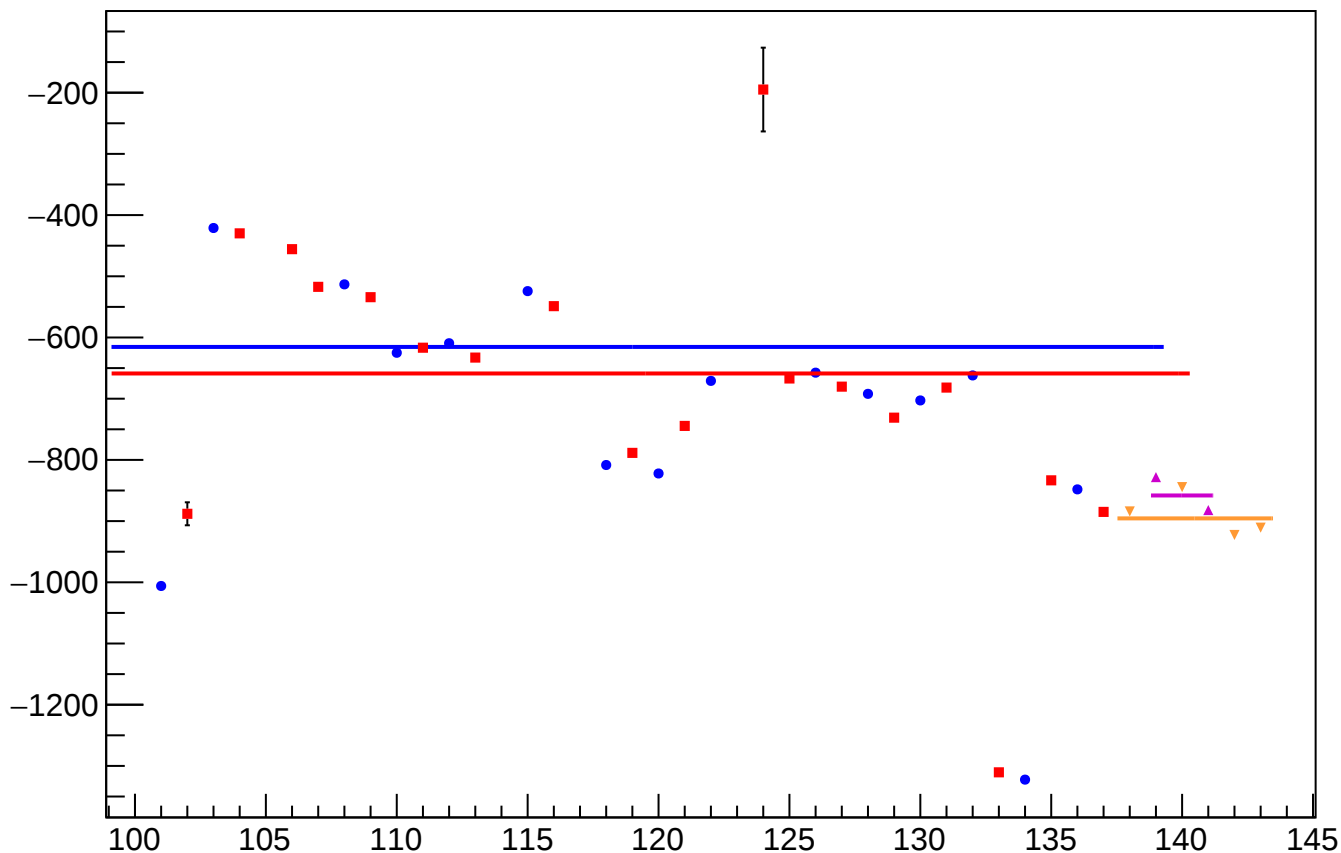
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$
 Left Out: -17.566 ± 0.043 $\chi^2/\text{NDF}: 4842.8/3$
 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: -18.682 ± 0.037 $\chi^2/\text{NDF}: 7702.6/5$
 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: -19.896 ± 0.033 $\chi^2/\text{NDF}: 21048.3/21$
 All: -20.736 ± 0.023 $\chi^2/\text{NDF}: 32183.7/38$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -895.570+/-0.595 χ^2/NDF : 2818.8/3

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: -877.931+/-0.433 χ^2/NDF : 6485.5/5

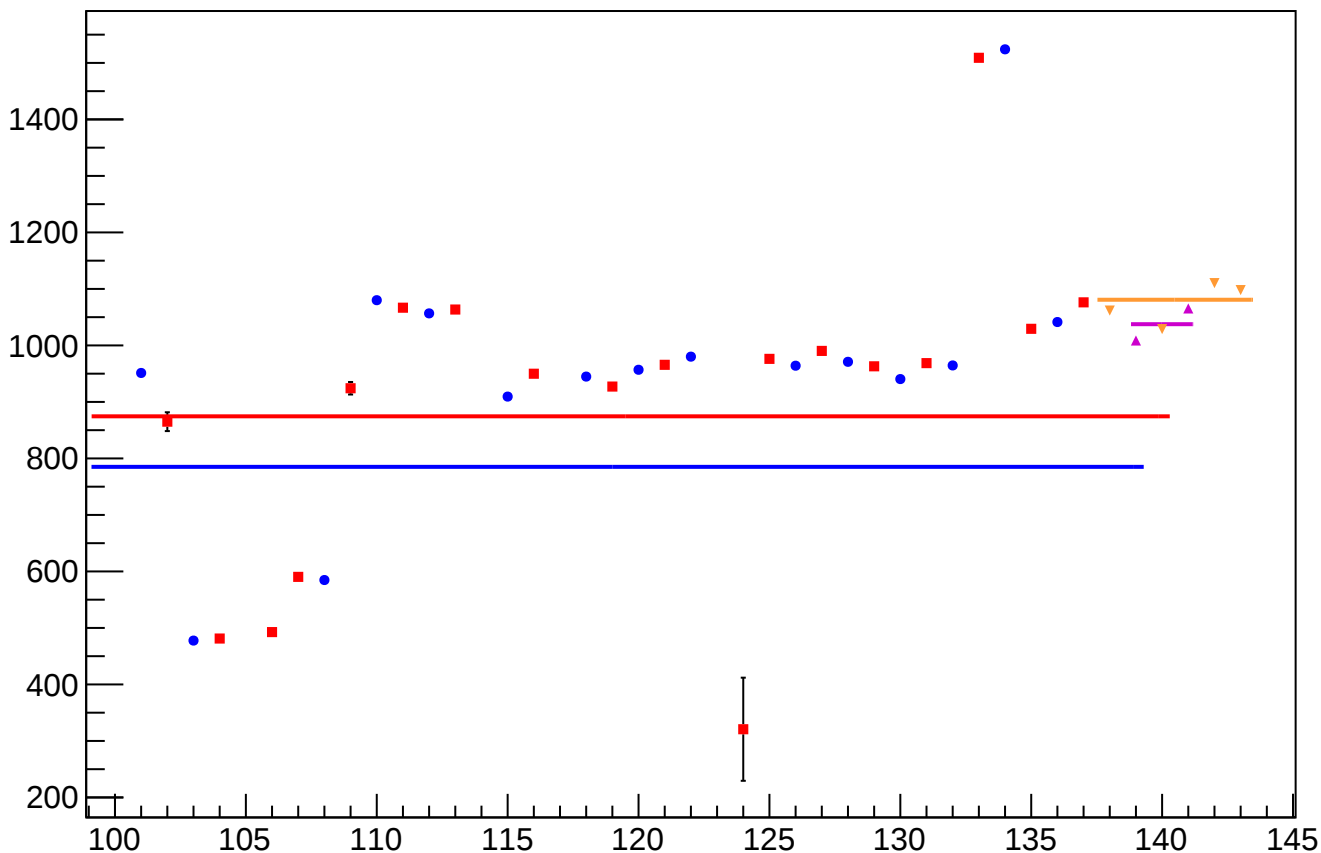
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -645.583+/-0.222 χ^2/NDF : 514291.8/16

Out: -695.846+/-0.235 χ^2/NDF : 521664.7/21

All: -669.284+/-0.162 χ^2/NDF : 1060052.4/38

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 1080.842+/-0.593 χ^2/NDF : 3214.2/3

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: 1058.751+/-0.415 χ^2/NDF : 8314.5/5

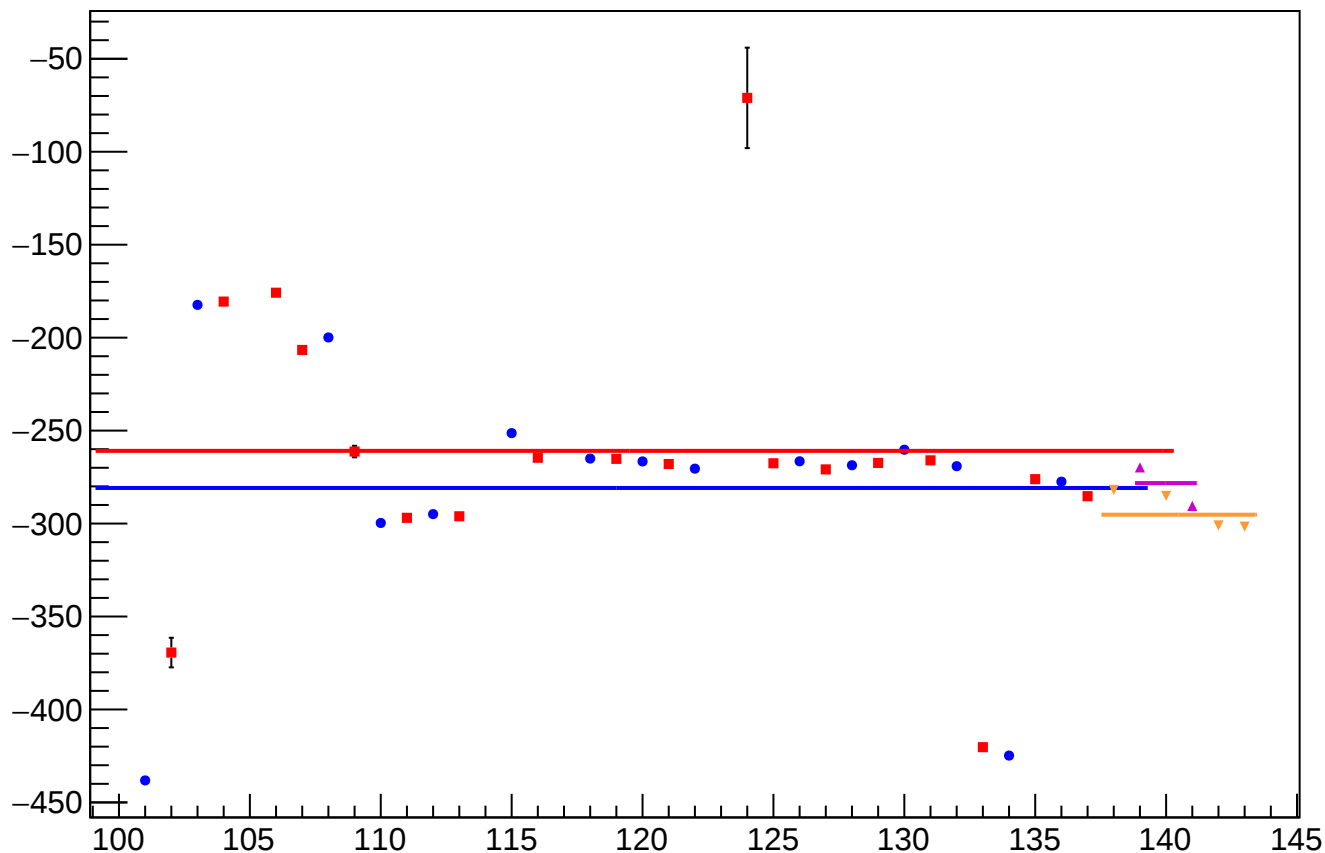
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 818.822+/-0.212 χ^2/NDF : 1052280.8/16

Out: 908.039+/-0.239 χ^2/NDF : 947113.6/21

All: 858.145+/-0.159 χ^2/NDF : 2077261.6/38

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -295.233+/-0.108 χ^2/NDF : 5598.7/3

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -278.226+/-0.068 χ^2/NDF : 22621.6/1

Left: -283.050+/-0.057 χ^2/NDF : 46117.5/5

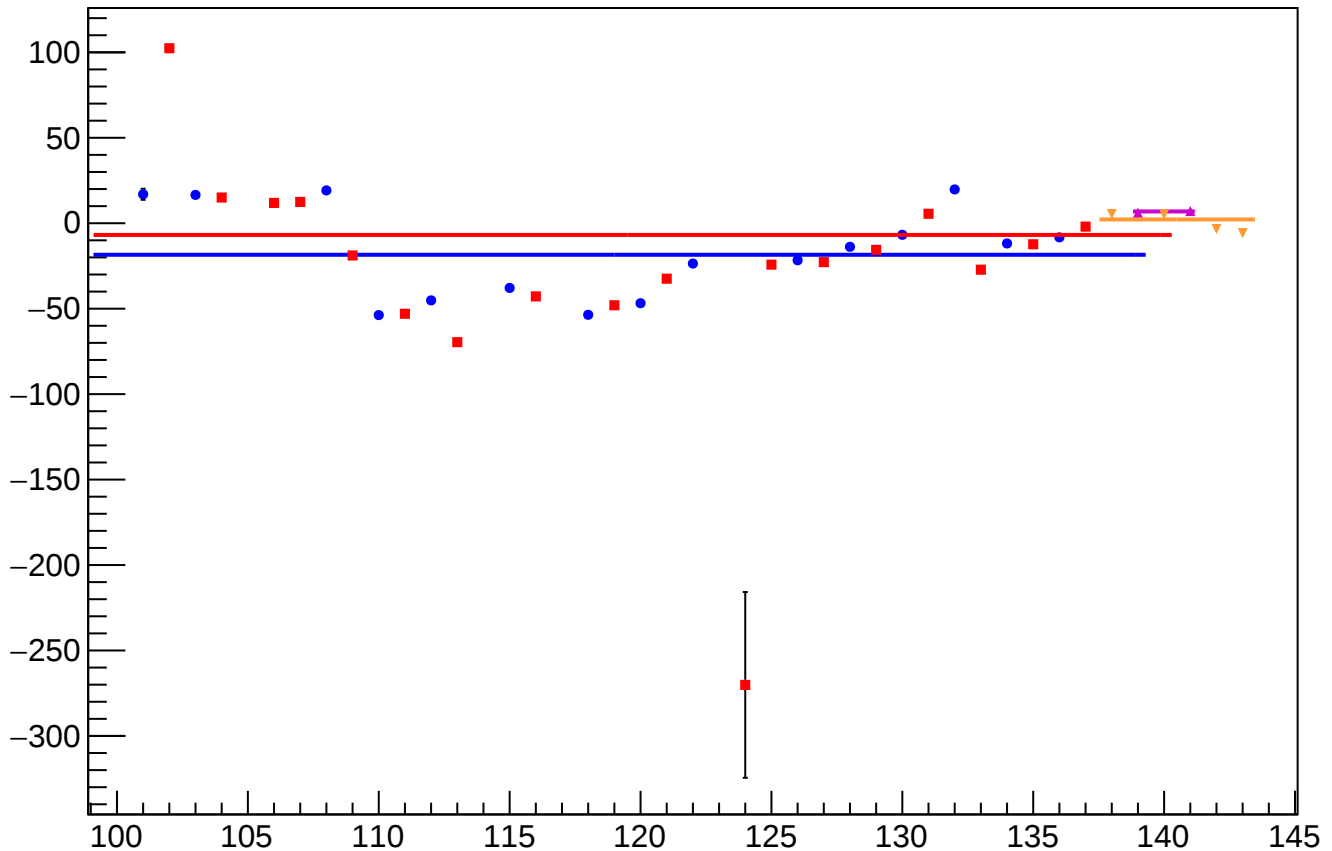
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -279.731+/-0.044 χ^2/NDF : 897096.1/16

Out: -270.605+/-0.057 χ^2/NDF : 426356.4/21

All: -276.313+/-0.035 χ^2/NDF : 1339361.5/38

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 2.201 ± 0.100 $\chi^2/\text{NDF}: 2066.3/3$

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: 4.734 ± 0.068 $\chi^2/\text{NDF}: 3272.5/5$

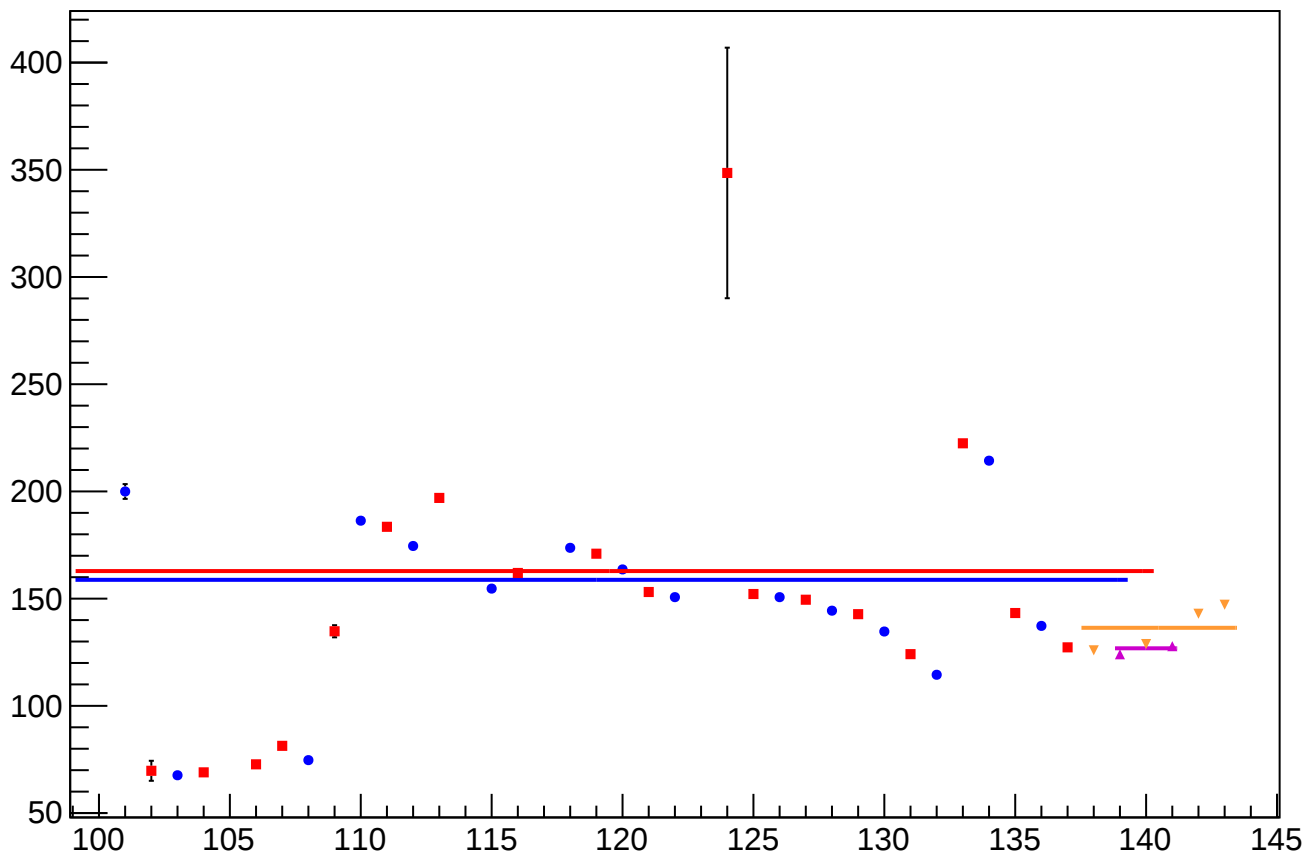
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -5.952 ± 0.065 $\chi^2/\text{NDF}: 84628.3/16$

Out: -4.188 ± 0.054 $\chi^2/\text{NDF}: 57848.7/21$

All: -4.913 ± 0.042 $\chi^2/\text{NDF}: 142911.5/38$

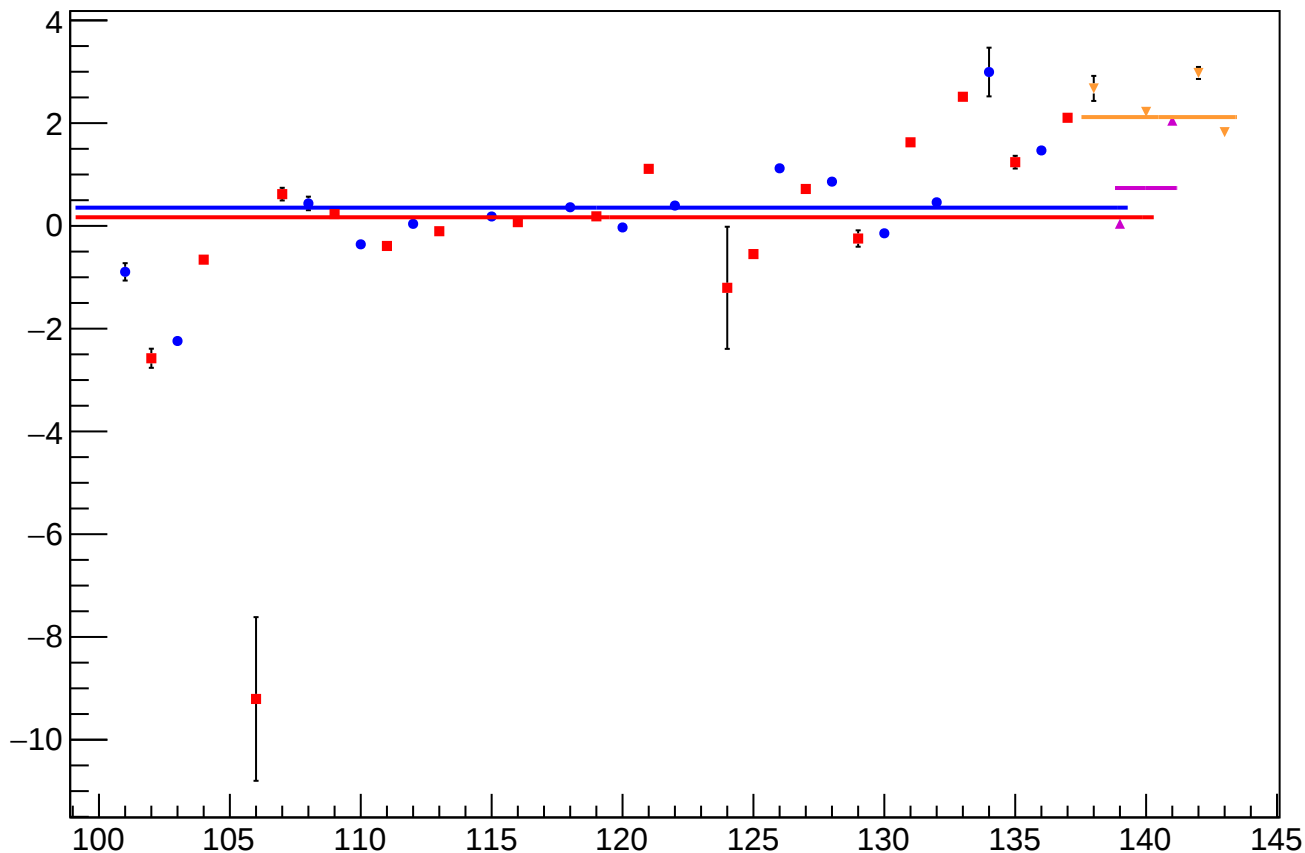
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 136.398 $\pm$ 0.121 χ^2/NDF : 4968.3/3
 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: 131.002 $\pm$ 0.080 χ^2/NDF : 8739.5/5
 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: 152.989 $\pm$ 0.074 χ^2/NDF : 191155.1/21
 All: 149.052 $\pm$ 0.050 χ^2/NDF : 409090.9/38

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 2.118 ± 0.032 χ^2/NDF : 99.4/3

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: 1.228 ± 0.019 χ^2/NDF : 2904.6/5

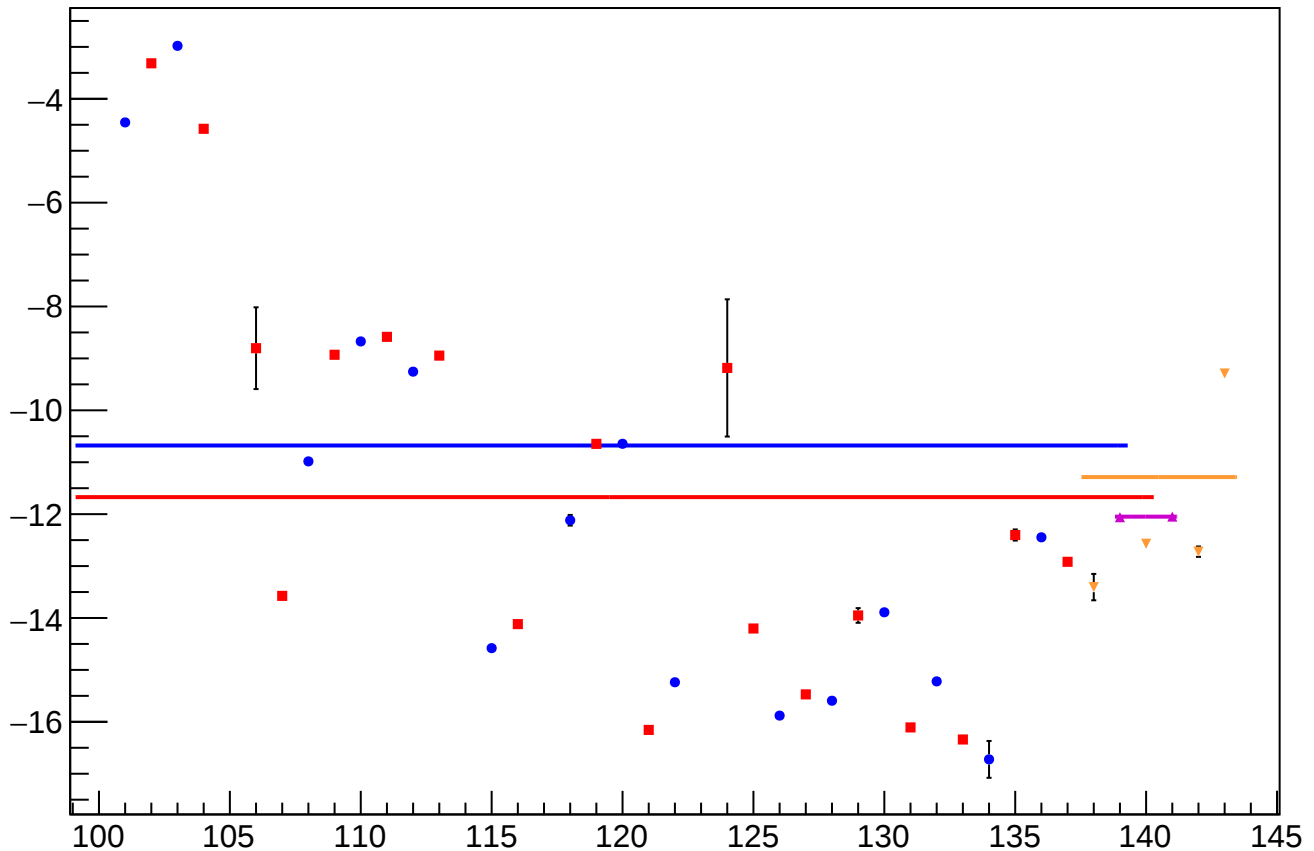
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.430 ± 0.011 χ^2/NDF : 5828.0/16

Out: 0.273 ± 0.007 χ^2/NDF : 8188.9/21

All: 0.325 ± 0.006 χ^2/NDF : 14165.4/38

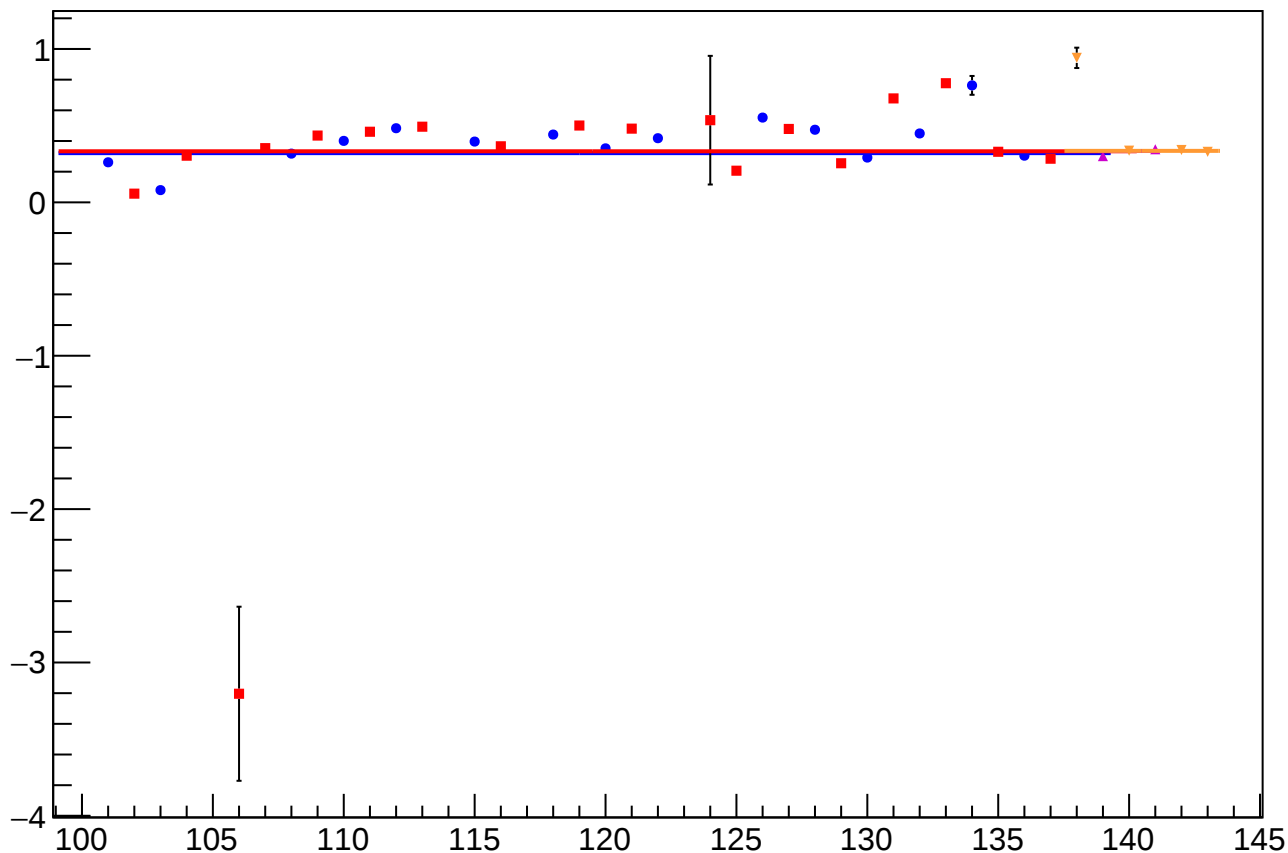
dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$
 Left Out: -11.286 ± 0.027 $\chi^2/\text{NDF}: 3720.8/3$
 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: -11.616 ± 0.020 $\chi^2/\text{NDF}: 4076.5/5$
 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: -11.610 ± 0.011 $\chi^2/\text{NDF}: 111742.0/21$
 All: -11.178 ± 0.007 $\chi^2/\text{NDF}: 343361.7/38$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.336 $\pm$ 0.001 χ^2 /NDF:136.2/3

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: 0.335 $\pm$ 0.001 χ^2 /NDF: 393.9/5

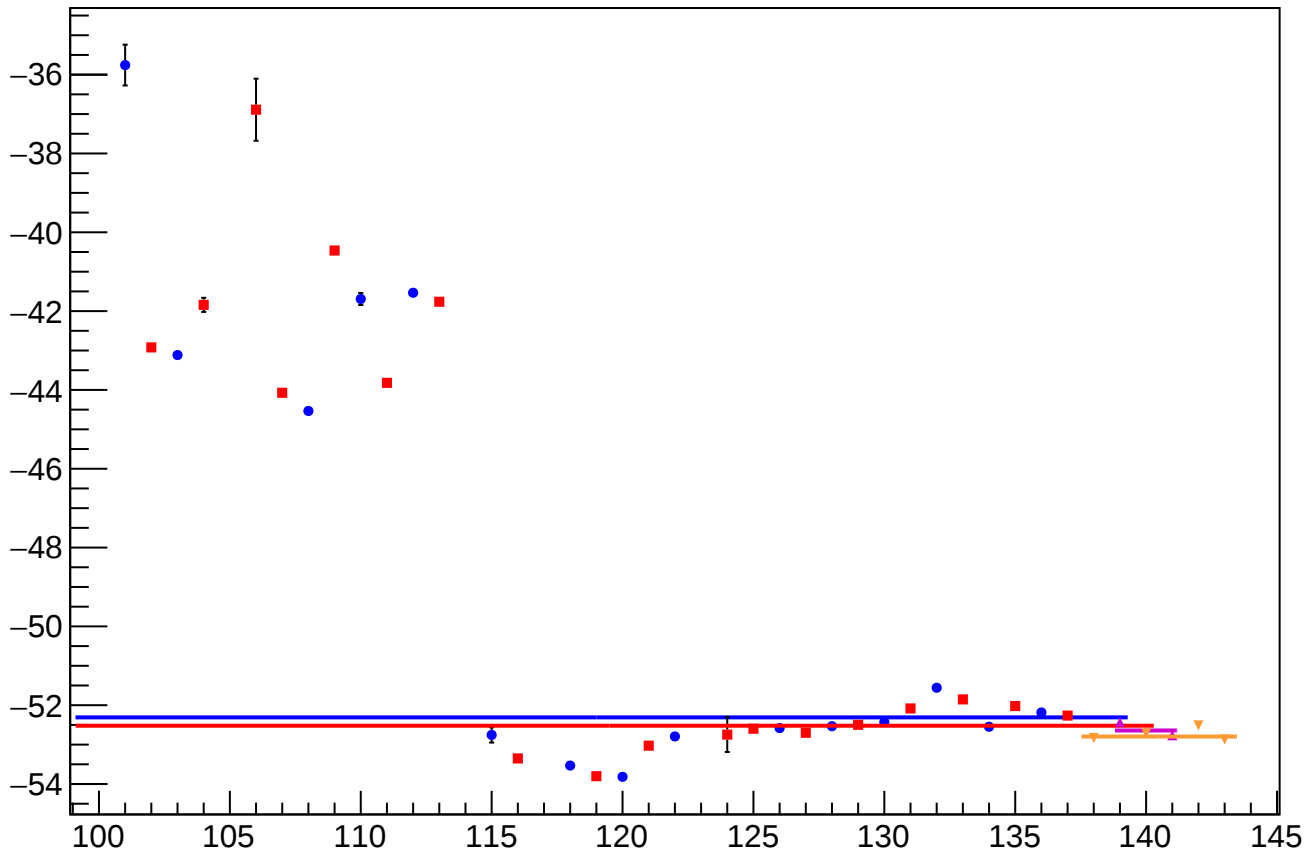
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.326 $\pm$ 0.001 χ^2 /NDF:4356.2/16

Out: 0.335 $\pm$ 0.001 χ^2 /NDF:4309.7/21

All: 0.331 $\pm$ 0.000 χ^2 /NDF: 8752.3/38

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309+/-0.004 χ^2/NDF : 53459.2/14

Left Out: -52.795+/-0.006 χ^2/NDF : 490.0/3

Right Out: -52.521+/-0.005 χ^2/NDF : 76616.3/17

Left In: -52.641+/-0.007 χ^2/NDF : 544.4/1

Left: -52.734+/-0.004 χ^2/NDF : 1335.8/5

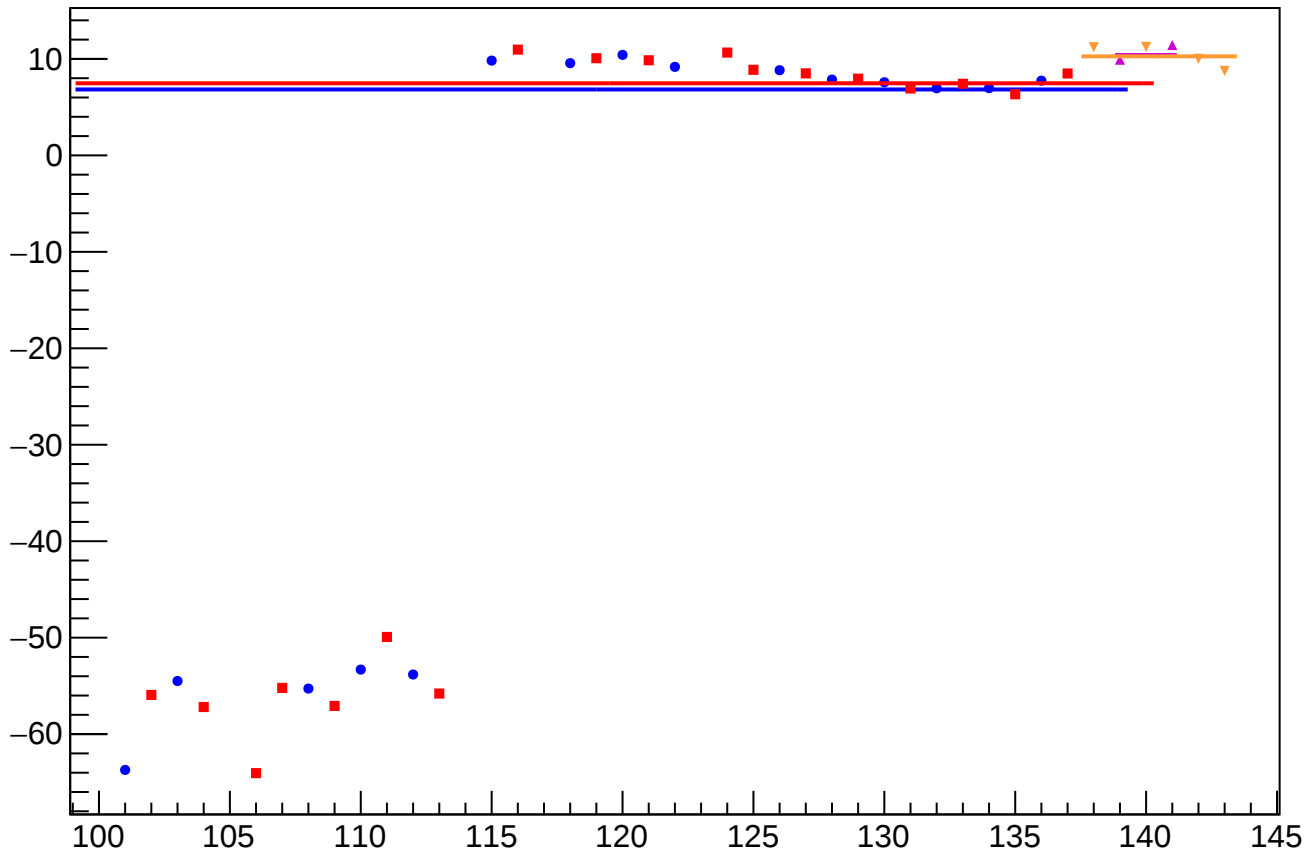
Right: -52.410+/-0.003 χ^2/NDF : 131177.9/32

In: -52.406+/-0.004 χ^2/NDF : 55664.1/16

Out: -52.632+/-0.004 χ^2/NDF : 78542.3/21

All: -52.524+/-0.003 χ^2/NDF : 136132.4/38

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834+/-0.005 χ^2/NDF : 990576.4/14

Left Out: 10.266+/-0.013 χ^2/NDF : 6382.5/3

Right Out: 7.474+/-0.009 χ^2/NDF : 1195498.7/17

Left In: 10.400+/-0.019 χ^2/NDF : 1447.6/1

Left: 10.311+/-0.011 χ^2/NDF : 7864.5/5

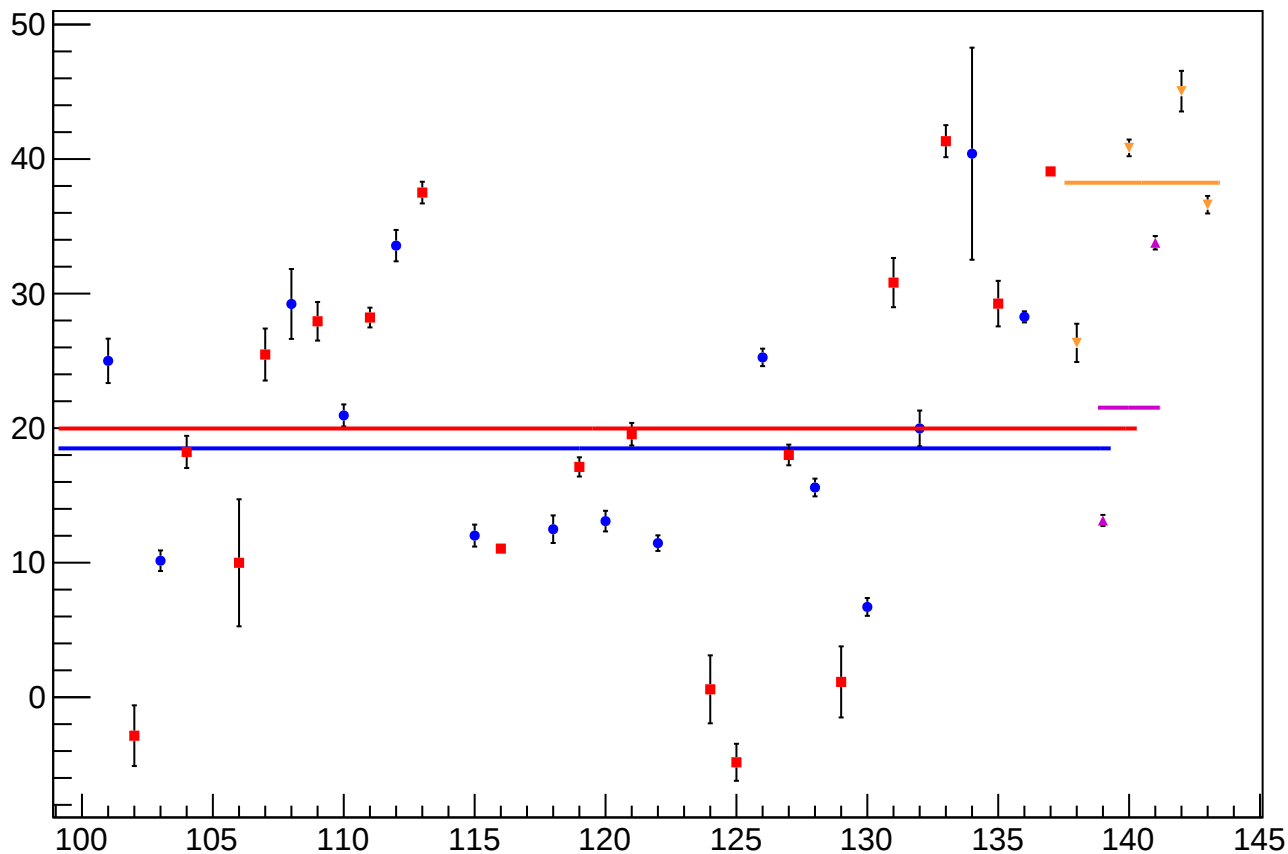
Right: 6.980+/-0.004 χ^2/NDF : 2189734.1/32

In: 7.080+/-0.005 χ^2/NDF : 1026313.8/16

Out: 8.393+/-0.008 χ^2/NDF : 1231585.7/21

All: 7.463+/-0.004 χ^2/NDF : 2278963.6/38

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 38.241 $\pm$ 0.412 χ^2 /NDF:114.2/3

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: 27.802 $\pm$ 0.252 χ^2 /NDF: 2153.2/5

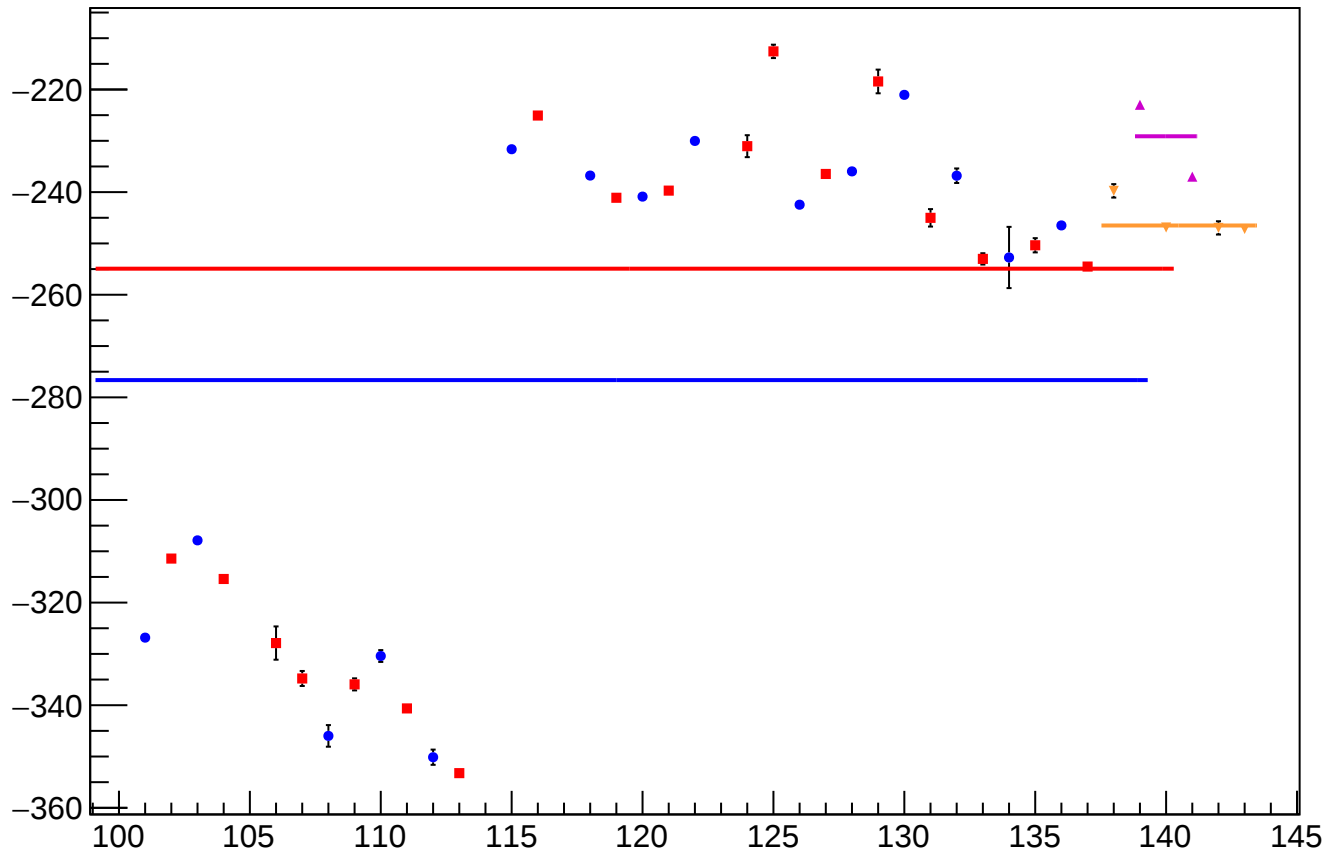
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 19.349 $\pm$ 0.170 χ^2 /NDF:2709.8/16

Out: 21.635 $\pm$ 0.124 χ^2 /NDF:11106.5/21

All: 20.837 $\pm$ 0.100 χ^2 /NDF: 13934.6/38

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -246.503 ± 0.355 χ^2/NDF : 28.7/3

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -229.115 ± 0.271 χ^2/NDF : 656.2/1

Left: -235.520 ± 0.216 χ^2/NDF : 2197.3/5

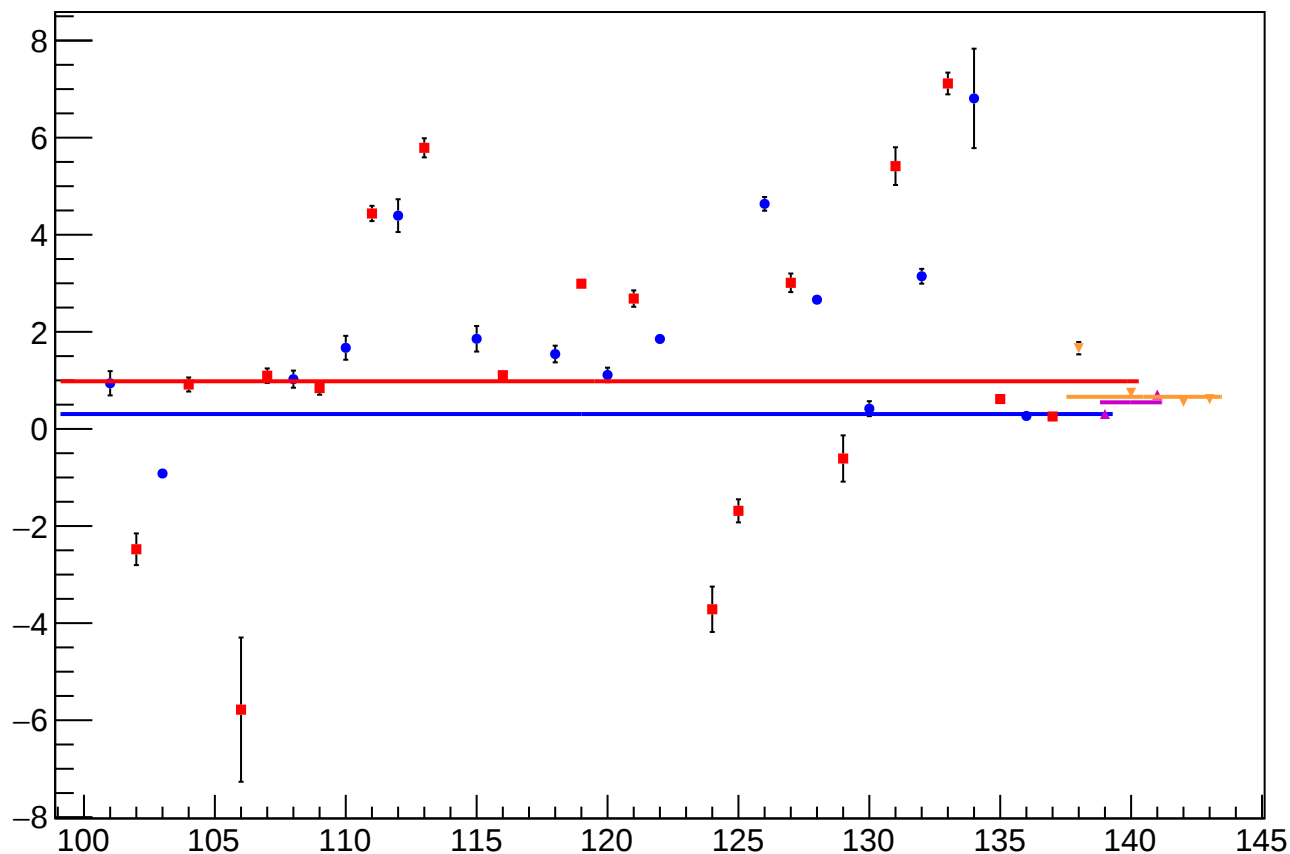
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -265.792 ± 0.130 χ^2/NDF : 101448.2/16

Out: -254.596 ± 0.070 χ^2/NDF : 72514.1/21

All: -257.115 ± 0.061 χ^2/NDF : 179744.3/38

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.661 ± 0.006 $\chi^2/\text{NDF}: 223.1/3$

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: 0.598 ± 0.004 $\chi^2/\text{NDF}: 2043.7/5$

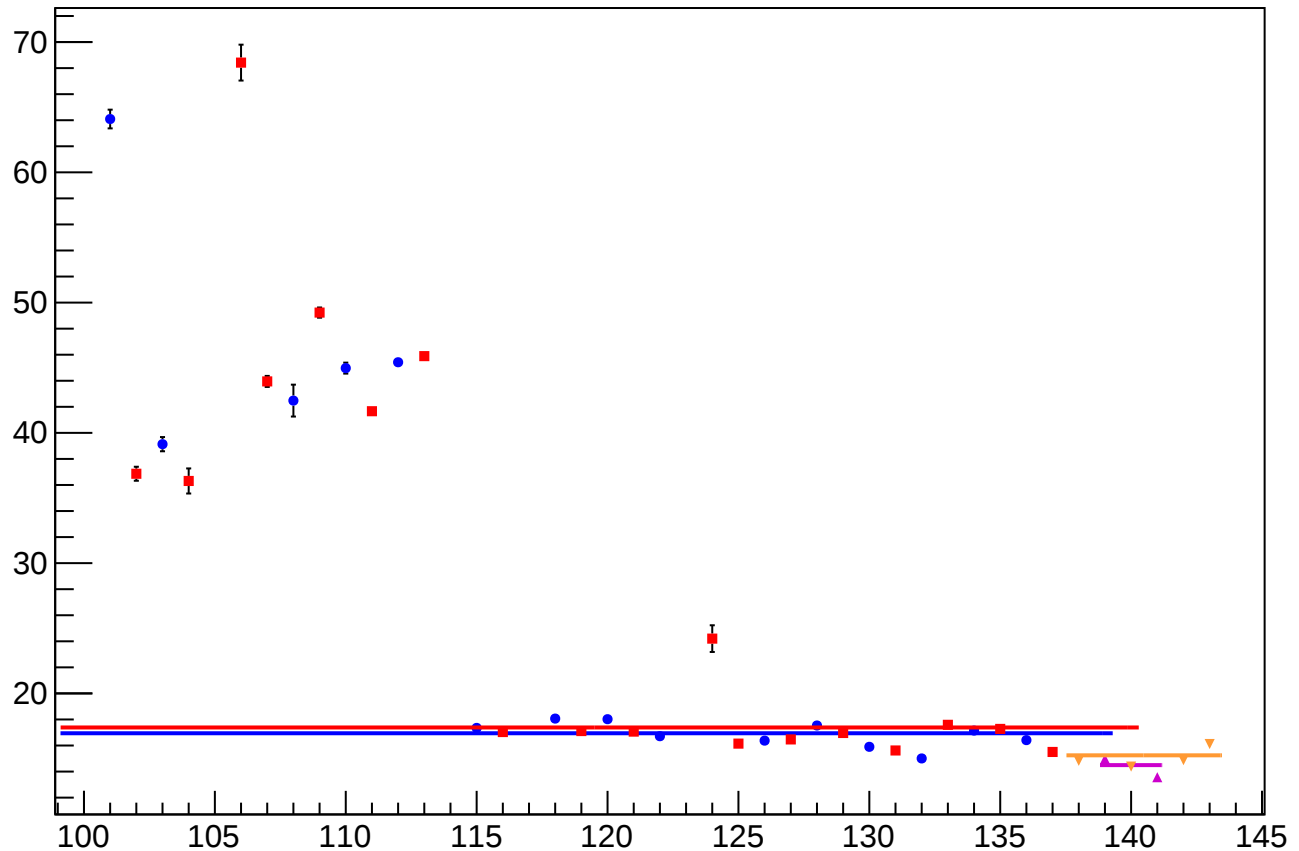
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.463 ± 0.004 $\chi^2/\text{NDF}: 5231.6/16$

Out: 0.701 ± 0.005 $\chi^2/\text{NDF}: 4015.5/21$

All: 0.551 ± 0.003 $\chi^2/\text{NDF}: 10590.5/38$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF : 29019.8/14

Left Out: 15.247+/-0.020 χ^2/NDF : 1514.2/3

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: 14.978+/-0.016 χ^2/NDF : 2664.1/5

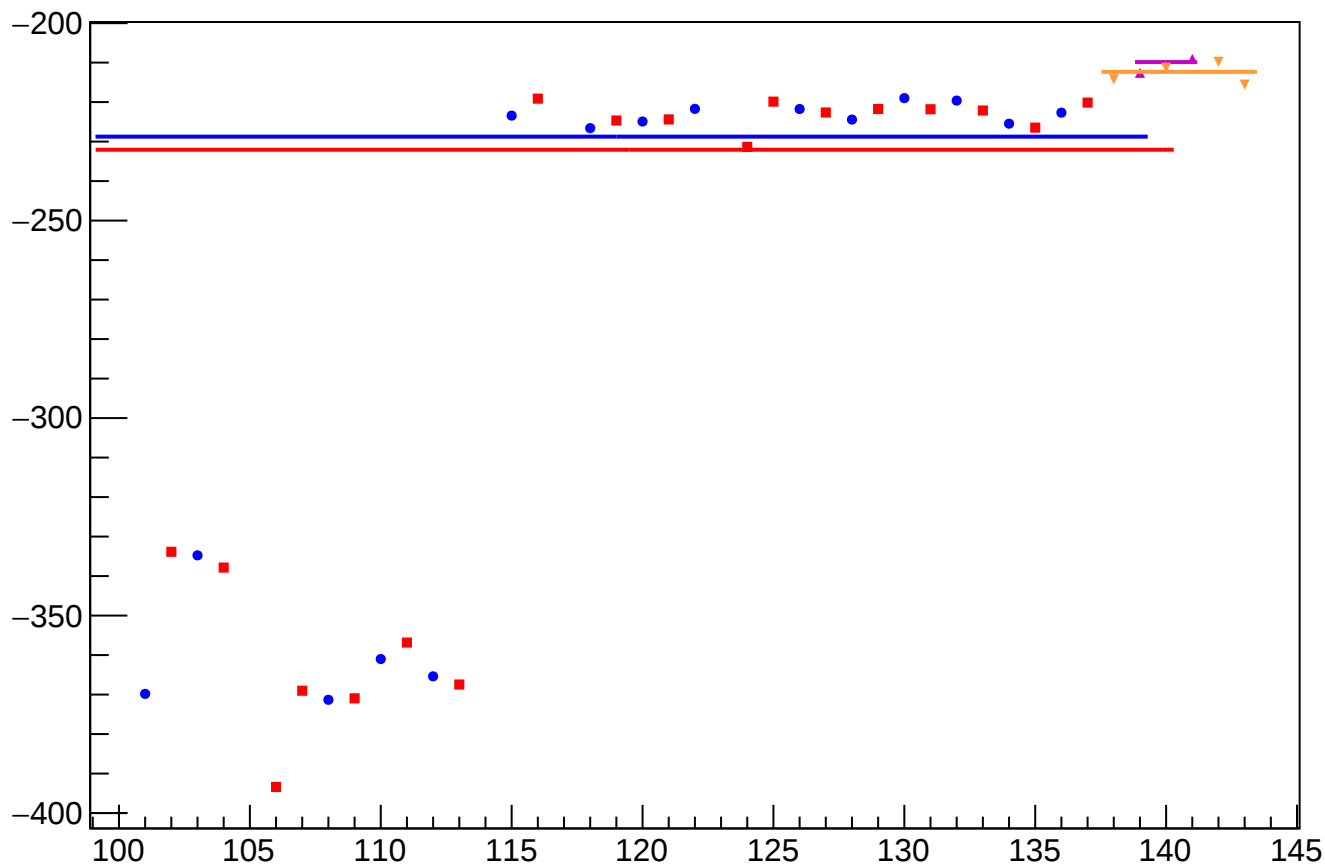
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 16.468+/-0.012 χ^2/NDF : 36635.8/16

Out: 16.435+/-0.013 χ^2/NDF : 69213.9/21

All: 16.453+/-0.009 χ^2/NDF : 105853.3/38

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -212.350+/-0.040 χ^2/NDF :3298.7/3

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: -211.255+/-0.030 χ^2/NDF : 6143.0/5

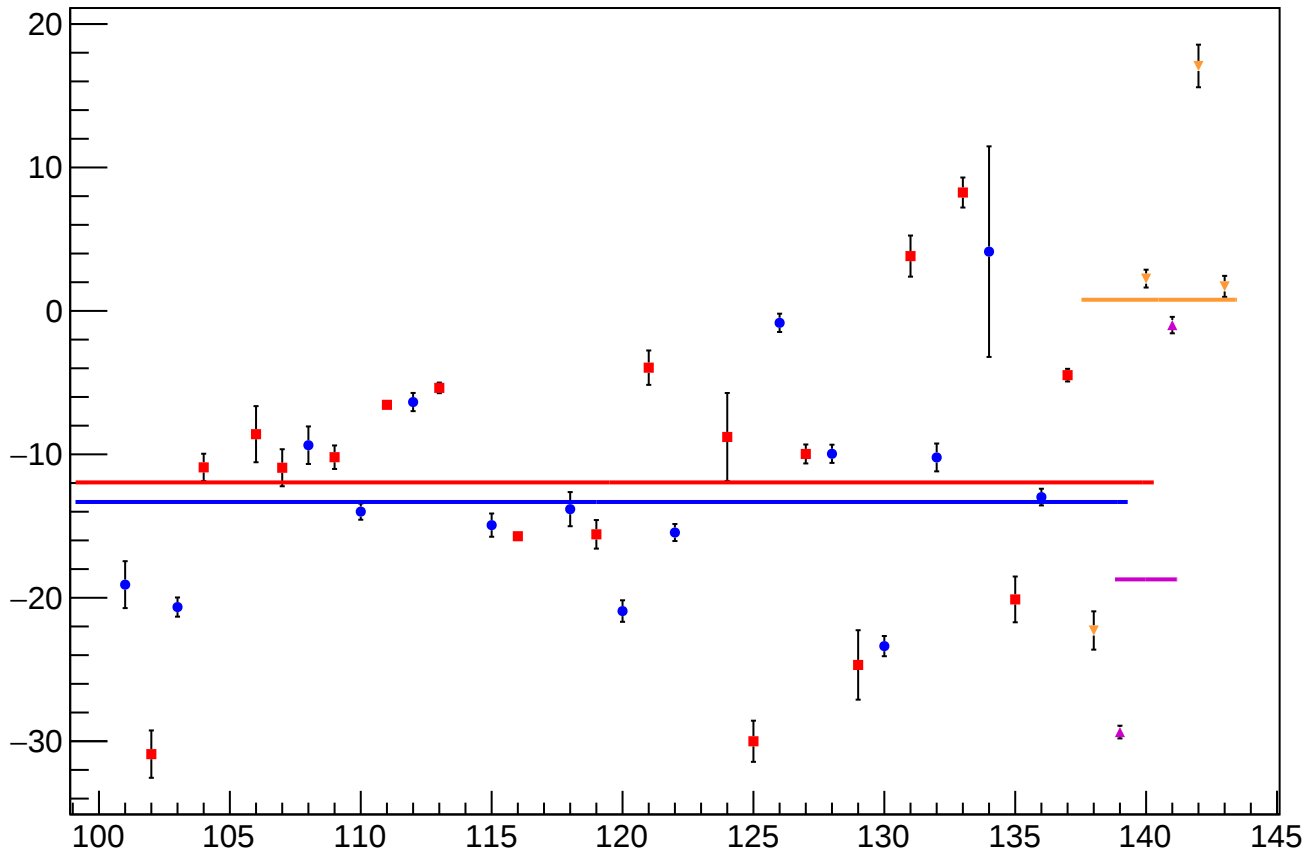
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -221.635+/-0.027 χ^2/NDF :770365.4/16

Out: -221.772+/-0.029 χ^2/NDF :913669.8/21

All: -221.701+/-0.020 χ^2/NDF : 1684047.1/38

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: 0.780 ± 0.428 χ^2/NDF : 425.9/3

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -18.718 ± 0.351 χ^2/NDF : 1534.8/1

Left: -10.881 ± 0.271 χ^2/NDF : 3203.4/5

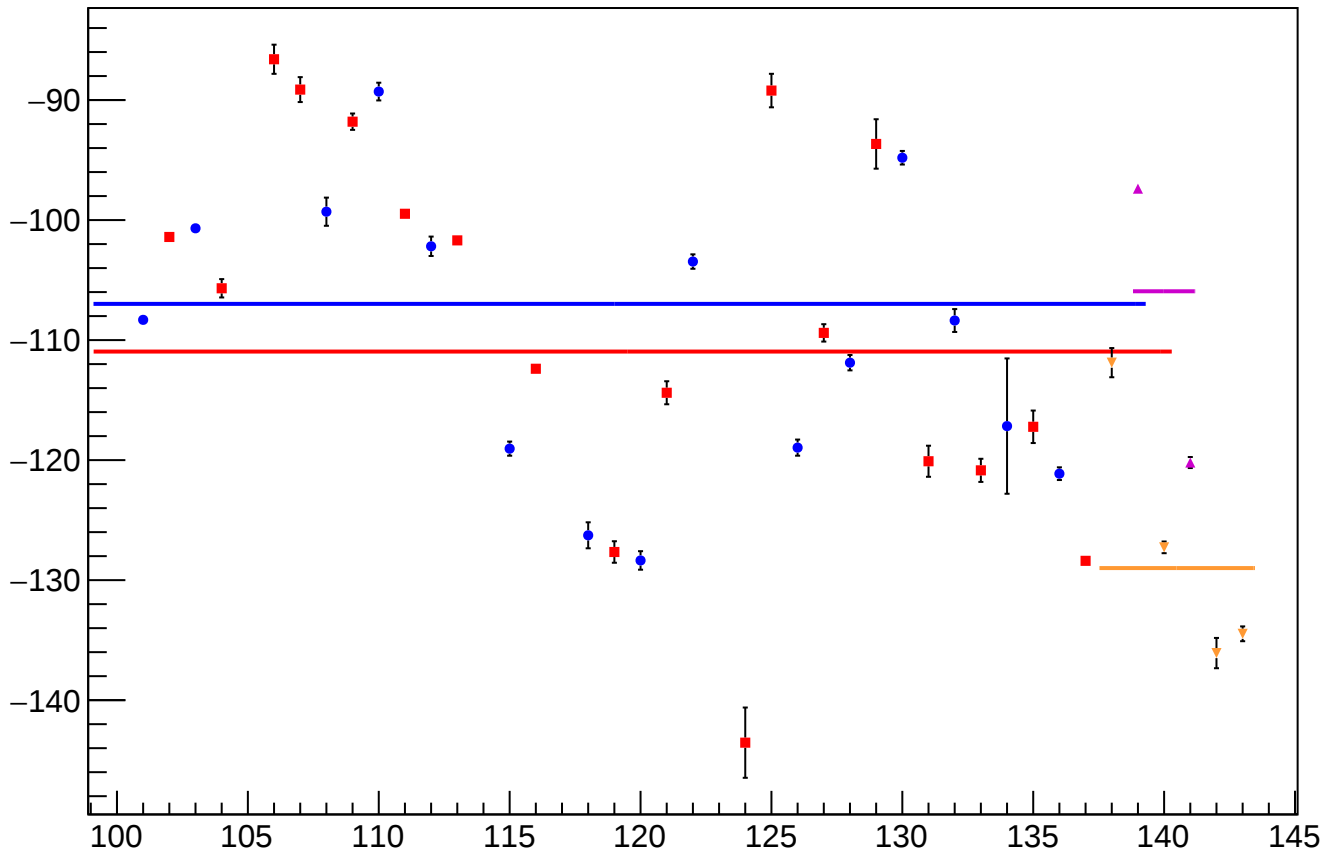
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -14.583 ± 0.170 χ^2/NDF : 2729.3/16

Out: -11.131 ± 0.109 χ^2/NDF : 3742.3/21

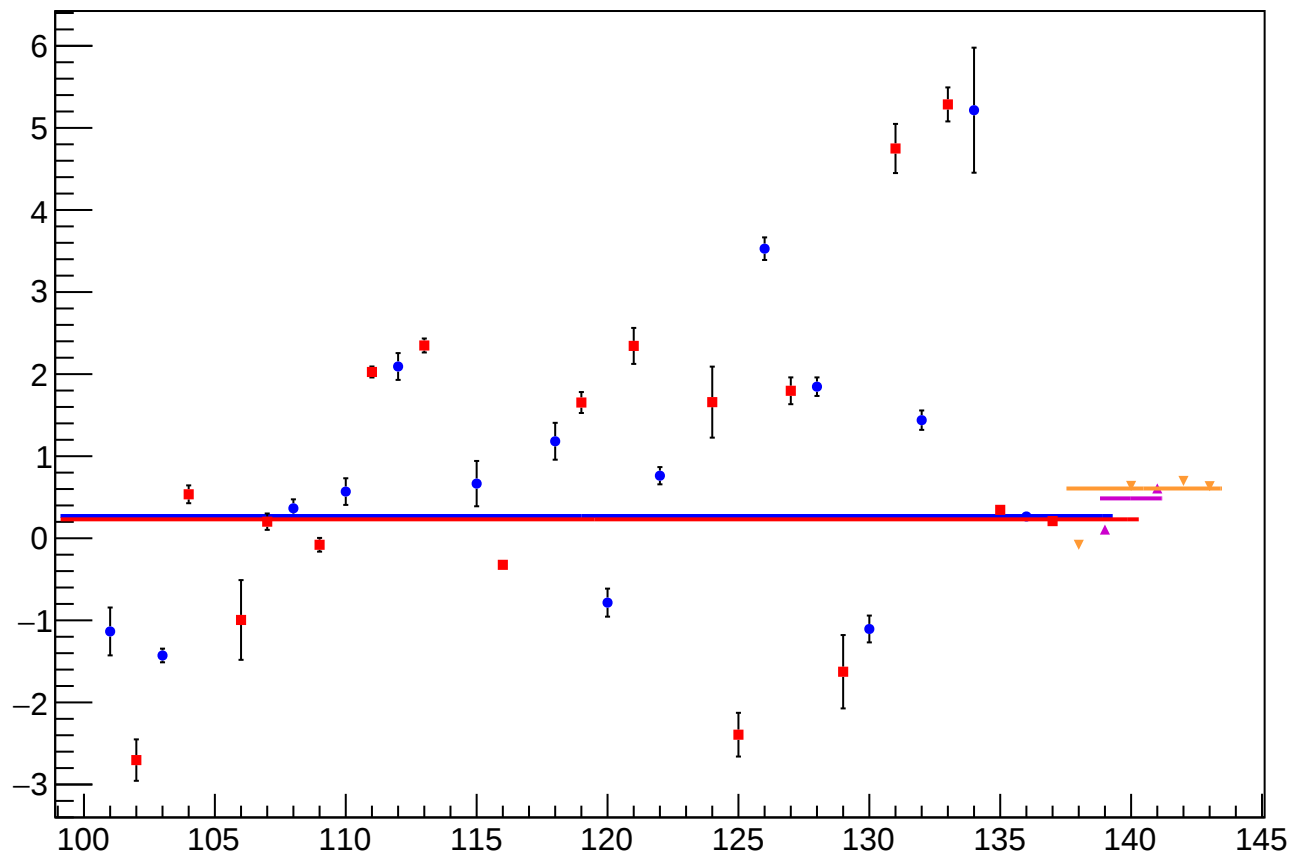
All: -12.139 ± 0.092 χ^2/NDF : 6765.0/38

dit_sam3_4eX_slope vs Slug, Sign Corrected



Left: -114.962 ± 0.219 $\chi^2/\text{NDF}: 4496.8/5$
 Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$
 In: -106.843 ± 0.102 $\chi^2/\text{NDF}: 6213.2/16$
 Out: -111.317 ± 0.050 $\chi^2/\text{NDF}: 13590.6/21$
 All: -110.465 ± 0.045 $\chi^2/\text{NDF}: 21347.4/38$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 $\pm$ 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.606 $\pm$ 0.006 χ^2/NDF :860.1/3

Right Out: 0.231 $\pm$ 0.004 χ^2/NDF : 2907.8/17

Left In: 0.486 $\pm$ 0.004 χ^2/NDF :2394.5/1

Left: 0.525 $\pm$ 0.004 χ^2/NDF : 3499.7/5

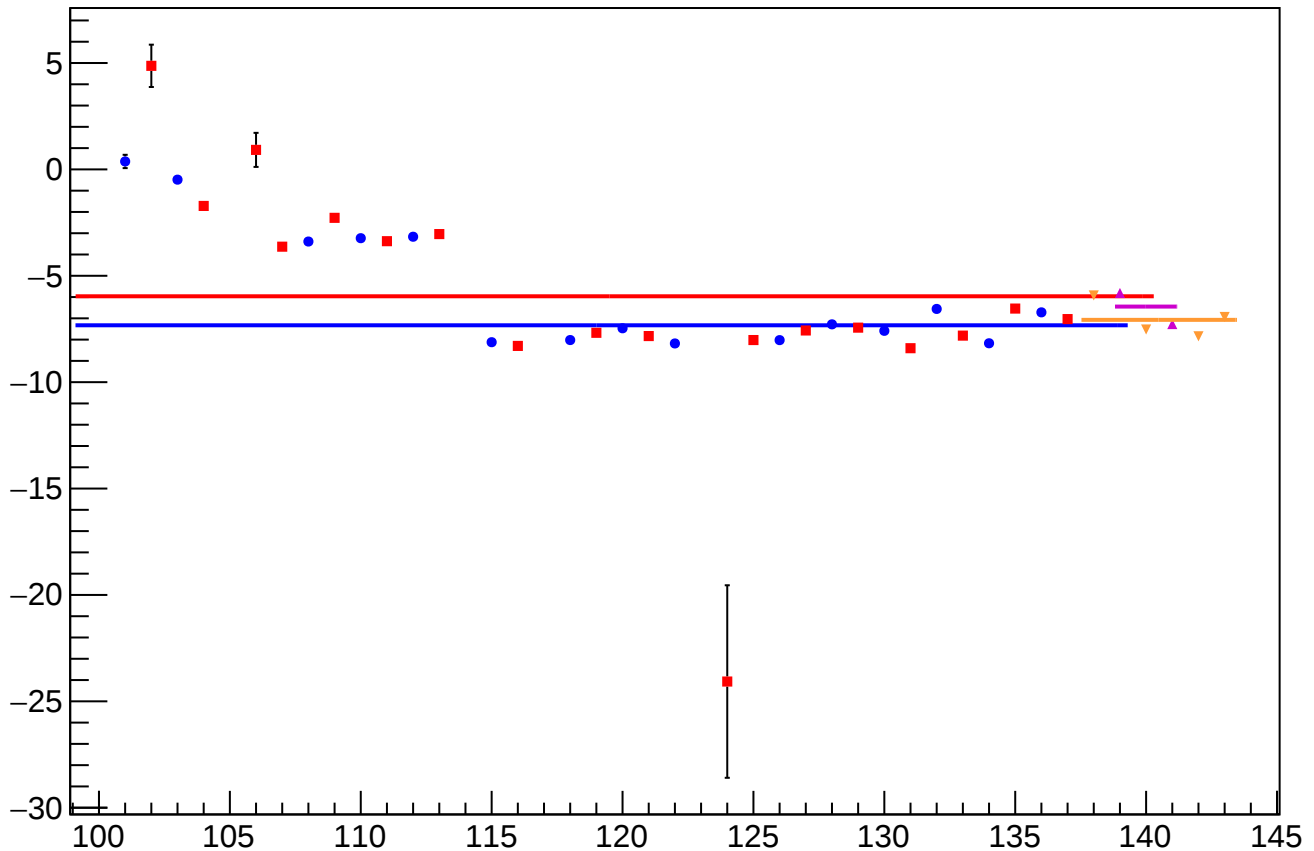
Right: 0.247 $\pm$ 0.003 χ^2/NDF : 4554.2/32

In: 0.399 $\pm$ 0.003 χ^2/NDF :4975.3/16

Out: 0.354 $\pm$ 0.004 χ^2/NDF :6136.7/21

All: 0.378 $\pm$ 0.002 χ^2/NDF : 11194.9/38

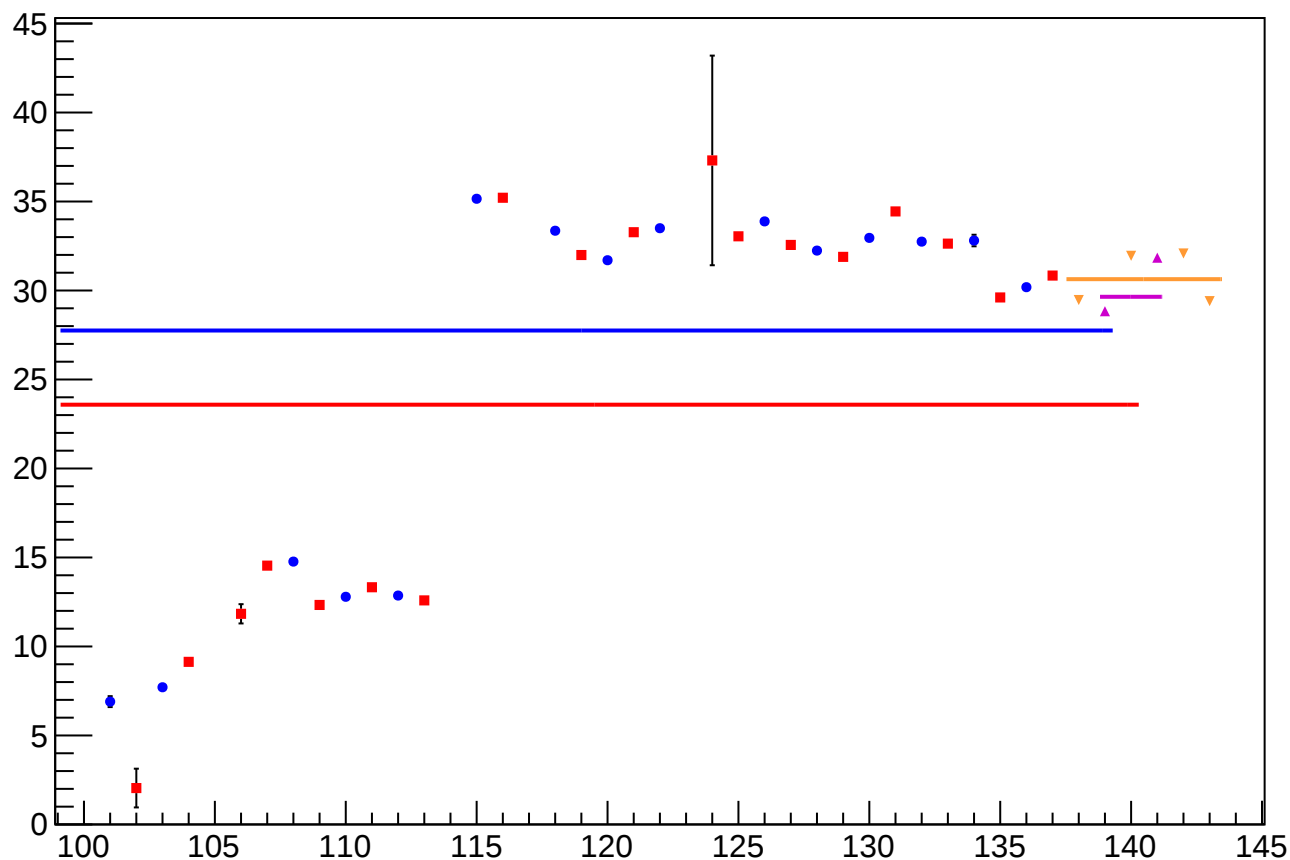
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14
 Left Out: -7.072+/-0.018 χ^2/NDF : 932.8/3
 Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17
 Left In: -6.447+/-0.015 χ^2/NDF : 2243.2/1

Left: -6.707+/-0.012 χ^2/NDF : 3868.5/5
 Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32
 In: -7.124+/-0.007 χ^2/NDF : 35275.9/16
 Out: -6.174+/-0.008 χ^2/NDF : 75769.8/21
 All: -6.683+/-0.005 χ^2/NDF : 118791.8/38

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 30.637 $\pm$ 0.031 χ^2/NDF :1779.1/3

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: 30.238 $\pm$ 0.024 χ^2/NDF : 3496.8/5

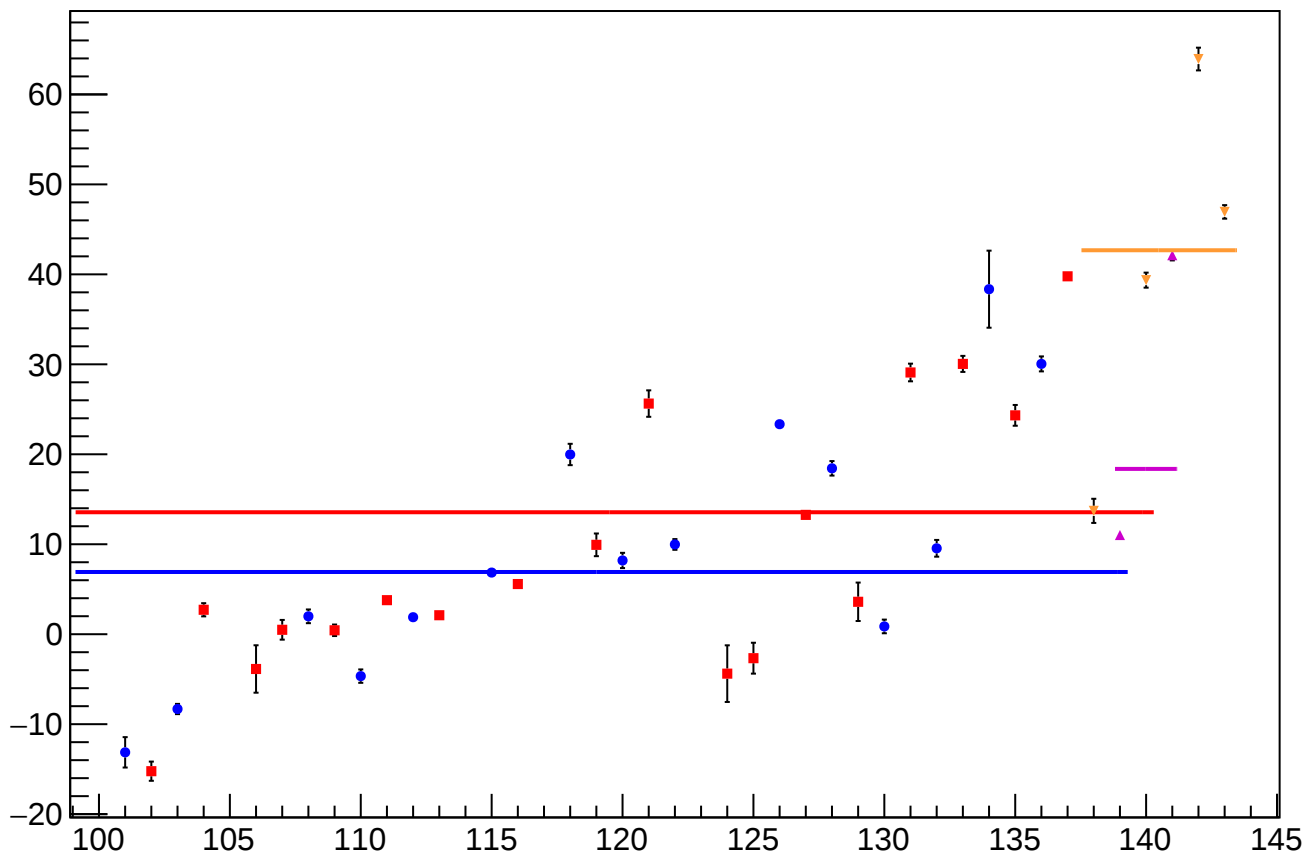
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.019 $\pm$ 0.014 χ^2/NDF :336459.3/16

Out: 24.769 $\pm$ 0.013 χ^2/NDF :585809.3/21

All: 26.219 $\pm$ 0.009 χ^2/NDF : 952391.3/38

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 42.678 ± 0.478 $\chi^2/\text{NDF}: 796.8/3$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 18.375 ± 0.282 $\chi^2/\text{NDF}: 2201.8/1$

Left: 24.641 ± 0.243 $\chi^2/\text{NDF}: 4919.3/5$

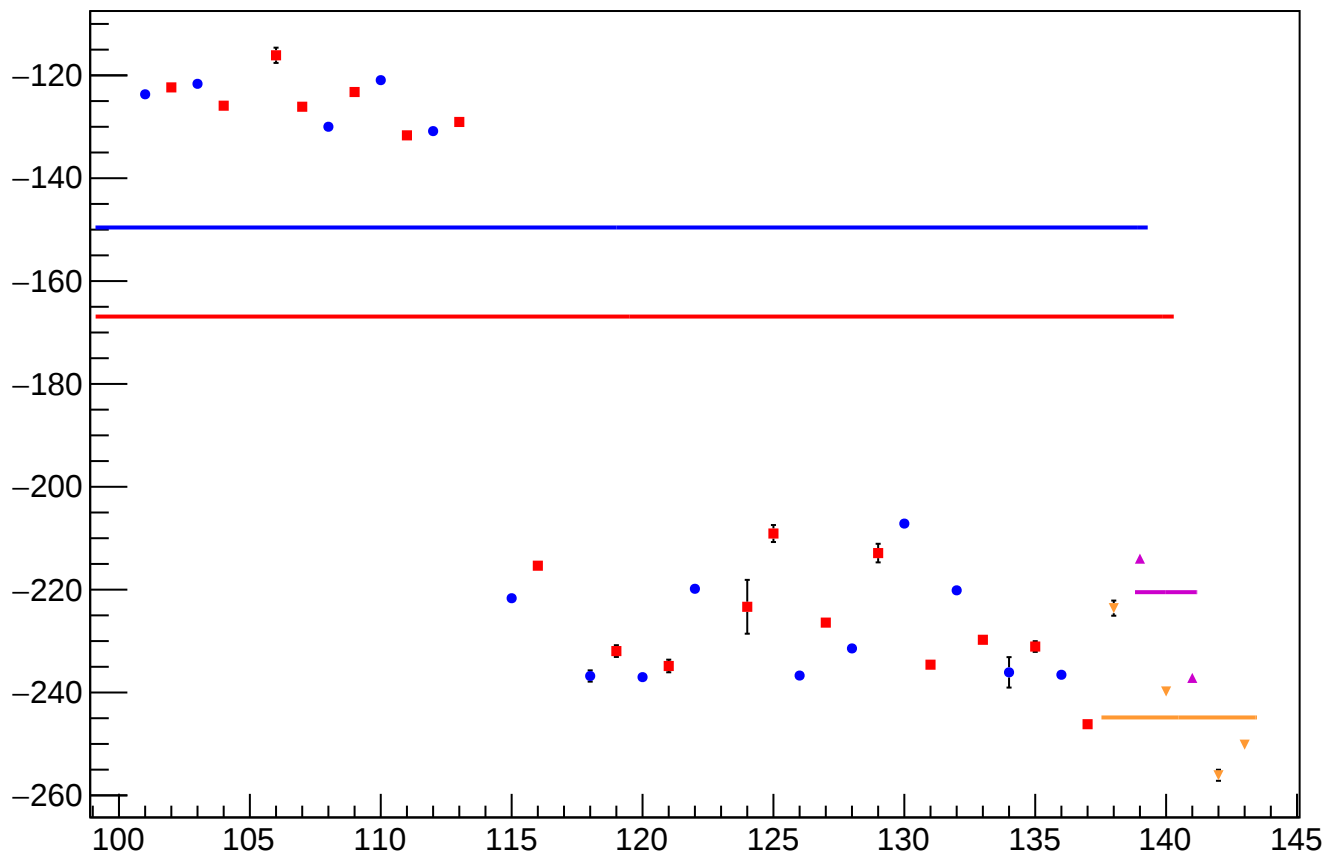
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 10.150 ± 0.150 $\chi^2/\text{NDF}: 6893.6/16$

Out: 16.015 ± 0.139 $\chi^2/\text{NDF}: 15856.2/21$

All: 13.301 ± 0.102 $\chi^2/\text{NDF}: 23576.1/38$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -244.851 ± 0.408 χ^2/NDF : 442.6/3

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: -226.782 ± 0.207 χ^2/NDF : 4963.8/5

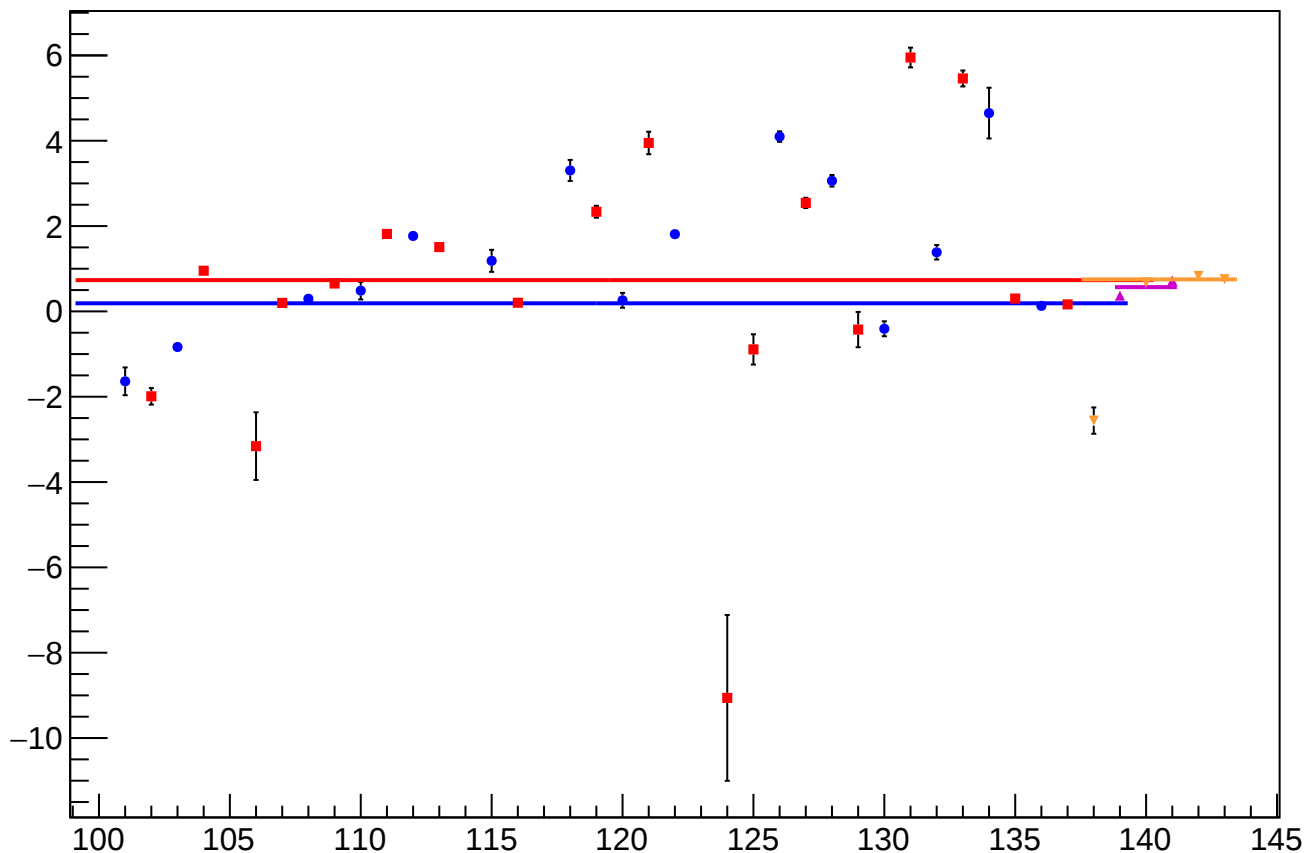
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -160.173 ± 0.093 χ^2/NDF : 270788.3/16

Out: -171.367 ± 0.098 χ^2/NDF : 330355.9/21

All: -165.498 ± 0.067 χ^2/NDF : 608031.7/38

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.750 $\pm$ 0.009 χ^2 /NDF:153.7/3

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: 0.649 $\pm$ 0.006 χ^2 /NDF: 930.6/5

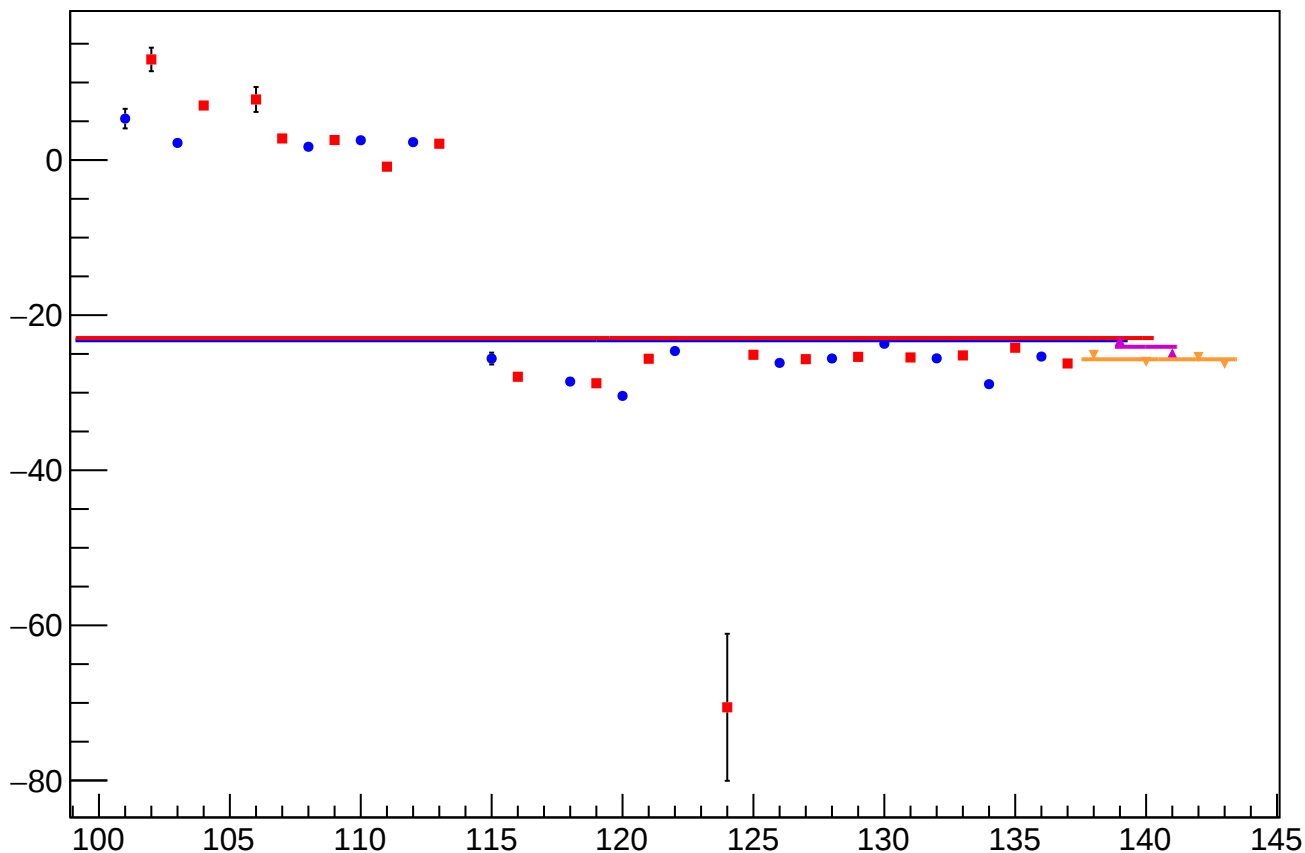
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.402 $\pm$ 0.006 χ^2 /NDF:4342.4/16

Out: 0.747 $\pm$ 0.008 χ^2 /NDF:2821.2/21

All: 0.521 $\pm$ 0.005 χ^2 /NDF: 8423.5/38

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -25.693 ± 0.046 $\chi^2/\text{NDF}: 111.9/3$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -24.078 ± 0.061 $\chi^2/\text{NDF}: 171.6/1$

Left: -25.106 ± 0.037 $\chi^2/\text{NDF}: 728.8/5$

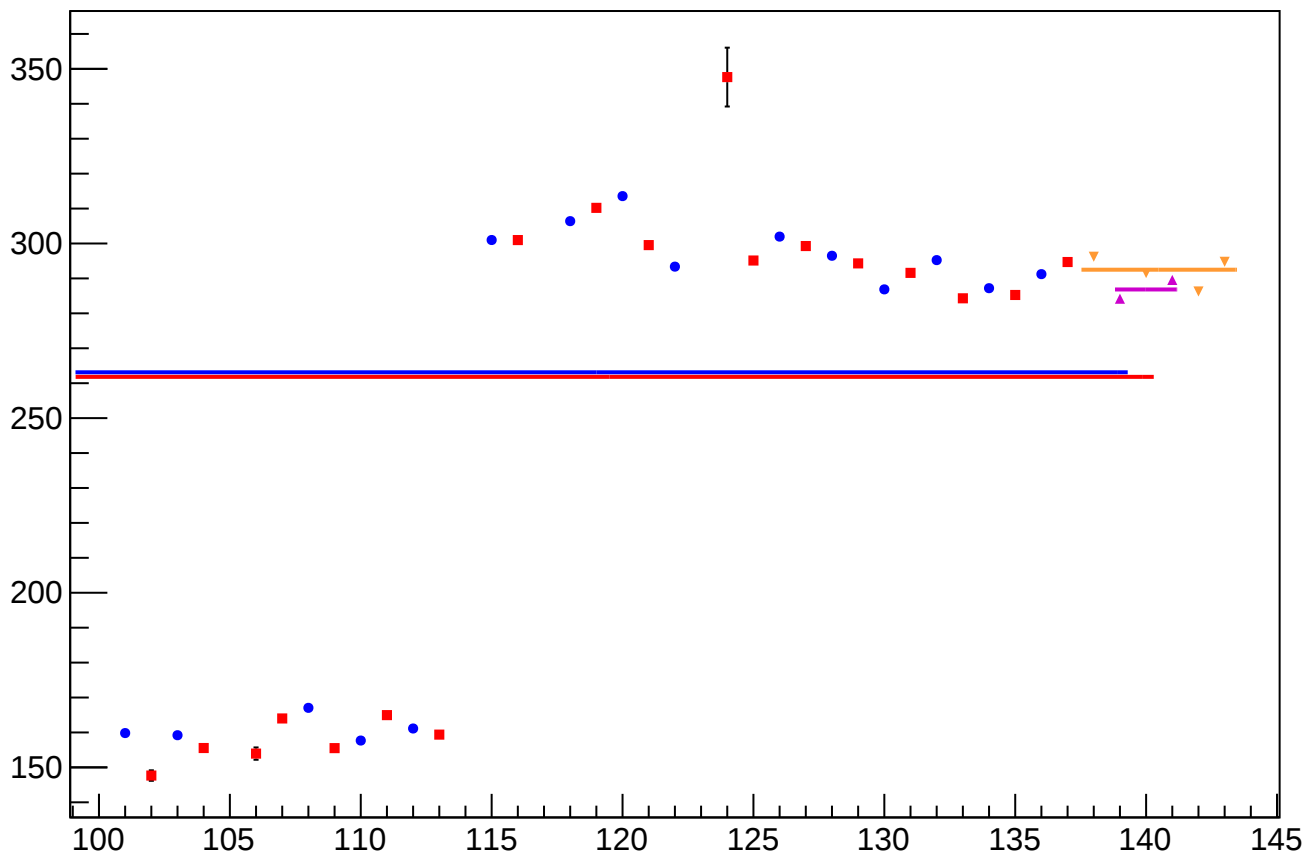
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -23.359 ± 0.023 $\chi^2/\text{NDF}: 103435.6/16$

Out: -23.561 ± 0.022 $\chi^2/\text{NDF}: 110895.5/21$

All: -23.465 ± 0.016 $\chi^2/\text{NDF}: 214371.8/38$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 292.494+/-0.089 χ^2/NDF :1607.0/3

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: 291.498+/-0.081 χ^2/NDF : 2504.7/5

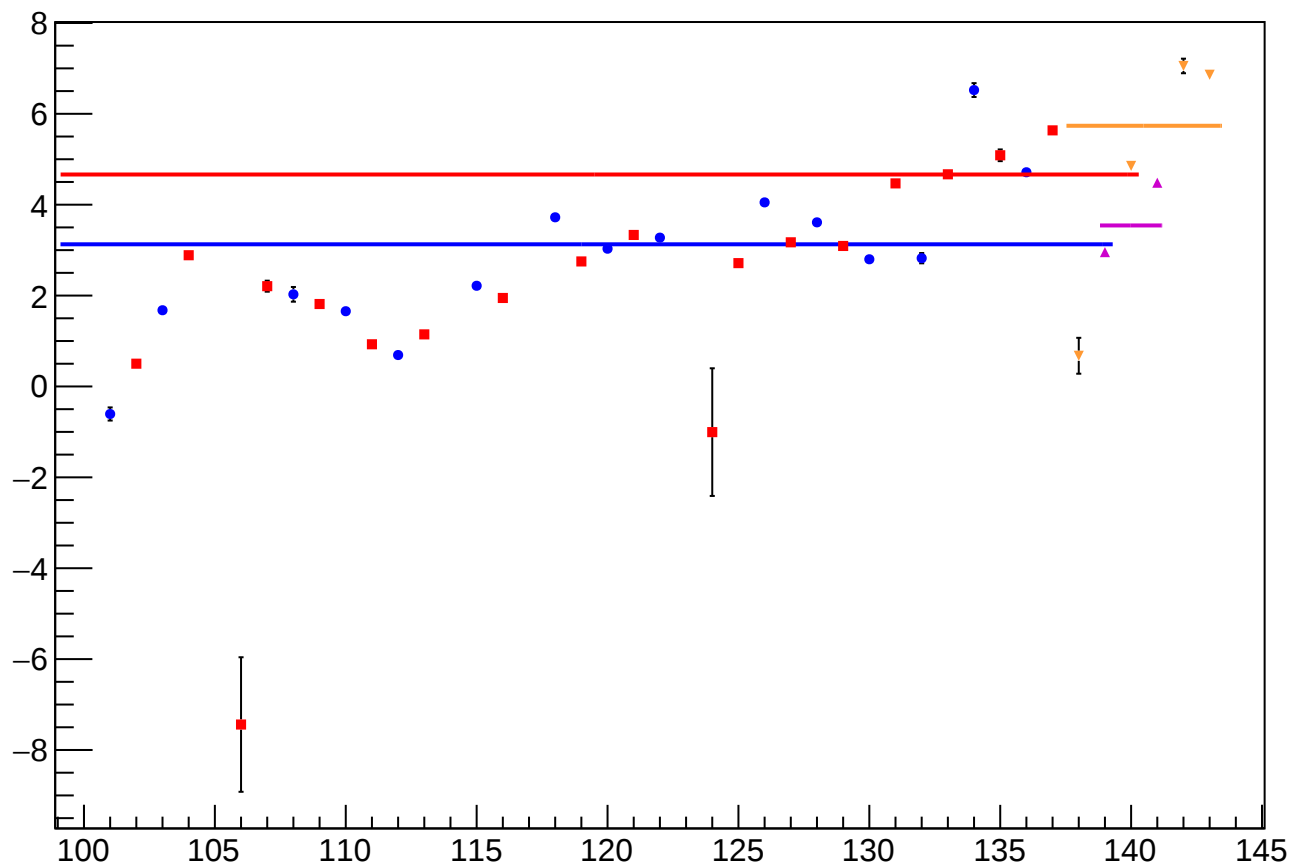
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 265.802+/-0.065 χ^2/NDF :706405.2/16

Out: 271.433+/-0.050 χ^2/NDF :1088581.7/21

All: 269.338+/-0.040 χ^2/NDF : 1799691.8/38

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128+/-0.016 χ^2/NDF : 5667.8/14

Left Out: 5.737+/-0.058 χ^2/NDF : 478.1/3

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: 4.009+/-0.027 χ^2/NDF : 2218.6/5

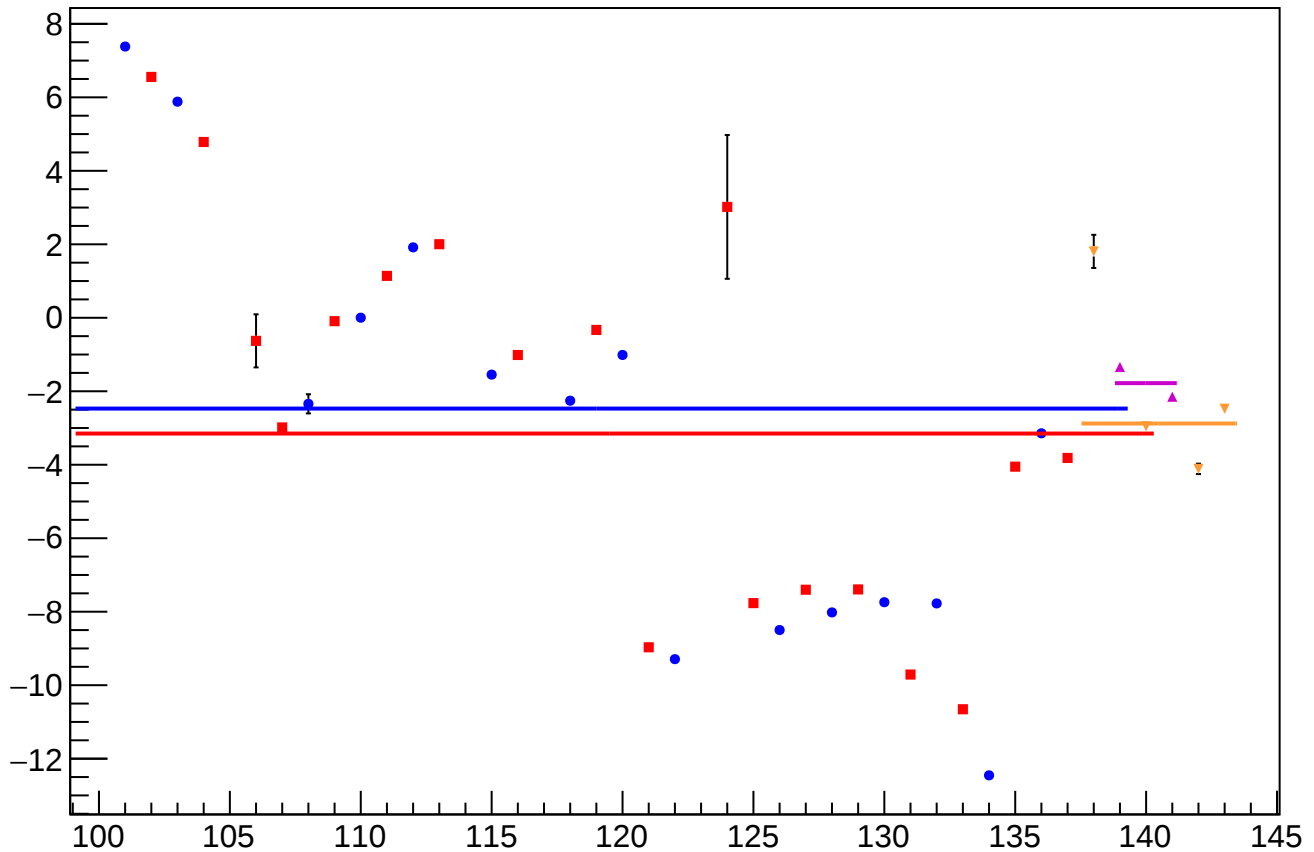
Right: 4.450+/-0.006 χ^2/NDF : 80704.7/32

In: 3.218+/-0.014 χ^2/NDF : 6427.2/16

Out: 4.677+/-0.006 χ^2/NDF : 67679.6/21

All: 4.429+/-0.006 χ^2/NDF : 83183.2/38

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: -2.877 ± 0.049 $\chi^2/\text{NDF}: 207.2/3$

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: -2.108 ± 0.027 $\chi^2/\text{NDF}: 707.5/5$

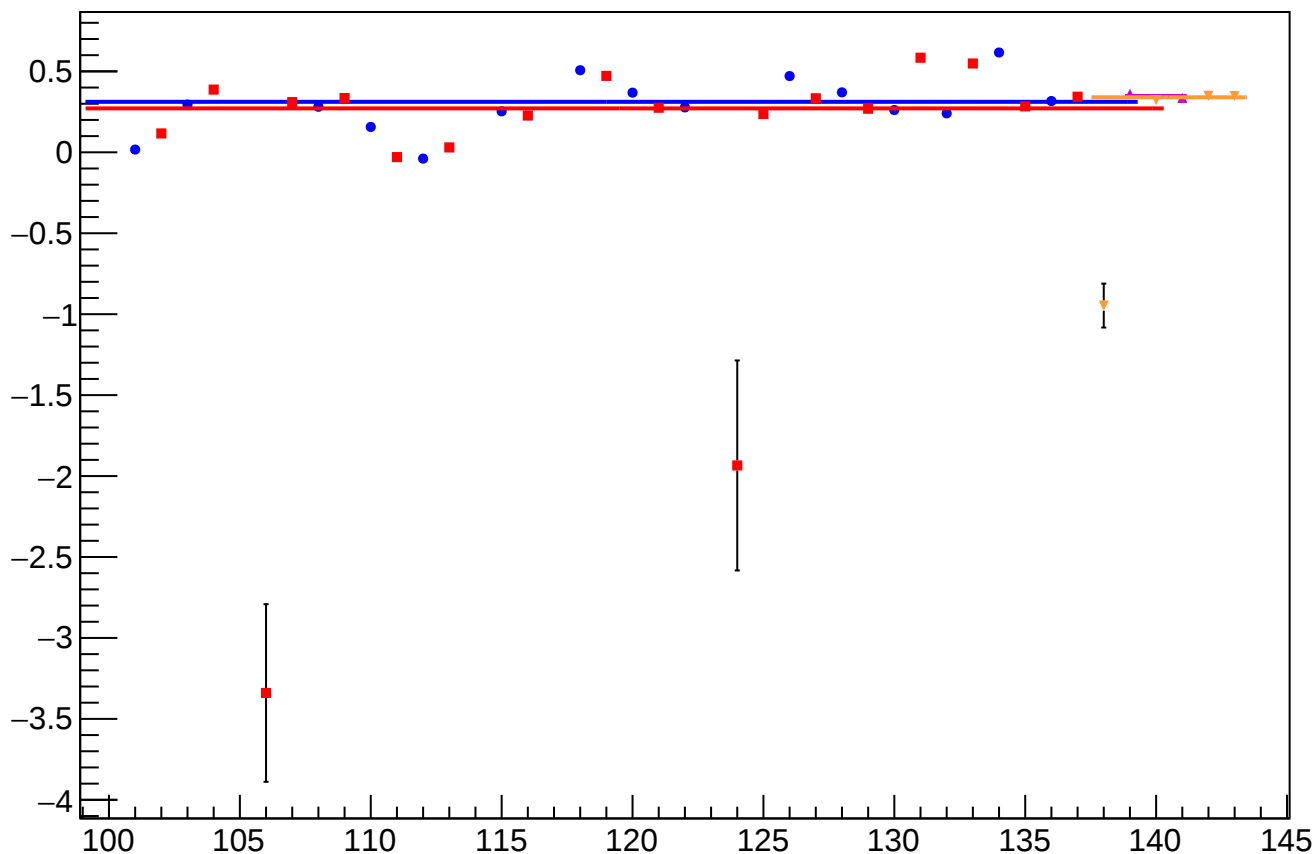
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -2.360 ± 0.013 $\chi^2/\text{NDF}: 243119.1/16$

Out: -3.145 ± 0.007 $\chi^2/\text{NDF}: 247664.9/21$

All: -2.953 ± 0.006 $\chi^2/\text{NDF}: 493566.8/38$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.340 ± 0.002 $\chi^2/\text{NDF}: 135.3/3$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.348 ± 0.004 $\chi^2/\text{NDF}: 10.5/1$

Left: 0.341 ± 0.002 $\chi^2/\text{NDF}: 149.3/5$

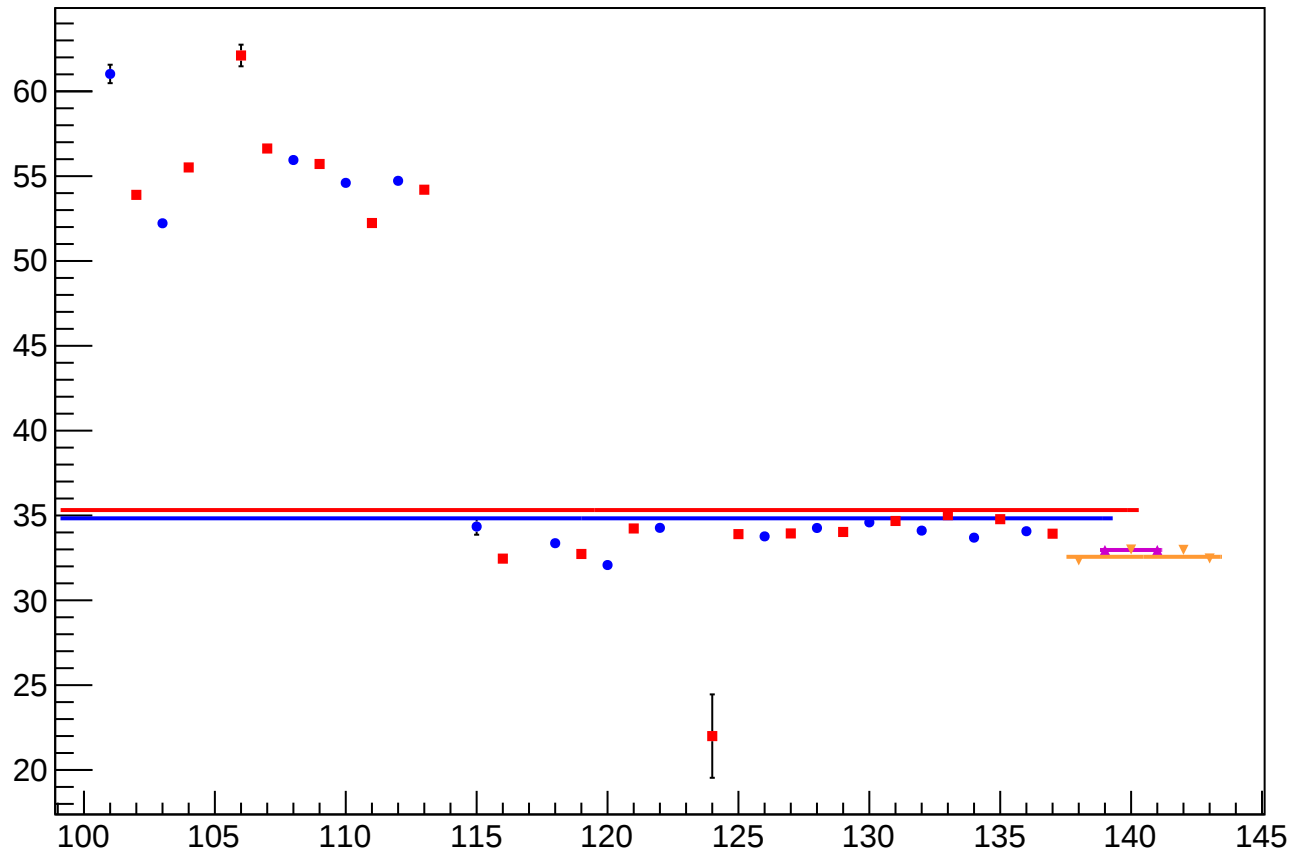
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.315 ± 0.001 $\chi^2/\text{NDF}: 1406.8/16$

Out: 0.313 ± 0.001 $\chi^2/\text{NDF}: 6919.1/21$

All: 0.314 ± 0.001 $\chi^2/\text{NDF}: 8328.2/38$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.564+/-0.015 χ^2/NDF : 285.8/3

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 32.966+/-0.021 χ^2/NDF : 0.0/1

Left: 32.697+/-0.012 χ^2/NDF : 527.0/5

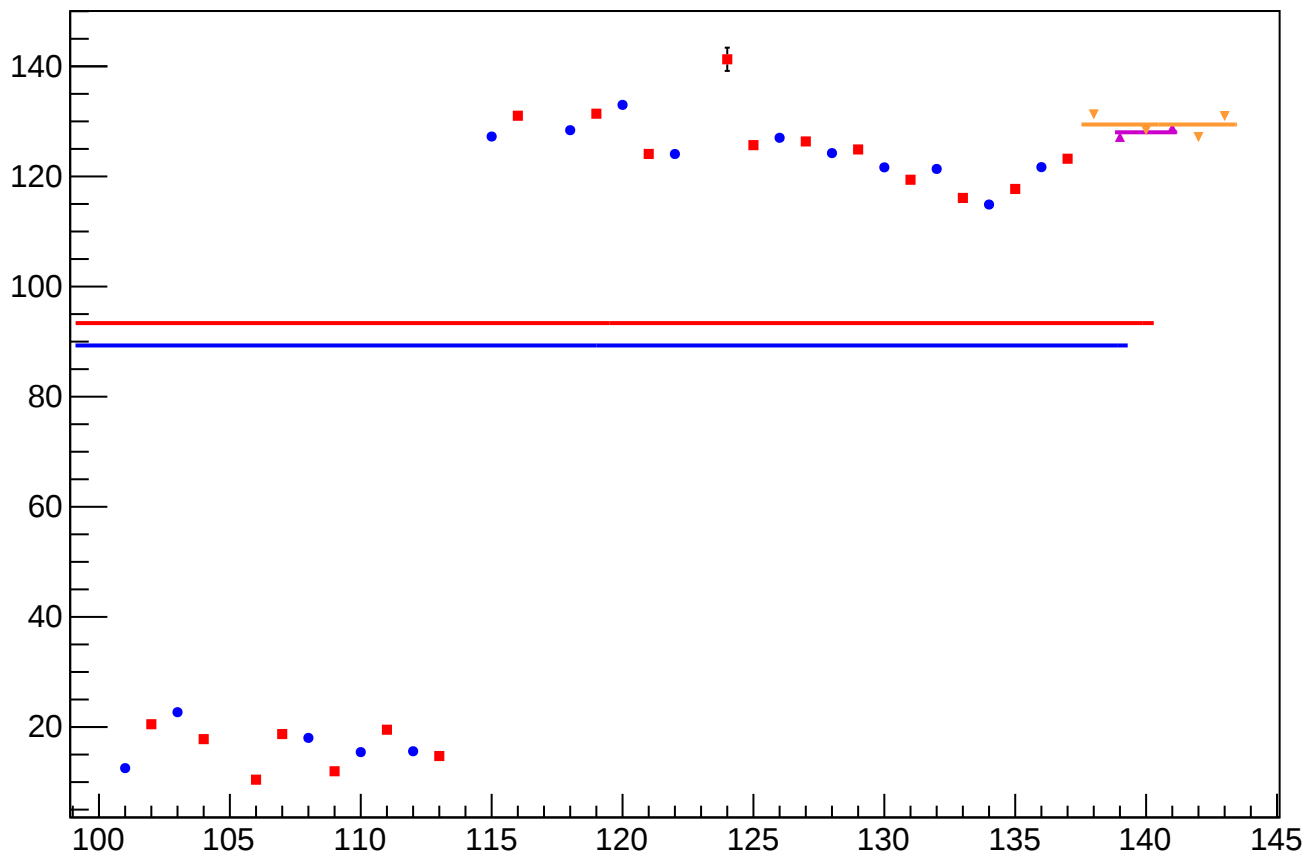
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 34.567+/-0.008 χ^2/NDF : 252226.8/16

Out: 34.468+/-0.008 χ^2/NDF : 285435.0/21

All: 34.519+/-0.006 χ^2/NDF : 537734.9/38

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302+/-0.027 χ^2/NDF : 3034485.1/14

Left Out: 129.434+/-0.039 χ^2/NDF :2066.3/3

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: 129.085+/-0.034 χ^2/NDF : 2541.5/5

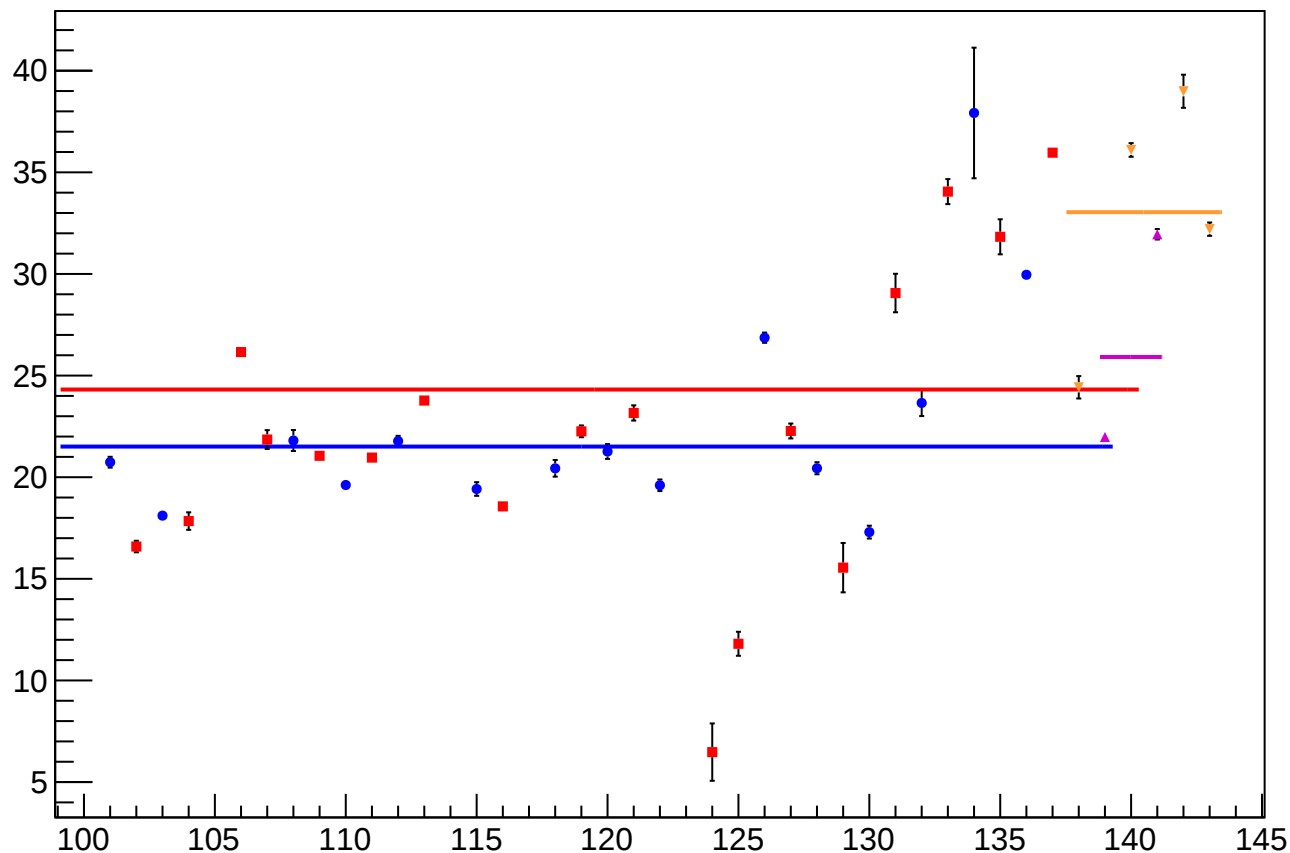
Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32

In: 94.770+/-0.025 χ^2/NDF :3315841.3/16

Out: 106.850+/-0.024 χ^2/NDF :3396966.5/21

All: 101.236+/-0.017 χ^2/NDF : 6833609.2/38

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507+/-0.072 χ^2/NDF : 2963.0/14

Left Out: 33.039+/-0.209 χ^2/NDF :387.1/3

Right Out: 24.314+/-0.058 χ^2/NDF : 14295.4/17

Left In: 25.915+/-0.162 χ^2/NDF :910.7/1

Left: 28.578+/-0.128 χ^2/NDF : 2025.1/5

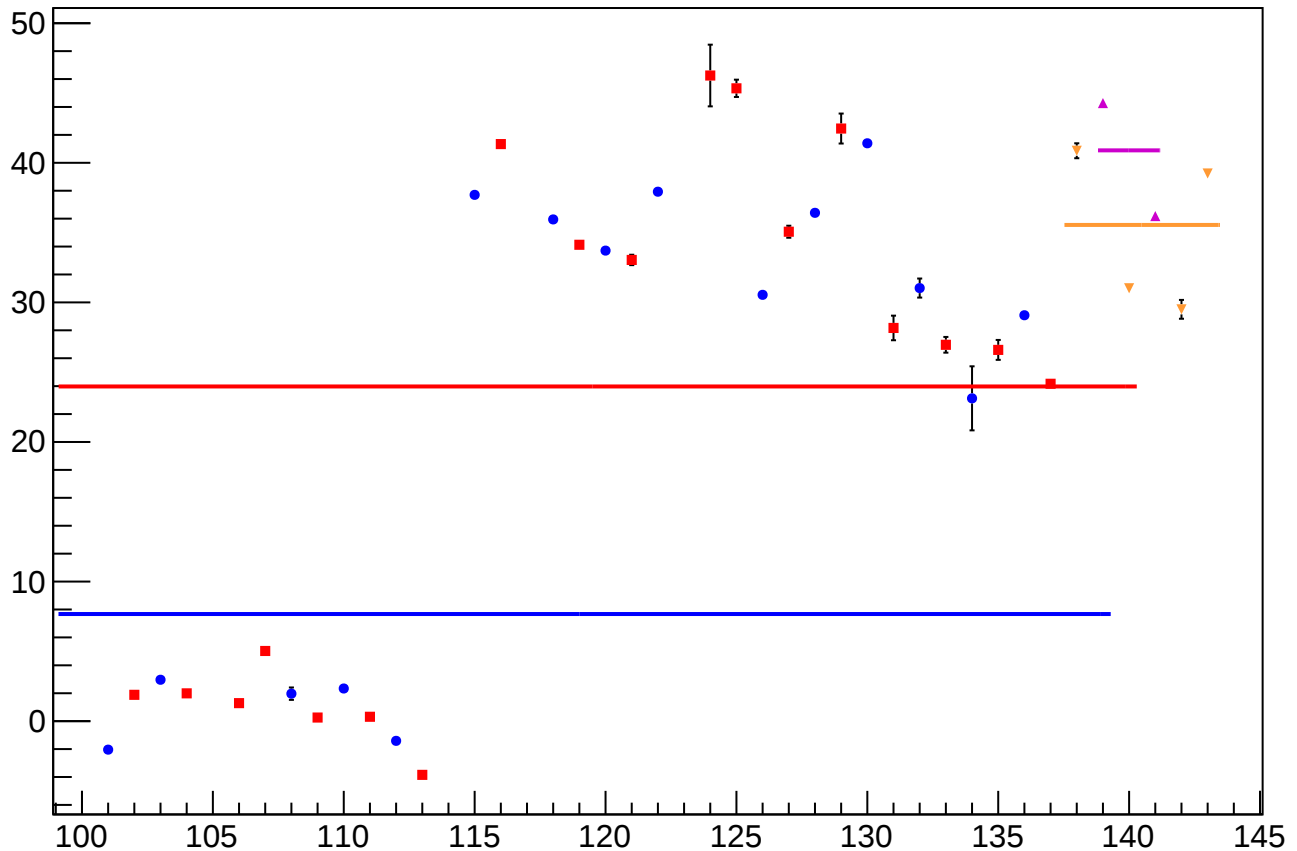
Right: 23.204+/-0.045 χ^2/NDF : 18169.2/32

In: 22.243+/-0.066 χ^2/NDF :4494.2/16

Out: 24.947+/-0.056 χ^2/NDF :16298.3/21

All: 23.808+/-0.043 χ^2/NDF : 21763.6/38

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 35.549 ± 0.181 $\chi^2/\text{NDF}: 597.8/3$

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: 39.033 ± 0.107 $\chi^2/\text{NDF}: 2076.0/5$

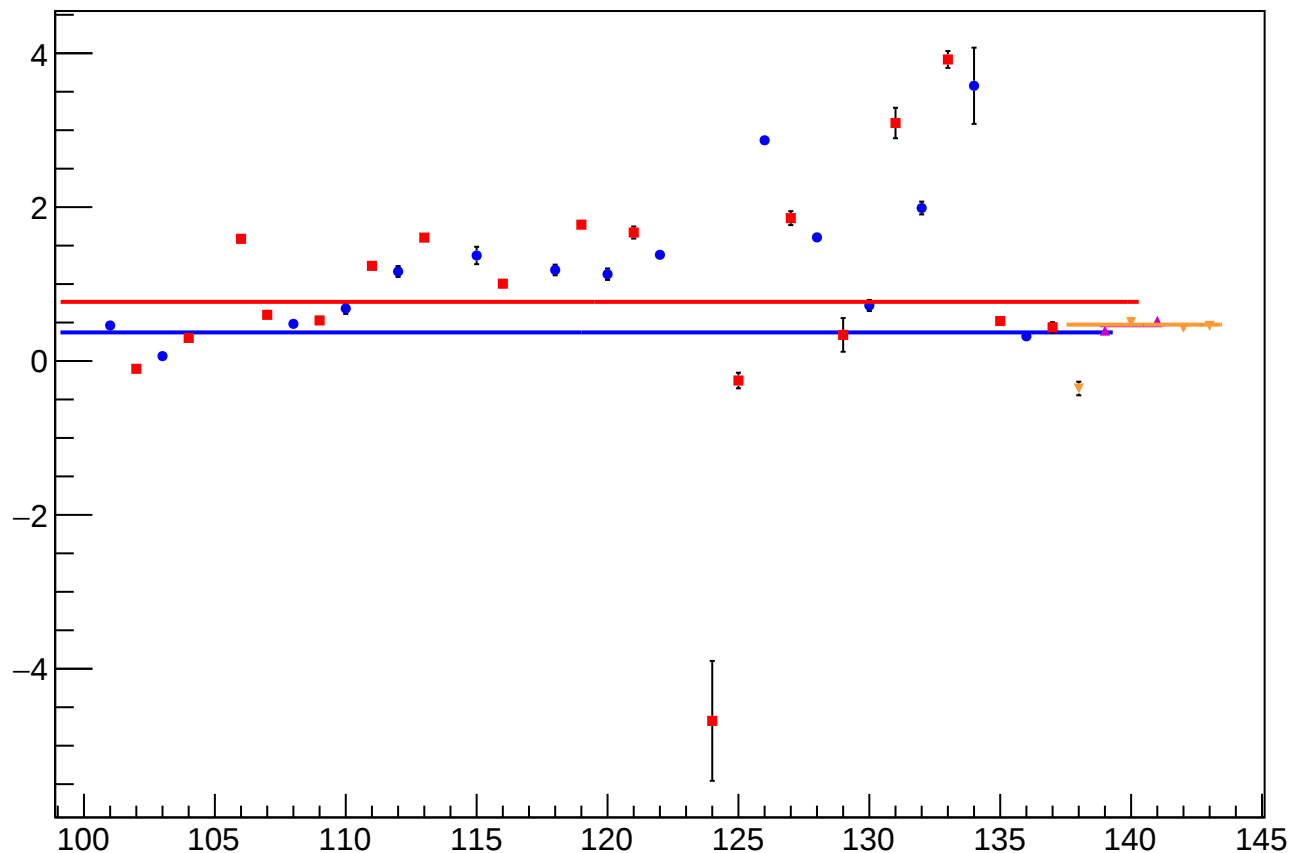
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 11.151 ± 0.043 $\chi^2/\text{NDF}: 153784.9/16$

Out: 24.001 ± 0.008 $\chi^2/\text{NDF}: 115234.5/21$

All: 23.549 ± 0.008 $\chi^2/\text{NDF}: 355972.2/38$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.473 ± 0.003 $\chi^2/\text{NDF}: 168.3/3$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.465 ± 0.003 $\chi^2/\text{NDF}: 363.7/1$

Left: 0.469 ± 0.002 $\chi^2/\text{NDF}: 535.3/5$

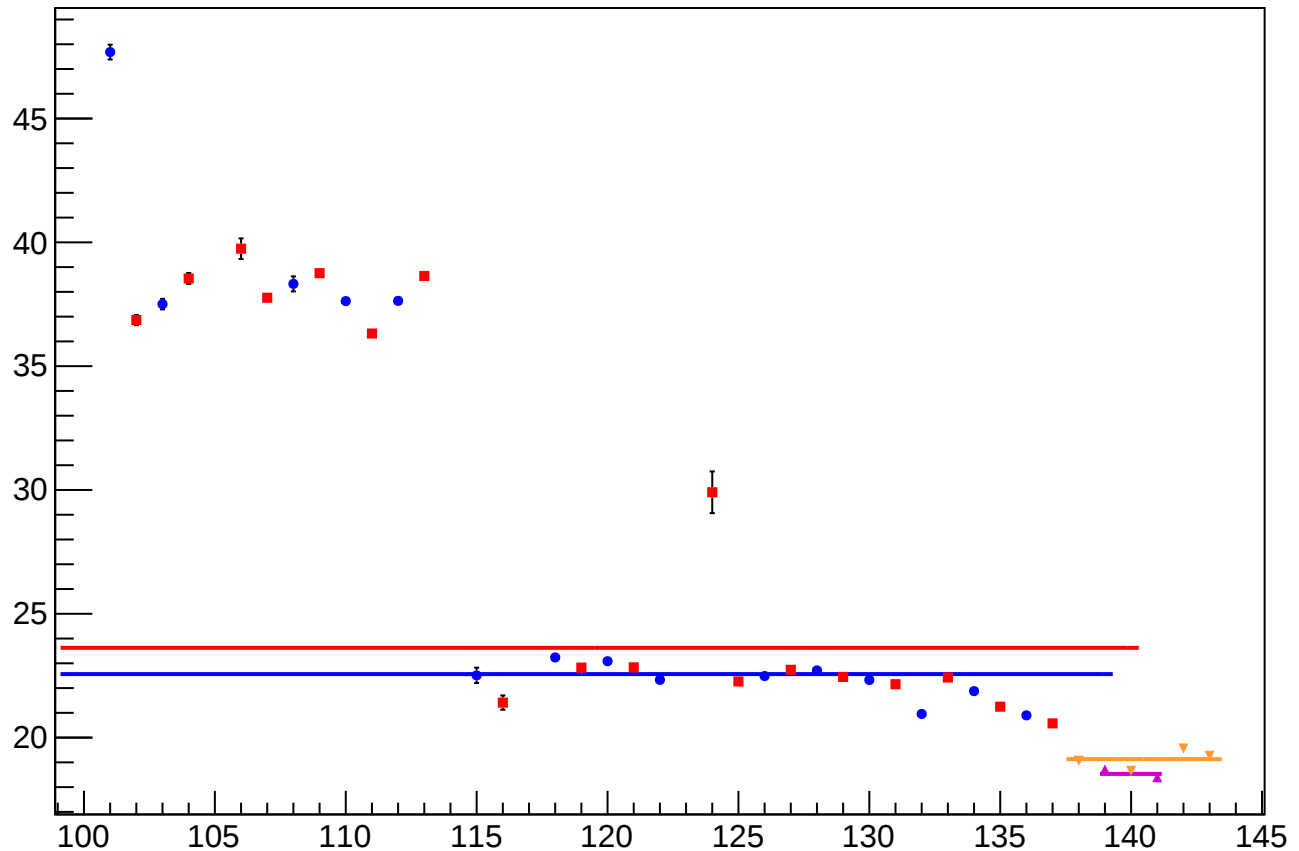
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.430 ± 0.003 $\chi^2/\text{NDF}: 5399.3/16$

Out: 0.518 ± 0.003 $\chi^2/\text{NDF}: 5851.4/21$

All: 0.473 ± 0.002 $\chi^2/\text{NDF}: 11785.5/38$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 19.131 $\pm$ 0.014 χ^2 /NDF: 531.6/3

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 18.534 $\pm$ 0.019 χ^2 /NDF: 64.1/1

Left: 18.931 $\pm$ 0.011 χ^2 /NDF: 1233.7/5

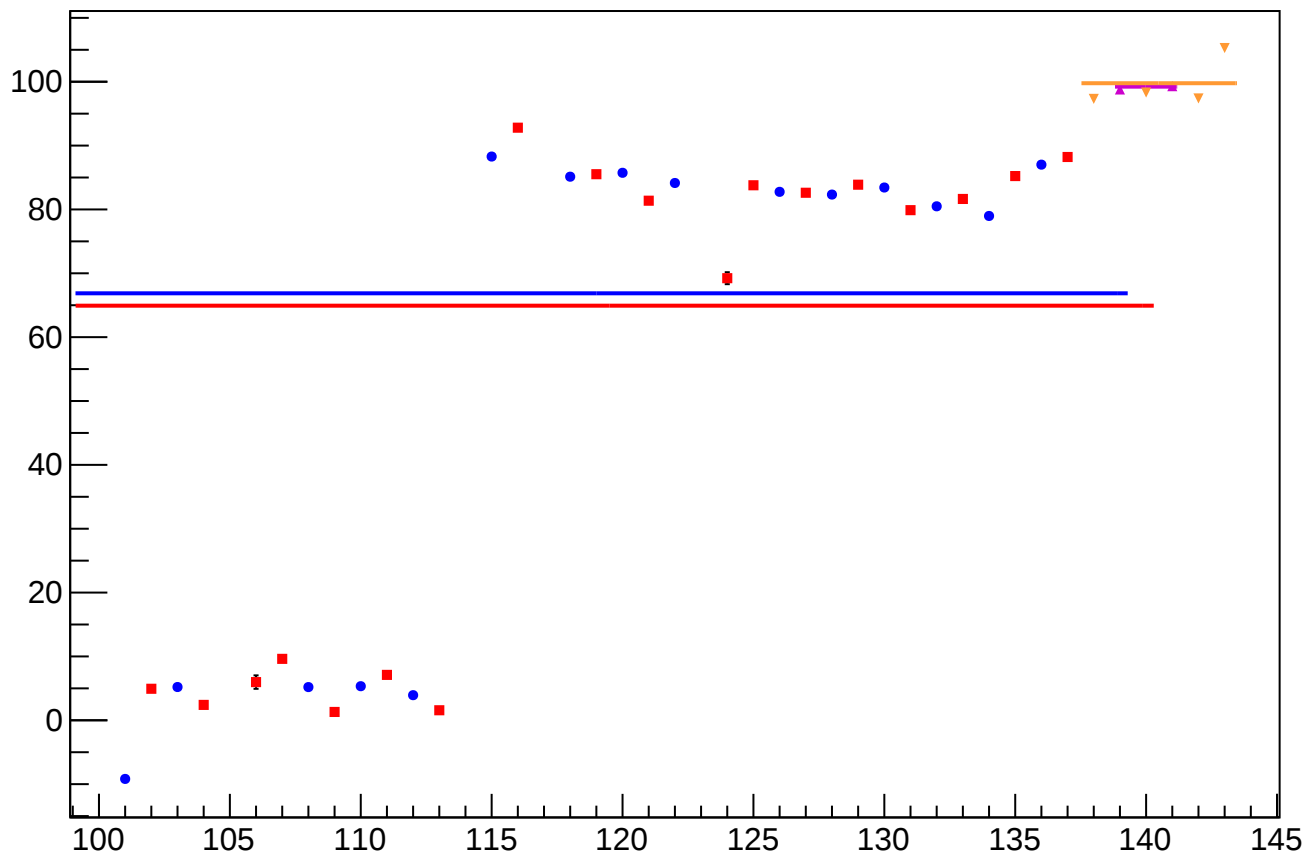
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 21.687 $\pm$ 0.009 χ^2 /NDF: 127095.6/16

Out: 21.820 $\pm$ 0.009 χ^2 /NDF: 188253.2/21

All: 21.756 $\pm$ 0.006 χ^2 /NDF: 315460.5/38

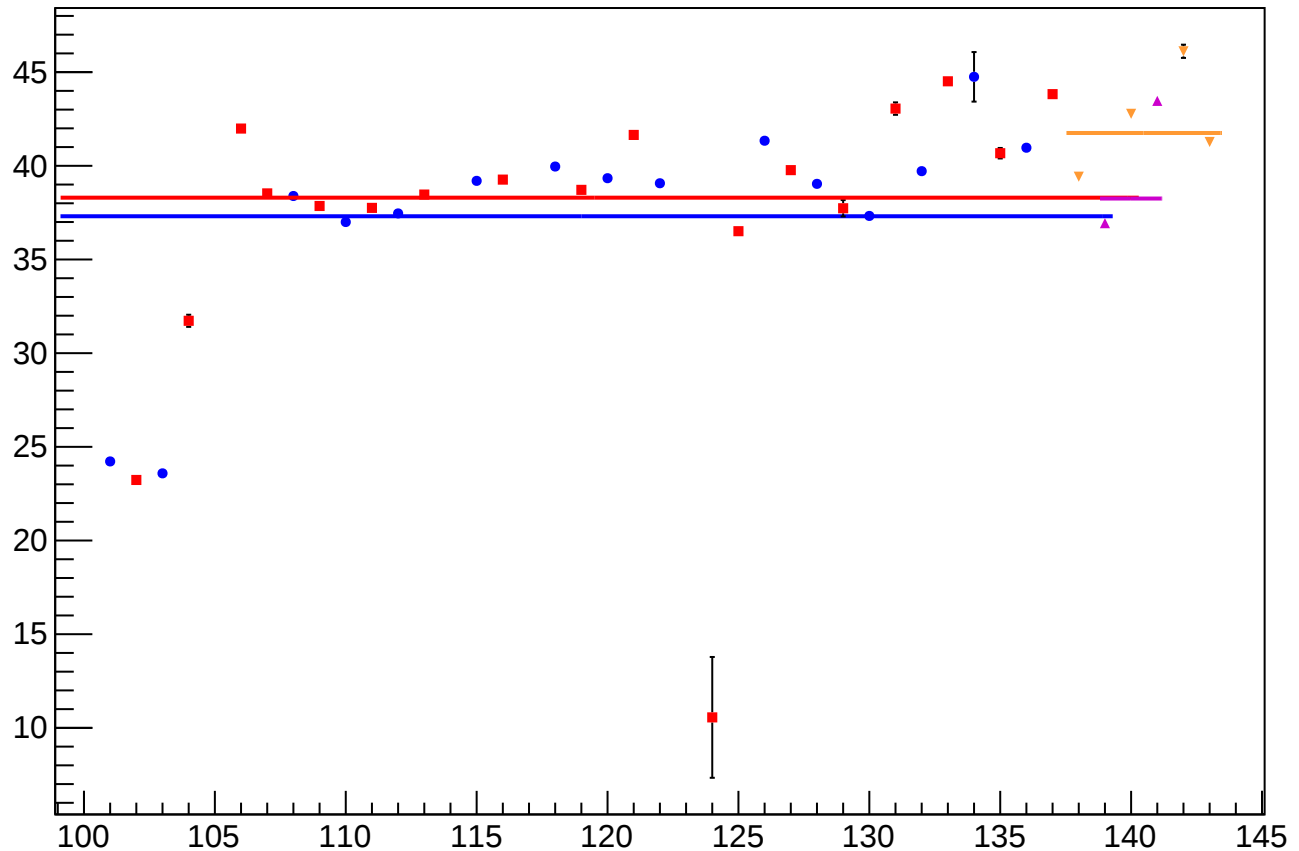
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2/NDF : 1494212.3/14
 Left Out: 99.767 $\pm$ 0.030 χ^2/NDF :12777.9/3
 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: 99.523 $\pm$ 0.022 χ^2/NDF : 12956.4/5
 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: 82.342 $\pm$ 0.021 χ^2/NDF :2033779.7/21
 All: 81.174 $\pm$ 0.015 χ^2/NDF : 4115784.1/38

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 41.752 $\pm$ 0.081 χ^2 /NDF: 313.4/3

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 38.254 $\pm$ 0.062 χ^2 /NDF: 1803.7/1

Left: 39.543 $\pm$ 0.049 χ^2 /NDF: 3303.8/5

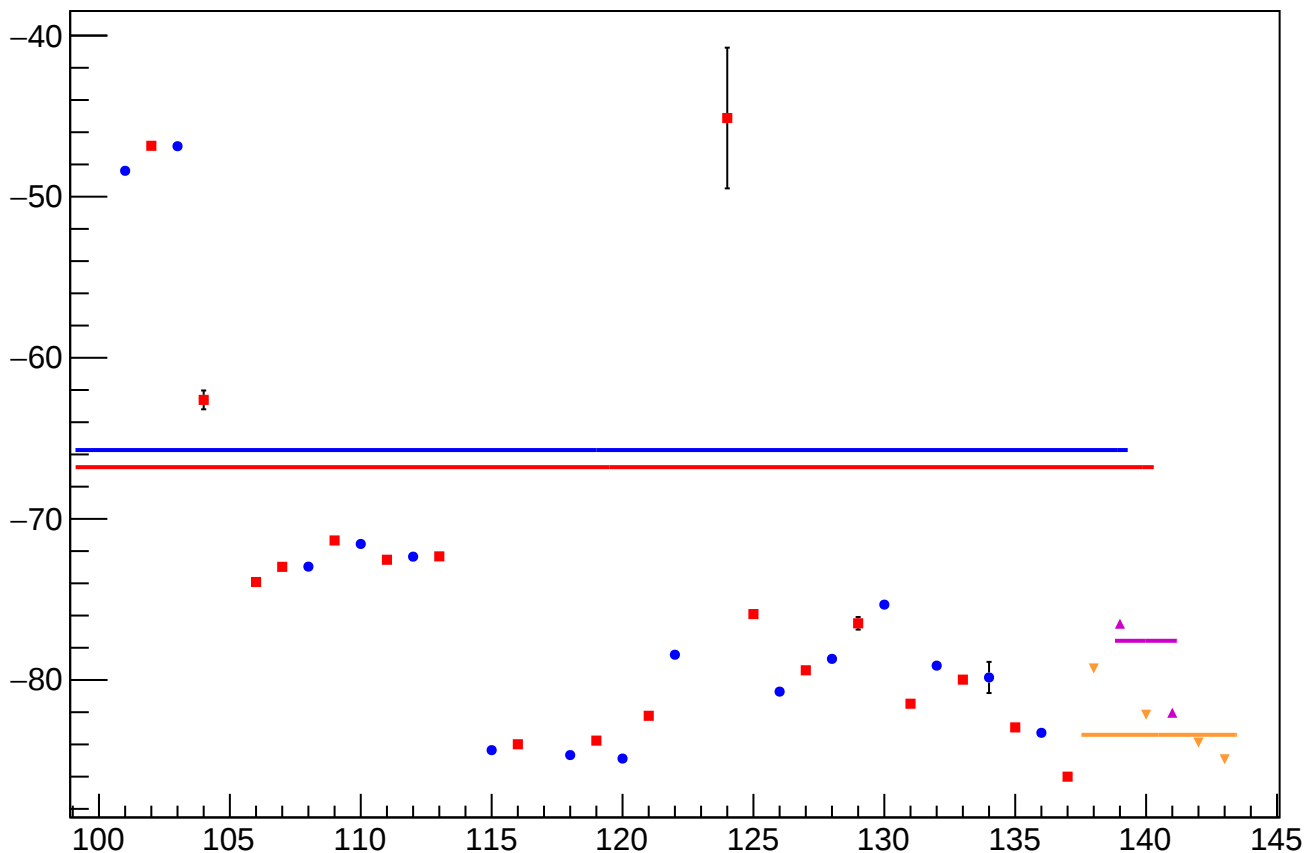
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.424 $\pm$ 0.022 χ^2 /NDF: 61590.0/16

Out: 38.509 $\pm$ 0.020 χ^2 /NDF: 20872.7/21

All: 38.012 $\pm$ 0.015 χ^2 /NDF: 83828.2/38

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728+/-0.017 χ^2/NDF : 903051.8/14

Left Out: -83.402+/-0.069 χ^2/NDF : 712.8/3

Right Out: -66.788+/-0.016 χ^2/NDF : 809356.5/17

Left In: -77.566+/-0.048 χ^2/NDF : 2026.5/1

Left: -79.484+/-0.040 χ^2/NDF : 7522.7/5

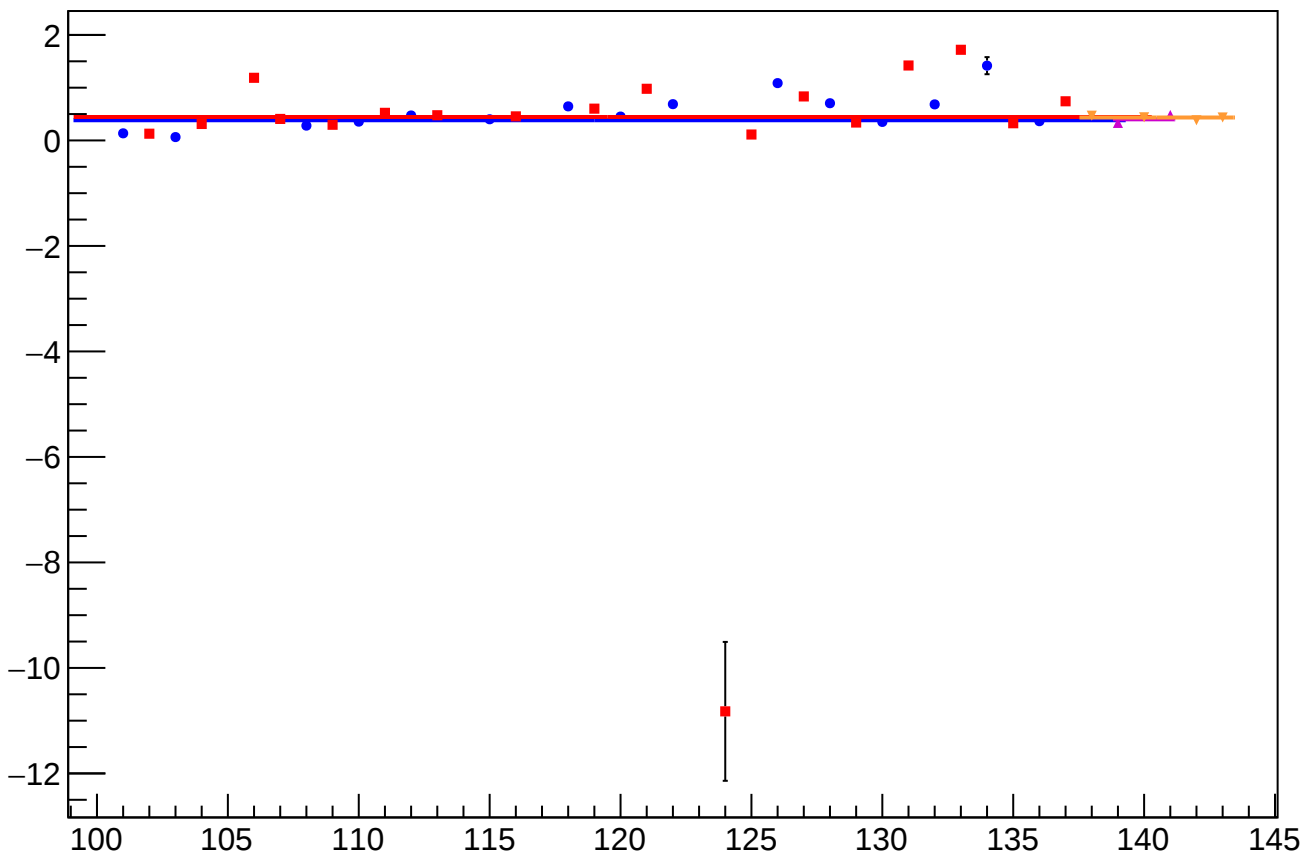
Right: -66.292+/-0.012 χ^2/NDF : 1714516.0/32

In: -67.009+/-0.016 χ^2/NDF : 958507.0/16

Out: -67.614+/-0.015 χ^2/NDF : 864951.6/21

All: -67.321+/-0.011 χ^2/NDF : 1824204.0/38

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.435 $\pm$ 0.002 χ^2 /NDF:47.3/3

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.400 $\pm$ 0.002 χ^2 /NDF:1799.8/1

Left: 0.418 $\pm$ 0.001 χ^2 /NDF: 2042.0/5

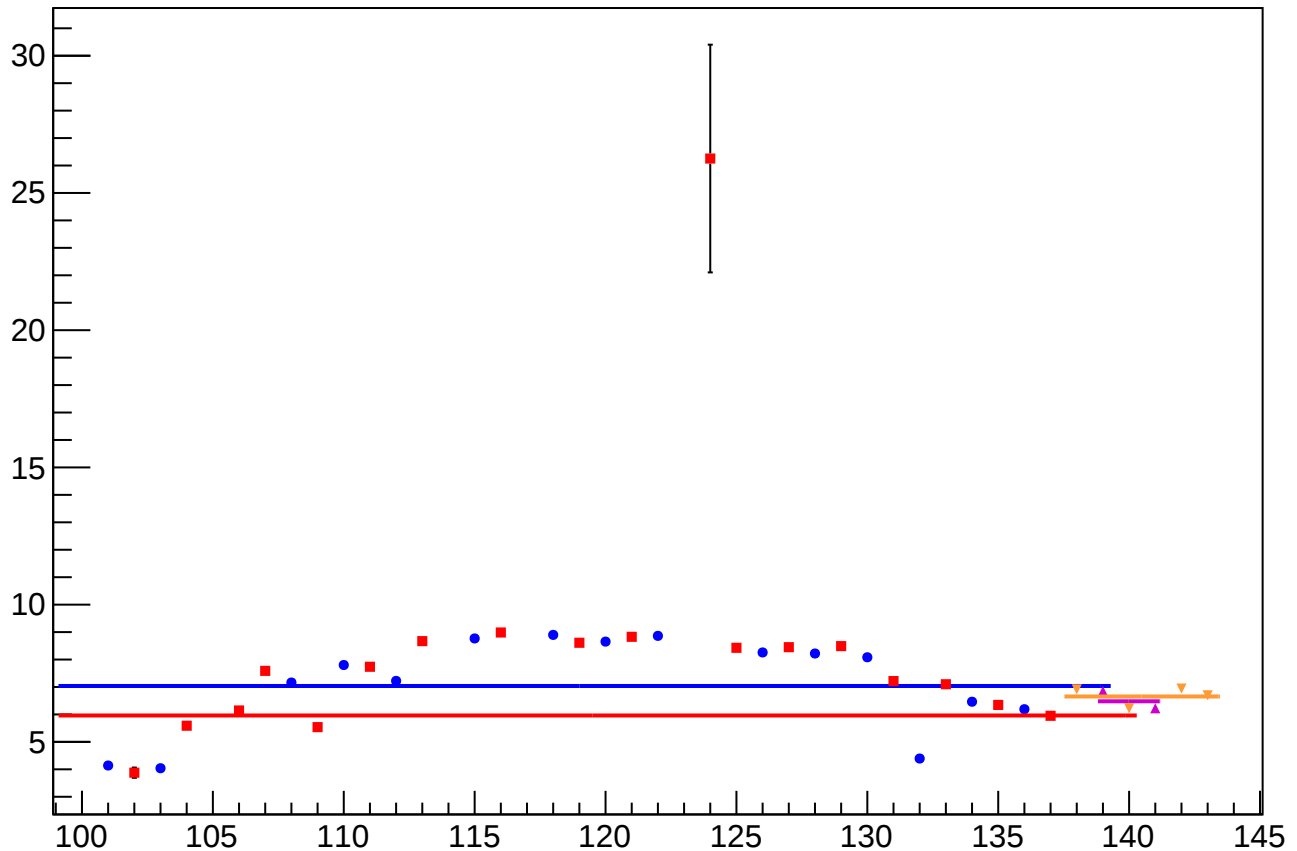
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.392 $\pm$ 0.001 χ^2 /NDF:10018.4/16

Out: 0.436 $\pm$ 0.002 χ^2 /NDF:2839.0/21

All: 0.410 $\pm$ 0.001 χ^2 /NDF: 13338.4/38

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.654 $\pm$ 0.005 χ^2/NDF :2659.5/3

Right Out: 5.962 $\pm$ 0.000 χ^2/NDF : 168372.8/17

Left In: 6.478 $\pm$ 0.006 χ^2/NDF :2652.5/1

Left: 6.588 $\pm$ 0.004 χ^2/NDF : 5850.6/5

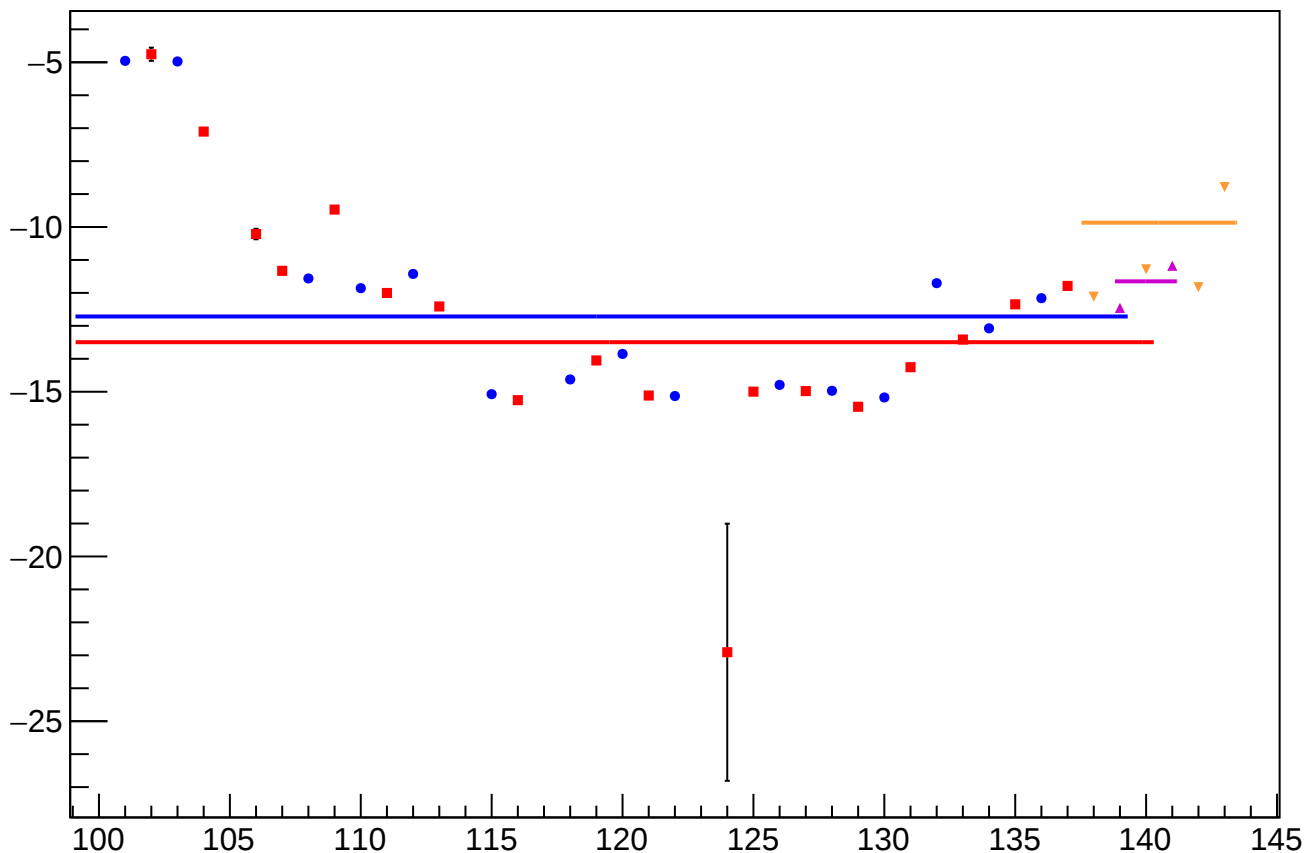
Right: 5.970 $\pm$ 0.000 χ^2/NDF : 294275.6/32

In: 6.833 $\pm$ 0.004 χ^2/NDF :78110.4/16

Out: 5.967 $\pm$ 0.000 χ^2/NDF :192956.8/21

All: 5.978 $\pm$ 0.000 χ^2/NDF : 328036.3/38

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 χ^2/NDF : 85219.4/14

Left Out: -9.868 ± 0.005 χ^2/NDF : 84335.6/3

Right Out: -13.496 ± 0.006 χ^2/NDF : 55753.8/17

Left In: -11.650 ± 0.011 χ^2/NDF : 3229.4/1

Left: -10.176 ± 0.005 χ^2/NDF : 109792.5/5

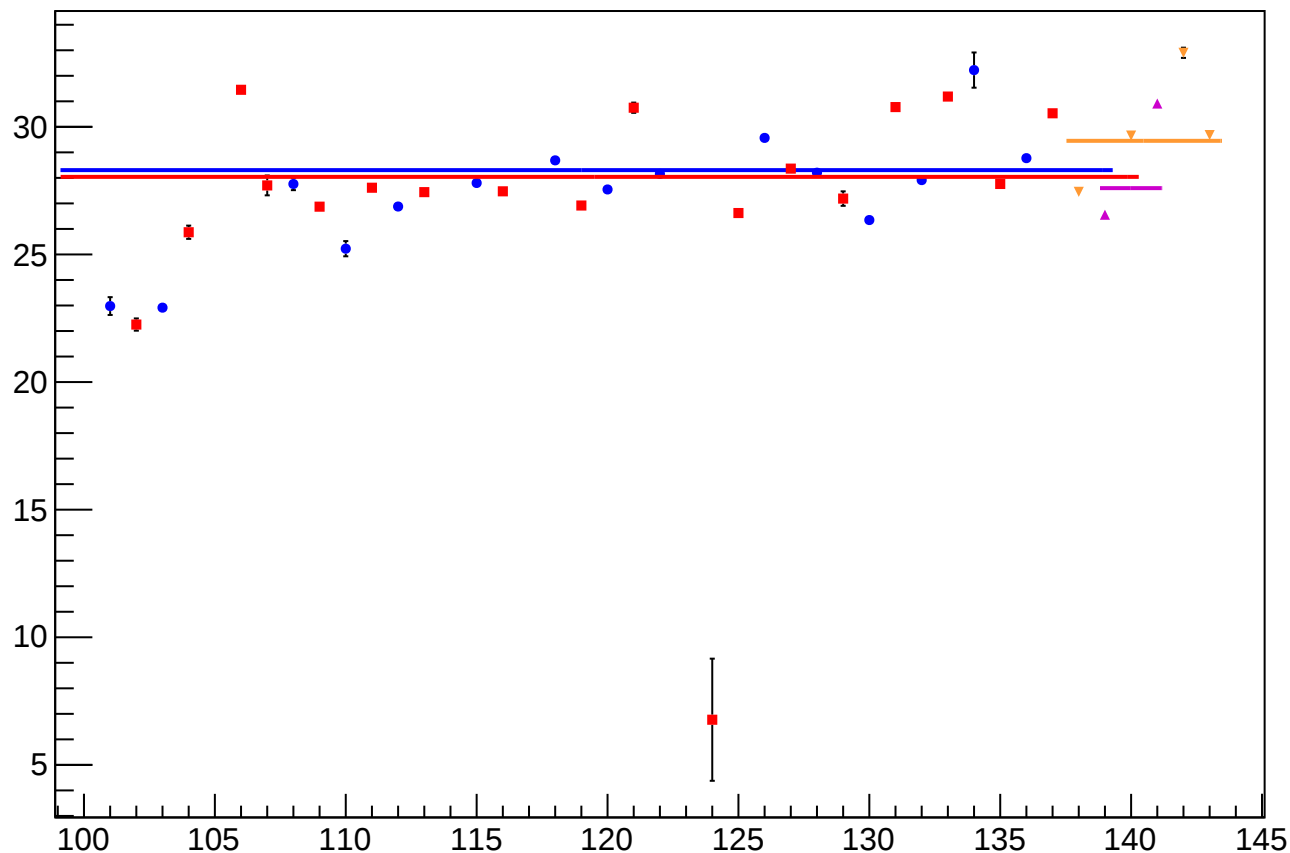
Right: -13.142 ± 0.004 χ^2/NDF : 149153.5/32

In: -12.442 ± 0.006 χ^2/NDF : 95601.0/16

Out: -11.401 ± 0.004 χ^2/NDF : 365165.3/21

All: -11.734 ± 0.003 χ^2/NDF : 485138.2/38

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304+/-0.023 χ^2 /NDF: 3400.0/14

Left Out: 29.452+/-0.054 χ^2 /NDF:590.2/3

Right Out: 28.040+/-0.030 χ^2 /NDF: 2561.5/17

Left In: 27.598+/-0.047 χ^2 /NDF:1584.7/1

Left: 28.396+/-0.035 χ^2 /NDF: 2853.3/5

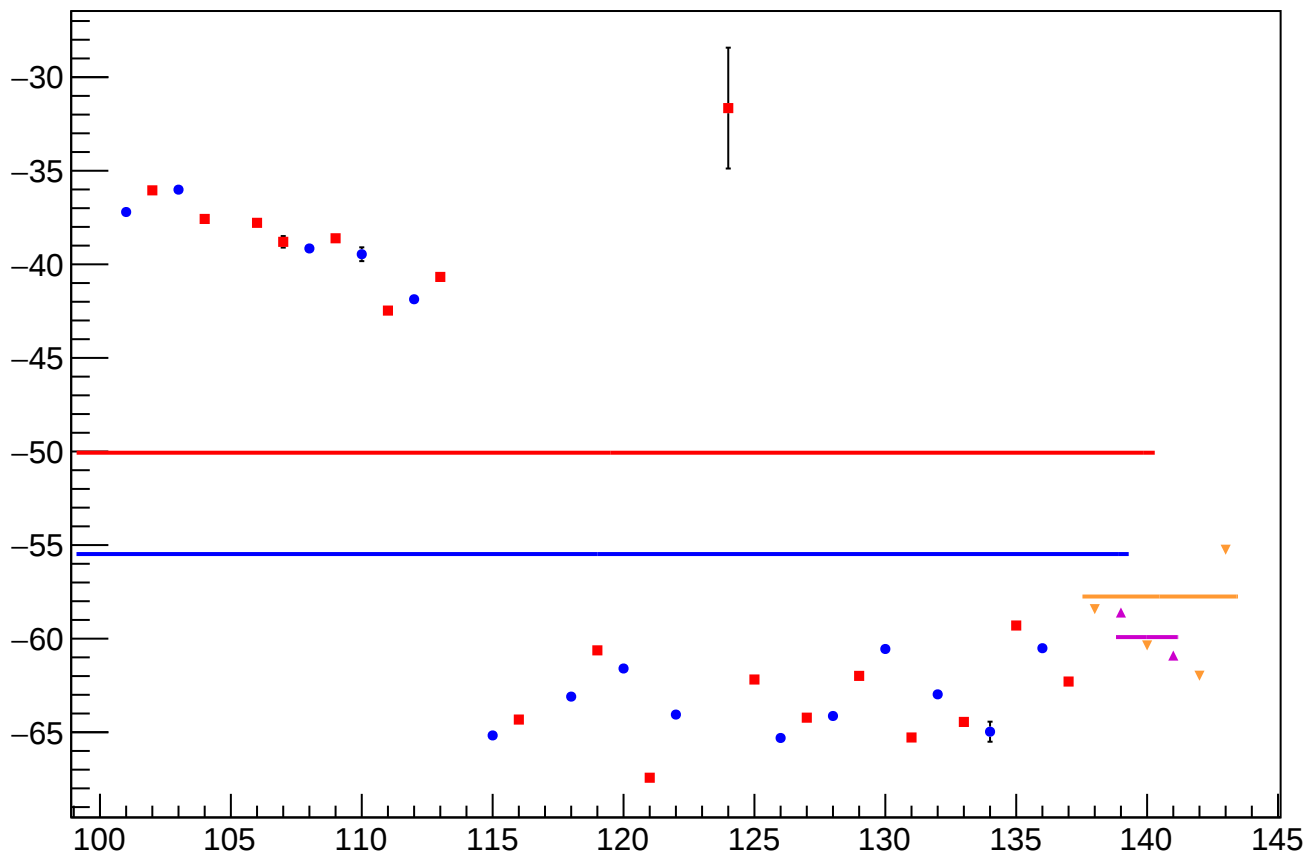
Right: 28.207+/-0.018 χ^2 /NDF: 6009.6/32

In: 28.165+/-0.021 χ^2 /NDF:5168.3/16

Out: 28.381+/-0.026 χ^2 /NDF:3676.0/21

All: 28.247+/-0.016 χ^2 /NDF: 8885.6/38

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -57.749 $\pm$ 0.047 χ^2 /NDF: 2911.0/3

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -59.917 $\pm$ 0.058 χ^2 /NDF: 389.1/1

Left: -58.607 $\pm$ 0.036 χ^2 /NDF: 4151.9/5

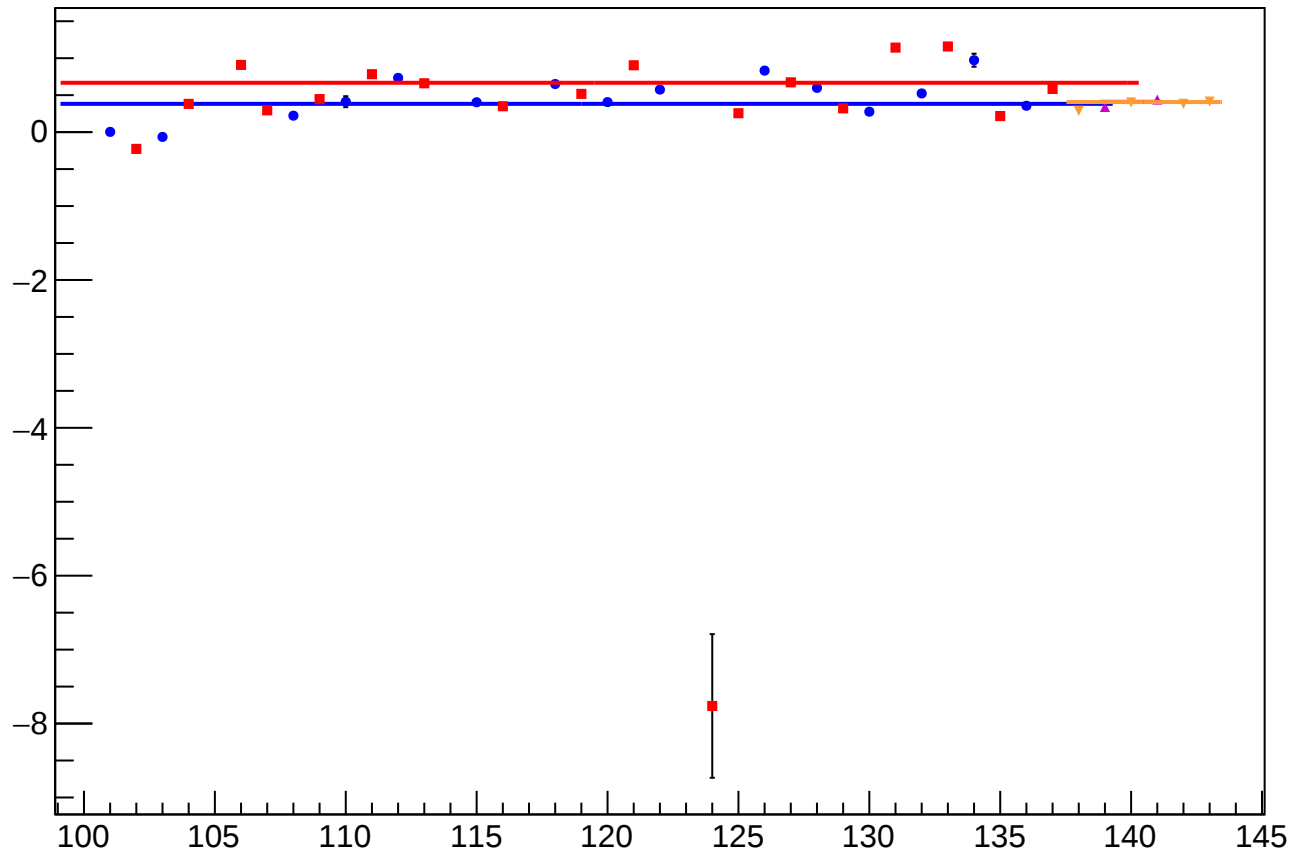
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -55.817 $\pm$ 0.016 χ^2 /NDF: 600988.3/16

Out: -51.577 $\pm$ 0.021 χ^2 /NDF: 364726.1/21

All: -54.244 $\pm$ 0.013 χ^2 /NDF: 992041.0/38

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.407 $\pm$ 0.001 χ^2/NDF : 241.6/3

Right Out: 0.668 $\pm$ 0.005 χ^2/NDF : 3704.8/17

Left In: 0.410 $\pm$ 0.002 χ^2/NDF : 898.1/1

Left: 0.408 $\pm$ 0.001 χ^2/NDF : 1142.6/5

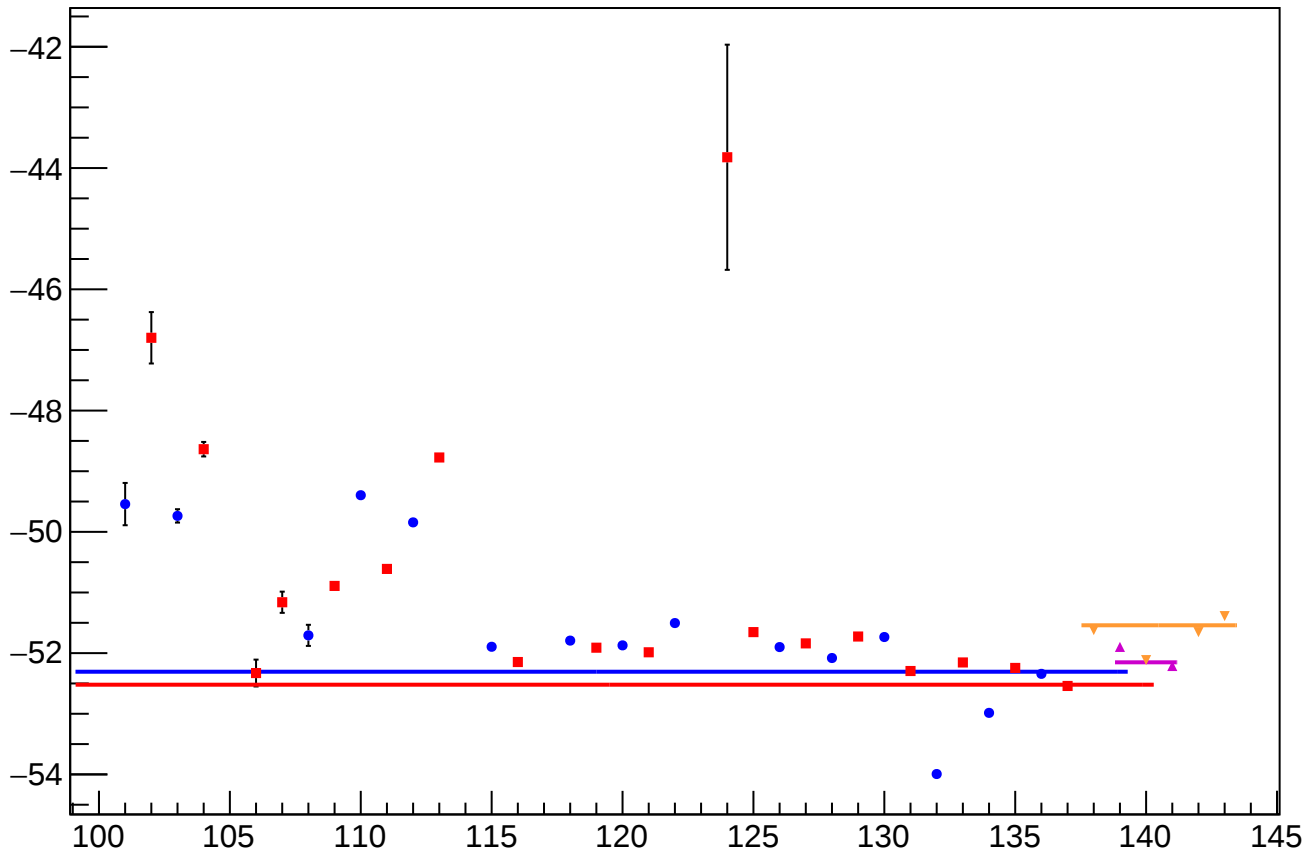
Right: 0.413 $\pm$ 0.002 χ^2/NDF : 11721.4/32

In: 0.397 $\pm$ 0.001 χ^2/NDF : 5649.2/16

Out: 0.424 $\pm$ 0.001 χ^2/NDF : 6942.1/21

All: 0.409 $\pm$ 0.001 χ^2/NDF : 12872.6/38

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -51.541 $\pm$ 0.005 χ^2 /NDF: 2015.8/3

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: -51.811 $\pm$ 0.003 χ^2 /NDF: 10292.3/5

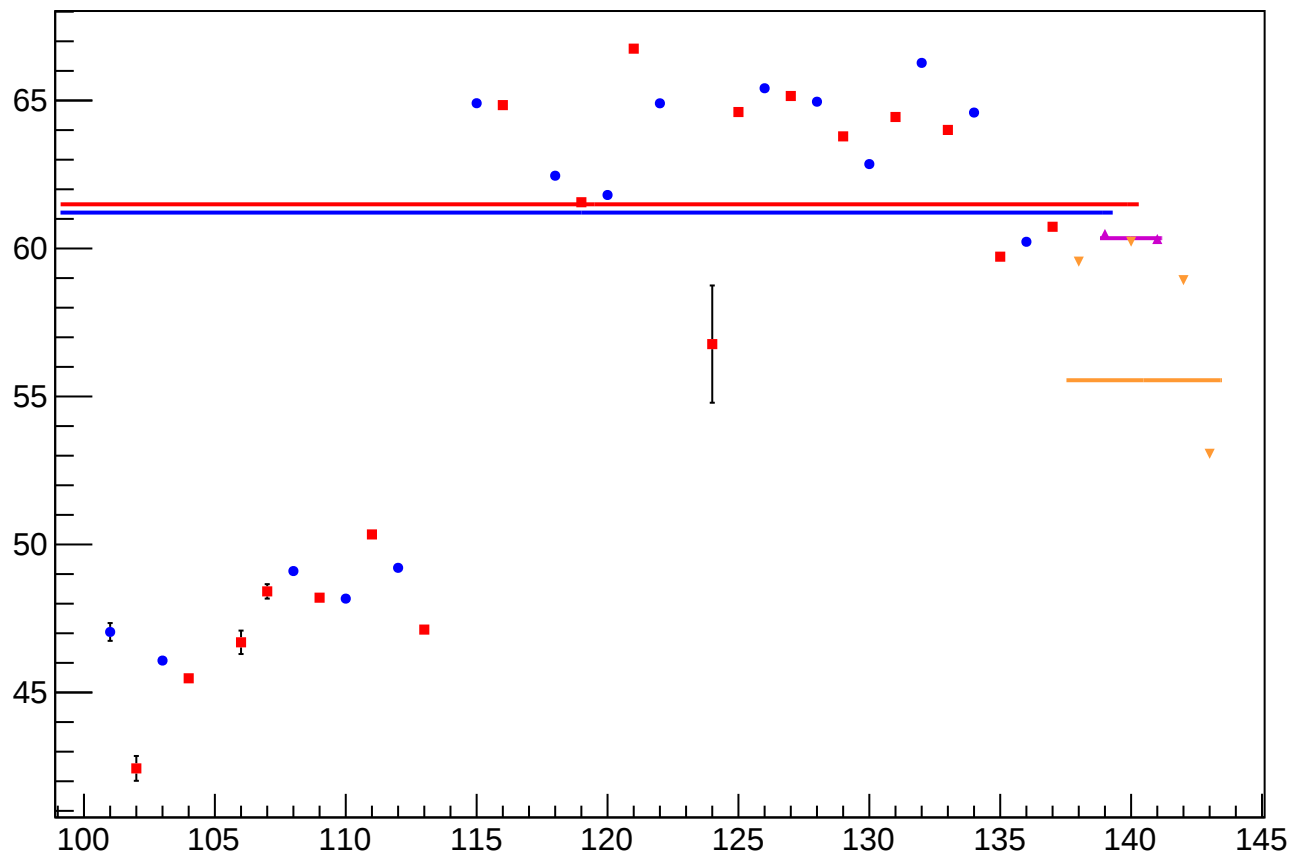
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -52.251 $\pm$ 0.003 χ^2 /NDF: 26569.6/16

Out: -52.468 $\pm$ 0.001 χ^2 /NDF: 59368.2/21

All: -52.445 $\pm$ 0.001 χ^2 /NDF: 90288.5/38

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 55.549 $\pm$ 0.008 χ^2 /NDF:183146.0/3

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 60.348 $\pm$ 0.024 χ^2 /NDF:6.6/1

Left: 55.964 $\pm$ 0.007 χ^2 /NDF: 218393.4/5

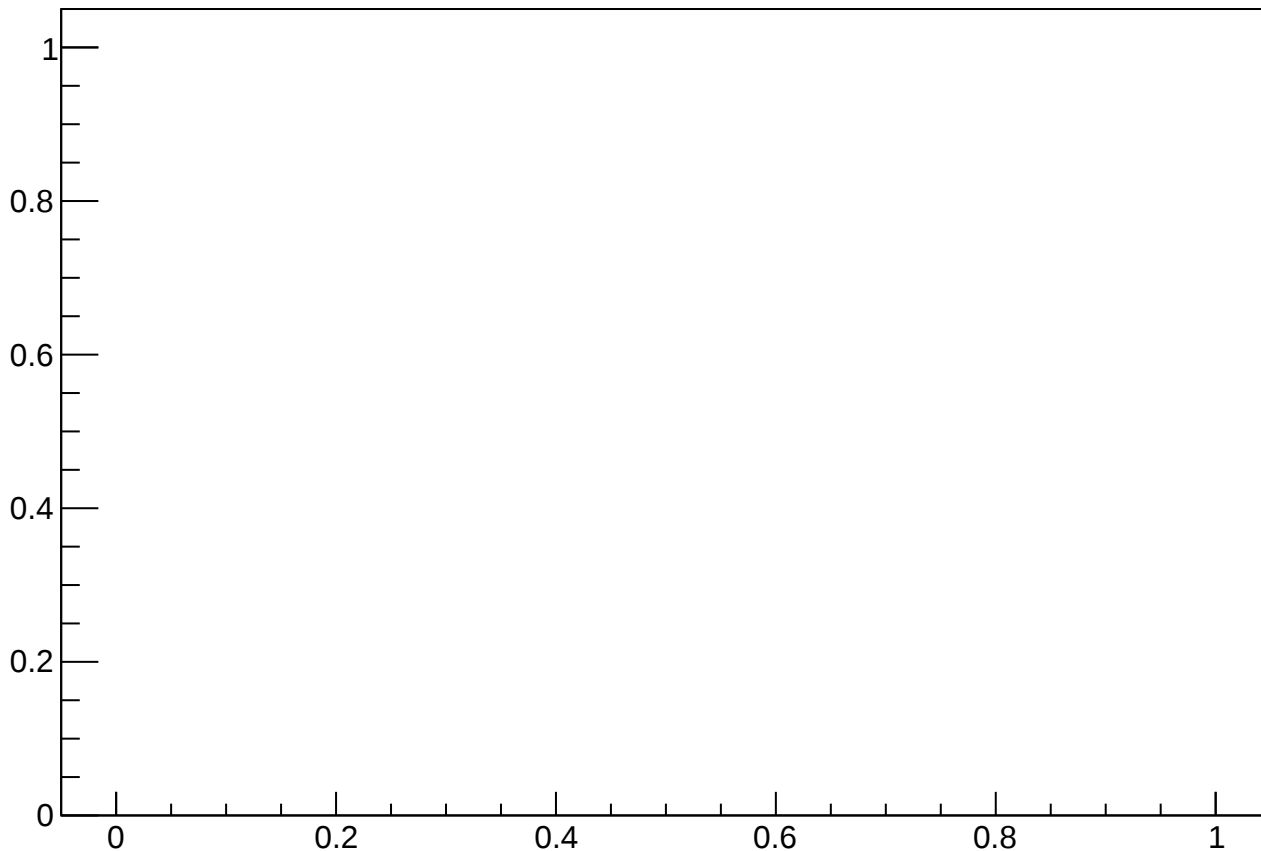
Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 61.090 $\pm$ 0.009 χ^2 /NDF:157706.1/16

Out: 58.854 $\pm$ 0.005 χ^2 /NDF:774289.8/21

All: 59.365 $\pm$ 0.004 χ^2 /NDF: 977603.8/38

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 $\pm$ 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_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

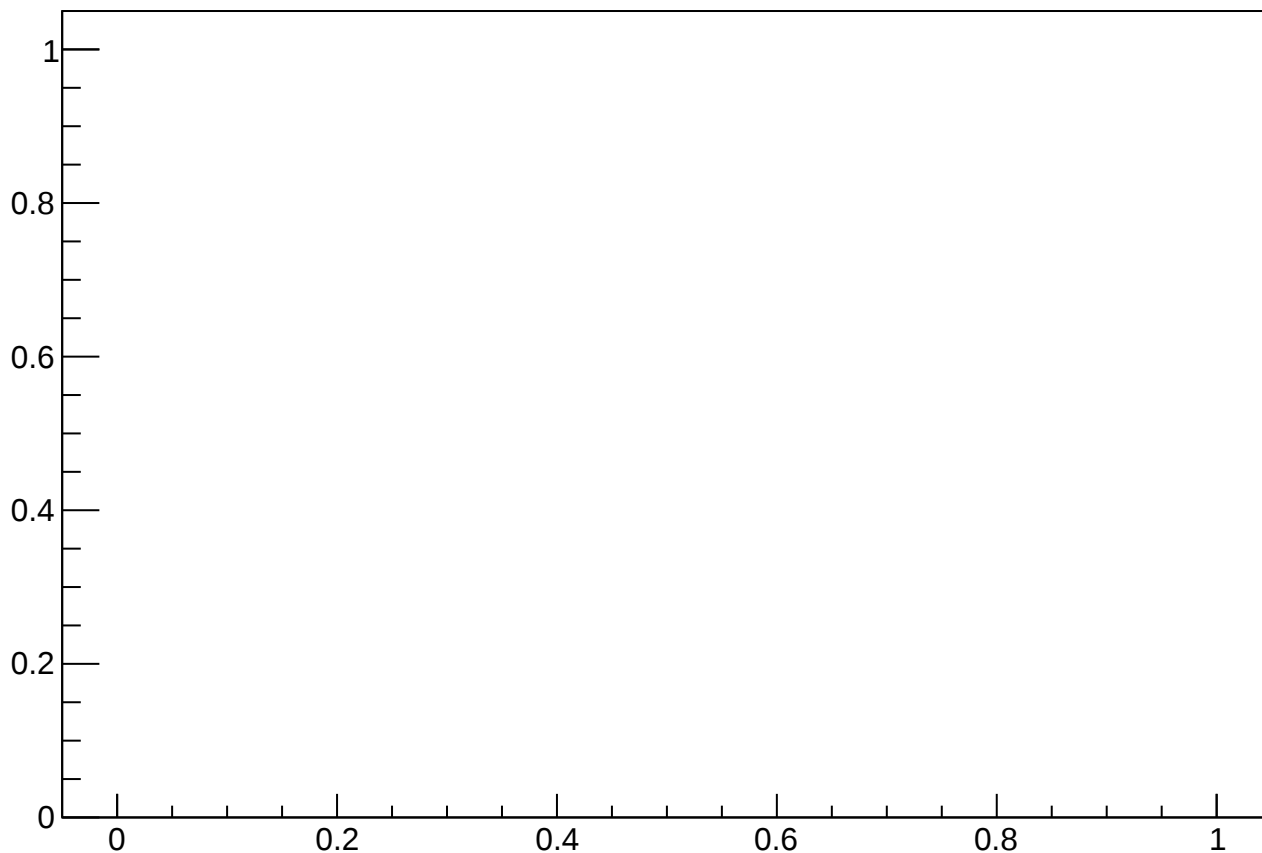
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

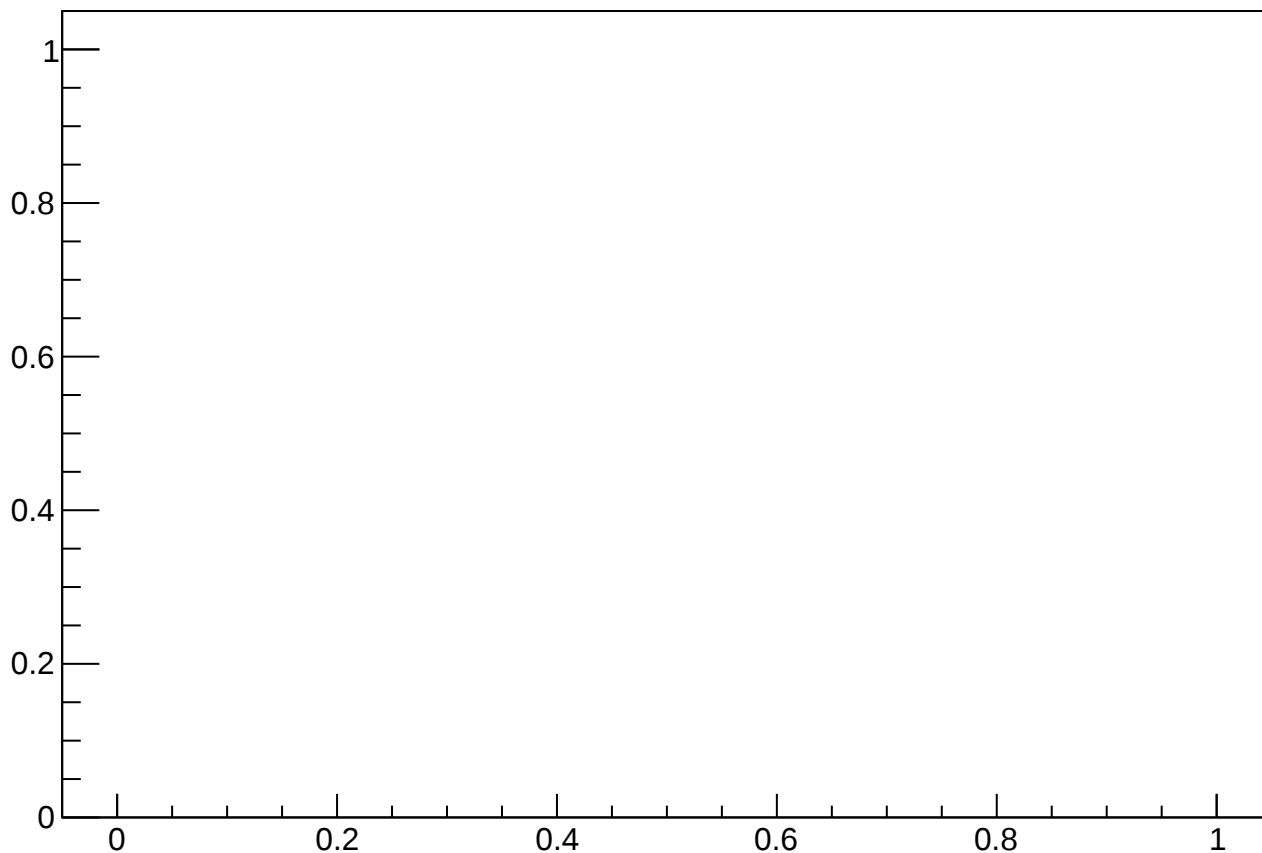
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

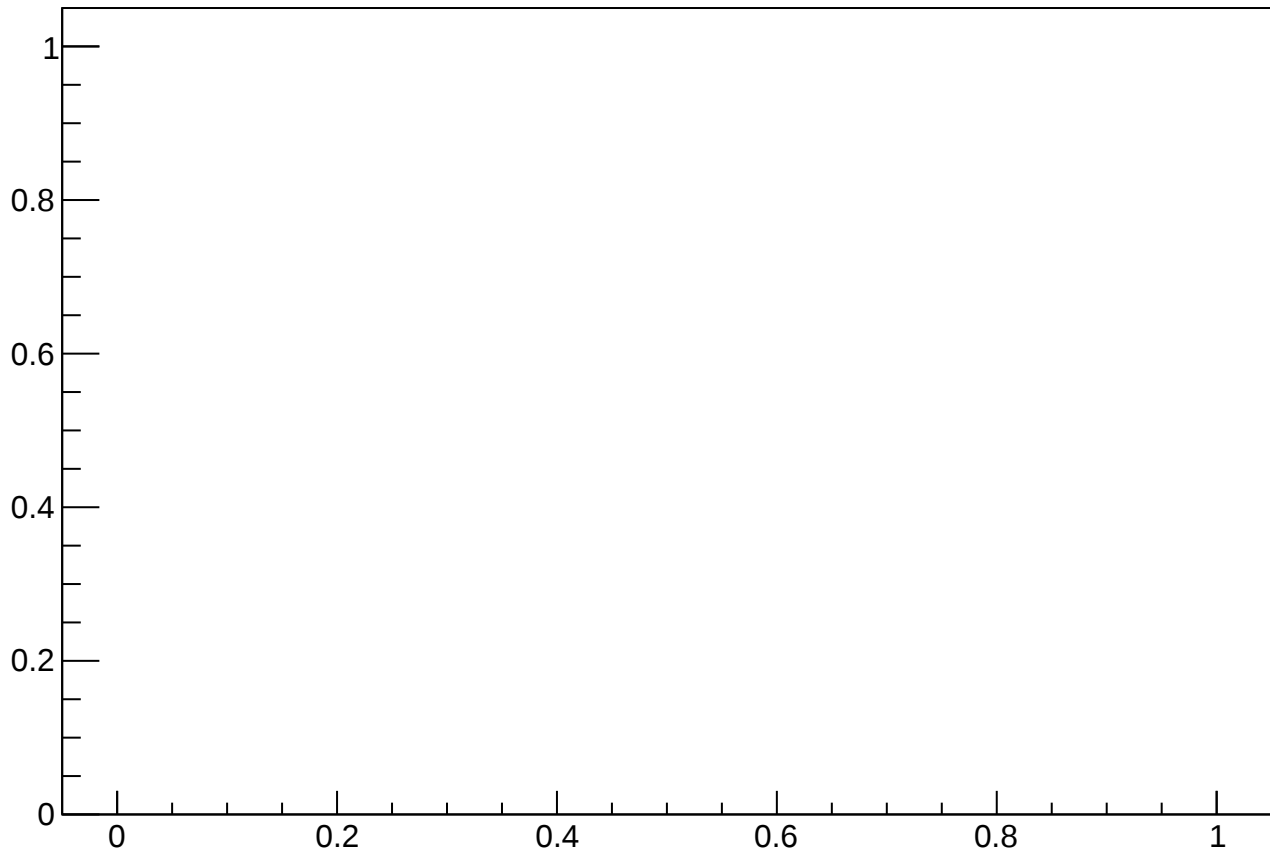
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

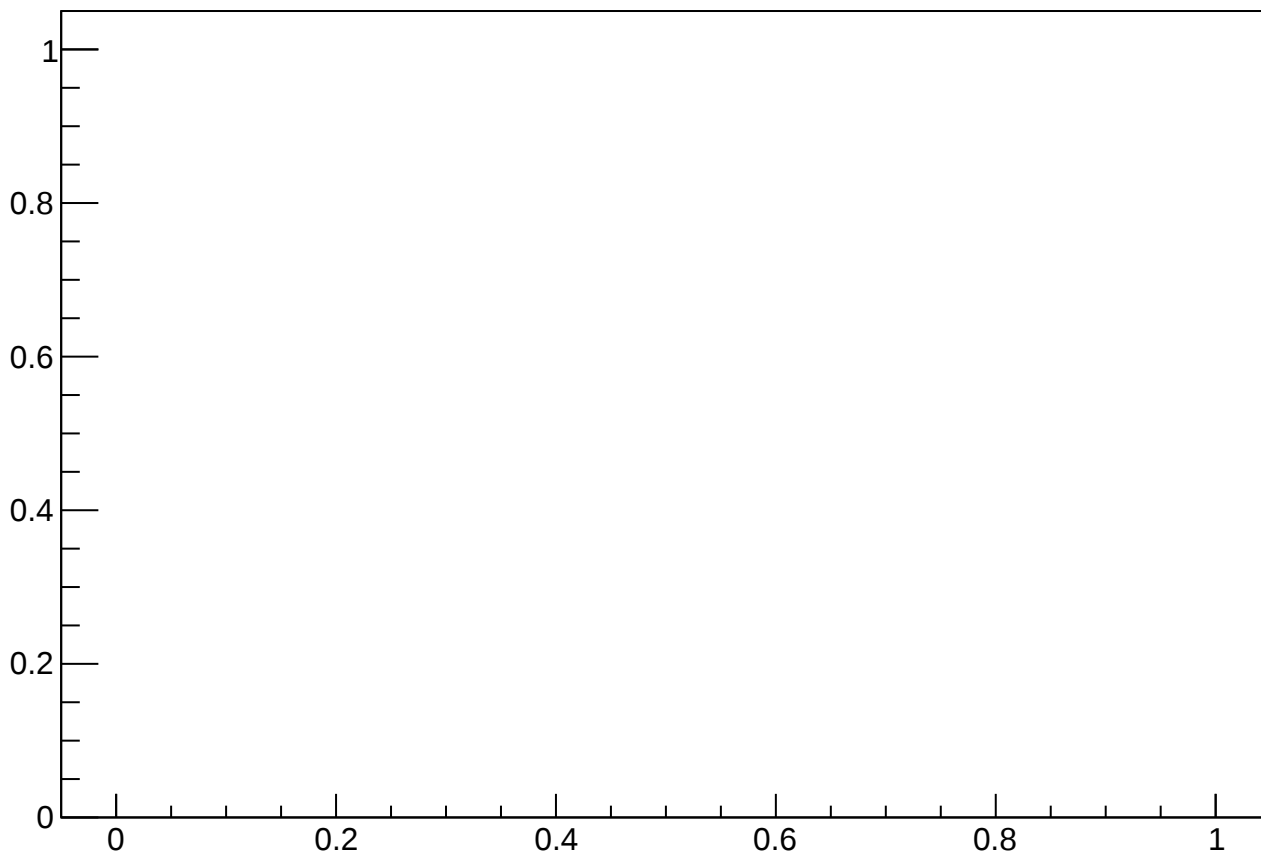
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

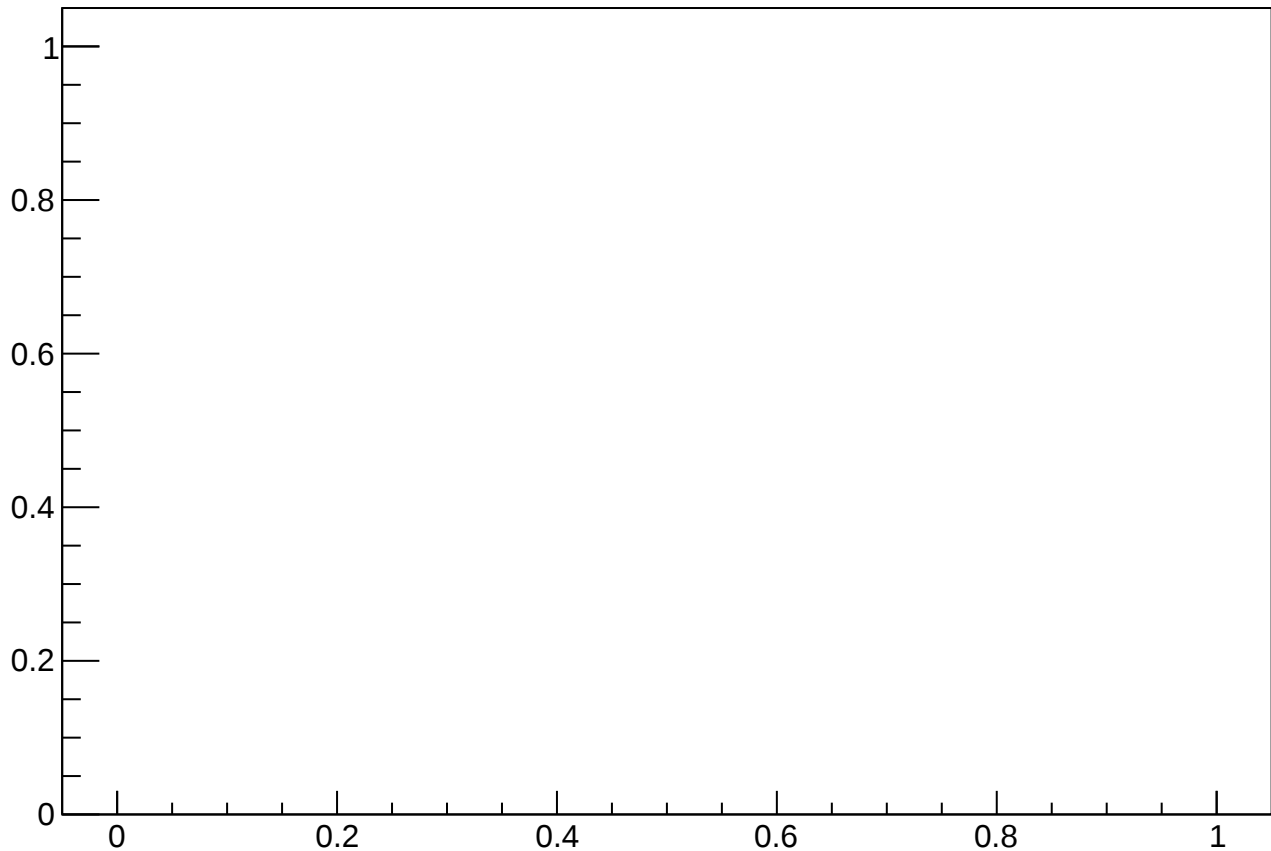
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

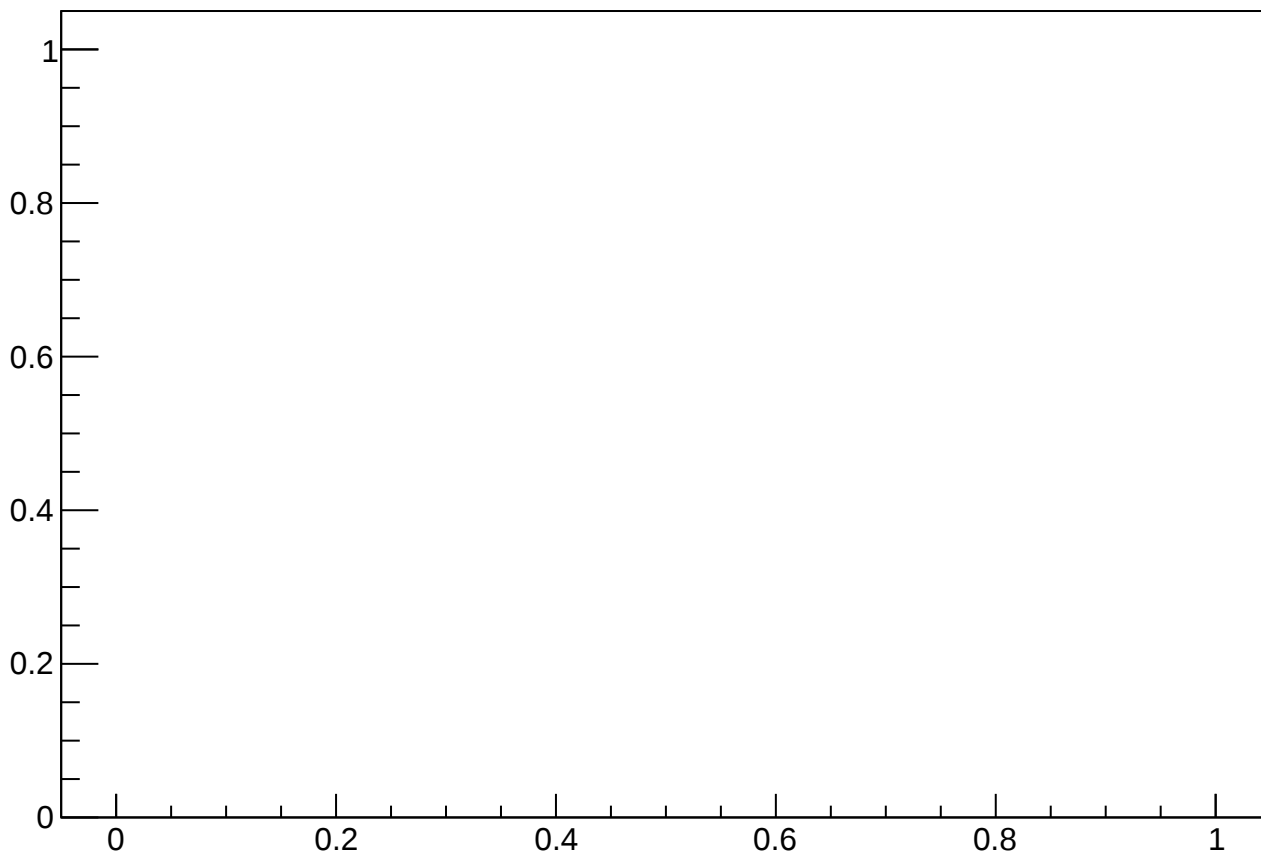
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

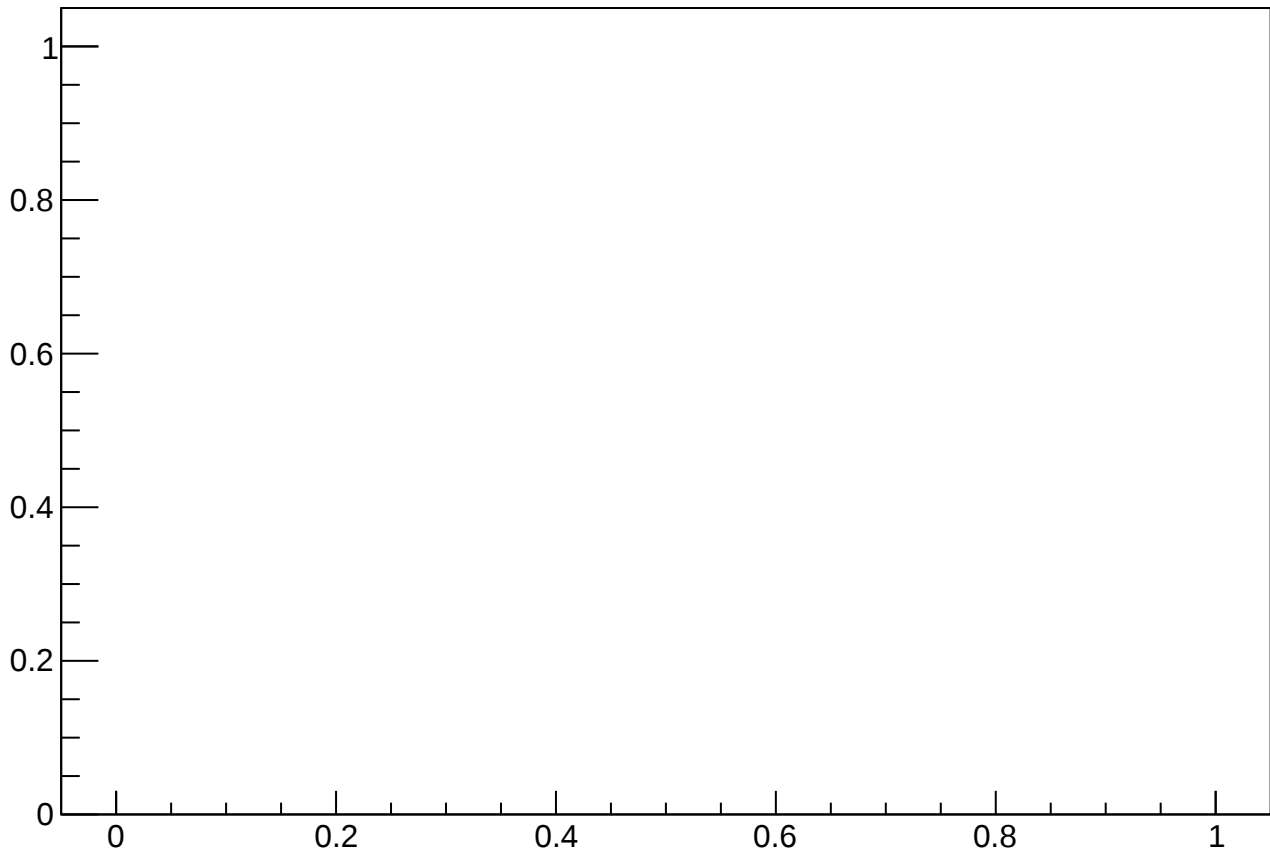
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

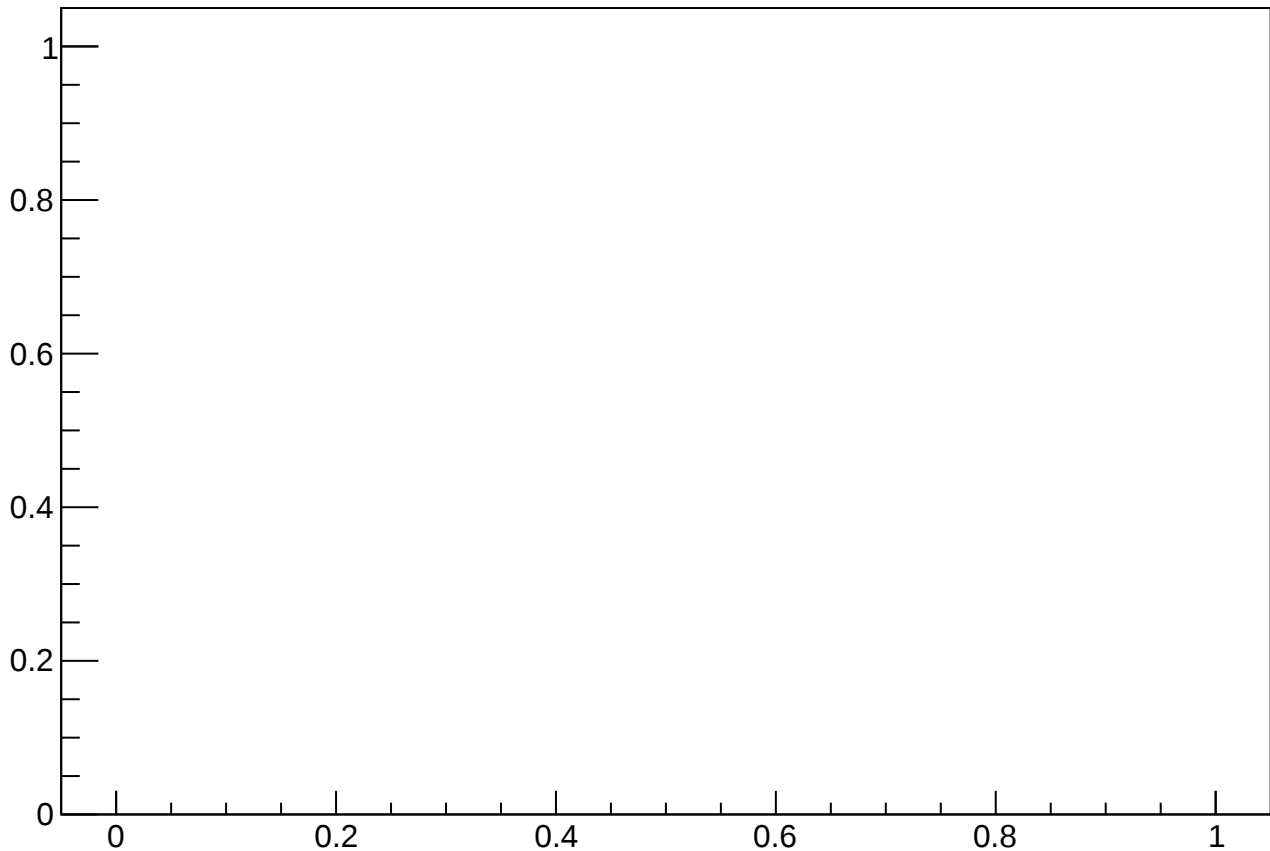
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

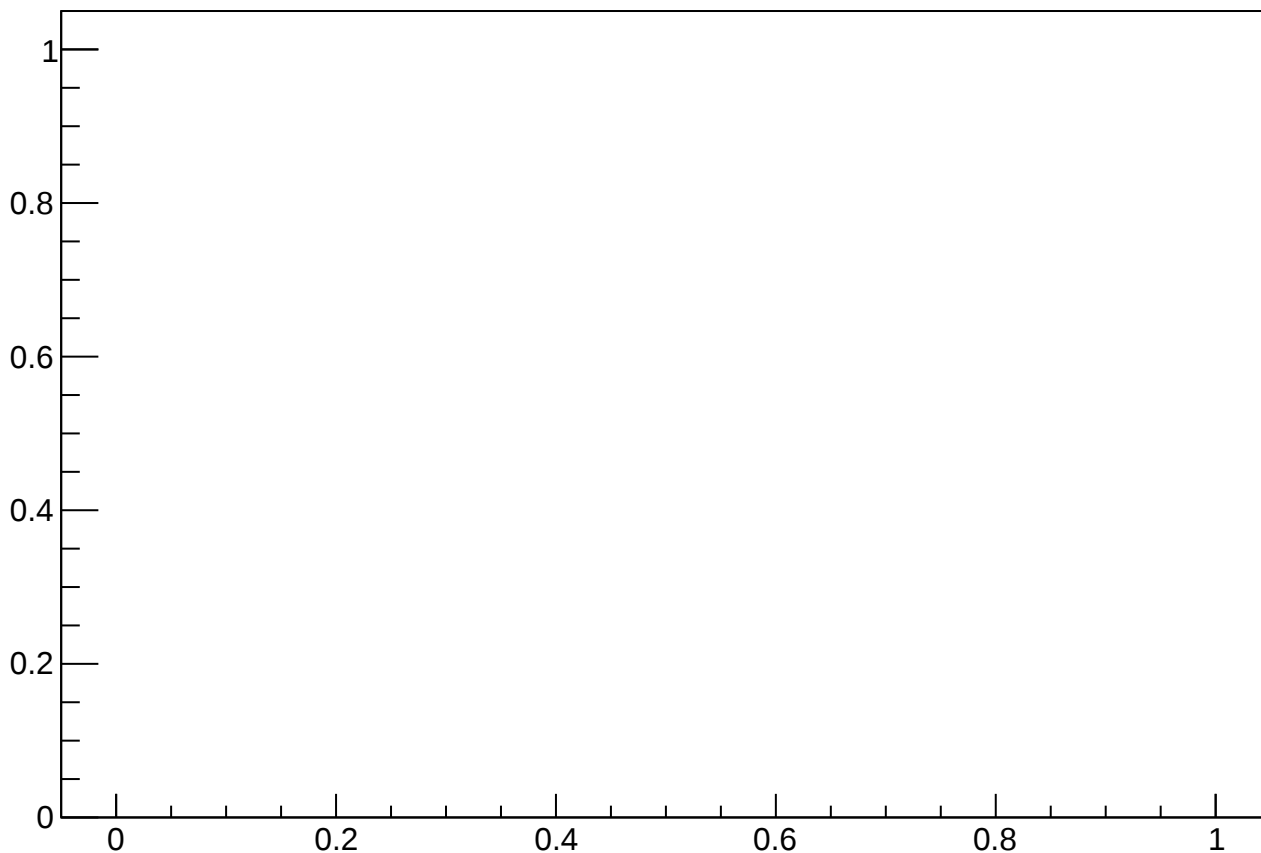
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

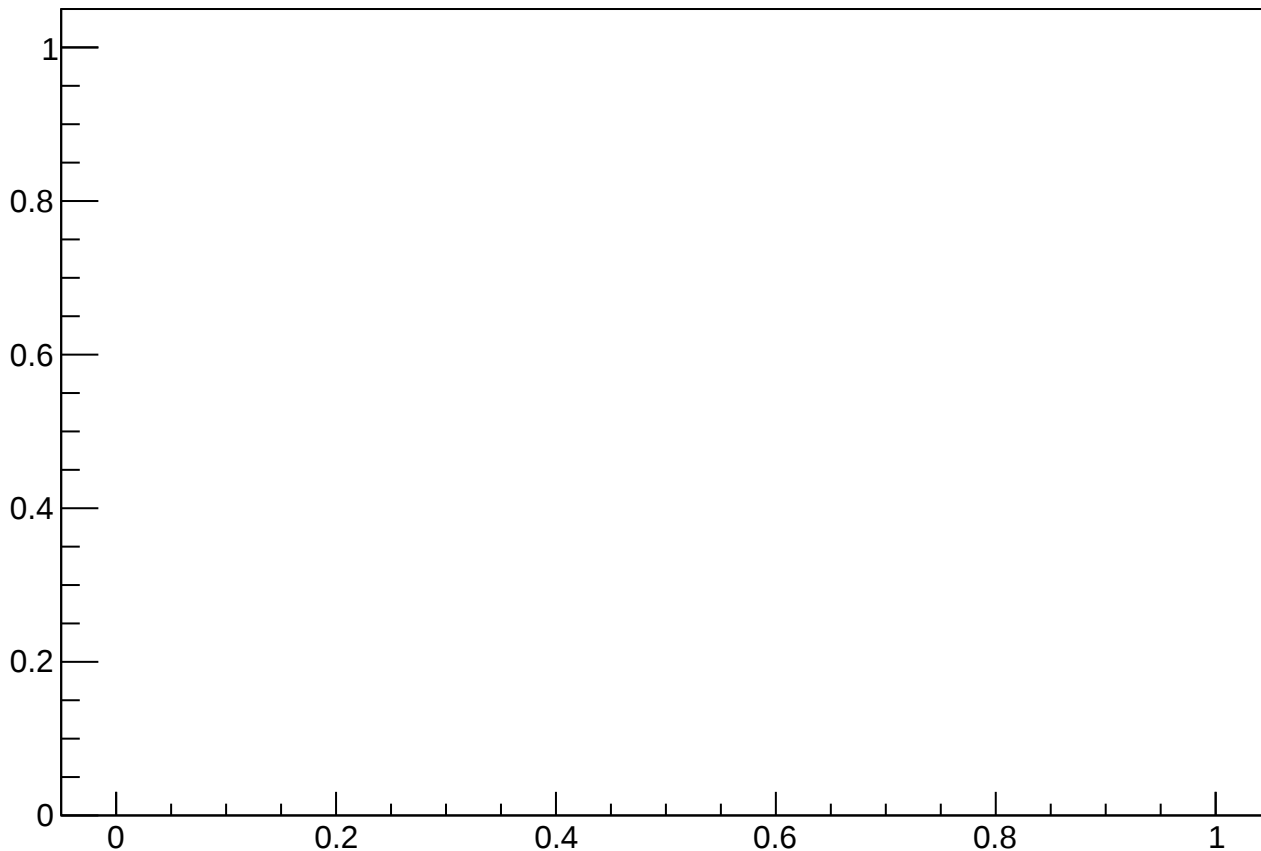
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

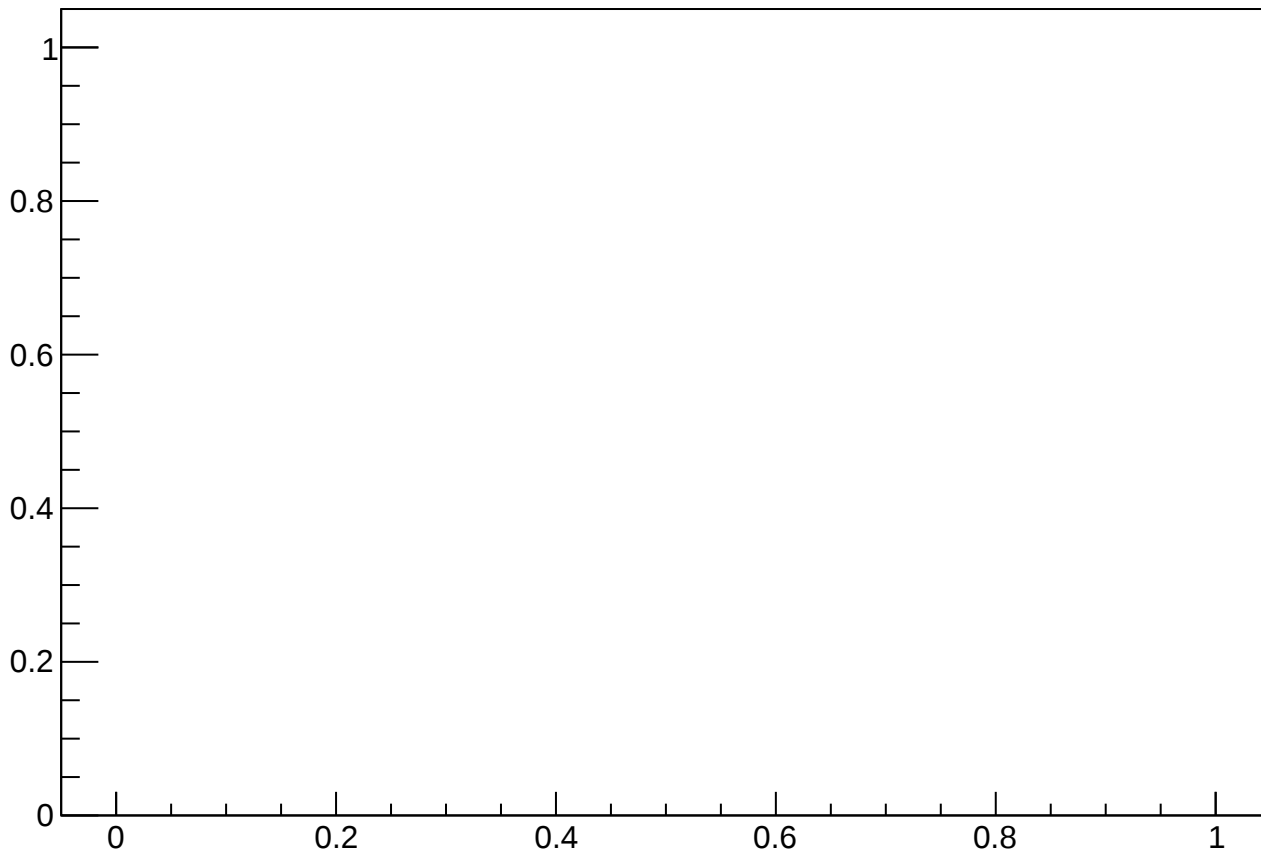
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

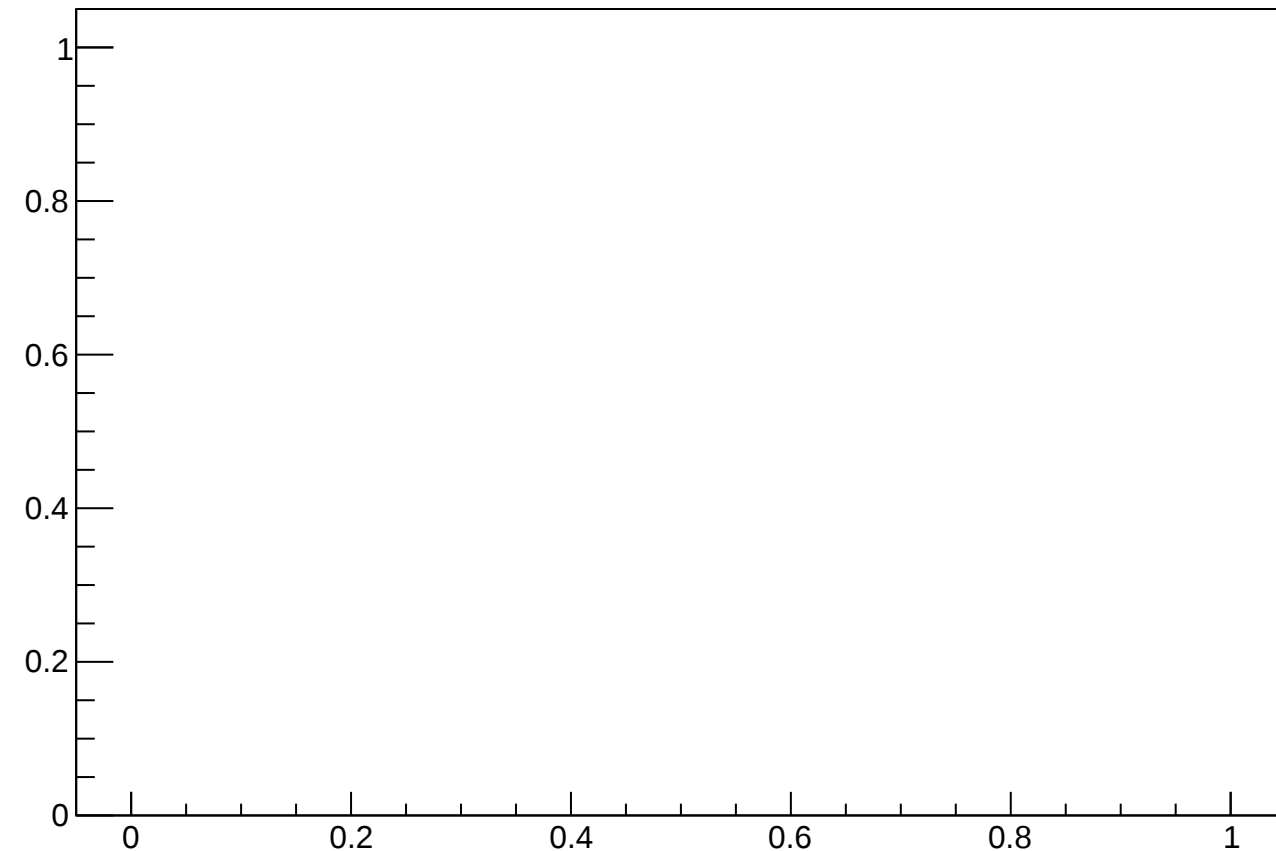
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

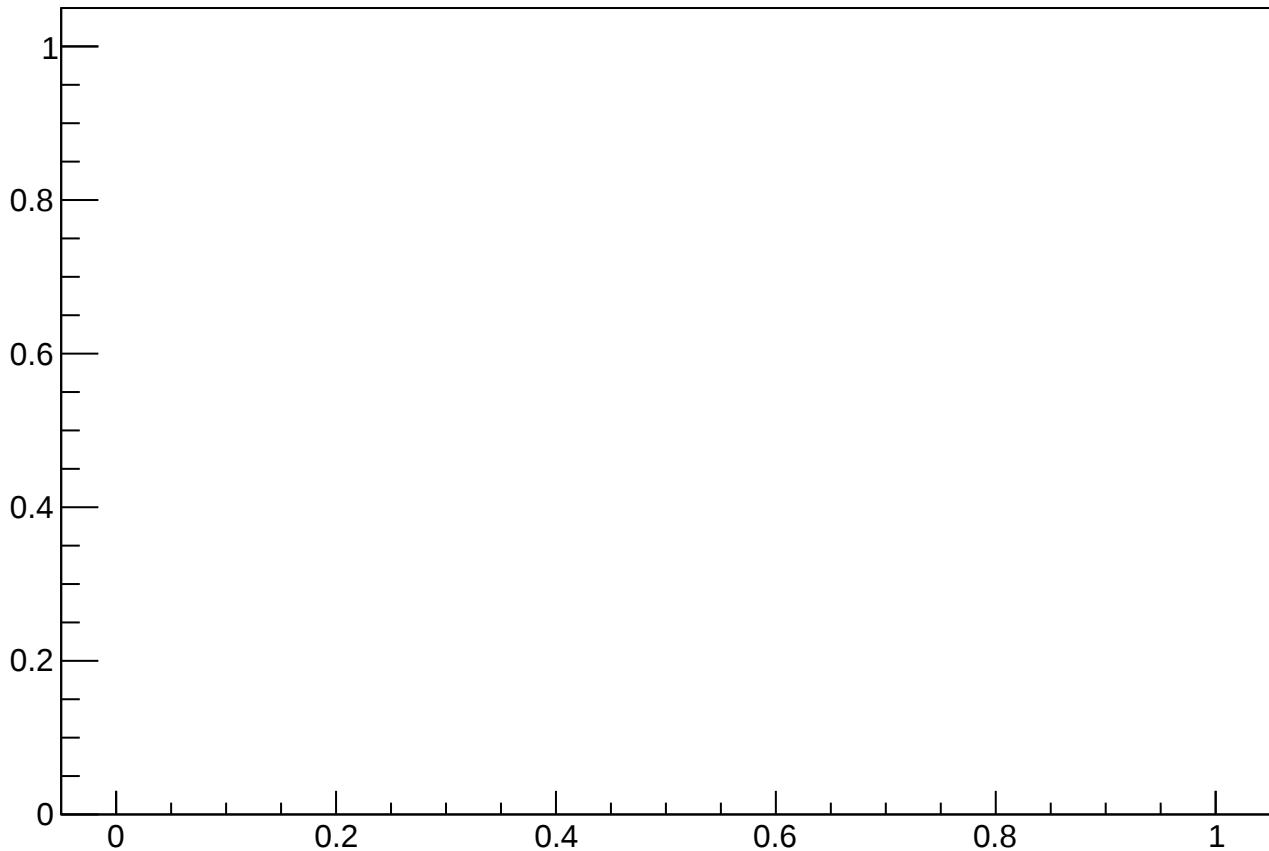
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

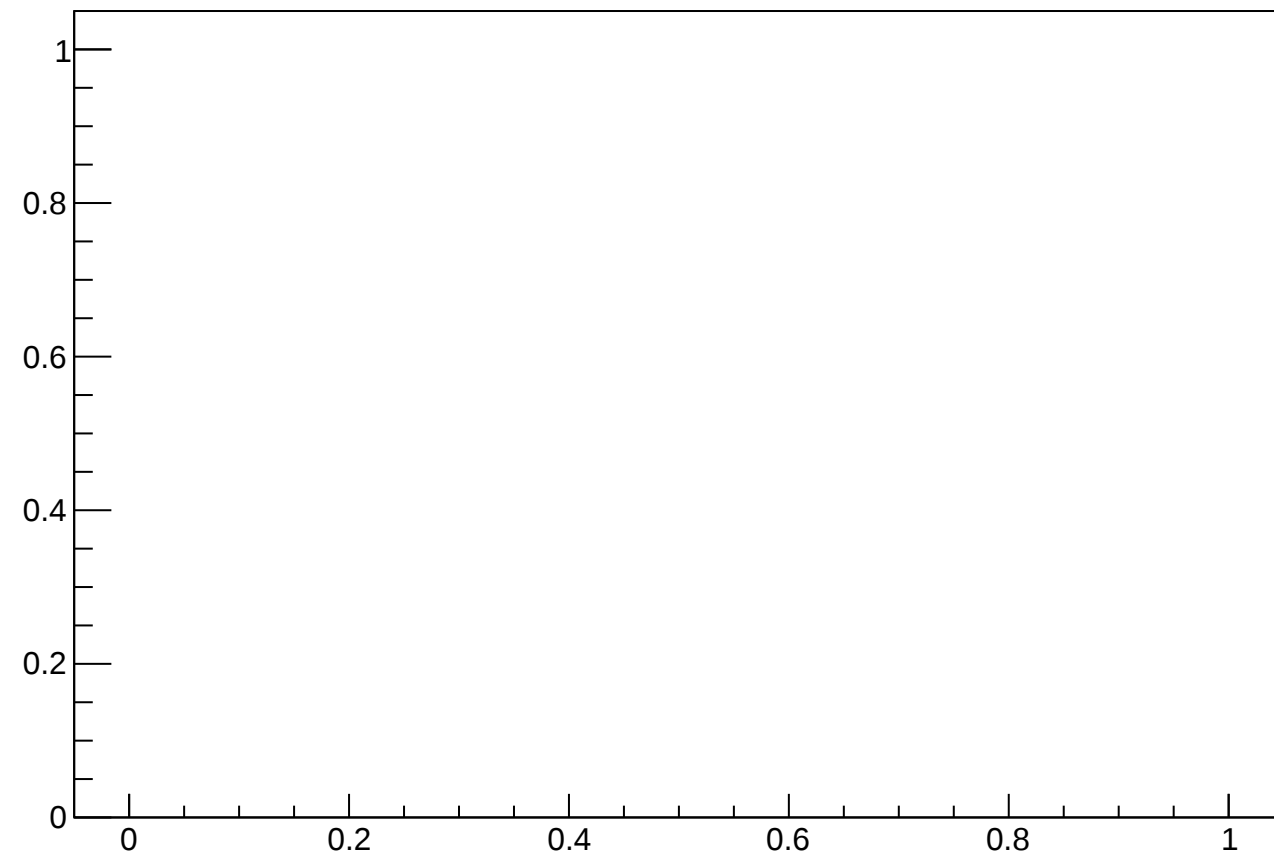
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

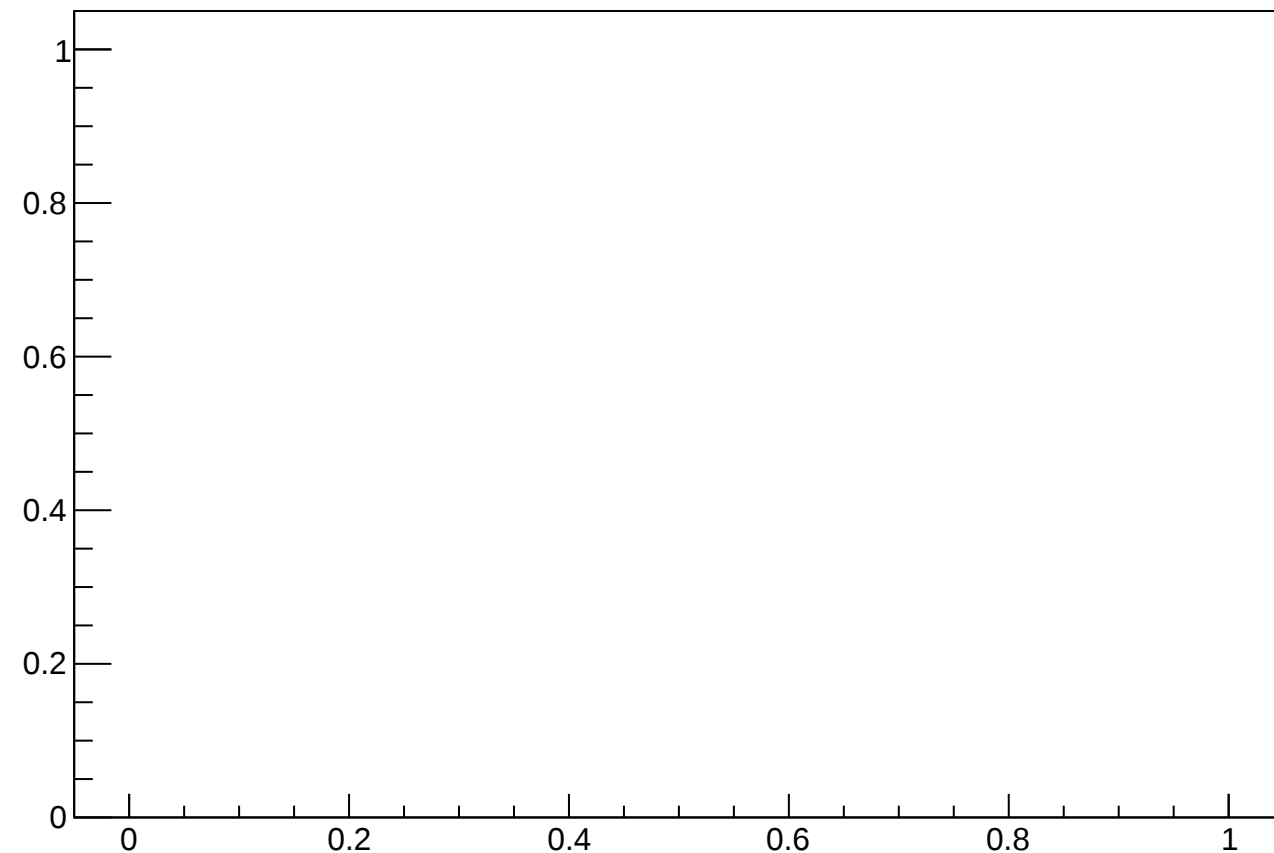
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

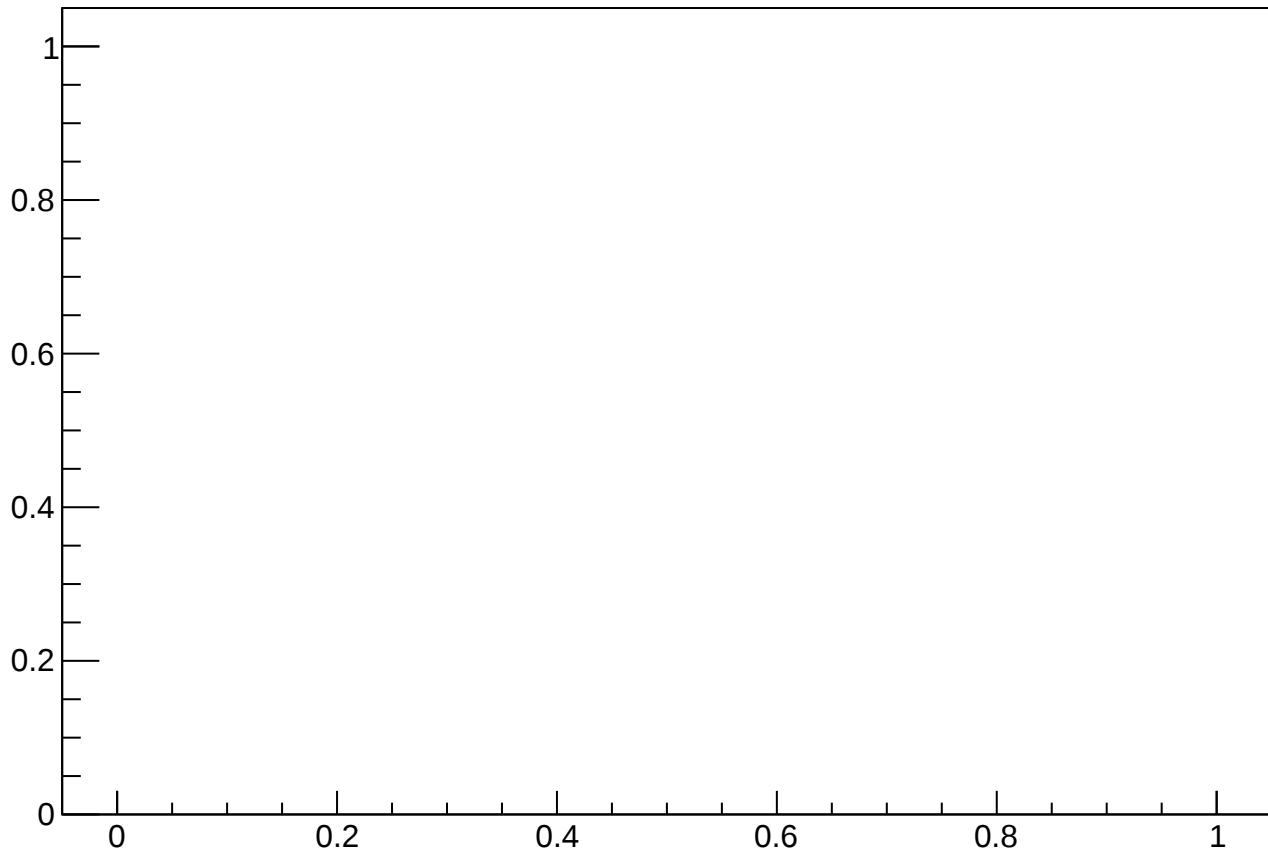
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

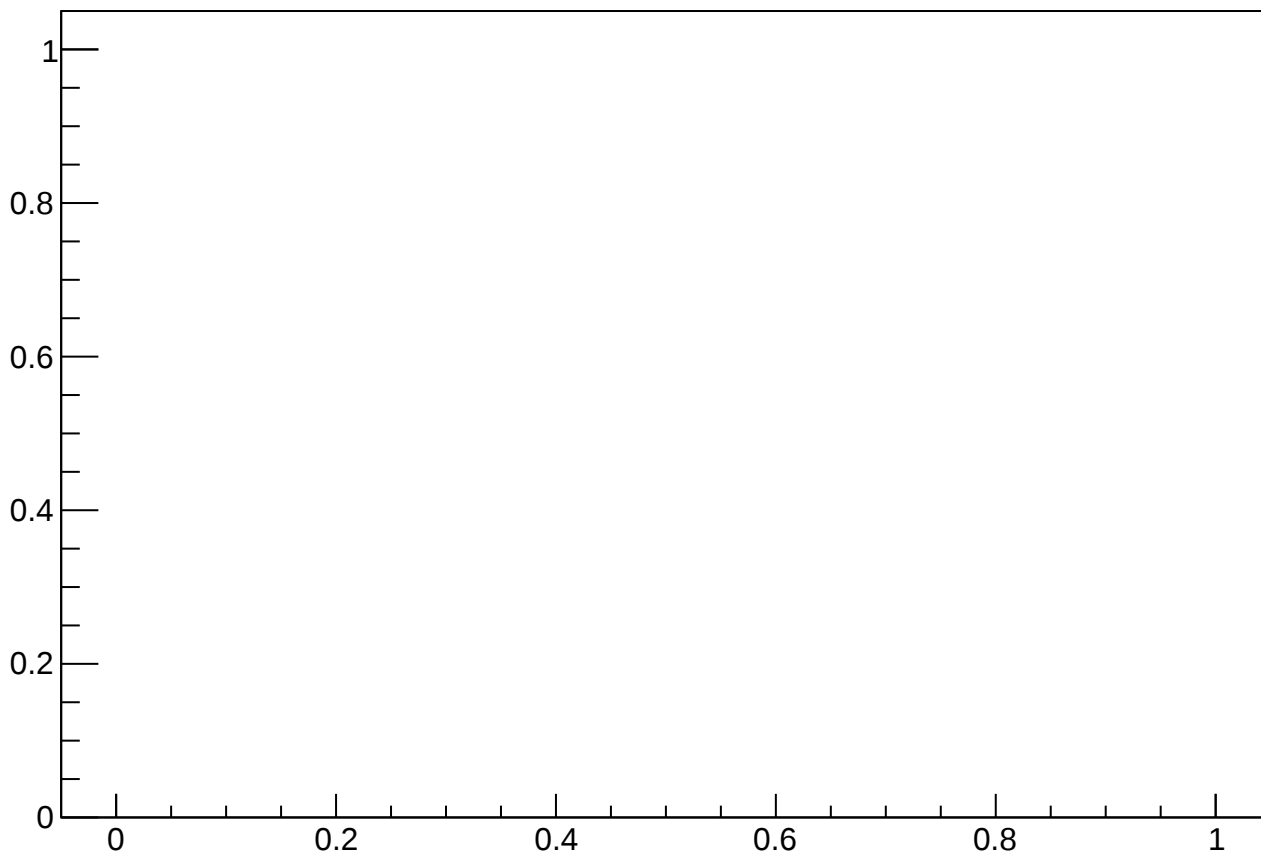
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

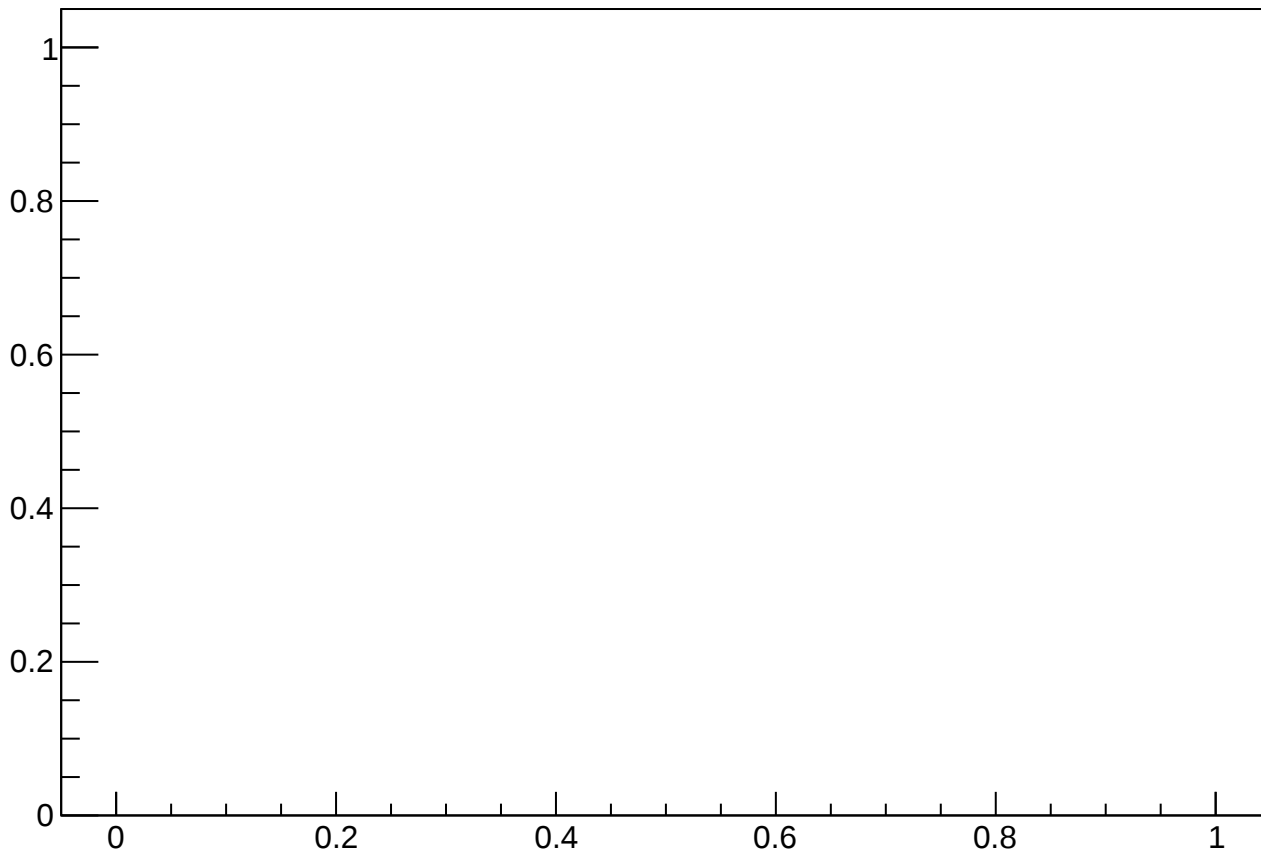
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

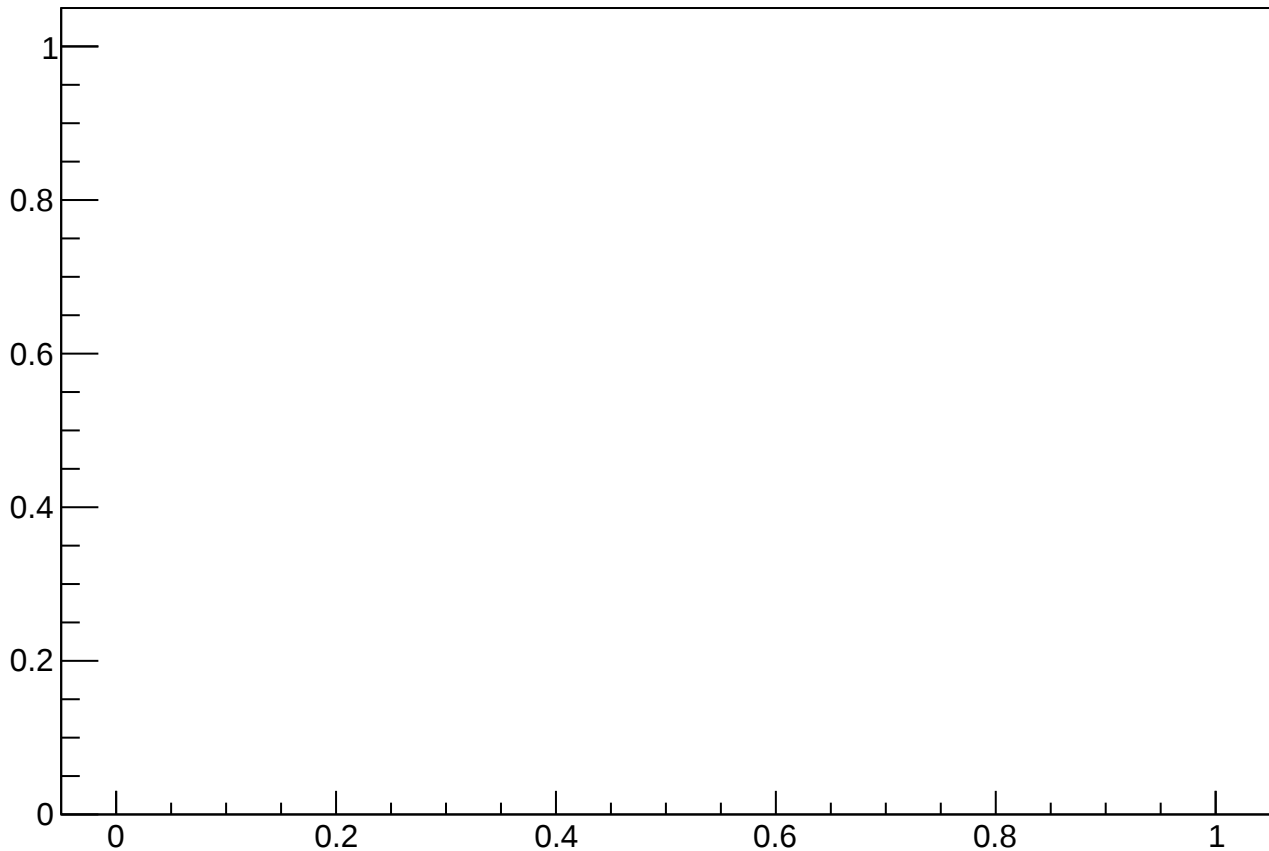
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

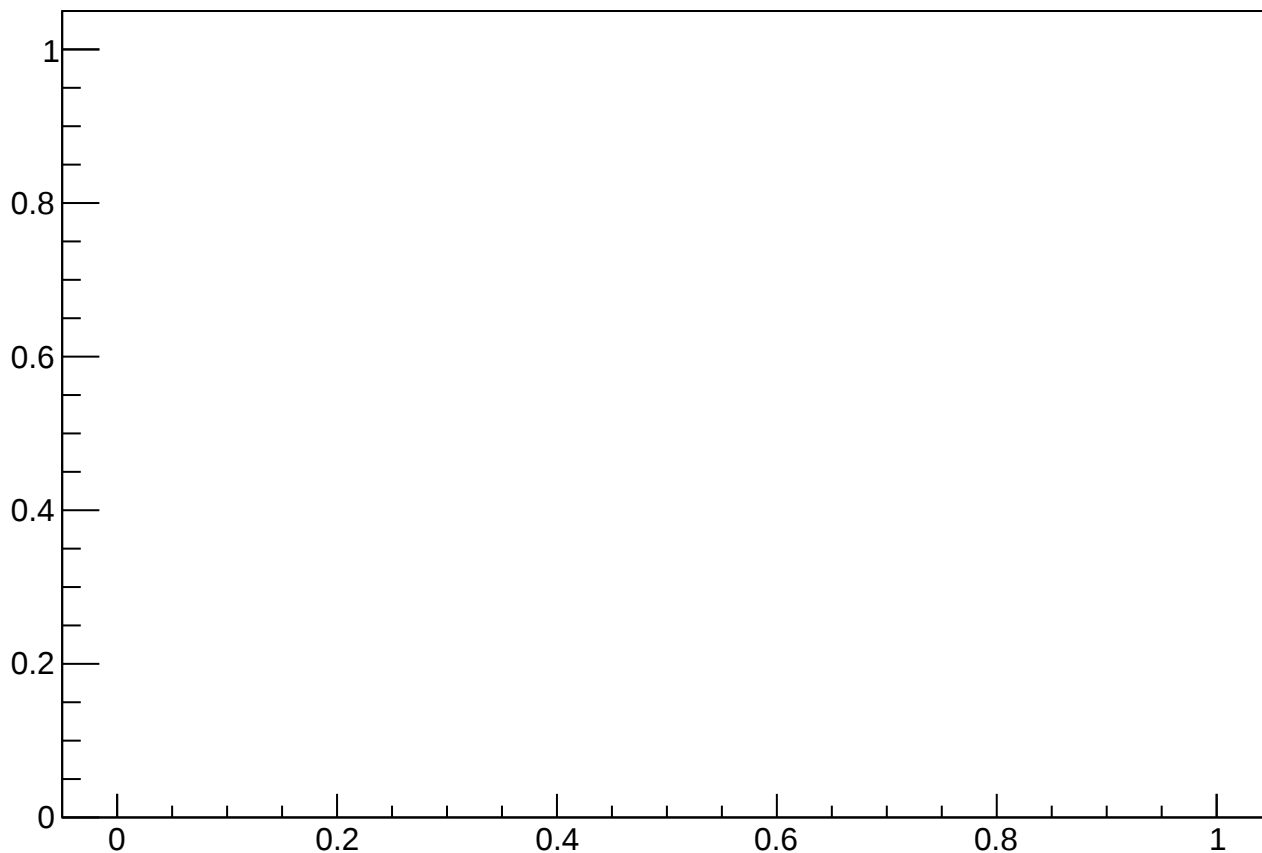
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

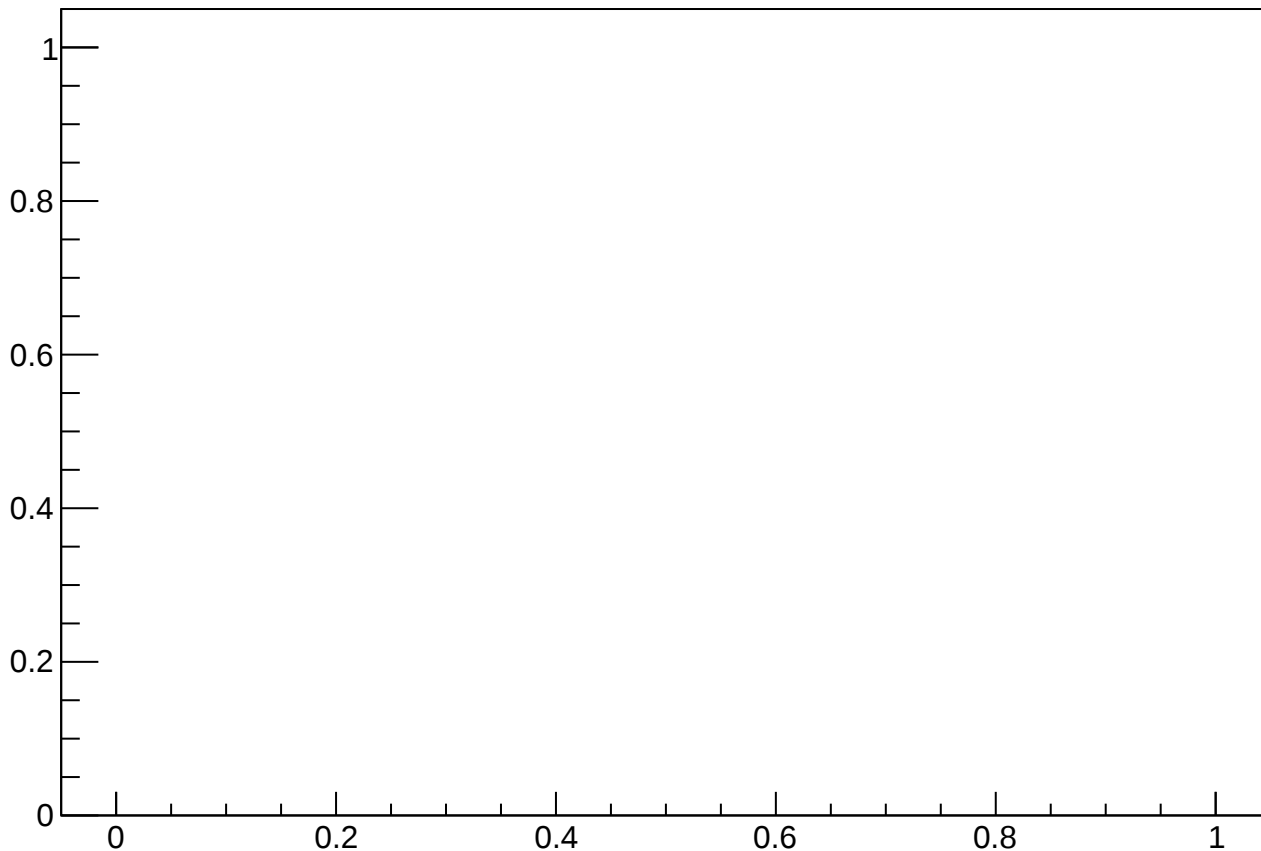
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

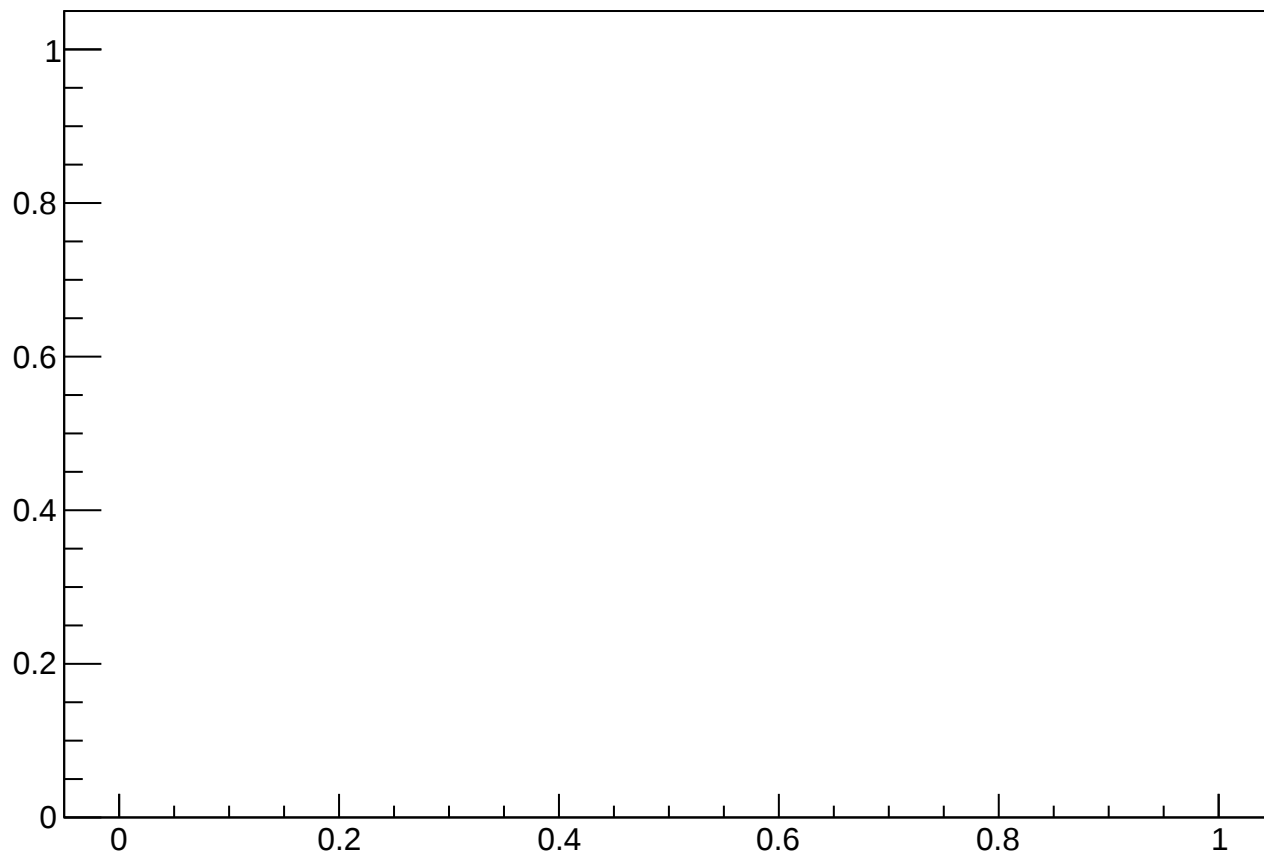
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

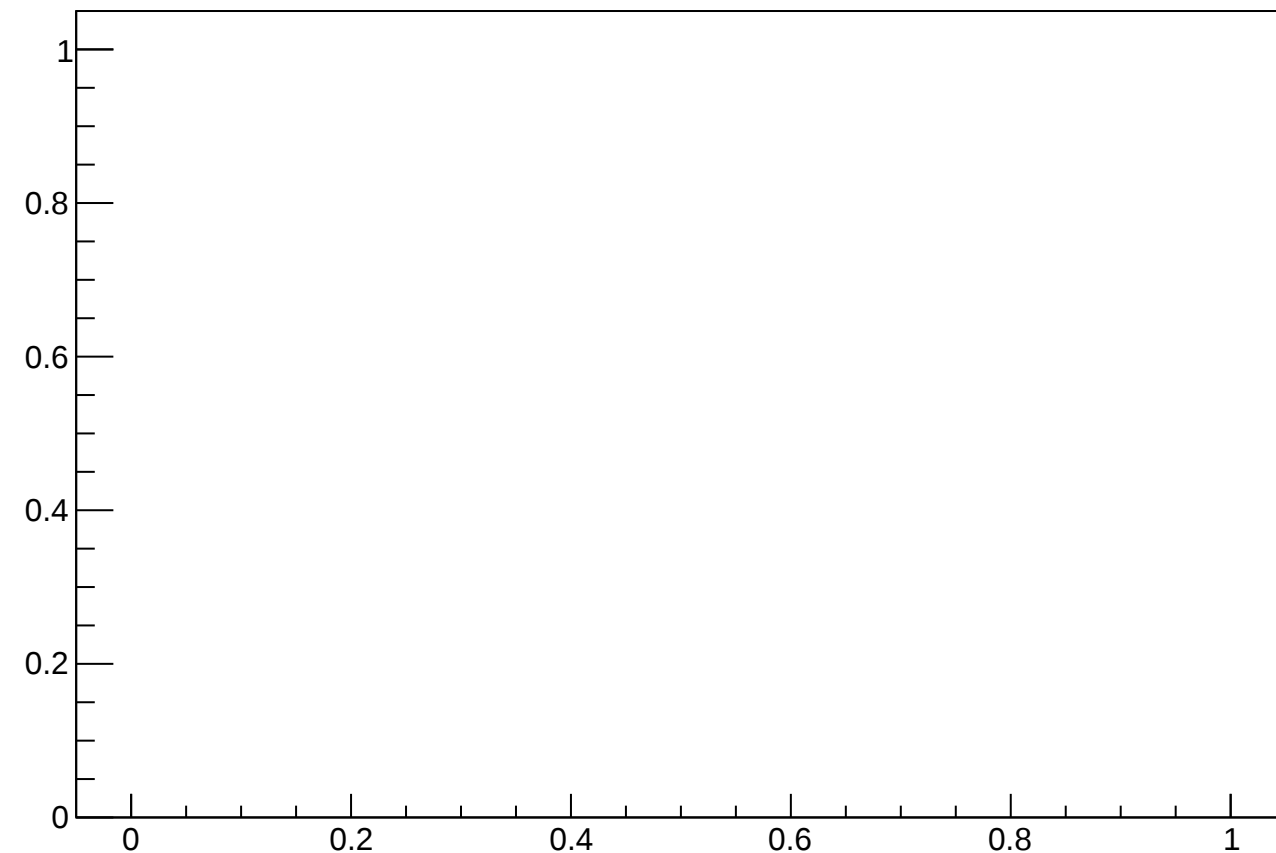
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

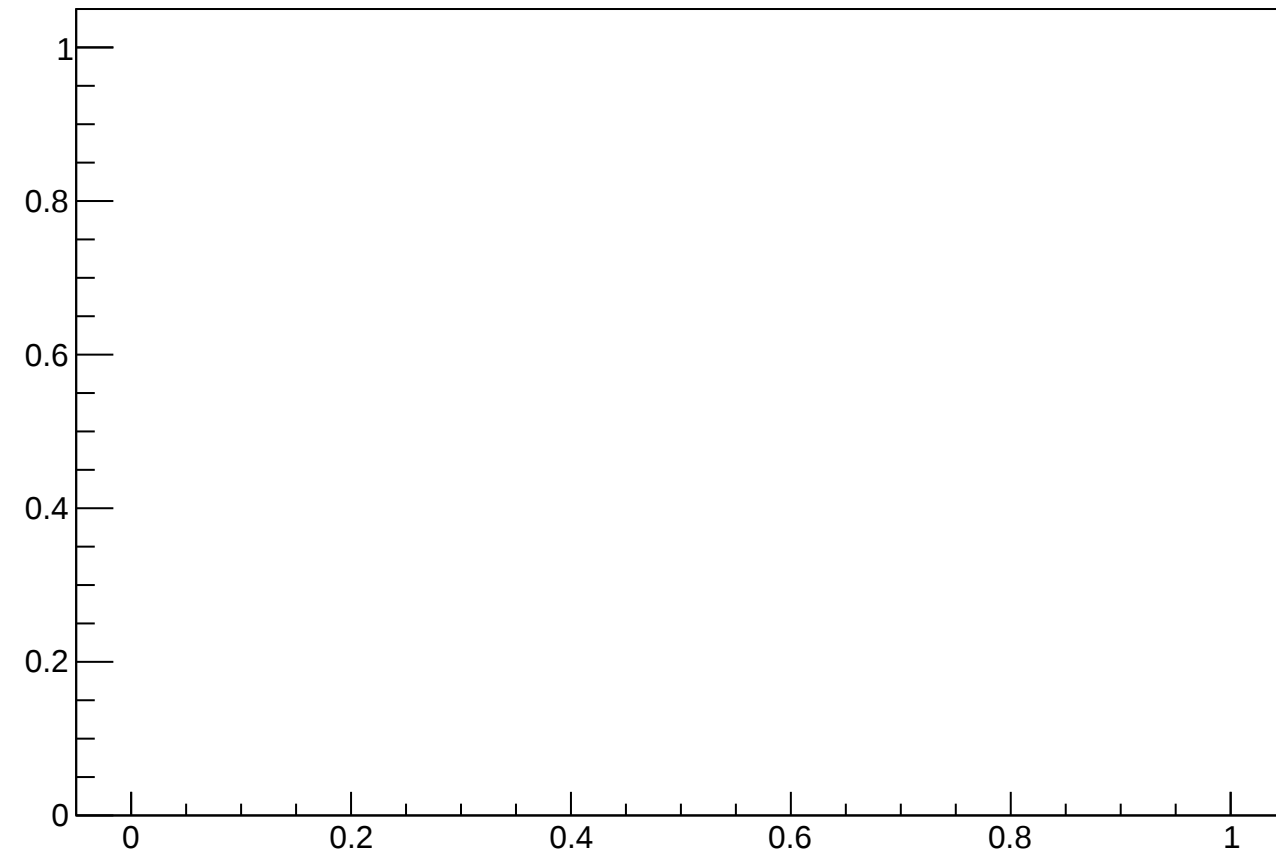
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

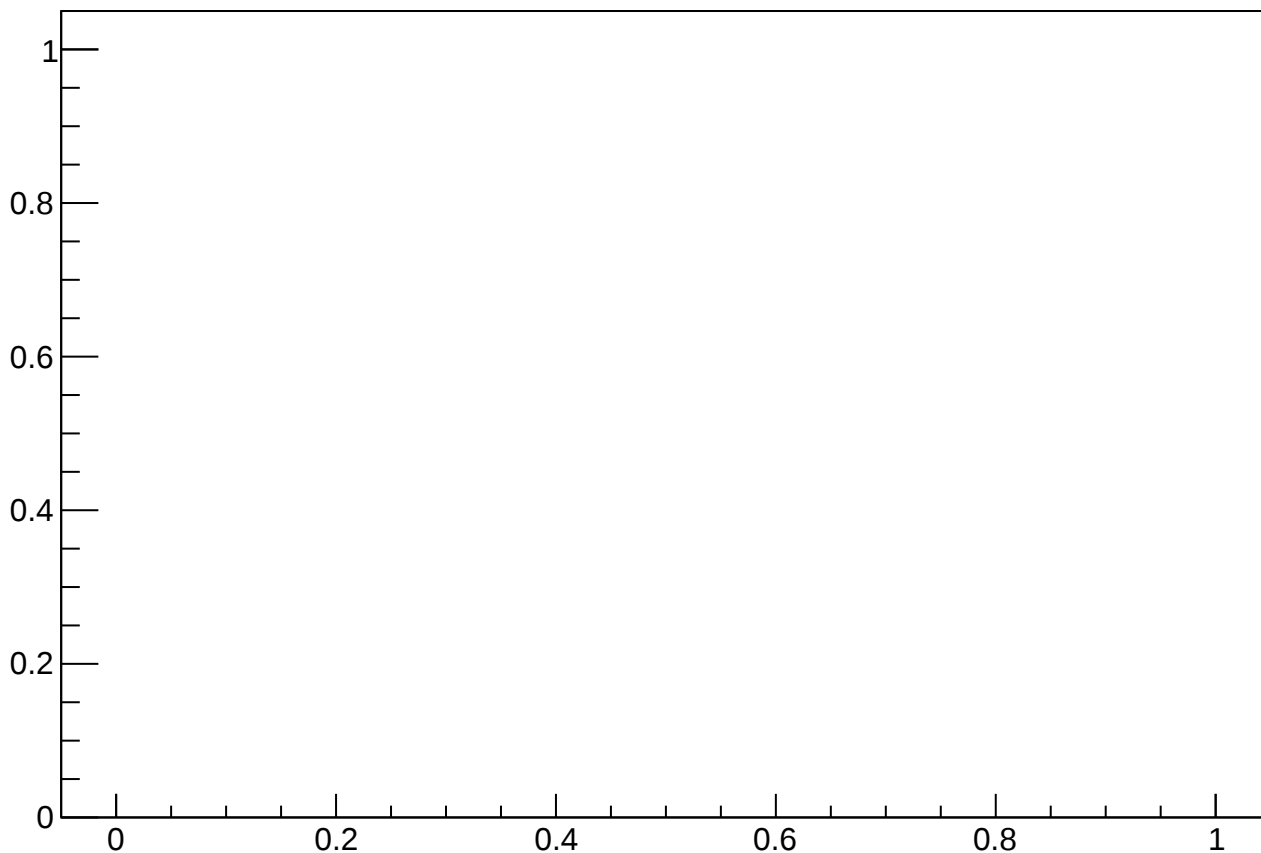
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

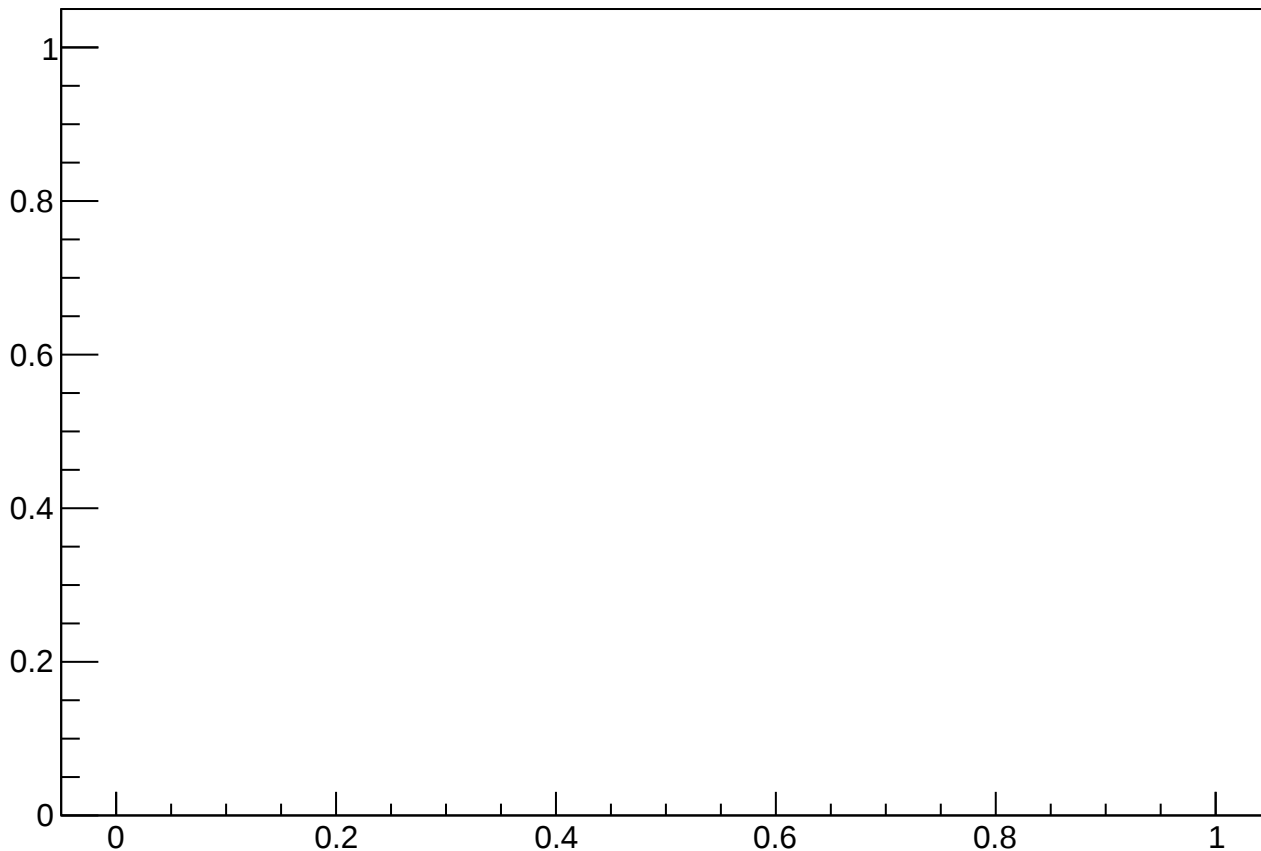
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

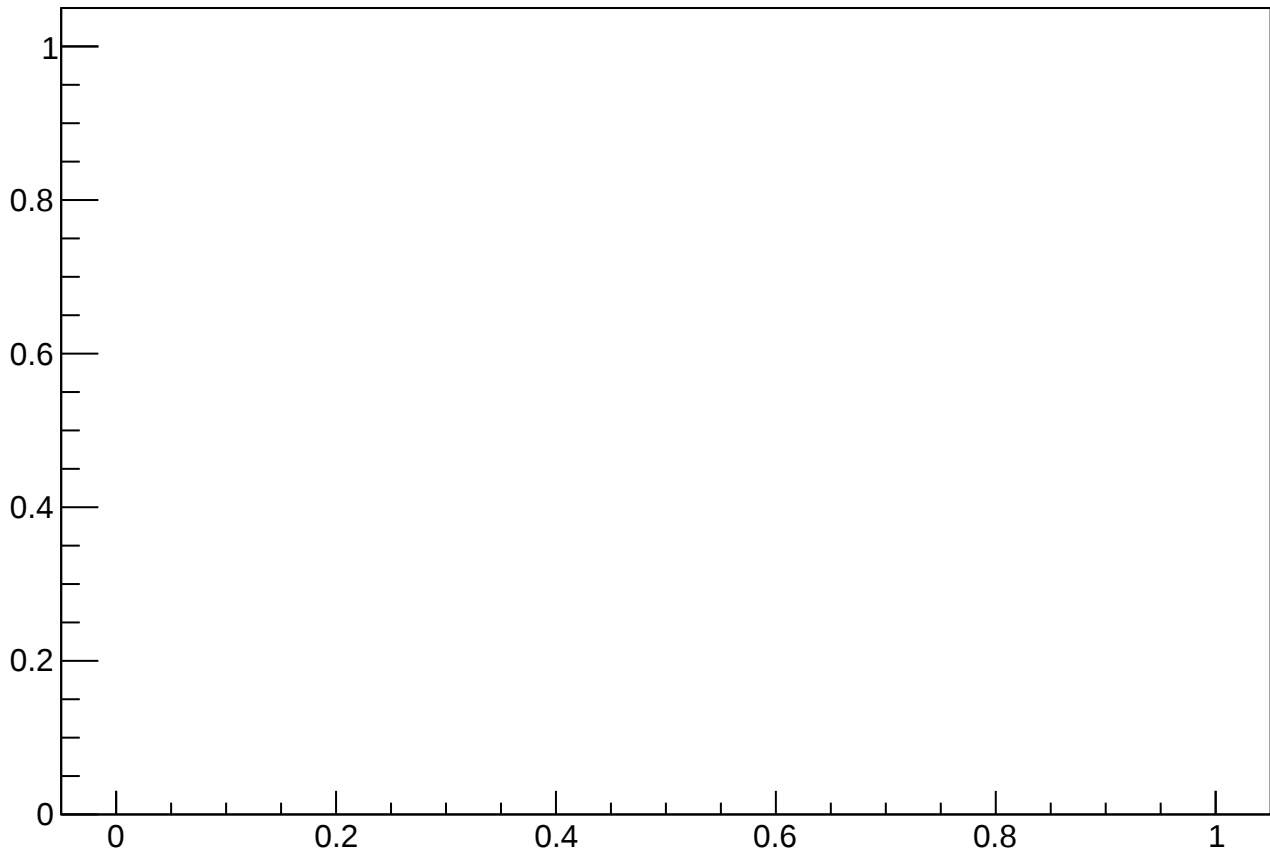
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

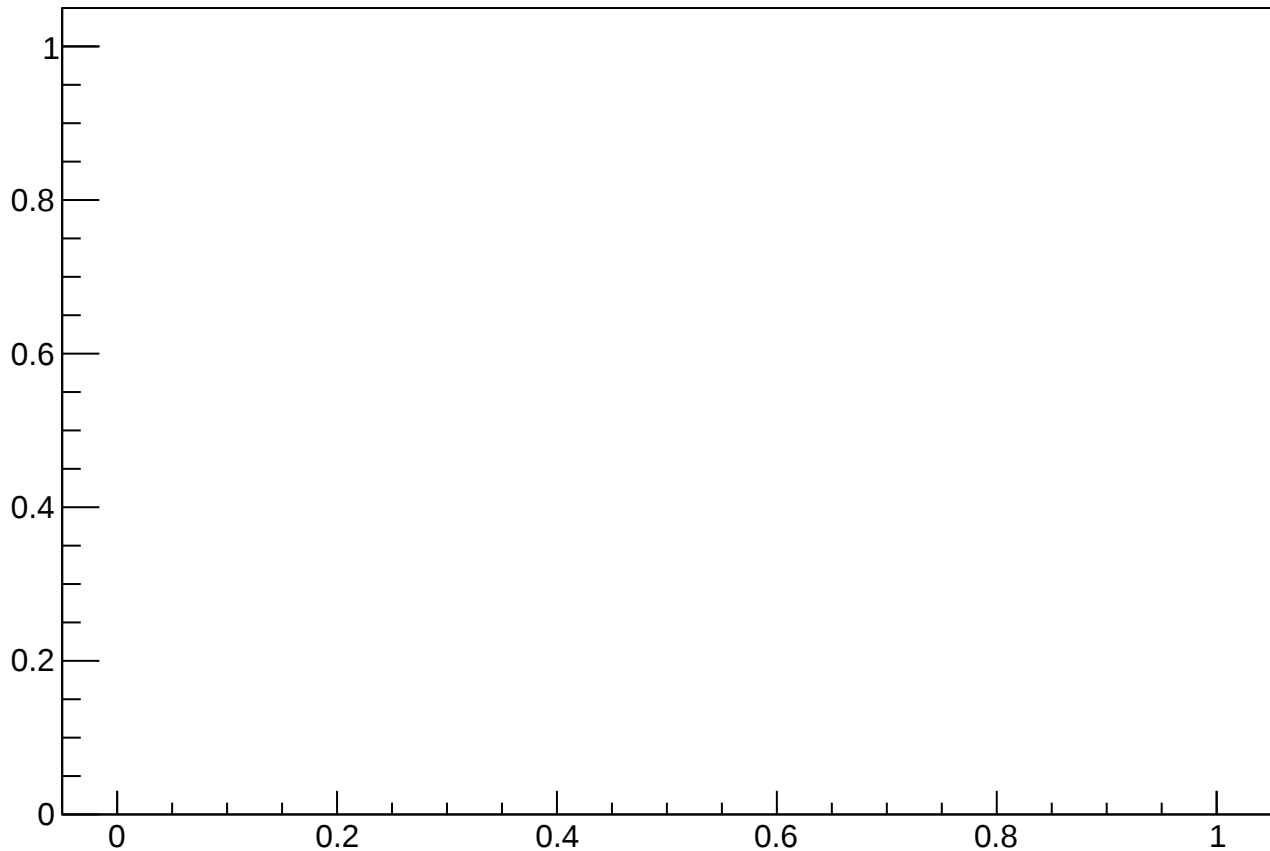
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

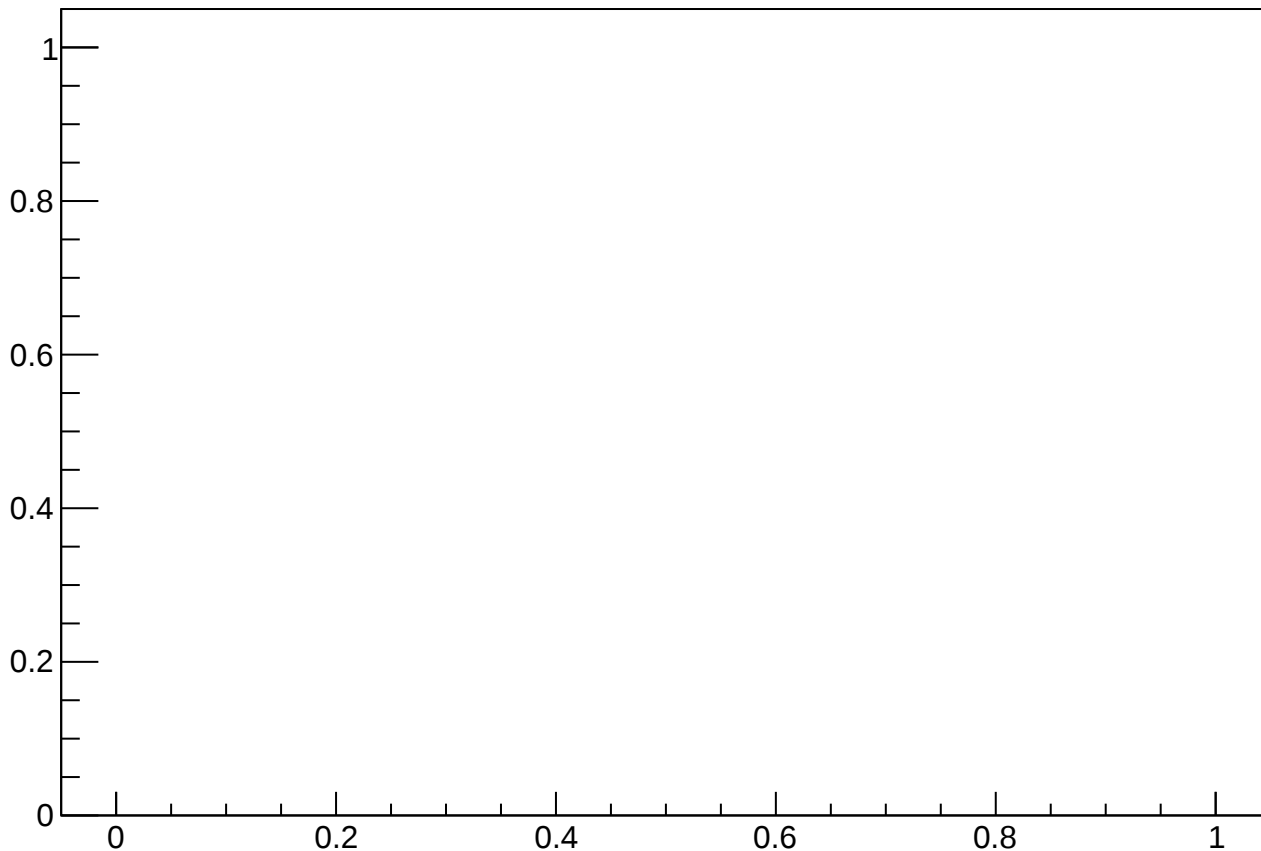
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

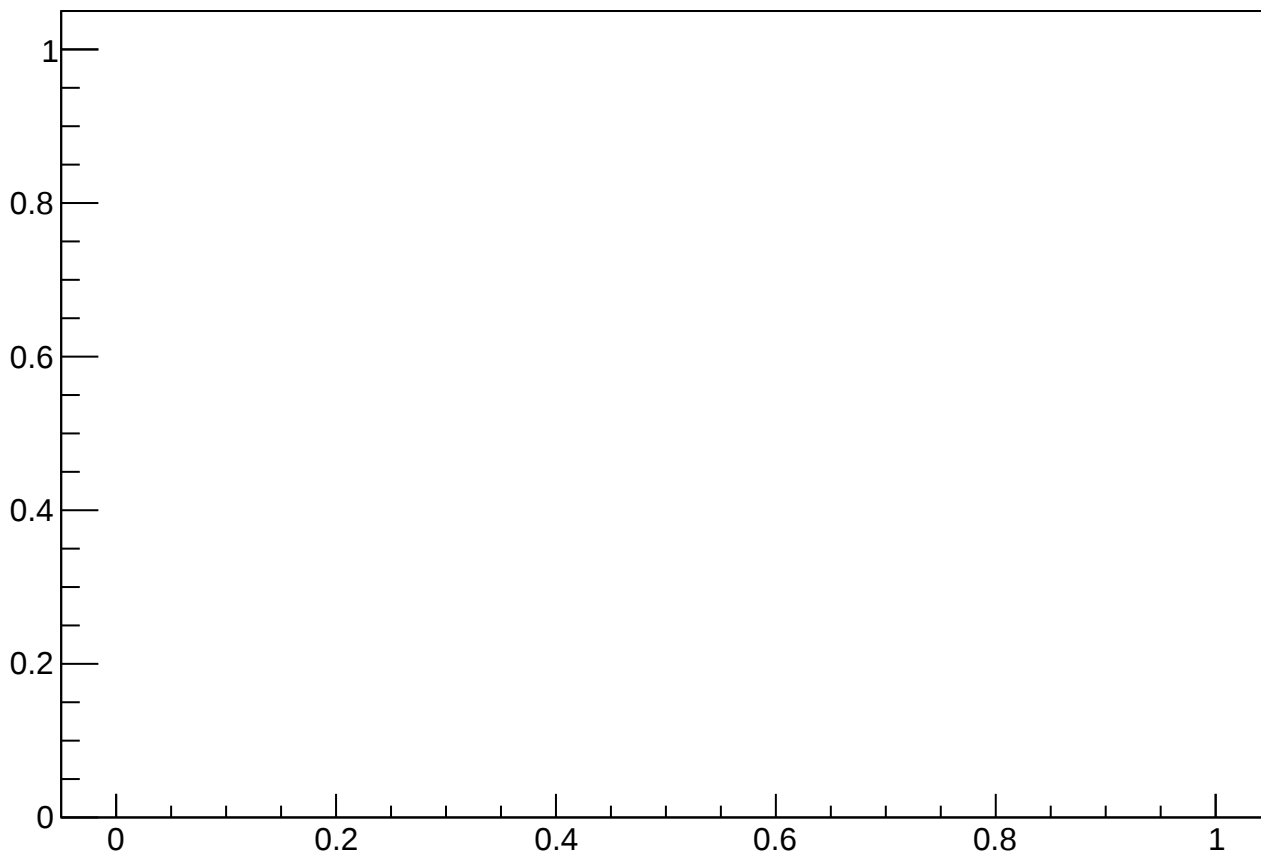
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

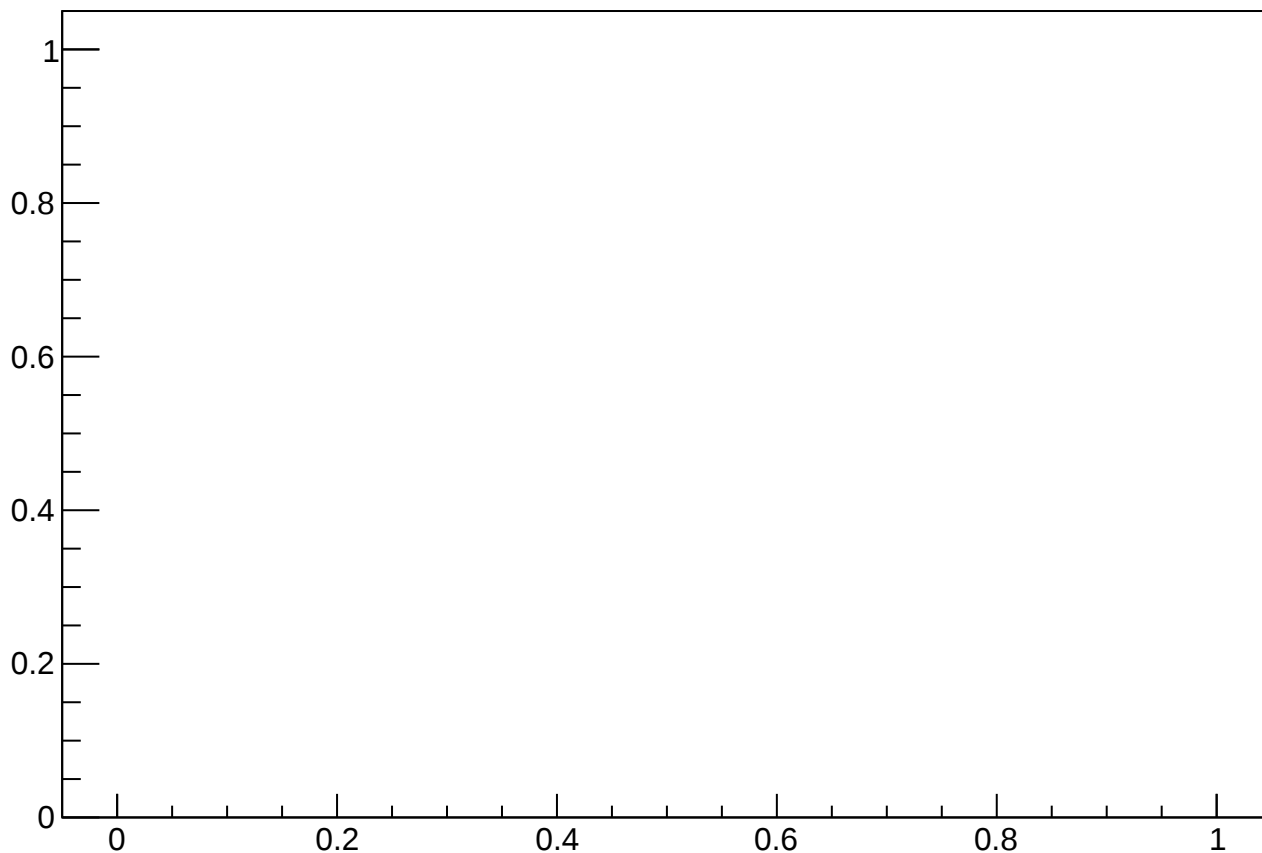
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

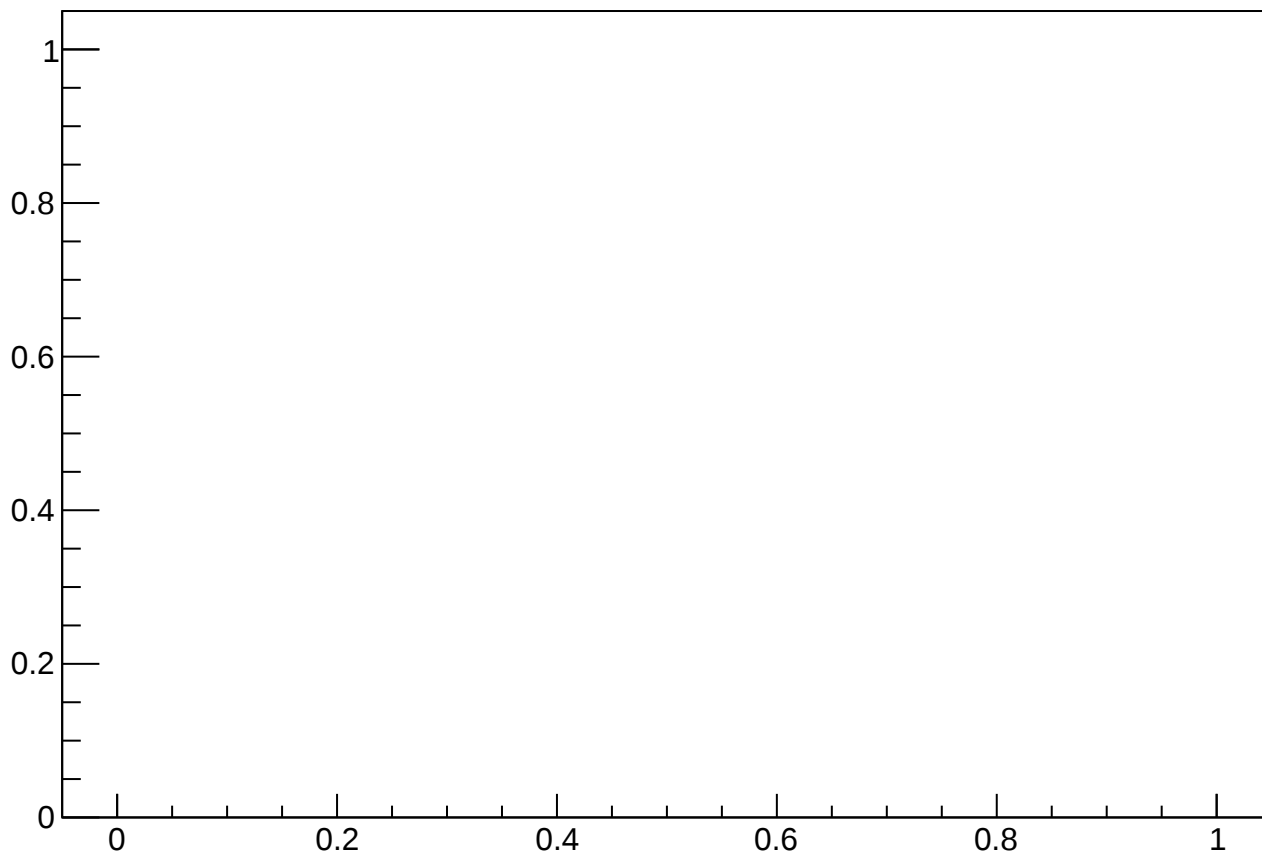
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

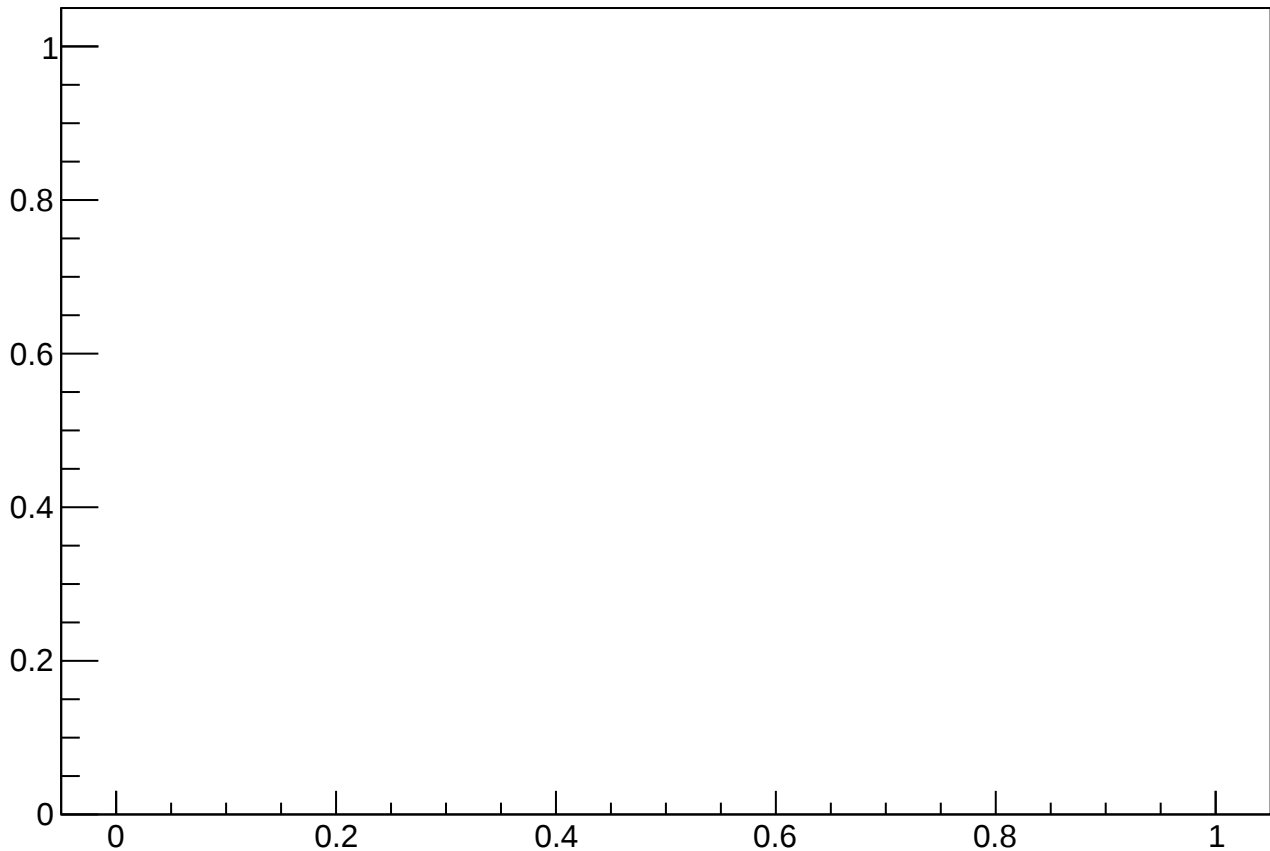
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

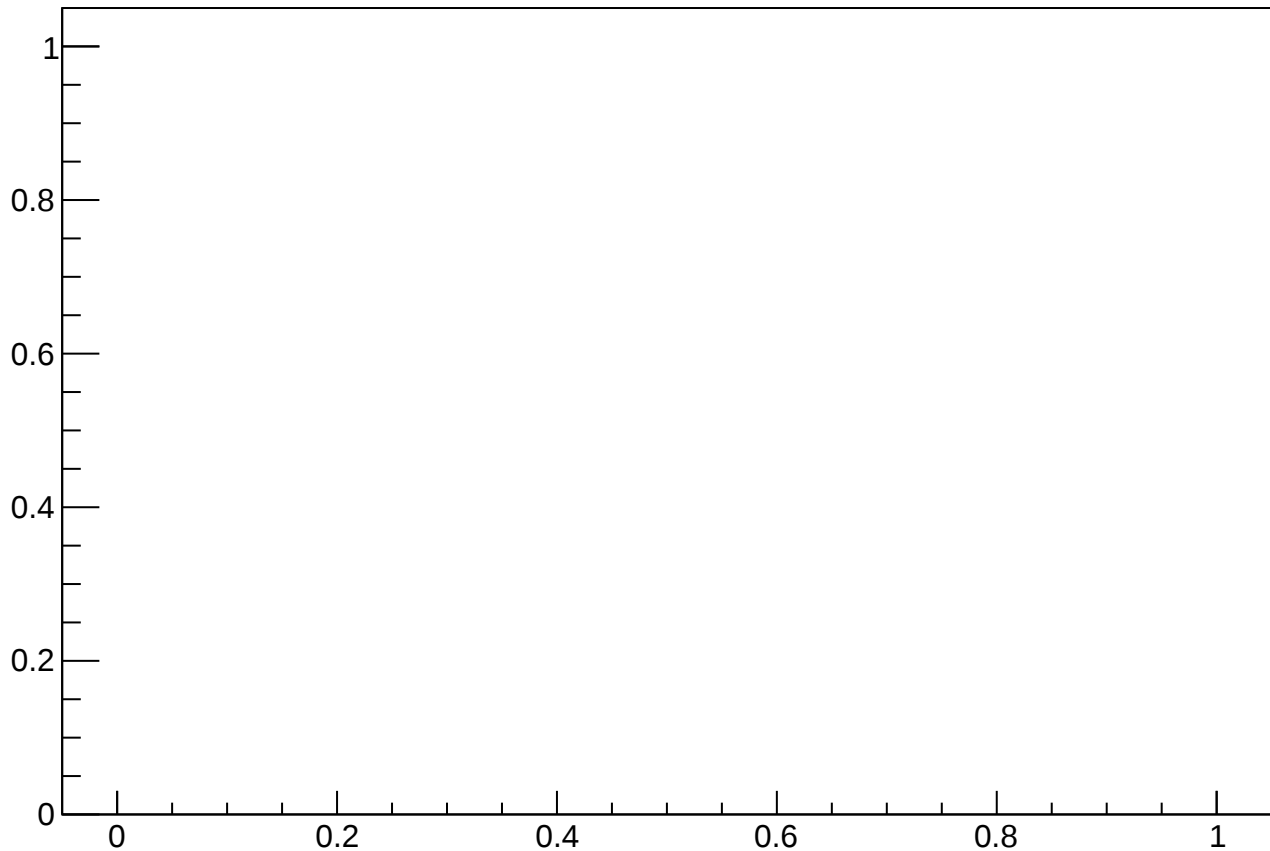
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

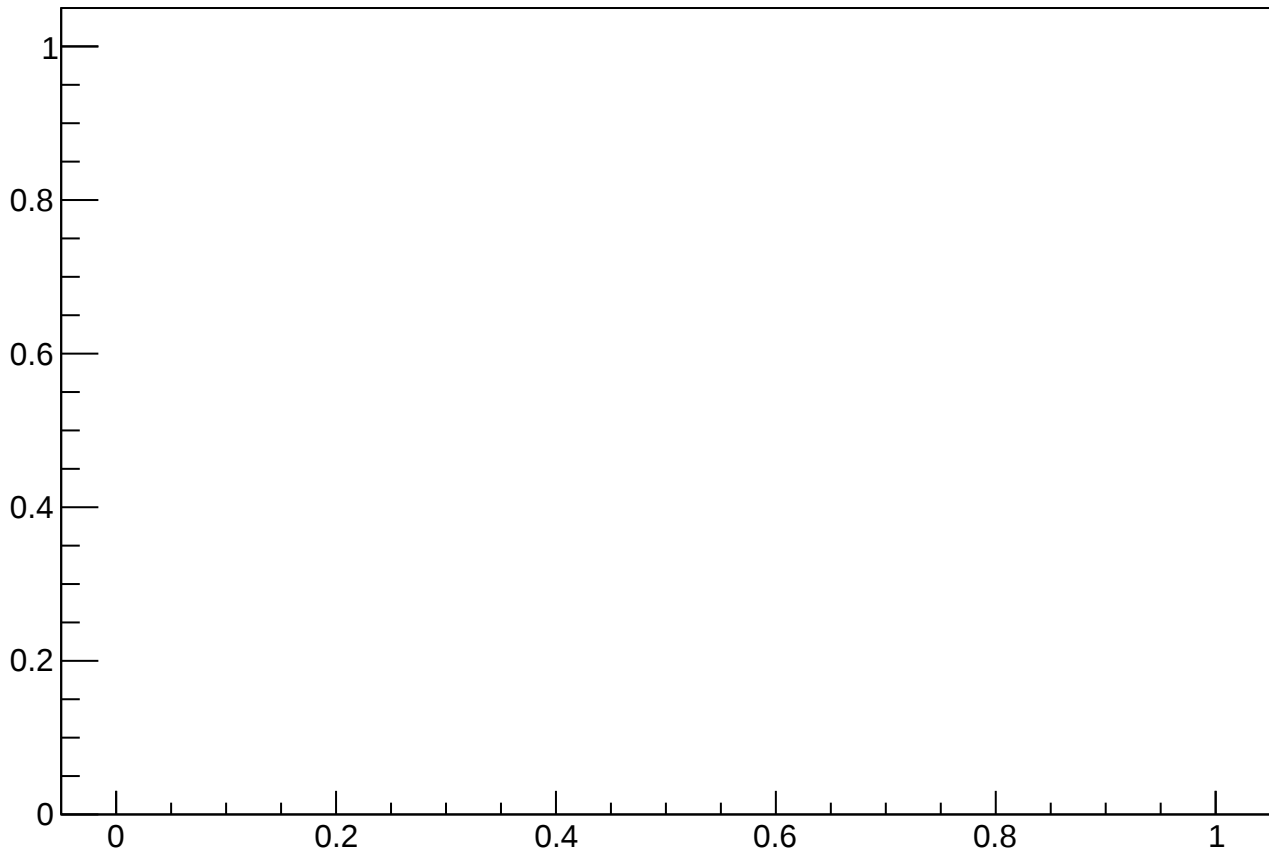
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

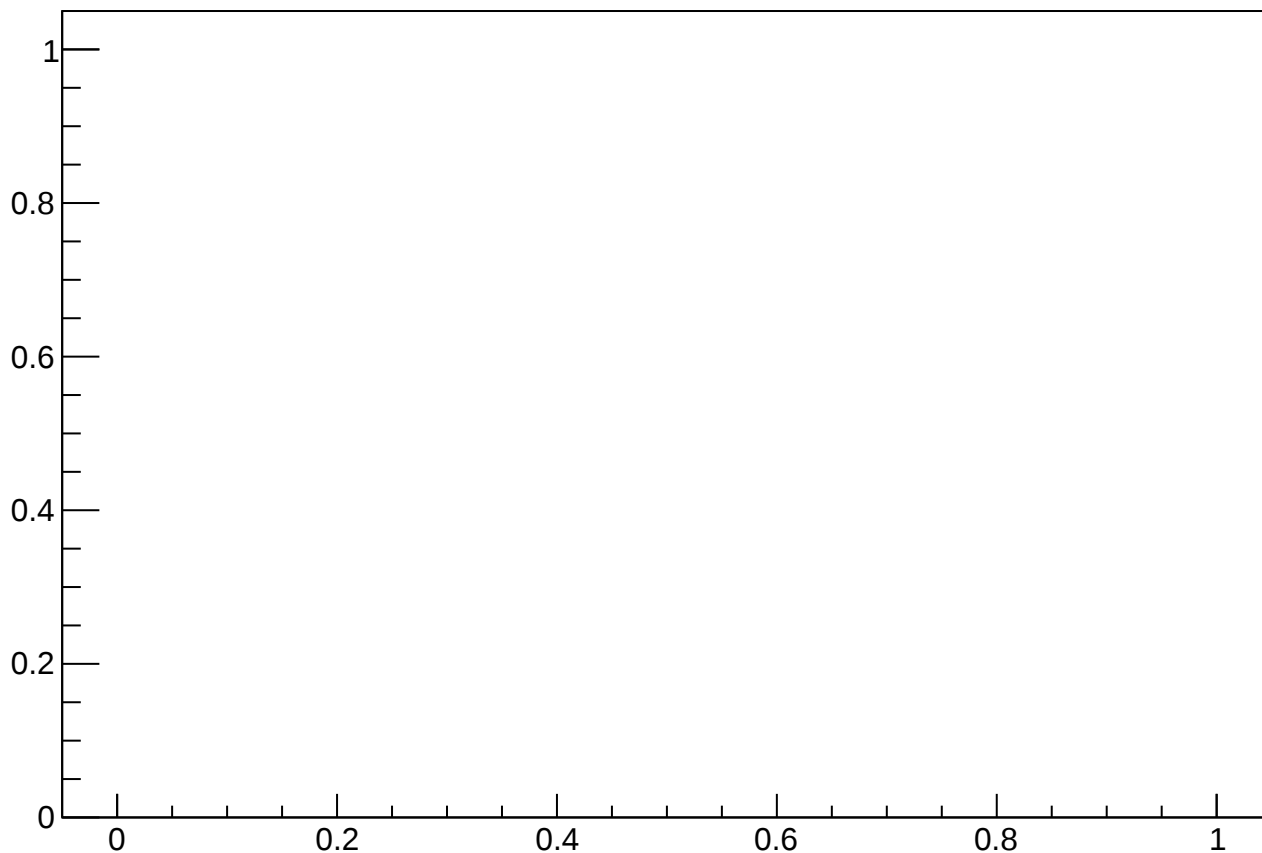
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

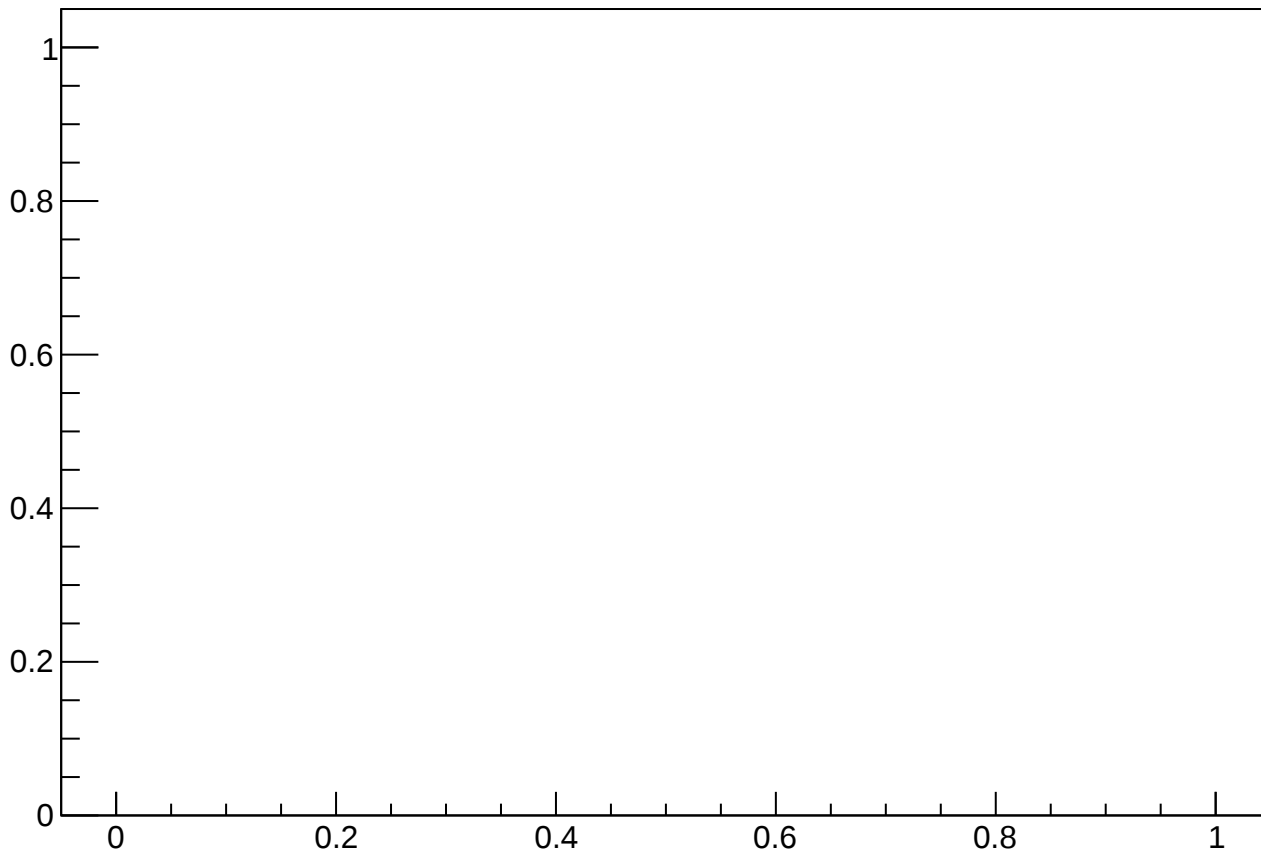
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

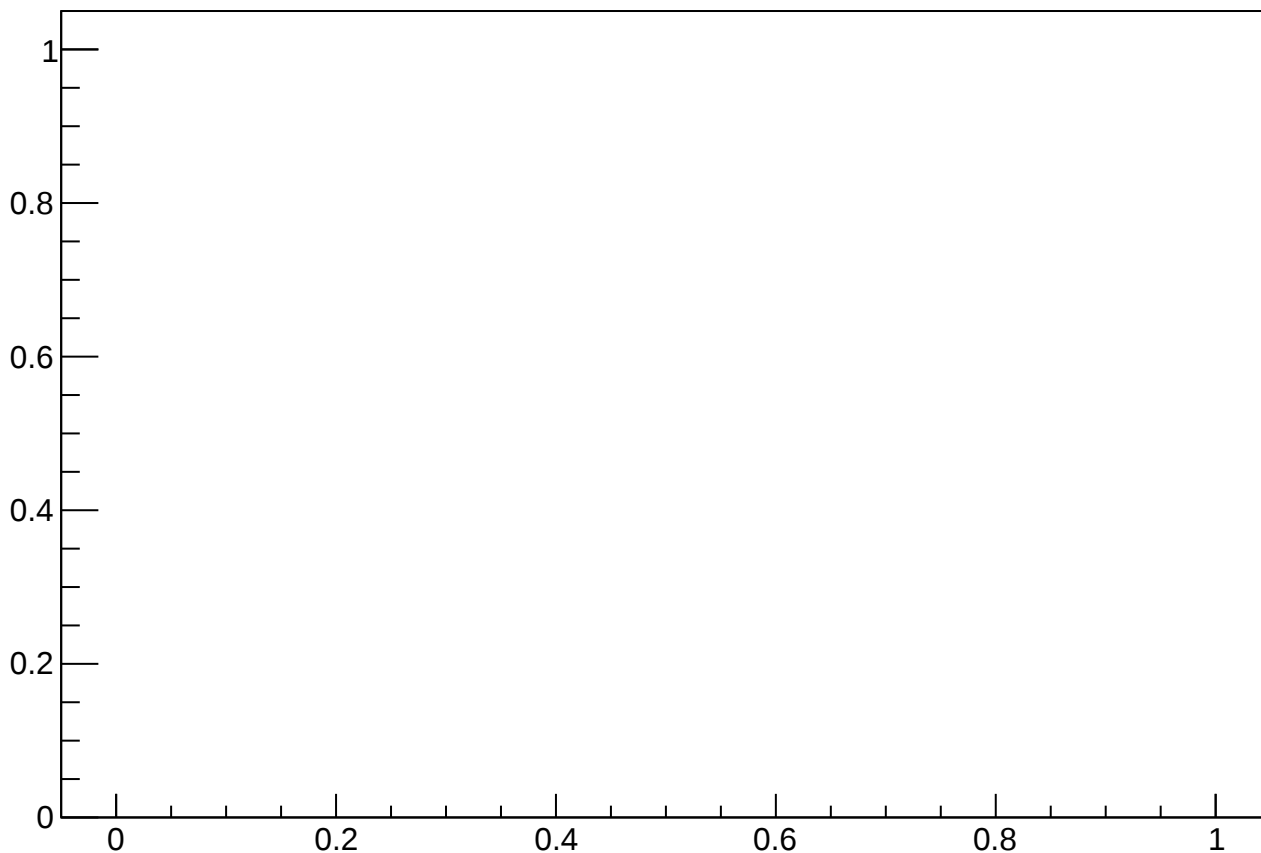
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

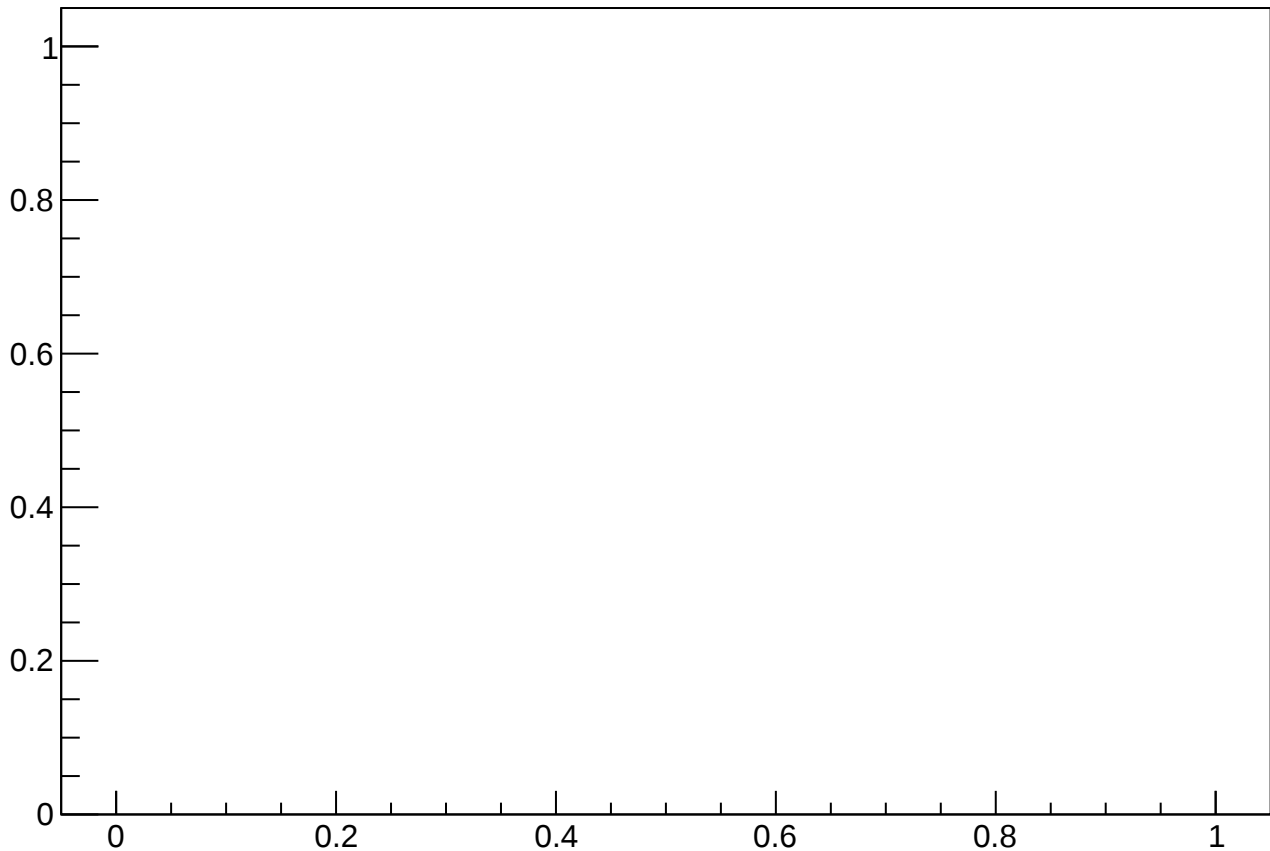
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

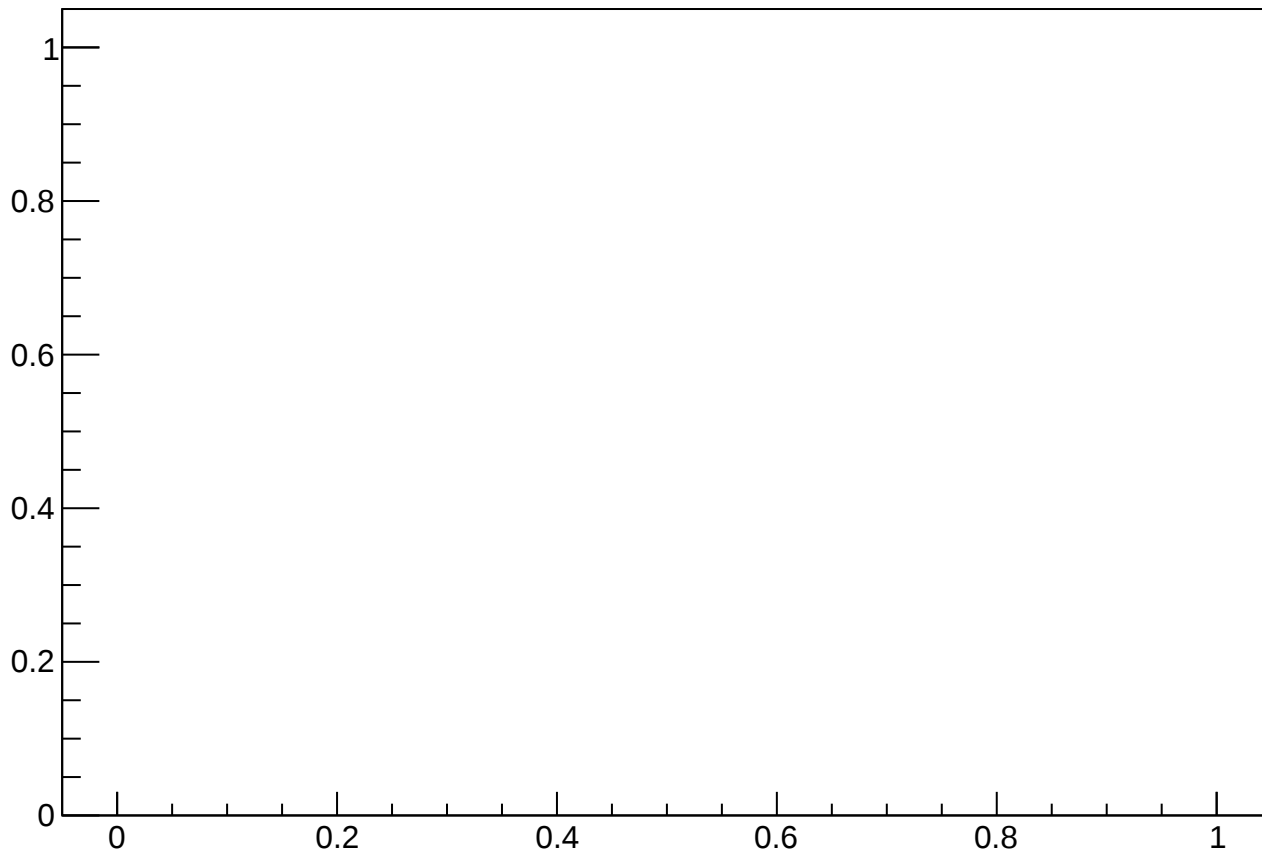
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

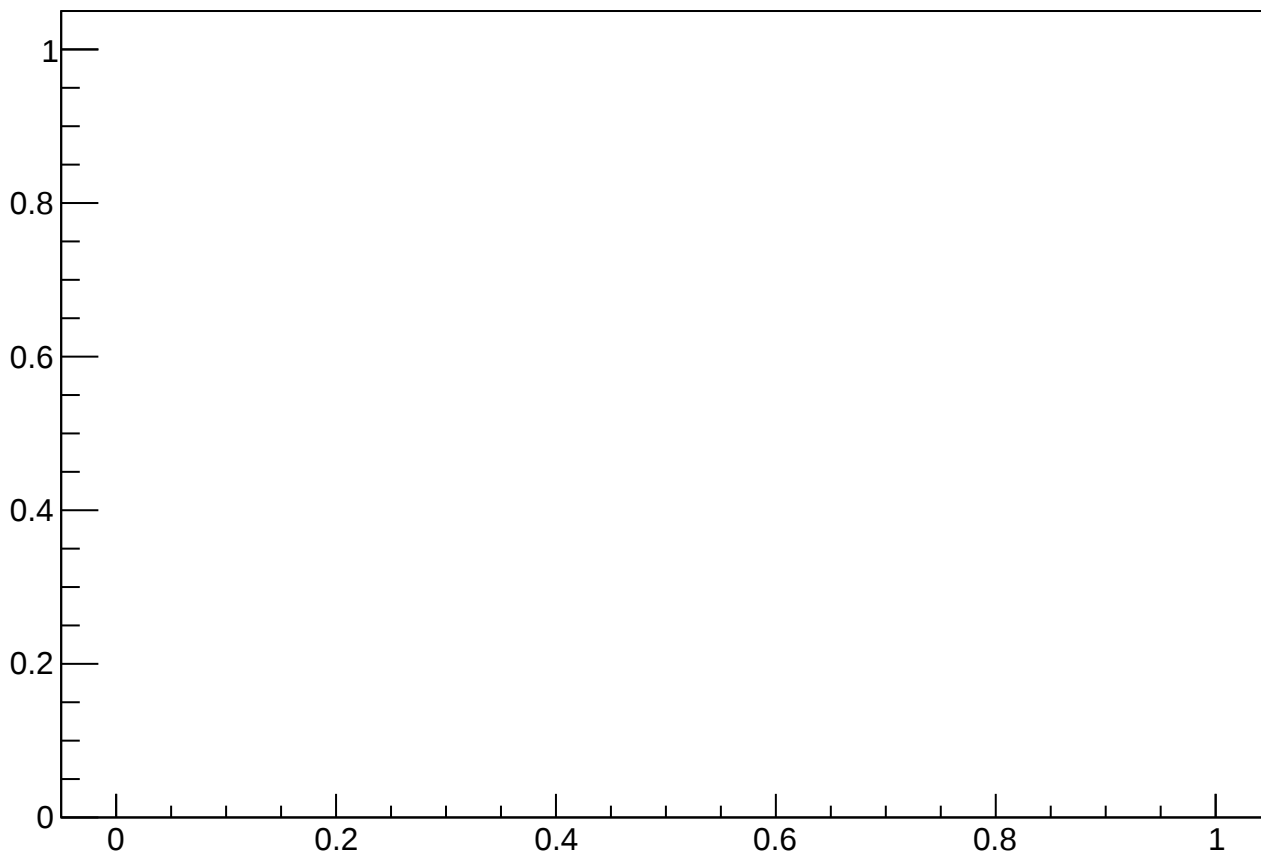
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

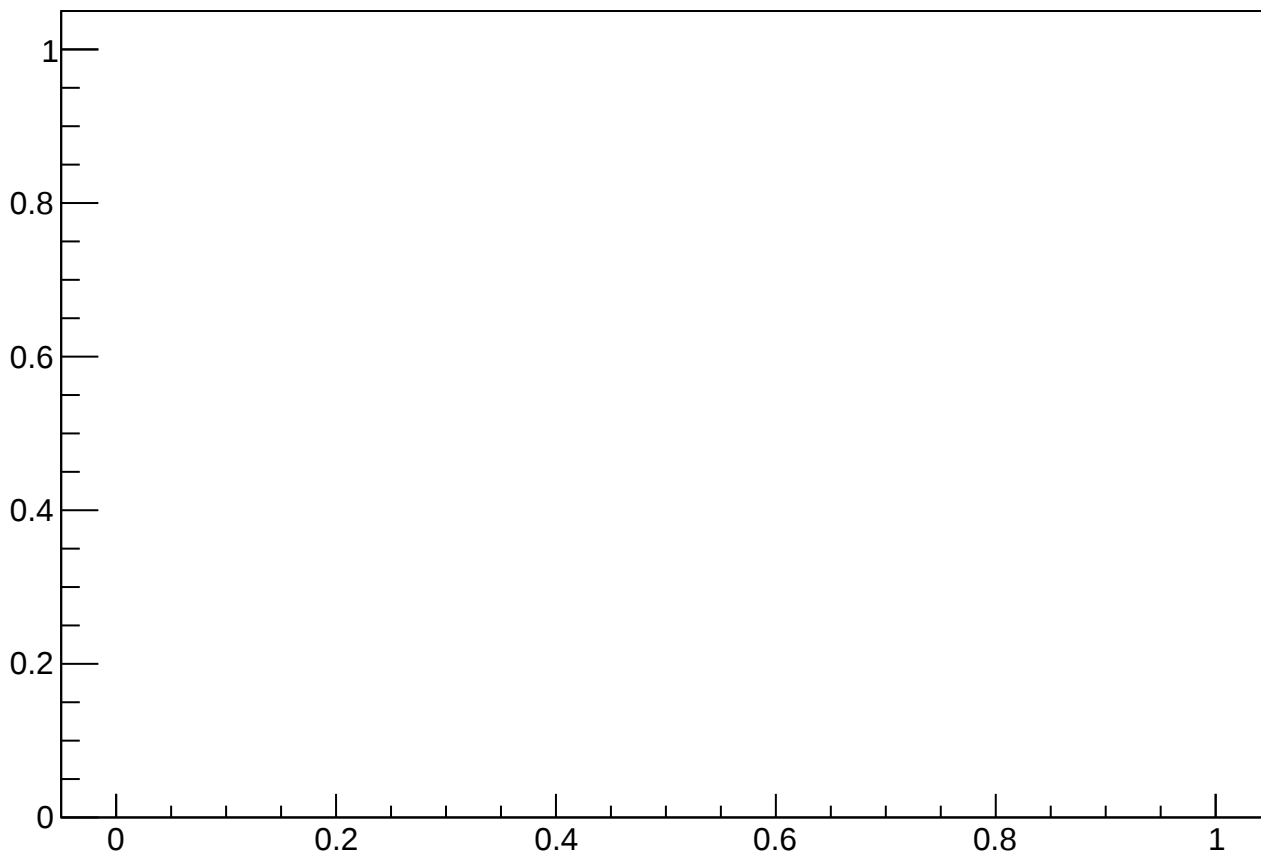
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

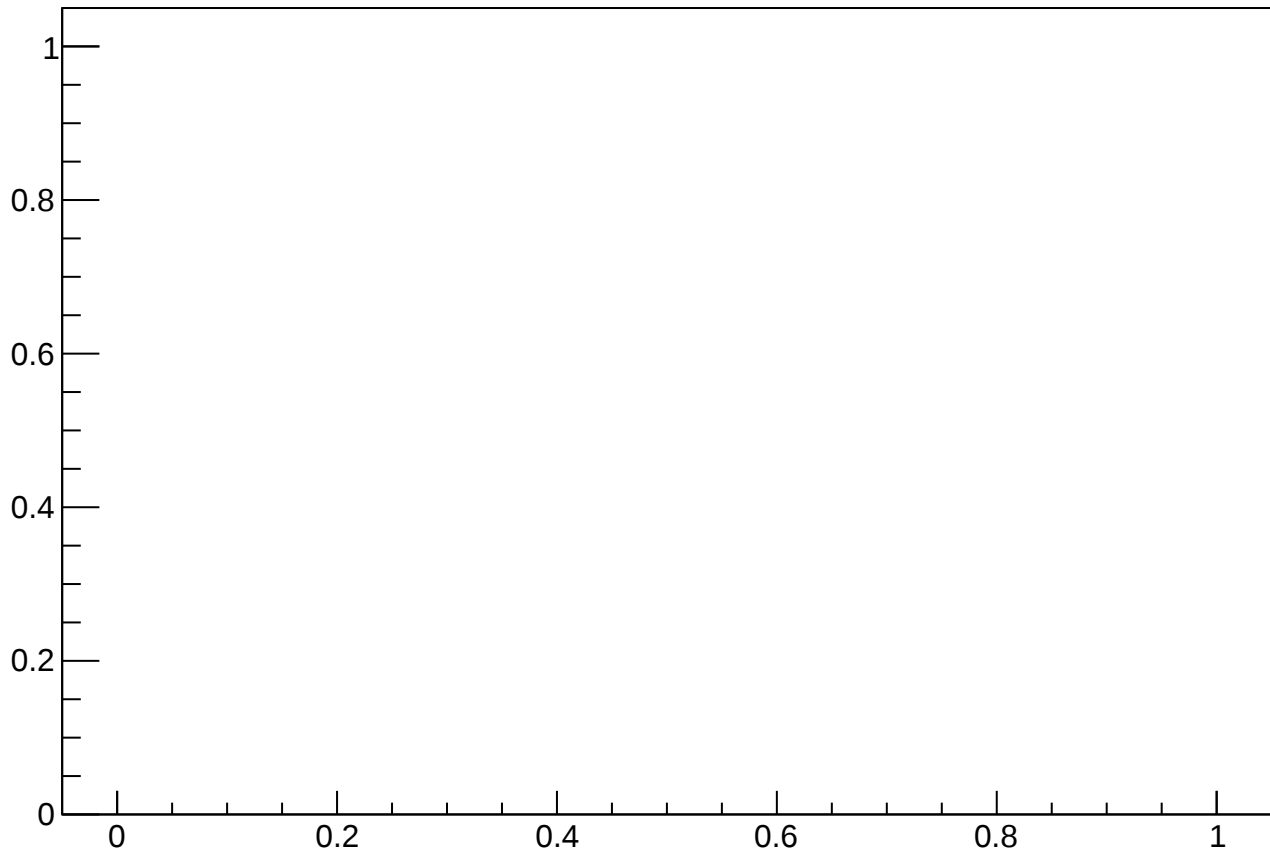
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

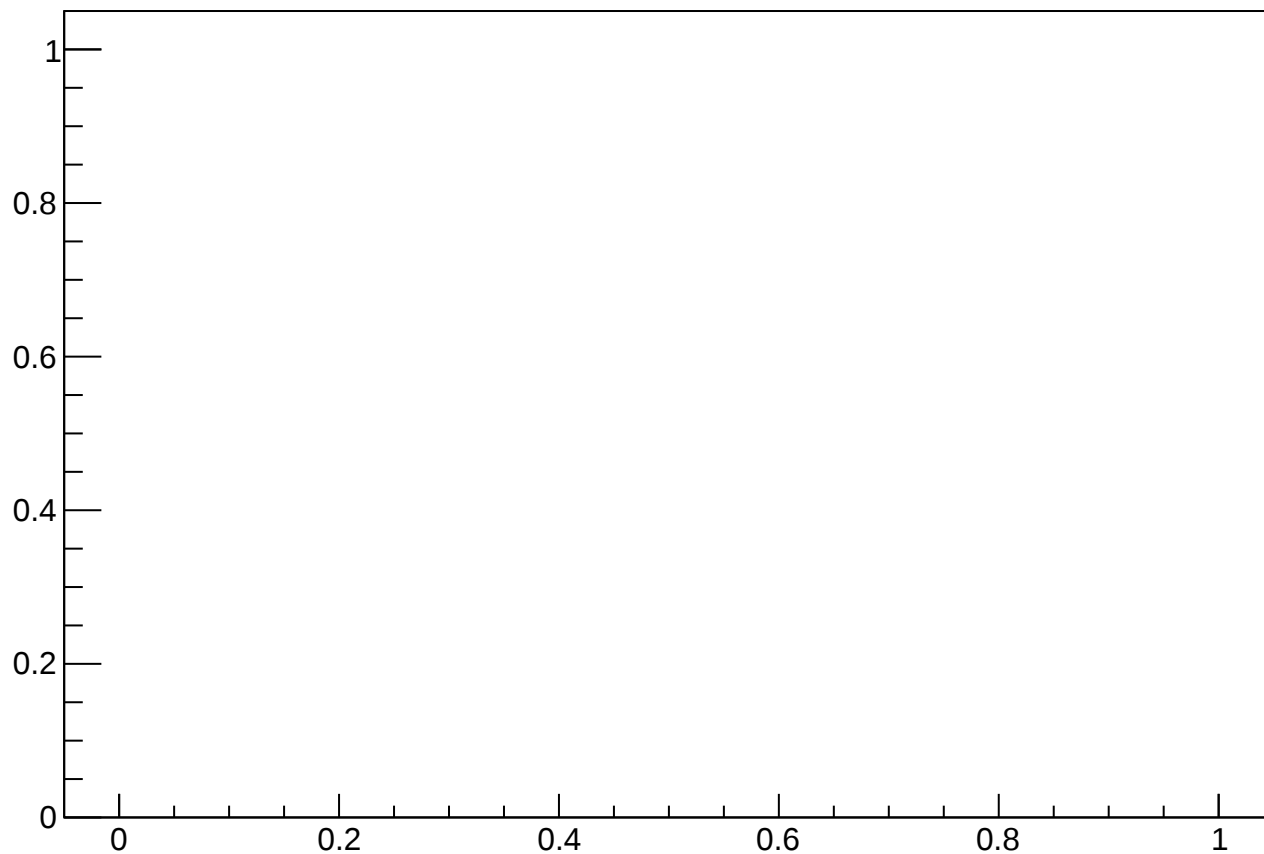
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

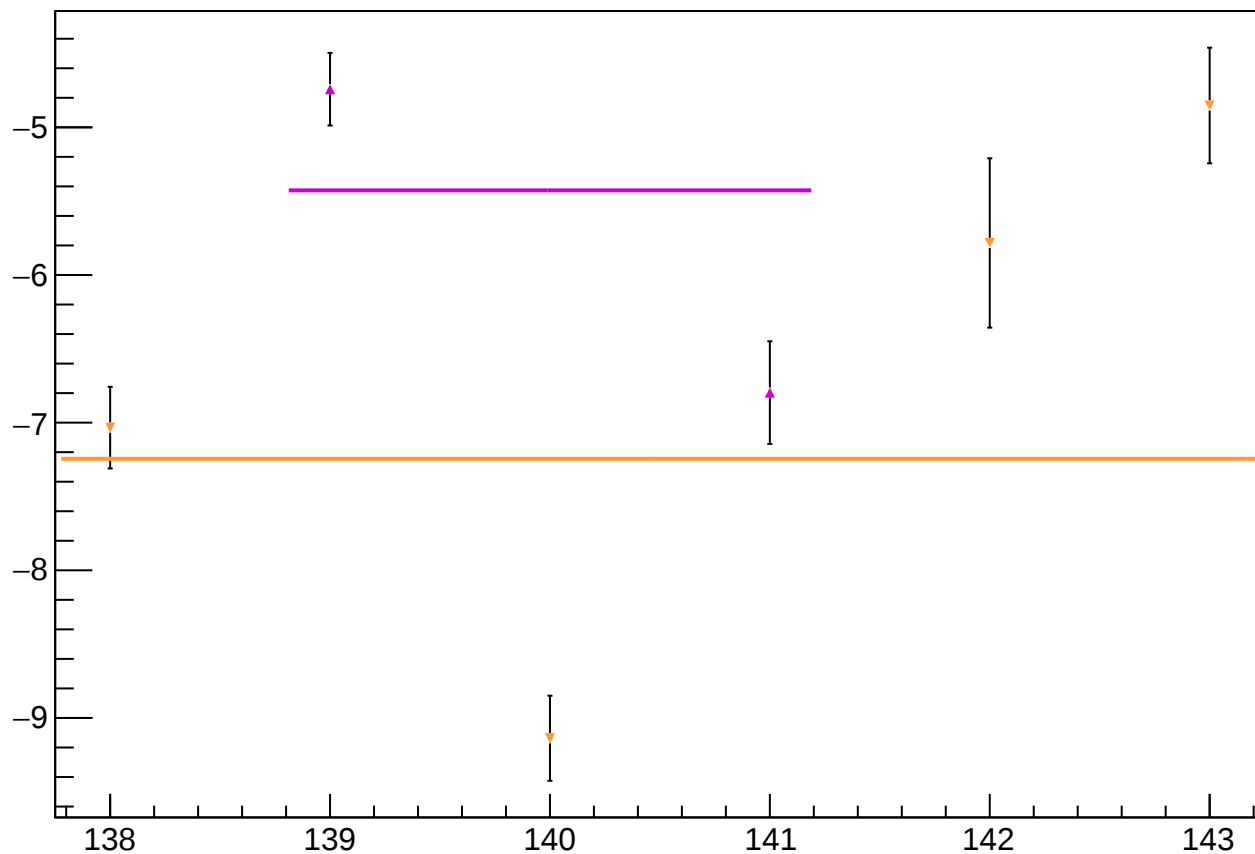
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -7.245+/-0.170 χ^2/NDF :87.6/3

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: -6.487+/-0.130 χ^2/NDF : 158.6/5

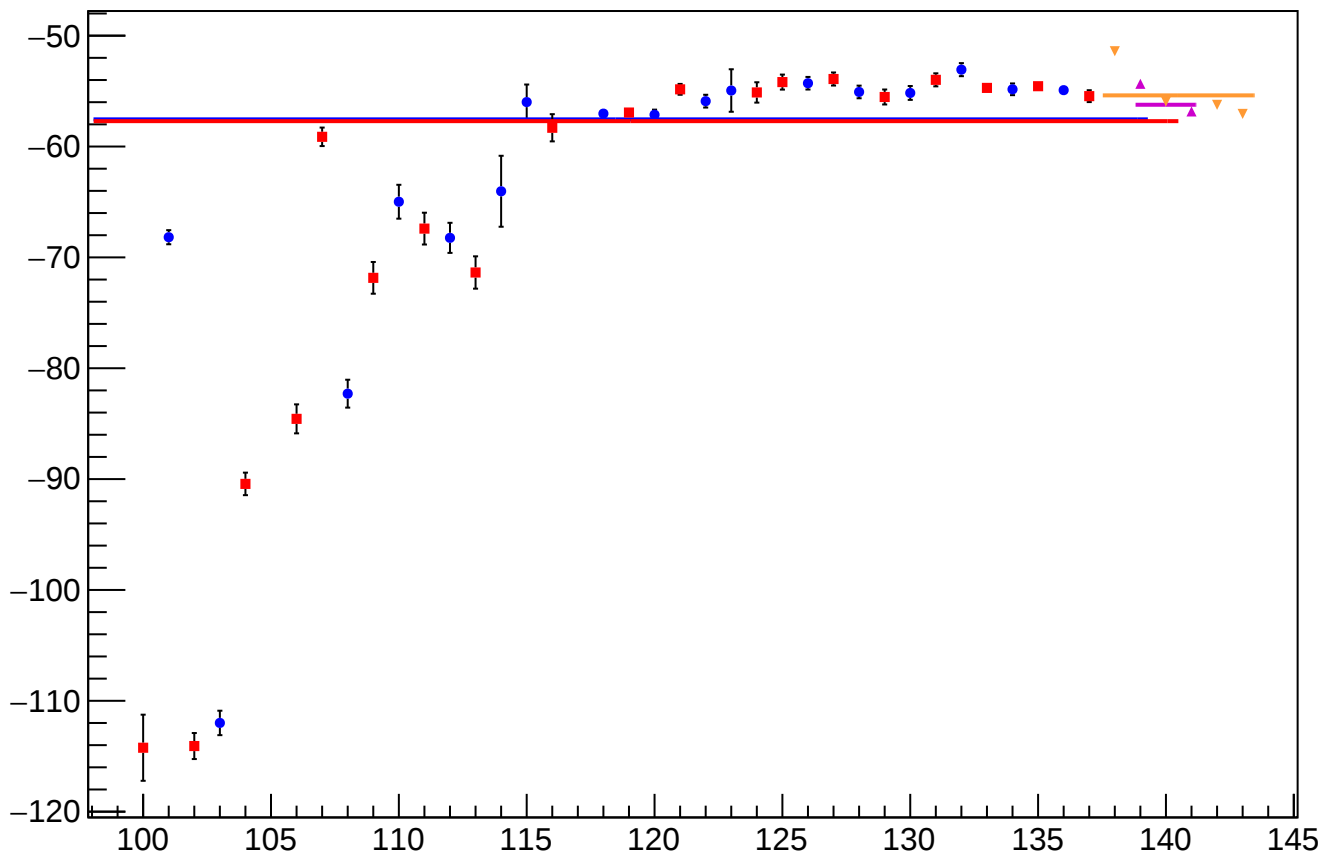
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.427+/-0.201 χ^2/NDF :23.3/1

Out: -7.245+/-0.170 χ^2/NDF :87.6/3

All: -6.487+/-0.130 χ^2/NDF : 158.6/5

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -55.385 ± 0.145 χ^2/NDF : 200.8/3

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: -55.643 ± 0.121 χ^2/NDF : 235.1/5

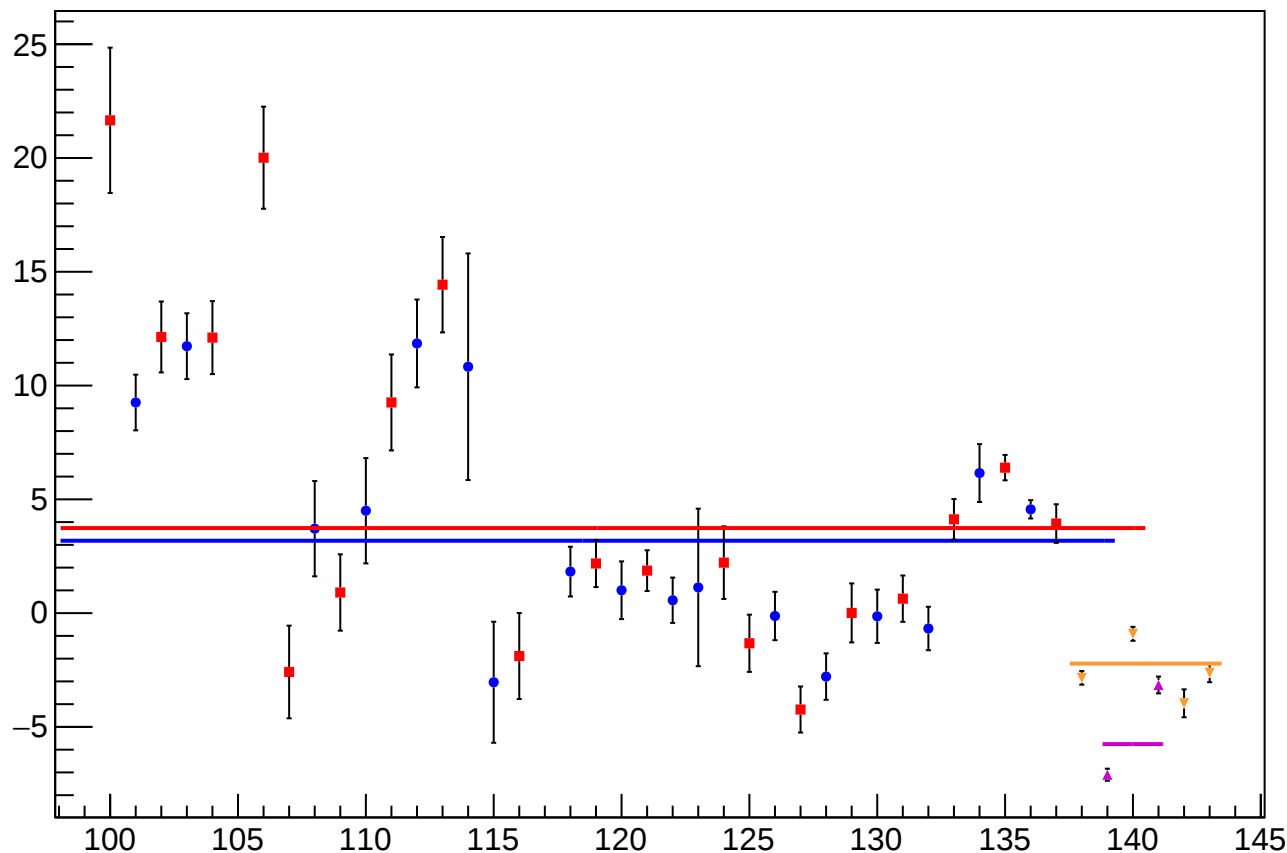
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -57.160 ± 0.119 χ^2/NDF : 3509.8/18

Out: -56.563 ± 0.102 χ^2/NDF : 5035.4/22

All: -56.815 ± 0.077 χ^2/NDF : 8559.8/41

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -2.218 ± 0.182 $\chi^2/\text{NDF}: 31.6/3$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -5.756 ± 0.216 $\chi^2/\text{NDF}: 75.0/1$

Left: -3.689 ± 0.139 $\chi^2/\text{NDF}: 263.2/5$

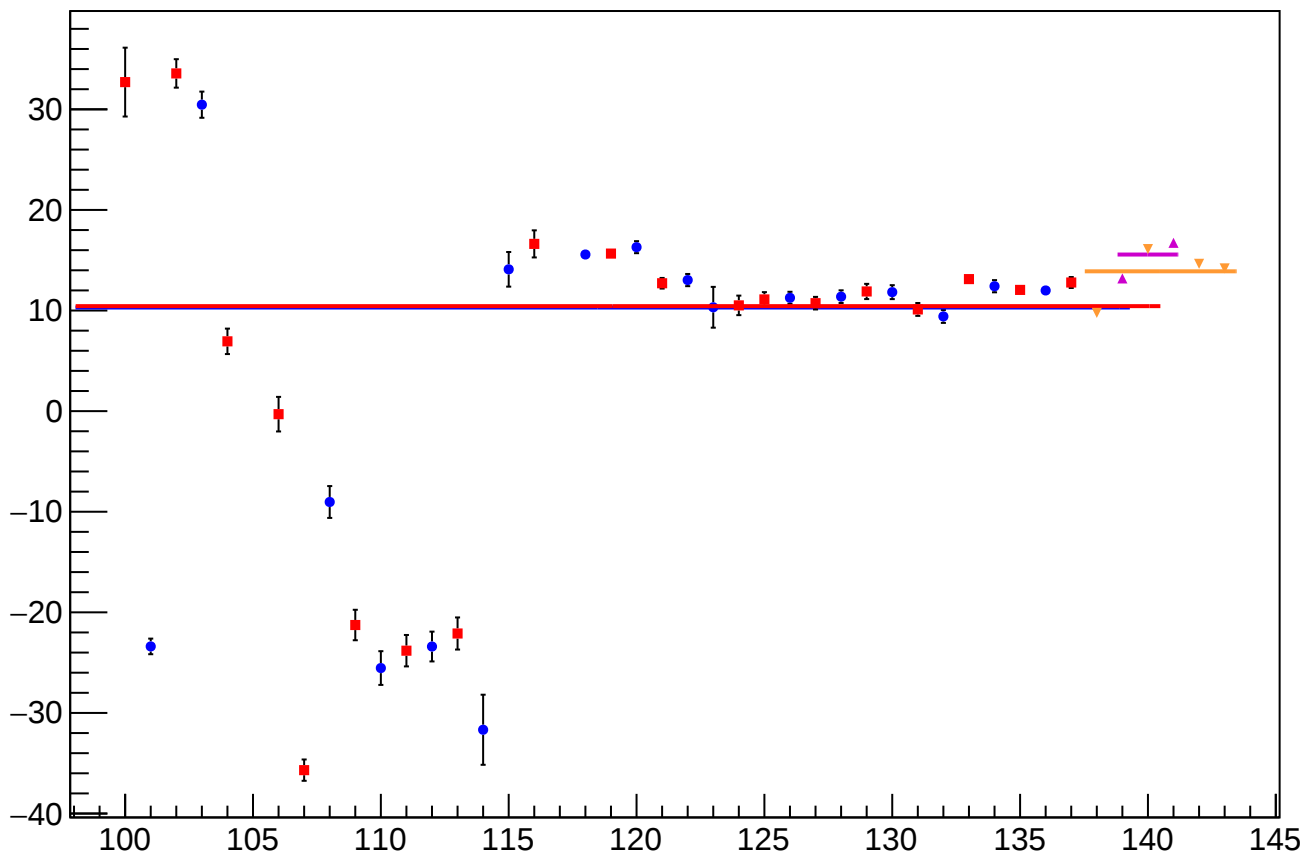
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -2.072 ± 0.166 $\chi^2/\text{NDF}: 965.6/18$

Out: -0.323 ± 0.151 $\chi^2/\text{NDF}: 691.9/22$

All: -1.115 ± 0.111 $\chi^2/\text{NDF}: 1718.5/41$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.899+/-0.170 χ^2/NDF :198.7/3

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: 14.439+/-0.140 χ^2/NDF : 275.6/5

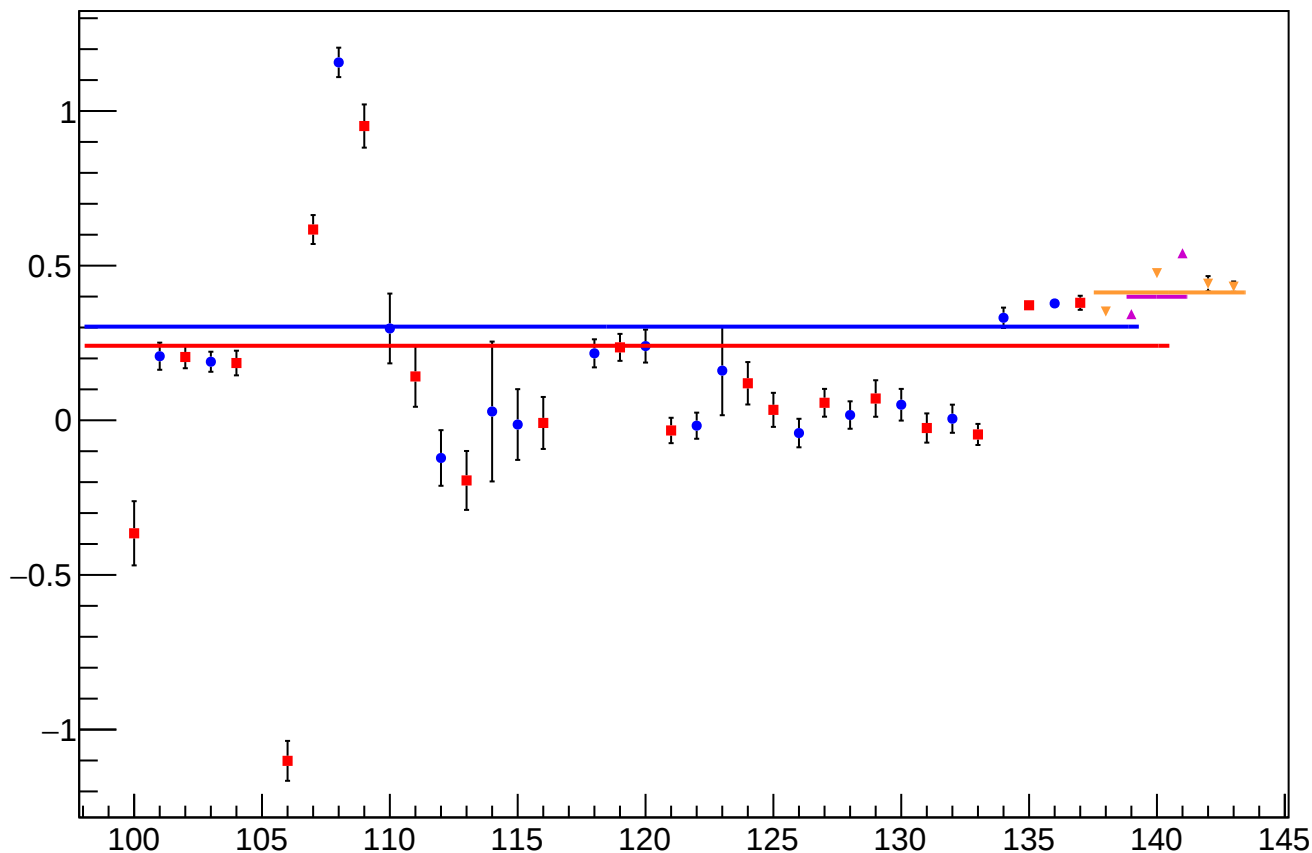
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 11.826+/-0.132 χ^2/NDF :4071.1/18

Out: 12.059+/-0.116 χ^2/NDF :4247.6/22

All: 11.957+/-0.087 χ^2/NDF : 8320.4/41

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: 0.413 $\pm$ 0.007 χ^2 /NDF:53.2/3

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: 0.407 $\pm$ 0.005 χ^2 /NDF: 180.2/5

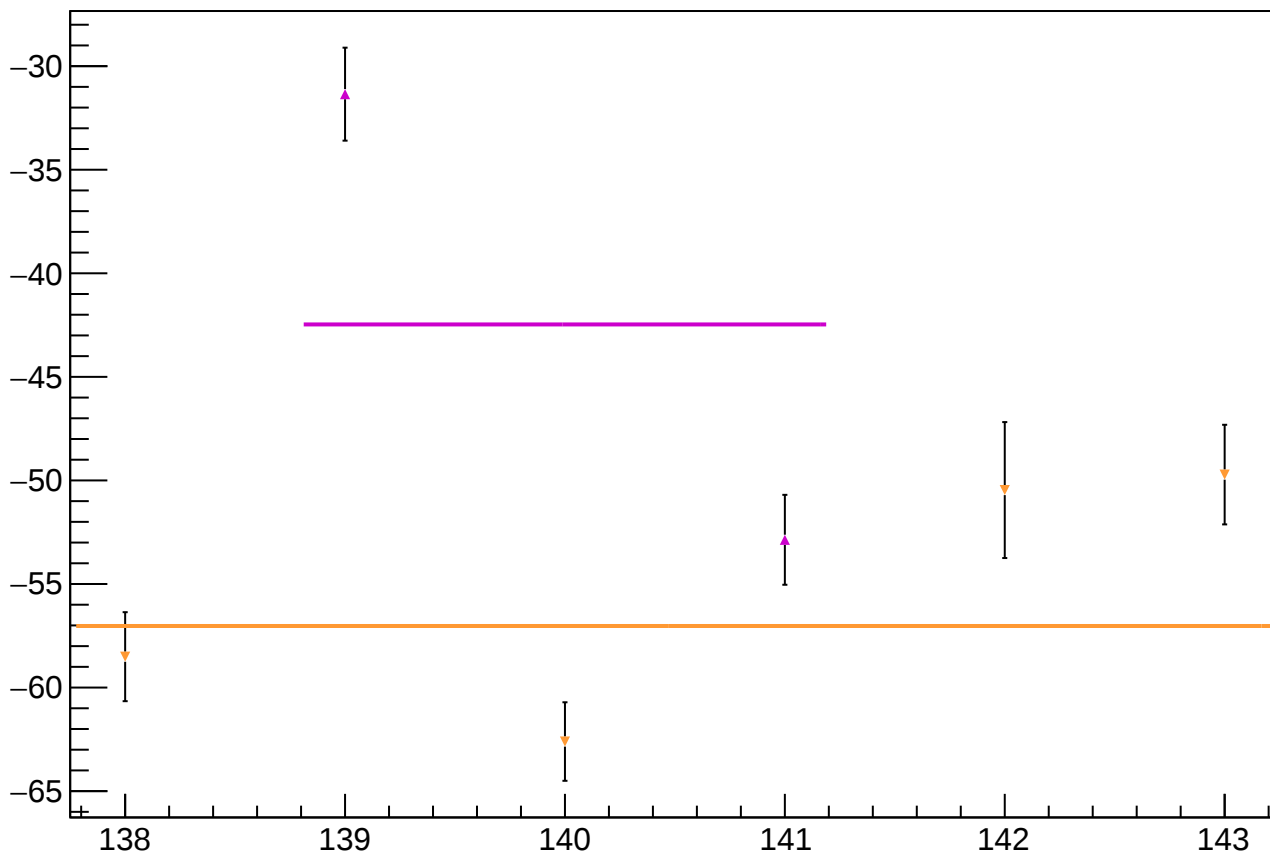
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.353 $\pm$ 0.006 χ^2 /NDF:844.1/18

Out: 0.339 $\pm$ 0.006 χ^2 /NDF:1277.4/22

All: 0.346 $\pm$ 0.004 χ^2 /NDF: 2124.3/41

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.028+/-1.146 χ^2/NDF :22.4/3

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: -51.923+/-0.924 χ^2/NDF : 126.4/5

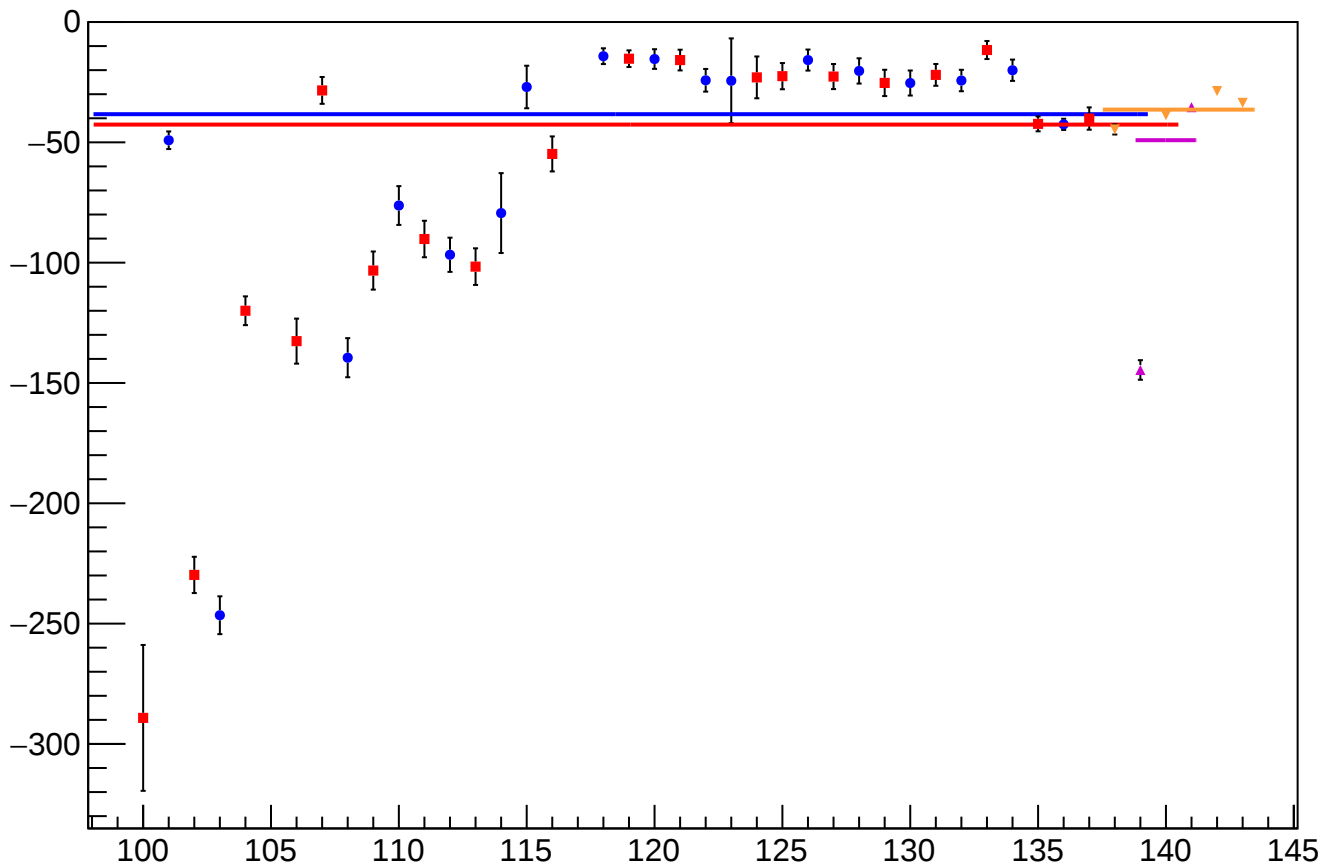
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.469+/-1.560 χ^2/NDF :47.5/1

Out: -57.028+/-1.146 χ^2/NDF :22.4/3

All: -51.923+/-0.924 χ^2/NDF : 126.4/5

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 $\pm$ 1.138 χ^2/NDF : 1132.8/16

Left Out: -36.408 $\pm$ 0.896 χ^2/NDF : 34.3/3

Right Out: -42.624 $\pm$ 1.209 χ^2/NDF : 1344.4/18

Left In: -49.110 $\pm$ 1.443 χ^2/NDF : 629.1/1

Left: -39.943 $\pm$ 0.761 χ^2/NDF : 719.3/5

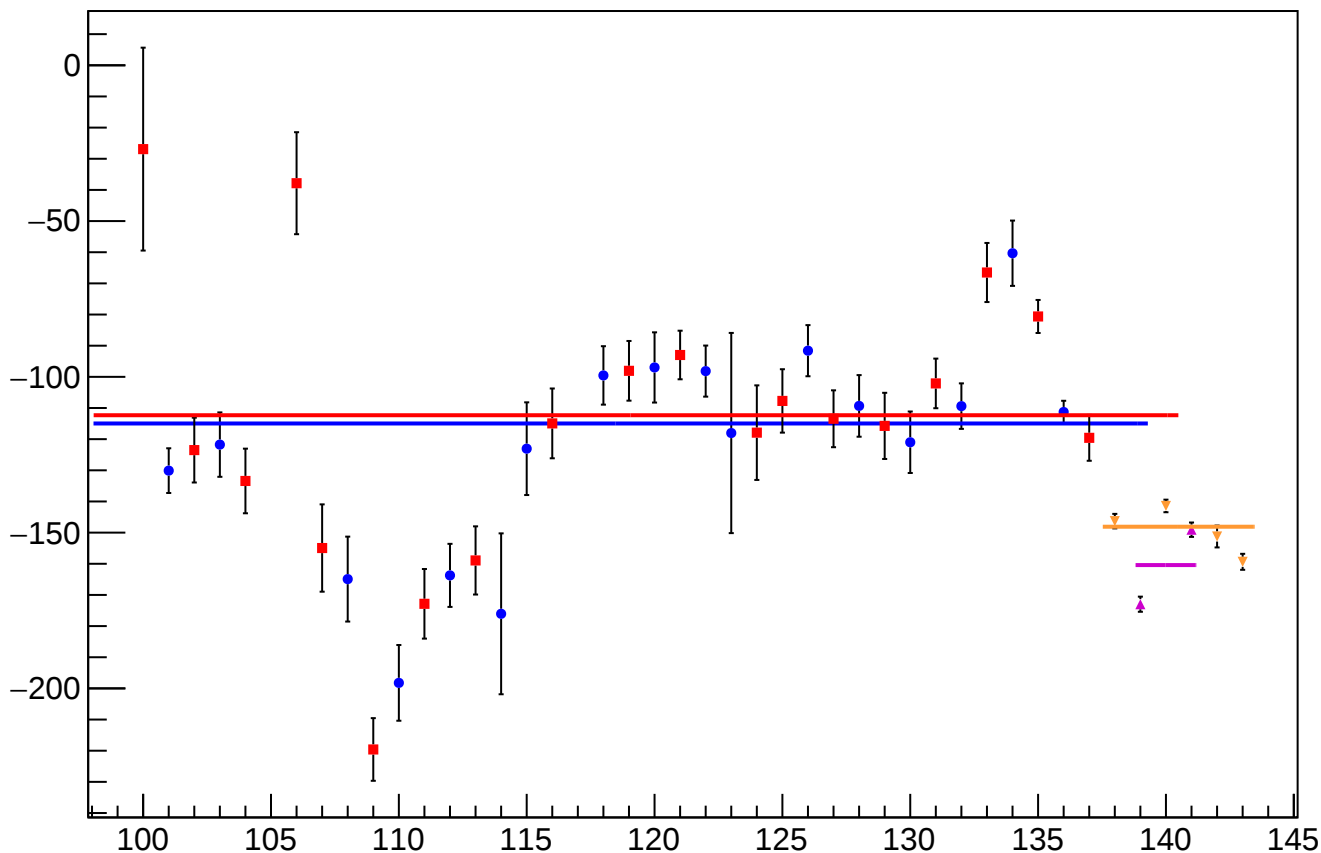
Right: -40.334 $\pm$ 0.829 χ^2/NDF : 2483.9/35

In: -42.447 $\pm$ 0.894 χ^2/NDF : 1796.4/18

Out: -38.613 $\pm$ 0.720 χ^2/NDF : 1395.8/22

All: -40.122 $\pm$ 0.561 χ^2/NDF : 3203.4/41

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 χ^2/NDF : 141.4/16

Left Out: -148.105 ± 1.228 χ^2/NDF : 31.6/3

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: -152.416 ± 0.990 χ^2/NDF : 117.8/5

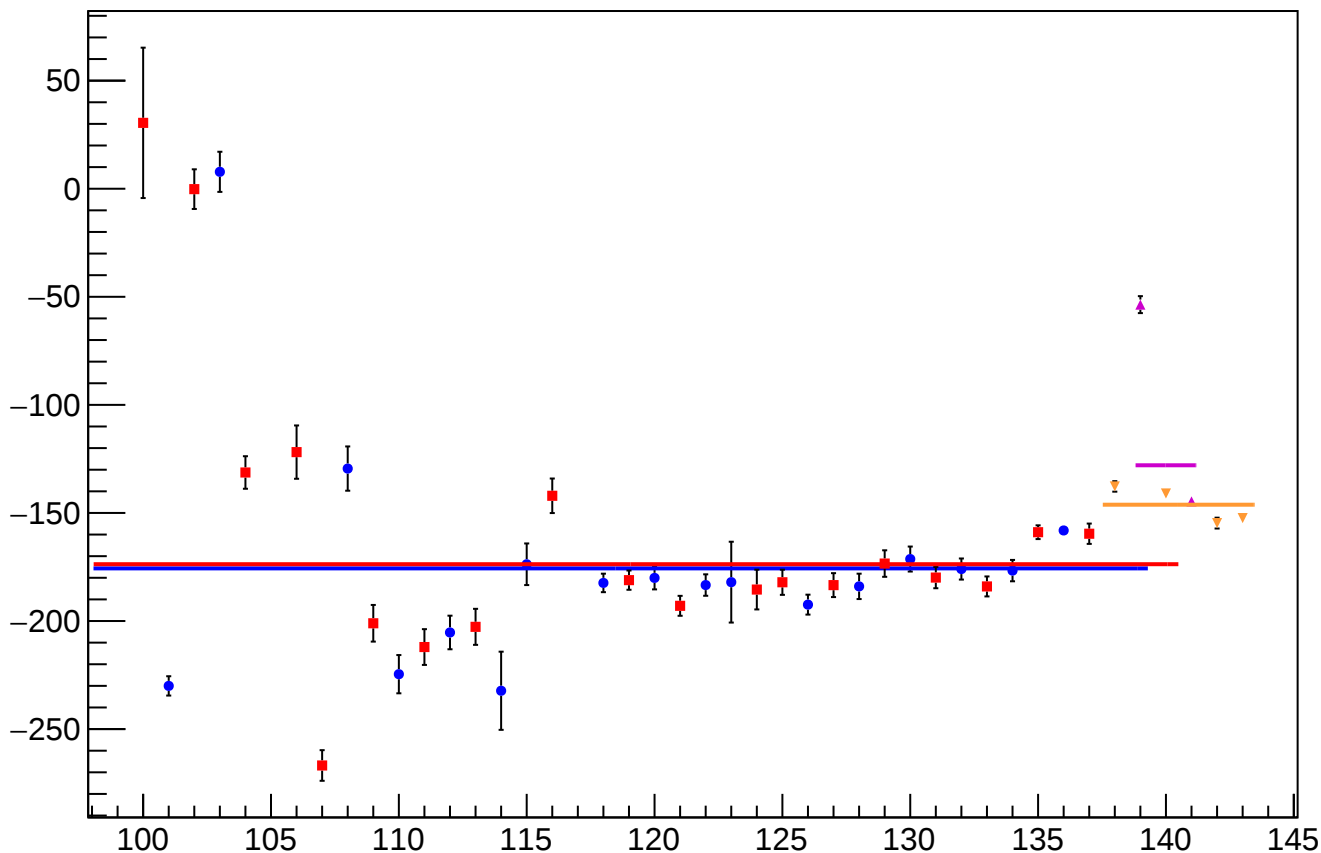
Right: -113.725 ± 1.511 χ^2/NDF : 416.2/35

In: -142.510 ± 1.302 χ^2/NDF : 483.2/18

Out: -139.633 ± 1.073 χ^2/NDF : 506.6/22

All: -140.796 ± 0.828 χ^2/NDF : 992.7/41

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -146.191 ± 1.073 χ^2/NDF : 41.1/3

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: -140.911 ± 0.904 χ^2/NDF : 564.9/5

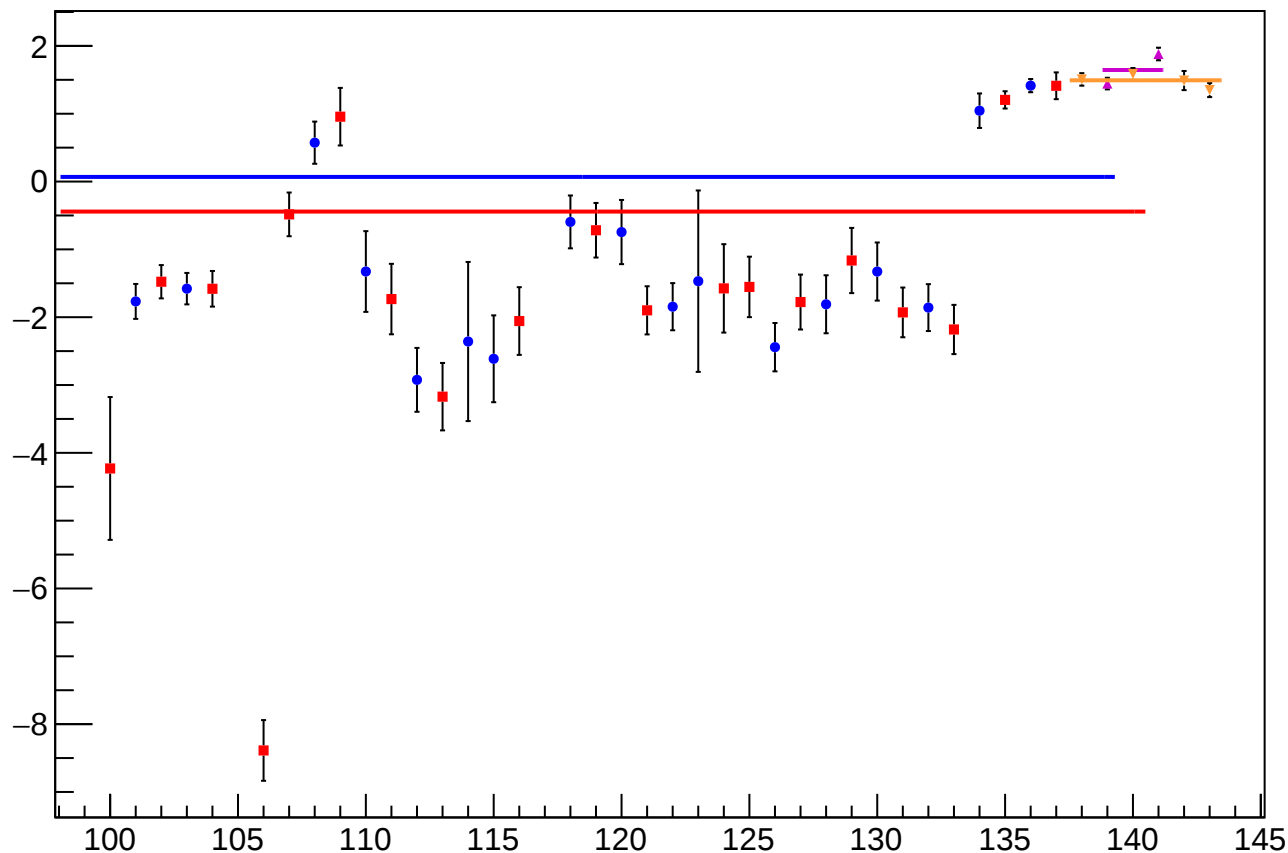
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -158.328 ± 1.013 χ^2/NDF : 1645.2/18

Out: -156.802 ± 0.841 χ^2/NDF : 1033.0/22

All: -157.424 ± 0.647 χ^2/NDF : 2679.5/41

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: 1.493 $\pm$ 0.051 χ^2 /NDF:3.1/3

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: 1.552 $\pm$ 0.039 χ^2 /NDF: 18.4/5

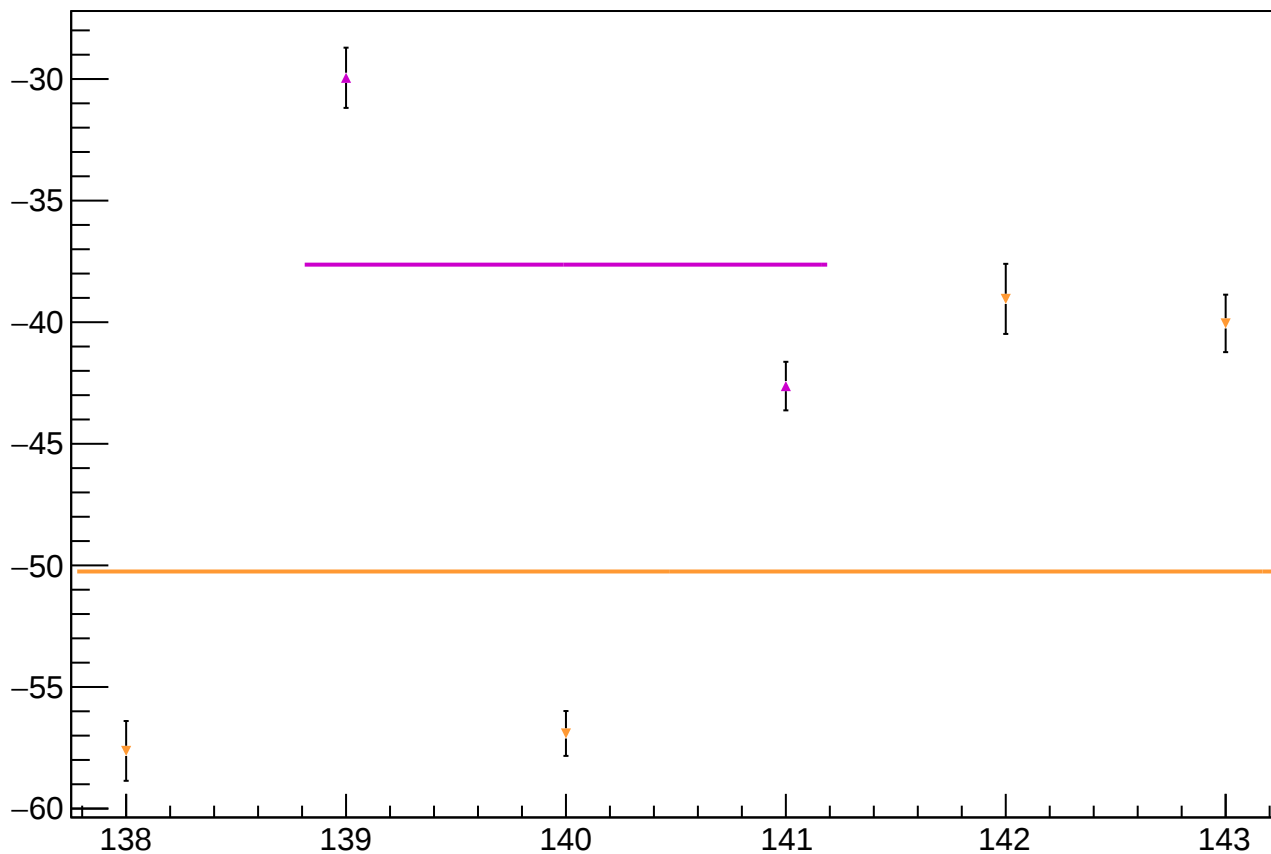
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 0.903 $\pm$ 0.046 χ^2 /NDF:830.6/18

Out: 0.842 $\pm$ 0.041 χ^2 /NDF:1251.0/22

All: 0.869 $\pm$ 0.031 χ^2 /NDF: 2082.6/41

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -50.251+/-0.574 χ^2/NDF :223.2/3

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: -45.796+/-0.462 χ^2/NDF : 457.2/5

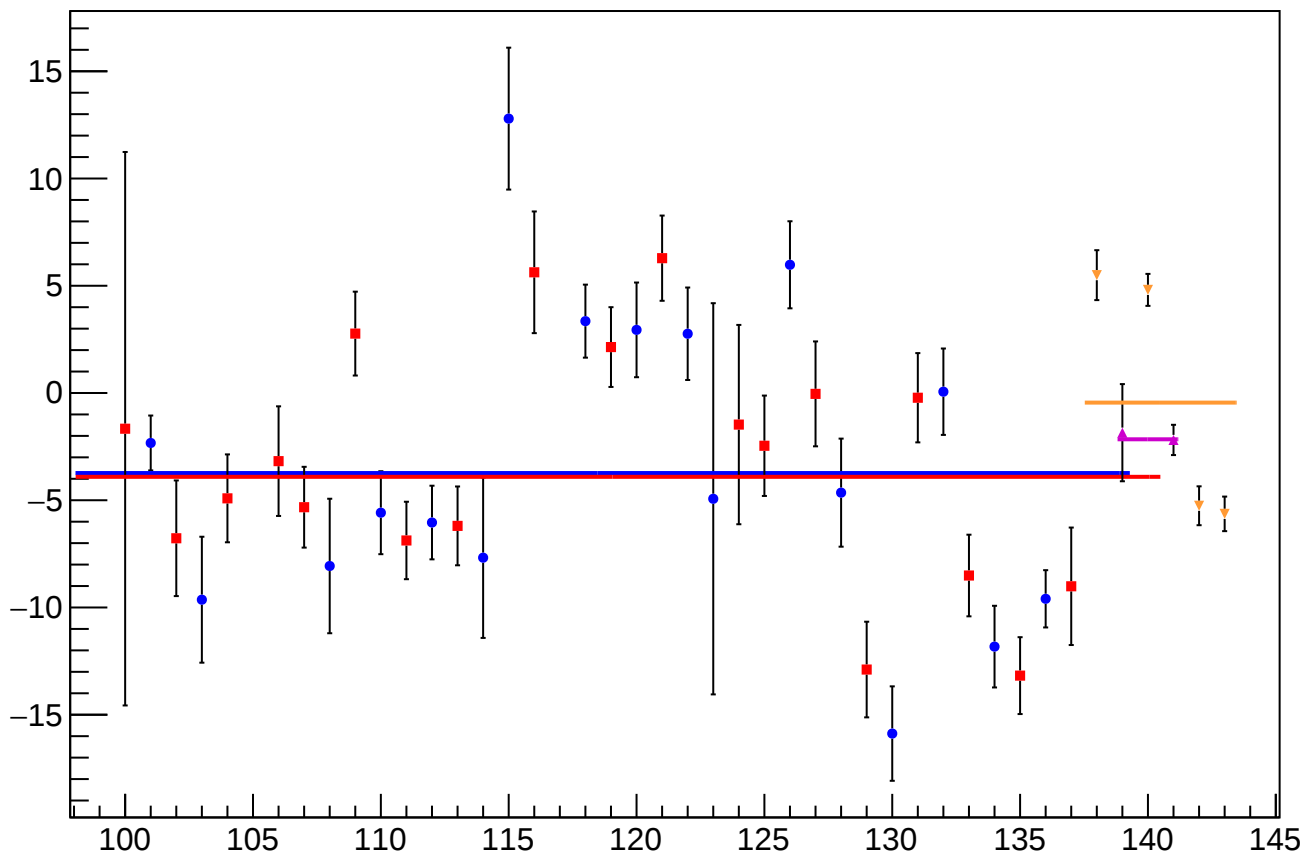
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.633+/-0.777 χ^2/NDF :63.5/1

Out: -50.251+/-0.574 χ^2/NDF :223.2/3

All: -45.796+/-0.462 χ^2/NDF : 457.2/5

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -0.448 ± 0.435 χ^2/NDF : 145.4/3

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -2.159 ± 0.674 χ^2/NDF : 0.0/1

Left: -0.951 ± 0.365 χ^2/NDF : 150.0/5

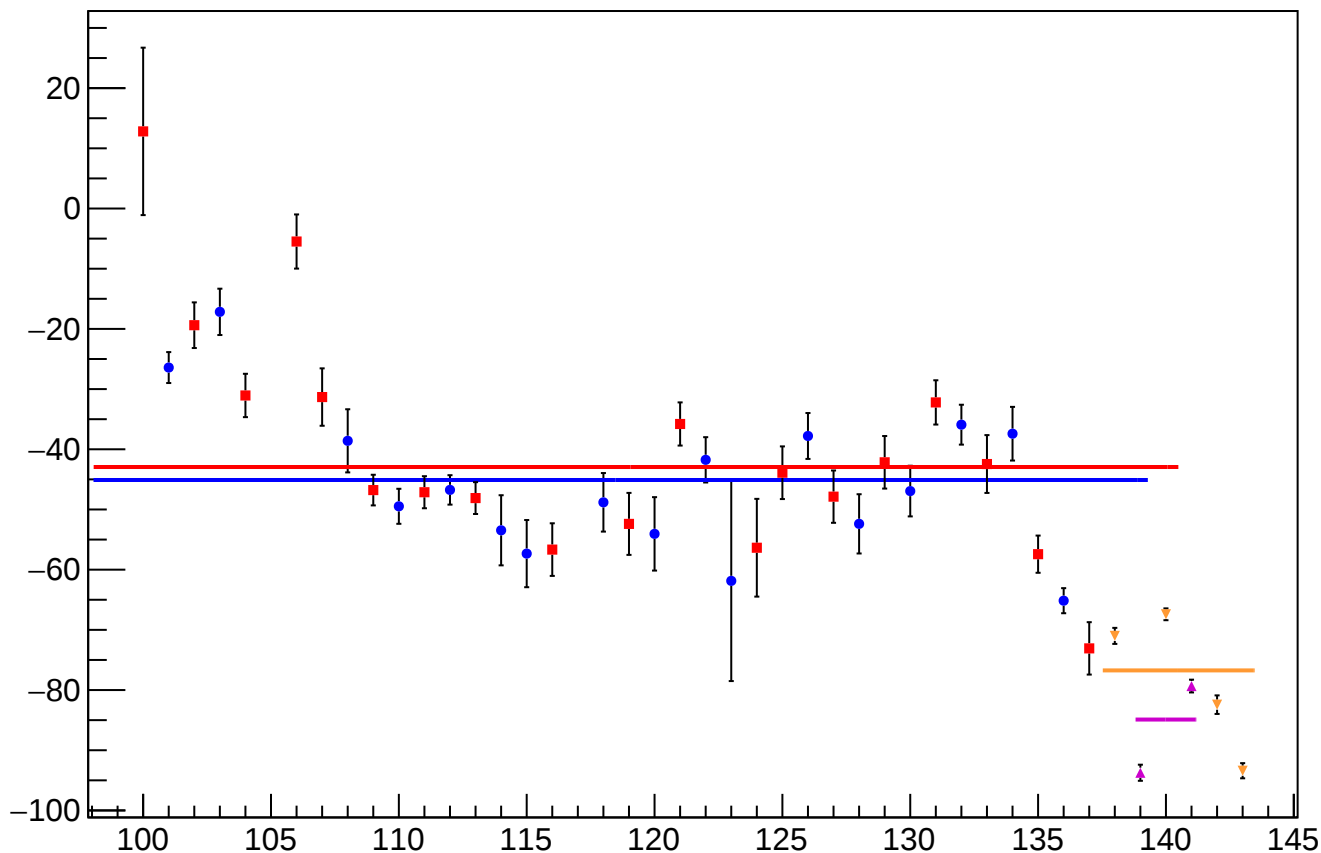
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -3.179 ± 0.399 χ^2/NDF : 169.4/18

Out: -1.915 ± 0.330 χ^2/NDF : 297.1/22

All: -2.427 ± 0.254 χ^2/NDF : 472.4/41

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -76.737 ± 0.614 χ^2/NDF : 297.2/3

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: -79.619 ± 0.494 χ^2/NDF : 430.7/5

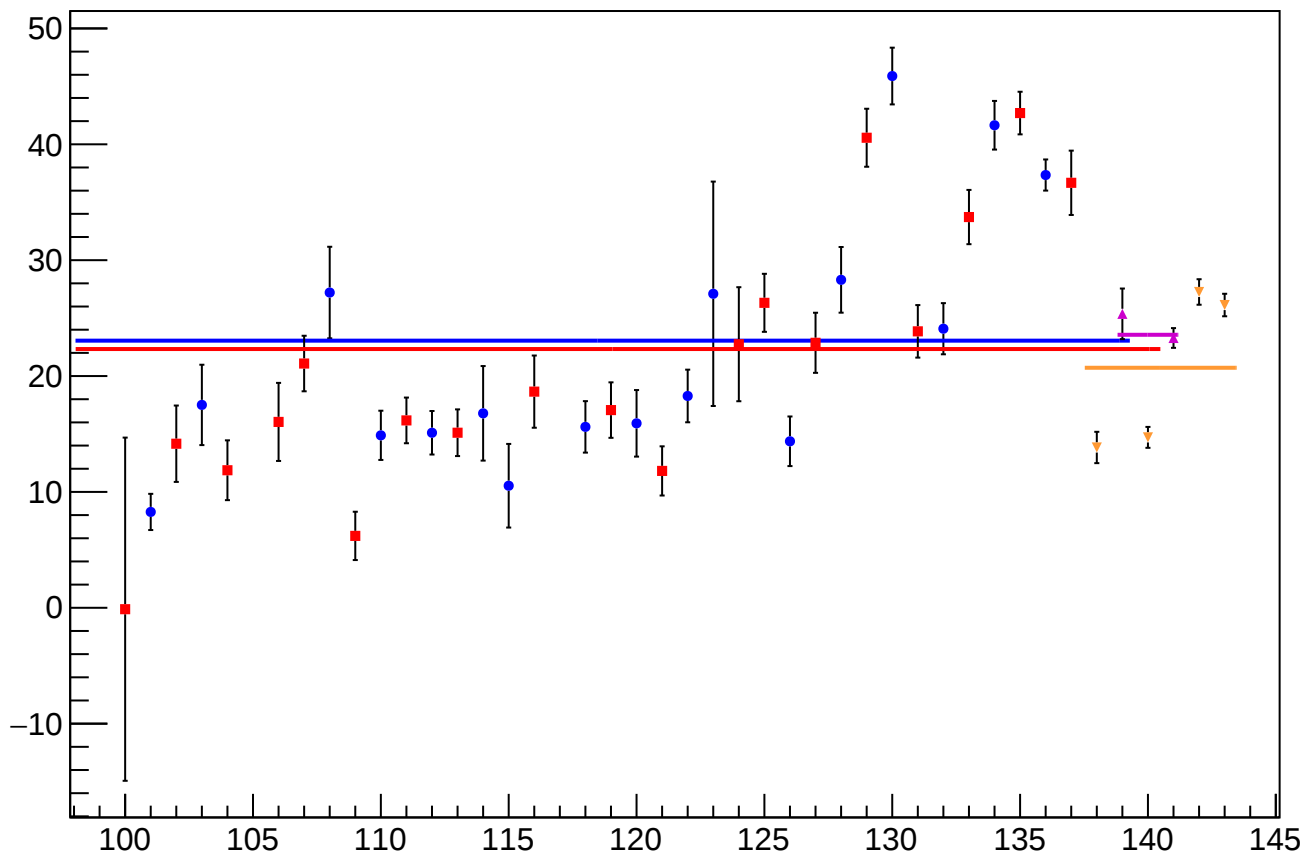
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -66.184 ± 0.605 χ^2/NDF : 1378.9/18

Out: -65.623 ± 0.503 χ^2/NDF : 1541.7/22

All: -65.852 ± 0.387 χ^2/NDF : 2921.1/41

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: 20.715 $\pm$ 0.523 χ^2 /NDF:136.5/3

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: 21.576 $\pm$ 0.437 χ^2 /NDF: 146.3/5

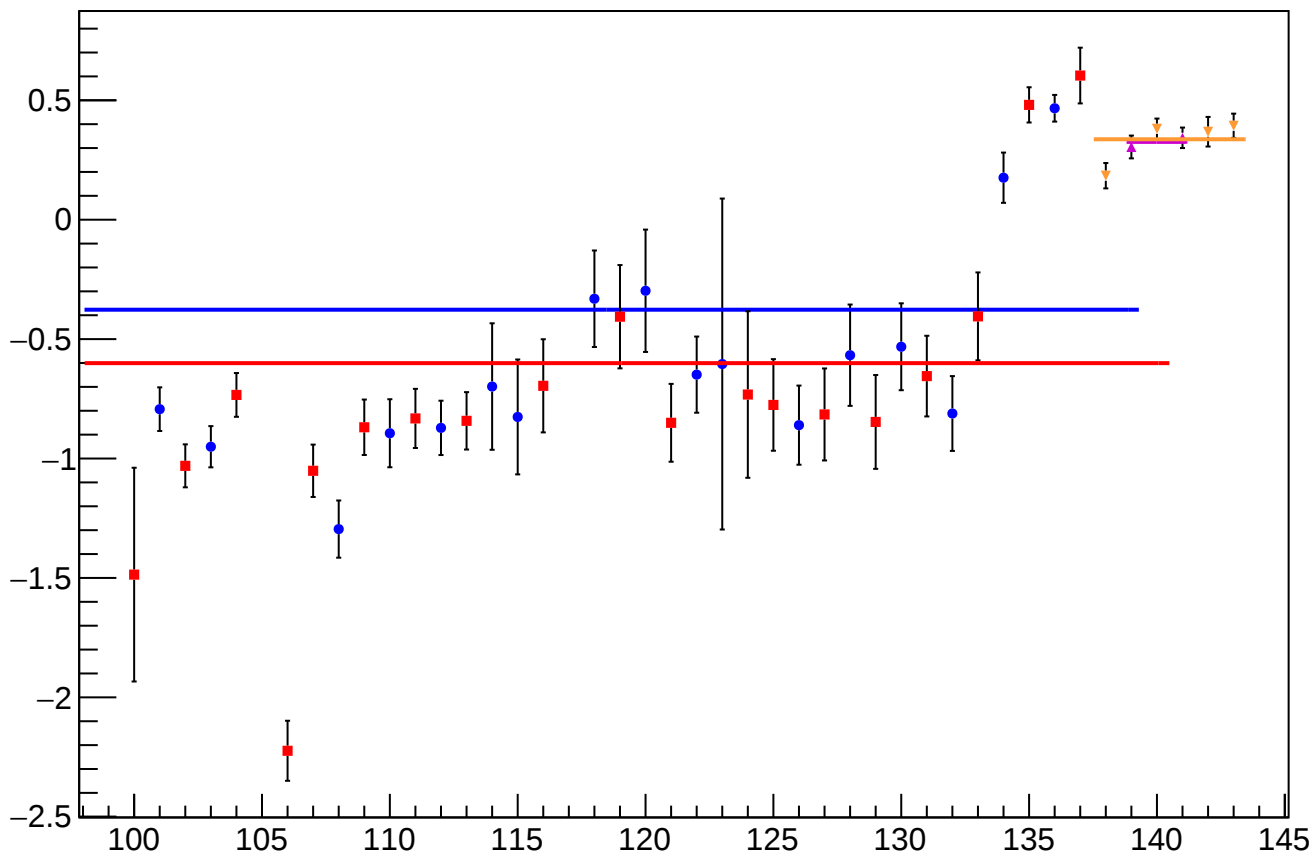
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 23.222 $\pm$ 0.456 χ^2 /NDF:462.2/18

Out: 21.450 $\pm$ 0.386 χ^2 /NDF:512.0/22

All: 22.190 $\pm$ 0.295 χ^2 /NDF: 982.9/41

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.337 ± 0.025 $\chi^2/\text{NDF}: 10.8/3$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.326 ± 0.032 $\chi^2/\text{NDF}: 0.4/1$

Left: 0.333 ± 0.020 $\chi^2/\text{NDF}: 11.2/5$

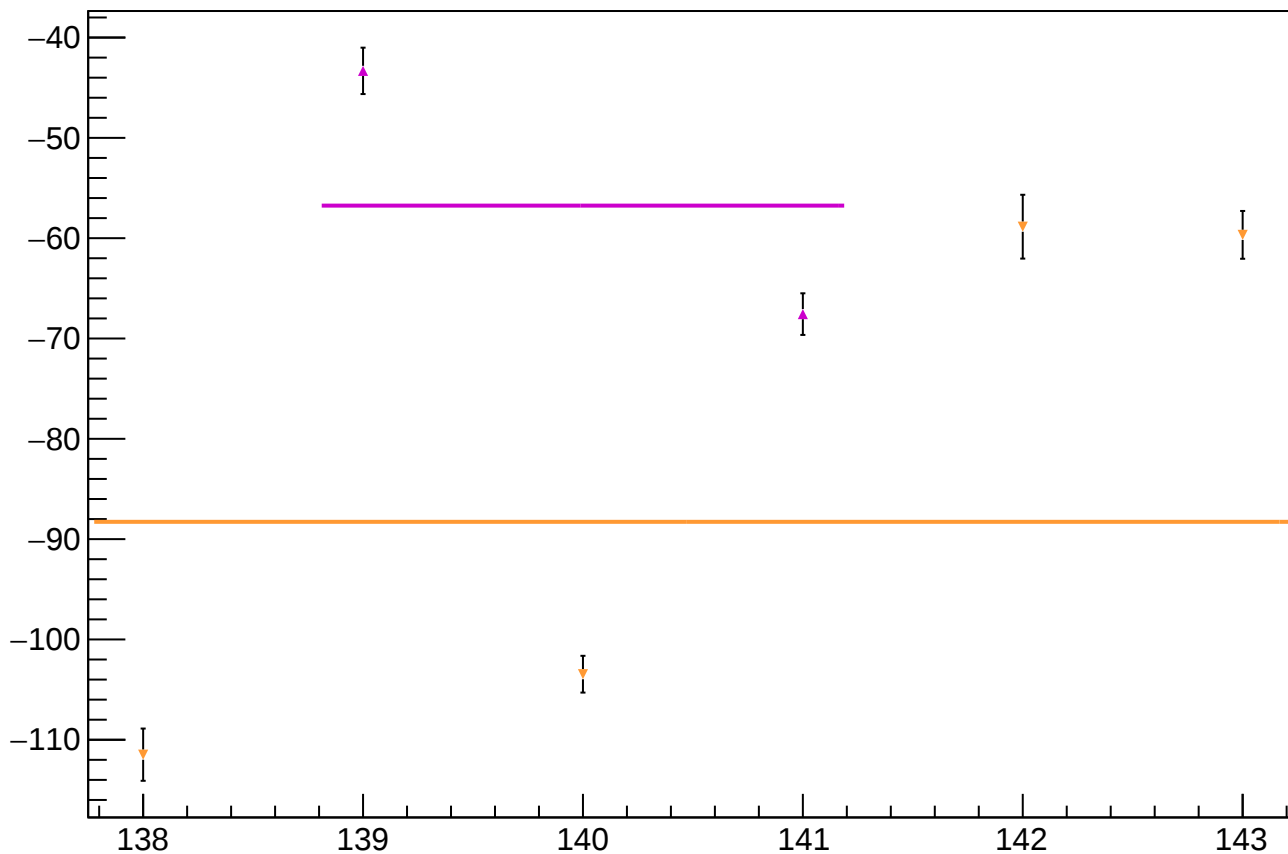
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: -0.046 ± 0.022 $\chi^2/\text{NDF}: 694.3/18$

Out: -0.052 ± 0.019 $\chi^2/\text{NDF}: 1130.5/22$

All: -0.050 ± 0.015 $\chi^2/\text{NDF}: 1824.8/41$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -88.274+/-1.178 χ^2/NDF :377.8/3

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: -76.672+/-0.937 χ^2/NDF : 702.1/5

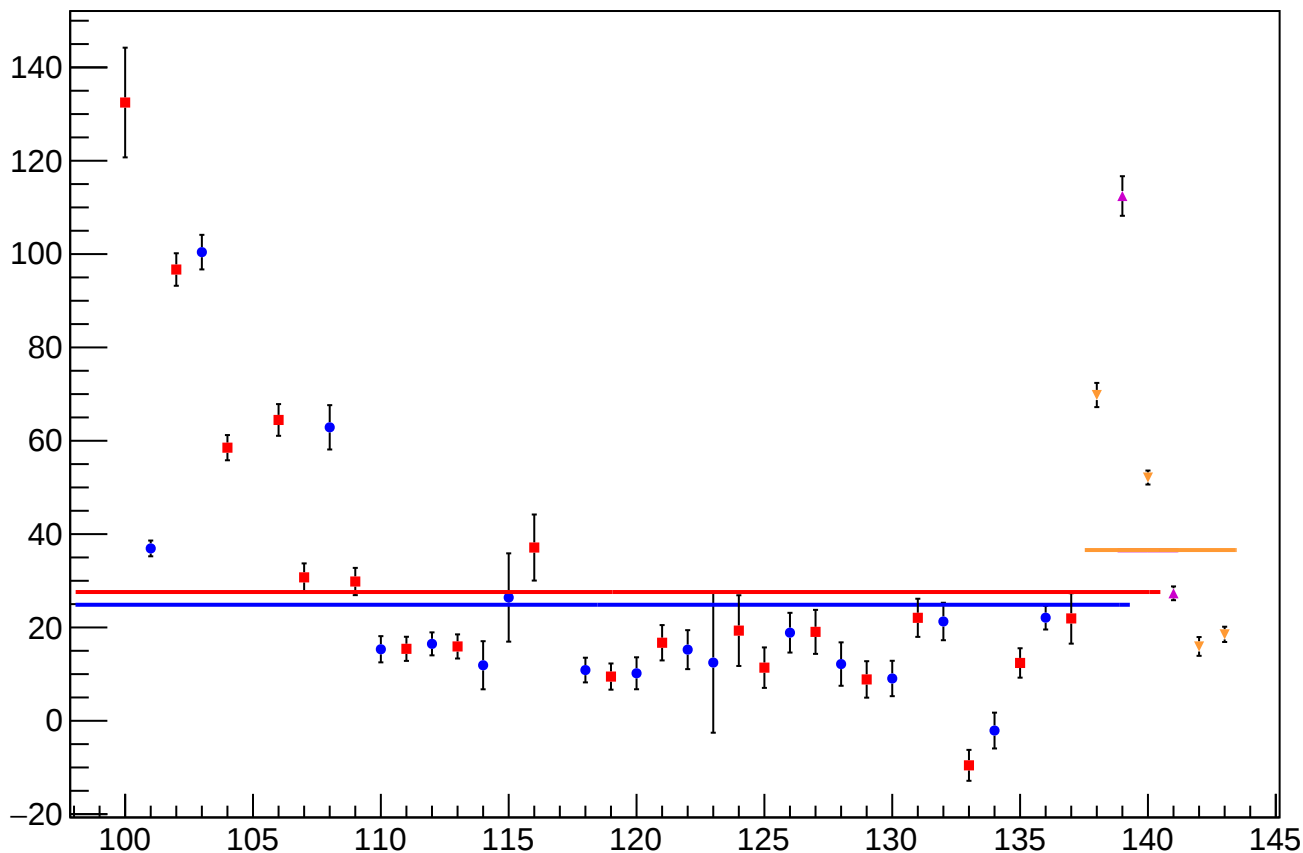
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.753+/-1.544 χ^2/NDF :60.9/1

Out: -88.274+/-1.178 χ^2/NDF :377.8/3

All: -76.672+/-0.937 χ^2/NDF : 702.1/5

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: 36.588 $\pm$ 0.907 χ^2 /NDF:498.8/3

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: 36.569 $\pm$ 0.761 χ^2 /NDF: 857.9/5

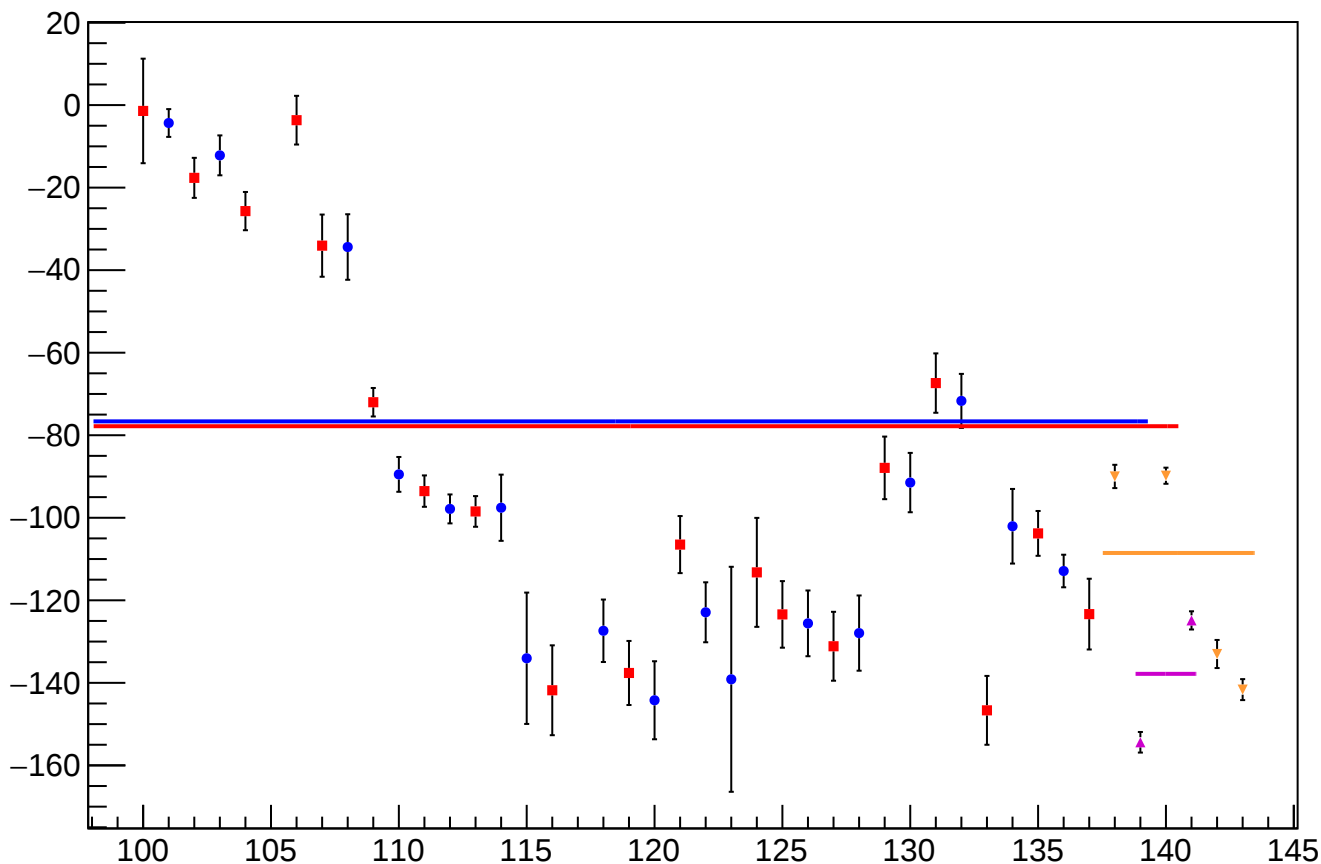
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 27.759 $\pm$ 0.695 χ^2 /NDF:1102.6/18

Out: 31.580 $\pm$ 0.604 χ^2 /NDF:1564.5/22

All: 29.936 $\pm$ 0.456 χ^2 /NDF: 2684.3/41

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641+/-1.415 χ^2/NDF : 1040.7/16

Left Out: -108.529+/-1.261 χ^2/NDF : 356.5/3

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: -119.302+/-1.003 χ^2/NDF : 633.6/5

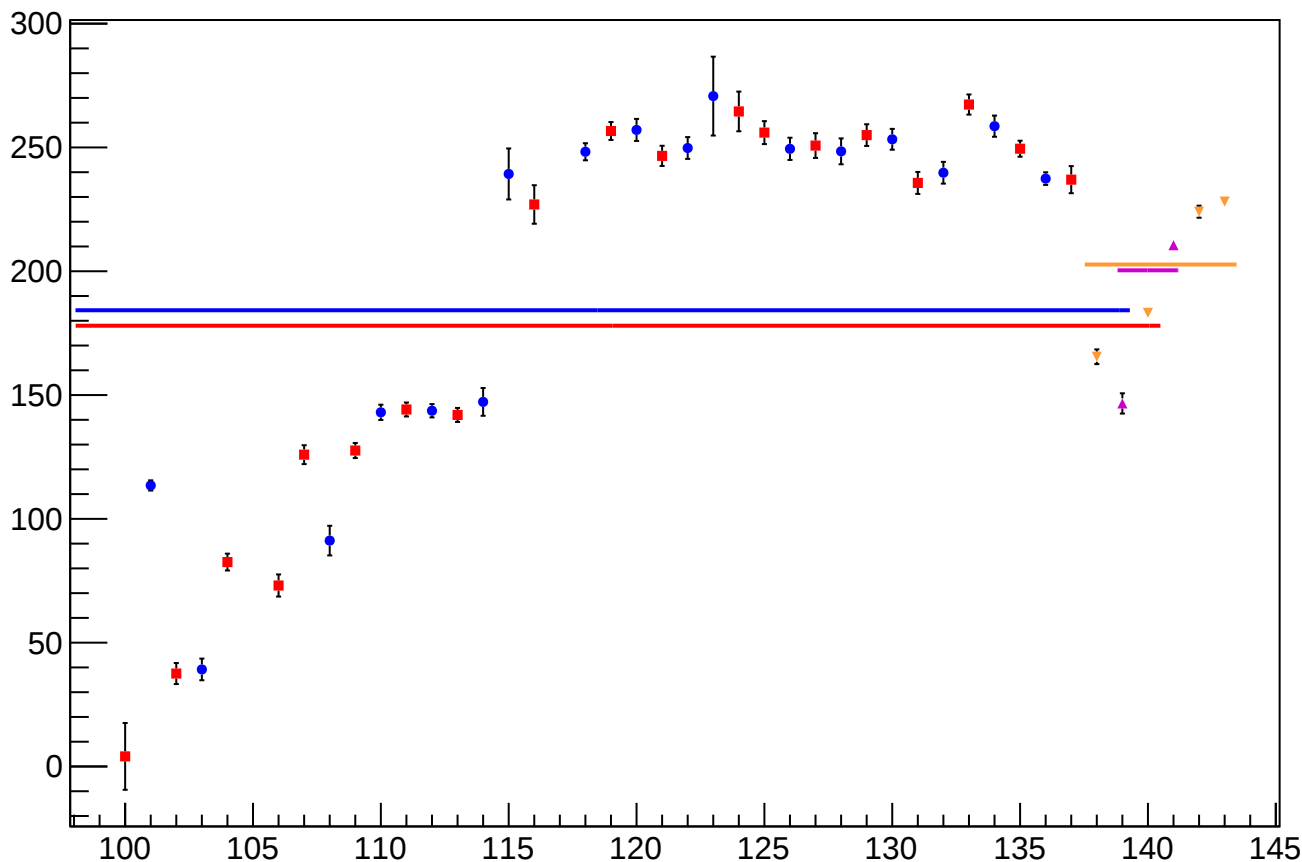
Right: -77.254+/-0.978 χ^2/NDF : 1914.4/35

In: -102.506+/-1.075 χ^2/NDF : 1909.9/18

Out: -94.243+/-0.922 χ^2/NDF : 1505.8/22

All: -97.746+/-0.700 χ^2/NDF : 3449.7/41

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: 202.722 $\pm$ 1.087 χ^2 /NDF:517.3/3

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: 201.999 $\pm$ 0.905 χ^2 /NDF: 724.0/5

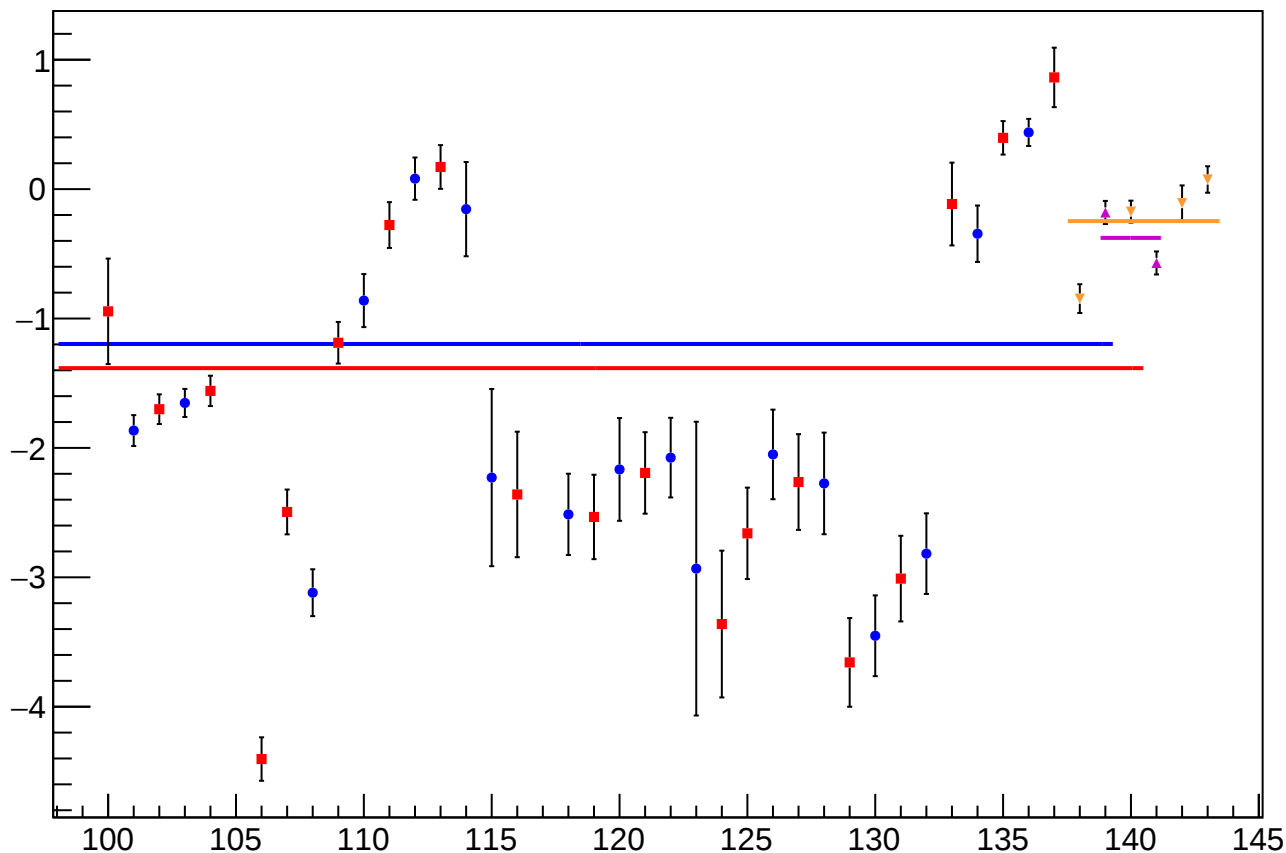
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 188.111 $\pm$ 0.798 χ^2 /NDF:5668.3/18

Out: 188.364 $\pm$ 0.704 χ^2 /NDF:7155.5/22

All: 188.253 $\pm$ 0.528 χ^2 /NDF: 12823.9/41

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.247 ± 0.052 χ^2/NDF : 40.7/3

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: -0.300 ± 0.040 χ^2/NDF : 52.7/5

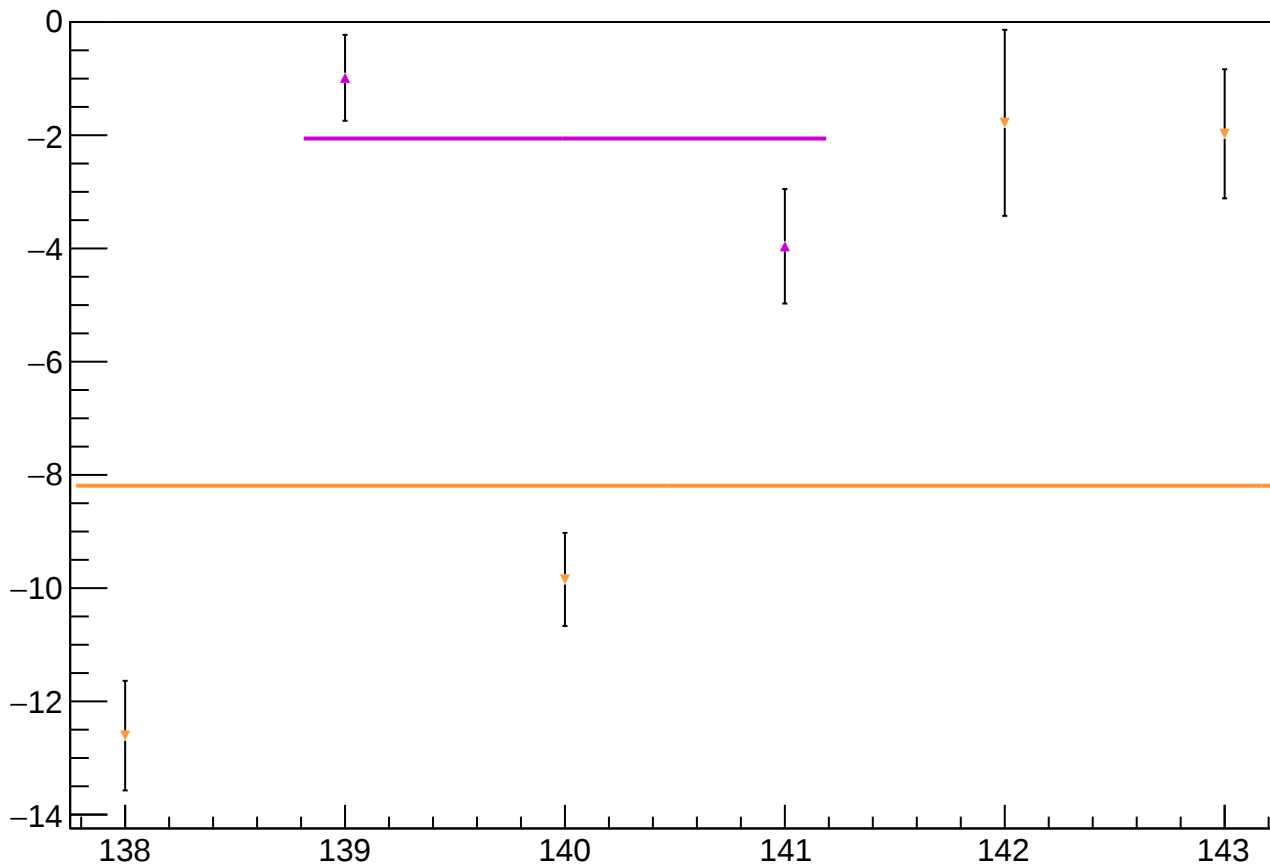
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.895 ± 0.038 χ^2/NDF : 737.9/18

Out: -0.888 ± 0.034 χ^2/NDF : 1233.0/22

All: -0.891 ± 0.026 χ^2/NDF : 1970.9/41

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -8.191+/-0.521 χ^2/NDF : 69.8/3

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: -5.589+/-0.395 χ^2/NDF : 134.2/5

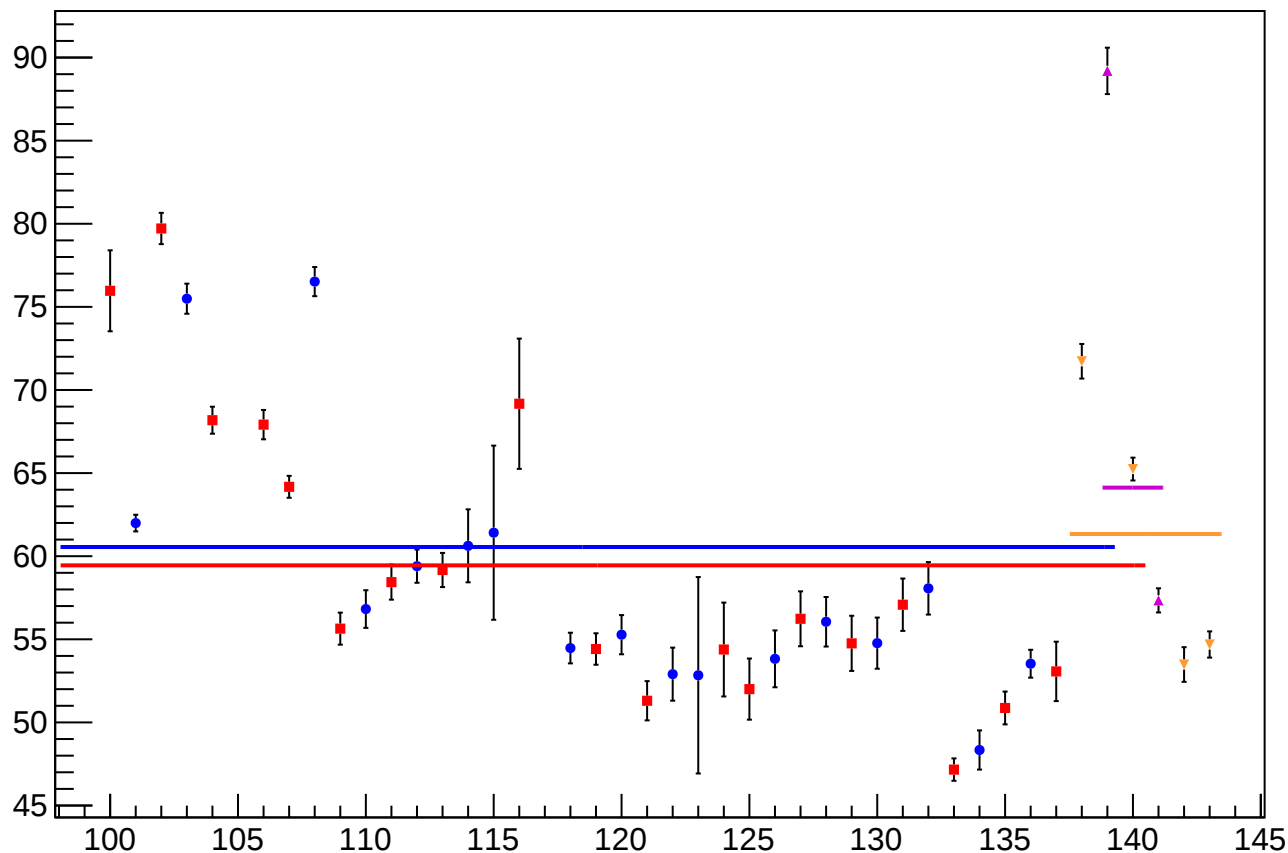
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.058+/-0.607 χ^2/NDF : 5.5/1

Out: -8.191+/-0.521 χ^2/NDF : 69.8/3

All: -5.589+/-0.395 χ^2/NDF : 134.2/5

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 61.336 $\pm$ 0.424 χ^2 /NDF:259.5/3

Right Out: 59.449 $\pm$ 0.248 χ^2 /NDF: 1321.3/18

Left In: 64.125 $\pm$ 0.644 χ^2 /NDF:409.8/1

Left: 62.179 $\pm$ 0.354 χ^2 /NDF: 682.4/5

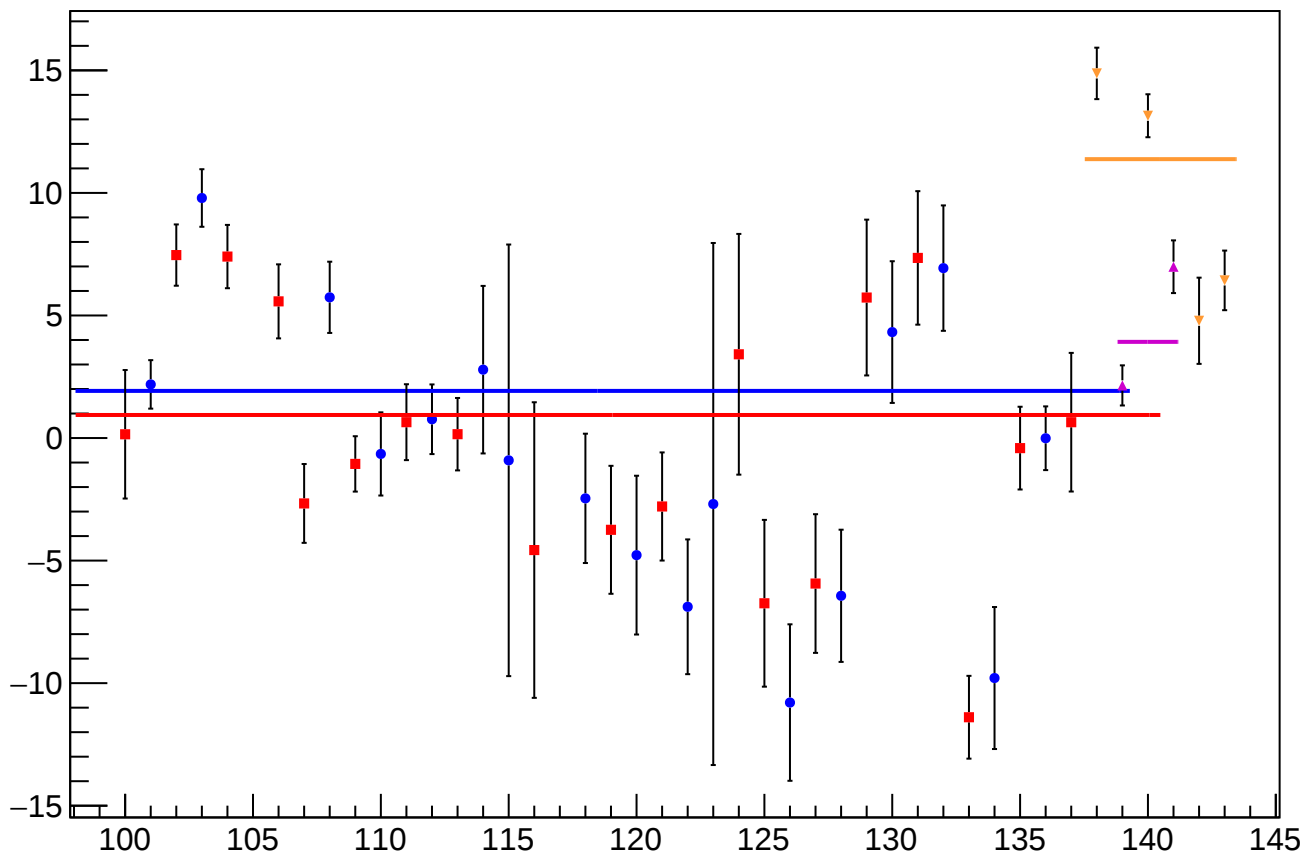
Right: 59.970 $\pm$ 0.180 χ^2 /NDF: 2261.6/35

In: 61.059 $\pm$ 0.243 χ^2 /NDF:1367.2/18

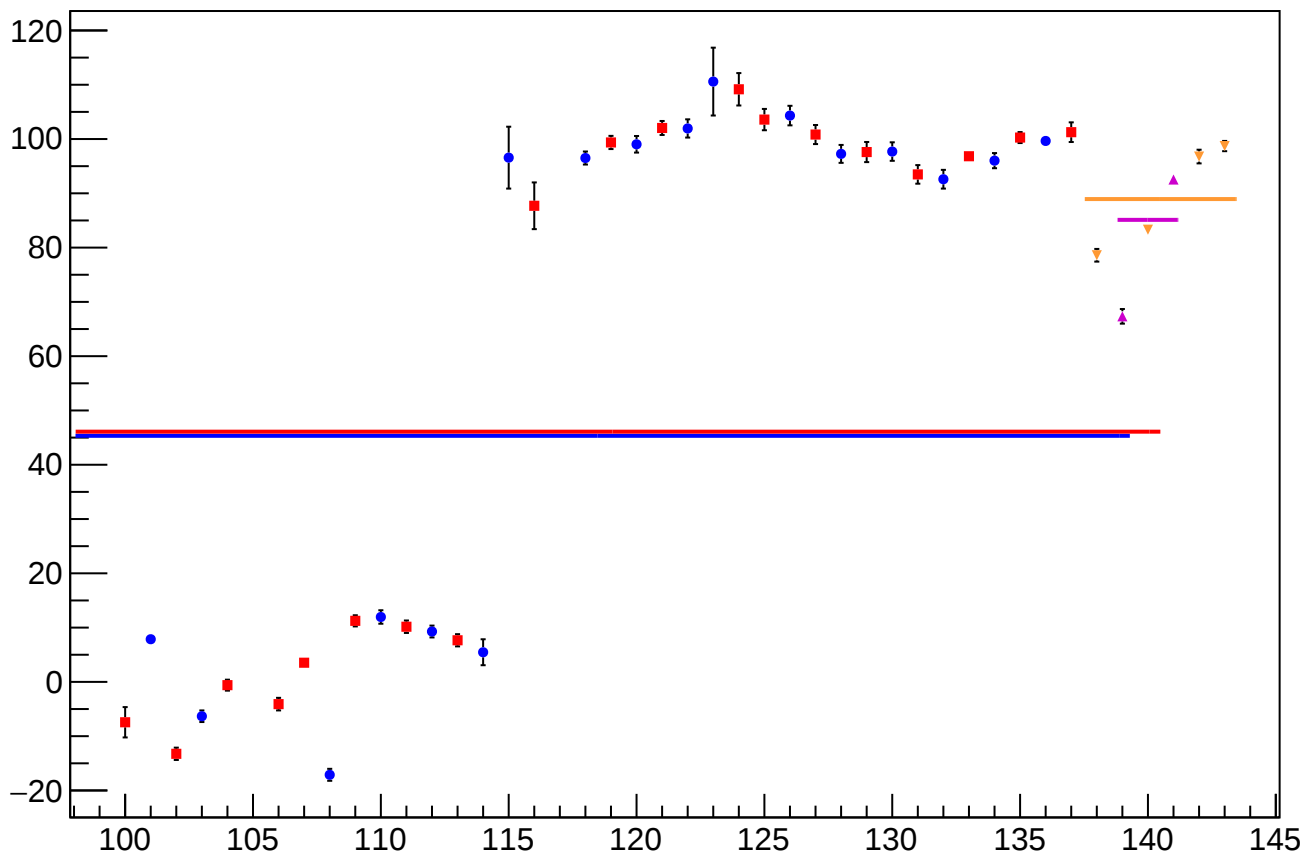
Out: 59.929 $\pm$ 0.214 χ^2 /NDF:1595.6/22

All: 60.423 $\pm$ 0.160 χ^2 /NDF: 2975.0/41

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 88.942+/-0.503 χ^2/NDF : 270.7/3

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: 87.711+/-0.414 χ^2/NDF : 536.3/5

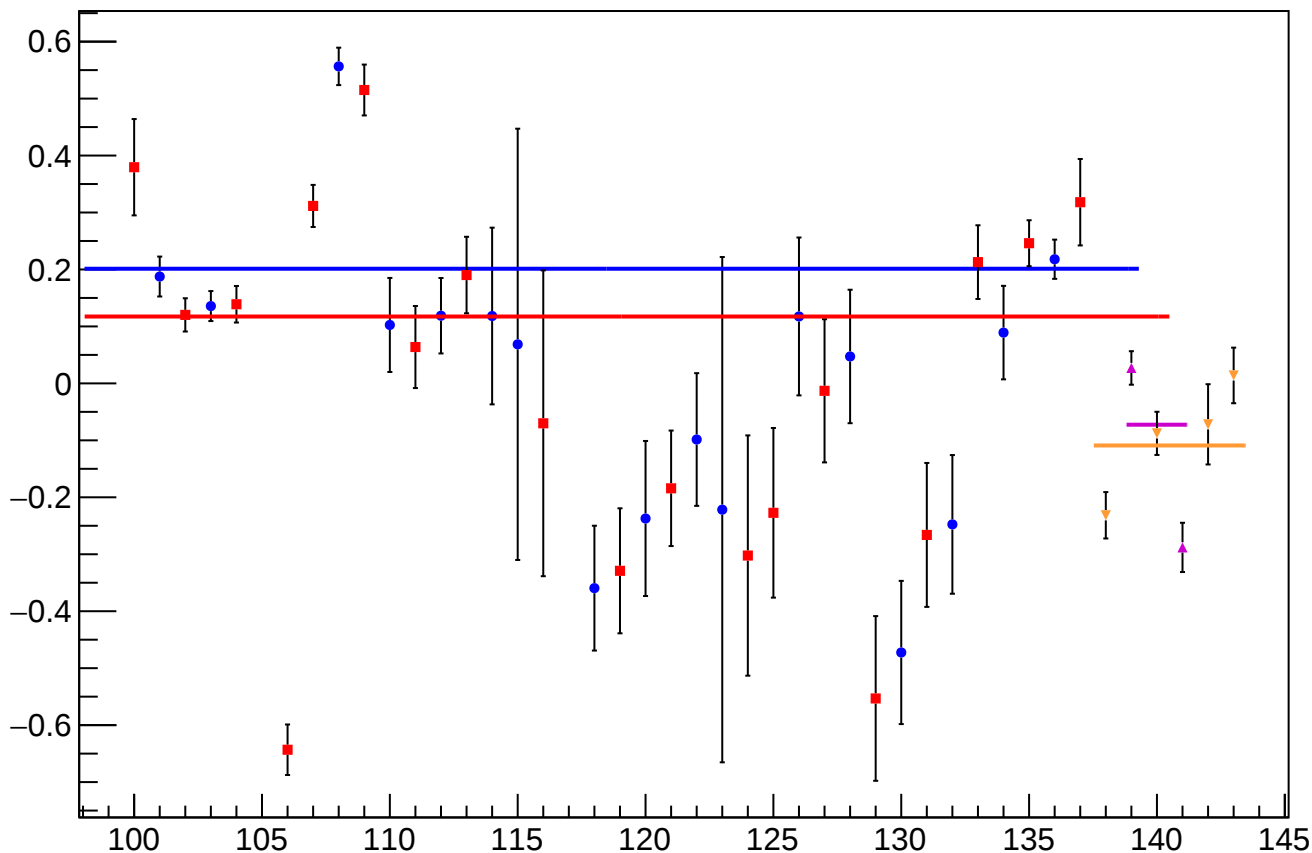
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 51.182+/-0.280 χ^2/NDF : 27778.9/18

Out: 56.736+/-0.251 χ^2/NDF : 33990.5/22

All: 54.268+/-0.187 χ^2/NDF : 61987.5/41

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.109 ± 0.023 χ^2/NDF : 16.0/3

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: -0.092 ± 0.017 χ^2/NDF : 53.5/5

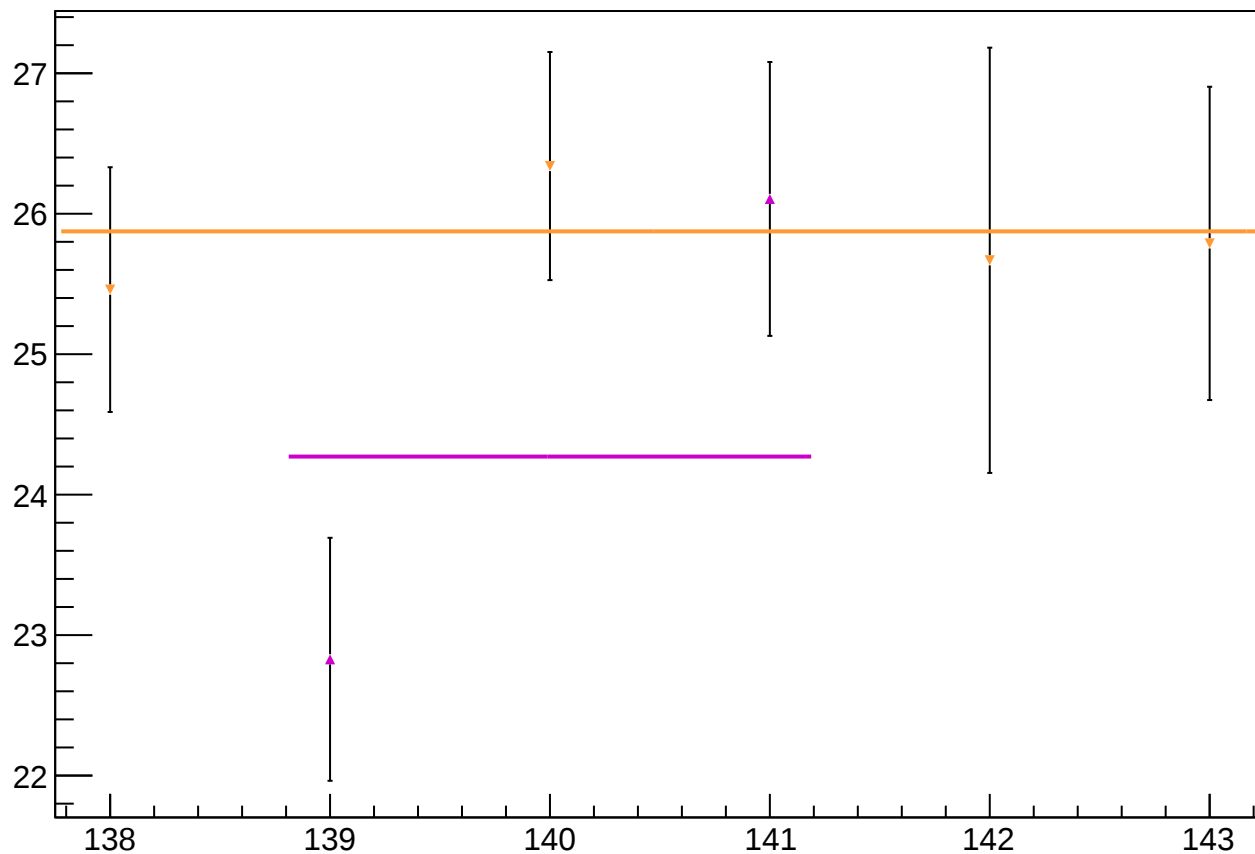
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.133 ± 0.012 χ^2/NDF : 348.6/18

Out: 0.062 ± 0.011 χ^2/NDF : 589.7/22

All: 0.095 ± 0.008 χ^2/NDF : 956.6/41

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: 25.874 $\pm$ 0.495 χ^2 /NDF:0.6/3

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: 25.282 $\pm$ 0.393 χ^2 /NDF: 10.8/5

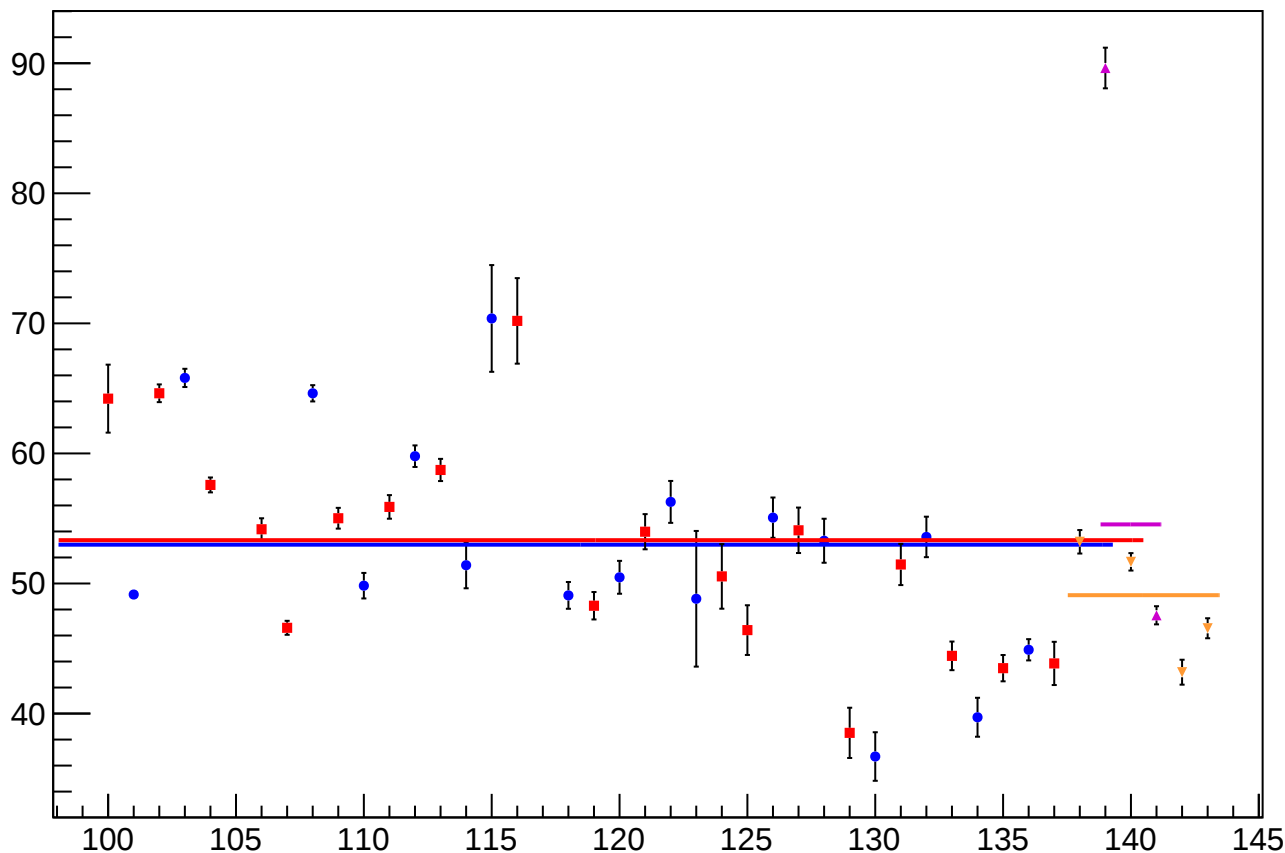
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 24.271 $\pm$ 0.647 χ^2 /NDF:6.3/1

Out: 25.874 $\pm$ 0.495 χ^2 /NDF:0.6/3

All: 25.282 $\pm$ 0.393 χ^2 /NDF: 10.8/5

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: 49.101 $\pm$ 0.401 χ^2 /NDF:84.4/3

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: 50.643 $\pm$ 0.339 χ^2 /NDF: 741.0/5

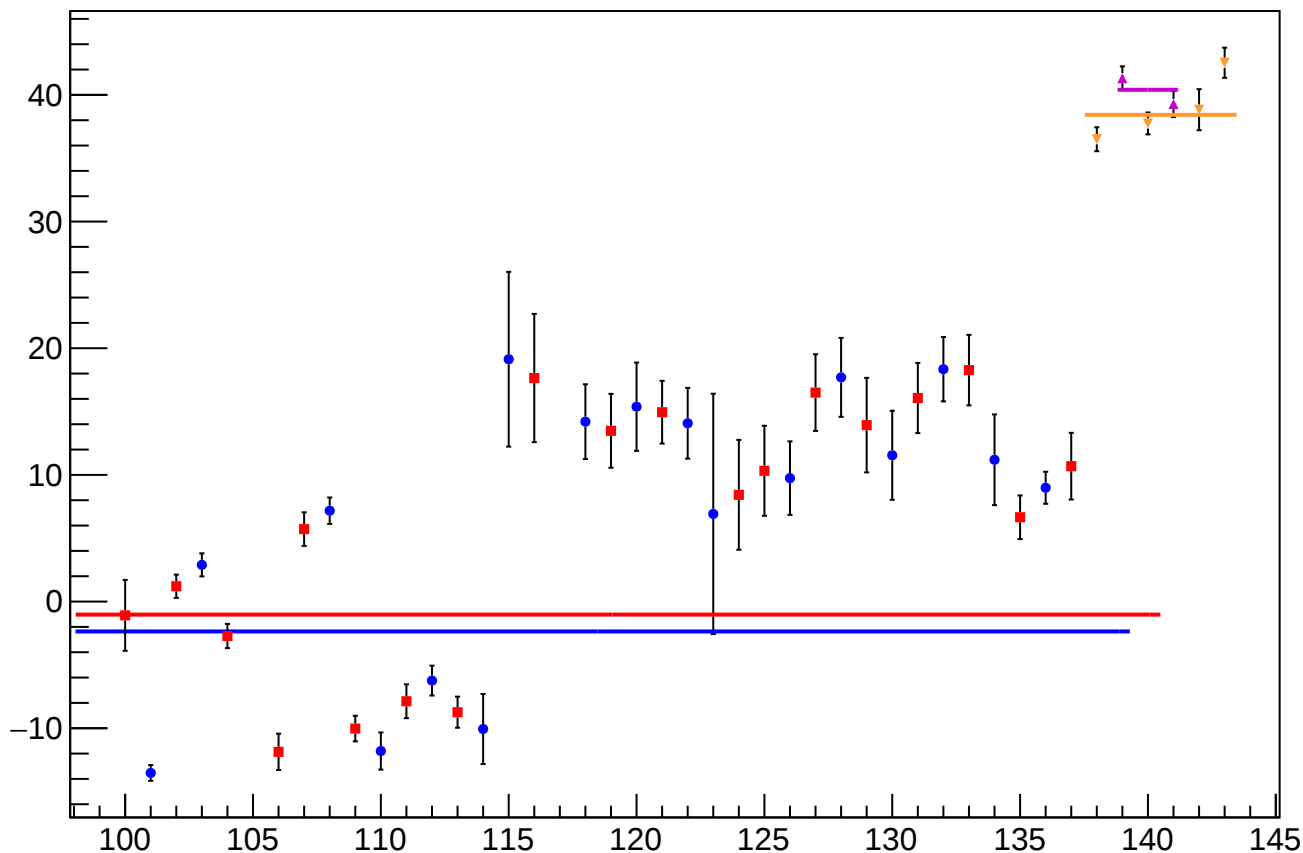
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 53.138 $\pm$ 0.200 χ^2 /NDF:1807.6/18

Out: 52.305 $\pm$ 0.197 χ^2 /NDF:1042.7/22

All: 52.716 $\pm$ 0.140 χ^2 /NDF: 2859.1/41

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 38.424 ± 0.531 χ^2/NDF : 16.8/3

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: 39.154 ± 0.422 χ^2/NDF : 24.0/5

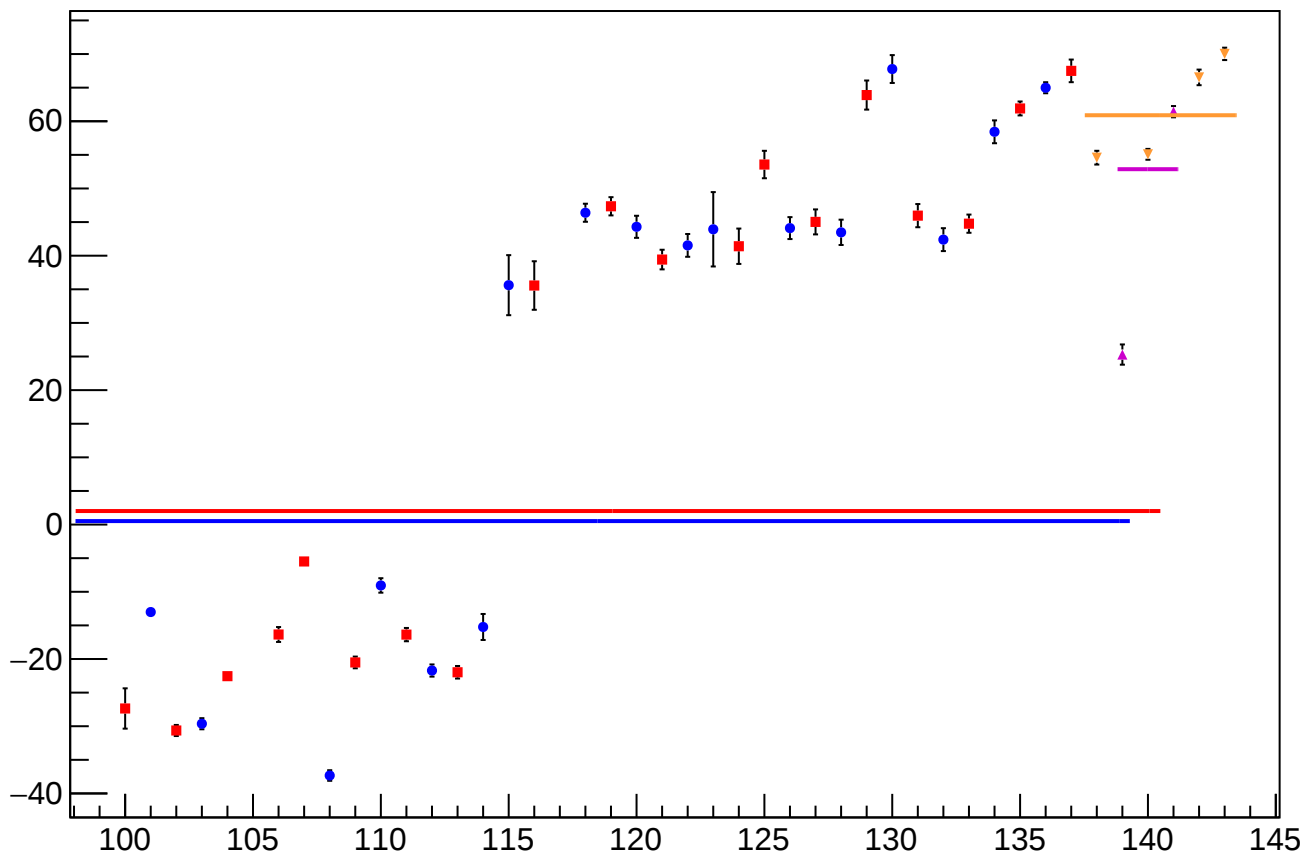
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 6.854 ± 0.323 χ^2/NDF : 3811.3/18

Out: 12.177 ± 0.307 χ^2/NDF : 4194.6/22

All: 9.644 ± 0.222 χ^2/NDF : 8148.8/41

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 60.895 $\pm$ 0.476 χ^2 /NDF:211.4/3

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 52.869 $\pm$ 0.732 χ^2 /NDF:439.8/1

Left: 58.508 $\pm$ 0.399 χ^2 /NDF: 735.5/5

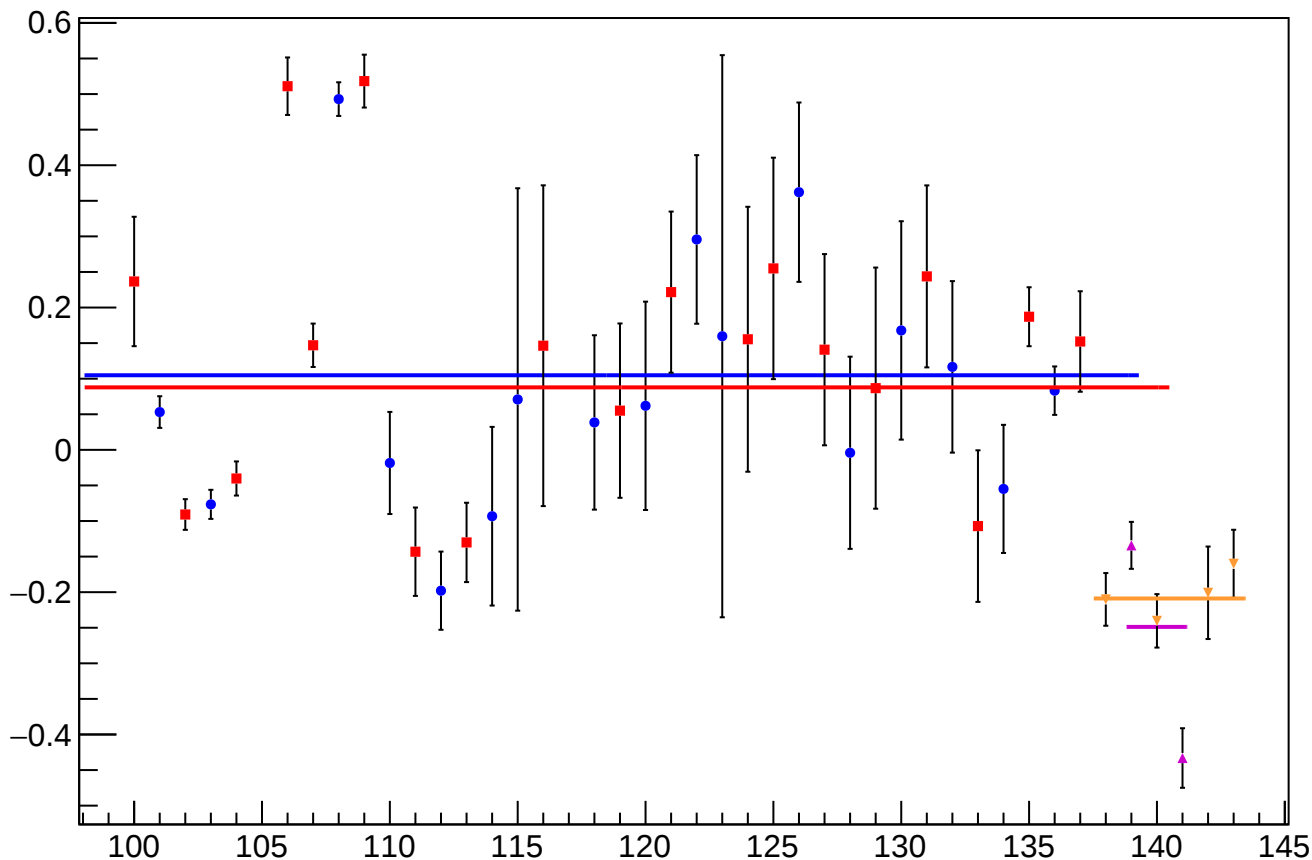
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 5.861 $\pm$ 0.234 χ^2 /NDF:23413.0/18

Out: 16.032 $\pm$ 0.232 χ^2 /NDF:27321.0/22

All: 10.979 $\pm$ 0.165 χ^2 /NDF: 51684.8/41

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.209 ± 0.022 χ^2/NDF : 1.8/3

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.249 ± 0.026 χ^2/NDF : 31.4/1

Left: -0.225 ± 0.017 χ^2/NDF : 34.6/5

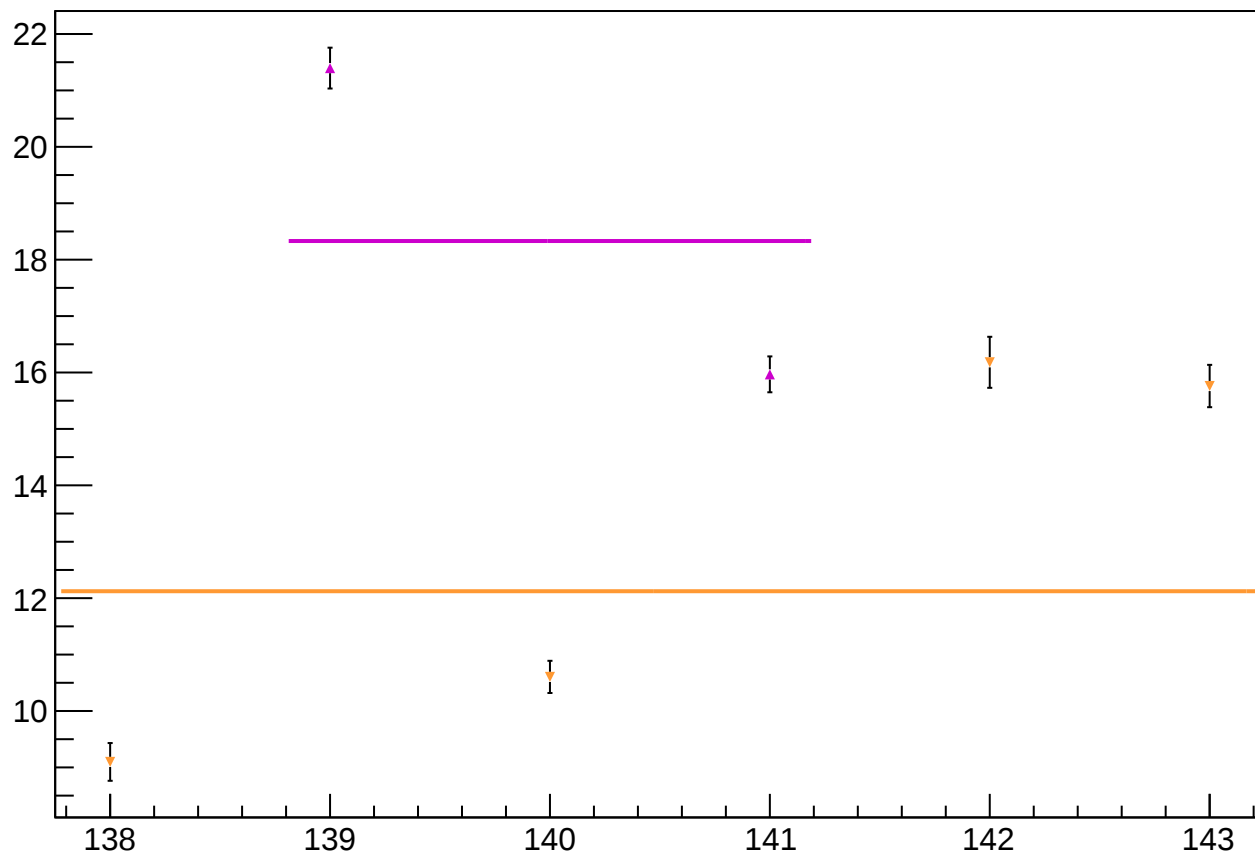
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: 0.051 ± 0.010 χ^2/NDF : 589.9/18

Out: 0.027 ± 0.010 χ^2/NDF : 540.9/22

All: 0.039 ± 0.007 χ^2/NDF : 1133.4/41

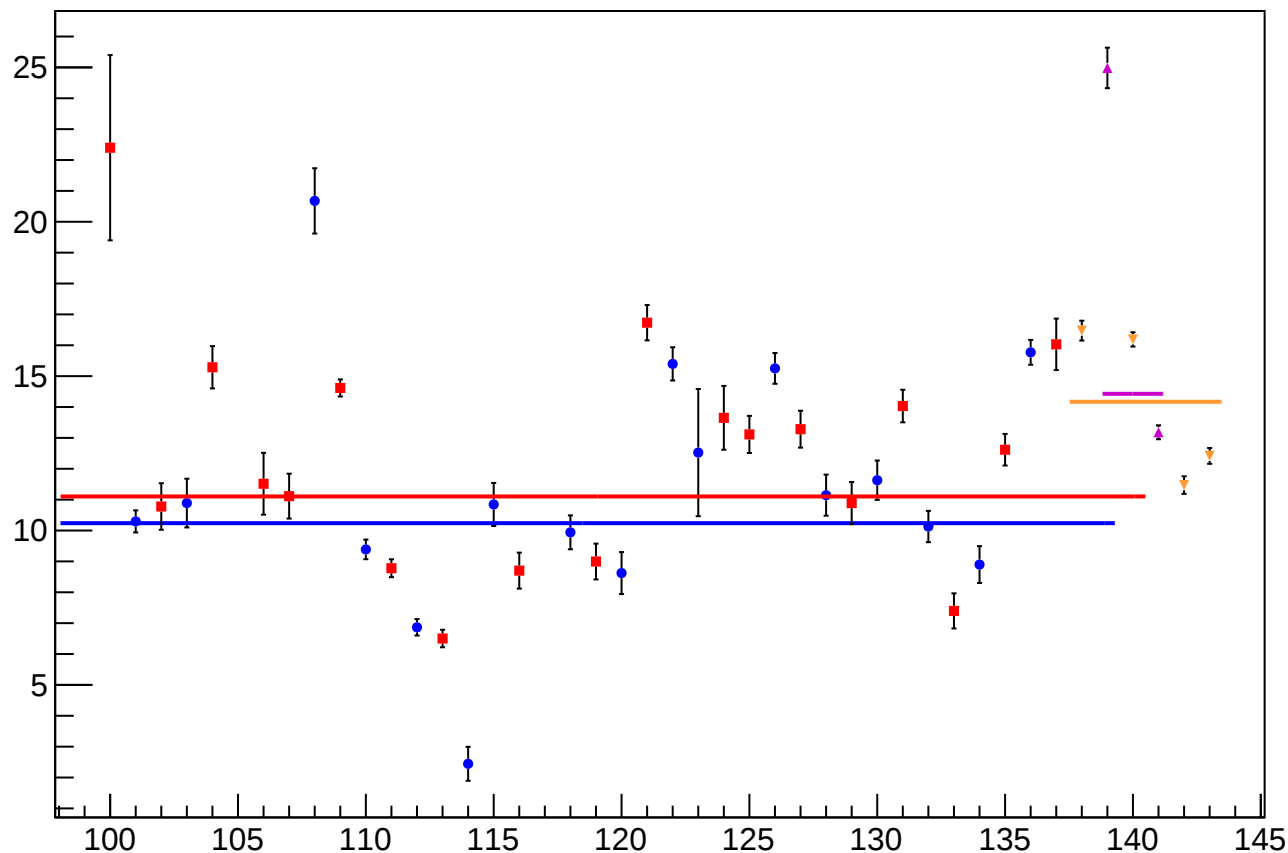
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 12.123+/-0.174 χ^2/NDF :284.5/3
 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: 14.267+/-0.140 χ^2/NDF : 853.5/5
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.331+/-0.239 χ^2/NDF :126.9/1
 Out: 12.123+/-0.174 χ^2/NDF :284.5/3
 All: 14.267+/-0.140 χ^2/NDF : 853.5/5

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 14.171 ± 0.134 χ^2/NDF : 263.9/3

Right Out: 11.104 ± 0.116 χ^2/NDF : 815.2/18

Left In: 14.428 ± 0.213 χ^2/NDF : 289.5/1

Left: 14.243 ± 0.113 χ^2/NDF : 554.5/5

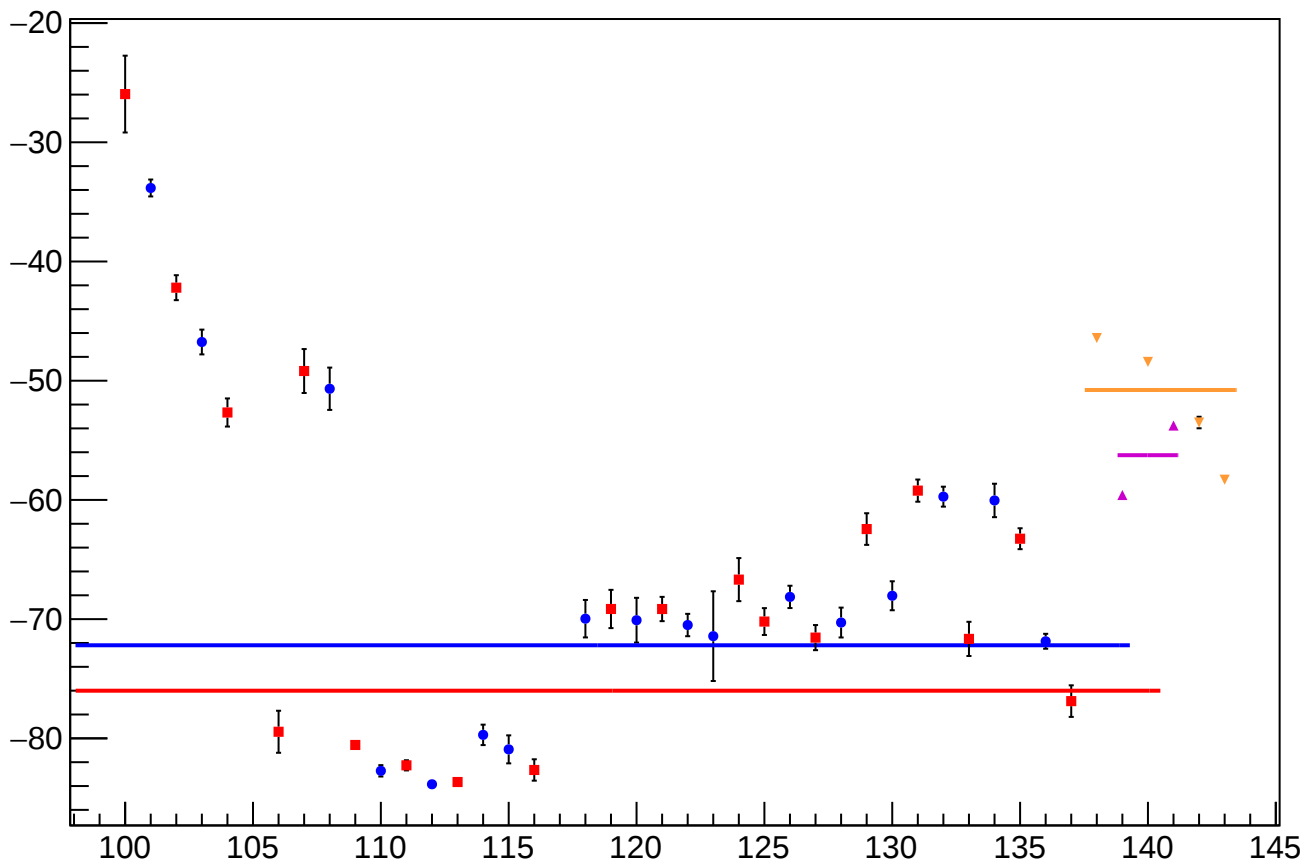
Right: 10.681 ± 0.083 χ^2/NDF : 1709.6/35

In: 11.236 ± 0.104 χ^2/NDF : 1451.4/18

Out: 12.424 ± 0.088 χ^2/NDF : 1378.3/22

All: 11.930 ± 0.067 χ^2/NDF : 2905.9/41

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -50.777 ± 0.186 $\chi^2/\text{NDF}: 590.2/3$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -56.247 ± 0.256 $\chi^2/\text{NDF}: 126.8/1$

Left: -52.666 ± 0.150 $\chi^2/\text{NDF}: 1016.0/5$

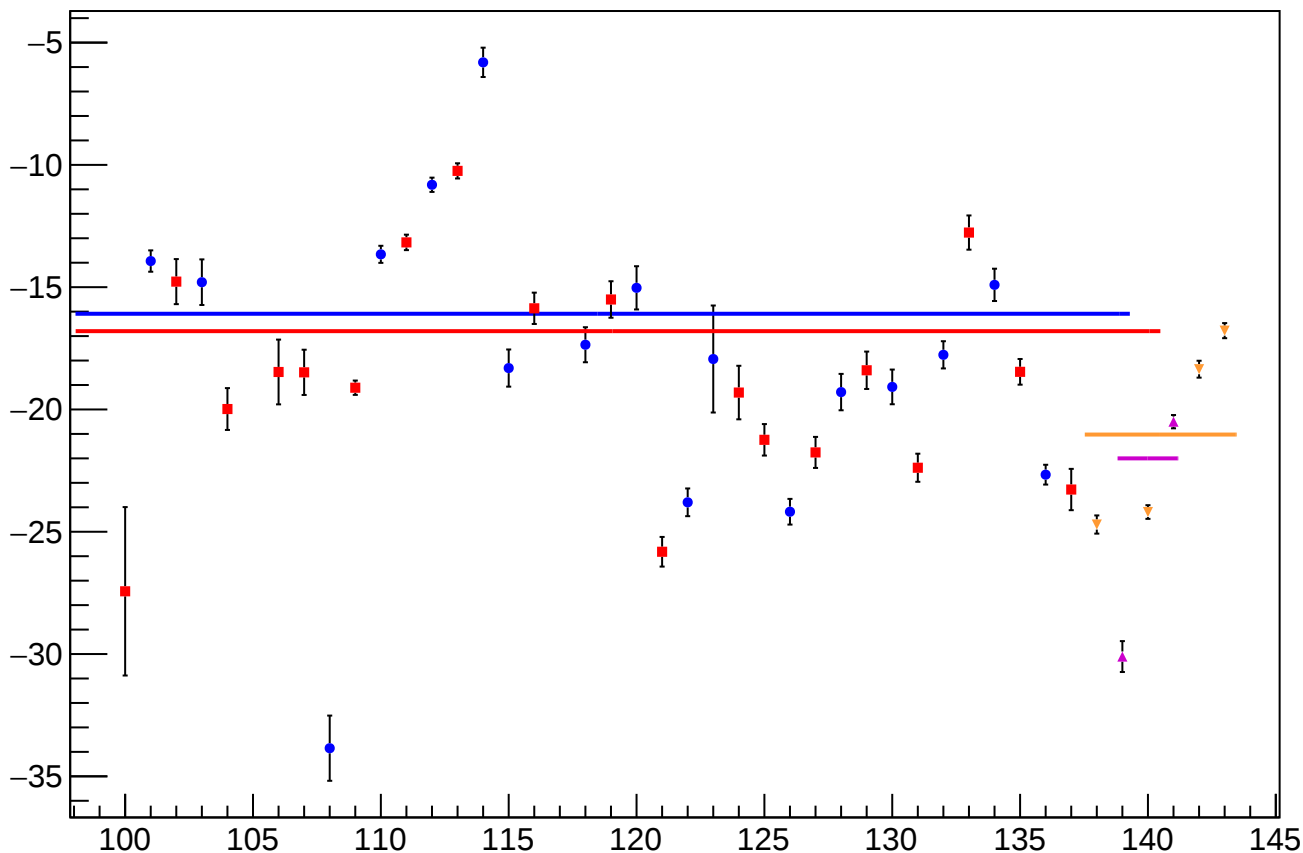
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -66.217 ± 0.157 $\chi^2/\text{NDF}: 8116.5/18$

Out: -63.727 ± 0.130 $\chi^2/\text{NDF}: 13513.8/22$

All: -64.739 ± 0.100 $\chi^2/\text{NDF}: 21780.3/41$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -21.026 ± 0.160 $\chi^2/\text{NDF}: 474.8/3$

Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$

Left In: -22.000 ± 0.250 $\chi^2/\text{NDF}: 195.0/1$

Left: -21.311 ± 0.135 $\chi^2/\text{NDF}: 680.5/5$

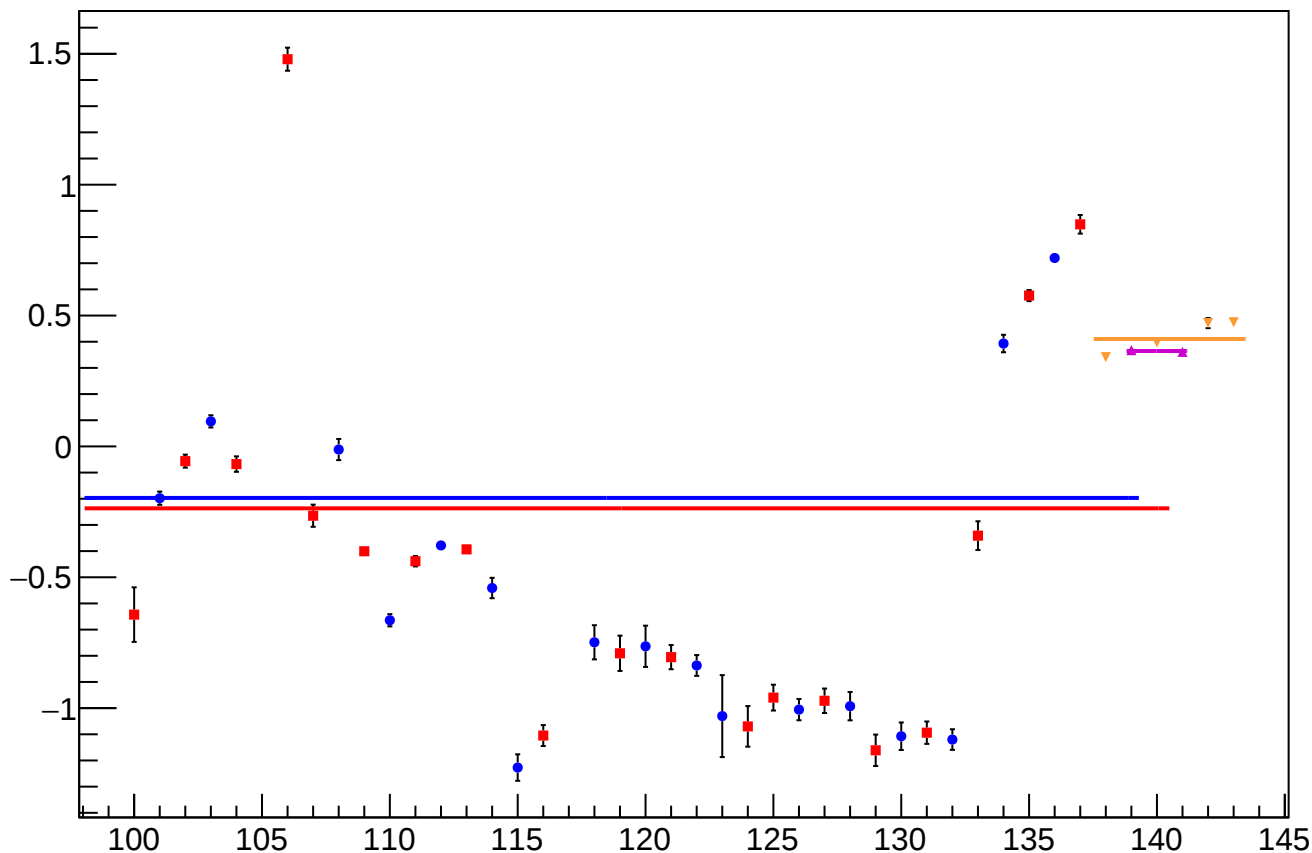
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -17.384 ± 0.117 $\chi^2/\text{NDF}: 2254.3/18$

Out: -18.444 ± 0.100 $\chi^2/\text{NDF}: 2112.5/22$

All: -17.996 ± 0.076 $\chi^2/\text{NDF}: 4414.2/41$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.410 ± 0.008 χ^2/NDF : 49.4/3

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: 0.393 ± 0.006 χ^2/NDF : 63.3/5

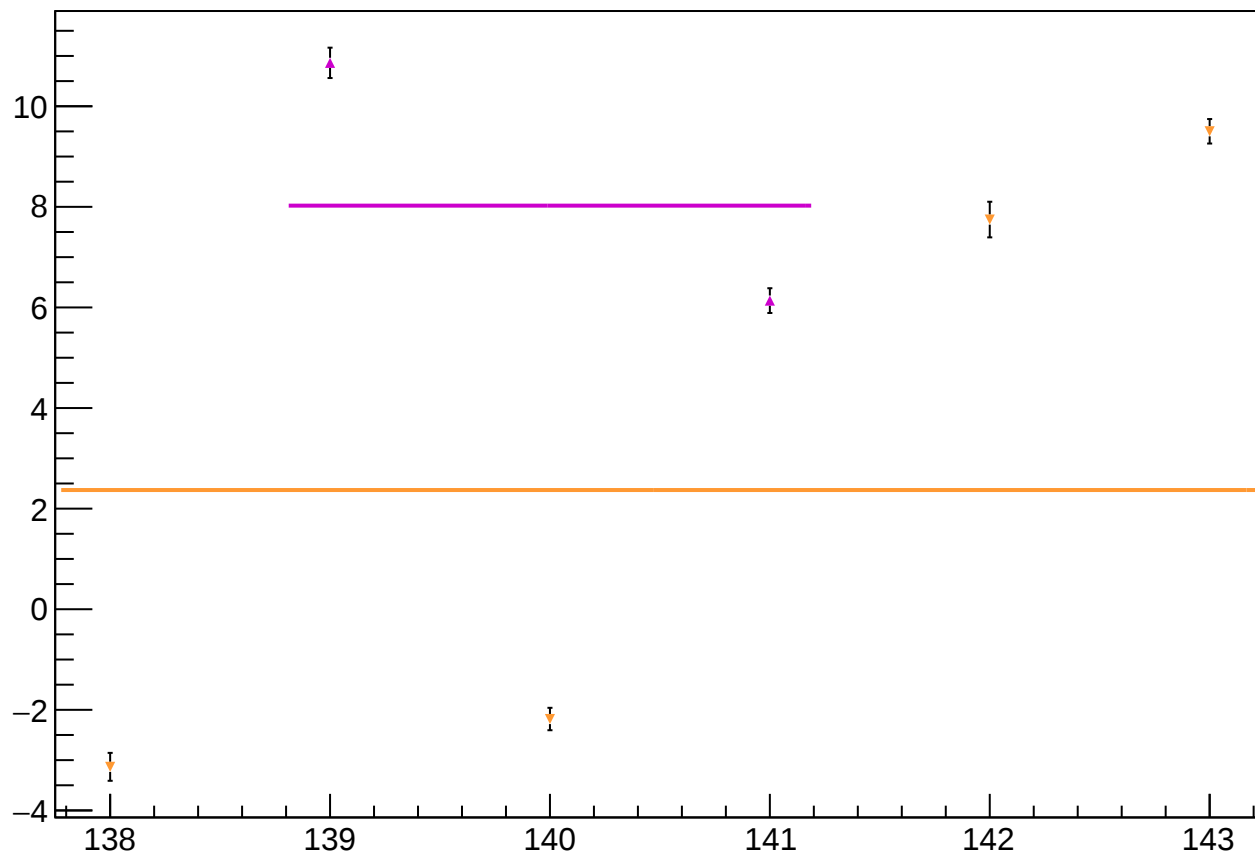
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.014 ± 0.006 χ^2/NDF : 8410.2/18

Out: 0.065 ± 0.005 χ^2/NDF : 10065.4/22

All: 0.043 ± 0.004 χ^2/NDF : 18516.7/41

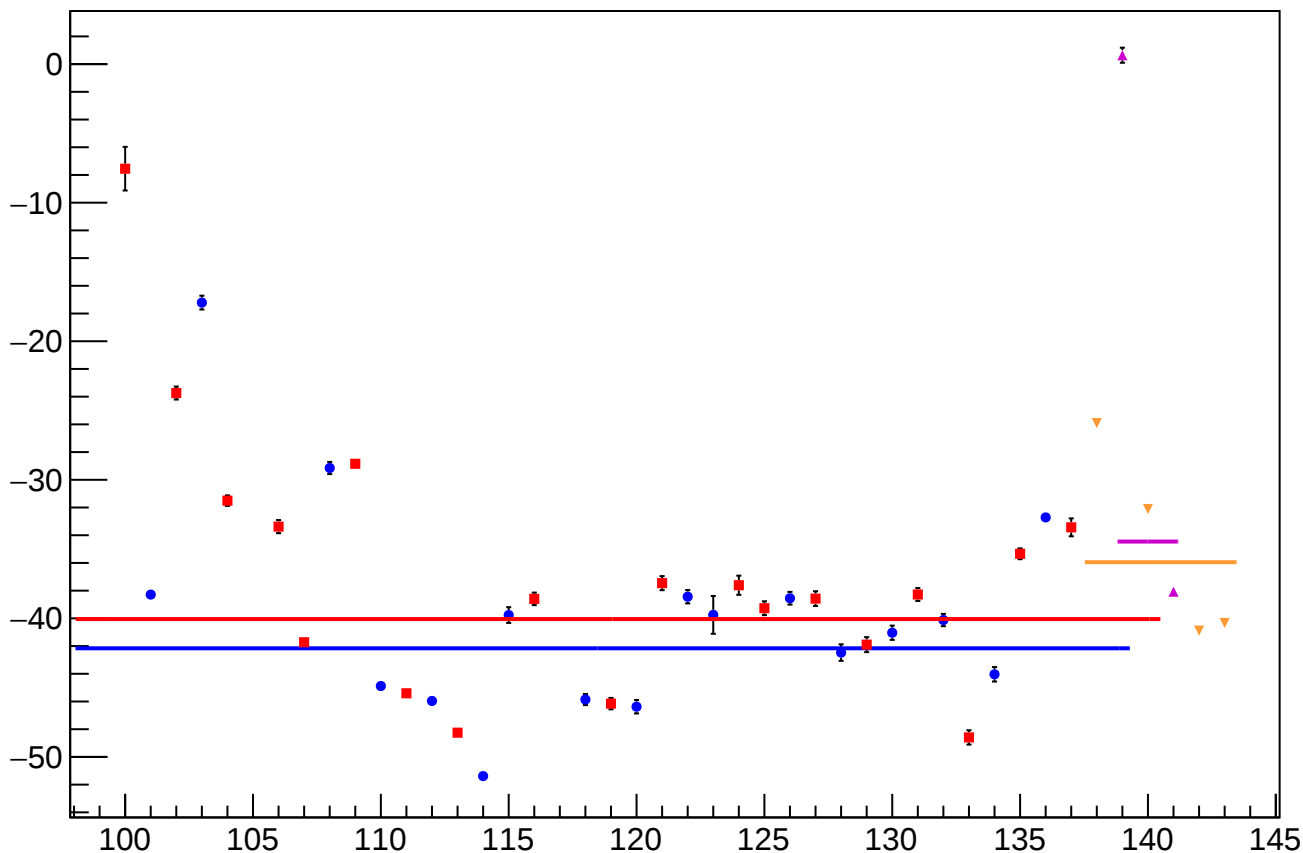
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.370+/-0.131 χ^2/NDF :1899.9/3
 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: 4.188+/-0.108 χ^2/NDF : 2643.2/5
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.024+/-0.191 χ^2/NDF :147.3/1
 Out: 2.370+/-0.131 χ^2/NDF :1899.9/3
 All: 4.188+/-0.108 χ^2/NDF : 2643.2/5

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -35.946 ± 0.100 $\chi^2/\text{NDF}: 3016.0/3$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -34.458 ± 0.166 $\chi^2/\text{NDF}: 4581.9/1$

Left: -35.552 ± 0.086 $\chi^2/\text{NDF}: 7656.6/5$

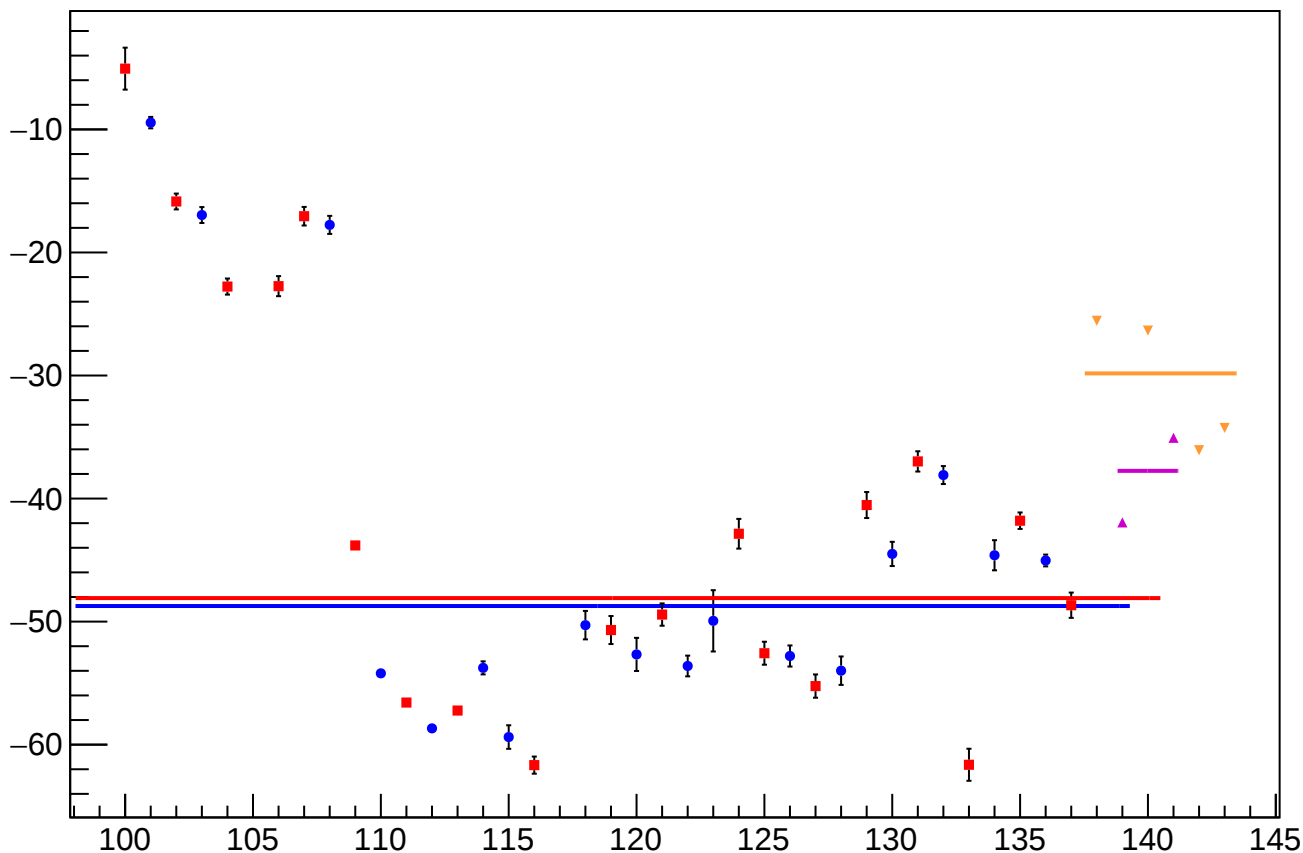
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -40.775 ± 0.071 $\chi^2/\text{NDF}: 12909.2/18$

Out: -38.629 ± 0.059 $\chi^2/\text{NDF}: 15428.9/22$

All: -39.509 ± 0.045 $\chi^2/\text{NDF}: 28884.2/41$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -29.828 ± 0.141 $\chi^2/\text{NDF}: 980.4/3$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -37.749 ± 0.204 $\chi^2/\text{NDF}: 269.5/1$

Left: -32.372 ± 0.116 $\chi^2/\text{NDF}: 2270.3/5$

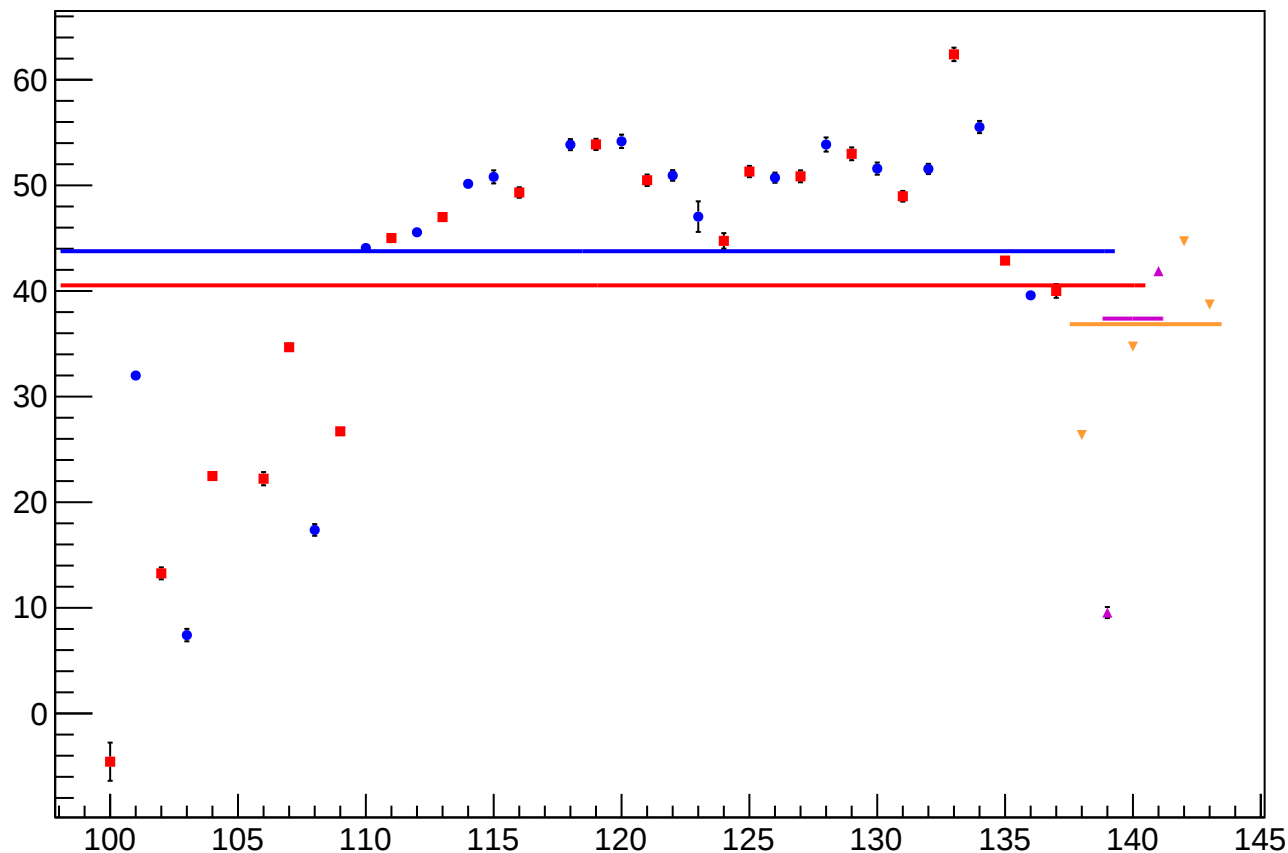
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -45.753 ± 0.106 $\chi^2/\text{NDF}: 17034.7/18$

Out: -41.371 ± 0.085 $\chi^2/\text{NDF}: 23383.9/22$

All: -43.084 ± 0.067 $\chi^2/\text{NDF}: 41451.1/41$

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: 36.857 $\pm$ 0.120 χ^2 /NDF:2159.2/3

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: 37.001 $\pm$ 0.102 χ^2 /NDF: 5436.8/5

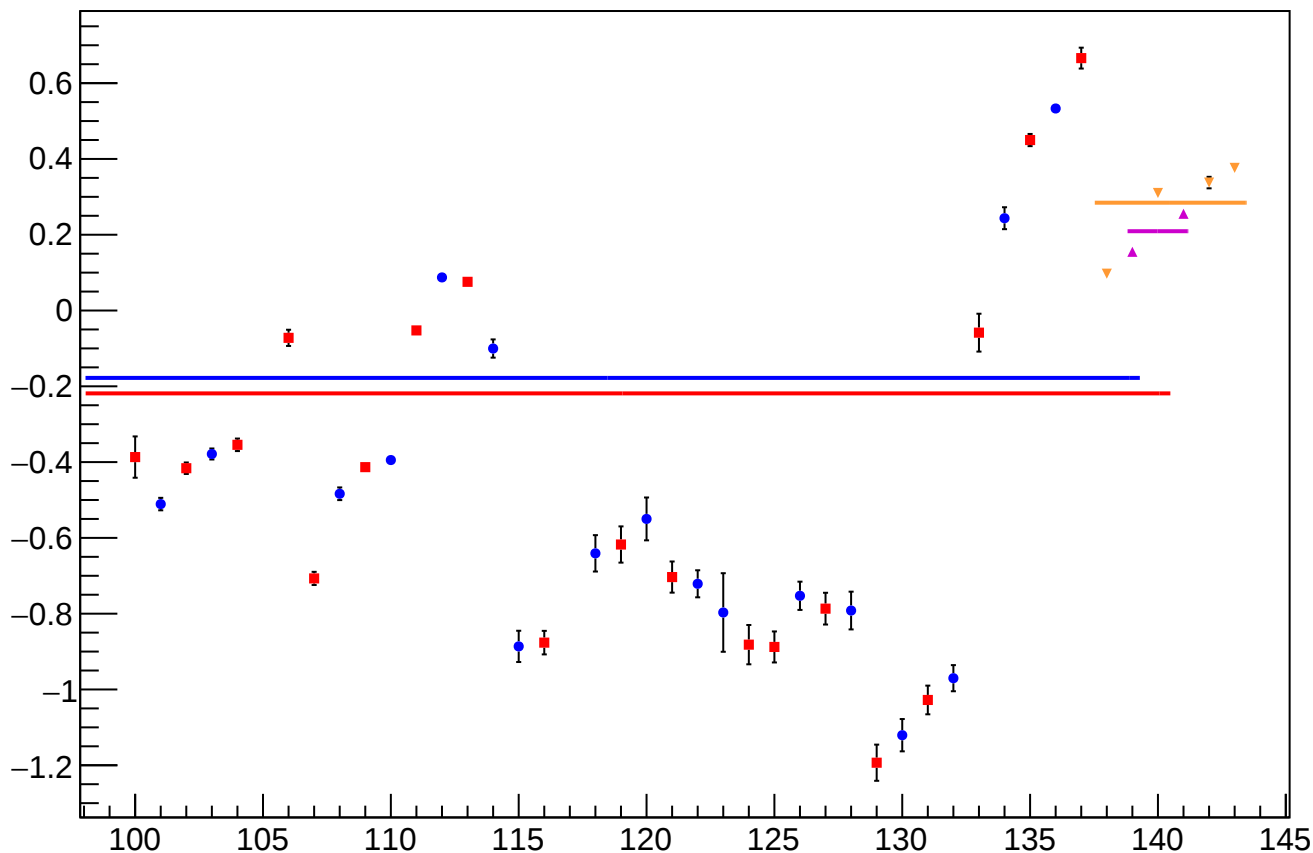
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.715 $\pm$ 0.079 χ^2 /NDF:14796.5/18

Out: 39.395 $\pm$ 0.067 χ^2 /NDF:20389.7/22

All: 40.768 $\pm$ 0.051 χ^2 /NDF: 36213.5/41

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.285 ± 0.006 χ^2/NDF : 341.6/3

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: 0.258 ± 0.005 χ^2/NDF : 443.2/5

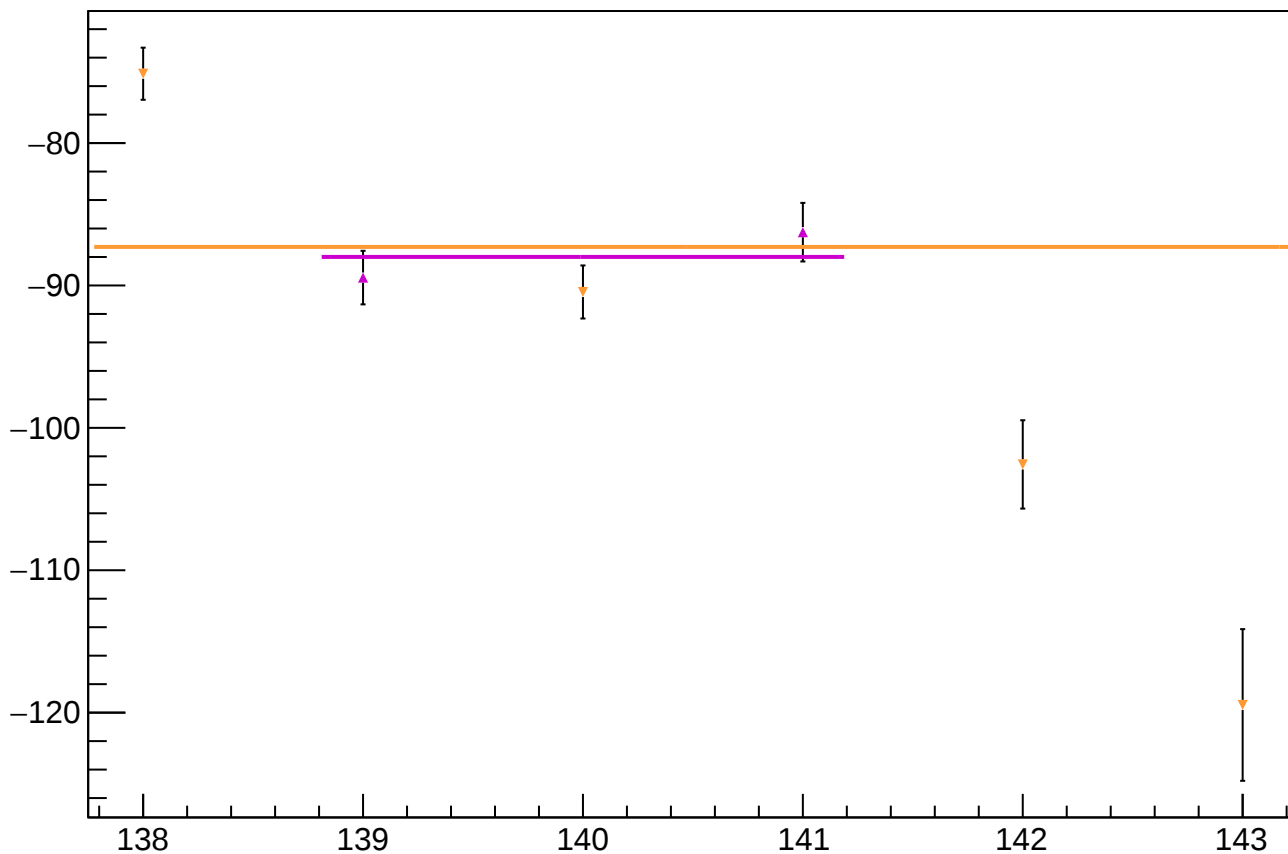
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: -0.070 ± 0.004 χ^2/NDF : 9190.5/18

Out: -0.040 ± 0.003 χ^2/NDF : 12678.9/22

All: -0.052 ± 0.003 χ^2/NDF : 21900.6/41

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -87.293+/-1.174 χ^2/NDF :107.8/3

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: -87.585+/-0.896 χ^2/NDF : 109.3/5

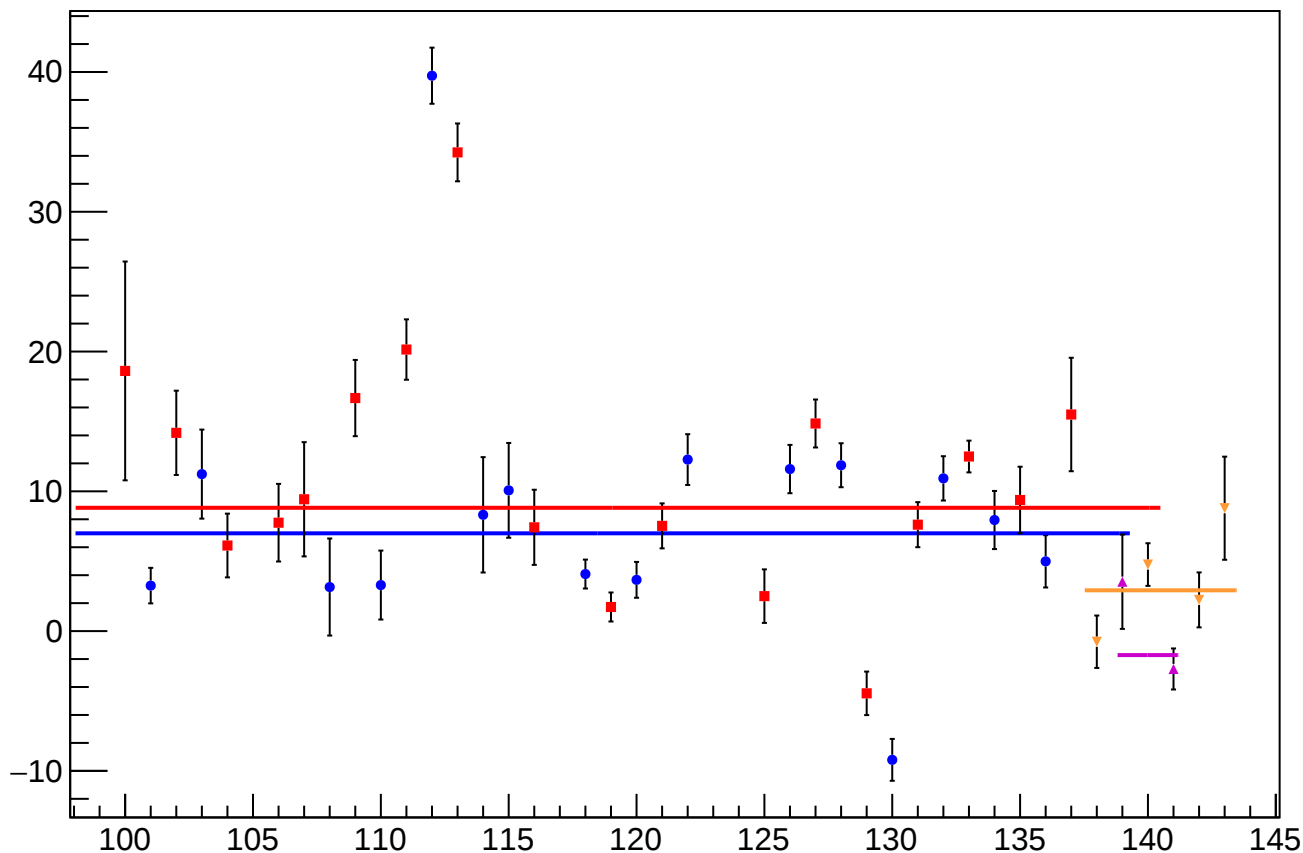
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.995+/-1.388 χ^2/NDF :1.3/1

Out: -87.293+/-1.174 χ^2/NDF :107.8/3

All: -87.585+/-0.896 χ^2/NDF : 109.3/5

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.918 ± 0.978 $\chi^2/\text{NDF}: 8.0/3$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: -1.716 ± 1.346 $\chi^2/\text{NDF}: 2.9/1$

Left: 1.318 ± 0.791 $\chi^2/\text{NDF}: 18.6/5$

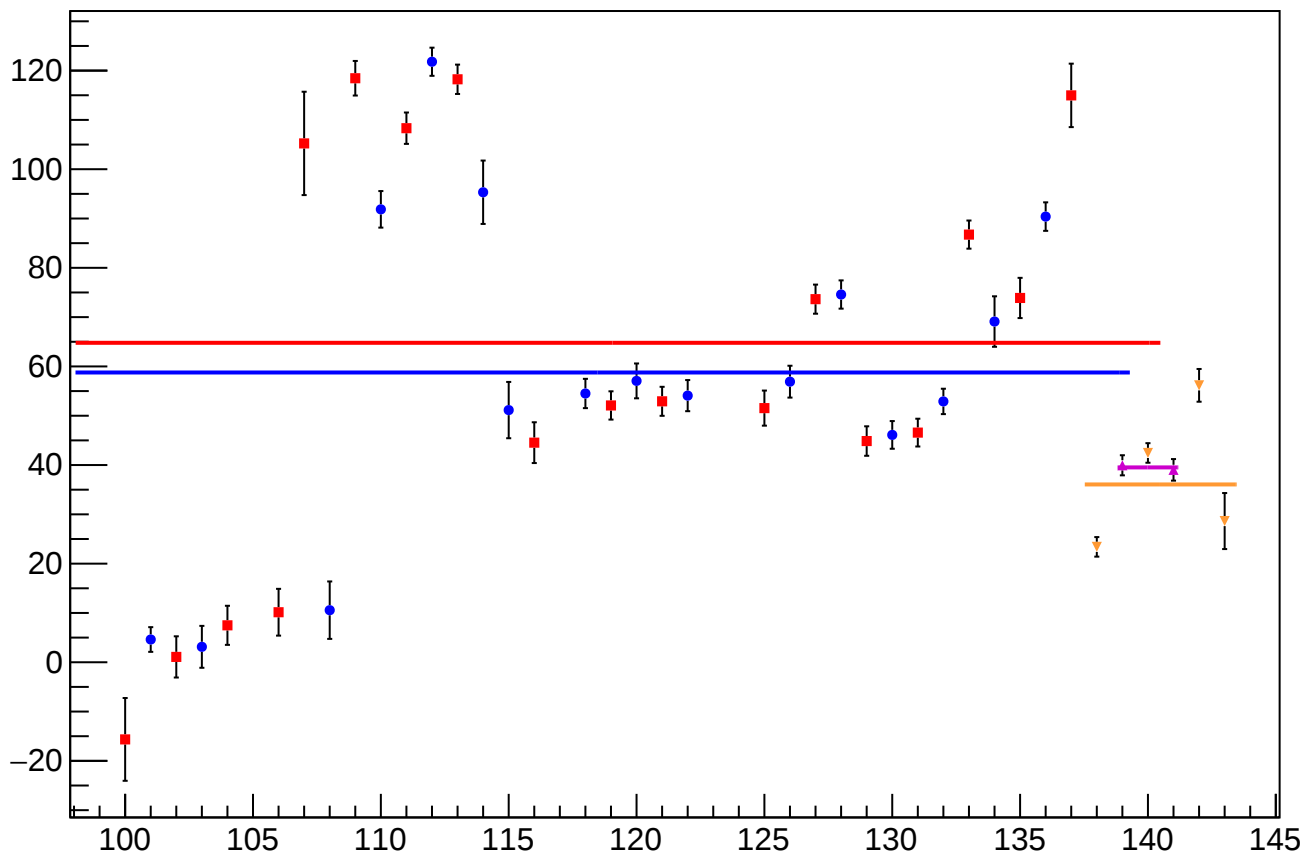
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 6.175 ± 0.413 $\chi^2/\text{NDF}: 486.1/17$

Out: 7.795 ± 0.408 $\chi^2/\text{NDF}: 388.5/21$

All: 6.996 ± 0.290 $\chi^2/\text{NDF}: 882.4/39$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 36.063 $\pm$ 1.260 χ^2 /NDF:89.4/3

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 39.519 $\pm$ 1.491 χ^2 /NDF:0.1/1

Left: 37.502 $\pm$ 0.963 χ^2 /NDF: 92.6/5

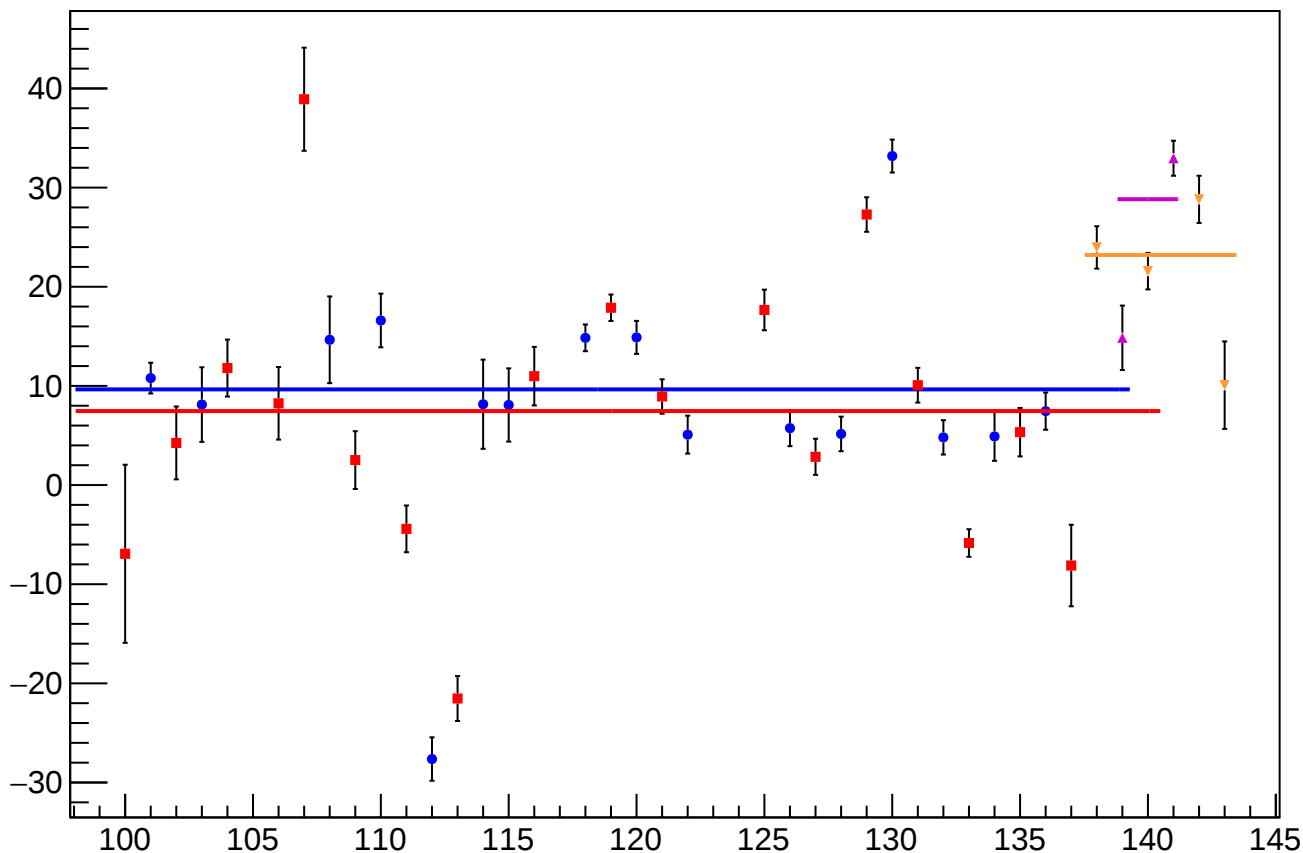
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 54.194 $\pm$ 0.727 χ^2 /NDF:1620.4/17

Out: 55.946 $\pm$ 0.699 χ^2 /NDF:2167.2/21

All: 55.104 $\pm$ 0.504 χ^2 /NDF: 3790.7/39

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2/NDF : 553.6/15

Left Out: 23.206 $\pm$ 1.160 χ^2/NDF :15.3/3

Right Out: 7.463 $\pm$ 0.516 χ^2/NDF : 566.9/17

Left In: 28.829 $\pm$ 1.552 χ^2/NDF :24.0/1

Left: 25.223 $\pm$ 0.929 χ^2/NDF : 47.8/5

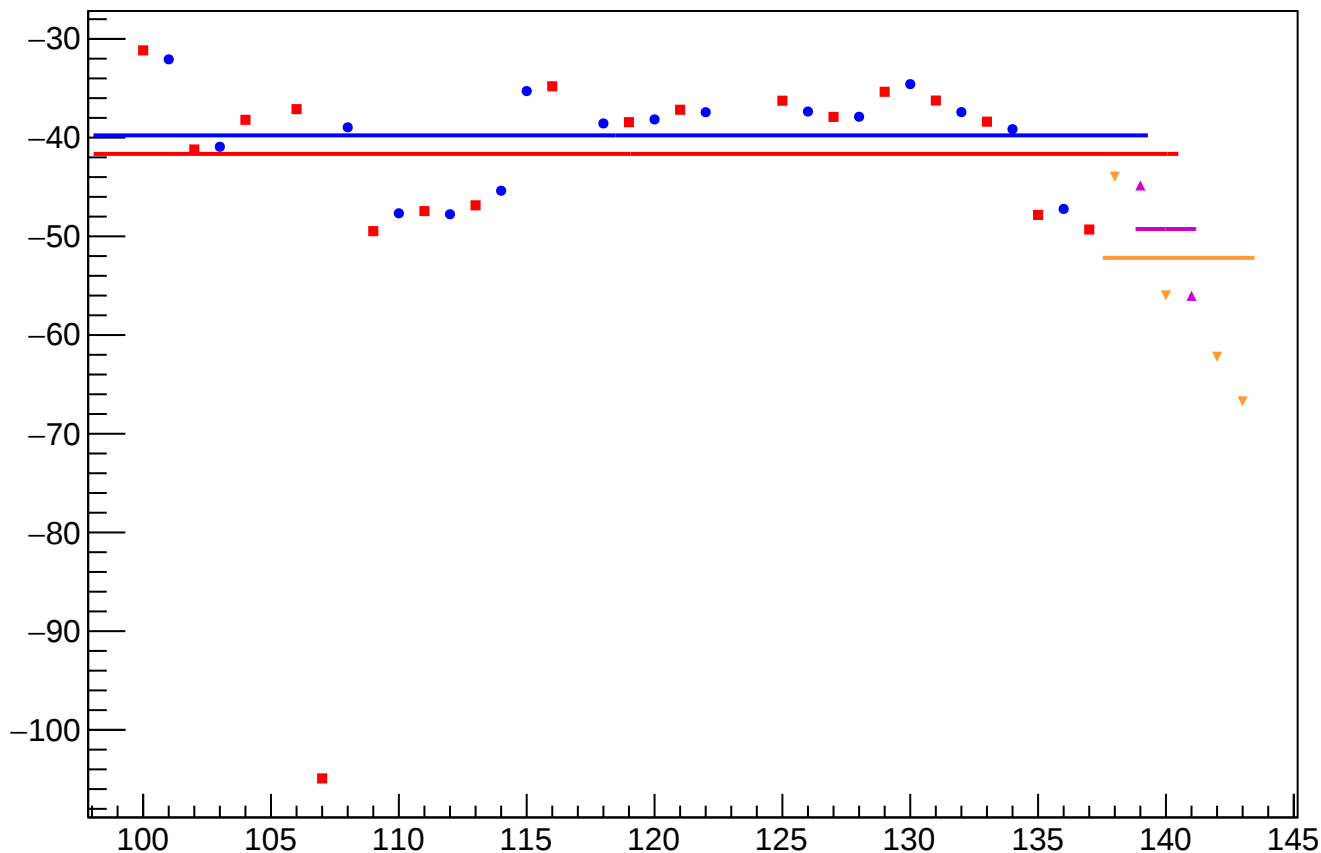
Right: 8.585 $\pm$ 0.360 χ^2/NDF : 1129.6/33

In: 11.466 $\pm$ 0.478 χ^2/NDF :715.9/17

Out: 10.059 $\pm$ 0.471 χ^2/NDF :735.9/21

All: 10.753 $\pm$ 0.335 χ^2/NDF : 1456.2/39

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771±/0.031 χ^2/NDF : 26176.5/15

Left Out: -52.183±/0.052 χ^2/NDF :22720.8/3

Right Out: -41.647±/0.031 χ^2/NDF : 94514.5/17

Left In: -49.258±/0.056 χ^2/NDF :9676.5/1

Left: -50.823±/0.038 χ^2/NDF : 33879.4/5

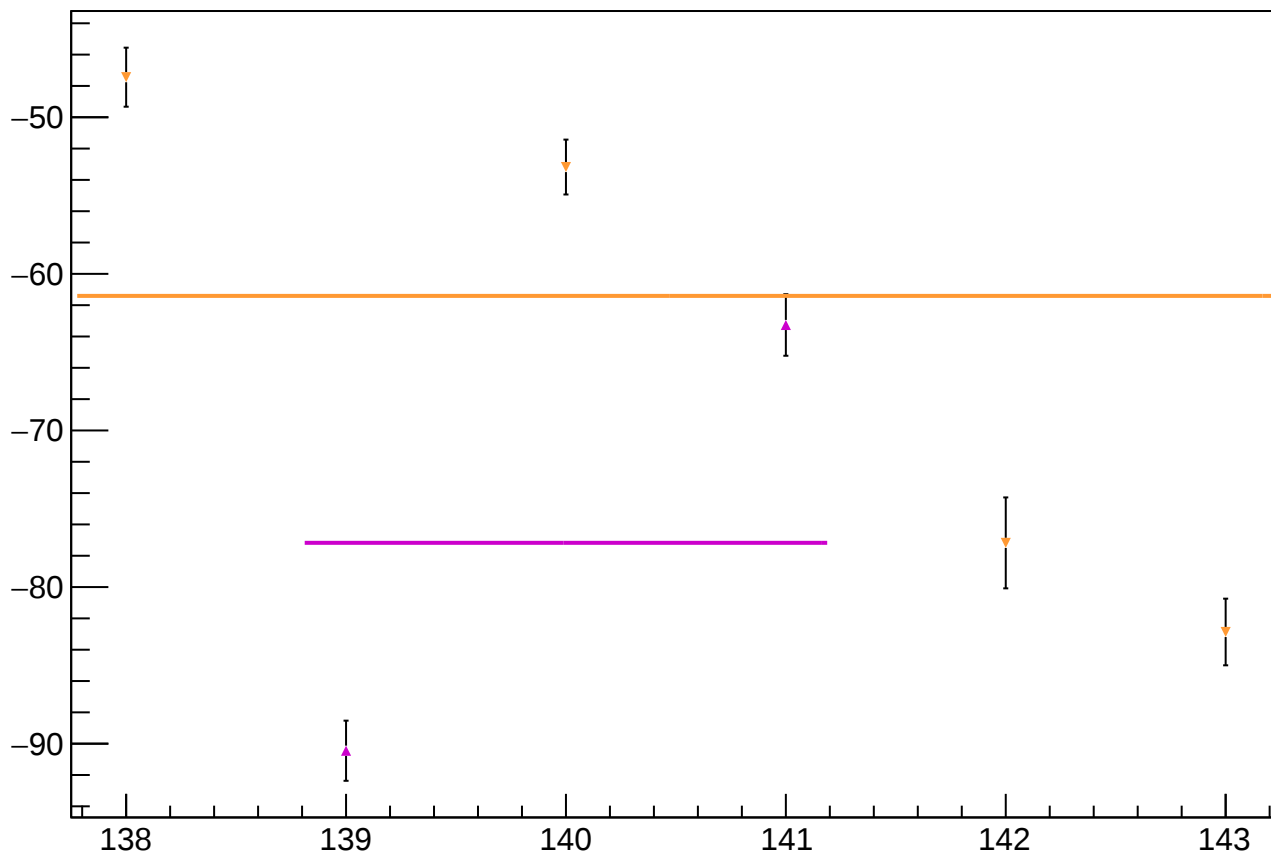
Right: -40.706±/0.022 χ^2/NDF : 122504.5/33

In: -42.034±/0.027 χ^2/NDF :58040.4/17

Out: -44.452±/0.027 χ^2/NDF :147600.2/21

All: -43.262±/0.019 χ^2/NDF : 209672.1/39

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -61.407+/-1.028 χ^2/NDF :208.2/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -77.175+/-1.374 χ^2/NDF :97.9/1

Left: -67.067+/-0.823 χ^2/NDF : 390.6/5

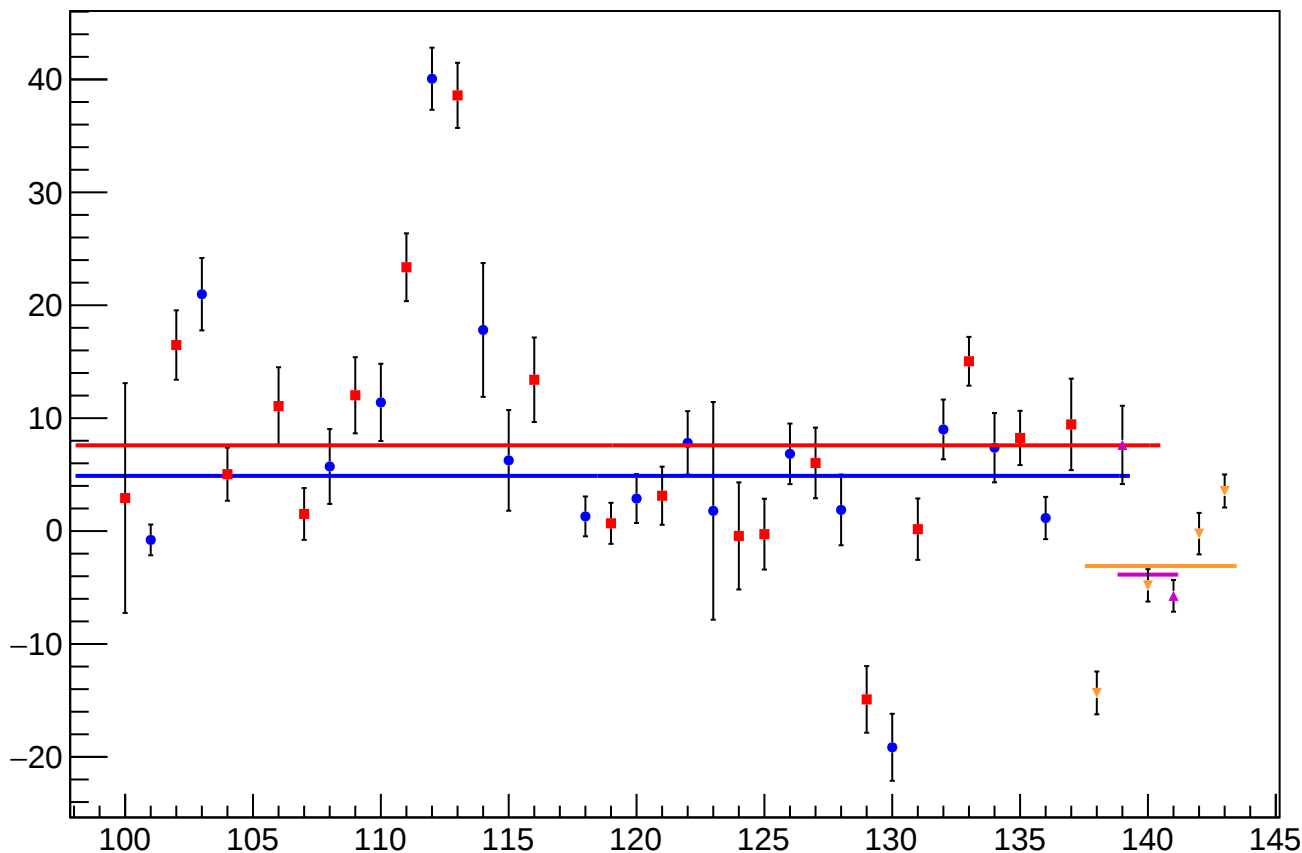
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -77.175+/-1.374 χ^2/NDF :97.9/1

Out: -61.407+/-1.028 χ^2/NDF :208.2/3

All: -67.067+/-0.823 χ^2/NDF : 390.6/5

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2 /NDF: 294.7/16

Left Out: -3.096 $\pm$ 0.810 χ^2 /NDF: 59.6/3

Right Out: 7.596 $\pm$ 0.651 χ^2 /NDF: 269.4/18

Left In: -3.856 $\pm$ 1.301 χ^2 /NDF: 12.8/1

Left: -3.308 $\pm$ 0.687 χ^2 /NDF: 72.6/5

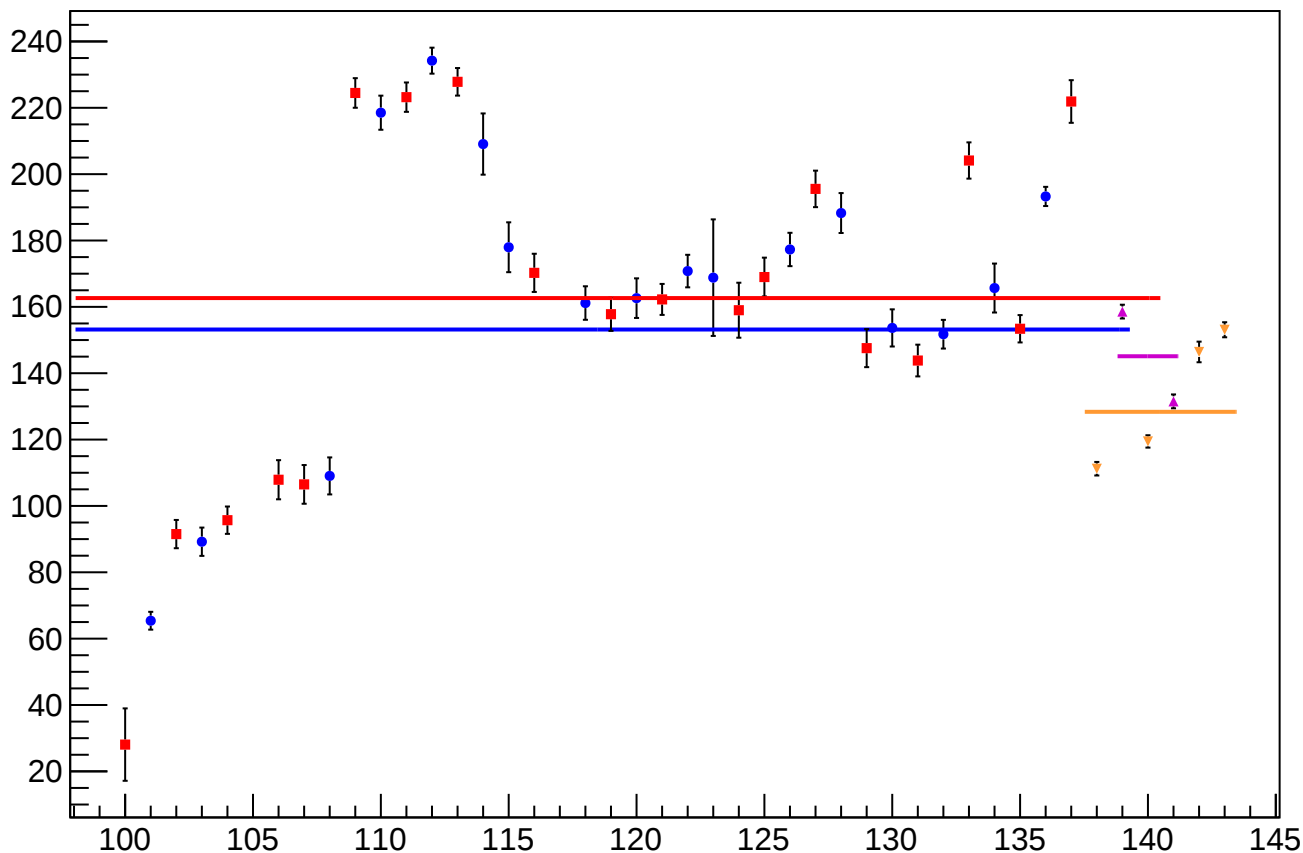
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 3.261 $\pm$ 0.561 χ^2 /NDF: 344.3/18

Out: 3.398 $\pm$ 0.507 χ^2 /NDF: 434.9/22

All: 3.337 $\pm$ 0.376 χ^2 /NDF: 779.3/41

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: 128.368 $\pm$ 1.101 χ^2 /NDF:245.9/3

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: 134.369 $\pm$ 0.882 χ^2 /NDF: 413.0/5

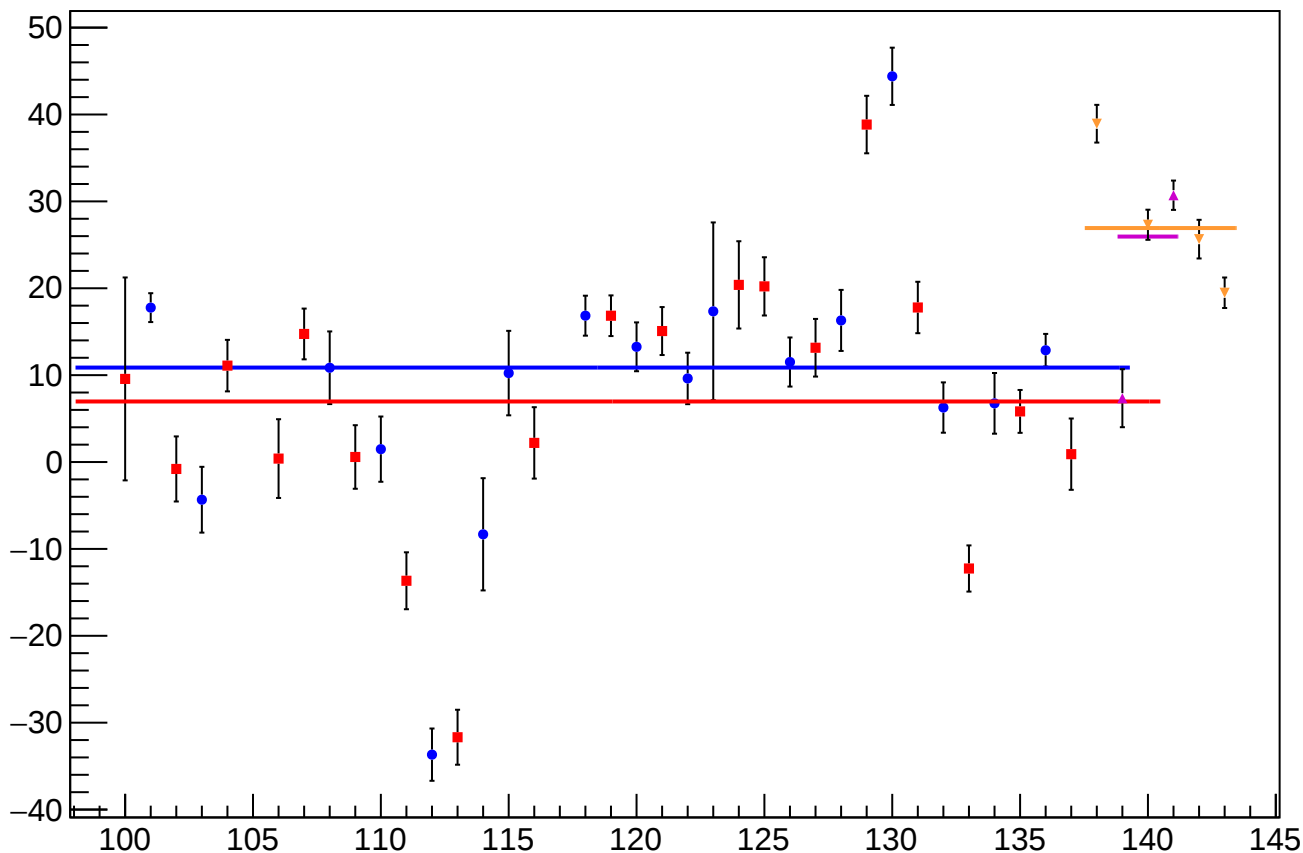
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 150.136 $\pm$ 0.905 χ^2 /NDF:2367.2/18

Out: 144.381 $\pm$ 0.804 χ^2 /NDF:2407.2/22

All: 146.920 $\pm$ 0.601 χ^2 /NDF: 4797.0/41

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: 26.931 $\pm$ 0.966 χ^2 /NDF: 49.0/3

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: 26.645 $\pm$ 0.813 χ^2 /NDF: 88.3/5

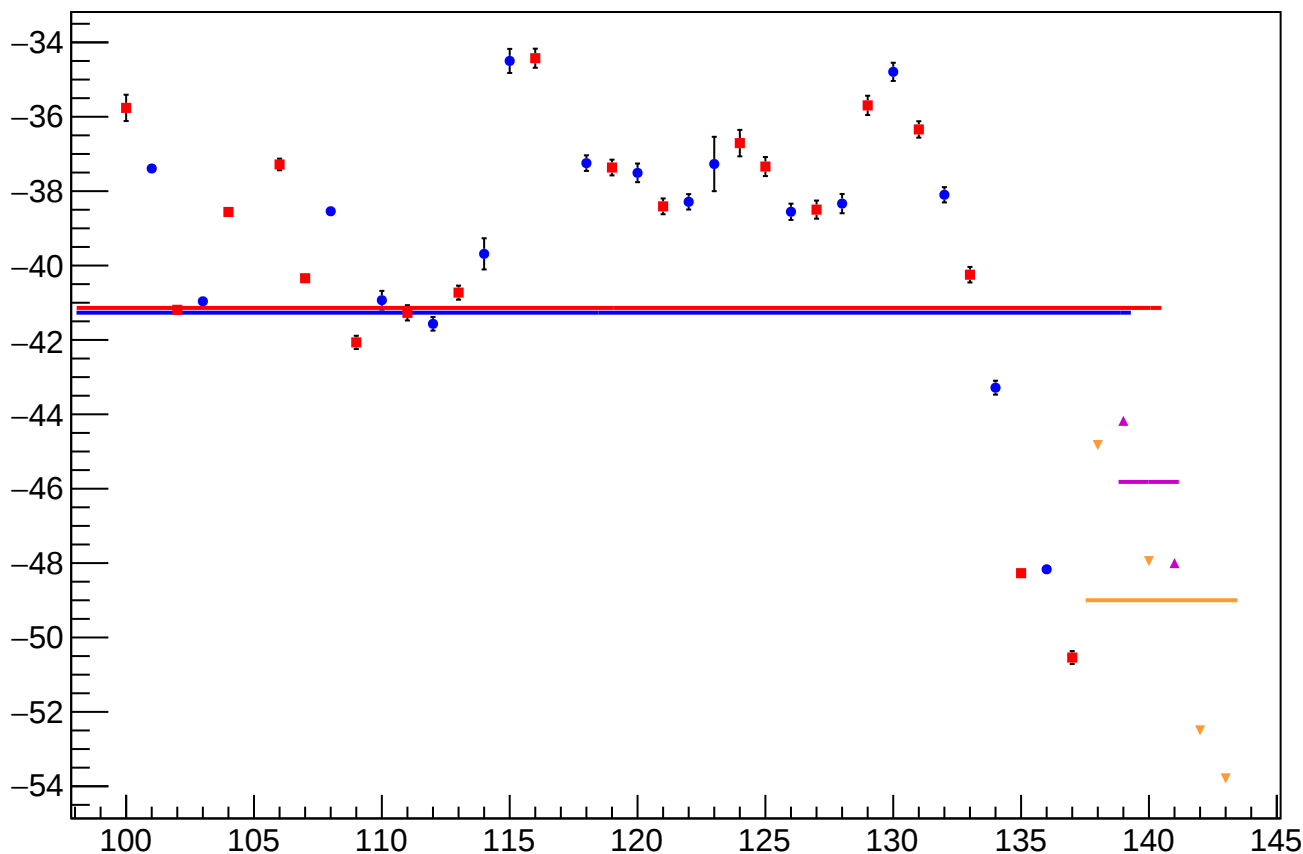
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 13.642 $\pm$ 0.646 χ^2 /NDF: 507.6/18

Out: 14.445 $\pm$ 0.591 χ^2 /NDF: 738.4/22

All: 14.079 $\pm$ 0.436 χ^2 /NDF: 1246.8/41

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267+/-0.039 χ^2/NDF : 12581.8/16

Left Out: -48.998+/-0.045 χ^2/NDF : 6365.9/3

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: -47.724+/-0.035 χ^2/NDF : 9512.1/5

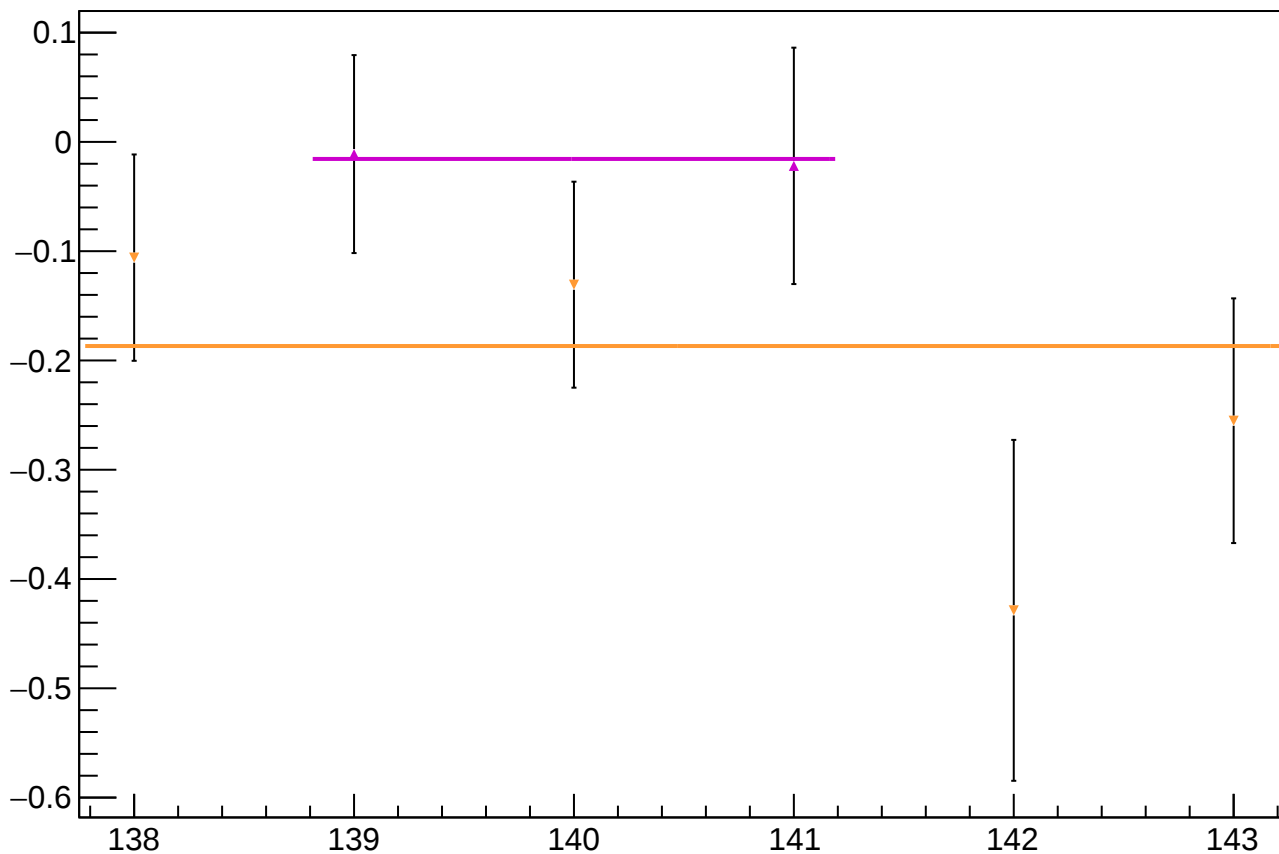
Right: -41.203+/-0.027 χ^2/NDF : 24829.7/35

In: -42.751+/-0.032 χ^2/NDF : 18299.2/18

Out: -44.448+/-0.029 χ^2/NDF : 36052.9/22

All: -43.662+/-0.022 χ^2/NDF : 55898.5/41

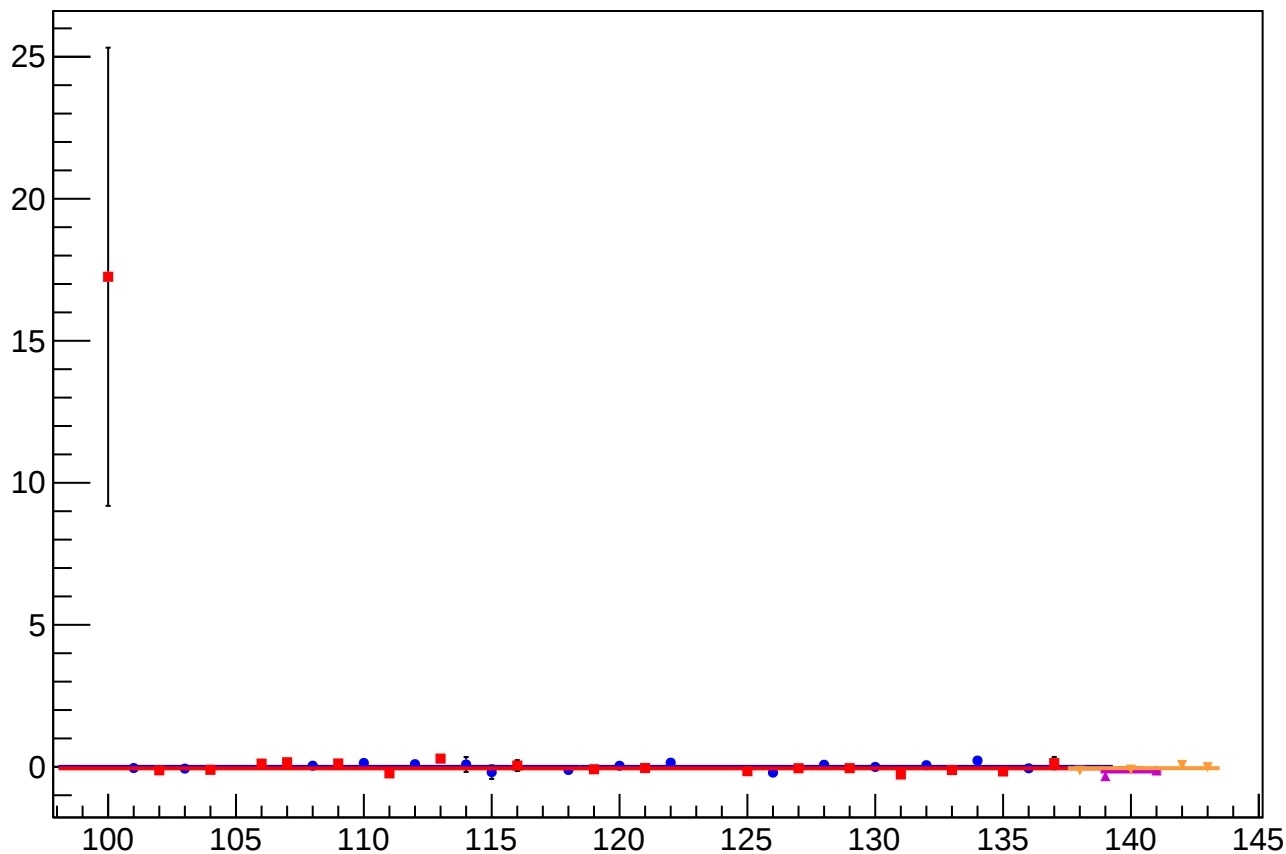
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.187+/-0.054 χ^2/NDF : 3.9/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.016+/-0.069 χ^2/NDF : 0.0/1

Left: -0.123+/-0.043 χ^2/NDF : 7.7/5
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.016+/-0.069 χ^2/NDF : 0.0/1
 Out: -0.187+/-0.054 χ^2/NDF : 3.9/3
 All: -0.123+/-0.043 χ^2/NDF : 7.7/5

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.047 ± 0.043 χ^2/NDF : 2.6/3

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: -0.079 ± 0.037 χ^2/NDF : 5.8/5

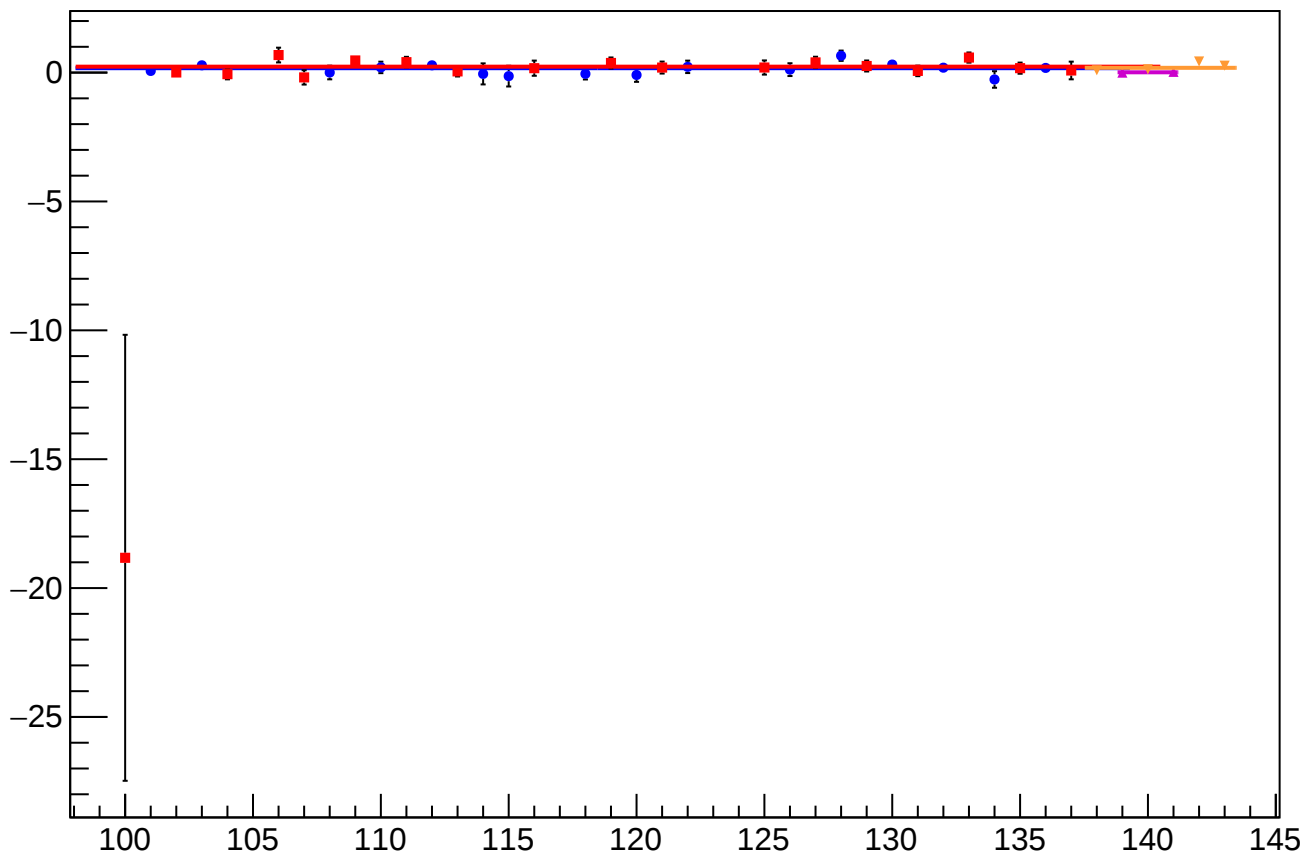
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.024 ± 0.026 χ^2/NDF : 17.8/17

Out: -0.051 ± 0.024 χ^2/NDF : 28.2/21

All: -0.039 ± 0.018 χ^2/NDF : 46.6/39

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: 0.184 $\pm$ 0.058 χ^2 /NDF: 3.8/3

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: 0.119 $\pm$ 0.046 χ^2 /NDF: 7.3/5

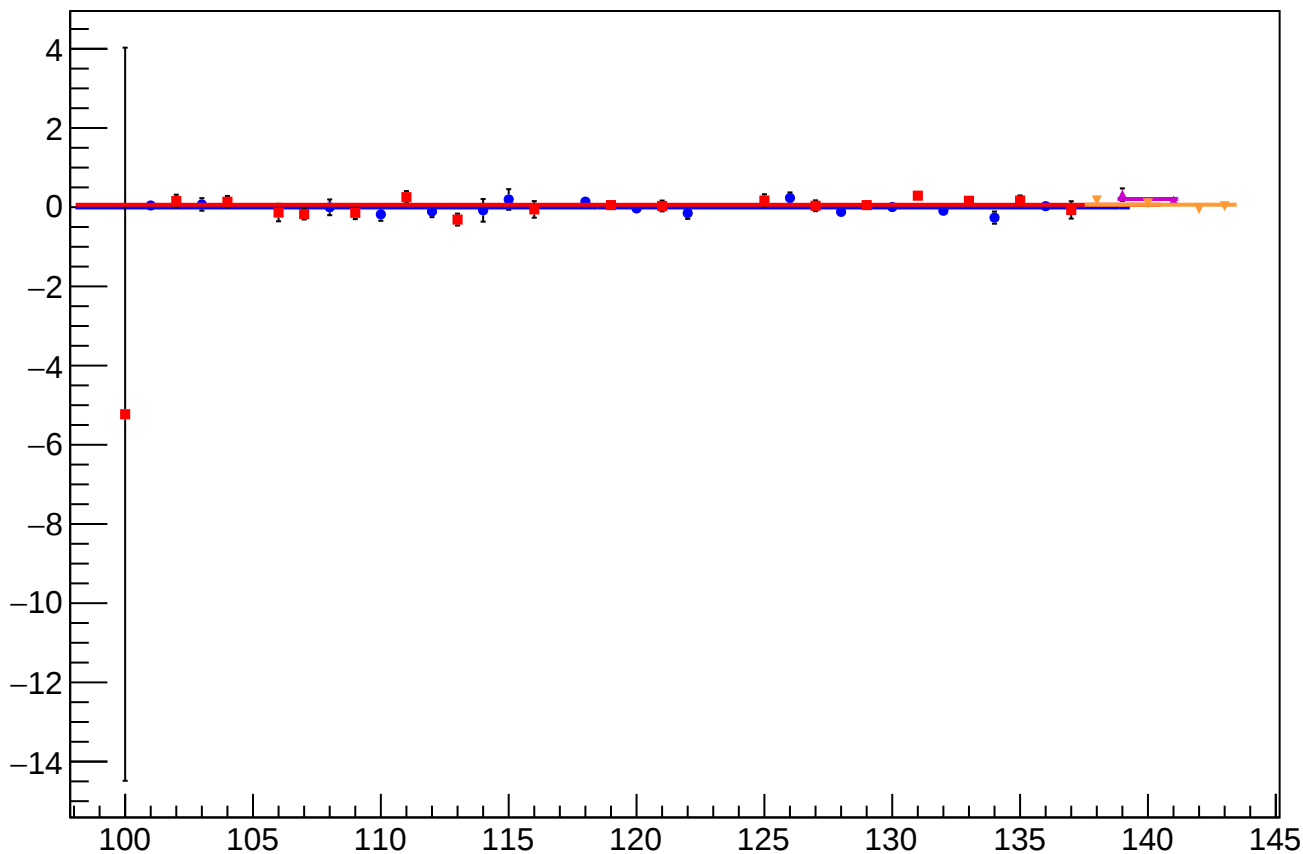
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.117 $\pm$ 0.043 χ^2 /NDF: 16.1/17

Out: 0.208 $\pm$ 0.039 χ^2 /NDF: 25.8/21

All: 0.167 $\pm$ 0.029 χ^2 /NDF: 44.4/39

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.063 ± 0.051 χ^2/NDF : 2.1/3

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: 0.105 ± 0.043 χ^2/NDF : 5.0/5

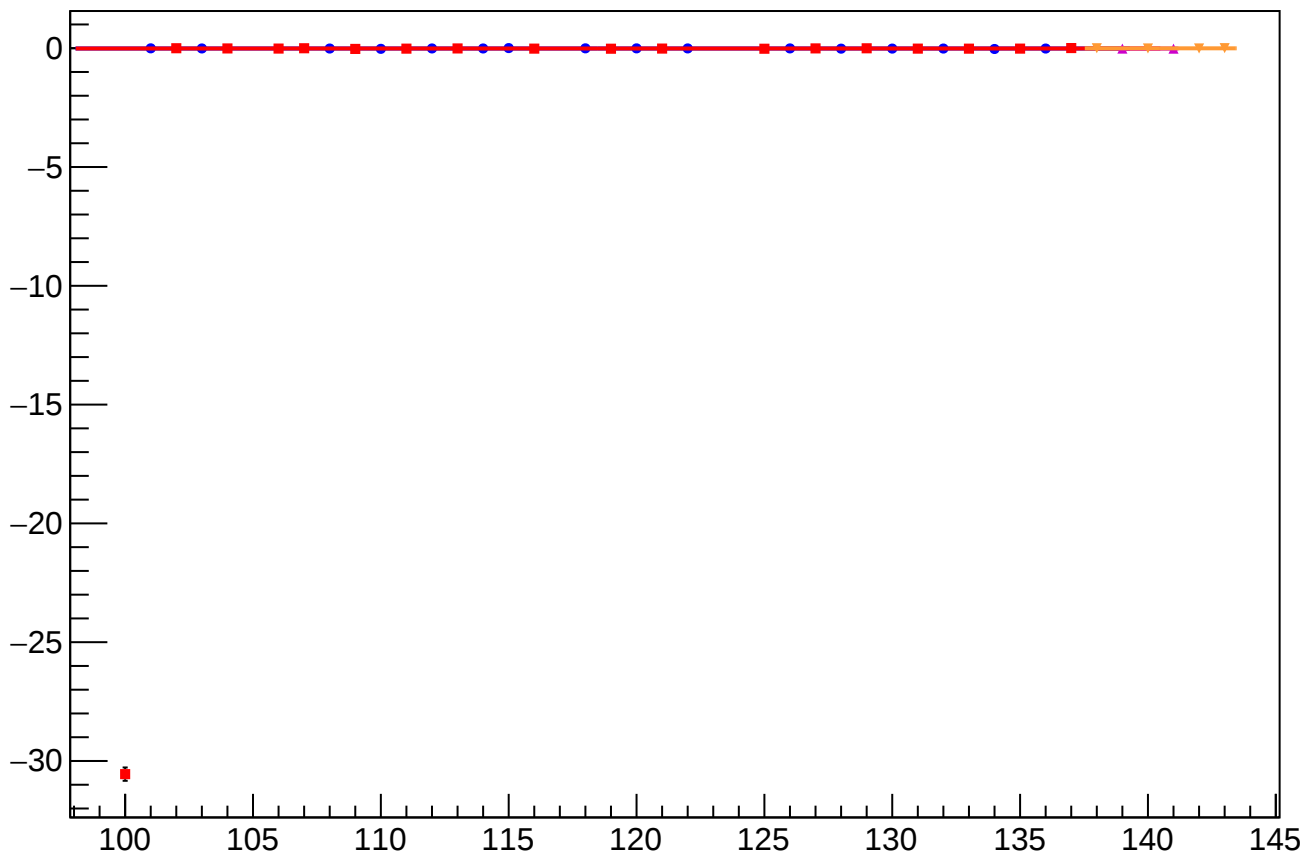
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.024 ± 0.030 χ^2/NDF : 20.0/17

Out: 0.062 ± 0.028 χ^2/NDF : 22.4/21

All: 0.044 ± 0.021 χ^2/NDF : 43.2/39

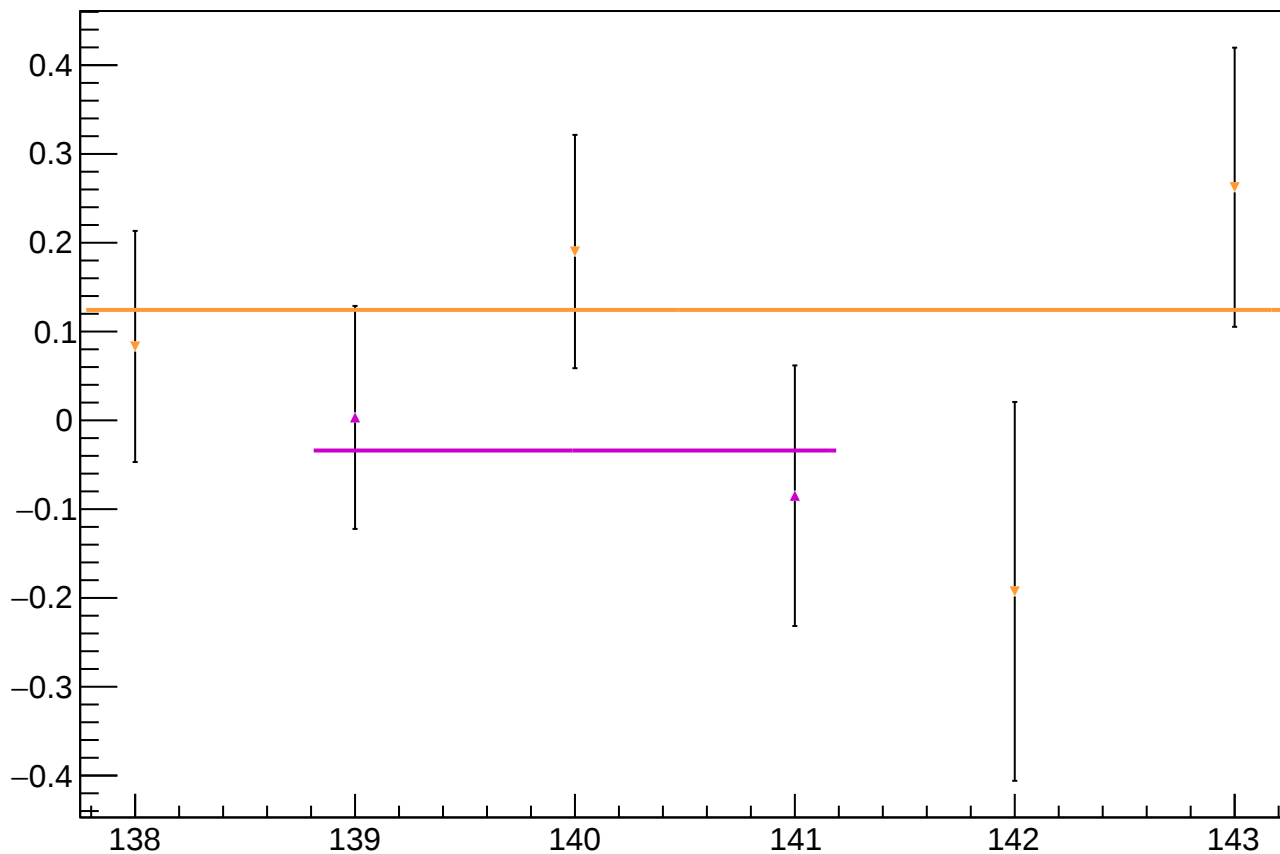
reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15
 Left Out: -0.004 ± 0.002 χ^2/NDF : 5.0/3
 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: -0.009 ± 0.002 χ^2/NDF : 16.8/5
 Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33
 In: -0.013 ± 0.002 χ^2/NDF : 15.0/17
 Out: -0.009 ± 0.001 χ^2/NDF : 11902.6/21
 All: -0.011 ± 0.001 χ^2/NDF : 11921.6/39

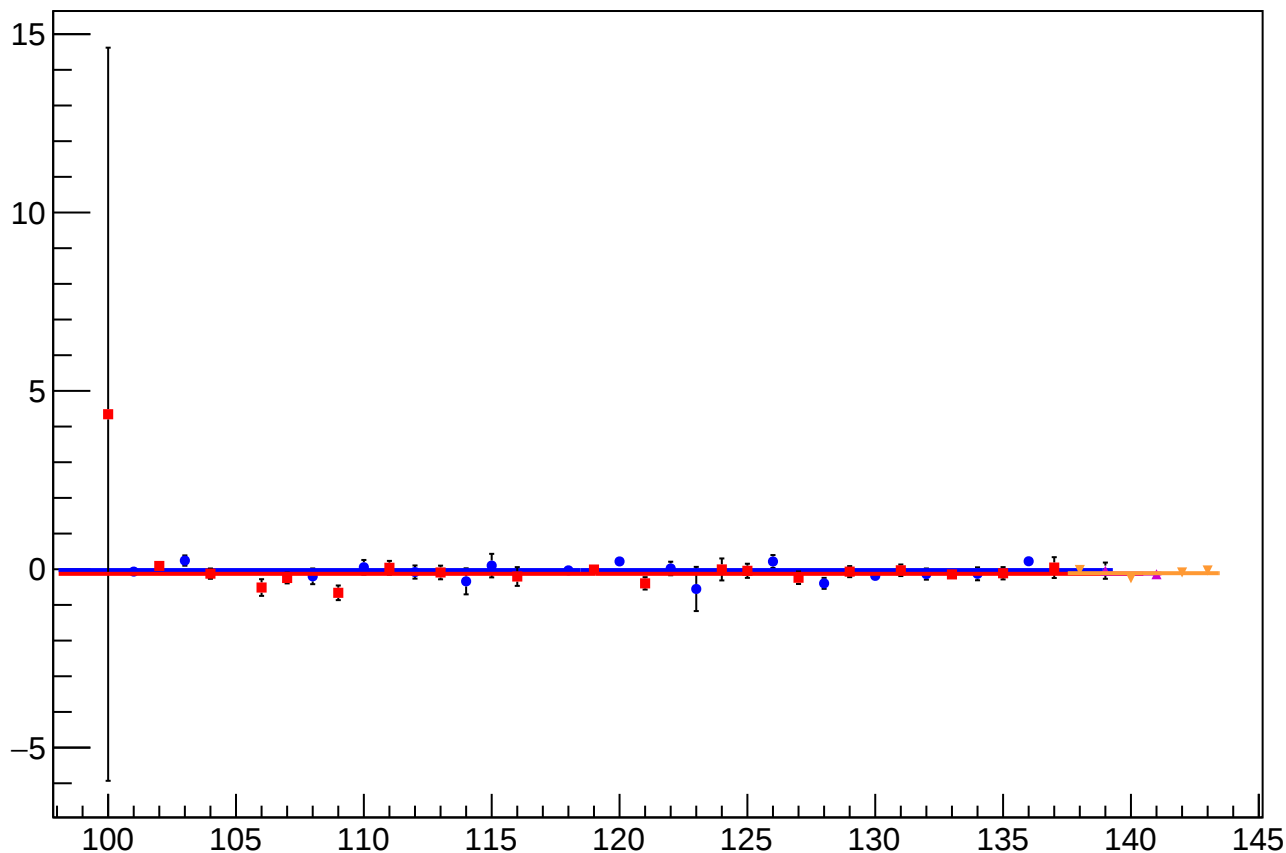
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.124 $\pm$ 0.075 χ^2 /NDF:3.3/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.034 $\pm$ 0.095 χ^2 /NDF:0.2/1

Left: 0.064 $\pm$ 0.059 χ^2 /NDF: 5.2/5
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.034 $\pm$ 0.095 χ^2 /NDF:0.2/1
 Out: 0.124 $\pm$ 0.075 χ^2 /NDF:3.3/3
 All: 0.064 $\pm$ 0.059 χ^2 /NDF: 5.2/5

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.111 ± 0.060 χ^2/NDF : 2.7/3

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: -0.114 ± 0.051 χ^2/NDF : 2.8/5

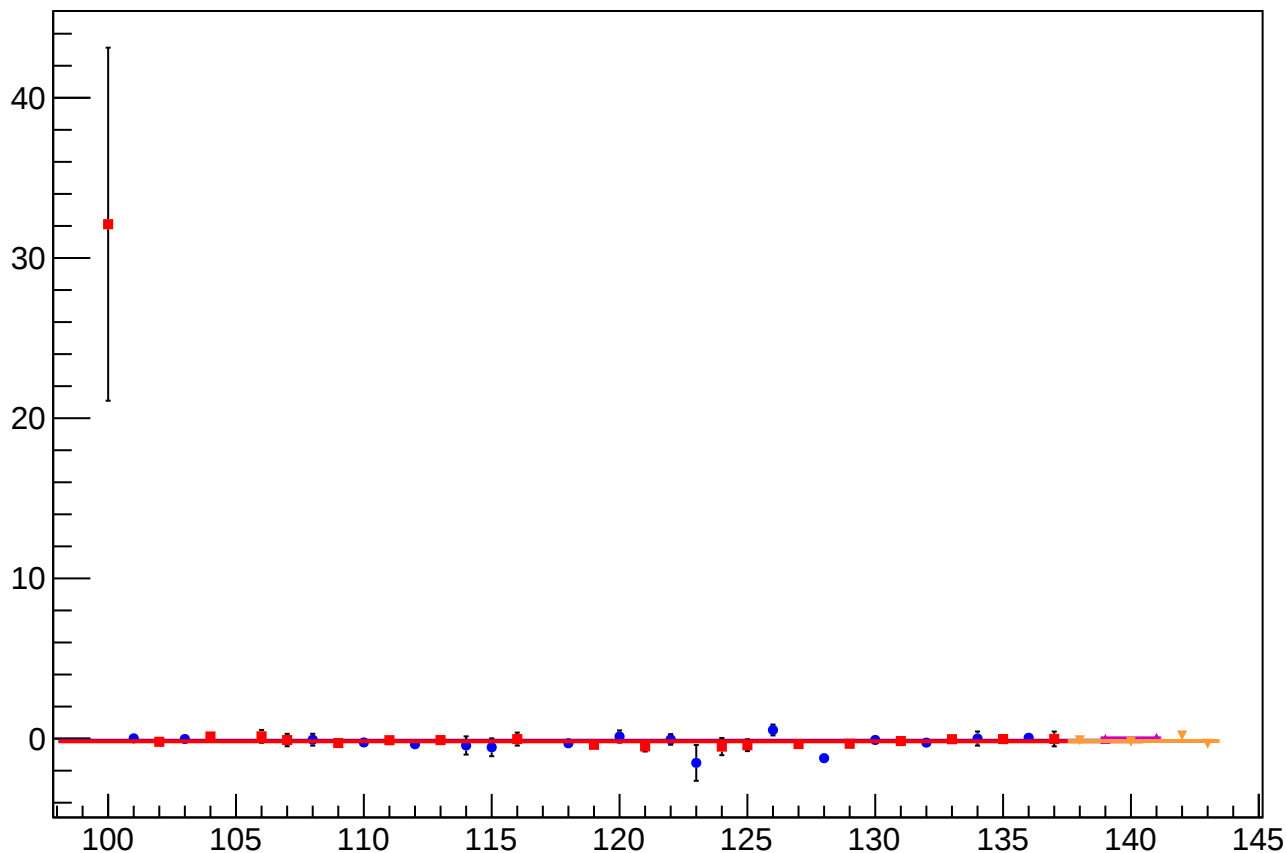
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.036 ± 0.034 χ^2/NDF : 23.5/18

Out: -0.123 ± 0.033 χ^2/NDF : 21.5/22

All: -0.081 ± 0.024 χ^2/NDF : 48.4/41

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: -0.149 ± 0.080 $\chi^2/\text{NDF}: 3.5/3$

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: -0.087 ± 0.063 $\chi^2/\text{NDF}: 5.3/5$

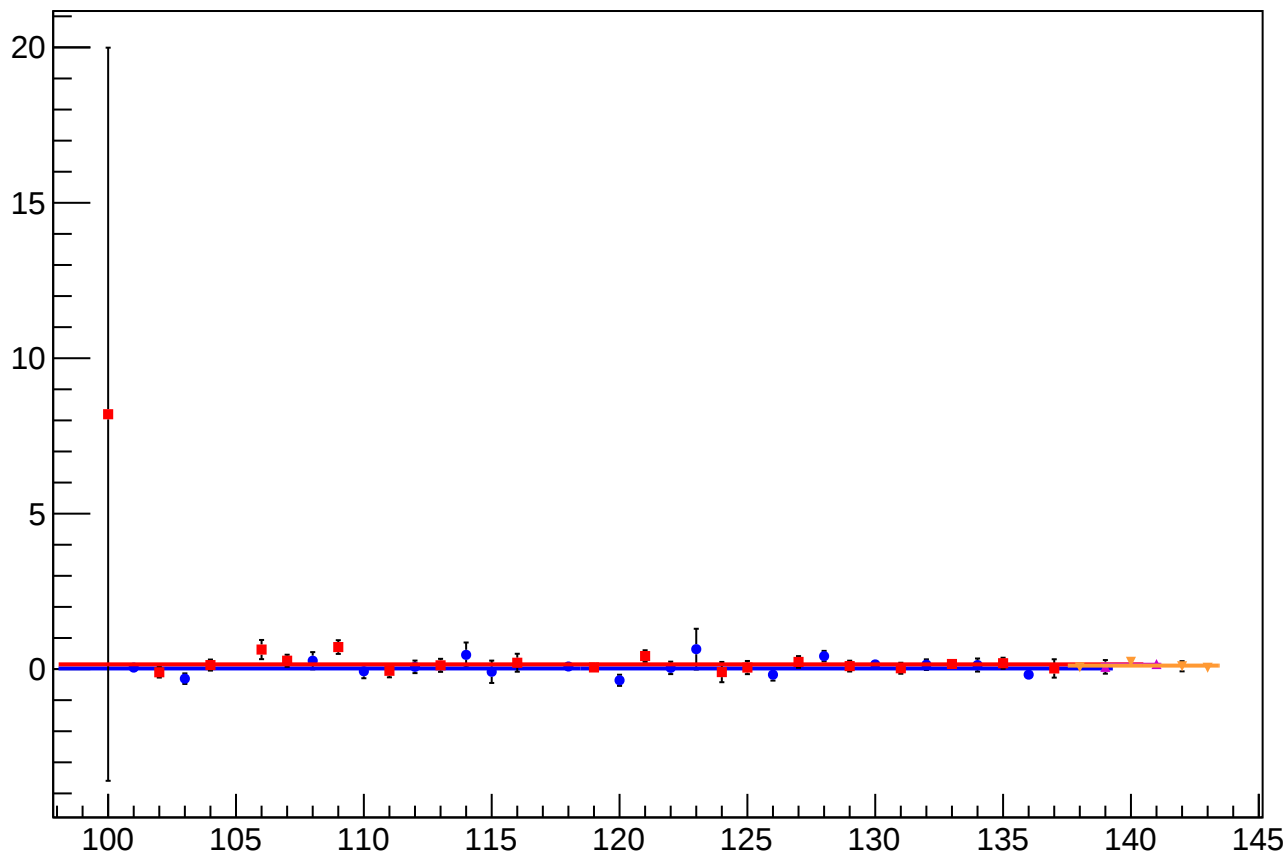
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 40.6/35$

In: -0.089 ± 0.056 $\chi^2/\text{NDF}: 27.3/18$

Out: -0.159 ± 0.053 $\chi^2/\text{NDF}: 18.3/22$

All: -0.126 ± 0.039 $\chi^2/\text{NDF}: 46.4/41$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.112 $\pm$ 0.071 χ^2 /NDF:1.3/3

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.139 $\pm$ 0.109 χ^2 /NDF:0.1/1

Left: 0.120 $\pm$ 0.060 χ^2 /NDF: 1.5/5

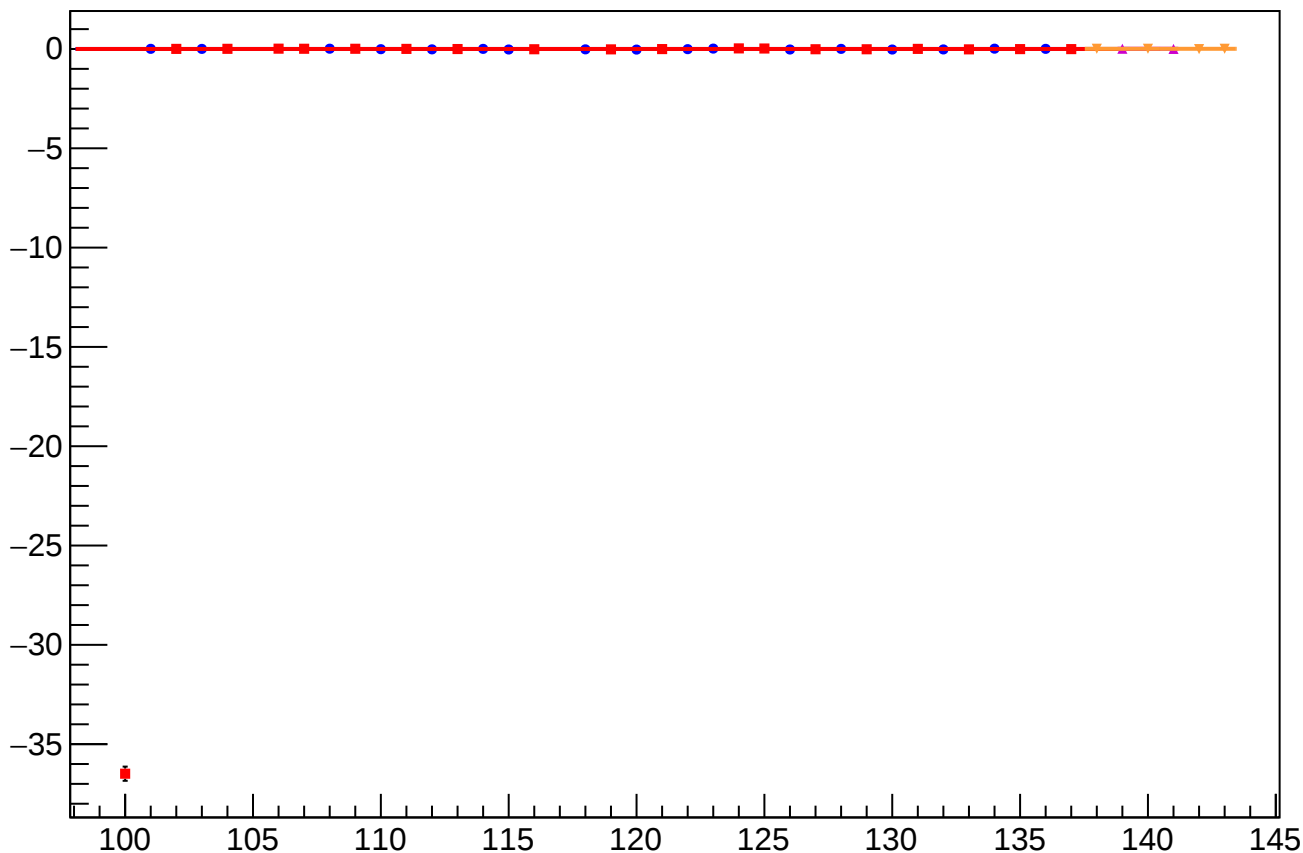
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.036 $\pm$ 0.039 χ^2 /NDF:23.0/18

Out: 0.140 $\pm$ 0.038 χ^2 /NDF:18.8/22

All: 0.089 $\pm$ 0.027 χ^2 /NDF: 45.4/41

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.003 χ^2 /NDF: 3.4/3

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: 0.010 $\pm$ 0.002 χ^2 /NDF: 4.8/5

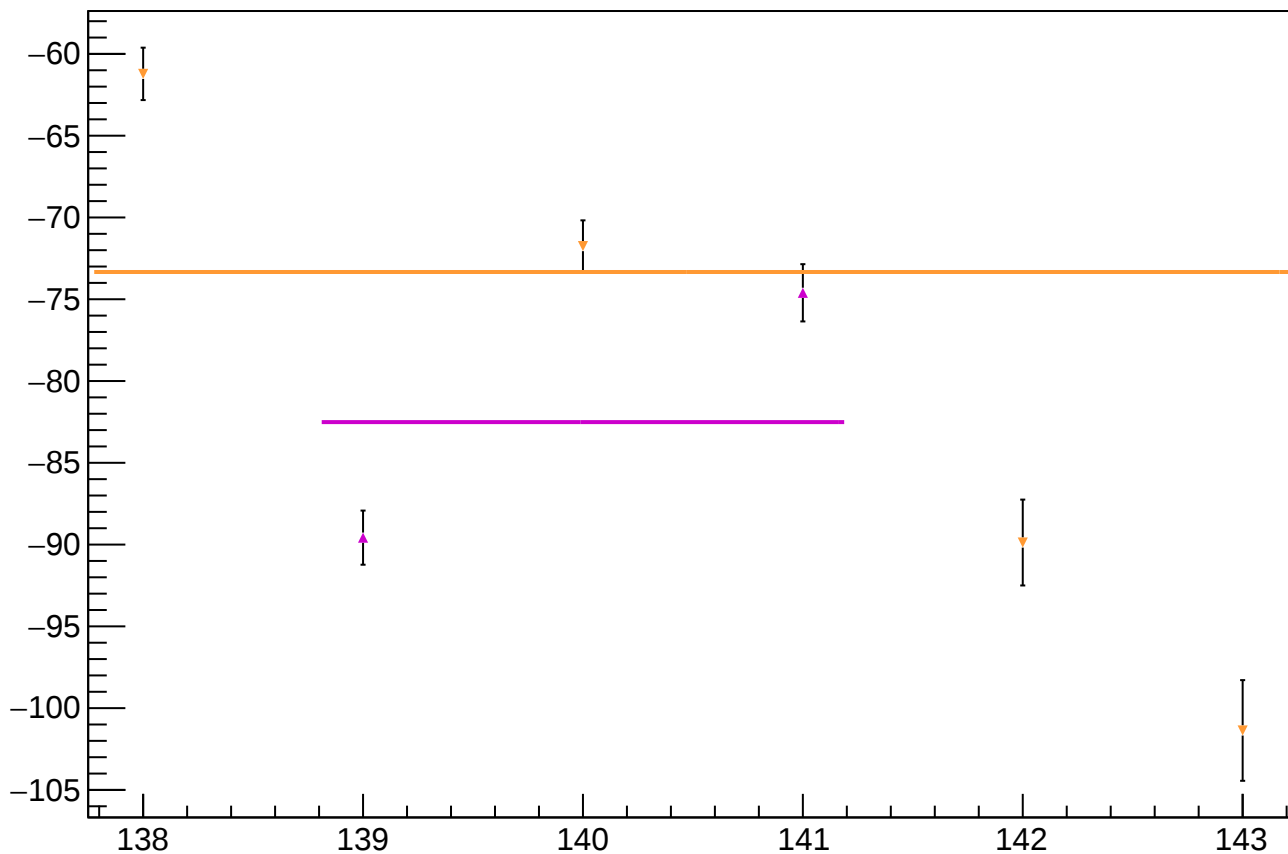
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.003 $\pm$ 0.002 χ^2 /NDF: 37.3/18

Out: 0.004 $\pm$ 0.002 χ^2 /NDF: 10457.4/22

All: 0.003 $\pm$ 0.001 χ^2 /NDF: 10494.7/41

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: -73.334+/-0.979 χ^2/NDF :180.8/3

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: -76.990+/-0.759 χ^2/NDF : 254.5/5

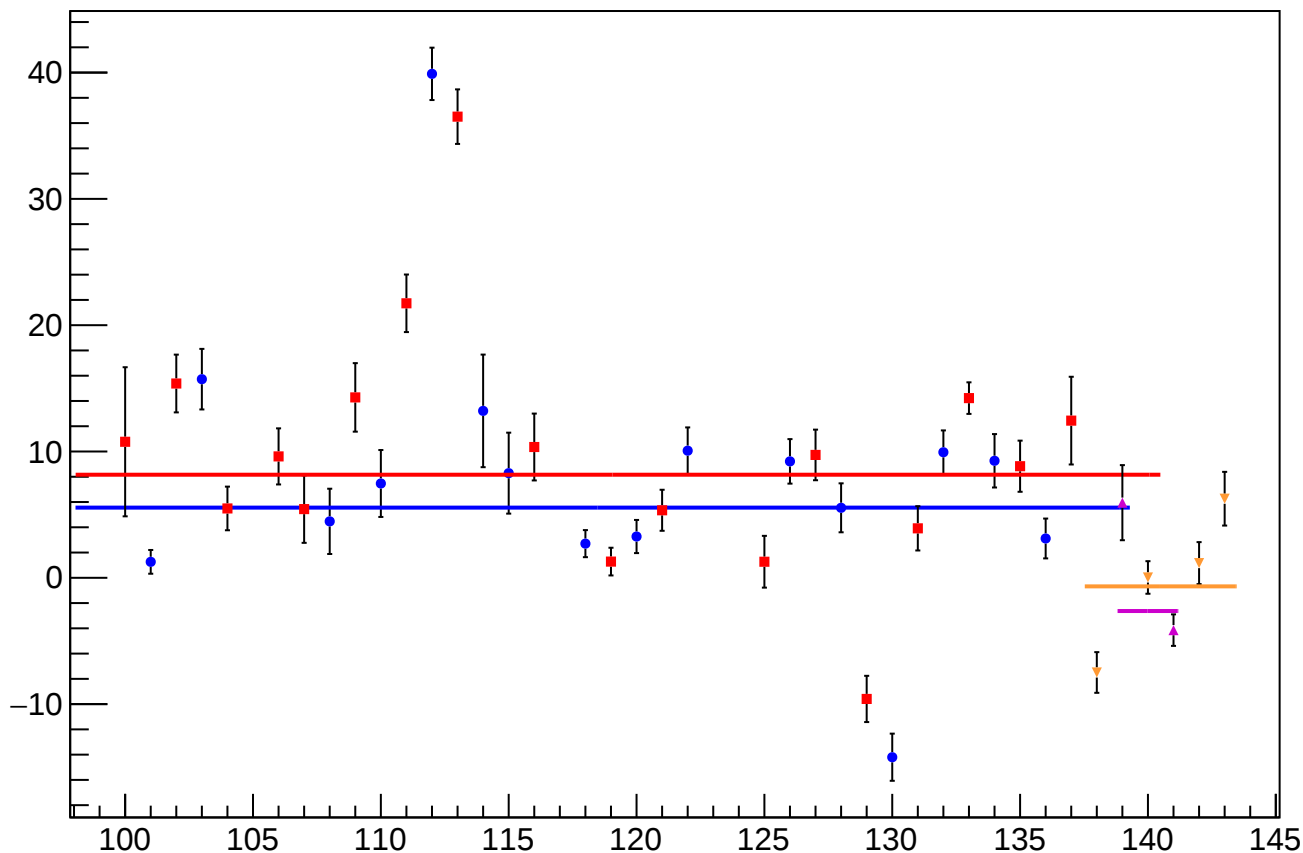
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.512+/-1.203 χ^2/NDF :38.6/1

Out: -73.334+/-0.979 χ^2/NDF :180.8/3

All: -76.990+/-0.759 χ^2/NDF : 254.5/5

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: -0.678 ± 0.798 $\chi^2/\text{NDF}: 30.1/3$

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: -1.311 ± 0.656 $\chi^2/\text{NDF}: 41.8/5$

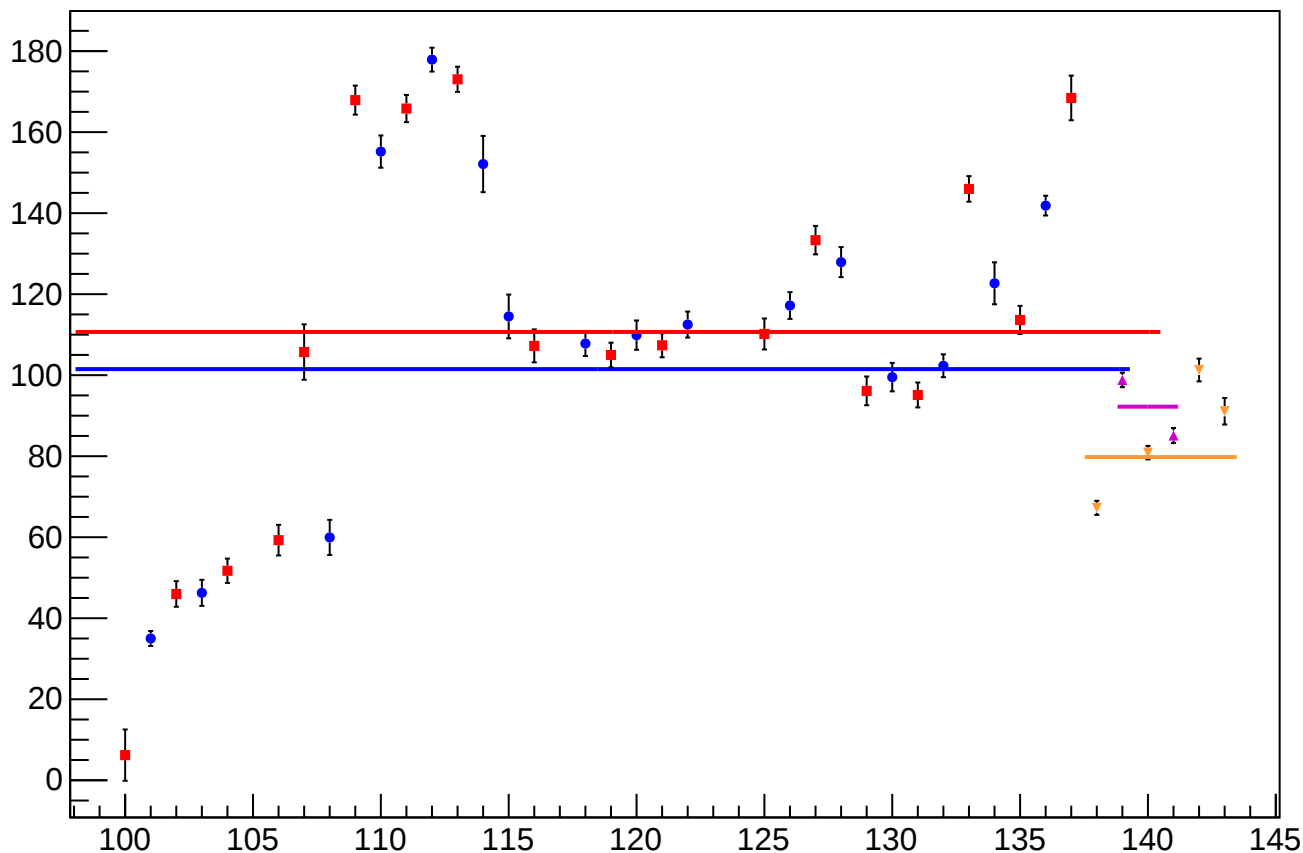
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.579 ± 0.398 $\chi^2/\text{NDF}: 516.3/17$

Out: 6.007 ± 0.394 $\chi^2/\text{NDF}: 529.9/21$

All: 5.300 ± 0.280 $\chi^2/\text{NDF}: 1052.7/39$

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: 79.789 $\pm$ 1.050 χ^2 /NDF:122.9/3

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 92.227 $\pm$ 1.291 χ^2 /NDF:28.2/1

Left: 84.740 $\pm$ 0.815 χ^2 /NDF: 207.0/5

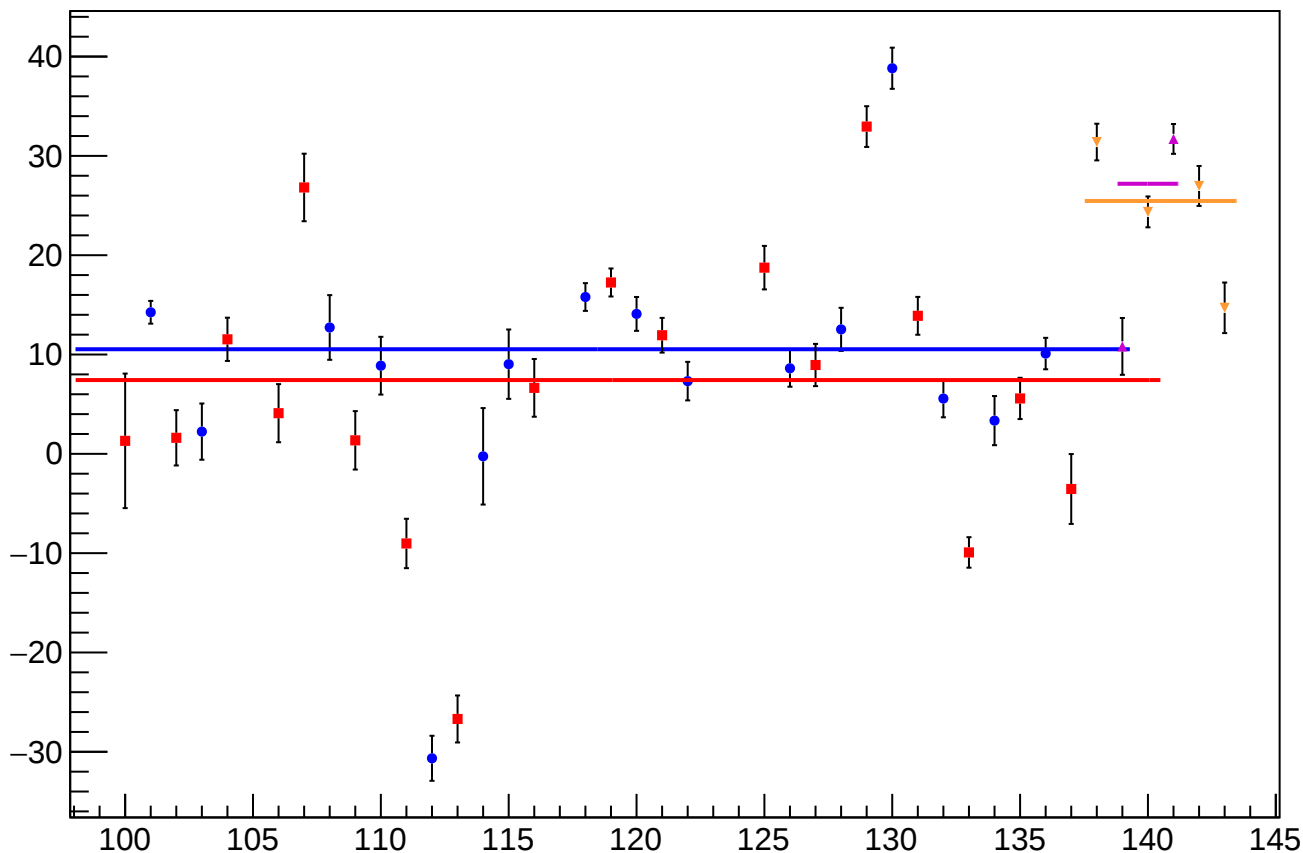
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 98.886 $\pm$ 0.685 χ^2 /NDF:3038.2/17

Out: 98.691 $\pm$ 0.654 χ^2 /NDF:3166.1/21

All: 98.784 $\pm$ 0.473 χ^2 /NDF: 6204.4/39

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: 25.462 $\pm$ 0.950 χ^2 /NDF: 29.3/3

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: 26.046 $\pm$ 0.773 χ^2 /NDF: 72.2/5

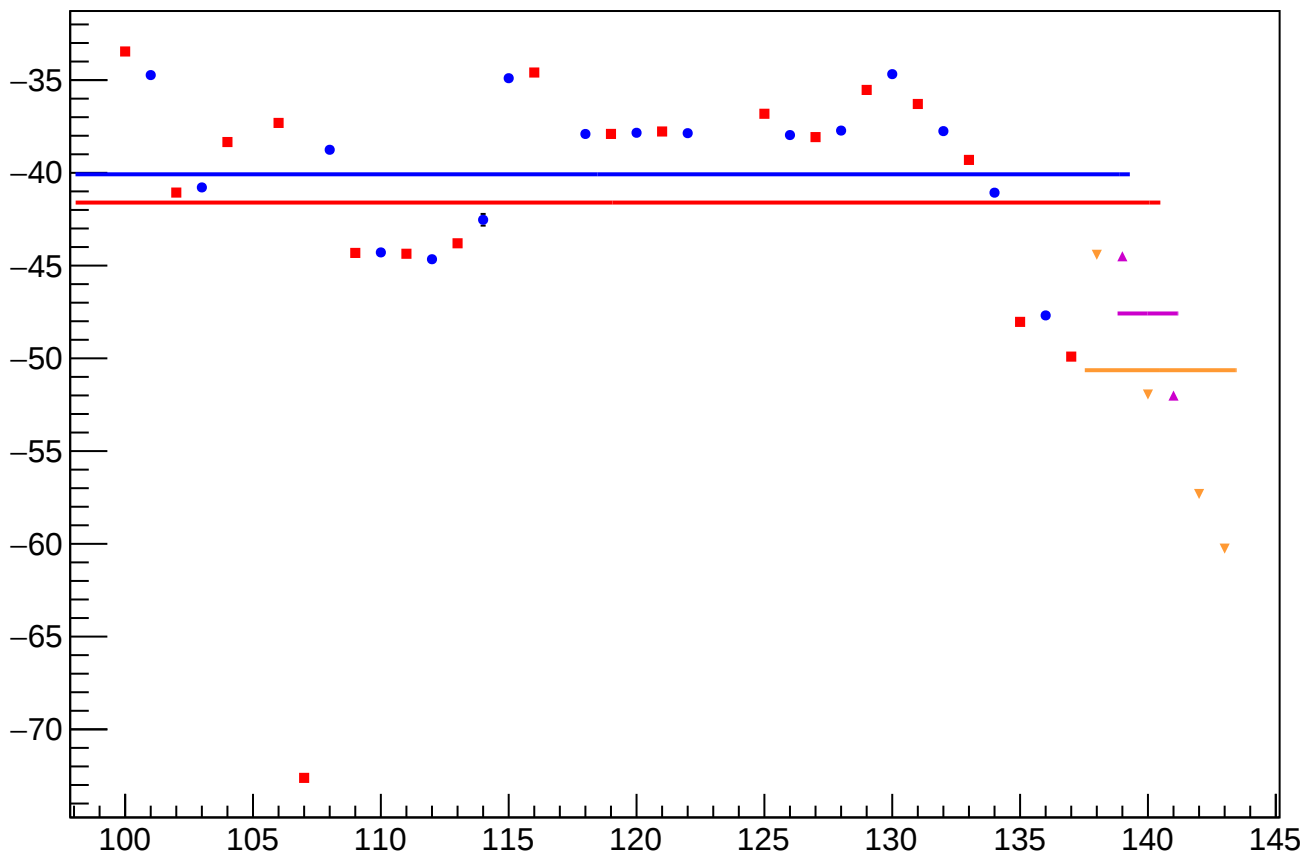
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 12.543 $\pm$ 0.462 χ^2 /NDF: 760.1/17

Out: 11.631 $\pm$ 0.458 χ^2 /NDF: 991.5/21

All: 12.083 $\pm$ 0.325 χ^2 /NDF: 1753.5/39

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: -50.640 ± 0.043 χ^2/NDF : 17328.0/3

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: -49.278 ± 0.032 χ^2/NDF : 25400.7/5

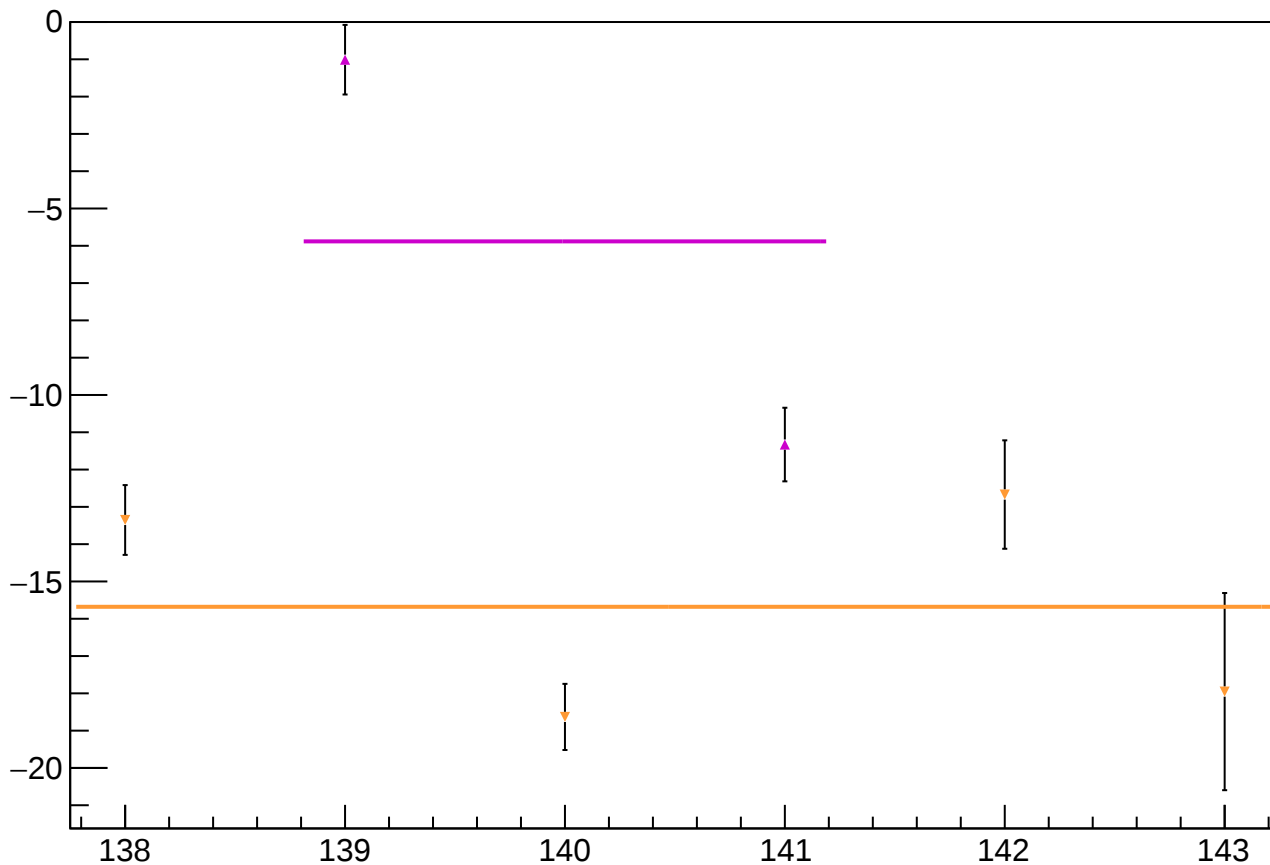
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -41.988 ± 0.024 χ^2/NDF : 48980.7/17

Out: -44.346 ± 0.024 χ^2/NDF : 109563.6/21

All: -43.193 ± 0.017 χ^2/NDF : 163328.1/39

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.679+/-0.574 χ^2/NDF :22.3/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.882+/-0.678 χ^2/NDF :57.7/1

Left: -11.585+/-0.438 χ^2/NDF : 201.6/5

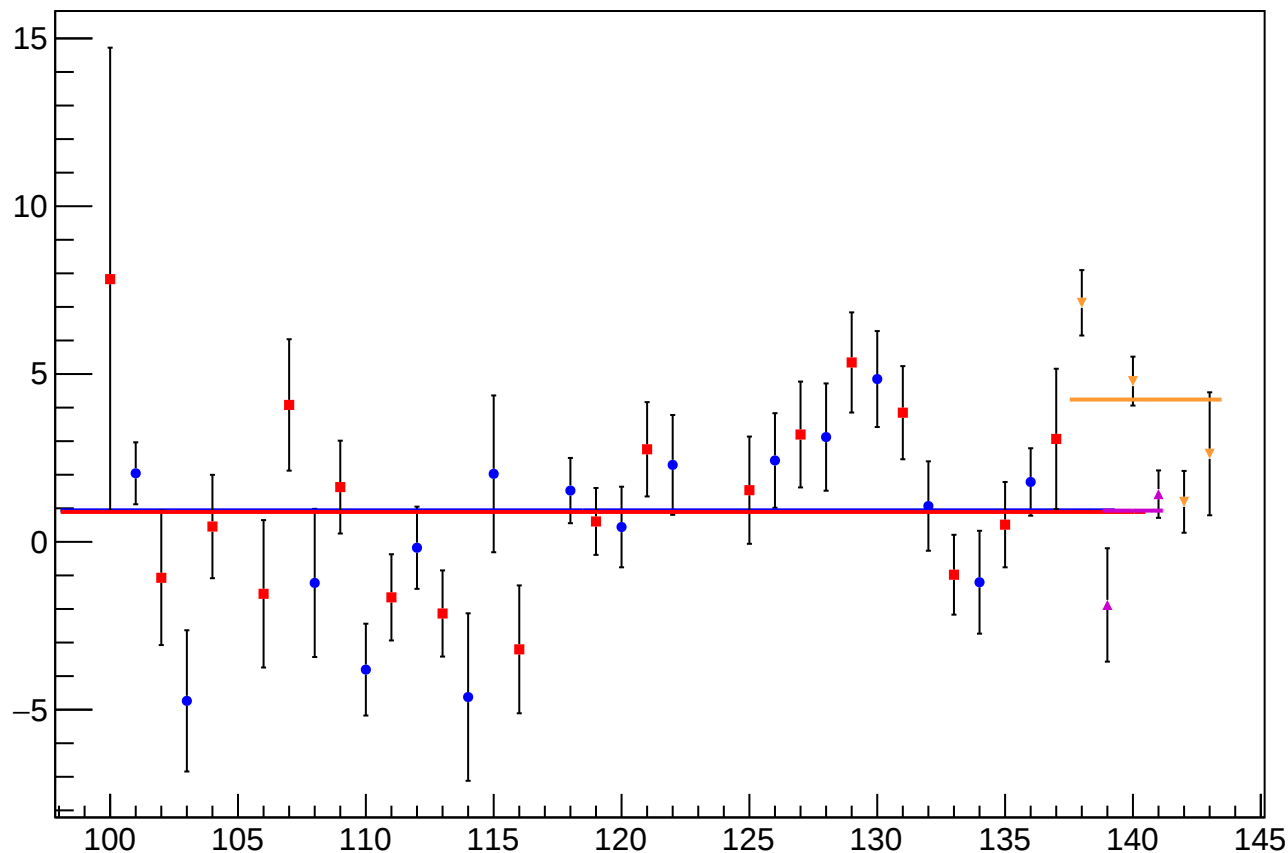
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.882+/-0.678 χ^2/NDF :57.7/1

Out: -15.679+/-0.574 χ^2/NDF :22.3/3

All: -11.585+/-0.438 χ^2/NDF : 201.6/5

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 $\pm$ 0.339 χ^2/NDF : 42.2/15

Left Out: 4.240 $\pm$ 0.476 χ^2/NDF : 21.0/3

Right Out: 0.891 $\pm$ 0.354 χ^2/NDF : 41.6/17

Left In: 0.931 $\pm$ 0.652 χ^2/NDF : 3.3/1

Left: 3.088 $\pm$ 0.384 χ^2/NDF : 41.1/5

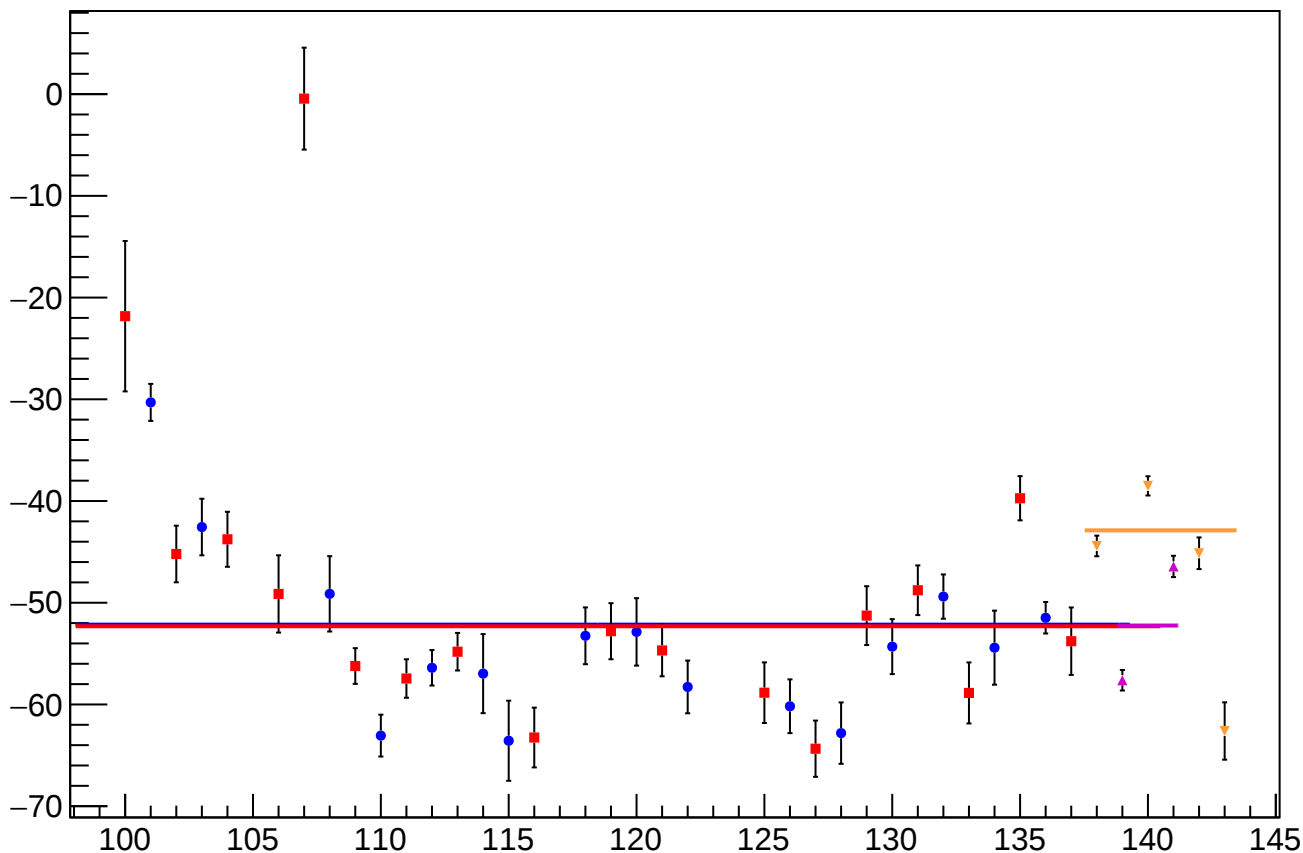
Right: 0.916 $\pm$ 0.245 χ^2/NDF : 83.8/33

In: 0.938 $\pm$ 0.301 χ^2/NDF : 45.5/17

Out: 2.081 $\pm$ 0.284 χ^2/NDF : 94.5/21

All: 1.542 $\pm$ 0.206 χ^2/NDF : 147.6/39

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: -42.884 ± 0.616 χ^2/NDF : 74.8/3

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: -46.795 ± 0.470 χ^2/NDF : 230.1/5

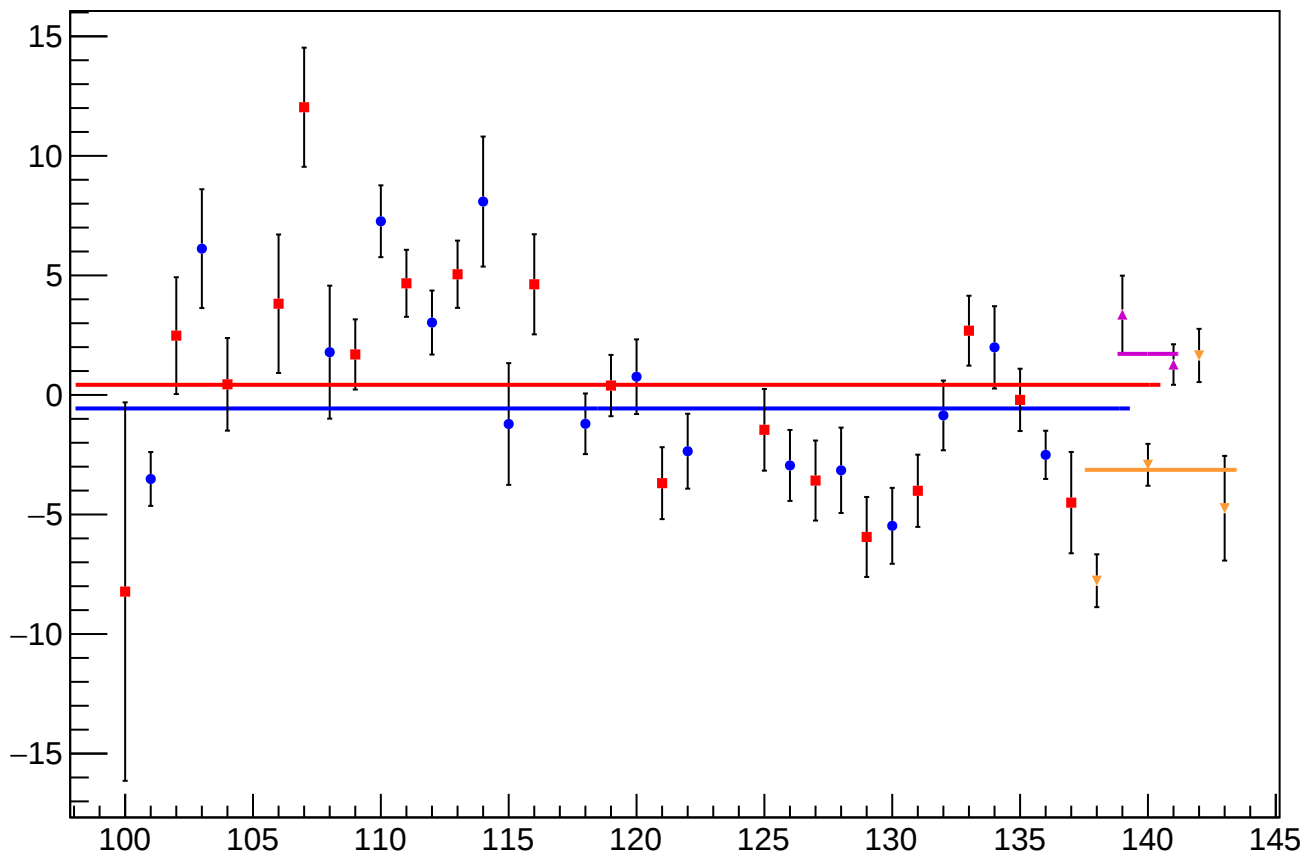
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.190 ± 0.469 χ^2/NDF : 290.1/17

Out: -47.602 ± 0.436 χ^2/NDF : 426.6/21

All: -49.728 ± 0.319 χ^2/NDF : 768.1/39

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: -3.133 ± 0.565 χ^2/NDF : 36.7/3

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: -1.383 ± 0.452 χ^2/NDF : 64.6/5

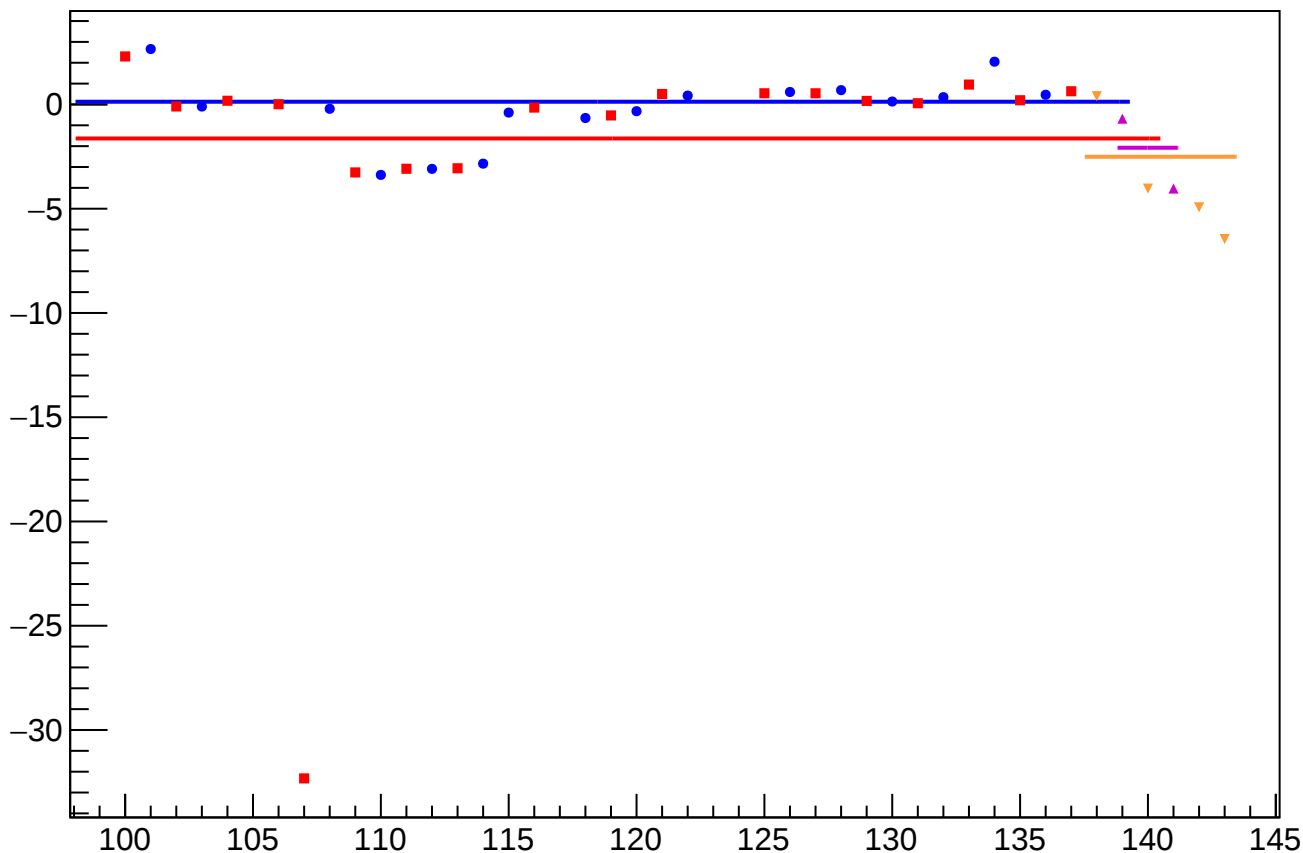
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: -0.092 ± 0.342 χ^2/NDF : 90.5/17

Out: -0.763 ± 0.326 χ^2/NDF : 158.4/21

All: -0.444 ± 0.236 χ^2/NDF : 250.9/39

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$

Left Out: -2.508 ± 0.025 $\chi^2/\text{NDF}: 9470.3/3$

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: -2.308 ± 0.019 $\chi^2/\text{NDF}: 13273.8/5$

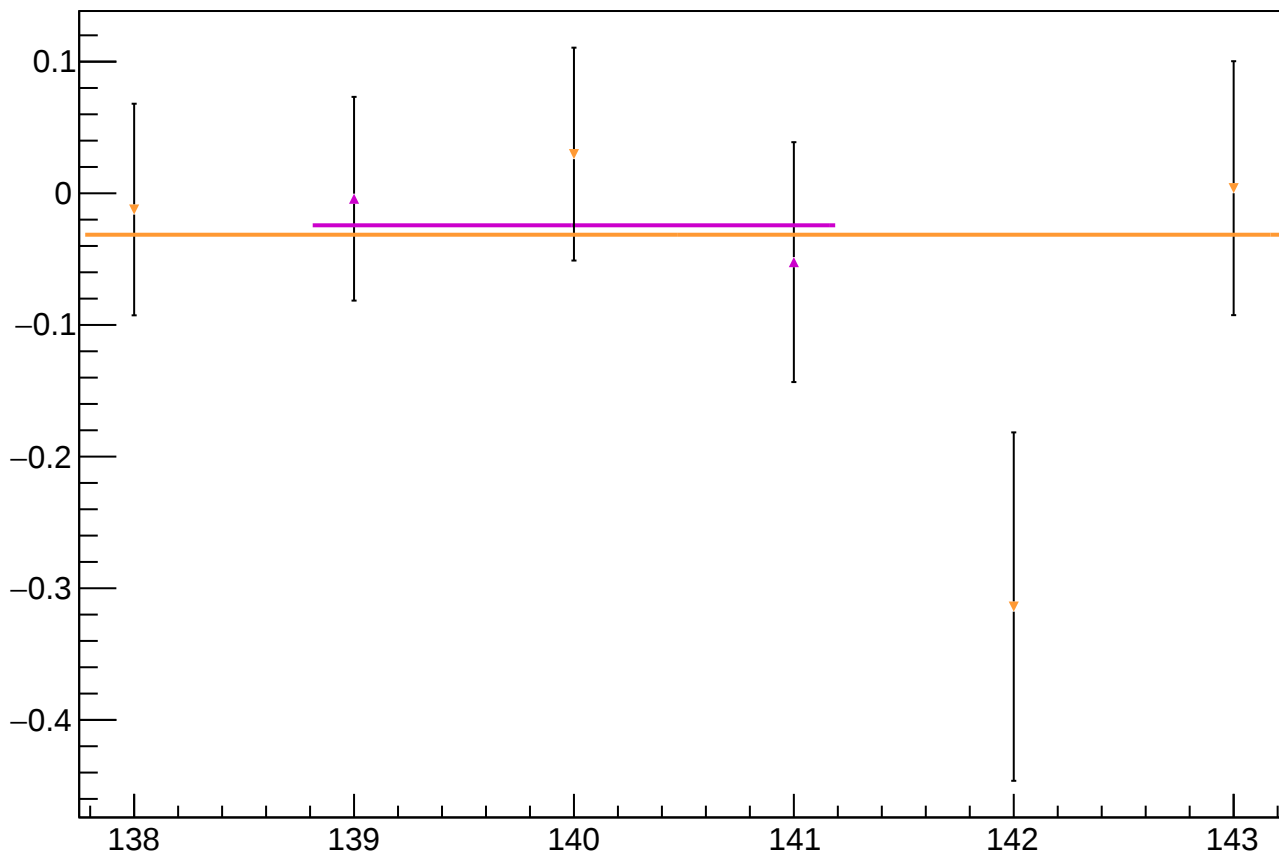
Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$

In: -0.717 ± 0.017 $\chi^2/\text{NDF}: 12939.8/17$

Out: -2.005 ± 0.017 $\chi^2/\text{NDF}: 88033.1/21$

All: -1.376 ± 0.012 $\chi^2/\text{NDF}: 103950.2/39$

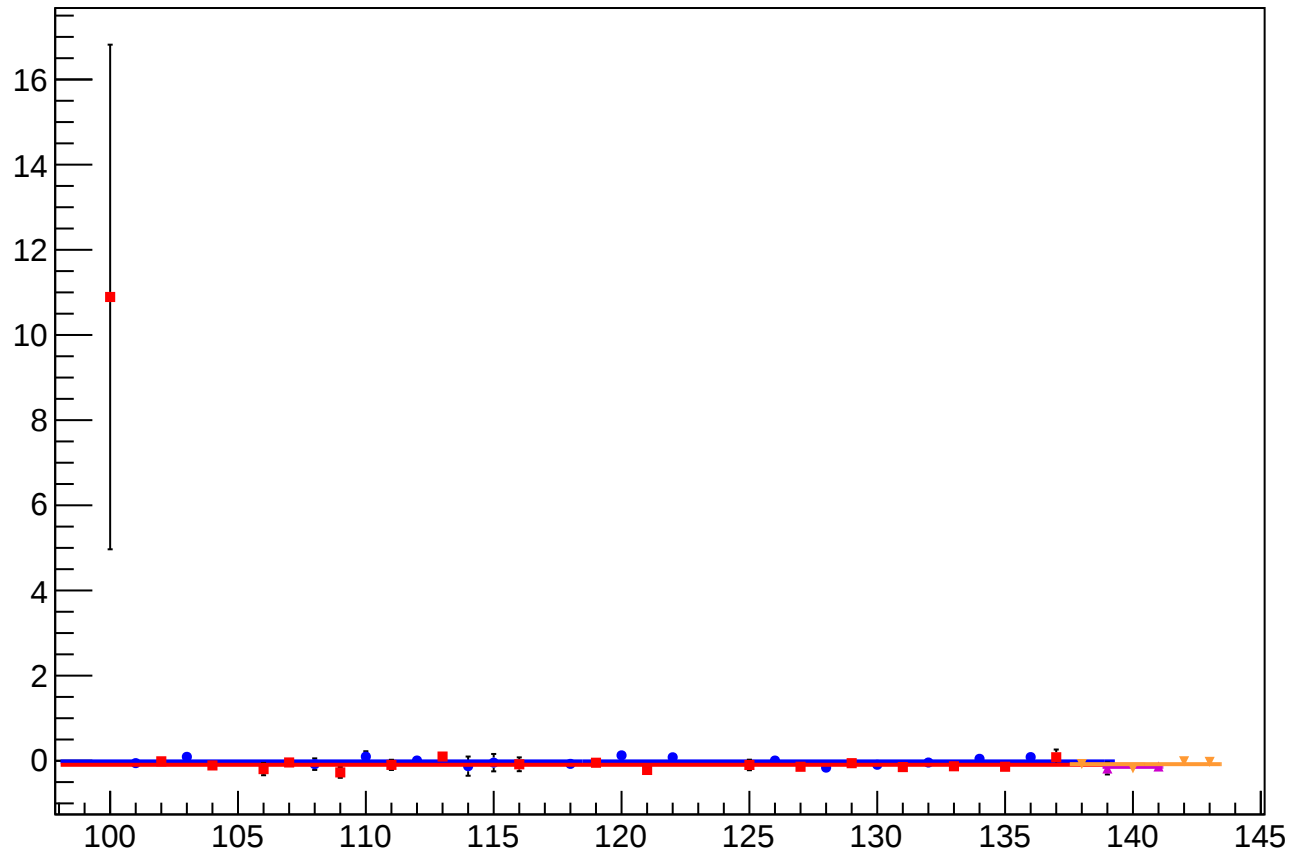
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.031 $\pm$ 0.046 χ^2 /NDF: 5.3/3
 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: -0.029 $\pm$ 0.036 χ^2 /NDF: 5.5/5
 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: -0.031 $\pm$ 0.046 χ^2 /NDF: 5.3/3
 All: -0.029 $\pm$ 0.036 χ^2 /NDF: 5.5/5

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.023 χ^2/NDF : 12.5/15

Left Out: -0.079 $\pm$ 0.037 χ^2/NDF : 3.4/3

Right Out: -0.093 $\pm$ 0.025 χ^2/NDF : 13.5/17

Left In: -0.142 $\pm$ 0.059 χ^2/NDF : 0.1/1

Left: -0.097 $\pm$ 0.031 χ^2/NDF : 4.3/5

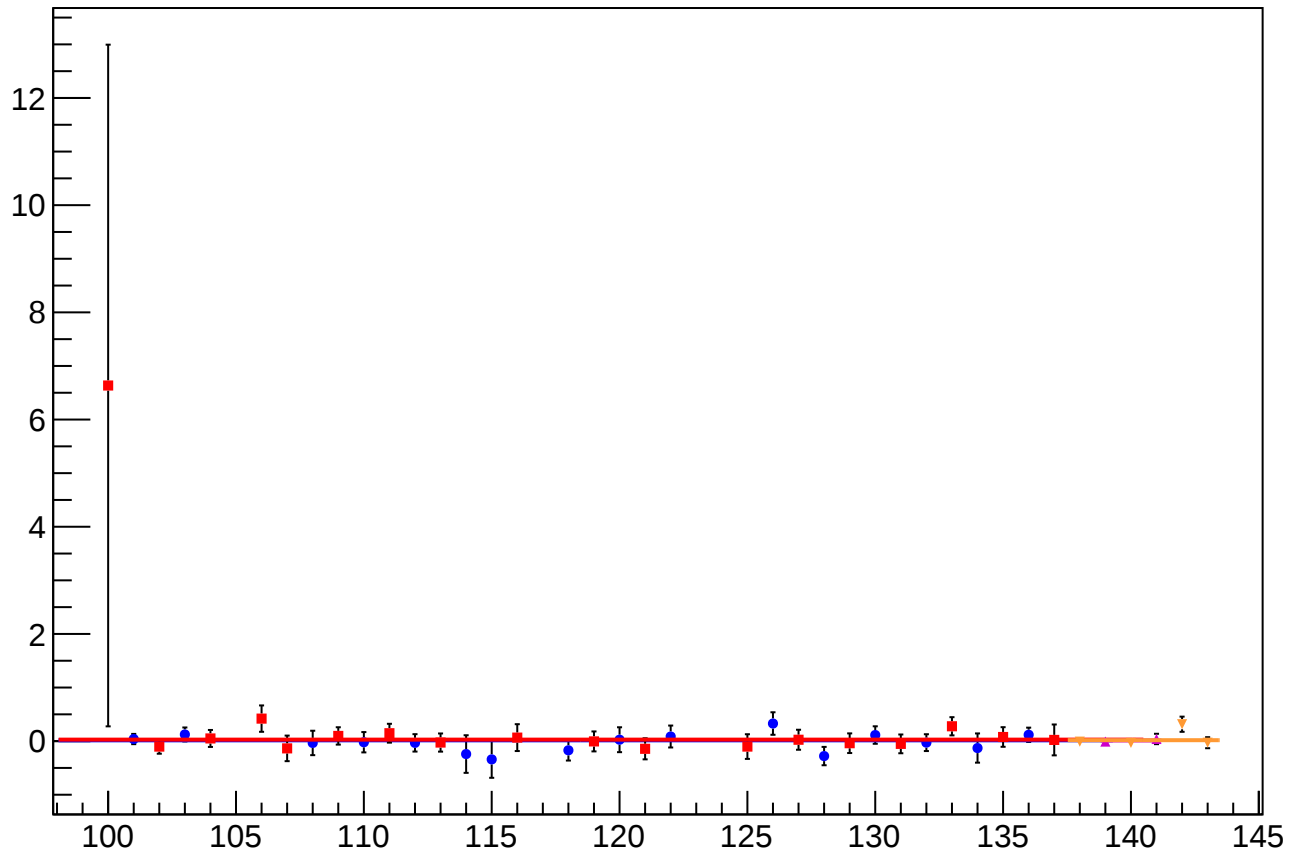
Right: -0.051 $\pm$ 0.017 χ^2/NDF : 31.5/33

In: -0.031 $\pm$ 0.022 χ^2/NDF : 16.6/17

Out: -0.089 $\pm$ 0.021 χ^2/NDF : 17.1/21

All: -0.062 $\pm$ 0.015 χ^2/NDF : 37.4/39

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.018+/-0.049 χ^2/NDF : 5.1/3

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.013+/-0.063 χ^2/NDF : 0.1/1

Left: 0.016+/-0.039 χ^2/NDF : 5.2/5

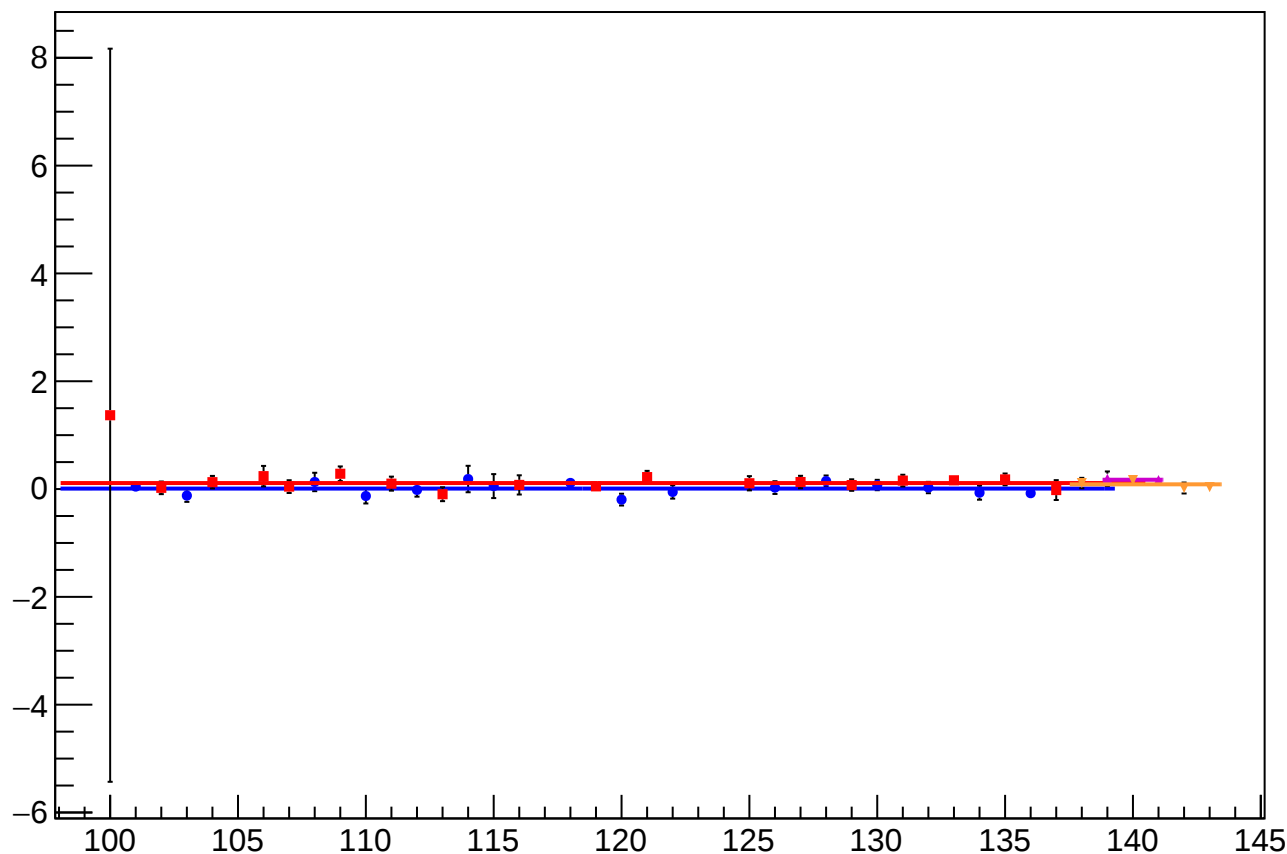
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.014+/-0.035 χ^2/NDF : 10.2/17

Out: 0.023+/-0.033 χ^2/NDF : 14.6/21

All: 0.019+/-0.024 χ^2/NDF : 24.9/39

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: 0.088+/-0.044 χ^2/NDF : 1.9/3

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: 0.113+/-0.037 χ^2/NDF : 3.0/5

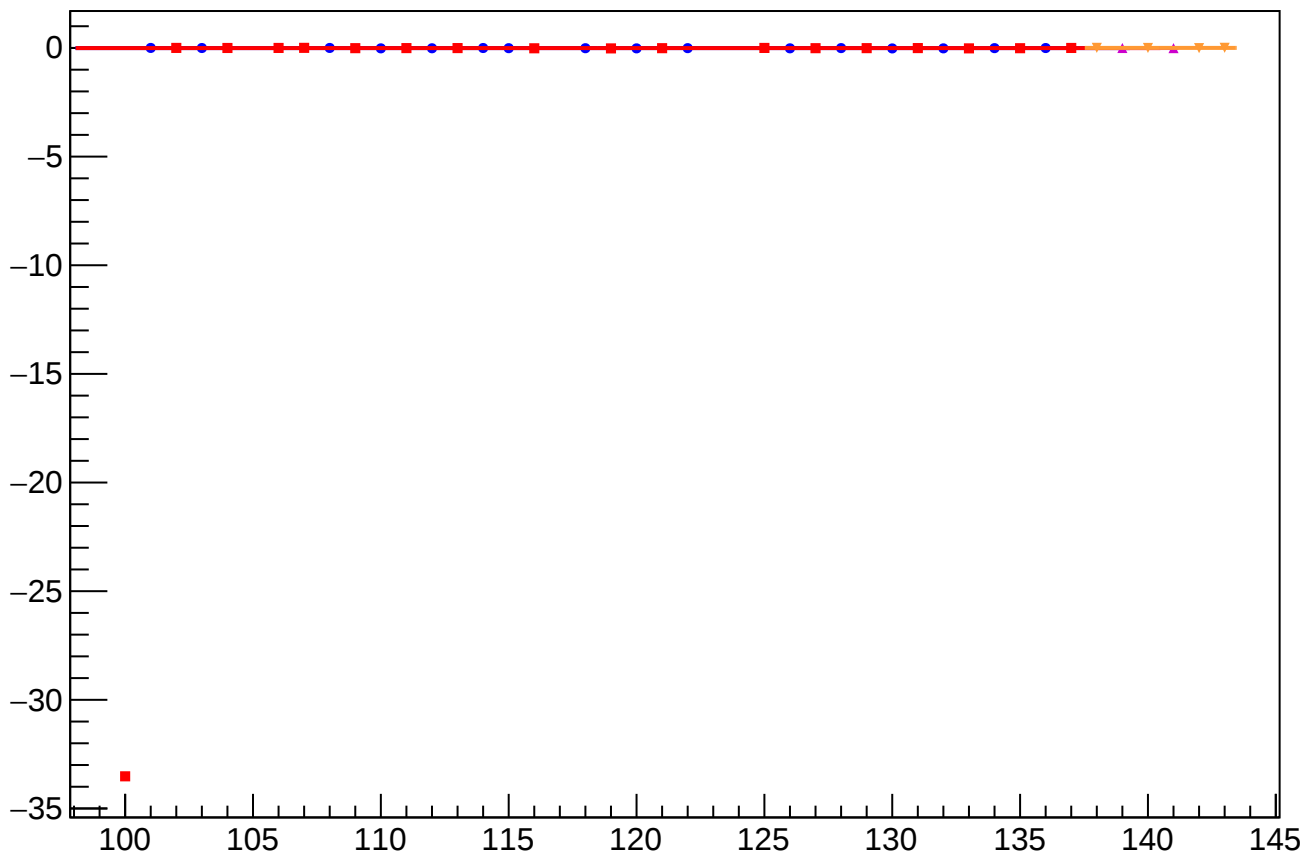
Right: 0.057+/-0.020 χ^2/NDF : 28.0/33

In: 0.031+/-0.025 χ^2/NDF : 17.7/17

Out: 0.104+/-0.024 χ^2/NDF : 10.7/21

All: 0.069+/-0.017 χ^2/NDF : 32.9/39

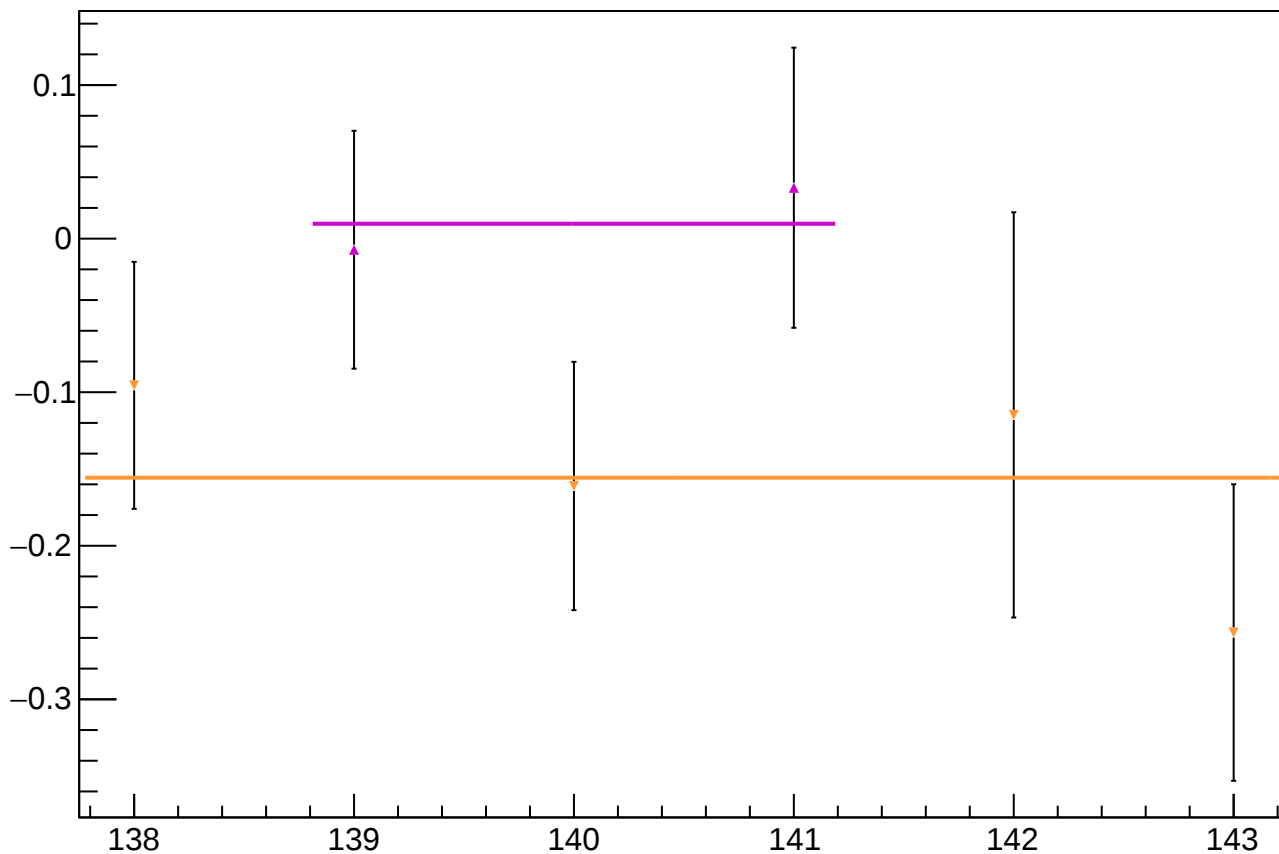
reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15
 Left Out: 0.003 $\pm$ 0.002 χ^2 /NDF:5.5/3
 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: 10.8/5
 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: -0.003 $\pm$ 0.001 χ^2 /NDF:26526.3/21
 All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26552.1/39

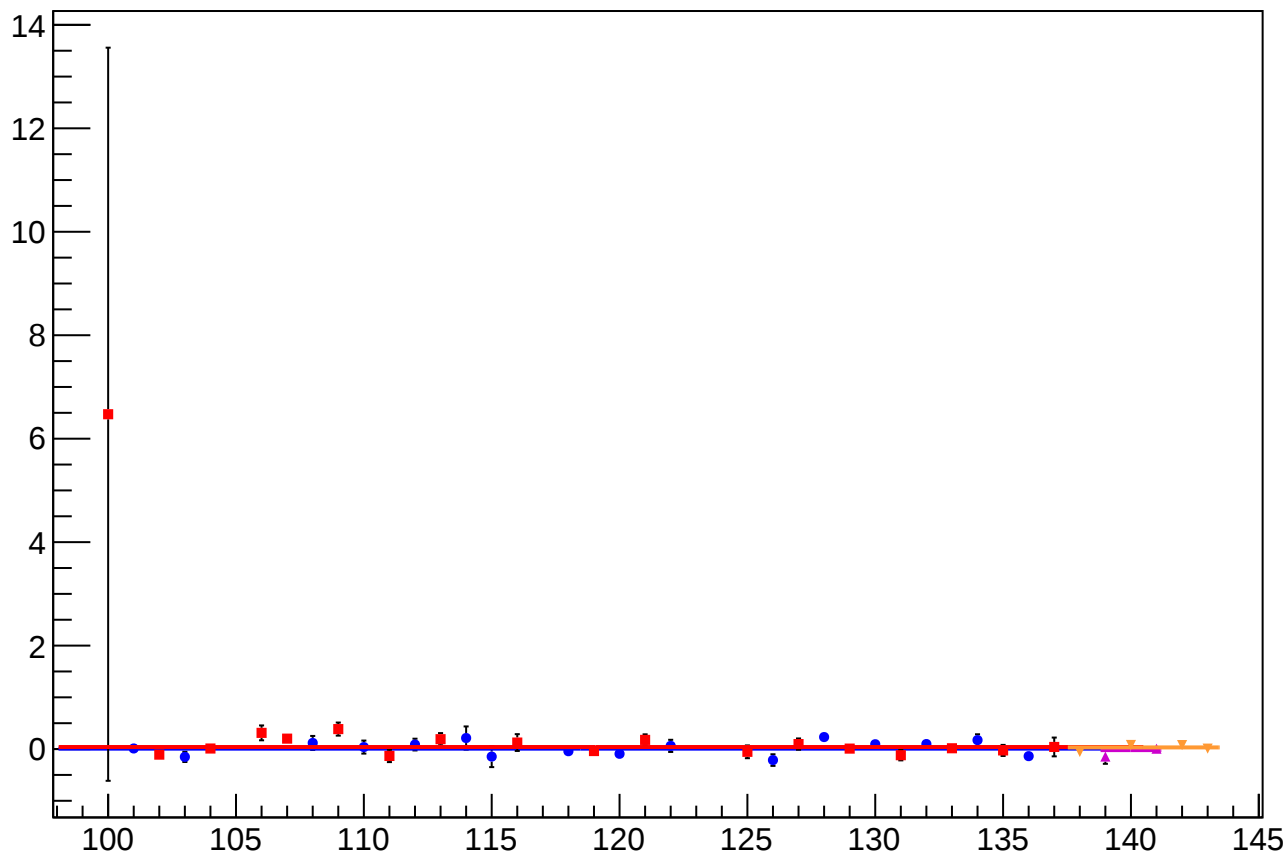
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.156 $\pm$ 0.046 χ^2 /NDF:1.8/3
 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: -0.093 $\pm$ 0.036 χ^2 /NDF: 6.7/5
 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: -0.156 $\pm$ 0.046 χ^2 /NDF:1.8/3
 All: -0.093 $\pm$ 0.036 χ^2 /NDF: 6.7/5

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: 0.032 $\pm$ 0.037 χ^2 /NDF:2.0/3

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: 0.017 $\pm$ 0.032 χ^2 /NDF: 3.5/5

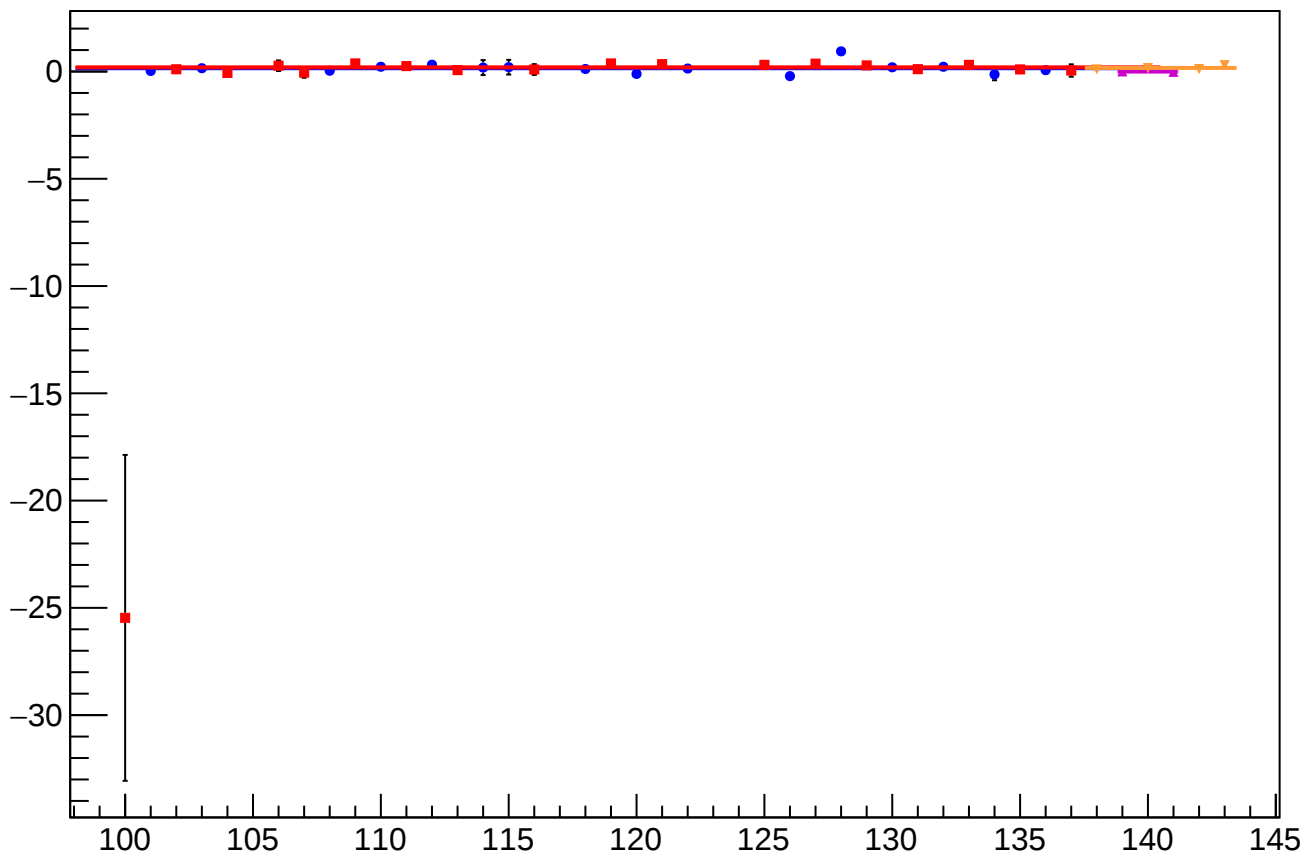
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.004 $\pm$ 0.022 χ^2 /NDF:24.8/17

Out: 0.037 $\pm$ 0.021 χ^2 /NDF:30.4/21

All: 0.022 $\pm$ 0.015 χ^2 /NDF: 56.4/39

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.167 $\pm$ 0.049 χ^2 /NDF: 2.3/3

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: -0.003 $\pm$ 0.063 χ^2 /NDF: 0.0/1

Left: 0.103 $\pm$ 0.039 χ^2 /NDF: 6.7/5

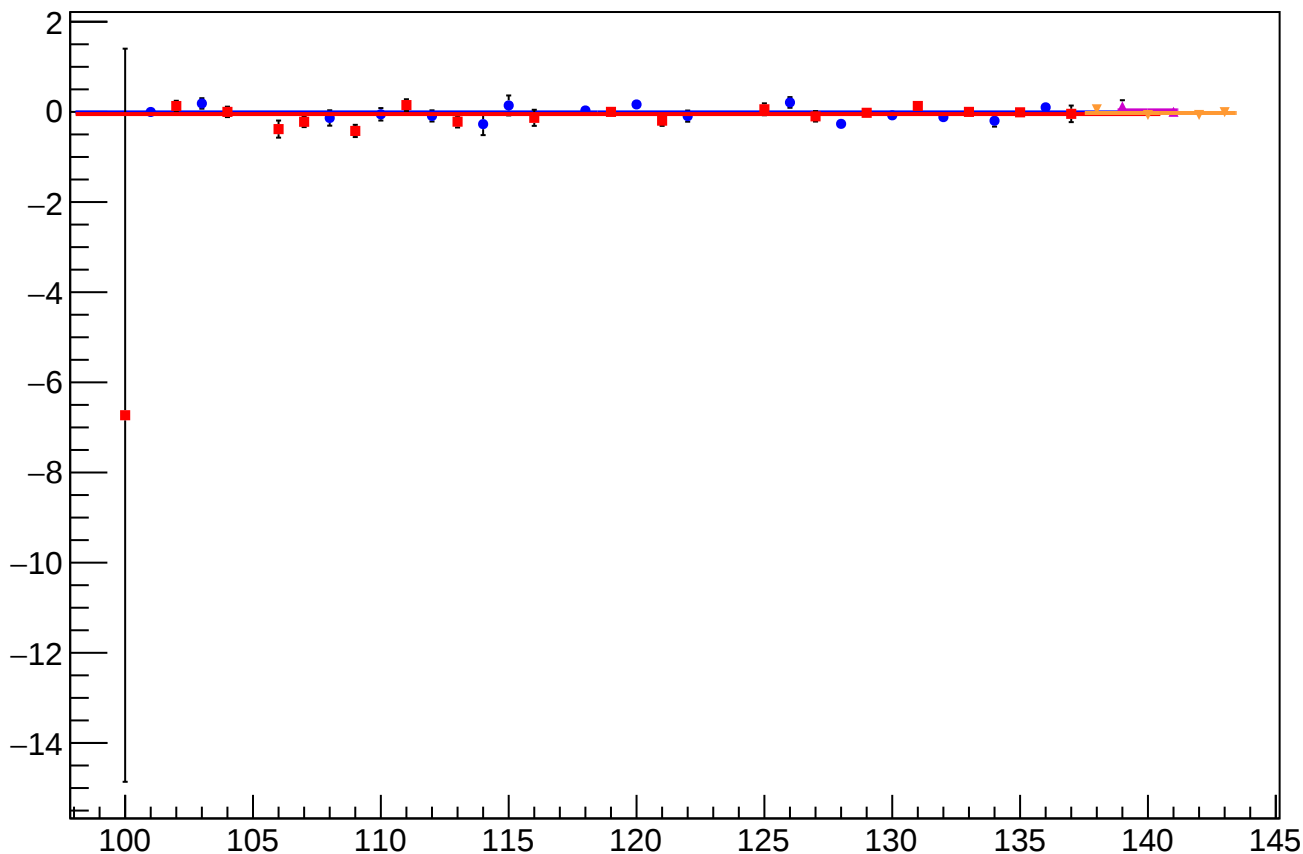
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.105 $\pm$ 0.035 χ^2 /NDF: 34.7/17

Out: 0.181 $\pm$ 0.033 χ^2 /NDF: 24.4/21

All: 0.145 $\pm$ 0.024 χ^2 /NDF: 61.6/39

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.027 χ^2 /NDF: 23.4/15

Left Out: -0.024 $\pm$ 0.044 χ^2 /NDF:1.3/3

Right Out: -0.048 $\pm$ 0.029 χ^2 /NDF: 26.2/17

Left In: 0.034 $\pm$ 0.068 χ^2 /NDF:0.6/1

Left: -0.007 $\pm$ 0.037 χ^2 /NDF: 2.4/5

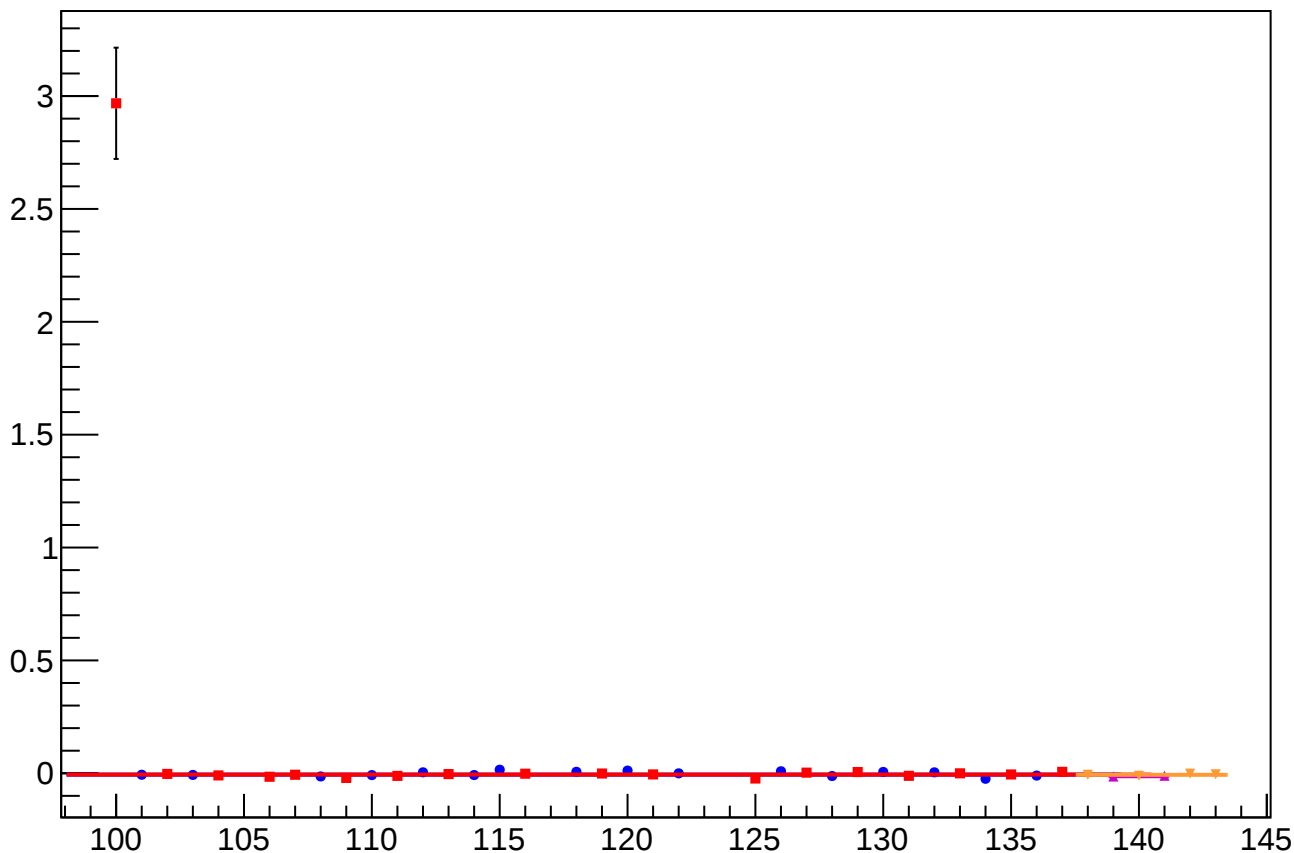
Right: -0.029 $\pm$ 0.020 χ^2 /NDF: 50.6/33

In: -0.005 $\pm$ 0.025 χ^2 /NDF:24.4/17

Out: -0.041 $\pm$ 0.024 χ^2 /NDF:27.7/21

All: -0.024 $\pm$ 0.017 χ^2 /NDF: 53.2/39

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: -0.007 ± 0.002 χ^2/NDF : 2.4/3

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: -0.009 ± 0.002 χ^2/NDF : 7.0/5

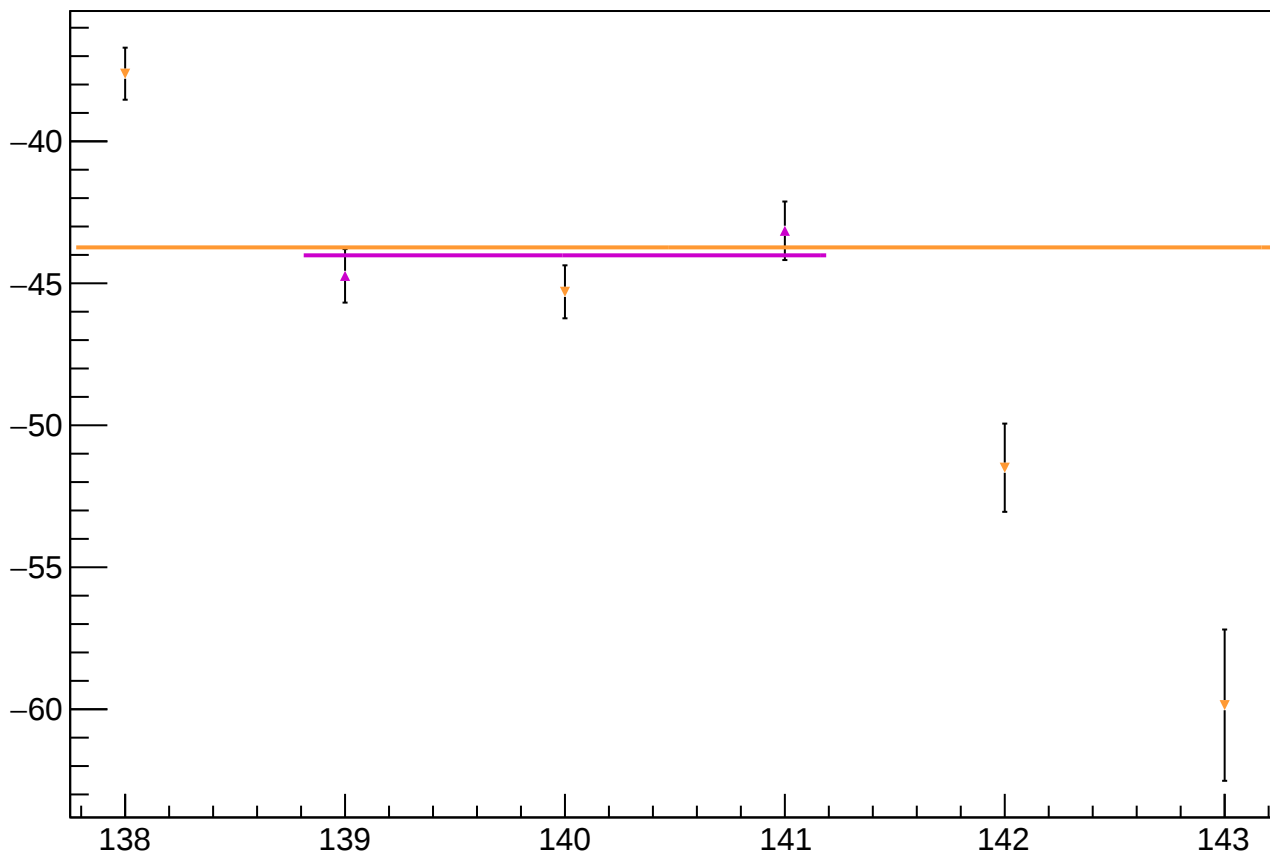
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.008 ± 0.001 χ^2/NDF : 35.9/17

Out: -0.006 ± 0.001 χ^2/NDF : 167.8/21

All: -0.007 ± 0.001 χ^2/NDF : 204.7/39

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: -43.735 ± 0.588 χ^2/NDF : 108.9/3

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -44.015 ± 0.695 χ^2/NDF : 1.3/1

Left: -43.852 ± 0.449 χ^2/NDF : 110.3/5

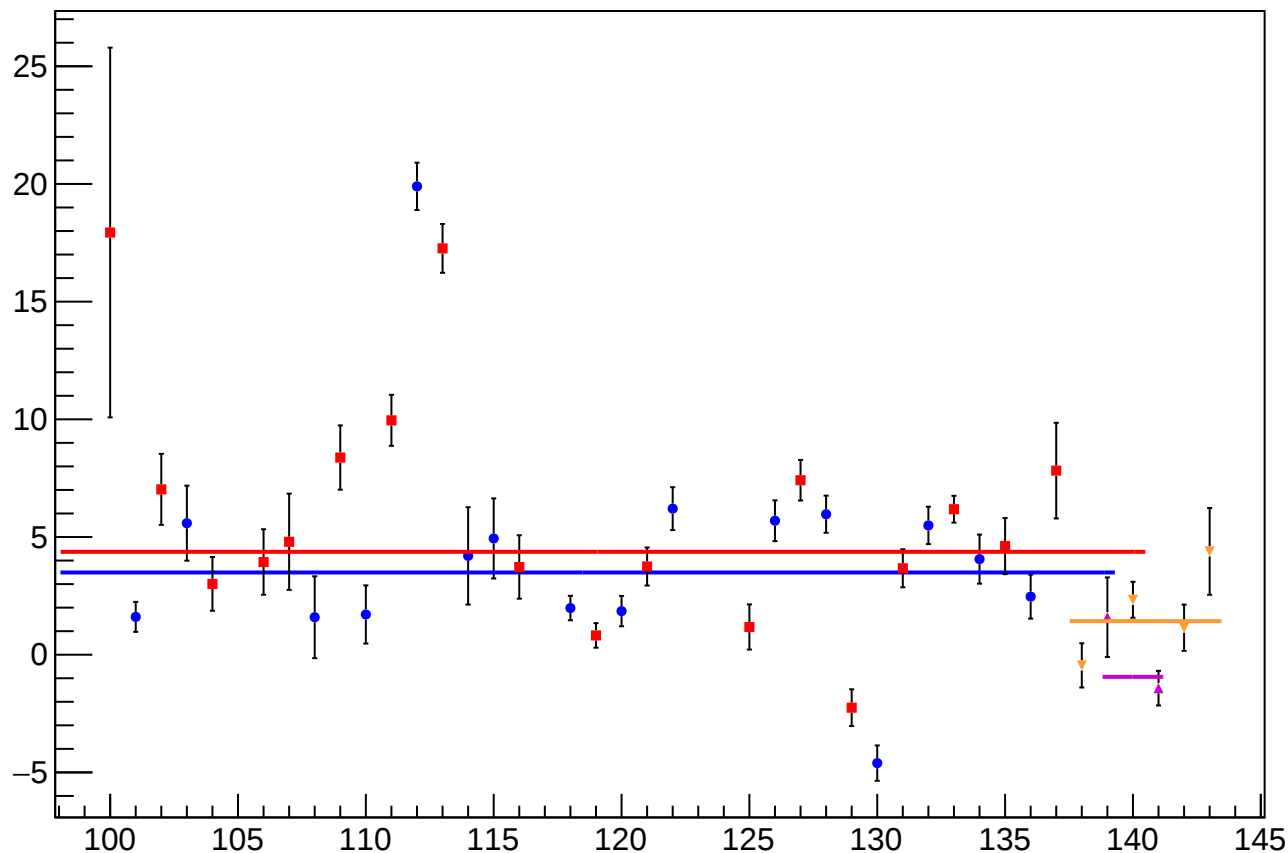
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -44.015 ± 0.695 χ^2/NDF : 1.3/1

Out: -43.735 ± 0.588 χ^2/NDF : 108.9/3

All: -43.852 ± 0.449 χ^2/NDF : 110.3/5

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.427 ± 0.490 $\chi^2/\text{NDF}: 8.1/3$

Right Out: 4.372 ± 0.225 $\chi^2/\text{NDF}: 354.0/17$

Left In: -0.941 ± 0.674 $\chi^2/\text{NDF}: 2.7/1$

Left: 0.610 ± 0.396 $\chi^2/\text{NDF}: 18.8/5$

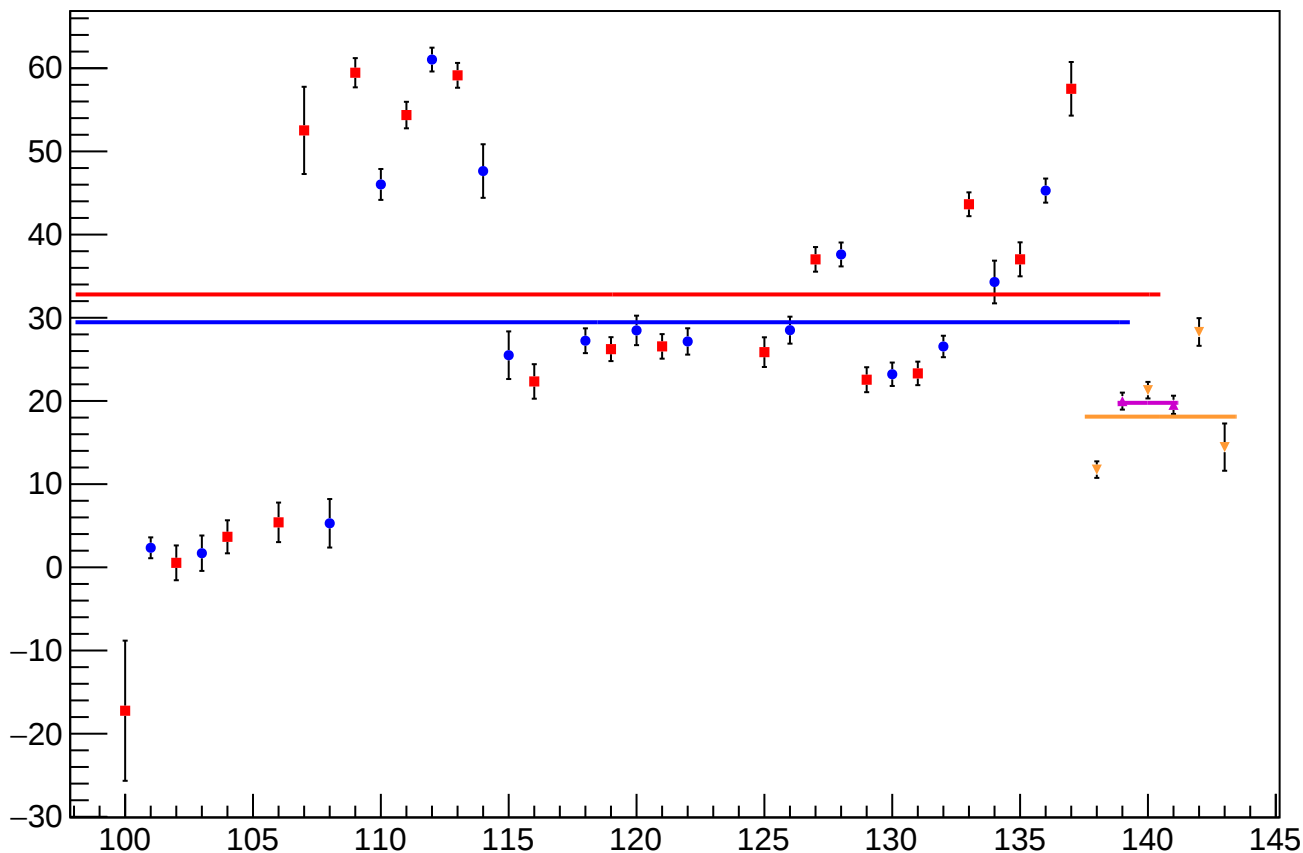
Right: 3.918 ± 0.157 $\chi^2/\text{NDF}: 806.7/33$

In: 3.076 ± 0.207 $\chi^2/\text{NDF}: 486.7/17$

Out: 3.857 ± 0.205 $\chi^2/\text{NDF}: 391.9/21$

All: 3.471 ± 0.146 $\chi^2/\text{NDF}: 885.8/39$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 18.115 $\pm$ 0.631 χ^2 /NDF:90.4/3

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 19.774 $\pm$ 0.747 χ^2 /NDF:0.1/1

Left: 18.806 $\pm$ 0.482 χ^2 /NDF: 93.4/5

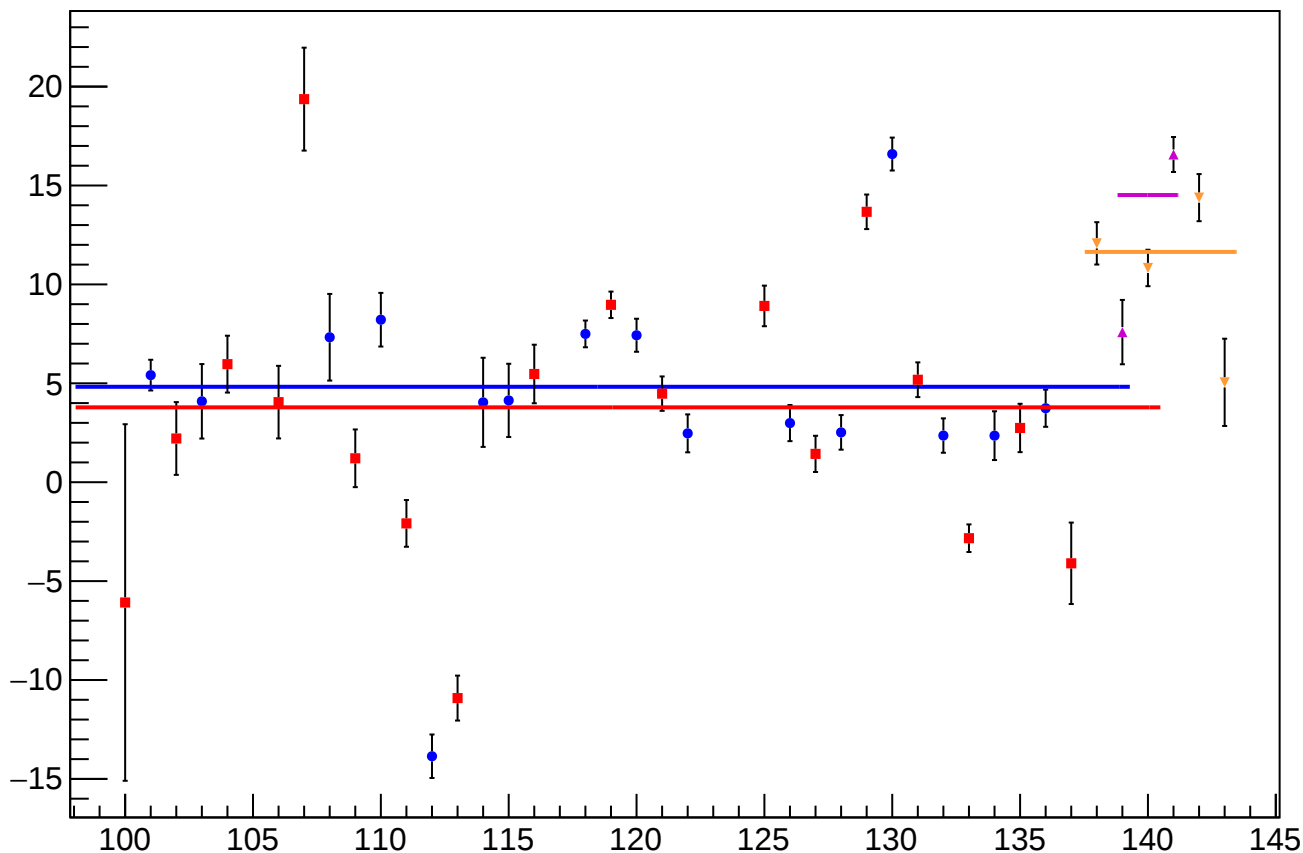
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 27.156 $\pm$ 0.364 χ^2 /NDF:1619.9/17

Out: 28.250 $\pm$ 0.351 χ^2 /NDF:2124.1/21

All: 27.723 $\pm$ 0.253 χ^2 /NDF: 3748.7/39

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 11.643 ± 0.581 $\chi^2/\text{NDF}: 15.2/3$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 14.518 ± 0.777 $\chi^2/\text{NDF}: 23.5/1$

Left: 12.674 ± 0.465 $\chi^2/\text{NDF}: 47.5/5$

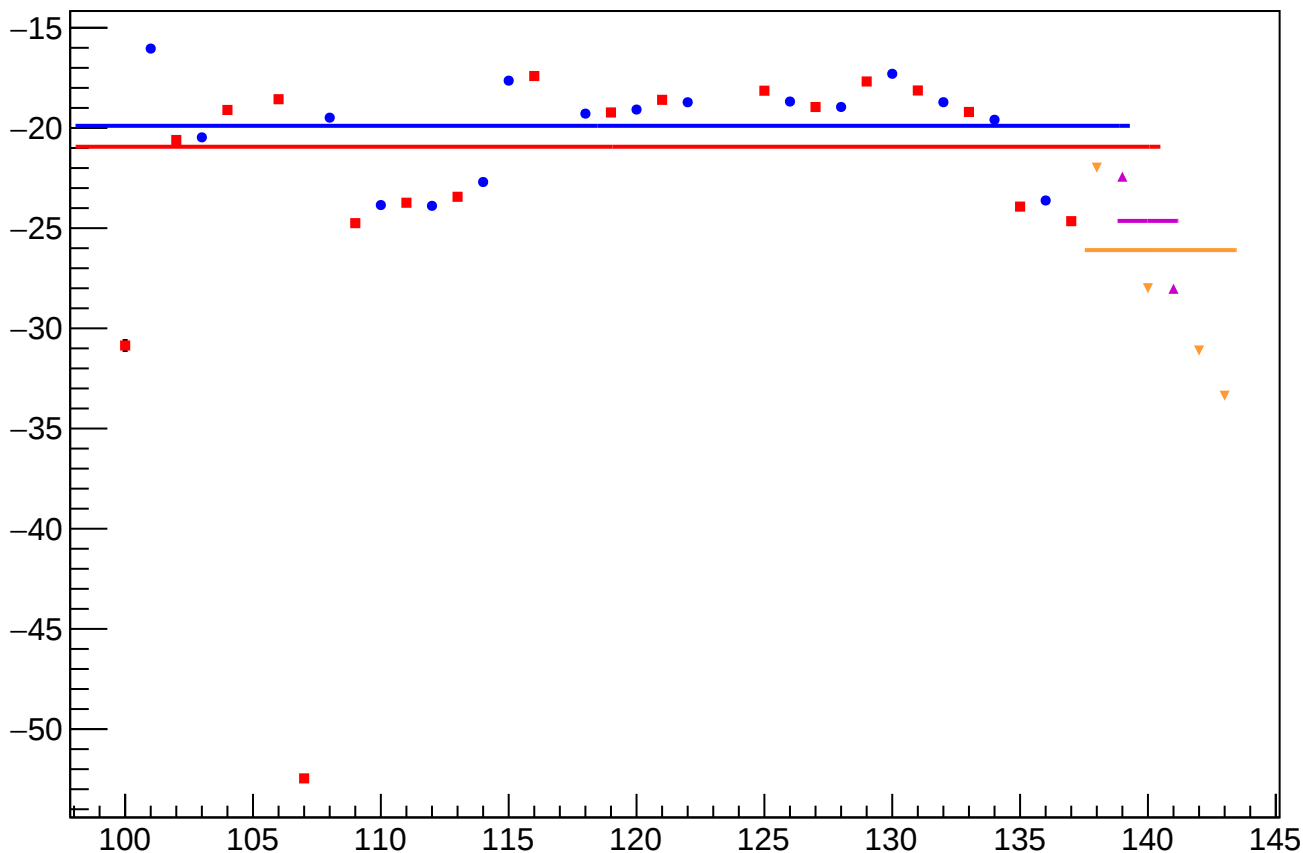
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 5.744 ± 0.239 $\chi^2/\text{NDF}: 717.3/17$

Out: 5.086 ± 0.236 $\chi^2/\text{NDF}: 732.6/21$

All: 5.411 ± 0.168 $\chi^2/\text{NDF}: 1453.8/39$

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: -26.095 $\pm$ 0.026 χ^2 /NDF:22678.7/3

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: -25.417 $\pm$ 0.019 χ^2 /NDF: 33796.3/5

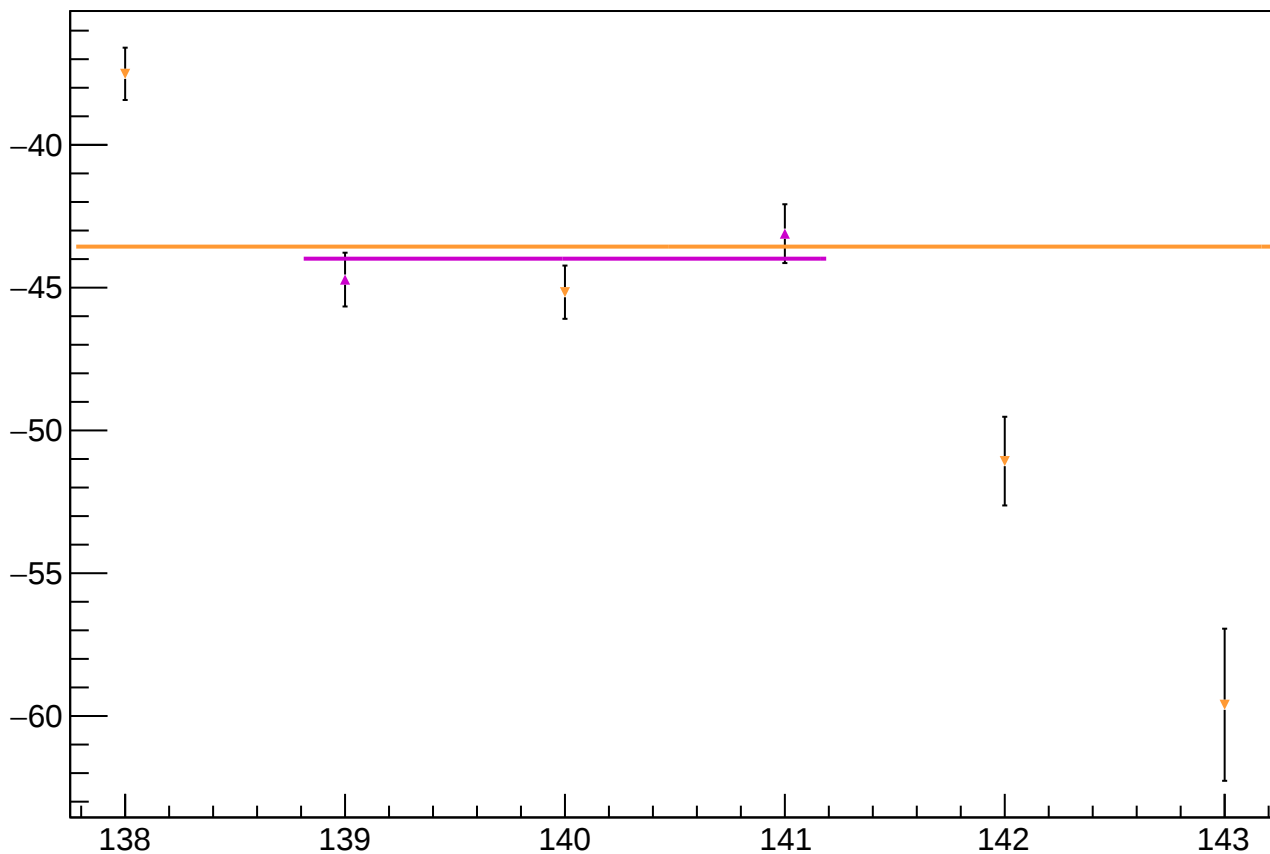
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -21.025 $\pm$ 0.014 χ^2 /NDF:57858.9/17

Out: -22.322 $\pm$ 0.013 χ^2 /NDF:145749.2/21

All: -21.681 $\pm$ 0.010 χ^2 /NDF: 208208.4/39

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: -43.563+/-0.587 χ^2/NDF :106.3/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.985+/-0.695 χ^2/NDF :1.3/1

Left: -43.739+/-0.449 χ^2/NDF : 107.8/5

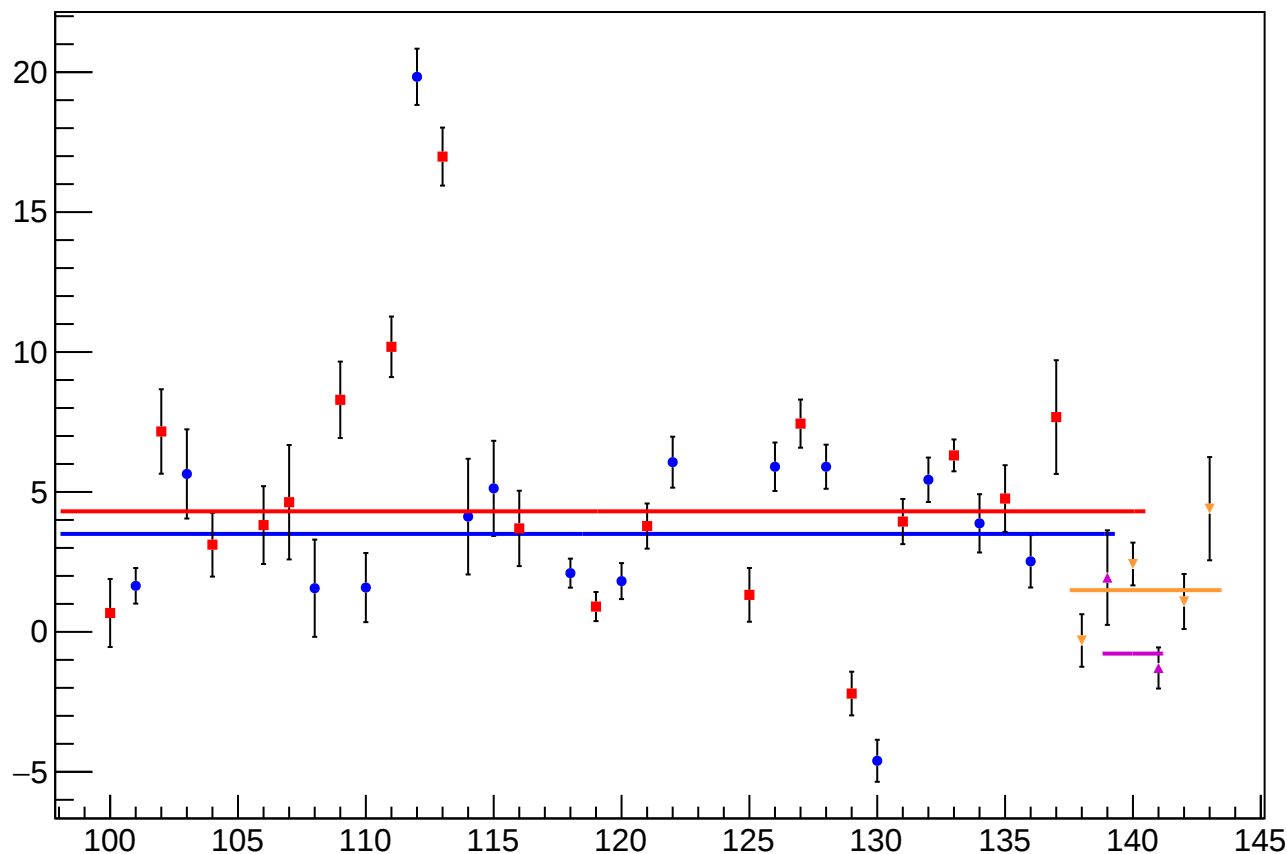
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.985+/-0.695 χ^2/NDF :1.3/1

Out: -43.563+/-0.587 χ^2/NDF :106.3/3

All: -43.739+/-0.449 χ^2/NDF : 107.8/5

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.491 ± 0.489 $\chi^2/\text{NDF}: 7.8/3$

Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: -0.776 ± 0.674 $\chi^2/\text{NDF}: 3.1/1$

Left: 0.708 ± 0.396 $\chi^2/\text{NDF}: 18.3/5$

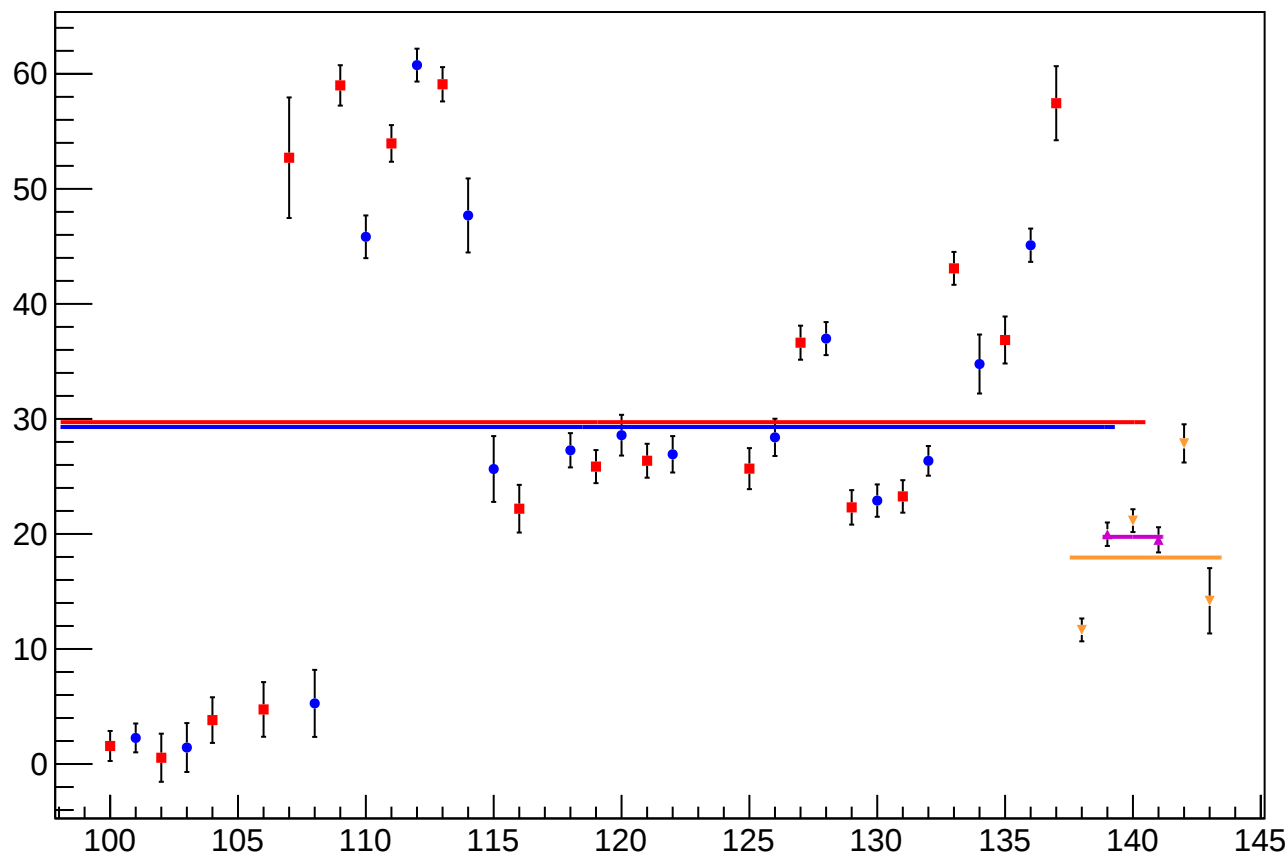
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 3.098 ± 0.207 $\chi^2/\text{NDF}: 481.5/17$

Out: 3.829 ± 0.202 $\chi^2/\text{NDF}: 388.1/21$

All: 3.473 ± 0.144 $\chi^2/\text{NDF}: 876.0/39$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 17.950 $\pm$ 0.631 χ^2 /NDF:87.9/3

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 19.750 $\pm$ 0.746 χ^2 /NDF:0.1/1

Left: 18.700 $\pm$ 0.482 χ^2 /NDF: 91.4/5

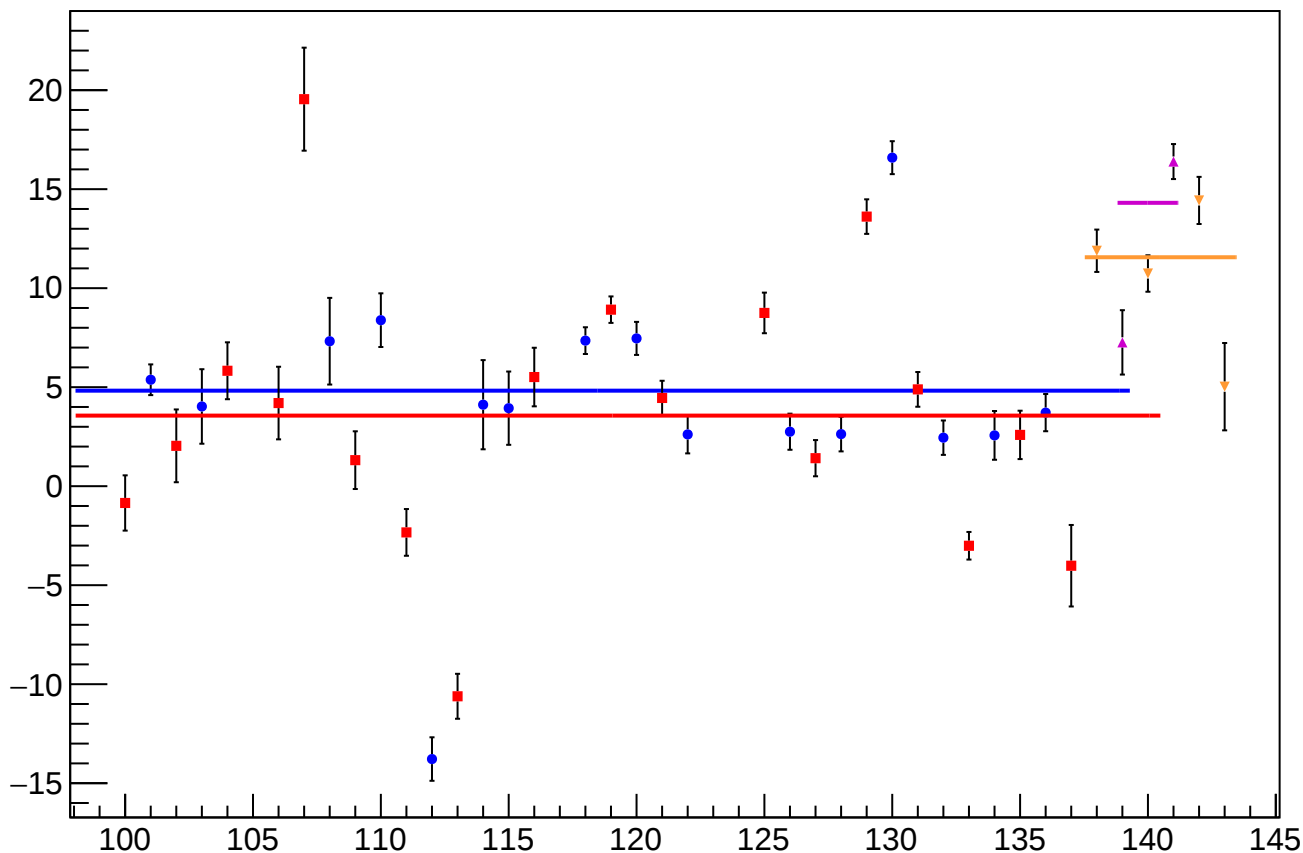
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 27.024 $\pm$ 0.364 χ^2 /NDF:1610.0/17

Out: 26.312 $\pm$ 0.339 χ^2 /NDF:2464.3/21

All: 26.643 $\pm$ 0.248 χ^2 /NDF: 4076.3/39

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: 11.562 $\pm$ 0.581 χ^2 /NDF:15.5/3

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: 12.548 $\pm$ 0.465 χ^2 /NDF: 47.9/5

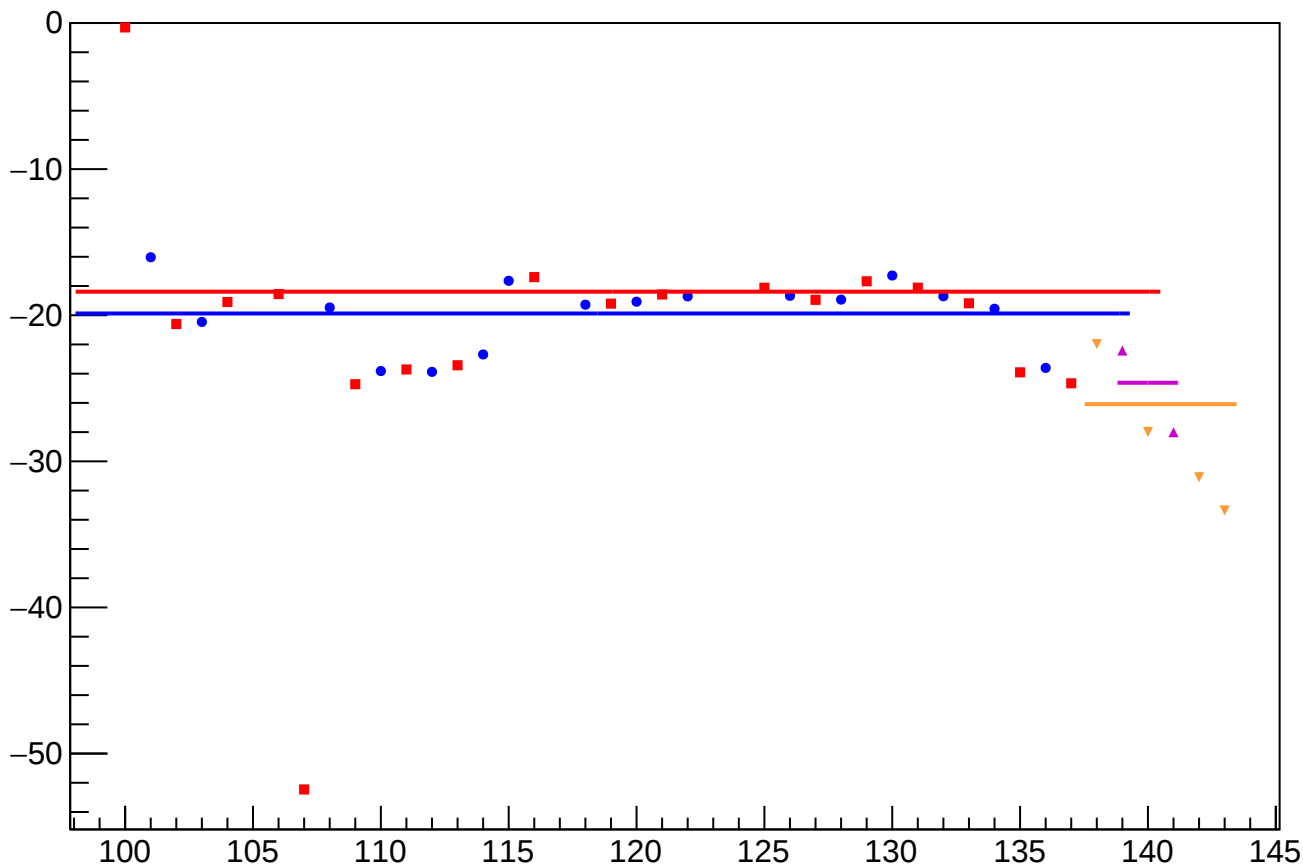
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 5.725 $\pm$ 0.239 χ^2 /NDF:708.7/17

Out: 4.852 $\pm$ 0.233 χ^2 /NDF:744.8/21

All: 5.277 $\pm$ 0.167 χ^2 /NDF: 1460.3/39

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880+/-0.016 χ^2/NDF : 26082.0/15

Left Out: -26.089+/-0.026 χ^2/NDF : 22665.6/3

Right Out: -18.387+/-0.015 χ^2/NDF : 301256.3/17

Left In: -24.621+/-0.028 χ^2/NDF : 9649.0/1

Left: -25.407+/-0.019 χ^2/NDF : 33805.8/5

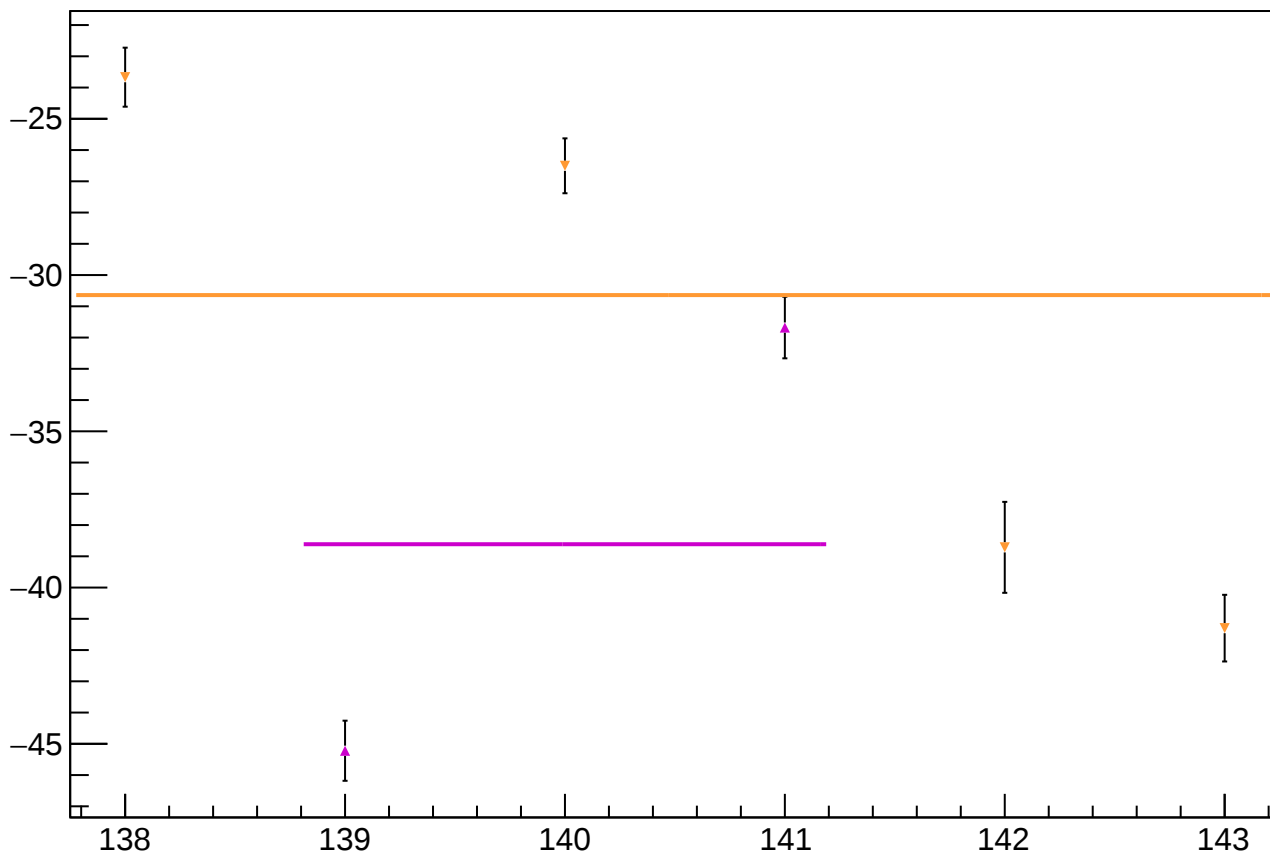
Right: -19.093+/-0.011 χ^2/NDF : 332185.5/33

In: -21.012+/-0.014 χ^2/NDF : 57847.0/17

Out: -20.270+/-0.013 χ^2/NDF : 390640.9/21

All: -20.619+/-0.009 χ^2/NDF : 450068.6/39

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left Out: -30.641 +/- 0.515 χ^2/NDF : 207.3/3

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: -38.613 +/- 0.688 χ^2/NDF : 96.7/1

Left: -33.503 +/- 0.412 χ^2/NDF : 390.1/5

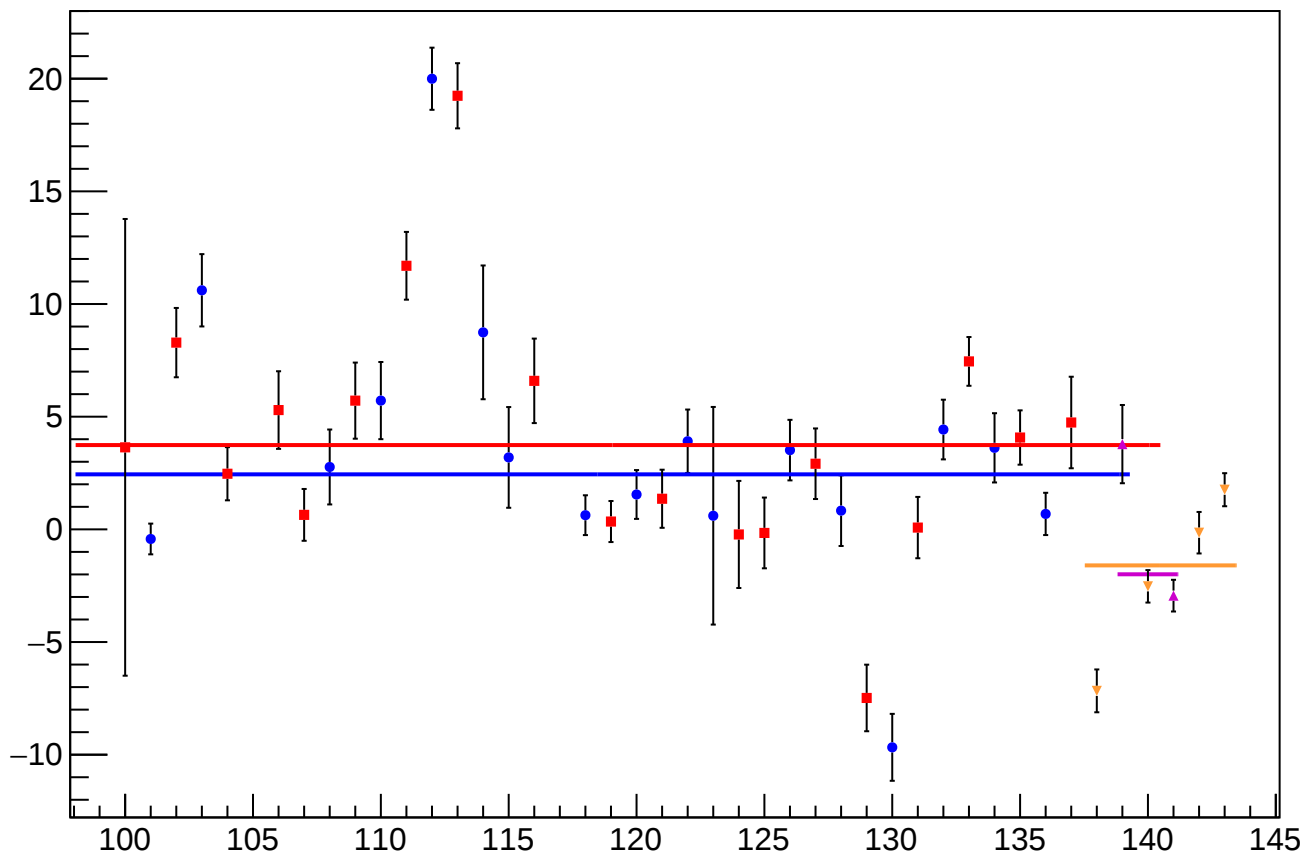
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -38.613 +/- 0.688 χ^2/NDF : 96.7/1

Out: -30.641 +/- 0.515 χ^2/NDF : 207.3/3

All: -33.503 +/- 0.412 χ^2/NDF : 390.1/5

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: -1.599 $\pm$ 0.406 χ^2 /NDF: 59.4/3

Right Out: 3.740 $\pm$ 0.326 χ^2 /NDF: 268.1/18

Left In: -1.994 $\pm$ 0.652 χ^2 /NDF: 12.9/1

Left: -1.709 $\pm$ 0.345 χ^2 /NDF: 72.6/5

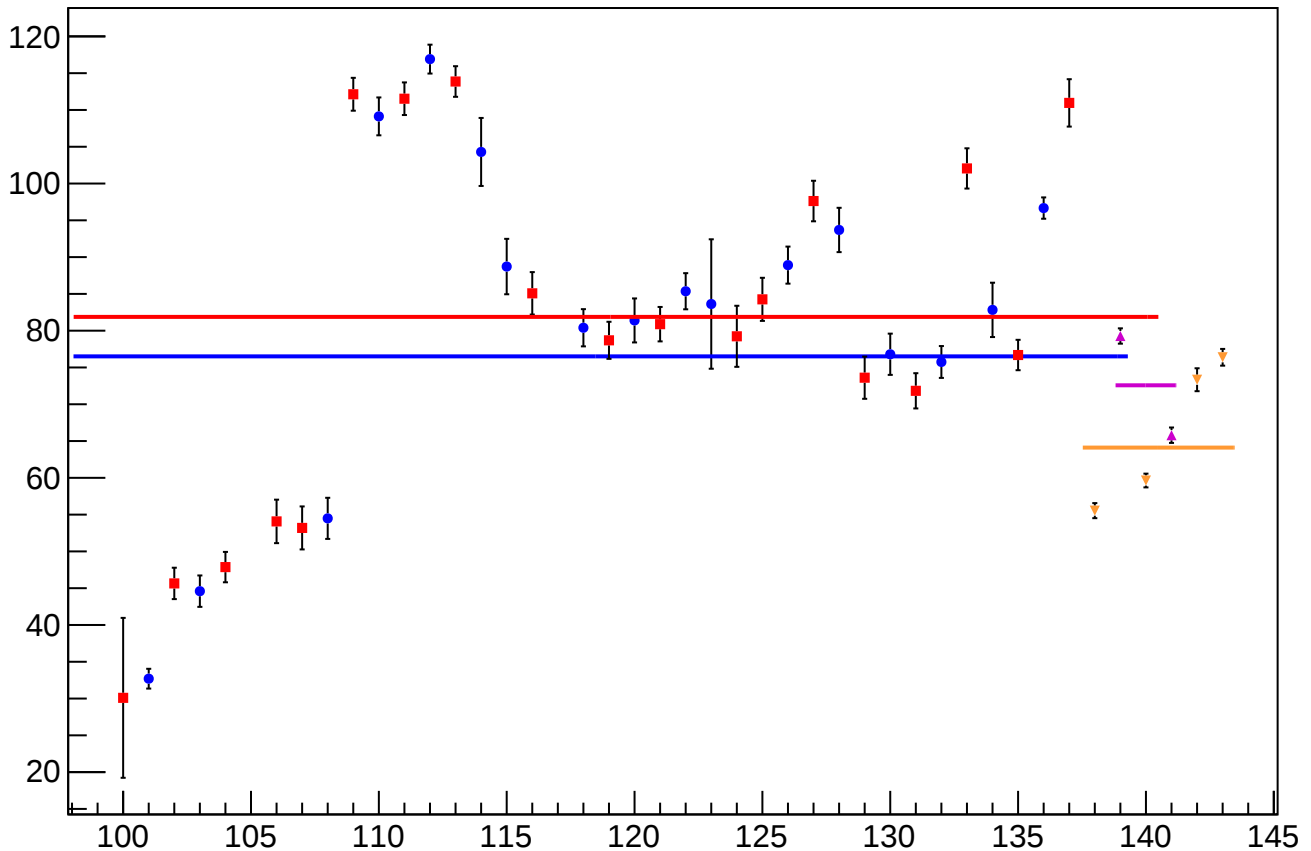
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/35

In: 1.617 $\pm$ 0.281 χ^2 /NDF: 345.3/18

Out: 1.642 $\pm$ 0.254 χ^2 /NDF: 432.7/22

All: 1.631 $\pm$ 0.189 χ^2 /NDF: 777.9/41

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 64.110+/-0.552 χ^2/NDF :244.5/3

Right Out: 81.875+/-0.592 χ^2/NDF : 1570.7/18

Left In: 72.576+/-0.738 χ^2/NDF :83.4/1

Left: 67.145+/-0.442 χ^2/NDF : 412.2/5

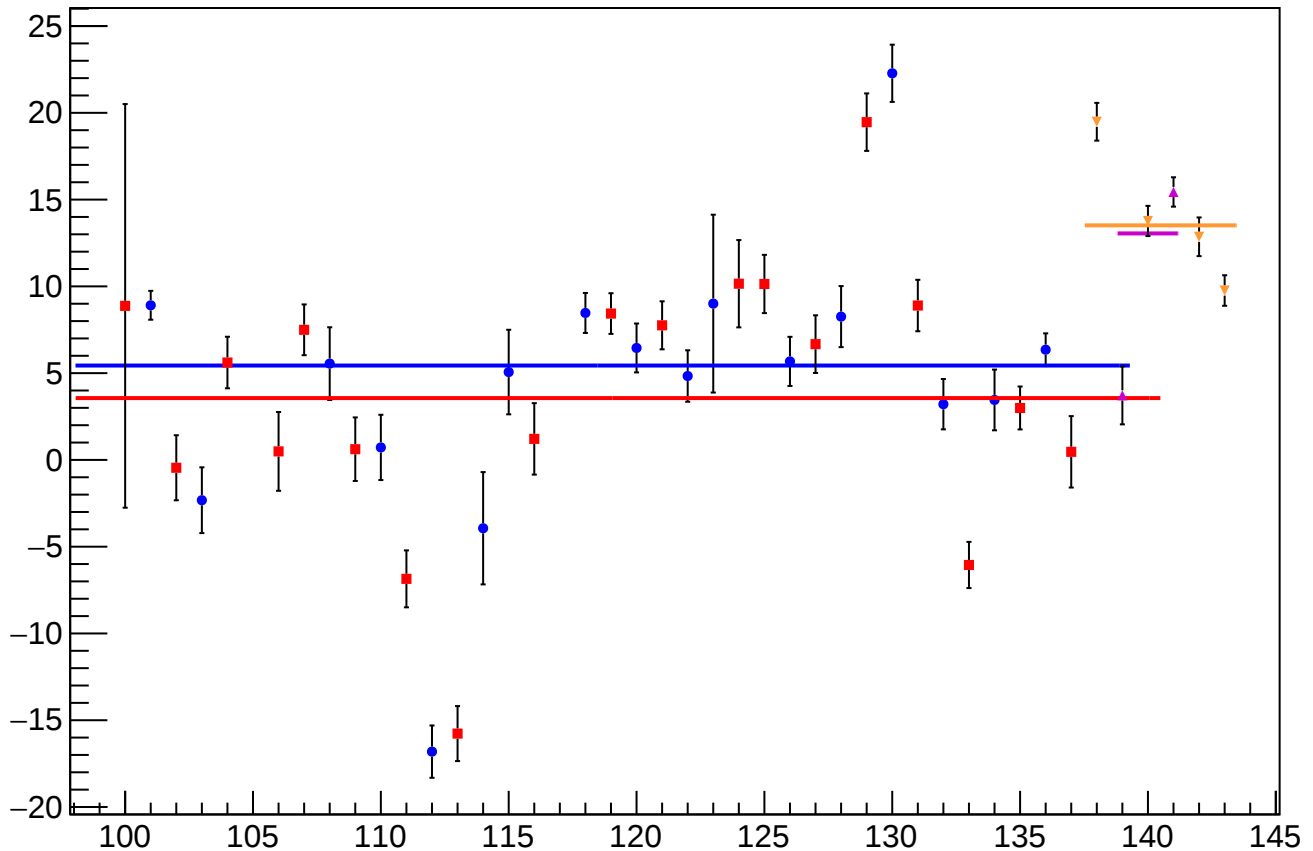
Right: 79.111+/-0.412 χ^2/NDF : 3864.0/35

In: 75.027+/-0.453 χ^2/NDF :2351.9/18

Out: 72.375+/-0.404 χ^2/NDF :2297.2/22

All: 73.548+/-0.301 χ^2/NDF : 4668.2/41

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: 13.516 $\pm$ 0.484 χ^2 /NDF:48.7/3

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: 13.380 $\pm$ 0.408 χ^2 /NDF: 88.2/5

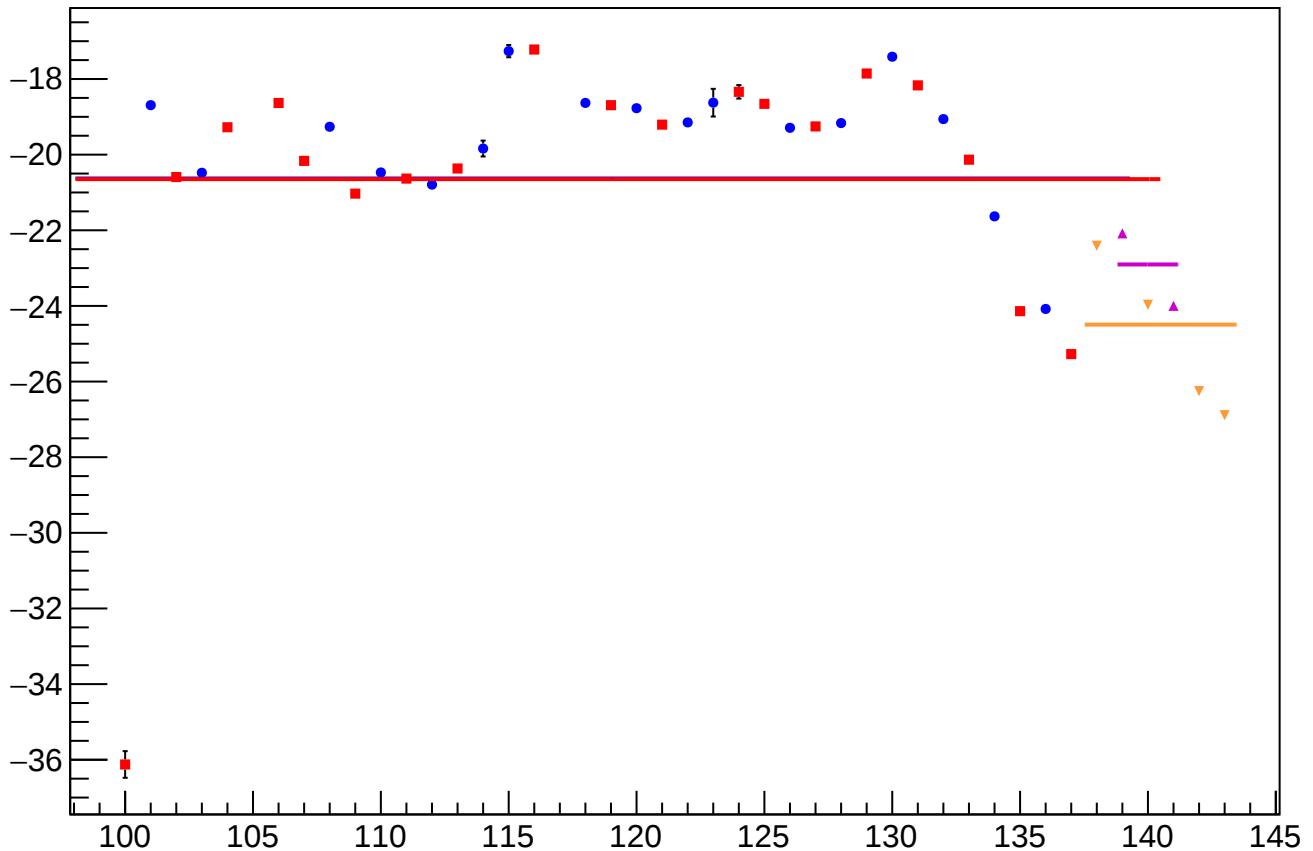
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 6.836 $\pm$ 0.323 χ^2 /NDF:508.4/18

Out: 7.294 $\pm$ 0.296 χ^2 /NDF:733.7/22

All: 7.085 $\pm$ 0.219 χ^2 /NDF: 1243.2/41

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: -24.494+/-0.023 χ^2/NDF : 6347.3/3

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: -23.857+/-0.018 χ^2/NDF : 9484.9/5

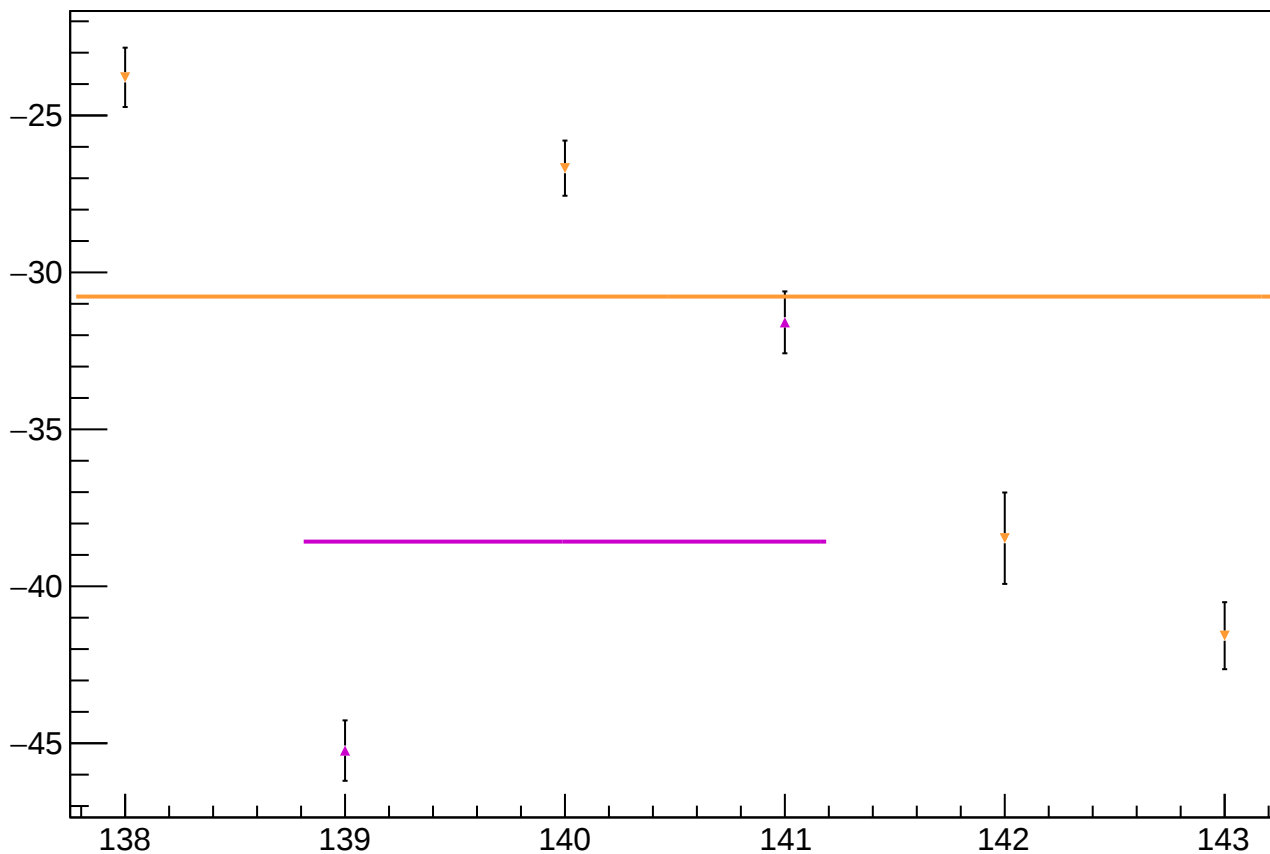
Right: -20.639+/-0.014 χ^2/NDF : 26410.8/35

In: -21.372+/-0.016 χ^2/NDF : 18189.6/18

Out: -22.274+/-0.015 χ^2/NDF : 36842.6/22

All: -21.855+/-0.011 χ^2/NDF : 56770.5/41

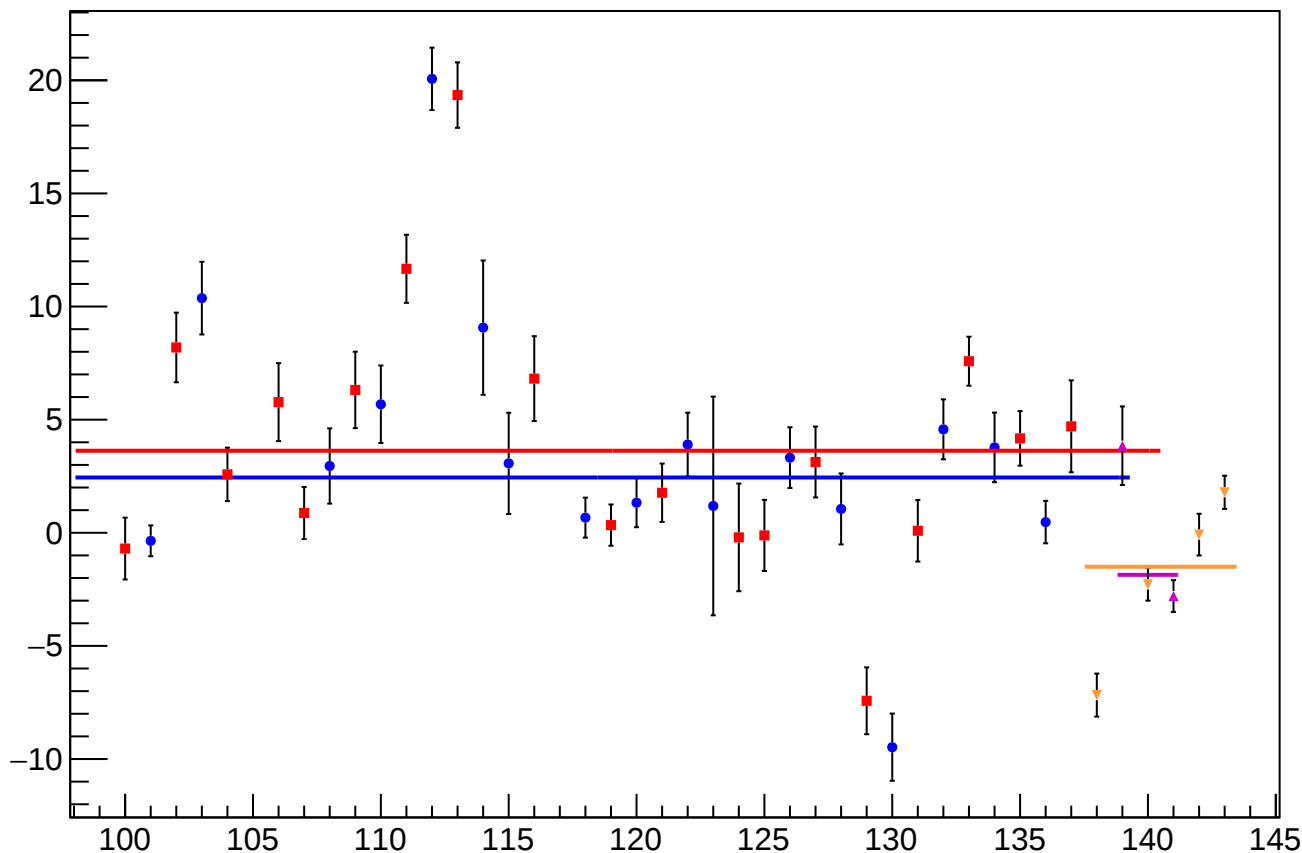
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -30.770+/-0.515 χ^2/NDF :206.7/3
 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: -33.573+/-0.413 χ^2/NDF : 387.1/5
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -38.576+/-0.689 χ^2/NDF :98.0/1
 Out: -30.770+/-0.515 χ^2/NDF :206.7/3
 All: -33.573+/-0.413 χ^2/NDF : 387.1/5

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: -1.499+/-0.406 χ^2/NDF : 59.2/3

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: -1.600+/-0.345 χ^2/NDF : 72.0/5

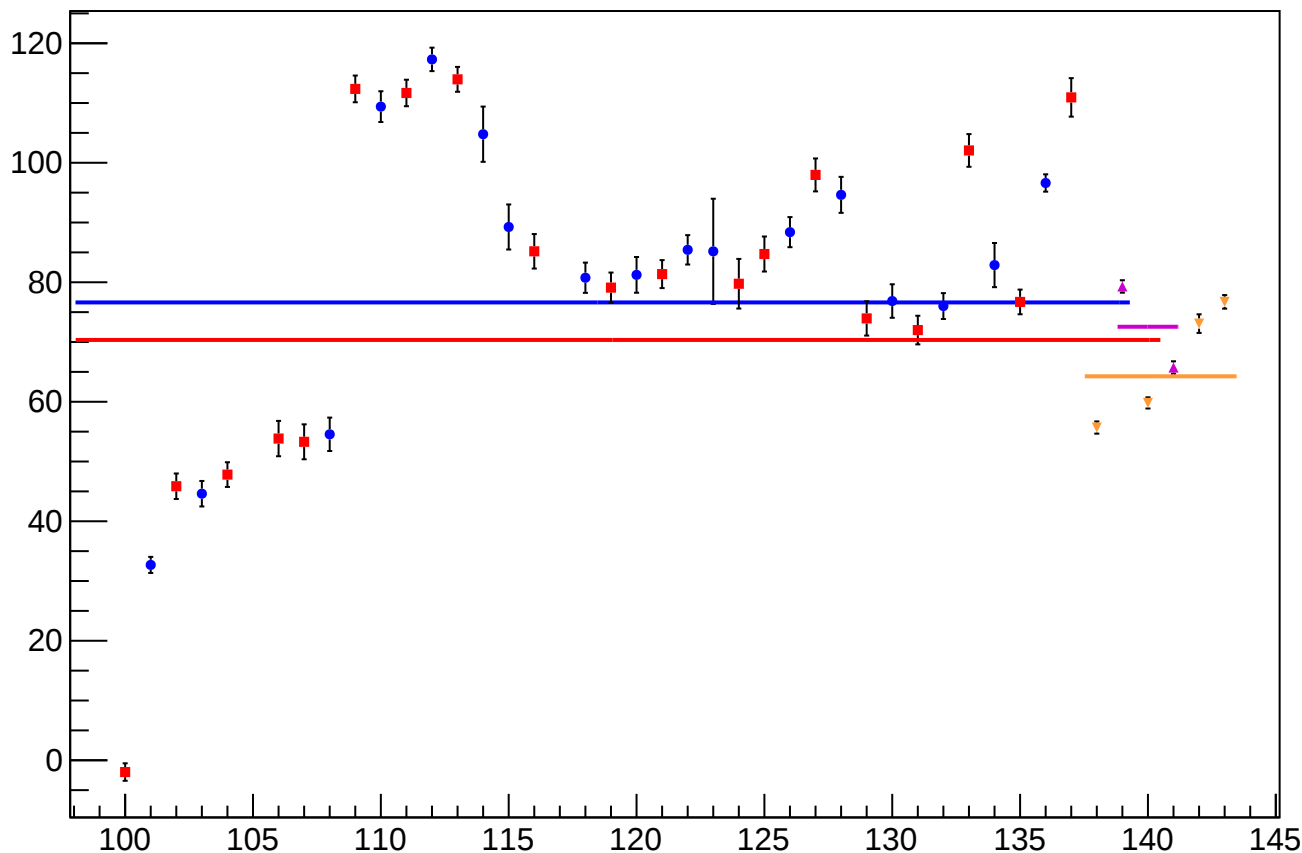
Right: 3.024+/-0.223 χ^2/NDF : 578.6/35

In: 1.645+/-0.281 χ^2/NDF : 340.7/18

Out: 1.679+/-0.250 χ^2/NDF : 436.9/22

All: 1.664+/-0.187 χ^2/NDF : 777.6/41

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626+/-0.574 χ^2/NDF : 2262.8/16

Left Out: 64.261+/-0.552 χ^2/NDF : 244.5/3

Right Out: 70.347+/-0.550 χ^2/NDF : 4388.1/18

Left In: 72.555+/-0.739 χ^2/NDF : 84.3/1

Left: 67.234+/-0.442 χ^2/NDF : 409.7/5

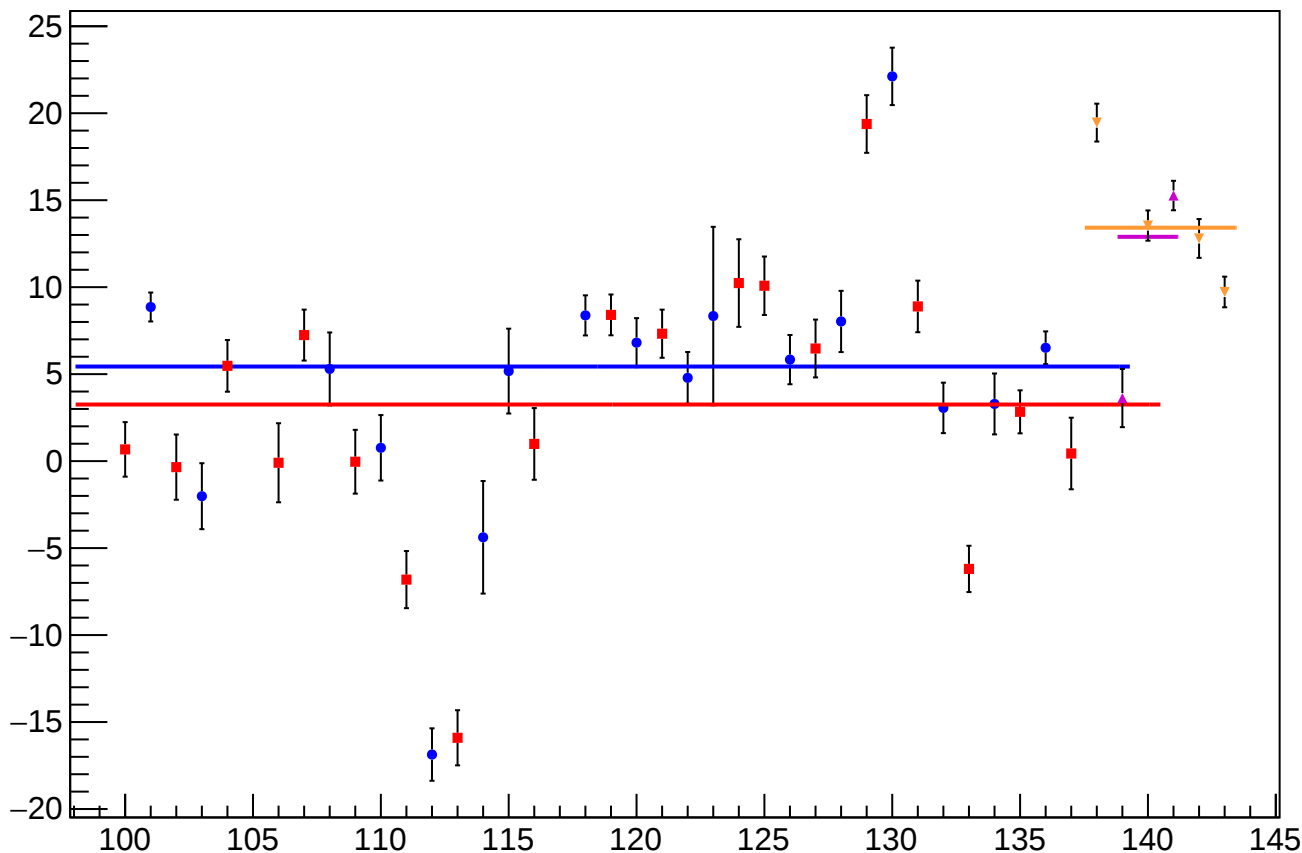
Right: 73.348+/-0.397 χ^2/NDF : 6713.3/35

In: 75.093+/-0.454 χ^2/NDF : 2366.1/18

Out: 67.319+/-0.390 χ^2/NDF : 4693.6/22

All: 70.620+/-0.296 χ^2/NDF : 7228.8/41

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: 13.418 $\pm$ 0.485 χ^2 /NDF: 48.7/3

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: 13.265 $\pm$ 0.408 χ^2 /NDF: 87.6/5

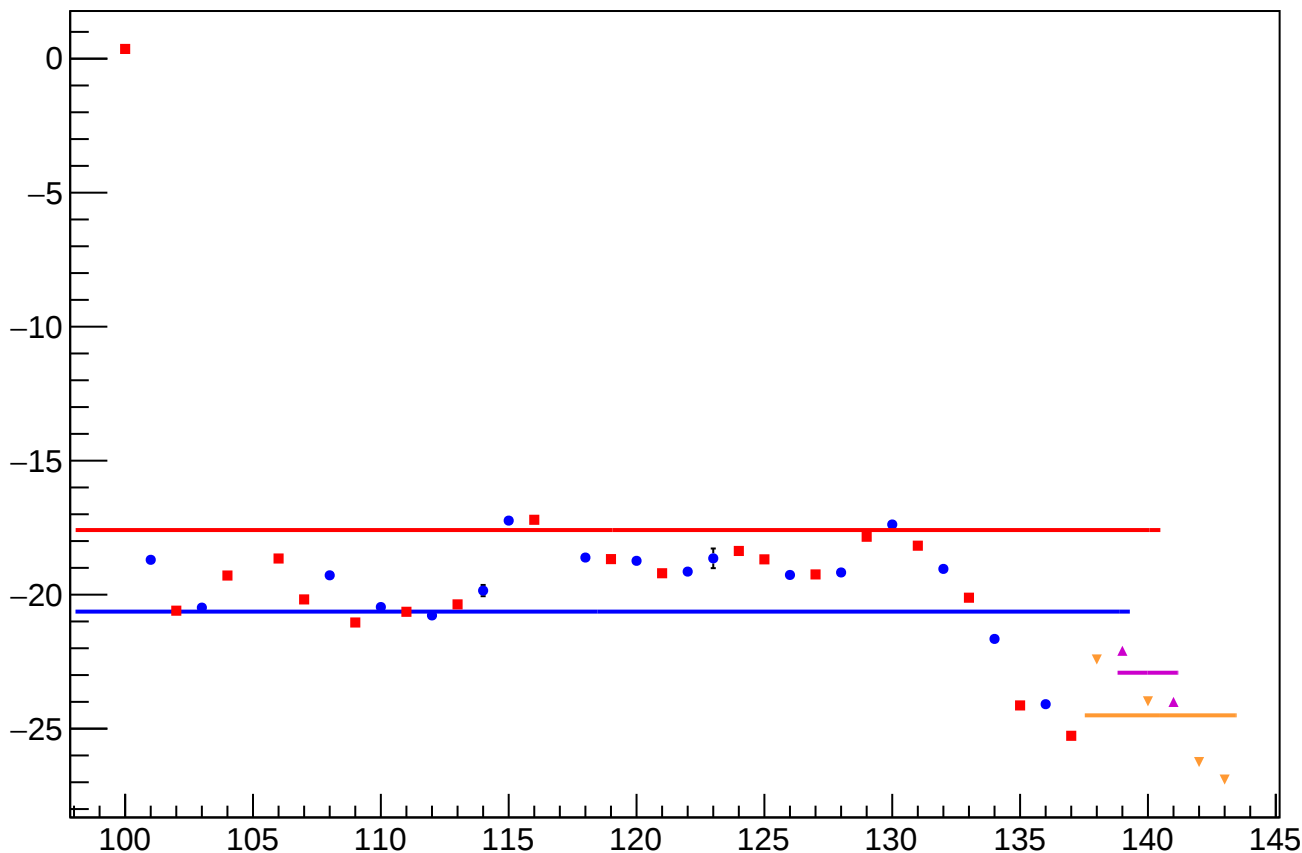
Right: 4.367 $\pm$ 0.256 χ^2 /NDF: 826.5/35

In: 6.805 $\pm$ 0.324 χ^2 /NDF: 502.7/18

Out: 6.935 $\pm$ 0.292 χ^2 /NDF: 753.2/22

All: 6.877 $\pm$ 0.217 χ^2 /NDF: 1256.0/41

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: -24.503 ± 0.023 $\chi^2/\text{NDF}: 6322.0/3$

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: -23.866 ± 0.018 $\chi^2/\text{NDF}: 9444.4/5$

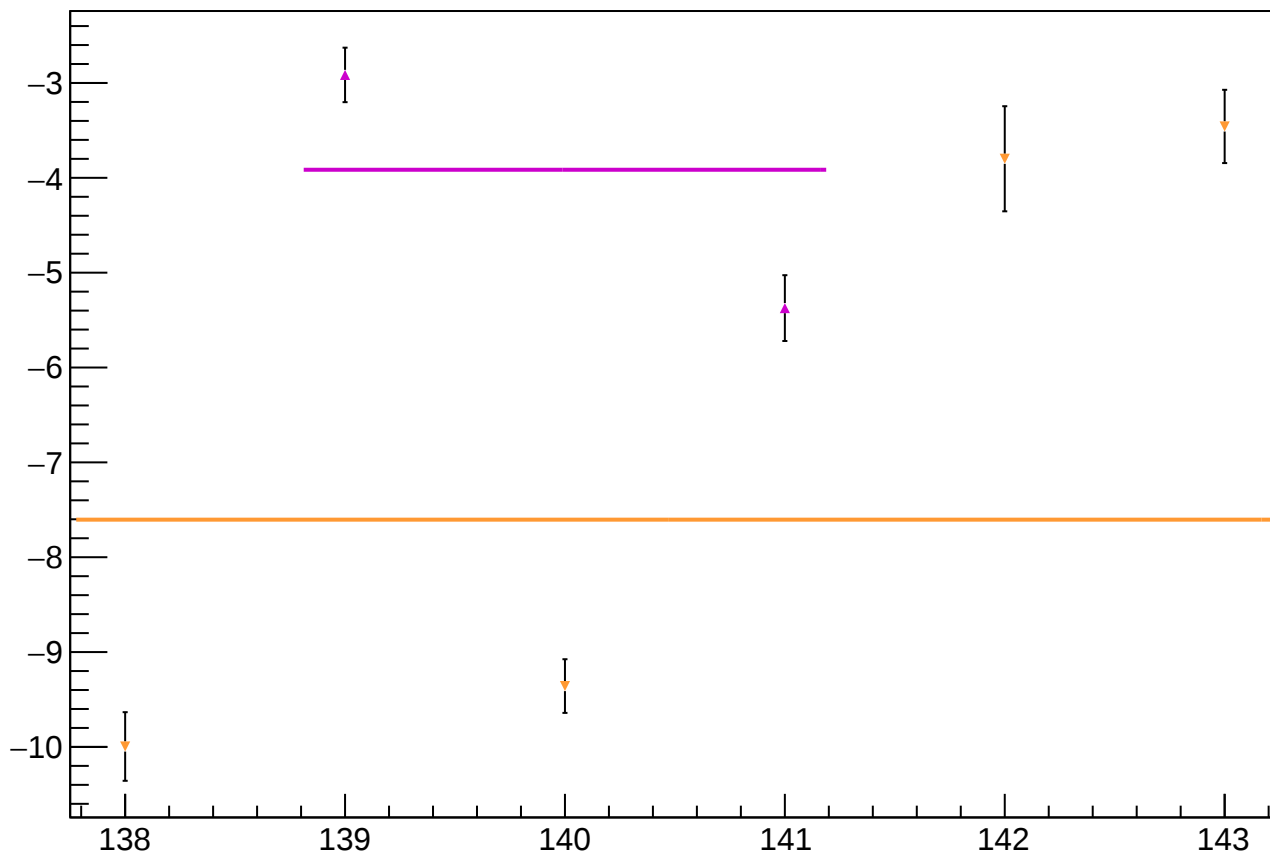
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -21.375 ± 0.016 $\chi^2/\text{NDF}: 18246.9/18$

Out: -20.260 ± 0.014 $\chi^2/\text{NDF}: 241897.5/22$

All: -20.753 ± 0.011 $\chi^2/\text{NDF}: 262908.2/41$

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: -7.604+/-0.182 χ^2/NDF :244.5/3

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: -6.112+/-0.141 χ^2/NDF : 439.9/5

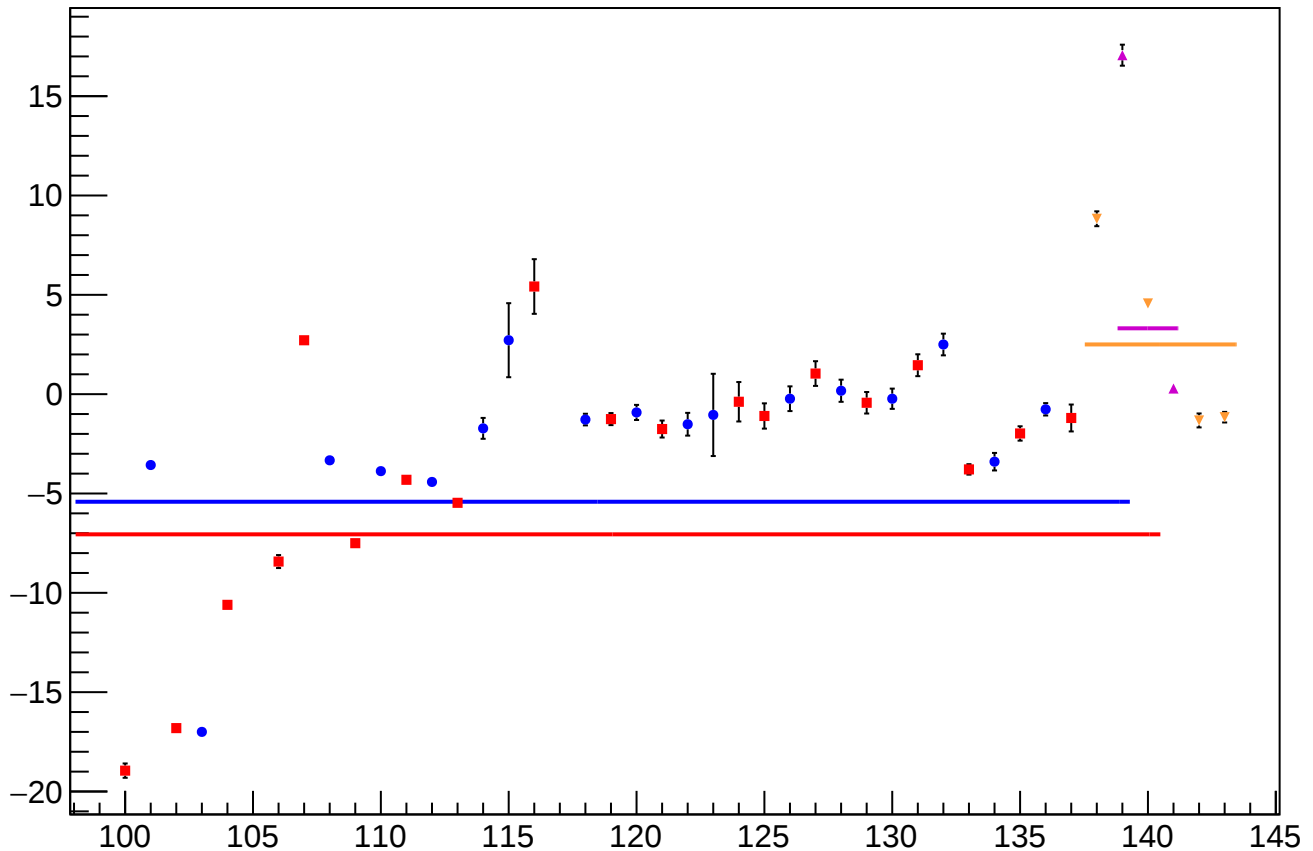
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.915+/-0.221 χ^2/NDF :29.8/1

Out: -7.604+/-0.182 χ^2/NDF :244.5/3

All: -6.112+/-0.141 χ^2/NDF : 439.9/5

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2 /NDF: 9255.1/16

Left Out: 2.503 $\pm$ 0.145 χ^2 /NDF:669.8/3

Right Out: -7.056 $\pm$ 0.059 χ^2 /NDF: 12334.0/18

Left In: 3.314 $\pm$ 0.225 χ^2 /NDF:823.9/1

Left: 2.742 $\pm$ 0.122 χ^2 /NDF: 1502.9/5

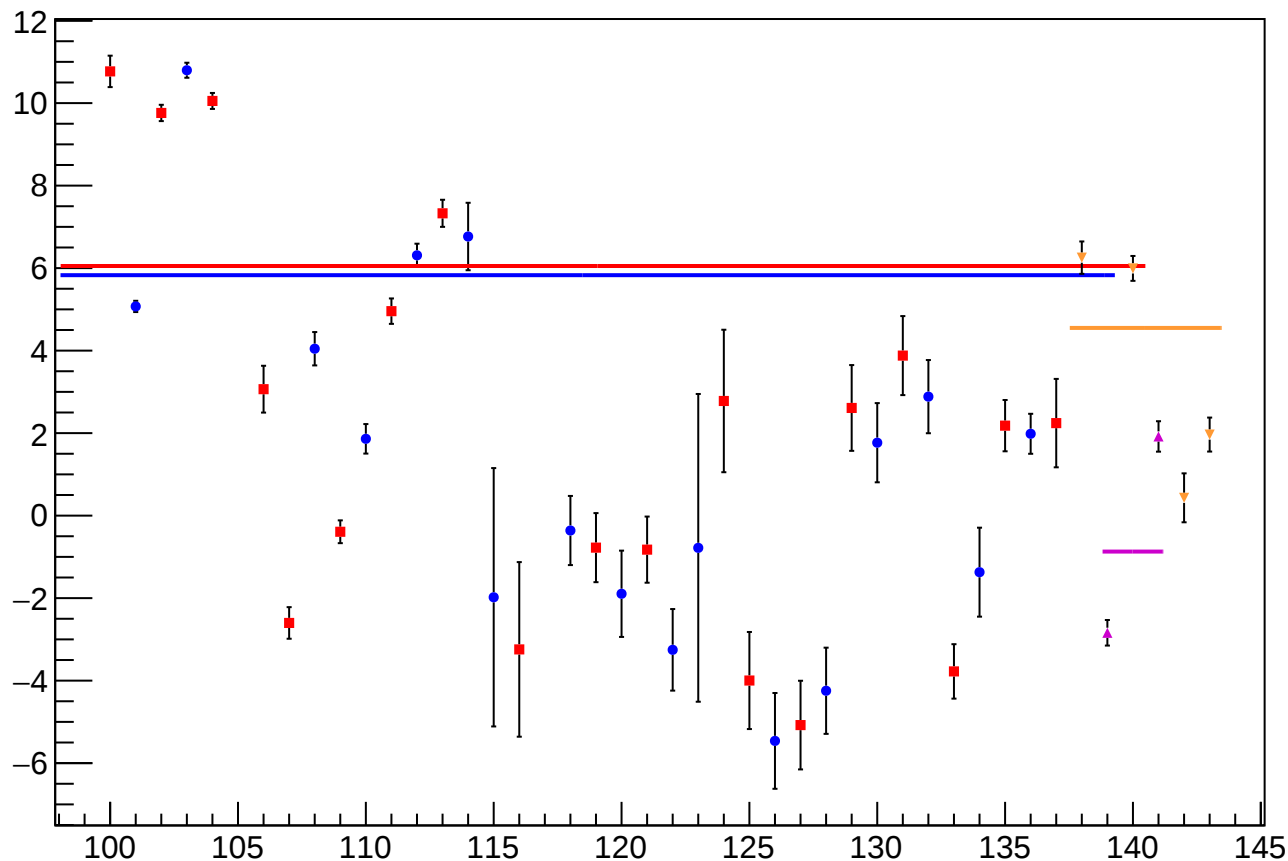
Right: -6.174 $\pm$ 0.040 χ^2 /NDF: 22004.4/35

In: -4.927 $\pm$ 0.053 χ^2 /NDF:11501.5/18

Out: -5.702 $\pm$ 0.055 χ^2 /NDF:16720.5/22

All: -5.304 $\pm$ 0.038 χ^2 /NDF: 28325.2/41

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: 4.550 ± 0.195 $\chi^2/\text{NDF}: 129.4/3$

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: 2.361 ± 0.151 $\chi^2/\text{NDF}: 538.2/5$

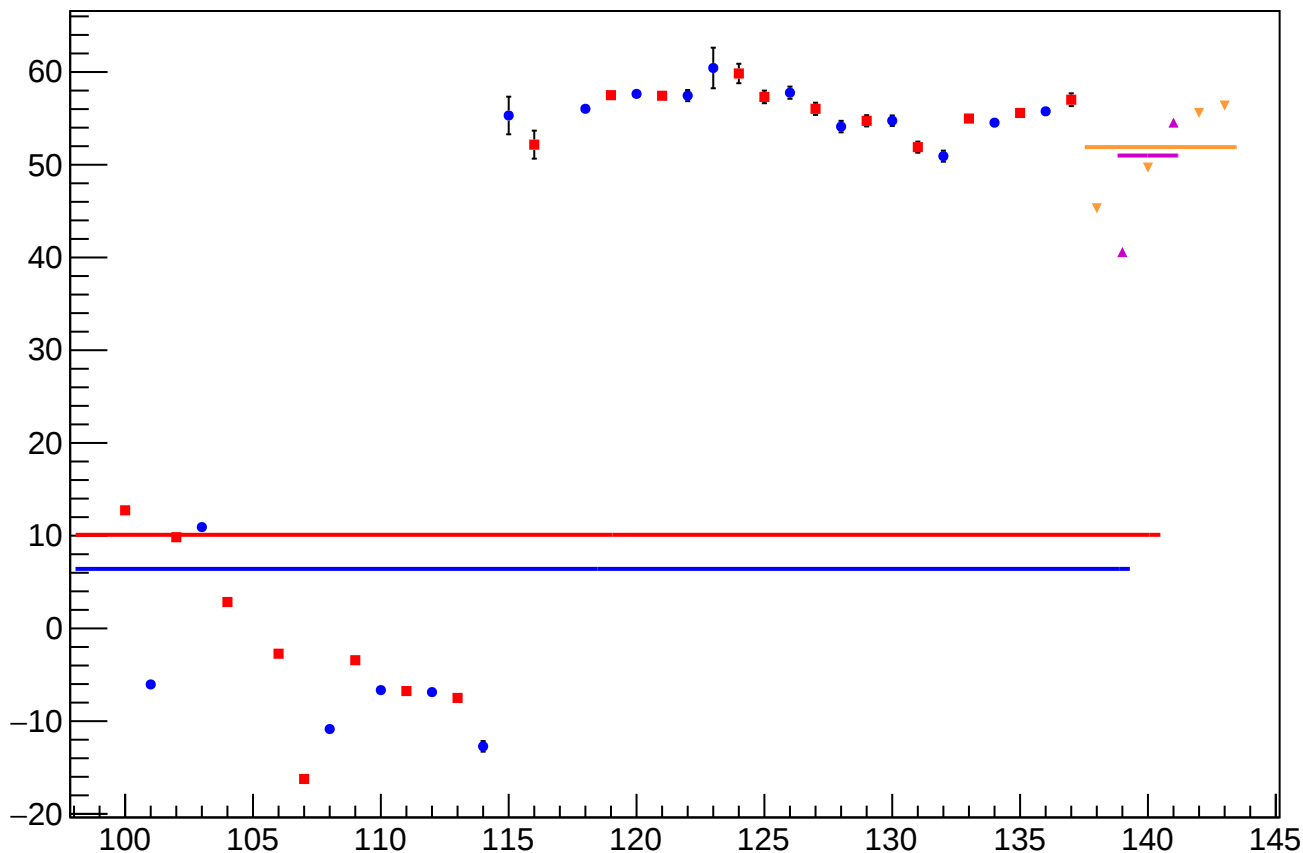
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 4.992 ± 0.084 $\chi^2/\text{NDF}: 2243.6/18$

Out: 5.772 ± 0.084 $\chi^2/\text{NDF}: 2851.6/22$

All: 5.381 ± 0.059 $\chi^2/\text{NDF}: 5138.3/41$

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: 51.905+/-0.173 χ^2/NDF : 573.8/3

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: 51.621+/-0.144 χ^2/NDF : 1139.9/5

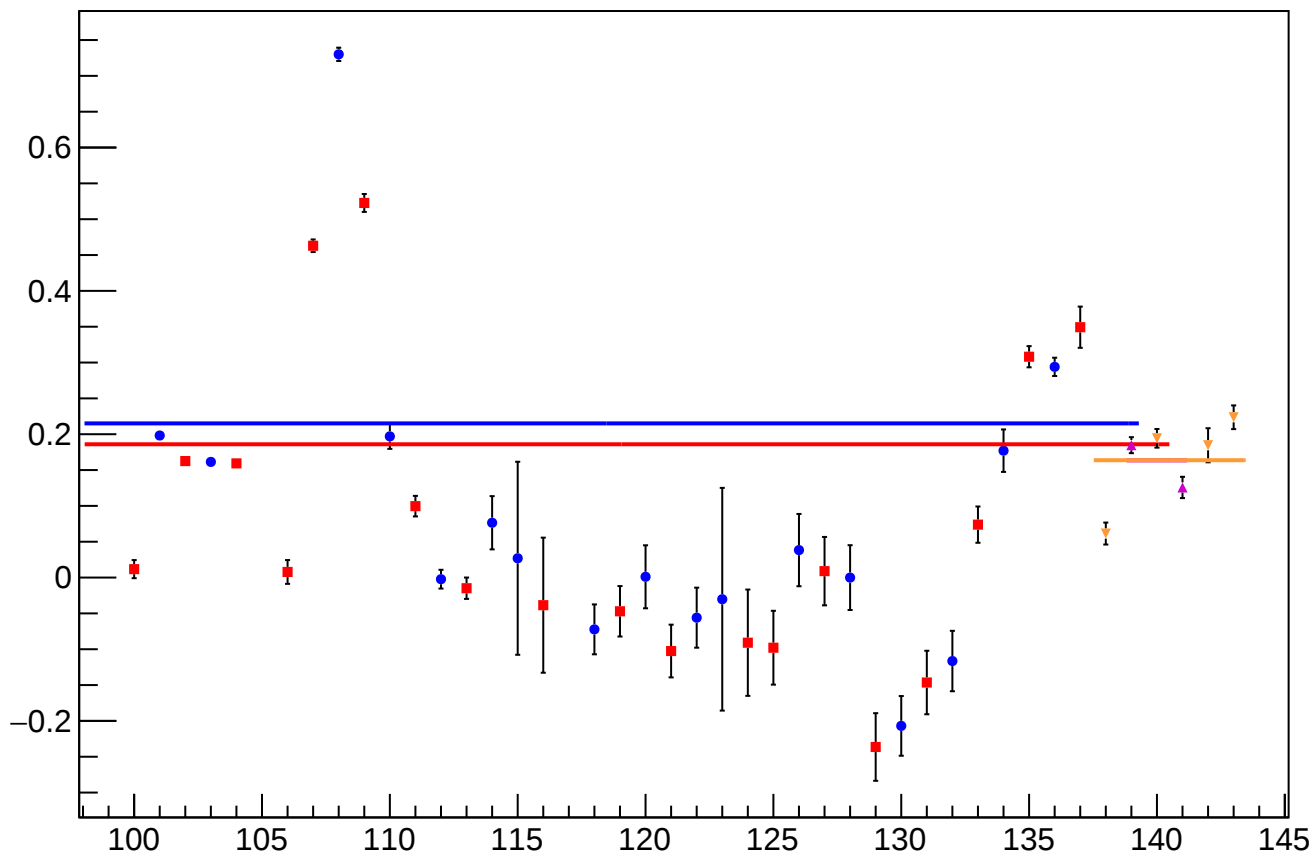
Right: 8.122+/-0.047 χ^2/NDF : 246726.1/35

In: 9.069+/-0.063 χ^2/NDF : 151835.9/18

Out: 15.927+/-0.065 χ^2/NDF : 172861.7/22

All: 12.396+/-0.045 χ^2/NDF : 330486.7/41

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3927.2/16

Left Out: 0.164 ± 0.008 χ^2/NDF : 64.0/3

Right Out: 0.186 ± 0.003 χ^2/NDF : 2719.3/18

Left In: 0.163 ± 0.009 χ^2/NDF : 10.1/1

Left: 0.164 ± 0.006 χ^2/NDF : 74.1/5

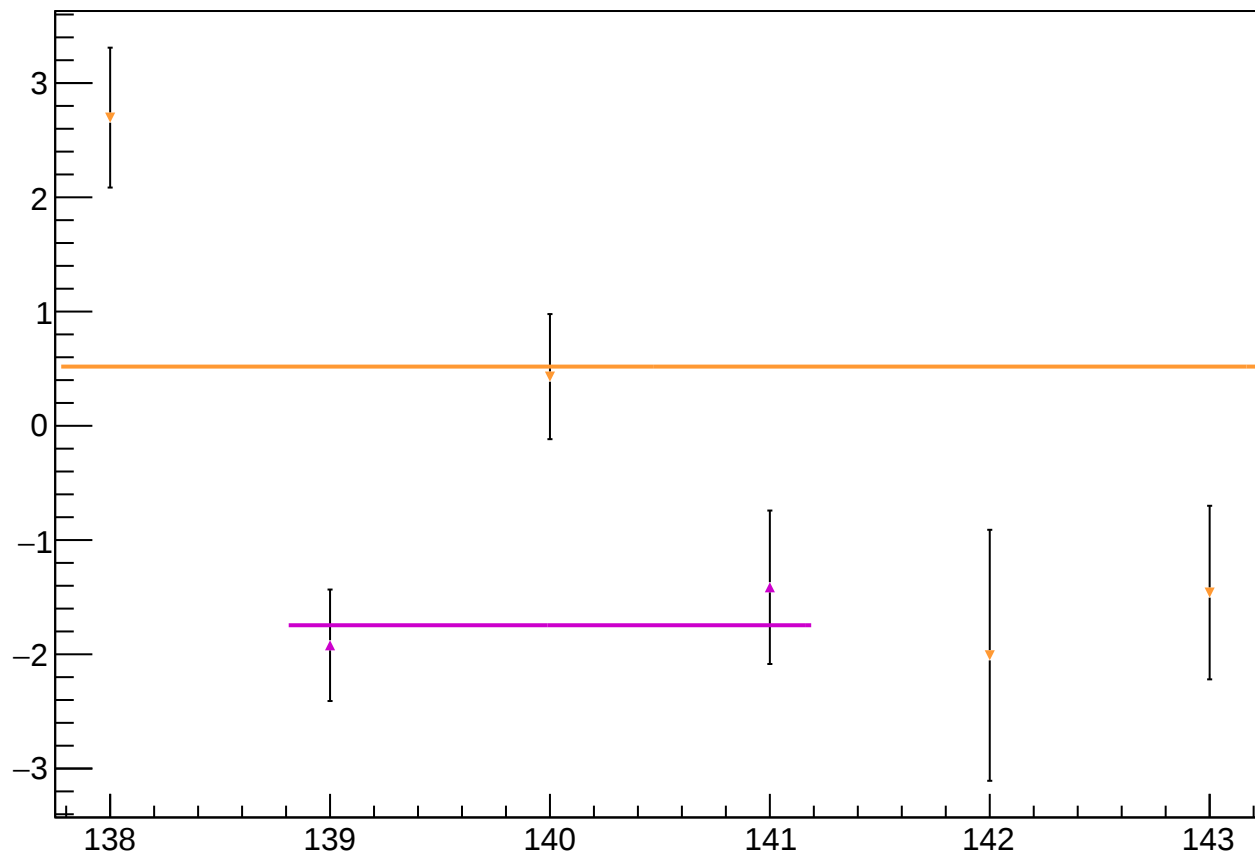
Right: 0.200 ± 0.002 χ^2/NDF : 6703.5/35

In: 0.211 ± 0.003 χ^2/NDF : 3967.8/18

Out: 0.184 ± 0.003 χ^2/NDF : 2790.3/22

All: 0.197 ± 0.002 χ^2/NDF : 6811.6/41

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected

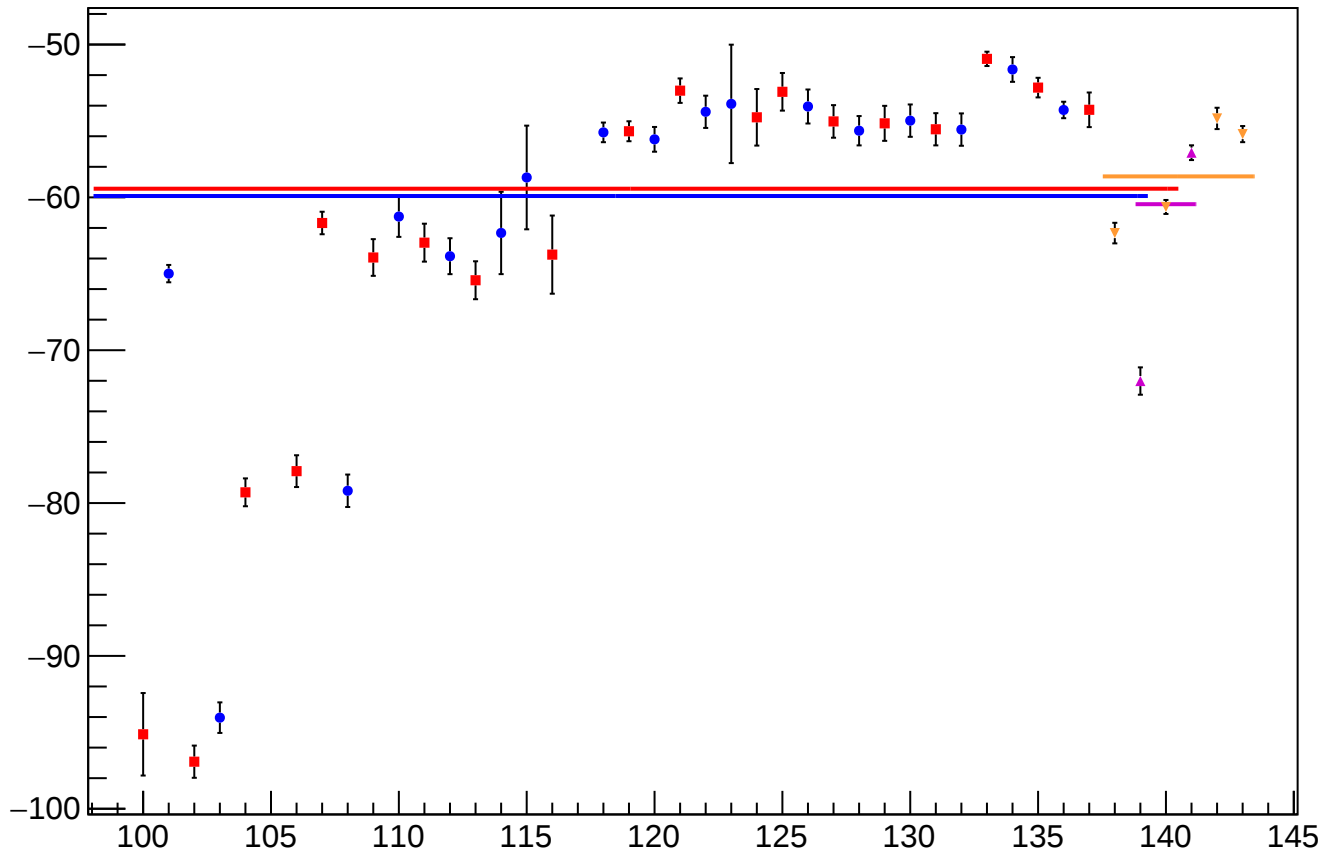


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.518 $\pm$ 0.342 χ^2 /NDF:24.8/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.746 $\pm$ 0.395 χ^2 /NDF:0.4/1

Left: -0.452 $\pm$ 0.258 χ^2 /NDF: 44.0/5
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -1.746 $\pm$ 0.395 χ^2 /NDF:0.4/1
 Out: 0.518 $\pm$ 0.342 χ^2 /NDF:24.8/3

All: -0.452 $\pm$ 0.258 χ^2 /NDF: 44.0/5

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: -58.628 ± 0.281 χ^2/NDF : 106.5/3

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: -59.181 ± 0.235 χ^2/NDF : 335.0/5

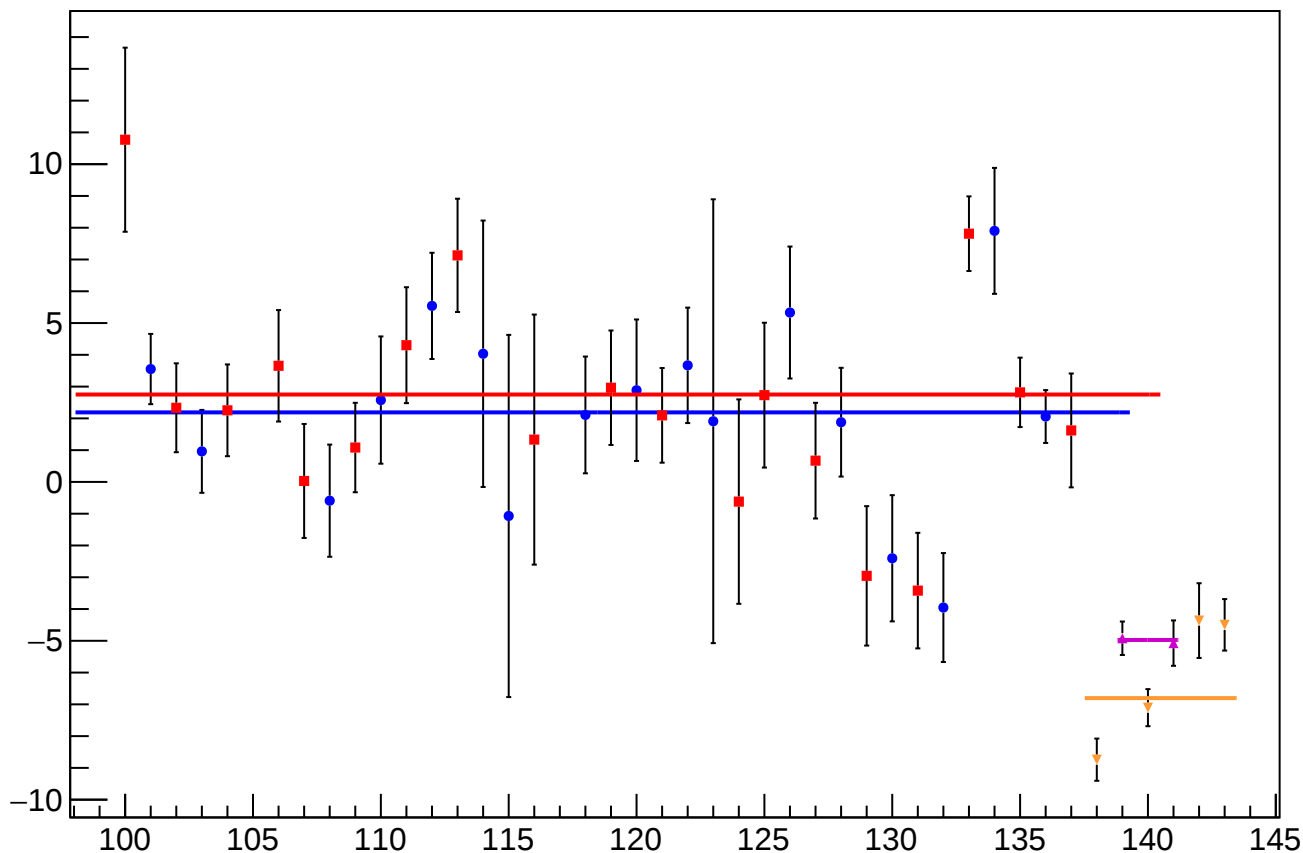
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -60.026 ± 0.198 χ^2/NDF : 2197.8/18

Out: -59.142 ± 0.169 χ^2/NDF : 3030.7/22

All: -59.516 ± 0.129 χ^2/NDF : 5240.1/41

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 χ^2/NDF : 39.1/16

Left Out: -6.804 ± 0.366 χ^2/NDF : 21.2/3

Right Out: 2.751 ± 0.387 χ^2/NDF : 58.6/18

Left In: -4.974 ± 0.424 χ^2/NDF : 0.0/1

Left: -6.021 ± 0.277 χ^2/NDF : 31.9/5

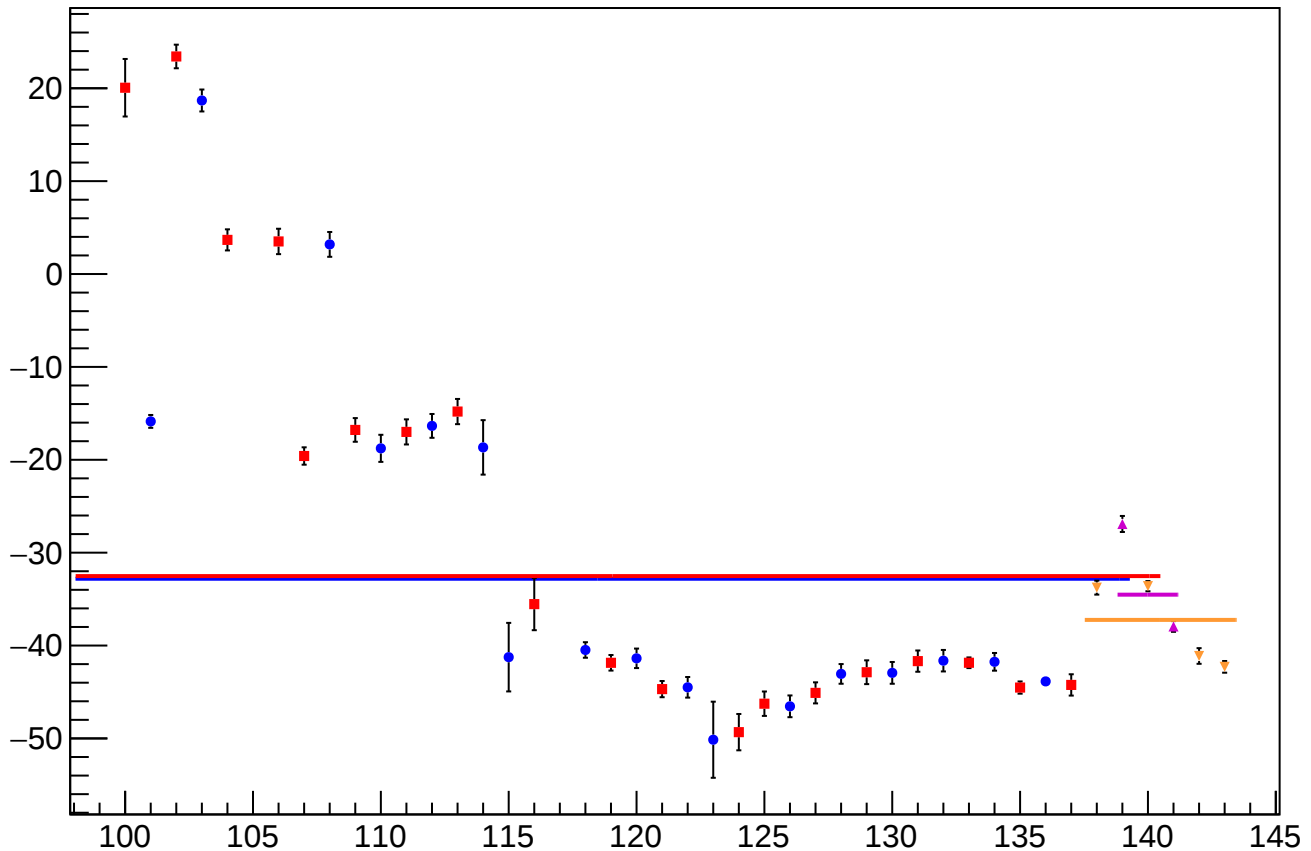
Right: 2.482 ± 0.280 χ^2/NDF : 98.7/35

In: -1.226 ± 0.293 χ^2/NDF : 188.5/18

Out: -2.292 ± 0.266 χ^2/NDF : 400.9/22

All: -1.809 ± 0.197 χ^2/NDF : 596.7/41

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: -37.239 ± 0.333 $\chi^2/\text{NDF}: 150.6/3$

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: -36.357 ± 0.274 $\chi^2/\text{NDF}: 285.0/5$

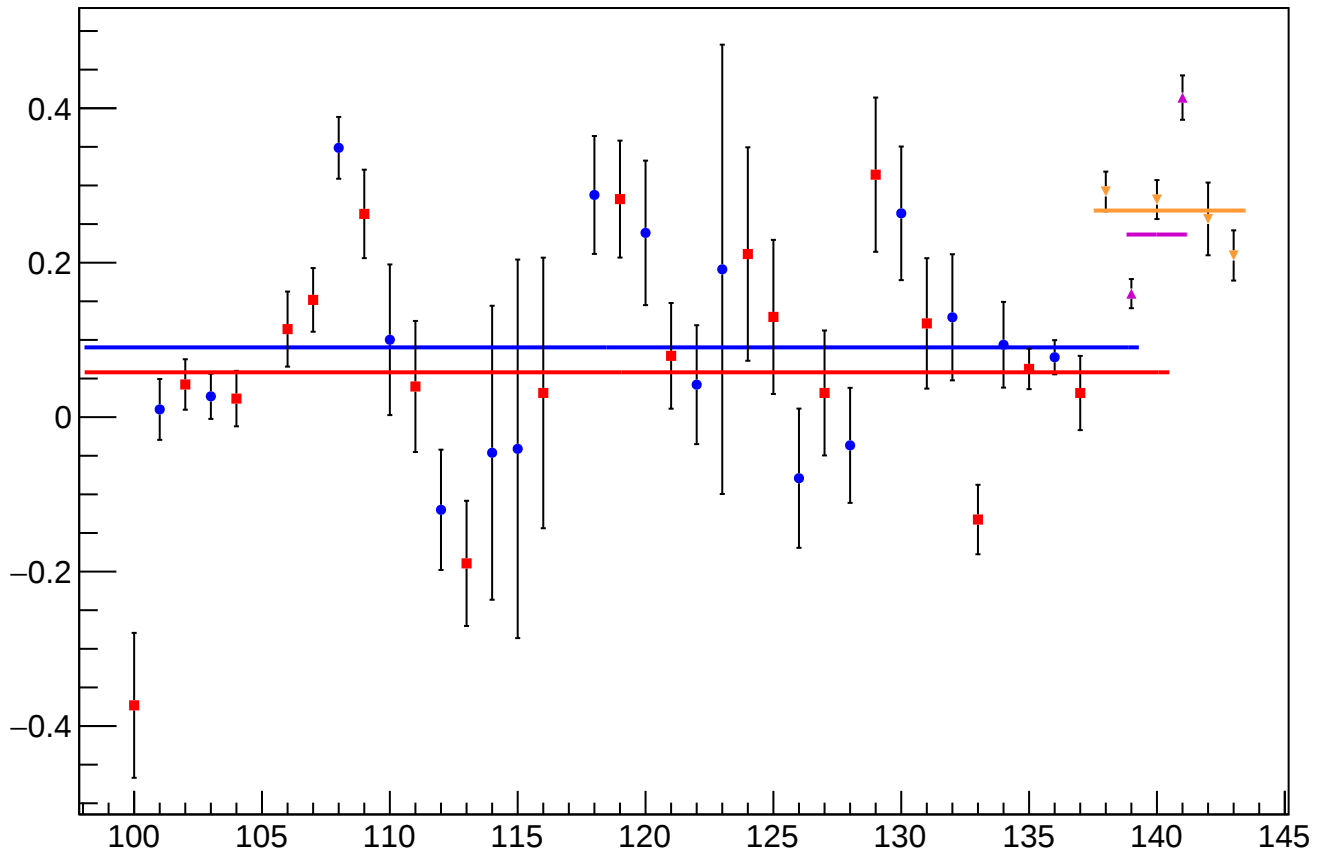
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -33.181 ± 0.225 $\chi^2/\text{NDF}: 4785.5/18$

Out: -34.166 ± 0.197 $\chi^2/\text{NDF}: 6321.5/22$

All: -33.739 ± 0.148 $\chi^2/\text{NDF}: 11117.8/41$

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: 0.268 $\pm$ 0.015 χ^2 /NDF:4.5/3

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: 0.253 $\pm$ 0.011 χ^2 /NDF: 61.1/5

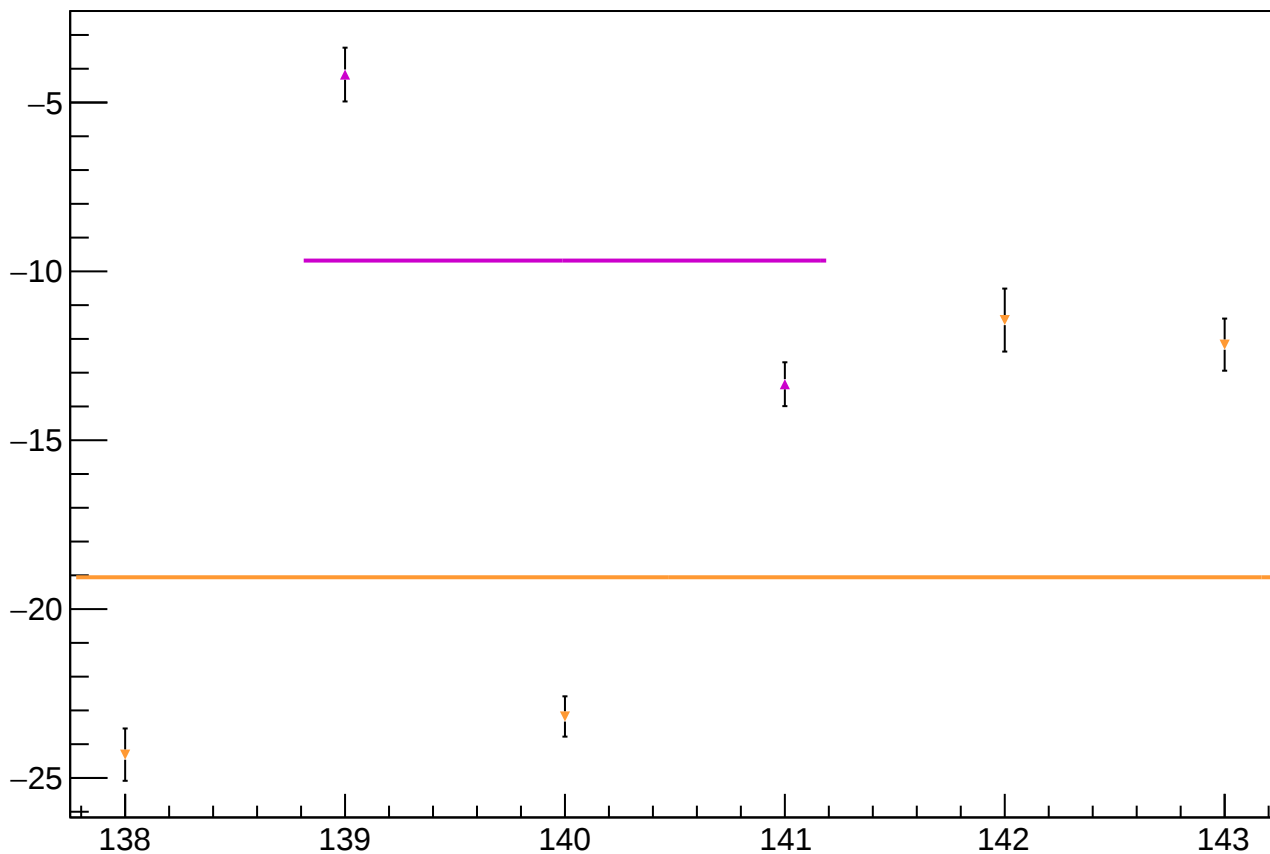
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.148 $\pm$ 0.010 χ^2 /NDF:185.9/18

Out: 0.141 $\pm$ 0.009 χ^2 /NDF:210.0/22

All: 0.145 $\pm$ 0.007 χ^2 /NDF: 396.2/41

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.057+/-0.370 χ^2/NDF :240.0/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.680+/-0.503 χ^2/NDF :79.6/1

Left: -15.766+/-0.298 χ^2/NDF : 545.0/5

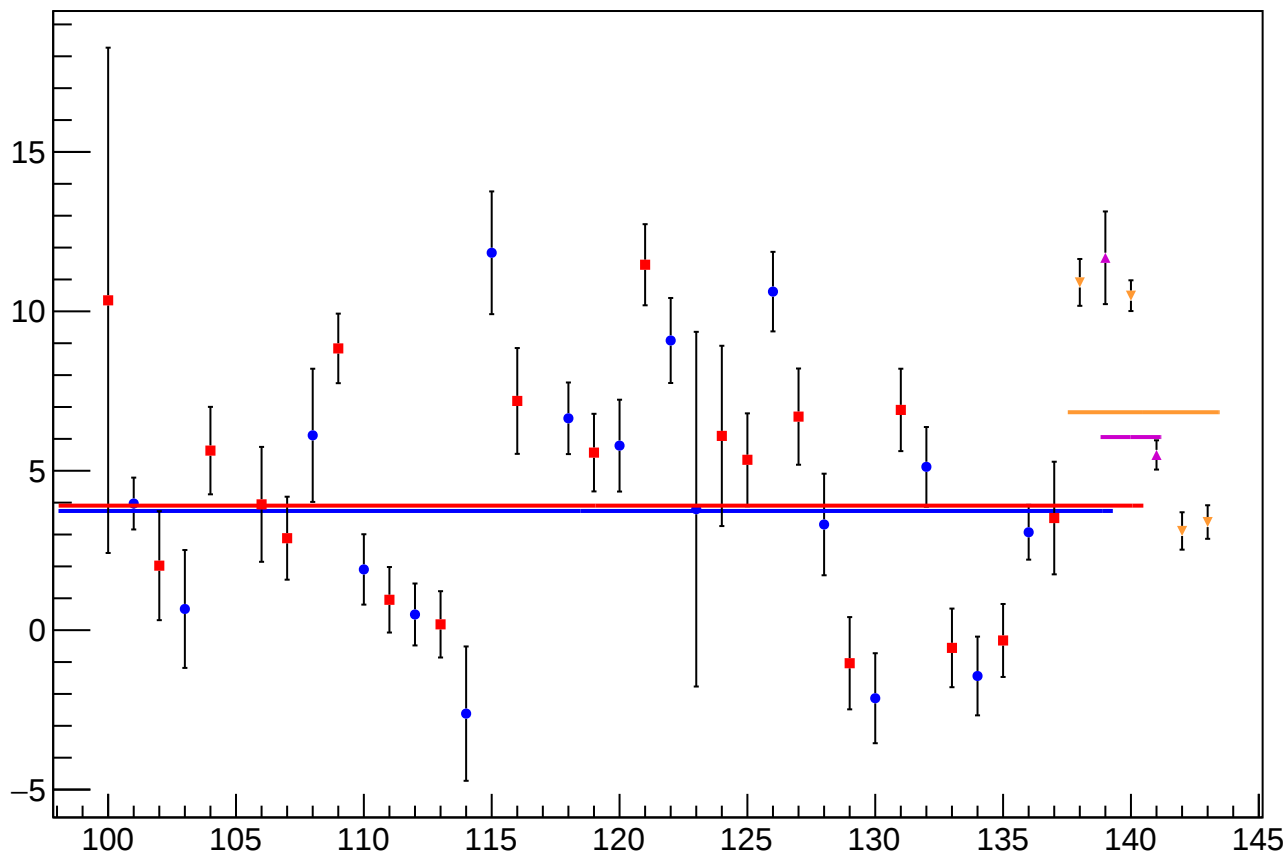
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.680+/-0.503 χ^2/NDF :79.6/1

Out: -19.057+/-0.370 χ^2/NDF :240.0/3

All: -15.766+/-0.298 χ^2/NDF : 545.0/5

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 6.836 ± 0.281 χ^2/NDF : 171.3/3

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 6.057 ± 0.438 χ^2/NDF : 16.5/1

Left: 6.609 ± 0.236 χ^2/NDF : 190.0/5

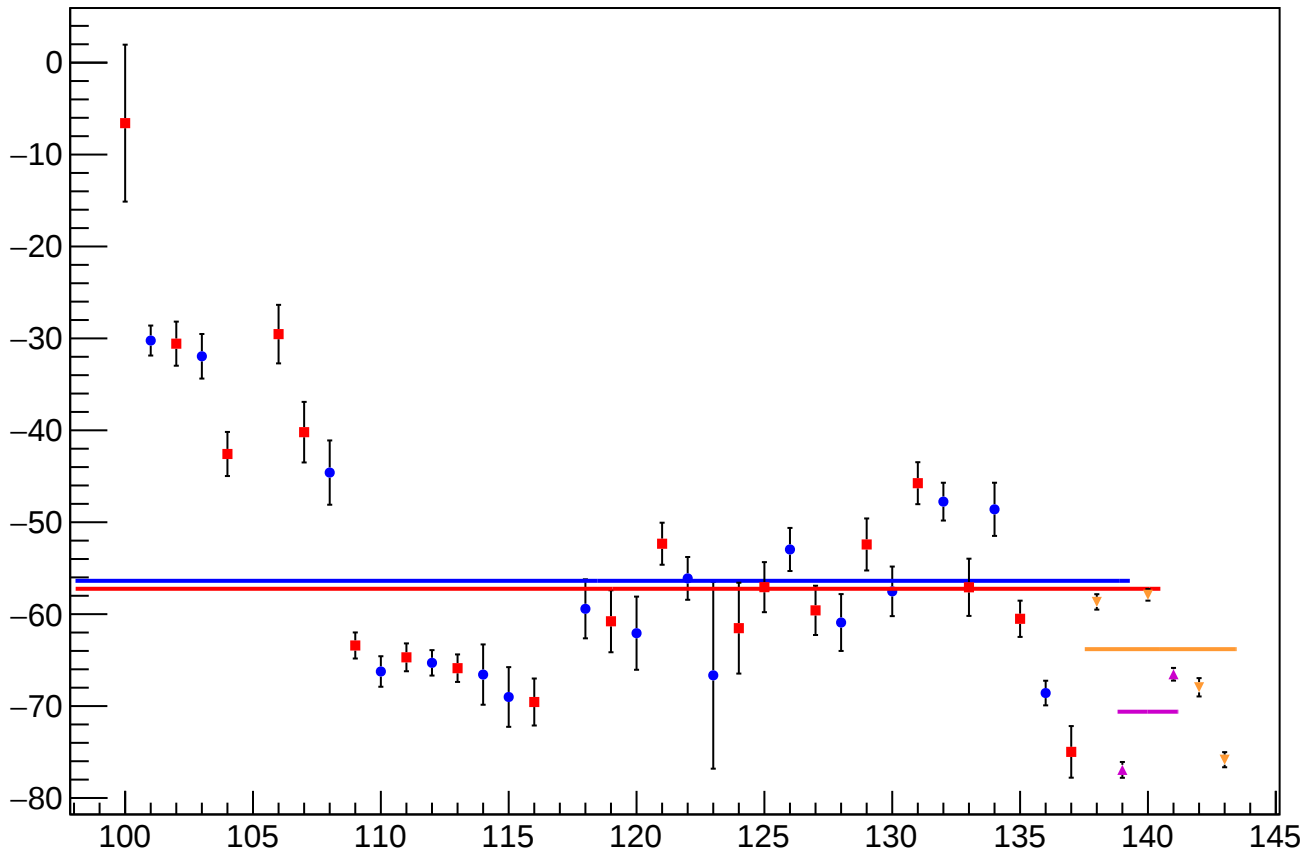
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 4.510 ± 0.252 χ^2/NDF : 172.1/18

Out: 5.542 ± 0.210 χ^2/NDF : 354.8/22

All: 5.120 ± 0.161 χ^2/NDF : 536.7/41

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: -63.806+/-0.396 χ^2/NDF : 355.0/3

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: -66.195+/-0.319 χ^2/NDF : 547.6/5

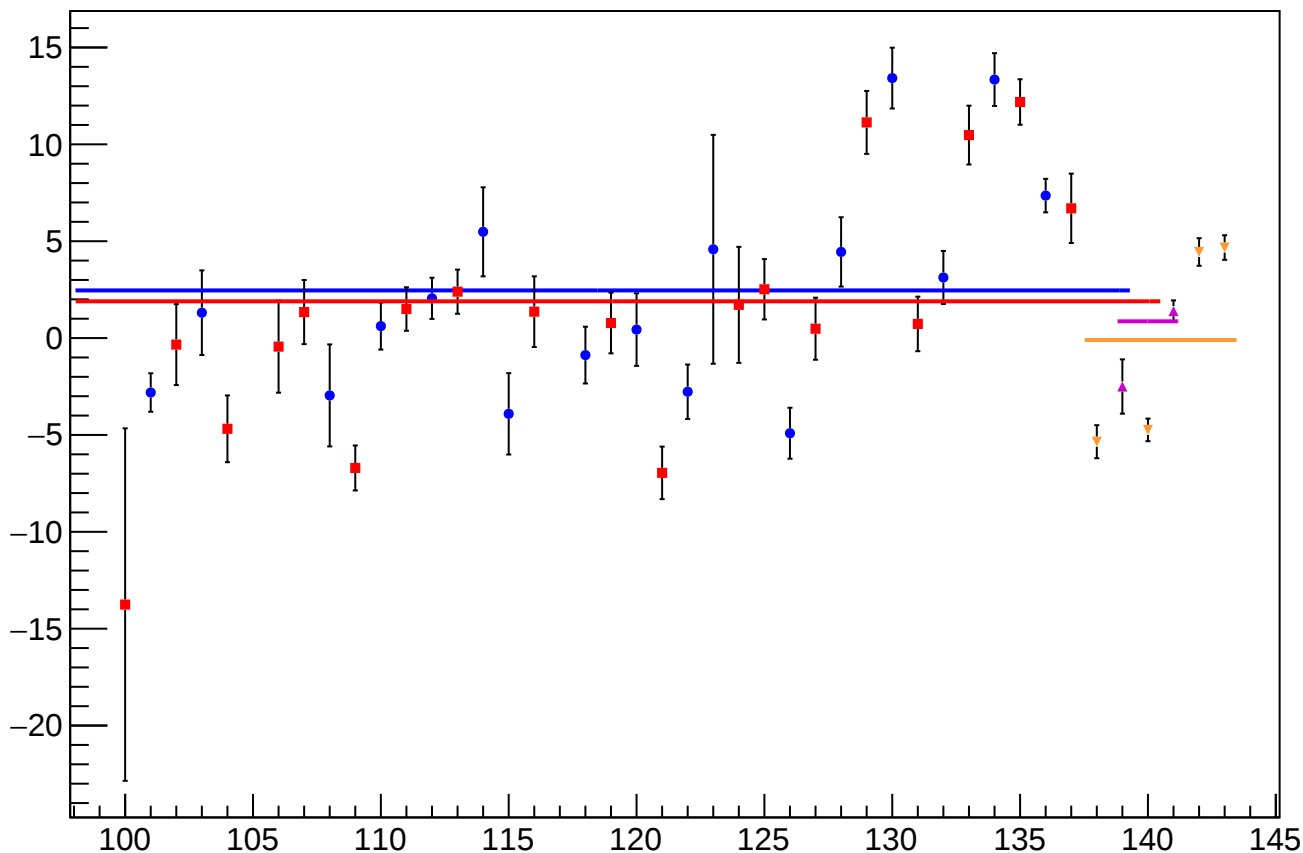
Right: -56.812+/-0.381 χ^2/NDF : 1065.2/35

In: -63.551+/-0.382 χ^2/NDF : 1023.2/18

Out: -61.487+/-0.318 χ^2/NDF : 928.4/22

All: -62.333+/-0.245 χ^2/NDF : 1968.9/41

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: -0.100 $\pm$ 0.338 χ^2 /NDF:198.2/3

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 0.865 $\pm$ 0.515 χ^2 /NDF:6.7/1

Left: 0.190 $\pm$ 0.283 χ^2 /NDF: 207.4/5

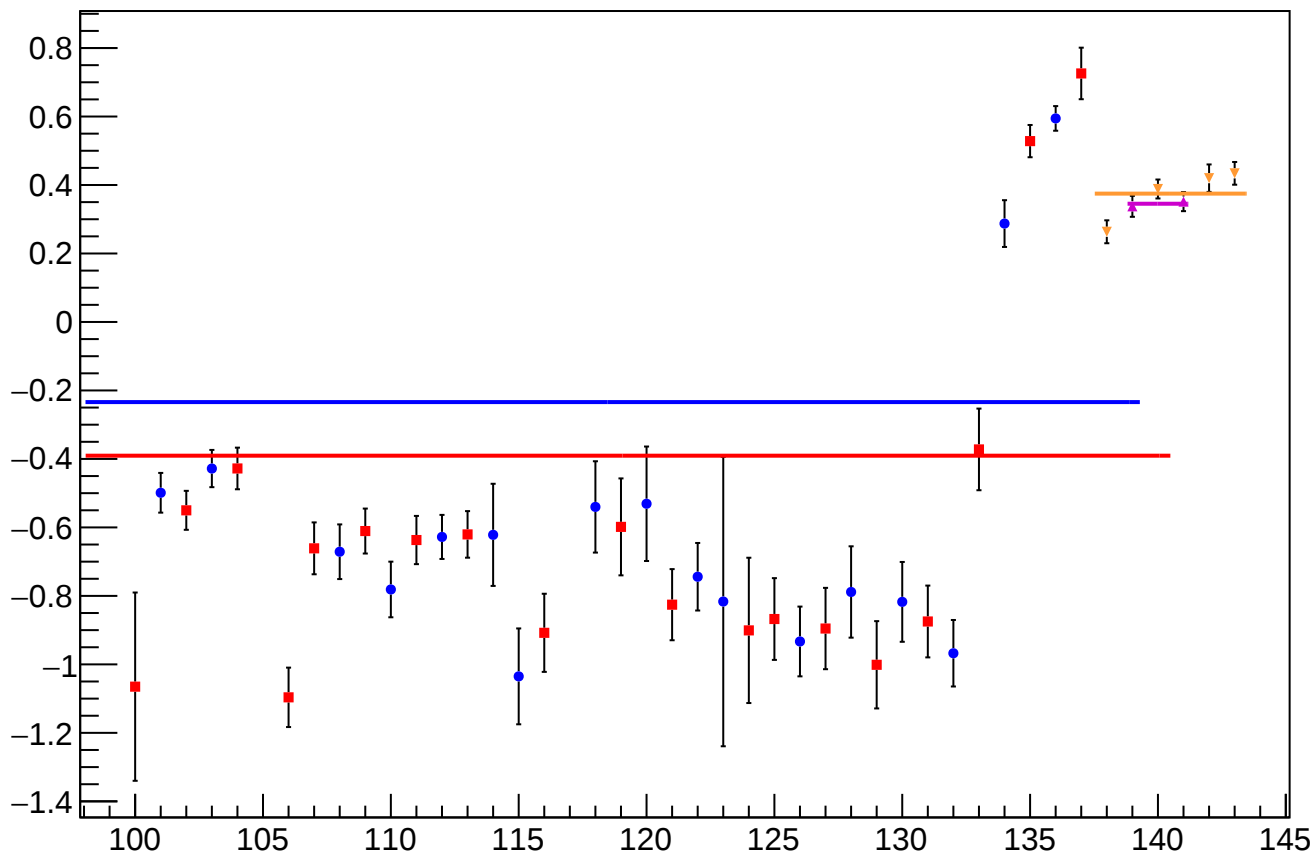
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 1.964 $\pm$ 0.287 χ^2 /NDF:257.2/18

Out: 0.850 $\pm$ 0.245 χ^2 /NDF:482.9/22

All: 1.318 $\pm$ 0.186 χ^2 /NDF: 748.9/41

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: 0.375 ± 0.016 χ^2/NDF : 15.8/3

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: 0.363 ± 0.013 χ^2/NDF : 17.1/5

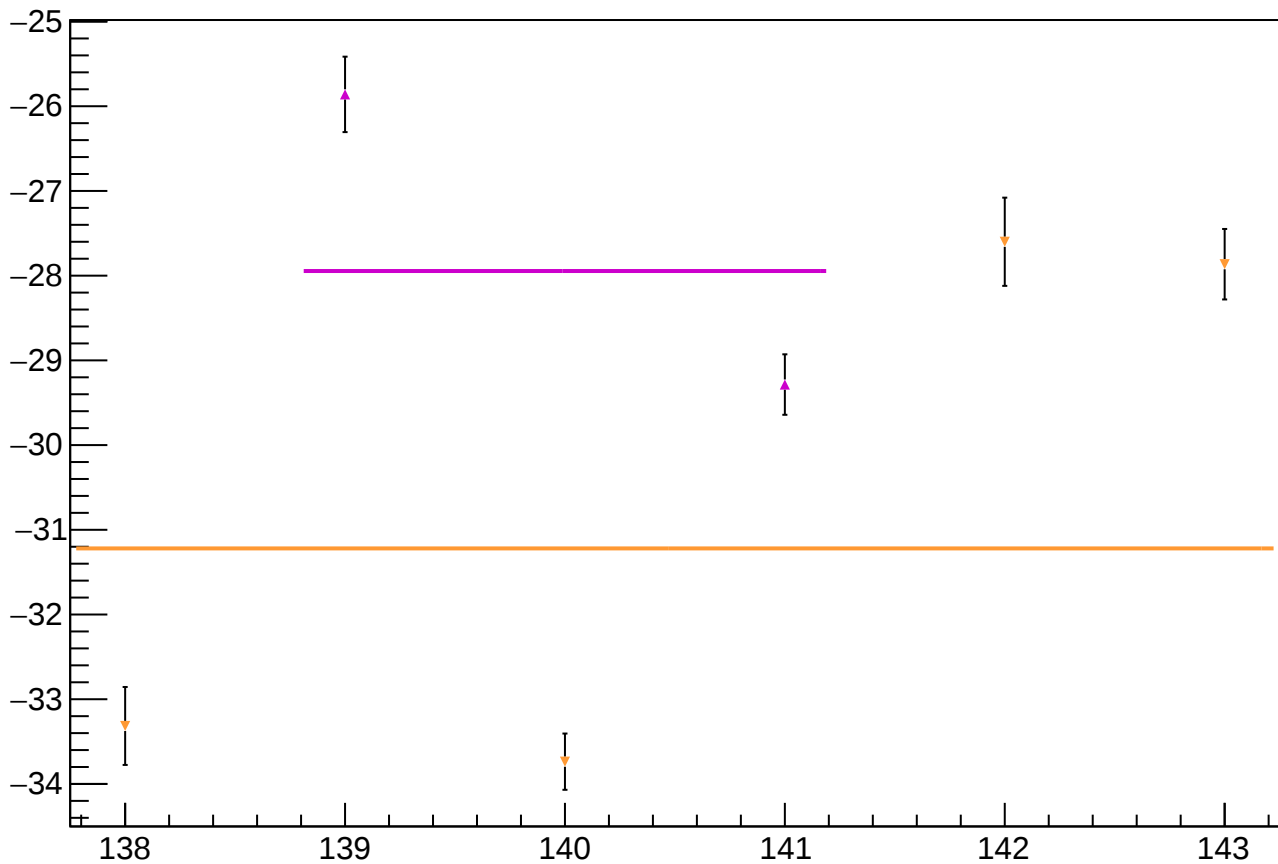
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.030 ± 0.014 χ^2/NDF : 1387.1/18

Out: 0.048 ± 0.012 χ^2/NDF : 1801.5/22

All: 0.040 ± 0.009 χ^2/NDF : 3189.4/41

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: -31.220+/-0.207 χ^2/NDF :191.6/3

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: -30.052+/-0.166 χ^2/NDF : 316.6/5

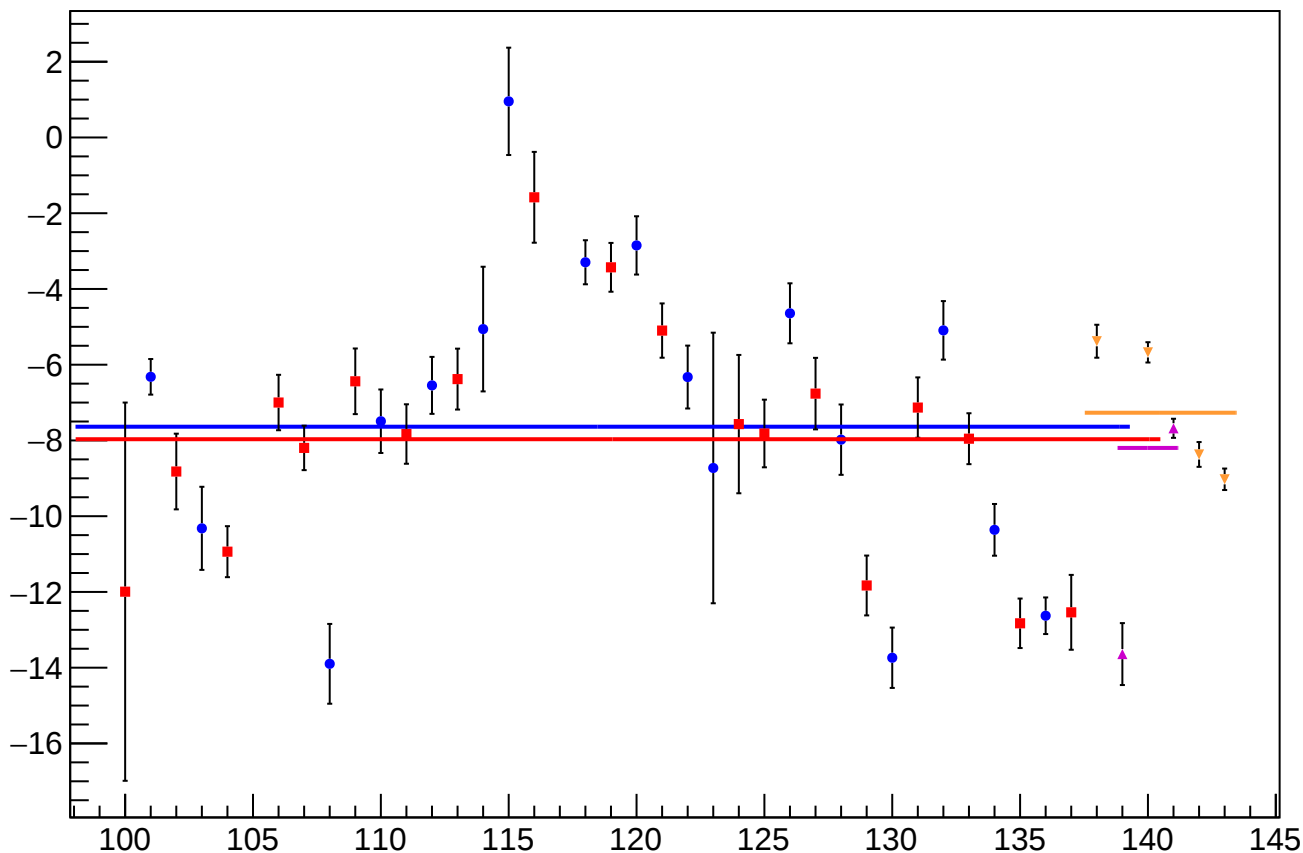
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.945+/-0.278 χ^2/NDF :36.0/1

Out: -31.220+/-0.207 χ^2/NDF :191.6/3

All: -30.052+/-0.166 χ^2/NDF : 316.6/5

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.268 ± 0.156 χ^2/NDF : 103.9/3

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -8.198 ± 0.241 χ^2/NDF : 48.5/1

Left: -7.543 ± 0.131 χ^2/NDF : 162.9/5

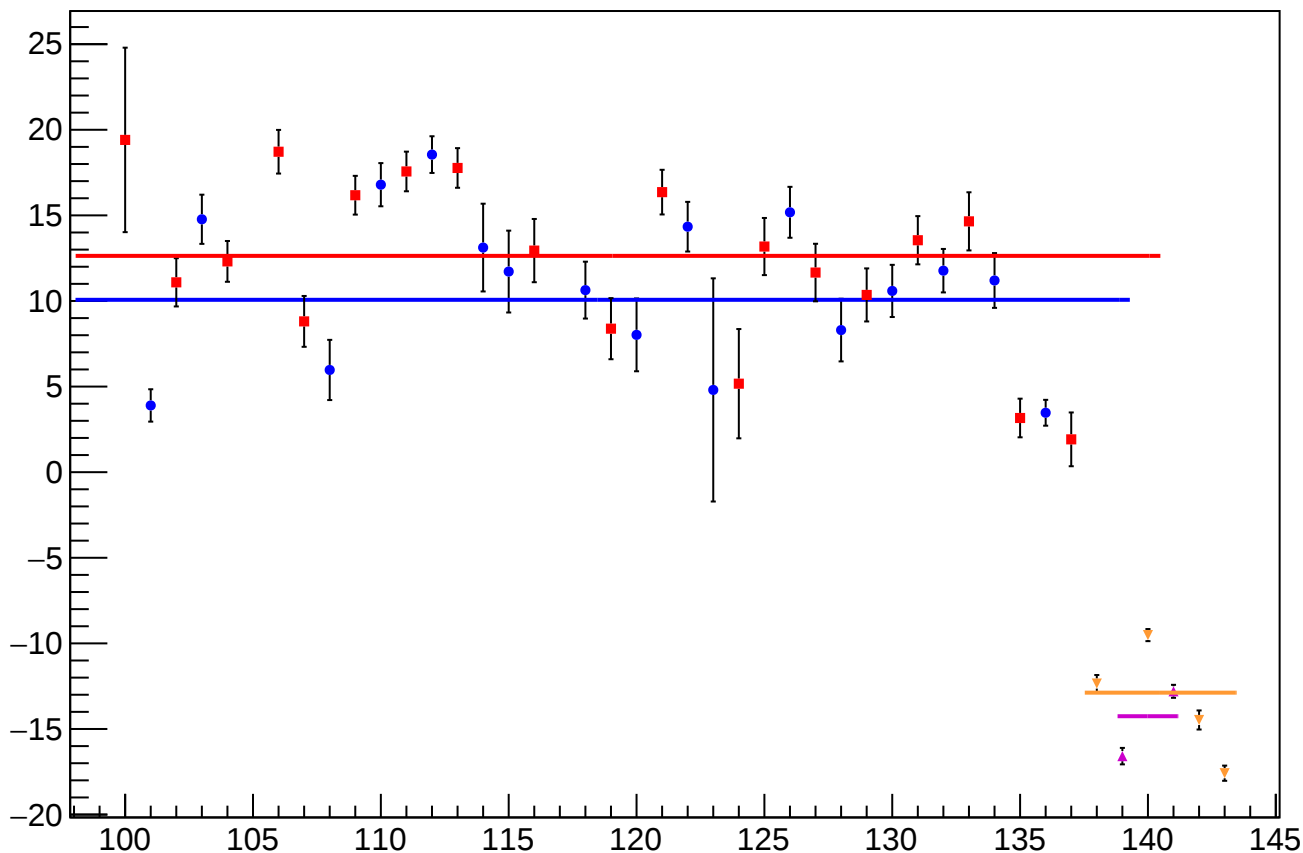
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.846 ± 0.147 χ^2/NDF : 445.9/18

Out: -7.558 ± 0.120 χ^2/NDF : 339.4/22

All: -7.673 ± 0.093 χ^2/NDF : 787.6/41

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: -12.878 ± 0.222 χ^2/NDF : 212.3/3

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: -13.369 ± 0.178 χ^2/NDF : 264.3/5

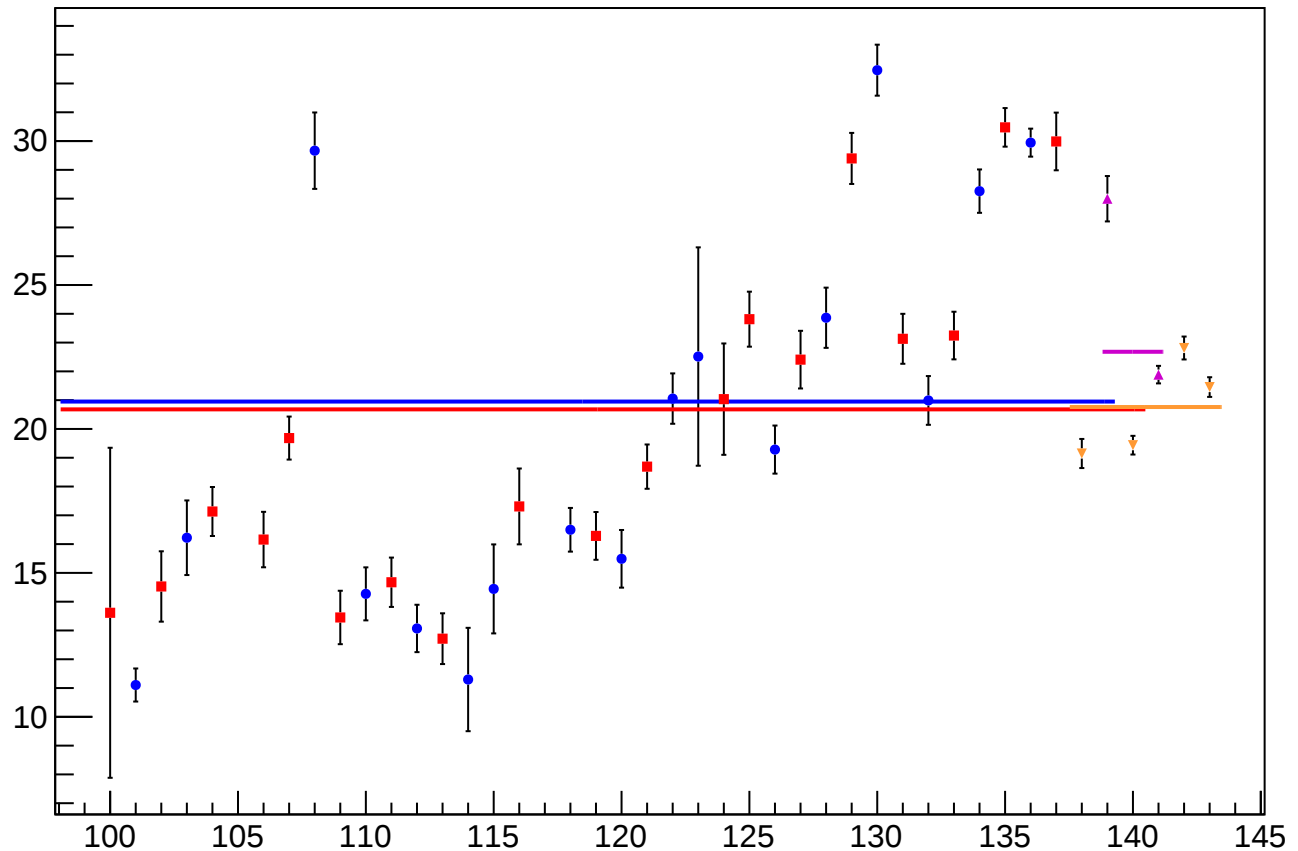
Right: 11.370 ± 0.237 χ^2/NDF : 503.5/35

In: -3.601 ± 0.223 χ^2/NDF : 3212.0/18

Out: -5.022 ± 0.184 χ^2/NDF : 4508.4/22

All: -4.445 ± 0.142 χ^2/NDF : 7744.4/41

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: 20.762+/-0.188 χ^2/NDF : 57.5/3

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: 21.346+/-0.157 χ^2/NDF : 141.5/5

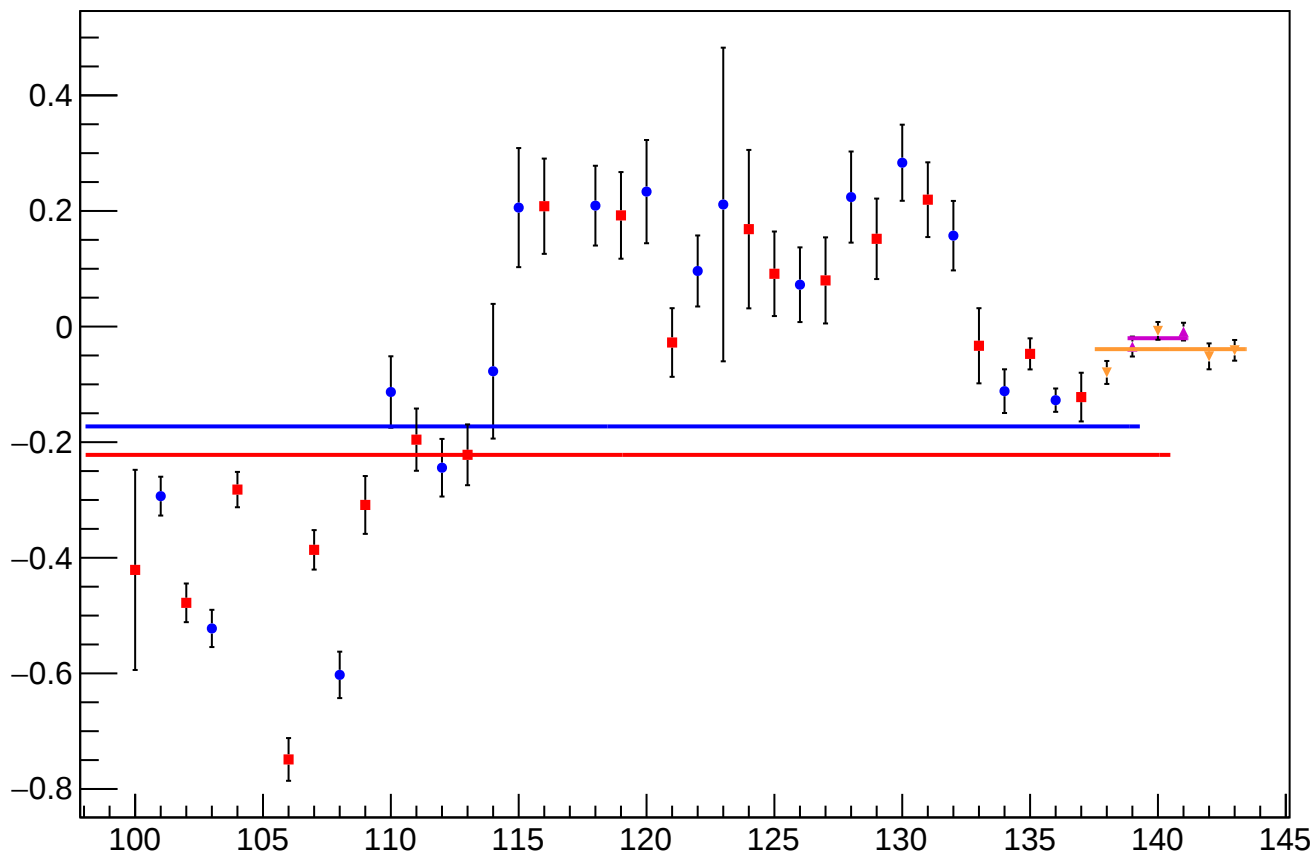
Right: 20.818+/-0.149 χ^2/NDF : 1952.1/35

In: 21.562+/-0.169 χ^2/NDF : 1299.0/18

Out: 20.726+/-0.141 χ^2/NDF : 786.1/22

All: 21.069+/-0.108 χ^2/NDF : 2099.5/41

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 $\chi^2/\text{NDF}: 460.3/16$

Left Out: -0.039 ± 0.009 $\chi^2/\text{NDF}: 8.7/3$

Right Out: -0.222 ± 0.011 $\chi^2/\text{NDF}: 536.5/18$

Left In: -0.020 ± 0.011 $\chi^2/\text{NDF}: 1.3/1$

Left: -0.032 ± 0.007 $\chi^2/\text{NDF}: 11.6/5$

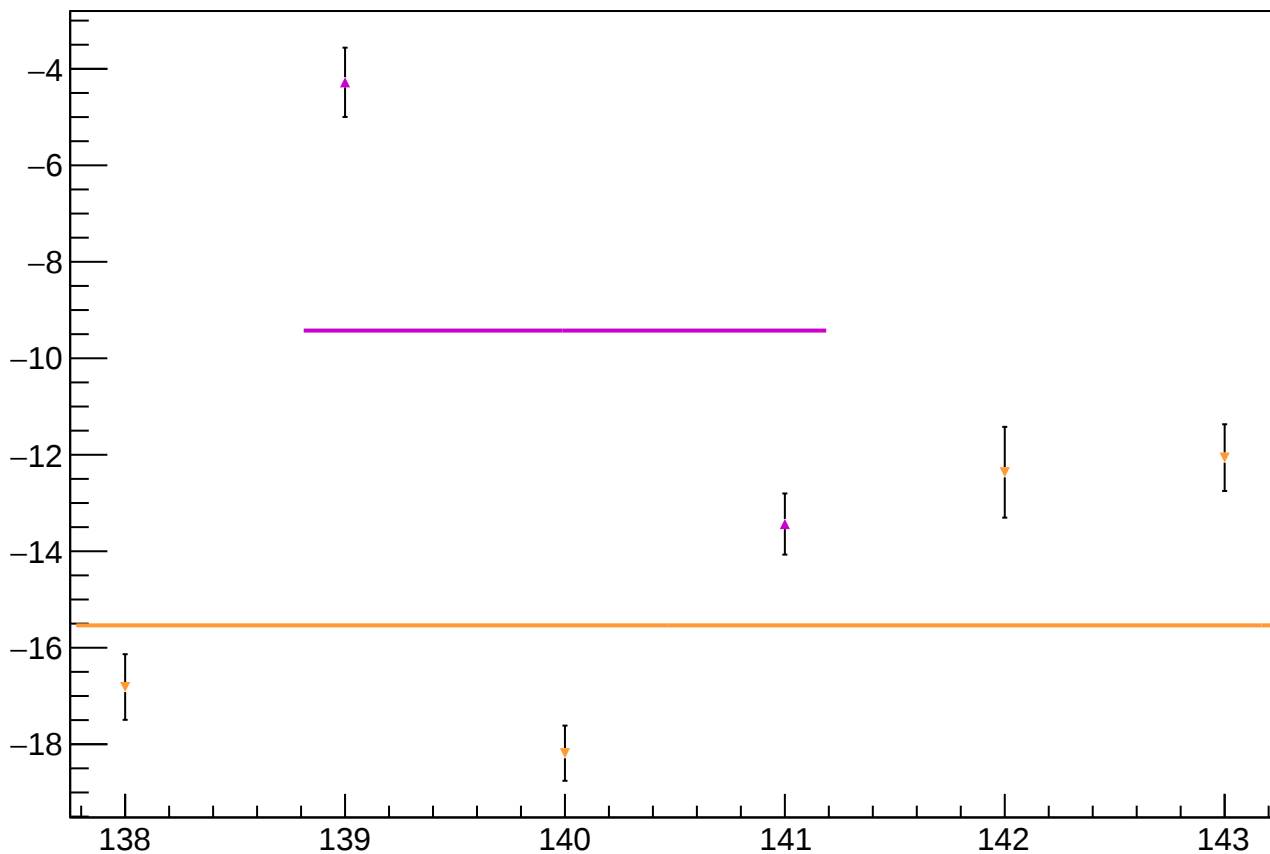
Right: -0.198 ± 0.008 $\chi^2/\text{NDF}: 1006.7/35$

In: -0.098 ± 0.008 $\chi^2/\text{NDF}: 552.3/18$

Out: -0.115 ± 0.007 $\chi^2/\text{NDF}: 709.2/22$

All: -0.107 ± 0.005 $\chi^2/\text{NDF}: 1263.8/41$

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: -15.536+/-0.344 χ^2/NDF : 61.7/3

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: -13.433+/-0.279 χ^2/NDF : 261.5/5

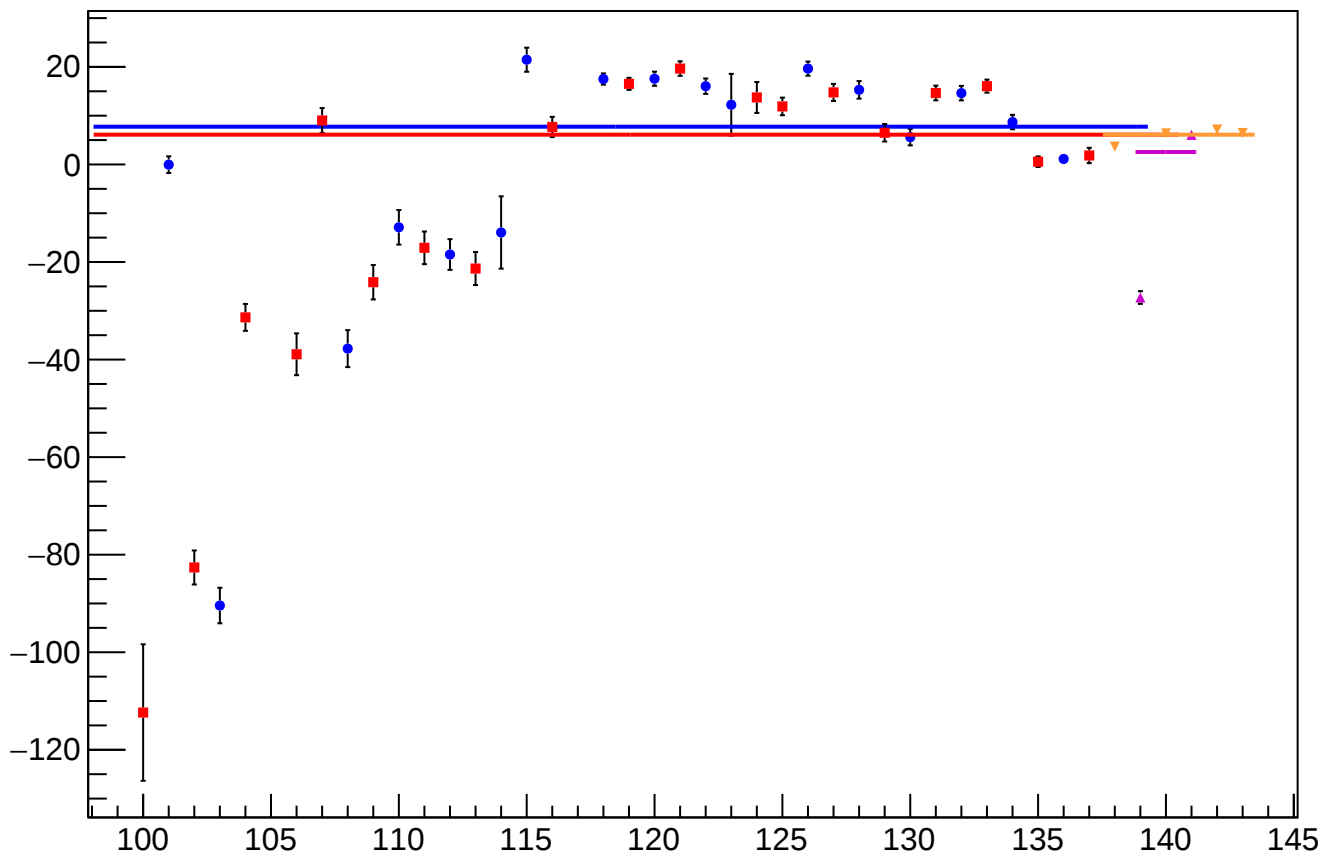
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.425+/-0.475 χ^2/NDF : 91.4/1

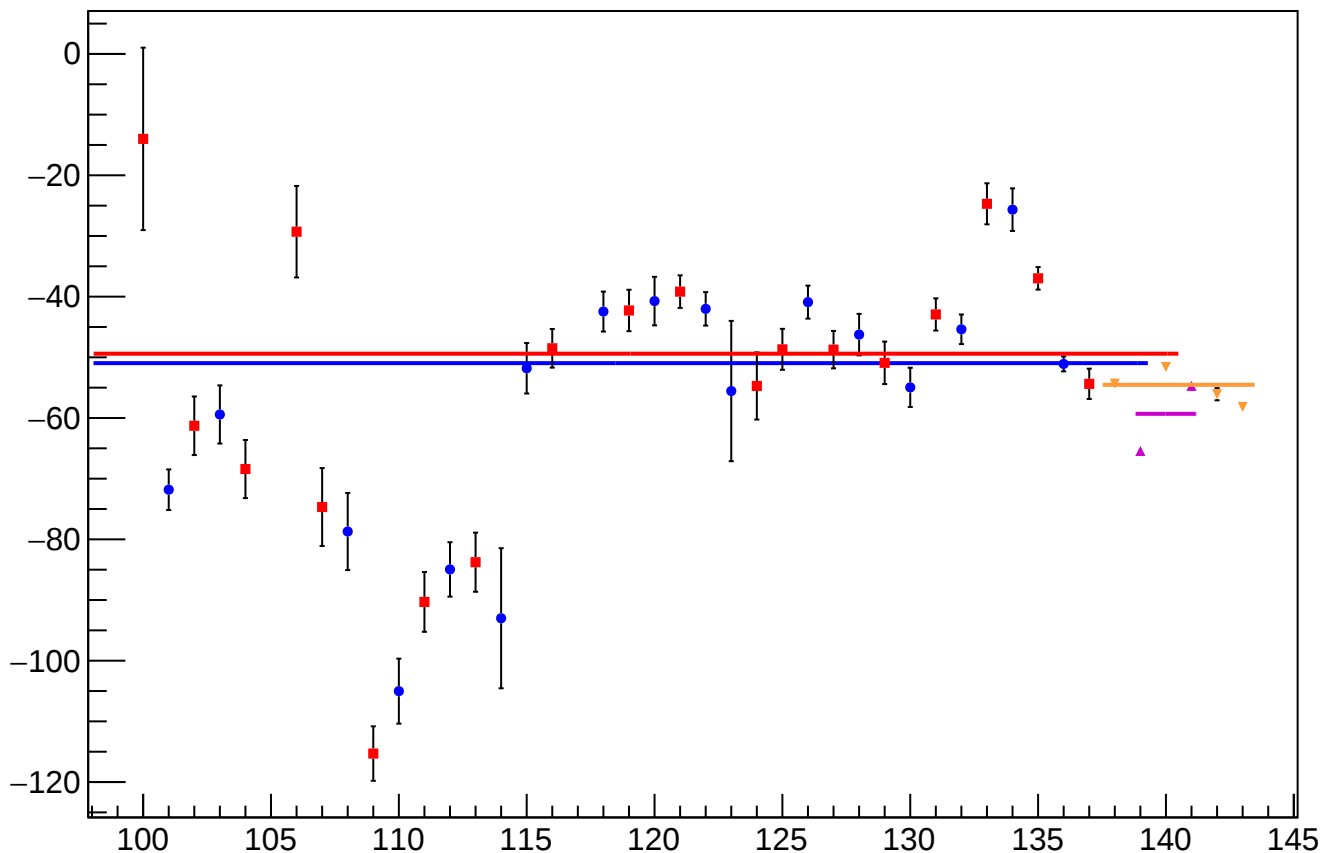
Out: -15.536+/-0.344 χ^2/NDF : 61.7/3

All: -13.433+/-0.279 χ^2/NDF : 261.5/5

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -54.530 ± 0.369 χ^2/NDF : 50.1/3

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: -56.175 ± 0.299 χ^2/NDF : 216.8/5

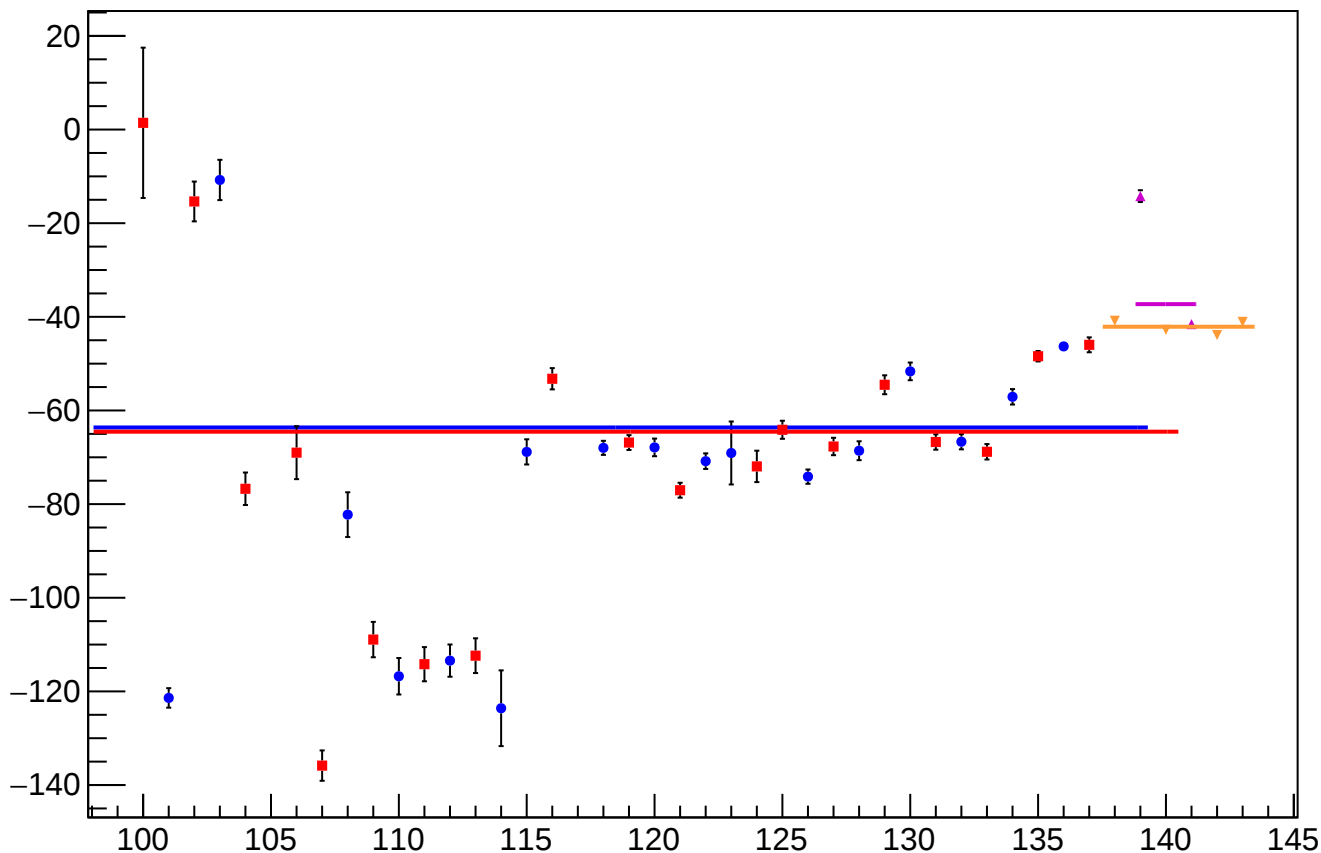
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -56.622 ± 0.419 χ^2/NDF : 527.5/18

Out: -53.626 ± 0.334 χ^2/NDF : 596.1/22

All: -54.792 ± 0.261 χ^2/NDF : 1154.9/41

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: -42.116 ± 0.317 χ^2/NDF : 13.7/3

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -37.288 ± 0.498 χ^2/NDF : 397.6/1

Left: -40.724 ± 0.267 χ^2/NDF : 478.2/5

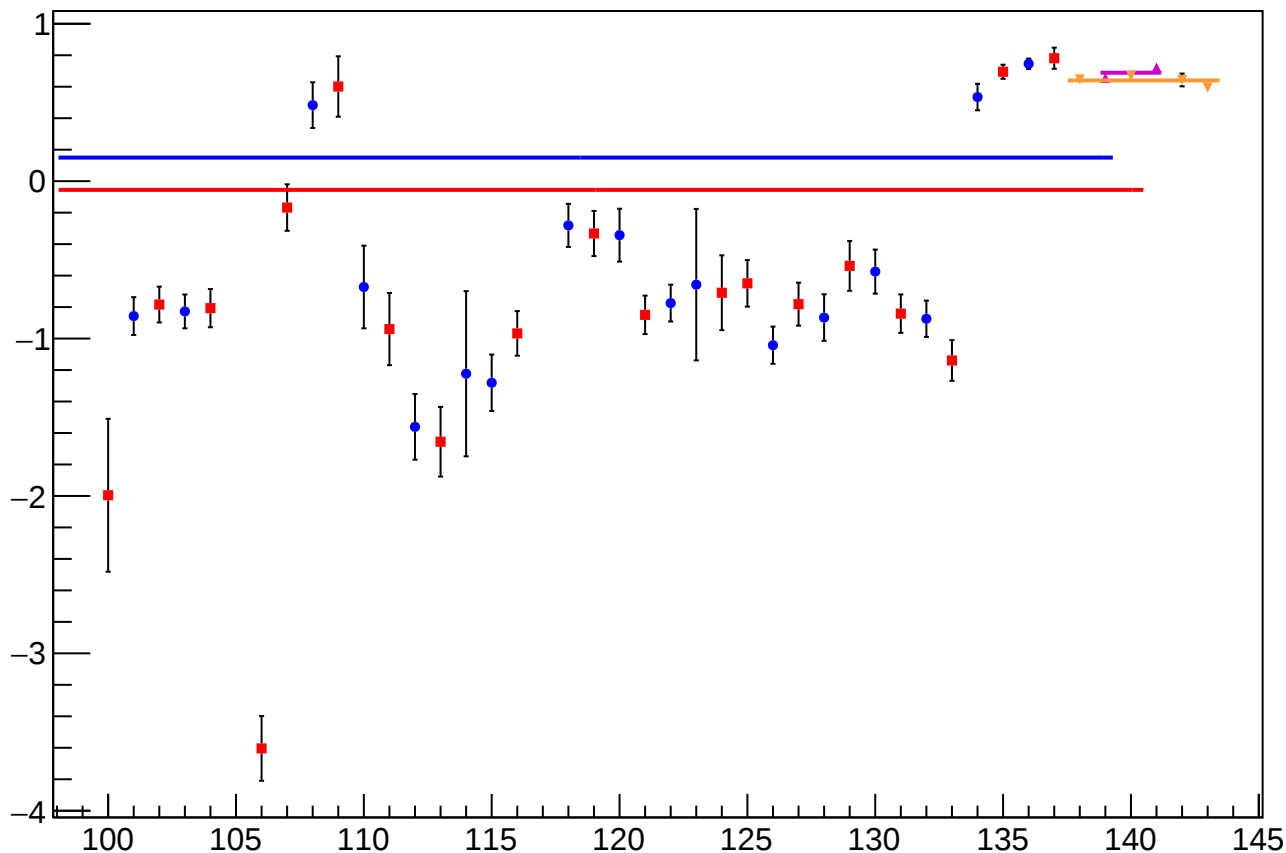
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -51.908 ± 0.332 χ^2/NDF : 3962.4/18

Out: -48.882 ± 0.265 χ^2/NDF : 3135.0/22

All: -50.058 ± 0.207 χ^2/NDF : 7148.1/41

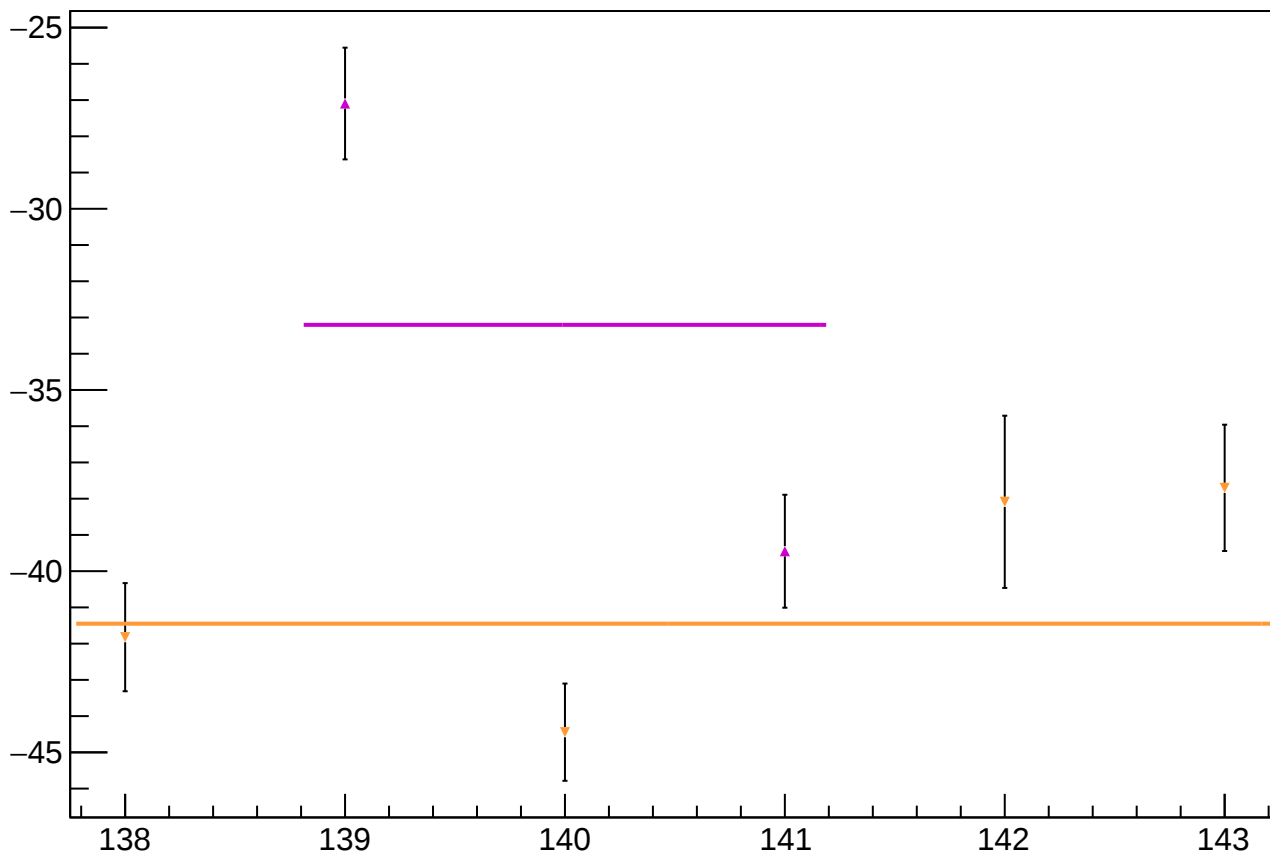
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.640 ± 0.015 χ^2/NDF : 3.6/3
 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: 0.659 ± 0.012 χ^2/NDF : 10.5/5
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.476 ± 0.015 χ^2/NDF : 1298.0/18
 Out: 0.464 ± 0.013 χ^2/NDF : 1700.1/22
 All: 0.469 ± 0.010 χ^2/NDF : 2998.4/41

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.450+/-0.813 χ^2/NDF :11.7/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.203+/-1.096 χ^2/NDF :31.8/1

Left: -38.520+/-0.653 χ^2/NDF : 79.9/5

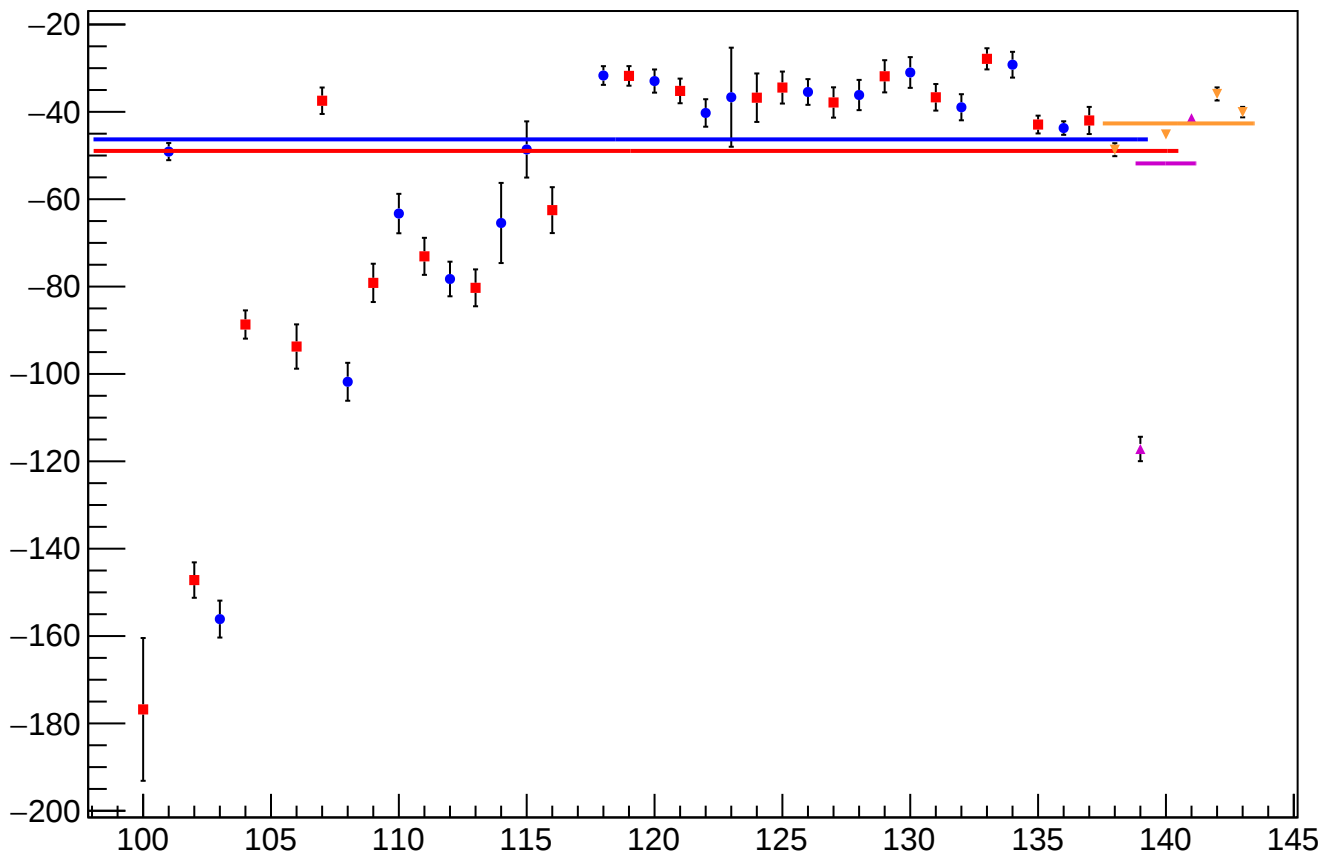
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.203+/-1.096 χ^2/NDF :31.8/1

Out: -41.450+/-0.813 χ^2/NDF :11.7/3

All: -38.520+/-0.653 χ^2/NDF : 79.9/5

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: -42.652 ± 0.642 χ^2/NDF : 46.6/3

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: -45.208 ± 0.545 χ^2/NDF : 738.1/5

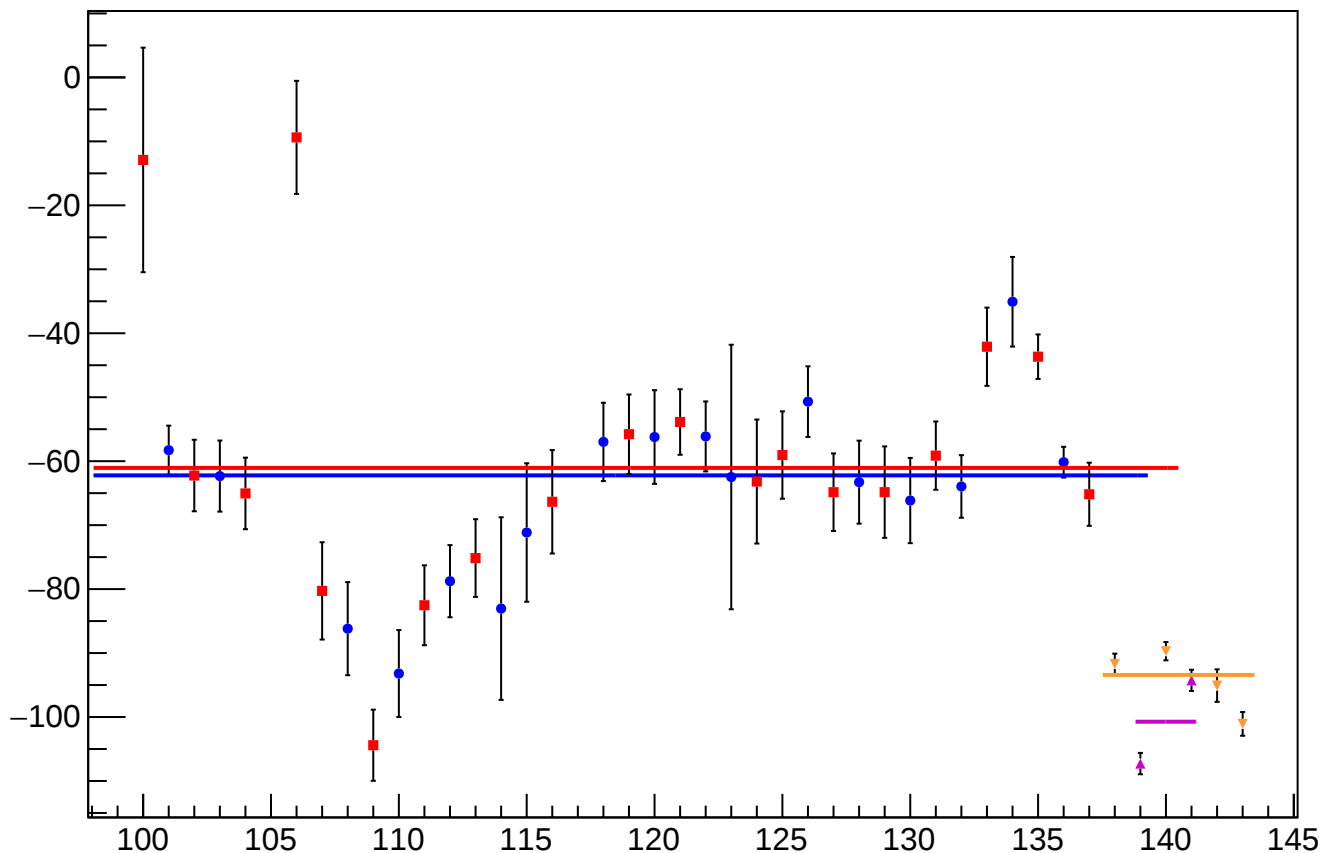
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -48.116 ± 0.592 χ^2/NDF : 1737.9/18

Out: -45.263 ± 0.491 χ^2/NDF : 1360.0/22

All: -46.426 ± 0.378 χ^2/NDF : 3111.6/41

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: -93.421 ± 0.872 χ^2/NDF : 25.2/3

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: -96.015 ± 0.700 χ^2/NDF : 80.8/5

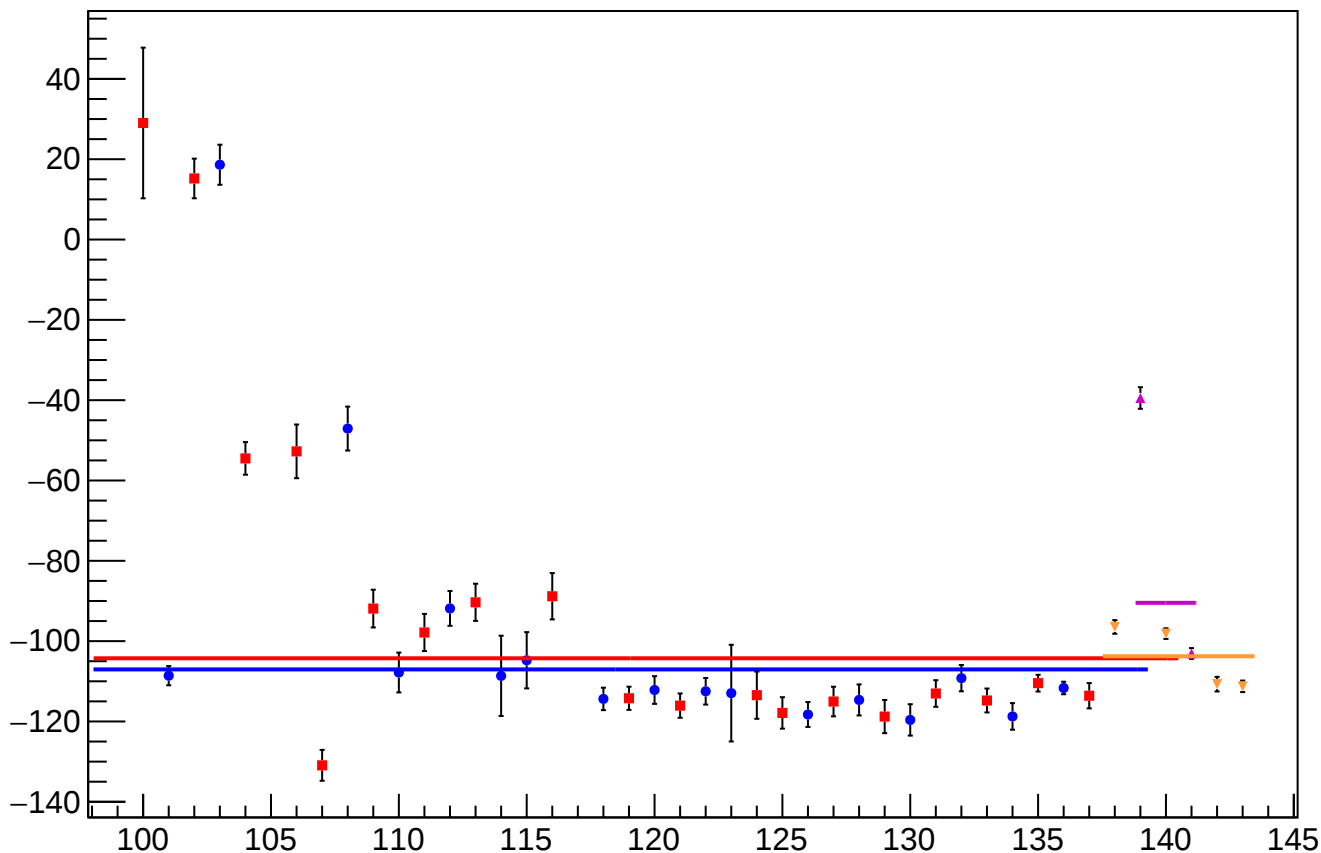
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -83.578 ± 0.875 χ^2/NDF : 576.0/18

Out: -84.176 ± 0.737 χ^2/NDF : 585.1/22

All: -83.928 ± 0.564 χ^2/NDF : 1161.4/41

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -103.768 ± 0.767 χ^2/NDF : 78.2/3

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -90.462 ± 1.197 χ^2/NDF : 448.8/1

Left: -99.895 ± 0.646 χ^2/NDF : 614.5/5

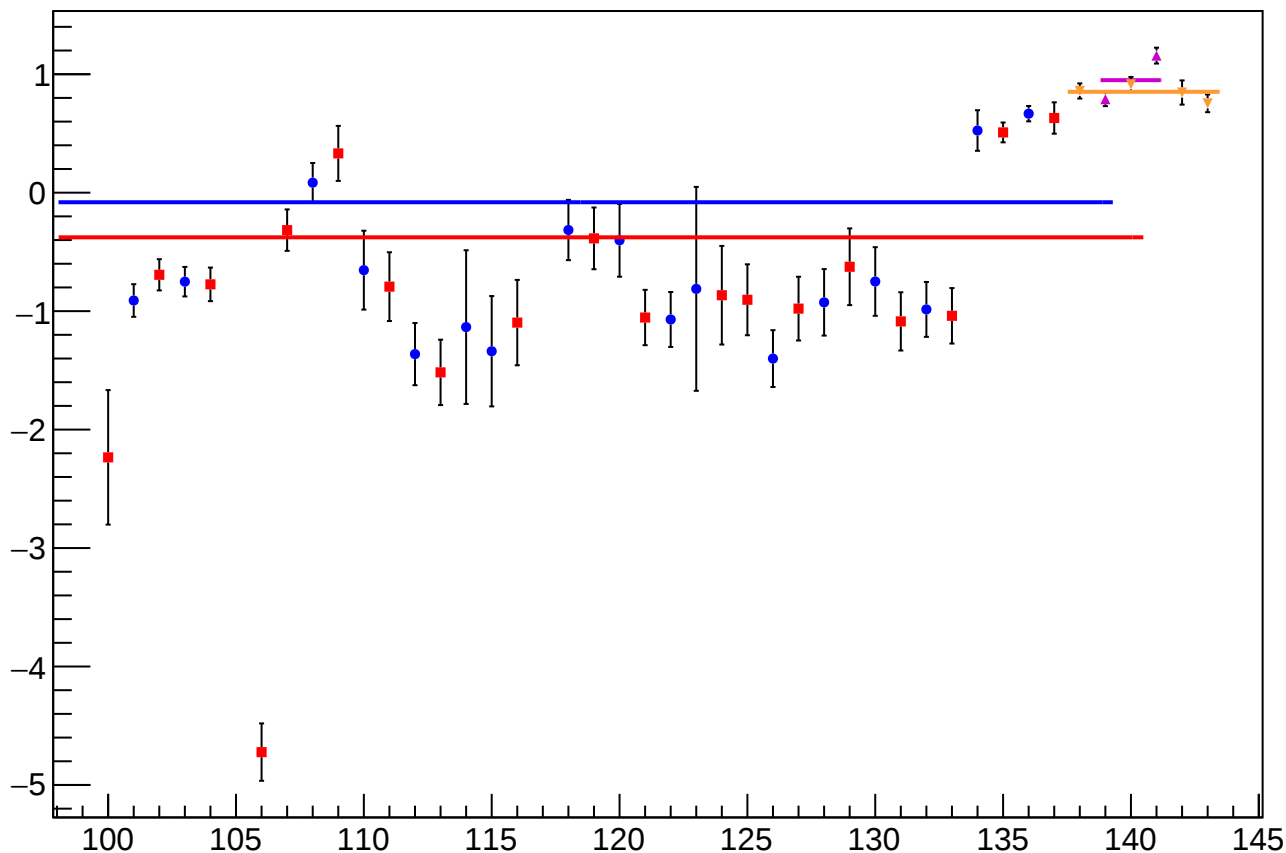
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -101.815 ± 0.672 χ^2/NDF : 1407.9/18

Out: -103.990 ± 0.572 χ^2/NDF : 1096.4/22

All: -103.076 ± 0.436 χ^2/NDF : 2510.4/41

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: 0.852 ± 0.036 χ^2/NDF : 2.7/3

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: 0.891 ± 0.028 χ^2/NDF : 22.7/5

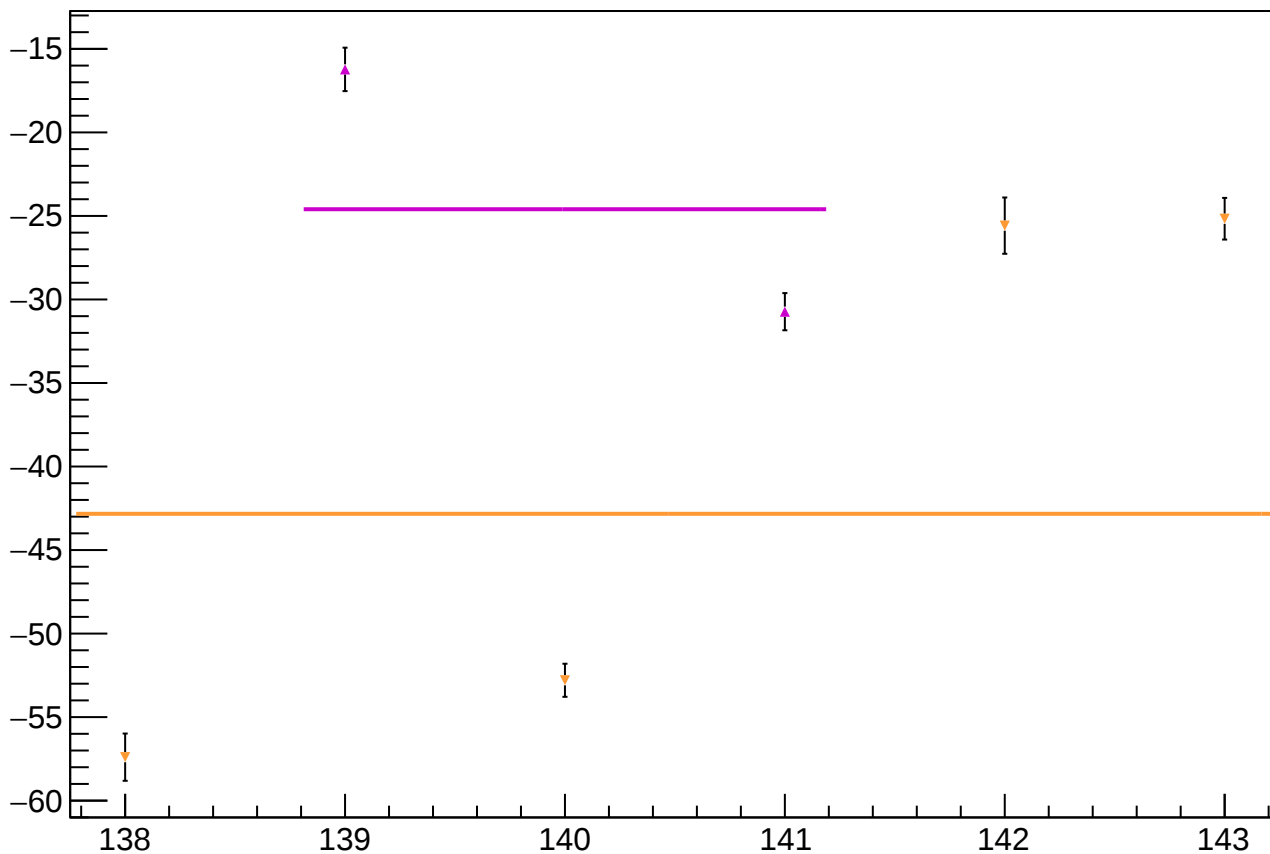
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.410 ± 0.031 χ^2/NDF : 630.1/18

Out: 0.360 ± 0.028 χ^2/NDF : 1056.3/22

All: 0.383 ± 0.021 χ^2/NDF : 1687.9/41

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: -42.831+/-0.631 χ^2/NDF :512.9/3

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: -36.314+/-0.505 χ^2/NDF : 883.5/5

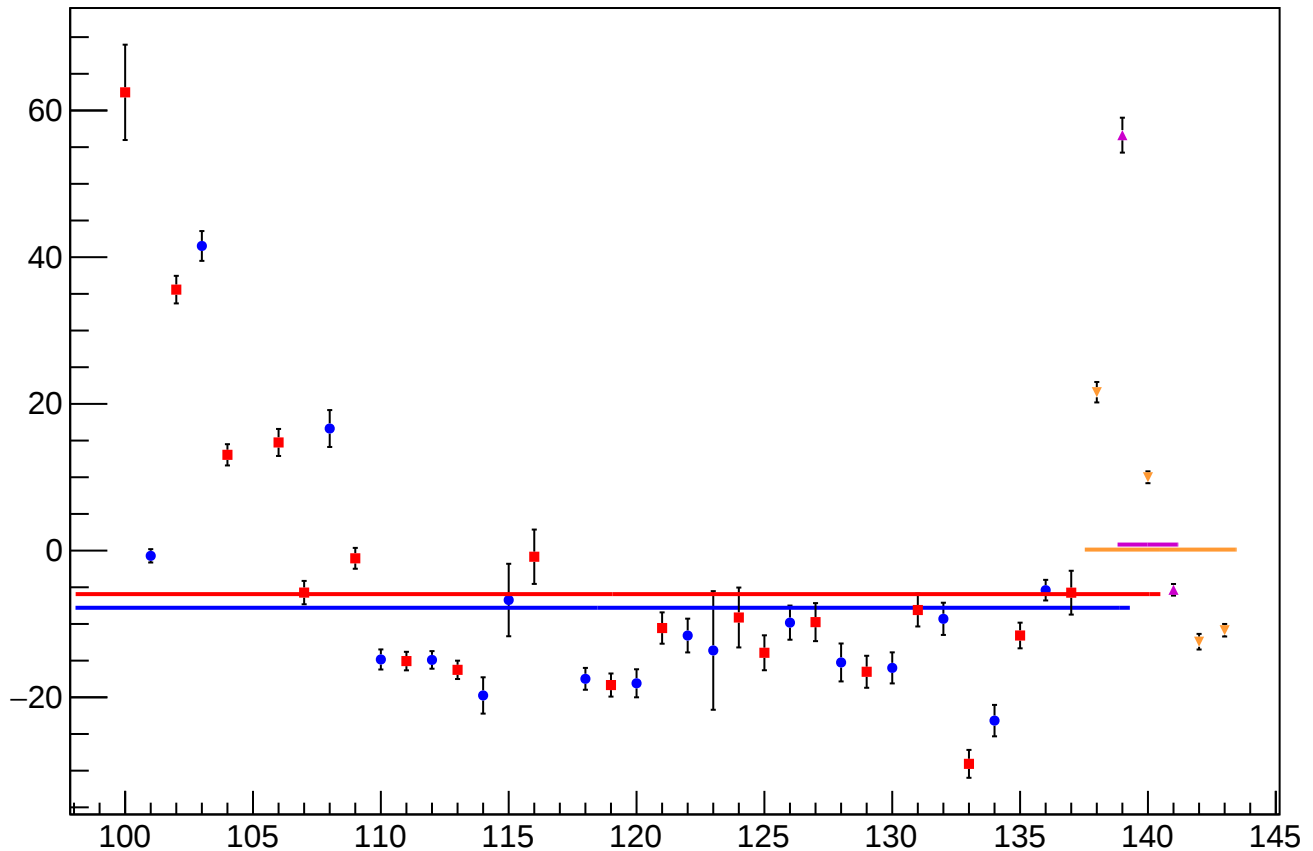
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.599+/-0.845 χ^2/NDF :71.8/1

Out: -42.831+/-0.631 χ^2/NDF :512.9/3

All: -36.314+/-0.505 χ^2/NDF : 883.5/5

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: 0.138 ± 0.482 χ^2/NDF : 690.3/3

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: 0.338 ± 0.406 χ^2/NDF : 1301.3/5

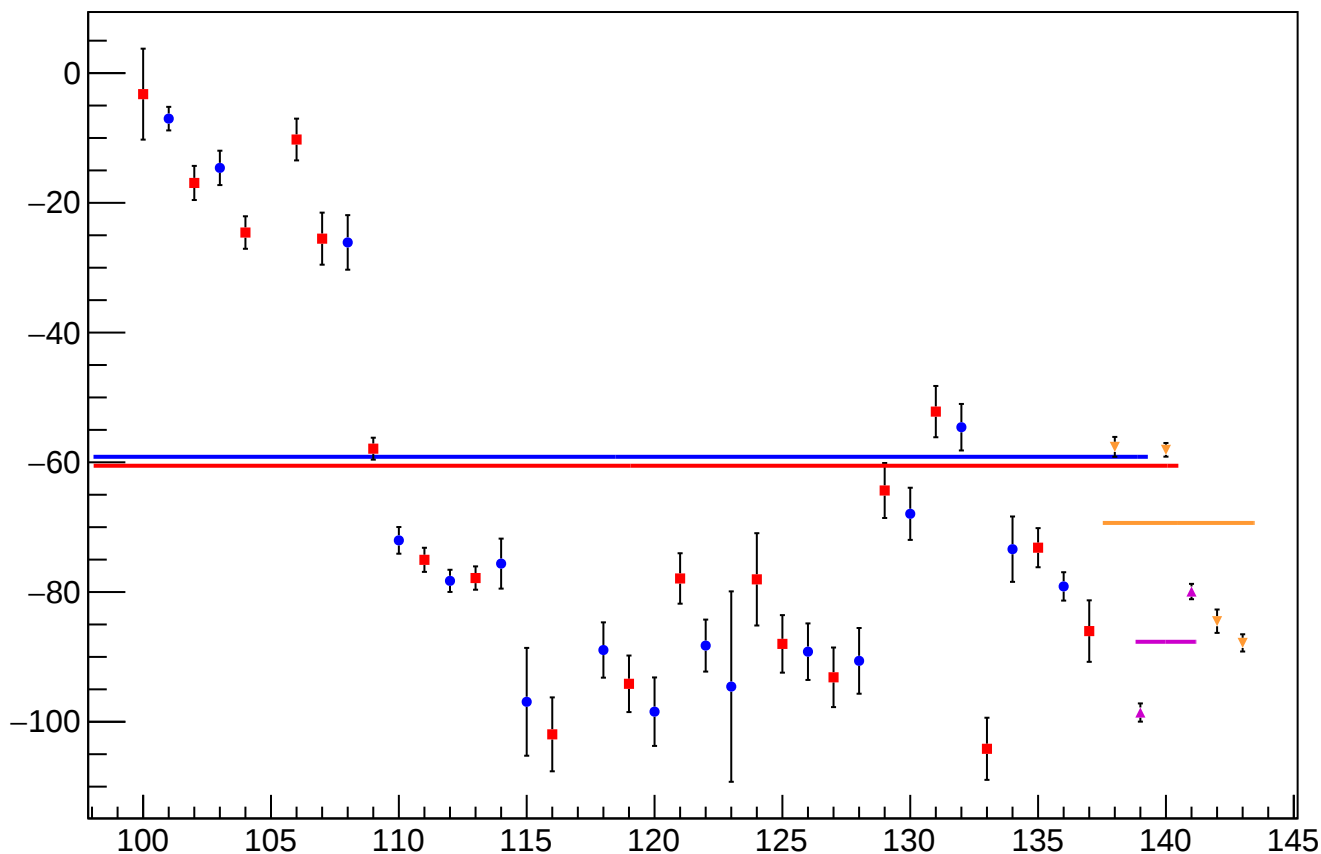
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -5.681 ± 0.372 χ^2/NDF : 1692.5/18

Out: -3.252 ± 0.321 χ^2/NDF : 2073.0/22

All: -4.288 ± 0.243 χ^2/NDF : 3790.0/41

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: -69.346 ± 0.675 χ^2/NDF : 436.7/3

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: -75.891 ± 0.541 χ^2/NDF : 803.4/5

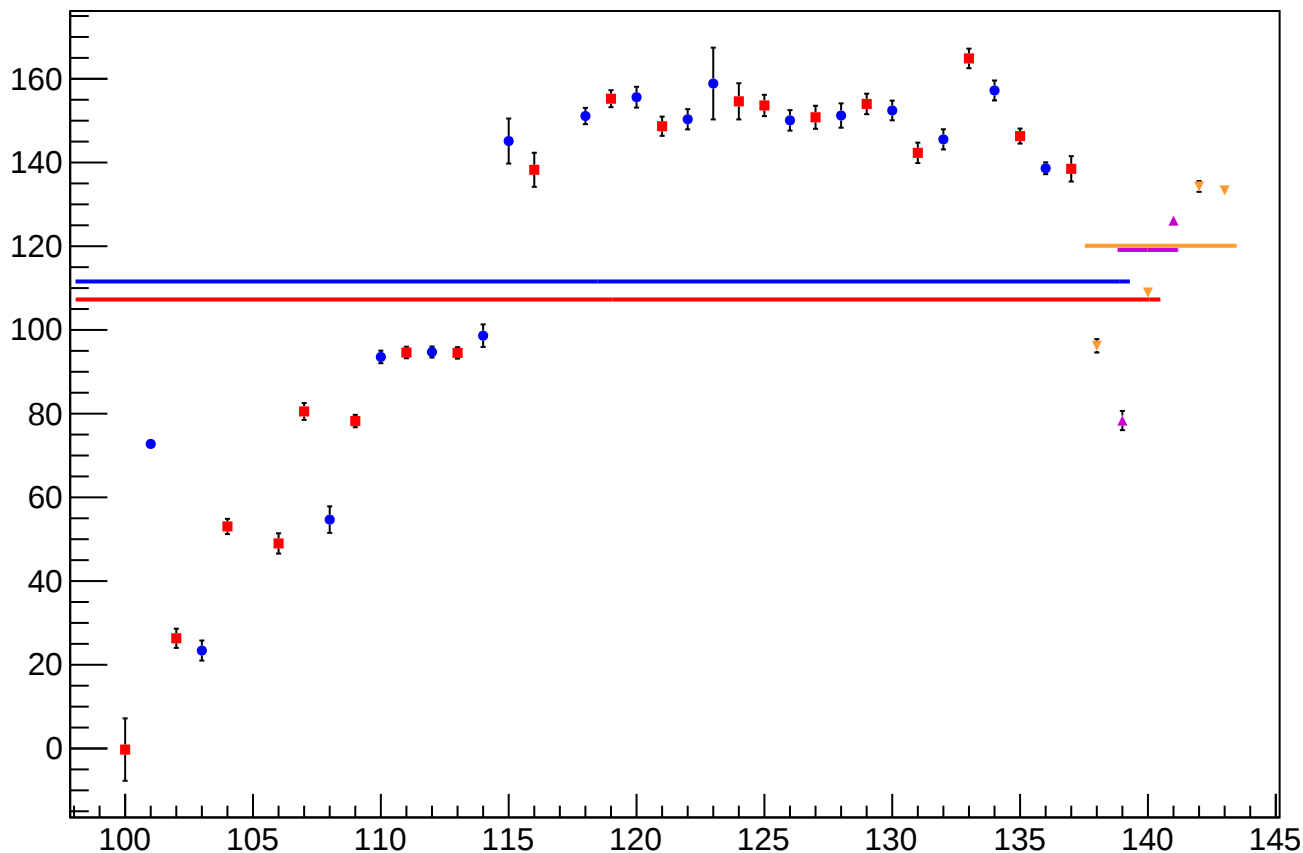
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -70.675 ± 0.575 χ^2/NDF : 2413.3/18

Out: -65.127 ± 0.487 χ^2/NDF : 1903.7/22

All: -67.444 ± 0.372 χ^2/NDF : 4371.2/41

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: 120.114 $\pm$ 0.579 χ^2 /NDF:639.7/3

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: 119.808 $\pm$ 0.483 χ^2 /NDF: 1010.2/5

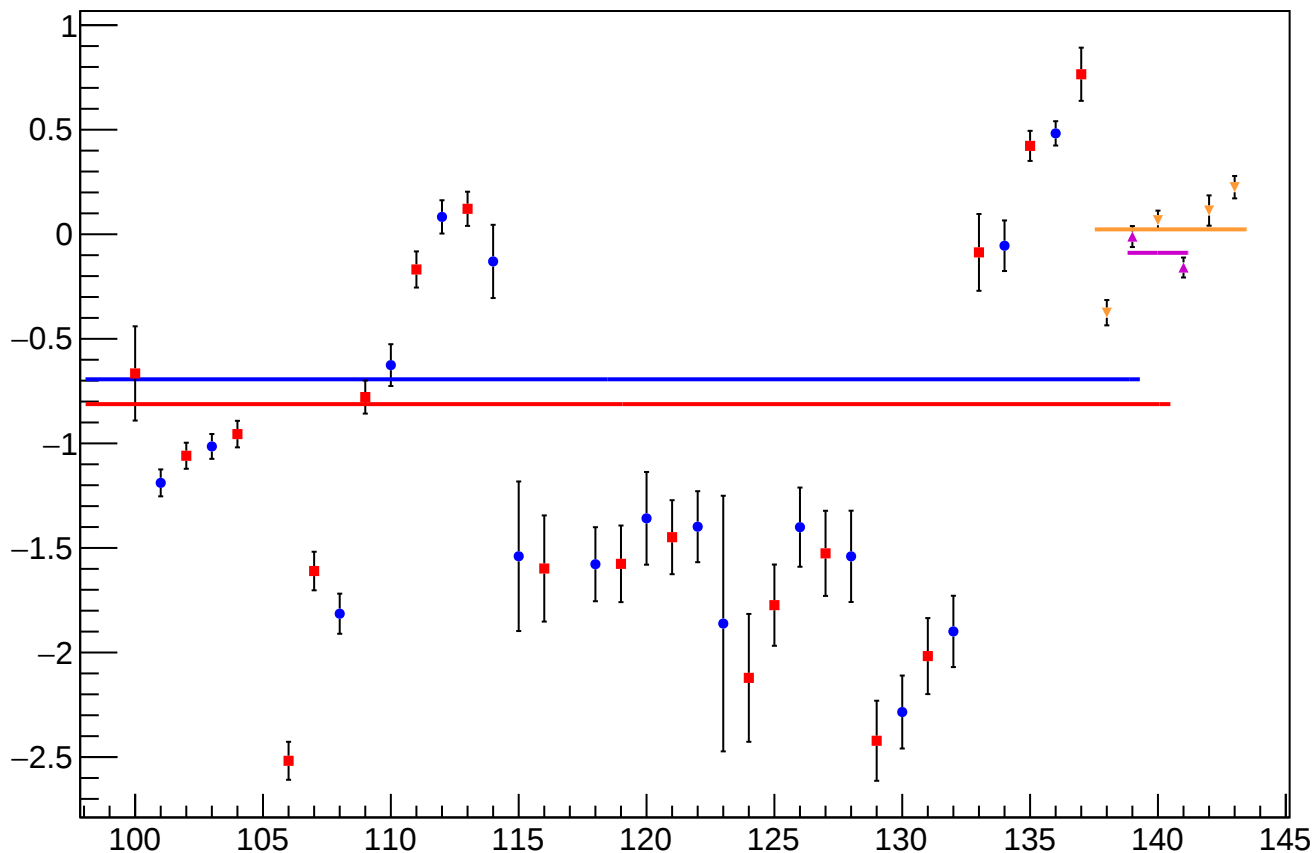
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 113.345 $\pm$ 0.426 χ^2 /NDF:6371.4/18

Out: 112.605 $\pm$ 0.373 χ^2 /NDF:7972.6/22

All: 112.926 $\pm$ 0.281 χ^2 /NDF: 14345.7/41

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: 0.023 ± 0.028 χ^2/NDF : 59.9/3

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: -0.021 ± 0.022 χ^2/NDF : 70.9/5

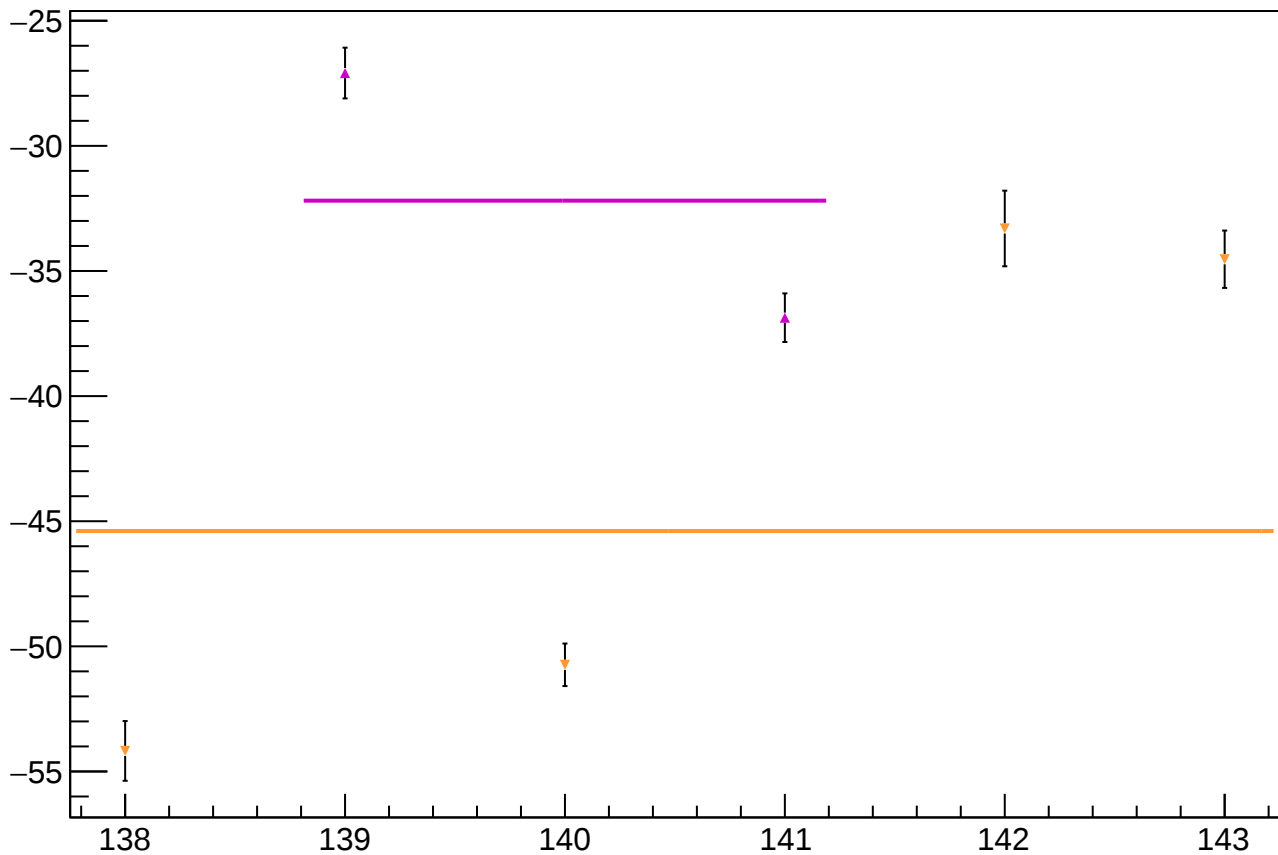
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.477 ± 0.021 χ^2/NDF : 1191.6/18

Out: -0.450 ± 0.018 χ^2/NDF : 1879.6/22

All: -0.462 ± 0.014 χ^2/NDF : 3072.1/41

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: -45.391+/-0.552 χ^2/NDF :247.7/3

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: -40.344+/-0.434 χ^2/NDF : 515.2/5

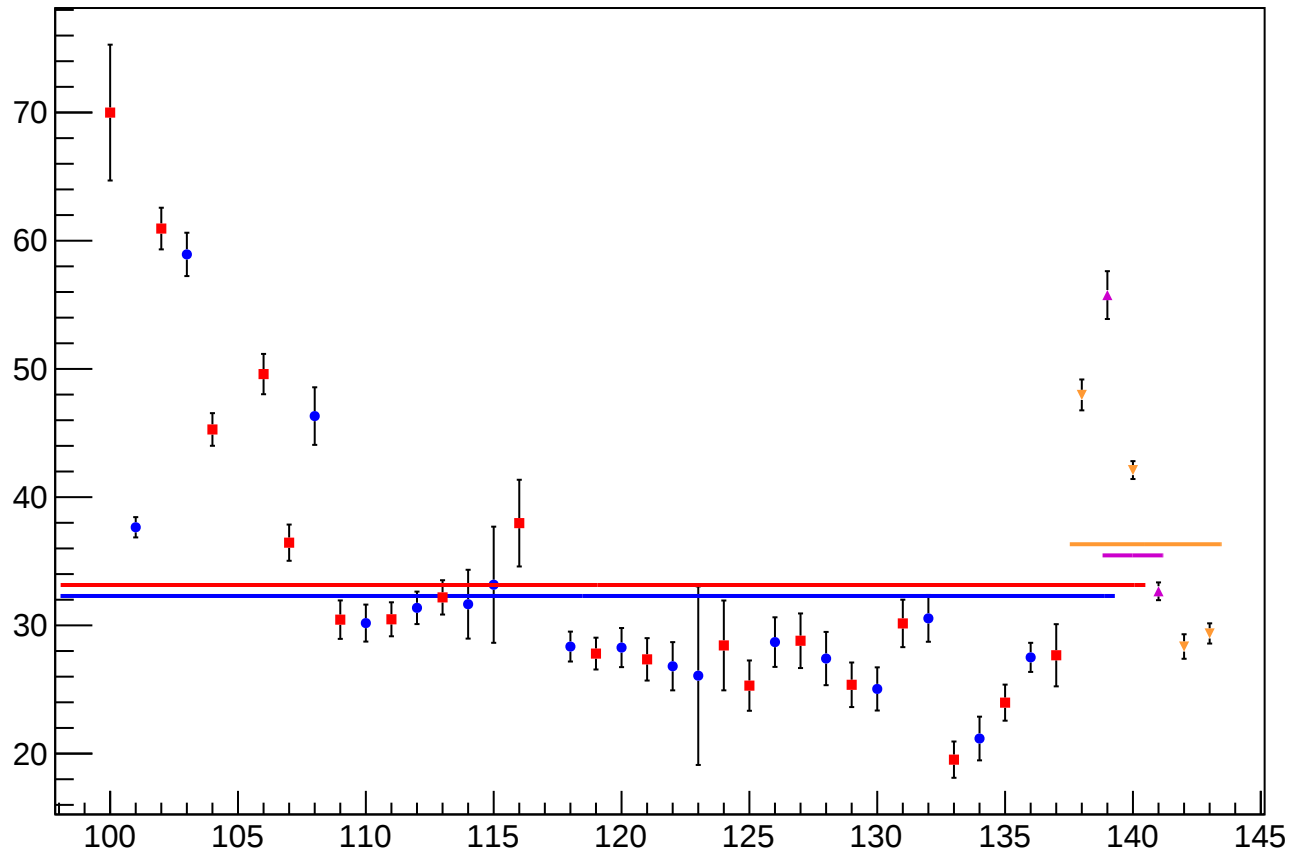
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.189+/-0.701 χ^2/NDF :48.5/1

Out: -45.391+/-0.552 χ^2/NDF :247.7/3

All: -40.344+/-0.434 χ^2/NDF : 515.2/5

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: 36.328+/-0.428 χ^2/NDF : 309.7/3

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: 36.065+/-0.358 χ^2/NDF : 445.8/5

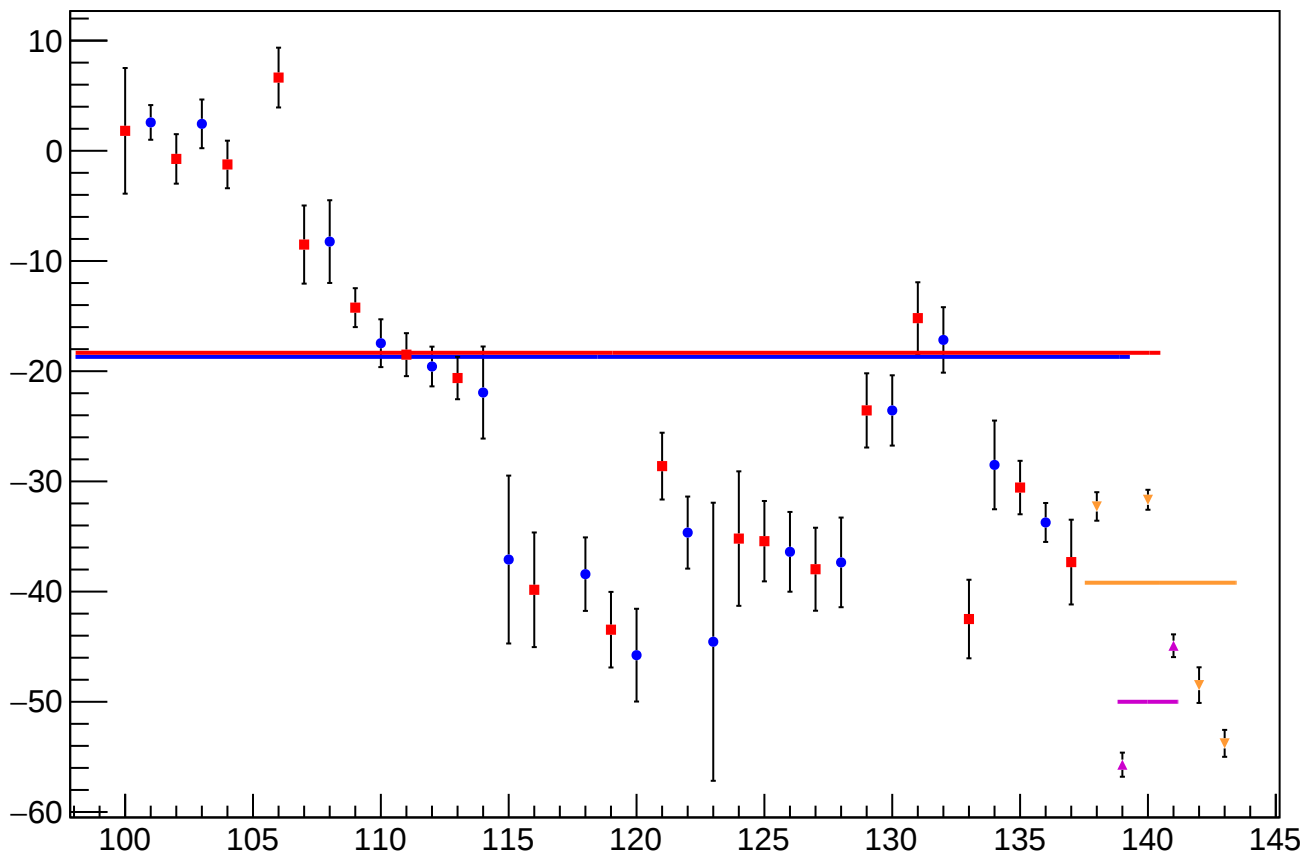
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 33.079+/-0.324 χ^2/NDF : 605.2/18

Out: 34.544+/-0.284 χ^2/NDF : 1113.2/22

All: 33.907+/-0.213 χ^2/NDF : 1730.1/41

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: -39.194 ± 0.590 χ^2/NDF : 273.0/3

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: -43.322 ± 0.464 χ^2/NDF : 452.5/5

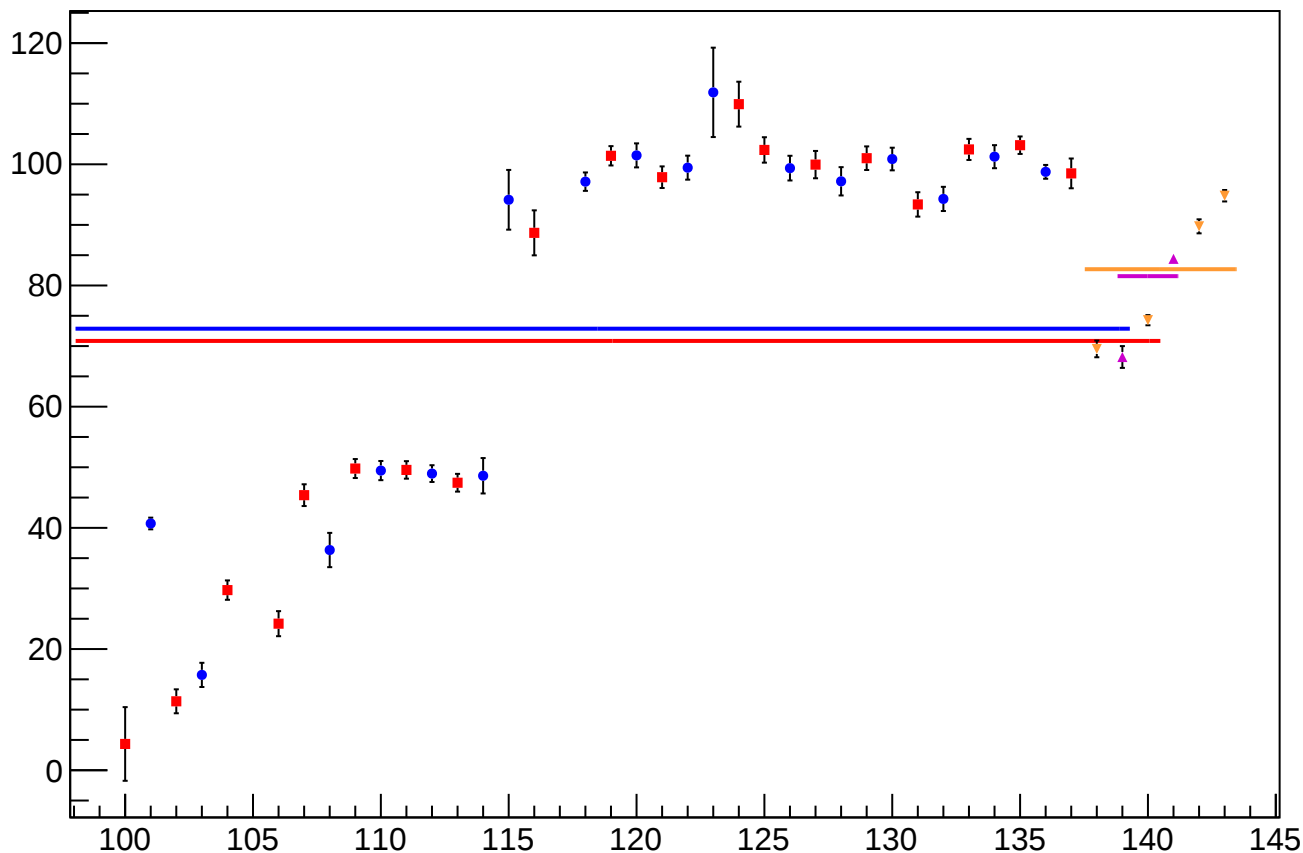
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -32.492 ± 0.498 χ^2/NDF : 1542.3/18

Out: -29.657 ± 0.435 χ^2/NDF : 1317.9/22

All: -30.883 ± 0.328 χ^2/NDF : 2878.6/41

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: 82.686 $\pm$ 0.513 χ^2 /NDF:393.3/3

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: 82.325 $\pm$ 0.424 χ^2 /NDF: 461.6/5

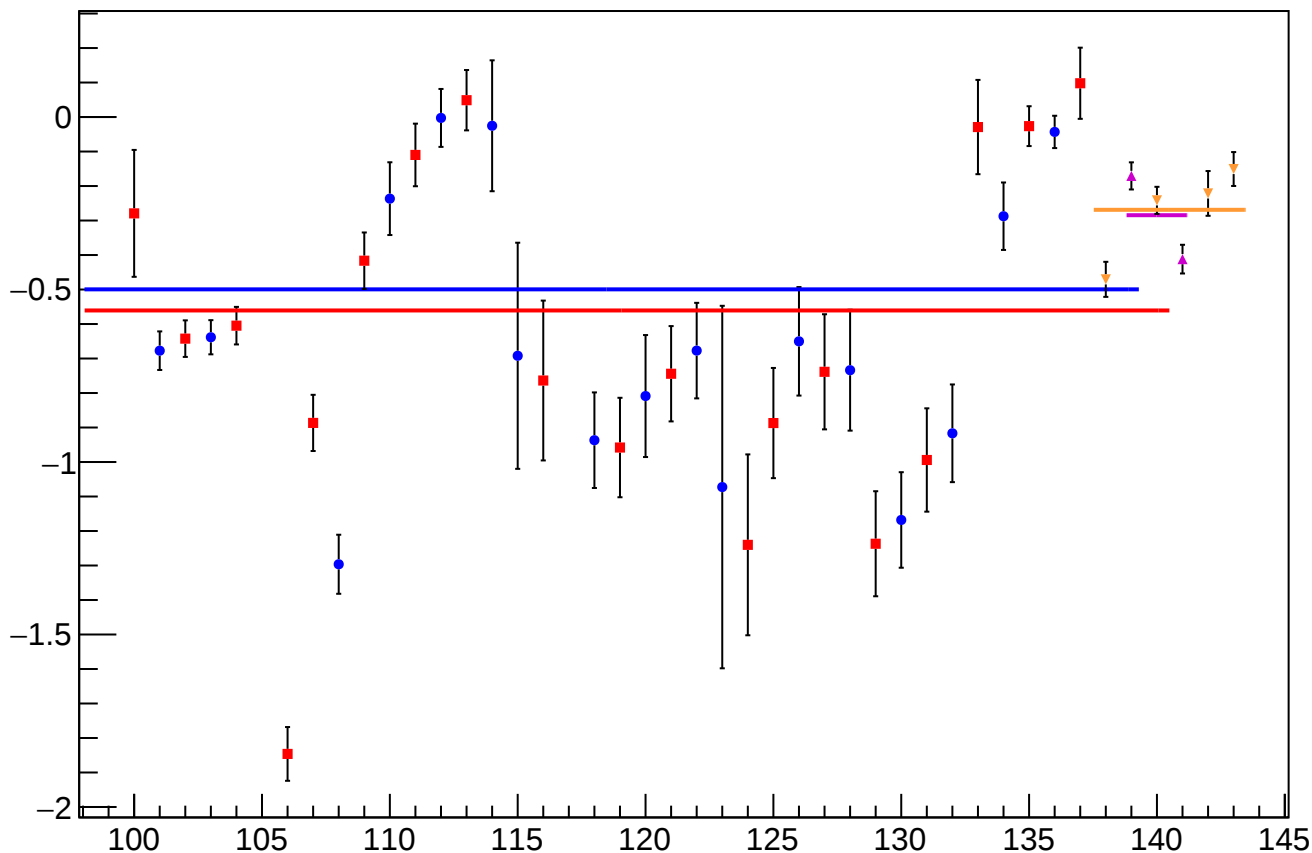
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 74.965 $\pm$ 0.371 χ^2 /NDF:4893.7/18

Out: 75.780 $\pm$ 0.331 χ^2 /NDF:6199.9/22

All: 75.419 $\pm$ 0.247 χ^2 /NDF: 11096.2/41

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: -0.269 ± 0.024 χ^2/NDF : 22.5/3

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: -0.275 ± 0.019 χ^2/NDF : 40.5/5

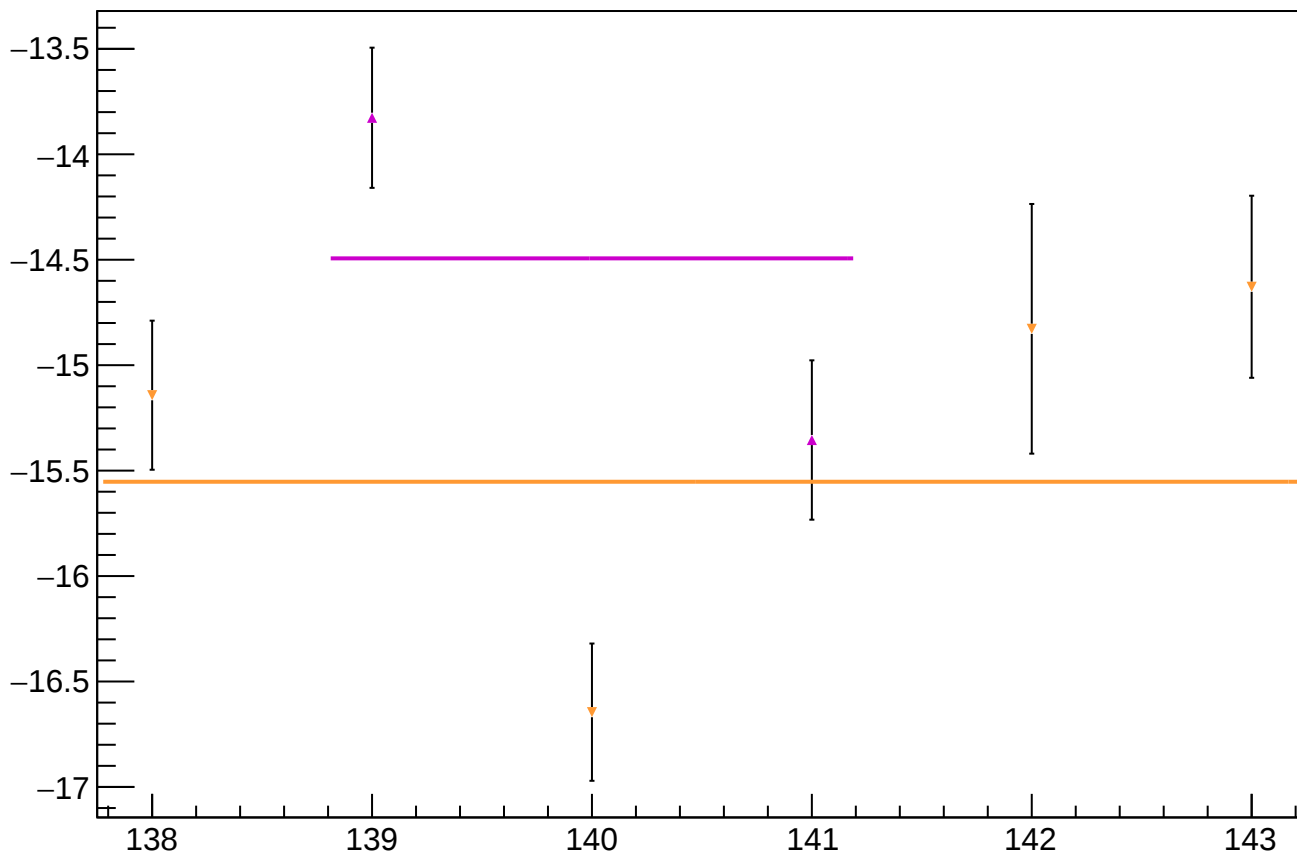
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.418 ± 0.018 χ^2/NDF : 355.5/18

Out: -0.433 ± 0.016 χ^2/NDF : 665.4/22

All: -0.426 ± 0.012 χ^2/NDF : 1021.3/41

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: -15.553+/-0.197 χ^2/NDF :18.7/3

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: -15.145+/-0.155 χ^2/NDF : 39.0/5

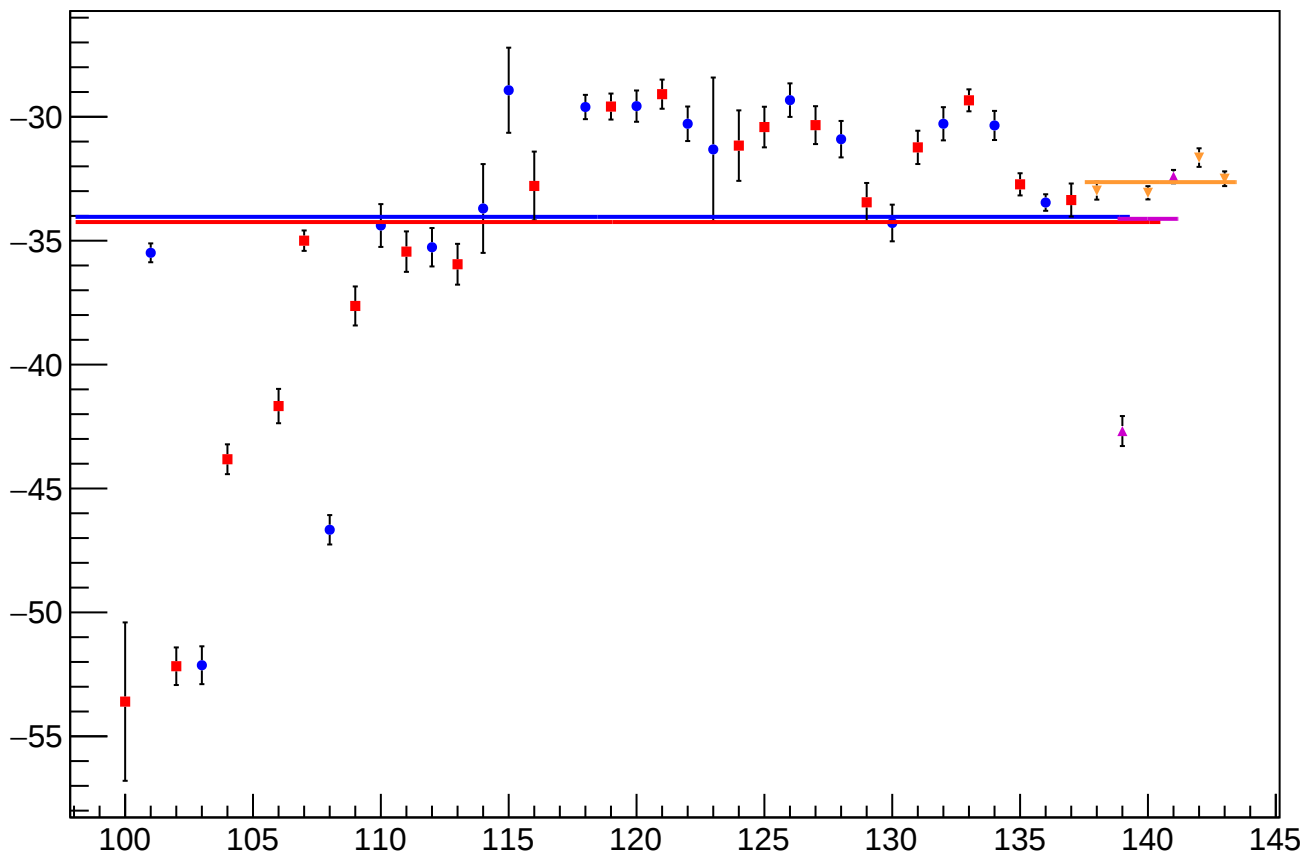
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.494+/-0.250 χ^2/NDF :9.2/1

Out: -15.553+/-0.197 χ^2/NDF :18.7/3

All: -15.145+/-0.155 χ^2/NDF : 39.0/5

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -32.636 ± 0.158 χ^2/NDF : 10.7/3

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: -33.069 ± 0.133 χ^2/NDF : 276.1/5

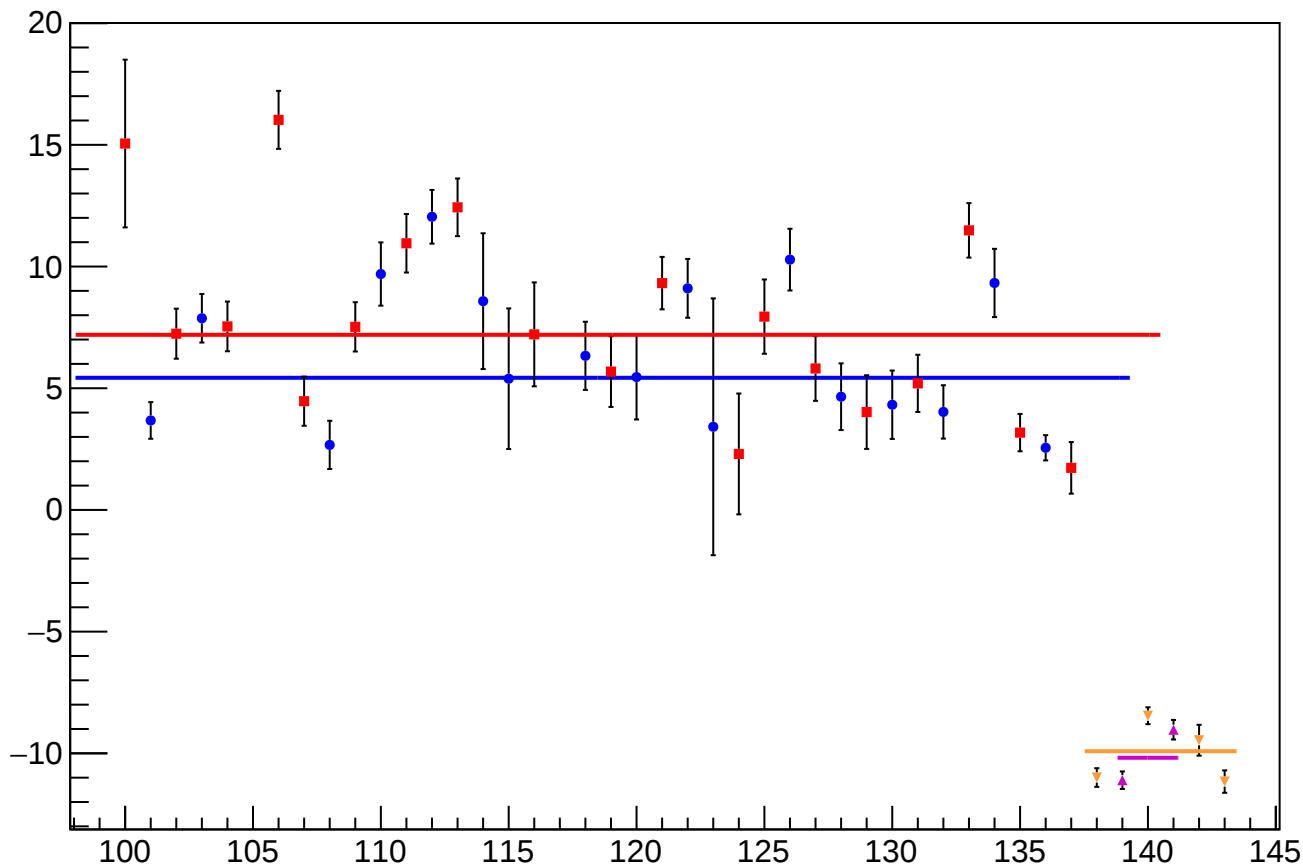
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -34.060 ± 0.129 χ^2/NDF : 1582.9/18

Out: -33.482 ± 0.109 χ^2/NDF : 1422.5/22

All: -33.723 ± 0.083 χ^2/NDF : 3017.1/41

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: -9.913 ± 0.212 χ^2/NDF : 33.5/3

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: -10.016 ± 0.166 χ^2/NDF : 48.9/5

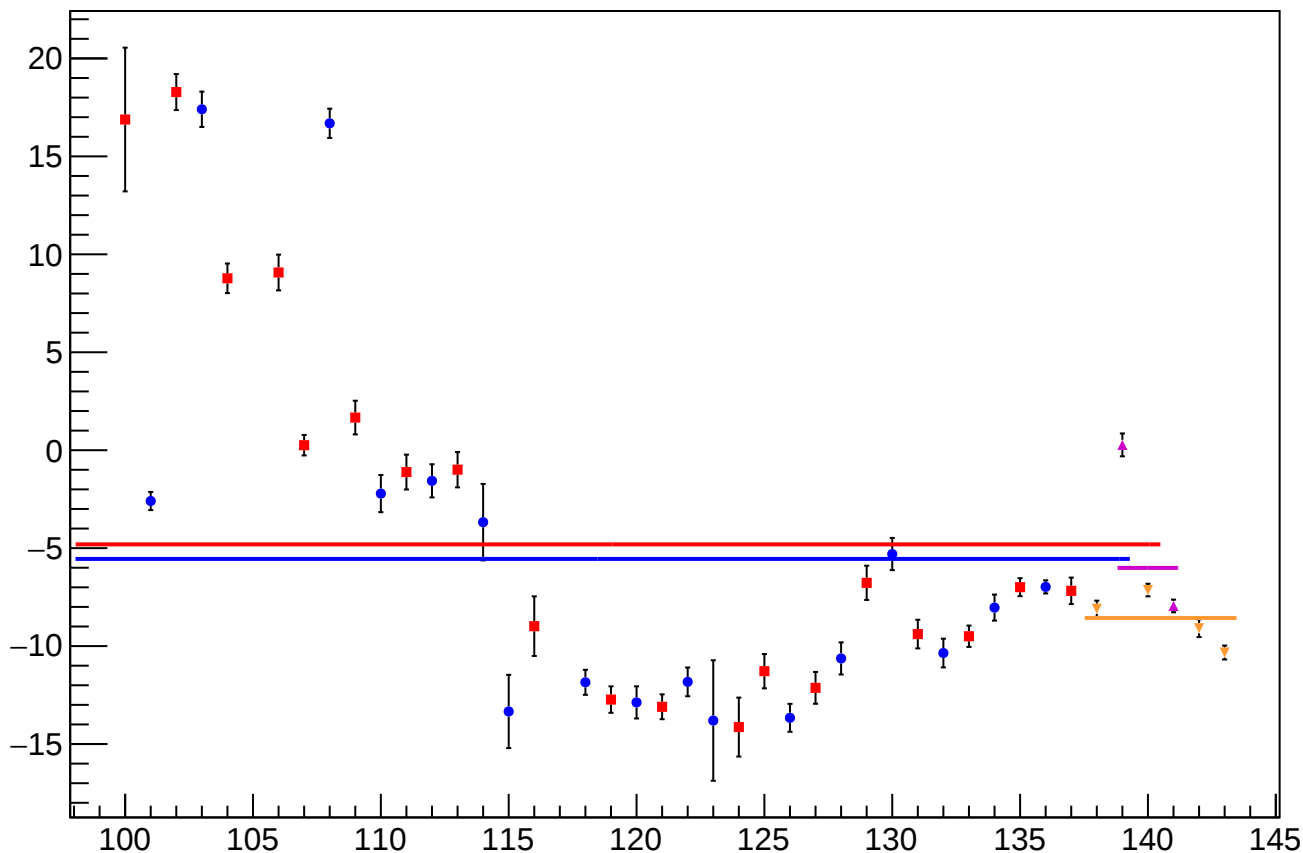
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -2.436 ± 0.190 χ^2/NDF : 1833.1/18

Out: -3.523 ± 0.167 χ^2/NDF : 2657.6/22

All: -3.048 ± 0.126 χ^2/NDF : 4509.1/41

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: -8.564 ± 0.188 χ^2/NDF : 46.6/3

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.008 ± 0.284 χ^2/NDF : 151.7/1

Left: -7.781 ± 0.157 χ^2/NDF : 254.6/5

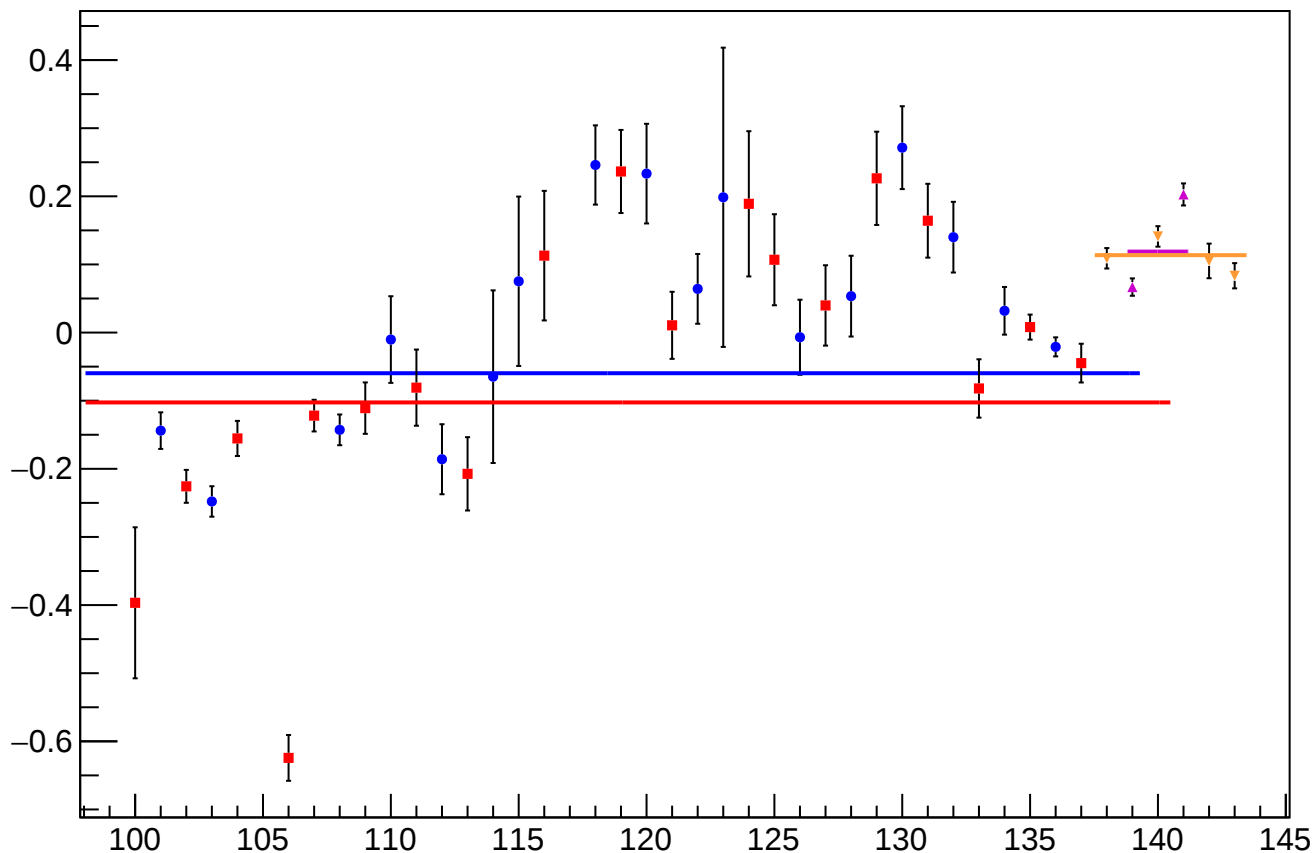
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.671 ± 0.146 χ^2/NDF : 2280.2/18

Out: -6.522 ± 0.127 χ^2/NDF : 2311.0/22

All: -6.154 ± 0.096 χ^2/NDF : 4610.4/41

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: 0.114 ± 0.009 χ^2/NDF : 6.2/3

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: 0.116 ± 0.007 χ^2/NDF : 49.9/5

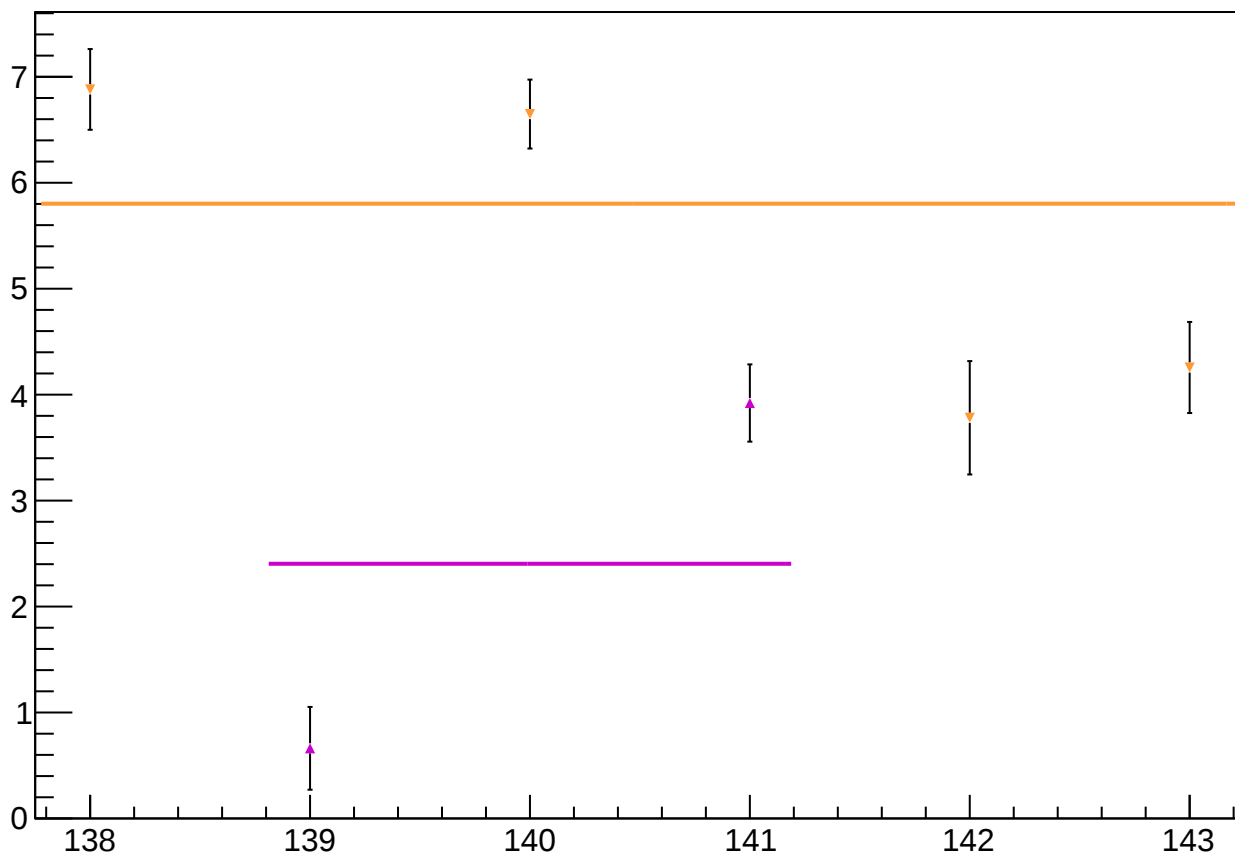
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.014 ± 0.006 χ^2/NDF : 446.6/18

Out: 0.002 ± 0.006 χ^2/NDF : 762.1/22

All: 0.008 ± 0.004 χ^2/NDF : 1210.4/41

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: 5.802+/-0.199 χ^2/NDF :42.0/3

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: 4.586+/-0.159 χ^2/NDF : 183.6/5

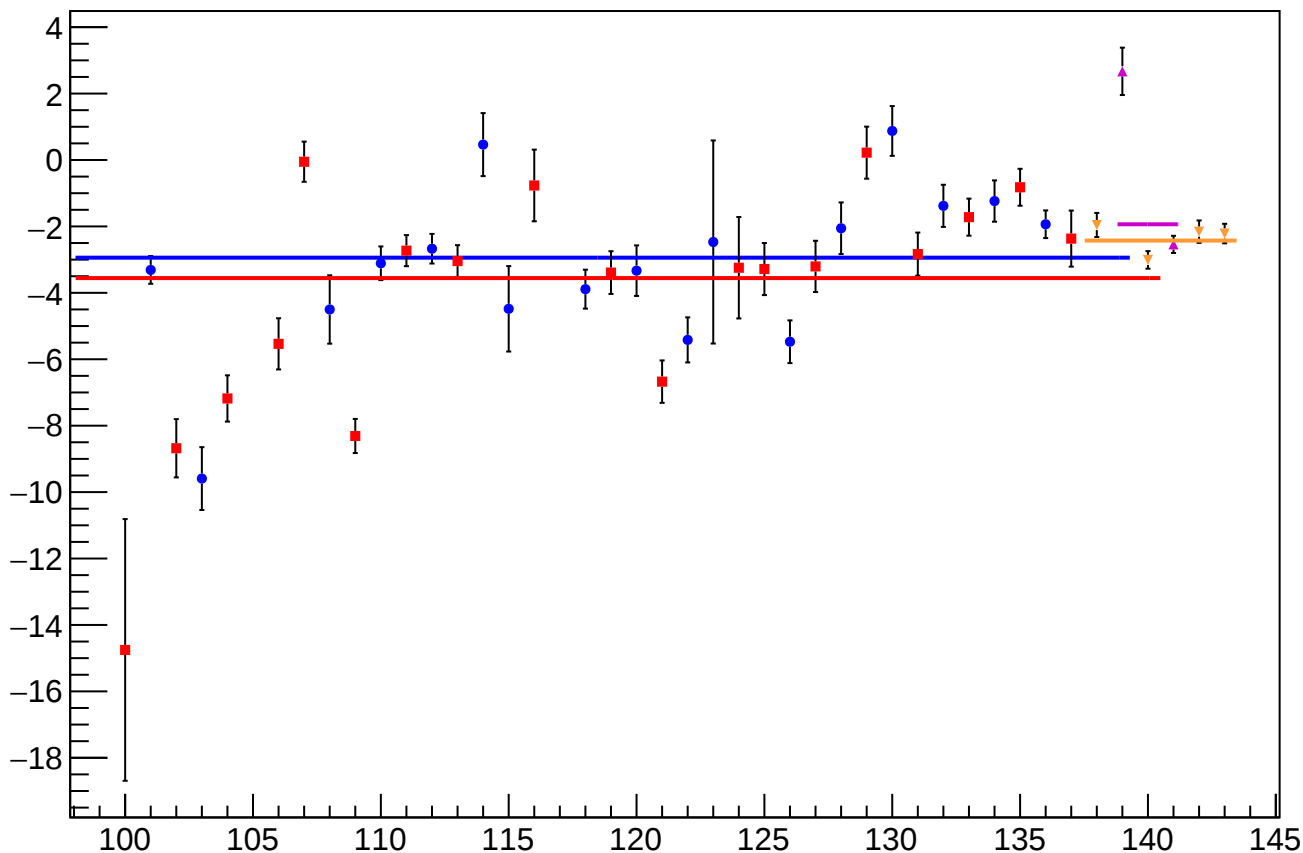
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.404+/-0.267 χ^2/NDF :37.2/1

Out: 5.802+/-0.199 χ^2/NDF :42.0/3

All: 4.586+/-0.159 χ^2/NDF : 183.6/5

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: -2.426 ± 0.154 χ^2/NDF : 7.7/3

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: -2.286 ± 0.130 χ^2/NDF : 57.8/5

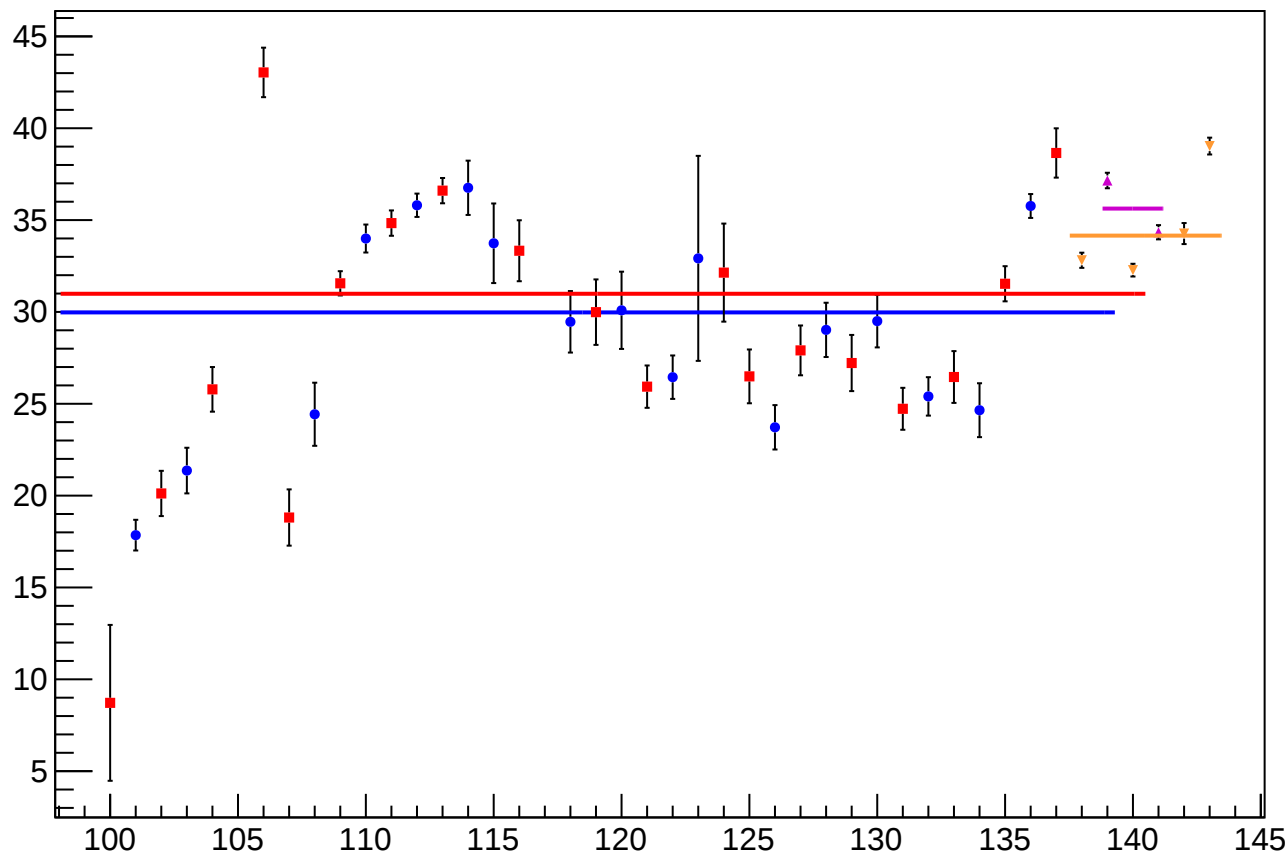
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.652 ± 0.130 χ^2/NDF : 205.0/18

Out: -2.988 ± 0.109 χ^2/NDF : 326.2/22

All: -2.850 ± 0.084 χ^2/NDF : 535.1/41

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: 34.154 $\pm$ 0.213 χ^2 /NDF:153.1/3

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: 34.681 $\pm$ 0.171 χ^2 /NDF: 194.4/5

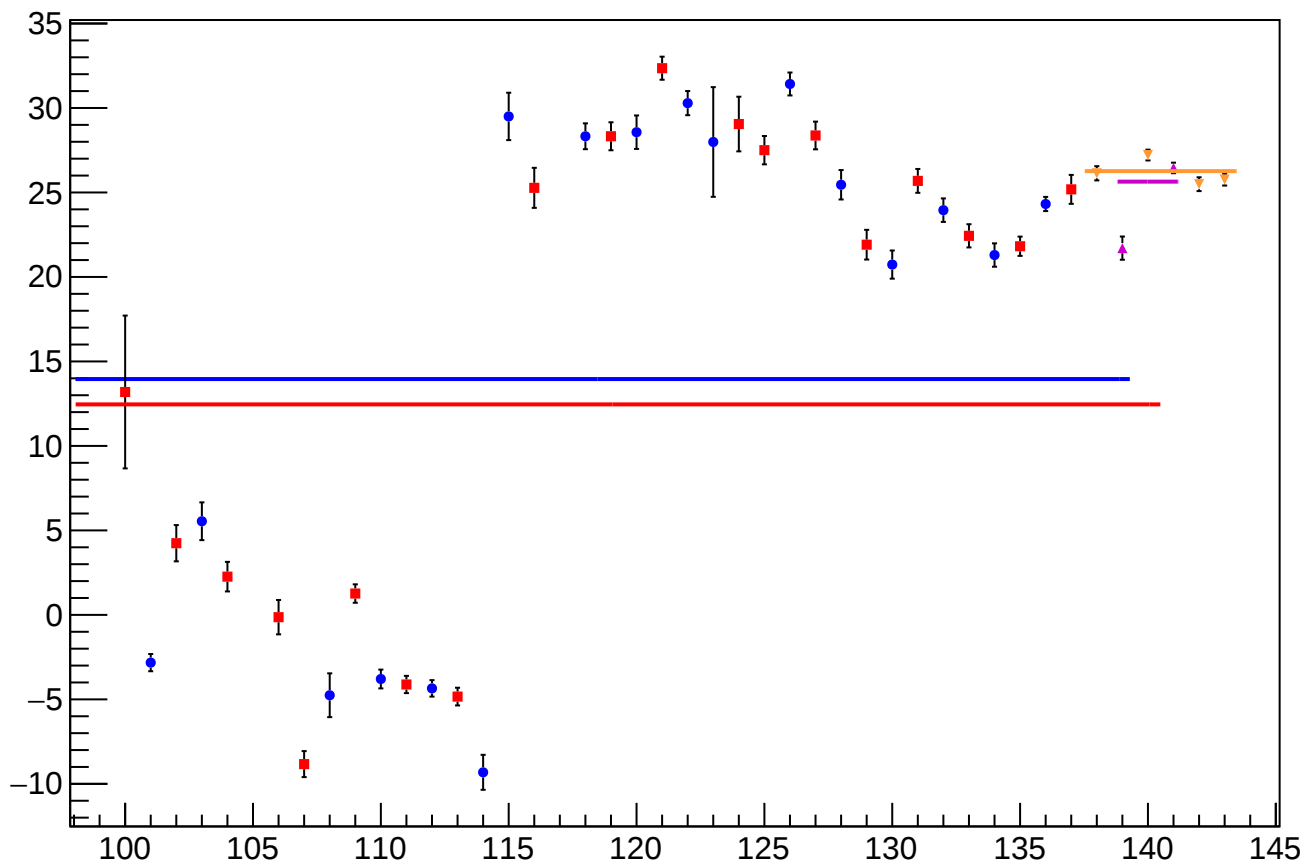
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 32.613 $\pm$ 0.195 χ^2 /NDF:787.0/18

Out: 32.882 $\pm$ 0.165 χ^2 /NDF:722.9/22

All: 32.770 $\pm$ 0.126 χ^2 /NDF: 1510.9/41

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: 26.262 $\pm$ 0.184 χ^2 /NDF:14.5/3

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: 26.078 $\pm$ 0.155 χ^2 /NDF: 57.4/5

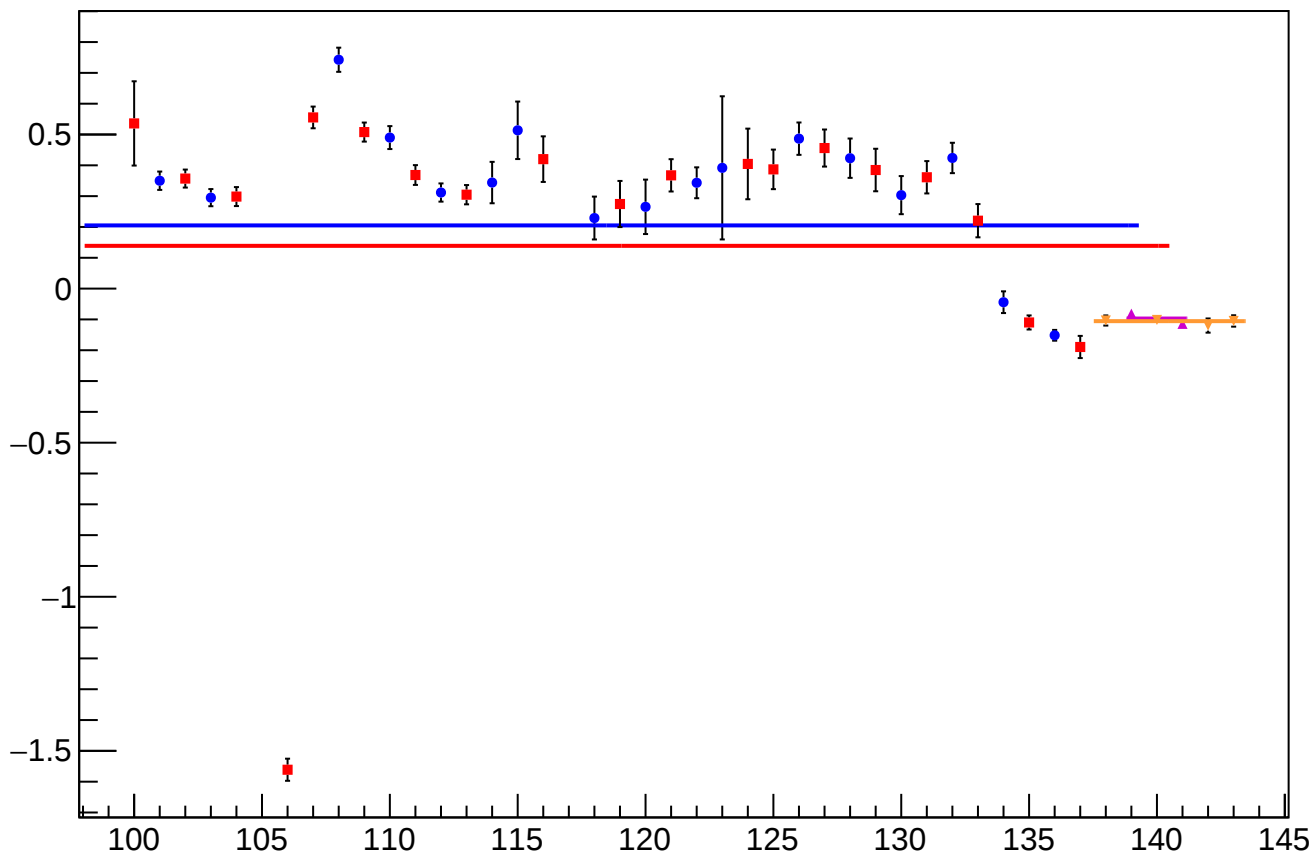
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 17.101 $\pm$ 0.147 χ^2 /NDF:8625.7/18

Out: 18.943 $\pm$ 0.126 χ^2 /NDF:9964.4/22

All: 18.162 $\pm$ 0.096 χ^2 /NDF: 18680.0/41

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.106 $\pm$ 0.009 χ^2 /NDF: 0.5/3

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.4/18

Left In: -0.097 $\pm$ 0.011 χ^2 /NDF: 2.3/1

Left: -0.102 $\pm$ 0.007 χ^2 /NDF: 3.2/5

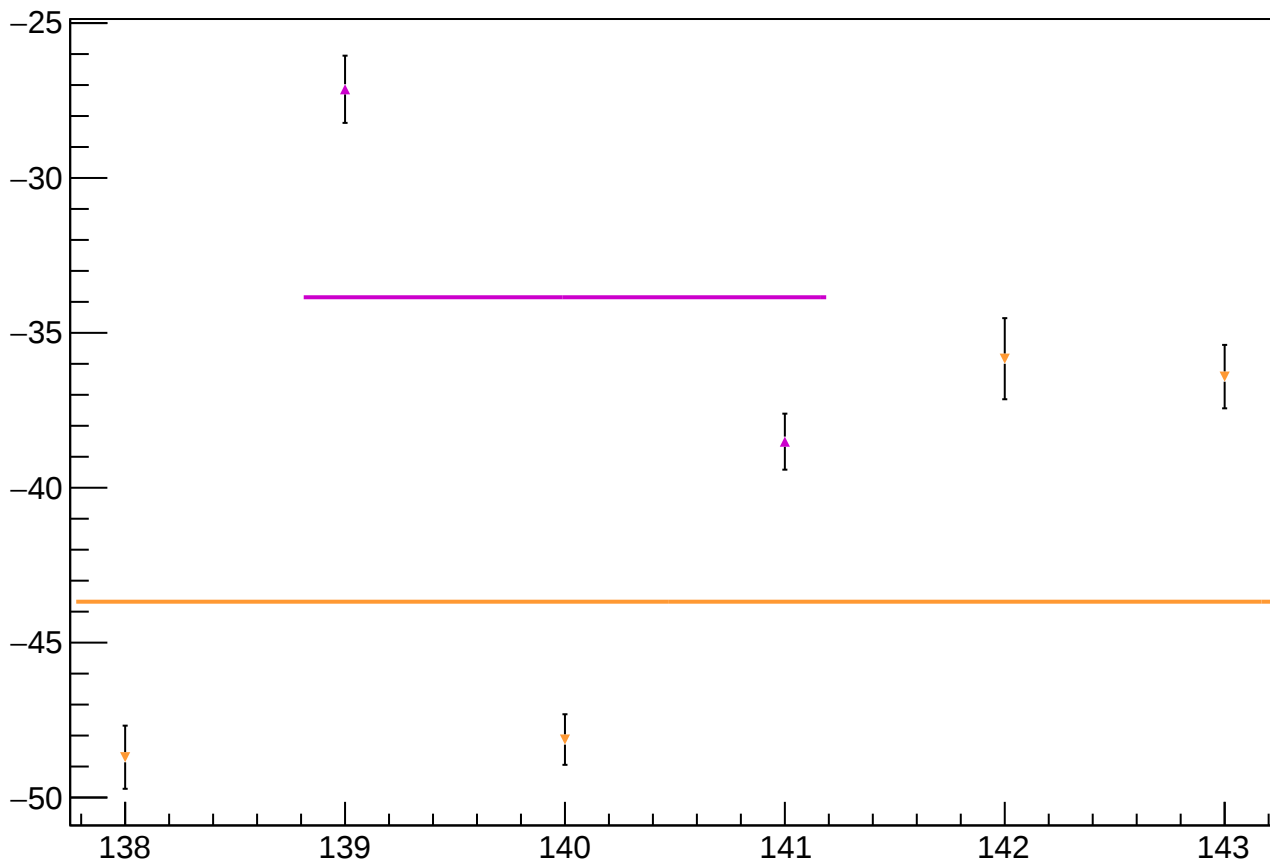
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: 0.076 $\pm$ 0.007 χ^2 /NDF: 1293.6/18

Out: 0.011 $\pm$ 0.006 χ^2 /NDF: 3385.6/22

All: 0.040 $\pm$ 0.005 χ^2 /NDF: 4725.3/41

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: -43.679+/-0.500 χ^2/NDF :140.2/3

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: -40.324+/-0.406 χ^2/NDF : 337.0/5

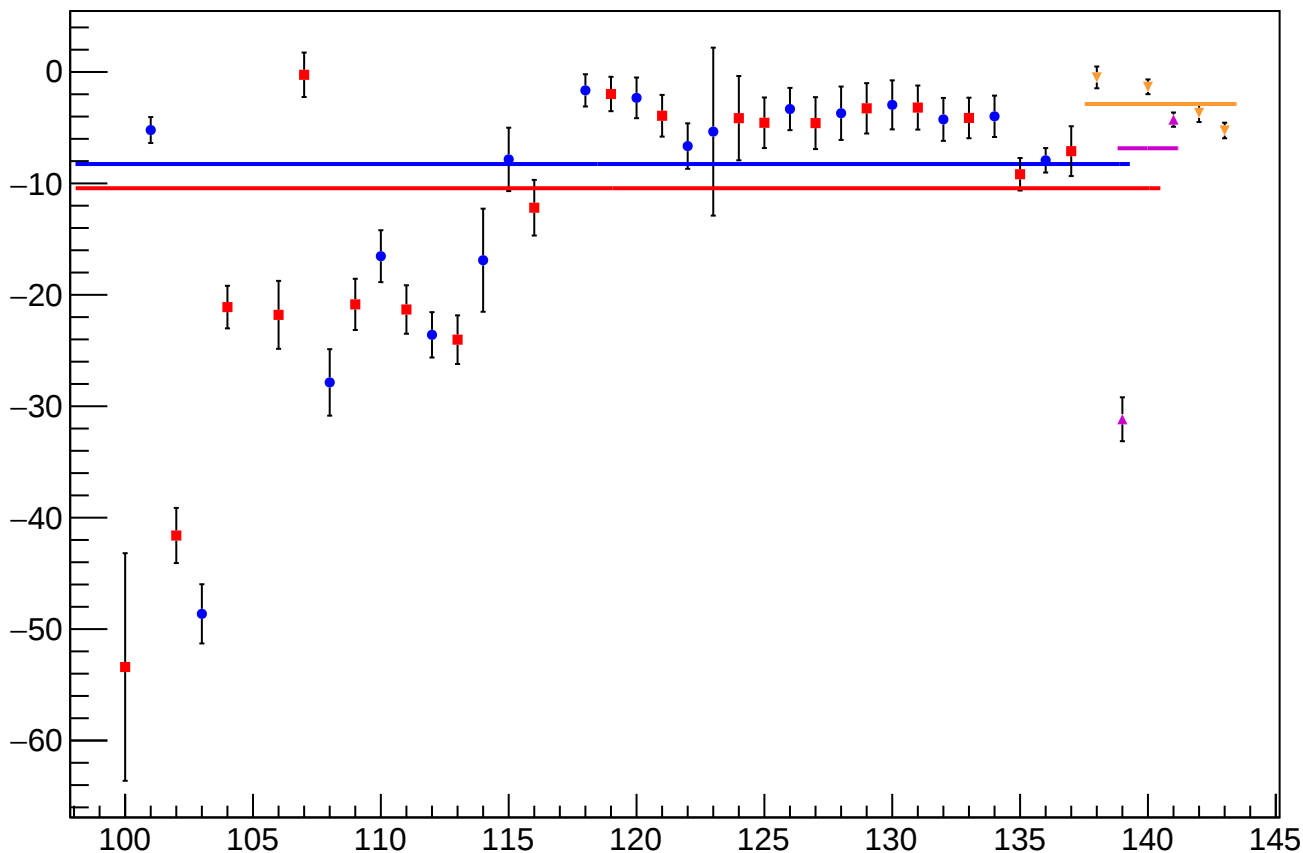
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.851+/-0.695 χ^2/NDF :64.9/1

Out: -43.679+/-0.500 χ^2/NDF :140.2/3

All: -40.324+/-0.406 χ^2/NDF : 337.0/5

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: -2.873 ± 0.382 χ^2/NDF : 23.9/3

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: -3.995 ± 0.324 χ^2/NDF : 222.9/5

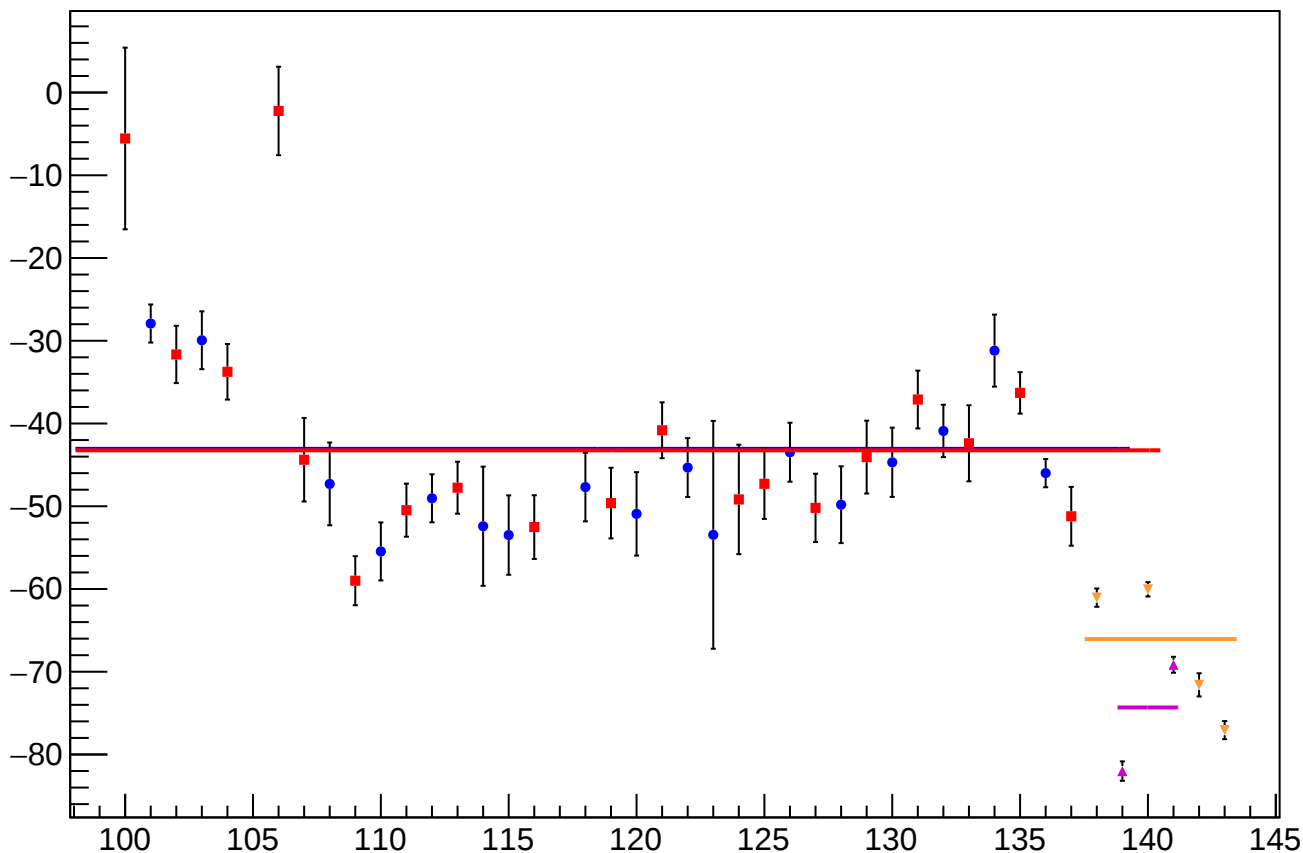
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -7.744 ± 0.368 χ^2/NDF : 583.8/18

Out: -5.728 ± 0.301 χ^2/NDF : 600.4/22

All: -6.536 ± 0.233 χ^2/NDF : 1202.0/41

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 $\pm$ 0.835 χ^2 /NDF: 99.0/16

Left Out: -66.049 $\pm$ 0.535 χ^2 /NDF:185.5/3

Right Out: -43.237 $\pm$ 0.866 χ^2 /NDF: 154.2/18

Left In: -74.317 $\pm$ 0.744 χ^2 /NDF:71.8/1

Left: -68.870 $\pm$ 0.434 χ^2 /NDF: 338.7/5

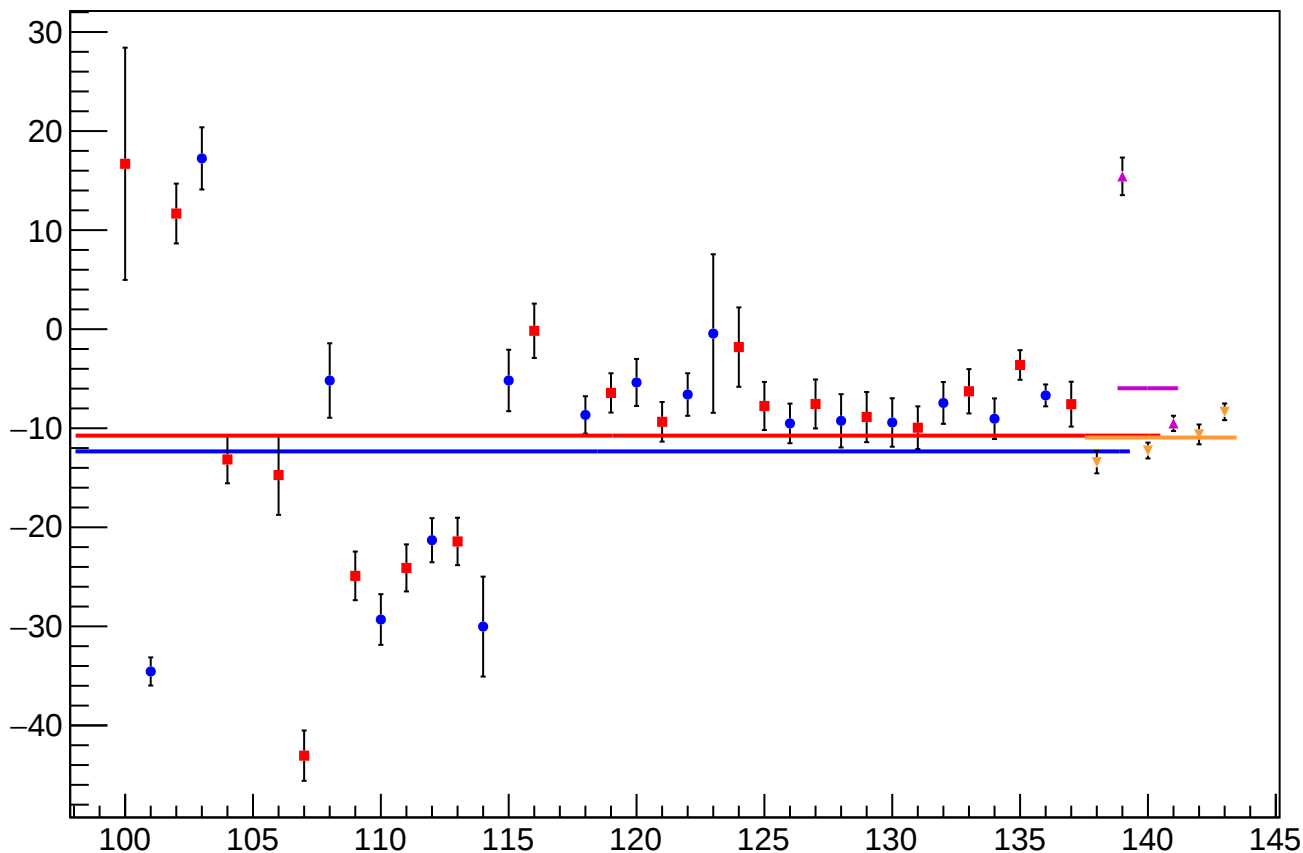
Right: -43.147 $\pm$ 0.601 χ^2 /NDF: 253.3/35

In: -60.498 $\pm$ 0.555 χ^2 /NDF:951.7/18

Out: -59.745 $\pm$ 0.455 χ^2 /NDF:841.8/22

All: -60.048 $\pm$ 0.352 χ^2 /NDF: 1794.6/41

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -10.939 ± 0.459 χ^2/NDF : 17.1/3

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -5.961 ± 0.716 χ^2/NDF : 148.1/1

Left: -9.490 ± 0.386 χ^2/NDF : 199.4/5

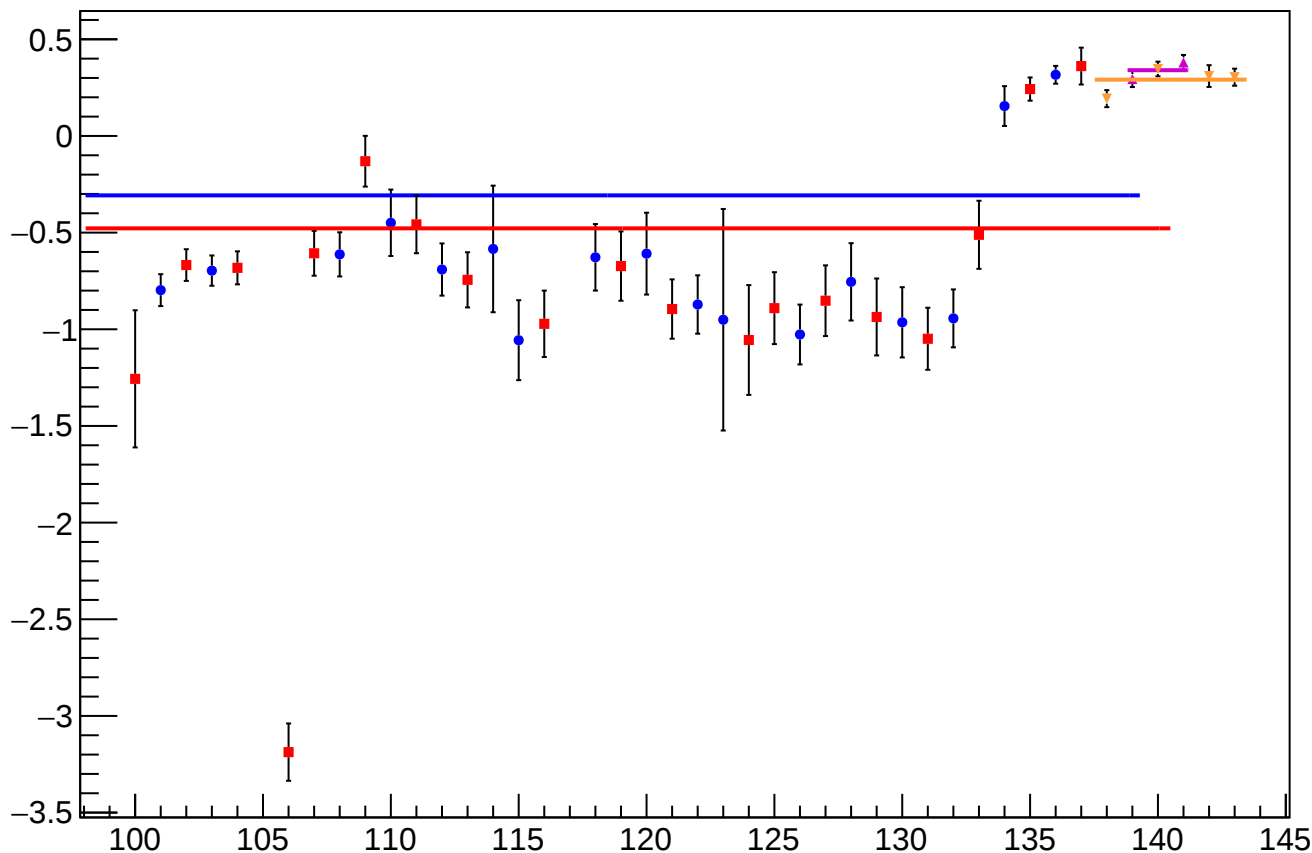
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -10.133 ± 0.421 χ^2/NDF : 675.1/18

Out: -10.859 ± 0.353 χ^2/NDF : 384.1/22

All: -10.559 ± 0.271 χ^2/NDF : 1060.9/41

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: 0.291 ± 0.022 χ^2/NDF : 7.3/3

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: 0.310 ± 0.017 χ^2/NDF : 11.4/5

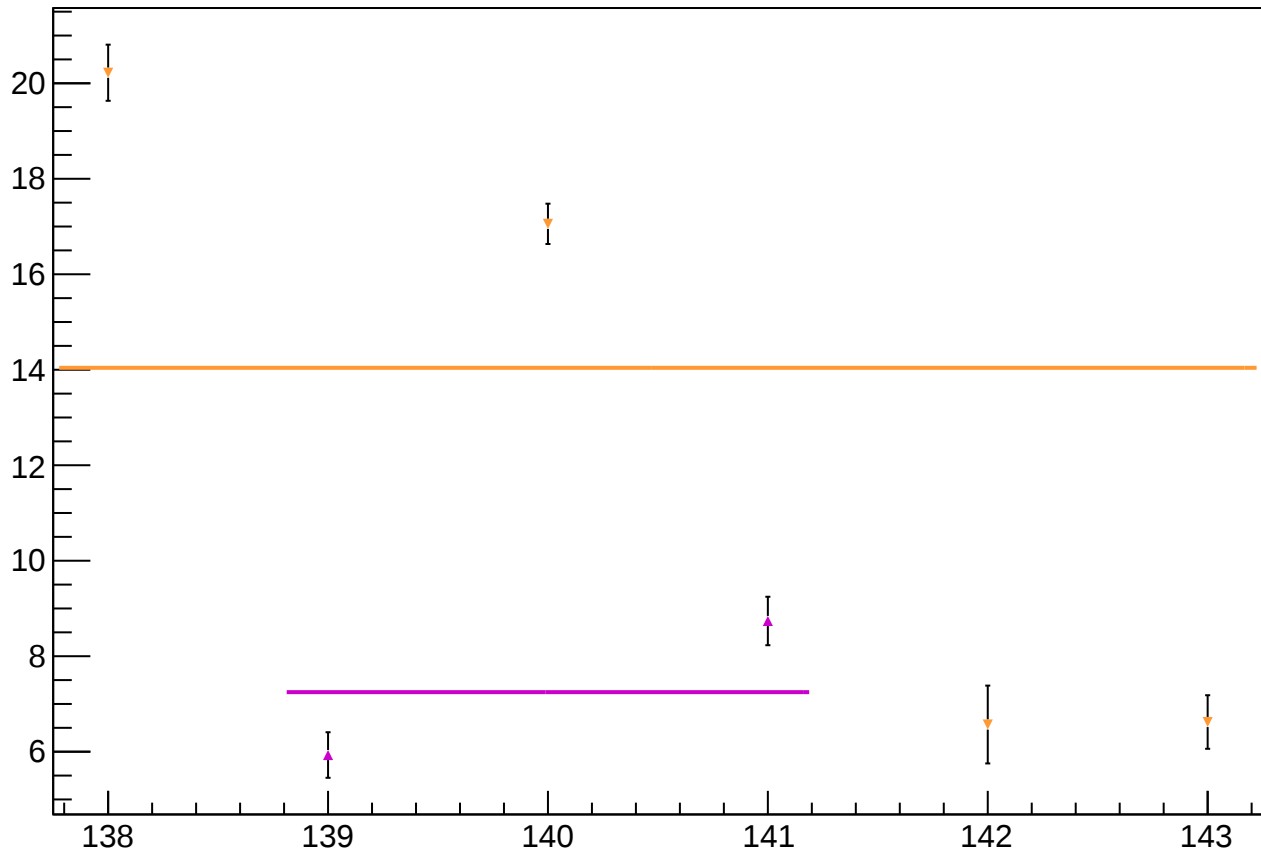
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.006 ± 0.020 χ^2/NDF : 642.6/18

Out: 0.002 ± 0.017 χ^2/NDF : 1092.8/22

All: 0.004 ± 0.013 χ^2/NDF : 1735.4/41

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: 14.041+/-0.275 χ^2/NDF :420.5/3

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: 11.422+/-0.216 χ^2/NDF : 671.4/5

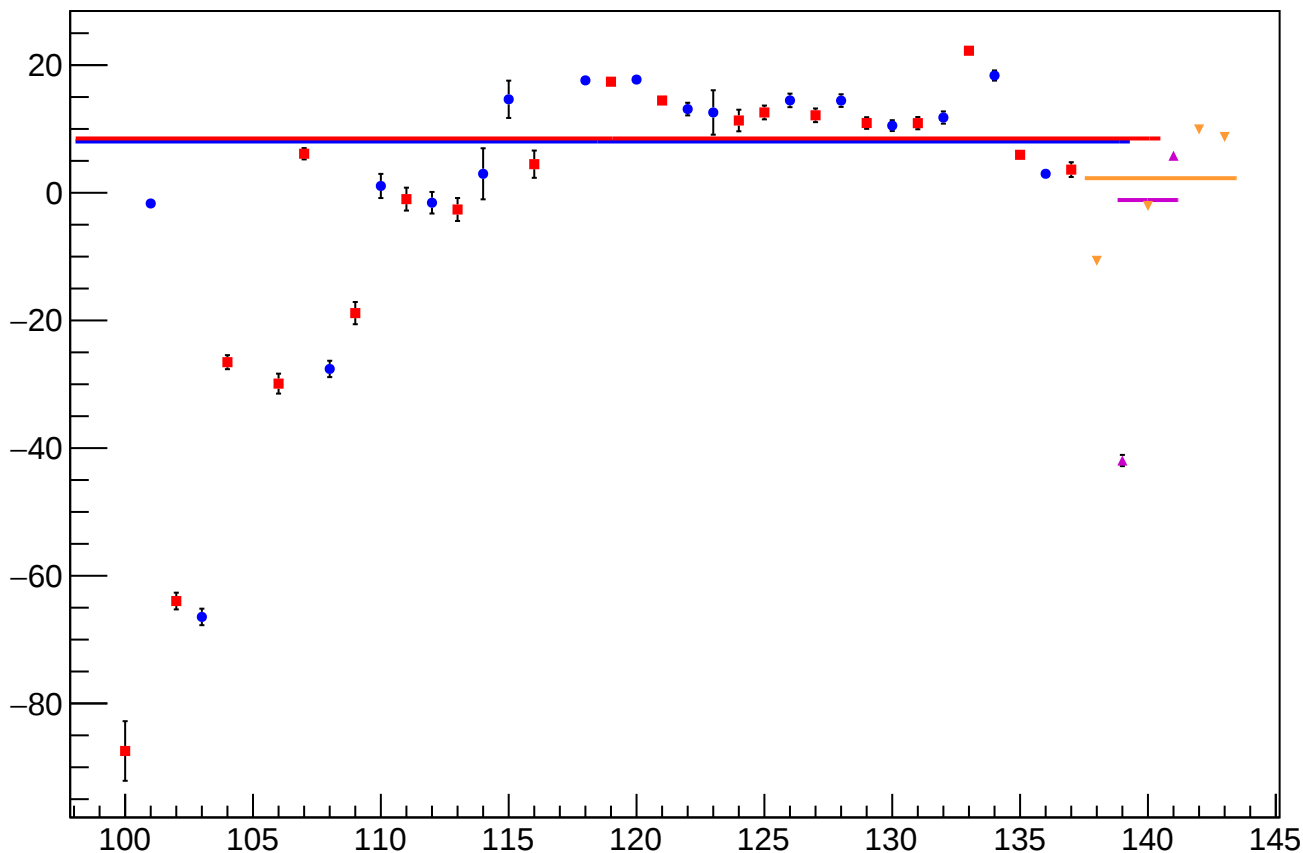
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.247+/-0.348 χ^2/NDF :16.2/1

Out: 14.041+/-0.275 χ^2/NDF :420.5/3

All: 11.422+/-0.216 χ^2/NDF : 671.4/5

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: 2.287 ± 0.216 χ^2/NDF : 1124.2/3

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: 1.284 ± 0.182 χ^2/NDF : 3716.5/5

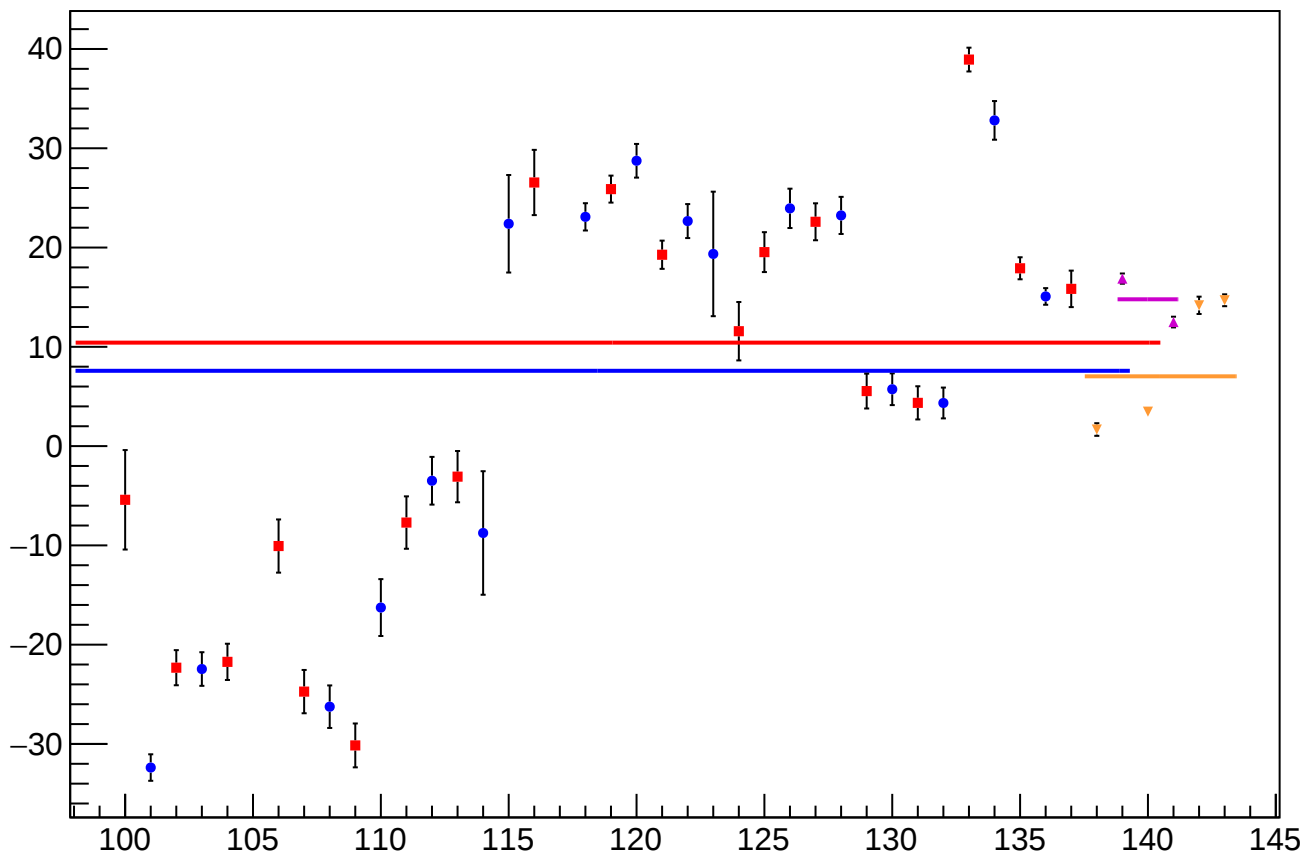
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 5.357 ± 0.181 χ^2/NDF : 8418.5/18

Out: 5.440 ± 0.152 χ^2/NDF : 8258.5/22

All: 5.406 ± 0.116 χ^2/NDF : 16677.2/41

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: 7.028 ± 0.295 χ^2/NDF : 364.5/3

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: 10.016 ± 0.231 χ^2/NDF : 665.8/5

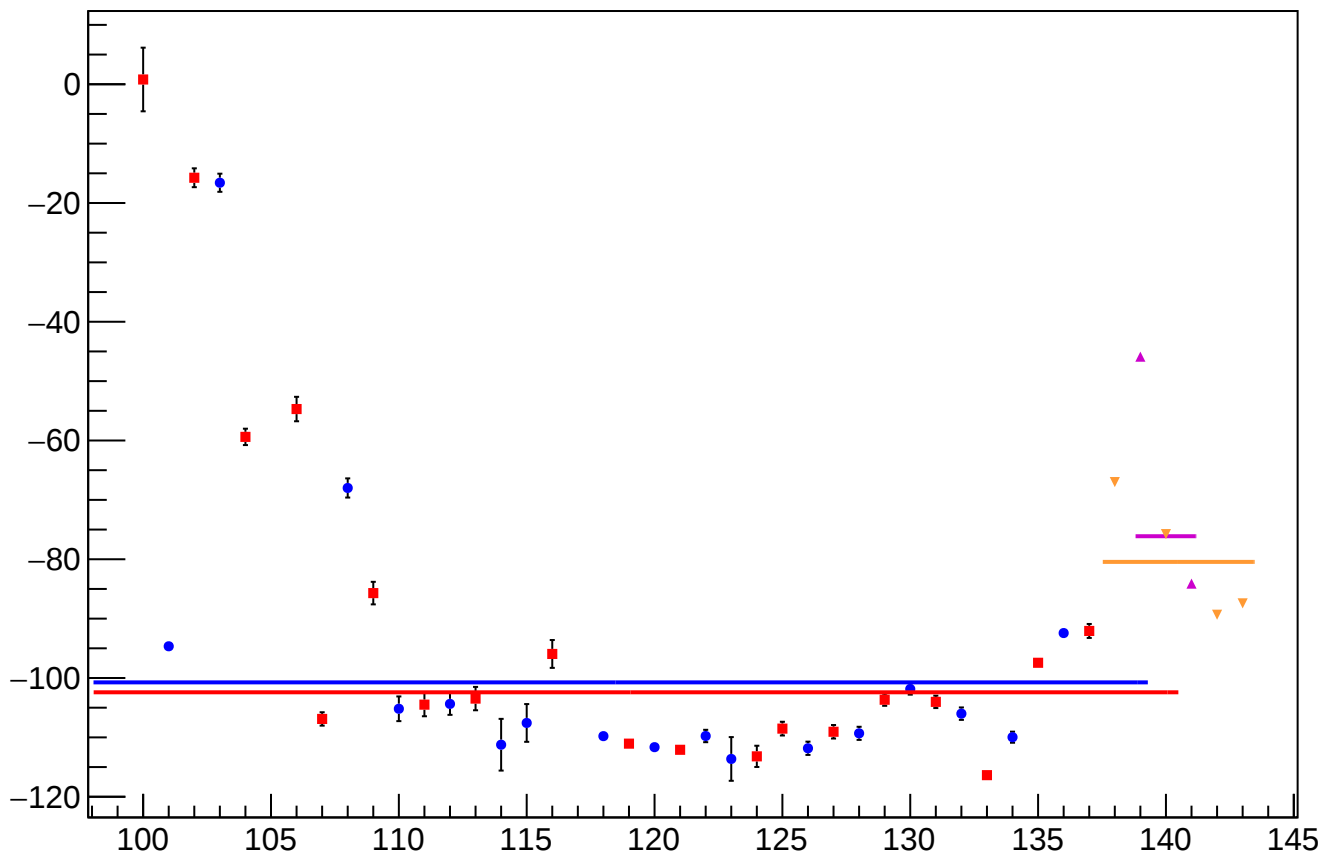
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 11.585 ± 0.278 χ^2/NDF : 2523.4/18

Out: 8.162 ± 0.240 χ^2/NDF : 2698.3/22

All: 9.630 ± 0.182 χ^2/NDF : 5308.5/41

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: -80.444+/-0.258 χ^2/NDF : 943.2/3

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: -79.117+/-0.215 χ^2/NDF : 2634.8/5

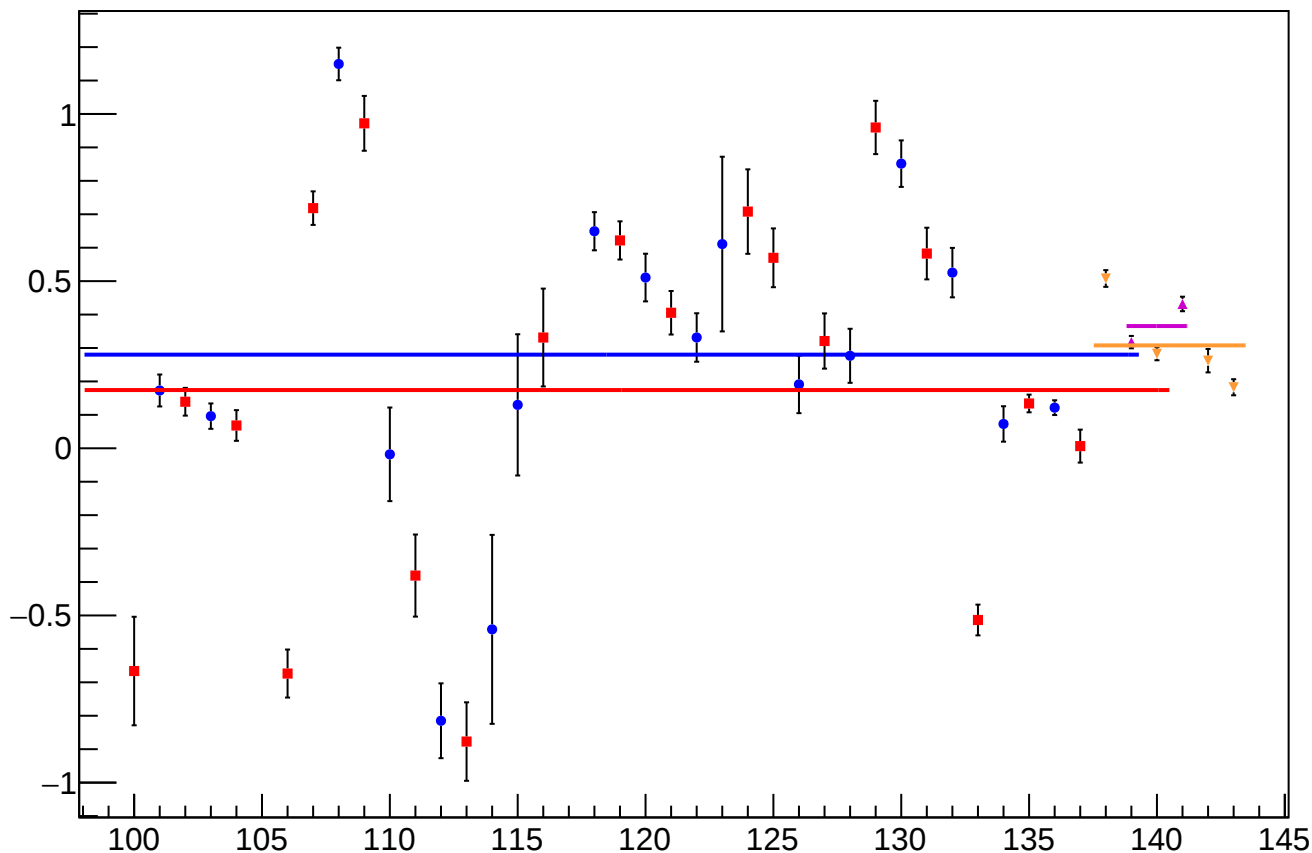
Right: -101.580+/-0.175 χ^2/NDF : 10631.4/35

In: -93.579+/-0.209 χ^2/NDF : 8983.4/18

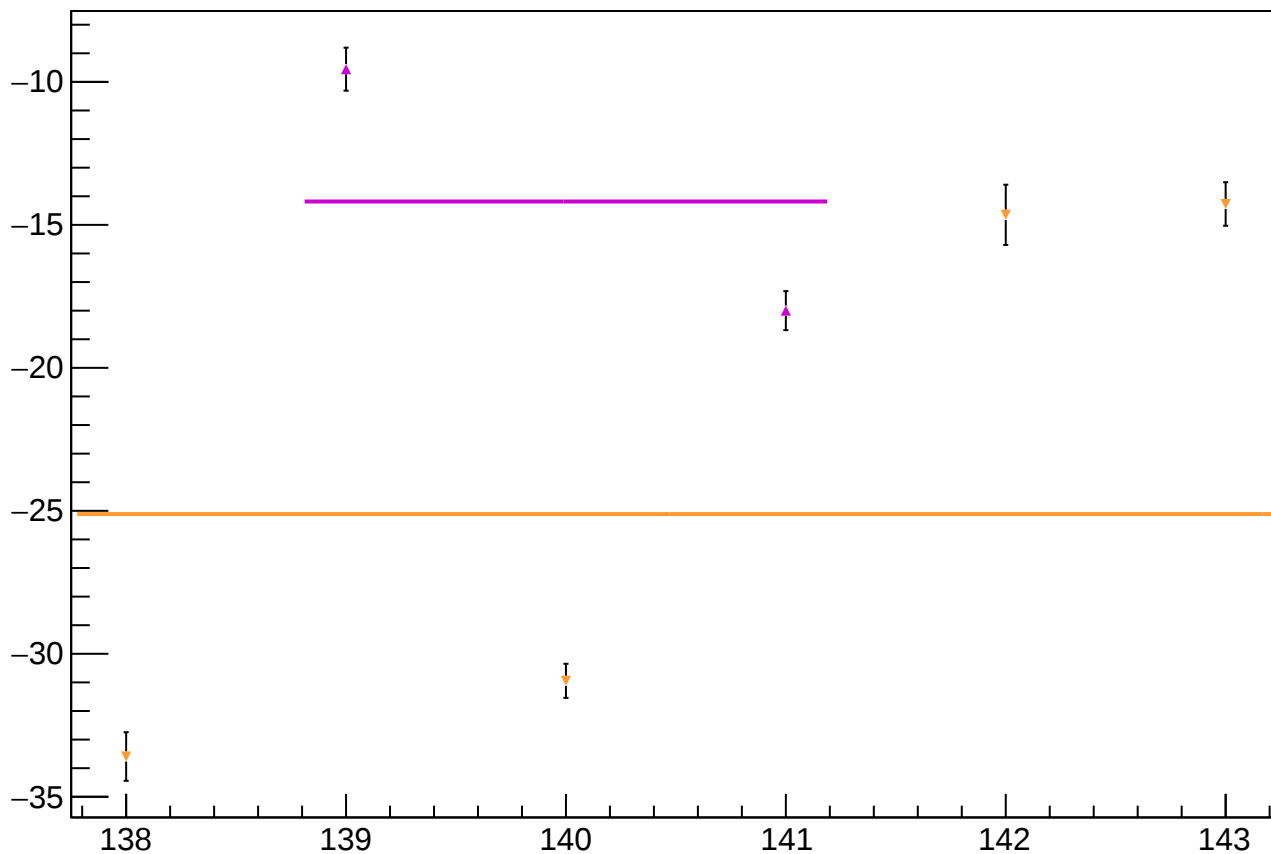
Out: -91.959+/-0.178 χ^2/NDF : 10827.9/22

All: -92.640+/-0.136 χ^2/NDF : 19846.1/41

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -25.114+/-0.383 χ^2/NDF : 497.2/3

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: -21.134+/-0.305 χ^2/NDF : 863.4/5

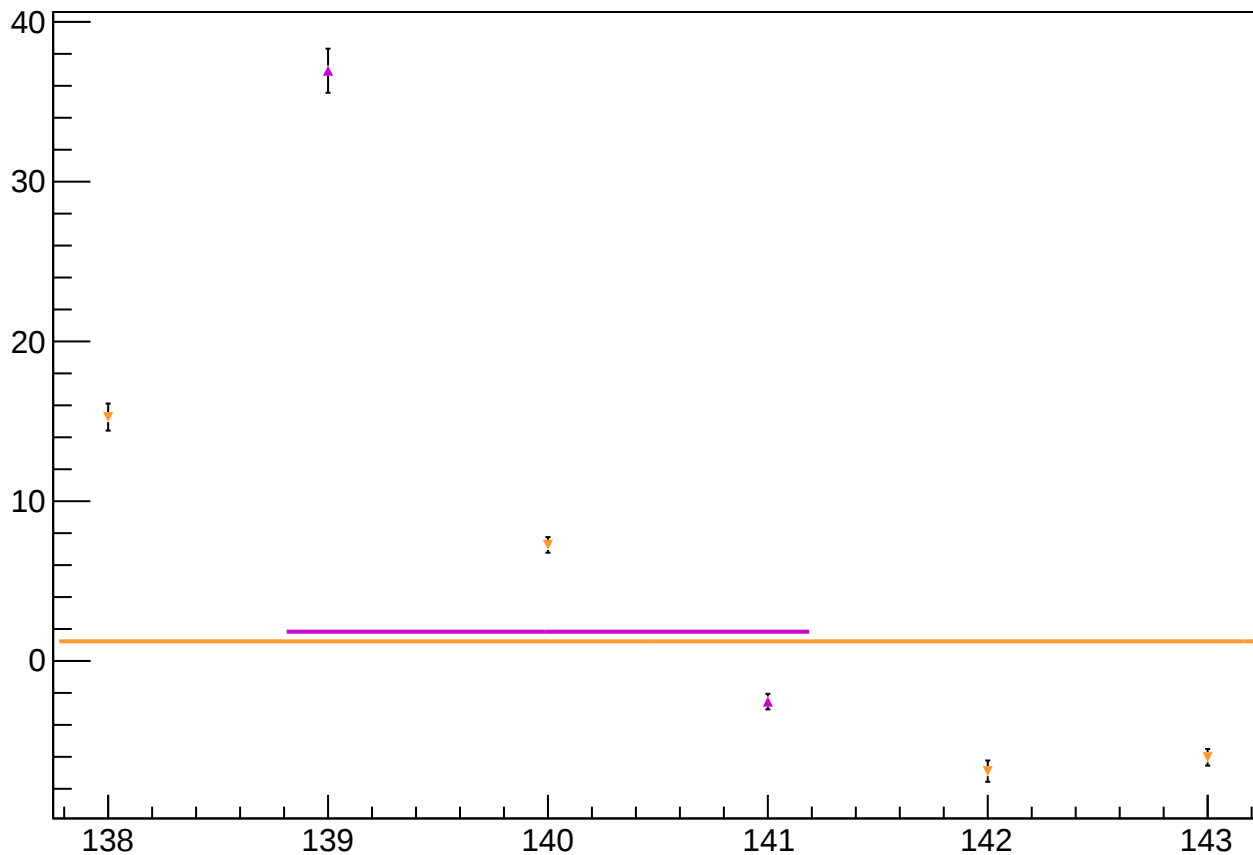
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.183+/-0.506 χ^2/NDF : 69.1/1

Out: -25.114+/-0.383 χ^2/NDF : 497.2/3

All: -21.134+/-0.305 χ^2/NDF : 863.4/5

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: 1.228+/-0.295 χ^2/NDF :768.4/3

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: 1.404+/-0.248 χ^2/NDF : 1498.7/5

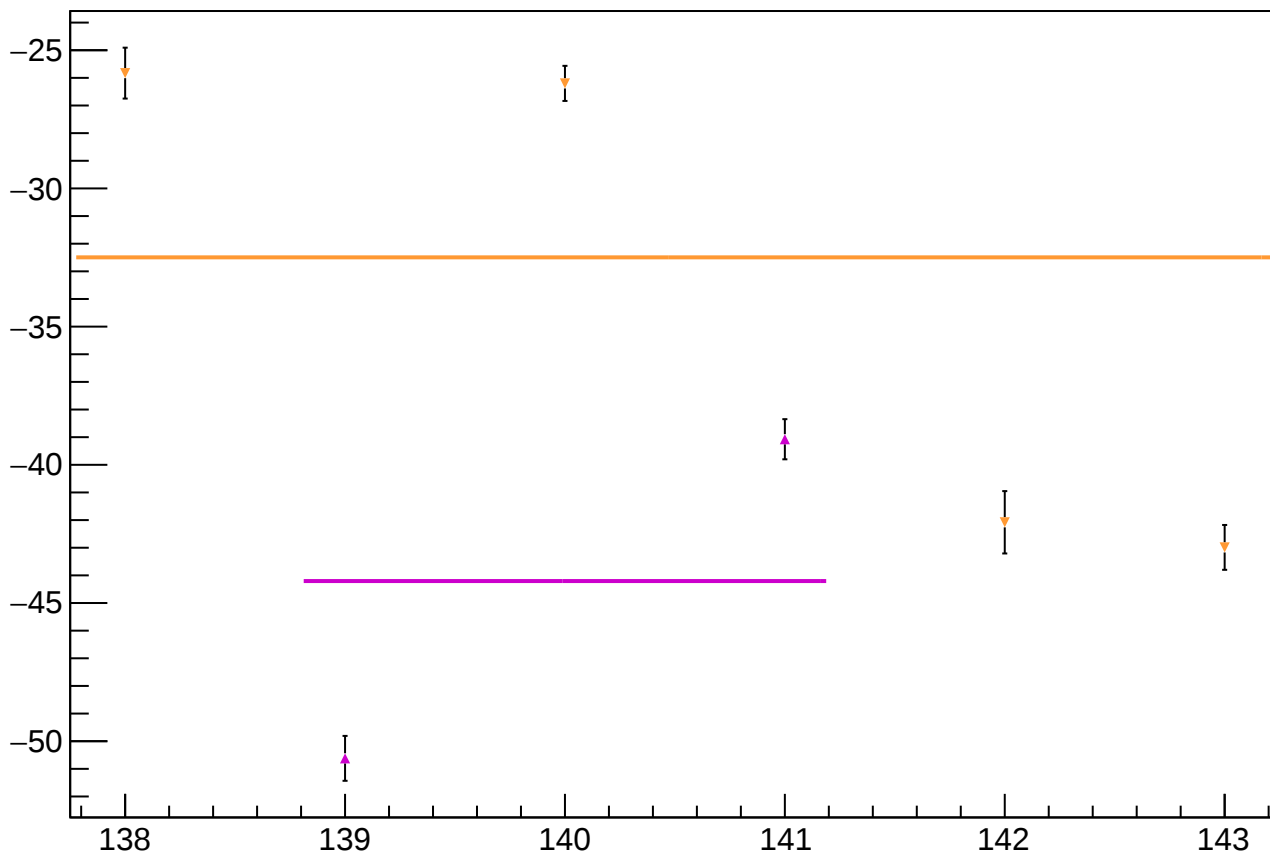
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.832+/-0.459 χ^2/NDF :729.1/1

Out: 1.228+/-0.295 χ^2/NDF :768.4/3

All: 1.404+/-0.248 χ^2/NDF : 1498.7/5

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: -32.494+/-0.409 χ^2/NDF :390.2/3

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: -36.755+/-0.327 χ^2/NDF : 800.1/5

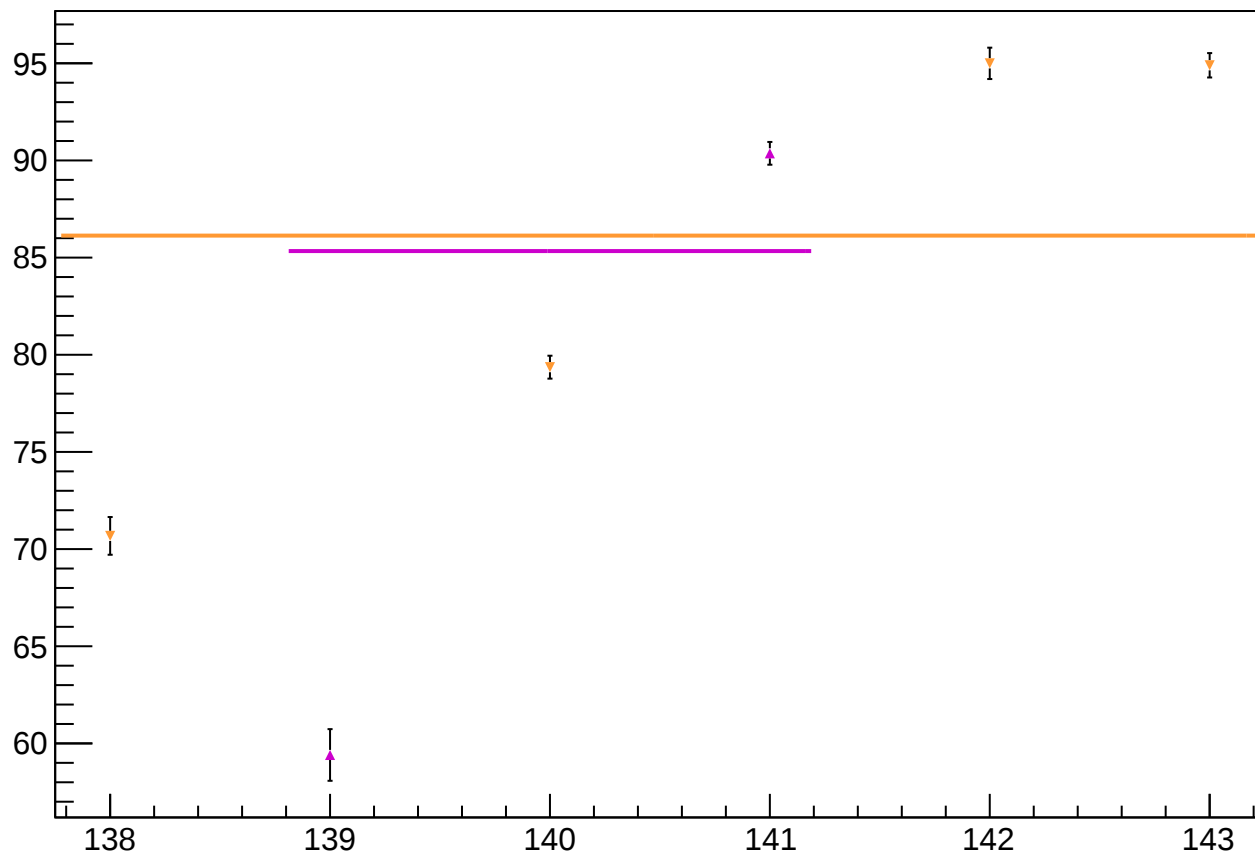
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.206+/-0.541 χ^2/NDF :112.3/1

Out: -32.494+/-0.409 χ^2/NDF :390.2/3

All: -36.755+/-0.327 χ^2/NDF : 800.1/5

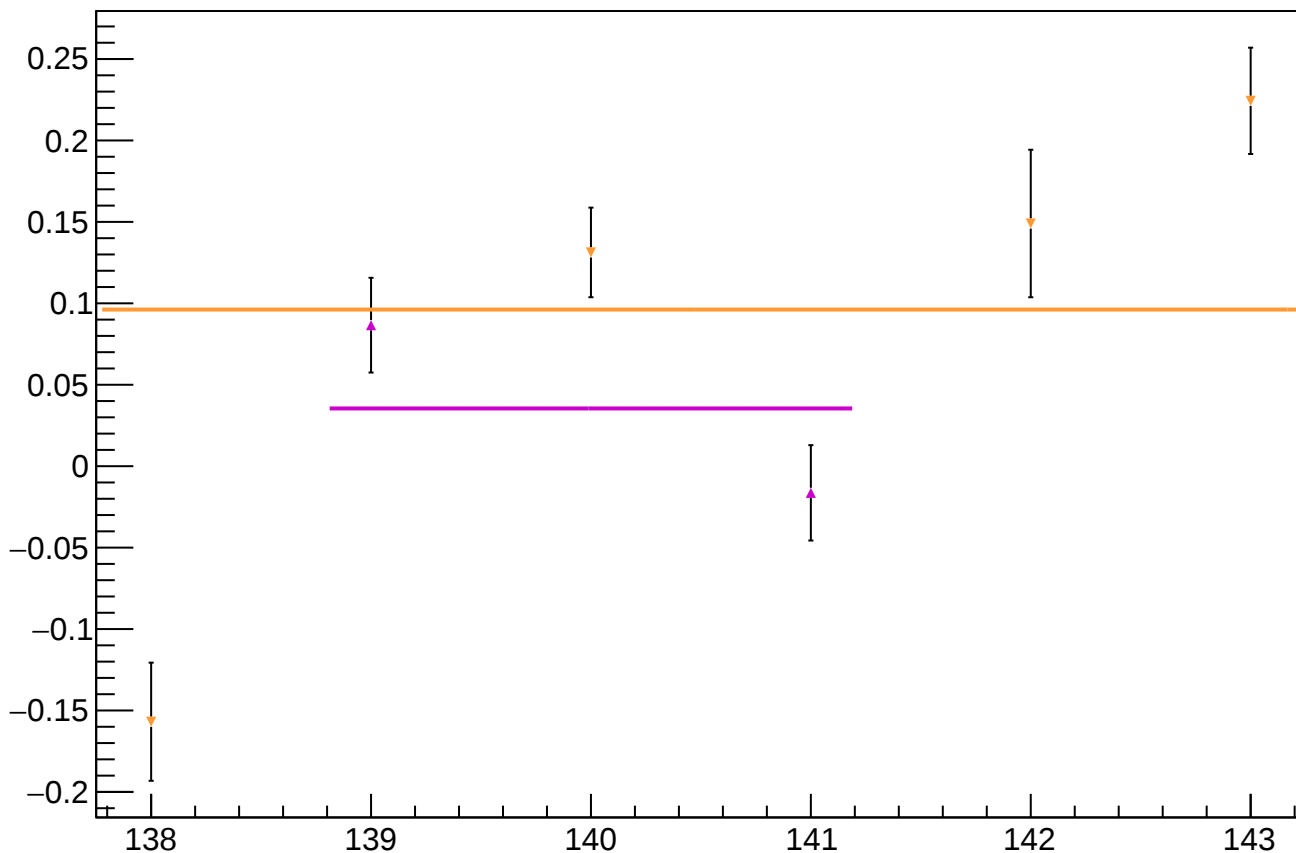
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 86.132+/-0.353 χ^2/NDF : 700.8/3
 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: 85.891+/-0.295 χ^2/NDF : 1156.5/5
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 85.336+/-0.536 χ^2/NDF : 454.1/1
 Out: 86.132+/-0.353 χ^2/NDF : 700.8/3
 All: 85.891+/-0.295 χ^2/NDF : 1156.5/5

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.096 $\pm$ 0.017 χ^2 /NDF:67.1/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.035 $\pm$ 0.021 χ^2 /NDF:6.2/1

Left: 0.072 $\pm$ 0.013 χ^2 /NDF: 78.5/5

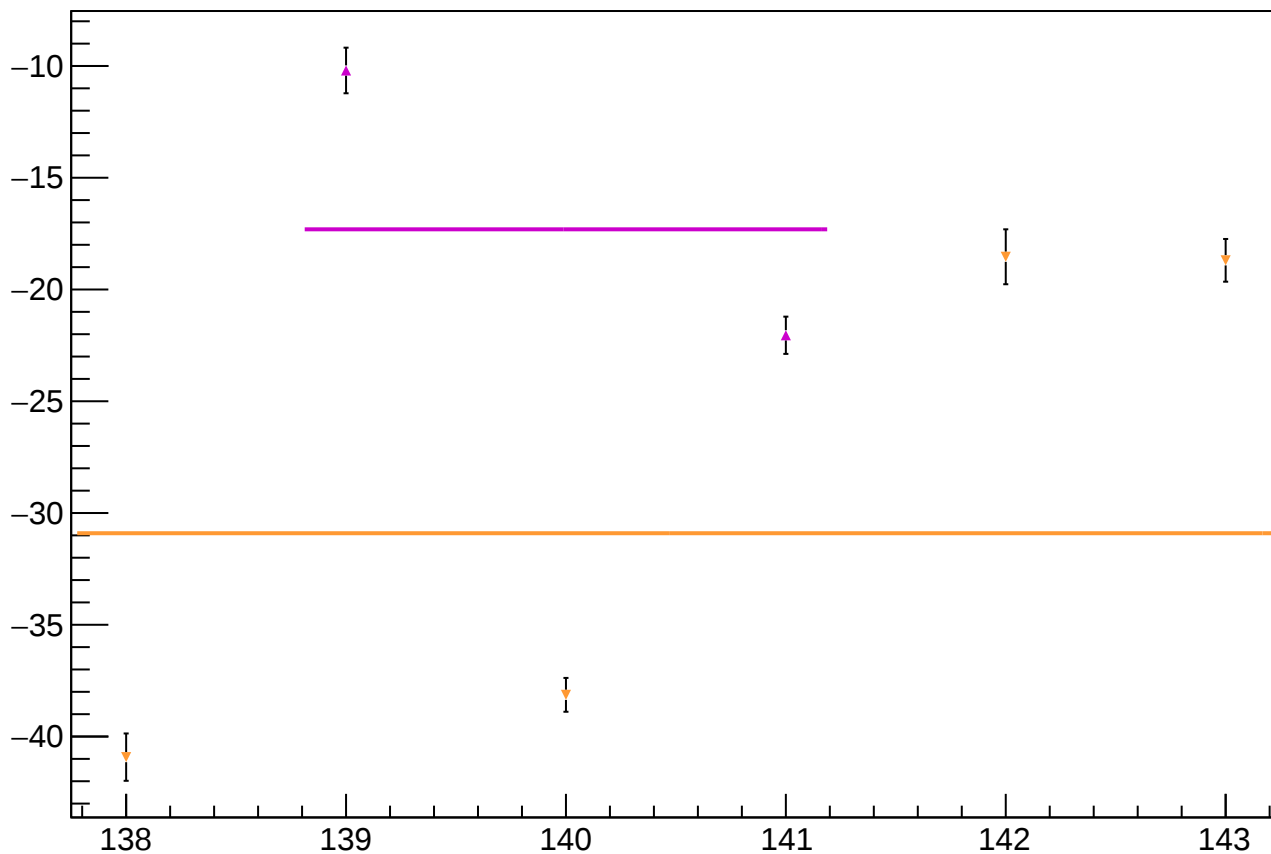
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.035 $\pm$ 0.021 χ^2 /NDF:6.2/1

Out: 0.096 $\pm$ 0.017 χ^2 /NDF:67.1/3

All: 0.072 $\pm$ 0.013 χ^2 /NDF: 78.5/5

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: -30.904+/-0.477 χ^2 /NDF:445.3/3

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: -26.100+/-0.384 χ^2 /NDF: 813.4/5

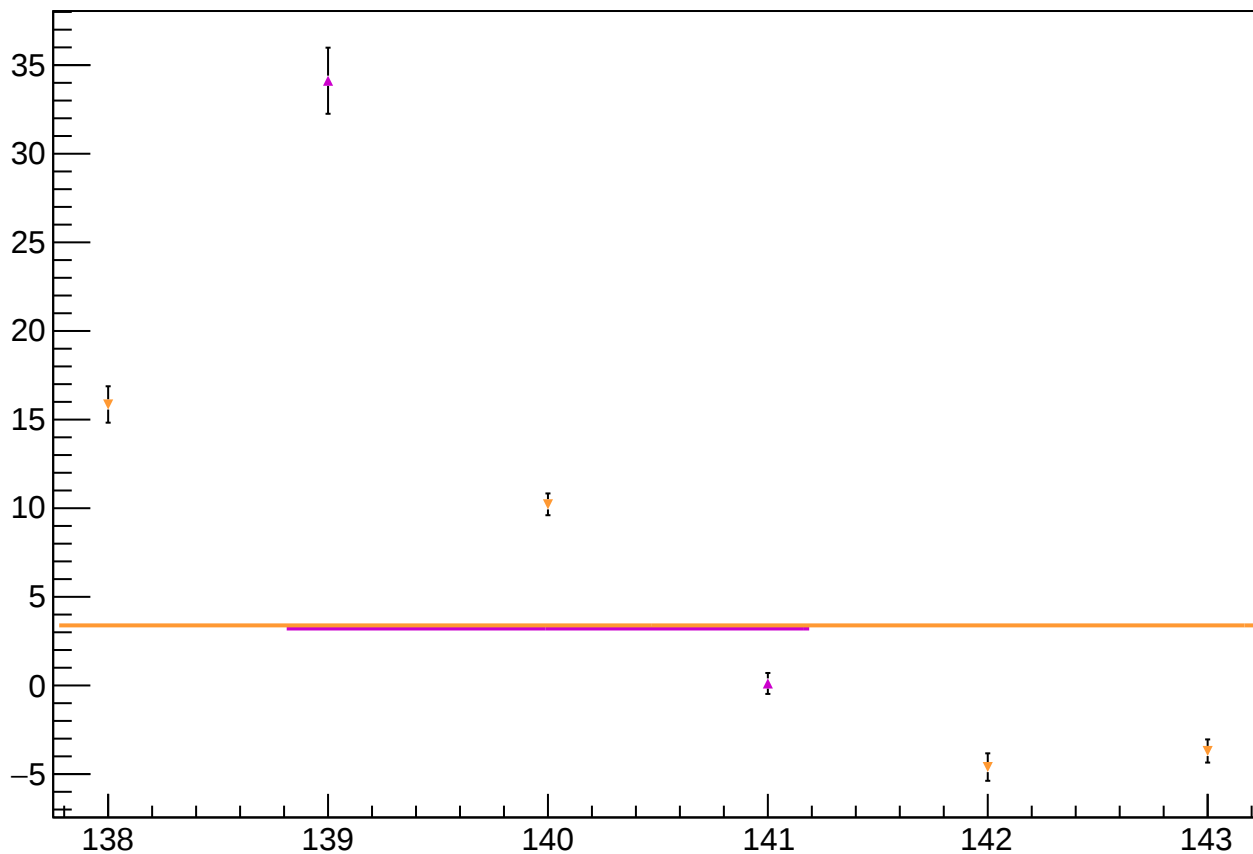
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -17.308+/-0.645 χ^2 /NDF:80.9/1

Out: -30.904+/-0.477 χ^2 /NDF:445.3/3

All: -26.100+/-0.384 χ^2 /NDF: 813.4/5

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: 3.389+/-0.363 χ^2/NDF :494.8/3

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: 3.338+/-0.305 χ^2/NDF : 797.1/5

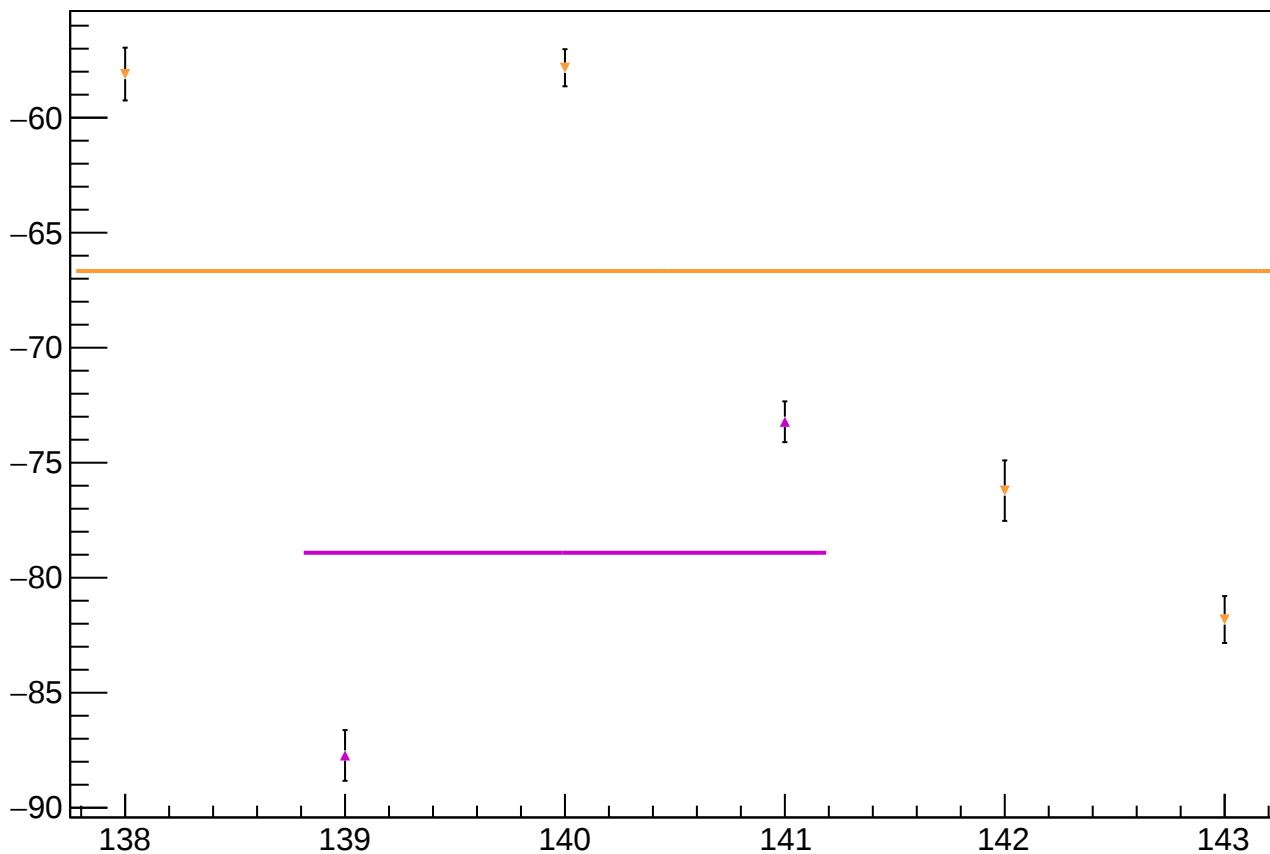
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.214+/-0.563 χ^2/NDF :302.2/1

Out: 3.389+/-0.363 χ^2/NDF :494.8/3

All: 3.338+/-0.305 χ^2/NDF : 797.1/5

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: -66.666+/-0.510 χ^2/NDF : 449.7/3

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: -70.993+/-0.410 χ^2/NDF : 758.5/5

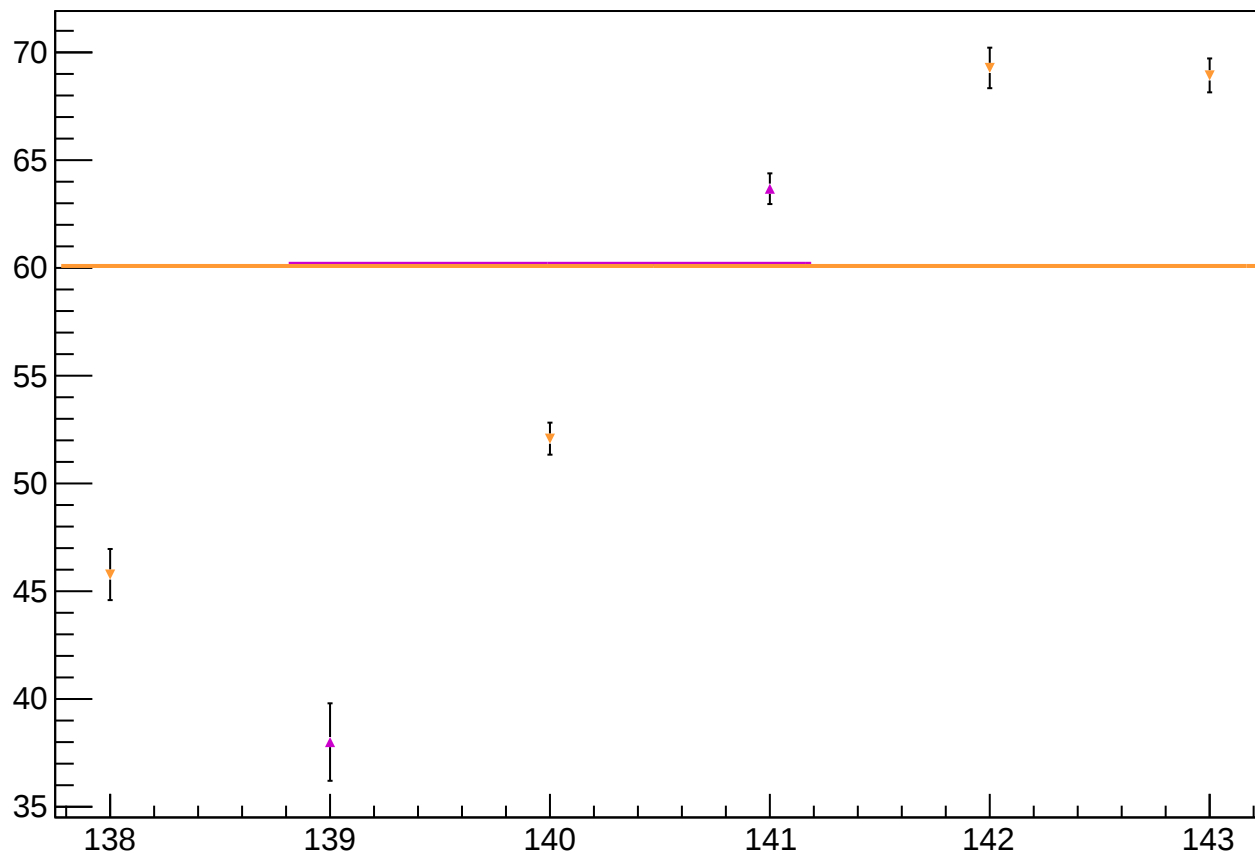
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.914+/-0.690 χ^2/NDF : 105.3/1

Out: -66.666+/-0.510 χ^2/NDF : 449.7/3

All: -70.993+/-0.410 χ^2/NDF : 758.5/5

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 60.091+/-0.436 χ^2/NDF :484.1/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 60.191+/-0.662 χ^2/NDF :176.3/1

Left: 60.121+/-0.364 χ^2/NDF : 660.4/5

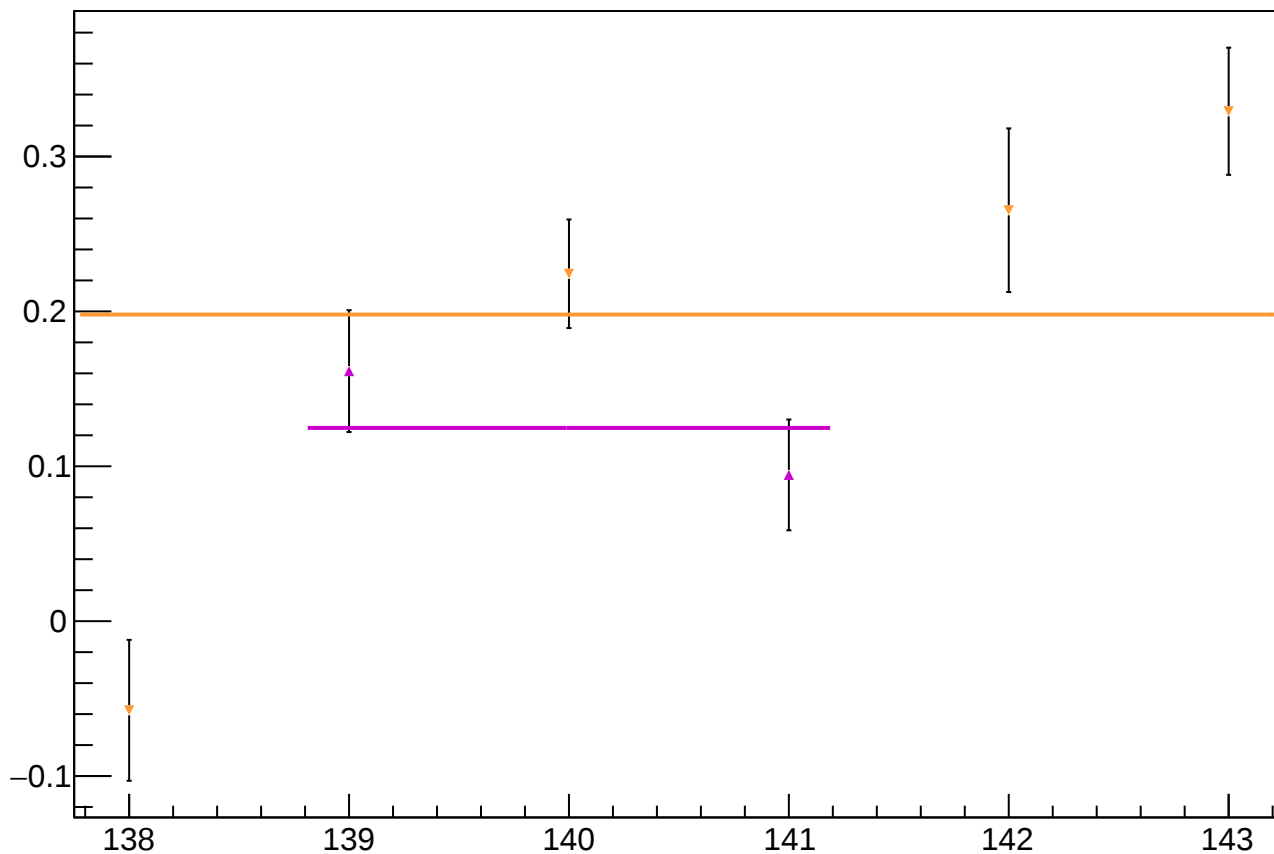
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.191+/-0.662 χ^2/NDF :176.3/1

Out: 60.091+/-0.436 χ^2/NDF :484.1/3

All: 60.121+/-0.364 χ^2/NDF : 660.4/5

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.198 $\pm$ 0.021 χ^2 /NDF:44.0/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.125 $\pm$ 0.026 χ^2 /NDF:1.6/1

Left: 0.170 $\pm$ 0.016 χ^2 /NDF: 50.2/5

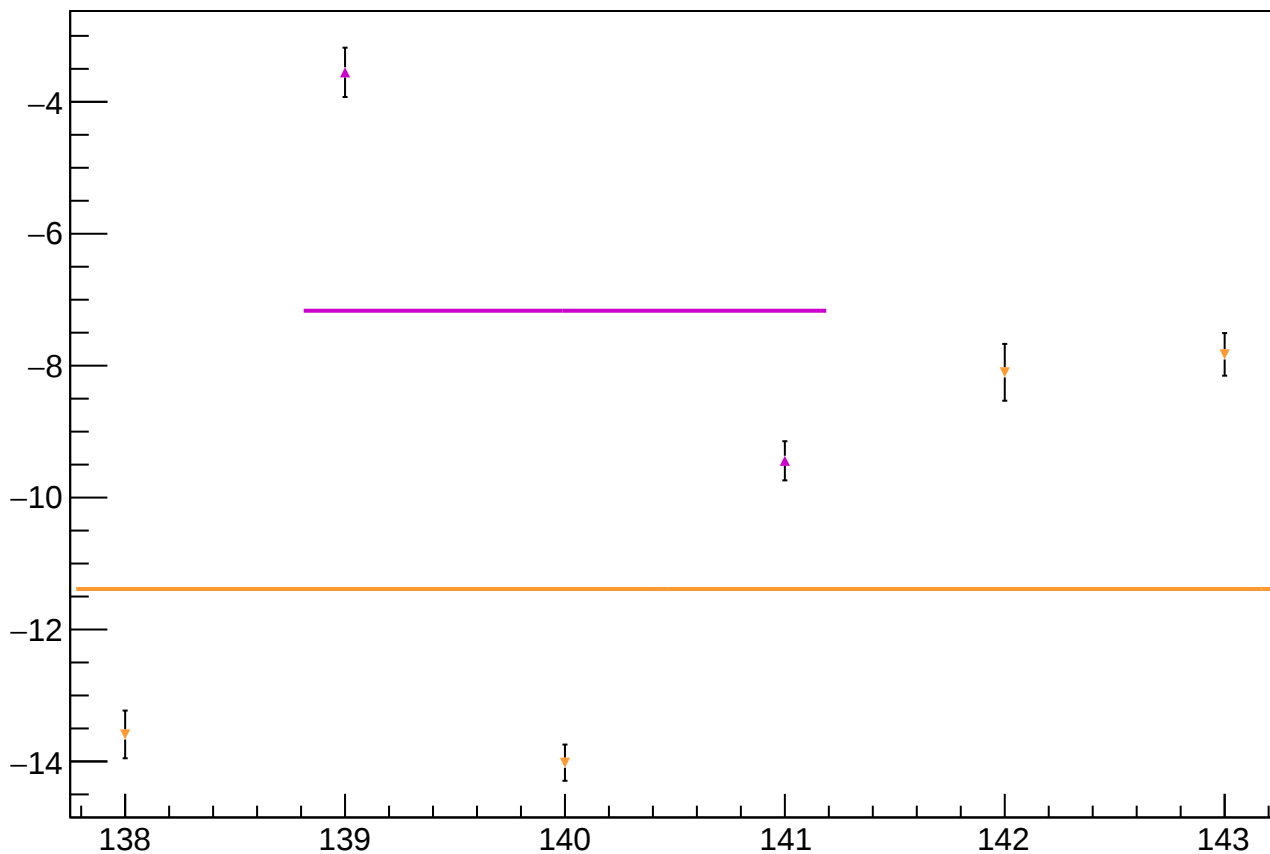
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.125 $\pm$ 0.026 χ^2 /NDF:1.6/1

Out: 0.198 $\pm$ 0.021 χ^2 /NDF:44.0/3

All: 0.170 $\pm$ 0.016 χ^2 /NDF: 50.2/5

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: -11.385+/-0.167 χ^2/NDF :308.7/3

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: -9.952+/-0.136 χ^2/NDF : 677.8/5

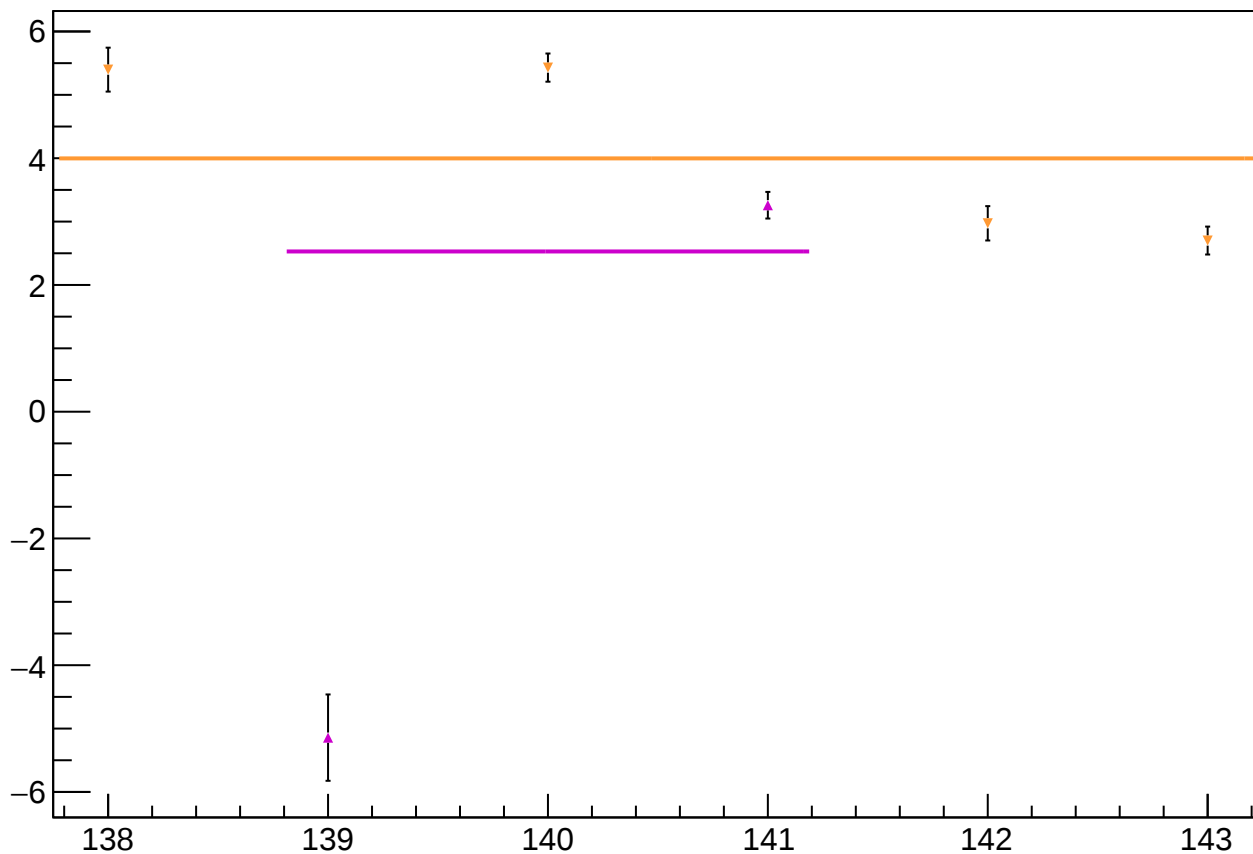
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.167+/-0.233 χ^2/NDF :152.0/1

Out: -11.385+/-0.167 χ^2/NDF :308.7/3

All: -9.952+/-0.136 χ^2/NDF : 677.8/5

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.997+/-0.126 χ^2/NDF :106.8/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.529+/-0.201 χ^2/NDF :138.9/1

Left: 3.581+/-0.107 χ^2/NDF : 284.0/5

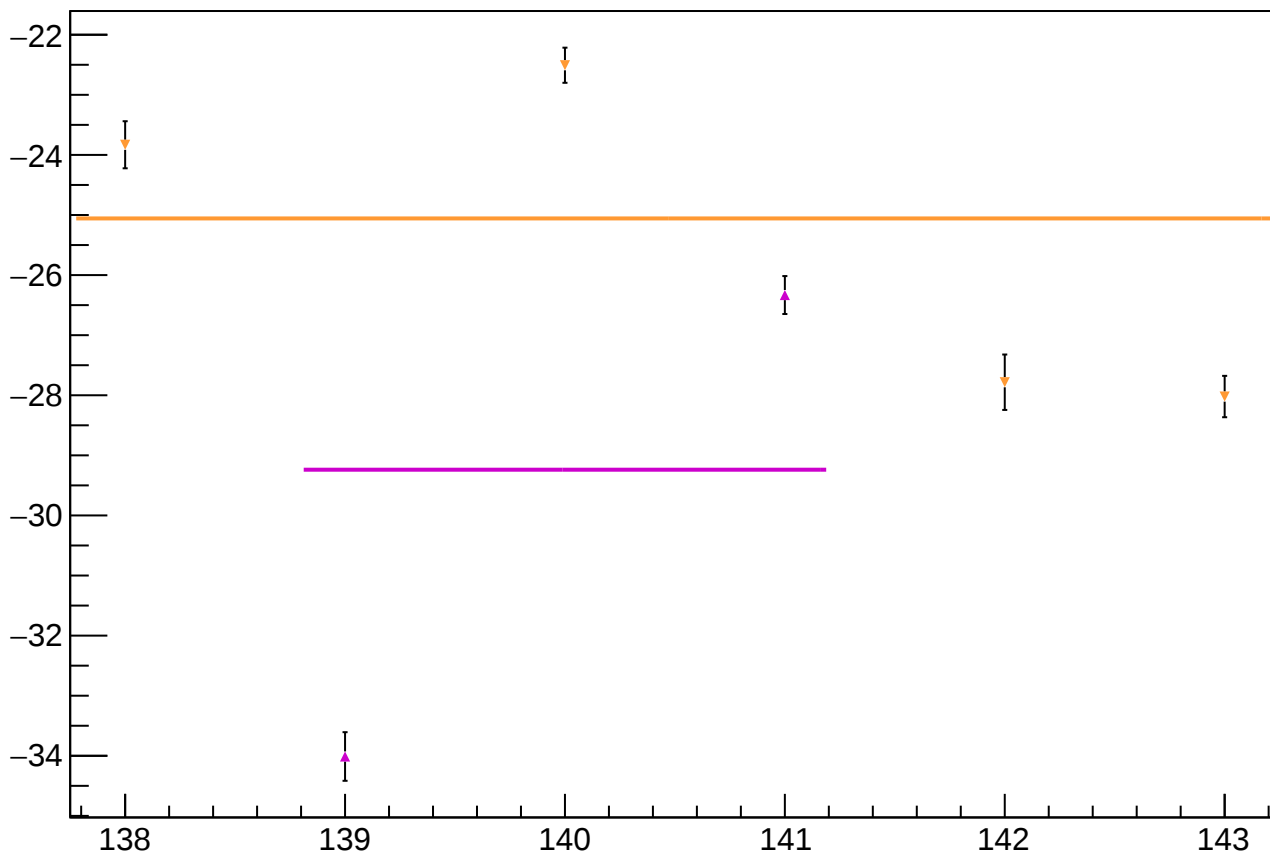
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.529+/-0.201 χ^2/NDF :138.9/1

Out: 3.997+/-0.126 χ^2/NDF :106.8/3

All: 3.581+/-0.107 χ^2/NDF : 284.0/5

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.057+/-0.179 χ^2/NDF :194.9/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.239+/-0.249 χ^2/NDF :223.9/1

Left: -26.478+/-0.145 χ^2/NDF : 605.2/5

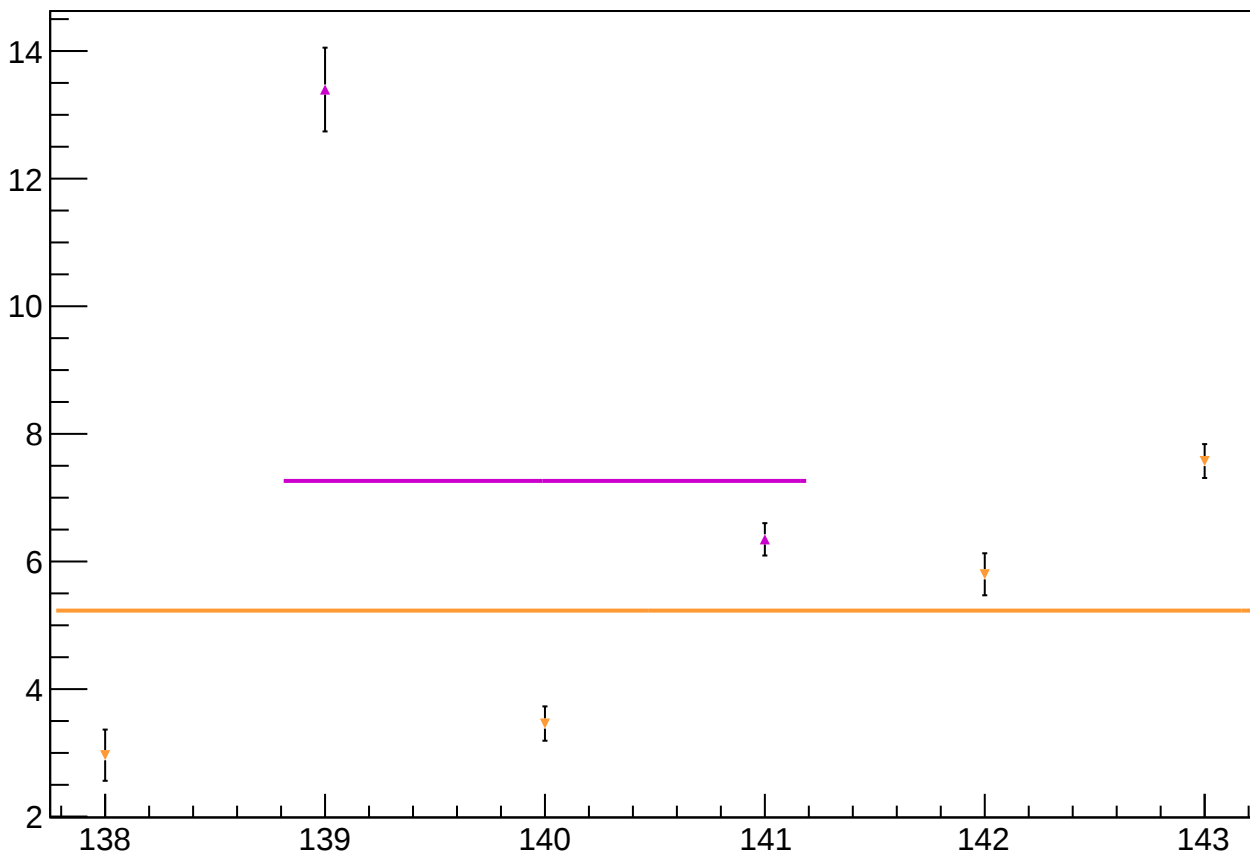
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.239+/-0.249 χ^2/NDF :223.9/1

Out: -25.057+/-0.179 χ^2/NDF :194.9/3

All: -26.478+/-0.145 χ^2/NDF : 605.2/5

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: 5.230+/-0.152 χ^2/NDF :156.2/3

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: 5.823+/-0.128 χ^2/NDF : 308.8/5

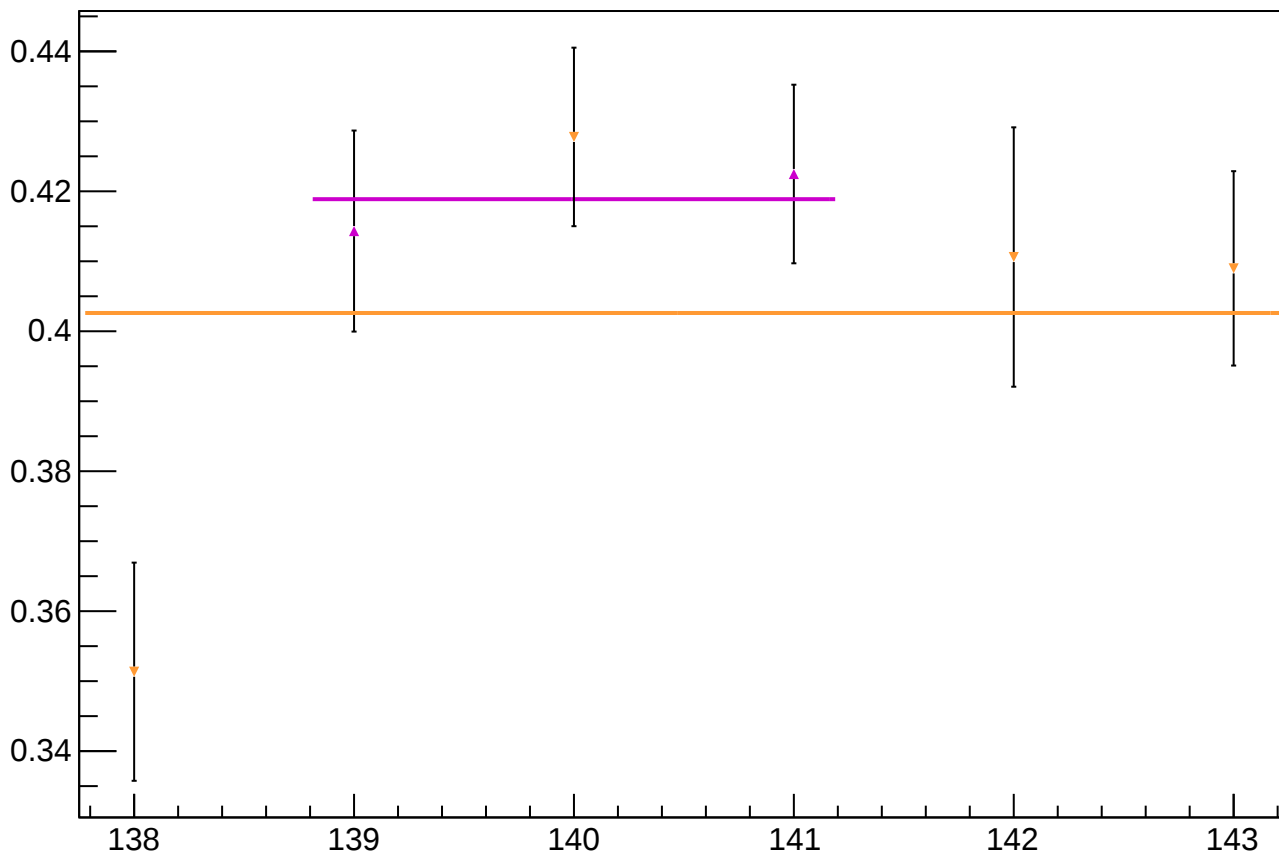
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.263+/-0.237 χ^2/NDF :100.3/1

Out: 5.230+/-0.152 χ^2/NDF :156.2/3

All: 5.823+/-0.128 χ^2/NDF : 308.8/5

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.403 $\pm$ 0.007 χ^2 /NDF:15.1/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.419 $\pm$ 0.010 χ^2 /NDF:0.2/1

Left: 0.409 $\pm$ 0.006 χ^2 /NDF: 17.1/5

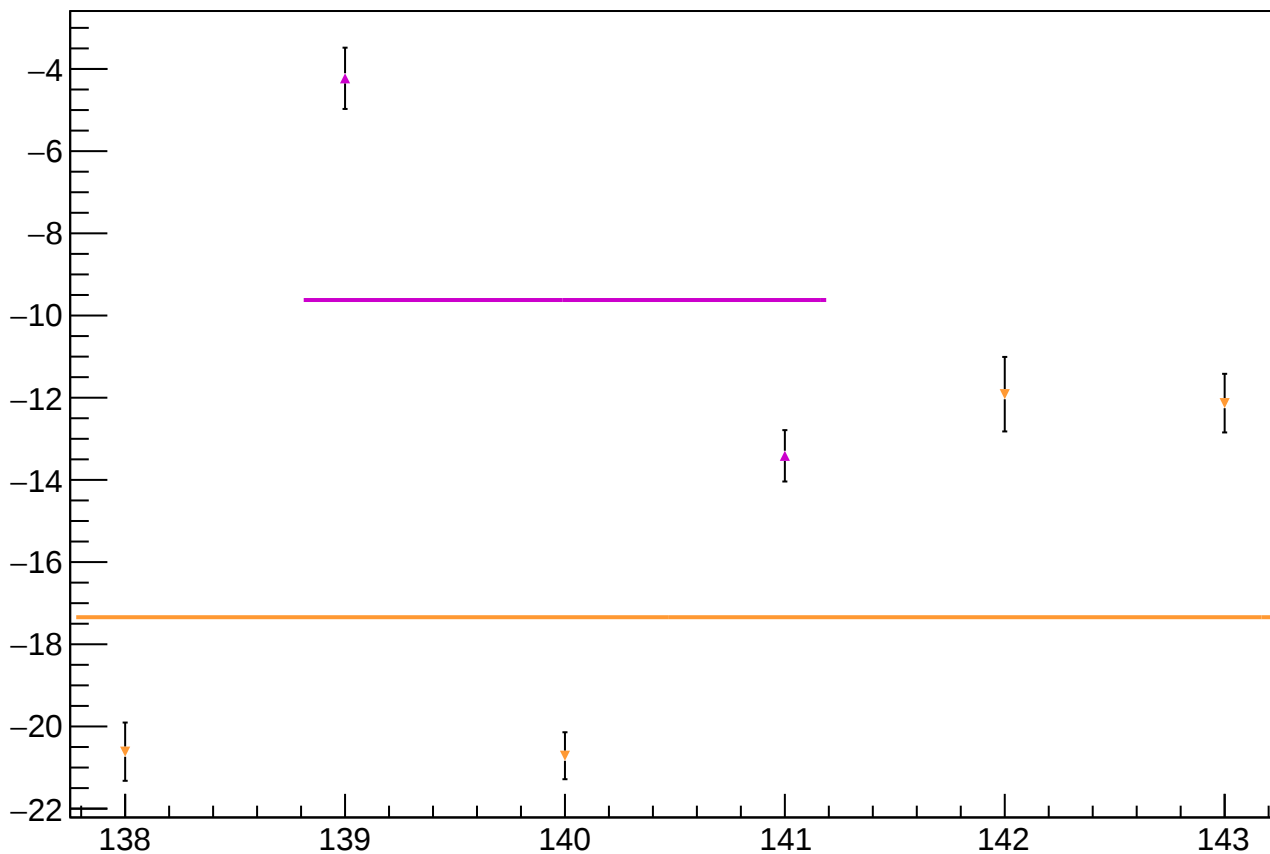
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.419 $\pm$ 0.010 χ^2 /NDF:0.2/1

Out: 0.403 $\pm$ 0.007 χ^2 /NDF:15.1/3

All: 0.409 $\pm$ 0.006 χ^2 /NDF: 17.1/5

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: -17.341+/-0.348 χ^2/NDF :145.3/3

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: -14.670+/-0.282 χ^2/NDF : 404.3/5

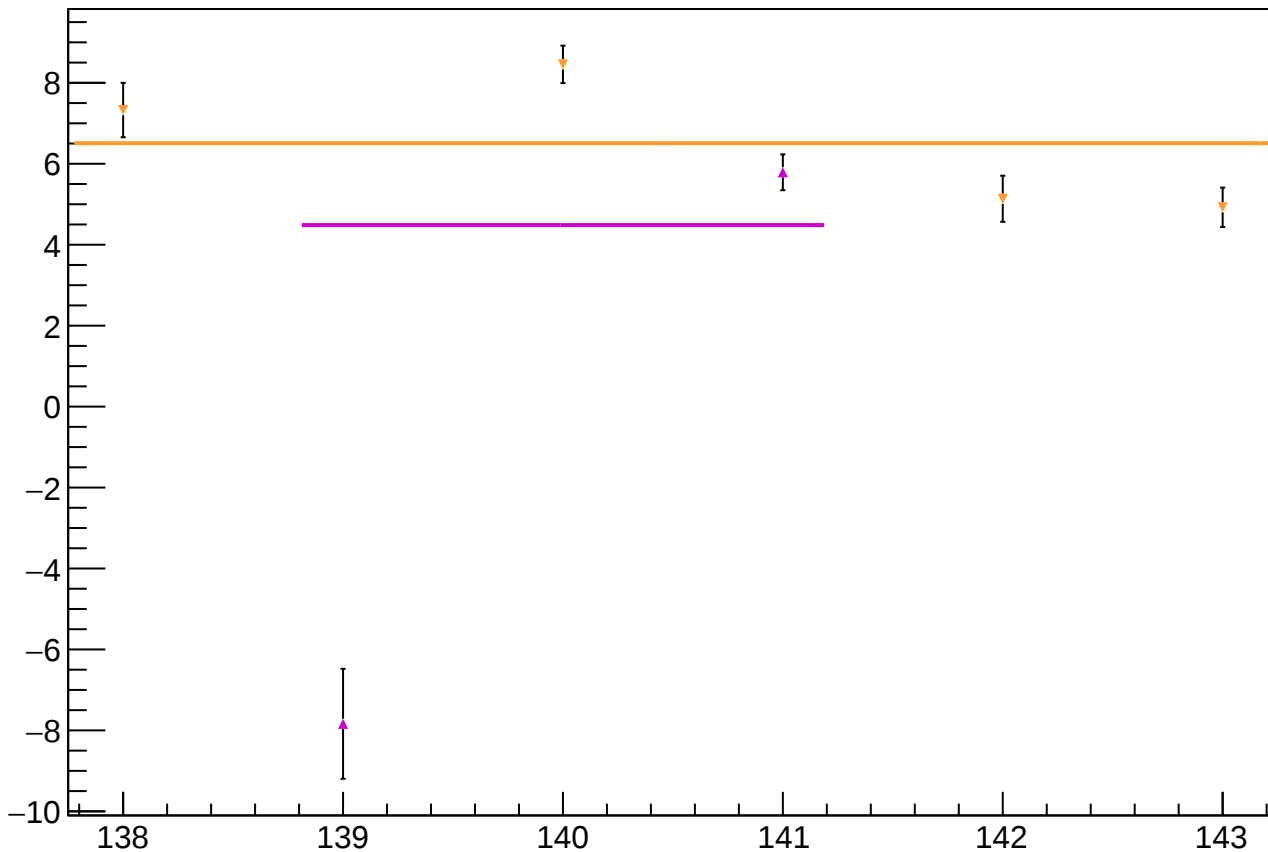
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.622+/-0.479 χ^2/NDF :89.2/1

Out: -17.341+/-0.348 χ^2/NDF :145.3/3

All: -14.670+/-0.282 χ^2/NDF : 404.3/5

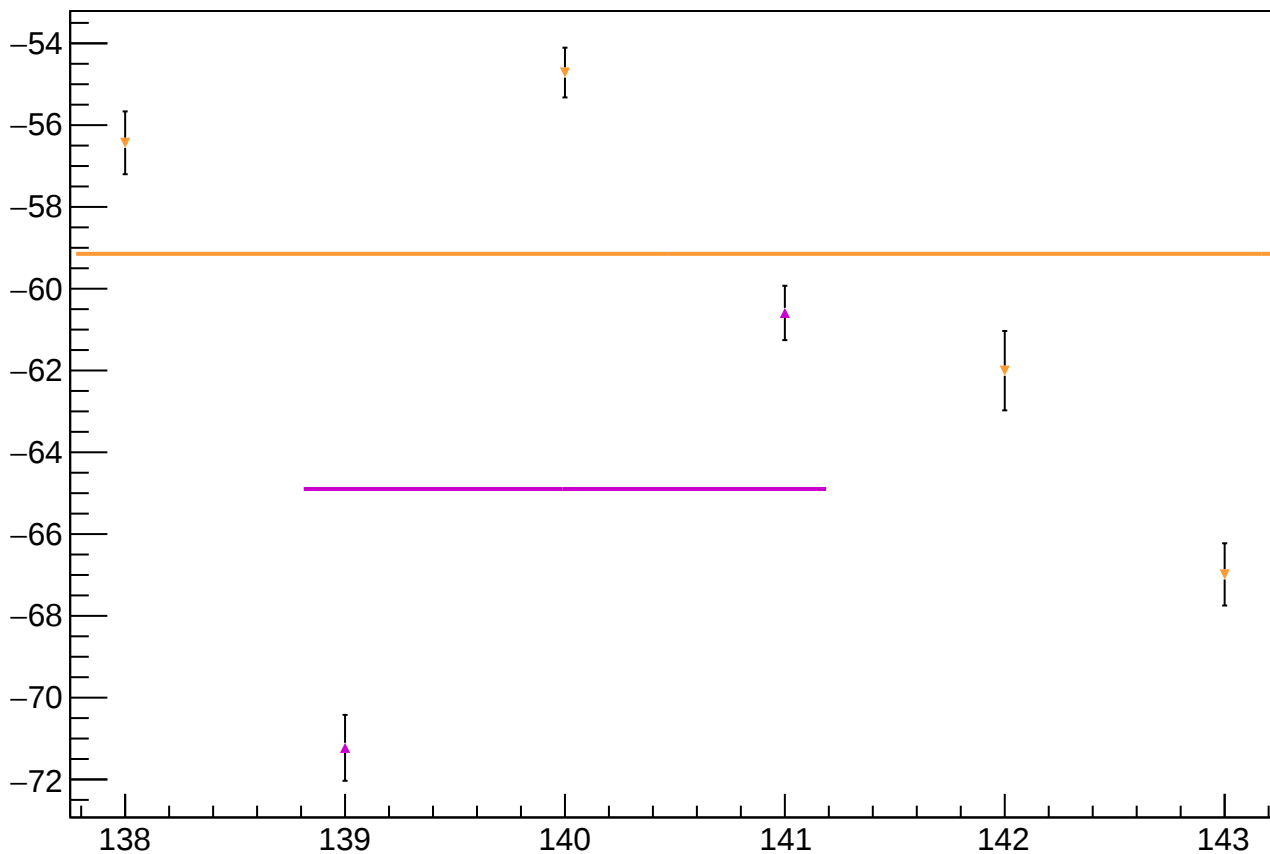
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.509+/-0.265 χ^2 /NDF:35.6/3
 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: 5.932+/-0.224 χ^2 /NDF: 143.2/5
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 4.485+/-0.420 χ^2 /NDF:91.0/1
 Out: 6.509+/-0.265 χ^2 /NDF:35.6/3
 All: 5.932+/-0.224 χ^2 /NDF: 143.2/5

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: -59.147+/-0.373 χ^2/NDF :180.5/3

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: -61.137+/-0.302 χ^2/NDF : 366.3/5

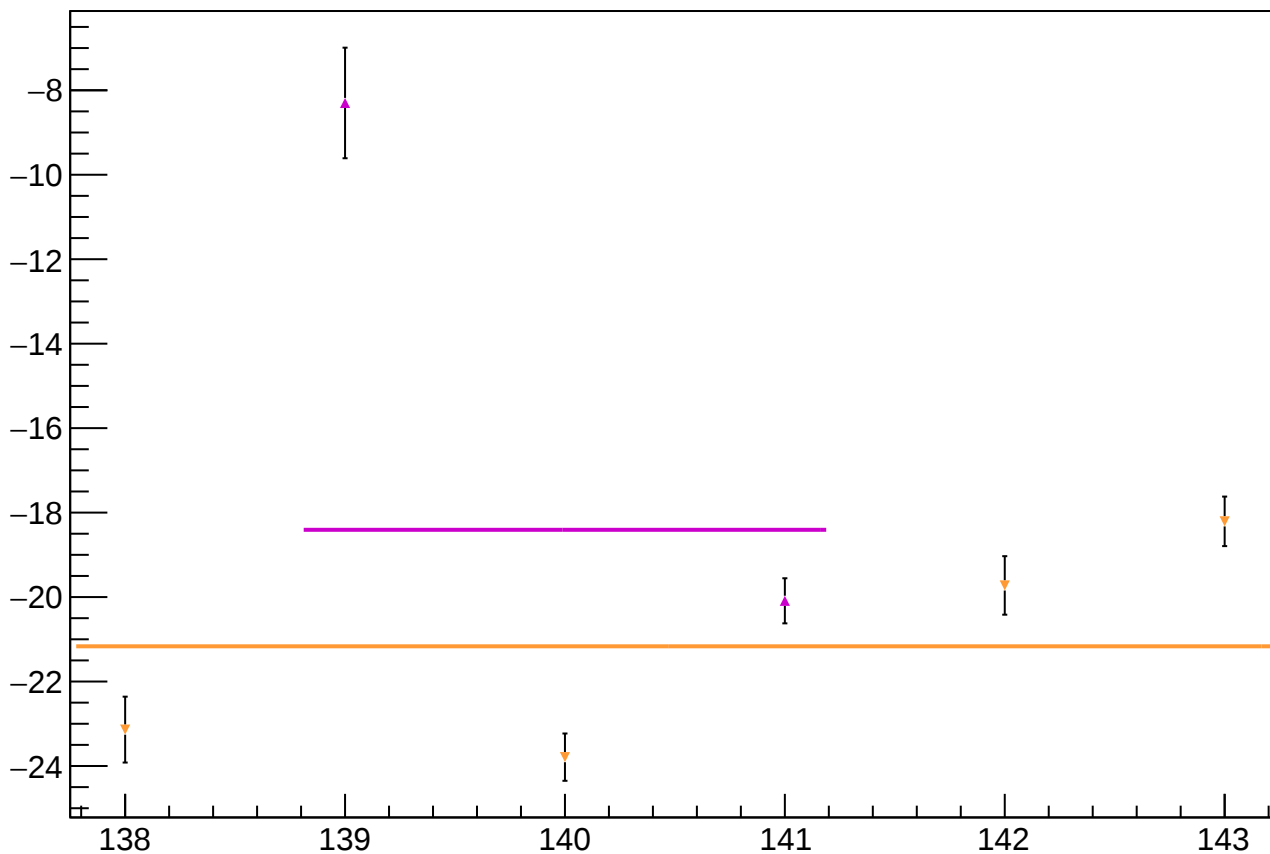
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.897+/-0.513 χ^2/NDF :103.6/1

Out: -59.147+/-0.373 χ^2/NDF :180.5/3

All: -61.137+/-0.302 χ^2/NDF : 366.3/5

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: -21.166+/-0.319 χ^2/NDF : 58.2/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.407+/-0.494 χ^2/NDF : 69.5/1

Left: -20.355+/-0.268 χ^2/NDF : 149.7/5

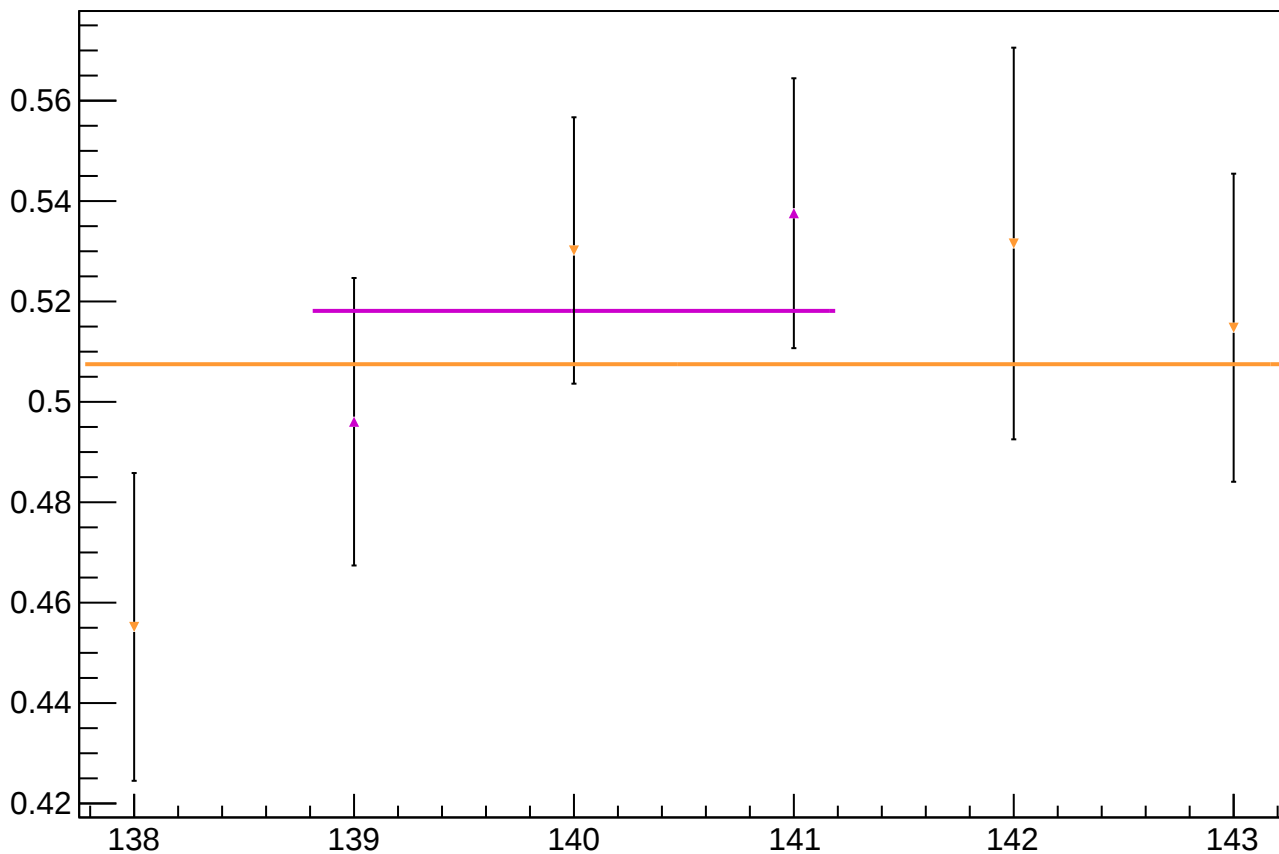
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.407+/-0.494 χ^2/NDF : 69.5/1

Out: -21.166+/-0.319 χ^2/NDF : 58.2/3

All: -20.355+/-0.268 χ^2/NDF : 149.7/5

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.508 $\pm$ 0.015 χ^2 /NDF:4.1/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.518 $\pm$ 0.020 χ^2 /NDF:1.1/1

Left: 0.512 $\pm$ 0.012 χ^2 /NDF: 5.4/5

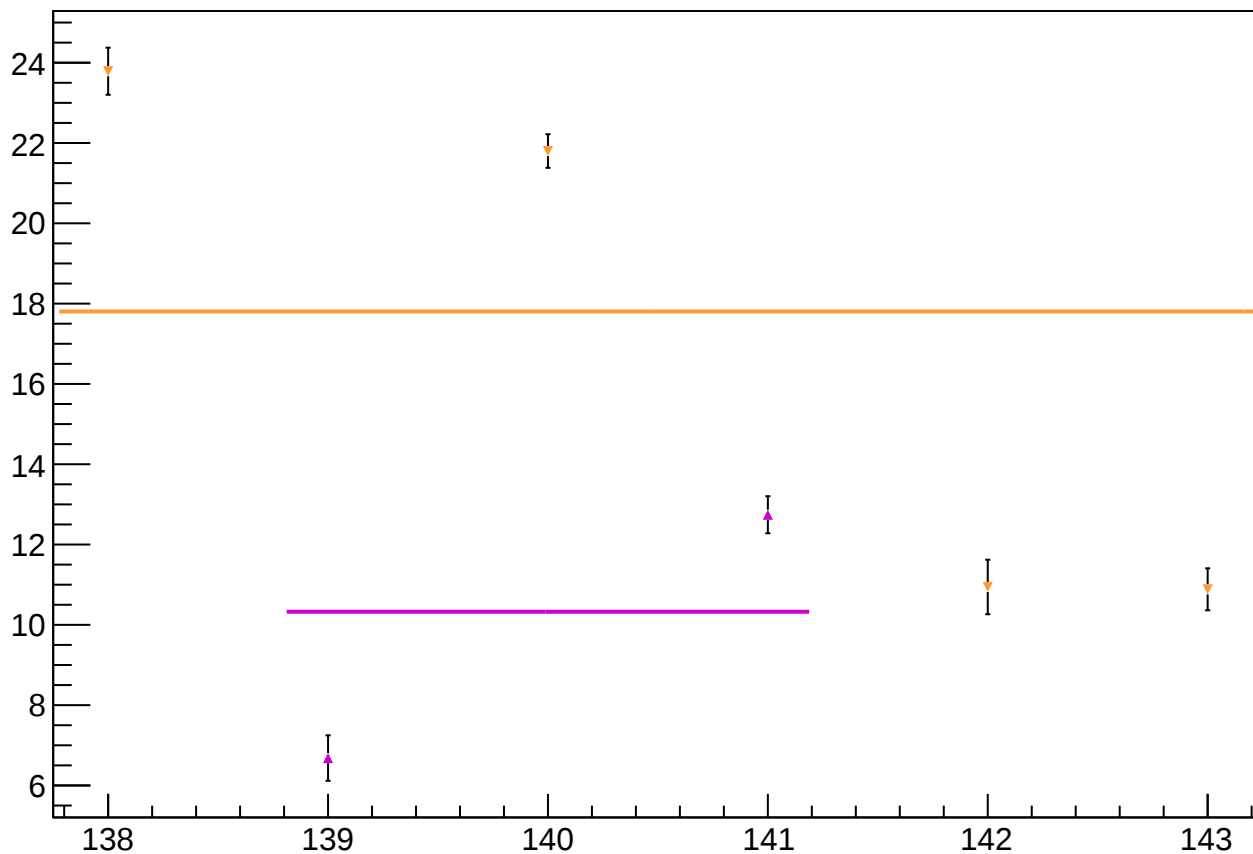
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.518 $\pm$ 0.020 χ^2 /NDF:1.1/1

Out: 0.508 $\pm$ 0.015 χ^2 /NDF:4.1/3

All: 0.512 $\pm$ 0.012 χ^2 /NDF: 5.4/5

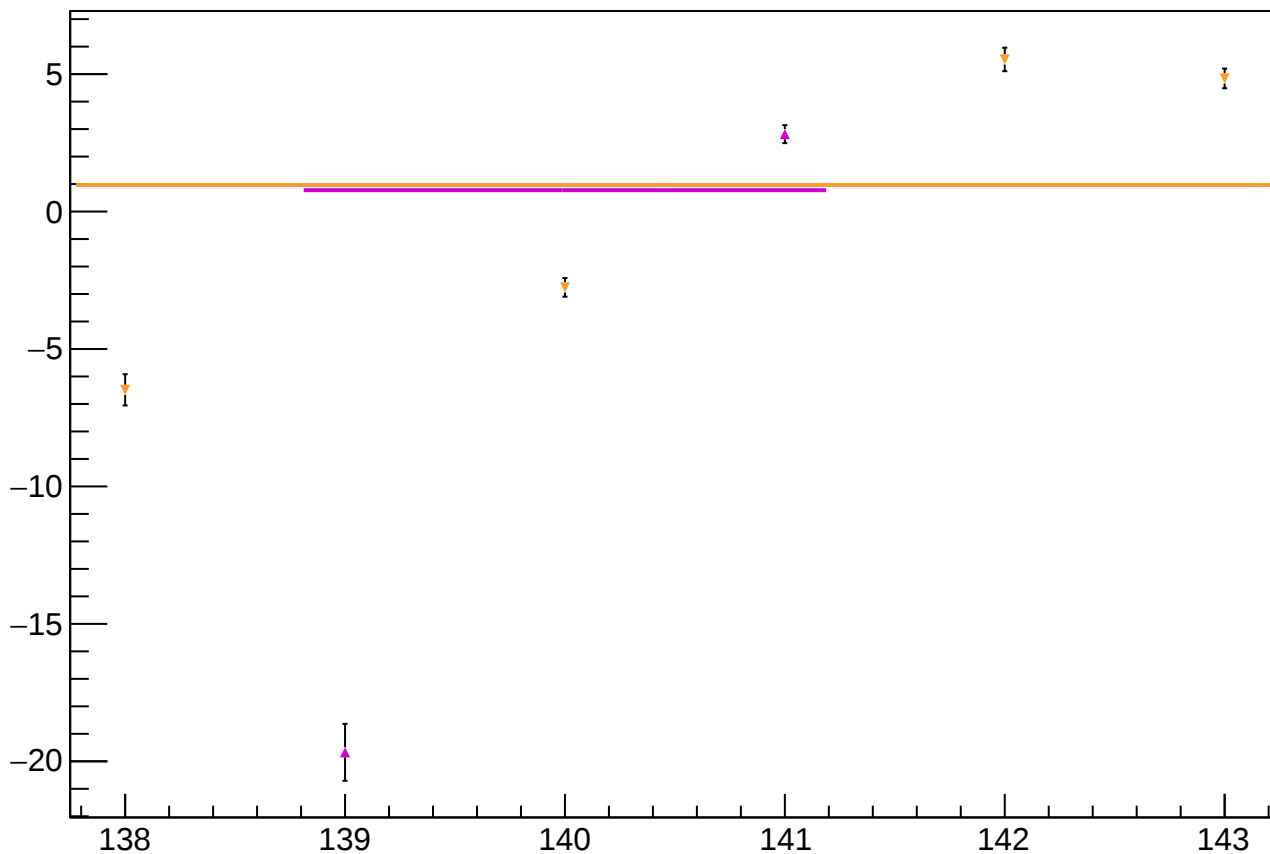
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 17.804+/-0.263 χ^2 /NDF:472.8/3
 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: 15.179+/-0.212 χ^2 /NDF: 825.3/5
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 10.327+/-0.358 χ^2 /NDF:68.8/1
 Out: 17.804+/-0.263 χ^2 /NDF:472.8/3
 All: 15.179+/-0.212 χ^2 /NDF: 825.3/5

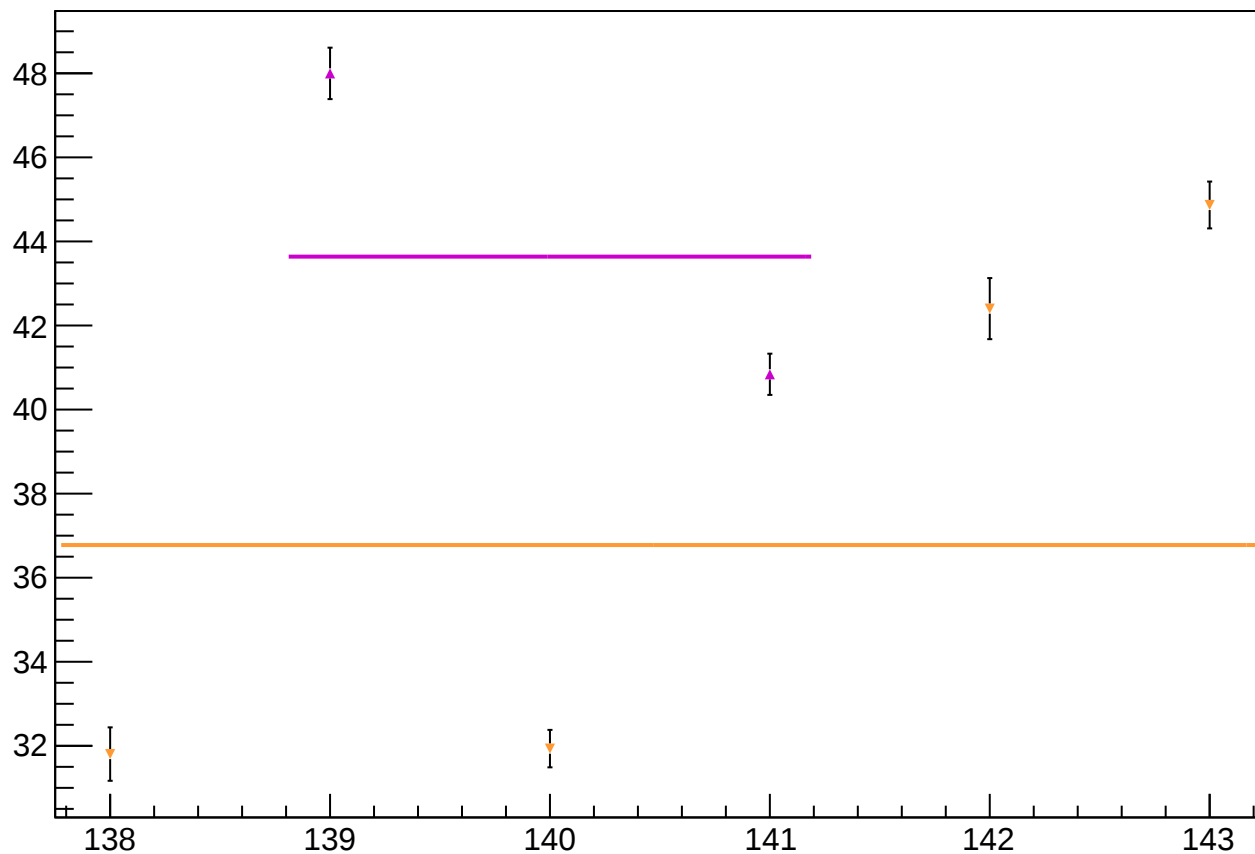
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.965+/-0.200 χ^2/NDF :523.3/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.777+/-0.312 χ^2/NDF :429.1/1

Left: 0.910+/-0.168 χ^2/NDF : 952.7/5
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.777+/-0.312 χ^2/NDF :429.1/1
 Out: 0.965+/-0.200 χ^2/NDF :523.3/3
 All: 0.910+/-0.168 χ^2/NDF : 952.7/5

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: 36.777+/-0.281 χ^2/NDF : 450.2/3

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: 39.185+/-0.227 χ^2/NDF : 742.2/5

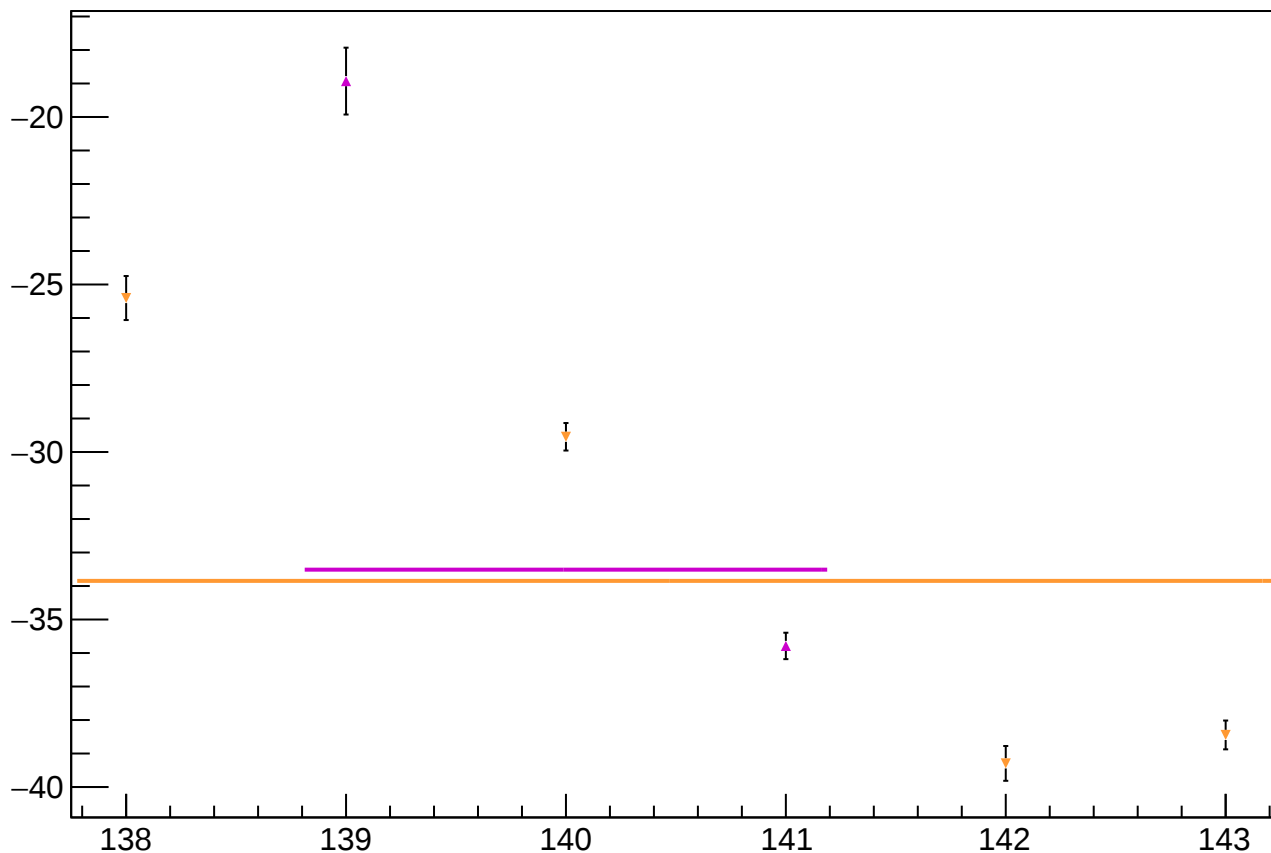
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 43.639+/-0.383 χ^2/NDF : 83.3/1

Out: 36.777+/-0.281 χ^2/NDF : 450.2/3

All: 39.185+/-0.227 χ^2/NDF : 742.2/5

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: -33.847+/-0.240 χ^2/NDF :499.3/3

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: -33.746+/-0.201 χ^2/NDF : 746.8/5

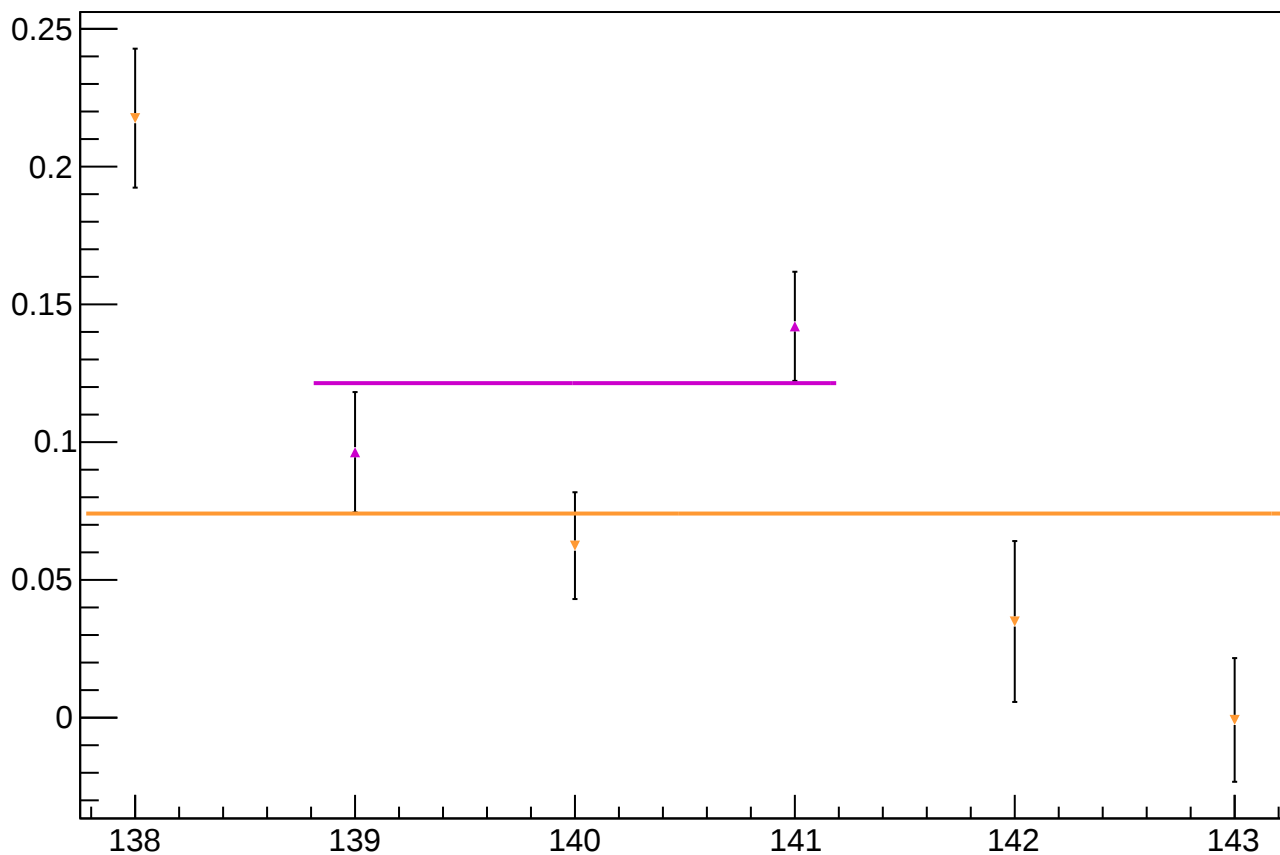
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.512+/-0.367 χ^2/NDF :246.9/1

Out: -33.847+/-0.240 χ^2/NDF :499.3/3

All: -33.746+/-0.201 χ^2/NDF : 746.8/5

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.074 $\pm$ 0.012 χ^2 /NDF:45.7/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.121 $\pm$ 0.015 χ^2 /NDF:2.4/1

Left: 0.092 $\pm$ 0.009 χ^2 /NDF: 54.5/5

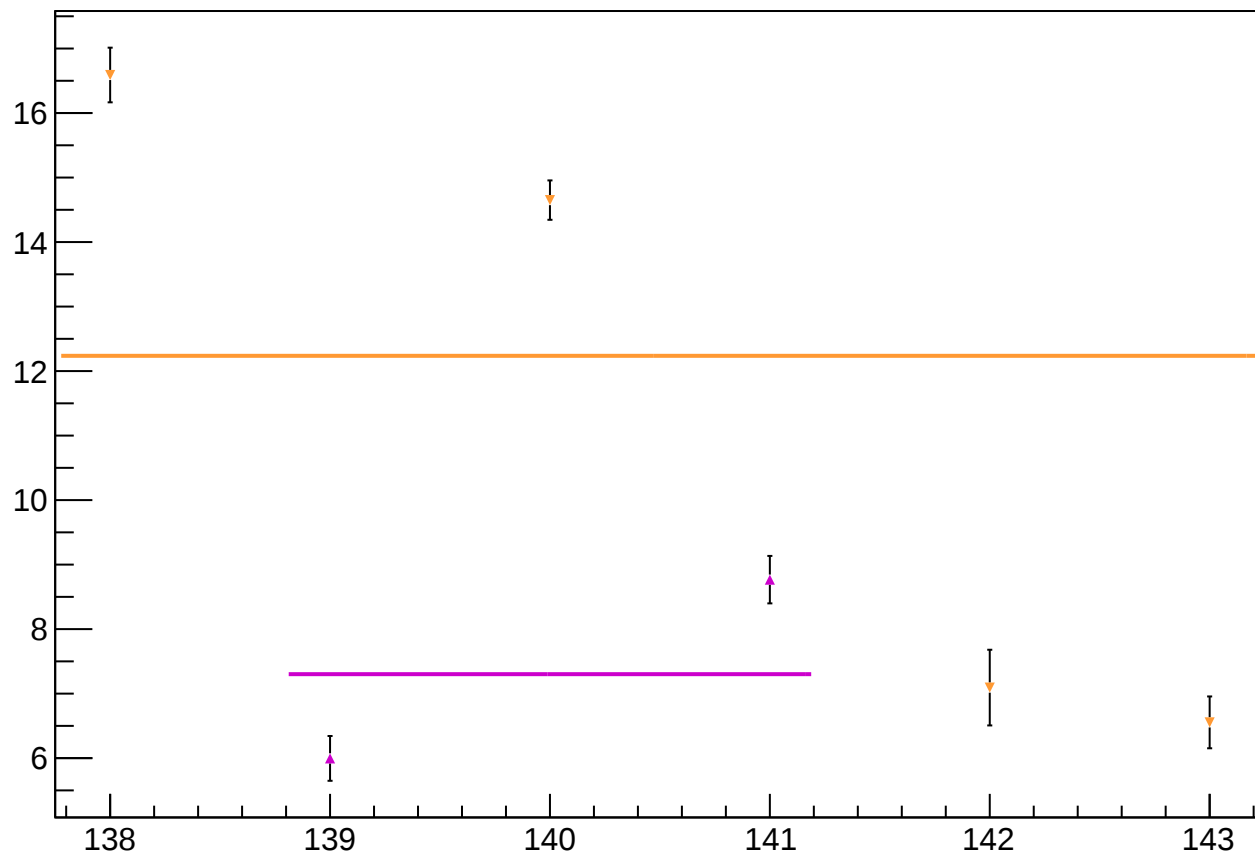
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.121 $\pm$ 0.015 χ^2 /NDF:2.4/1

Out: 0.074 $\pm$ 0.012 χ^2 /NDF:45.7/3

All: 0.092 $\pm$ 0.009 χ^2 /NDF: 54.5/5

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: 12.237+/-0.198 χ^2/NDF :445.0/3

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: 10.352+/-0.156 χ^2/NDF : 711.2/5

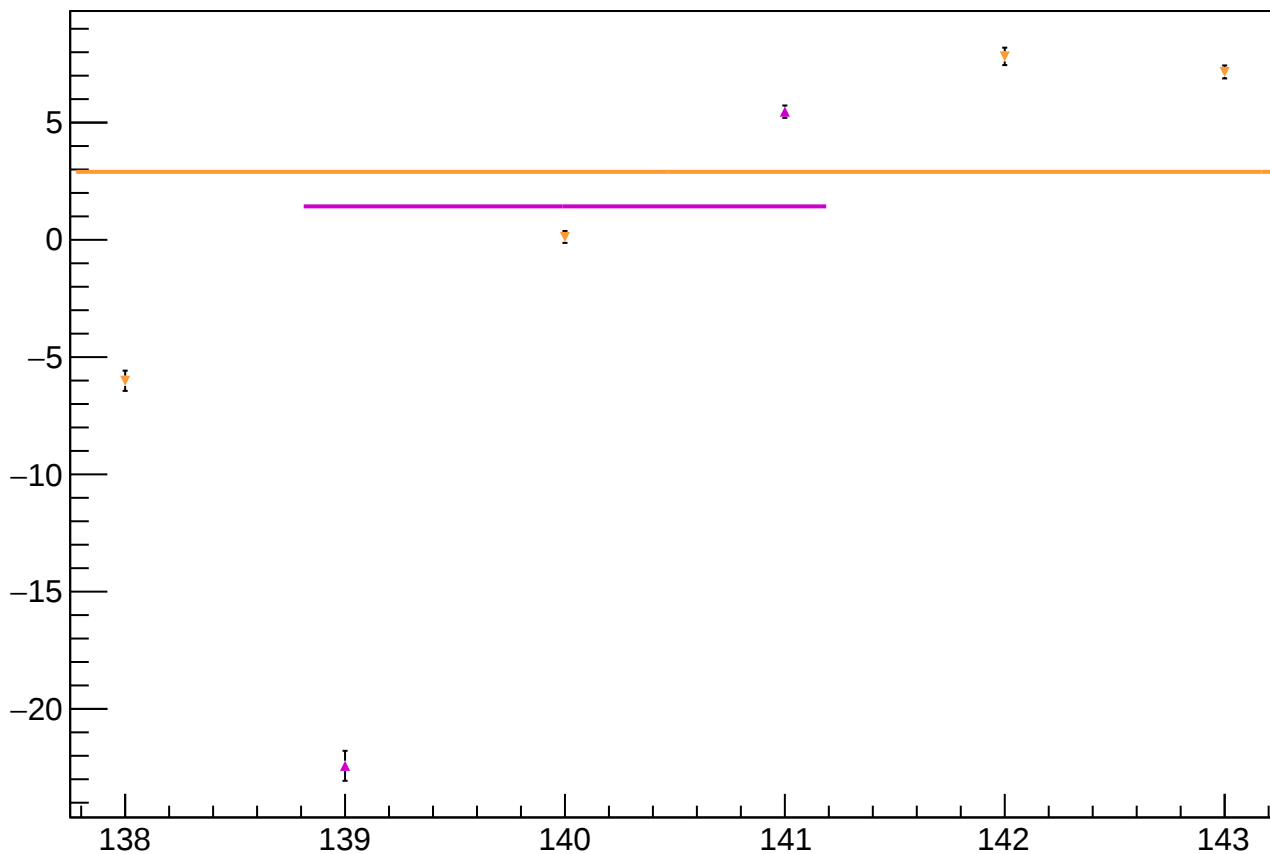
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.302+/-0.252 χ^2/NDF :30.0/1

Out: 12.237+/-0.198 χ^2/NDF :445.0/3

All: 10.352+/-0.156 χ^2/NDF : 711.2/5

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: 2.899+/-0.156 χ^2/NDF :959.4/3

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: 2.472+/-0.131 χ^2/NDF : 2615.1/5

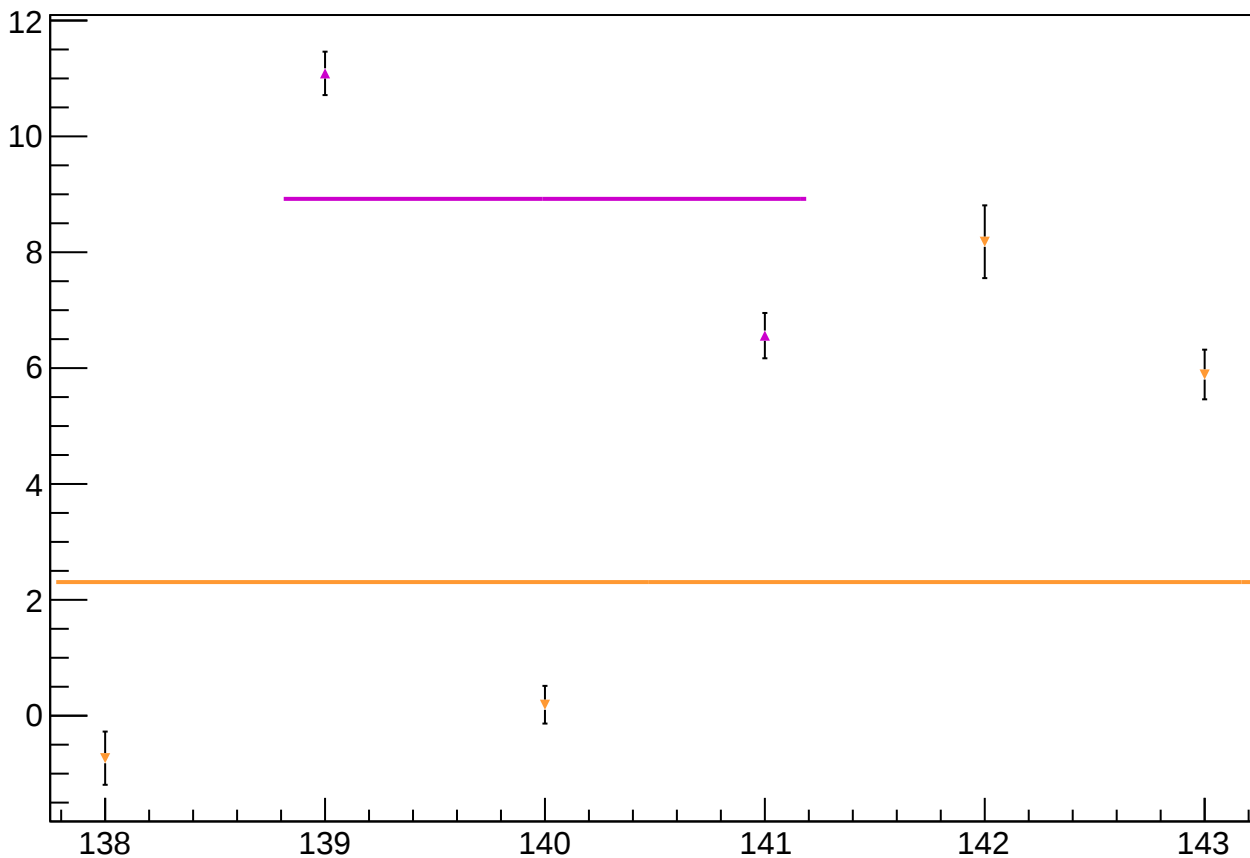
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.427+/-0.243 χ^2/NDF :1629.6/1

Out: 2.899+/-0.156 χ^2/NDF :959.4/3

All: 2.472+/-0.131 χ^2/NDF : 2615.1/5

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: 2.307+/-0.212 χ^2/NDF :243.6/3

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: 4.829+/-0.167 χ^2/NDF : 683.4/5

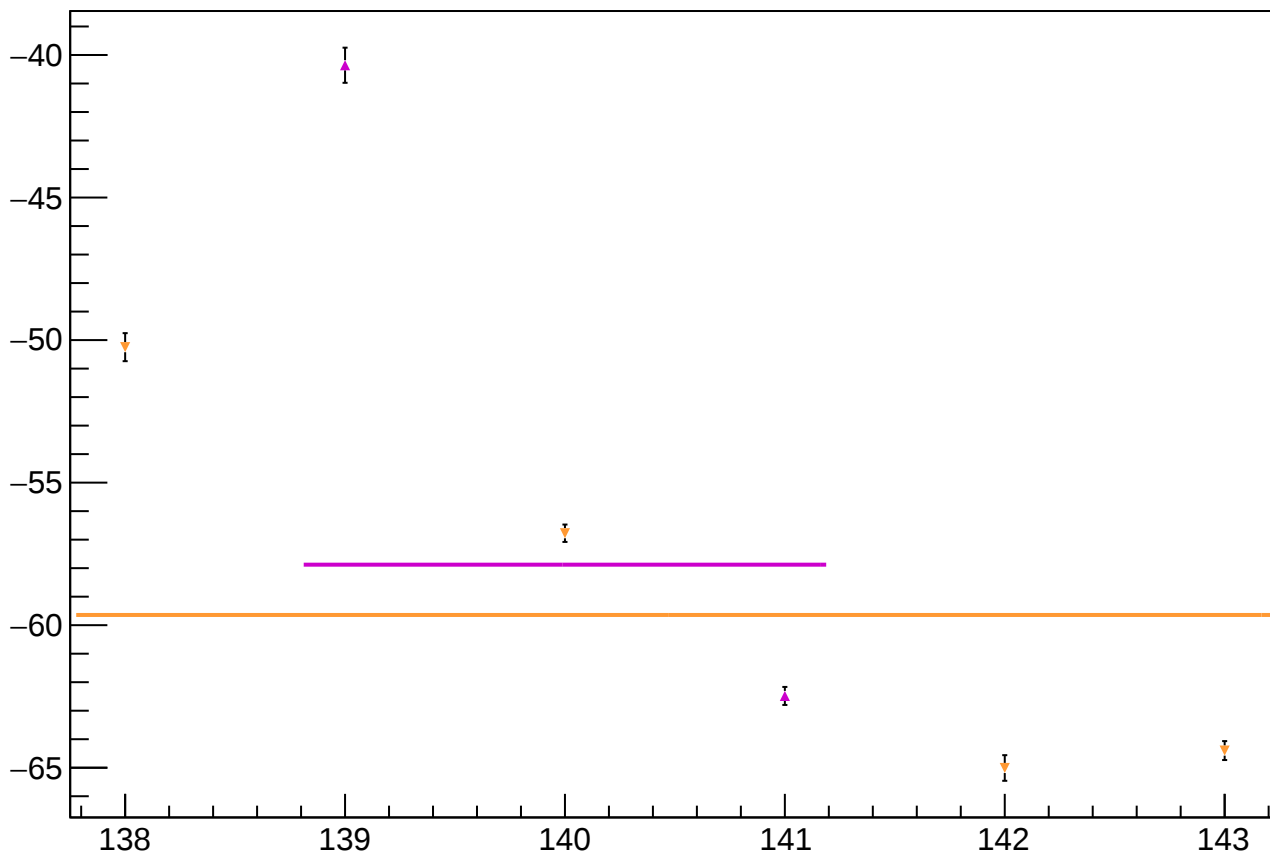
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.921+/-0.271 χ^2/NDF :69.9/1

Out: 2.307+/-0.212 χ^2/NDF :243.6/3

All: 4.829+/-0.167 χ^2/NDF : 683.4/5

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: -59.642+/-0.186 χ^2/NDF : 801.4/3

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: -59.105+/-0.155 χ^2/NDF : 1849.1/5

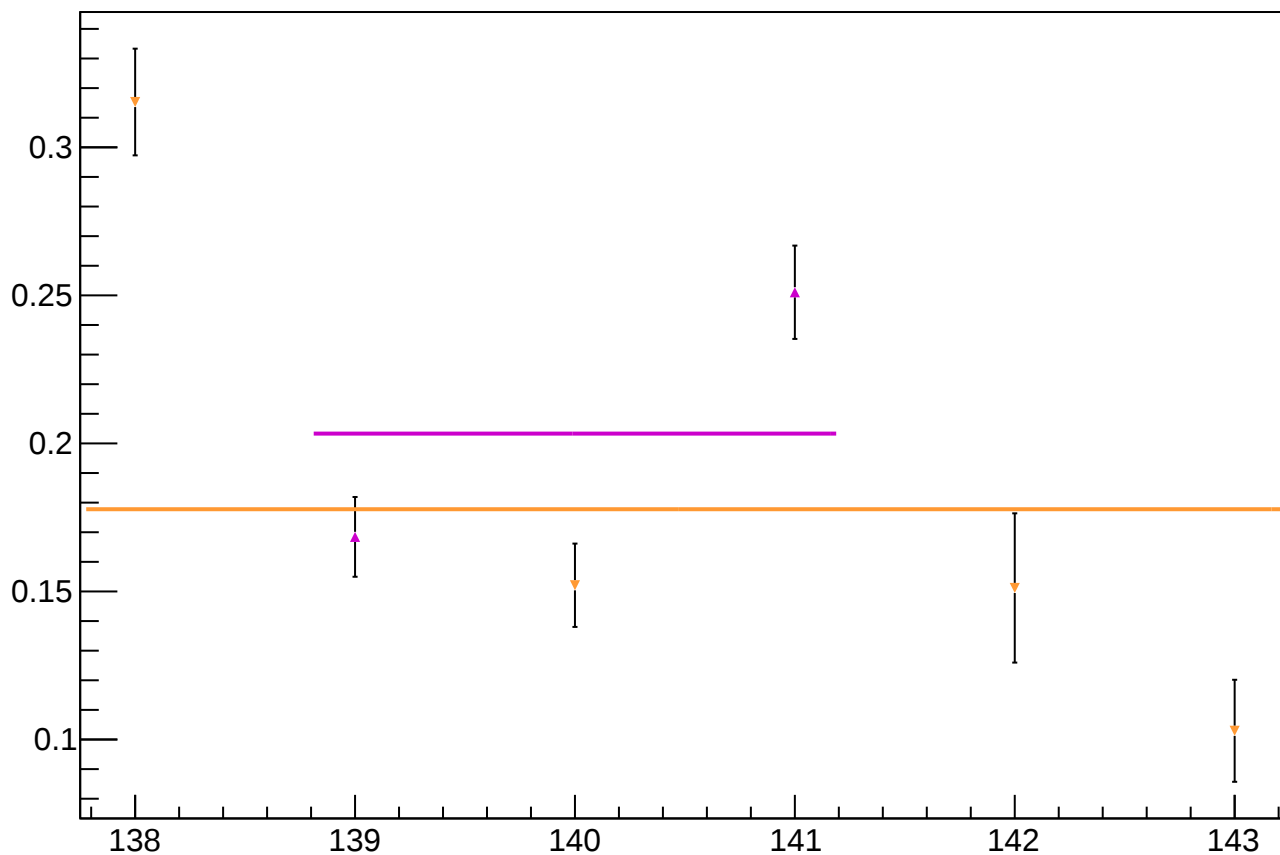
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -57.878+/-0.281 χ^2/NDF : 1020.4/1

Out: -59.642+/-0.186 χ^2/NDF : 801.4/3

All: -59.105+/-0.155 χ^2/NDF : 1849.1/5

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.178 $\pm$ 0.009 χ^2 /NDF:81.6/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.203 $\pm$ 0.010 χ^2 /NDF:15.9/1

Left: 0.189 $\pm$ 0.007 χ^2 /NDF: 101.1/5

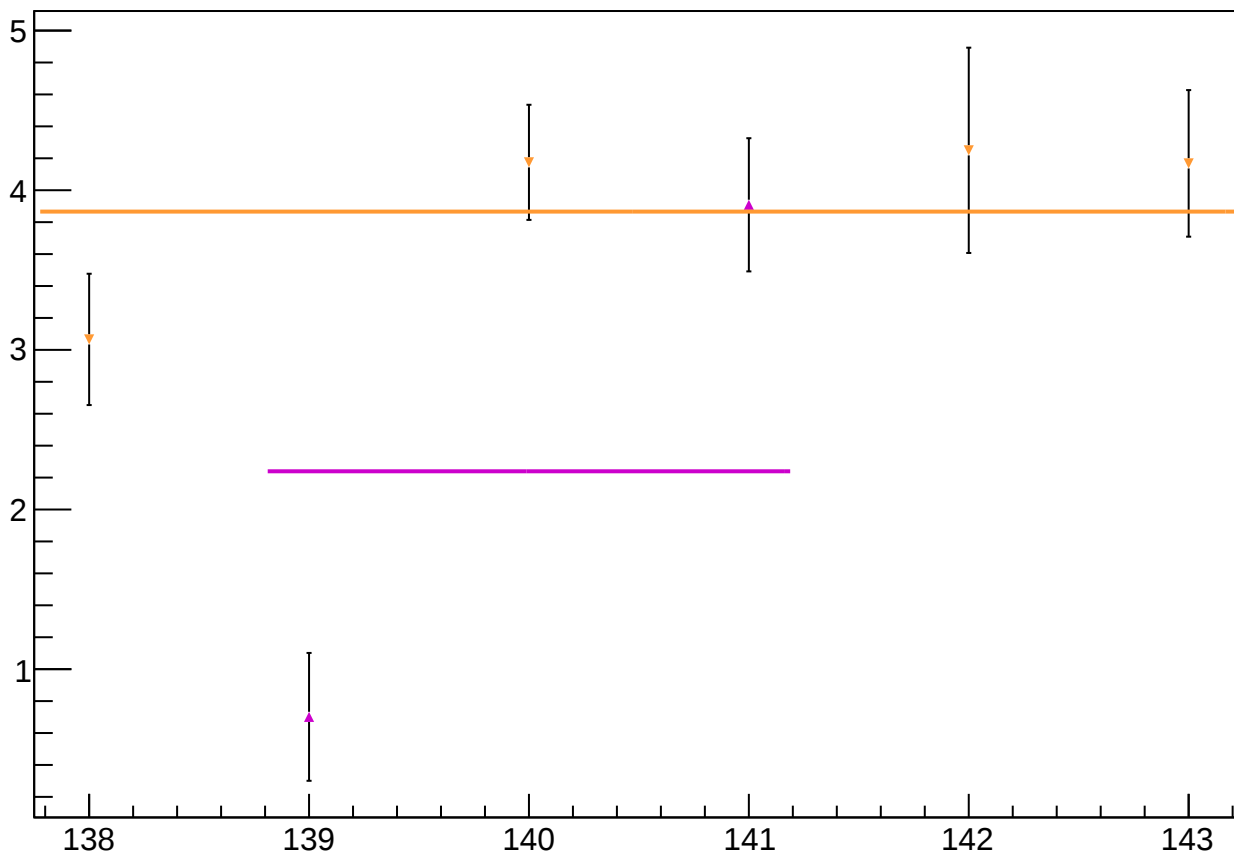
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.203 $\pm$ 0.010 χ^2 /NDF:15.9/1

Out: 0.178 $\pm$ 0.009 χ^2 /NDF:81.6/3

All: 0.189 $\pm$ 0.007 χ^2 /NDF: 101.1/5

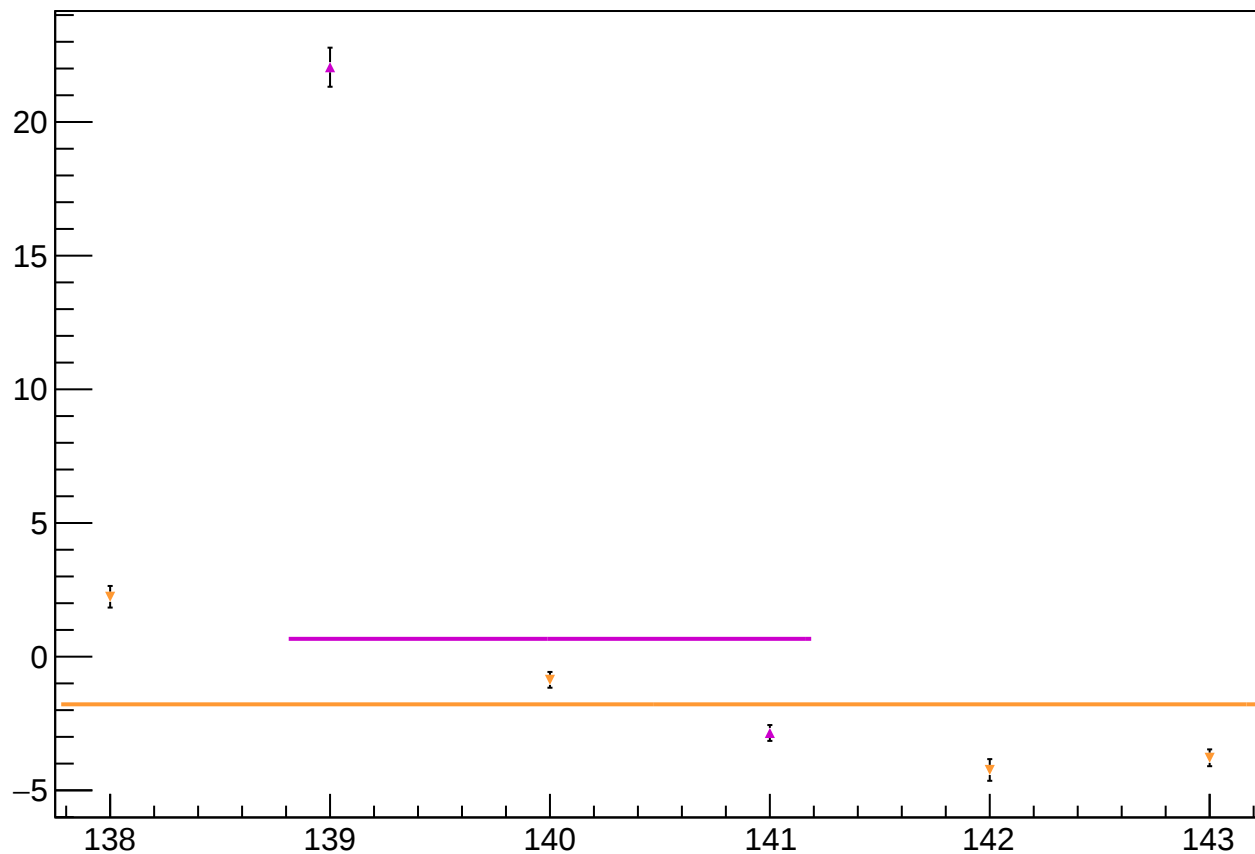
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.866+/-0.219 χ^2/NDF :5.3/3
 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: 3.271+/-0.175 χ^2/NDF : 56.2/5
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.239+/-0.289 χ^2/NDF :30.8/1
 Out: 3.866+/-0.219 χ^2/NDF :5.3/3
 All: 3.271+/-0.175 χ^2/NDF : 56.2/5

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: -1.783+/-0.172 χ^2/NDF :185.8/3

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: -1.094+/-0.146 χ^2/NDF : 1239.3/5

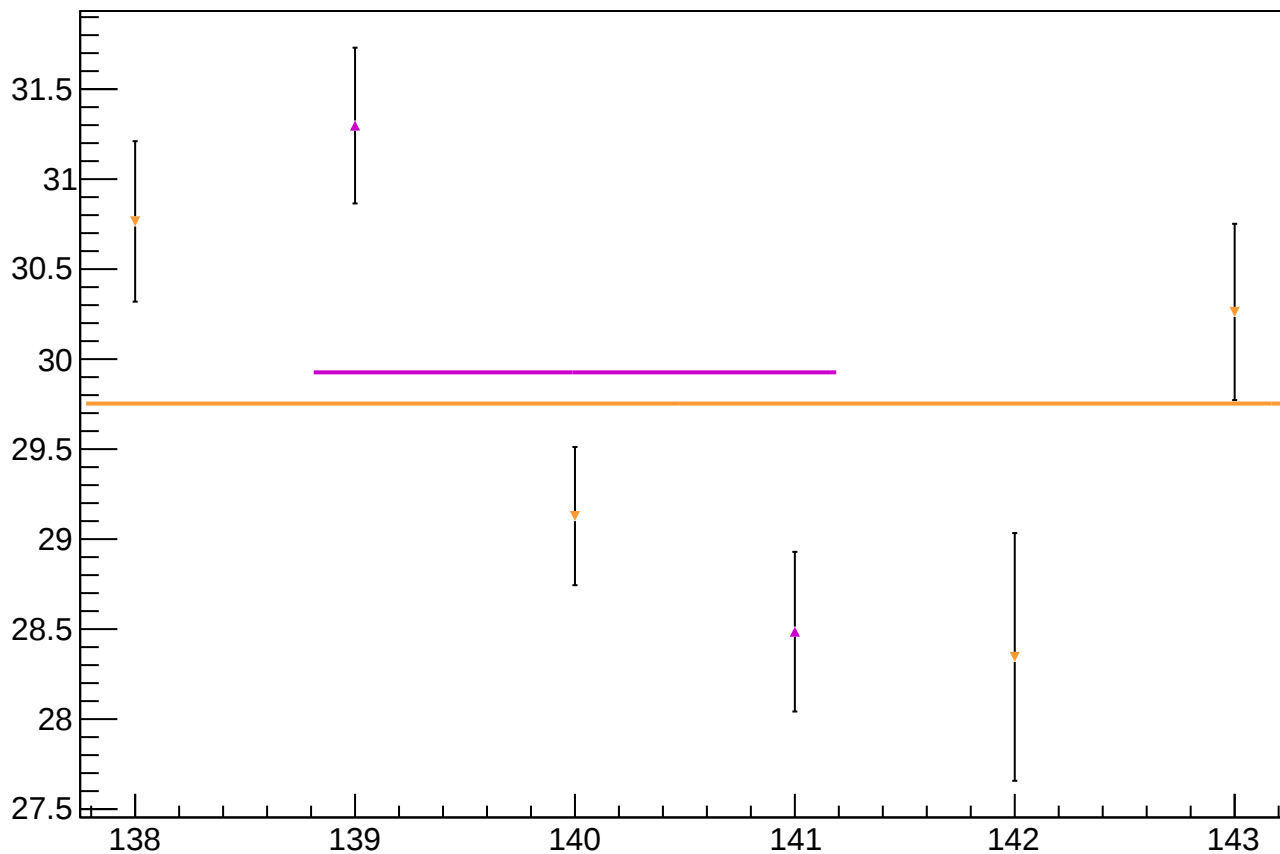
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.667+/-0.275 χ^2/NDF :996.4/1

Out: -1.783+/-0.172 χ^2/NDF :185.8/3

All: -1.094+/-0.146 χ^2/NDF : 1239.3/5

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: 29.753+/-0.235 χ^2/NDF :13.1/3

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: 29.817+/-0.187 χ^2/NDF : 33.9/5

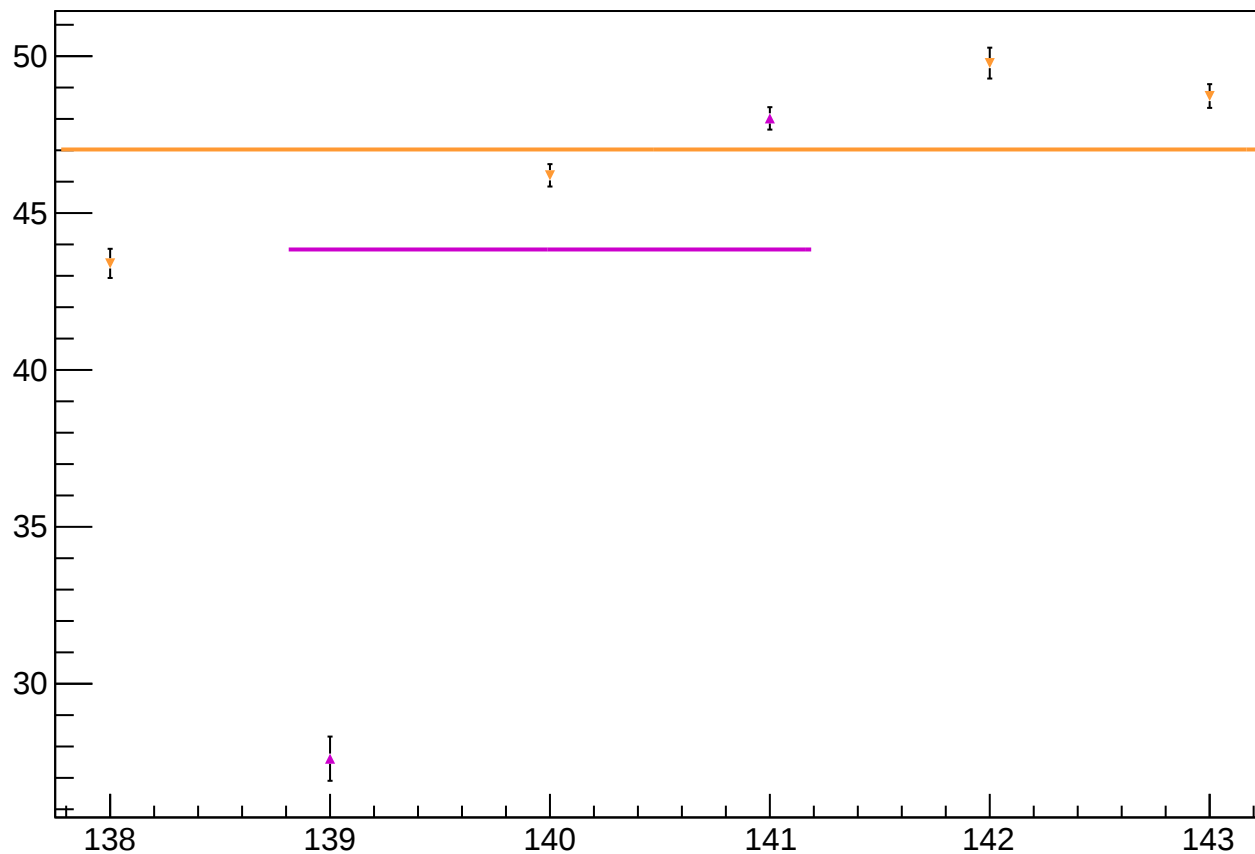
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.927+/-0.310 χ^2/NDF :20.6/1

Out: 29.753+/-0.235 χ^2/NDF :13.1/3

All: 29.817+/-0.187 χ^2/NDF : 33.9/5

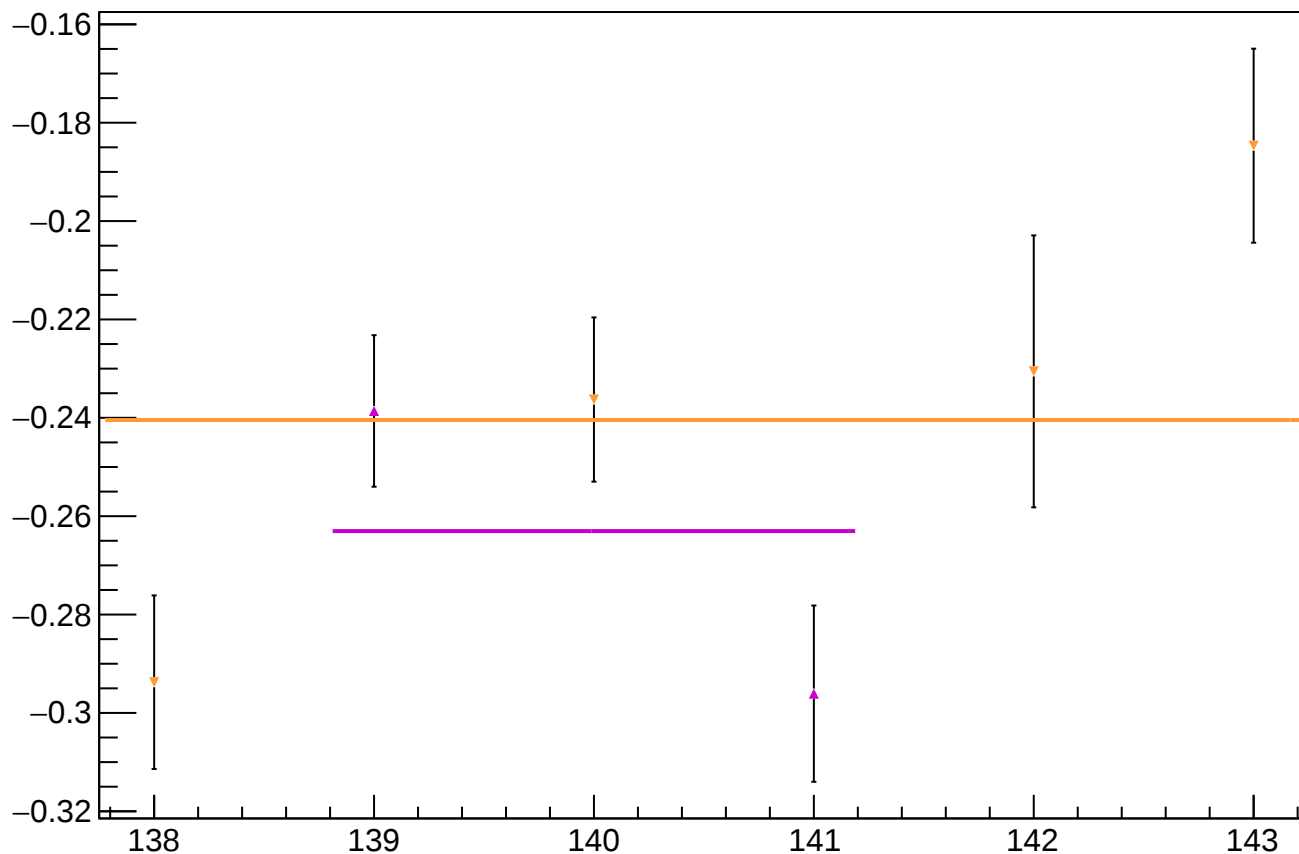
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 47.026+/-0.206 χ^2/NDF :118.0/3
 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: 46.089+/-0.173 χ^2/NDF : 855.4/5
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 43.839+/-0.319 χ^2/NDF :667.0/1
 Out: 47.026+/-0.206 χ^2/NDF :118.0/3
 All: 46.089+/-0.173 χ^2/NDF : 855.4/5

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: -0.240 ± 0.010 χ^2/NDF : 17.3/3

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: -0.250 ± 0.007 χ^2/NDF : 25.4/5

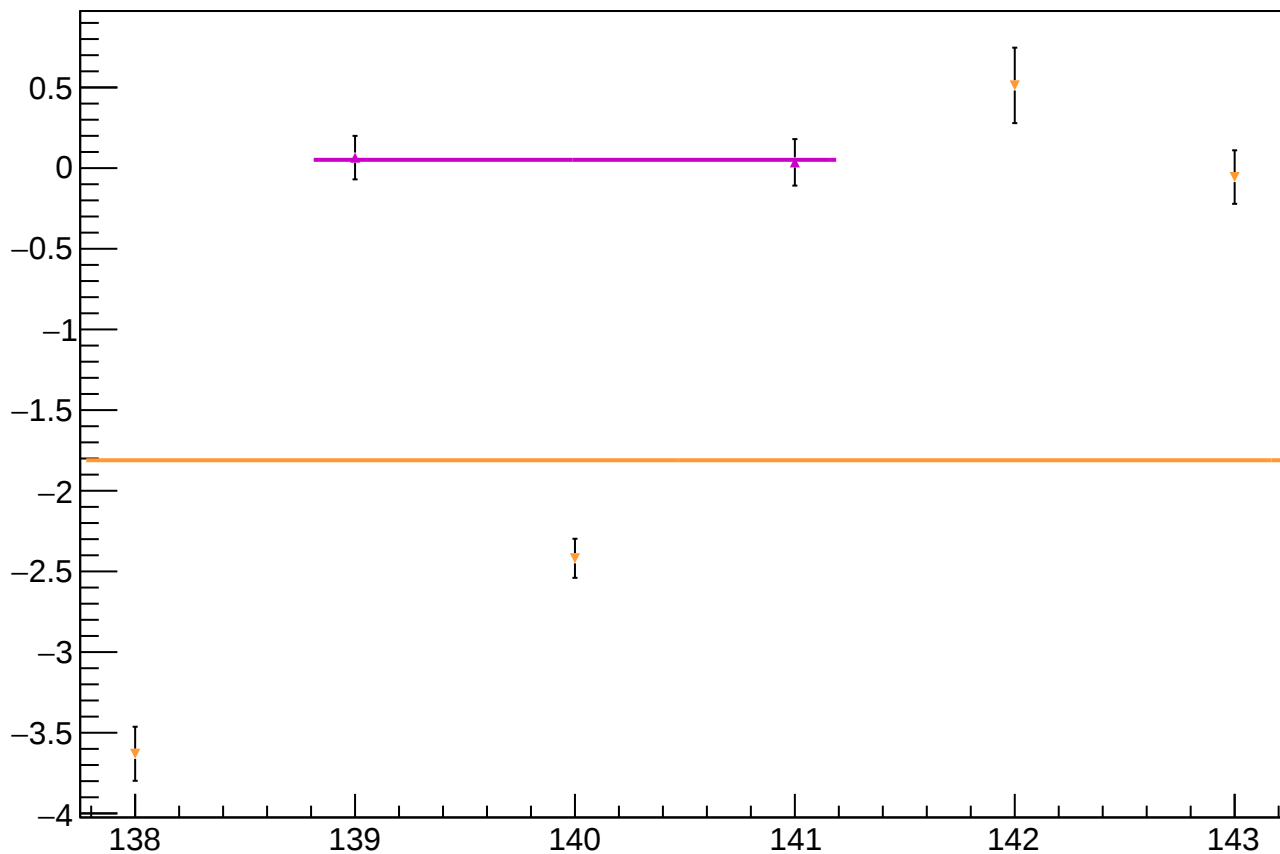
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -0.263 ± 0.012 χ^2/NDF : 5.9/1

Out: -0.240 ± 0.010 χ^2/NDF : 17.3/3

All: -0.250 ± 0.007 χ^2/NDF : 25.4/5

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.811+/-0.079 χ^2/NDF :353.8/3

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: -1.076+/-0.062 χ^2/NDF : 570.5/5

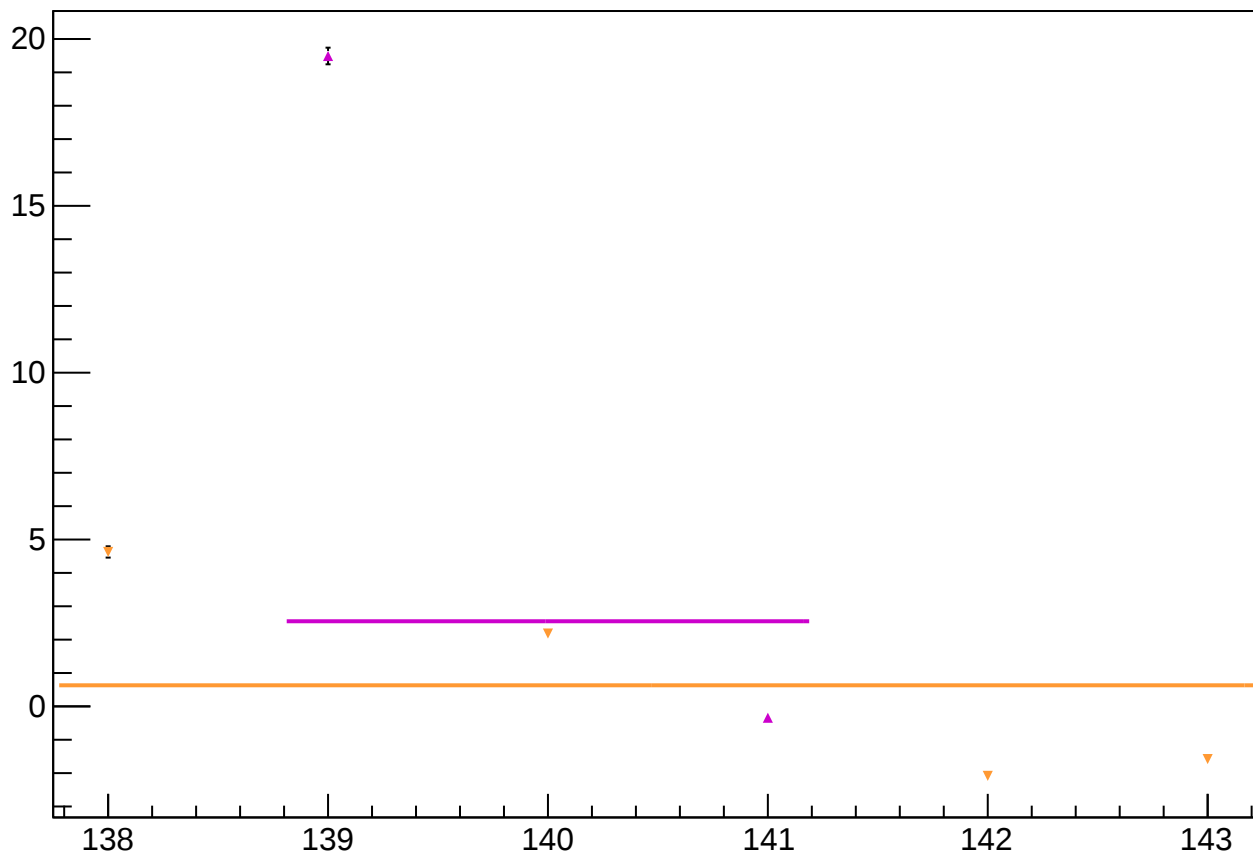
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.051+/-0.098 χ^2/NDF :0.0/1

Out: -1.811+/-0.079 χ^2/NDF :353.8/3

All: -1.076+/-0.062 χ^2/NDF : 570.5/5

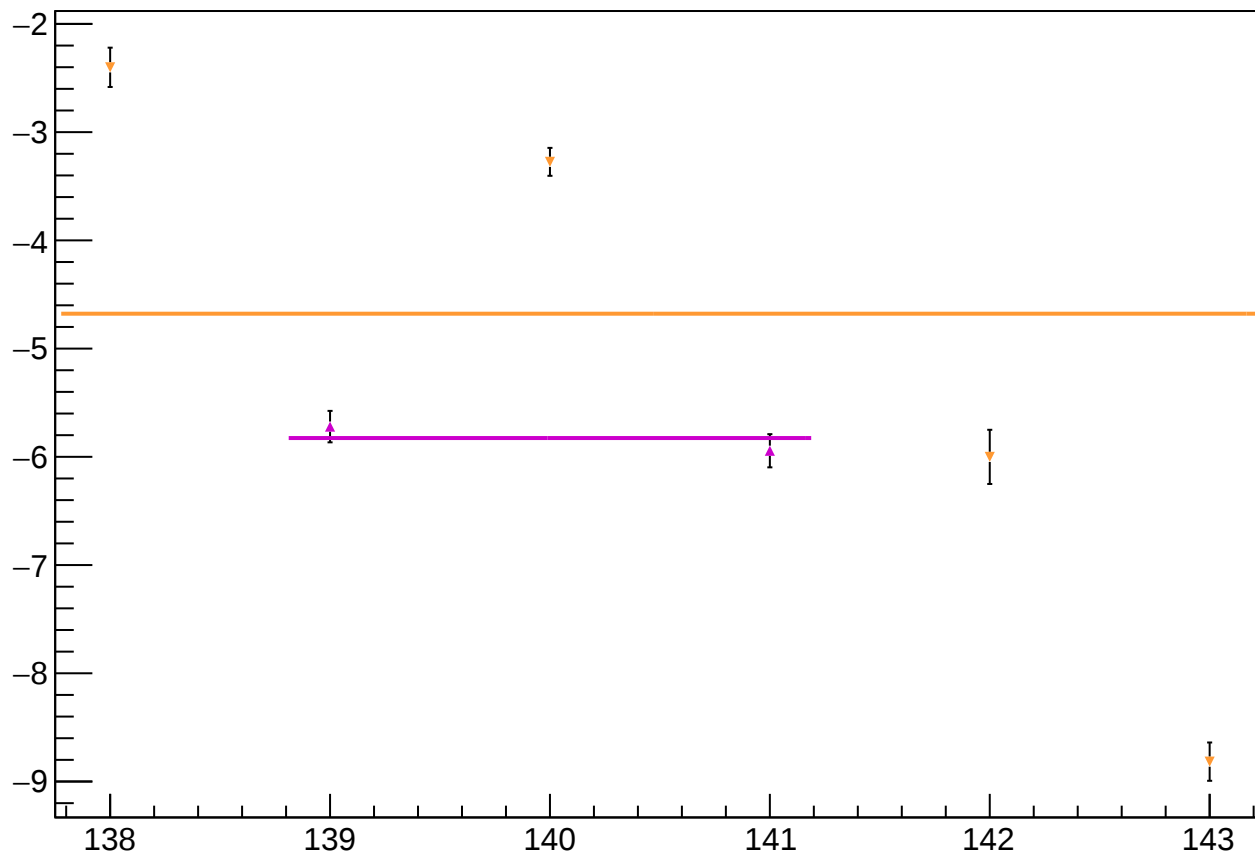
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.632+/-0.062 χ^2/NDF :1510.9/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.551+/-0.095 χ^2/NDF :5409.9/1

Left: 1.208+/-0.052 χ^2/NDF : 7205.4/5
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.551+/-0.095 χ^2/NDF :5409.9/1
 Out: 0.632+/-0.062 χ^2/NDF :1510.9/3
 All: 1.208+/-0.052 χ^2/NDF : 7205.4/5

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: -4.678+/-0.085 χ^2/NDF :850.2/3

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: -5.130+/-0.066 χ^2/NDF : 923.3/5

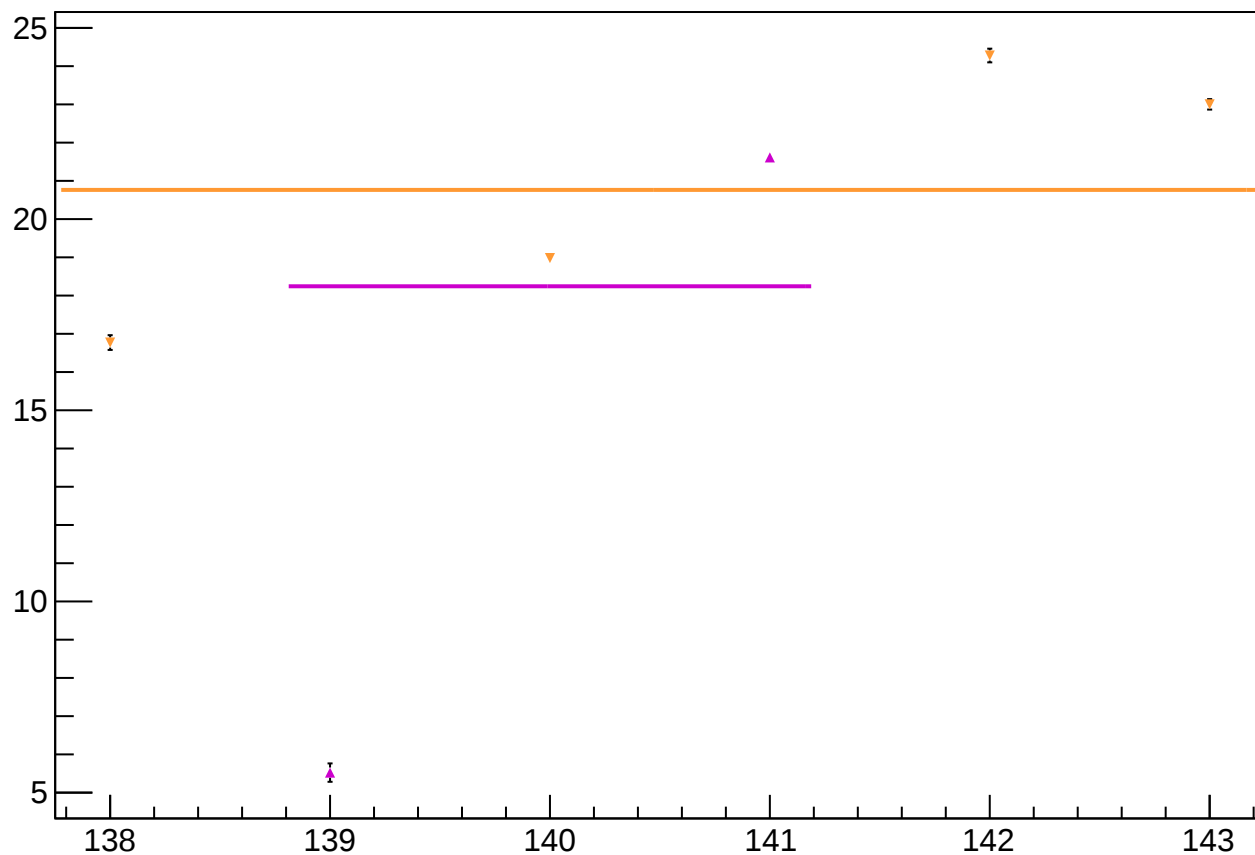
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.826+/-0.105 χ^2/NDF :1.1/1

Out: -4.678+/-0.085 χ^2/NDF :850.2/3

All: -5.130+/-0.066 χ^2/NDF : 923.3/5

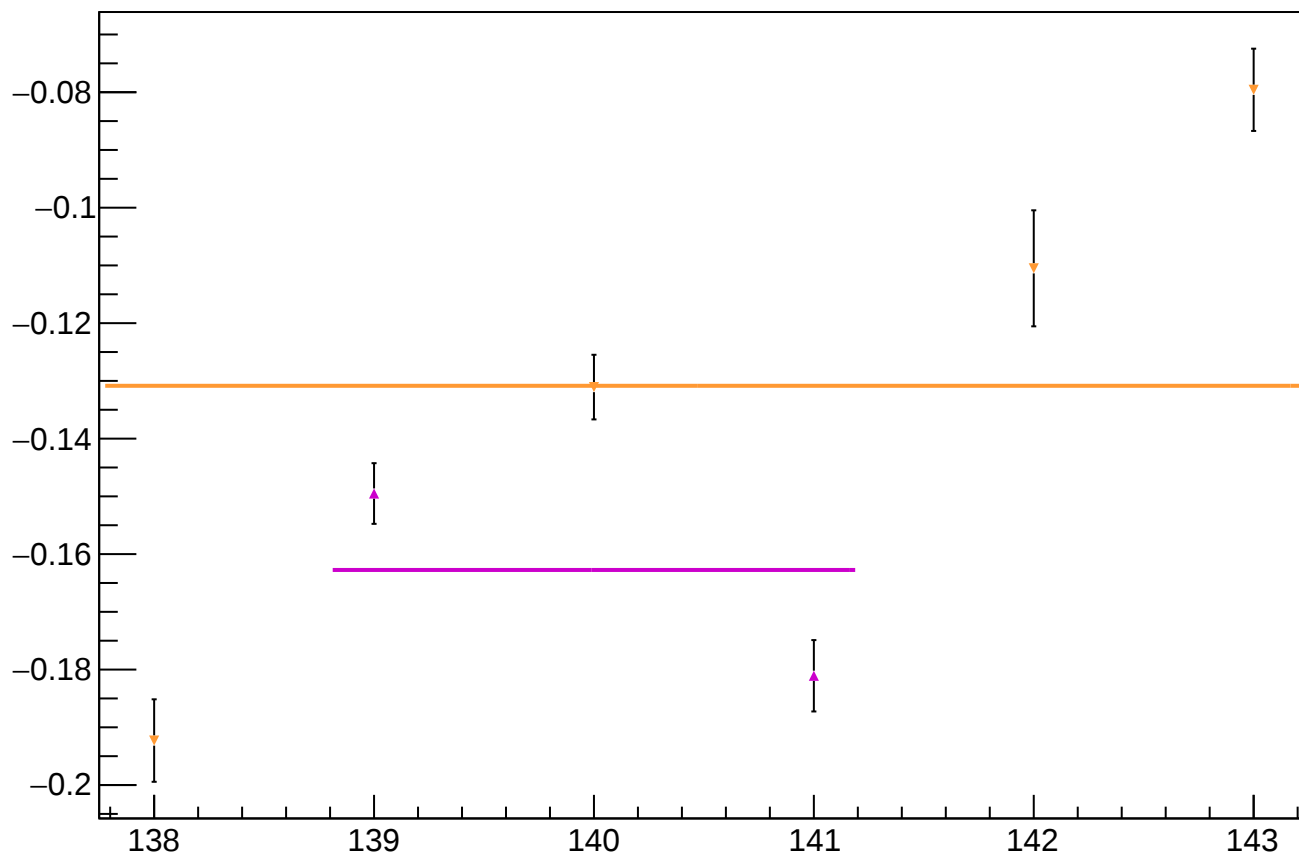
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.764+/-0.075 χ^2/NDF :1297.2/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.243+/-0.110 χ^2/NDF :3539.3/1

Left: 19.971+/-0.062 χ^2/NDF : 5196.0/5
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.243+/-0.110 χ^2/NDF :3539.3/1
 Out: 20.764+/-0.075 χ^2/NDF :1297.2/3
 All: 19.971+/-0.062 χ^2/NDF : 5196.0/5

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: -0.131+/-0.004 χ^2/NDF :129.9/3

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: -0.145+/-0.003 χ^2/NDF : 180.9/5

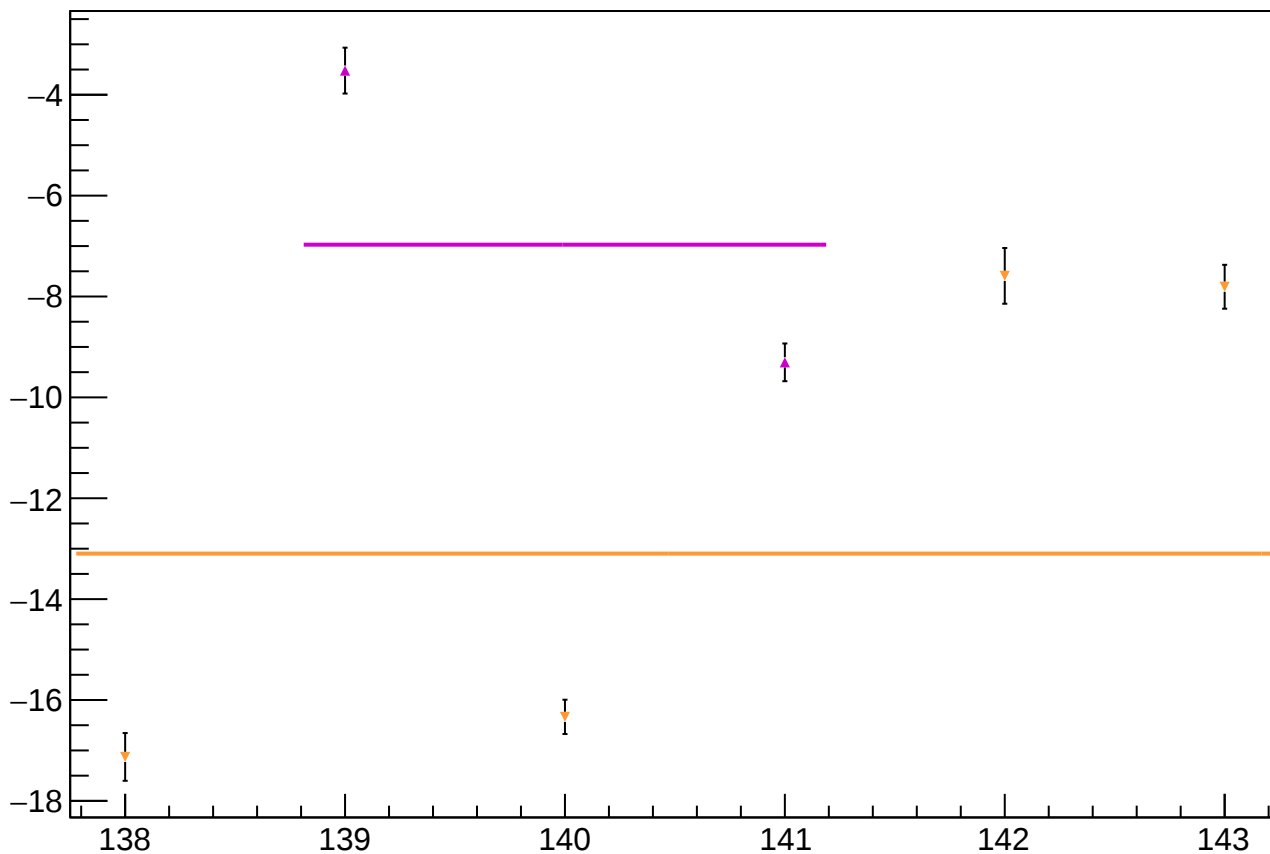
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.163+/-0.004 χ^2/NDF :15.1/1

Out: -0.131+/-0.004 χ^2/NDF :129.9/3

All: -0.145+/-0.003 χ^2/NDF : 180.9/5

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: -13.097+/-0.215 χ^2/NDF :410.2/3

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: -10.915+/-0.172 χ^2/NDF : 796.2/5

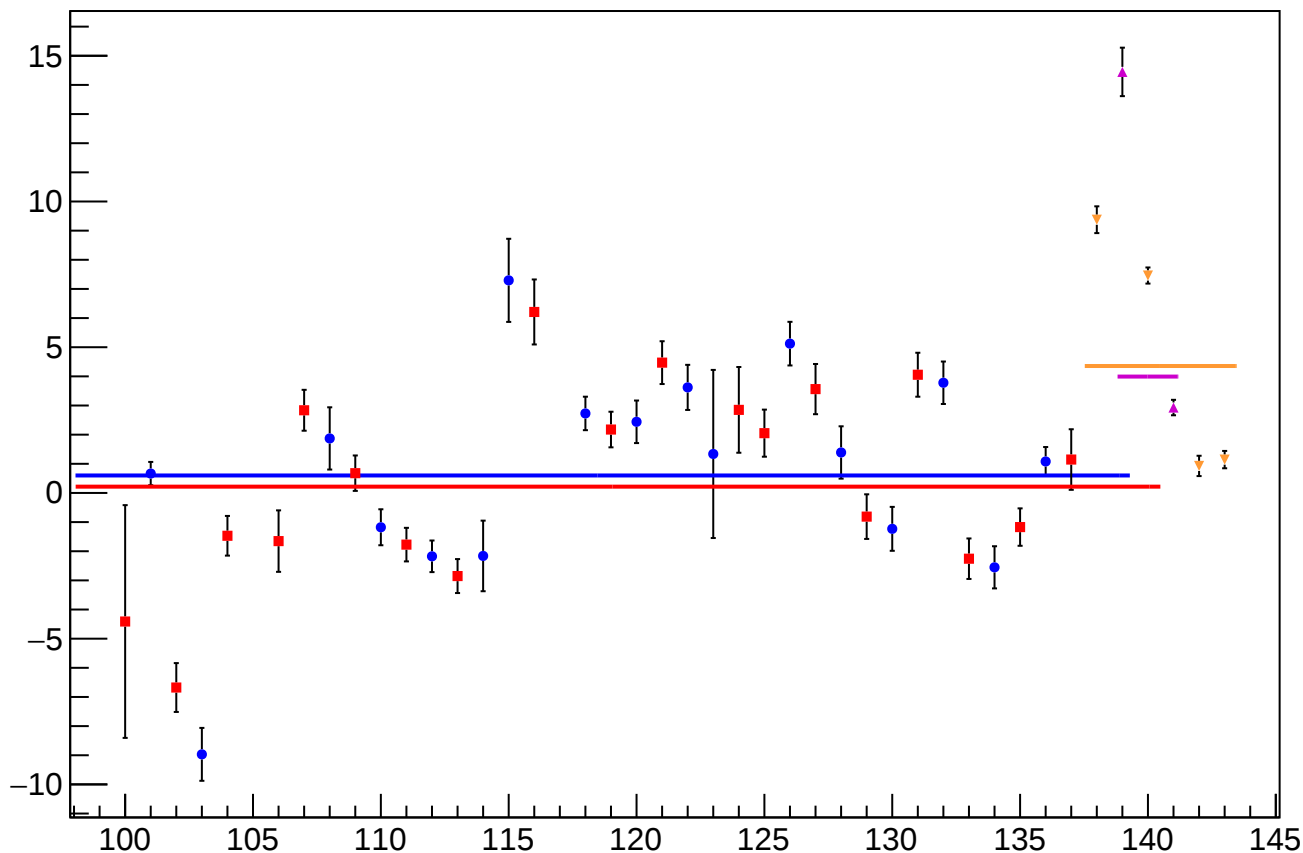
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.972+/-0.289 χ^2/NDF :96.5/1

Out: -13.097+/-0.215 χ^2/NDF :410.2/3

All: -10.915+/-0.172 χ^2/NDF : 796.2/5

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 4.355 ± 0.164 χ^2/NDF : 458.8/3

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 3.993 ± 0.253 χ^2/NDF : 174.1/1

Left: 4.248 ± 0.137 χ^2/NDF : 634.3/5

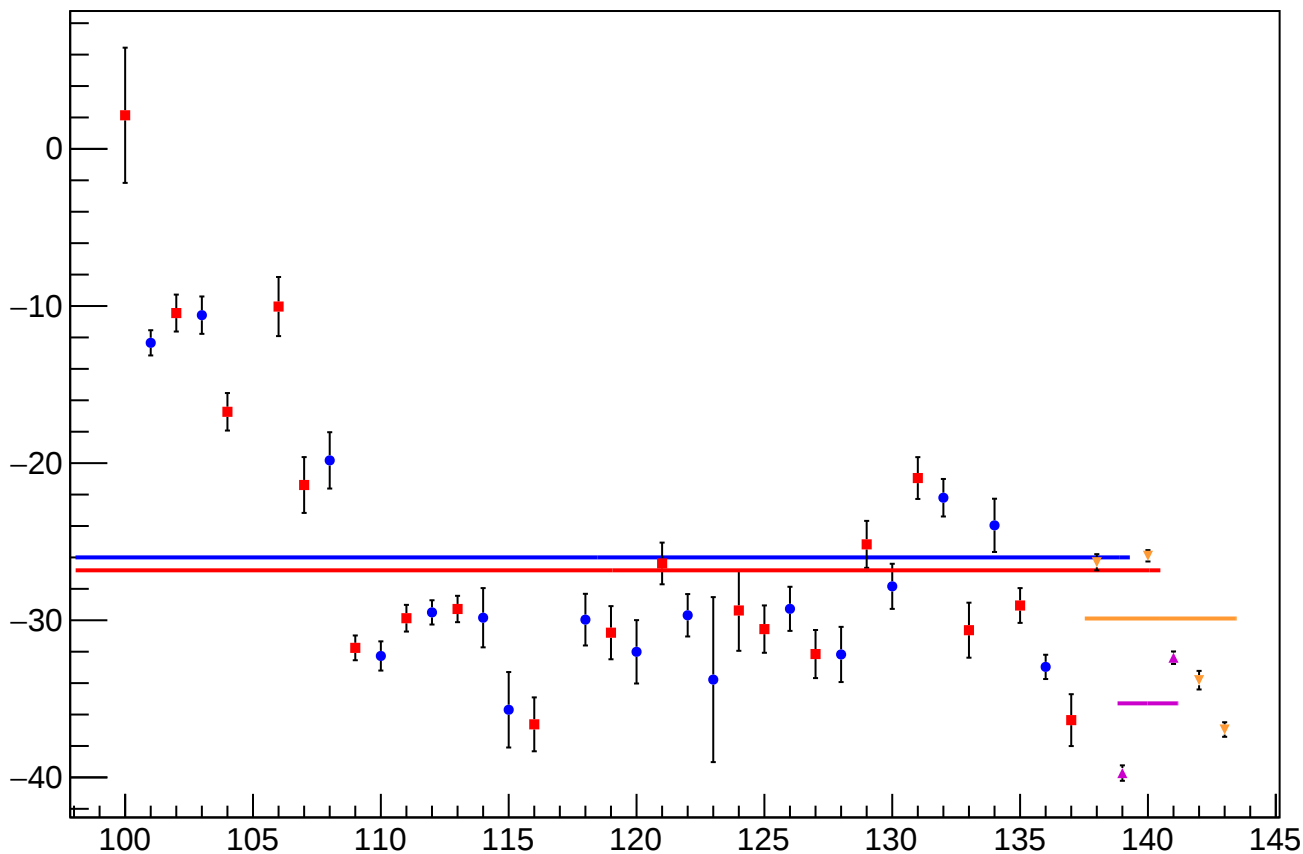
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.651 ± 0.141 χ^2/NDF : 590.5/18

Out: 2.420 ± 0.119 χ^2/NDF : 1032.5/22

All: 2.098 ± 0.091 χ^2/NDF : 1640.5/41

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: -29.888 ± 0.230 χ^2/NDF : 446.1/3

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: -31.811 ± 0.184 χ^2/NDF : 777.6/5

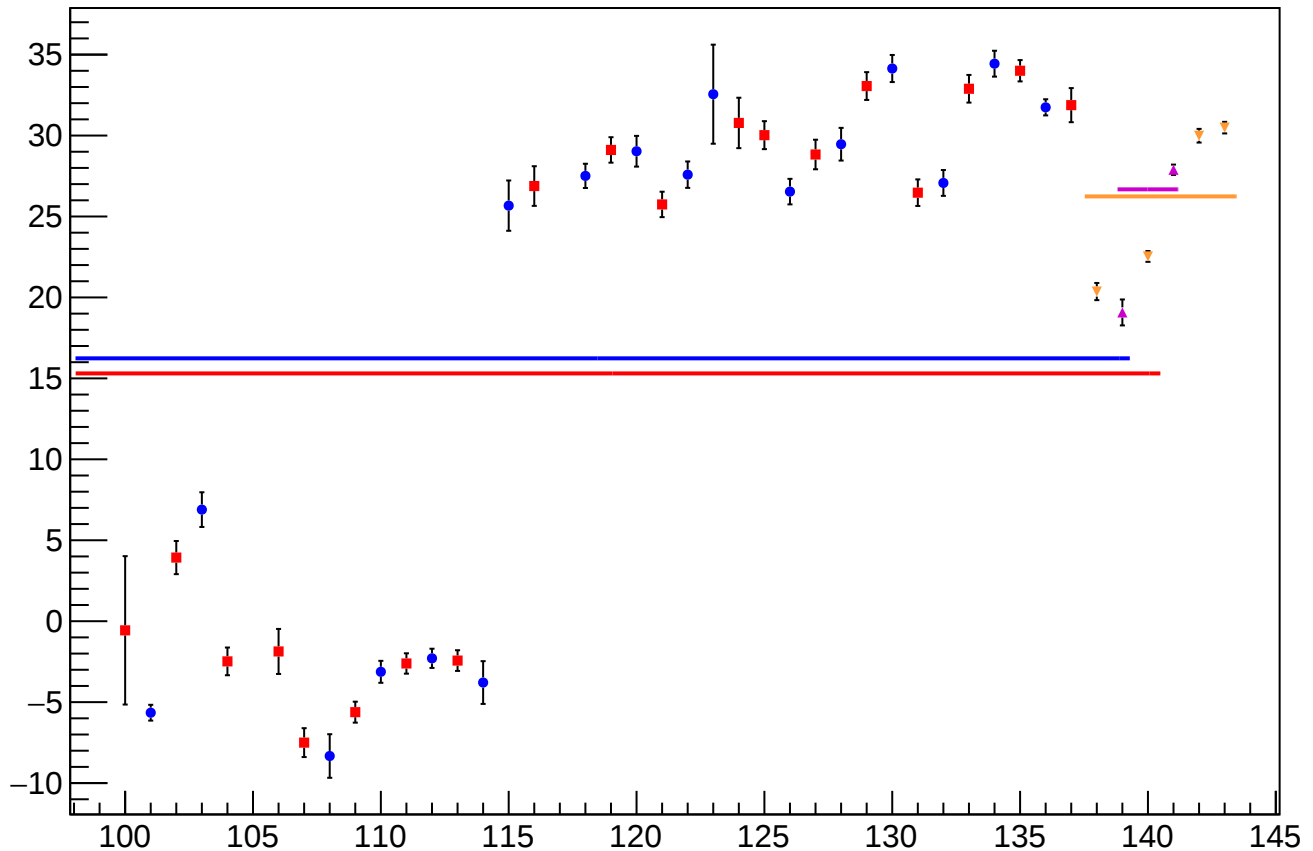
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -30.506 ± 0.215 χ^2/NDF : 1292.5/18

Out: -28.742 ± 0.182 χ^2/NDF : 1093.6/22

All: -29.476 ± 0.139 χ^2/NDF : 2425.3/41

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: 26.240 $\pm$ 0.196 χ^2 /NDF:465.5/3

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: 26.373 $\pm$ 0.164 χ^2 /NDF: 571.3/5

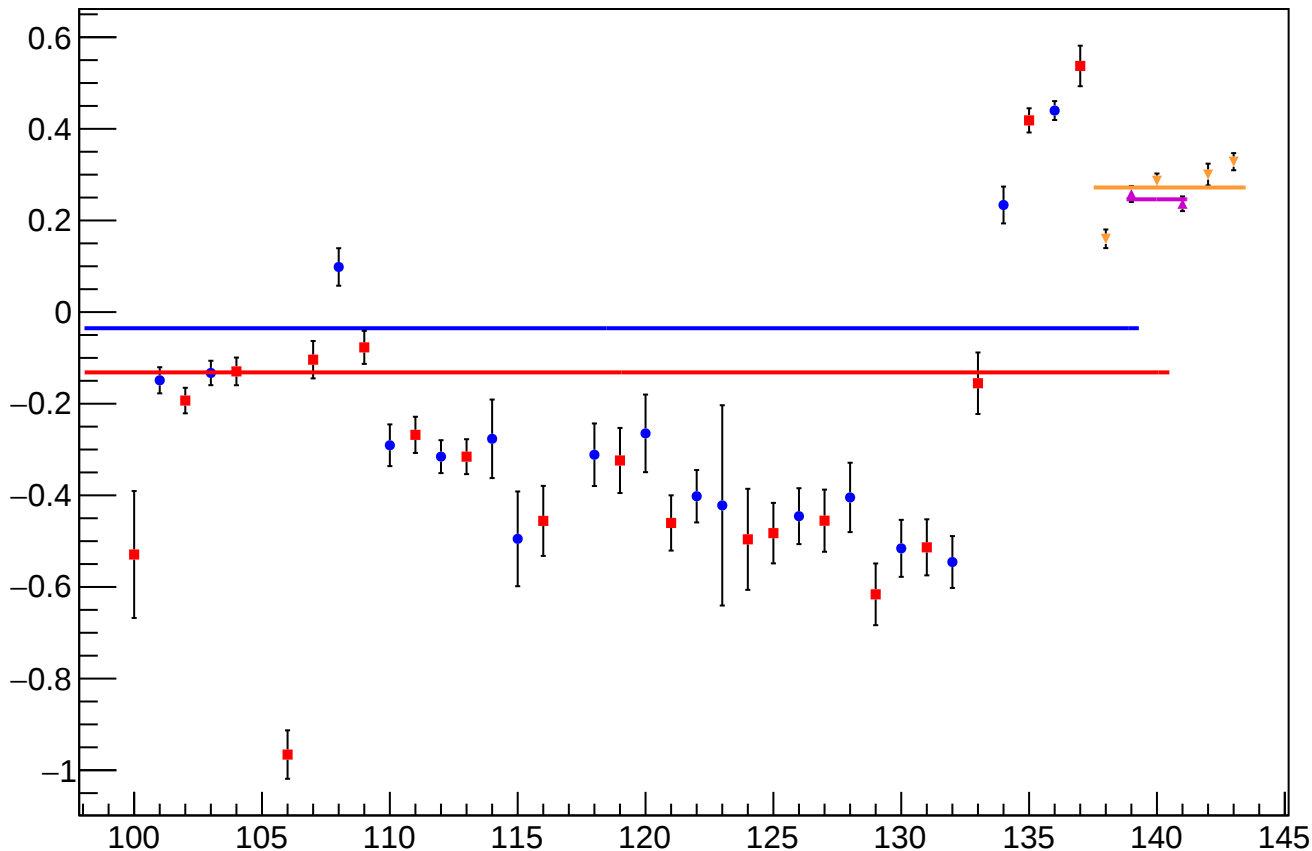
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 19.301 $\pm$ 0.161 χ^2 /NDF:8557.3/18

Out: 20.788 $\pm$ 0.139 χ^2 /NDF:9282.2/22

All: 20.152 $\pm$ 0.105 χ^2 /NDF: 17888.4/41

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: 0.272 ± 0.009 χ^2/NDF : 41.7/3

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: 0.262 ± 0.007 χ^2/NDF : 45.4/5

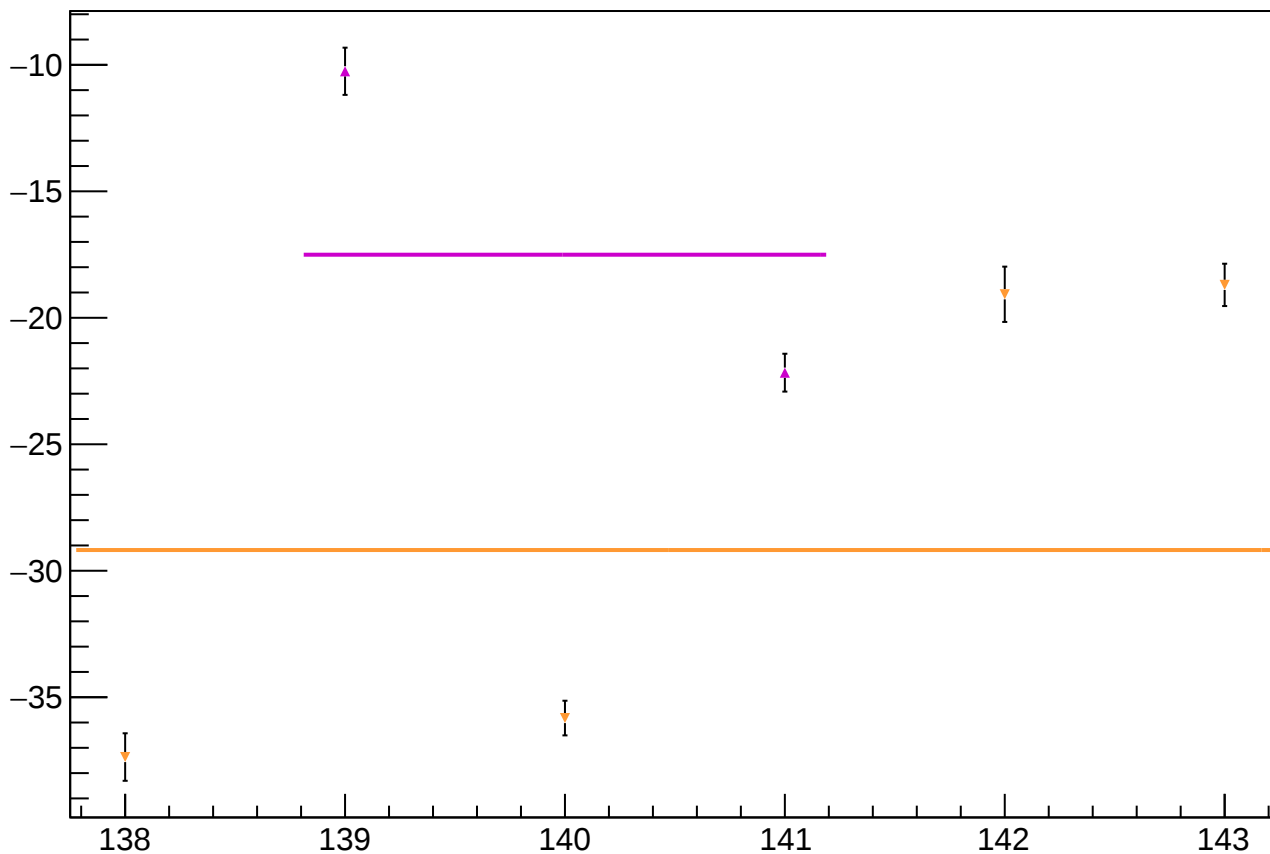
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.086 ± 0.008 χ^2/NDF : 1335.4/18

Out: 0.088 ± 0.007 χ^2/NDF : 2036.1/22

All: 0.087 ± 0.005 χ^2/NDF : 3371.5/41

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: -29.181+/-0.425 χ^2/NDF :412.5/3

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: -25.134+/-0.344 χ^2/NDF : 773.1/5

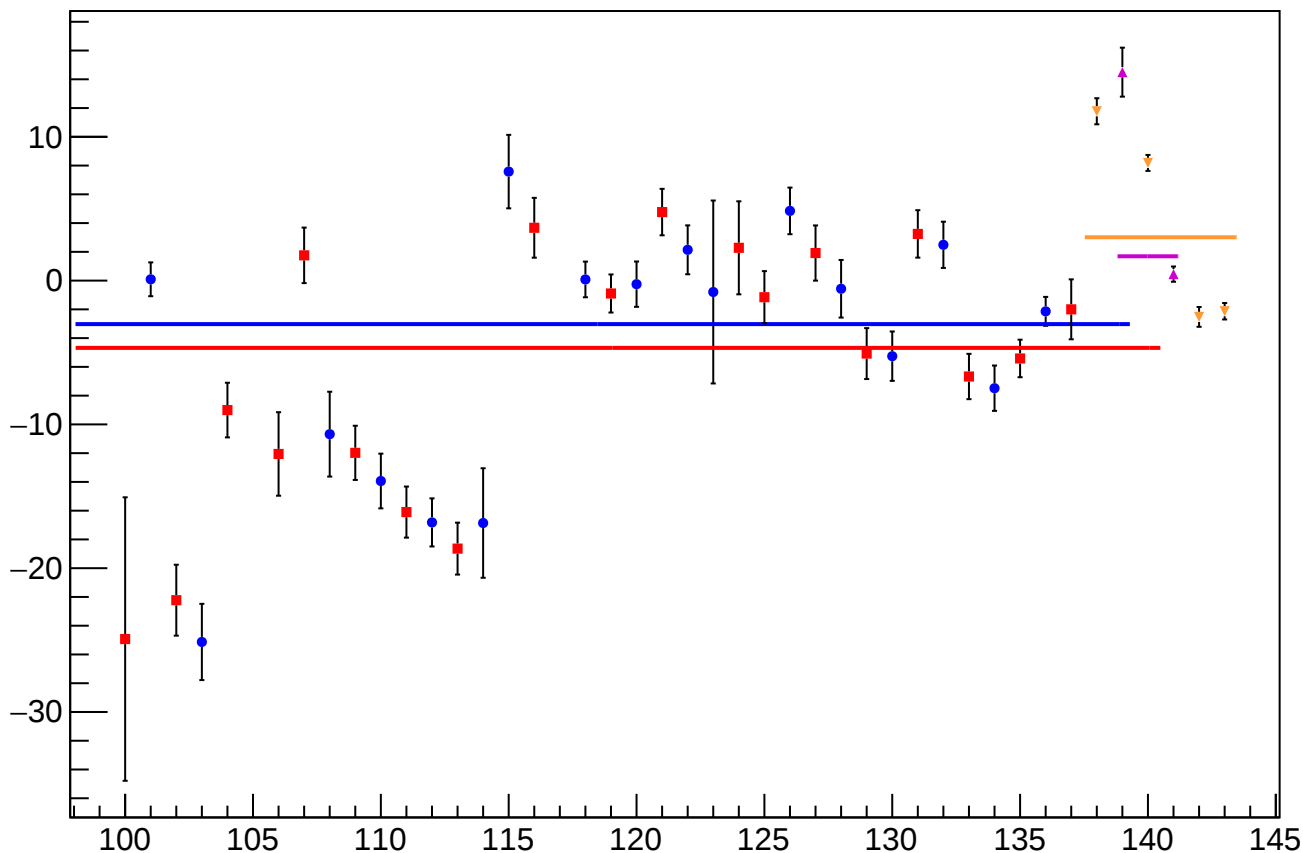
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.506+/-0.584 χ^2/NDF :99.2/1

Out: -29.181+/-0.425 χ^2/NDF :412.5/3

All: -25.134+/-0.344 χ^2/NDF : 773.1/5

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 3.015 ± 0.322 χ^2/NDF : 325.8/3

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 1.691 ± 0.506 χ^2/NDF : 62.0/1

Left: 2.633 ± 0.272 χ^2/NDF : 392.7/5

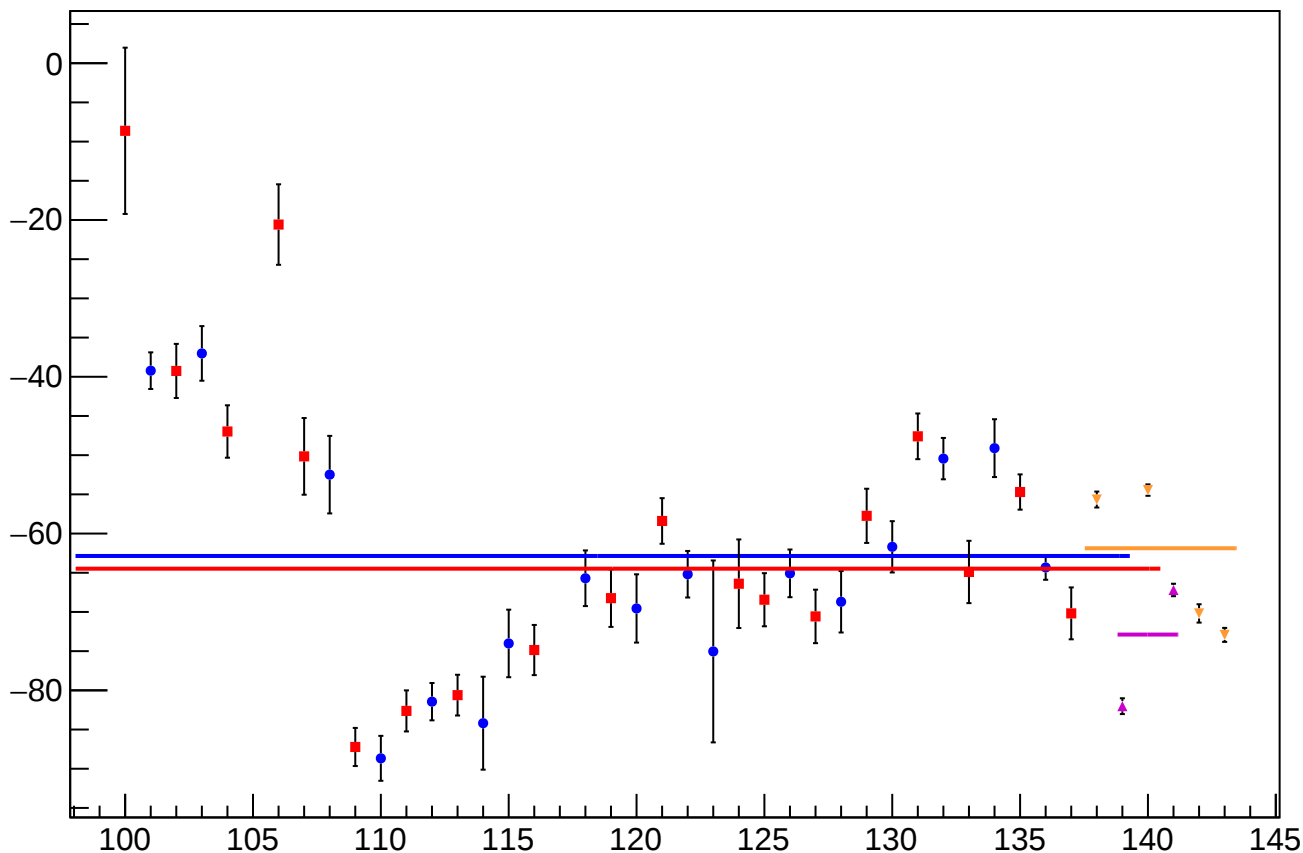
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -1.167 ± 0.318 χ^2/NDF : 395.3/18

Out: 0.217 ± 0.257 χ^2/NDF : 832.2/22

All: -0.331 ± 0.200 χ^2/NDF : 1239.0/41

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -61.877 ± 0.455 $\chi^2/\text{NDF}: 344.7/3$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -72.885 ± 0.625 $\chi^2/\text{NDF}: 133.1/1$

Left: -65.691 ± 0.368 $\chi^2/\text{NDF}: 680.8/5$

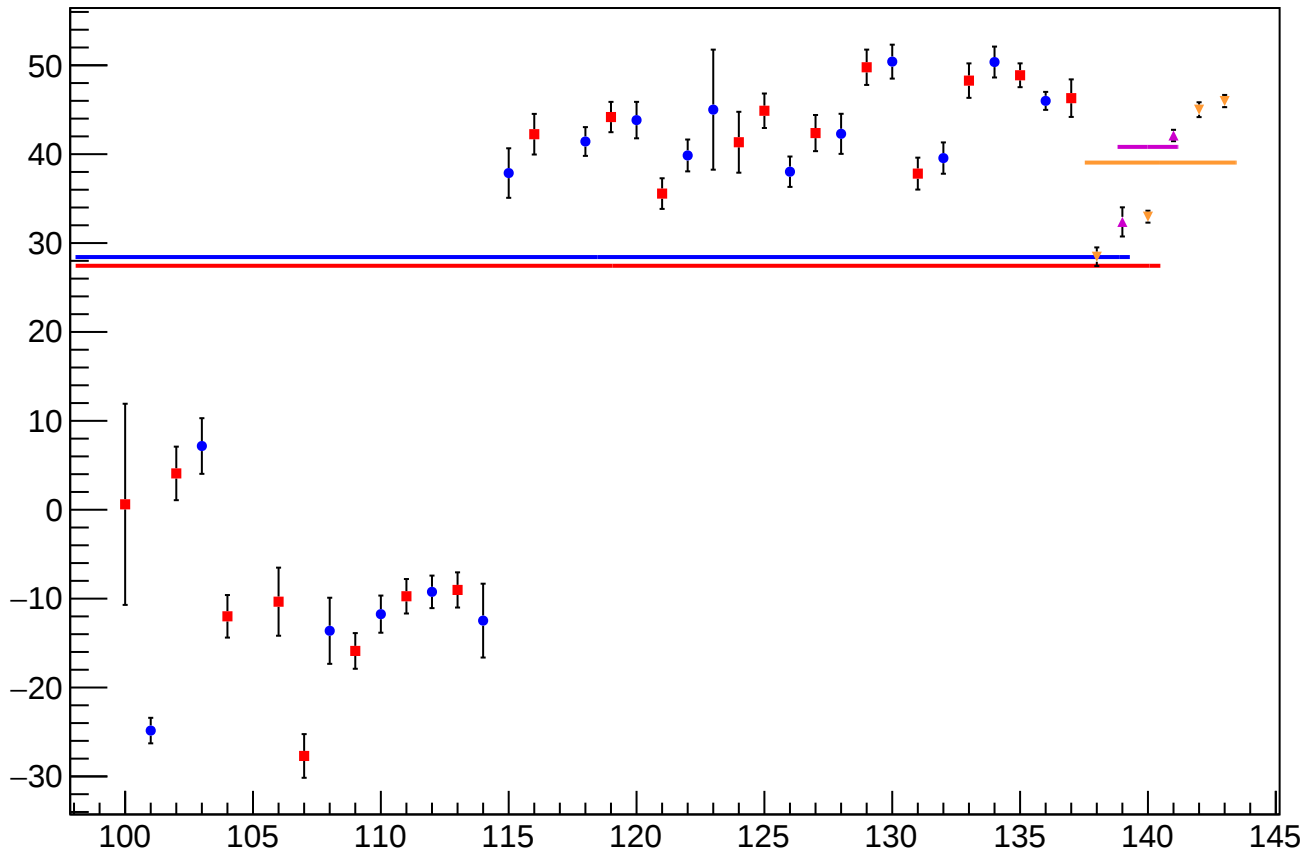
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -68.706 ± 0.477 $\chi^2/\text{NDF}: 608.2/18$

Out: -62.575 ± 0.389 $\chi^2/\text{NDF}: 797.5/22$

All: -65.024 ± 0.302 $\chi^2/\text{NDF}: 1504.9/41$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 39.054 $\pm$ 0.387 χ^2 /NDF:336.1/3

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 40.819 $\pm$ 0.596 χ^2 /NDF:30.5/1

Left: 39.578 $\pm$ 0.325 χ^2 /NDF: 372.7/5

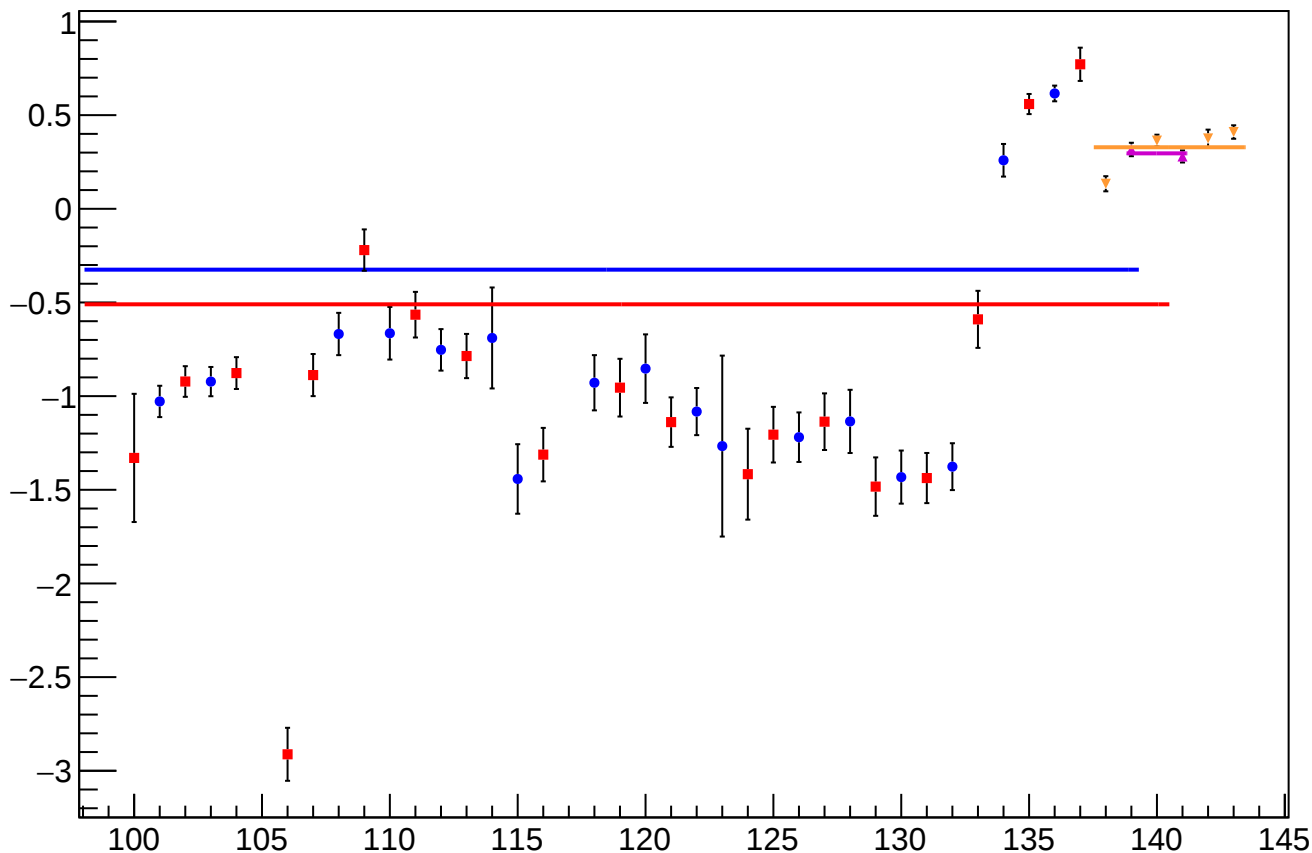
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 33.026 $\pm$ 0.363 χ^2 /NDF:3624.9/18

Out: 34.458 $\pm$ 0.301 χ^2 /NDF:3725.4/22

All: 33.875 $\pm$ 0.232 χ^2 /NDF: 7359.5/41

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: 0.329 ± 0.019 χ^2/NDF : 30.6/3

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: 0.316 ± 0.015 χ^2/NDF : 32.3/5

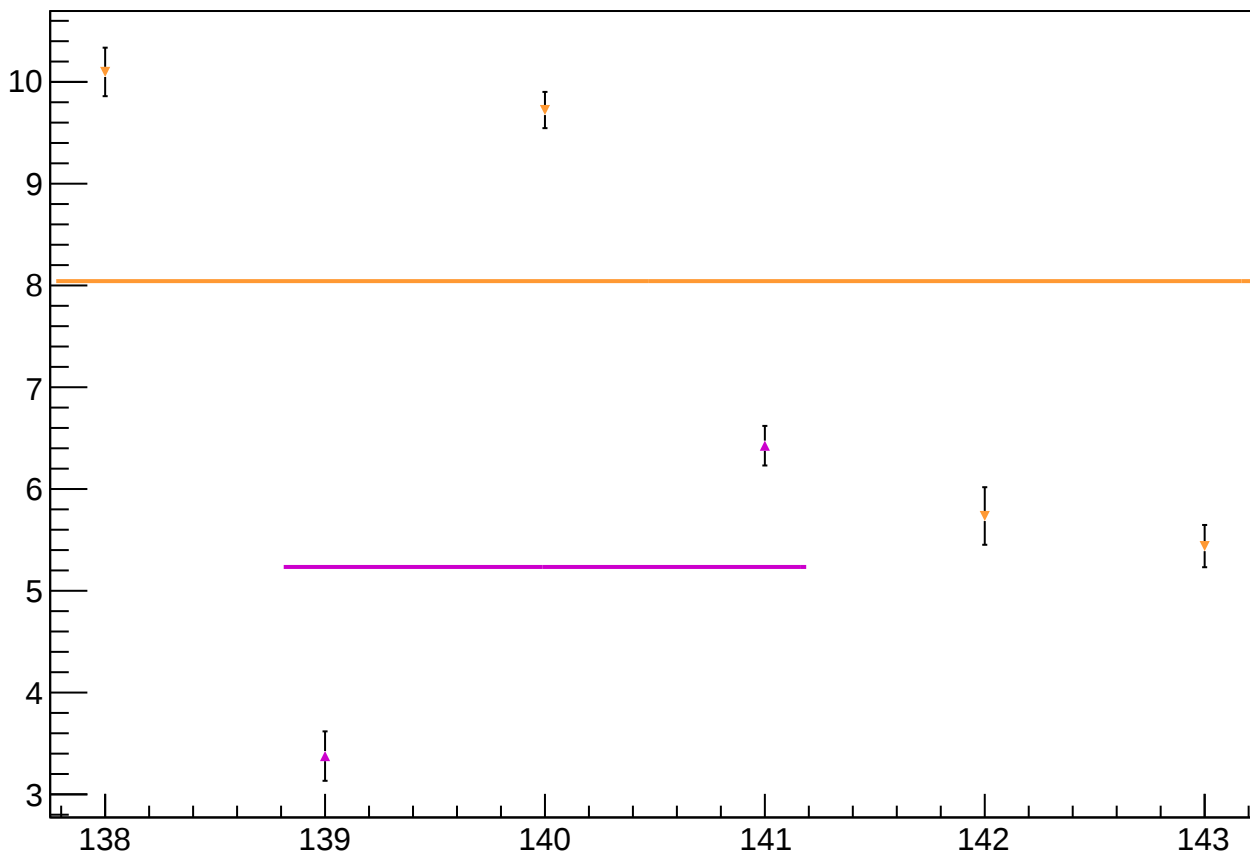
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: -0.002 ± 0.017 χ^2/NDF : 1335.0/18

Out: 0.036 ± 0.015 χ^2/NDF : 1893.1/22

All: 0.020 ± 0.011 χ^2/NDF : 3231.0/41

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: 8.043+/-0.109 χ^2/NDF :387.4/3

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: 7.092+/-0.088 χ^2/NDF : 710.0/5

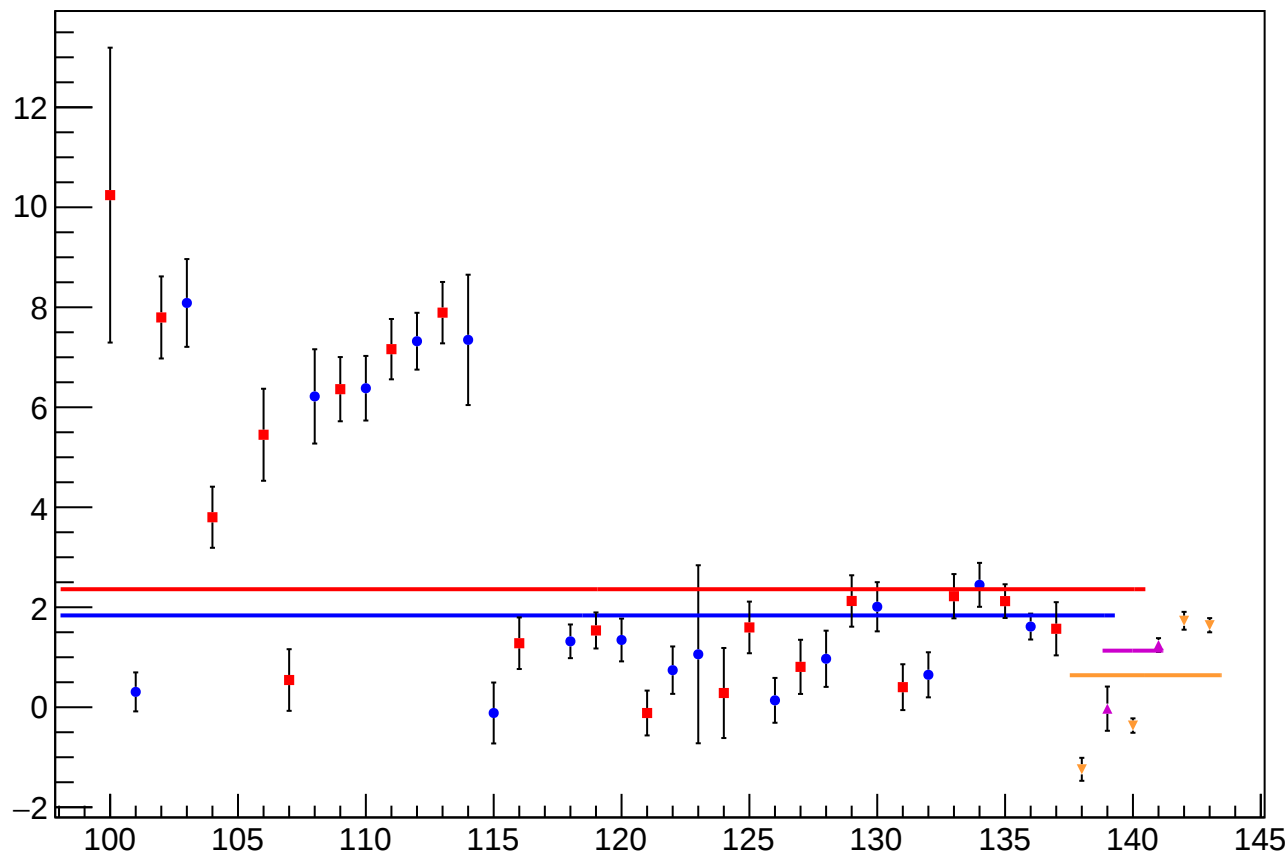
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.234+/-0.152 χ^2/NDF :96.1/1

Out: 8.043+/-0.109 χ^2/NDF :387.4/3

All: 7.092+/-0.088 χ^2/NDF : 710.0/5

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: 0.640 ± 0.082 χ^2/NDF : 203.1/3

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: 0.778 ± 0.070 χ^2/NDF : 220.7/5

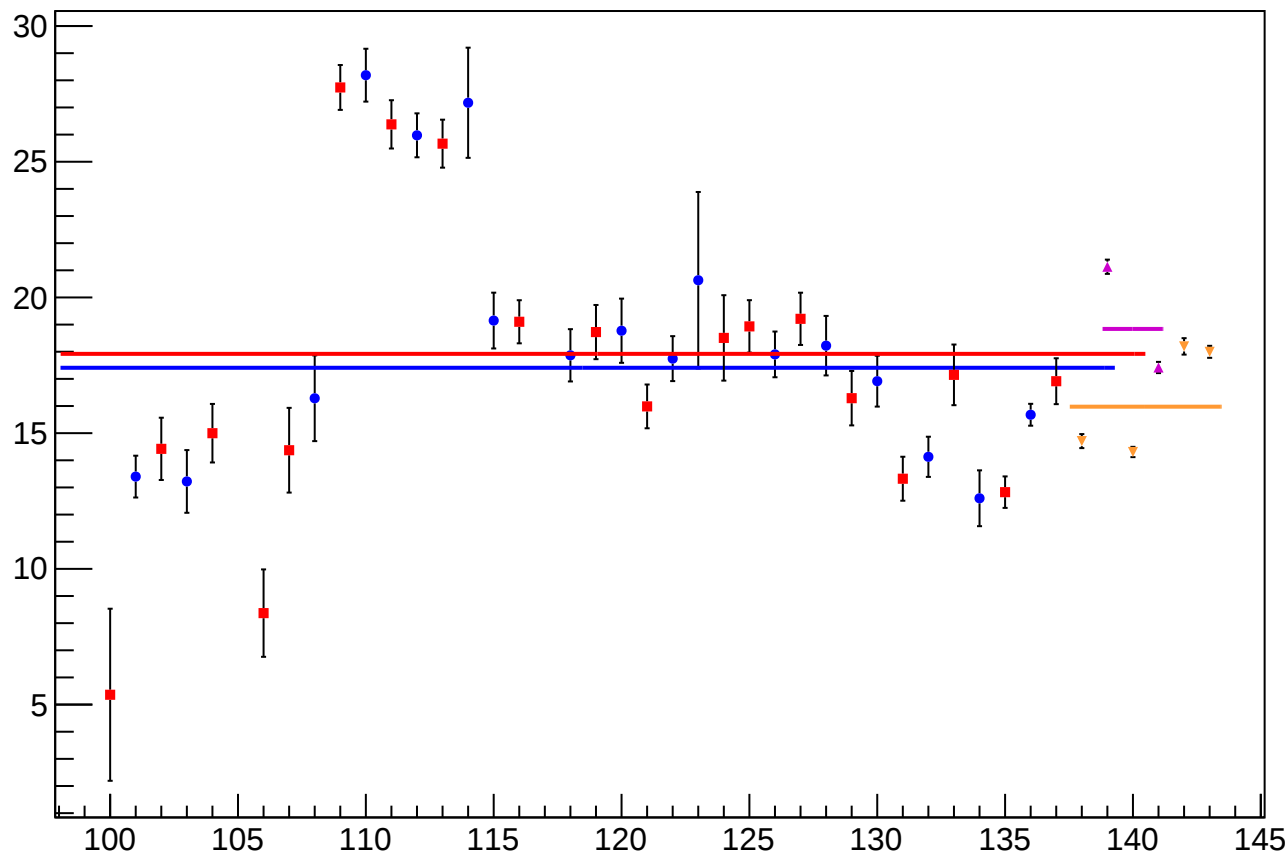
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.528 ± 0.087 χ^2/NDF : 317.8/18

Out: 1.174 ± 0.068 χ^2/NDF : 676.2/22

All: 1.309 ± 0.054 χ^2/NDF : 1004.1/41

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 15.976 $\pm$ 0.116 χ^2 /NDF:238.8/3

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: 16.945 $\pm$ 0.094 χ^2 /NDF: 568.0/5

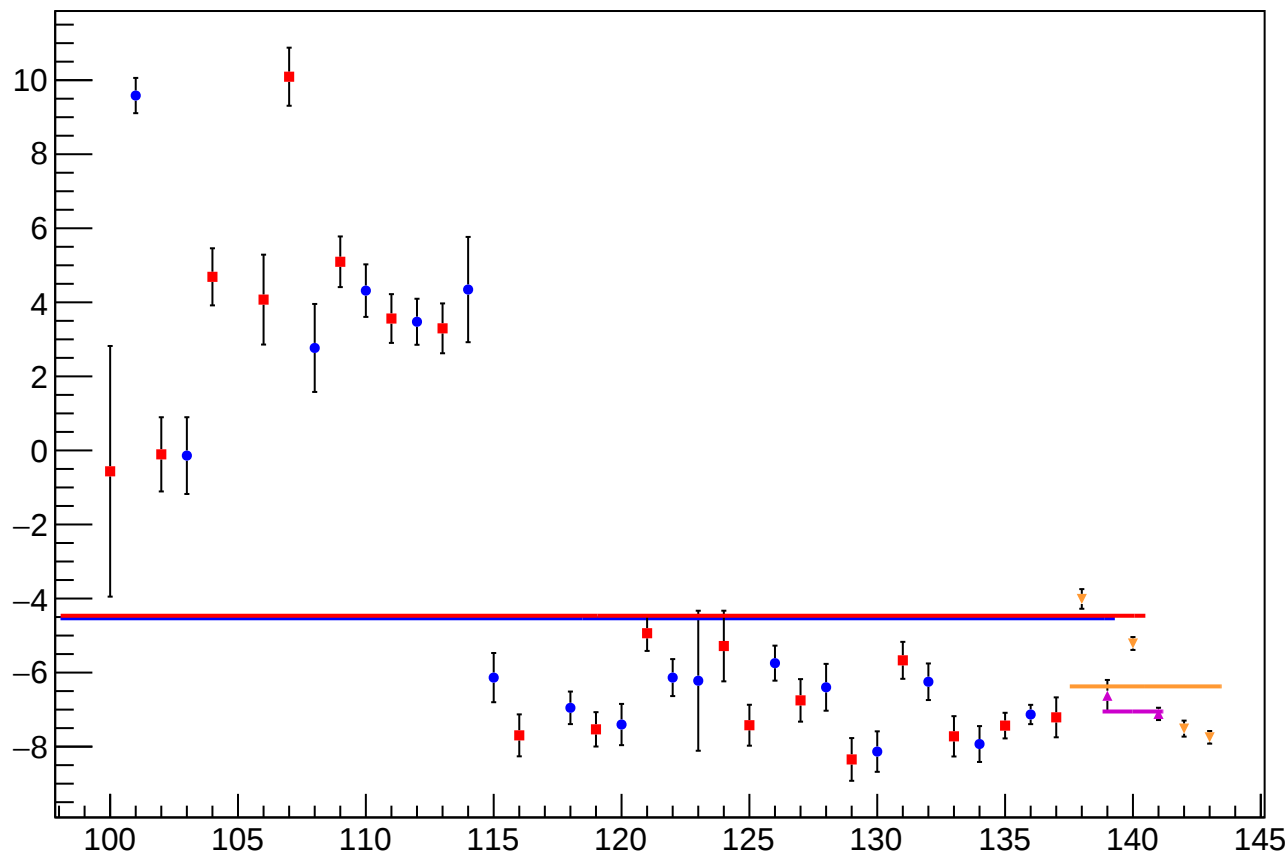
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 18.311 $\pm$ 0.129 χ^2 /NDF:517.2/18

Out: 16.404 $\pm$ 0.103 χ^2 /NDF:807.0/22

All: 17.143 $\pm$ 0.080 χ^2 /NDF: 1458.3/41

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: -6.373 ± 0.099 χ^2/NDF : 215.9/3

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.051 ± 0.155 χ^2/NDF : 1.1/1

Left: -6.569 ± 0.083 χ^2/NDF : 230.7/5

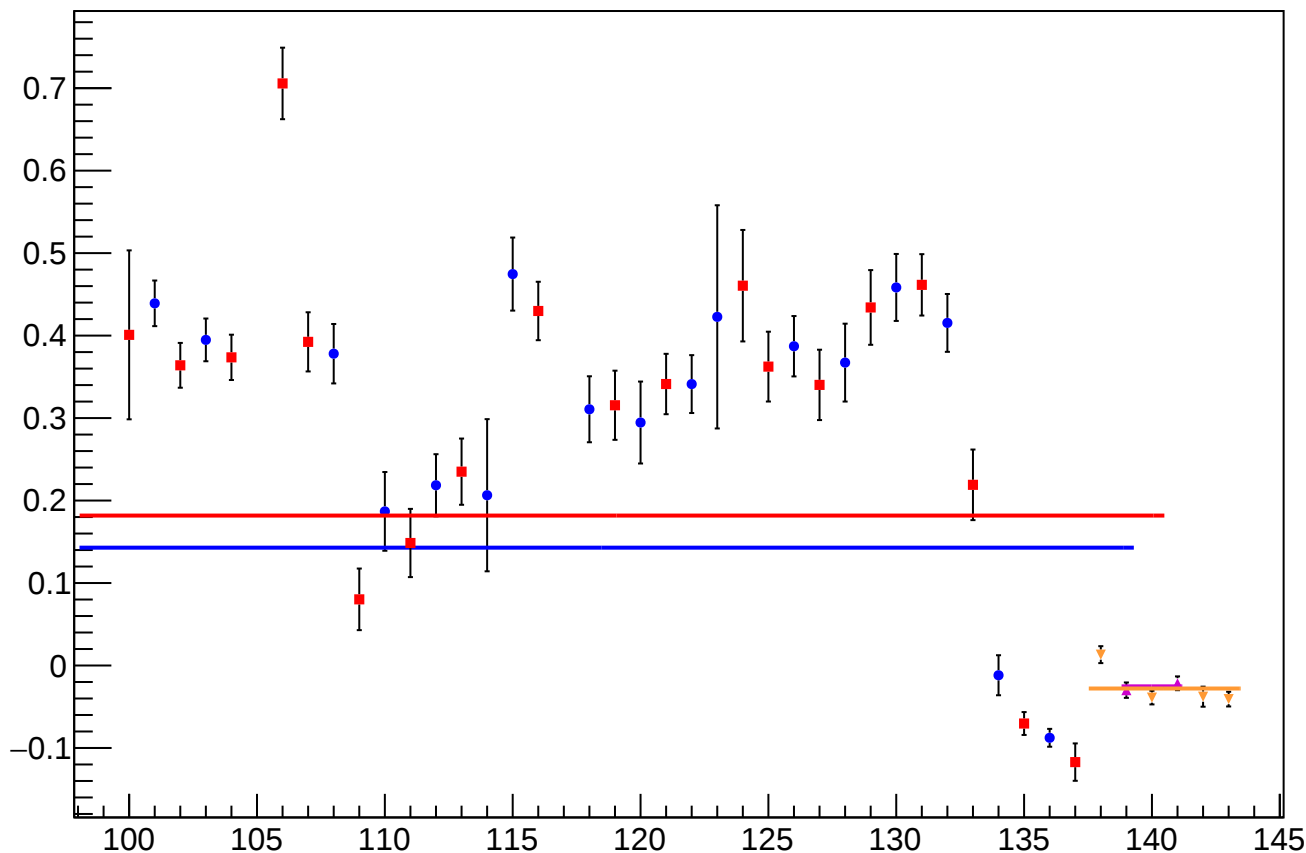
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -5.571 ± 0.099 χ^2/NDF : 1745.0/18

Out: -5.720 ± 0.080 χ^2/NDF : 1684.5/22

All: -5.662 ± 0.062 χ^2/NDF : 3430.9/41

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: -0.028 $\pm$ 0.005 χ^2 /NDF:20.5/3

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: -0.027 $\pm$ 0.004 χ^2 /NDF: 21.1/5

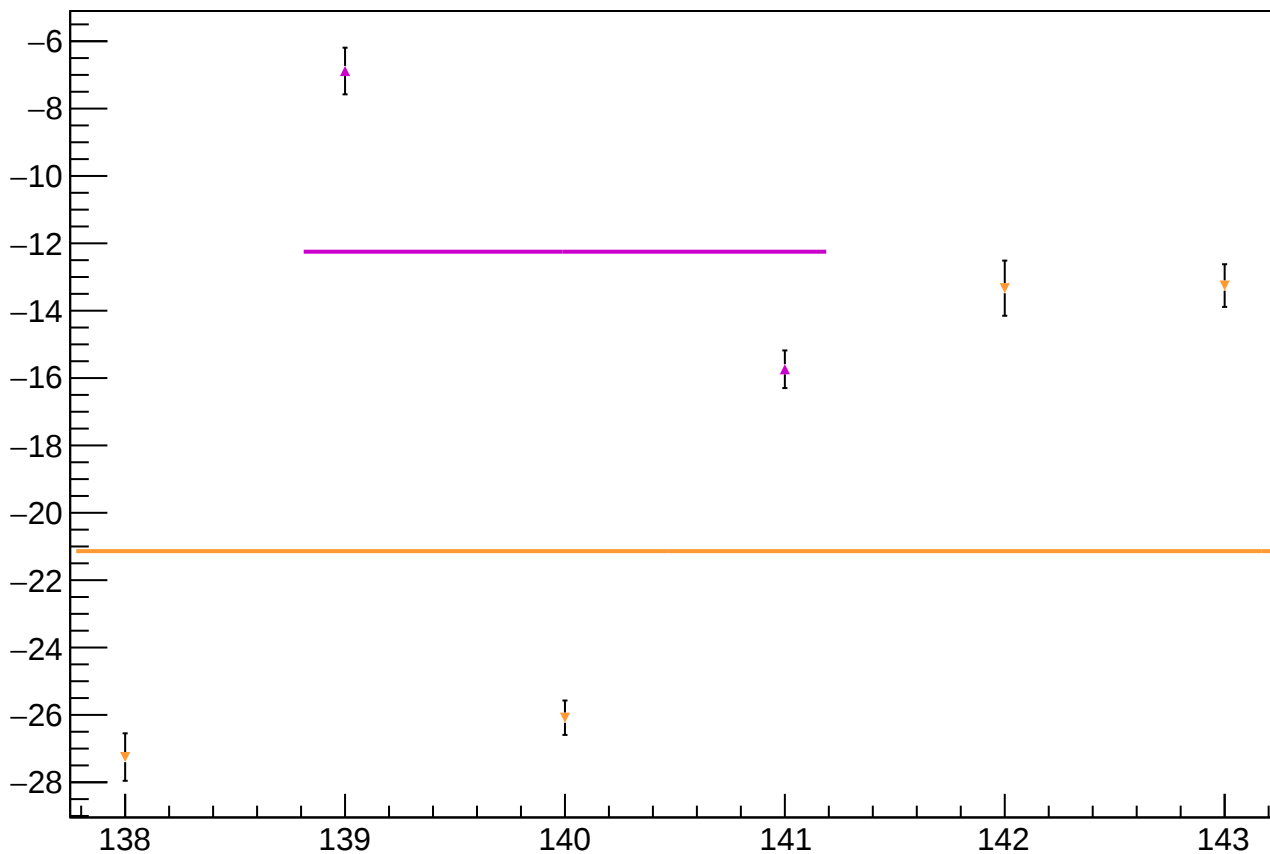
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.048 $\pm$ 0.005 χ^2 /NDF:1378.7/18

Out: 0.034 $\pm$ 0.004 χ^2 /NDF:1595.8/22

All: 0.040 $\pm$ 0.003 χ^2 /NDF: 2979.7/41

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: -21.138+/-0.319 χ^2/NDF : 414.8/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.249+/-0.435 χ^2/NDF : 99.0/1

Left: -18.029+/-0.257 χ^2/NDF : 785.6/5

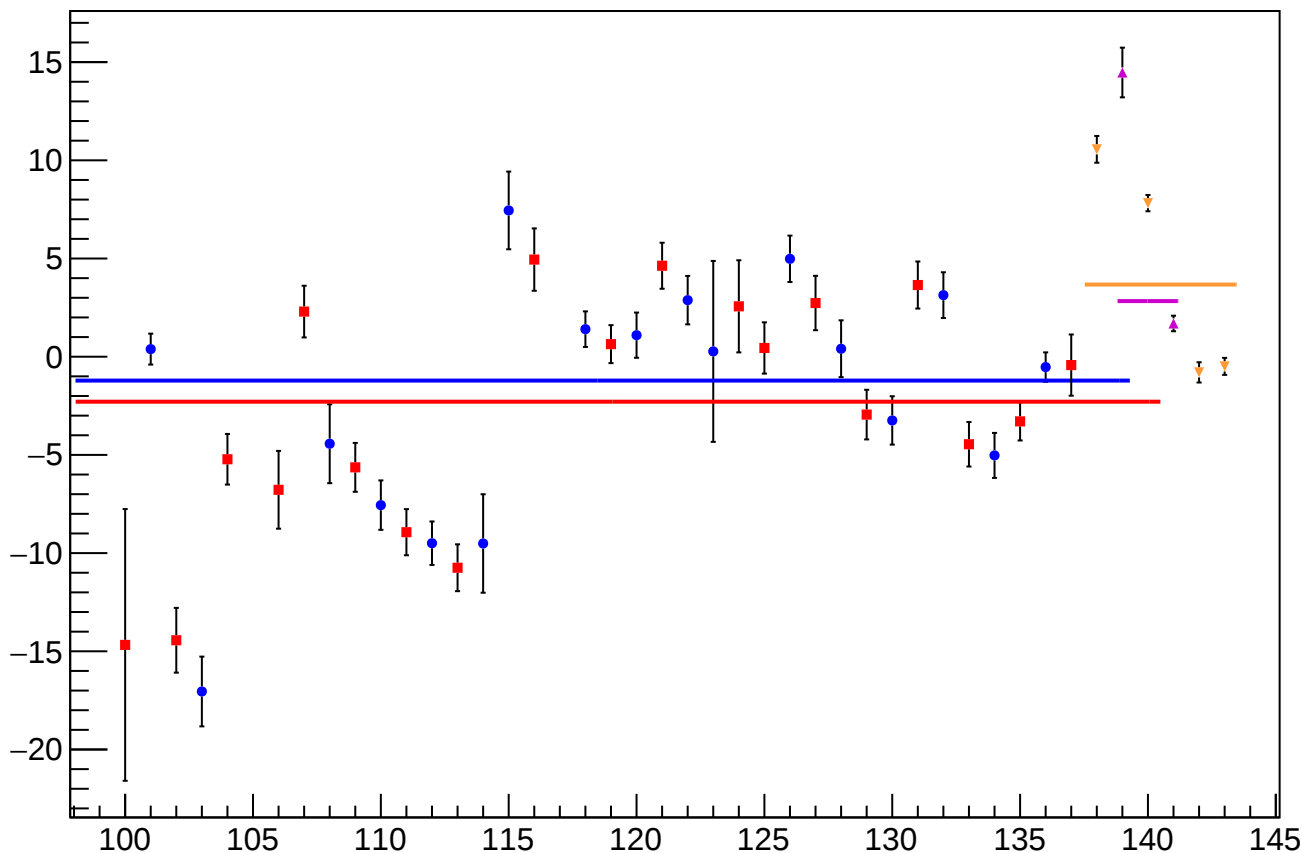
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.249+/-0.435 χ^2/NDF : 99.0/1

Out: -21.138+/-0.319 χ^2/NDF : 414.8/3

All: -18.029+/-0.257 χ^2/NDF : 785.6/5

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: 3.674+/-0.242 χ^2/NDF :370.1/3

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: 3.429+/-0.204 χ^2/NDF : 466.6/5

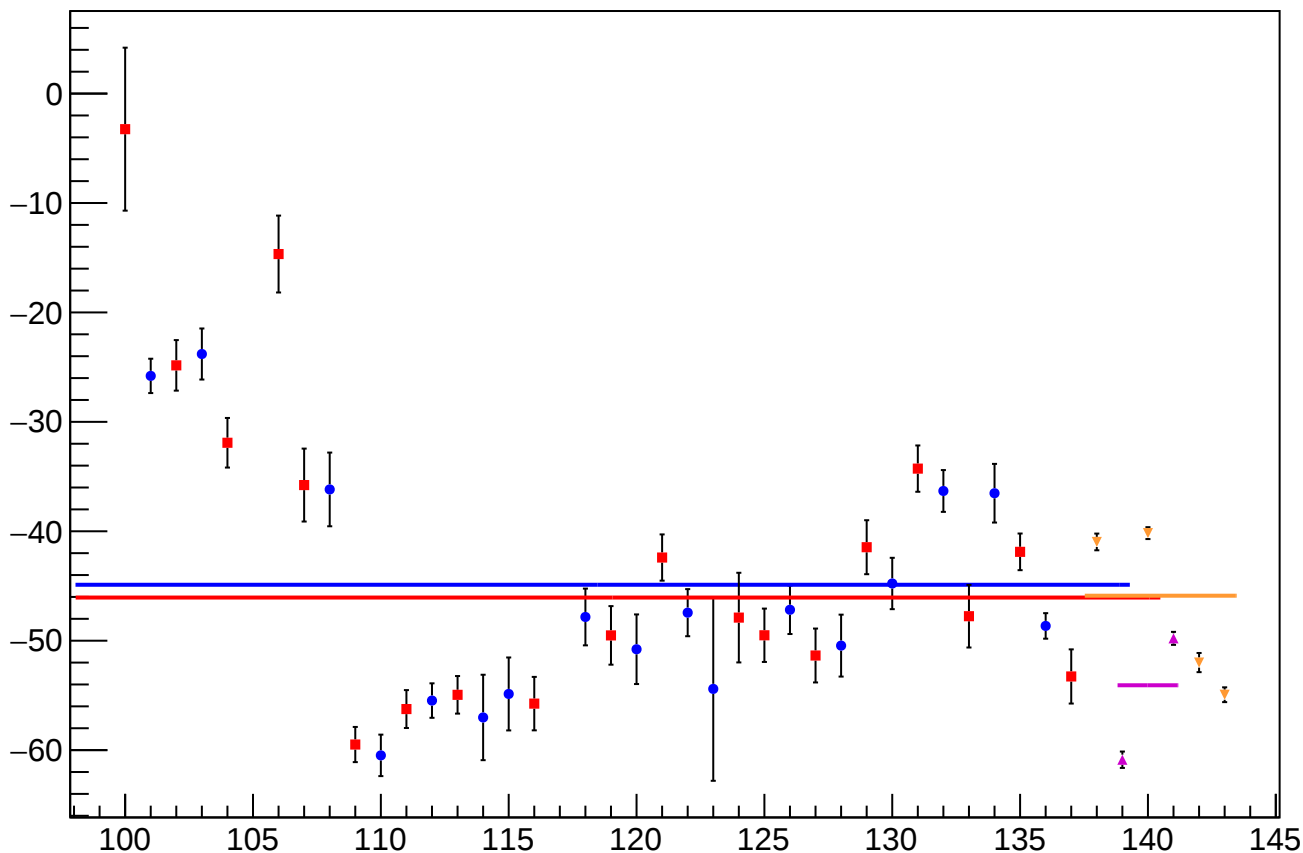
Right: -1.731+/-0.209 χ^2/NDF : 572.4/35

In: 0.288+/-0.230 χ^2/NDF :443.8/18

Out: 1.344+/-0.189 χ^2/NDF :894.6/22

All: 0.919+/-0.146 χ^2/NDF : 1351.0/41

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: -45.888 ± 0.341 χ^2/NDF : 380.1/3

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: -48.749 ± 0.275 χ^2/NDF : 716.0/5

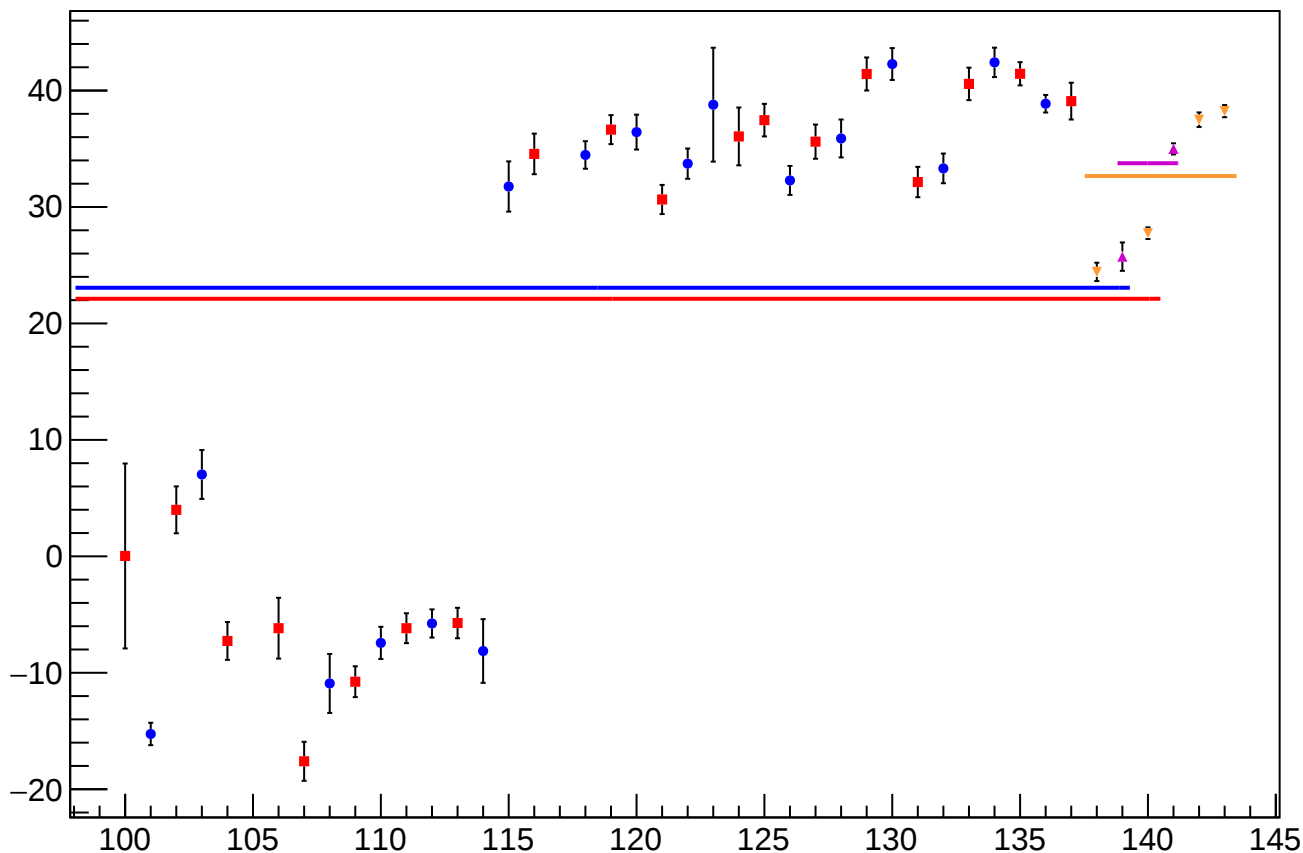
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -50.017 ± 0.348 χ^2/NDF : 727.2/18

Out: -45.937 ± 0.287 χ^2/NDF : 833.9/22

All: -47.588 ± 0.221 χ^2/NDF : 1643.0/41

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: 32.659 $\pm$ 0.291 χ^2 /NDF:379.2/3

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: 32.988 $\pm$ 0.243 χ^2 /NDF: 433.5/5

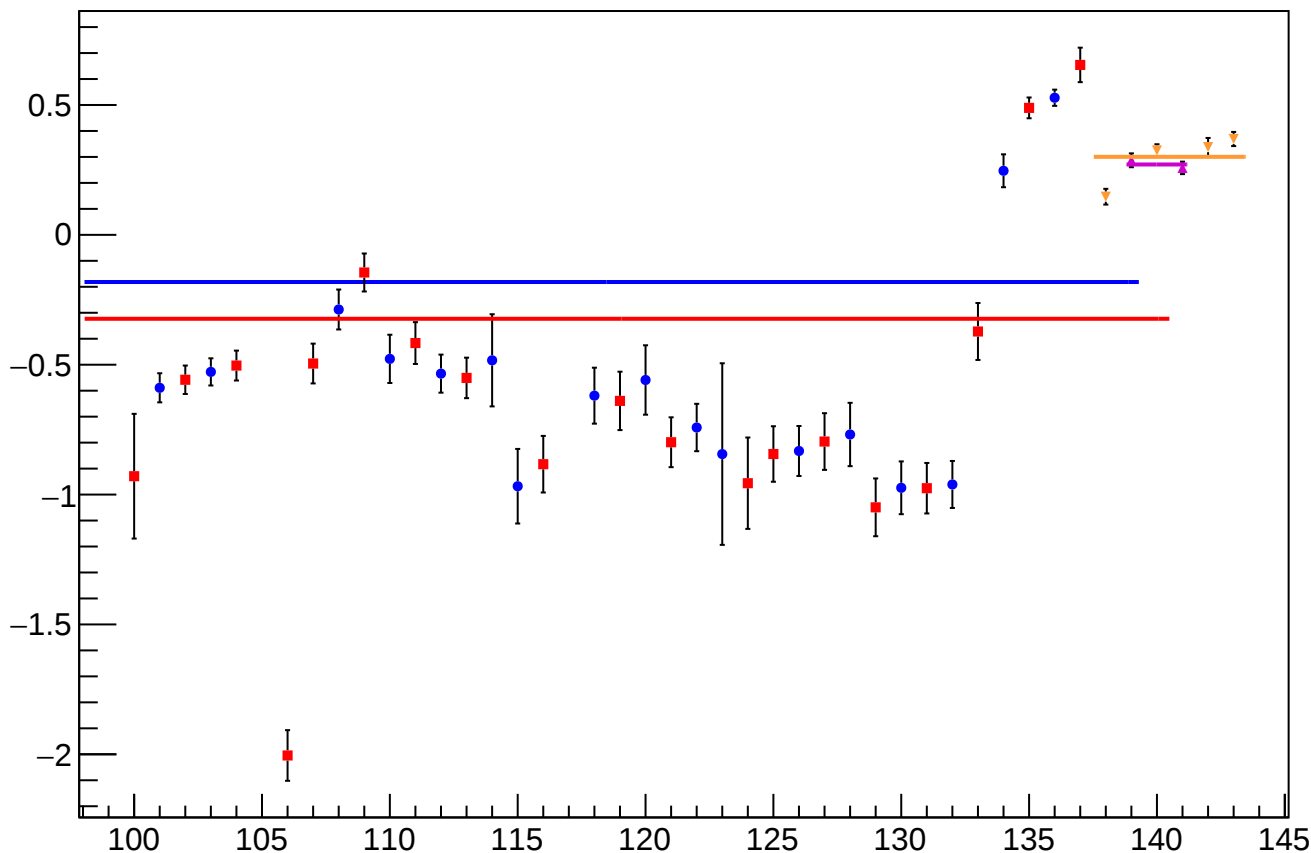
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 26.813 $\pm$ 0.263 χ^2 /NDF:4759.2/18

Out: 28.203 $\pm$ 0.221 χ^2 /NDF:4968.2/22

All: 27.629 $\pm$ 0.169 χ^2 /NDF: 9743.8/41

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: 0.300 ± 0.014 χ^2/NDF : 34.2/3

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: 0.289 ± 0.011 χ^2/NDF : 36.6/5

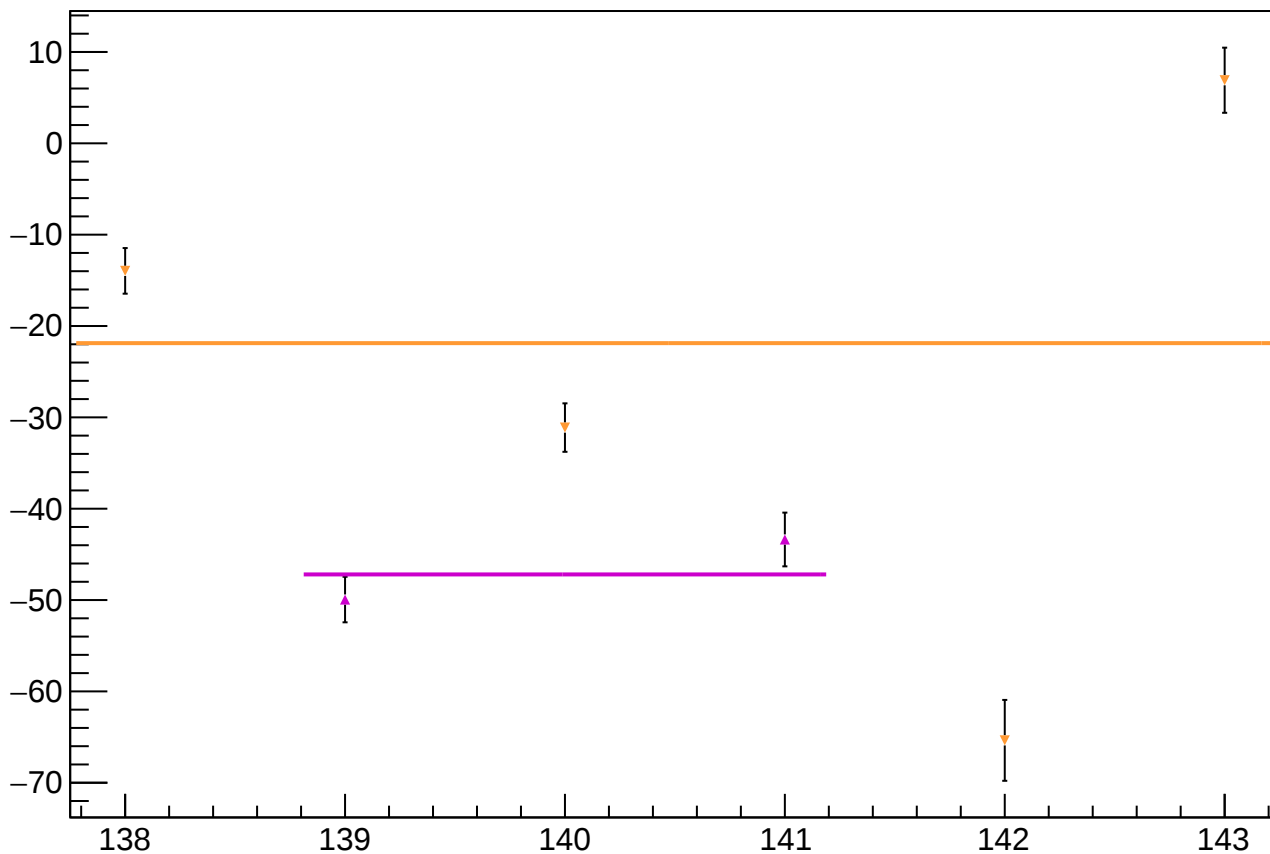
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.043 ± 0.013 χ^2/NDF : 1321.1/18

Out: 0.066 ± 0.011 χ^2/NDF : 1953.6/22

All: 0.056 ± 0.008 χ^2/NDF : 3276.5/41

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.875+/-1.521 χ^2/NDF :183.9/3

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: -31.756+/-1.188 χ^2/NDF : 294.9/5

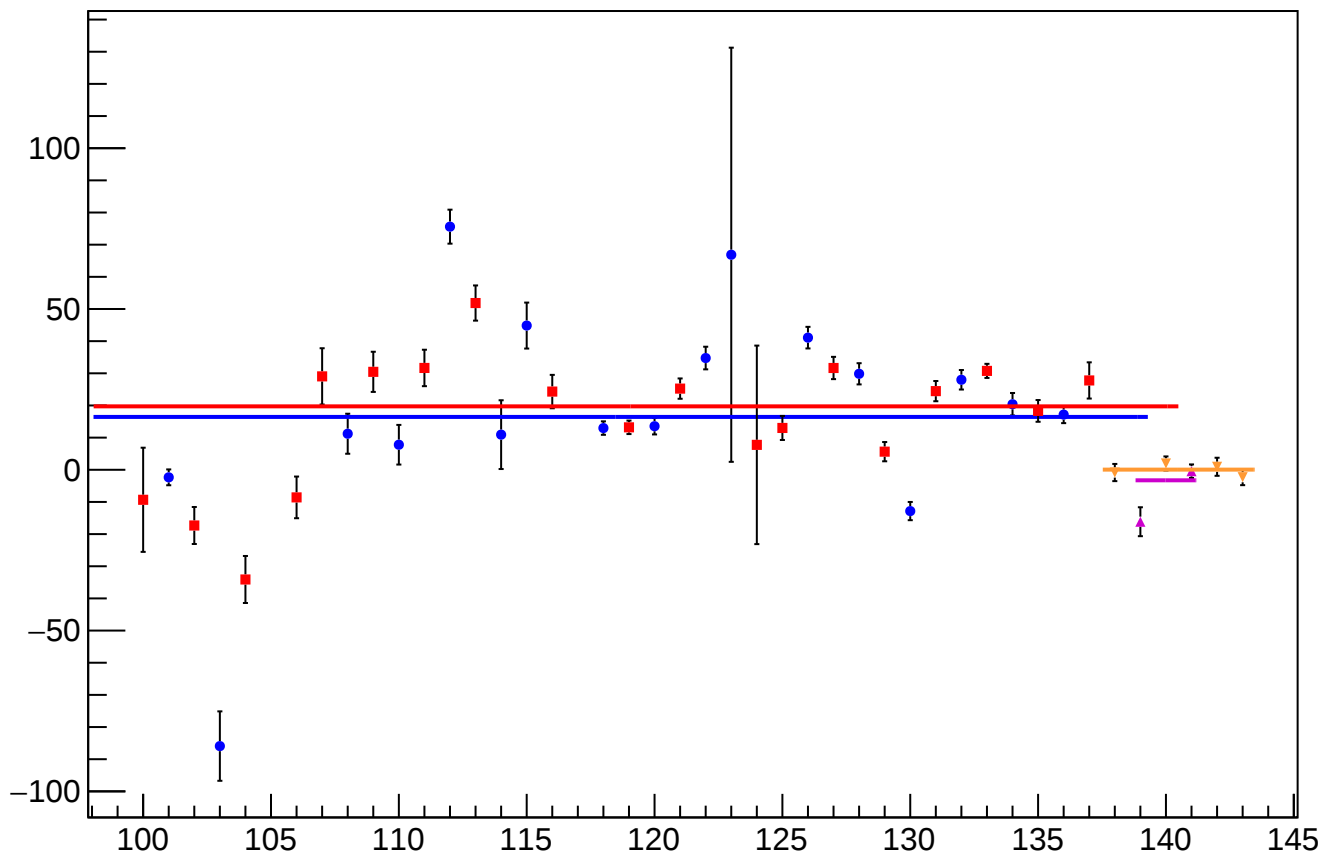
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.195+/-1.902 χ^2/NDF :2.9/1

Out: -21.875+/-1.521 χ^2/NDF :183.9/3

All: -31.756+/-1.188 χ^2/NDF : 294.9/5

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: 0.051 $\pm$ 1.250 χ^2 /NDF:1.9/3

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: -0.947 $\pm$ 1.046 χ^2 /NDF: 14.0/5

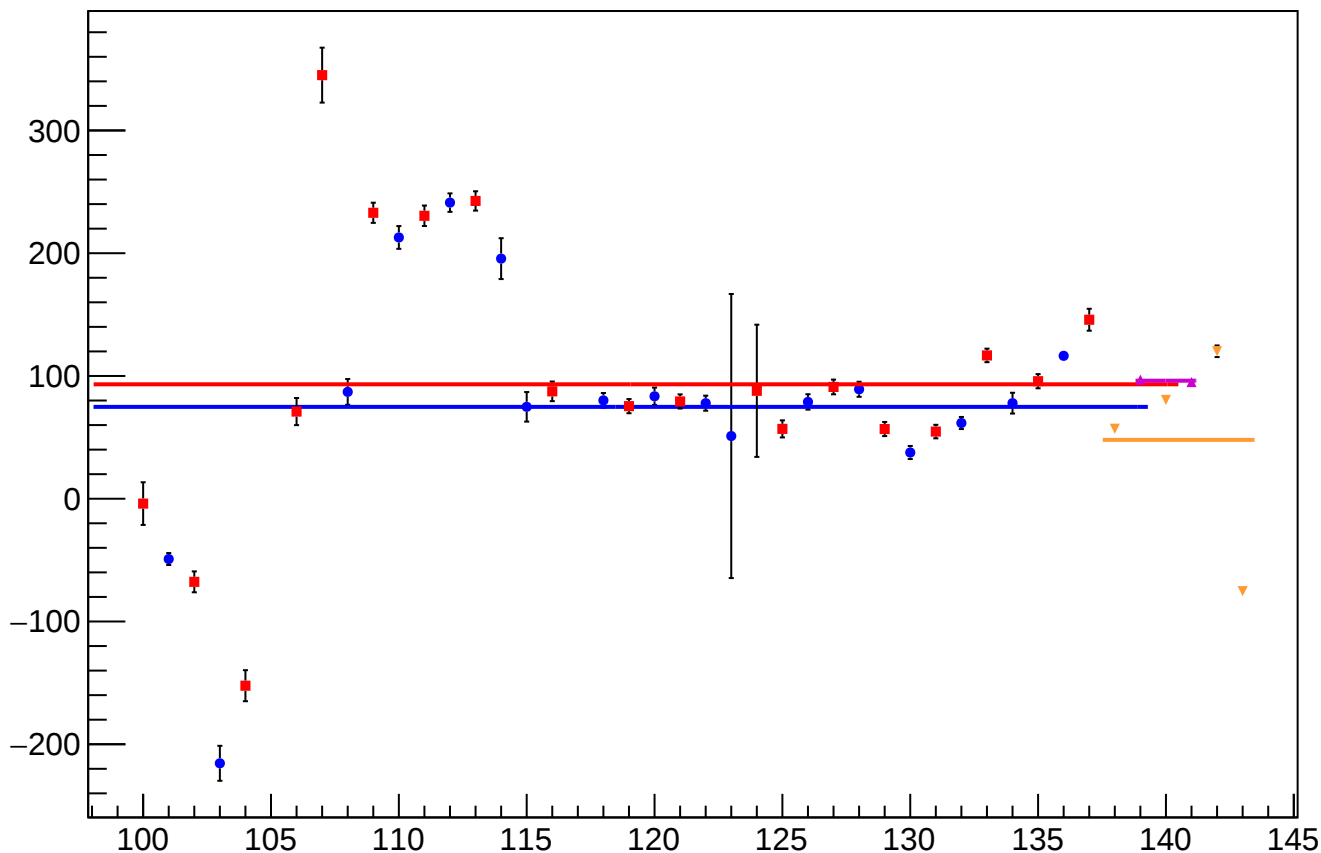
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 13.186 $\pm$ 0.775 χ^2 /NDF:616.0/18

Out: 13.030 $\pm$ 0.729 χ^2 /NDF:407.0/22

All: 13.103 $\pm$ 0.531 χ^2 /NDF: 1023.0/41

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 47.962+/-1.633 χ^2/NDF :1425.9/3

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: 66.746+/-1.275 χ^2/NDF : 1765.7/5

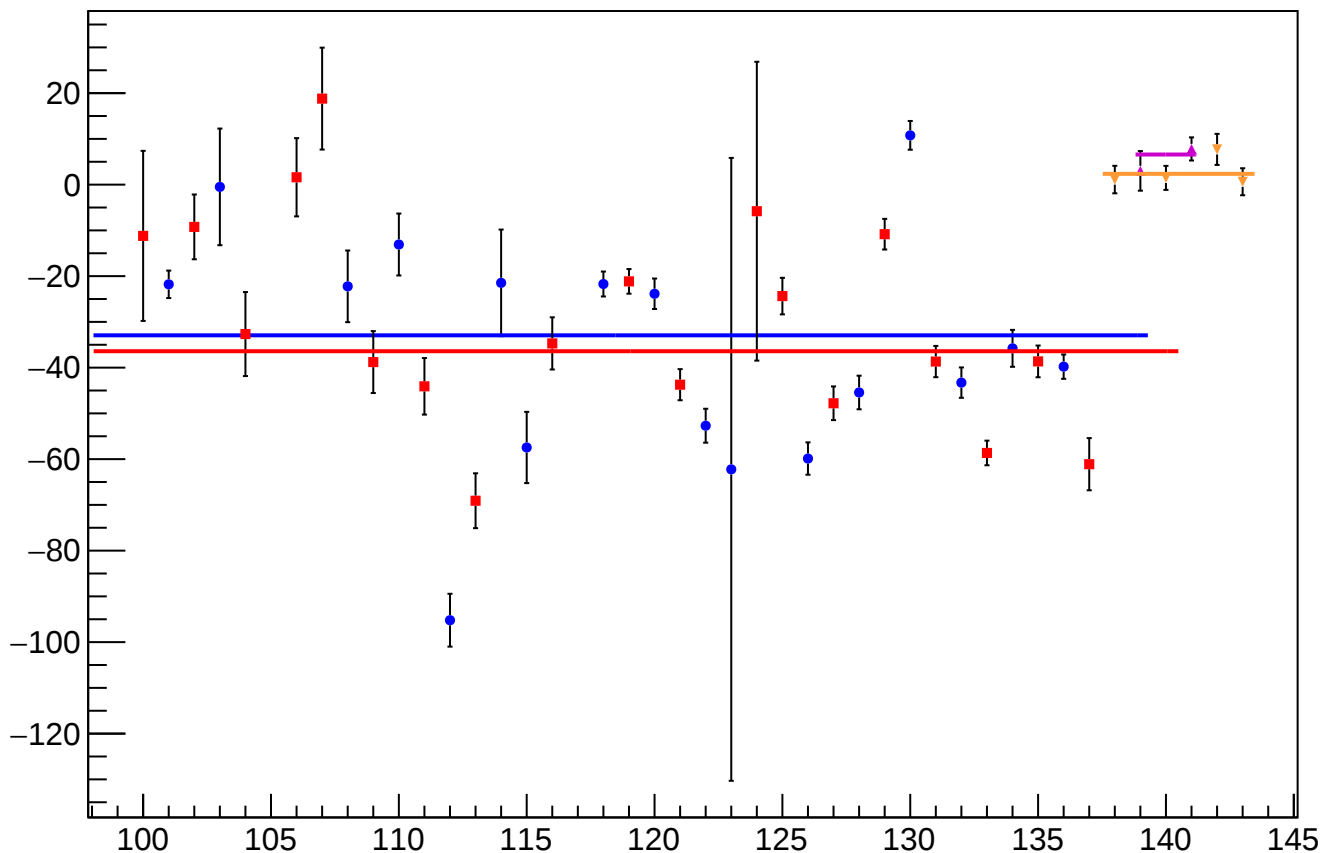
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 83.175+/-1.278 χ^2/NDF :2063.4/18

Out: 69.515+/-1.181 χ^2/NDF :3792.4/22

All: 75.808+/-0.868 χ^2/NDF : 5917.4/41

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: 2.359 ± 1.479 χ^2/NDF : 3.1/3

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: 3.688 ± 1.224 χ^2/NDF : 6.6/5

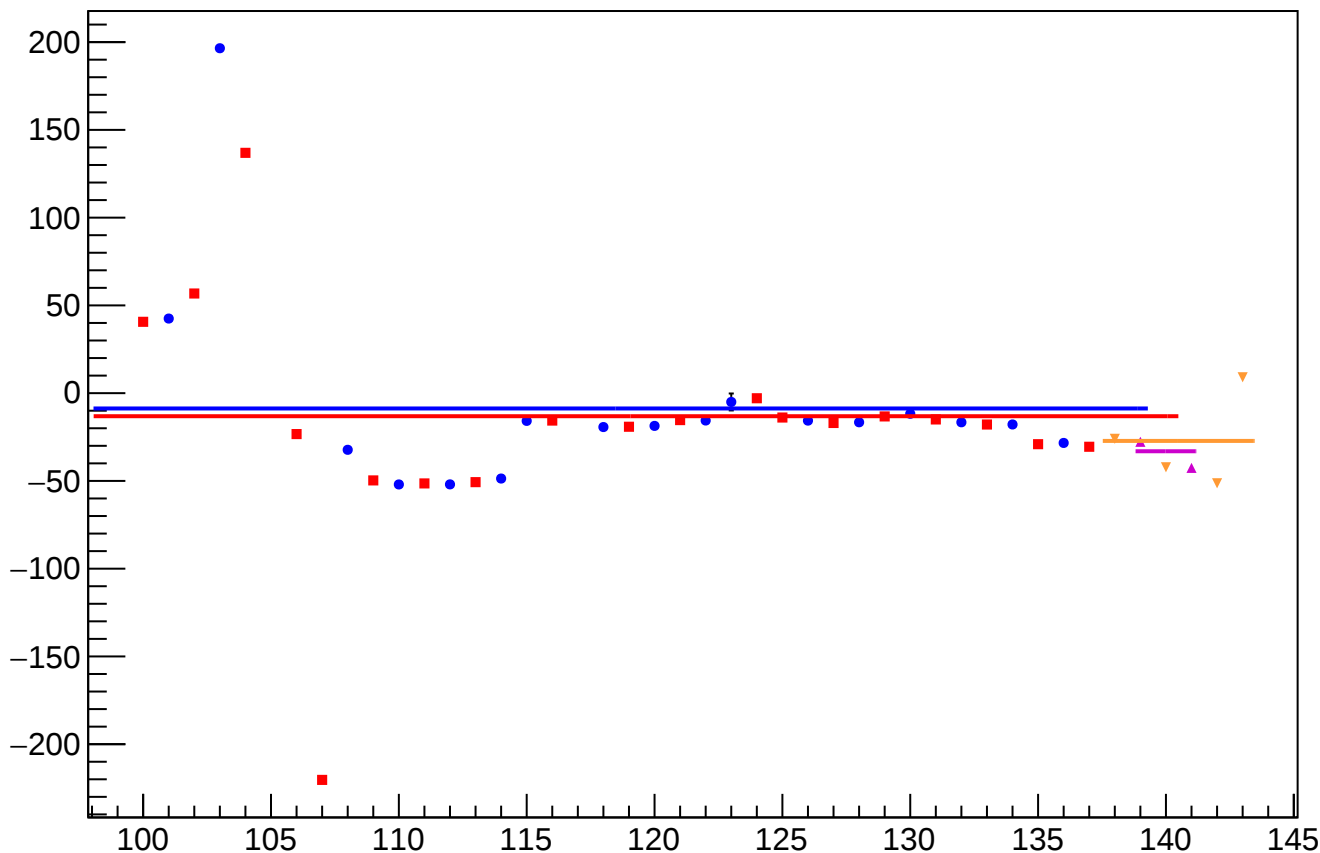
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -26.385 ± 0.889 χ^2/NDF : 764.9/18

Out: -23.827 ± 0.843 χ^2/NDF : 762.4/22

All: -25.038 ± 0.612 χ^2/NDF : 1531.7/41

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: -27.208 ± 0.066 $\chi^2/\text{NDF}: 87686.4/3$

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: -29.761 ± 0.050 $\chi^2/\text{NDF}: 99962.2/5$

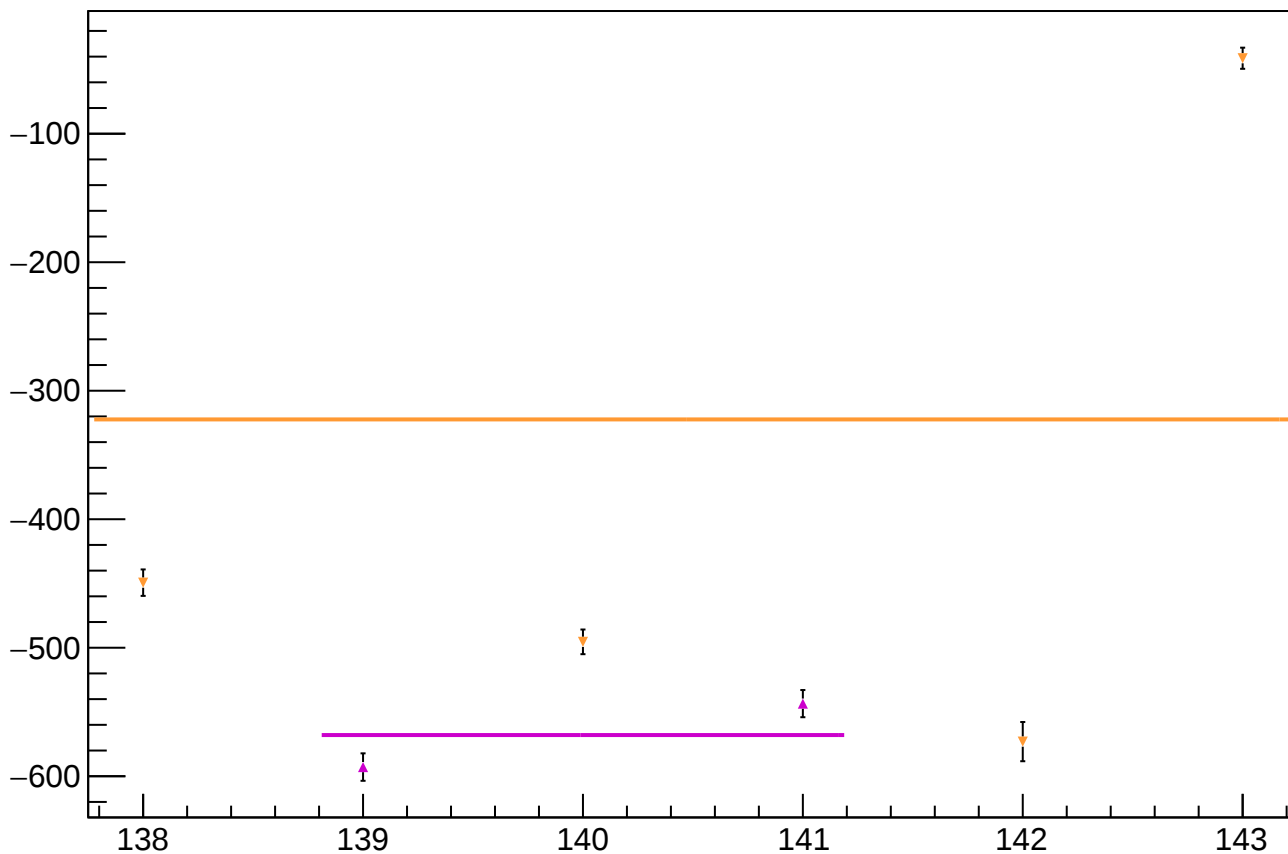
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -17.877 ± 0.047 $\chi^2/\text{NDF}: 649093.5/18$

Out: -19.664 ± 0.045 $\chi^2/\text{NDF}: 670407.6/22$

All: -18.796 ± 0.032 $\chi^2/\text{NDF}: 1320260.2/41$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -322.331 ± 5.040 $\chi^2/\text{NDF}: 1915.2/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -567.954 ± 7.517 $\chi^2/\text{NDF}: 10.8/1$

Left: -398.509 ± 4.186 $\chi^2/\text{NDF}: 2662.6/5$

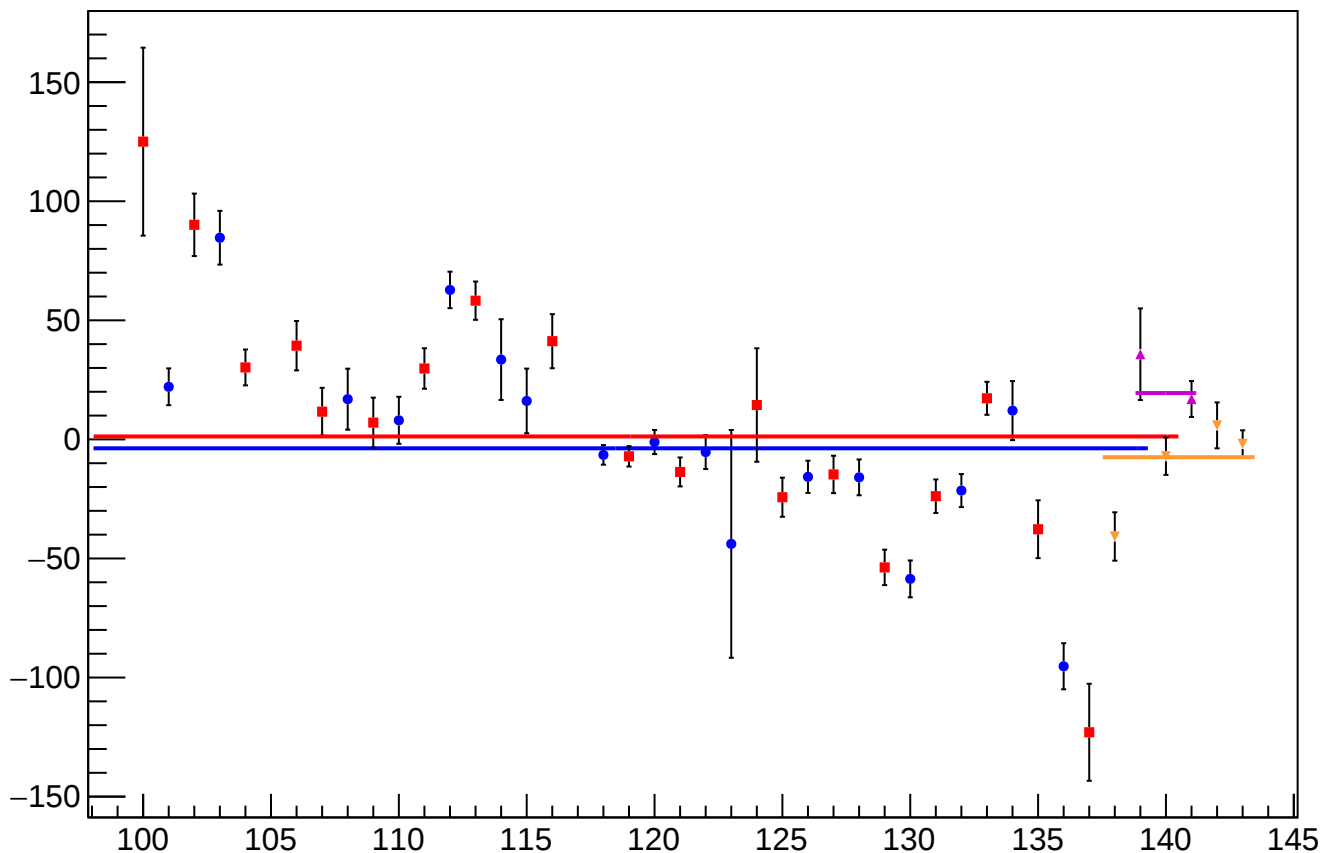
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -567.954 ± 7.517 $\chi^2/\text{NDF}: 10.8/1$

Out: -322.331 ± 5.040 $\chi^2/\text{NDF}: 1915.2/3$

All: -398.509 ± 4.186 $\chi^2/\text{NDF}: 2662.6/5$

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: -7.471 ± 3.851 χ^2/NDF : 13.6/3

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: -1.234 ± 3.376 χ^2/NDF : 25.8/5

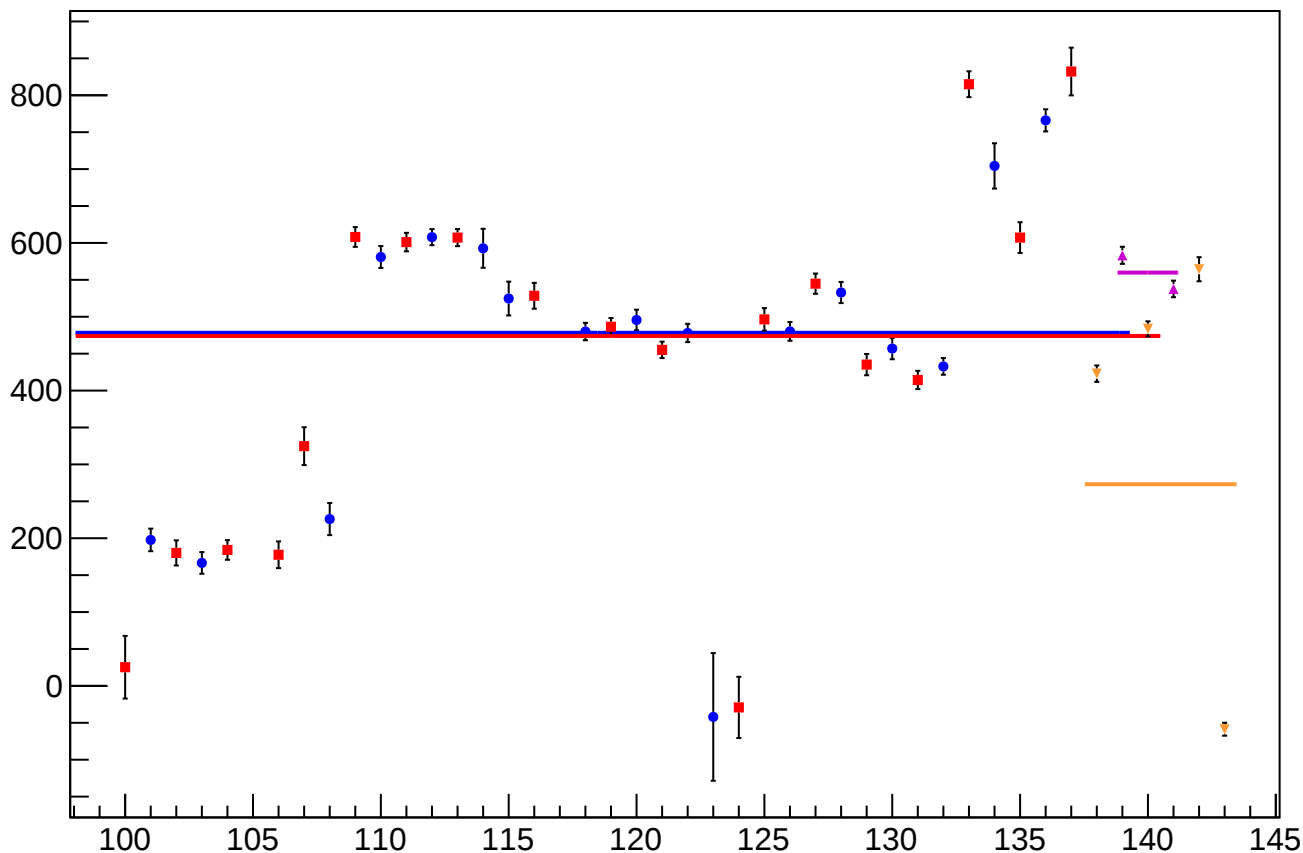
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -2.170 ± 1.827 χ^2/NDF : 325.1/18

Out: -0.487 ± 1.715 χ^2/NDF : 321.3/22

All: -1.276 ± 1.250 χ^2/NDF : 646.8/41

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 273.126+/-5.396 χ^2/NDF : 2352.9/3

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: 361.797+/-4.484 χ^2/NDF : 3234.0/5

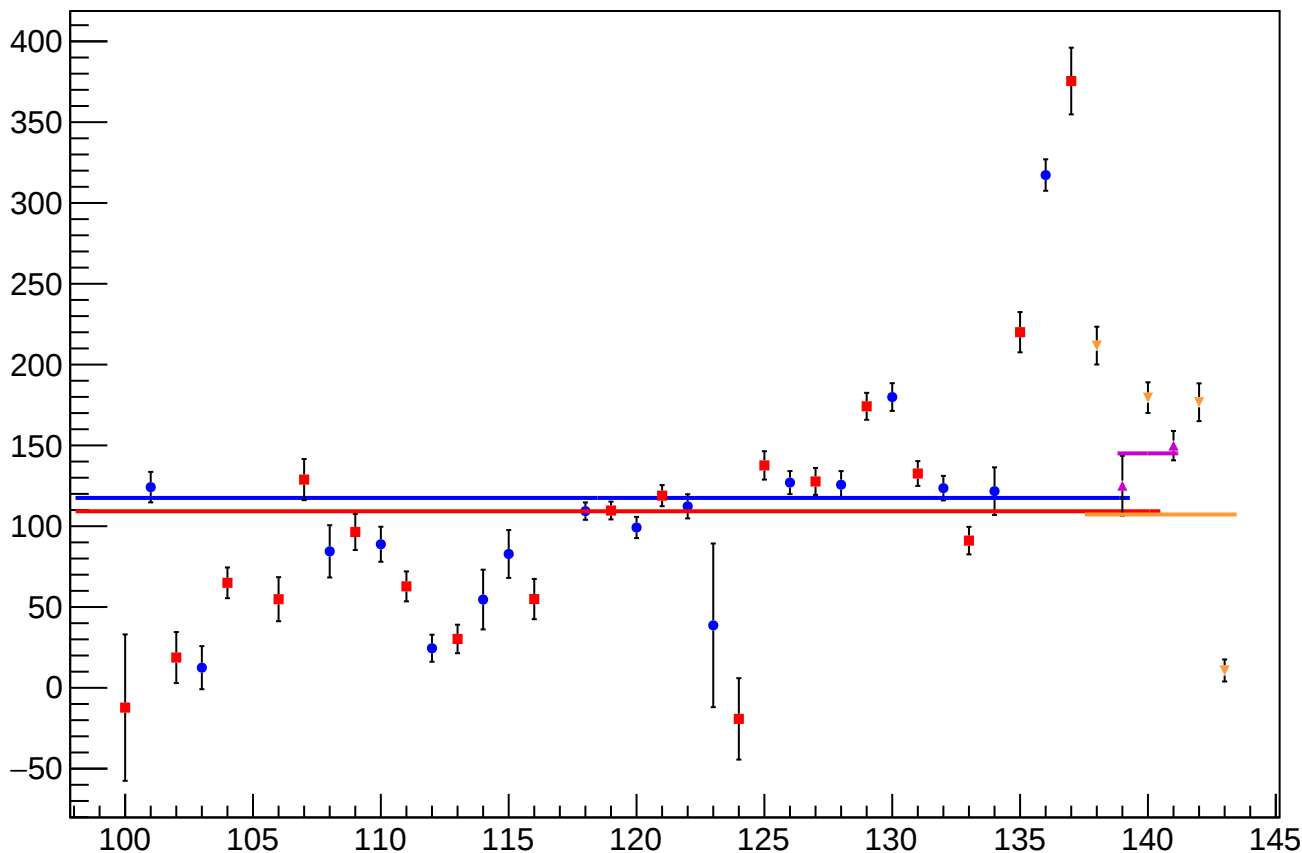
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 492.060+/-3.316 χ^2/NDF : 1720.9/18

Out: 413.798+/-2.953 χ^2/NDF : 5611.7/22

All: 448.416+/-2.206 χ^2/NDF : 7643.2/41

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: 107.255 $\pm$ 4.598 χ^2 /NDF:373.8/3

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: 116.383 $\pm$ 4.005 χ^2 /NDF: 391.5/5

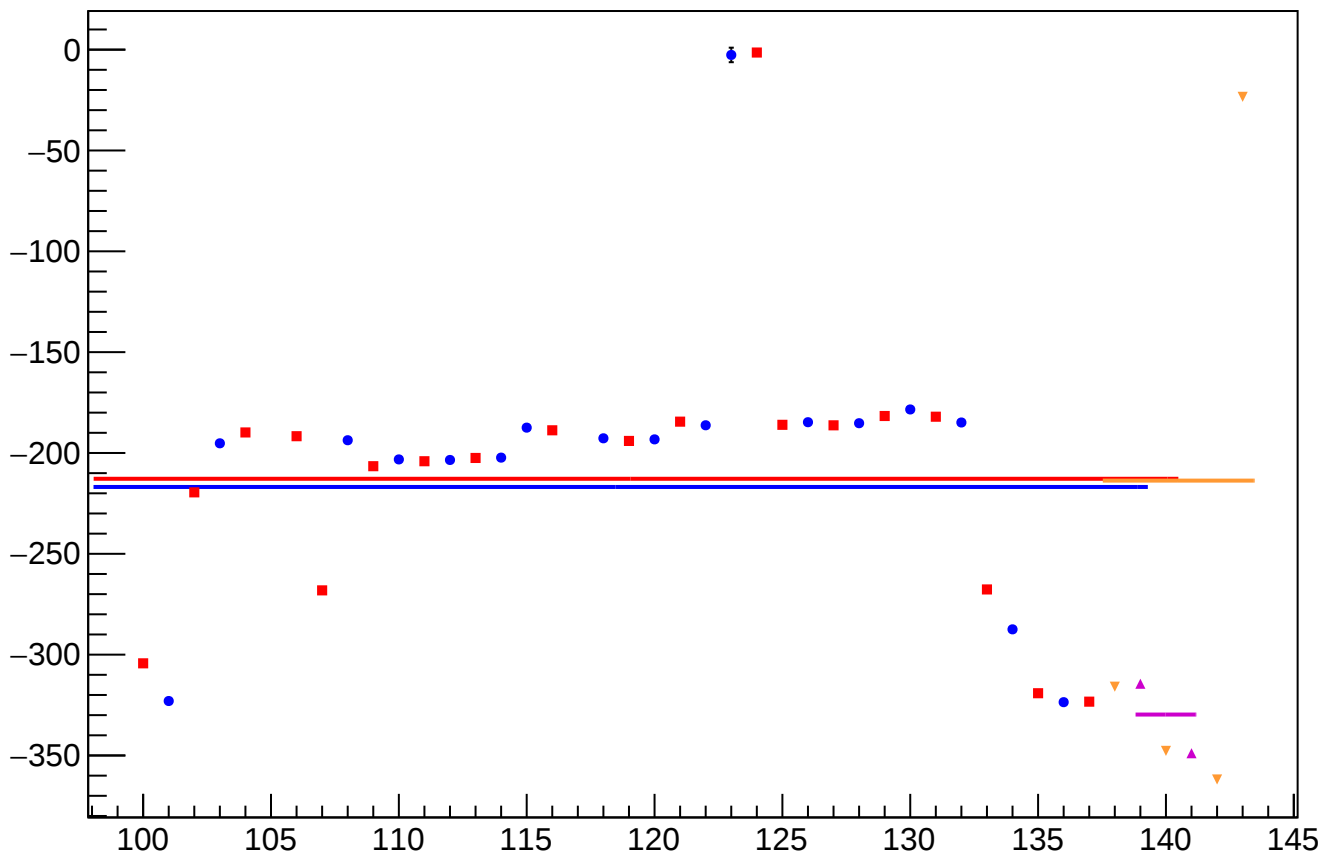
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 119.370 $\pm$ 2.122 χ^2 /NDF:718.0/18

Out: 108.874 $\pm$ 1.989 χ^2 /NDF:943.3/22

All: 113.783 $\pm$ 1.451 χ^2 /NDF: 1674.4/41

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -213.700+/-0.221 χ^2/NDF : 485780.4/3

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: -253.877+/-0.179 χ^2/NDF : 584353.8/5

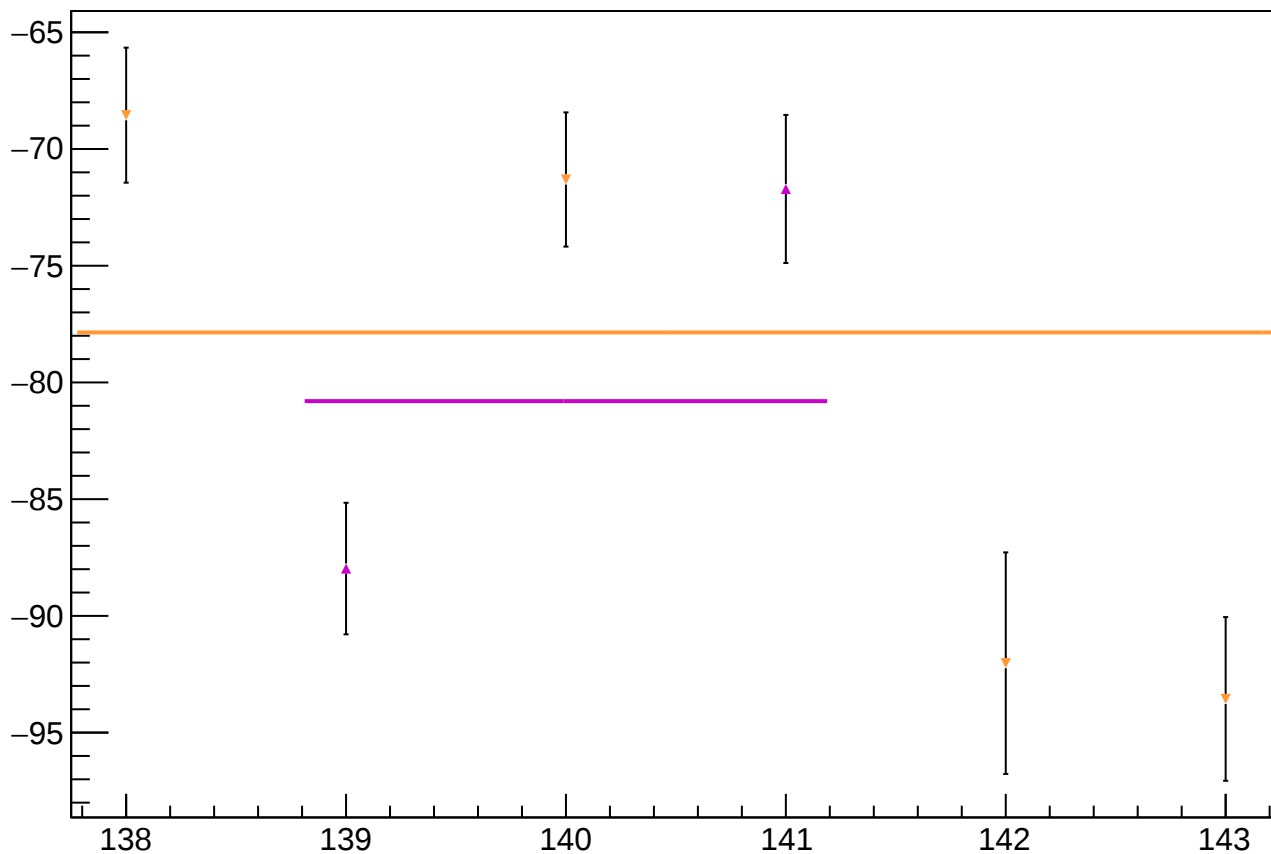
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -235.676+/-0.124 χ^2/NDF : 265179.1/18

Out: -213.026+/-0.112 χ^2/NDF : 602383.6/22

All: -223.211+/-0.083 χ^2/NDF : 885921.3/41

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -77.859+/-1.652 χ^2/NDF :44.5/3

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: -78.979+/-1.300 χ^2/NDF : 60.4/5

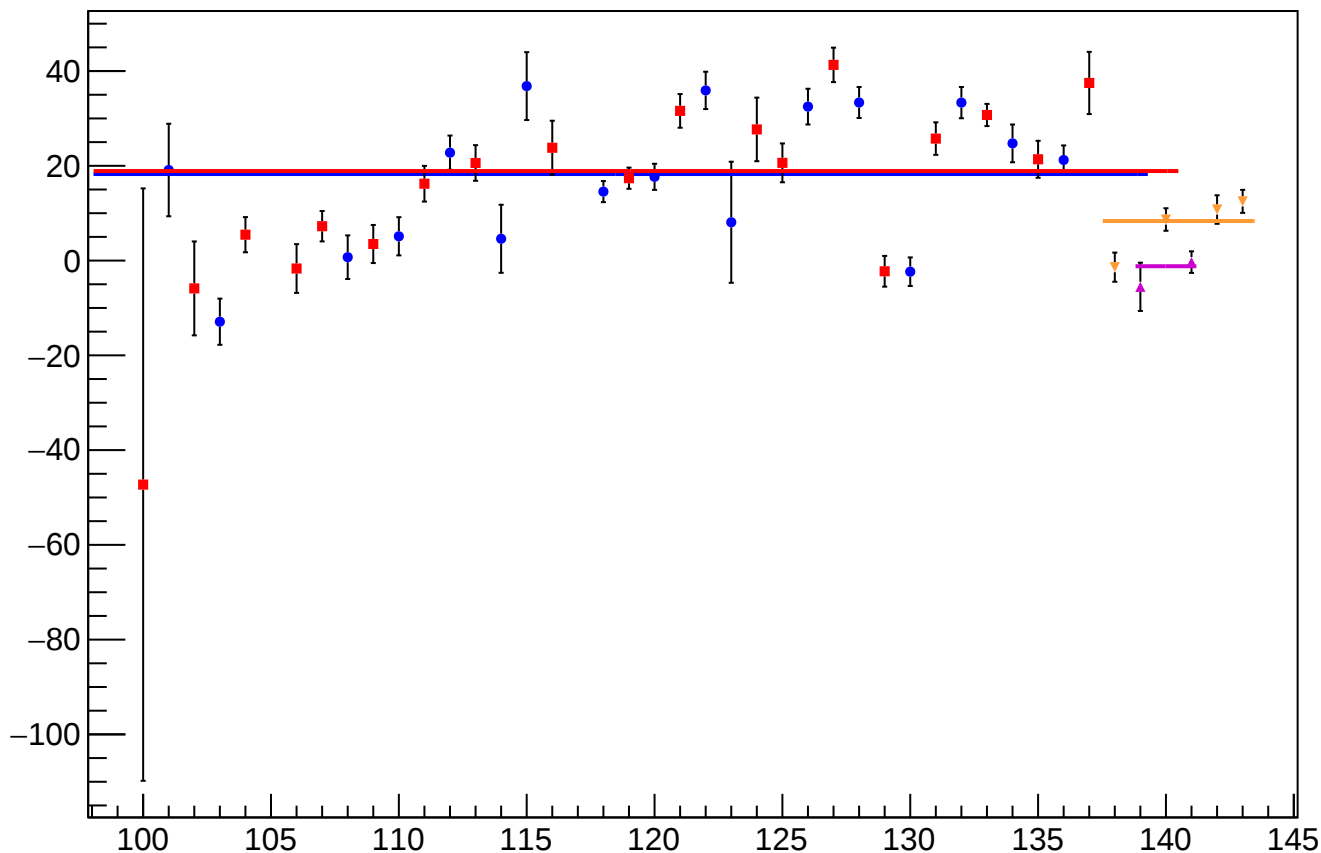
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.800+/-2.106 χ^2/NDF :14.7/1

Out: -77.859+/-1.652 χ^2/NDF :44.5/3

All: -78.979+/-1.300 χ^2/NDF : 60.4/5

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 8.350 ± 1.333 χ^2/NDF : 13.6/3

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: -1.192 ± 2.077 χ^2/NDF : 0.9/1

Left: 5.566 ± 1.122 χ^2/NDF : 29.4/5

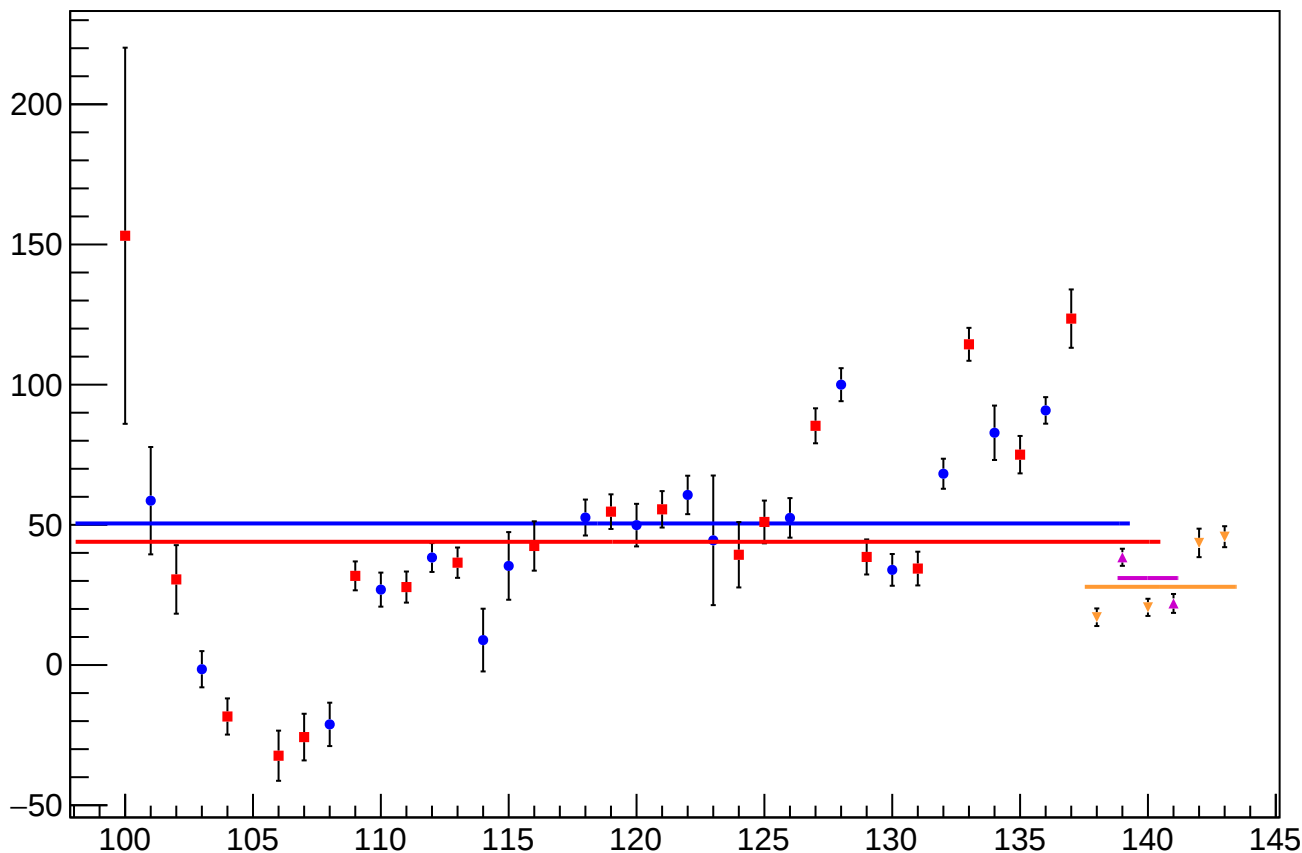
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 15.153 ± 0.831 χ^2/NDF : 282.9/18

Out: 15.776 ± 0.725 χ^2/NDF : 256.9/22

All: 15.507 ± 0.546 χ^2/NDF : 540.1/41

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: 27.901 $\pm$ 1.772 χ^2 /NDF:50.0/3

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: 29.090 $\pm$ 1.395 χ^2 /NDF: 64.3/5

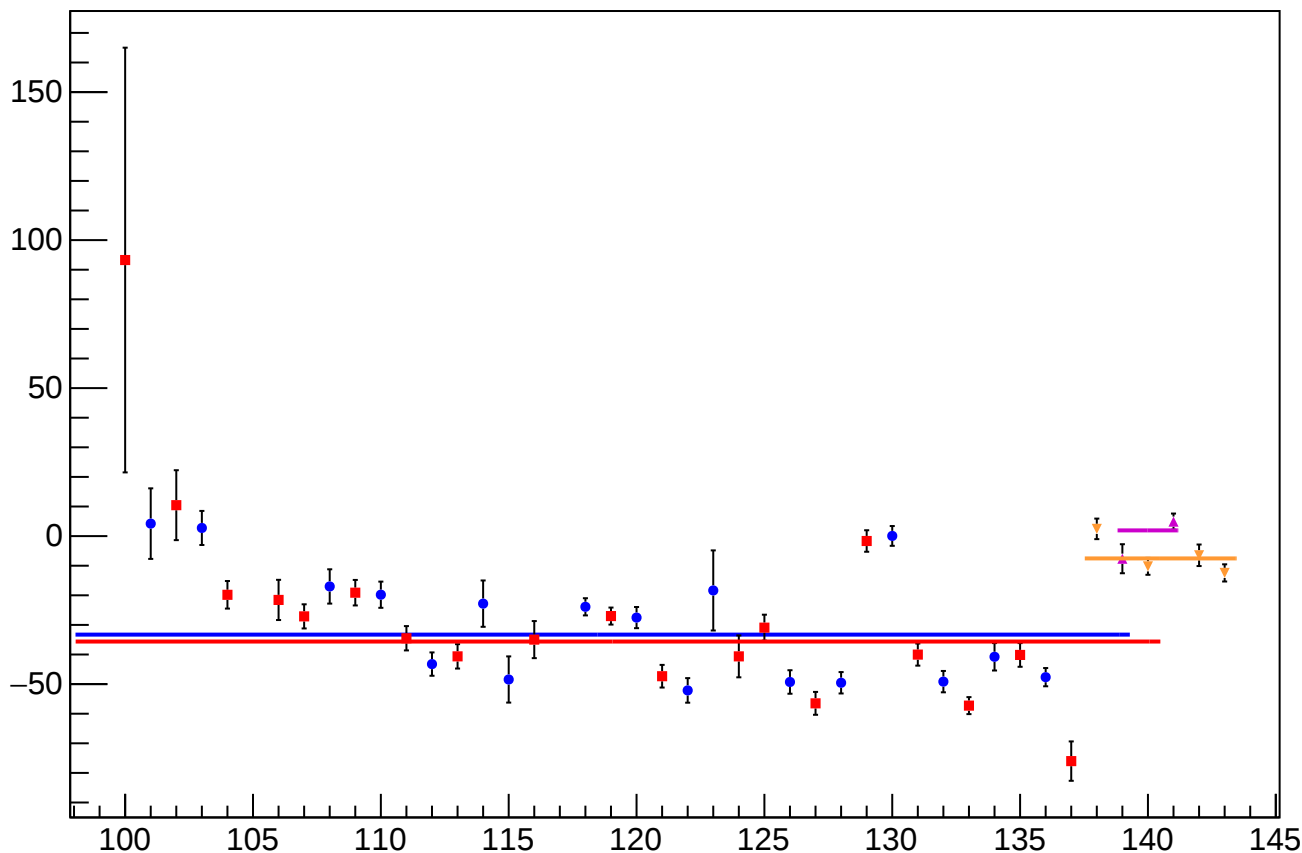
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 43.624 $\pm$ 1.344 χ^2 /NDF:424.2/18

Out: 36.729 $\pm$ 1.189 χ^2 /NDF:629.5/22

All: 39.755 $\pm$ 0.890 χ^2 /NDF: 1068.5/41

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -7.540 ± 1.581 $\chi^2/\text{NDF}: 12.1/3$

Right Out: -35.619 ± 0.993 $\chi^2/\text{NDF}: 287.8/18$

Left In: 1.931 ± 2.384 $\chi^2/\text{NDF}: 5.0/1$

Left: -4.647 ± 1.317 $\chi^2/\text{NDF}: 28.0/5$

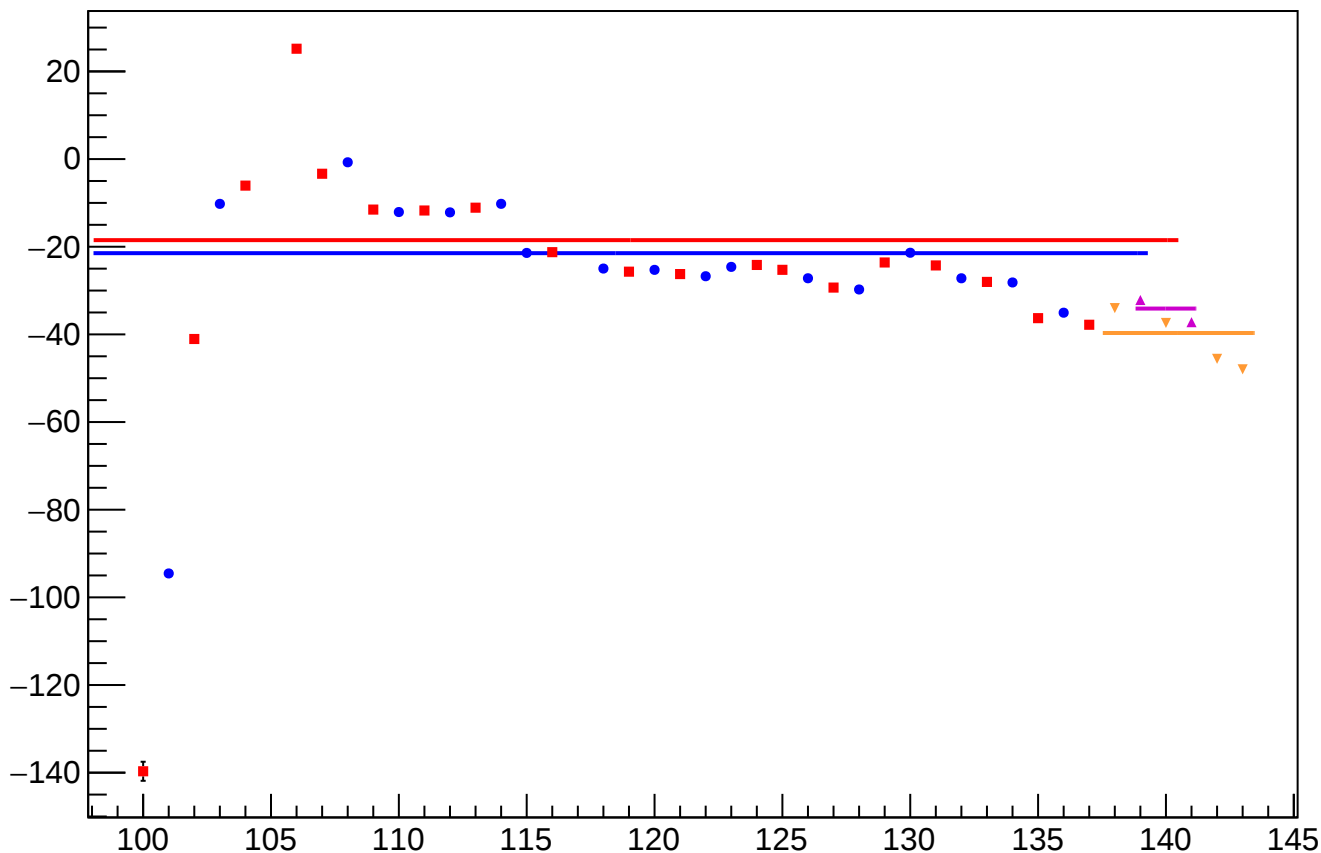
Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$

In: -27.697 ± 0.949 $\chi^2/\text{NDF}: 481.5/18$

Out: -27.680 ± 0.841 $\chi^2/\text{NDF}: 526.1/22$

All: -27.687 ± 0.629 $\chi^2/\text{NDF}: 1007.7/41$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -39.681+/-0.072 χ^2/NDF : 6336.9/3

Right Out: -18.496+/-0.057 χ^2/NDF : 80700.9/18

Left In: -34.108+/-0.084 χ^2/NDF : 853.0/1

Left: -37.322+/-0.055 χ^2/NDF : 9708.9/5

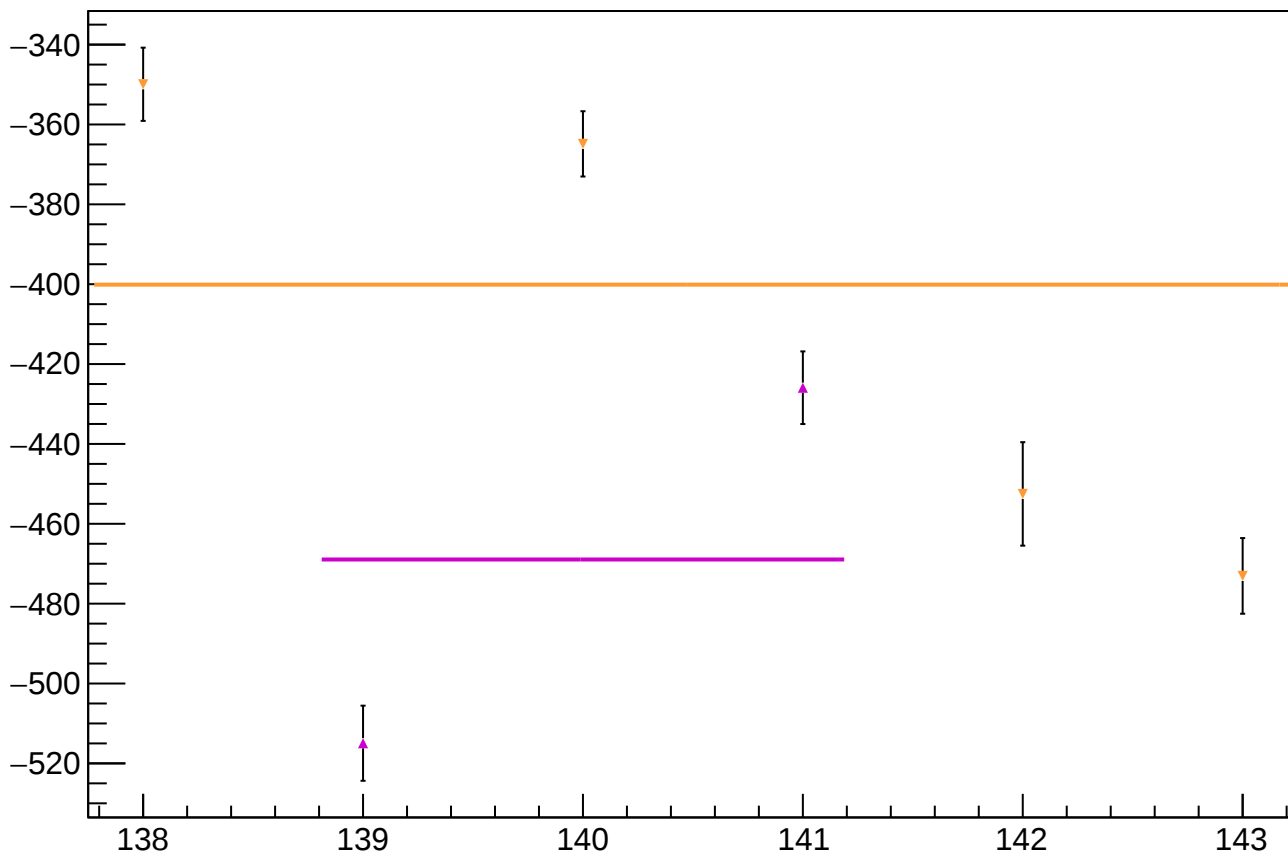
Right: -19.947+/-0.041 χ^2/NDF : 130991.7/35

In: -25.598+/-0.048 χ^2/NDF : 64959.7/18

Out: -26.689+/-0.045 χ^2/NDF : 139792.0/22

All: -26.182+/-0.033 χ^2/NDF : 205025.8/41

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -400.115+/-4.769 χ^2/NDF :124.2/3

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: -424.015+/-3.853 χ^2/NDF : 242.8/5

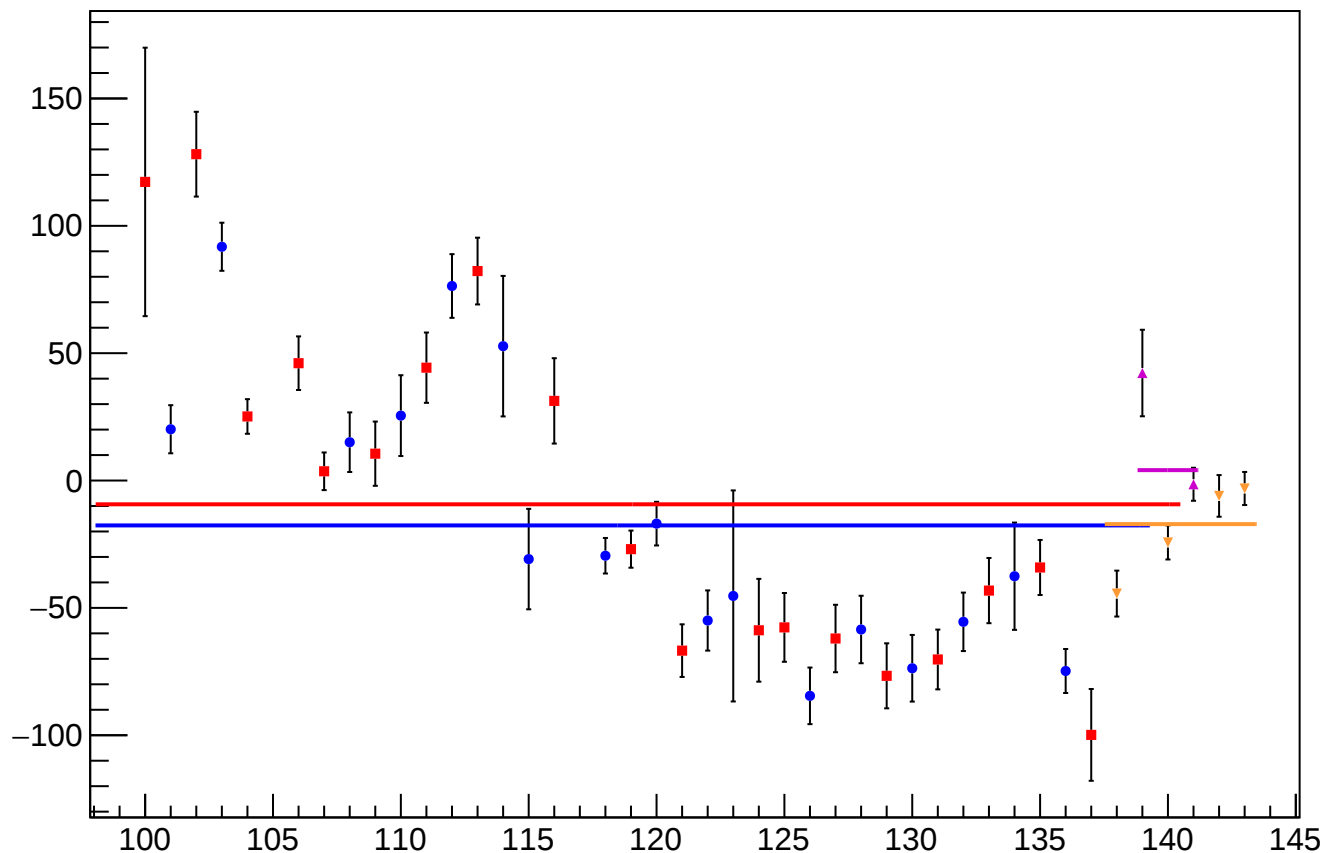
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -468.940+/-6.539 χ^2/NDF :46.3/1

Out: -400.115+/-4.769 χ^2/NDF :124.2/3

All: -424.015+/-3.853 χ^2/NDF : 242.8/5

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: -17.109 ± 3.693 χ^2/NDF : 16.8/3

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: 4.083 ± 6.053 χ^2/NDF : 5.8/1

Left: -11.360 ± 3.153 χ^2/NDF : 31.5/5

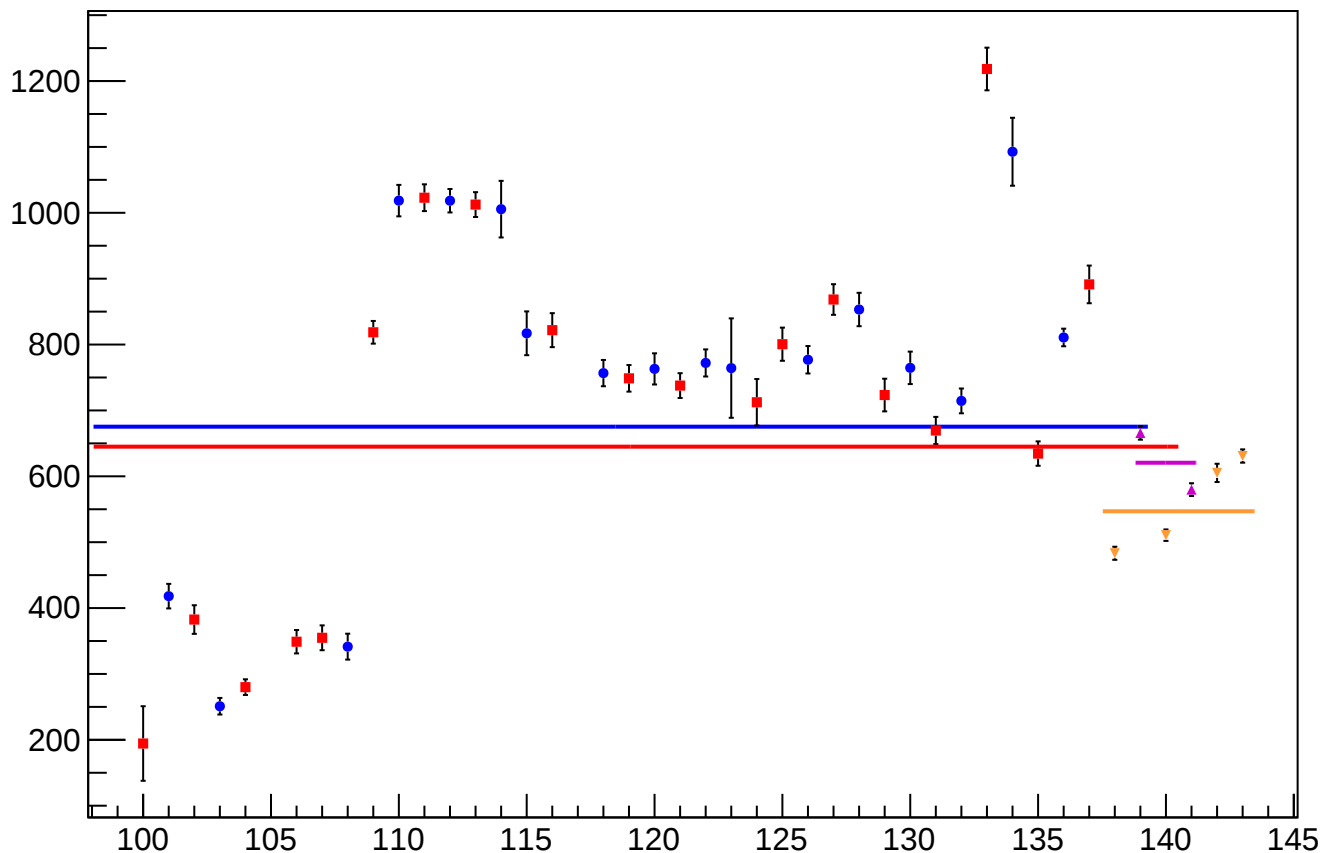
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: -13.824 ± 2.531 χ^2/NDF : 378.4/18

Out: -11.920 ± 2.131 χ^2/NDF : 386.2/22

All: -12.710 ± 1.630 χ^2/NDF : 764.9/41

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 546.942+/-5.107 χ^2/NDF :145.1/3

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: 572.478+/-4.128 χ^2/NDF : 254.7/5

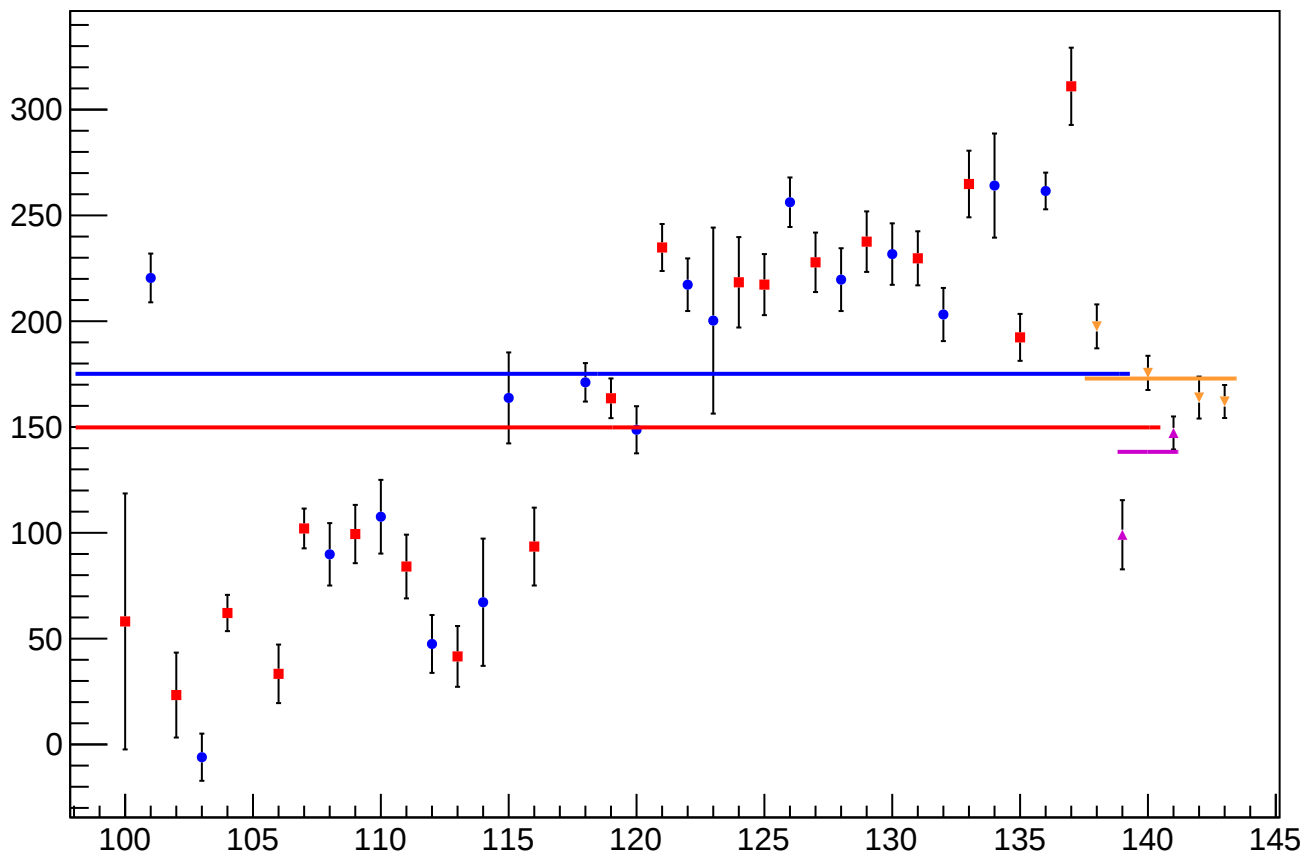
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 656.661+/-4.095 χ^2/NDF :2660.4/18

Out: 599.453+/-3.481 χ^2/NDF :3465.3/22

All: 623.451+/-2.653 χ^2/NDF : 6239.0/41

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: 172.910 $\pm$ 4.420 χ^2 /NDF: 8.5/3

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: 163.118 $\pm$ 3.744 χ^2 /NDF: 32.9/5

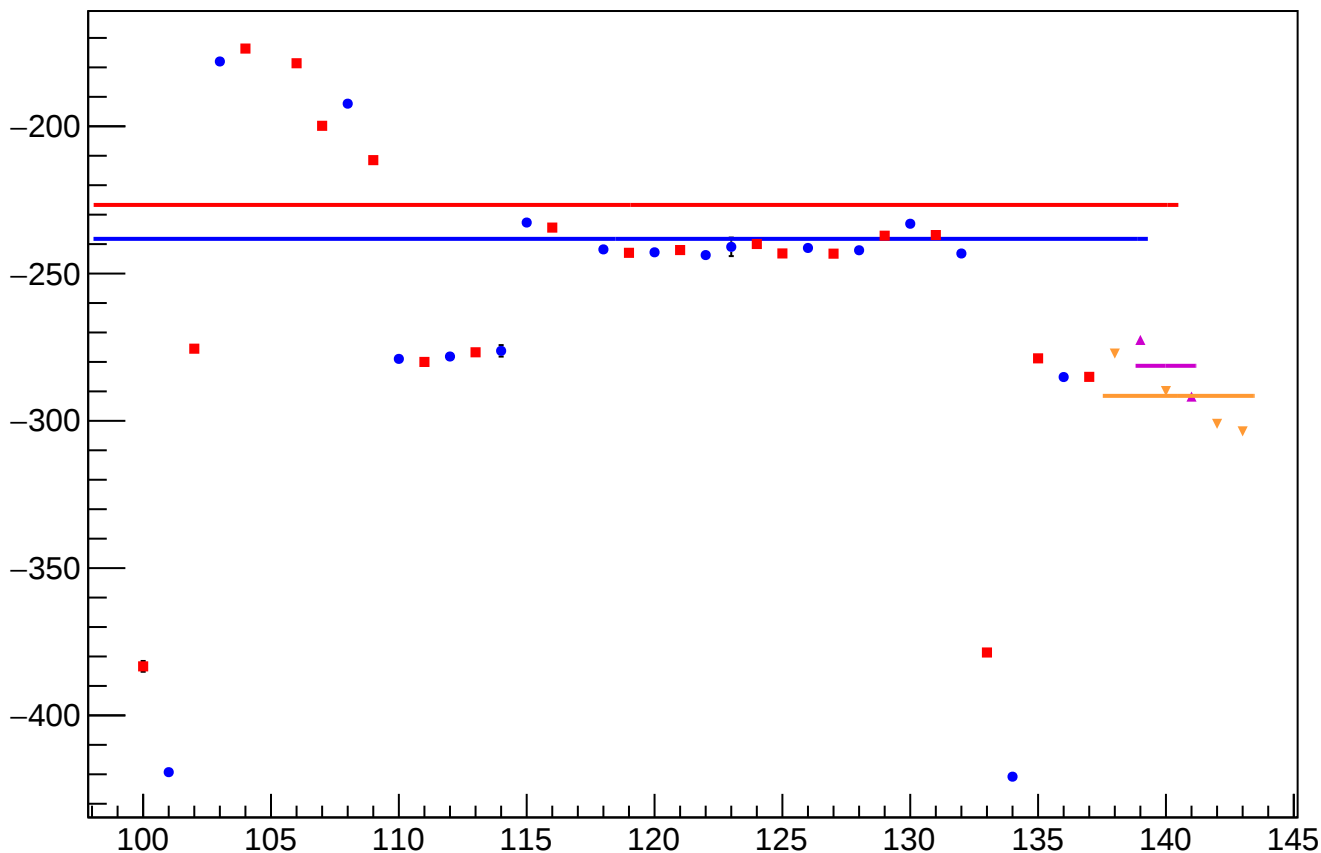
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 168.800 $\pm$ 2.920 χ^2 /NDF: 665.4/18

Out: 157.241 $\pm$ 2.506 χ^2 /NDF: 715.5/22

All: 162.142 $\pm$ 1.902 χ^2 /NDF: 1389.9/41

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2 /NDF: 167098.2/16

Left Out: -291.519+/-0.211 χ^2 /NDF:2502.6/3

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: -287.566+/-0.165 χ^2 /NDF: 4719.8/5

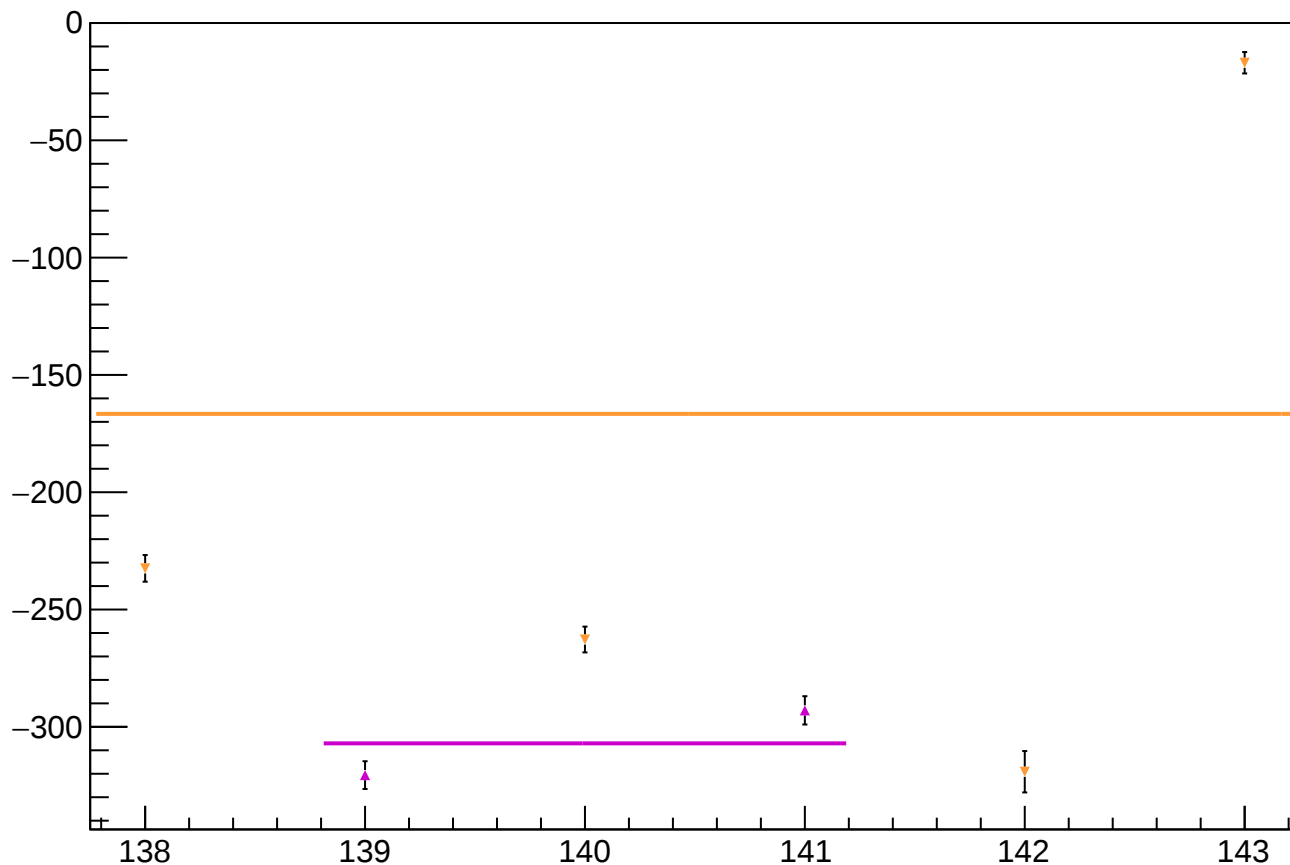
Right: -232.123+/-0.110 χ^2 /NDF: 272653.1/35

In: -249.740+/-0.137 χ^2 /NDF:187791.1/18

Out: -248.704+/-0.123 χ^2 /NDF:167839.9/22

All: -249.165+/-0.091 χ^2 /NDF: 355662.7/41

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -166.605+/-2.828 χ^2/NDF :1815.7/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -307.040+/-4.223 χ^2/NDF :10.7/1

Left: -210.091+/-2.350 χ^2/NDF : 2589.7/5

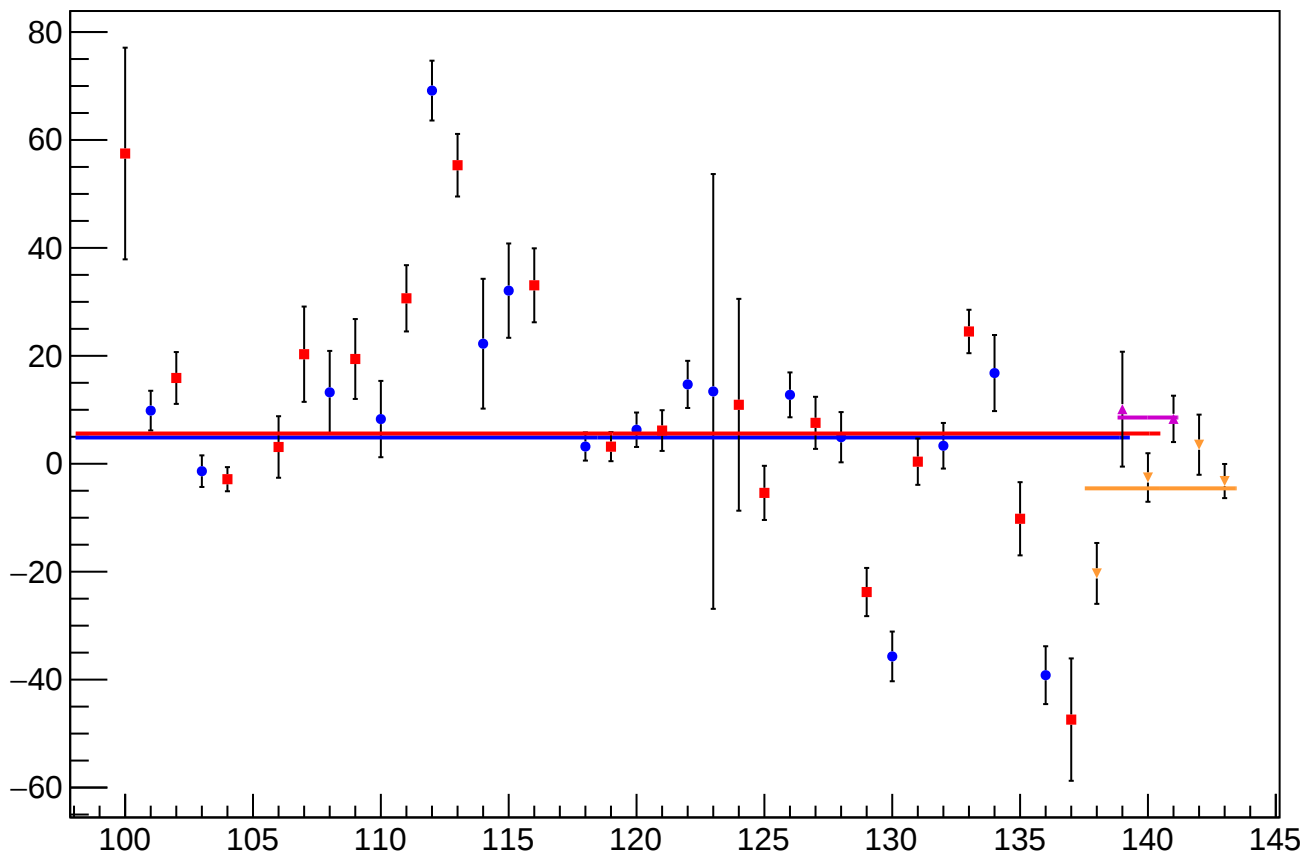
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -307.040+/-4.223 χ^2/NDF :10.7/1

Out: -166.605+/-2.828 χ^2/NDF :1815.7/3

All: -210.091+/-2.350 χ^2/NDF : 2589.7/5

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: -4.558 ± 2.167 χ^2/NDF : 10.3/3

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: -1.561 ± 1.903 χ^2/NDF : 18.7/5

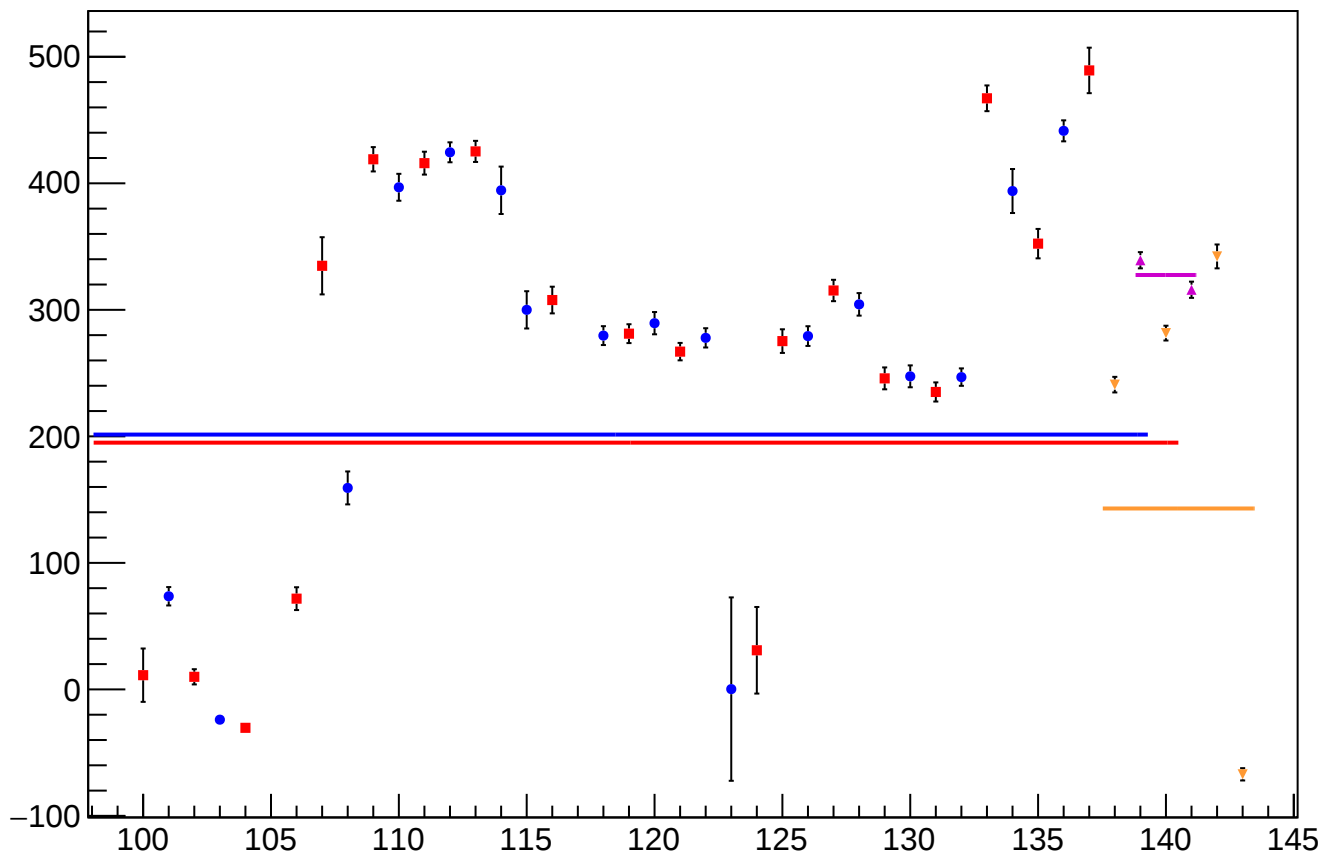
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 5.128 ± 1.052 χ^2/NDF : 312.4/18

Out: 3.614 ± 0.959 χ^2/NDF : 266.6/22

All: 4.301 ± 0.709 χ^2/NDF : 580.1/41

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: 142.989 $\pm$ 3.029 χ^2 /NDF:3122.8/3

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: 199.966 $\pm$ 2.518 χ^2 /NDF: 4275.7/5

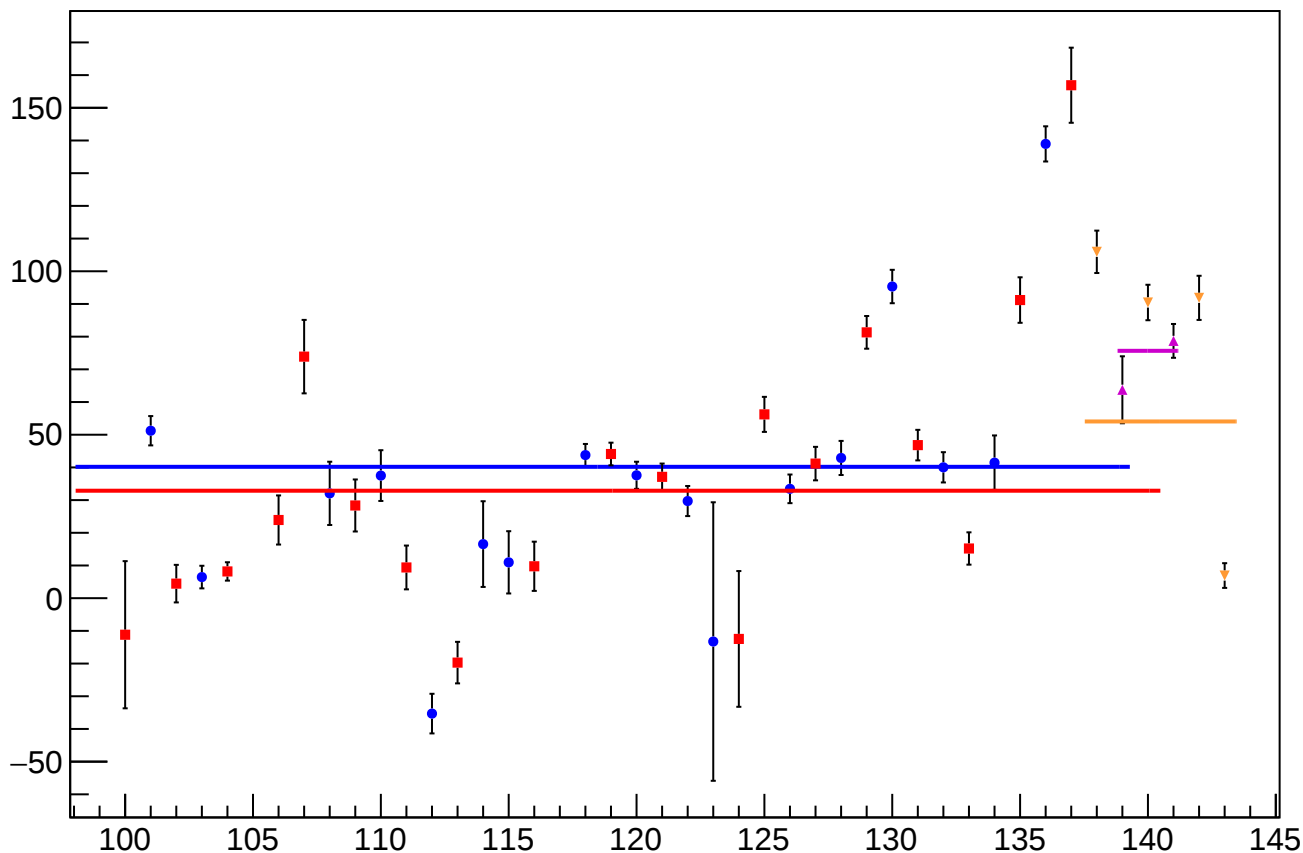
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 221.515 $\pm$ 1.810 χ^2 /NDF:7398.2/18

Out: 180.072 $\pm$ 1.624 χ^2 /NDF:11587.8/22

All: 198.555 $\pm$ 1.208 χ^2 /NDF: 19276.6/41

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 54.055+/-2.584 χ^2/NDF : 295.9/3

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 75.664+/-4.618 χ^2/NDF : 1.7/1

Left: 59.208+/-2.255 χ^2/NDF : 314.3/5

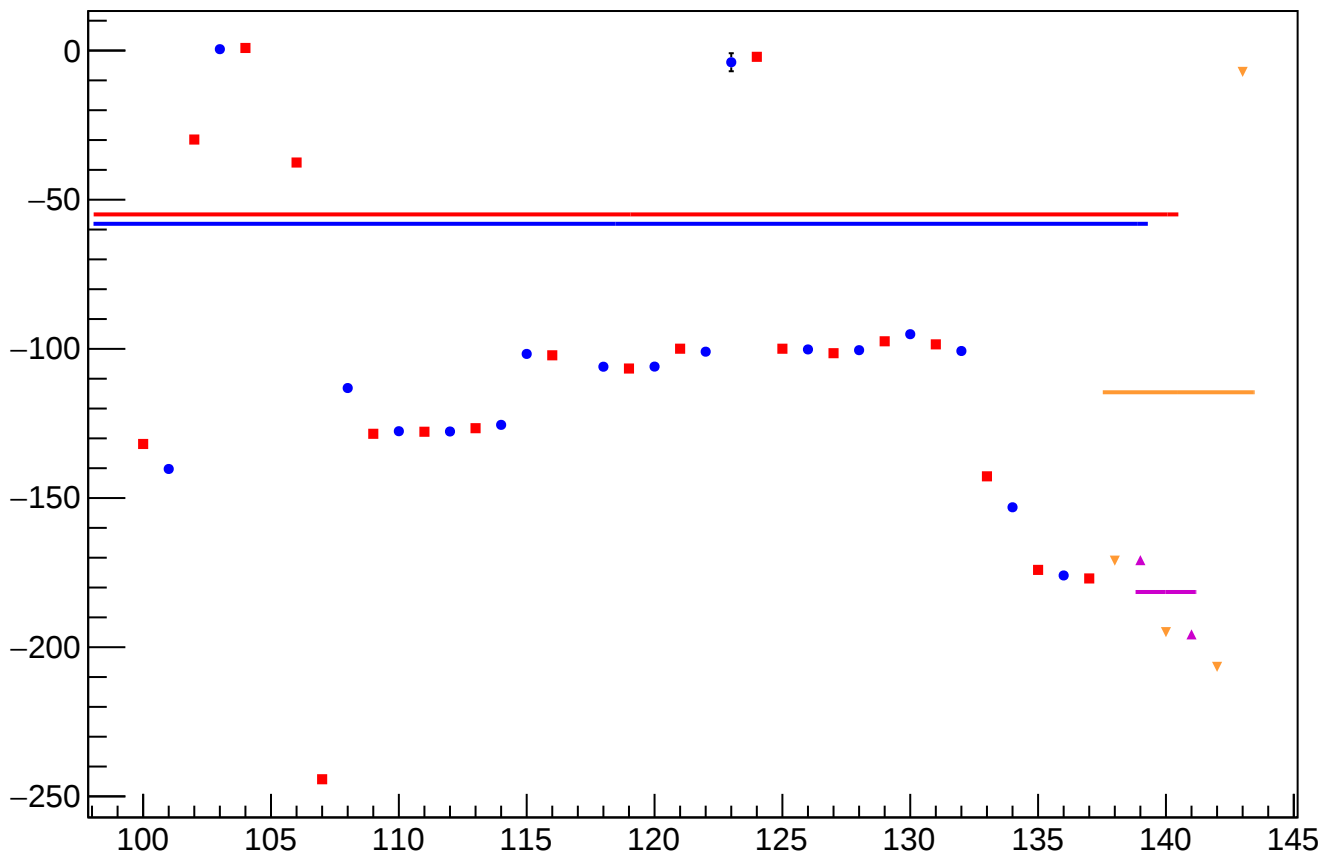
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 42.677+/-1.224 χ^2/NDF : 790.6/18

Out: 36.893+/-1.126 χ^2/NDF : 901.4/22

All: 39.543+/-0.829 χ^2/NDF : 1704.1/41

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: -114.548+/-0.124 χ^2/NDF : 513309.5/3

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: -137.711+/-0.100 χ^2/NDF : 619661.0/5

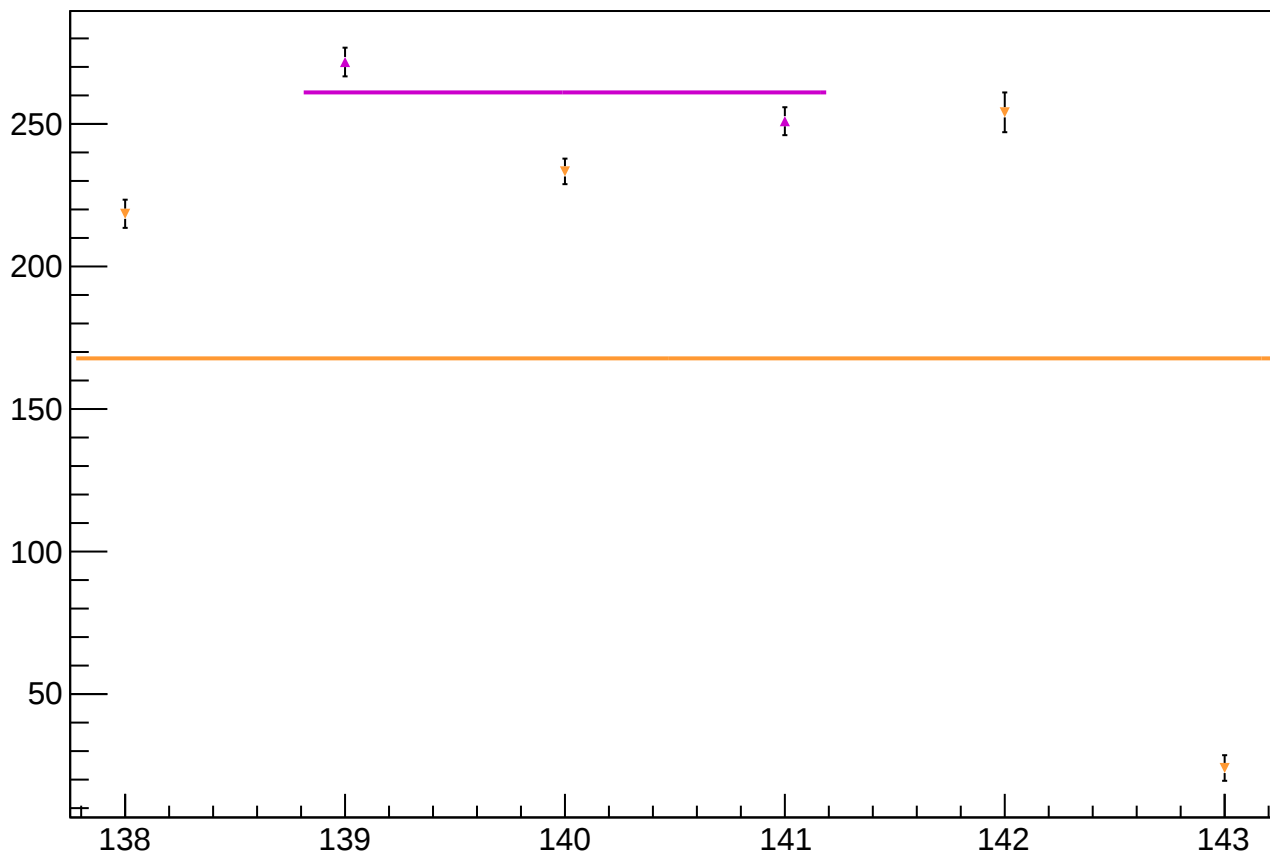
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -72.372+/-0.058 χ^2/NDF : 1574293.2/18

Out: -66.326+/-0.054 χ^2/NDF : 1704699.7/22

All: -69.144+/-0.040 χ^2/NDF : 3284805.1/41

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: 167.762+/-2.493 χ^2/NDF :1496.5/3

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: 199.037+/-2.032 χ^2/NDF : 1974.8/5

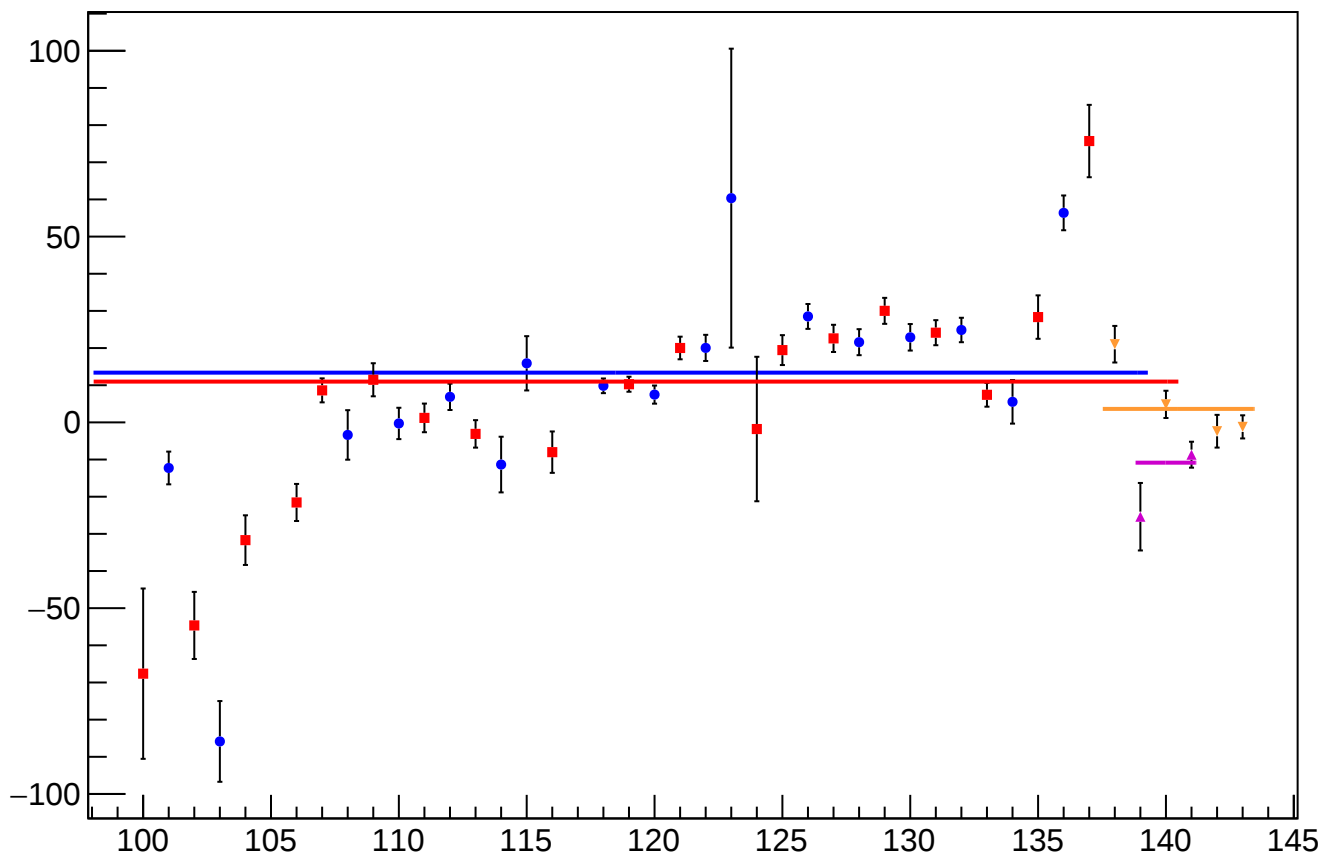
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 261.055+/-3.510 χ^2/NDF :8.7/1

Out: 167.762+/-2.493 χ^2/NDF :1496.5/3

All: 199.037+/-2.032 χ^2/NDF : 1974.8/5

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 3.628 ± 1.923 $\chi^2/\text{NDF}: 16.9/3$

Right Out: 10.975 ± 0.915 $\chi^2/\text{NDF}: 304.0/18$

Left In: -10.844 ± 3.258 $\chi^2/\text{NDF}: 2.9/1$

Left: -0.112 ± 1.656 $\chi^2/\text{NDF}: 34.5/5$

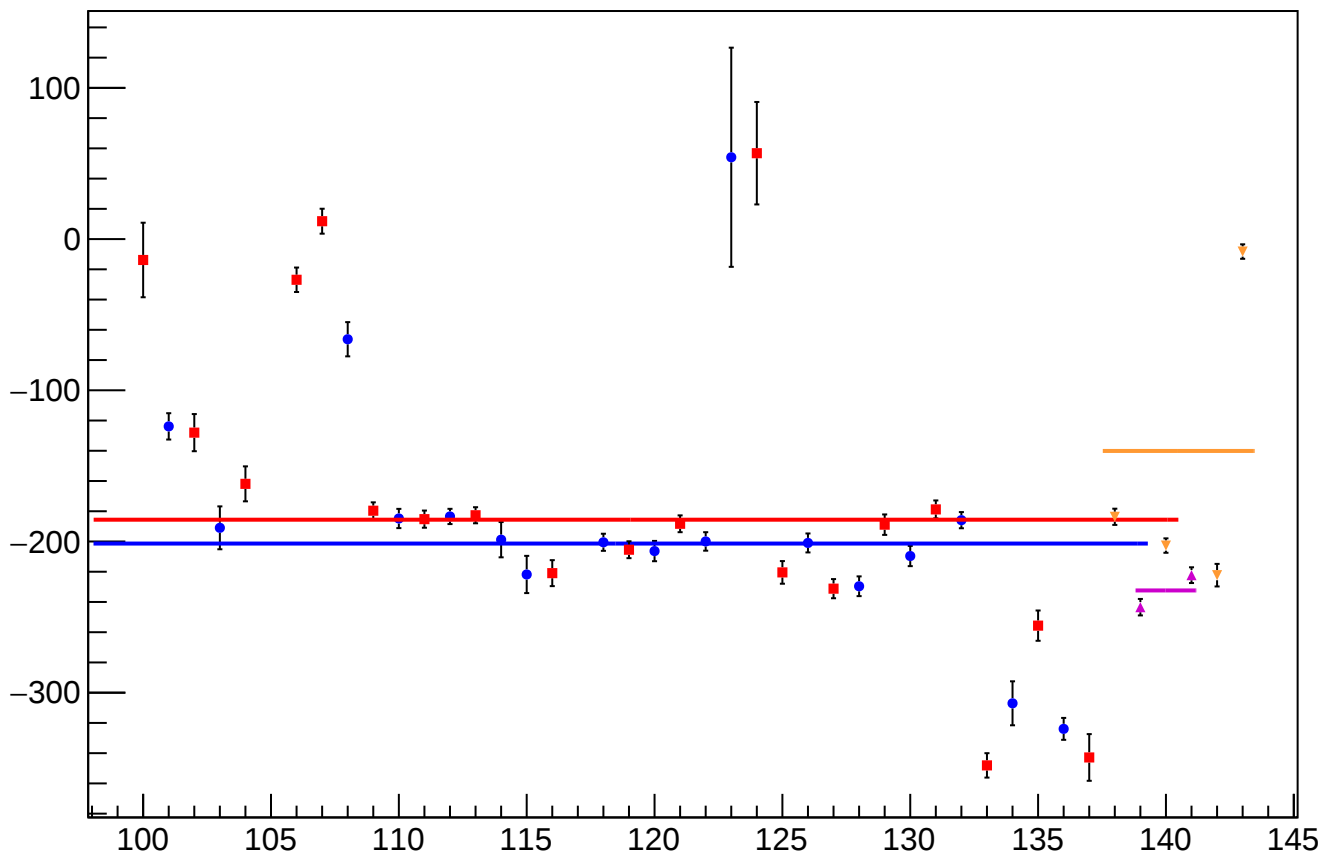
Right: 12.172 ± 0.649 $\chi^2/\text{NDF}: 601.5/35$

In: 11.592 ± 0.886 $\chi^2/\text{NDF}: 348.2/18$

Out: 9.620 ± 0.826 $\chi^2/\text{NDF}: 332.8/22$

All: 10.537 ± 0.604 $\chi^2/\text{NDF}: 683.7/41$

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: -140.119 ± 2.670 χ^2/NDF : 1117.0/3

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: -170.991 ± 2.178 χ^2/NDF : 1524.6/5

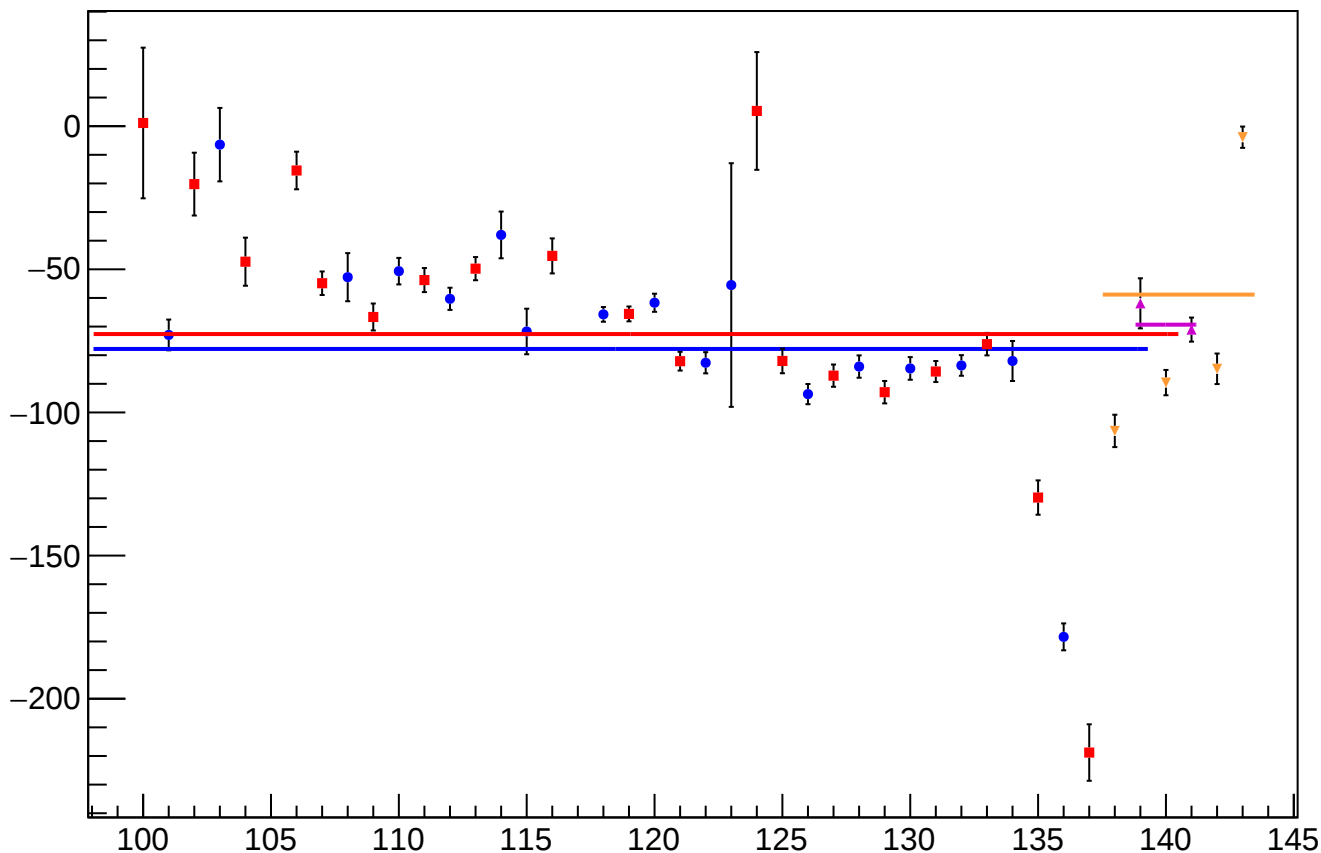
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -207.052 ± 1.612 χ^2/NDF : 688.3/18

Out: -172.478 ± 1.434 χ^2/NDF : 3071.7/22

All: -187.748 ± 1.071 χ^2/NDF : 4016.9/41

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: -58.829 ± 2.295 χ^2/NDF : 361.3/3

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: -61.651 ± 1.963 χ^2/NDF : 367.8/5

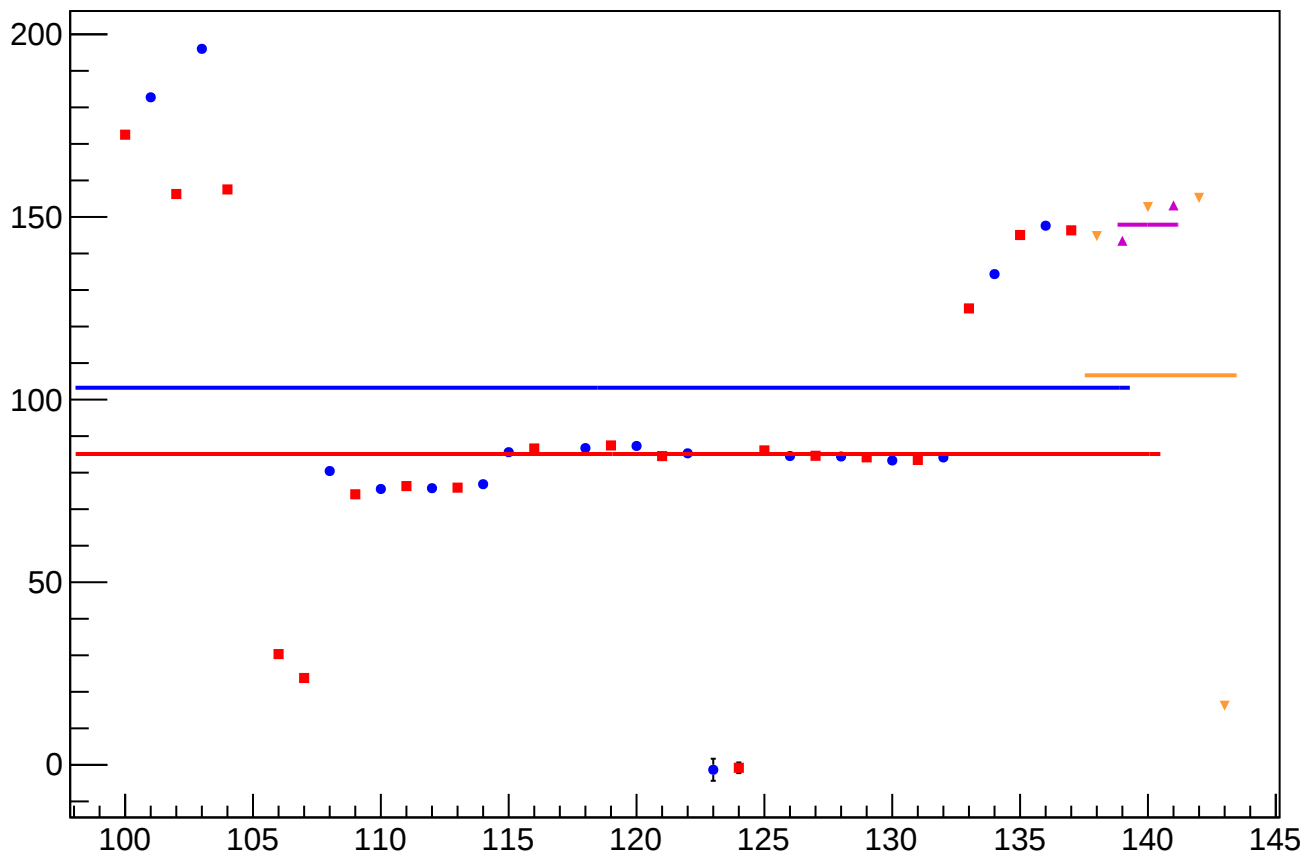
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.194 ± 1.028 χ^2/NDF : 661.9/18

Out: -70.219 ± 0.957 χ^2/NDF : 998.0/22

All: -73.457 ± 0.700 χ^2/NDF : 1684.5/41

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: 106.655 $\pm$ 0.109 χ^2 /NDF: 328684.0/3

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: 122.016 $\pm$ 0.087 χ^2 /NDF: 382658.8/5

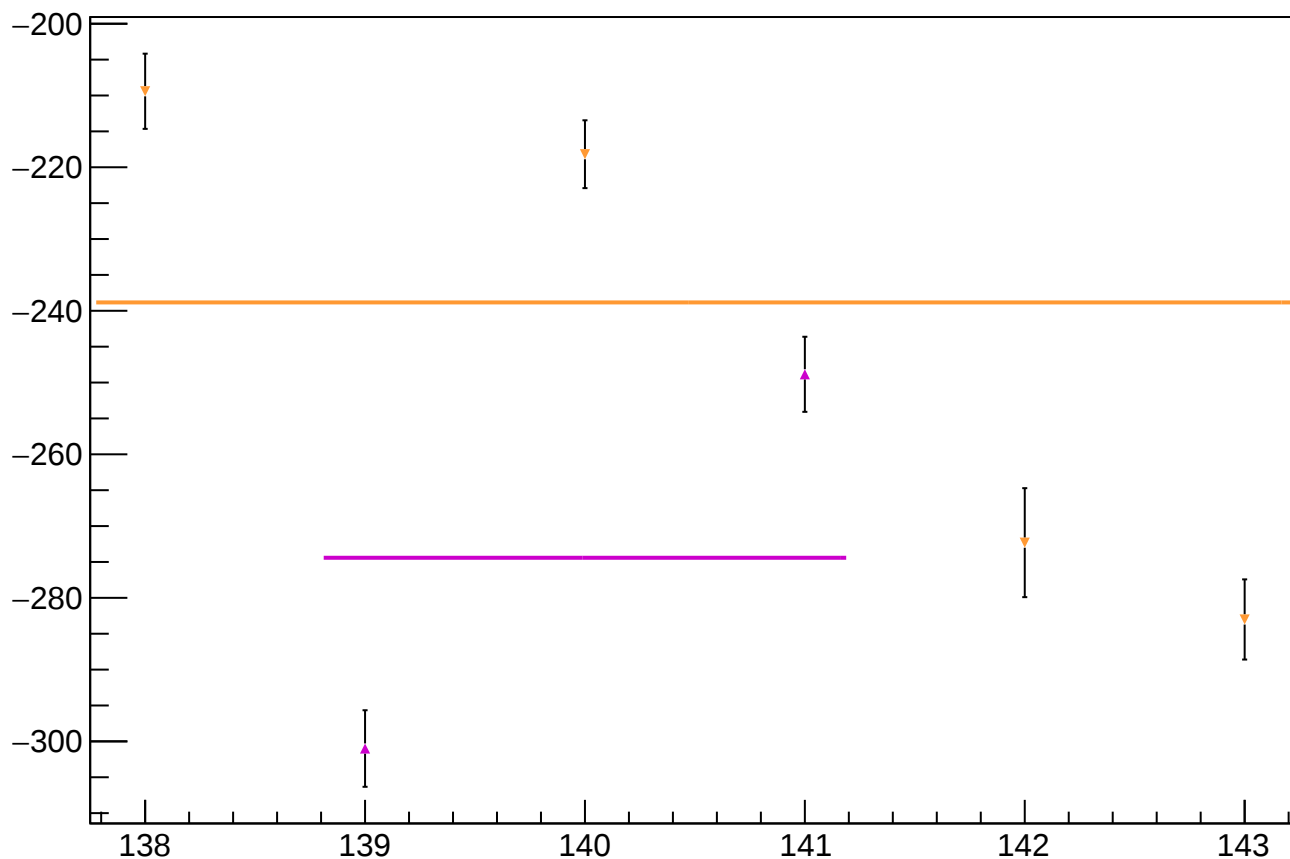
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 112.057 $\pm$ 0.063 χ^2 /NDF: 353750.6/18

Out: 90.556 $\pm$ 0.055 χ^2 /NDF: 781148.9/22

All: 99.847 $\pm$ 0.041 χ^2 /NDF: 1200784.8/41

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: -238.834+/-2.767 χ^2/NDF :132.6/3

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: -251.444+/-2.223 χ^2/NDF : 240.0/5

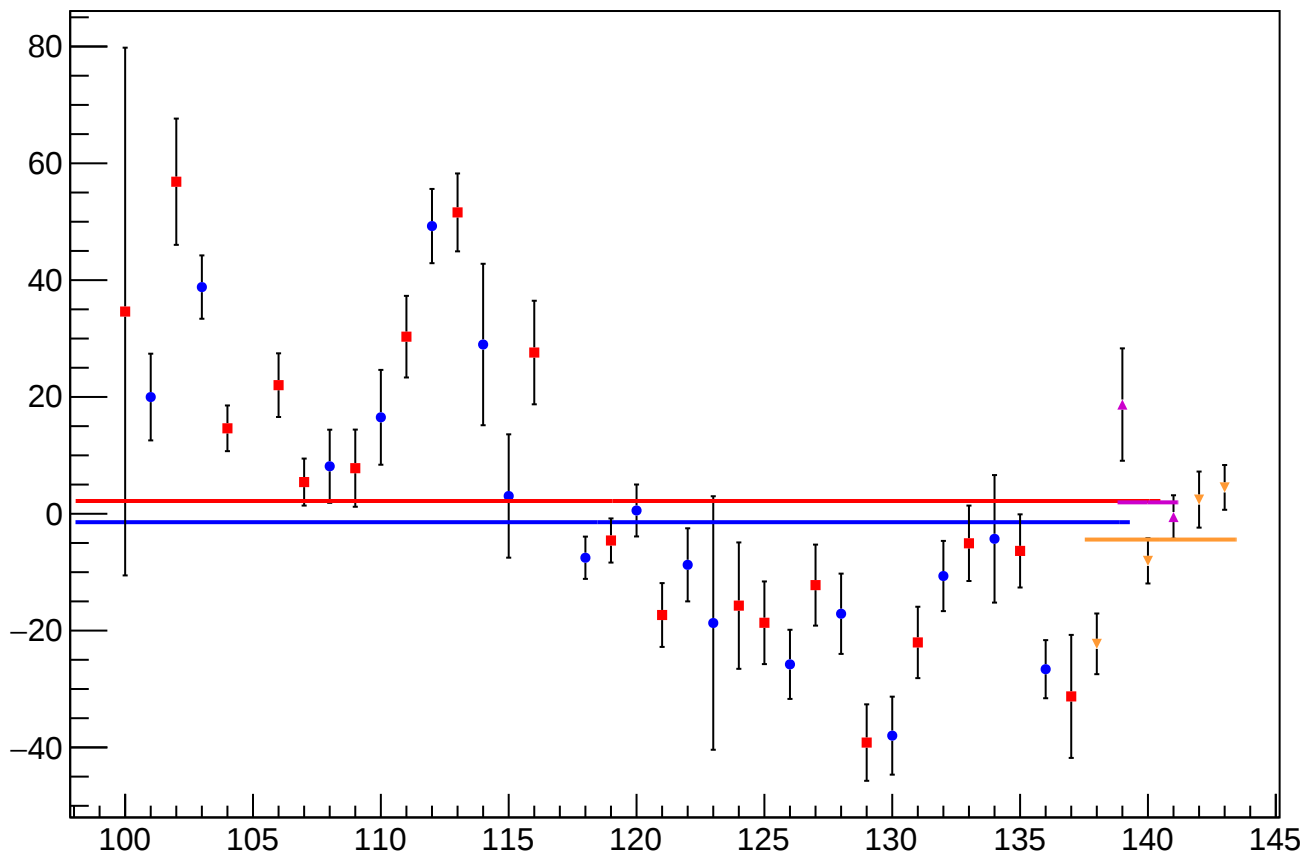
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.416+/-3.735 χ^2/NDF :48.7/1

Out: -238.834+/-2.767 χ^2/NDF :132.6/3

All: -251.444+/-2.223 χ^2/NDF : 240.0/5

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: -4.414 ± 2.155 $\chi^2/\text{NDF}: 20.2/3$

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: -2.645 ± 1.832 $\chi^2/\text{NDF}: 26.1/5$

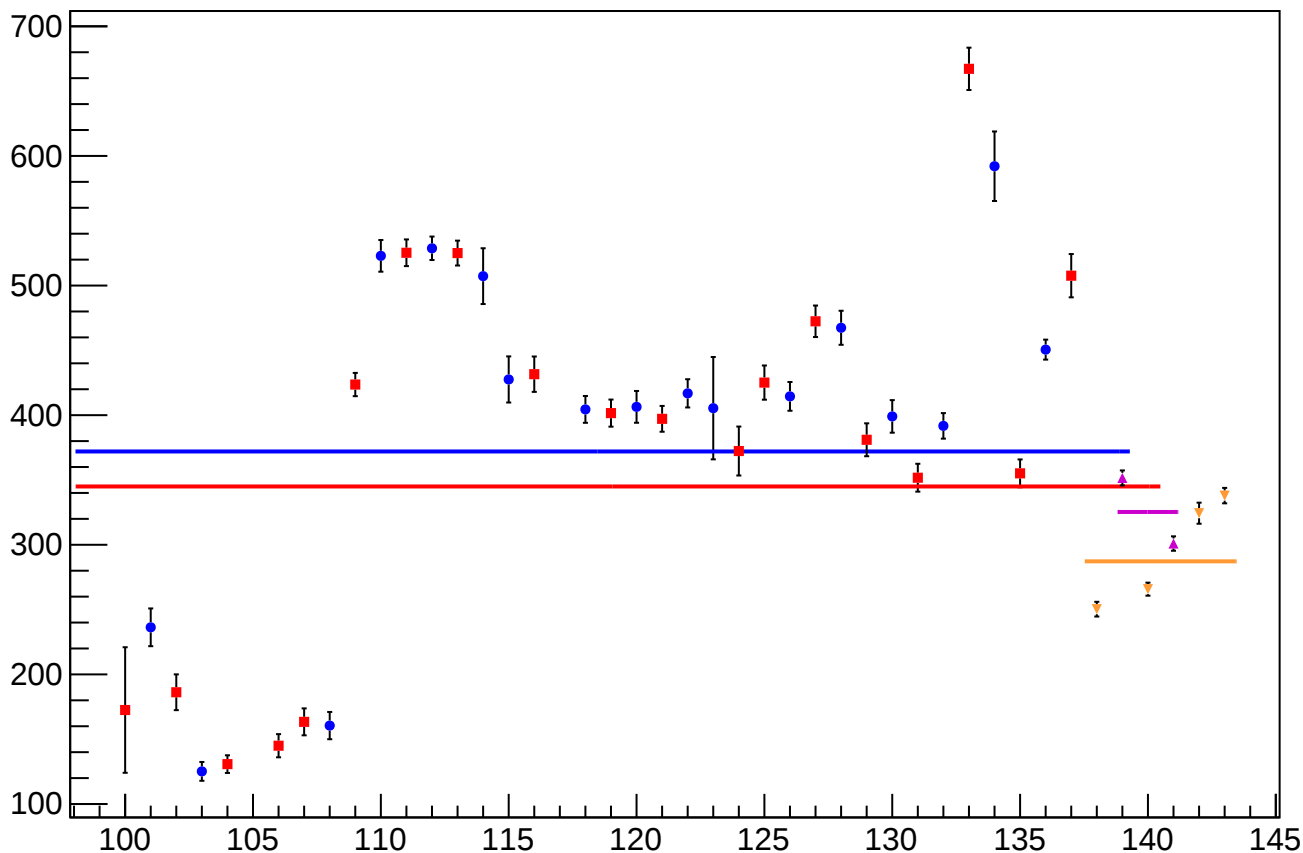
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: -0.897 ± 1.390 $\chi^2/\text{NDF}: 228.7/18$

Out: 0.228 ± 1.174 $\chi^2/\text{NDF}: 257.4/22$

All: -0.241 ± 0.897 $\chi^2/\text{NDF}: 486.5/41$

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: 287.228 $\pm$ 2.964 χ^2 /NDF:153.8/3

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: 300.704 $\pm$ 2.383 χ^2 /NDF: 252.2/5

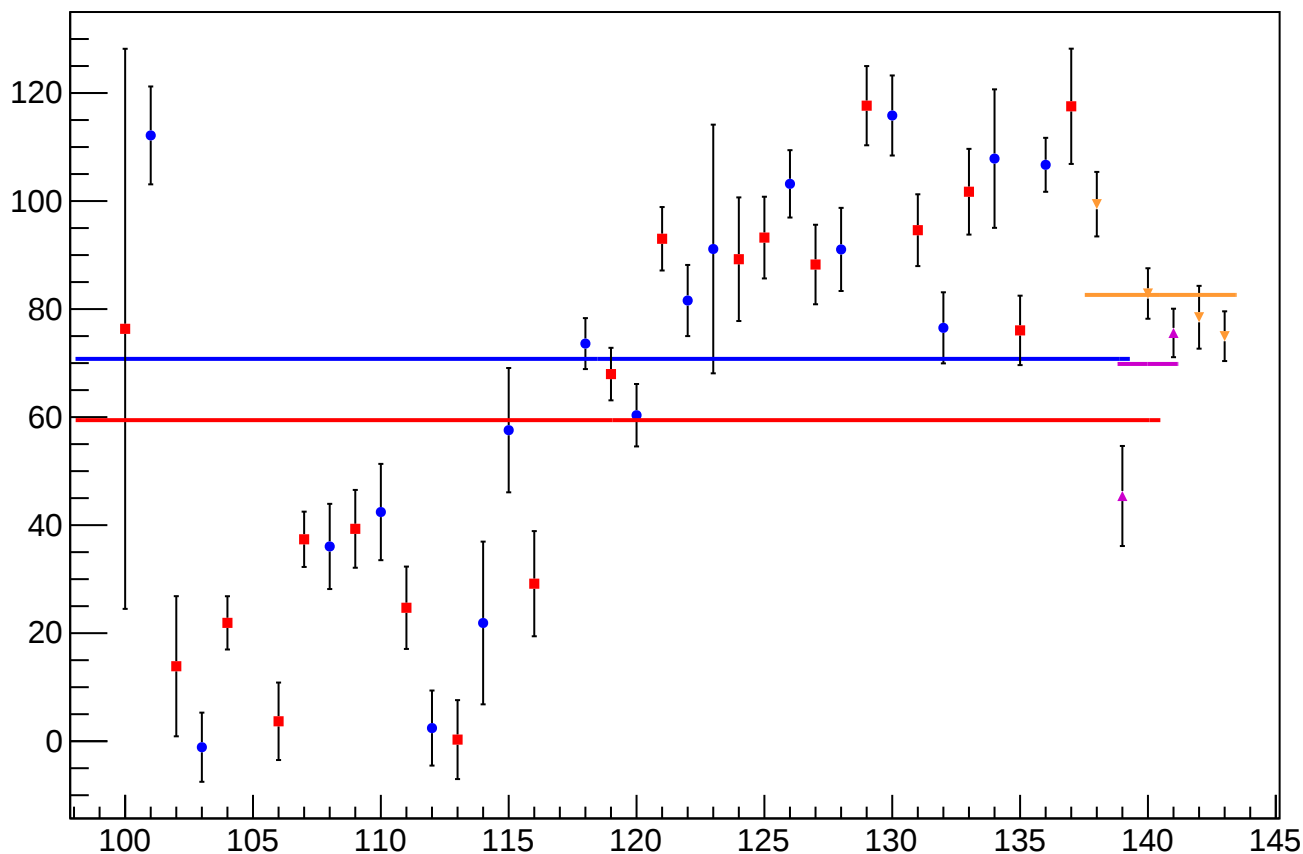
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 356.934 $\pm$ 2.275 χ^2 /NDF:2563.1/18

Out: 320.301 $\pm$ 1.938 χ^2 /NDF:3785.7/22

All: 335.701 $\pm$ 1.475 χ^2 /NDF: 6499.0/41

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: 82.624 $\pm$ 2.577 χ^2 /NDF:11.2/3

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: 78.925 $\pm$ 2.173 χ^2 /NDF: 26.9/5

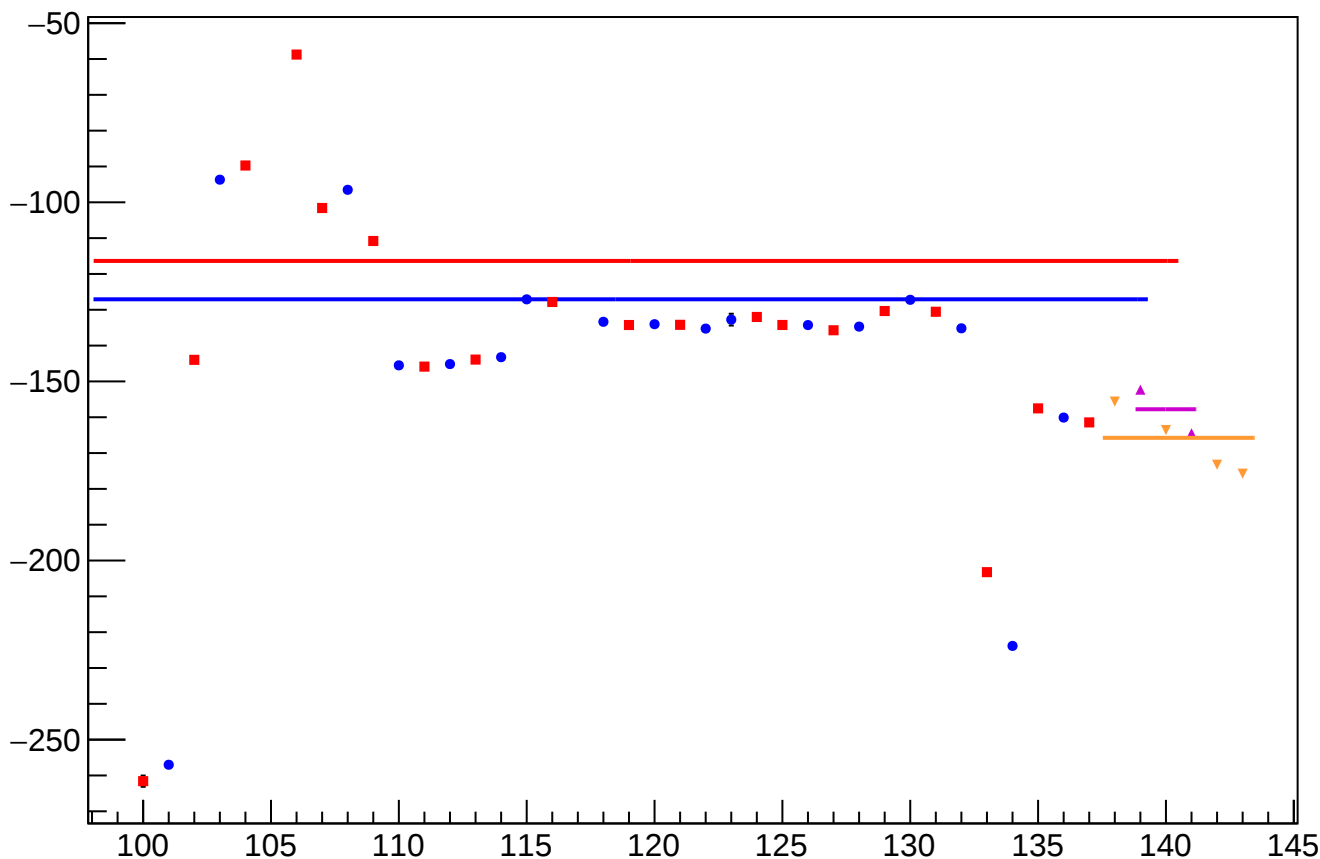
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 70.633 $\pm$ 1.603 χ^2 /NDF:432.6/18

Out: 66.070 $\pm$ 1.378 χ^2 /NDF:555.7/22

All: 68.009 $\pm$ 1.045 χ^2 /NDF: 992.9/41

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: -165.747+/-0.122 χ^2/NDF : 4374.2/3

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: -162.593+/-0.095 χ^2/NDF : 7663.4/5

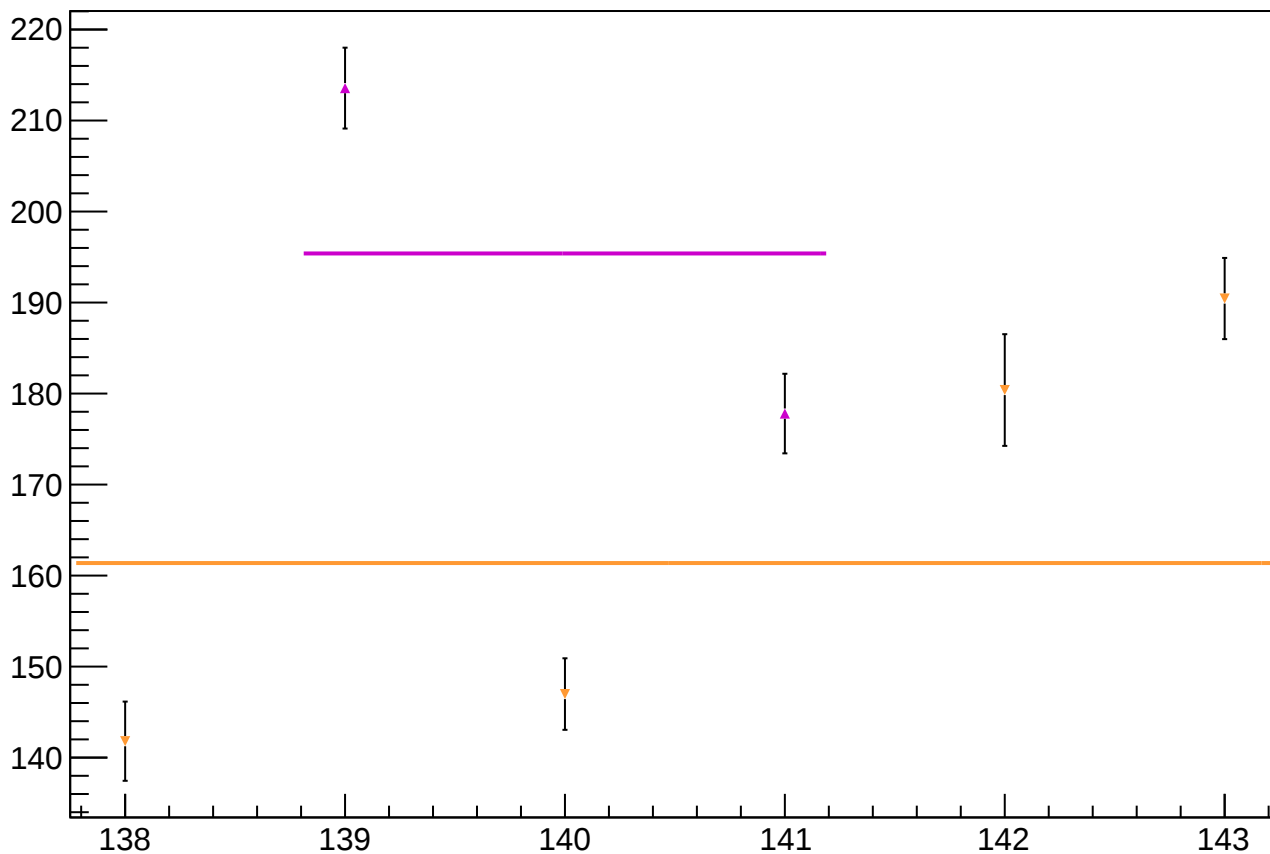
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -135.052+/-0.077 χ^2/NDF : 199176.5/18

Out: -131.929+/-0.069 χ^2/NDF : 283768.2/22

All: -133.311+/-0.051 χ^2/NDF : 483861.0/41

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: 161.377+/-2.268 χ^2/NDF :85.7/3

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: 173.158+/-1.834 χ^2/NDF : 196.5/5

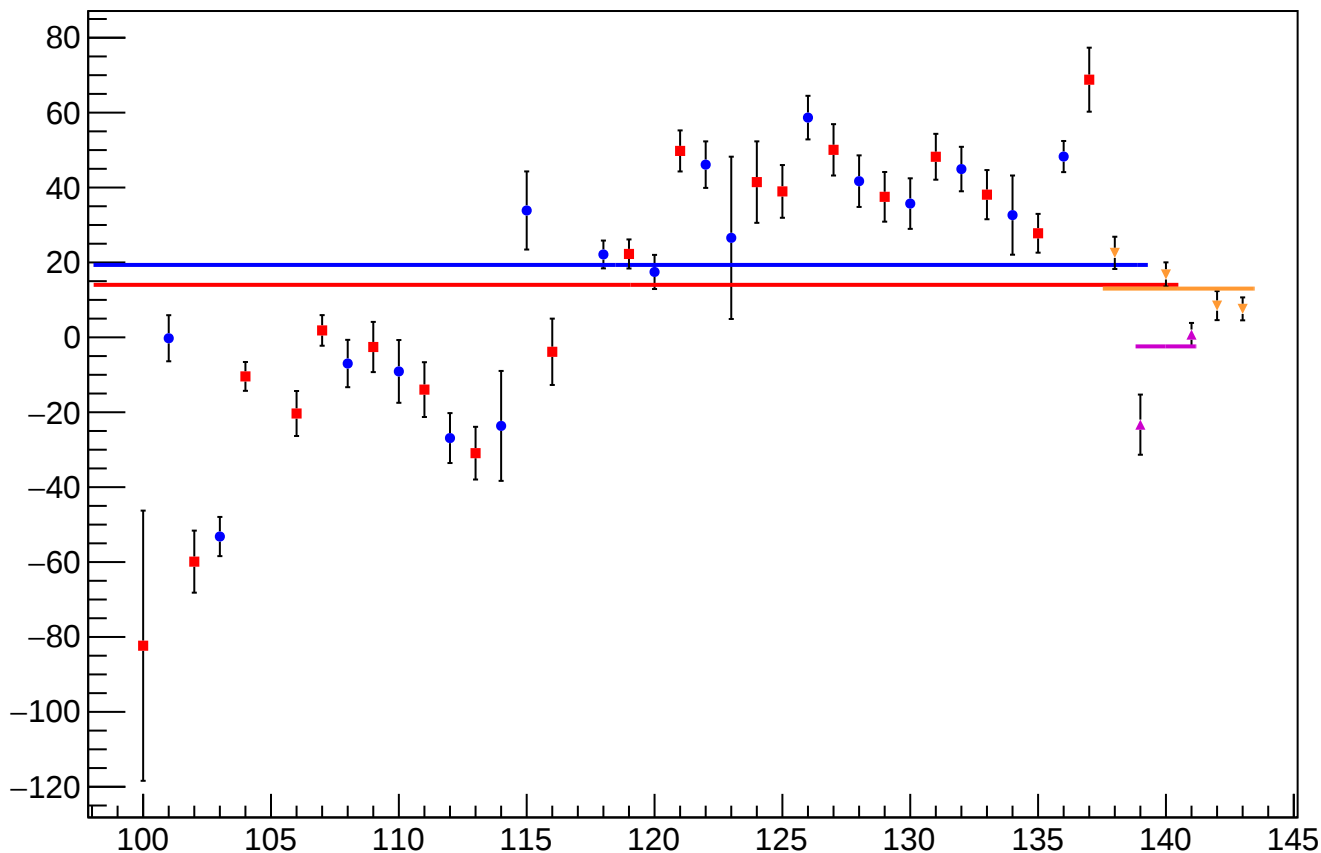
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.394+/-3.116 χ^2/NDF :32.9/1

Out: 161.377+/-2.268 χ^2/NDF :85.7/3

All: 173.158+/-1.834 χ^2/NDF : 196.5/5

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: 13.015+/-1.759 χ^2/NDF : 10.8/3

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: 8.879+/-1.505 χ^2/NDF : 39.2/5

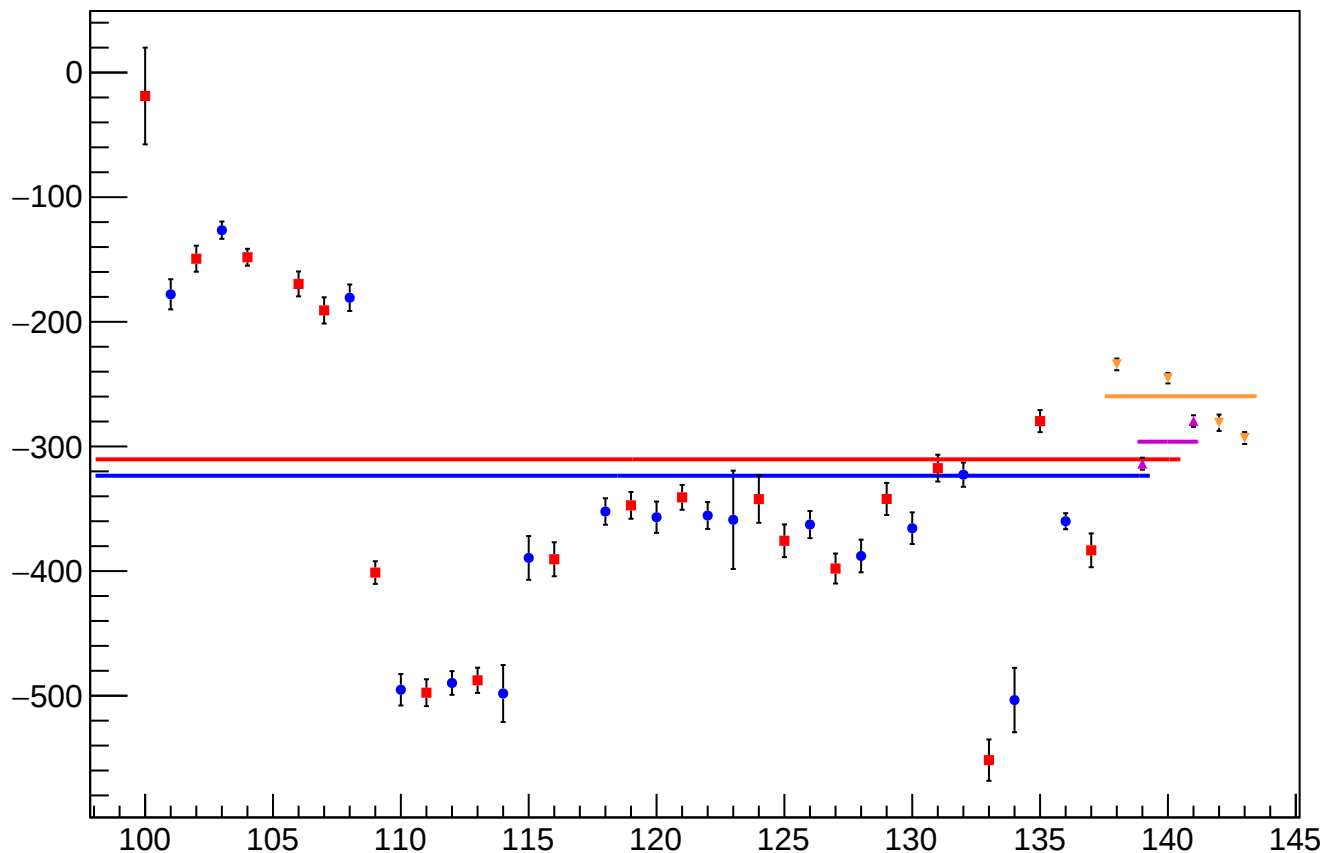
Right: 16.507+/-1.014 χ^2/NDF : 879.9/35

In: 14.847+/-1.320 χ^2/NDF : 492.1/18

Out: 13.633+/-1.091 χ^2/NDF : 444.2/22

All: 14.125+/-0.841 χ^2/NDF : 936.8/41

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: -259.716 ± 2.430 χ^2/NDF : 101.4/3

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: -272.321 ± 1.965 χ^2/NDF : 205.4/5

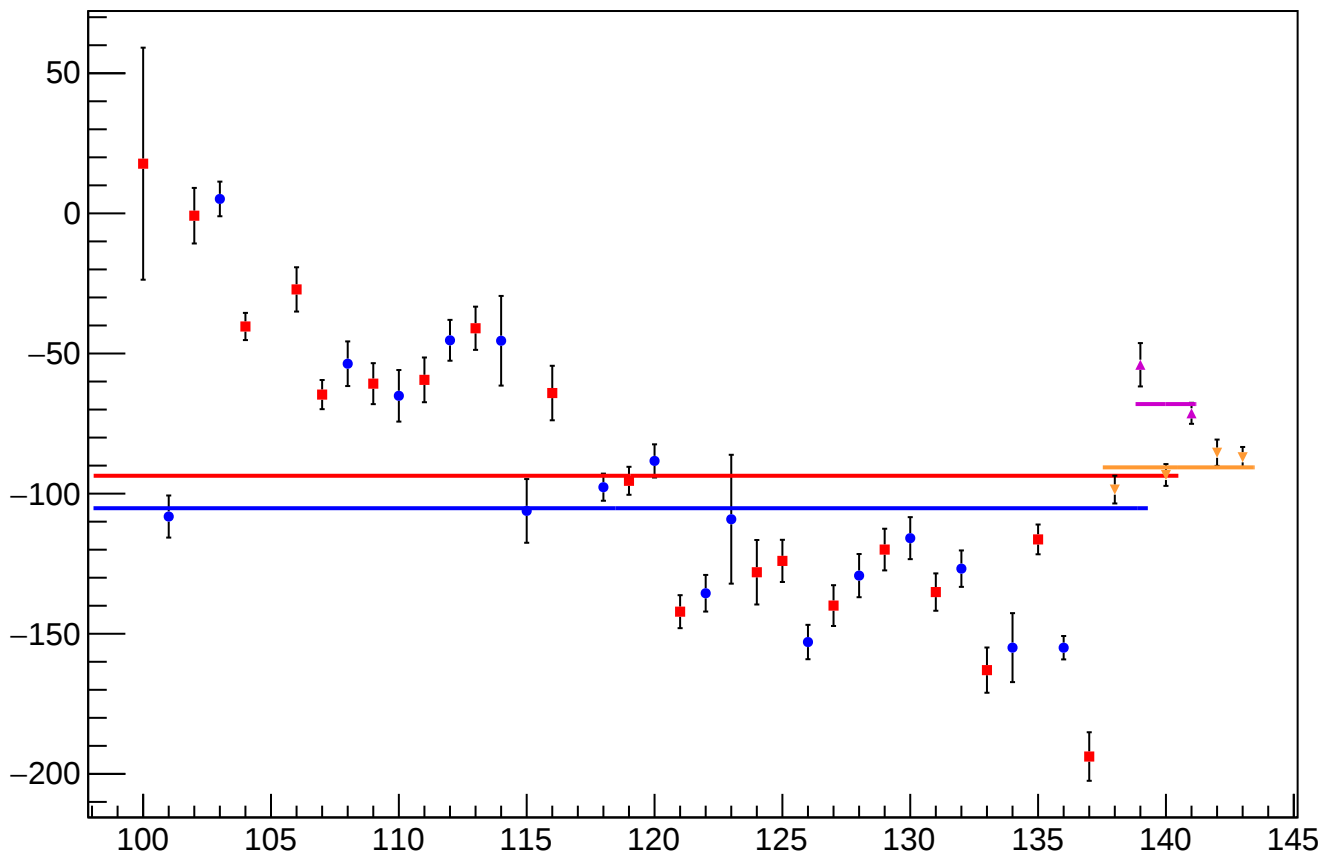
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -312.834 ± 2.087 χ^2/NDF : 1914.4/18

Out: -284.086 ± 1.750 χ^2/NDF : 2610.9/22

All: -295.949 ± 1.341 χ^2/NDF : 4636.8/41

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: -90.627 ± 2.103 χ^2/NDF : 5.2/3

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: -84.313 ± 1.785 χ^2/NDF : 41.6/5

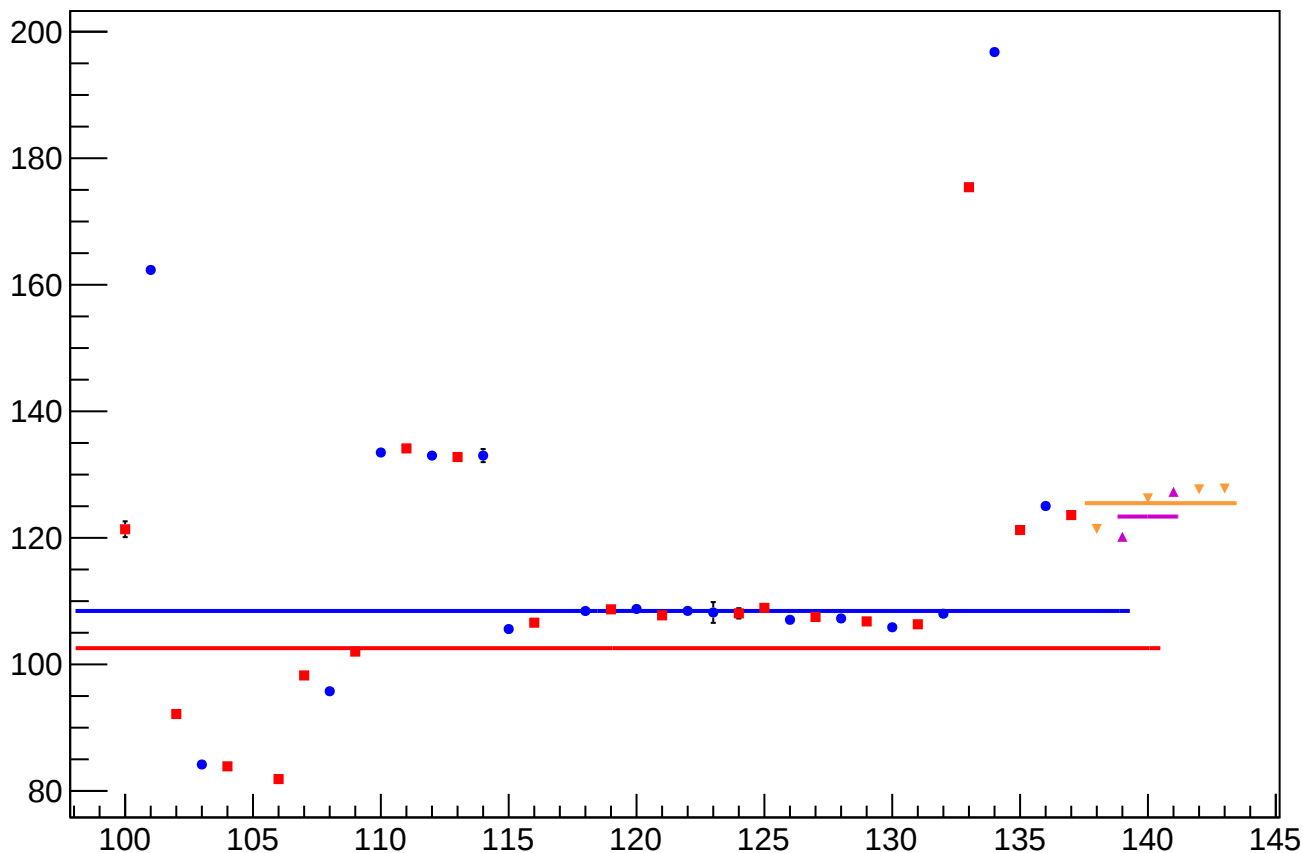
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -97.710 ± 1.516 χ^2/NDF : 836.4/18

Out: -92.517 ± 1.278 χ^2/NDF : 829.2/22

All: -94.675 ± 0.977 χ^2/NDF : 1672.5/41

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: 125.485 $\pm$ 0.100 χ^2 /NDF: 704.8/3

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 123.367 $\pm$ 0.126 χ^2 /NDF: 784.7/1

Left: 124.667 $\pm$ 0.078 χ^2 /NDF: 1662.4/5

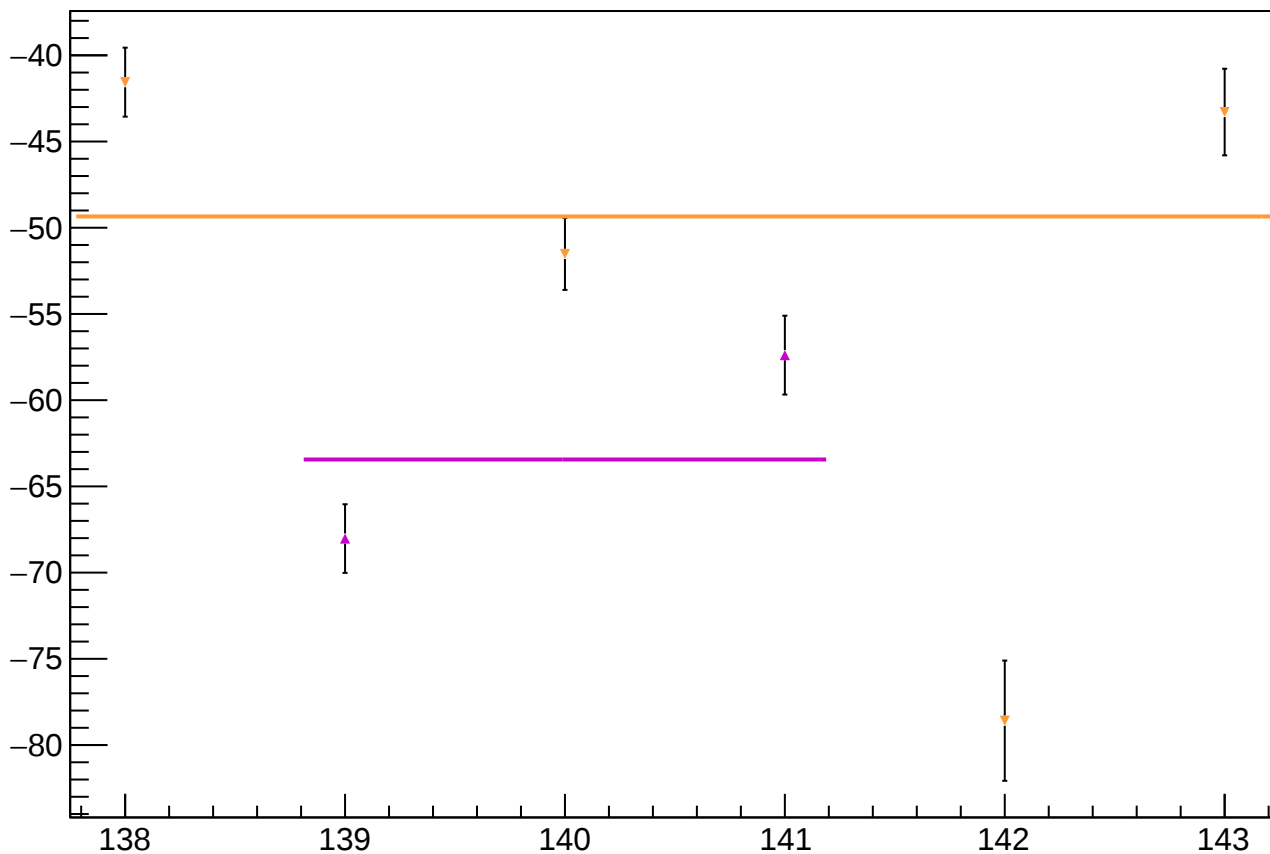
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 113.090 $\pm$ 0.070 χ^2 /NDF: 83681.6/18

Out: 111.427 $\pm$ 0.062 χ^2 /NDF: 86019.3/22

All: 112.156 $\pm$ 0.047 χ^2 /NDF: 170014.3/41

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: -49.345+/-1.178 χ^2/NDF :92.4/3

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: -54.718+/-0.927 χ^2/NDF : 159.3/5

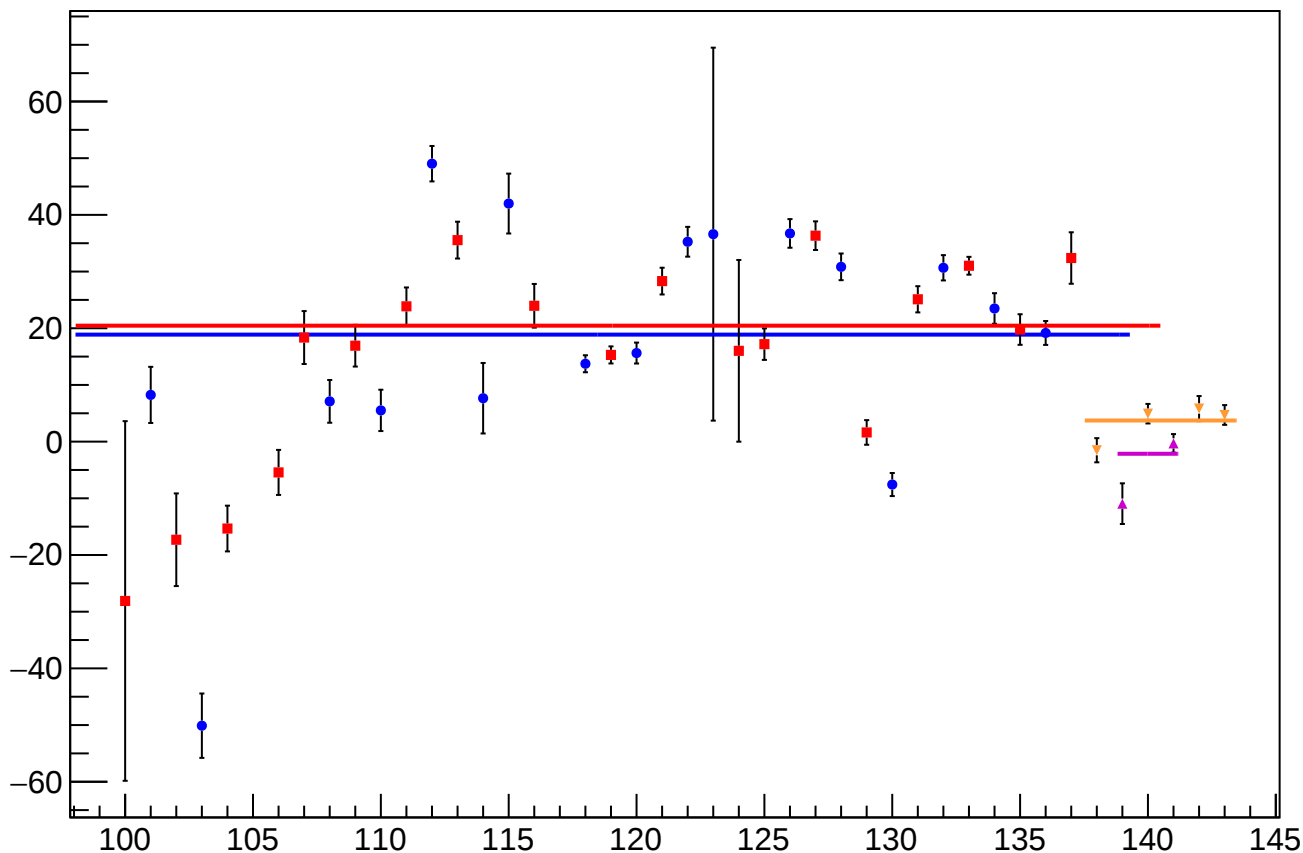
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.440+/-1.501 χ^2/NDF :12.3/1

Out: -49.345+/-1.178 χ^2/NDF :92.4/3

All: -54.718+/-0.927 χ^2/NDF : 159.3/5

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 3.726 $\pm$ 0.957 χ^2 /NDF: 7.8/3

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: 2.012 $\pm$ 0.805 χ^2 /NDF: 26.0/5

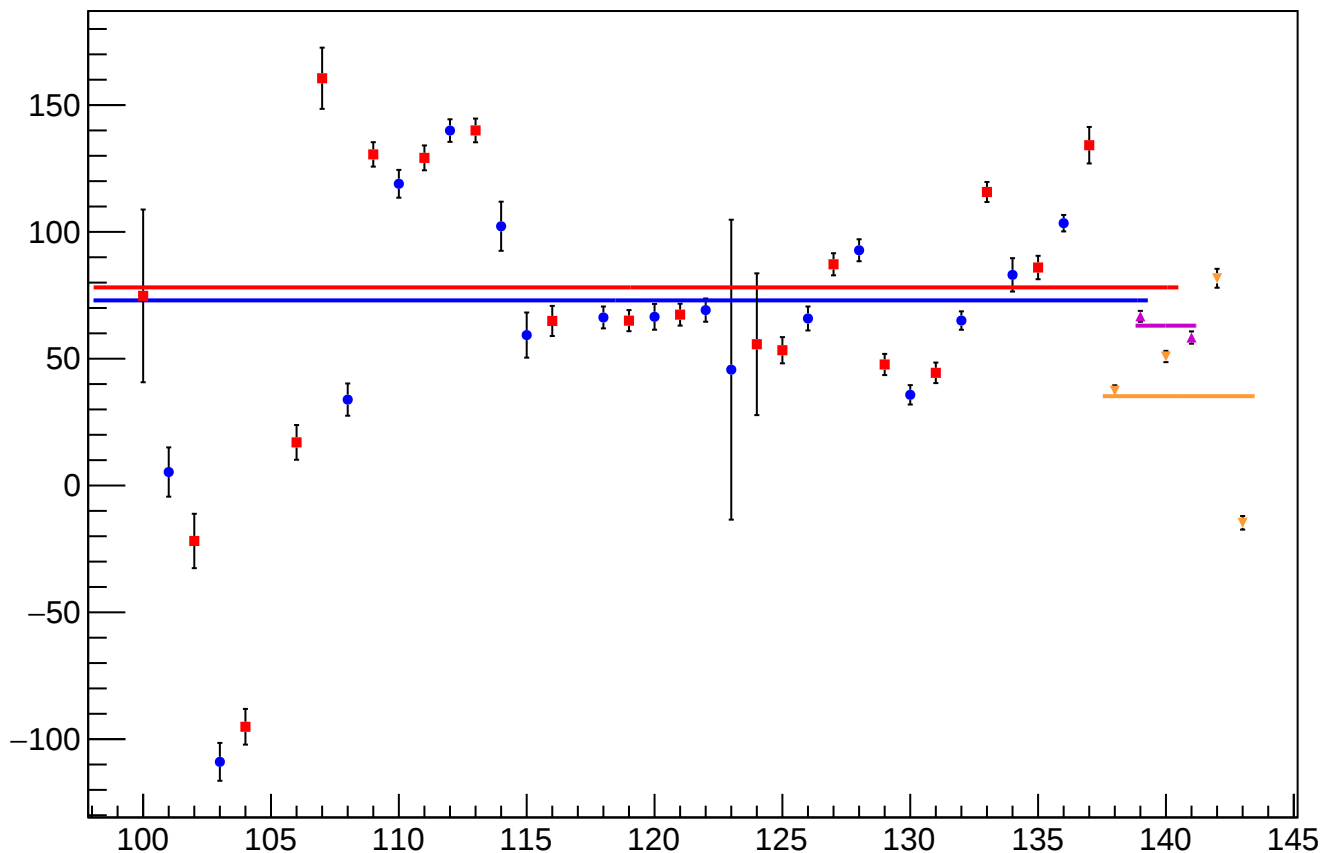
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 15.563 $\pm$ 0.591 χ^2 /NDF: 795.4/18

Out: 15.246 $\pm$ 0.534 χ^2 /NDF: 583.0/22

All: 15.389 $\pm$ 0.396 χ^2 /NDF: 1378.6/41

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: 35.225 $\pm$ 1.264 χ^2 /NDF:552.9/3

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: 45.805 $\pm$ 0.995 χ^2 /NDF: 743.6/5

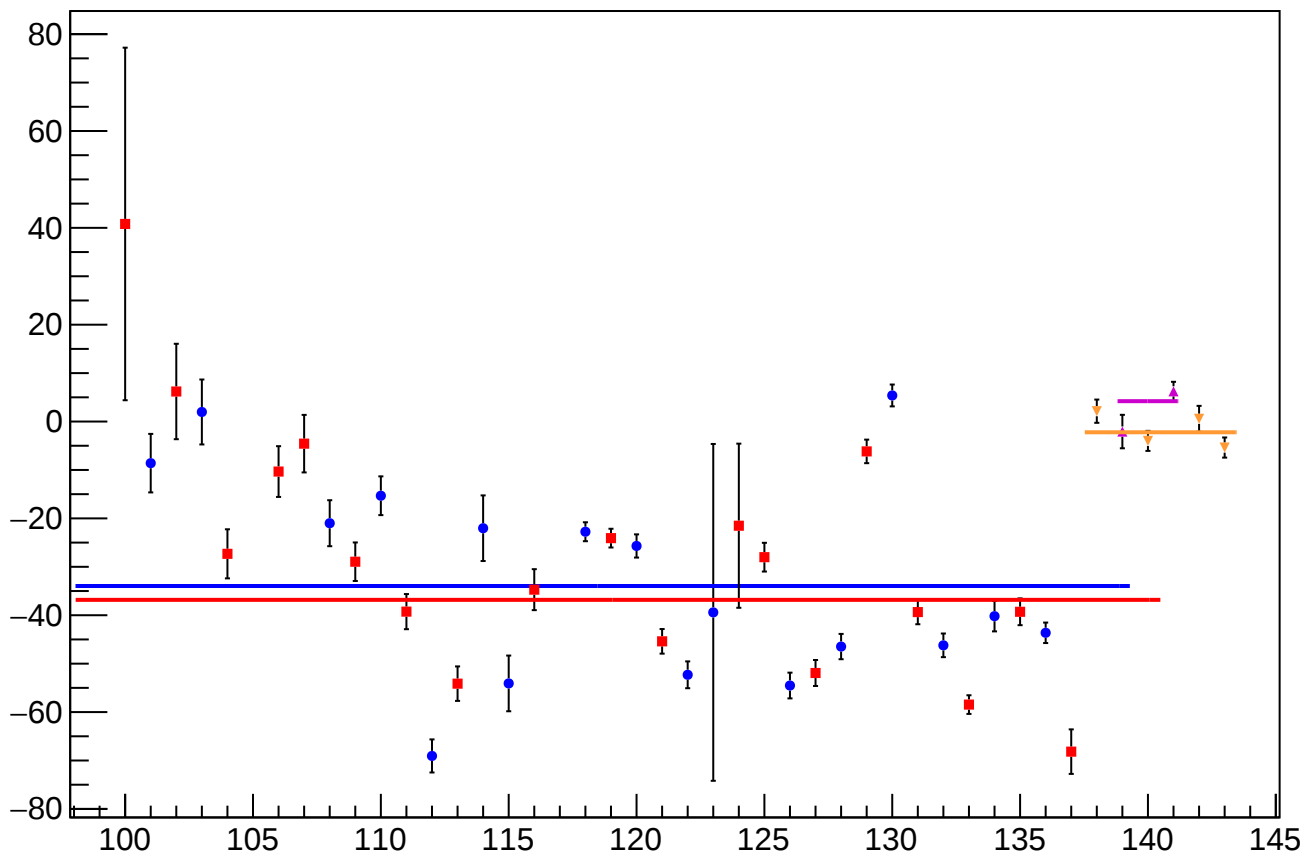
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 69.328 $\pm$ 0.978 χ^2 /NDF:1236.2/18

Out: 57.378 $\pm$ 0.879 χ^2 /NDF:2694.3/22

All: 62.717 $\pm$ 0.654 χ^2 /NDF: 4013.1/41

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 $\chi^2/\text{NDF}: 721.9/16$

Left Out: -2.218 ± 1.134 $\chi^2/\text{NDF}: 7.4/3$

Right Out: -36.824 ± 0.737 $\chi^2/\text{NDF}: 539.9/18$

Left In: 4.206 ± 1.708 $\chi^2/\text{NDF}: 4.4/1$

Left: -0.254 ± 0.945 $\chi^2/\text{NDF}: 21.6/5$

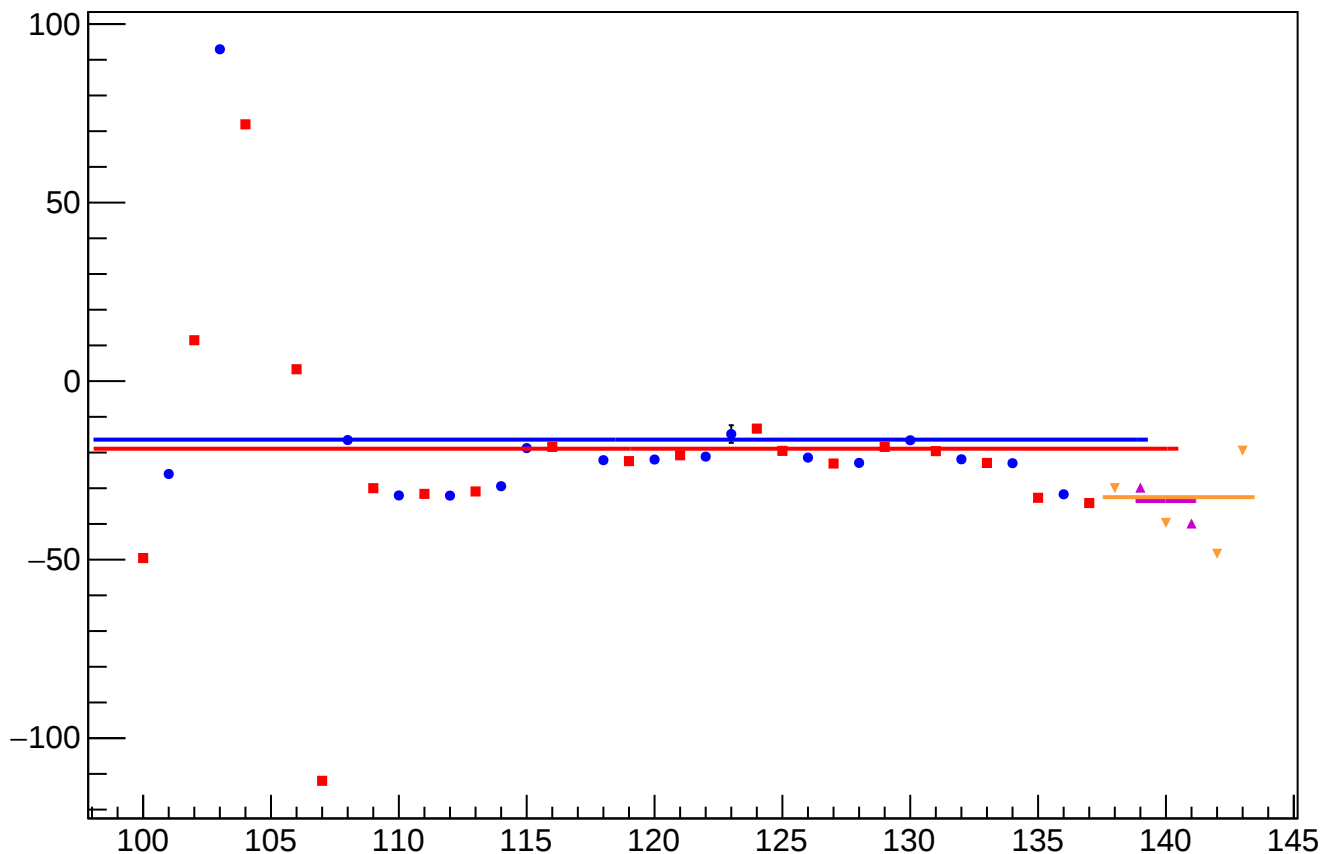
Right: -35.396 ± 0.521 $\chi^2/\text{NDF}: 1269.3/35$

In: -27.968 ± 0.677 $\chi^2/\text{NDF}: 1147.1/18$

Out: -26.546 ± 0.618 $\chi^2/\text{NDF}: 1202.5/22$

All: -27.192 ± 0.456 $\chi^2/\text{NDF}: 2352.0/41$

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 $\pm$ 0.044 χ^2 /NDF: 474297.3/16

Left Out: -32.503 $\pm$ 0.051 χ^2 /NDF: 32331.3/3

Right Out: -18.925 $\pm$ 0.045 χ^2 /NDF: 434146.0/18

Left In: -33.579 $\pm$ 0.060 χ^2 /NDF: 6579.0/1

Left: -32.959 $\pm$ 0.039 χ^2 /NDF: 39095.5/5

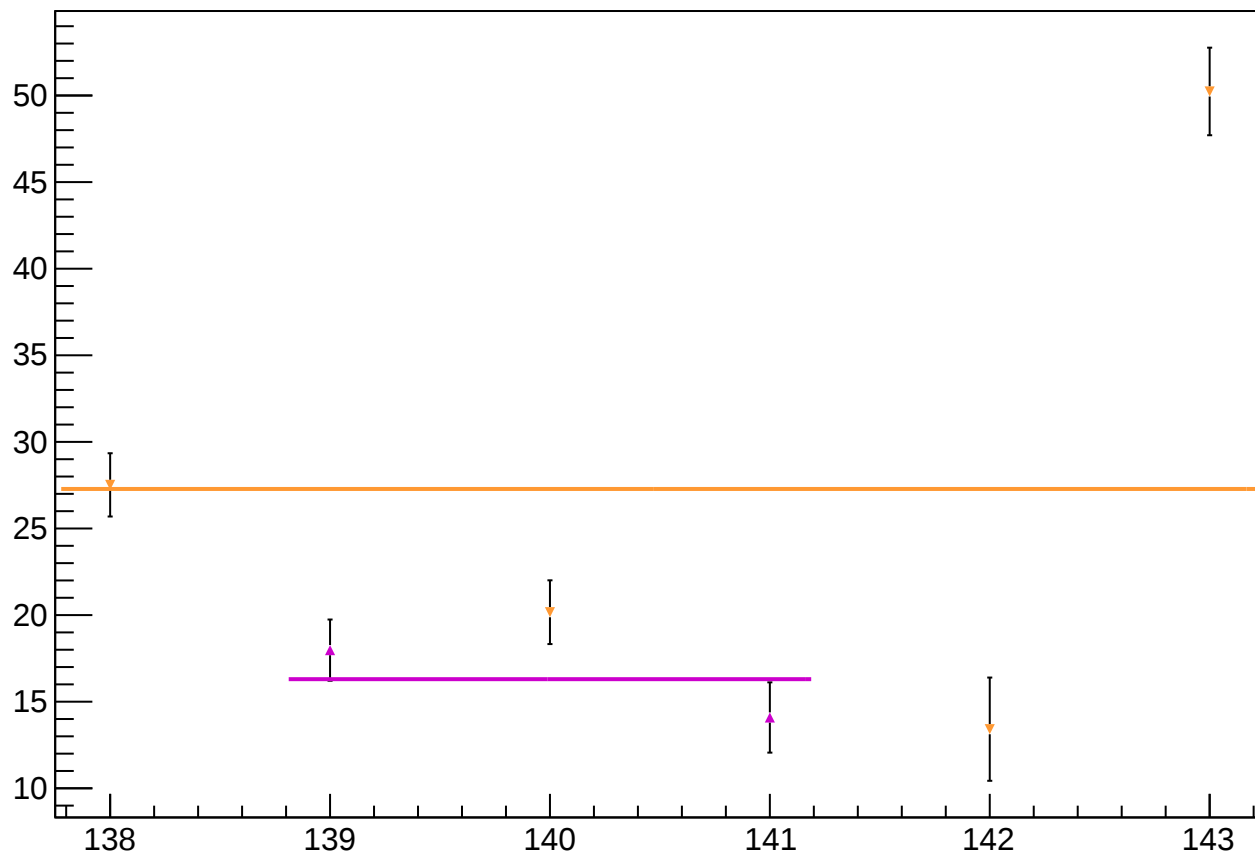
Right: -17.633 $\pm$ 0.032 χ^2 /NDF: 910044.8/35

In: -22.481 $\pm$ 0.036 χ^2 /NDF: 533872.9/18

Out: -24.847 $\pm$ 0.034 χ^2 /NDF: 505743.4/22

All: -23.723 $\pm$ 0.025 χ^2 /NDF: 1041918.5/41

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: 27.283+/-1.076 χ^2/NDF :119.0/3

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: 22.948+/-0.837 χ^2/NDF : 162.3/5

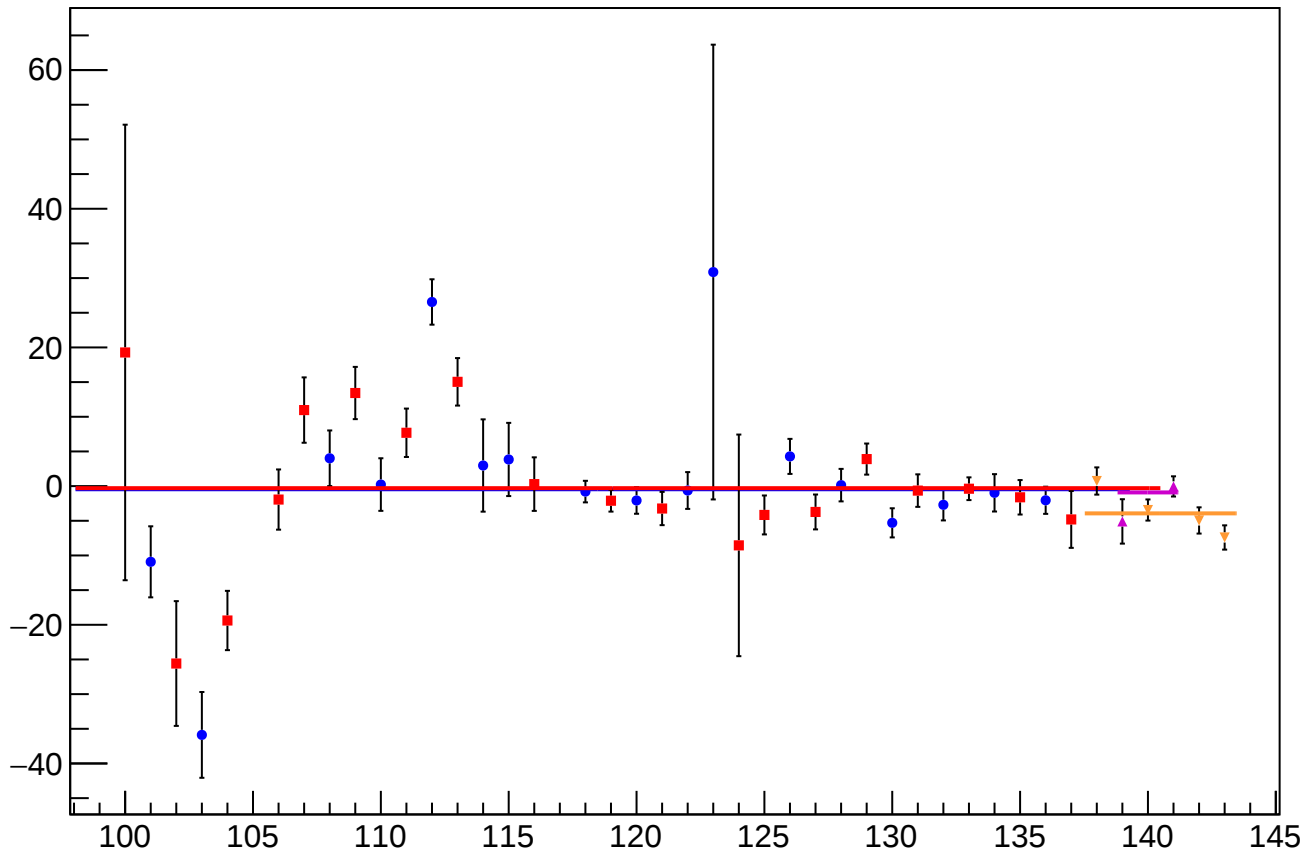
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.300+/-1.332 χ^2/NDF :2.1/1

Out: 27.283+/-1.076 χ^2/NDF :119.0/3

All: 22.948+/-0.837 χ^2/NDF : 162.3/5

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: -3.932 ± 0.879 χ^2/NDF : 10.0/3

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: -3.011 ± 0.732 χ^2/NDF : 15.7/5

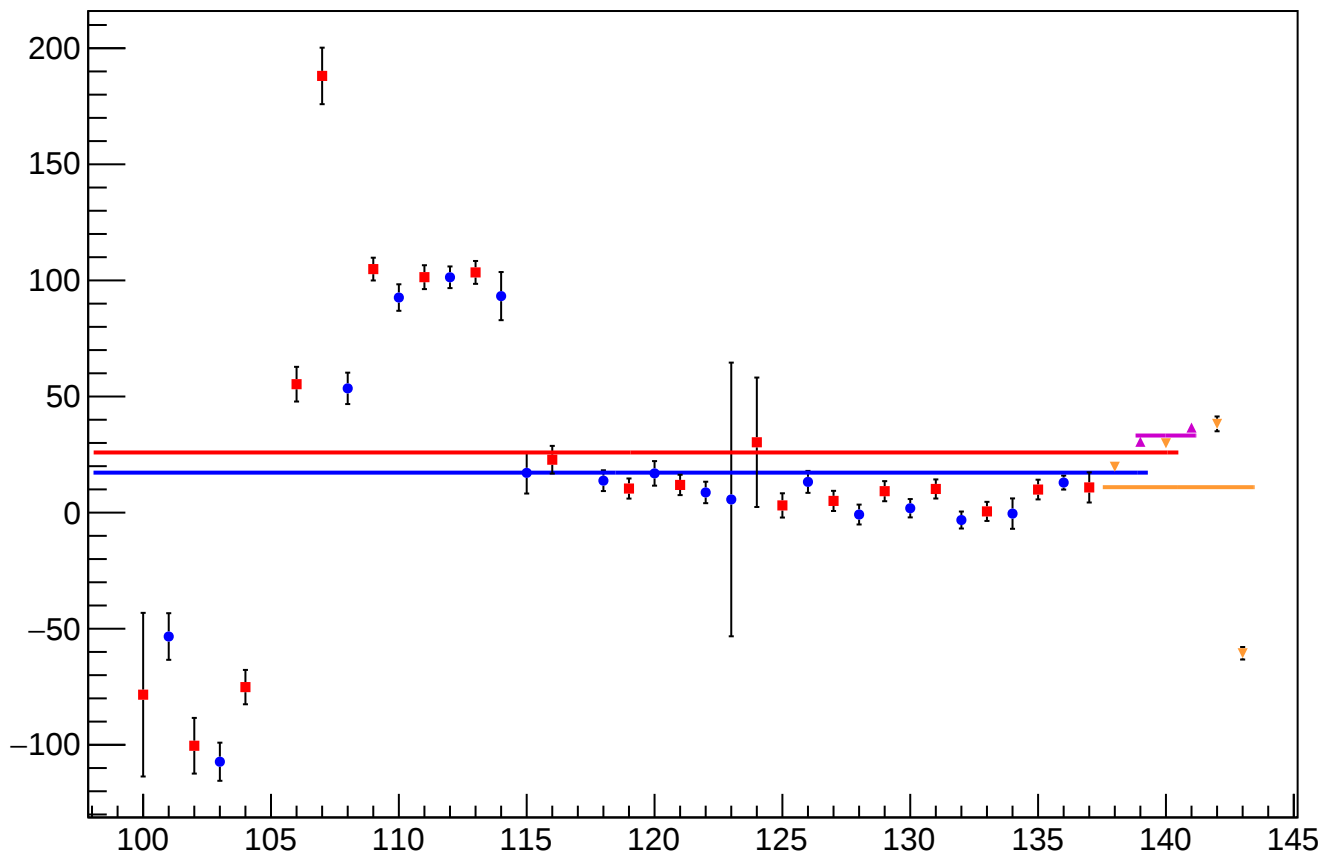
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.542 ± 0.587 χ^2/NDF : 121.7/18

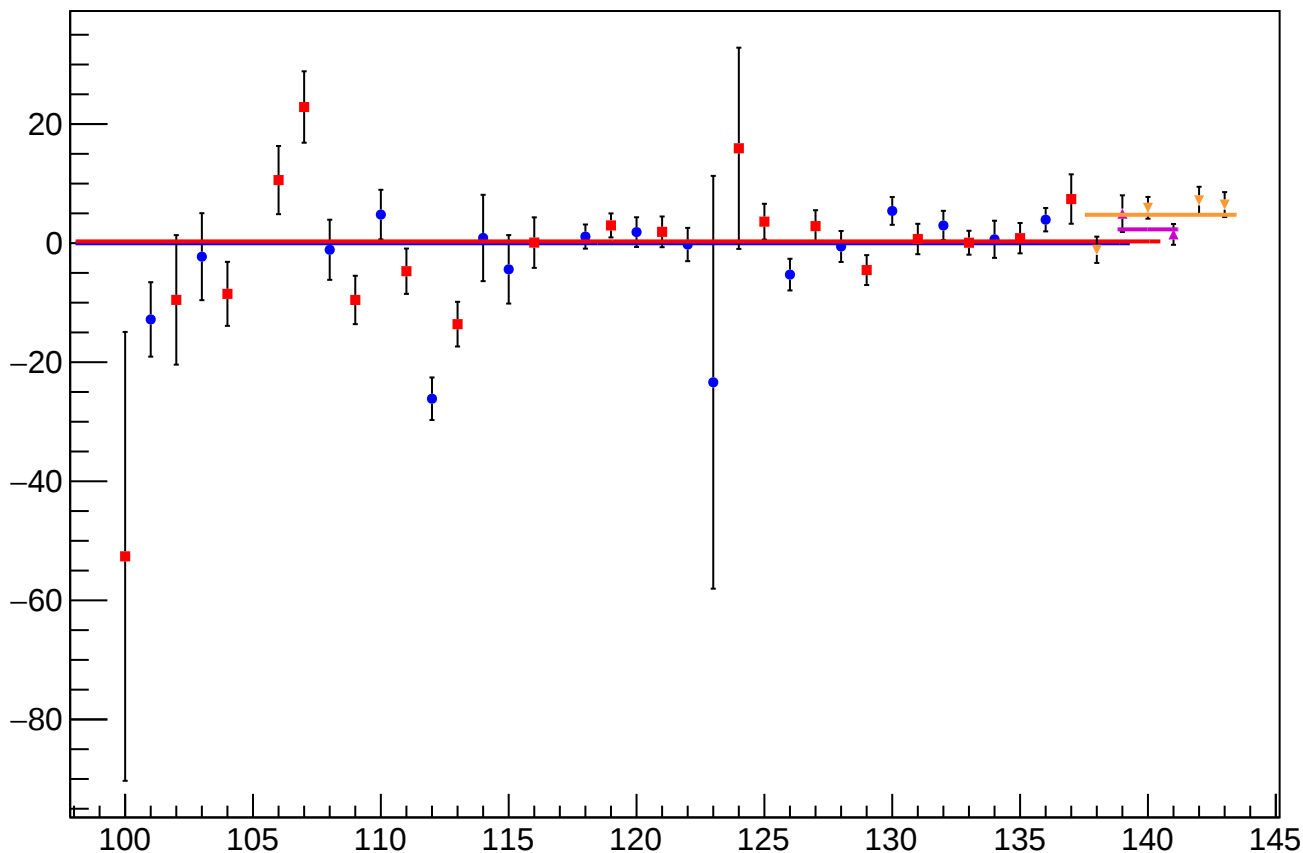
Out: -1.602 ± 0.526 χ^2/NDF : 105.4/22

All: -1.129 ± 0.392 χ^2/NDF : 228.9/41

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 4.760 ± 1.040 χ^2/NDF : 9.3/3

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: 3.979 ± 0.858 χ^2/NDF : 12.0/5

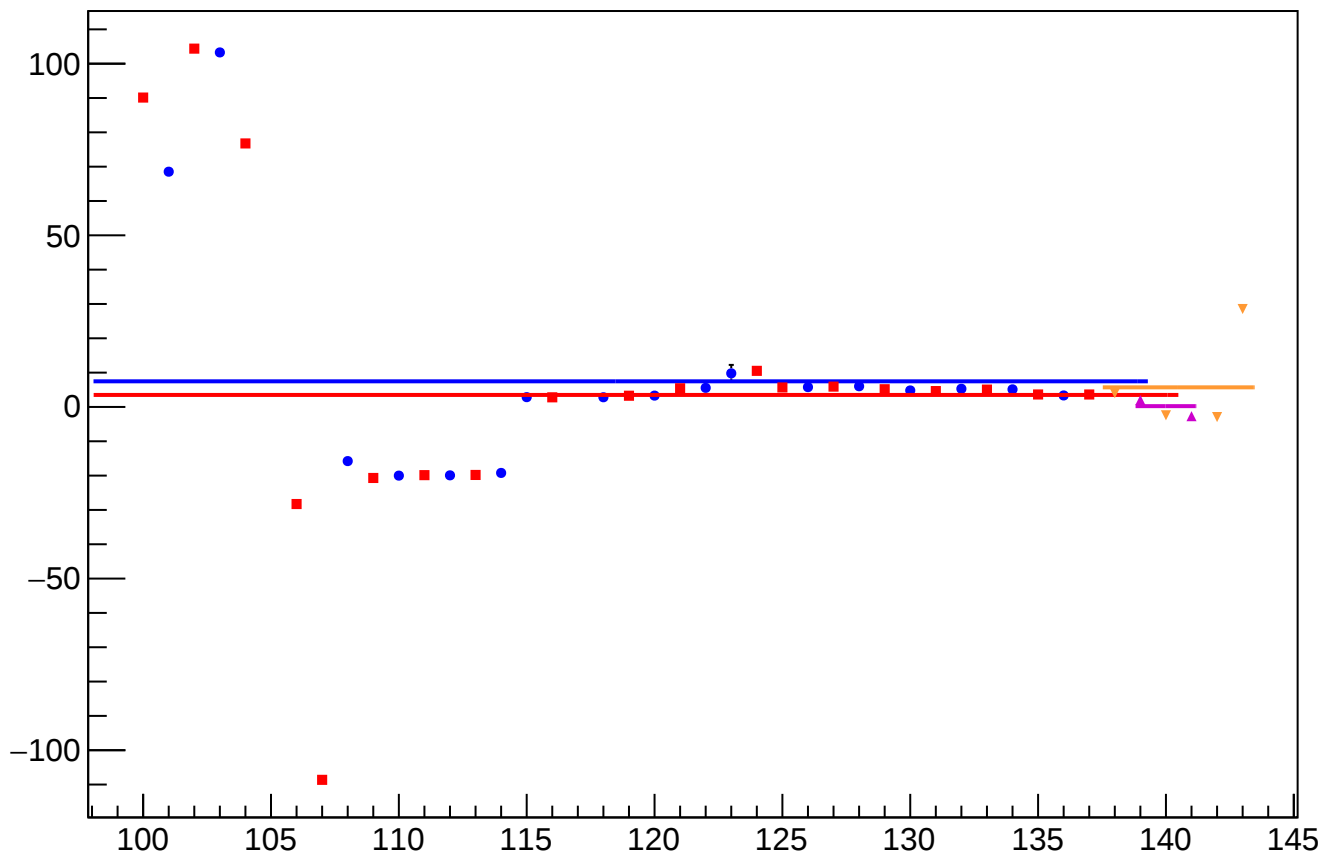
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.430 ± 0.669 χ^2/NDF : 78.7/18

Out: 1.818 ± 0.608 χ^2/NDF : 77.5/22

All: 1.190 ± 0.450 χ^2/NDF : 158.6/41

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 5.712 $\pm$ 0.047 χ^2 /NDF:58659.5/3

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

Left In: 0.236 $\pm$ 0.053 χ^2 /NDF:1827.0/1

Left: 3.322 $\pm$ 0.035 χ^2 /NDF: 66421.8/5

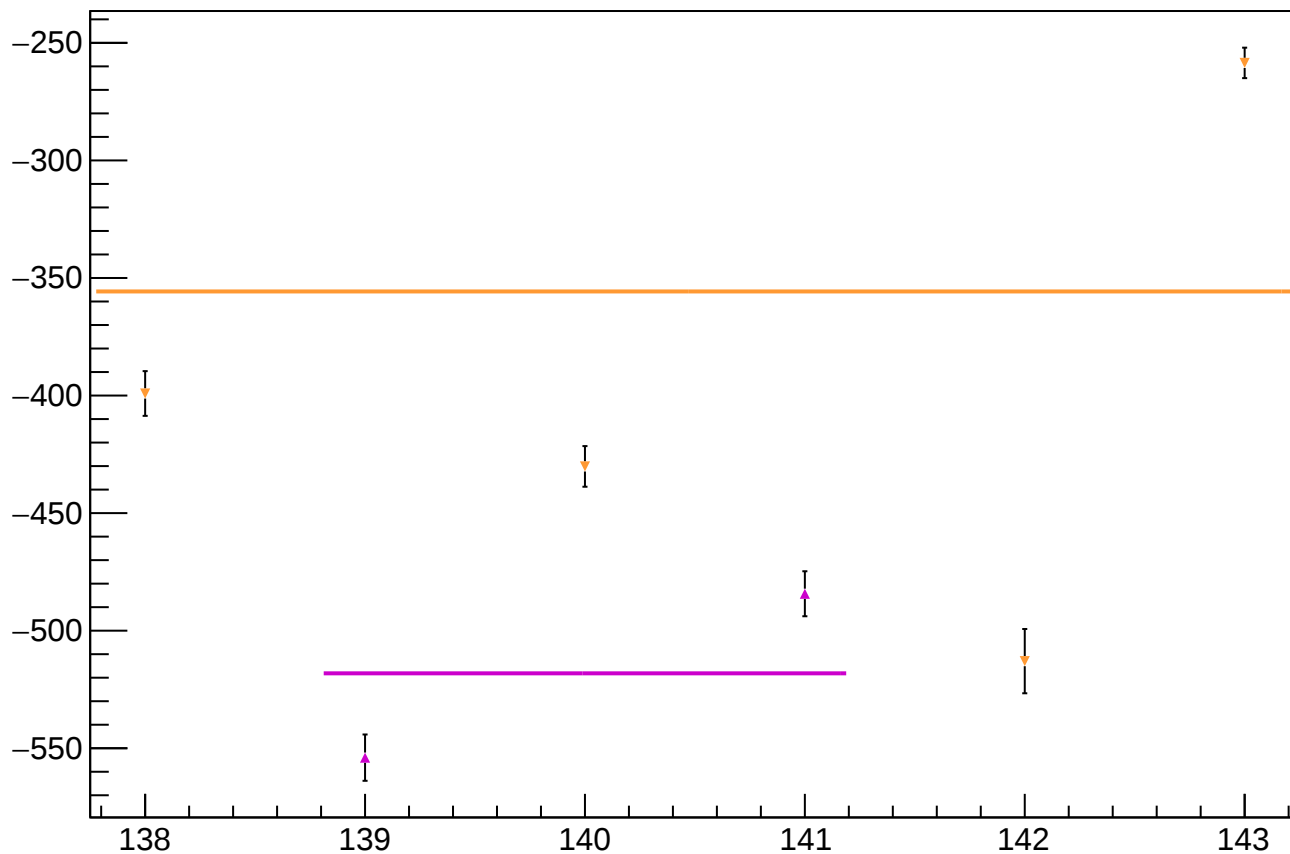
Right: 5.531 $\pm$ 0.032 χ^2 /NDF: 870350.4/35

In: 4.503 $\pm$ 0.034 χ^2 /NDF:368554.2/18

Out: 4.573 $\pm$ 0.033 χ^2 /NDF:570379.7/22

All: 4.539 $\pm$ 0.024 χ^2 /NDF: 938936.0/41

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: -355.726+/-4.318 χ^2/NDF :452.4/3

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: -401.788+/-3.655 χ^2/NDF : 879.4/5

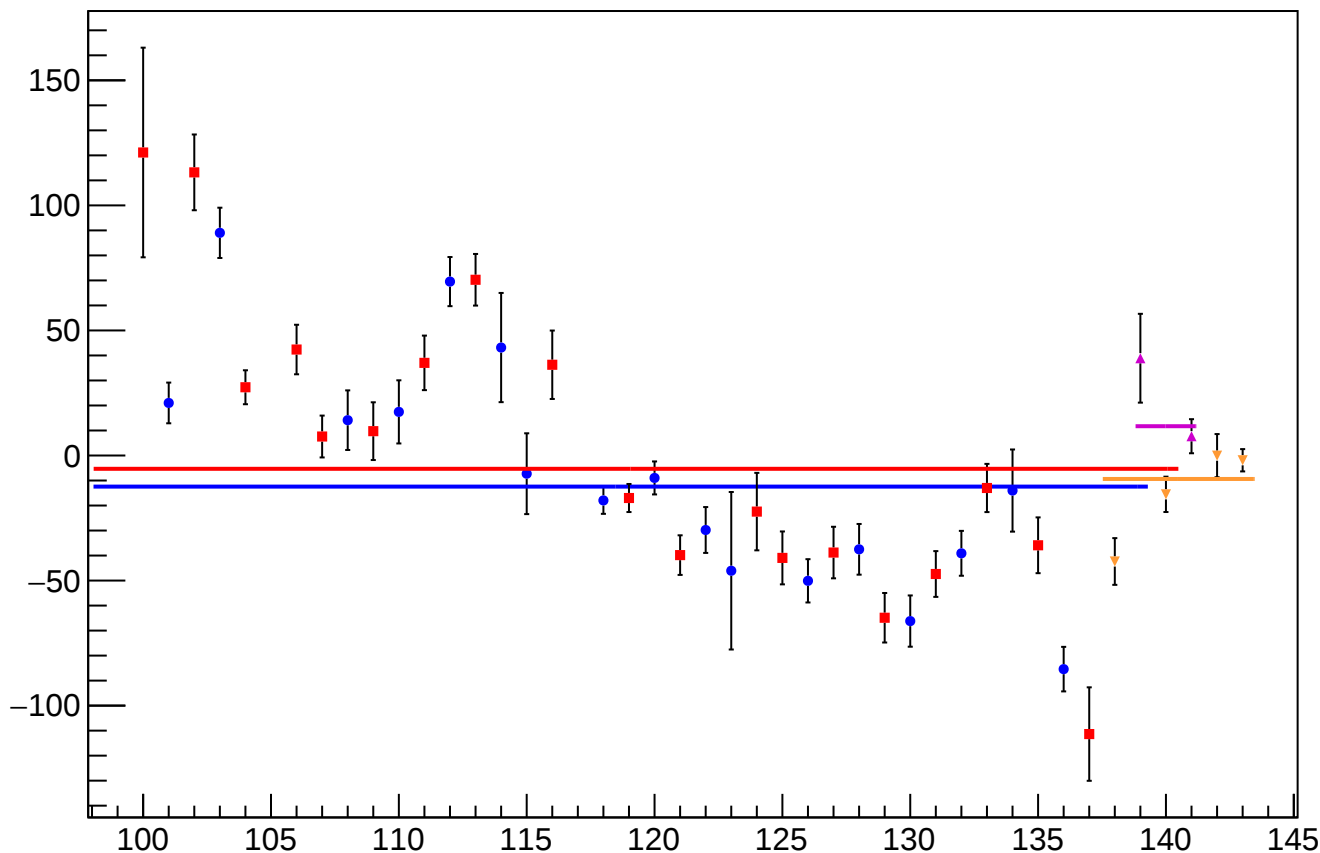
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -518.141+/-6.863 χ^2/NDF :25.8/1

Out: -355.726+/-4.318 χ^2/NDF :452.4/3

All: -401.788+/-3.655 χ^2/NDF : 879.4/5

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 $\chi^2/\text{NDF}: 340.2/16$

Left Out: -9.380 ± 3.241 $\chi^2/\text{NDF}: 17.2/3$

Right Out: -5.317 ± 2.260 $\chi^2/\text{NDF}: 342.8/18$

Left In: 11.713 ± 6.361 $\chi^2/\text{NDF}: 2.7/1$

Left: -5.033 ± 2.888 $\chi^2/\text{NDF}: 28.6/5$

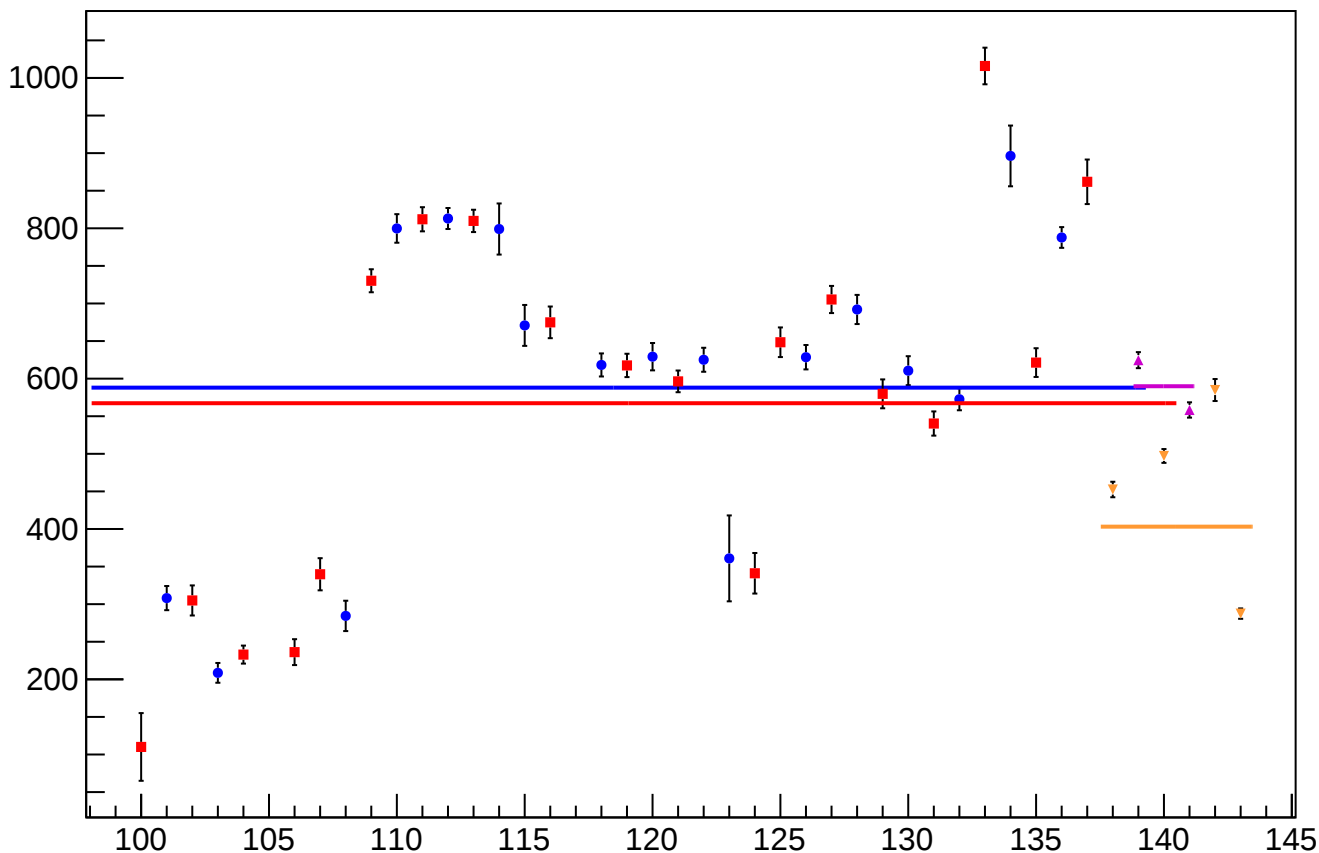
Right: -8.788 ± 1.617 $\chi^2/\text{NDF}: 687.9/35$

In: -9.607 ± 2.175 $\chi^2/\text{NDF}: 355.6/18$

Out: -6.646 ± 1.854 $\chi^2/\text{NDF}: 361.1/22$

All: -7.892 ± 1.411 $\chi^2/\text{NDF}: 717.8/41$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 403.107 $\pm$ 4.620 χ^2 /NDF:562.2/3

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 589.905 $\pm$ 7.360 χ^2 /NDF:20.2/1

Left: 455.903 $\pm$ 3.913 χ^2 /NDF: 1044.5/5

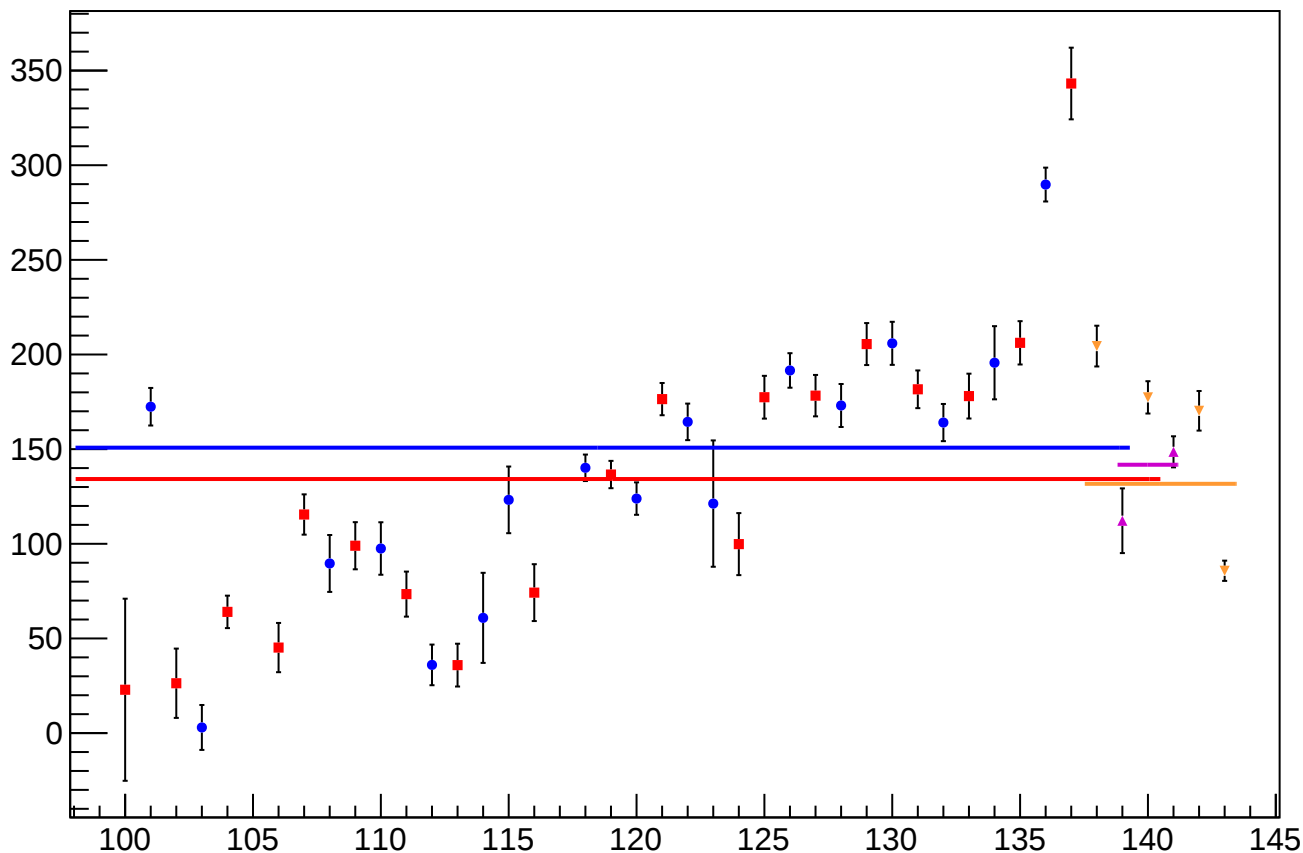
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 588.515 $\pm$ 3.731 χ^2 /NDF:2148.0/18

Out: 494.317 $\pm$ 3.080 χ^2 /NDF:4048.2/22

All: 532.495 $\pm$ 2.376 χ^2 /NDF: 6575.2/41

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: 131.689 $\pm$ 3.879 χ^2 /NDF:161.7/3

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: 133.862 $\pm$ 3.436 χ^2 /NDF: 166.8/5

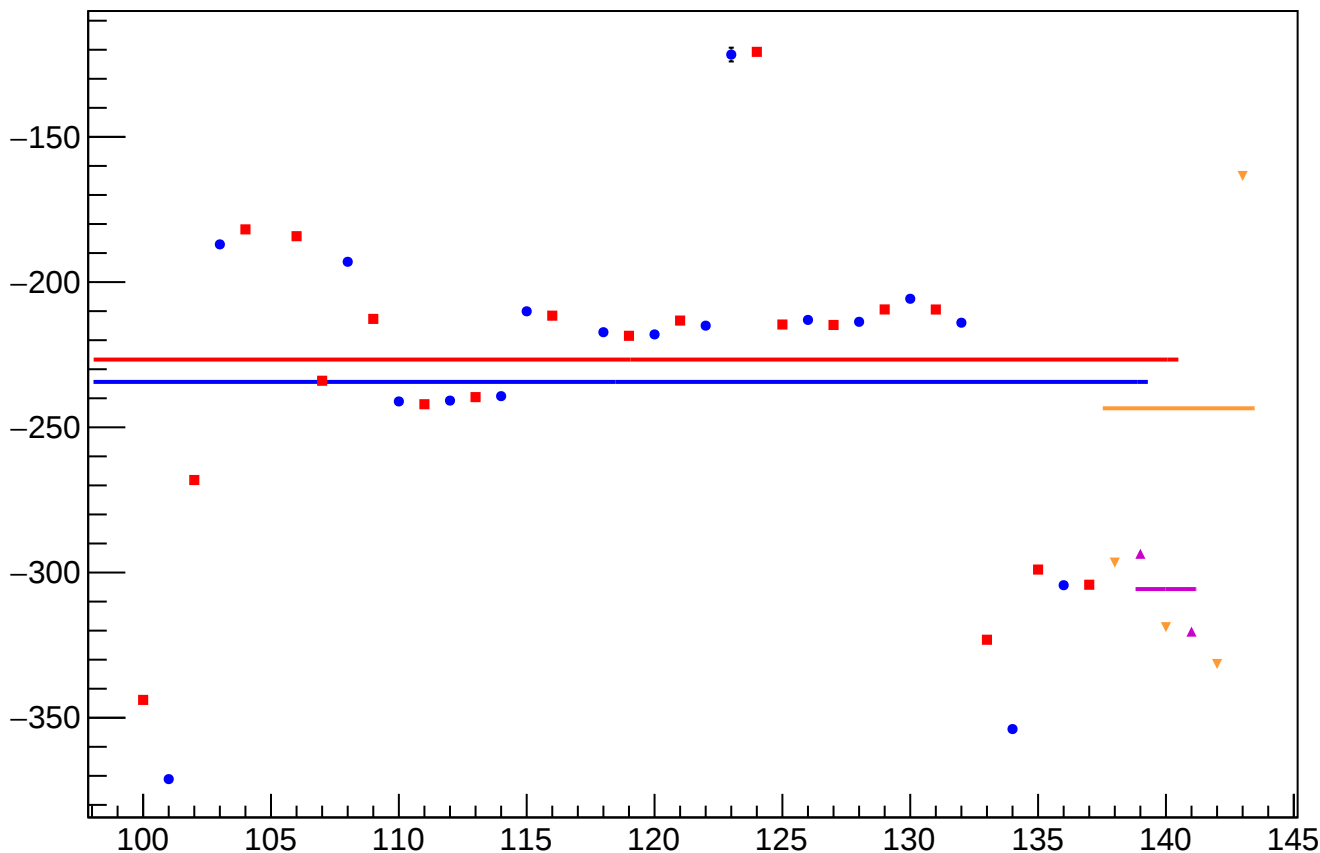
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 149.740 $\pm$ 2.519 χ^2 /NDF:638.1/18

Out: 133.428 $\pm$ 2.169 χ^2 /NDF:743.6/22

All: 140.370 $\pm$ 1.644 χ^2 /NDF: 1405.8/41

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: -243.443+/-0.189 χ^2/NDF :156863.1/3

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: -263.172+/-0.156 χ^2/NDF : 193447.8/5

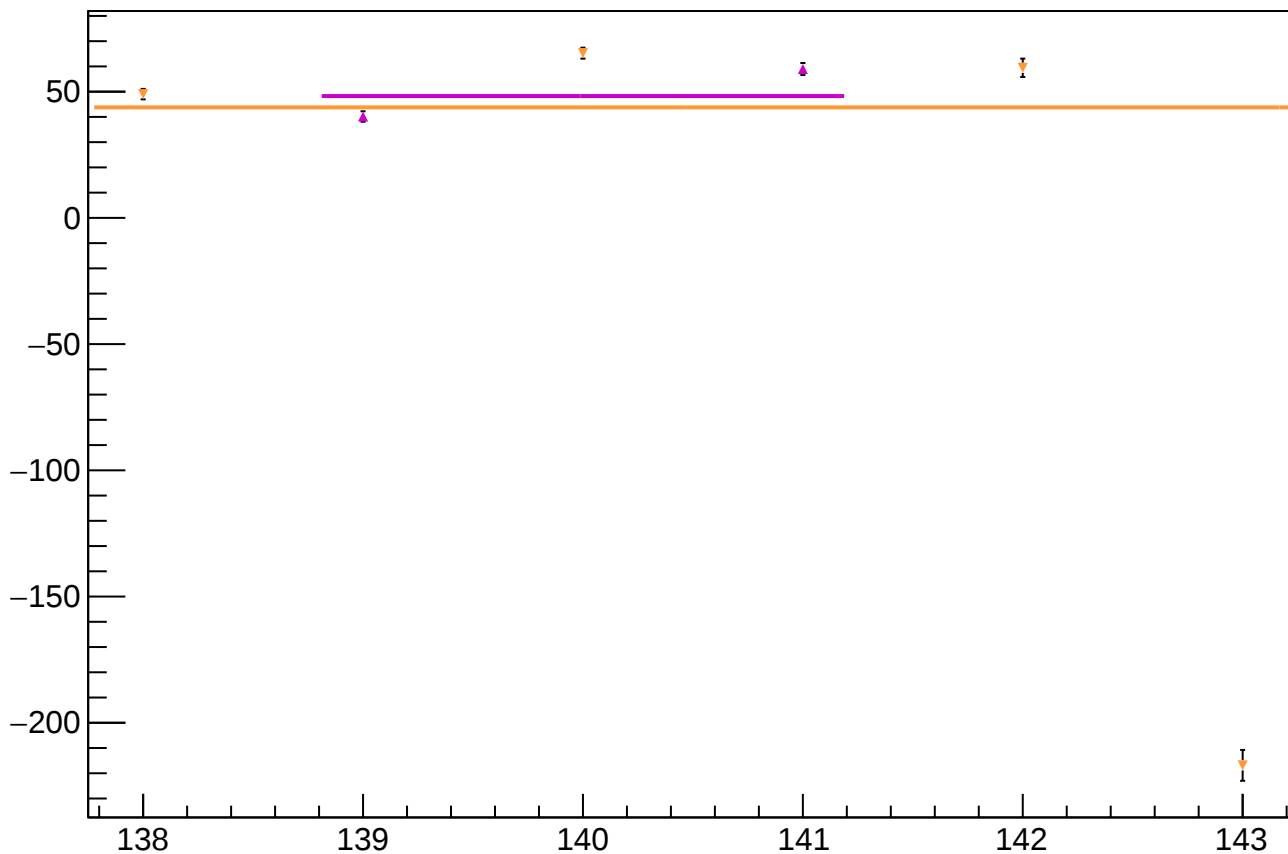
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -250.204+/-0.131 χ^2/NDF :198727.2/18

Out: -232.673+/-0.113 χ^2/NDF :261395.0/22

All: -240.171+/-0.086 χ^2/NDF : 470379.3/41

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: 43.785 +/- 1.350 χ^2 /NDF: 1941.9/3

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: 45.700 +/- 1.021 χ^2 /NDF: 1982.3/5

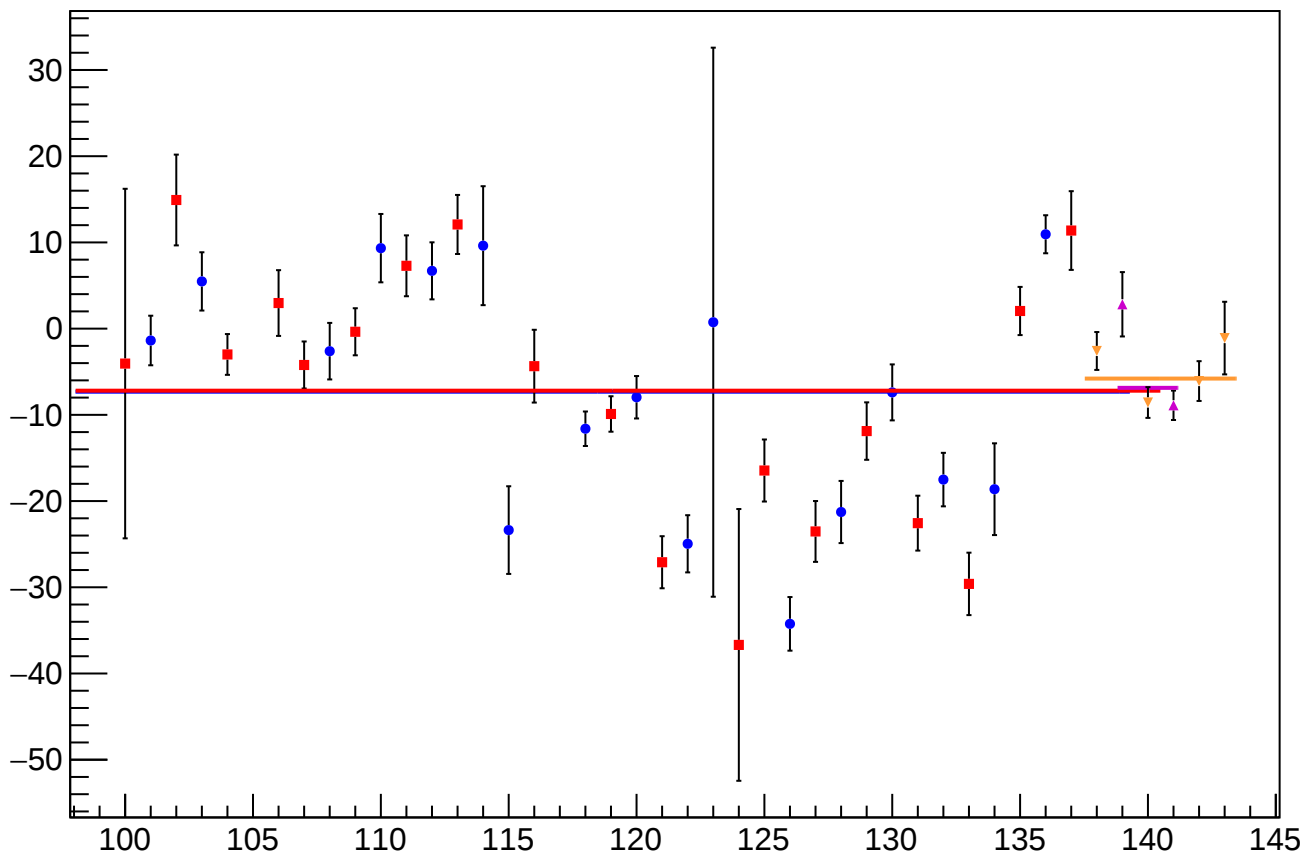
Right: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

In: 48.260 +/- 1.561 χ^2 /NDF: 35.6/1

Out: 43.785 +/- 1.350 χ^2 /NDF: 1941.9/3

All: 45.700 +/- 1.021 χ^2 /NDF: 1982.3/5

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: -5.792 ± 1.143 χ^2/NDF : 5.8/3

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: -6.171 ± 0.920 χ^2/NDF : 14.3/5

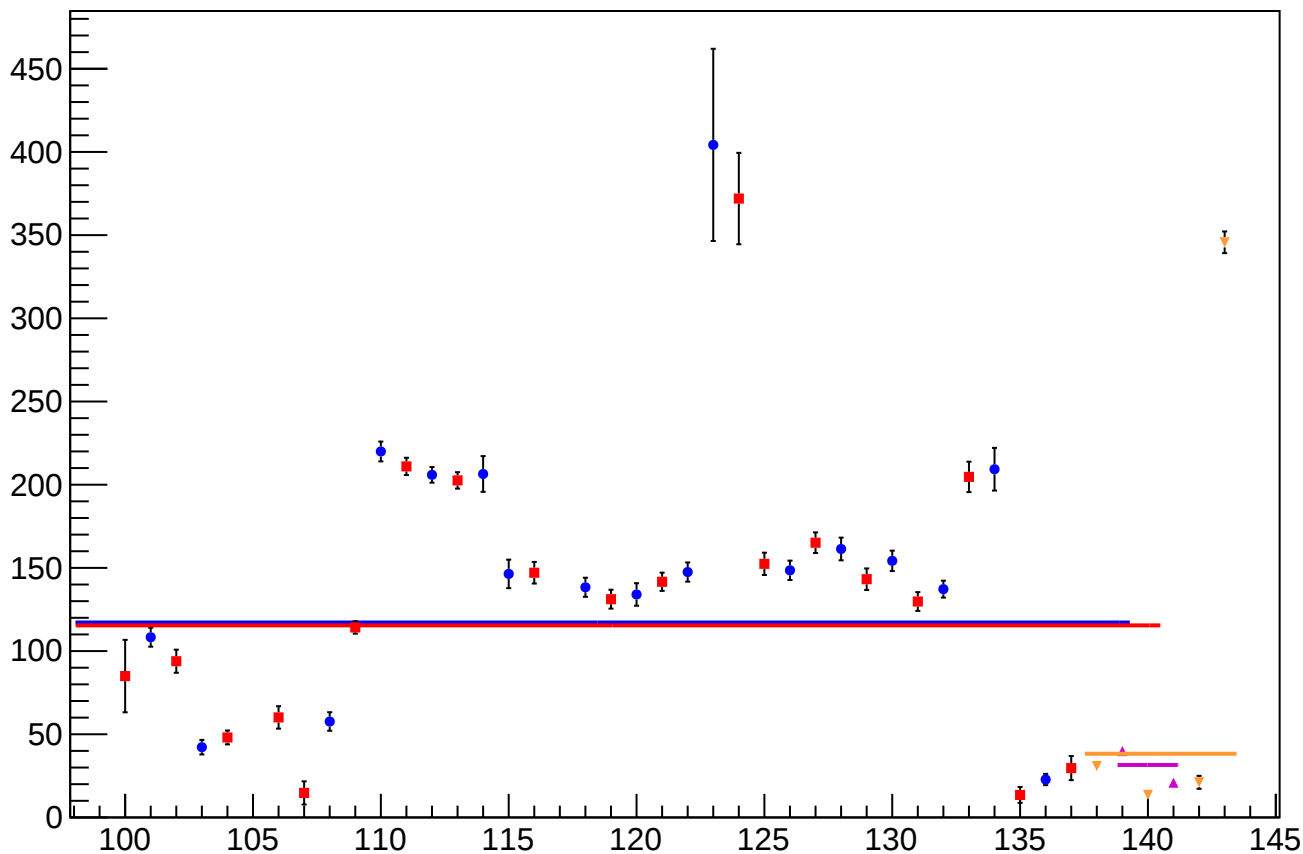
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -7.223 ± 0.697 χ^2/NDF : 287.3/18

Out: -6.766 ± 0.634 χ^2/NDF : 259.0/22

All: -6.973 ± 0.469 χ^2/NDF : 546.5/41

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2/NDF : 2159.6/16

Left Out: 38.293 $\pm$ 1.450 χ^2/NDF :2369.1/3

Right Out: 115.437 $\pm$ 1.361 χ^2/NDF : 2151.2/18

Left In: 31.547 $\pm$ 1.677 χ^2/NDF :31.6/1

Left: 35.407 $\pm$ 1.097 χ^2/NDF : 2409.9/5

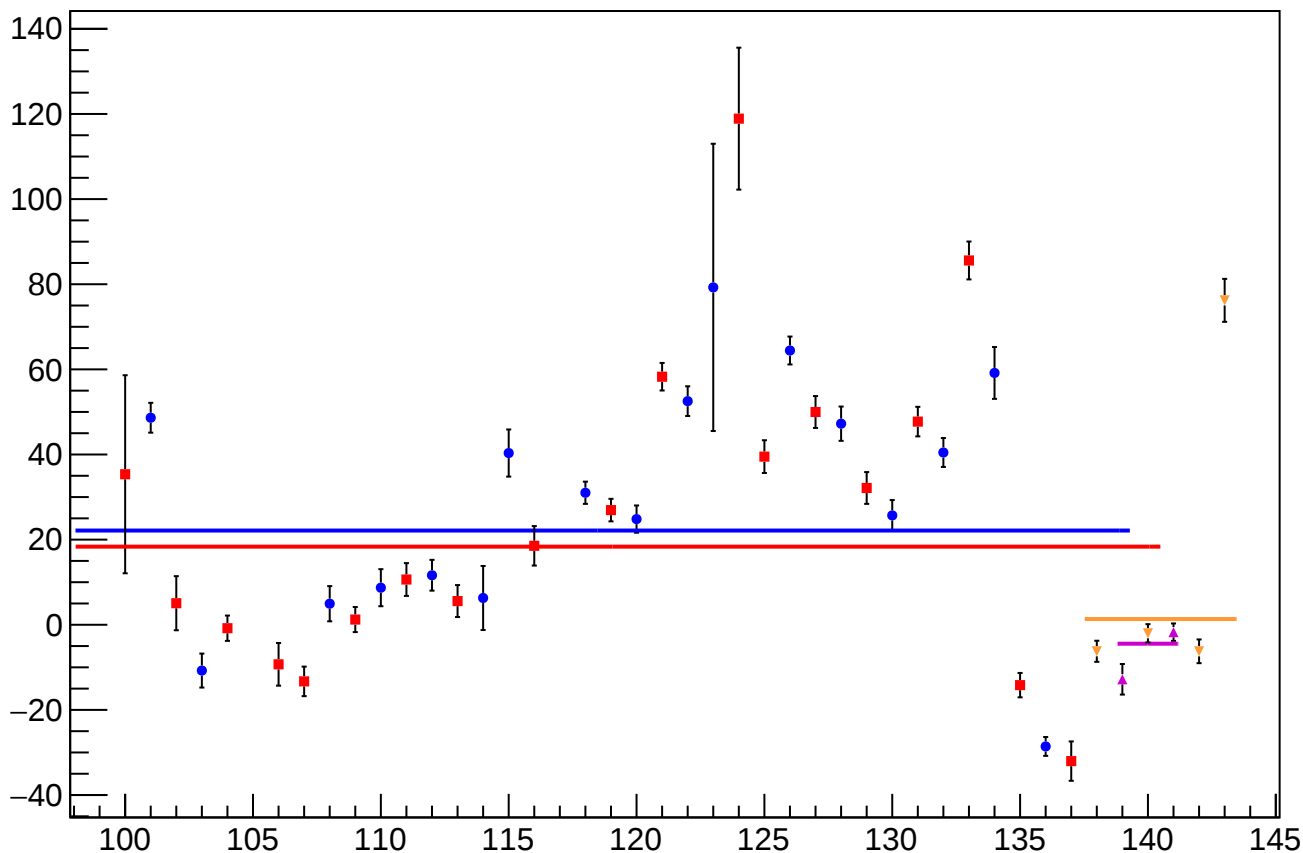
Right: 116.275 $\pm$ 0.980 χ^2/NDF : 4311.6/35

In: 81.675 $\pm$ 1.080 χ^2/NDF :3717.3/18

Out: 79.322 $\pm$ 0.992 χ^2/NDF :6025.4/22

All: 80.399 $\pm$ 0.731 χ^2/NDF : 9745.3/41

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: 1.348 $\pm$ 1.350 χ^2 /NDF:239.2/3

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: -0.772 $\pm$ 1.075 χ^2 /NDF: 253.1/5

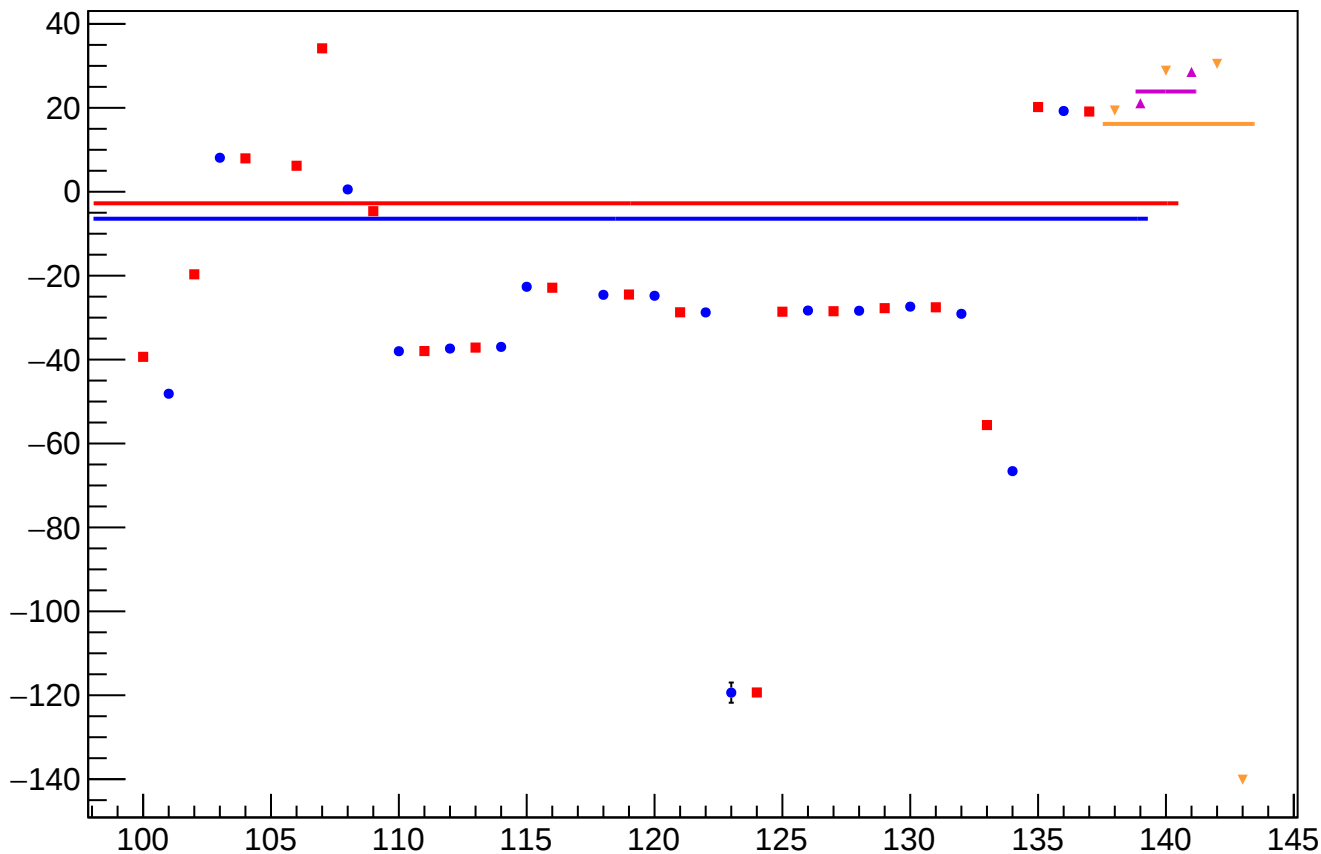
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 16.797 $\pm$ 0.797 χ^2 /NDF:1250.0/18

Out: 13.355 $\pm$ 0.732 χ^2 /NDF:1422.1/22

All: 14.931 $\pm$ 0.539 χ^2 /NDF: 2682.2/41

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: 16.166+/-0.059 χ^2/NDF : 380732.3/3

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: 19.824+/-0.043 χ^2/NDF : 392174.3/5

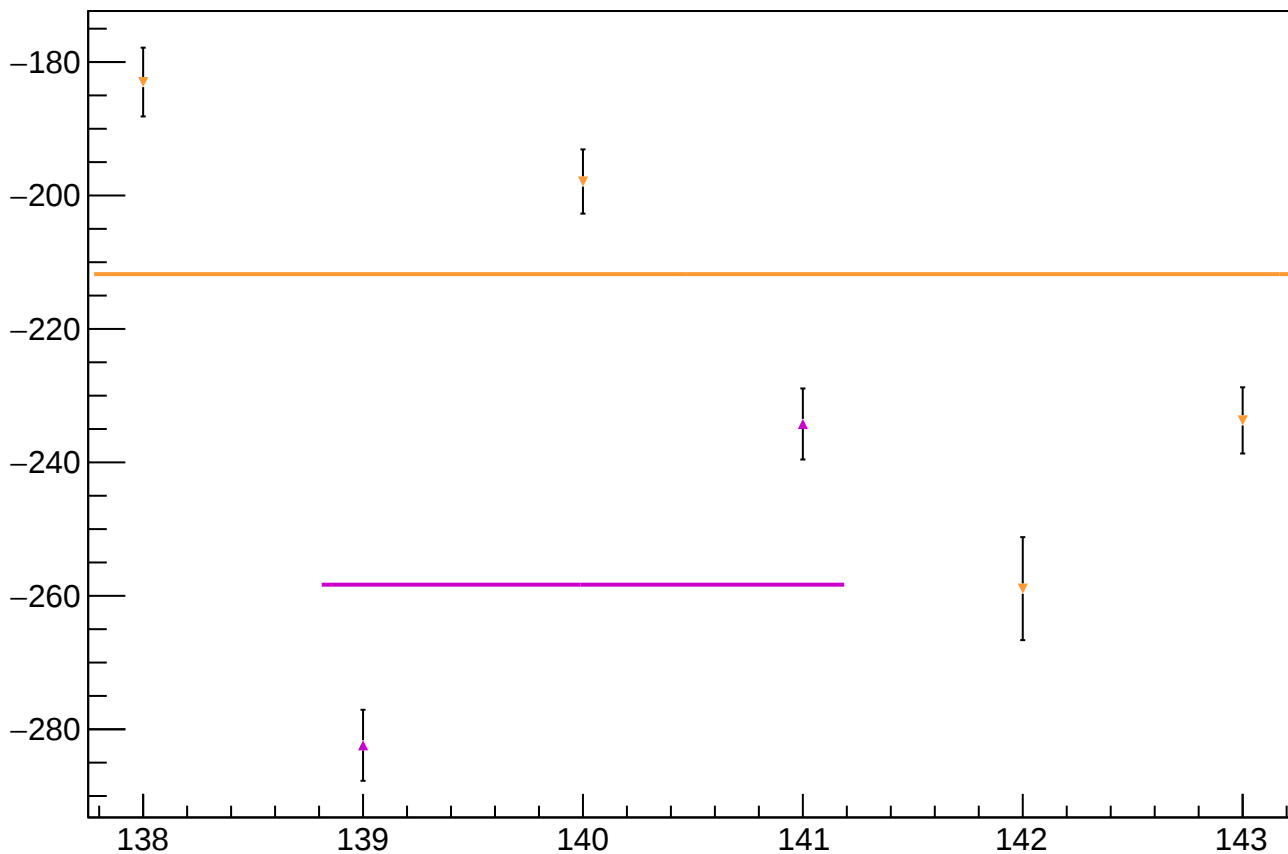
Right: -4.569+/-0.032 χ^2/NDF : 534660.8/35

In: 4.322+/-0.037 χ^2/NDF : 421139.0/18

Out: 4.319+/-0.036 χ^2/NDF : 711127.2/22

All: 4.320+/-0.026 χ^2/NDF : 1132266.2/41

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: -211.786+/-2.689 χ^2/NDF :96.4/3

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: -227.520+/-2.188 χ^2/NDF : 238.6/5

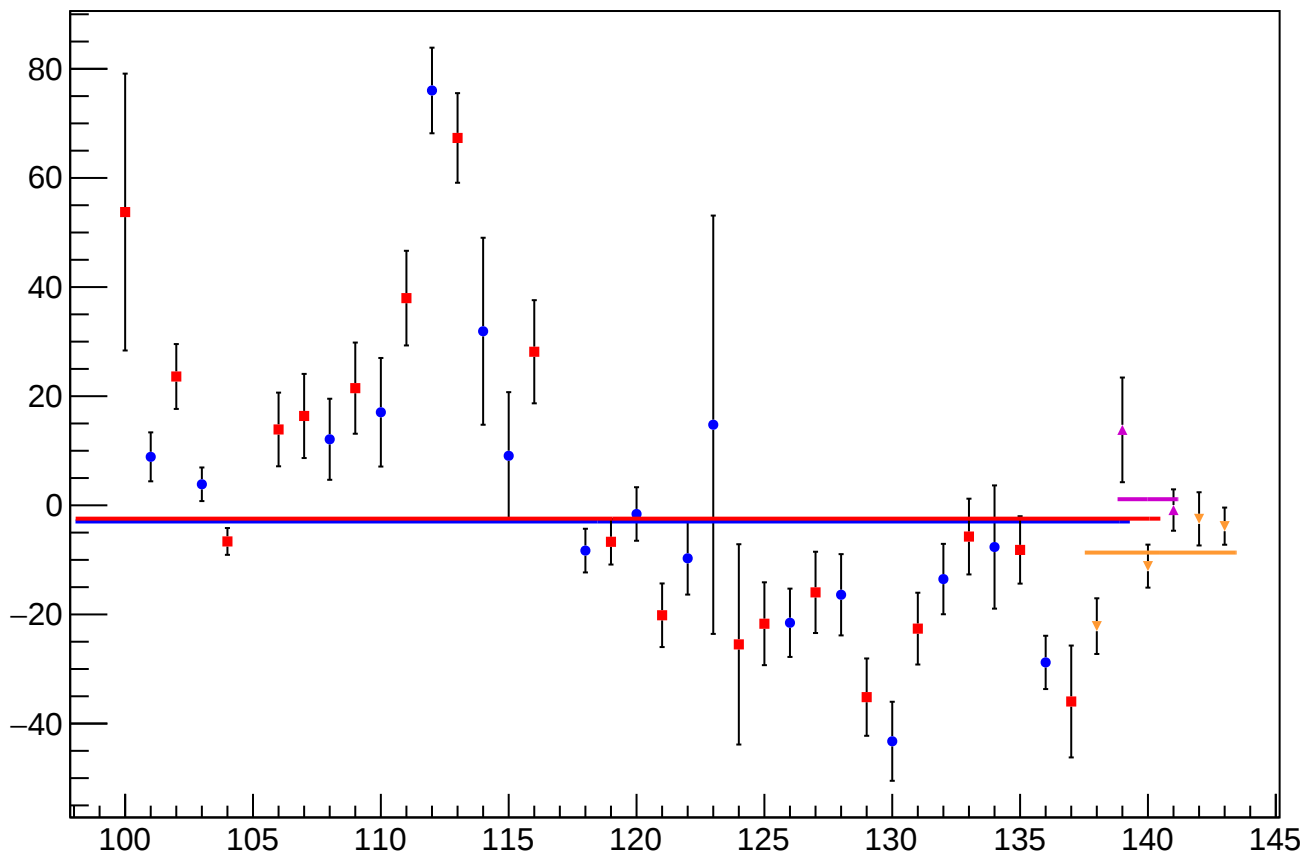
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -258.330+/-3.763 χ^2/NDF :40.9/1

Out: -211.786+/-2.689 χ^2/NDF :96.4/3

All: -227.520+/-2.188 χ^2/NDF : 238.6/5

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: -8.663 ± 2.080 χ^2/NDF : 11.0/3

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 1.119 ± 3.527 χ^2/NDF : 2.0/1

Left: -6.138 ± 1.792 χ^2/NDF : 18.7/5

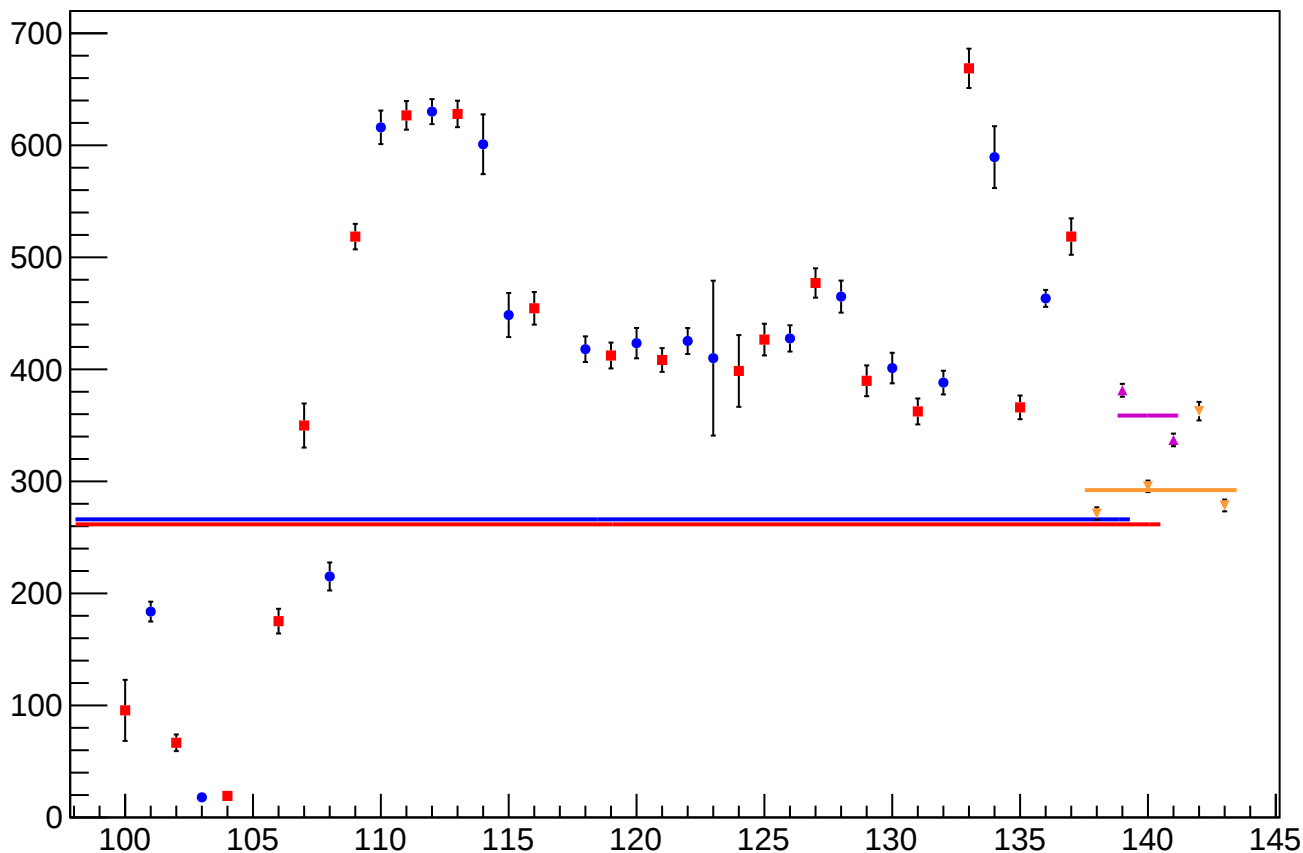
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: -2.372 ± 1.343 χ^2/NDF : 206.7/18

Out: -4.377 ± 1.160 χ^2/NDF : 232.6/22

All: -3.520 ± 0.878 χ^2/NDF : 440.6/41

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 292.218 $\pm$ 2.881 χ^2 /NDF:94.0/3

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 358.761 $\pm$ 4.037 χ^2 /NDF:30.1/1

Left: 314.667 $\pm$ 2.345 χ^2 /NDF: 304.1/5

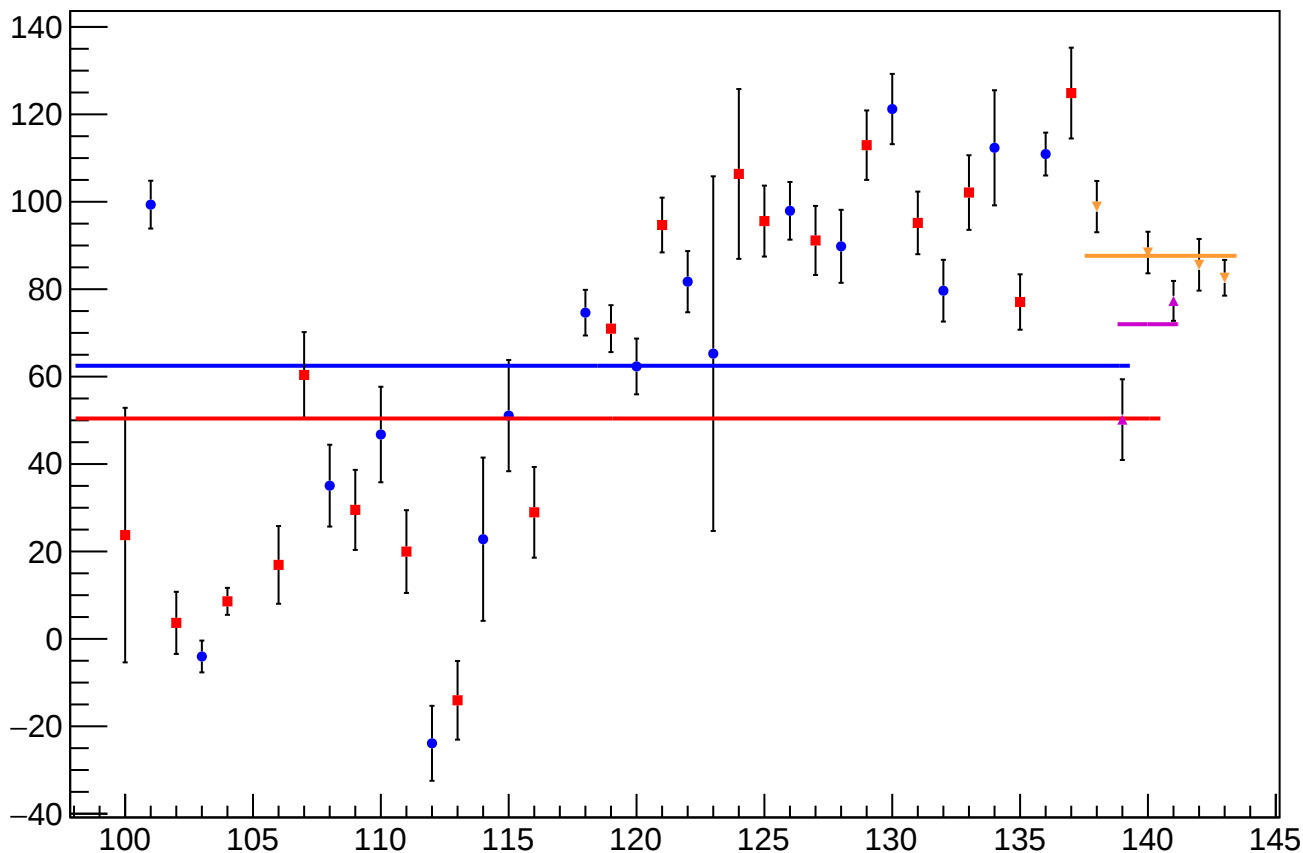
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 291.499 $\pm$ 2.113 χ^2 /NDF:8056.5/18

Out: 274.516 $\pm$ 1.869 χ^2 /NDF:8368.7/22

All: 281.971 $\pm$ 1.400 χ^2 /NDF: 16461.4/41

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: 87.641 $\pm$ 2.486 χ^2 /NDF: 5.3/3

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: 83.423 $\pm$ 2.125 χ^2 /NDF: 23.0/5

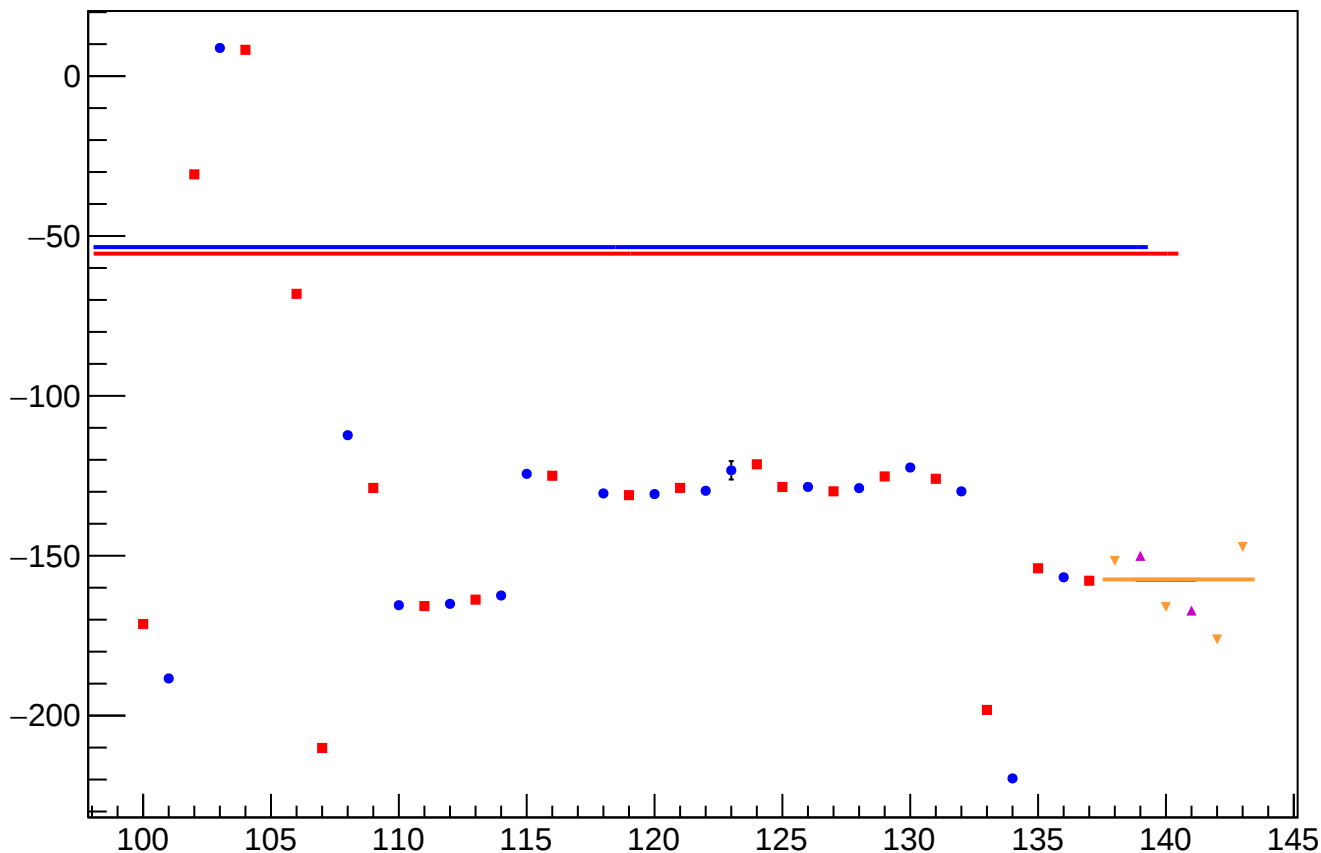
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 63.856 $\pm$ 1.555 χ^2 /NDF: 732.3/18

Out: 61.721 $\pm$ 1.370 χ^2 /NDF: 812.8/22

All: 62.654 $\pm$ 1.028 χ^2 /NDF: 1546.2/41

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -157.416 ± 0.118 $\chi^2/\text{NDF}: 7625.0/3$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -157.552 ± 0.152 $\chi^2/\text{NDF}: 3118.2/1$

Left: -157.467 ± 0.093 $\chi^2/\text{NDF}: 10743.7/5$

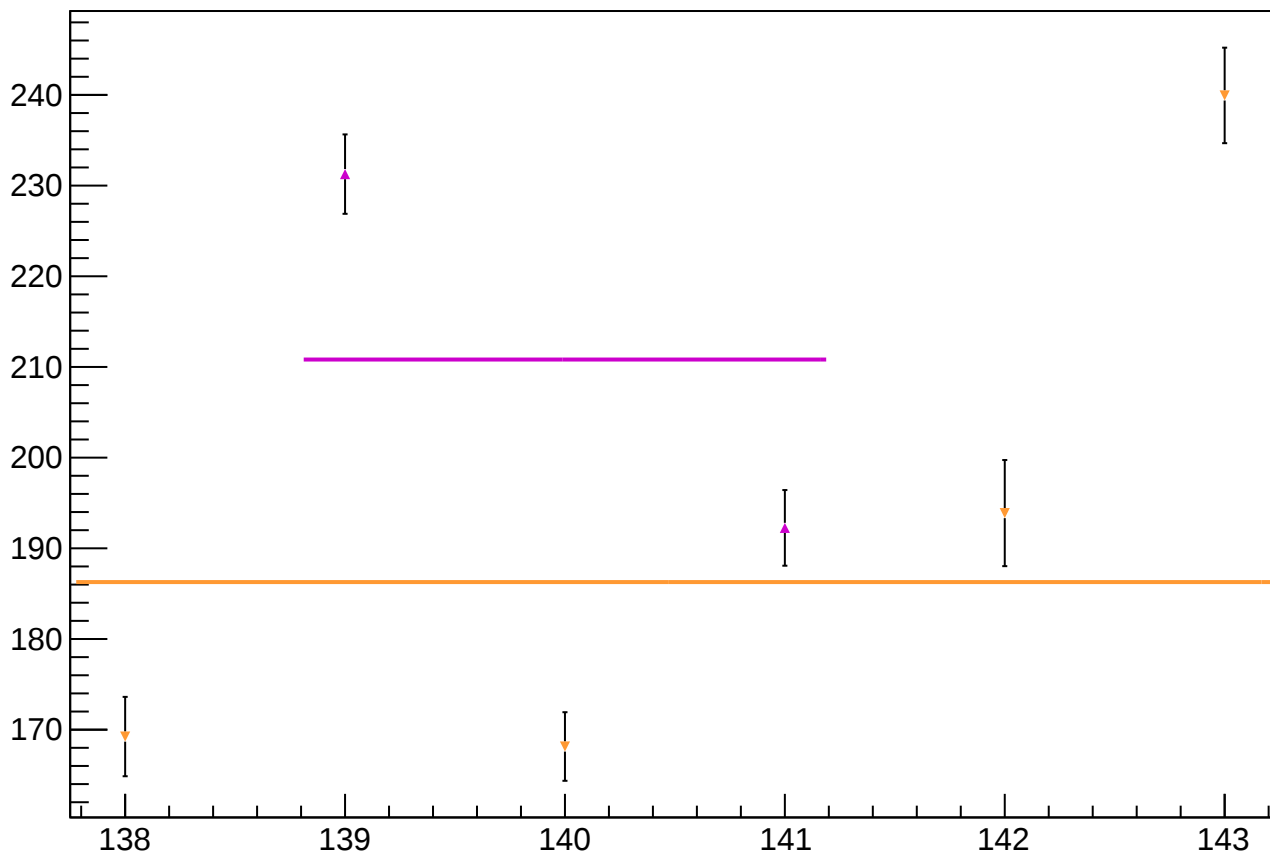
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -71.808 ± 0.064 $\chi^2/\text{NDF}: 1617677.0/18$

Out: -82.972 ± 0.061 $\chi^2/\text{NDF}: 1518577.8/22$

All: -77.601 ± 0.044 $\chi^2/\text{NDF}: 3152134.8/41$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 186.278+/-2.310 χ^2/NDF :143.7/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 210.818+/-3.020 χ^2/NDF :41.6/1

Left: 195.336+/-1.835 χ^2/NDF : 226.9/5

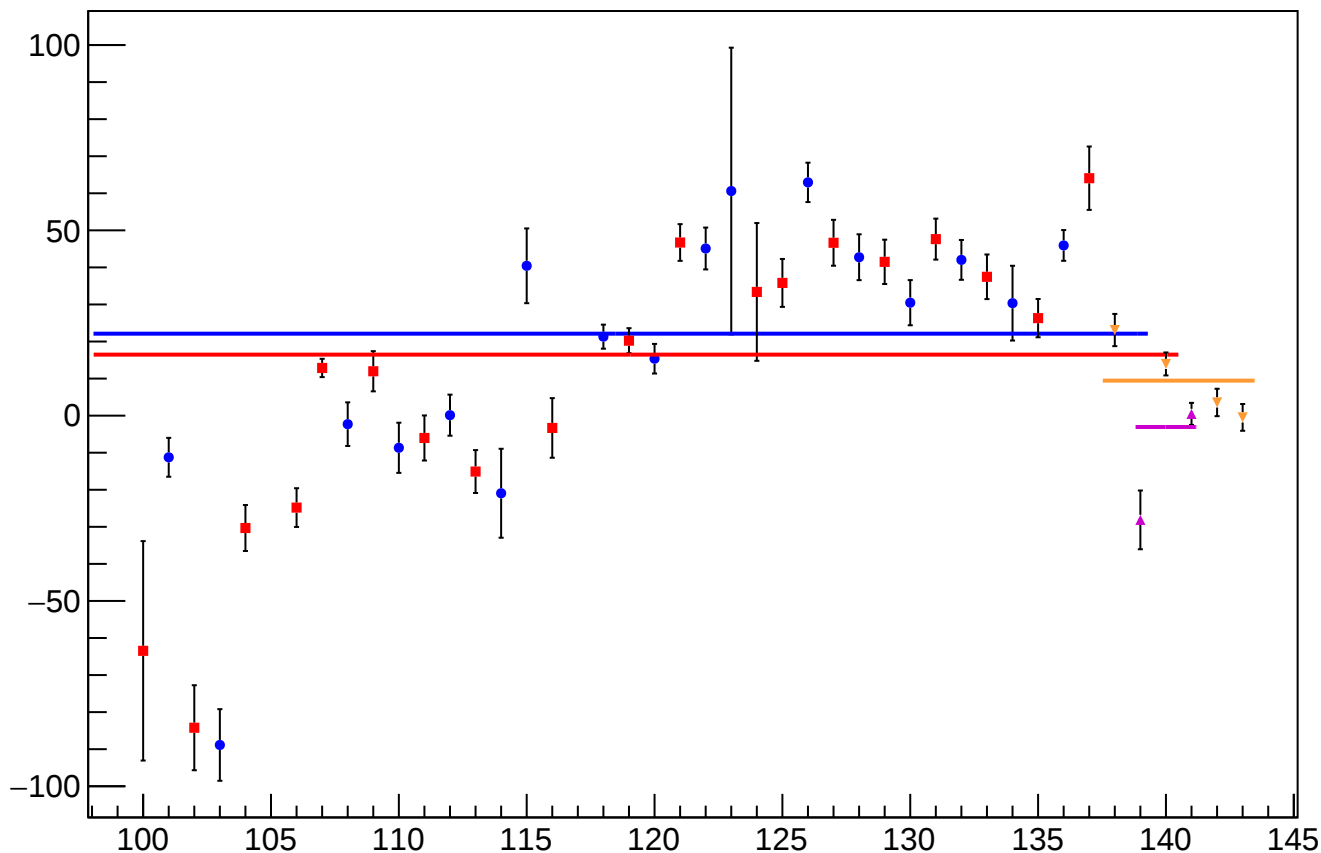
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 210.818+/-3.020 χ^2/NDF :41.6/1

Out: 186.278+/-2.310 χ^2/NDF :143.7/3

All: 195.336+/-1.835 χ^2/NDF : 226.9/5

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: 9.447 $\pm$ 1.805 χ^2 /NDF:22.0/3

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: 5.746 $\pm$ 1.515 χ^2 /NDF: 47.7/5

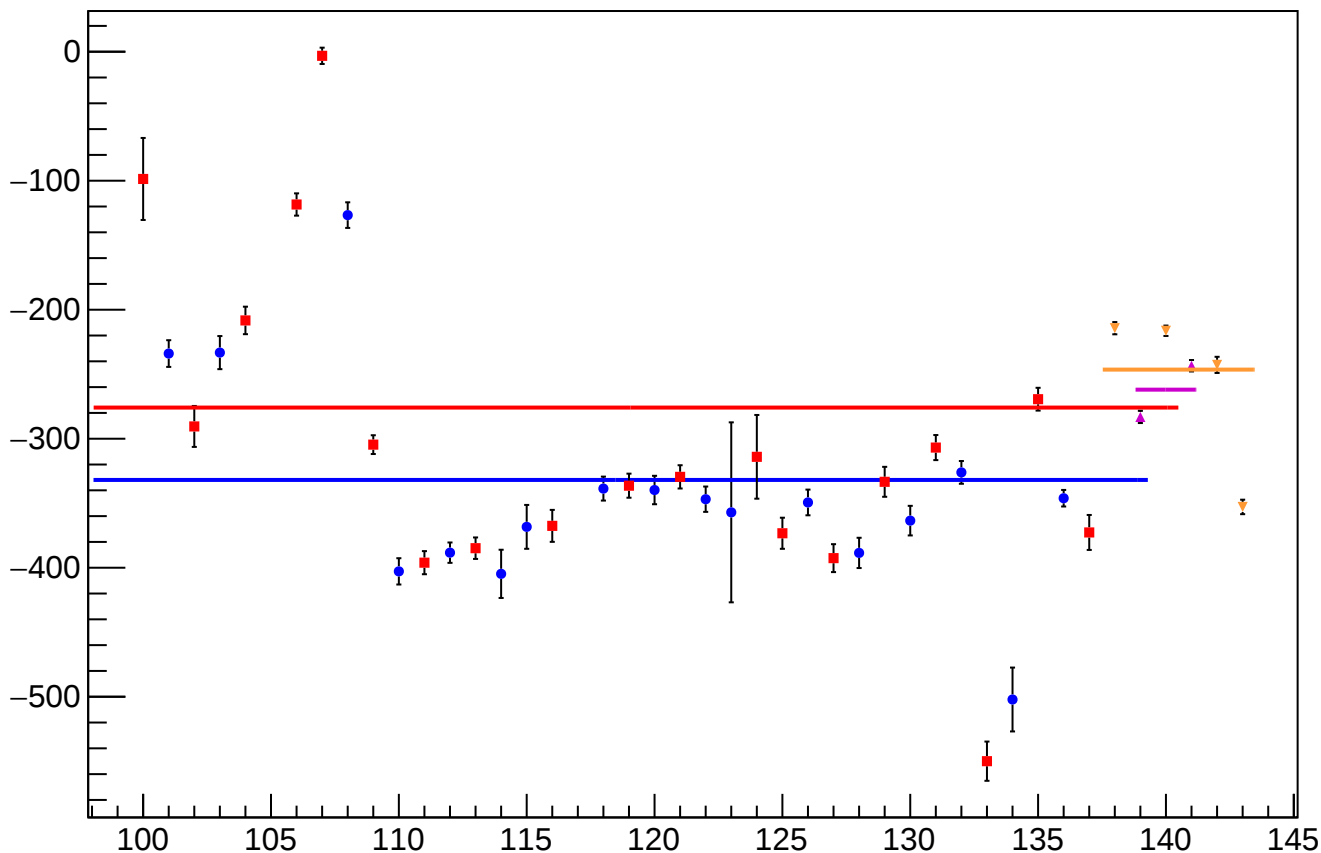
Right: 18.970 $\pm$ 0.916 χ^2 /NDF: 815.5/35

In: 17.176 $\pm$ 1.234 χ^2 /NDF:459.1/18

Out: 14.245 $\pm$ 1.015 χ^2 /NDF:456.5/22

All: 15.428 $\pm$ 0.784 χ^2 /NDF: 918.9/41

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -246.421 ± 2.475 $\chi^2/\text{NDF}: 461.3/3$

Right Out: -275.853 ± 2.323 $\chi^2/\text{NDF}: 3361.7/18$

Left In: -261.969 ± 3.237 $\chi^2/\text{NDF}: 37.4/1$

Left: -252.156 ± 1.966 $\chi^2/\text{NDF}: 513.2/5$

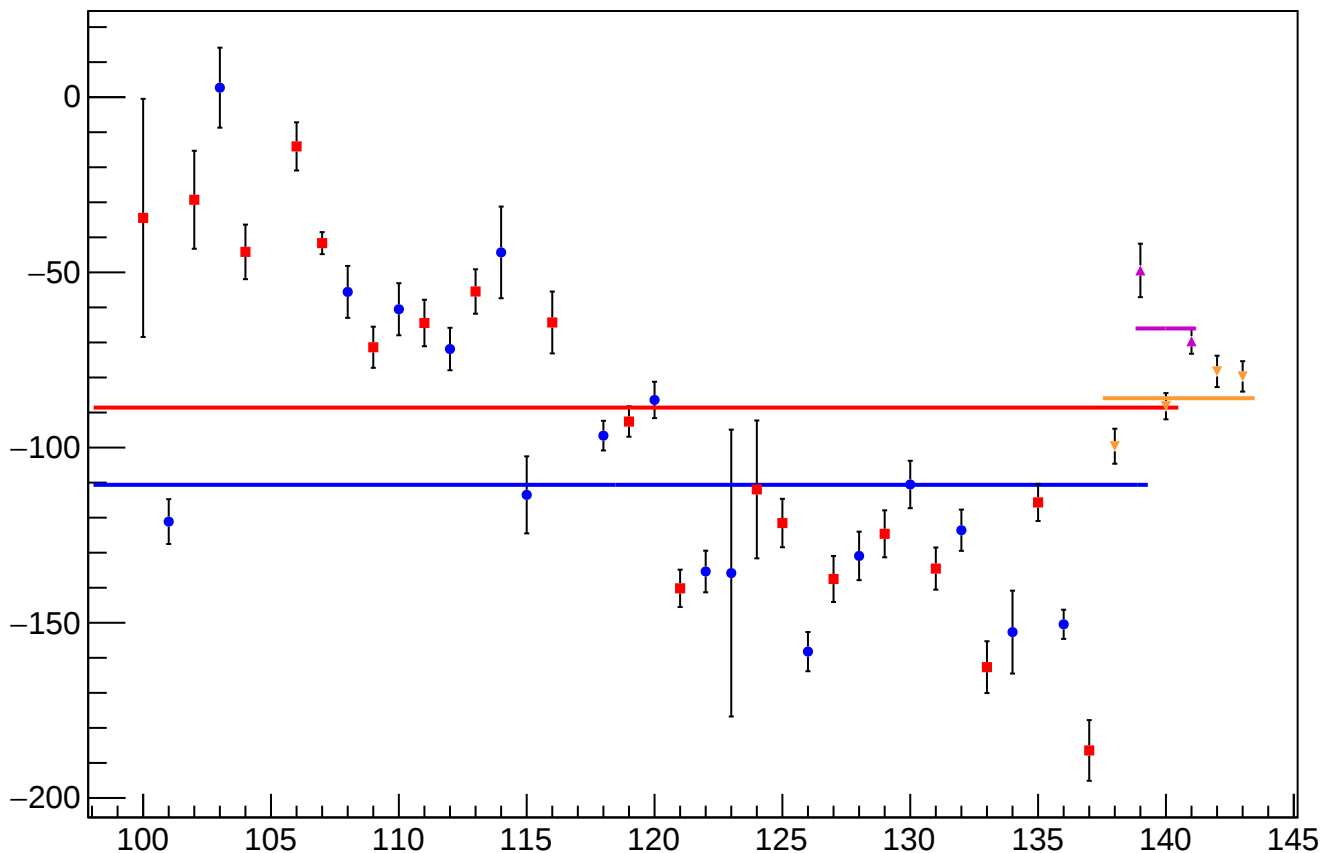
Right: -301.110 ± 1.723 $\chi^2/\text{NDF}: 4409.7/35$

In: -304.933 ± 2.012 $\chi^2/\text{NDF}: 1109.9/18$

Out: -262.065 ± 1.694 $\chi^2/\text{NDF}: 3898.1/22$

All: -279.850 ± 1.296 $\chi^2/\text{NDF}: 5273.7/41$

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: -85.914 ± 2.158 χ^2/NDF : 12.9/3

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -66.007 ± 3.241 χ^2/NDF : 5.7/1

Left: -79.798 ± 1.797 χ^2/NDF : 44.7/5

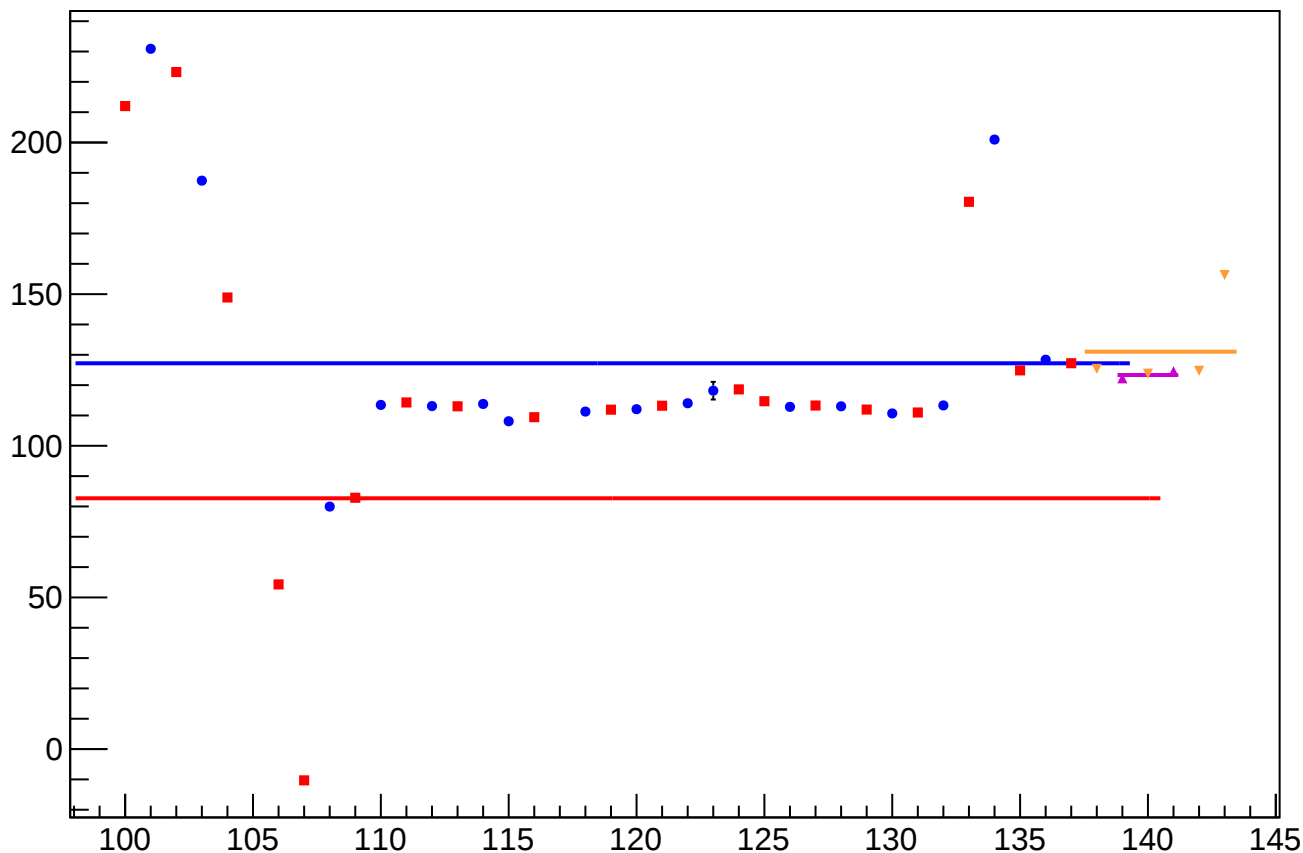
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -102.055 ± 1.421 χ^2/NDF : 667.7/18

Out: -87.769 ± 1.194 χ^2/NDF : 980.4/22

All: -93.681 ± 0.914 χ^2/NDF : 1707.4/41

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: 131.022 $\pm$ 0.102 χ^2 /NDF:15702.7/3

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: 127.878 $\pm$ 0.078 χ^2 /NDF: 18108.3/5

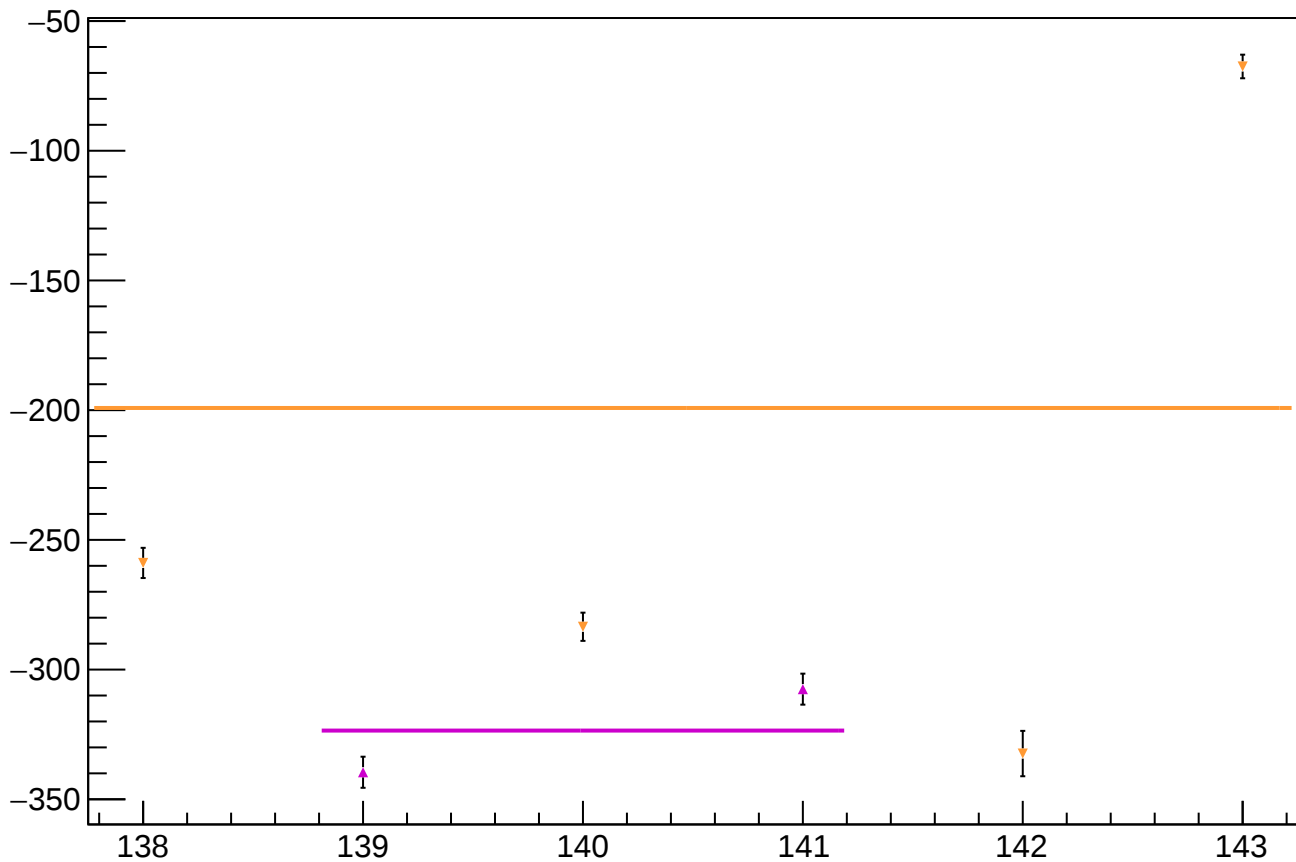
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 125.870 $\pm$ 0.072 χ^2 /NDF:188765.4/18

Out: 99.709 $\pm$ 0.061 χ^2 /NDF:926545.0/22

All: 110.539 $\pm$ 0.046 χ^2 /NDF: 1192476.5/41

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -199.156 ± 2.831 $\chi^2/\text{NDF}: 1415.3/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -323.512 ± 4.231 $\chi^2/\text{NDF}: 14.3/1$

Left: -237.618 ± 2.353 $\chi^2/\text{NDF}: 2026.3/5$

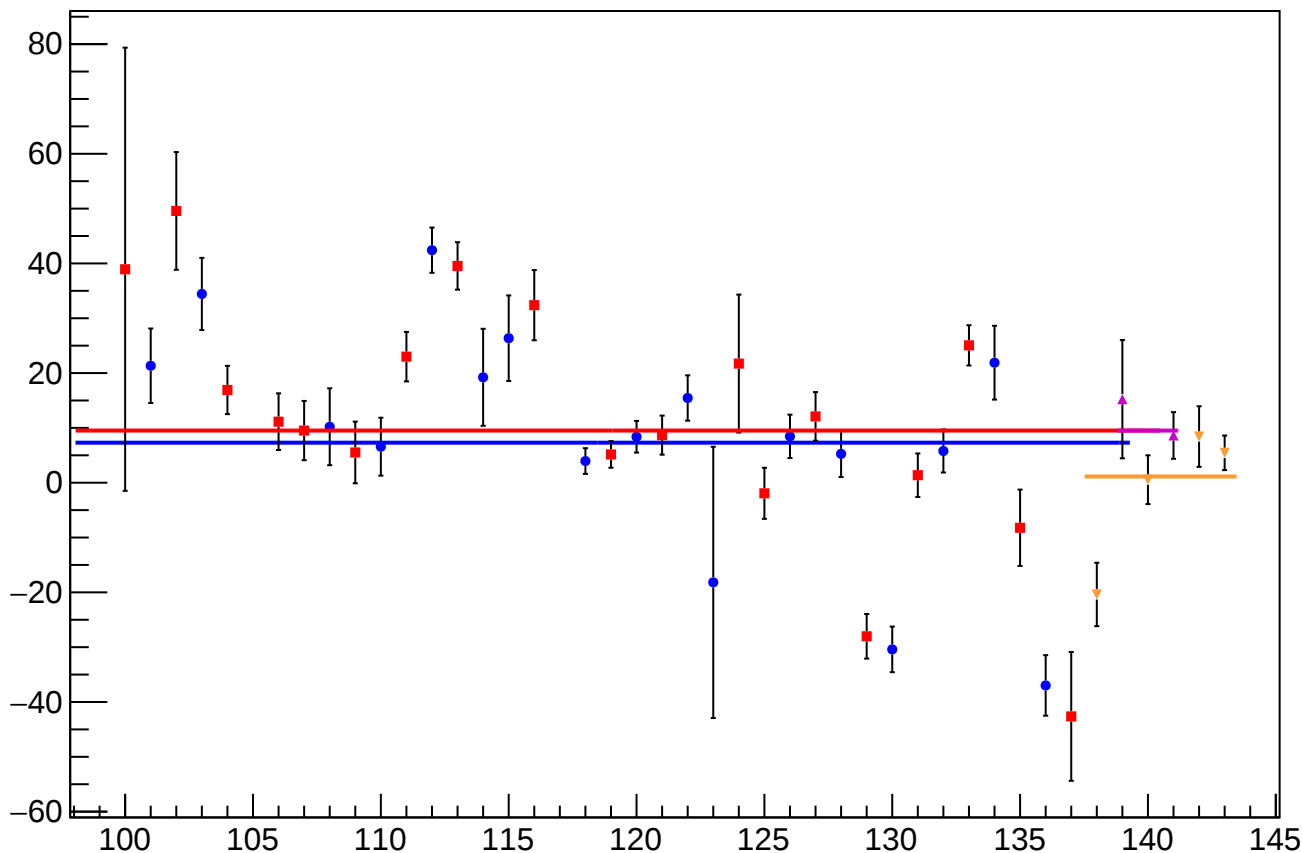
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -323.512 ± 4.231 $\chi^2/\text{NDF}: 14.3/1$

Out: -199.156 ± 2.831 $\chi^2/\text{NDF}: 1415.3/3$

All: -237.618 ± 2.353 $\chi^2/\text{NDF}: 2026.3/5$

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: 1.133 ± 2.163 χ^2/NDF : 17.5/3

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: 3.059 ± 1.898 χ^2/NDF : 21.3/5

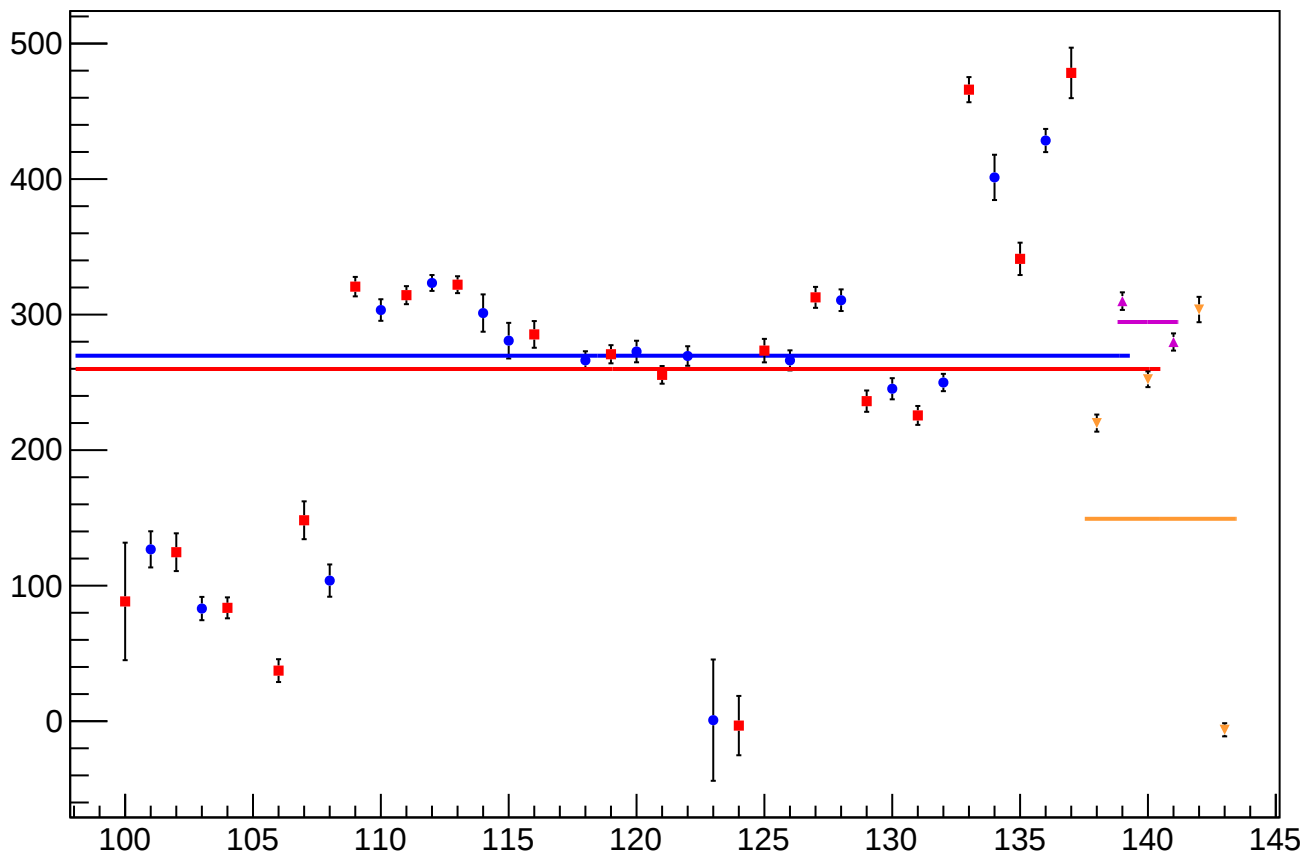
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 7.457 ± 1.047 χ^2/NDF : 261.3/18

Out: 7.859 ± 0.961 χ^2/NDF : 261.2/22

All: 7.675 ± 0.708 χ^2/NDF : 522.5/41

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: 149.332 $\pm$ 3.031 χ^2 /NDF:1742.8/3

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: 194.109 $\pm$ 2.521 χ^2 /NDF: 2461.6/5

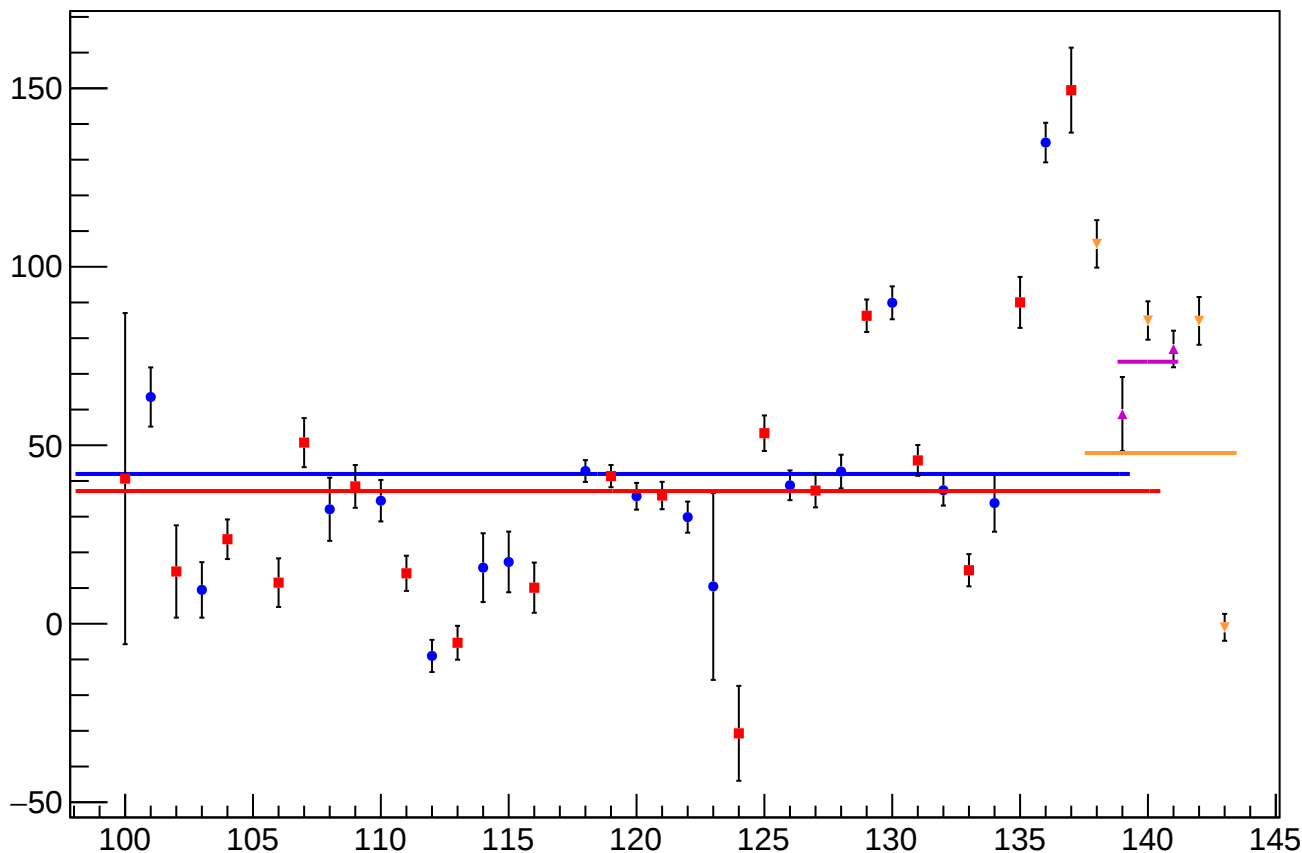
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 273.967 $\pm$ 1.888 χ^2 /NDF:1412.5/18

Out: 226.883 $\pm$ 1.656 χ^2 /NDF:5219.6/22

All: 247.353 $\pm$ 1.245 χ^2 /NDF: 6983.6/41

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: 47.831 $\pm$ 2.582 χ^2 /NDF:323.9/3

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: 53.965 $\pm$ 2.251 χ^2 /NDF: 349.9/5

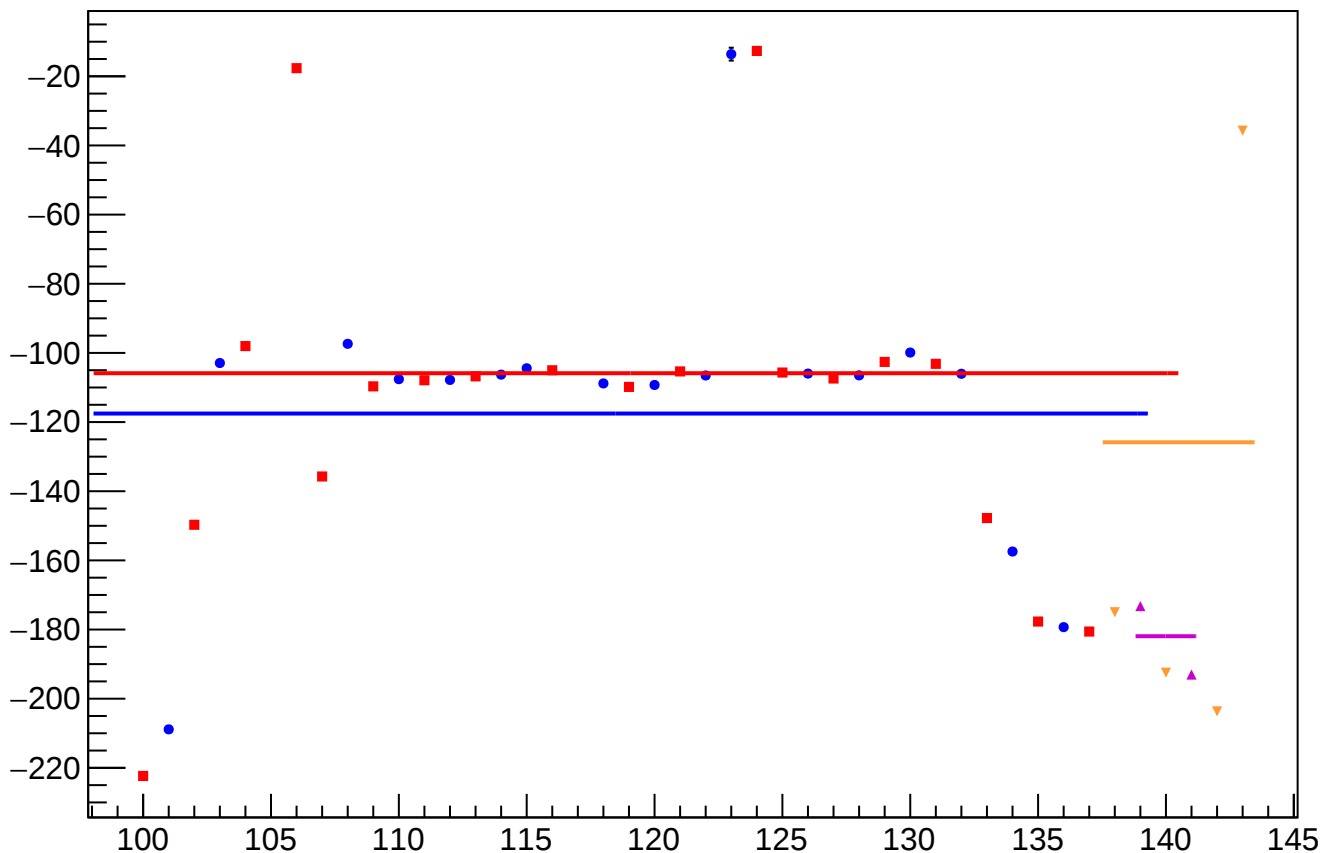
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 44.151 $\pm$ 1.214 χ^2 /NDF:620.3/18

Out: 39.160 $\pm$ 1.115 χ^2 /NDF:808.7/22

All: 41.444 $\pm$ 0.821 χ^2 /NDF: 1438.1/41

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -125.842+/-0.124 χ^2/NDF : 364415.7/3

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -181.935+/-0.171 χ^2/NDF : 3314.6/1

Left: -145.223+/-0.100 χ^2/NDF : 438325.4/5

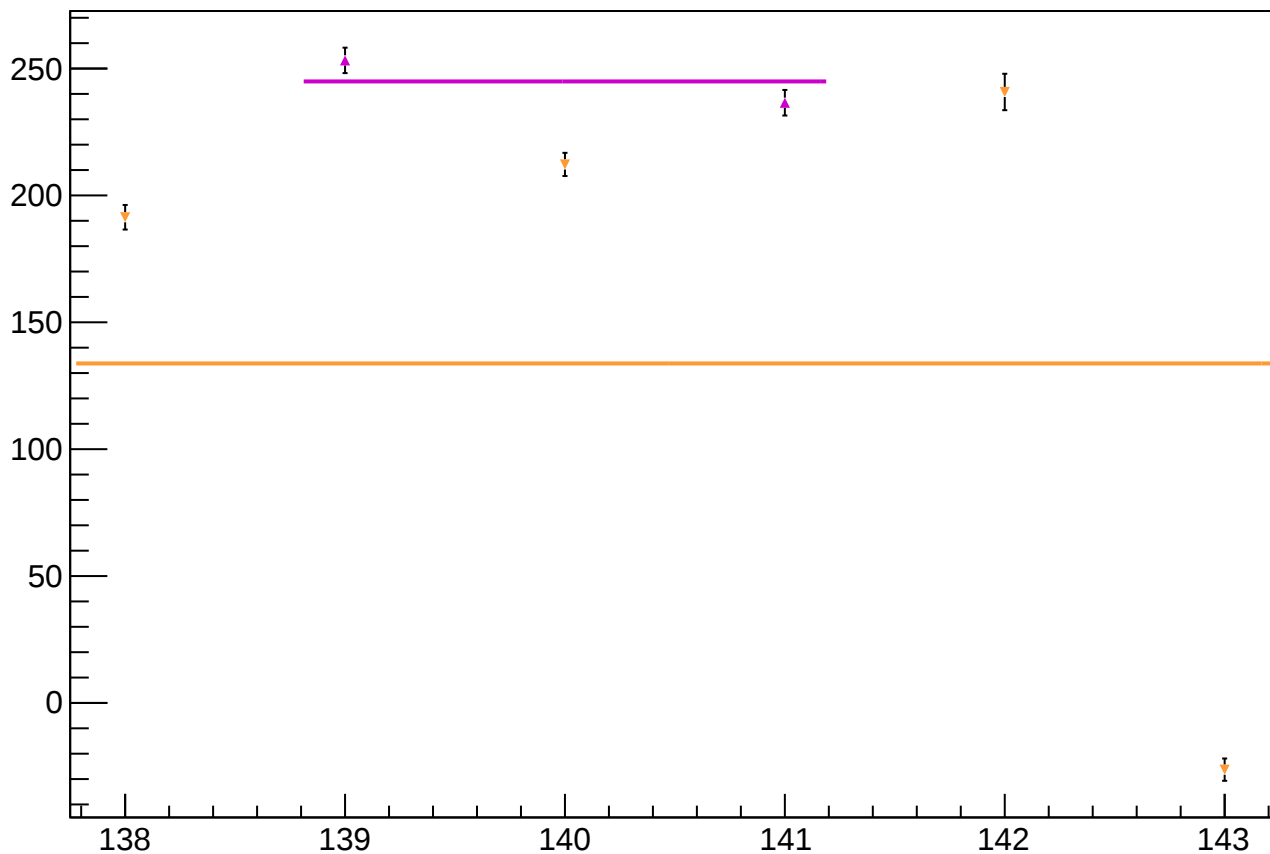
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -128.677+/-0.071 χ^2/NDF : 262938.2/18

Out: -110.979+/-0.063 χ^2/NDF : 708012.9/22

All: -118.739+/-0.047 χ^2/NDF : 1005797.1/41

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: 133.791+/-2.487 χ^2/NDF :1984.7/3

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: 170.329+/-2.038 χ^2/NDF : 2646.7/5

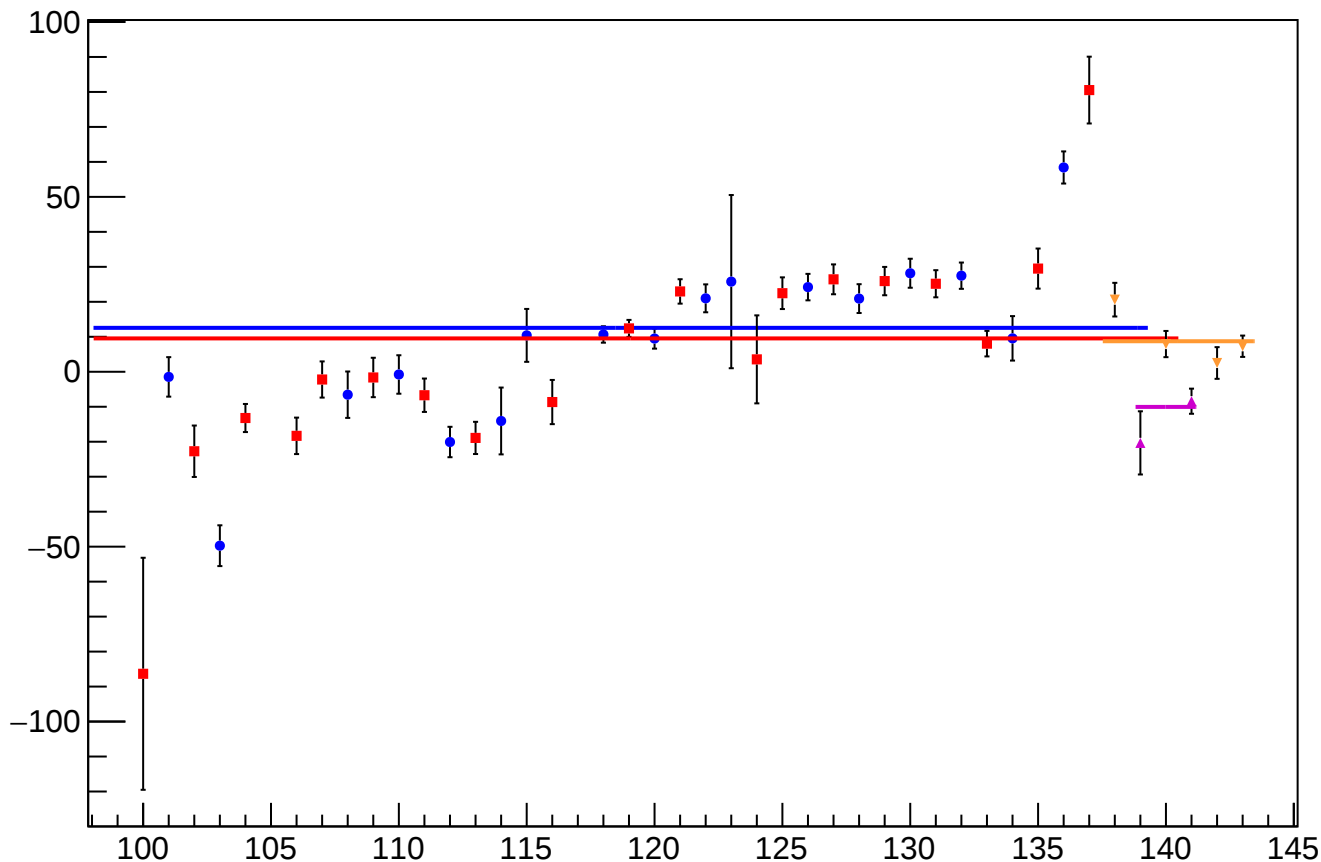
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.918+/-3.553 χ^2/NDF :5.5/1

Out: 133.791+/-2.487 χ^2/NDF :1984.7/3

All: 170.329+/-2.038 χ^2/NDF : 2646.7/5

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: 8.728 $\pm$ 1.922 χ^2 /NDF:8.3/3

Right Out: 9.535 $\pm$ 1.049 χ^2 /NDF: 295.8/18

Left In: -10.045 $\pm$ 3.338 χ^2 /NDF:1.5/1

Left: 4.056 $\pm$ 1.665 χ^2 /NDF: 33.5/5

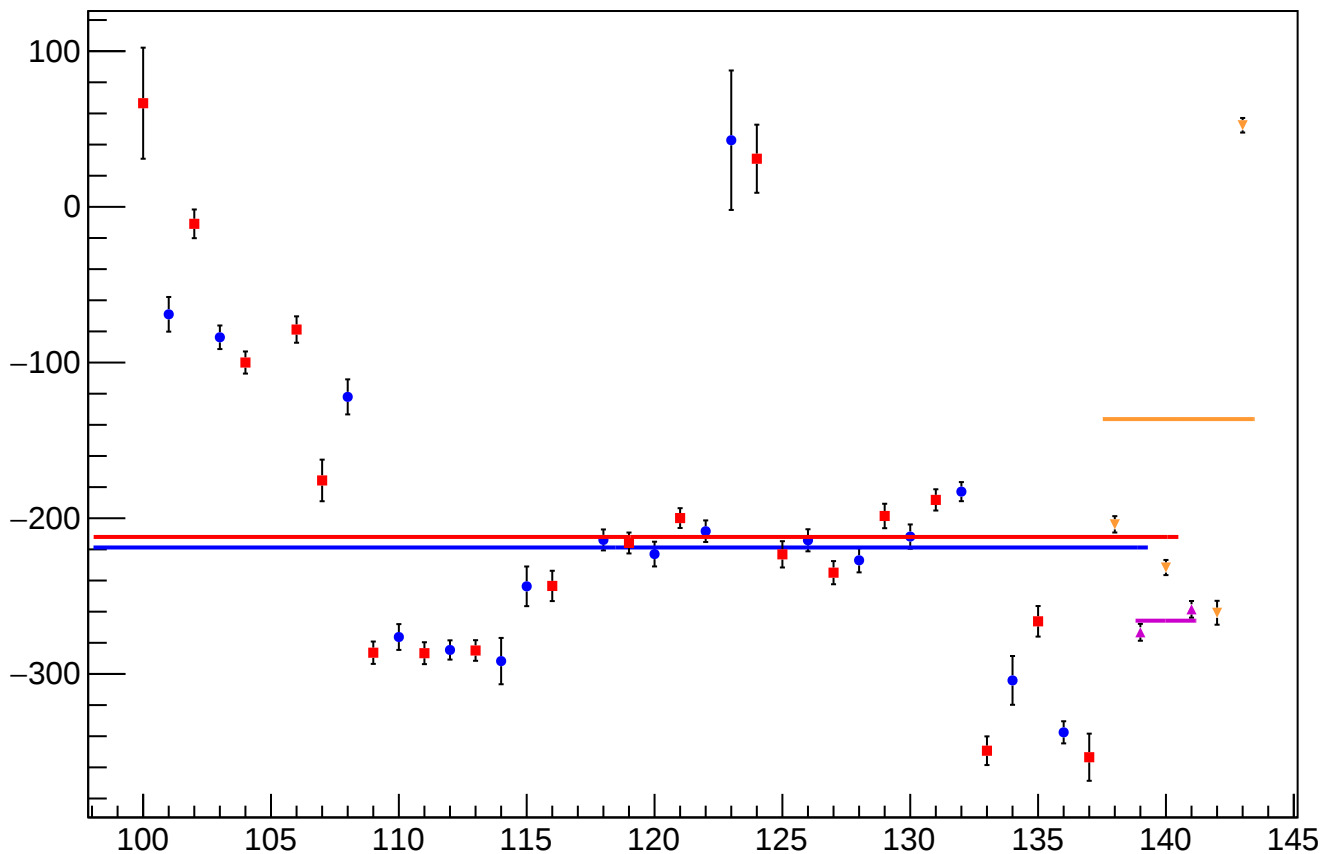
Right: 11.035 $\pm$ 0.745 χ^2 /NDF: 648.5/35

In: 10.498 $\pm$ 1.008 χ^2 /NDF:391.7/18

Out: 9.350 $\pm$ 0.921 χ^2 /NDF:304.2/22

All: 9.872 $\pm$ 0.680 χ^2 /NDF: 696.7/41

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: -136.312 ± 2.664 $\chi^2/\text{NDF}: 2432.3/3$

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: -178.786 ± 2.184 $\chi^2/\text{NDF}: 3211.1/5$

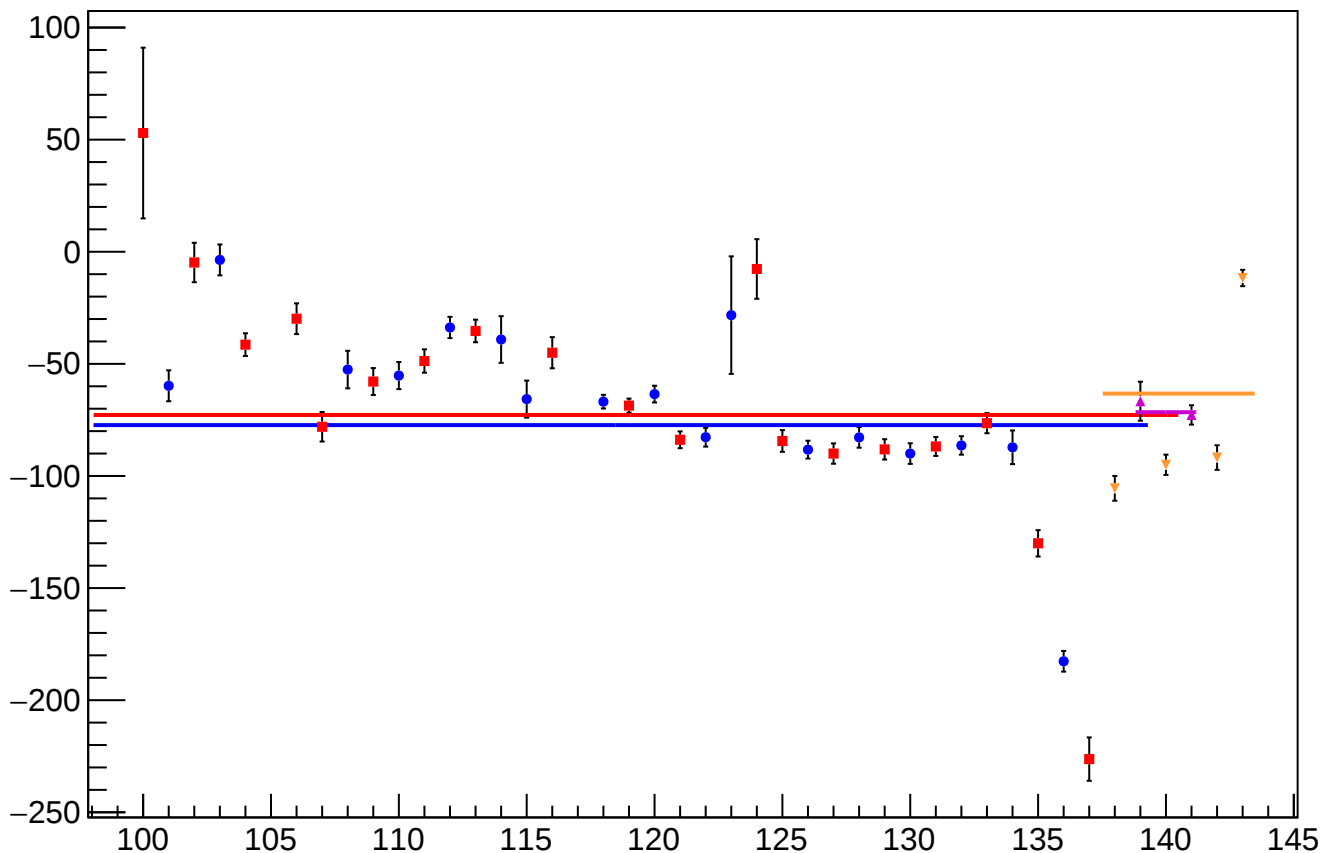
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -228.998 ± 1.778 $\chi^2/\text{NDF}: 1267.2/18$

Out: -186.062 ± 1.559 $\chi^2/\text{NDF}: 4848.7/22$

All: -204.728 ± 1.172 $\chi^2/\text{NDF}: 6445.4/41$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -63.253 ± 2.293 χ^2/NDF : 335.1/3

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -71.559 ± 3.872 χ^2/NDF : 0.4/1

Left: -65.409 ± 1.973 χ^2/NDF : 338.9/5

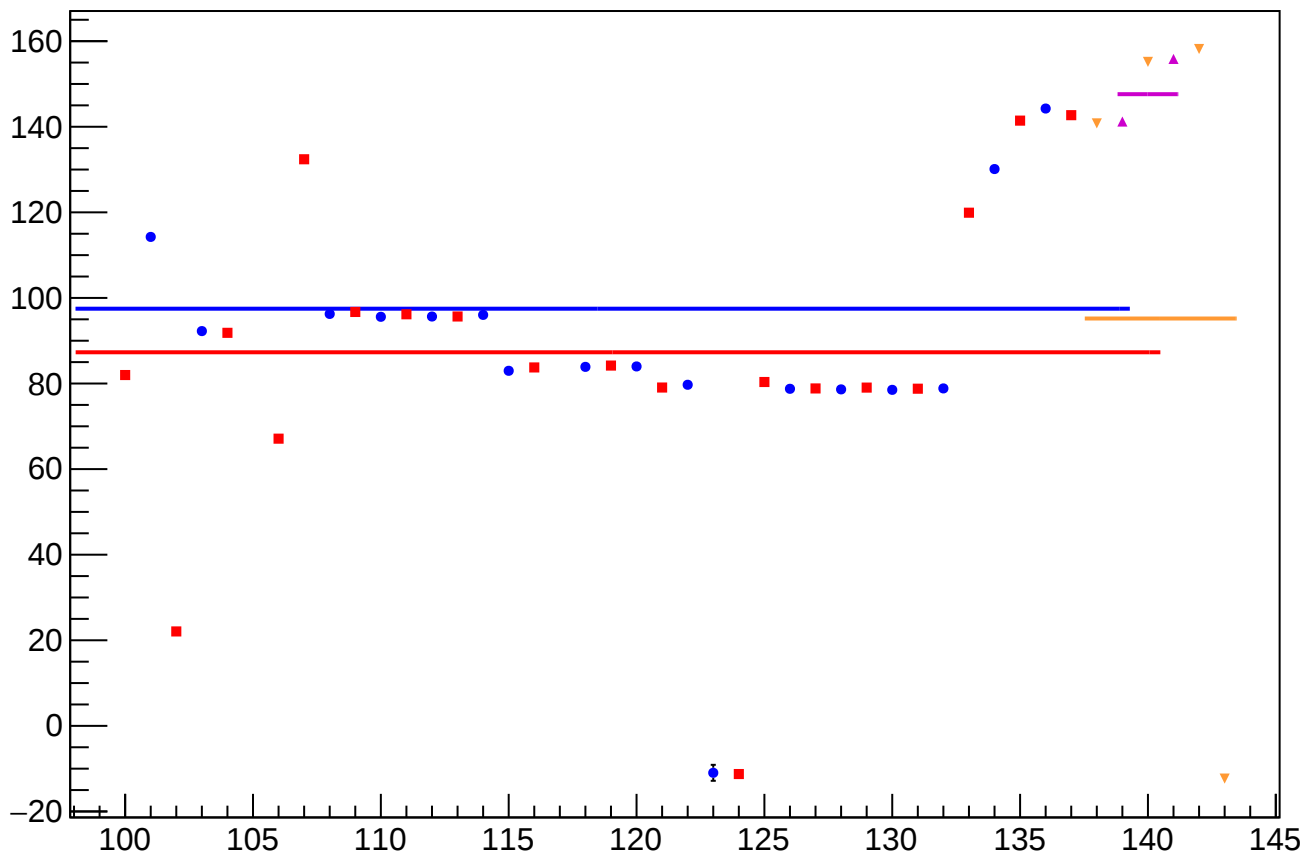
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -76.797 ± 1.165 χ^2/NDF : 820.1/18

Out: -70.725 ± 1.068 χ^2/NDF : 1020.4/22

All: -73.497 ± 0.787 χ^2/NDF : 1855.3/41

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: 95.191+/-0.109 χ^2/NDF : 495181.8/3

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: 114.428+/-0.087 χ^2/NDF : 582275.5/5

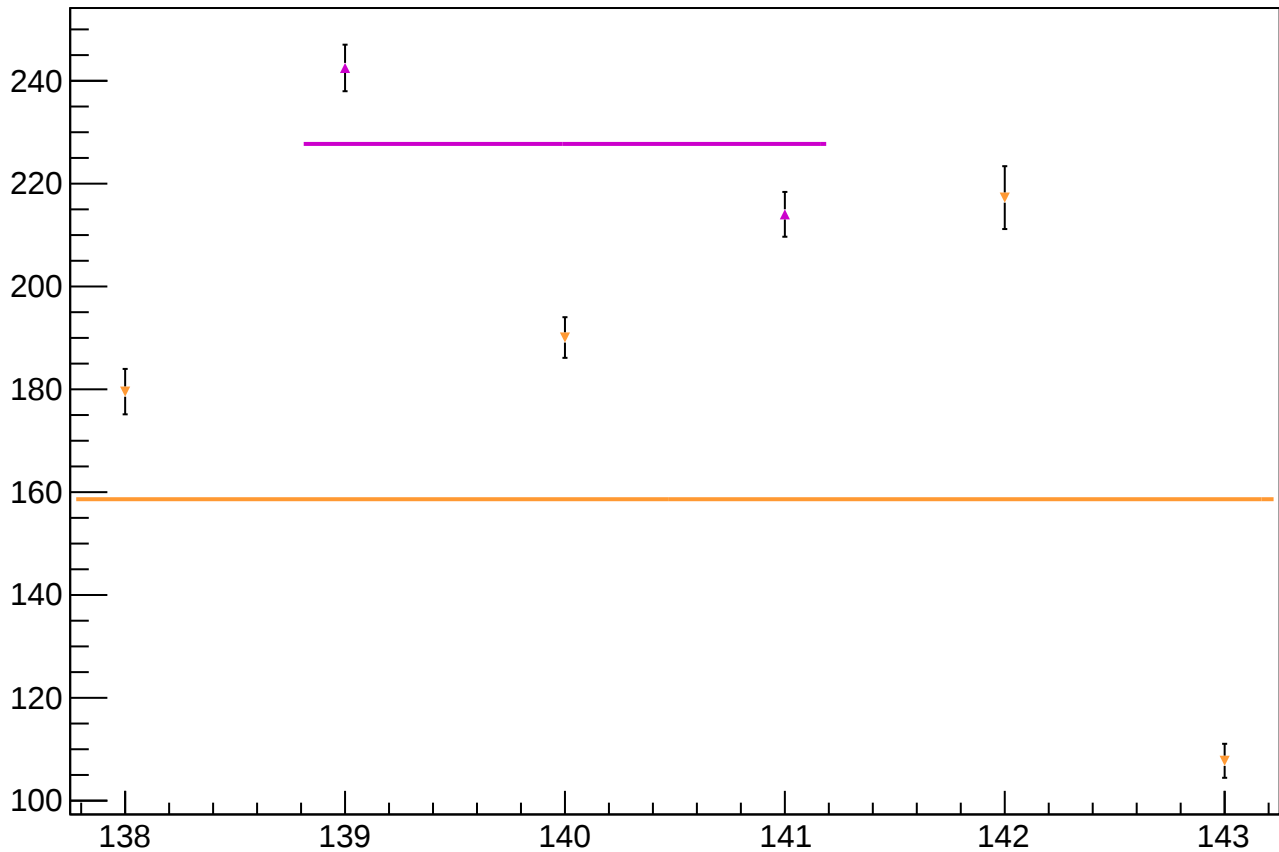
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 107.877+/-0.065 χ^2/NDF : 193751.3/18

Out: 89.514+/-0.058 χ^2/NDF : 720822.1/22

All: 97.588+/-0.043 χ^2/NDF : 958855.5/41

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: 158.628+/-2.070 χ^2/NDF :414.6/3

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: 179.560+/-1.728 χ^2/NDF : 772.8/5

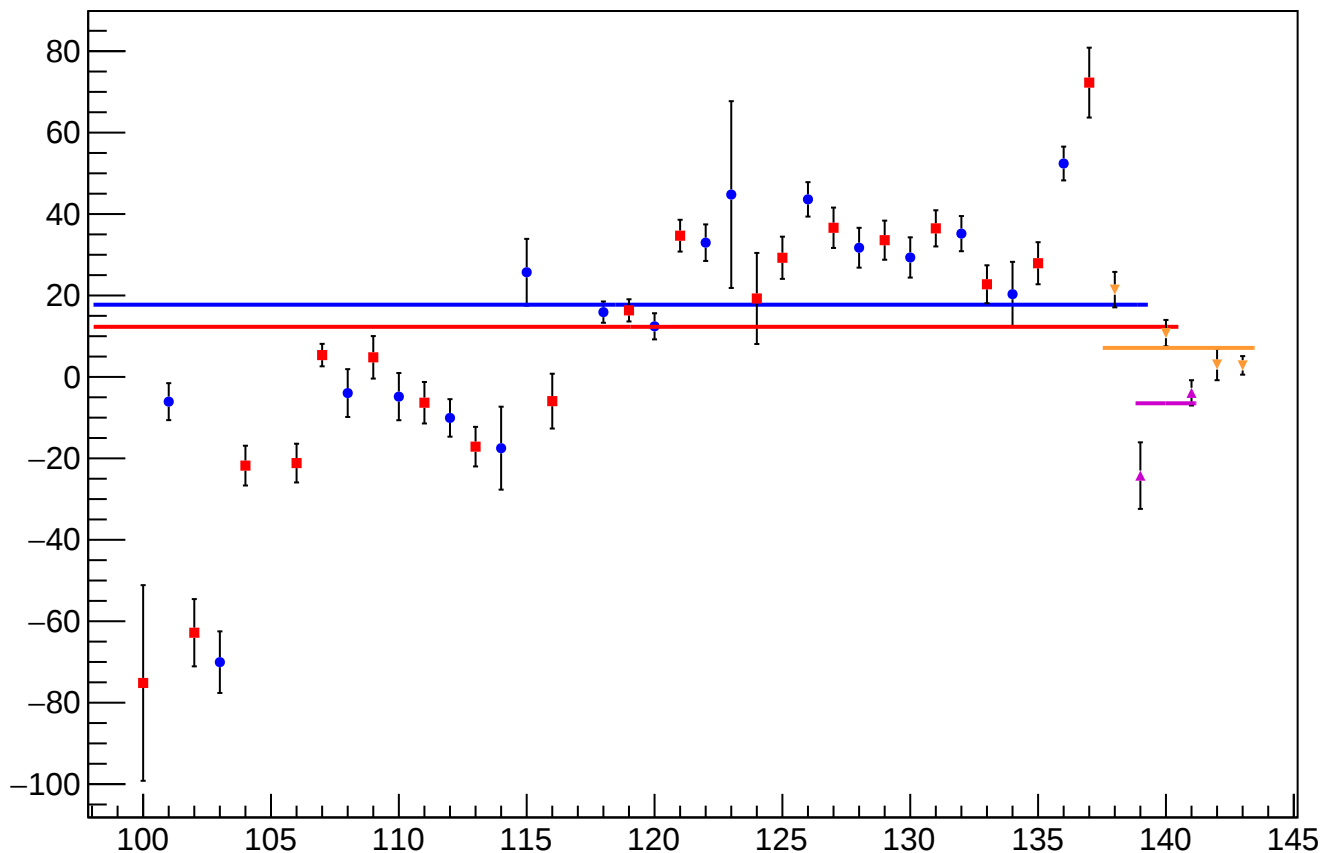
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 227.726+/-3.139 χ^2/NDF :20.5/1

Out: 158.628+/-2.070 χ^2/NDF :414.6/3

All: 179.560+/-1.728 χ^2/NDF : 772.8/5

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: 7.129 $\pm$ 1.566 χ^2 /NDF:16.7/3

Right Out: 12.306 $\pm$ 1.084 χ^2 /NDF: 442.5/18

Left In: -6.475 $\pm$ 2.902 χ^2 /NDF:5.4/1

Left: 4.062 $\pm$ 1.378 χ^2 /NDF: 39.2/5

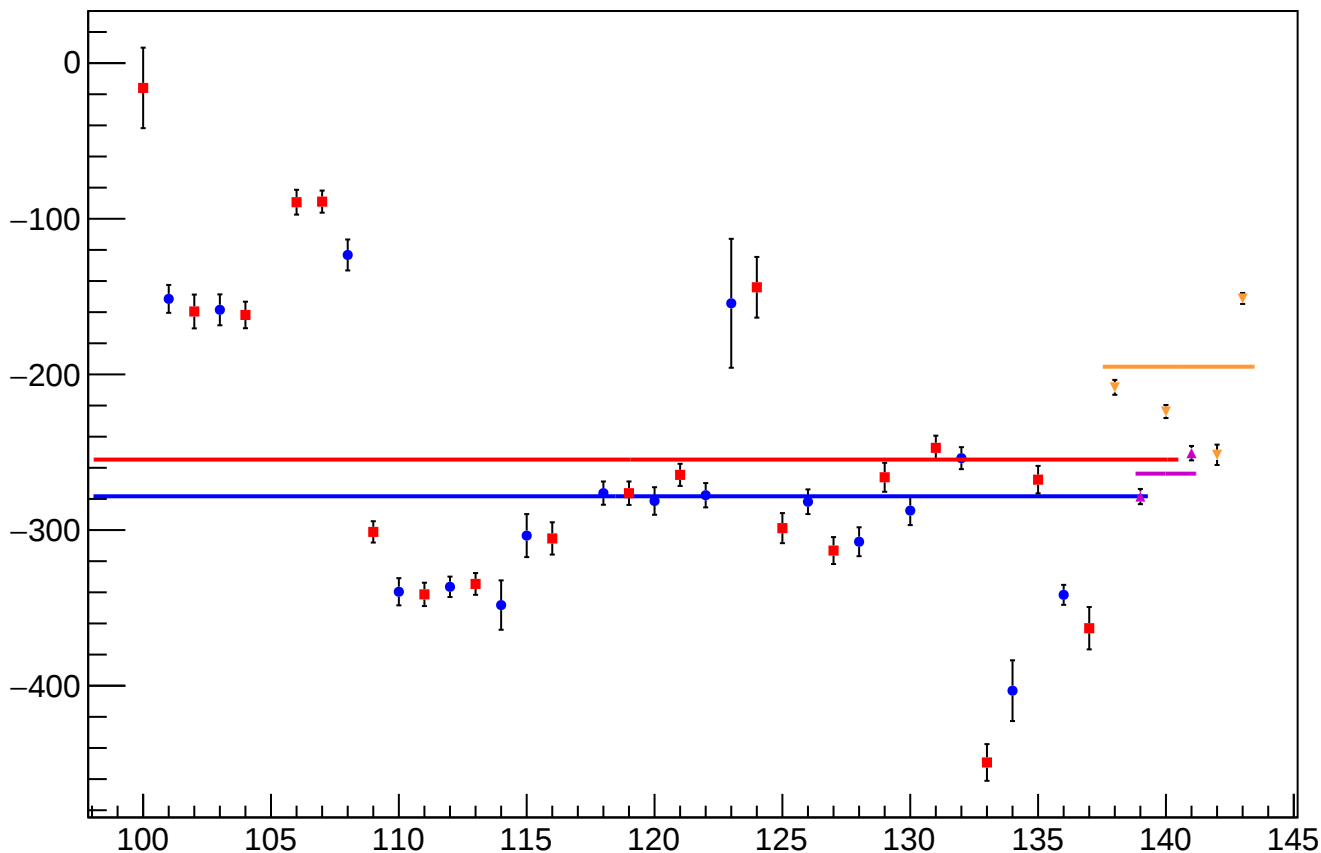
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 14.458 $\pm$ 1.068 χ^2 /NDF:459.6/18

Out: 10.628 $\pm$ 0.891 χ^2 /NDF:466.6/22

All: 12.201 $\pm$ 0.684 χ^2 /NDF: 933.7/41

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -195.037 ± 2.215 χ^2/NDF : 284.0/3

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -263.751 ± 3.366 χ^2/NDF : 17.1/1

Left: -215.799 ± 1.850 χ^2/NDF : 591.9/5

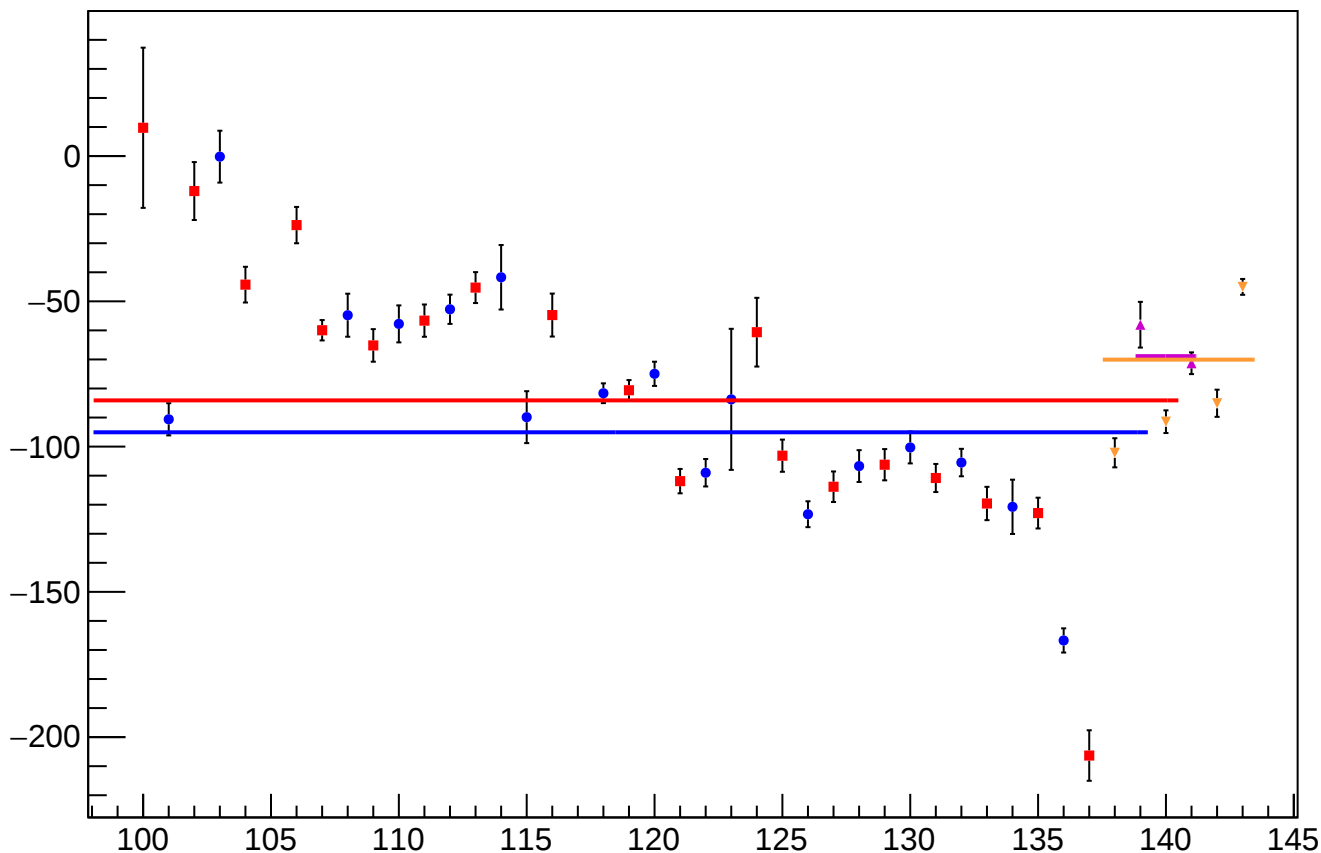
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -274.018 ± 1.825 χ^2/NDF : 940.2/18

Out: -227.635 ± 1.492 χ^2/NDF : 2718.5/22

All: -246.214 ± 1.155 χ^2/NDF : 4045.9/41

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -70.069 ± 1.872 $\chi^2/\text{NDF}: 165.3/3$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -68.869 ± 3.377 $\chi^2/\text{NDF}: 2.3/1$

Left: -69.787 ± 1.638 $\chi^2/\text{NDF}: 167.7/5$

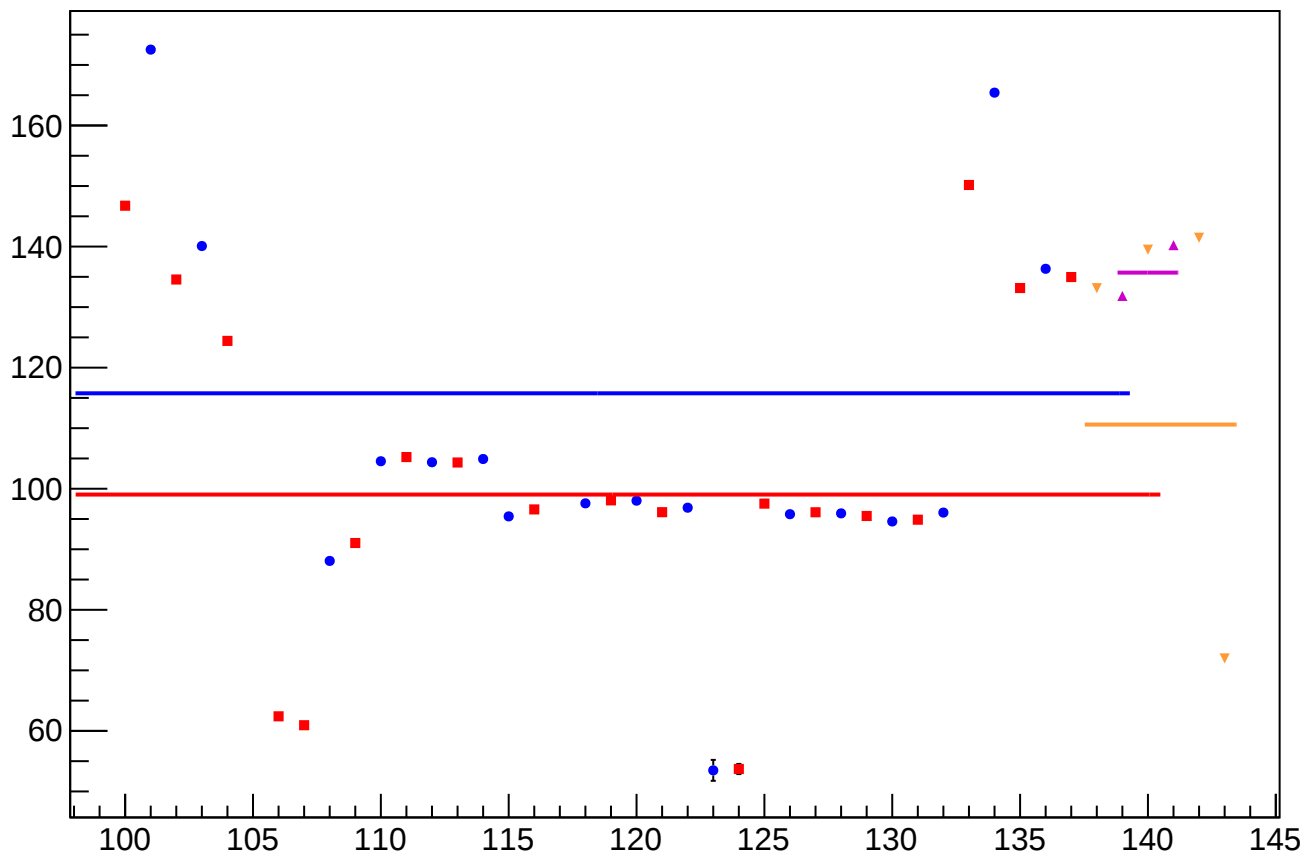
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -91.576 ± 1.234 $\chi^2/\text{NDF}: 727.7/18$

Out: -79.737 ± 1.044 $\chi^2/\text{NDF}: 984.3/22$

All: -84.675 ± 0.797 $\chi^2/\text{NDF}: 1765.7/41$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 110.600+/-0.091 χ^2/NDF :126544.9/3

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 135.698+/-0.127 χ^2/NDF :1078.3/1

Left: 119.069+/-0.074 χ^2/NDF : 153399.2/5

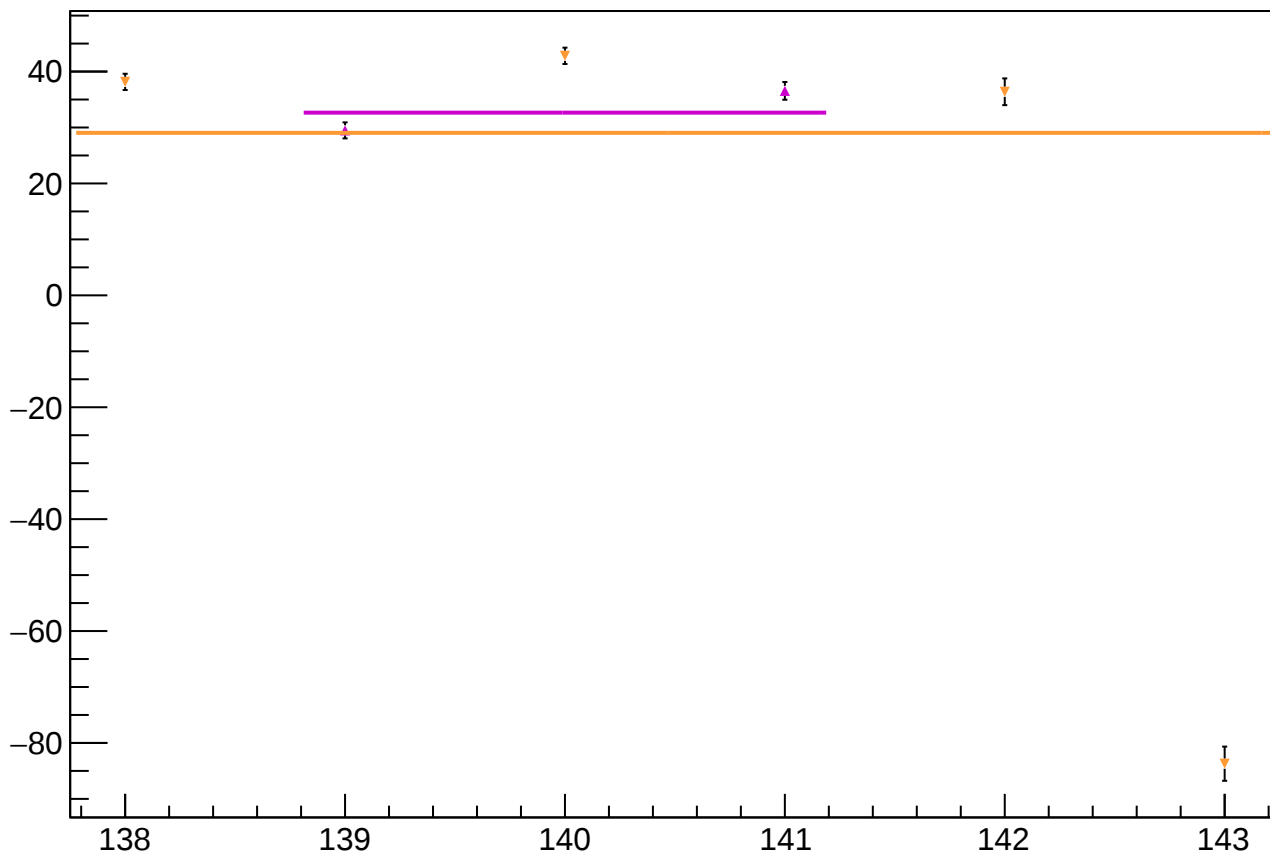
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 121.216+/-0.067 χ^2/NDF :125206.1/18

Out: 103.228+/-0.055 χ^2/NDF :310357.5/22

All: 110.476+/-0.042 χ^2/NDF : 479177.0/41

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: 29.043+/-0.903 χ^2/NDF :1499.4/3

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: 30.556+/-0.688 χ^2/NDF : 1517.0/5

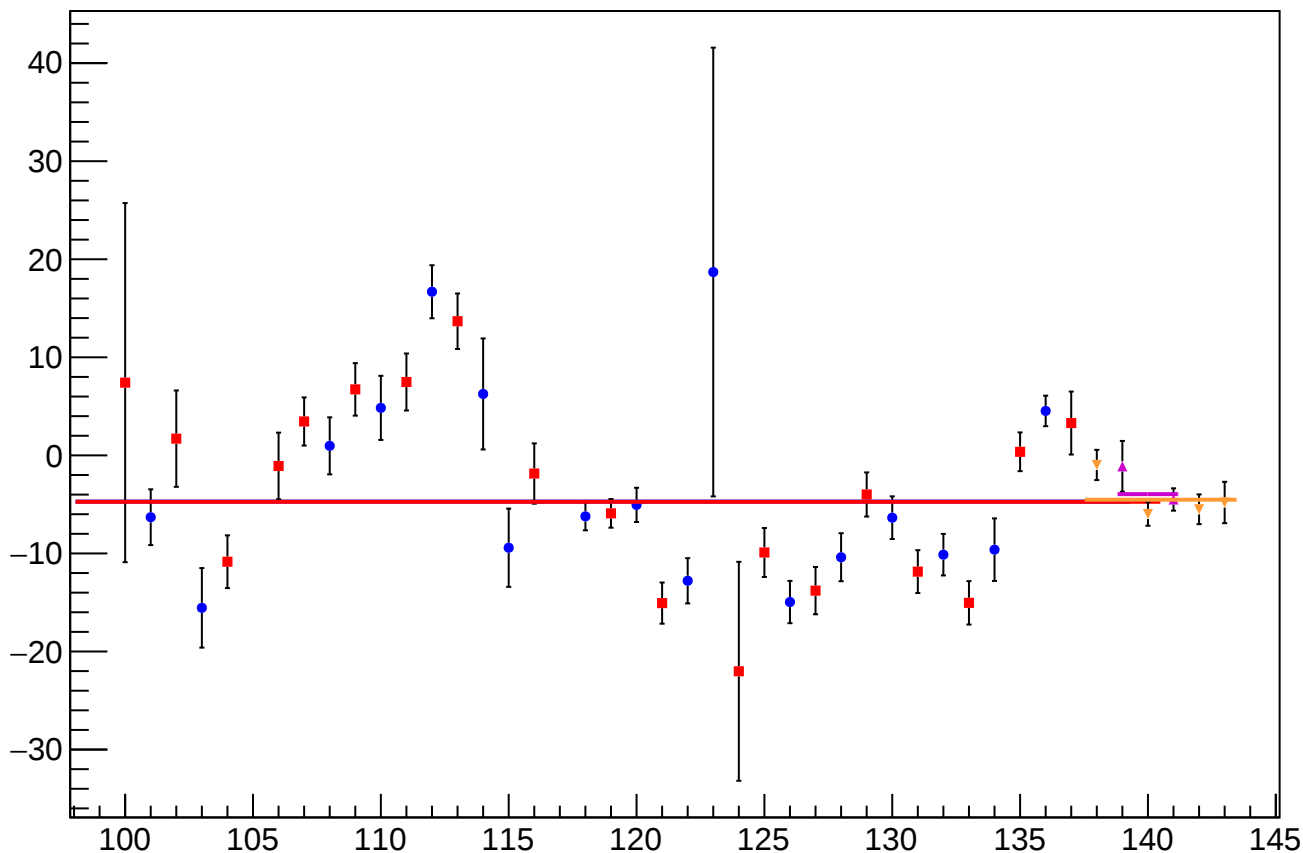
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 32.654+/-1.063 χ^2/NDF :10.9/1

Out: 29.043+/-0.903 χ^2/NDF :1499.4/3

All: 30.556+/-0.688 χ^2/NDF : 1517.0/5

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: -4.521 $\pm$ 0.751 χ^2 /NDF: 7.2/3

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: -4.326 $\pm$ 0.609 χ^2 /NDF: 8.8/5

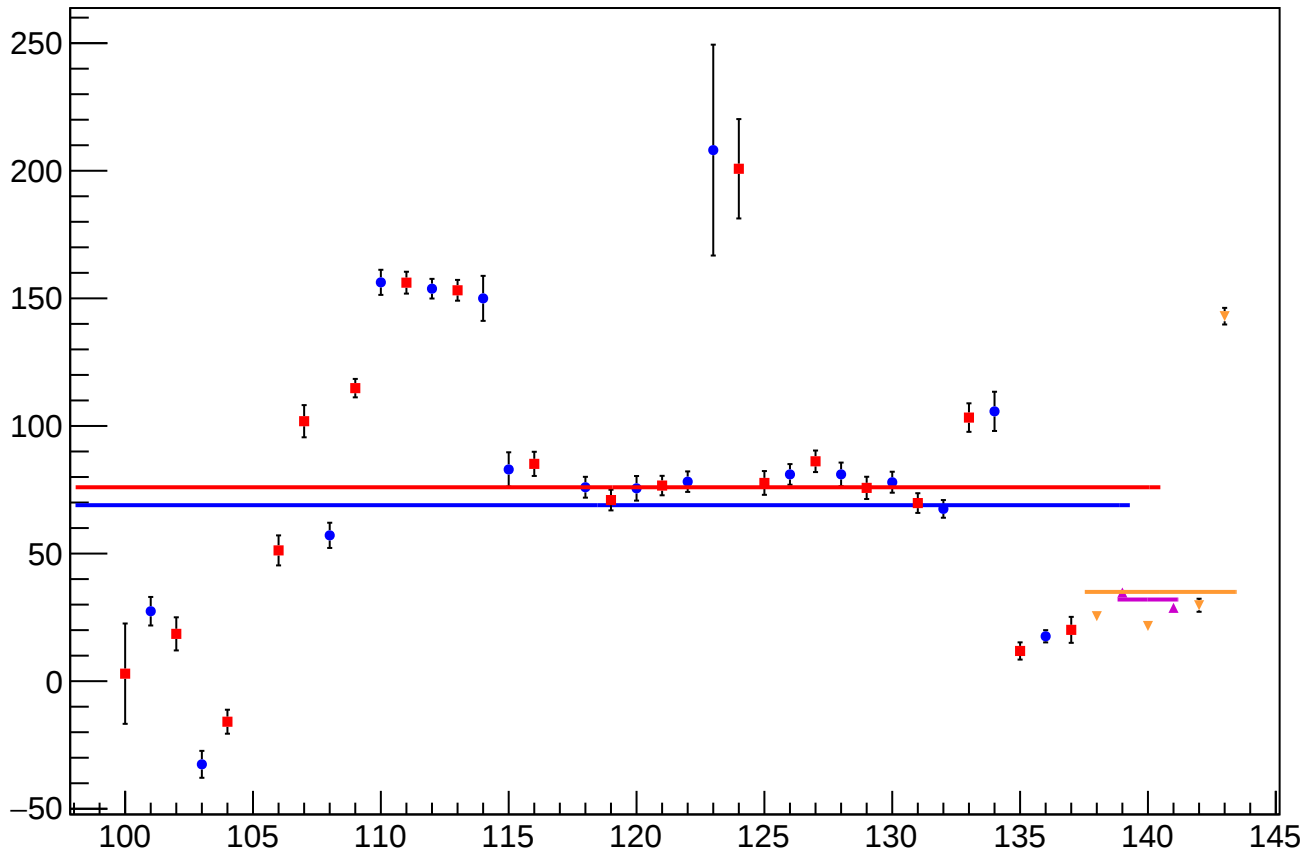
Right: -4.723 $\pm$ 0.412 χ^2 /NDF: 364.4/35

In: -4.533 $\pm$ 0.507 χ^2 /NDF: 176.5/18

Out: -4.653 $\pm$ 0.462 χ^2 /NDF: 197.0/22

All: -4.598 $\pm$ 0.341 χ^2 /NDF: 373.5/41

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: 34.979 $\pm$ 0.969 χ^2 /NDF:1213.4/3

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: 33.729 $\pm$ 0.739 χ^2 /NDF: 1224.2/5

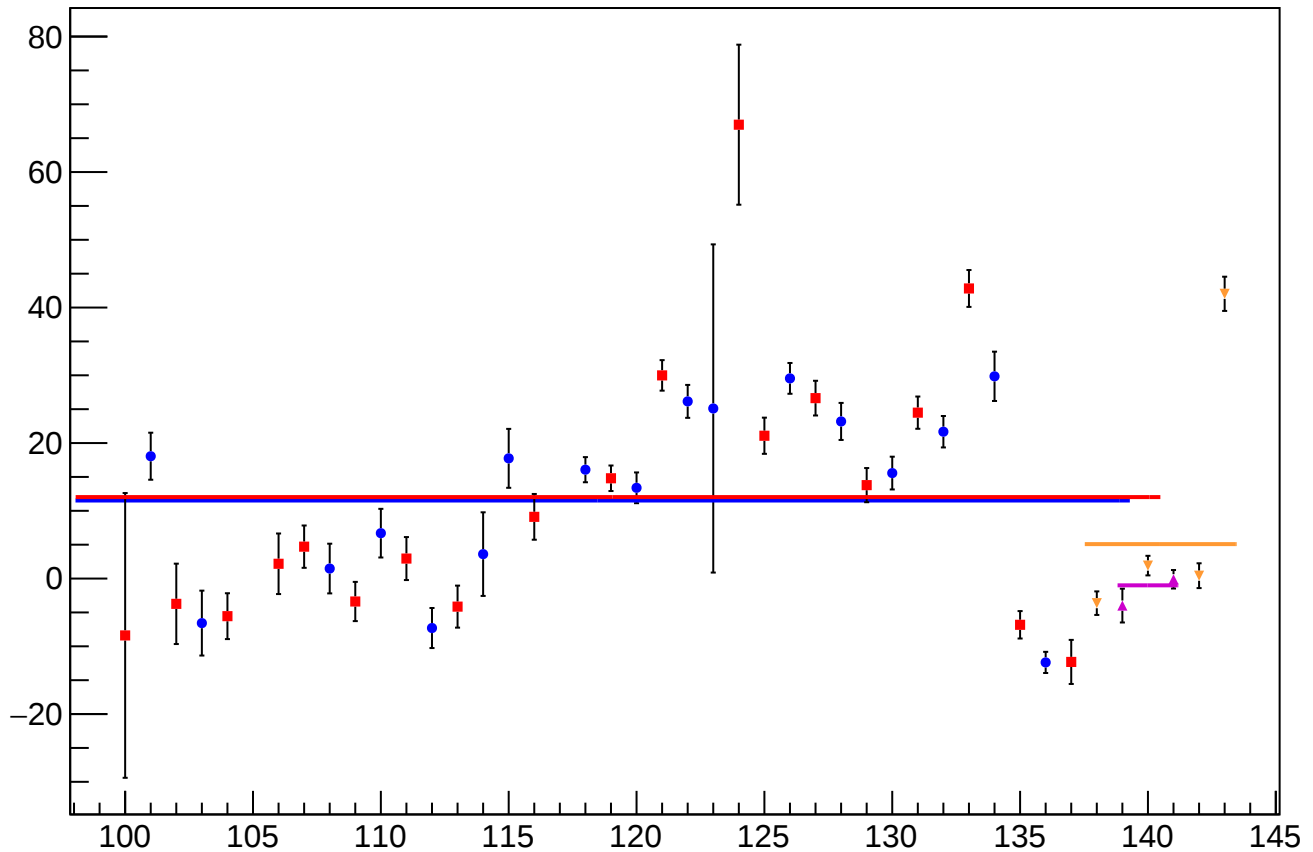
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 51.522 $\pm$ 0.784 χ^2 /NDF:2404.6/18

Out: 53.471 $\pm$ 0.718 χ^2 /NDF:3915.3/22

All: 52.582 $\pm$ 0.530 χ^2 /NDF: 6323.3/41

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: 5.085+/-0.889 χ^2/NDF : 250.5/3

Right Out: 12.026+/-0.664 χ^2/NDF : 539.7/18

Left In: -1.000+/-1.197 χ^2/NDF : 1.9/1

Left: 2.922+/-0.714 χ^2/NDF : 269.0/5

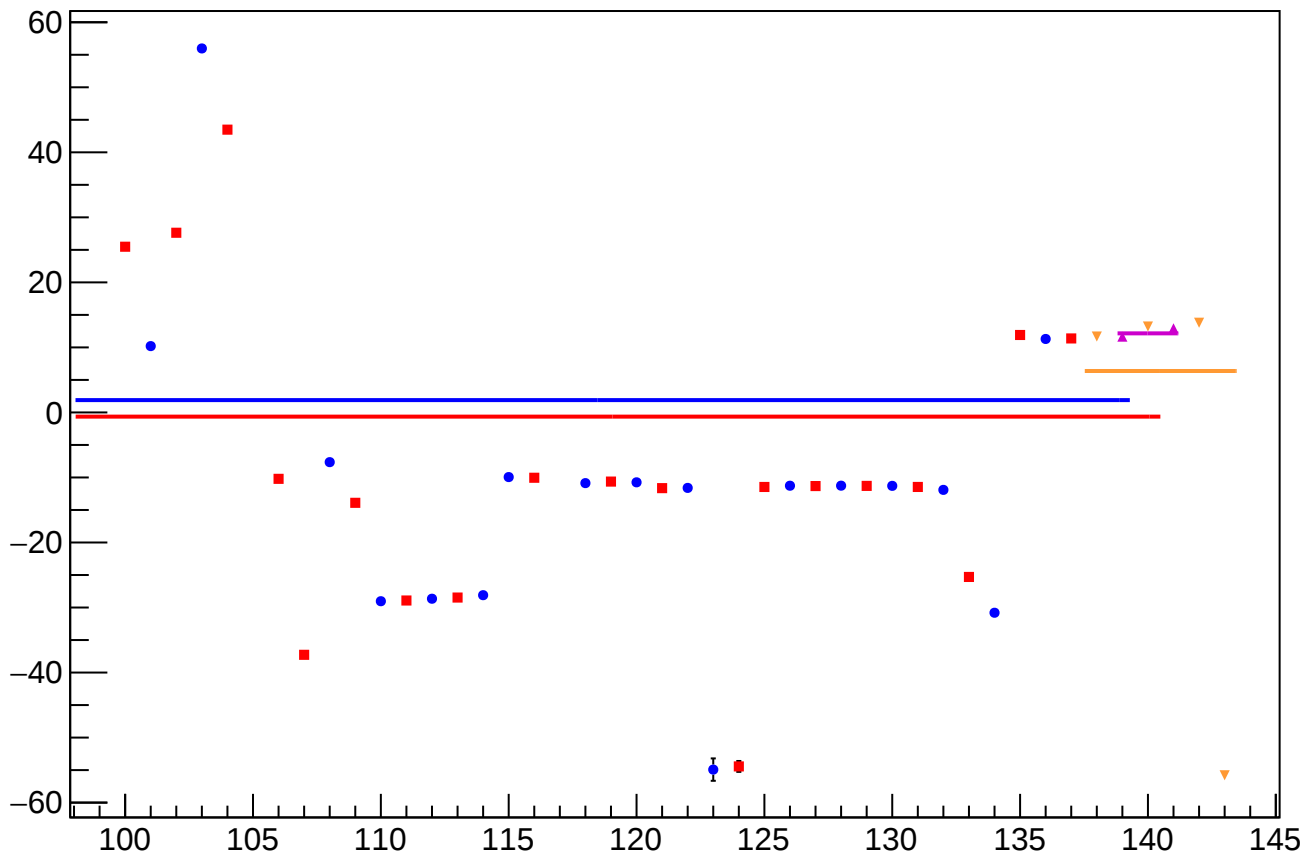
Right: 11.772+/-0.468 χ^2/NDF : 1017.2/35

In: 8.605+/-0.578 χ^2/NDF : 562.9/18

Out: 9.540+/-0.532 χ^2/NDF : 829.3/22

All: 9.111+/-0.391 χ^2/NDF : 1393.6/41

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896+/-0.037 χ^2/NDF : 358855.7/16

Left Out: 6.373+/-0.040 χ^2/NDF :248178.5/3

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: 9.050+/-0.029 χ^2/NDF : 258302.3/5

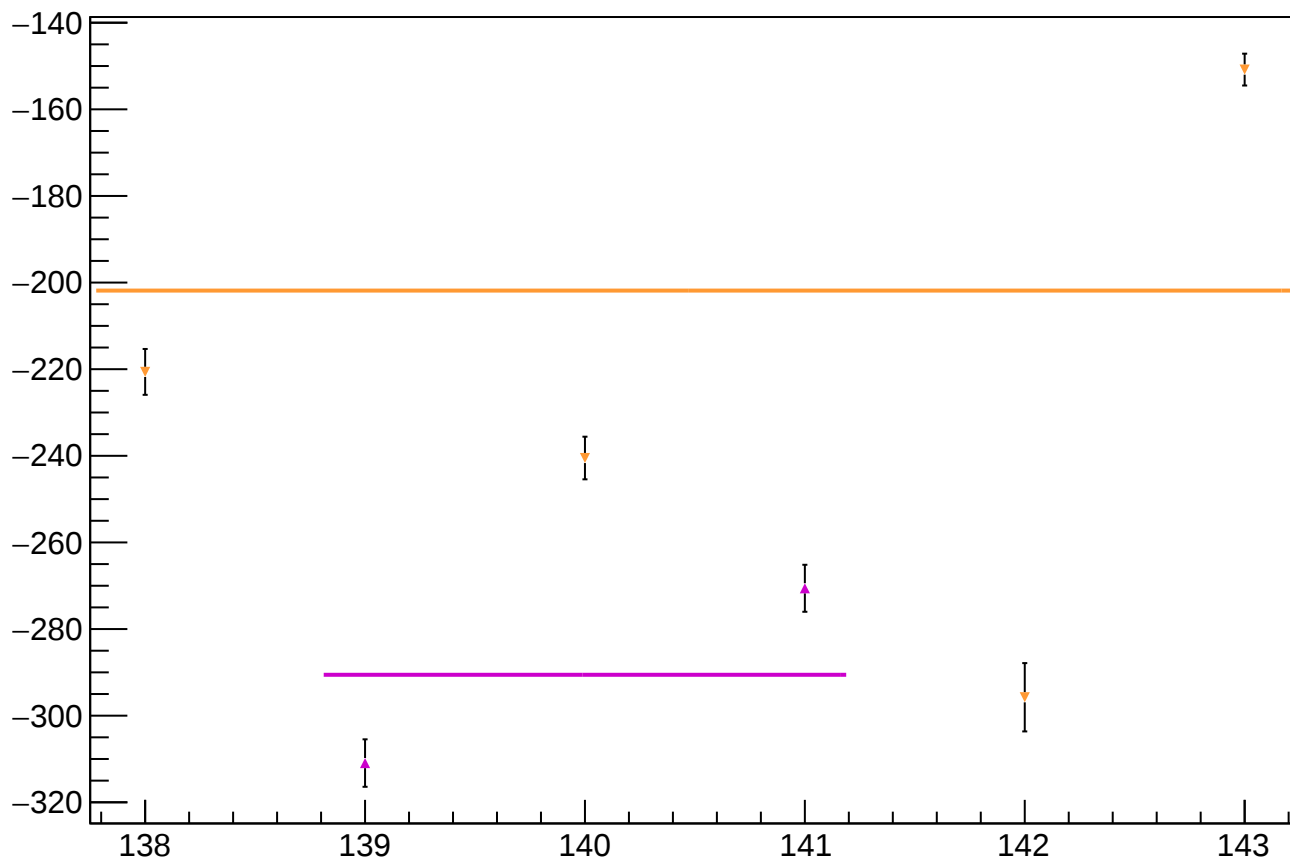
Right: 0.626+/-0.026 χ^2/NDF : 722831.9/35

In: 6.312+/-0.028 χ^2/NDF :392105.8/18

Out: 2.636+/-0.027 χ^2/NDF :626571.7/22

All: 4.412+/-0.019 χ^2/NDF : 1027608.3/41

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: -201.848+/-2.447 χ^2/NDF :408.7/3

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: -227.313+/-2.066 χ^2/NDF : 813.5/5

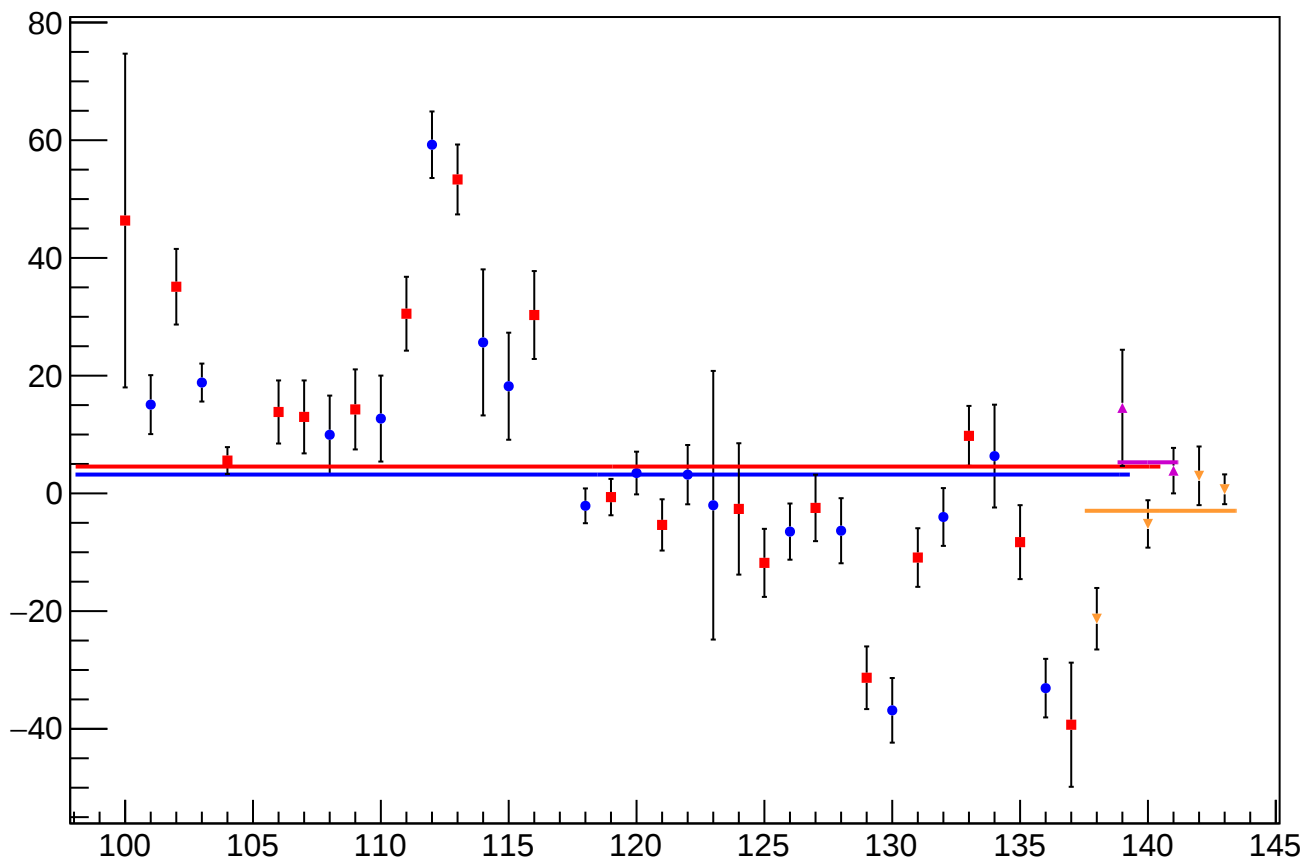
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -290.560+/-3.856 χ^2/NDF :27.4/1

Out: -201.848+/-2.447 χ^2/NDF :408.7/3

All: -227.313+/-2.066 χ^2/NDF : 813.5/5

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: -1.243 +/- 1.640 χ^2/NDF : 21.3/5

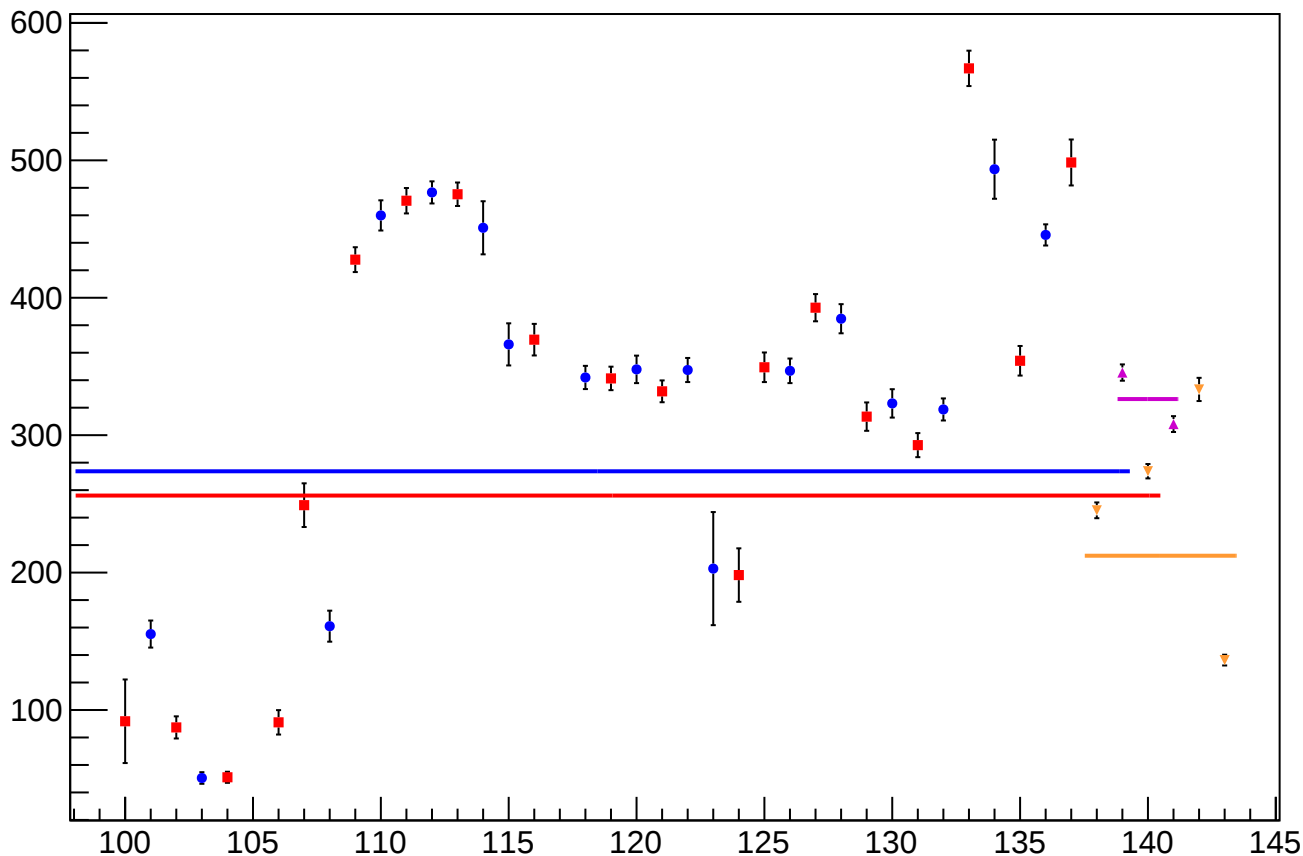
Right: 3.919 +/- 0.842 χ^2/NDF : 479.7/35

In: 3.417 +/- 1.162 χ^2/NDF : 256.5/18

Out: 2.432 +/- 0.980 χ^2/NDF : 252.0/22

All: 2.841 +/- 0.749 χ^2/NDF : 508.9/41

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: 212.271 $\pm$ 2.618 χ^2 /NDF: 751.8/3

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: 244.882 $\pm$ 2.212 χ^2 /NDF: 1314.8/5

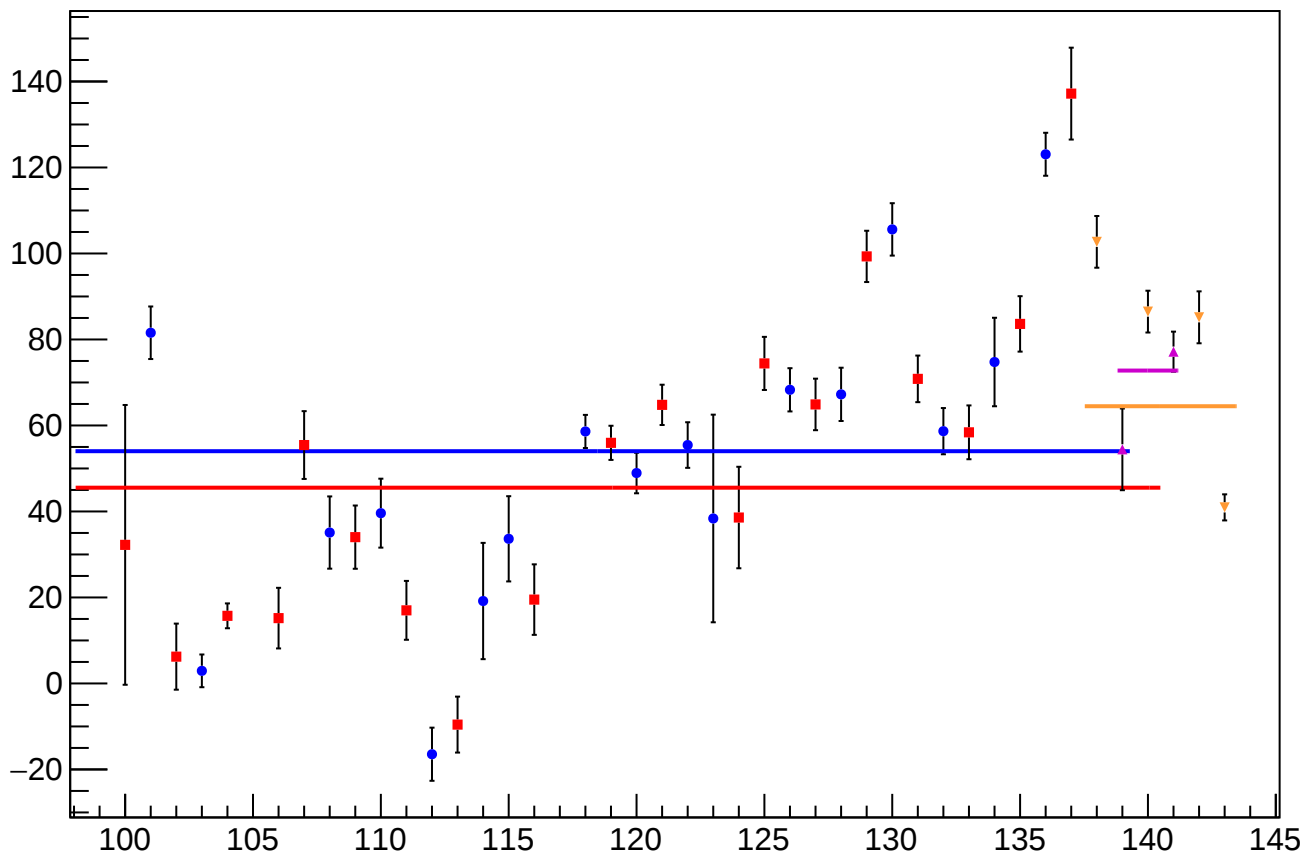
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 285.264 $\pm$ 1.939 χ^2 /NDF: 5249.9/18

Out: 239.126 $\pm$ 1.628 χ^2 /NDF: 7364.4/22

All: 258.207 $\pm$ 1.247 χ^2 /NDF: 12946.4/41

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: 64.474 $\pm$ 2.203 χ^2 /NDF:132.7/3

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: 66.278 $\pm$ 1.949 χ^2 /NDF: 140.4/5

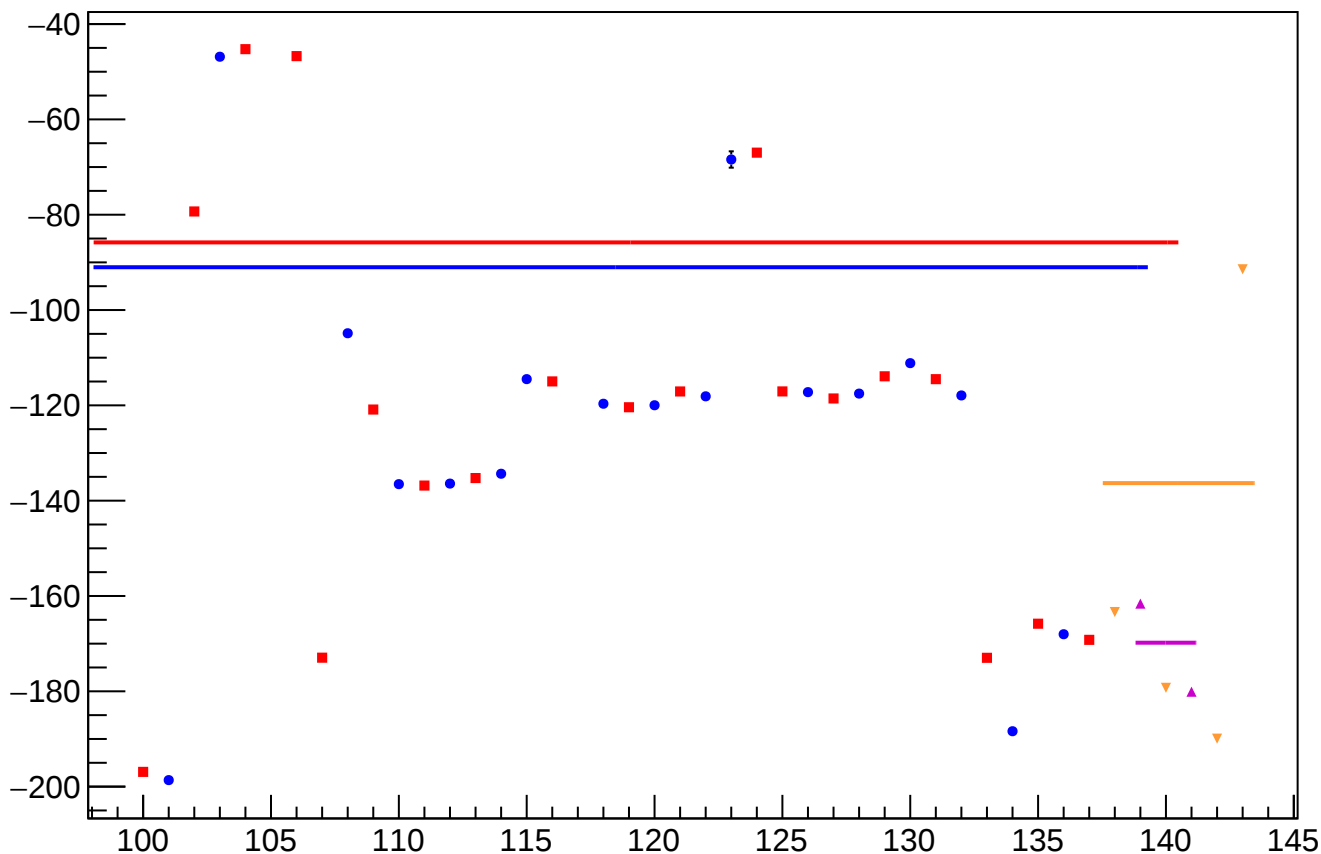
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 55.964 $\pm$ 1.347 χ^2 /NDF:655.5/18

Out: 50.740 $\pm$ 1.156 χ^2 /NDF:713.1/22

All: 52.954 $\pm$ 0.877 χ^2 /NDF: 1377.3/41

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: -136.314+/-0.107 χ^2/NDF : 154918.3/3

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: -147.065+/-0.088 χ^2/NDF : 189744.1/5

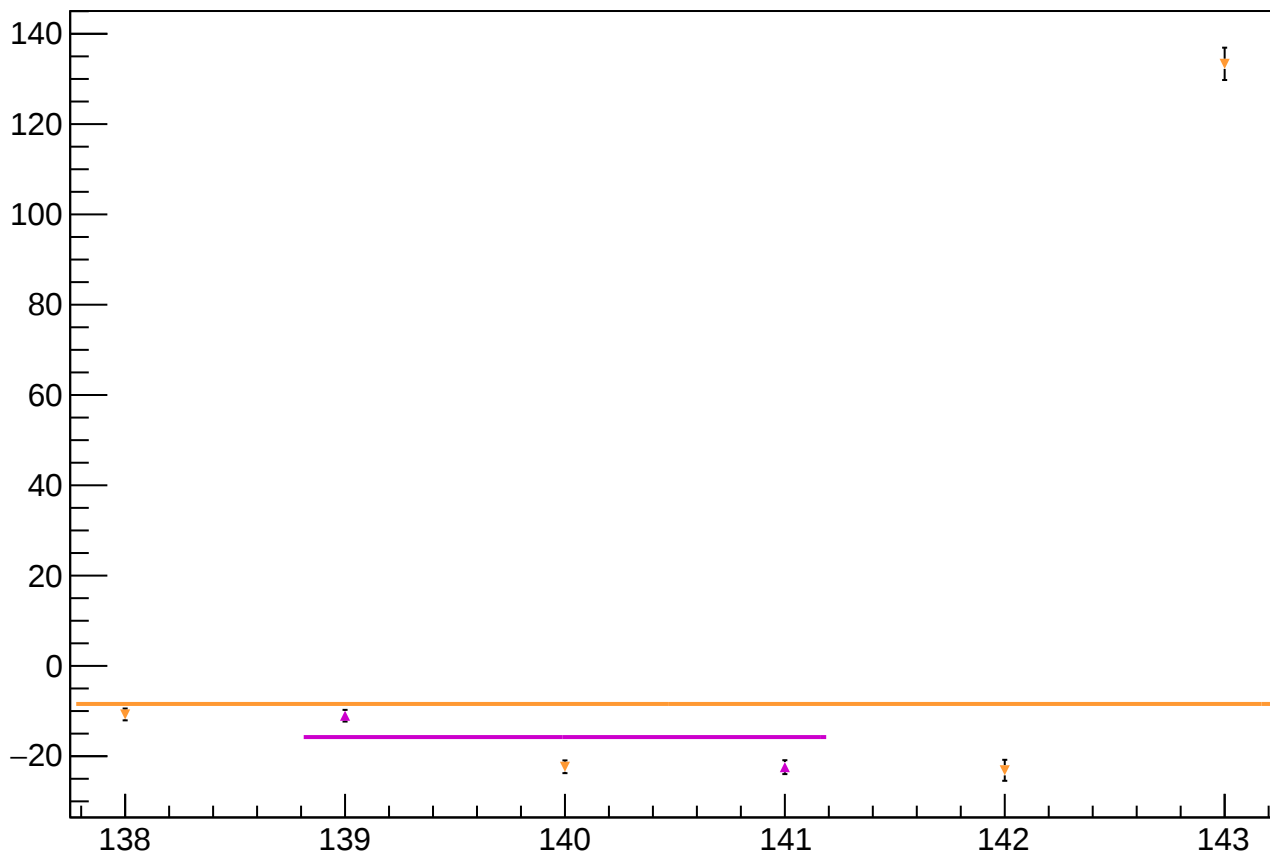
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -103.492+/-0.062 χ^2/NDF : 752845.5/18

Out: -99.401+/-0.056 χ^2/NDF : 813131.4/22

All: -101.224+/-0.041 χ^2/NDF : 1568391.3/41

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: -8.427+/-0.862 χ^2 /NDF:1707.4/3

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: -11.584+/-0.651 χ^2 /NDF: 1770.6/5

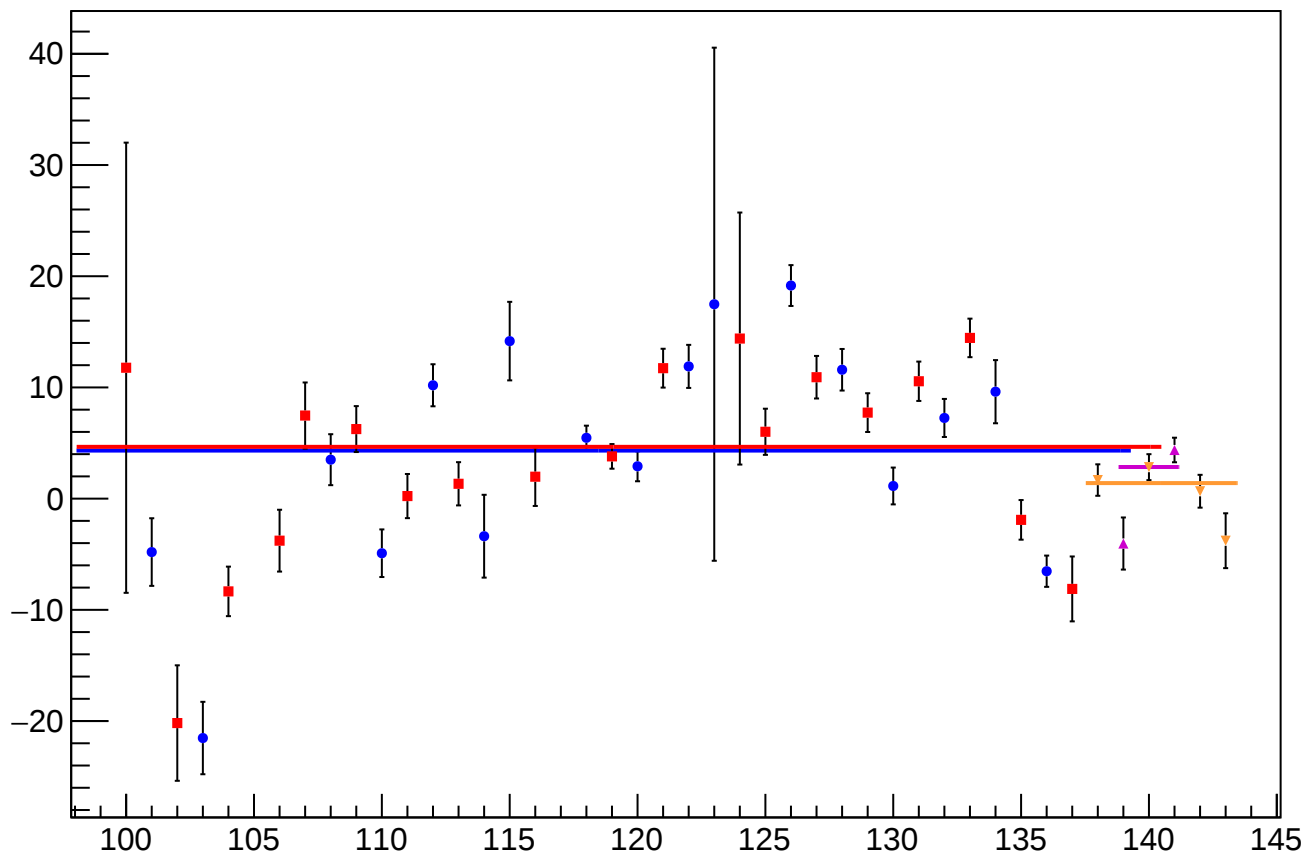
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -15.763+/-0.992 χ^2 /NDF:32.0/1

Out: -8.427+/-0.862 χ^2 /NDF:1707.4/3

All: -11.584+/-0.651 χ^2 /NDF: 1770.6/5

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2/NDF : 280.3/16

Left Out: 1.398 $\pm$ 0.734 χ^2/NDF : 6.2/3

Right Out: 4.657 $\pm$ 0.474 χ^2/NDF : 184.5/18

Left In: 2.844 $\pm$ 0.999 χ^2/NDF : 10.5/1

Left: 1.905 $\pm$ 0.591 χ^2/NDF : 18.1/5

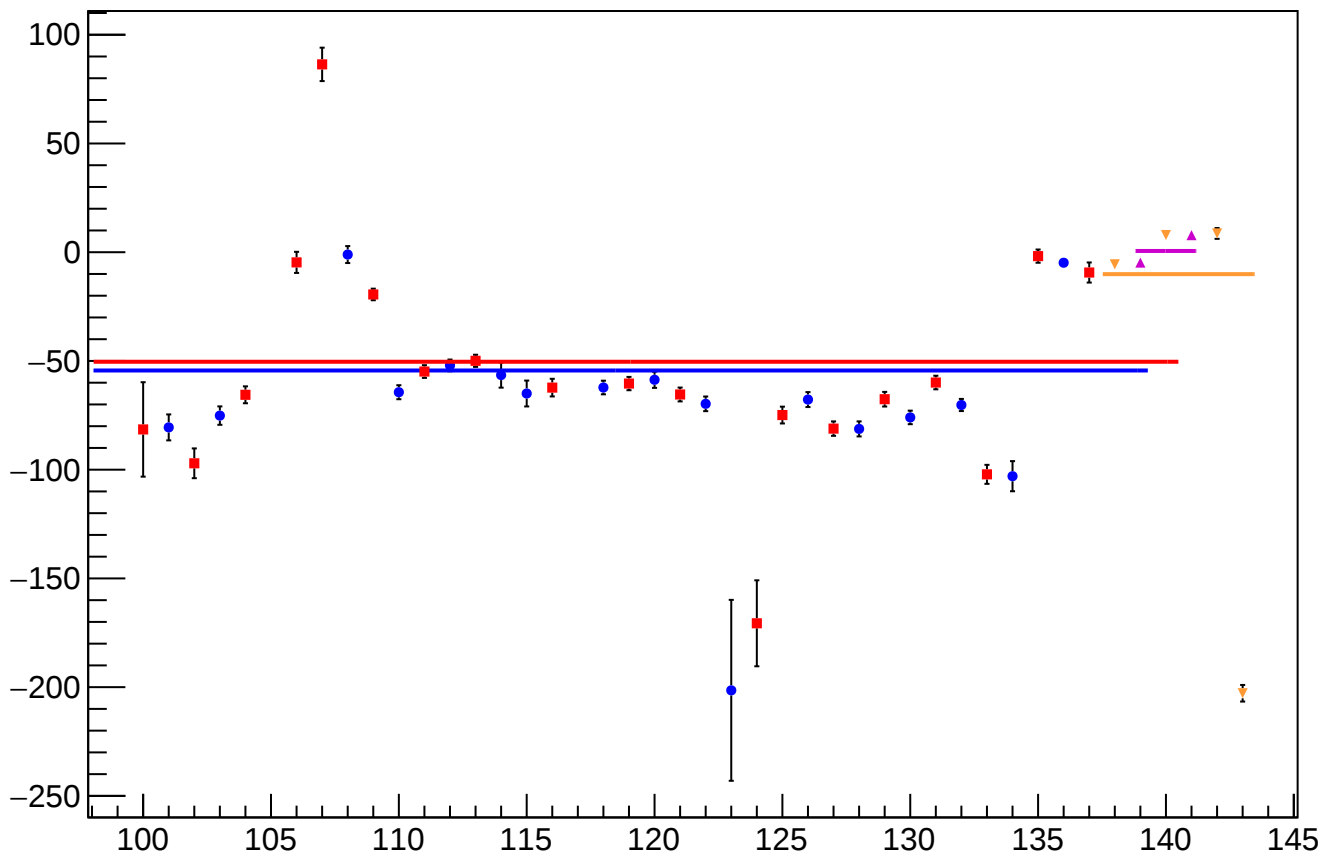
Right: 4.486 $\pm$ 0.332 χ^2/NDF : 465.1/35

In: 4.058 $\pm$ 0.422 χ^2/NDF : 292.7/18

Out: 3.698 $\pm$ 0.398 χ^2/NDF : 204.7/22

All: 3.868 $\pm$ 0.290 χ^2/NDF : 497.7/41

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -10.083 ± 0.926 $\chi^2/\text{NDF}: 2756.0/3$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 0.576 ± 1.066 $\chi^2/\text{NDF}: 34.2/1$

Left: -5.497 ± 0.699 $\chi^2/\text{NDF}: 2847.2/5$

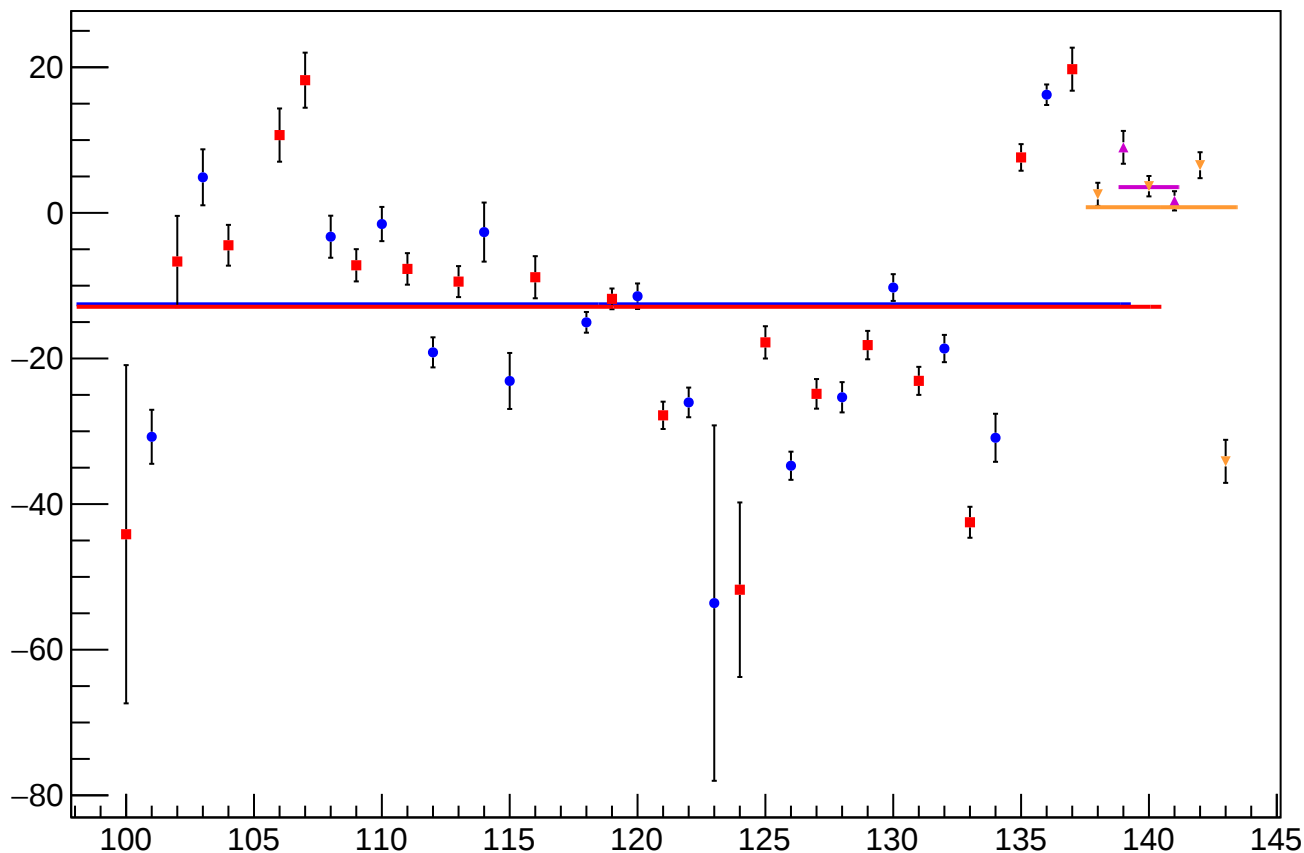
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -32.571 ± 0.671 $\chi^2/\text{NDF}: 2652.6/18$

Out: -31.766 ± 0.629 $\chi^2/\text{NDF}: 5096.0/22$

All: -32.142 ± 0.459 $\chi^2/\text{NDF}: 7749.4/41$

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: 0.776 ± 0.865 χ^2/NDF : 155.4/3

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: 1.784 ± 0.690 χ^2/NDF : 167.0/5

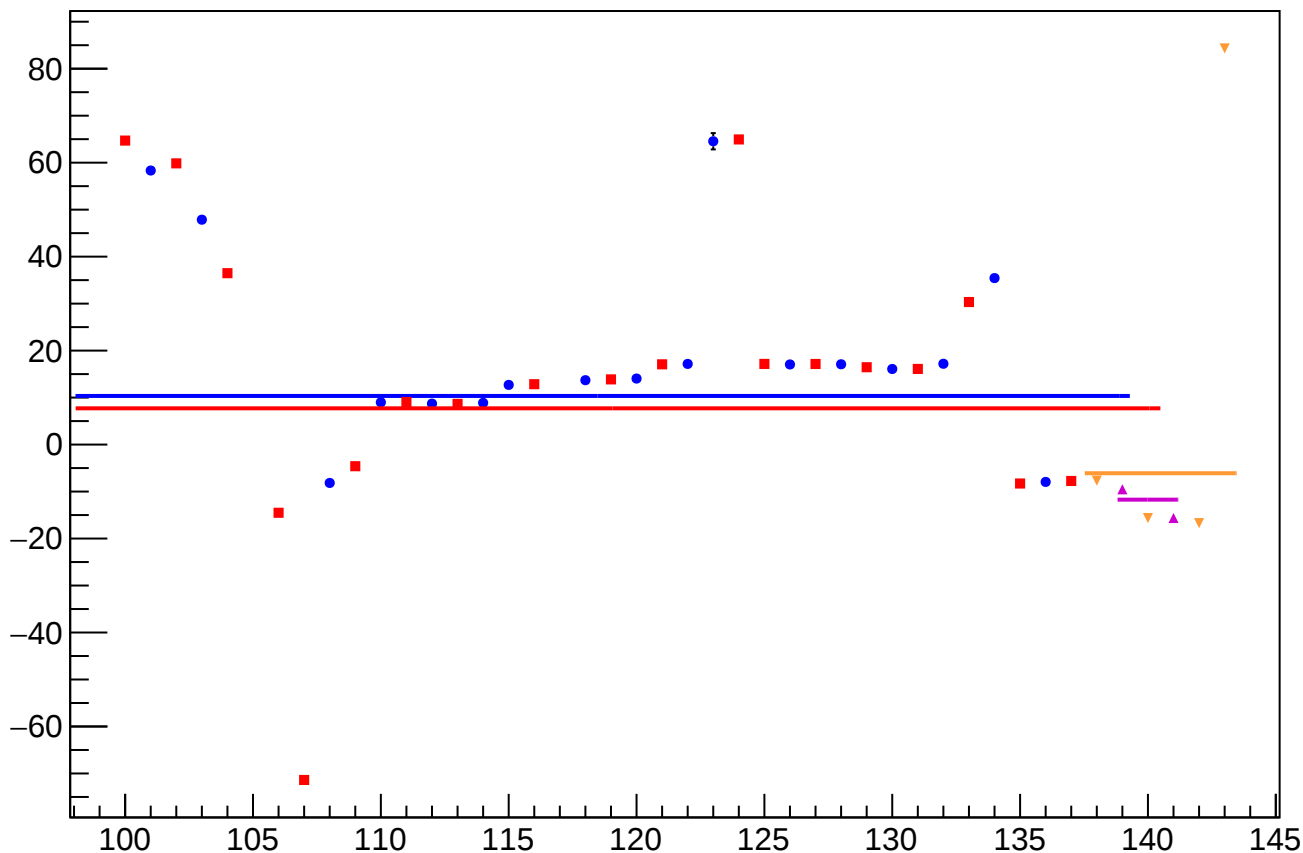
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -9.695 ± 0.482 χ^2/NDF : 950.7/18

Out: -9.084 ± 0.457 χ^2/NDF : 1063.9/22

All: -9.373 ± 0.332 χ^2/NDF : 2015.5/41

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: -6.100+/-0.038 χ^2/NDF : 379652.1/3

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: -8.769+/-0.027 χ^2/NDF : 395746.7/5

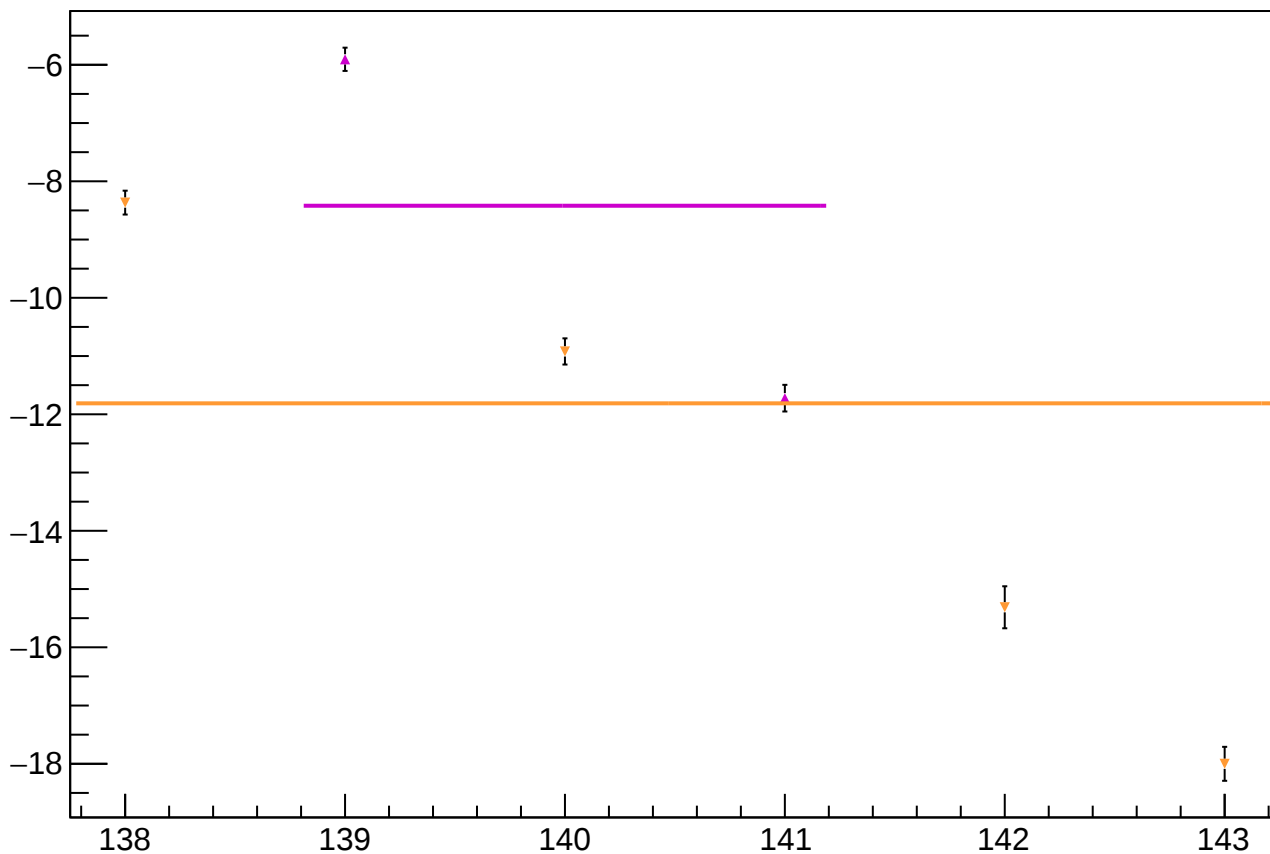
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: 2.101+/-0.024 χ^2/NDF : 581071.1/18

Out: 2.074+/-0.024 χ^2/NDF : 1004409.4/22

All: 2.088+/-0.017 χ^2/NDF : 1585481.0/41

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: -11.812+/-0.126 χ^2/NDF :843.6/3

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: -10.414+/-0.097 χ^2/NDF : 1509.8/5

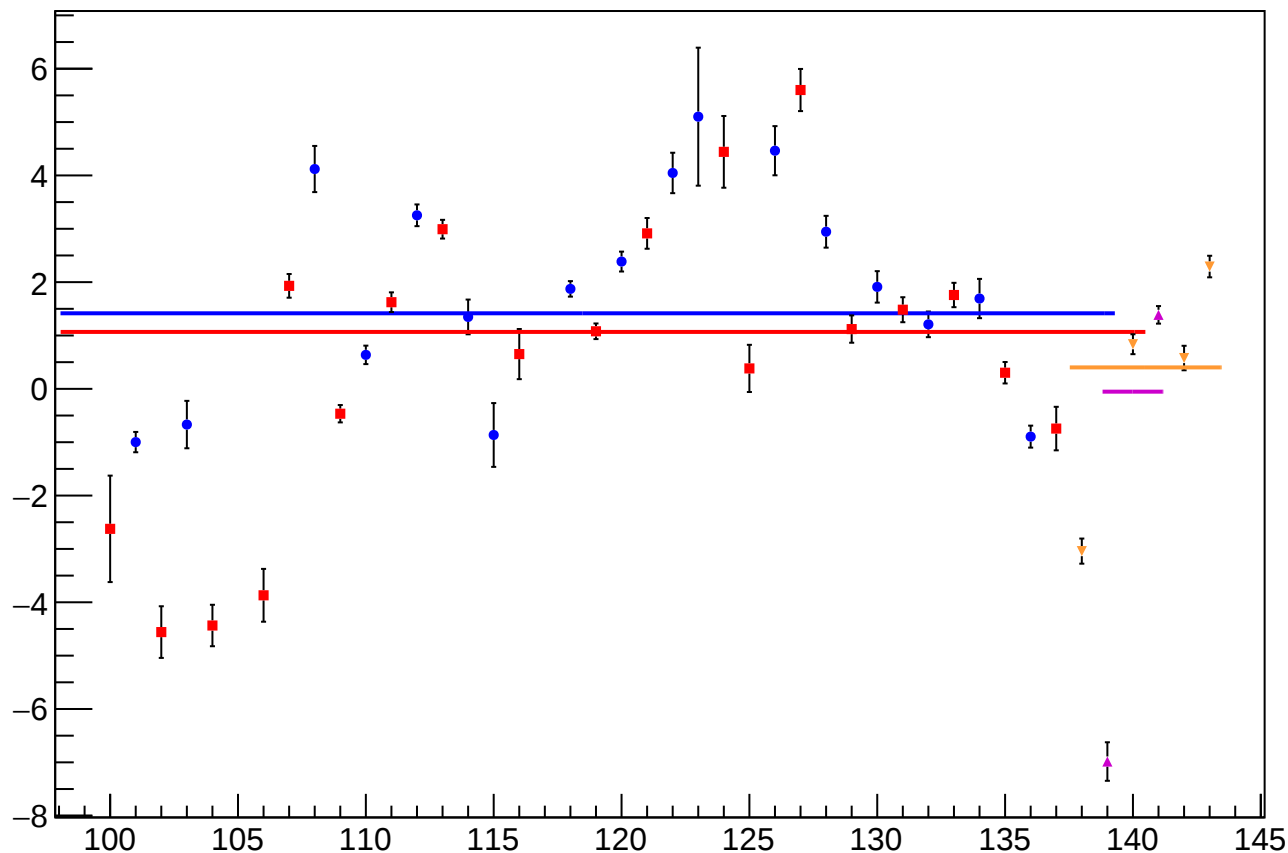
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.420+/-0.150 χ^2/NDF :367.2/1

Out: -11.812+/-0.126 χ^2/NDF :843.6/3

All: -10.414+/-0.097 χ^2/NDF : 1509.8/5

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: 0.402 ± 0.105 χ^2/NDF : 307.4/3

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: 0.252 ± 0.086 χ^2/NDF : 758.7/5

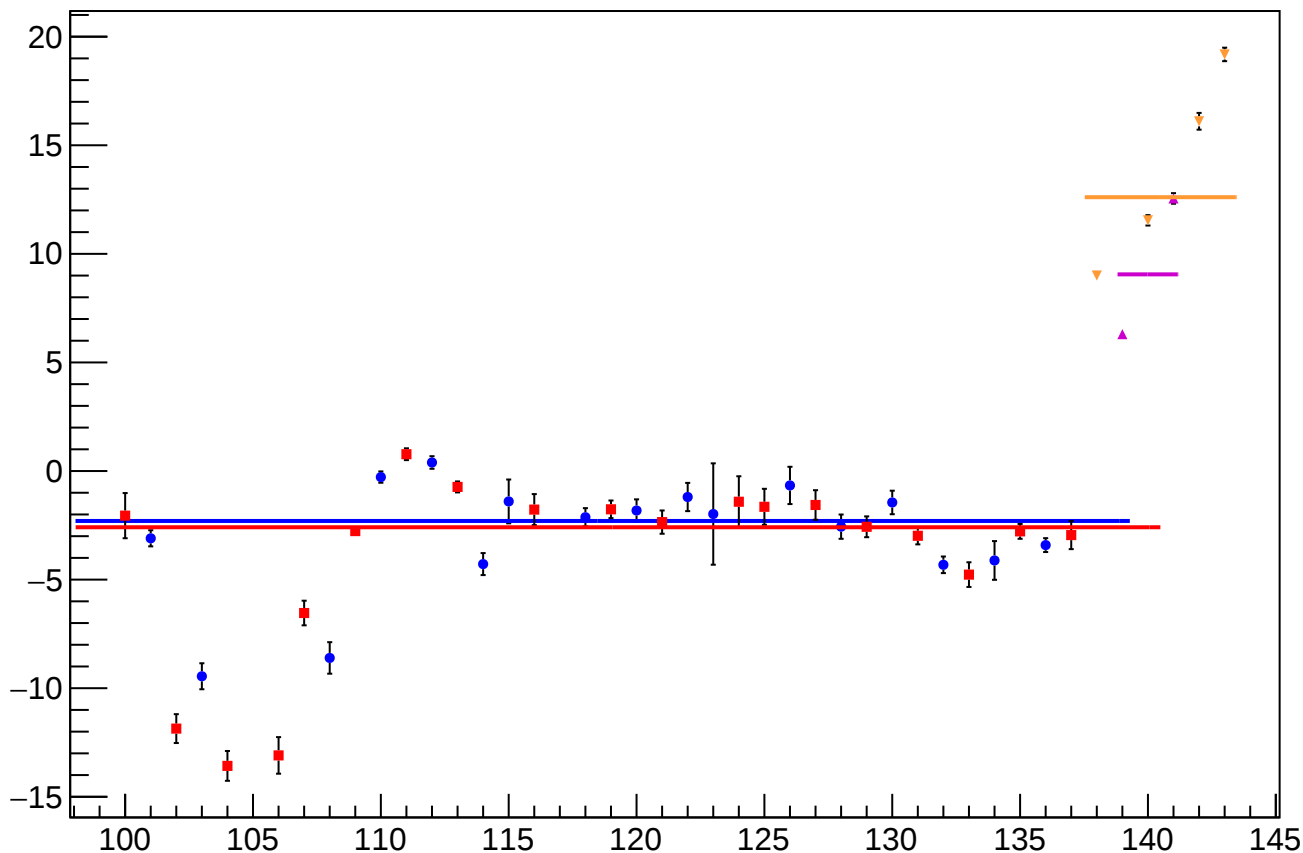
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.206 ± 0.057 χ^2/NDF : 1158.8/18

Out: 0.912 ± 0.051 χ^2/NDF : 1267.9/22

All: 1.043 ± 0.038 χ^2/NDF : 2441.6/41

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 12.609 ± 0.135 $\chi^2/\text{NDF}: 811.2/3$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 9.055 ± 0.161 $\chi^2/\text{NDF}: 369.1/1$

Left: 11.144 ± 0.104 $\chi^2/\text{NDF}: 1465.0/5$

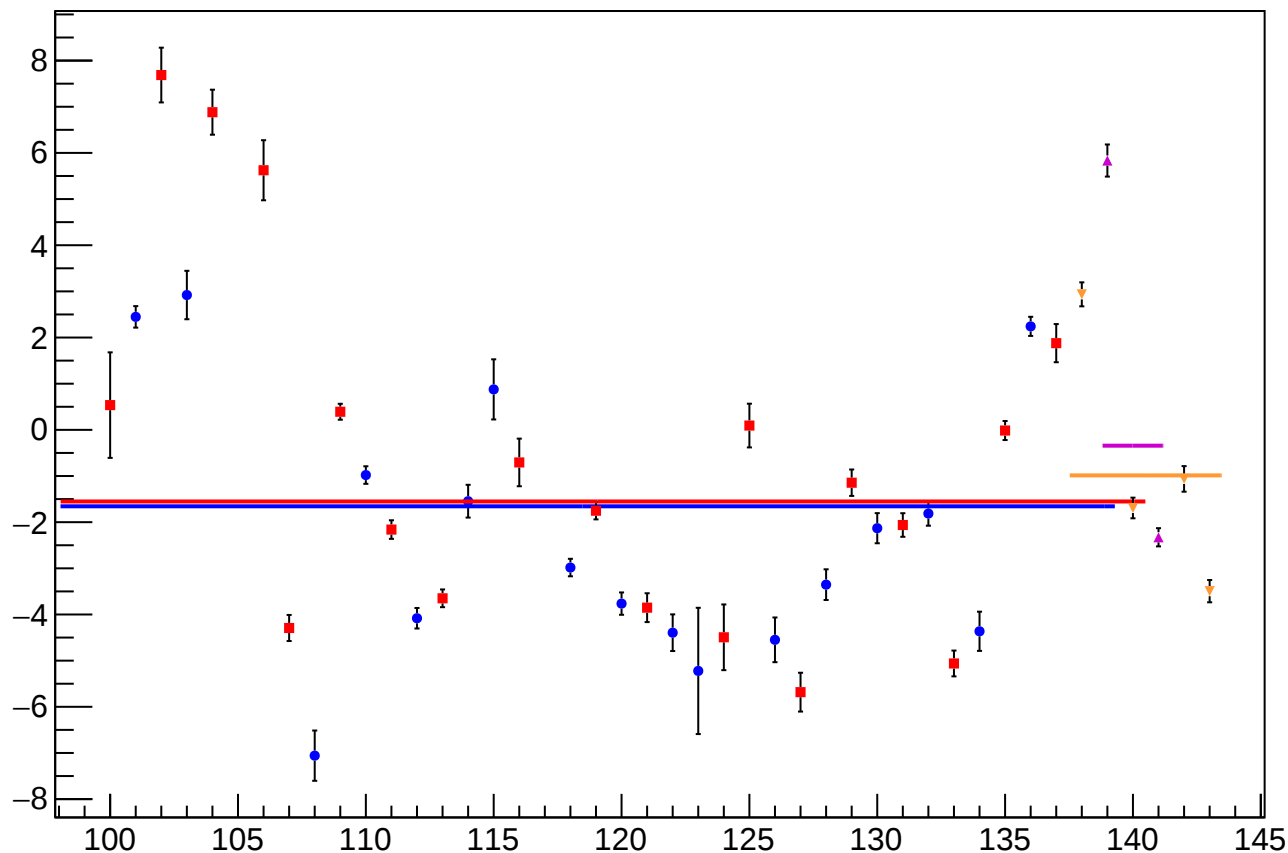
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 1.337 ± 0.091 $\chi^2/\text{NDF}: 4169.8/18$

Out: 2.702 ± 0.080 $\chi^2/\text{NDF}: 9934.9/22$

All: 2.111 ± 0.060 $\chi^2/\text{NDF}: 14231.2/41$

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: -0.986 ± 0.124 χ^2/NDF : 345.9/3

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: -0.765 ± 0.101 χ^2/NDF : 771.8/5

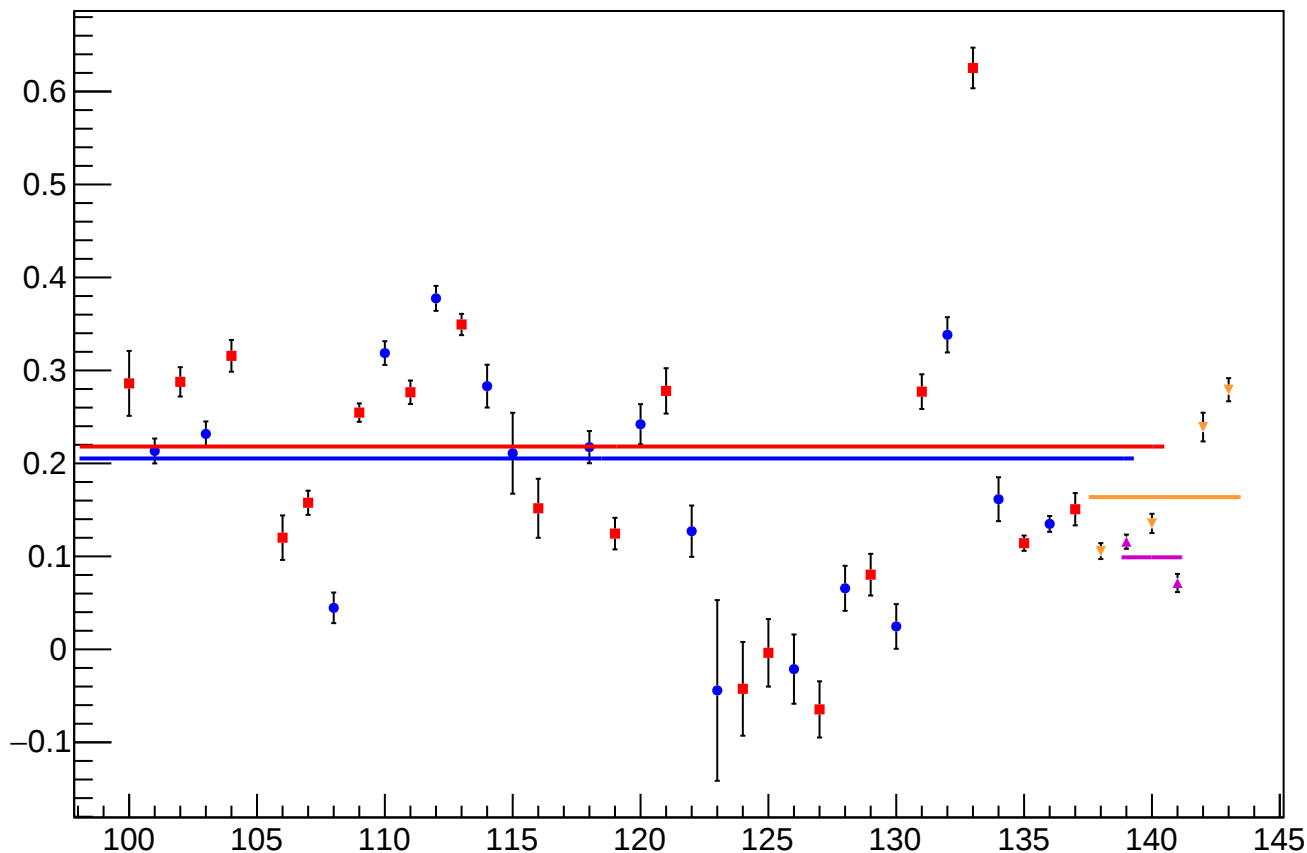
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.467 ± 0.065 χ^2/NDF : 1737.9/18

Out: -1.428 ± 0.058 χ^2/NDF : 1850.2/22

All: -1.445 ± 0.043 χ^2/NDF : 3588.4/41

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: 0.164 $\pm$ 0.005 χ^2 /NDF:163.6/3

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: 0.135 $\pm$ 0.004 χ^2 /NDF: 240.2/5

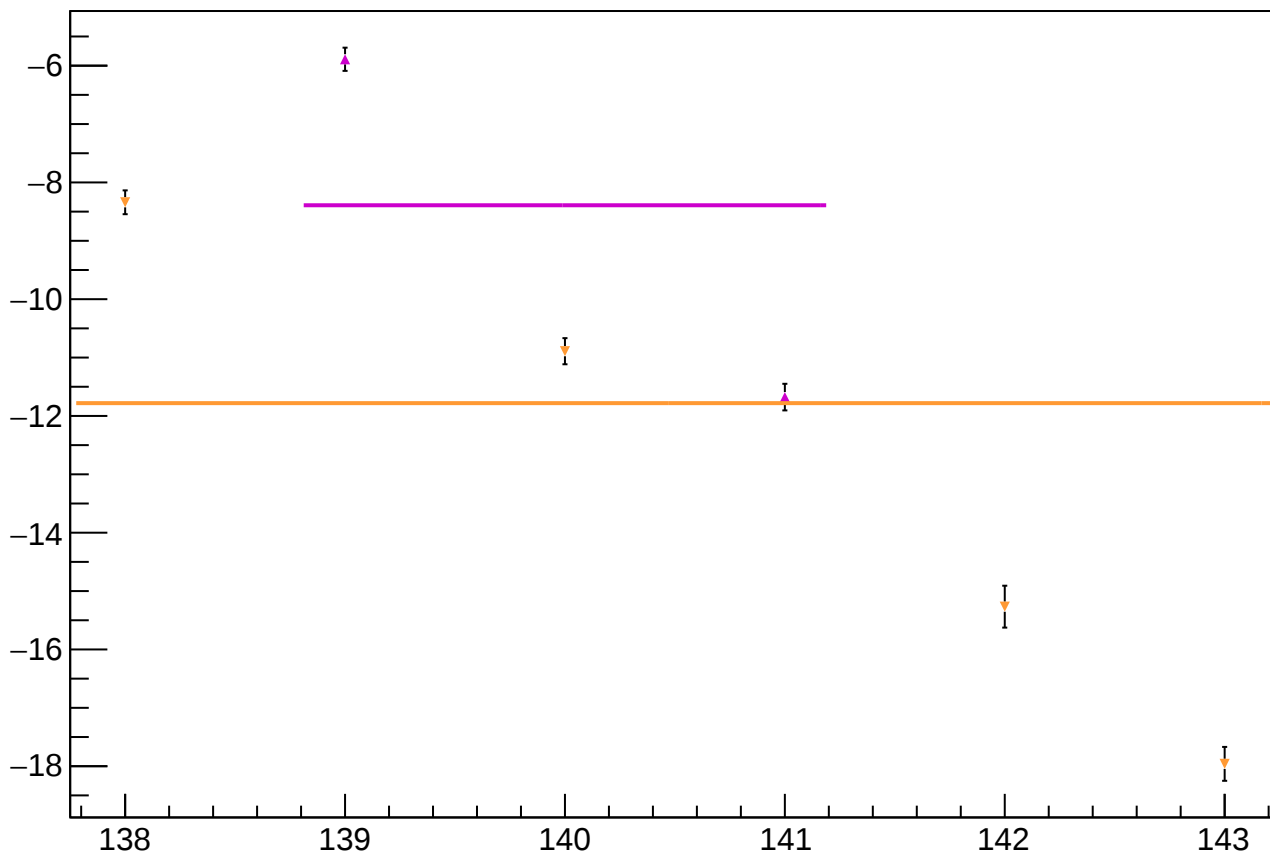
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.171 $\pm$ 0.003 χ^2 /NDF:845.5/18

Out: 0.201 $\pm$ 0.003 χ^2 /NDF:1255.1/22

All: 0.188 $\pm$ 0.002 χ^2 /NDF: 2143.3/41

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: -11.781+/-0.125 χ^2/NDF :848.1/3

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: -10.384+/-0.096 χ^2/NDF : 1515.8/5

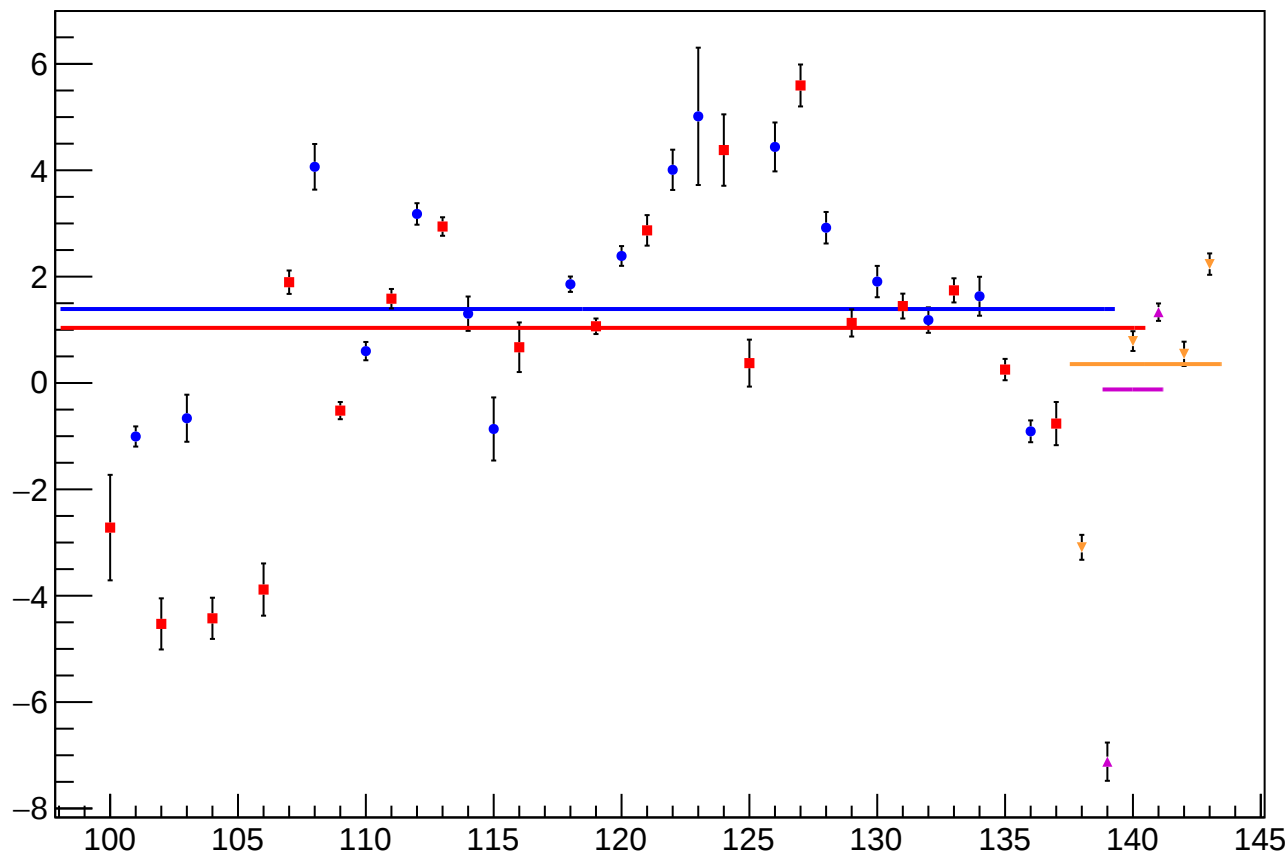
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.391+/-0.150 χ^2/NDF :366.5/1

Out: -11.781+/-0.125 χ^2/NDF :848.1/3

All: -10.384+/-0.096 χ^2/NDF : 1515.8/5

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: 0.355 ± 0.105 χ^2/NDF : 309.5/3

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: 0.198 ± 0.086 χ^2/NDF : 774.1/5

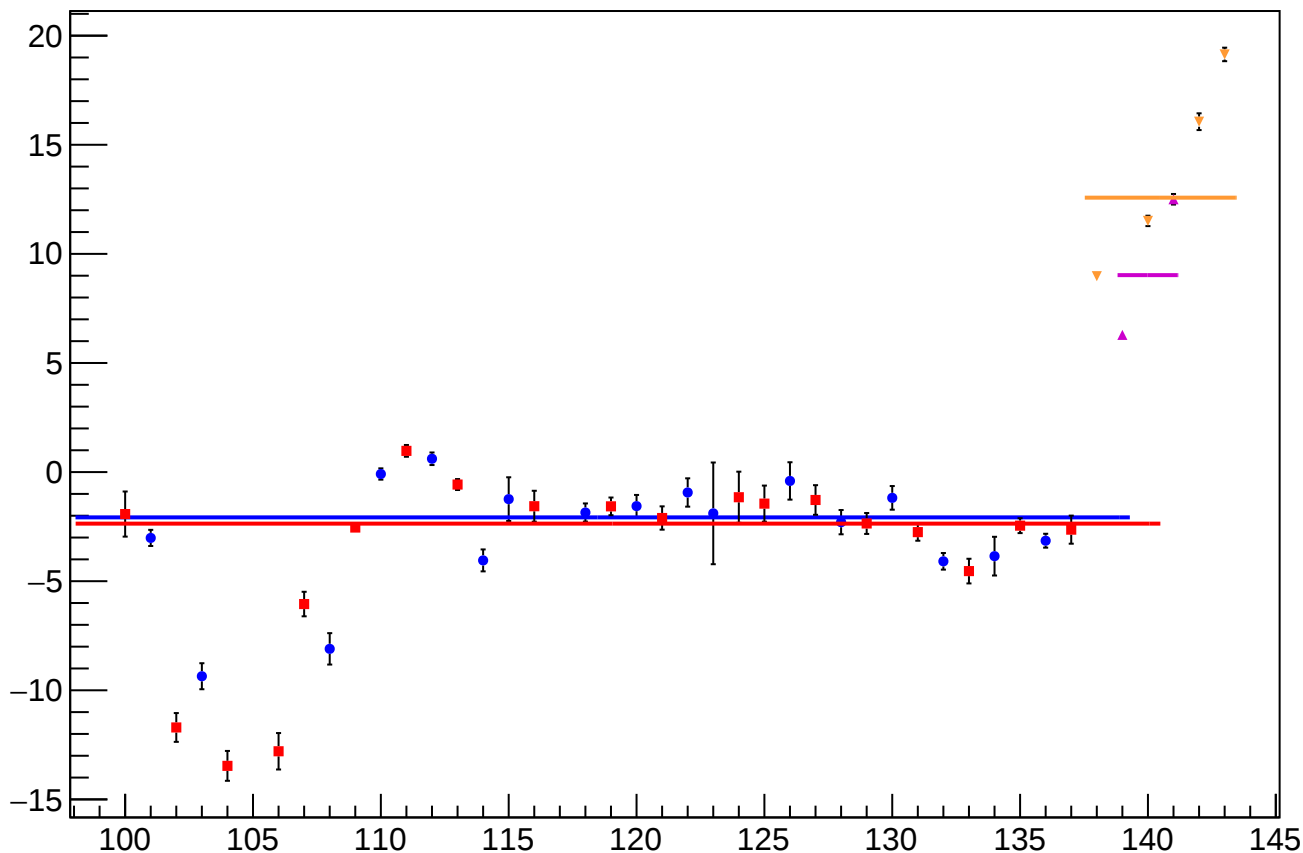
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.175 ± 0.056 χ^2/NDF : 1175.1/18

Out: 0.877 ± 0.051 χ^2/NDF : 1276.1/22

All: 1.010 ± 0.038 χ^2/NDF : 2466.6/41

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 $\chi^2/\text{NDF}: 442.3/16$

Left Out: 12.576 ± 0.135 $\chi^2/\text{NDF}: 815.7/3$

Right Out: -2.362 ± 0.098 $\chi^2/\text{NDF}: 893.4/18$

Left In: 9.026 ± 0.161 $\chi^2/\text{NDF}: 368.2/1$

Left: 11.113 ± 0.103 $\chi^2/\text{NDF}: 1470.4/5$

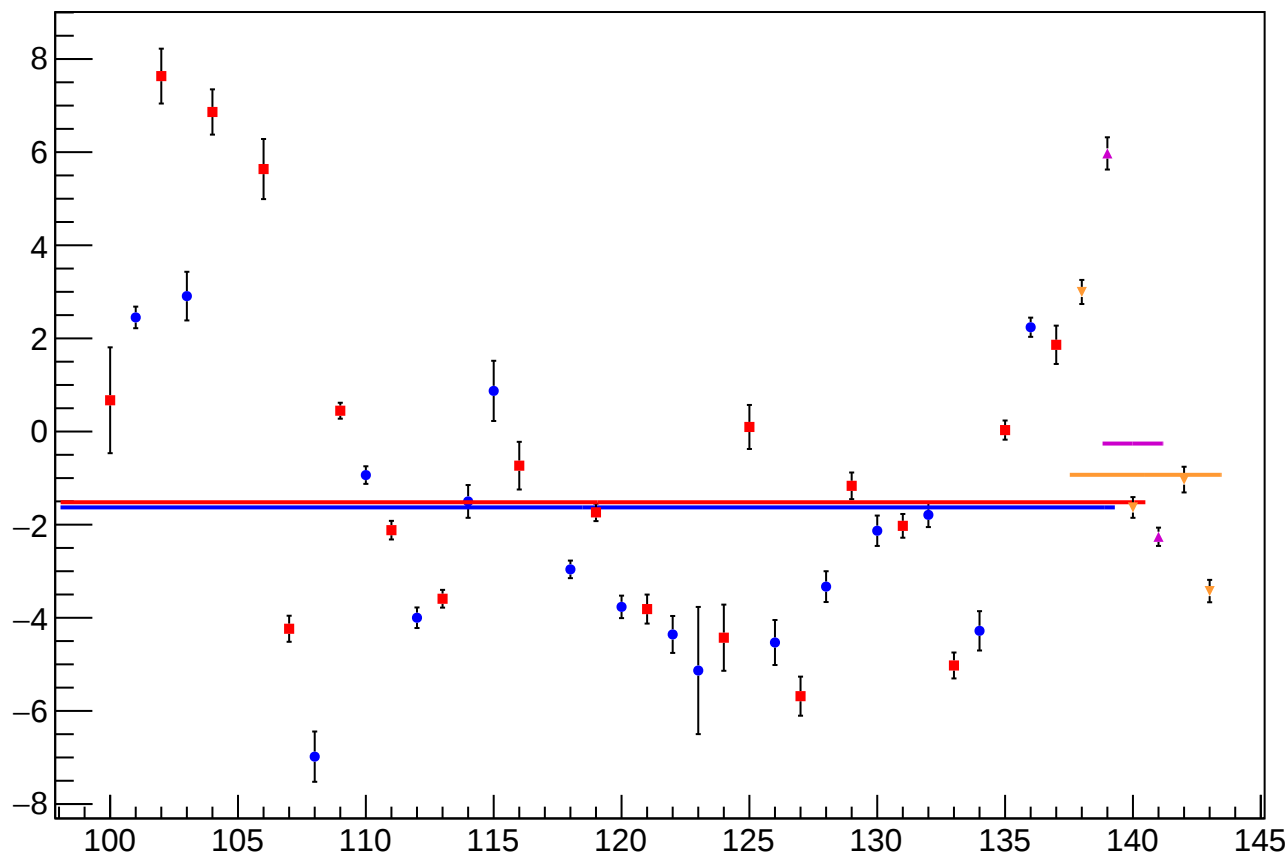
Right: -2.235 ± 0.073 $\chi^2/\text{NDF}: 1339.5/35$

In: 1.476 ± 0.091 $\chi^2/\text{NDF}: 4052.3/18$

Out: 2.833 ± 0.079 $\chi^2/\text{NDF}: 9740.8/22$

All: 2.246 ± 0.060 $\chi^2/\text{NDF}: 13919.2/41$

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: -0.930 ± 0.123 χ^2/NDF : 348.5/3

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: -0.699 ± 0.100 χ^2/NDF : 786.2/5

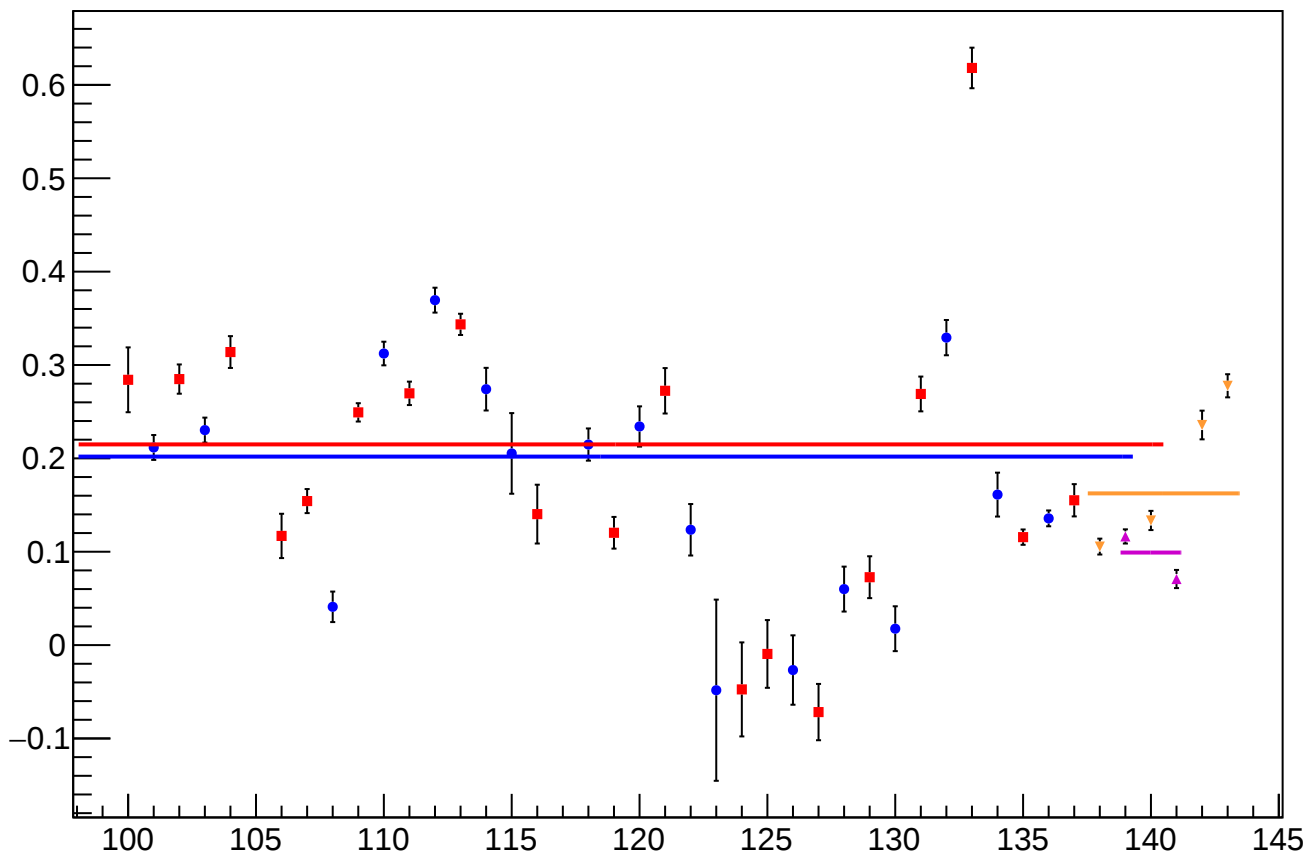
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.432 ± 0.065 χ^2/NDF : 1749.1/18

Out: -1.390 ± 0.058 χ^2/NDF : 1858.2/22

All: -1.408 ± 0.043 χ^2/NDF : 3607.5/41

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$

Left Out: 0.162 ± 0.005 $\chi^2/\text{NDF}: 162.0/3$

Right Out: 0.215 ± 0.004 $\chi^2/\text{NDF}: 1005.6/18$

Left In: 0.099 ± 0.006 $\chi^2/\text{NDF}: 13.7/1$

Left: 0.134 ± 0.004 $\chi^2/\text{NDF}: 237.2/5$

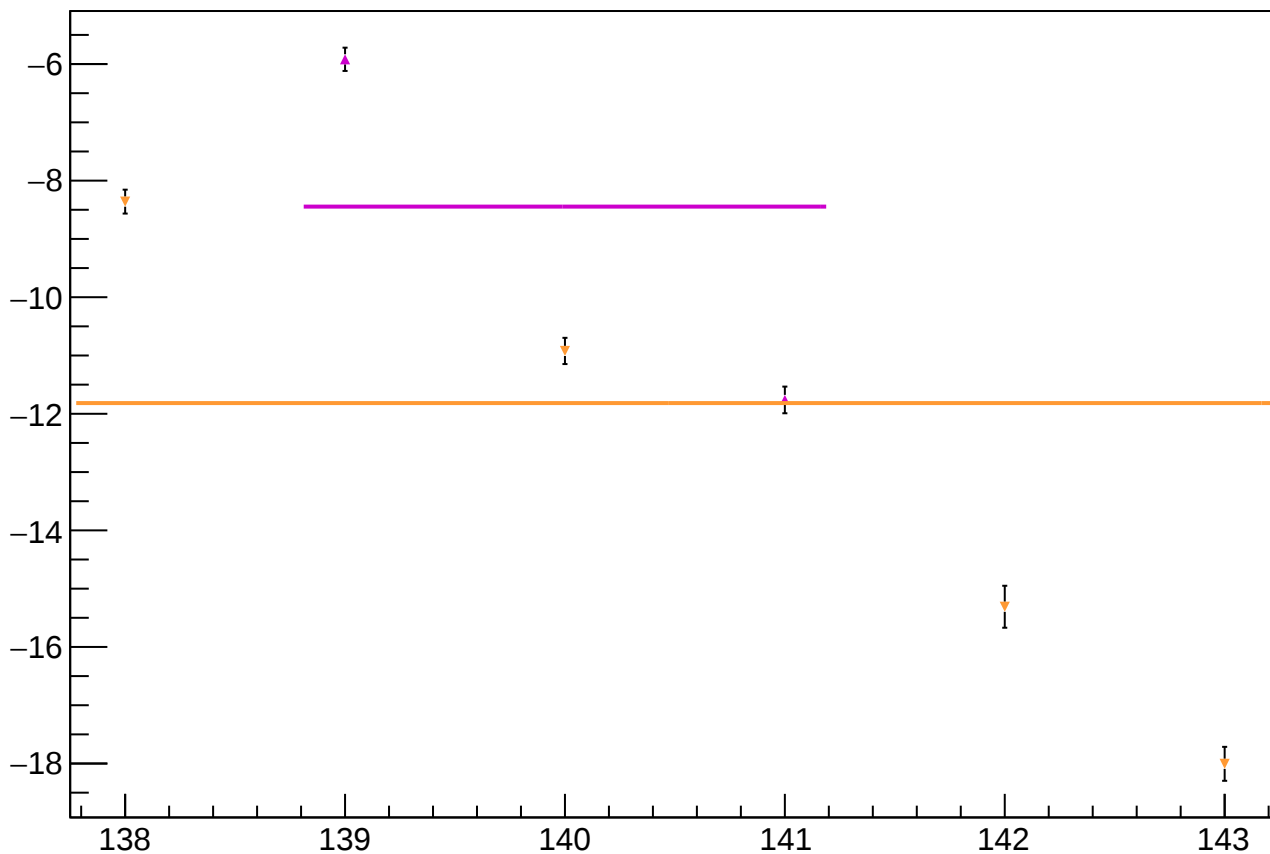
Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1615.8/35$

In: 0.169 ± 0.003 $\chi^2/\text{NDF}: 818.3/18$

Out: 0.198 ± 0.003 $\chi^2/\text{NDF}: 1231.8/22$

All: 0.185 ± 0.002 $\chi^2/\text{NDF}: 2092.3/41$

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: -11.816+/-0.126 χ^2/NDF :846.0/3

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: -10.427+/-0.097 χ^2/NDF : 1511.9/5

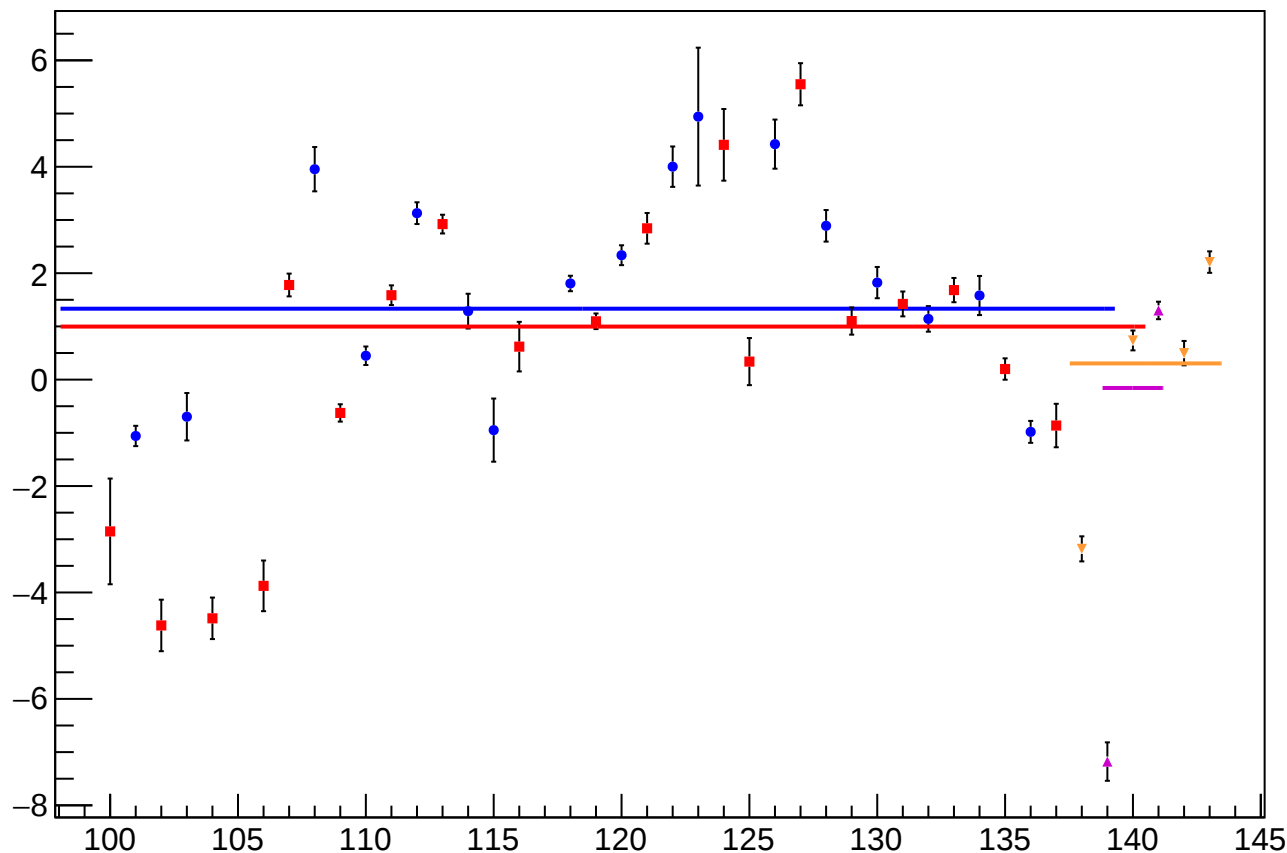
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.446+/-0.150 χ^2/NDF :370.6/1

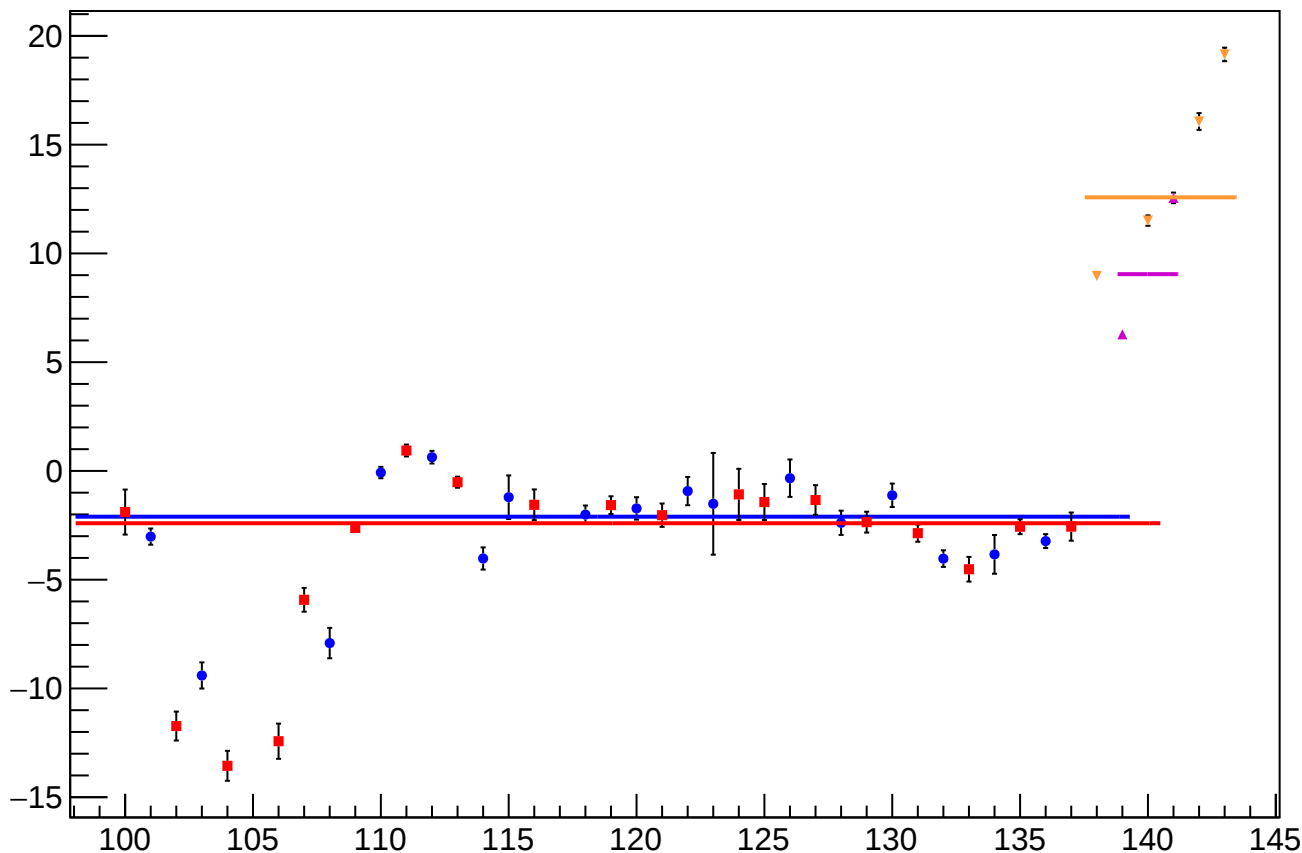
Out: -11.816+/-0.126 χ^2/NDF :846.0/3

All: -10.427+/-0.097 χ^2/NDF : 1511.9/5

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 12.579 ± 0.135 χ^2/NDF : 812.4/3

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: 11.123 ± 0.104 χ^2/NDF : 1465.4/5

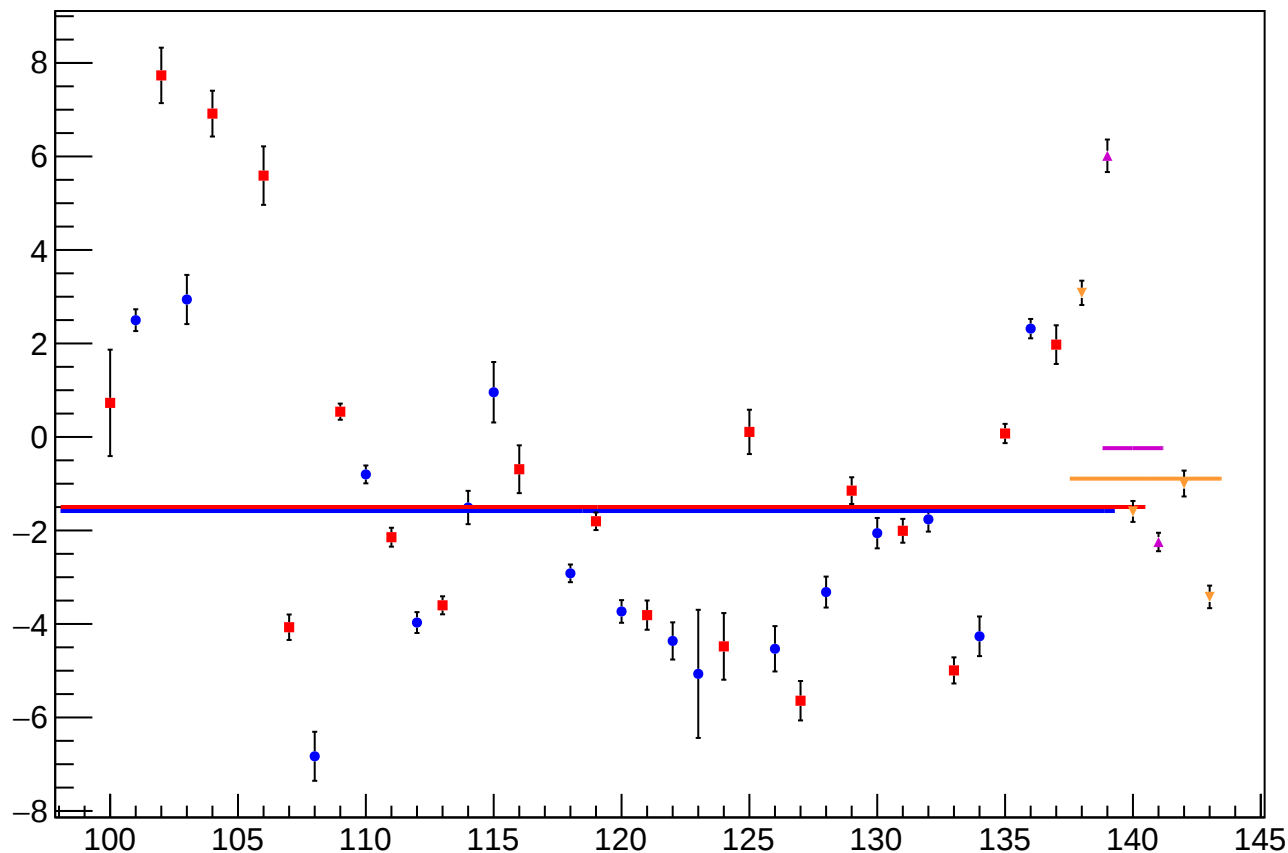
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 1.468 ± 0.091 χ^2/NDF : 4052.0/18

Out: 2.808 ± 0.080 χ^2/NDF : 9705.4/22

All: 2.229 ± 0.060 χ^2/NDF : 13879.3/41

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: -0.892 ± 0.124 $\chi^2/\text{NDF}: 353.7/3$

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: -0.668 ± 0.100 $\chi^2/\text{NDF}: 790.0/5$

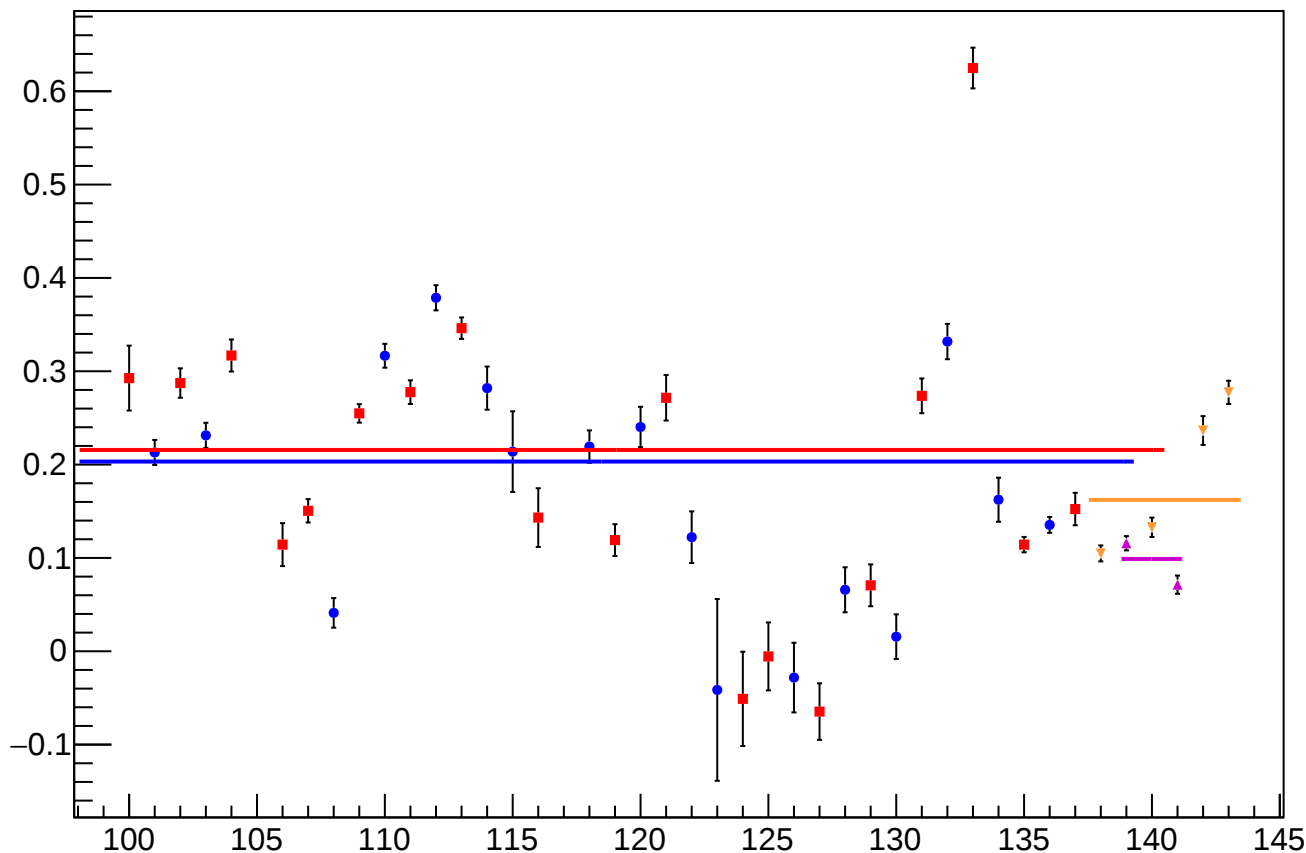
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -1.390 ± 0.065 $\chi^2/\text{NDF}: 1751.5/18$

Out: -1.366 ± 0.058 $\chi^2/\text{NDF}: 1876.1/22$

All: -1.377 ± 0.043 $\chi^2/\text{NDF}: 3627.7/41$

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: 0.162 ± 0.005 χ^2/NDF : 162.1/3

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: 0.134 ± 0.004 χ^2/NDF : 235.7/5

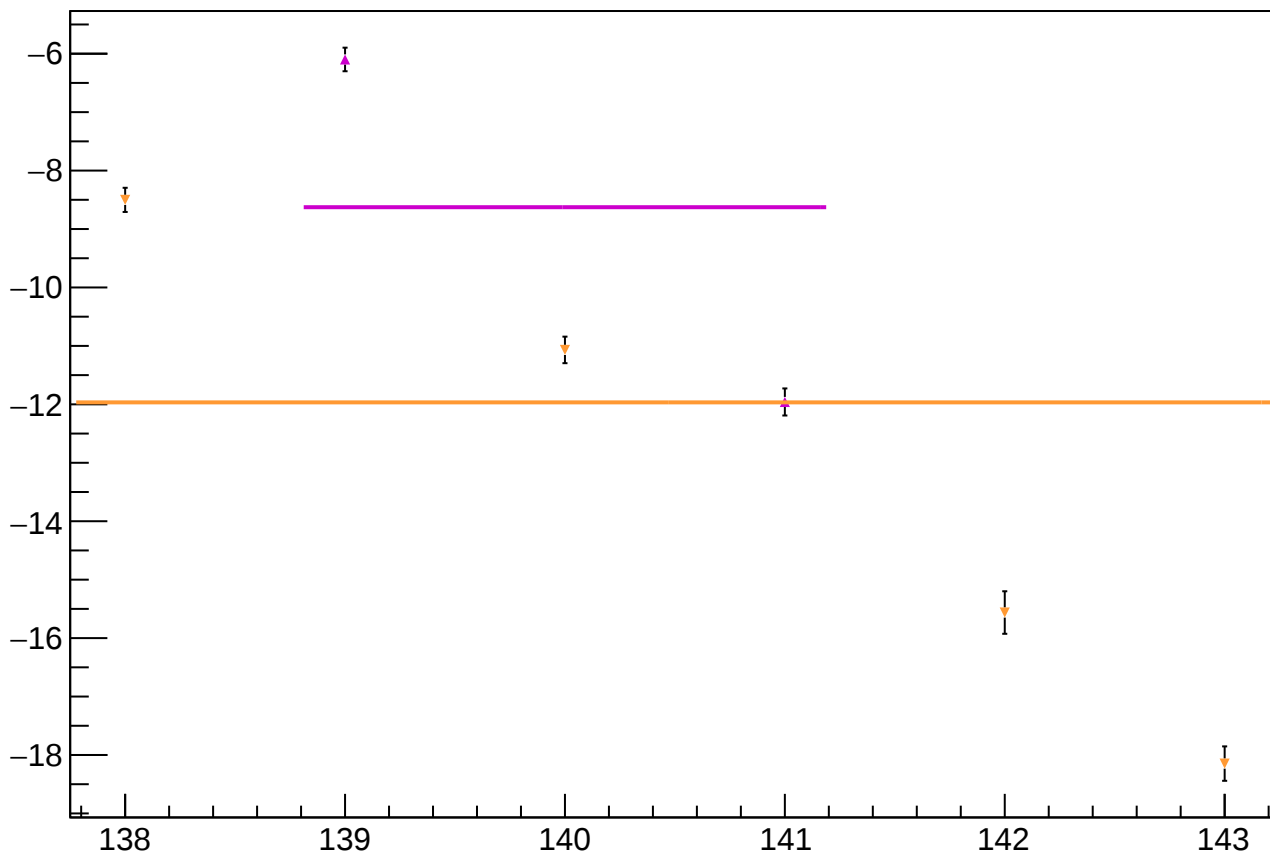
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.170 ± 0.003 χ^2/NDF : 850.1/18

Out: 0.199 ± 0.003 χ^2/NDF : 1266.4/22

All: 0.186 ± 0.002 χ^2/NDF : 2157.2/41

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: -11.966+/-0.127 χ^2/NDF :834.8/3

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: -10.593+/-0.098 χ^2/NDF : 1483.0/5

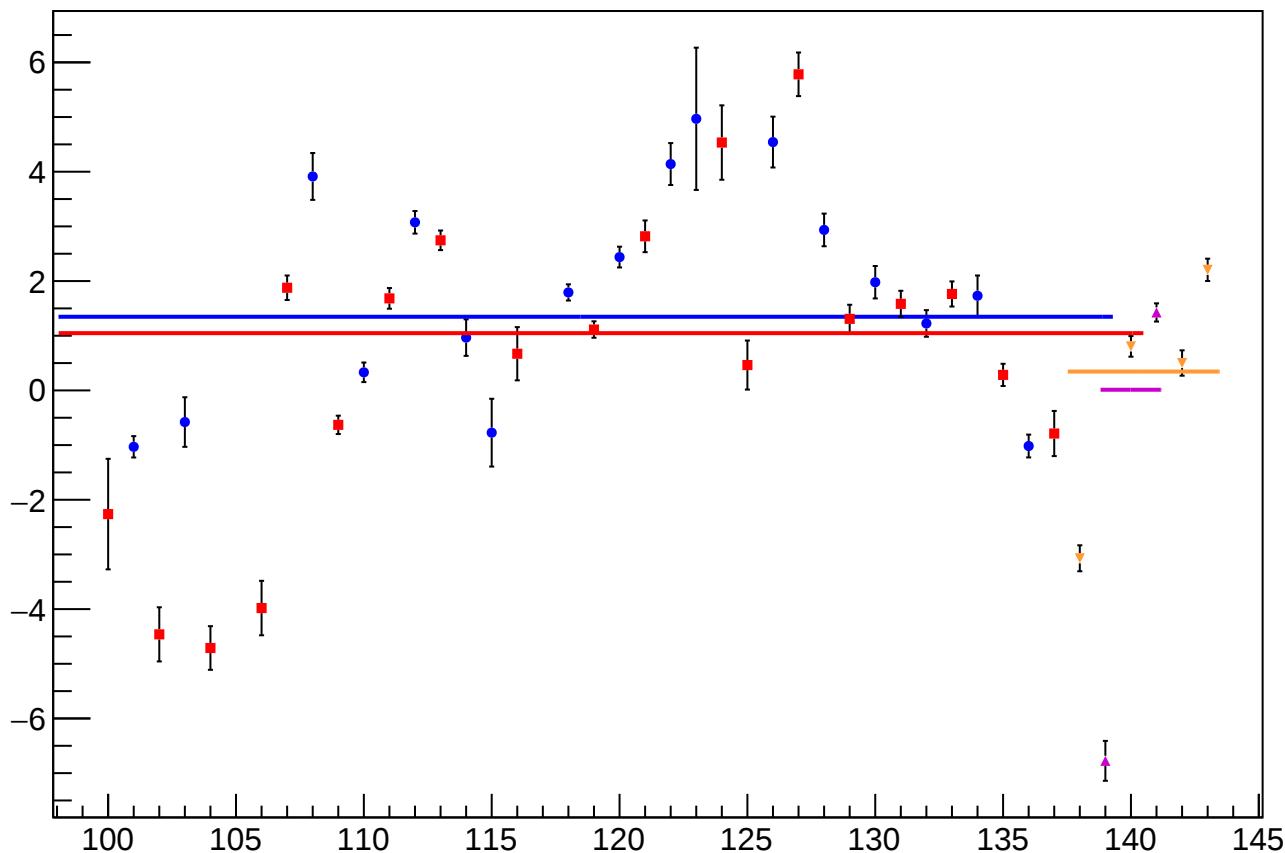
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.627+/-0.152 χ^2/NDF :364.3/1

Out: -11.966+/-0.127 χ^2/NDF :834.8/3

All: -10.593+/-0.098 χ^2/NDF : 1483.0/5

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347+/-0.062 χ^2/NDF : 630.1/16

Left Out: 0.345+/-0.106 χ^2/NDF :296.3/3

Right Out: 1.047+/-0.059 χ^2/NDF : 916.0/18

Left In: 0.012+/-0.151 χ^2/NDF :418.2/1

Left: 0.235+/-0.087 χ^2/NDF : 717.7/5

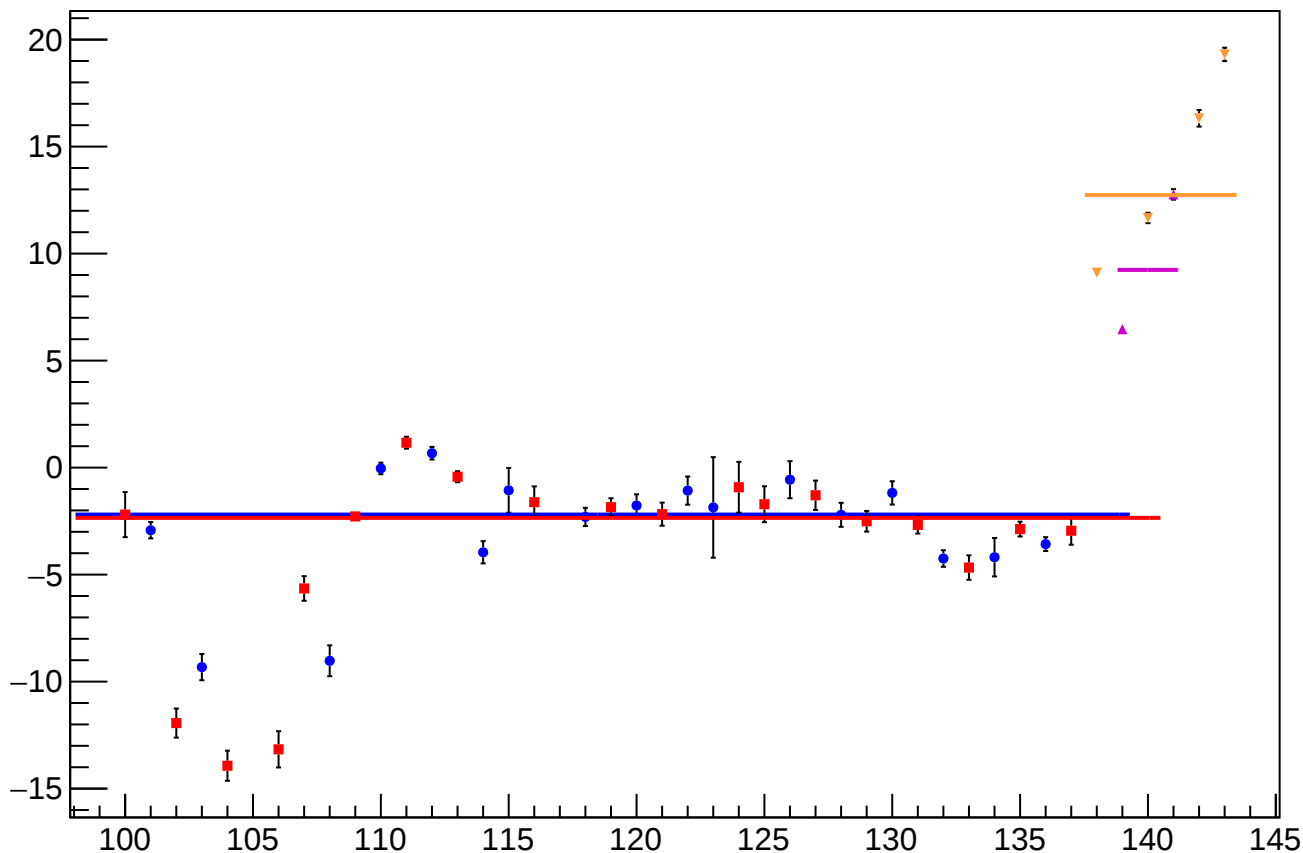
Right: 1.190+/-0.043 χ^2/NDF : 1558.3/35

In: 1.154+/-0.058 χ^2/NDF :1114.7/18

Out: 0.881+/-0.052 χ^2/NDF :1245.7/22

All: 1.003+/-0.038 χ^2/NDF : 2372.9/41

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: 12.735 ± 0.137 $\chi^2/\text{NDF}: 803.3/3$

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: 11.297 ± 0.105 $\chi^2/\text{NDF}: 1439.6/5$

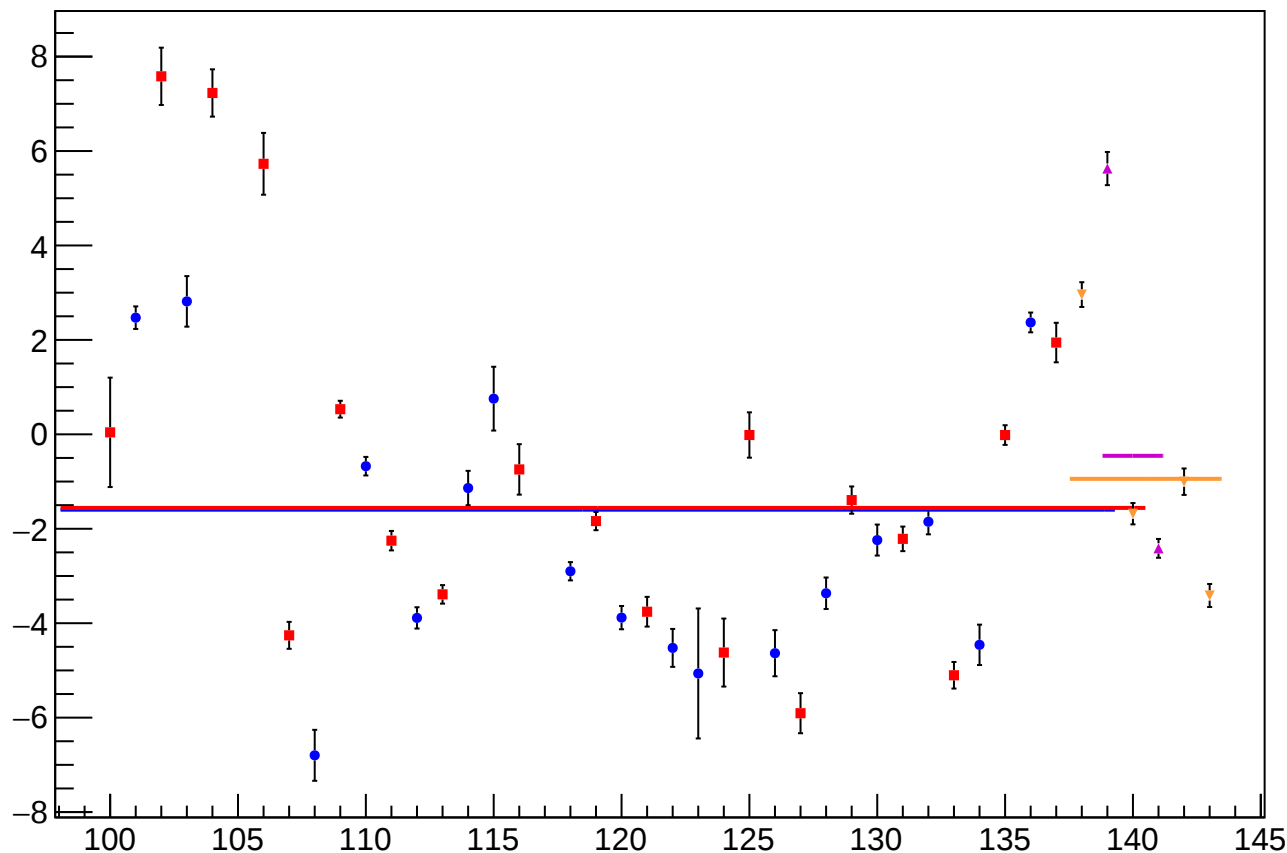
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 1.501 ± 0.093 $\chi^2/\text{NDF}: 4147.5/18$

Out: 2.978 ± 0.081 $\chi^2/\text{NDF}: 9607.7/22$

All: 2.339 ± 0.061 $\chi^2/\text{NDF}: 13898.7/41$

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: -0.942 ± 0.125 χ^2/NDF : 335.1/3

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: -0.775 ± 0.102 χ^2/NDF : 736.3/5

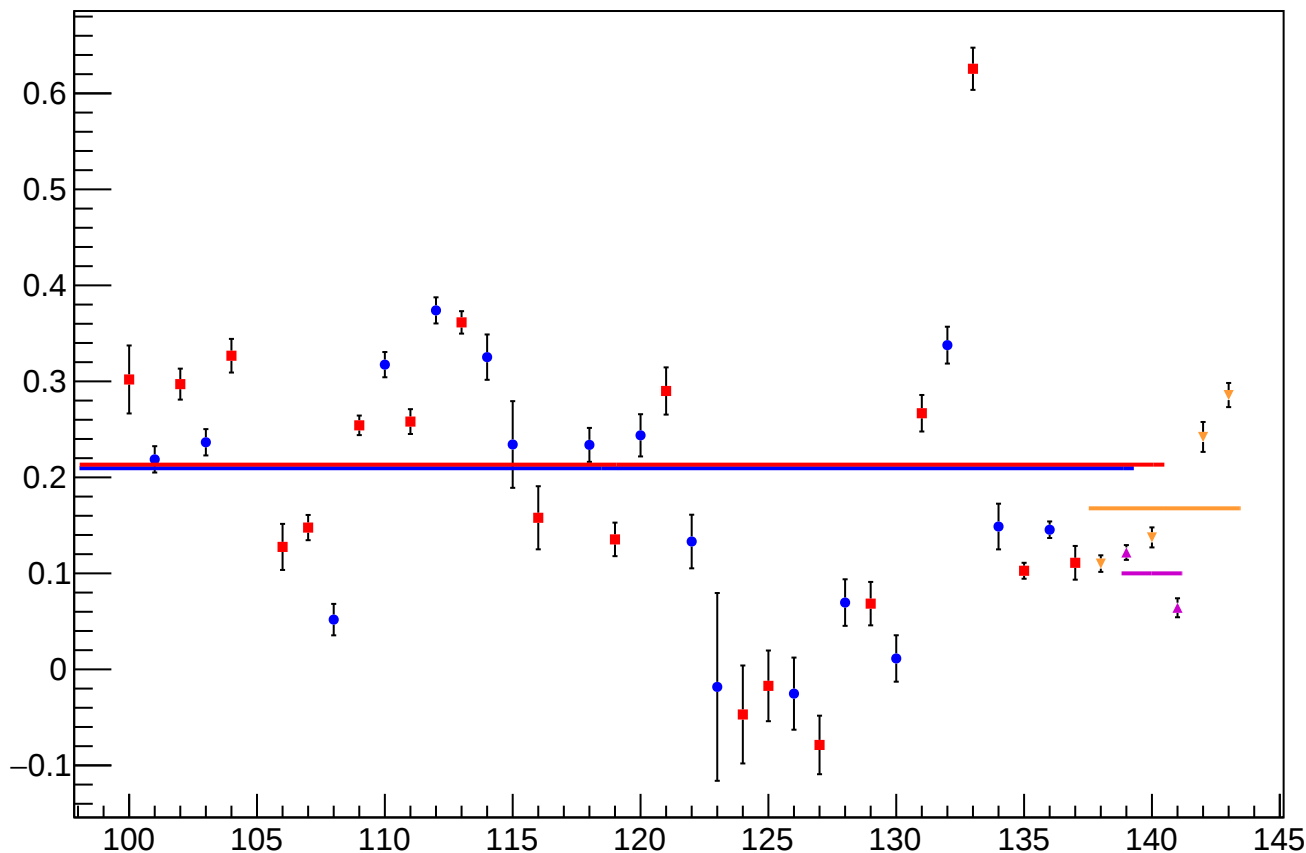
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.429 ± 0.066 χ^2/NDF : 1688.3/18

Out: -1.422 ± 0.059 χ^2/NDF : 1817.7/22

All: -1.425 ± 0.044 χ^2/NDF : 3506.1/41

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: 0.168 $\pm$ 0.005 χ^2 /NDF:163.8/3

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: 0.137 $\pm$ 0.004 χ^2 /NDF: 253.3/5

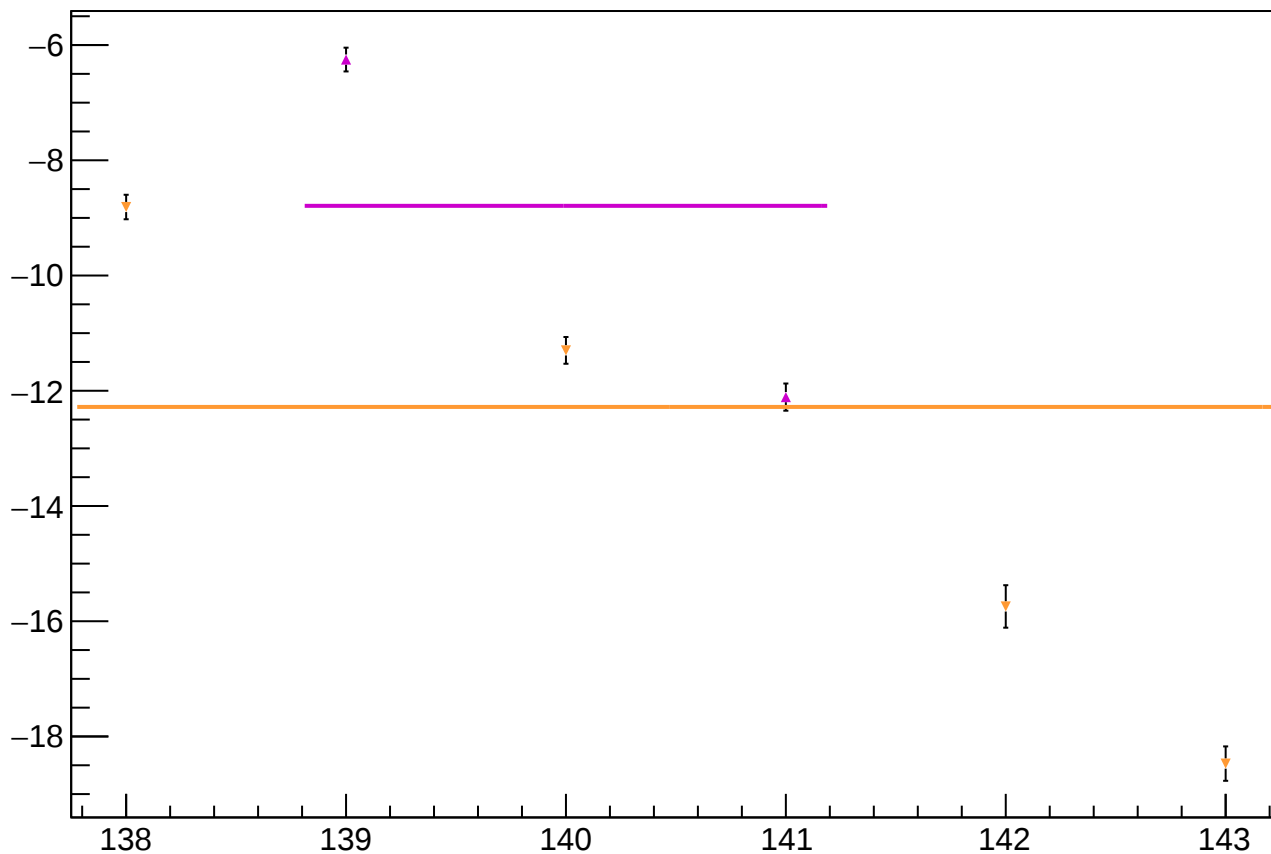
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.174 $\pm$ 0.003 χ^2 /NDF:838.3/18

Out: 0.199 $\pm$ 0.003 χ^2 /NDF:1313.8/22

All: 0.188 $\pm$ 0.002 χ^2 /NDF: 2180.4/41

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: -12.281+/-0.130 χ^2/NDF :802.6/3

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: -10.843+/-0.100 χ^2/NDF : 1449.3/5

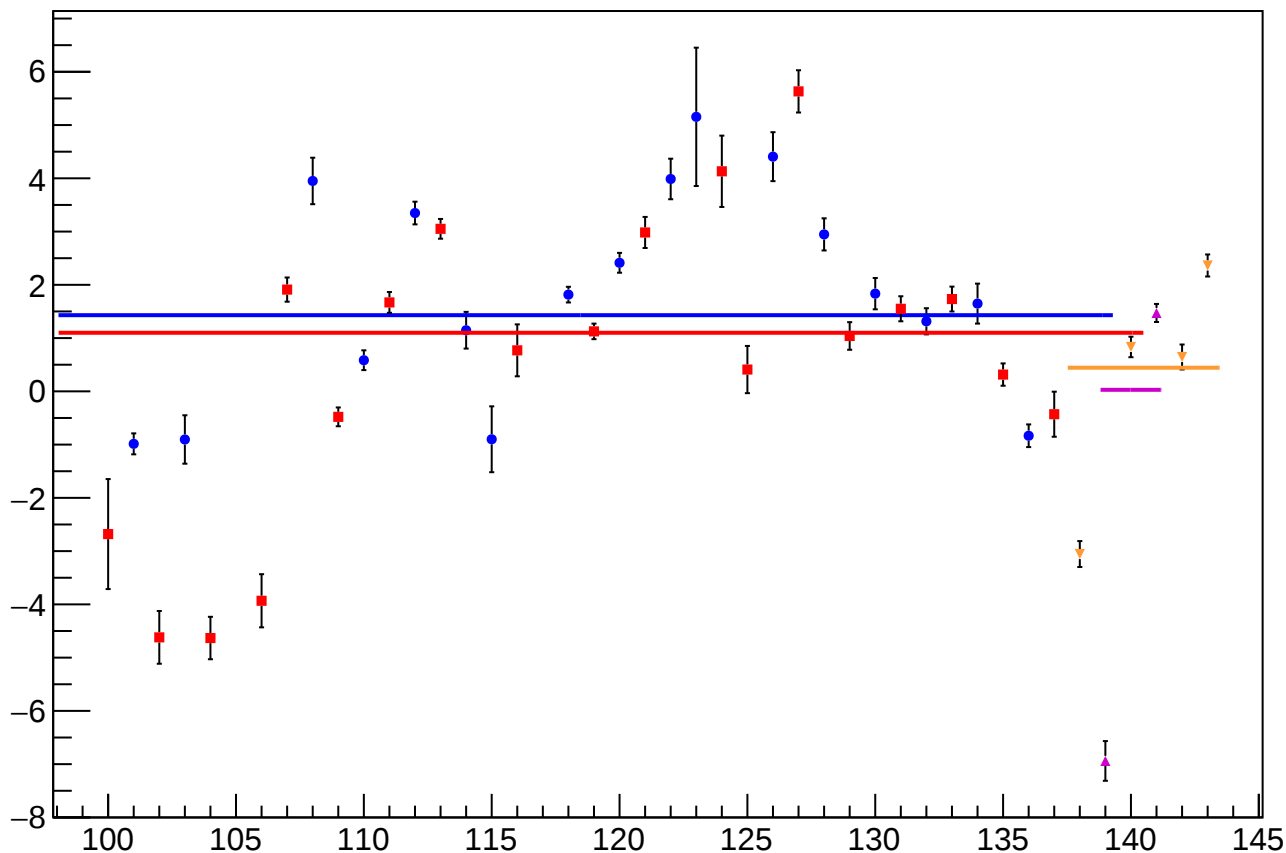
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.790+/-0.155 χ^2/NDF :349.6/1

Out: -12.281+/-0.130 χ^2/NDF :802.6/3

All: -10.843+/-0.100 χ^2/NDF : 1449.3/5

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 0.444 ± 0.108 χ^2/NDF : 297.3/3

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 0.029 ± 0.154 χ^2/NDF : 421.4/1

Left: 0.307 ± 0.089 χ^2/NDF : 723.6/5

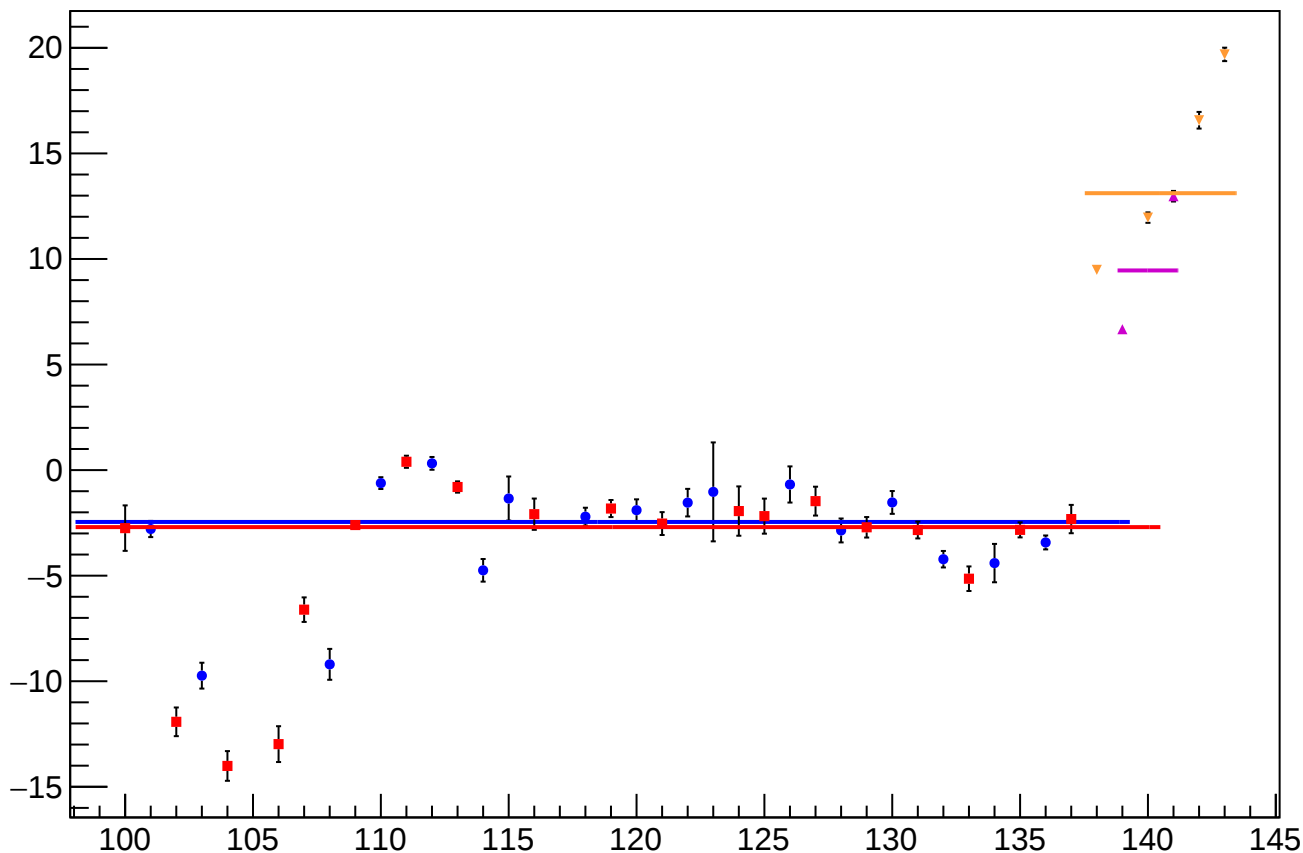
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.231 ± 0.058 χ^2/NDF : 1090.1/18

Out: 0.946 ± 0.052 χ^2/NDF : 1226.5/22

All: 1.074 ± 0.039 χ^2/NDF : 2329.9/41

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 $\chi^2/\text{NDF}: 419.1/16$

Left Out: 13.116 ± 0.140 $\chi^2/\text{NDF}: 772.1/3$

Right Out: -2.700 ± 0.103 $\chi^2/\text{NDF}: 829.7/18$

Left In: 9.457 ± 0.167 $\chi^2/\text{NDF}: 352.0/1$

Left: 11.609 ± 0.107 $\chi^2/\text{NDF}: 1407.4/5$

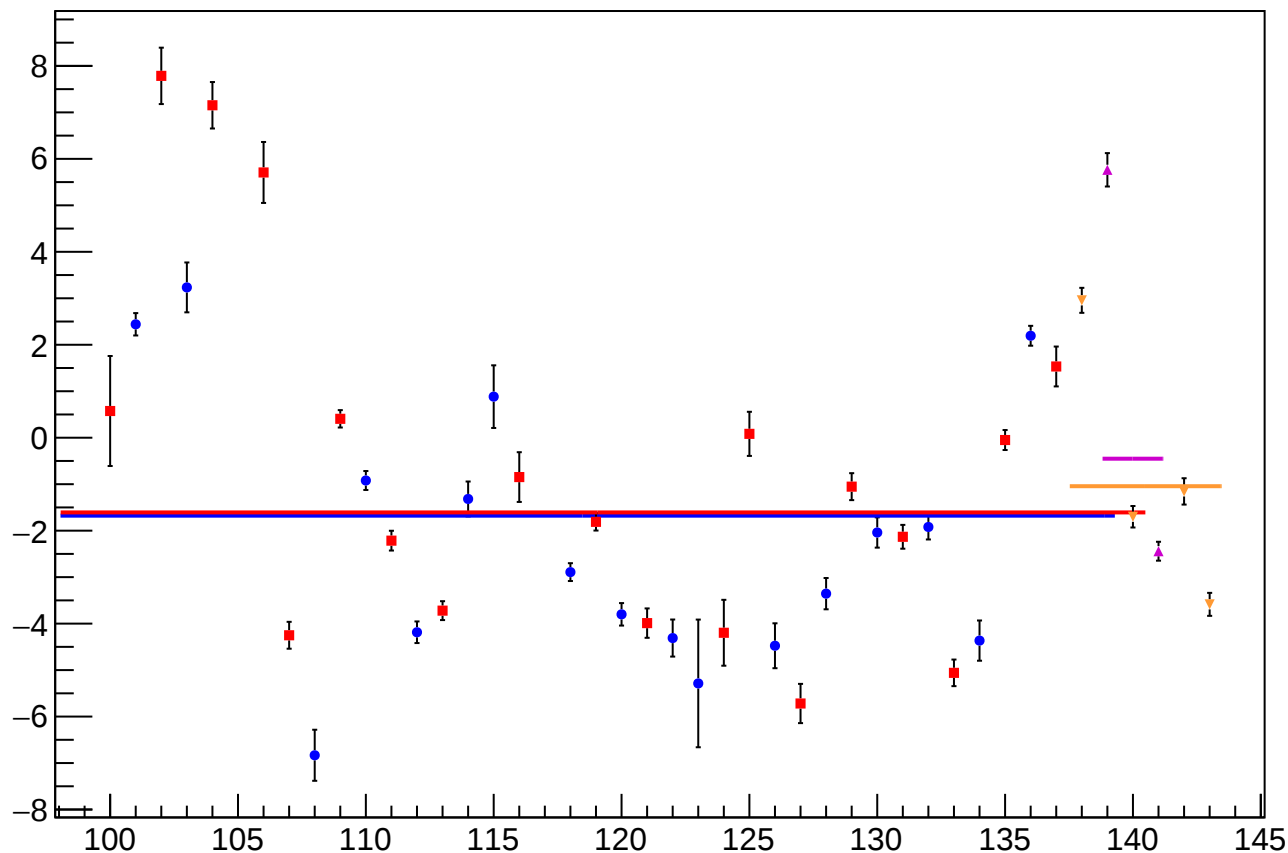
Right: -2.591 ± 0.077 $\chi^2/\text{NDF}: 1251.4/35$

In: 1.364 ± 0.094 $\chi^2/\text{NDF}: 4238.6/18$

Out: 2.885 ± 0.083 $\chi^2/\text{NDF}: 9914.7/22$

All: 2.223 ± 0.062 $\chi^2/\text{NDF}: 14299.8/41$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -1.043 ± 0.128 $\chi^2/\text{NDF}: 335.1/3$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -0.452 ± 0.177 $\chi^2/\text{NDF}: 395.1/1$

Left: -0.841 ± 0.104 $\chi^2/\text{NDF}: 737.6/5$

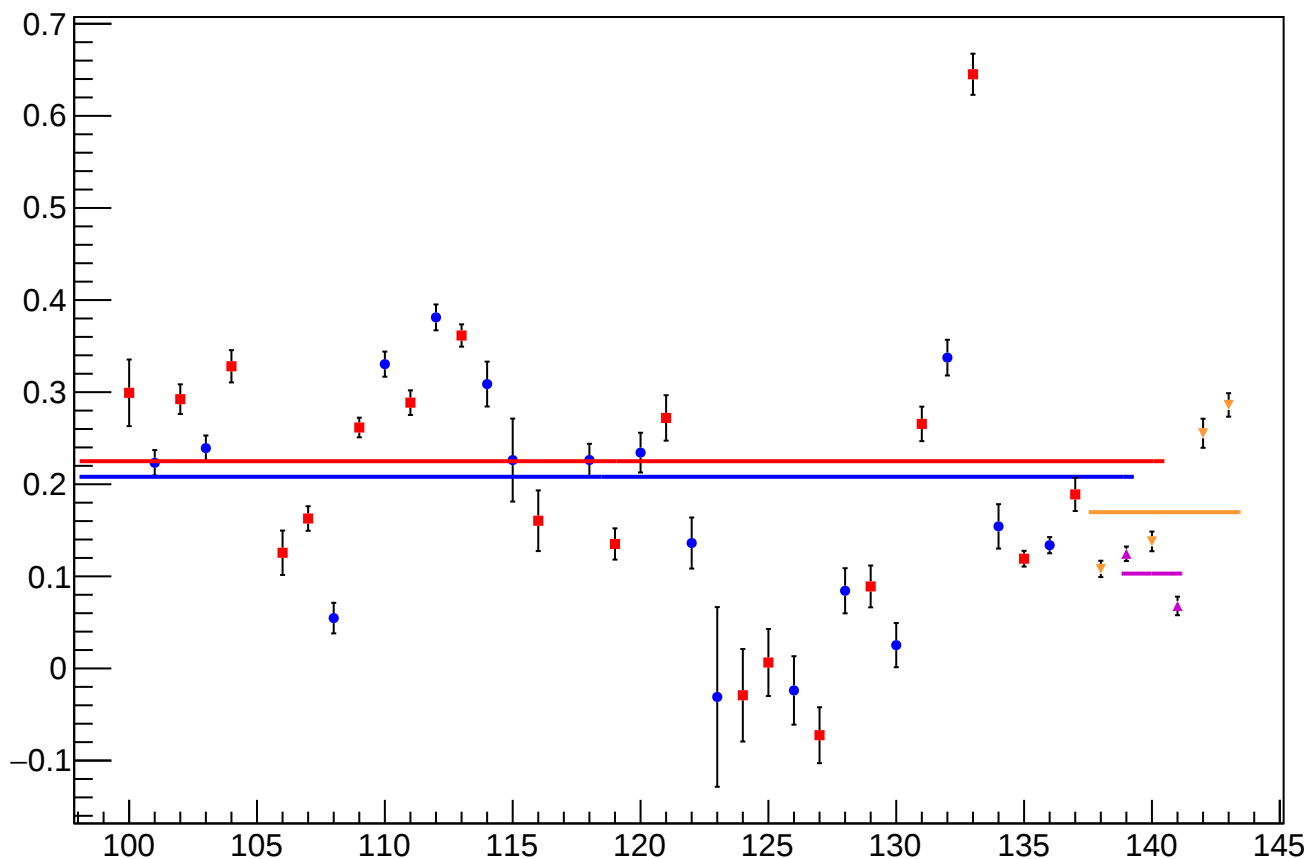
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -1.501 ± 0.067 $\chi^2/\text{NDF}: 1640.9/18$

Out: -1.483 ± 0.060 $\chi^2/\text{NDF}: 1781.1/22$

All: -1.491 ± 0.045 $\chi^2/\text{NDF}: 3422.0/41$

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: 0.170 $\pm$ 0.006 χ^2 /NDF:169.9/3

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: 0.140 $\pm$ 0.004 χ^2 /NDF: 252.9/5

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: 0.207 $\pm$ 0.003 χ^2 /NDF:1236.0/22

All: 0.193 $\pm$ 0.002 χ^2 /NDF: 2099.7/41