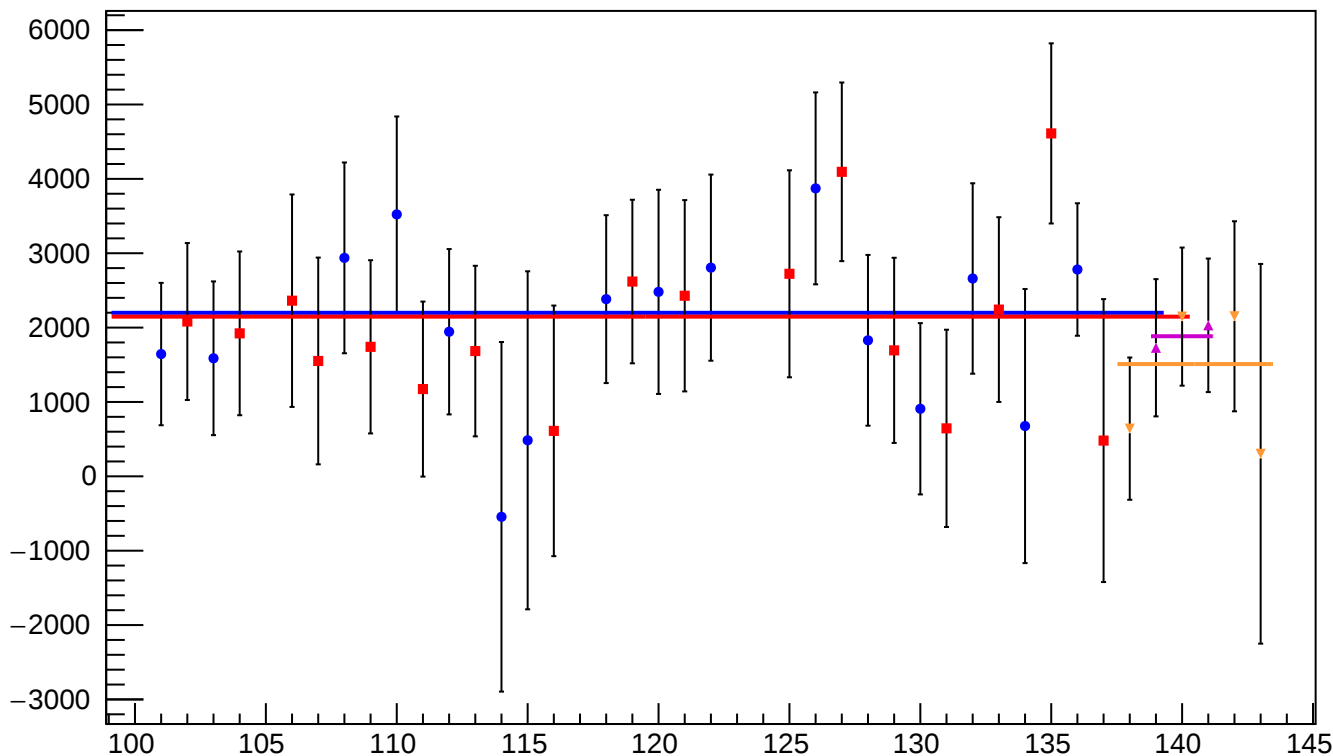


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1509.456+/-575.560

Right Out: 2147.149+/-304.804

Left In: 1883.851+/-643.493

χ^2/NDF : 8.6/15

χ^2/NDF : 1.8/3

χ^2/NDF : 11.4/16

χ^2/NDF : 0.1/1

Left: 1675.855+/-428.996

Right: 2172.848+/-216.219

In: 2140.543+/-276.910

Out: 2007.478+/-269.363

All: 2072.173+/-193.082

χ^2/NDF : 2.0/5

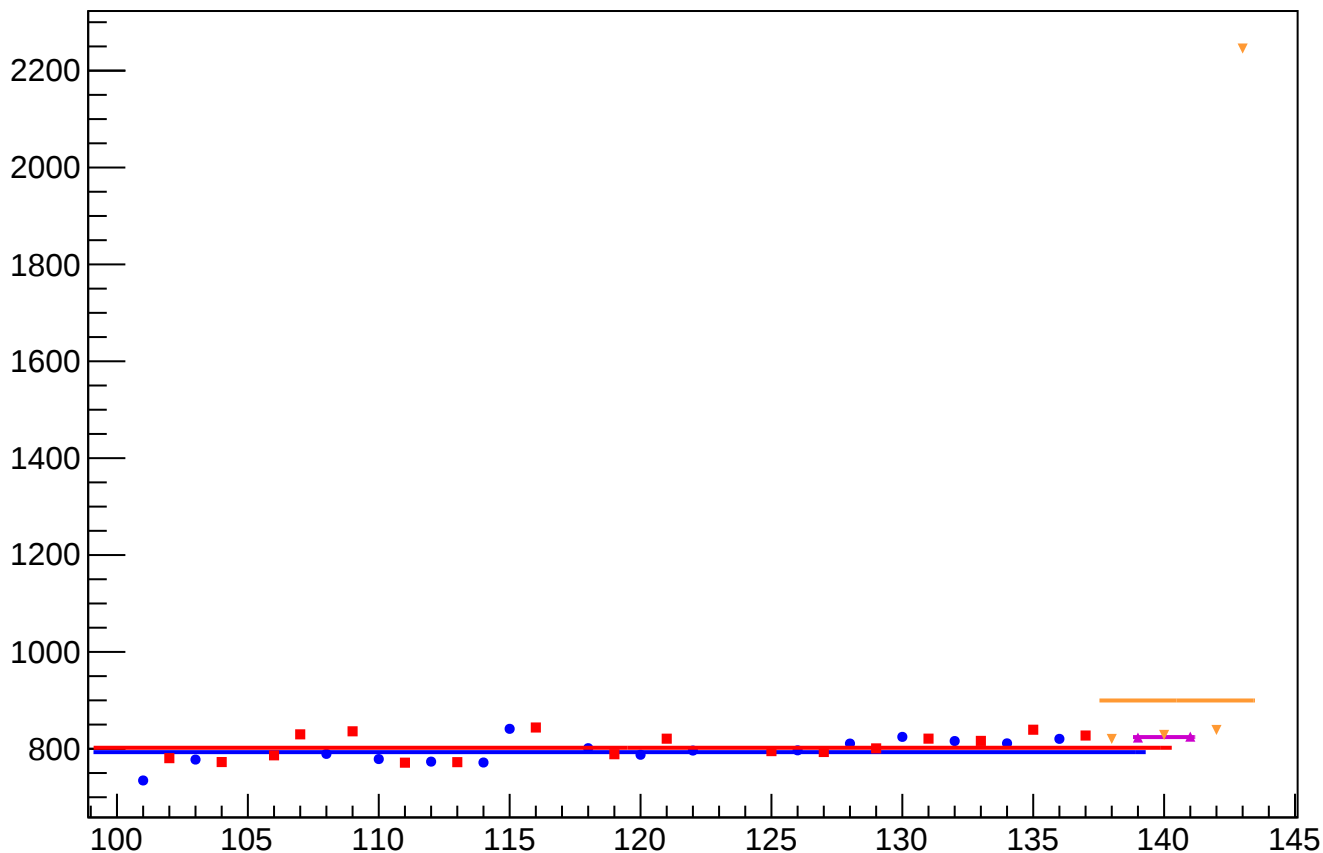
χ^2/NDF : 20.0/32

χ^2/NDF : 8.8/17

χ^2/NDF : 14.1/20

χ^2/NDF : 23.1/38

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: 802.148 ± 0.216 χ^2/NDF : 12723.5/16

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

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

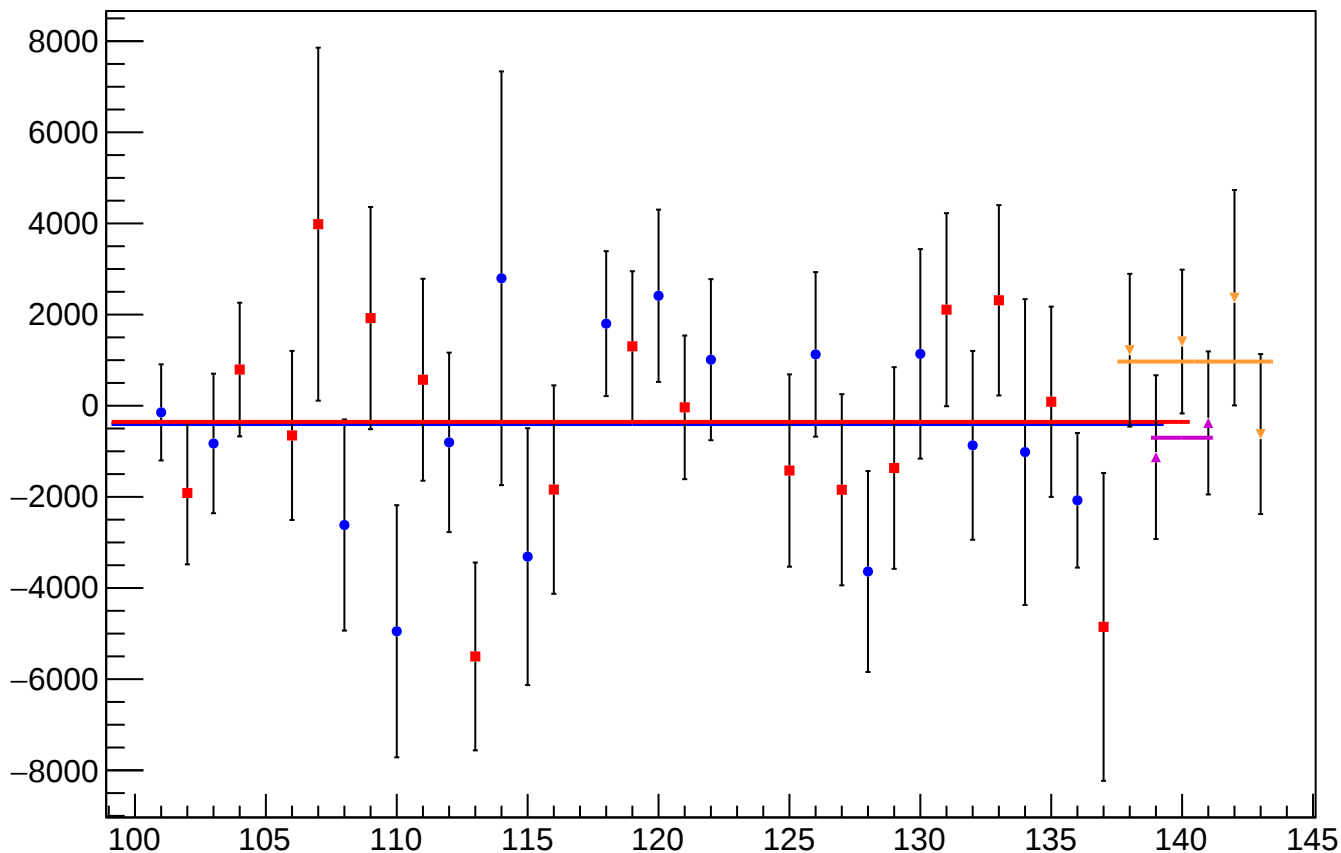
Right: 797.648 ± 0.153 χ^2/NDF : 28303.8/32

In: 798.853 ± 0.196 χ^2/NDF : 18517.9/17

Out: 823.523 ± 0.190 χ^2/NDF : 643468.4/20

All: 811.529 ± 0.137 χ^2/NDF : 670142.3/38

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: -354.462+/-486.525 χ^2/NDF : 17.4/16

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

Left: 364.269+/-711.107 χ^2/NDF : 2.6/5

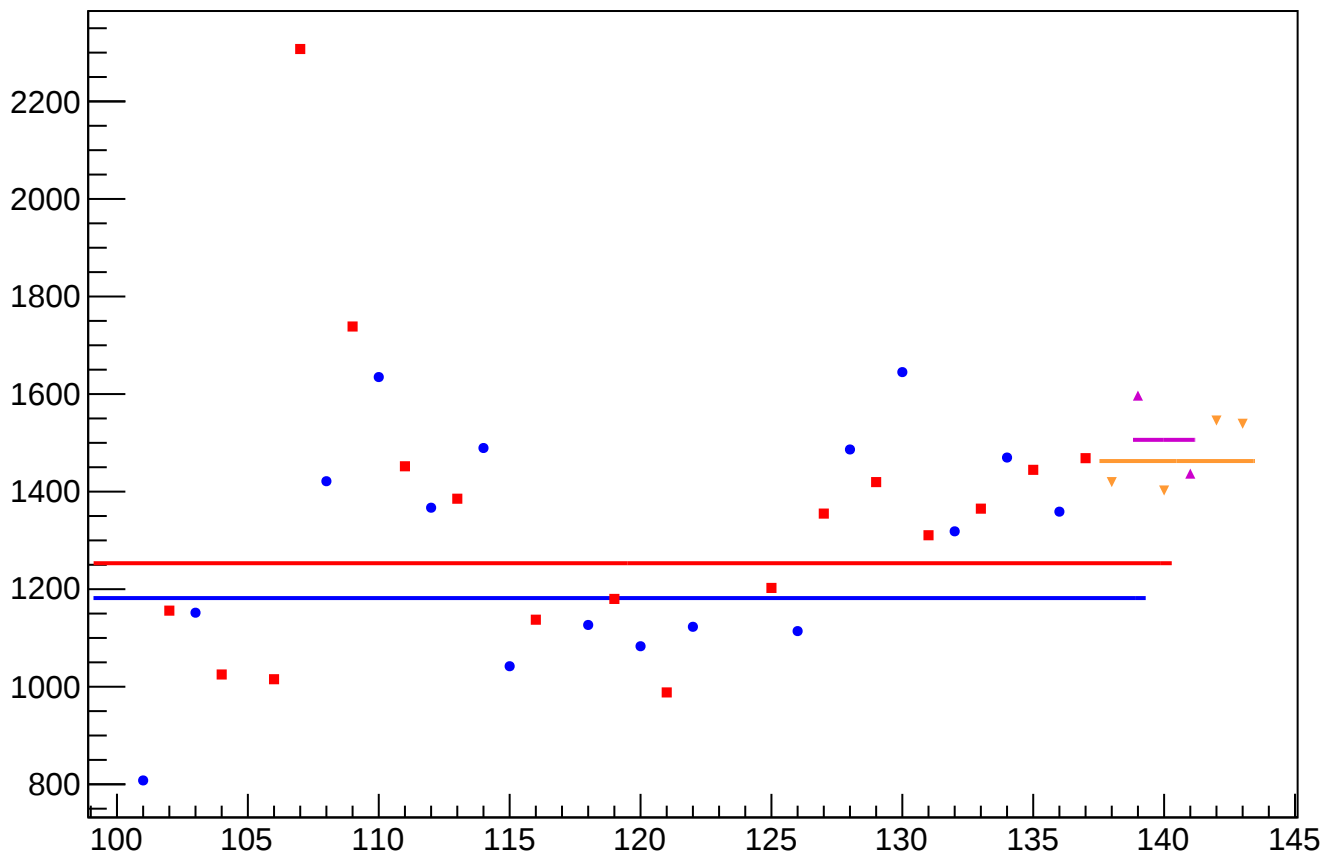
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

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

Out: -50.012+/-426.923 χ^2/NDF : 20.4/20

All: -242.201+/-304.928 χ^2/NDF : 35.8/38

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1462.694 $\pm$ 0.629 χ^2/NDF : 10525.2/3

Right Out: 1253.221 $\pm$ 0.344 χ^2/NDF : 455640.3/16

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

Left: 1478.422 $\pm$ 0.503 χ^2/NDF : 21237.4/5

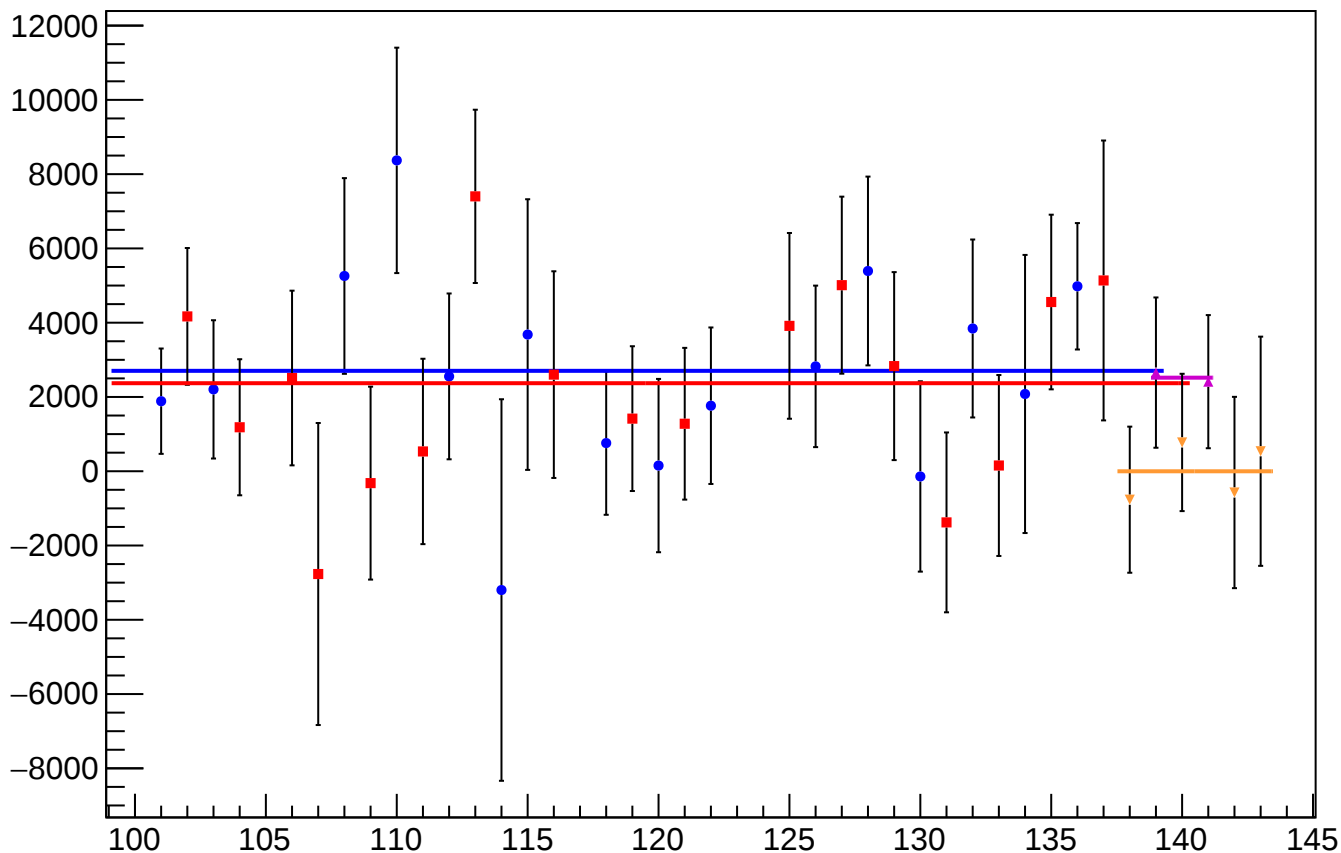
Right: 1216.159 $\pm$ 0.239 χ^2/NDF : 1021509.6/32

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

Out: 1301.401 $\pm$ 0.302 χ^2/NDF : 551438.8/20

All: 1264.382 $\pm$ 0.216 χ^2/NDF : 1264766.2/38

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: -1.252 $\pm$ 1113.331 χ^2 /NDF: 0.4/3

Right Out: 2370.617 $\pm$ 573.481 χ^2 /NDF: 16.0/16

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

Left: 1026.508 $\pm$ 856.806 χ^2 /NDF: 2.5/5

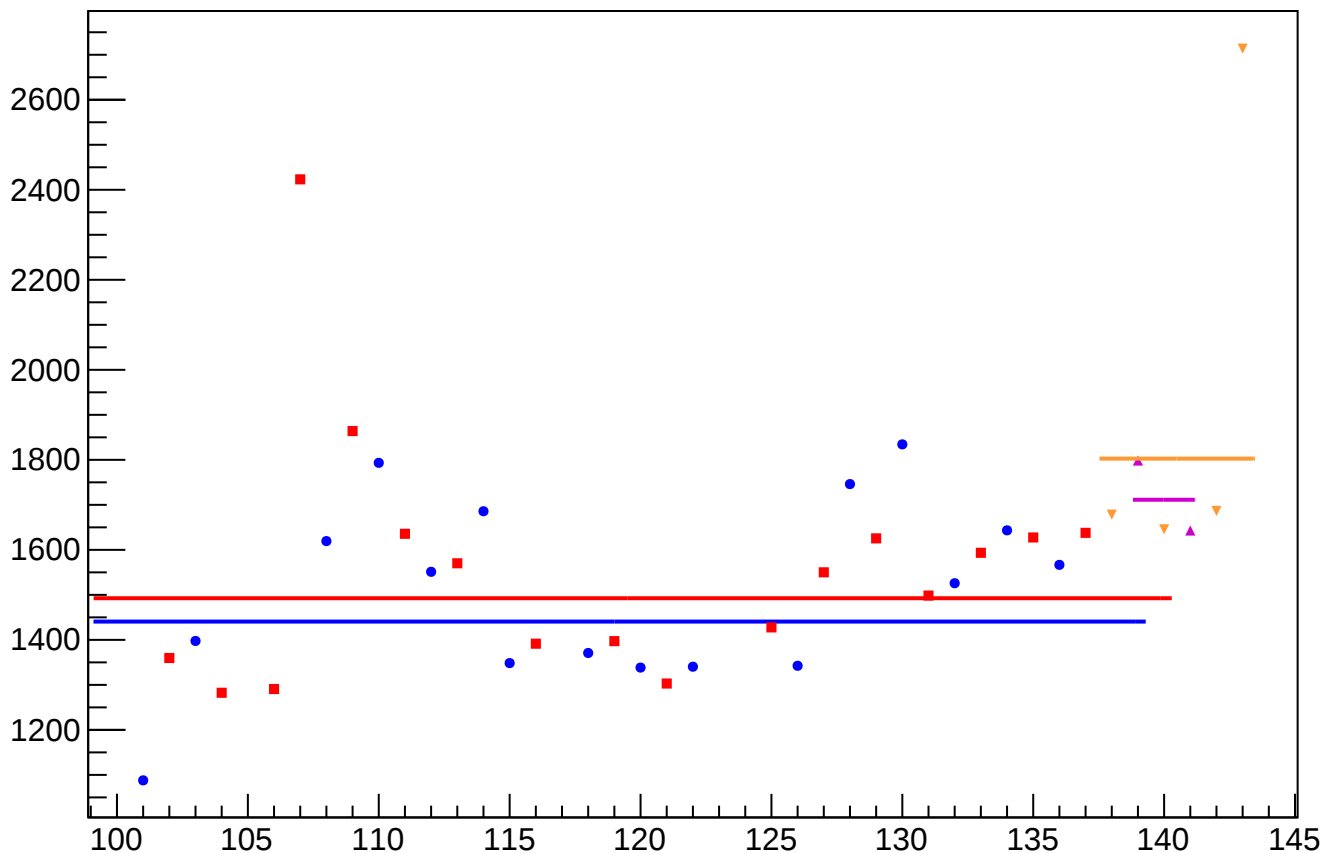
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

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

Out: 1873.252 $\pm$ 509.820 χ^2 /NDF: 20.0/20

All: 2266.423 $\pm$ 364.157 χ^2 /NDF: 34.3/38

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: 1492.529+/-0.406 χ^2/NDF : 251506.2/16

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

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

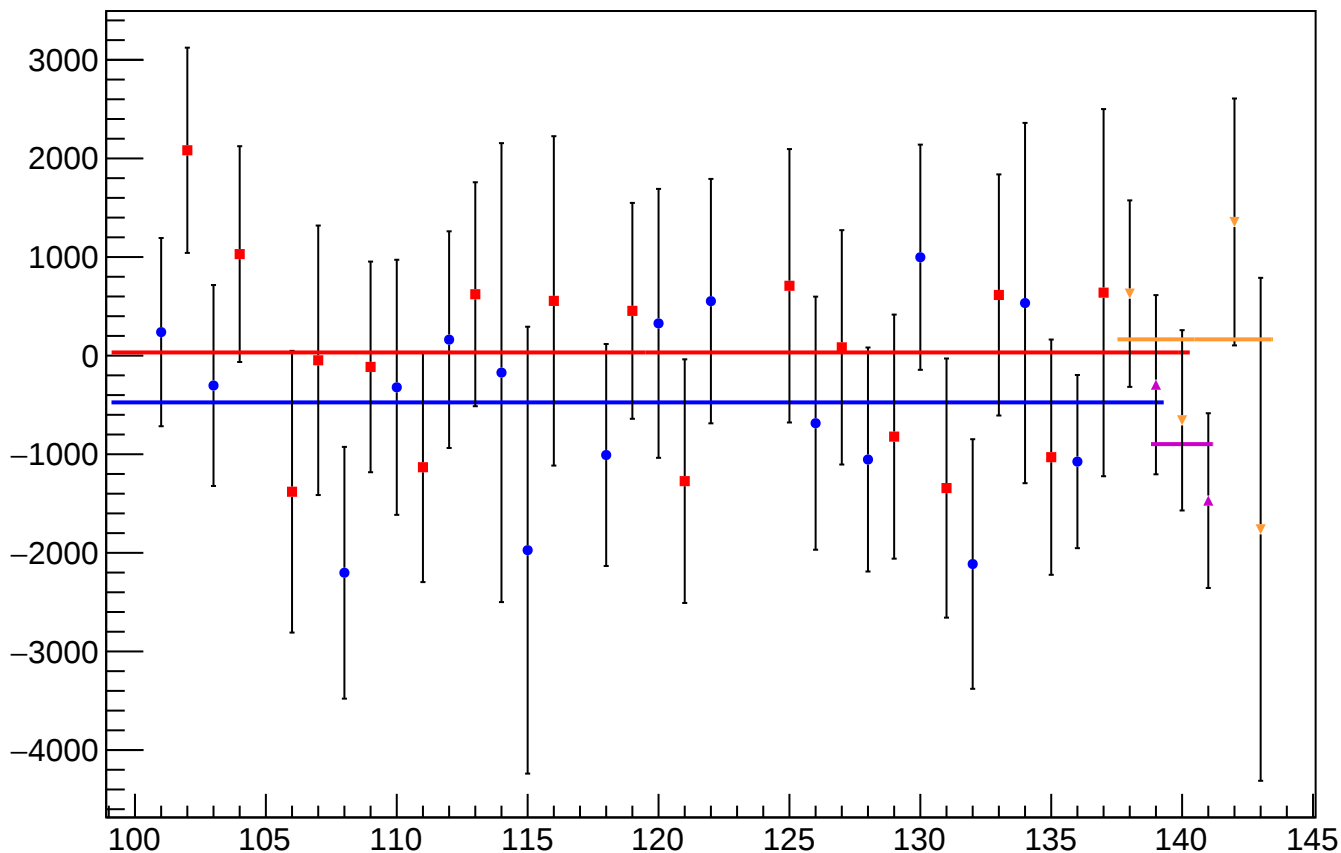
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

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

Out: 1557.567+/-0.360 χ^2/NDF : 574929.9/20

All: 1520.238+/-0.257 χ^2/NDF : 954838.8/38

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 165.130 $\pm$ 567.437 χ^2 /NDF:2.5/3

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

Left In: -897.217 $\pm$ 634.438 χ^2 /NDF:0.9/1

Left: -307.004 $\pm$ 422.950 χ^2 /NDF: 4.9/5

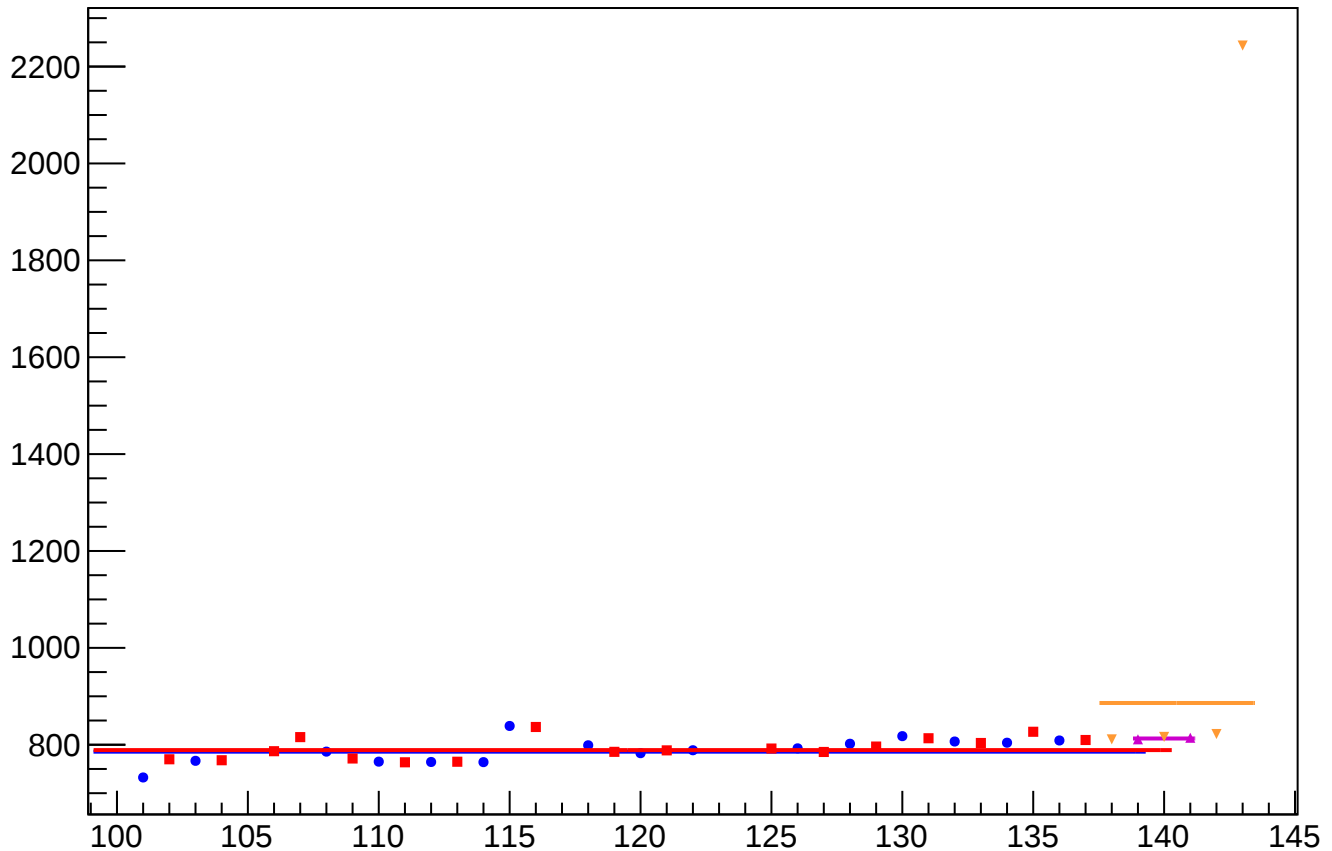
Right: -217.229 $\pm$ 213.362 χ^2 /NDF: 21.6/32

In: -553.100 $\pm$ 274.089 χ^2 /NDF:10.1/17

Out: 61.379 $\pm$ 264.946 χ^2 /NDF:13.8/20

All: -235.441 $\pm$ 190.496 χ^2 /NDF: 26.5/38

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

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

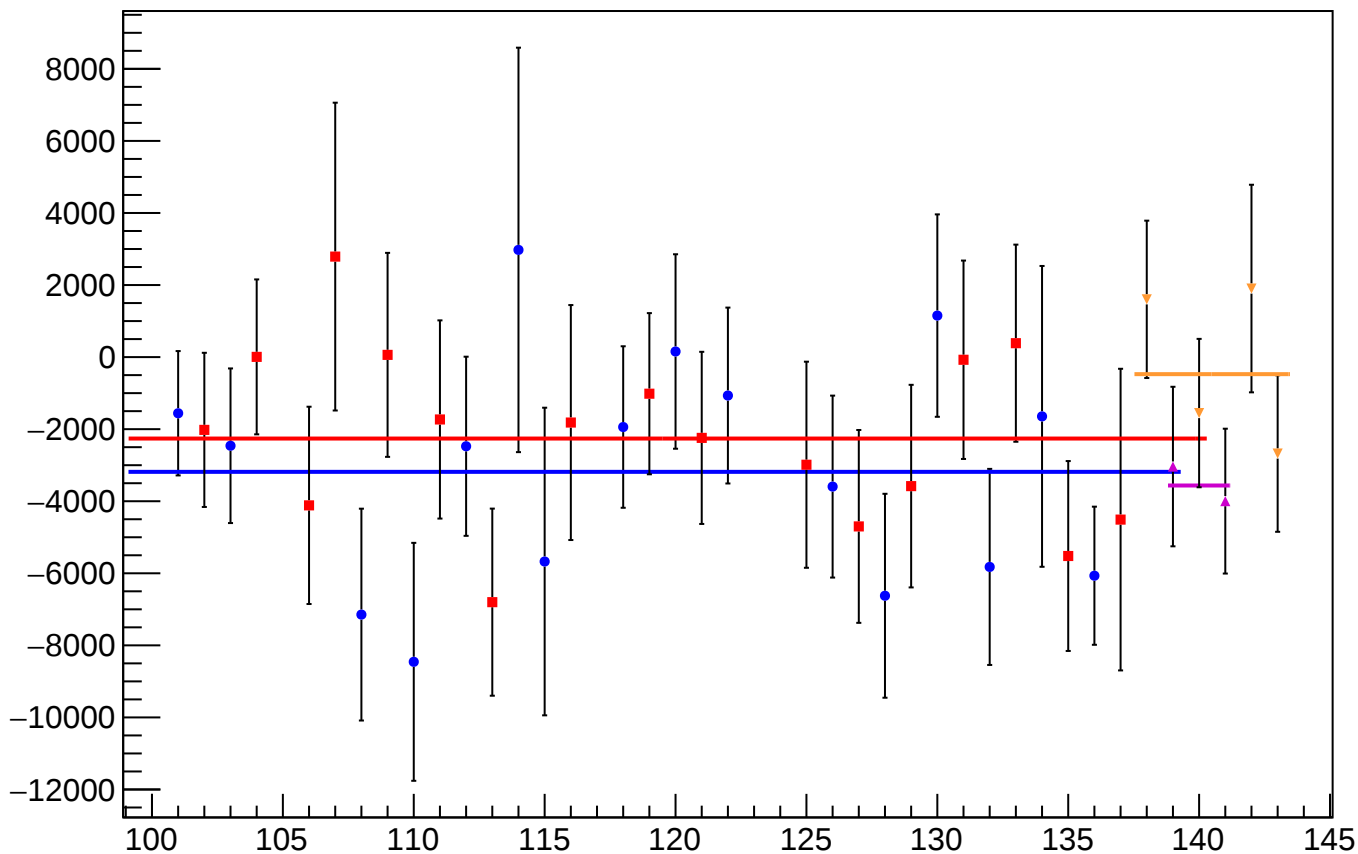
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

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

Out: 810.147 $\pm$ 0.187 χ^2 /NDF: 651373.0/20

All: 800.807 $\pm$ 0.135 χ^2 /NDF: 673429.7/38

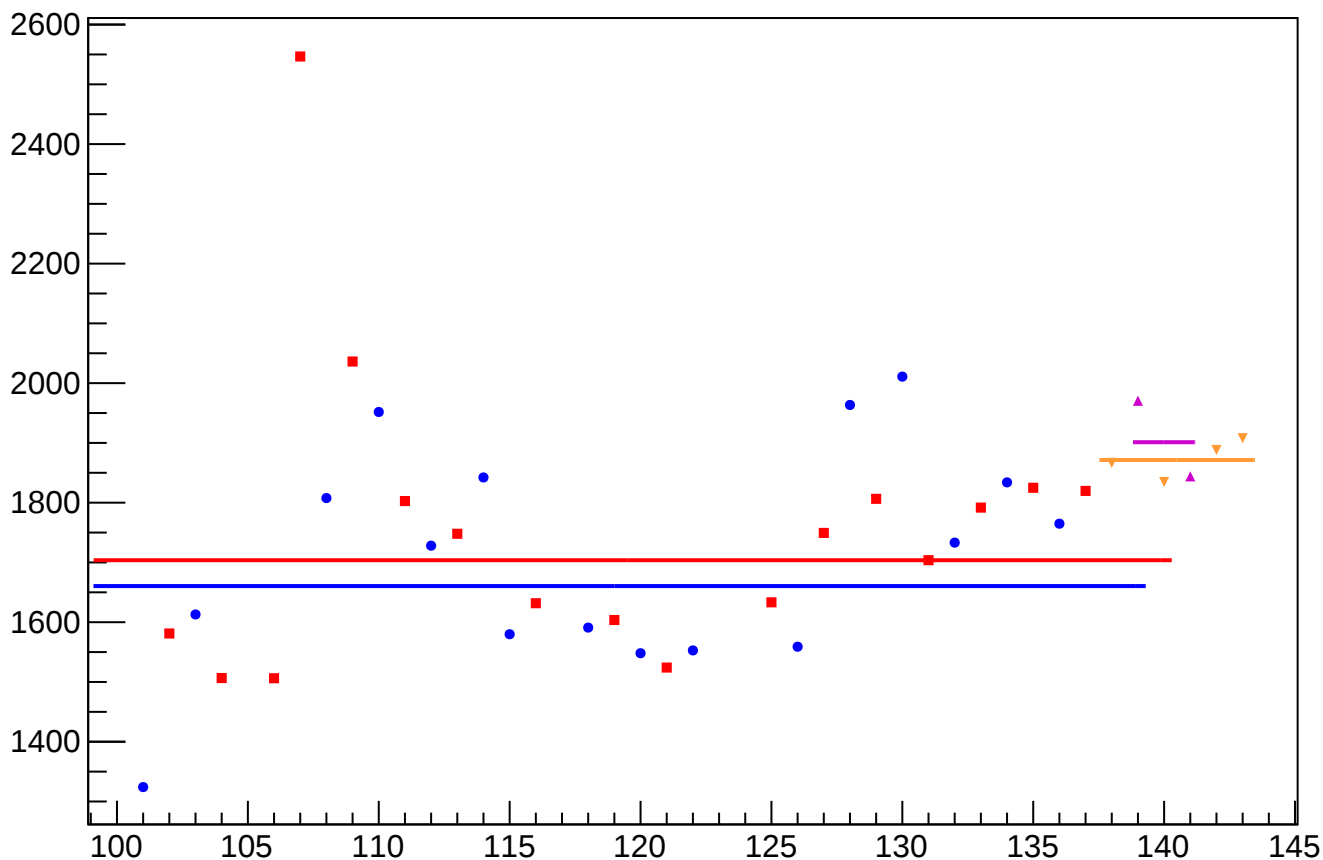
asym_us_dd_correction_mean vs Slug, Sign Corrected



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: -2260.241 ± 651.957 $\chi^2/\text{NDF}: 11.6/16$
 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: -2725.651 ± 459.370 $\chi^2/\text{NDF}: 29.4/32$
 In: -3244.832 ± 593.624 $\chi^2/\text{NDF}: 17.0/17$
 Out: -1816.099 ± 565.170 $\chi^2/\text{NDF}: 16.3/20$
 All: -2495.405 ± 409.325 $\chi^2/\text{NDF}: 36.3/38$

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: 1703.679+/-0.461 χ^2/NDF : 171025.5/16

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

Left: 1882.379+/-0.638 χ^2/NDF : 5362.6/5

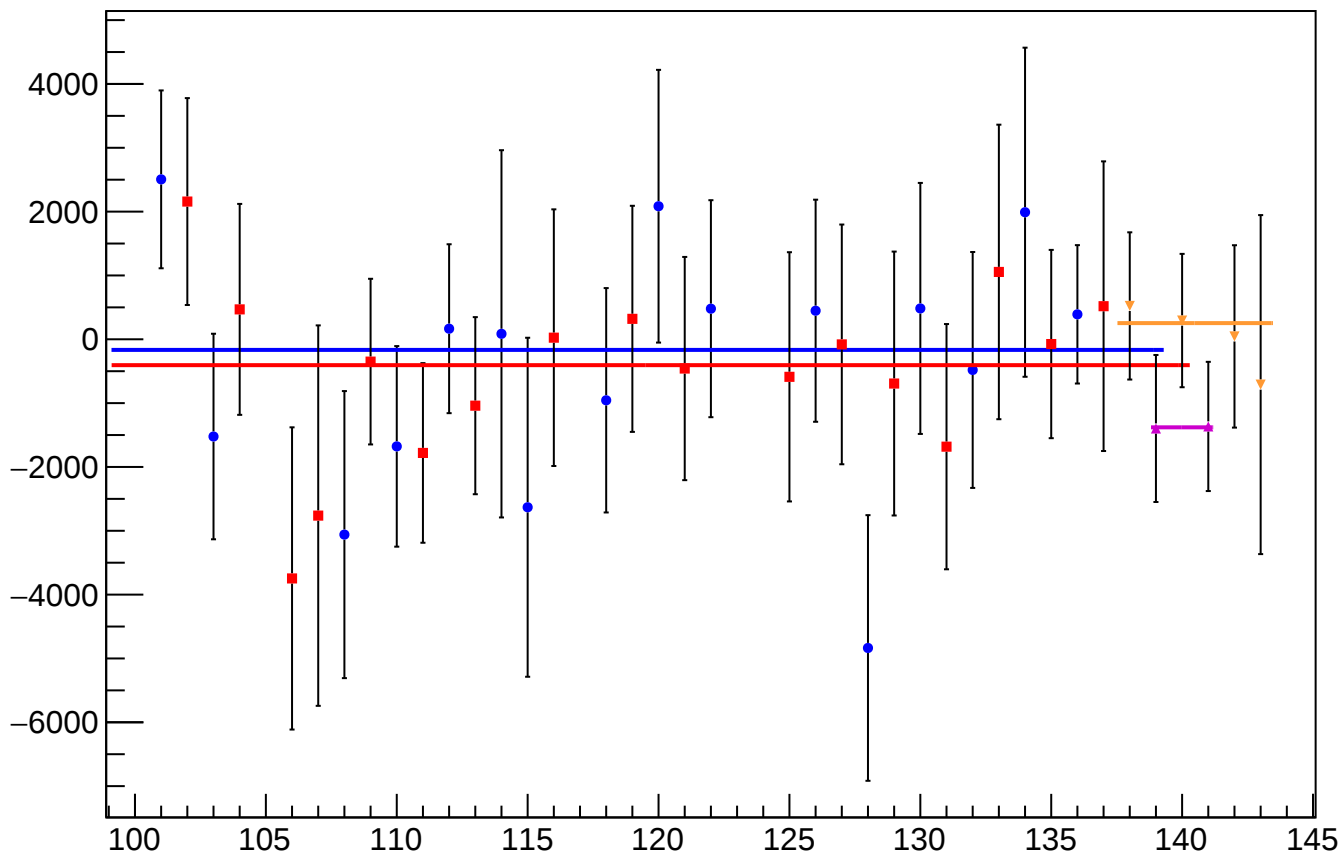
Right: 1681.918+/-0.325 χ^2/NDF : 354656.9/32

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

Out: 1745.376+/-0.400 χ^2/NDF : 205221.6/20

All: 1723.216+/-0.289 χ^2/NDF : 438482.3/38

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

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

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

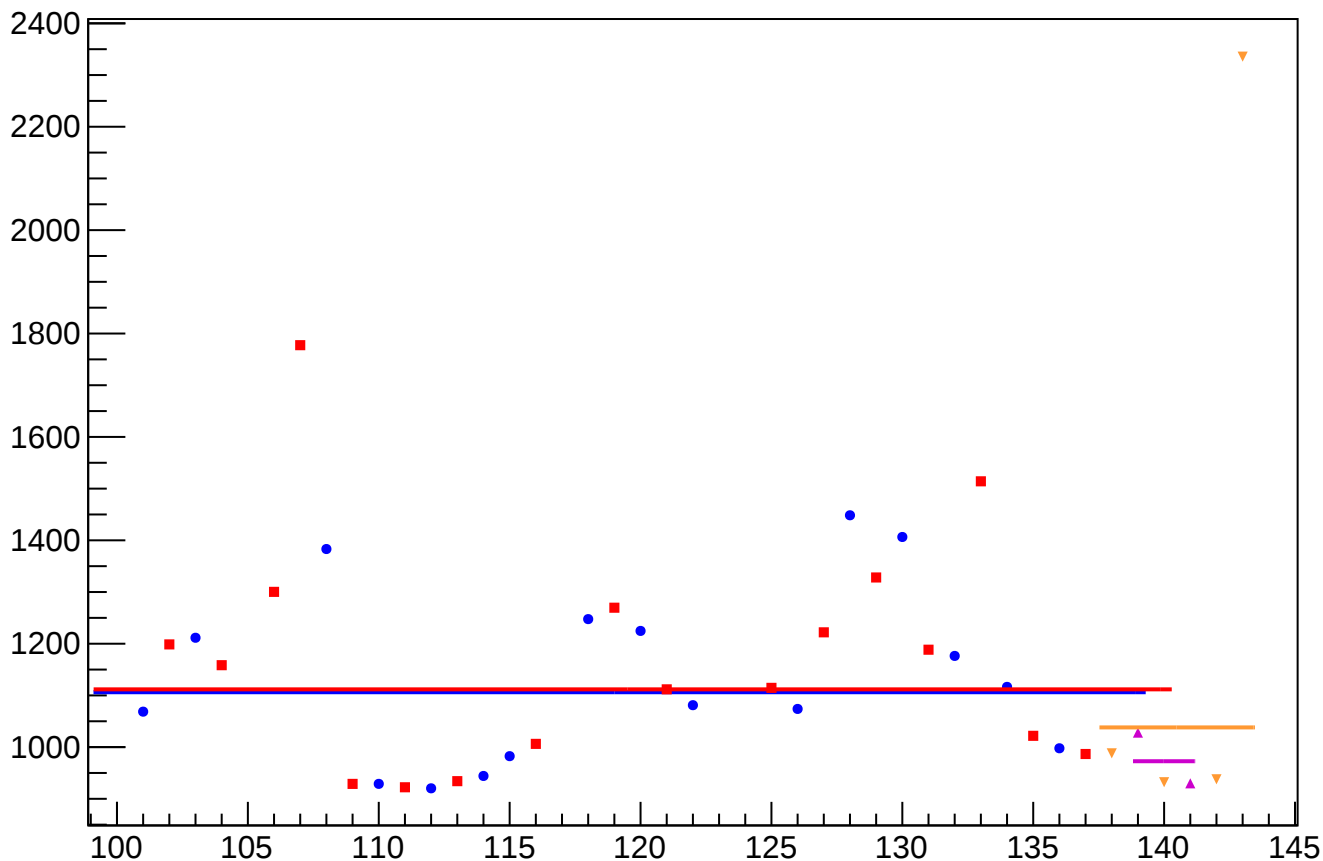
Right: -286.949 ± 304.505 $\chi^2/\text{NDF}: 23.7/32$

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

Out: -209.577 ± 359.359 $\chi^2/\text{NDF}: 8.8/20$

All: -330.614 ± 259.801 $\chi^2/\text{NDF}: 26.6/38$

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

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

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

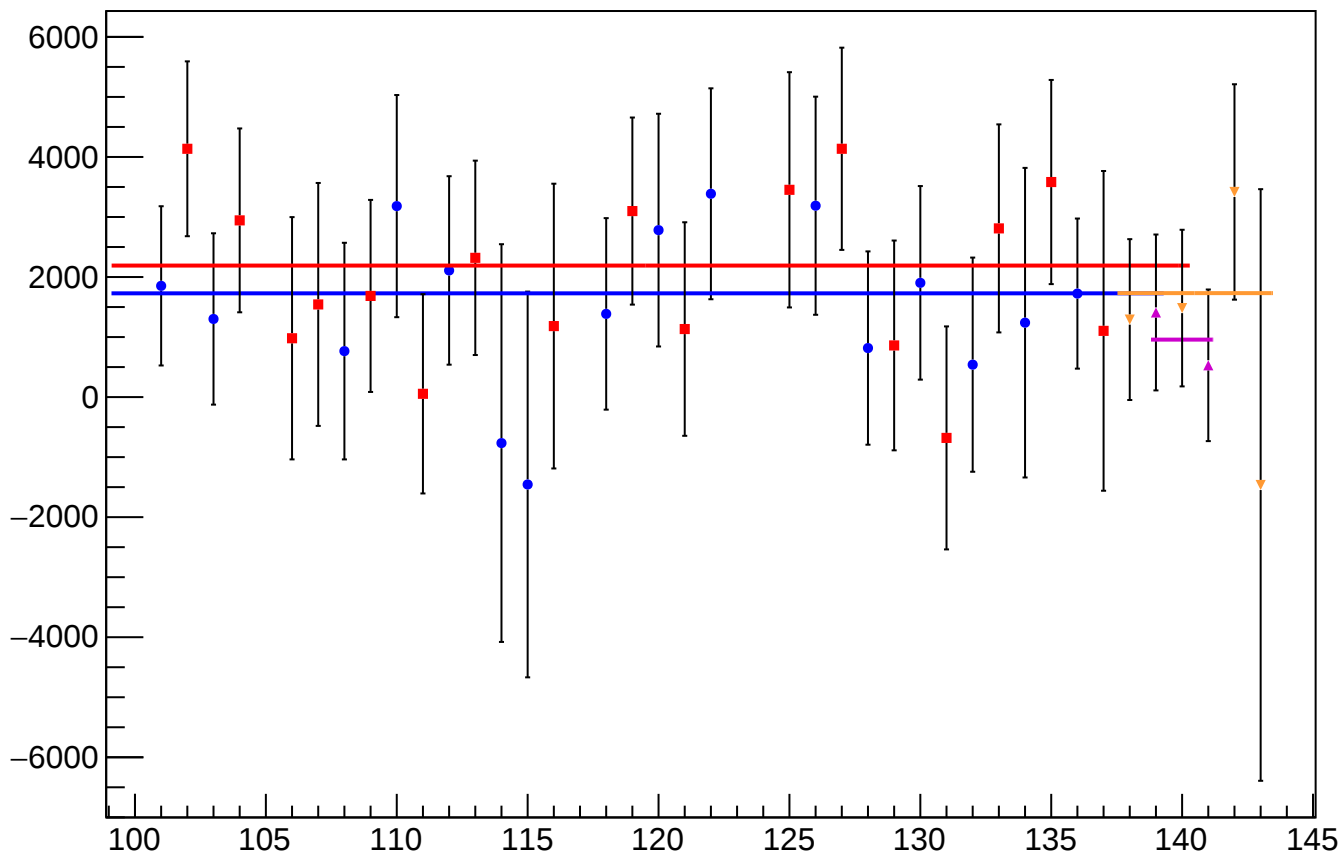
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

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

Out: 1089.855+/-0.254 χ^2/NDF : 885679.0/20

All: 1082.048+/-0.184 χ^2/NDF : 1202324.7/38

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: 2190.971+/-427.222 χ^2/NDF : 10.8/16

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

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

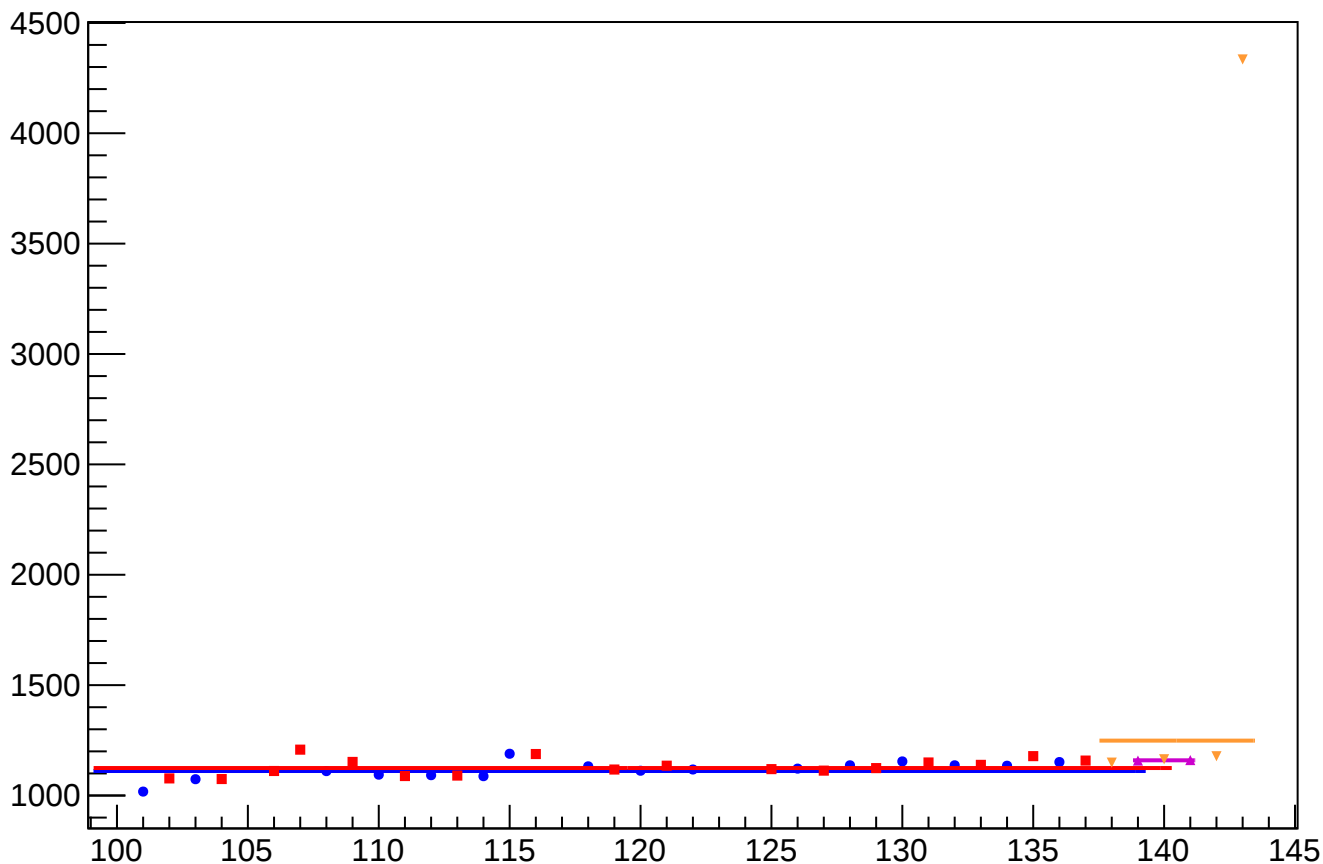
Right: 1961.110+/-303.000 χ^2/NDF : 16.7/32

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

Out: 2092.479+/-378.627 χ^2/NDF : 12.5/20

All: 1845.909+/-271.072 χ^2/NDF : 19.5/38

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1248.672+/-0.578 χ^2/NDF : 806738.8/3

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

Left In: 1159.491+/-0.640 χ^2/NDF : 2.9/1

Left: 1208.617+/-0.429 χ^2/NDF : 817434.2/5

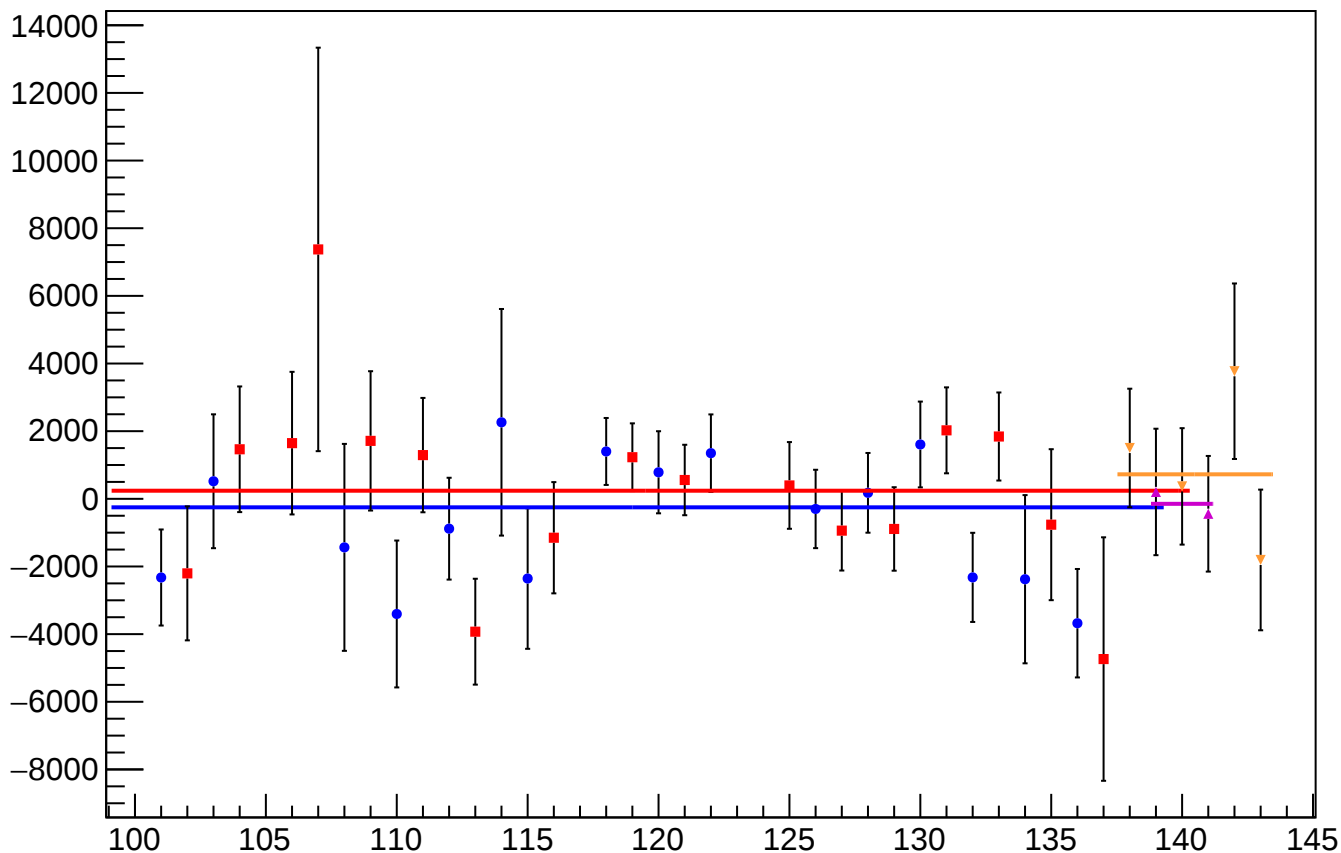
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1119.955+/-0.275 χ^2/NDF : 22768.8/17

Out: 1151.153+/-0.268 χ^2/NDF : 857581.2/20

All: 1135.946+/-0.192 χ^2/NDF : 886968.9/38

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327 $\pm$ 364.951 χ^2/NDF : 21.8/15

Left Out: 724.625 $\pm$ 979.225 χ^2/NDF : 3.1/3

Right Out: 239.863 $\pm$ 363.842 χ^2/NDF : 21.1/16

Left In: -147.912 $\pm$ 1261.475 χ^2/NDF : 0.1/1

Left: 396.549 $\pm$ 773.524 χ^2/NDF : 3.5/5

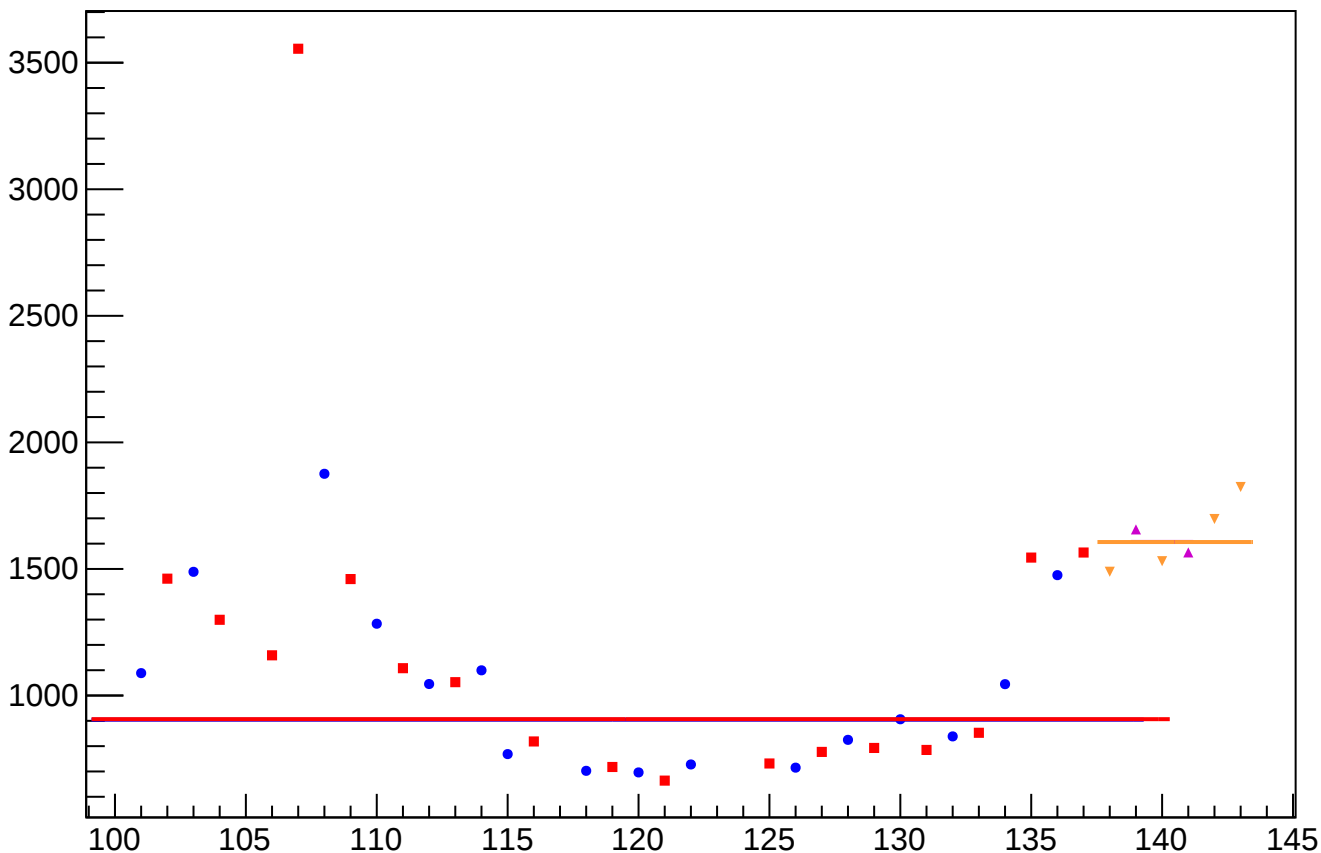
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -243.340 $\pm$ 350.574 χ^2/NDF : 21.9/17

Out: 298.669 $\pm$ 341.060 χ^2/NDF : 24.4/20

All: 35.120 $\pm$ 244.460 χ^2/NDF : 47.5/38

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

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

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

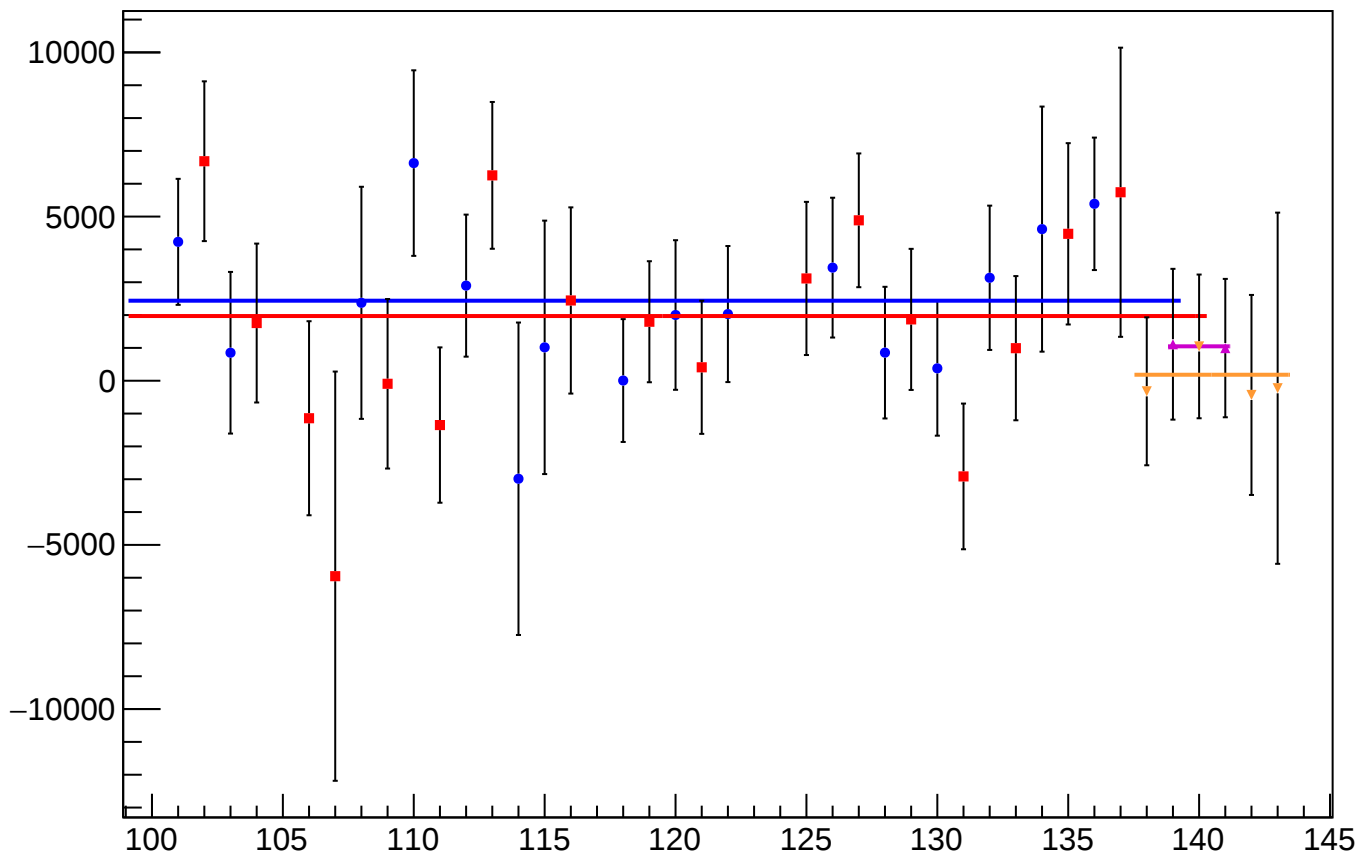
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

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

Out: 991.487+/-0.241 χ^2/NDF :2310785.4/20

All: 975.558+/-0.173 χ^2/NDF : 3915419.2/38

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

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

Left: 555.147+/-1018.838 χ^2/NDF : 0.4/5

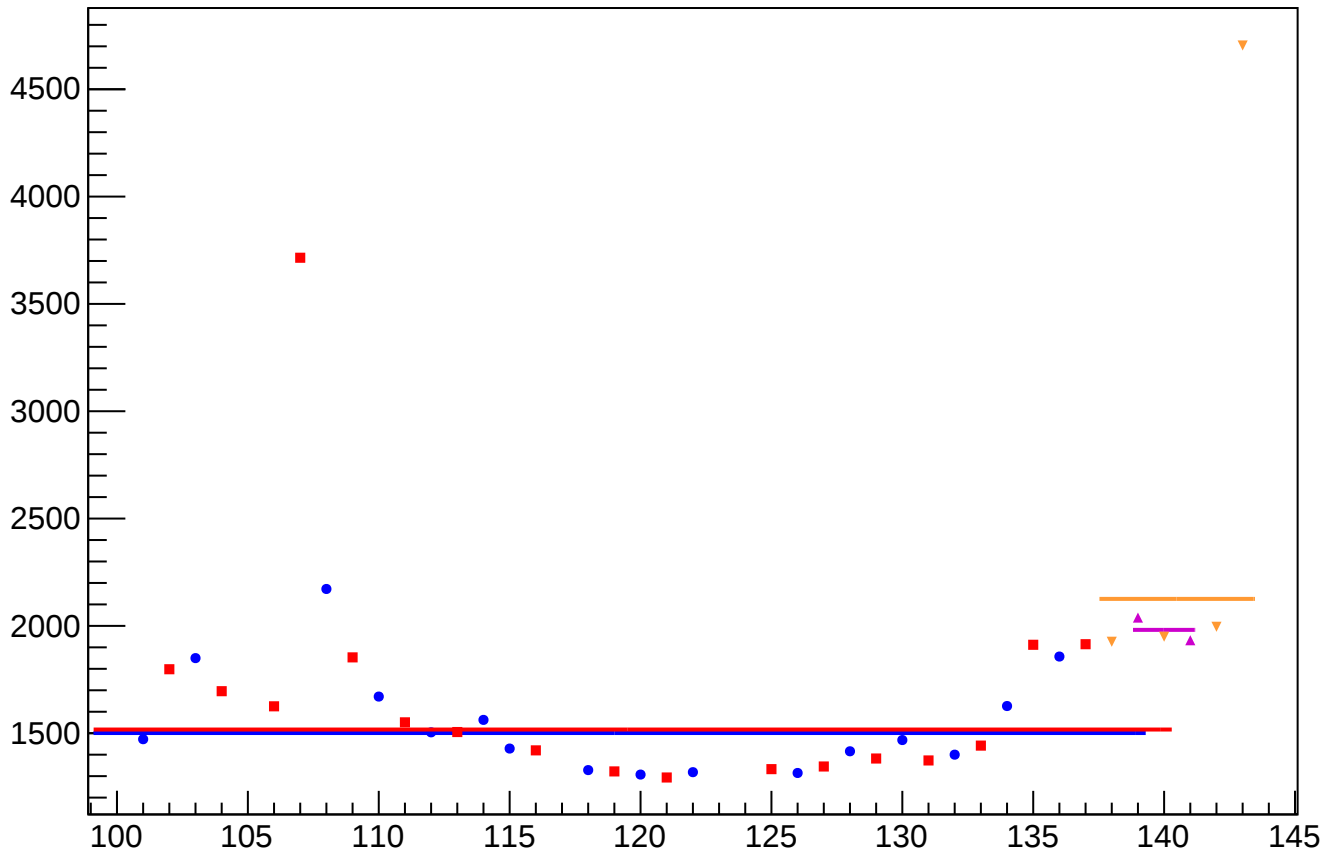
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

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

Out: 1686.496+/-538.065 χ^2/NDF : 24.0/20

All: 1969.798+/-384.085 χ^2/NDF : 36.5/38

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

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

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

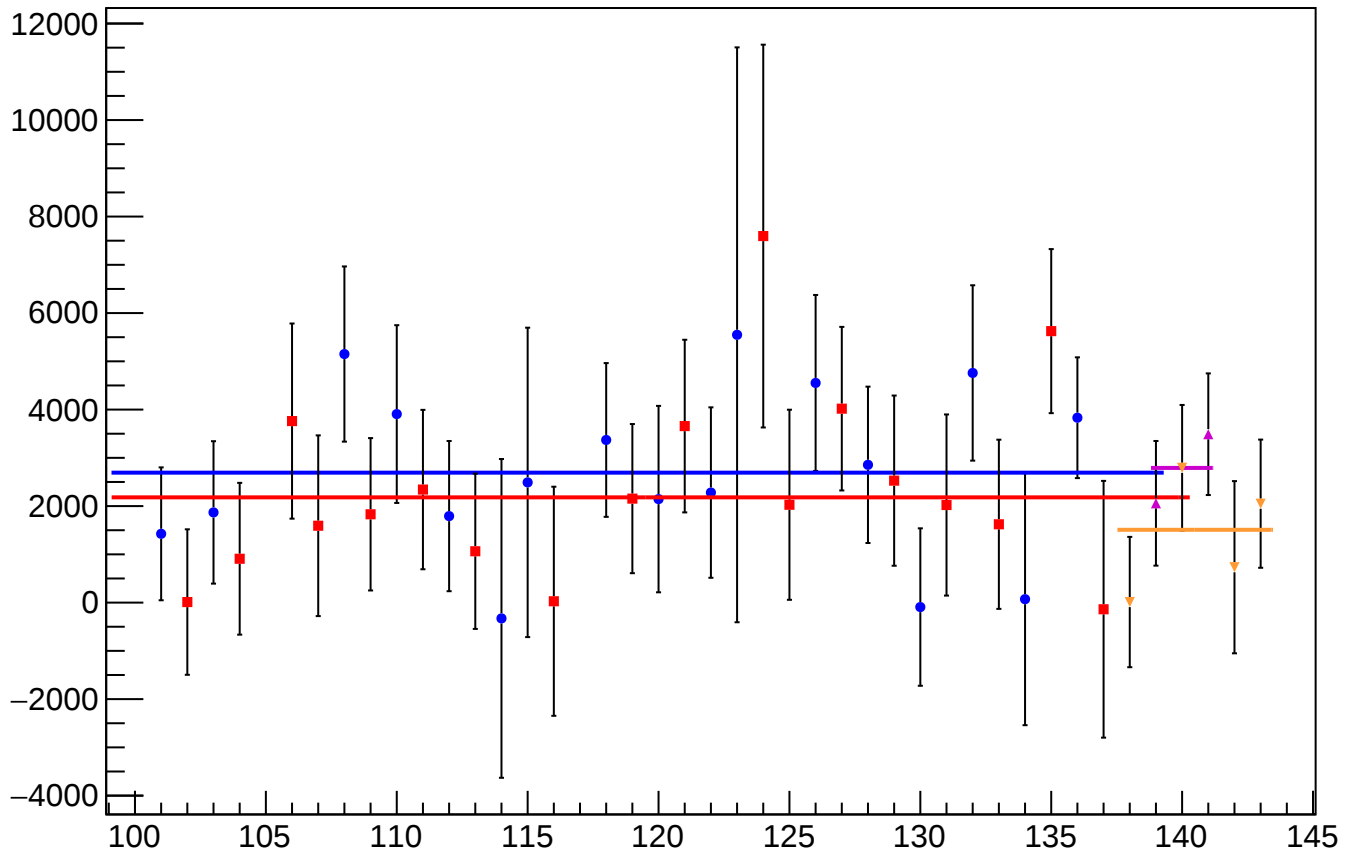
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

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

Out: 1613.783+/-0.380 χ^2/NDF : 1314017.2/20

All: 1587.793+/-0.272 χ^2/NDF : 1749748.7/38

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

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

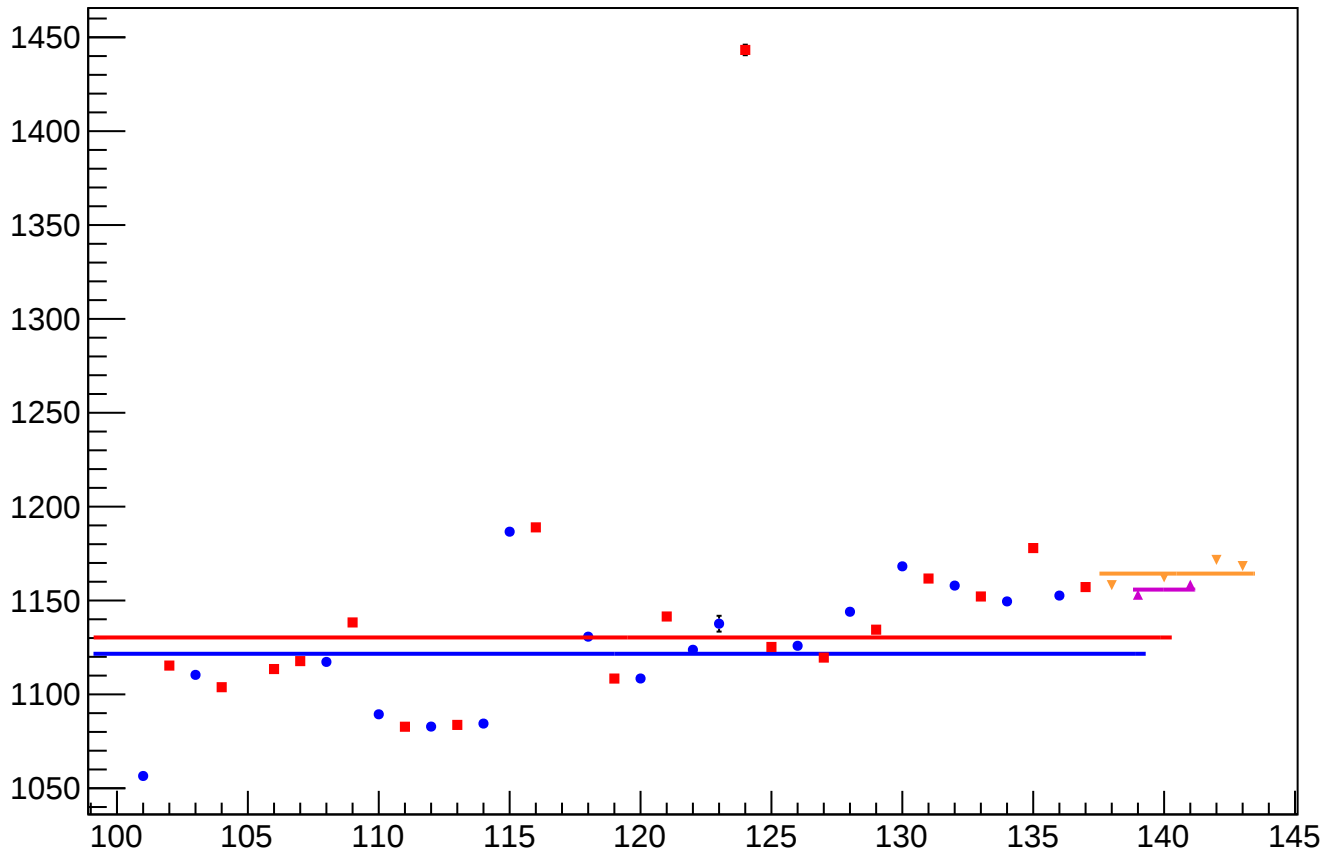
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

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

Out: 2001.084 $\pm$ 364.094 χ^2 /NDF: 16.8/21

All: 2331.775 $\pm$ 266.165 χ^2 /NDF: 31.4/40

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 +/- 0.306 χ^2/NDF : 11980.2/16

Left Out: 1164.333 +/- 0.498 χ^2/NDF : 98.0/3

Right Out: 1130.316 +/- 0.301 χ^2/NDF : 21276.1/17

Left In: 1155.811 +/- 0.638 χ^2/NDF : 17.4/1

Left: 1161.108 +/- 0.392 χ^2/NDF : 226.4/5

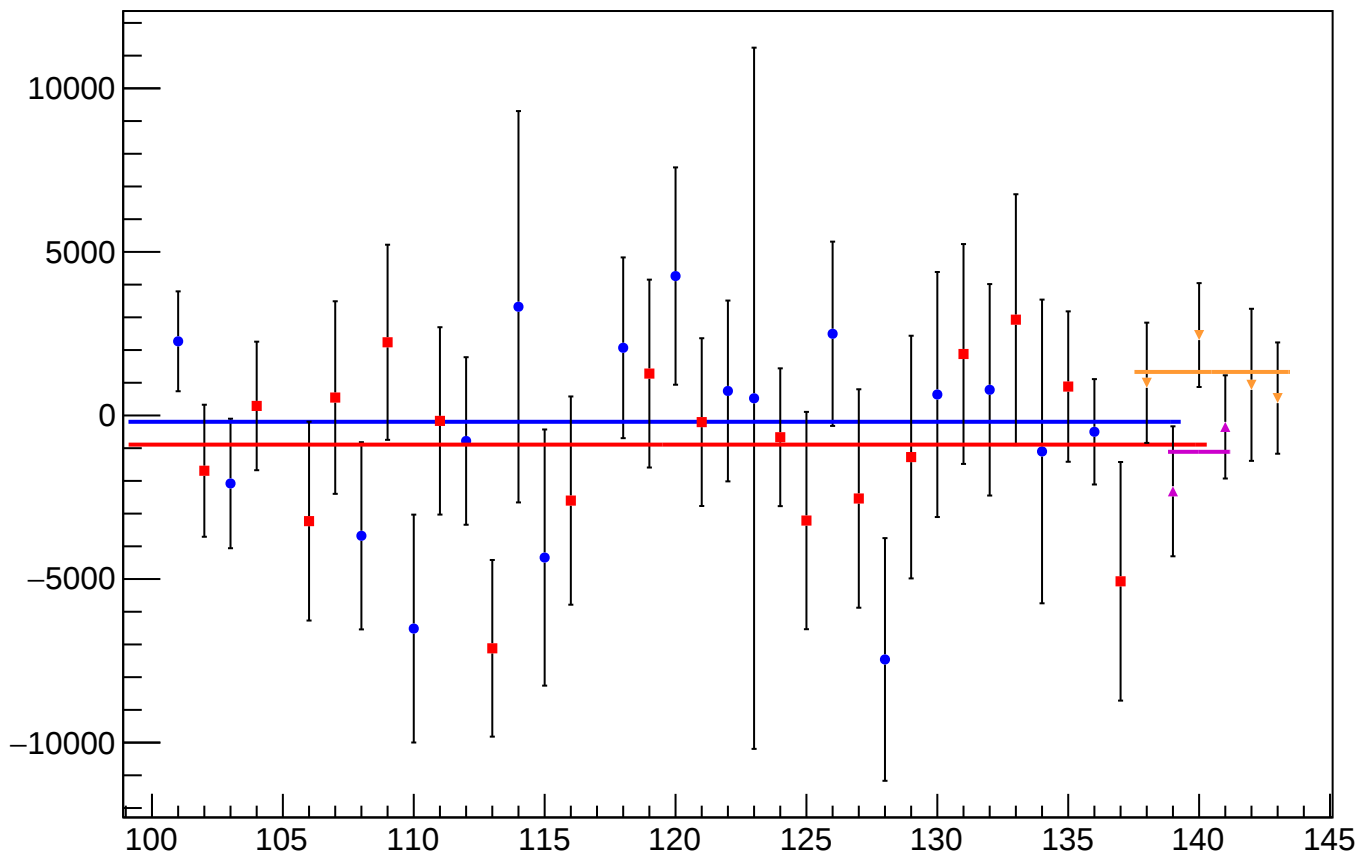
Right: 1126.044 +/- 0.214 χ^2/NDF : 33666.6/34

In: 1128.019 +/- 0.276 χ^2/NDF : 14332.8/18

Out: 1139.420 +/- 0.257 χ^2/NDF : 24796.0/21

All: 1134.112 +/- 0.188 χ^2/NDF : 40041.9/40

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

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

Left: 478.999+/-729.601 χ^2/NDF : 3.9/5

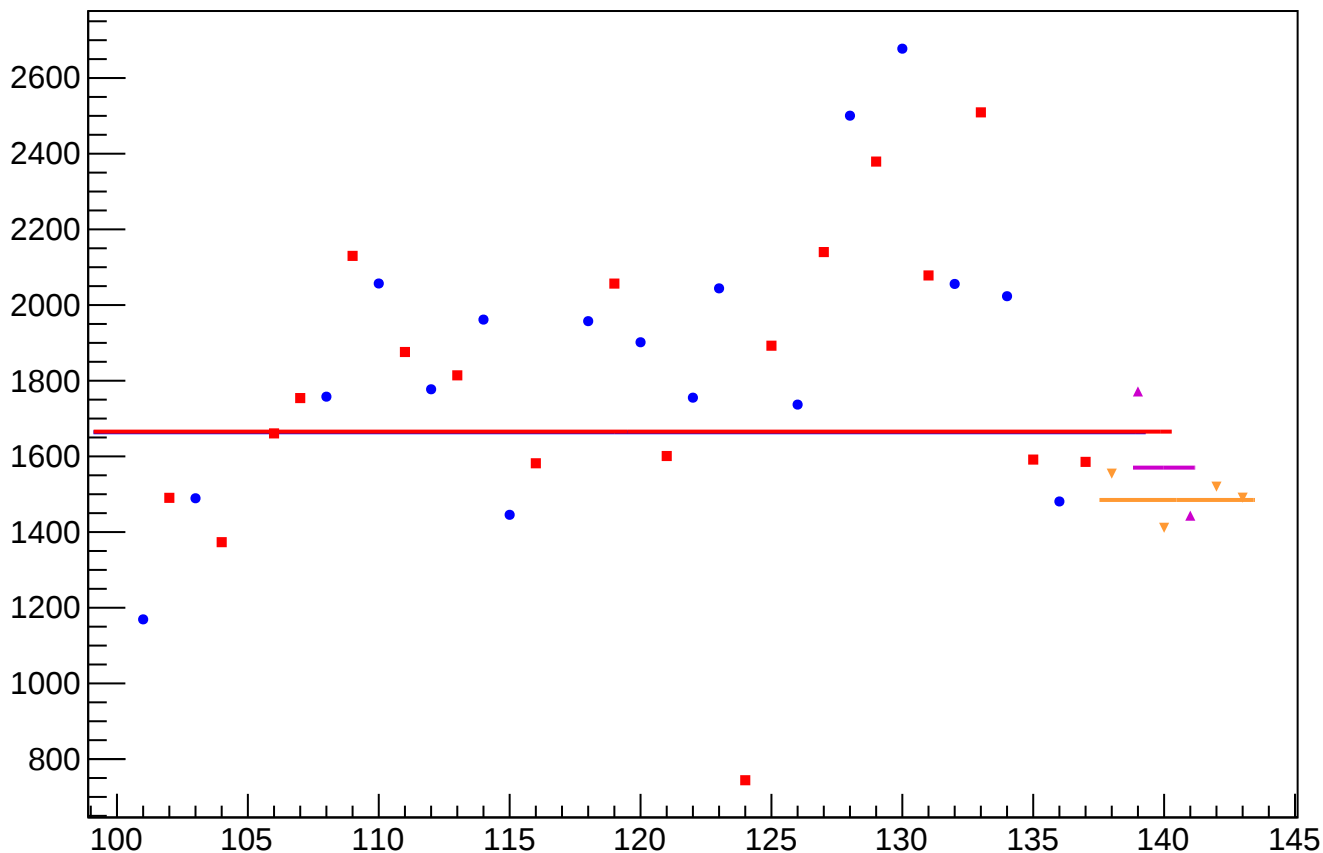
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

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

Out: -134.935+/-527.449 χ^2/NDF : 17.9/21

All: -253.155+/-390.942 χ^2/NDF : 36.4/40

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: 1665.466+/-0.459 χ^2/NDF : 802791.6/17

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

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

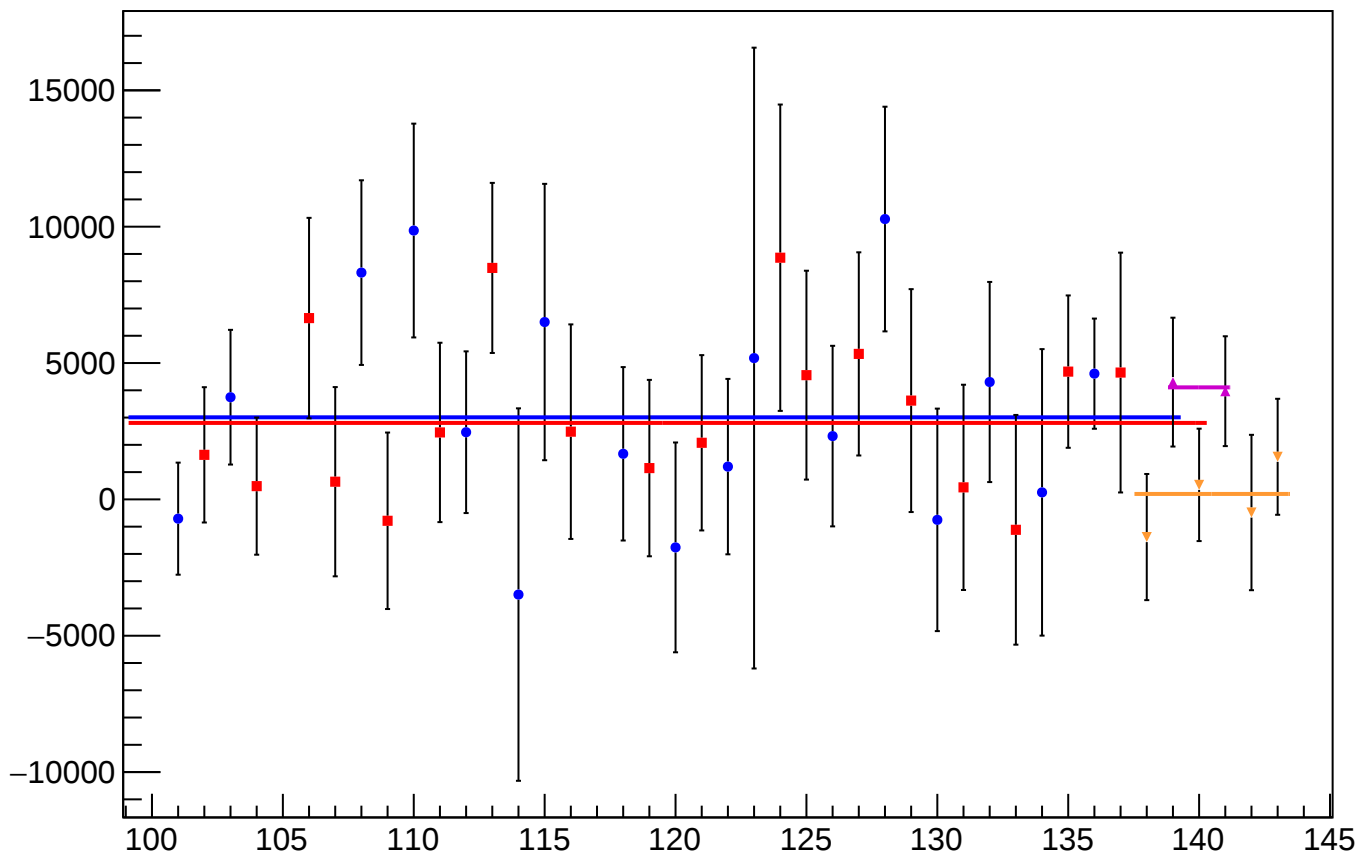
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

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

Out: 1604.006+/-0.373 χ^2/NDF : 863062.7/21

All: 1621.581+/-0.276 χ^2/NDF : 1532882.2/40

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

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

Left: 1594.804+/-915.765 χ^2/NDF : 5.2/5

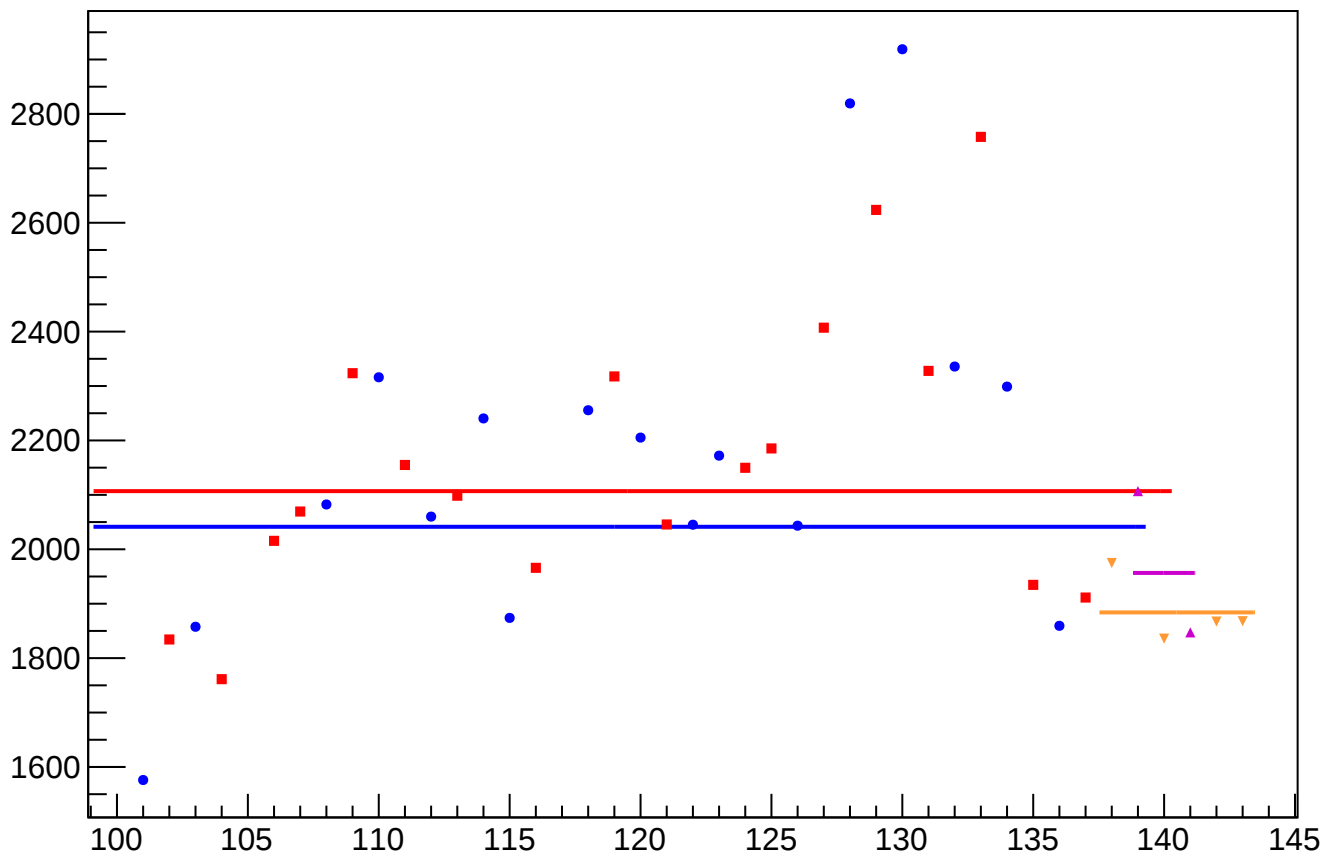
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

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

Out: 1947.231+/-655.012 χ^2/NDF : 15.7/21

All: 2544.527+/-481.102 χ^2/NDF : 35.3/40

asym_usr_rms vs Slug, Sign Corrected



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

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

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

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

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

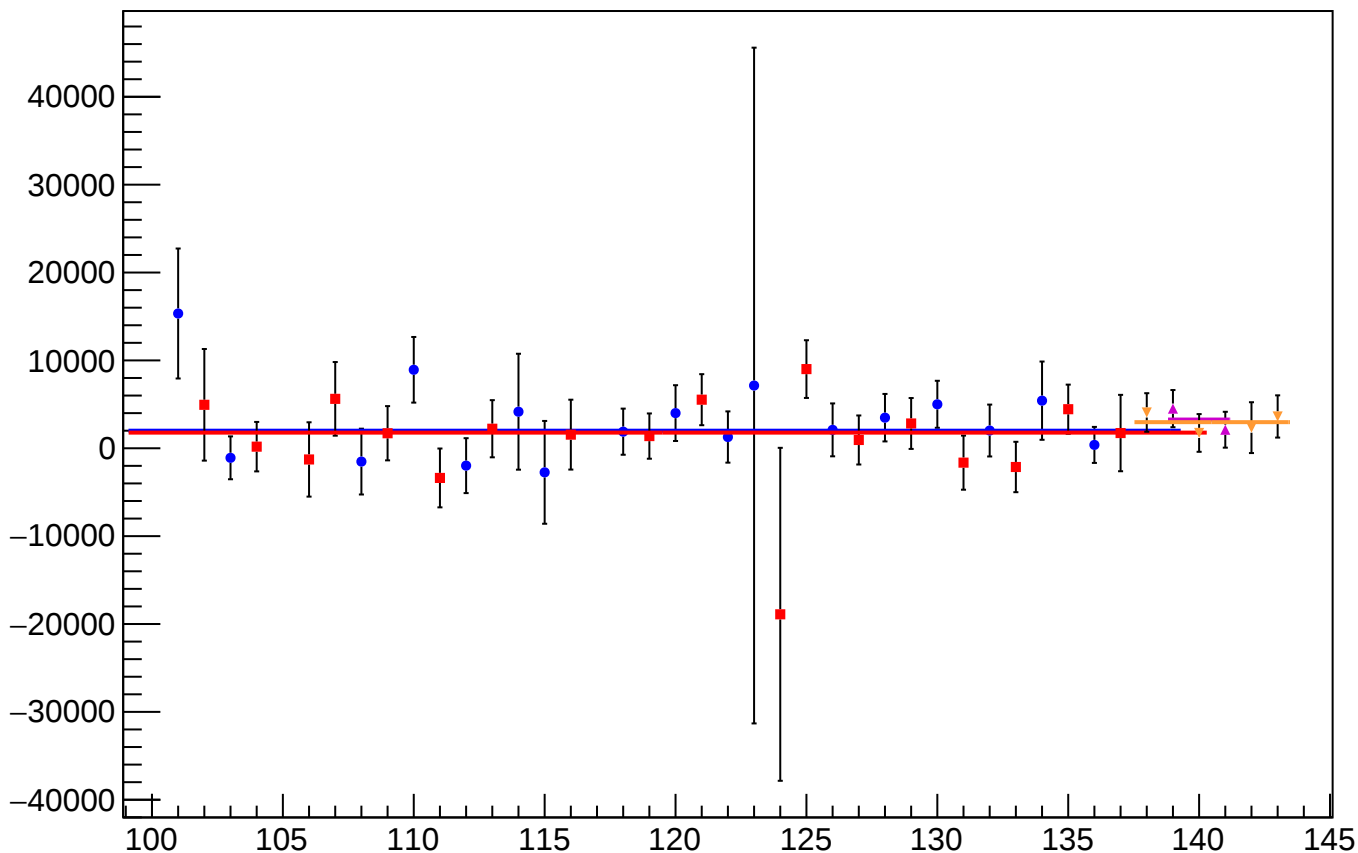
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

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

Out: 2033.540+/-0.463 χ^2/NDF : 252184.1/21

All: 2028.780+/-0.340 χ^2/NDF : 609640.0/40

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: 1781.823+/-781.836 χ^2/NDF : 16.3/17

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

Left: 3089.038+/-920.188 χ^2/NDF : 1.4/5

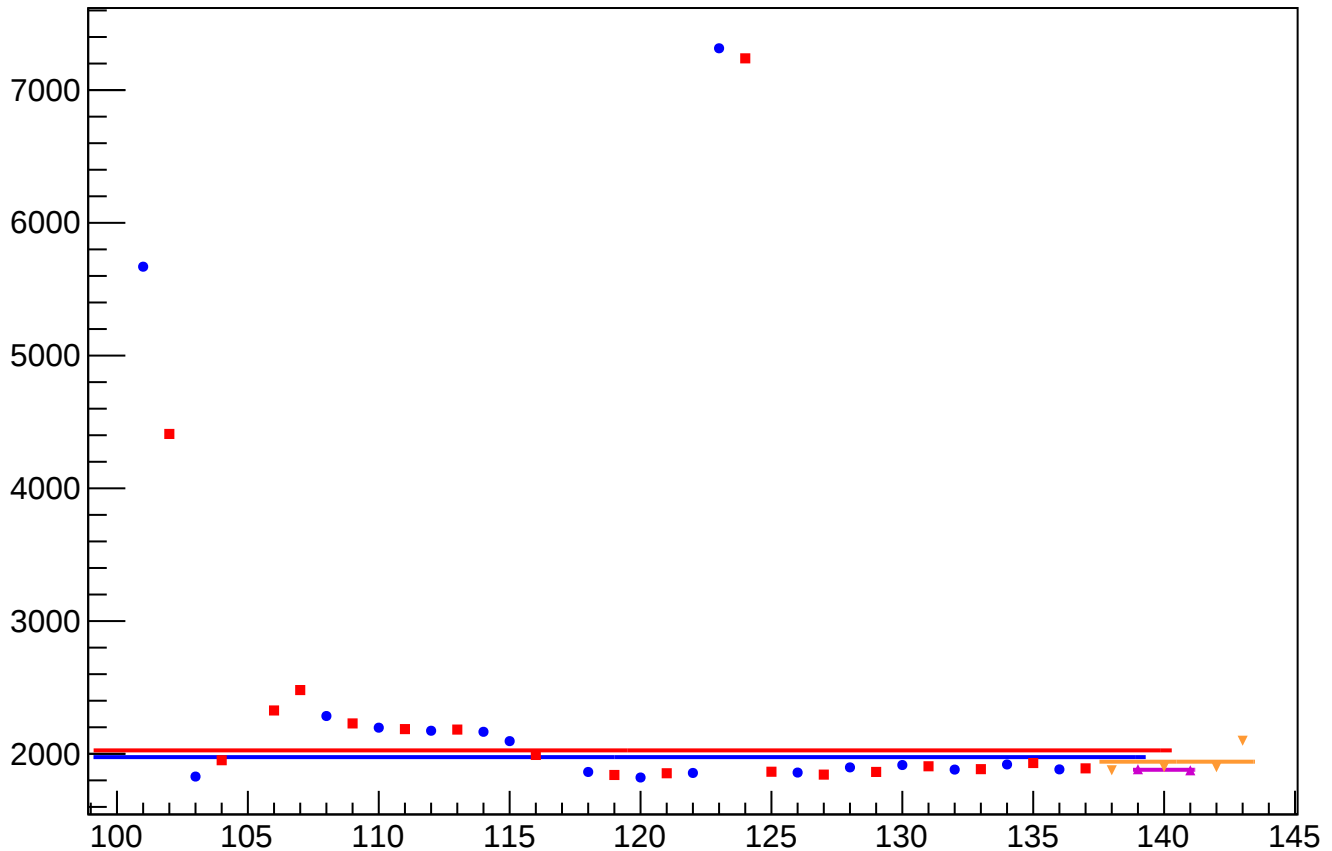
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

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

Out: 2145.011+/-651.842 χ^2/NDF : 17.7/21

All: 2208.597+/-473.842 χ^2/NDF : 33.8/40

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

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

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

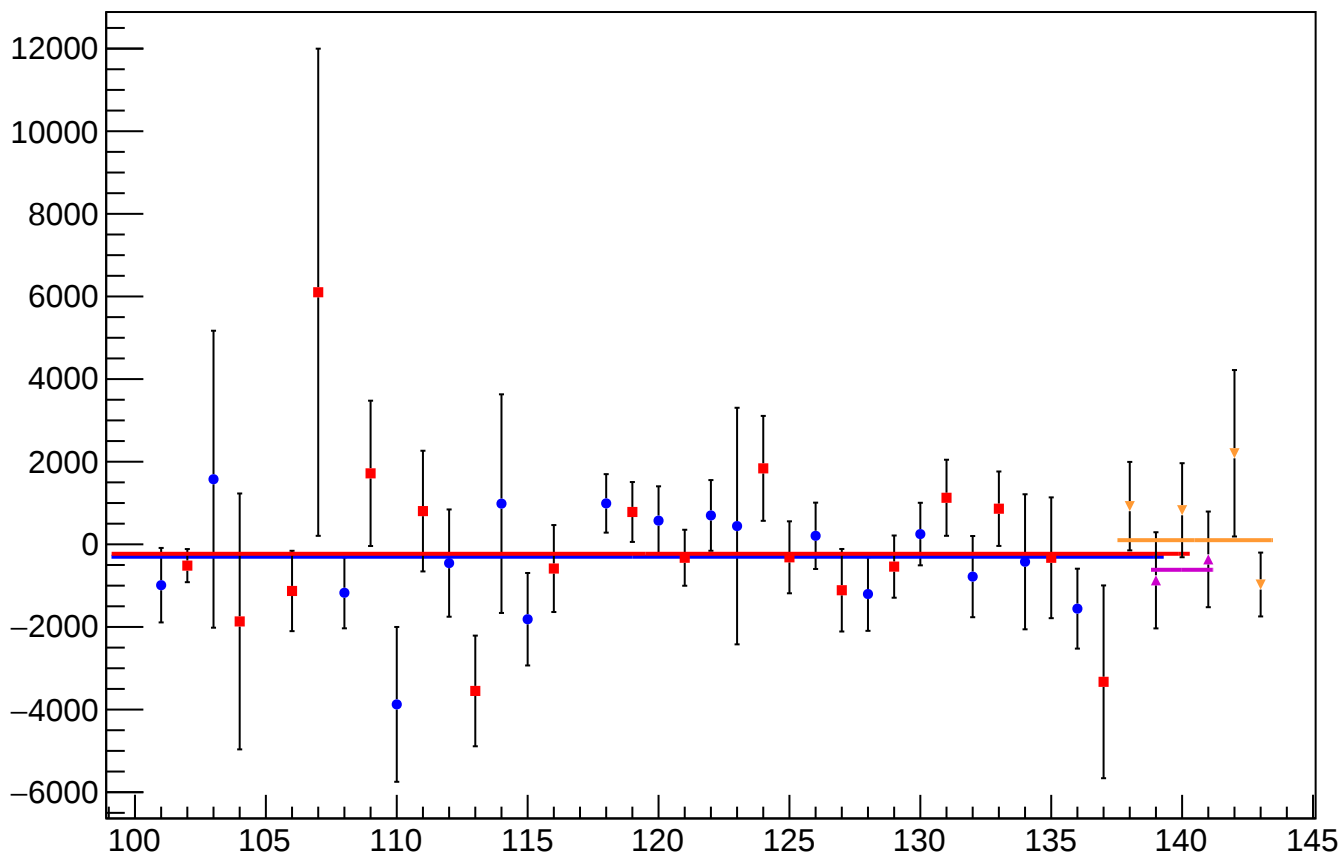
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

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

Out: 1999.913+/-0.461 χ^2/NDF :554112.1/21

All: 1978.296+/-0.335 χ^2/NDF : 1165189.7/40

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 100.666 $\pm$ 529.659 χ^2/NDF : 4.0/3

Right Out: -228.794 $\pm$ 215.624 χ^2/NDF : 21.8/17

Left In: -616.348 $\pm$ 820.870 χ^2/NDF : 0.1/1

Left: -110.103 $\pm$ 445.055 χ^2/NDF : 4.7/5

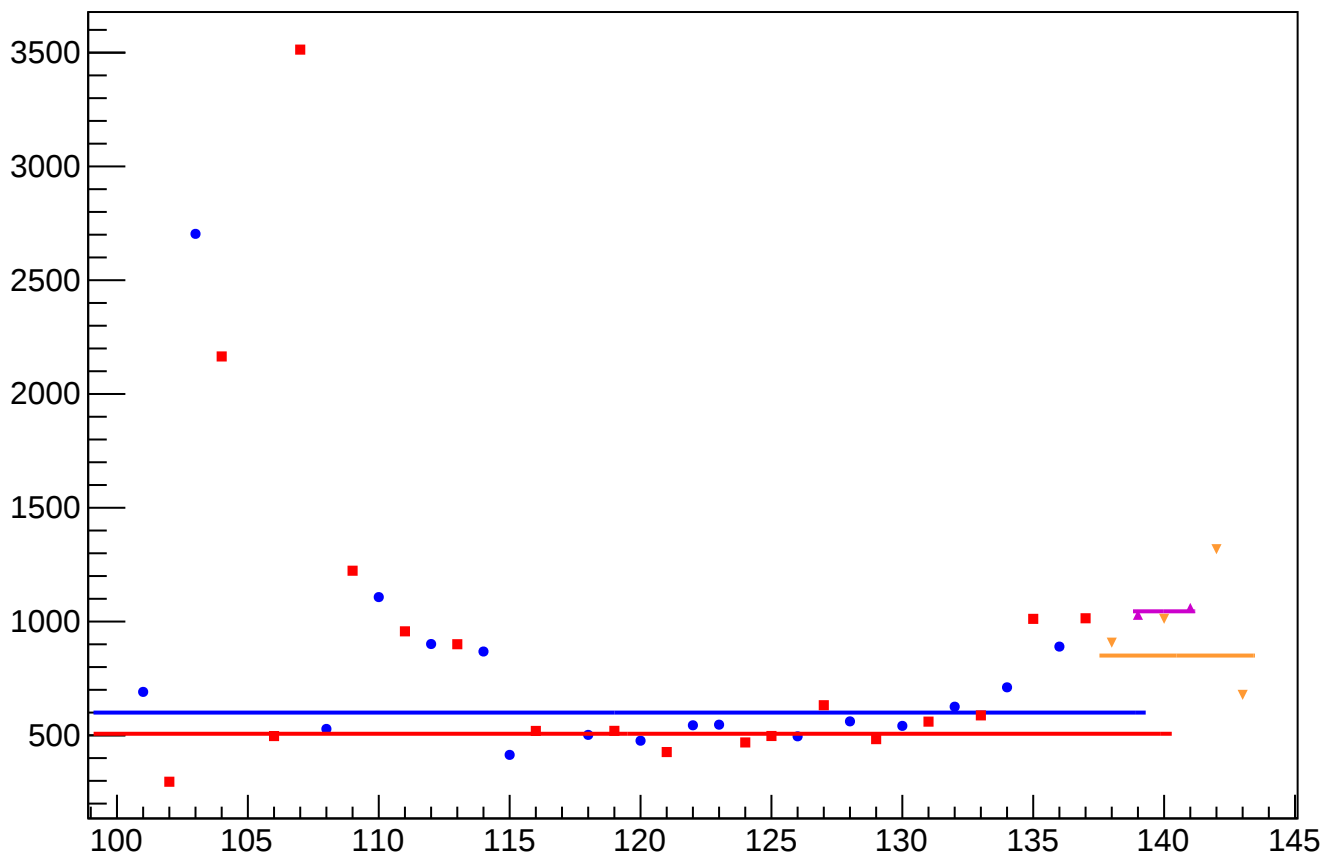
Right: -259.640 $\pm$ 162.327 χ^2/NDF : 39.2/34

In: -326.180 $\pm$ 236.186 χ^2/NDF : 17.6/18

Out: -181.955 $\pm$ 199.709 χ^2/NDF : 26.1/21

All: -242.082 $\pm$ 152.500 χ^2/NDF : 43.9/40

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

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

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

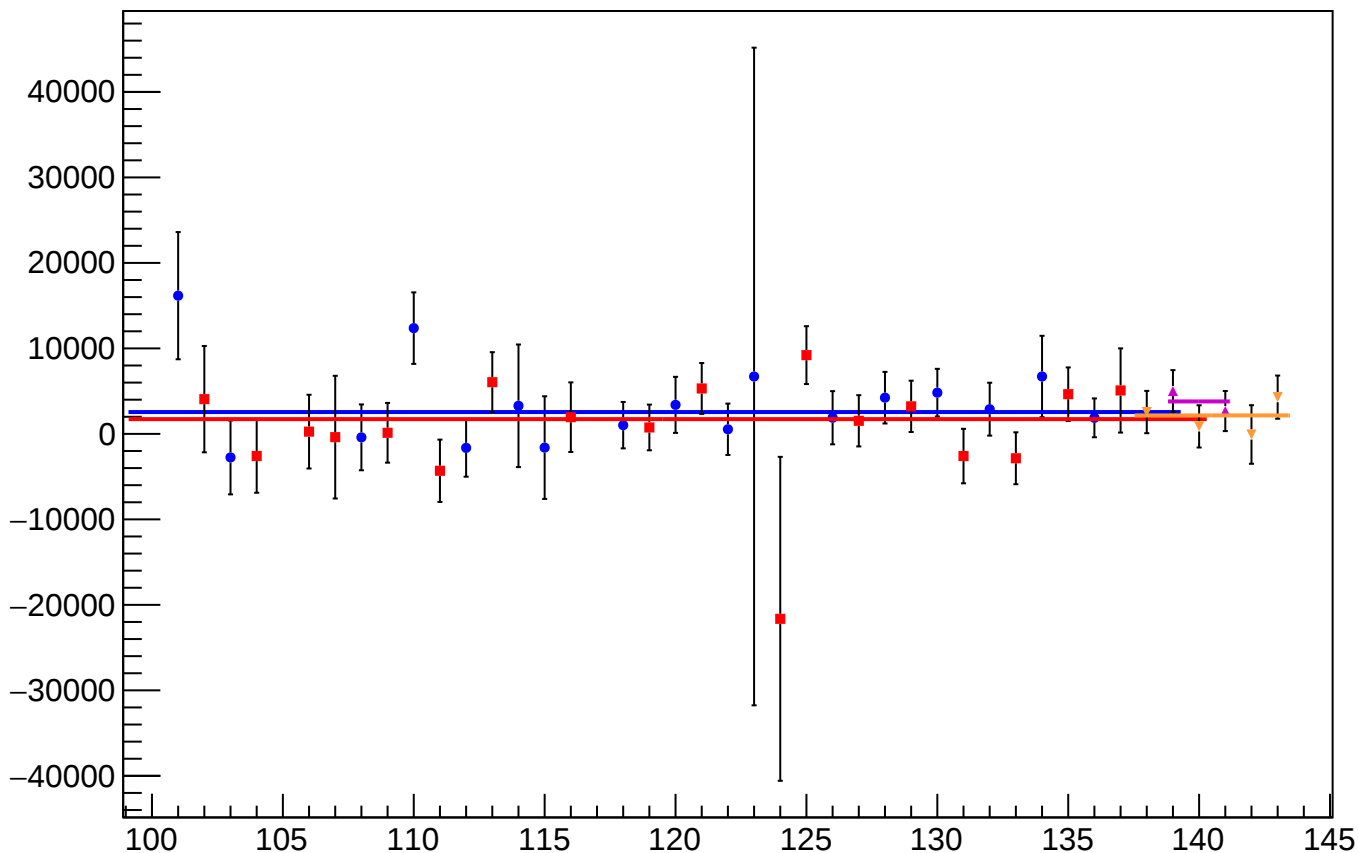
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

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

Out: 555.737+/-0.141 χ^2/NDF : 3736617.5/21

All: 589.529+/-0.108 χ^2/NDF : 5794794.7/40

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

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

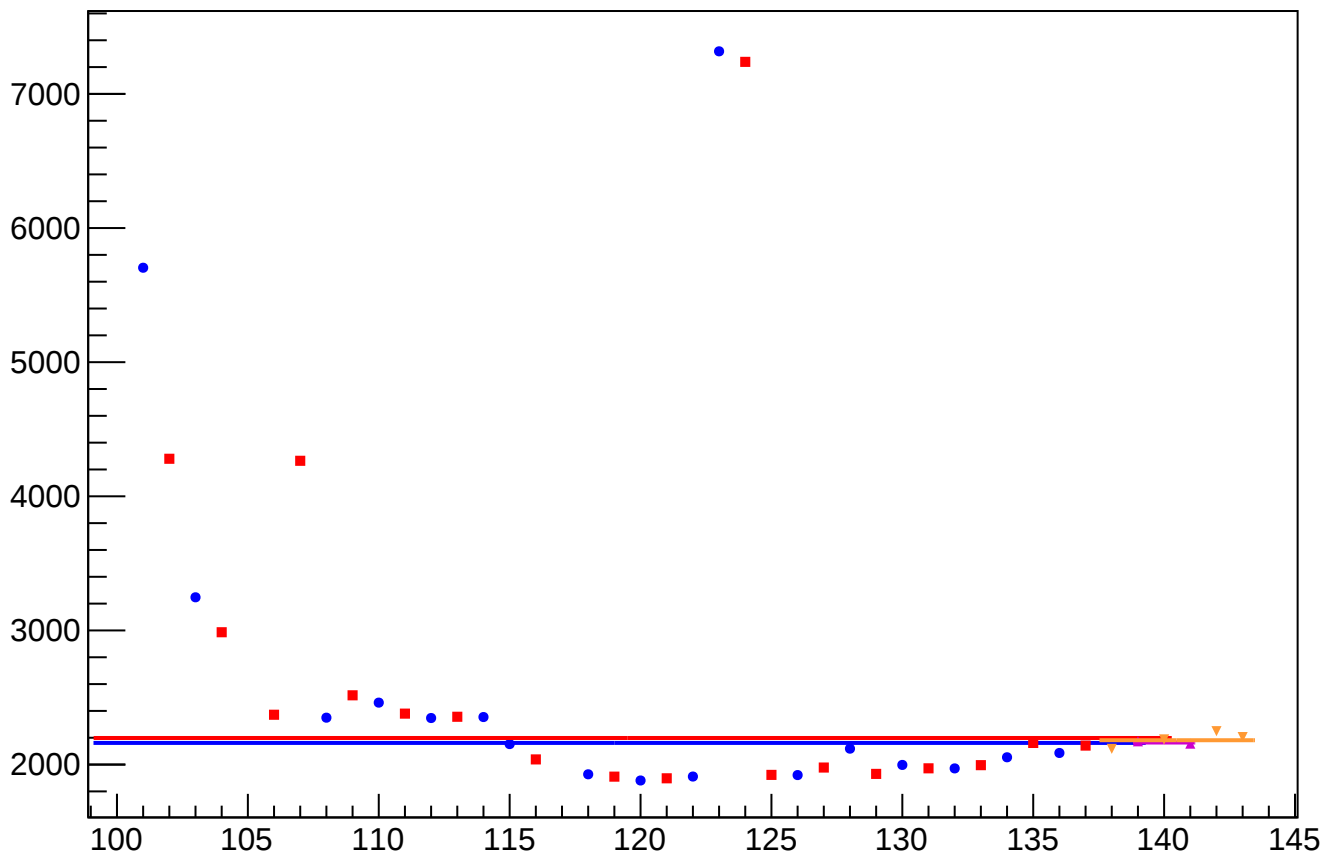
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

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

Out: 1854.225 $\pm$ 718.604 χ^2 /NDF:21.0/21

All: 2300.669 $\pm$ 524.075 χ^2 /NDF: 38.5/40

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

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

Left: 2174.976+/-0.738 χ^2/NDF : 2479.4/5

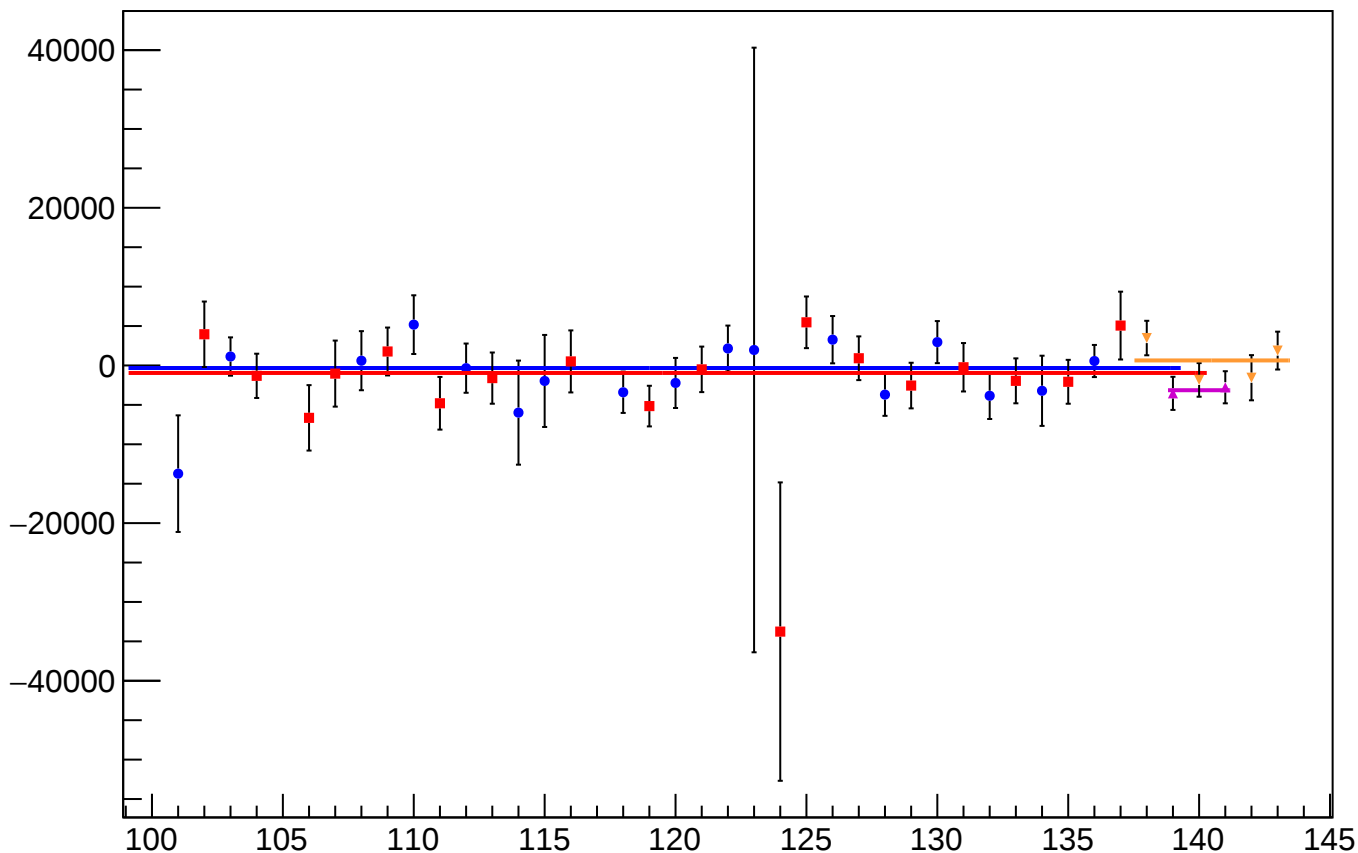
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

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

Out: 2193.267+/-0.508 χ^2/NDF :736400.2/21

All: 2178.646+/-0.371 χ^2/NDF : 1449479.9/40

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: -951.303+/-770.284 χ^2/NDF : 18.2/17

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

Left: -845.218+/-916.172 χ^2/NDF : 8.0/5

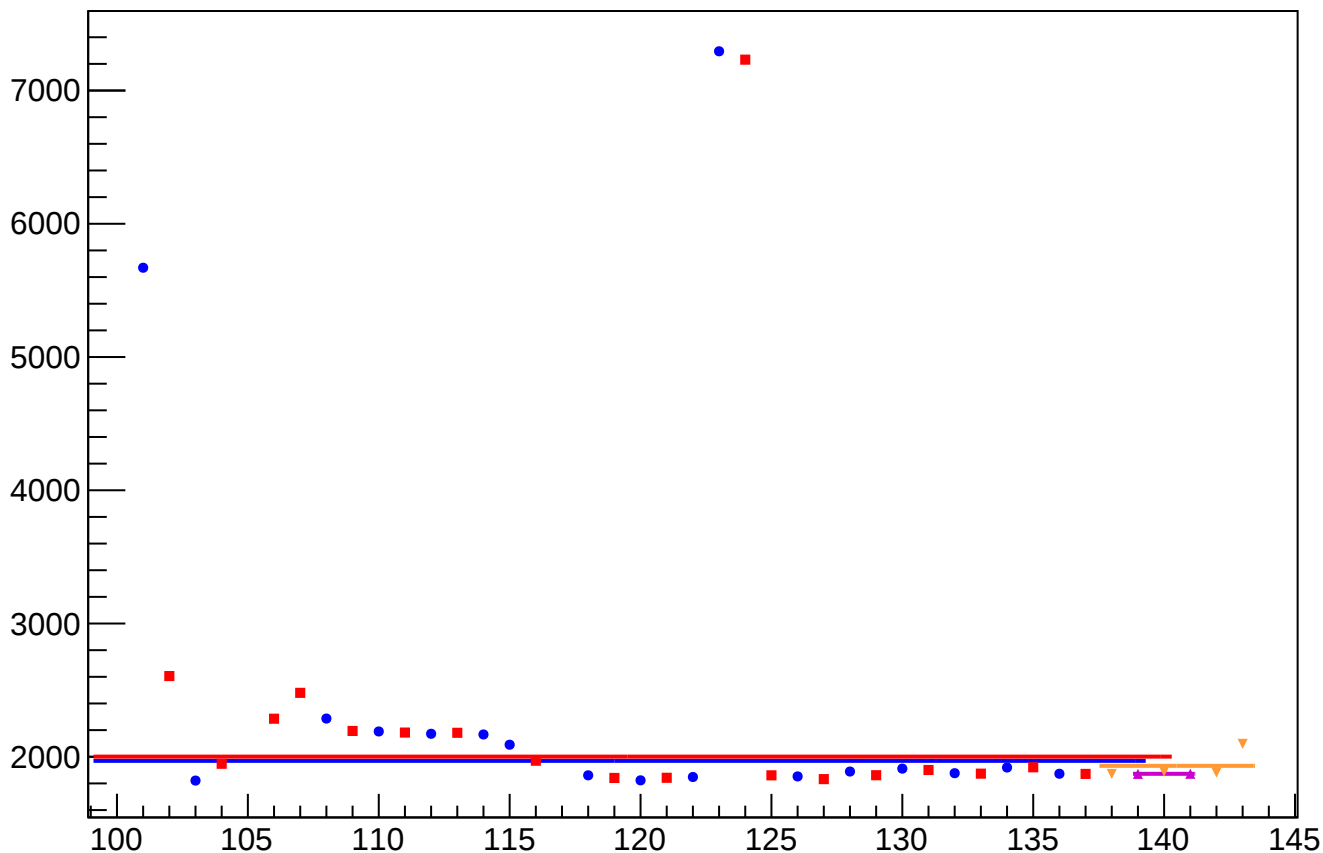
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

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

Out: -474.084+/-644.244 χ^2/NDF : 23.4/21

All: -694.986+/-470.232 χ^2/NDF : 42.3/40

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

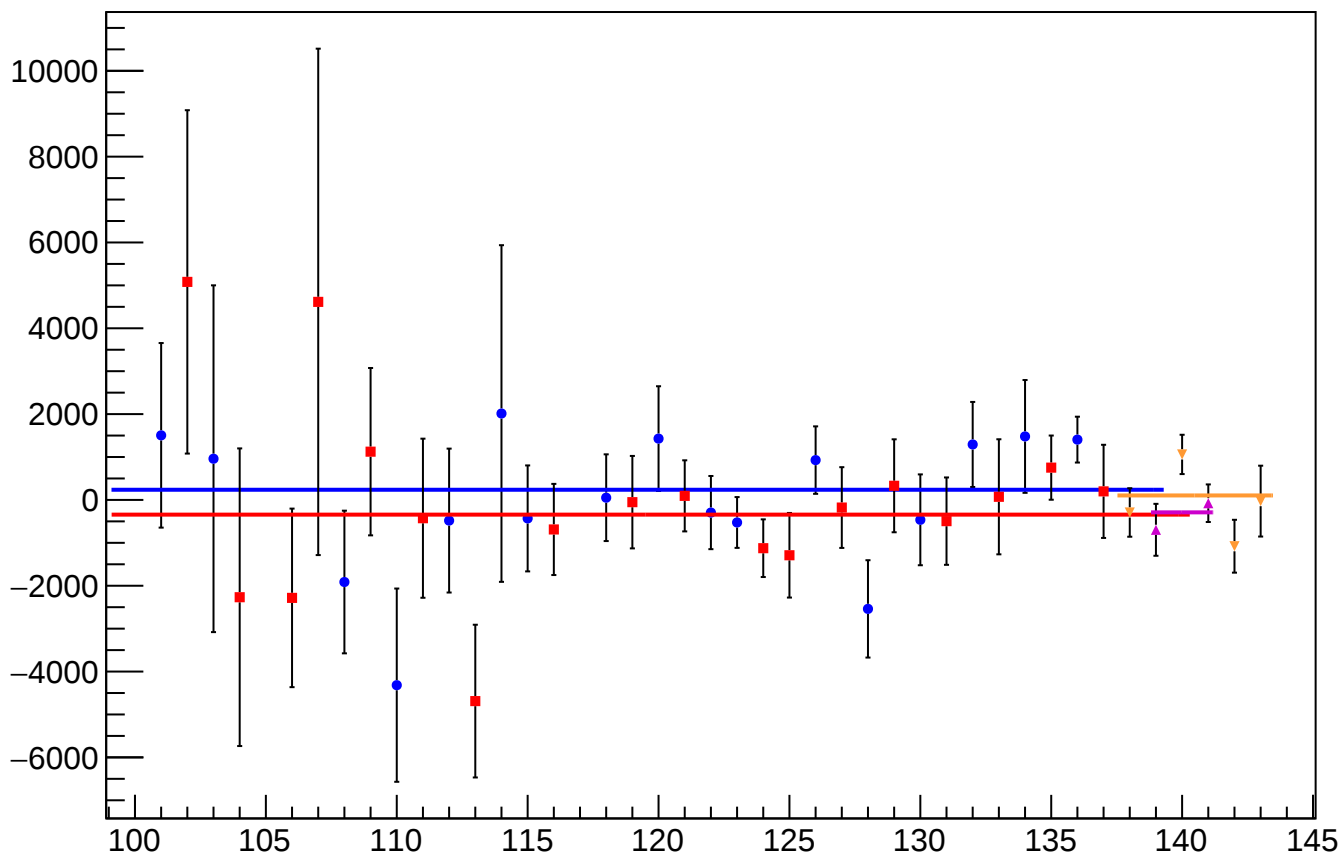
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

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

Out: 1980.376+/-0.456 χ^2/NDF :307924.4/21

All: 1965.220+/-0.333 χ^2/NDF : 920017.8/40

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

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

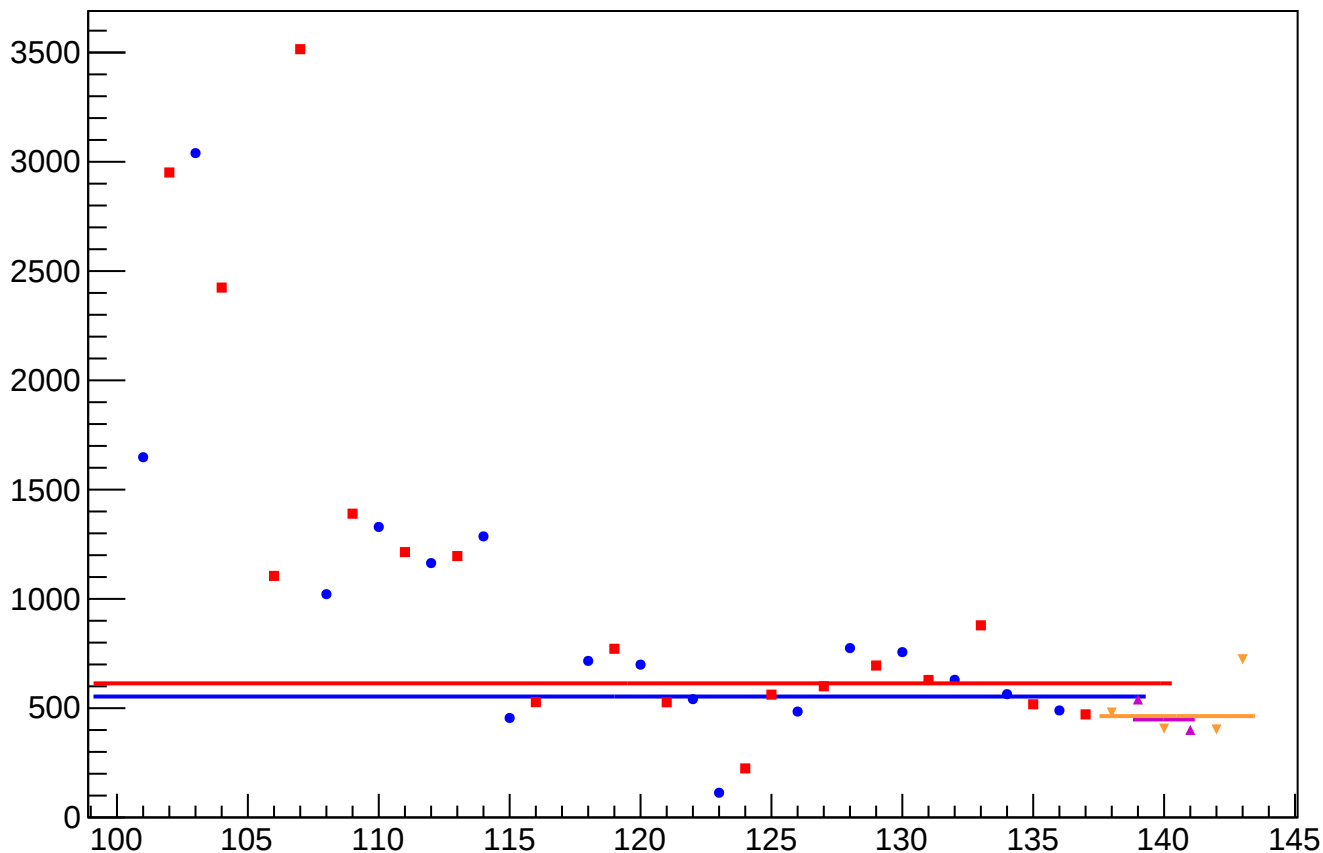
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

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

Out: -135.306 $\pm$ 196.628 χ^2 /NDF:25.8/21

All: -39.408 $\pm$ 141.438 χ^2 /NDF: 52.3/40

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: 613.577+/-0.190 χ^2/NDF : 3476374.3/17

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

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

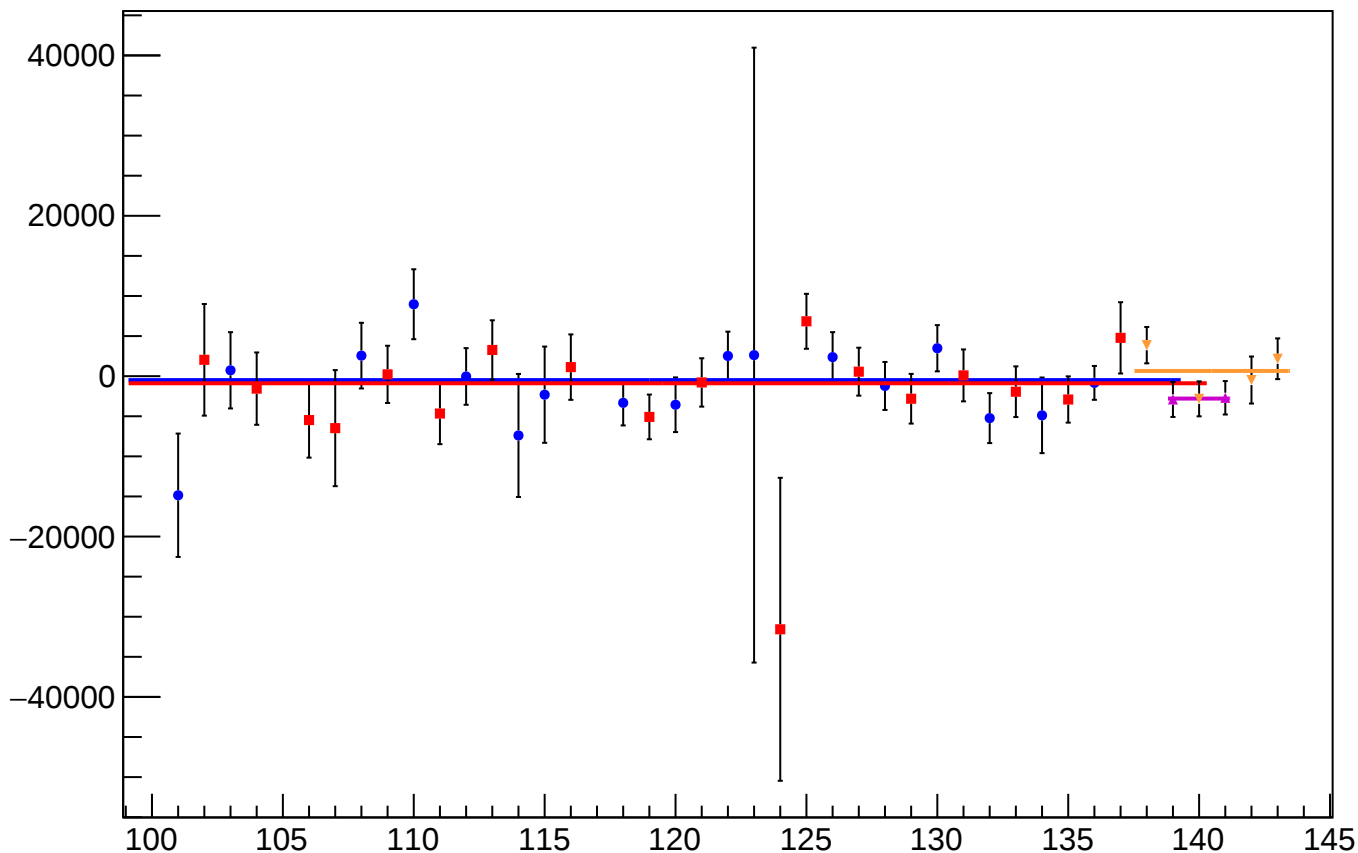
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

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

Out: 544.021+/-0.139 χ^2/NDF : 4016518.8/21

All: 531.840+/-0.100 χ^2/NDF : 7631645.0/40

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

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

Left: -705.354+/-946.564 χ^2/NDF : 8.2/5

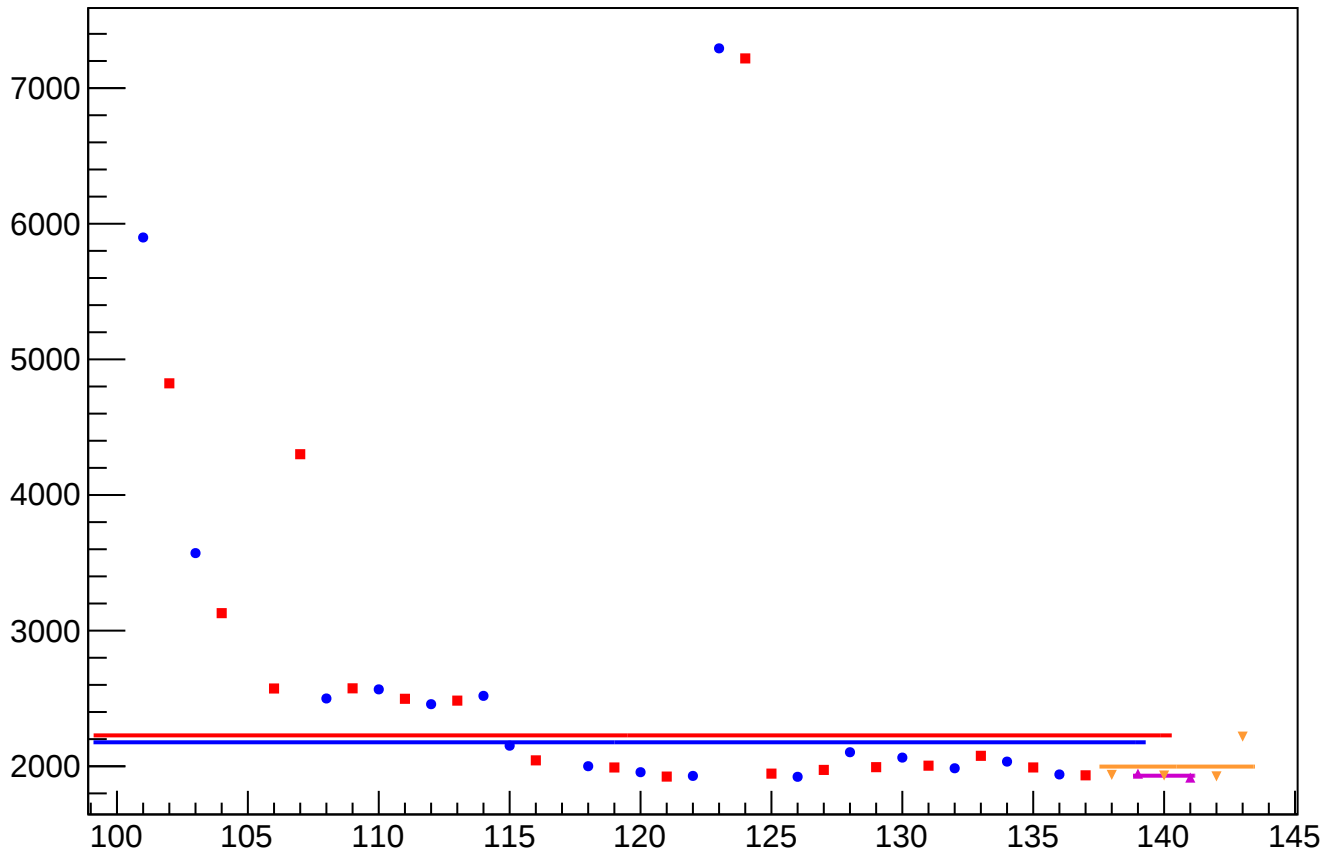
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

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

Out: -364.960+/-707.054 χ^2/NDF : 23.4/21

All: -693.167+/-515.218 χ^2/NDF : 44.2/40

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1997.629+/-0.860 χ^2/NDF : 19634.6/3

Right Out: 2227.688+/-0.615 χ^2/NDF : 825665.5/17

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

Left: 1971.147+/-0.669 χ^2/NDF : 22231.6/5

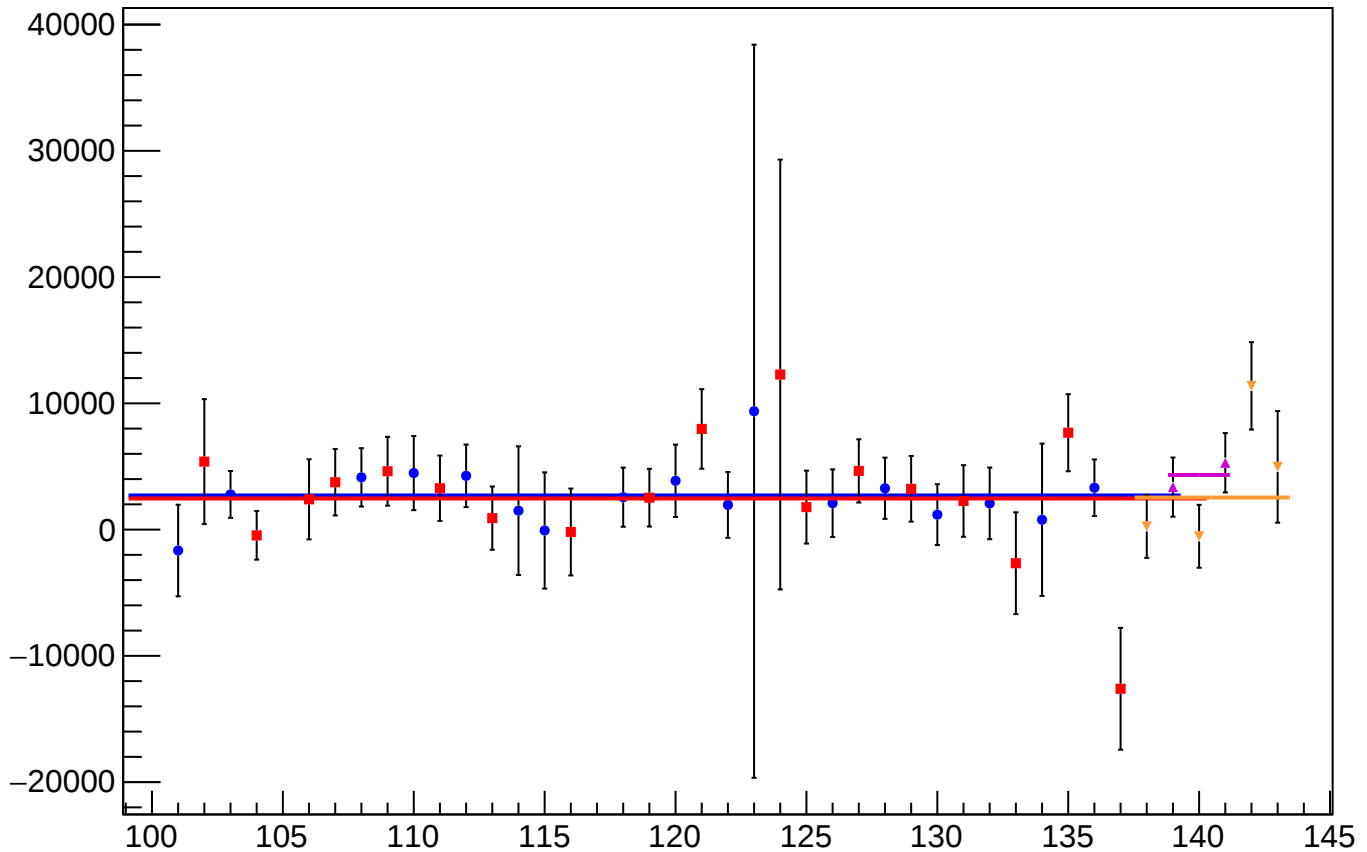
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

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

Out: 2149.882+/-0.500 χ^2/NDF : 892692.3/21

All: 2133.735+/-0.364 χ^2/NDF : 1737864.0/40

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 2464.583 $\pm$ 683.276 χ^2 /NDF: 23.2/17

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

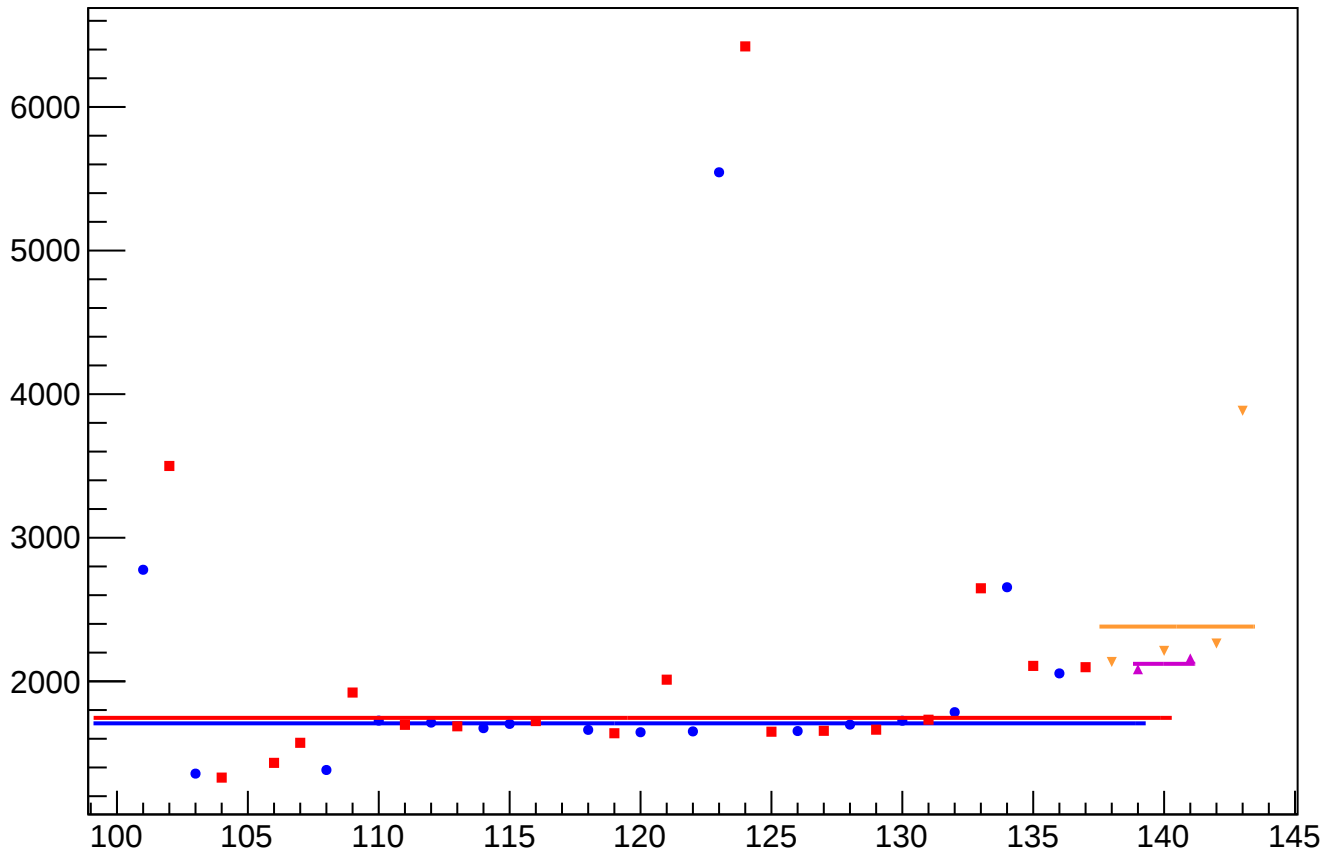
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

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

Out: 2477.304 $\pm$ 620.269 χ^2 /NDF:32.4/21

All: 2703.922 $\pm$ 440.039 χ^2 /NDF: 37.9/40

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: 1745.551+/-0.483 χ^2/NDF : 699240.7/17

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

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

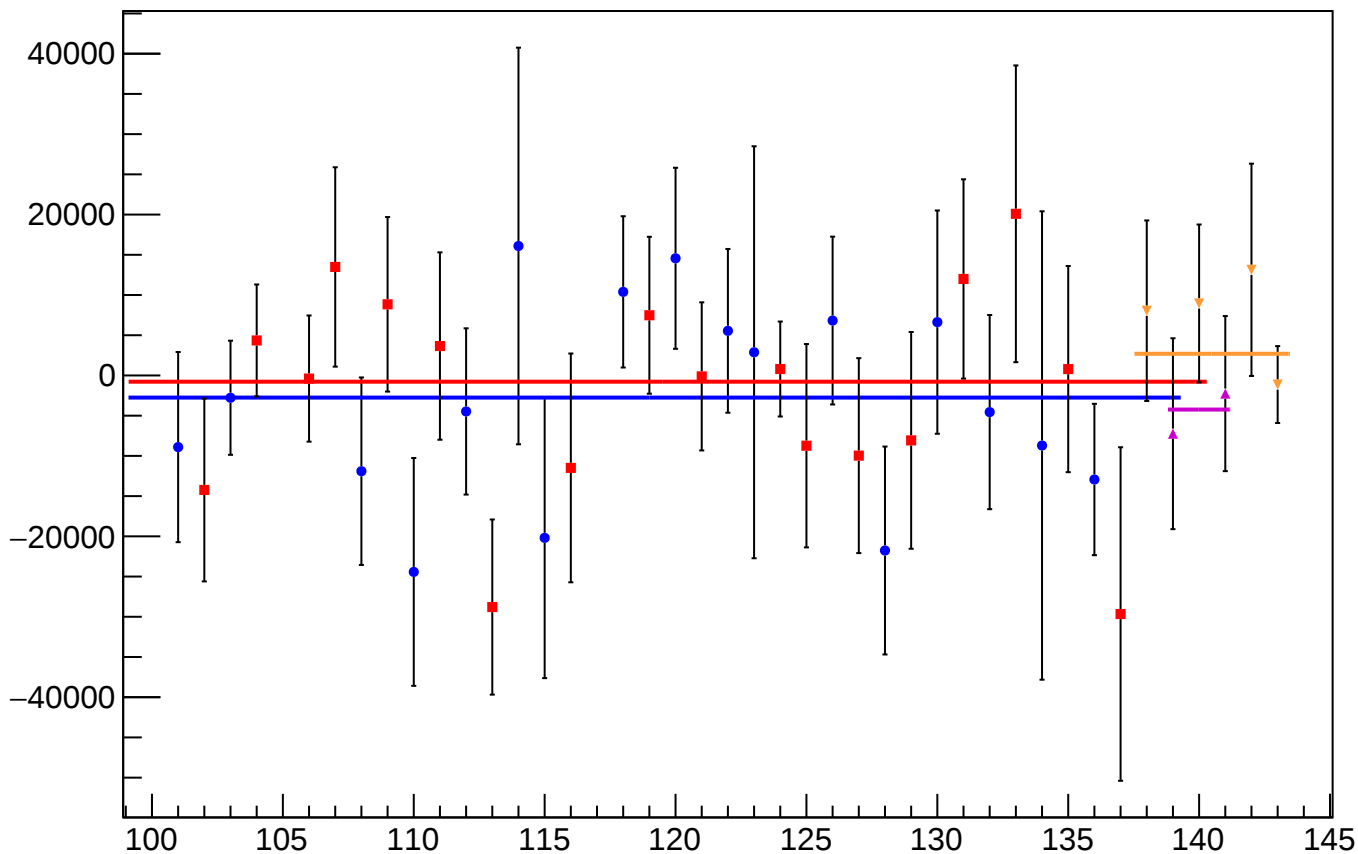
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

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

Out: 1857.341+/-0.438 χ^2/NDF : 1266253.2/21

All: 1812.013+/-0.311 χ^2/NDF : 1818054.3/40

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2693.288+/-3839.510 χ^2/NDF : 1.9/3

Right Out: -774.921+/-2440.788 χ^2/NDF : 17.7/17

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

Left: 1248.501+/-3416.029 χ^2/NDF : 2.7/5

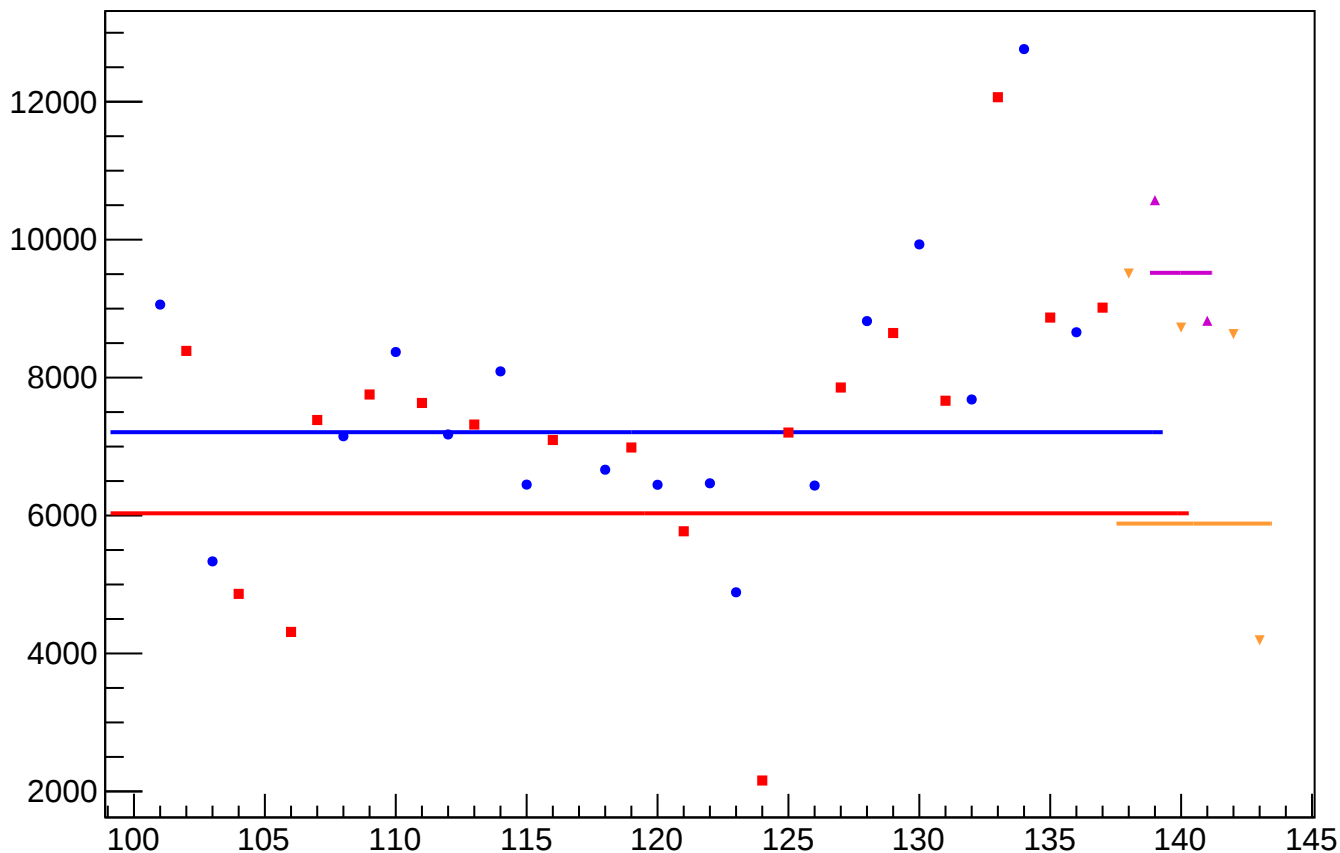
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

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

Out: 223.262+/-2059.815 χ^2/NDF : 20.2/21

All: -963.499+/-1627.951 χ^2/NDF : 35.8/40

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

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

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

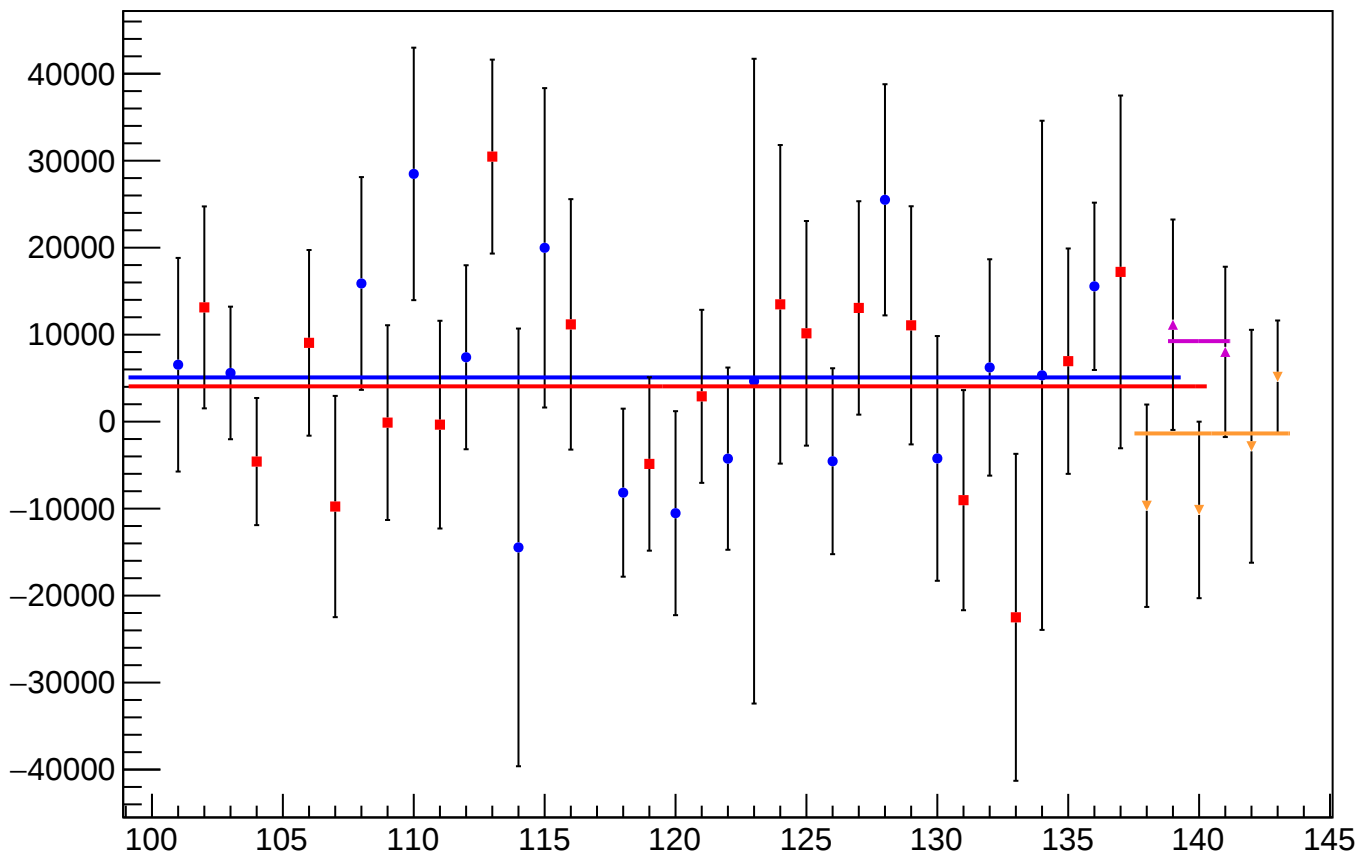
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

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

Out: 5989.347+/-1.457 χ^2/NDF : 2513462.3/21

All: 6556.305+/-1.151 χ^2/NDF : 3603748.8/40

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -1357.788 $\pm$ 4637.371 χ^2 /NDF: 2.3/3

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

Left In: 9255.467 $\pm$ 7609.885 χ^2 /NDF: 0.0/1

Left: 1516.211 $\pm$ 3960.017 χ^2 /NDF: 3.7/5

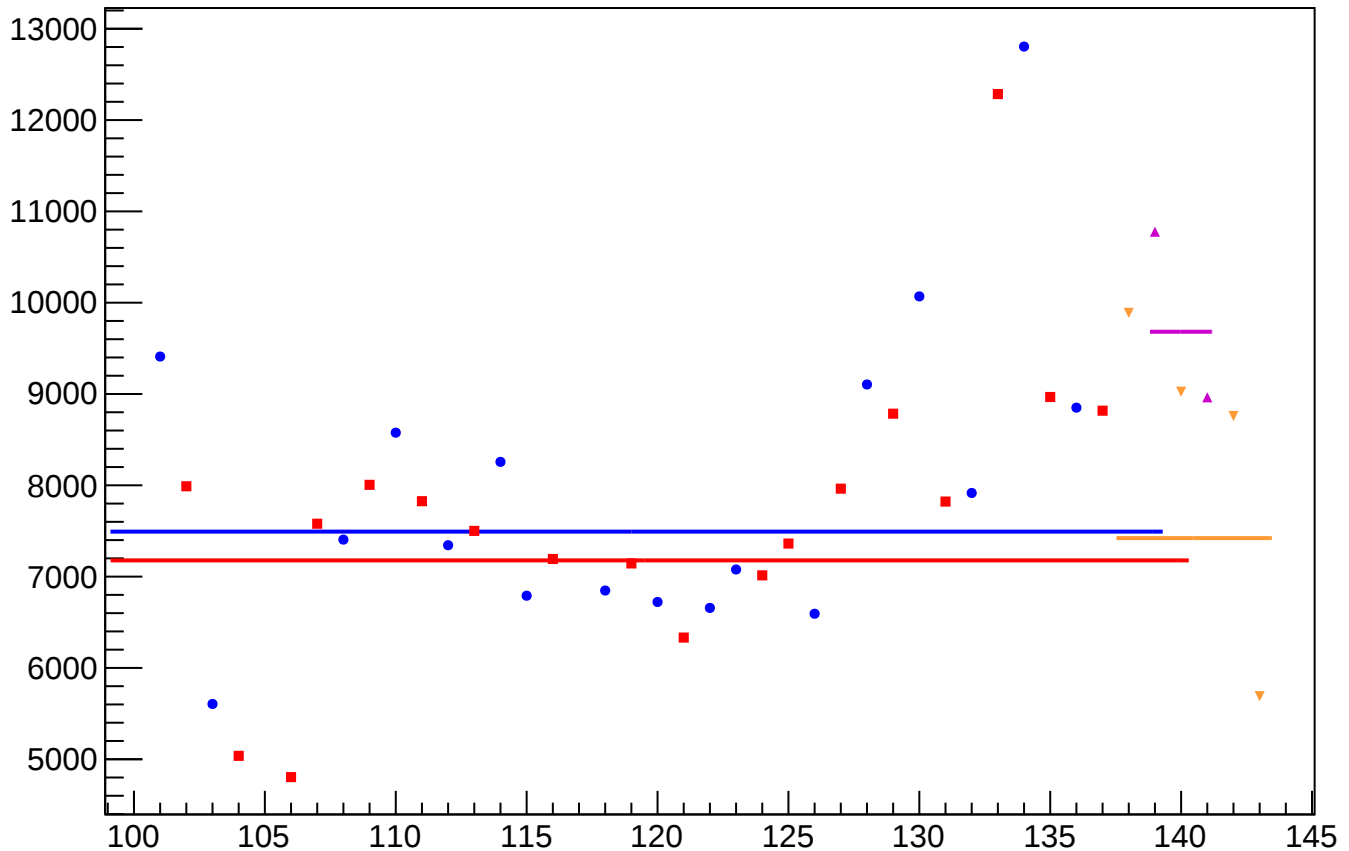
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 5631.204 $\pm$ 2754.810 χ^2 /NDF: 14.3/18

Out: 2609.269 $\pm$ 2397.010 χ^2 /NDF: 18.5/21

All: 3911.367 $\pm$ 1808.302 χ^2 /NDF: 33.4/40

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7421.935 $\pm$ 3.279 χ^2/NDF :302583.9/3

Right Out: 7177.811 $\pm$ 1.980 χ^2/NDF : 555902.2/17

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

Left: 8033.879 $\pm$ 2.800 χ^2/NDF : 458360.0/5

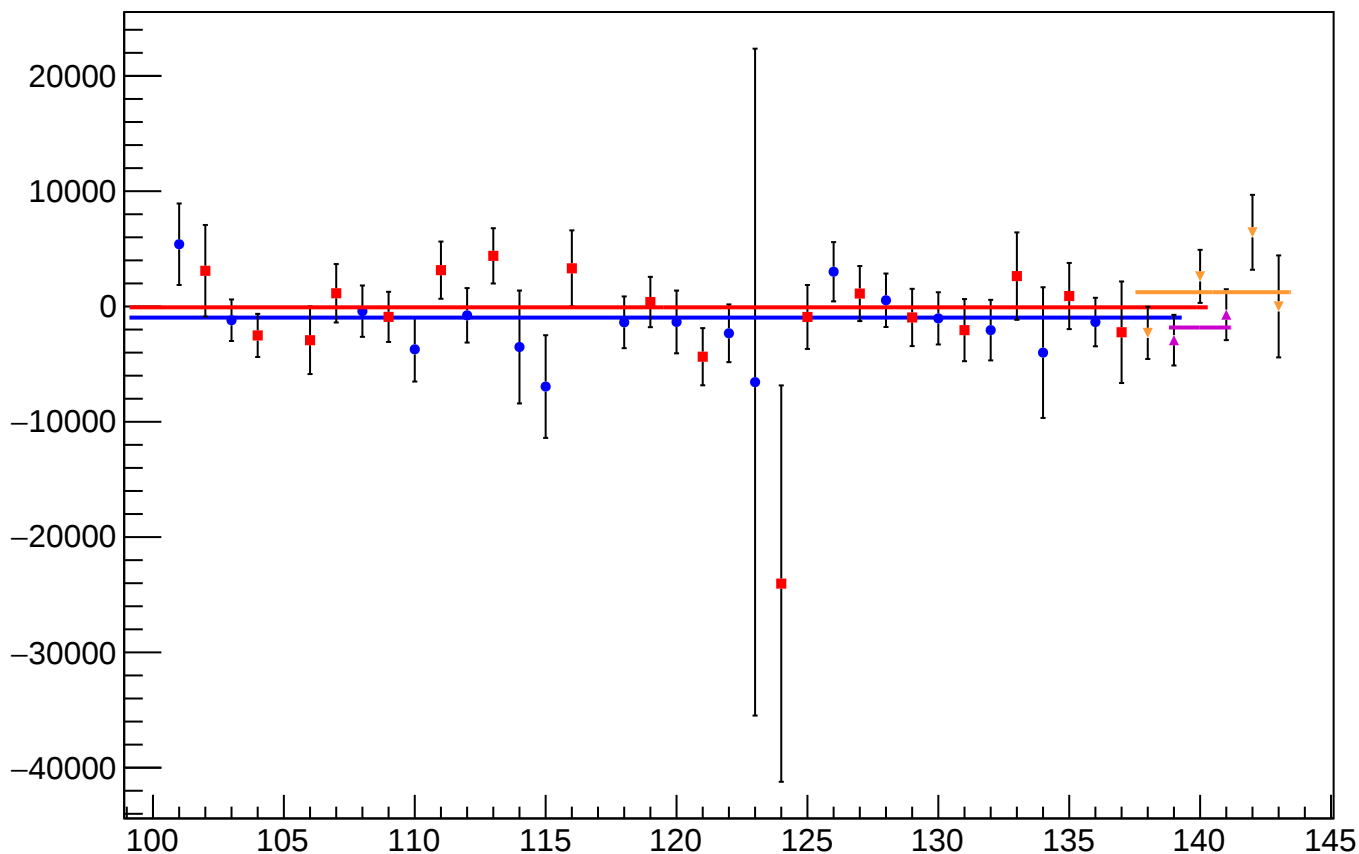
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

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

Out: 7243.023 $\pm$ 1.695 χ^2/NDF :862548.1/21

All: 7474.268 $\pm$ 1.279 χ^2/NDF : 1513791.0/40

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: -71.322+/-634.426 χ^2/NDF : 16.7/17

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

Left: -100.364+/-1029.878 χ^2/NDF : 8.1/5

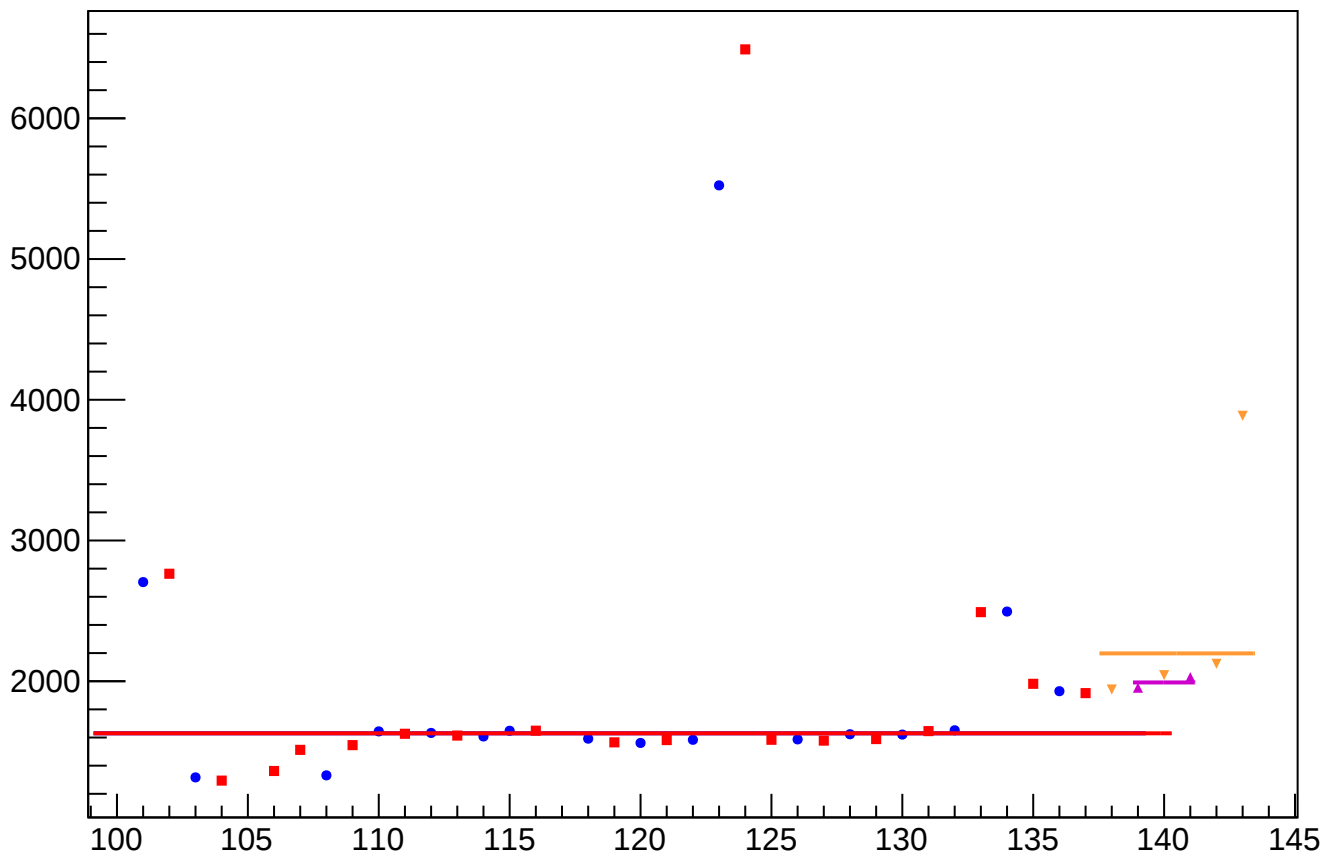
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

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

Out: 159.303+/-575.947 χ^2/NDF :22.9/21

All: -444.715+/-413.597 χ^2/NDF : 36.0/40

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1629.941+/-0.449 χ^2/NDF : 557457.4/17

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

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

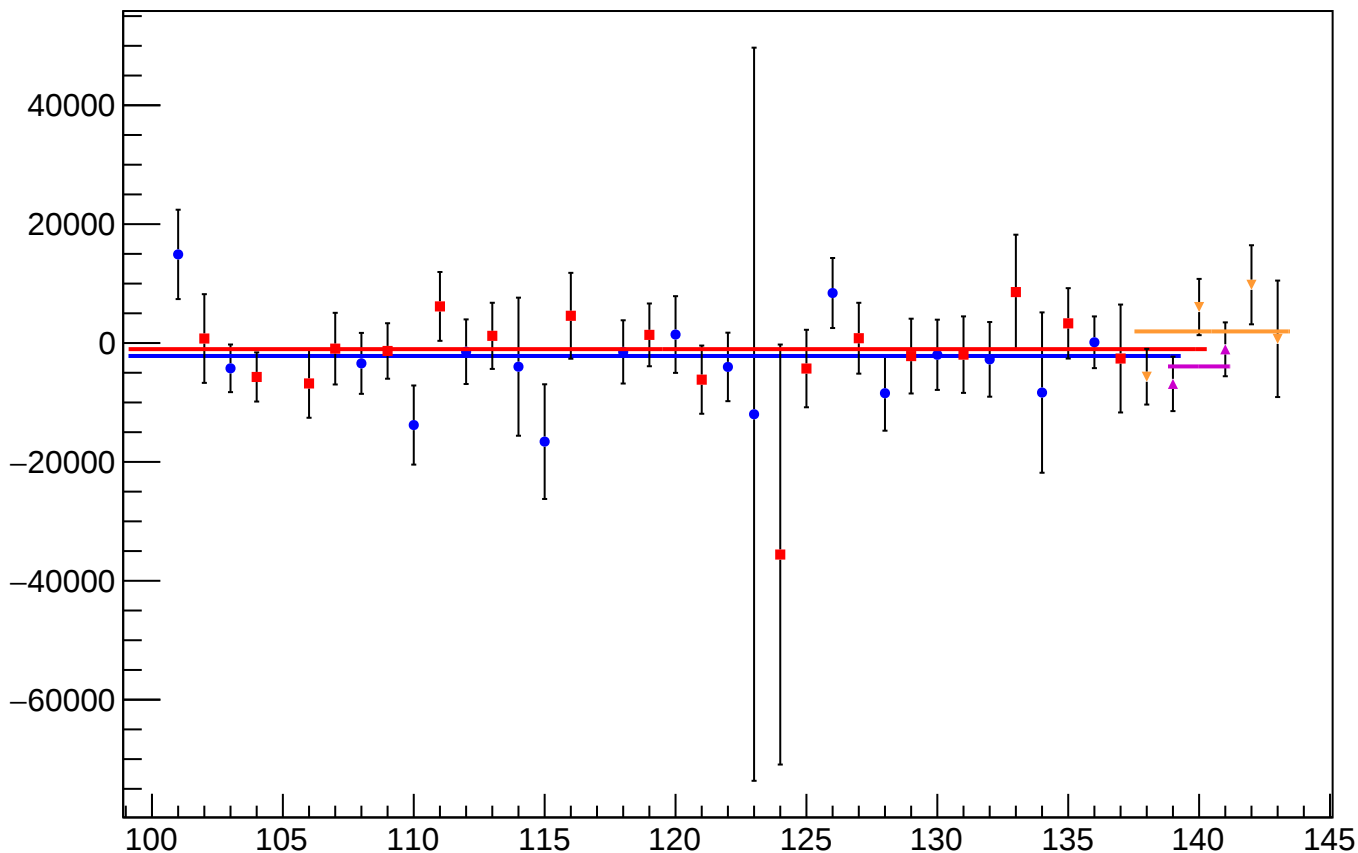
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

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

Out: 1729.798+/-0.407 χ^2/NDF : 1166478.4/21

All: 1706.949+/-0.292 χ^2/NDF : 1674325.4/40

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

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

Left: -631.643+/-2133.667 χ^2/NDF : 7.5/5

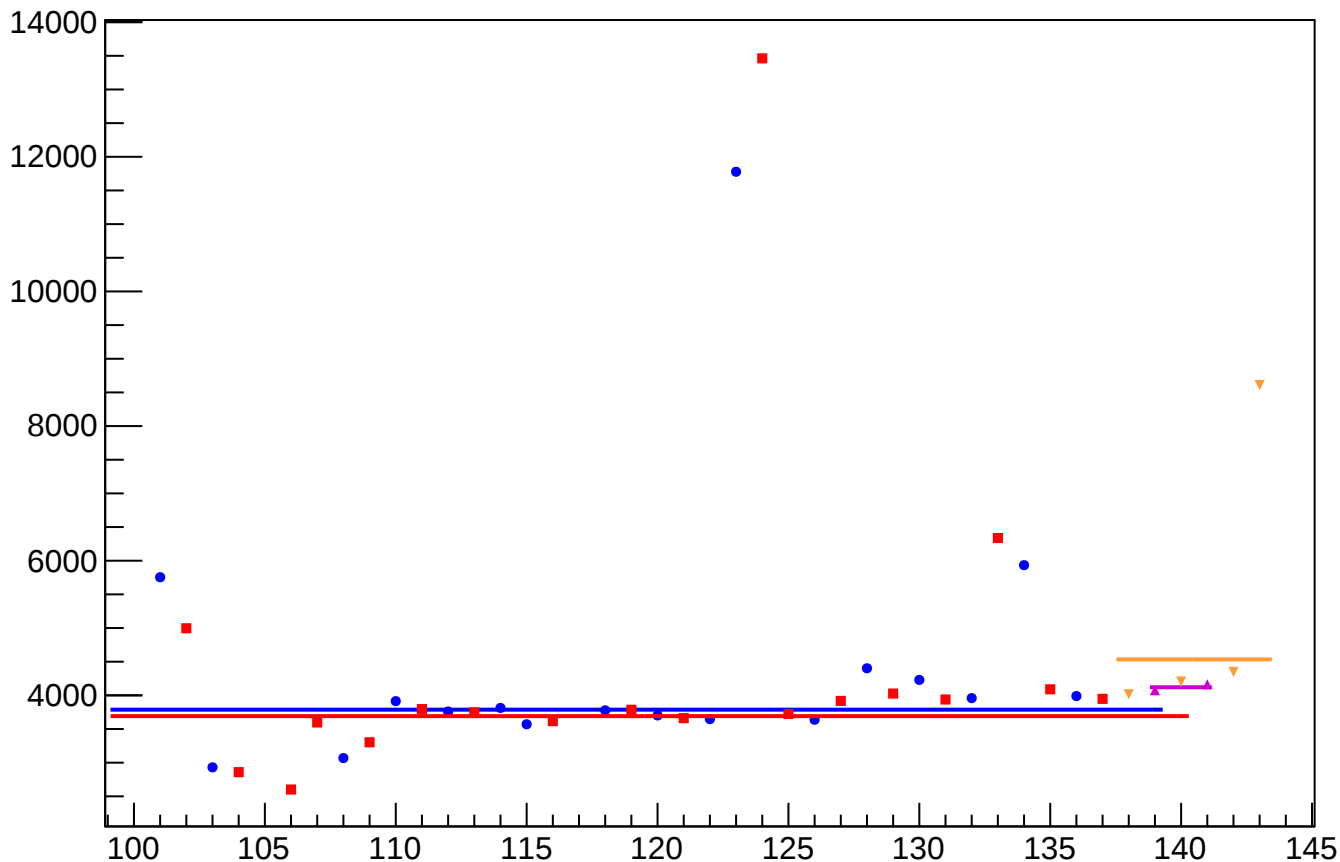
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

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

Out: -418.887+/-1286.770 χ^2/NDF : 14.2/21

All: -1401.301+/-932.927 χ^2/NDF : 32.5/40

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: 3691.246+/-1.020 χ^2/NDF : 555157.1/17

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

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

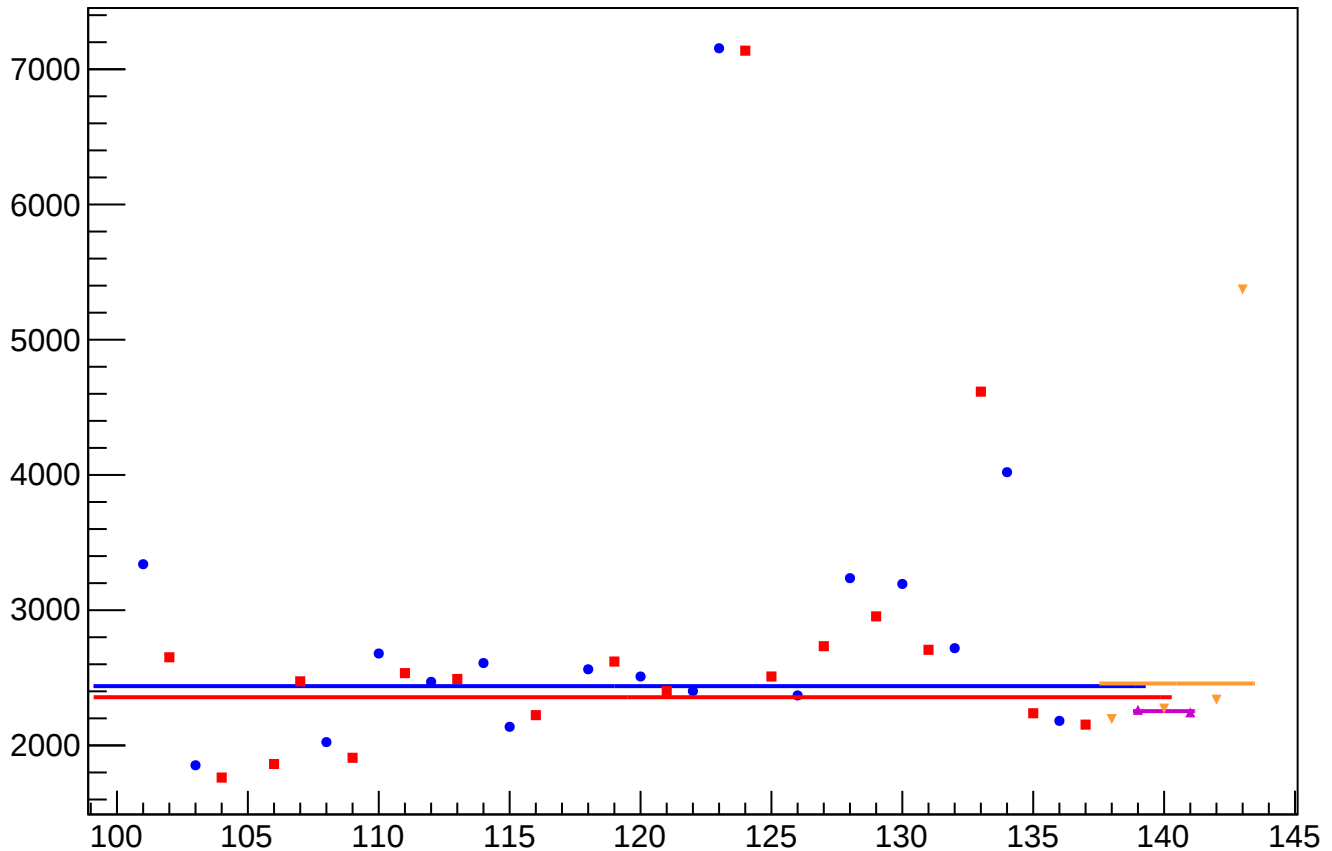
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

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

Out: 3863.234+/-0.910 χ^2/NDF : 1076132.9/21

All: 3855.167+/-0.660 χ^2/NDF : 1486940.0/40

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2457.865+/-1.104 χ^2/NDF : 487924.4/3

Right Out: 2356.405+/-0.656 χ^2/NDF : 629132.8/17

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

Left: 2368.000+/-0.826 χ^2/NDF : 503059.4/5

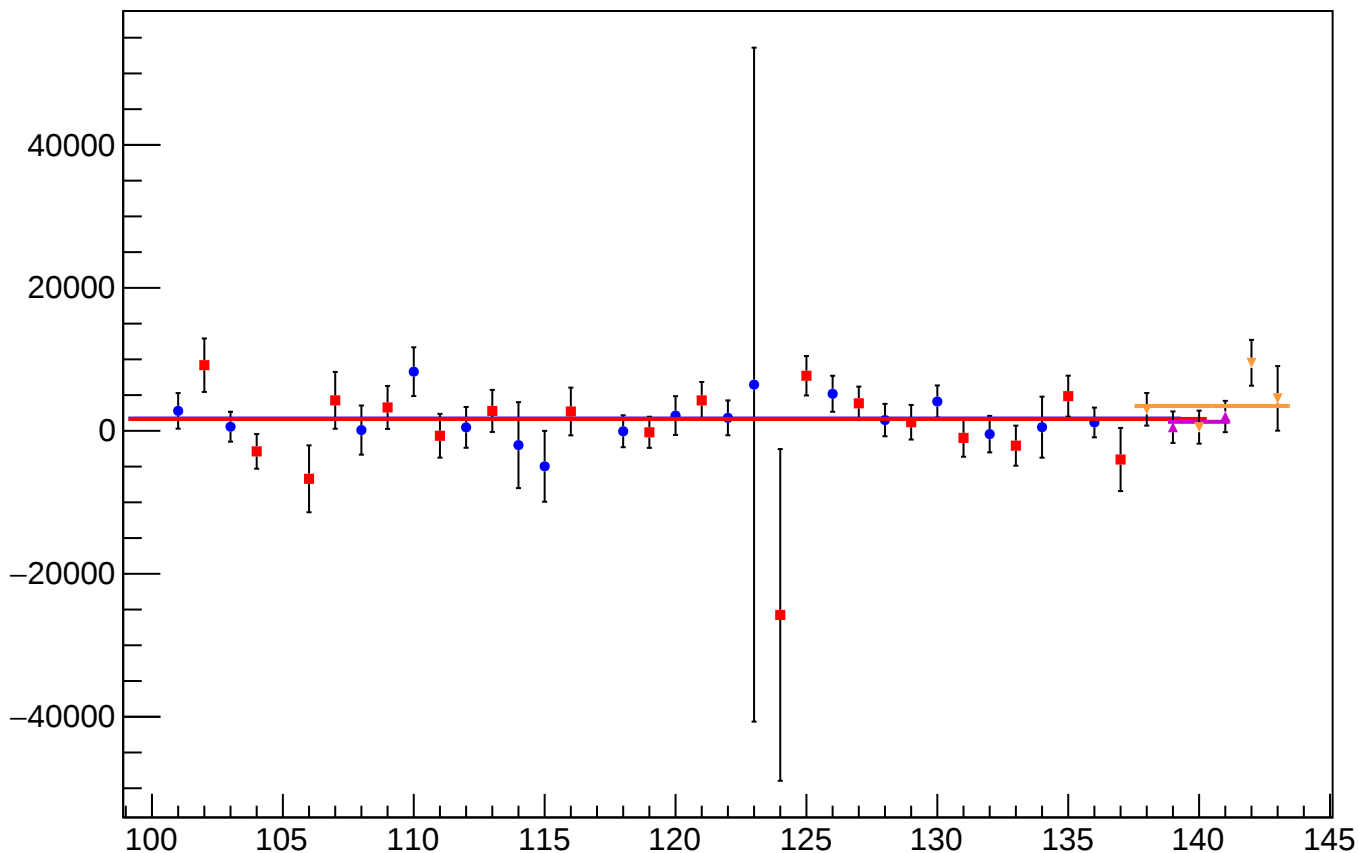
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

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

Out: 2382.873+/-0.564 χ^2/NDF : 1123304.8/21

All: 2388.878+/-0.410 χ^2/NDF : 1617251.0/40

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

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

Left: 2497.340+/-1030.848 χ^2/NDF : 6.7/5

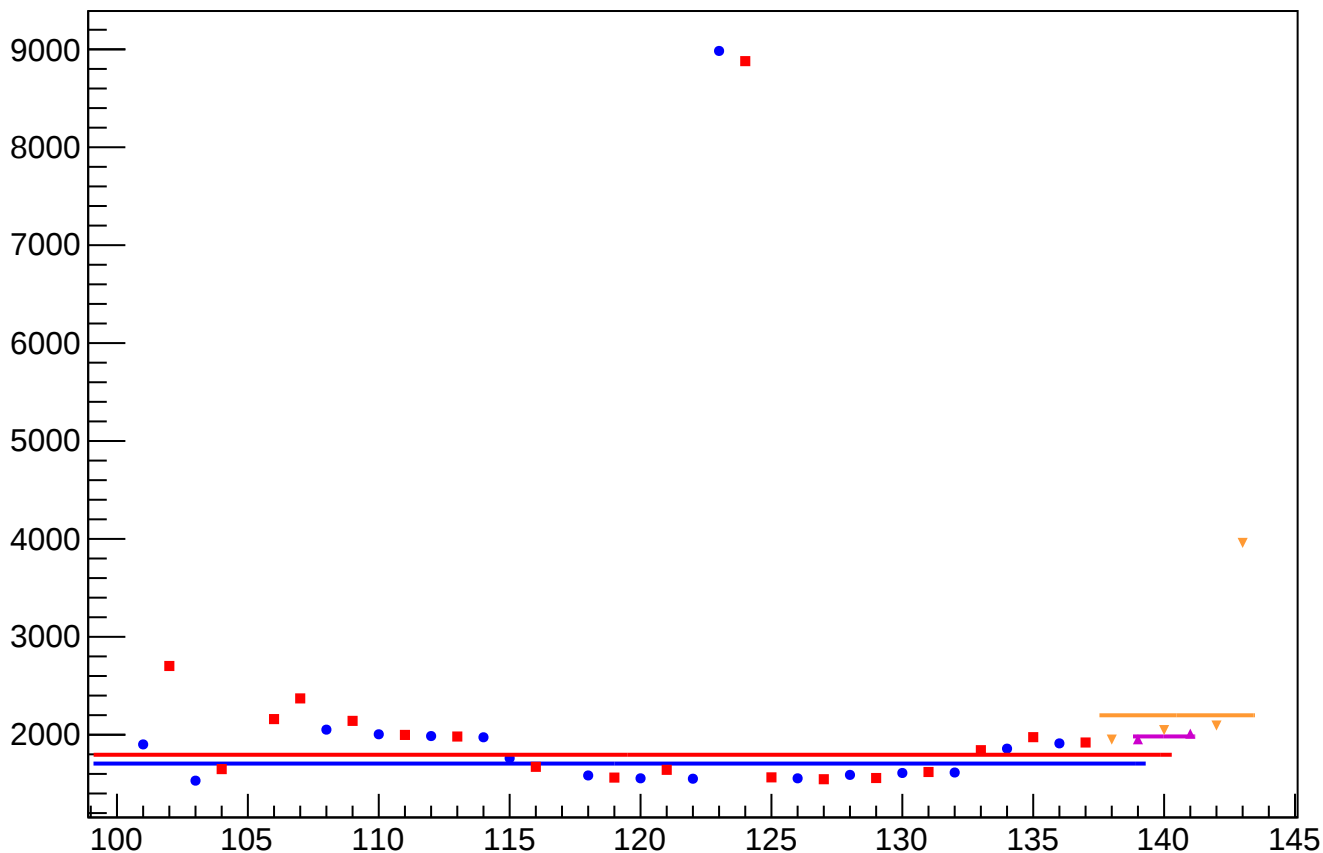
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

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

Out: 2031.831+/-621.099 χ^2/NDF : 33.5/21

All: 1834.569+/-436.274 χ^2/NDF : 45.4/40

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

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

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

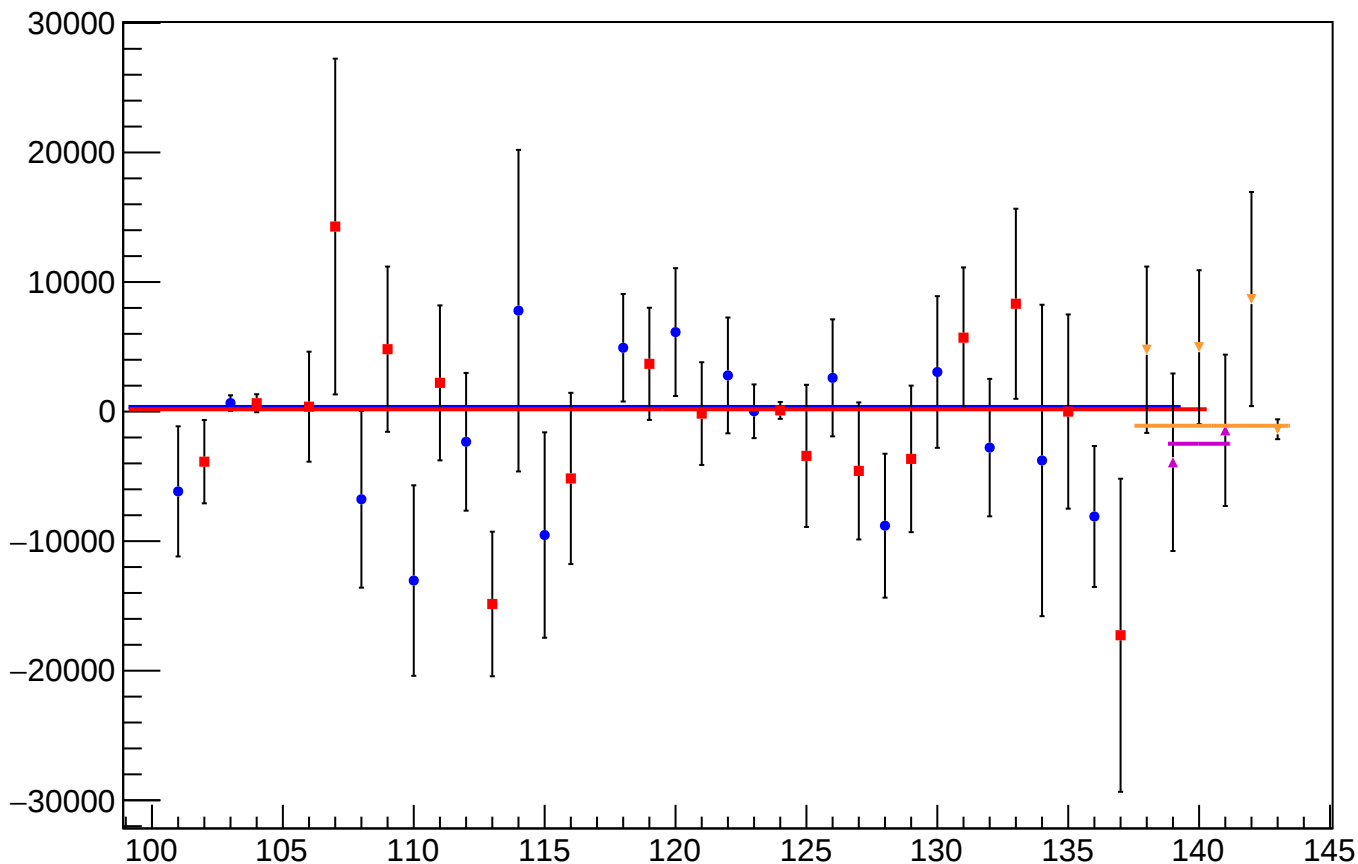
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

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

Out: 1877.113+/-0.438 χ^2/NDF : 993316.6/21

All: 1812.231+/-0.308 χ^2/NDF : 1285267.7/40

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1094.022 $\pm$ 751.431 χ^2 /NDF:3.4/3

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

Left In: -2482.131 $\pm$ 4445.548 χ^2 /NDF:0.1/1

Left: -1132.580 $\pm$ 740.921 χ^2 /NDF: 3.6/5

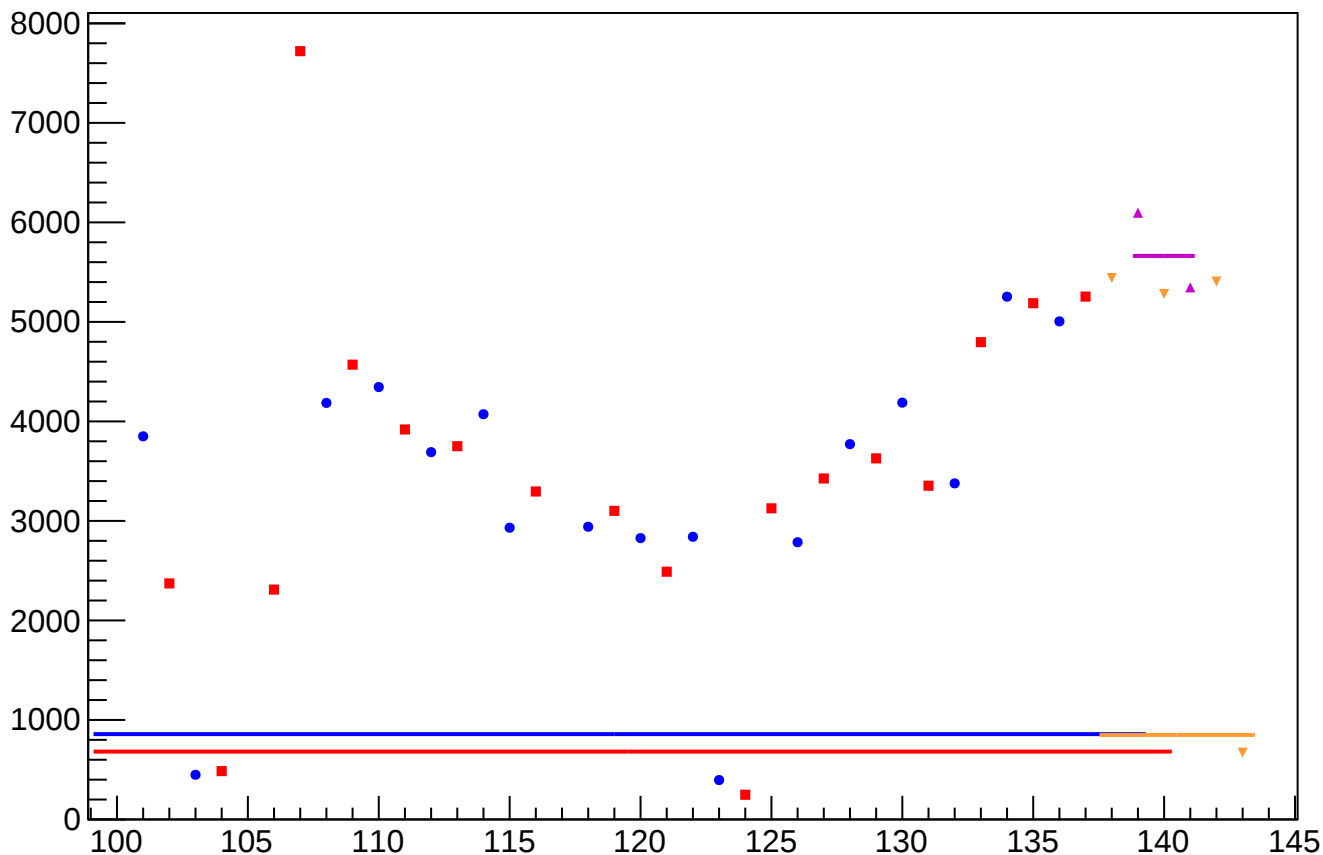
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 316.759 $\pm$ 529.415 χ^2 /NDF:18.0/18

Out: -153.592 $\pm$ 384.164 χ^2 /NDF:24.0/21

All: 8.646 $\pm$ 310.929 χ^2 /NDF: 42.5/40

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

Left: 983.084 ± 0.524 χ^2/NDF : 5145765.7/5

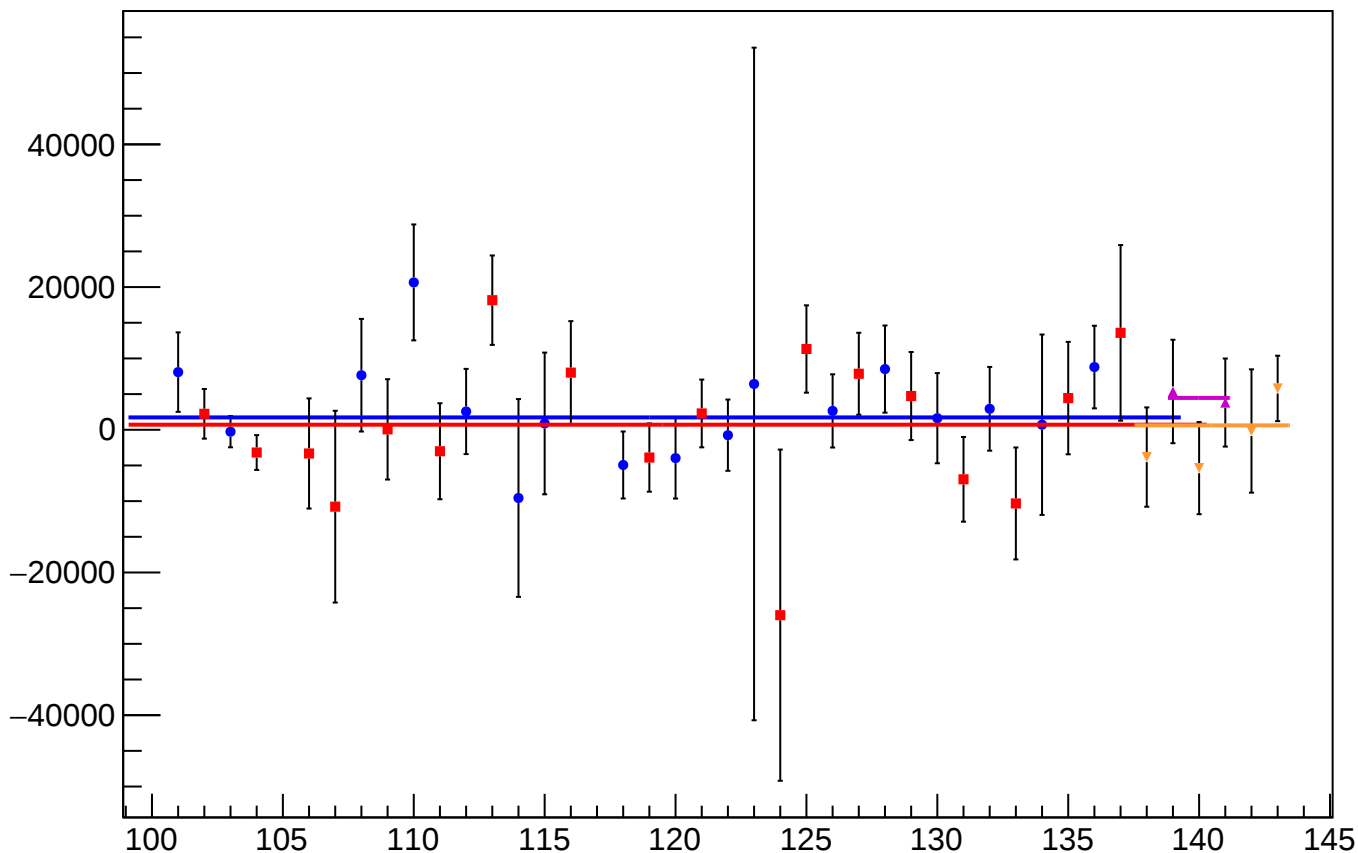
Right: 754.488 ± 0.242 χ^2/NDF : 17680867.8/34

In: 925.622 ± 0.374 χ^2/NDF : 10492868.1/18

Out: 725.832 ± 0.272 χ^2/NDF : 12304034.6/21

All: 794.745 ± 0.220 χ^2/NDF : 22983487.2/40

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

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

Left: 1776.784+/-2574.700 χ^2/NDF : 3.0/5

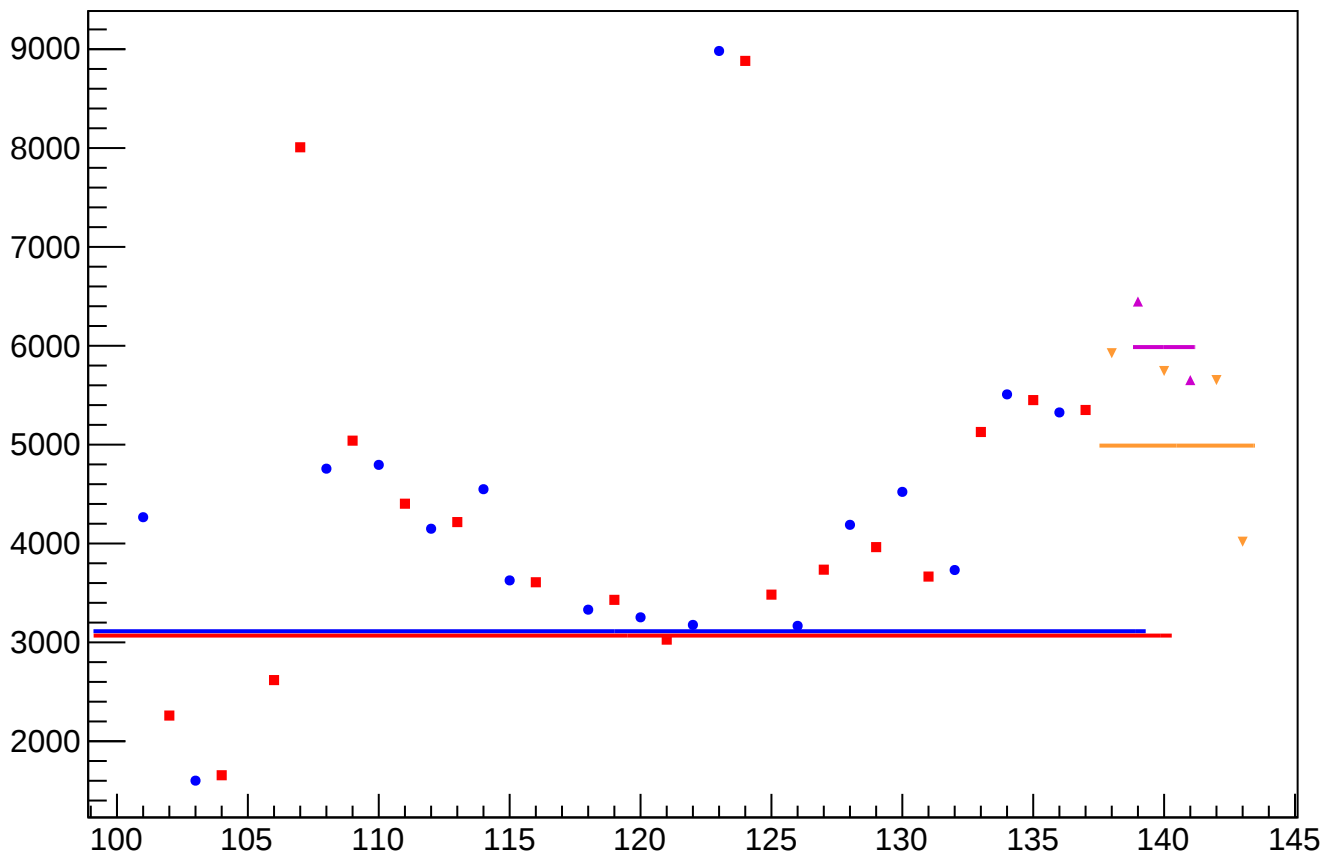
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

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

Out: 701.604+/-1190.273 χ^2/NDF : 27.7/21

All: 1281.796+/-864.297 χ^2/NDF : 43.4/40

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 4990.269+/-2.176 χ^2/NDF : 164987.9/3

Right Out: 3068.634+/-0.899 χ^2/NDF : 2001632.3/17

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

Left: 5289.462+/-1.821 χ^2/NDF : 241879.8/5

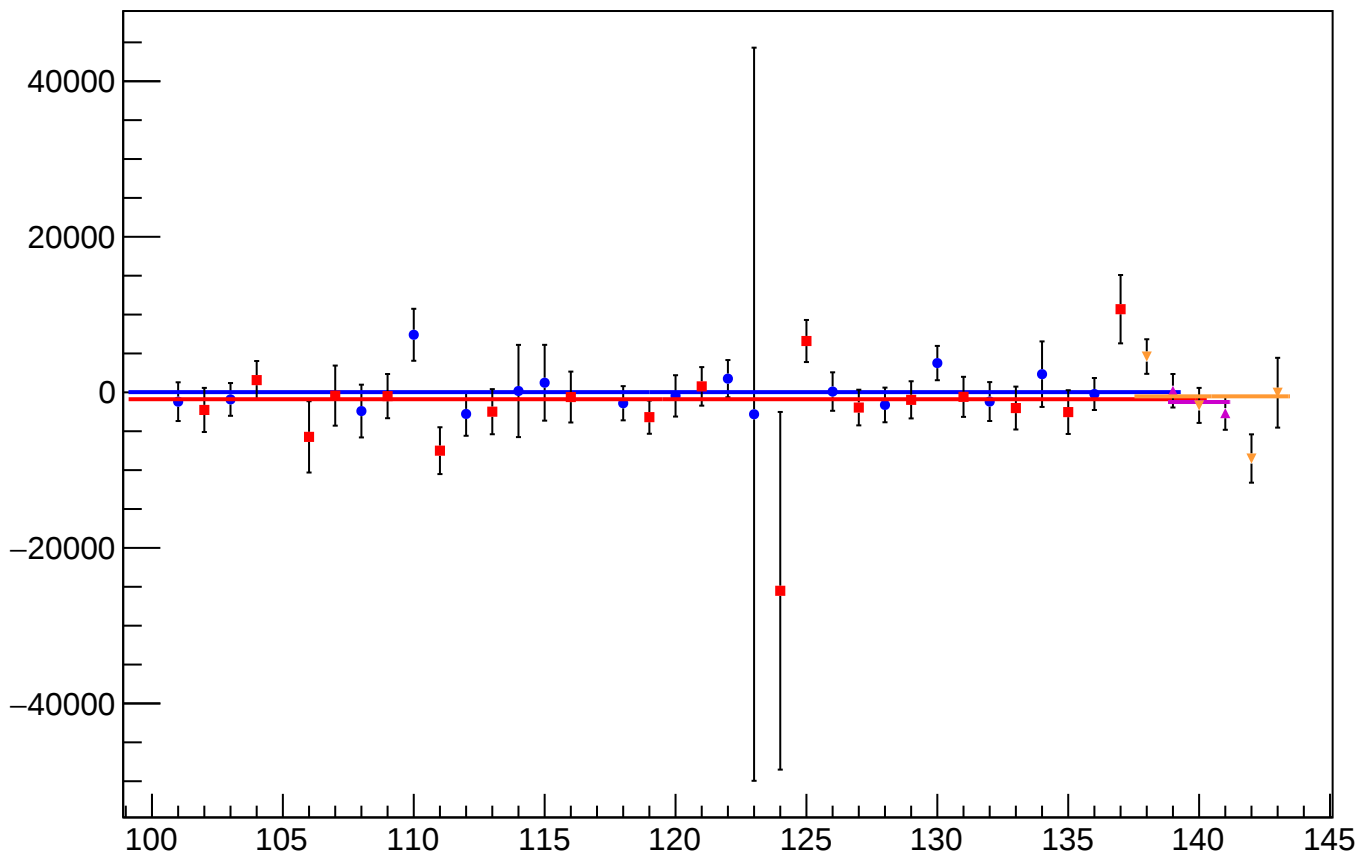
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

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

Out: 3348.928+/-0.831 χ^2/NDF : 2832536.7/21

All: 3334.670+/-0.607 χ^2/NDF : 5426293.3/40

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -513.017+/-1345.197 χ^2/NDF :12.2/3

Right Out: -882.685+/-674.623 χ^2/NDF : 25.6/17

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

Left: -833.233+/-1007.108 χ^2/NDF : 13.2/5

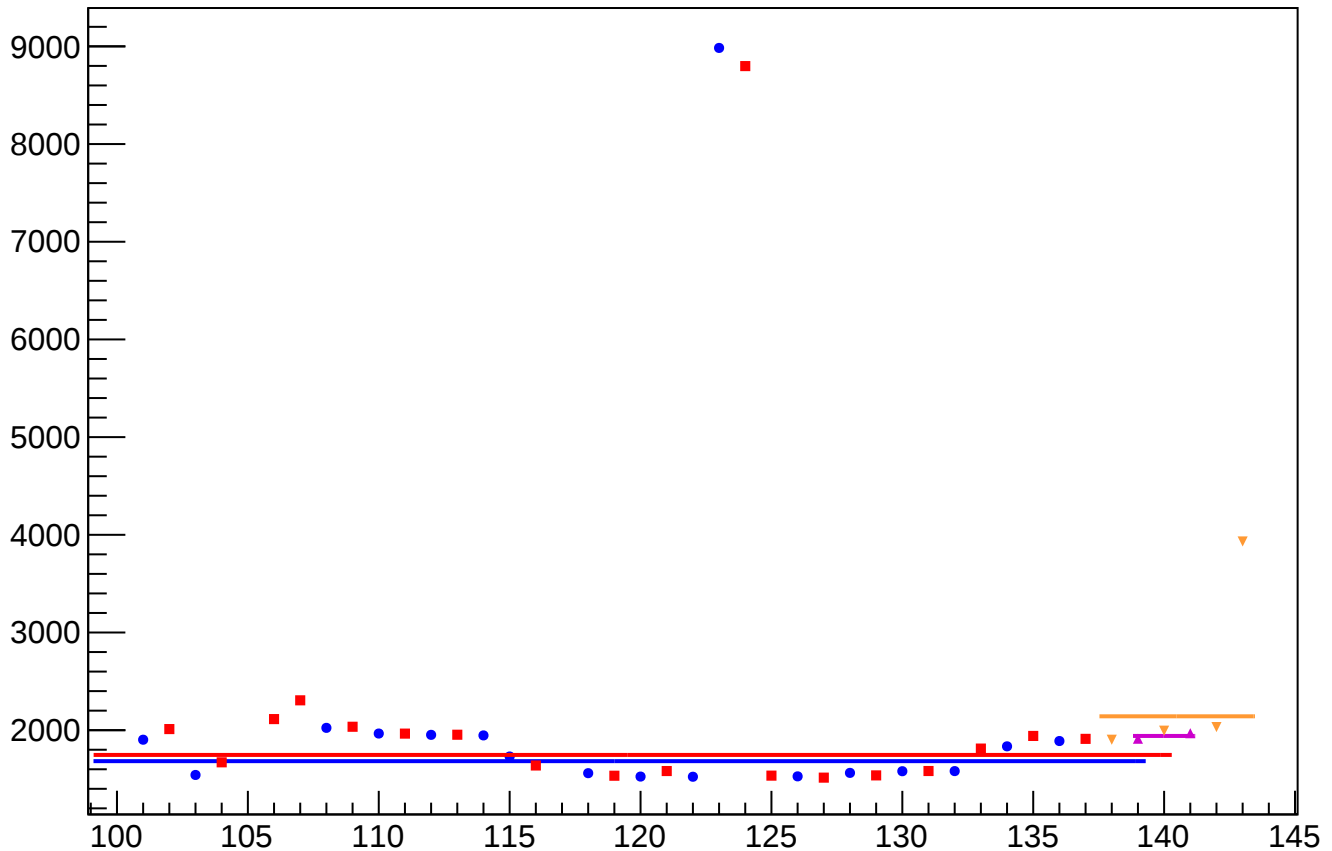
Right: -415.699+/-471.191 χ^2/NDF : 38.4/34

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

Out: -808.395+/-603.038 χ^2/NDF :37.9/21

All: -490.682+/-426.789 χ^2/NDF : 51.7/40

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

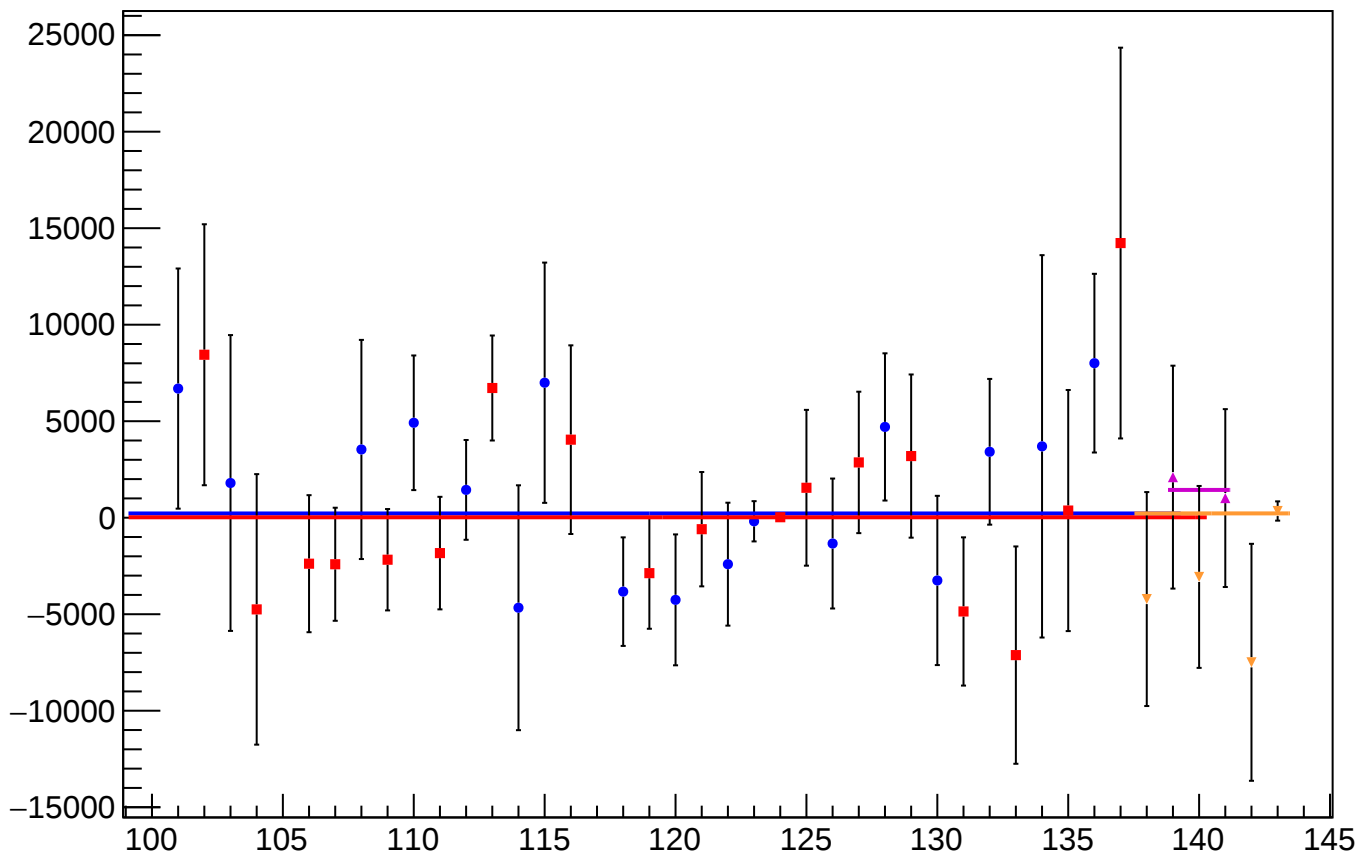
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

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

Out: 1825.968+/-0.426 χ^2/NDF : 897363.9/21

All: 1775.127+/-0.302 χ^2/NDF : 1171112.0/40

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 223.632 $\pm$ 492.928 χ^2 /NDF:2.8/3

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

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

Left: 245.982 $\pm$ 488.376 χ^2 /NDF: 2.9/5

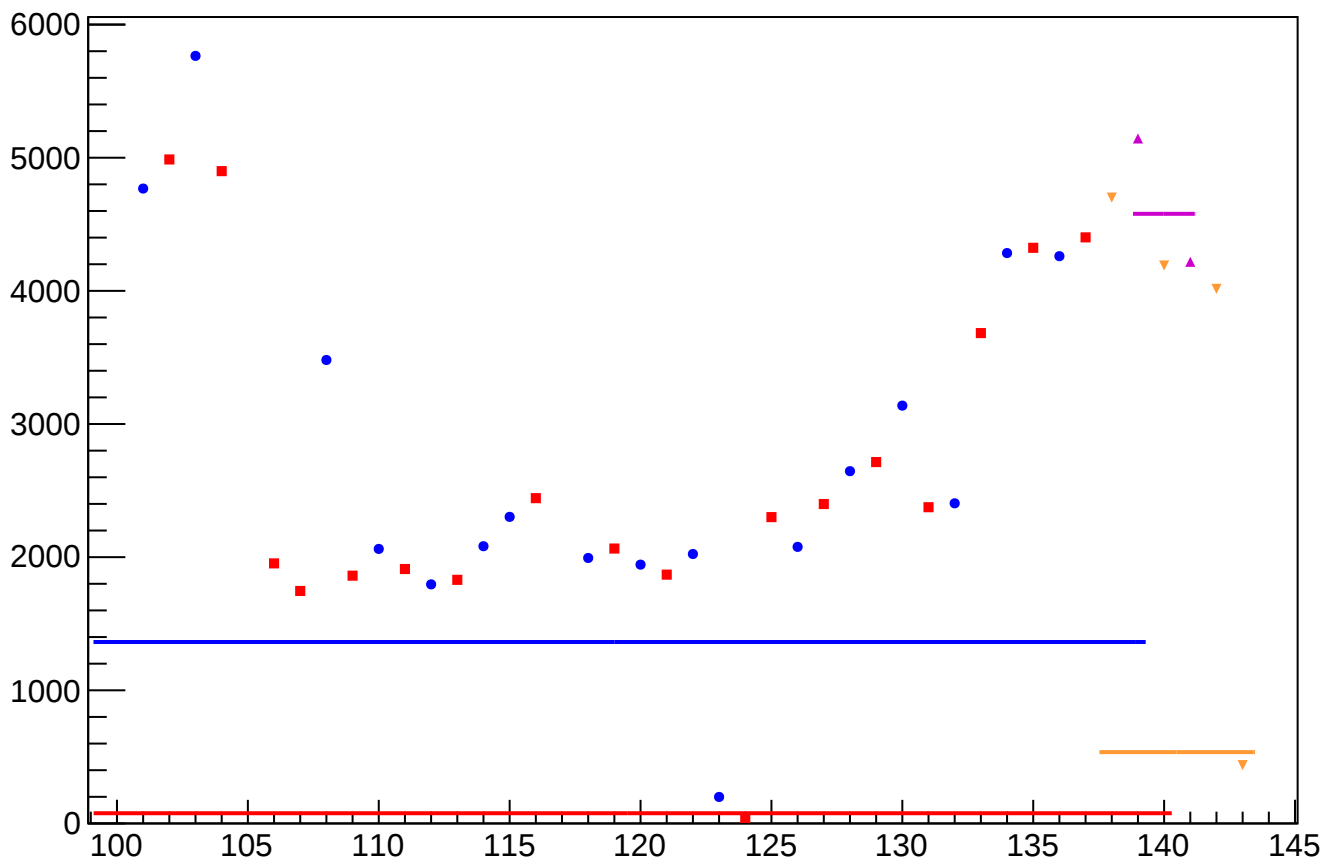
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

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

Out: 32.208 $\pm$ 111.194 χ^2 /NDF:21.5/21

All: 37.871 $\pm$ 109.843 χ^2 /NDF: 37.6/40

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

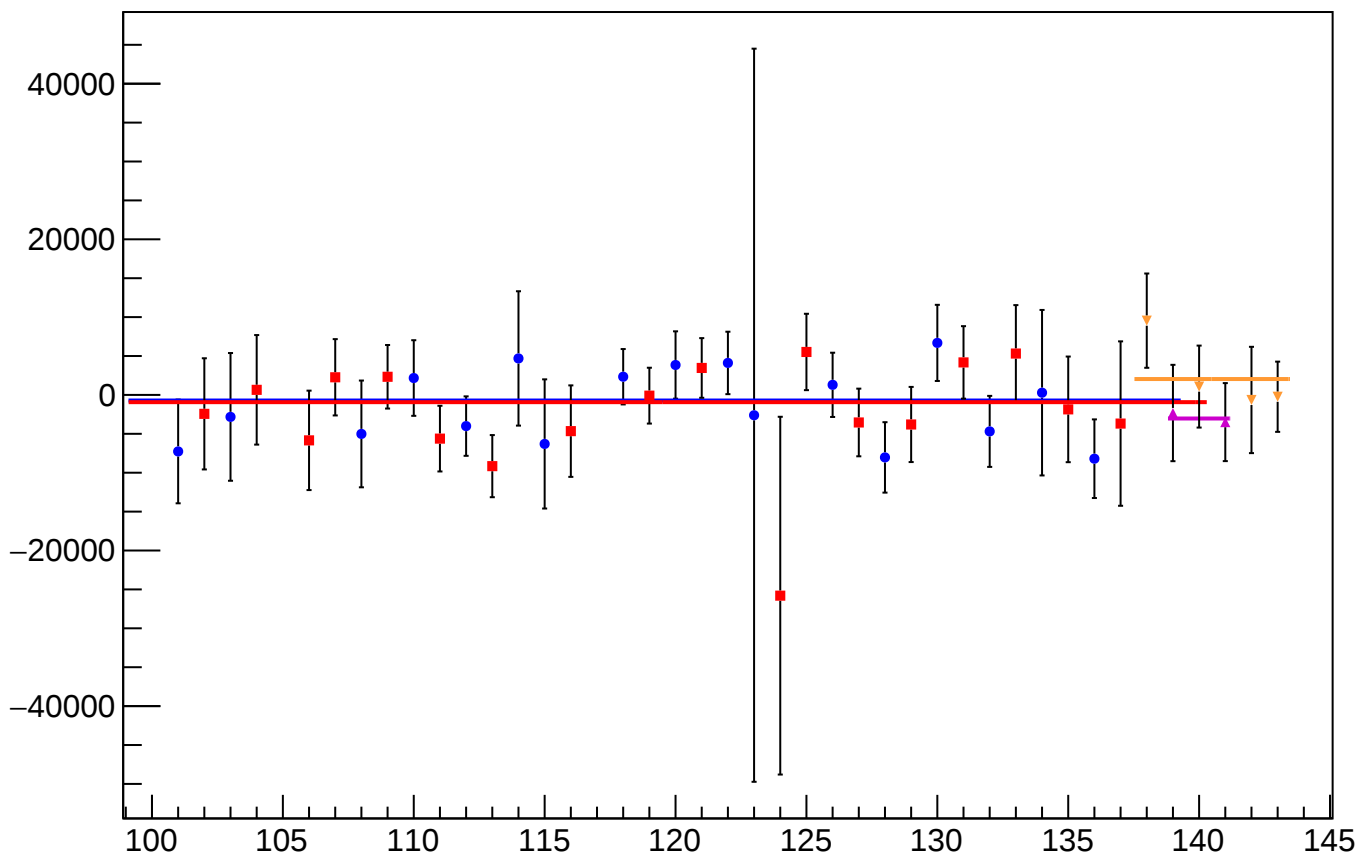
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

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

Out: 100.184 $\pm$ 0.079 χ^2 /NDF: 17810927.8/21

All: 133.662 $\pm$ 0.078 χ^2 /NDF: 33119849.4/40

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

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

Left: 366.751+/-2238.033 χ^2/NDF : 3.1/5

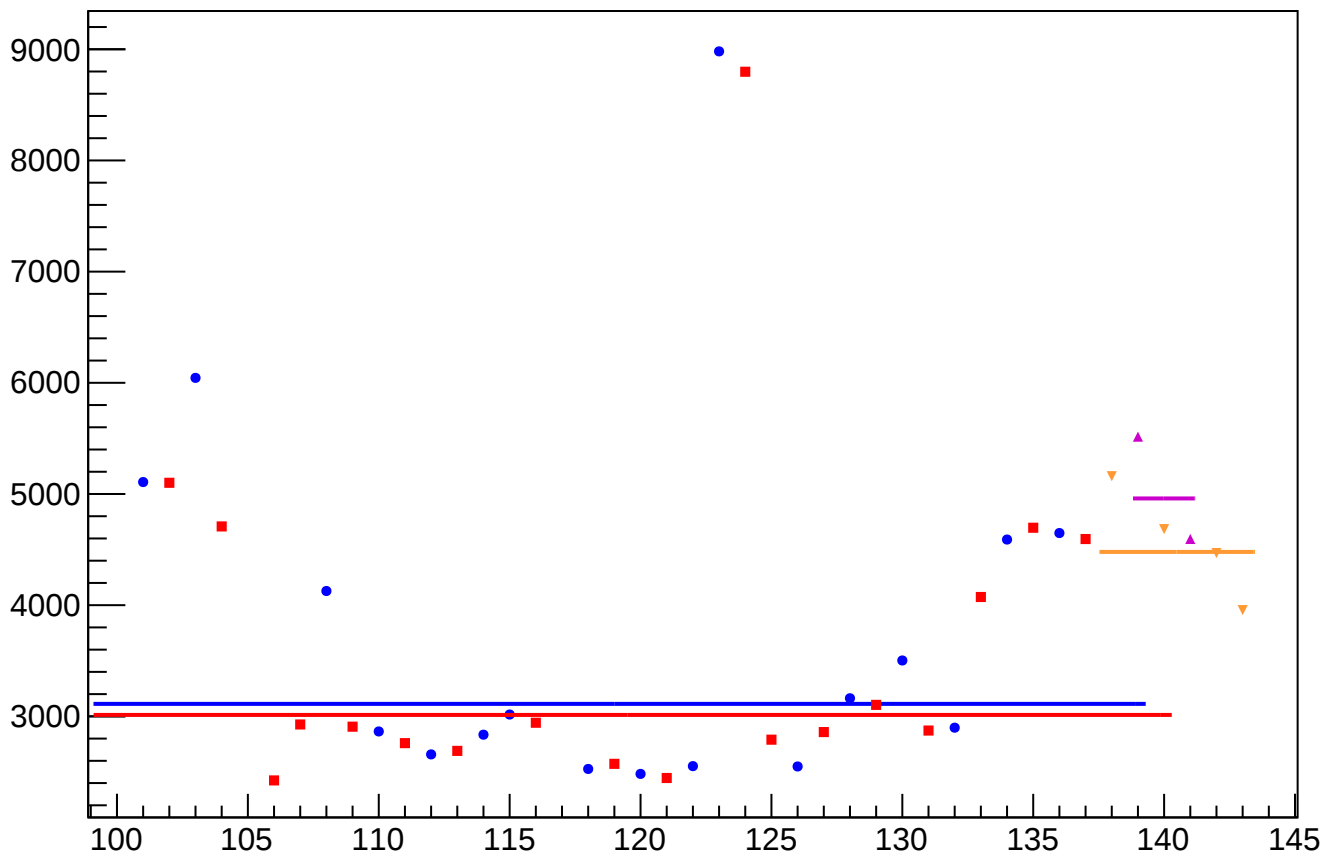
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

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

Out: -455.316+/-1094.561 χ^2/NDF : 17.9/21

All: -676.024+/-806.352 χ^2/NDF : 33.1/40

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

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

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

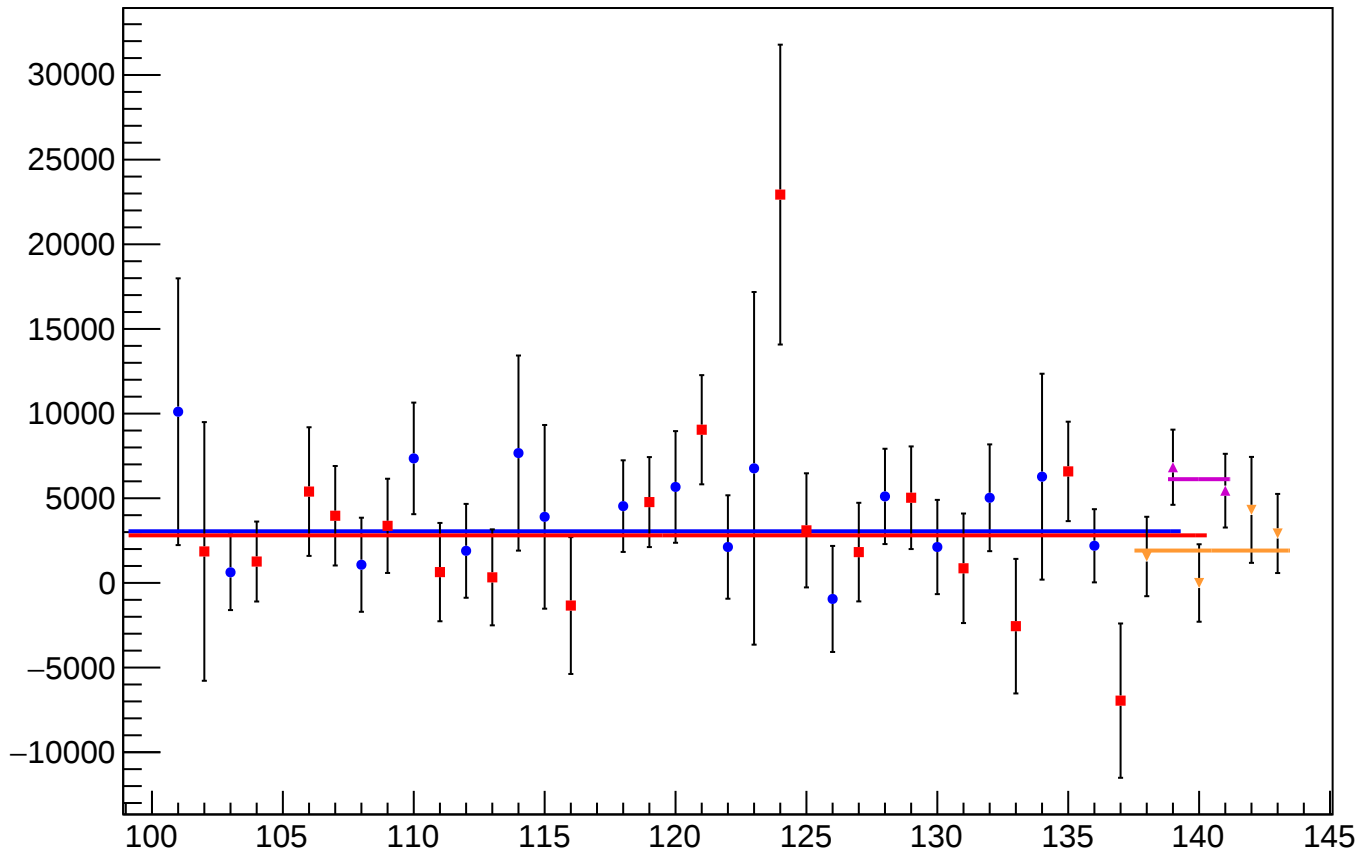
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

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

Out: 3242.831+/-0.766 χ^2/NDF : 1314398.9/21

All: 3262.021+/-0.567 χ^2/NDF : 2708594.3/40

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

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

Left: 3538.694+/-965.853 χ^2/NDF : 6.2/5

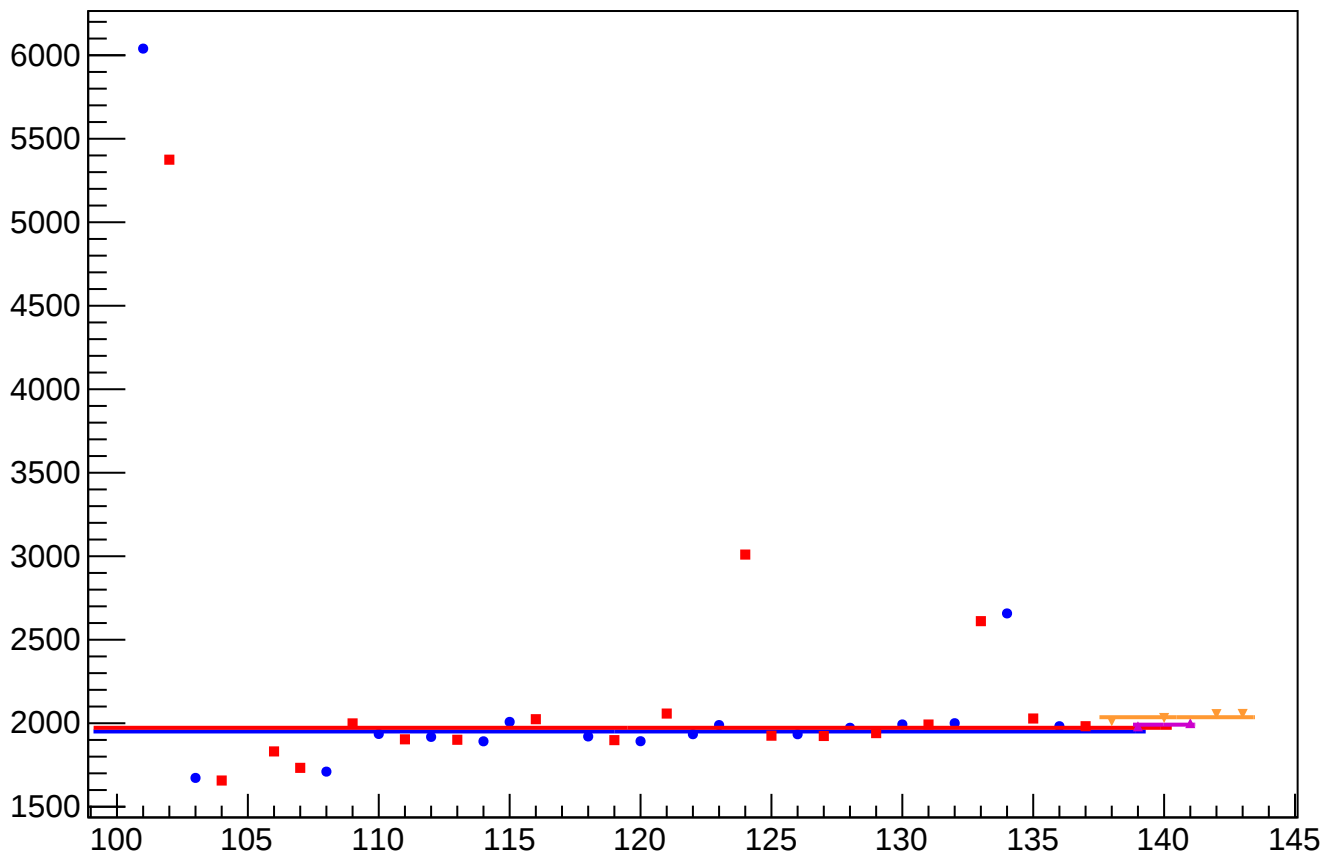
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

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

Out: 2558.865+/-650.747 χ^2/NDF : 23.9/21

All: 3075.162+/-473.949 χ^2/NDF : 37.9/40

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692 $\pm$ 0.546 χ^2 /NDF: 615165.3/16

Left Out: 2036.089 $\pm$ 0.872 χ^2 /NDF:442.5/3

Right Out: 1972.726 $\pm$ 0.541 χ^2 /NDF: 535670.1/17

Left In: 1991.462 $\pm$ 1.099 χ^2 /NDF:76.3/1

Left: 2018.859 $\pm$ 0.683 χ^2 /NDF: 1530.7/5

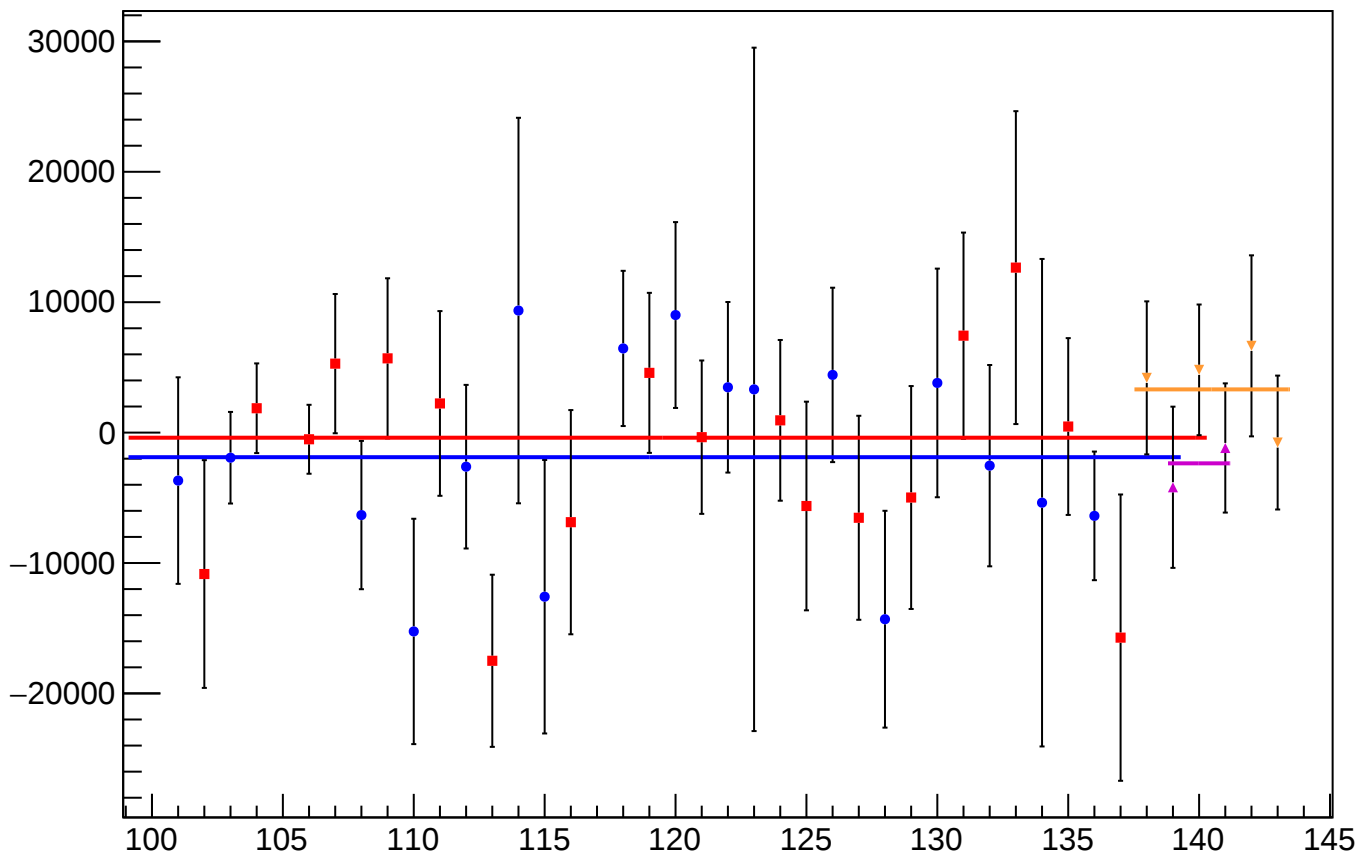
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1958.764 $\pm$ 0.489 χ^2 /NDF:616345.0/18

Out: 1990.368 $\pm$ 0.460 χ^2 /NDF:539925.5/21

All: 1975.535 $\pm$ 0.335 χ^2 /NDF: 1158486.6/40

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: -391.453 ± 1361.685 χ^2/NDF : 17.6/17

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

Left: 1362.498 ± 2267.480 χ^2/NDF : 2.5/5

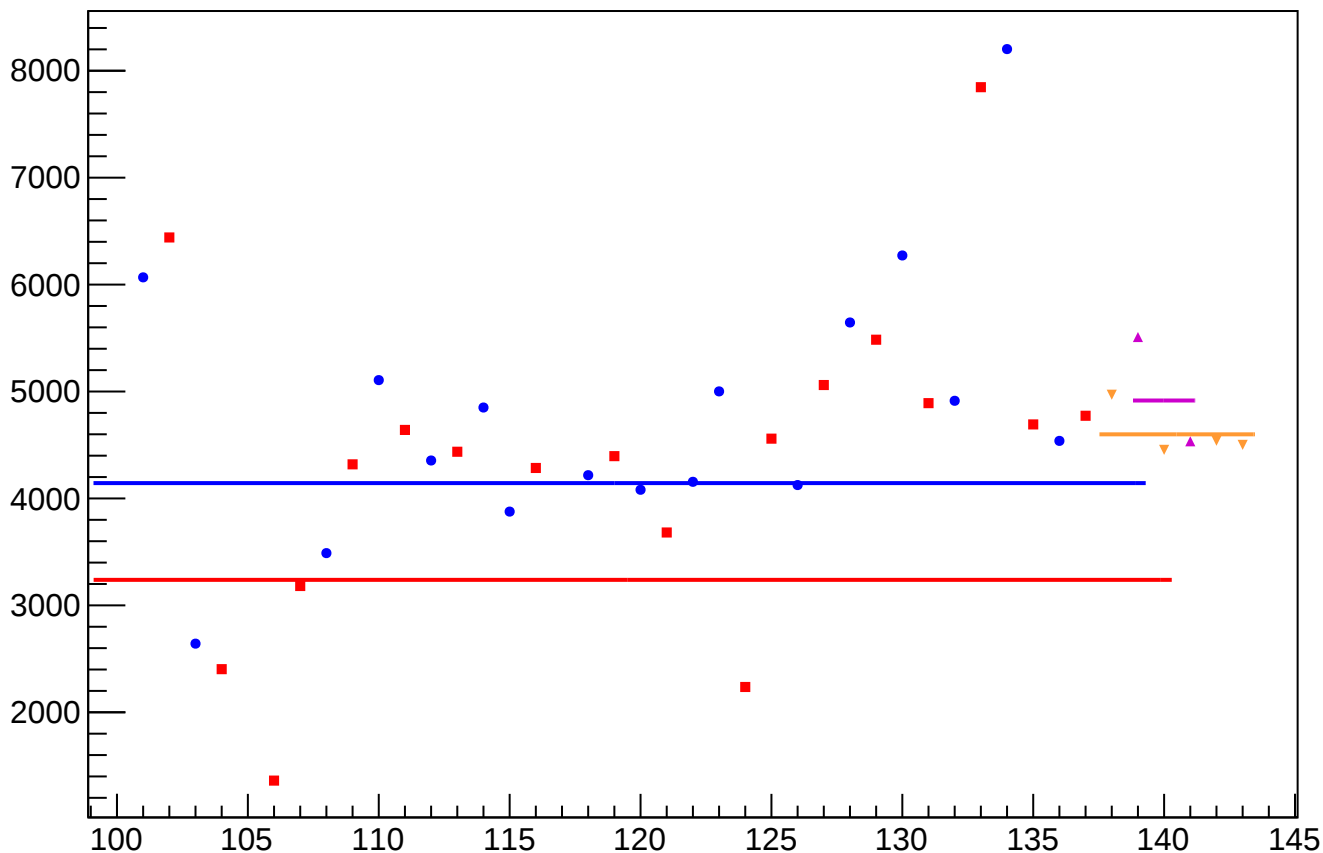
Right: -993.190 ± 1052.280 χ^2/NDF : 32.2/34

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

Out: 317.312 ± 1224.526 χ^2/NDF : 20.0/21

All: -575.757 ± 954.505 χ^2/NDF : 35.6/40

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 3238.590+/-0.963 χ^2/NDF : 2581960.1/17

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

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

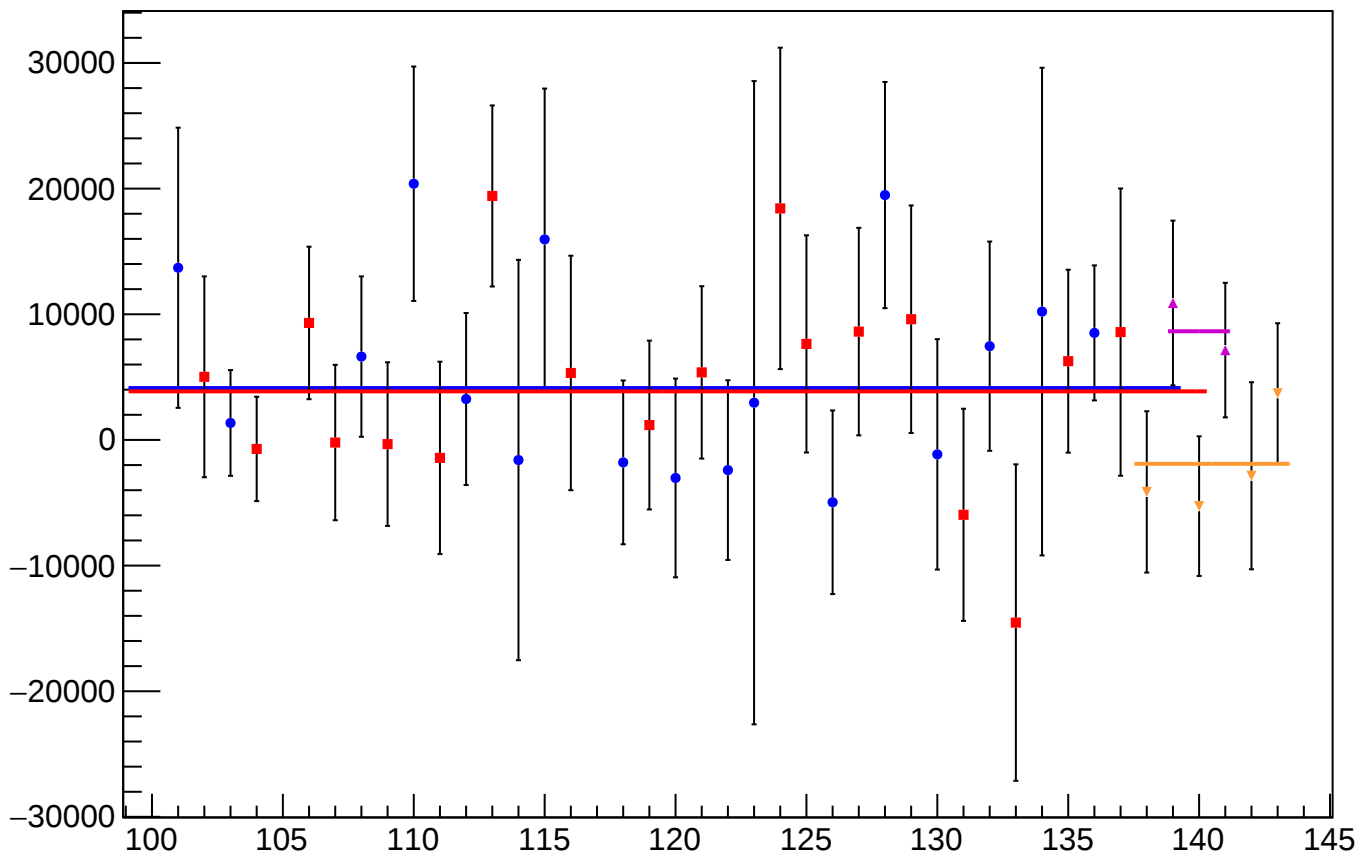
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

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

Out: 3498.958+/-0.866 χ^2/NDF : 2974716.6/21

All: 3798.957+/-0.675 χ^2/NDF : 4234360.5/40

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: 3866.479 $\pm$ 1727.484 χ^2 /NDF: 14.3/17

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

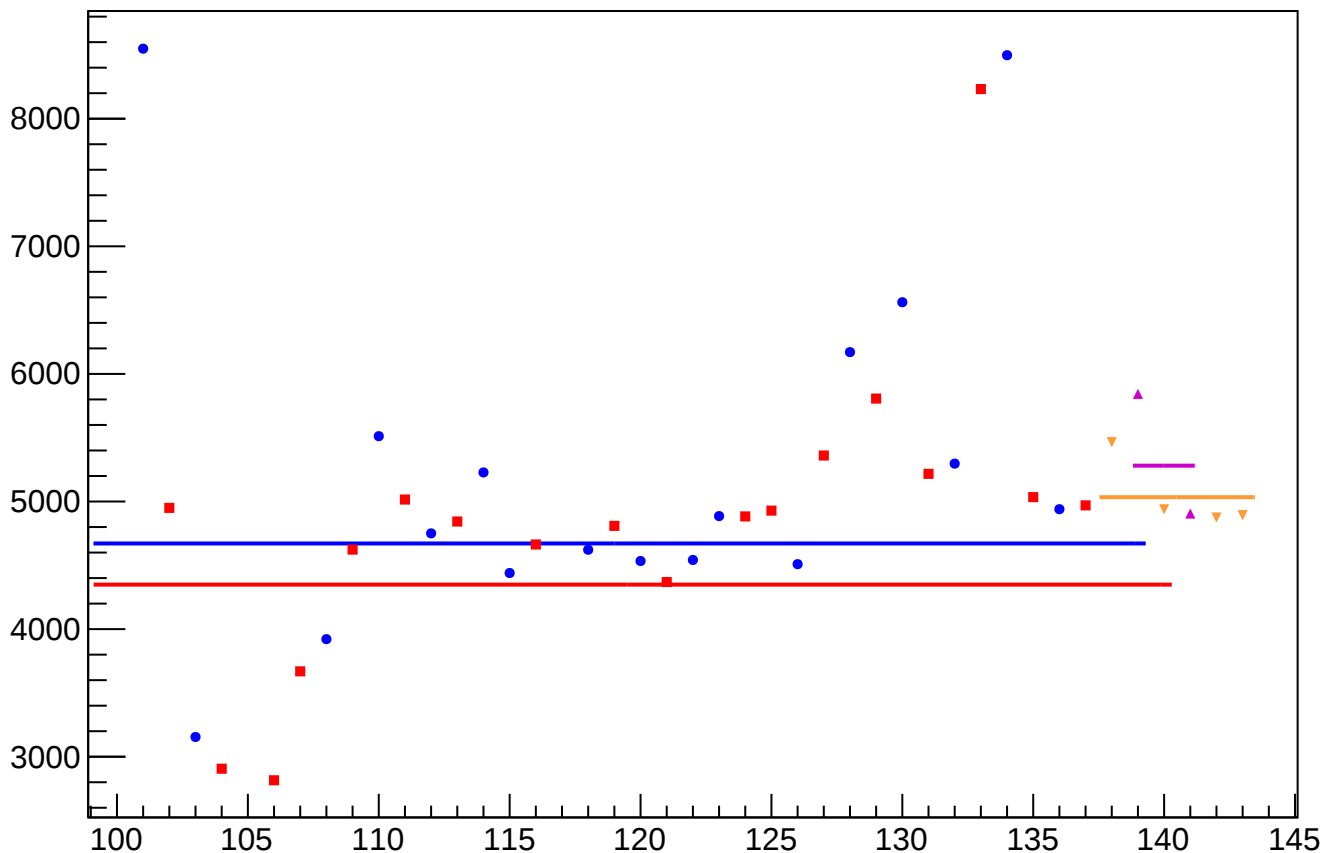
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

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

Out: 2471.512 $\pm$ 1504.188 χ^2 /NDF:18.5/21

All: 3532.116 $\pm$ 1126.357 χ^2 /NDF: 34.5/40

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: 4348.716+/-1.214 χ^2/NDF : 792425.3/17

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

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

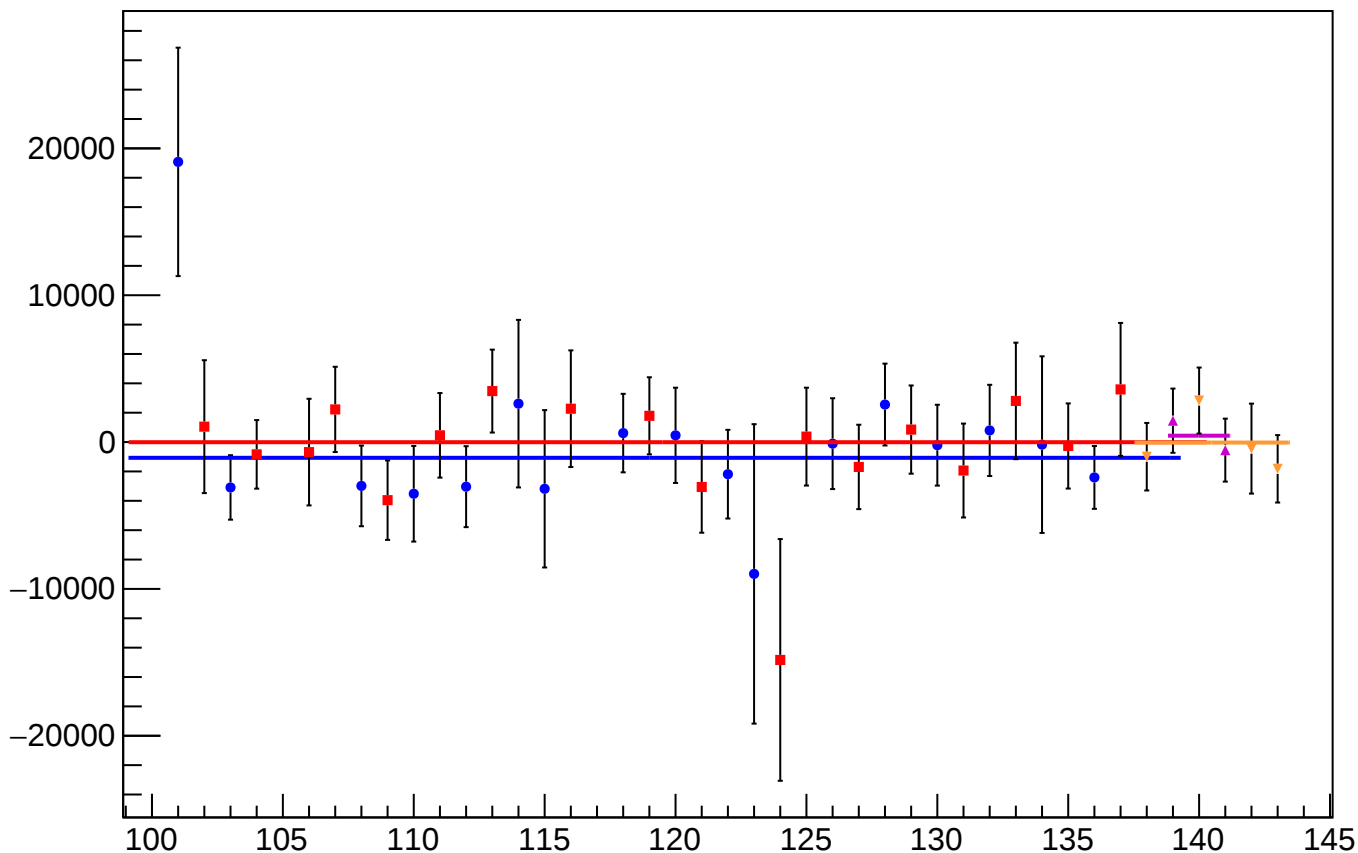
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

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

Out: 4512.934+/-1.059 χ^2/NDF : 880511.4/21

All: 4626.921+/-0.794 χ^2/NDF : 1753661.4/40

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 $\pm$ 762.970 χ^2 /NDF: 13.7/16

Left Out: -32.133 $\pm$ 1209.816 χ^2 /NDF:2.4/3

Right Out: -8.910 $\pm$ 748.092 χ^2 /NDF: 11.4/17

Left In: 434.715 $\pm$ 1530.458 χ^2 /NDF:0.4/1

Left: 147.402 $\pm$ 949.093 χ^2 /NDF: 2.9/5

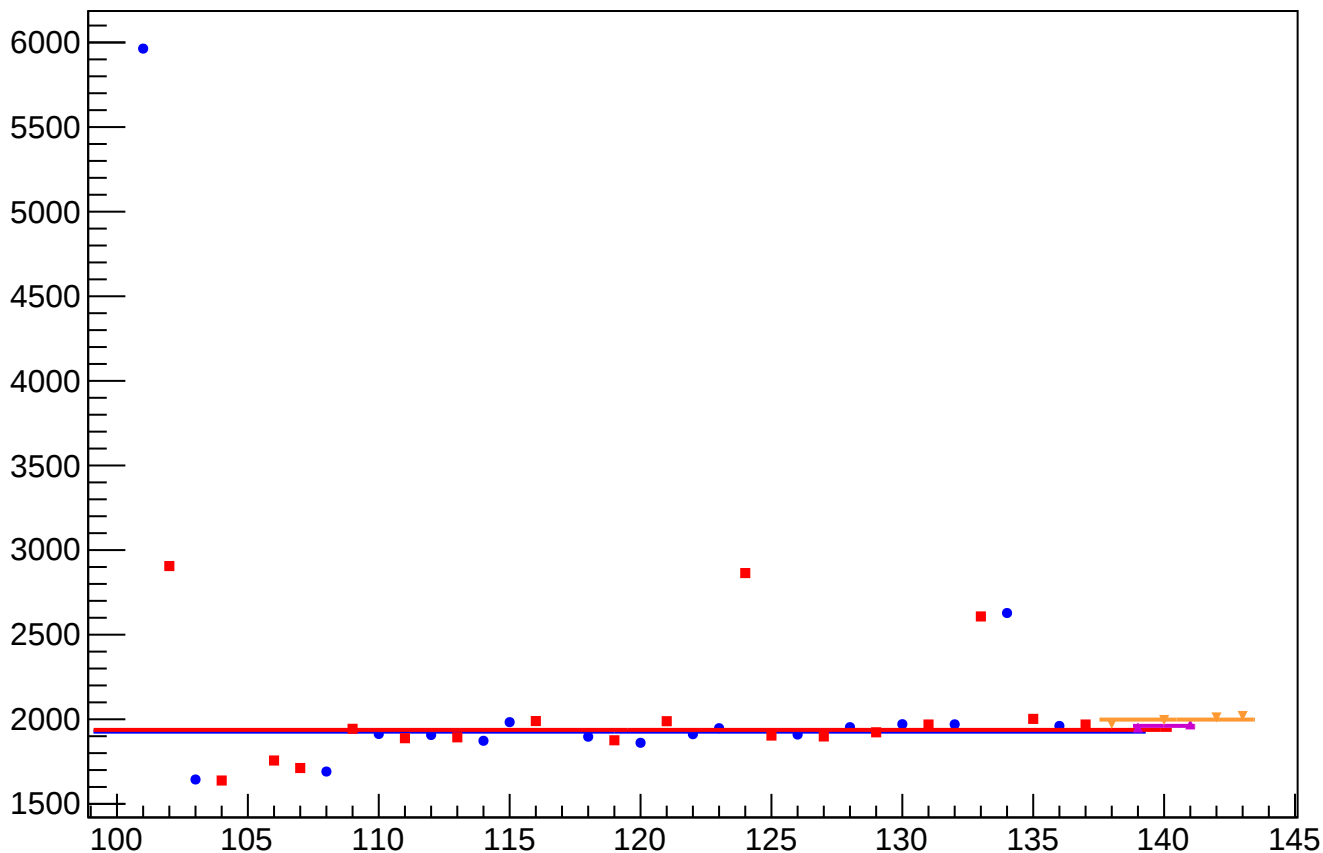
Right: -529.623 $\pm$ 534.164 χ^2 /NDF: 26.1/34

In: -771.482 $\pm$ 682.824 χ^2 /NDF:14.9/18

Out: -15.334 $\pm$ 636.275 χ^2 /NDF:13.8/21

All: -366.757 $\pm$ 465.501 χ^2 /NDF: 29.4/40

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 ± 0.540 $\chi^2/\text{NDF}: 617116.3/16$

Left Out: 1998.210 ± 0.855 $\chi^2/\text{NDF}: 456.9/3$

Right Out: 1937.280 ± 0.529 $\chi^2/\text{NDF}: 229079.5/17$

Left In: 1961.093 ± 1.082 $\chi^2/\text{NDF}: 69.9/1$

Left: 1983.936 ± 0.671 $\chi^2/\text{NDF}: 1250.8/5$

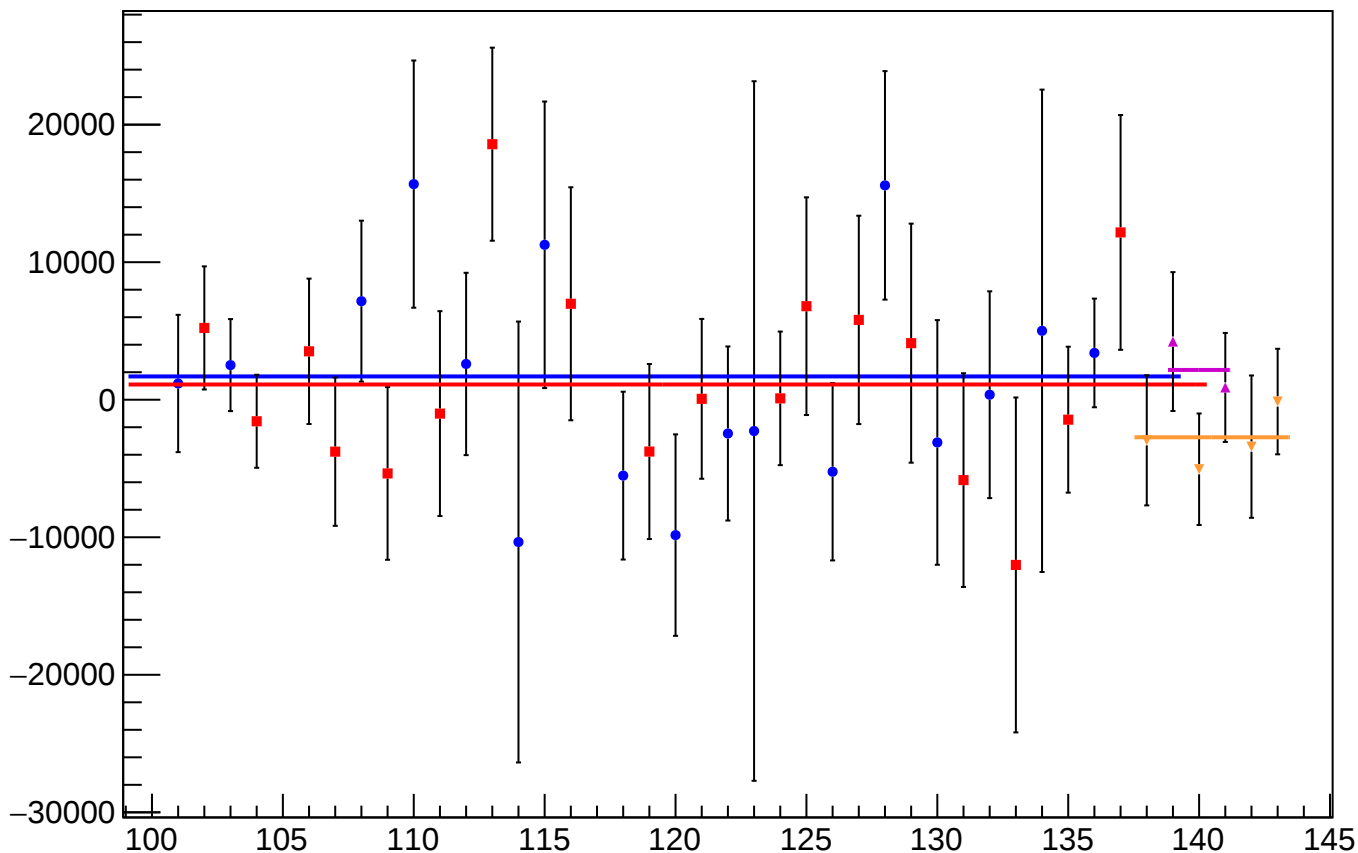
Right: 1932.191 ± 0.378 $\chi^2/\text{NDF}: 846384.9/34$

In: 1933.698 ± 0.483 $\chi^2/\text{NDF}: 617986.2/18$

Out: 1954.115 ± 0.450 $\chi^2/\text{NDF}: 233207.7/21$

All: 1944.632 ± 0.329 $\chi^2/\text{NDF}: 852151.3/40$

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2731.296 $\pm$ 2177.977 χ^2/NDF : 0.8/3

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

Left In: 2166.078 $\pm$ 3116.954 χ^2/NDF : 0.3/1

Left: -1124.606 $\pm$ 1785.315 χ^2/NDF : 2.7/5

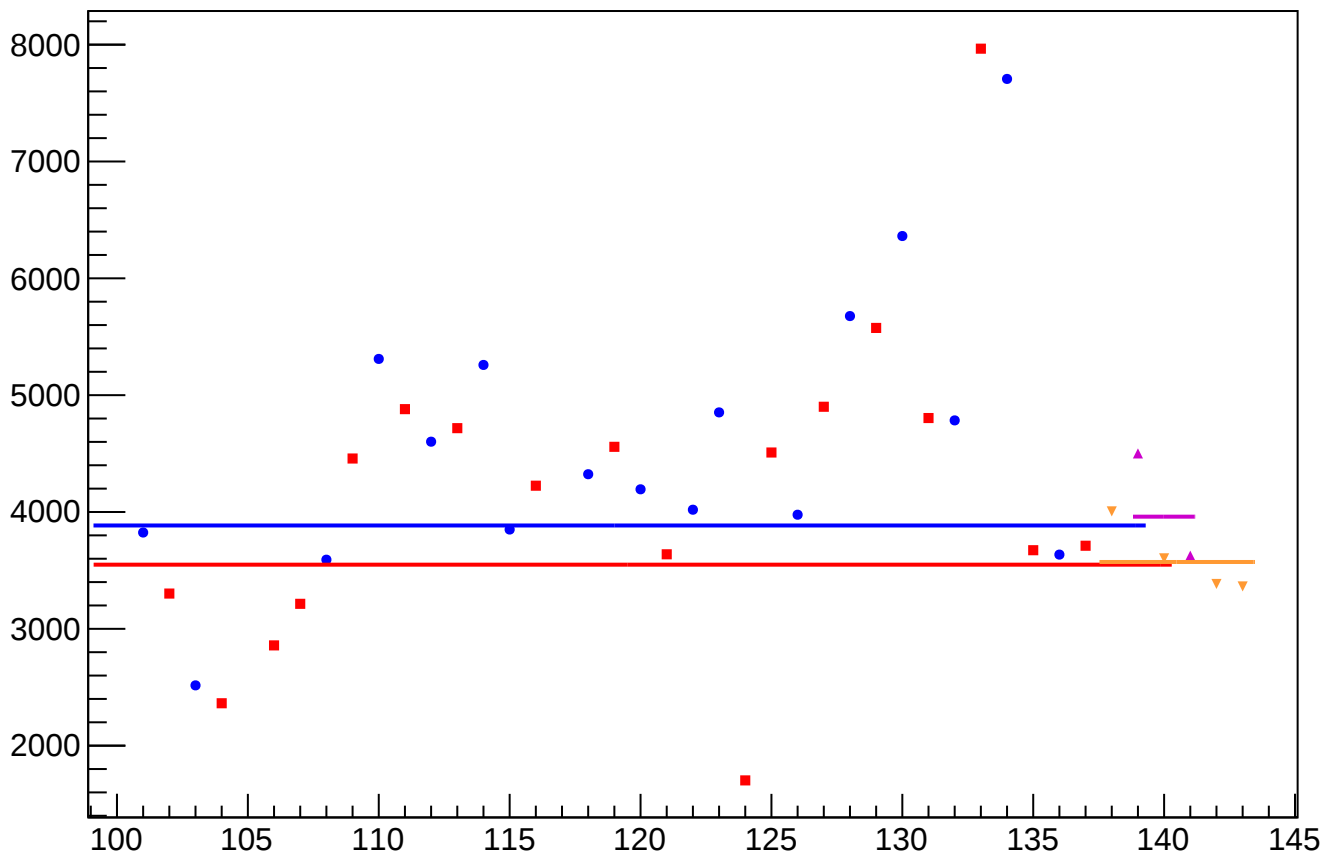
Right: 1373.479 $\pm$ 1044.694 χ^2/NDF : 29.6/34

In: 1787.755 $\pm$ 1389.262 χ^2/NDF : 13.9/18

Out: -28.989 $\pm$ 1185.209 χ^2/NDF : 18.9/21

All: 736.287 $\pm$ 901.667 χ^2/NDF : 33.8/40

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603+/-1.097 χ^2/NDF : 826563.8/16

Left Out: 3572.181+/-1.540 χ^2/NDF : 25468.9/3

Right Out: 3549.133+/-0.999 χ^2/NDF : 1326947.7/17

Left In: 3960.043+/-2.204 χ^2/NDF : 37190.2/1

Left: 3699.428+/-1.262 χ^2/NDF : 83467.9/5

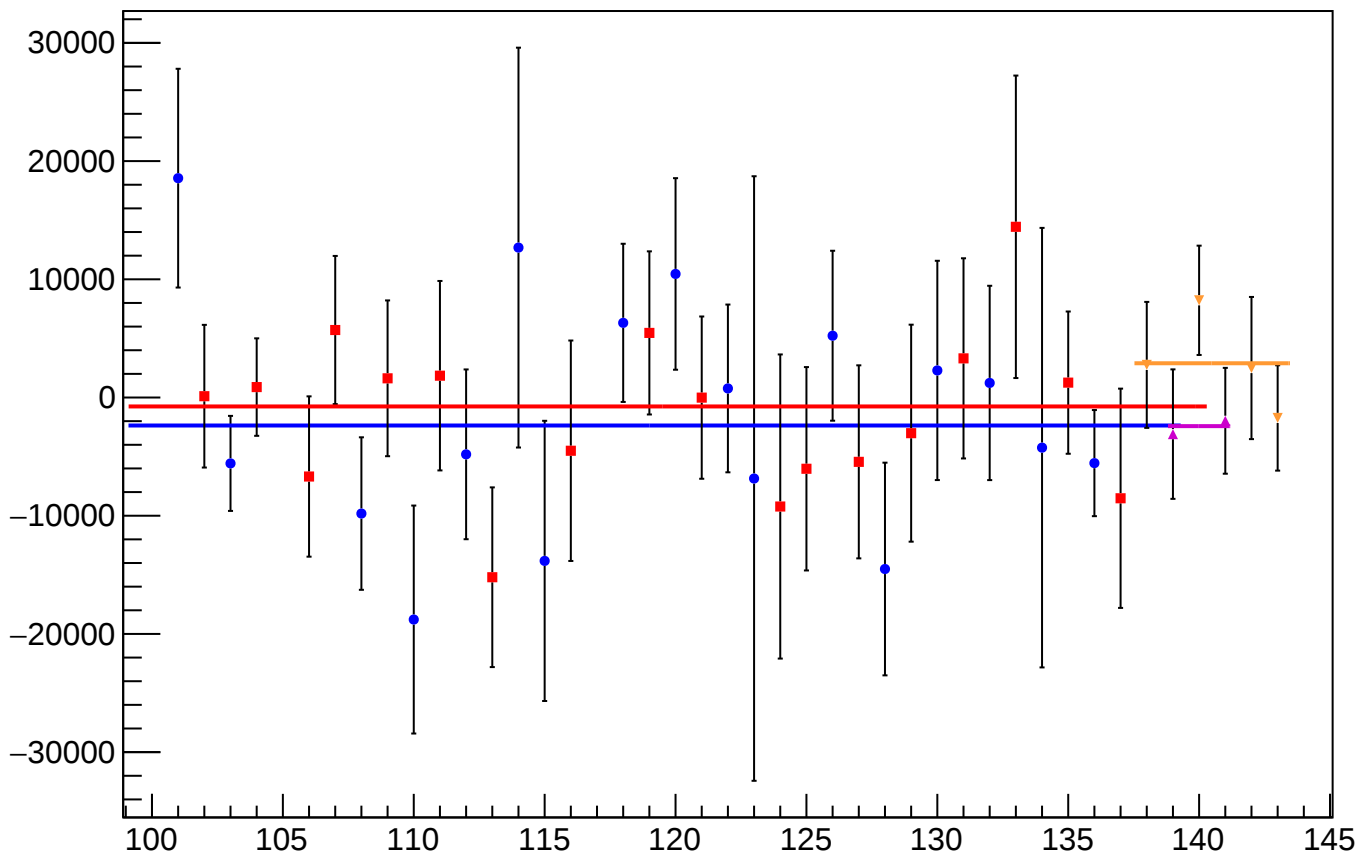
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 3899.590+/-0.982 χ^2/NDF : 864692.8/18

Out: 3555.958+/-0.838 χ^2/NDF : 1352574.3/21

All: 3700.708+/-0.638 χ^2/NDF : 2288086.0/40

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 $\pm$ 1801.942 χ^2 /NDF: 20.1/16

Left Out: 2898.096 $\pm$ 2499.936 χ^2 /NDF: 2.4/3

Right Out: -755.757 $\pm$ 1693.103 χ^2 /NDF: 10.5/17

Left In: -2420.359 $\pm$ 3466.238 χ^2 /NDF: 0.0/1

Left: 1078.245 $\pm$ 2027.606 χ^2 /NDF: 4.0/5

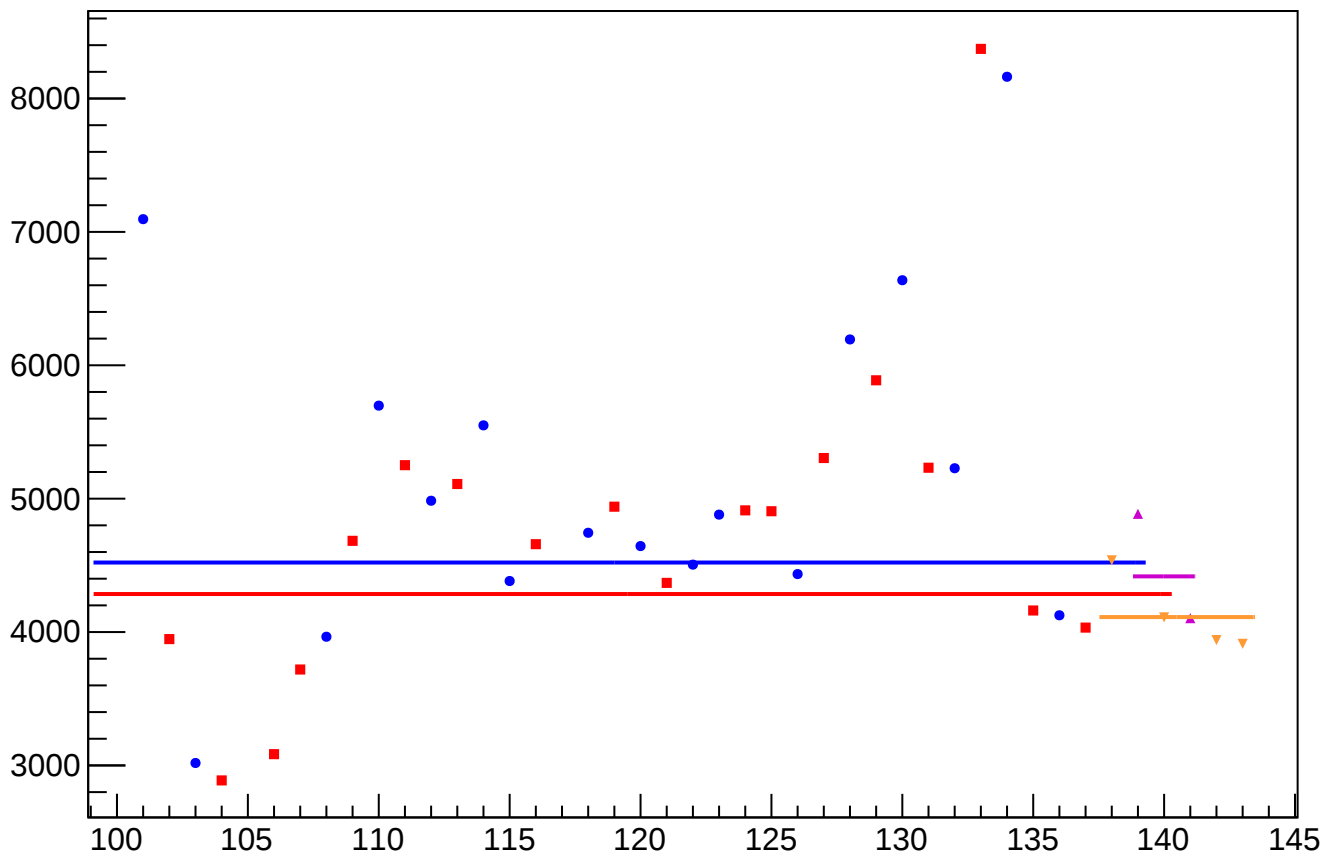
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -2378.767 $\pm$ 1598.808 χ^2 /NDF: 20.2/18

Out: 393.190 $\pm$ 1401.856 χ^2 /NDF: 14.4/21

All: -811.628 $\pm$ 1054.057 χ^2 /NDF: 36.2/40

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: 4285.069+/-1.191 χ^2/NDF : 746400.9/17

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

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

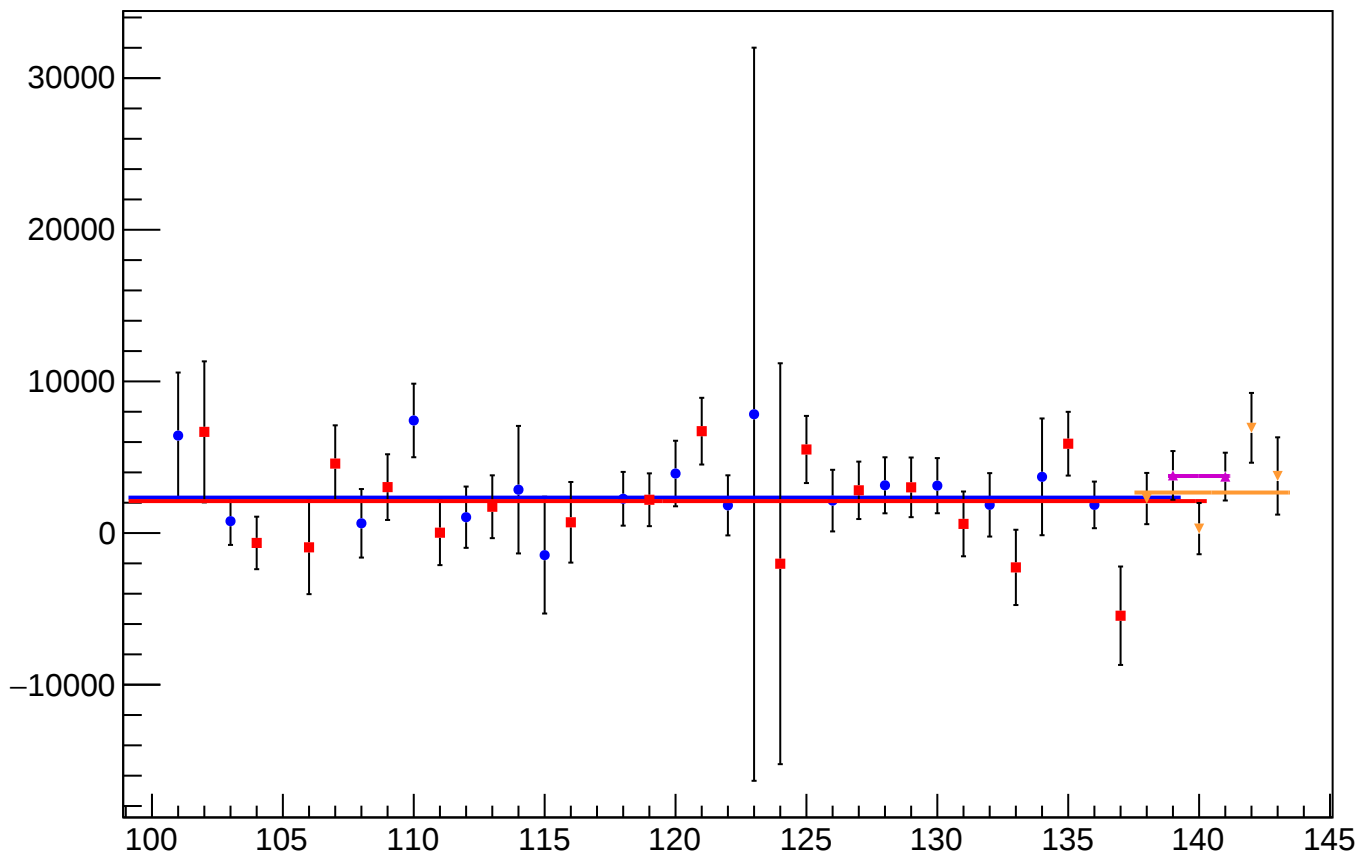
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

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

Out: 4231.172+/-0.987 χ^2/NDF : 771412.5/21

All: 4347.144+/-0.744 χ^2/NDF : 1607840.3/40

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 2672.231+/-978.951 χ^2/NDF : 5.7/3

Right Out: 2107.117+/-539.611 χ^2/NDF : 26.4/17

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

Left: 3142.017+/-738.345 χ^2/NDF : 6.2/5

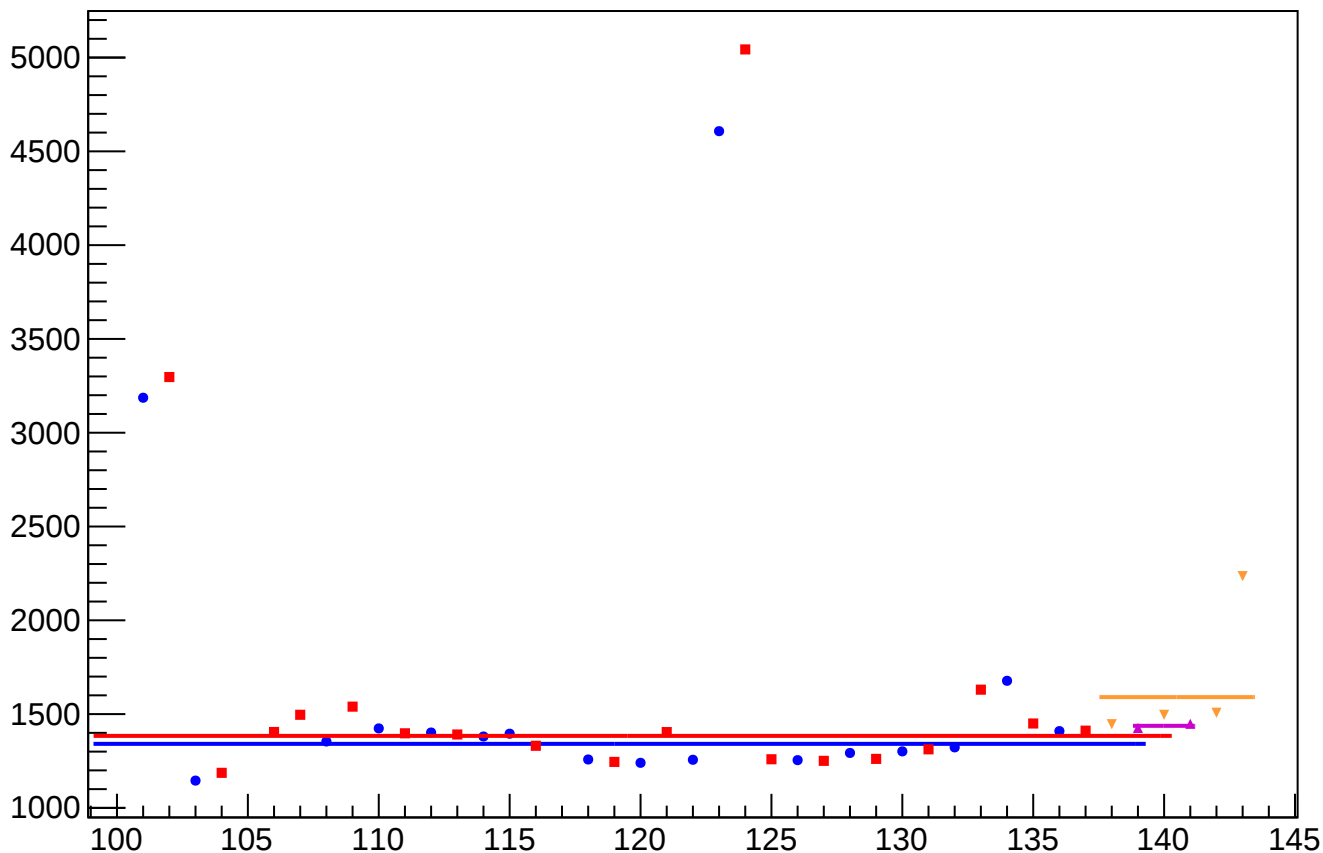
Right: 2223.866+/-378.529 χ^2/NDF : 36.1/34

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

Out: 2238.807+/-472.573 χ^2/NDF : 32.3/21

All: 2414.961+/-336.842 χ^2/NDF : 43.5/40

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1590.515 $\pm$ 0.692 χ^2/NDF : 151539.2/3

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

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

Left: 1524.534 $\pm$ 0.522 χ^2/NDF : 172802.1/5

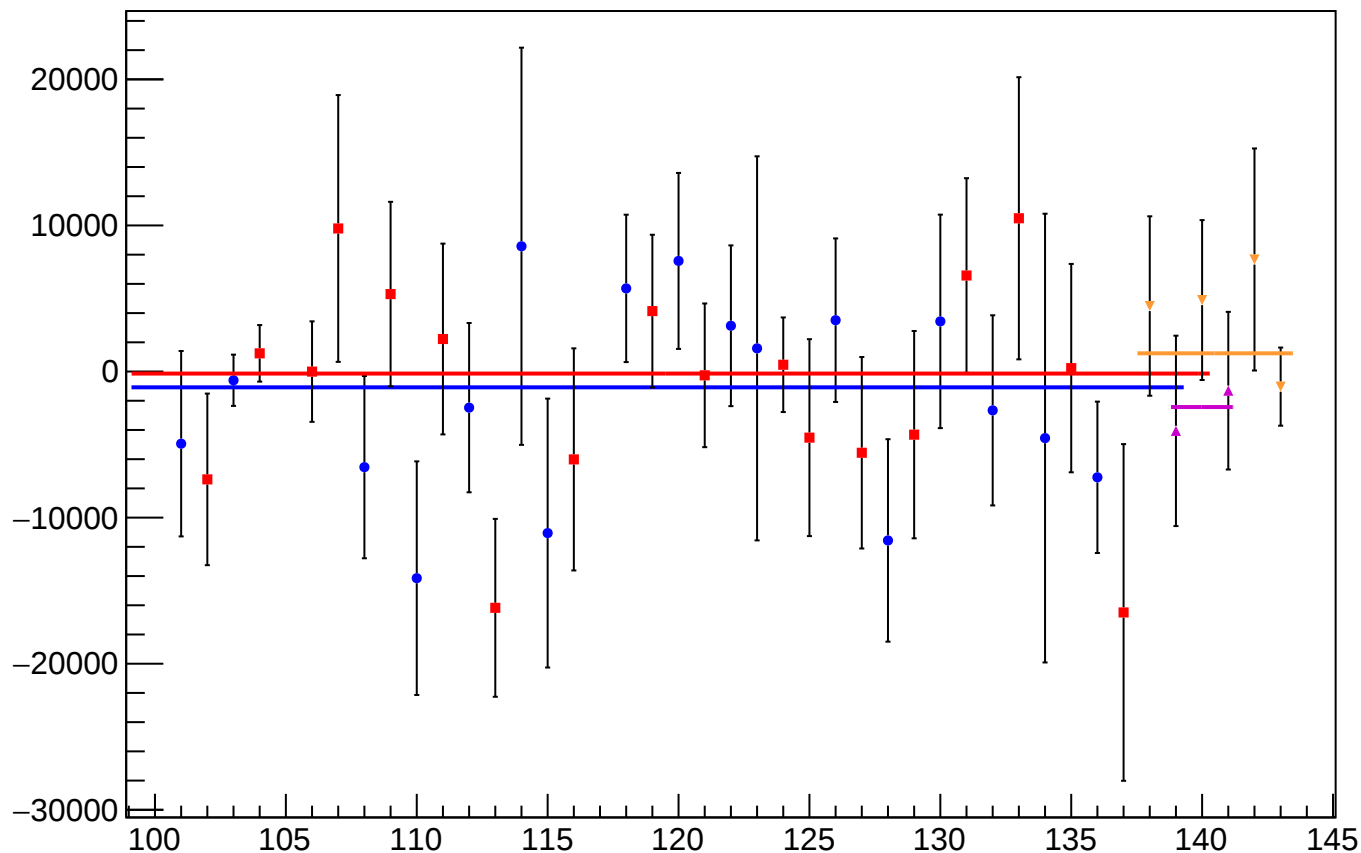
Right: 1362.318 $\pm$ 0.268 χ^2/NDF : 1104435.3/34

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

Out: 1432.026 $\pm$ 0.334 χ^2/NDF : 813718.6/21

All: 1396.068 $\pm$ 0.238 χ^2/NDF : 1353690.7/40

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

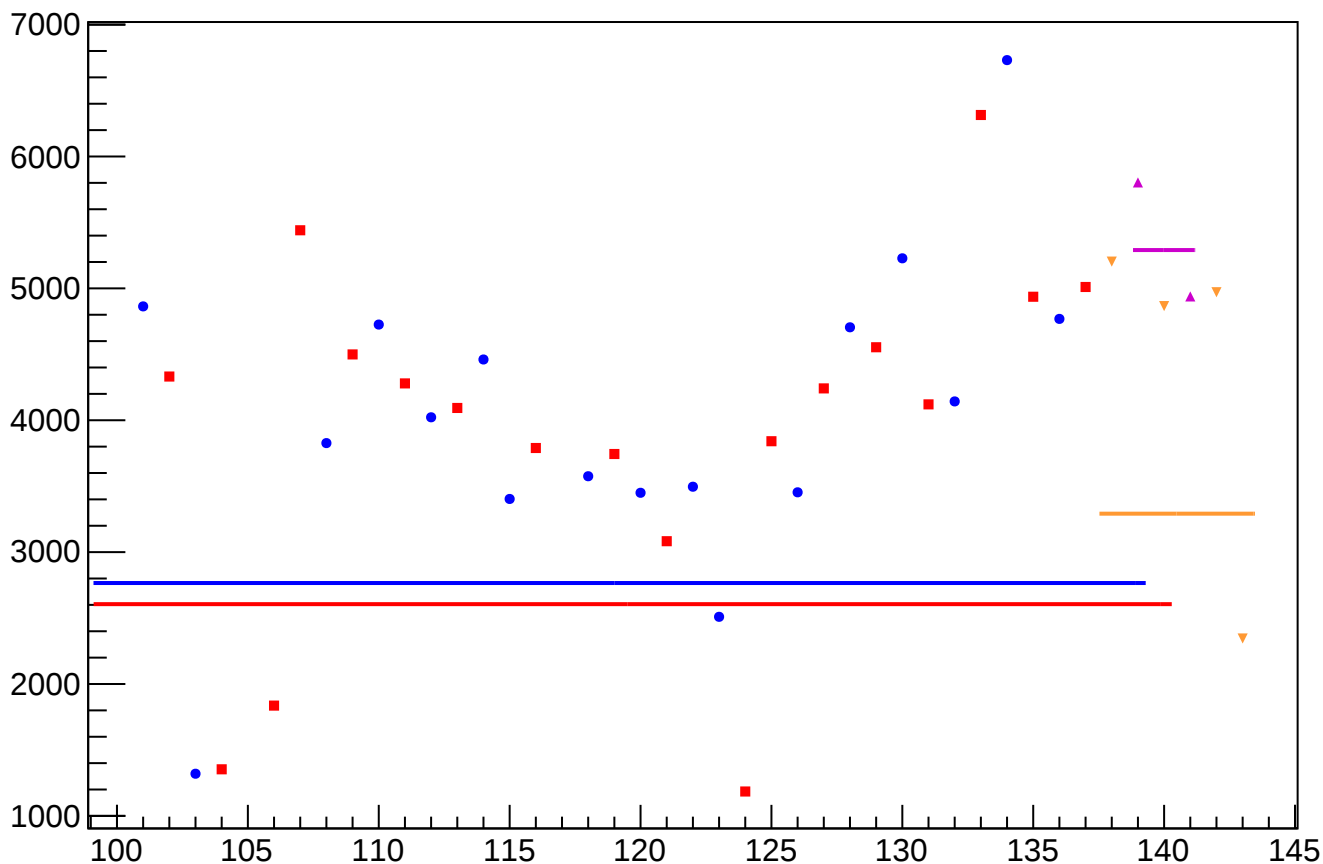
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

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

Out: 161.517+/-999.439 χ^2/NDF : 20.5/21

All: -410.772+/-758.239 χ^2/NDF : 36.5/40

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3291.597 $\pm$ 1.518 χ^2 /NDF: 707260.7/3

Right Out: 2605.528 $\pm$ 0.799 χ^2 /NDF: 3322334.9/17

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

Left: 3712.556 $\pm$ 1.349 χ^2 /NDF: 1093391.3/5

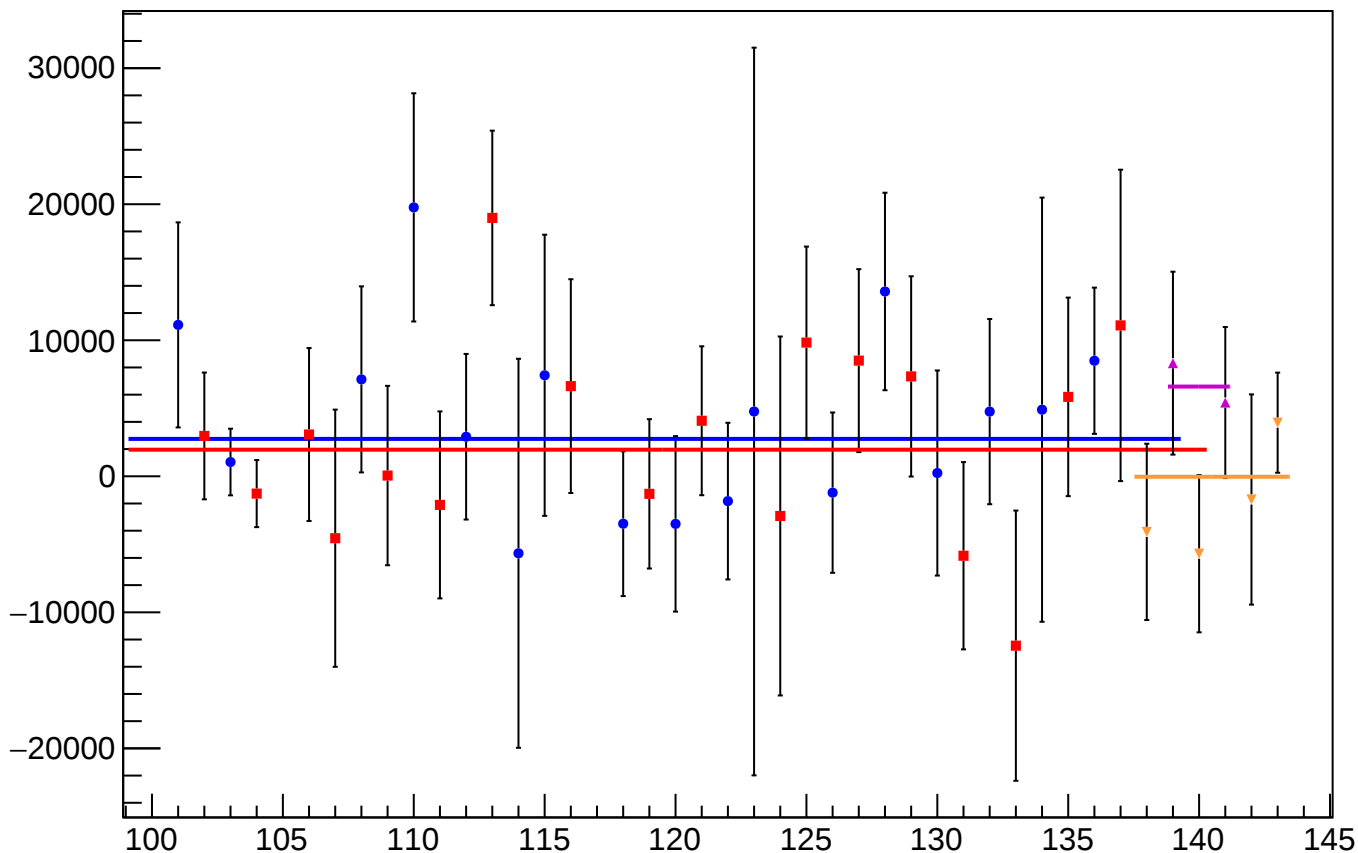
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

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

Out: 2754.259 $\pm$ 0.707 χ^2 /NDF: 4189612.9/21

All: 2843.173 $\pm$ 0.536 χ^2 /NDF: 7867128.8/40

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280+/-1446.638 χ^2/NDF : 13.8/16

Left Out: -33.330+/-2632.026 χ^2/NDF : 2.6/3

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

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

Left: 1785.201+/-2242.112 χ^2/NDF : 4.4/5

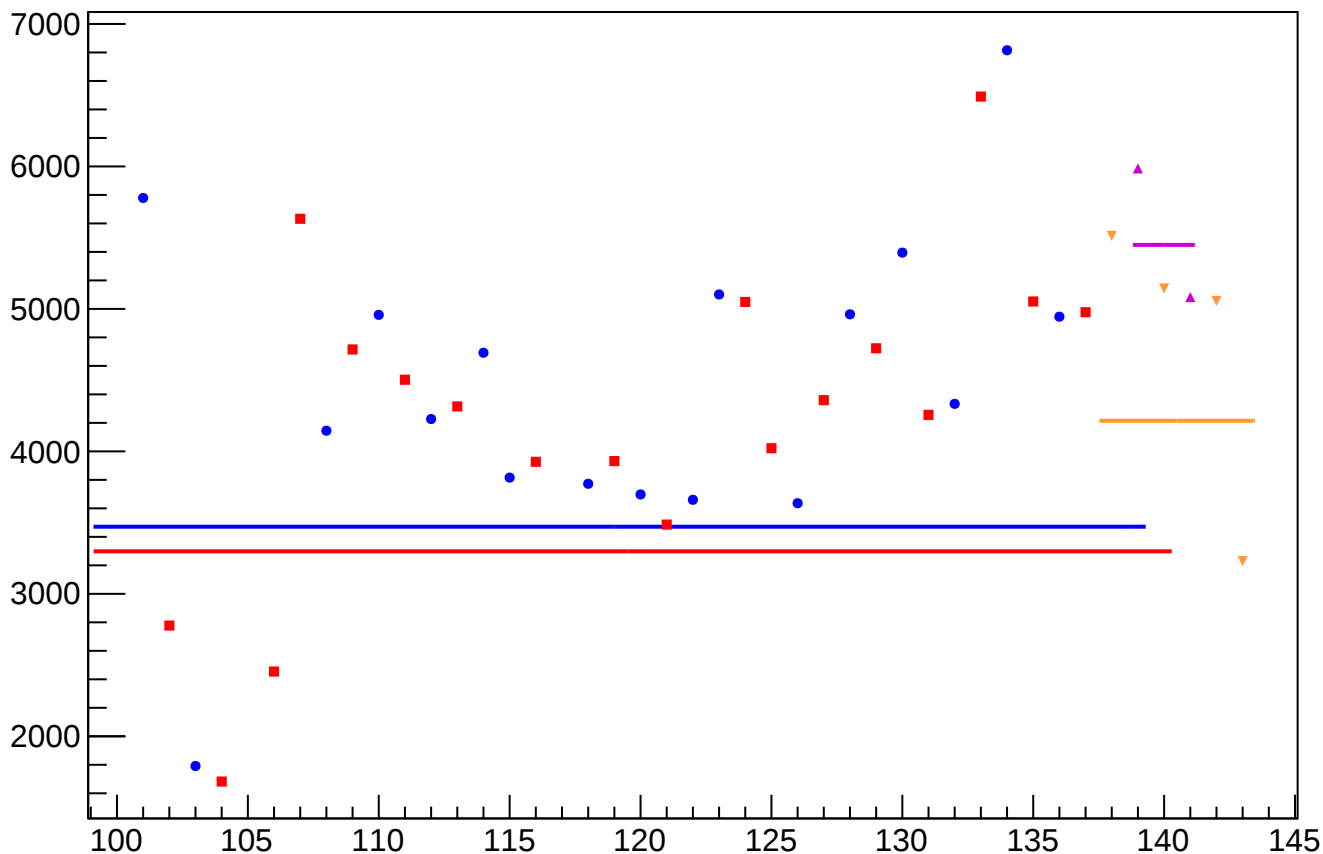
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

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

Out: 1524.891+/-1225.180 χ^2/NDF : 20.8/21

All: 2243.472+/-913.403 χ^2/NDF : 36.2/40

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

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

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

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

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

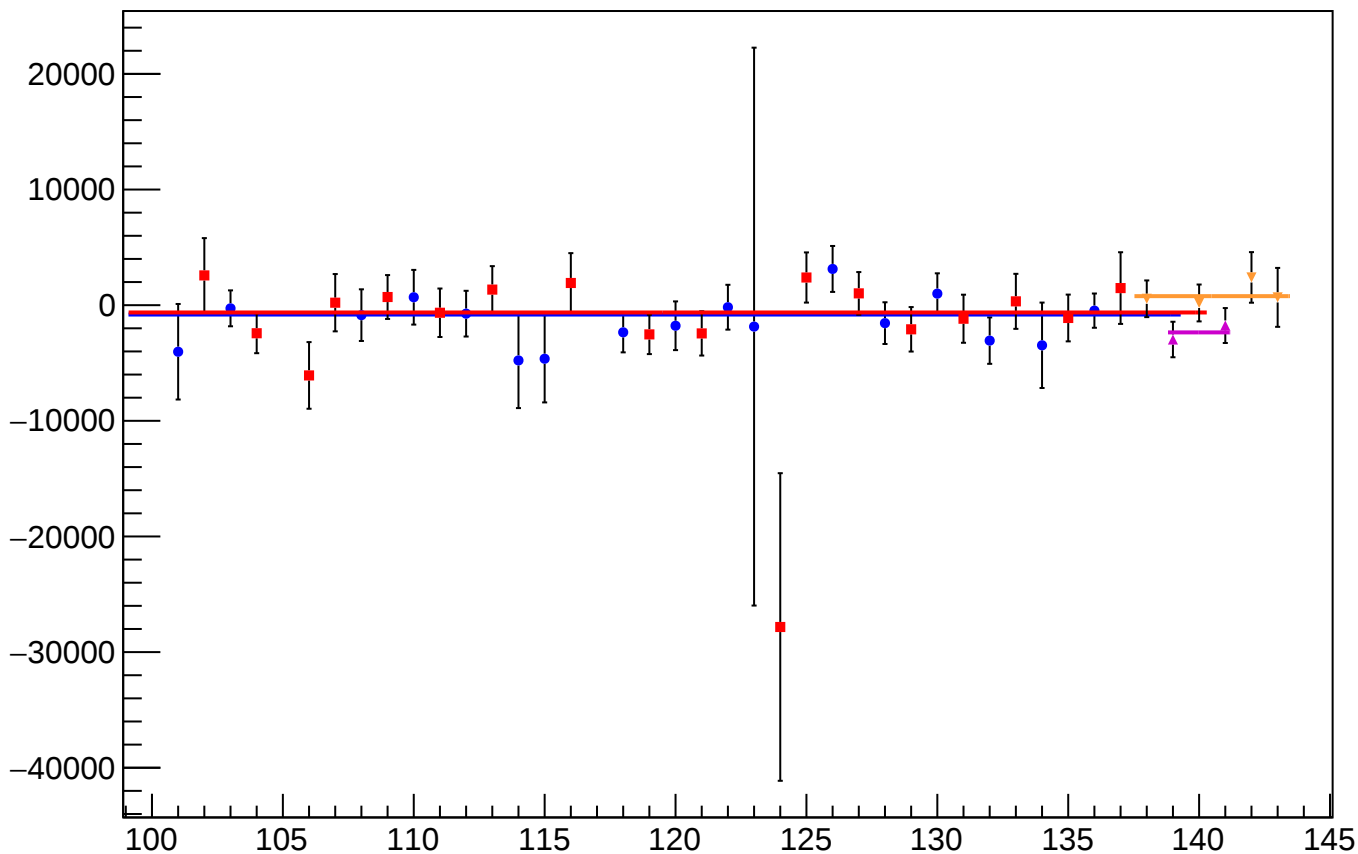
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

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

Out: 3494.299+/-0.860 χ^2/NDF : 2375509.9/21

All: 3573.444+/-0.643 χ^2/NDF : 4567419.5/40

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: 781.048+/-930.954 χ^2/NDF : 0.7/3

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

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

Left: -560.133+/-704.165 χ^2/NDF : 5.9/5

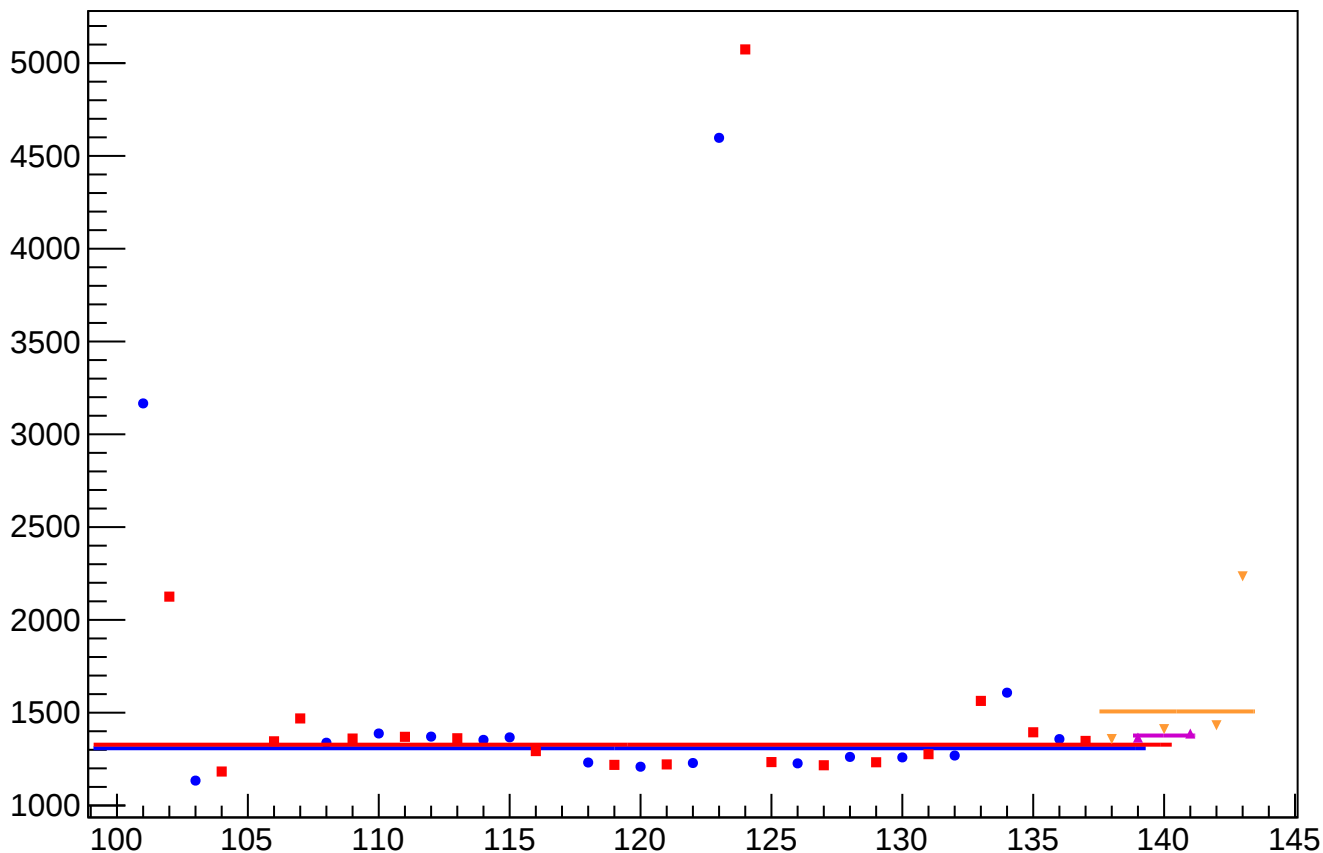
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

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

Out: -299.932+/-450.596 χ^2/NDF : 21.0/21

All: -685.531+/-324.234 χ^2/NDF : 35.7/40

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1327.647+/-0.364 χ^2/NDF : 357330.6/17

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

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

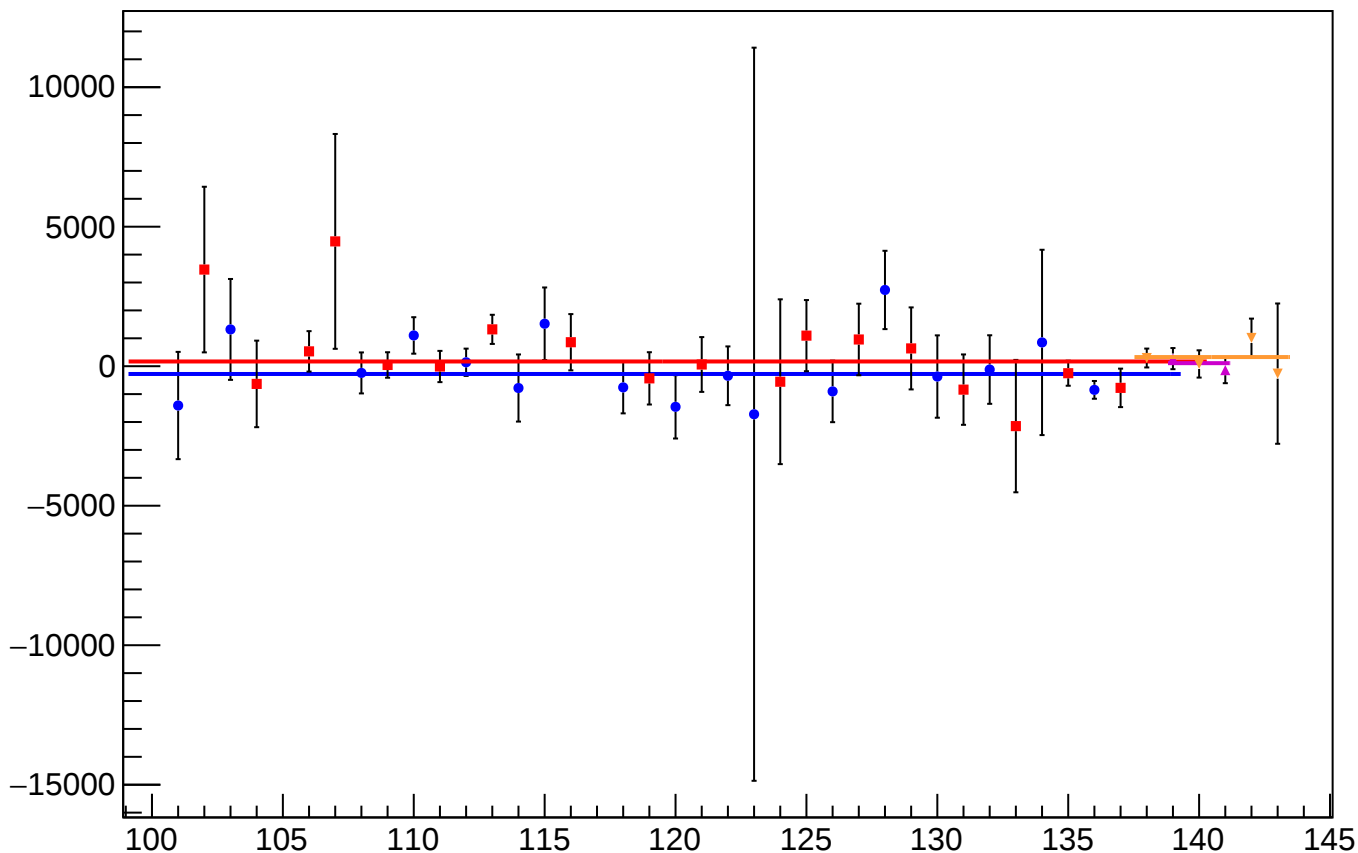
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

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

Out: 1369.587+/-0.319 χ^2/NDF :604267.5/21

All: 1346.286+/-0.229 χ^2/NDF : 1128701.0/40

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 327.878+/-256.757 χ^2/NDF : 1.3/3

Right Out: 169.608+/-192.488 χ^2/NDF : 14.4/17

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

Left: 233.490+/-193.566 χ^2/NDF : 2.1/5

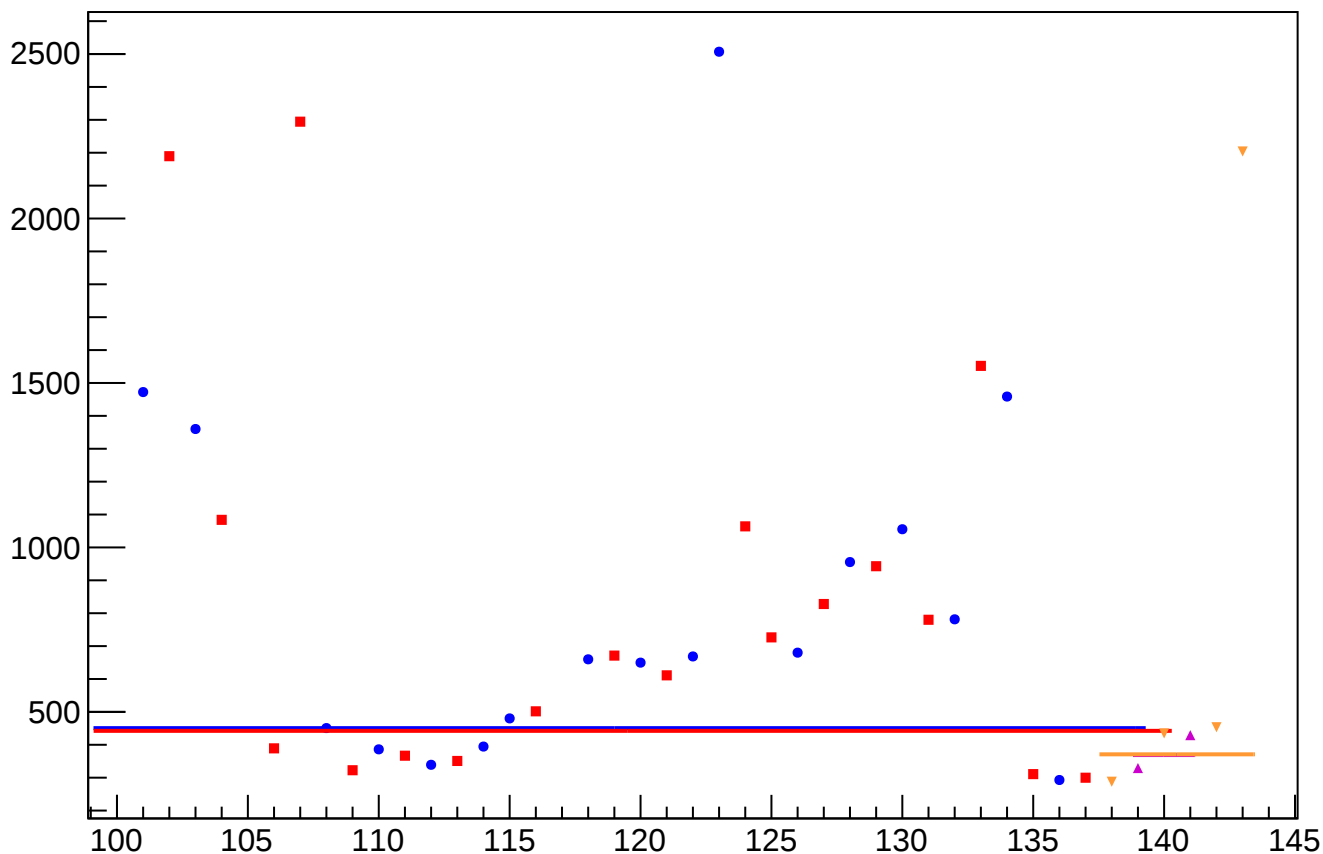
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

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

Out: 226.555+/-154.013 χ^2/NDF : 15.9/21

All: 46.857+/-112.399 χ^2/NDF : 38.5/40

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

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

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

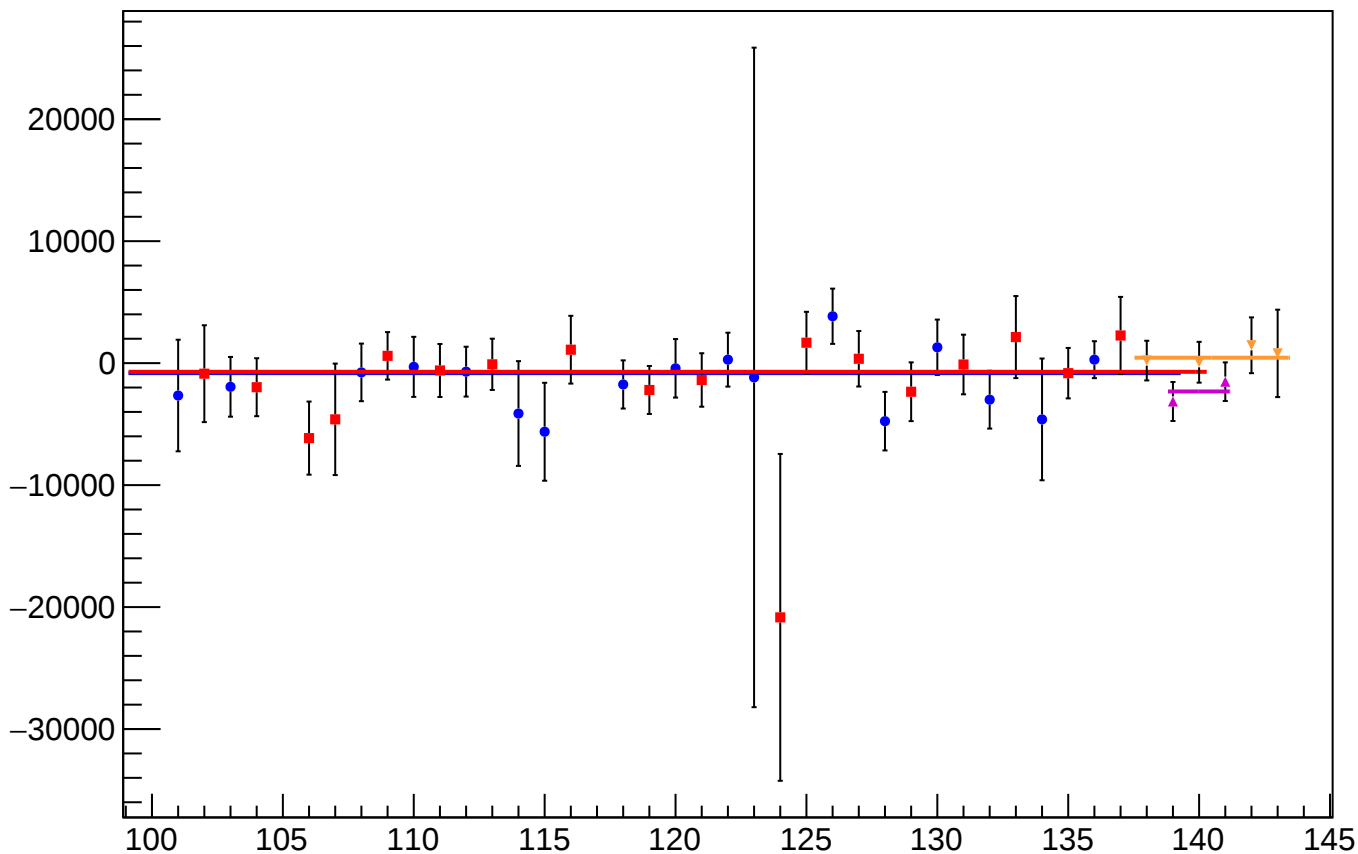
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

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

Out: 416.679+/-0.109 χ^2/NDF :4713658.6/21

All: 420.622+/-0.079 χ^2/NDF : 7875498.1/40

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110+/-601.150 χ^2/NDF : 12.7/16

Left Out: 445.265+/-997.645 χ^2/NDF : 0.3/3

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

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

Left: -774.403+/-746.148 χ^2/NDF : 4.2/5

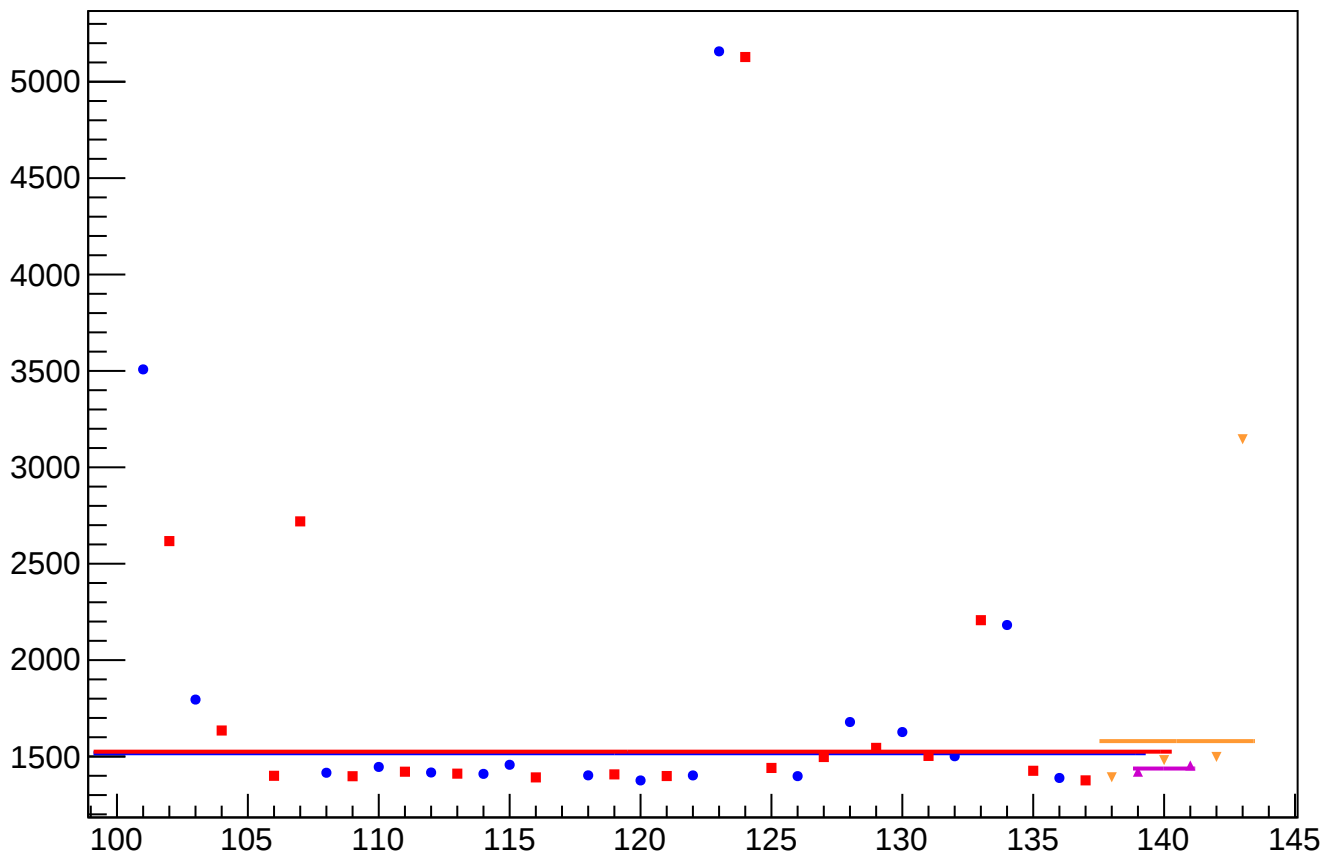
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

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

Out: -406.545+/-511.691 χ^2/NDF : 12.7/21

All: -766.088+/-368.157 χ^2/NDF : 28.3/40

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1525.099 +/- 0.421 χ^2/NDF : 571929.2/17

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

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

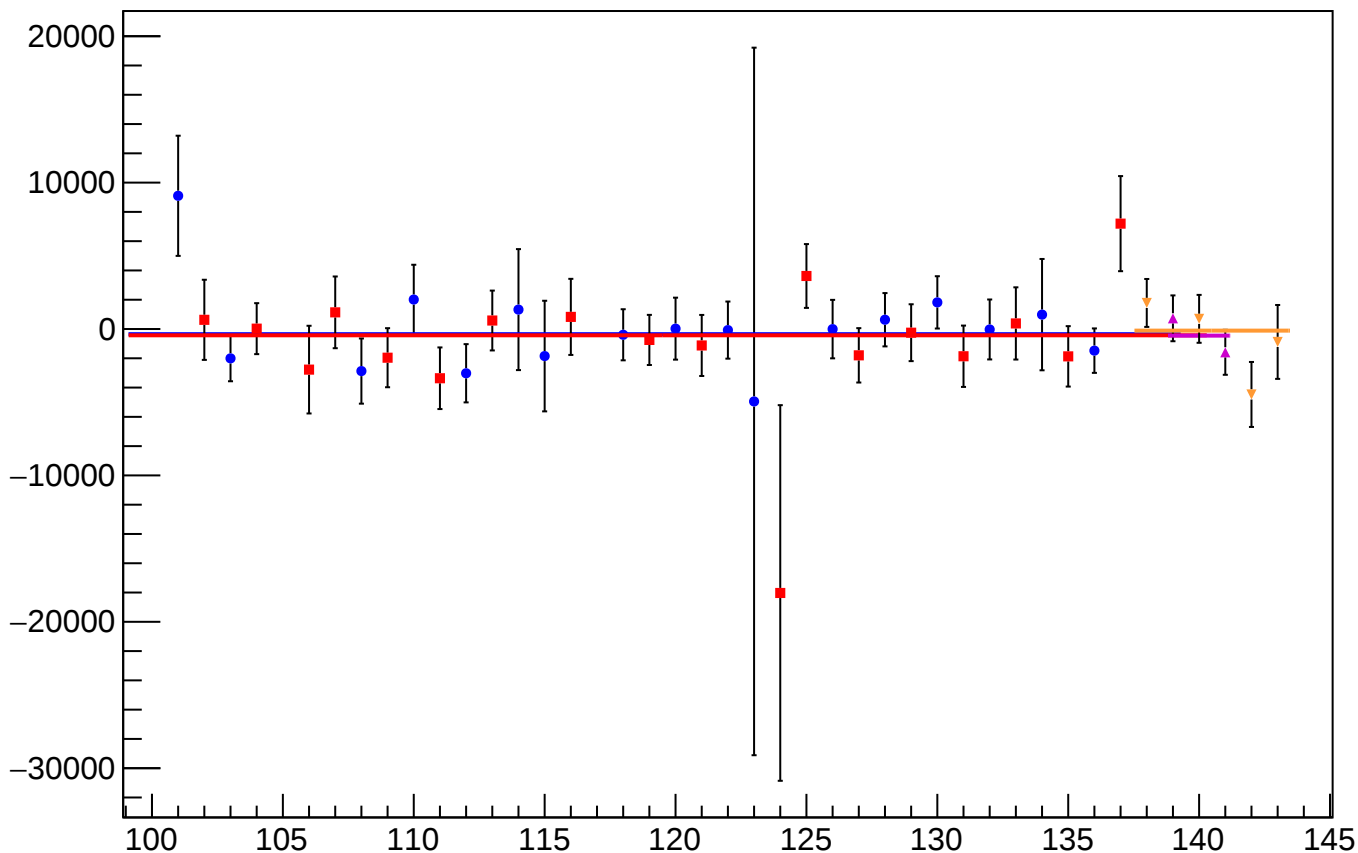
Right: 1521.052 +/- 0.299 χ^2/NDF : 1113154.8/34

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

Out: 1539.497 +/- 0.362 χ^2/NDF : 994317.9/21

All: 1520.104 +/- 0.260 χ^2/NDF : 1549471.9/40

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

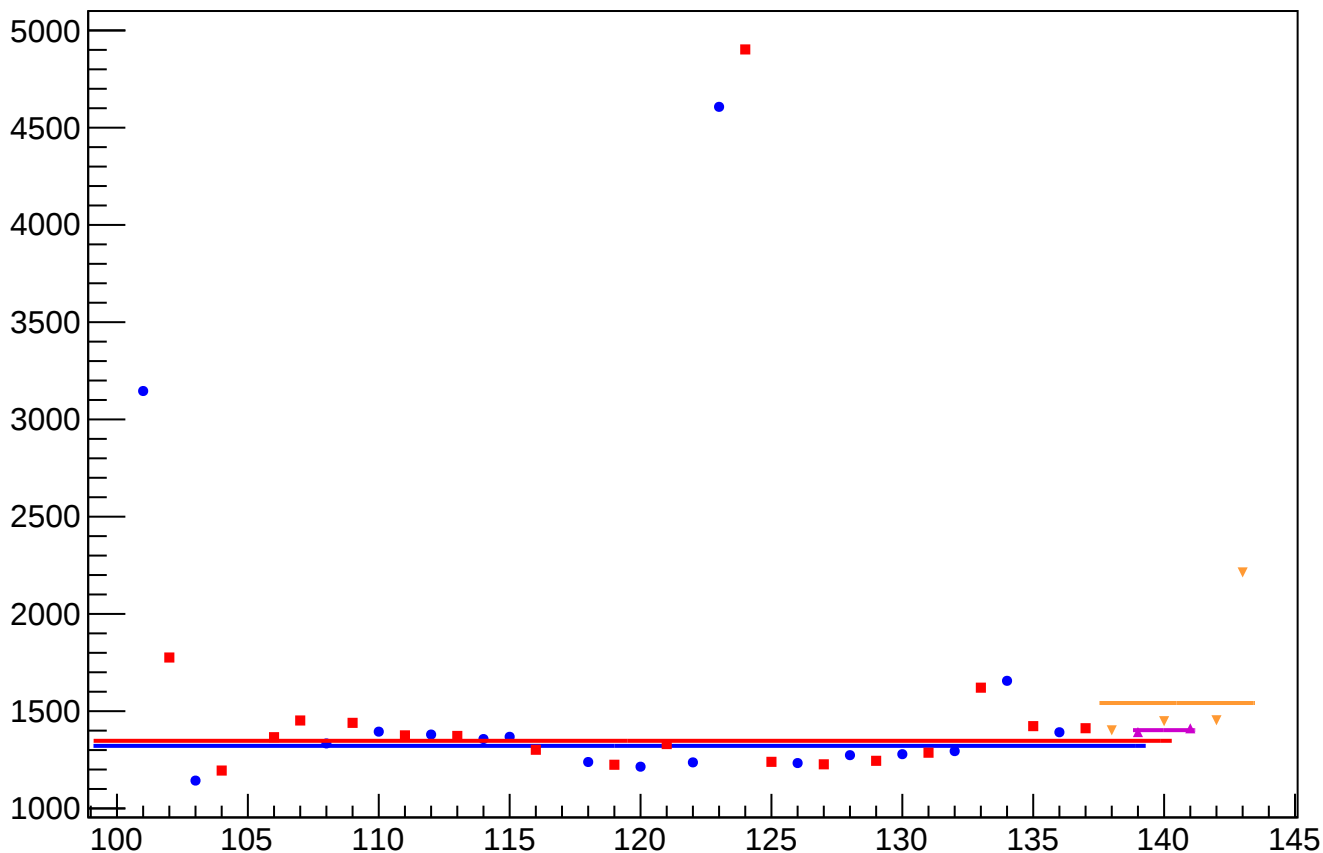
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

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

Out: -355.190+/-457.779 χ^2/NDF : 22.5/21

All: -363.075+/-328.705 χ^2/NDF : 37.0/40

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

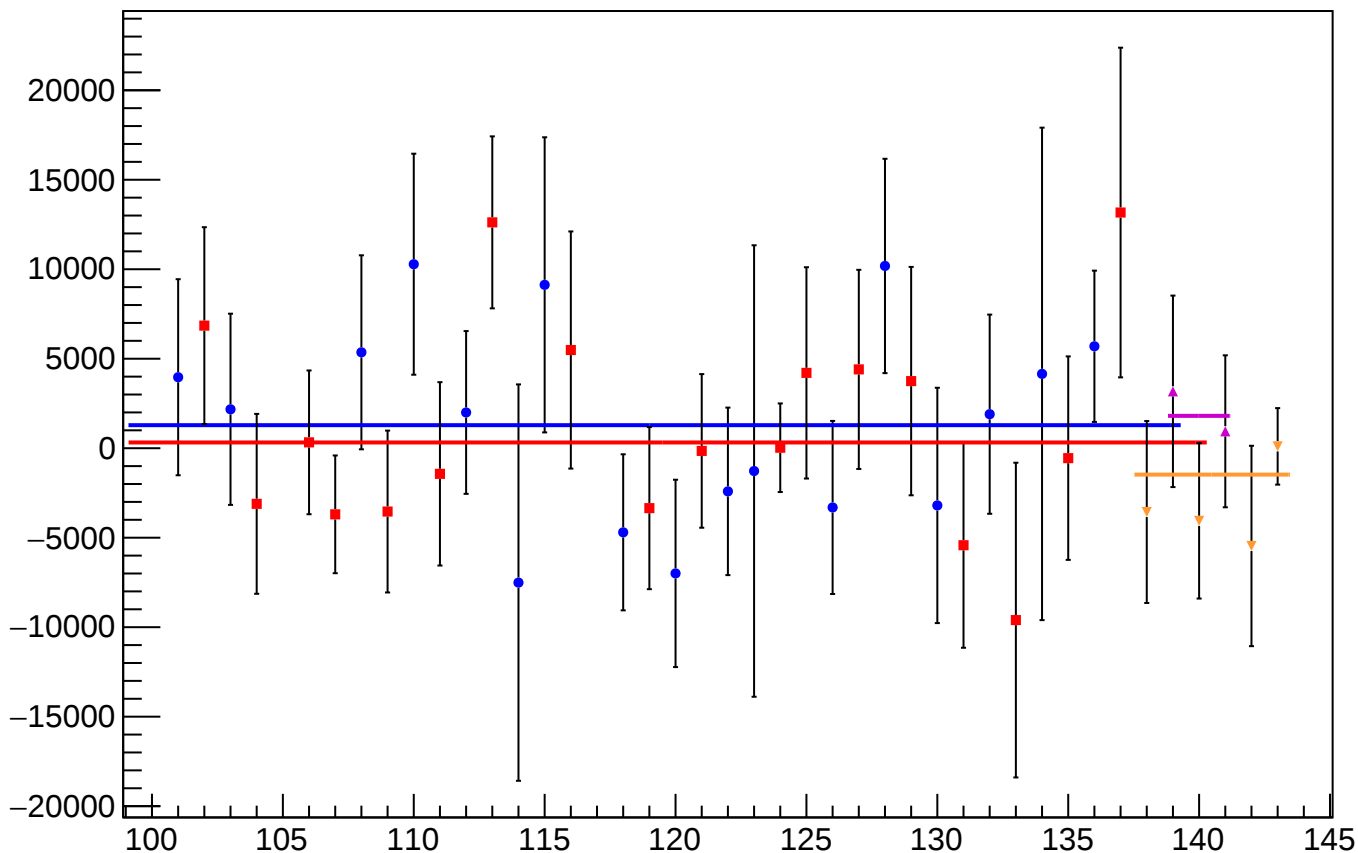
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

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

Out: 1392.690+/-0.324 χ^2/NDF :516566.6/21

All: 1365.573+/-0.232 χ^2/NDF : 1042308.4/40

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1287.495+/-1375.853 χ^2/NDF : 14.3/16

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

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

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

Left: -788.771+/-1519.911 χ^2/NDF : 2.5/5

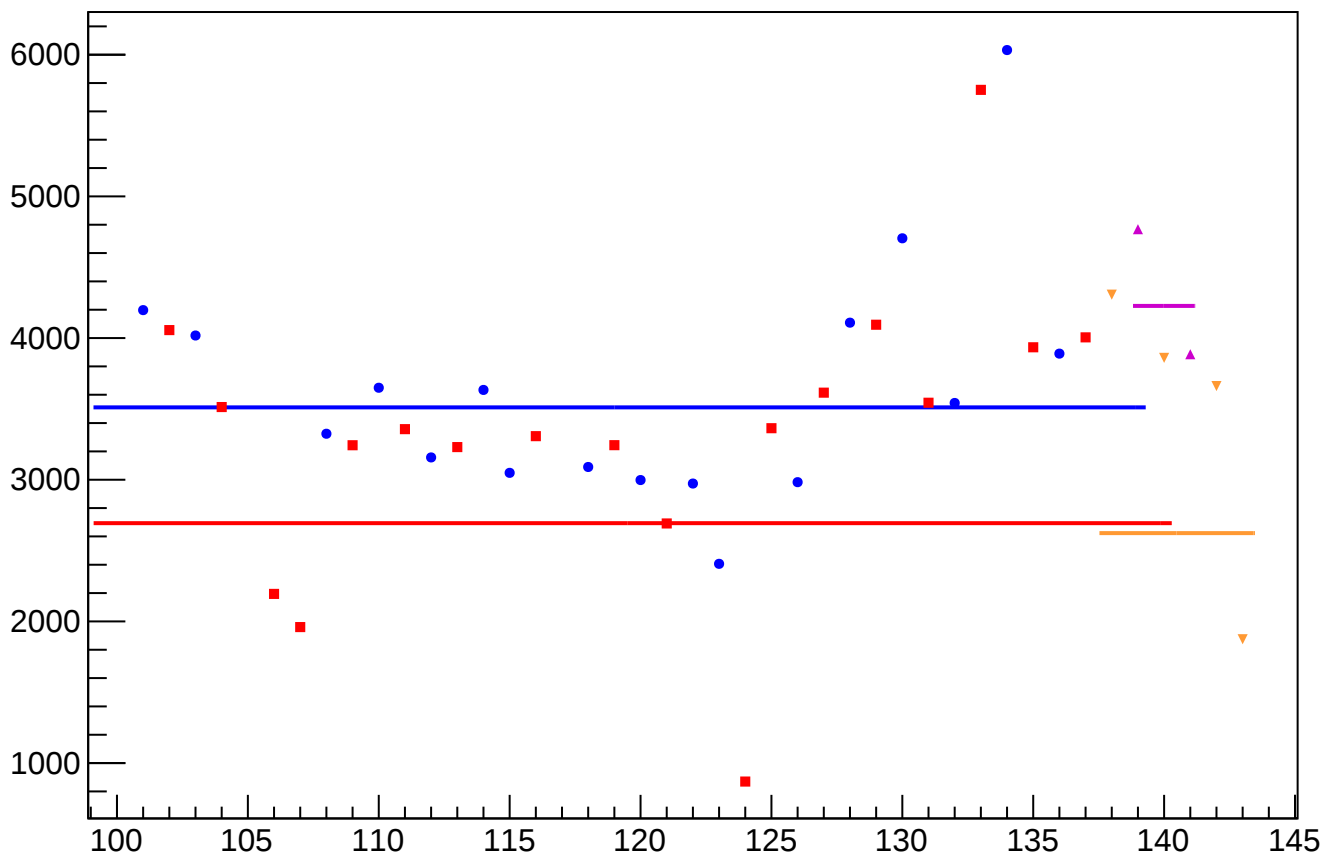
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

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

Out: -208.417+/-928.242 χ^2/NDF : 19.9/21

All: 338.194+/-749.685 χ^2/NDF : 35.3/40

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 2623.230+/-1.208 χ^2/NDF : 695964.5/3

Right Out: 2693.503+/-0.782 χ^2/NDF : 2125842.2/17

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

Left: 2958.207+/-1.075 χ^2/NDF : 1097312.4/5

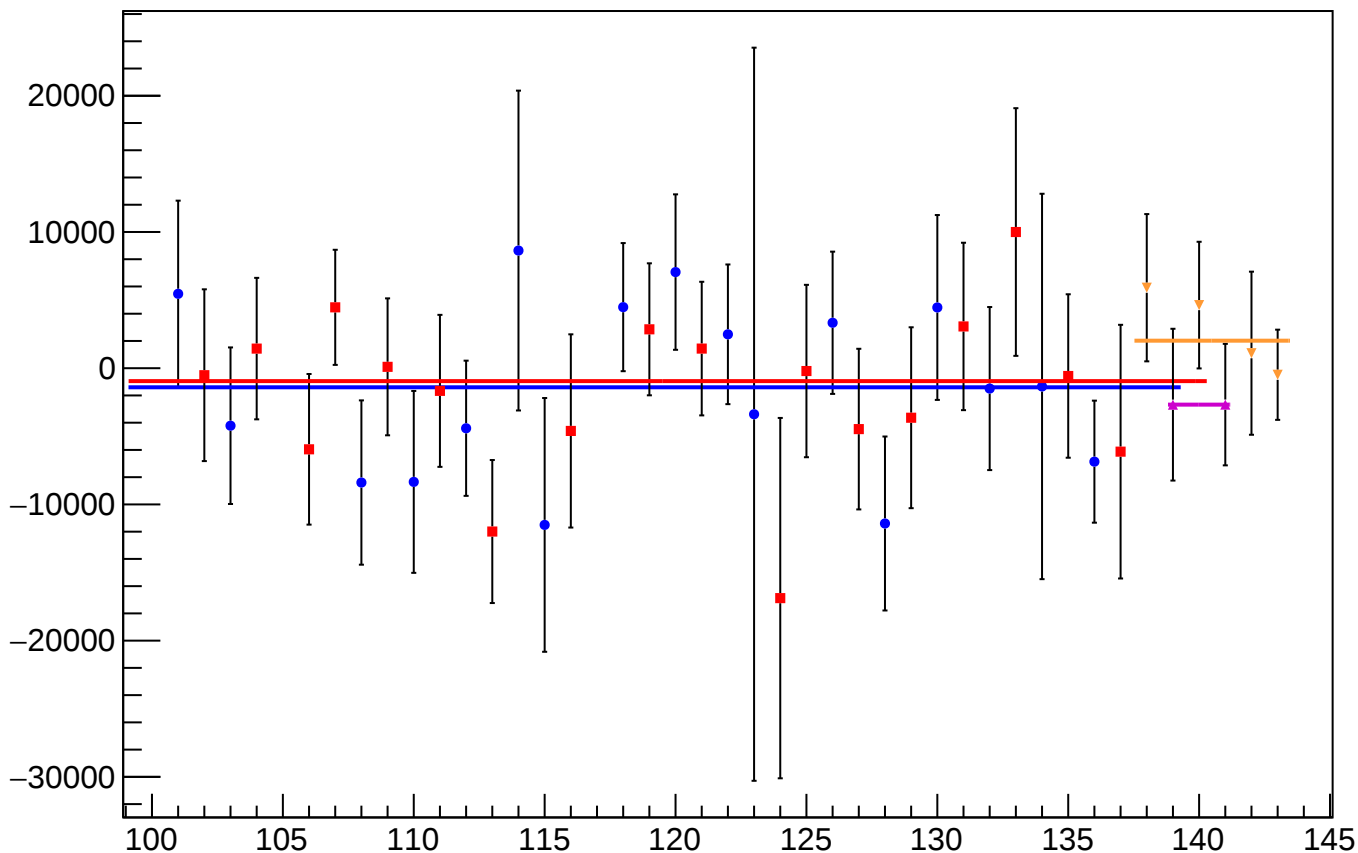
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

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

Out: 2672.767+/-0.656 χ^2/NDF : 2824190.9/21

All: 3000.559+/-0.530 χ^2/NDF : 3998097.9/40

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

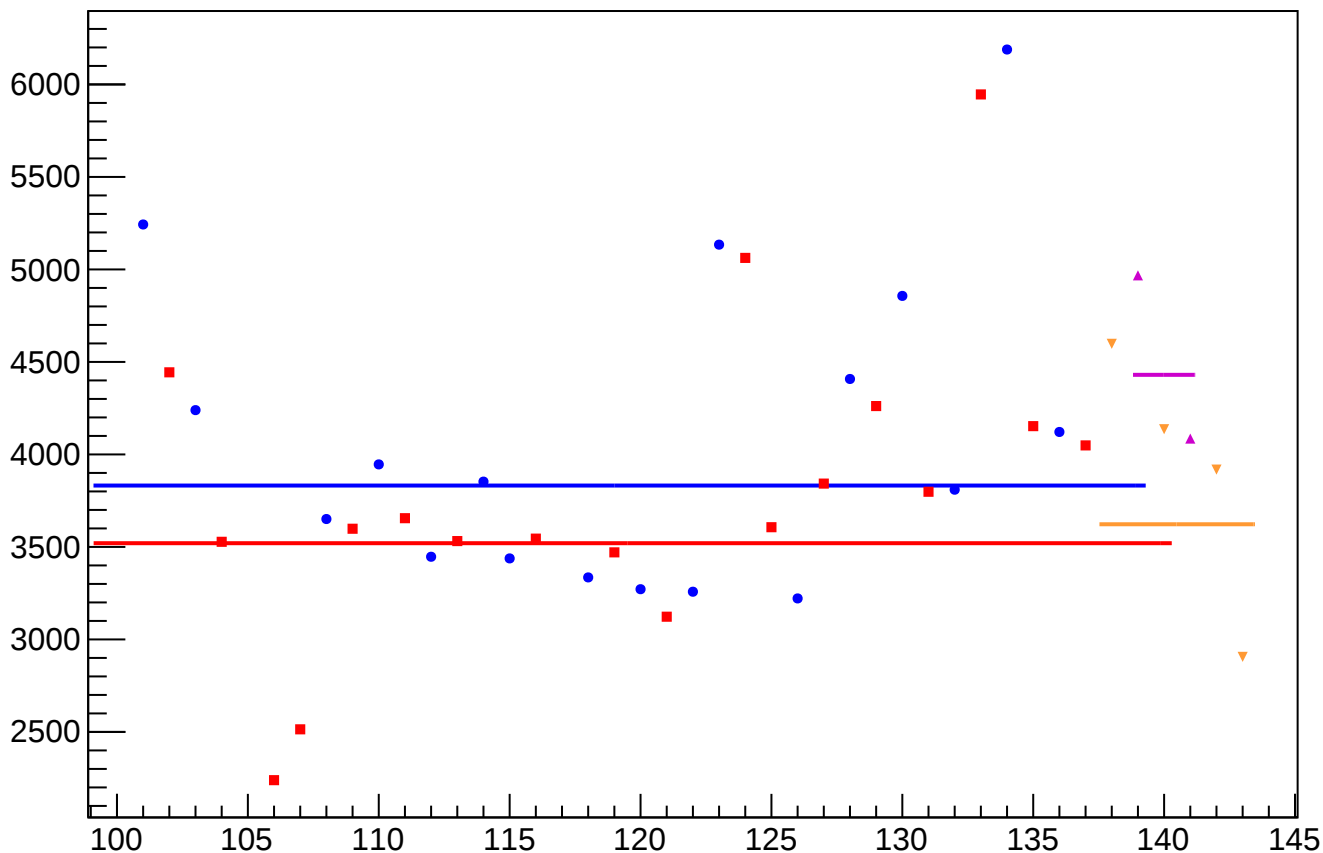
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

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

Out: -127.957+/-1176.319 χ^2/NDF : 15.2/21

All: -747.714+/-895.440 χ^2/NDF : 31.7/40

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

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

Right Out: 3520.188+/-0.969 χ^2/NDF : 544143.8/17

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

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

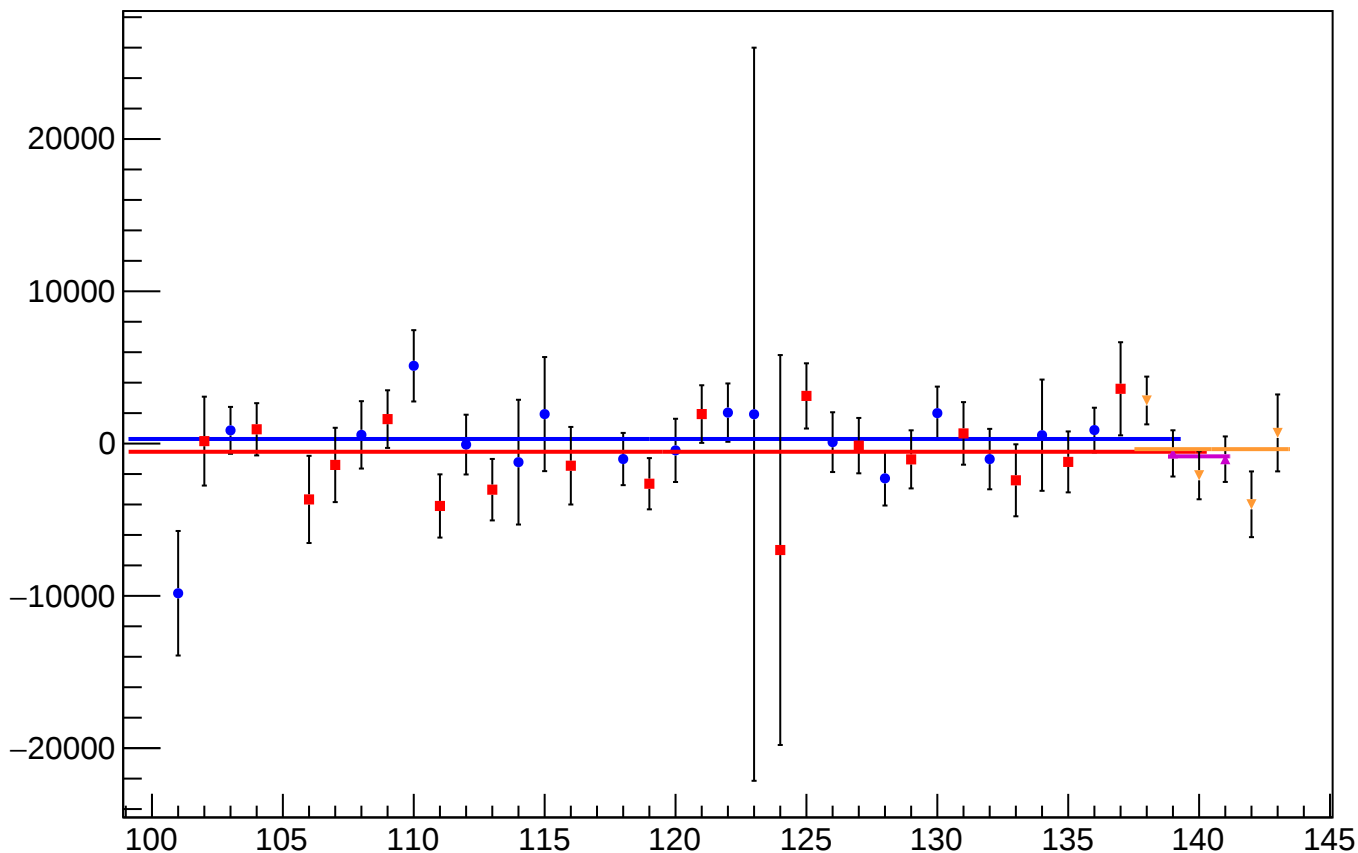
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

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

Out: 3548.086+/-0.826 χ^2/NDF :735371.1/21

All: 3705.766+/-0.631 χ^2/NDF : 1240709.9/40

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -537.727 $\pm$ 508.684 χ^2 /NDF: 17.5/17

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

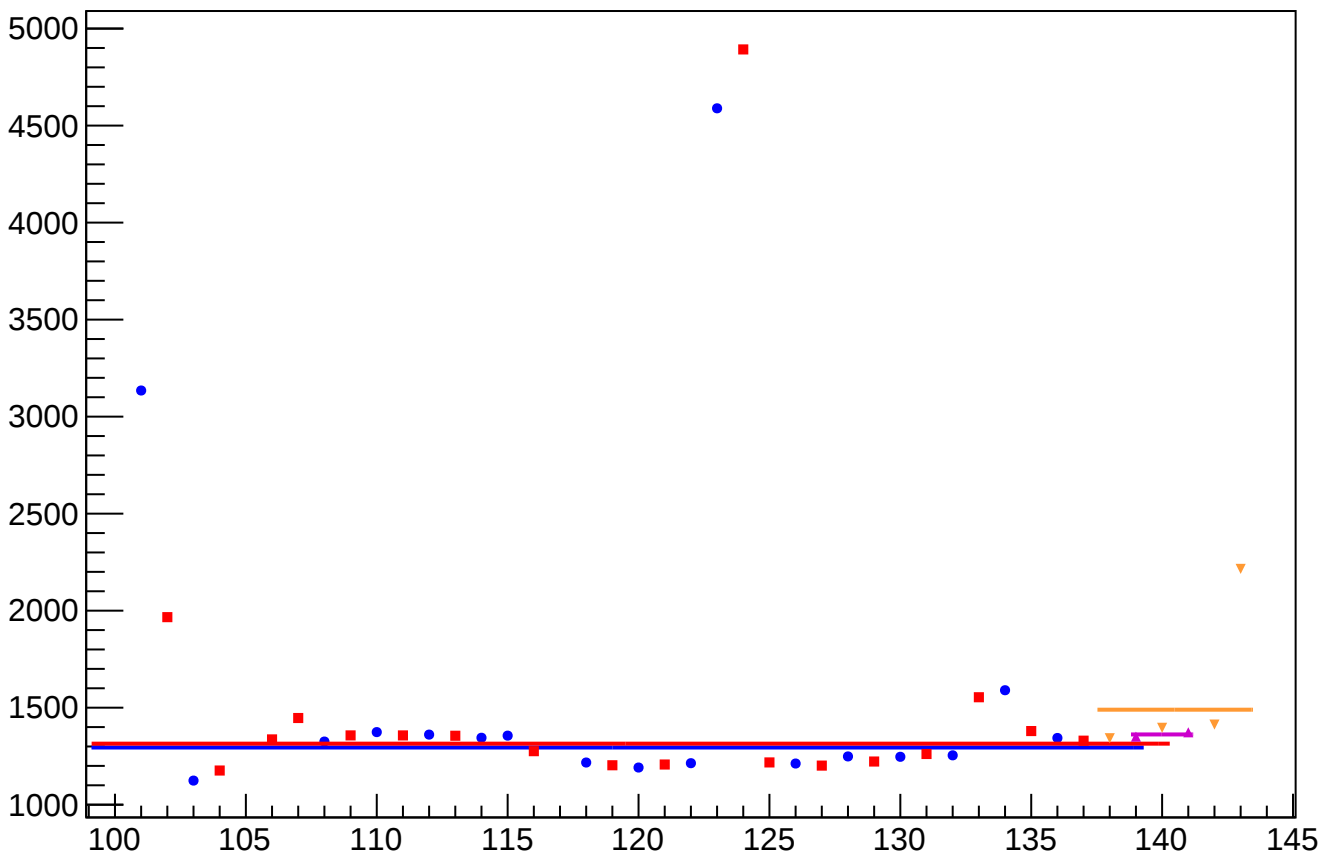
Right: -121.291 $\pm$ 361.152 χ^2 /NDF: 34.9/34

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

Out: -497.402 $\pm$ 445.242 χ^2 /NDF:25.8/21

All: -215.833 $\pm$ 320.608 χ^2 /NDF: 43.7/40

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1489.624 $\pm$ 0.651 χ^2 /NDF:192187.8/3

Right Out: 1314.588 $\pm$ 0.360 χ^2 /NDF: 333838.6/17

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

Left: 1435.063 $\pm$ 0.492 χ^2 /NDF: 208831.8/5

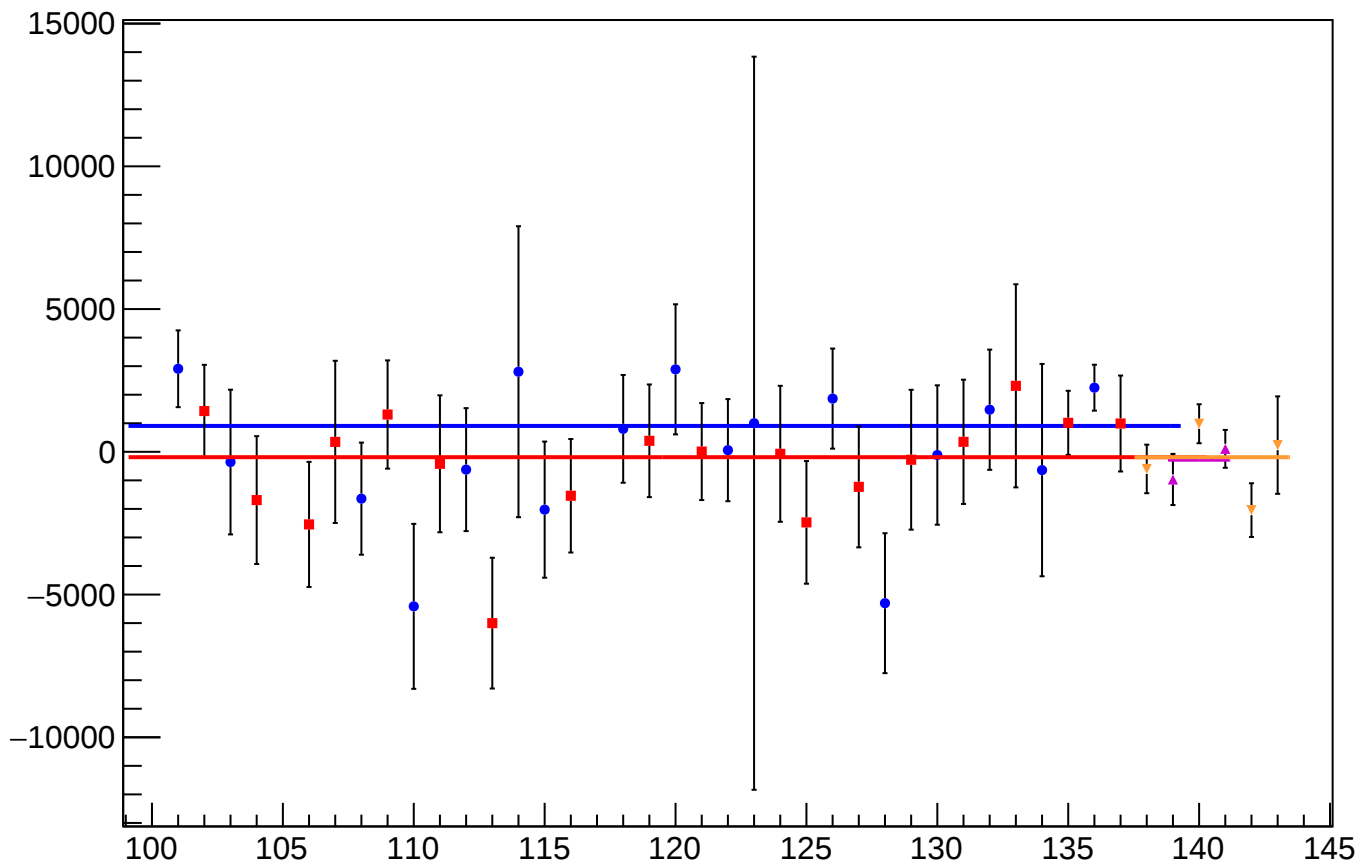
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

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

Out: 1355.525 $\pm$ 0.315 χ^2 /NDF:581410.2/21

All: 1332.358 $\pm$ 0.227 χ^2 /NDF: 1107178.2/40

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -188.896+/-447.024 χ^2/NDF : 7.1/3

Right Out: -188.170+/-464.537 χ^2/NDF : 13.8/17

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

Left: -224.834+/-342.444 χ^2/NDF : 8.1/5

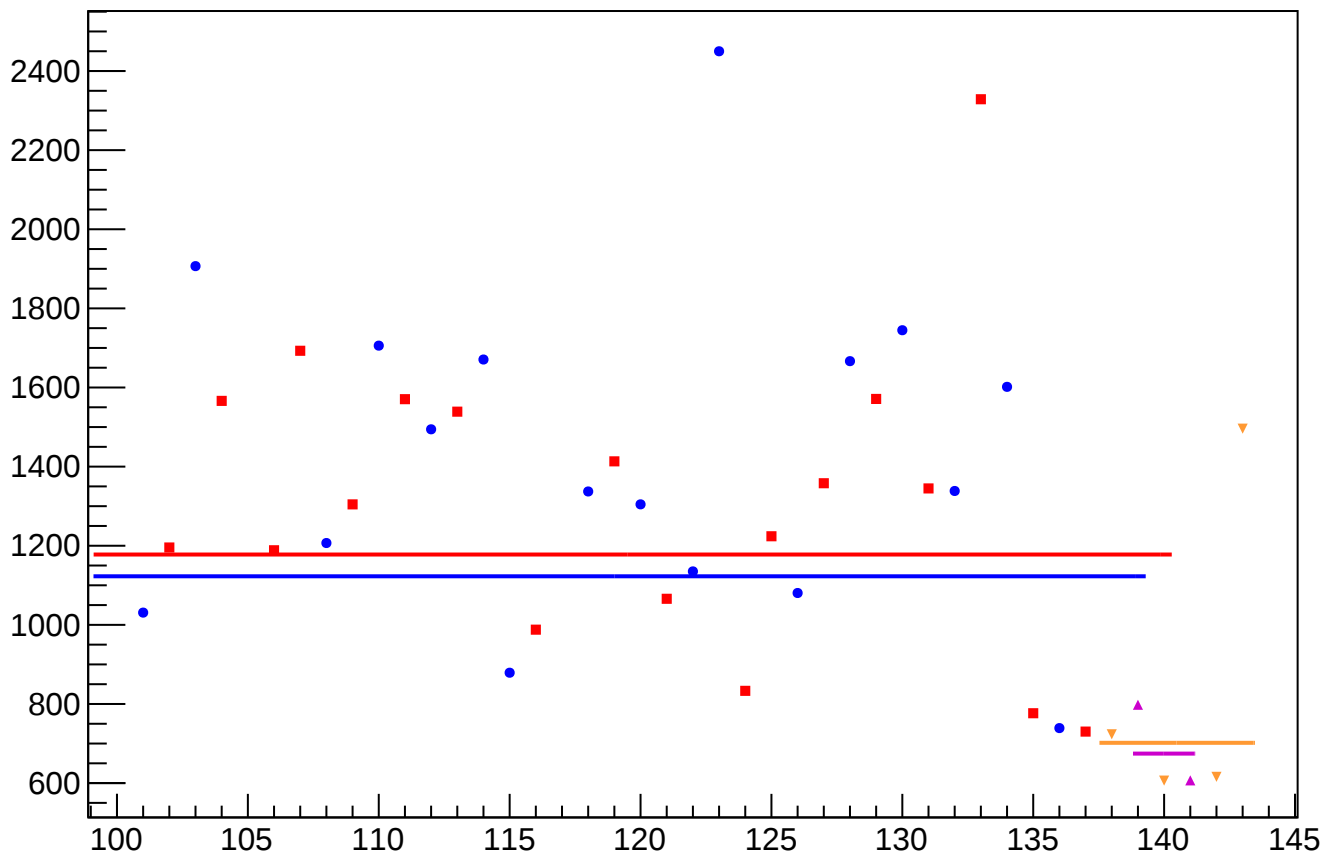
Right: 369.604+/-325.359 χ^2/NDF : 38.7/34

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

Out: -188.547+/-322.107 χ^2/NDF : 21.0/21

All: 87.583+/-235.872 χ^2/NDF : 48.3/40

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

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

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

Left In: 674.561+/-0.377 χ^2/NDF : 58884.8/1

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

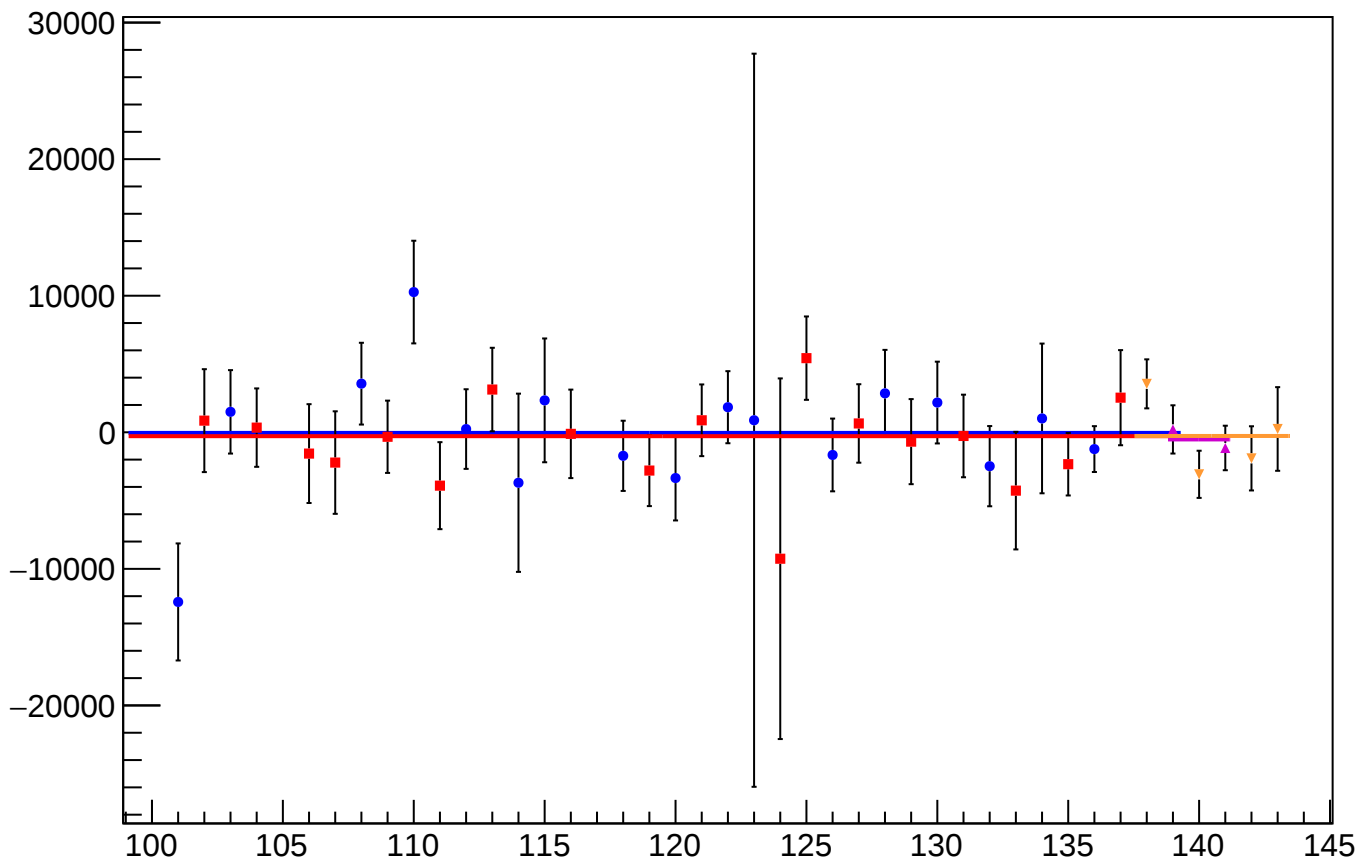
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

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

Out: 930.673+/-0.228 χ^2/NDF : 2602039.5/21

All: 931.905+/-0.167 χ^2/NDF : 4666260.8/40

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -269.093 ± 1034.910 χ^2/NDF : 7.7/3

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

Left In: -523.170 ± 1197.843 χ^2/NDF : 0.3/1

Left: -377.689 ± 783.111 χ^2/NDF : 8.0/5

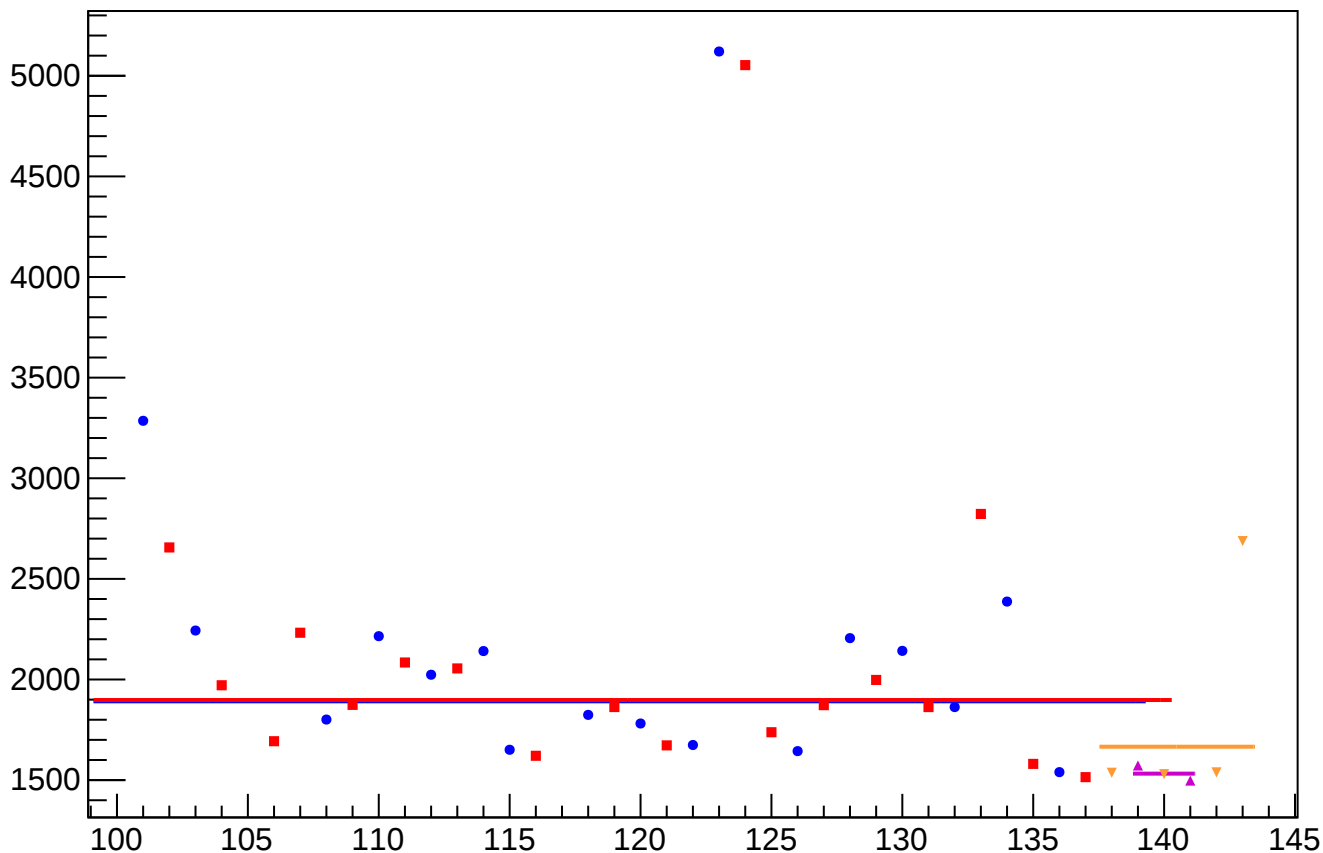
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

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

Out: -279.911 ± 599.460 χ^2/NDF : 18.3/21

All: -232.101 ± 435.648 χ^2/NDF : 41.9/40

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

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

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

Left In: 1532.177+/-0.847 χ^2/NDF : 1940.8/1

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

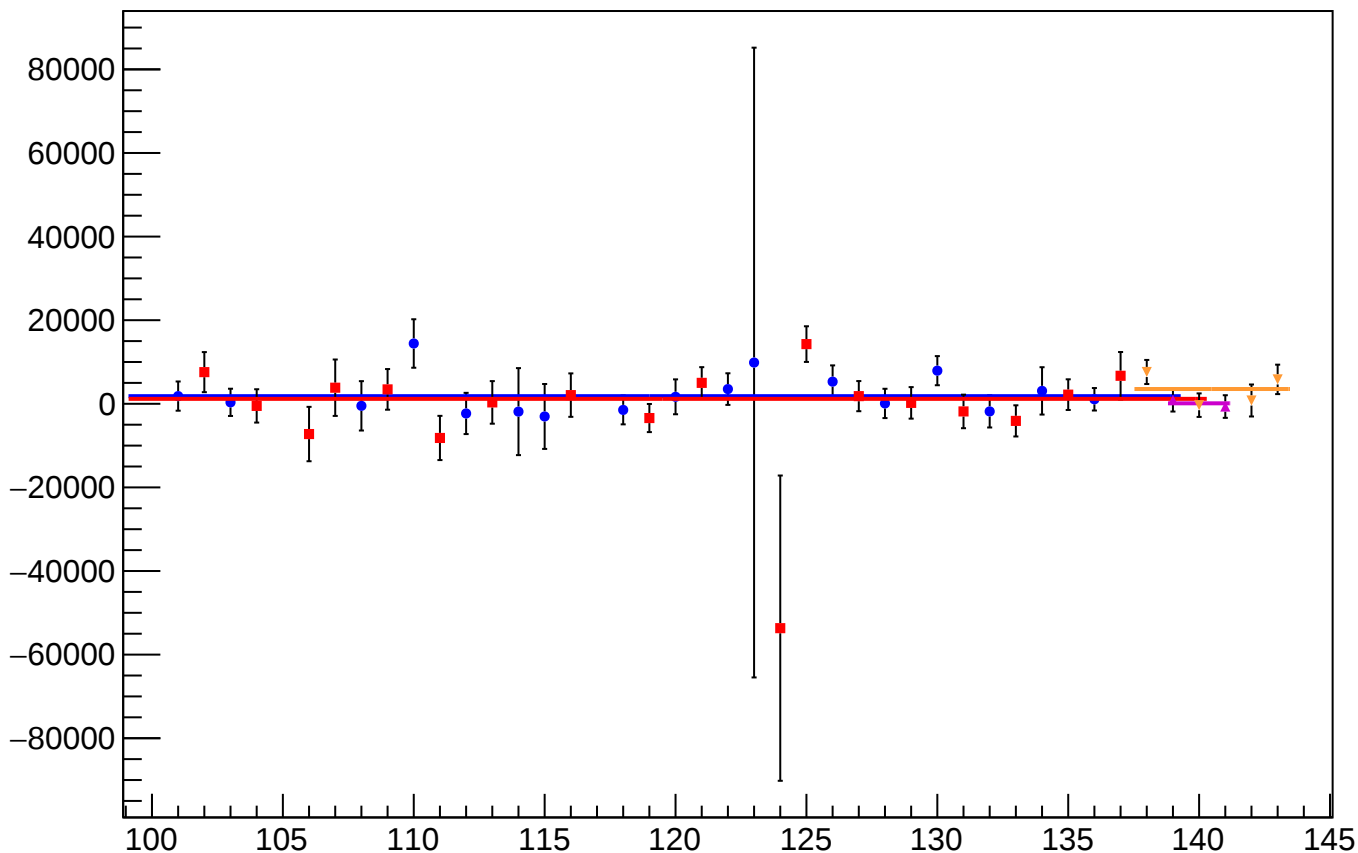
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

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

Out: 1820.153+/-0.424 χ^2/NDF : 741907.0/21

All: 1806.347+/-0.308 χ^2/NDF : 1344825.8/40

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: 1182.804+/-1049.924 χ^2/NDF : 25.5/17

Left In: 113.968+/-1938.510 χ^2/NDF : 0.2/1

Left: 2161.857+/-1229.151 χ^2/NDF : 6.9/5

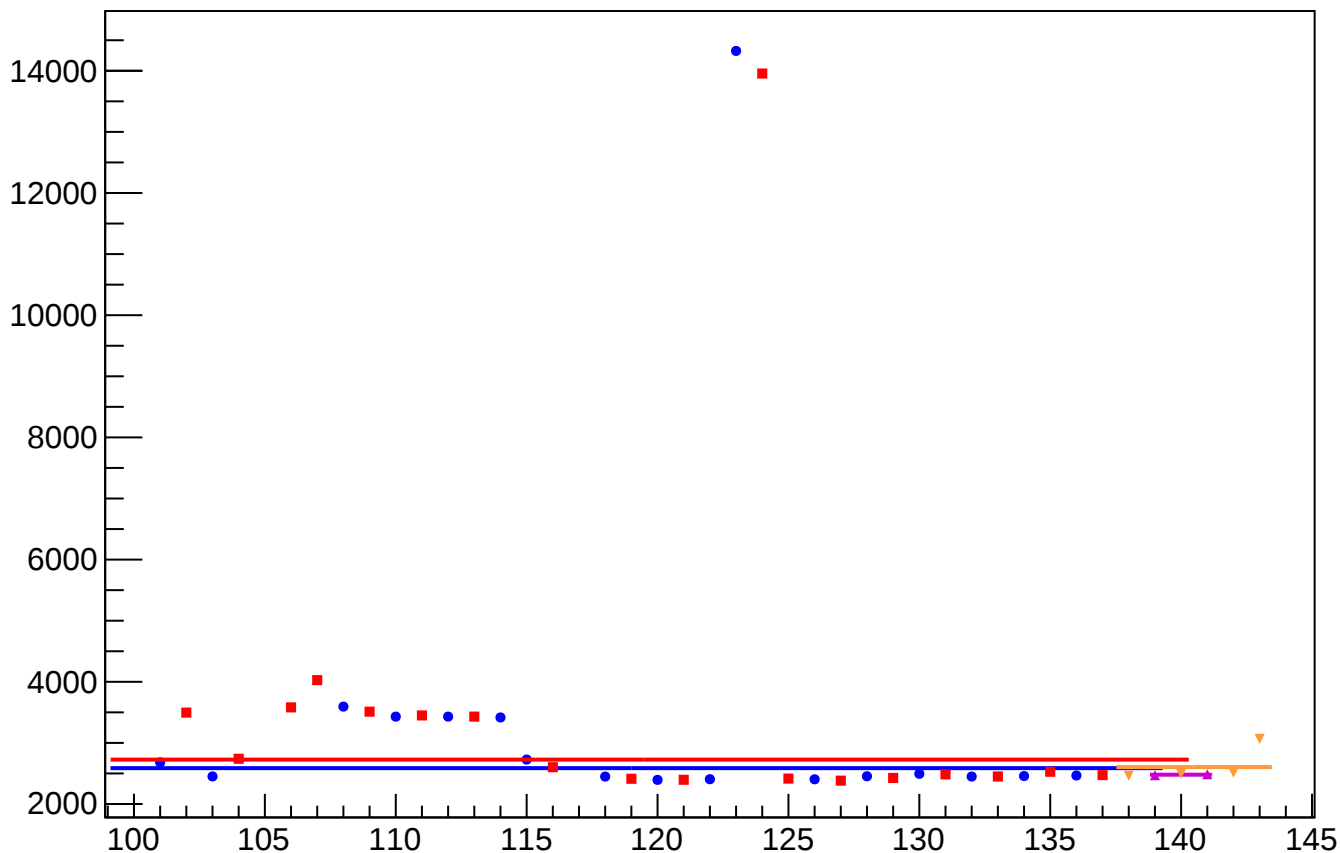
Right: 1516.312+/-727.946 χ^2/NDF : 38.2/34

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

Out: 1898.461+/-876.066 χ^2/NDF : 31.8/21

All: 1683.939+/-626.344 χ^2/NDF : 45.3/40

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

Left In: 2479.781+/-1.371 χ^2/NDF : 35.0/1

Left: 2554.055+/-0.869 χ^2/NDF : 48354.7/5

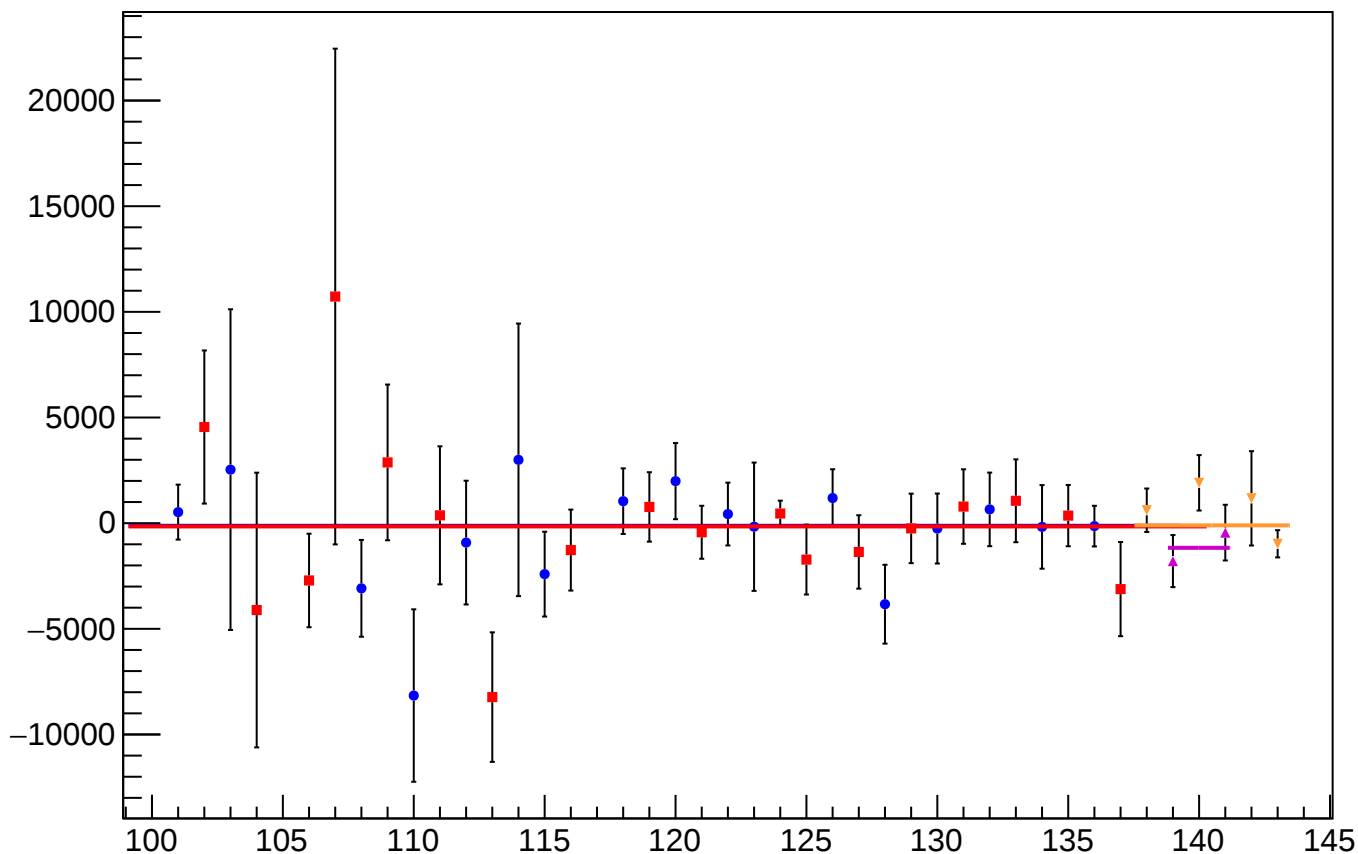
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

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

Out: 2689.257+/-0.619 χ^2/NDF : 632524.9/21

All: 2628.067+/-0.443 χ^2/NDF : 911441.6/40

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: -103.518 $\pm$ 491.566 χ^2 /NDF:5.0/3

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

Left In: -1166.180 $\pm$ 900.402 χ^2 /NDF:0.6/1

Left: -347.521 $\pm$ 431.456 χ^2 /NDF: 6.6/5

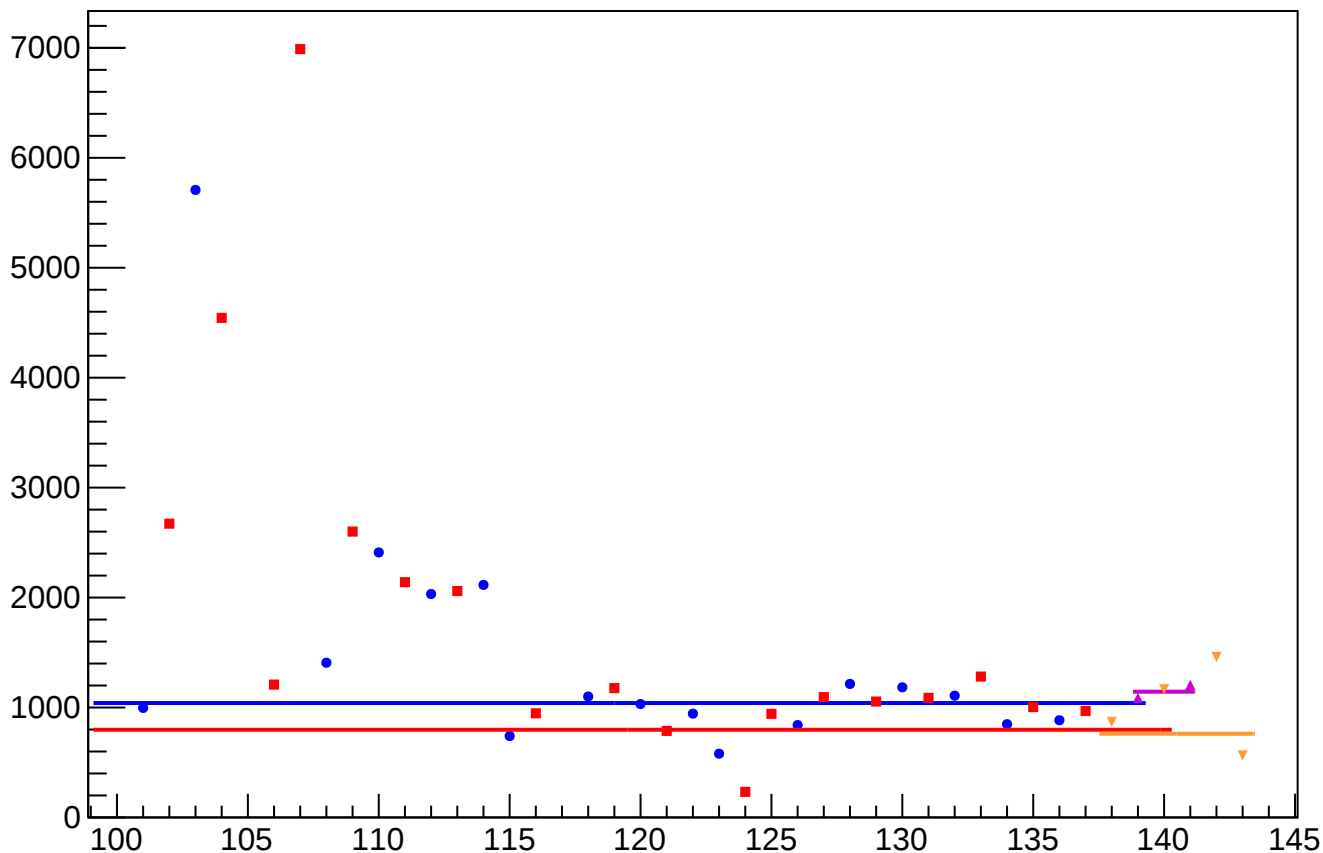
Right: -141.367 $\pm$ 285.354 χ^2 /NDF: 32.3/34

In: -318.487 $\pm$ 388.581 χ^2 /NDF:16.3/18

Out: -135.421 $\pm$ 301.099 χ^2 /NDF:22.6/21

All: -204.101 $\pm$ 238.008 χ^2 /NDF: 39.0/40

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 $\pm$ 0.305 χ^2/NDF : 1573034.8/16

Left Out: 761.458 $\pm$ 0.348 χ^2/NDF : 596321.7/3

Right Out: 797.732 $\pm$ 0.269 χ^2/NDF : 5174332.0/17

Left In: 1143.823 $\pm$ 0.637 χ^2/NDF : 8419.3/1

Left: 849.254 $\pm$ 0.305 χ^2/NDF : 882598.2/5

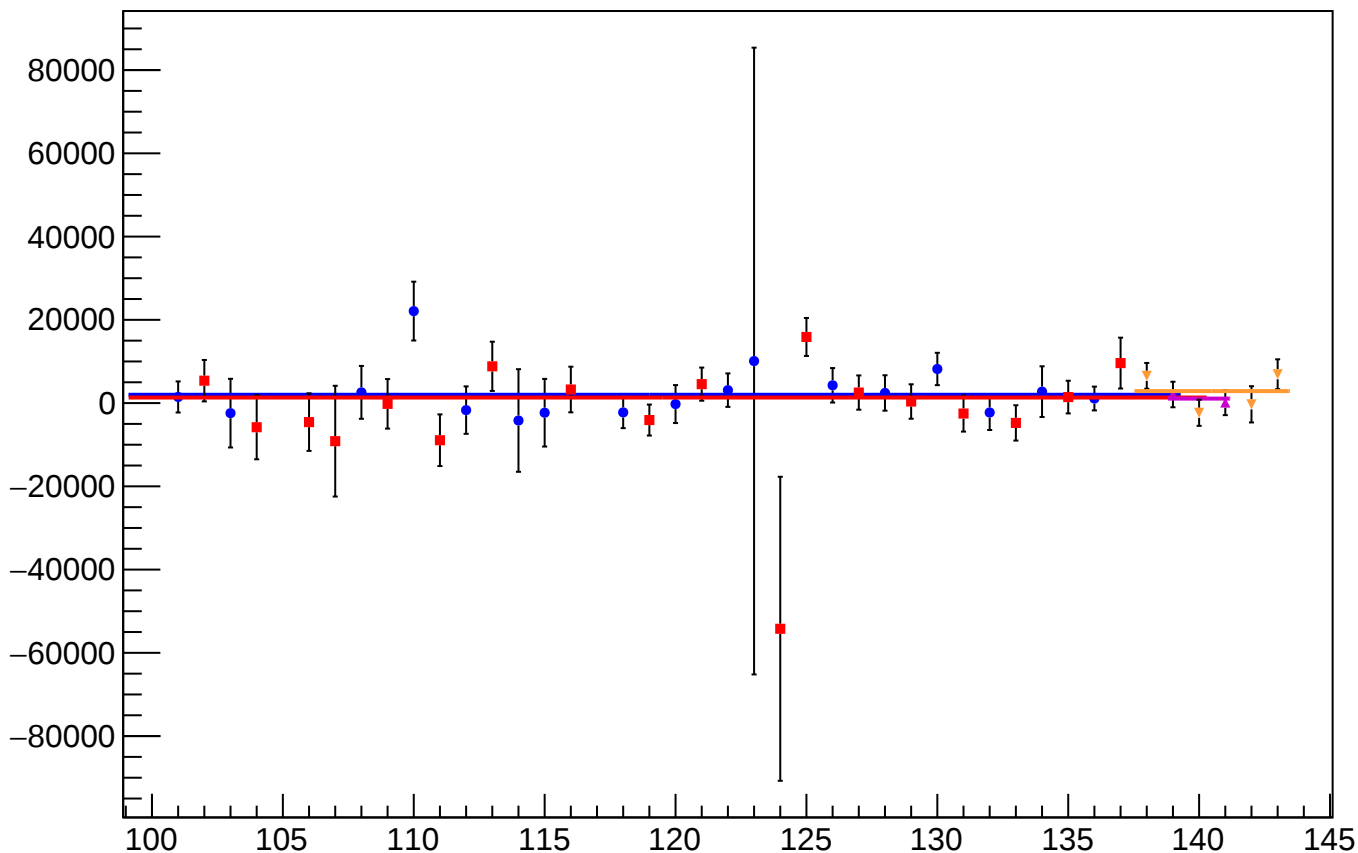
Right: 904.380 $\pm$ 0.202 χ^2/NDF : 7104613.1/34

In: 1059.955 $\pm$ 0.275 χ^2/NDF : 1602777.4/18

Out: 784.122 $\pm$ 0.213 χ^2/NDF : 5777458.2/21

All: 887.605 $\pm$ 0.168 χ^2/NDF : 8009924.4/40

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

Left In: 1079.210+/-2151.236 χ^2/NDF : 0.2/1

Left: 2176.195+/-1344.674 χ^2/NDF : 6.6/5

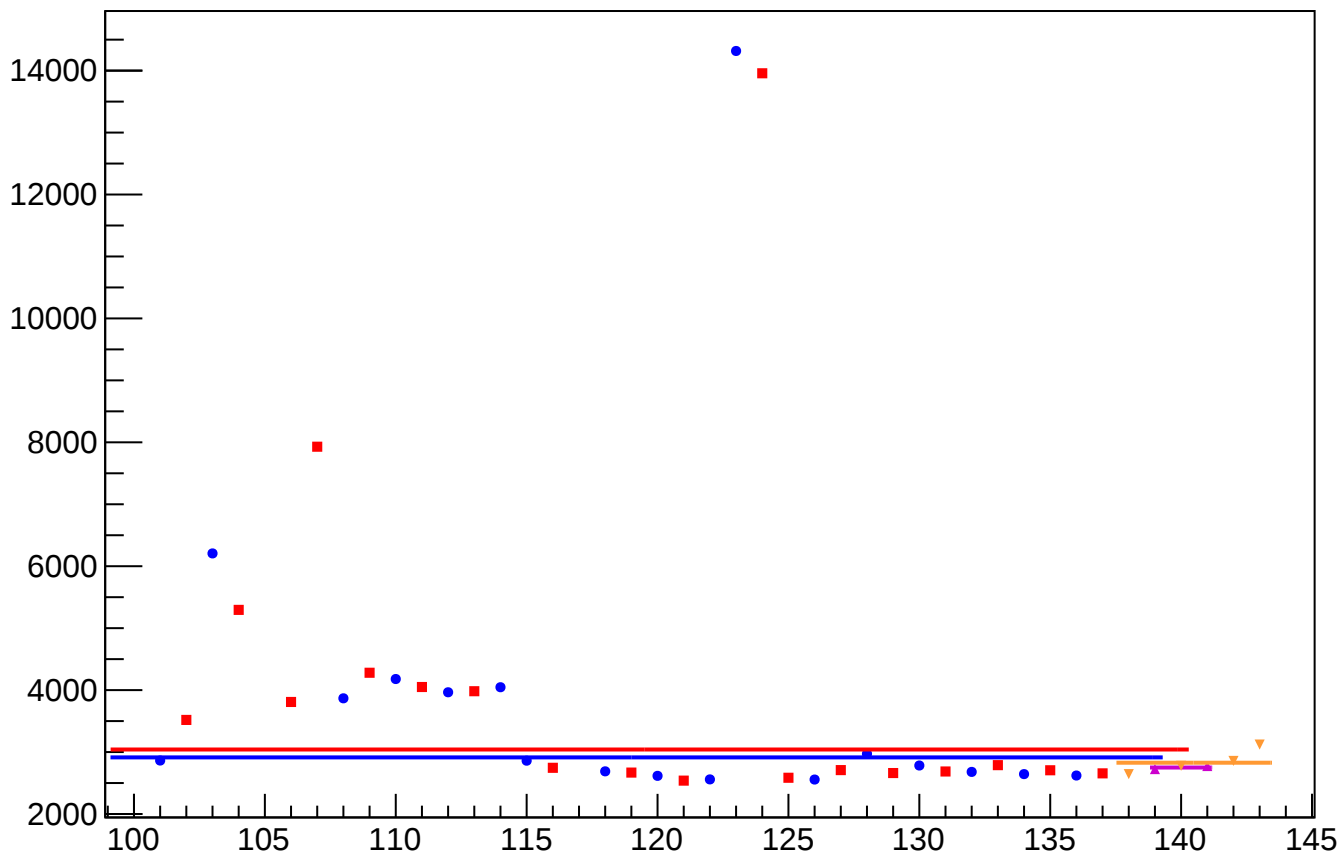
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

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

Out: 1837.191+/-981.182 χ^2/NDF : 34.0/21

All: 1814.961+/-706.339 χ^2/NDF : 49.3/40

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

Left In: 2750.118+/-1.521 χ^2/NDF :263.5/1

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

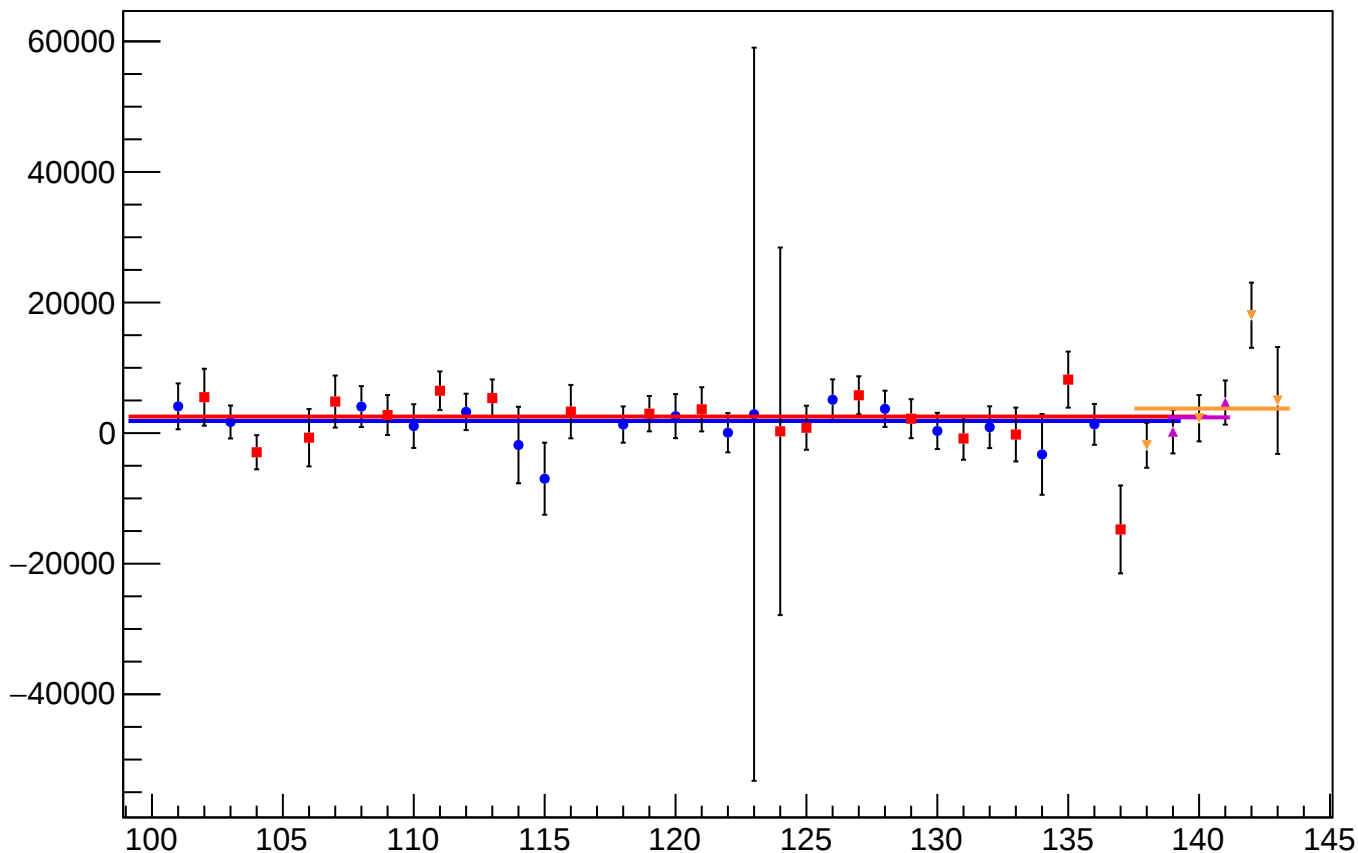
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

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

Out: 2972.040+/-0.694 χ^2/NDF :1045368.9/21

All: 2926.364+/-0.499 χ^2/NDF : 1702609.4/40

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 3761.351 $\pm$ 2137.818 χ^2/NDF : 11.1/3

Right Out: 2535.163 $\pm$ 819.322 χ^2/NDF : 20.0/17

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

Left: 3157.010 $\pm$ 1587.656 χ^2/NDF : 12.1/5

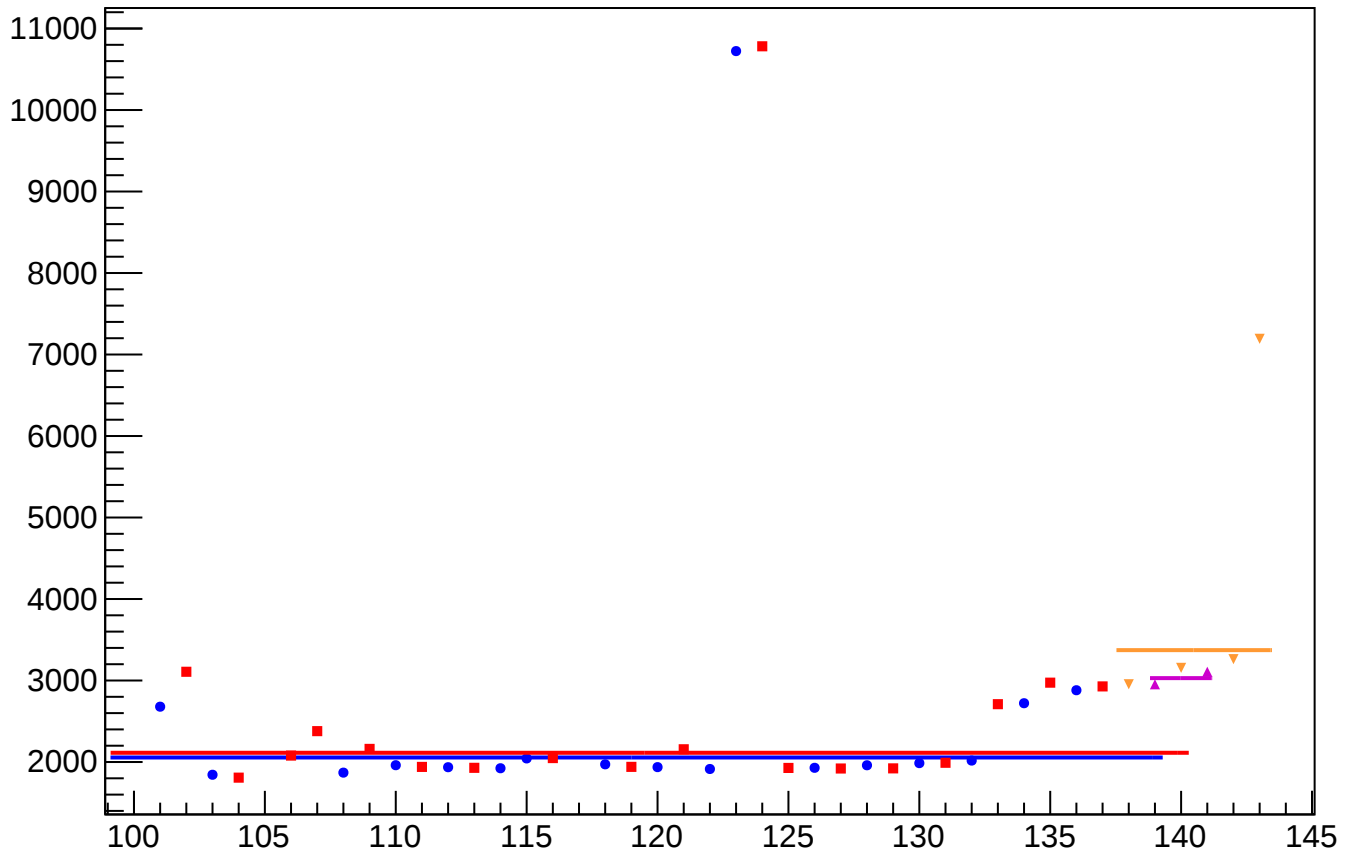
Right: 2187.336 $\pm$ 574.855 χ^2/NDF : 27.6/34

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

Out: 2692.202 $\pm$ 765.060 χ^2/NDF : 31.4/21

All: 2299.726 $\pm$ 540.515 χ^2/NDF : 40.1/40

dit_asym_atl2_rms vs Slug, Sign Corrected



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

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

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

Left In: 3029.277+/-1.676 χ^2/NDF : 2108.1/1

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

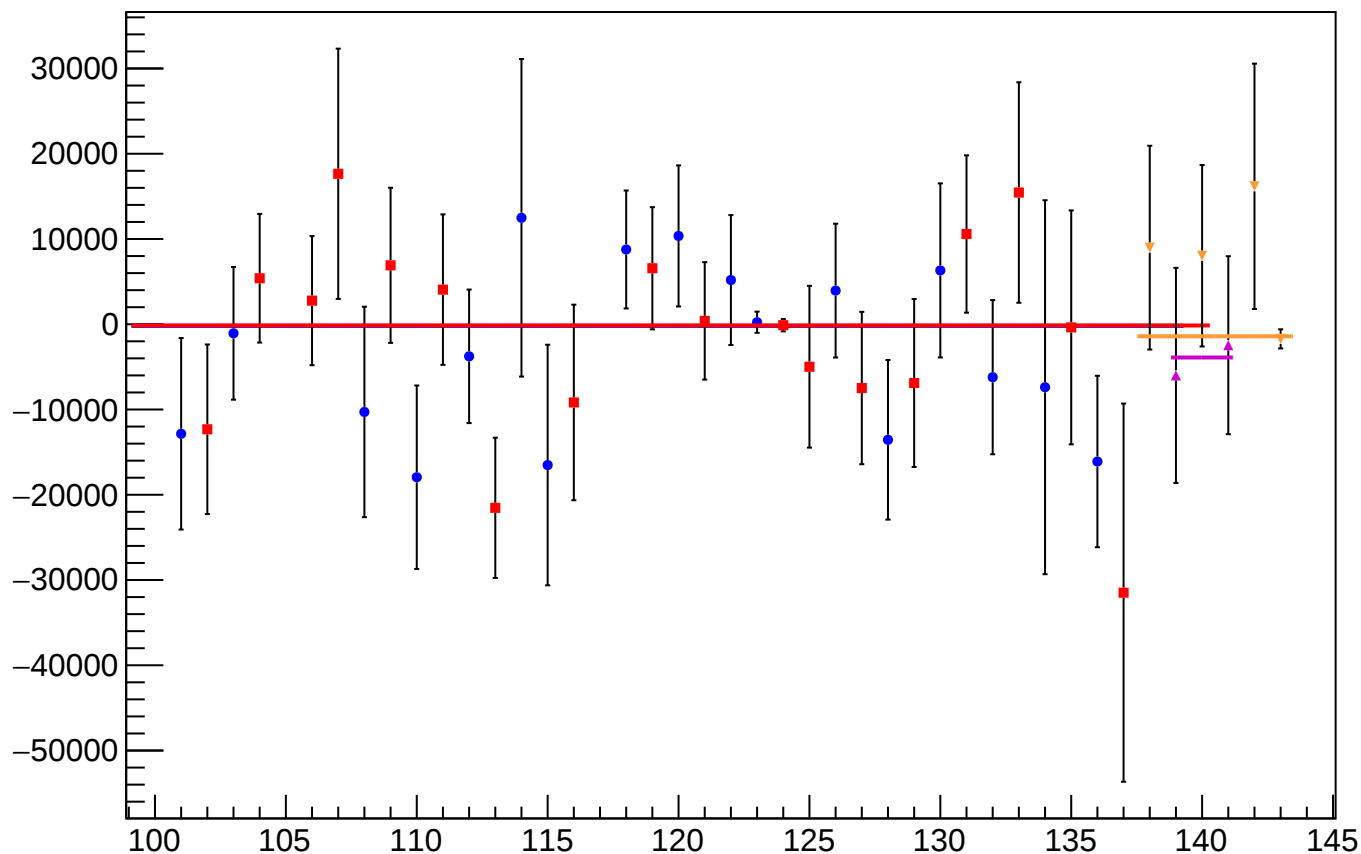
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

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

Out: 2274.170+/-0.540 χ^2/NDF : 1610915.7/21

All: 2215.317+/-0.382 χ^2/NDF : 2255562.3/40

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

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

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

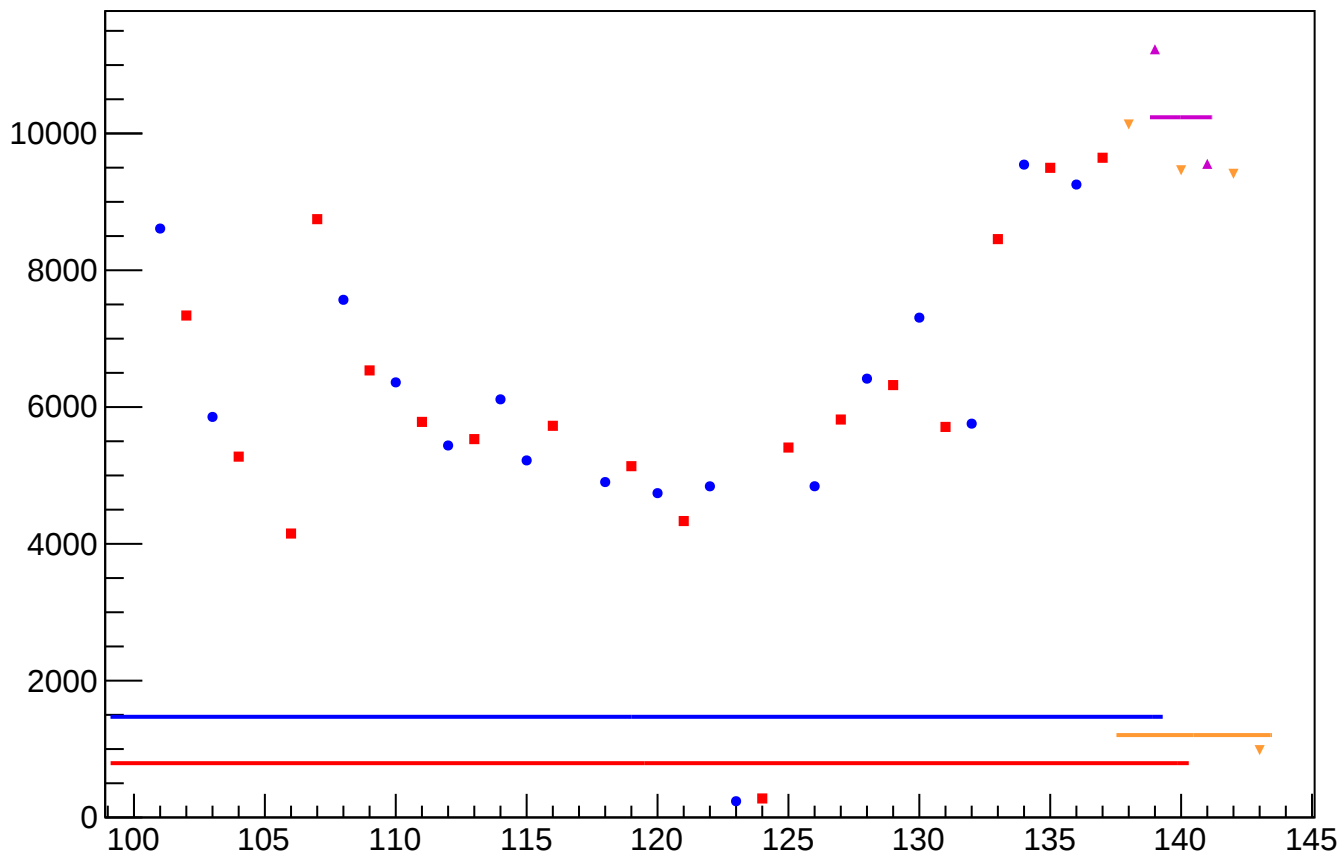
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

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

Out: -496.839+/-586.303 χ^2/NDF : 23.0/21

All: -442.284+/-516.410 χ^2/NDF : 39.7/40

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1204.468+/-0.783 χ^2/NDF : 3047789.2/3

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 10236.904+/-5.687 χ^2/NDF : 20933.3/1

Left: 1372.697+/-0.776 χ^2/NDF : 5544415.0/5

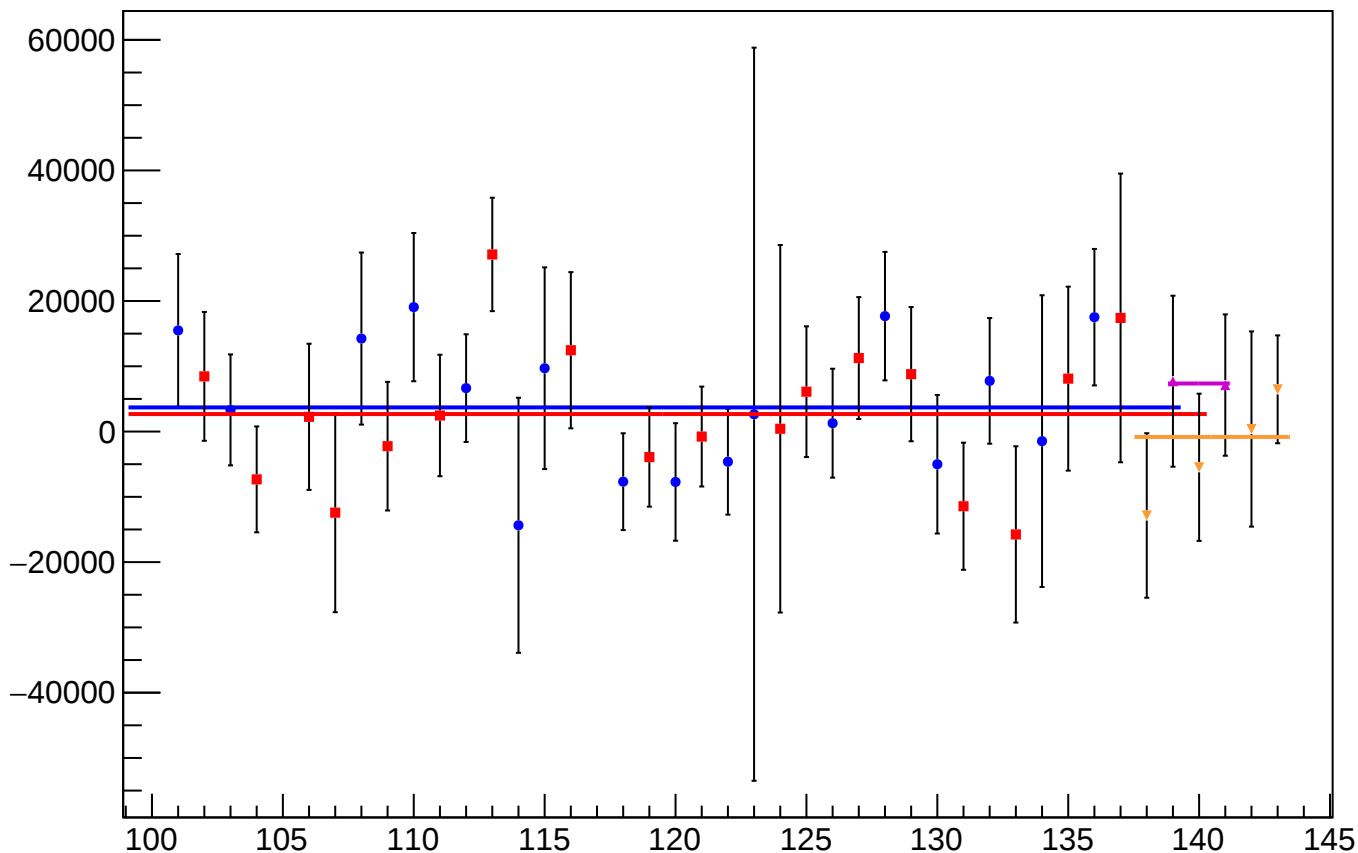
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

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

Out: 908.698+/-0.415 χ^2/NDF : 14668336.7/21

All: 1071.046+/-0.365 χ^2/NDF : 27493460.4/4

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2 /NDF: 14.4/16

Left Out: -826.542 $\pm$ 5481.113 χ^2 /NDF:1.9/3

Right Out: 2679.483 $\pm$ 2428.648 χ^2 /NDF: 18.5/17

Left In: 7361.820 $\pm$ 8345.251 χ^2 /NDF:0.0/1

Left: 1641.208 $\pm$ 4581.329 χ^2 /NDF: 2.5/5

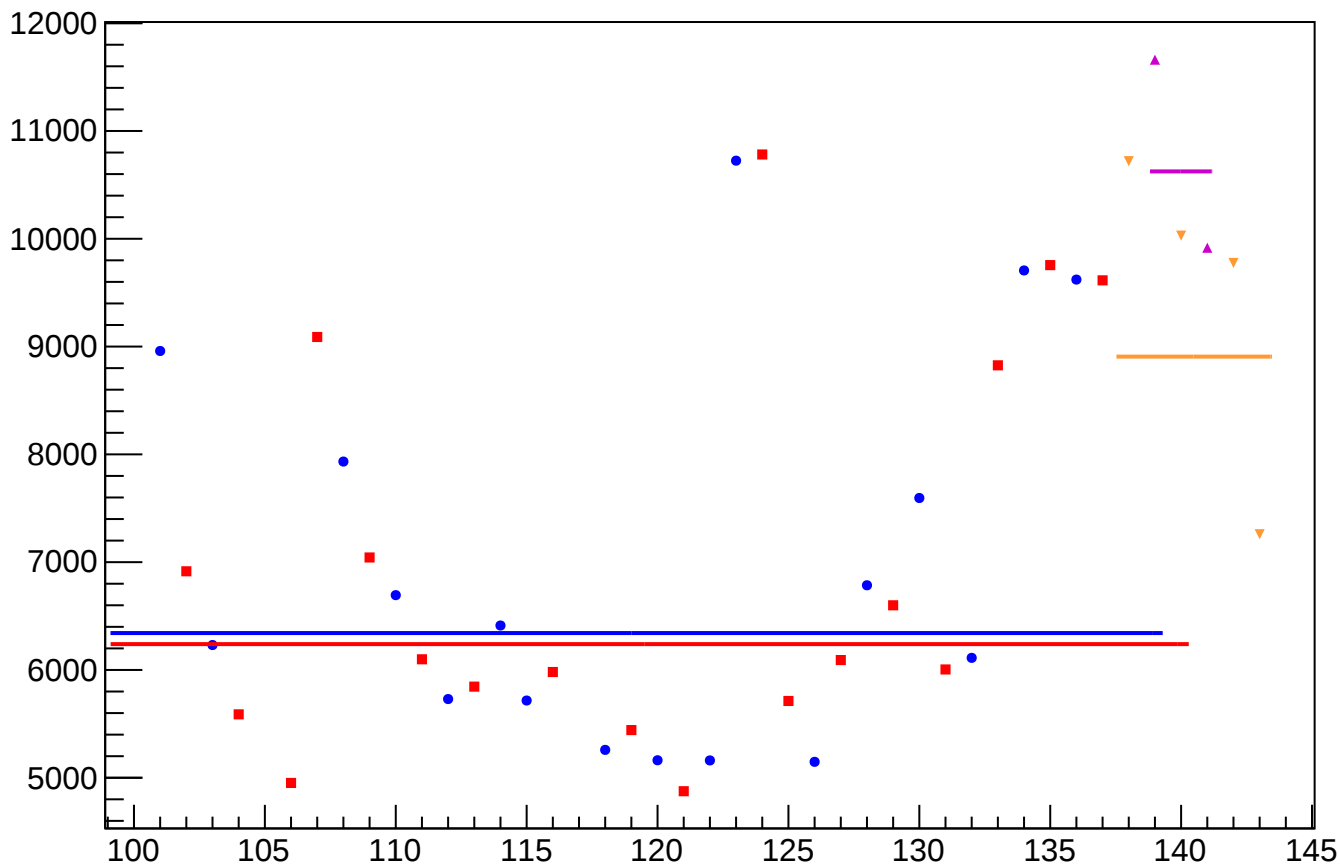
Right: 3170.572 $\pm$ 1748.031 χ^2 /NDF: 33.0/34

In: 4004.113 $\pm$ 2410.612 χ^2 /NDF:14.6/18

Out: 2104.103 $\pm$ 2220.438 χ^2 /NDF:20.7/21

All: 2976.215 $\pm$ 1633.186 χ^2 /NDF: 35.6/40

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: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10625.001+/-5.901 χ^2/NDF : 21077.6/1

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

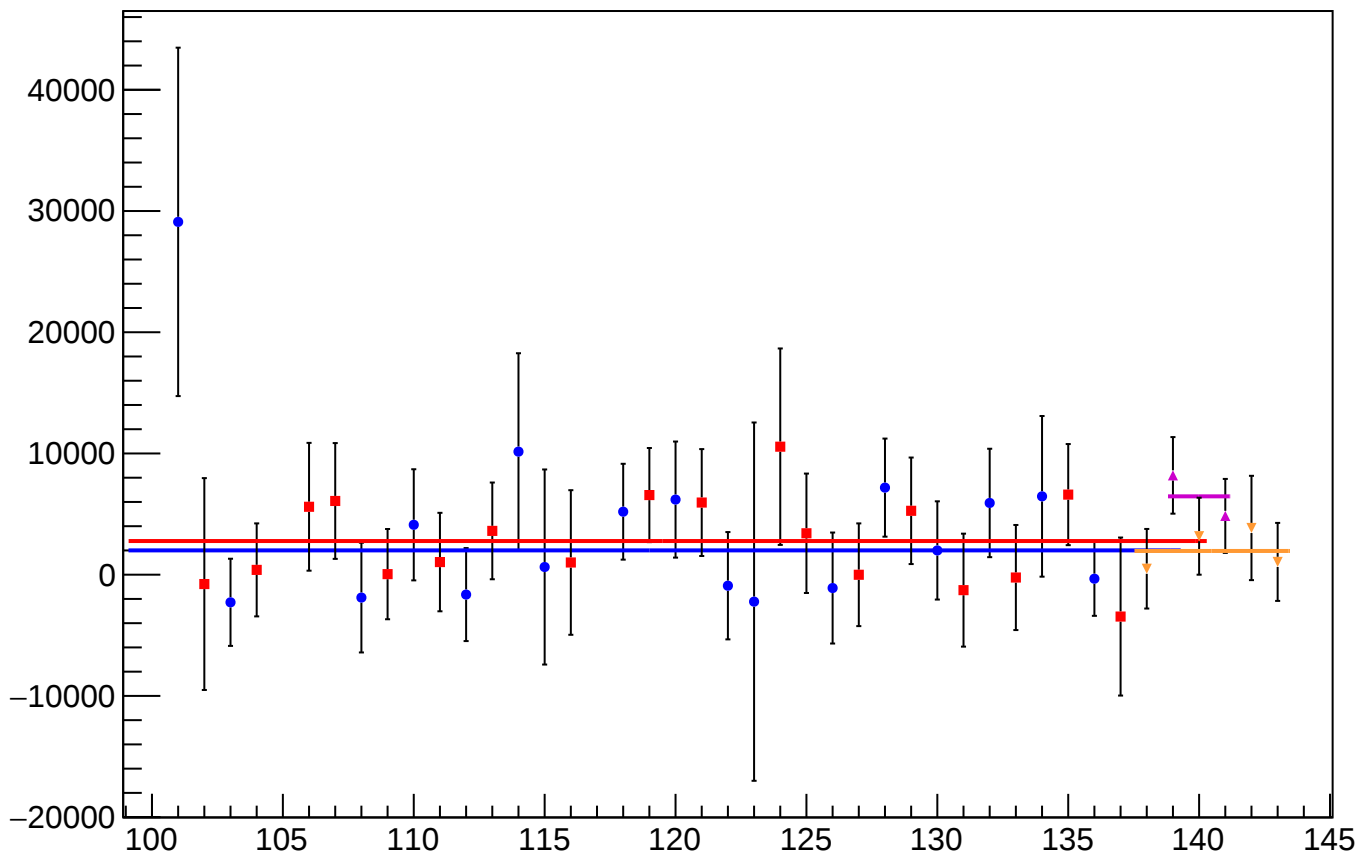
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

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

Out: 6677.376+/-1.570 χ^2/NDF : 1072575.8/21

All: 6687.609+/-1.155 χ^2/NDF : 2170187.4/40

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 1957.011 $\pm$ 1708.494 χ^2 /NDF: 0.6/3

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 6462.666 $\pm$ 2194.608 χ^2 /NDF: 0.6/1

Left: 3657.251 $\pm$ 1348.134 χ^2 /NDF: 3.8/5

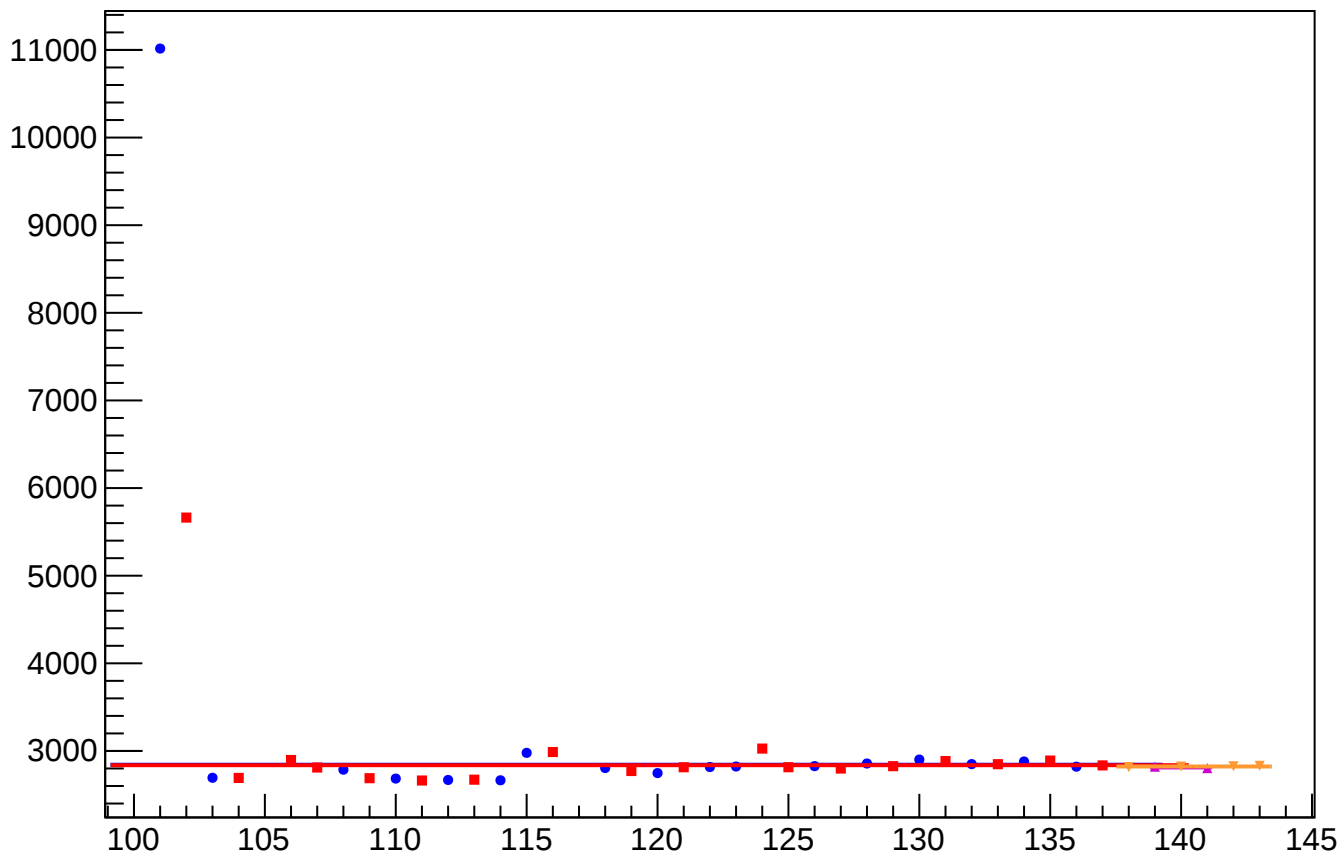
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2932.861 $\pm$ 1001.430 χ^2 /NDF: 17.5/18

Out: 2540.096 $\pm$ 917.001 χ^2 /NDF: 9.1/21

All: 2719.226 $\pm$ 676.300 χ^2 /NDF: 26.7/40

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: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

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

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

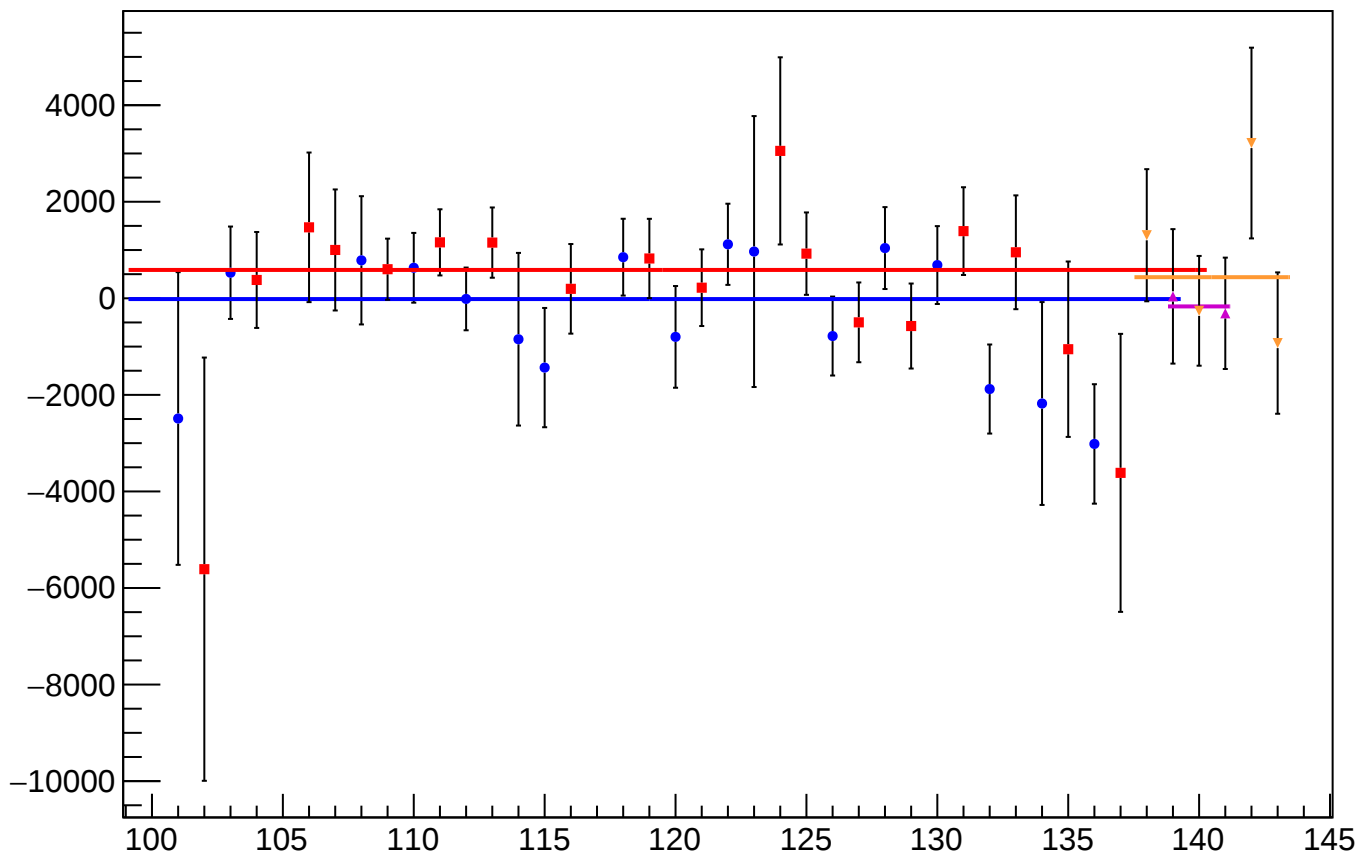
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

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

Out: 2833.248+/-0.648 χ^2/NDF : 226545.9/21

All: 2834.626+/-0.478 χ^2/NDF : 887196.6/40

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: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: -167.898 ± 888.211 χ^2/NDF : 0.0/1

Left: 204.934 ± 550.620 χ^2/NDF : 4.0/5

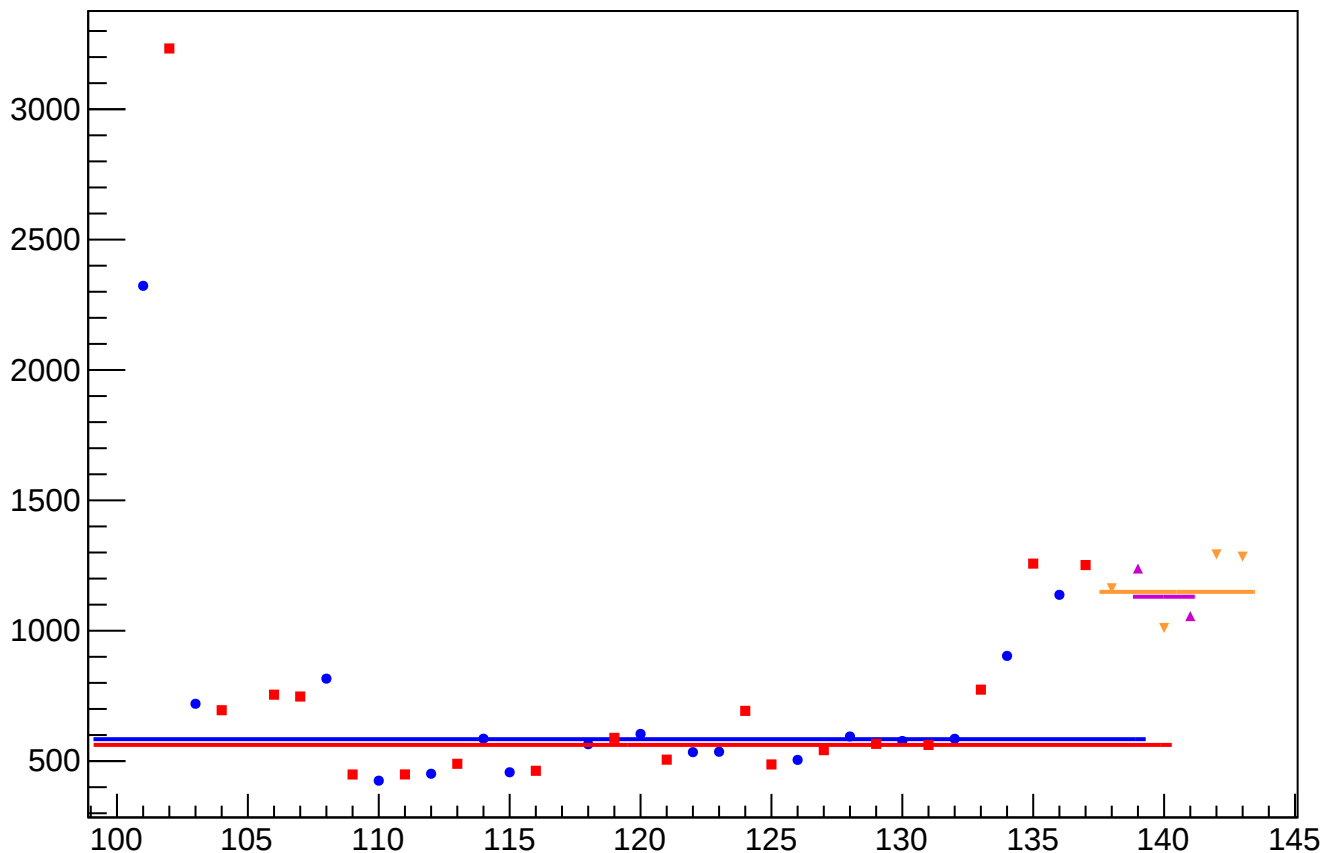
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

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

Out: 573.537 ± 214.956 χ^2/NDF : 17.0/21

All: 294.926 ± 157.258 χ^2/NDF : 42.3/40

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055 $\pm$ 0.169 χ^2/NDF : 1436613.4/16

Left Out: 1149.030 $\pm$ 0.496 χ^2/NDF : 57489.9/3

Right Out: 562.122 $\pm$ 0.160 χ^2/NDF : 1525298.9/17

Left In: 1130.372 $\pm$ 0.628 χ^2/NDF : 20357.8/1

Left: 1141.860 $\pm$ 0.389 χ^2/NDF : 78391.1/5

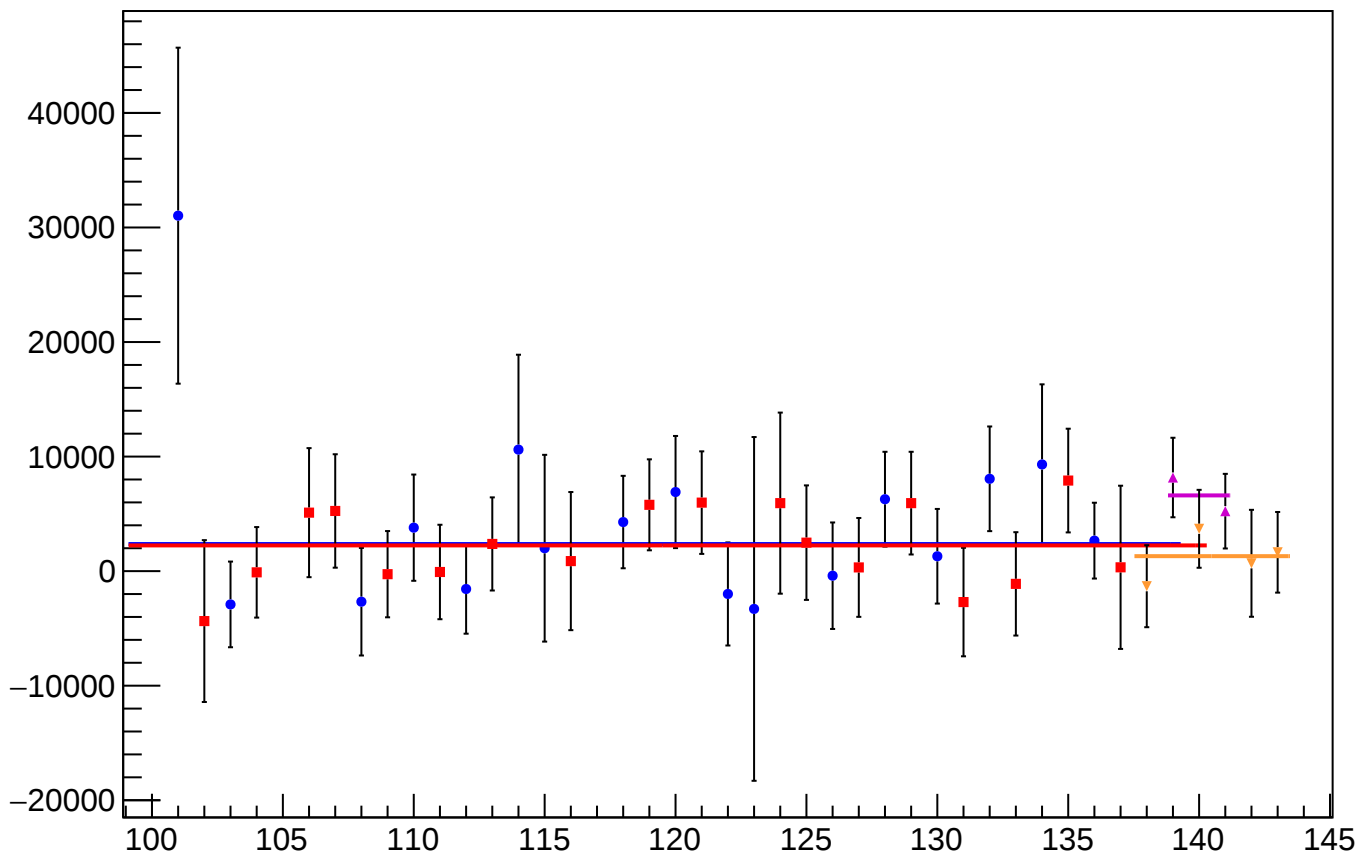
Right: 572.473 $\pm$ 0.116 χ^2/NDF : 2970817.1/34

In: 620.900 $\pm$ 0.163 χ^2/NDF : 2162578.1/18

Out: 617.194 $\pm$ 0.152 χ^2/NDF : 2850566.4/21

All: 618.917 $\pm$ 0.111 χ^2/NDF : 5013420.8/40

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 1307.288+/-1853.299 χ^2/NDF : 1.1/3

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 6610.312+/-2375.118 χ^2/NDF : 0.4/1

Left: 3314.183+/-1461.119 χ^2/NDF : 4.5/5

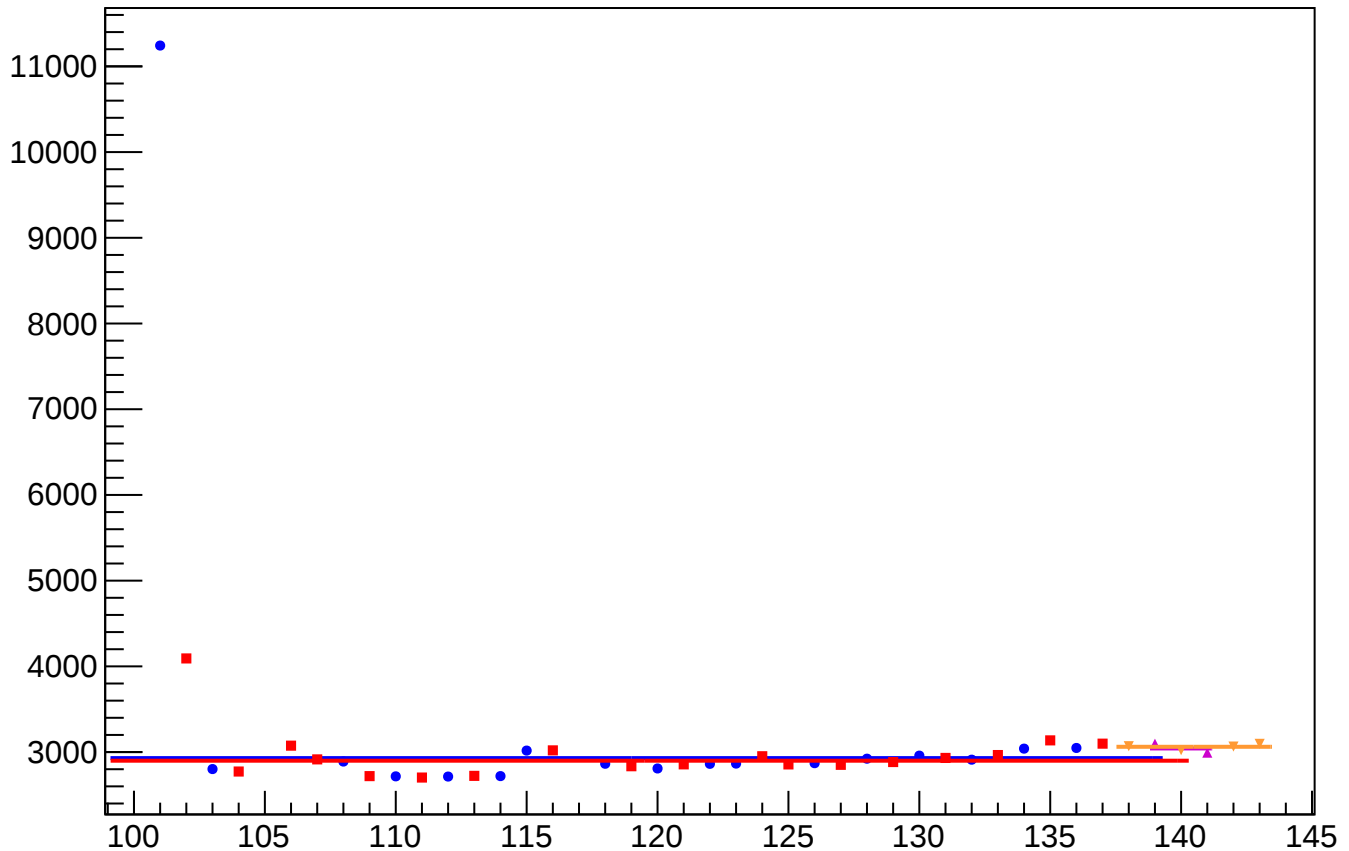
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 3180.771+/-1042.287 χ^2/NDF : 18.0/18

Out: 1997.098+/-953.486 χ^2/NDF : 9.8/21

All: 2536.372+/-703.519 χ^2/NDF : 28.5/40

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: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 3042.180+/-1.679 χ^2/NDF : 961.7/1

Left: 3054.341+/-1.033 χ^2/NDF : 1511.7/5

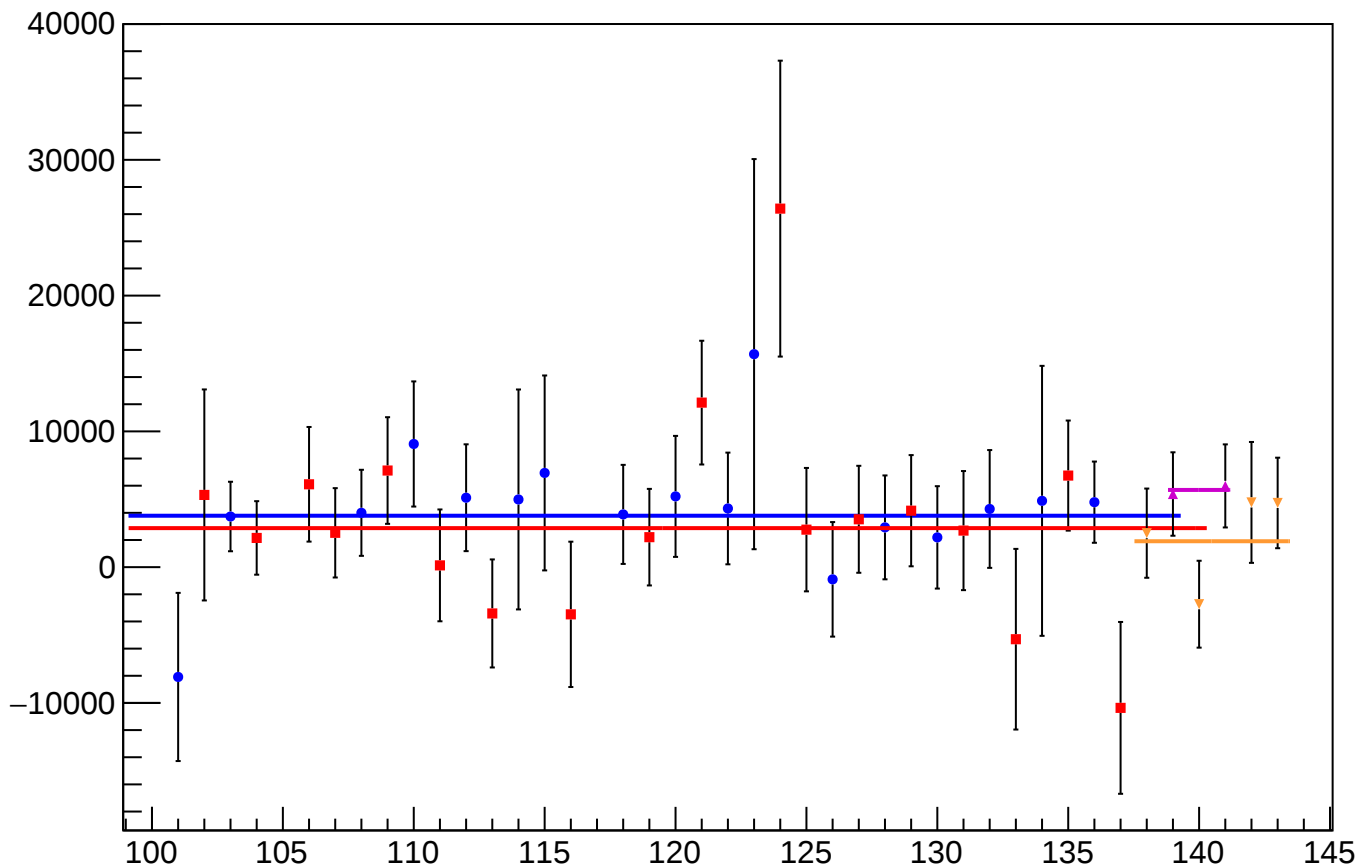
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

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

Out: 2942.394+/-0.674 χ^2/NDF : 95289.1/21

All: 2946.462+/-0.497 χ^2/NDF : 762584.4/40

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: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 5686.641+/-2167.773 χ^2/NDF : 0.0/1

Left: 3387.785+/-1356.364 χ^2/NDF : 5.1/5

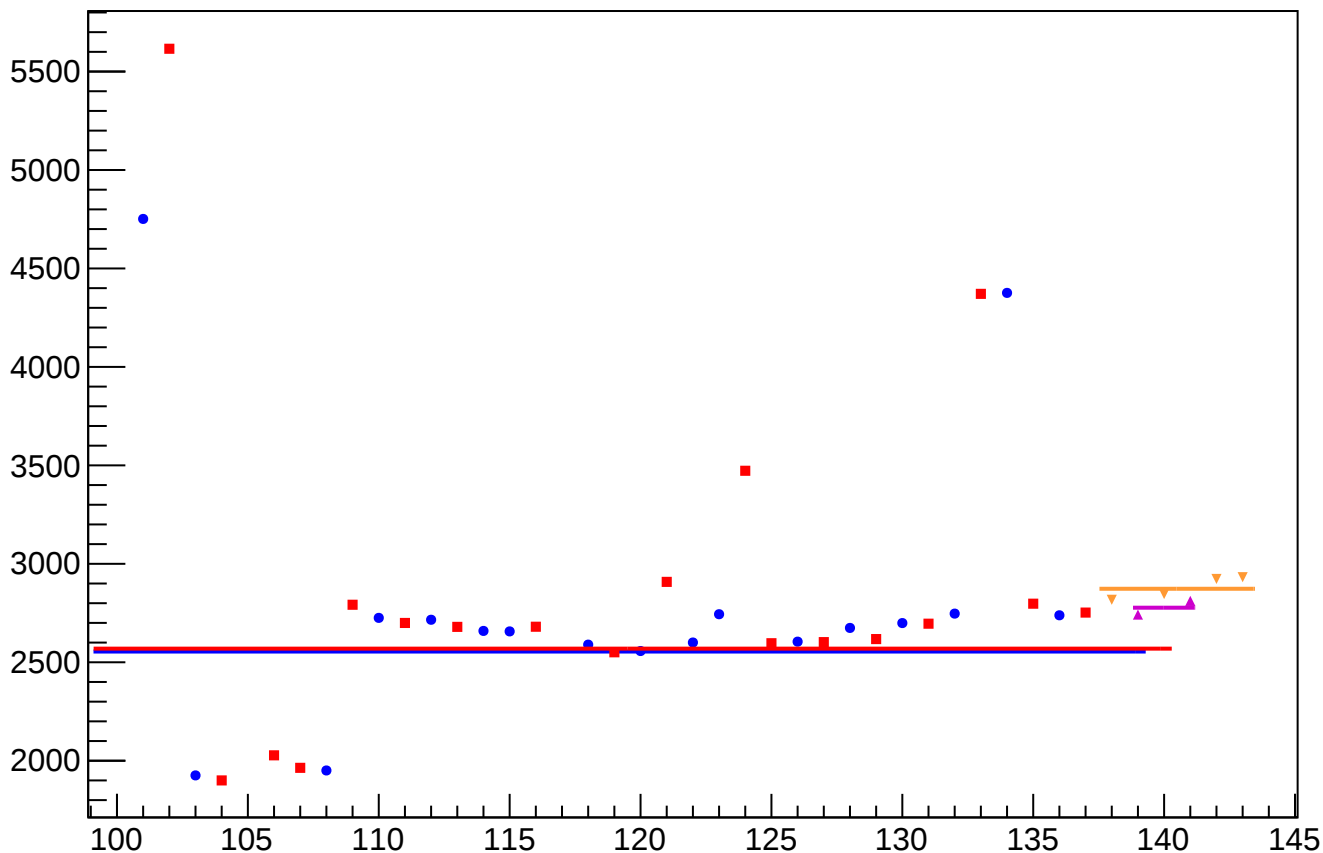
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

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

Out: 2633.142+/-869.514 χ^2/NDF : 25.5/21

All: 3342.021+/-630.014 χ^2/NDF : 35.3/40

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: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

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

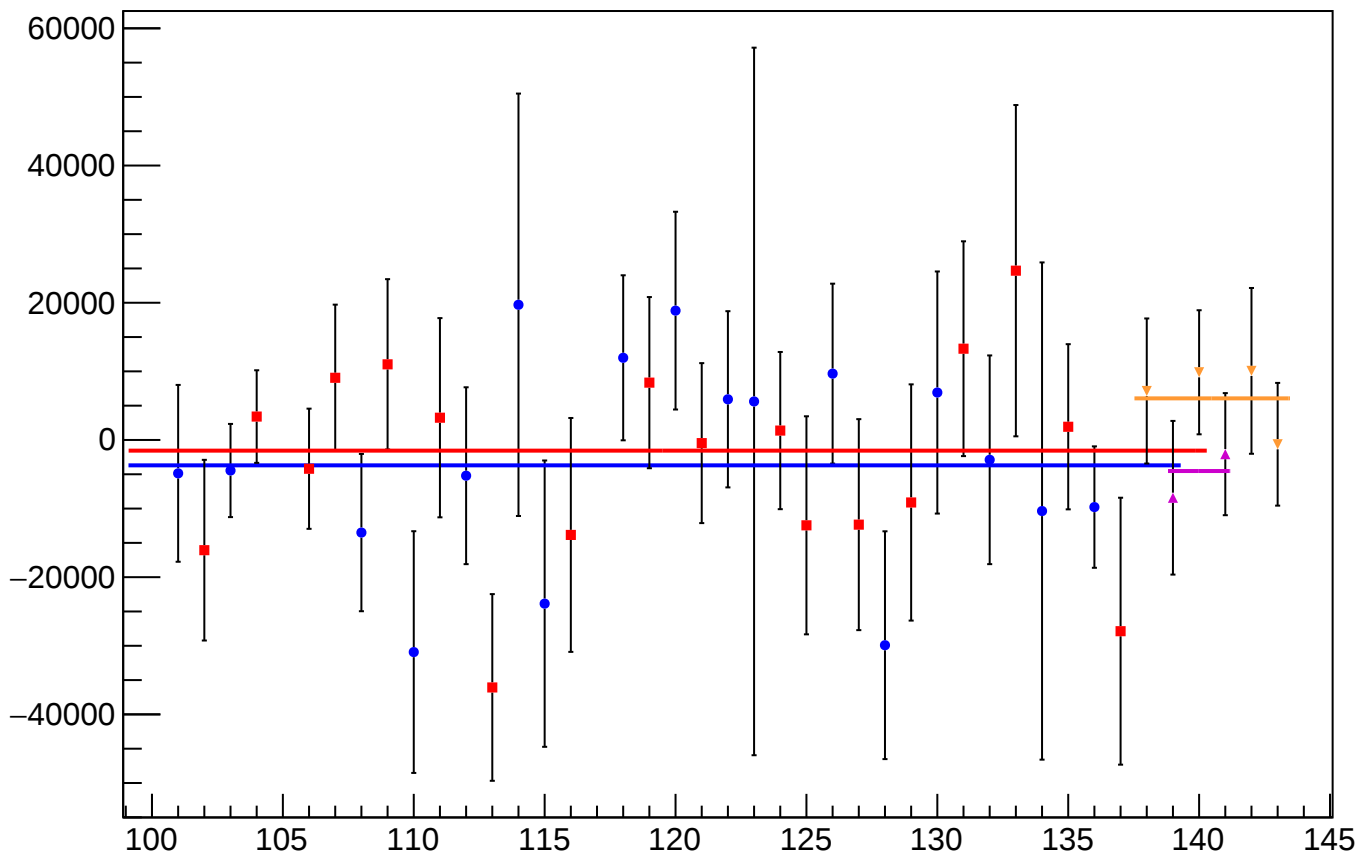
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

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

Out: 2645.248 $\pm$ 0.615 χ^2 /NDF:770799.4/21

All: 2620.968 $\pm$ 0.445 χ^2 /NDF: 1328565.2/40

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: -1555.707+/-2911.769 χ^2/NDF : 16.8/17

Left In: -4527.491+/-6966.734 χ^2/NDF : 0.2/1

Left: 2492.854+/-4044.618 χ^2/NDF : 2.6/5

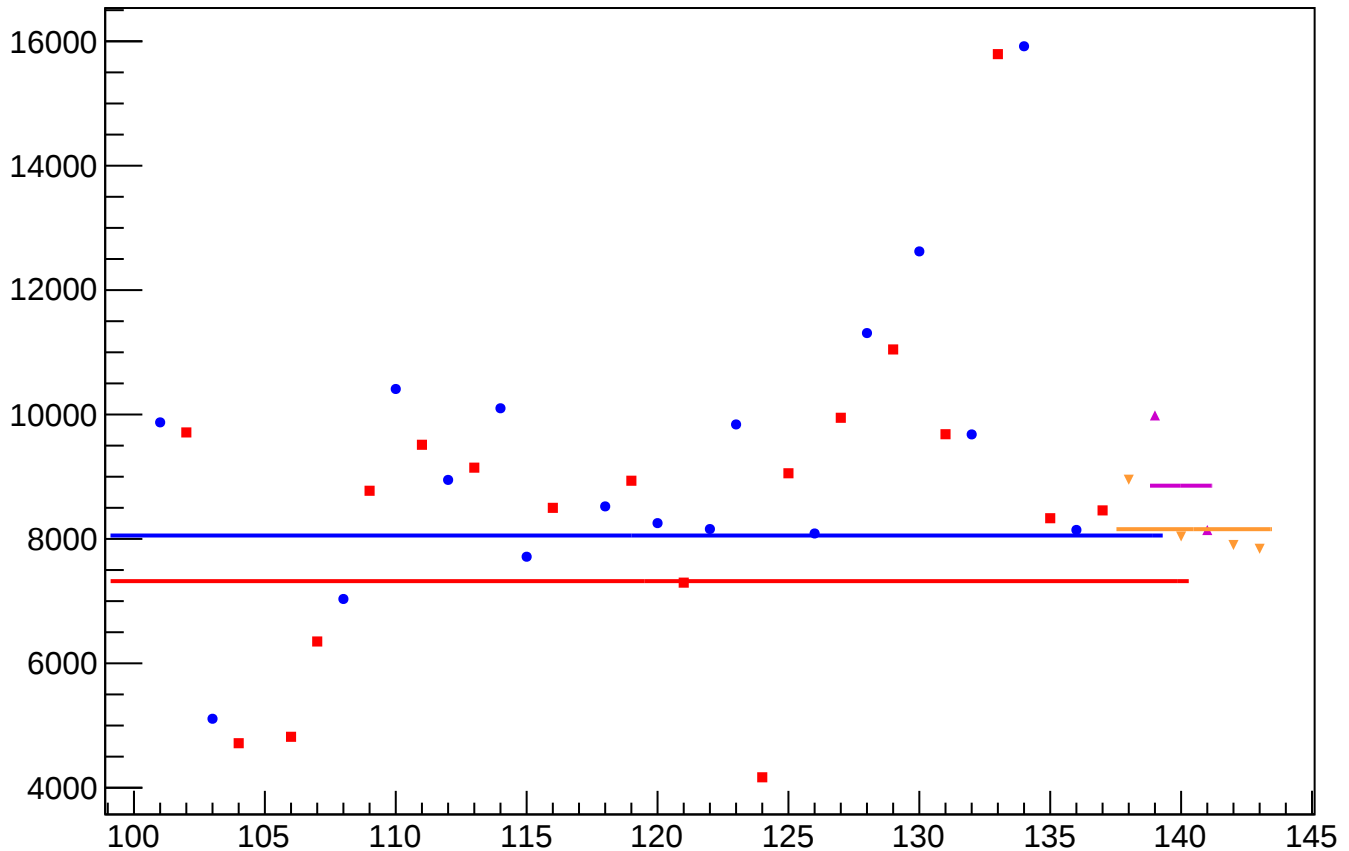
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

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

Out: 392.350+/-2512.024 χ^2/NDF : 19.4/21

All: -1408.994+/-1904.670 χ^2/NDF : 34.6/40

asym_atr2_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 8855.853+/-4.926 χ^2/NDF :33184.2/1

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

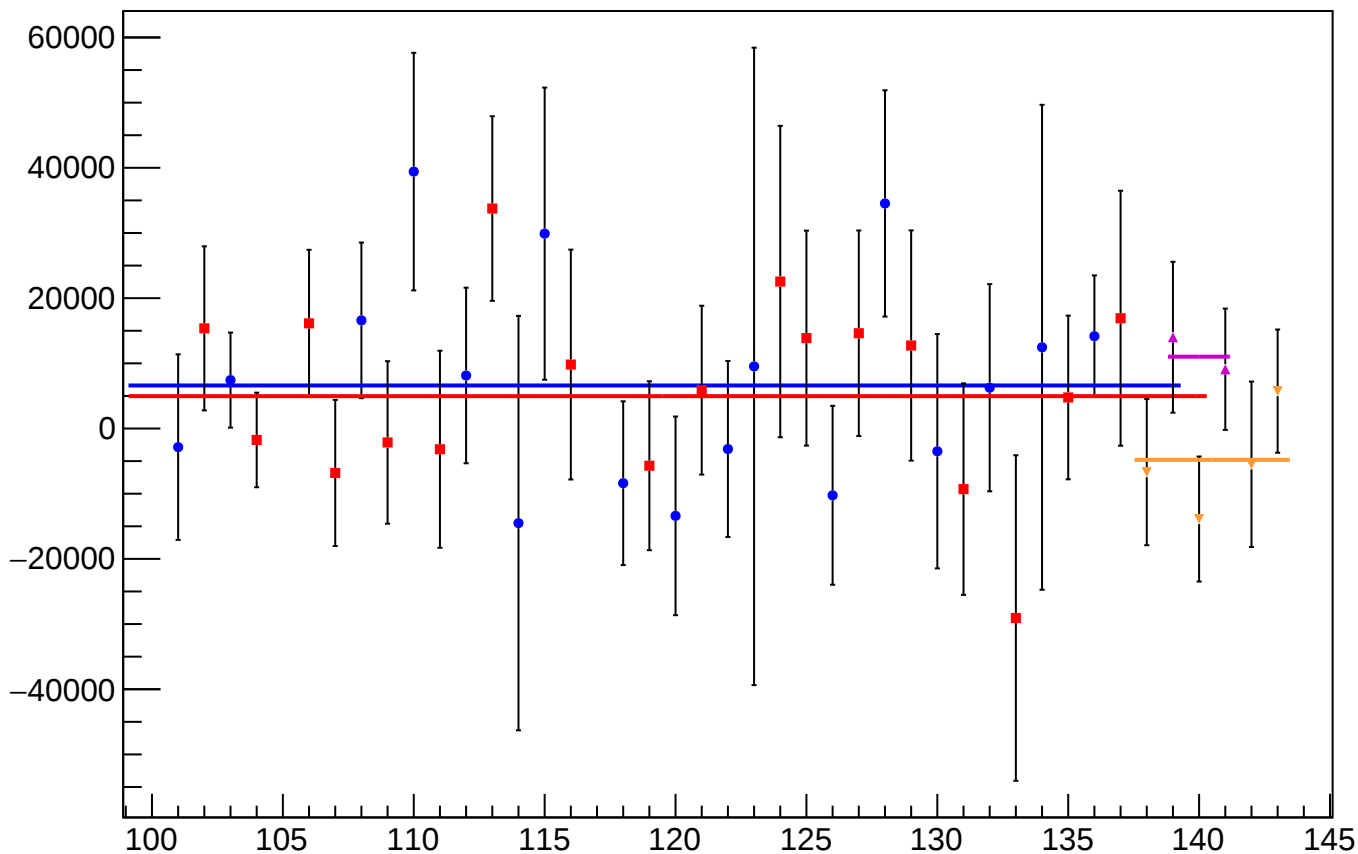
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

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

Out: 7535.017+/-1.776 χ^2/NDF :1393058.9/21

All: 7815.842+/-1.347 χ^2/NDF : 2327598.7/40

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: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 11023.672+/-7253.222 χ^2/NDF : 0.1/1

Left: 644.792+/-4255.461 χ^2/NDF : 5.4/5

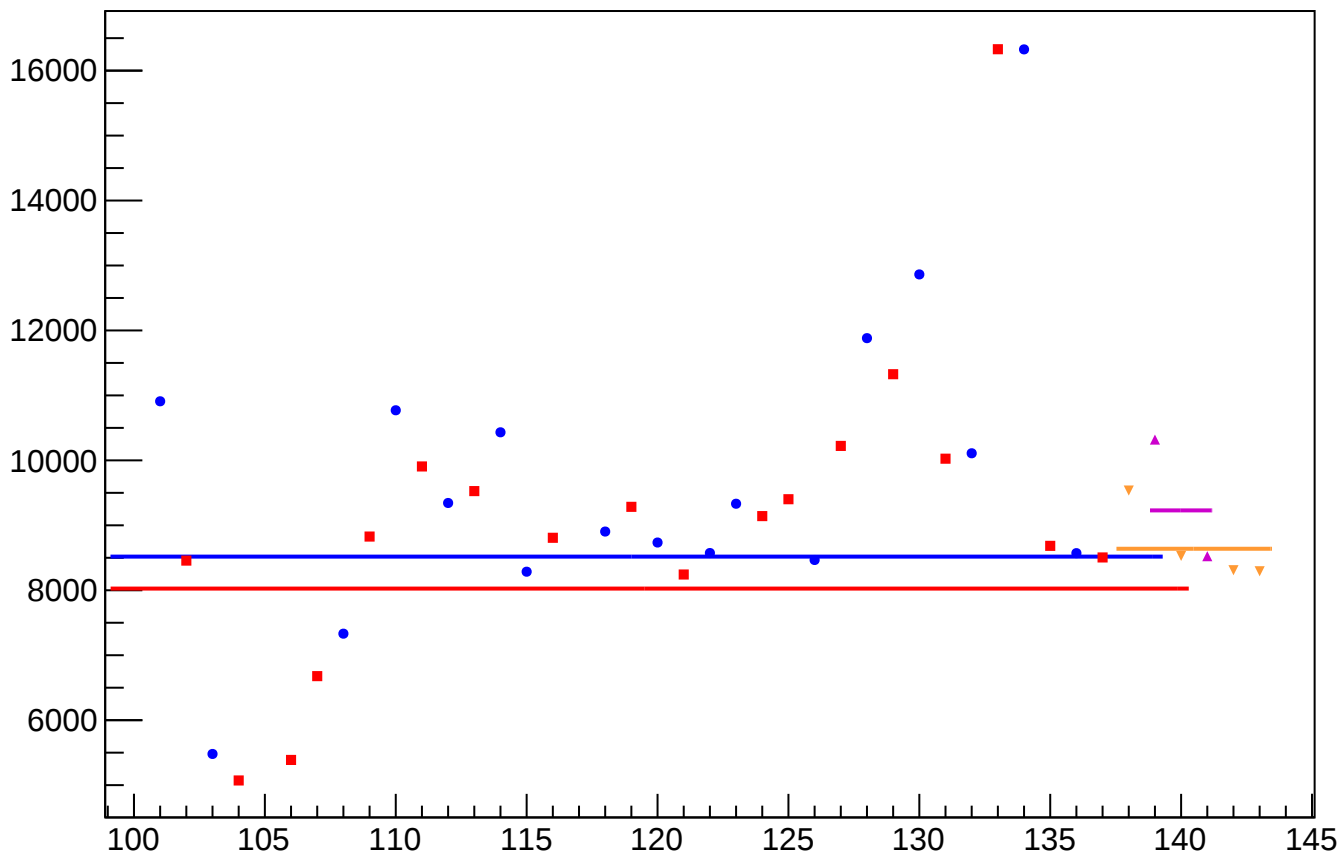
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

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

Out: 2352.570+/-2718.667 χ^2/NDF : 18.2/21

All: 4567.217+/-2036.914 χ^2/NDF : 34.9/40

asym_atr2_rms vs Slug, Sign Corrected



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

Left Out: 8639.115 $\pm$ 3.716 χ^2/NDF : 17081.5/3

Right Out: 8026.045 $\pm$ 2.246 χ^2/NDF : 942657.8/17

Left In: 9229.705 $\pm$ 5.129 χ^2/NDF : 29228.7/1

Left: 8842.406 $\pm$ 3.009 χ^2/NDF : 55005.8/5

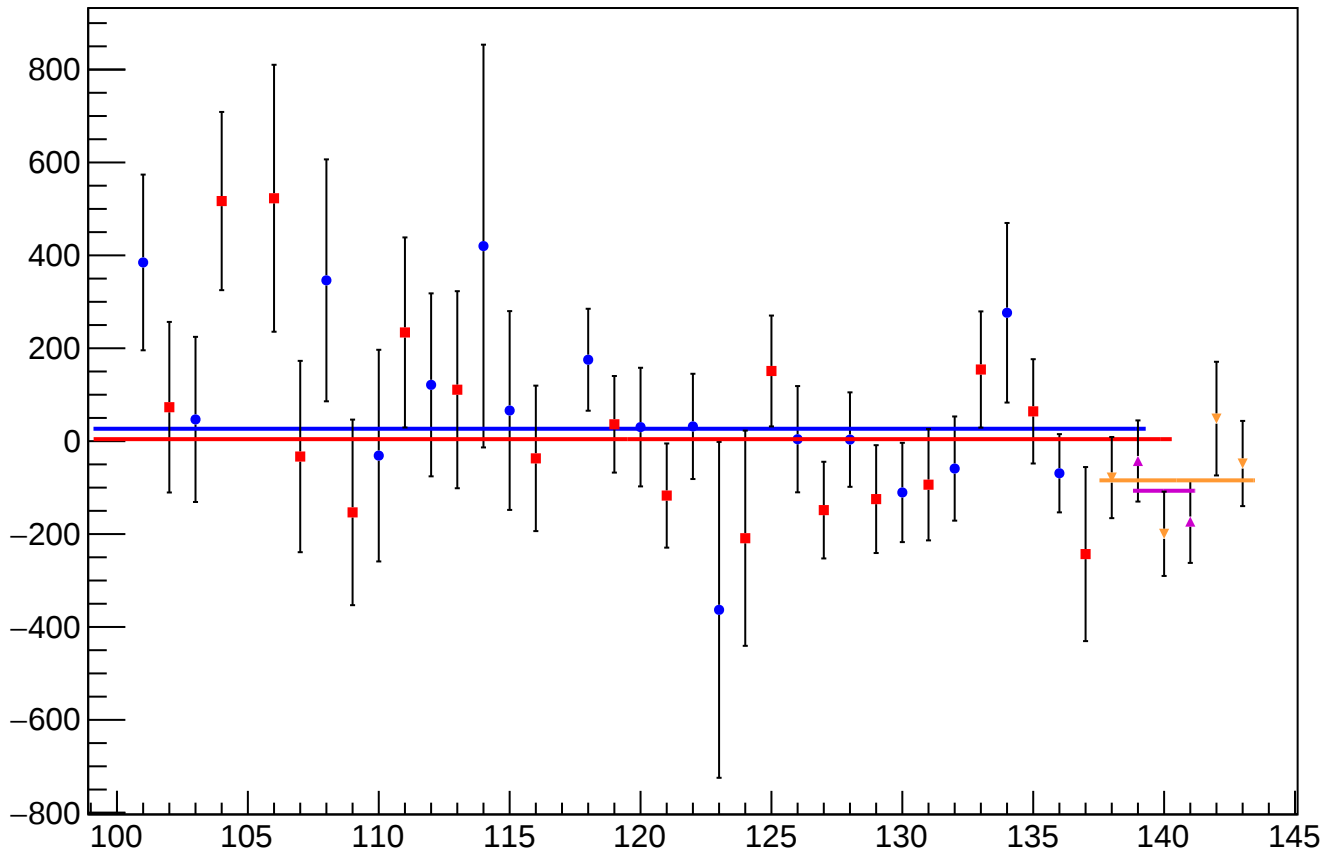
Right: 8255.767 $\pm$ 1.640 χ^2/NDF : 1737062.4/34

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

Out: 8190.129 $\pm$ 1.922 χ^2/NDF : 979675.4/21

All: 8390.171 $\pm$ 1.440 χ^2/NDF : 1821368.4/40

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: 4.338+/-33.842 χ^2/NDF : 23.9/17

Left In: -106.751+/-62.326 χ^2/NDF : 1.1/1

Left: -92.644+/-37.917 χ^2/NDF : 4.1/5

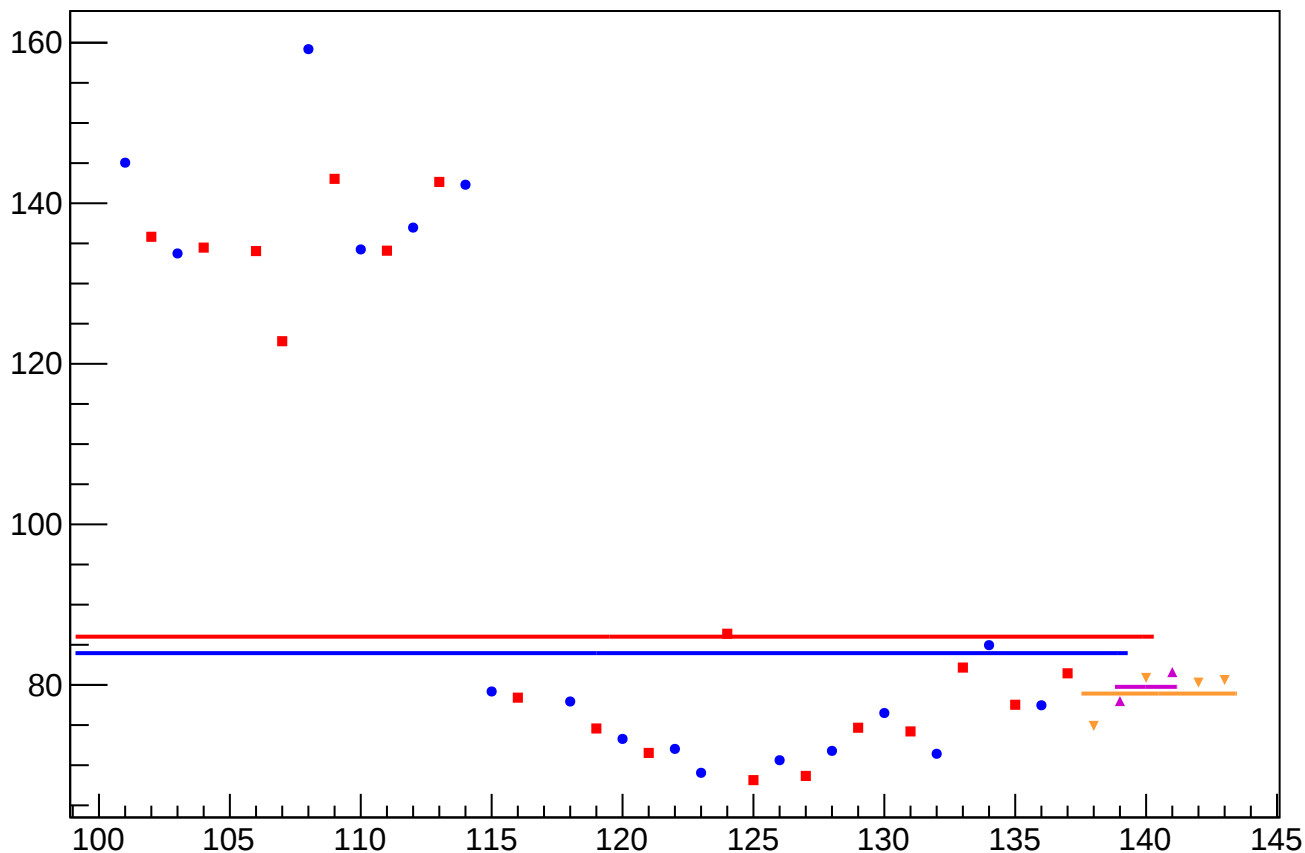
Right: 15.597+/-23.853 χ^2/NDF : 38.7/34

In: -3.378+/-29.594 χ^2/NDF : 19.2/18

Out: -25.295+/-27.616 χ^2/NDF : 29.2/21

All: -15.093+/-20.190 χ^2/NDF : 48.6/40

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: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

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

Left: 79.234+/-0.027 χ^2/NDF : 8002.2/5

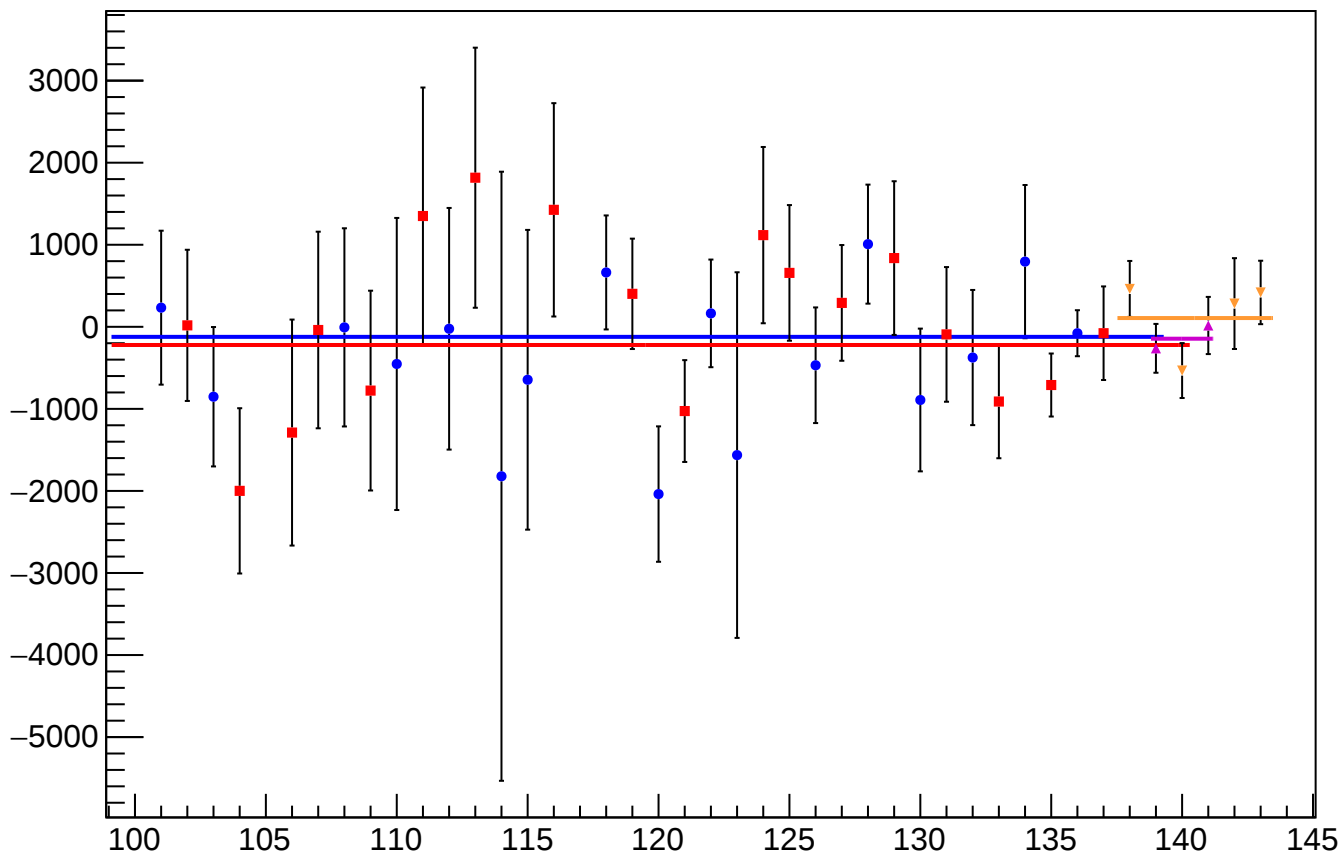
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

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

Out: 83.644+/-0.020 χ^2/NDF : 1061817.6/21

All: 83.351+/-0.014 χ^2/NDF : 2031262.8/40

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: -221.525 ± 185.098 χ^2/NDF : 18.0/17

Left In: -144.928 ± 226.252 χ^2/NDF : 0.4/1

Left: 2.214 ± 145.826 χ^2/NDF : 6.6/5

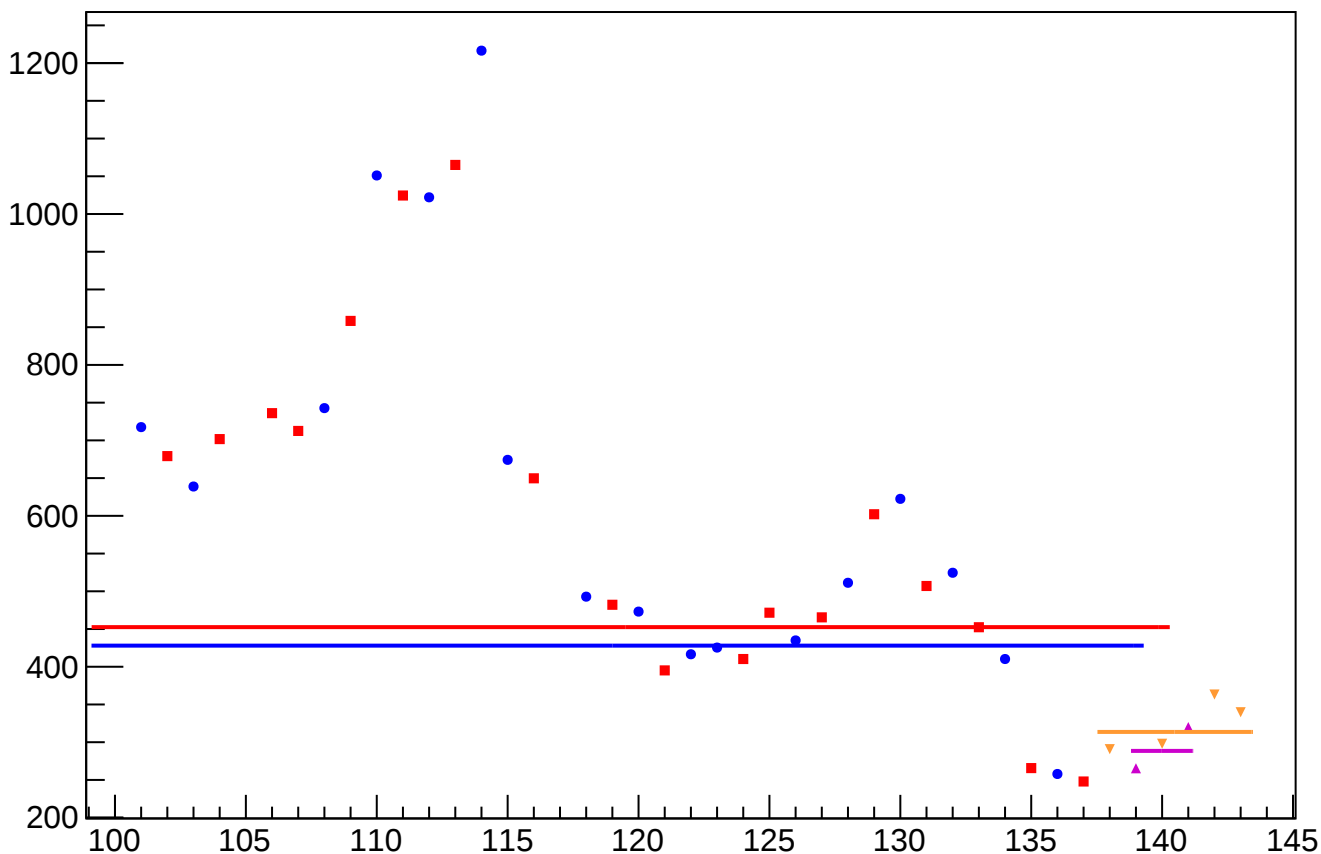
Right: -170.470 ± 128.892 χ^2/NDF : 31.2/34

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

Out: -62.290 ± 132.829 χ^2/NDF : 25.0/21

All: -94.733 ± 96.575 χ^2/NDF : 38.6/40

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 313.624 $\pm$ 0.135 χ^2 /NDF:38516.2/3

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 288.477 $\pm$ 0.160 χ^2 /NDF:28406.2/1

Left: 303.178 $\pm$ 0.103 χ^2 /NDF: 81365.0/5

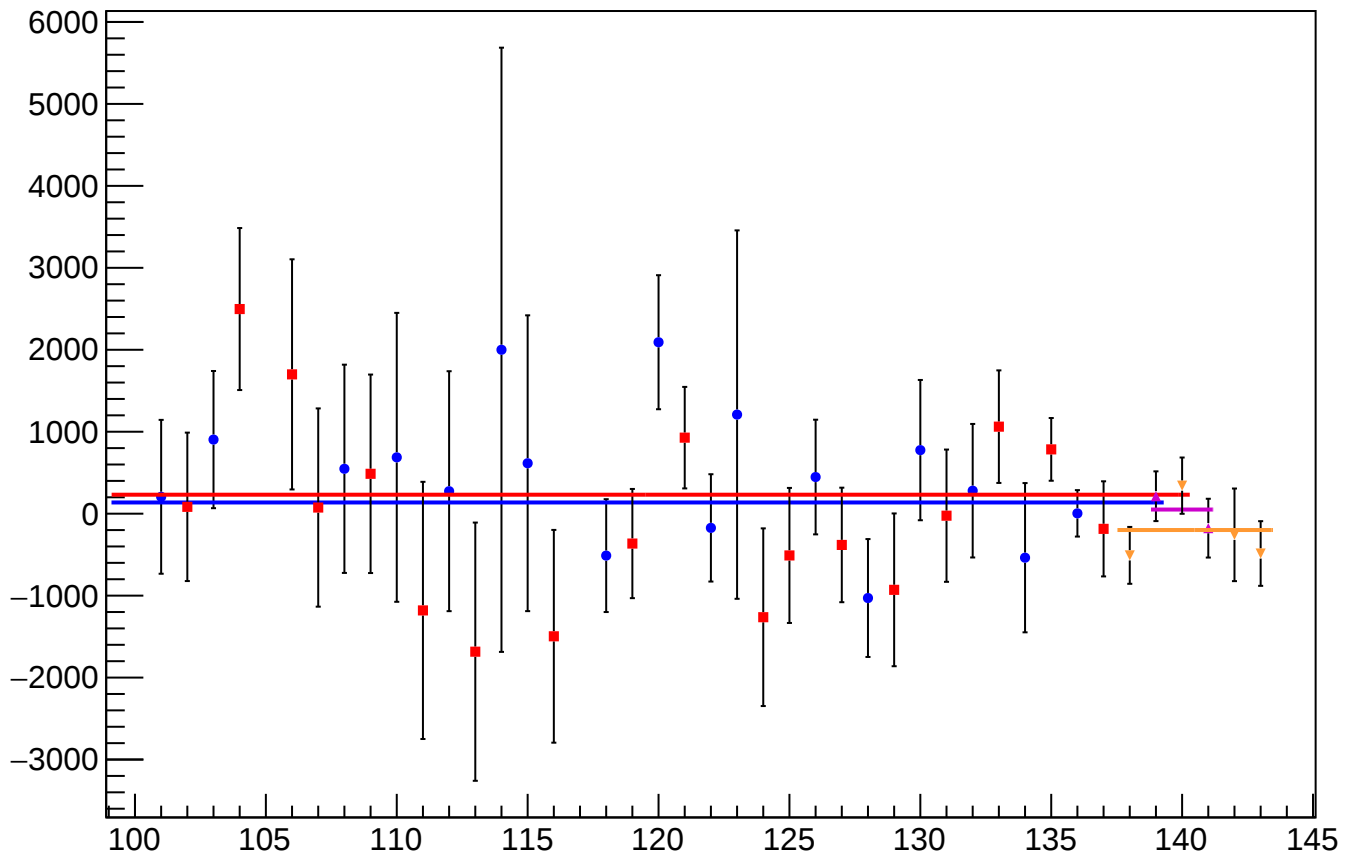
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 374.063 $\pm$ 0.099 χ^2 /NDF:2557147.8/18

Out: 385.145 $\pm$ 0.094 χ^2 /NDF:2657677.2/21

All: 379.921 $\pm$ 0.068 χ^2 /NDF: 5221387.1/40

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 χ^2/NDF : 12.6/16

Left Out: -199.394 ± 194.811 χ^2/NDF : 3.8/3

Right Out: 231.586 ± 184.578 χ^2/NDF : 21.8/17

Left In: 50.465 ± 231.666 χ^2/NDF : 0.7/1

Left: -95.897 ± 149.101 χ^2/NDF : 5.2/5

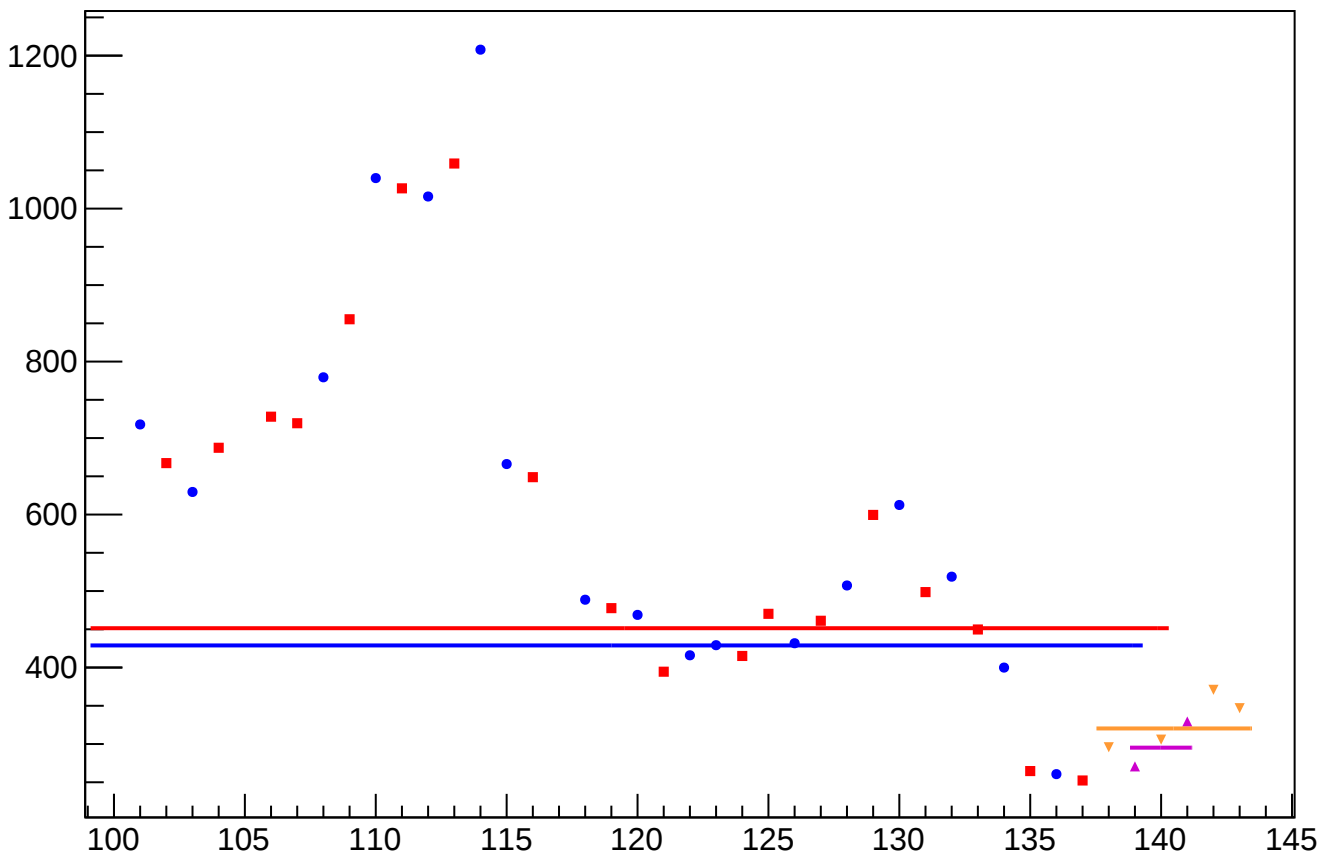
Right: 182.905 ± 128.724 χ^2/NDF : 34.5/34

In: 104.394 ± 141.945 χ^2/NDF : 13.4/18

Out: 27.712 ± 133.988 χ^2/NDF : 28.2/21

All: 63.844 ± 97.436 χ^2/NDF : 41.7/40

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 320.352 $\pm$ 0.138 χ^2 /NDF:38667.5/3

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 295.241 $\pm$ 0.164 χ^2 /NDF:31202.5/1

Left: 309.950 $\pm$ 0.105 χ^2 /NDF: 83634.8/5

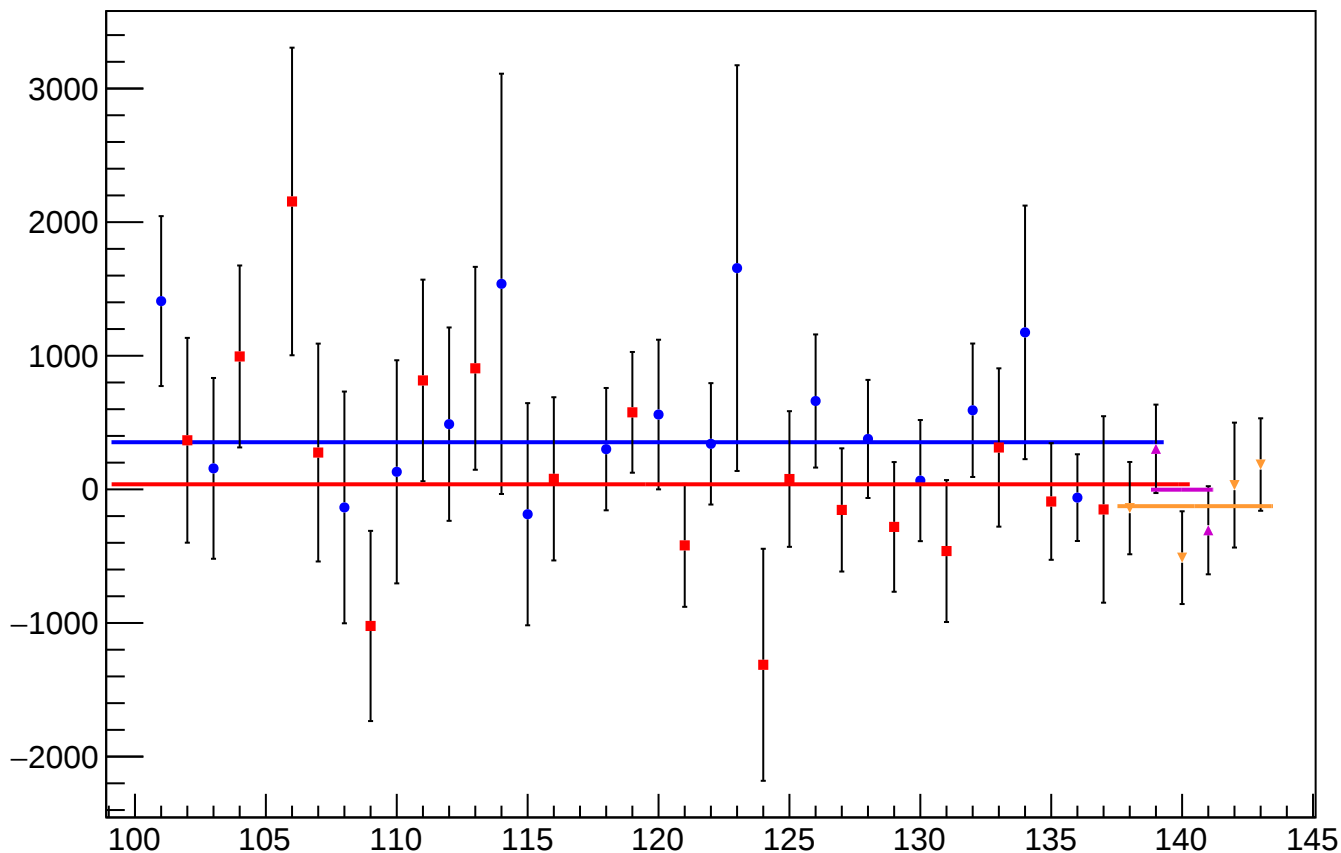
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 378.715 $\pm$ 0.100 χ^2 /NDF:2457535.0/18

Out: 389.414 $\pm$ 0.095 χ^2 /NDF:2546398.4/21

All: 384.373 $\pm$ 0.069 χ^2 /NDF: 5009941.9/40

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -125.668 ± 183.782 $\chi^2/\text{NDF}: 2.2/3$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -2.349 ± 233.562 $\chi^2/\text{NDF}: 1.7/1$

Left: -78.511 ± 144.430 $\chi^2/\text{NDF}: 4.0/5$

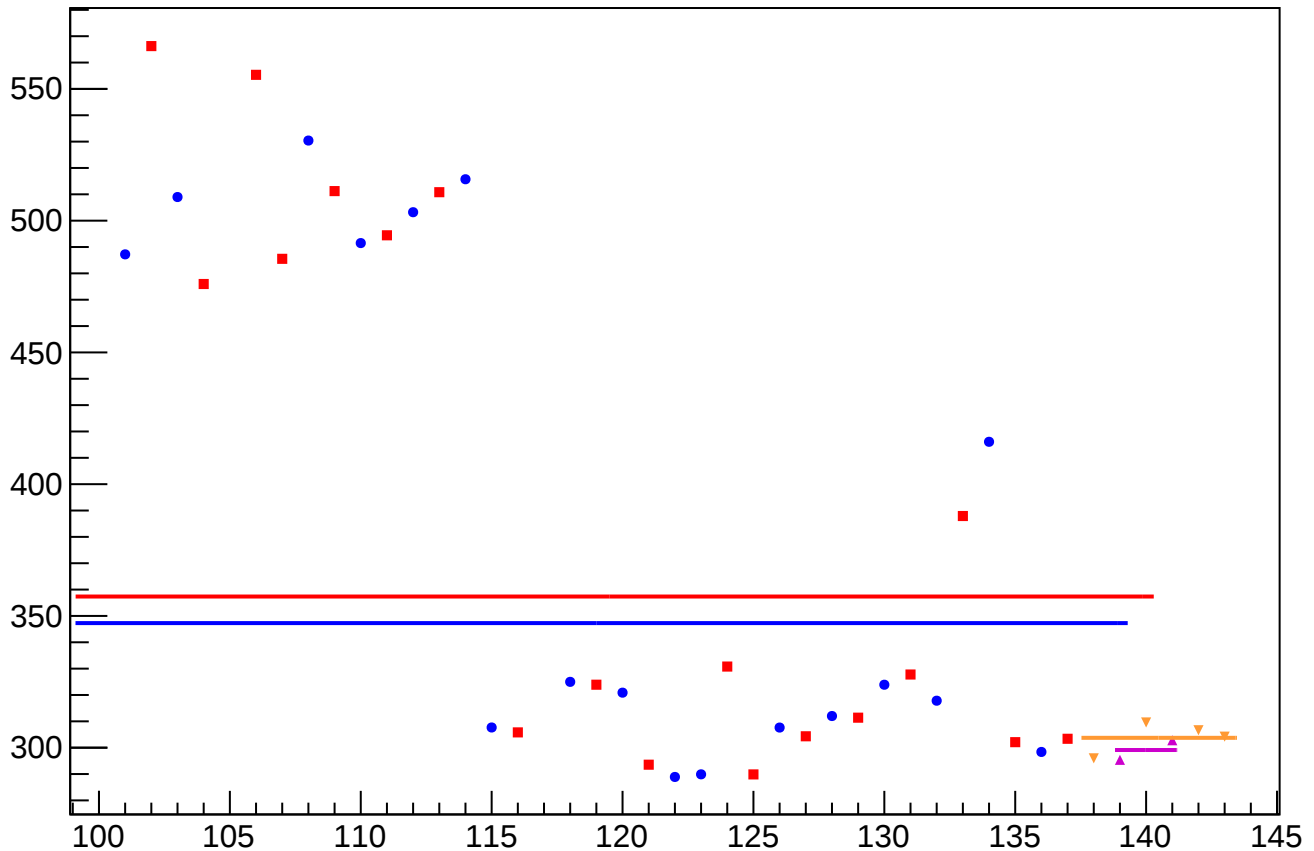
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 261.687 ± 118.362 $\chi^2/\text{NDF}: 12.0/18$

Out: -21.580 ± 110.874 $\chi^2/\text{NDF}: 19.6/21$

All: 110.810 ± 80.918 $\chi^2/\text{NDF}: 34.6/40$

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: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 299.119+/-0.165 χ^2/NDF :505.3/1

Left: 301.975+/-0.102 χ^2/NDF : 2647.5/5

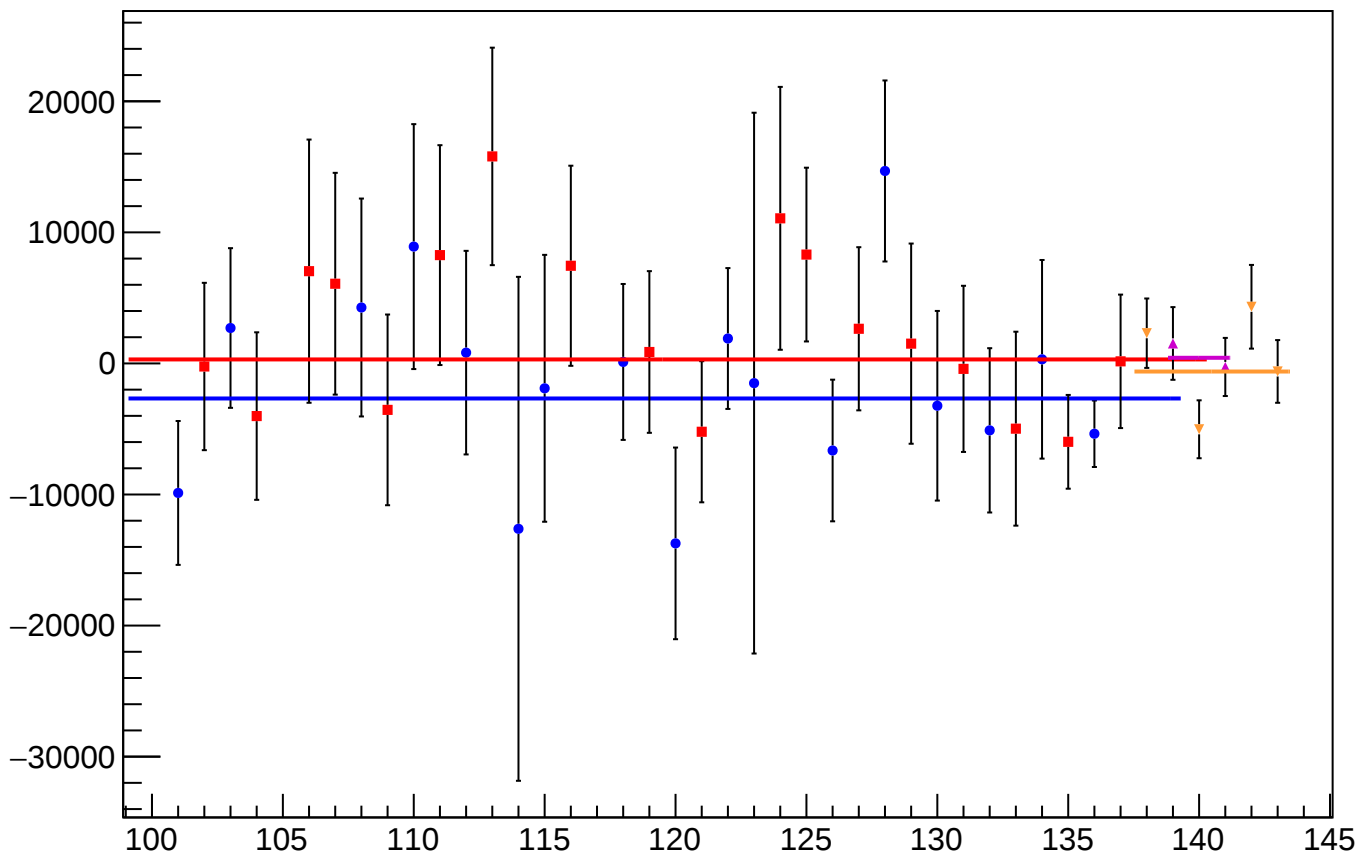
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 334.911+/-0.084 χ^2/NDF :682609.6/18

Out: 337.849+/-0.078 χ^2/NDF :869883.7/21

All: 336.476+/-0.057 χ^2/NDF : 1553149.4/40

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -617.722+/-1269.723 χ^2/NDF : 7.6/3

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: 430.242+/-1731.757 χ^2/NDF : 0.3/1

Left: -251.325+/-1023.976 χ^2/NDF : 8.1/5

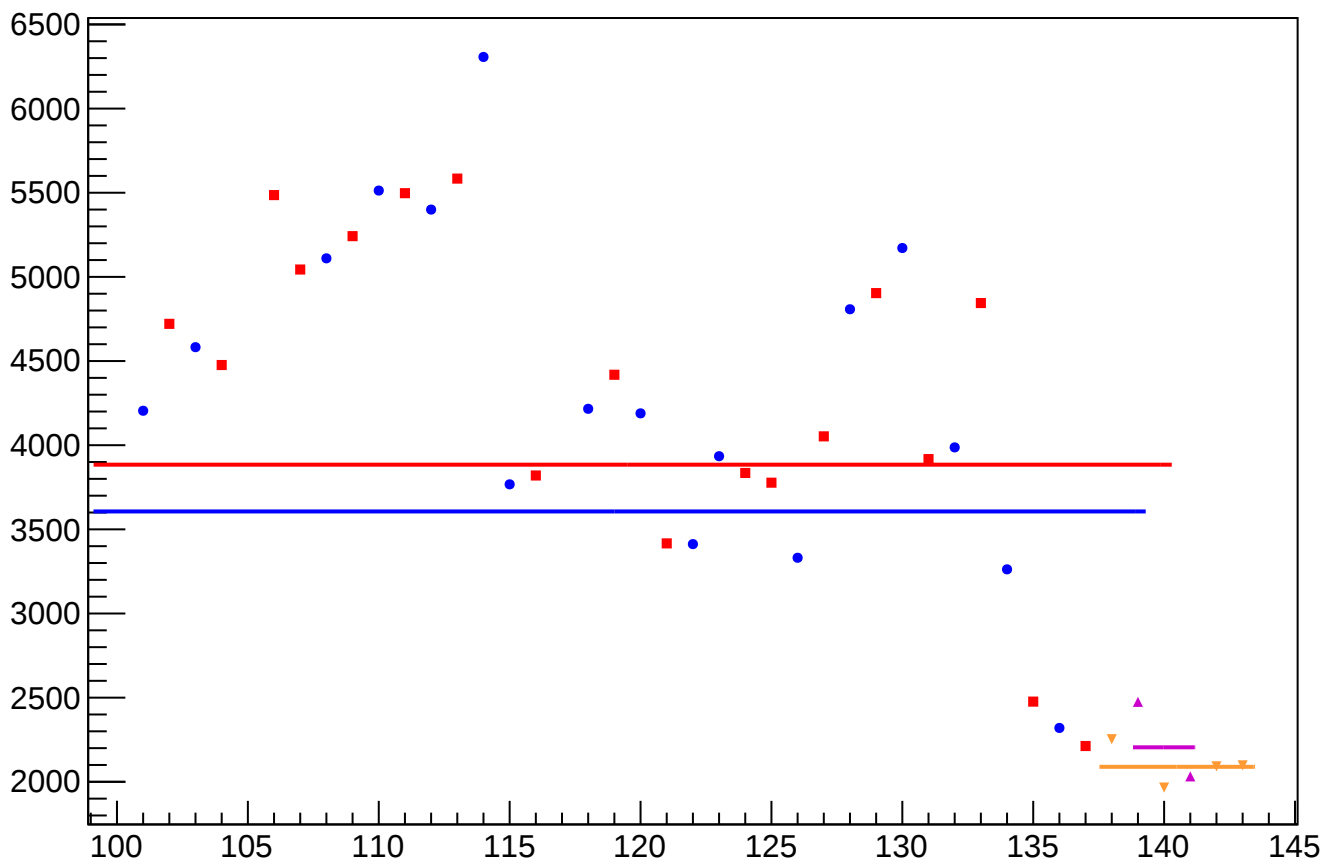
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -1388.237+/-1114.531 χ^2/NDF : 18.9/18

Out: -237.919+/-973.892 χ^2/NDF : 22.2/21

All: -735.963+/-733.360 χ^2/NDF : 41.7/40

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: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2204.945+/-1.225 χ^2/NDF :31120.1/1

Left: 2129.532+/-0.724 χ^2/NDF : 50861.0/5

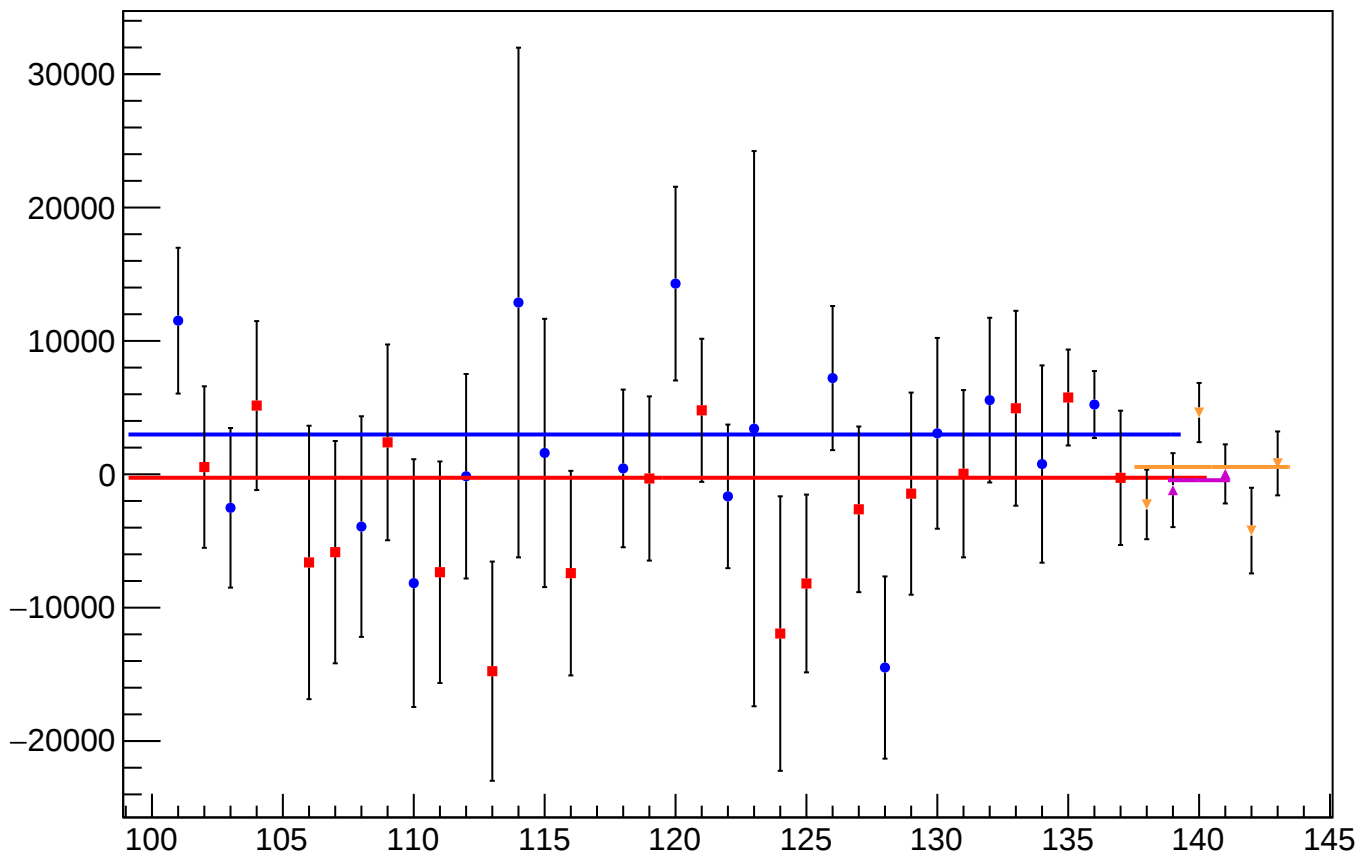
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 3025.893+/-0.788 χ^2/NDF :1890889.6/18

Out: 2828.068+/-0.689 χ^2/NDF :2654433.5/21

All: 2913.719+/-0.519 χ^2/NDF : 4581052.2/40

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: -259.721 $\pm$ 1510.344 χ^2 /NDF: 13.5/17

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

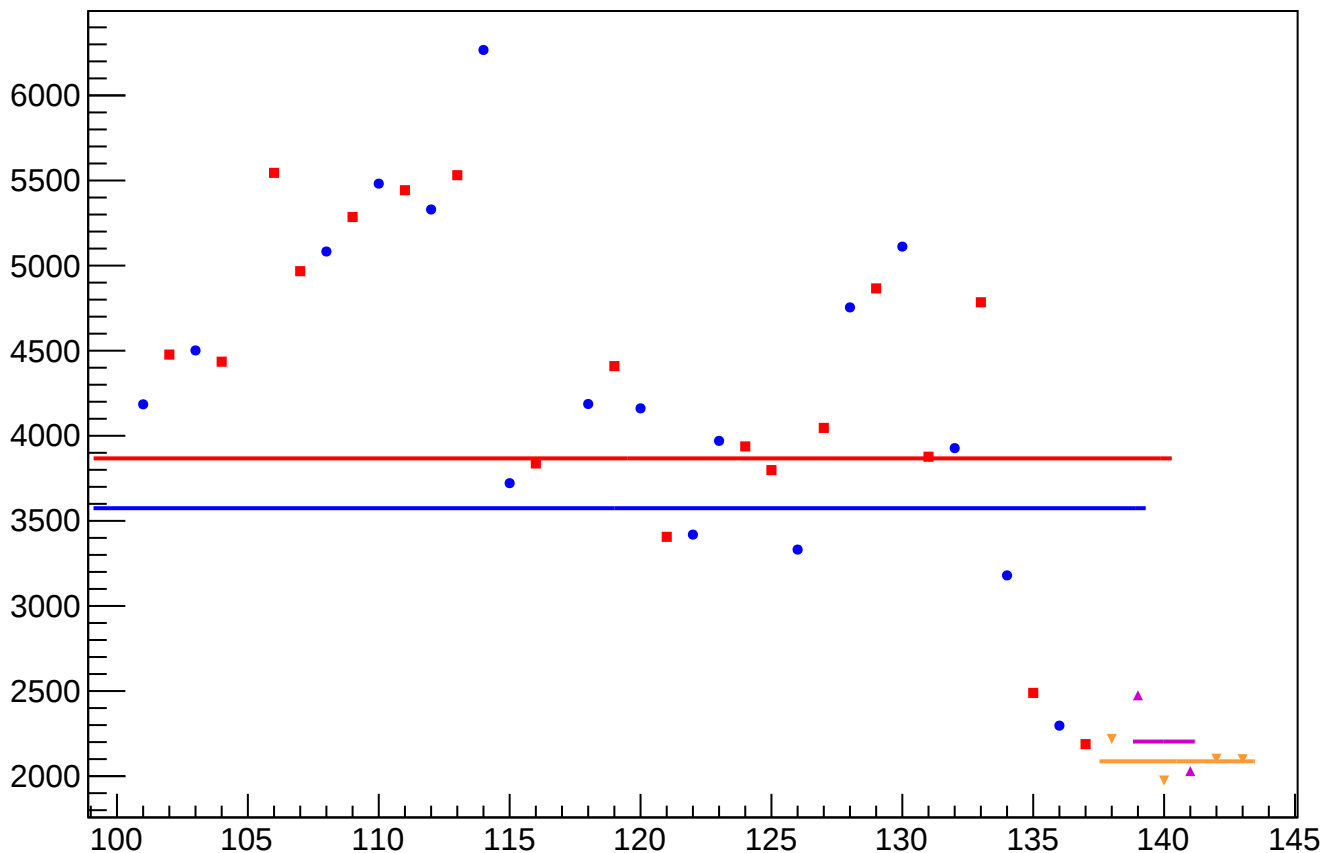
Right: 1435.156 $\pm$ 1043.589 χ^2 /NDF: 33.3/34

In: 1577.312 $\pm$ 1108.680 χ^2 /NDF: 19.9/18

Out: 214.396 $\pm$ 971.749 χ^2 /NDF: 20.4/21

All: 806.535 $\pm$ 730.775 χ^2 /NDF: 41.1/40

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: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

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

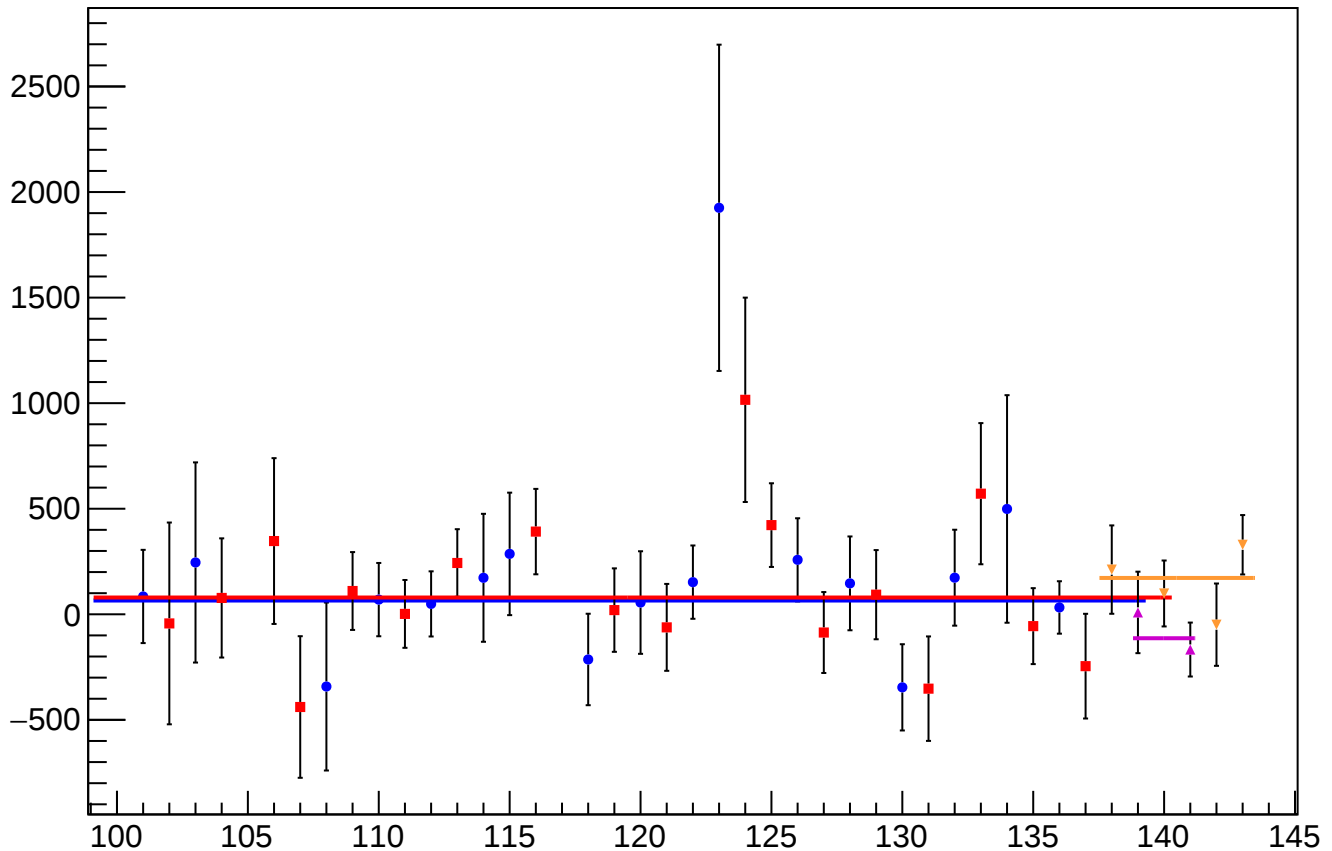
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 3011.933 $\pm$ 0.784 χ^2 /NDF:1862892.7/18

Out: 2824.003 $\pm$ 0.687 χ^2 /NDF:2606674.9/21

All: 2905.652 $\pm$ 0.517 χ^2 /NDF: 4502066.6/40

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: 79.473+/-52.344 χ^2/NDF : 22.2/17

Left In: -113.407+/-106.513 χ^2/NDF : 0.6/1

Left: 62.174+/-66.107 χ^2/NDF : 7.8/5

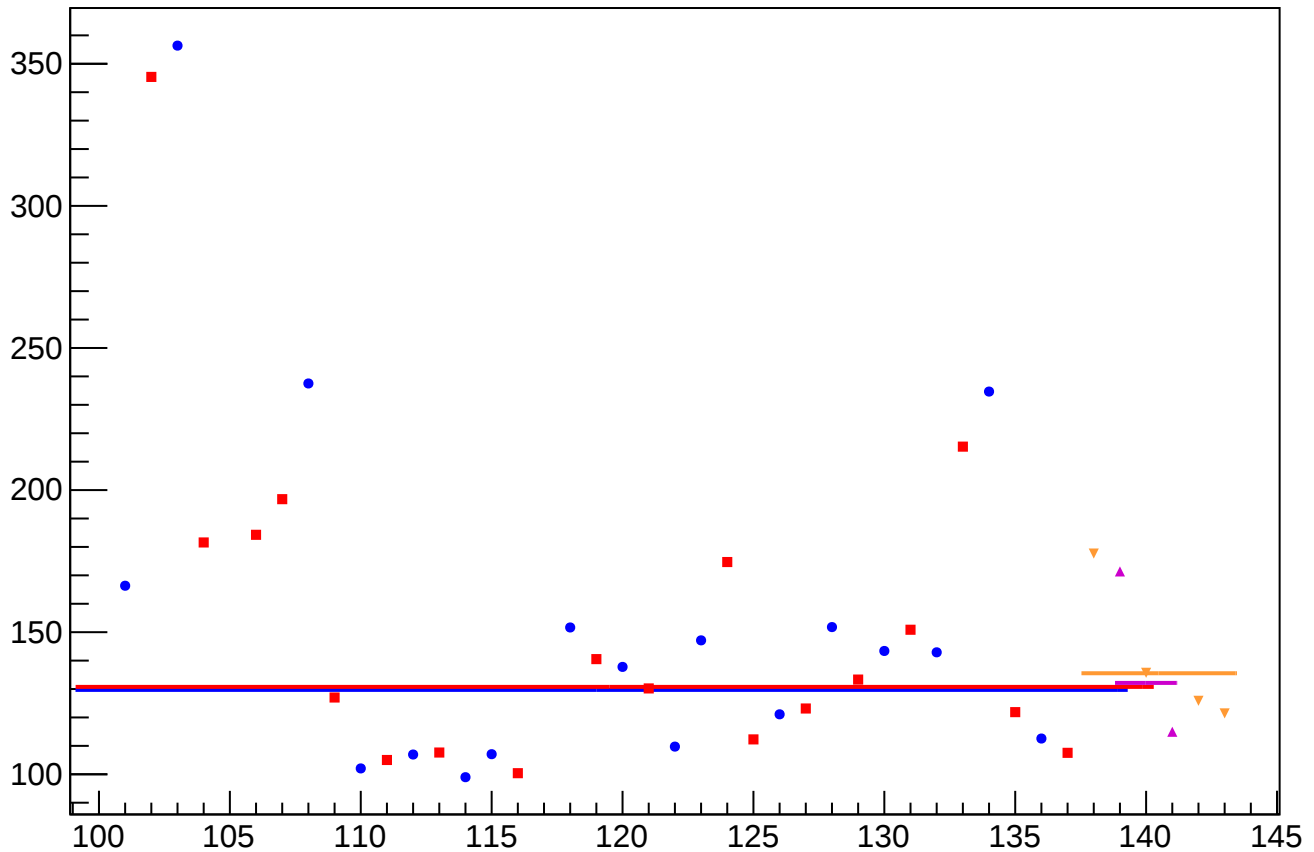
Right: 72.397+/-37.138 χ^2/NDF : 37.9/34

In: 30.095+/-47.235 χ^2/NDF : 18.6/18

Out: 105.267+/-44.470 χ^2/NDF : 25.8/21

All: 69.945+/-32.378 χ^2/NDF : 45.7/40

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: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

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

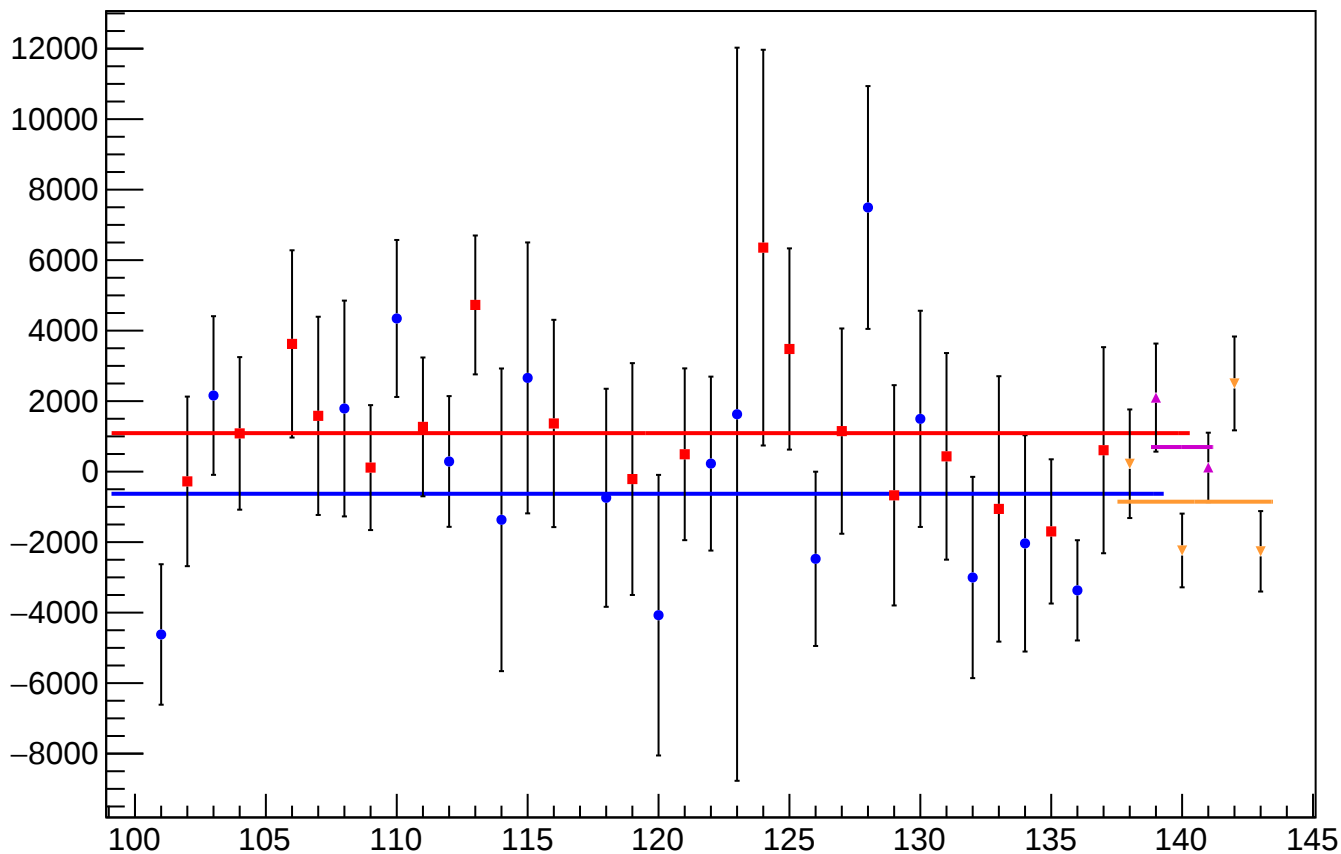
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 130.180 $\pm$ 0.033 χ^2 /NDF:1109399.7/18

Out: 132.086 $\pm$ 0.031 χ^2 /NDF:1038315.7/21

All: 131.190 $\pm$ 0.023 χ^2 /NDF: 2149443.3/40

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: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: 698.101+/-828.484 χ^2/NDF :1.2/1

Left: -305.060+/-492.373 χ^2/NDF : 13.6/5

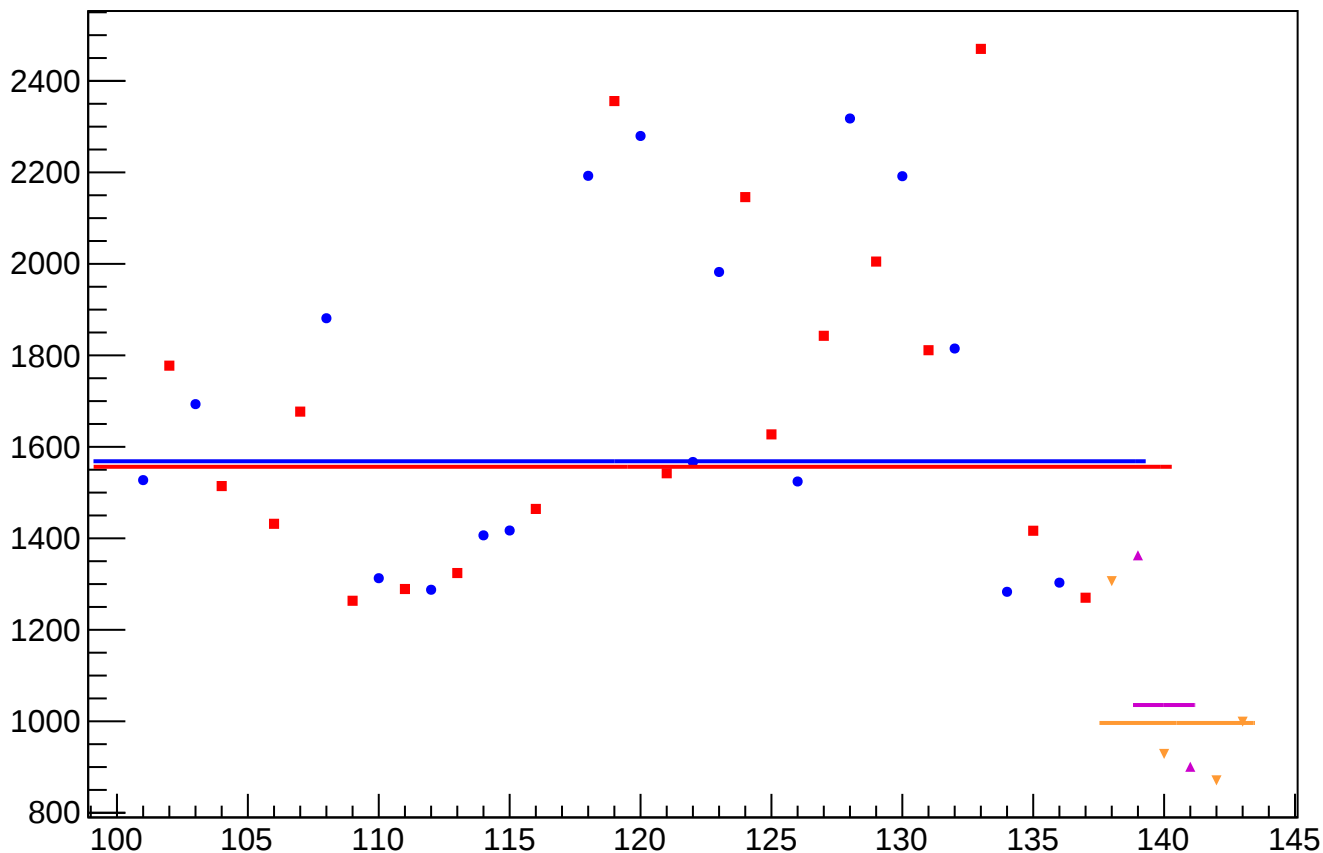
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: -150.594+/-497.154 χ^2/NDF :27.1/18

Out: 139.988+/-428.331 χ^2/NDF :24.6/21

All: 16.187+/-324.503 χ^2/NDF : 51.9/40

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: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 1035.614+/-0.586 χ^2/NDF :128707.8/1

Left: 1010.246+/-0.348 χ^2/NDF : 238762.0/5

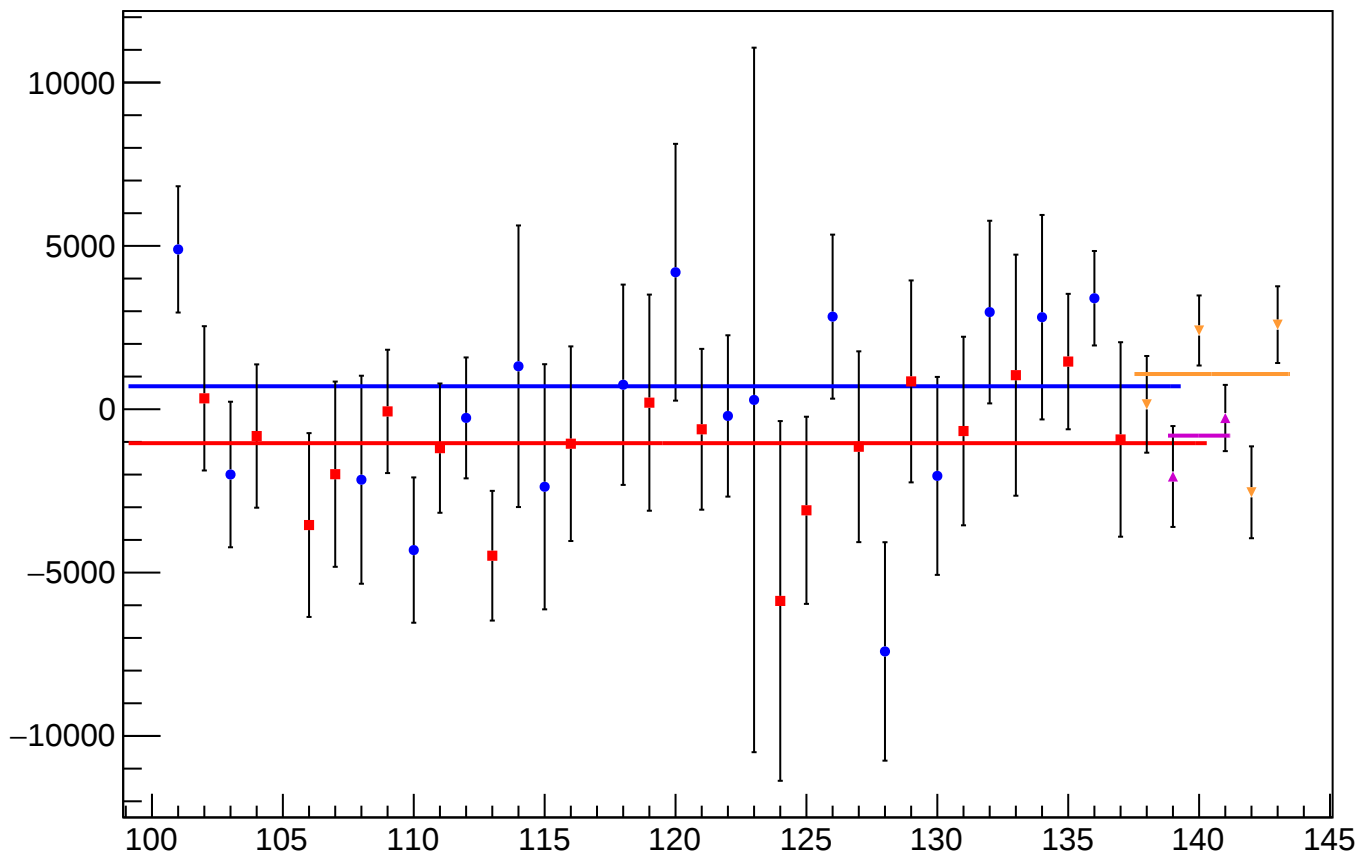
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1376.600+/-0.352 χ^2/NDF :1192344.1/18

Out: 1282.295+/-0.303 χ^2/NDF :1471969.5/21

All: 1322.473+/-0.229 χ^2/NDF : 2705617.3/40

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1078.161+/-625.344 χ^2/NDF :10.2/3

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -807.834+/-847.416 χ^2/NDF :0.9/1

Left: 413.224+/-503.172 χ^2/NDF : 14.4/5

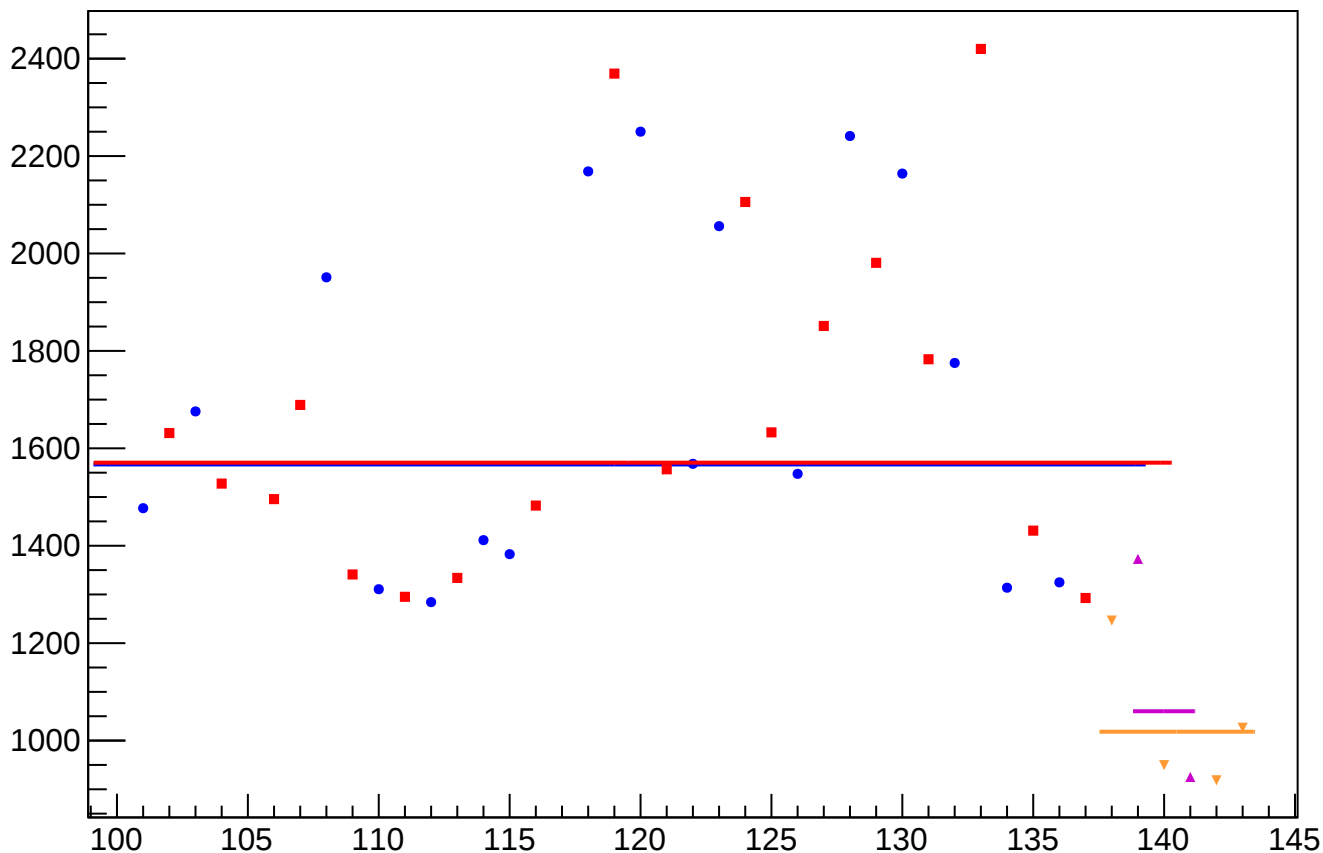
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 175.589+/-500.701 χ^2/NDF :29.0/18

Out: -16.430+/-434.535 χ^2/NDF :24.3/21

All: 66.062+/-328.181 χ^2/NDF : 53.4/40

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: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

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

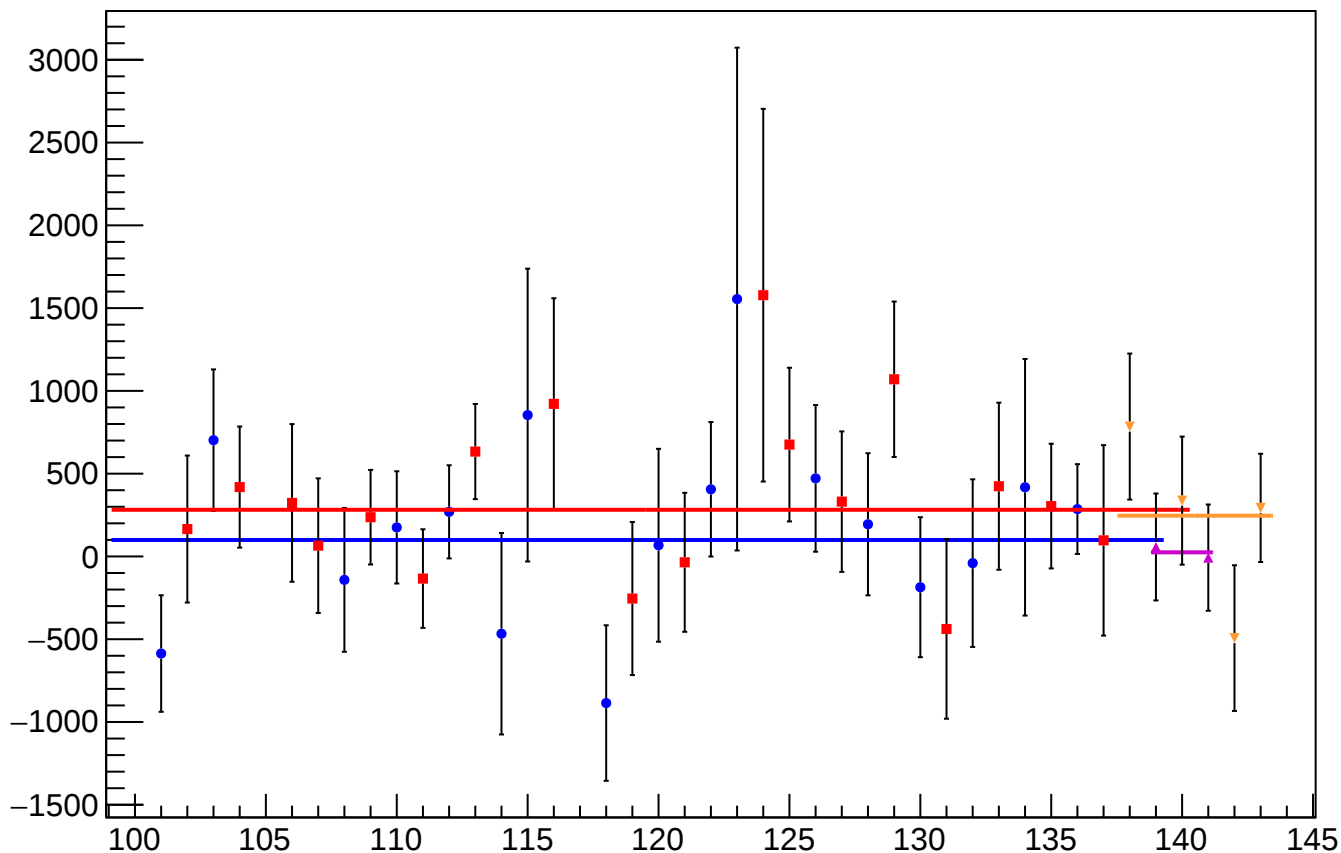
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1390.044 $\pm$ 0.354 χ^2 /NDF: 1082742.8/18

Out: 1303.842 $\pm$ 0.307 χ^2 /NDF: 1312146.0/21

All: 1340.875 $\pm$ 0.232 χ^2 /NDF: 2428701.6/40

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: 281.830+/-97.880 χ^2/NDF : 13.7/17

Left In: 24.766+/-227.625 χ^2/NDF : 0.0/1

Left: 152.541+/-148.004 χ^2/NDF : 5.0/5

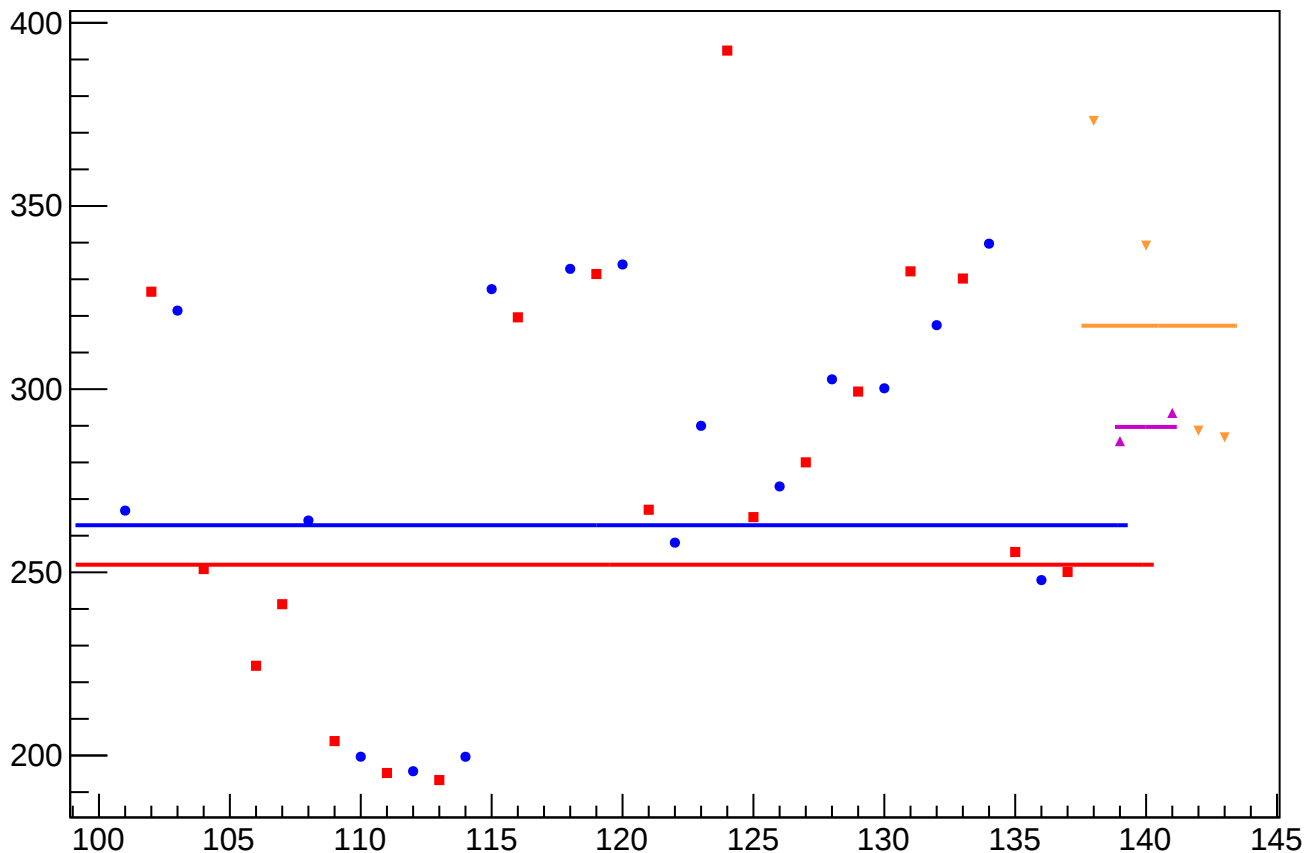
Right: 195.664+/-71.104 χ^2/NDF : 31.3/34

In: 86.610+/-94.190 χ^2/NDF : 16.0/18

Out: 274.634+/-87.461 χ^2/NDF : 18.1/21

All: 187.578+/-64.091 χ^2/NDF : 36.3/40

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 317.321 $\pm$ 0.138 χ^2 /NDF:64385.2/3

Right Out: 252.079 $\pm$ 0.069 χ^2 /NDF: 515150.4/17

Left In: 289.690 $\pm$ 0.161 χ^2 /NDF:570.8/1

Left: 305.639 $\pm$ 0.105 χ^2 /NDF: 81967.4/5

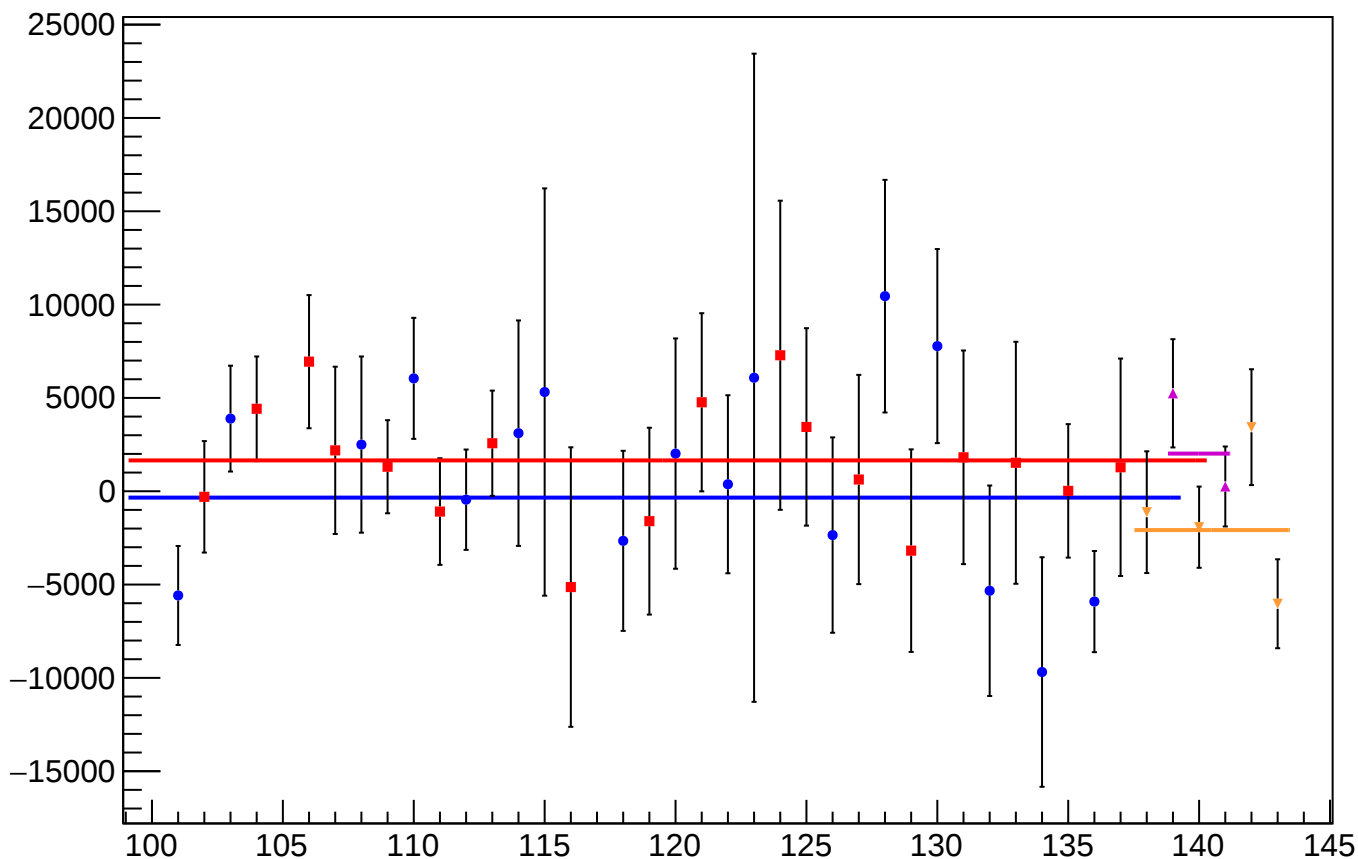
Right: 257.169 $\pm$ 0.050 χ^2 /NDF: 938300.0/34

In: 267.451 $\pm$ 0.067 χ^2 /NDF:435303.7/18

Out: 265.230 $\pm$ 0.062 χ^2 /NDF:758644.3/21

All: 266.258 $\pm$ 0.045 χ^2 /NDF: 1194545.2/40

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2080.543+/-1307.202 χ^2/NDF : 6.0/3

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 2017.563+/-1722.814 χ^2/NDF : 1.9/1

Left: -583.226+/-1041.367 χ^2/NDF : 11.5/5

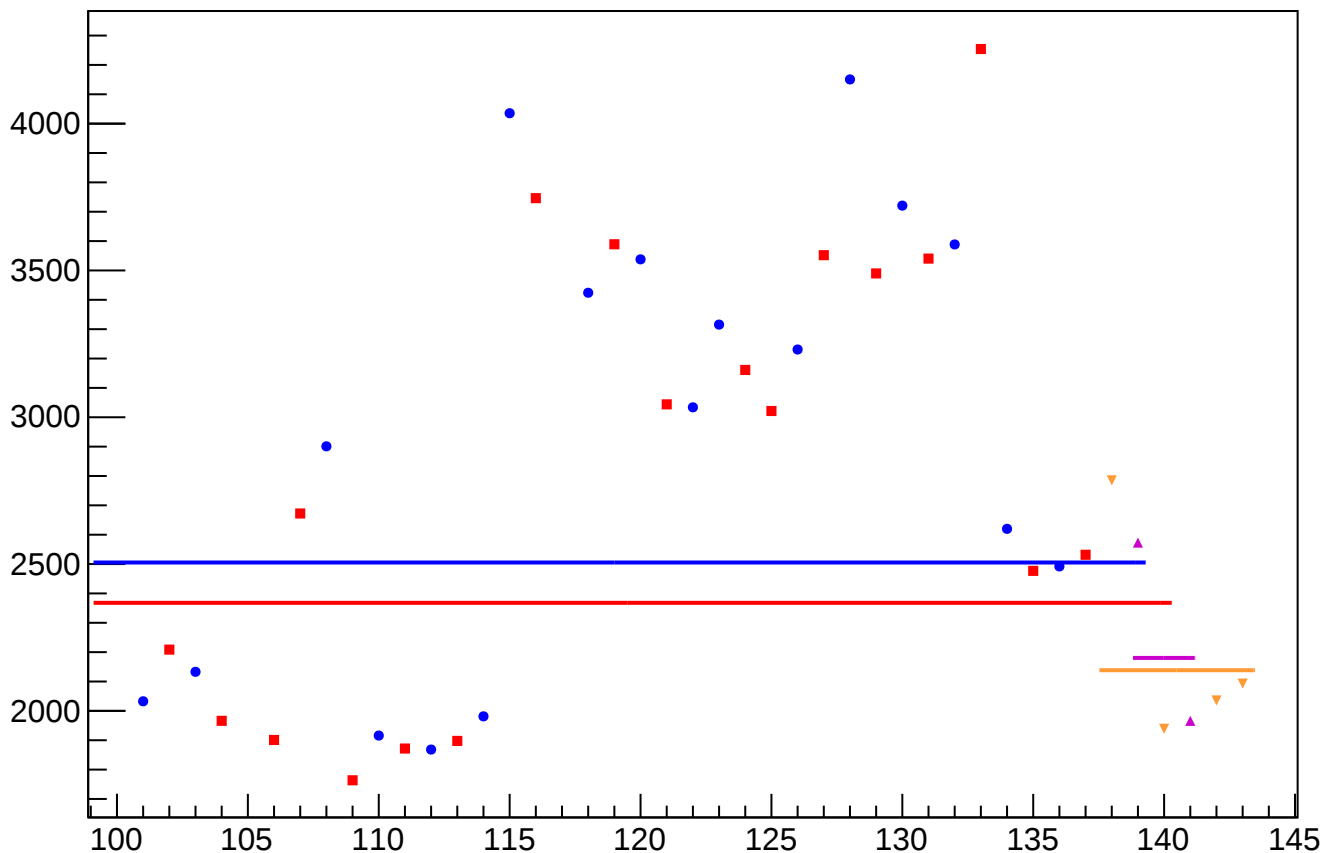
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 257.102+/-867.857 χ^2/NDF : 27.7/18

Out: 397.880+/-757.713 χ^2/NDF : 19.4/21

All: 336.986+/-570.778 χ^2/NDF : 47.1/40

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2138.442+/-0.924 χ^2/NDF : 98404.6/3

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2180.345+/-1.218 χ^2/NDF : 56723.4/1

Left: 2153.752+/-0.736 χ^2/NDF : 155878.8/5

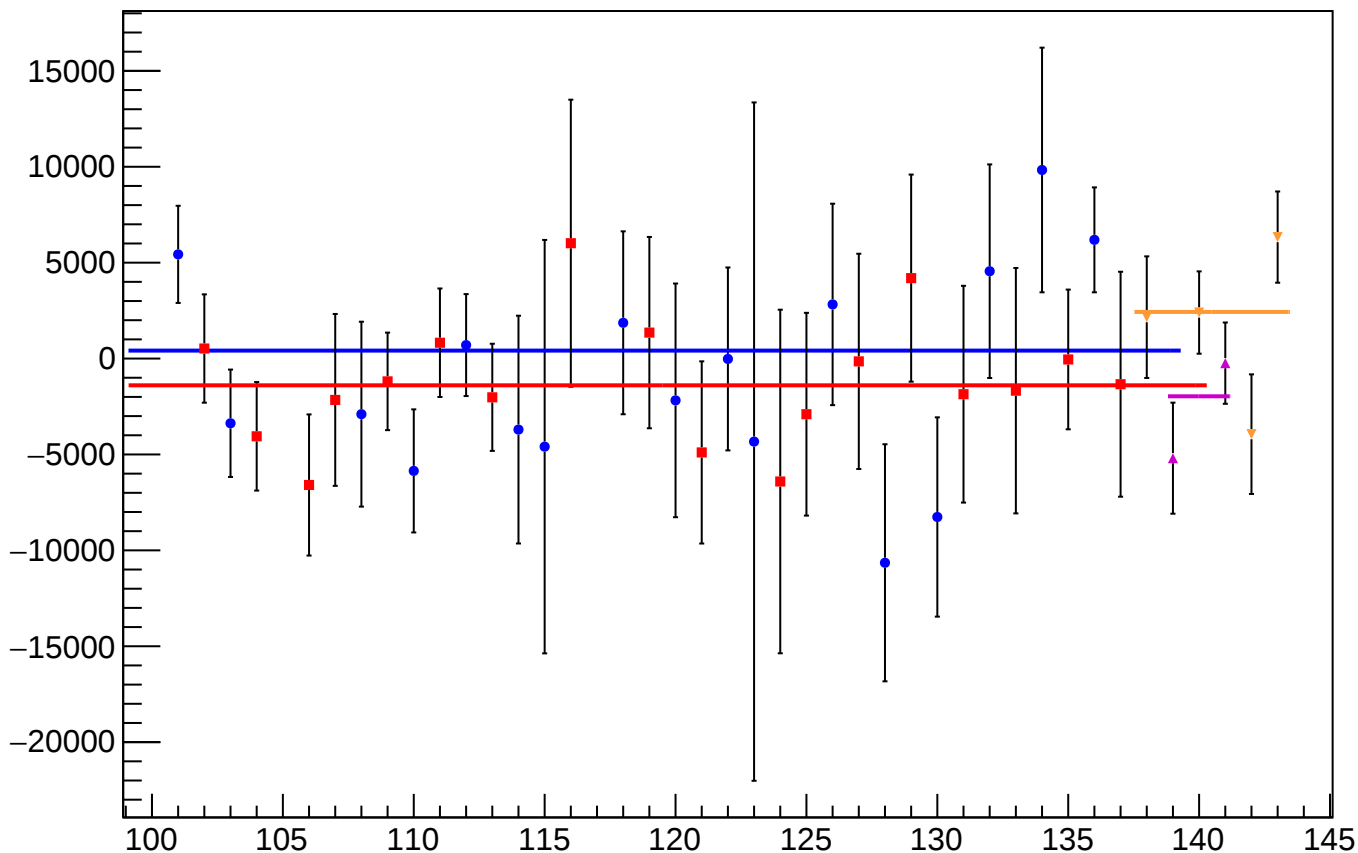
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2422.862+/-0.614 χ^2/NDF : 973964.8/18

Out: 2290.873+/-0.536 χ^2/NDF : 1170240.3/21

All: 2347.965+/-0.404 χ^2/NDF : 2170455.3/40

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: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -1967.795+/-1709.948 χ^2/NDF : 1.9/1

Left: 827.732+/-1032.416 χ^2/NDF : 13.0/5

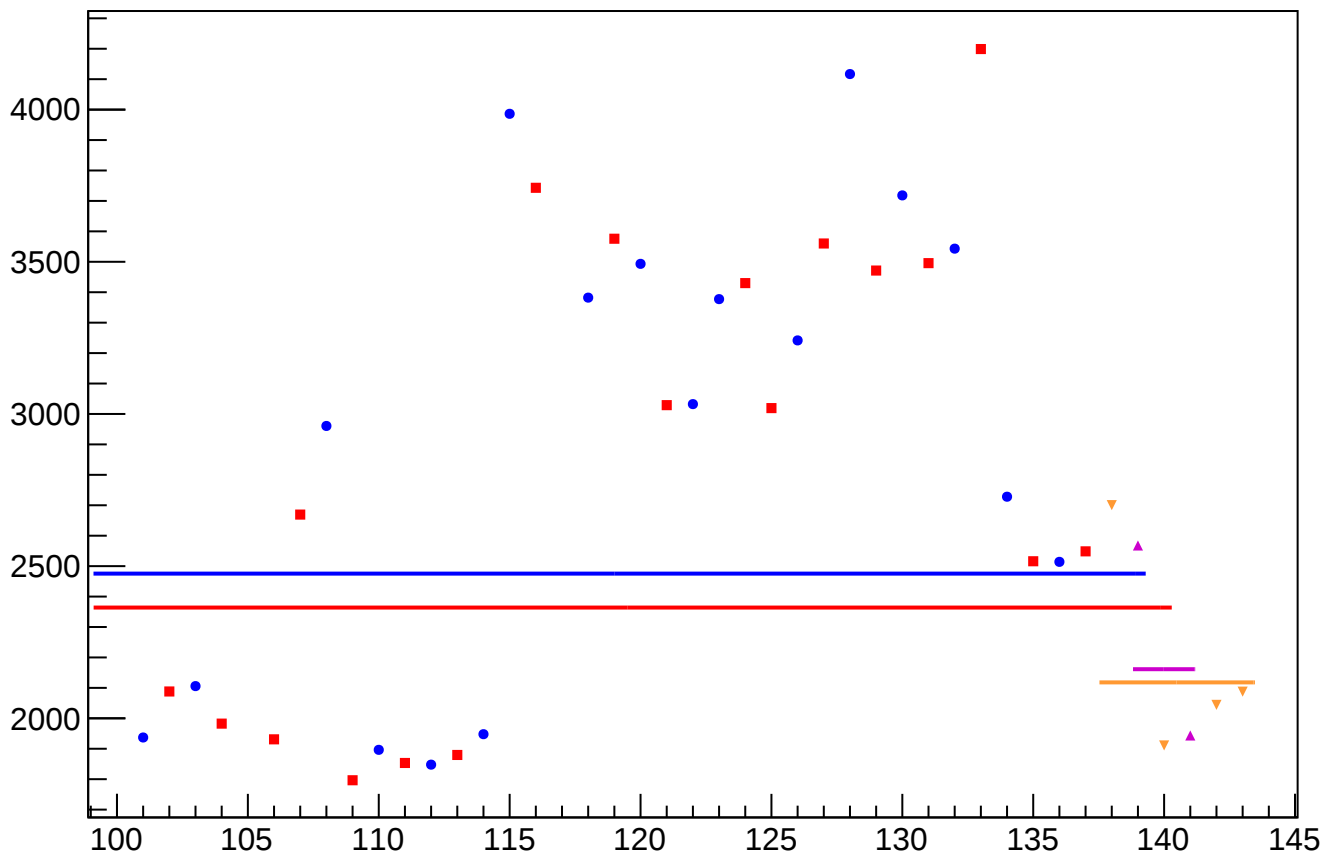
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -187.234+/-859.944 χ^2/NDF : 27.9/18

Out: -94.838+/-754.876 χ^2/NDF : 20.2/21

All: -135.050+/-567.308 χ^2/NDF : 48.0/40

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: 2363.907 +/- 0.657 χ^2/NDF : 1026875.6/17

Left In: 2161.364 +/- 1.209 χ^2/NDF : 60556.3/1

Left: 2133.825 +/- 0.730 χ^2/NDF : 148947.2/5

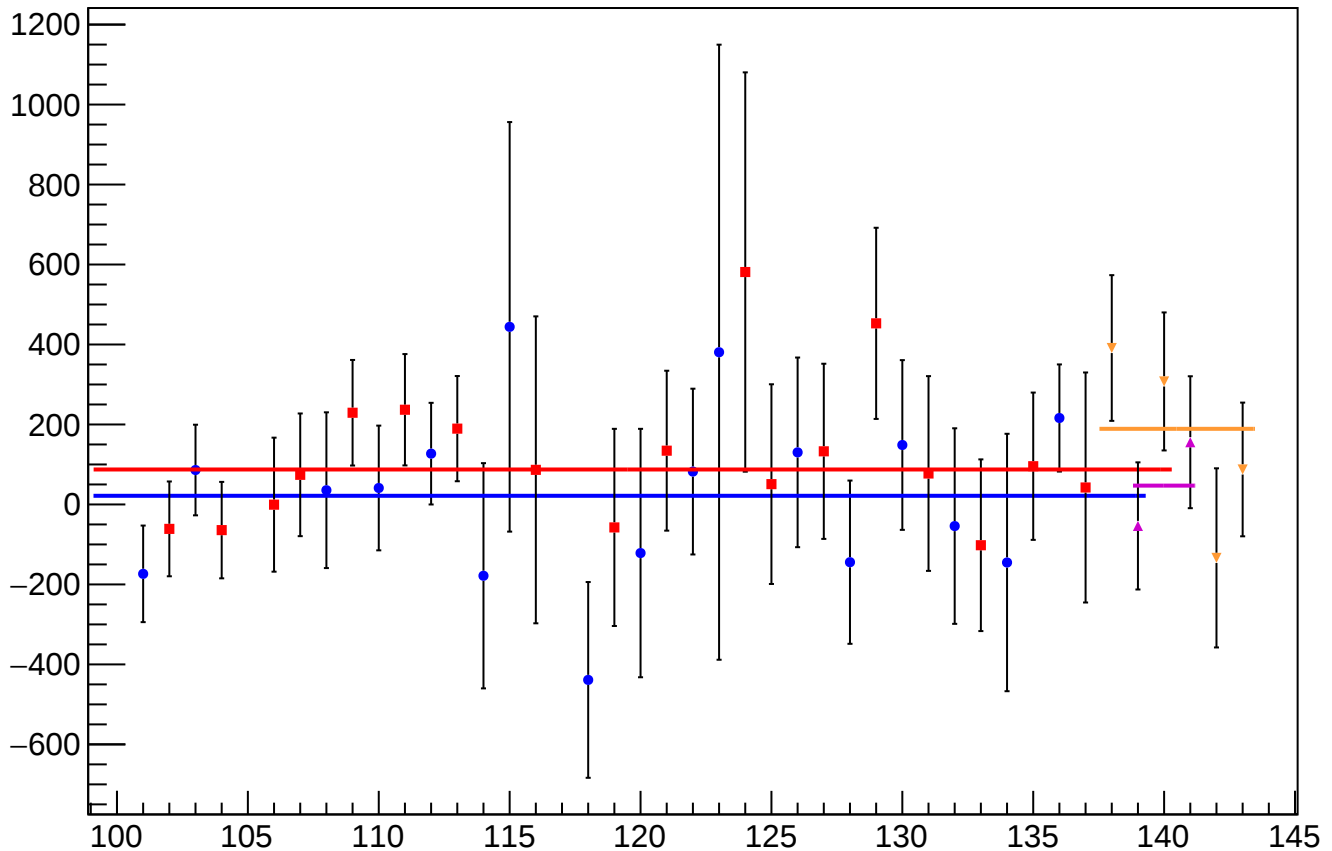
Right: 2415.854 +/- 0.480 χ^2/NDF : 1953375.1/34

In: 2396.002 +/- 0.608 χ^2/NDF : 1024036.5/18

Out: 2280.375 +/- 0.534 χ^2/NDF : 1162047.4/21

All: 2330.697 +/- 0.401 χ^2/NDF : 2206505.7/40

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: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

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

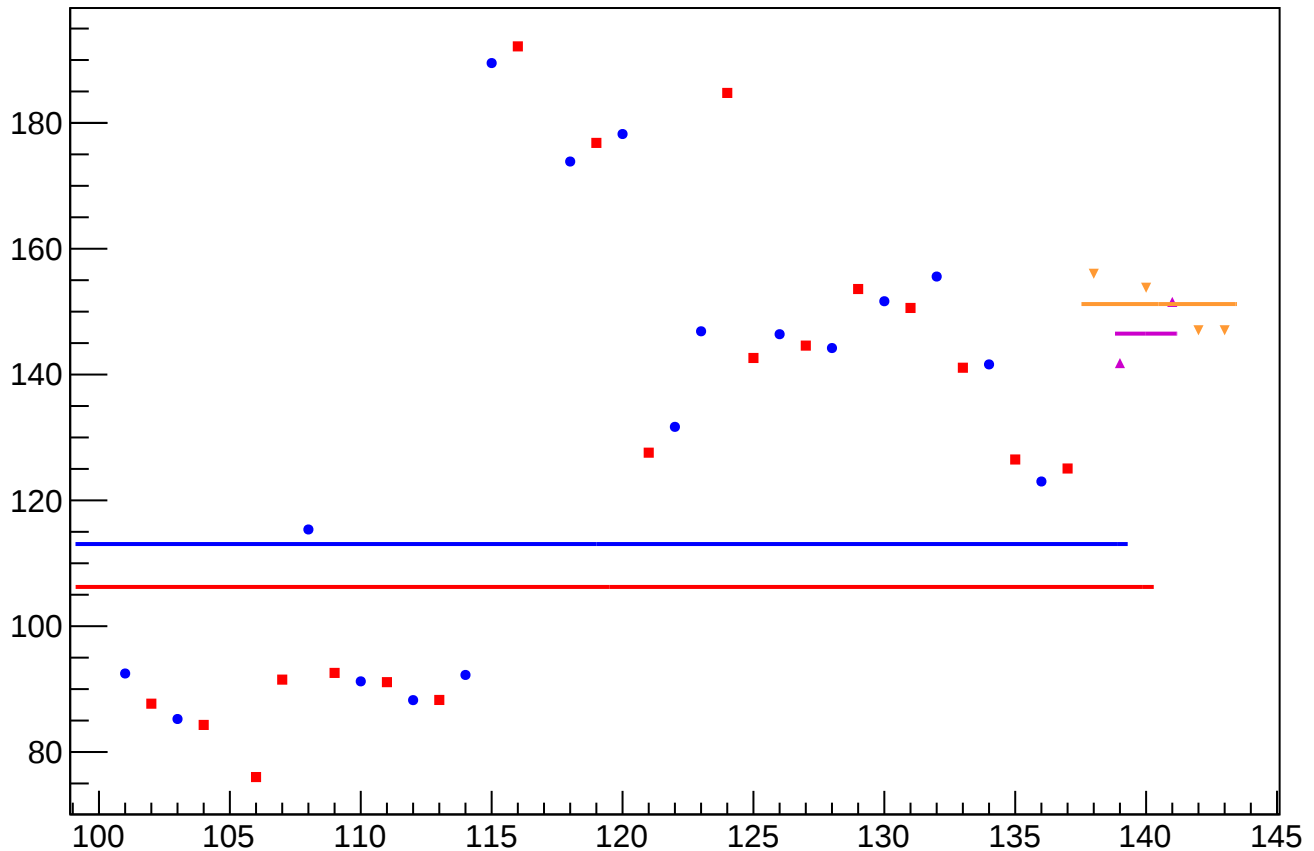
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 25.075 $\pm$ 42.006 χ^2 /NDF:13.5/18

Out: 105.013 $\pm$ 38.041 χ^2 /NDF:16.1/21

All: 68.994 $\pm$ 28.197 χ^2 /NDF: 31.6/40

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: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 146.505+/-0.081 χ^2/NDF : 3605.0/1

Left: 149.374+/-0.051 χ^2/NDF : 9449.9/5

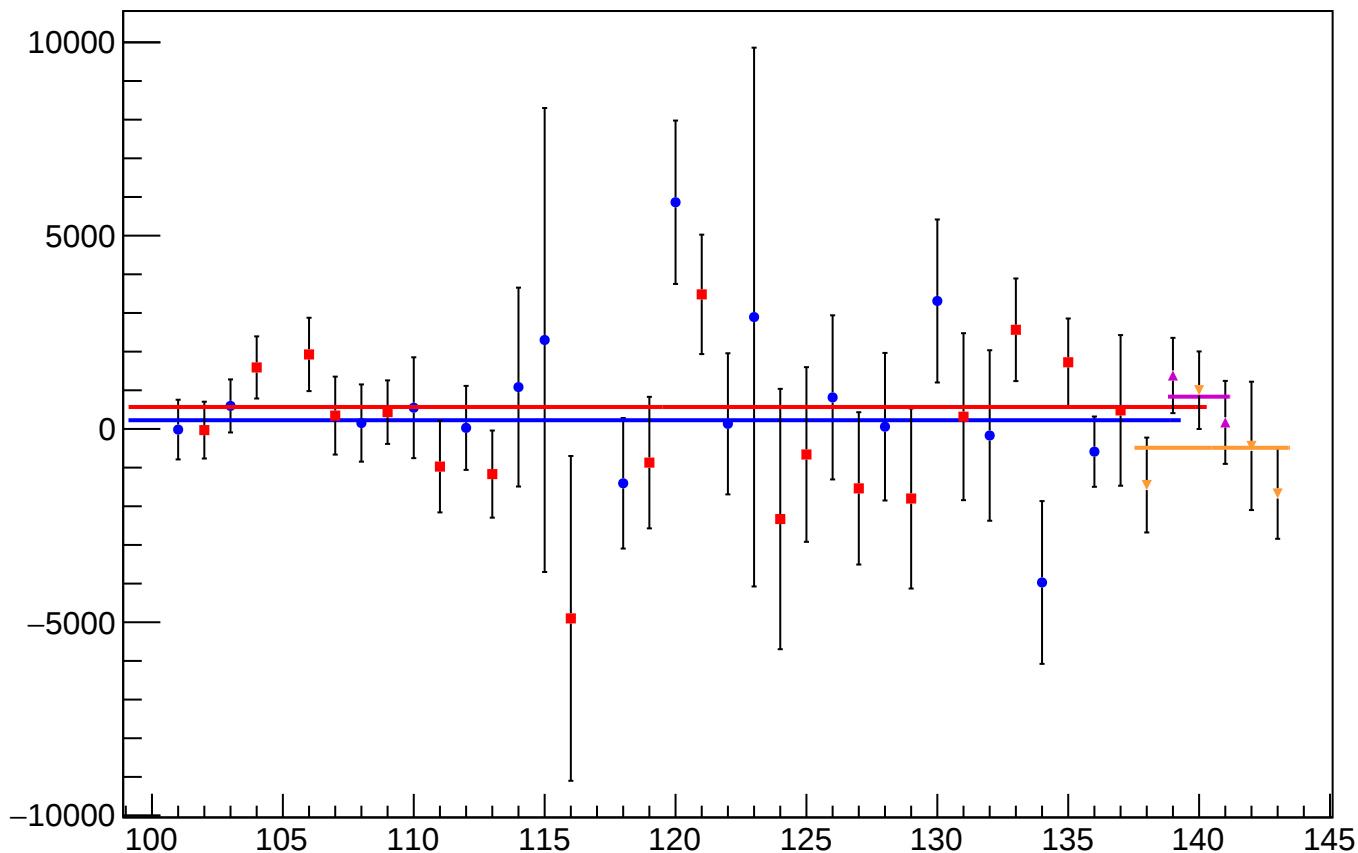
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 117.563+/-0.030 χ^2/NDF : 972160.6/18

Out: 114.011+/-0.027 χ^2/NDF : 1354978.0/21

All: 115.612+/-0.020 χ^2/NDF : 2334994.1/40

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: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

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

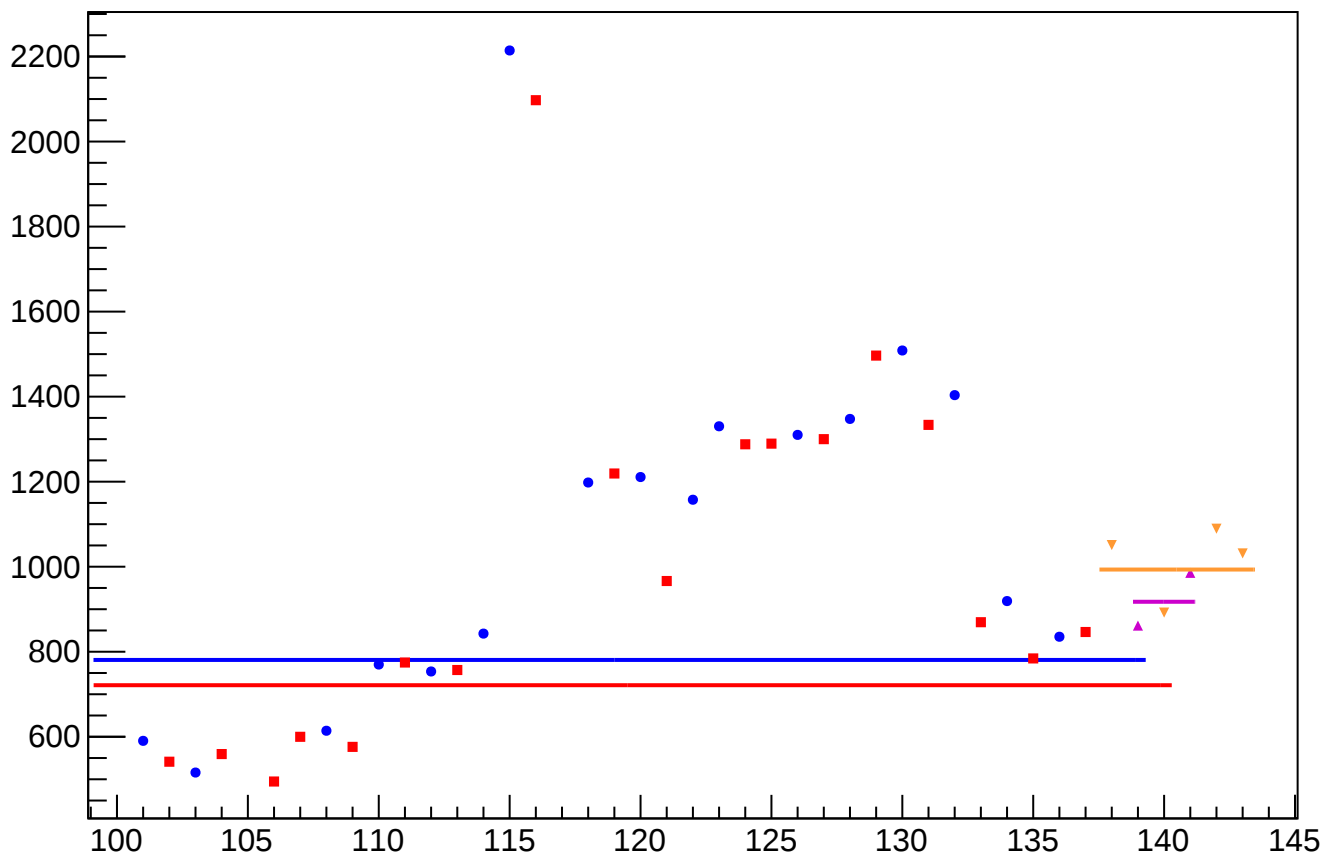
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 326.652 $\pm$ 293.564 χ^2 /NDF:17.3/18

Out: 369.505 $\pm$ 261.732 χ^2 /NDF:27.3/21

All: 350.527 $\pm$ 195.361 χ^2 /NDF: 44.6/40

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: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 917.518+/-0.510 χ^2/NDF :14676.6/1

Left: 962.106+/-0.327 χ^2/NDF : 61262.8/5

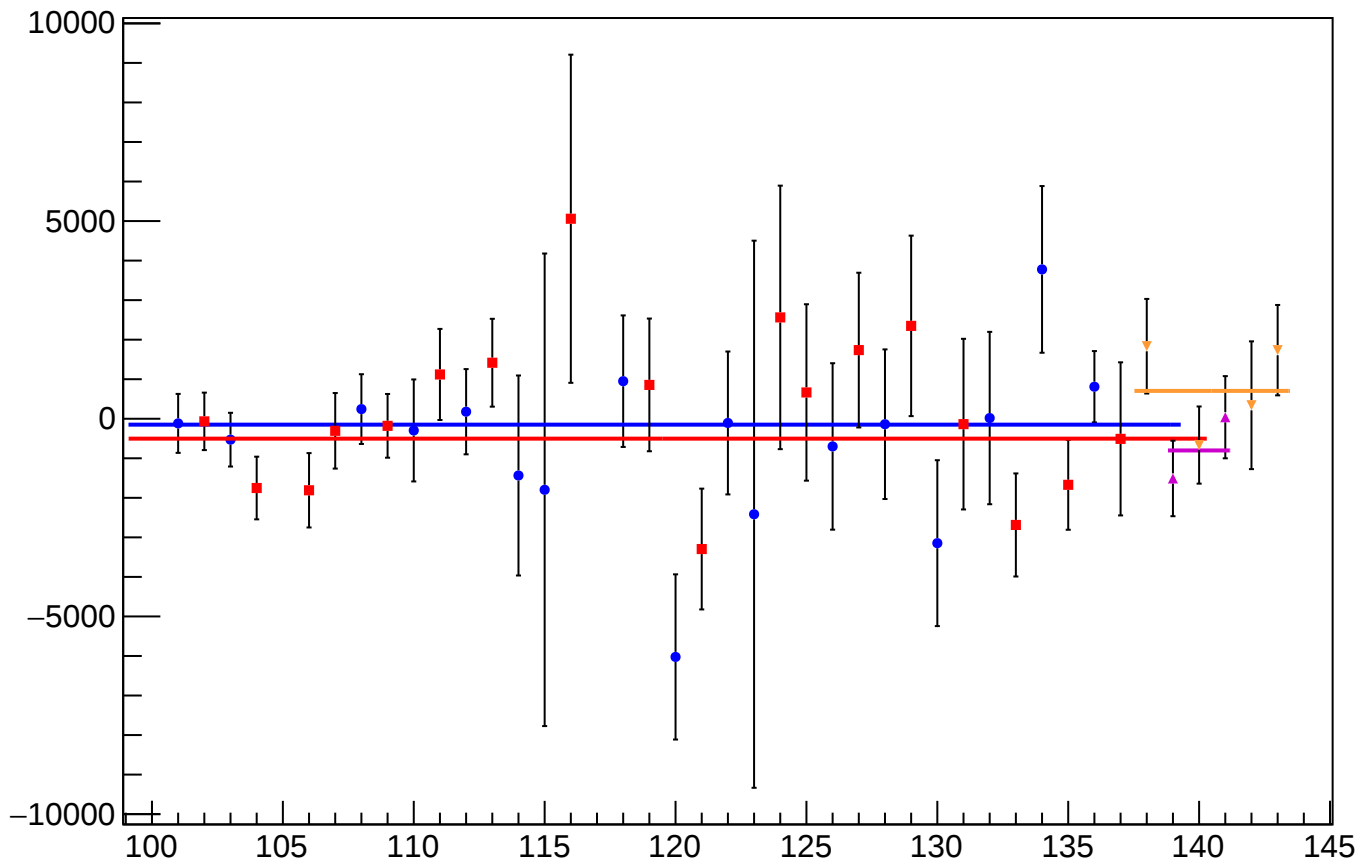
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 803.382+/-0.208 χ^2/NDF :1684265.7/18

Out: 772.478+/-0.185 χ^2/NDF :1990420.5/21

All: 786.164+/-0.138 χ^2/NDF : 3687034.1/40

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: -503.162 ± 285.781 χ^2/NDF : 23.6/17

Left In: -801.757 ± 702.954 χ^2/NDF : 1.2/1

Left: 85.172 ± 450.773 χ^2/NDF : 7.6/5

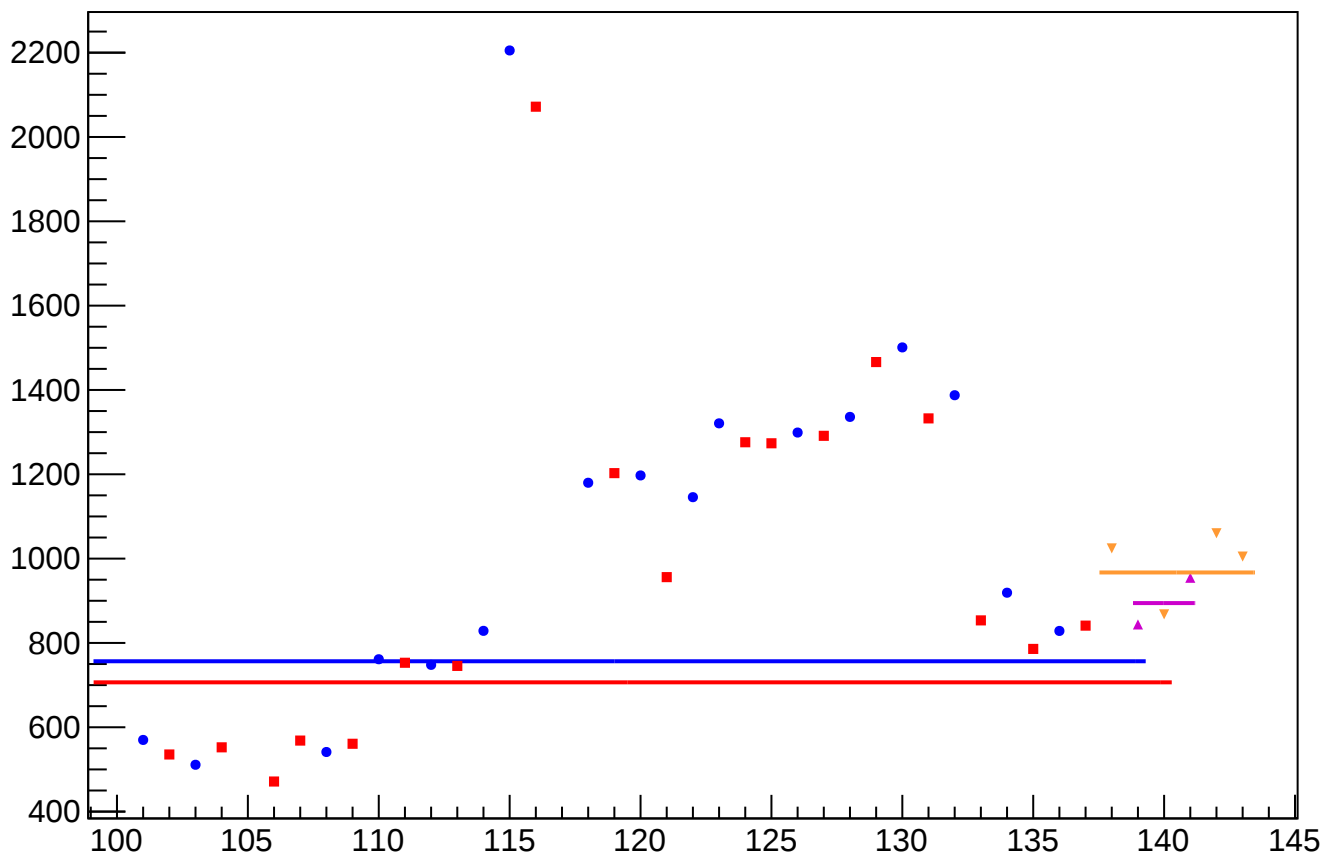
Right: -342.200 ± 211.034 χ^2/NDF : 40.4/34

In: -257.118 ± 285.908 χ^2/NDF : 18.0/18

Out: -272.038 ± 256.986 χ^2/NDF : 30.8/21

All: -265.370 ± 191.126 χ^2/NDF : 48.8/40

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 967.144 $\pm$ 0.415 χ^2 /NDF: 34093.6/3

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 894.528 $\pm$ 0.497 χ^2 /NDF: 12309.8/1

Left: 937.284 $\pm$ 0.319 χ^2 /NDF: 58969.6/5

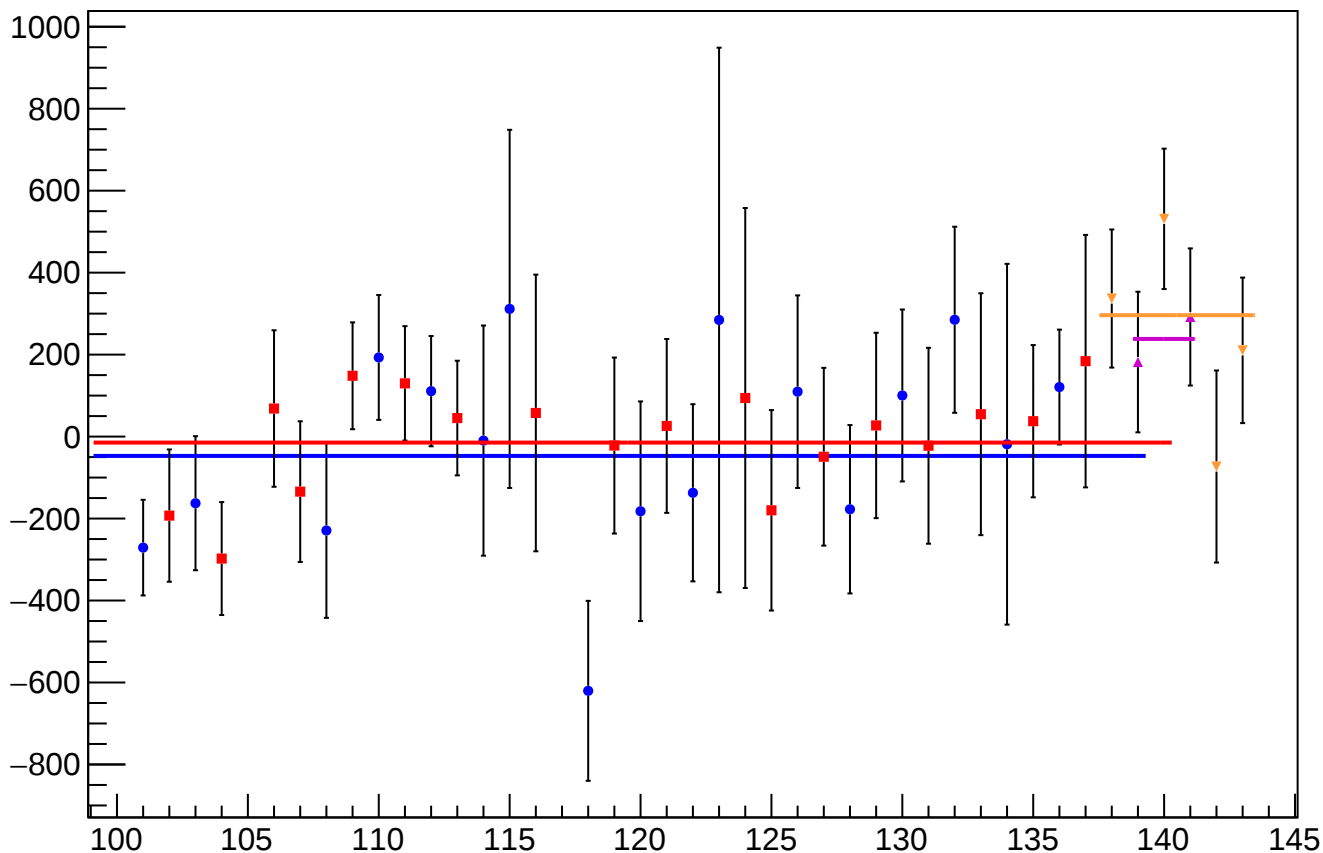
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 779.366 $\pm$ 0.202 χ^2 /NDF: 1790269.9/18

Out: 756.419 $\pm$ 0.182 χ^2 /NDF: 2022343.4/21

All: 766.673 $\pm$ 0.135 χ^2 /NDF: 3819739.1/40

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 296.182 ± 91.574 $\chi^2/\text{NDF}: 4.7/3$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 238.270 ± 119.766 $\chi^2/\text{NDF}: 0.2/1$

Left: 274.817 ± 72.746 $\chi^2/\text{NDF}: 5.0/5$

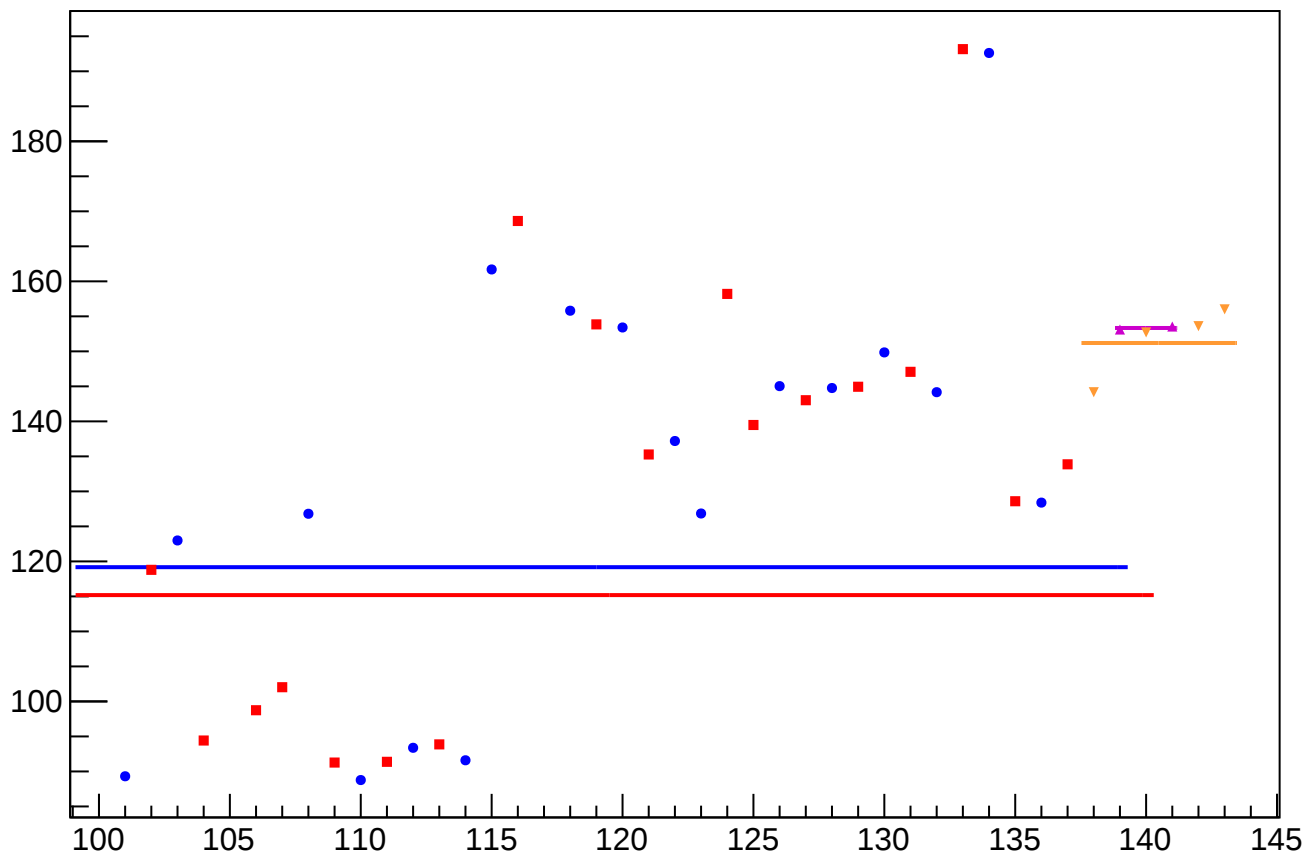
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: -8.689 ± 43.968 $\chi^2/\text{NDF}: 27.0/18$

Out: 45.508 ± 40.278 $\chi^2/\text{NDF}: 24.1/21$

All: 20.779 ± 29.700 $\chi^2/\text{NDF}: 51.9/40$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 151.195+/-0.065 χ^2/NDF : 5315.8/3

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 153.339+/-0.085 χ^2/NDF : 6.3/1

Left: 151.986+/-0.051 χ^2/NDF : 5726.5/5

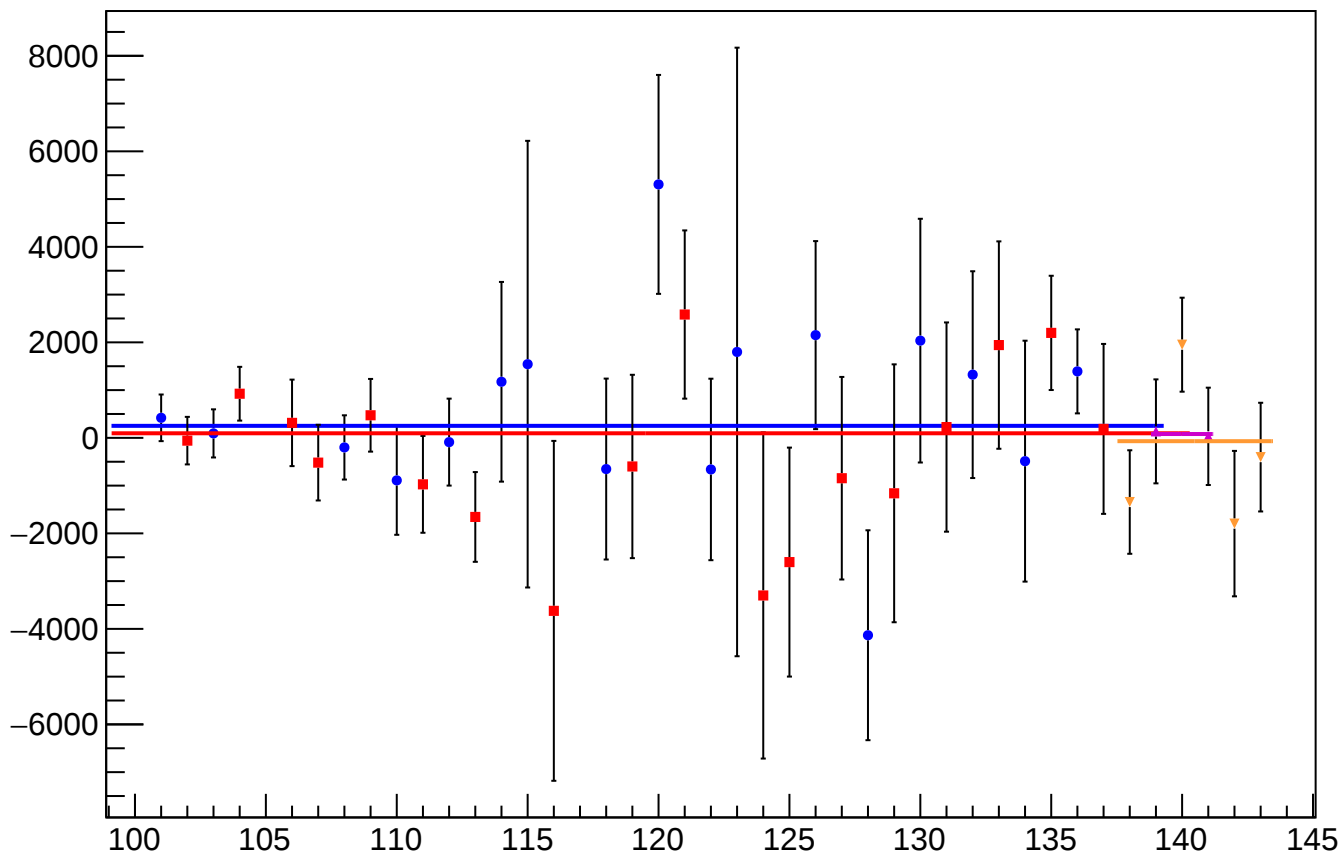
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 123.780+/-0.031 χ^2/NDF : 756116.0/18

Out: 122.154+/-0.028 χ^2/NDF : 930279.9/21

All: 122.895+/-0.021 χ^2/NDF : 1687883.0/40

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: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 80.473+/-744.013 χ^2/NDF :0.0/1

Left: -14.152+/-452.034 χ^2/NDF : 7.0/5

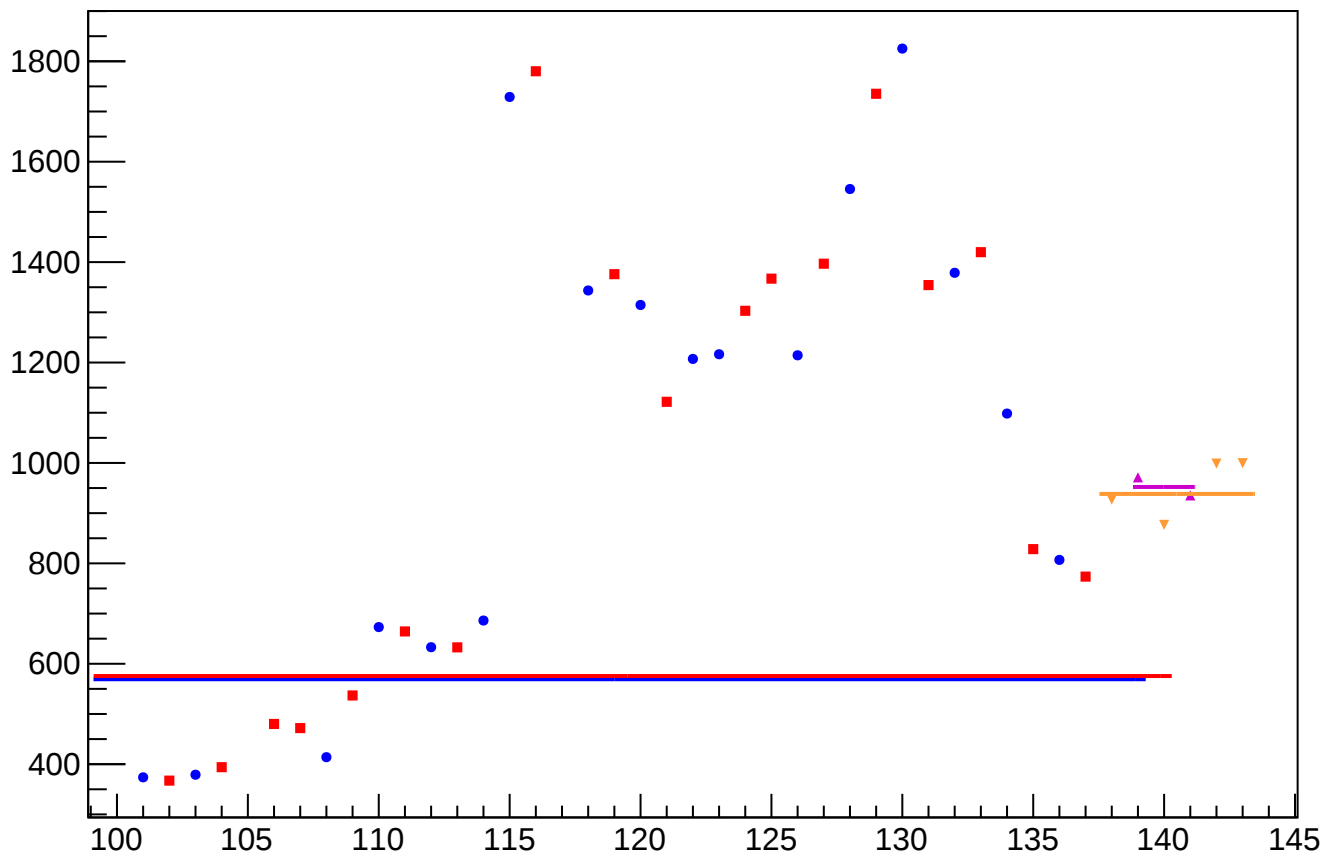
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 234.005+/-239.377 χ^2/NDF :14.9/18

Out: 69.823+/-225.613 χ^2/NDF :24.5/21

All: 147.058+/-164.183 χ^2/NDF : 39.7/40

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: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

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

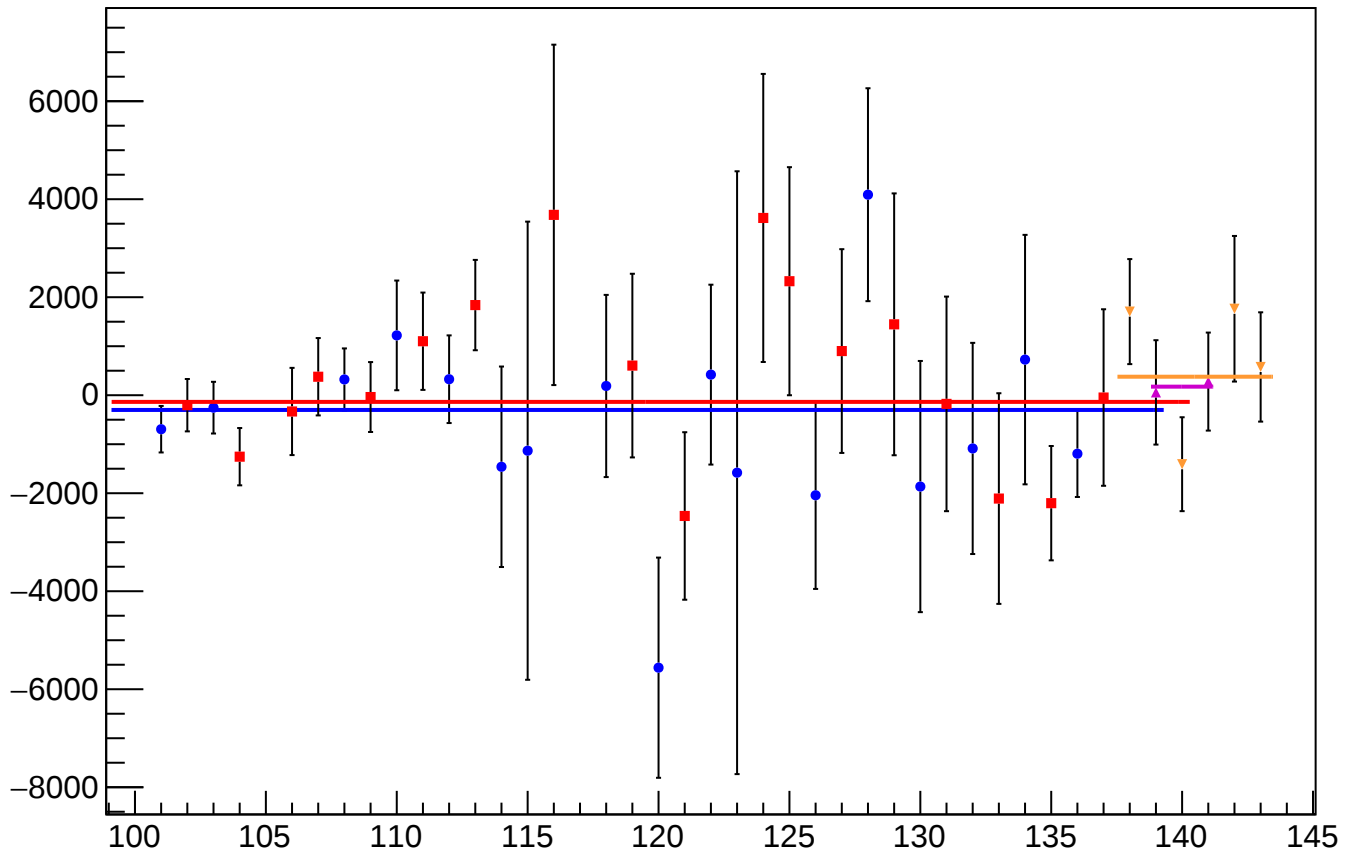
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 608.842 $\pm$ 0.169 χ^2 /NDF: 3743253.4/18

Out: 632.584 $\pm$ 0.160 χ^2 /NDF: 3759942.3/21

All: 621.415 $\pm$ 0.116 χ^2 /NDF: 7513614.6/40

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: 377.697 ± 557.569 $\chi^2/\text{NDF}: 5.9/3$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: 174.817 ± 729.123 $\chi^2/\text{NDF}: 0.0/1$

Left: 302.835 ± 442.908 $\chi^2/\text{NDF}: 6.0/5$

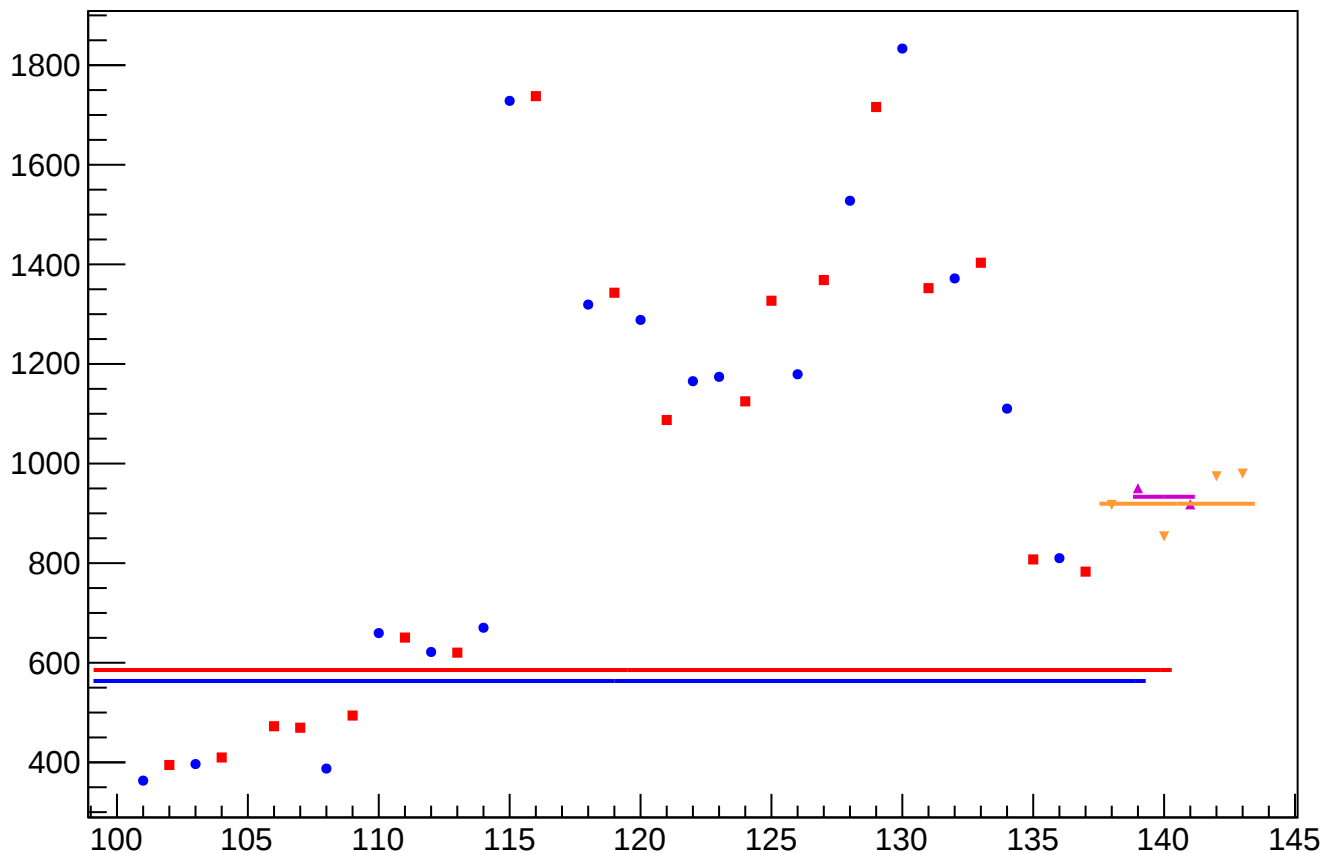
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -250.526 ± 236.741 $\chi^2/\text{NDF}: 17.1/18$

Out: -51.422 ± 226.361 $\chi^2/\text{NDF}: 27.5/21$

All: -146.514 ± 163.608 $\chi^2/\text{NDF}: 45.0/40$

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: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 933.320+/-0.516 χ^2/NDF : 981.5/1

Left: 924.498+/-0.313 χ^2/NDF : 19452.1/5

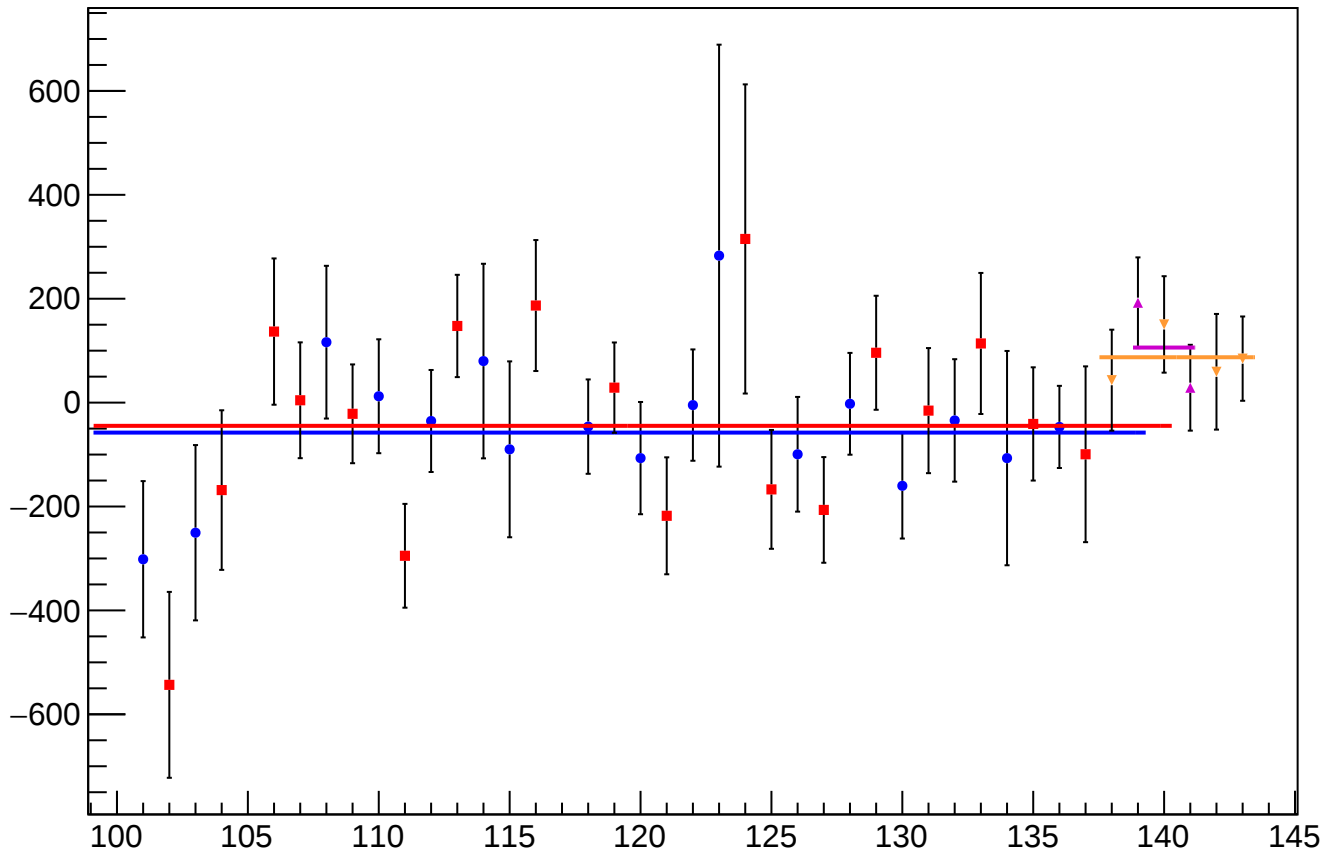
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 602.393+/-0.167 χ^2/NDF : 3720577.8/18

Out: 640.472+/-0.160 χ^2/NDF : 3435179.3/21

All: 622.285+/-0.116 χ^2/NDF : 7182787.6/40

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 87.330 $\pm$ 46.908 χ^2 /NDF:0.7/3

Right Out: -44.693 $\pm$ 27.711 χ^2 /NDF: 35.2/17

Left In: 105.994 $\pm$ 60.005 χ^2 /NDF:1.9/1

Left: 94.409 $\pm$ 36.956 χ^2 /NDF: 2.6/5

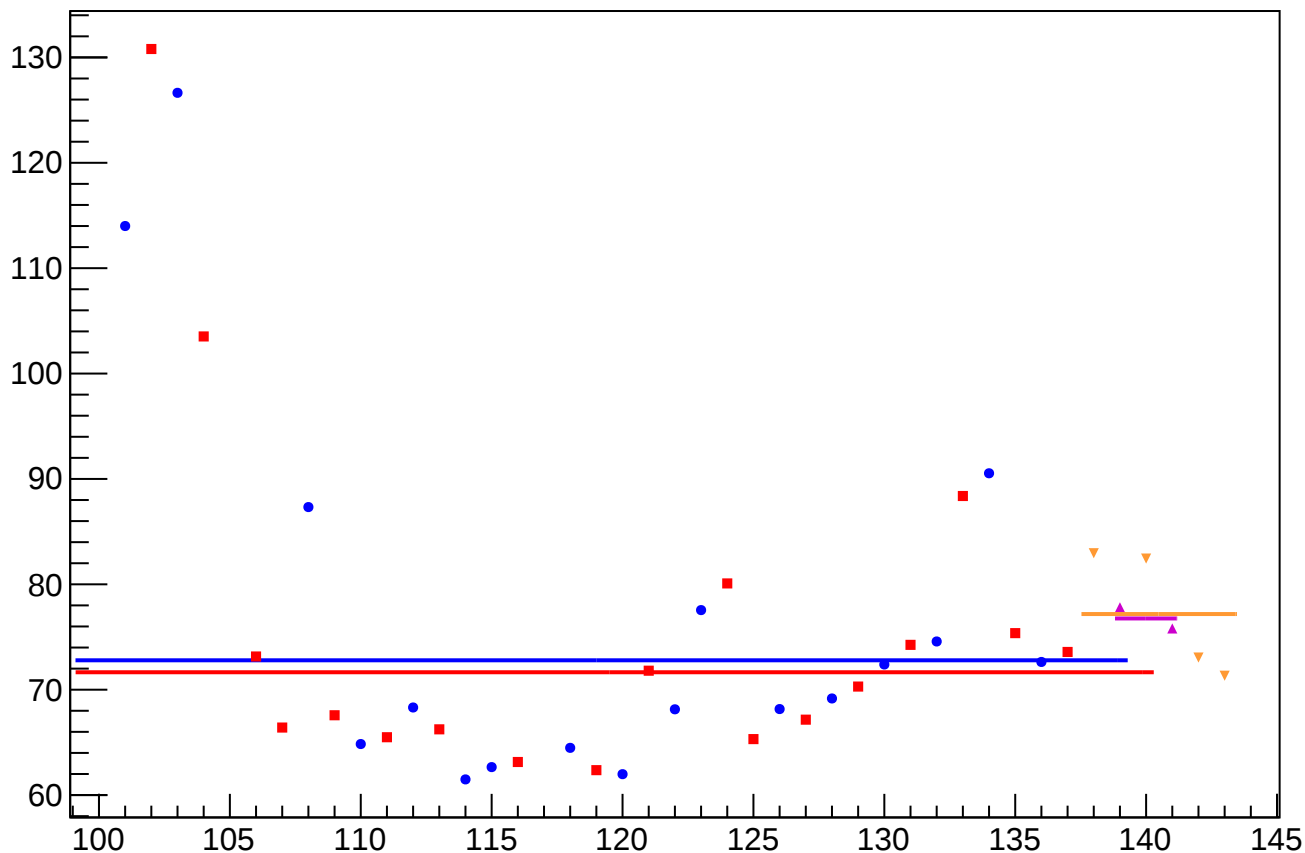
Right: -50.974 $\pm$ 19.933 χ^2 /NDF: 44.4/34

In: -27.243 $\pm$ 25.886 χ^2 /NDF:17.0/18

Out: -10.538 $\pm$ 23.859 χ^2 /NDF:41.8/21

All: -18.211 $\pm$ 17.544 χ^2 /NDF: 59.1/40

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790+/-0.020 χ^2/NDF : 464772.9/16

Left Out: 77.179+/-0.033 χ^2/NDF : 26638.3/3

Right Out: 71.655+/-0.020 χ^2/NDF : 404376.9/17

Left In: 76.761+/-0.042 χ^2/NDF : 559.5/1

Left: 77.020+/-0.026 χ^2/NDF : 27258.2/5

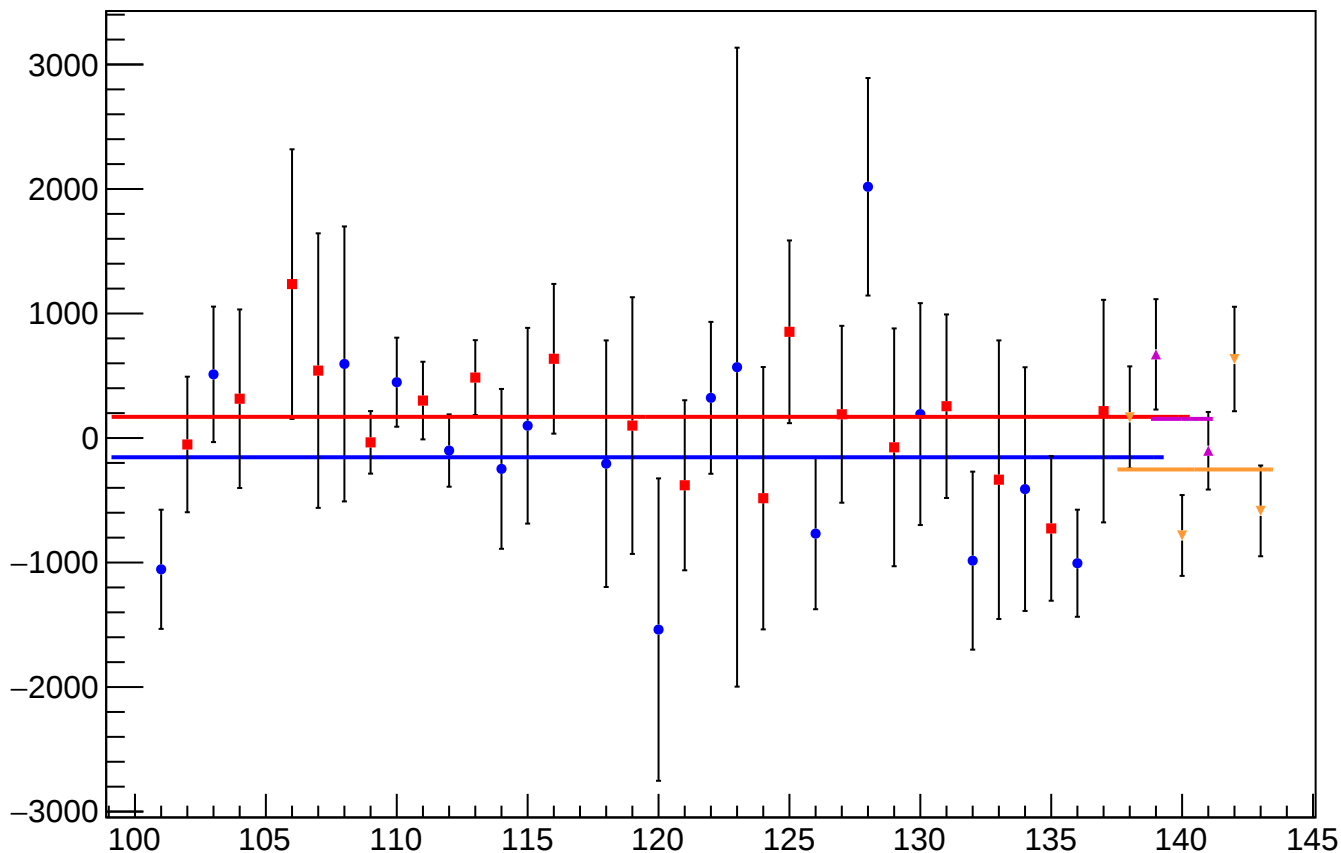
Right: 72.203+/-0.014 χ^2/NDF : 870767.9/34

In: 73.529+/-0.018 χ^2/NDF : 472460.6/18

Out: 73.084+/-0.017 χ^2/NDF : 451575.6/21

All: 73.288+/-0.012 χ^2/NDF : 924355.1/40

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: 170.028+/-126.220 χ^2/NDF : 8.4/17

Left In: 153.753+/-254.939 χ^2/NDF : 2.0/1

Left: -110.608+/-150.675 χ^2/NDF : 12.7/5

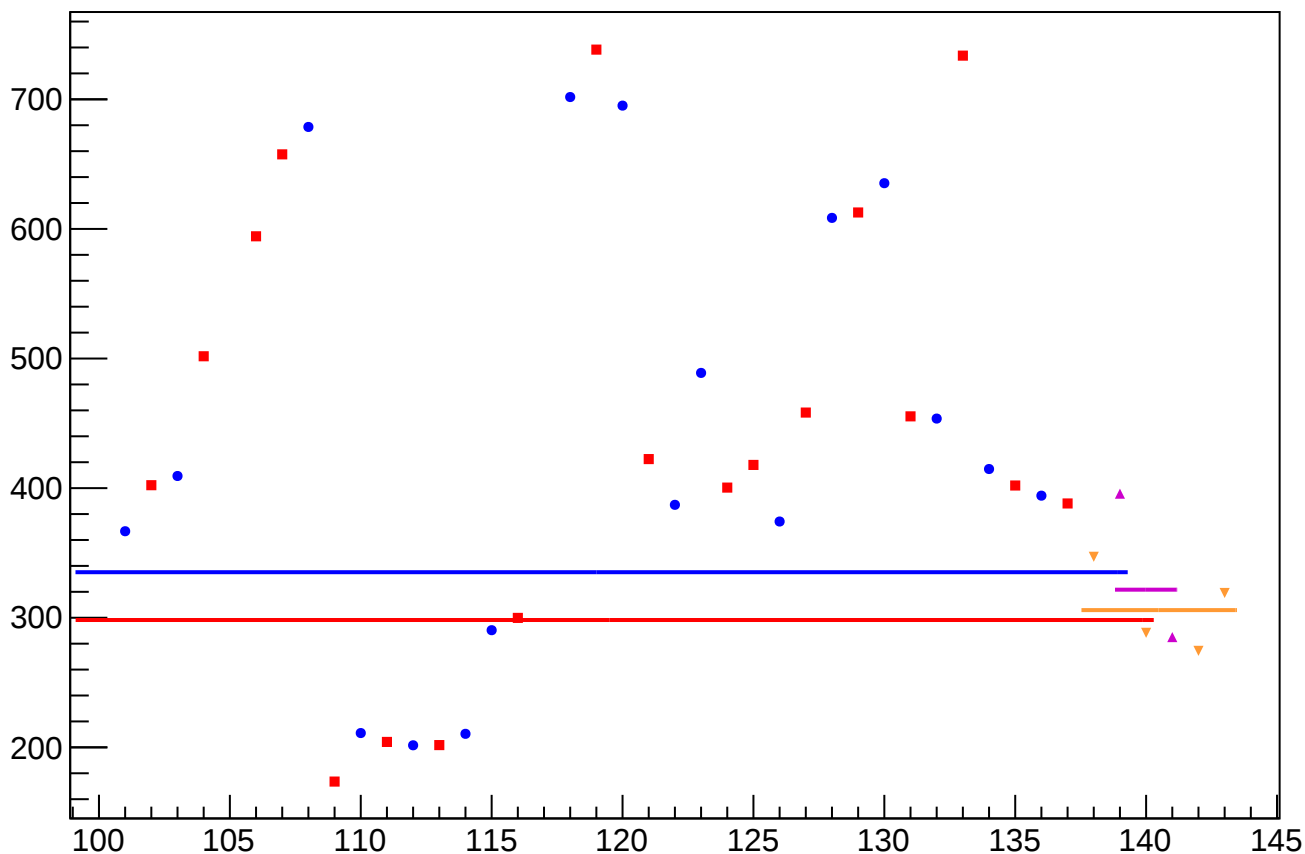
Right: 25.360+/-93.955 χ^2/NDF : 34.5/34

In: -82.457+/-123.185 χ^2/NDF : 26.3/18

Out: 37.568+/-104.582 χ^2/NDF : 20.9/21

All: -12.706+/-79.725 χ^2/NDF : 47.8/40

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: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 321.655+/-0.180 χ^2/NDF : 83394.2/1

Left: 311.399+/-0.107 χ^2/NDF : 128241.0/5

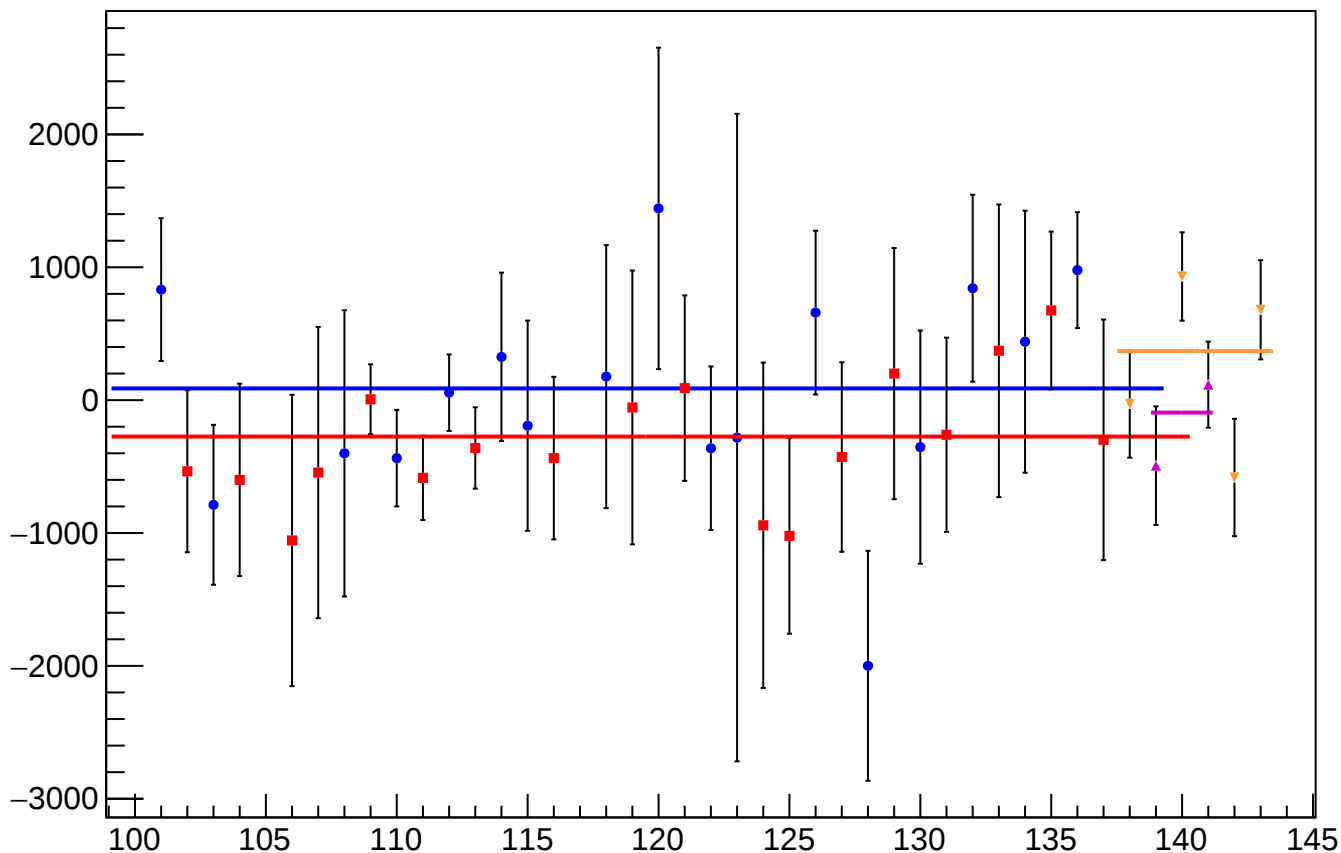
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 331.987+/-0.087 χ^2/NDF : 2081725.1/18

Out: 300.648+/-0.074 χ^2/NDF : 2818724.8/21

All: 313.775+/-0.056 χ^2/NDF : 4975674.4/40

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: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: -93.613+/-262.030 χ^2/NDF :1.2/1

Left: 208.733+/-154.327 χ^2/NDF : 12.4/5

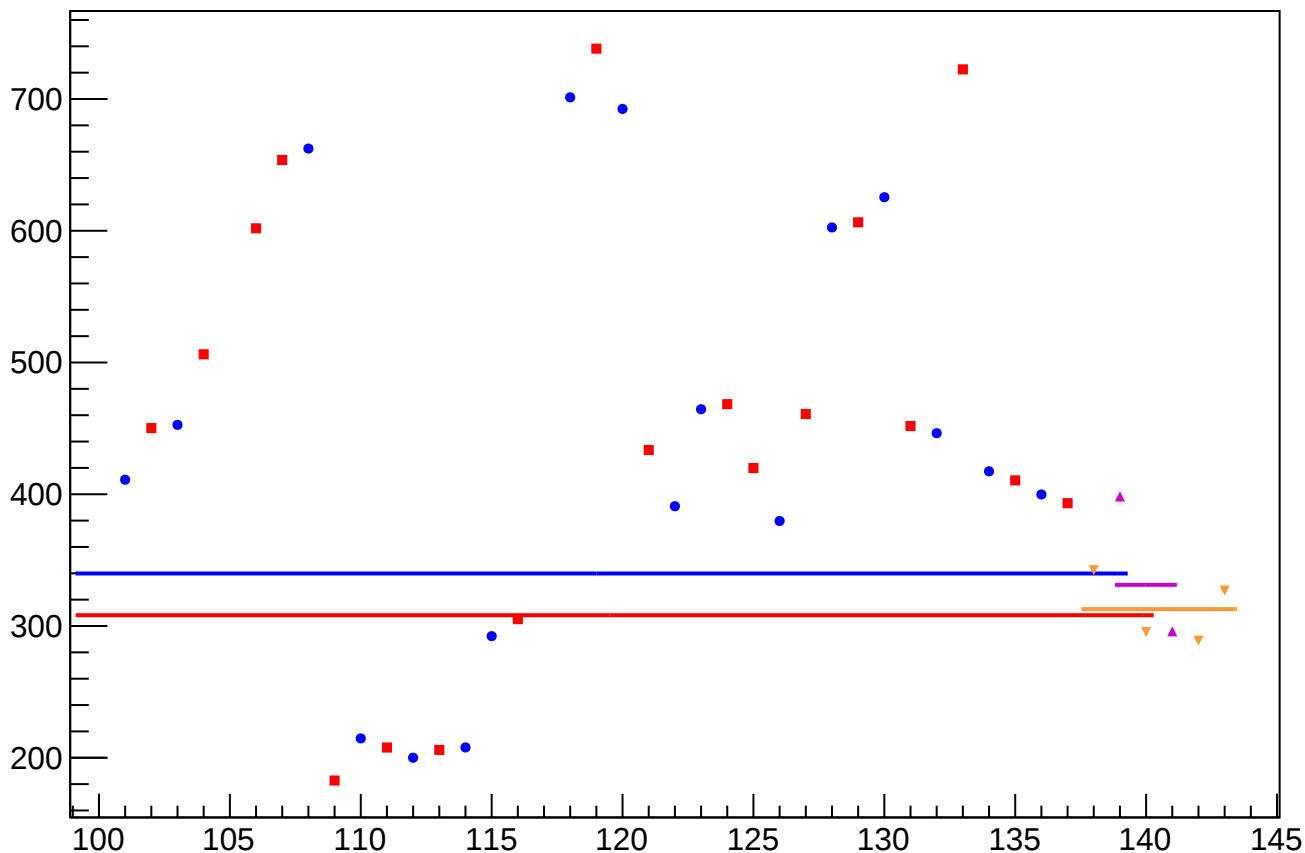
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 46.404+/-125.536 χ^2/NDF :22.4/18

Out: -70.795+/-107.387 χ^2/NDF :24.9/21

All: -21.273+/-81.603 χ^2/NDF : 47.8/40

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: 308.199+/-0.092 χ^2/NDF : 2698828.8/17

Left In: 331.240+/-0.185 χ^2/NDF : 68957.3/1

Left: 319.223+/-0.109 χ^2/NDF : 100279.2/5

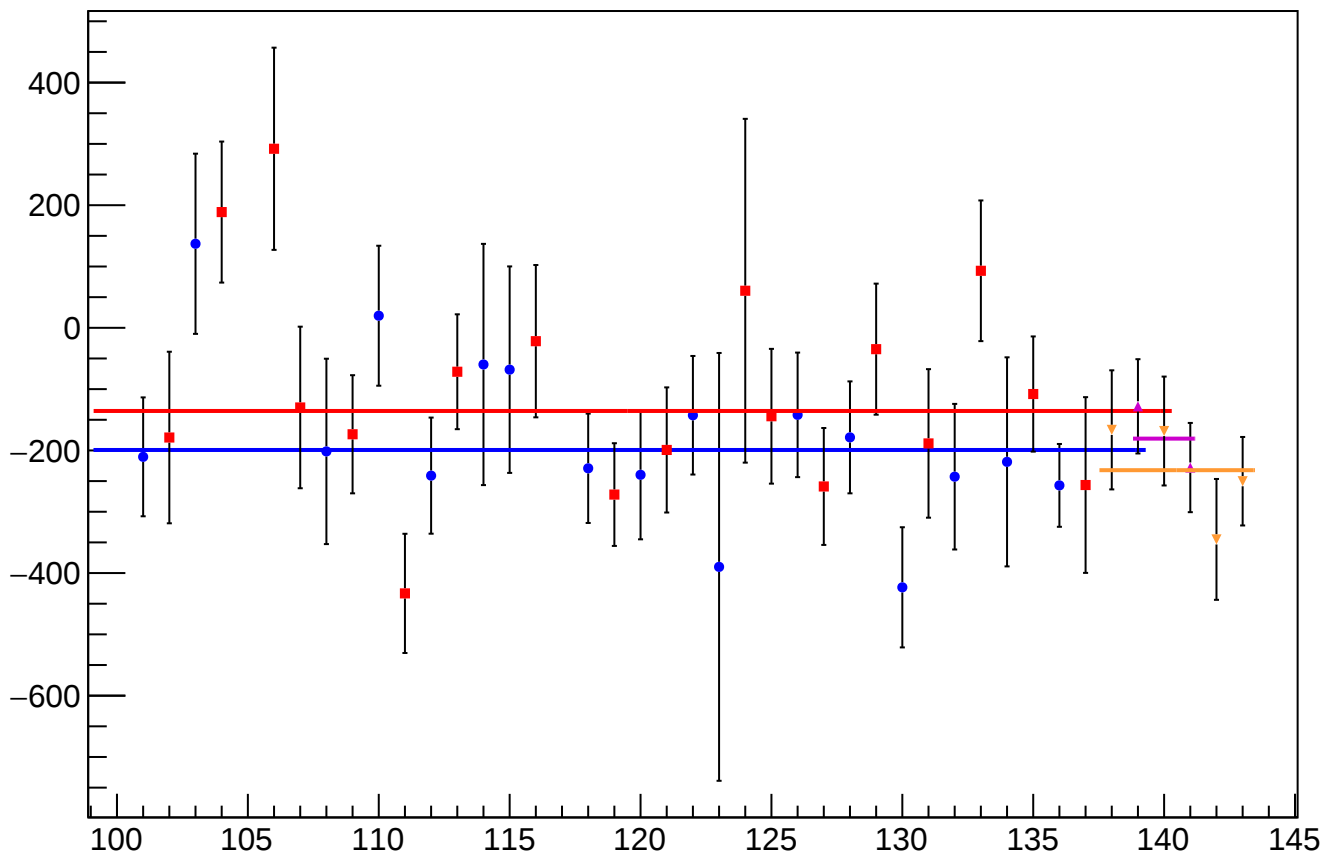
Right: 322.502+/-0.068 χ^2/NDF : 4796037.7/34

In: 337.873+/-0.089 χ^2/NDF : 2114143.5/18

Out: 309.667+/-0.076 χ^2/NDF : 2724518.5/21

All: 321.586+/-0.058 χ^2/NDF : 4896967.4/40

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: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -180.727 ± 52.861 $\chi^2/\text{NDF}: 0.9/1$

Left: -211.404 ± 33.604 $\chi^2/\text{NDF}: 3.8/5$

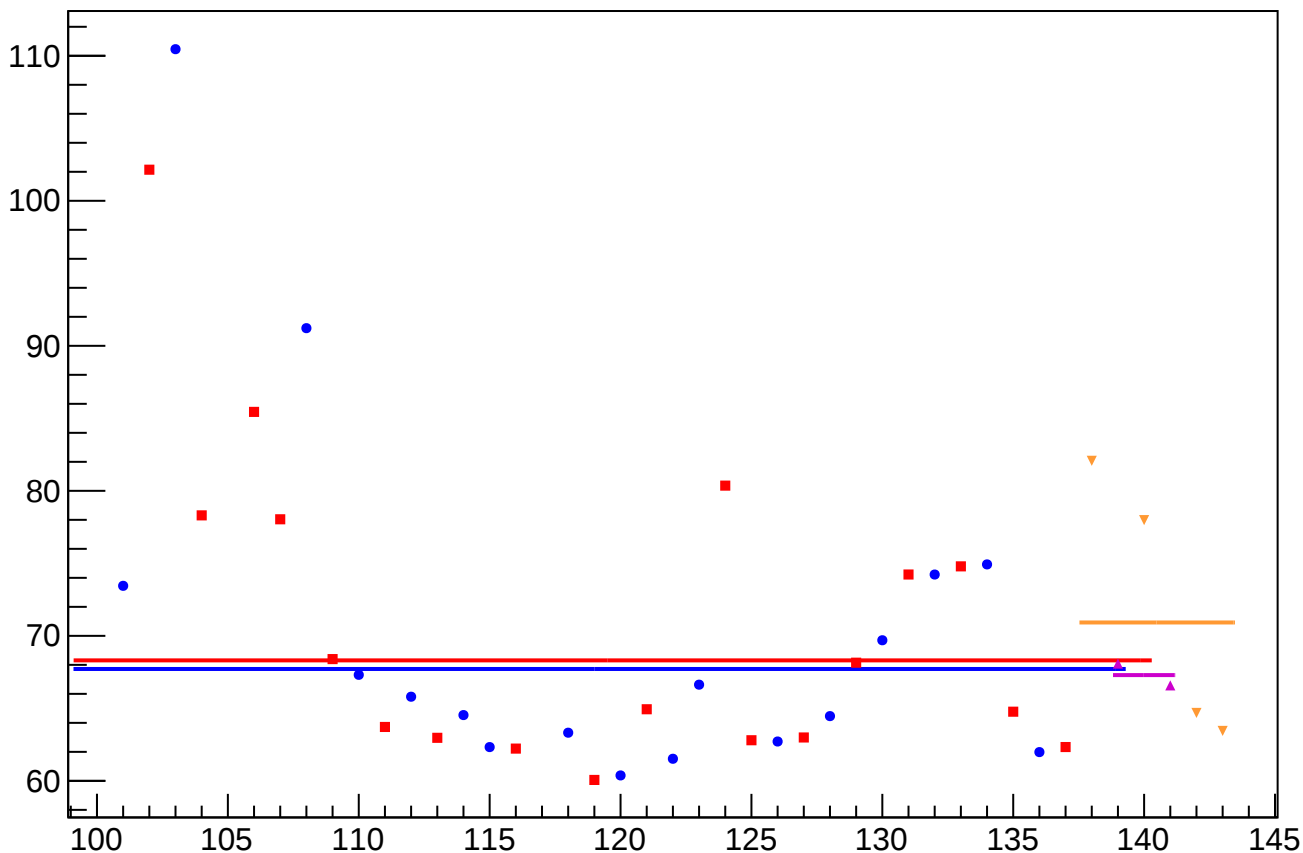
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -195.528 ± 23.701 $\chi^2/\text{NDF}: 18.6/18$

Out: -161.382 ± 22.481 $\chi^2/\text{NDF}: 42.6/21$

All: -177.554 ± 16.310 $\chi^2/\text{NDF}: 62.3/40$

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: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

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

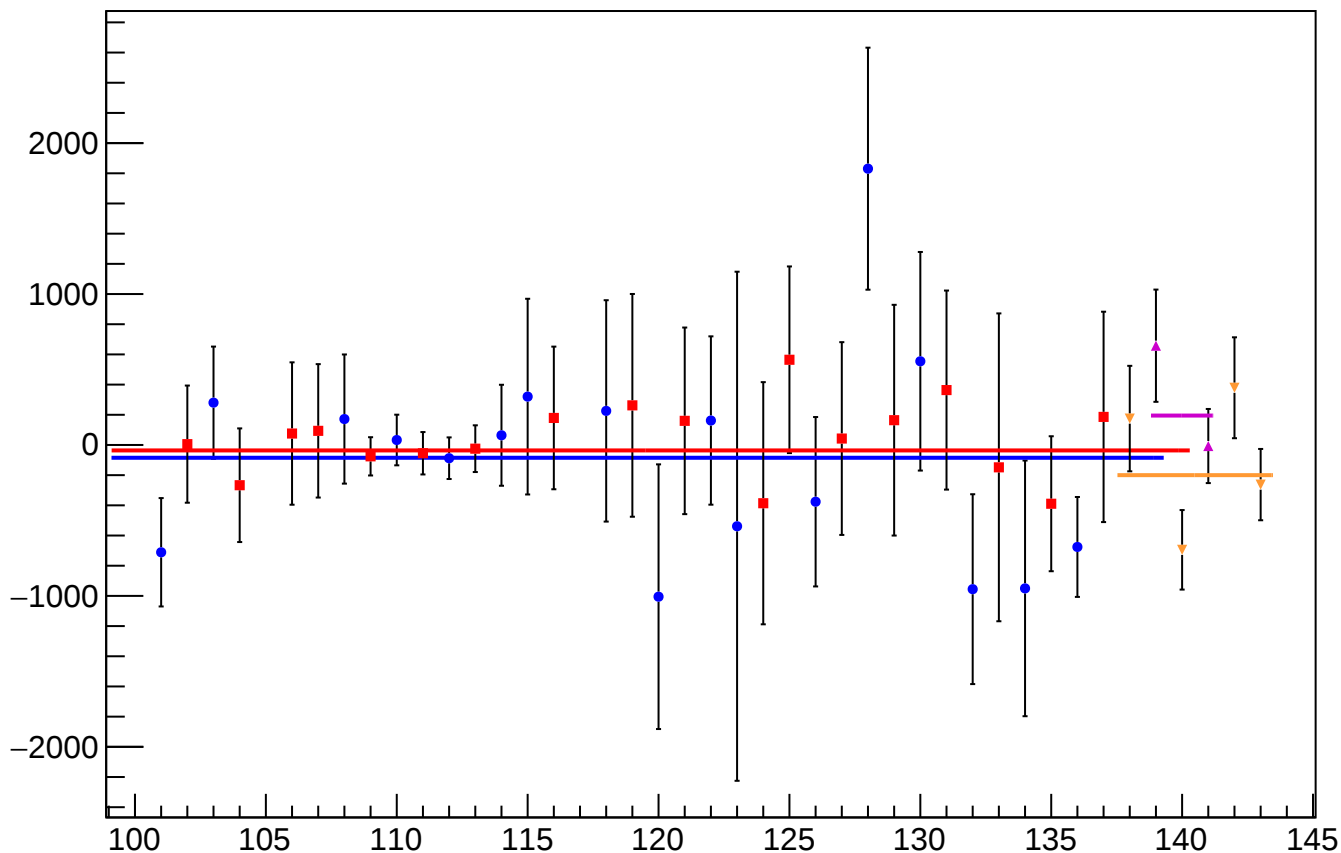
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 67.631 $\pm$ 0.017 χ^2/NDF : 283397.2/18

Out: 69.006 $\pm$ 0.016 χ^2/NDF : 308068.7/21

All: 68.354 $\pm$ 0.012 χ^2/NDF : 595008.7/40

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: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 194.854 ± 204.915 $\chi^2/\text{NDF}: 2.2/1$

Left: -71.676 ± 116.818 $\chi^2/\text{NDF}: 12.5/5$

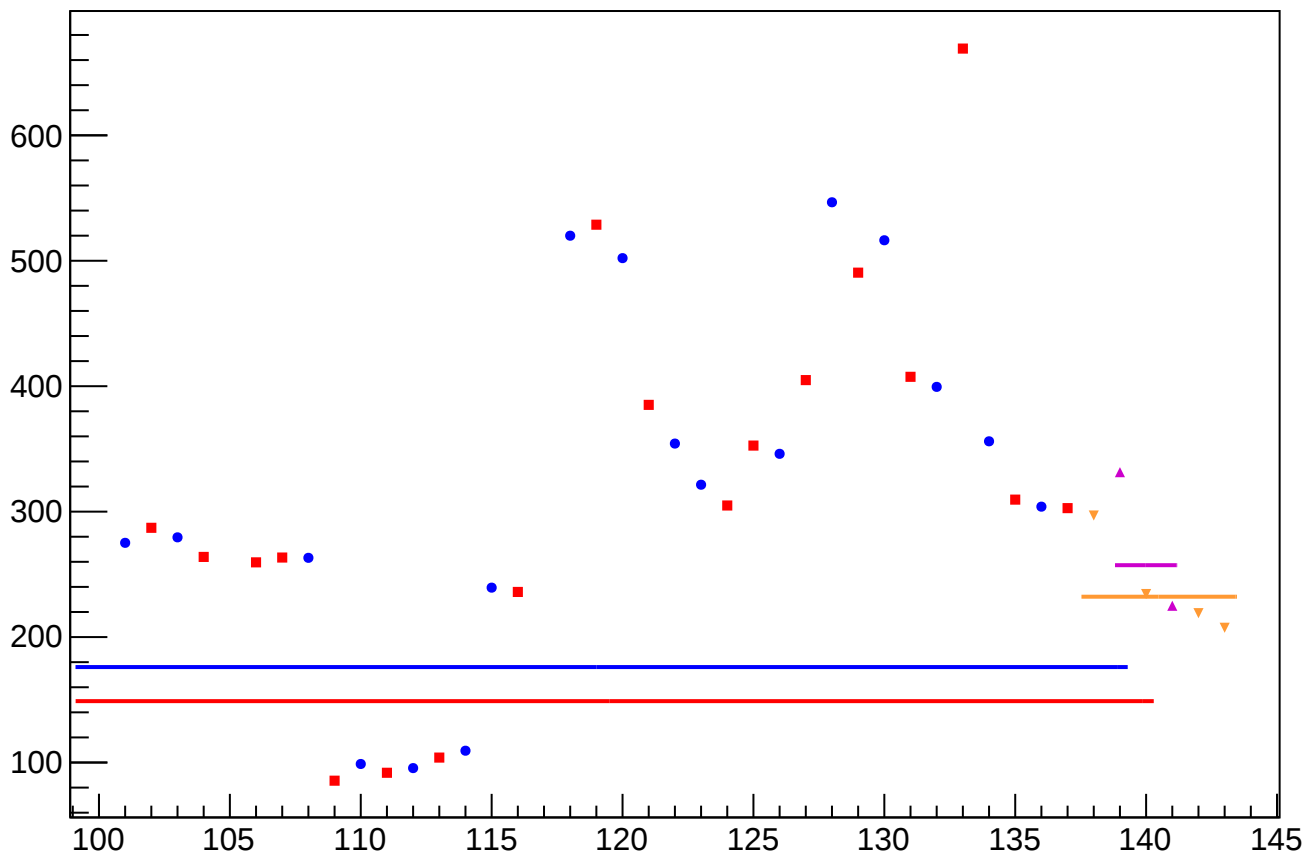
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -45.621 ± 76.664 $\chi^2/\text{NDF}: 23.7/18$

Out: -67.917 ± 62.621 $\chi^2/\text{NDF}: 12.3/21$

All: -58.995 ± 48.498 $\chi^2/\text{NDF}: 36.0/40$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 232.183 $\pm$ 0.101 χ^2/NDF : 93790.2/3

Right Out: 148.932 $\pm$ 0.049 χ^2/NDF : 4770916.6/17

Left In: 257.310 $\pm$ 0.145 χ^2/NDF : 114226.8/1

Left: 240.349 $\pm$ 0.083 χ^2/NDF : 228316.4/5

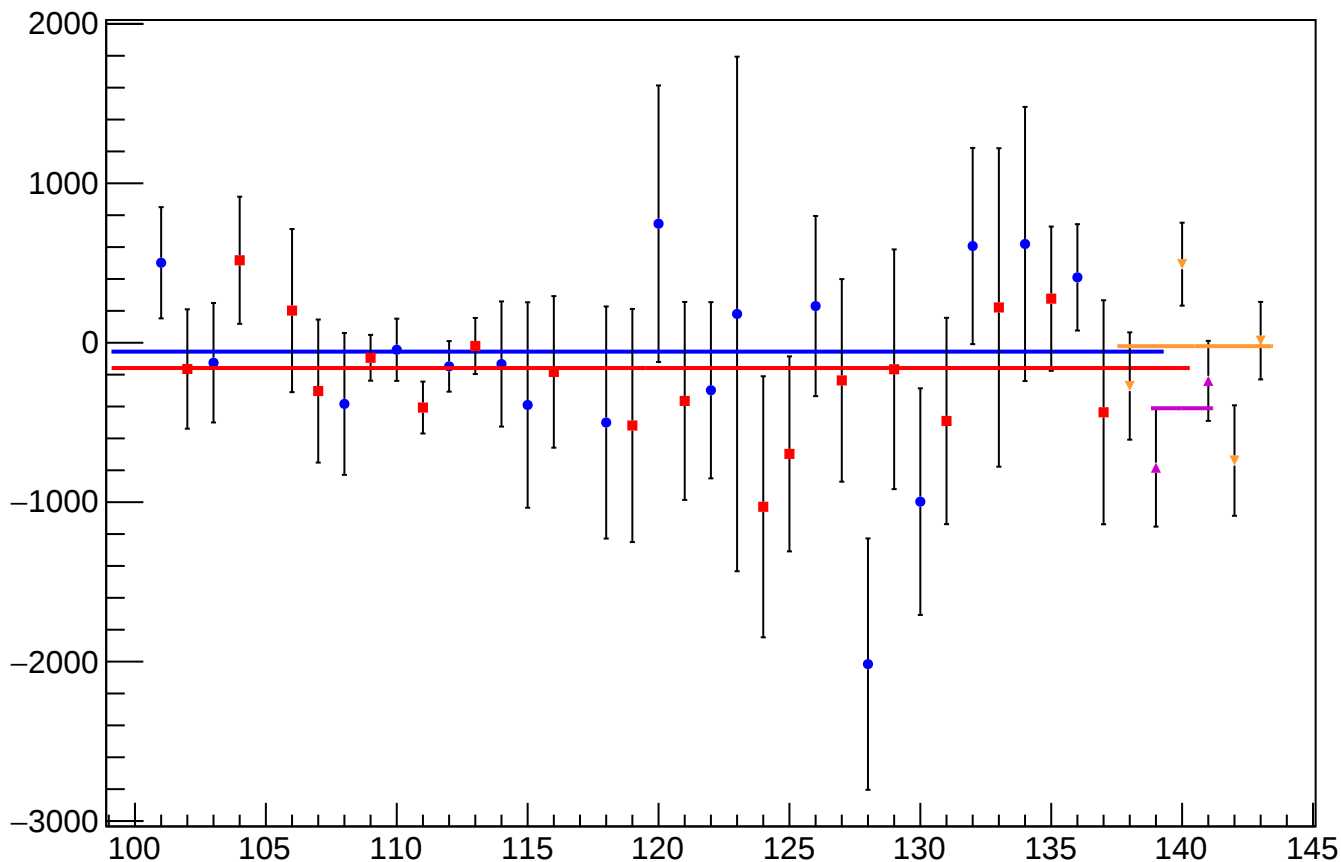
Right: 160.228 $\pm$ 0.038 χ^2/NDF : 9120718.3/34

In: 187.464 $\pm$ 0.054 χ^2/NDF : 4608062.2/18

Out: 165.080 $\pm$ 0.044 χ^2/NDF : 5417366.7/21

All: 174.038 $\pm$ 0.034 χ^2/NDF : 10127694.5/40

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: -21.483 ± 143.071 χ^2/NDF : 8.8/3

Right Out: -158.676 ± 77.072 χ^2/NDF : 10.4/17

Left In: -410.863 ± 207.685 χ^2/NDF : 1.5/1

Left: -146.799 ± 117.820 χ^2/NDF : 12.6/5

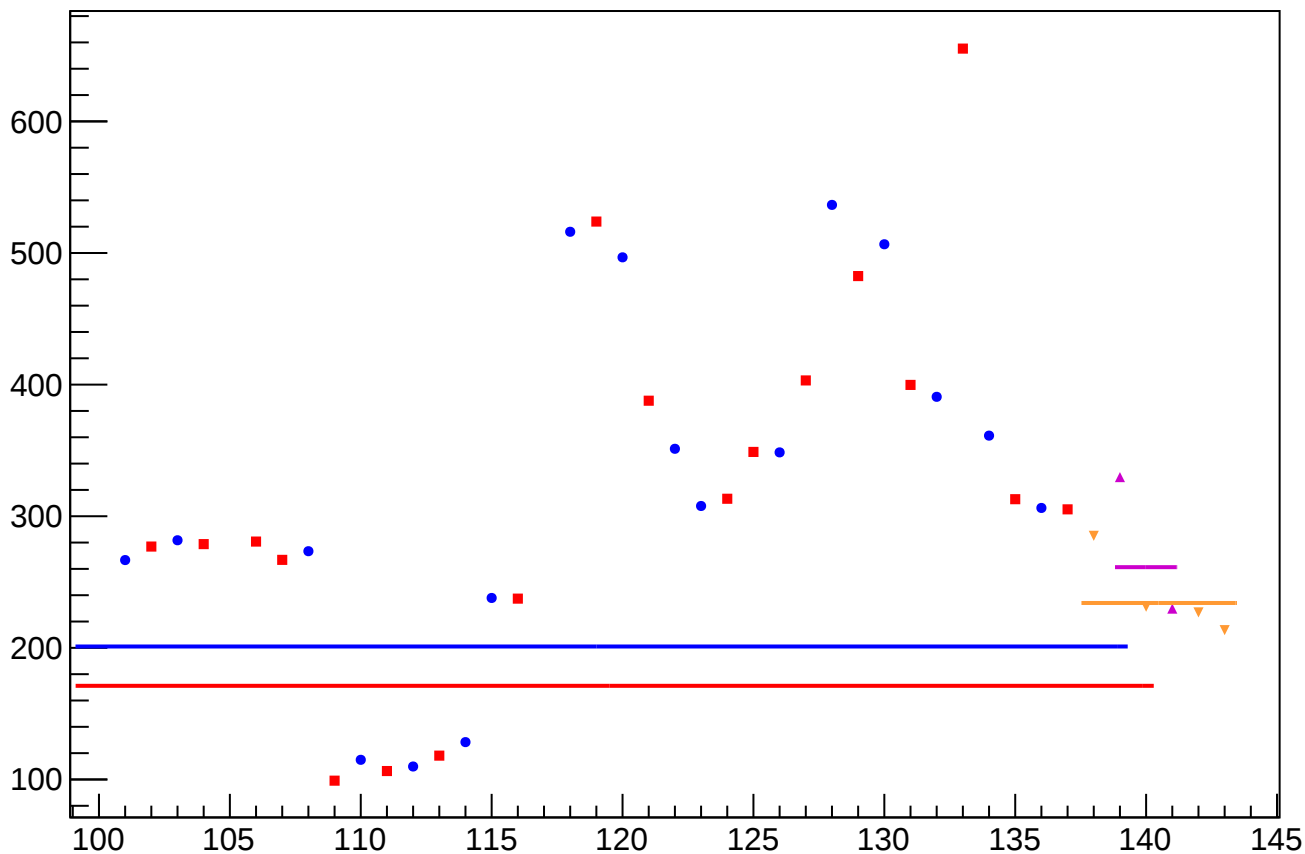
Right: -115.437 ± 58.697 χ^2/NDF : 28.3/34

In: -112.473 ± 83.021 χ^2/NDF : 21.1/18

Out: -127.818 ± 67.853 χ^2/NDF : 19.9/21

All: -121.673 ± 52.538 χ^2/NDF : 41.0/40

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 234.098+/-0.101 χ^2/NDF : 61518.9/3

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 261.311+/-0.147 χ^2/NDF : 99922.4/1

Left: 242.856+/-0.083 χ^2/NDF : 184727.9/5

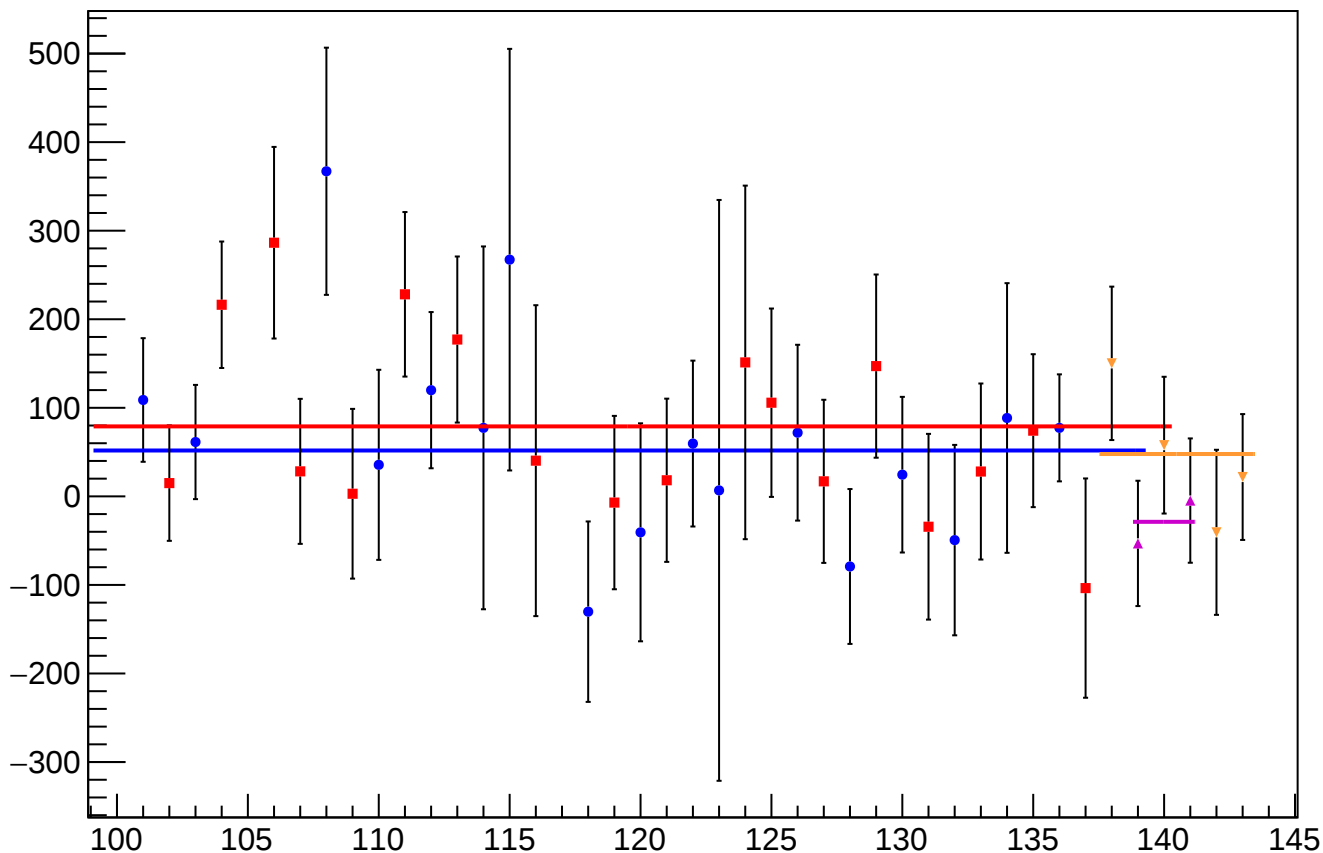
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 210.668+/-0.059 χ^2/NDF : 3674486.6/18

Out: 185.315+/-0.048 χ^2/NDF : 4427109.9/21

All: 195.468+/-0.037 χ^2/NDF : 8213413.2/40

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 47.826 $\pm$ 40.352 χ^2 /NDF: 2.4/3

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

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

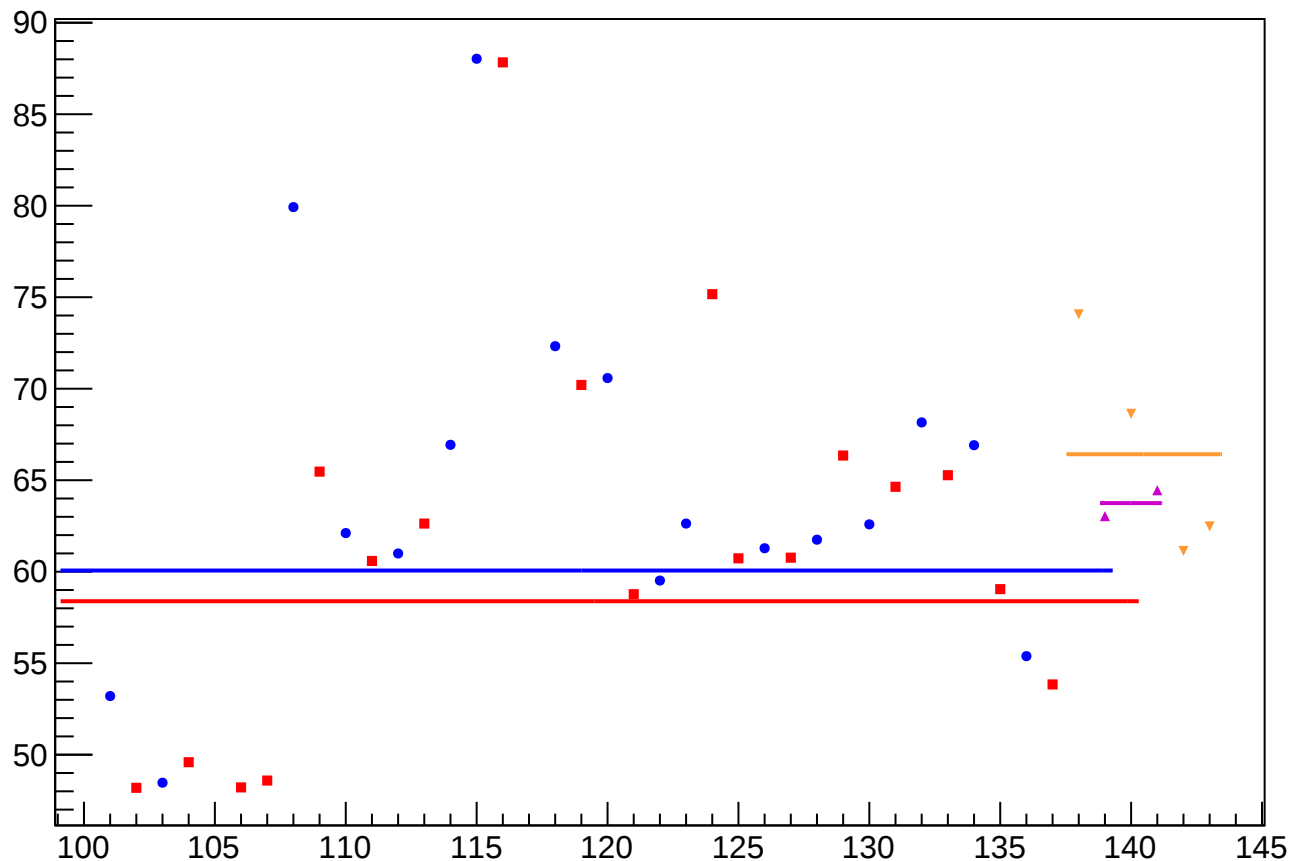
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 37.106 $\pm$ 21.283 χ^2 /NDF: 16.9/18

Out: 71.613 $\pm$ 19.651 χ^2 /NDF: 21.9/21

All: 55.733 $\pm$ 14.438 χ^2 /NDF: 40.2/40

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: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

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

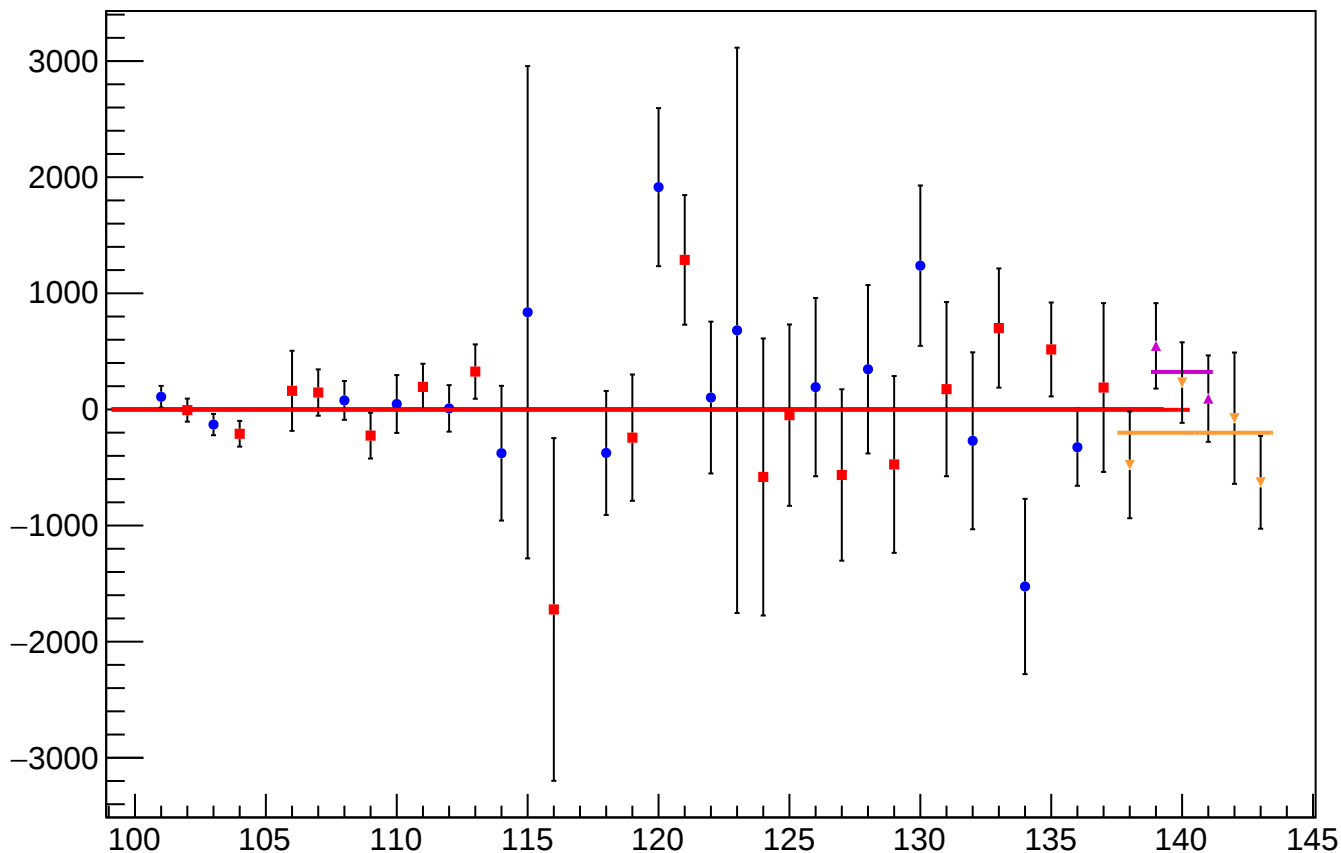
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 60.737 $\pm$ 0.015 χ^2 /NDF: 238443.3/18

Out: 60.292 $\pm$ 0.014 χ^2 /NDF: 365281.5/21

All: 60.497 $\pm$ 0.010 χ^2 /NDF: 604197.8/40

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -200.727+/-211.148 χ^2/NDF : 3.1/3

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 322.882+/-261.690 χ^2/NDF : 0.8/1

Left: 5.742+/-164.327 χ^2/NDF : 6.3/5

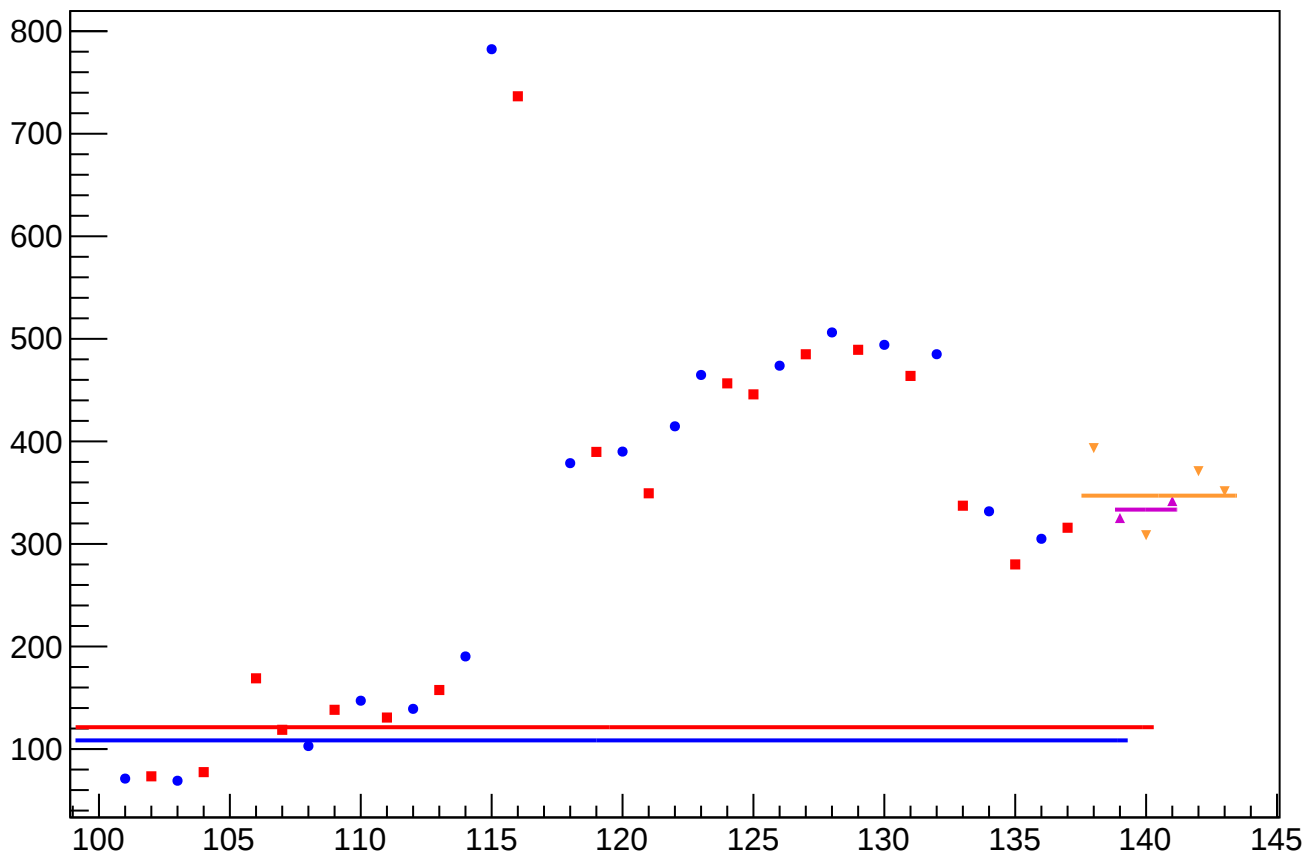
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 14.836+/-53.153 χ^2/NDF : 23.6/18

Out: -16.486+/-54.680 χ^2/NDF : 24.2/21

All: -0.381+/-38.113 χ^2/NDF : 47.9/40

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 347.098+/-0.149 χ^2/NDF : 48865.0/3

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 333.478+/-0.185 χ^2/NDF : 2003.8/1

Left: 341.728+/-0.116 χ^2/NDF : 54150.4/5

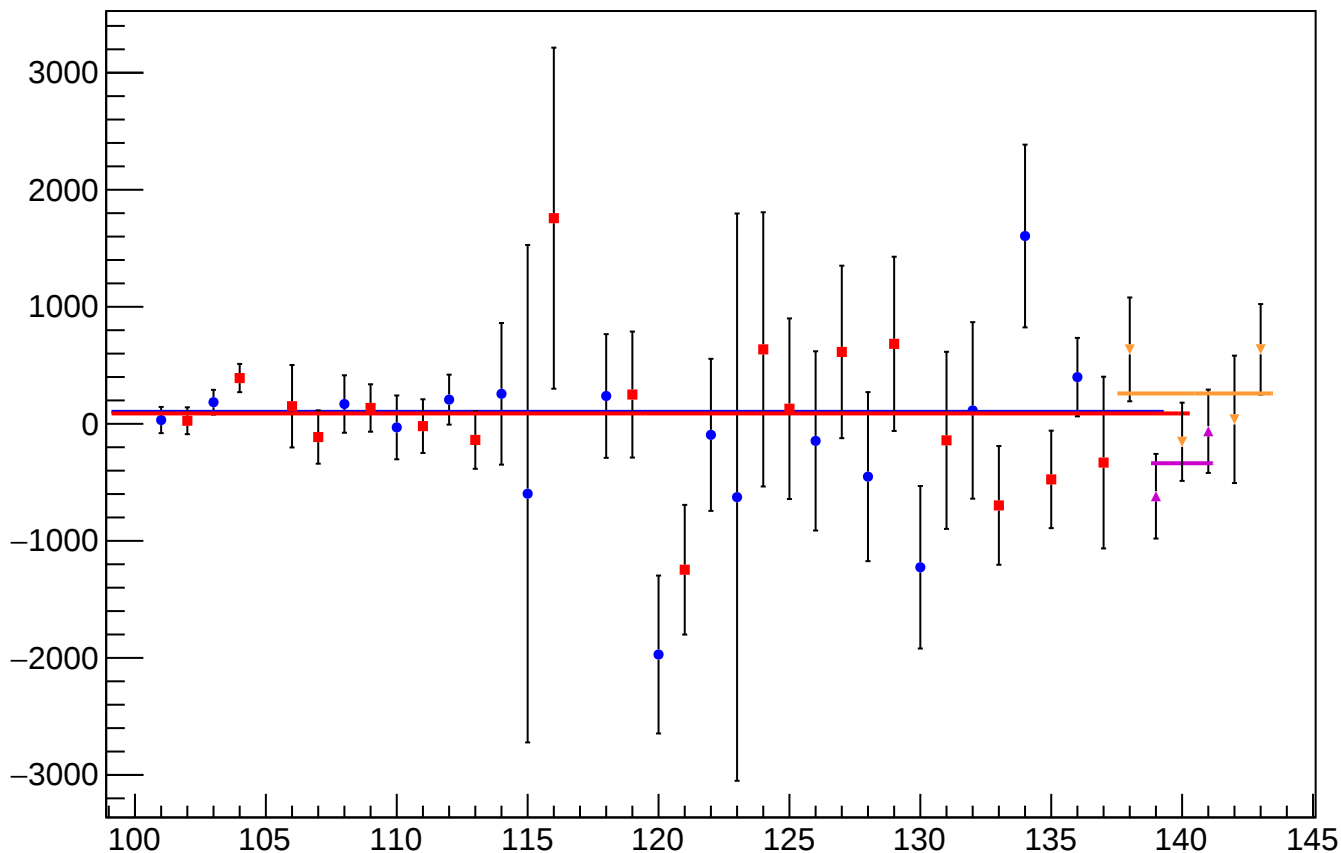
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 117.729+/-0.038 χ^2/NDF : 6824031.4/18

Out: 136.446+/-0.039 χ^2/NDF : 6914142.3/21

All: 126.822+/-0.027 χ^2/NDF : 13858663.3/40

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: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

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

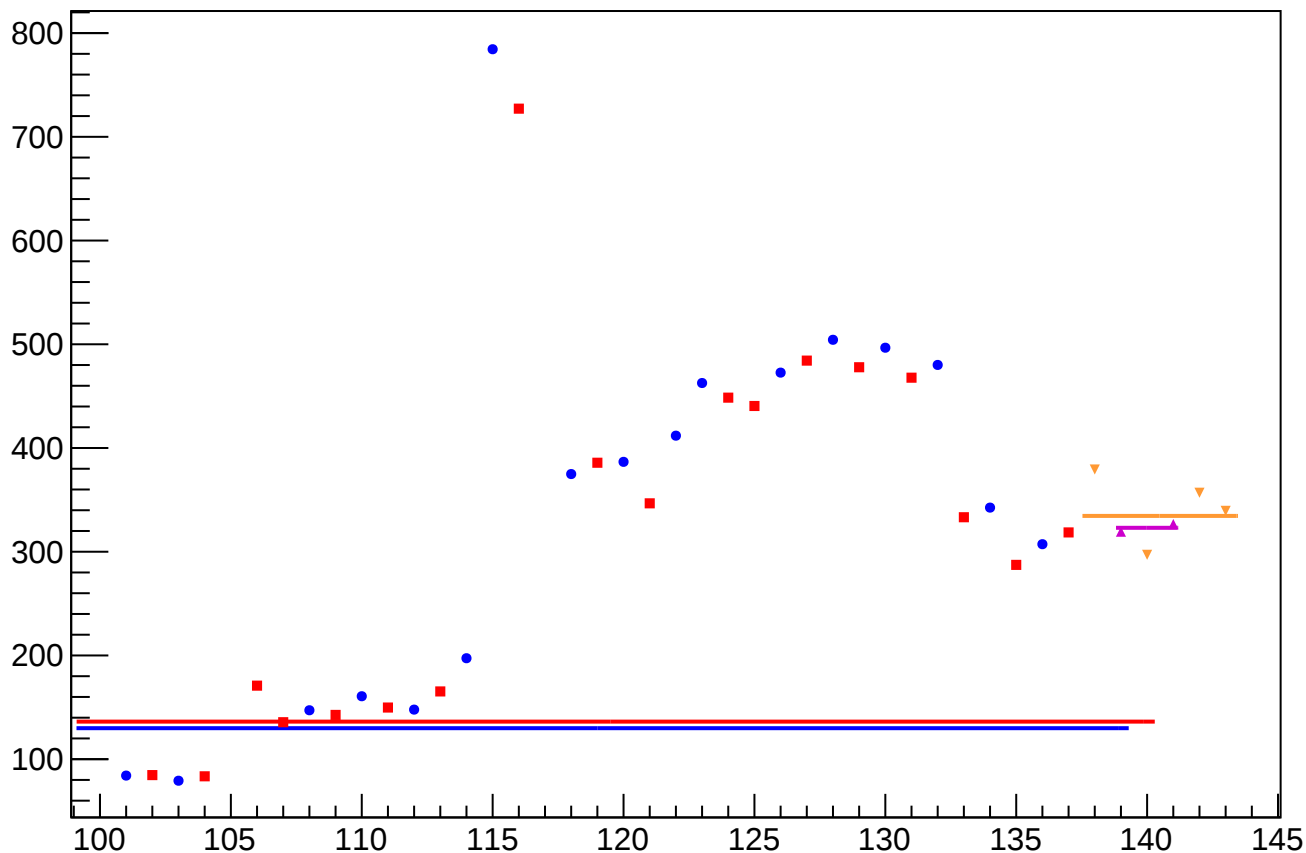
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 76.619 $\pm$ 61.258 χ^2 /NDF:24.3/18

Out: 103.415 $\pm$ 59.514 χ^2 /NDF:25.7/21

All: 90.404 $\pm$ 42.686 χ^2 /NDF: 50.1/40

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 334.536+/-0.144 χ^2/NDF : 49208.6/3

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 323.066+/-0.179 χ^2/NDF : 425.0/1

Left: 330.039+/-0.112 χ^2/NDF : 52120.4/5

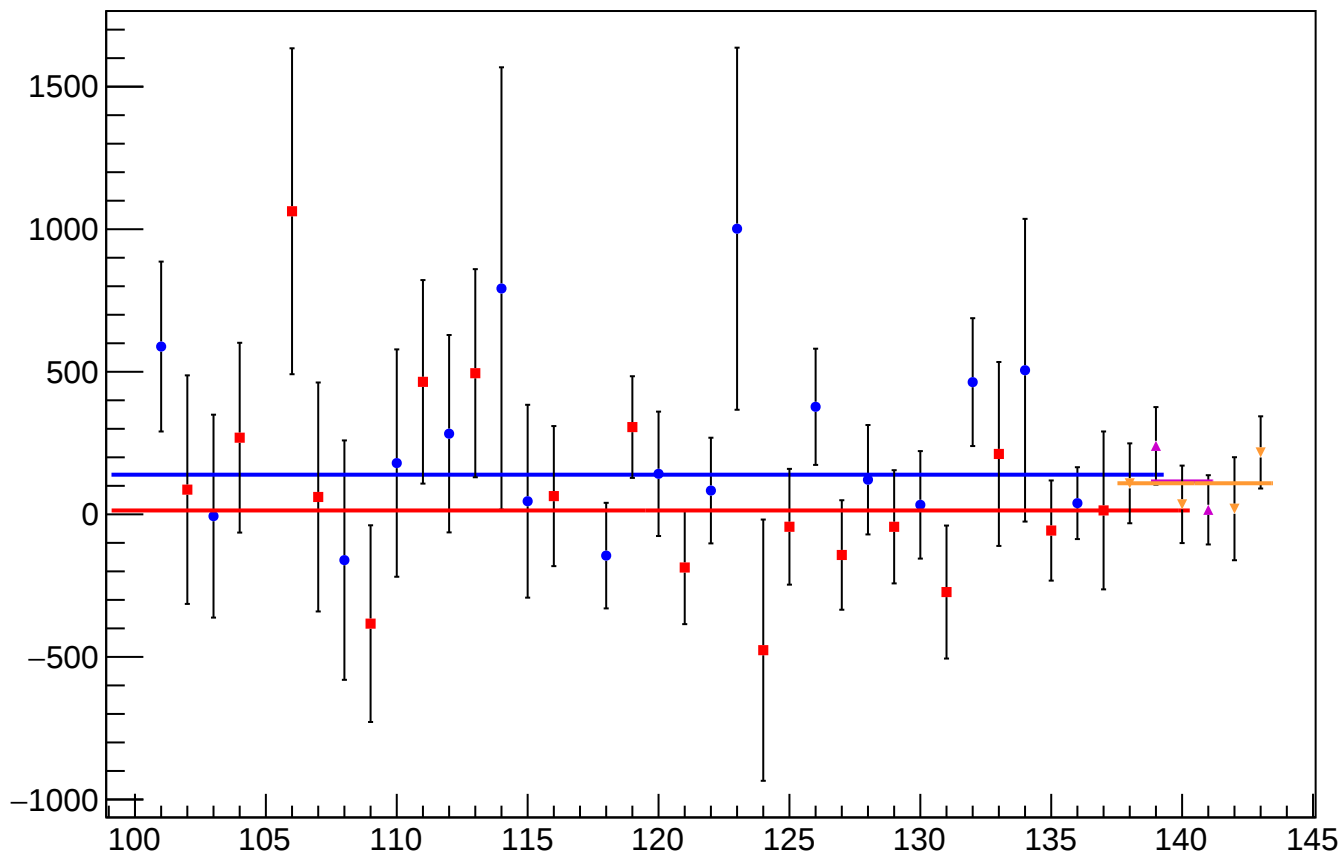
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 141.154+/-0.043 χ^2/NDF : 5922658.8/18

Out: 153.158+/-0.042 χ^2/NDF : 6066297.5/21

All: 147.330+/-0.030 χ^2/NDF : 12028464.8/40

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 109.041 $\pm$ 71.036 χ^2 /NDF: 1.3/3

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

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

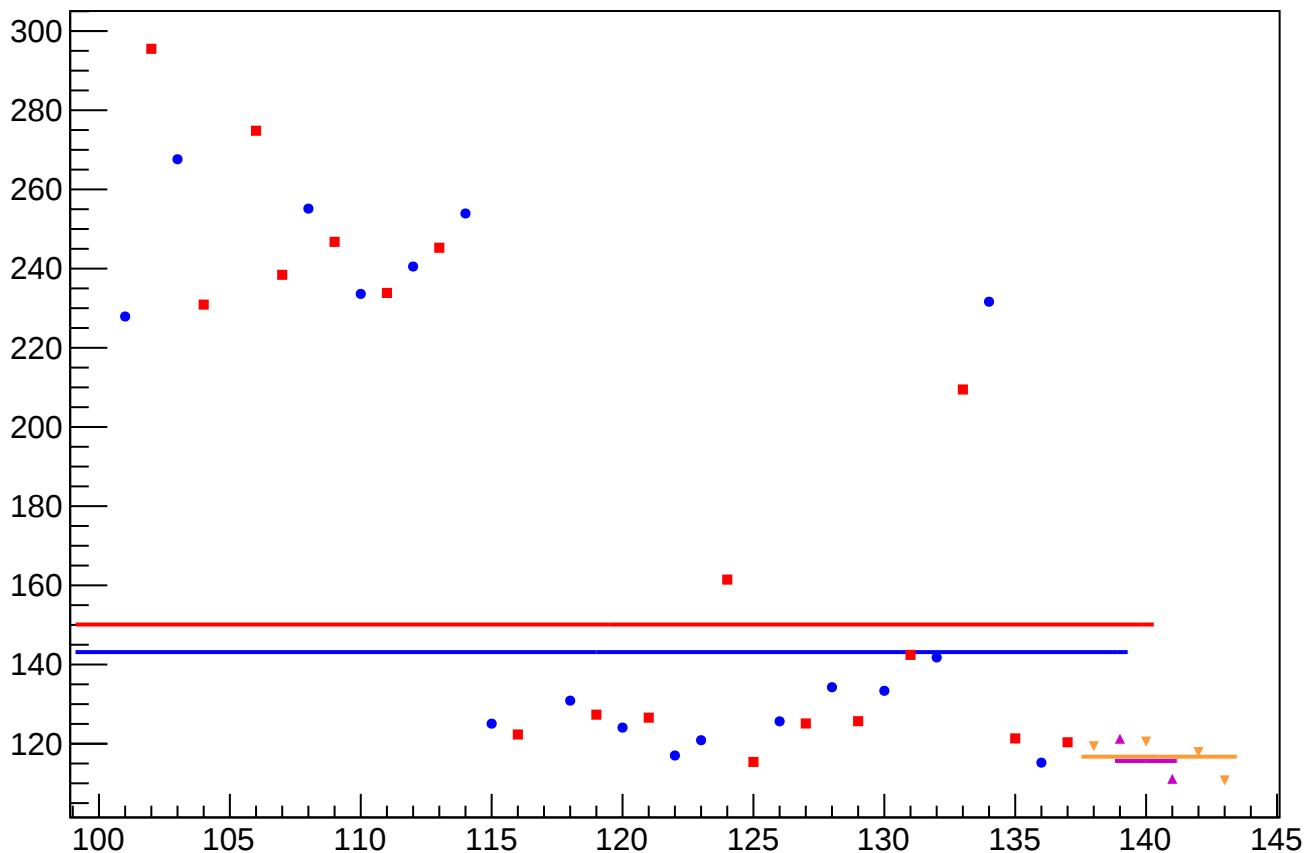
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 132.218 $\pm$ 48.834 χ^2 /NDF: 14.7/18

Out: 53.459 $\pm$ 45.894 χ^2 /NDF: 18.7/21

All: 90.396 $\pm$ 33.443 χ^2 /NDF: 34.8/40

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 116.731 $\pm$ 0.050 χ^2 /NDF: 6847.5/3

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

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

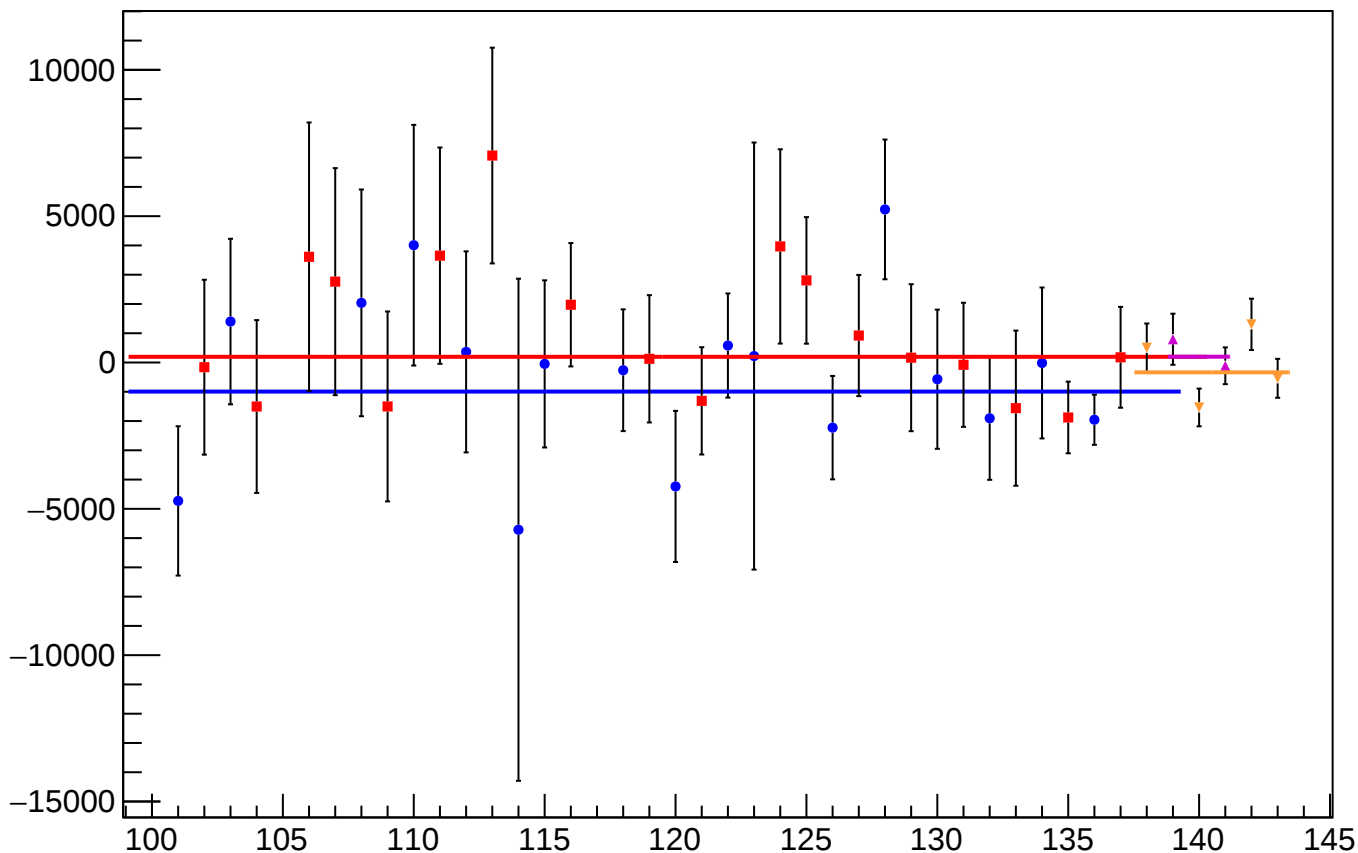
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 135.146 $\pm$ 0.035 χ^2 /NDF: 1238215.8/18

Out: 136.177 $\pm$ 0.032 χ^2 /NDF: 1596877.8/21

All: 135.694 $\pm$ 0.024 χ^2 /NDF: 2835566.8/40

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -336.310+/-367.033 χ^2/NDF : 8.1/3

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: 197.865+/-510.107 χ^2/NDF : 0.7/1

Left: -154.096+/-297.927 χ^2/NDF : 9.5/5

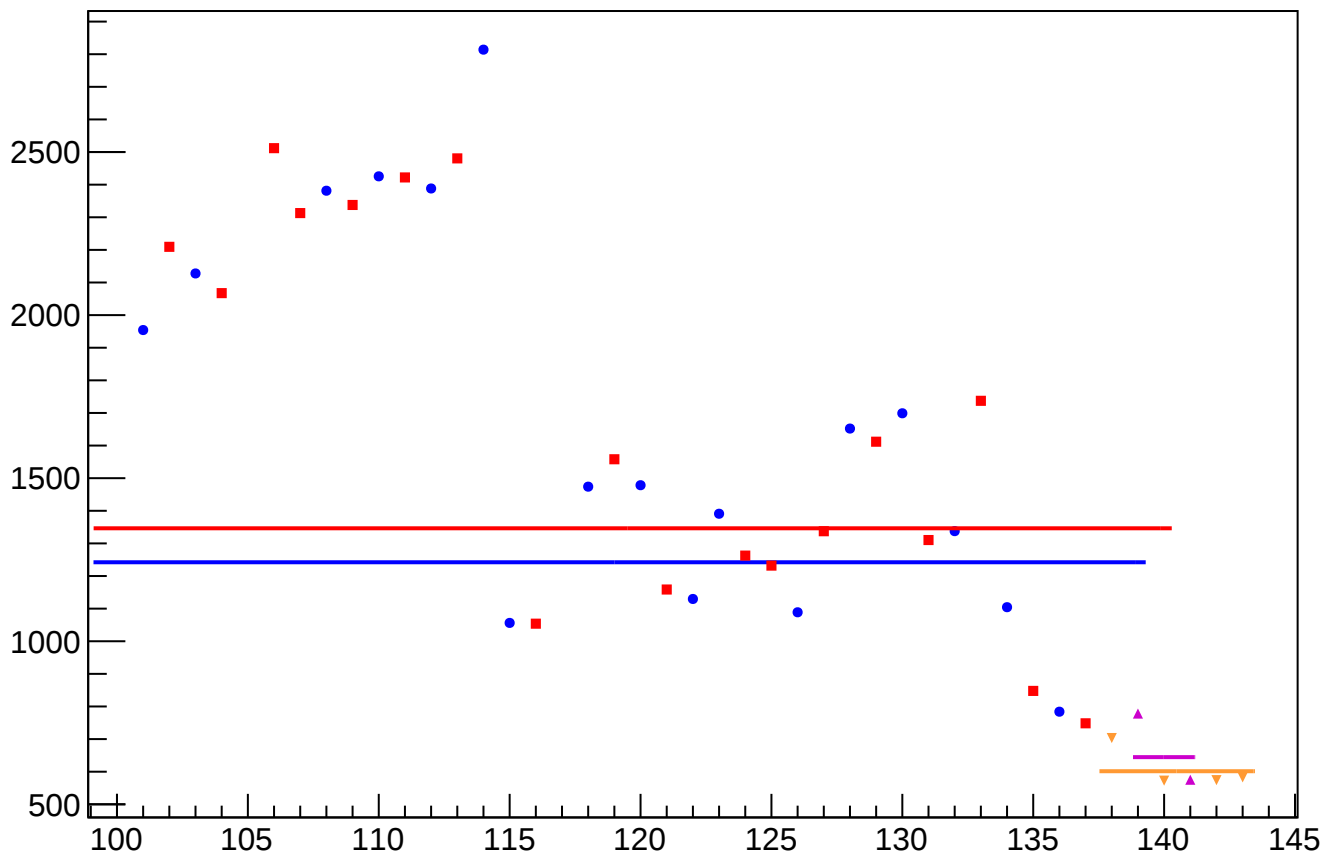
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -390.582+/-362.927 χ^2/NDF : 20.3/18

Out: -170.019+/-304.227 χ^2/NDF : 22.3/21

All: -261.043+/-233.148 χ^2/NDF : 42.8/40

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 601.468+/-0.260 χ^2/NDF : 37693.4/3

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 644.658+/-0.361 χ^2/NDF : 71137.5/1

Left: 616.200+/-0.211 χ^2/NDF : 118277.8/5

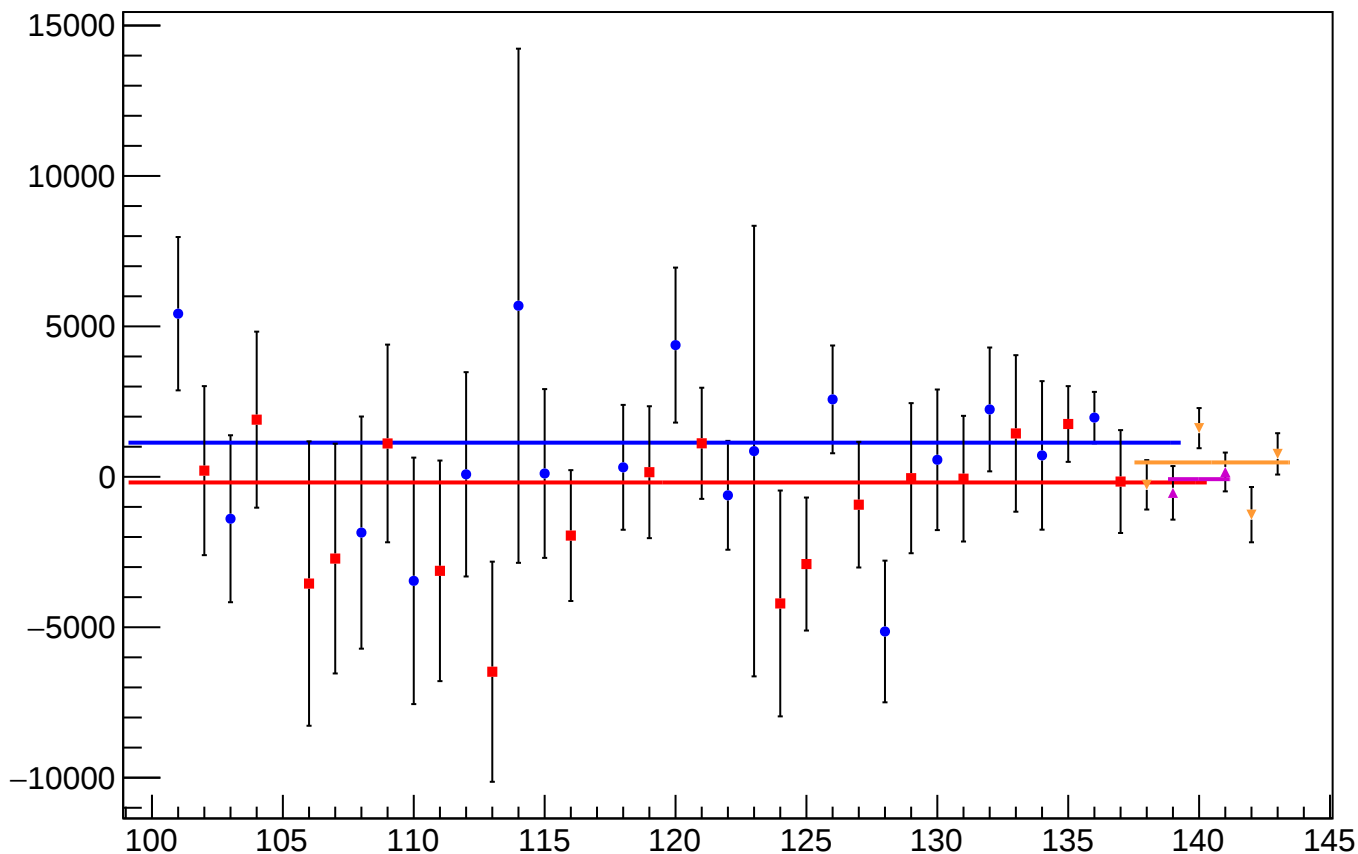
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 939.716+/-0.257 χ^2/NDF : 3193633.0/18

Out: 834.579+/-0.215 χ^2/NDF : 4424753.8/21

All: 877.968+/-0.165 χ^2/NDF : 7716961.9/40

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: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: -77.625+/-522.351 χ^2/NDF : 0.4/1

Left: 287.801+/-305.798 χ^2/NDF : 8.6/5

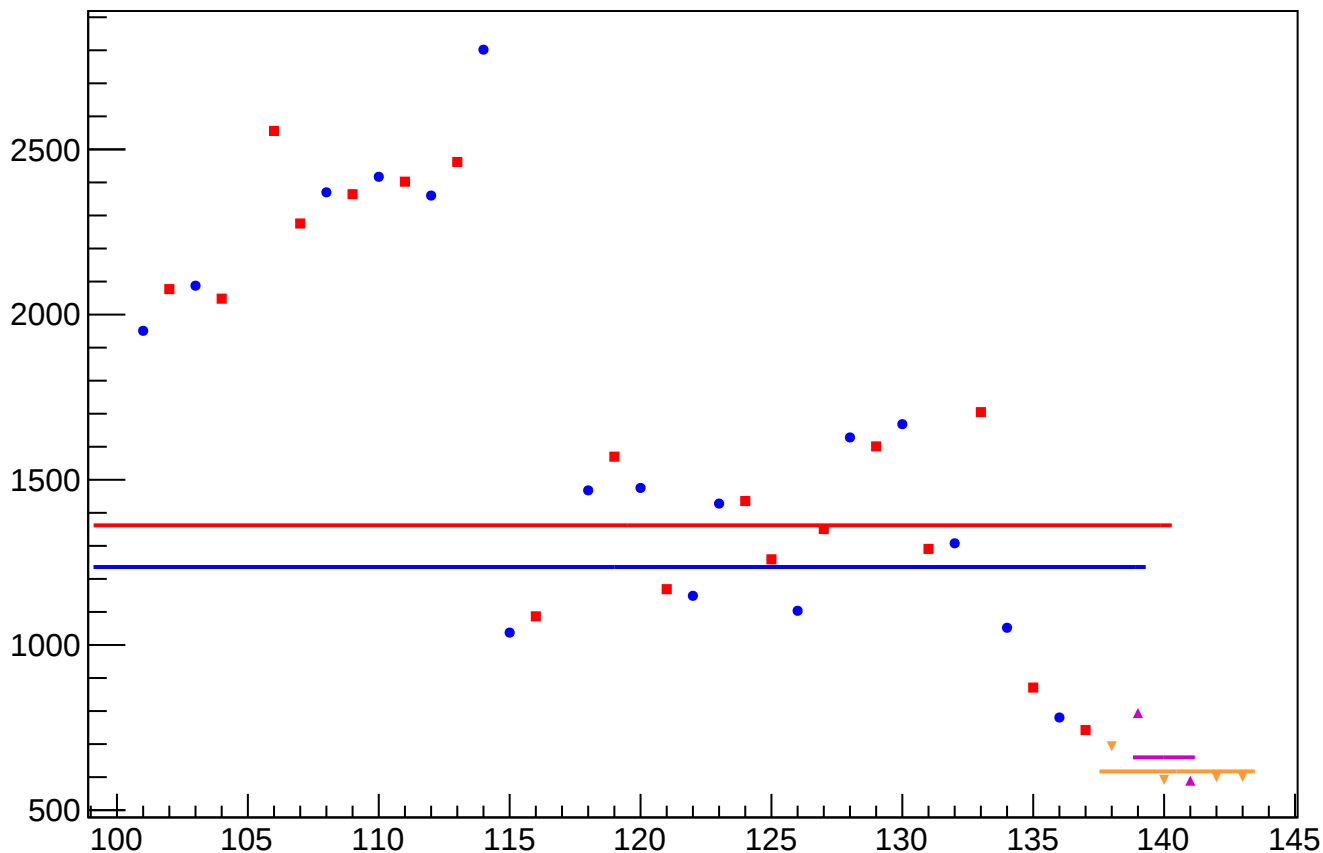
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 538.842+/-366.287 χ^2/NDF : 20.9/18

Out: 264.398+/-310.739 χ^2/NDF : 20.4/21

All: 379.254+/-236.957 χ^2/NDF : 41.7/40

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 617.260 $\pm$ 0.267 χ^2 /NDF: 21874.6/3

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 659.818 $\pm$ 0.369 χ^2 /NDF: 69328.8/1

Left: 631.845 $\pm$ 0.216 χ^2 /NDF: 99929.5/5

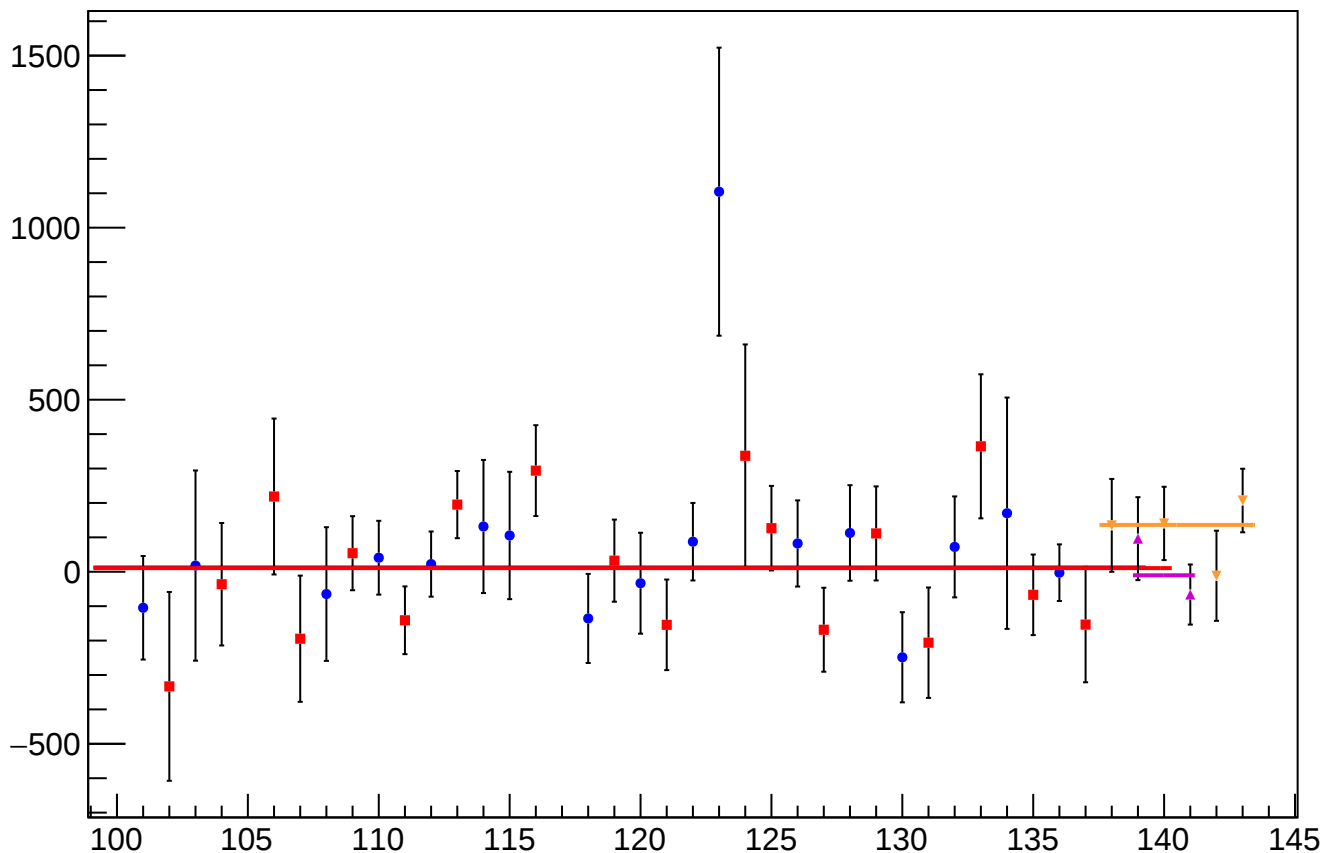
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 952.649 $\pm$ 0.259 χ^2 /NDF: 3051664.7/18

Out: 856.584 $\pm$ 0.220 χ^2 /NDF: 4236962.0/21

All: 896.788 $\pm$ 0.168 χ^2 /NDF: 7368622.5/40

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 136.188+/-56.031 χ^2/NDF : 1.9/3

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: -10.267+/-70.739 χ^2/NDF : 1.2/1

Left: 79.727+/-43.922 χ^2/NDF : 5.7/5

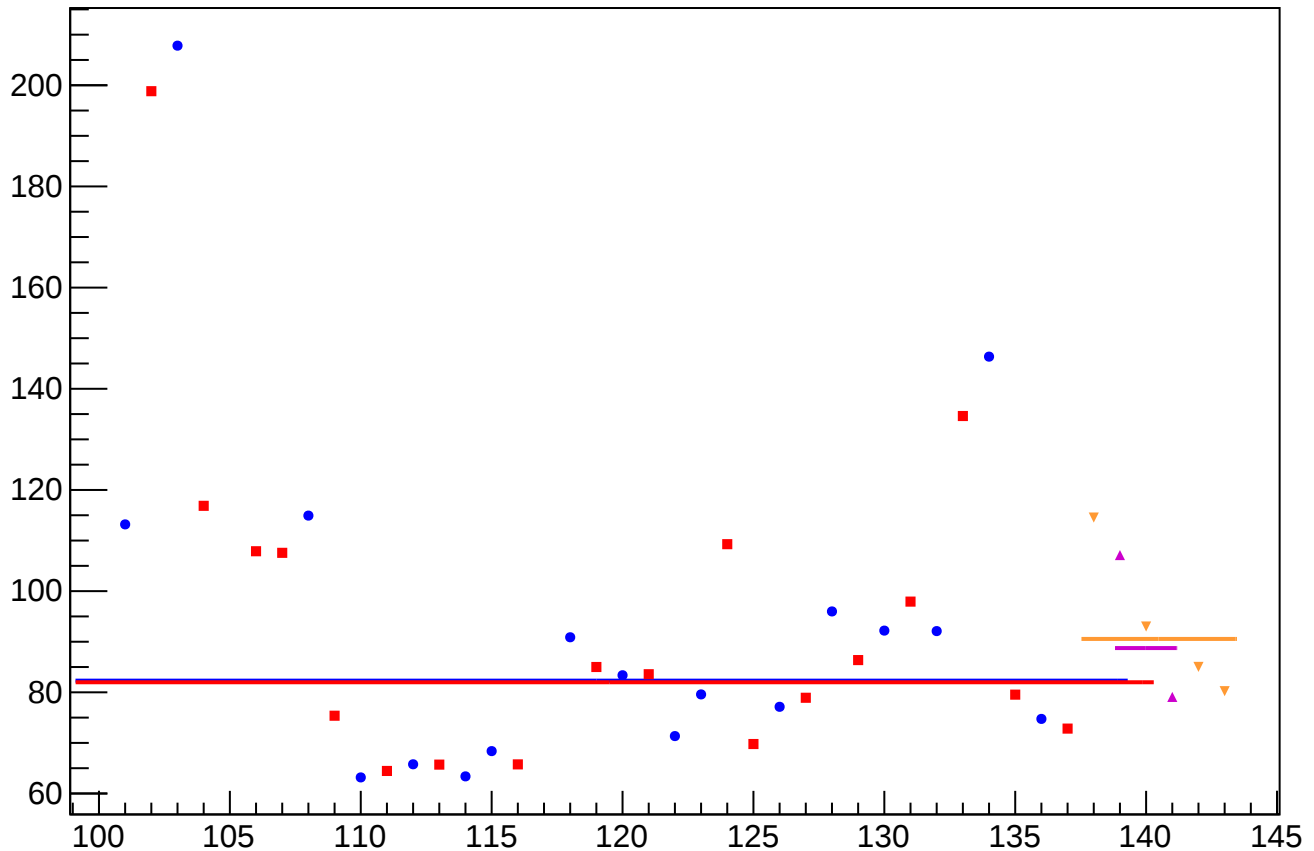
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 8.228+/-30.075 χ^2/NDF : 16.6/18

Out: 42.364+/-28.181 χ^2/NDF : 32.4/21

All: 26.404+/-20.564 χ^2/NDF : 49.7/40

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 90.554 $\pm$ 0.040 χ^2 /NDF: 92883.0/3

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

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

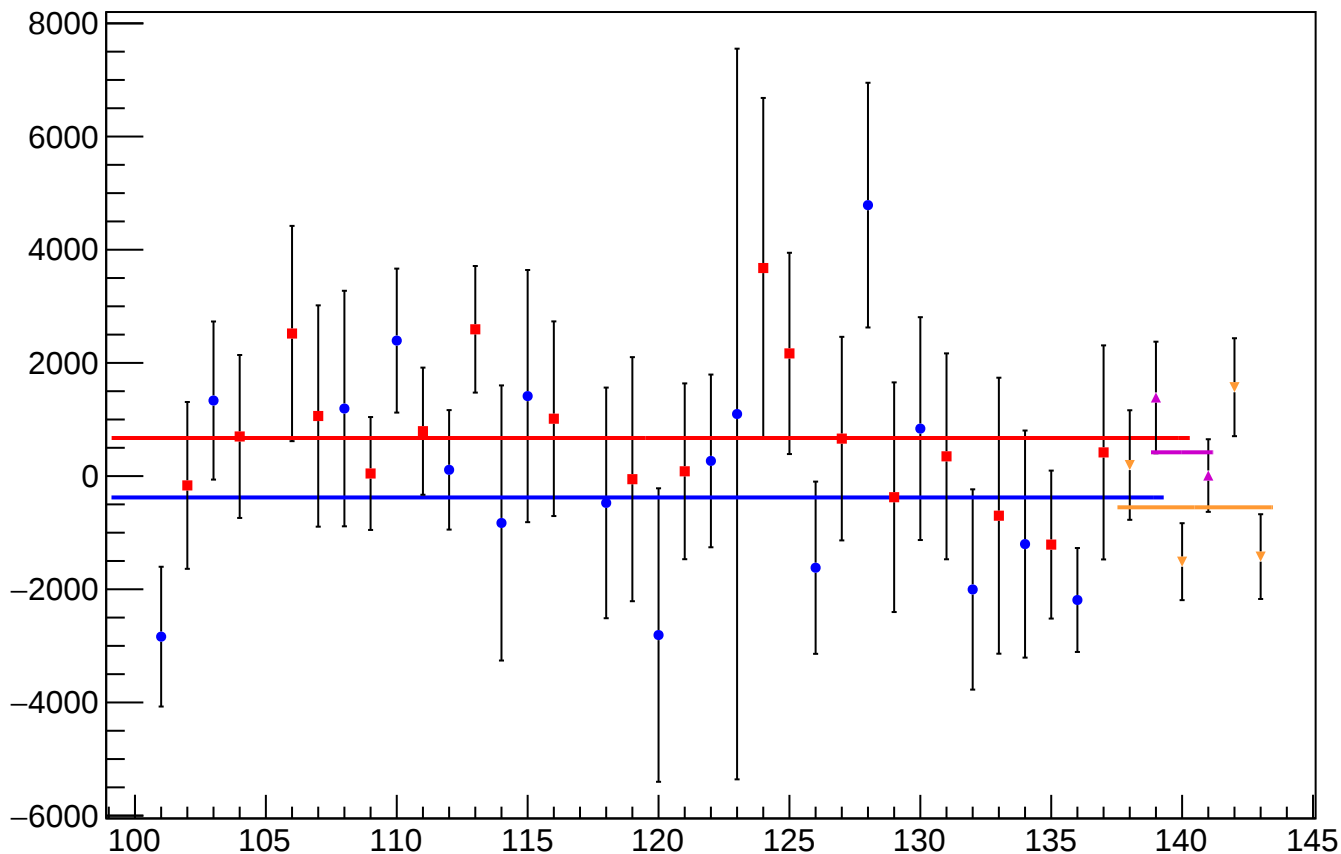
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 83.470 $\pm$ 0.021 χ^2 /NDF: 953262.8/18

Out: 84.154 $\pm$ 0.020 χ^2 /NDF: 981024.0/21

All: 83.834 $\pm$ 0.015 χ^2 /NDF: 1934838.3/40

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: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 420.290 ± 537.736 $\chi^2/\text{NDF}: 1.4/1$

Left: -208.905 ± 319.310 $\chi^2/\text{NDF}: 13.5/5$

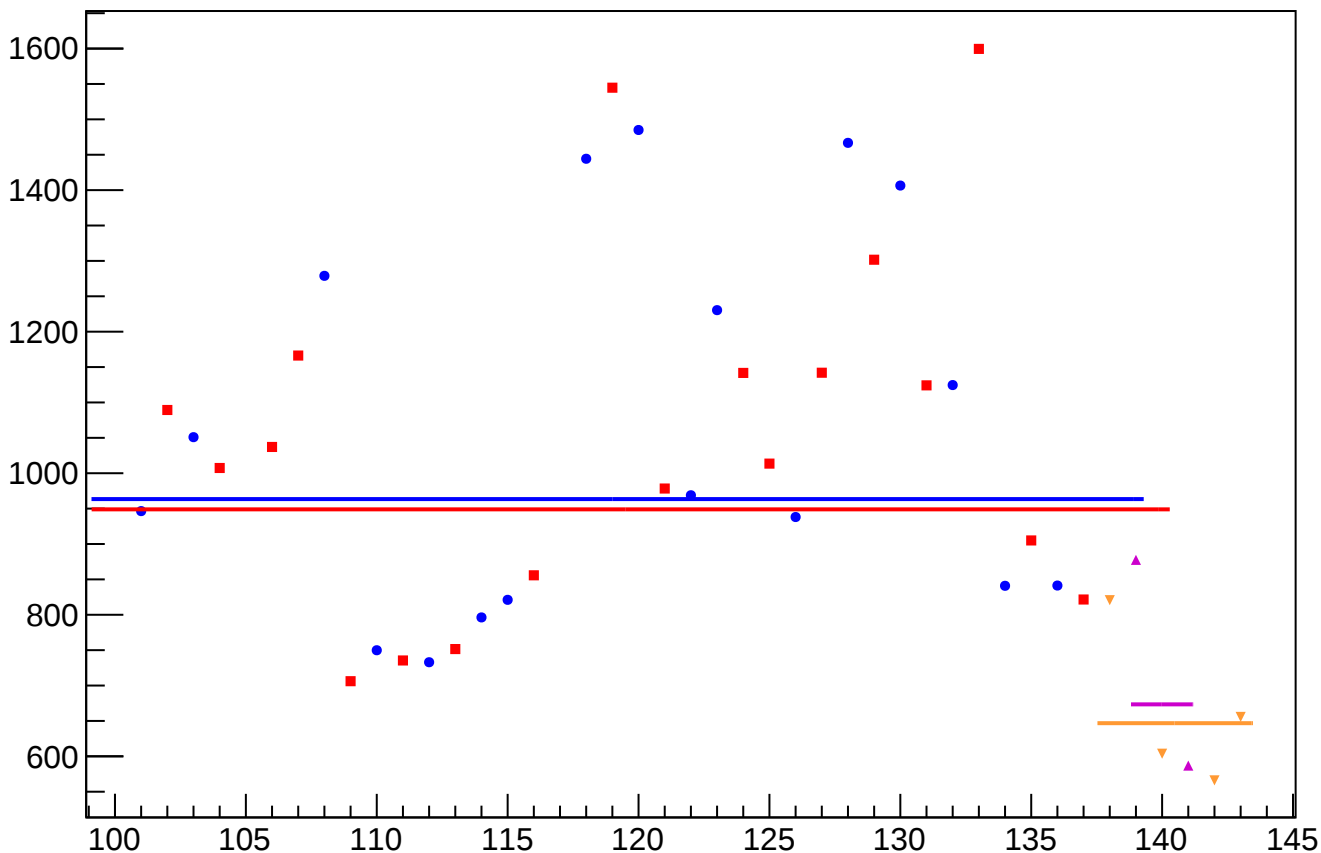
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -108.050 ± 312.445 $\chi^2/\text{NDF}: 27.3/18$

Out: 105.902 ± 270.085 $\chi^2/\text{NDF}: 24.4/21$

All: 14.402 ± 204.327 $\chi^2/\text{NDF}: 52.0/40$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 646.832+/-0.281 χ^2/NDF : 90232.0/3

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 673.419+/-0.380 χ^2/NDF : 122187.9/1

Left: 656.207+/-0.226 χ^2/NDF : 215585.3/5

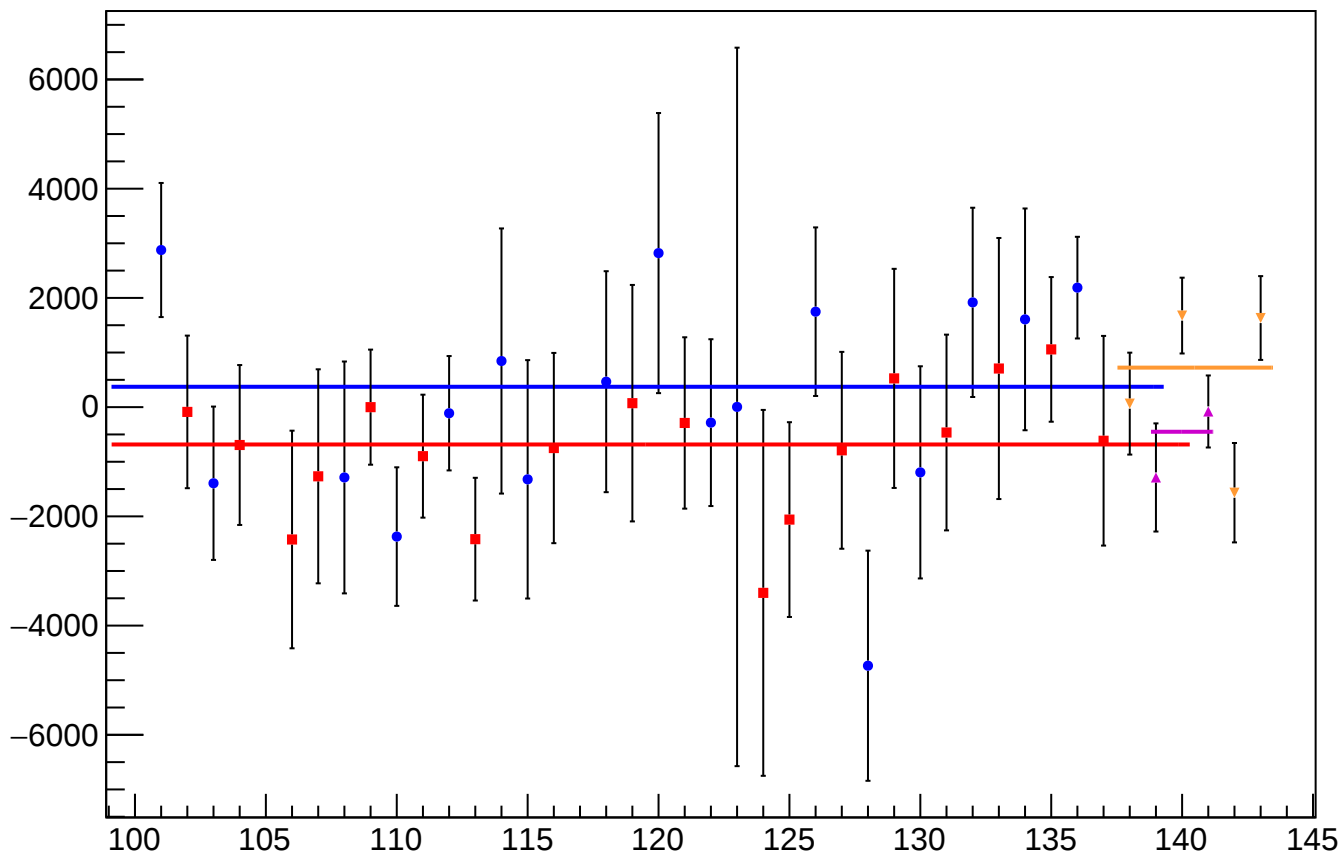
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 865.547+/-0.221 χ^2/NDF : 1196499.0/18

Out: 809.015+/-0.191 χ^2/NDF : 1441846.0/21

All: 833.192+/-0.144 χ^2/NDF : 2675817.9/40

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: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

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

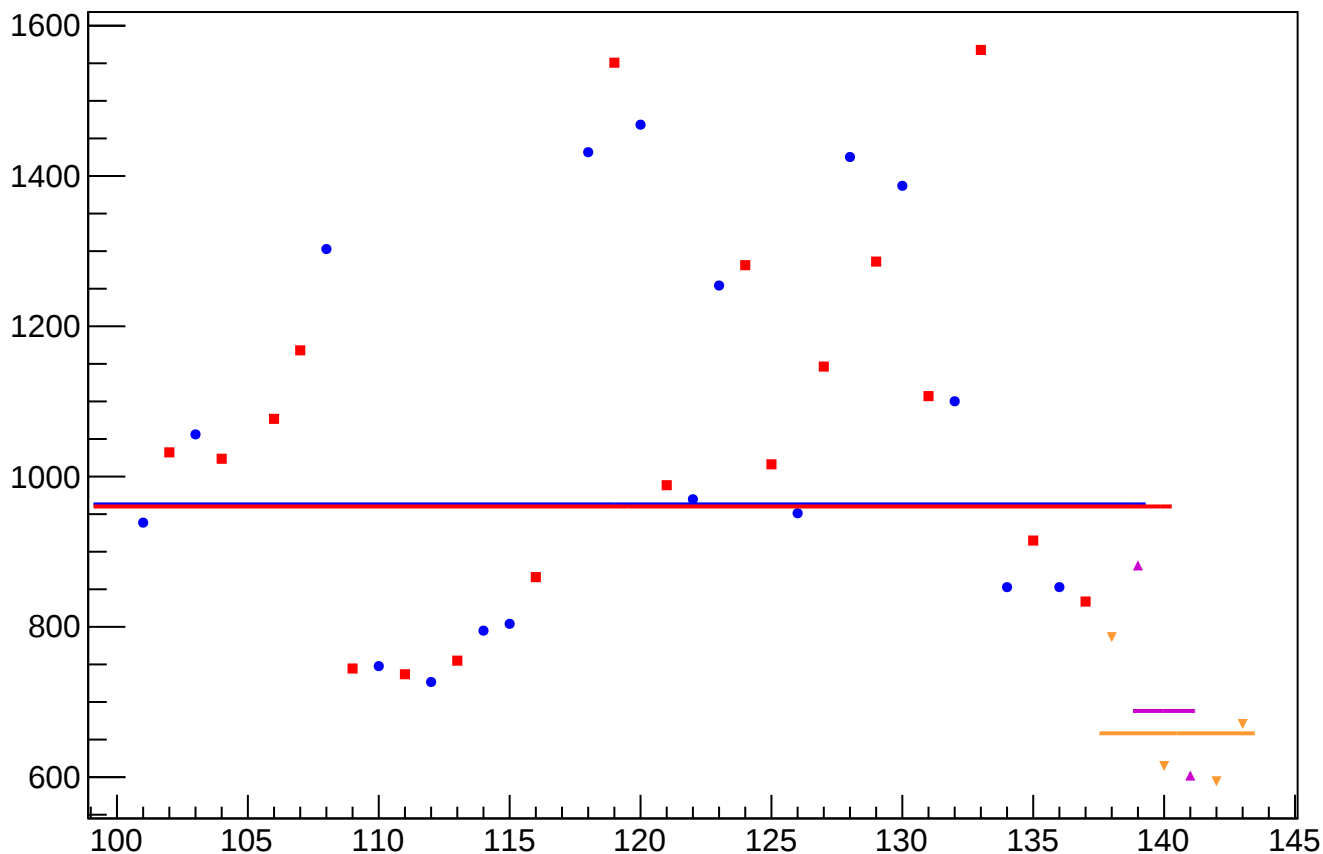
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 102.579 $\pm$ 314.462 χ^2 /NDF:27.8/18

Out: -36.864 $\pm$ 273.777 χ^2 /NDF:24.4/21

All: 23.259 $\pm$ 206.486 χ^2 /NDF: 52.4/40

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 658.372+/-0.286 χ^2/NDF : 55845.2/3

Right Out: 960.218+/-0.263 χ^2/NDF : 671009.3/17

Left In: 688.107+/-0.388 χ^2/NDF : 110495.6/1

Left: 668.815+/-0.230 χ^2/NDF : 170148.7/5

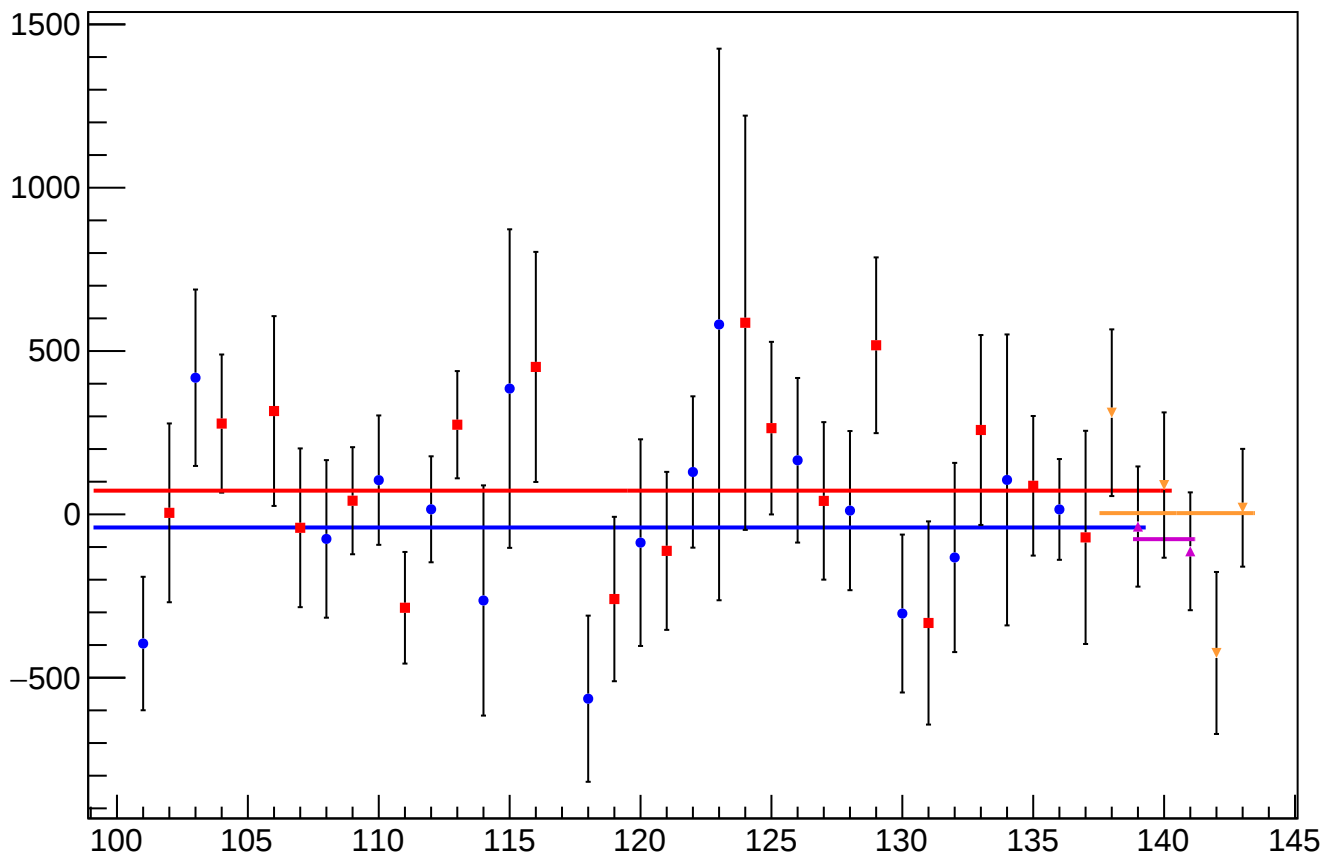
Right: 961.553+/-0.189 χ^2/NDF : 1338584.2/34

In: 872.761+/-0.222 χ^2/NDF : 1114920.3/18

Out: 821.497+/-0.194 χ^2/NDF : 1330658.3/21

All: 843.600+/-0.146 χ^2/NDF : 2475813.1/40

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 3.823 ± 110.036 χ^2/NDF : 4.6/3

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: -75.893 ± 128.796 χ^2/NDF : 0.1/1

Left: -29.811 ± 83.661 χ^2/NDF : 4.9/5

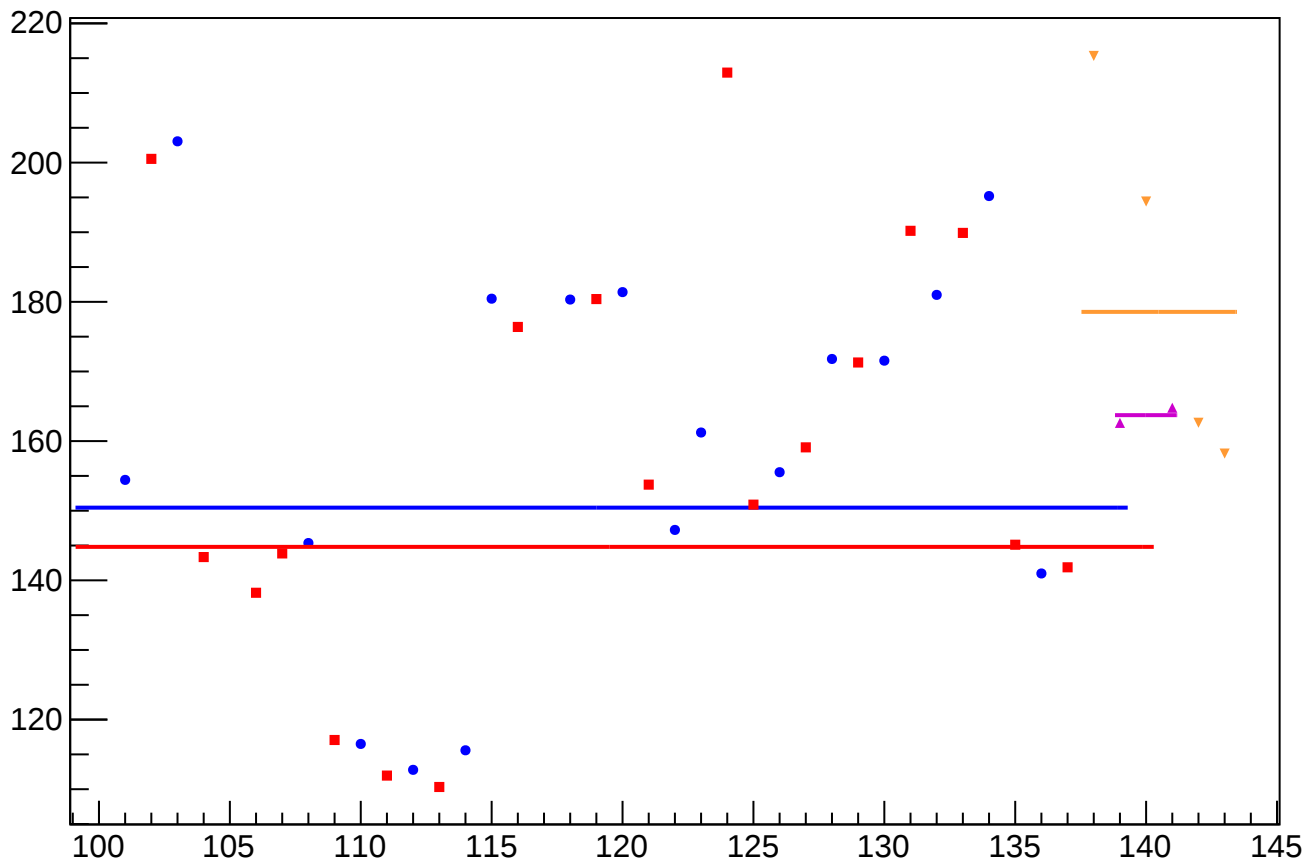
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: -46.371 ± 53.832 χ^2/NDF : 15.5/18

Out: 58.330 ± 50.130 χ^2/NDF : 22.5/21

All: 9.704 ± 36.686 χ^2/NDF : 40.0/40

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2/NDF : 400121.4/16

Left Out: 178.560 $\pm$ 0.078 χ^2/NDF :85403.8/3

Right Out: 144.807 $\pm$ 0.040 χ^2/NDF : 503863.1/17

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

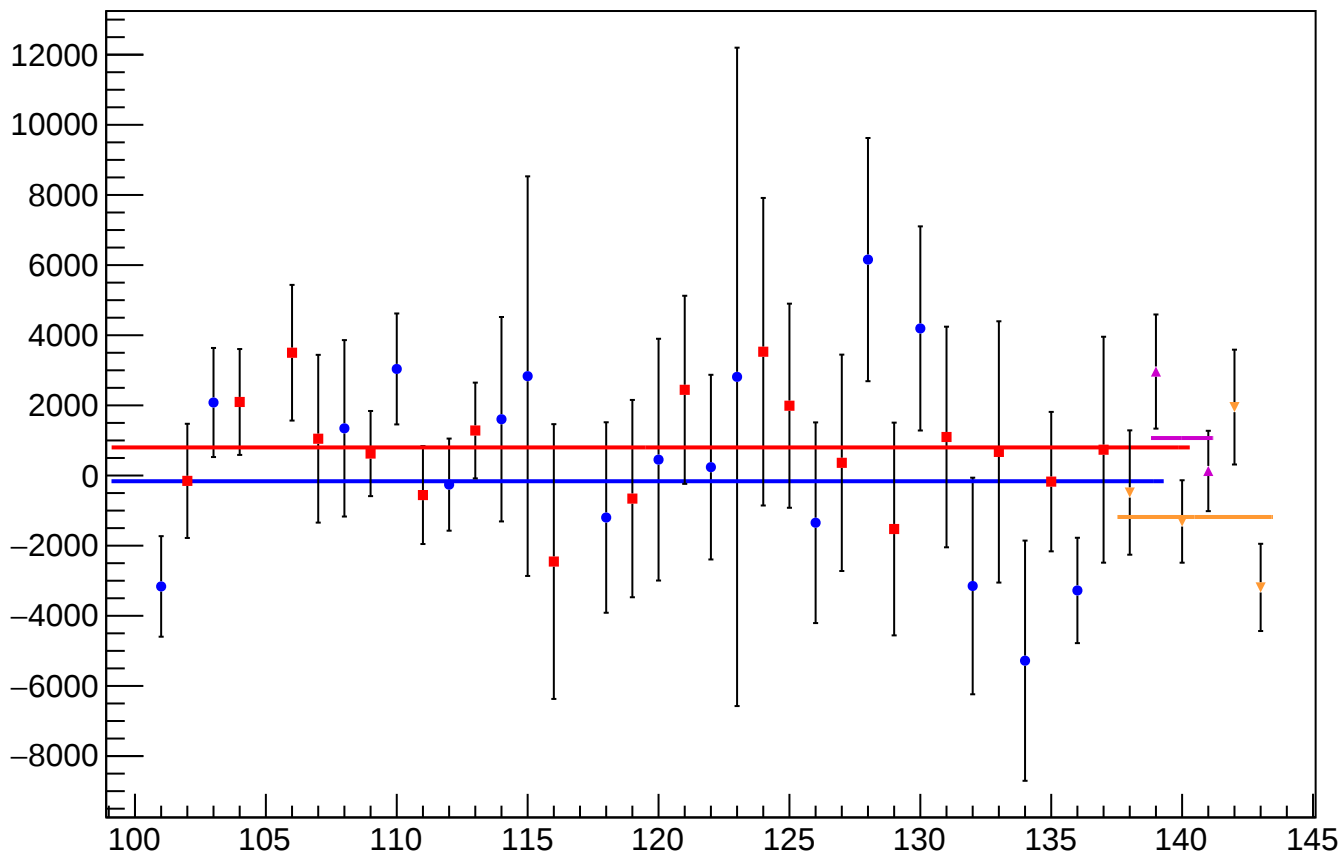
Right: 147.481 $\pm$ 0.029 χ^2/NDF : 913486.7/34

In: 152.762 $\pm$ 0.038 χ^2/NDF :417824.7/18

Out: 151.813 $\pm$ 0.035 χ^2/NDF :738397.0/21

All: 152.254 $\pm$ 0.026 χ^2/NDF : 1156555.1/40

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -1182.425+/-696.519 χ^2/NDF : 6.4/3

Right Out: 801.139+/-486.610 χ^2/NDF : 6.9/17

Left In: 1068.985+/-936.646 χ^2/NDF : 2.0/1

Left: -380.743+/-558.919 χ^2/NDF : 12.2/5

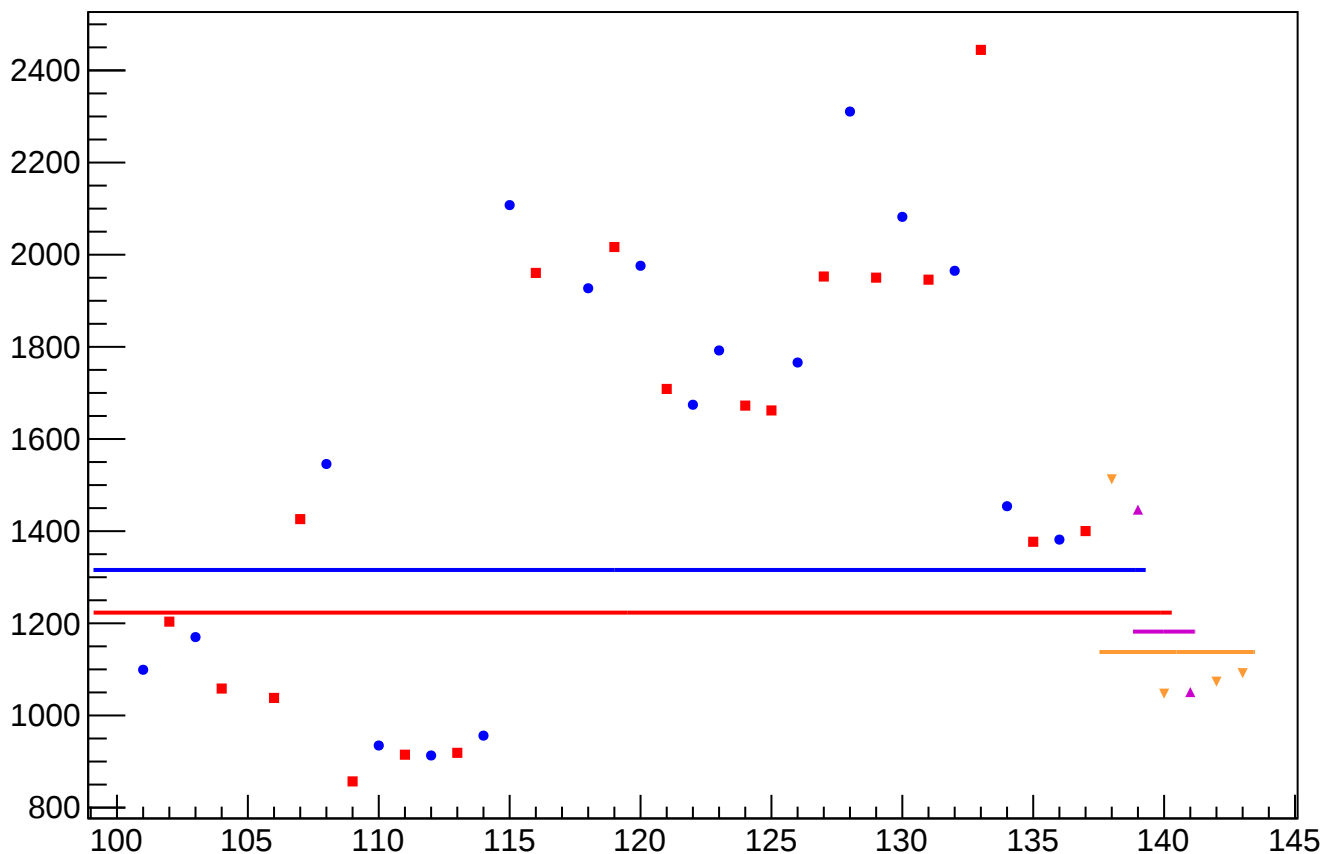
Right: 363.081+/-359.419 χ^2/NDF : 33.7/34

In: 138.643+/-463.355 χ^2/NDF : 28.4/18

Out: 150.538+/-398.903 χ^2/NDF : 18.8/21

All: 145.475+/-302.308 χ^2/NDF : 47.2/40

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1137.740+/-0.493 χ^2/NDF : 107023.5/3

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1181.978+/-0.662 χ^2/NDF : 79169.1/1

Left: 1153.493+/-0.395 χ^2/NDF : 189065.4/5

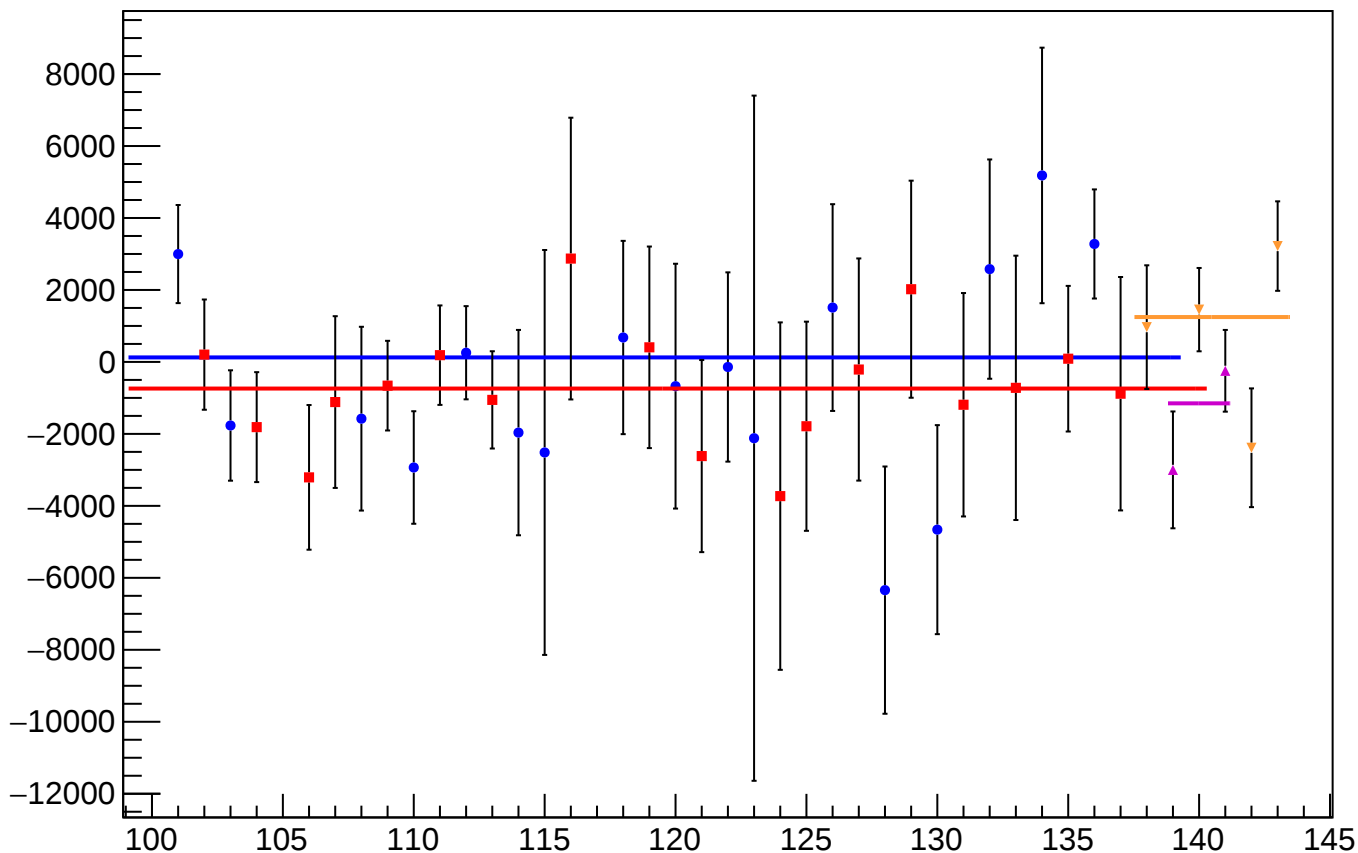
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1283.039+/-0.328 χ^2/NDF : 1228343.1/18

Out: 1195.155+/-0.282 χ^2/NDF : 1490301.3/21

All: 1232.564+/-0.214 χ^2/NDF : 2759966.4/40

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1247.103 $\pm$ 690.322 χ^2 /NDF: 7.4/3

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

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

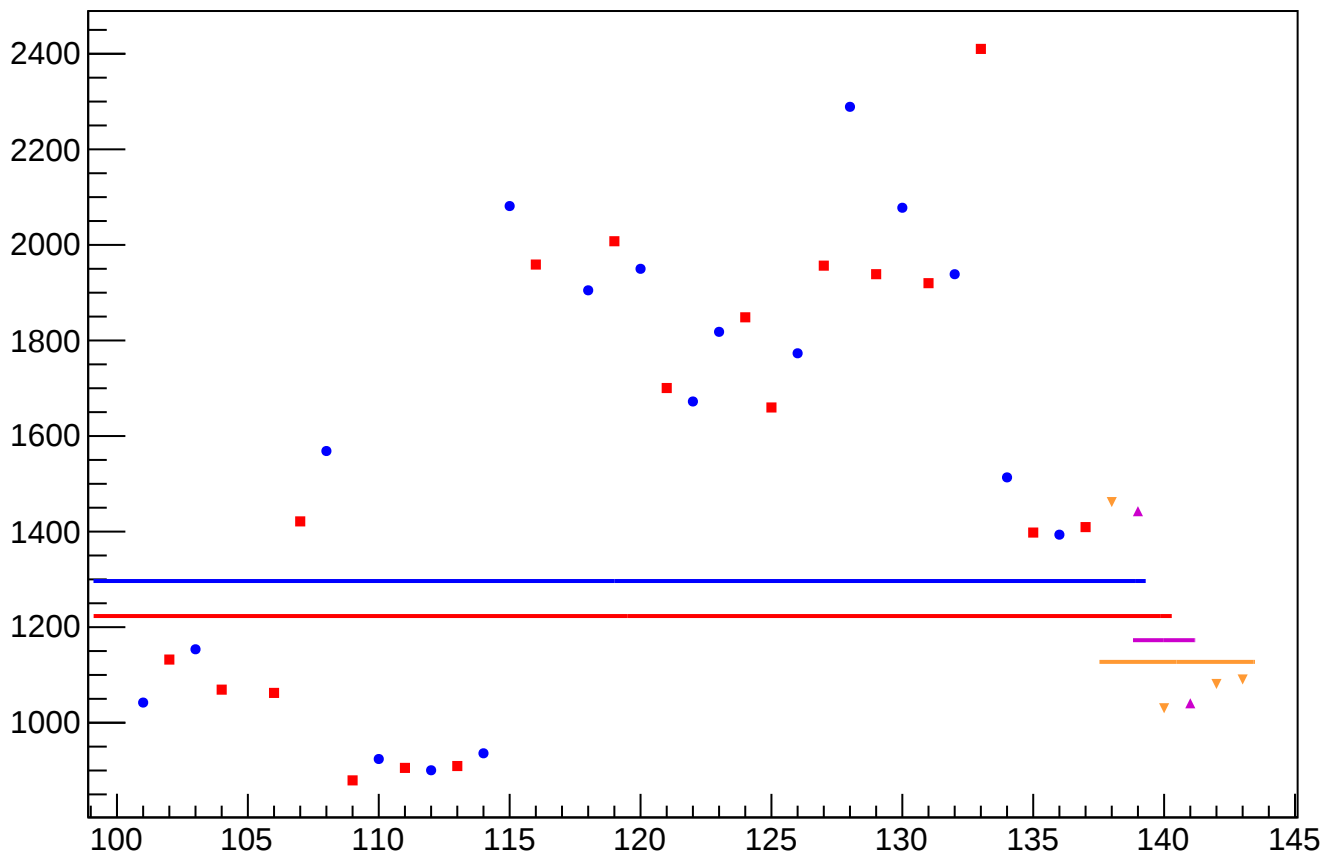
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -184.492 $\pm$ 458.426 χ^2 /NDF: 28.0/18

Out: -79.997 $\pm$ 397.836 χ^2 /NDF: 19.0/21

All: -124.888 $\pm$ 300.467 χ^2 /NDF: 47.0/40

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1127.342+/-0.488 χ^2/NDF : 93078.8/3

Right Out: 1223.274+/-0.344 χ^2/NDF : 1346689.2/17

Left In: 1172.744+/-0.658 χ^2/NDF : 82357.7/1

Left: 1143.461+/-0.392 χ^2/NDF : 178507.8/5

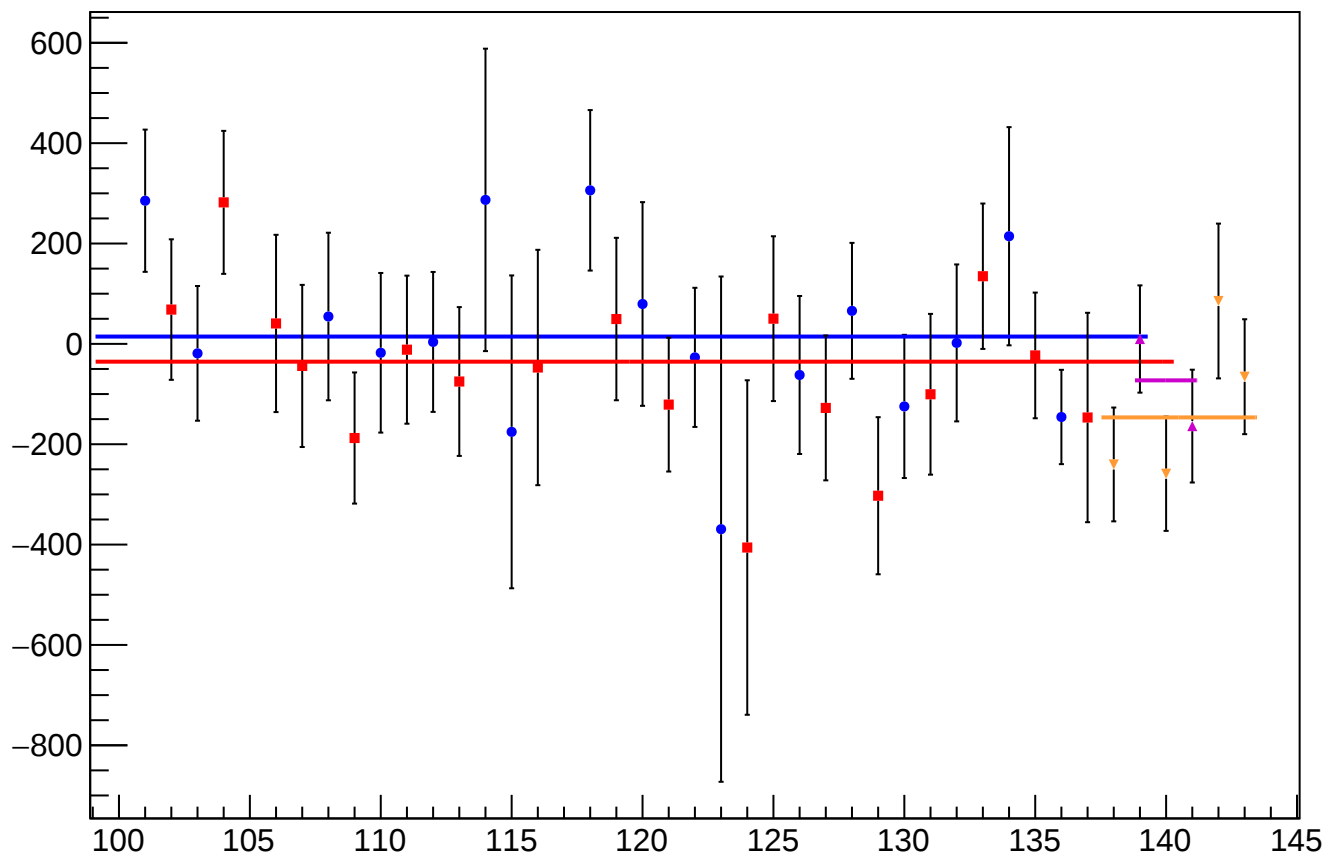
Right: 1257.036+/-0.253 χ^2/NDF : 2543039.6/34

In: 1266.515+/-0.324 χ^2/NDF : 1284647.1/18

Out: 1191.413+/-0.281 χ^2/NDF : 1465563.9/21

All: 1223.676+/-0.212 χ^2/NDF : 2780829.5/40

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: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -72.713 ± 77.453 $\chi^2/\text{NDF}: 1.3/1$

Left: -118.570 ± 47.682 $\chi^2/\text{NDF}: 6.2/5$

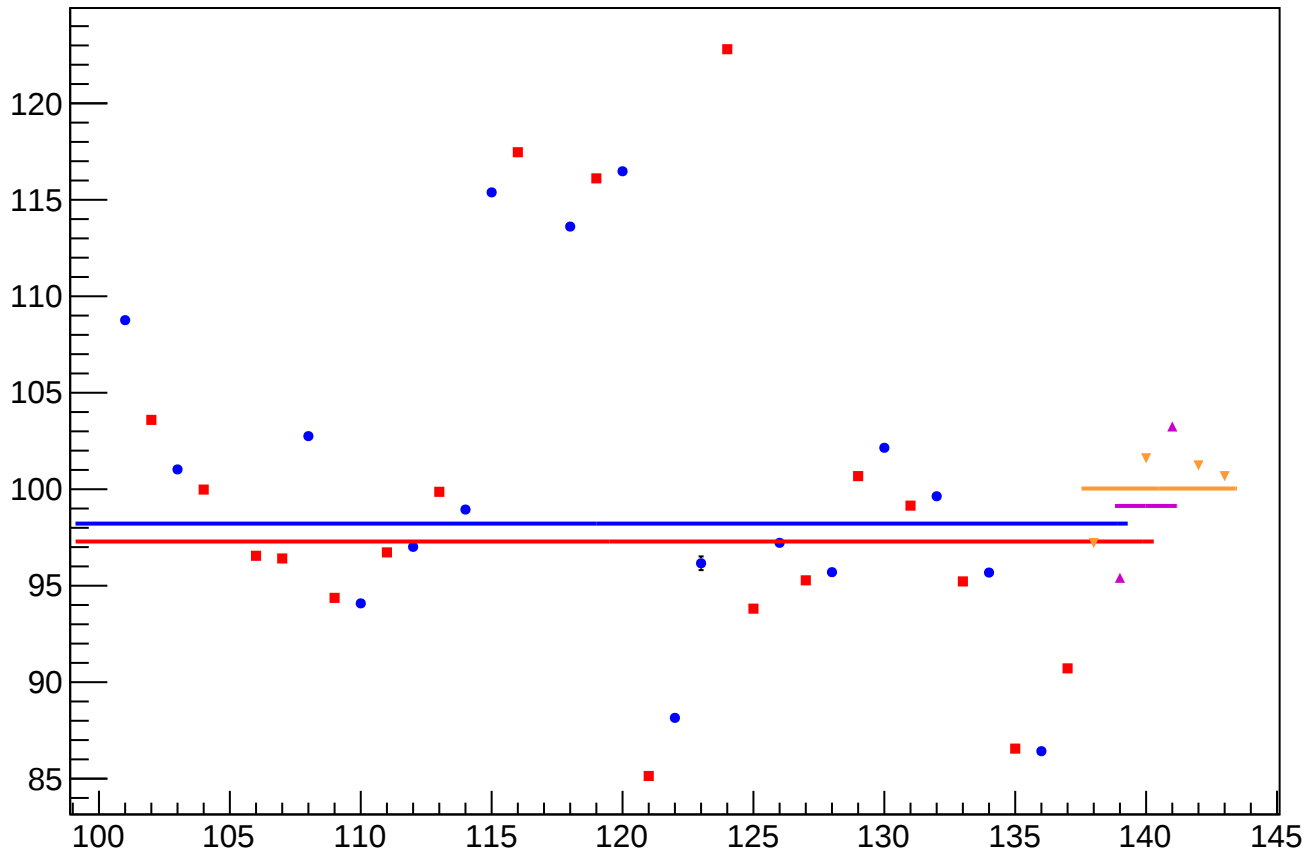
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -2.370 ± 34.127 $\chi^2/\text{NDF}: 16.5/18$

Out: -65.382 ± 31.397 $\chi^2/\text{NDF}: 21.4/21$

All: -36.498 ± 23.106 $\chi^2/\text{NDF}: 39.7/40$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2 /NDF: 100510.4/16

Left Out: 100.037 $\pm$ 0.043 χ^2 /NDF:1803.0/3

Right Out: 97.290 $\pm$ 0.026 χ^2 /NDF: 96216.6/17

Left In: 99.134 $\pm$ 0.055 χ^2 /NDF:5113.9/1

Left: 99.695 $\pm$ 0.034 χ^2 /NDF: 7085.7/5

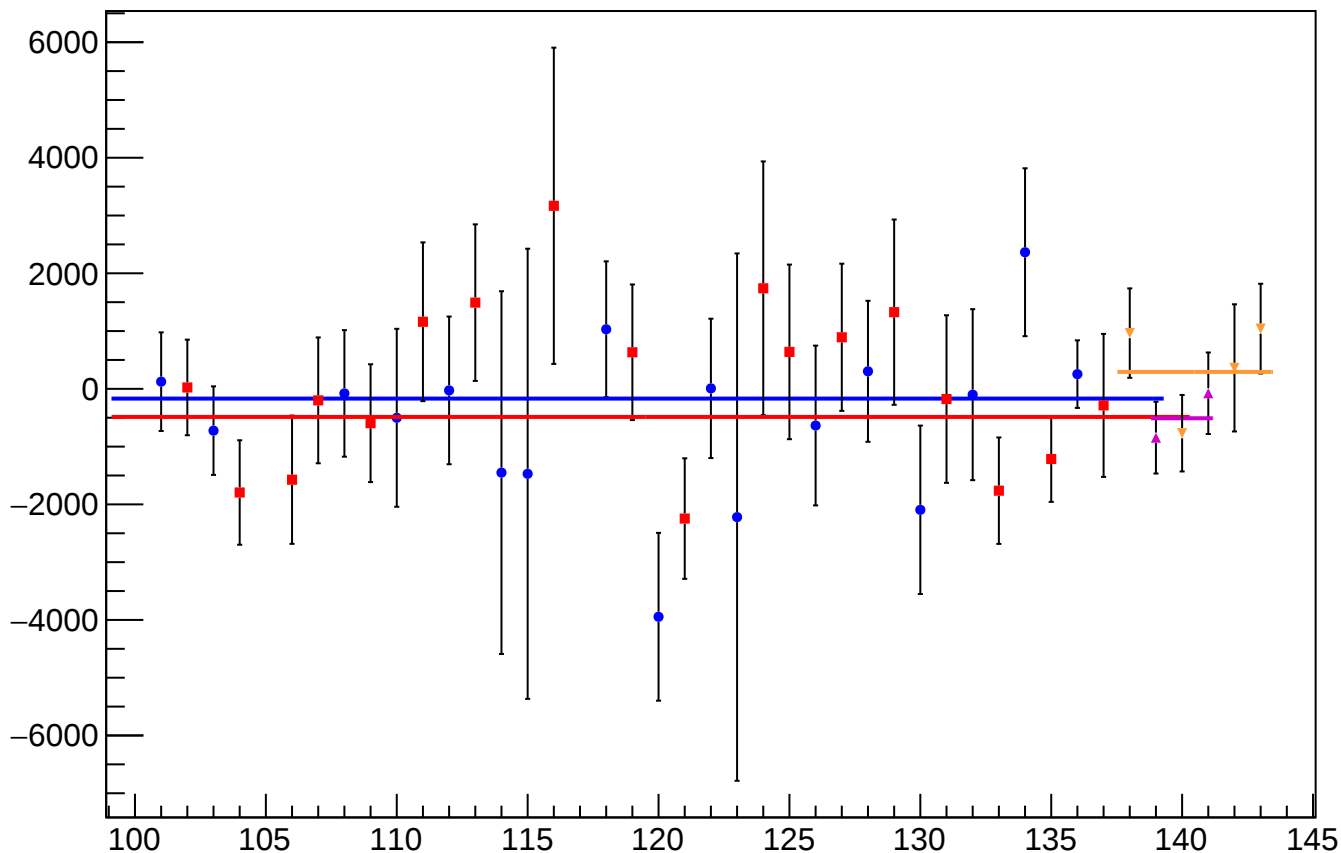
Right: 97.739 $\pm$ 0.019 χ^2 /NDF: 197344.2/34

In: 98.397 $\pm$ 0.024 χ^2 /NDF:105849.2/18

Out: 98.030 $\pm$ 0.022 χ^2 /NDF:101031.2/21

All: 98.198 $\pm$ 0.016 χ^2 /NDF: 207005.5/40

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: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -509.272 ± 466.195 $\chi^2/\text{NDF}: 0.7/1$

Left: -41.346 ± 301.027 $\chi^2/\text{NDF}: 6.7/5$

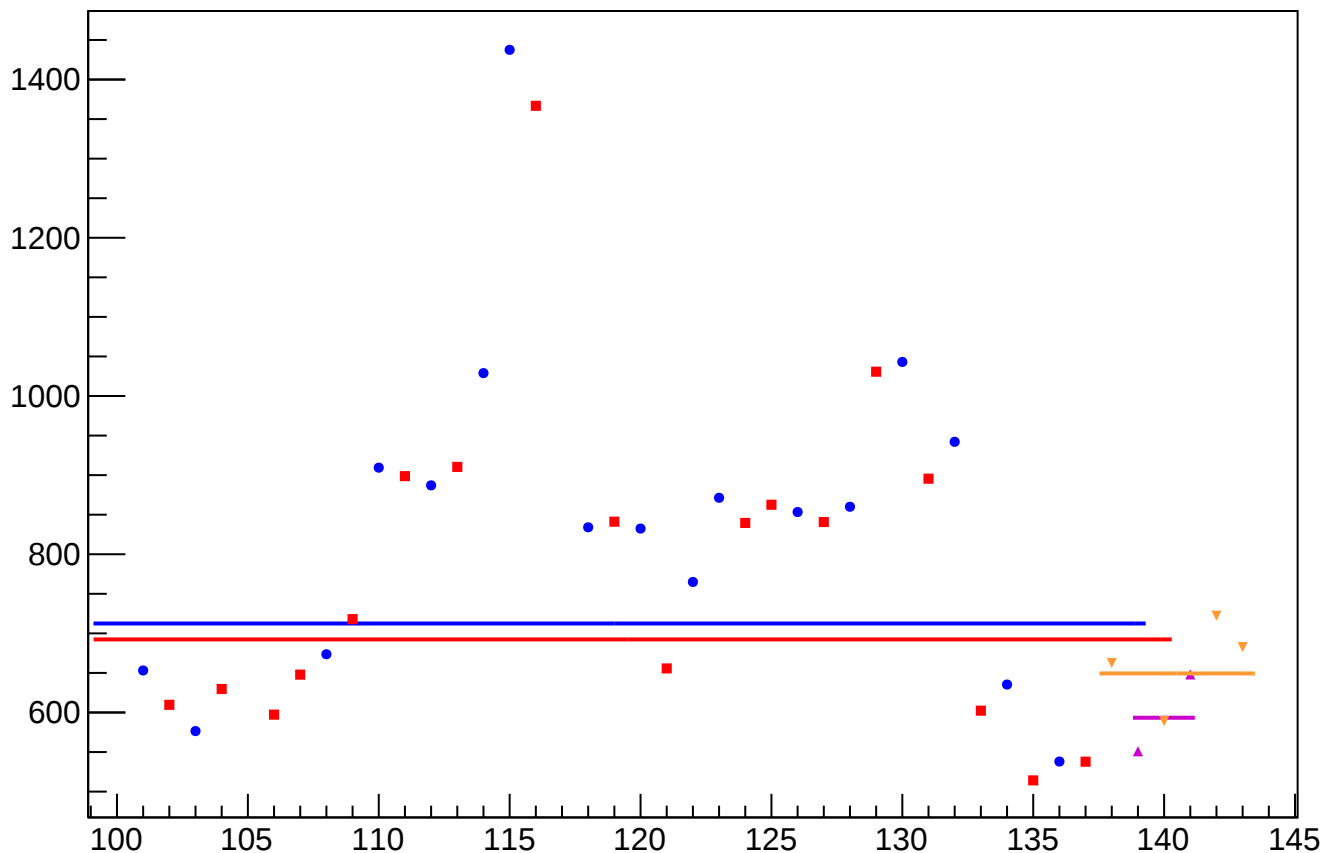
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -260.092 ± 241.402 $\chi^2/\text{NDF}: 15.6/18$

Out: -239.900 ± 221.642 $\chi^2/\text{NDF}: 26.5/21$

All: -249.136 ± 163.264 $\chi^2/\text{NDF}: 42.2/40$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 649.360+/-0.279 χ^2/NDF : 29600.3/3

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 593.360+/-0.330 χ^2/NDF : 21346.9/1

Left: 626.011+/-0.213 χ^2/NDF : 67773.2/5

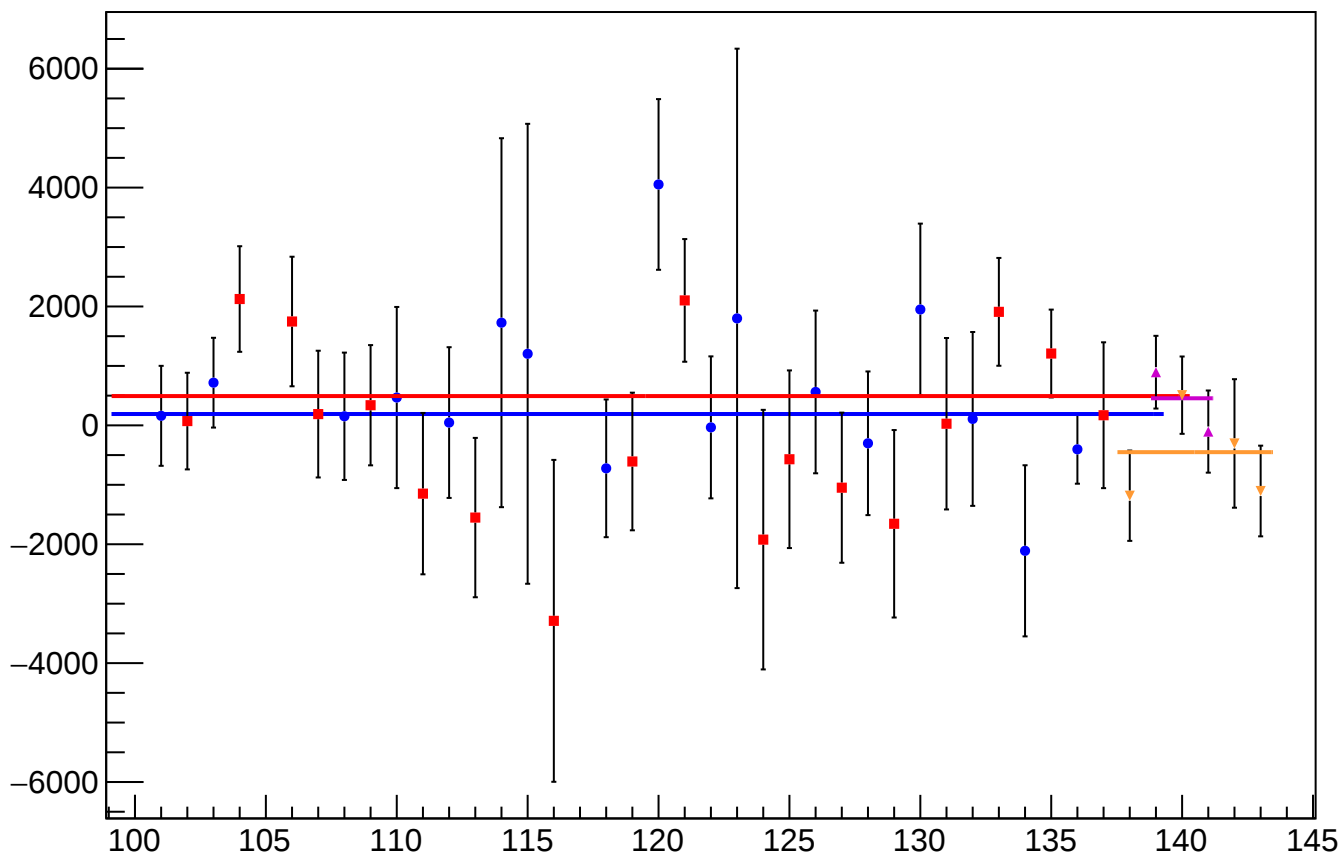
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 680.537+/-0.171 χ^2/NDF : 777425.4/18

Out: 678.756+/-0.157 χ^2/NDF : 702812.9/21

All: 679.571+/-0.115 χ^2/NDF : 1480297.4/40

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -450.783 $\pm$ 387.219 χ^2 /NDF:3.9/3

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

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

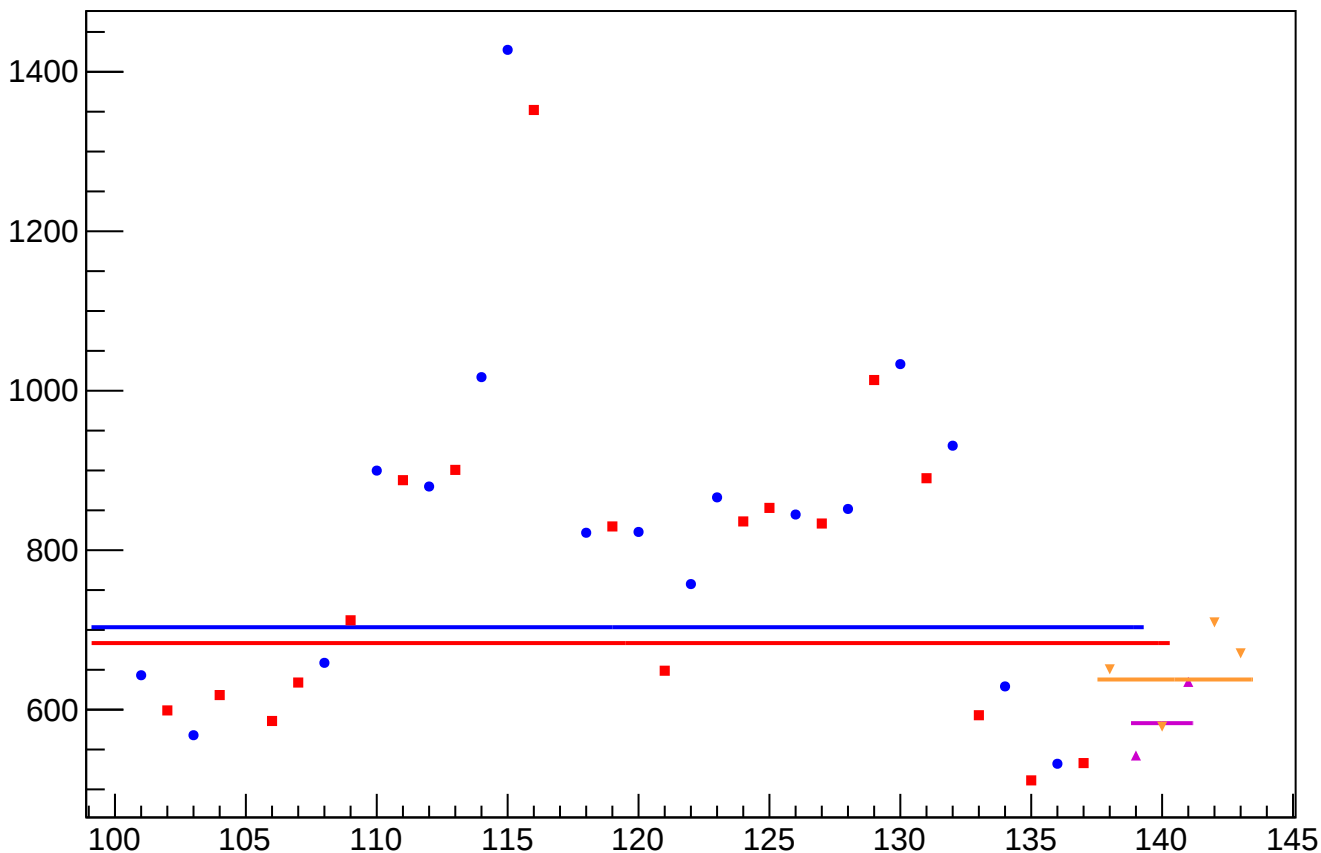
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 262.374 $\pm$ 238.076 χ^2 /NDF:15.6/18

Out: 192.391 $\pm$ 218.482 χ^2 /NDF:30.7/21

All: 224.384 $\pm$ 160.972 χ^2 /NDF: 46.3/40

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 637.817 $\pm$ 0.274 χ^2 /NDF: 29546.5/3

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 583.070 $\pm$ 0.324 χ^2 /NDF: 20007.9/1

Left: 615.001 $\pm$ 0.209 χ^2 /NDF: 66216.3/5

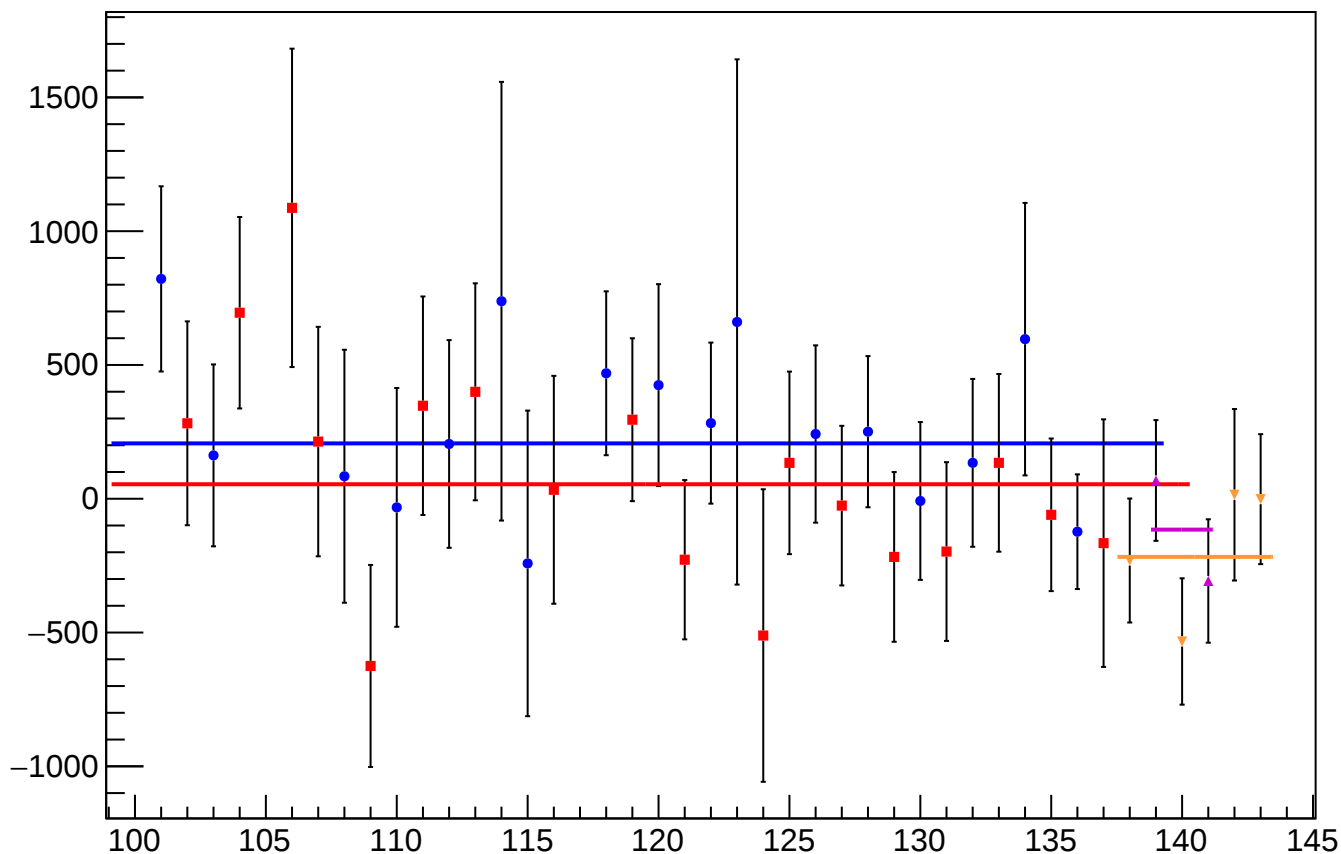
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 670.901 $\pm$ 0.168 χ^2 /NDF: 787632.2/18

Out: 668.951 $\pm$ 0.154 χ^2 /NDF: 707871.3/21

All: 669.843 $\pm$ 0.114 χ^2 /NDF: 1495576.3/40

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$

Left Out: -217.293 ± 125.731 $\chi^2/\text{NDF}: 3.1/3$

Right Out: 54.185 ± 85.192 $\chi^2/\text{NDF}: 15.7/17$

Left In: -115.362 ± 161.275 $\chi^2/\text{NDF}: 1.4/1$

Left: -178.760 ± 99.158 $\chi^2/\text{NDF}: 4.7/5$

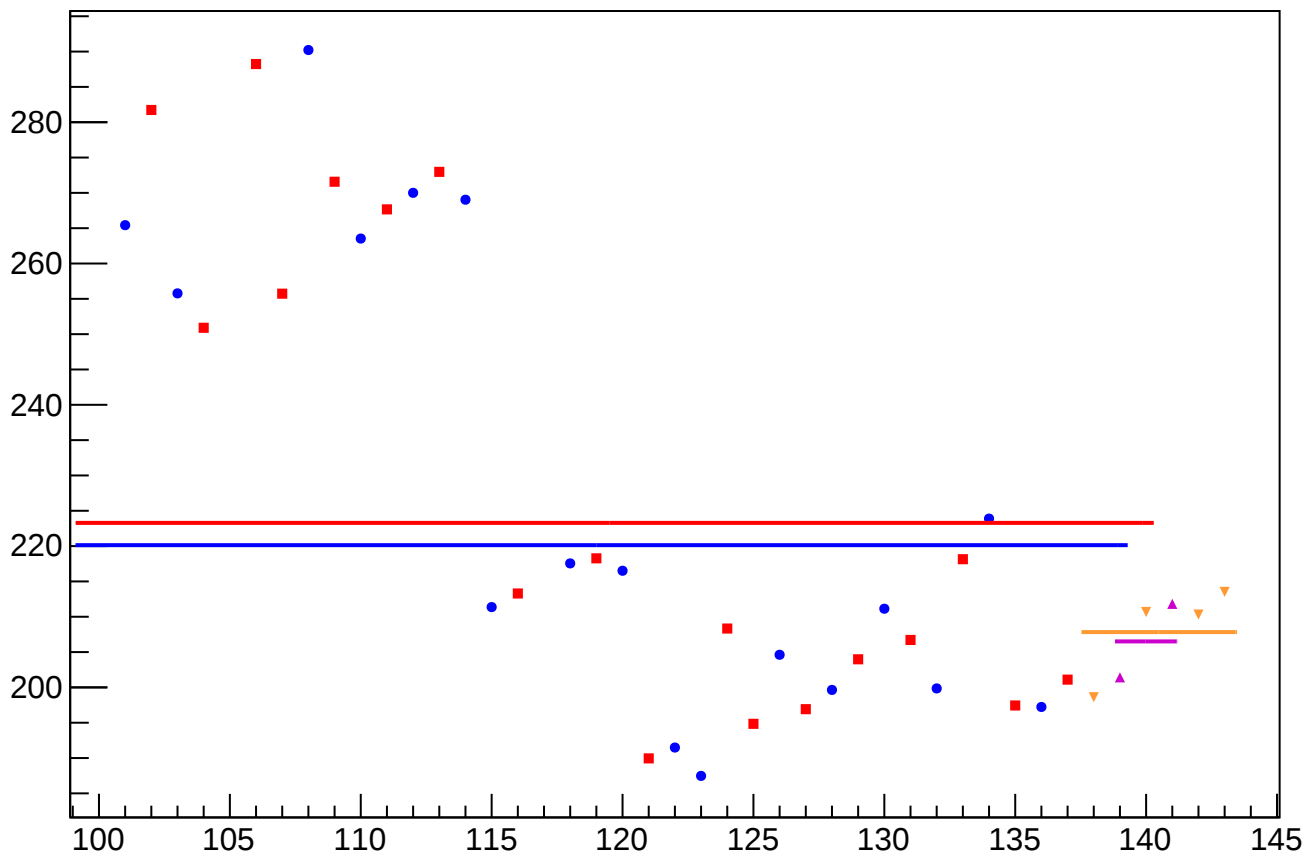
Right: 130.137 ± 60.395 $\chi^2/\text{NDF}: 26.8/34$

In: 136.006 ± 75.631 $\chi^2/\text{NDF}: 14.0/18$

Out: -31.236 ± 70.527 $\chi^2/\text{NDF}: 22.0/21$

All: 46.552 ± 51.580 $\chi^2/\text{NDF}: 38.5/40$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 207.830+/-0.089 χ^2/NDF : 4678.1/3

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 206.508+/-0.114 χ^2/NDF : 2079.0/1

Left: 207.330+/-0.070 χ^2/NDF : 6840.6/5

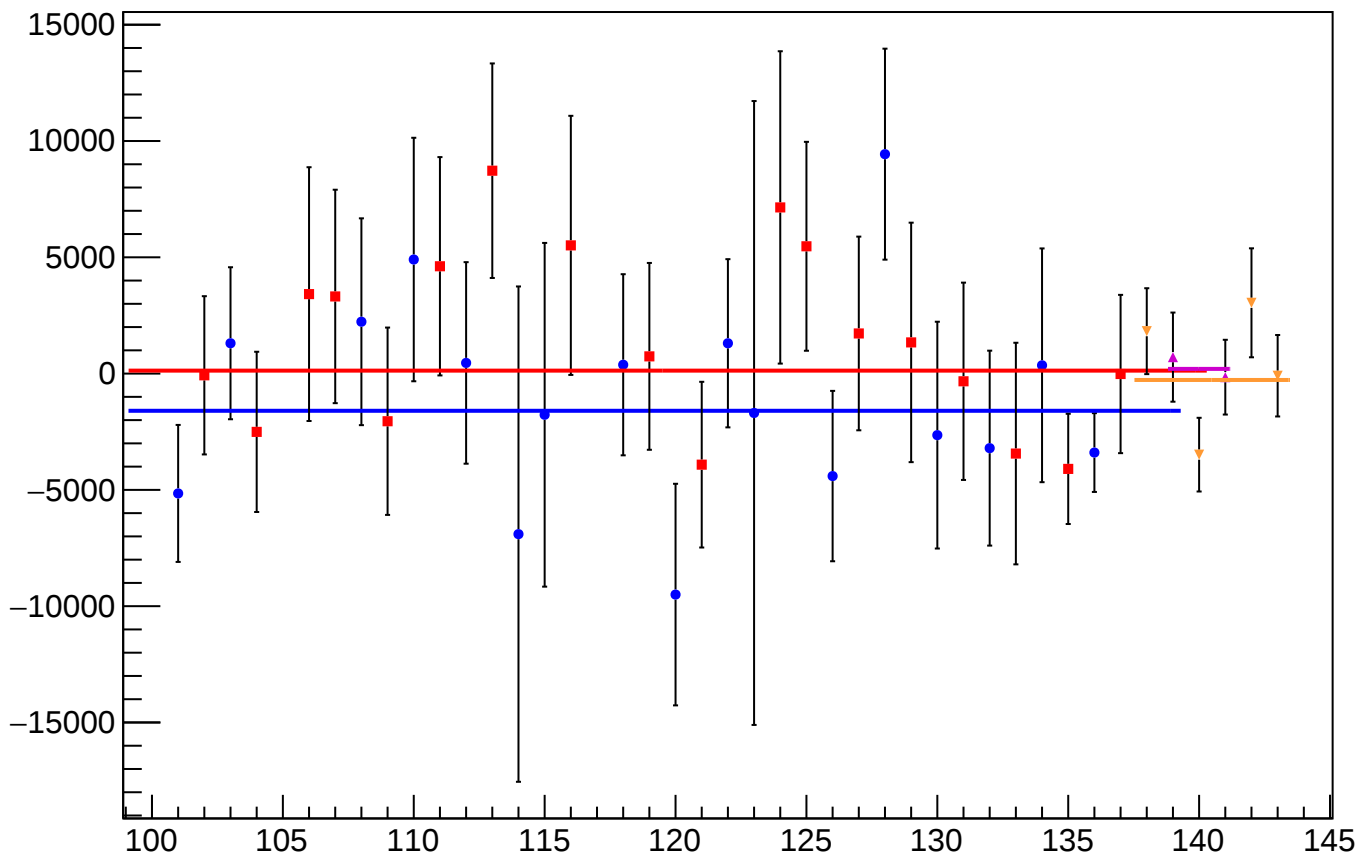
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 217.136+/-0.053 χ^2/NDF : 241657.5/18

Out: 218.424+/-0.050 χ^2/NDF : 297651.6/21

All: 217.825+/-0.036 χ^2/NDF : 539619.1/40

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -274.012 $\pm$ 912.908 χ^2 /NDF: 7.4/3

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: 202.096 $\pm$ 1231.415 χ^2 /NDF: 0.1/1

Left: -105.151 $\pm$ 733.360 χ^2 /NDF: 7.6/5

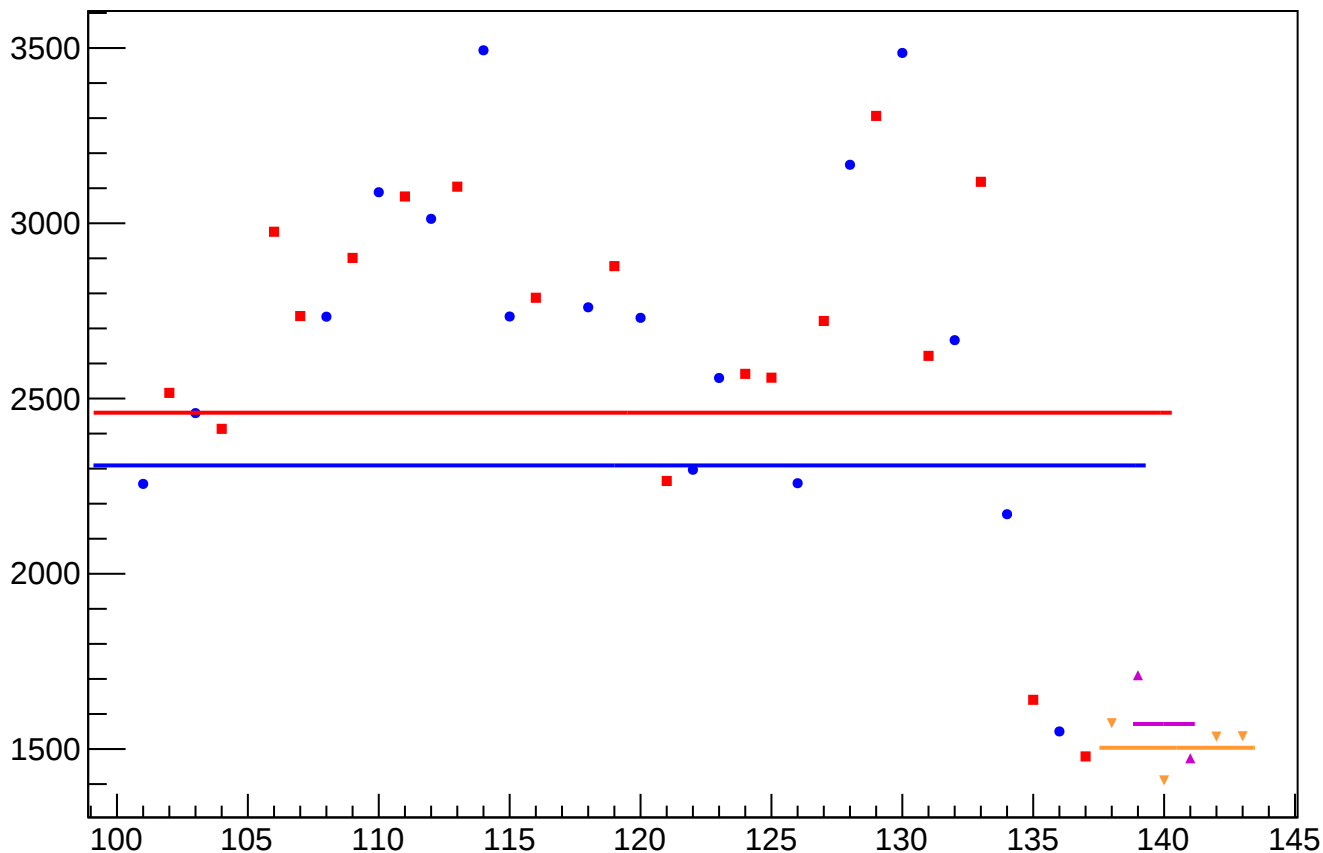
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -952.900 $\pm$ 737.557 χ^2 /NDF: 18.1/18

Out: -80.931 $\pm$ 657.944 χ^2 /NDF: 22.3/21

All: -467.331 $\pm$ 490.980 χ^2 /NDF: 41.2/40

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2/NDF : 800728.2/16

Left Out: 1503.579 $\pm$ 0.646 χ^2/NDF : 10855.5/3

Right Out: 2459.603 $\pm$ 0.671 χ^2/NDF : 668179.2/17

Left In: 1571.535 $\pm$ 0.871 χ^2/NDF : 17953.7/1

Left: 1527.681 $\pm$ 0.519 χ^2/NDF : 32739.7/5

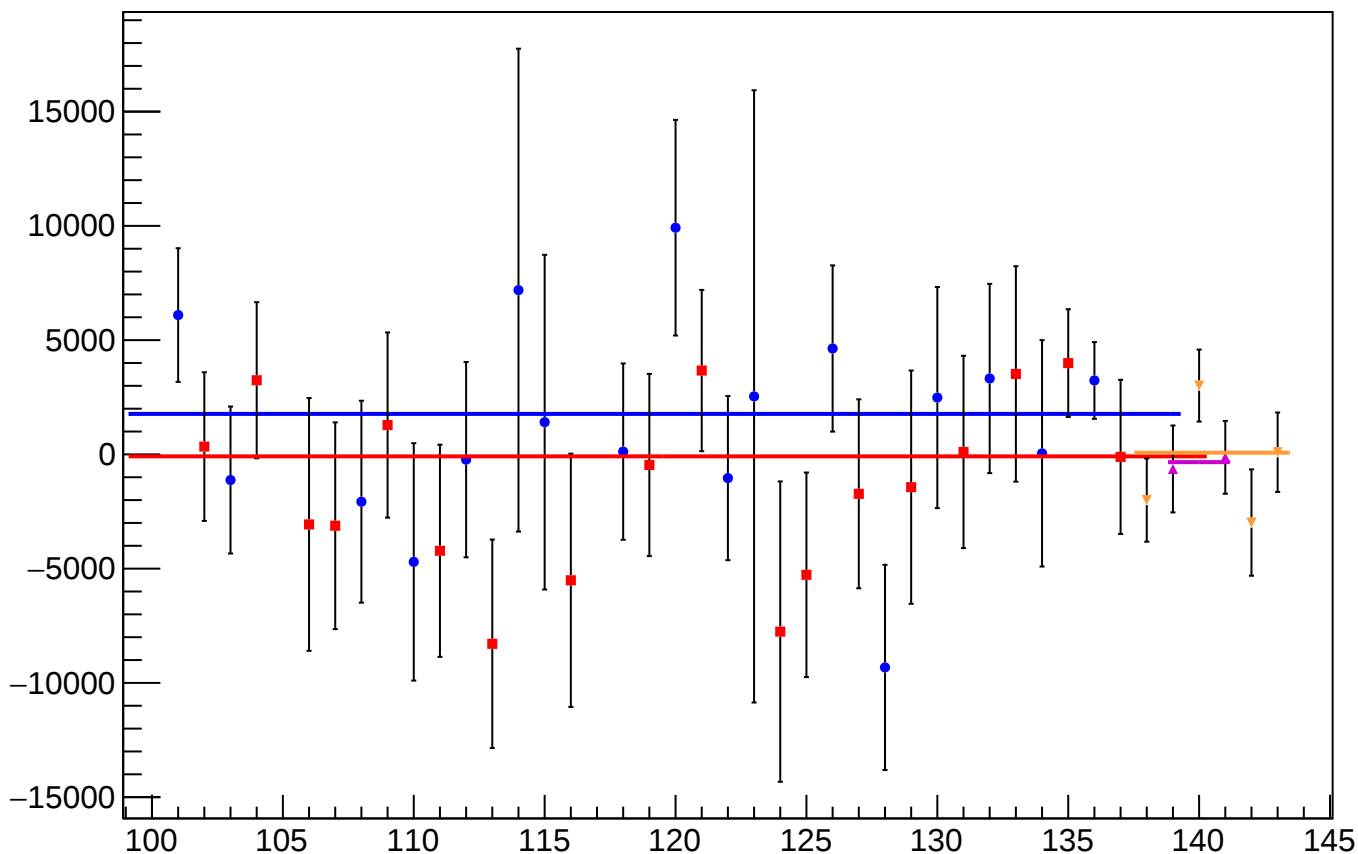
Right: 2382.111 $\pm$ 0.467 χ^2/NDF : 1494797.0/34

In: 2044.524 $\pm$ 0.522 χ^2/NDF : 1278824.3/18

Out: 1963.019 $\pm$ 0.465 χ^2/NDF : 1733114.5/21

All: 1999.137 $\pm$ 0.347 χ^2/NDF : 3025539.5/40

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: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: -338.883+/-1221.461 χ^2/NDF : 0.0/1

Left: -71.688+/-727.224 χ^2/NDF : 6.6/5

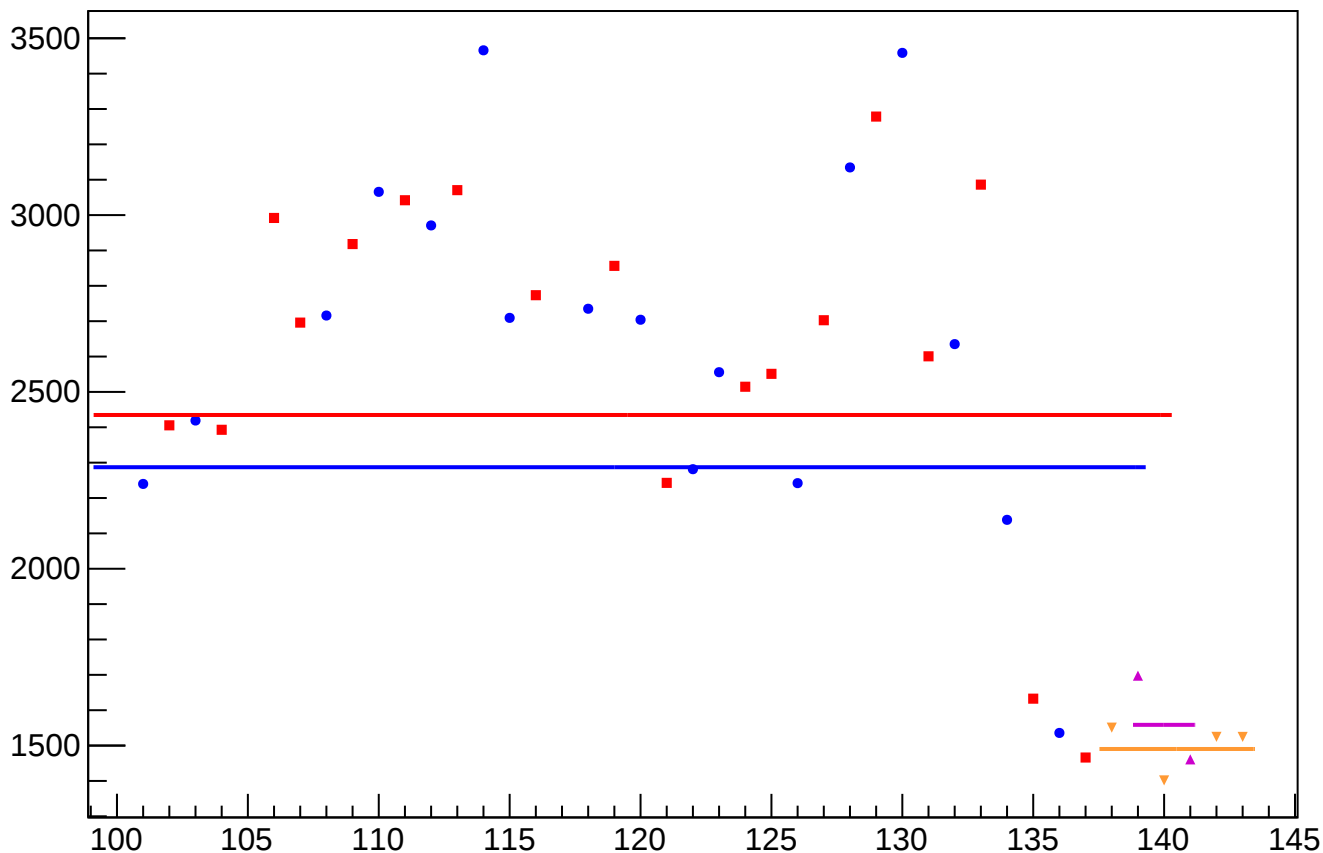
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 1015.624+/-730.943 χ^2/NDF : 19.3/18

Out: -2.493+/-651.952 χ^2/NDF : 21.0/21

All: 448.600+/-486.539 χ^2/NDF : 41.4/40

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: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1558.617+/-0.864 χ^2/NDF : 18196.7/1

Left: 1514.567+/-0.514 χ^2/NDF : 31996.1/5

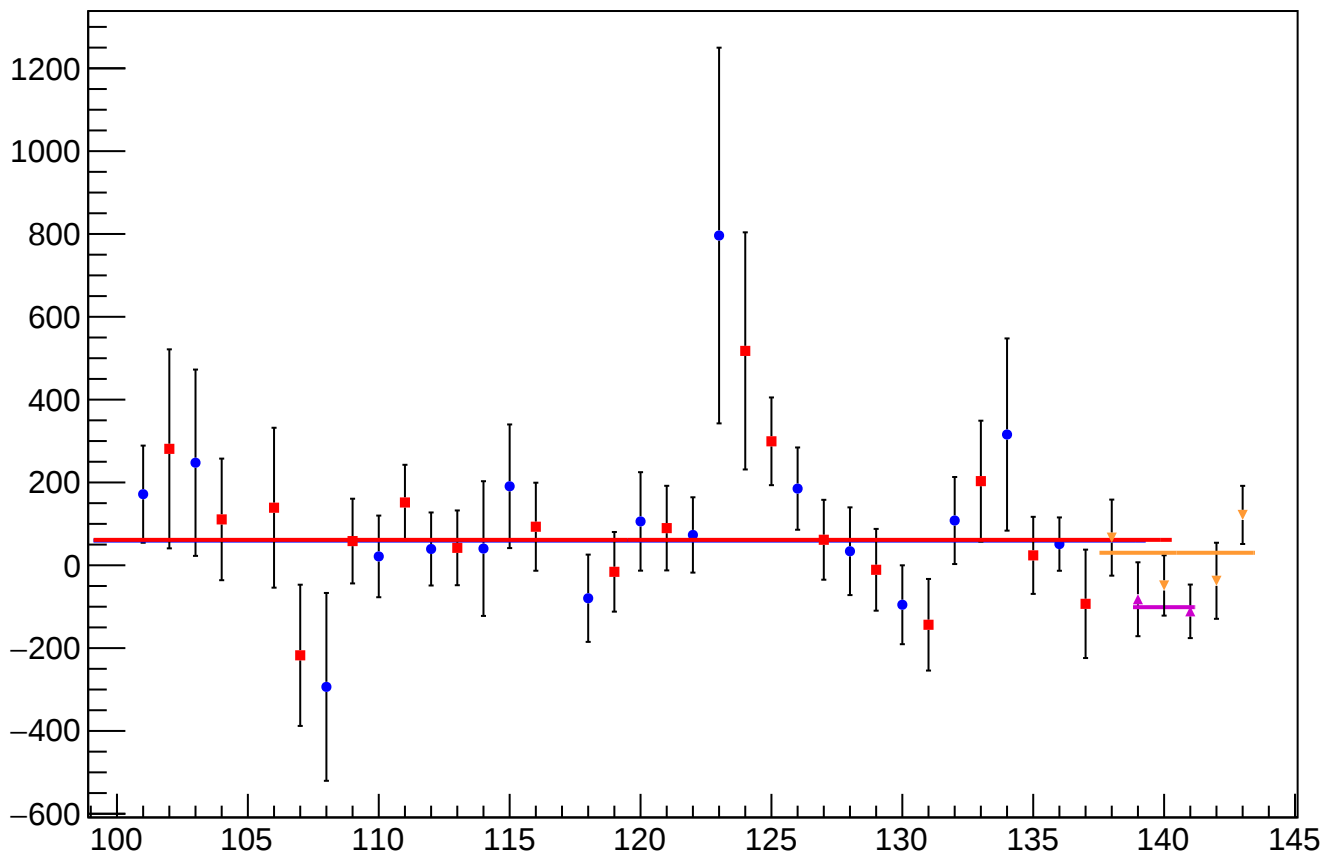
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 2026.229+/-0.517 χ^2/NDF : 1274238.3/18

Out: 1944.813+/-0.461 χ^2/NDF : 1724421.6/21

All: 1980.886+/-0.344 χ^2/NDF : 3012479.3/40

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: 30.219 $\pm$ 39.890 χ^2 /NDF: 3.6/3

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -101.132 $\pm$ 52.348 χ^2 /NDF: 0.1/1

Left: -18.034 $\pm$ 31.728 χ^2 /NDF: 7.6/5

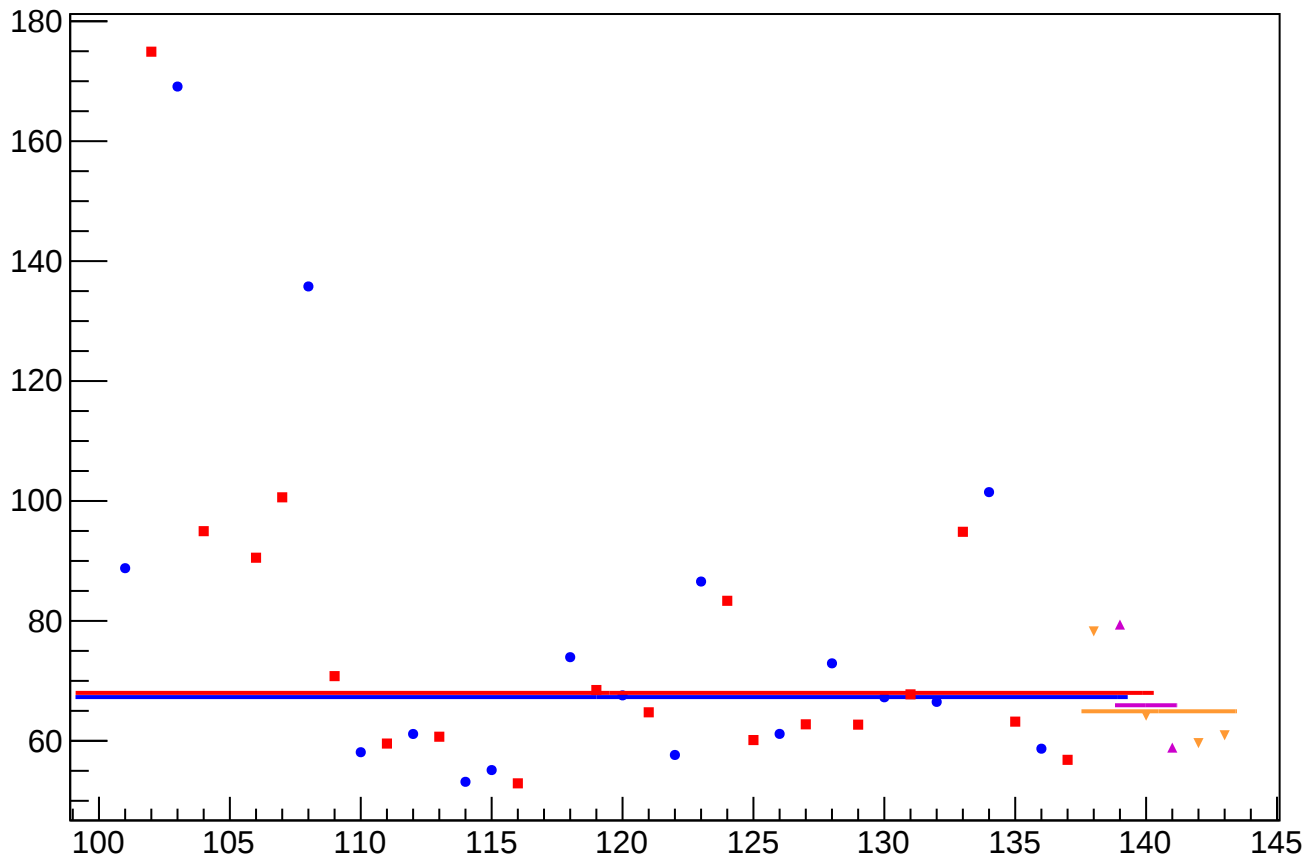
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 25.713 $\pm$ 24.052 χ^2 /NDF: 22.8/18

Out: 51.597 $\pm$ 22.366 χ^2 /NDF: 23.7/21

All: 39.594 $\pm$ 16.379 χ^2 /NDF: 47.1/40

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 64.929 $\pm$ 0.028 χ^2 /NDF: 55465.9/3

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

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

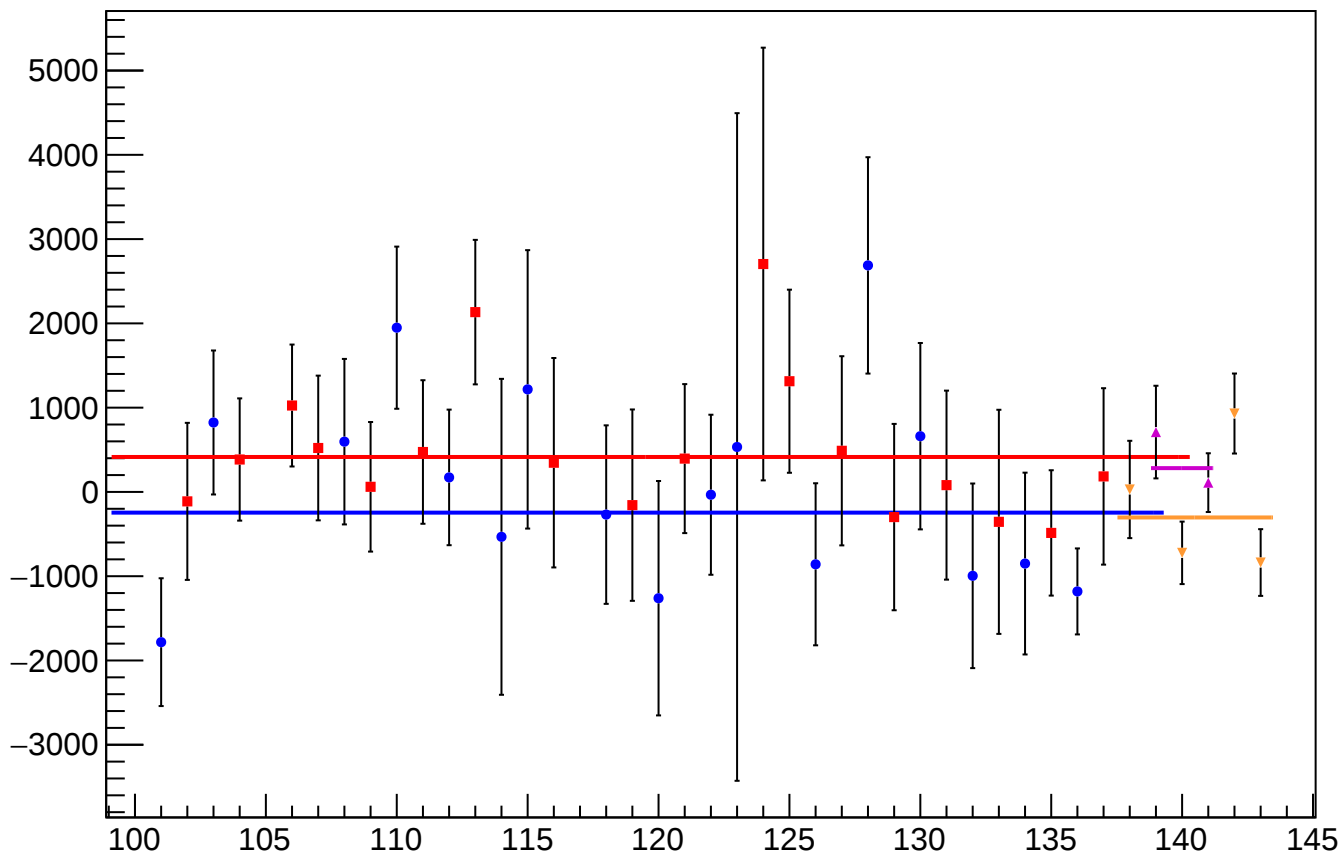
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 67.009 $\pm$ 0.017 χ^2 /NDF: 911752.1/18

Out: 67.033 $\pm$ 0.016 χ^2 /NDF: 817911.2/21

All: 67.022 $\pm$ 0.012 χ^2 /NDF: 1729664.3/40

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -302.958 $\pm$ 217.703 χ^2 /NDF:10.2/3

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 282.391 $\pm$ 294.423 χ^2 /NDF:0.9/1

Left: -96.048 $\pm$ 175.047 χ^2 /NDF: 13.6/5

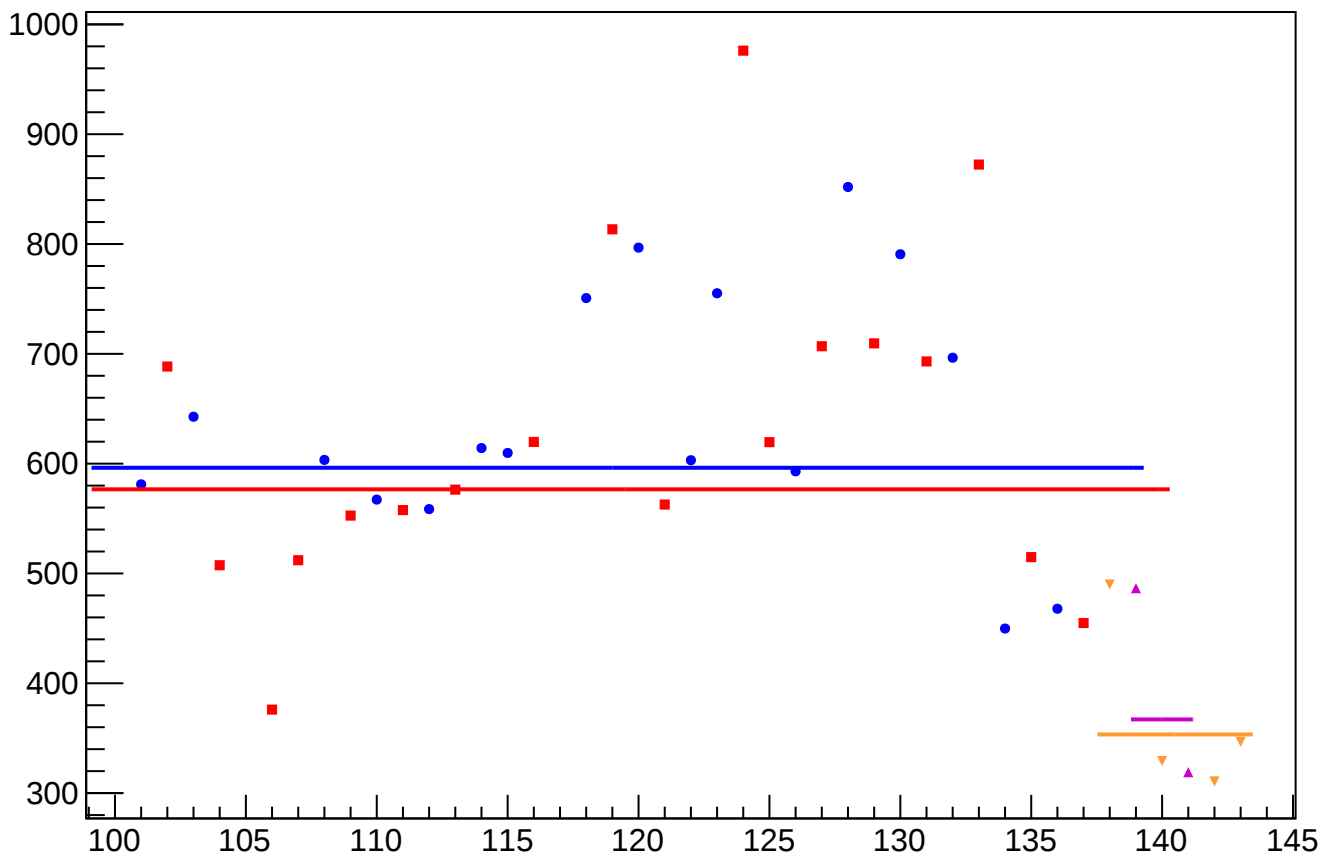
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: -39.717 $\pm$ 183.861 χ^2 /NDF:26.6/18

Out: 47.600 $\pm$ 155.706 χ^2 /NDF:24.9/21

All: 11.132 $\pm$ 118.822 χ^2 /NDF: 51.6/40

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: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 367.101+/-0.208 χ^2/NDF :132515.7/1

Left: 358.256+/-0.124 χ^2/NDF : 272555.3/5

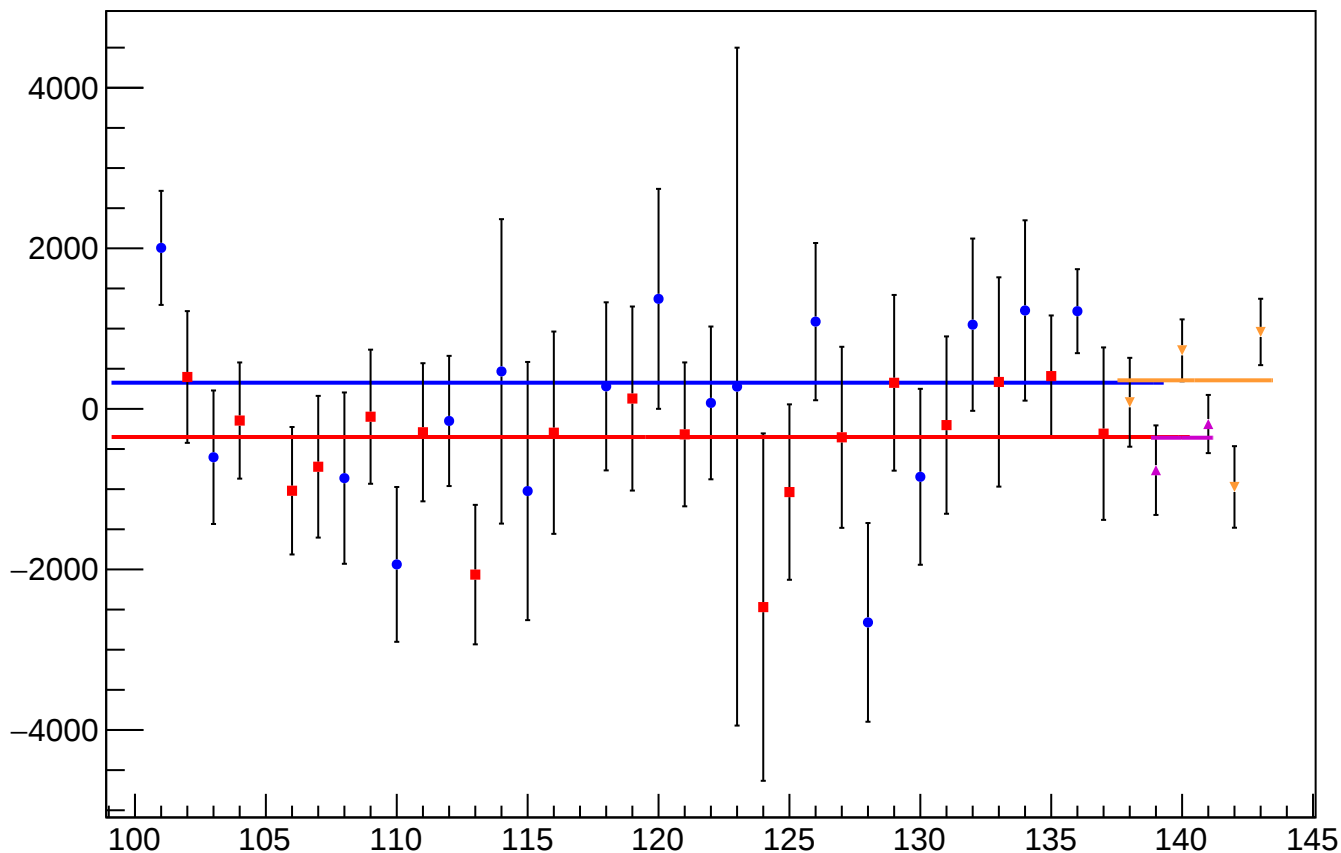
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 506.886+/-0.130 χ^2/NDF :1293684.7/18

Out: 462.441+/-0.110 χ^2/NDF :1737727.6/21

All: 481.003+/-0.084 χ^2/NDF : 3099470.7/40

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: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: -359.246+/-303.878 χ^2/NDF :0.7/1

Left: 102.289+/-180.937 χ^2/NDF : 14.5/5

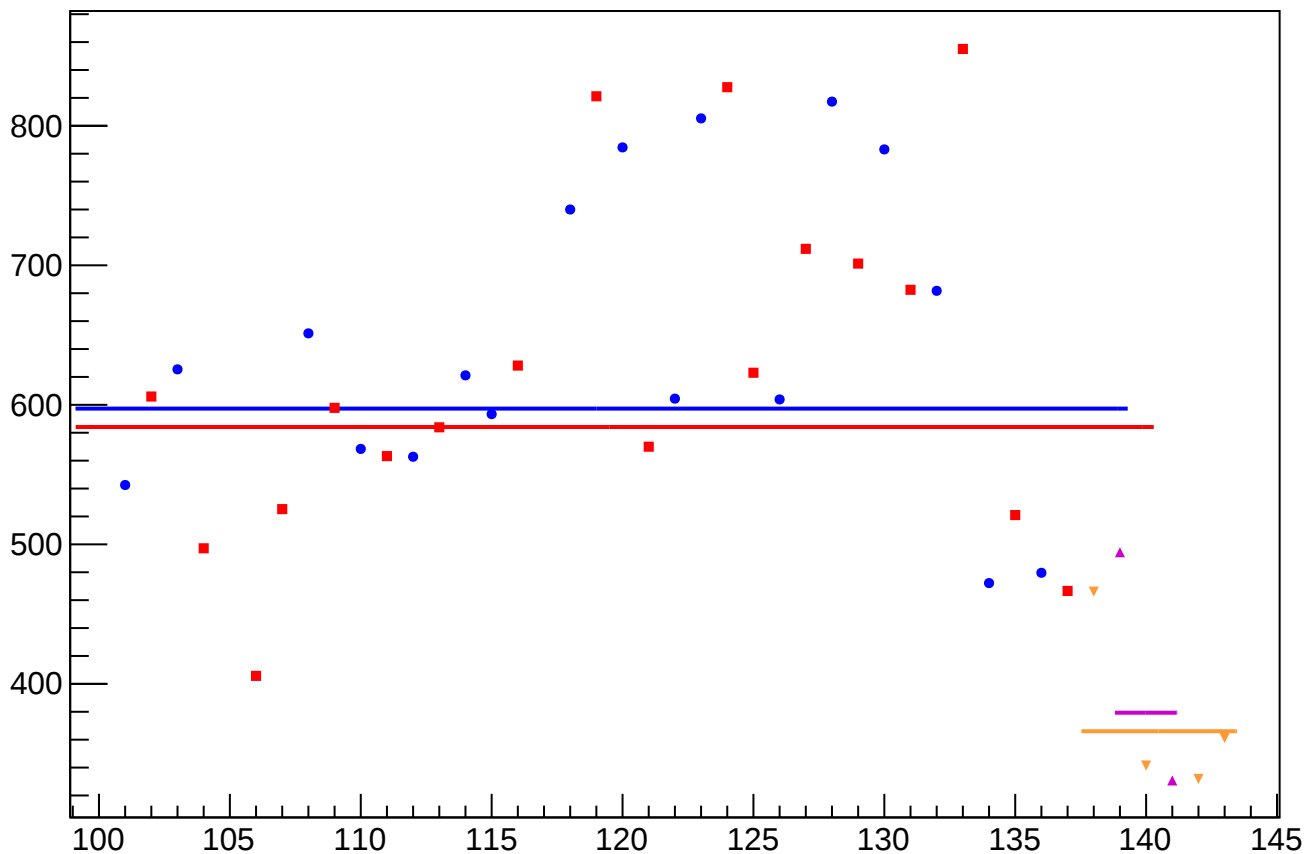
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: 68.785+/-186.193 χ^2/NDF :30.8/18

Out: 2.768+/-159.264 χ^2/NDF :24.1/21

All: 30.662+/-121.028 χ^2/NDF : 54.9/40

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: 584.112+/-0.159 χ^2/NDF : 446882.7/17

Left In: 379.331+/-0.215 χ^2/NDF : 120931.7/1

Left: 370.761+/-0.128 χ^2/NDF : 206248.1/5

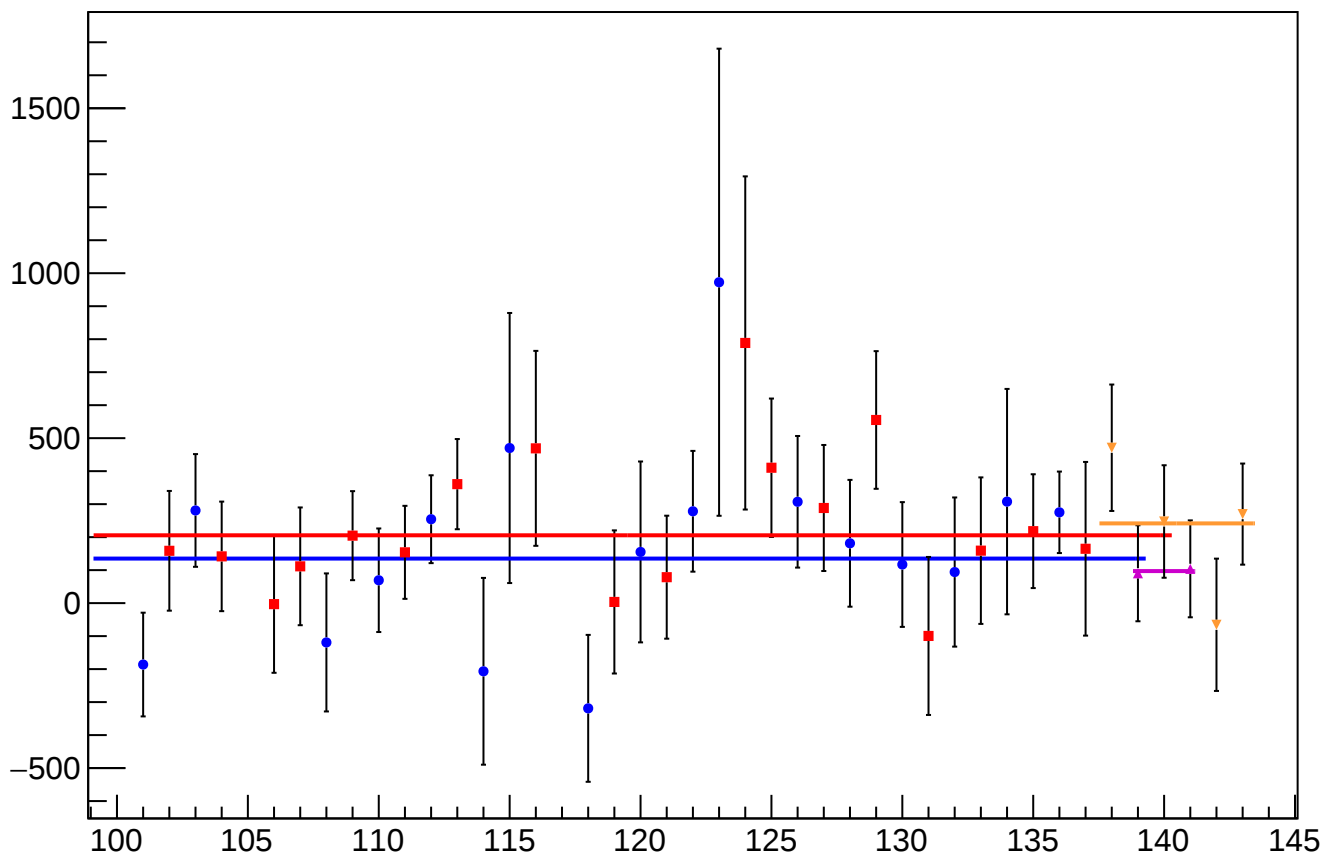
Right: 590.409+/-0.115 χ^2/NDF : 813814.1/34

In: 515.466+/-0.132 χ^2/NDF : 1127270.6/18

Out: 475.062+/-0.113 χ^2/NDF : 1467045.0/21

All: 492.133+/-0.086 χ^2/NDF : 2648702.6/40

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 241.653 $\pm$ 88.012 χ^2 /NDF: 3.8/3

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

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

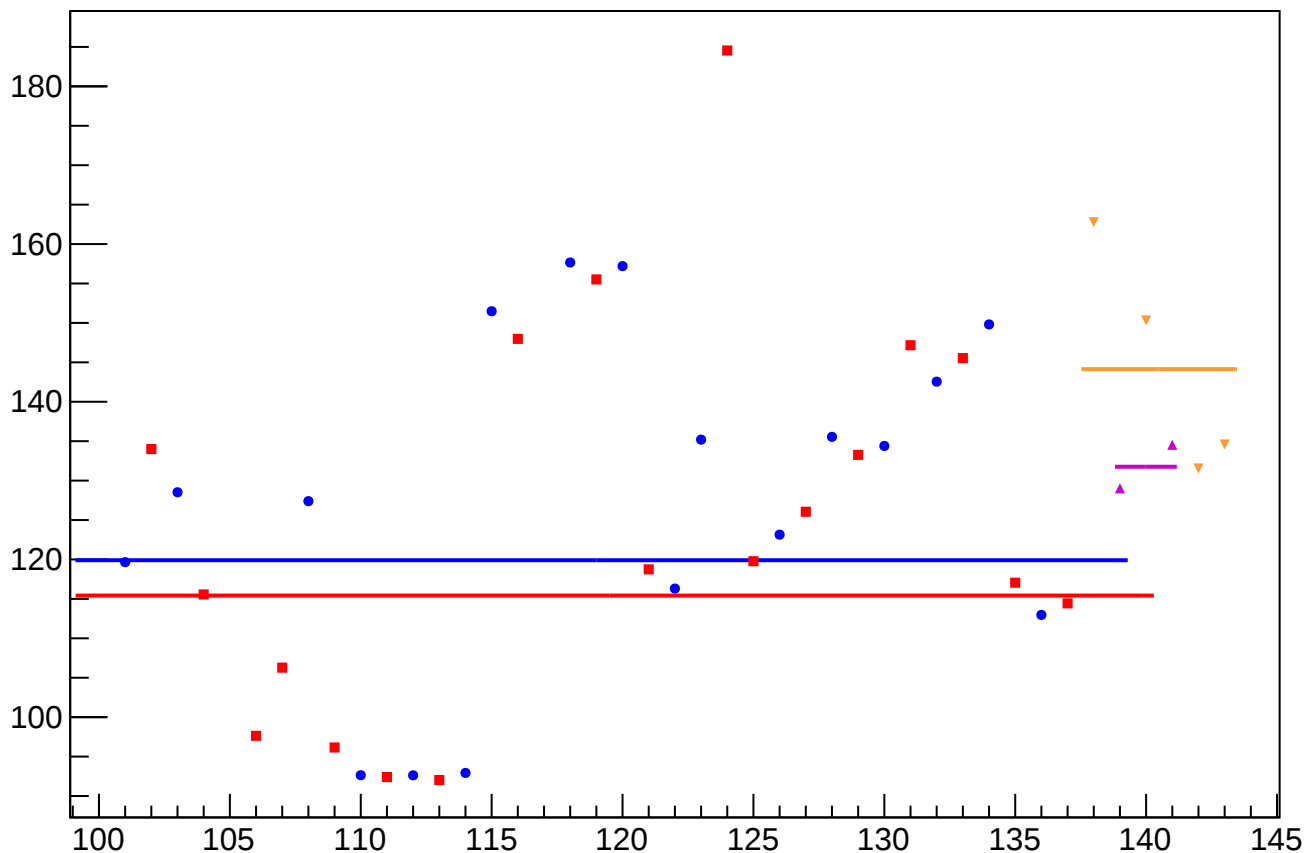
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 128.528 $\pm$ 42.803 χ^2 /NDF: 18.2/18

Out: 212.942 $\pm$ 39.738 χ^2 /NDF: 16.0/21

All: 173.865 $\pm$ 29.122 χ^2 /NDF: 36.2/40

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 144.136 $\pm$ 0.062 χ^2/NDF : 37188.3/3

Right Out: 115.422 $\pm$ 0.031 χ^2/NDF : 418100.5/17

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

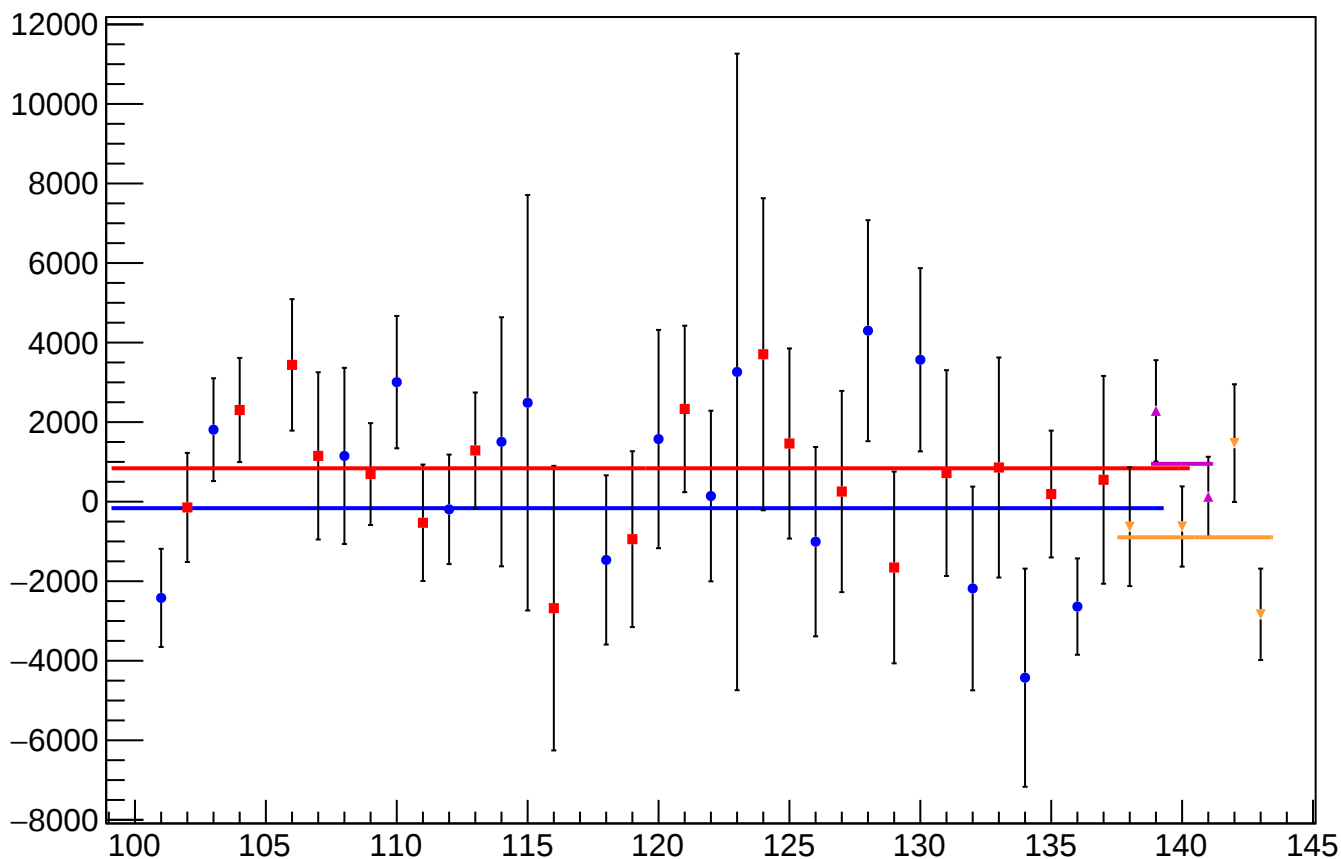
Right: 117.541 $\pm$ 0.023 χ^2/NDF : 773185.8/34

In: 121.937 $\pm$ 0.030 χ^2/NDF : 368739.5/18

Out: 121.276 $\pm$ 0.028 χ^2/NDF : 624769.8/21

All: 121.582 $\pm$ 0.021 χ^2/NDF : 993765.5/40

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -895.873 $\pm$ 614.789 χ^2 /NDF:5.5/3

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 952.049 $\pm$ 789.354 χ^2 /NDF:1.8/1

Left: -198.153 $\pm$ 485.033 χ^2 /NDF: 10.7/5

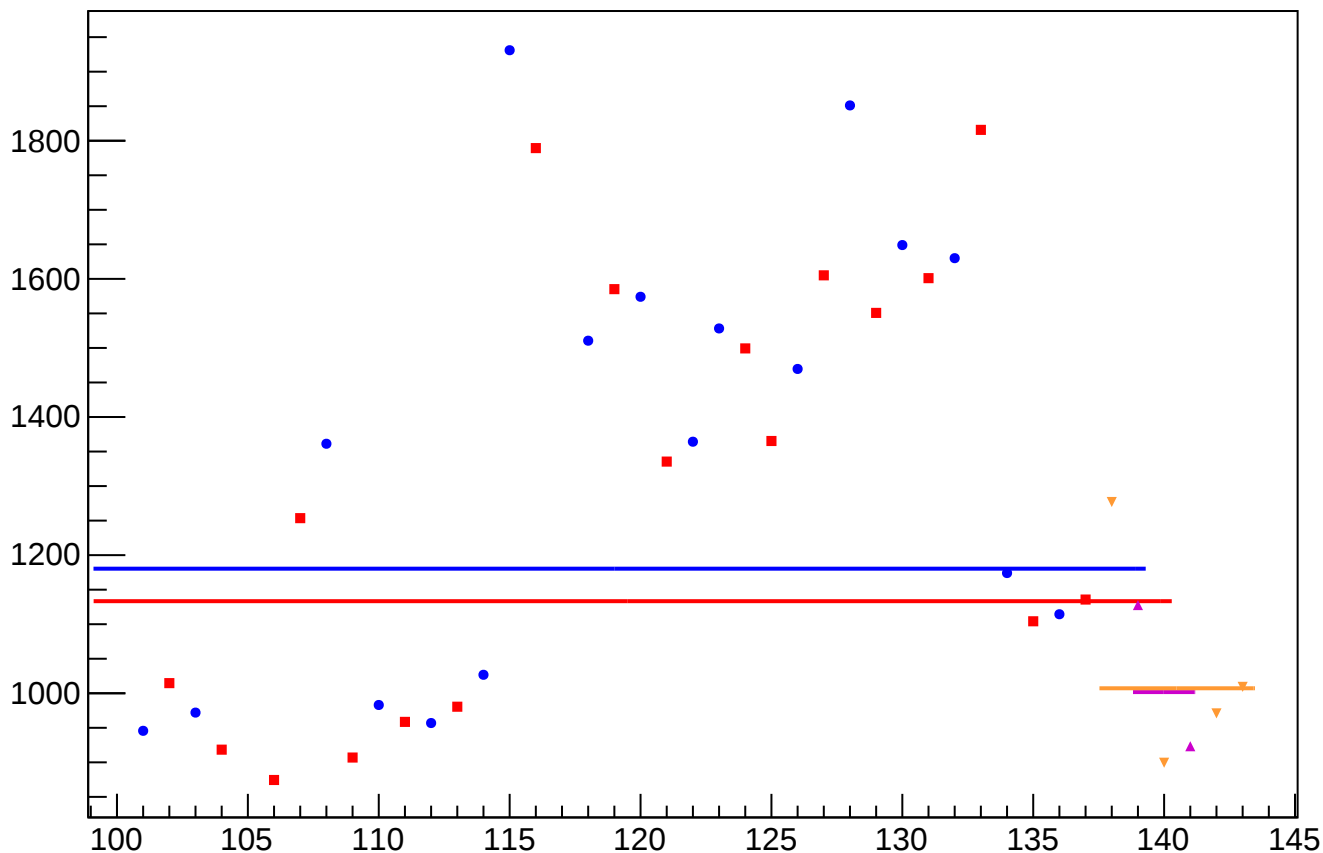
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 128.077 $\pm$ 403.576 χ^2 /NDF:27.0/18

Out: 250.648 $\pm$ 358.060 χ^2 /NDF:20.0/21

All: 196.661 $\pm$ 267.839 χ^2 /NDF: 47.1/40

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 1007.237 $\pm$ 0.435 χ^2/NDF : 89292.4/3

Right Out: 1133.347 $\pm$ 0.311 χ^2/NDF : 760395.8/17

Left In: 1001.738 $\pm$ 0.558 χ^2/NDF : 31709.4/1

Left: 1005.161 $\pm$ 0.343 χ^2/NDF : 121062.1/5

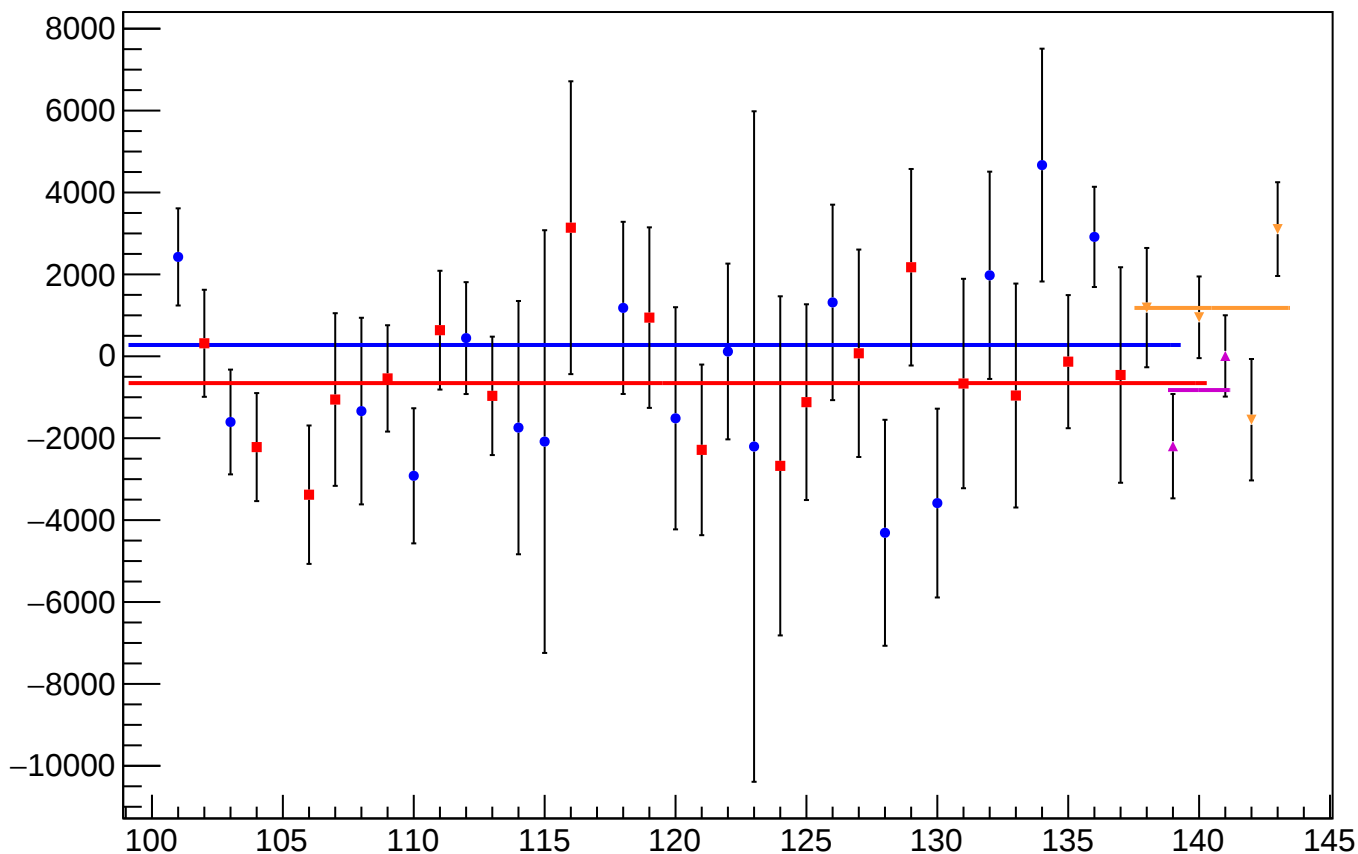
Right: 1155.371 $\pm$ 0.227 χ^2/NDF : 1439924.5/34

In: 1133.700 $\pm$ 0.285 χ^2/NDF : 776233.5/18

Out: 1090.570 $\pm$ 0.253 χ^2/NDF : 905297.1/21

All: 1109.567 $\pm$ 0.189 χ^2/NDF : 1694311.9/40

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: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: -824.121+/-783.204 χ^2/NDF : 1.9/1

Left: 425.290+/-480.845 χ^2/NDF : 12.2/5

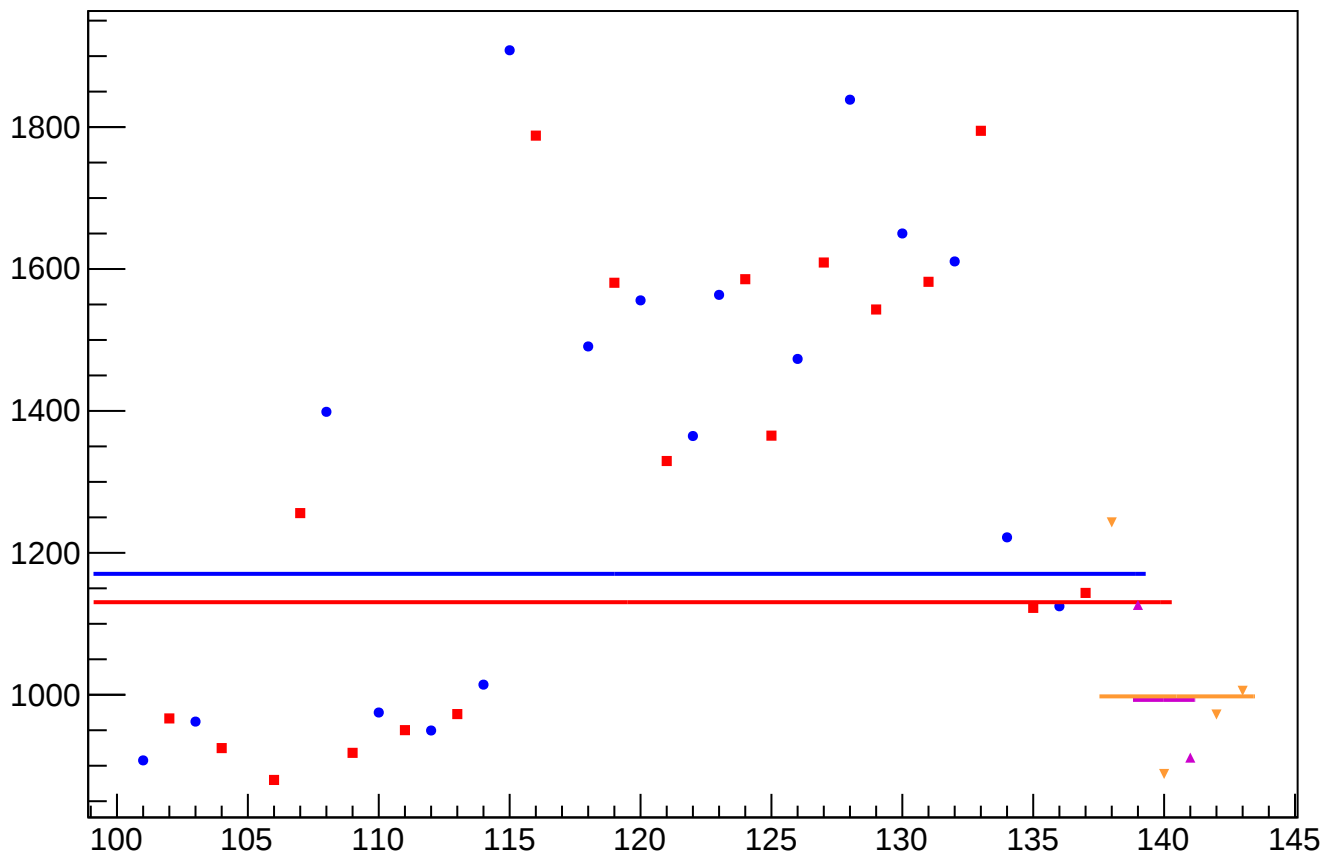
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: -11.709+/-400.743 χ^2/NDF : 27.6/18

Out: -25.432+/-356.592 χ^2/NDF : 21.8/21

All: -19.368+/-266.396 χ^2/NDF : 49.4/40

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404+/-0.330 χ^2/NDF : 705486.8/16

Left Out: 997.724+/-0.431 χ^2/NDF : 81413.7/3

Right Out: 1130.456+/-0.311 χ^2/NDF : 816911.2/18

Left In: 992.790+/-0.554 χ^2/NDF : 35496.0/1

Left: 995.864+/-0.340 χ^2/NDF : 116959.1/5

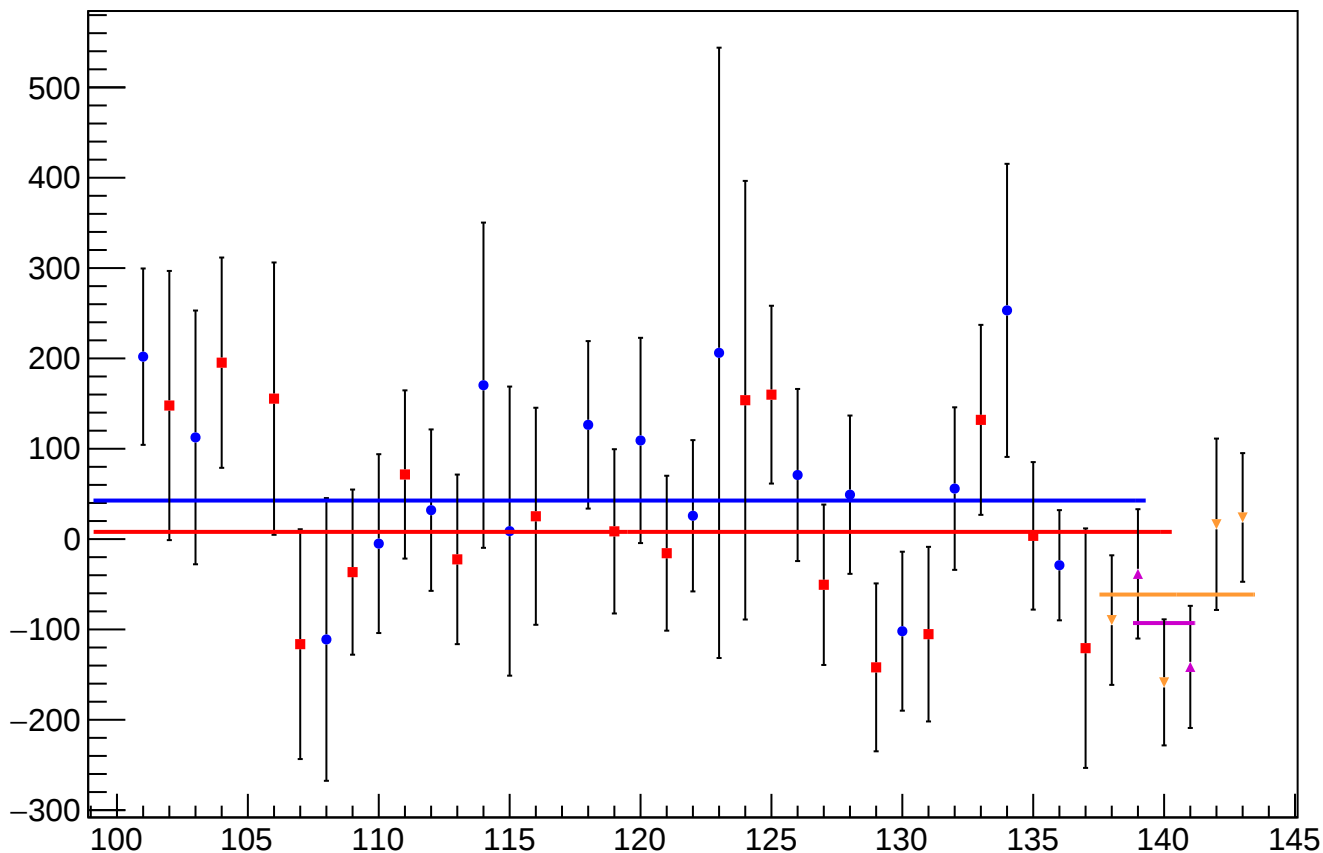
Right: 1149.259+/-0.226 χ^2/NDF : 1476279.7/34

In: 1123.904+/-0.283 χ^2/NDF : 816911.2/18

Out: 1084.973+/-0.252 χ^2/NDF : 906857.7/21

All: 1102.177+/-0.188 χ^2/NDF : 1734302.6/40

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 $\pm$ 24.701 χ^2 /NDF: 12.0/16

Left Out: -61.372 $\pm$ 37.575 χ^2 /NDF:4.2/3

Right Out: 7.995 $\pm$ 24.492 χ^2 /NDF: 15.8/17

Left In: -92.936 $\pm$ 49.145 χ^2 /NDF:1.1/1

Left: -73.017 $\pm$ 29.850 χ^2 /NDF: 5.6/5

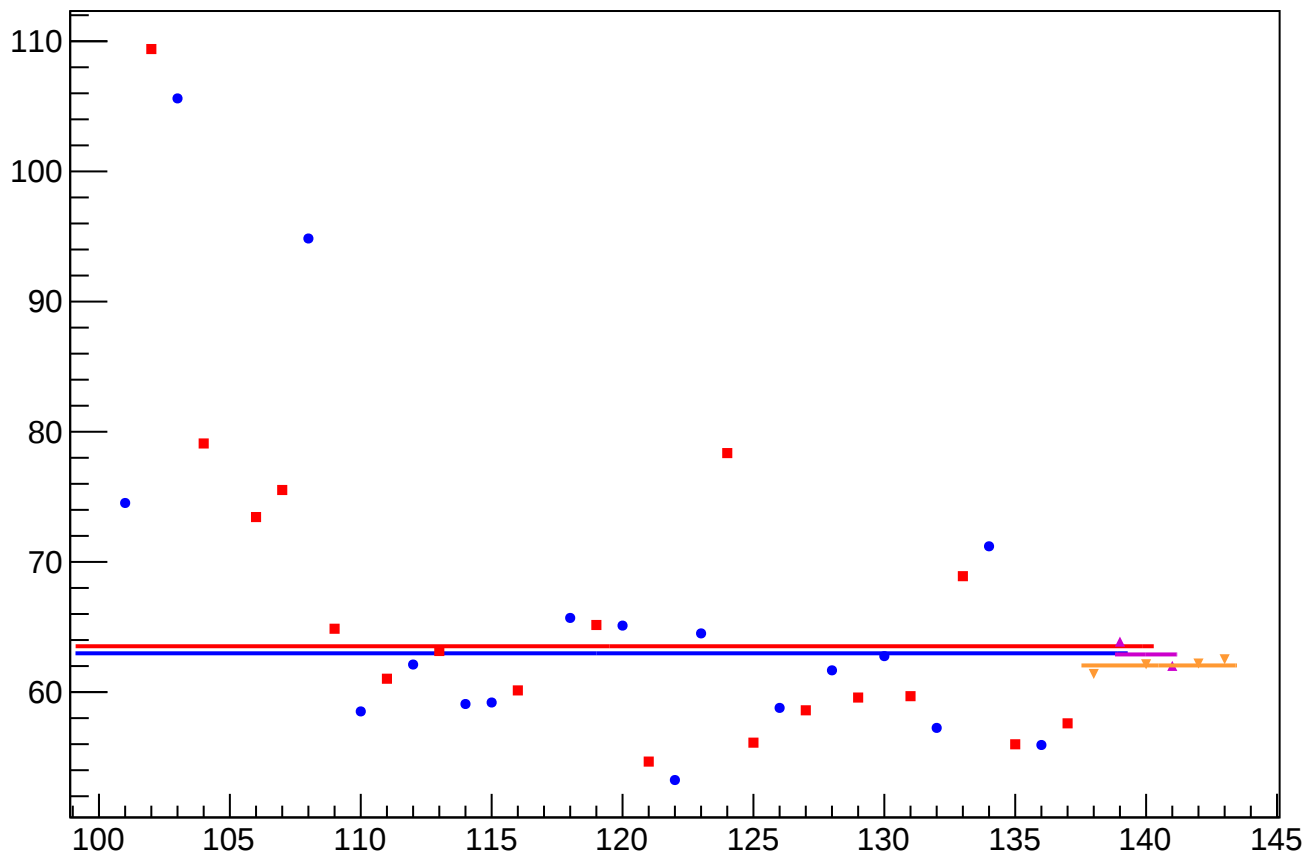
Right: 25.187 $\pm$ 17.392 χ^2 /NDF: 28.8/34

In: 15.325 $\pm$ 22.070 χ^2 /NDF:19.2/18

Out: -12.689 $\pm$ 20.518 χ^2 /NDF:22.4/21

All: 0.299 $\pm$ 15.027 χ^2 /NDF: 42.4/40

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 ± 0.017 $\chi^2/\text{NDF}: 375263.3/16$

Left Out: 62.048 ± 0.027 $\chi^2/\text{NDF}: 262.7/3$

Right Out: 63.522 ± 0.017 $\chi^2/\text{NDF}: 335430.9/17$

Left In: 62.893 ± 0.035 $\chi^2/\text{NDF}: 717.1/1$

Left: 62.360 ± 0.021 $\chi^2/\text{NDF}: 1353.5/5$

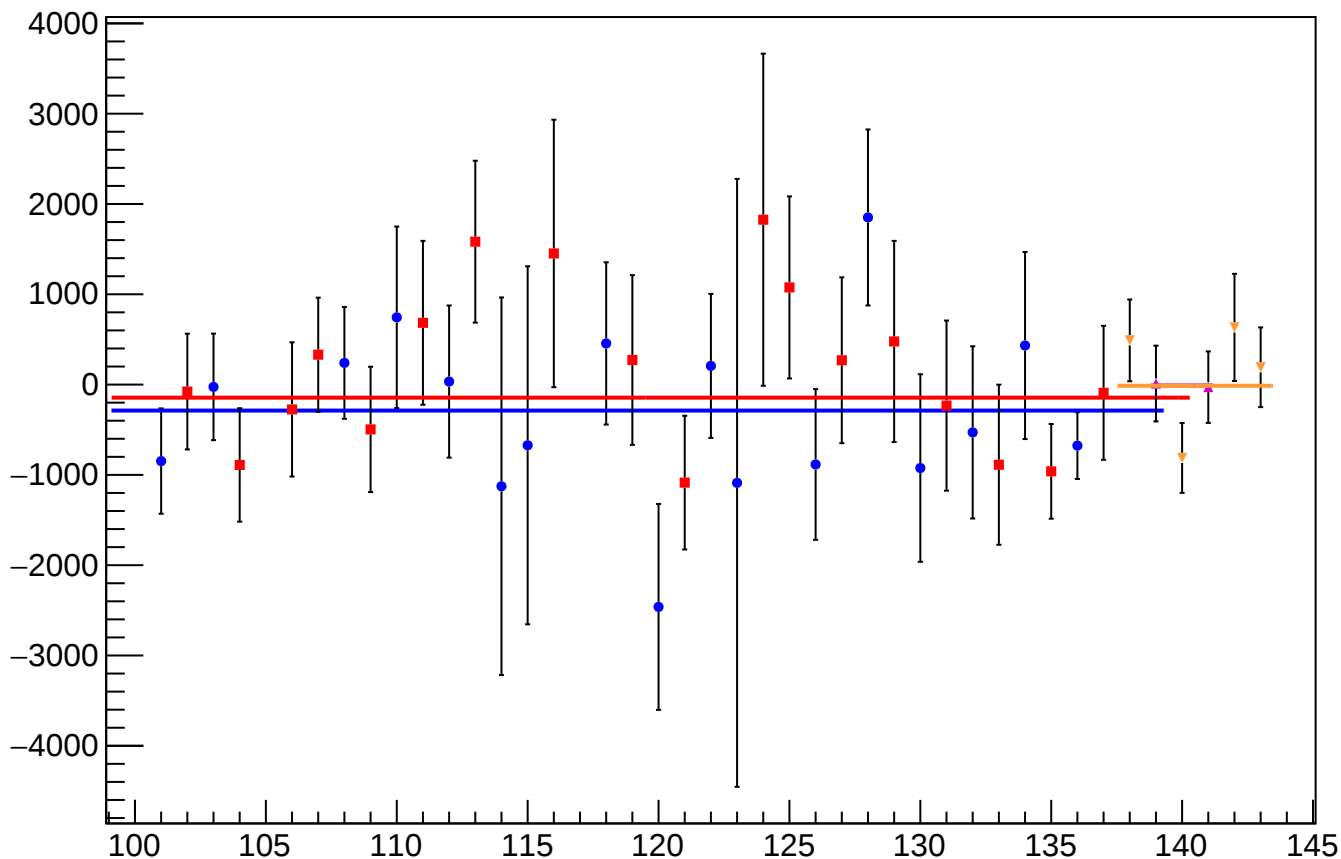
Right: 63.253 ± 0.012 $\chi^2/\text{NDF}: 711180.0/34$

In: 62.963 ± 0.016 $\chi^2/\text{NDF}: 375985.5/18$

Out: 63.083 ± 0.015 $\chi^2/\text{NDF}: 337855.2/21$

All: 63.027 ± 0.011 $\chi^2/\text{NDF}: 713872.4/40$

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 χ^2/NDF : 15.4/16

Left Out: -12.825 ± 226.304 χ^2/NDF : 6.9/3

Right Out: -144.624 ± 187.777 χ^2/NDF : 16.1/17

Left In: -9.541 ± 287.943 χ^2/NDF : 0.0/1

Left: -11.571 ± 177.928 χ^2/NDF : 6.9/5

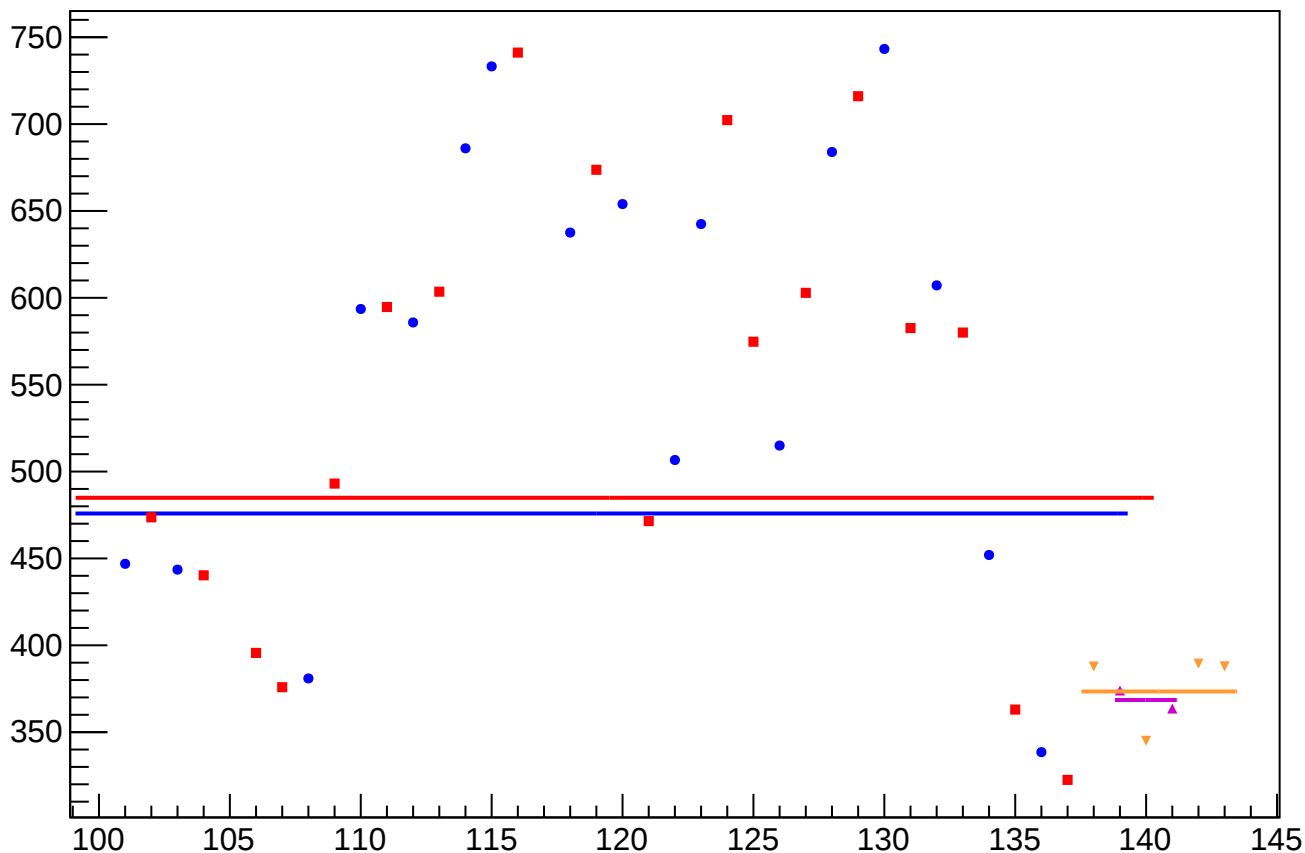
Right: -215.353 ± 133.518 χ^2/NDF : 31.7/34

In: -203.382 ± 158.521 χ^2/NDF : 16.0/18

Out: -90.882 ± 144.508 χ^2/NDF : 23.2/21

All: -141.941 ± 106.794 χ^2/NDF : 39.4/40

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 373.427+/-0.160 χ^2/NDF :16377.1/3

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 368.522+/-0.204 χ^2/NDF :649.2/1

Left: 371.554+/-0.126 χ^2/NDF : 17385.0/5

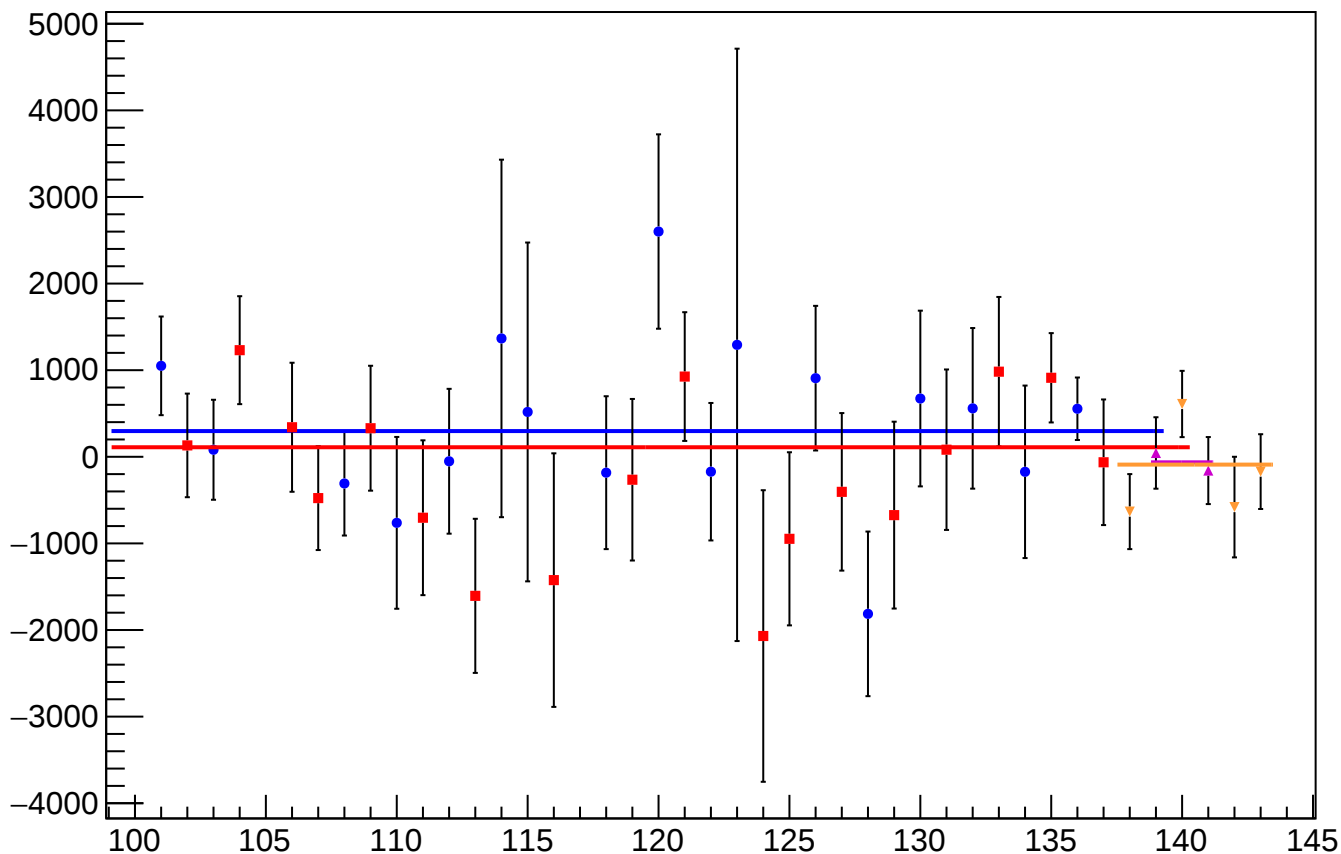
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 443.335+/-0.112 χ^2/NDF :1032185.4/18

Out: 439.454+/-0.102 χ^2/NDF :1020165.6/21

All: 441.216+/-0.076 χ^2/NDF : 2053005.7/40

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -90.187 $\pm$ 220.922 χ^2 /NDF: 5.7/3

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: -63.929 $\pm$ 282.225 χ^2 /NDF: 0.1/1

Left: -80.210 $\pm$ 173.962 χ^2 /NDF: 5.8/5

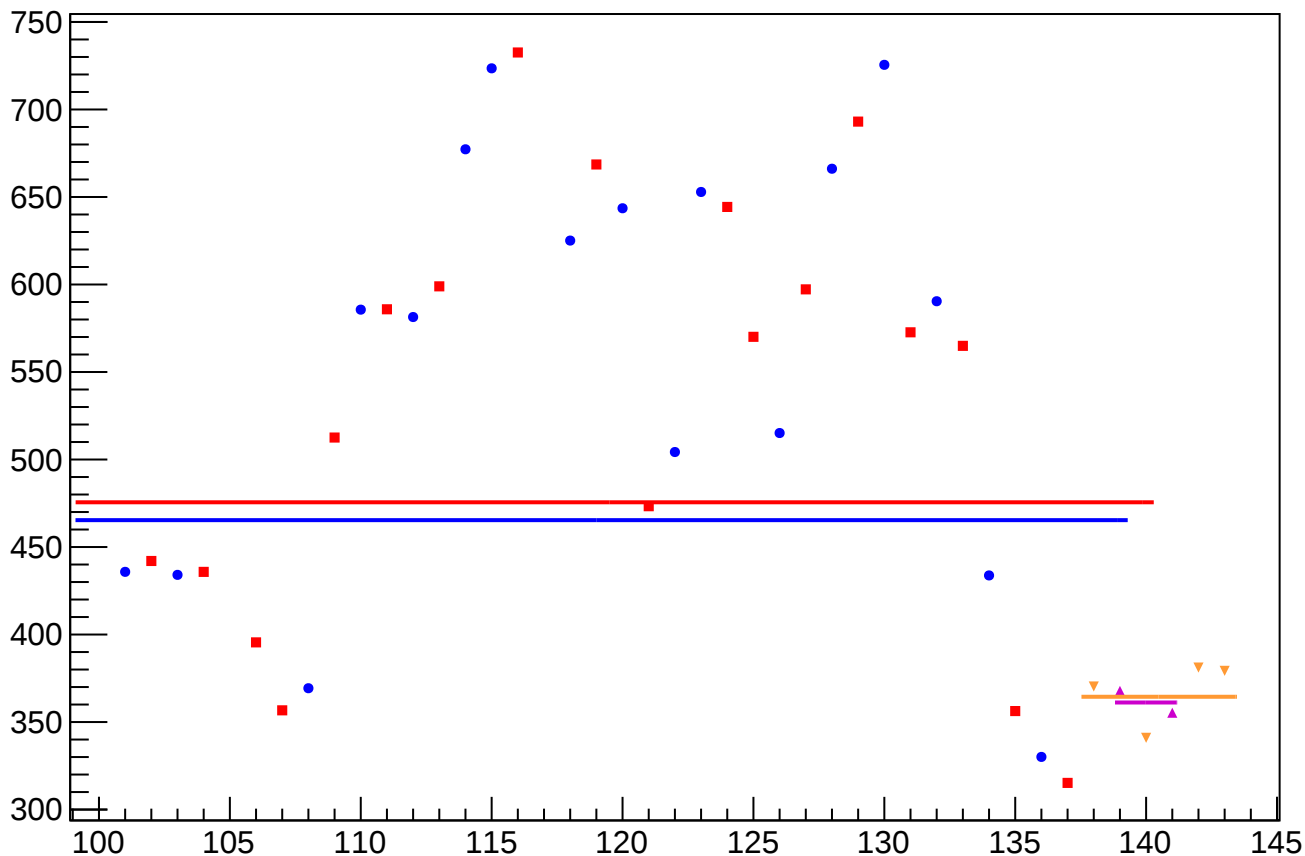
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 187.713 $\pm$ 155.291 χ^2 /NDF: 17.1/18

Out: 27.882 $\pm$ 141.566 χ^2 /NDF: 24.7/21

All: 100.424 $\pm$ 104.619 χ^2 /NDF: 42.4/40

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 364.445+/-0.156 χ^2/NDF :11884.0/3

Right Out: 475.559+/-0.130 χ^2/NDF : 740849.9/17

Left In: 361.169+/-0.200 χ^2/NDF :972.7/1

Left: 363.200+/-0.123 χ^2/NDF : 13023.8/5

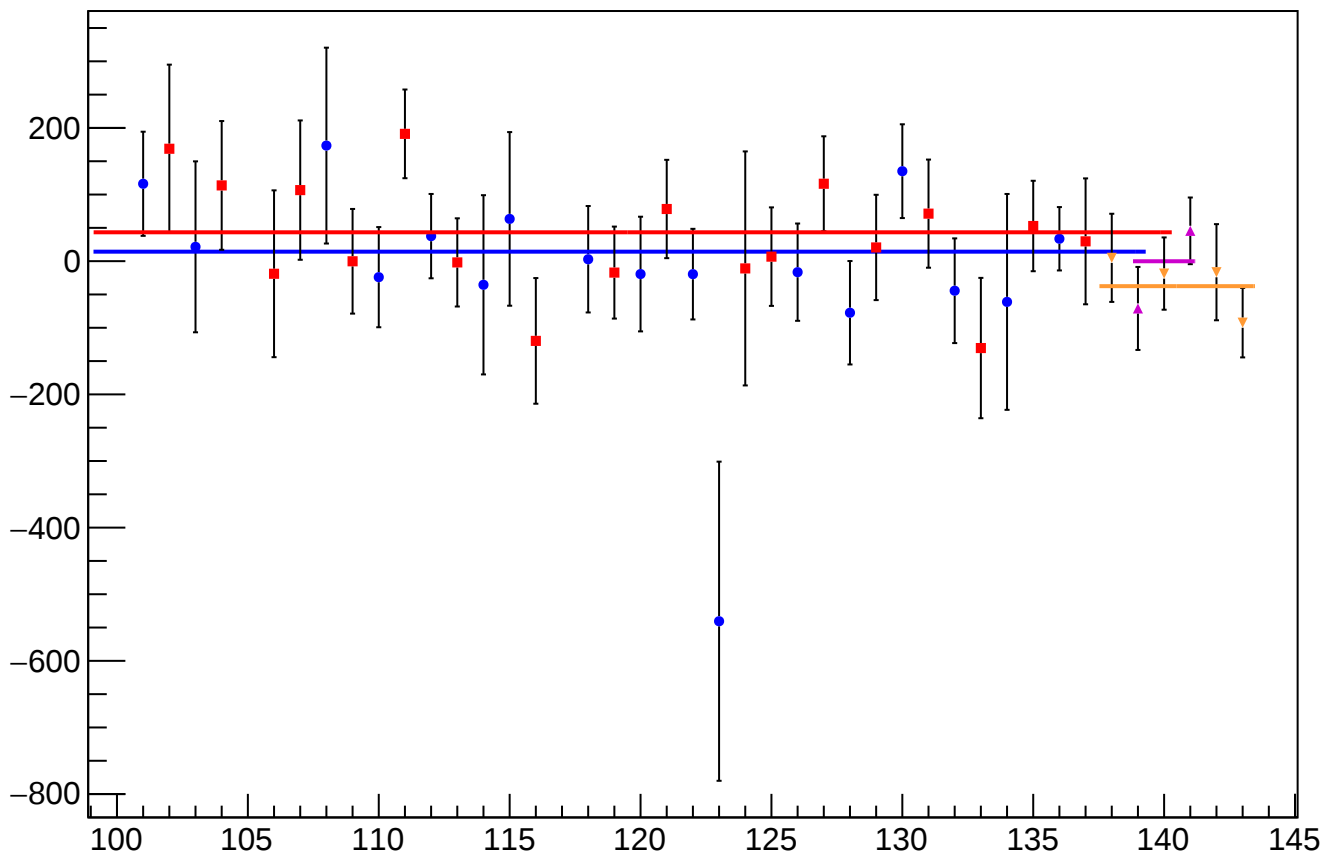
Right: 470.501+/-0.093 χ^2/NDF : 1604306.1/34

In: 433.812+/-0.110 χ^2/NDF :1051434.6/18

Out: 429.933+/-0.100 χ^2/NDF :1050918.7/21

All: 431.694+/-0.074 χ^2/NDF : 2103034.6/40

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -37.529+/-29.773 χ^2/NDF : 1.7/3

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -0.141+/-39.013 χ^2/NDF : 2.1/1

Left: -23.769+/-23.668 χ^2/NDF : 4.4/5

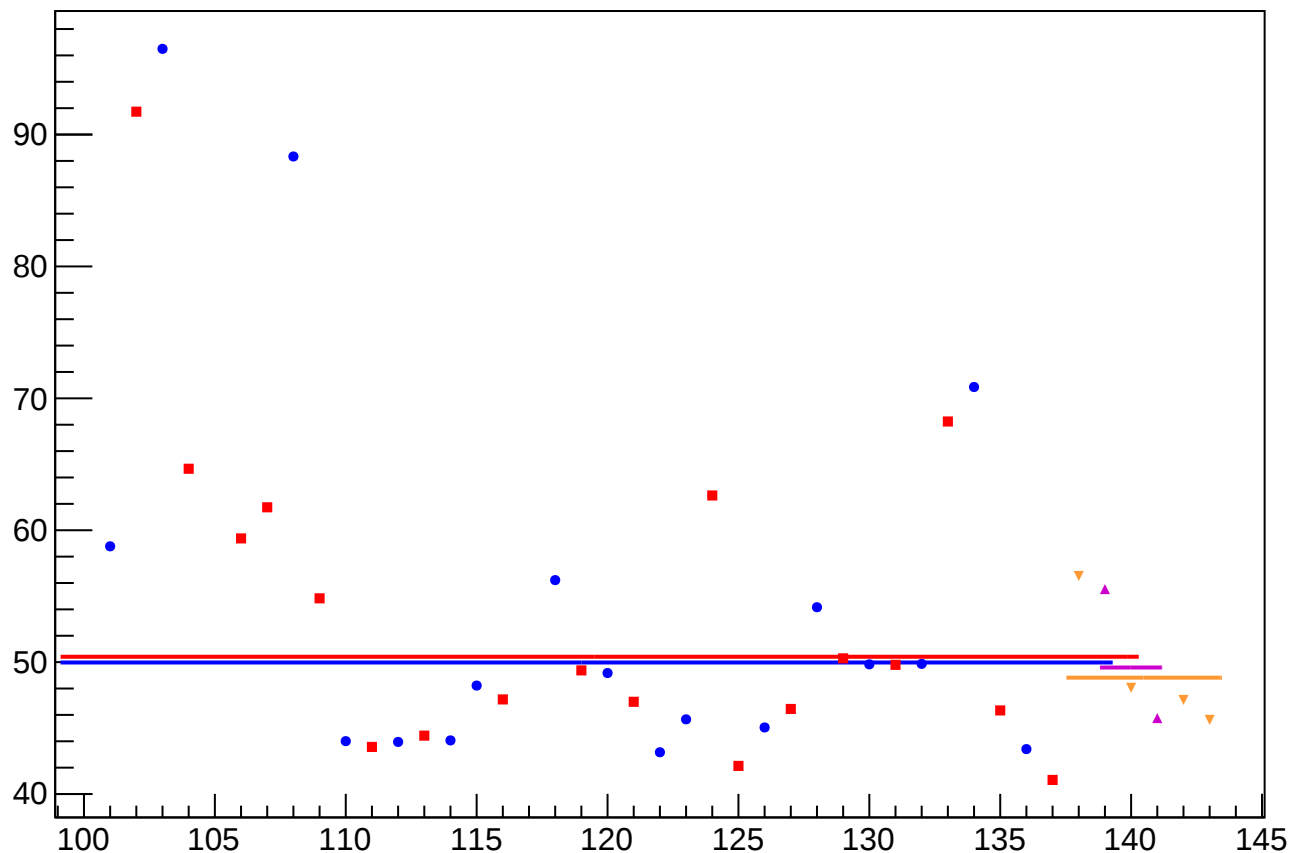
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: 11.289+/-17.703 χ^2/NDF : 17.0/18

Out: 18.799+/-16.400 χ^2/NDF : 23.0/21

All: 15.331+/-12.031 χ^2/NDF : 40.1/40

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 48.822+/-0.021 χ^2/NDF : 36185.3/3

Right Out: 50.408+/-0.014 χ^2/NDF : 467481.4/17

Left In: 49.592+/-0.028 χ^2/NDF : 29956.4/1

Left: 49.106+/-0.017 χ^2/NDF : 66633.4/5

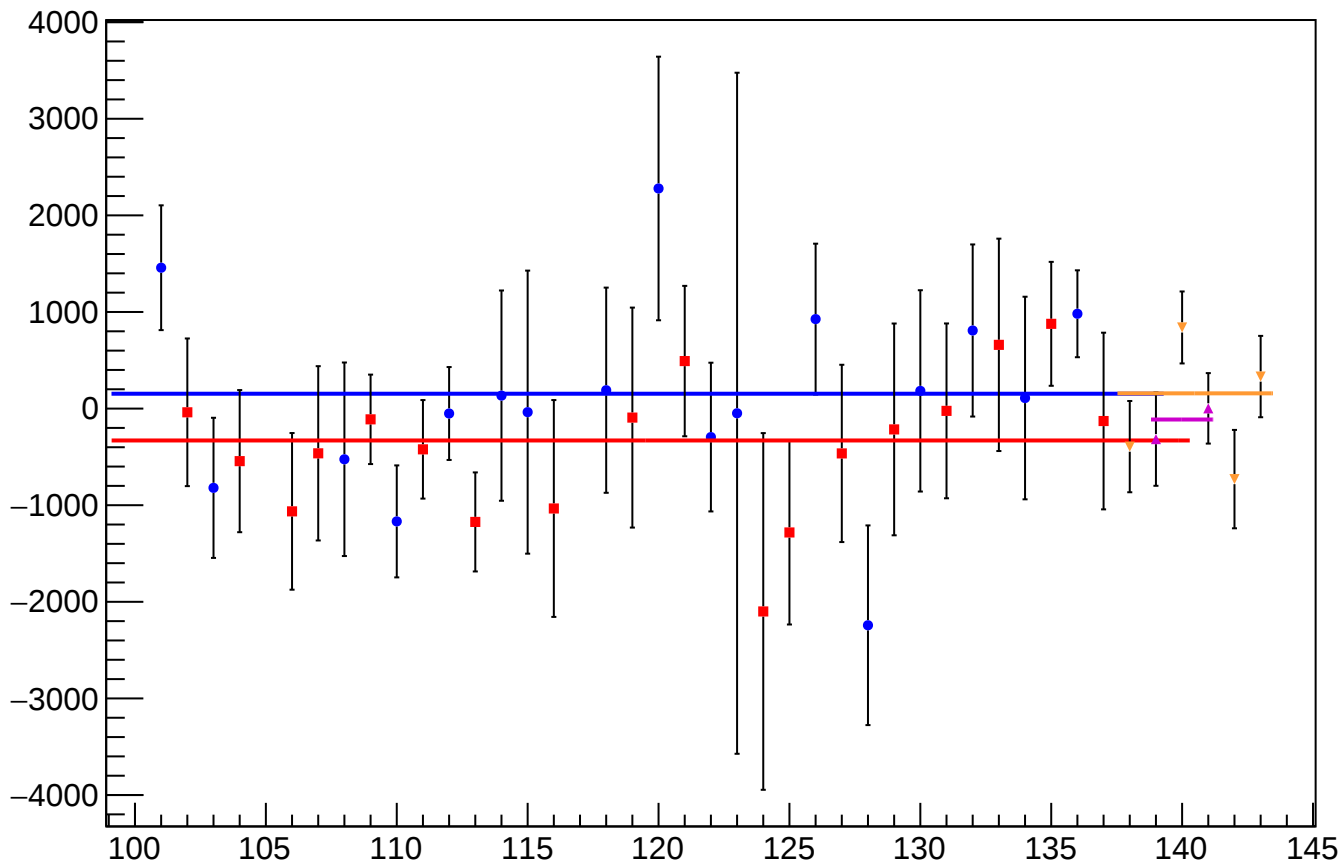
Right: 50.193+/-0.010 χ^2/NDF : 1046716.4/34

In: 49.895+/-0.013 χ^2/NDF : 608858.7/18

Out: 49.927+/-0.012 χ^2/NDF : 507617.5/21

All: 49.912+/-0.009 χ^2/NDF : 1116479.8/40

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 157.824 $\pm$ 217.246 χ^2 /NDF: 7.9/3

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

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

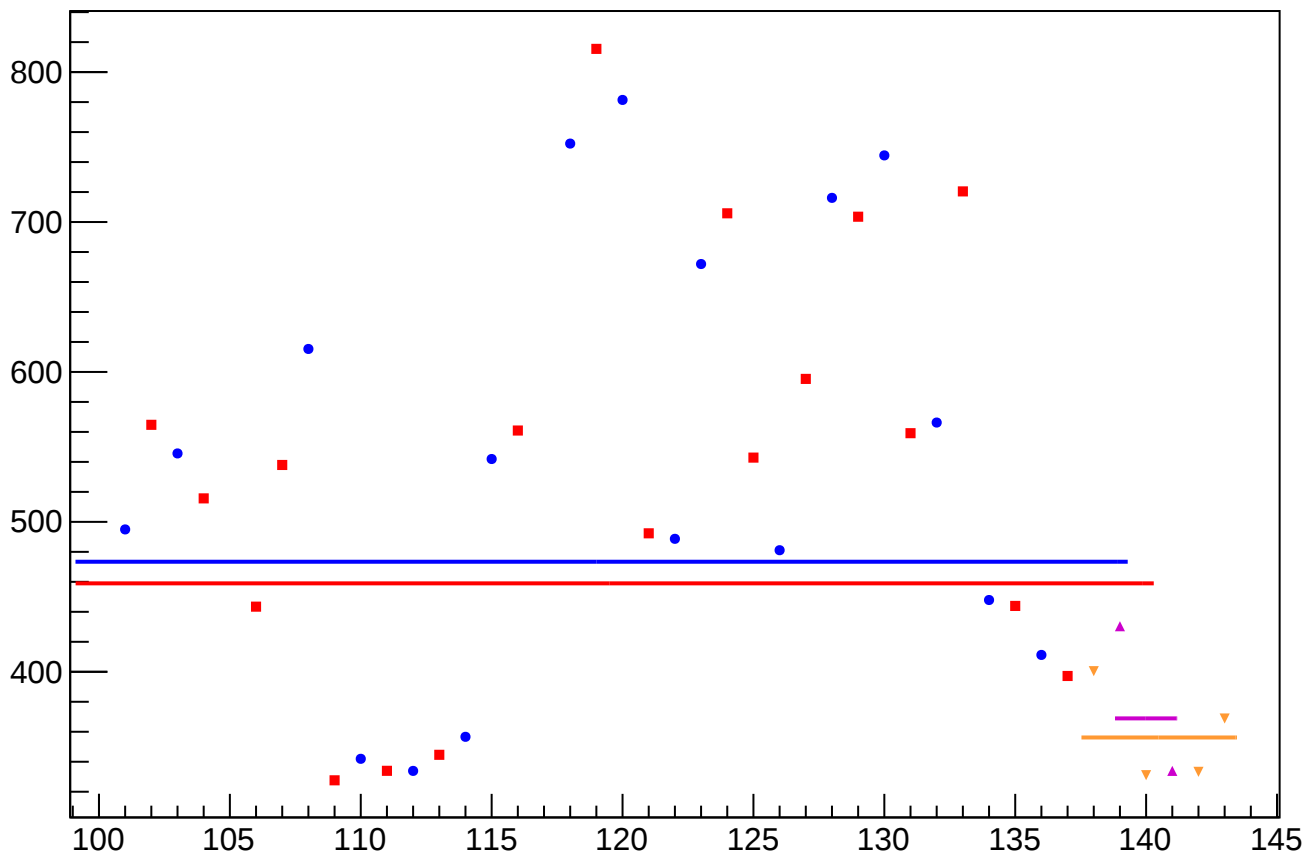
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 74.153 $\pm$ 159.090 χ^2 /NDF: 25.7/18

Out: -131.669 $\pm$ 138.511 χ^2 /NDF: 23.0/21

All: -42.923 $\pm$ 104.465 χ^2 /NDF: 49.6/40

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 356.183 $\pm$ 0.154 χ^2 /NDF: 32504.2/3

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 368.917 $\pm$ 0.206 χ^2 /NDF: 50789.6/1

Left: 360.738 $\pm$ 0.123 χ^2 /NDF: 85751.9/5

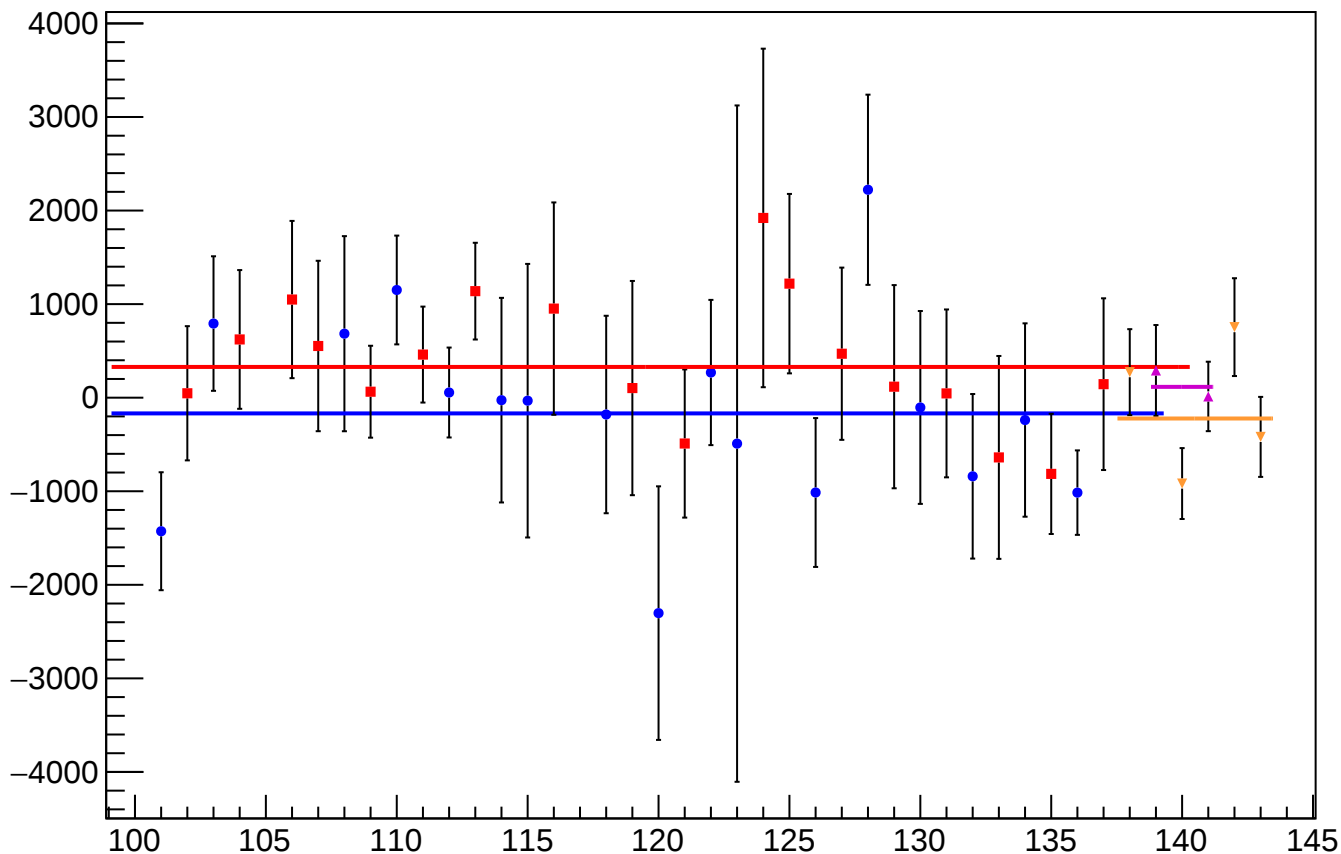
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 442.203 $\pm$ 0.112 χ^2 /NDF: 1146423.0/18

Out: 417.197 $\pm$ 0.098 χ^2 /NDF: 1304574.7/21

All: 427.979 $\pm$ 0.074 χ^2 /NDF: 2479103.0/40

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -222.543+/-219.124 χ^2/NDF : 8.2/3

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: 115.598+/-294.894 χ^2/NDF : 0.2/1

Left: -102.257+/-175.883 χ^2/NDF : 9.3/5

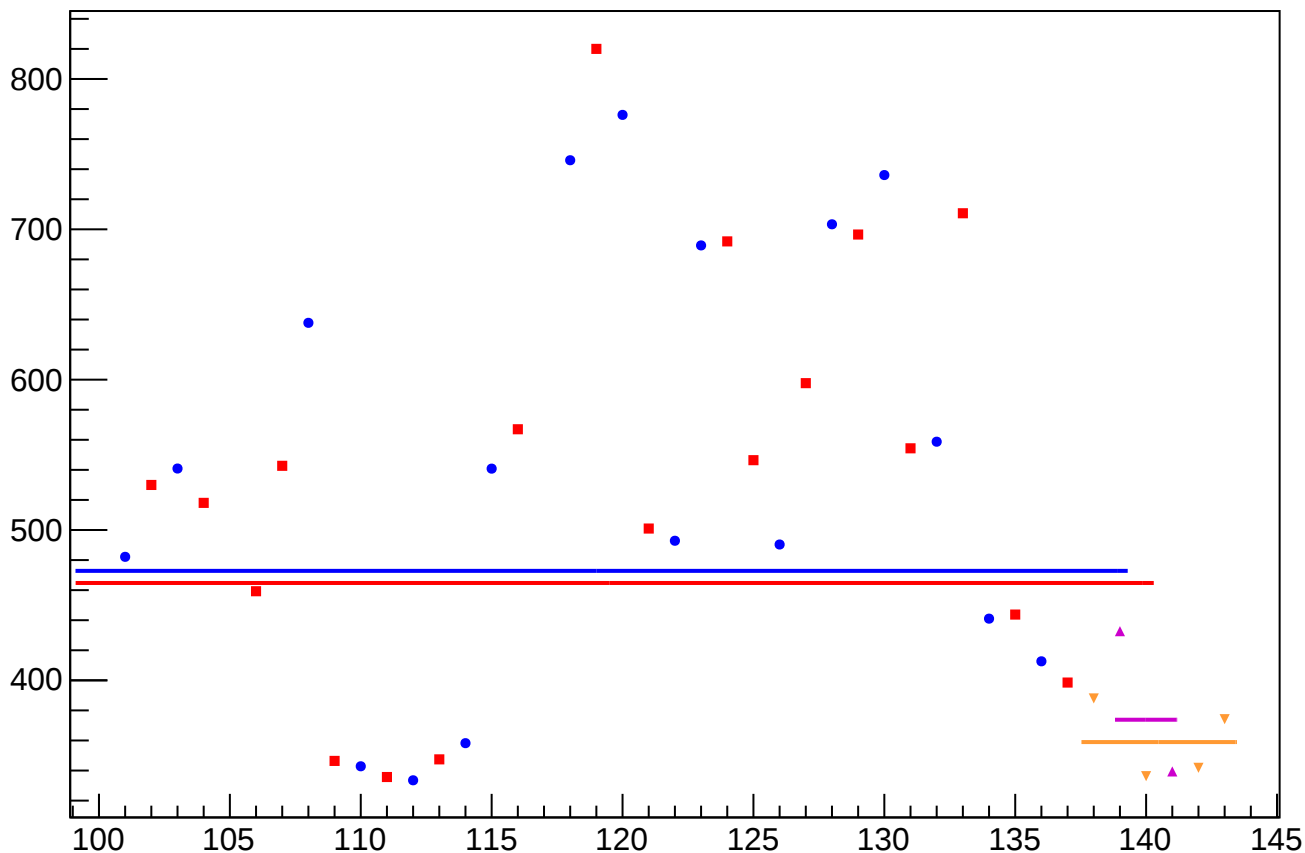
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -84.992+/-159.575 χ^2/NDF : 26.3/18

Out: 104.248+/-139.805 χ^2/NDF : 23.1/21

All: 22.071+/-105.156 χ^2/NDF : 50.2/40

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 358.940+/-0.155 χ^2/NDF :19822.1/3

Right Out: 464.761+/-0.128 χ^2/NDF : 914781.1/17

Left In: 373.798+/-0.209 χ^2/NDF :46582.7/1

Left: 364.226+/-0.124 χ^2/NDF : 69675.7/5

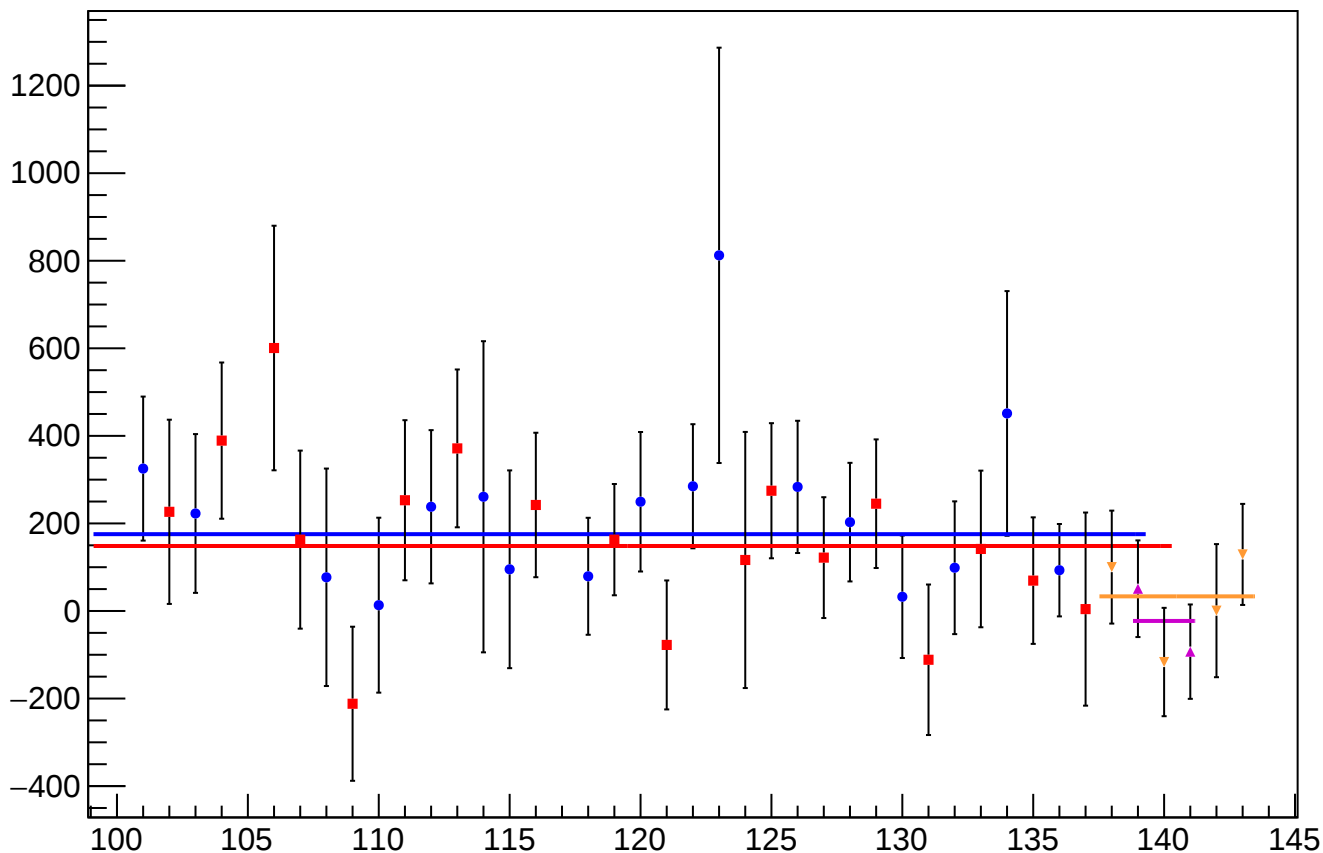
Right: 468.612+/-0.093 χ^2/NDF : 1813037.9/34

In: 443.824+/-0.113 χ^2/NDF :1102429.5/18

Out: 421.685+/-0.099 χ^2/NDF :1211165.8/21

All: 431.299+/-0.074 χ^2/NDF : 2335375.2/40

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: 33.396 $\pm$ 64.054 χ^2 /NDF:2.5/3

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

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

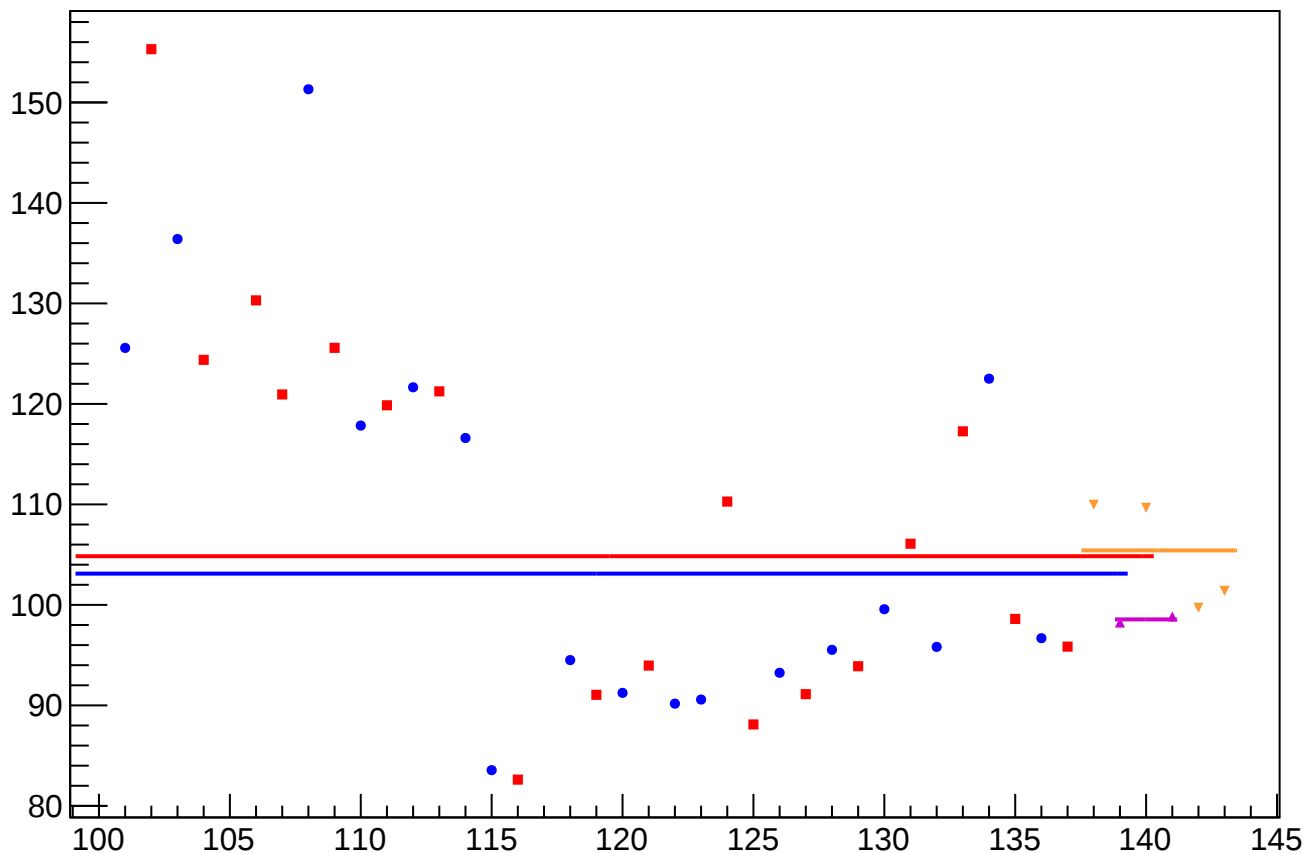
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 132.855 $\pm$ 35.758 χ^2 /NDF:14.6/18

Out: 115.782 $\pm$ 34.130 χ^2 /NDF:22.3/21

All: 123.921 $\pm$ 24.689 χ^2 /NDF: 37.0/40

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: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

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

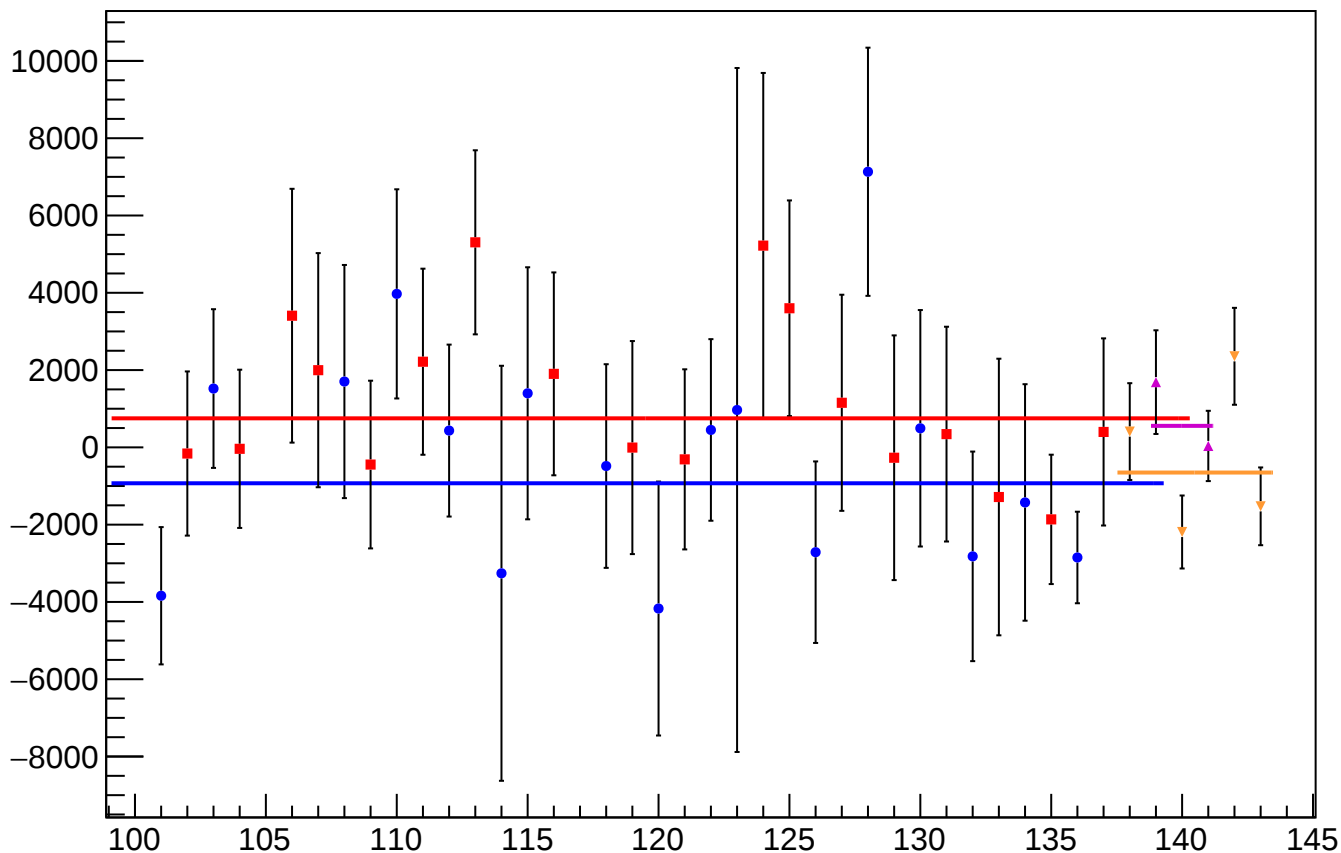
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 102.133 $\pm$ 0.025 χ^2 /NDF:311948.8/18

Out: 105.009 $\pm$ 0.024 χ^2 /NDF:378875.5/21

All: 103.638 $\pm$ 0.017 χ^2 /NDF: 697594.1/40

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: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: 556.636+/-752.778 χ^2/NDF : 1.0/1

Left: -237.301+/-440.771 χ^2/NDF : 12.6/5

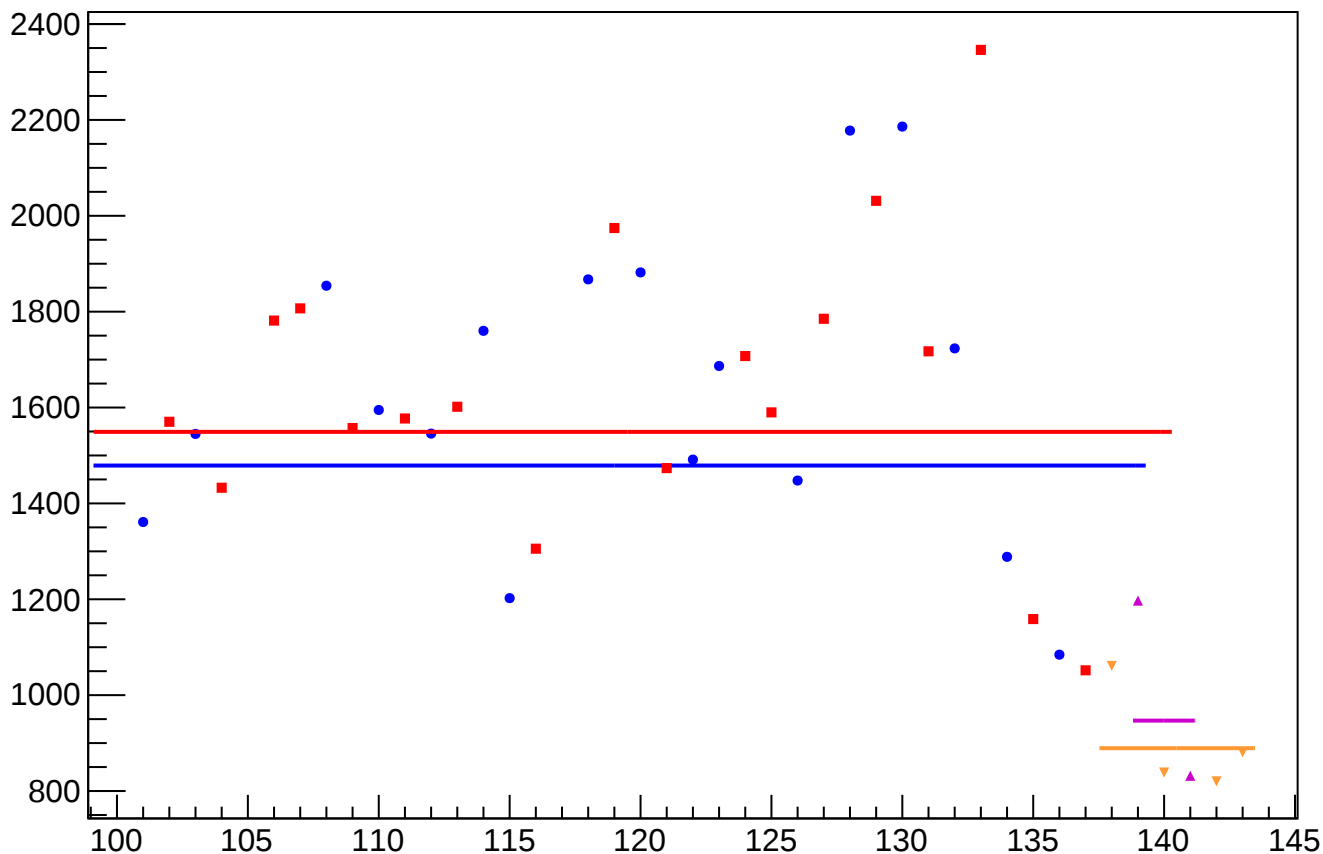
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -367.231+/-462.885 χ^2/NDF : 24.3/18

Out: -13.110+/-401.364 χ^2/NDF : 23.8/21

All: -165.090+/-303.242 χ^2/NDF : 48.5/40

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: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

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

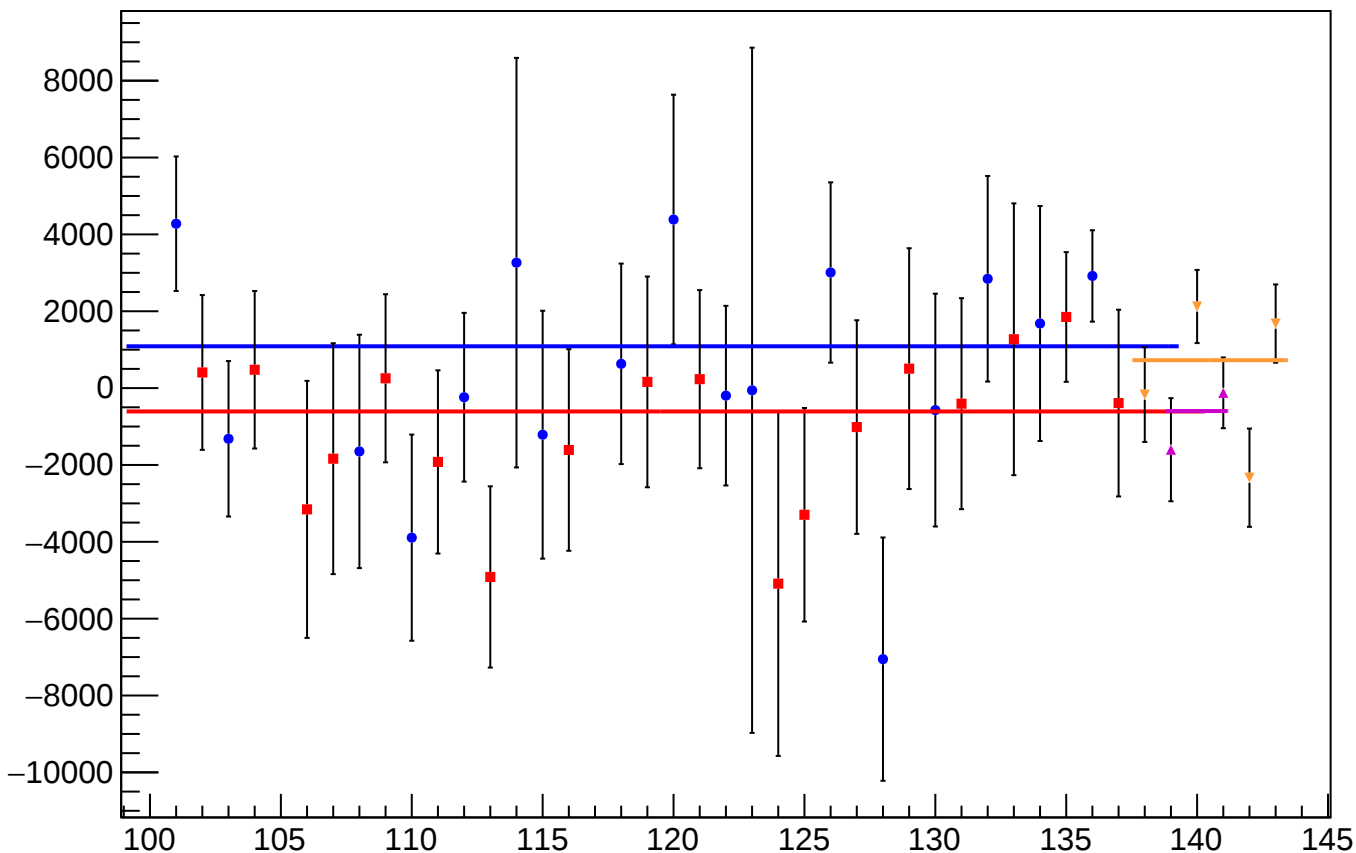
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1277.796 $\pm$ 0.327 χ^2 /NDF: 1312761.4/18

Out: 1189.664 $\pm$ 0.284 χ^2 /NDF: 1852960.7/21

All: 1227.488 $\pm$ 0.214 χ^2 /NDF: 3207108.4/40

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 726.297 $\pm$ 547.431 χ^2 /NDF: 9.3/3

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

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

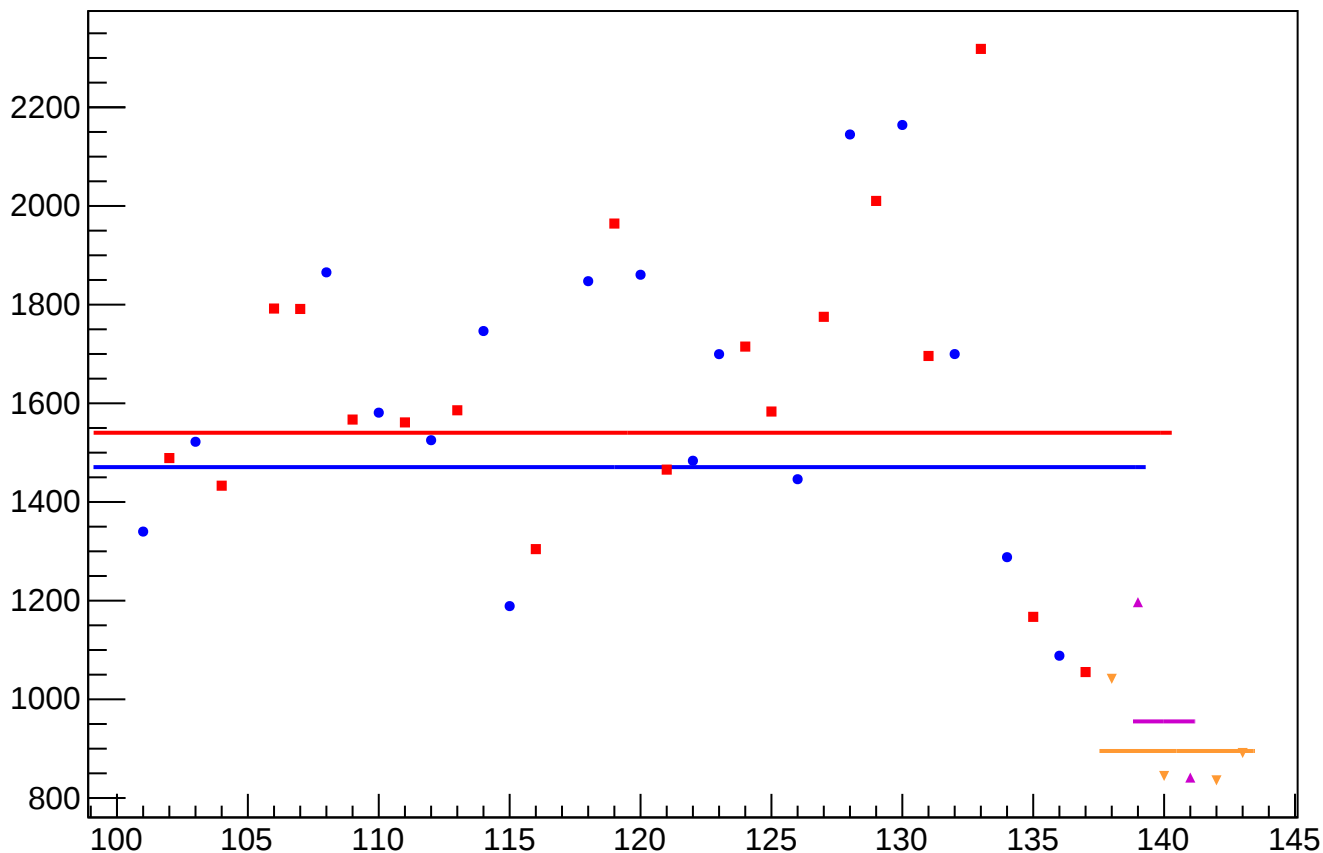
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 462.146 $\pm$ 462.497 χ^2 /NDF: 25.8/18

Out: 110.788 $\pm$ 401.785 χ^2 /NDF: 22.0/21

All: 261.907 $\pm$ 303.315 χ^2 /NDF: 48.0/40

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 895.309+/-0.387 χ^2/NDF : 38189.9/3

Right Out: 1540.341+/-0.418 χ^2/NDF : 442804.3/17

Left In: 955.249+/-0.537 χ^2/NDF : 95501.9/1

Left: 915.822+/-0.314 χ^2/NDF : 141897.7/5

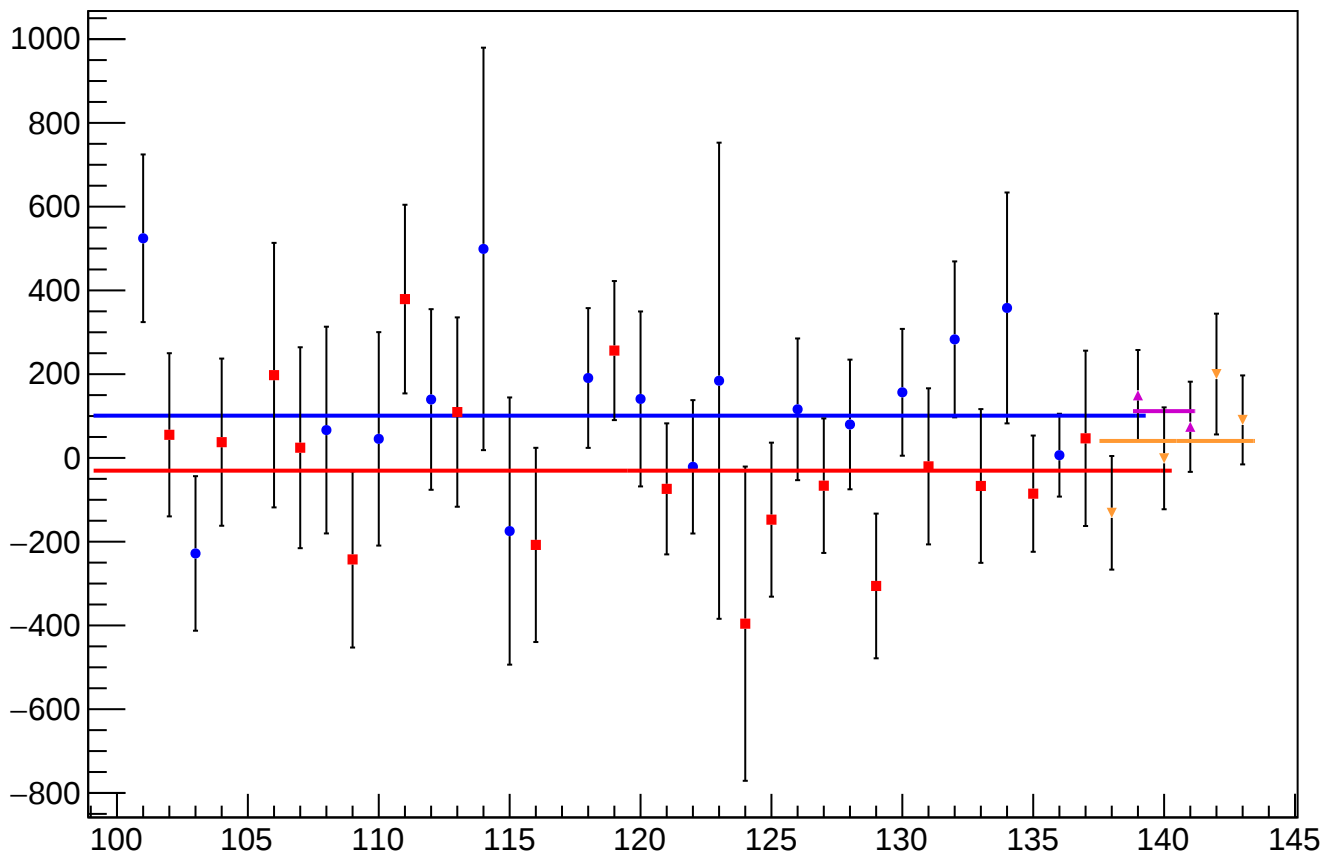
Right: 1505.024+/-0.294 χ^2/NDF : 1024593.2/34

In: 1279.266+/-0.327 χ^2/NDF : 1243138.5/18

Out: 1192.877+/-0.284 χ^2/NDF : 1761961.3/21

All: 1230.033+/-0.214 χ^2/NDF : 3044867.3/40

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 40.529 $\pm$ 62.186 χ^2 /NDF:3.2/3

Right Out: -30.411 $\pm$ 45.710 χ^2 /NDF: 13.5/17

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

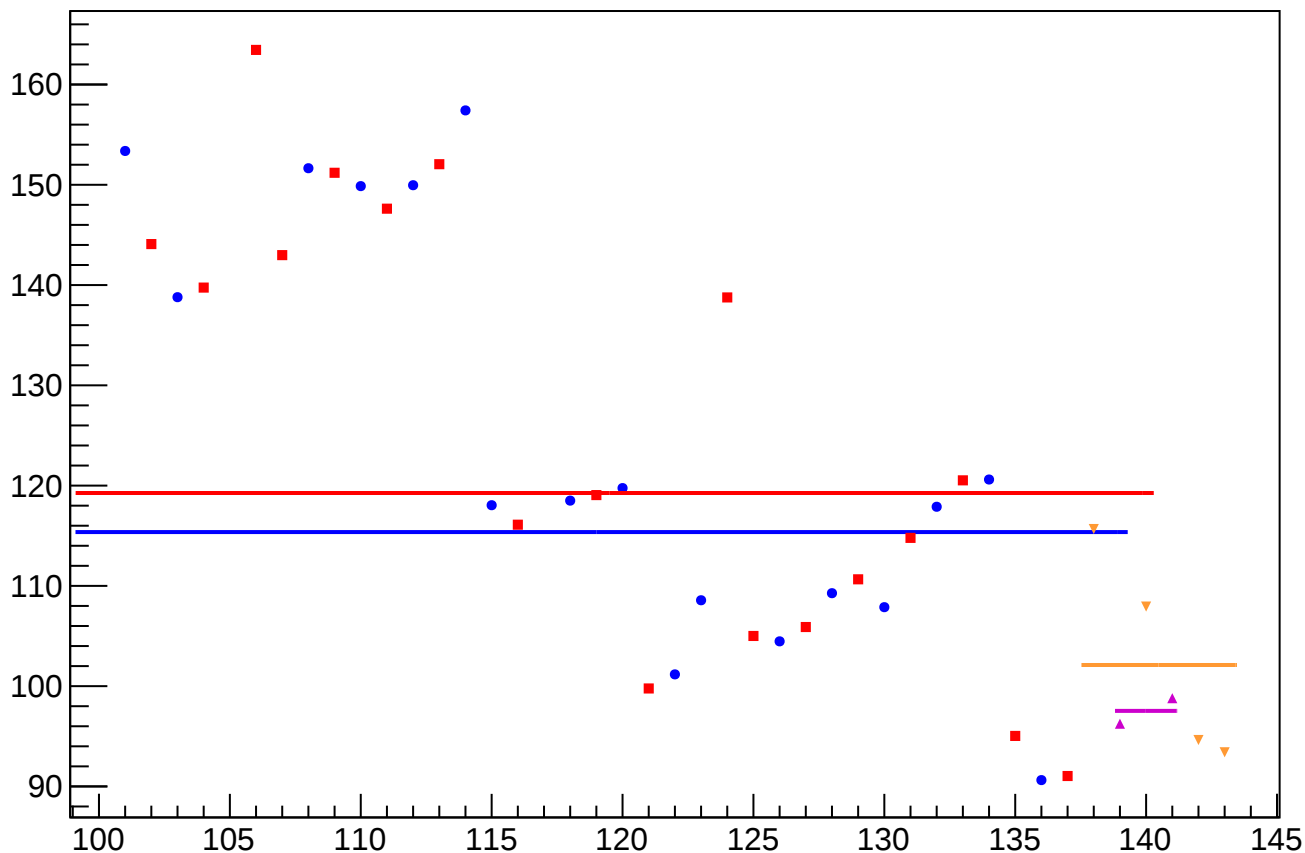
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 103.733 $\pm$ 38.946 χ^2 /NDF:13.3/18

Out: -5.527 $\pm$ 36.830 χ^2 /NDF:17.5/21

All: 46.055 $\pm$ 26.760 χ^2 /NDF: 35.0/40

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 102.111 $\pm$ 0.044 χ^2 /NDF:43383.3/3

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

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

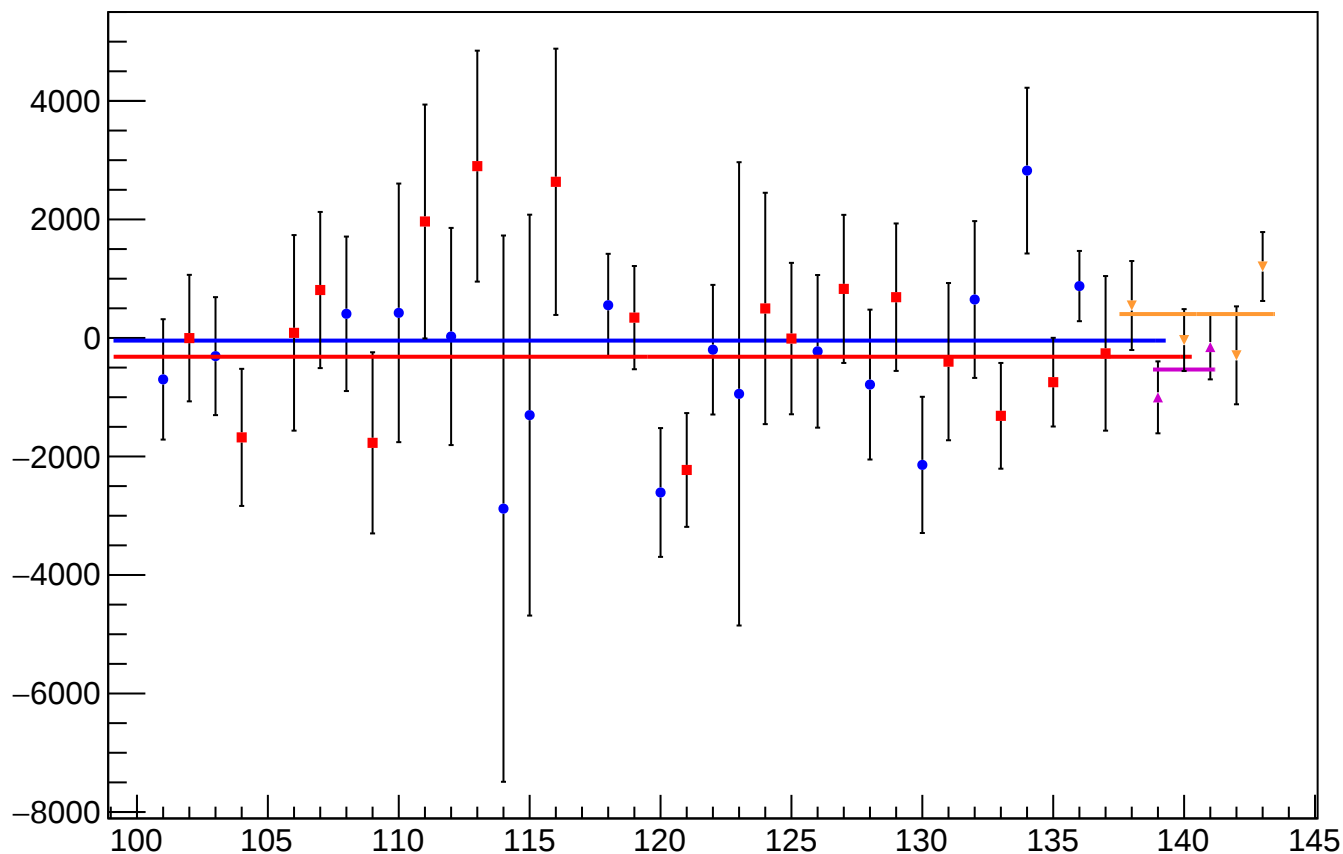
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 110.724 $\pm$ 0.028 χ^2 /NDF:492657.6/18

Out: 113.246 $\pm$ 0.026 χ^2 /NDF:540481.3/21

All: 112.056 $\pm$ 0.019 χ^2 /NDF: 1037566.3/40

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: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -532.811 ± 405.796 $\chi^2/\text{NDF}: 1.1/1$

Left: 46.456 ± 250.535 $\chi^2/\text{NDF}: 7.7/5$

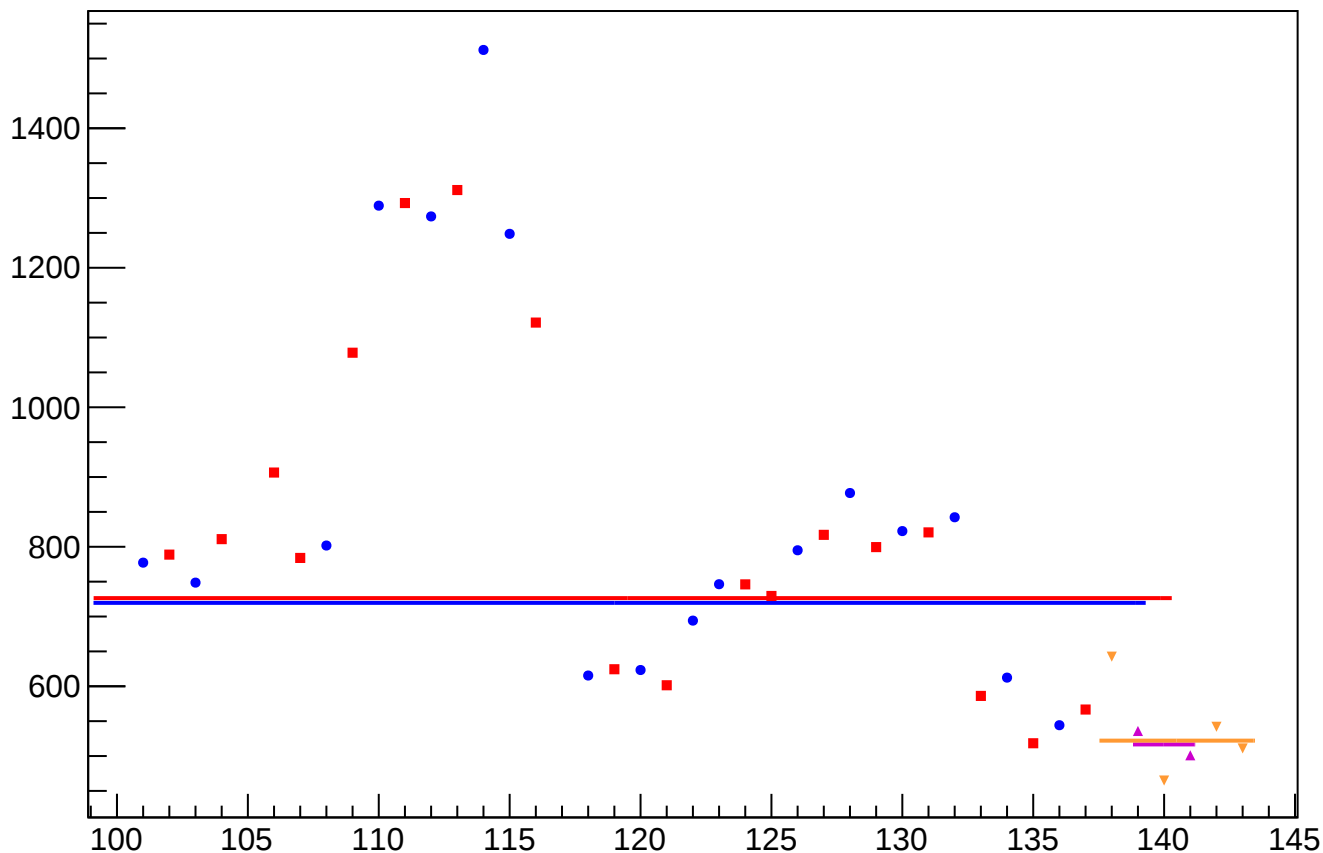
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -206.808 ± 233.928 $\chi^2/\text{NDF}: 19.9/18$

Out: 0.945 ± 211.595 $\chi^2/\text{NDF}: 23.0/21$

All: -92.544 ± 156.923 $\chi^2/\text{NDF}: 43.4/40$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 522.075 $\pm$ 0.225 χ^2 /NDF: 77282.3/3

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 516.646 $\pm$ 0.287 χ^2 /NDF: 3649.8/1

Left: 520.005 $\pm$ 0.177 χ^2 /NDF: 81153.6/5

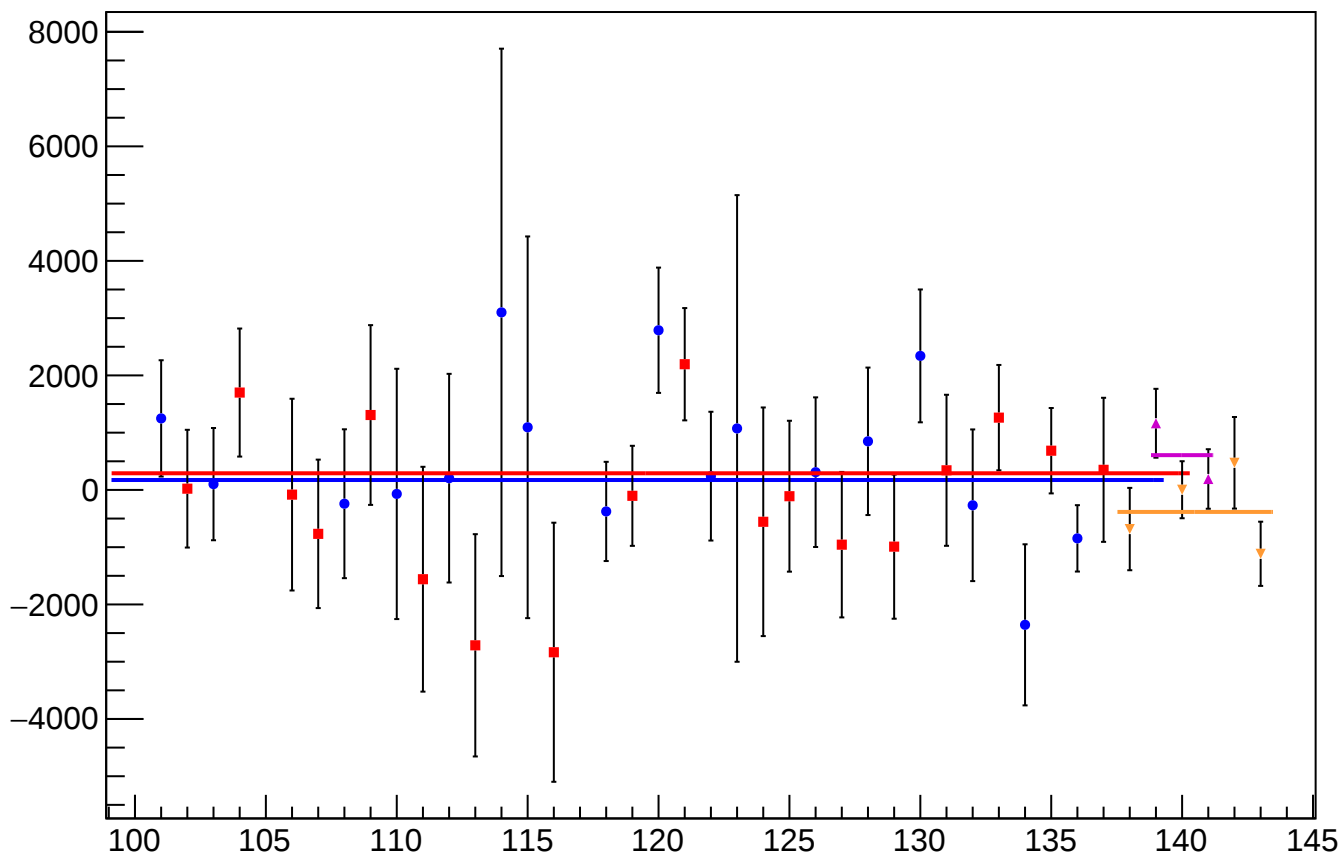
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 652.159 $\pm$ 0.165 χ^2 /NDF: 1084643.2/18

Out: 636.207 $\pm$ 0.150 χ^2 /NDF: 1418090.5/21

All: 643.385 $\pm$ 0.111 χ^2 /NDF: 2507849.2/40

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -384.238 $\pm$ 305.496 χ^2 /NDF:3.6/3

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

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

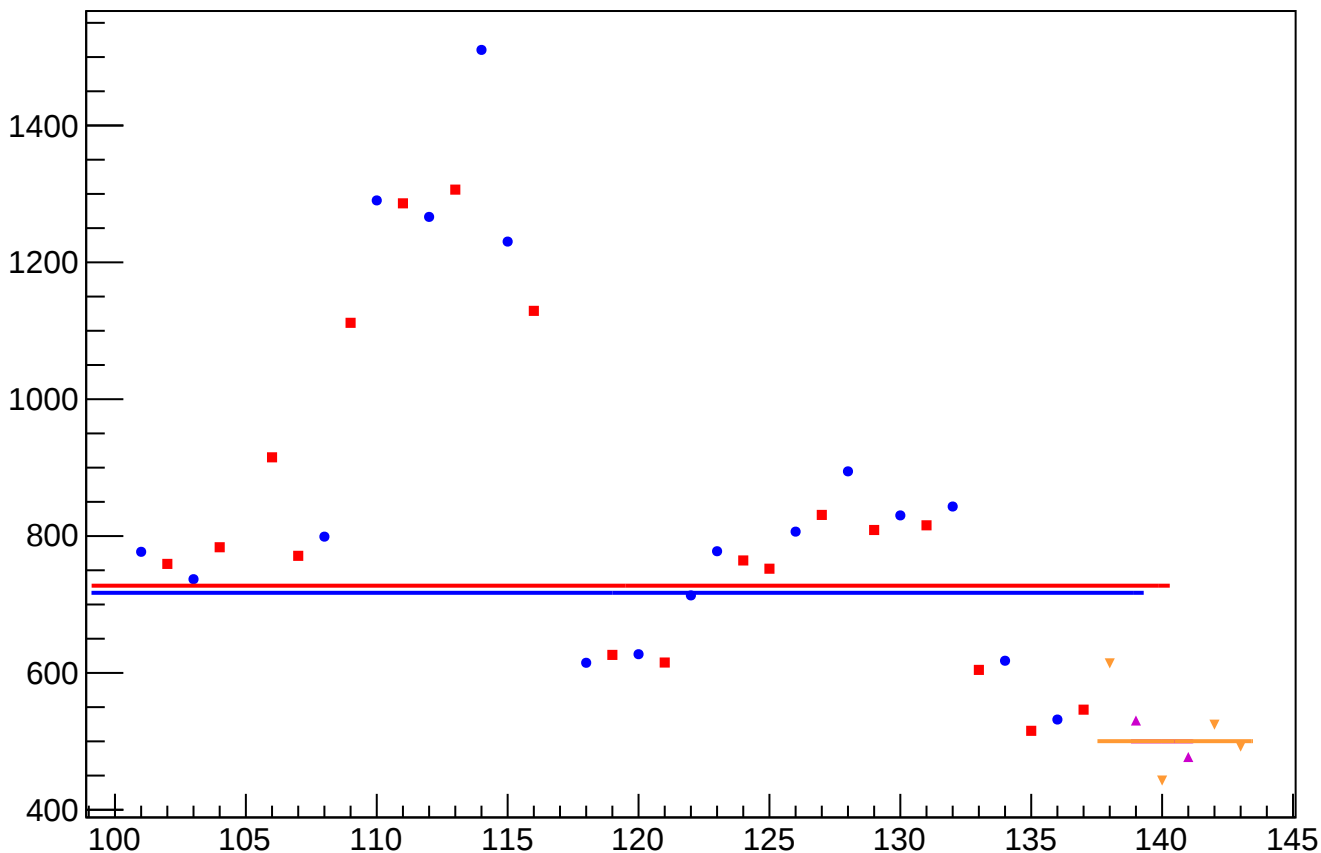
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 323.134 $\pm$ 231.129 χ^2 /NDF:20.4/18

Out: -21.599 $\pm$ 207.824 χ^2 /NDF:21.9/21

All: 132.516 $\pm$ 154.538 χ^2 /NDF: 43.5/40

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 500.267+/-0.216 χ^2/NDF : 78973.2/3

Right Out: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 499.960+/-0.278 χ^2/NDF : 9002.2/1

Left: 500.151+/-0.171 χ^2/NDF : 87976.1/5

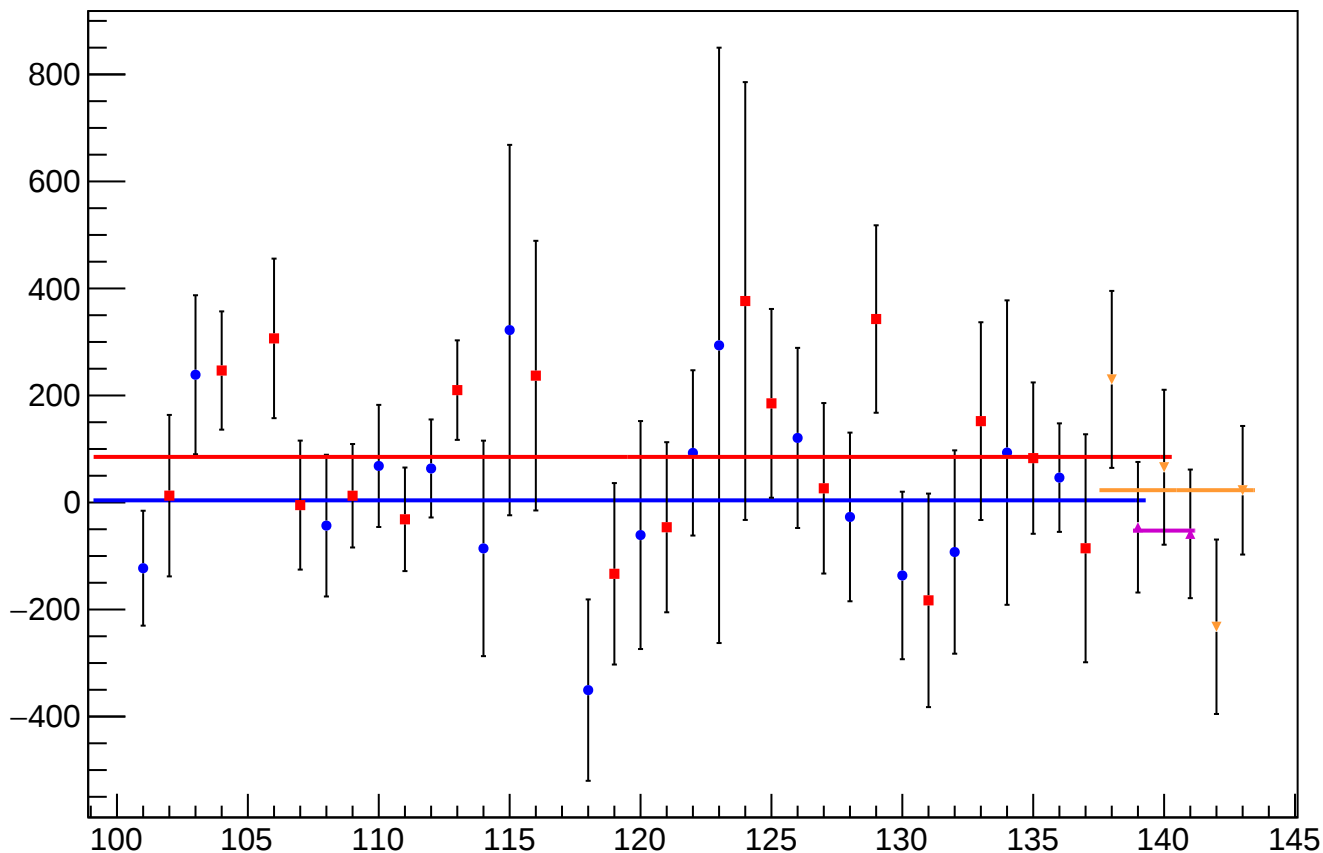
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 642.088+/-0.163 χ^2/NDF : 1190504.7/18

Out: 622.334+/-0.147 χ^2/NDF : 1554396.5/21

All: 631.165+/-0.109 χ^2/NDF : 2752979.3/40

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 23.021 ± 72.325 χ^2/NDF : 4.1/3

Right Out: 85.205 ± 33.413 χ^2/NDF : 17.4/17

Left In: -52.513 ± 85.614 χ^2/NDF : 0.0/1

Left: -8.435 ± 55.250 χ^2/NDF : 4.6/5

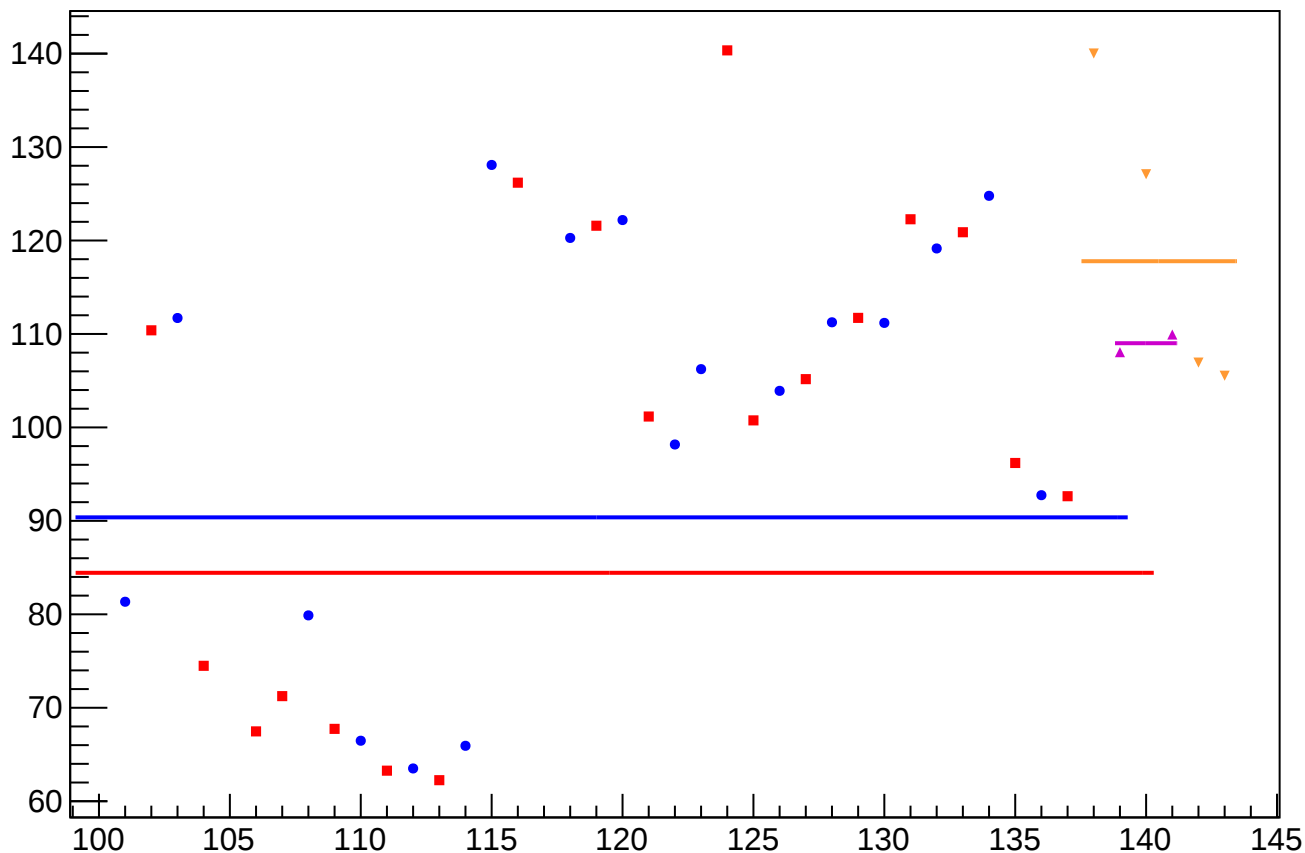
Right: 47.574 ± 24.474 χ^2/NDF : 32.8/34

In: -4.461 ± 33.147 χ^2/NDF : 13.1/18

Out: 74.268 ± 30.332 χ^2/NDF : 22.1/21

All: 38.387 ± 22.377 χ^2/NDF : 38.3/40

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2/NDF : 654139.7/16

Left Out: 117.785 $\pm$ 0.051 χ^2/NDF : 74052.3/3

Right Out: 84.442 $\pm$ 0.024 χ^2/NDF : 870835.6/17

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

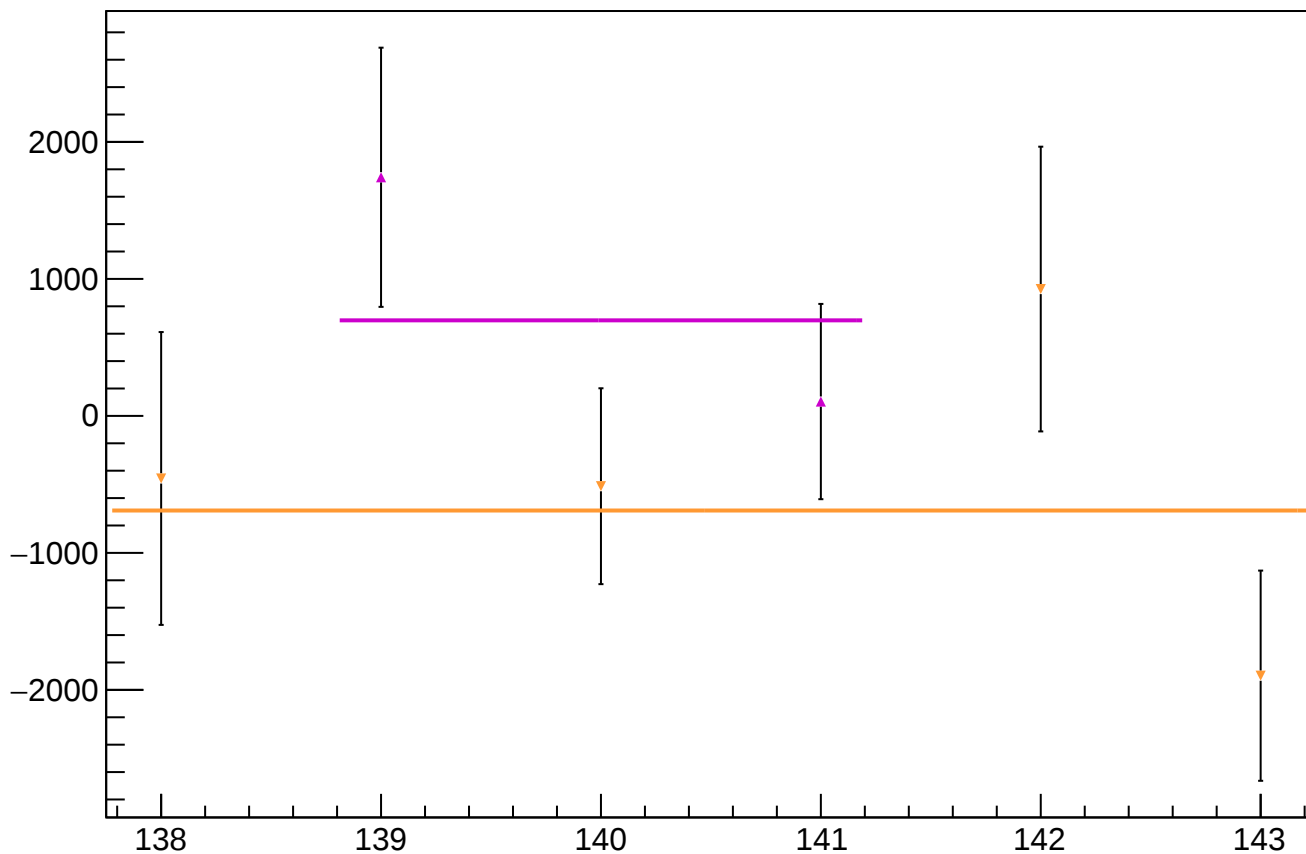
Right: 87.192 $\pm$ 0.017 χ^2/NDF : 1554203.3/34

In: 93.168 $\pm$ 0.023 χ^2/NDF : 734932.0/18

Out: 90.307 $\pm$ 0.021 χ^2/NDF : 1295195.5/21

All: 91.611 $\pm$ 0.016 χ^2/NDF : 2038241.3/40

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

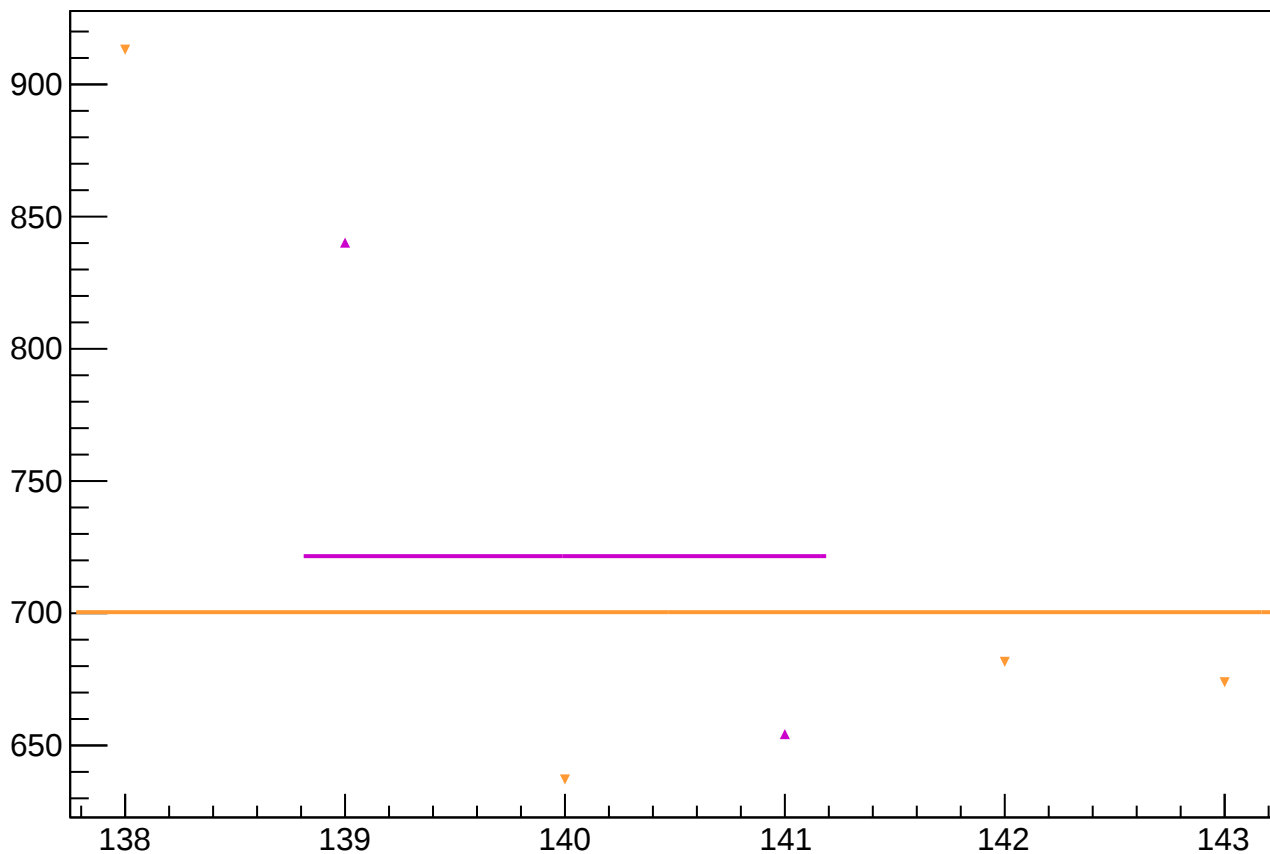
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

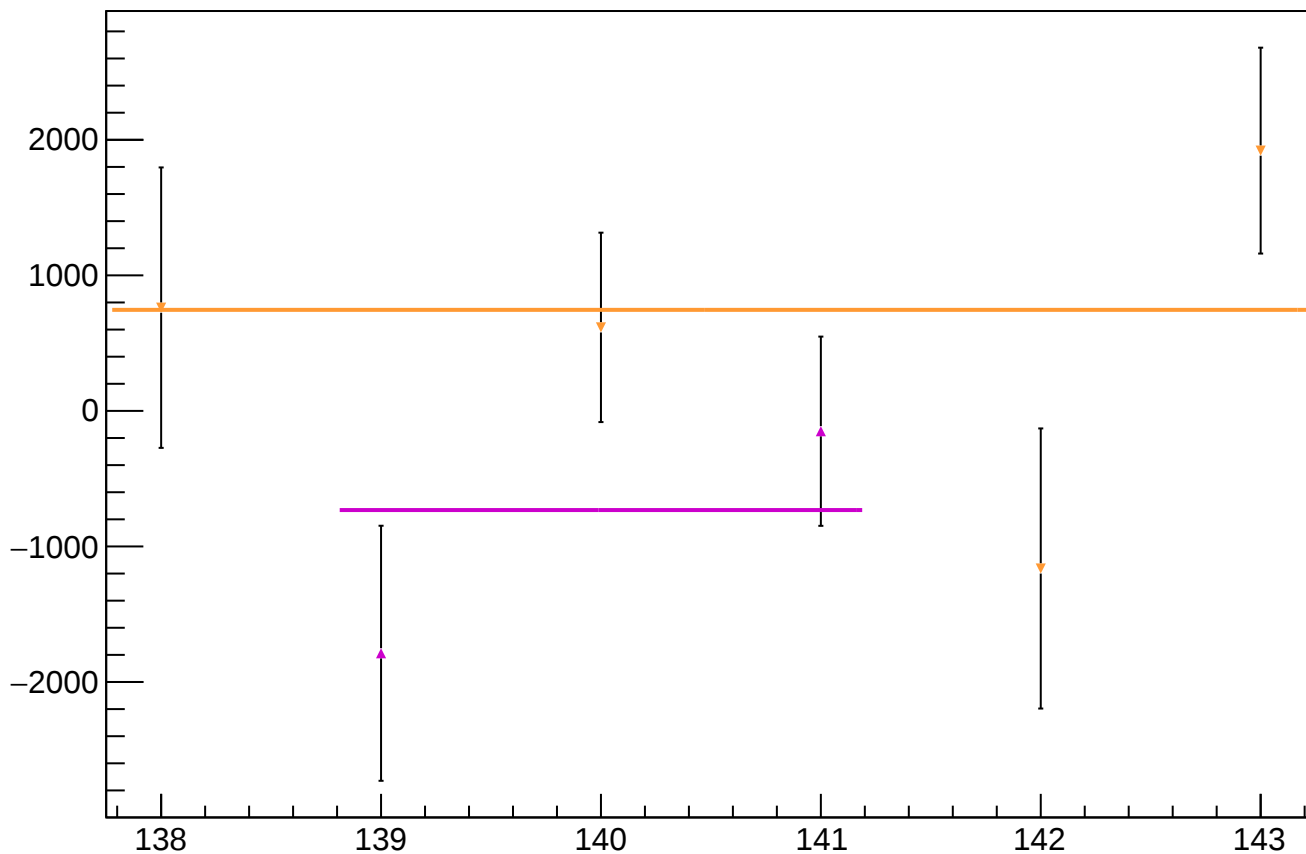
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

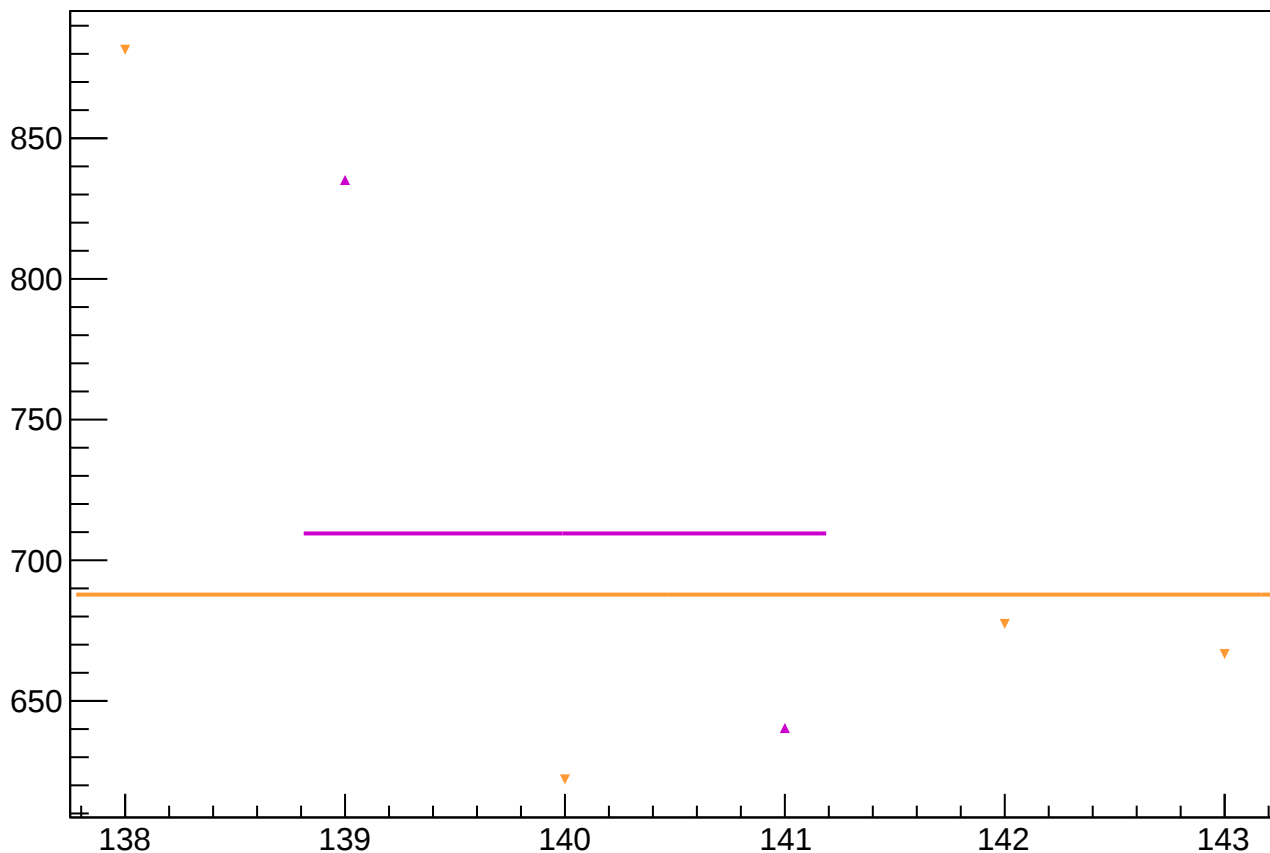
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 687.796 ± 0.297 $\chi^2/\text{NDF}: 89521.1/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 709.533 ± 0.396 $\chi^2/\text{NDF}: 55295.7/1$

Left: 695.624 ± 0.238 $\chi^2/\text{NDF}: 146740.6/5$

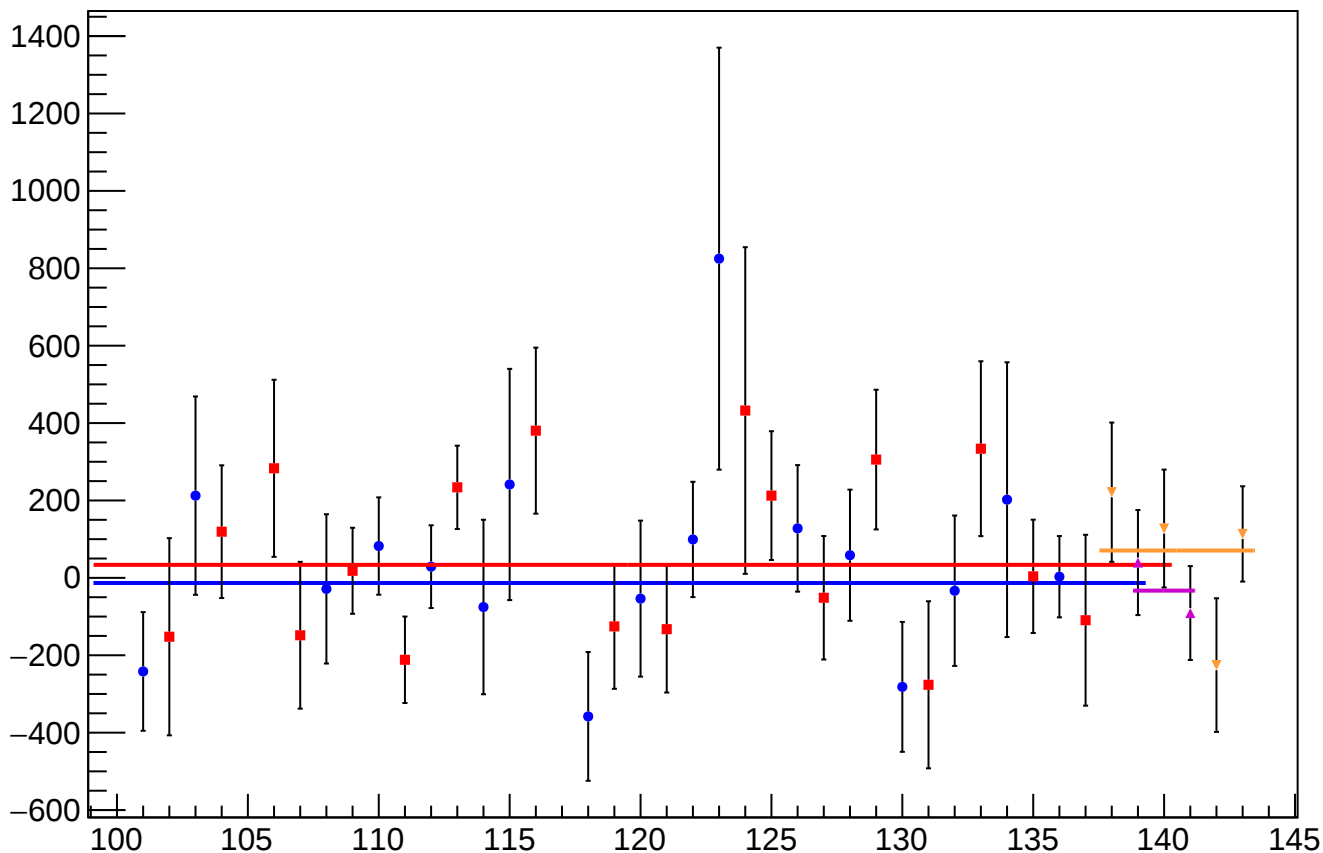
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 709.533 ± 0.396 $\chi^2/\text{NDF}: 55295.7/1$

Out: 687.796 ± 0.297 $\chi^2/\text{NDF}: 89521.1/3$

All: 695.624 ± 0.238 $\chi^2/\text{NDF}: 146740.6/5$

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 70.686 ± 75.919 χ^2/NDF : 3.9/3

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: -32.979 ± 90.471 χ^2/NDF : 0.5/1

Left: 27.851 ± 58.156 χ^2/NDF : 5.2/5

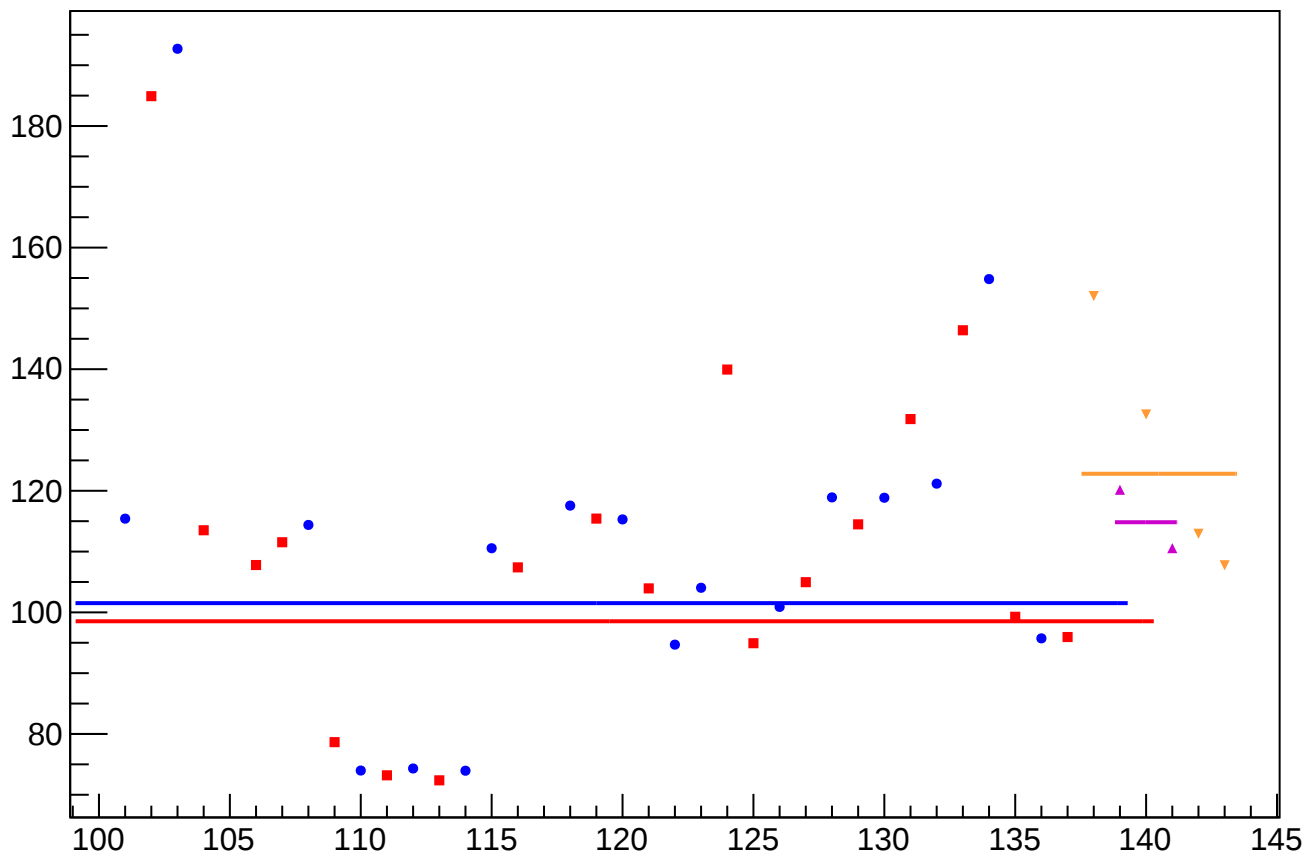
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: -16.522 ± 37.006 χ^2/NDF : 16.2/18

Out: 41.338 ± 34.614 χ^2/NDF : 28.8/21

All: 14.339 ± 25.279 χ^2/NDF : 46.3/40

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2/NDF : 681713.7/16

Left Out: 122.799 $\pm$ 0.054 χ^2/NDF : 97398.9/3

Right Out: 98.537 $\pm$ 0.028 χ^2/NDF : 746979.4/17

Left In: 114.826 $\pm$ 0.064 χ^2/NDF : 5568.9/1

Left: 119.505 $\pm$ 0.041 χ^2/NDF : 112081.3/5

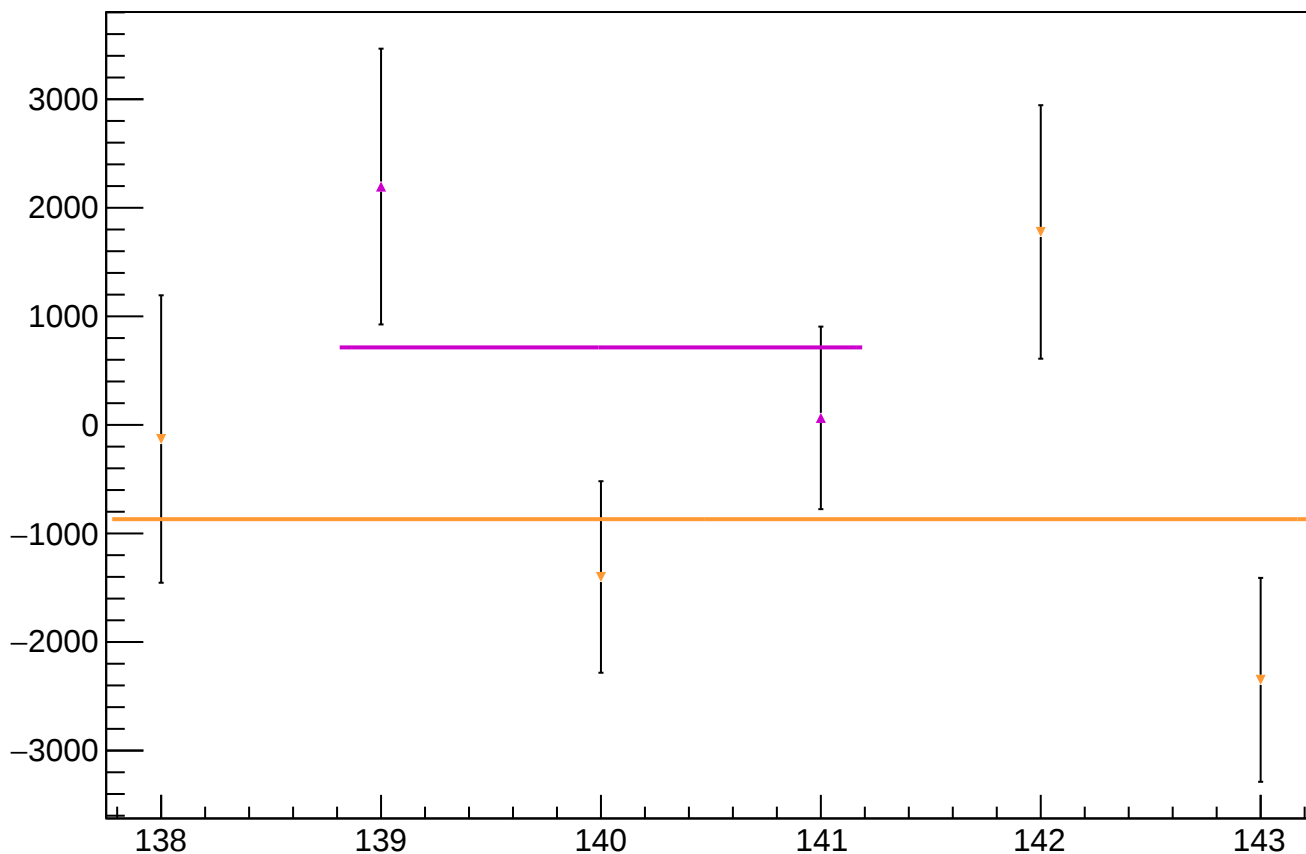
Right: 99.965 $\pm$ 0.020 χ^2/NDF : 1434328.3/34

In: 103.746 $\pm$ 0.026 χ^2/NDF : 723314.0/18

Out: 103.580 $\pm$ 0.024 χ^2/NDF : 1006183.4/21

All: 103.657 $\pm$ 0.018 χ^2/NDF : 1729518.8/40

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

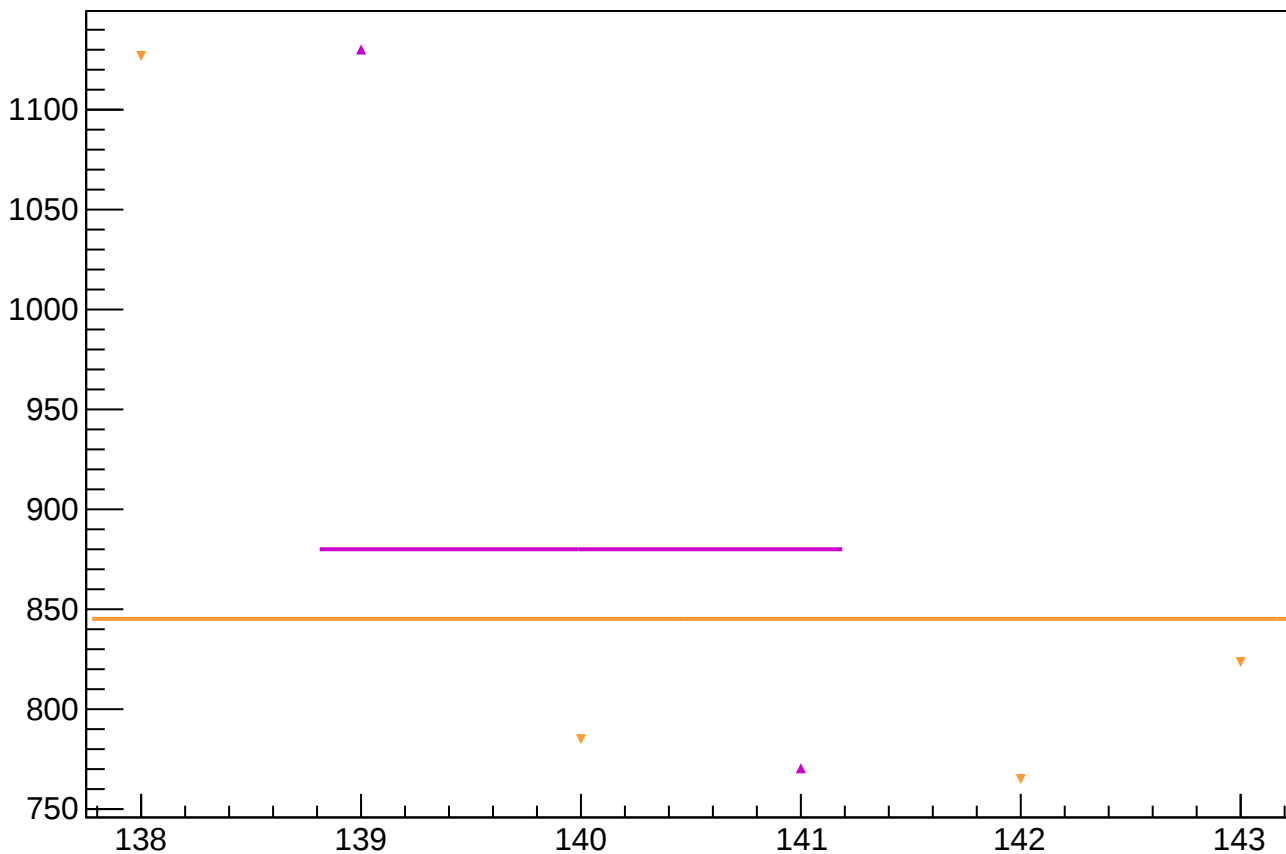
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

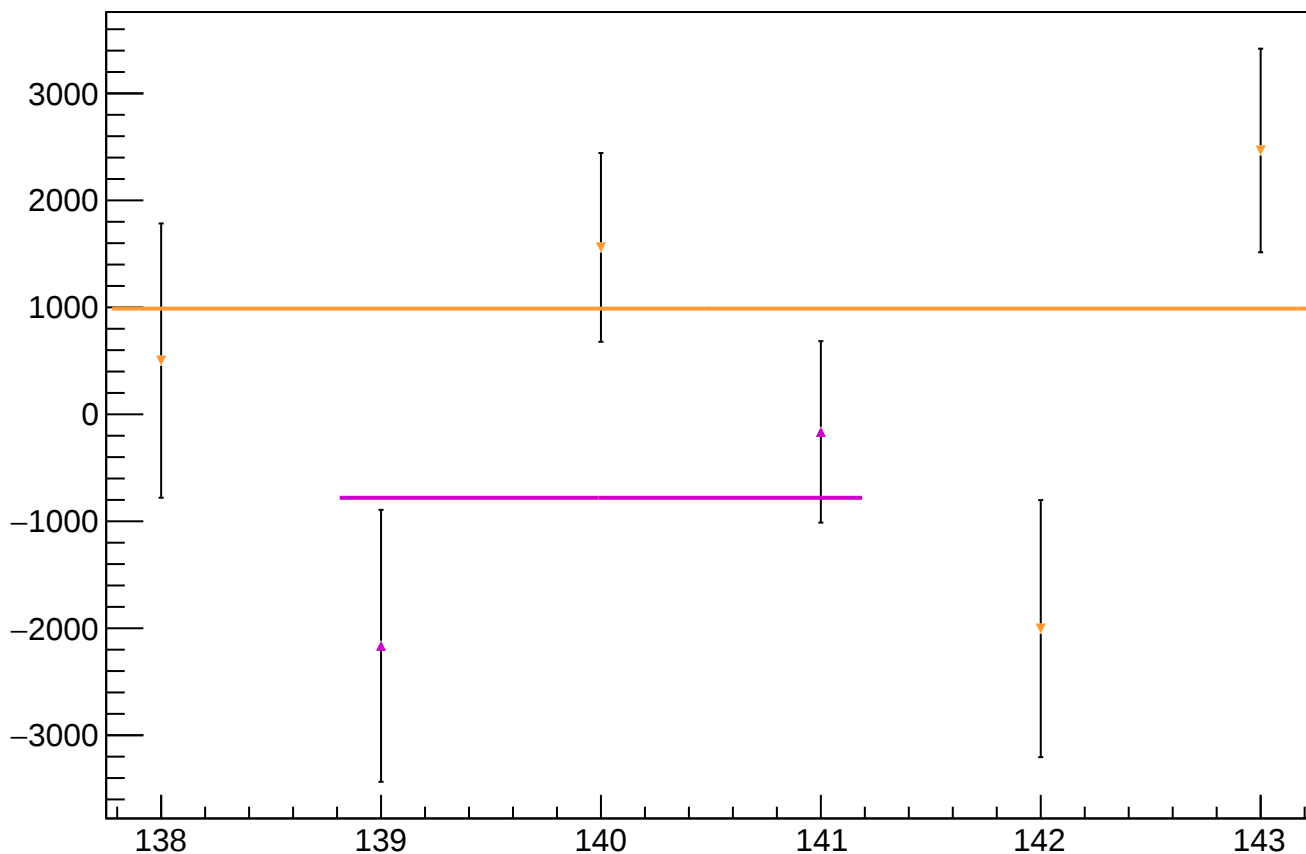
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 15.0/5$

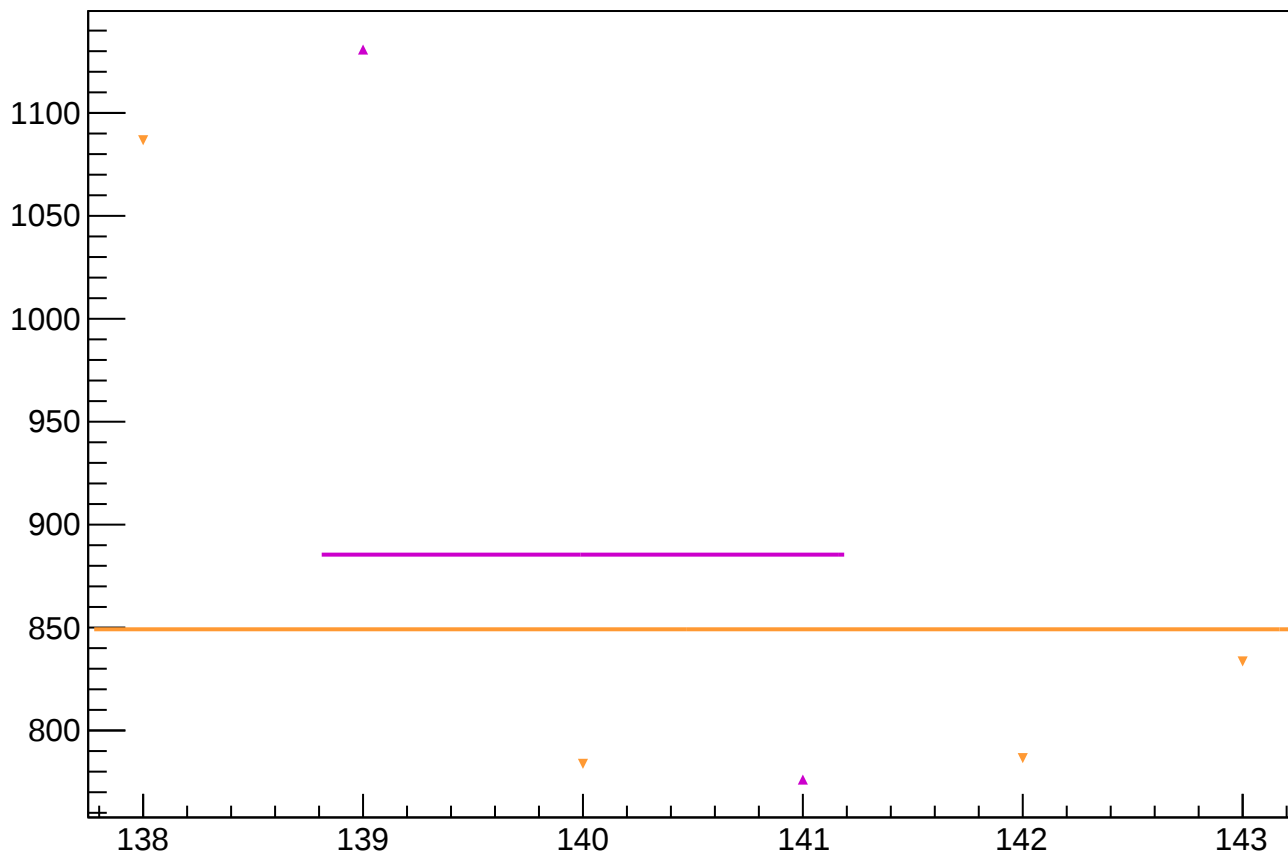
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

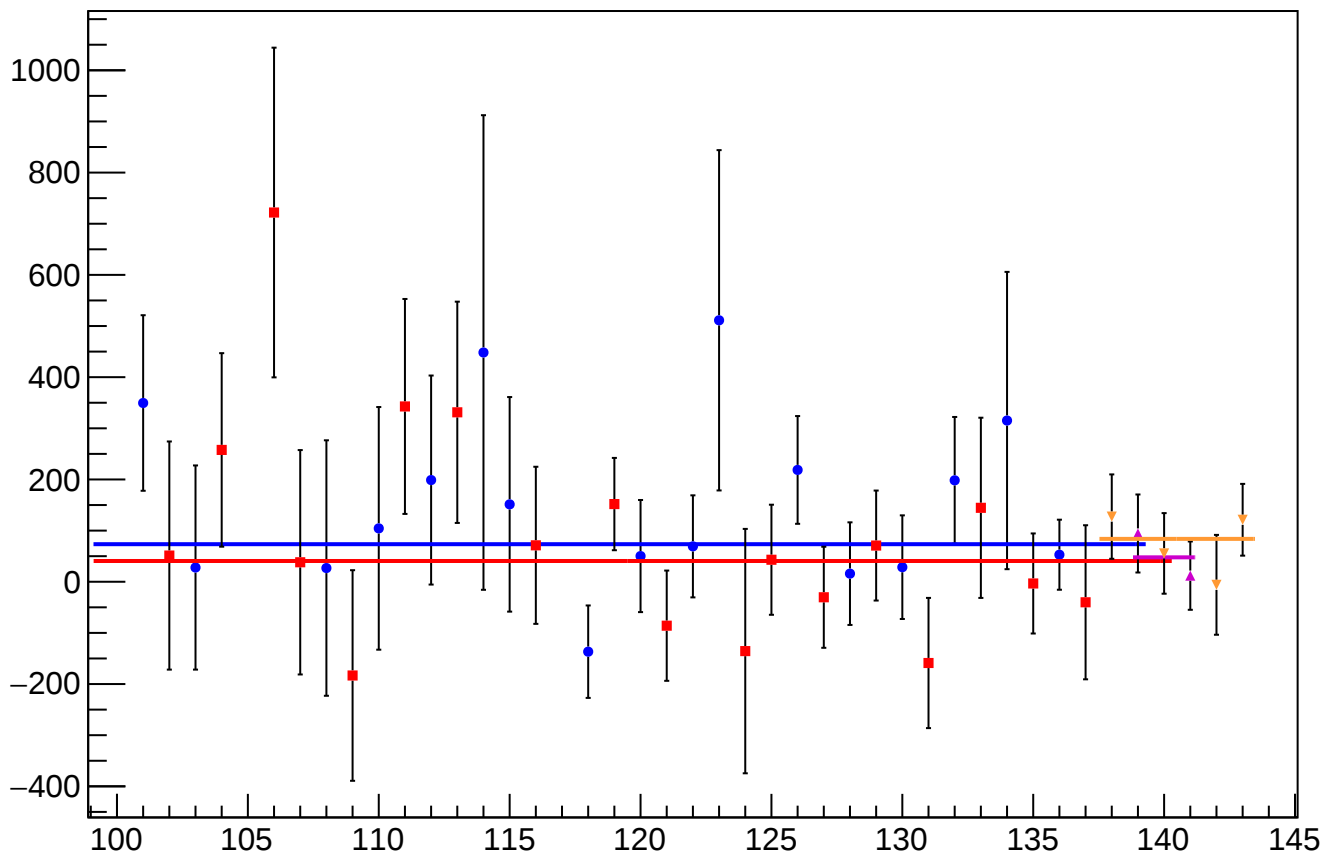
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

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

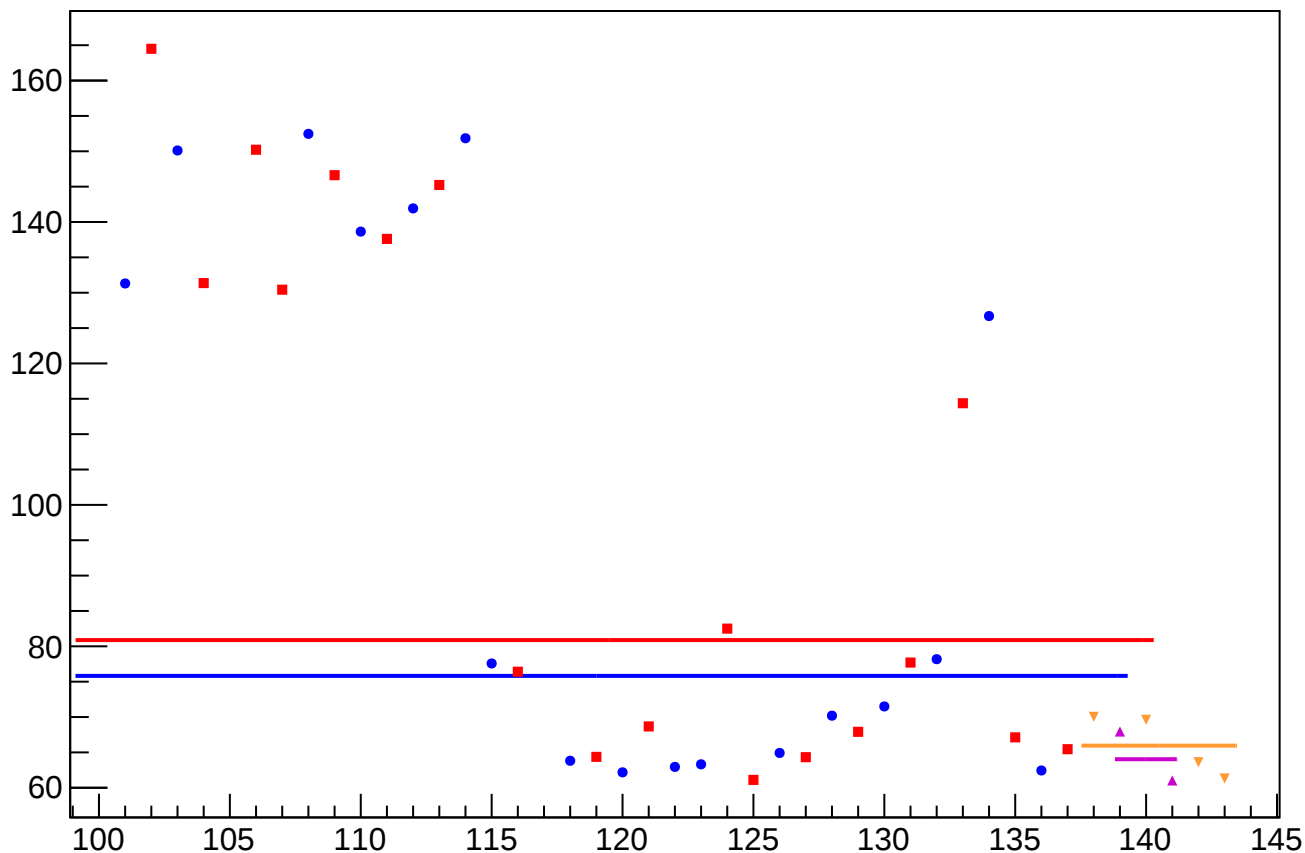
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 66.339 $\pm$ 26.421 χ^2 /NDF:16.1/18

Out: 57.796 $\pm$ 25.409 χ^2 /NDF:20.4/21

All: 61.900 $\pm$ 18.314 χ^2 /NDF: 36.6/40

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: 80.881 $\pm$ 0.023 χ^2/NDF : 1526044.5/17

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

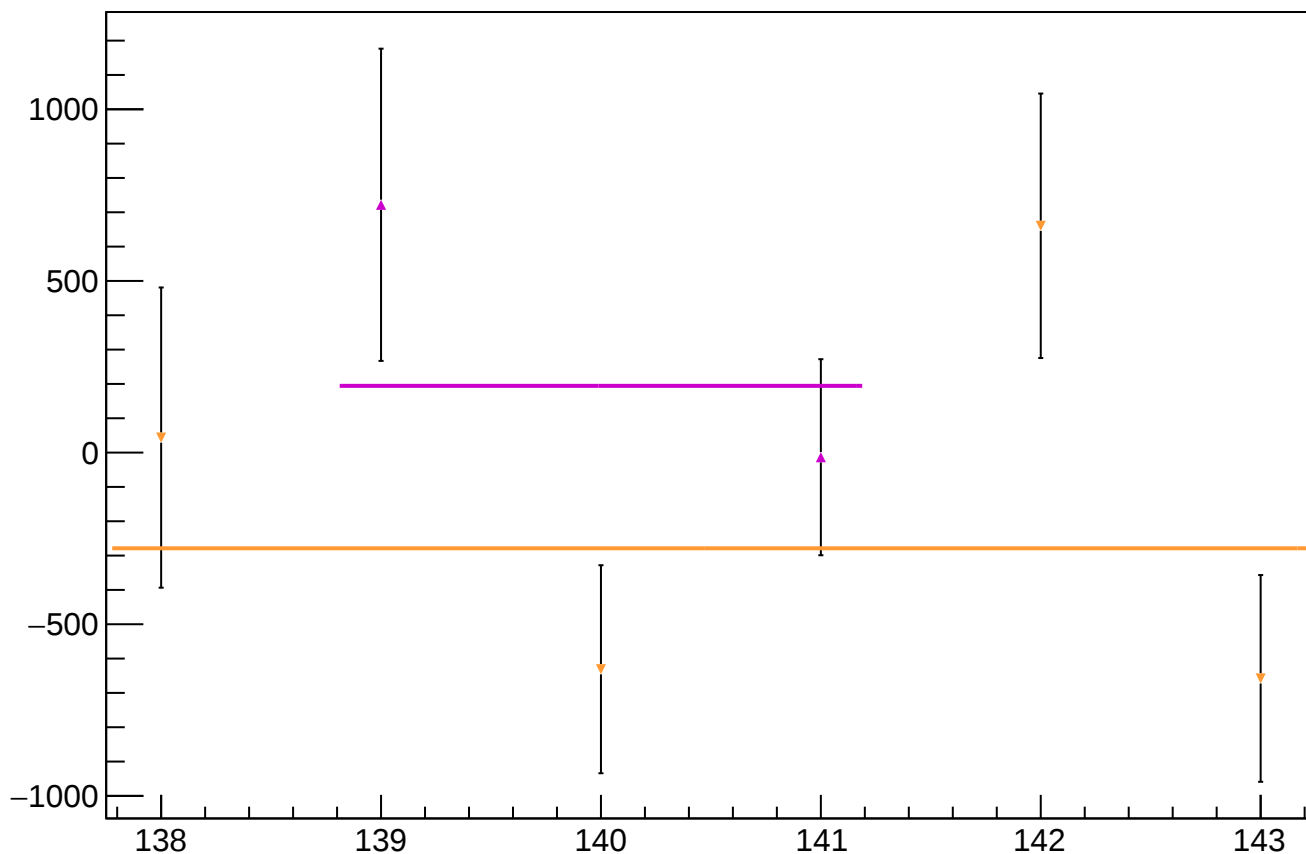
Right: 78.217 $\pm$ 0.016 χ^2/NDF : 2901160.0/34

In: 72.562 $\pm$ 0.019 χ^2/NDF :1438868.3/18

Out: 74.942 $\pm$ 0.018 χ^2/NDF :1710501.4/21

All: 73.799 $\pm$ 0.013 χ^2/NDF : 3157803.3/40

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

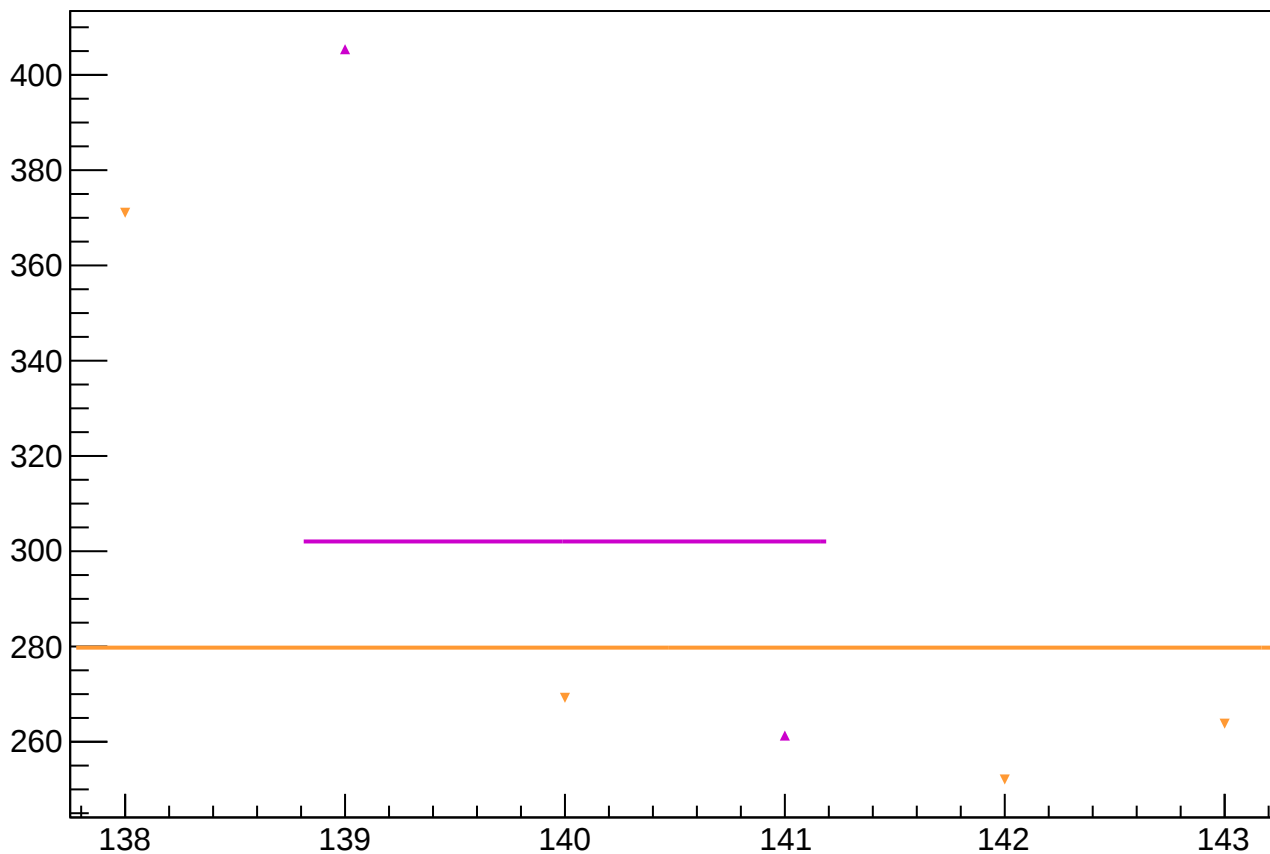
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

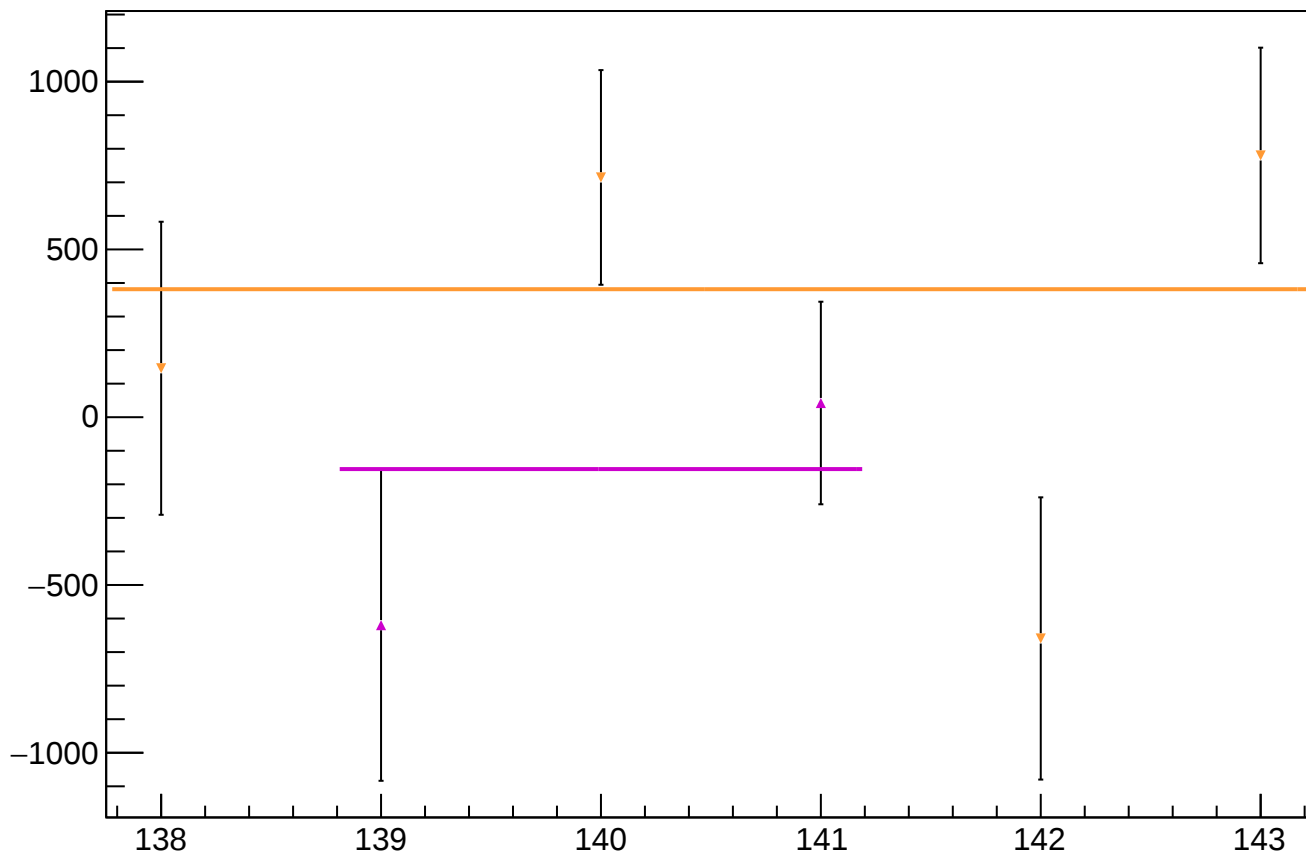
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

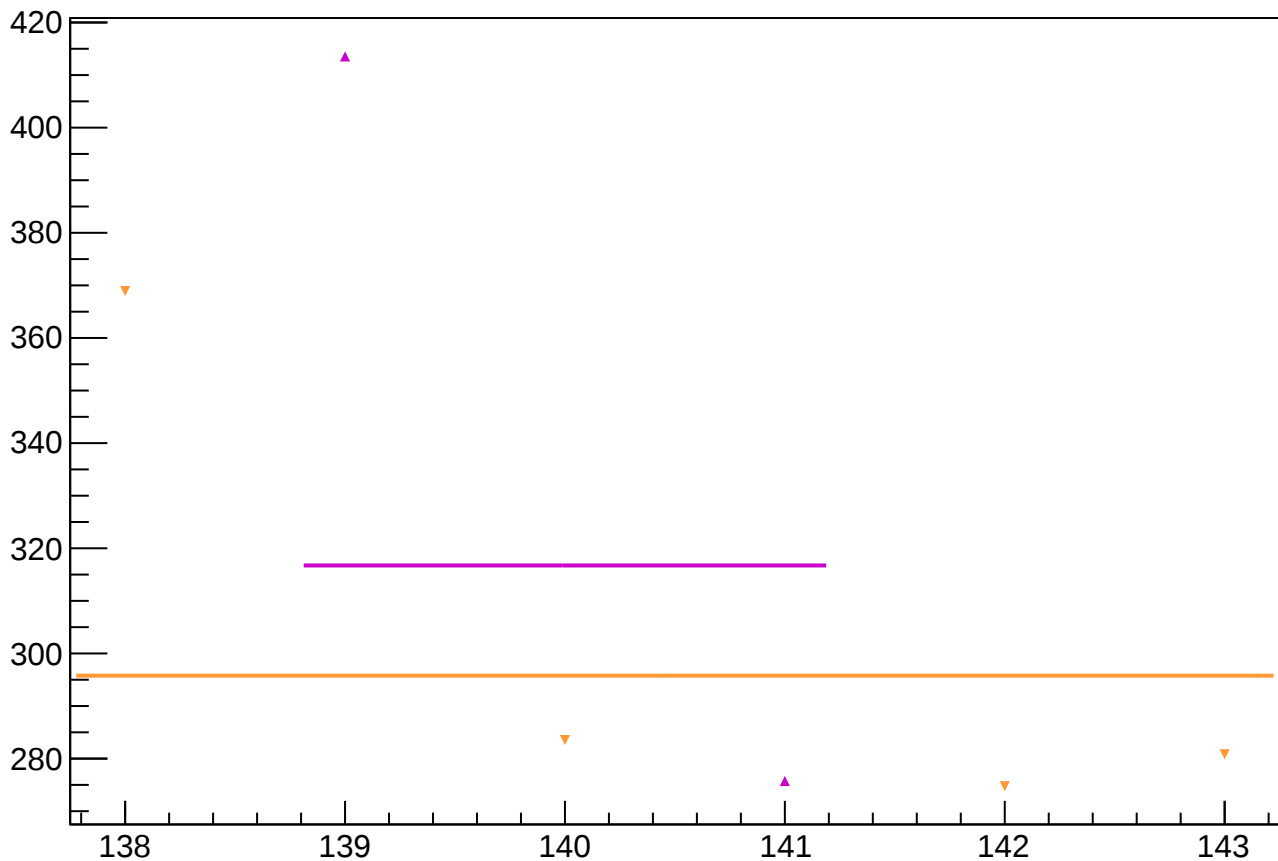
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

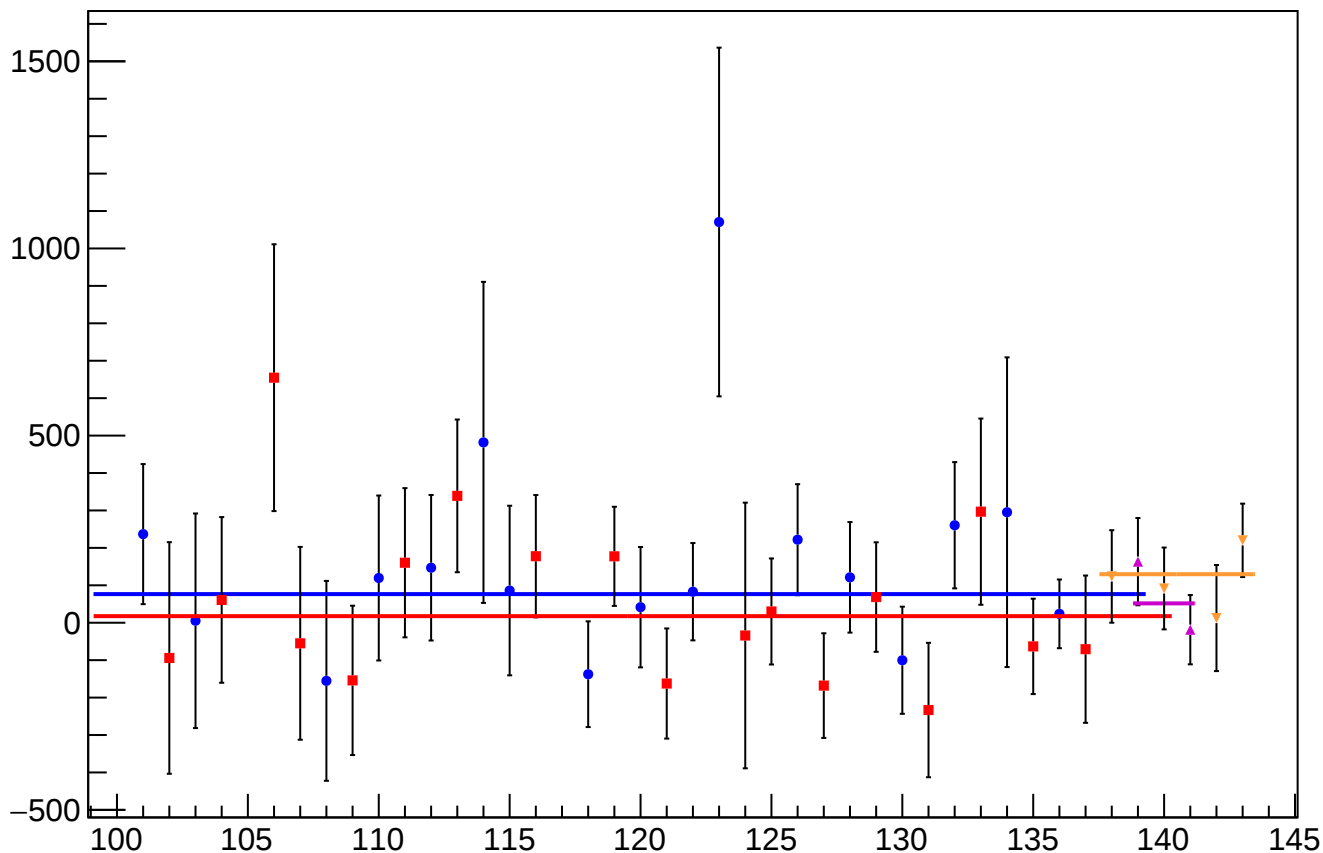
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-41.558 χ^2/NDF : 13.9/16

Left Out: 129.632+/-57.460 χ^2/NDF : 1.7/3

Right Out: 17.605+/-42.297 χ^2/NDF : 16.8/17

Left In: 51.712+/-72.495 χ^2/NDF : 1.5/1

Left: 99.568+/-45.031 χ^2/NDF : 3.9/5

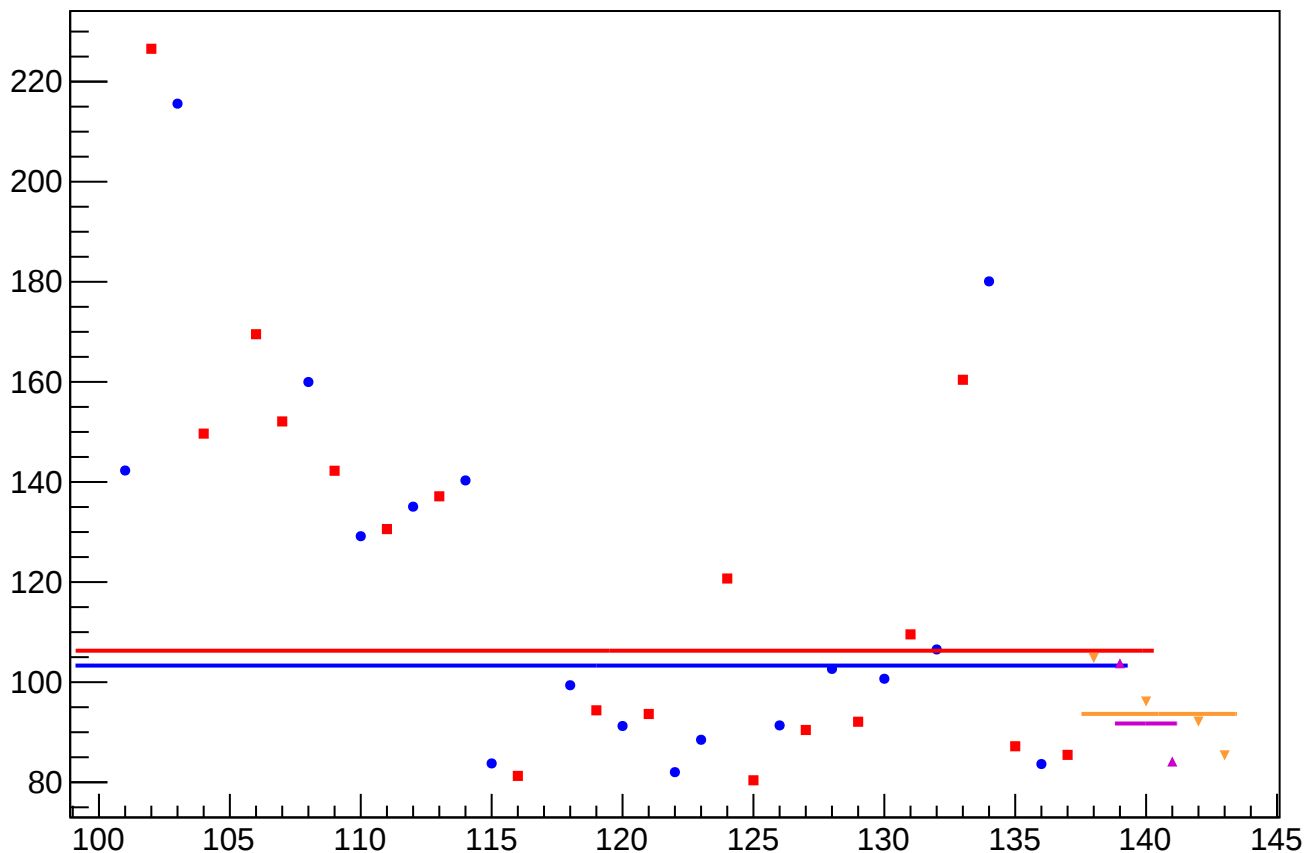
Right: 47.573+/-29.644 χ^2/NDF : 31.7/34

In: 70.371+/-36.054 χ^2/NDF : 15.5/18

Out: 56.975+/-34.063 χ^2/NDF : 20.9/21

All: 63.293+/-24.760 χ^2/NDF : 36.5/40

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: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

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

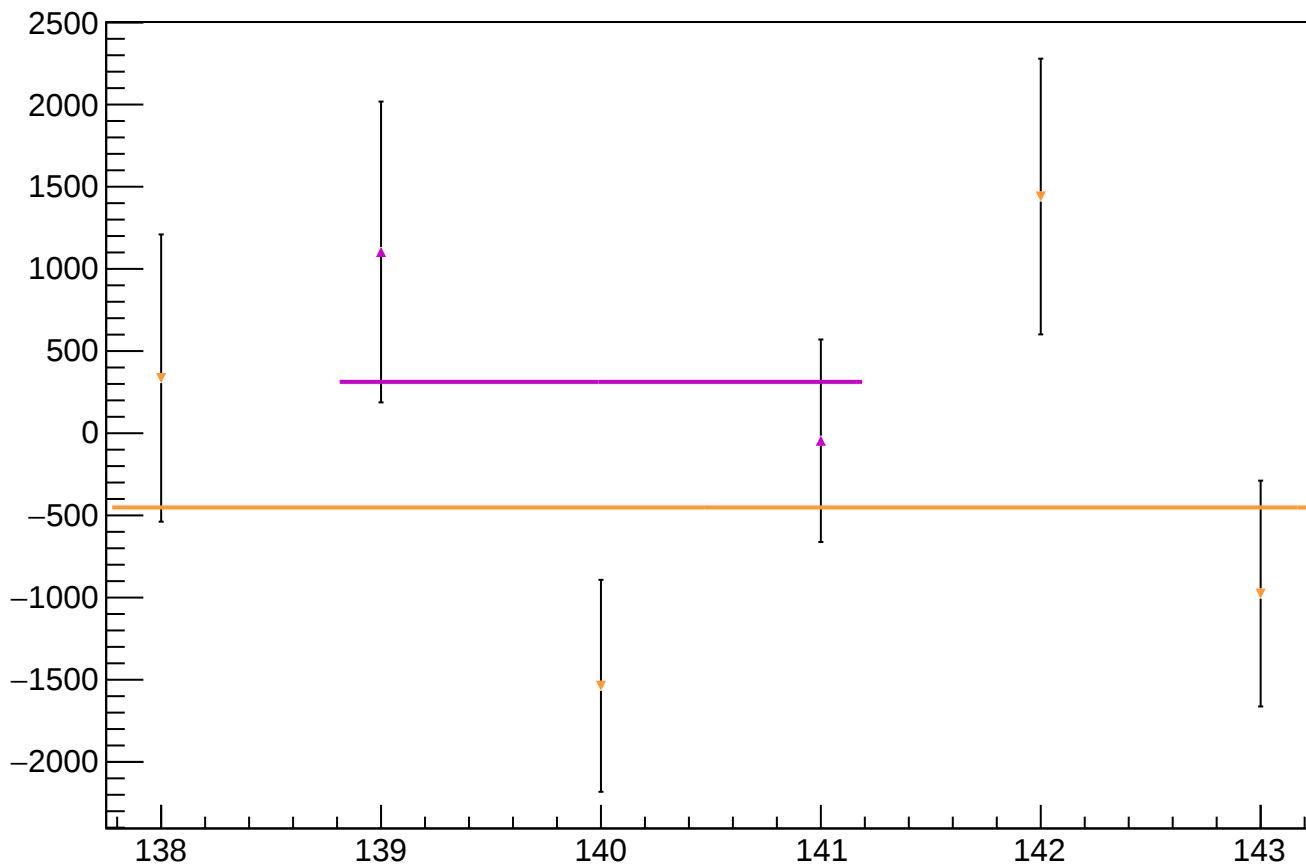
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 100.455 $\pm$ 0.025 χ^2 /NDF: 910959.6/18

Out: 101.851 $\pm$ 0.024 χ^2 /NDF: 1095173.9/21

All: 101.193 $\pm$ 0.018 χ^2 /NDF: 2007717.4/40

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

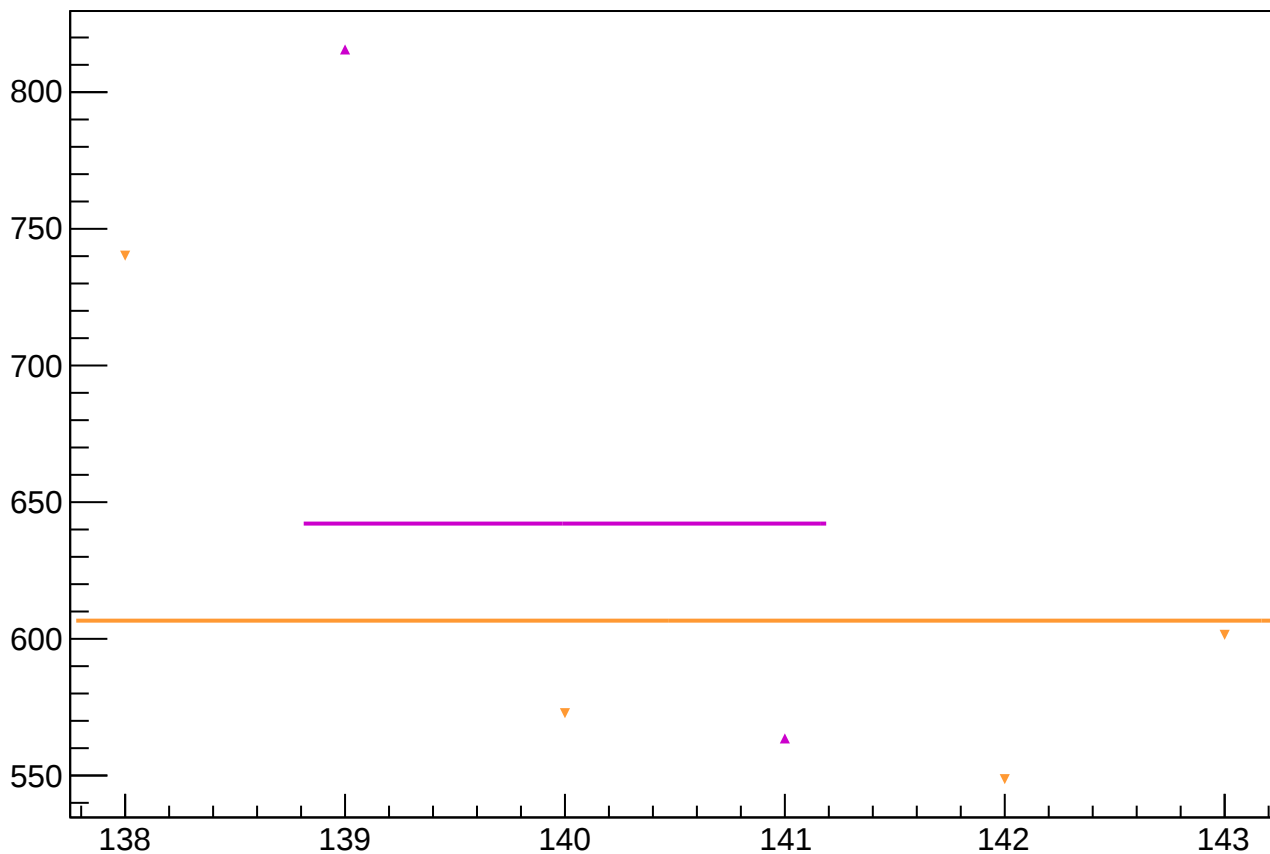
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

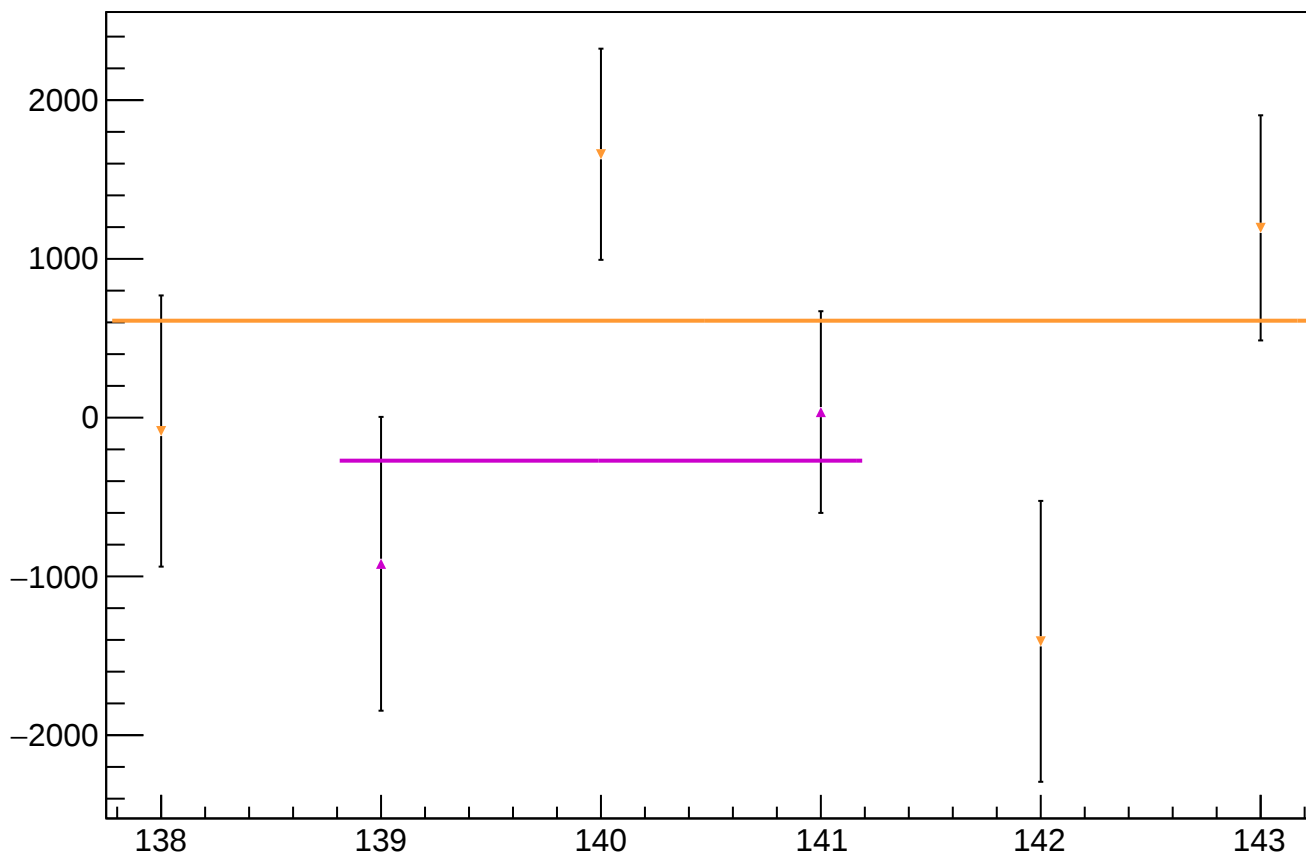
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

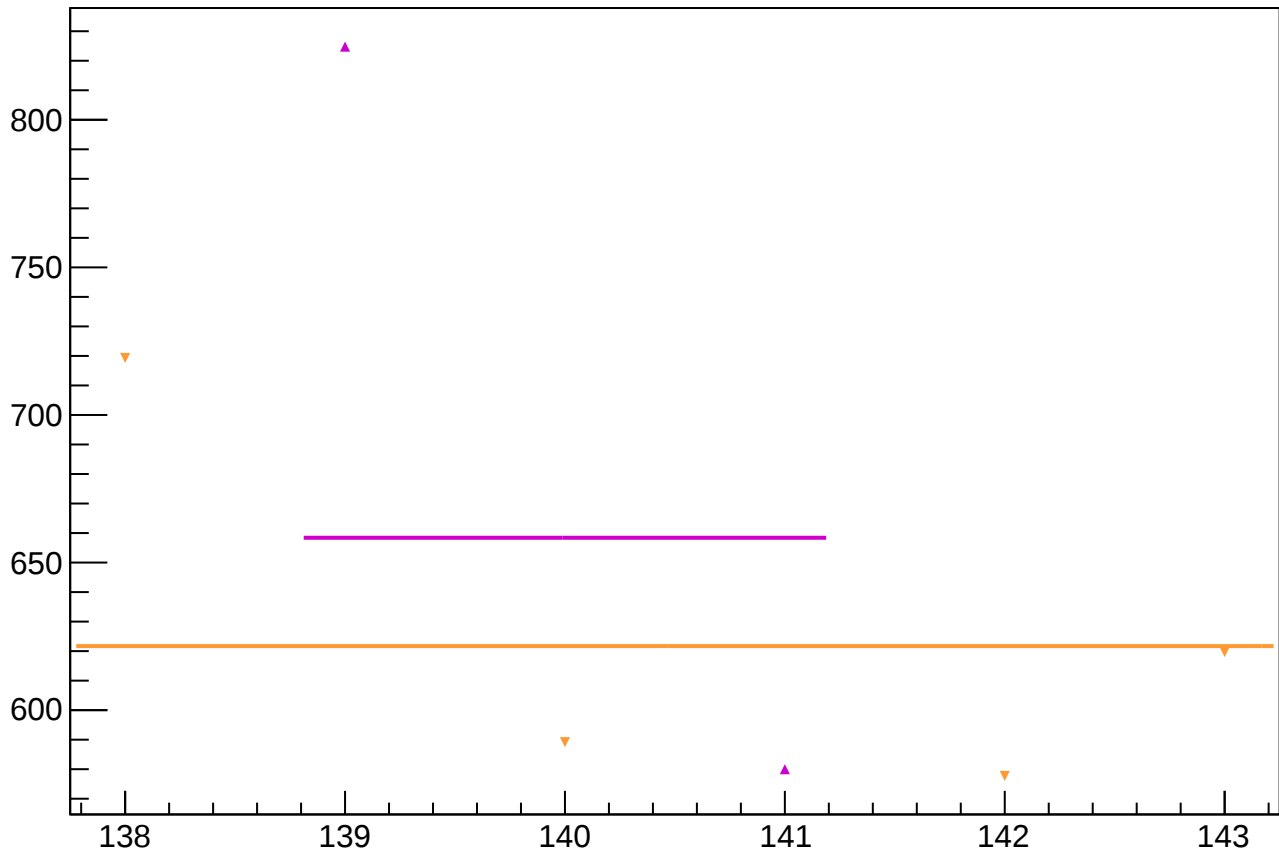
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

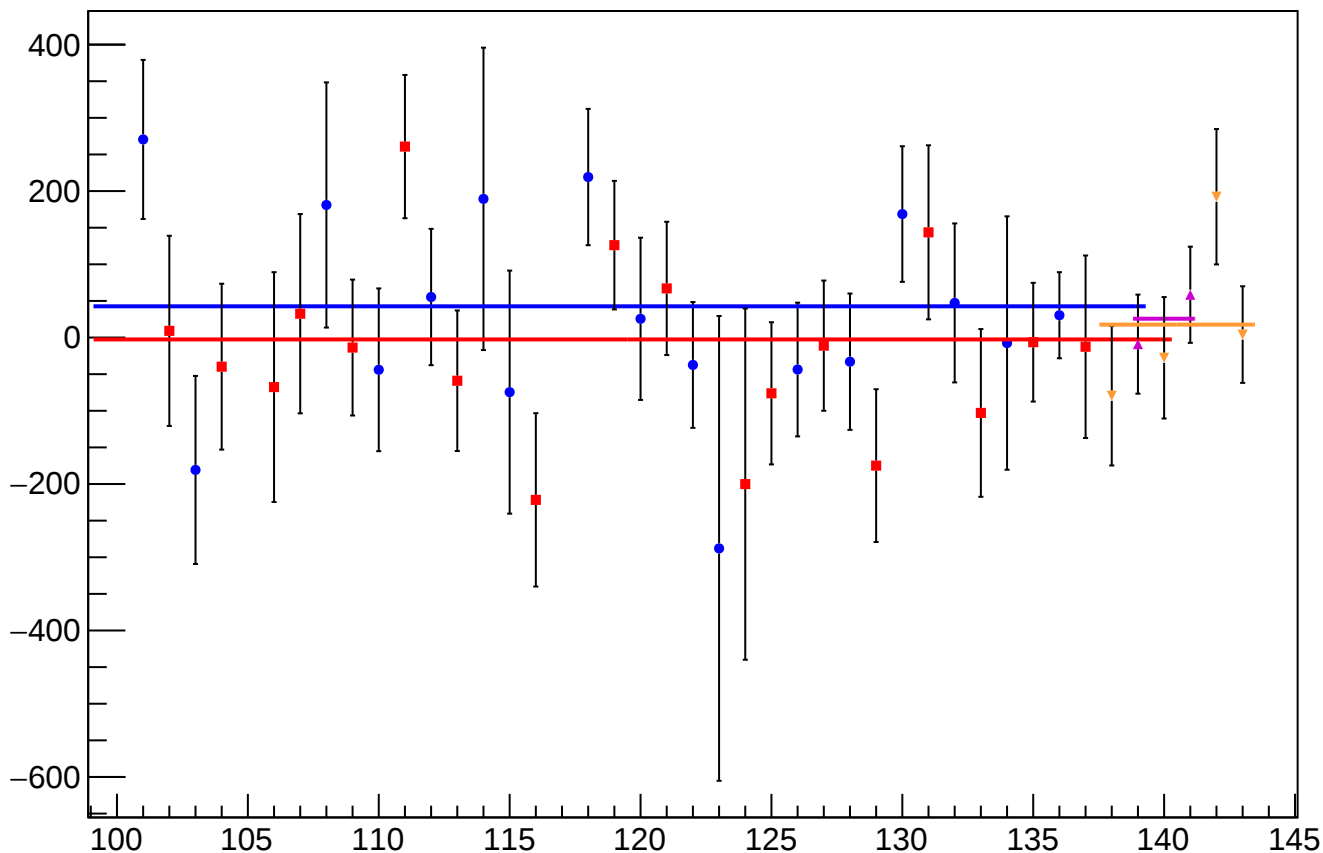
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

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

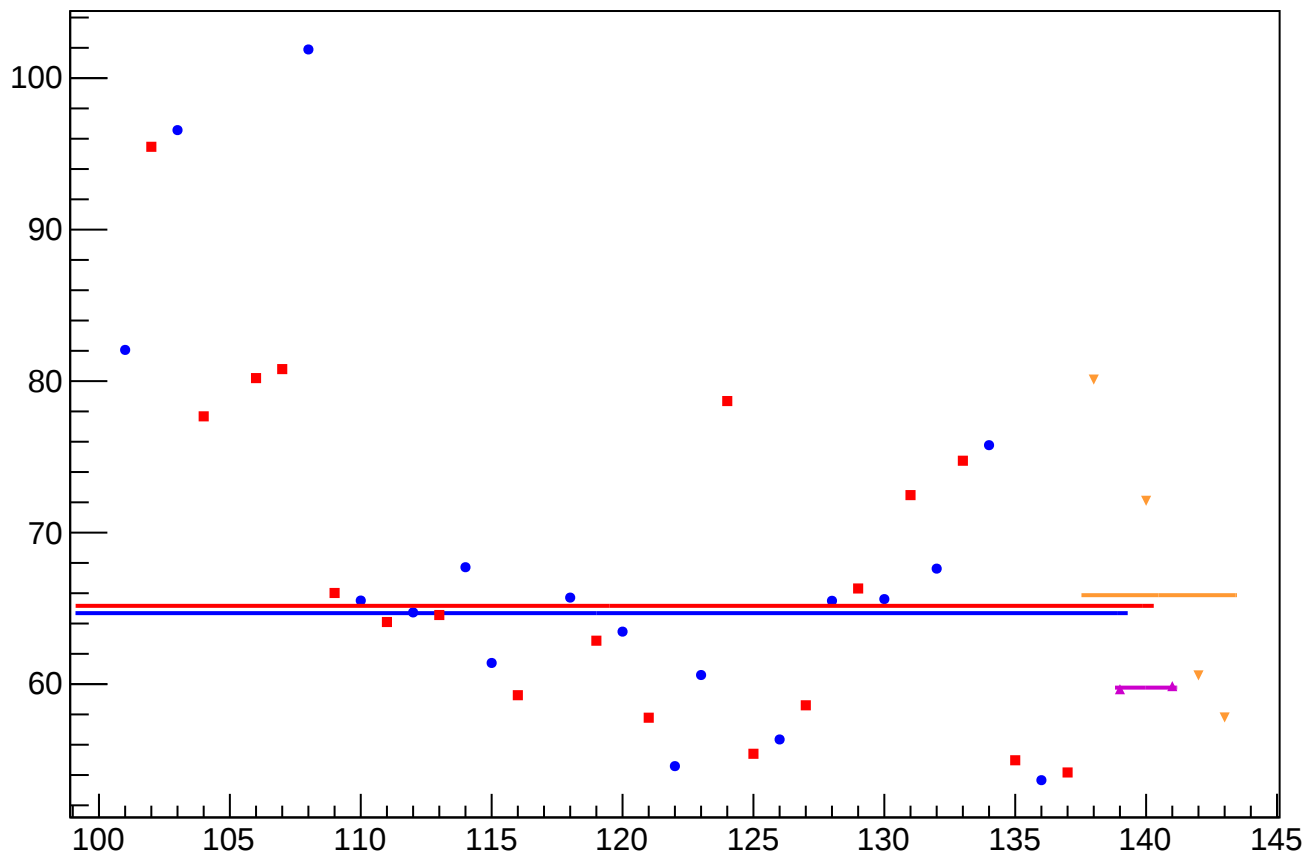
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 38.817 $\pm$ 22.415 χ^2 /NDF: 19.5/18

Out: 2.995 $\pm$ 21.361 χ^2 /NDF: 25.5/21

All: 20.045 $\pm$ 15.464 χ^2 /NDF: 46.3/40

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 65.871 $\pm$ 0.029 χ^2 /NDF: 92474.2/3

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

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

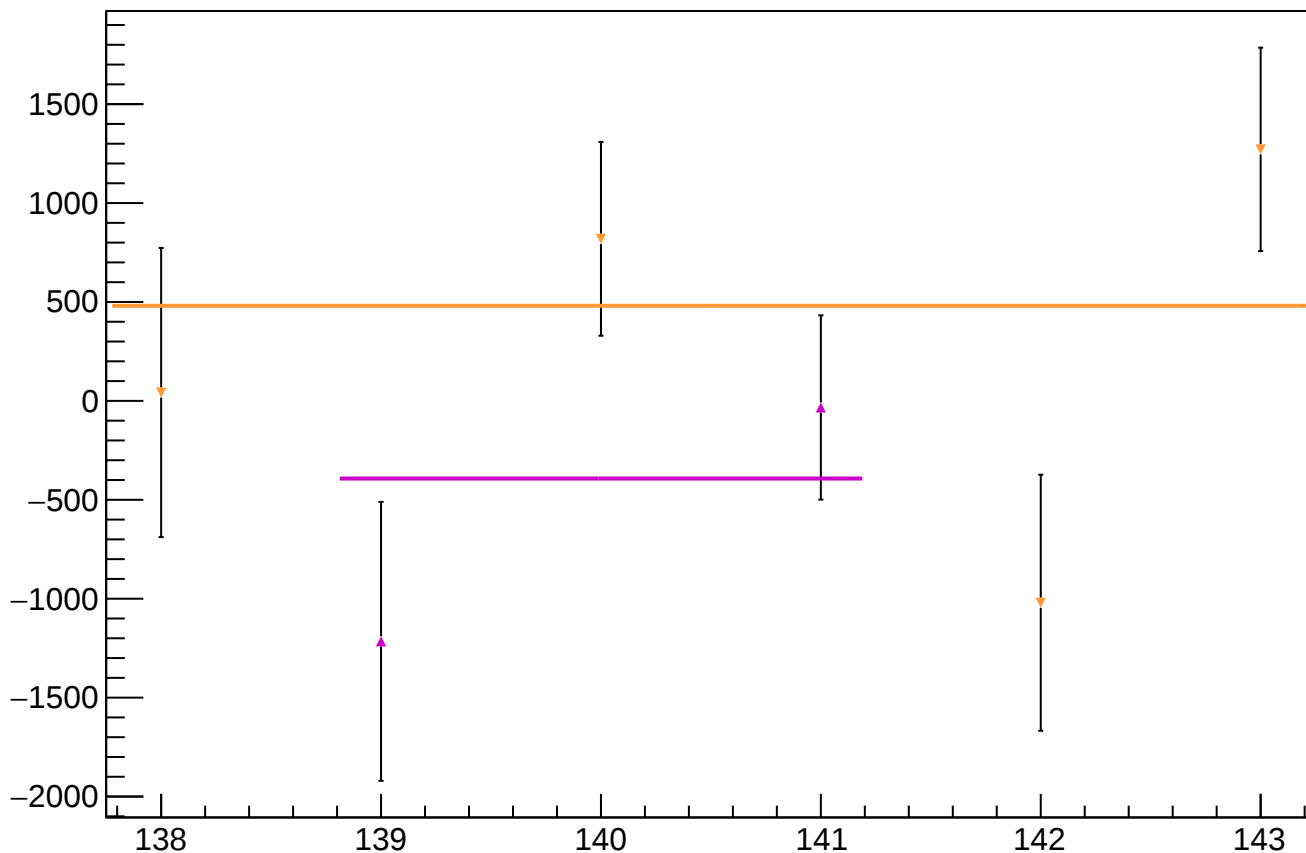
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 63.572 $\pm$ 0.016 χ^2 /NDF: 417052.1/18

Out: 65.361 $\pm$ 0.015 χ^2 /NDF: 397487.8/21

All: 64.509 $\pm$ 0.011 χ^2 /NDF: 821215.0/40

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

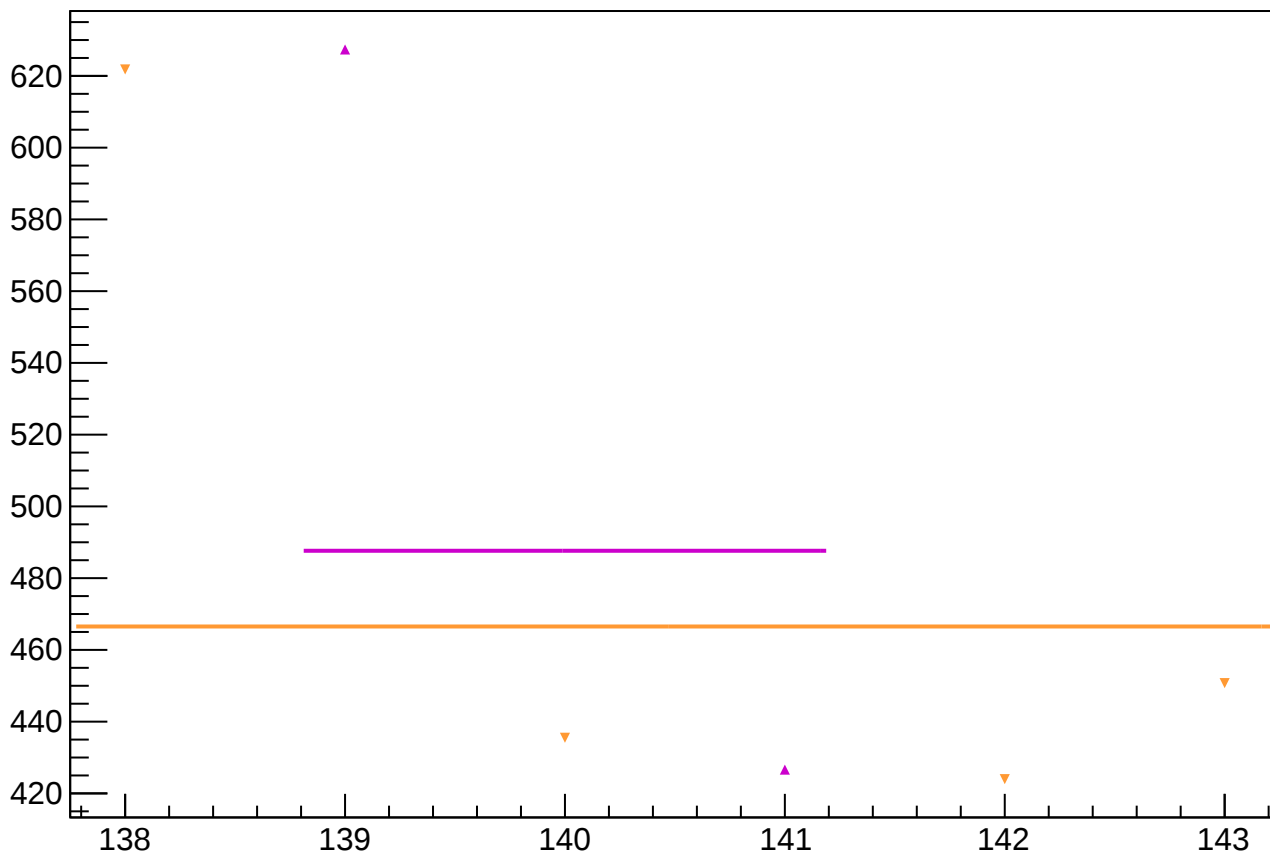
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

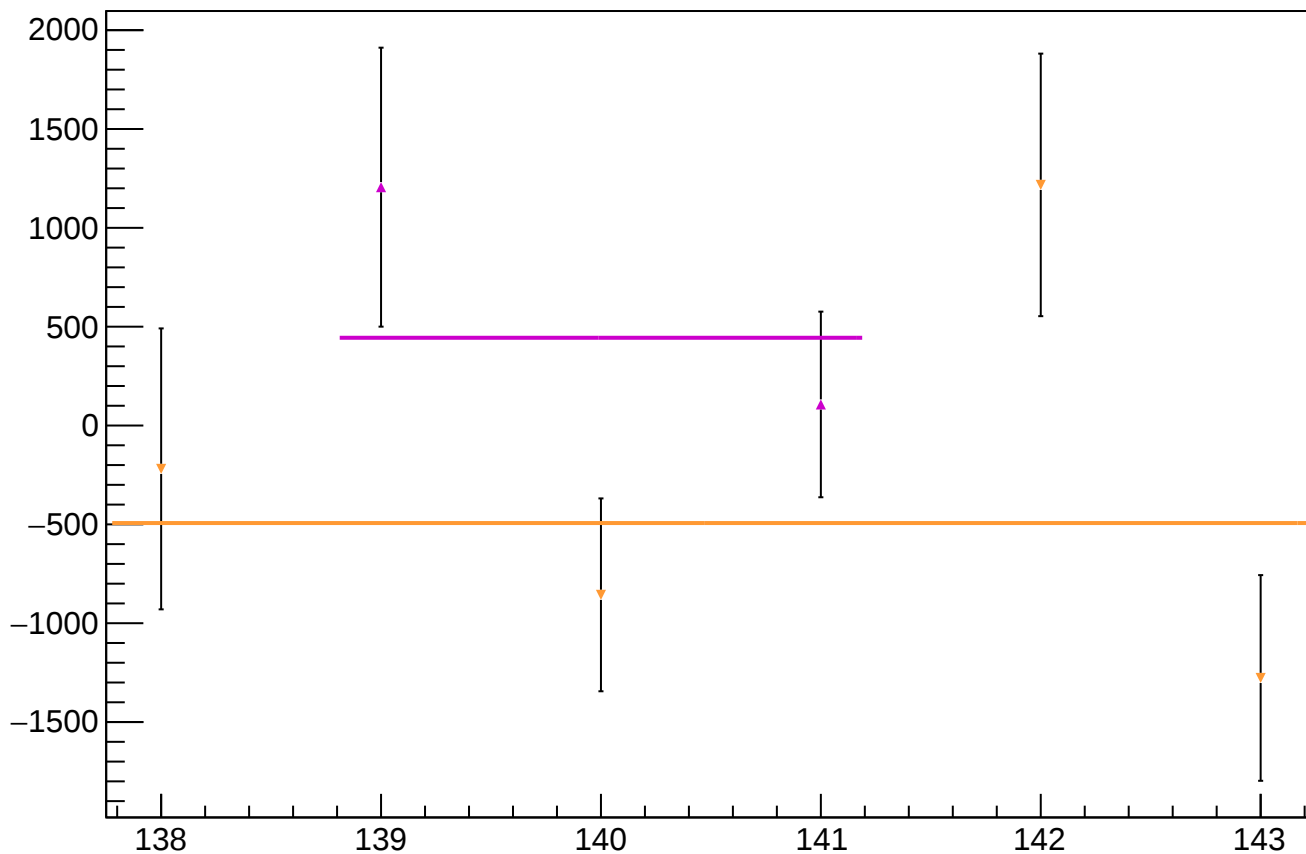
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

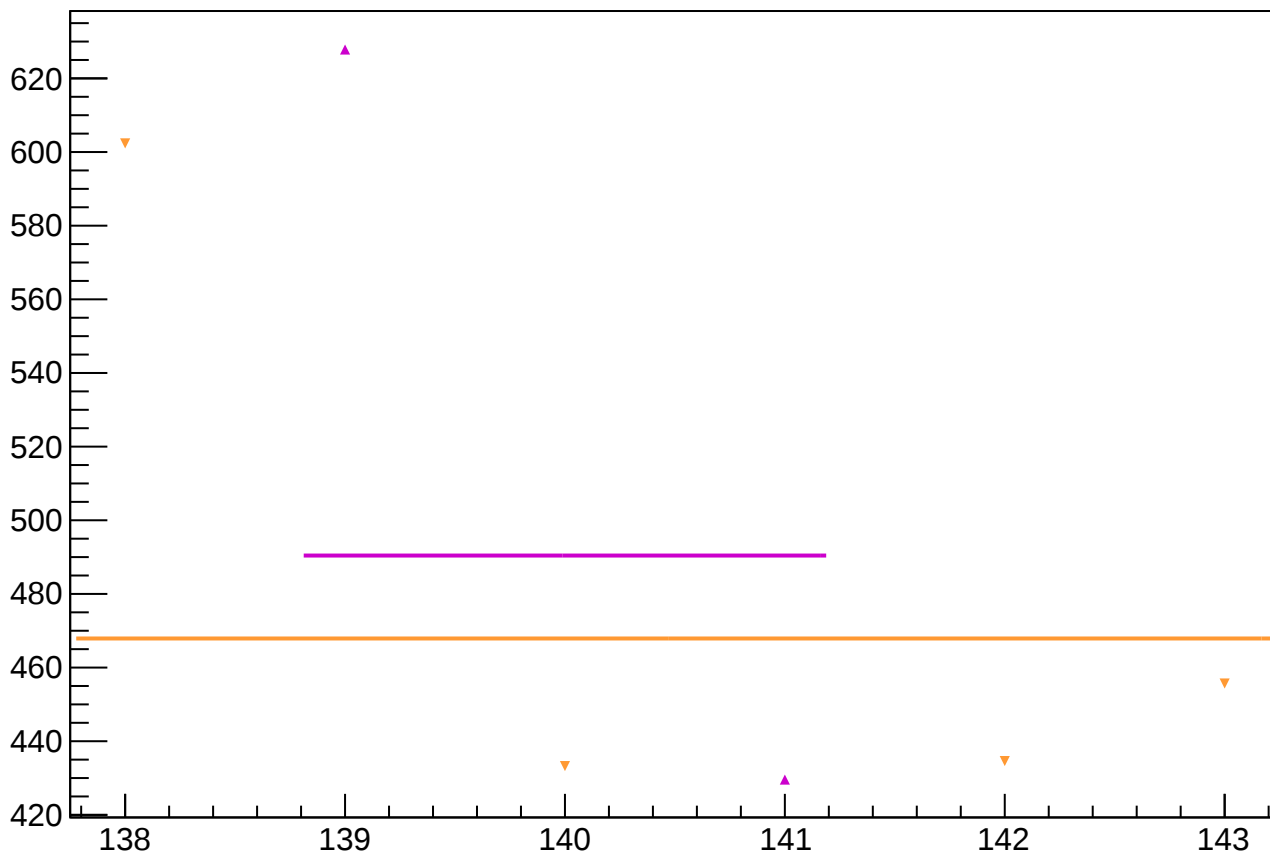
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

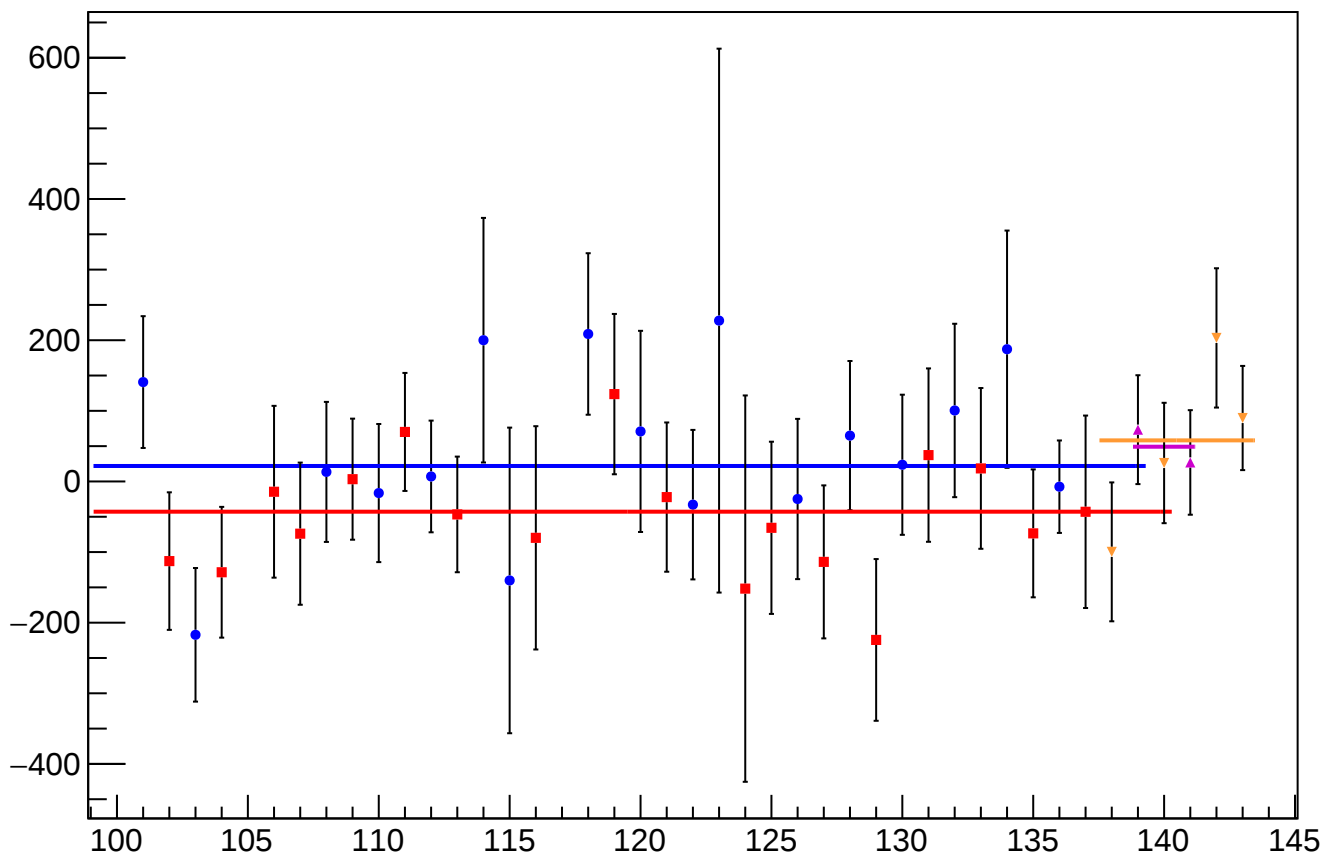
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

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

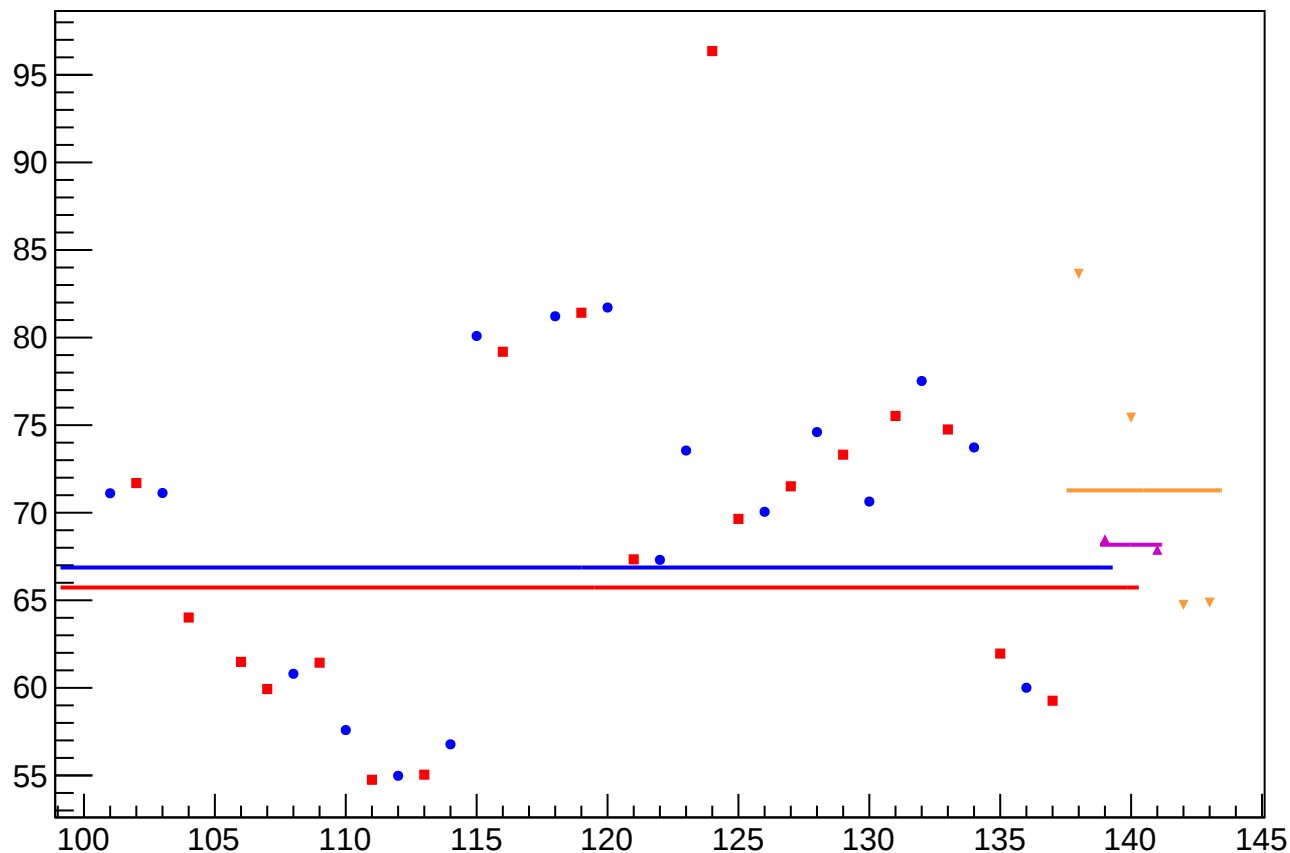
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 27.155 $\pm$ 23.416 χ^2 /NDF: 15.5/18

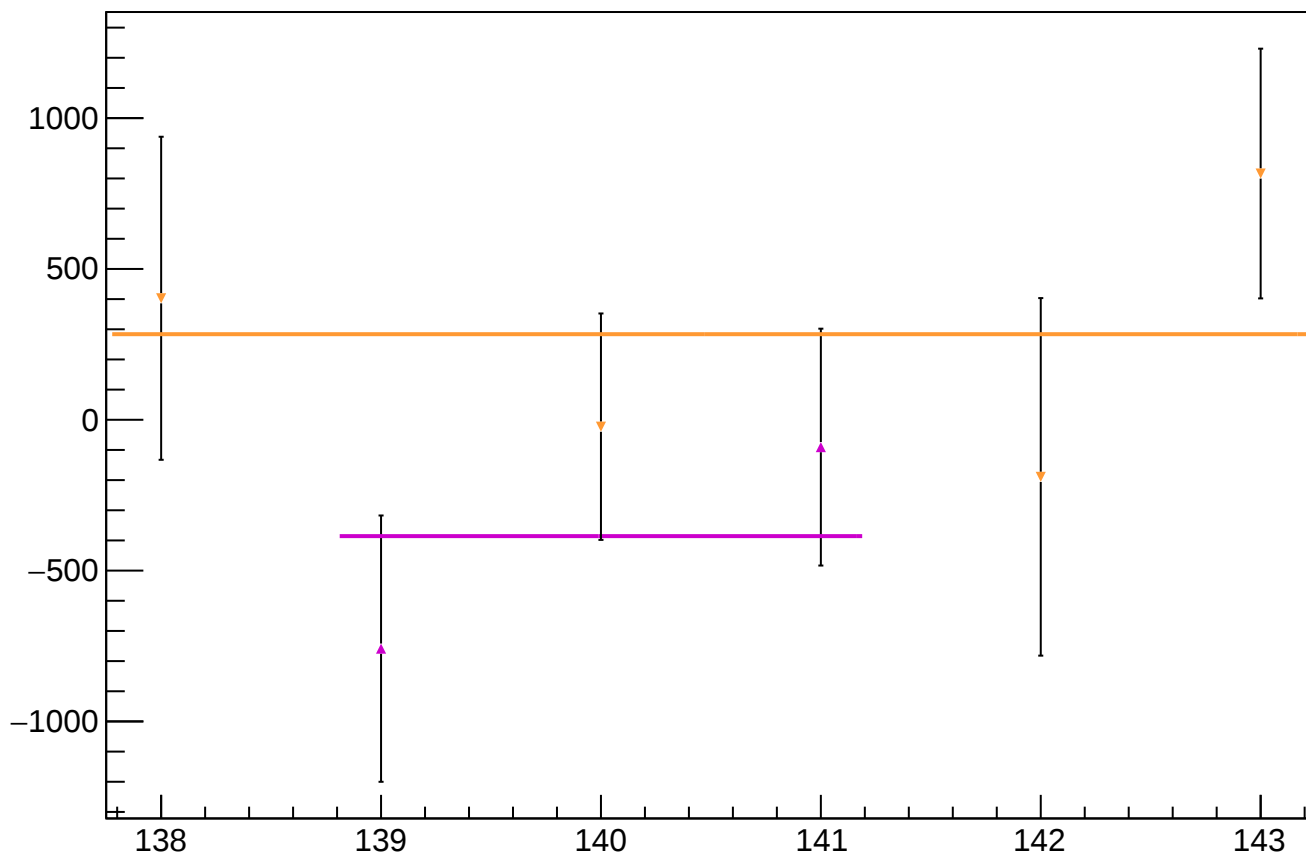
Out: -17.602 $\pm$ 21.756 χ^2 /NDF: 19.0/21

All: 3.133 $\pm$ 15.938 χ^2 /NDF: 36.4/40

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 283.740+/-227.802 χ^2/NDF : 3.0/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -385.690+/-293.361 χ^2/NDF : 1.3/1

Left: 31.923+/-179.925 χ^2/NDF : 7.5/5

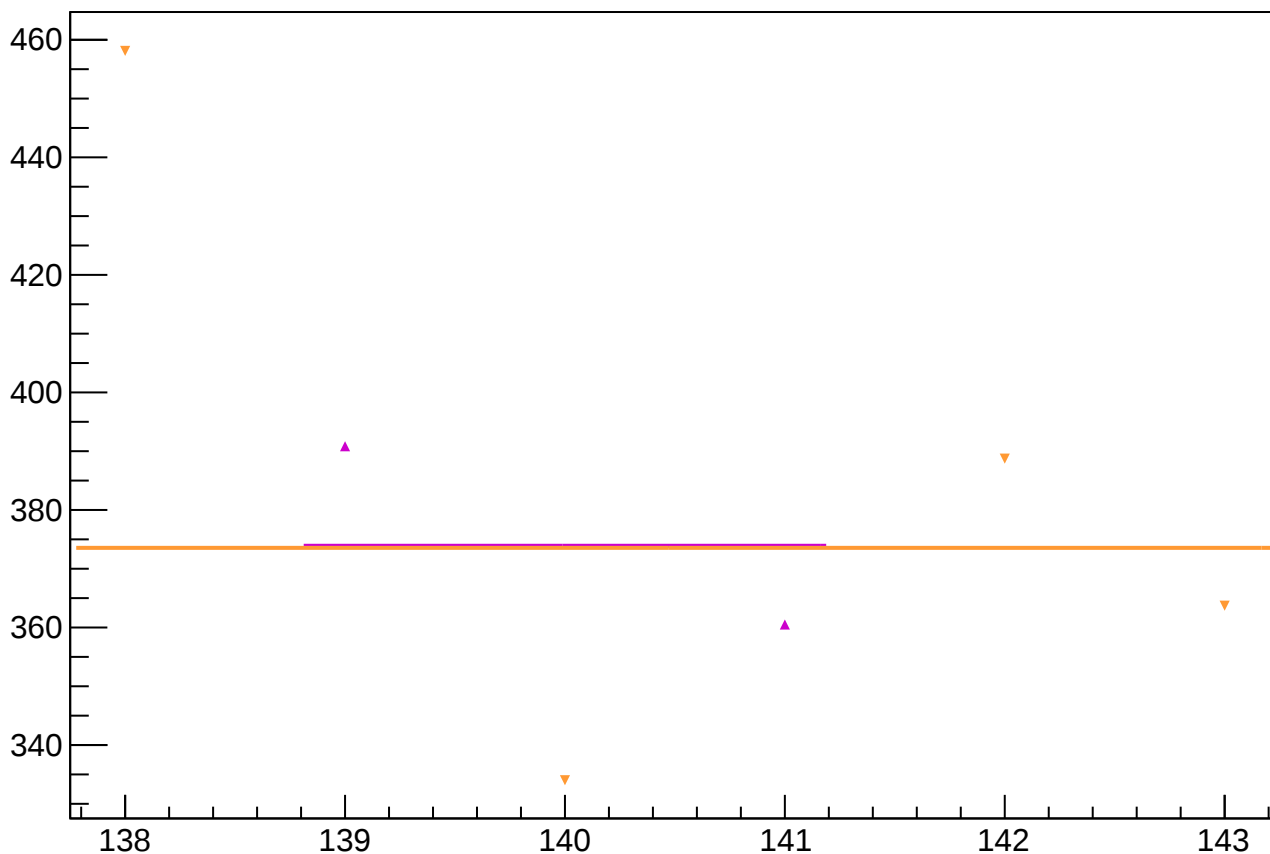
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -385.690+/-293.361 χ^2/NDF : 1.3/1

Out: 283.740+/-227.802 χ^2/NDF : 3.0/3

All: 31.923+/-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

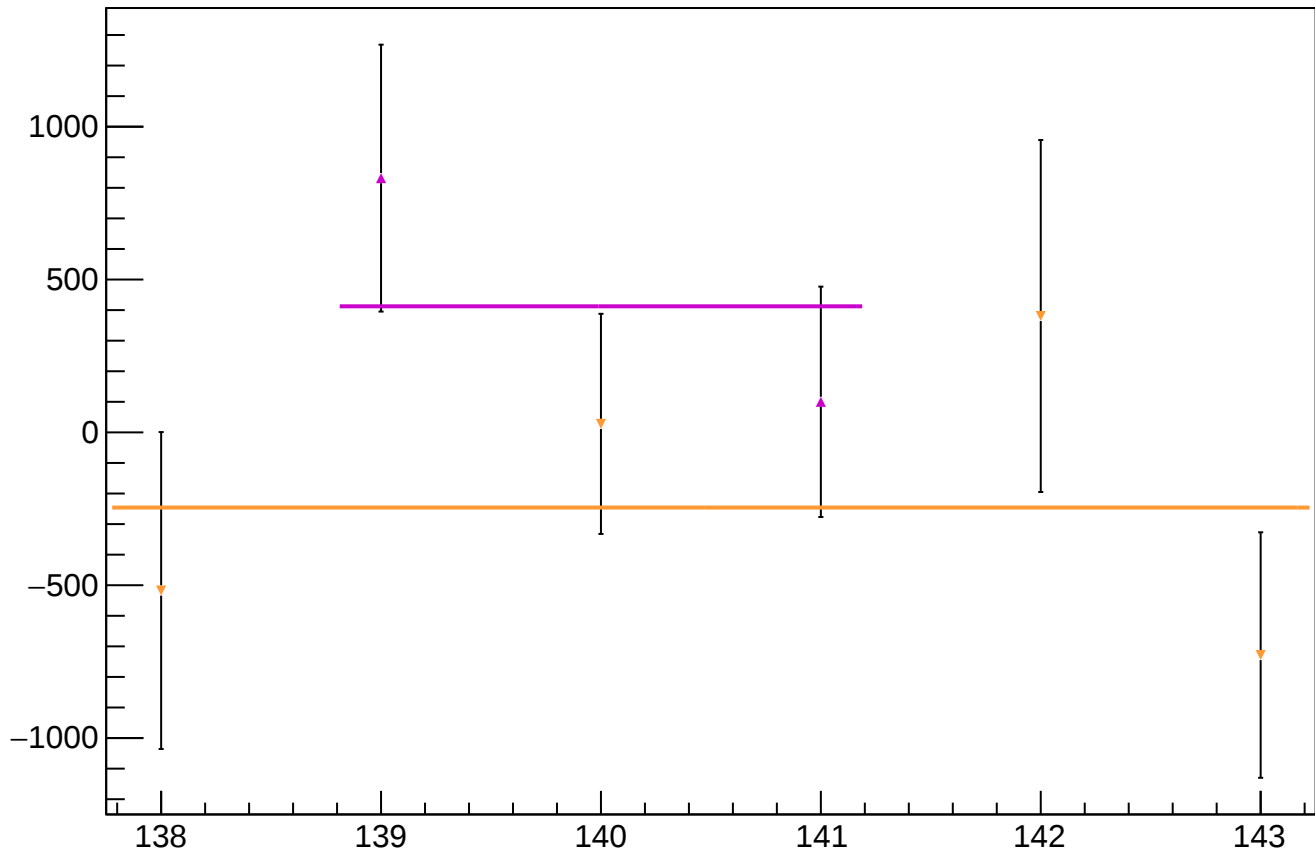
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

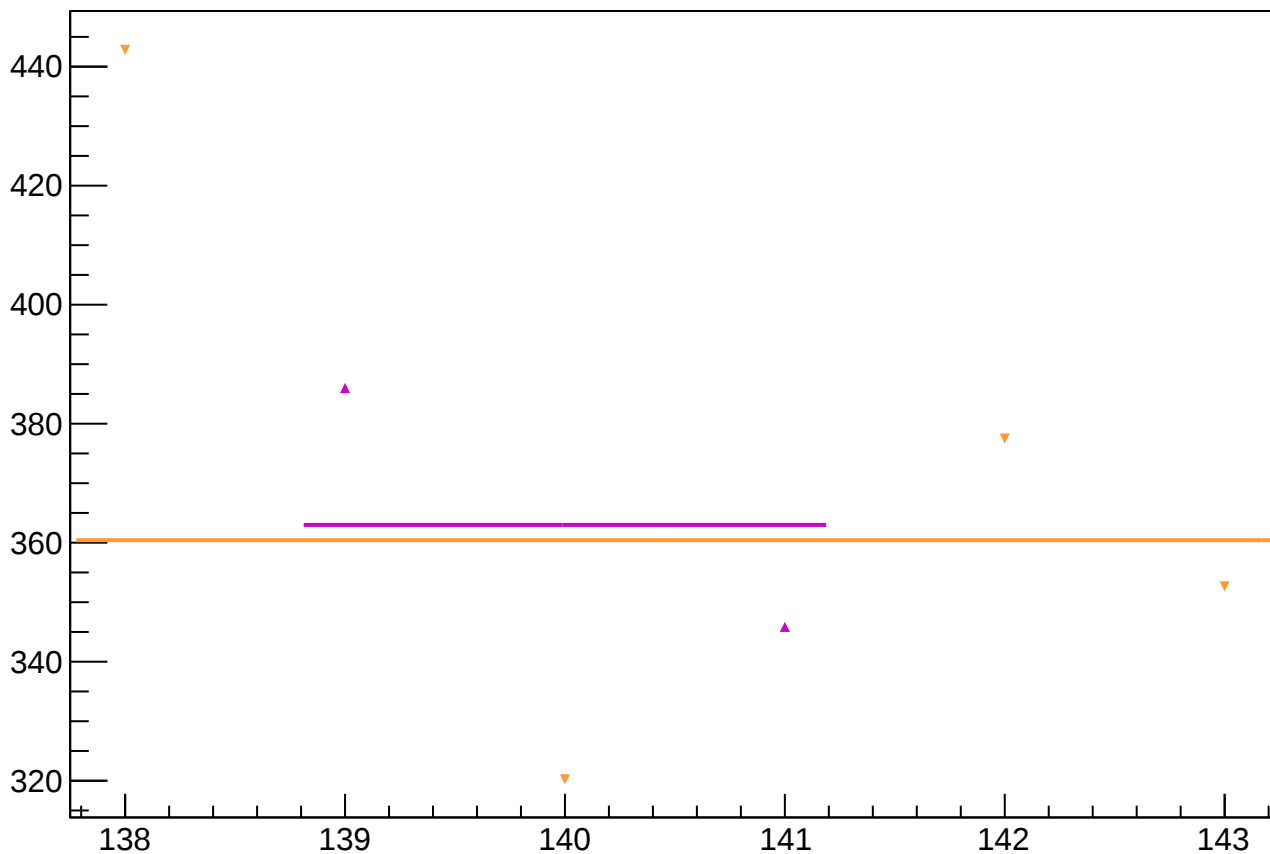
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

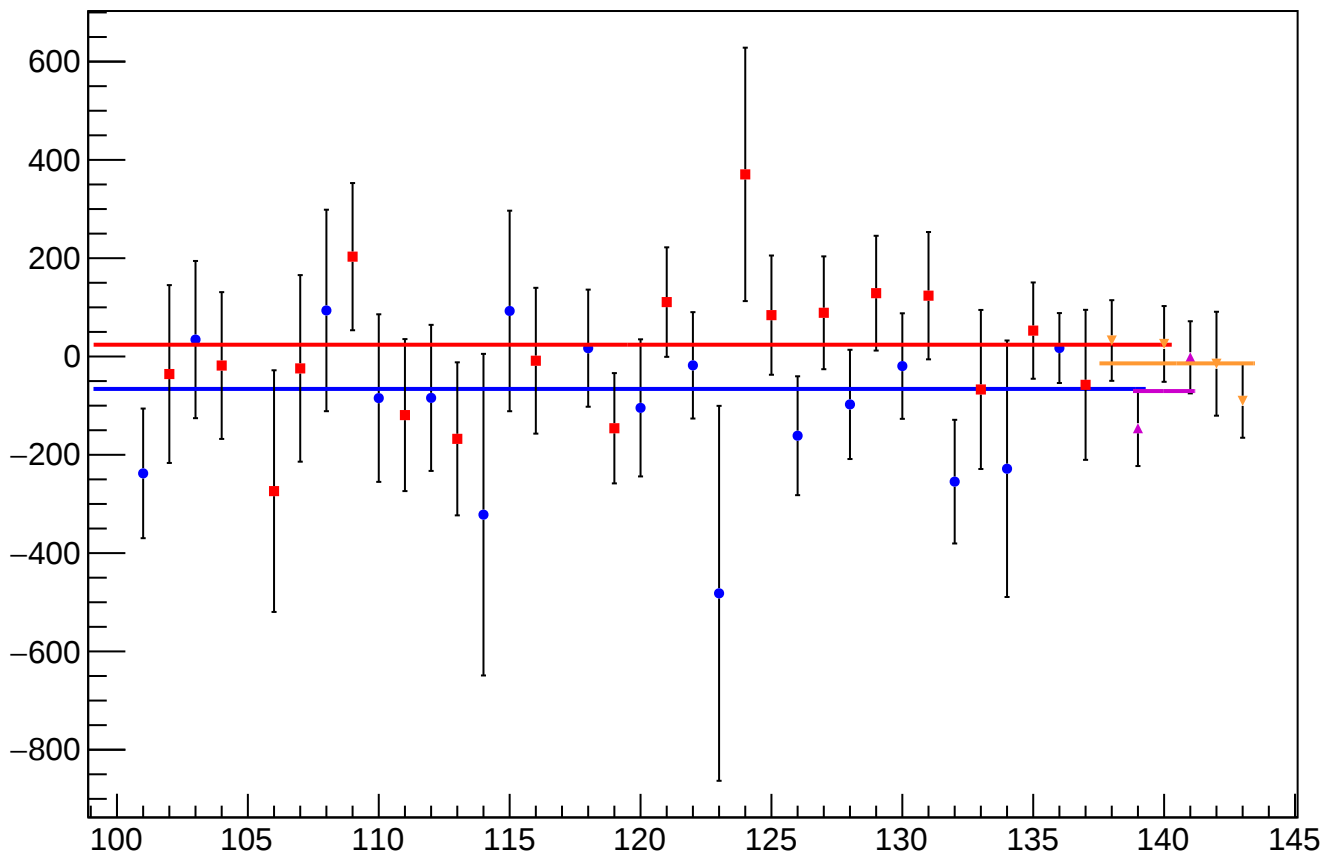
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -70.300 ± 53.115 χ^2/NDF : 1.8/1

Left: -35.266 ± 32.651 χ^2/NDF : 4.2/5

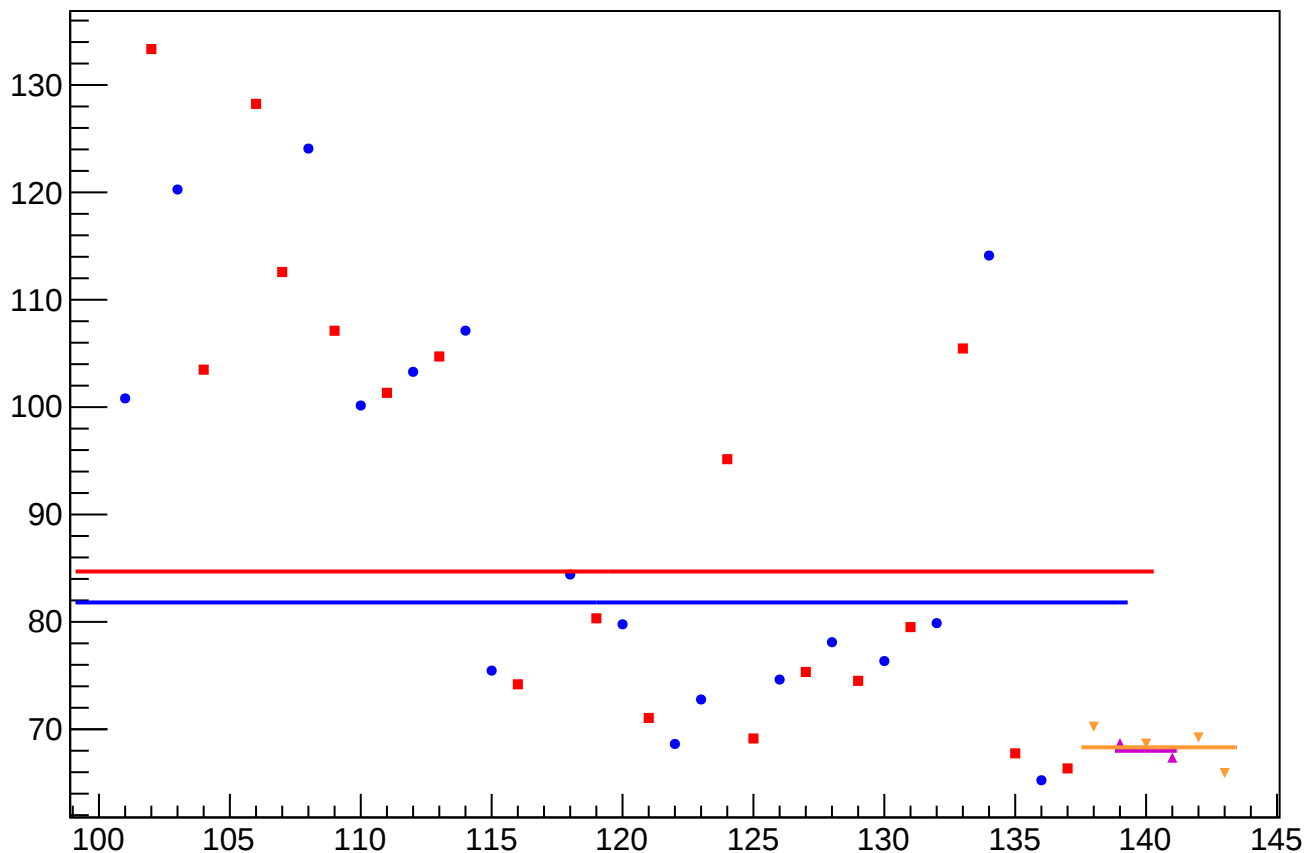
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -67.142 ± 27.591 χ^2/NDF : 12.6/18

Out: 9.343 ± 25.703 χ^2/NDF : 15.1/21

All: -26.194 ± 18.807 χ^2/NDF : 31.8/40

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 68.319+/-0.029 χ^2/NDF :3327.2/3

Right Out: 84.691+/-0.023 χ^2/NDF : 615927.4/17

Left In: 67.995+/-0.038 χ^2/NDF :318.9/1

Left: 68.196+/-0.023 χ^2/NDF : 3692.3/5

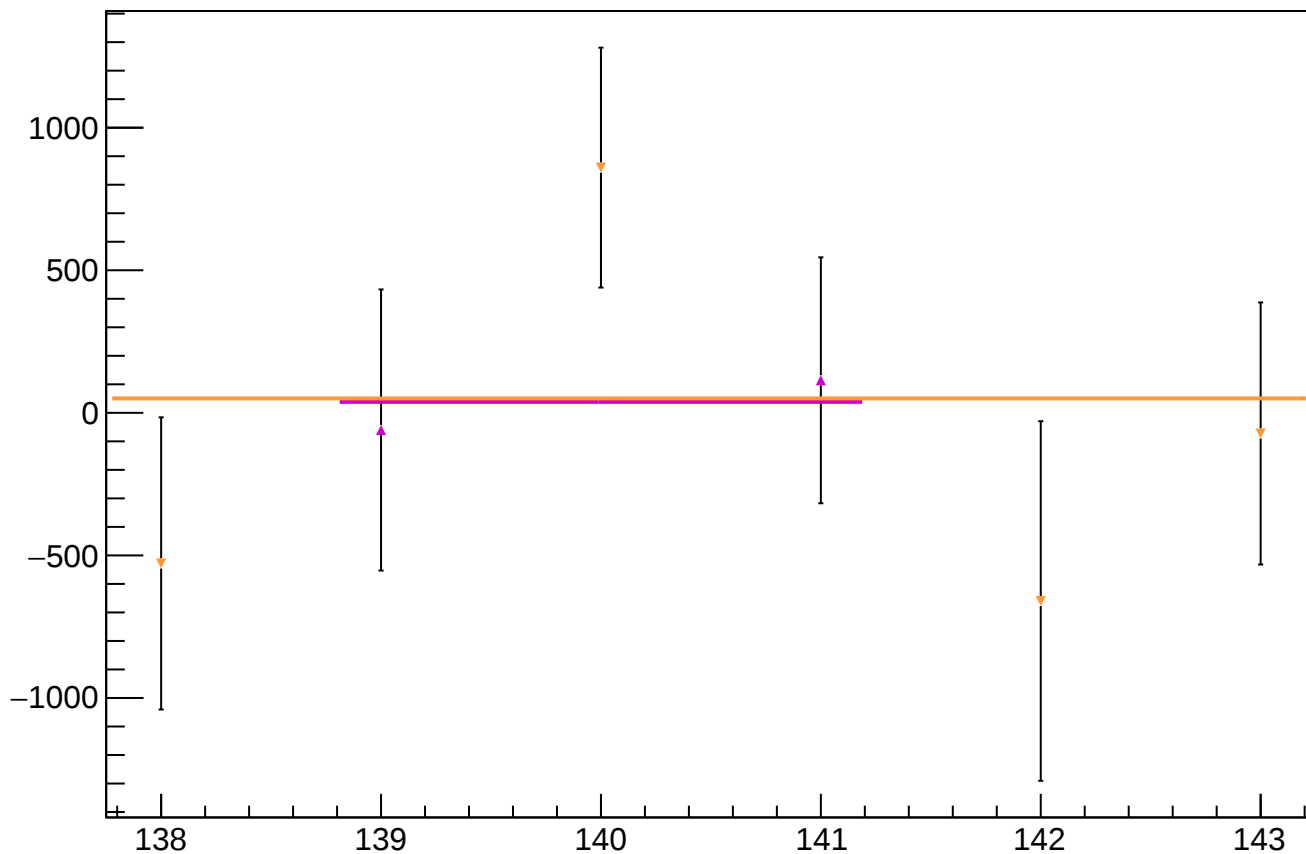
Right: 83.228+/-0.016 χ^2/NDF : 1130968.2/34

In: 78.081+/-0.020 χ^2/NDF :606286.5/18

Out: 78.379+/-0.018 χ^2/NDF :811488.7/21

All: 78.241+/-0.013 χ^2/NDF : 1417899.7/40

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 50.609+/-244.624 χ^2/NDF : 6.3/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 38.594+/-324.551 χ^2/NDF : 0.1/1

Left: 46.257+/-195.349 χ^2/NDF : 6.4/5

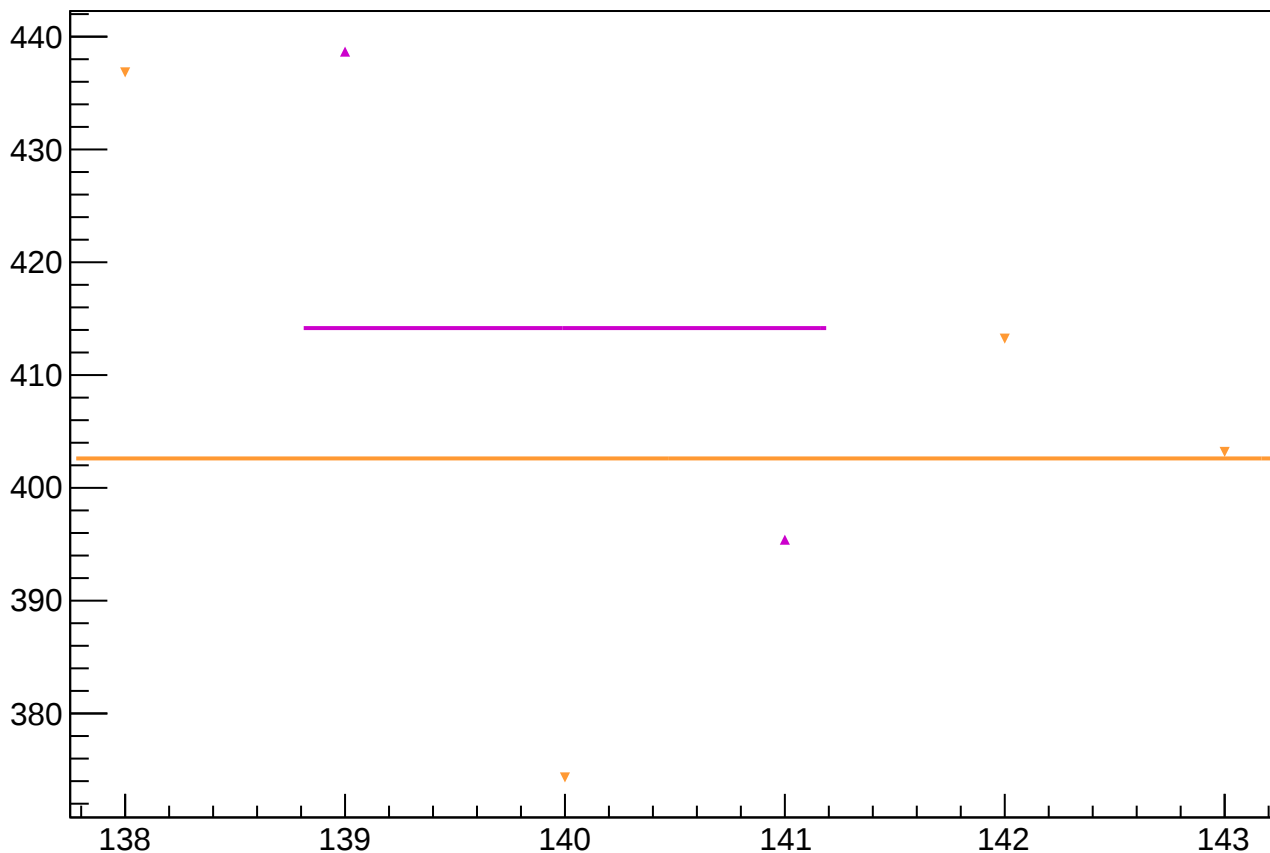
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.594+/-324.551 χ^2/NDF : 0.1/1

Out: 50.609+/-244.624 χ^2/NDF : 6.3/3

All: 46.257+/-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

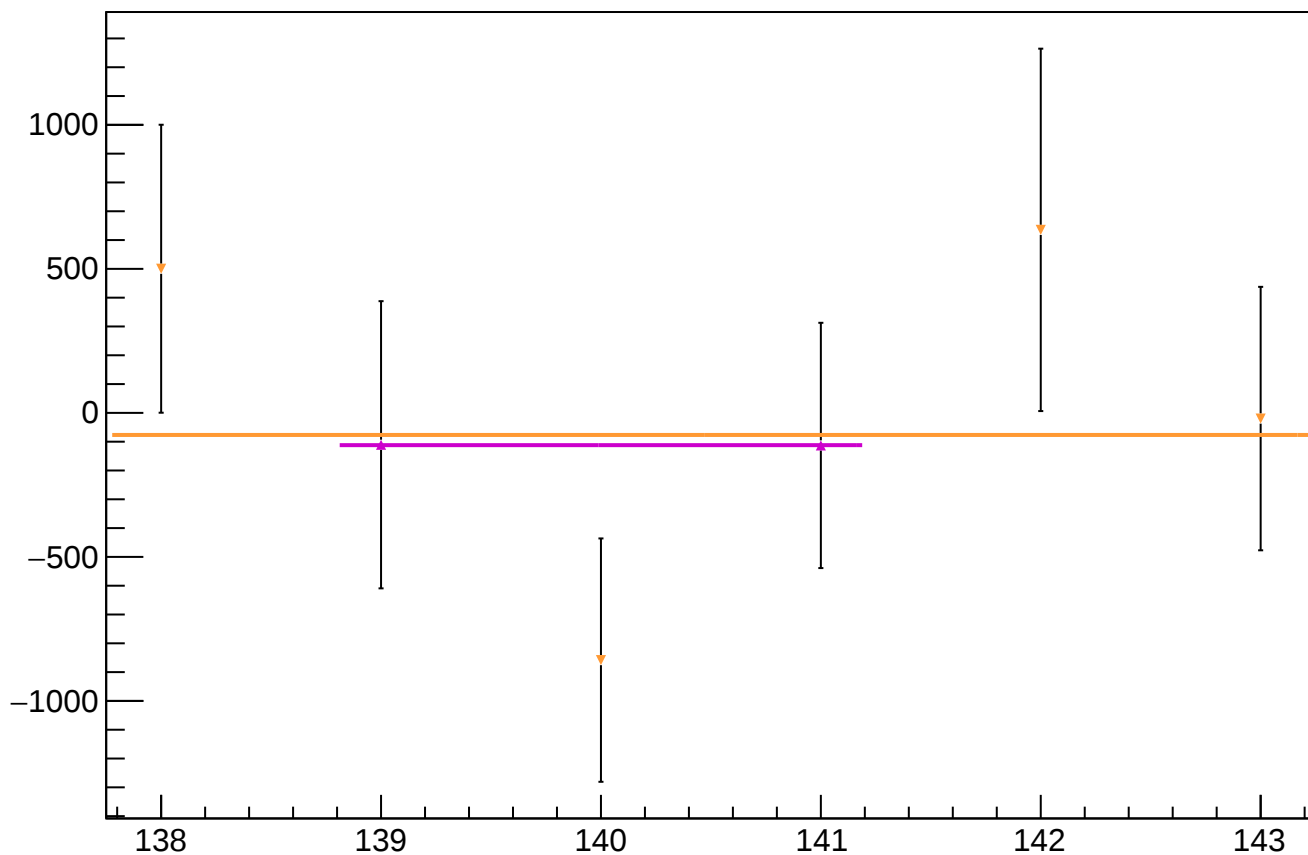
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

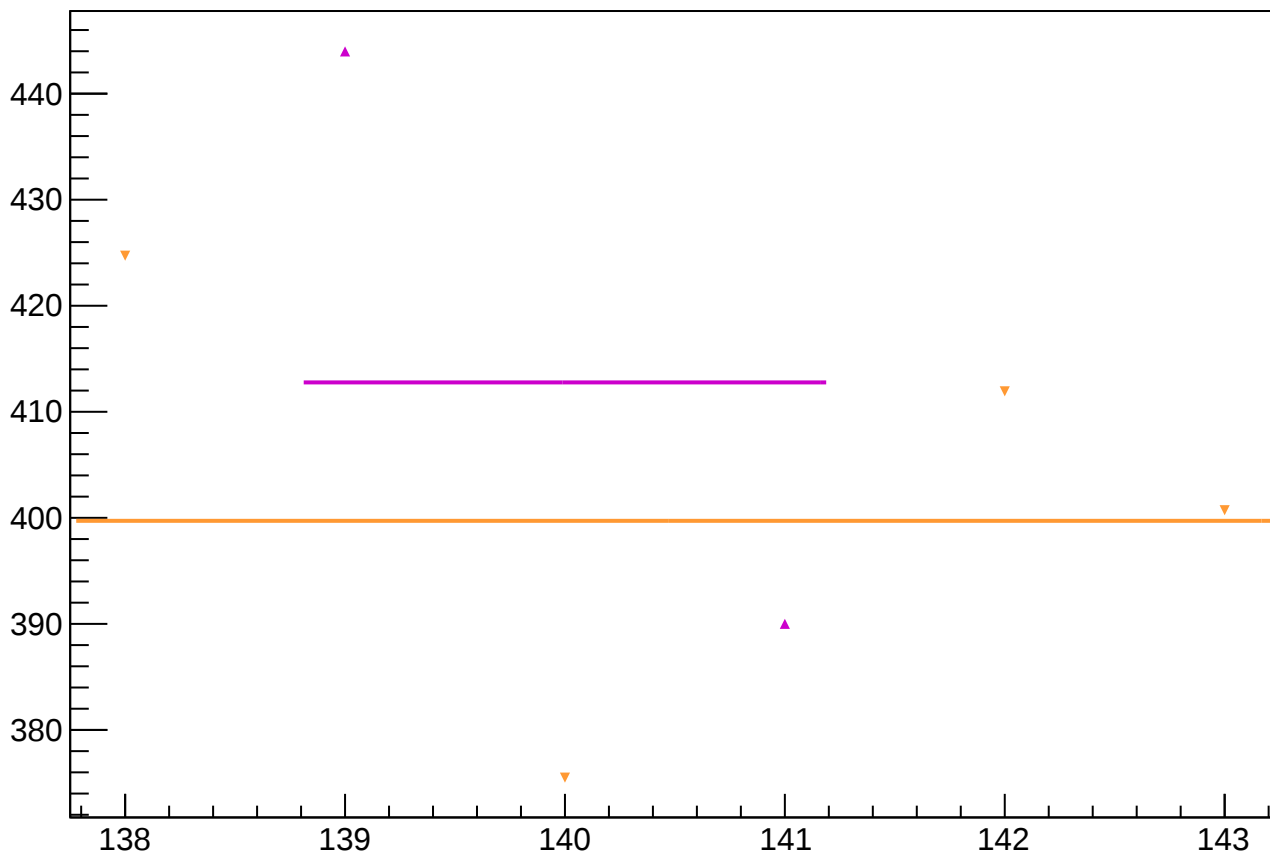
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

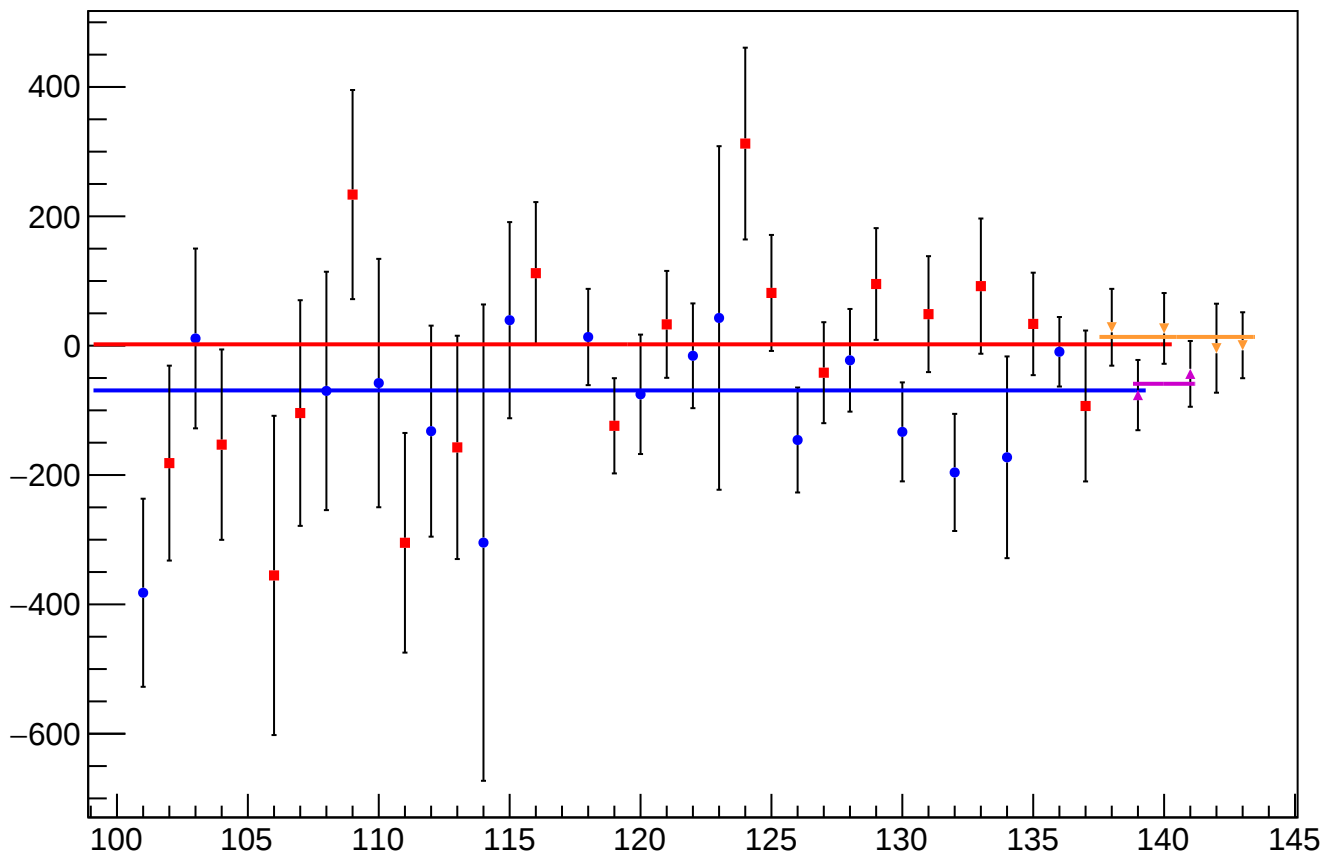
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -58.923 ± 37.120 χ^2/NDF : 0.2/1

Left: -13.578 ± 22.707 χ^2/NDF : 2.8/5

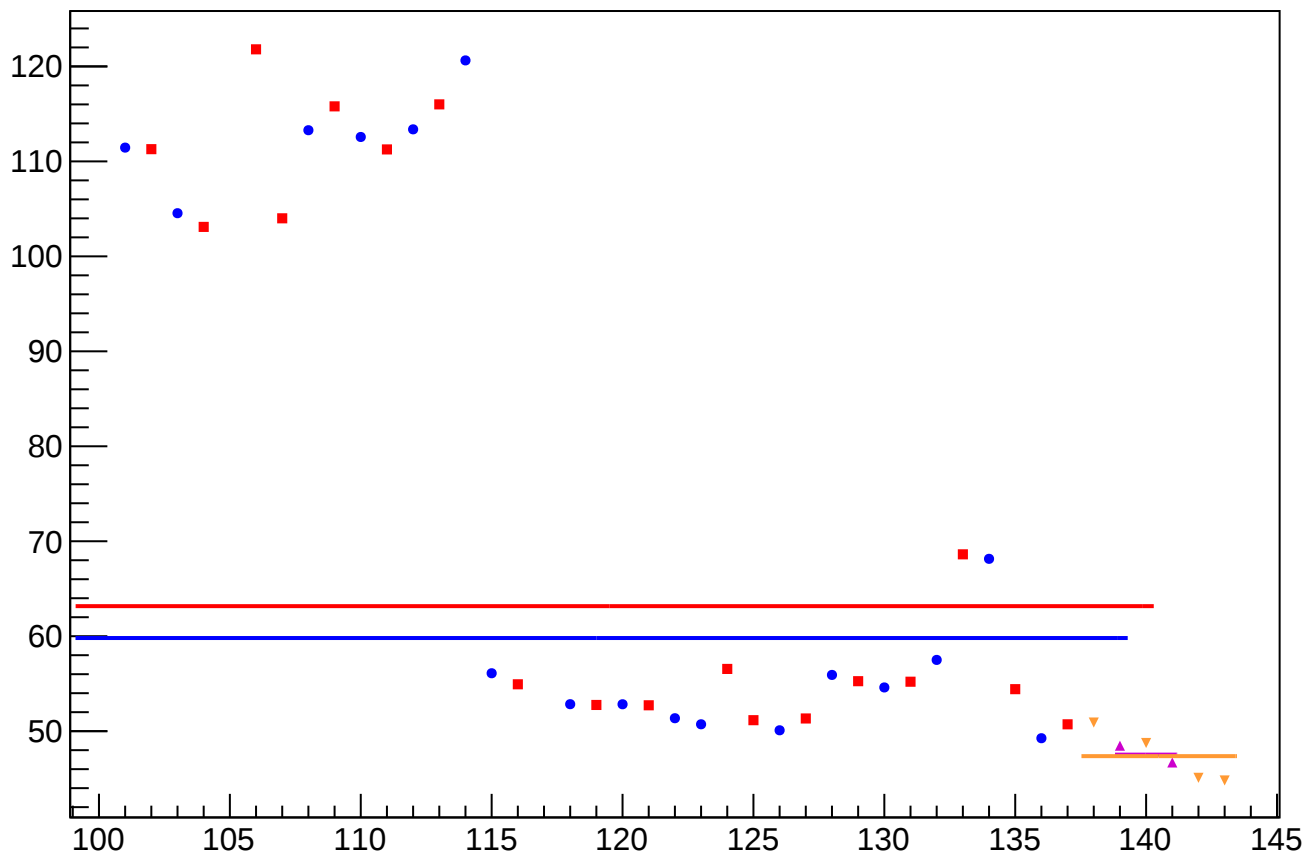
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -66.116 ± 20.308 χ^2/NDF : 13.7/18

Out: 7.065 ± 18.932 χ^2/NDF : 24.1/21

All: -26.963 ± 13.848 χ^2/NDF : 44.8/40

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 47.370 $\pm$ 0.020 χ^2/NDF : 15627.7/3

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

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

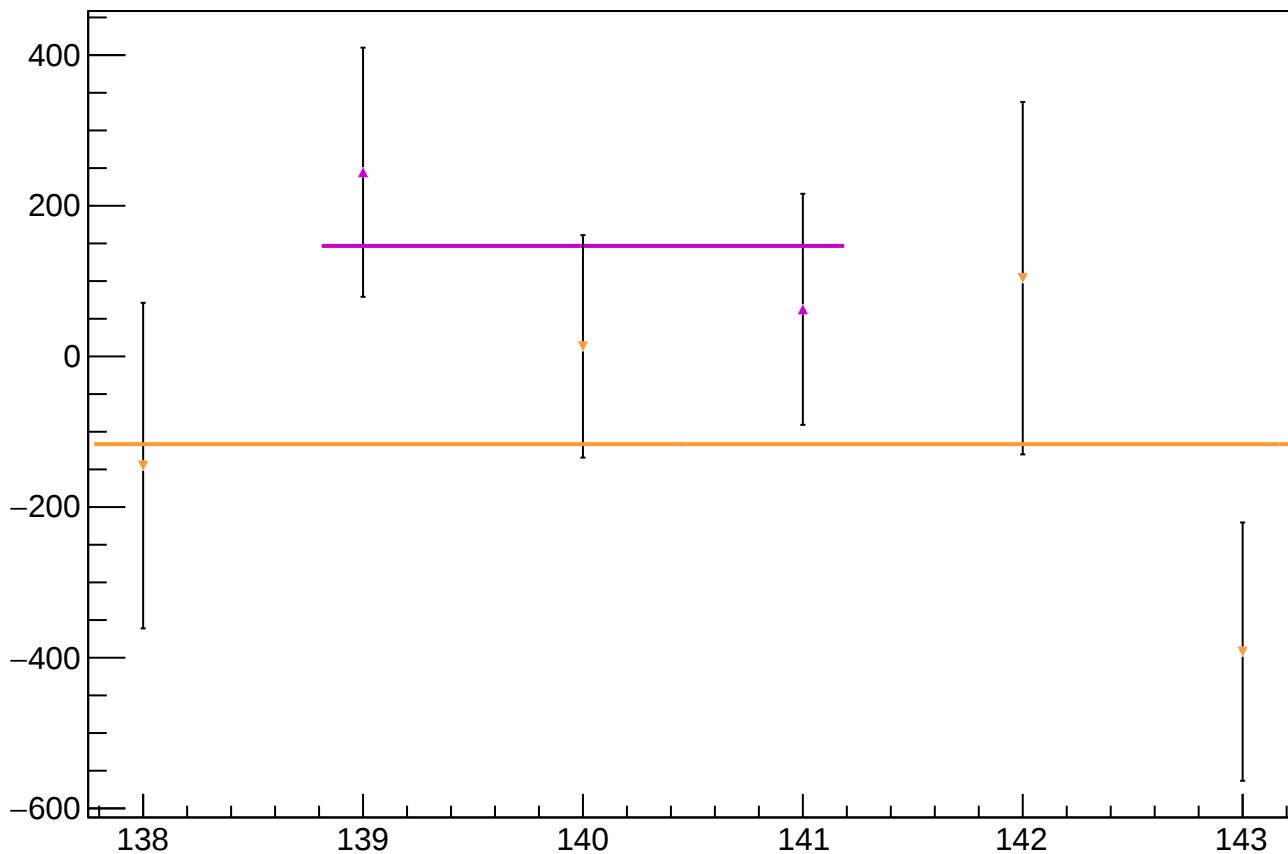
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 56.134 $\pm$ 0.014 χ^2/NDF : 1384449.4/18

Out: 56.294 $\pm$ 0.013 χ^2/NDF : 1745101.5/21

All: 56.220 $\pm$ 0.010 χ^2/NDF : 3129617.8/40

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

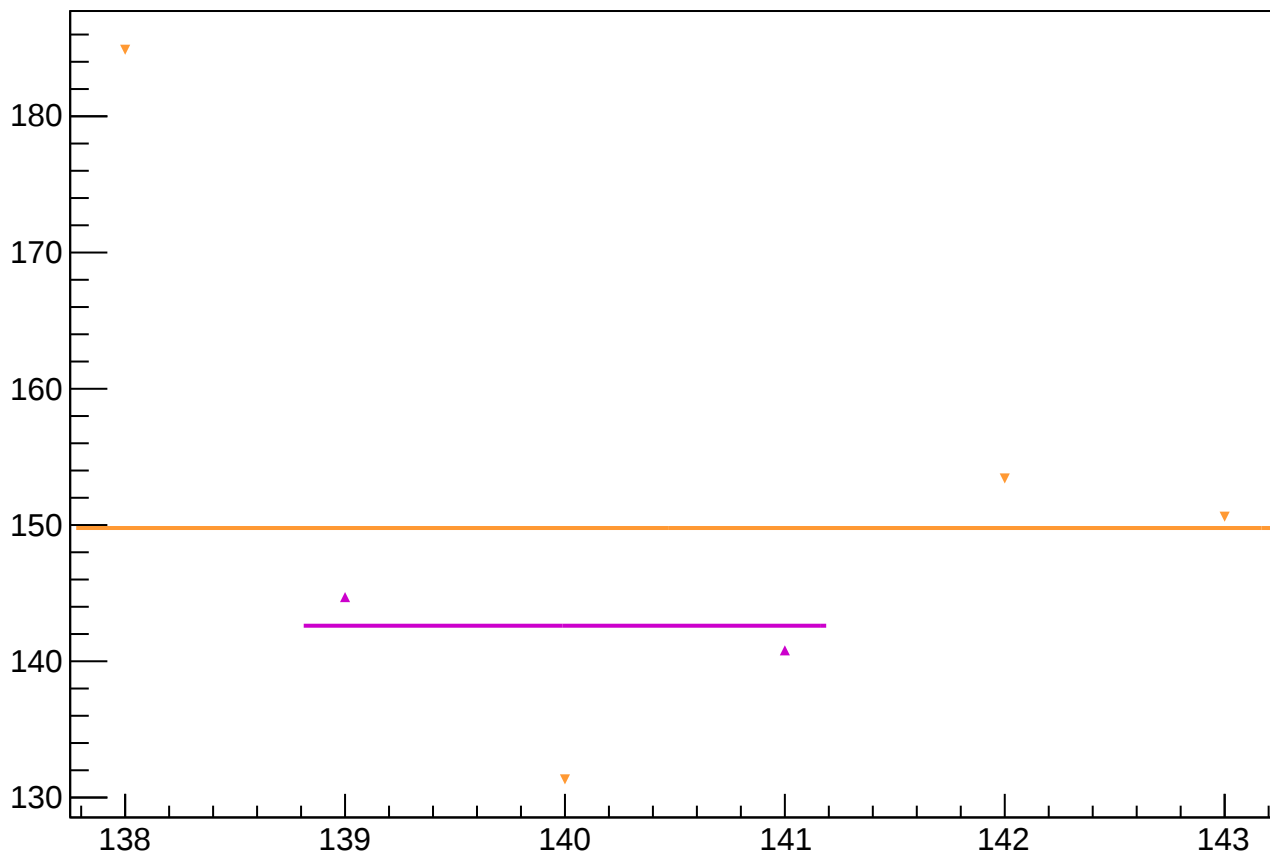
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

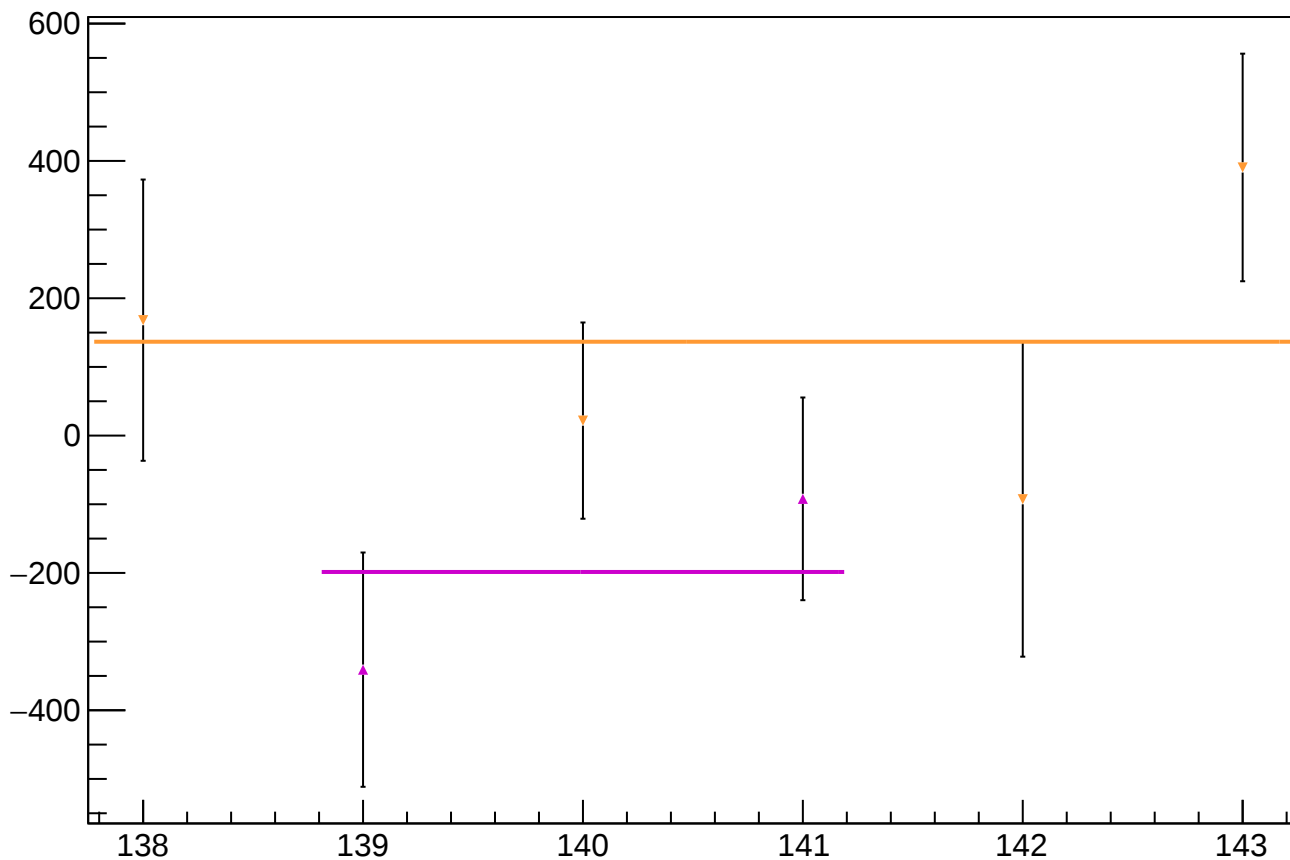
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

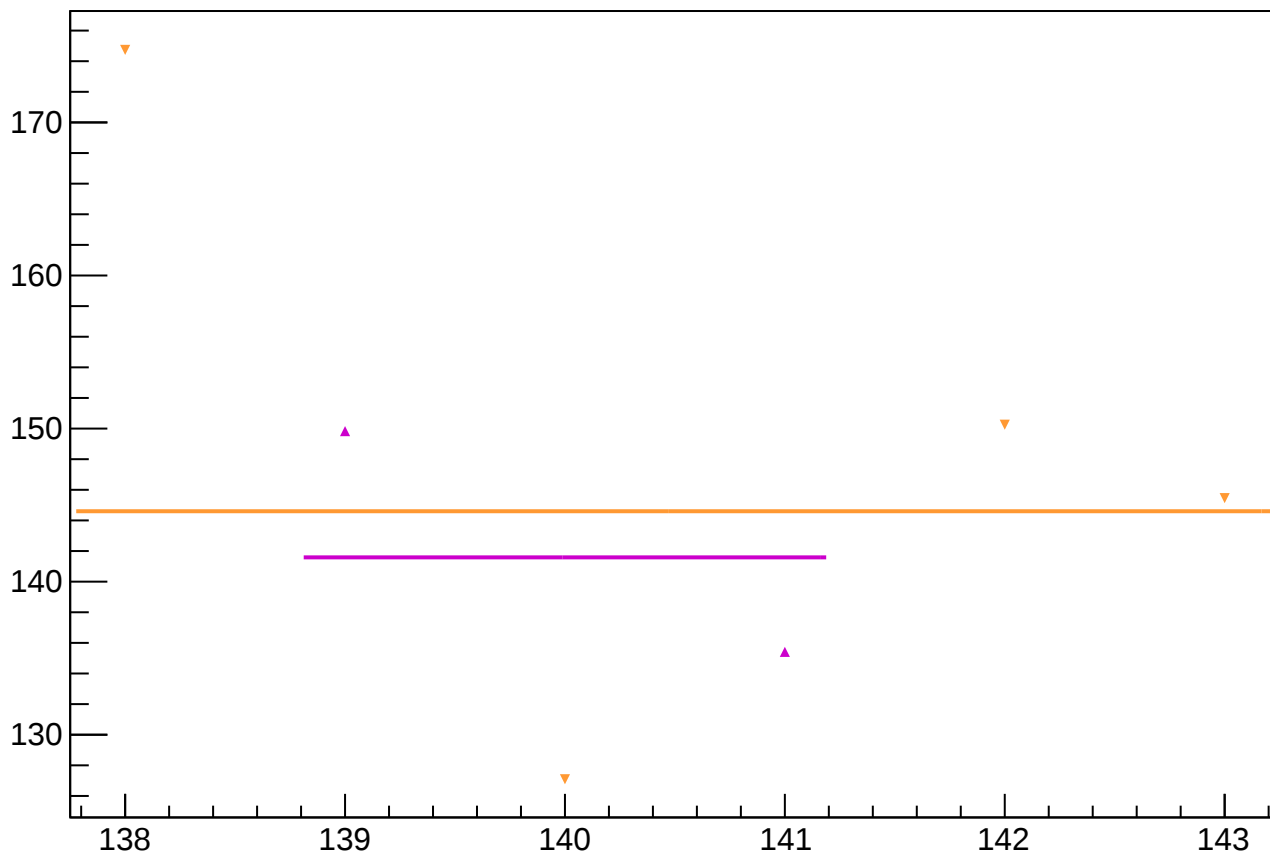
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

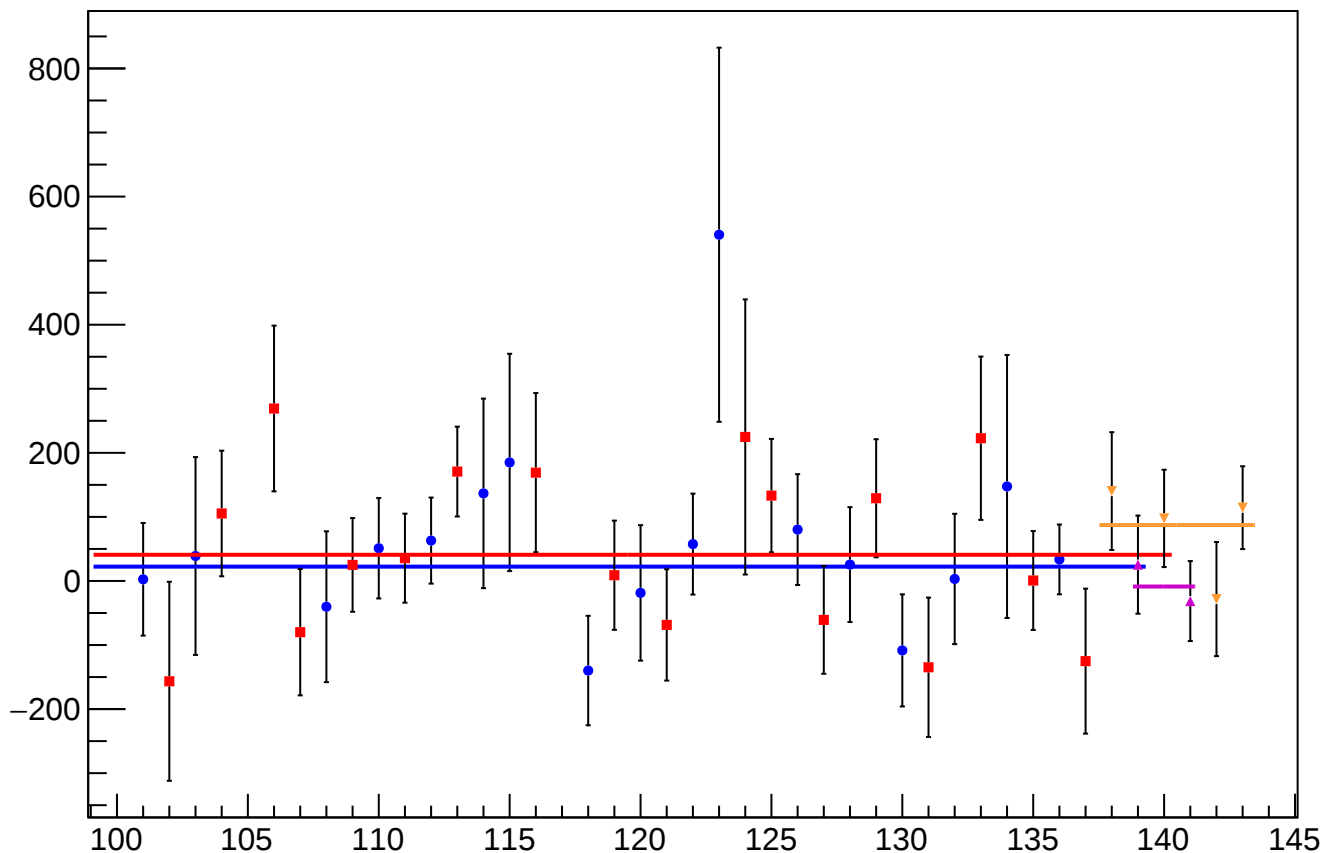
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 87.278 $\pm$ 39.017 χ^2 /NDF: 2.2/3

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: -8.682 $\pm$ 48.388 χ^2 /NDF: 0.3/1

Left: 49.469 $\pm$ 30.373 χ^2 /NDF: 4.9/5

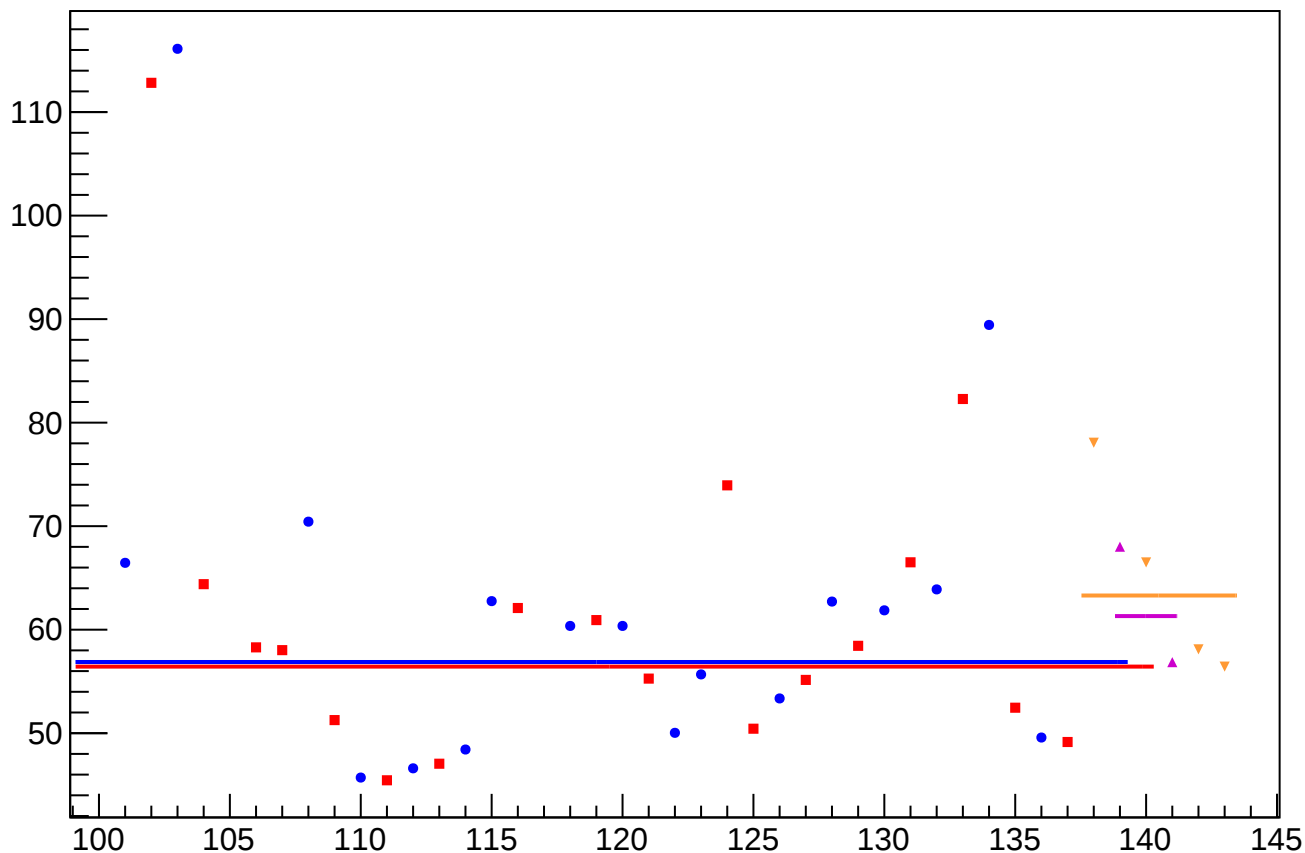
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 16.792 $\pm$ 20.495 χ^2 /NDF: 13.3/18

Out: 52.168 $\pm$ 19.253 χ^2 /NDF: 27.5/21

All: 35.584 $\pm$ 14.033 χ^2 /NDF: 42.3/40

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 63.301+/-0.028 χ^2/NDF : 84462.4/3

Right Out: 56.434+/-0.016 χ^2/NDF : 520456.9/17

Left In: 61.314+/-0.034 χ^2/NDF : 25476.2/1

Left: 62.518+/-0.021 χ^2/NDF : 111983.0/5

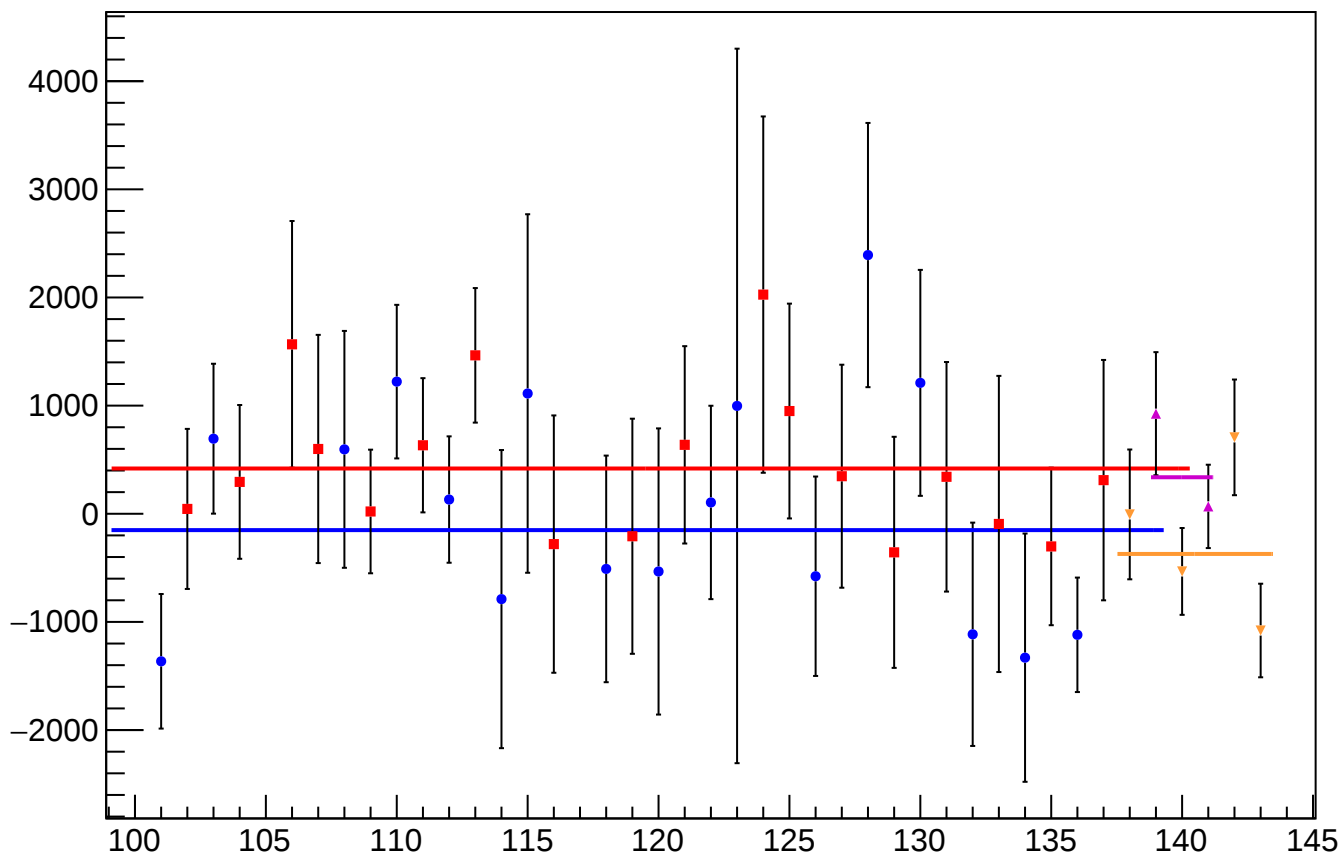
Right: 56.652+/-0.011 χ^2/NDF : 1096338.8/34

In: 57.674+/-0.014 χ^2/NDF : 614752.5/18

Out: 58.106+/-0.014 χ^2/NDF : 651790.9/21

All: 57.904+/-0.010 χ^2/NDF : 1267015.0/40

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: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

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

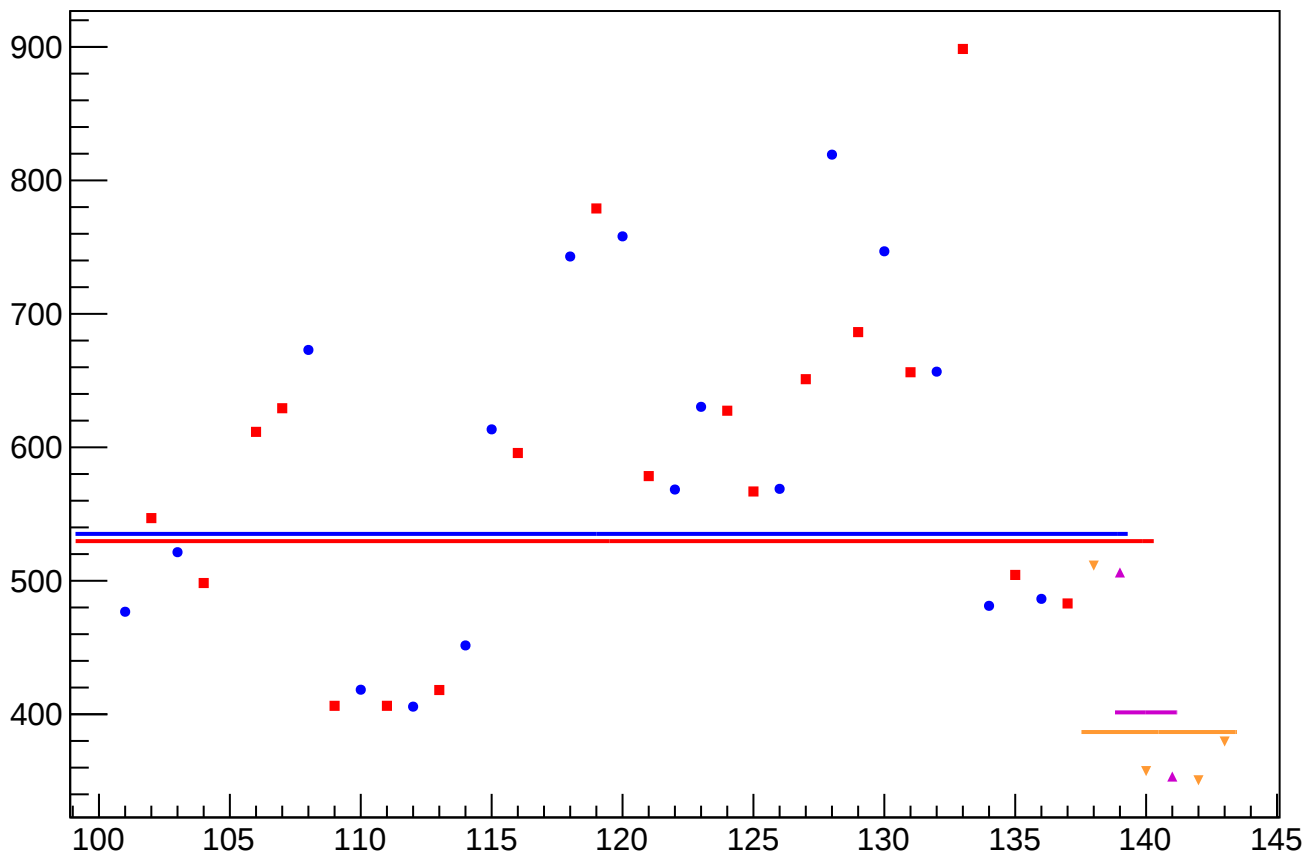
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: -1.065 $\pm$ 176.838 χ^2 /NDF:25.6/18

Out: 80.121 $\pm$ 155.041 χ^2 /NDF:22.0/21

All: 44.837 $\pm$ 116.580 χ^2 /NDF: 47.8/40

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: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

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

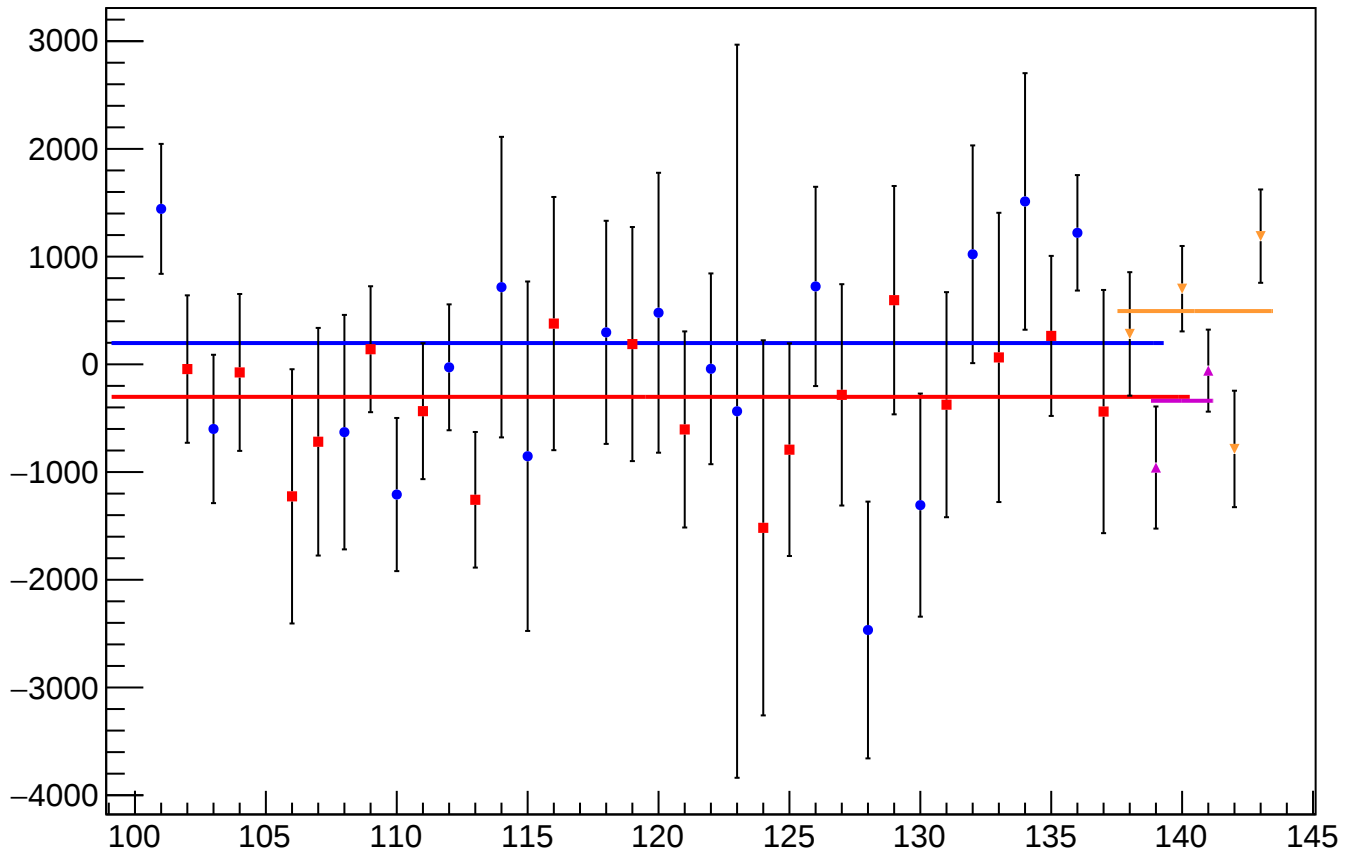
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 494.061 $\pm$ 0.125 χ^2 /NDF: 938518.4/18

Out: 468.450 $\pm$ 0.110 χ^2 /NDF: 1170205.8/21

All: 479.581 $\pm$ 0.082 χ^2 /NDF: 2132441.9/40

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 494.473 $\pm$ 234.711 χ^2 /NDF:8.6/3

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

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

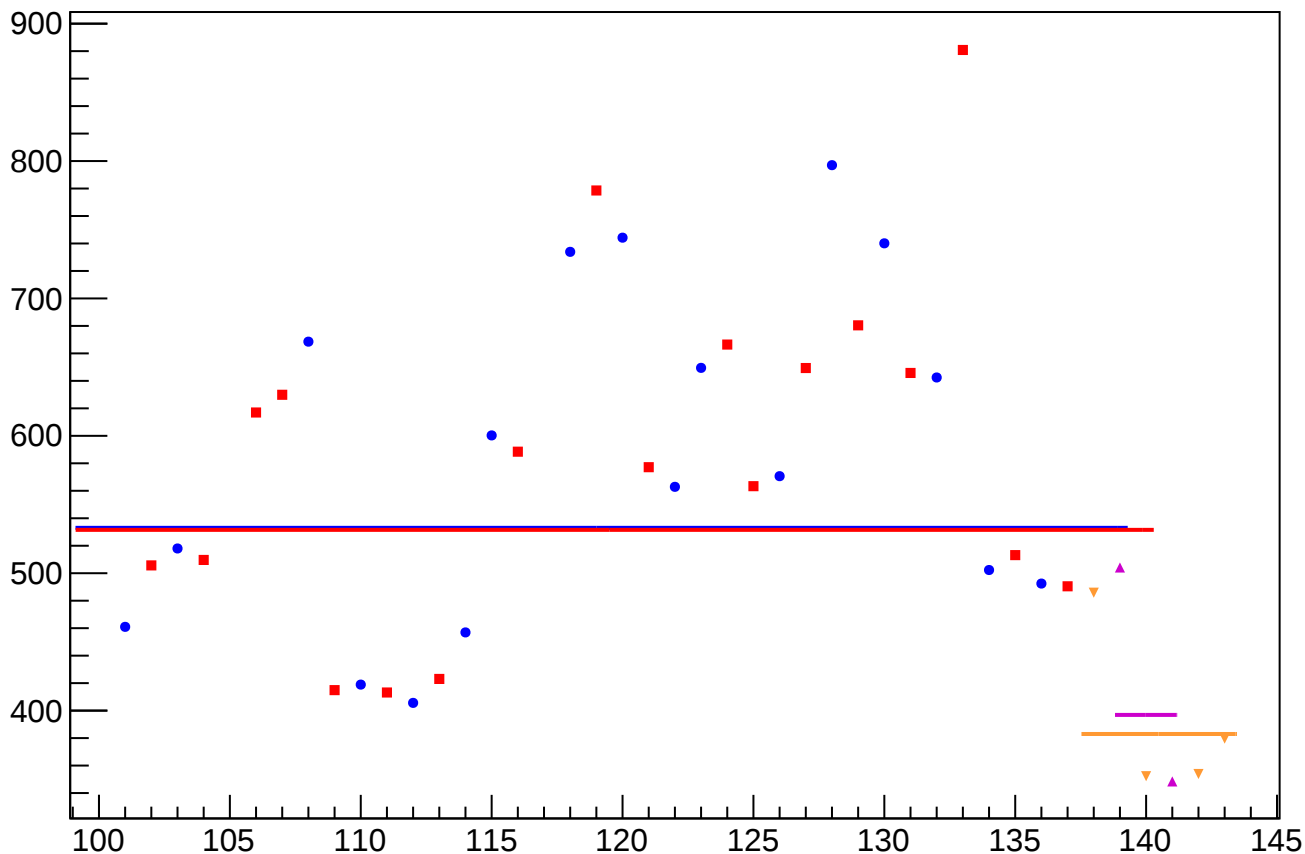
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: 31.850 $\pm$ 175.760 χ^2 /NDF:27.6/18

Out: 44.079 $\pm$ 154.698 χ^2 /NDF:21.8/21

All: 38.741 $\pm$ 116.124 χ^2 /NDF: 49.5/40

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: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 396.868+/-0.223 χ^2/NDF : 104018.1/1

Left: 387.920+/-0.133 χ^2/NDF : 188847.7/5

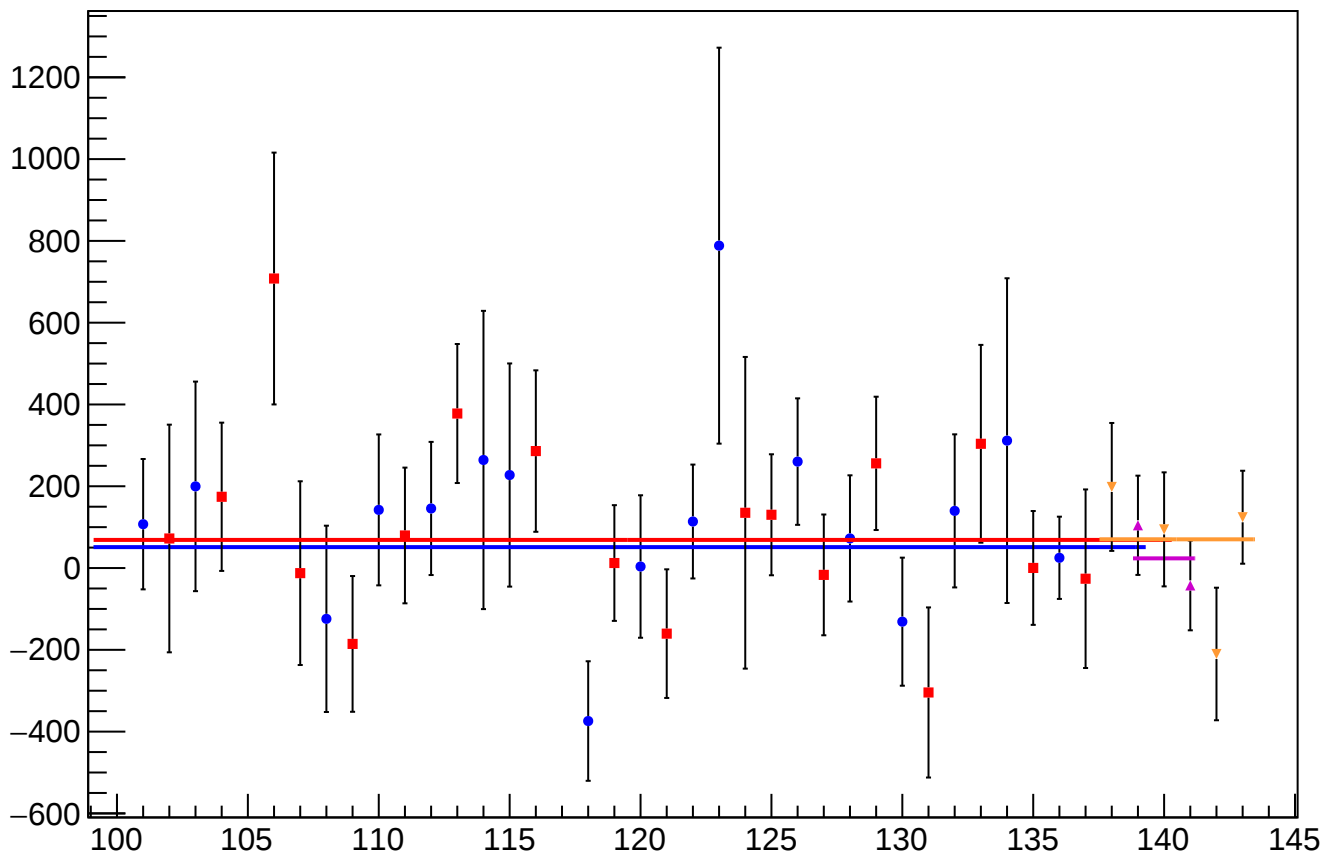
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 490.919+/-0.124 χ^2/NDF : 927293.2/18

Out: 467.017+/-0.109 χ^2/NDF : 1133525.9/21

All: 477.451+/-0.082 χ^2/NDF : 2081661.8/40

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 70.224+/-69.374 χ^2/NDF : 3.9/3

Right Out: 68.779+/-42.803 χ^2/NDF : 20.4/17

Left In: 23.666+/-81.410 χ^2/NDF : 0.8/1

Left: 50.638+/-52.803 χ^2/NDF : 4.9/5

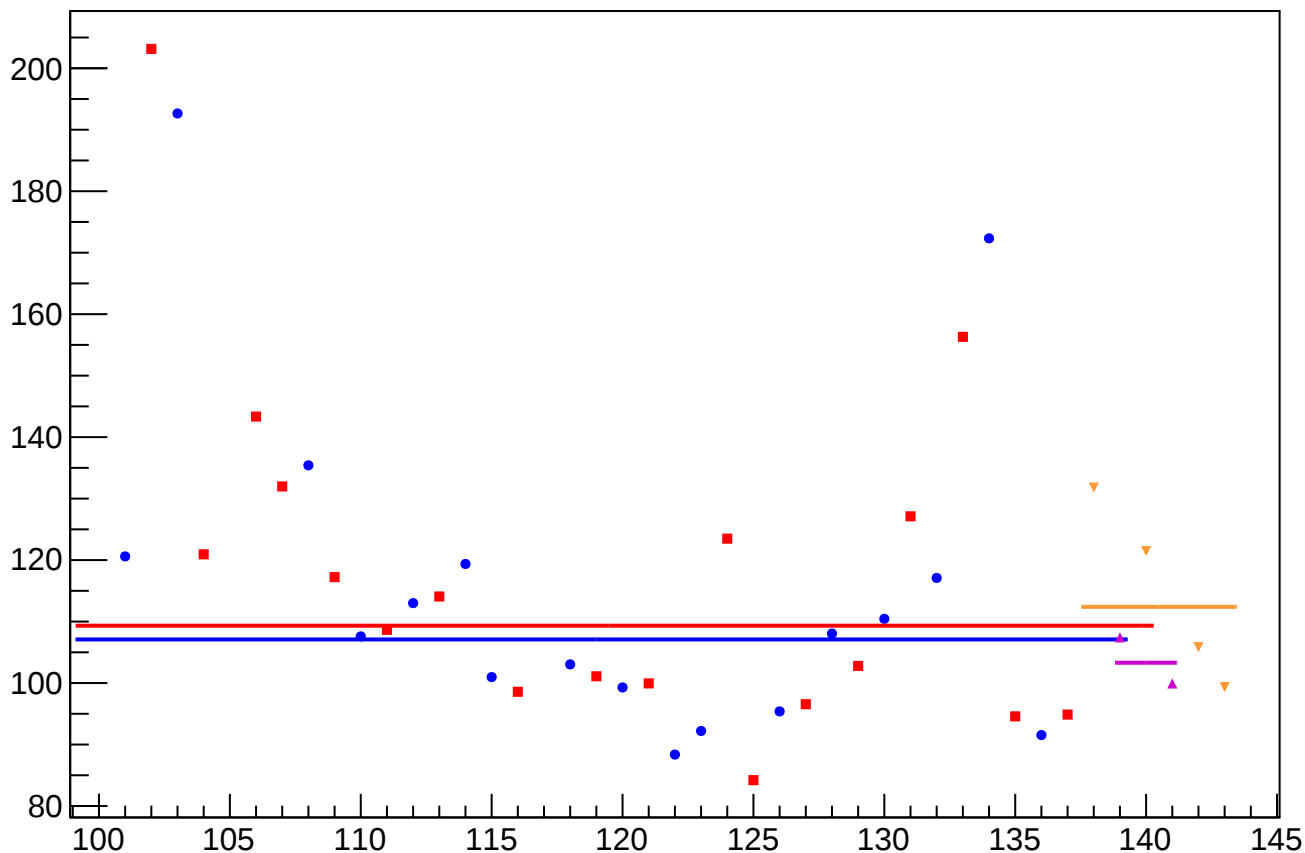
Right: 59.892+/-30.129 χ^2/NDF : 37.8/34

In: 45.294+/-37.616 χ^2/NDF : 18.3/18

Out: 69.177+/-36.428 χ^2/NDF : 24.3/21

All: 57.619+/-26.168 χ^2/NDF : 42.8/40

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 112.394 $\pm$ 0.049 χ^2 /NDF: 68893.3/3

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 103.309 $\pm$ 0.058 χ^2 /NDF: 4201.2/1

Left: 108.572 $\pm$ 0.037 χ^2 /NDF: 87526.0/5

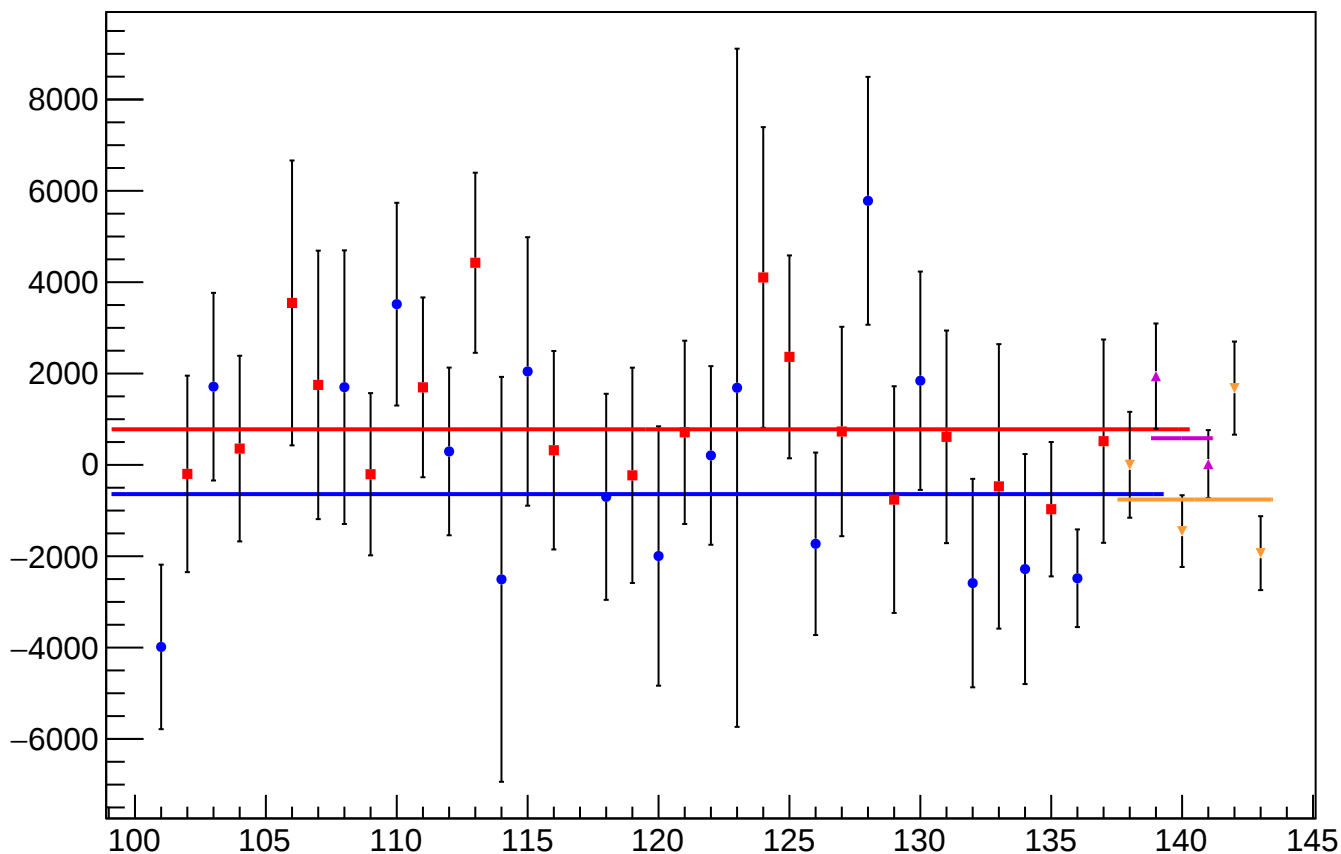
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 106.286 $\pm$ 0.027 χ^2 /NDF: 445356.7/18

Out: 110.174 $\pm$ 0.026 χ^2 /NDF: 577745.0/21

All: 108.292 $\pm$ 0.019 χ^2 /NDF: 1034131.9/40

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -758.455+/-453.801 χ^2/NDF : 9.0/3

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 583.662+/-624.845 χ^2/NDF : 2.0/1

Left: -295.000+/-367.182 χ^2/NDF : 14.0/5

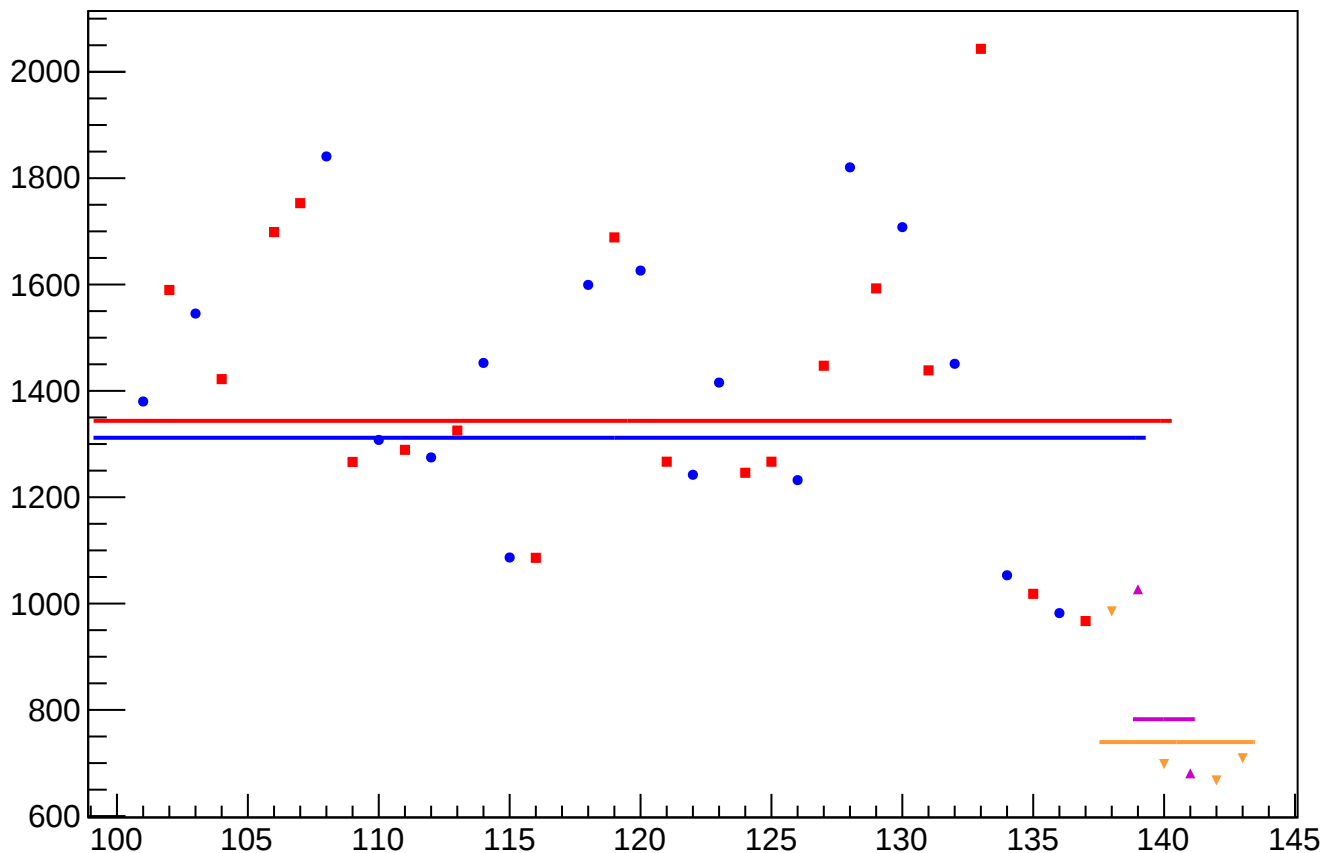
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: -140.066+/-399.355 χ^2/NDF : 26.0/18

Out: -88.393+/-340.895 χ^2/NDF : 22.9/21

All: -110.174+/-259.278 χ^2/NDF : 48.9/40

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 739.527 $\pm$ 0.321 χ^2 /NDF:108280.1/3

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 782.474 $\pm$ 0.442 χ^2 /NDF:127324.3/1

Left: 754.357 $\pm$ 0.260 χ^2 /NDF: 241790.1/5

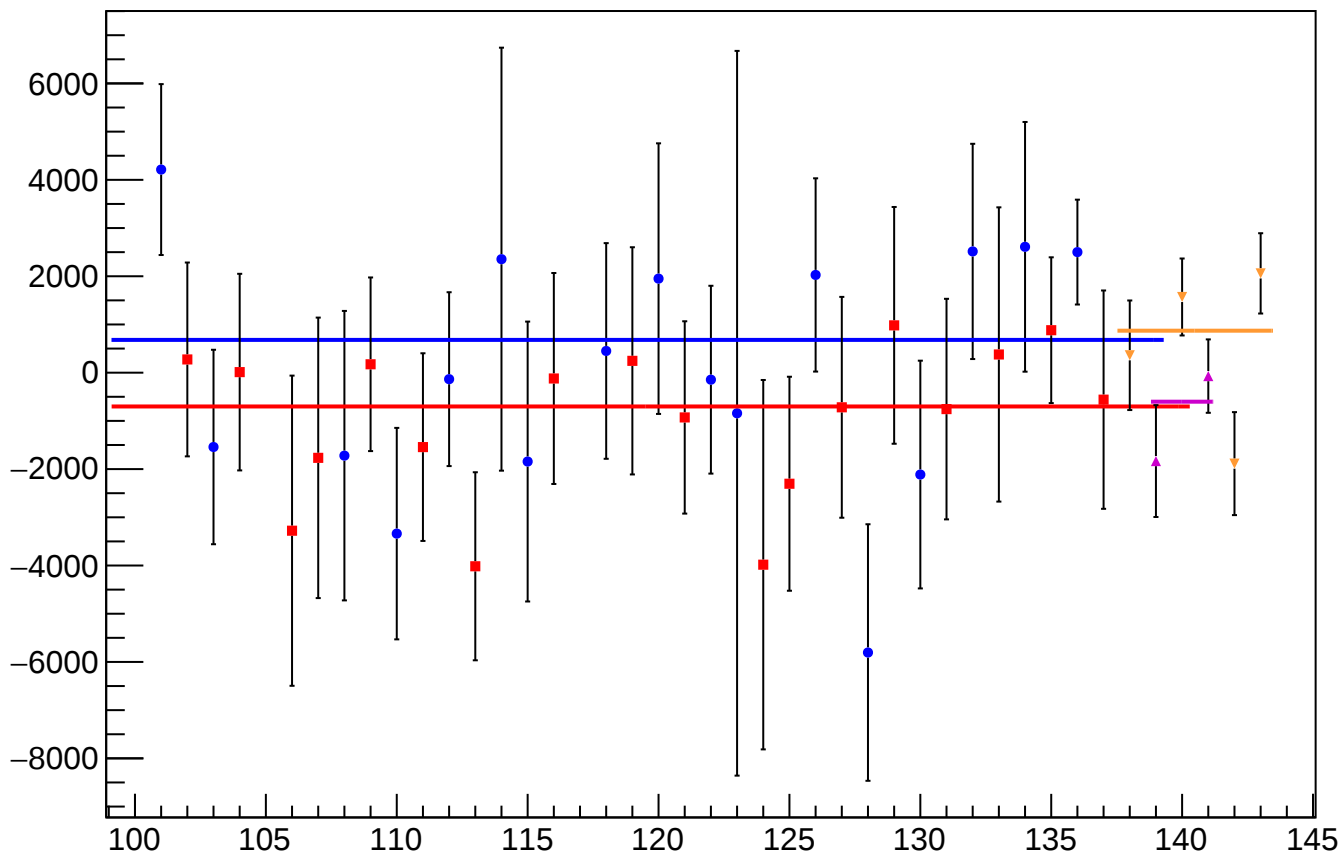
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 1095.577 $\pm$ 0.282 χ^2 /NDF:1488966.1/18

Out: 1002.746 $\pm$ 0.241 χ^2 /NDF:2113649.7/21

All: 1041.876 $\pm$ 0.183 χ^2 /NDF: 3665131.9/40

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 870.961+/-463.082 χ^2/NDF : 9.7/3

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -601.742+/-636.498 χ^2/NDF : 1.6/1

Left: 361.234+/-374.462 χ^2/NDF : 14.8/5

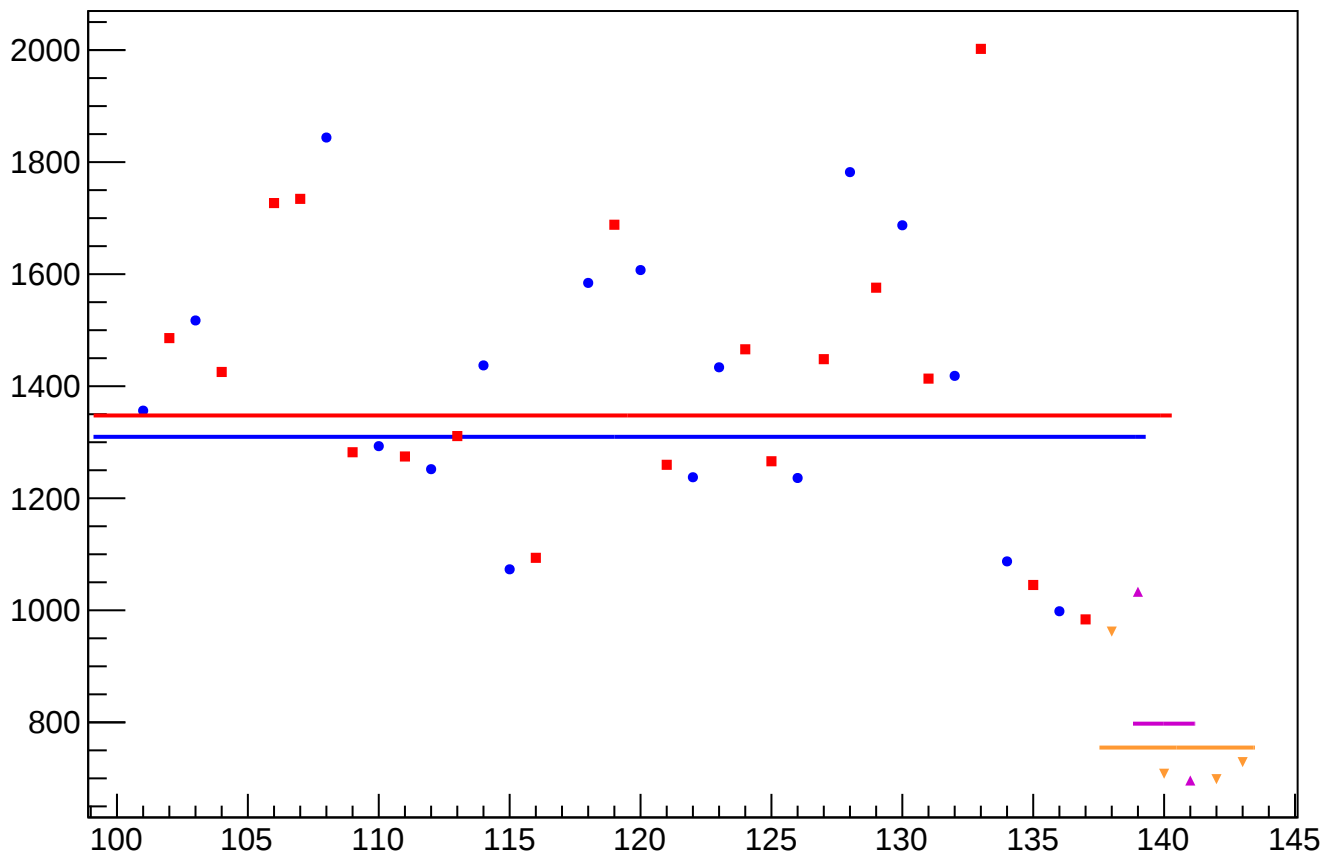
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 169.855+/-401.536 χ^2/NDF : 26.6/18

Out: 171.709+/-345.036 χ^2/NDF : 22.4/21

All: 170.922+/-261.693 χ^2/NDF : 49.0/40

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 754.990 $\pm$ 0.327 χ^2 /NDF: 80755.9/3

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 797.653 $\pm$ 0.450 χ^2 /NDF: 117921.6/1

Left: 769.756 $\pm$ 0.265 χ^2 /NDF: 204553.1/5

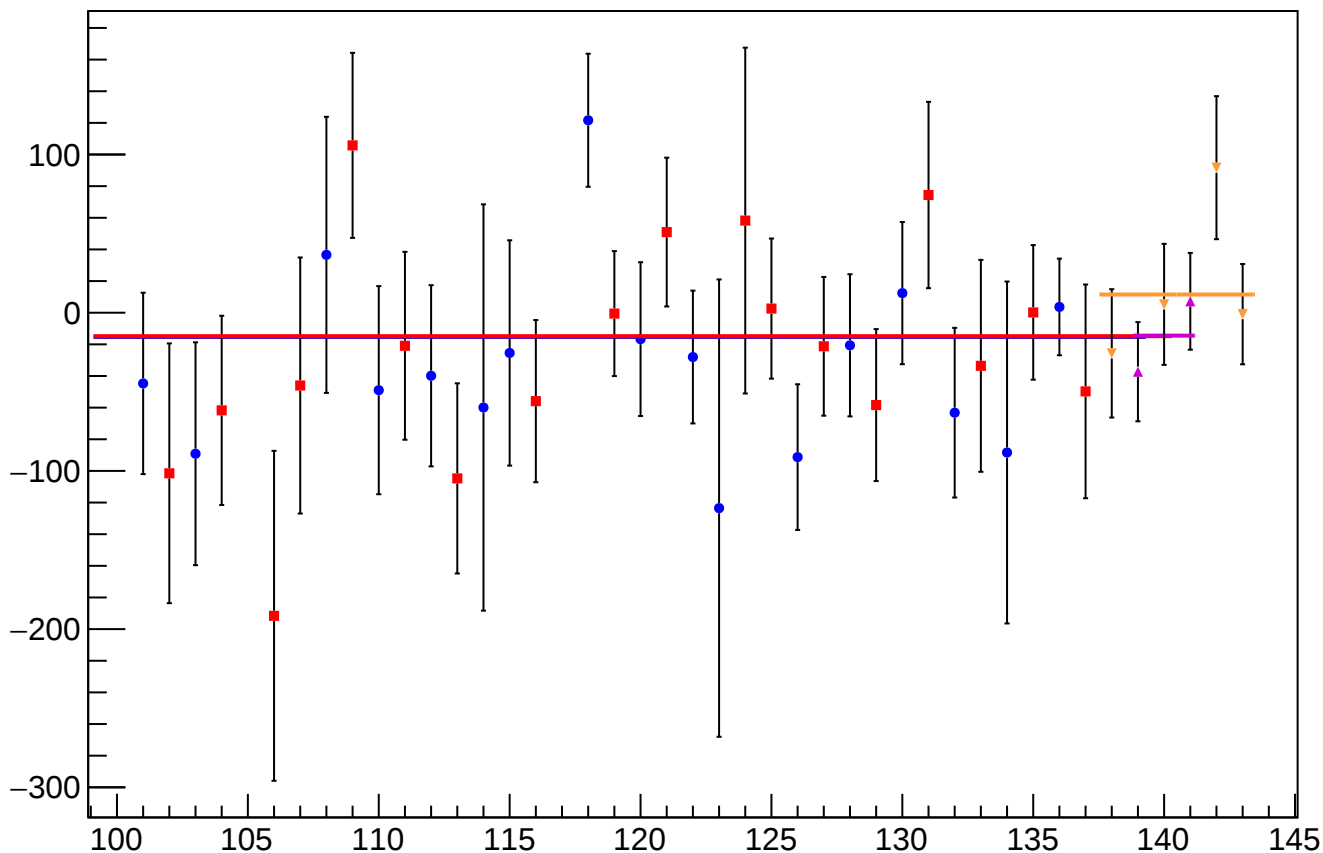
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 1105.891 $\pm$ 0.284 χ^2 /NDF: 1356333.7/18

Out: 1018.686 $\pm$ 0.244 χ^2 /NDF: 1943936.7/21

All: 1055.726 $\pm$ 0.185 χ^2 /NDF: 3354536.0/40

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 $\pm$ 12.907 χ^2 /NDF: 18.3/16

Left Out: 11.521 $\pm$ 18.986 χ^2 /NDF:4.2/3

Right Out: -14.839 $\pm$ 13.097 χ^2 /NDF: 18.2/17

Left In: -14.485 $\pm$ 21.895 χ^2 /NDF:1.0/1

Left: 0.359 $\pm$ 14.344 χ^2 /NDF: 6.0/5

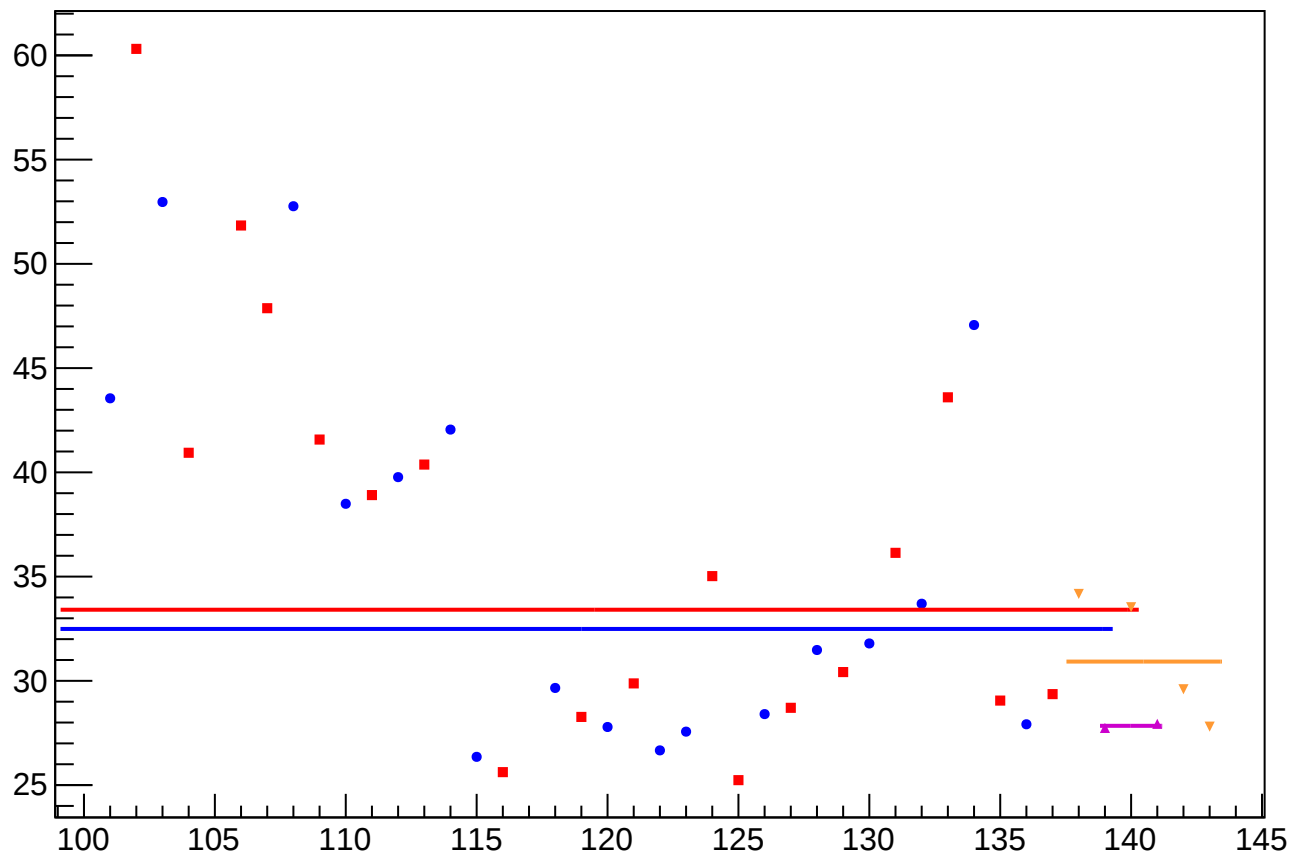
Right: -15.063 $\pm$ 9.193 χ^2 /NDF: 36.5/34

In: -15.076 $\pm$ 11.119 χ^2 /NDF:19.4/18

Out: -6.339 $\pm$ 10.781 χ^2 /NDF:23.7/21

All: -10.573 $\pm$ 7.740 χ^2 /NDF: 43.3/40

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2/NDF : 594480.9/16

Left Out: 30.924 $\pm$ 0.013 χ^2/NDF : 43162.1/3

Right Out: 33.411 $\pm$ 0.009 χ^2/NDF : 725189.8/17

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

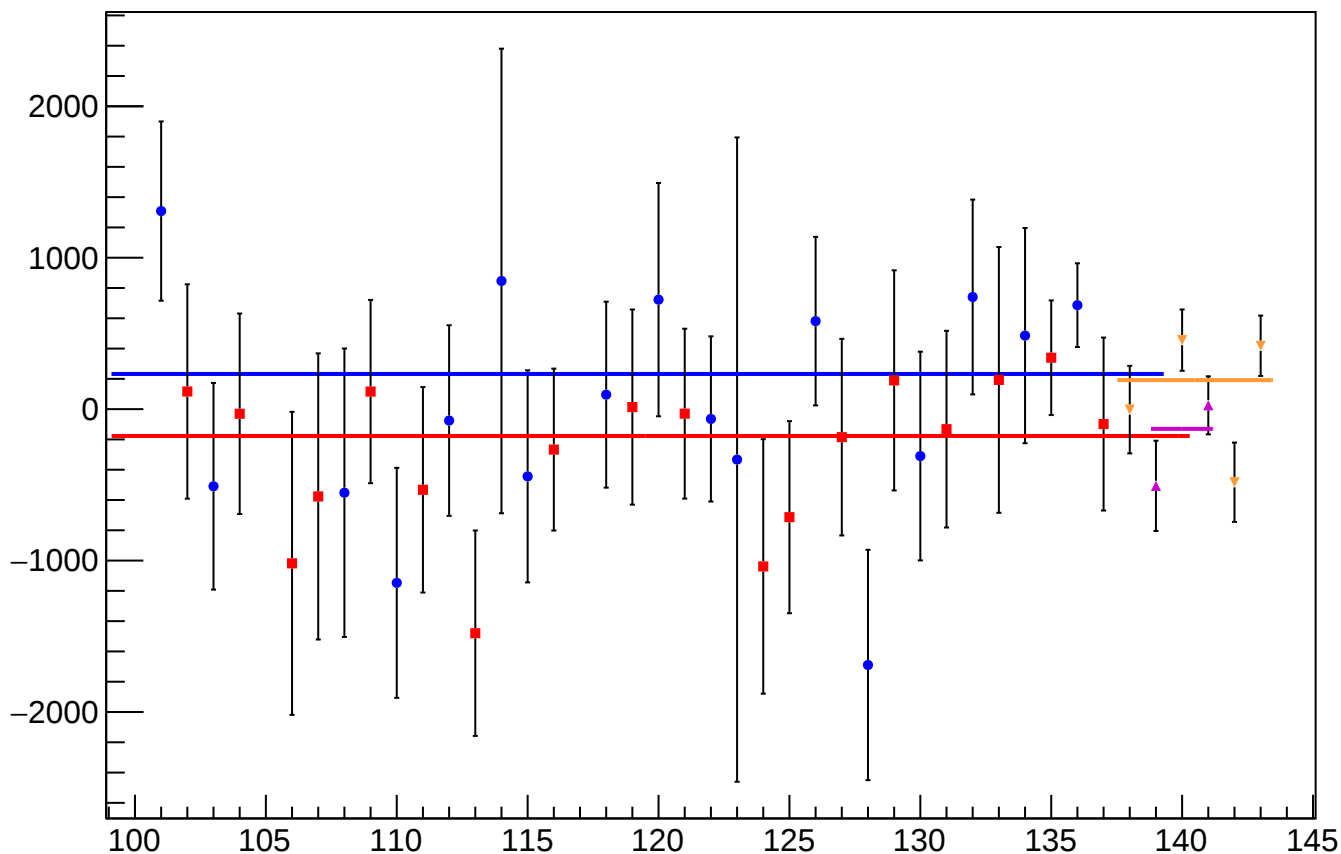
Right: 32.943 $\pm$ 0.007 χ^2/NDF : 1324698.1/34

In: 31.291 $\pm$ 0.008 χ^2/NDF : 661364.3/18

Out: 32.609 $\pm$ 0.008 χ^2/NDF : 791607.8/21

All: 31.970 $\pm$ 0.005 χ^2/NDF : 1467462.4/40

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 191.487 $\pm$ 114.619 χ^2 /NDF:10.1/3

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

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

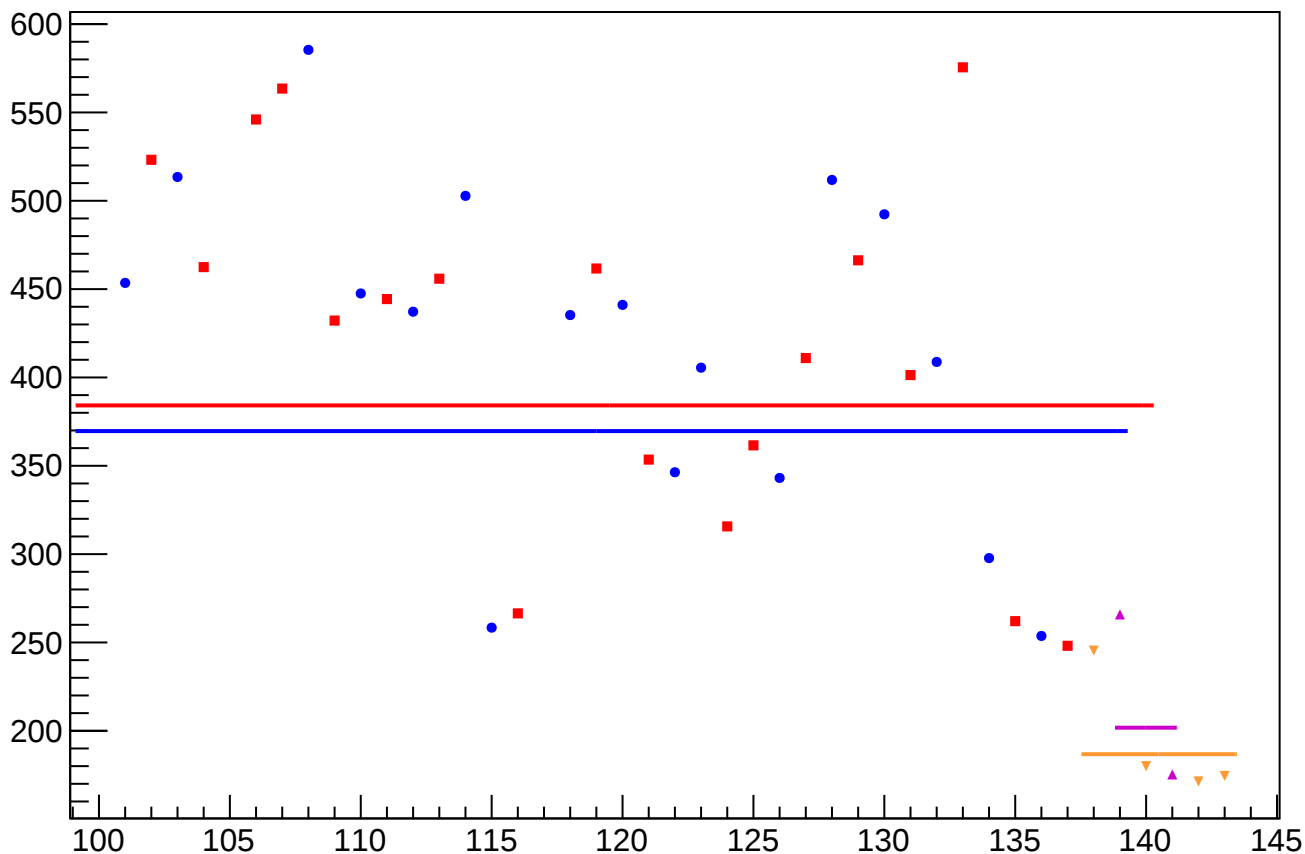
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 65.767 $\pm$ 109.257 χ^2 /NDF:26.4/18

Out: 55.595 $\pm$ 91.074 χ^2 /NDF:23.5/21

All: 59.766 $\pm$ 69.957 χ^2 /NDF: 49.9/40

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 186.769 $\pm$ 0.081 χ^2 /NDF: 98967.5/3

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 201.763 $\pm$ 0.114 χ^2 /NDF: 130559.8/1

Left: 191.804 $\pm$ 0.066 χ^2 /NDF: 241022.8/5

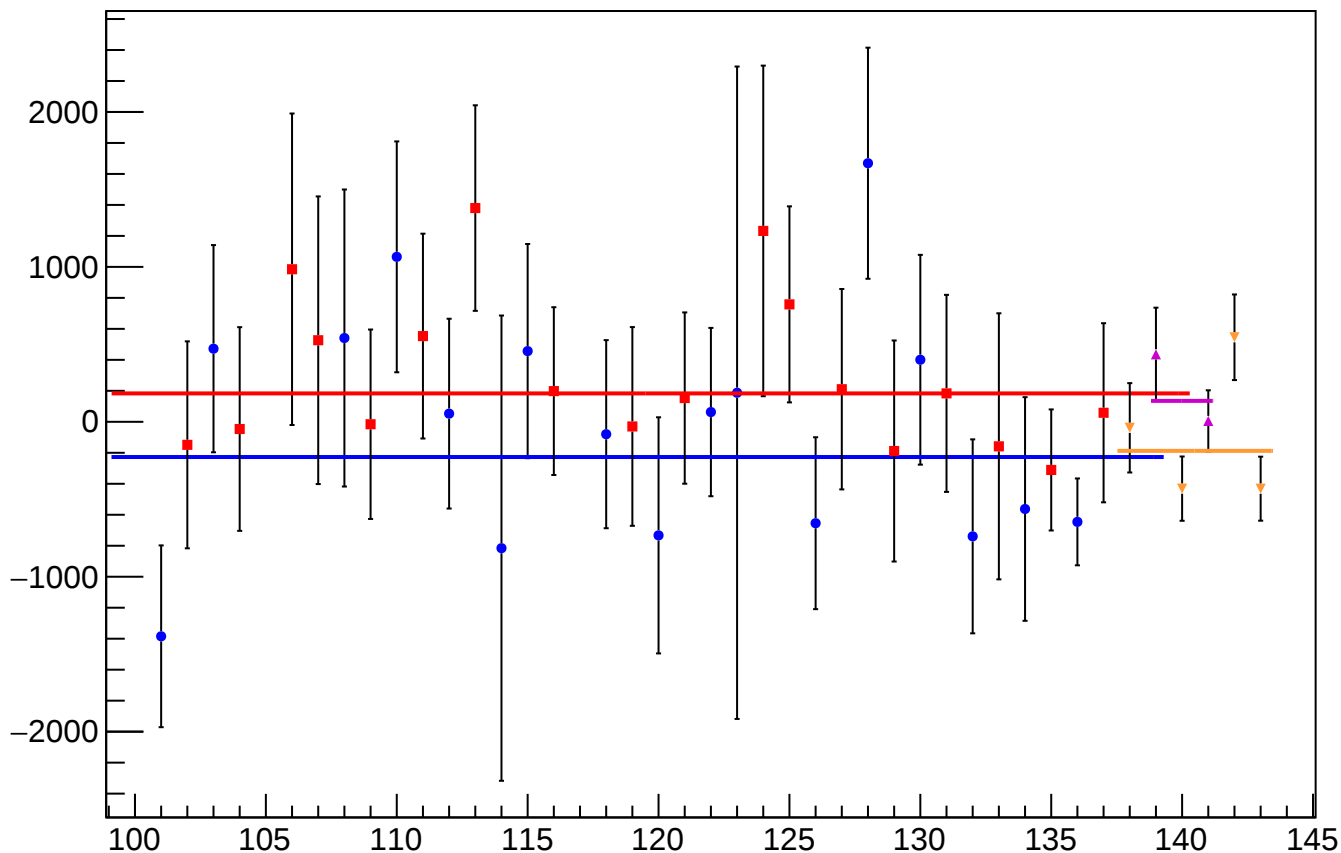
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 292.510 $\pm$ 0.077 χ^2 /NDF: 2206188.8/18

Out: 259.537 $\pm$ 0.064 χ^2 /NDF: 3160808.8/21

All: 273.056 $\pm$ 0.049 χ^2 /NDF: 5474472.6/40

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -187.435 ± 118.025 χ^2/NDF : 10.1/3

Right Out: 183.318 ± 150.486 χ^2/NDF : 8.8/17

Left In: 135.155 ± 165.356 χ^2/NDF : 1.4/1

Left: -78.557 ± 96.065 χ^2/NDF : 14.0/5

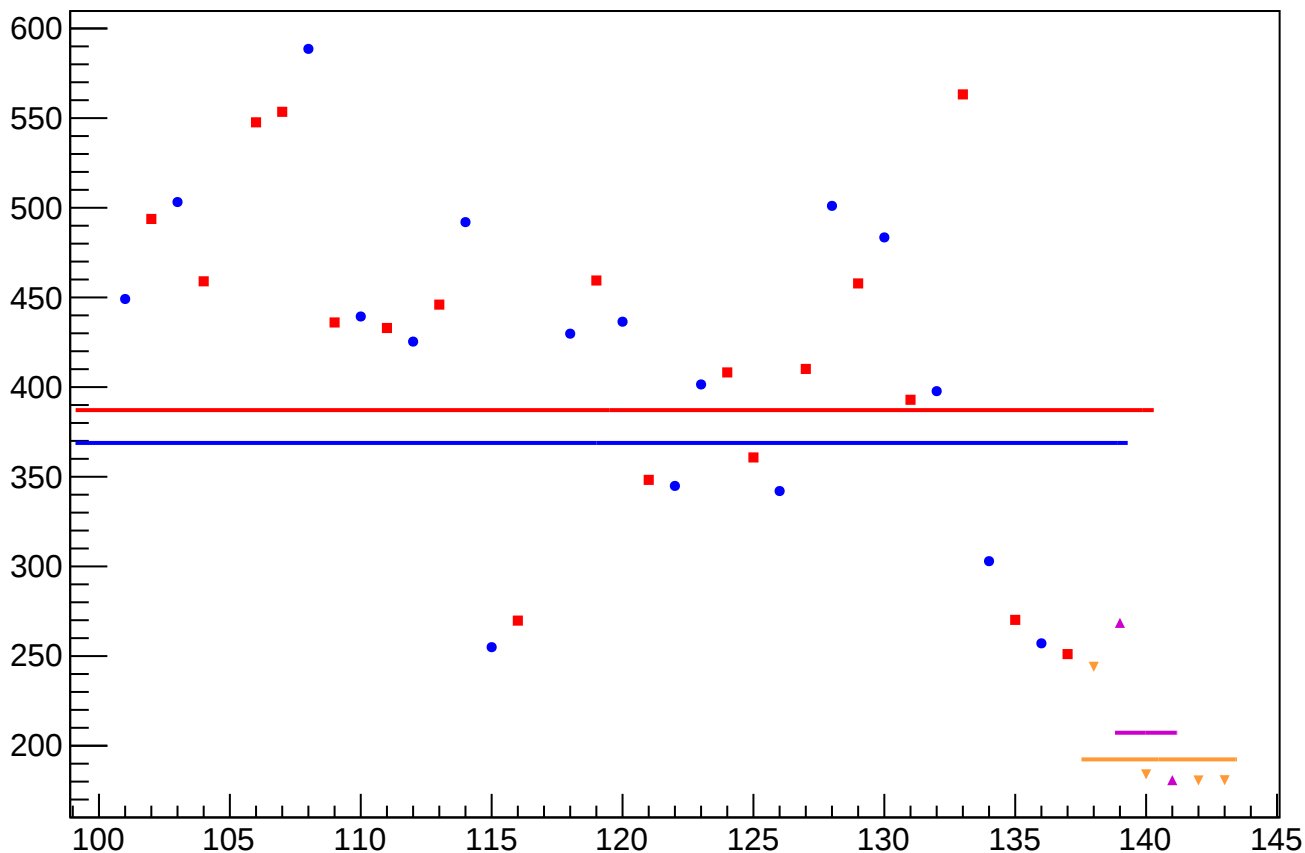
Right: -25.507 ± 105.492 χ^2/NDF : 34.4/34

In: -66.168 ± 110.247 χ^2/NDF : 25.9/18

Out: -46.235 ± 92.869 χ^2/NDF : 22.6/21

All: -54.508 ± 71.027 χ^2/NDF : 48.6/40

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 192.390 $\pm$ 0.083 χ^2 /NDF: 77321.6/3

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

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

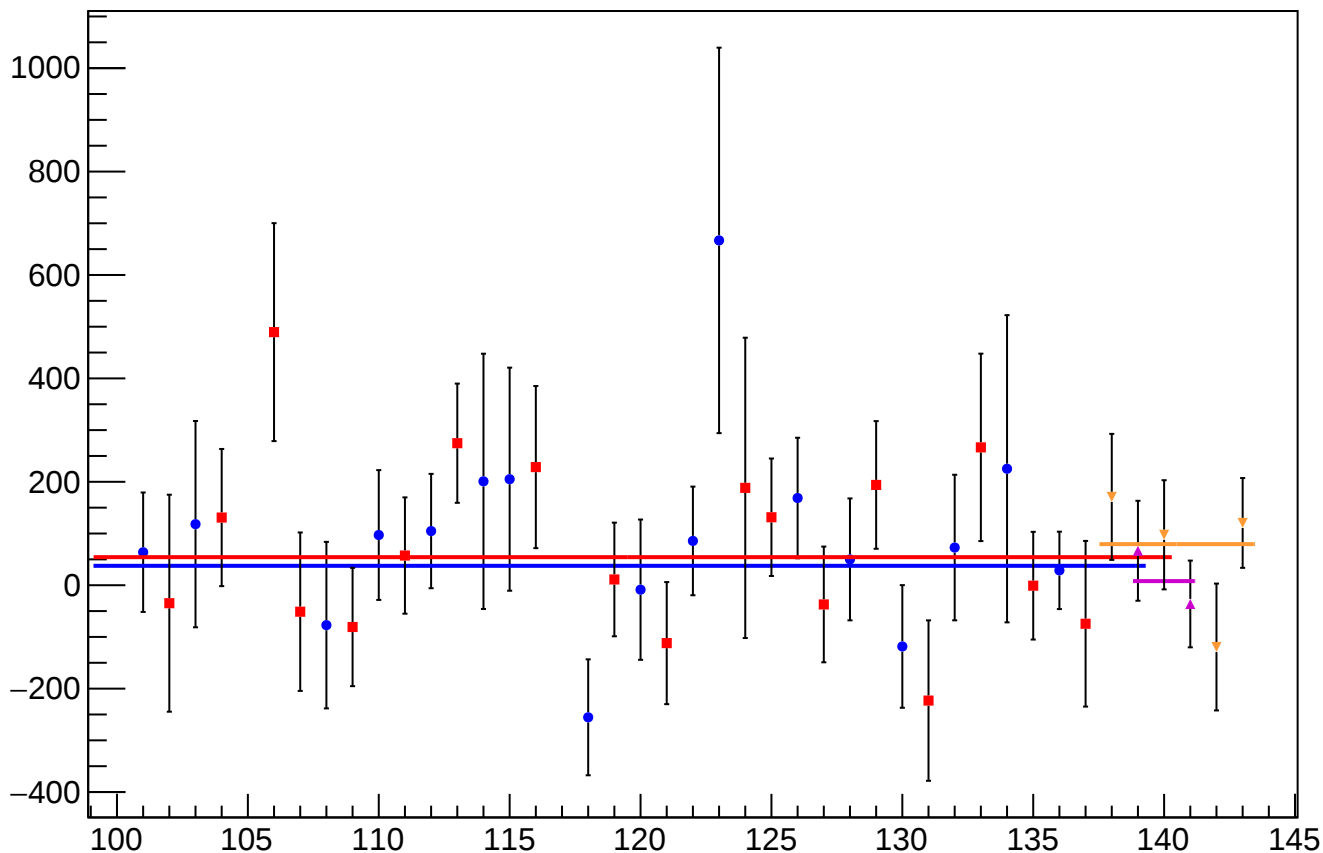
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 297.025 $\pm$ 0.078 χ^2 /NDF: 2009359.0/18

Out: 266.569 $\pm$ 0.066 χ^2 /NDF: 2909865.5/21

All: 279.210 $\pm$ 0.050 χ^2 /NDF: 5008497.9/40

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: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

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

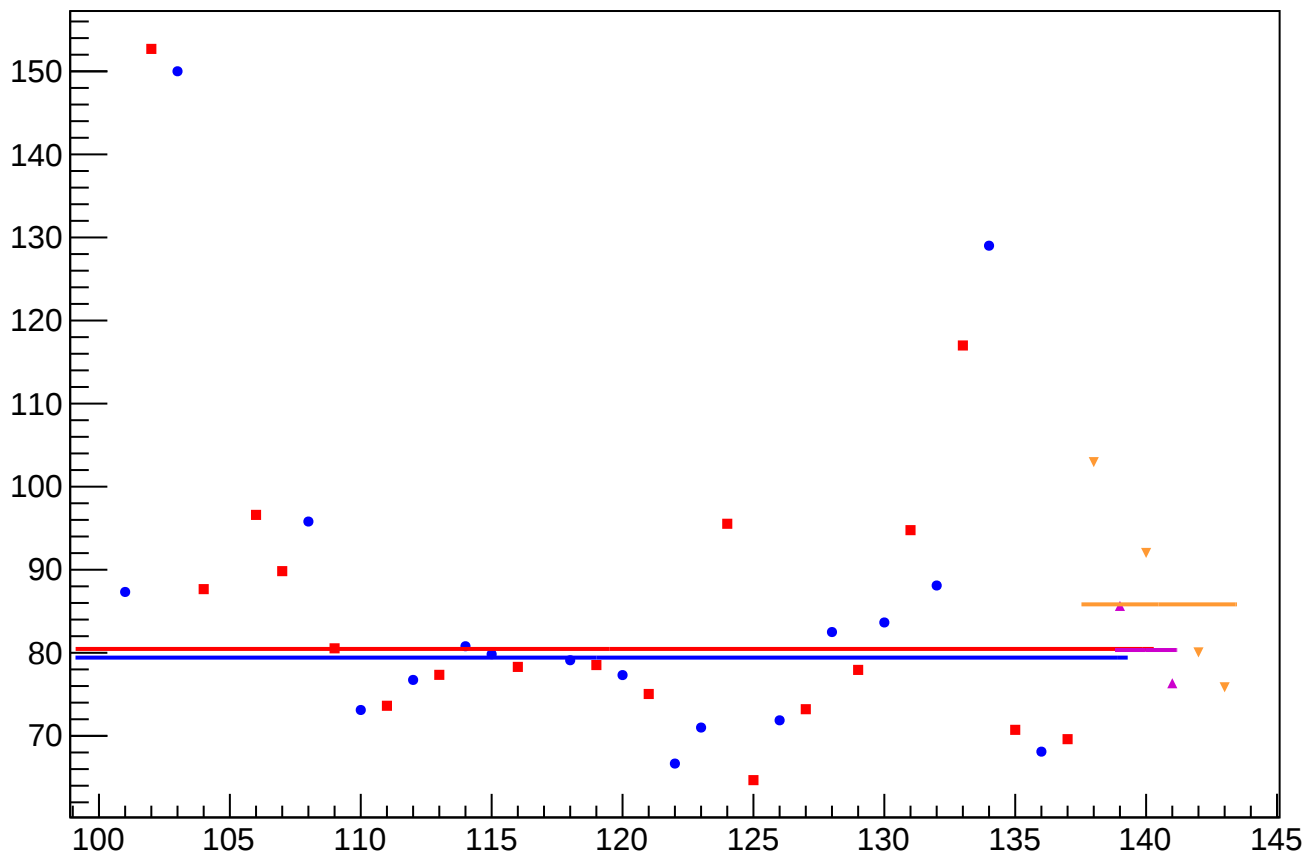
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 31.682 $\pm$ 28.176 χ^2 /NDF:16.7/18

Out: 60.839 $\pm$ 27.071 χ^2 /NDF:25.4/21

All: 46.843 $\pm$ 19.521 χ^2 /NDF: 42.6/40

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 85.832 $\pm$ 0.037 χ^2 /NDF:77212.4/3

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

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

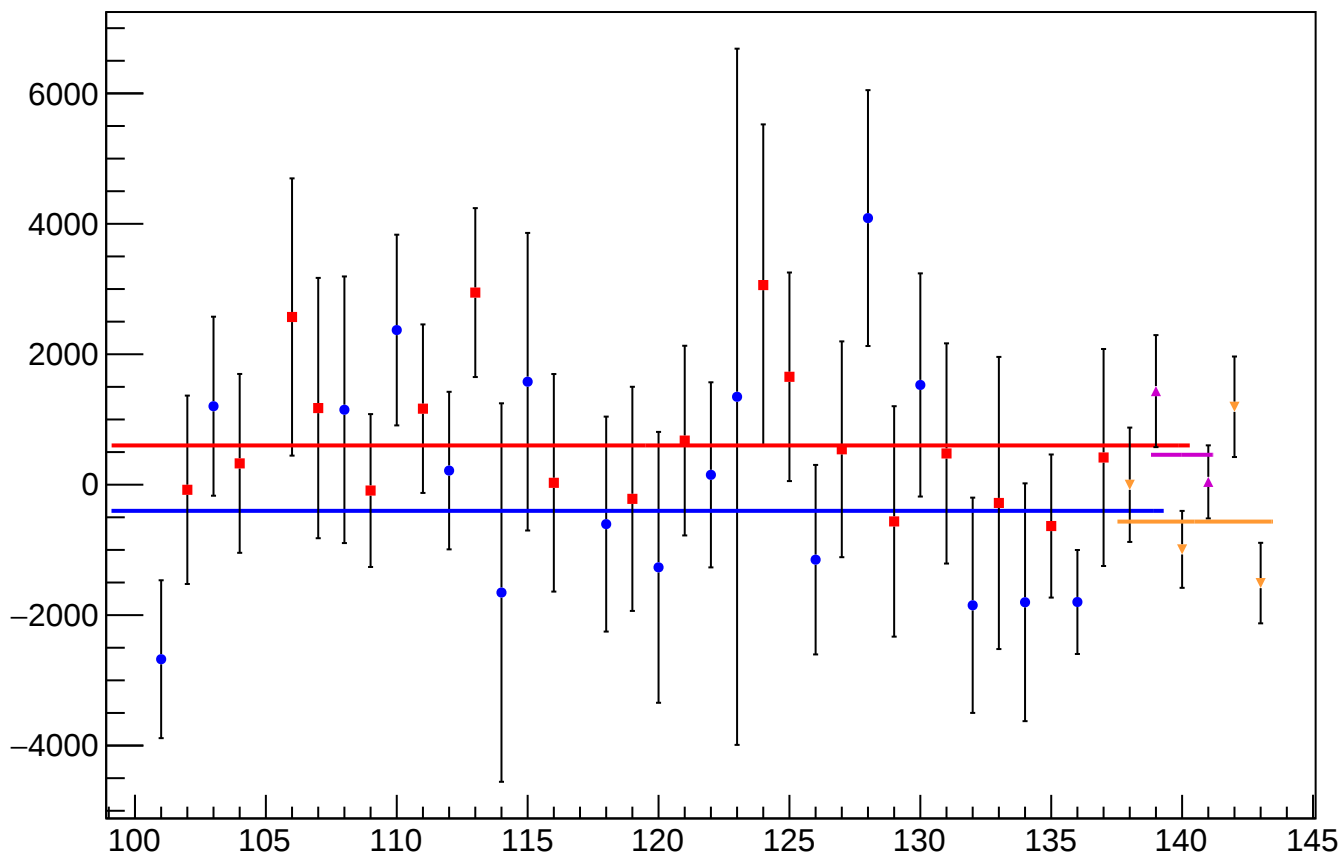
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 79.602 $\pm$ 0.020 χ^2 /NDF:449969.8/18

Out: 81.866 $\pm$ 0.019 χ^2 /NDF:546743.5/21

All: 80.779 $\pm$ 0.014 χ^2 /NDF: 1003423.5/40

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -565.614+/-343.369 χ^2/NDF : 8.5/3

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 458.574+/-469.306 χ^2/NDF : 1.8/1

Left: -208.512+/-277.116 χ^2/NDF : 13.4/5

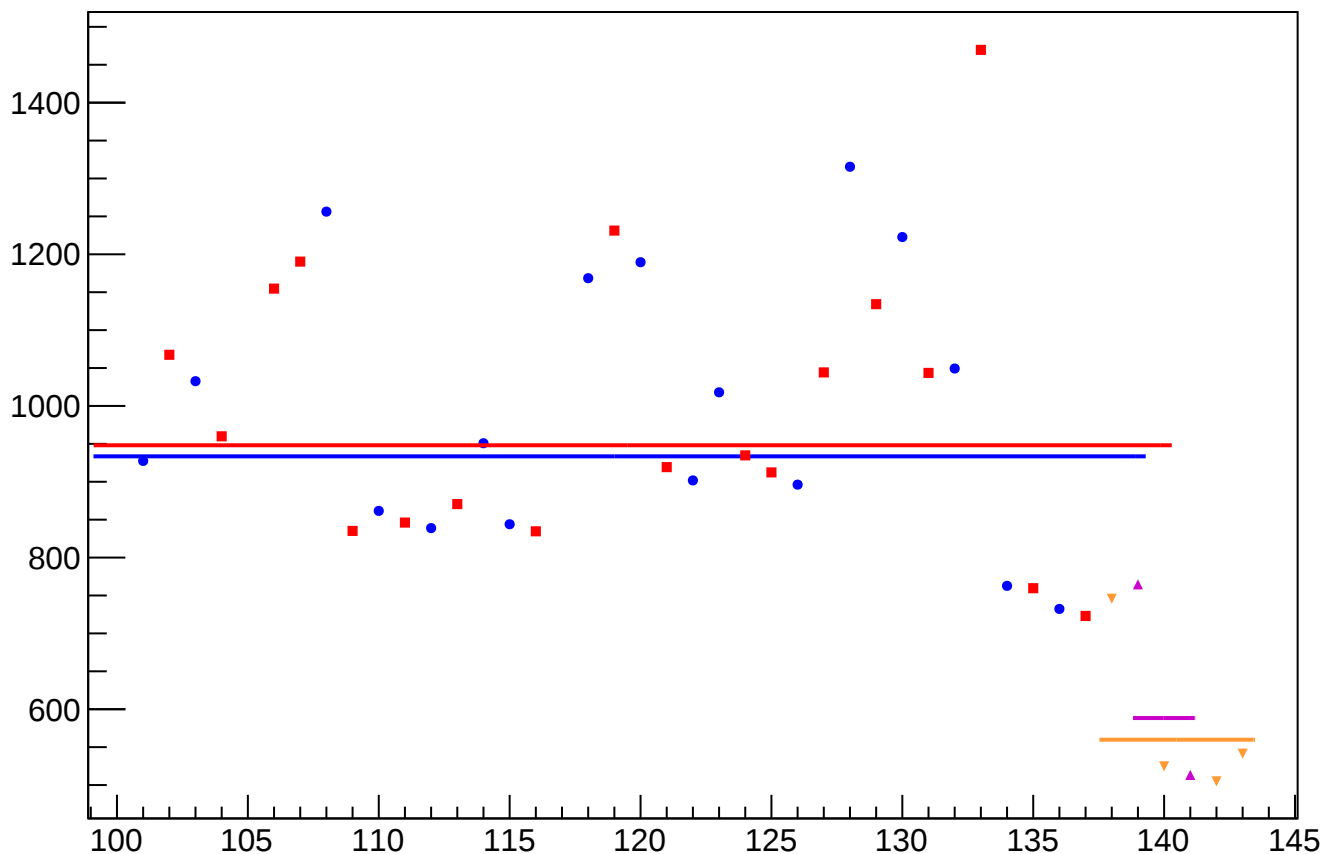
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: -73.214+/-289.821 χ^2/NDF : 25.8/18

Out: -15.352+/-249.666 χ^2/NDF : 22.6/21

All: -40.000+/-189.158 χ^2/NDF : 48.5/40

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 559.799 $\pm$ 0.243 χ^2 /NDF:109022.3/3

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 588.374 $\pm$ 0.332 χ^2 /NDF:120192.6/1

Left: 569.762 $\pm$ 0.196 χ^2 /NDF: 234044.4/5

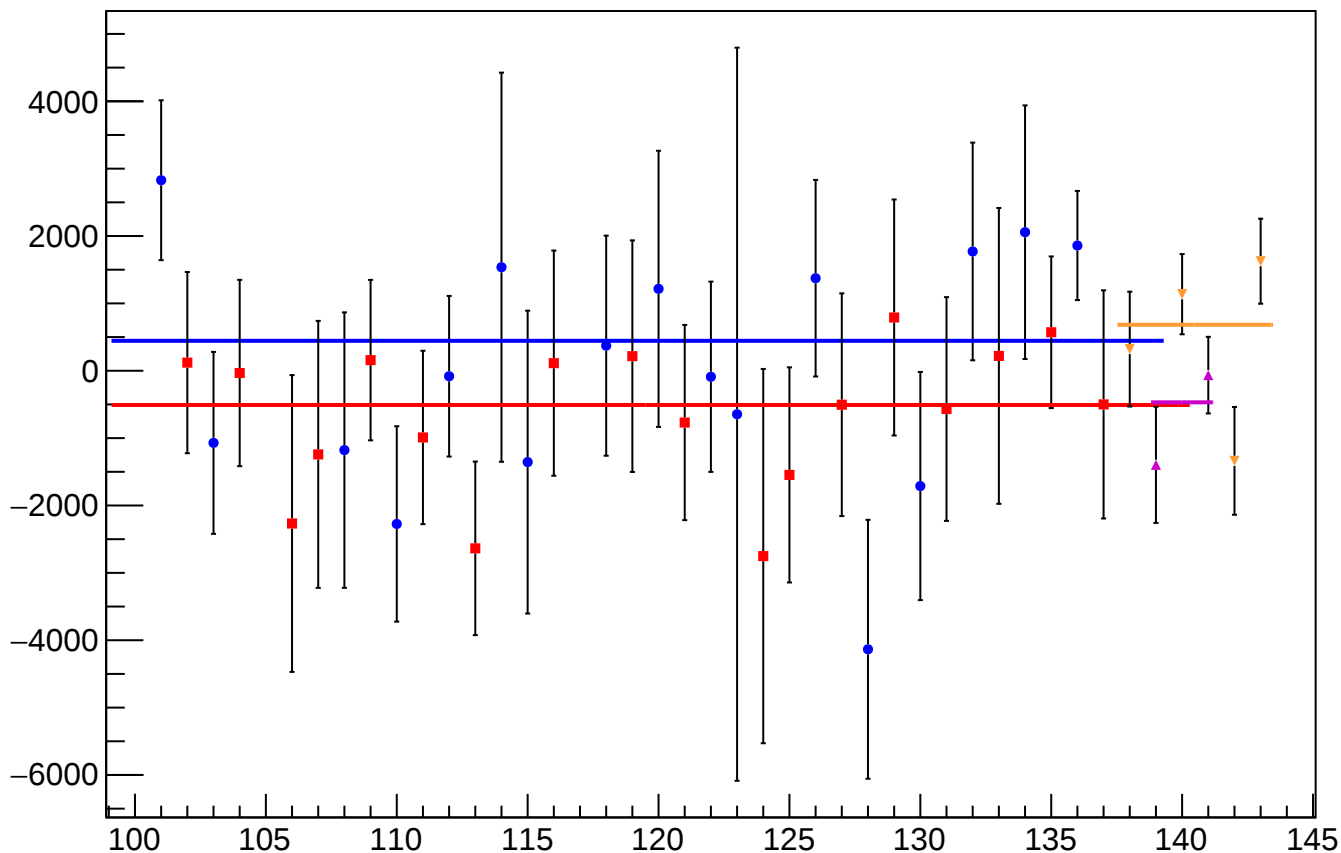
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 801.898 $\pm$ 0.205 χ^2 /NDF:1231751.0/18

Out: 742.825 $\pm$ 0.177 χ^2 /NDF:1719836.7/21

All: 767.989 $\pm$ 0.134 χ^2 /NDF: 2999282.9/40

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 682.624 $\pm$ 347.622 χ^2 /NDF:9.4/3

Right Out: -508.221 $\pm$ 364.112 χ^2 /NDF: 7.3/17

Left In: -468.671 $\pm$ 474.545 χ^2 /NDF:1.7/1

Left: 280.572 $\pm$ 280.431 χ^2 /NDF: 14.9/5

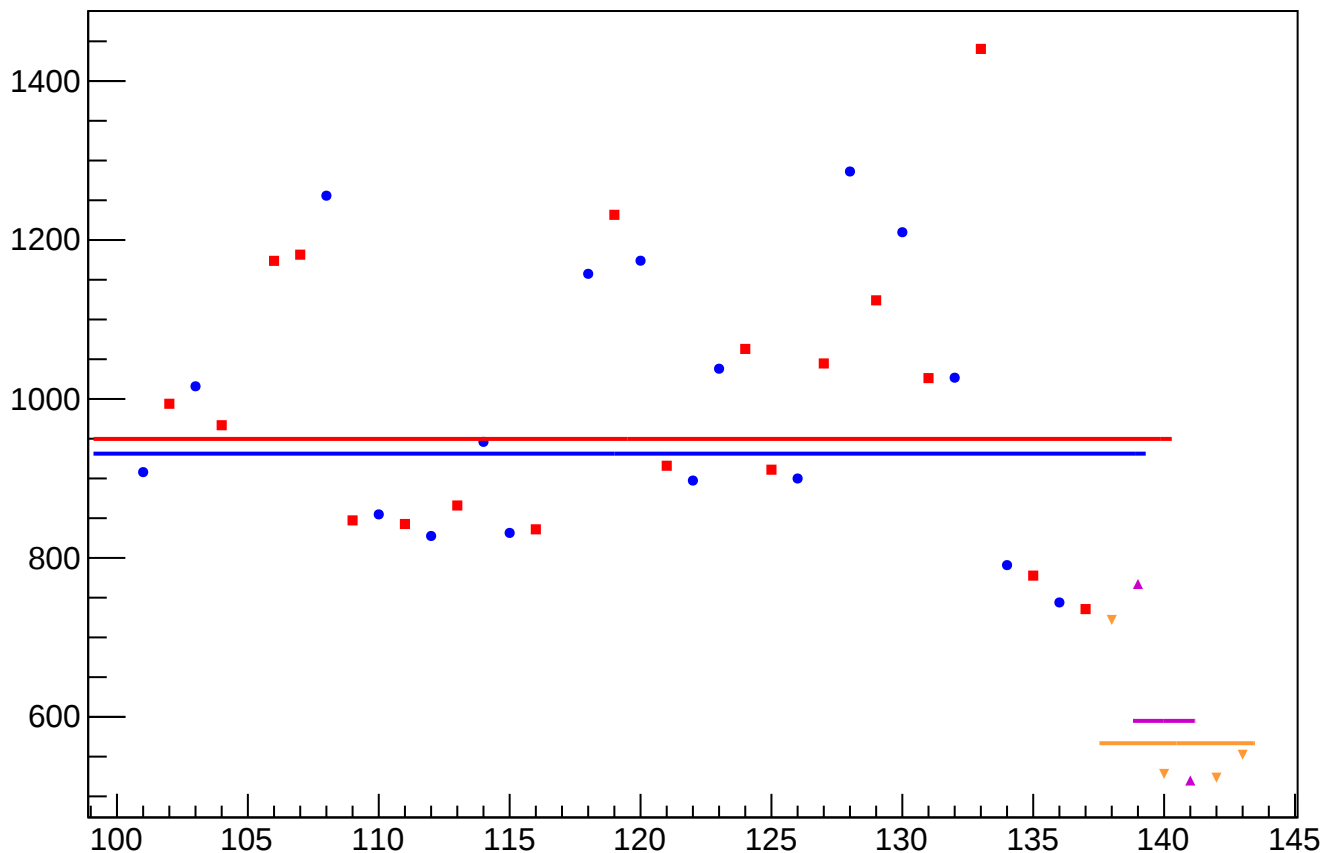
Right: -35.668 $\pm$ 258.516 χ^2 /NDF: 33.6/34

In: 102.729 $\pm$ 290.360 χ^2 /NDF:26.9/18

Out: 114.777 $\pm$ 251.433 χ^2 /NDF:22.3/21

All: 109.614 $\pm$ 190.074 χ^2 /NDF: 49.2/40

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: 949.740 $\pm$ 0.257 χ^2/NDF : 365550.8/17

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

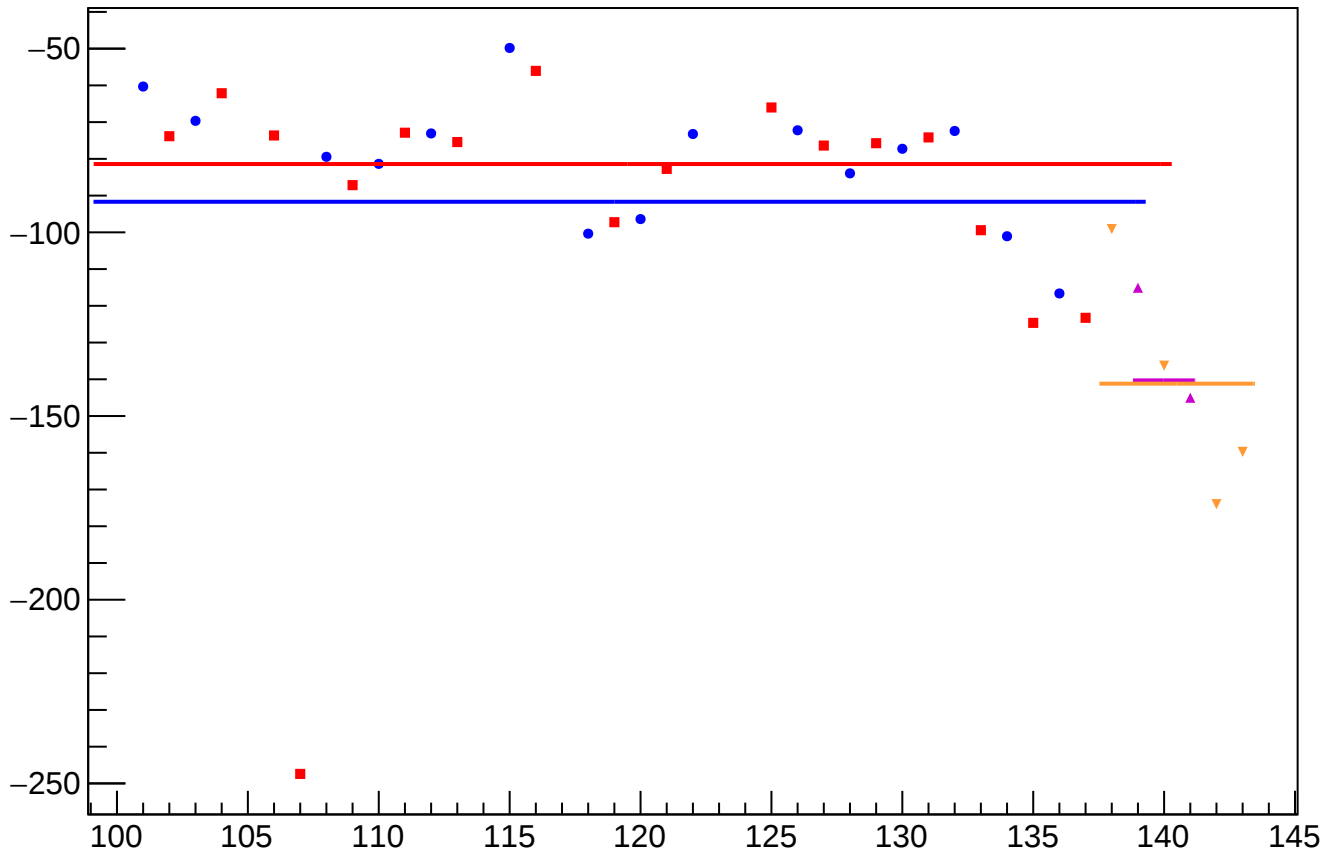
Right: 940.547 $\pm$ 0.183 χ^2/NDF : 768363.9/34

In: 805.320 $\pm$ 0.205 χ^2/NDF : 1143144.4/18

Out: 749.439 $\pm$ 0.178 χ^2/NDF : 1604021.9/21

All: 773.385 $\pm$ 0.134 χ^2/NDF : 2789499.2/40

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

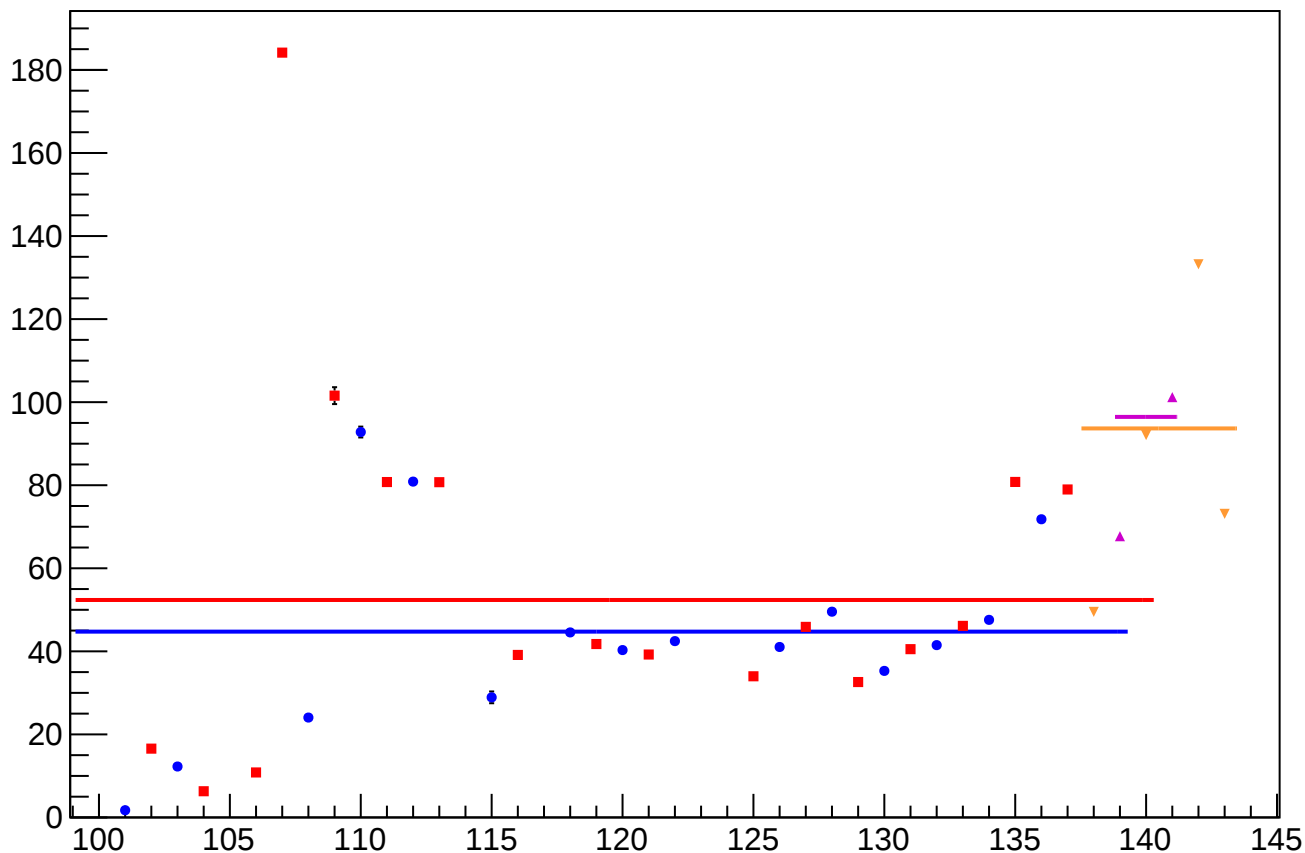
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

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

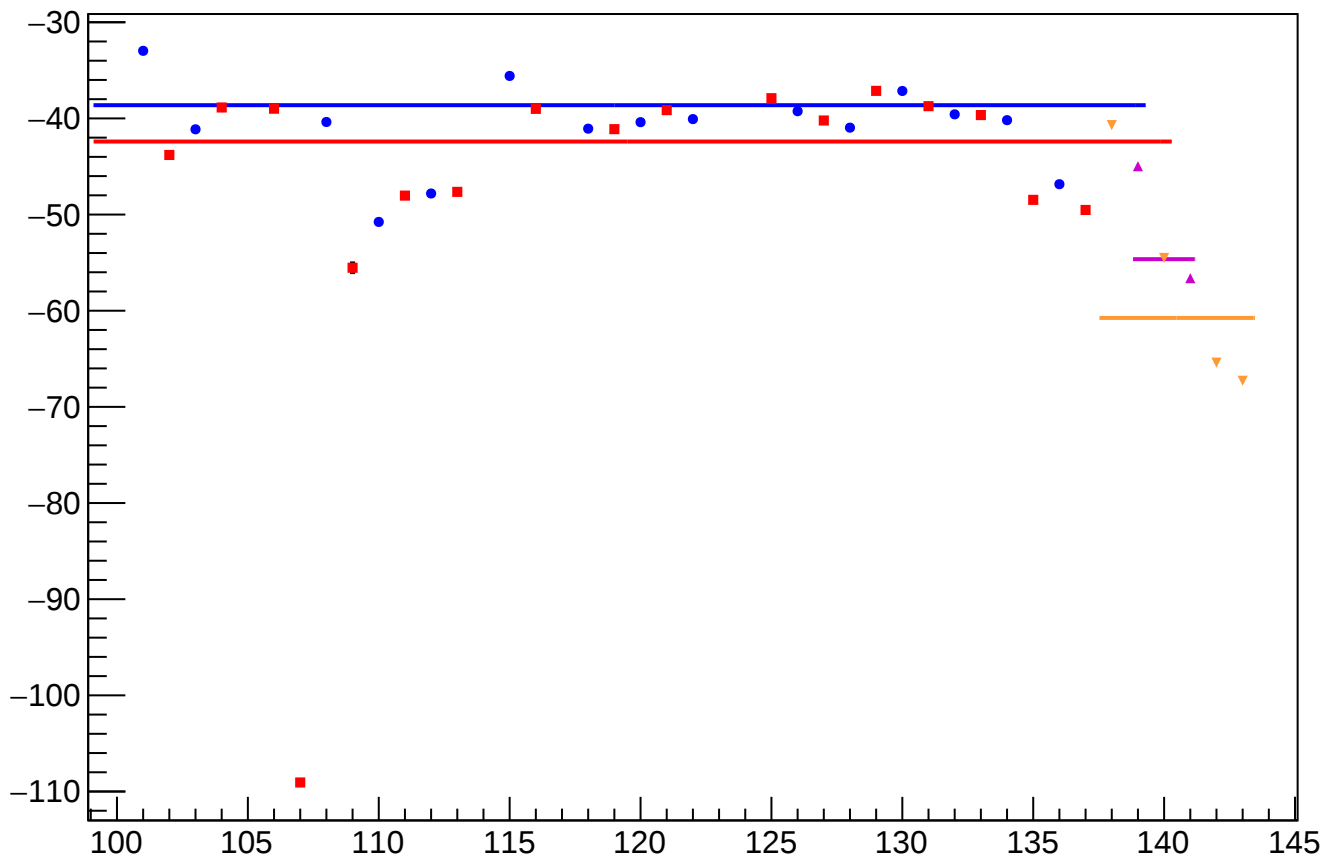
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

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 $\chi^2/\text{NDF}: 37428.5/5$

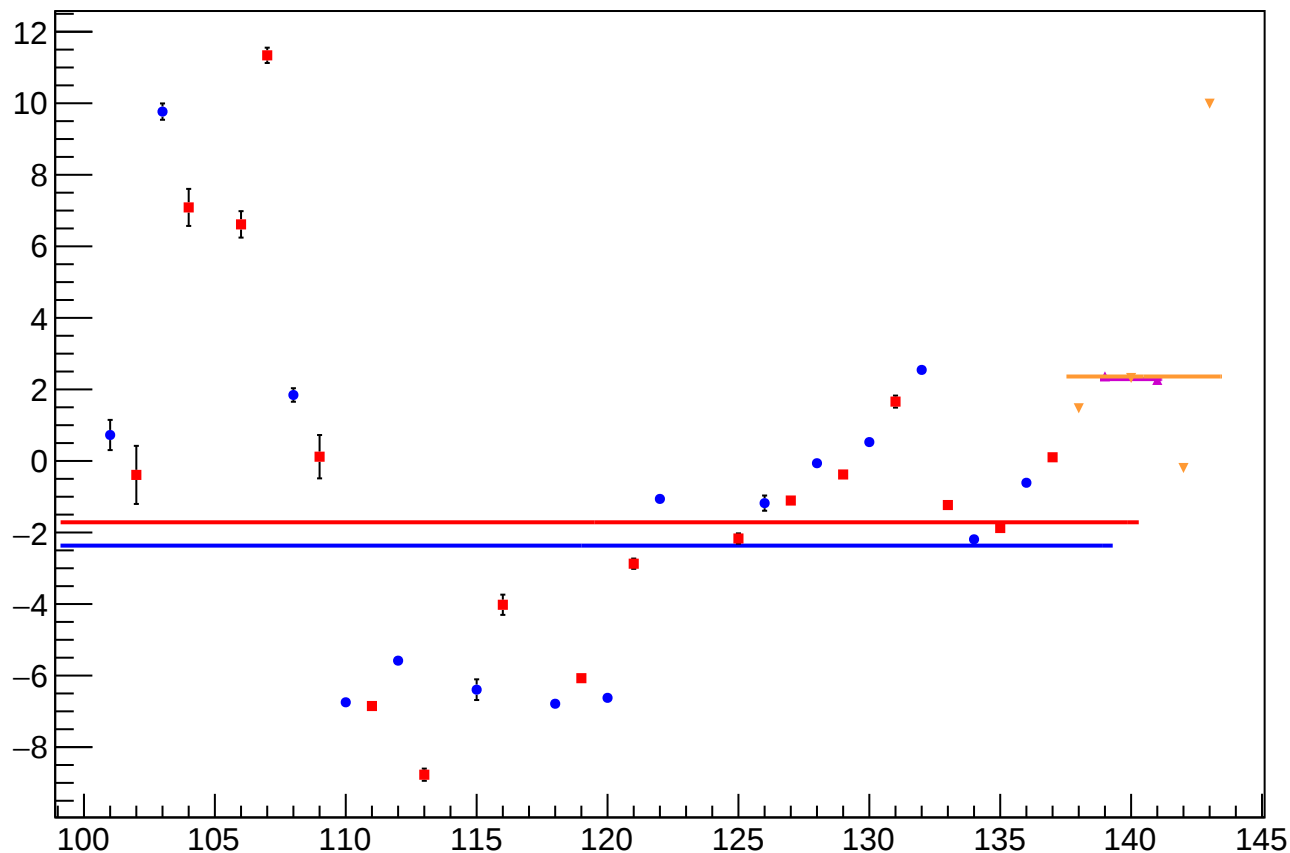
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

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 $\chi^2/\text{NDF}: 4710.8/5$

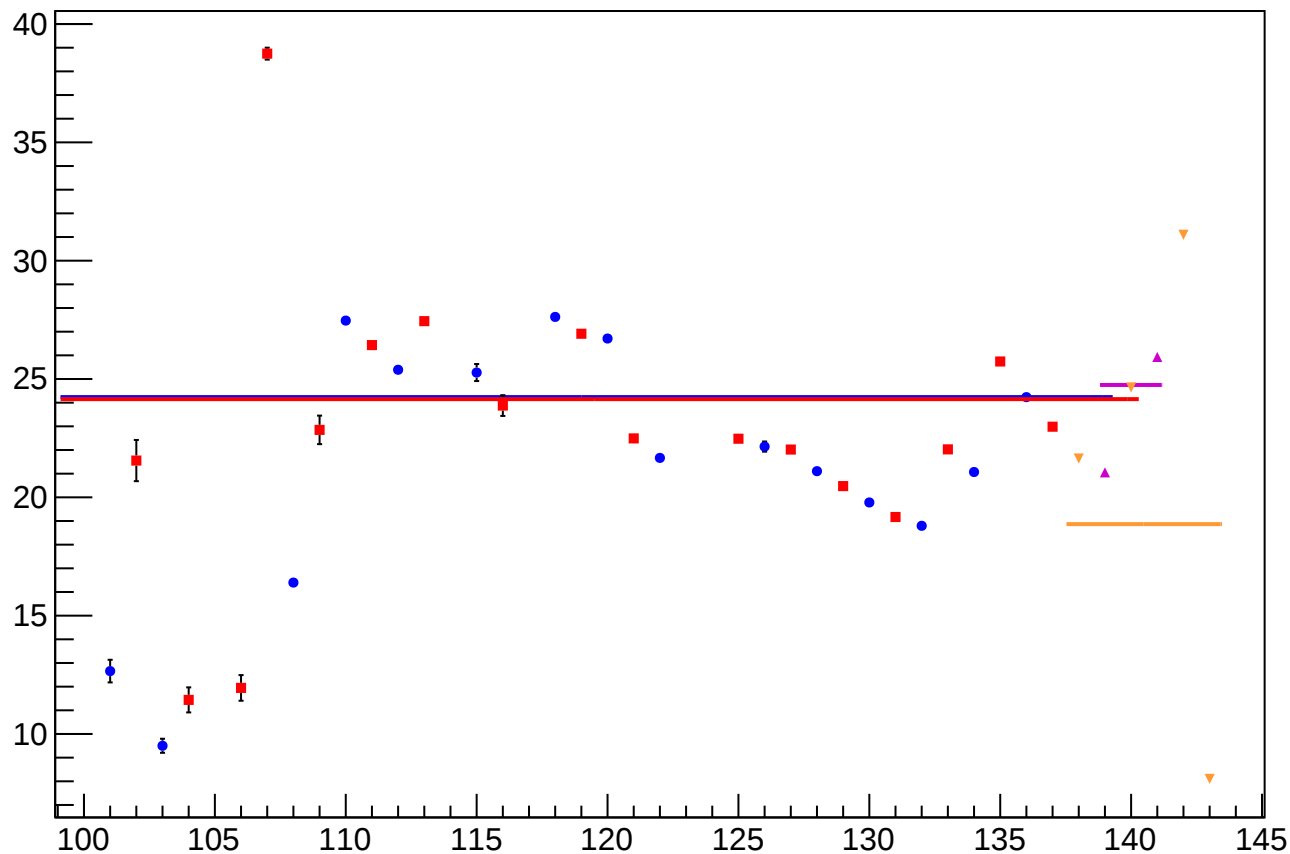
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

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

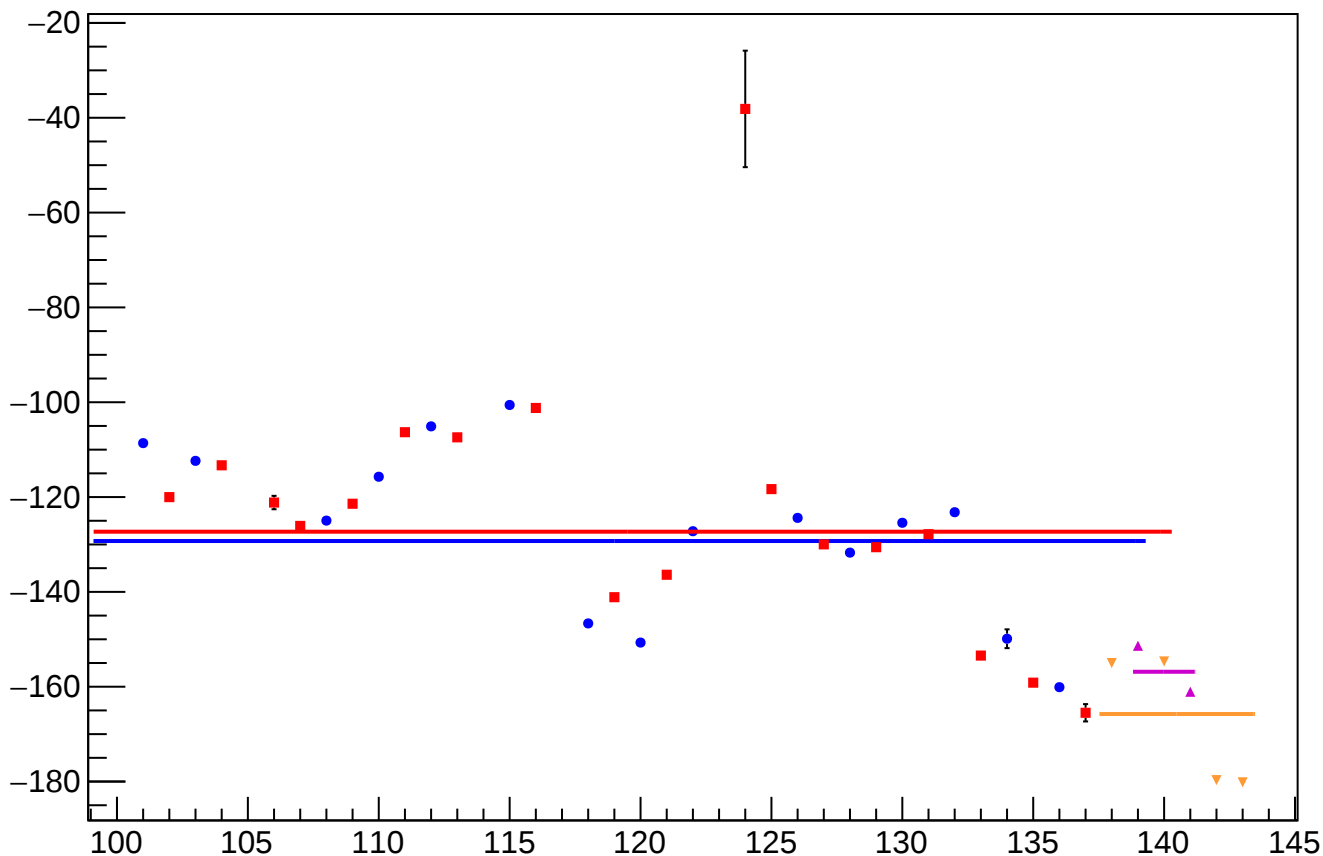
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

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

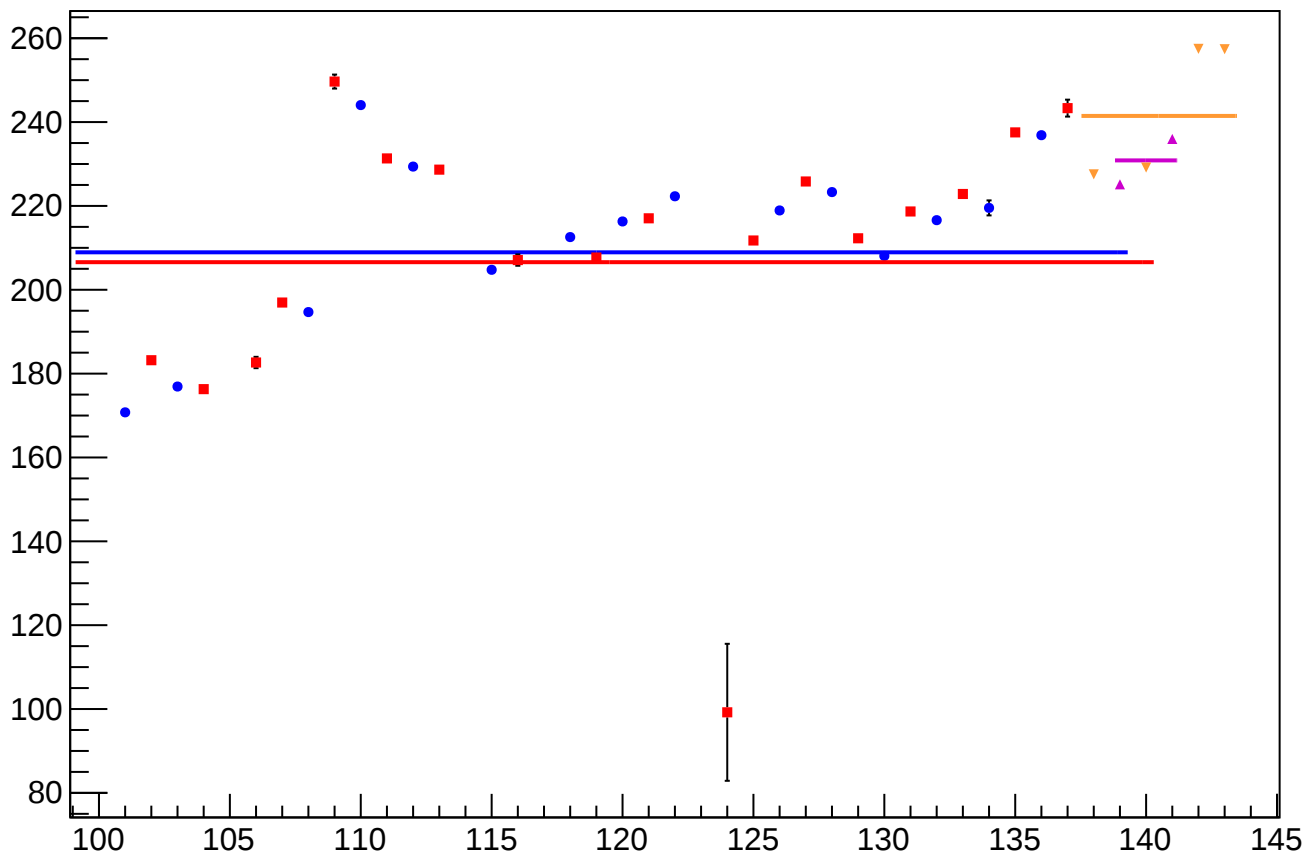
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

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

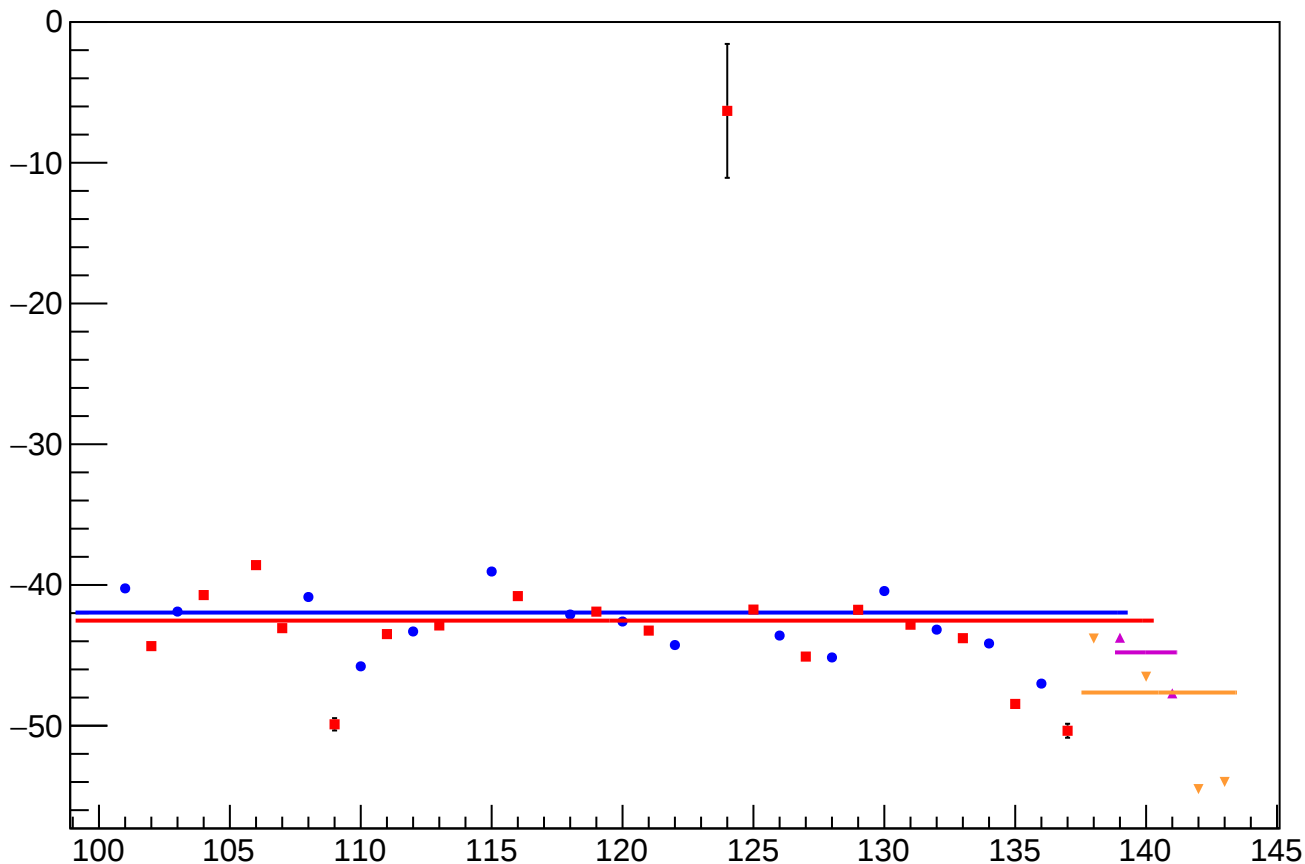
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

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 $\chi^2/\text{NDF}: 46429.6/5$

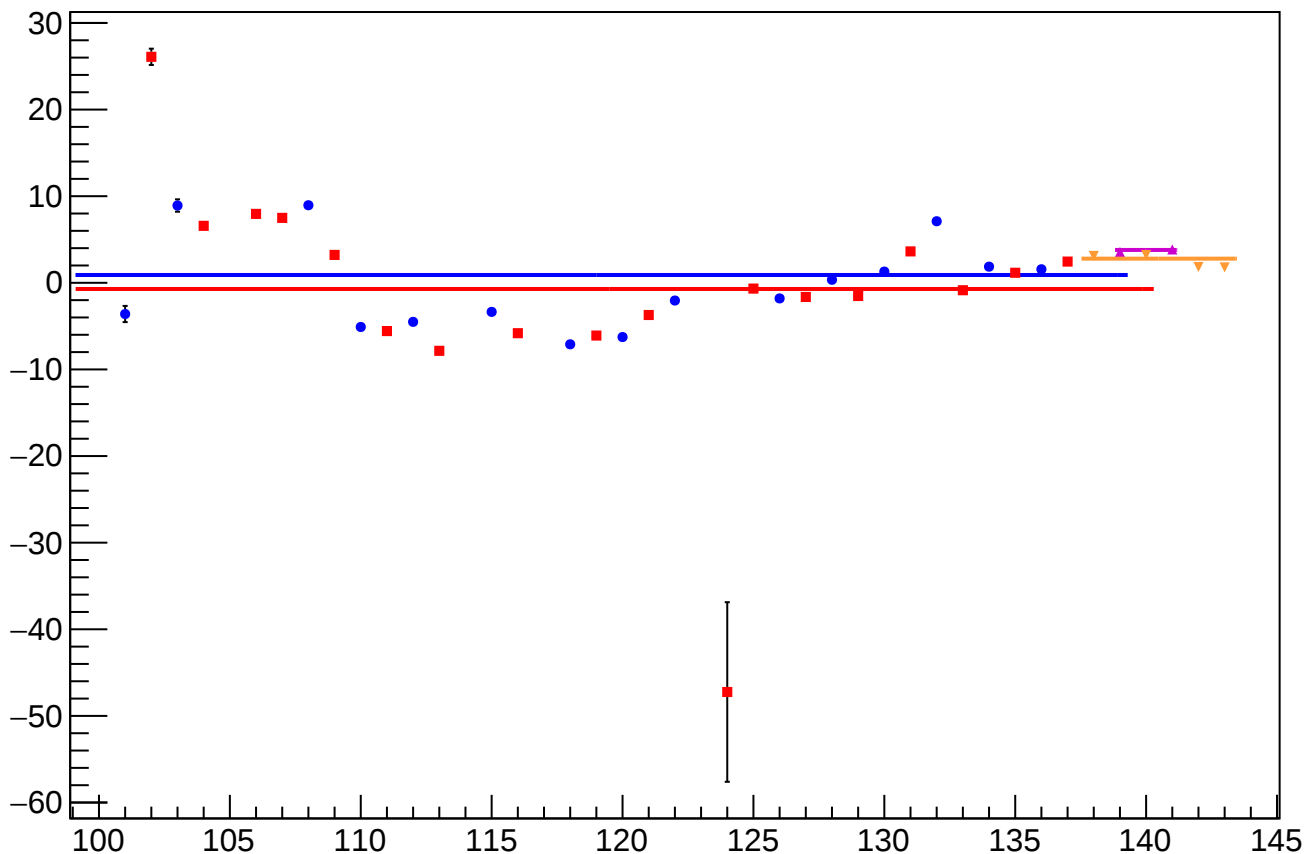
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

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 $\chi^2/\text{NDF}: 1577.6/5$

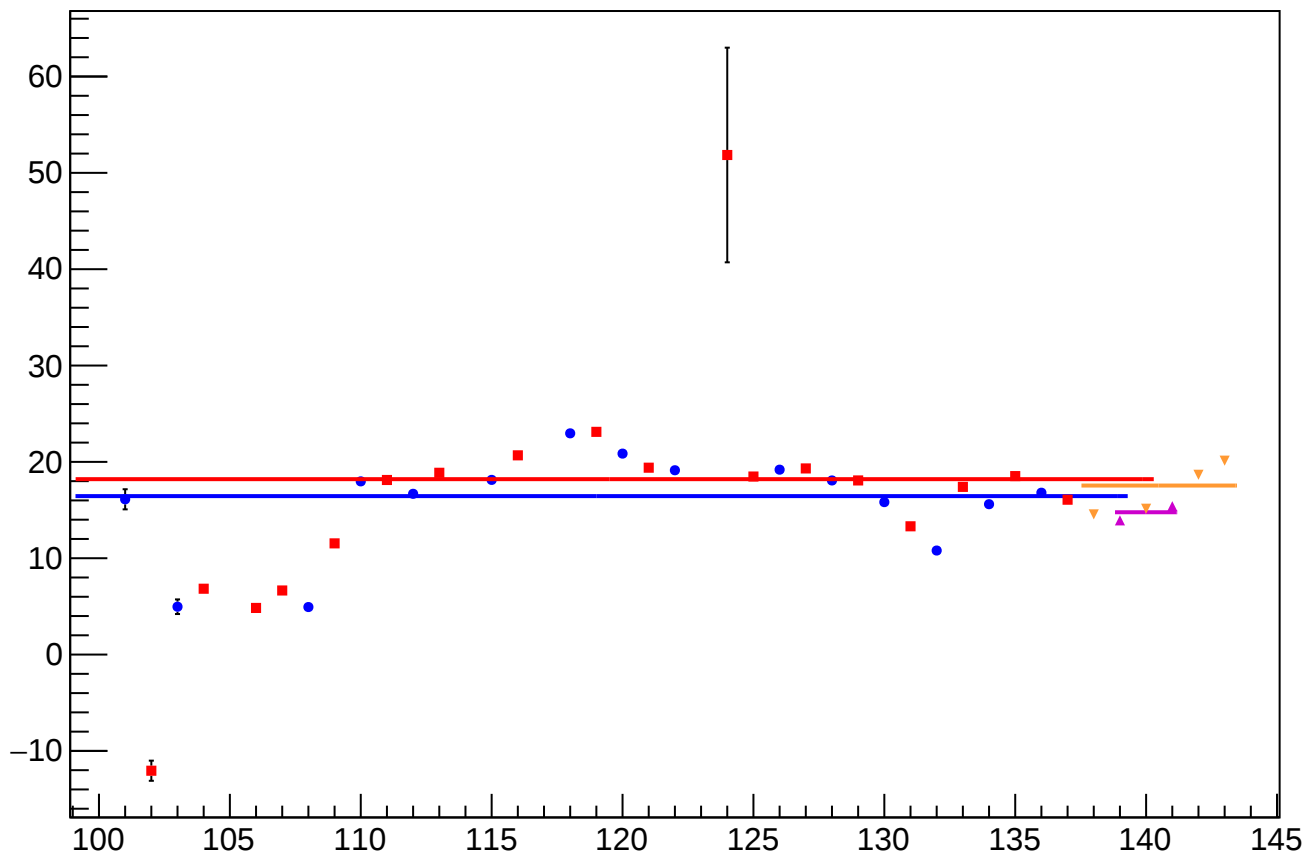
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

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 $\pm$ 0.024 χ^2/NDF : 14183.1/14

Left Out: 17.544 $\pm$ 0.028 χ^2/NDF : 7211.3/3

Right Out: 18.207 $\pm$ 0.020 χ^2/NDF : 27493.7/17

Left In: 14.772 $\pm$ 0.031 χ^2/NDF : 537.7/1

Left: 16.305 $\pm$ 0.021 χ^2/NDF : 12076.9/5

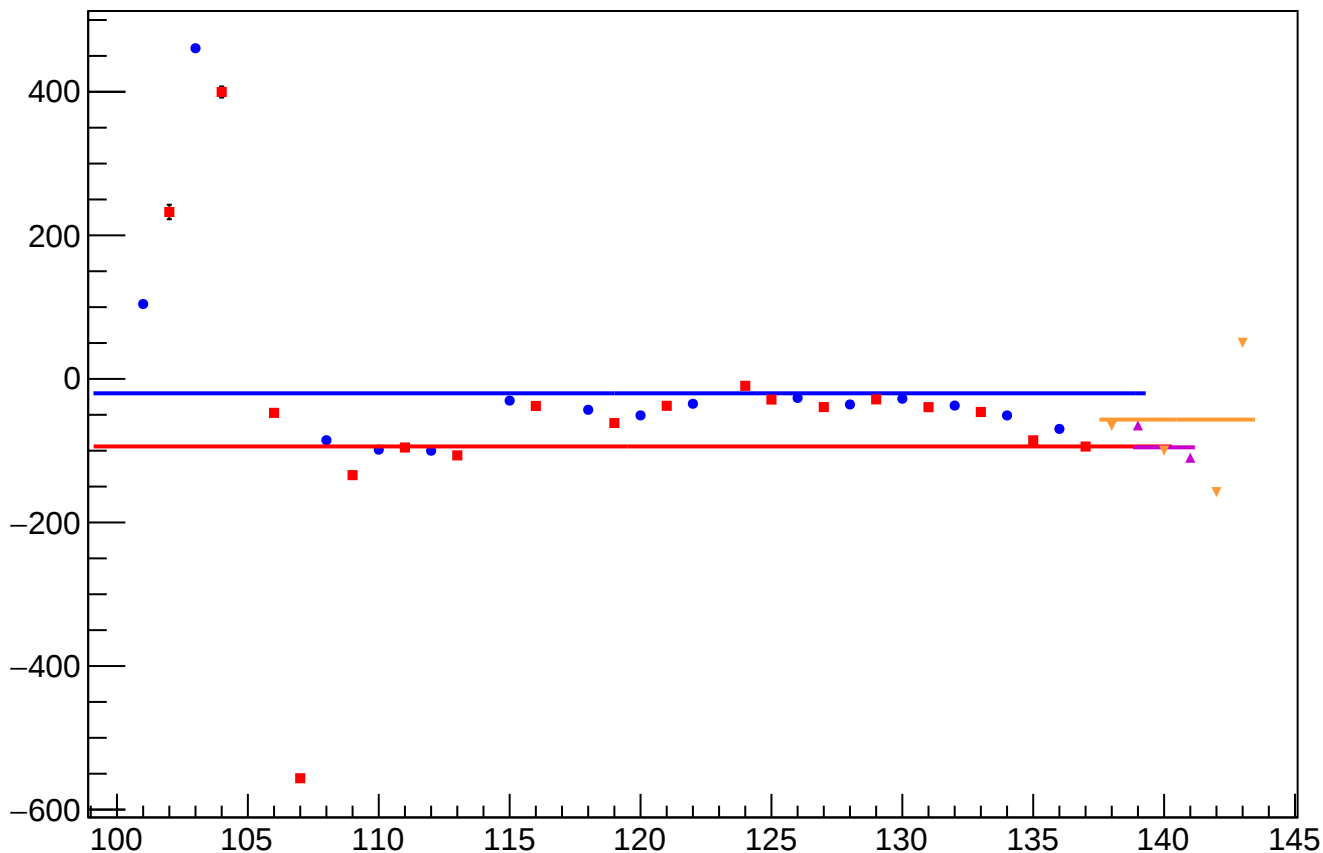
Right: 17.482 $\pm$ 0.016 χ^2/NDF : 44731.9/32

In: 15.815 $\pm$ 0.019 χ^2/NDF : 16499.6/16

Out: 17.978 $\pm$ 0.017 χ^2/NDF : 35067.4/21

All: 17.060 $\pm$ 0.013 χ^2/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 $\chi^2/\text{NDF}: 48656.7/5$

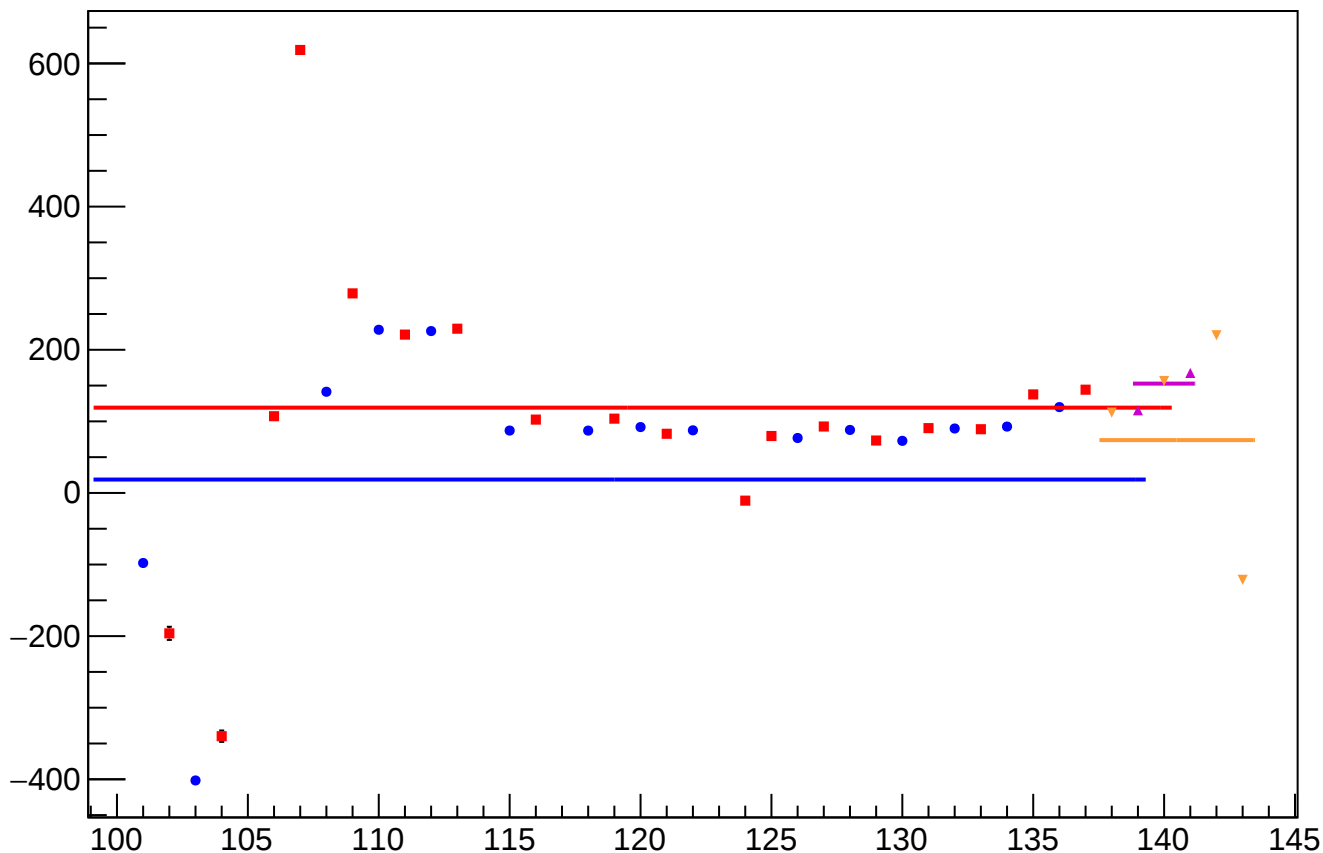
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

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

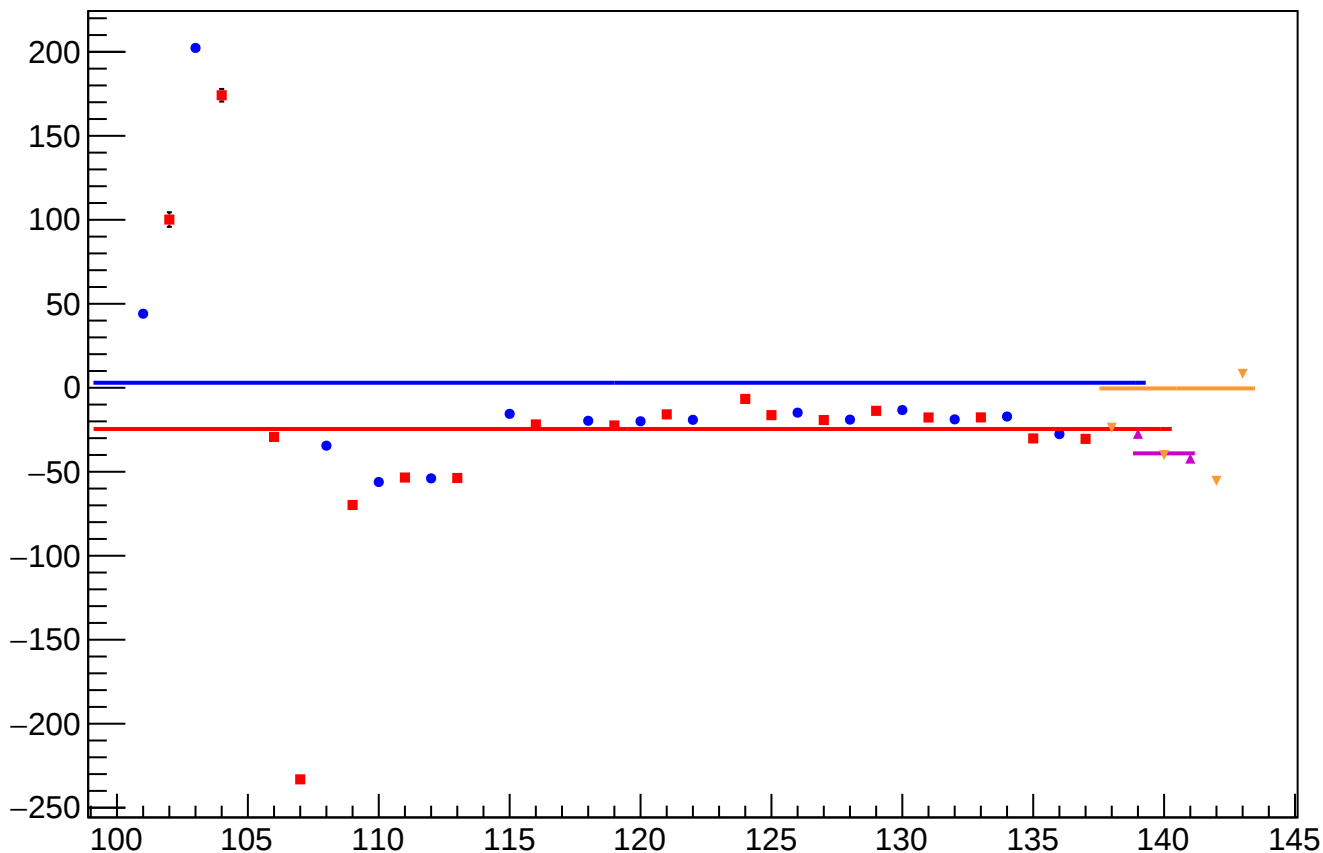
Right: 55.701+/-0.121 χ^2 /NDF: 1349806.5/32

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

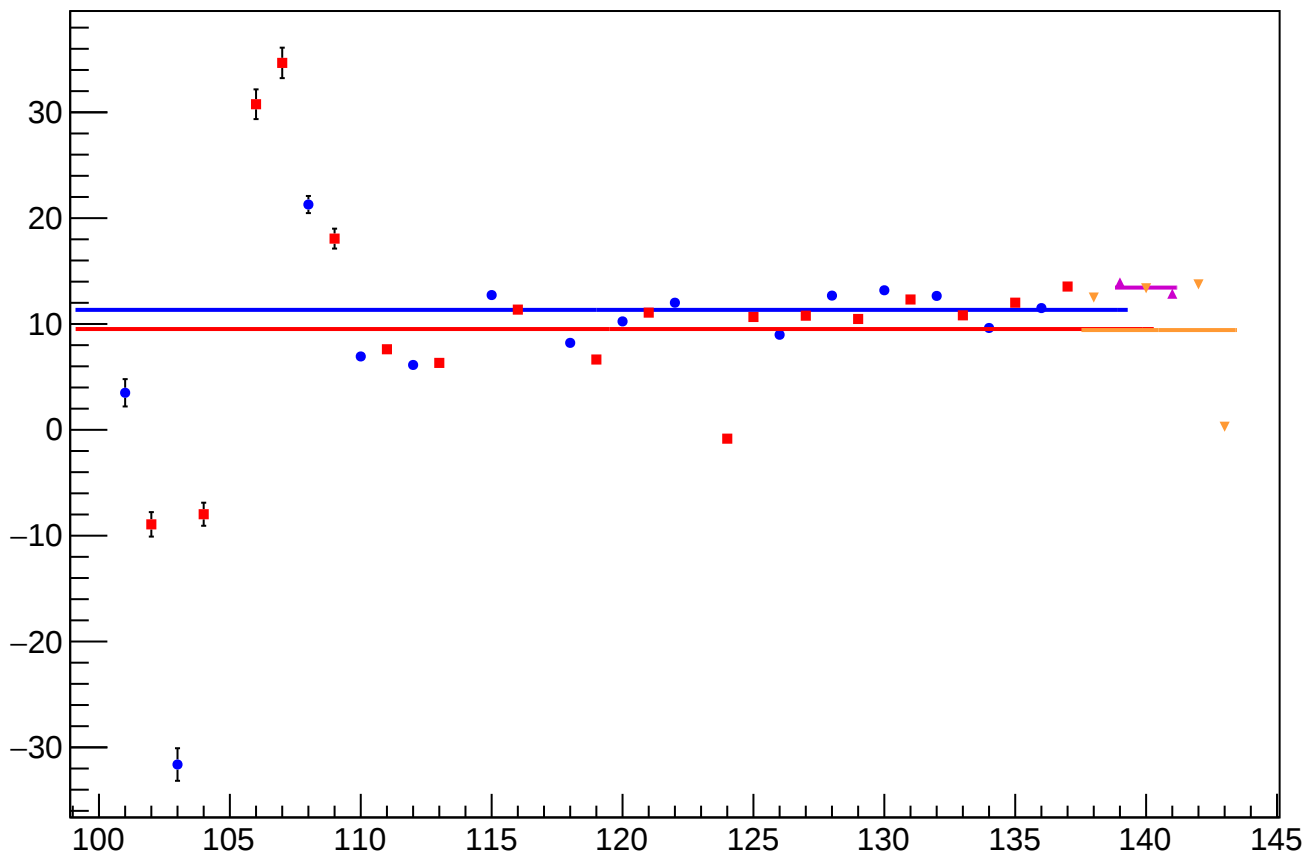
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

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

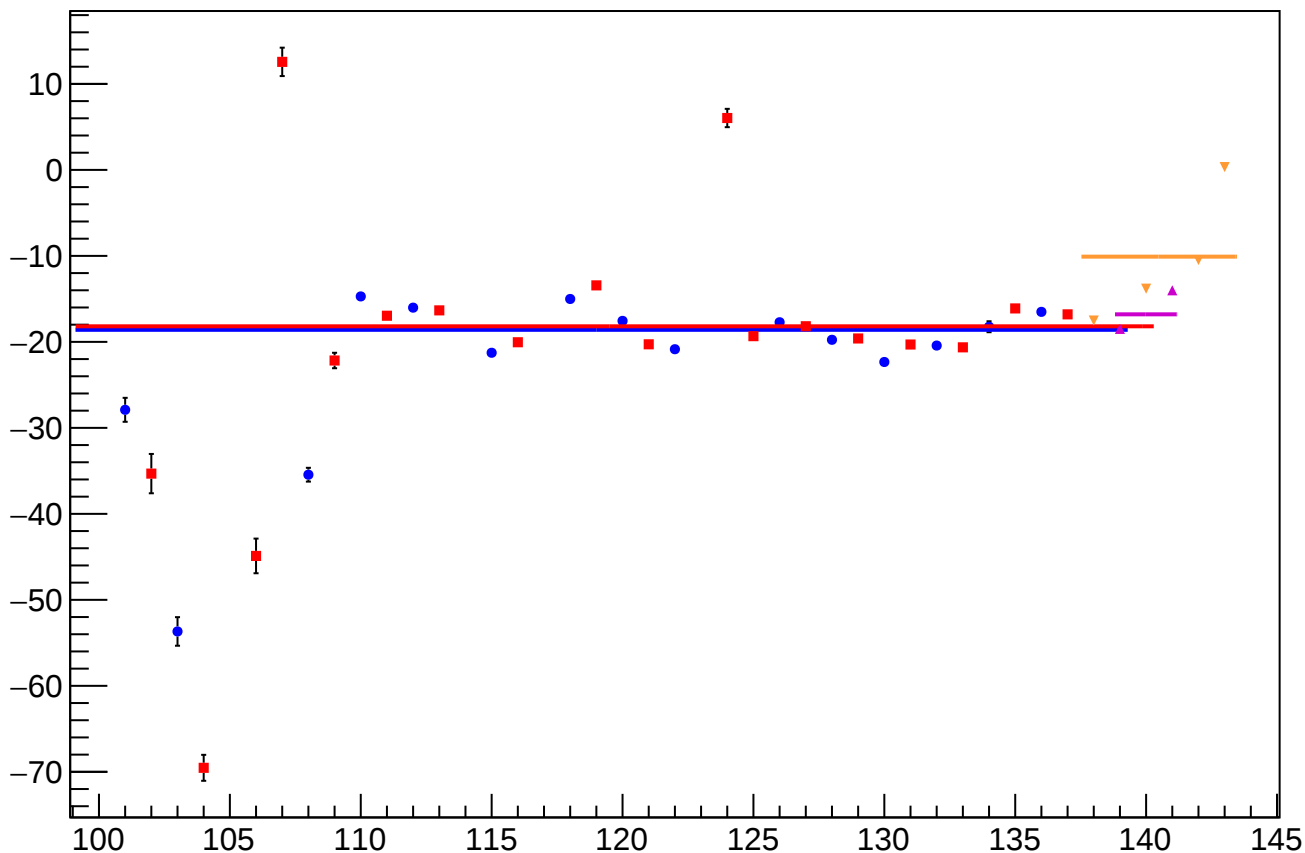
Right: 10.651+/-0.029 χ^2/NDF : 7358.3/32

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 $\chi^2/\text{NDF}: 21275.8/5$

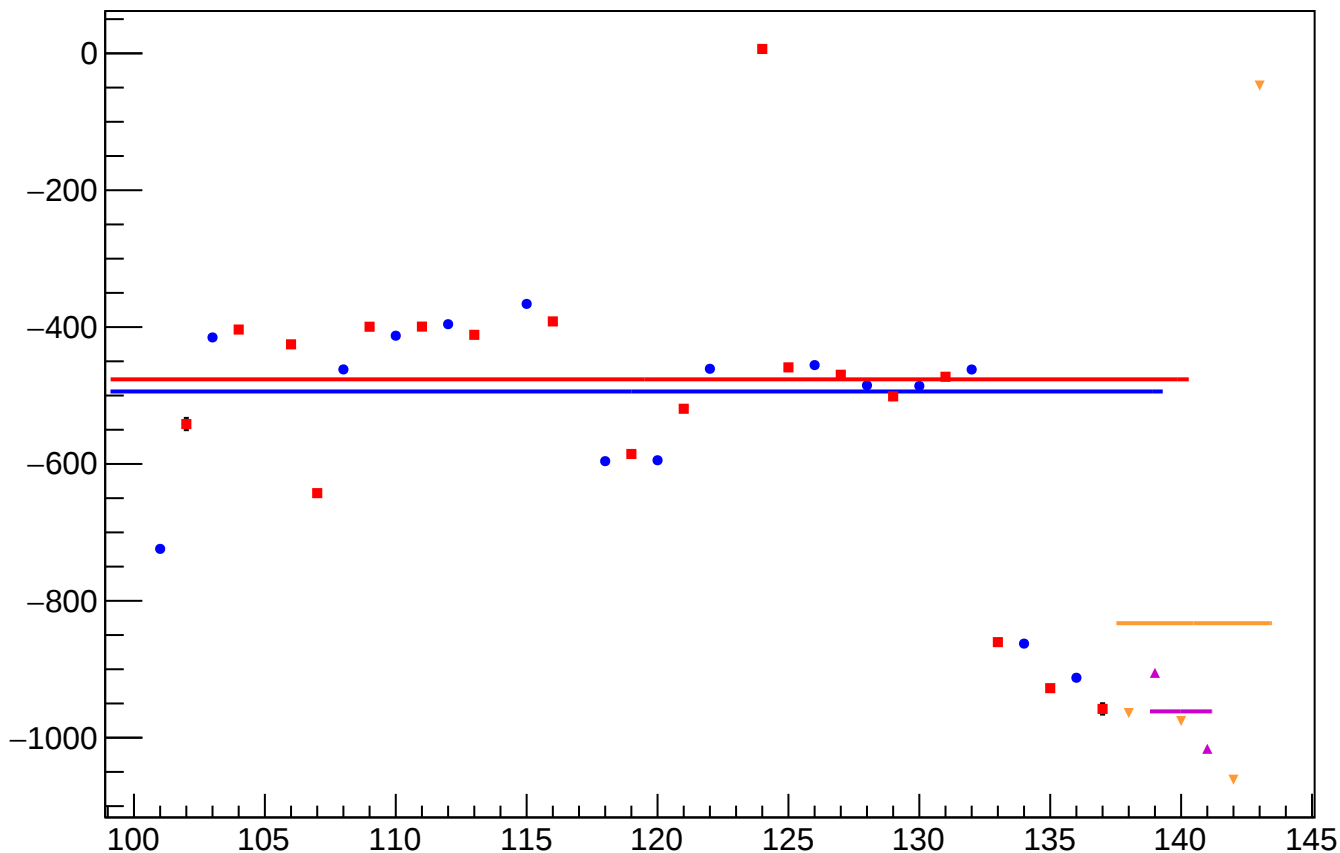
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

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 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -832.683 $\pm$ 0.698 χ^2 /NDF:262713.8/3

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -961.556 $\pm$ 0.732 χ^2 /NDF:5740.1/1

Left: -894.075 $\pm$ 0.505 χ^2 /NDF: 284669.9/5

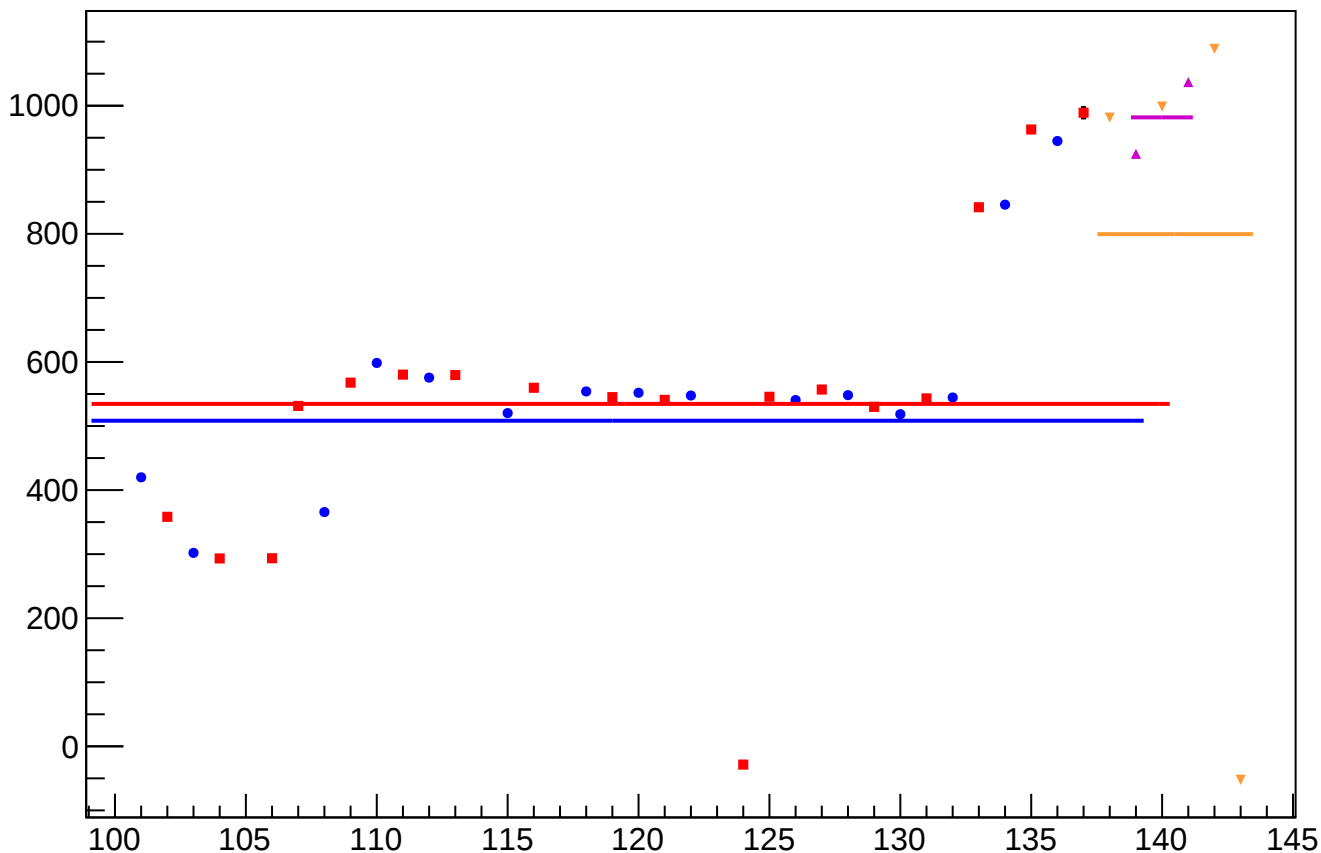
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -536.752 $\pm$ 0.221 χ^2 /NDF:702031.2/16

Out: -499.736 $\pm$ 0.179 χ^2 /NDF:1099996.1/21

All: -514.375 $\pm$ 0.139 χ^2 /NDF: 1818948.2/38

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 799.559+/-0.683 χ^2/NDF : 395764.2/3

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 981.820+/-0.677 χ^2/NDF : 6844.9/1

Left: 891.484+/-0.481 χ^2/NDF : 438529.4/5

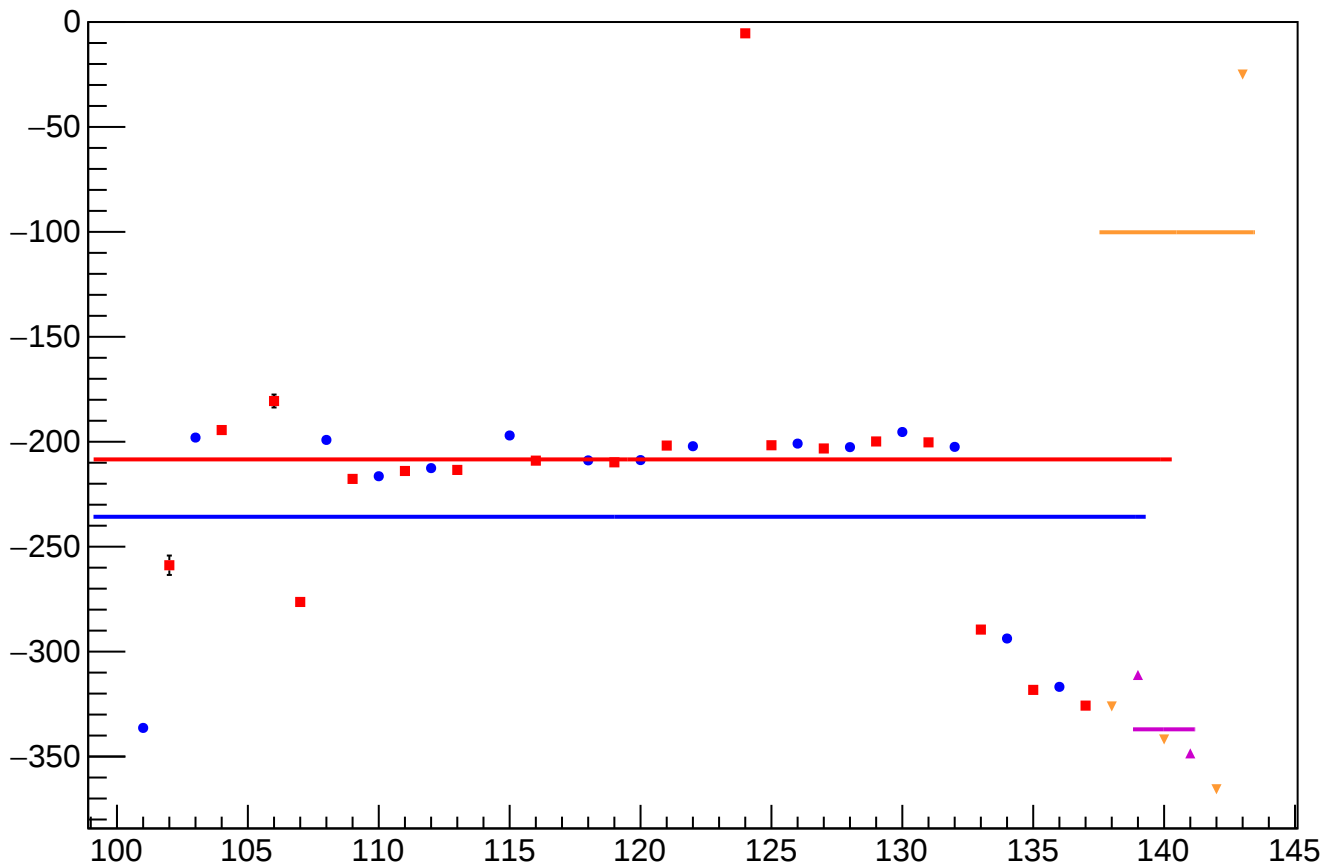
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 554.117+/-0.211 χ^2/NDF : 888205.1/16

Out: 558.874+/-0.207 χ^2/NDF : 900781.6/21

All: 556.538+/-0.148 χ^2/NDF : 1789246.1/38

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 $\chi^2/\text{NDF}: 5009075.8/5$

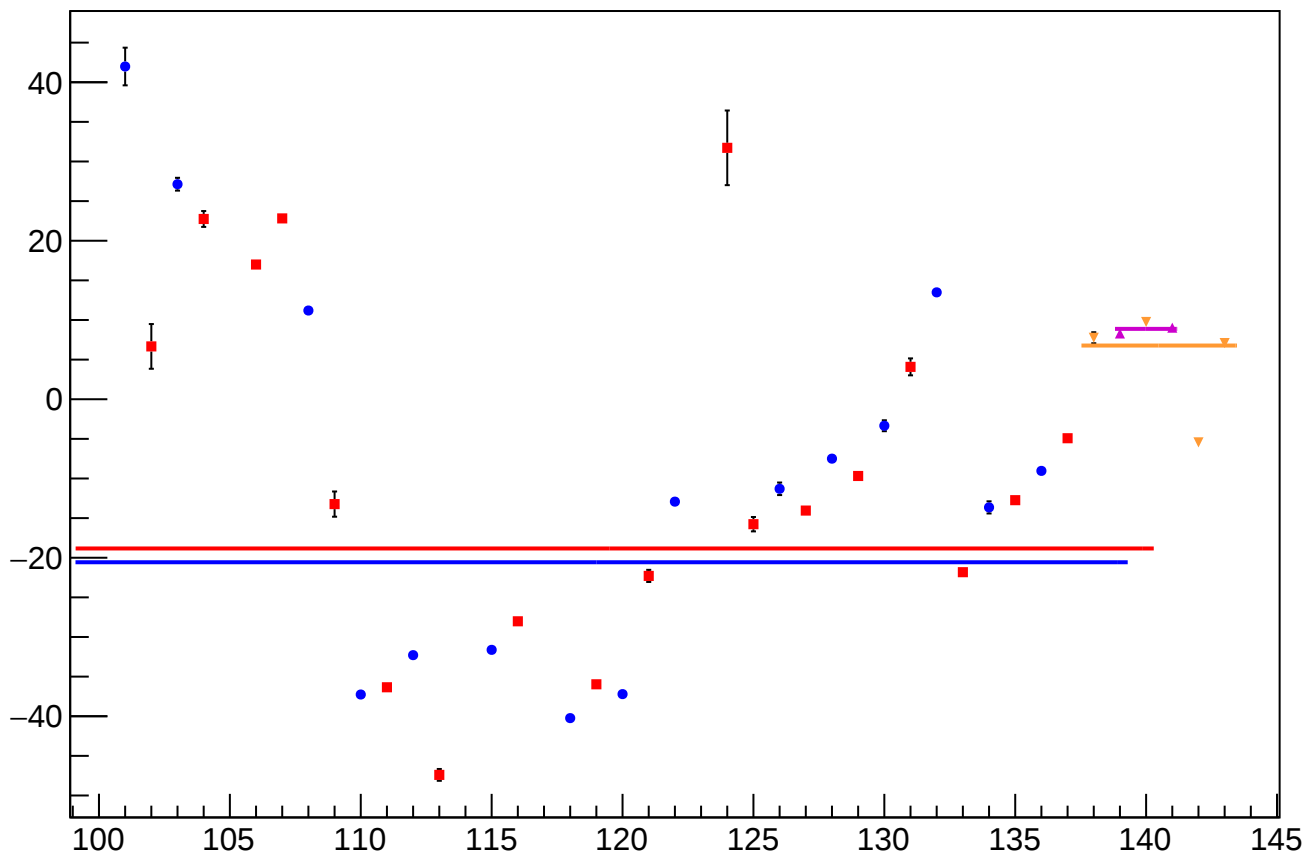
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

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 $\chi^2/\text{NDF}: 1870.2/5$

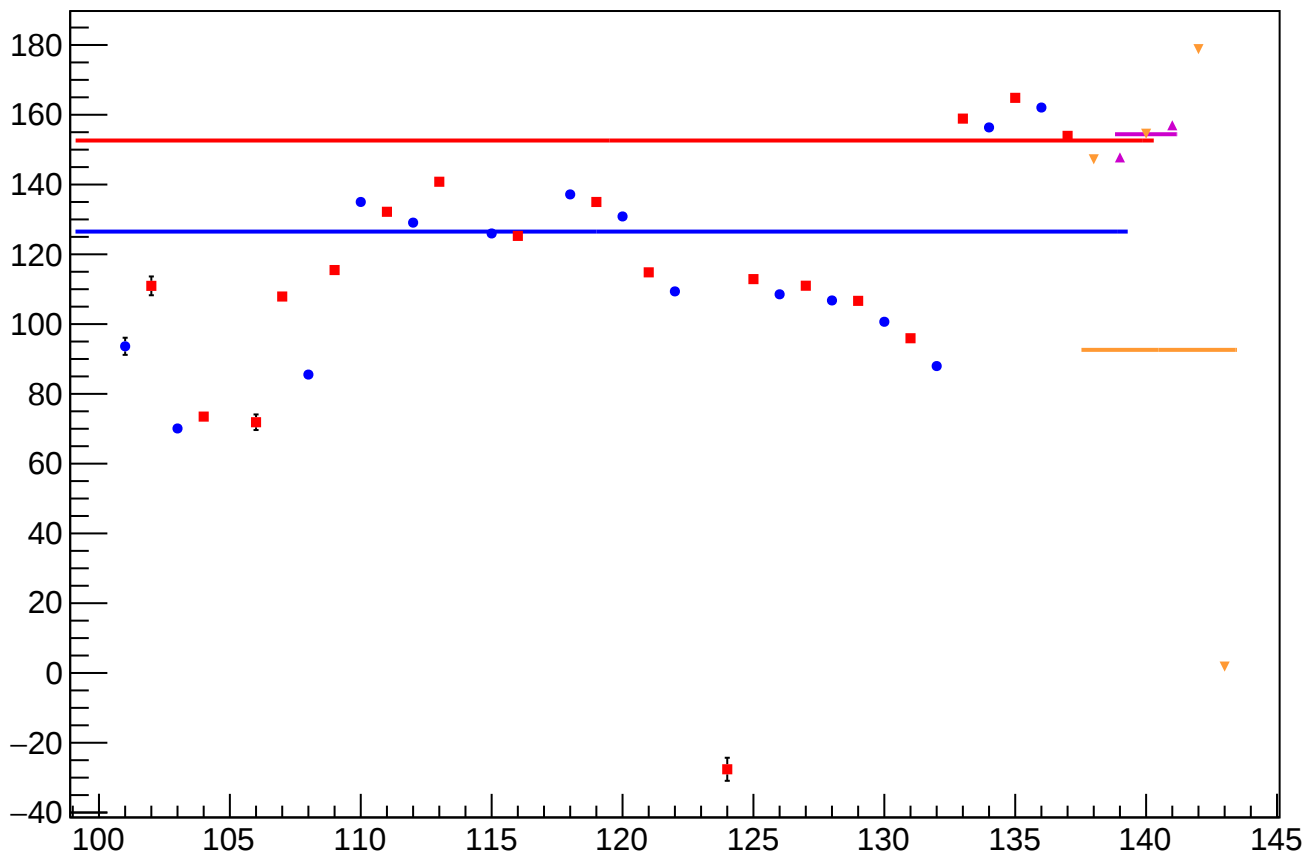
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

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

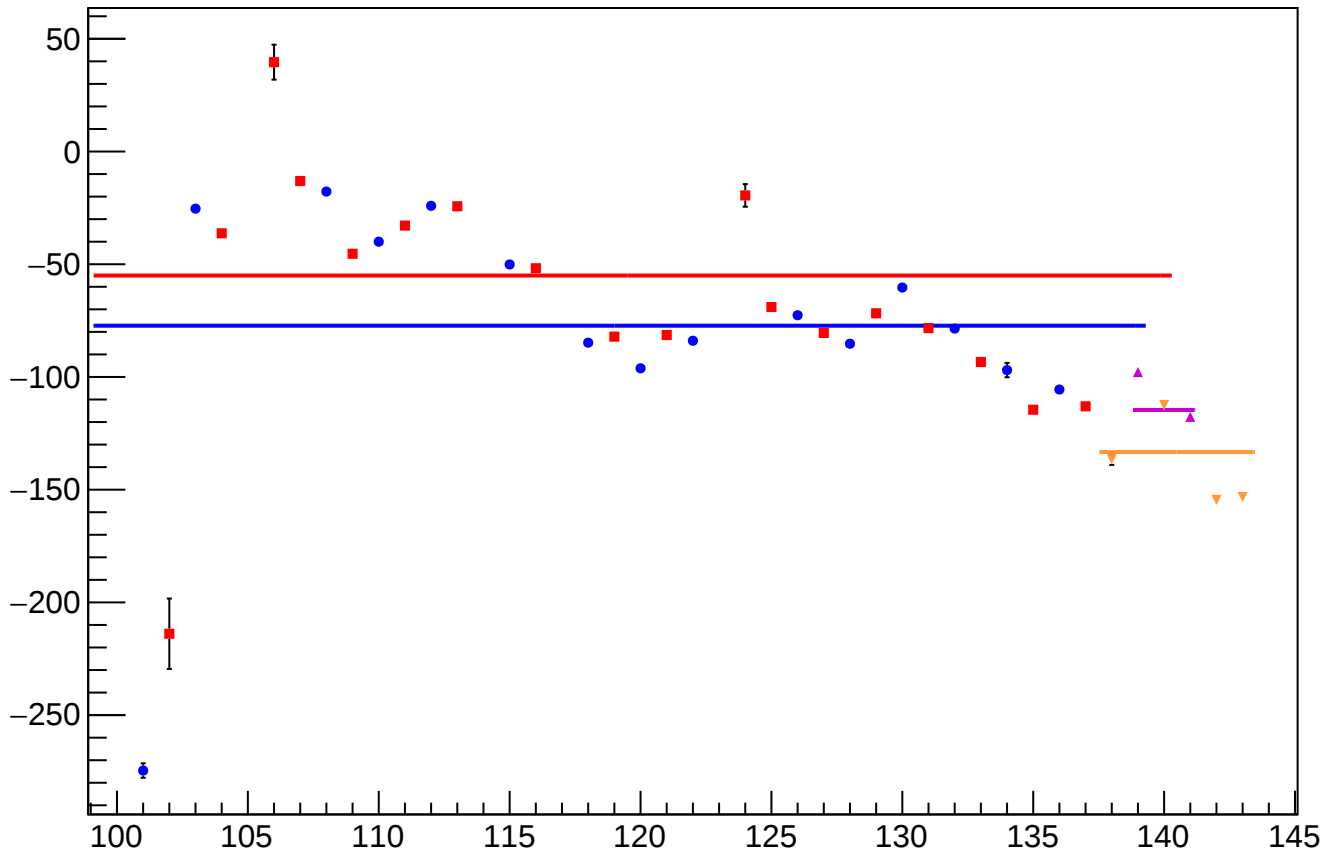
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.313 $\pm$ 0.070 χ^2 /NDF:150861.4/16

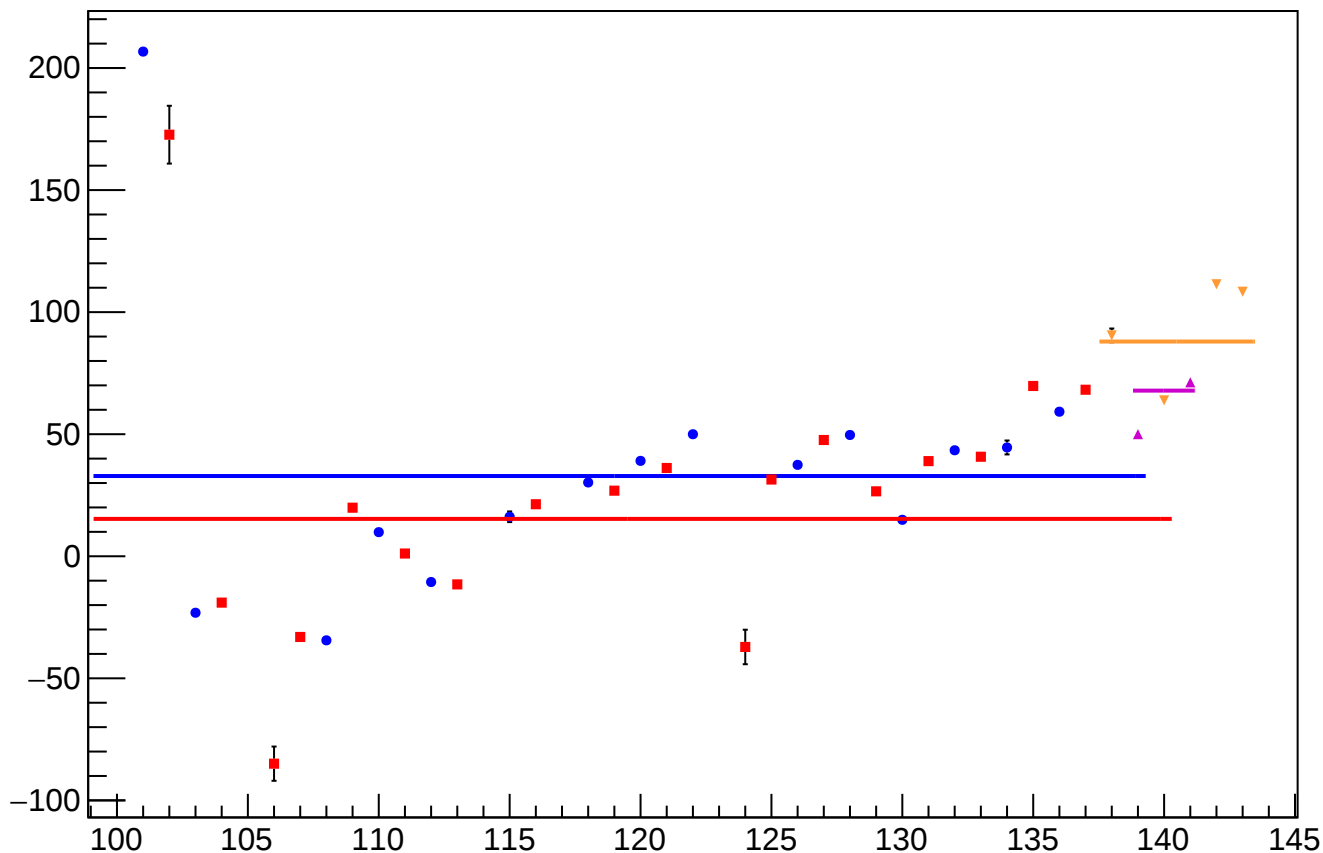
Out: 150.212 $\pm$ 0.030 χ^2 /NDF:506771.9/21

All: 147.907 $\pm$ 0.027 χ^2 /NDF: 696472.5/38

dit_atr1_4aX_slope vs Slug, Sign Corrected



dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 87.959 $\pm$ 0.279 χ^2/NDF : 6562.5/3

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 67.851 $\pm$ 0.270 χ^2/NDF : 834.4/1

Left: 77.573 $\pm$ 0.194 χ^2/NDF : 10084.5/5

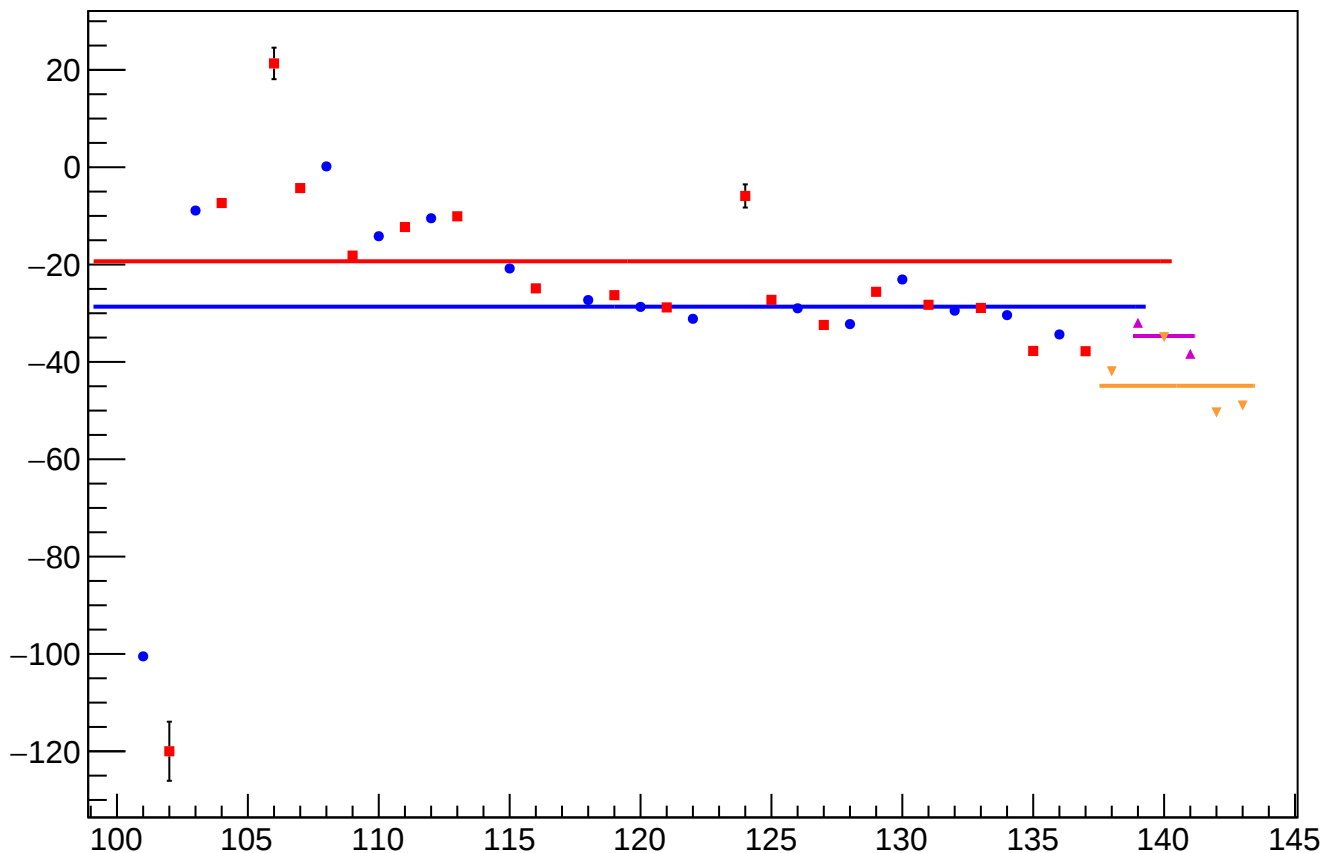
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 40.799 $\pm$ 0.128 χ^2/NDF : 45240.2/16

Out: 41.559 $\pm$ 0.168 χ^2/NDF : 66689.8/21

All: 41.080 $\pm$ 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

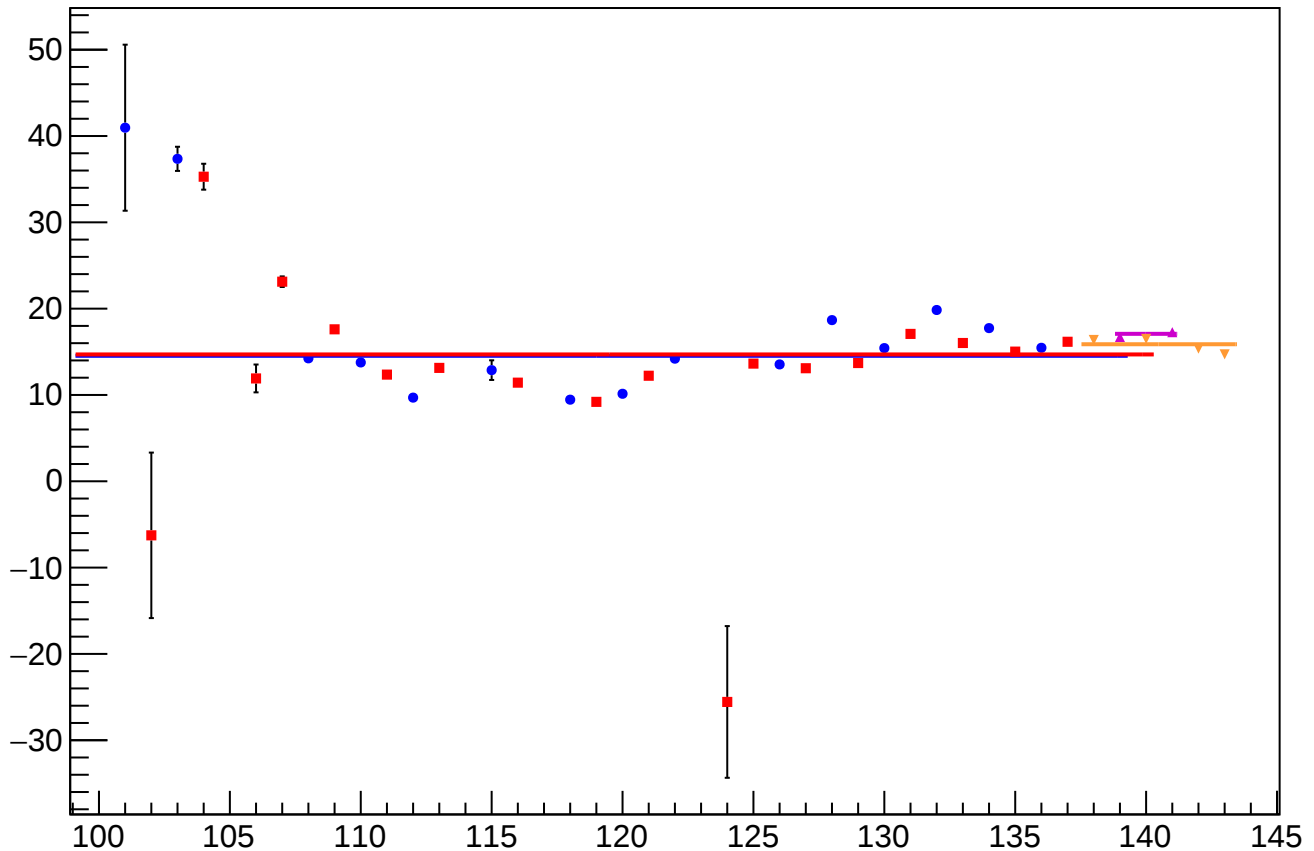
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

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

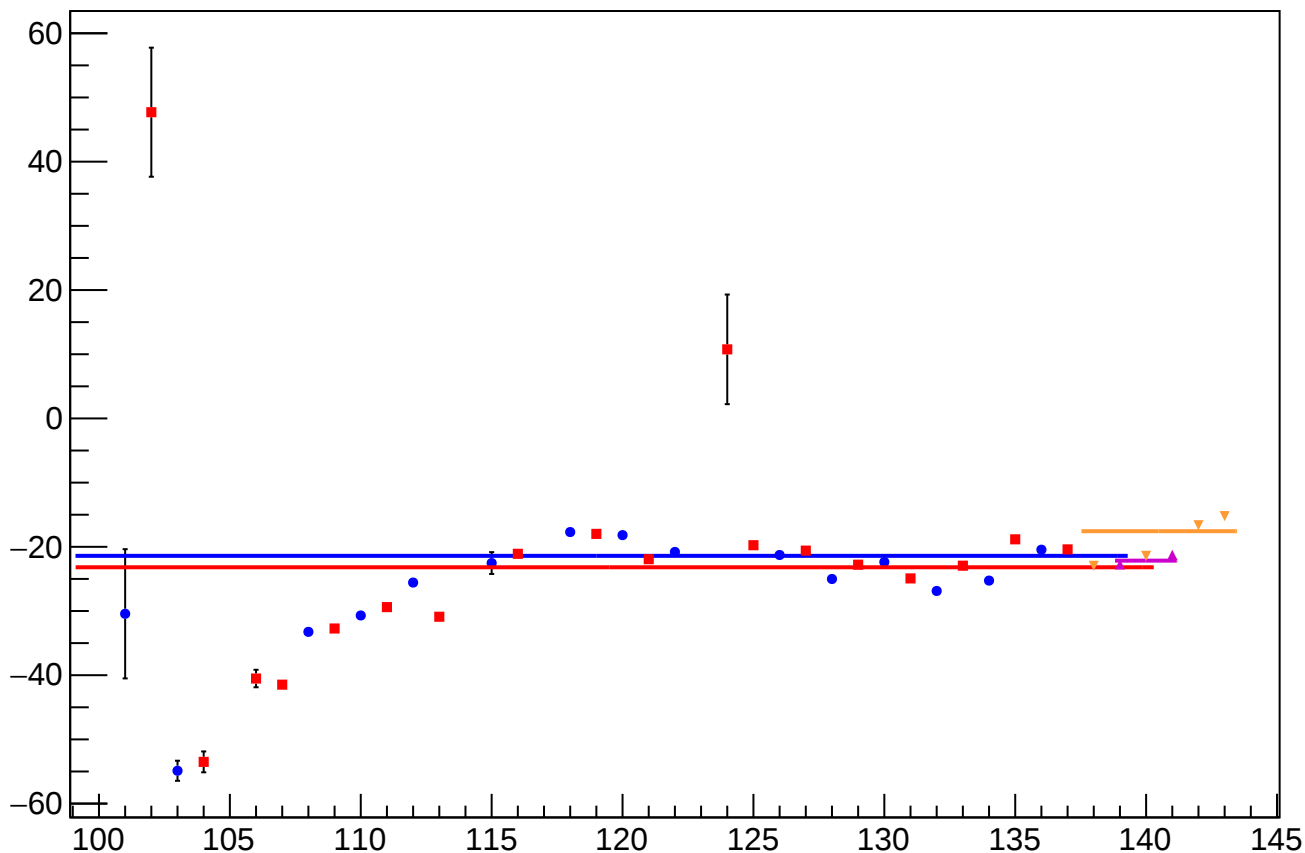
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

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 $\chi^2/\text{NDF}: 7702.6/5$

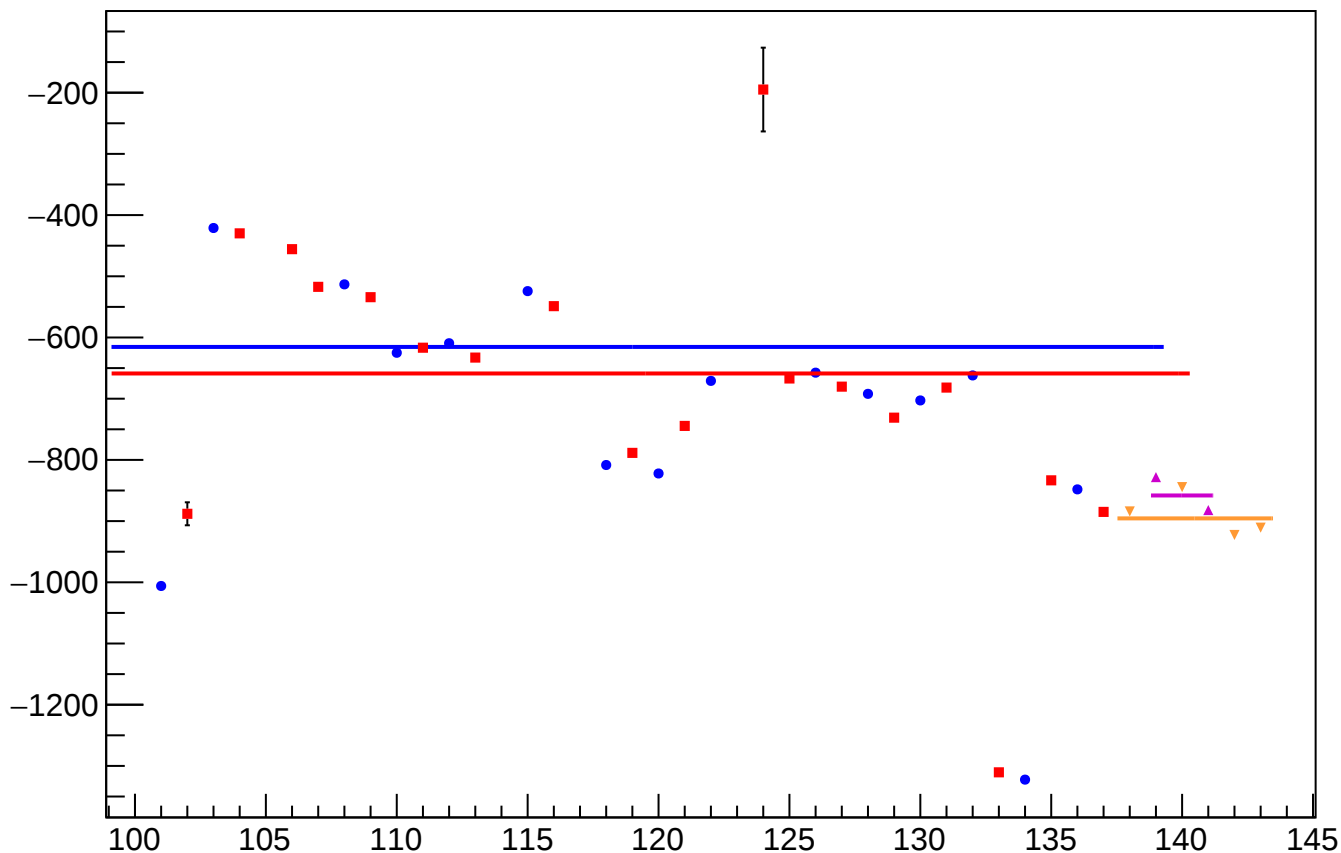
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

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

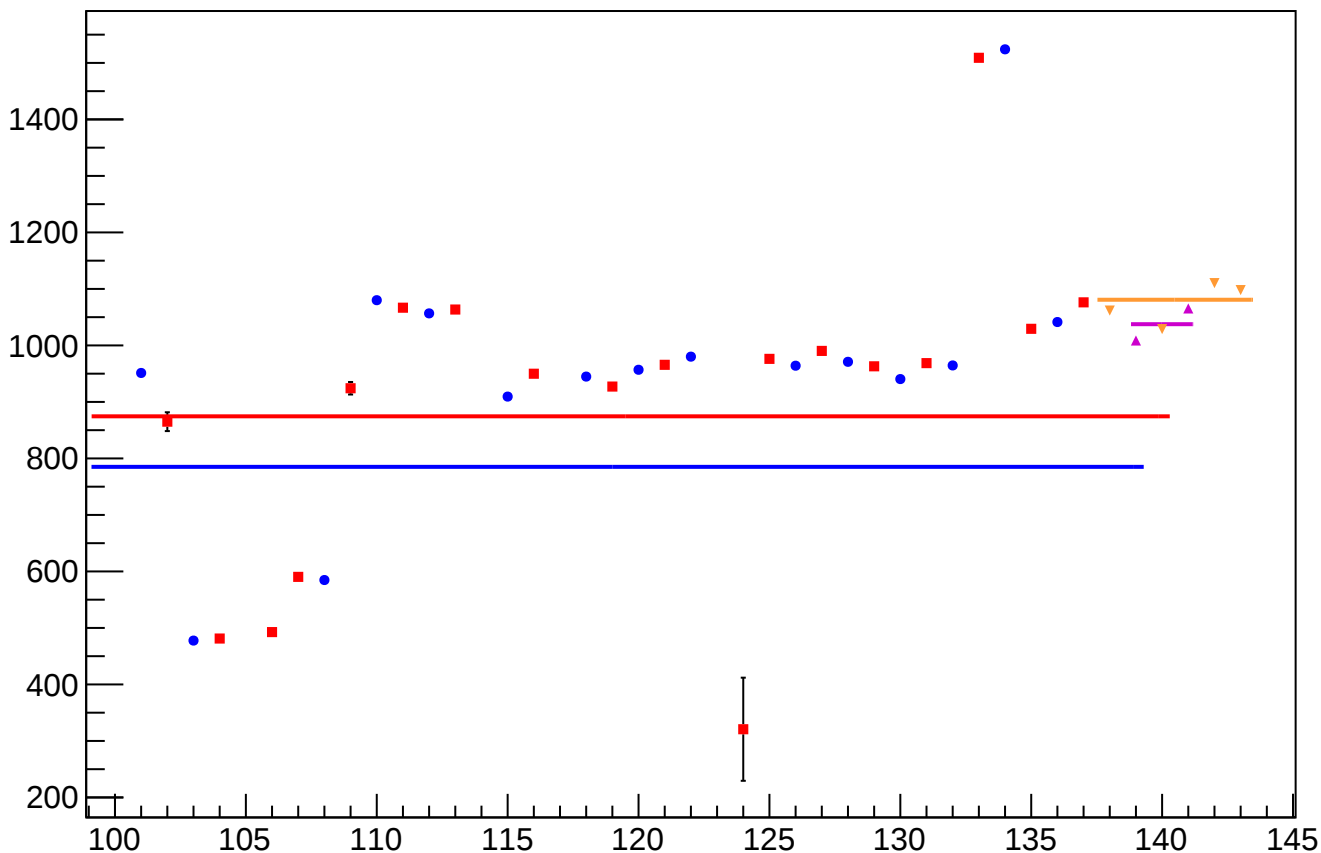
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

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

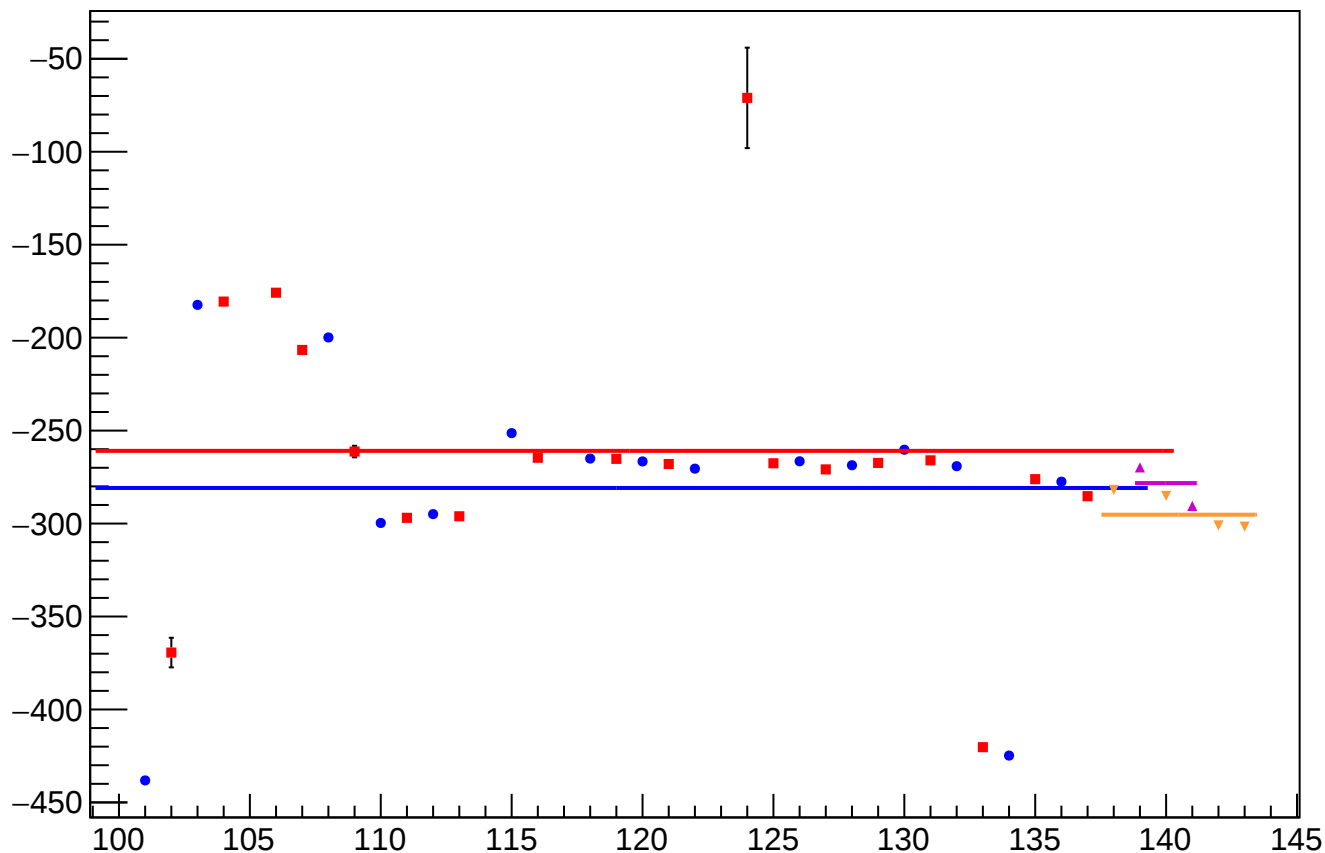
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 818.822+/-0.212 χ^2/NDF : 1052280.8/16

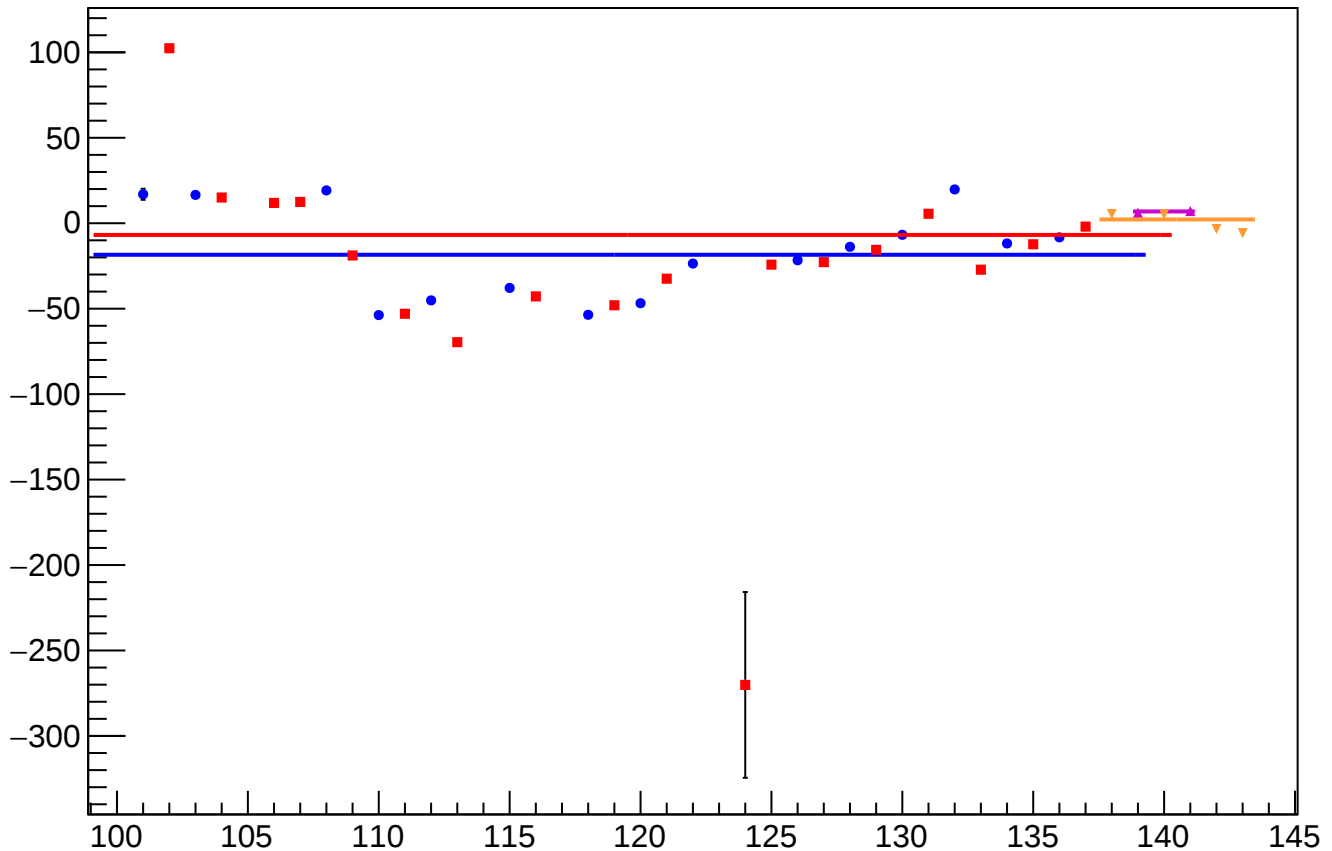
Out: 908.039+/-0.239 χ^2/NDF : 947113.6/21

All: 858.145+/-0.159 χ^2/NDF : 2077261.6/38

dit_atr2_11X12X_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 3272.5/5$

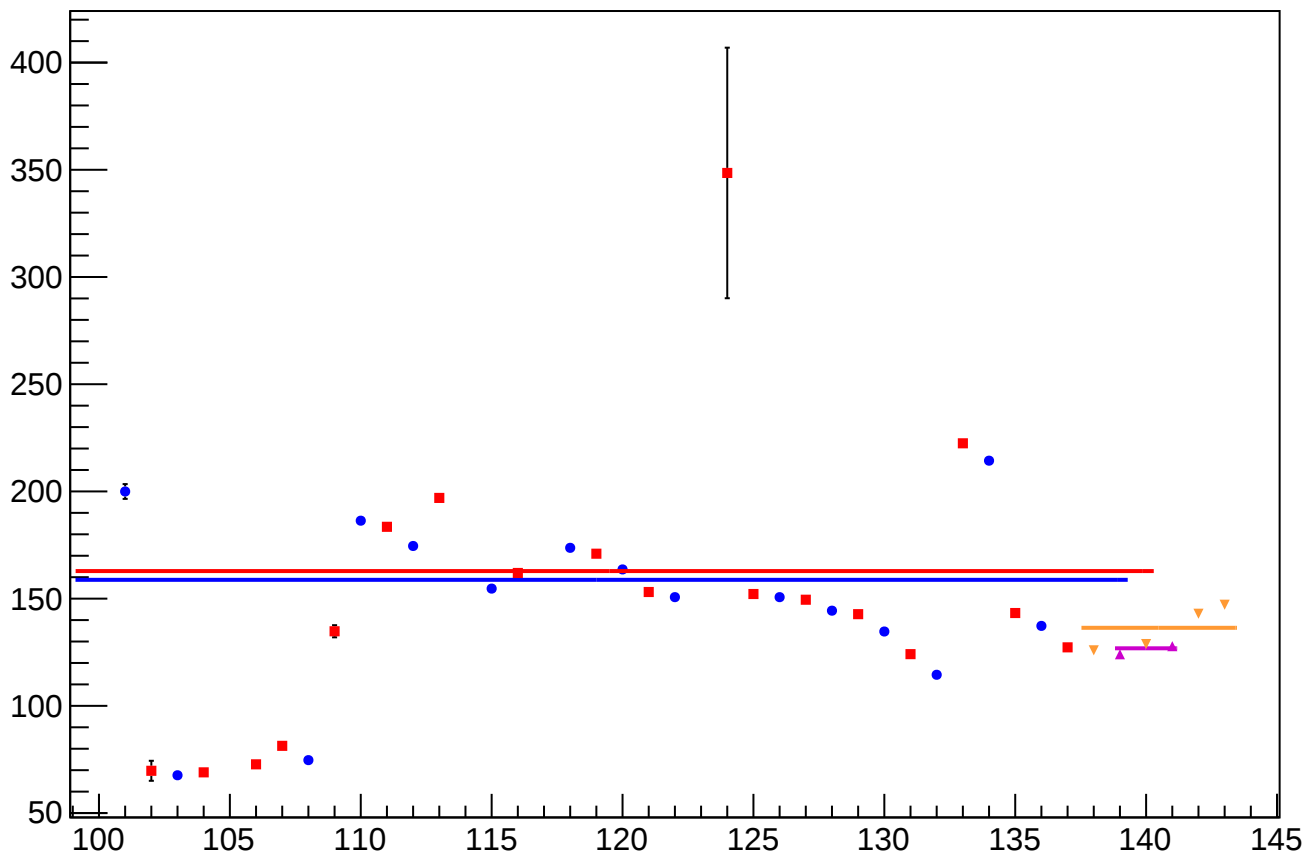
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

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 $\chi^2/\text{NDF}: 142911.5/38$

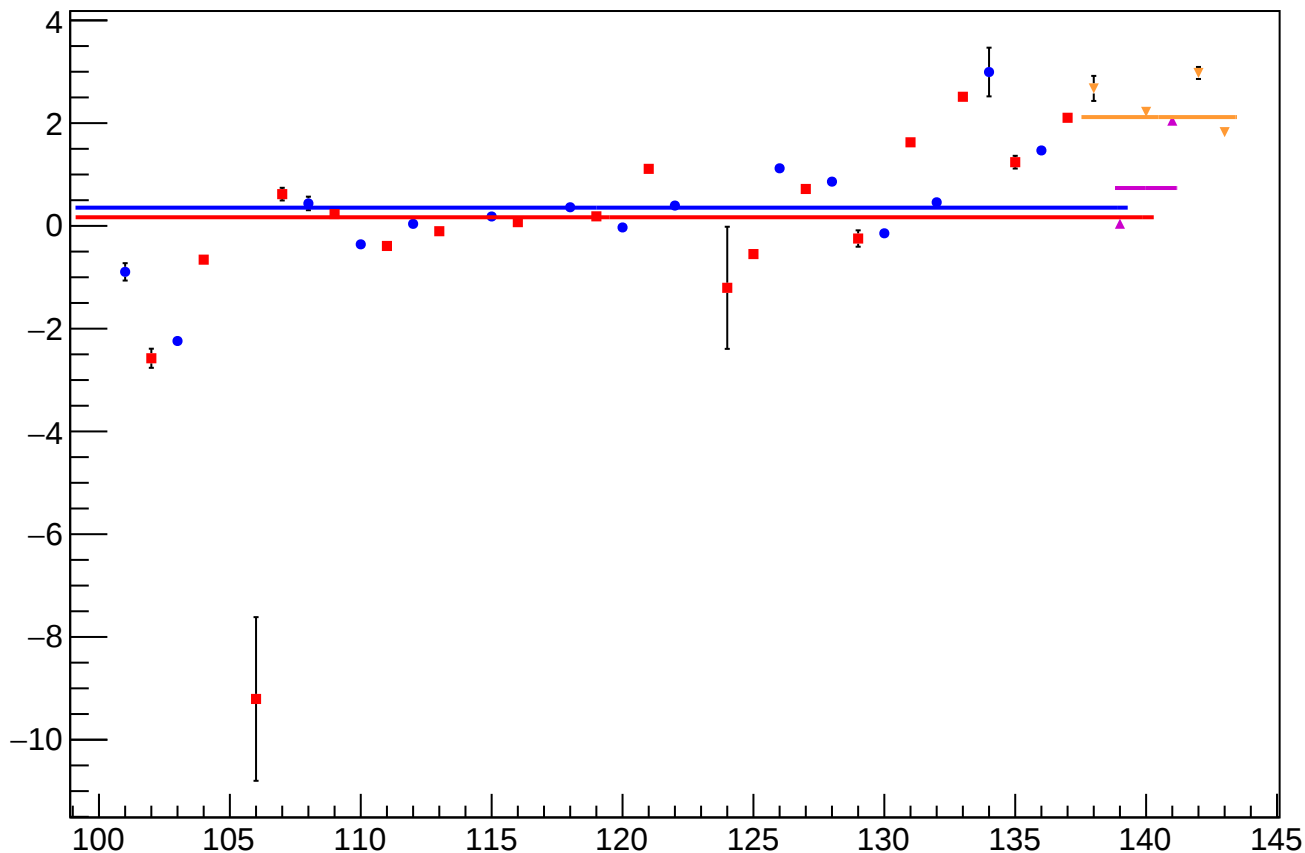
dit_atr2_4eY_slope vs Slug, Sign Corrected



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

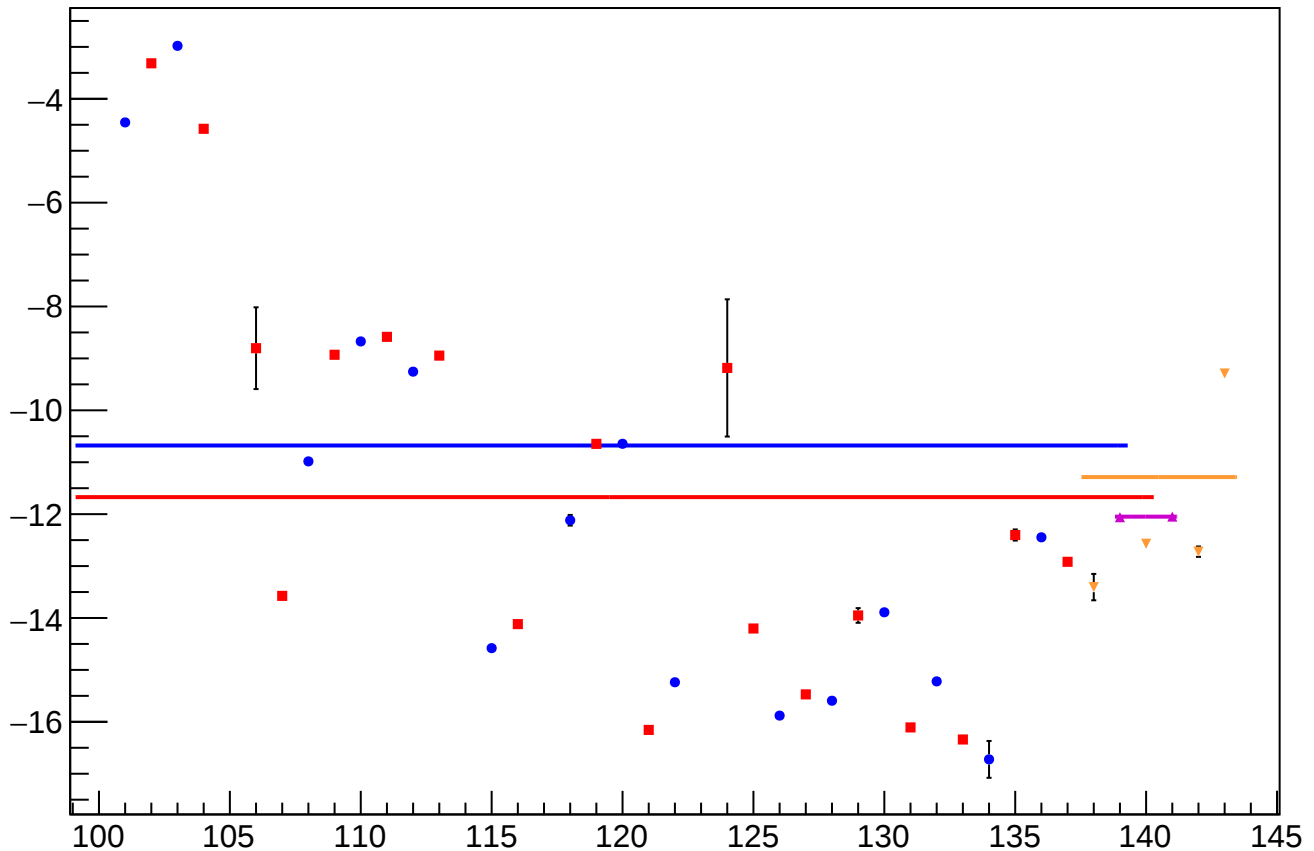
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

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

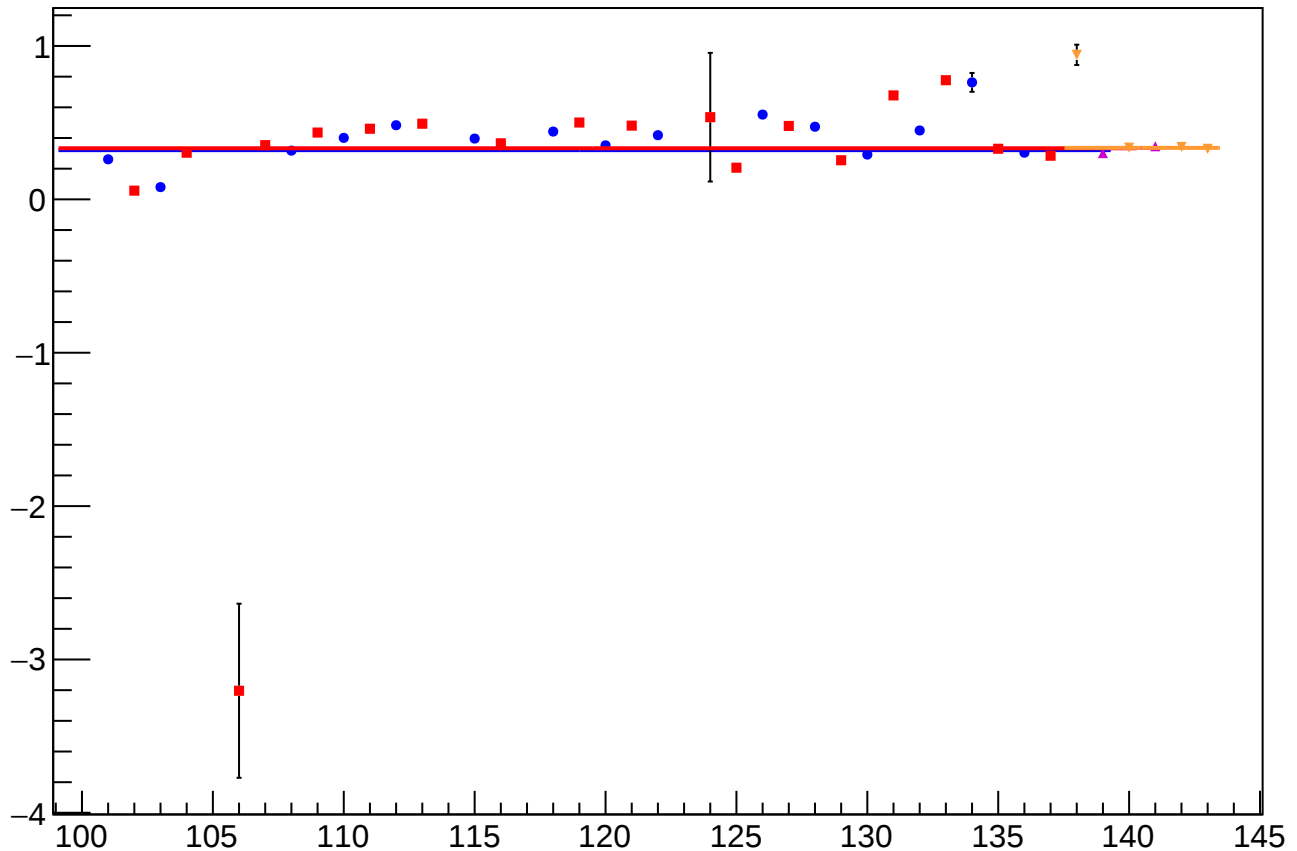
dit_sam1_4eX_slope vs Slug, Sign Corrected



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 ± 0.001 χ^2/NDF : 4017.7/14

Left Out: 0.336 ± 0.001 χ^2/NDF : 136.2/3

Right Out: 0.333 ± 0.001 χ^2/NDF : 4170.0/17

Left In: 0.335 ± 0.001 χ^2/NDF : 257.2/1

Left: 0.335 ± 0.001 χ^2/NDF : 393.9/5

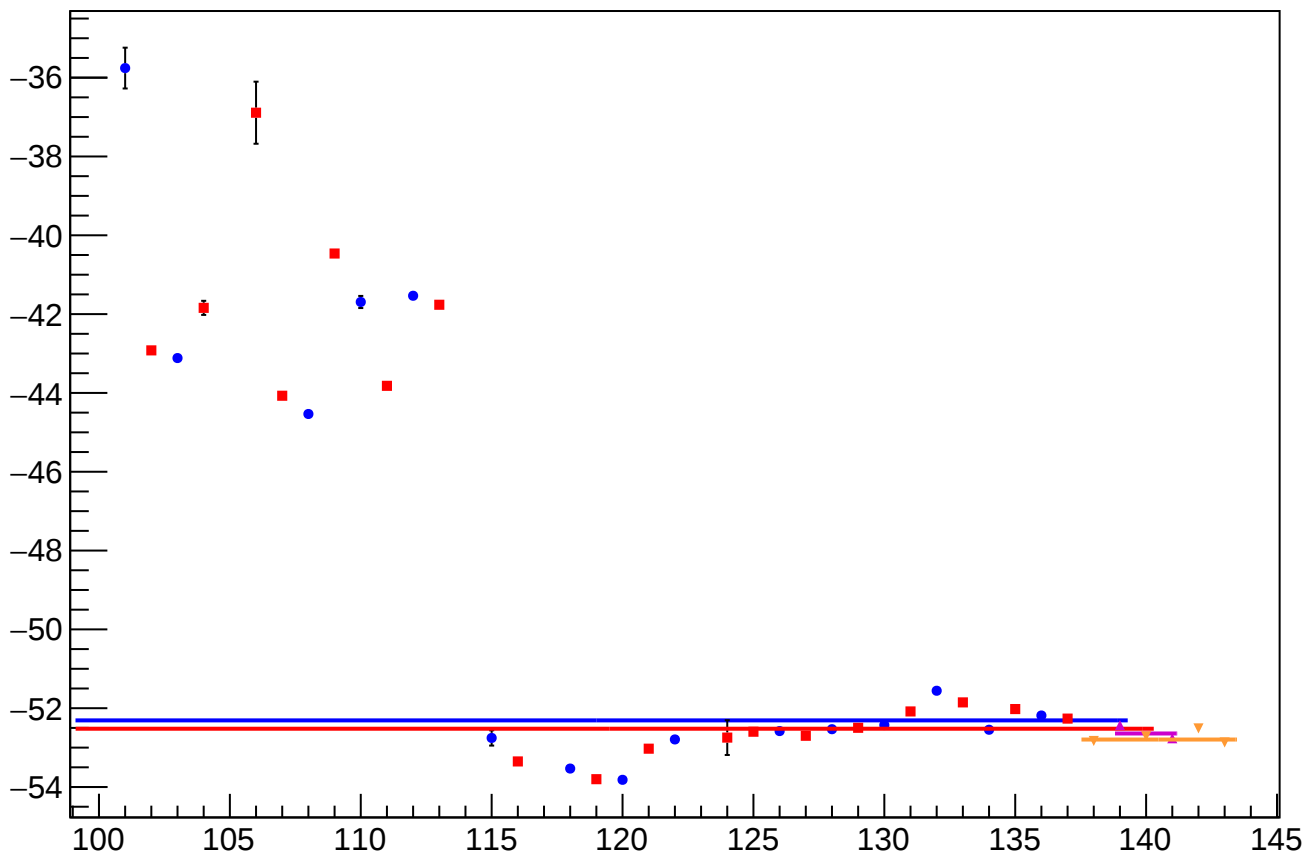
Right: 0.325 ± 0.001 χ^2/NDF : 8247.8/32

In: 0.326 ± 0.001 χ^2/NDF : 4356.2/16

Out: 0.335 ± 0.001 χ^2/NDF : 4309.7/21

All: 0.331 ± 0.000 χ^2/NDF : 8752.3/38

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -52.795 $\pm$ 0.006 χ^2 /NDF:490.0/3

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -52.641 $\pm$ 0.007 χ^2 /NDF:544.4/1

Left: -52.734 $\pm$ 0.004 χ^2 /NDF: 1335.8/5

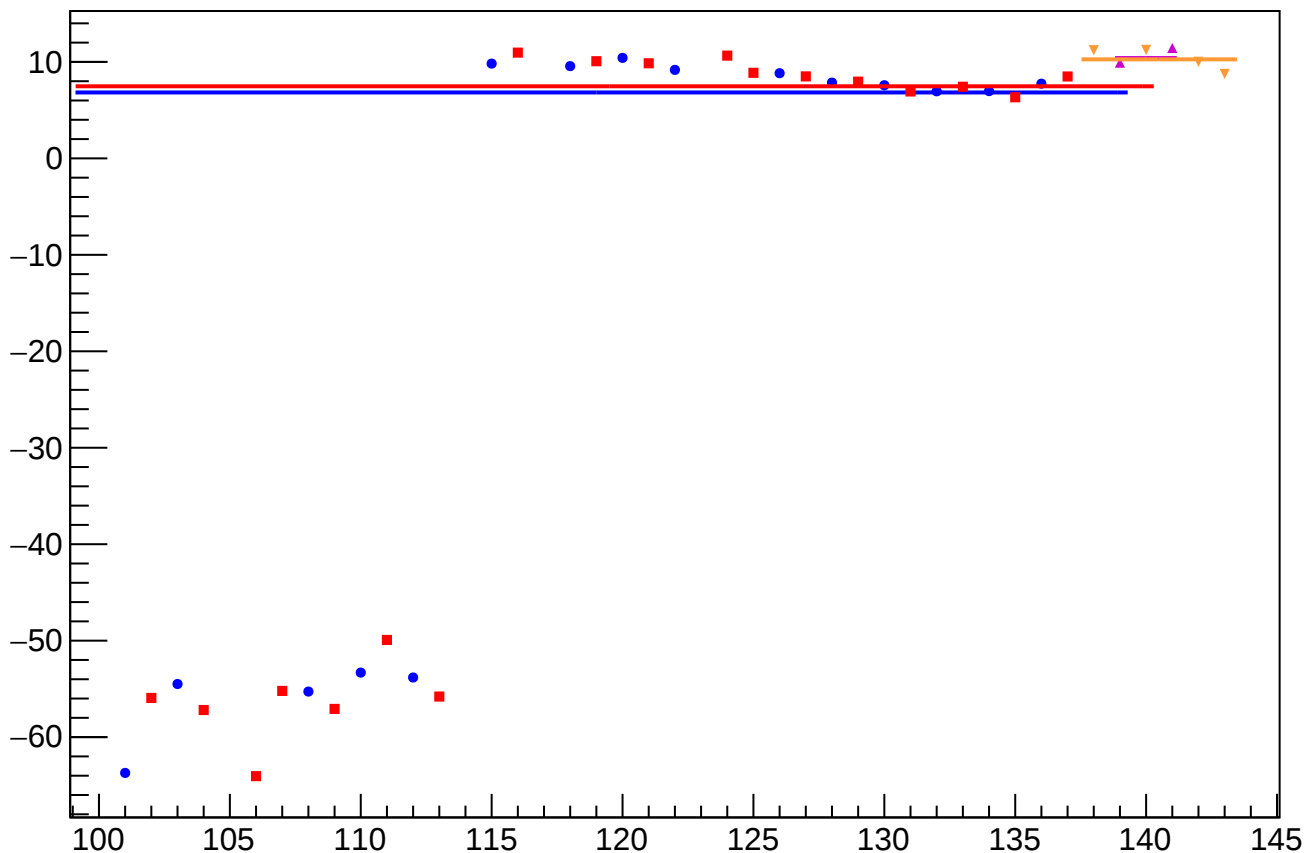
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -52.406 $\pm$ 0.004 χ^2 /NDF:55664.1/16

Out: -52.632 $\pm$ 0.004 χ^2 /NDF:78542.3/21

All: -52.524 $\pm$ 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

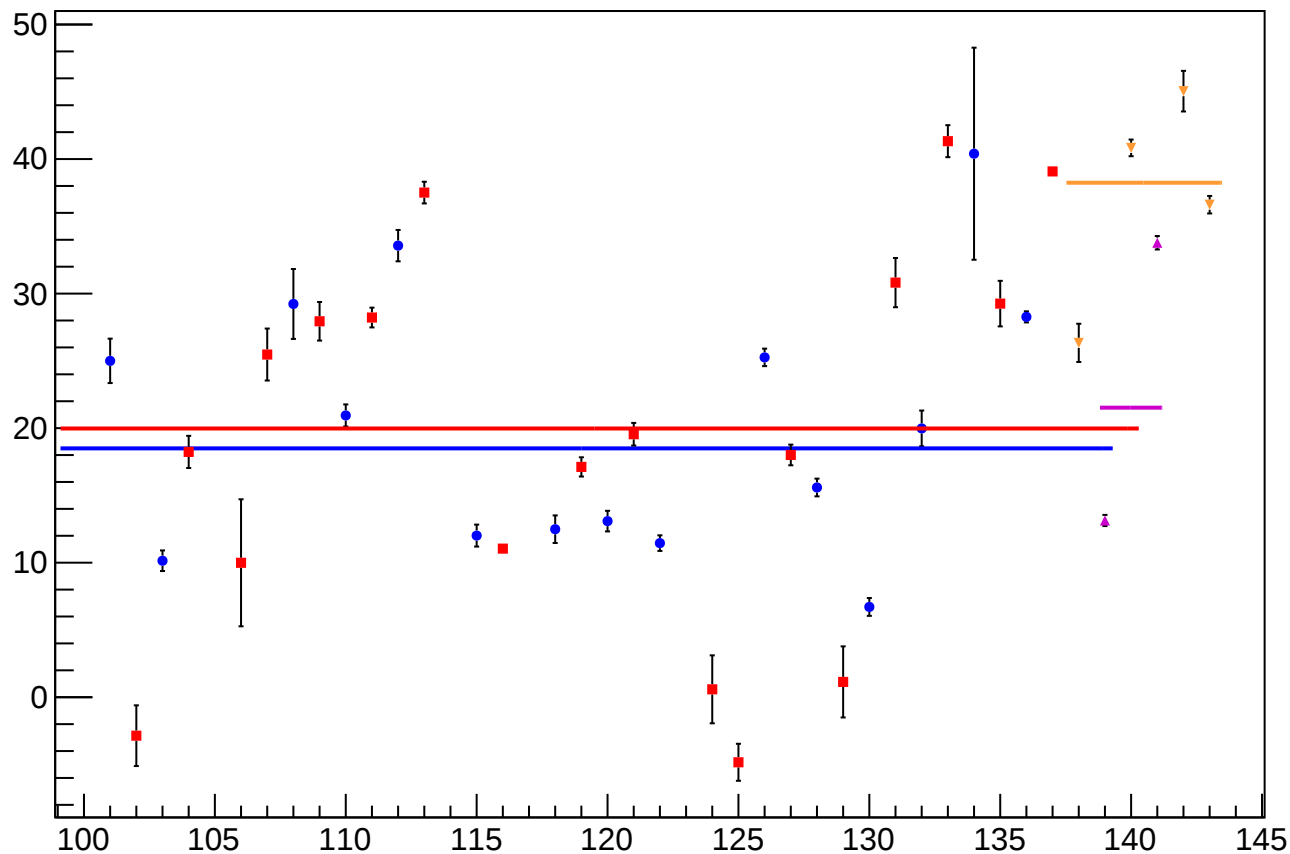
Right: 6.980+/-0.004 χ^2/NDF : 2189734.1/32

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

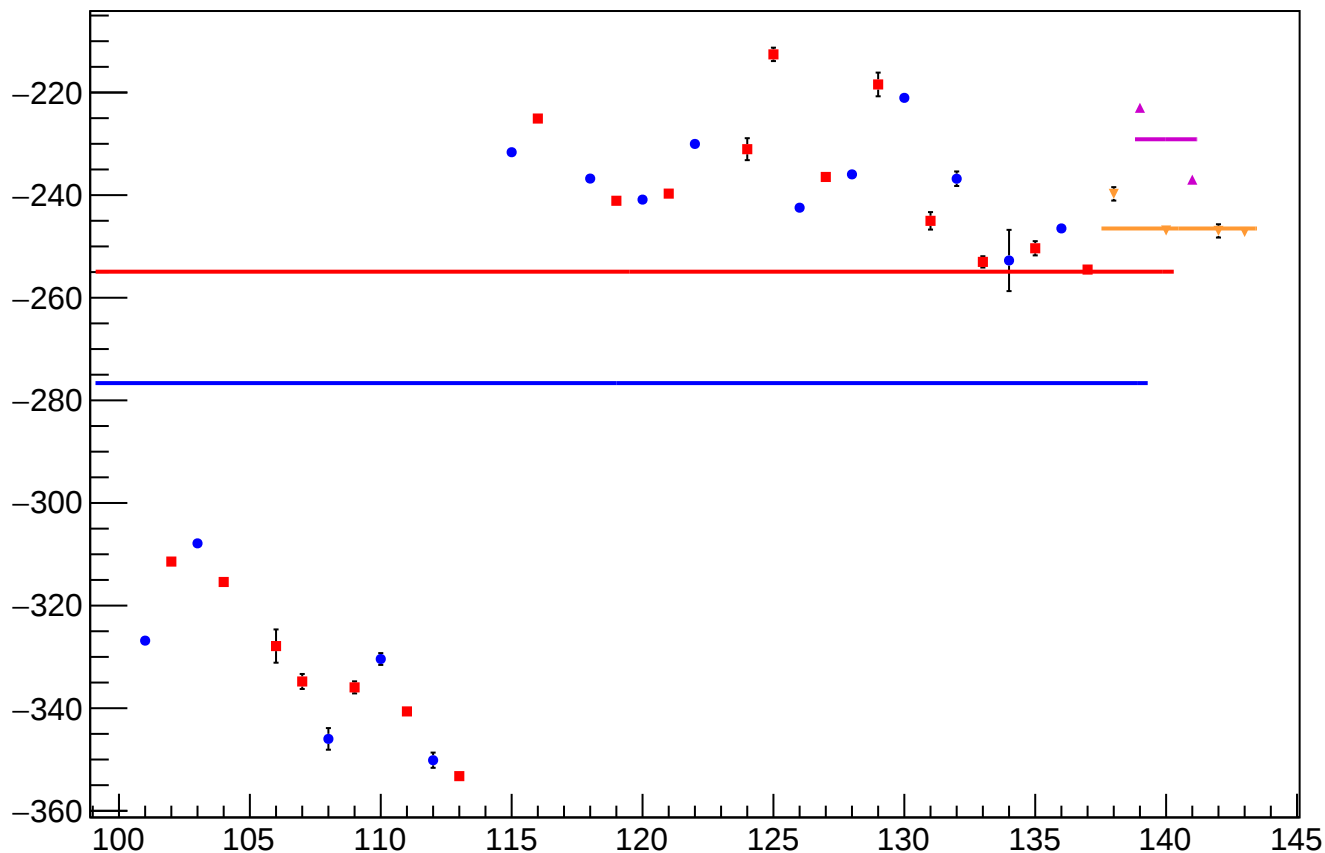
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

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 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -246.503 ± 0.355 $\chi^2/\text{NDF}: 28.7/3$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -229.115 ± 0.271 $\chi^2/\text{NDF}: 656.2/1$

Left: -235.520 ± 0.216 $\chi^2/\text{NDF}: 2197.3/5$

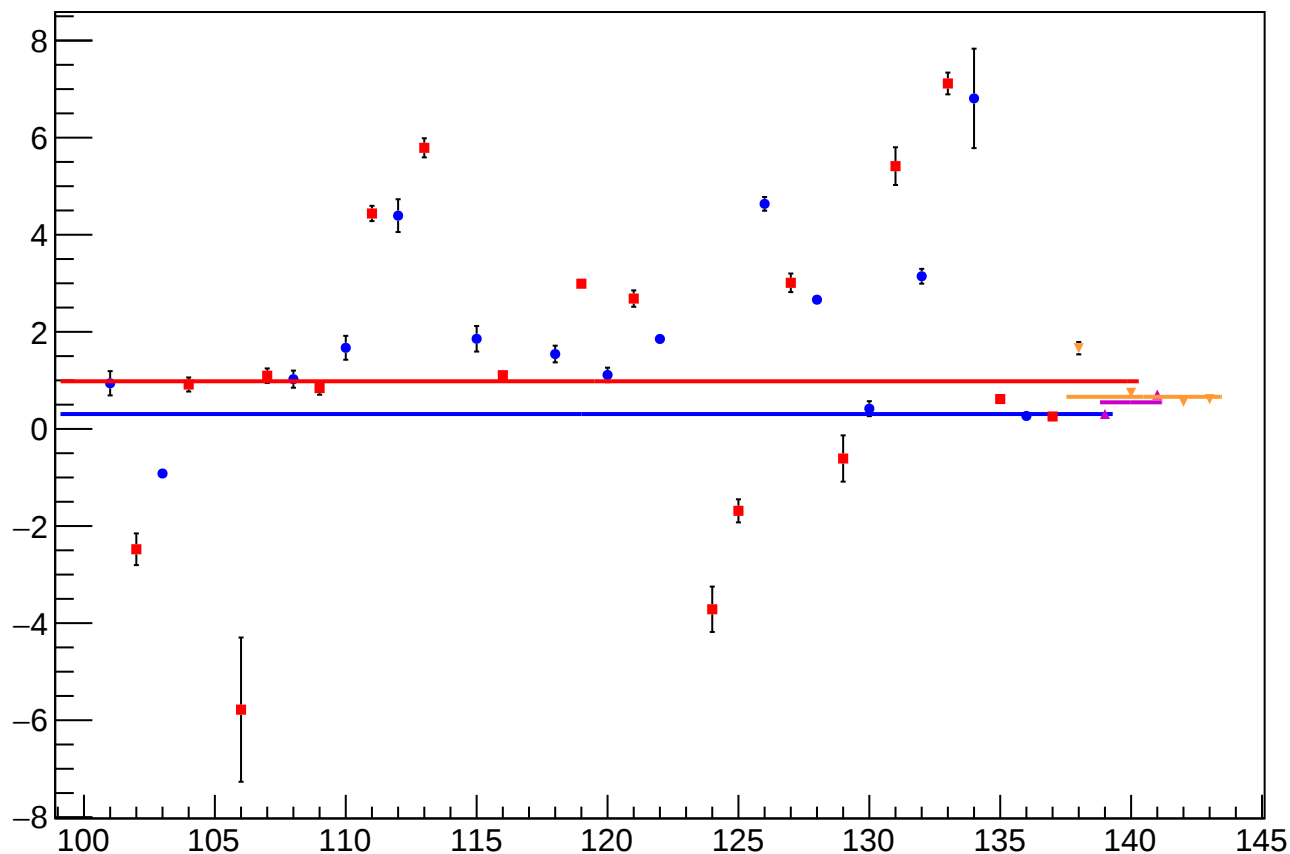
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -265.792 ± 0.130 $\chi^2/\text{NDF}: 101448.2/16$

Out: -254.596 ± 0.070 $\chi^2/\text{NDF}: 72514.1/21$

All: -257.115 ± 0.061 $\chi^2/\text{NDF}: 179744.3/38$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.661 $\pm$ 0.006 χ^2 /NDF:223.1/3

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.548 $\pm$ 0.005 χ^2 /NDF:1585.9/1

Left: 0.598 $\pm$ 0.004 χ^2 /NDF: 2043.7/5

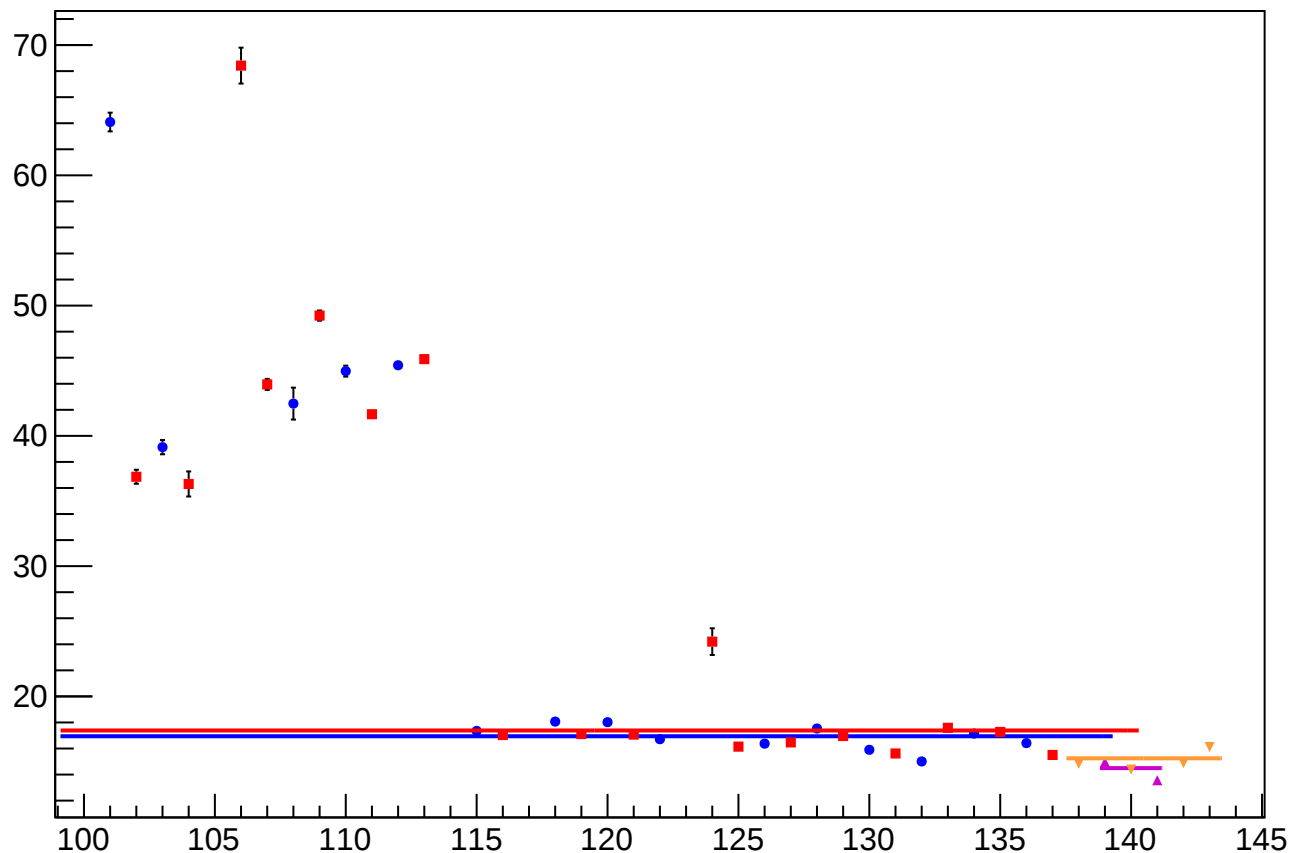
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.463 $\pm$ 0.004 χ^2 /NDF:5231.6/16

Out: 0.701 $\pm$ 0.005 χ^2 /NDF:4015.5/21

All: 0.551 $\pm$ 0.003 χ^2 /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

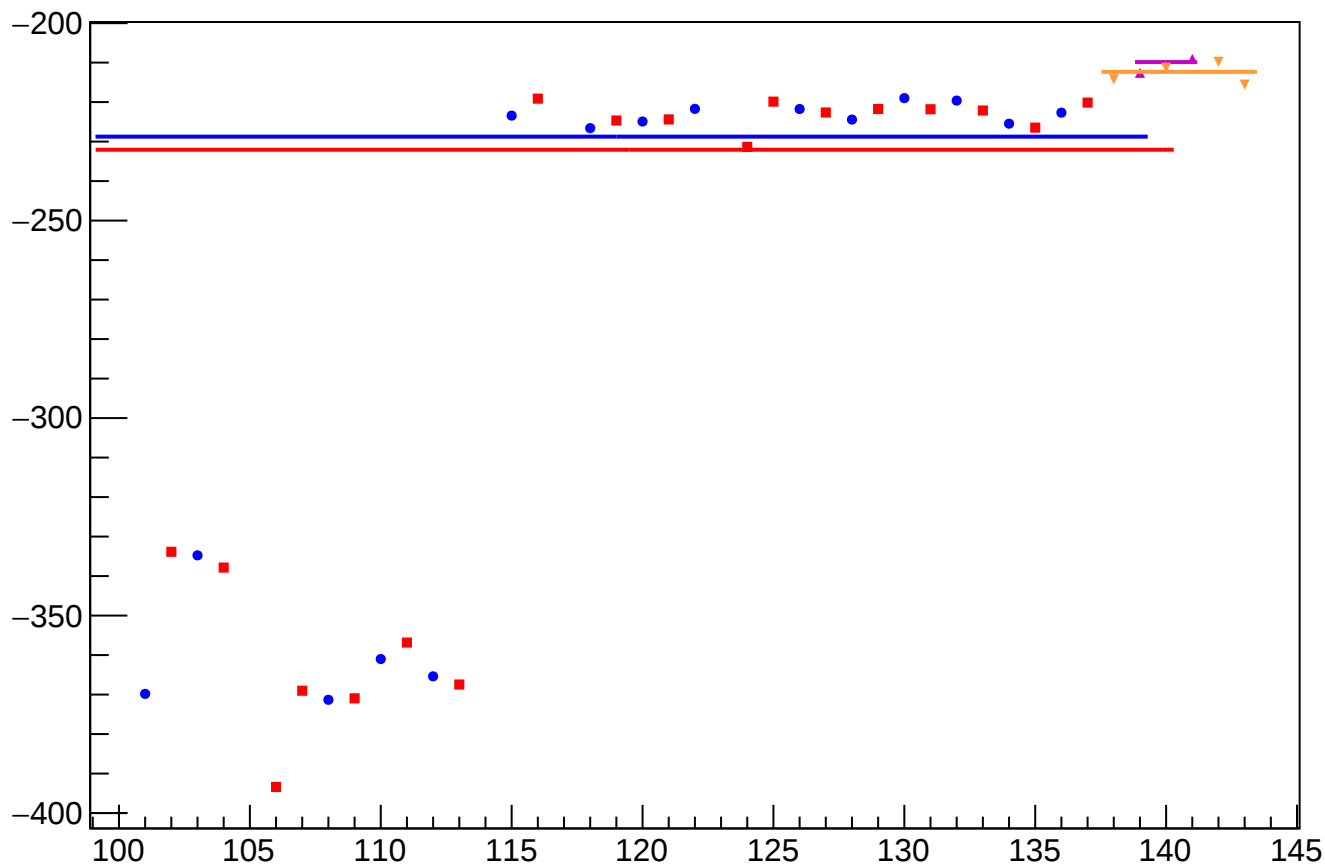
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

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

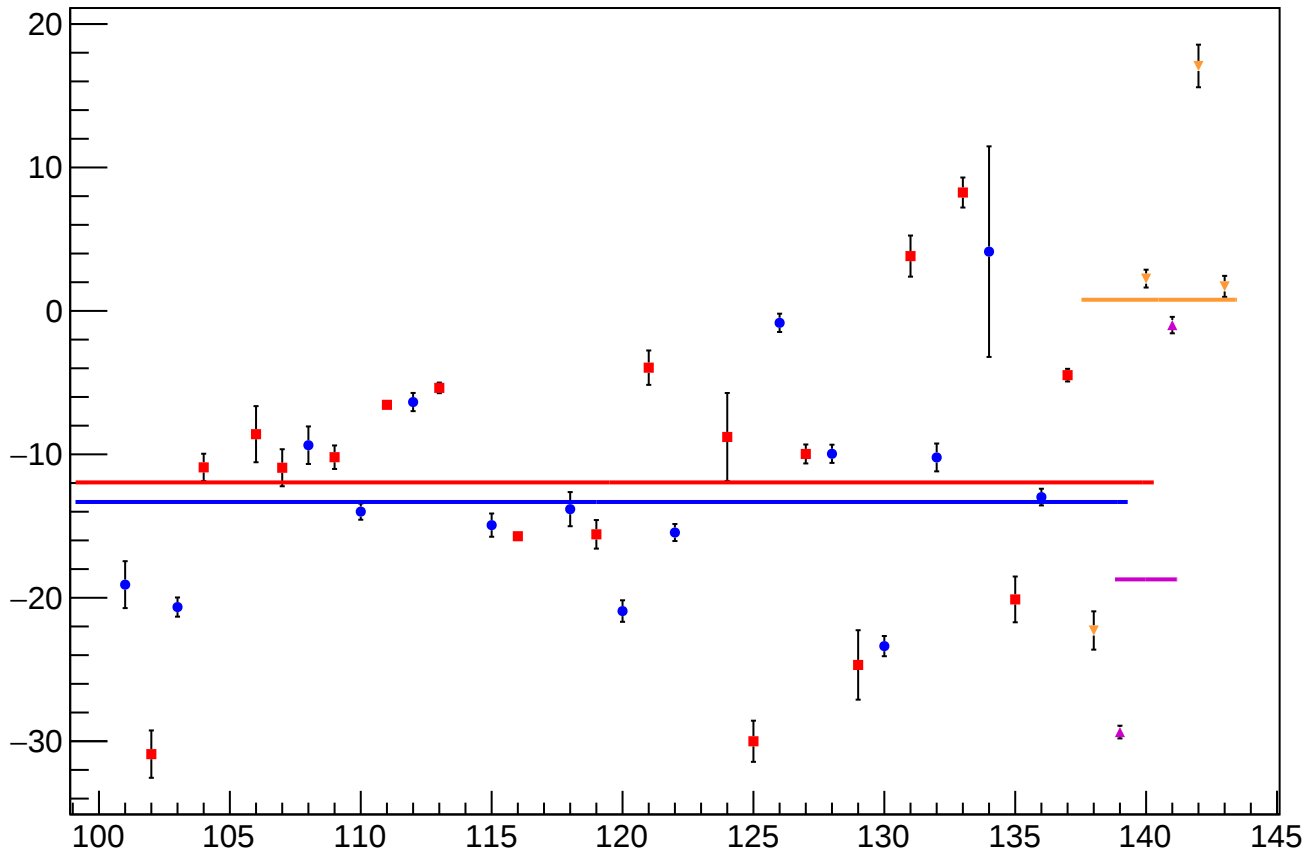
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

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 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: 0.780 ± 0.428 $\chi^2/\text{NDF}: 425.9/3$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -18.718 ± 0.351 $\chi^2/\text{NDF}: 1534.8/1$

Left: -10.881 ± 0.271 $\chi^2/\text{NDF}: 3203.4/5$

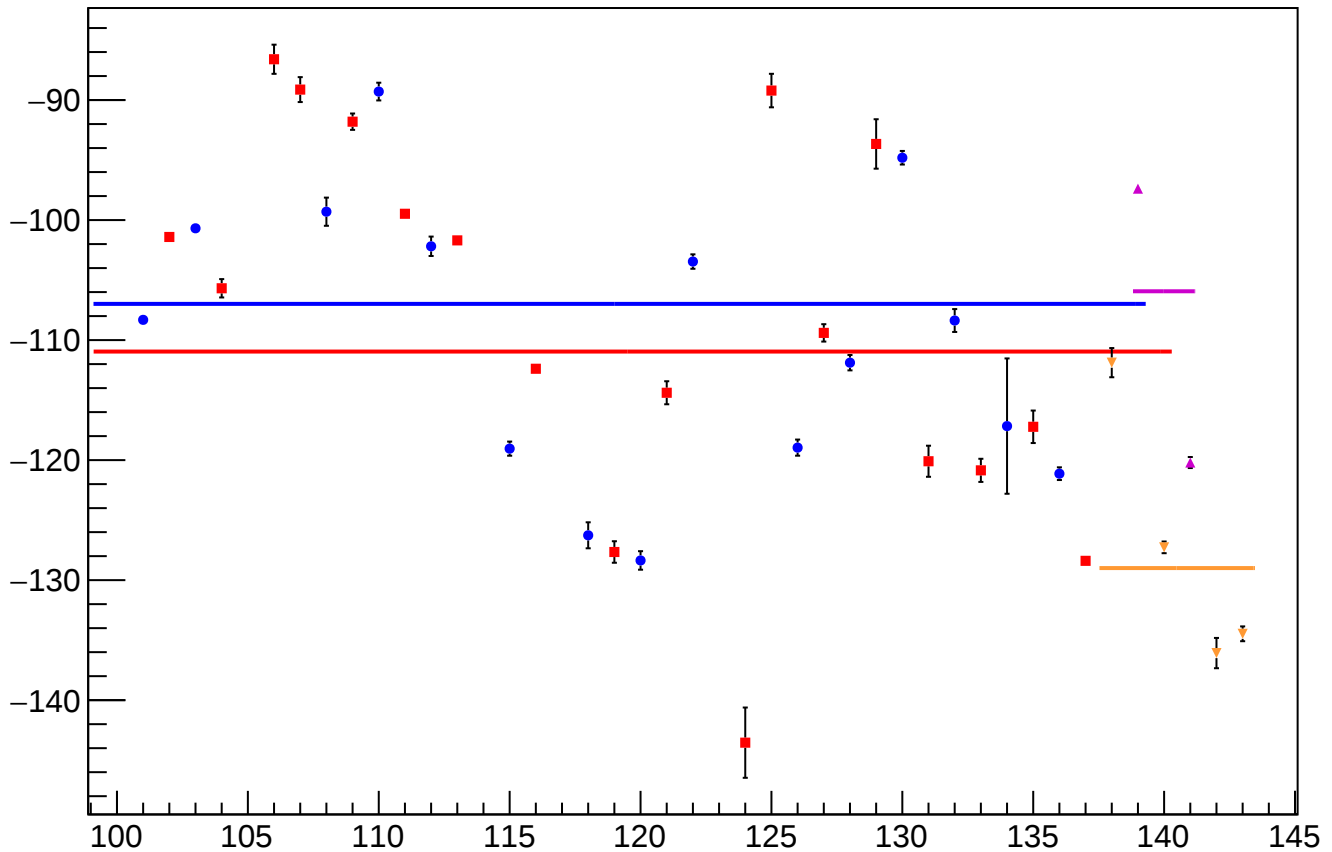
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.583 ± 0.170 $\chi^2/\text{NDF}: 2729.3/16$

Out: -11.131 ± 0.109 $\chi^2/\text{NDF}: 3742.3/21$

All: -12.139 ± 0.092 $\chi^2/\text{NDF}: 6765.0/38$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -128.994 ± 0.351 χ^2/NDF : 320.9/3

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -105.932 ± 0.281 χ^2/NDF : 1542.8/1

Left: -114.962 ± 0.219 χ^2/NDF : 4496.8/5

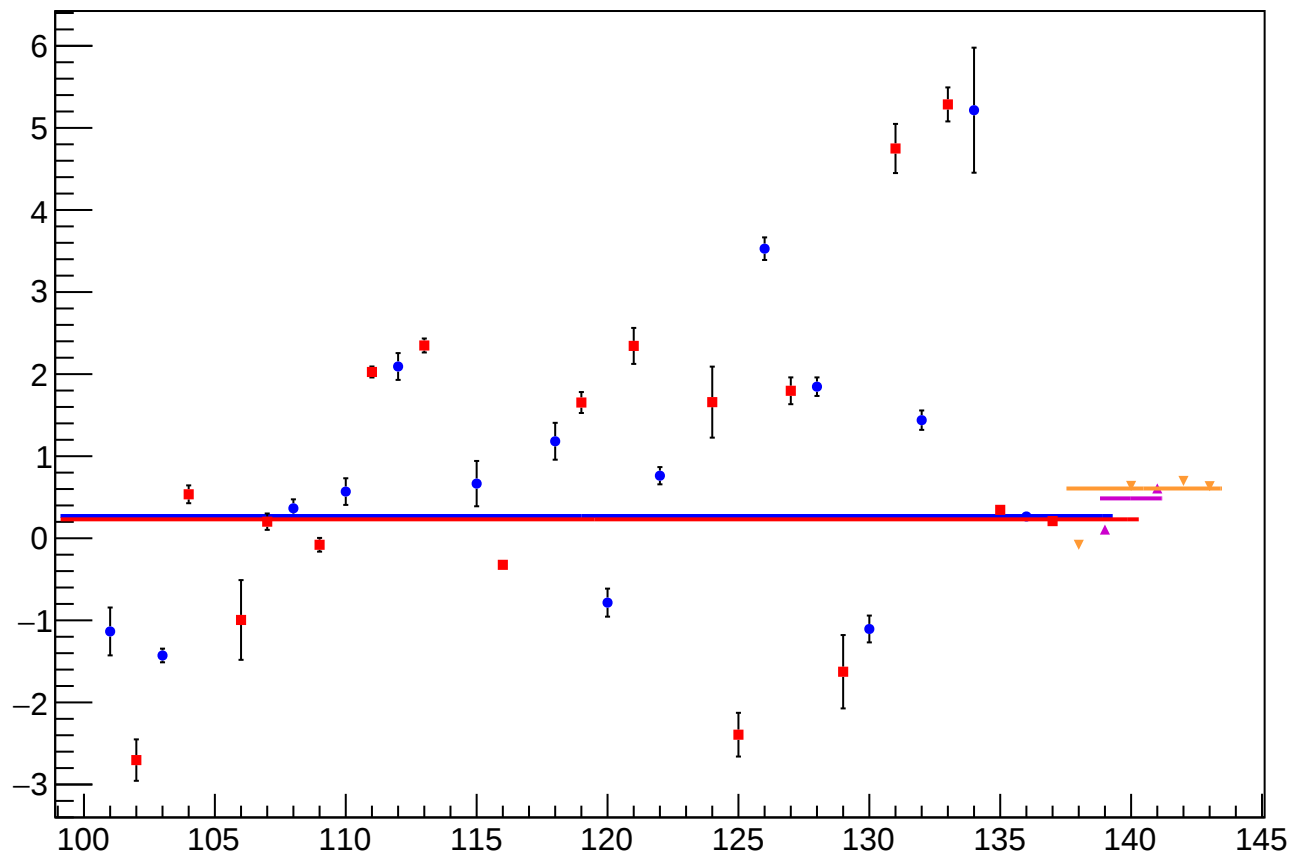
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -106.843 ± 0.102 χ^2/NDF : 6213.2/16

Out: -111.317 ± 0.050 χ^2/NDF : 13590.6/21

All: -110.465 ± 0.045 χ^2/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

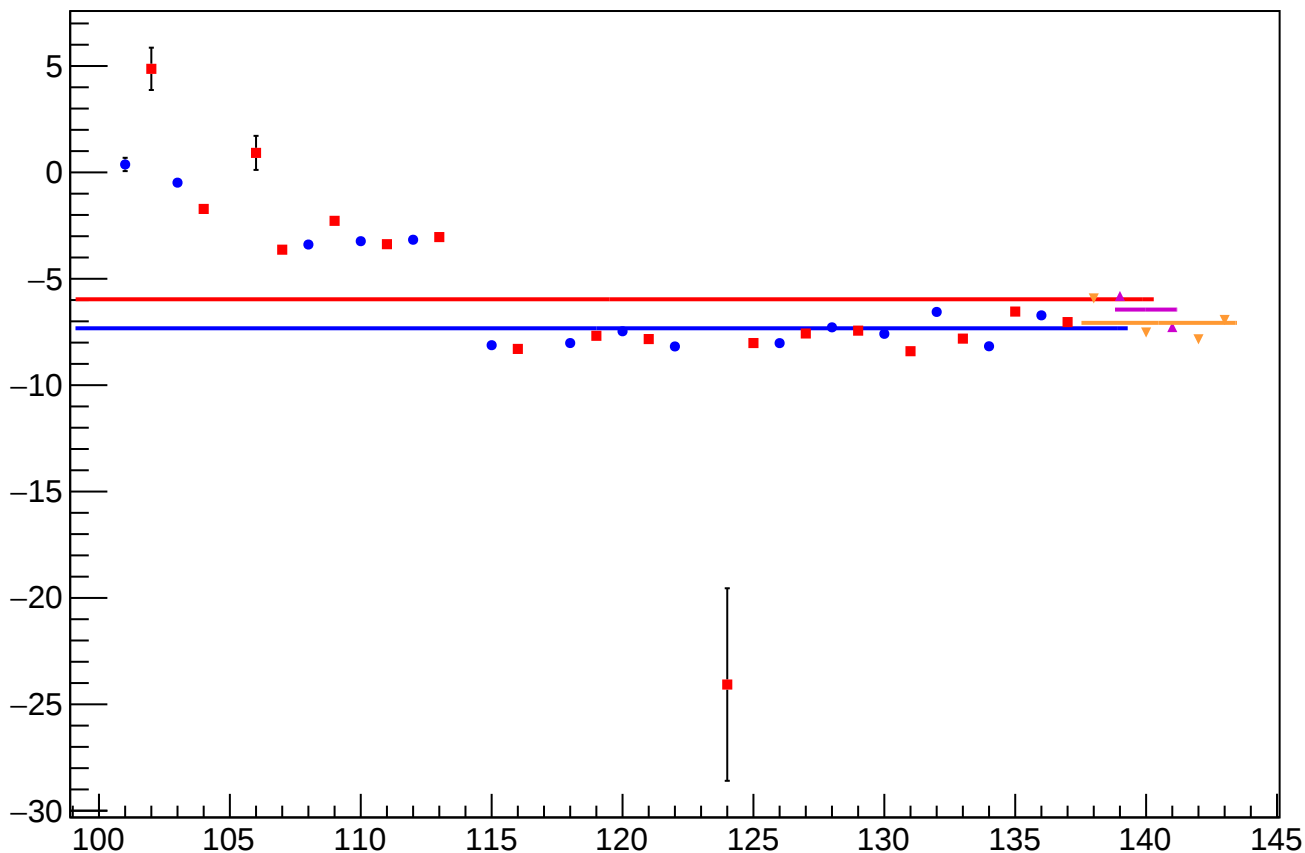
Right: 0.247 $\pm$ 0.003 χ^2 /NDF: 4554.2/32

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 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -7.072 ± 0.018 $\chi^2/\text{NDF}: 932.8/3$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.447 ± 0.015 $\chi^2/\text{NDF}: 2243.2/1$

Left: -6.707 ± 0.012 $\chi^2/\text{NDF}: 3868.5/5$

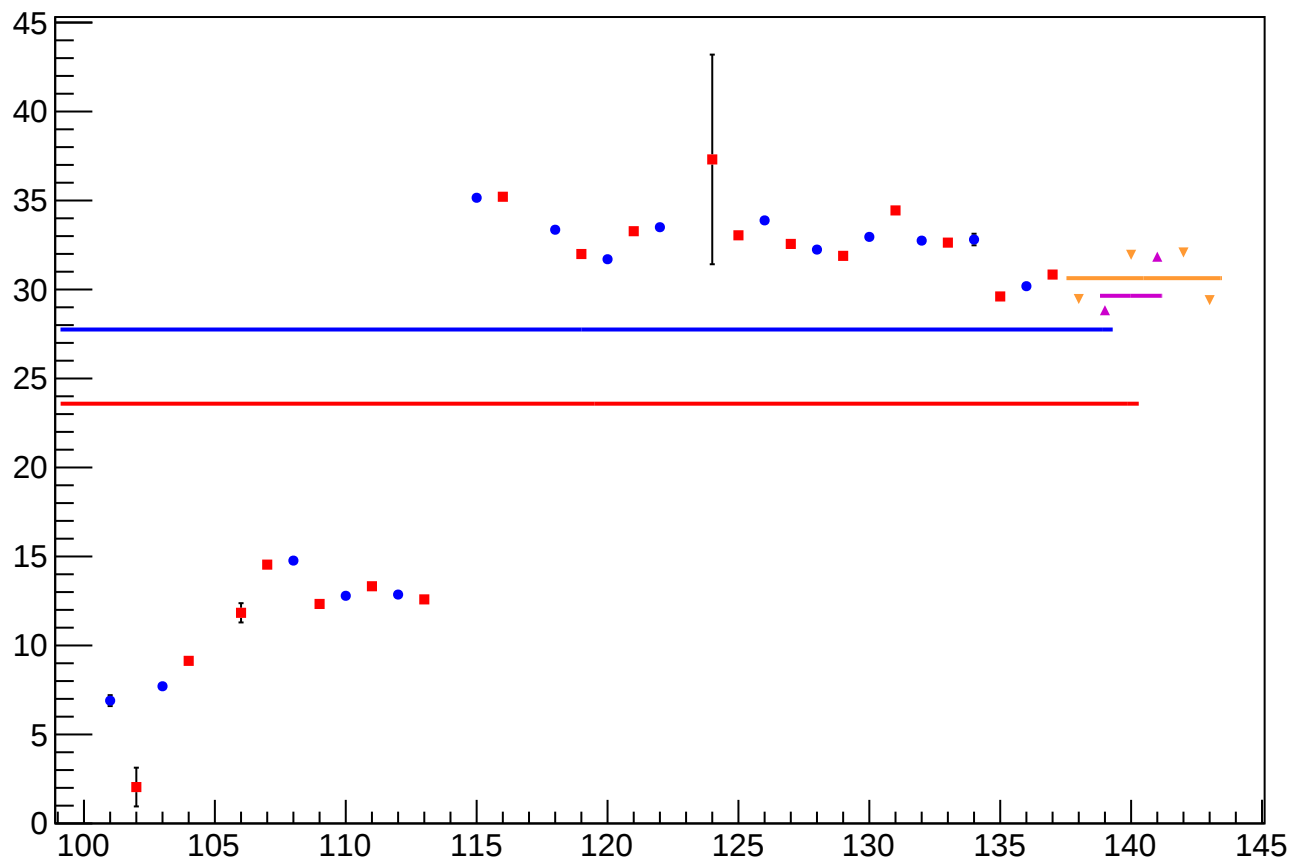
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -7.124 ± 0.007 $\chi^2/\text{NDF}: 35275.9/16$

Out: -6.174 ± 0.008 $\chi^2/\text{NDF}: 75769.8/21$

All: -6.683 ± 0.005 $\chi^2/\text{NDF}: 118791.8/38$

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

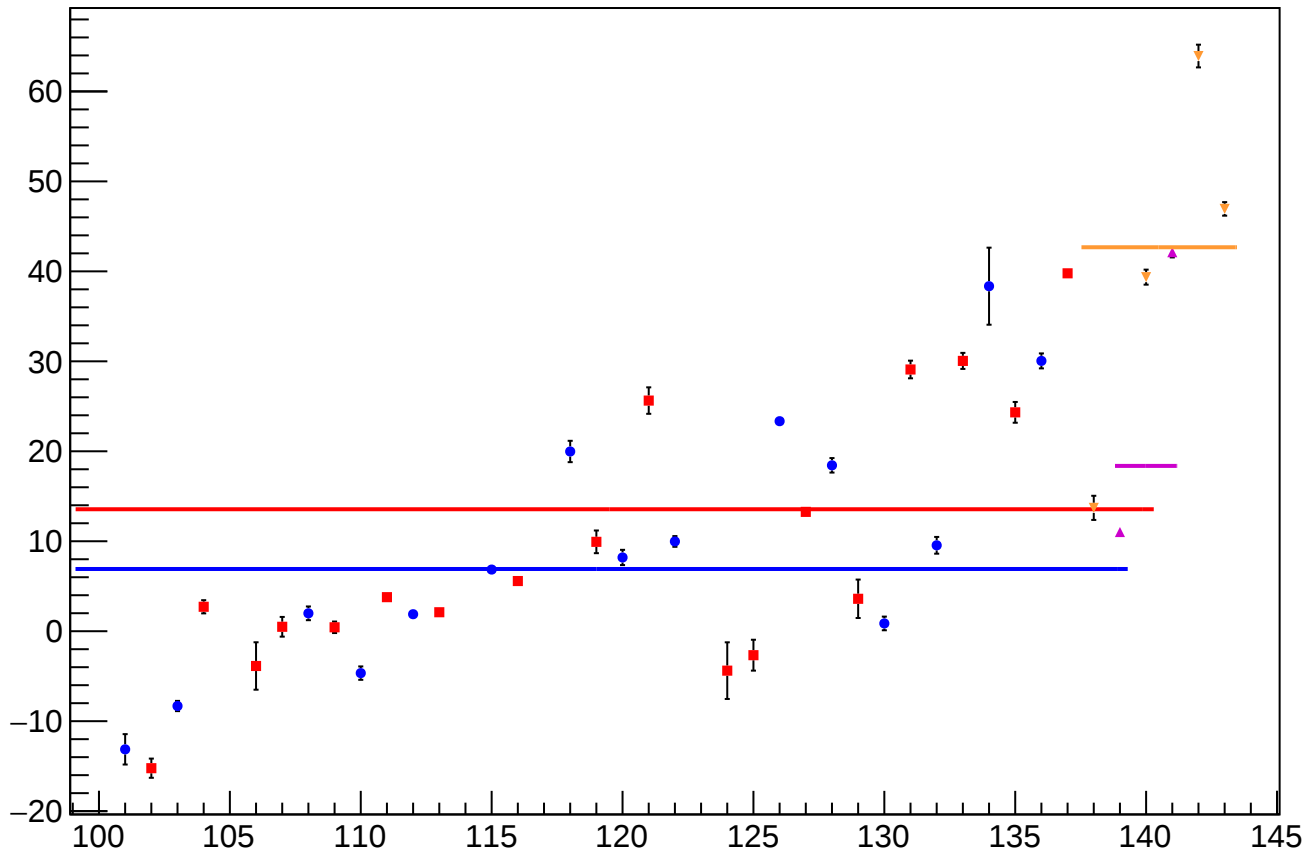
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

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 χ^2/NDF : 3503.2/14

Left Out: 42.678+/-0.478 χ^2/NDF : 796.8/3

Right Out: 13.557+/-0.145 χ^2/NDF : 11657.2/17

Left In: 18.375+/-0.282 χ^2/NDF : 2201.8/1

Left: 24.641+/-0.243 χ^2/NDF : 4919.3/5

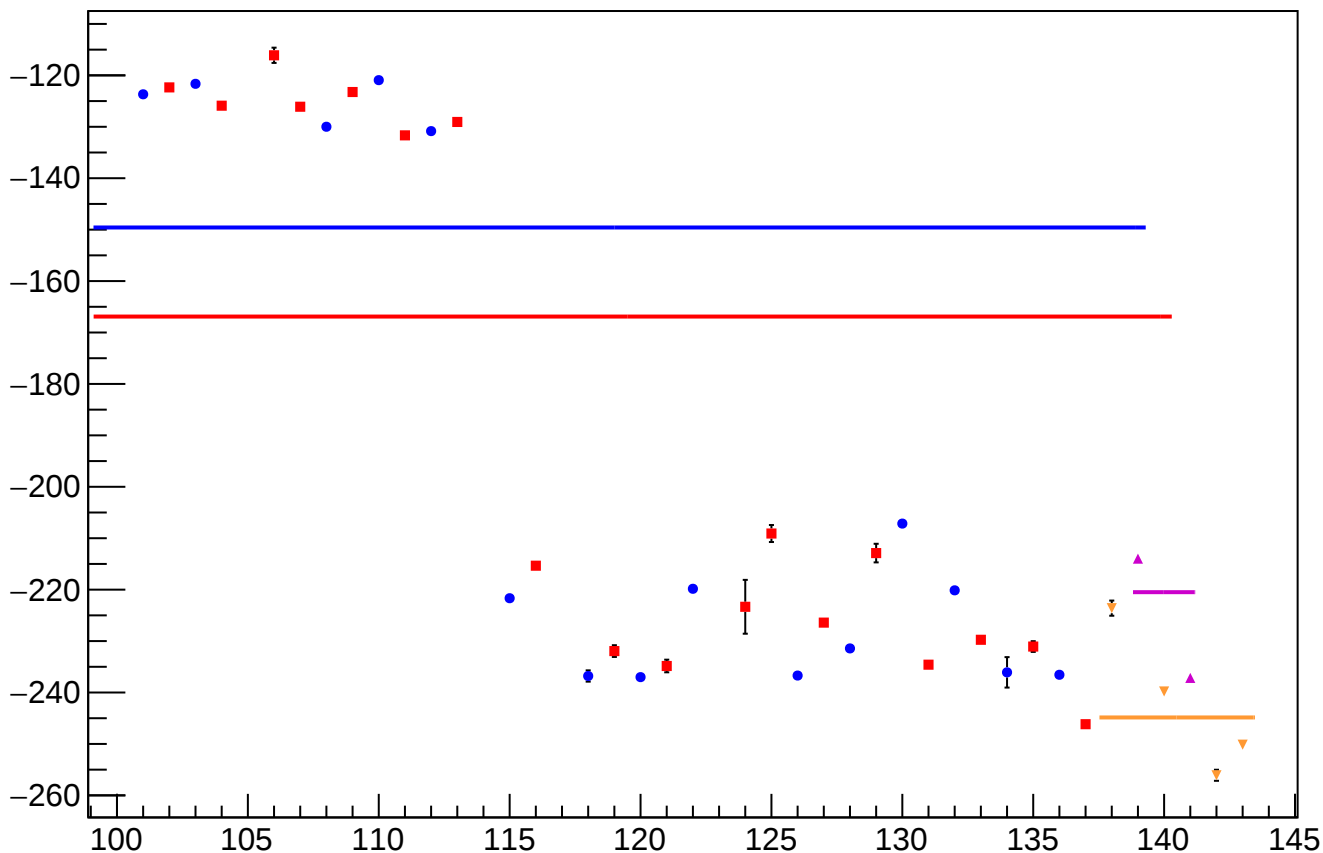
Right: 10.880+/-0.112 χ^2/NDF : 16004.9/32

In: 10.150+/-0.150 χ^2/NDF : 6893.6/16

Out: 16.015+/-0.139 χ^2/NDF : 15856.2/21

All: 13.301+/-0.102 χ^2/NDF : 23576.1/38

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2/NDF : 195091.5/14

Left Out: -244.851 $\pm$ 0.408 χ^2/NDF : 442.6/3

Right Out: -166.899 $\pm$ 0.101 χ^2/NDF : 295489.9/17

Left In: -220.491 $\pm$ 0.241 χ^2/NDF : 1876.2/1

Left: -226.782 $\pm$ 0.207 χ^2/NDF : 4963.8/5

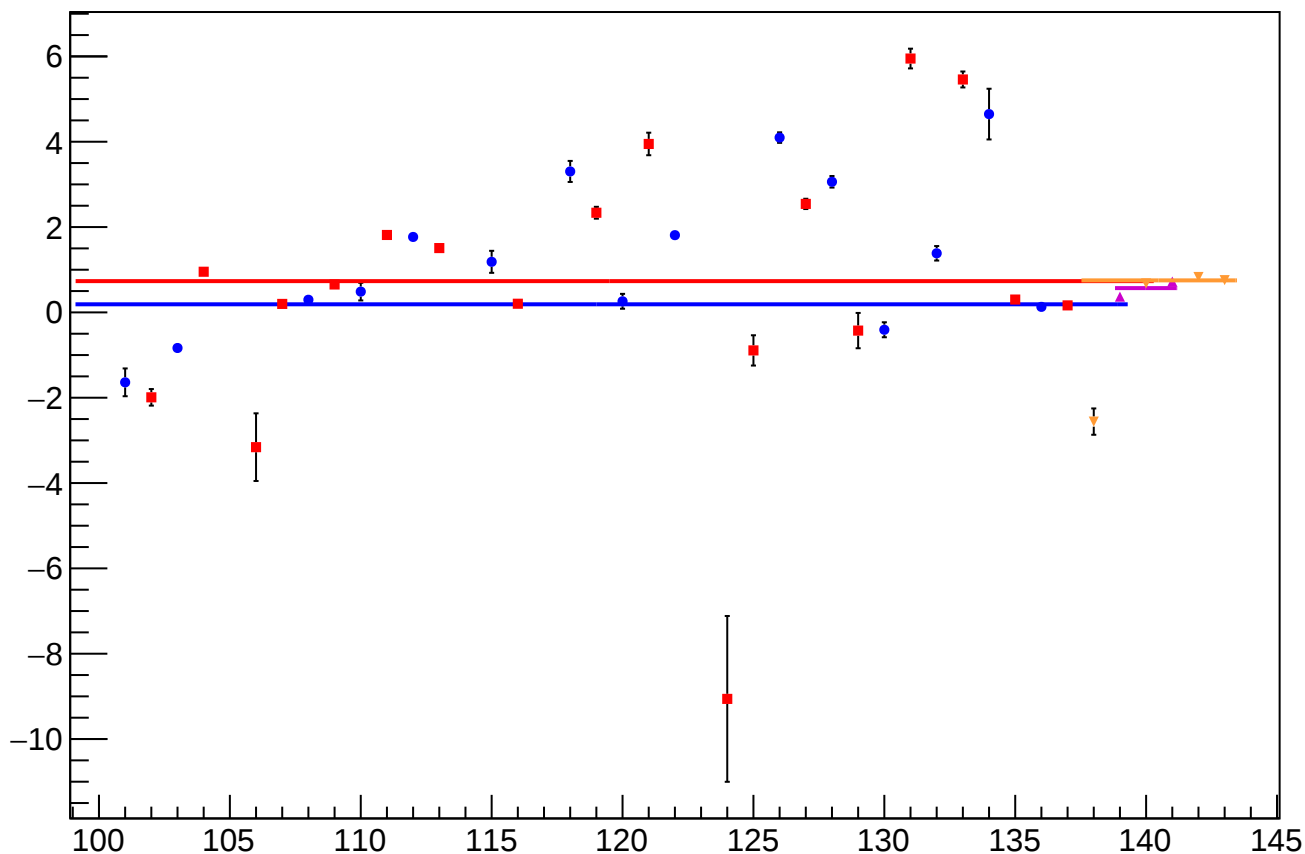
Right: -158.264 $\pm$ 0.071 χ^2/NDF : 505360.9/32

In: -160.173 $\pm$ 0.093 χ^2/NDF : 270788.3/16

Out: -171.367 $\pm$ 0.098 χ^2/NDF : 330355.9/21

All: -165.498 $\pm$ 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

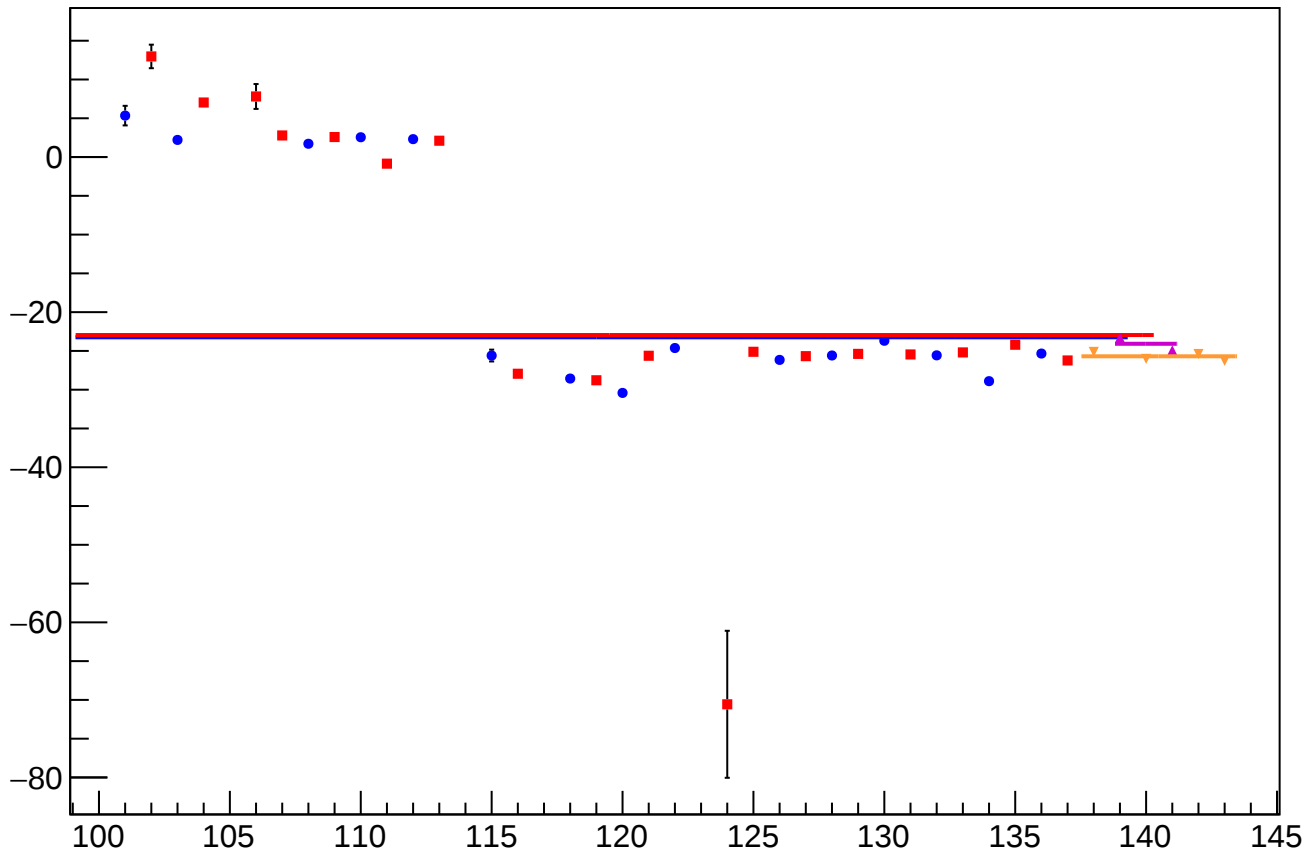
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

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 $\chi^2/\text{NDF}: 728.8/5$

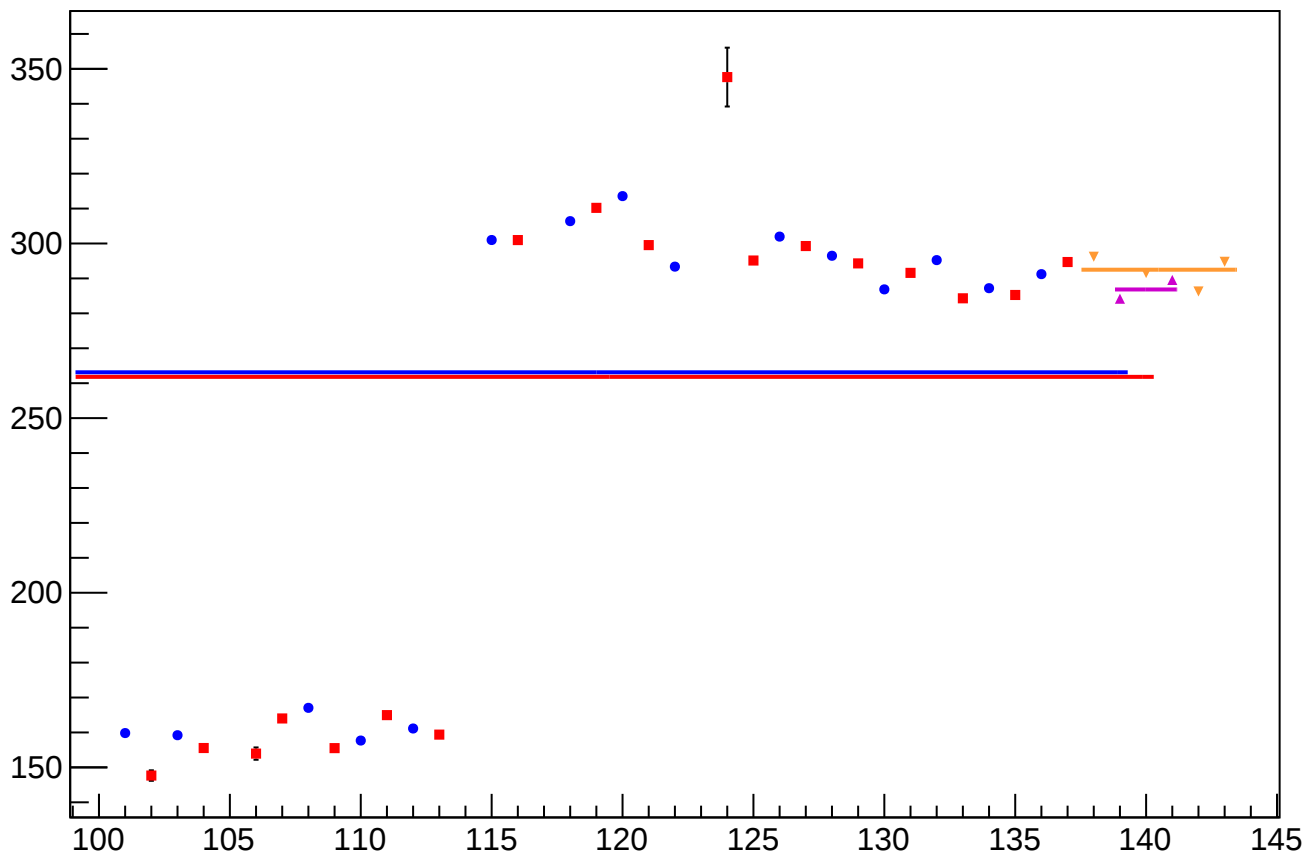
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

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

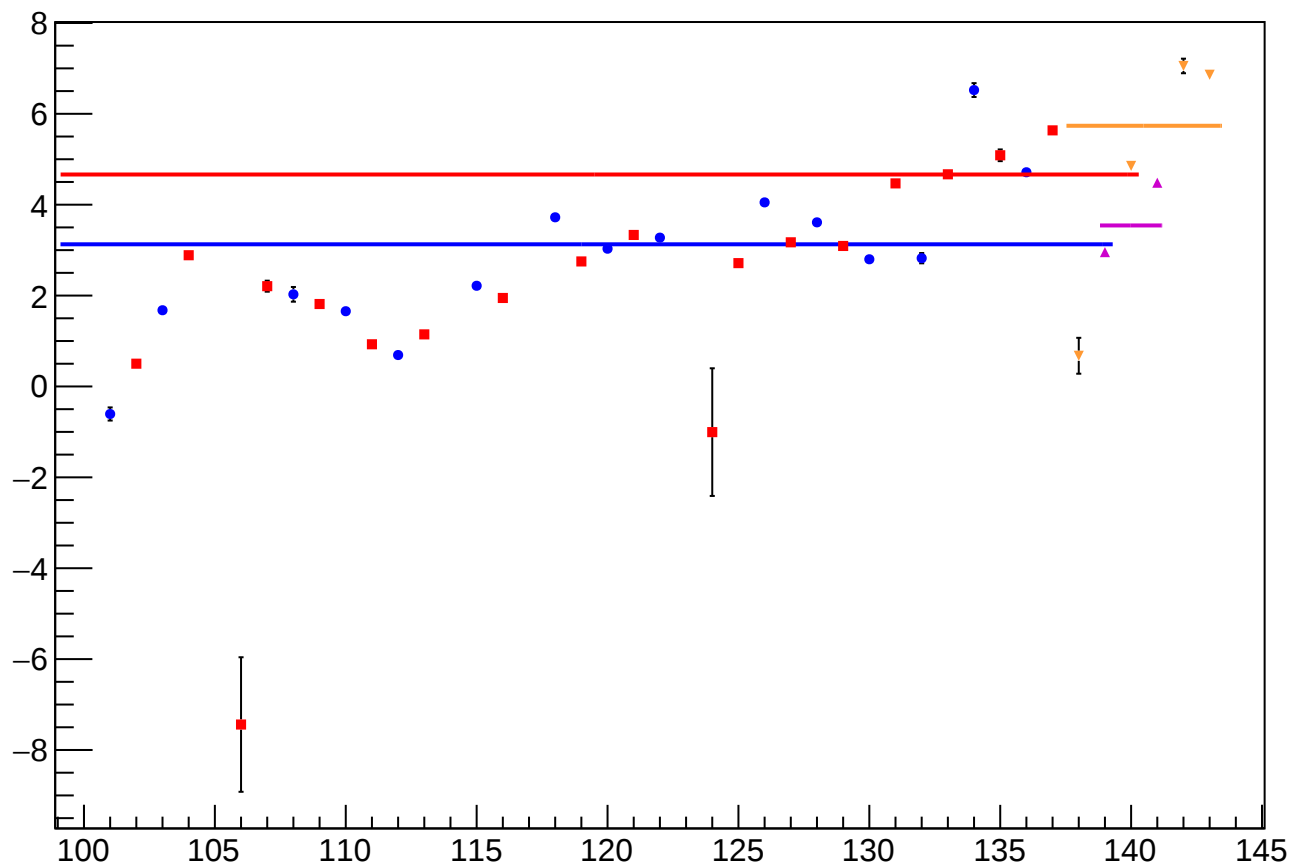
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

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 $\pm$ 0.016 χ^2/NDF : 5667.8/14

Left Out: 5.737 $\pm$ 0.058 χ^2/NDF : 478.1/3

Right Out: 4.664 $\pm$ 0.006 χ^2/NDF : 66862.5/17

Left In: 3.543 $\pm$ 0.030 χ^2/NDF : 610.2/1

Left: 4.009 $\pm$ 0.027 χ^2/NDF : 2218.6/5

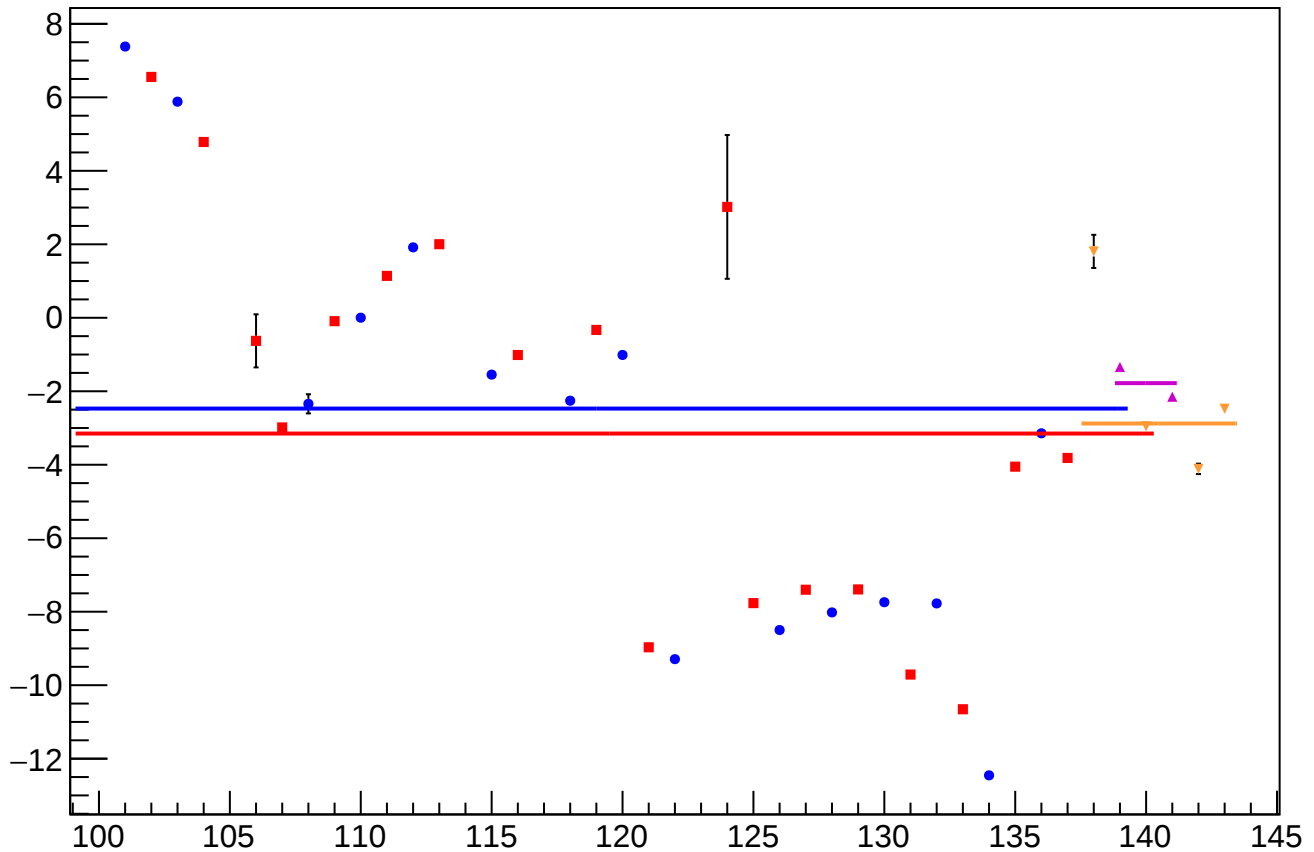
Right: 4.450 $\pm$ 0.006 χ^2/NDF : 80704.7/32

In: 3.218 $\pm$ 0.014 χ^2/NDF : 6427.2/16

Out: 4.677 $\pm$ 0.006 χ^2/NDF : 67679.6/21

All: 4.429 $\pm$ 0.006 χ^2/NDF : 83183.2/38

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 $\pm$ 0.014 χ^2/NDF : 242579.9/14

Left Out: -2.877 $\pm$ 0.049 χ^2/NDF : 207.2/3

Right Out: -3.151 $\pm$ 0.007 χ^2/NDF : 247427.7/17

Left In: -1.779 $\pm$ 0.032 χ^2/NDF : 154.7/1

Left: -2.108 $\pm$ 0.027 χ^2/NDF : 707.5/5

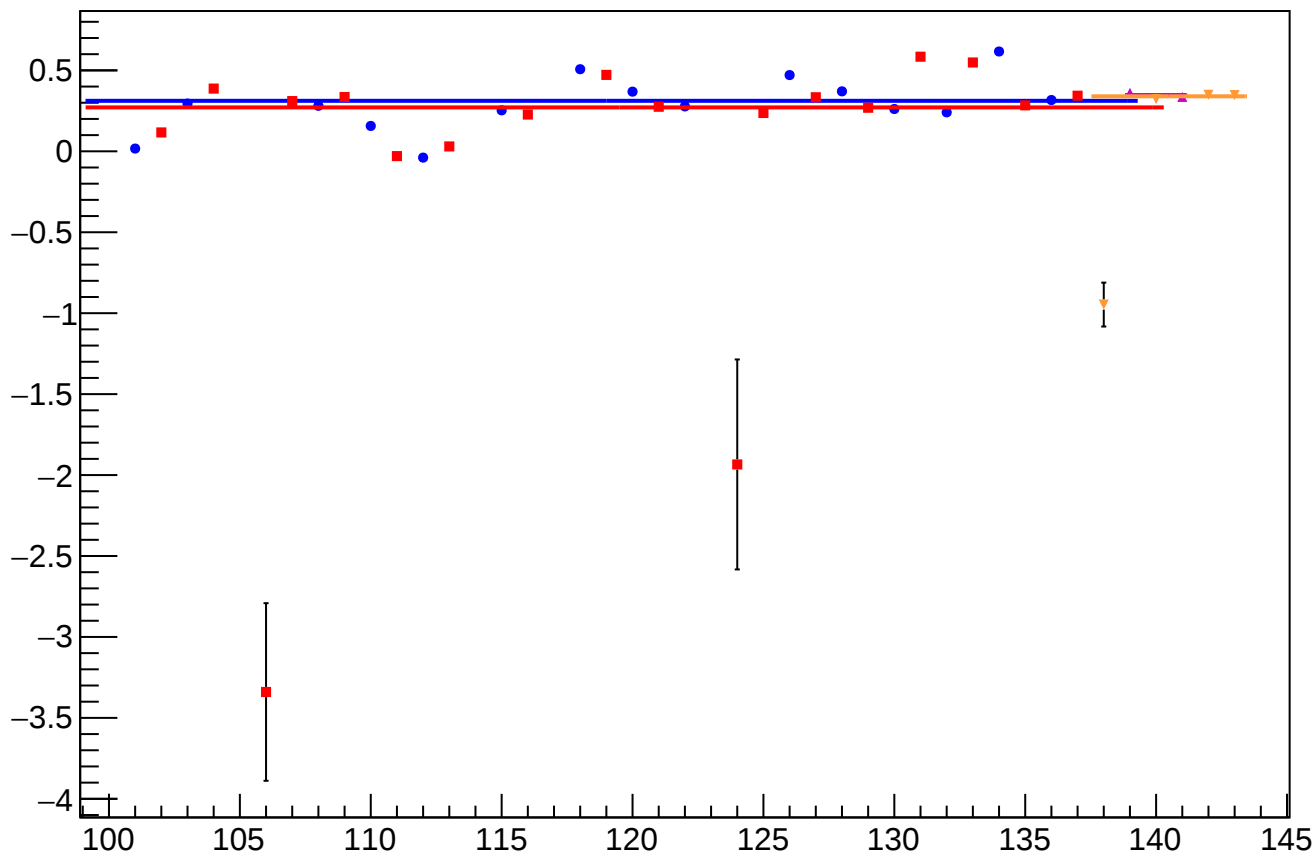
Right: -3.003 $\pm$ 0.007 χ^2/NDF : 491827.6/32

In: -2.360 $\pm$ 0.013 χ^2/NDF : 243119.1/16

Out: -3.145 $\pm$ 0.007 χ^2/NDF : 247664.9/21

All: -2.953 $\pm$ 0.006 χ^2/NDF : 493566.8/38

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.340 $\pm$ 0.002 χ^2 /NDF:135.3/3

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.348 $\pm$ 0.004 χ^2 /NDF:10.5/1

Left: 0.341 $\pm$ 0.002 χ^2 /NDF: 149.3/5

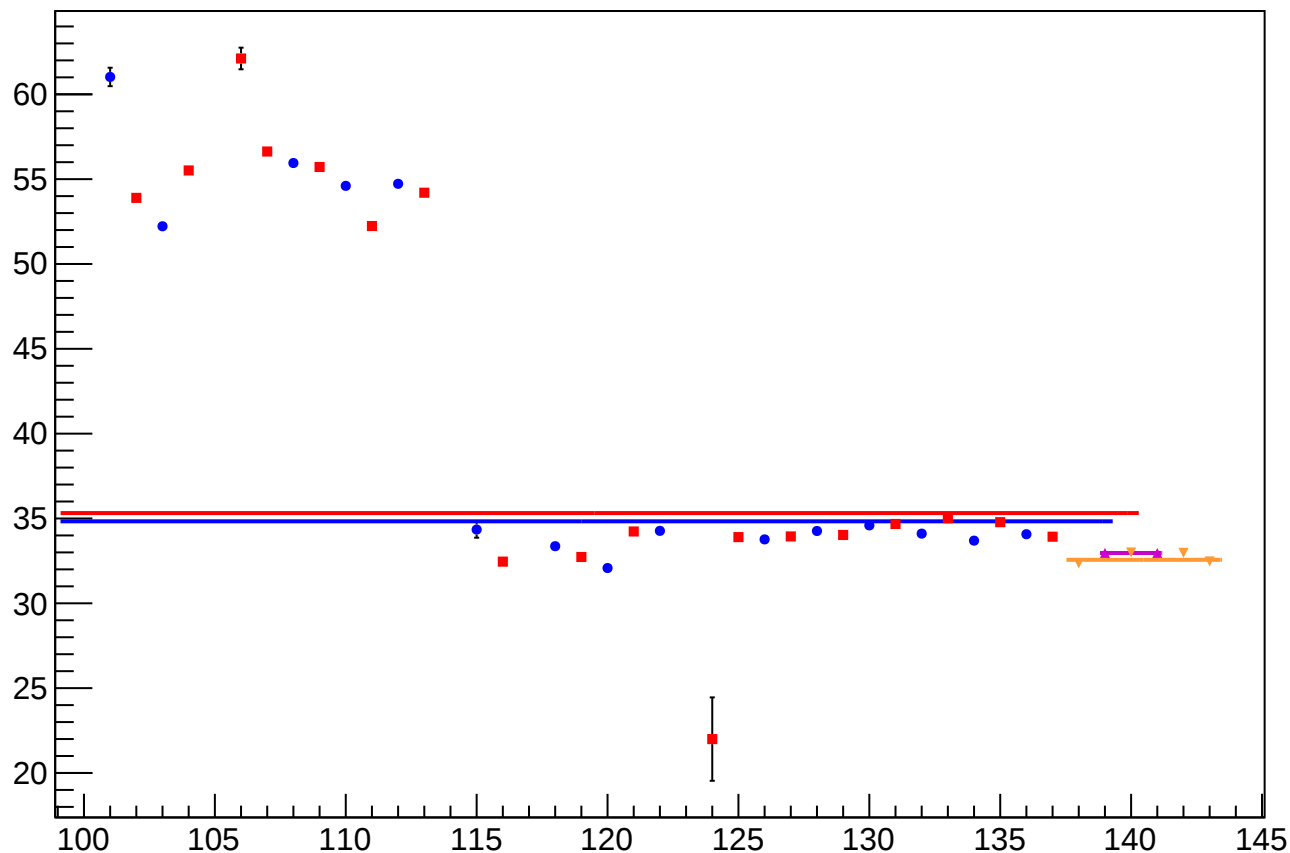
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.315 $\pm$ 0.001 χ^2 /NDF:1406.8/16

Out: 0.313 $\pm$ 0.001 χ^2 /NDF:6919.1/21

All: 0.314 $\pm$ 0.001 χ^2 /NDF: 8328.2/38

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.564 $\pm$ 0.015 χ^2 /NDF:285.8/3

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.966 $\pm$ 0.021 χ^2 /NDF:0.0/1

Left: 32.697 $\pm$ 0.012 χ^2 /NDF: 527.0/5

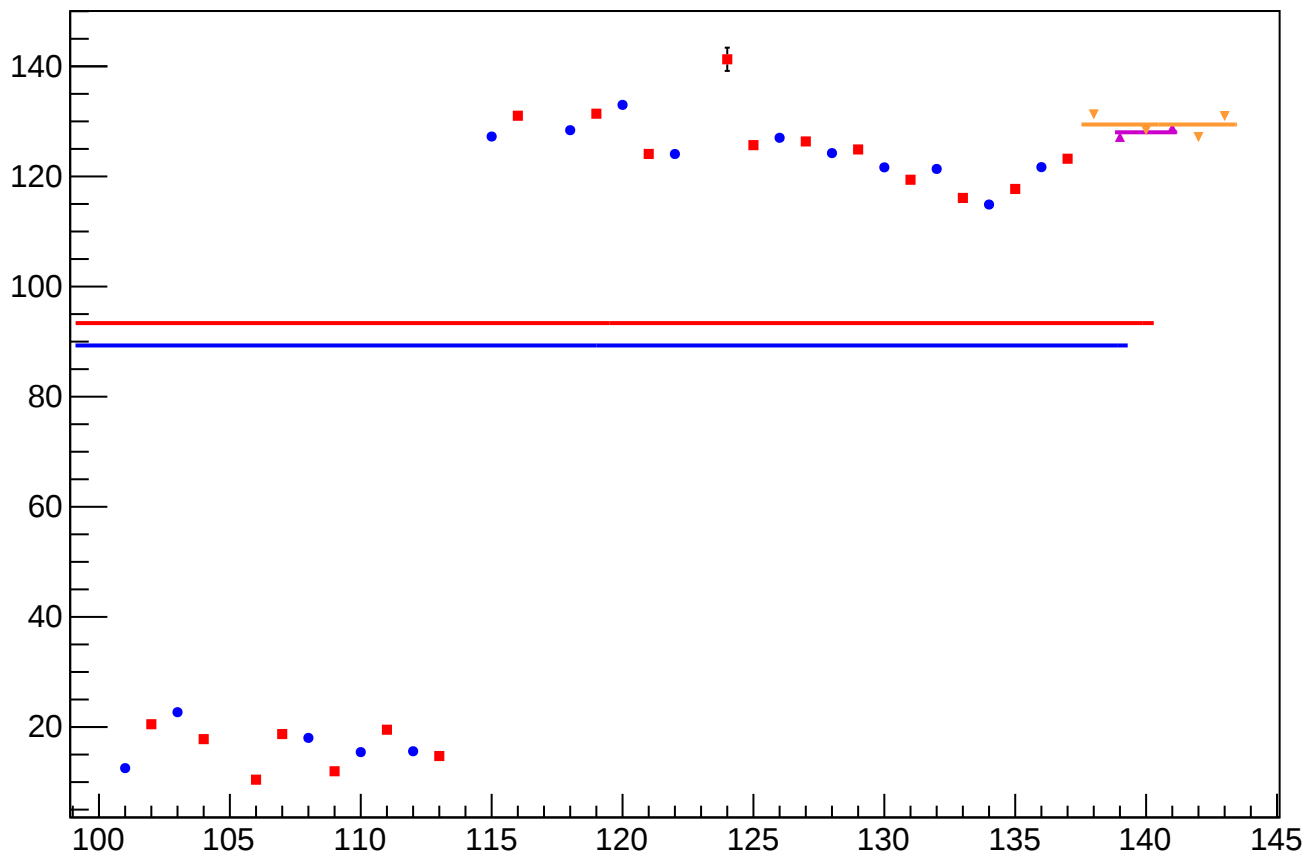
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 34.567 $\pm$ 0.008 χ^2 /NDF:252226.8/16

Out: 34.468 $\pm$ 0.008 χ^2 /NDF:285435.0/21

All: 34.519 $\pm$ 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

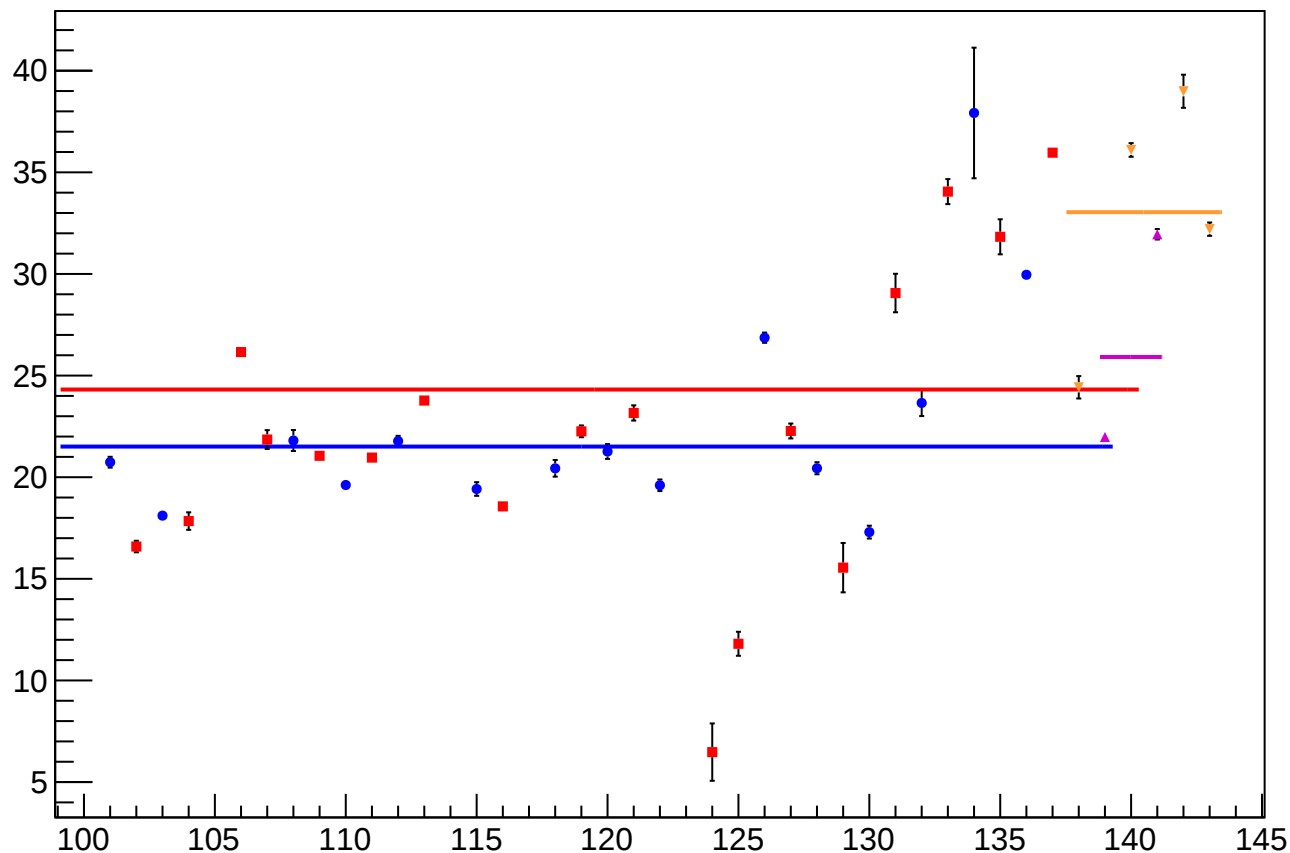
Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32

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 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 33.039 $\pm$ 0.209 χ^2 /NDF:387.1/3

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 25.915 $\pm$ 0.162 χ^2 /NDF:910.7/1

Left: 28.578 $\pm$ 0.128 χ^2 /NDF: 2025.1/5

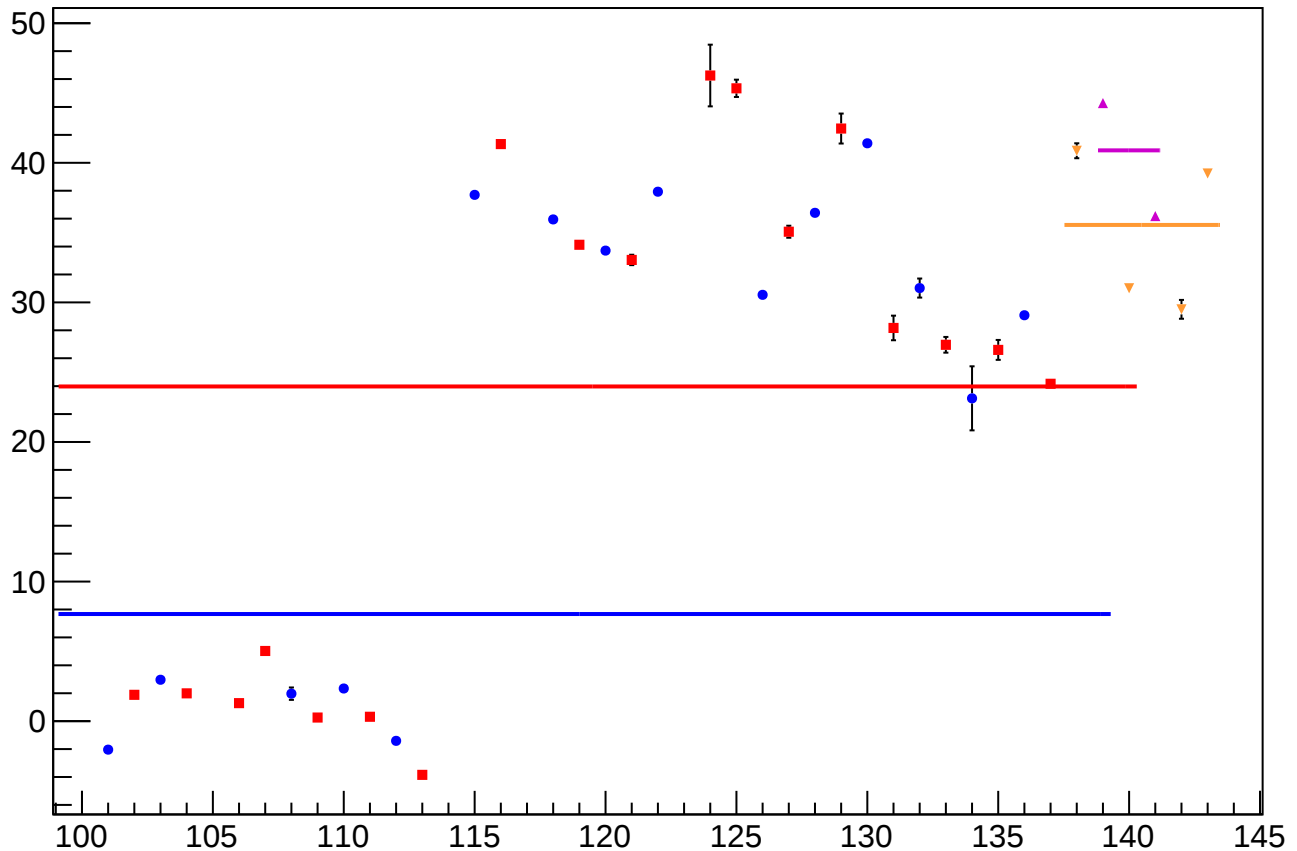
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 22.243 $\pm$ 0.066 χ^2 /NDF:4494.2/16

Out: 24.947 $\pm$ 0.056 χ^2 /NDF:16298.3/21

All: 23.808 $\pm$ 0.043 χ^2 /NDF: 21763.6/38

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 $\pm$ 0.045 χ^2 /NDF: 96442.5/14

Left Out: 35.549 $\pm$ 0.181 χ^2 /NDF: 597.8/3

Right Out: 23.977 $\pm$ 0.008 χ^2 /NDF: 110564.0/17

Left In: 40.891 $\pm$ 0.132 χ^2 /NDF: 911.0/1

Left: 39.033 $\pm$ 0.107 χ^2 /NDF: 2076.0/5

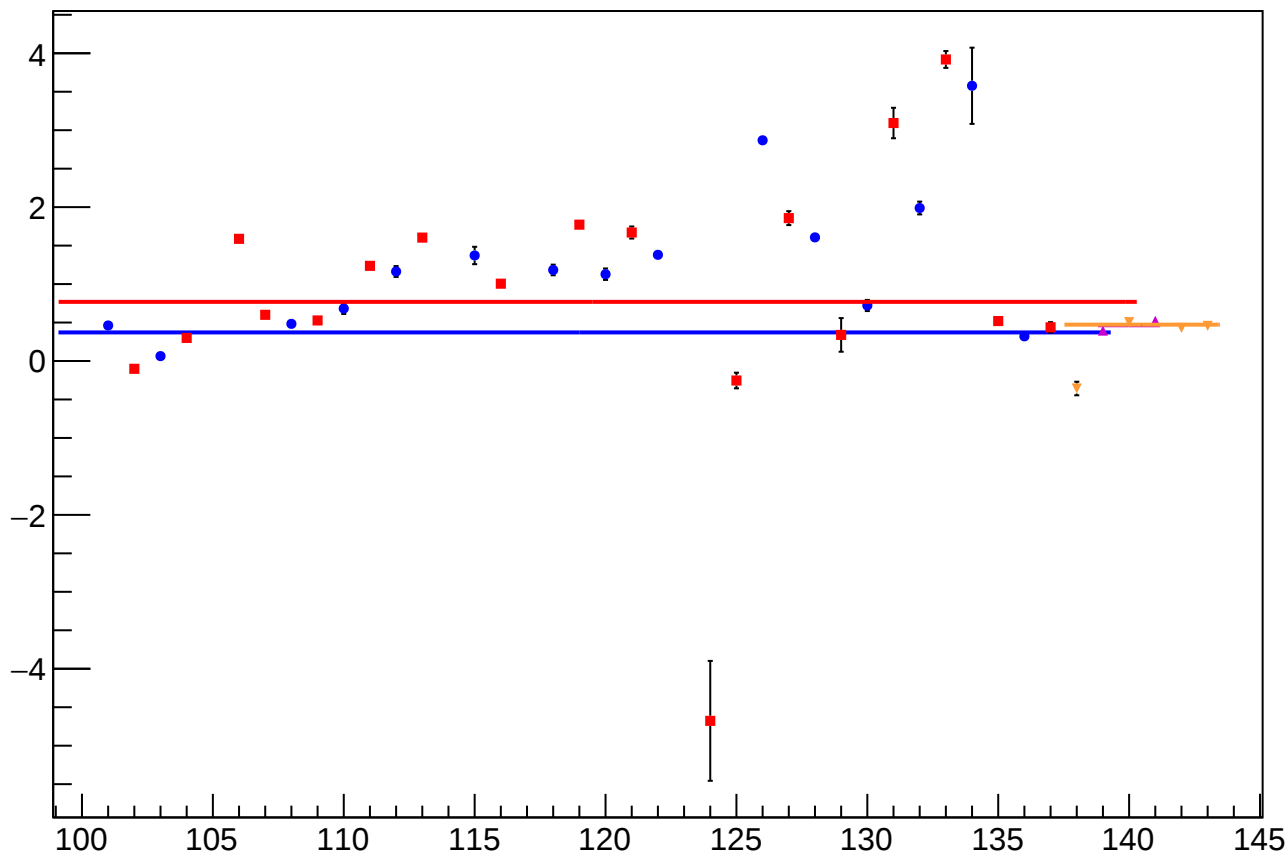
Right: 23.461 $\pm$ 0.008 χ^2 /NDF: 332774.6/32

In: 11.151 $\pm$ 0.043 χ^2 /NDF: 153784.9/16

Out: 24.001 $\pm$ 0.008 χ^2 /NDF: 115234.5/21

All: 23.549 $\pm$ 0.008 χ^2 /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 $\chi^2/\text{NDF}: 535.3/5$

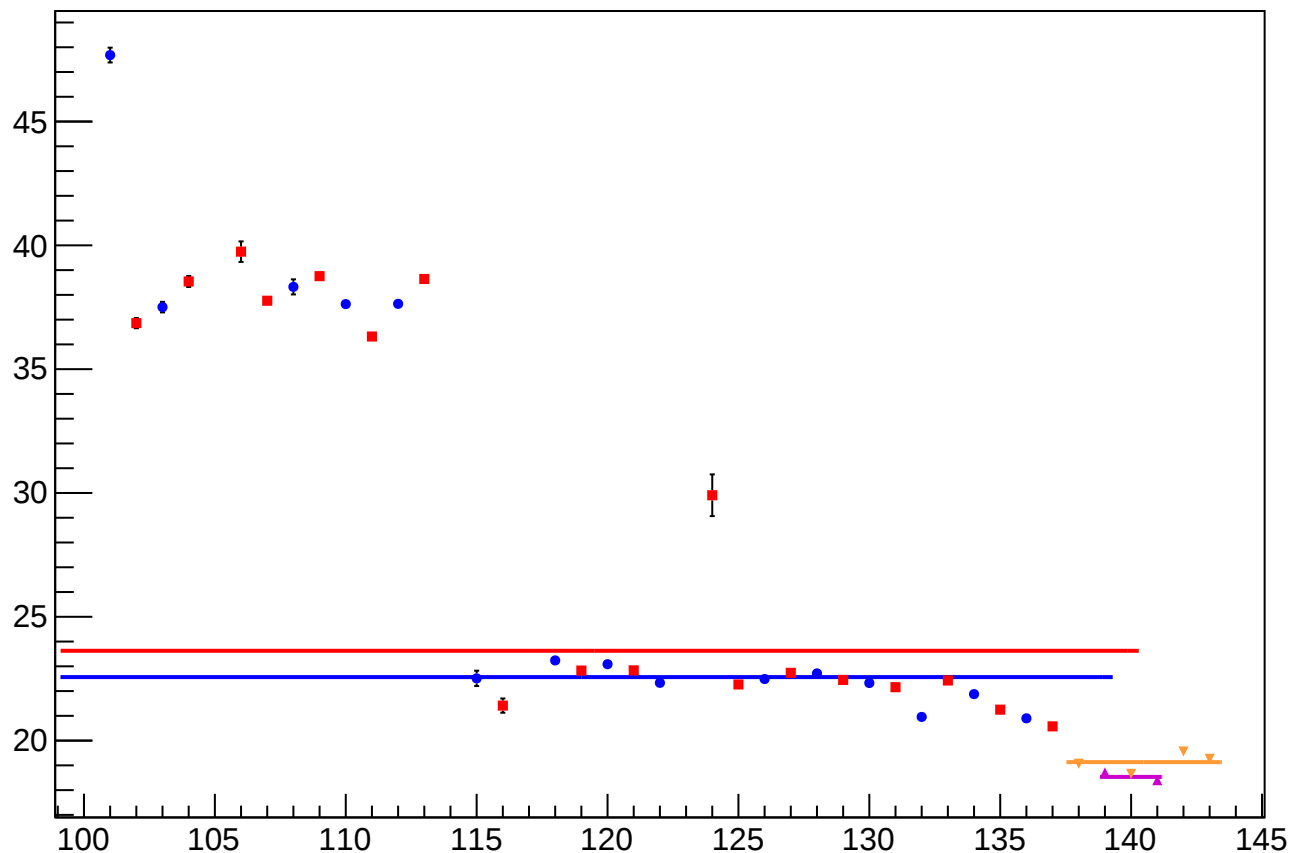
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

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

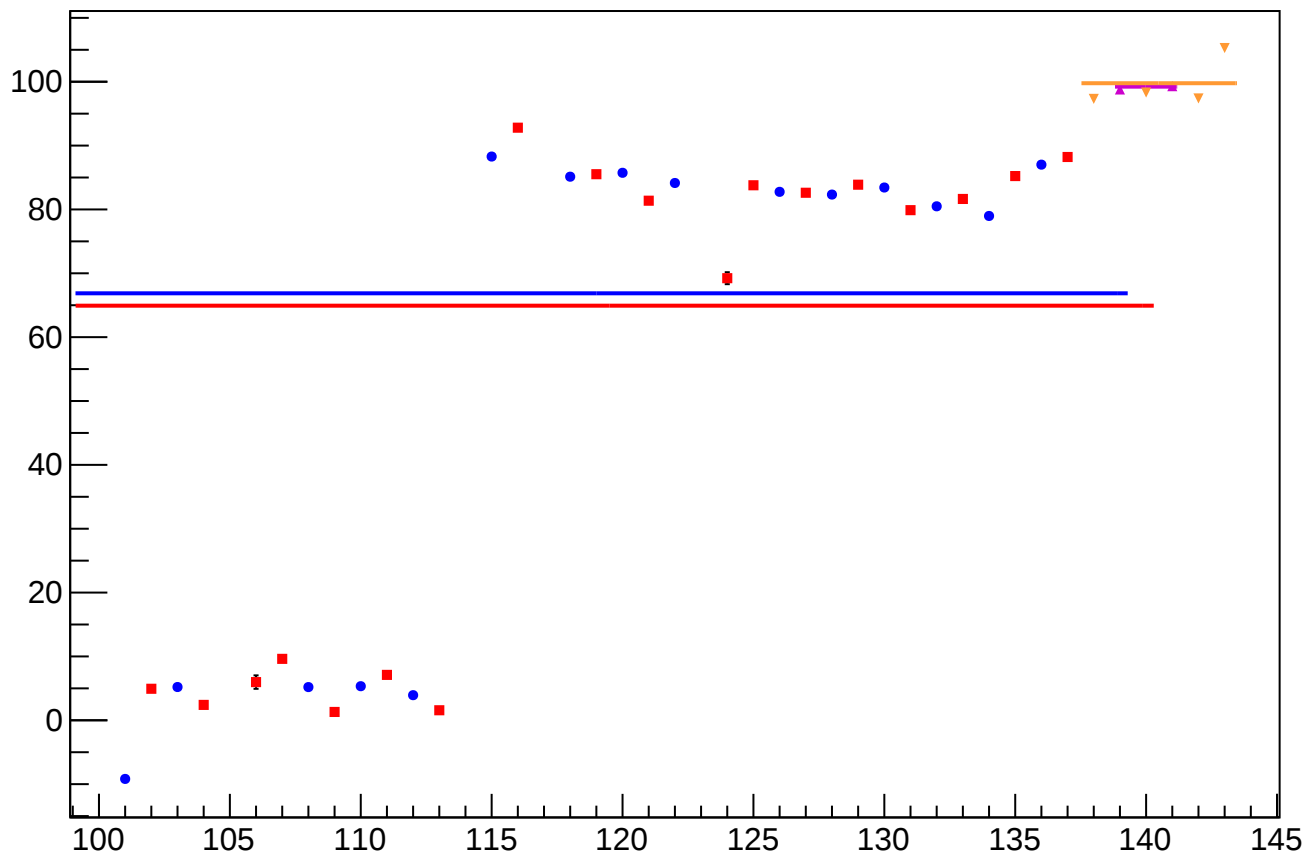
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

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+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 99.767+/-0.030 χ^2/NDF :12777.9/3

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 99.229+/-0.033 χ^2/NDF :30.6/1

Left: 99.523+/-0.022 χ^2/NDF : 12956.4/5

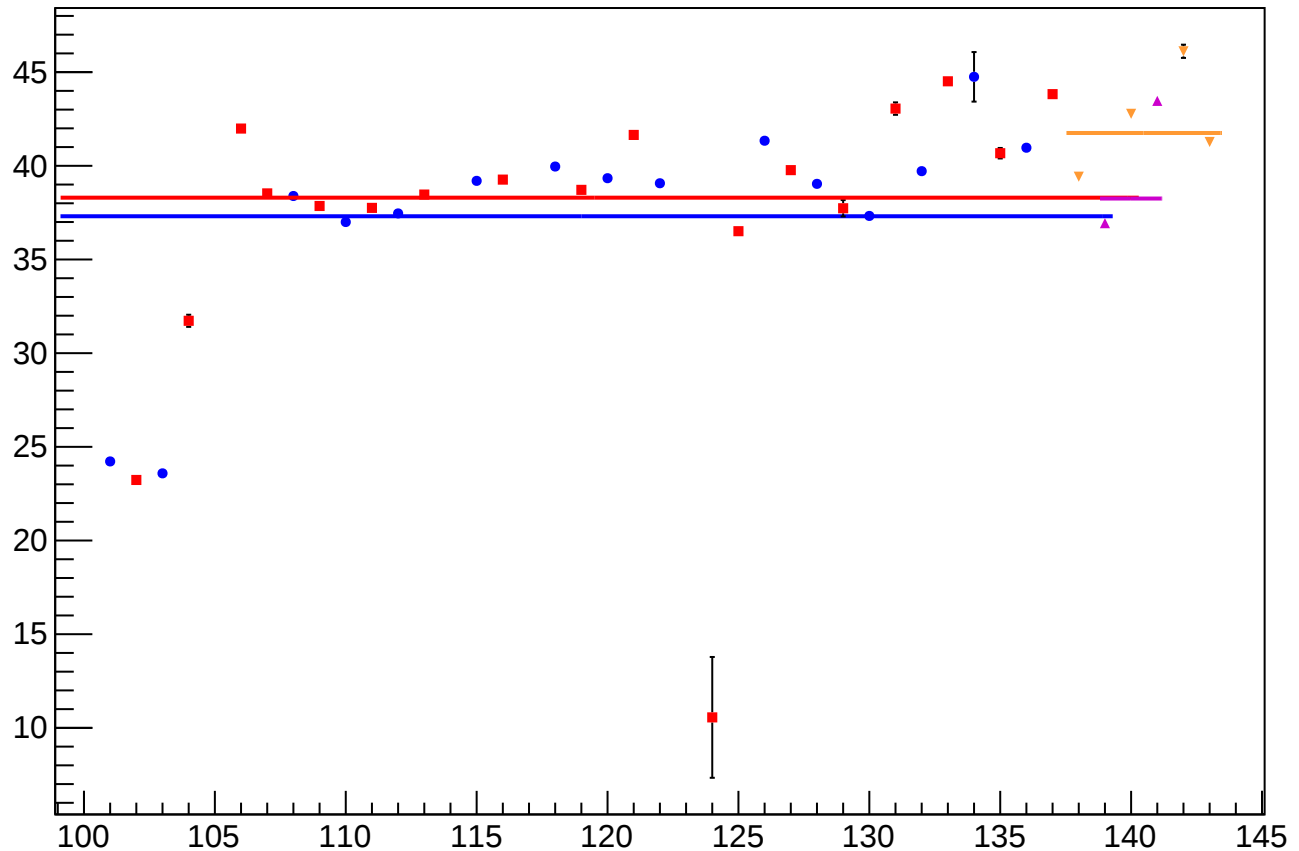
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 80.027+/-0.021 χ^2/NDF :2075892.1/16

Out: 82.342+/-0.021 χ^2/NDF :2033779.7/21

All: 81.174+/-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

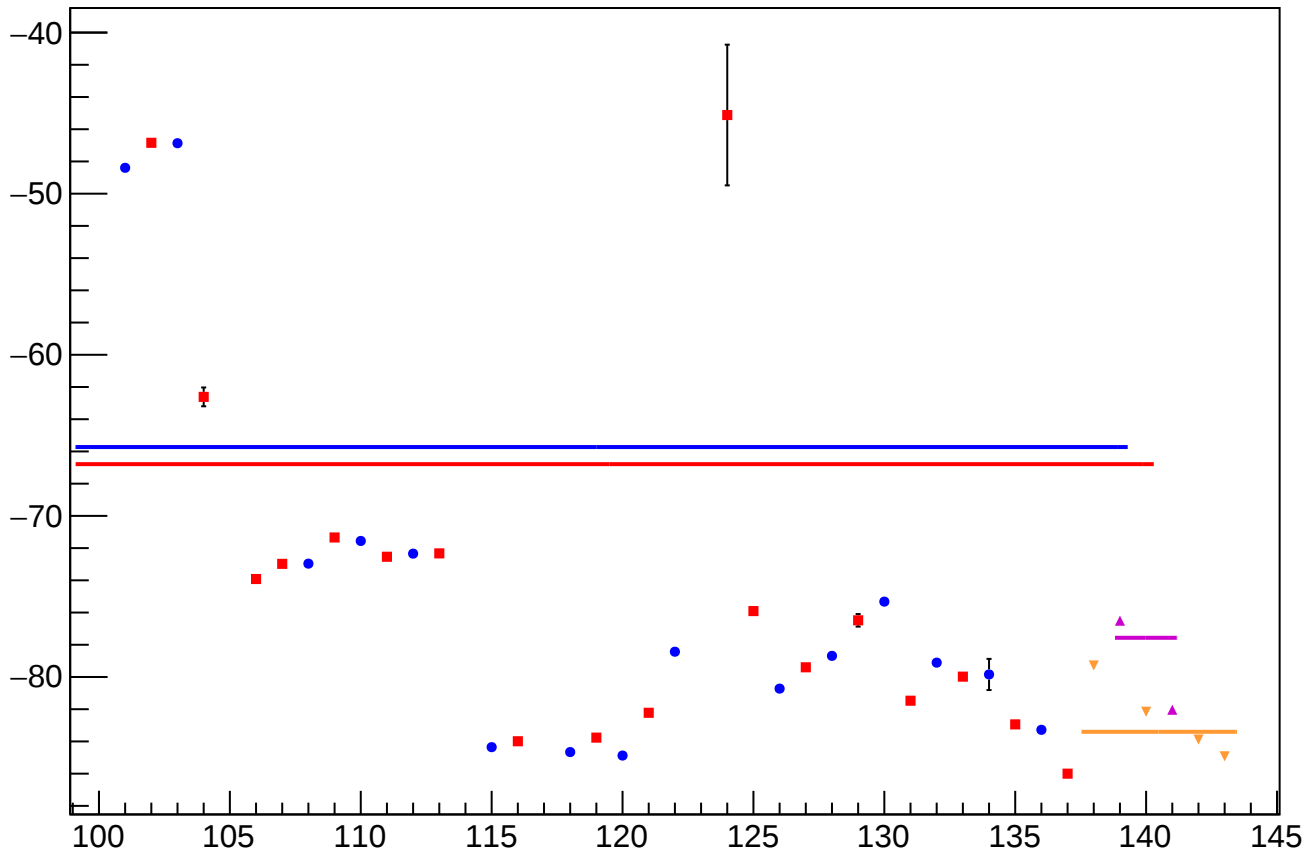
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

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

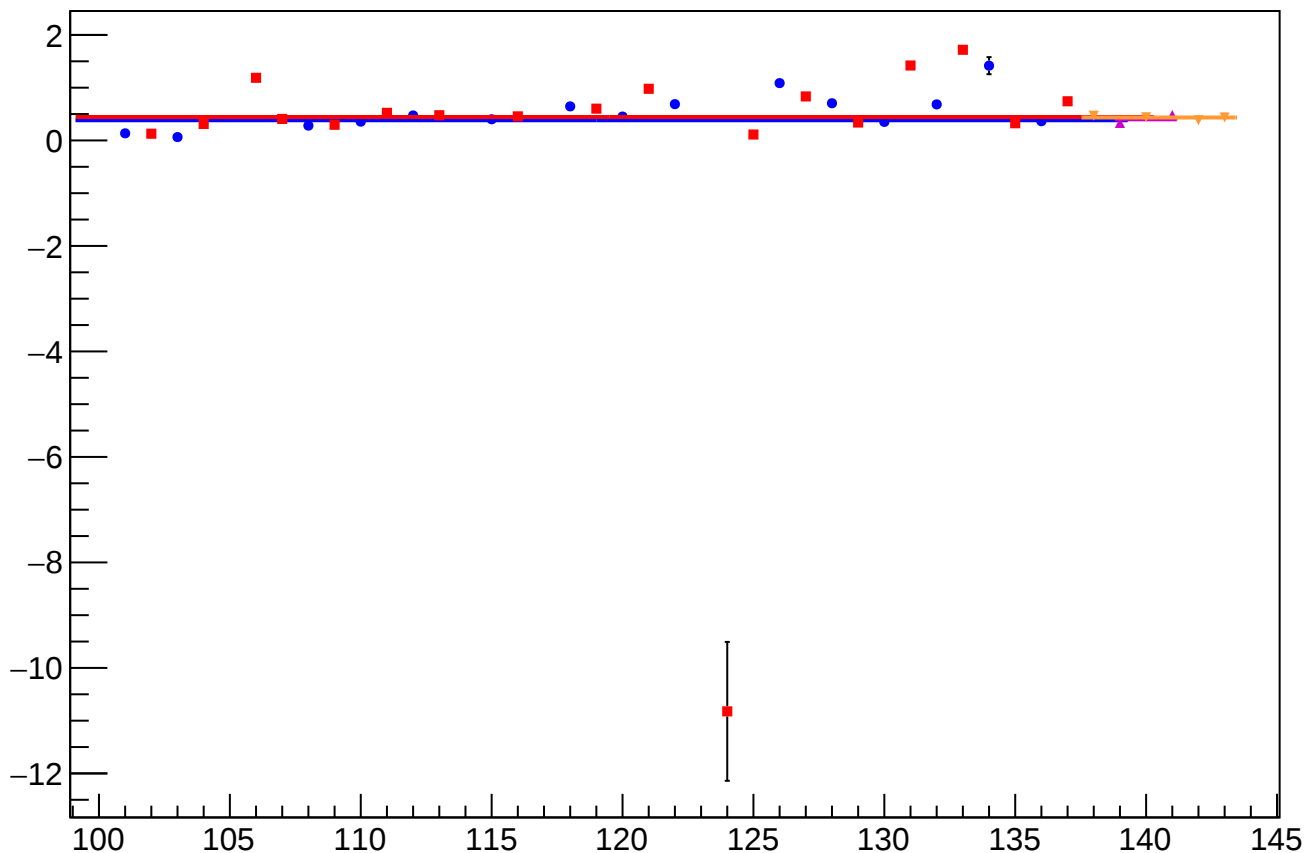
dit_sam7_4eX_slope vs Slug, Sign Corrected



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 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.435 ± 0.002 $\chi^2/\text{NDF}: 47.3/3$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.400 ± 0.002 $\chi^2/\text{NDF}: 1799.8/1$

Left: 0.418 ± 0.001 $\chi^2/\text{NDF}: 2042.0/5$

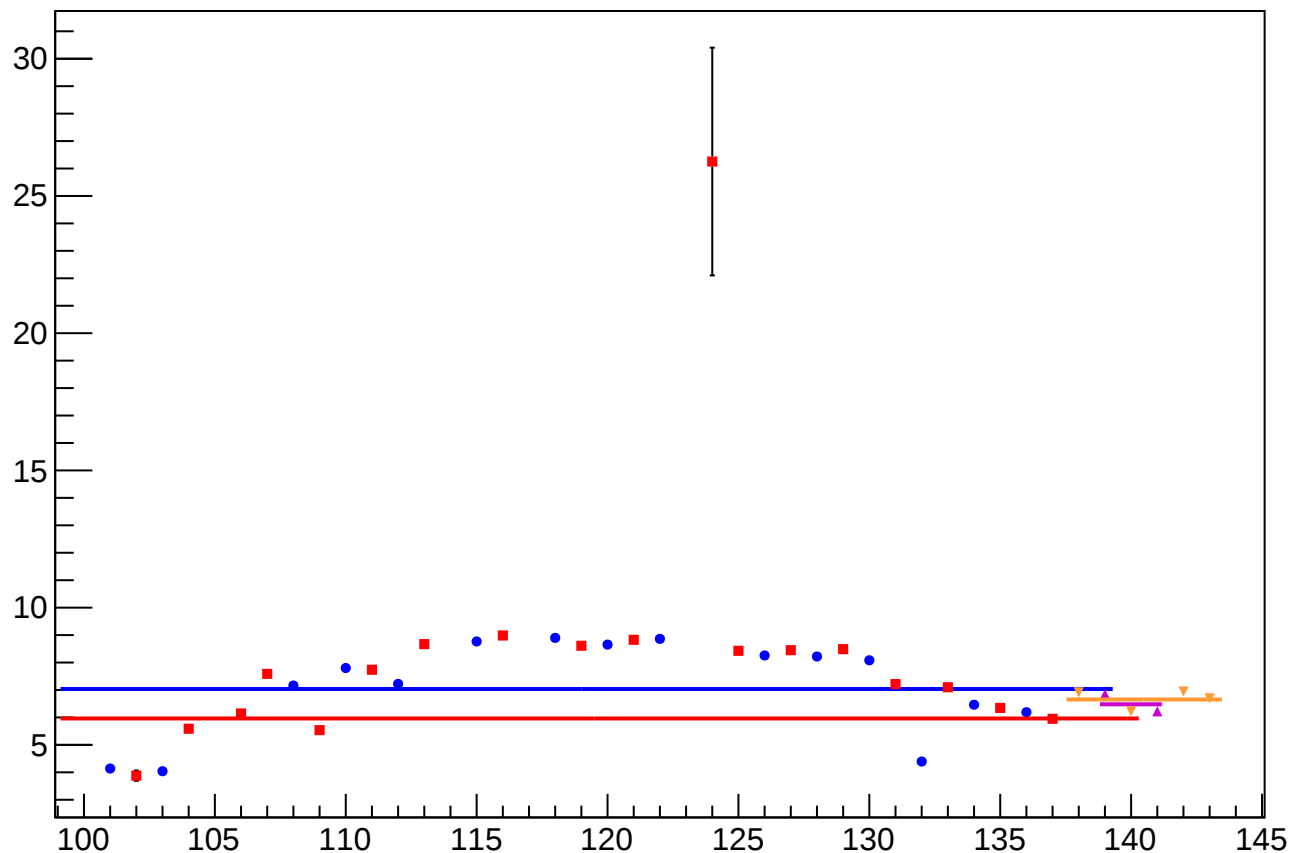
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.392 ± 0.001 $\chi^2/\text{NDF}: 10018.4/16$

Out: 0.436 ± 0.002 $\chi^2/\text{NDF}: 2839.0/21$

All: 0.410 ± 0.001 $\chi^2/\text{NDF}: 13338.4/38$

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 $\chi^2/\text{NDF}: 69905.1/14$

Left Out: 6.654 ± 0.005 $\chi^2/\text{NDF}: 2659.5/3$

Right Out: 5.962 ± 0.000 $\chi^2/\text{NDF}: 168372.8/17$

Left In: 6.478 ± 0.006 $\chi^2/\text{NDF}: 2652.5/1$

Left: 6.588 ± 0.004 $\chi^2/\text{NDF}: 5850.6/5$

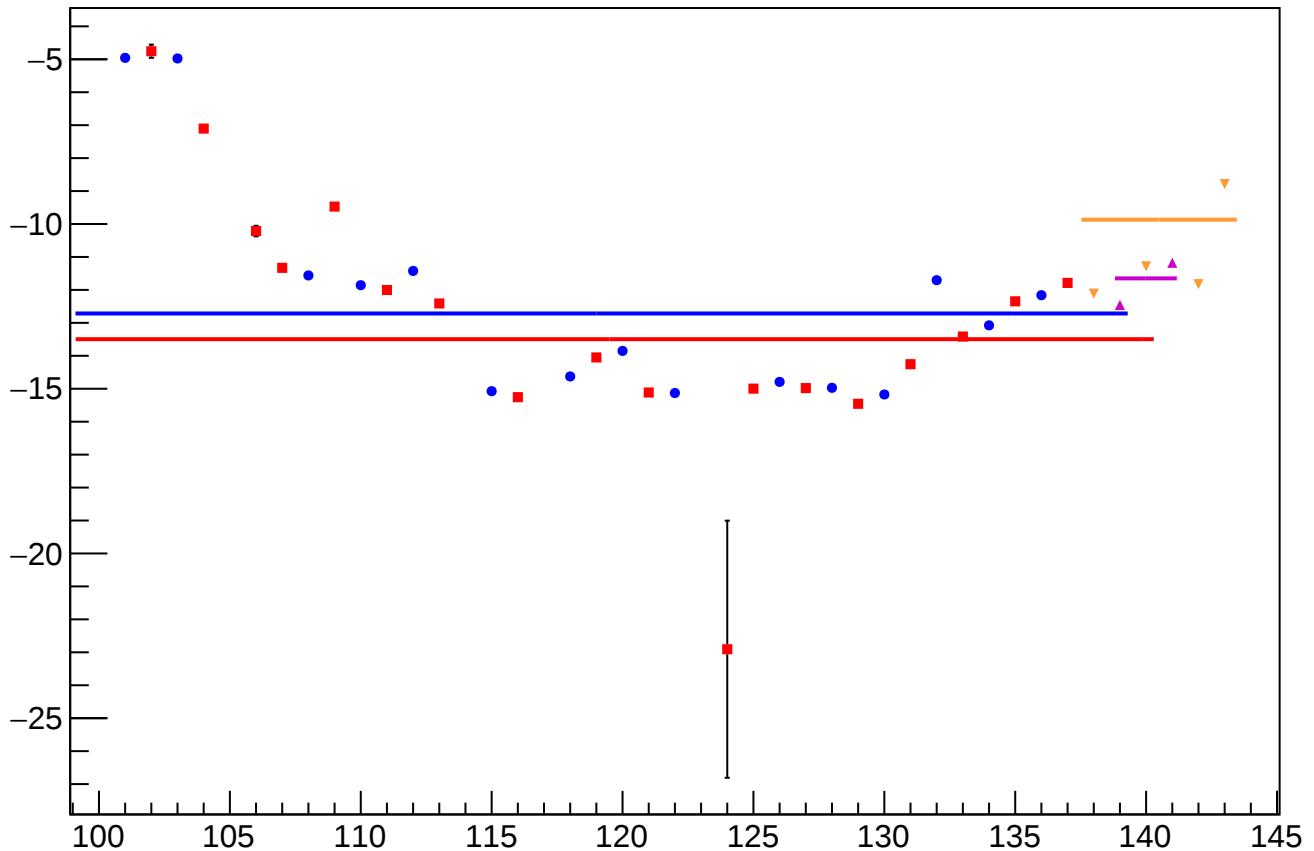
Right: 5.970 ± 0.000 $\chi^2/\text{NDF}: 294275.6/32$

In: 6.833 ± 0.004 $\chi^2/\text{NDF}: 78110.4/16$

Out: 5.967 ± 0.000 $\chi^2/\text{NDF}: 192956.8/21$

All: 5.978 ± 0.000 $\chi^2/\text{NDF}: 328036.3/38$

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2/NDF : 85219.4/14

Left Out: -9.868 $\pm$ 0.005 χ^2/NDF : 84335.6/3

Right Out: -13.496 $\pm$ 0.006 χ^2/NDF : 55753.8/17

Left In: -11.650 $\pm$ 0.011 χ^2/NDF : 3229.4/1

Left: -10.176 $\pm$ 0.005 χ^2/NDF : 109792.5/5

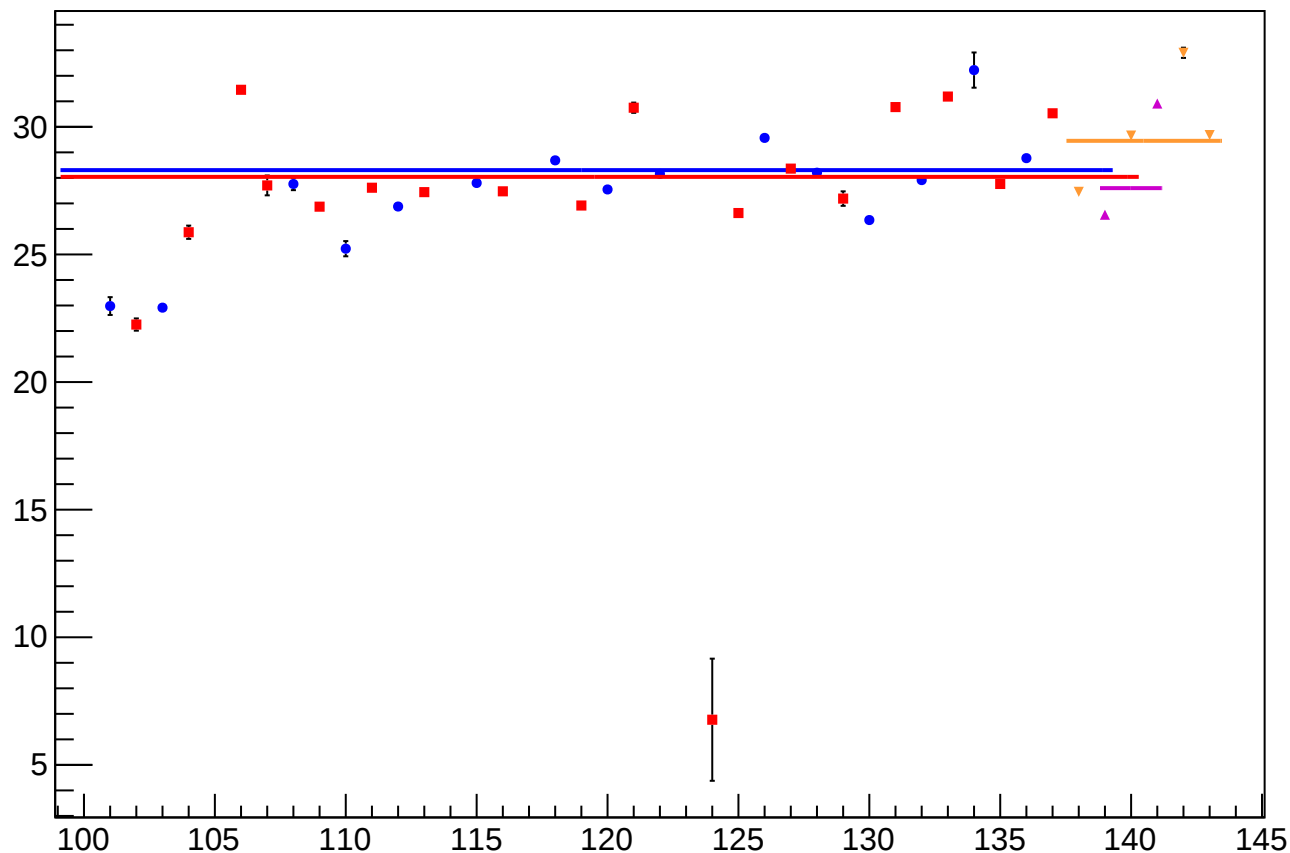
Right: -13.142 $\pm$ 0.004 χ^2/NDF : 149153.5/32

In: -12.442 $\pm$ 0.006 χ^2/NDF : 95601.0/16

Out: -11.401 $\pm$ 0.004 χ^2/NDF : 365165.3/21

All: -11.734 $\pm$ 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

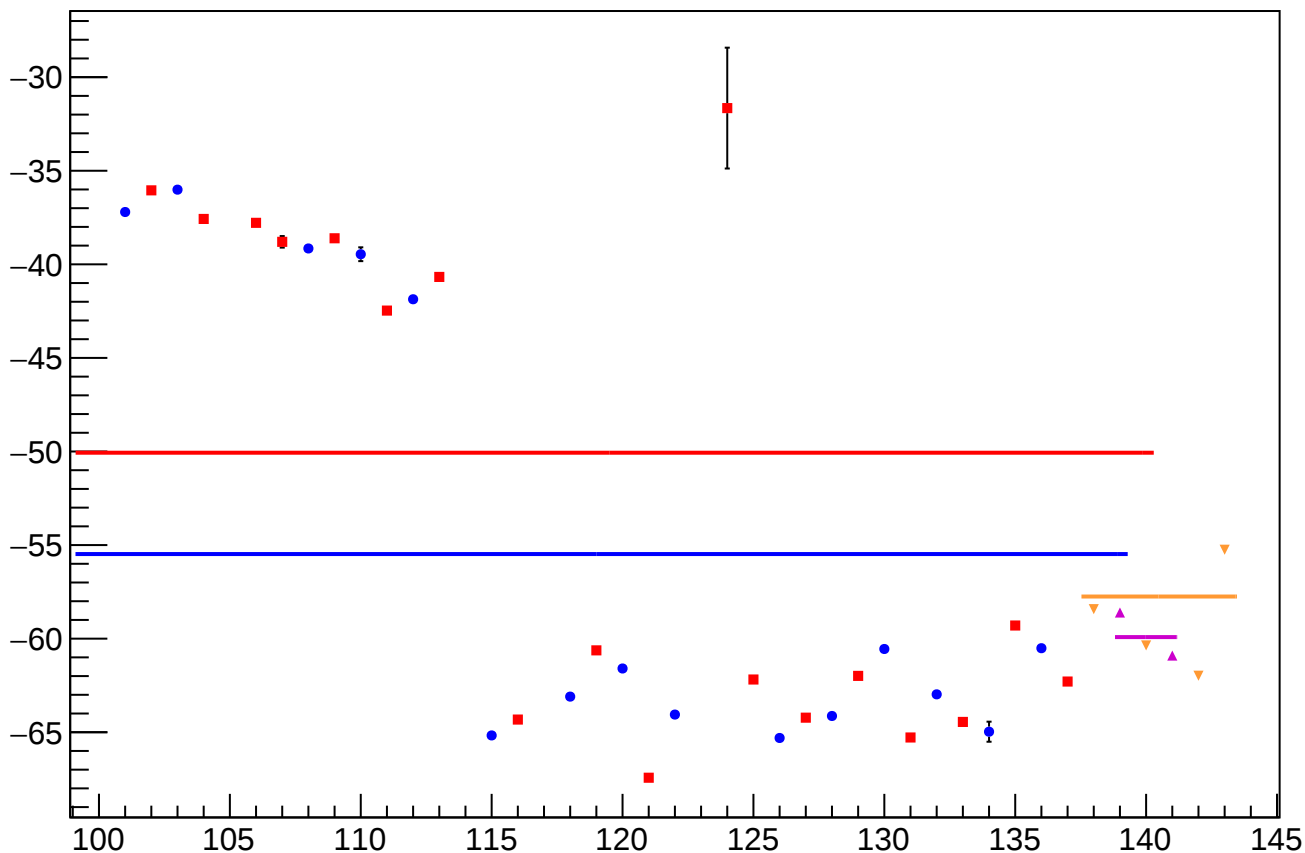
Right: 28.207+/-0.018 χ^2 /NDF: 6009.6/32

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 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -57.749 ± 0.047 $\chi^2/\text{NDF}: 2911.0/3$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -59.917 ± 0.058 $\chi^2/\text{NDF}: 389.1/1$

Left: -58.607 ± 0.036 $\chi^2/\text{NDF}: 4151.9/5$

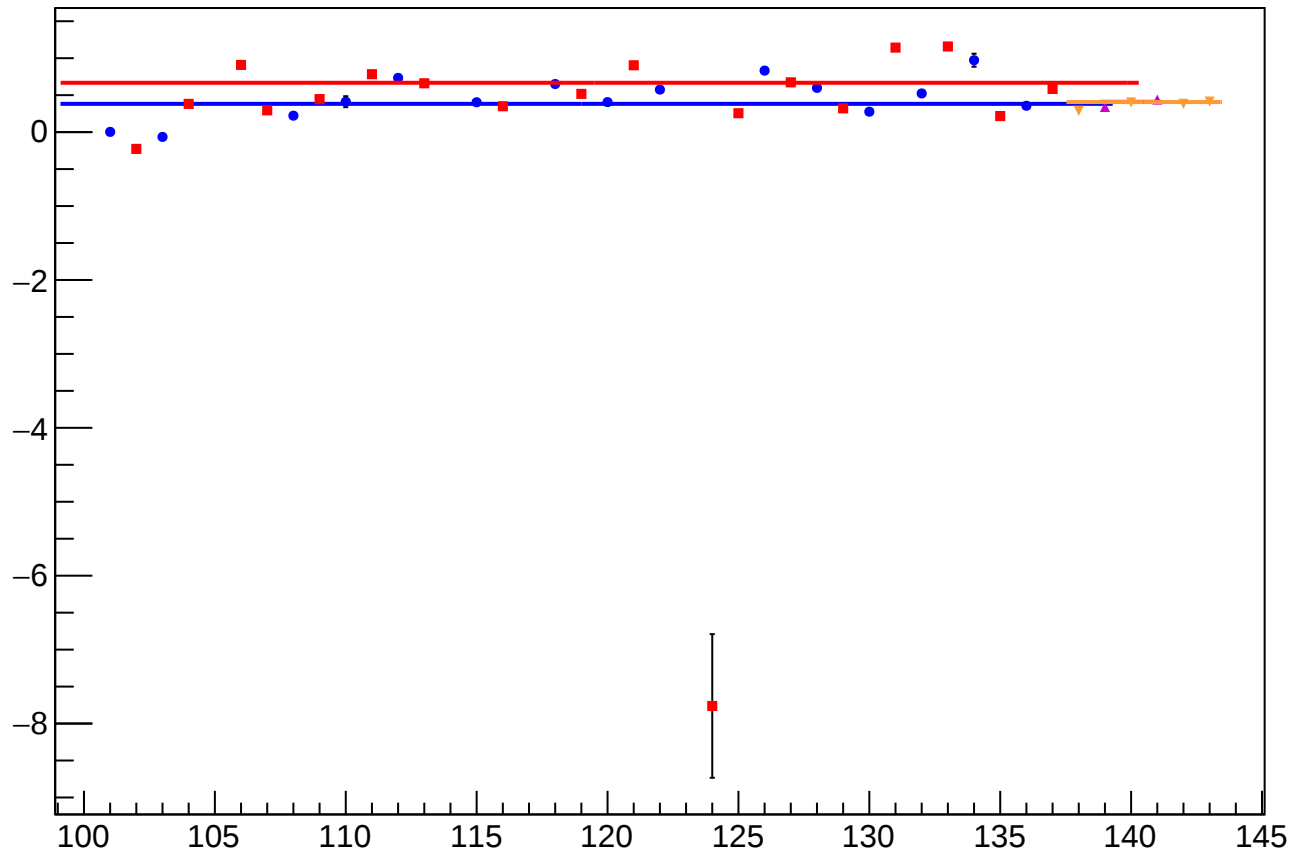
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -55.817 ± 0.016 $\chi^2/\text{NDF}: 600988.3/16$

Out: -51.577 ± 0.021 $\chi^2/\text{NDF}: 364726.1/21$

All: -54.244 ± 0.013 $\chi^2/\text{NDF}: 992041.0/38$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.407 ± 0.001 $\chi^2/\text{NDF}: 241.6/3$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.410 ± 0.002 $\chi^2/\text{NDF}: 898.1/1$

Left: 0.408 ± 0.001 $\chi^2/\text{NDF}: 1142.6/5$

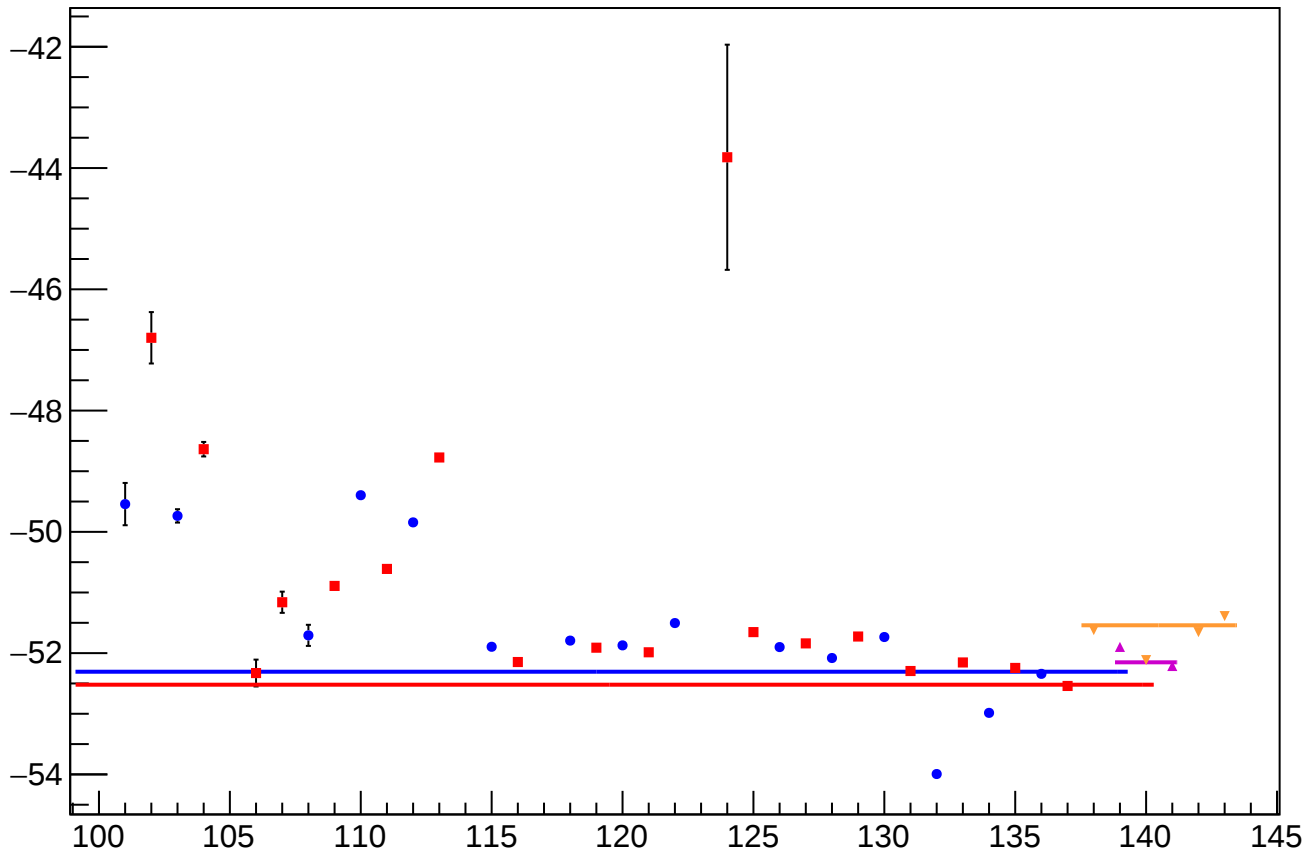
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.397 ± 0.001 $\chi^2/\text{NDF}: 5649.2/16$

Out: 0.424 ± 0.001 $\chi^2/\text{NDF}: 6942.1/21$

All: 0.409 ± 0.001 $\chi^2/\text{NDF}: 12872.6/38$

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

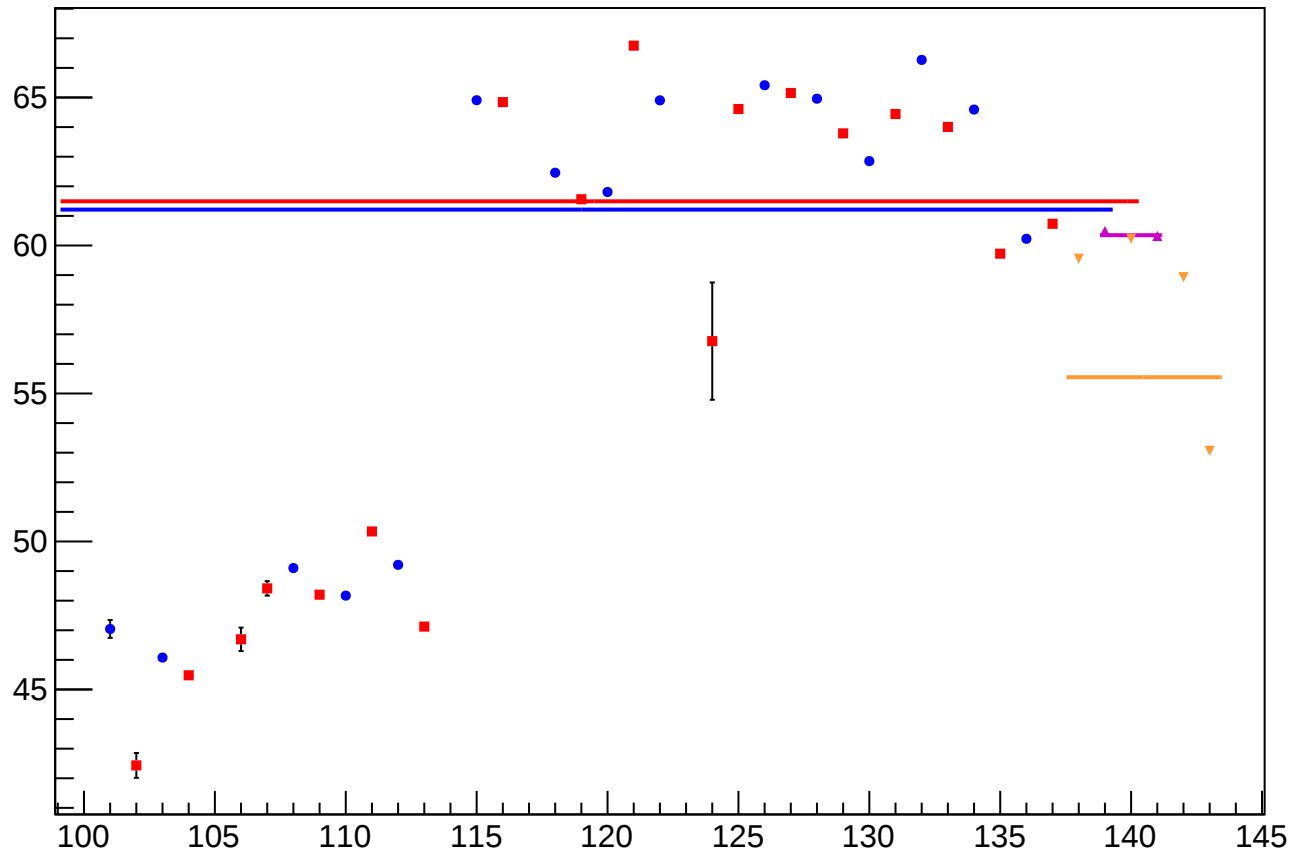
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

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

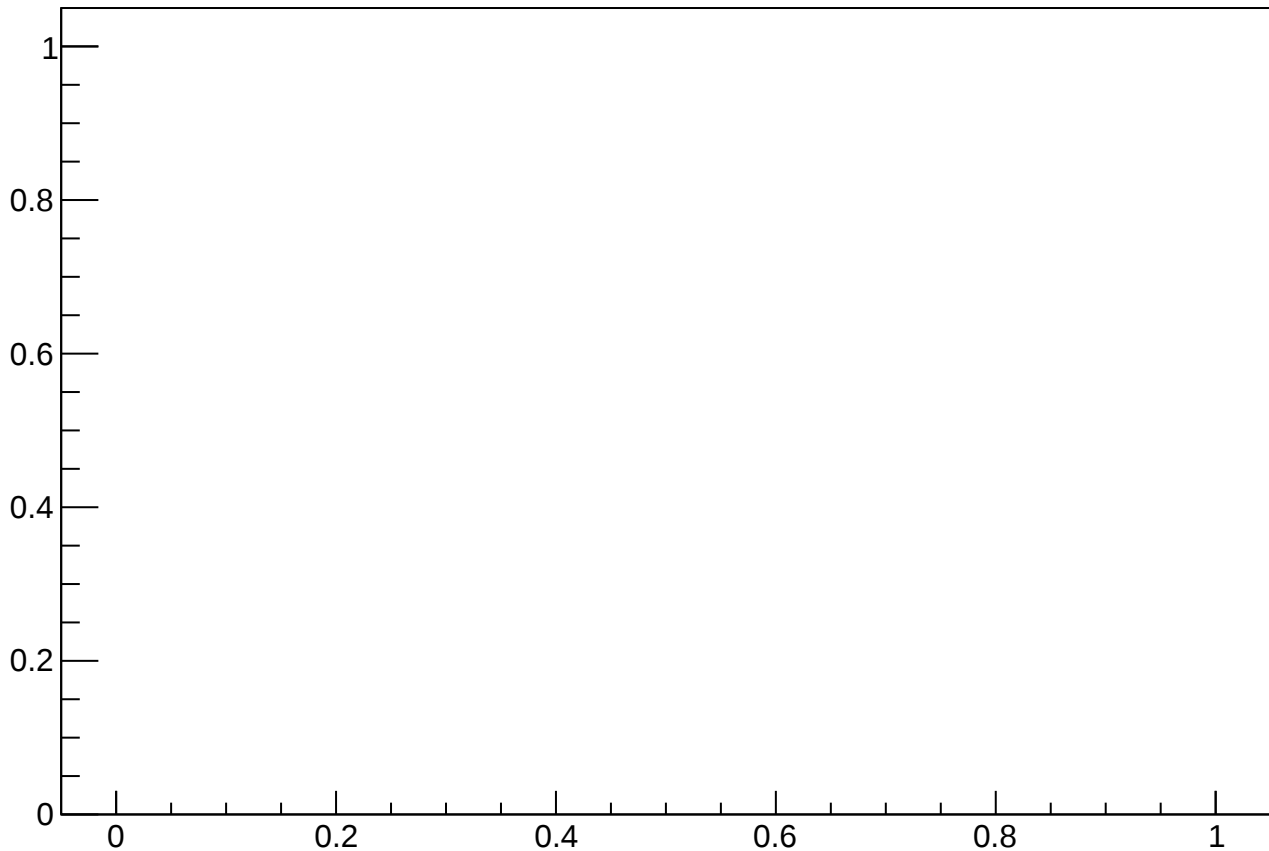
Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

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

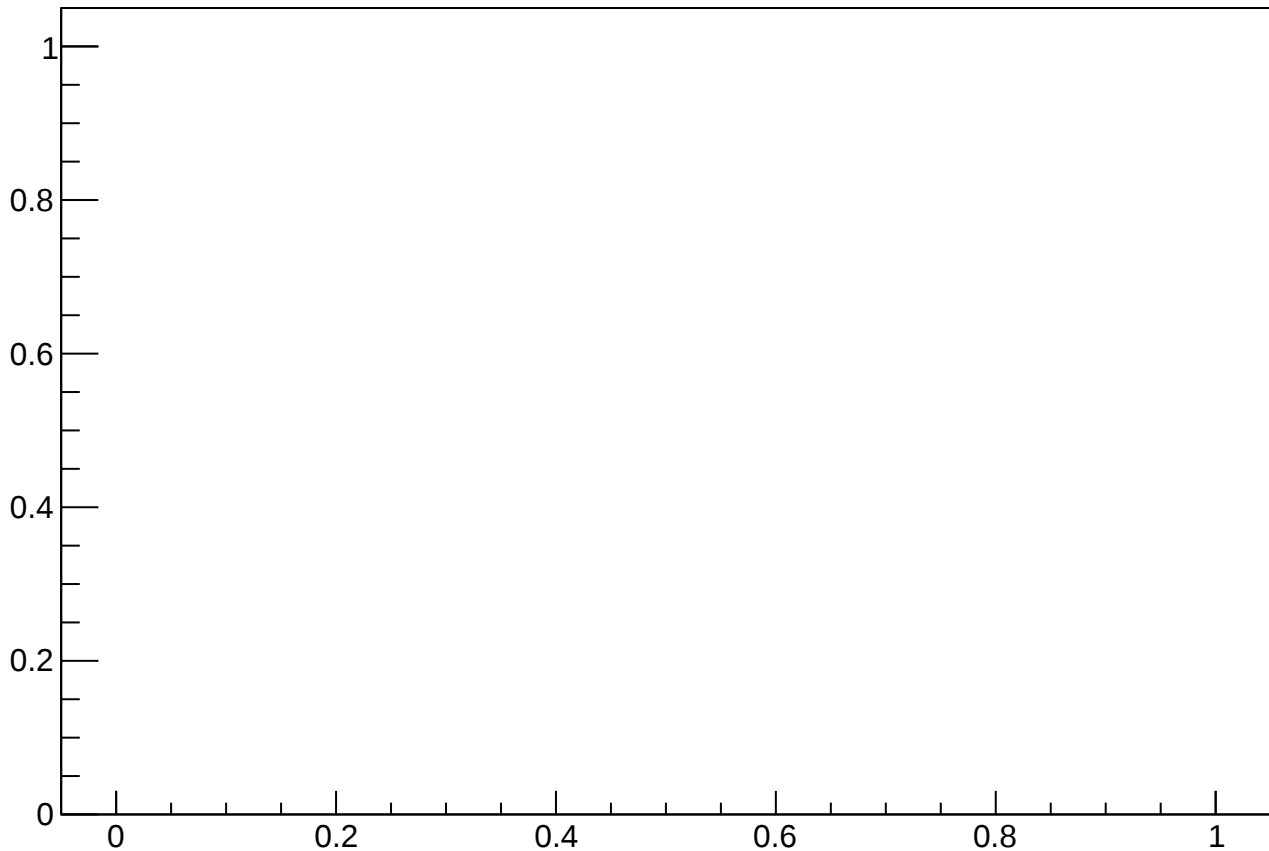
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

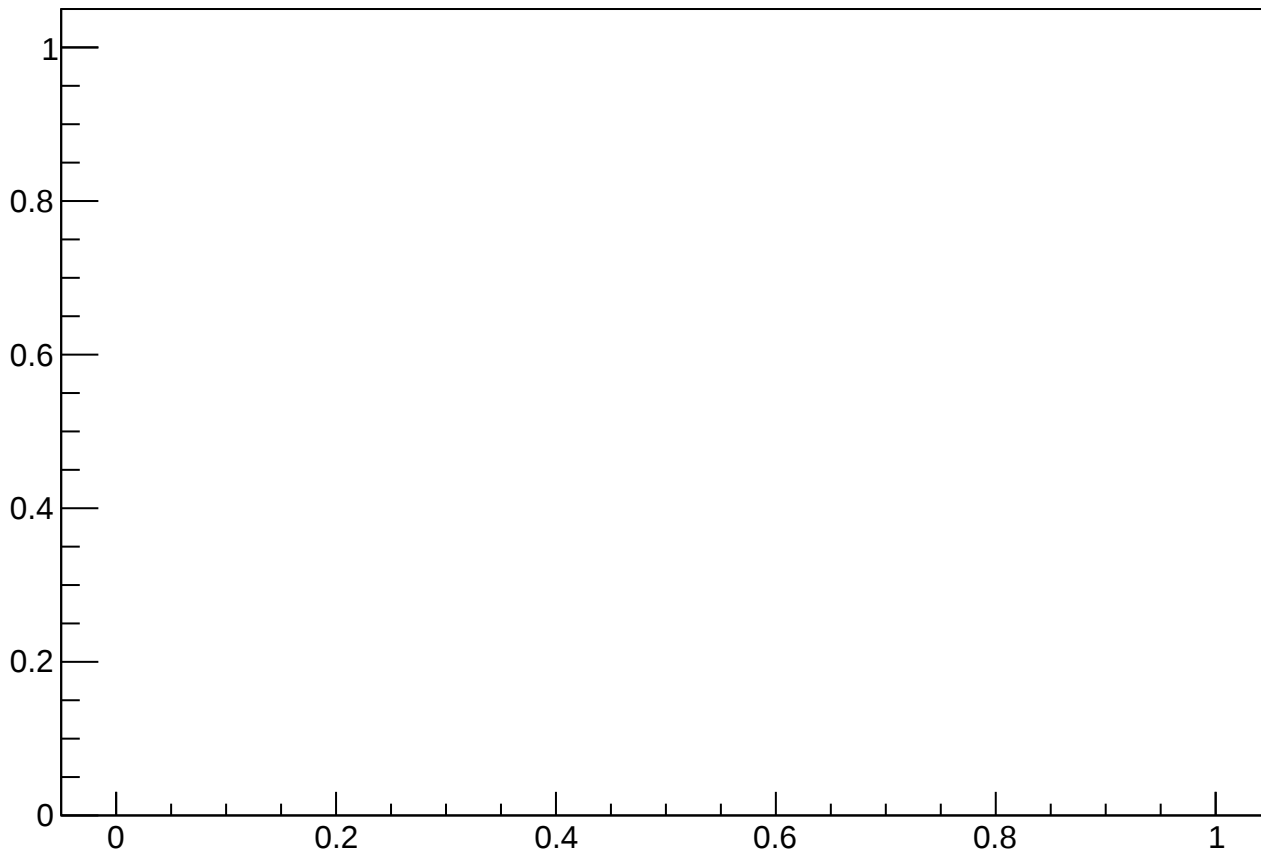
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

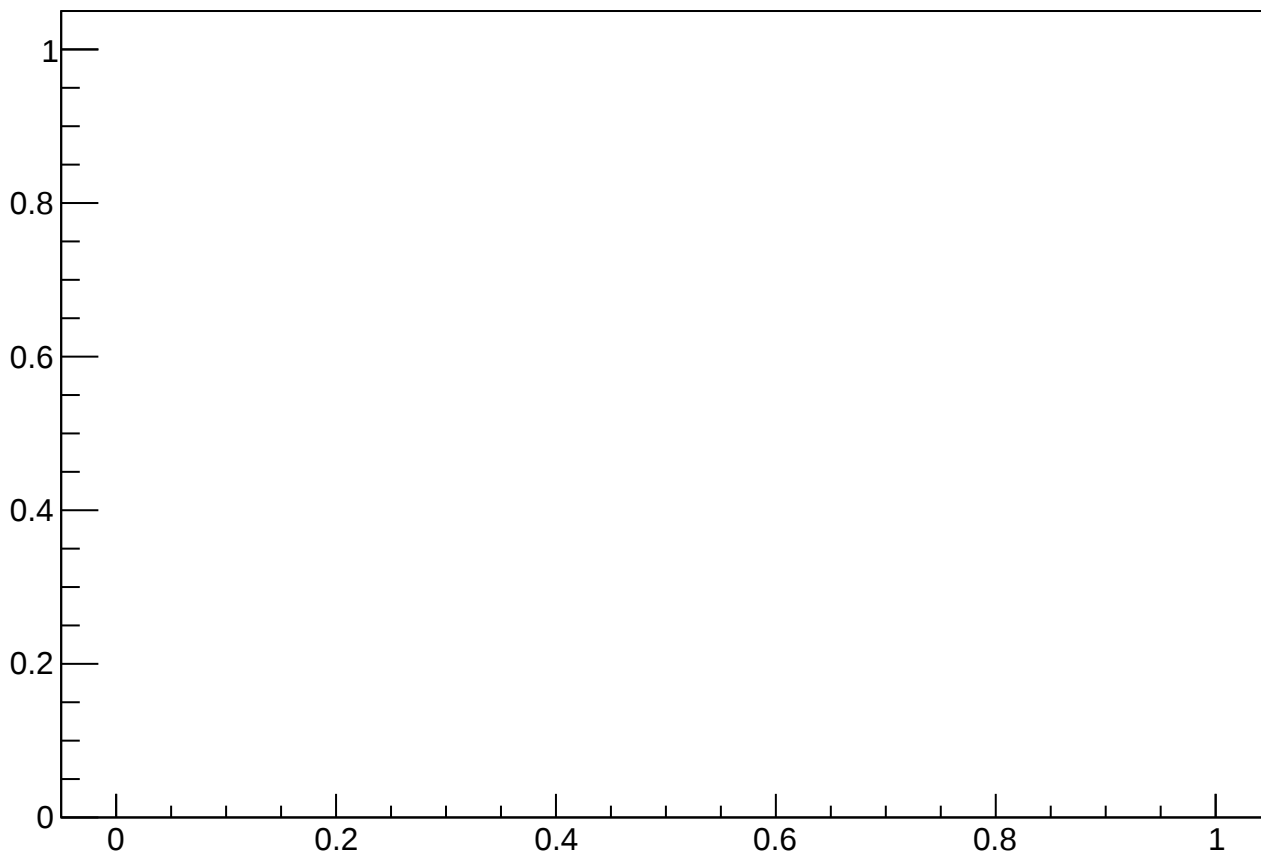
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

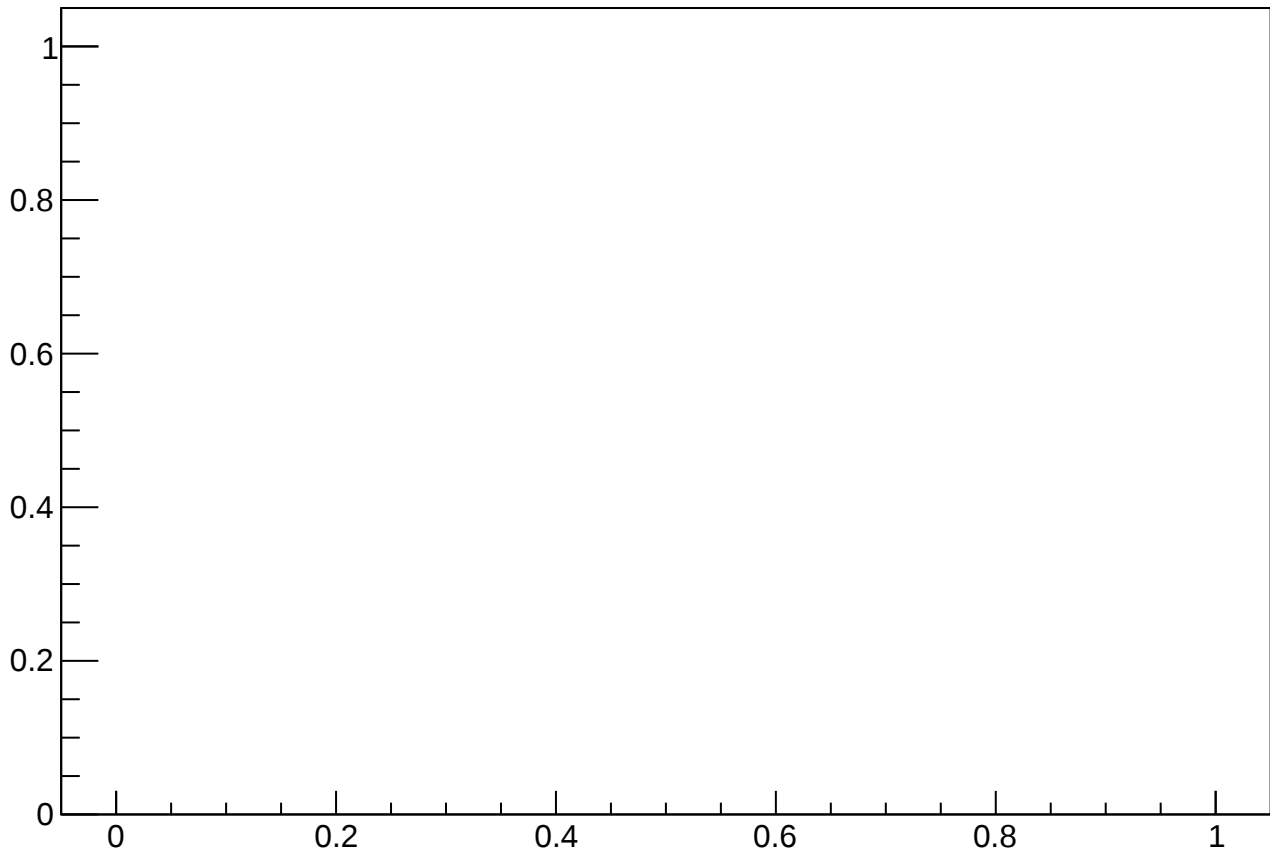
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

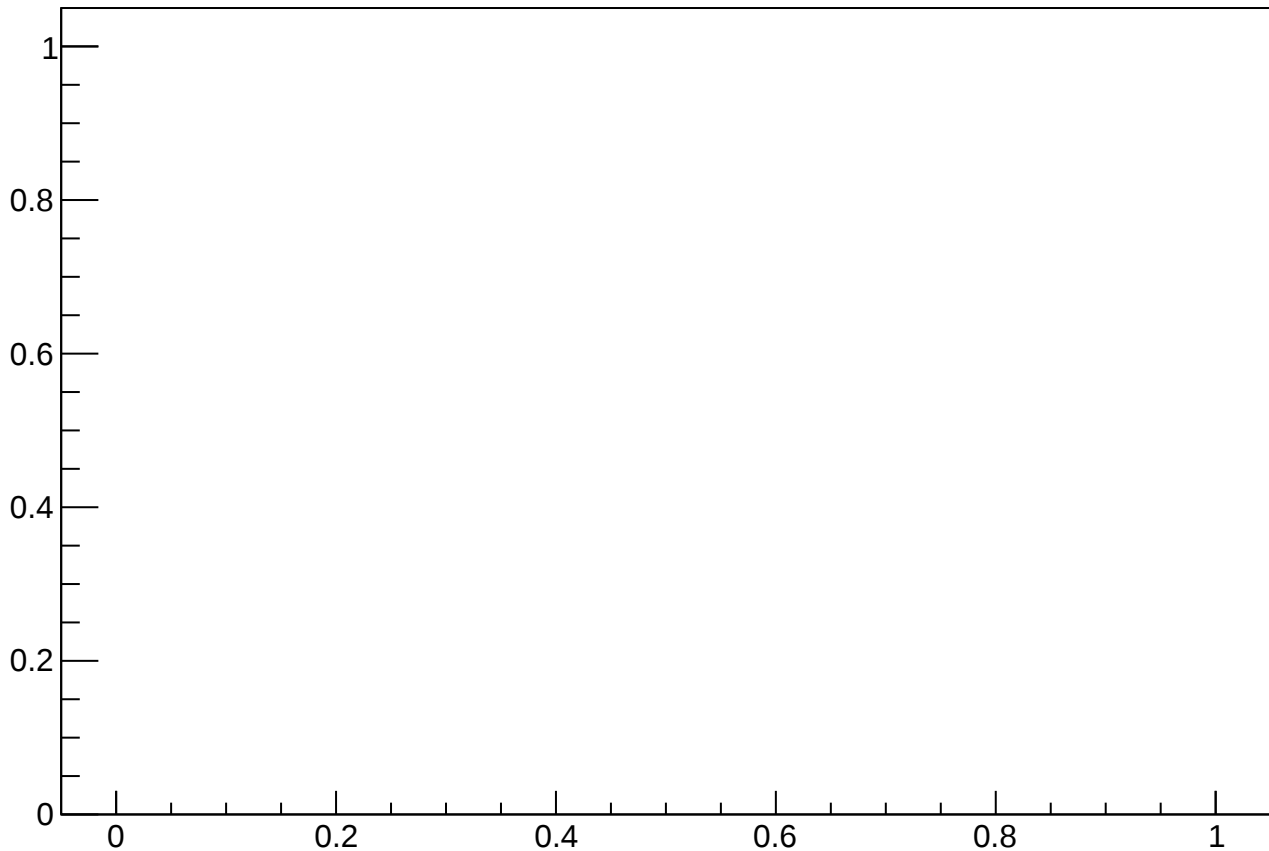
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

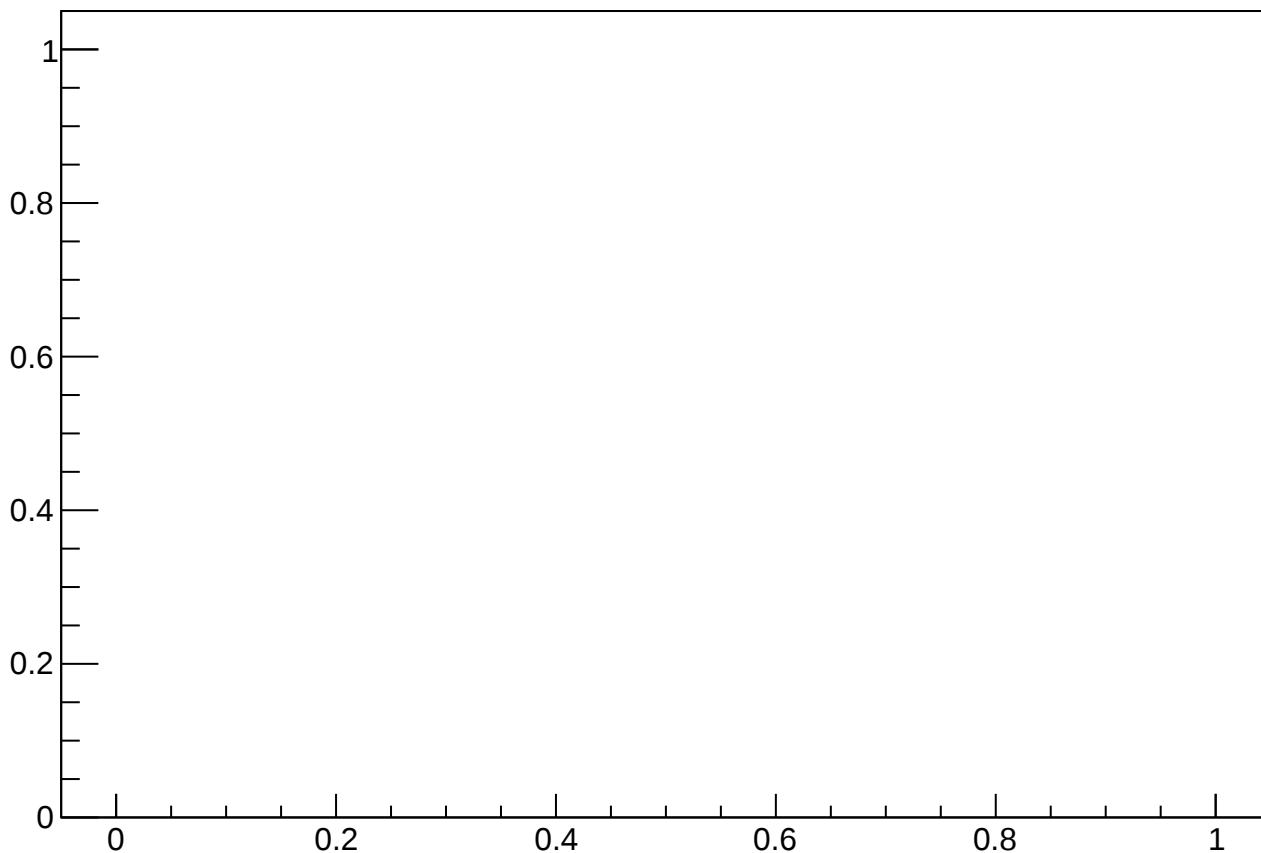
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

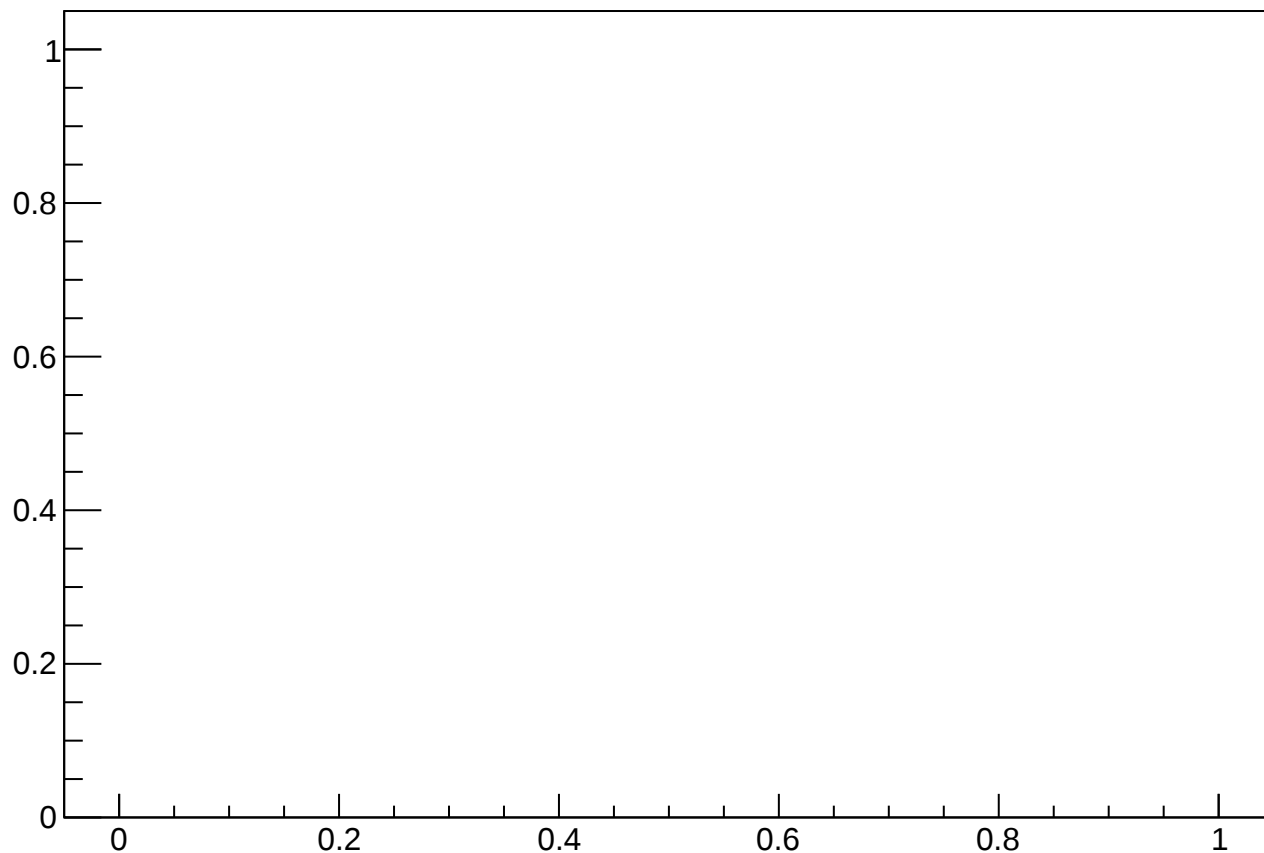
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

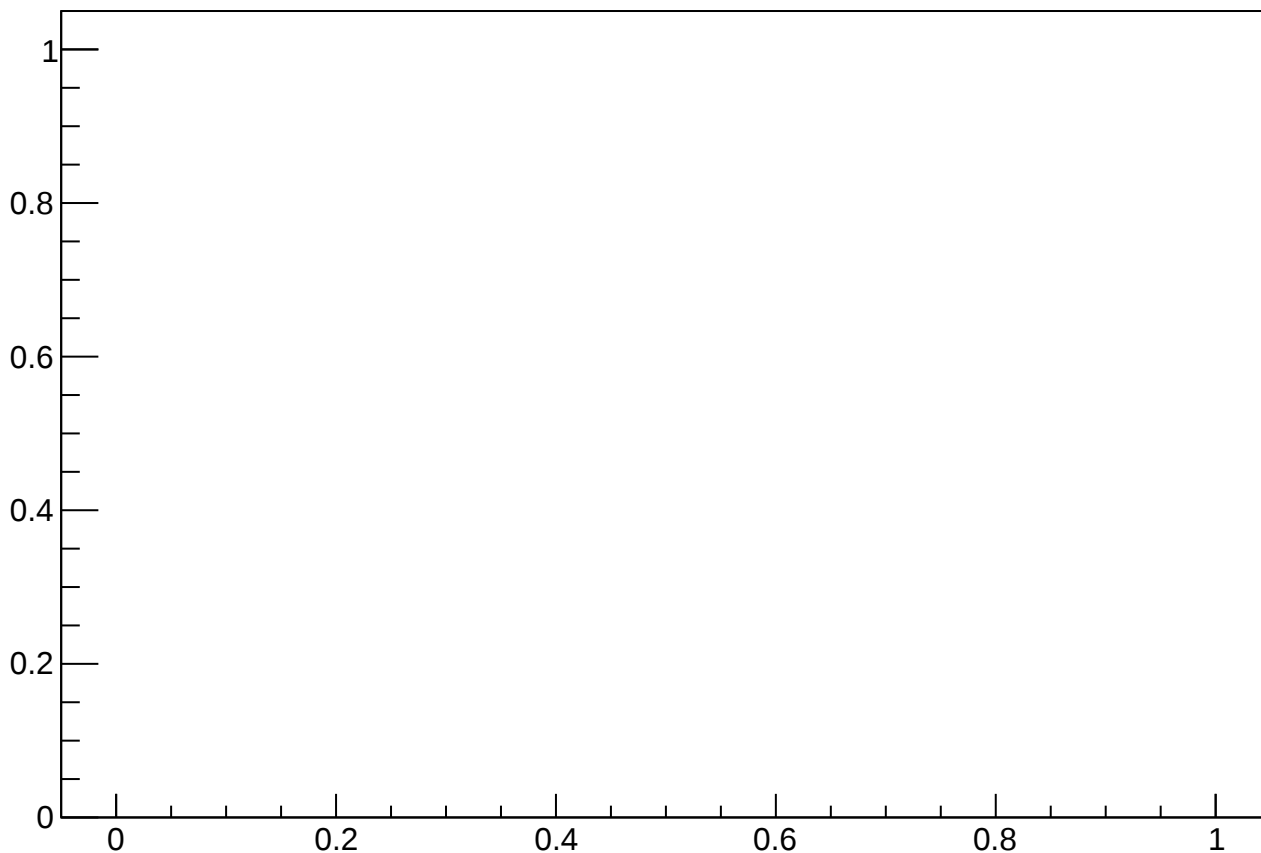
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

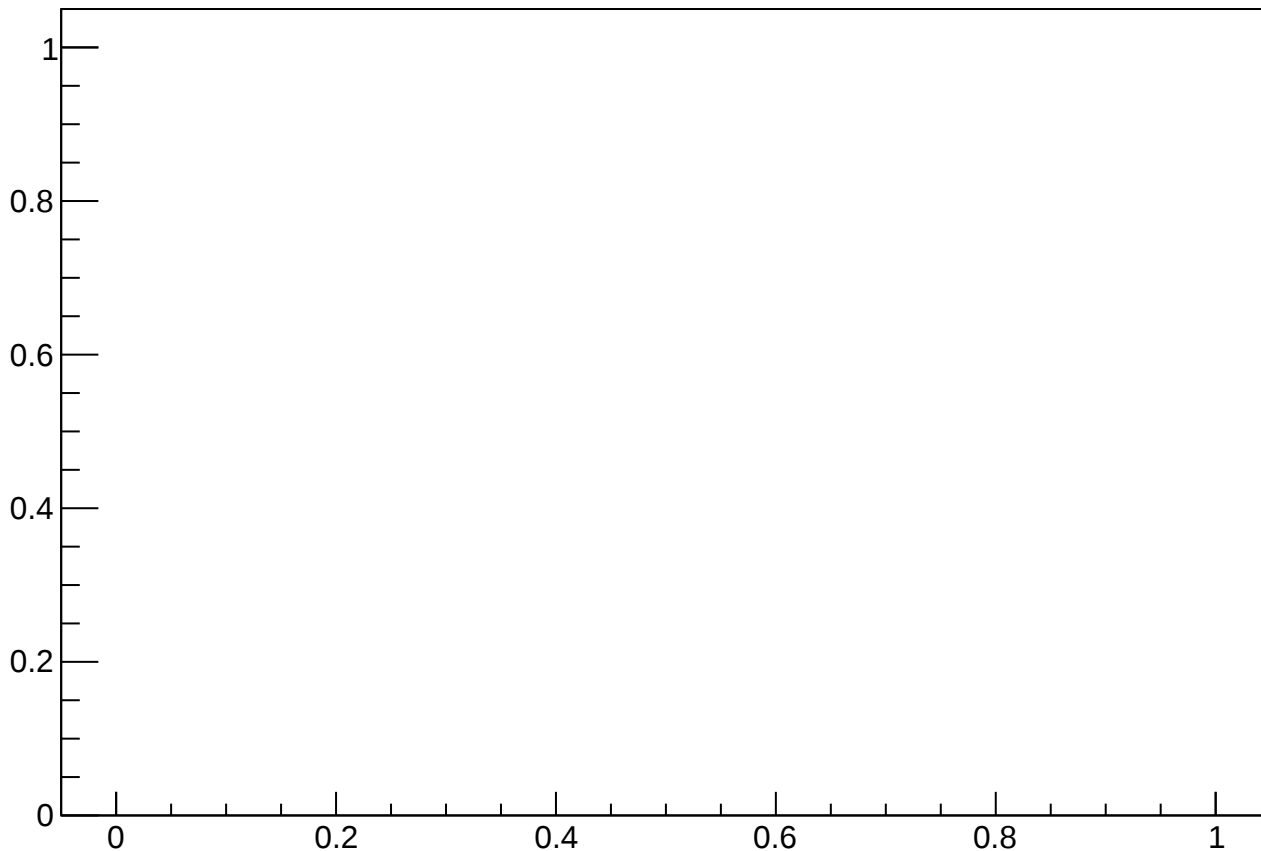
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

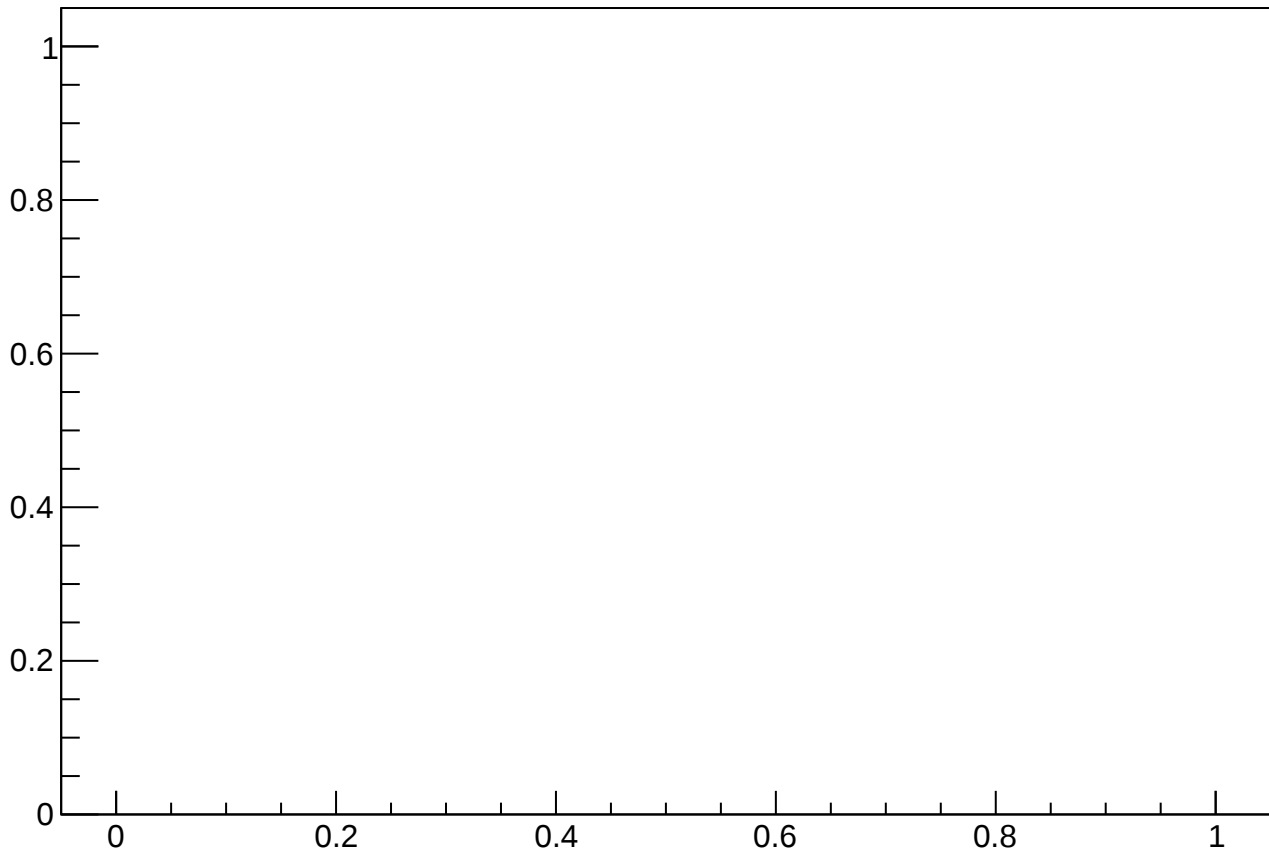
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

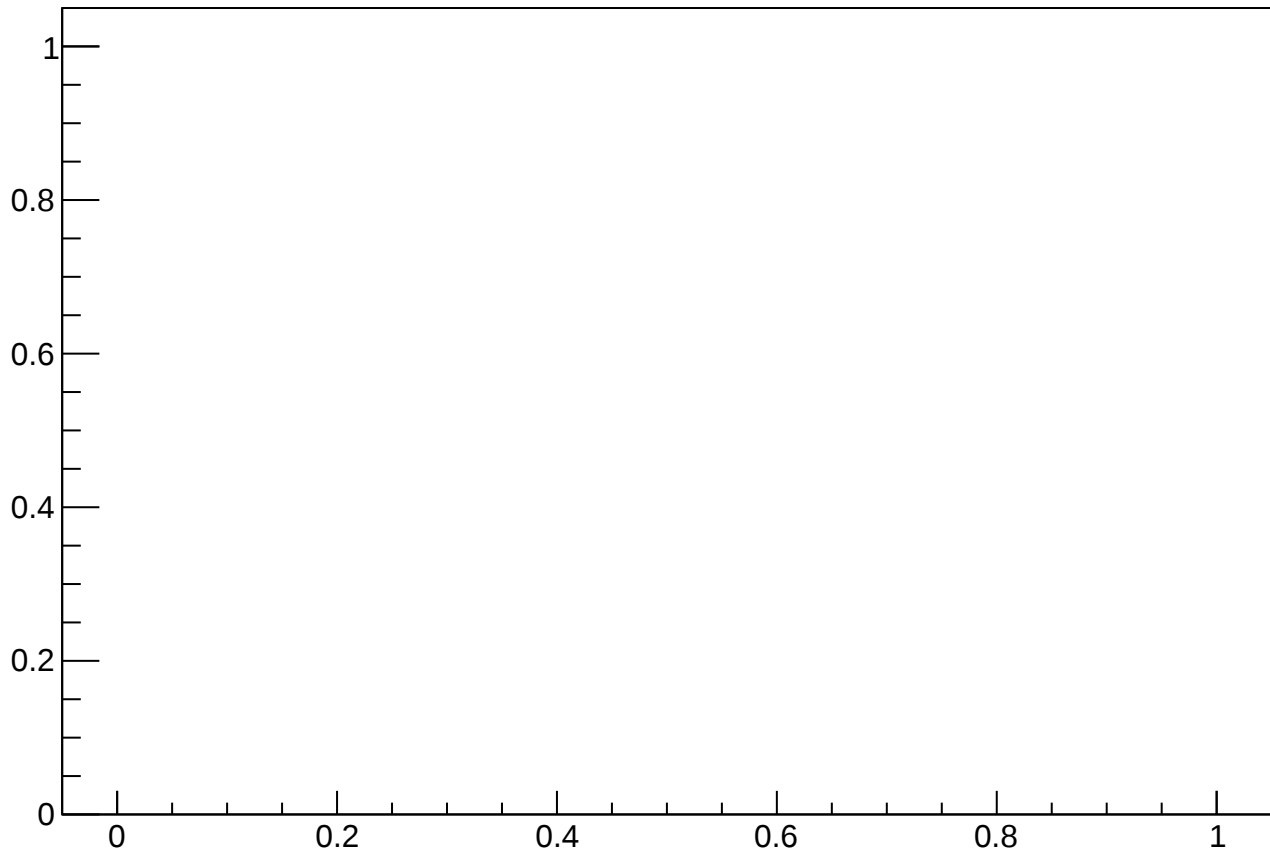
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

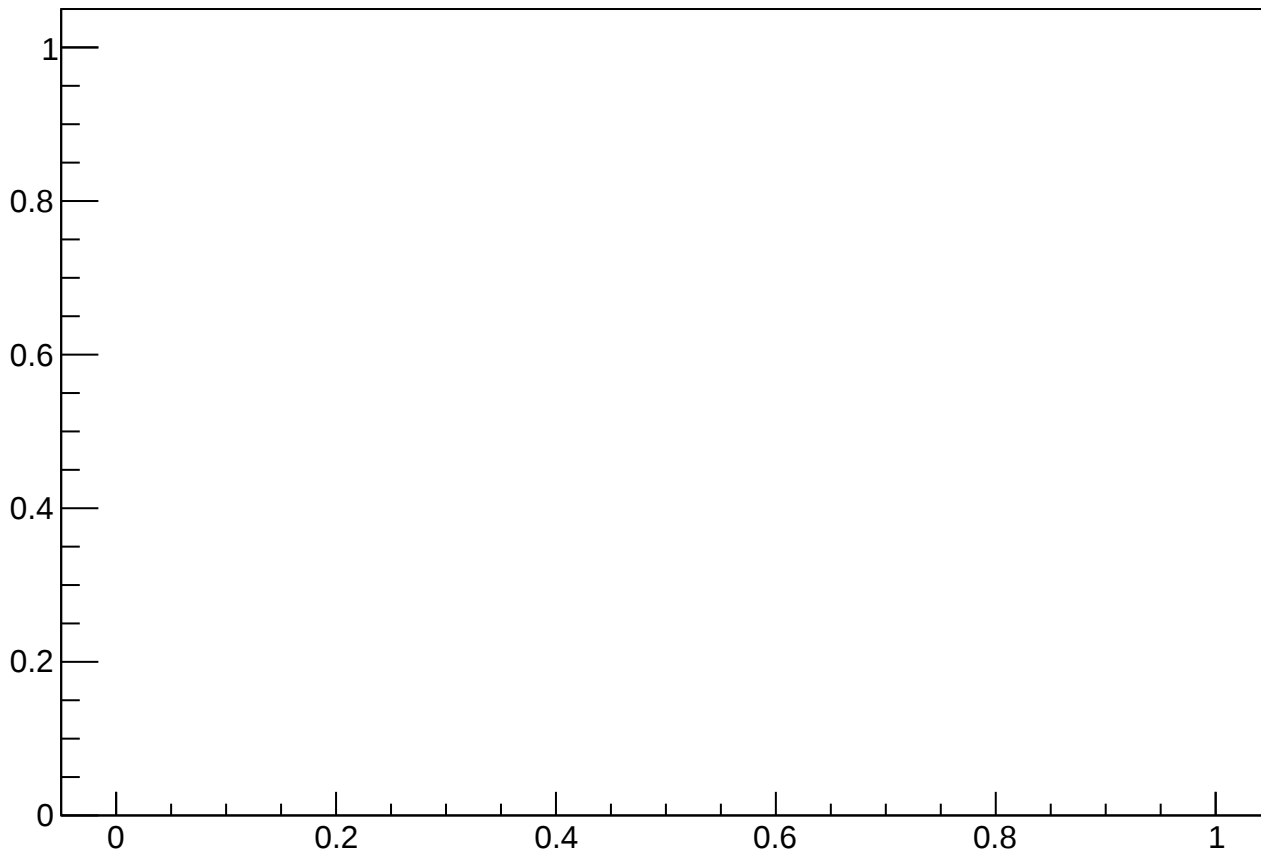
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

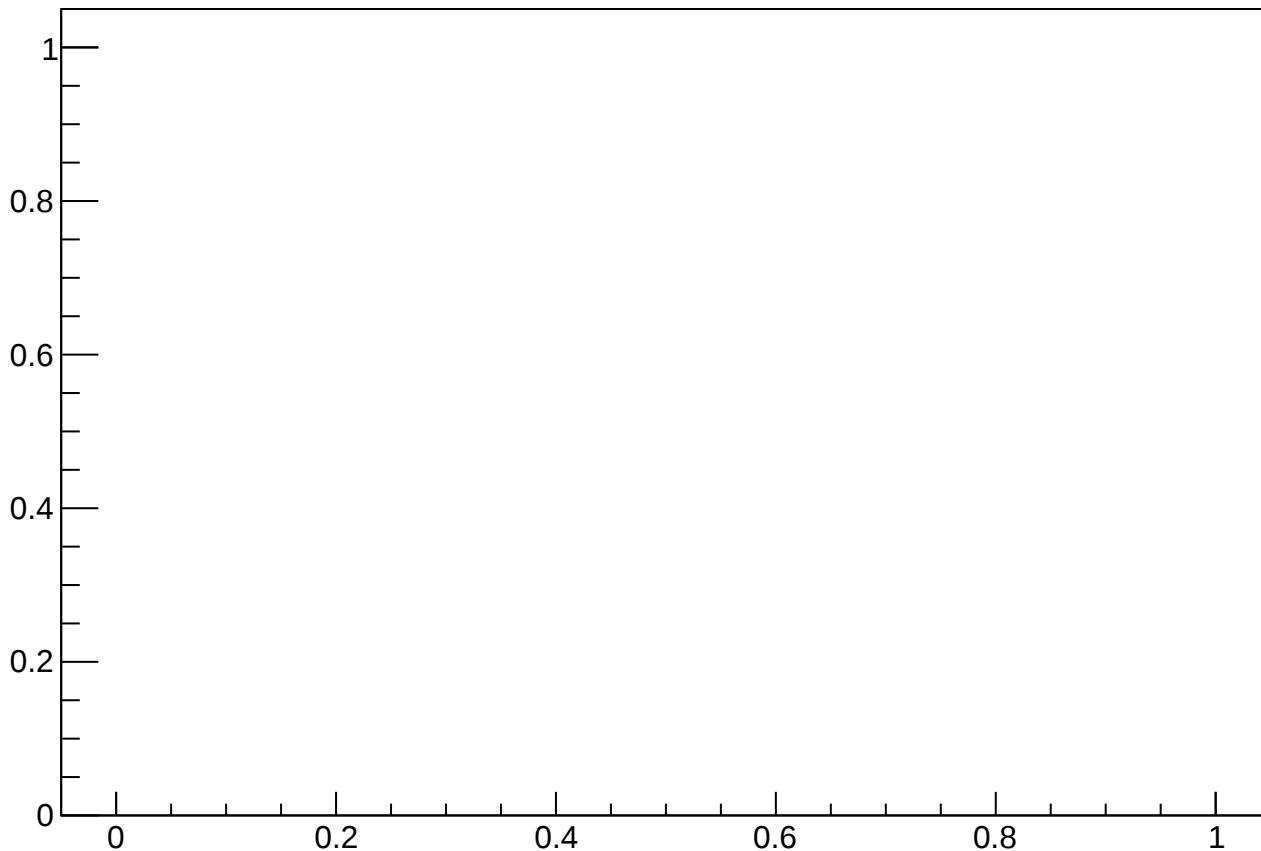
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

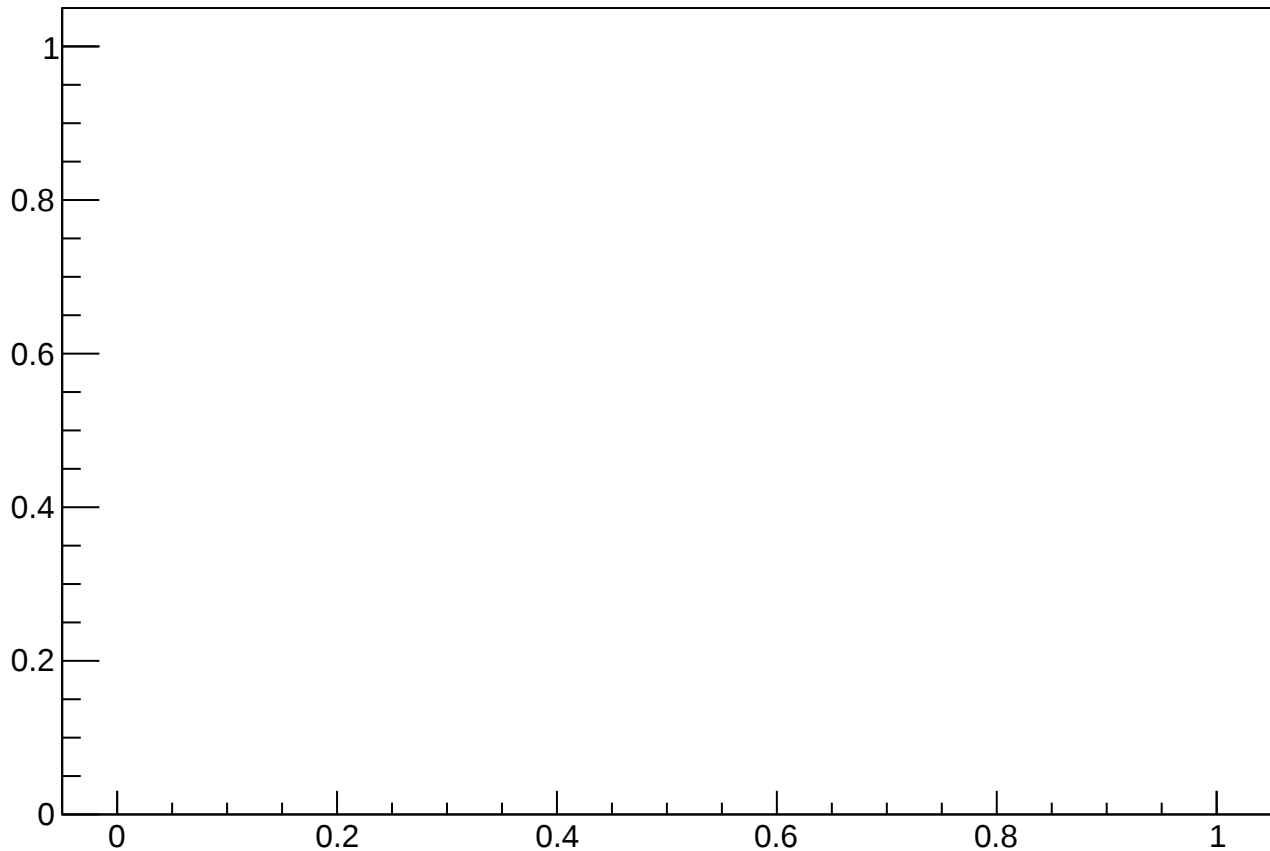
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

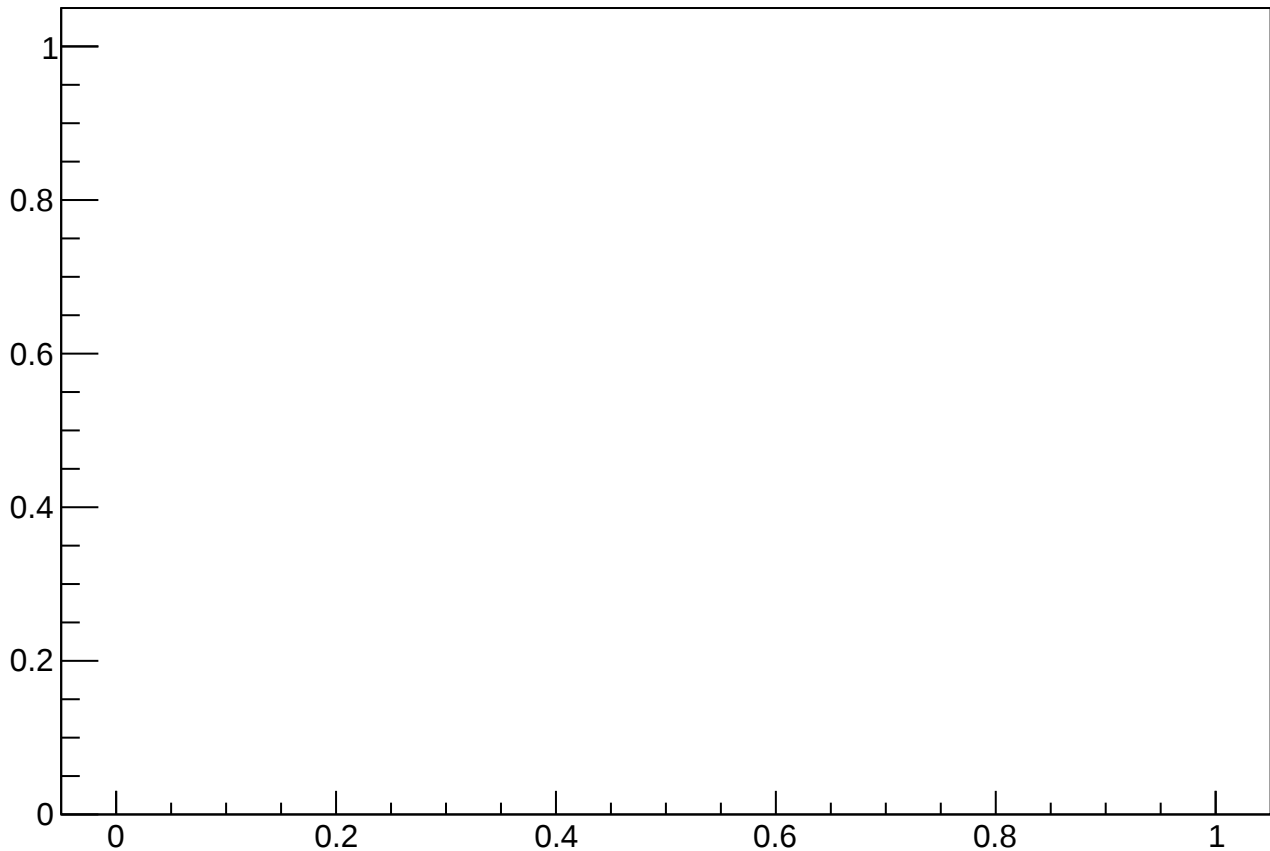
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

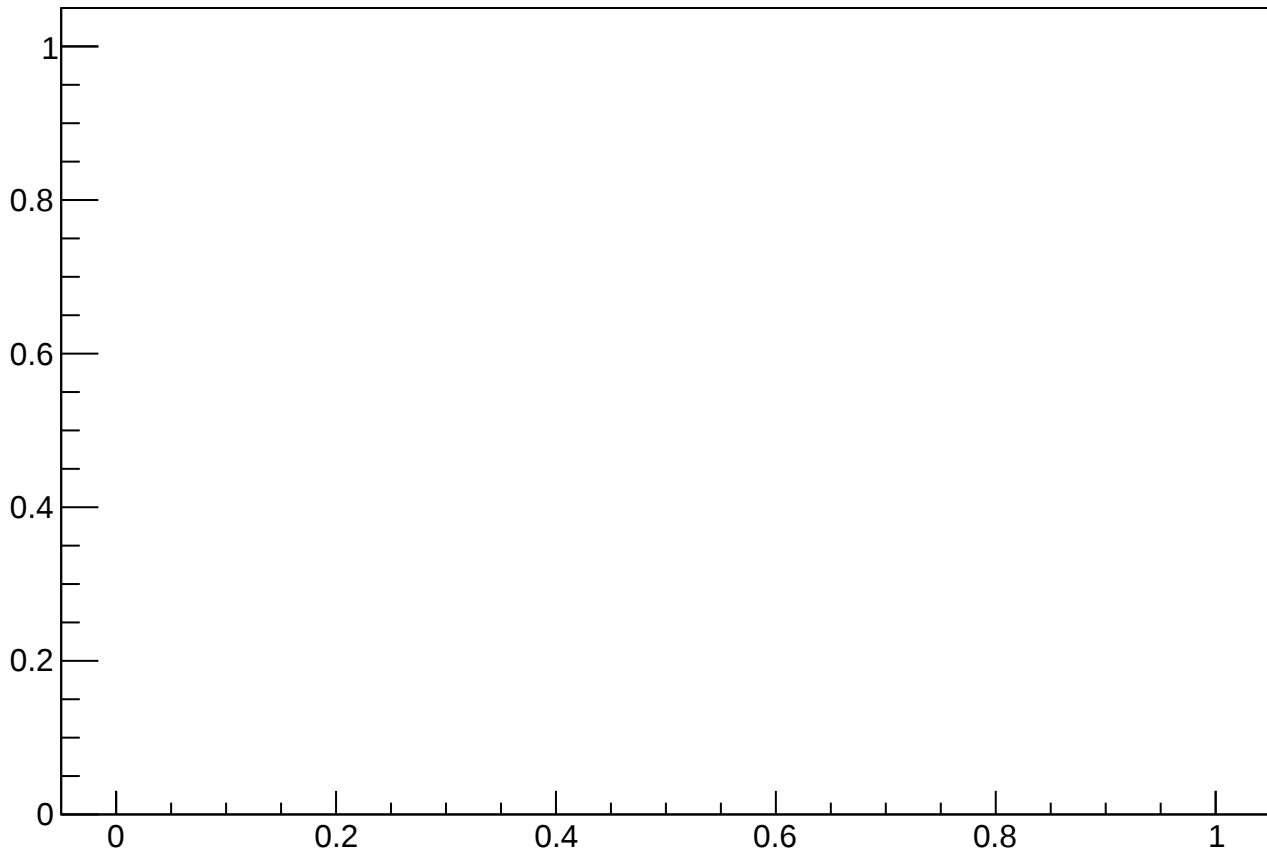
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

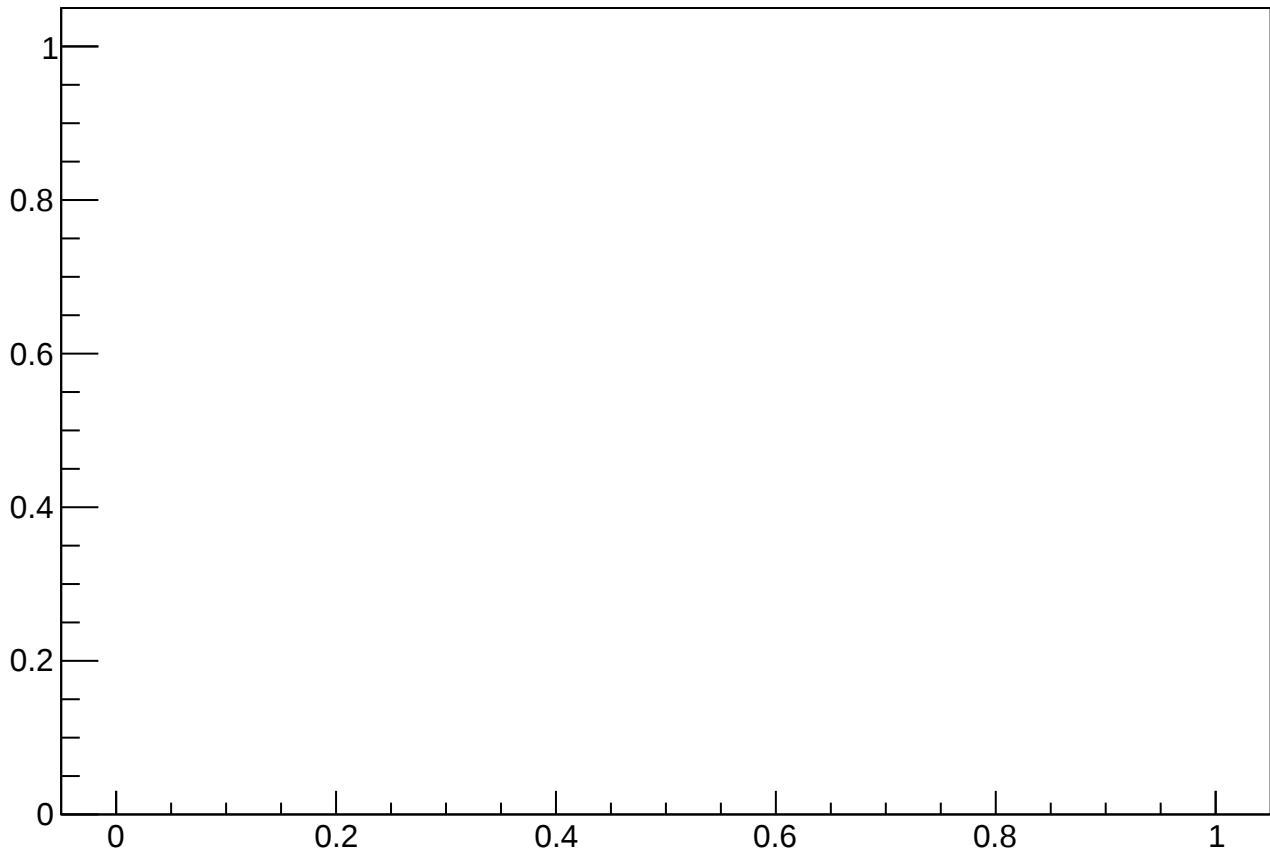
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

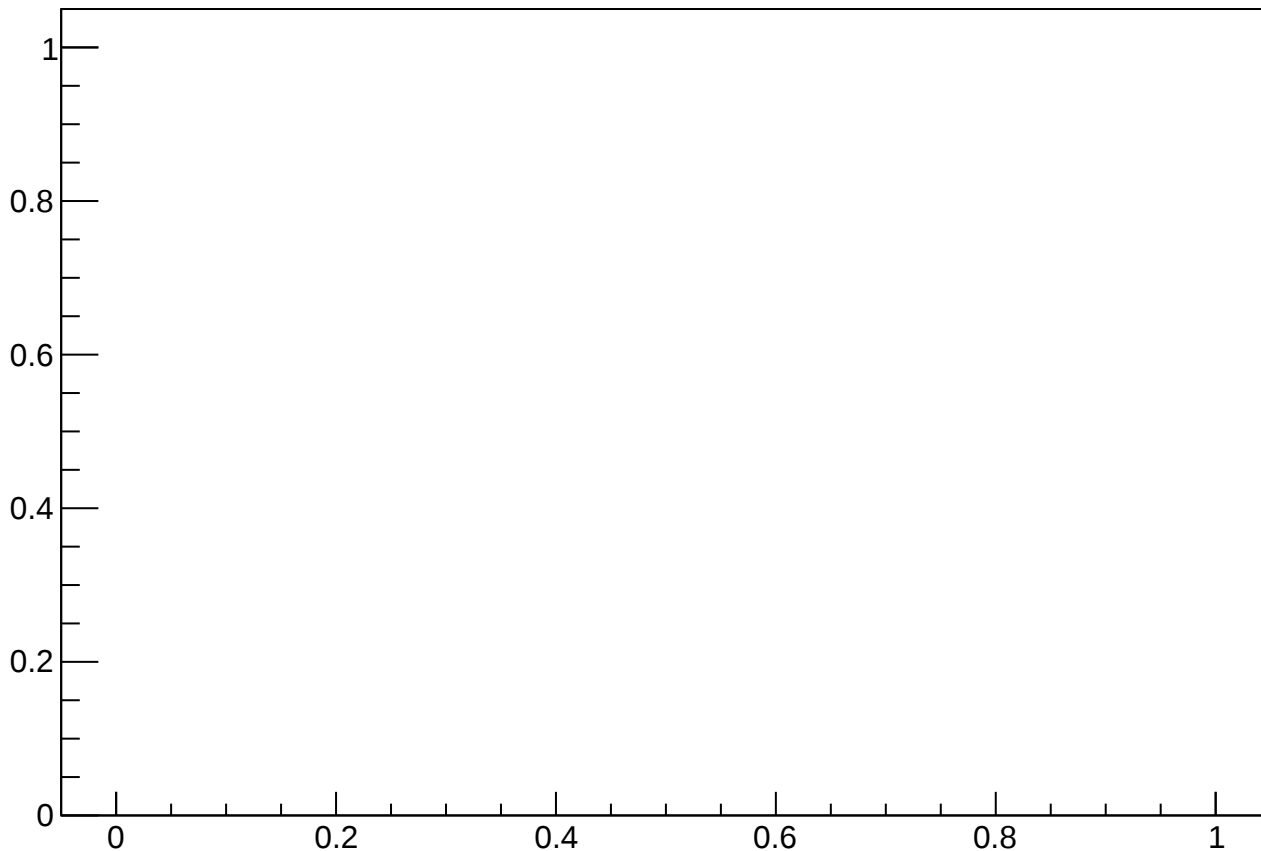
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

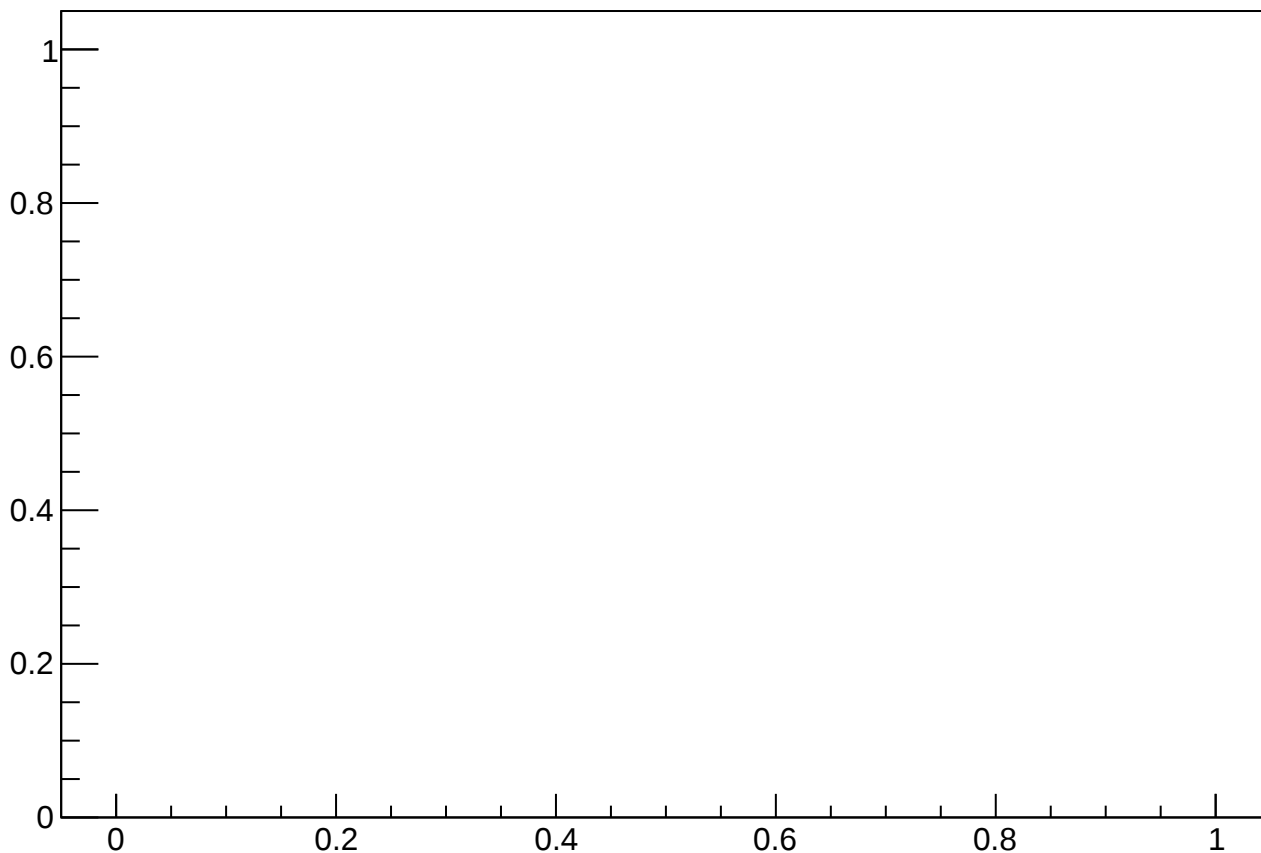
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

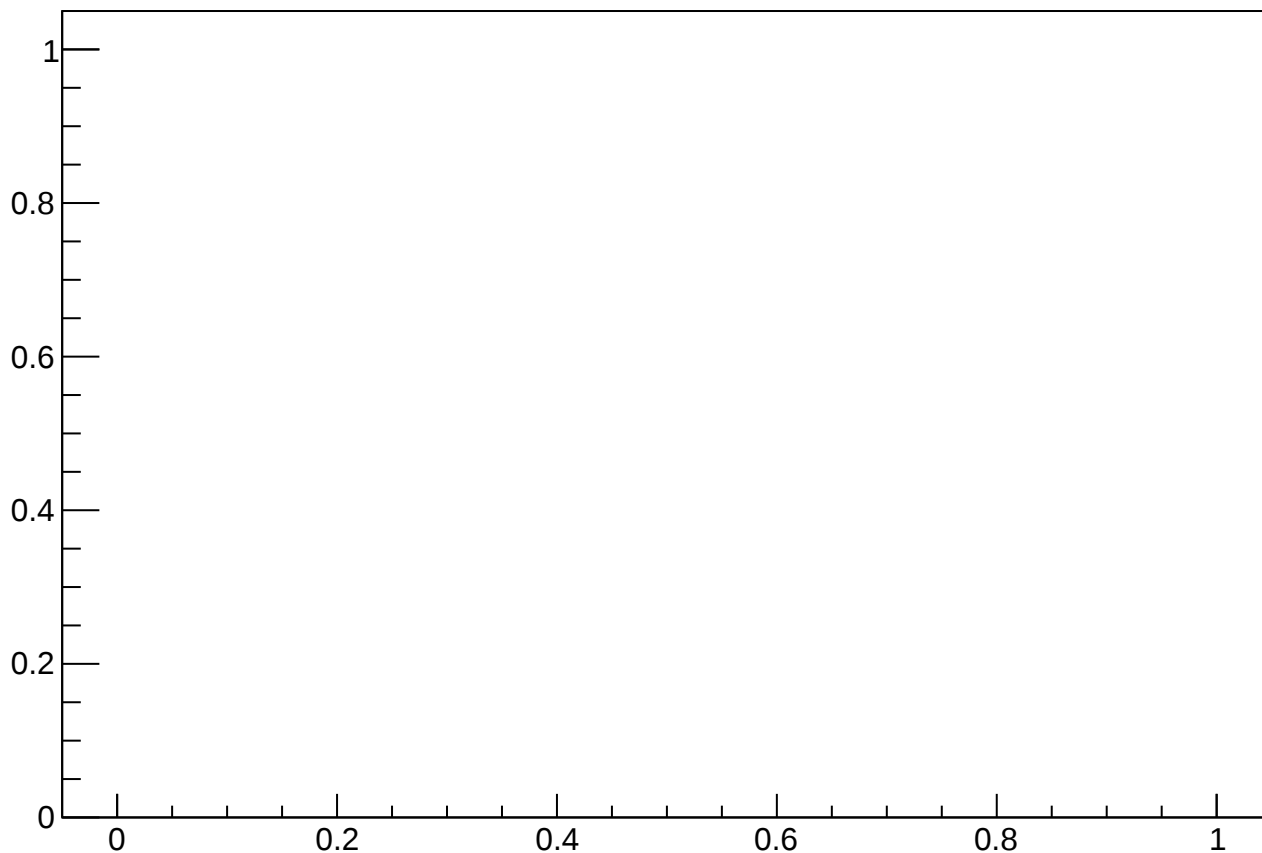
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

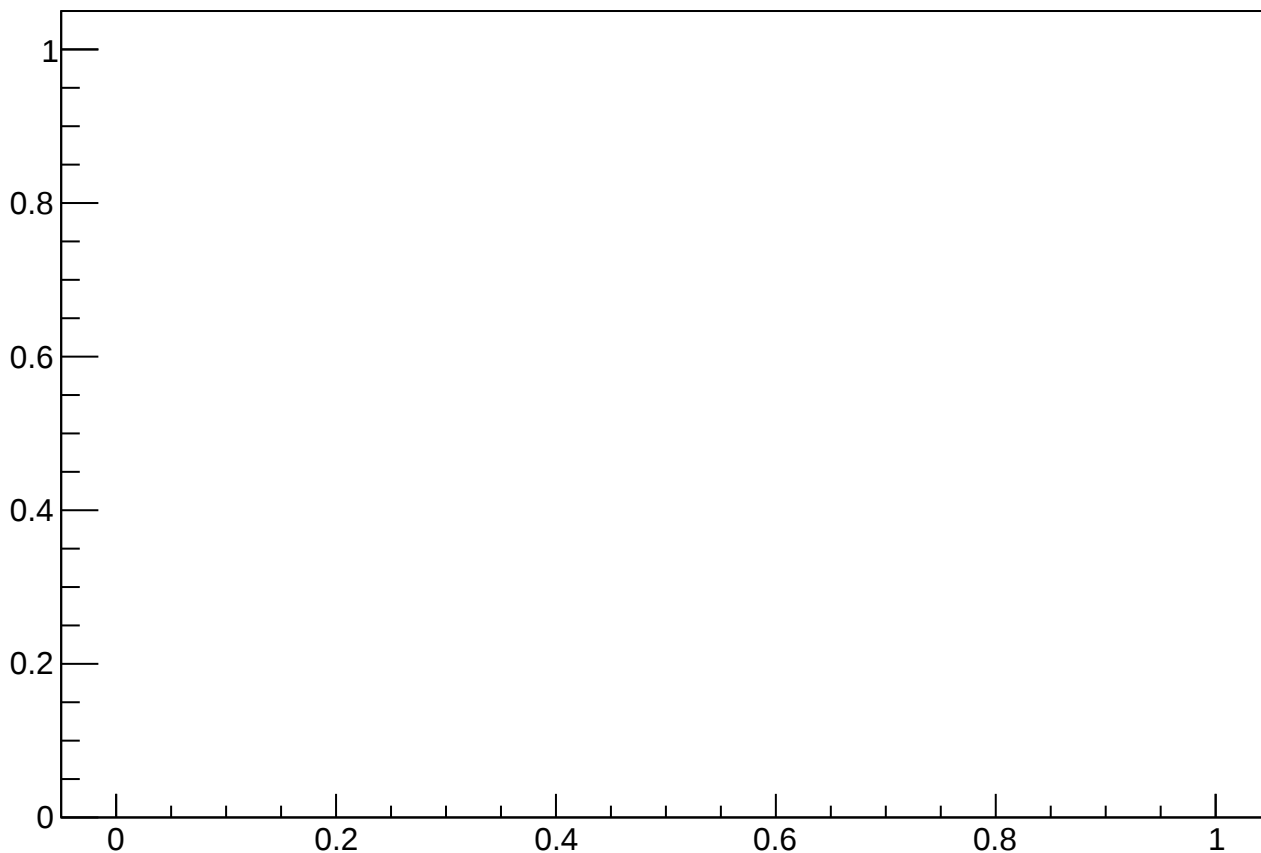
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

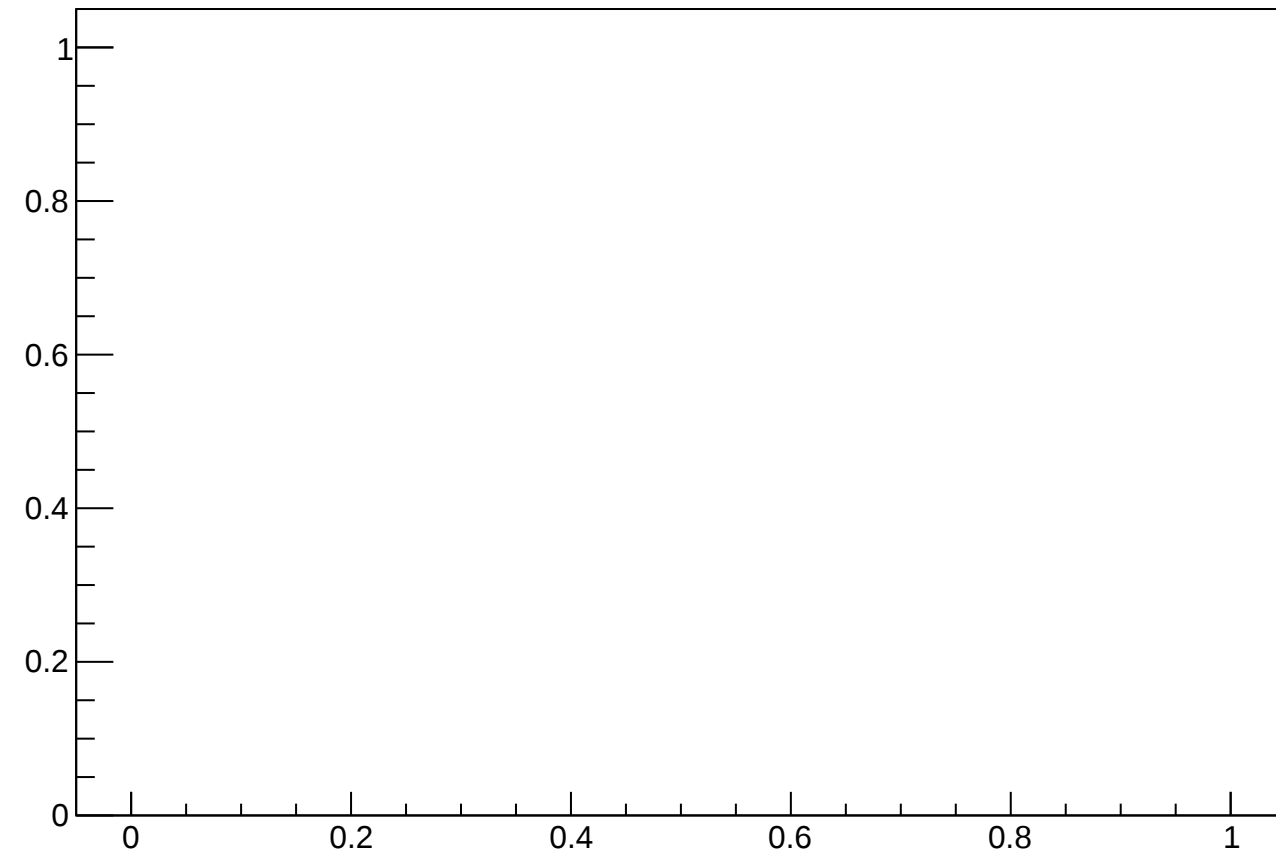
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

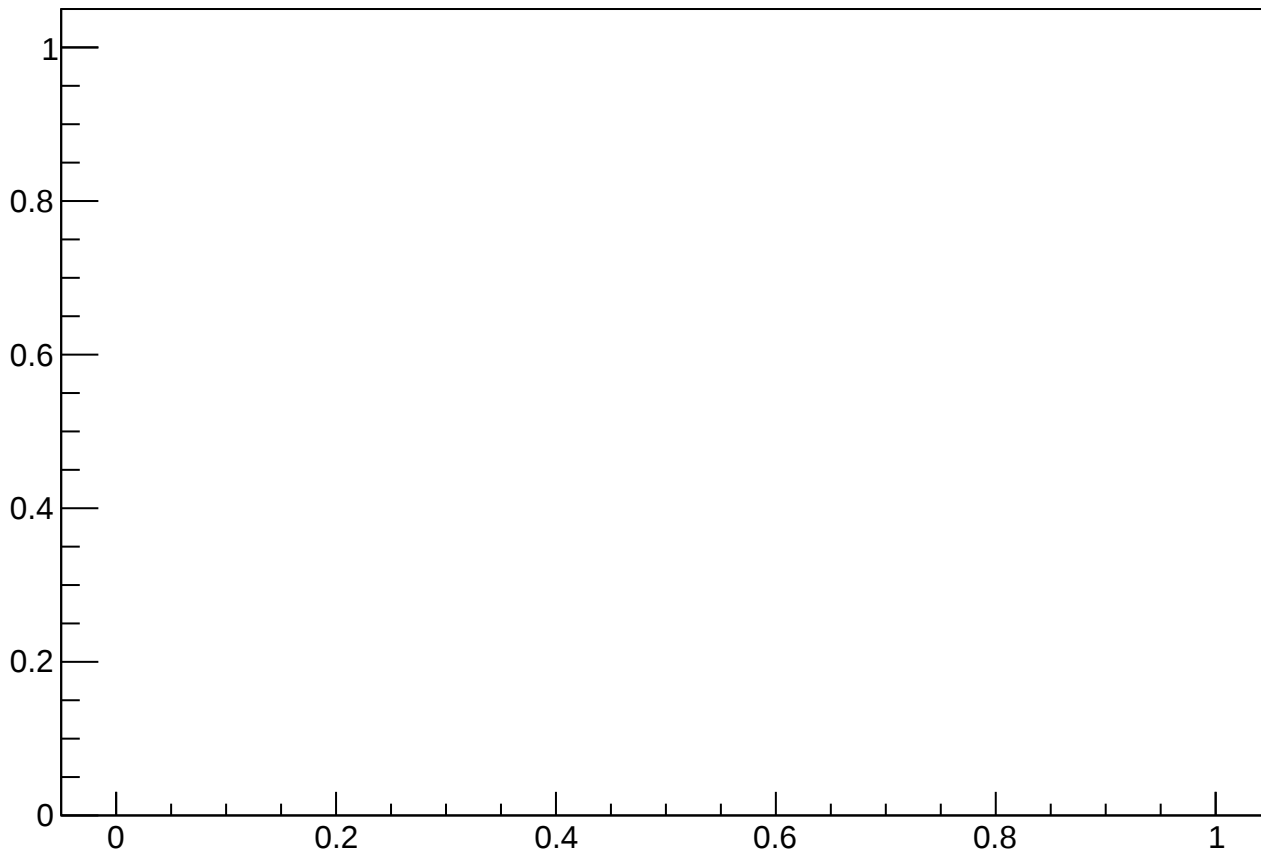
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

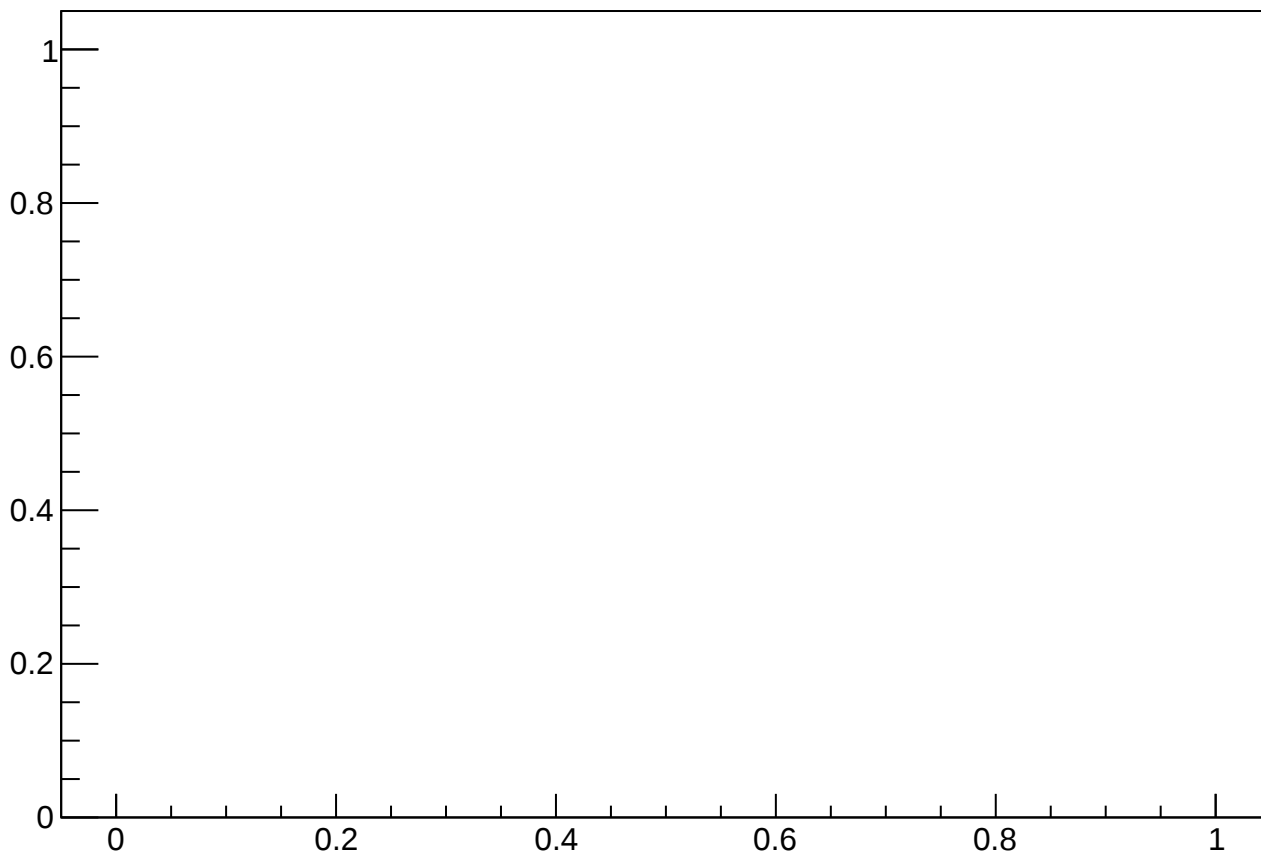
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

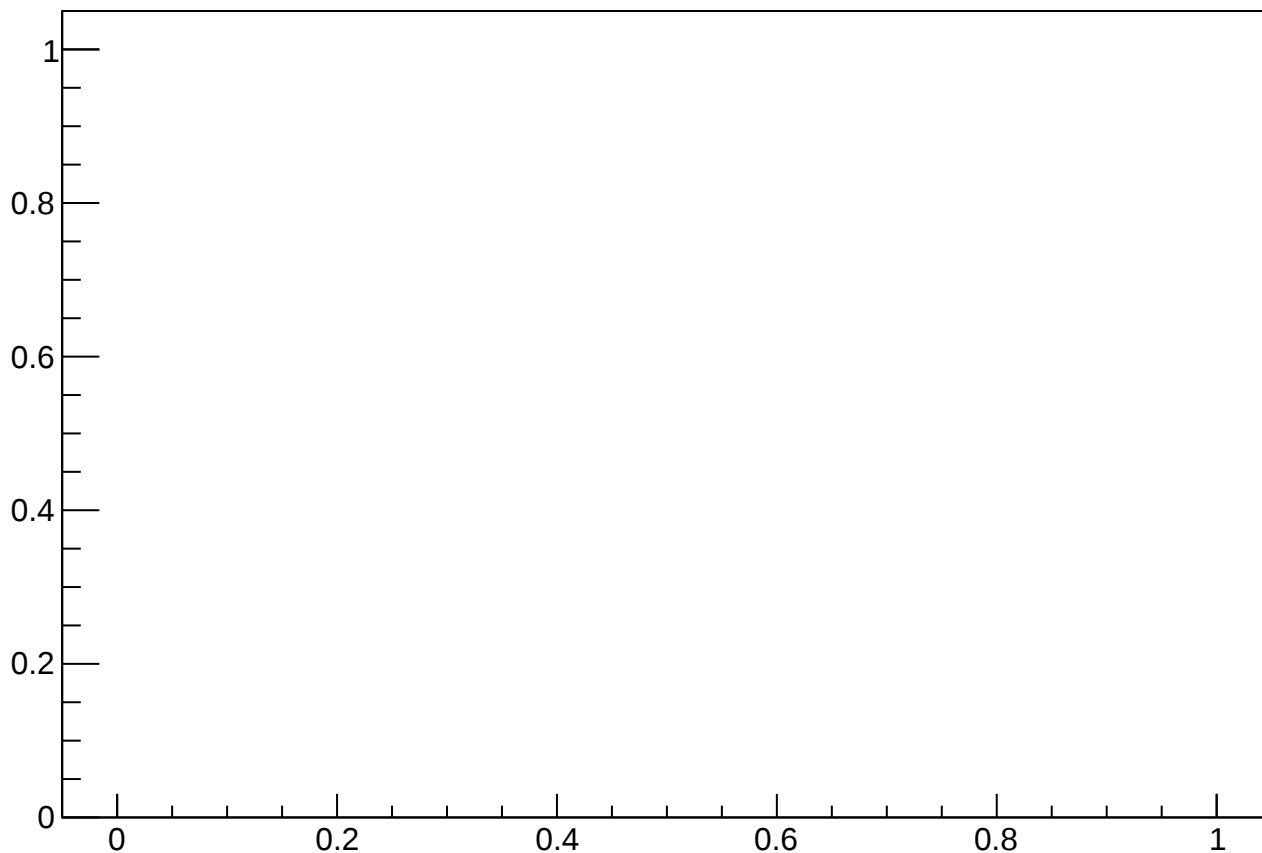
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

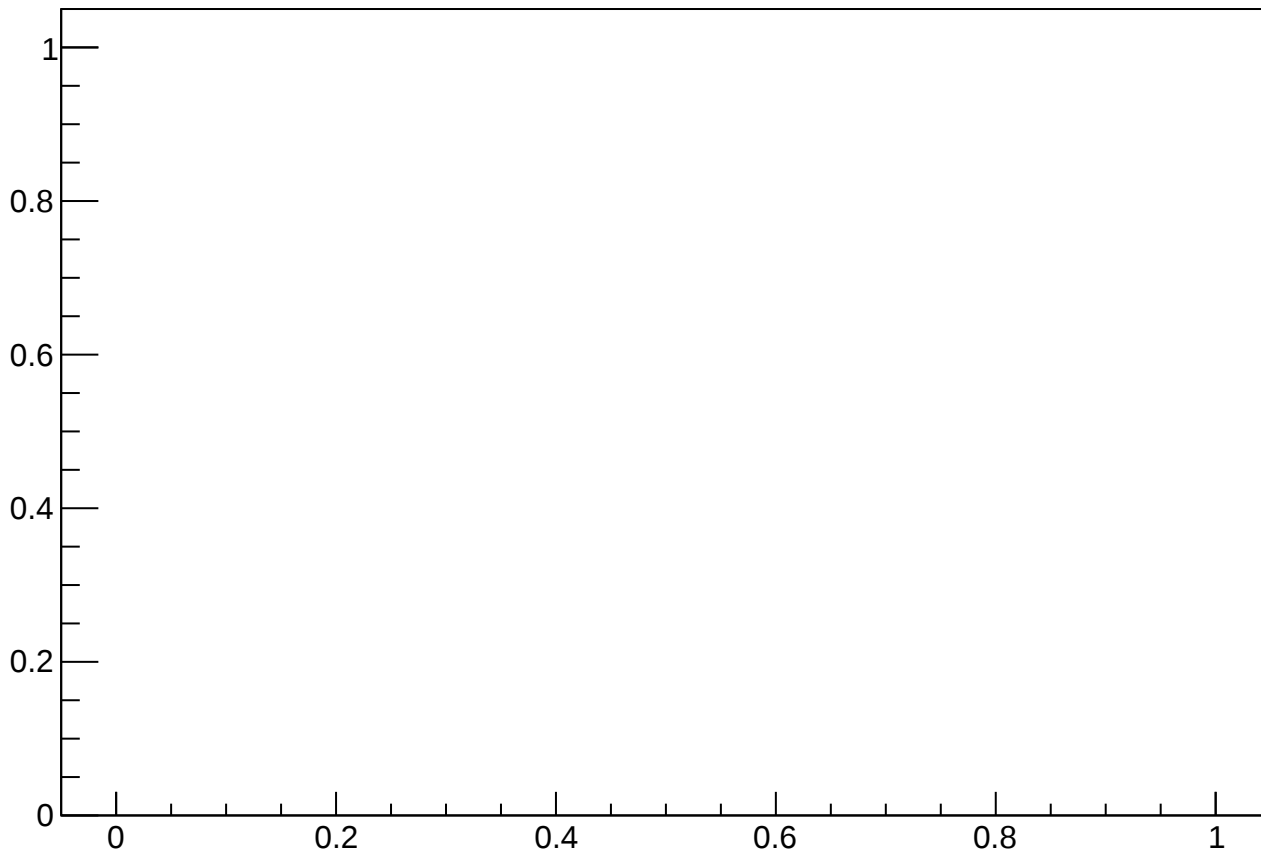
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

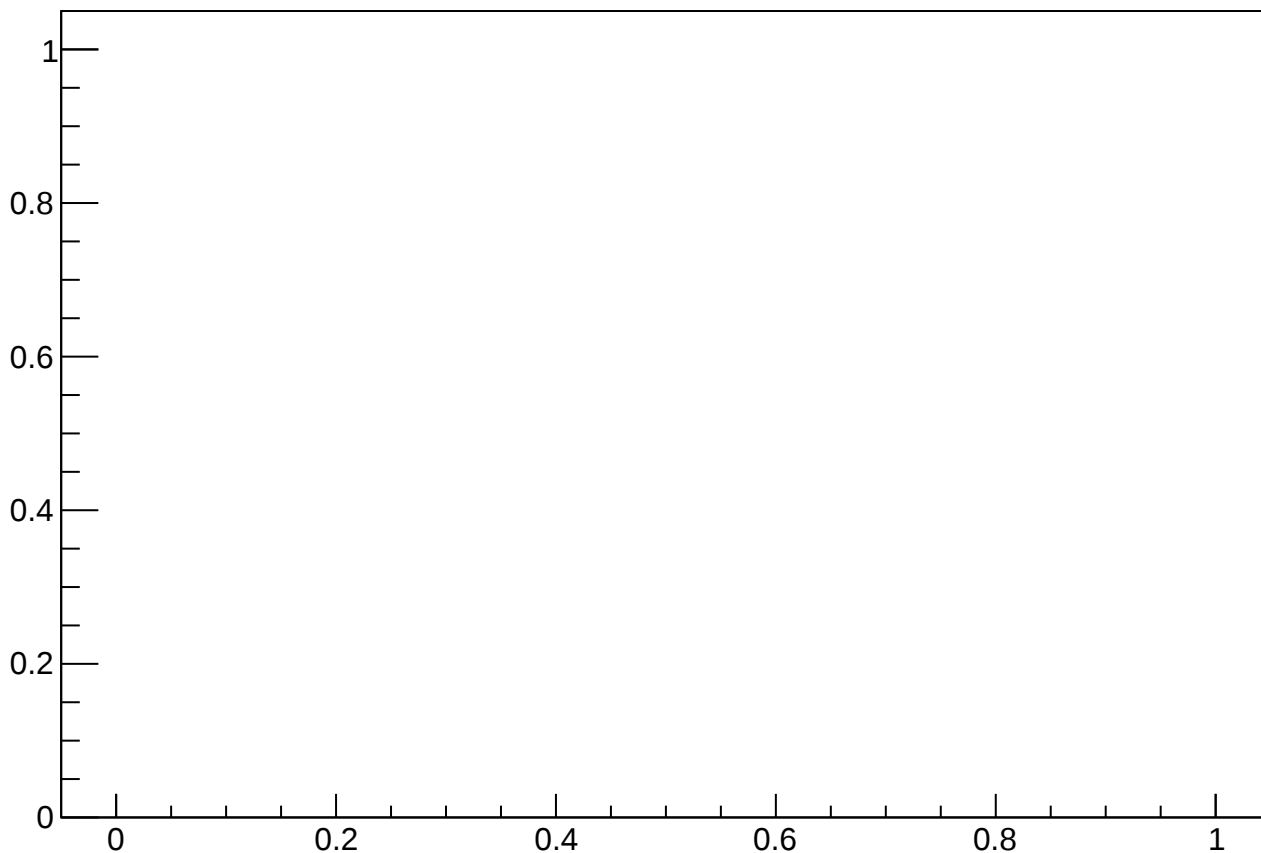
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

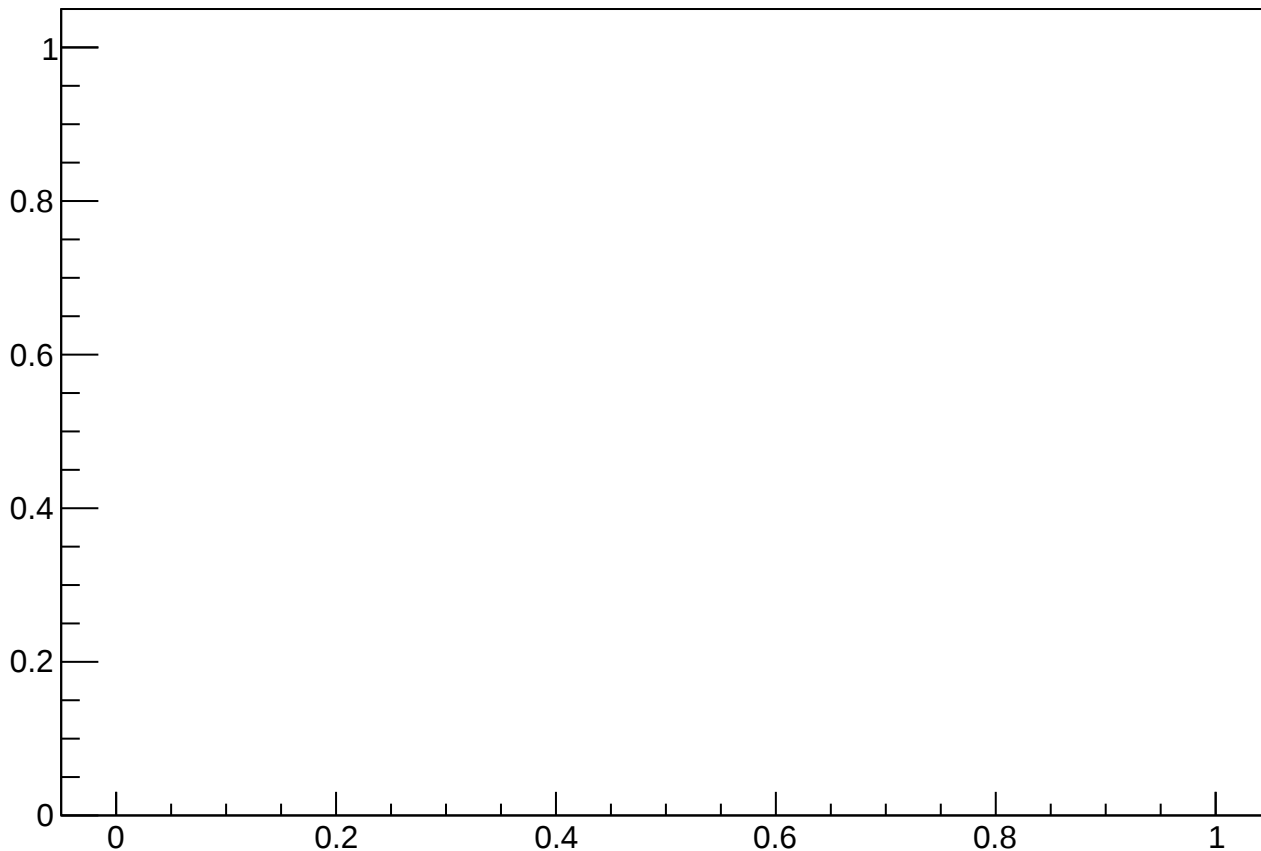
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

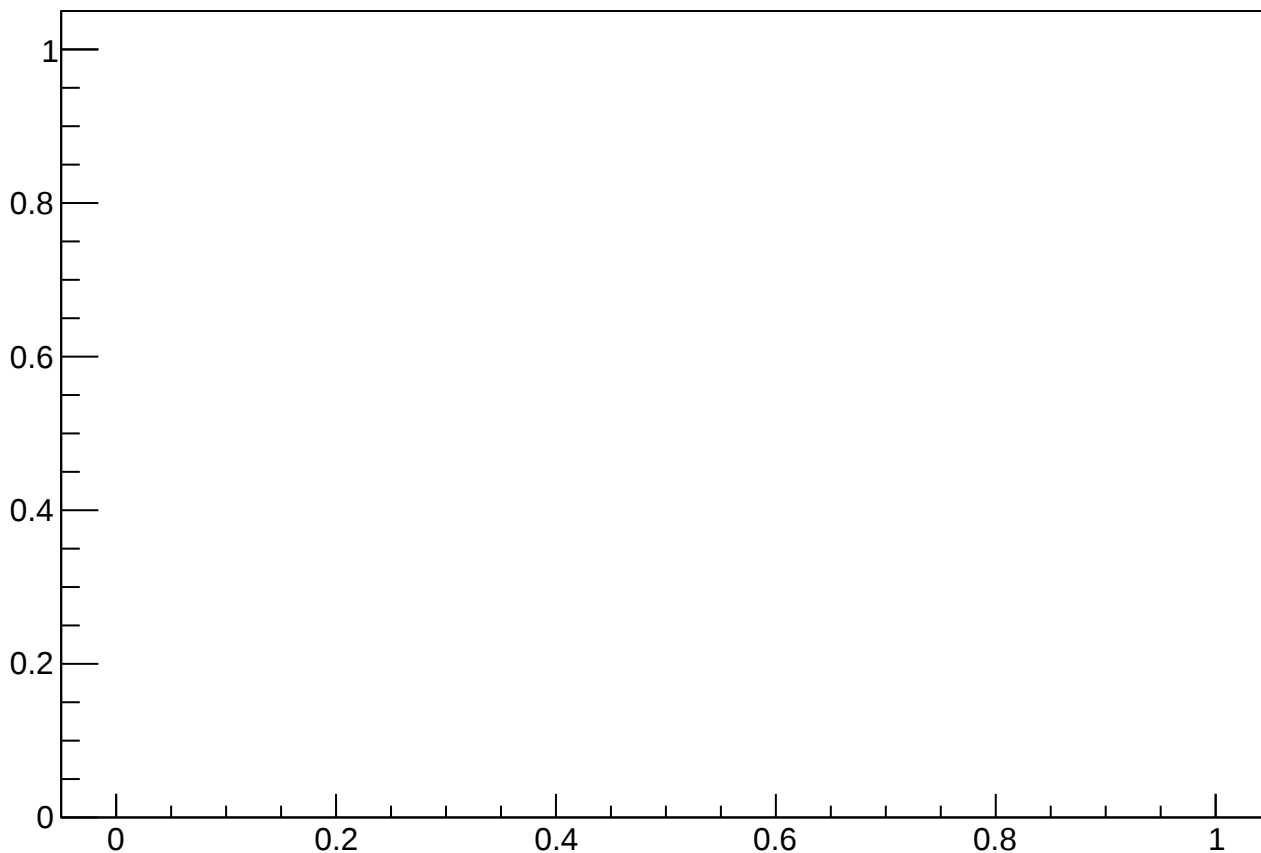
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

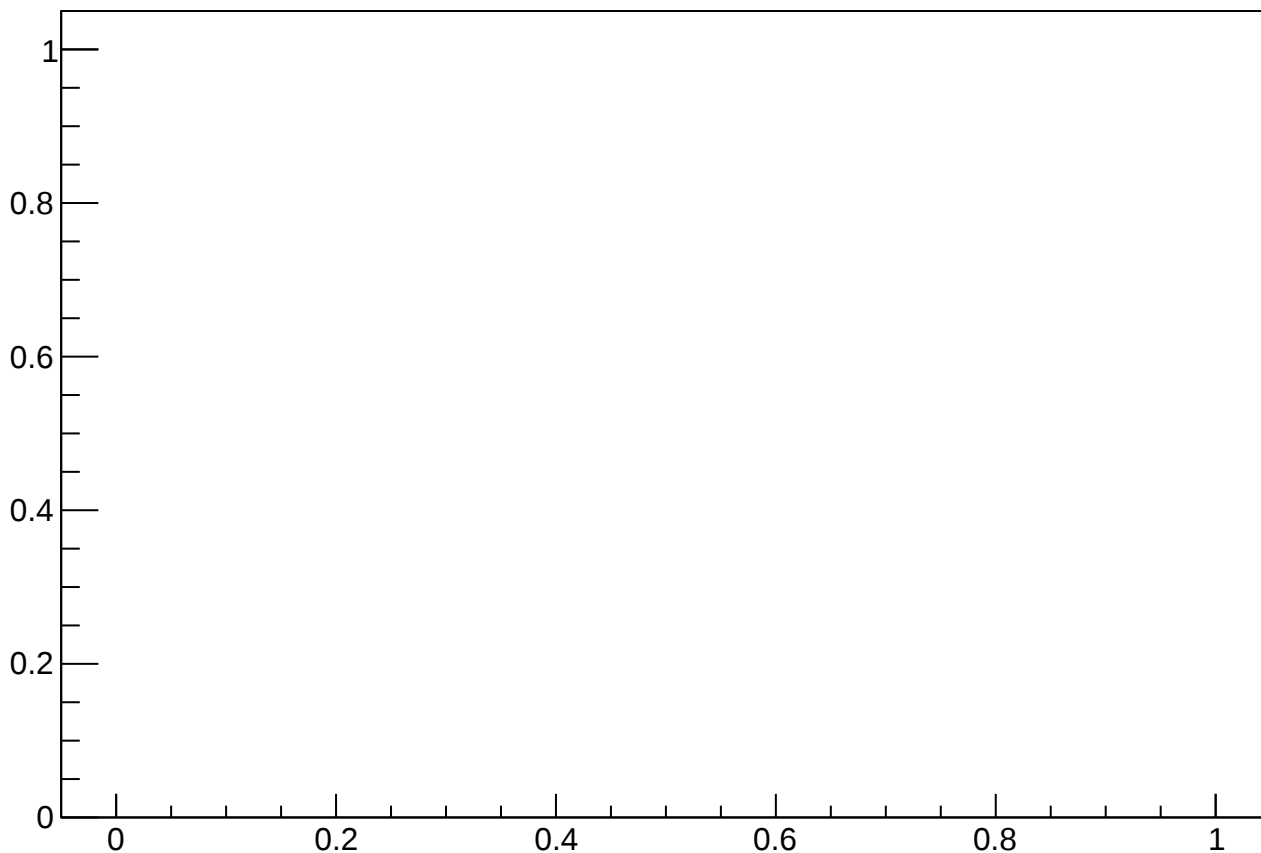
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

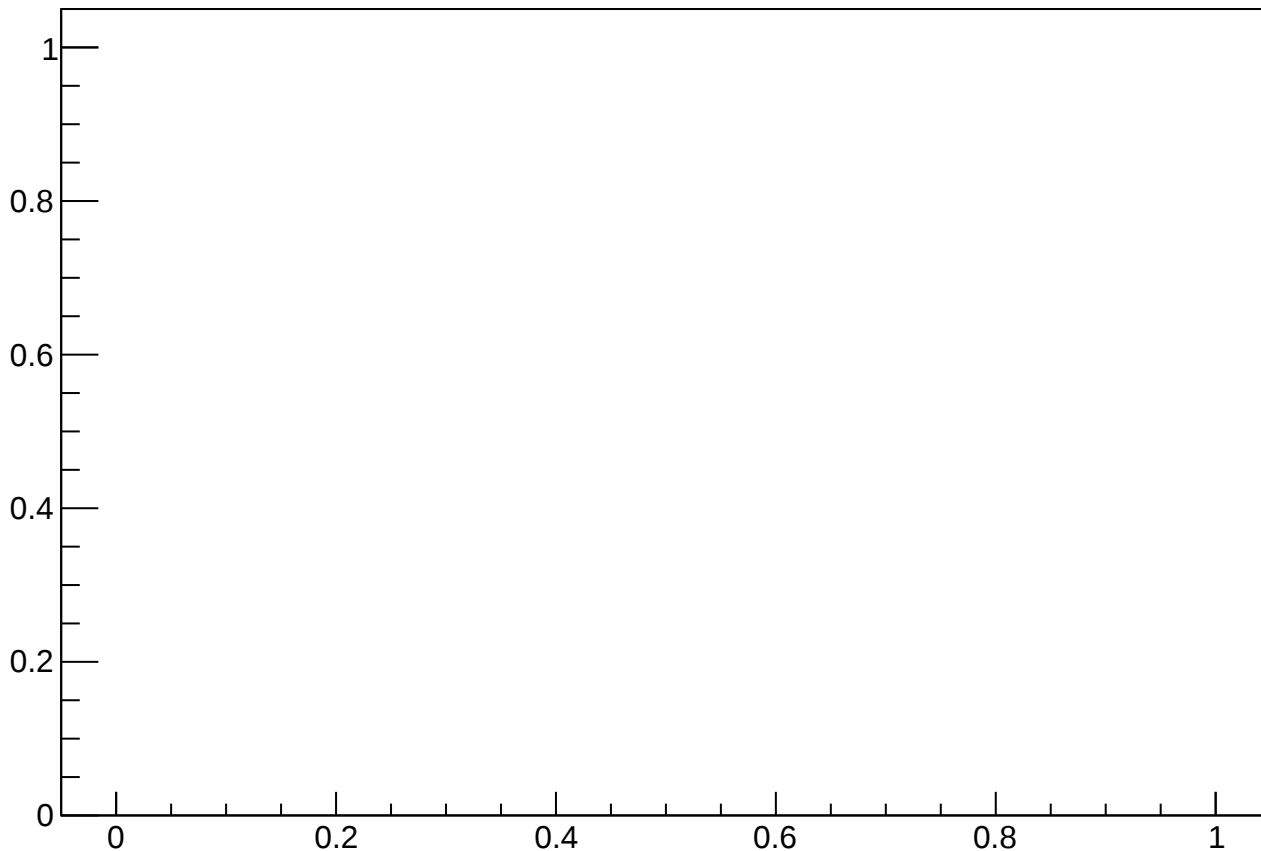
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

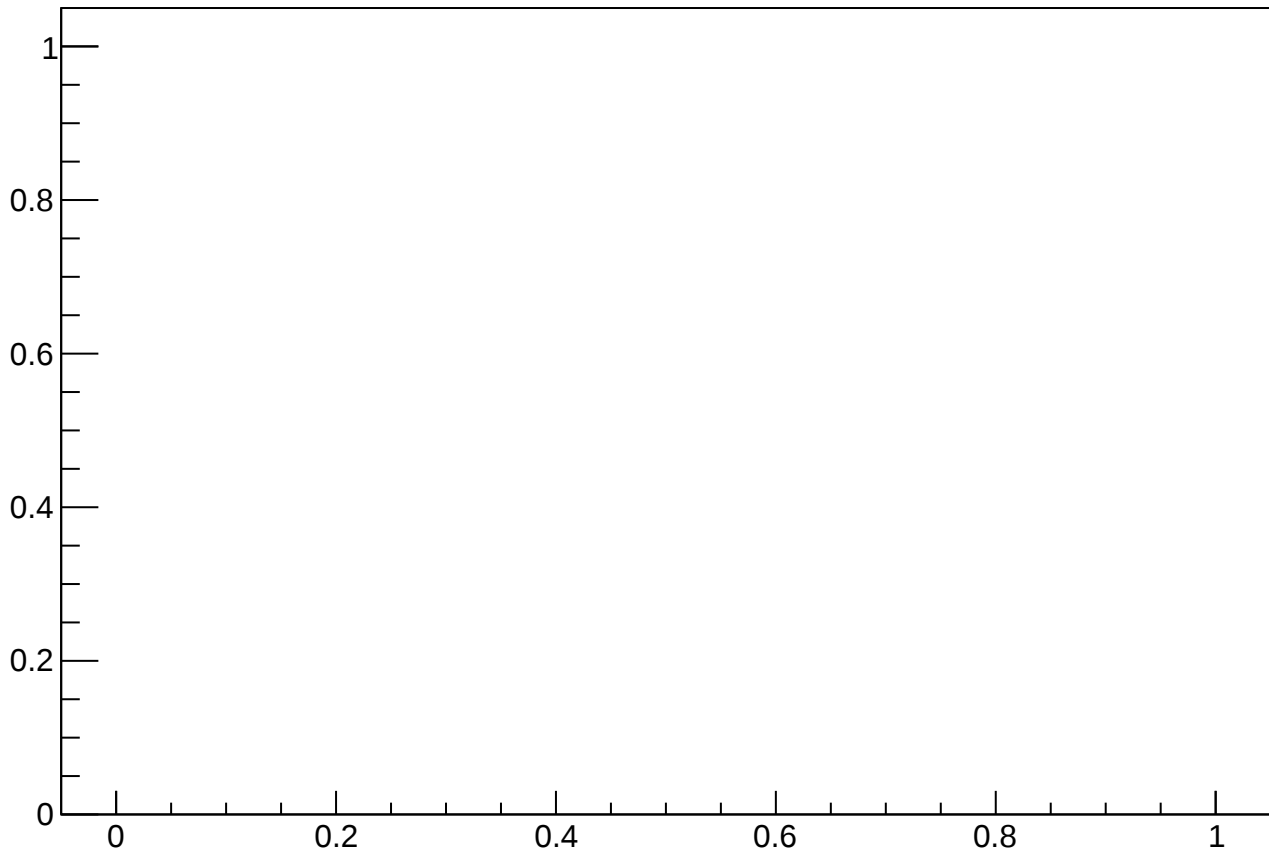
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

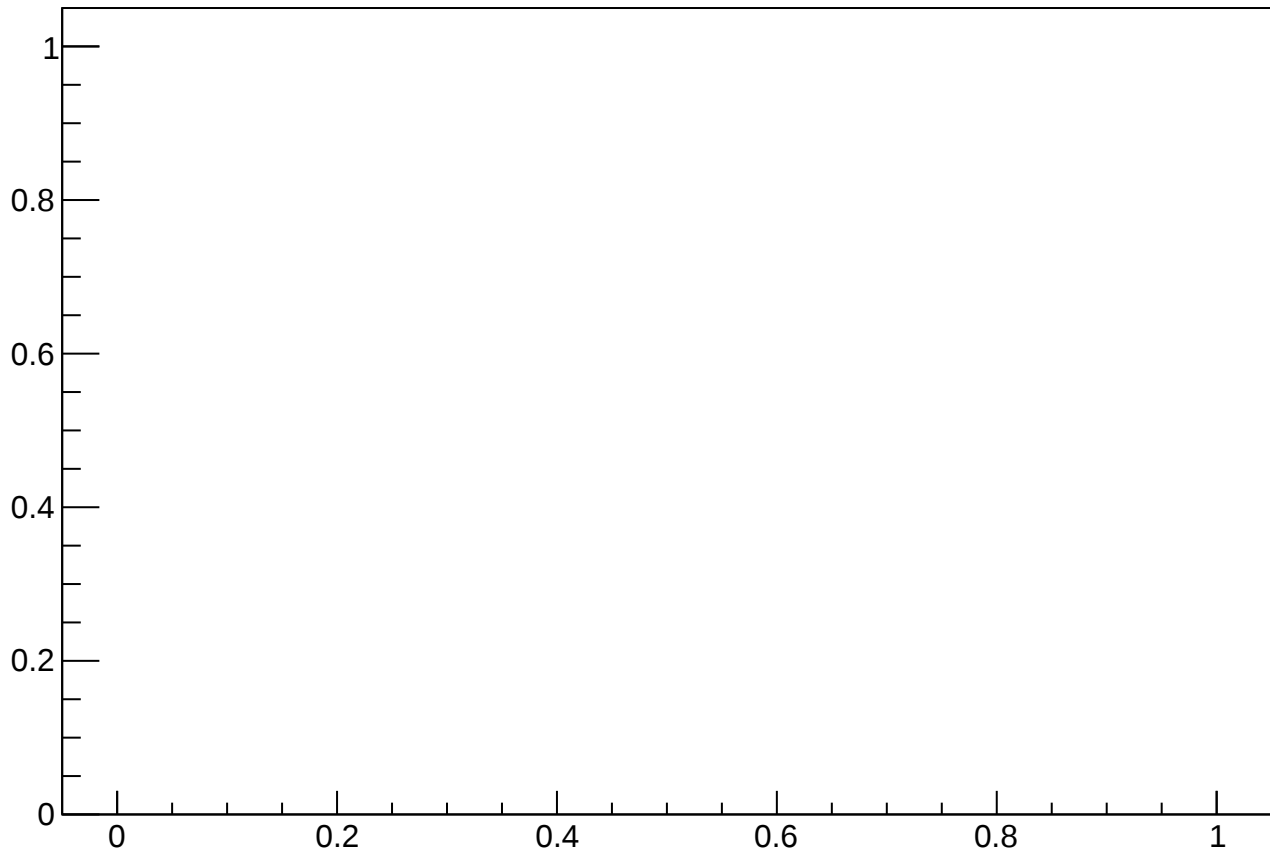
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

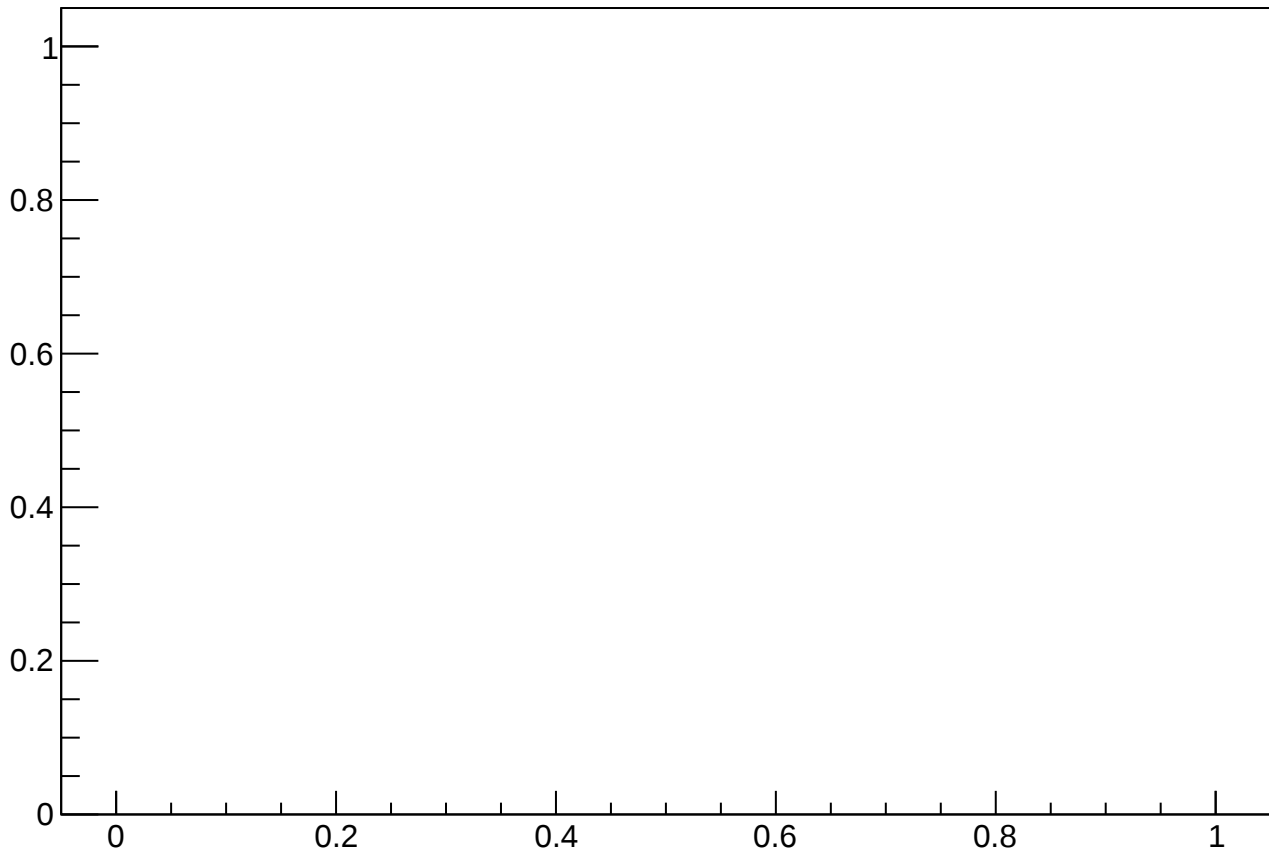
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

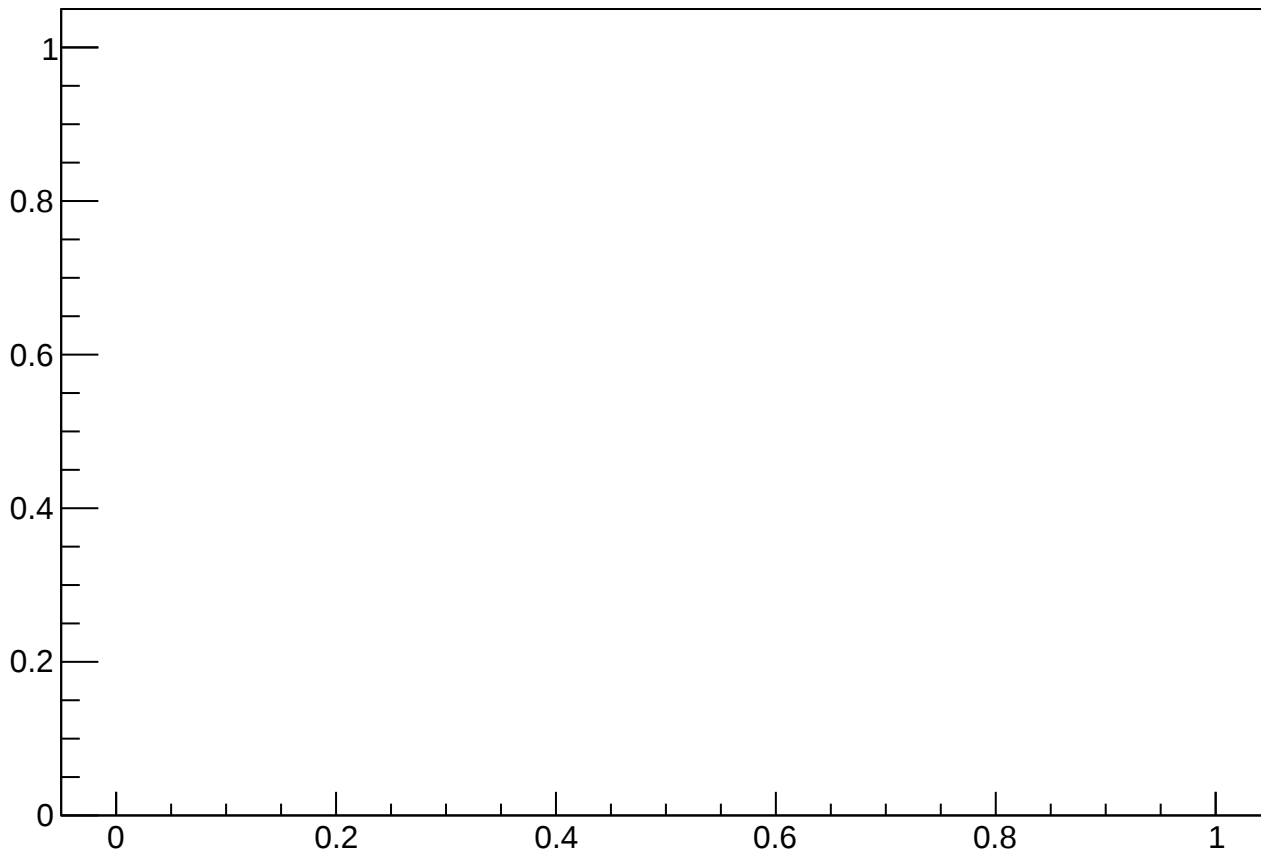
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

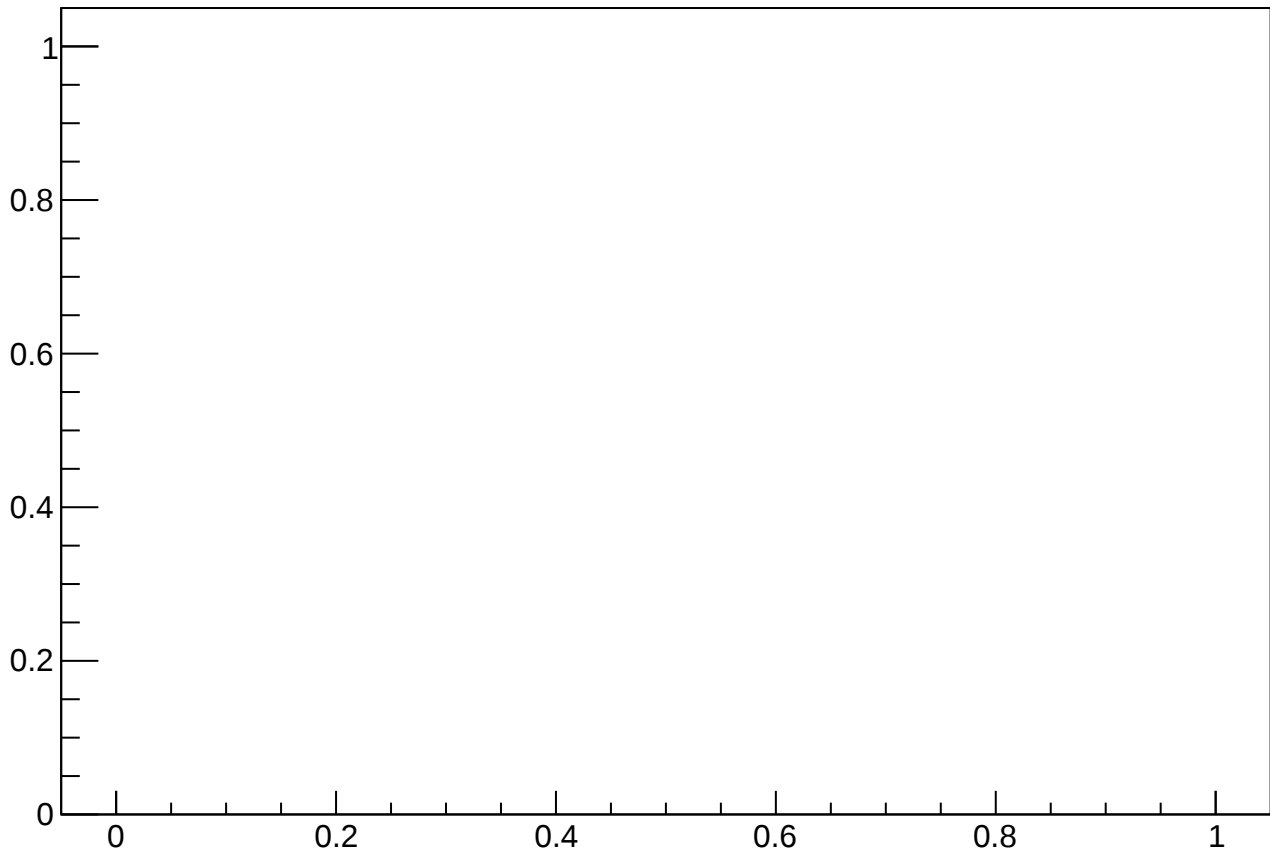
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

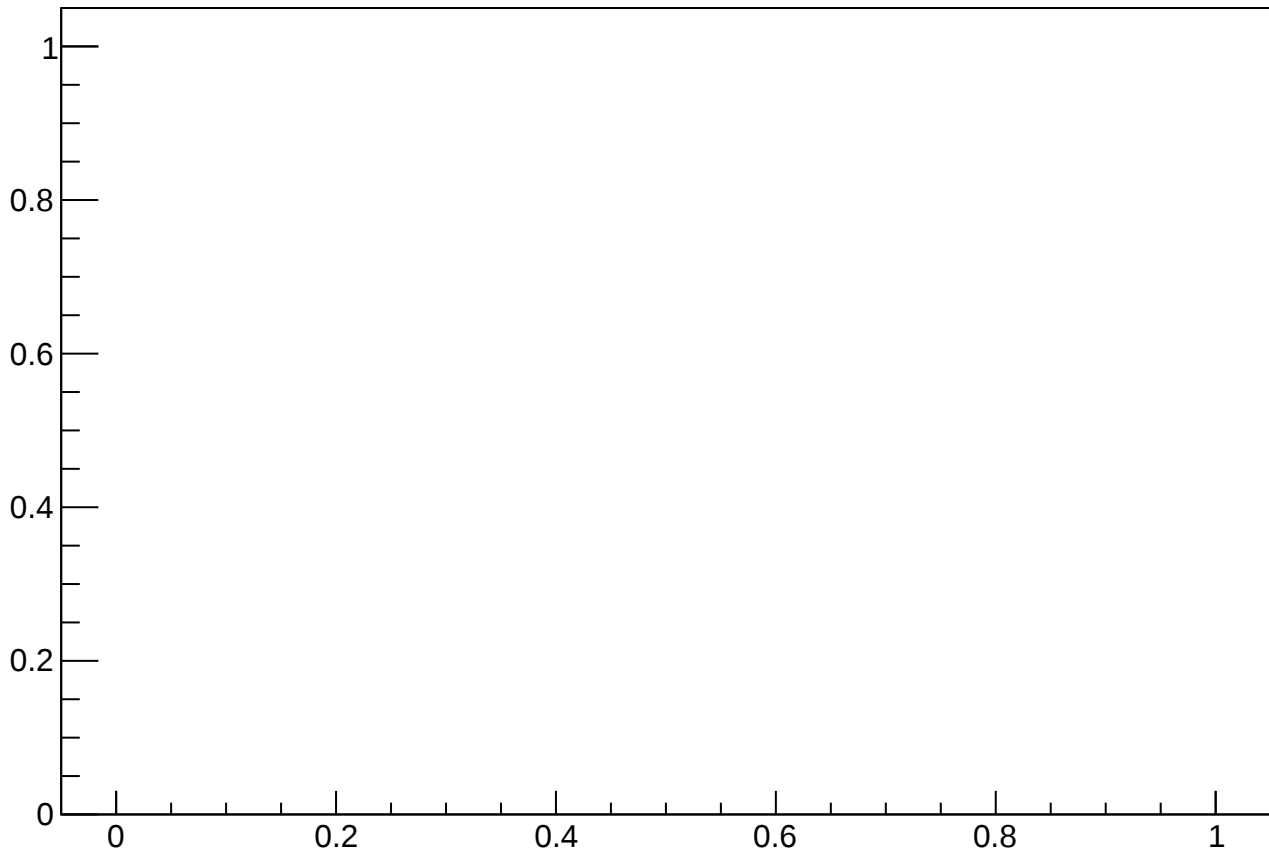
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

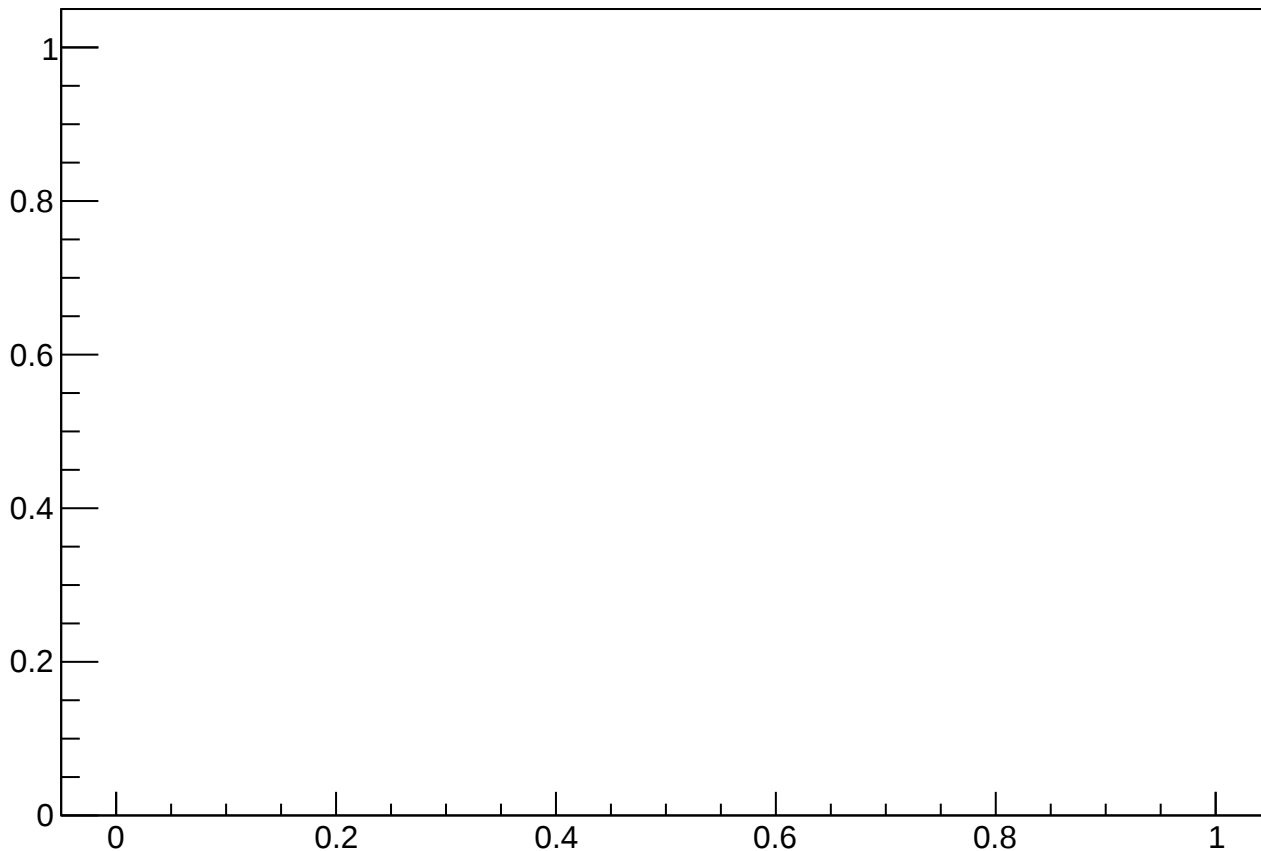
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

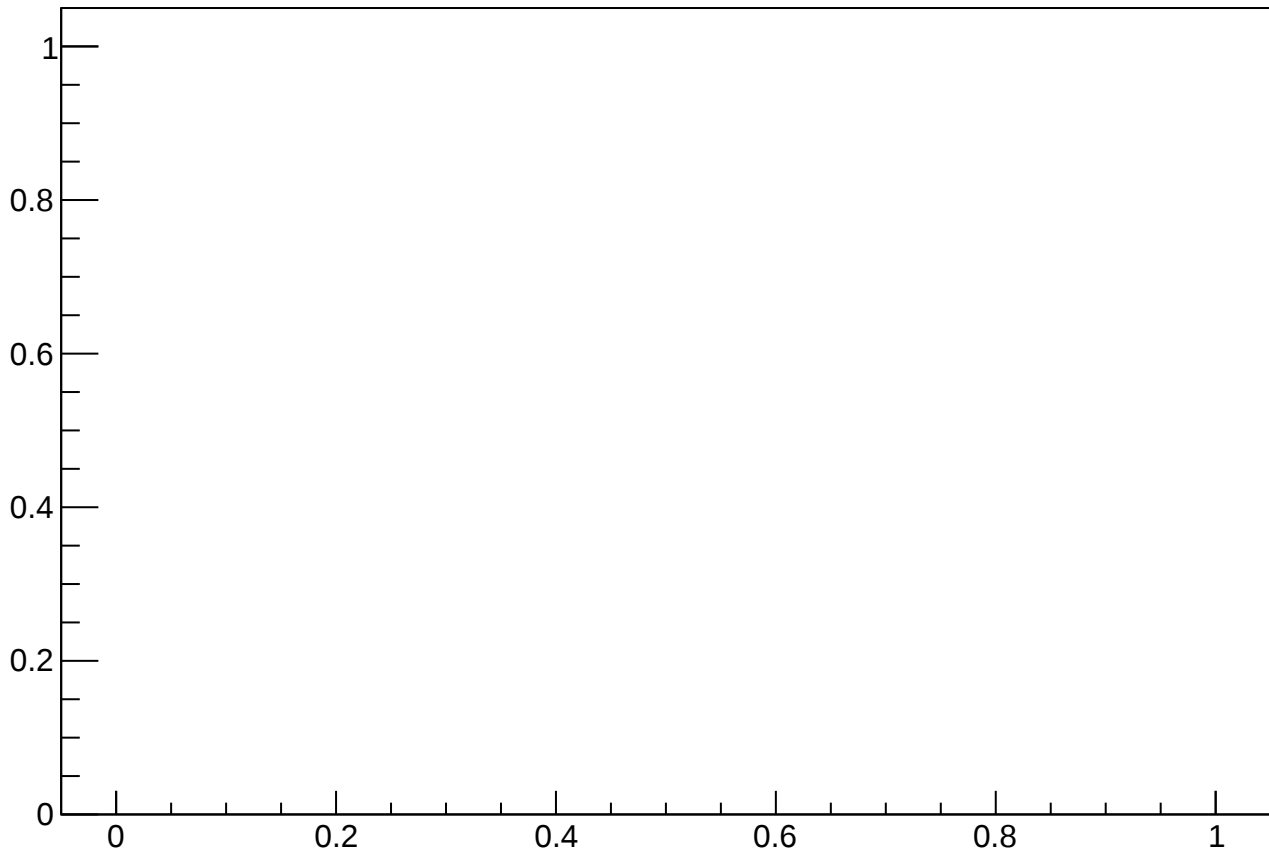
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

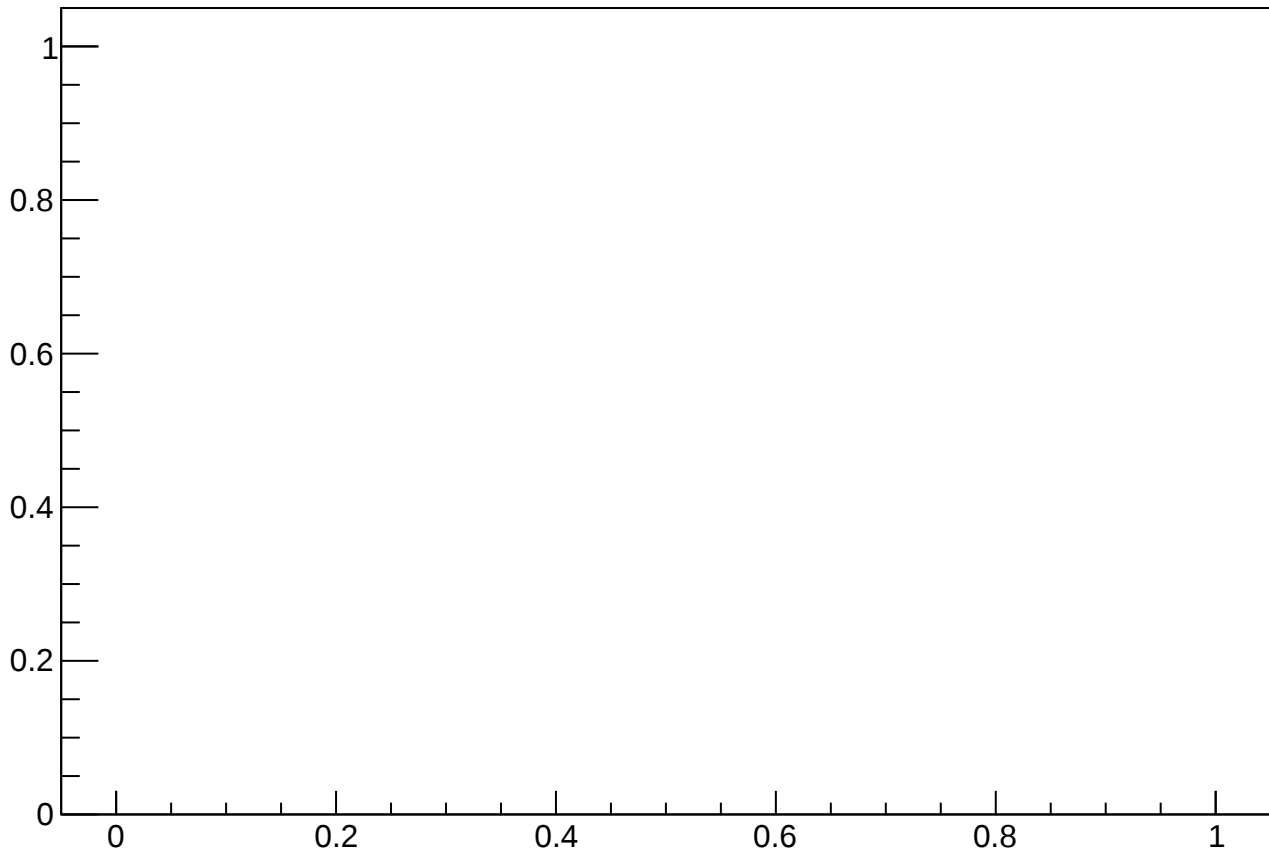
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

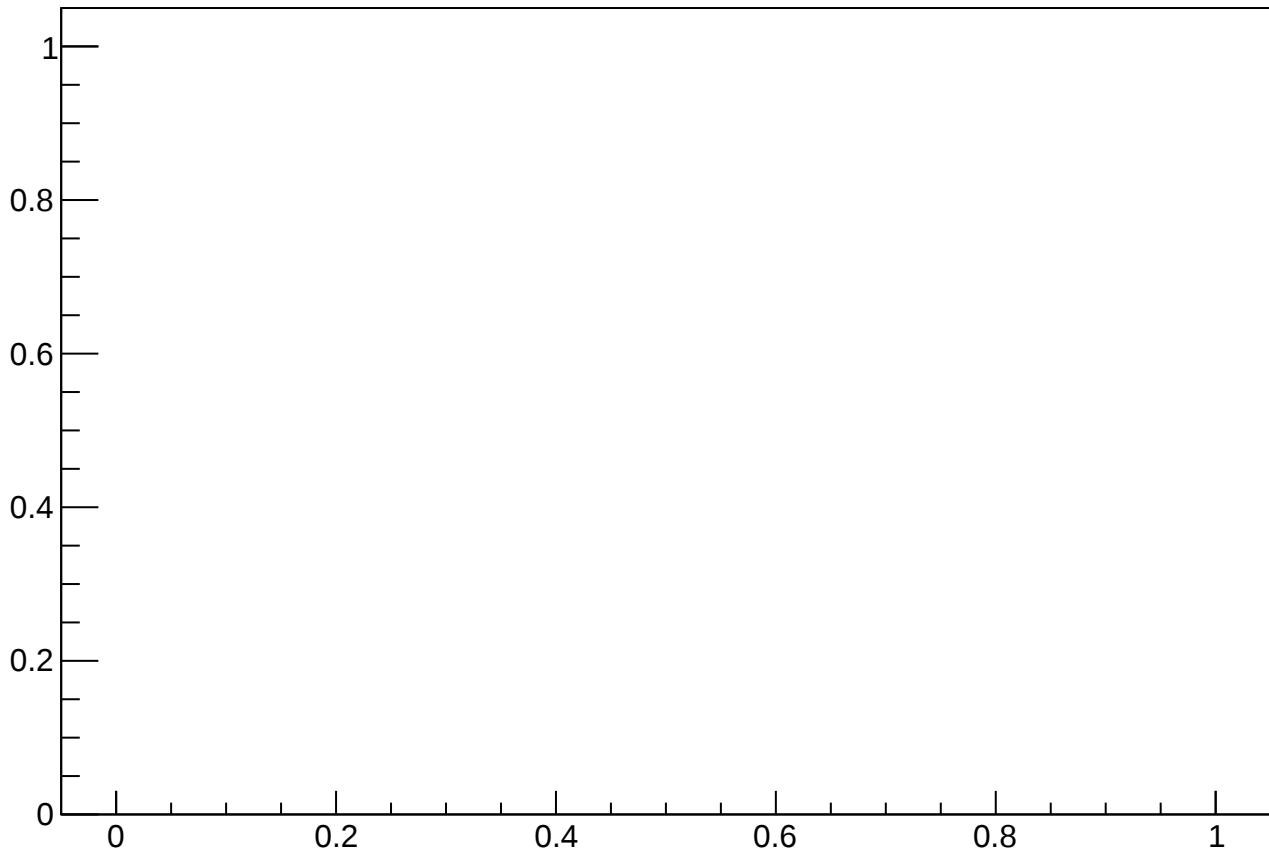
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

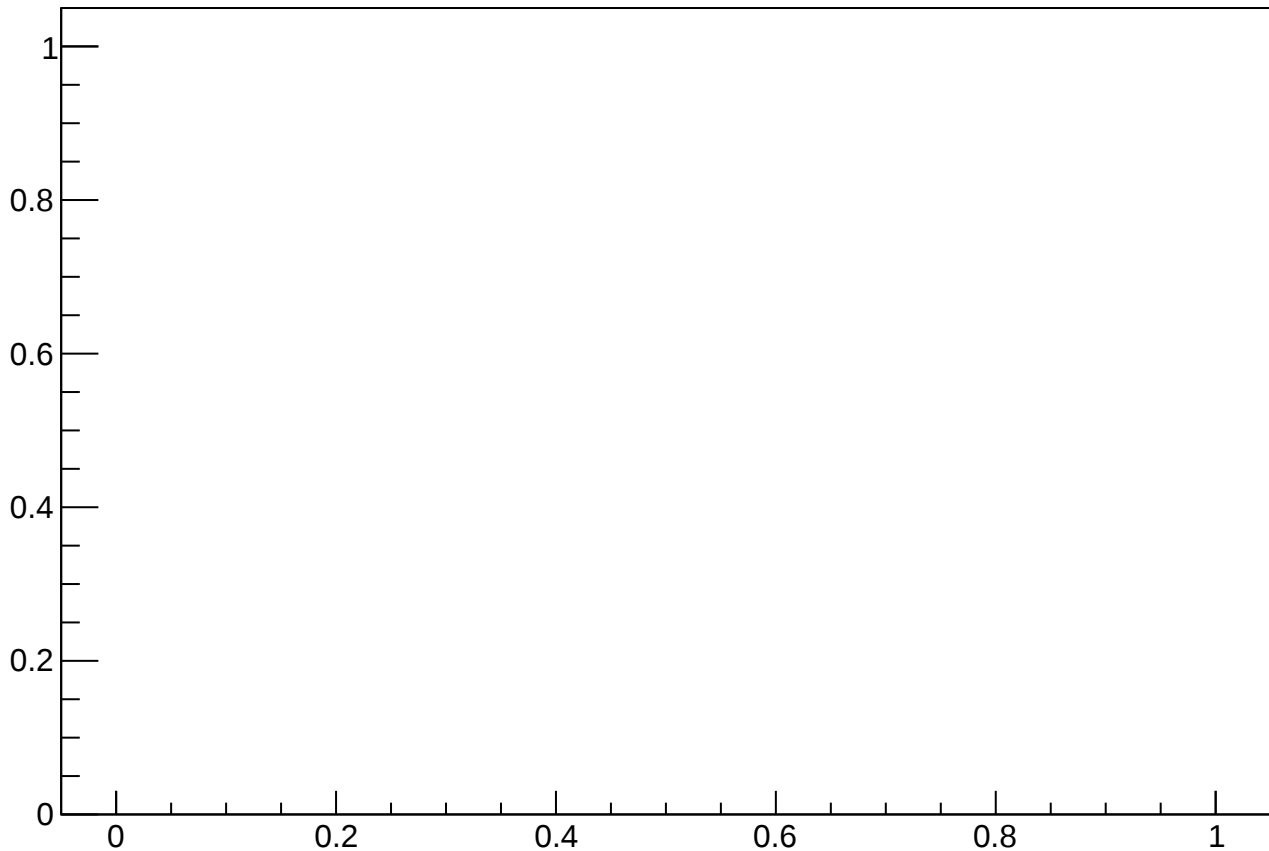
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

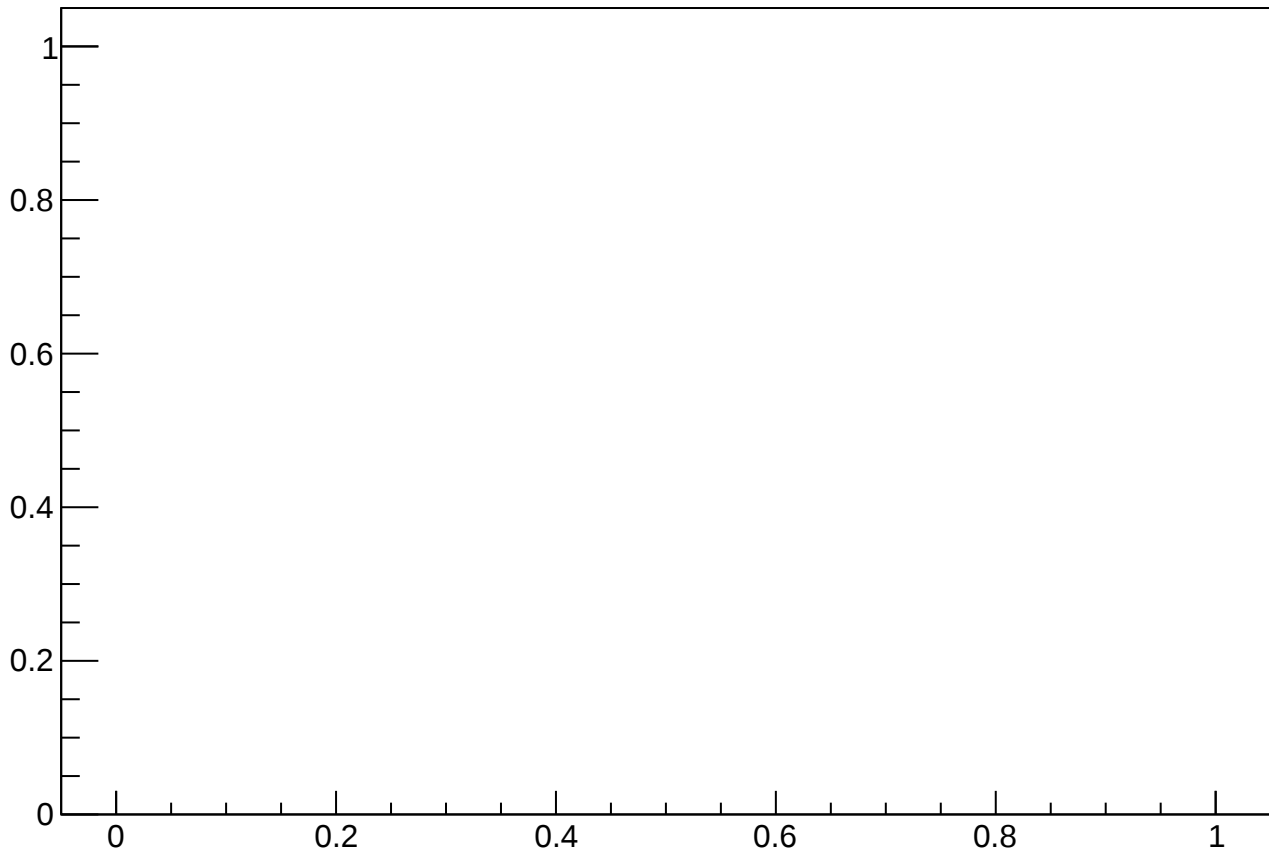
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

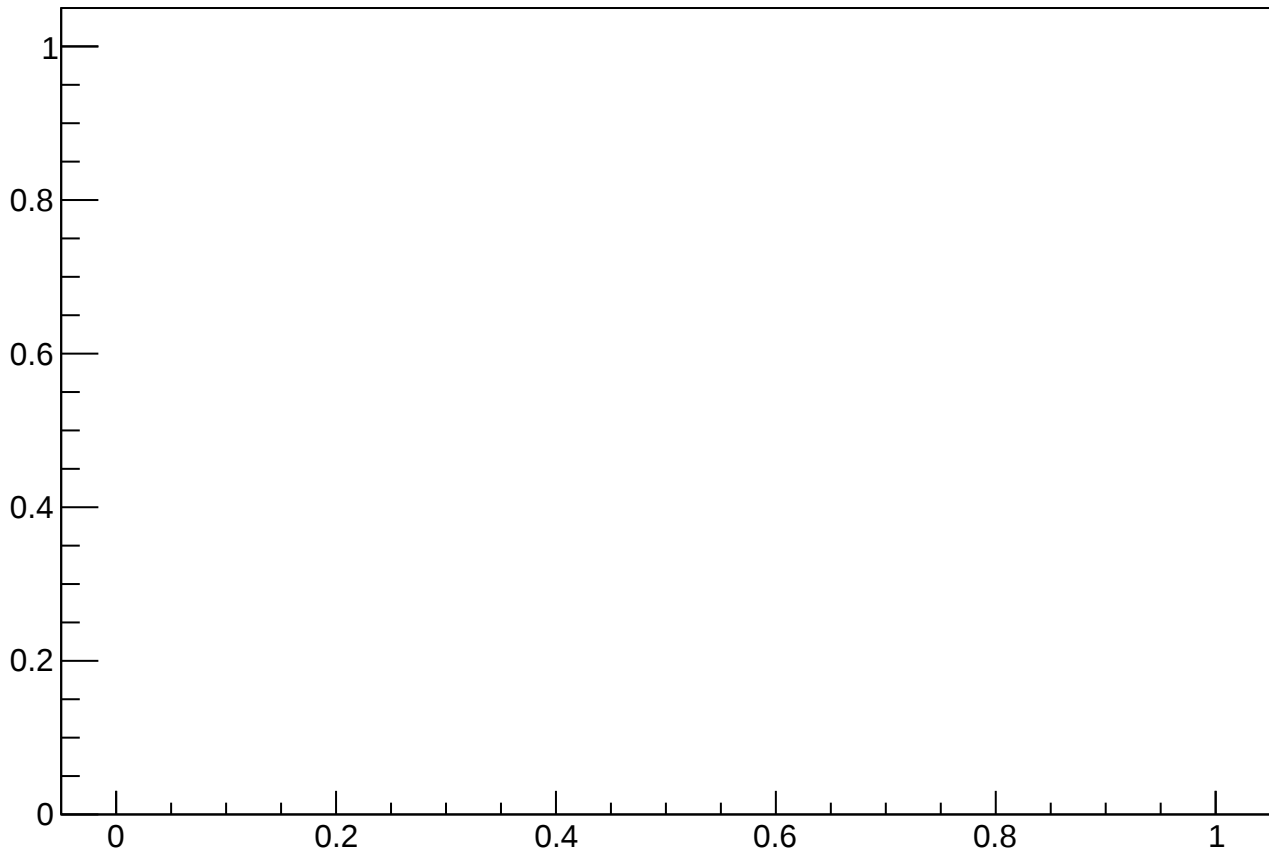
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

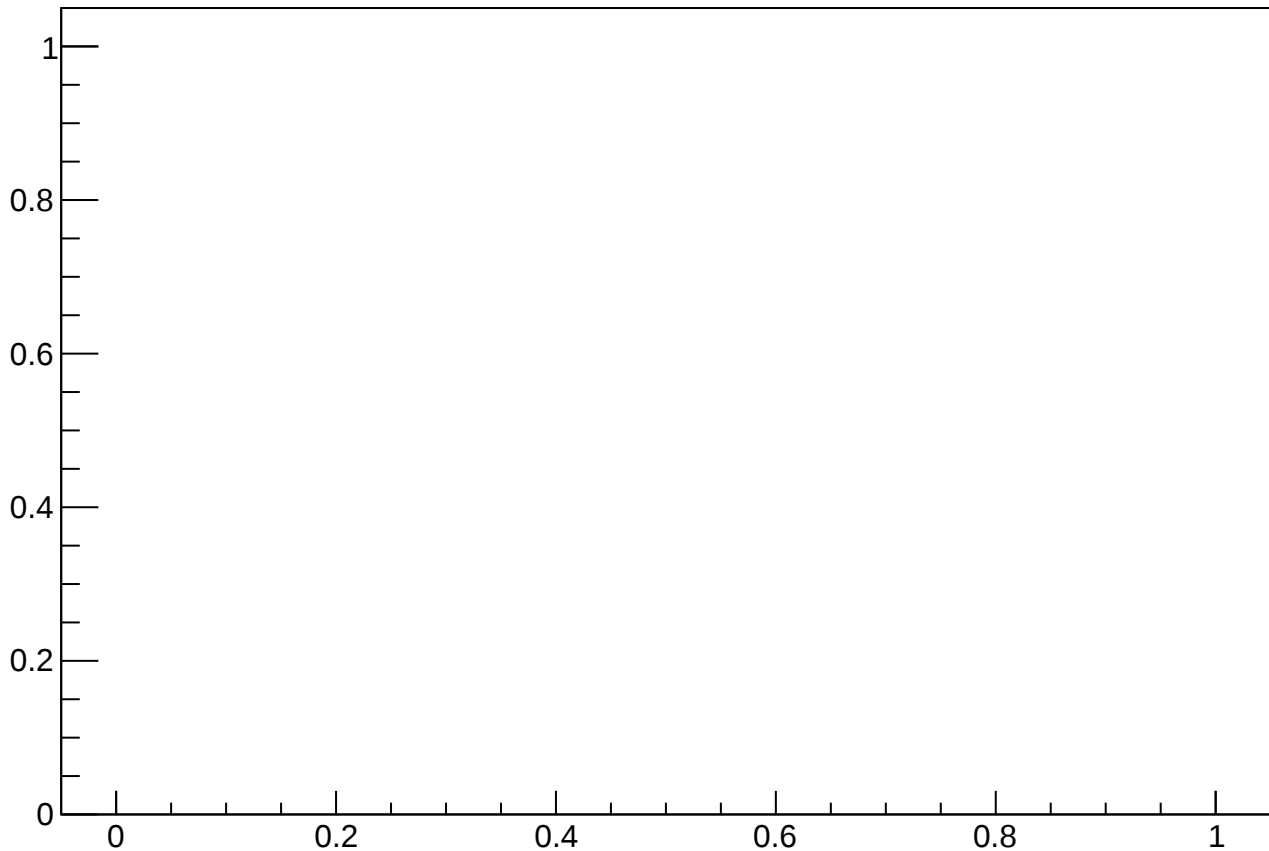
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

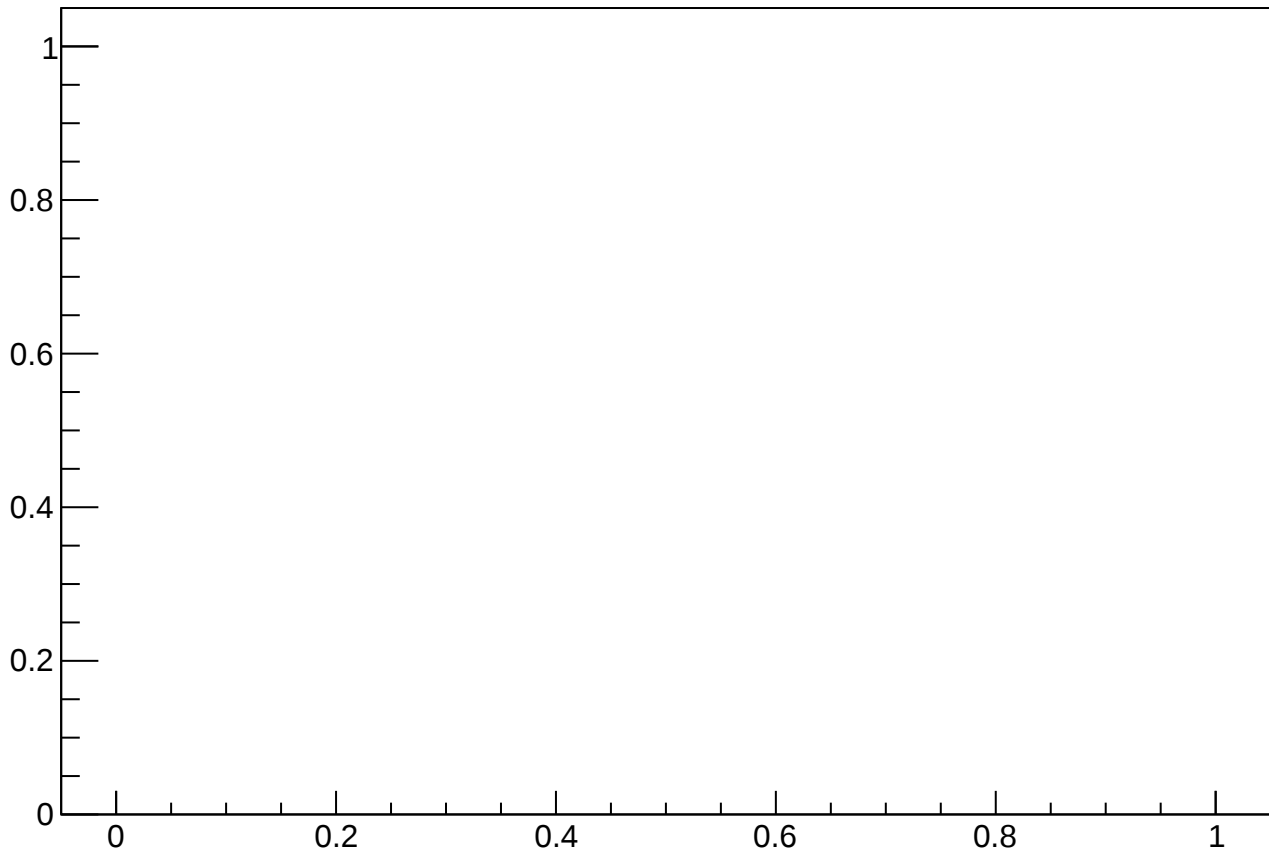
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

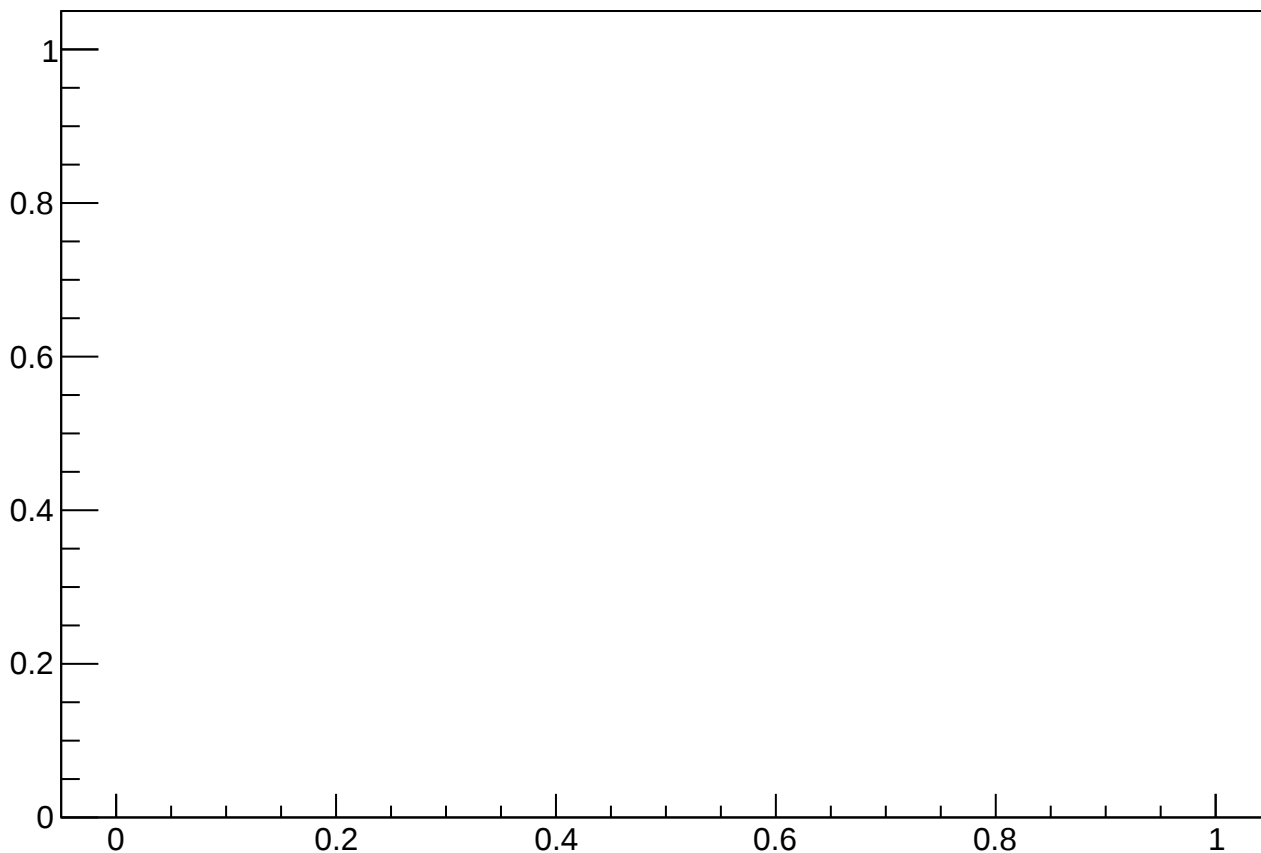
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

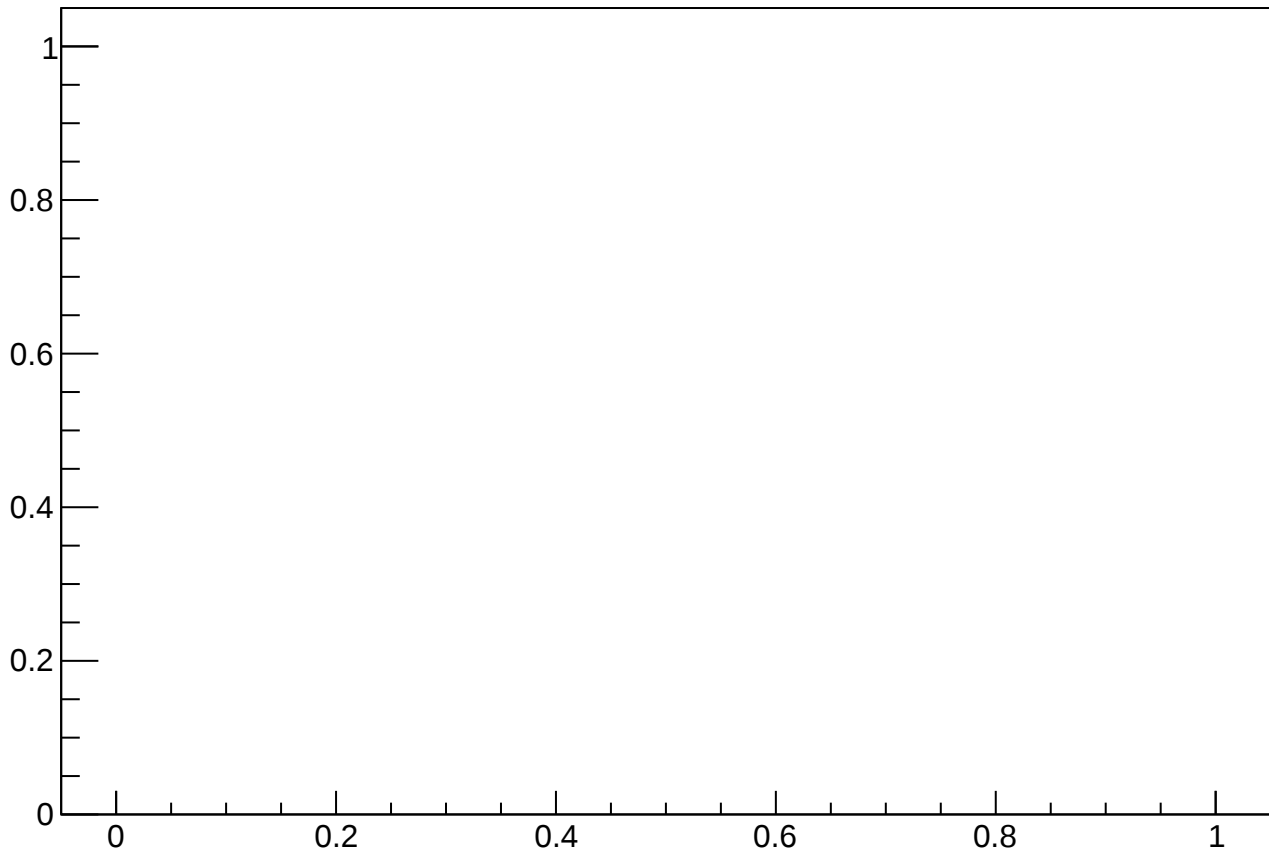
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

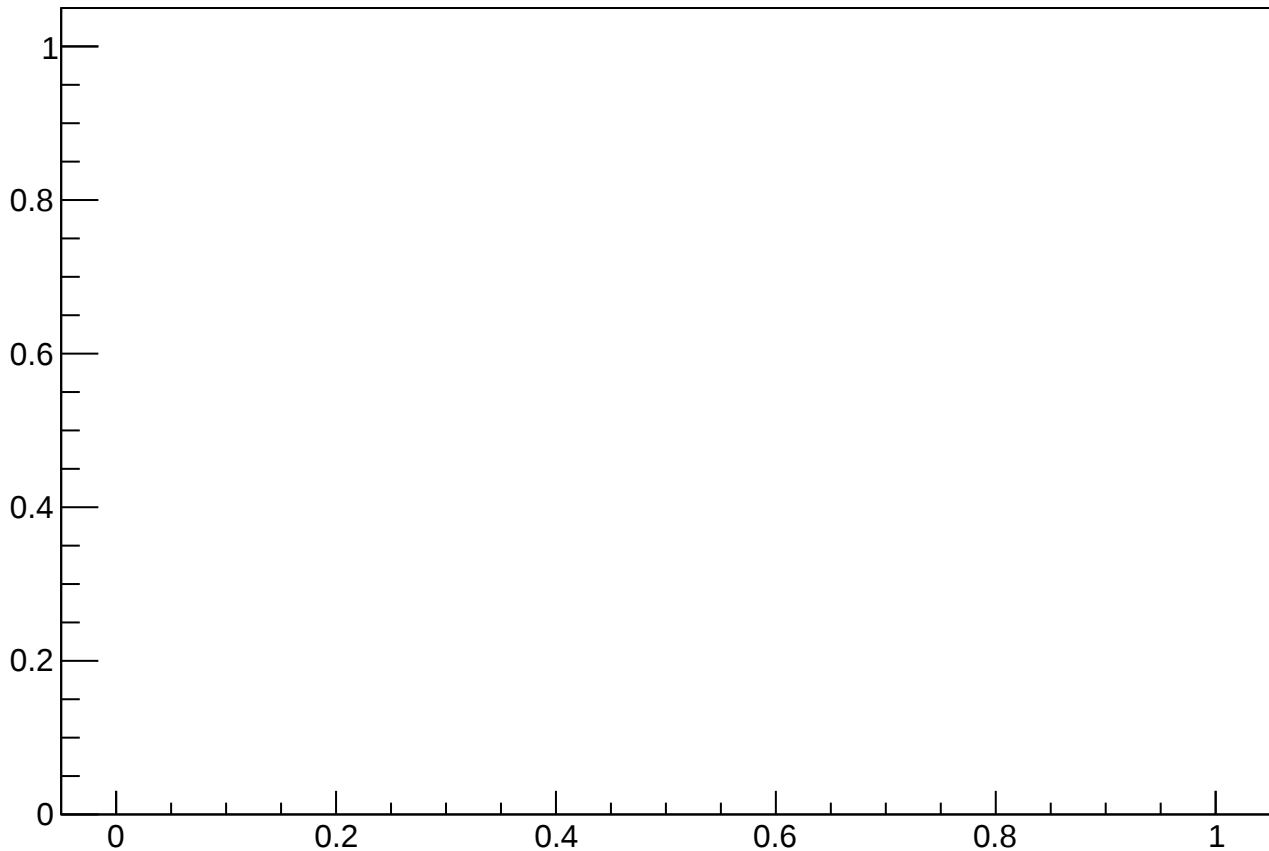
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

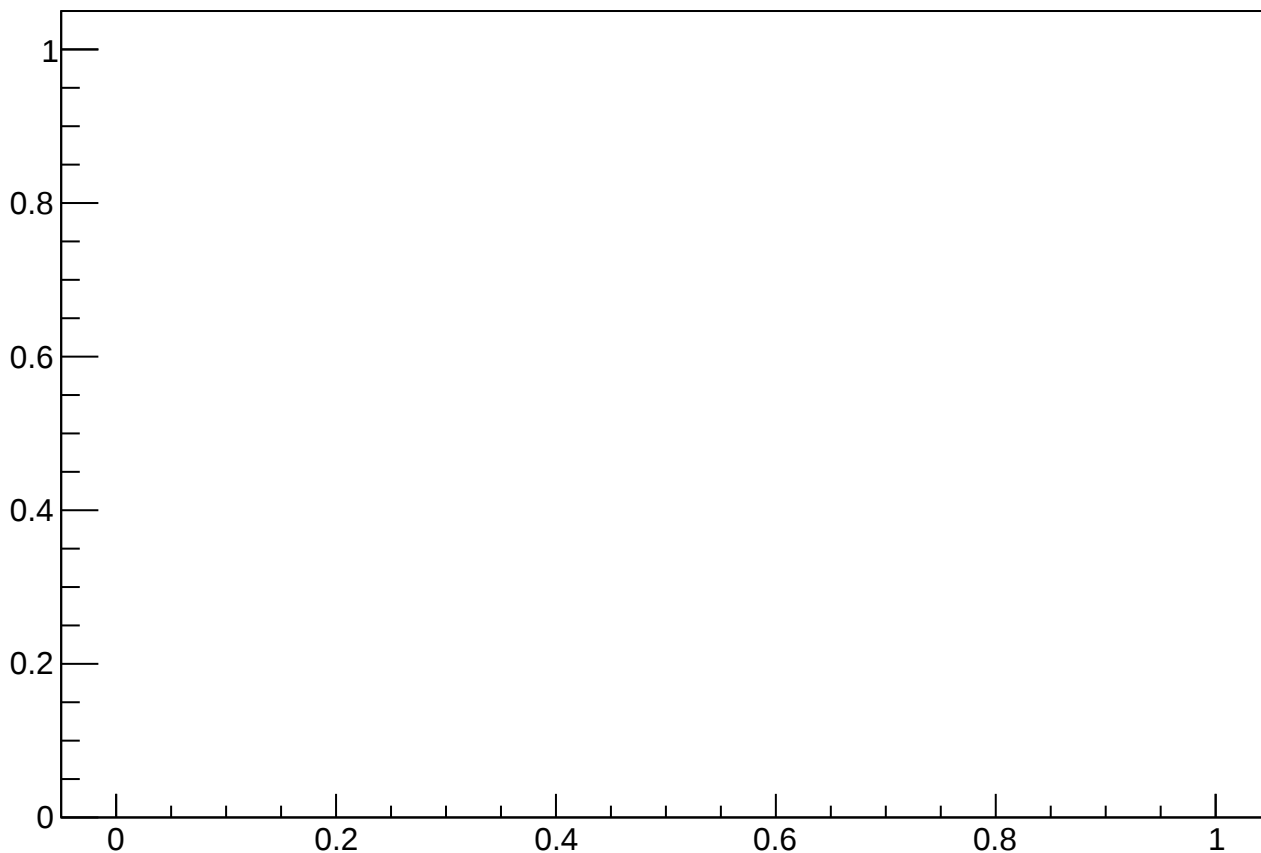
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

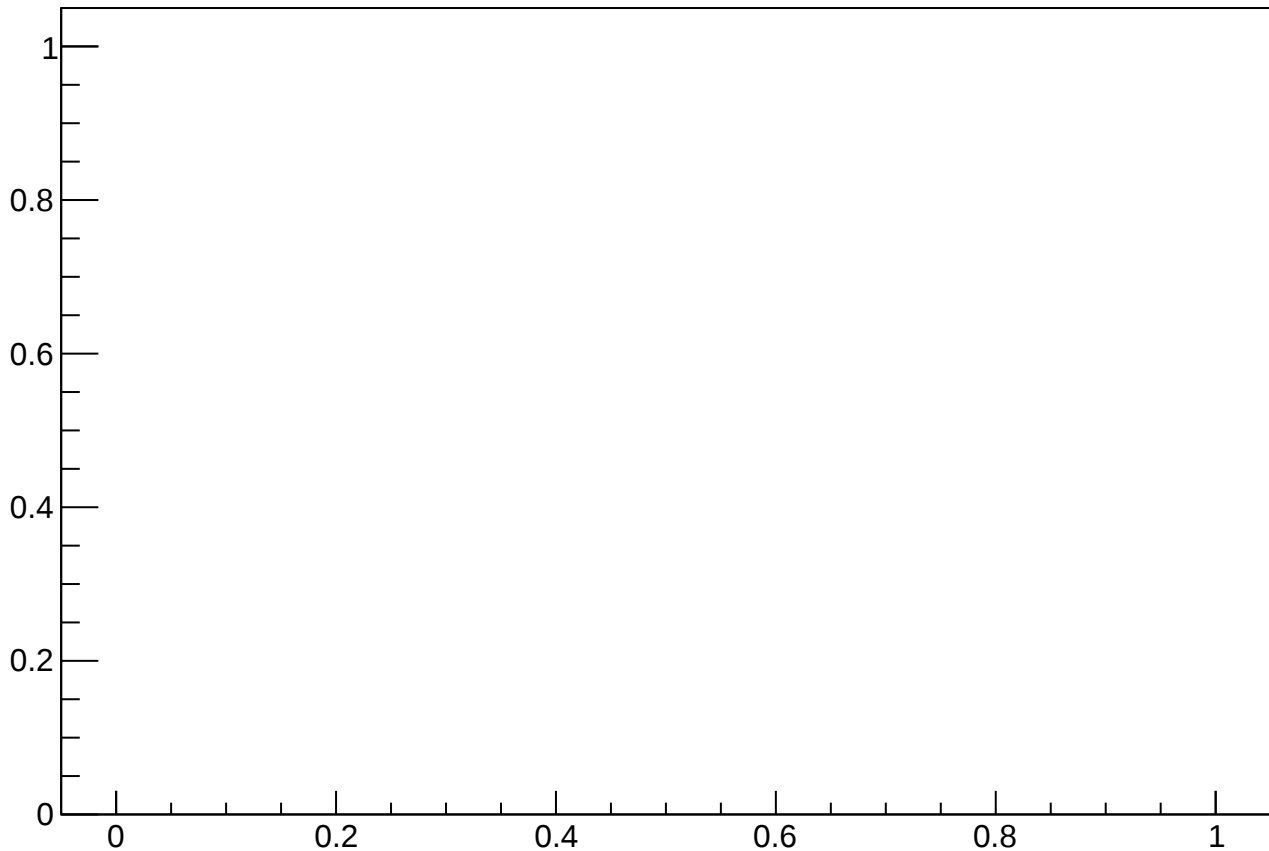
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

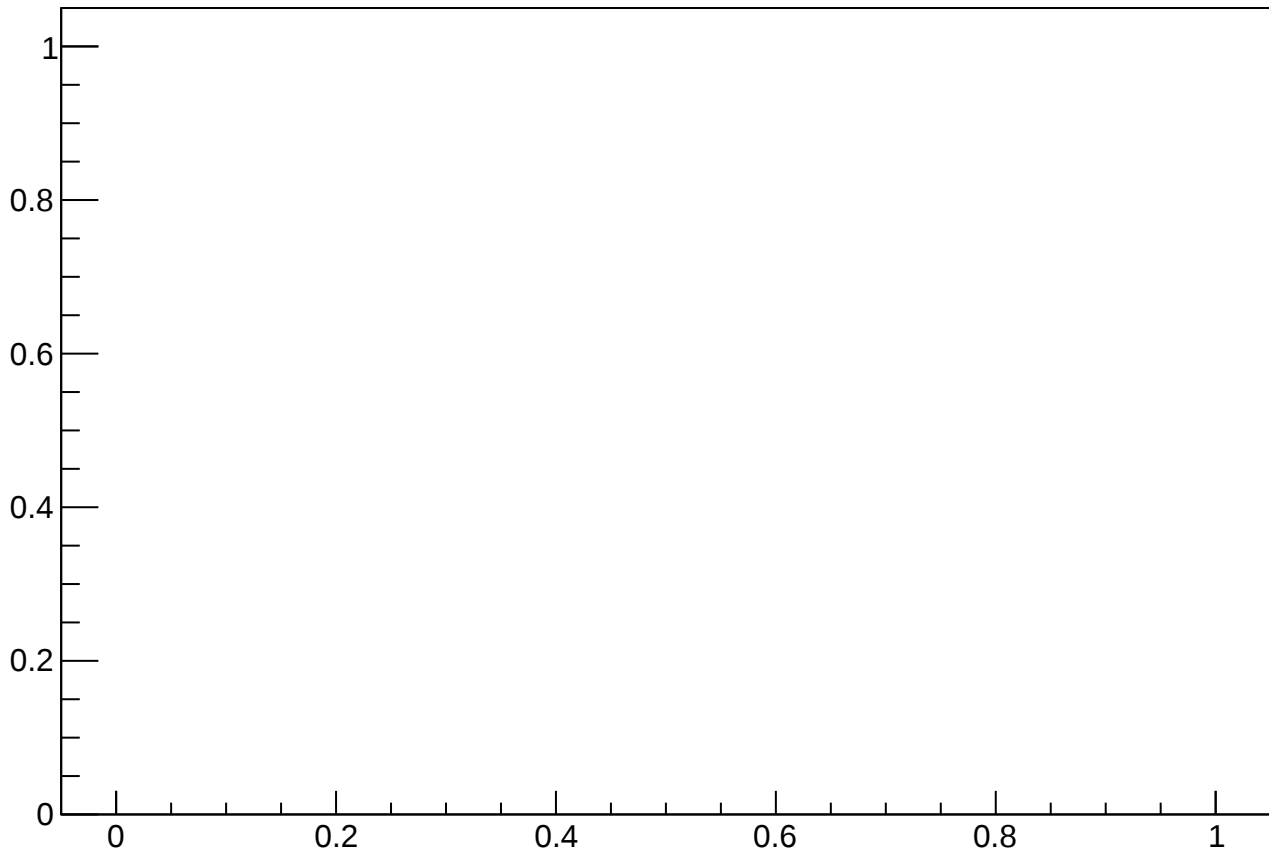
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

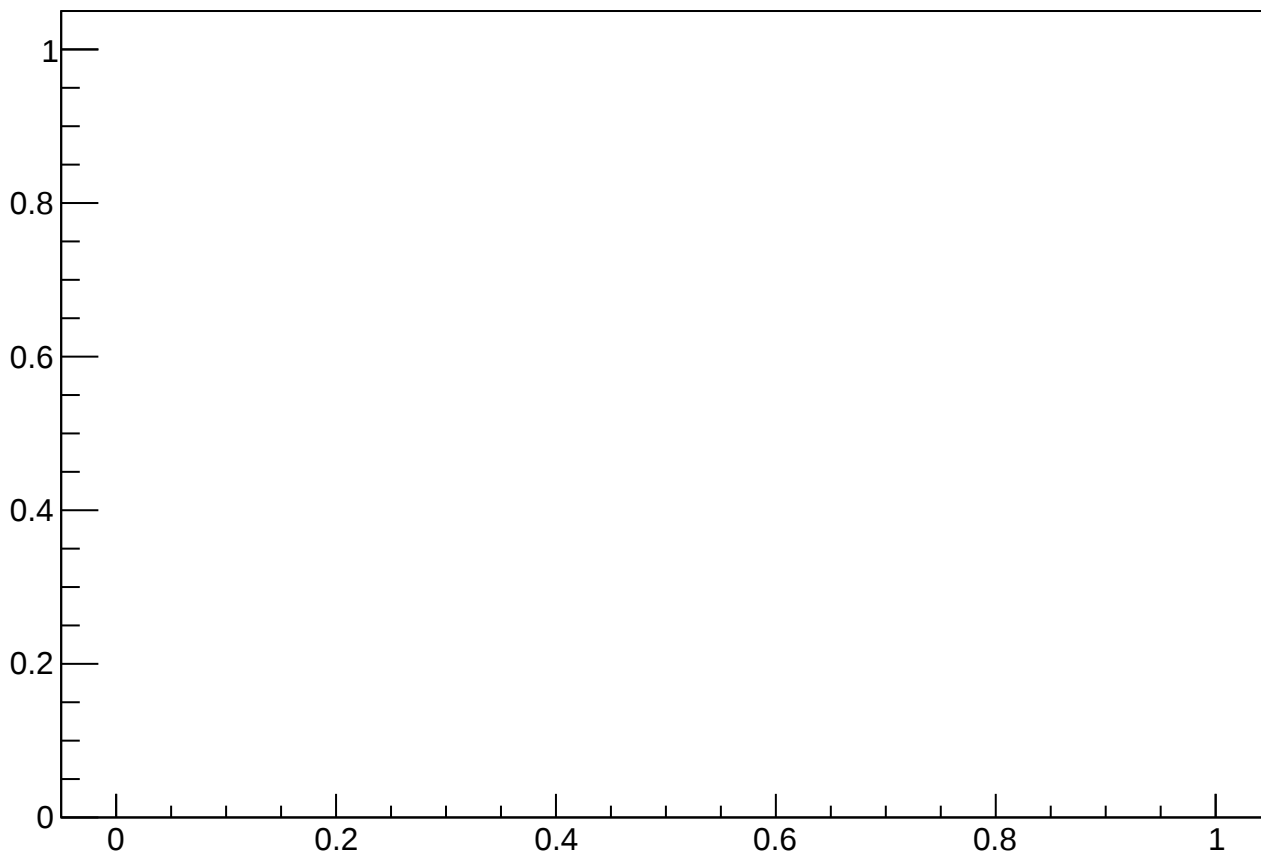
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

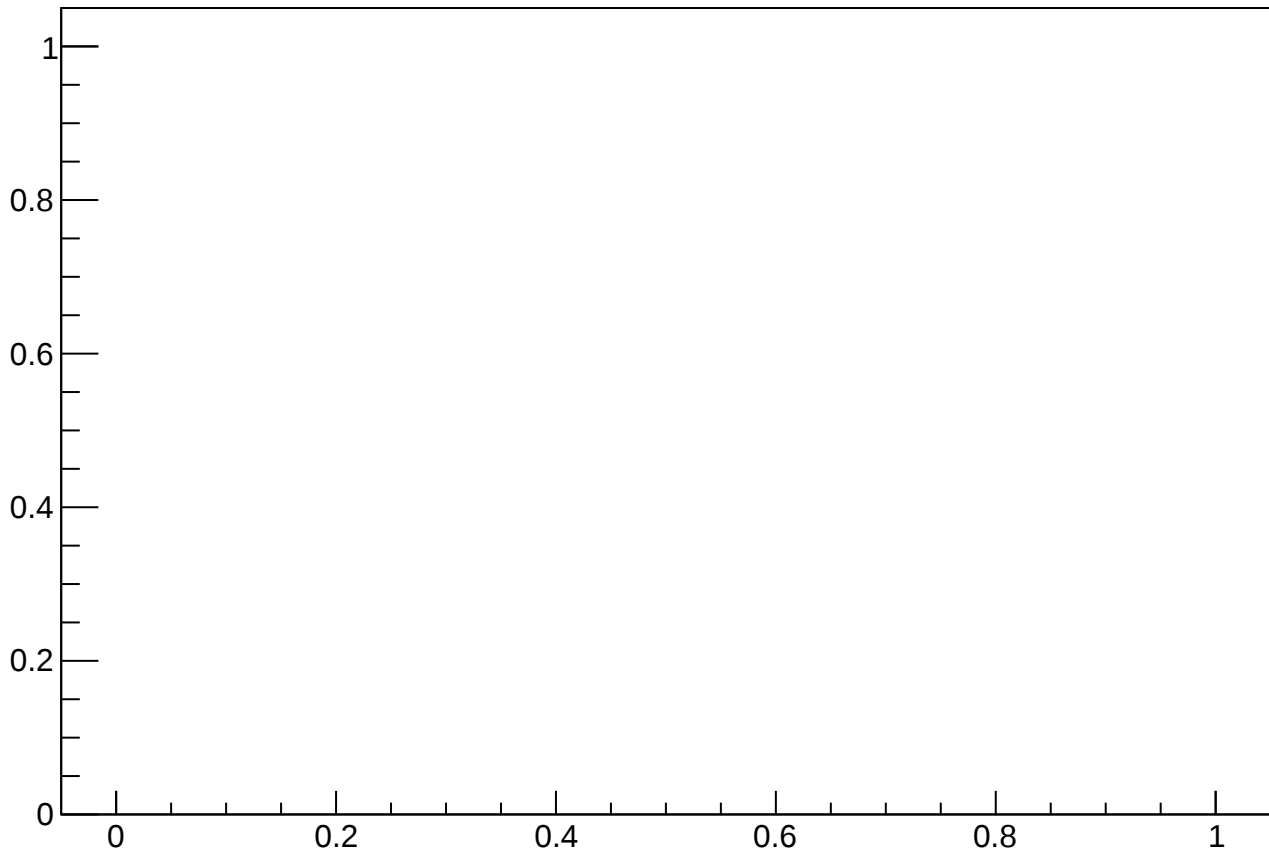
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

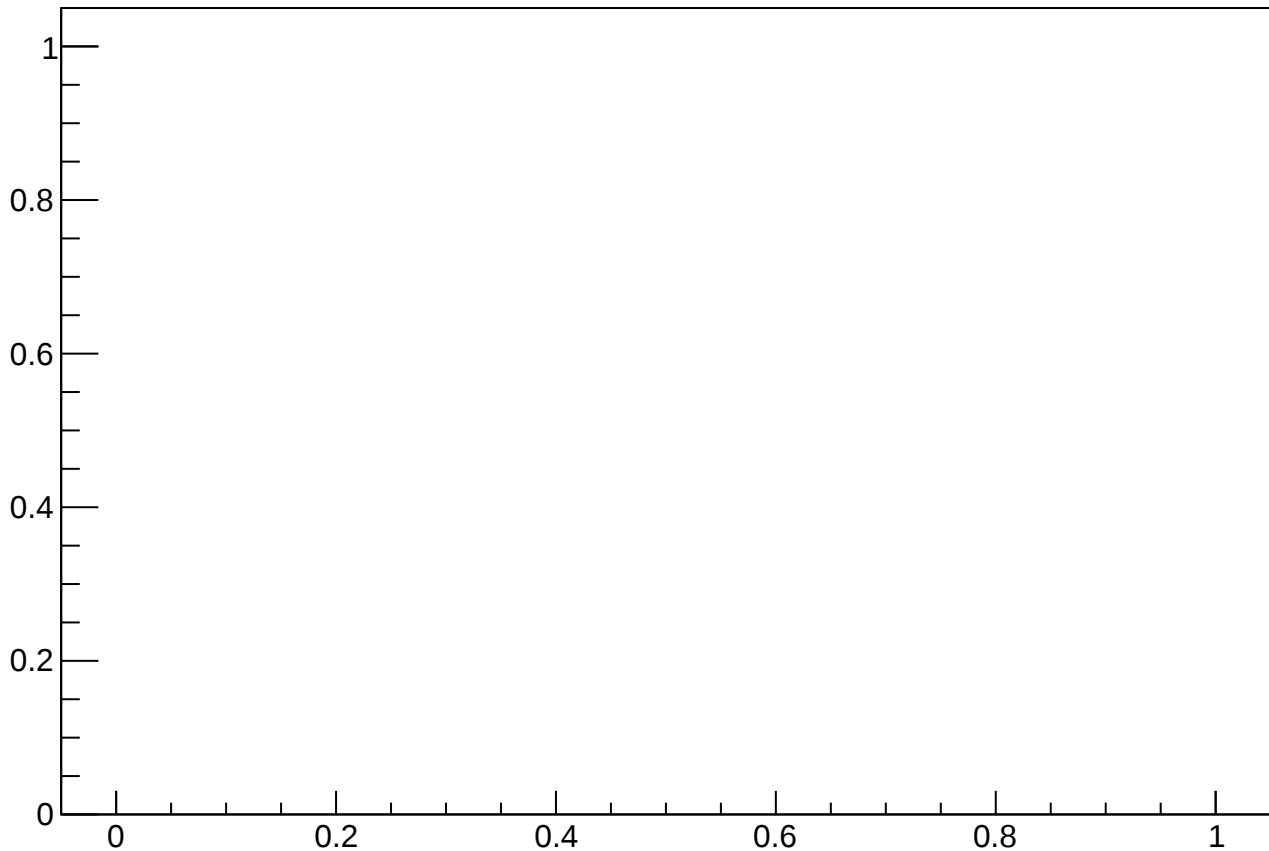
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

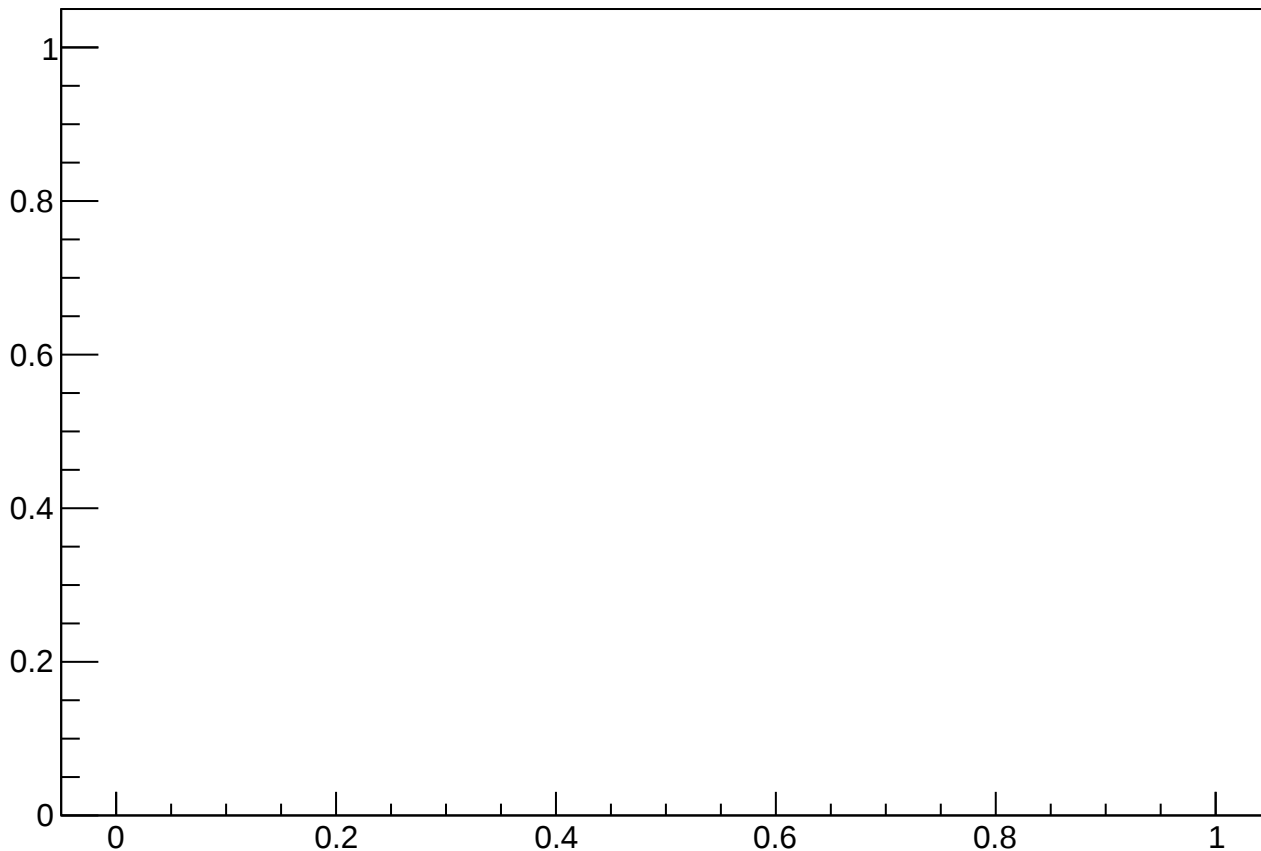
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_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

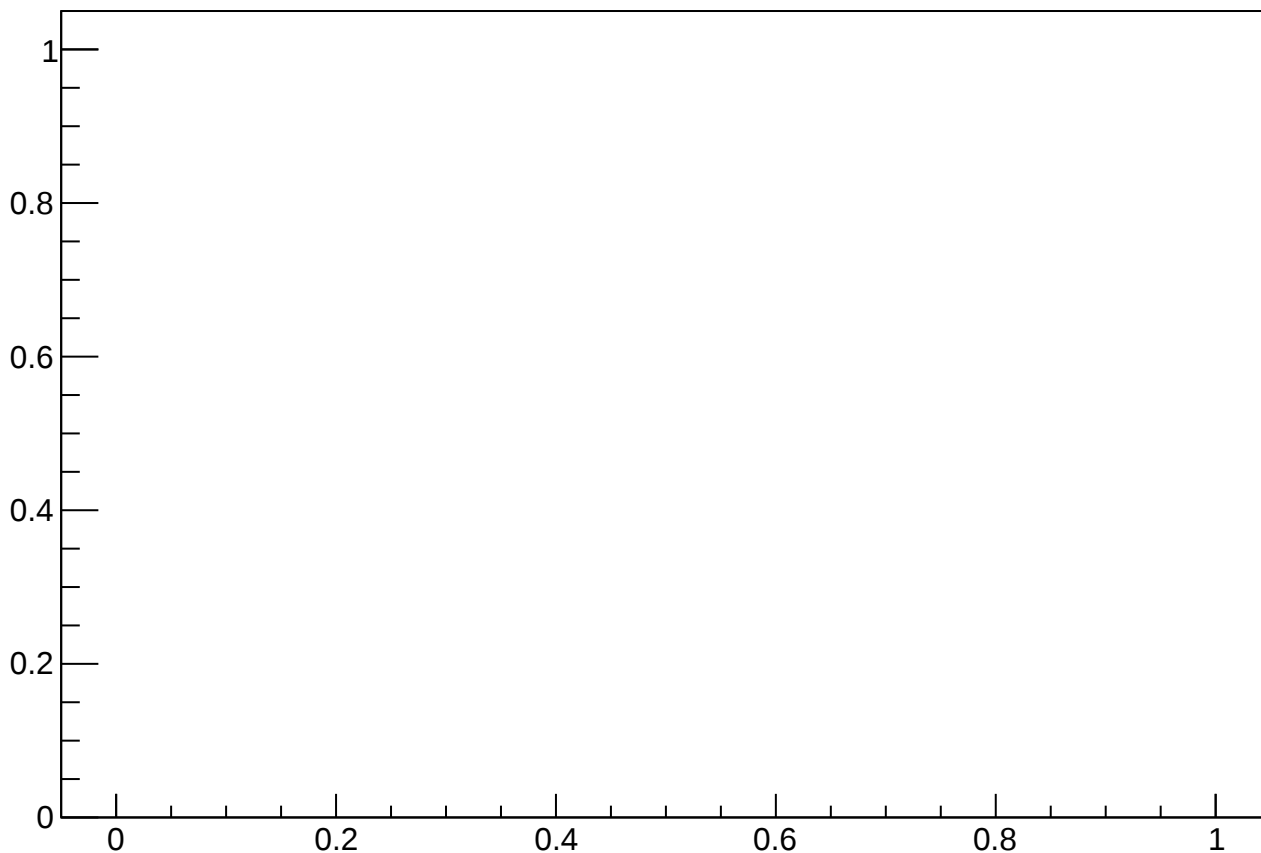
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

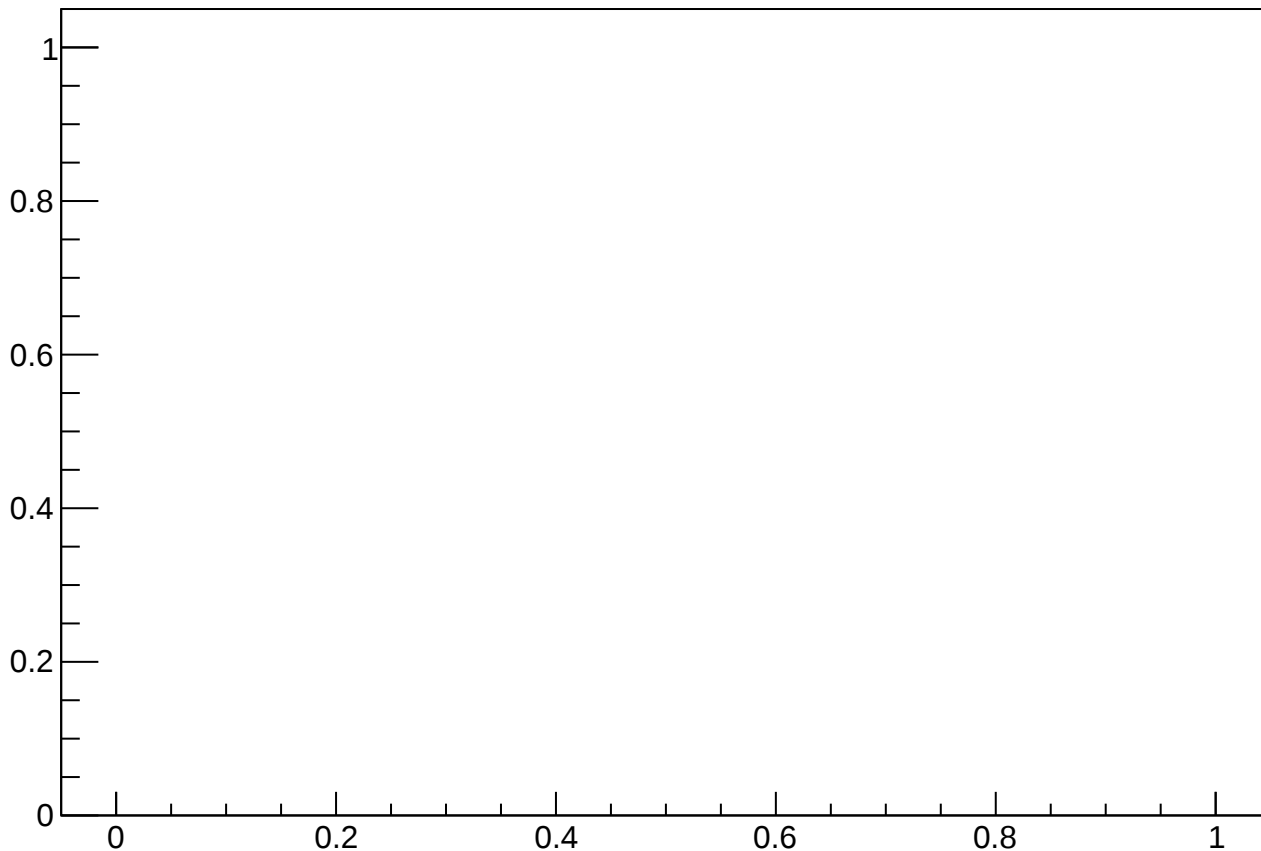
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_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

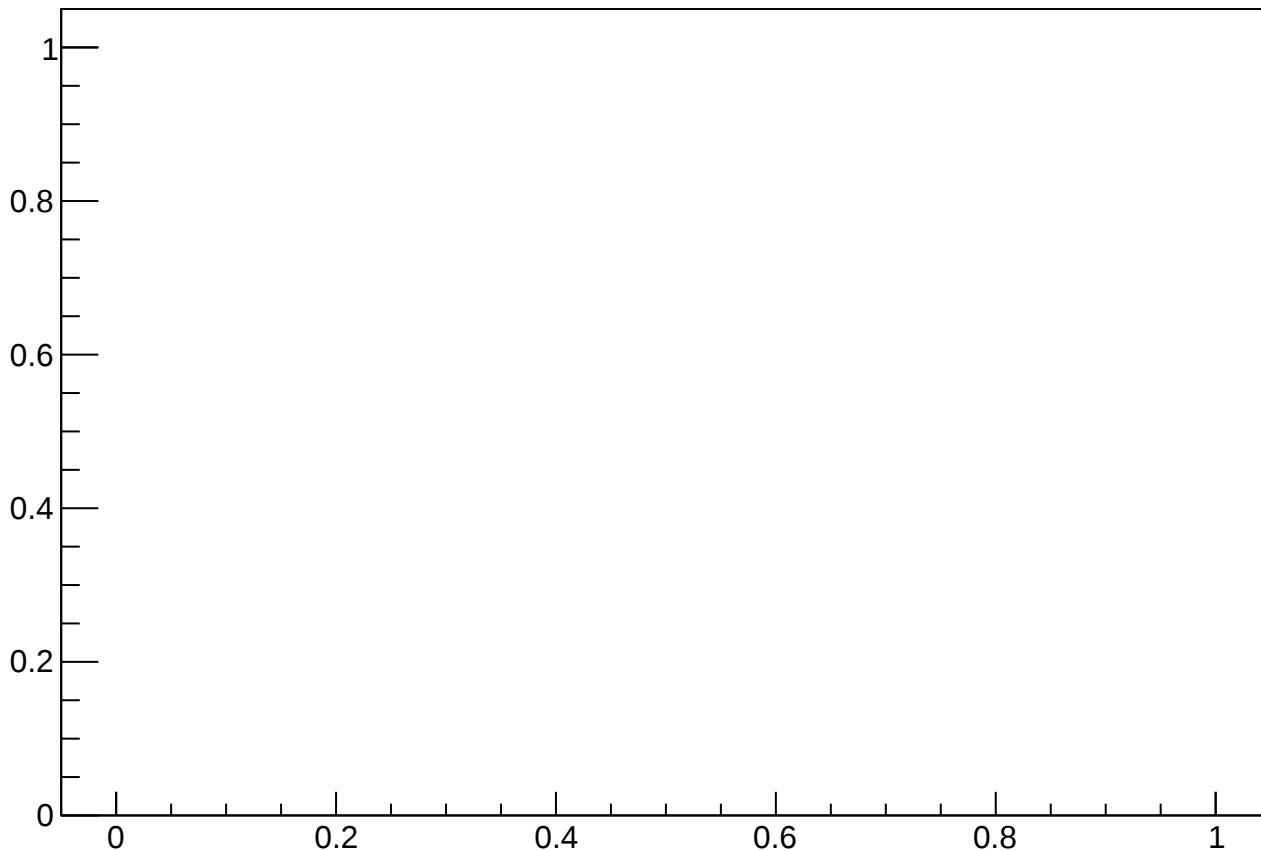
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

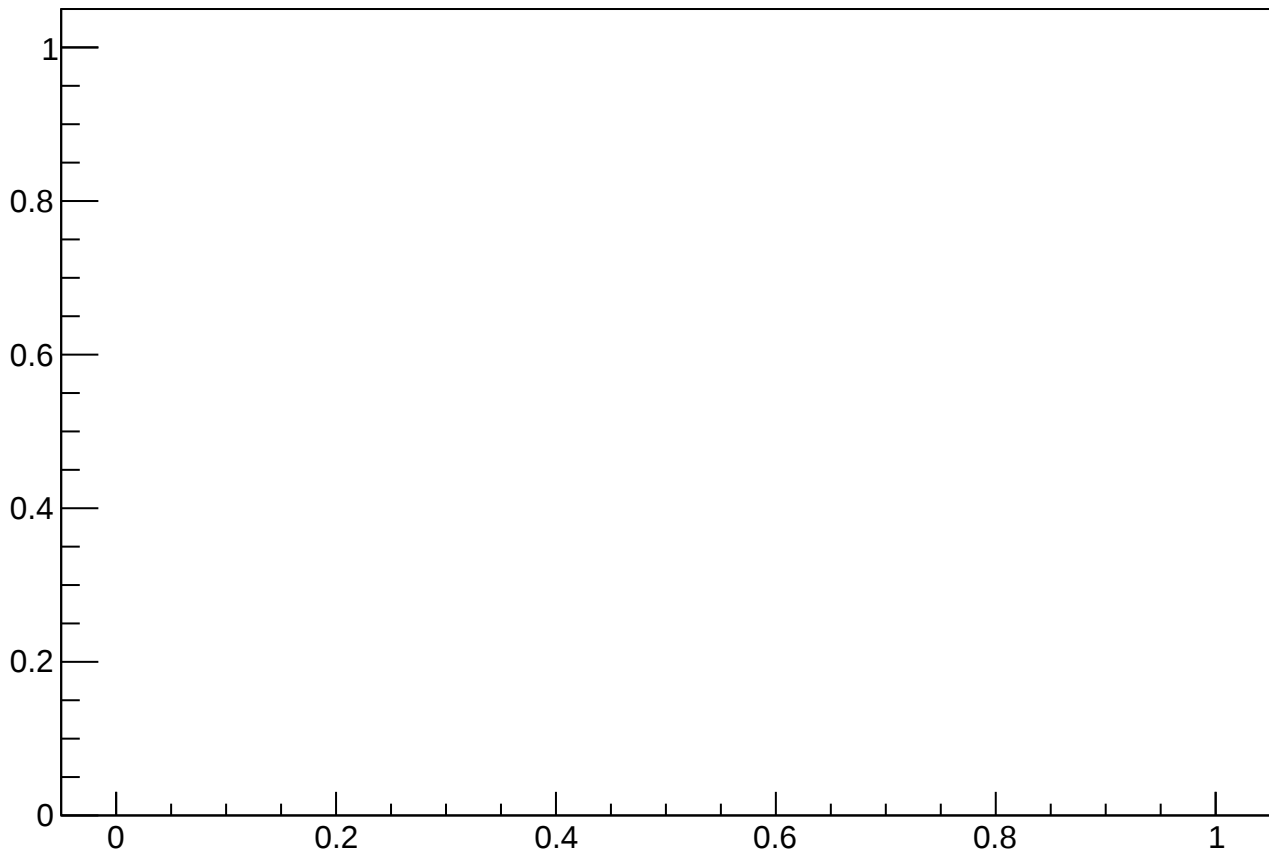
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

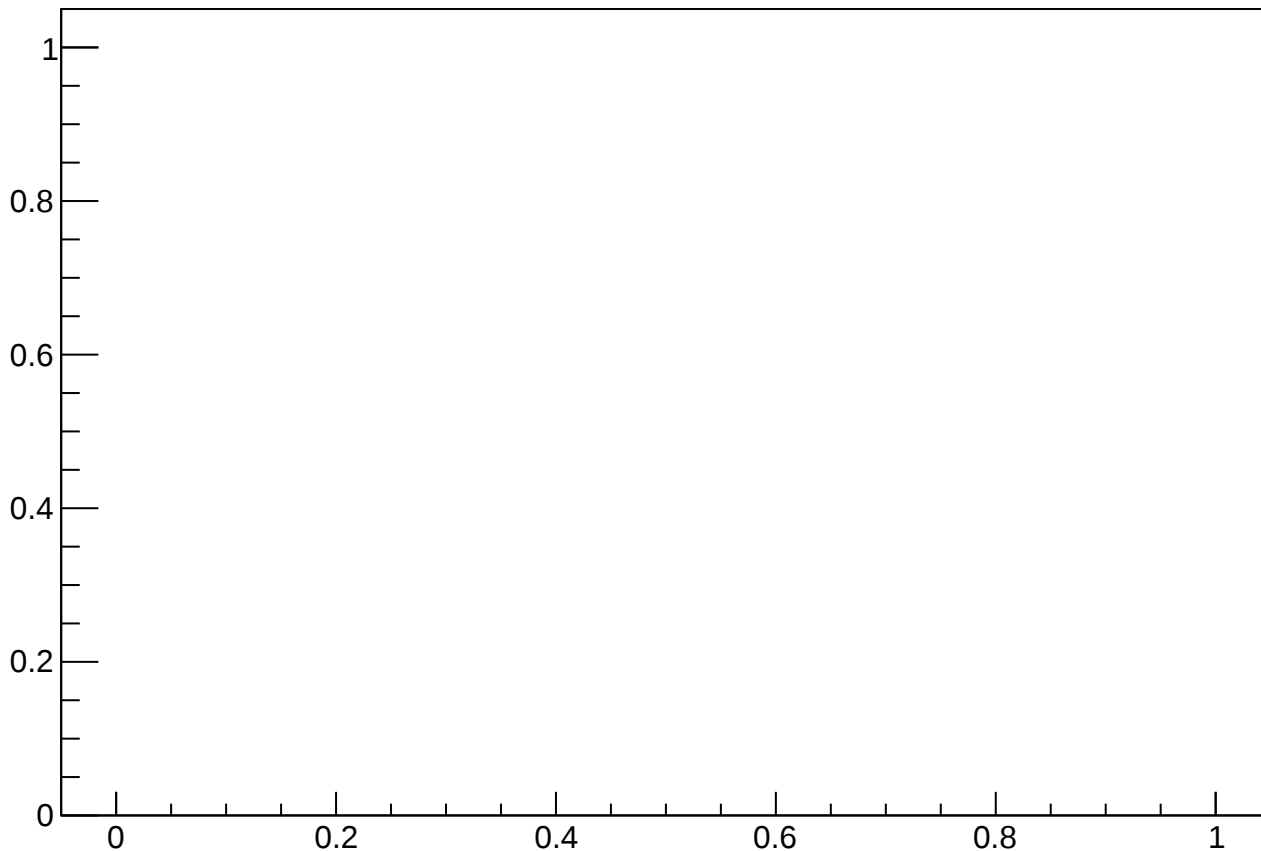
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

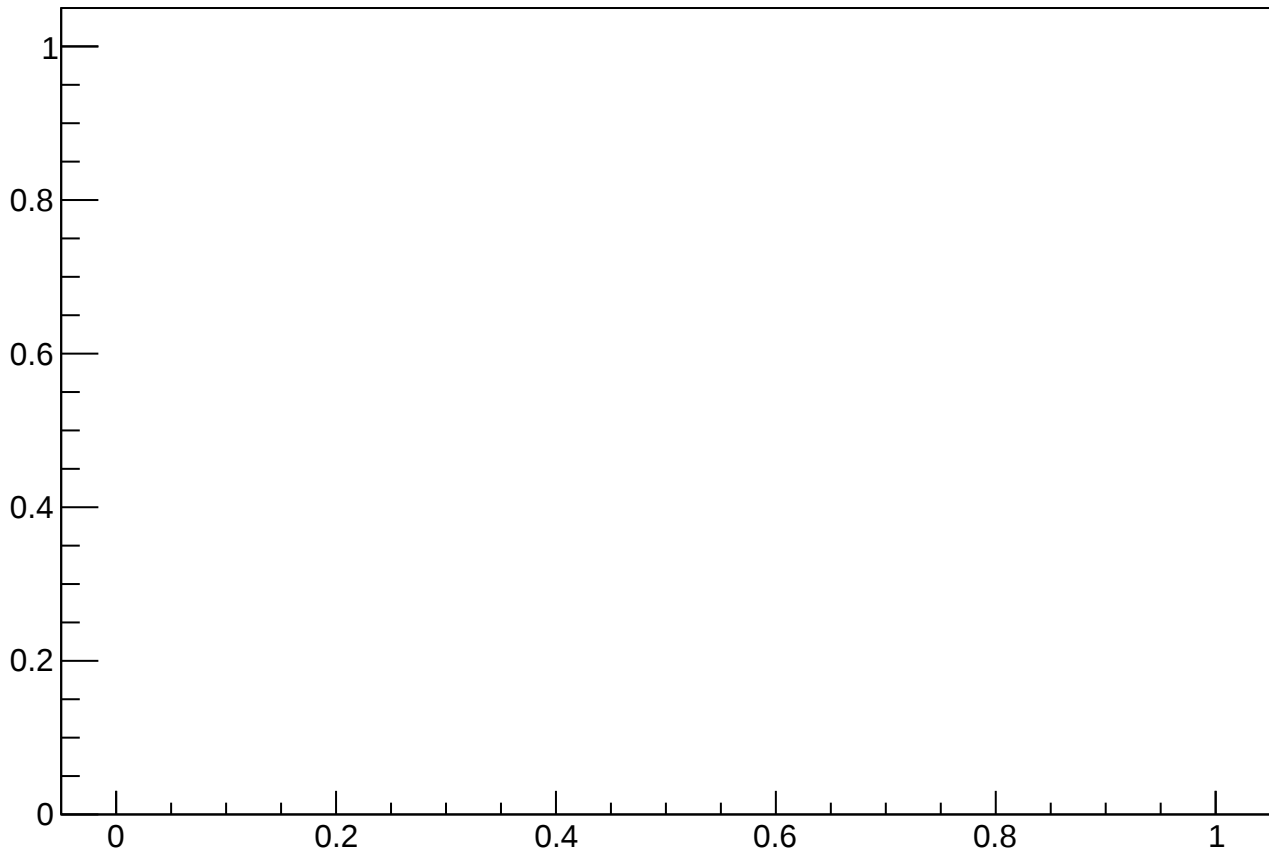
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

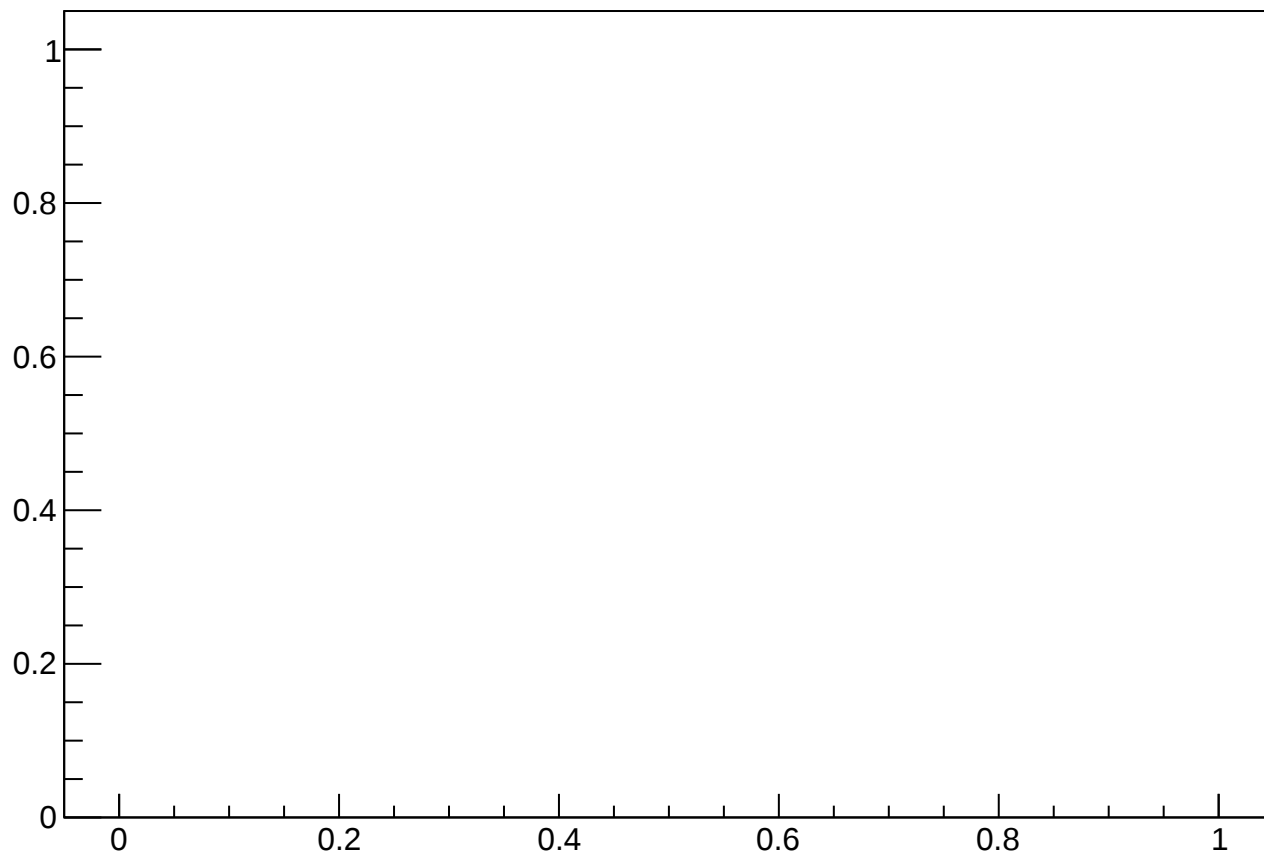
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

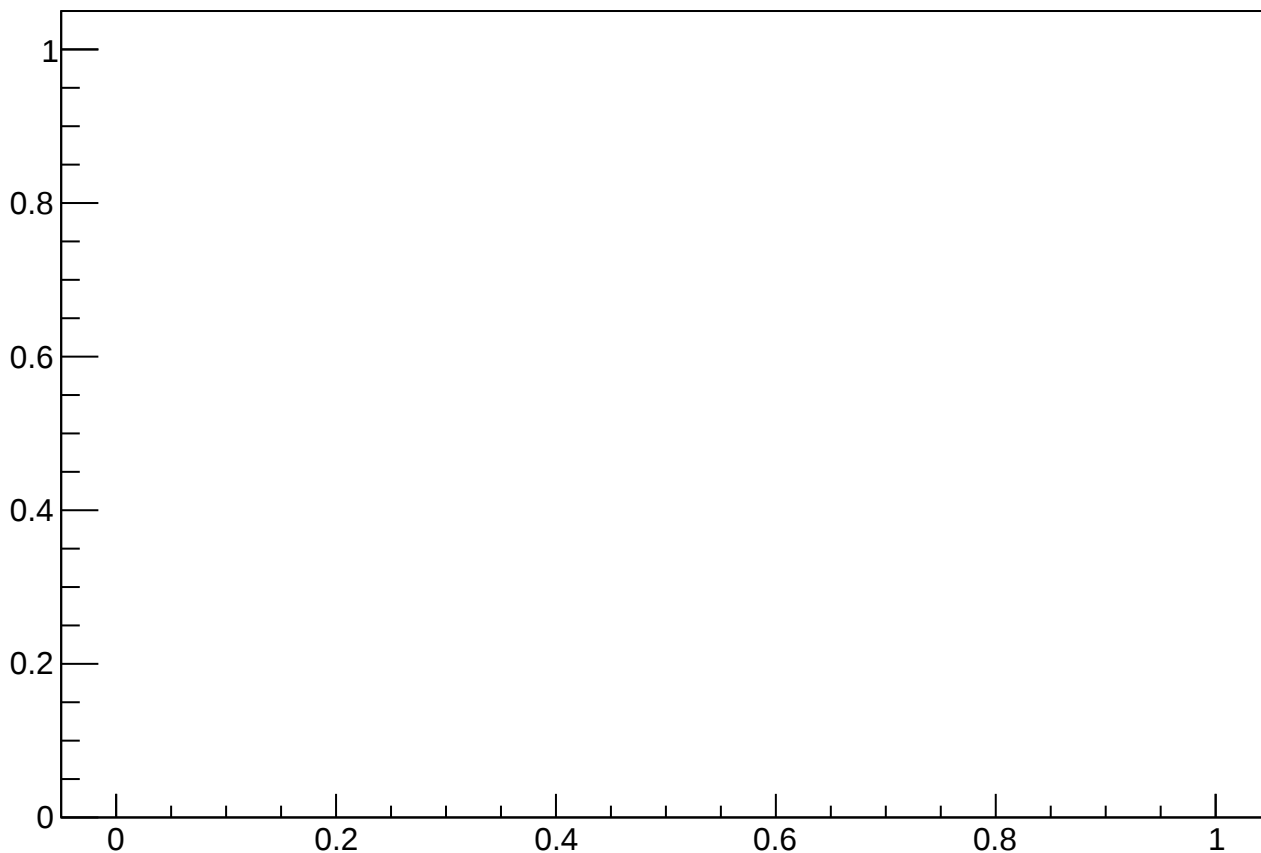
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

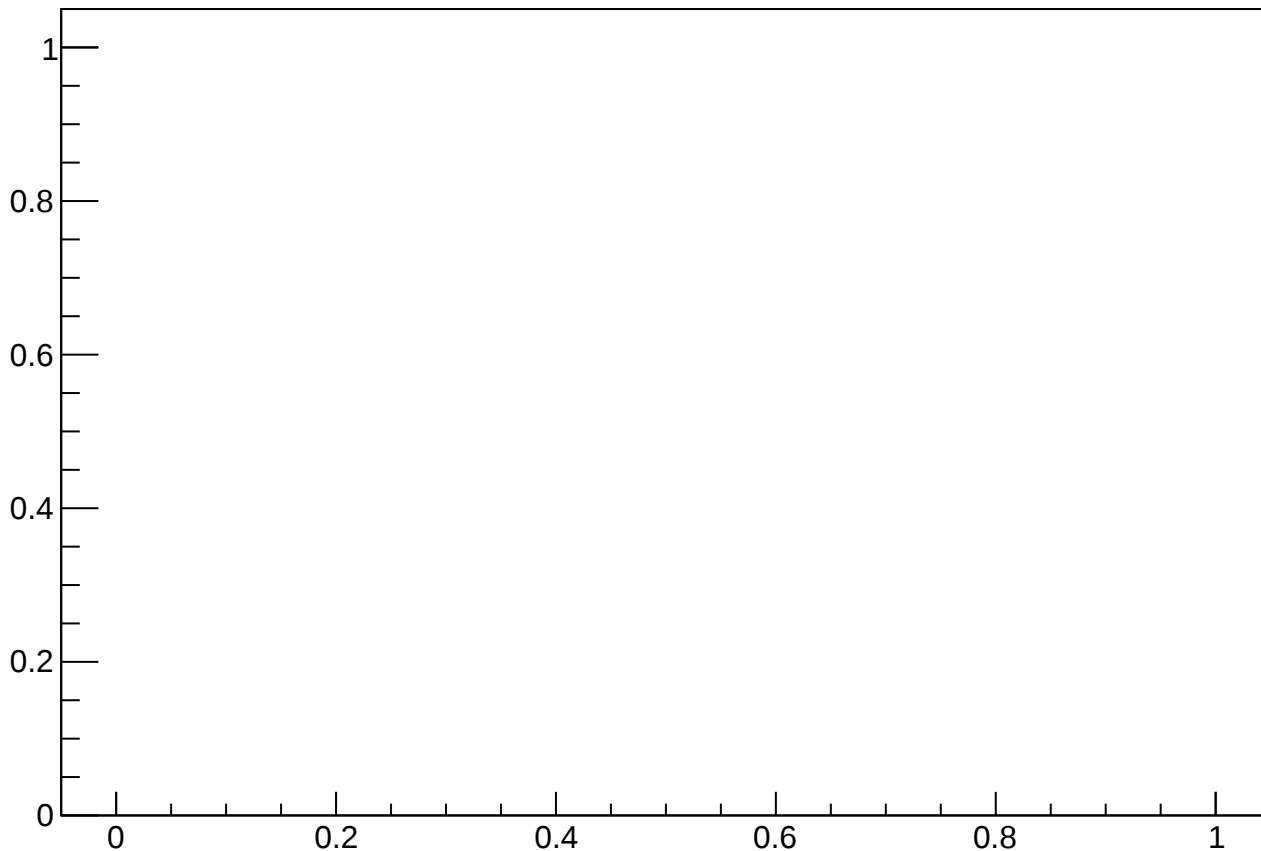
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

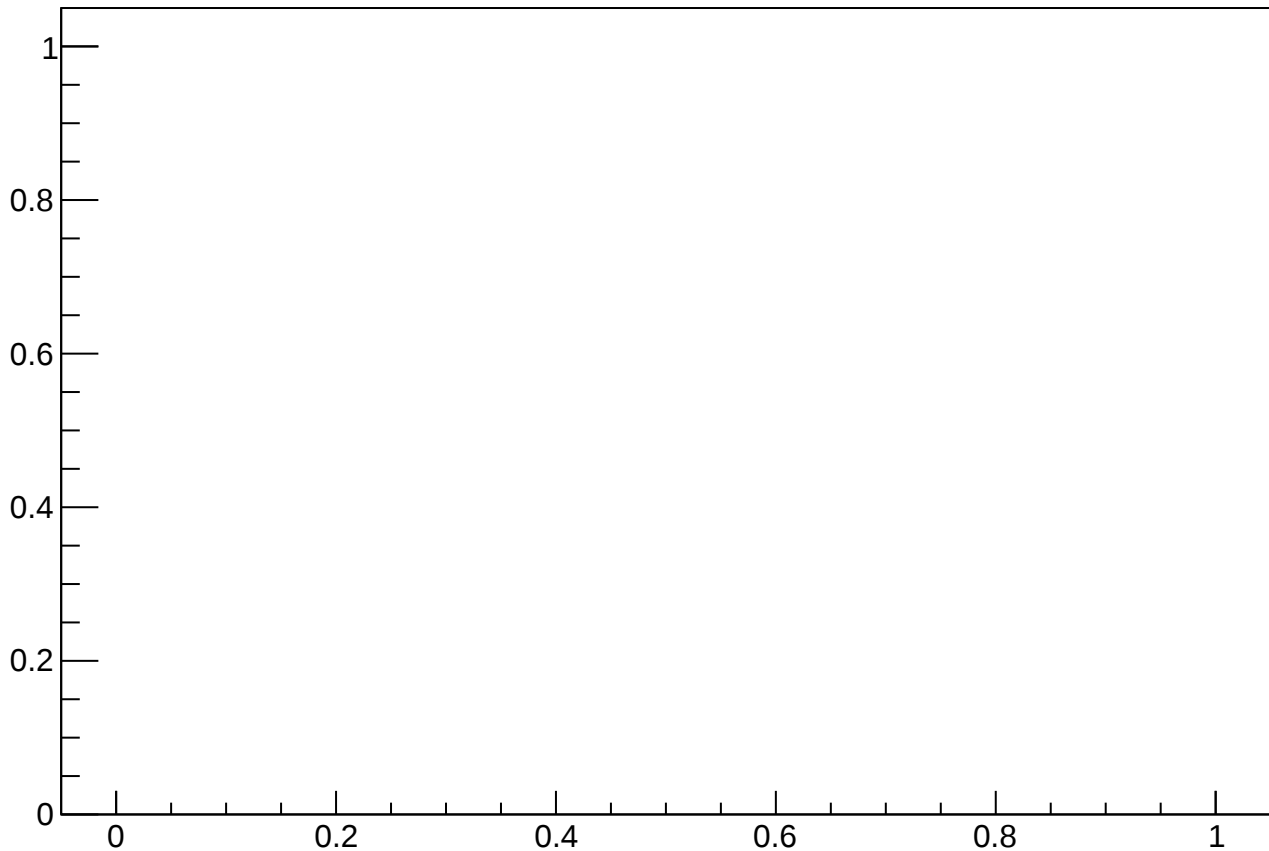
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

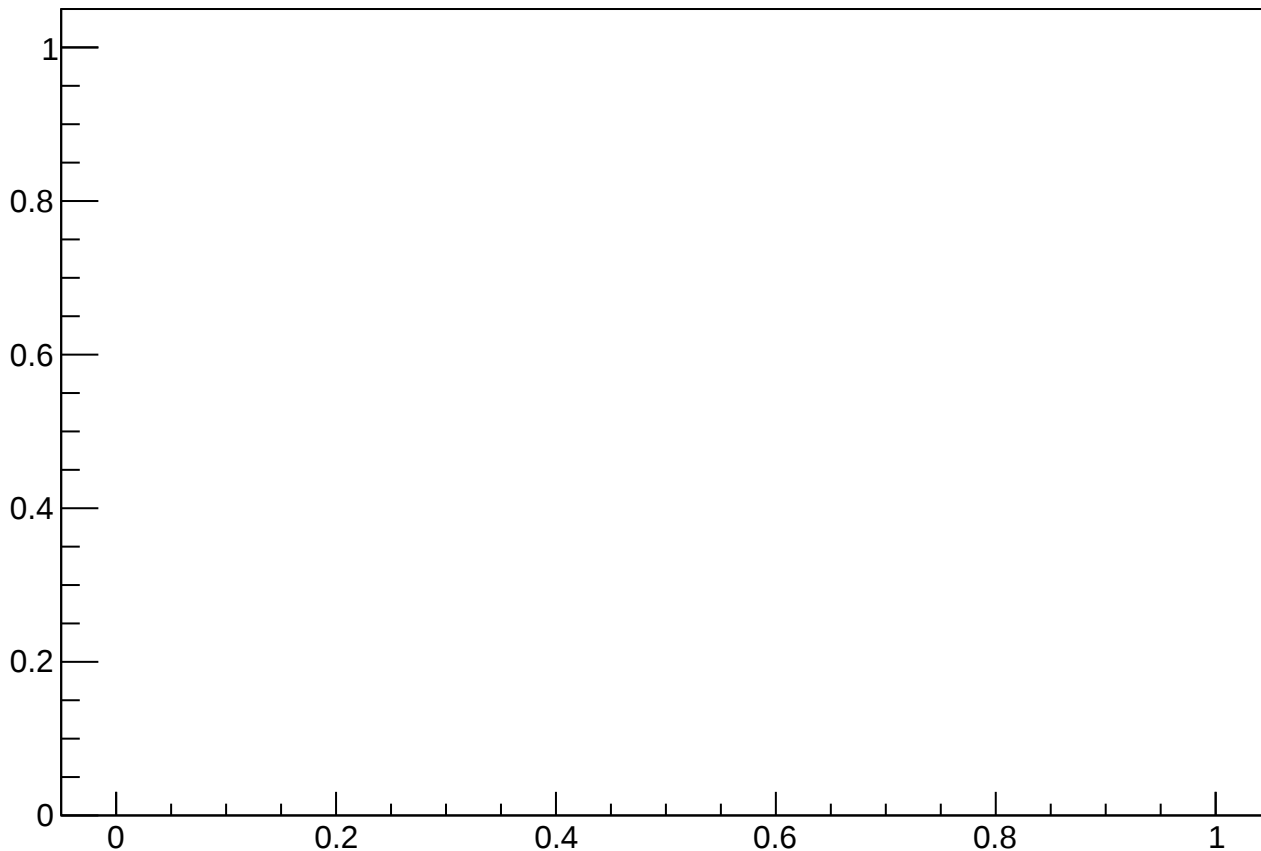
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

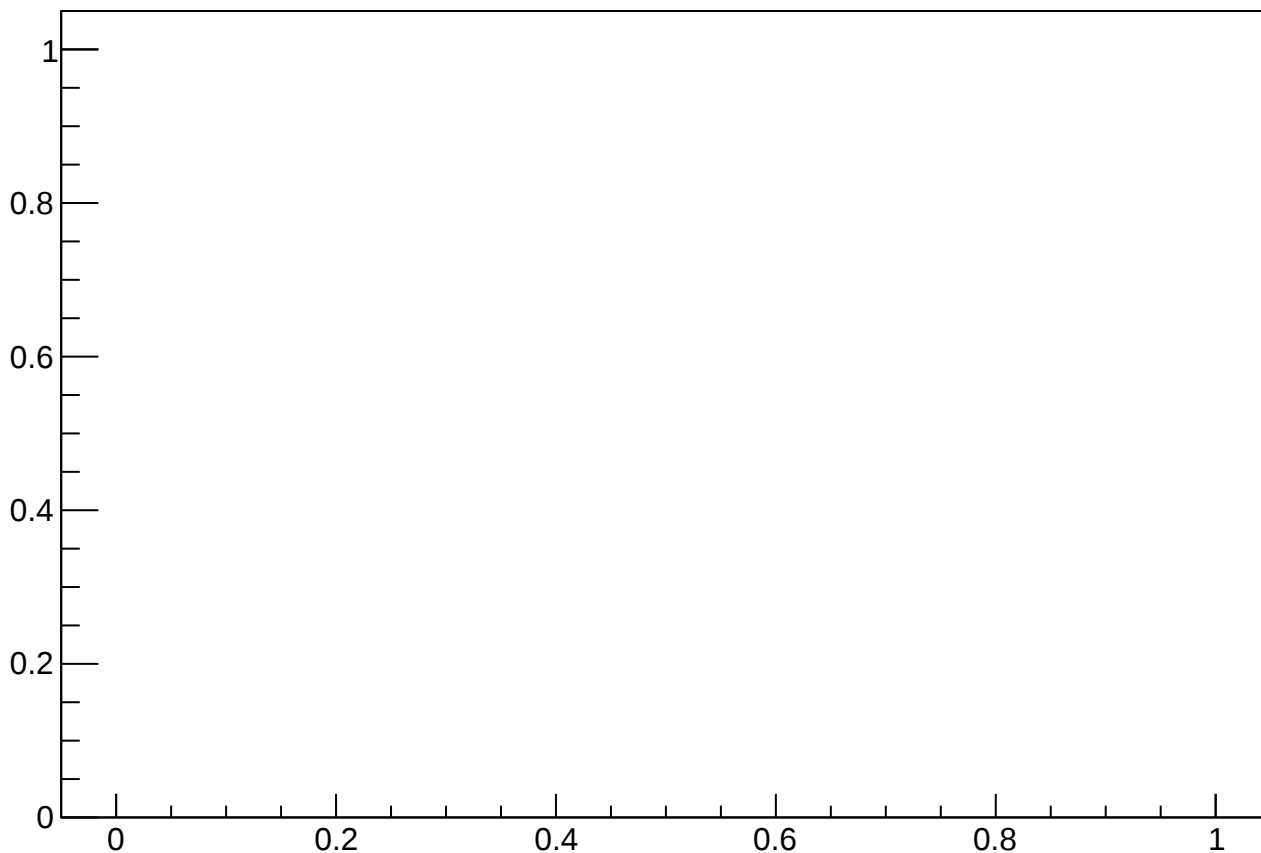
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

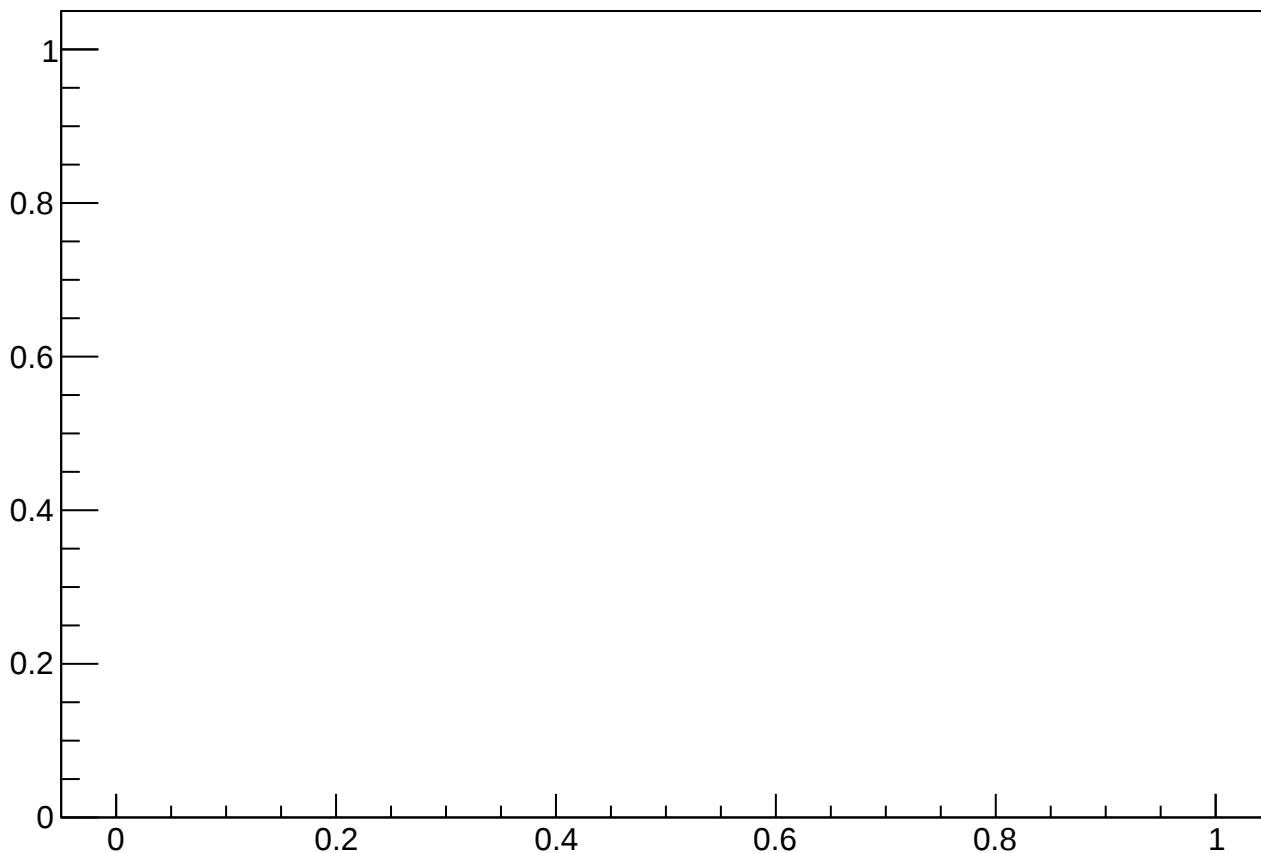
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

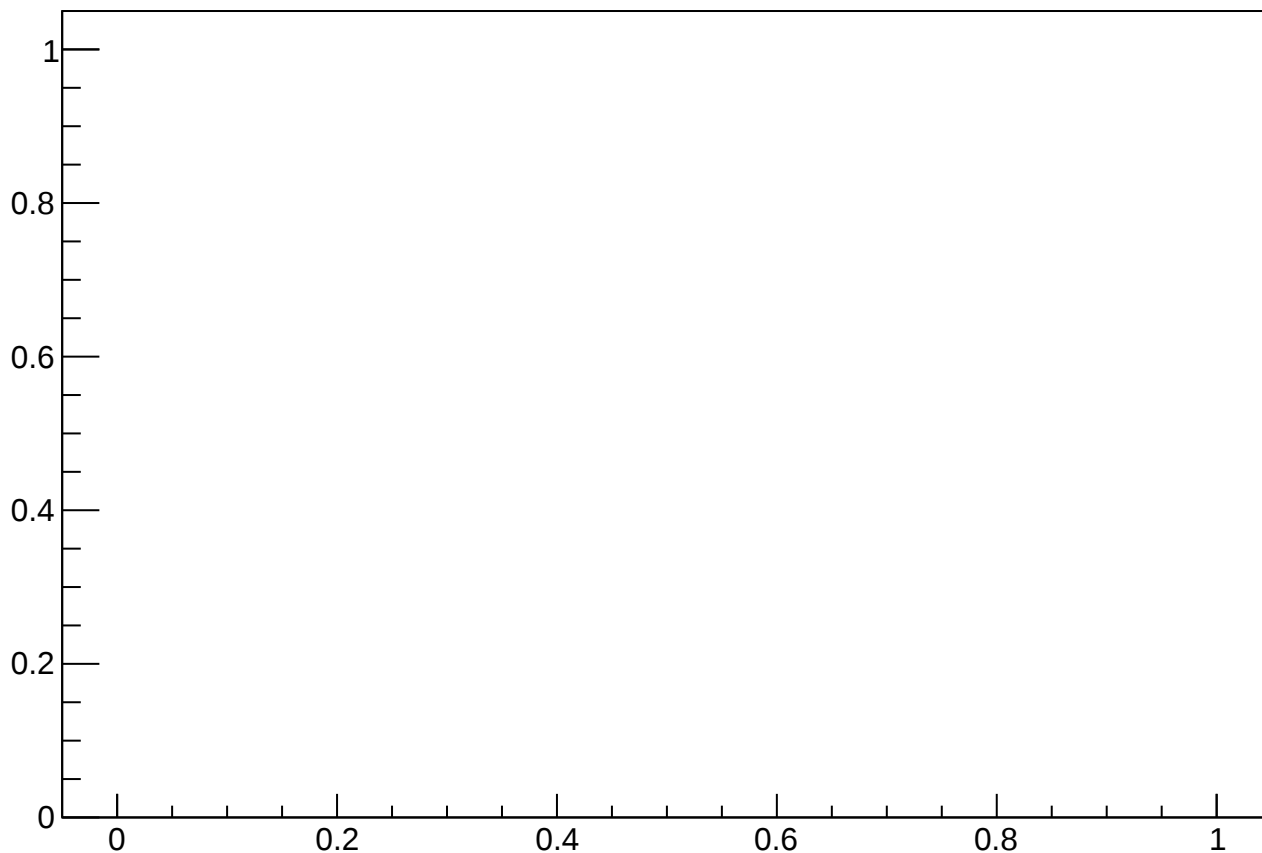
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

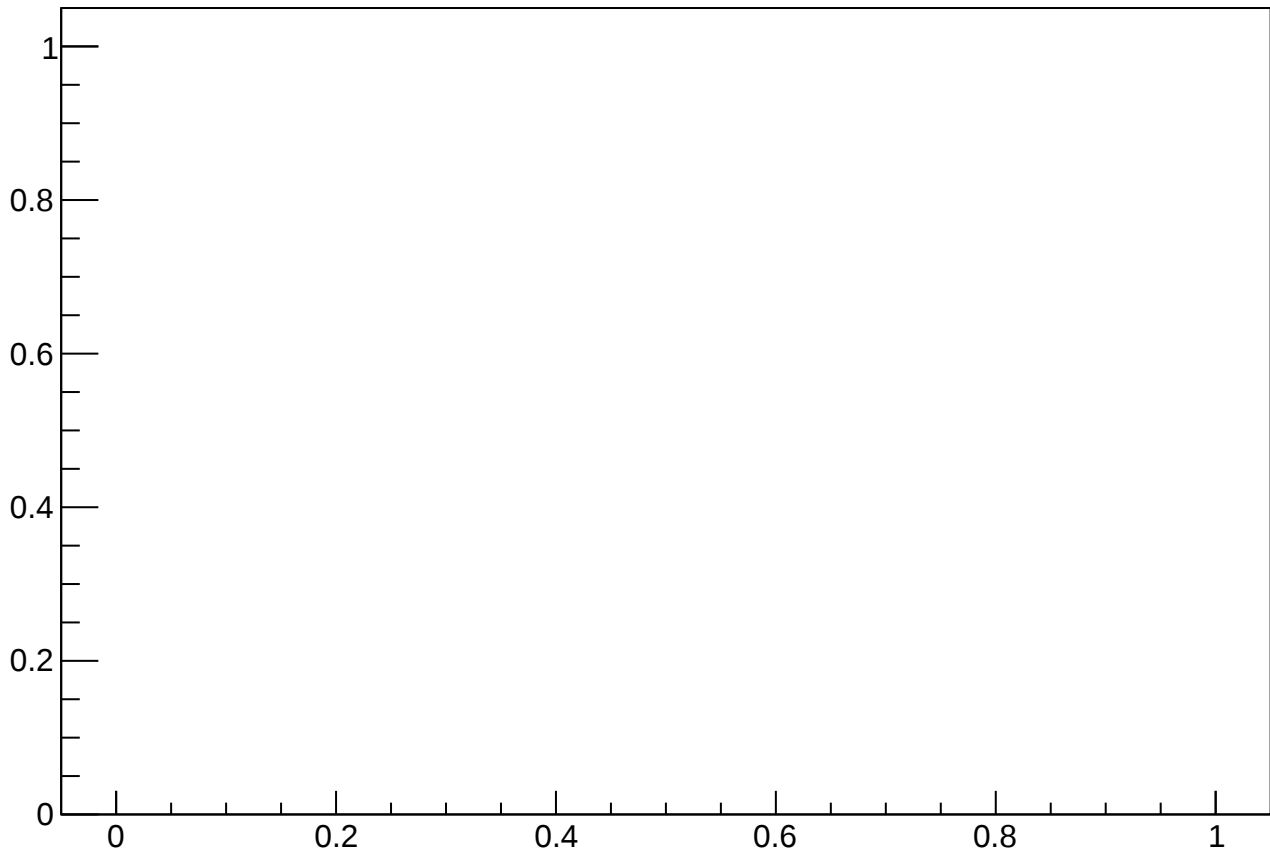
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

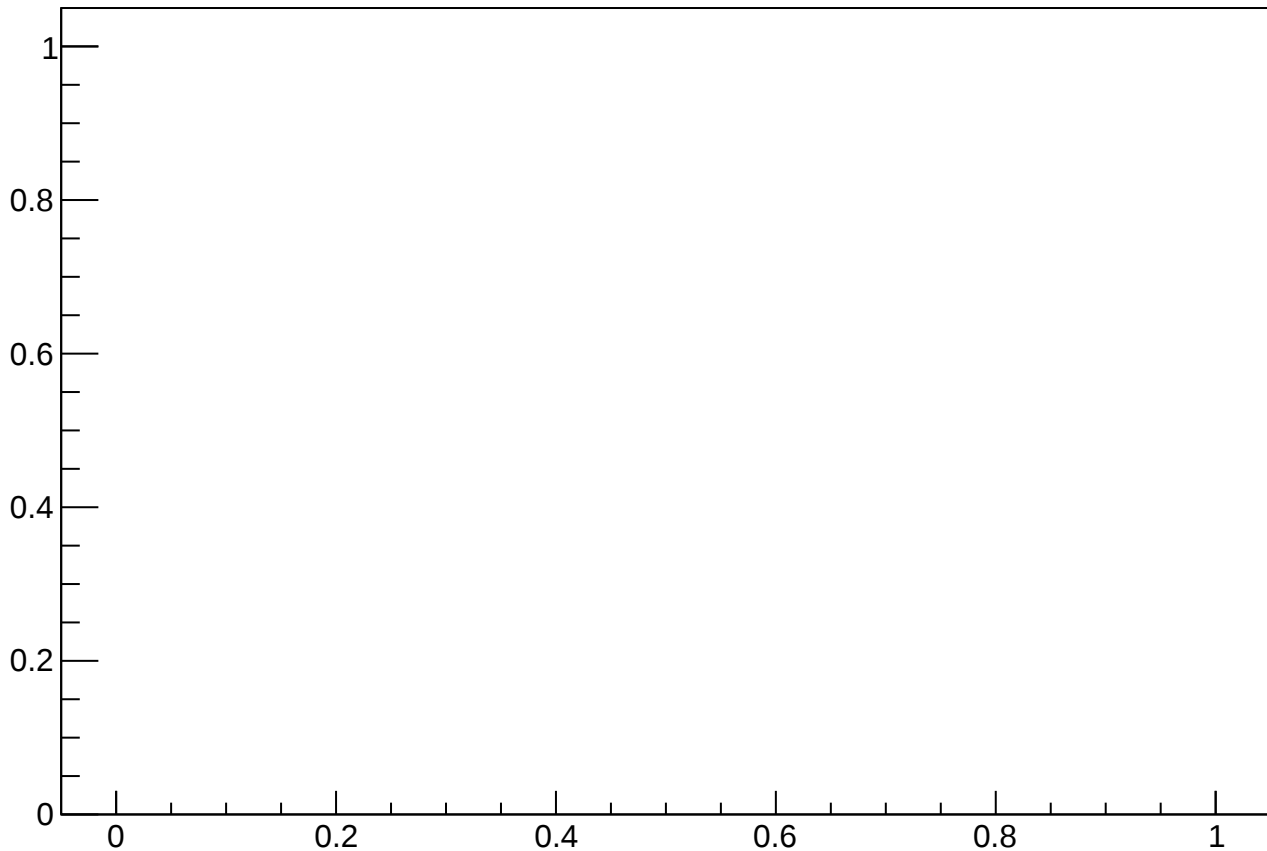
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

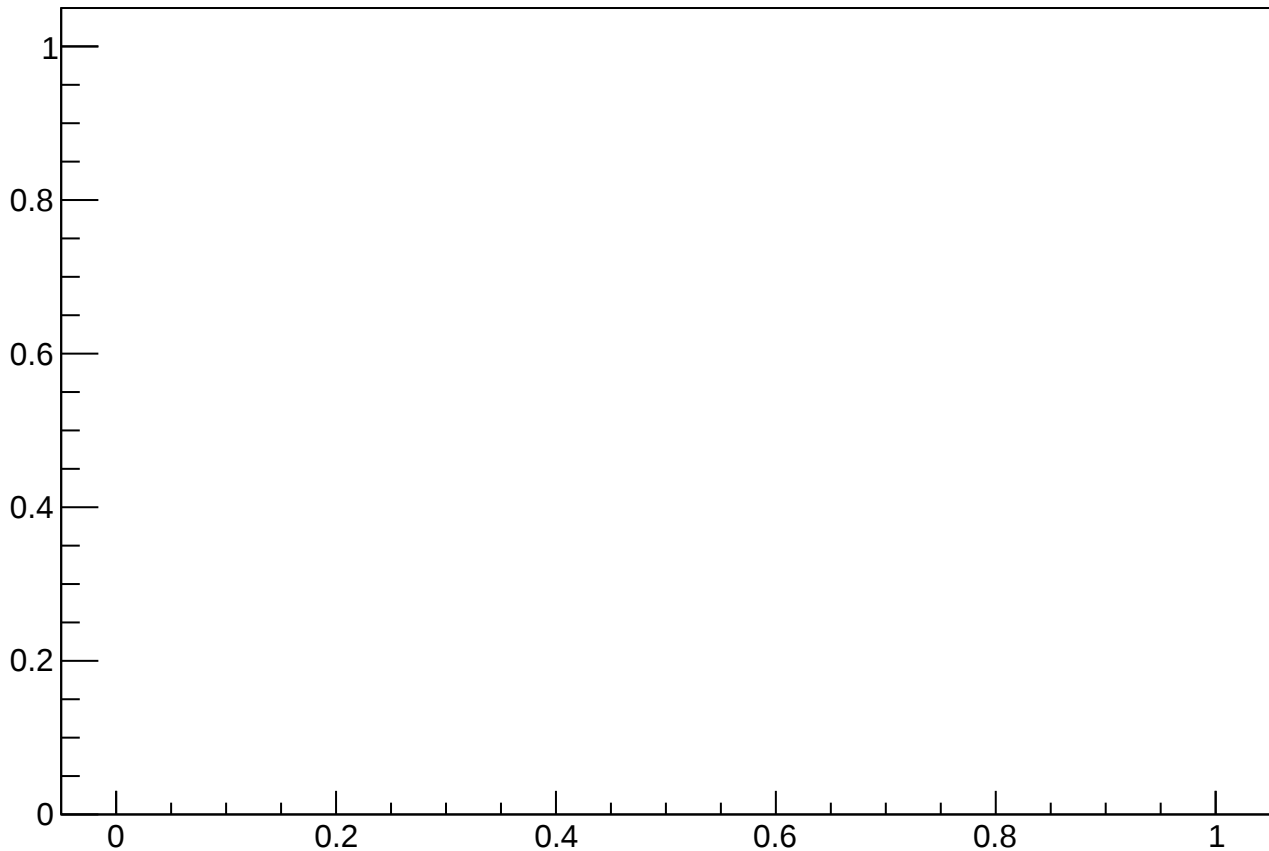
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

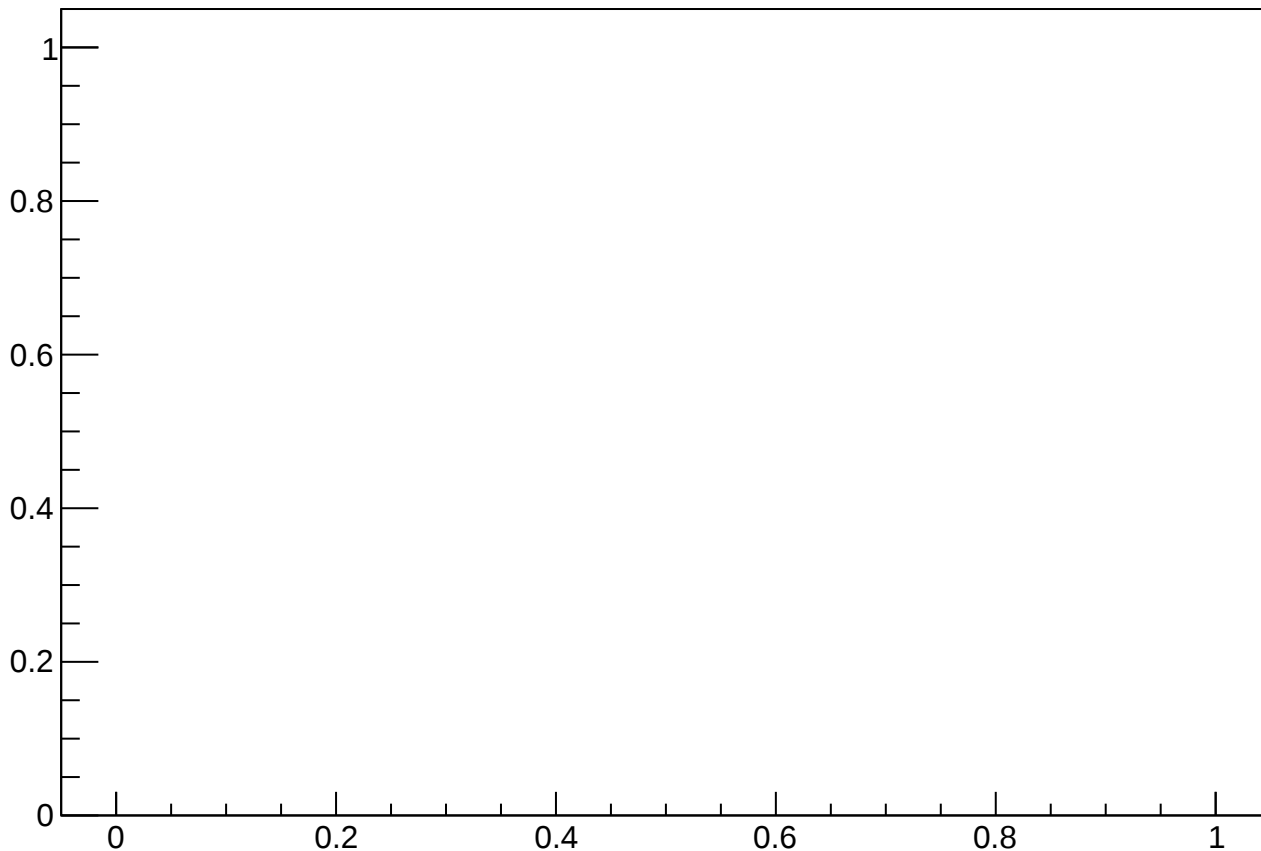
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

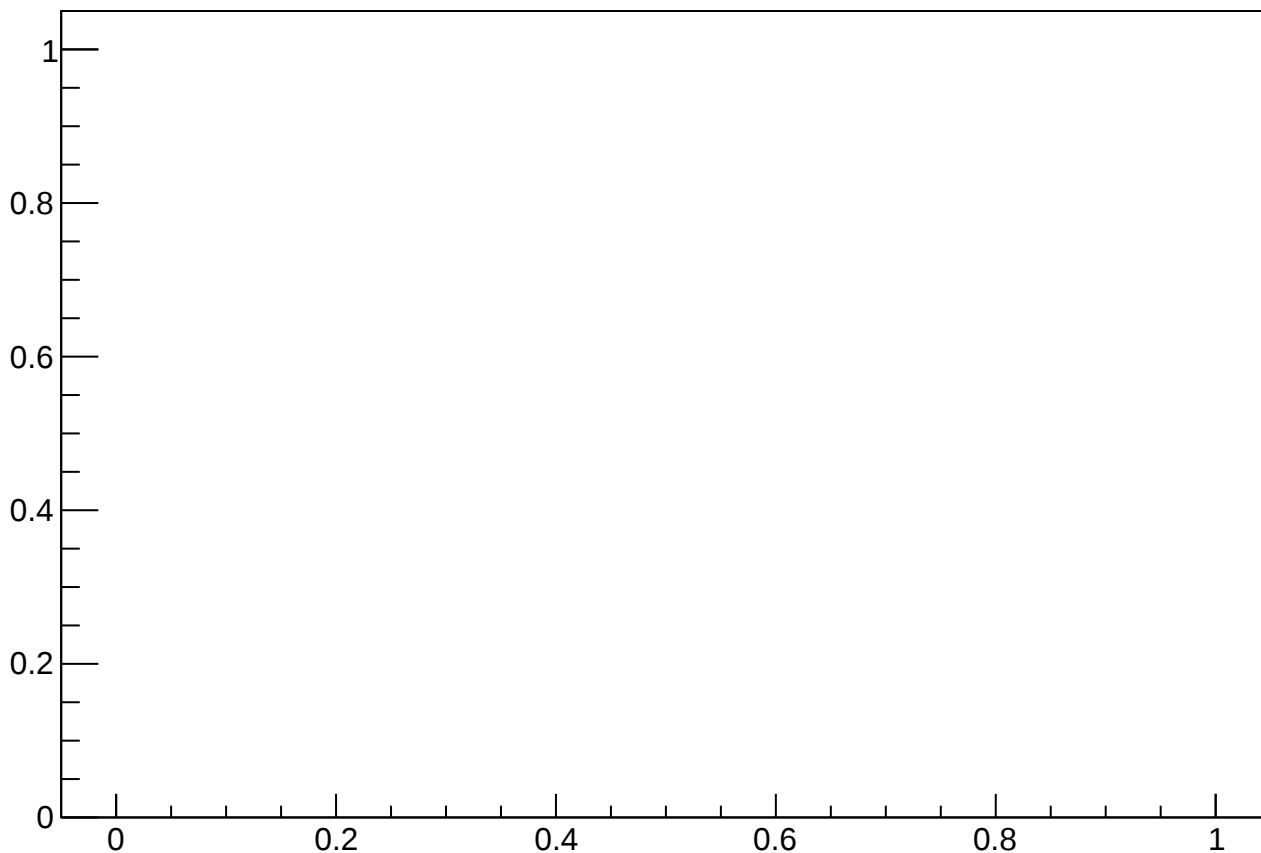
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

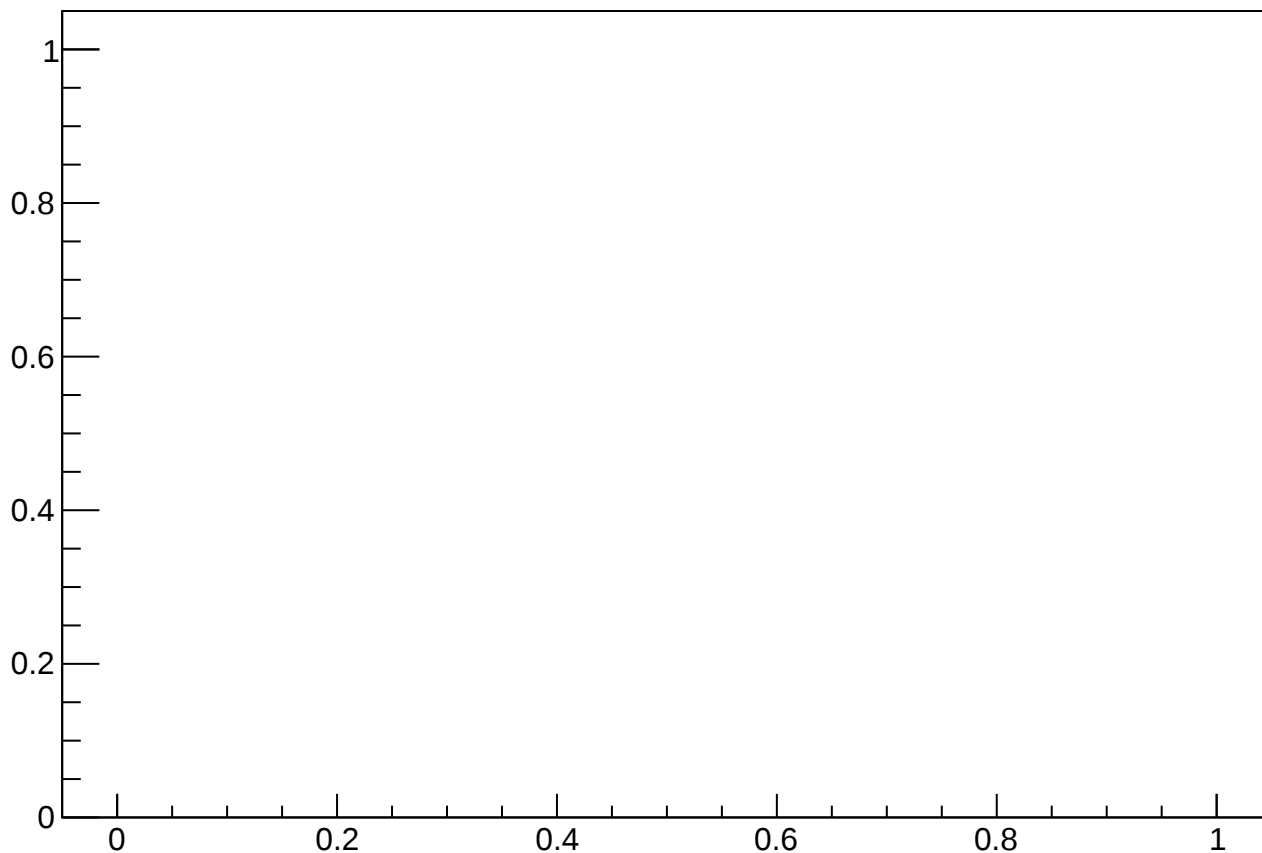
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

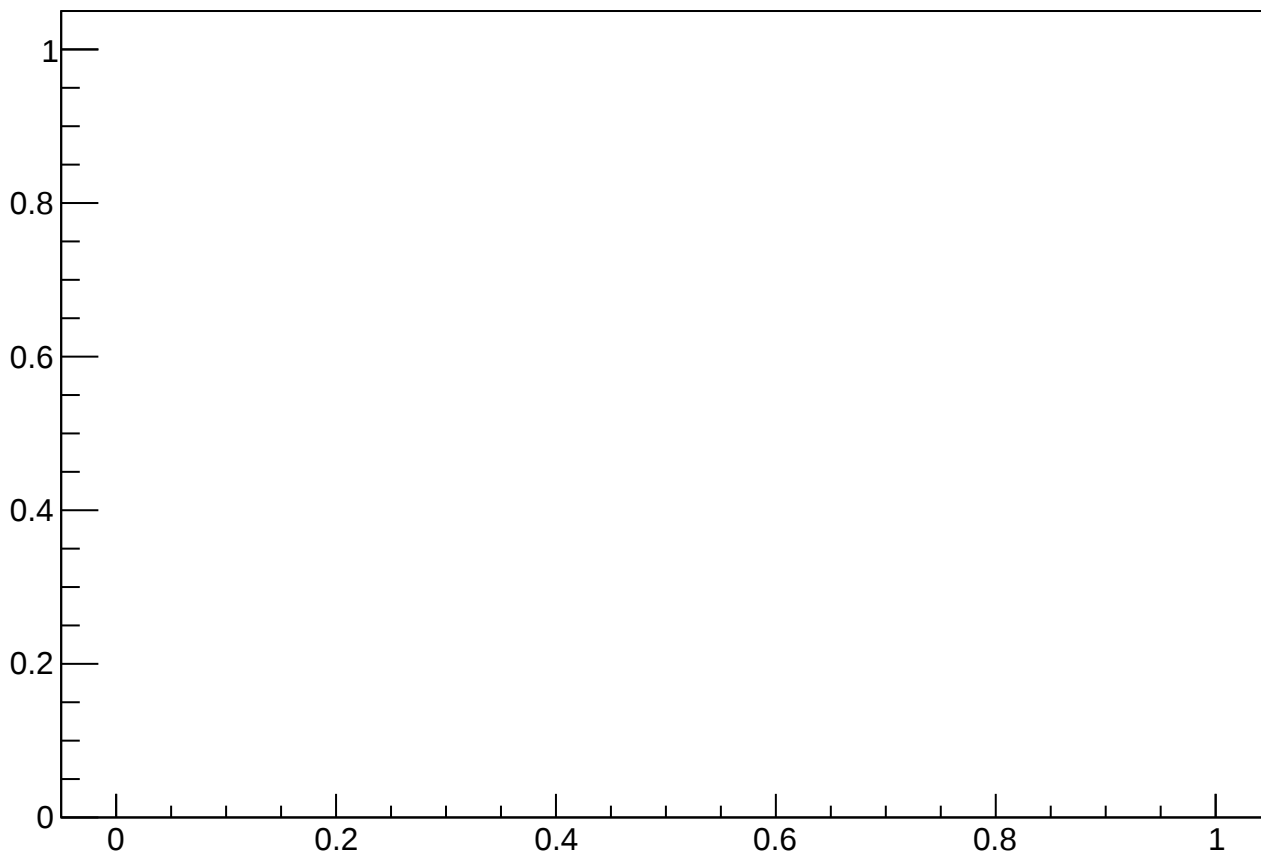
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

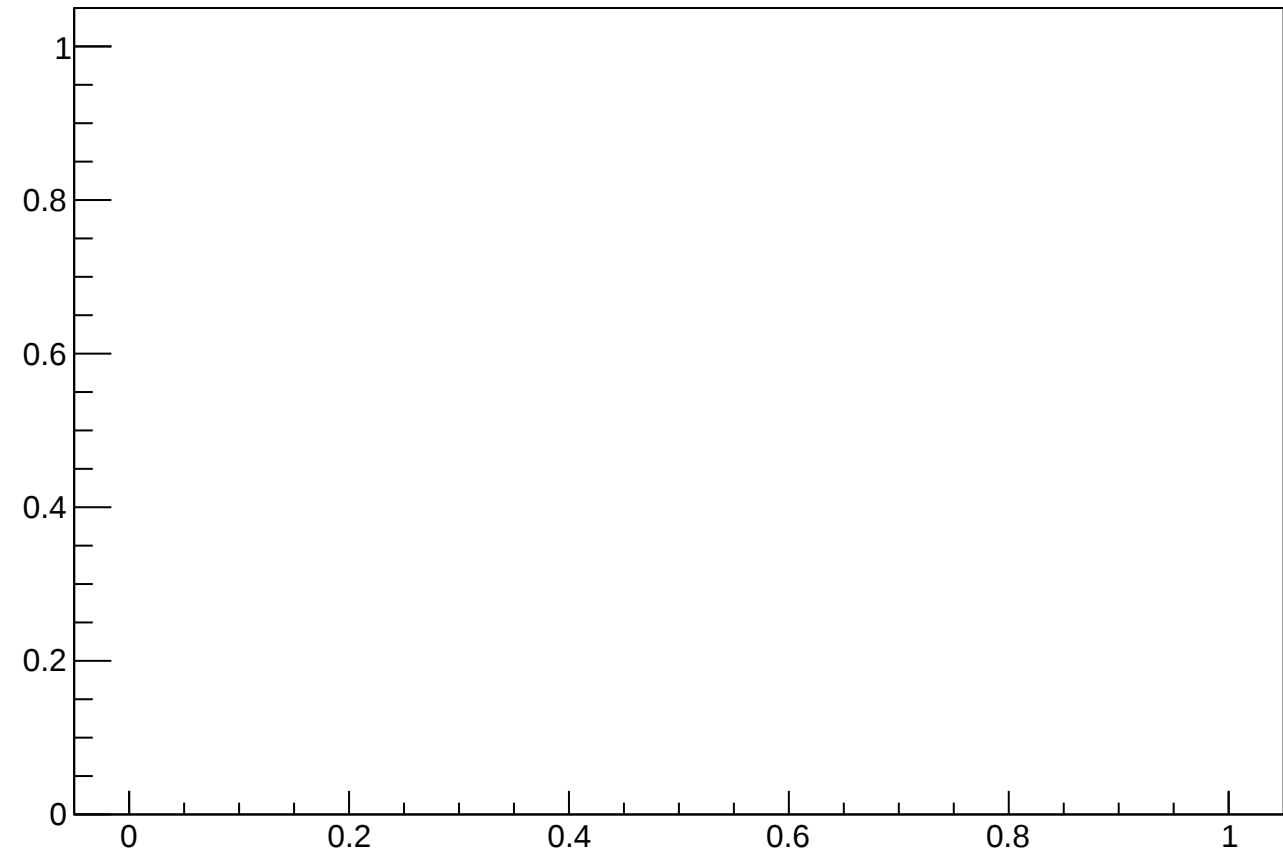
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

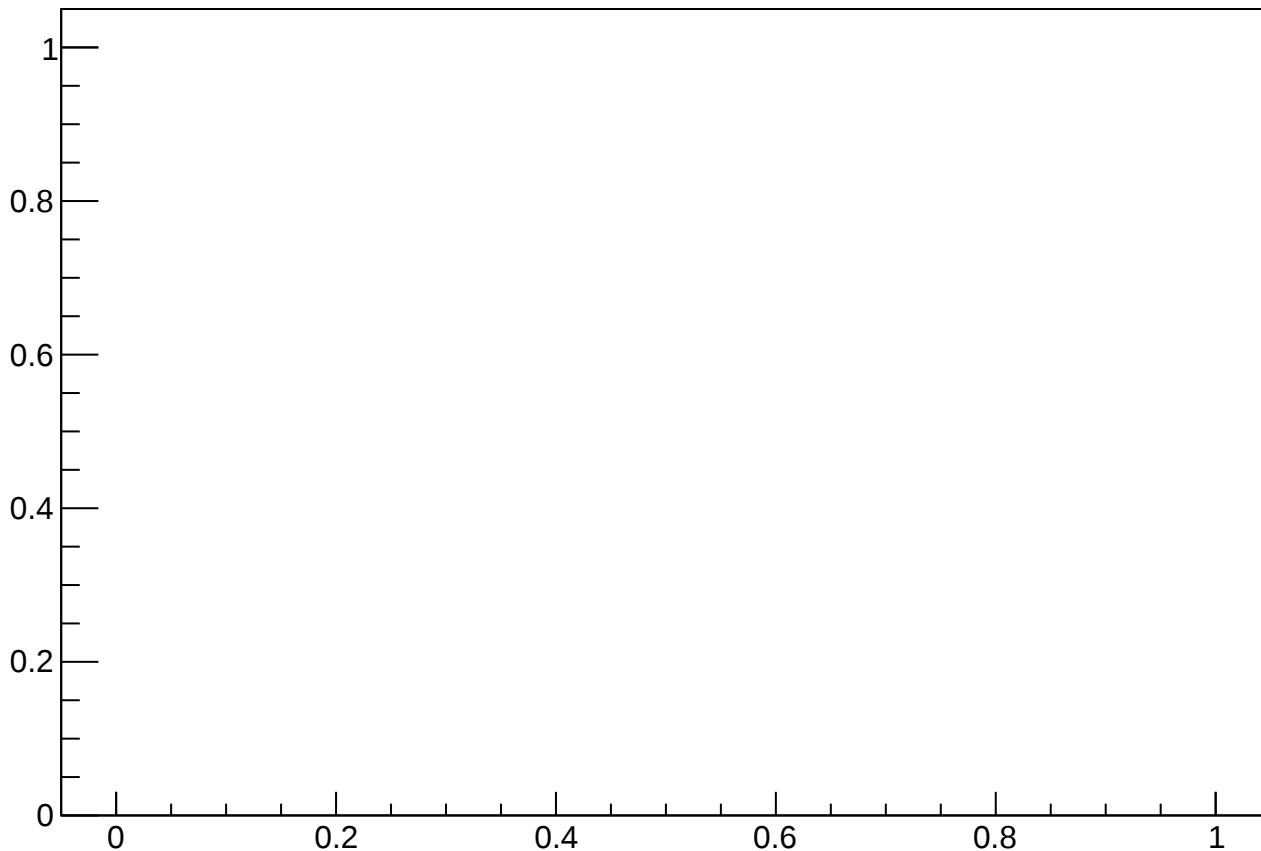
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

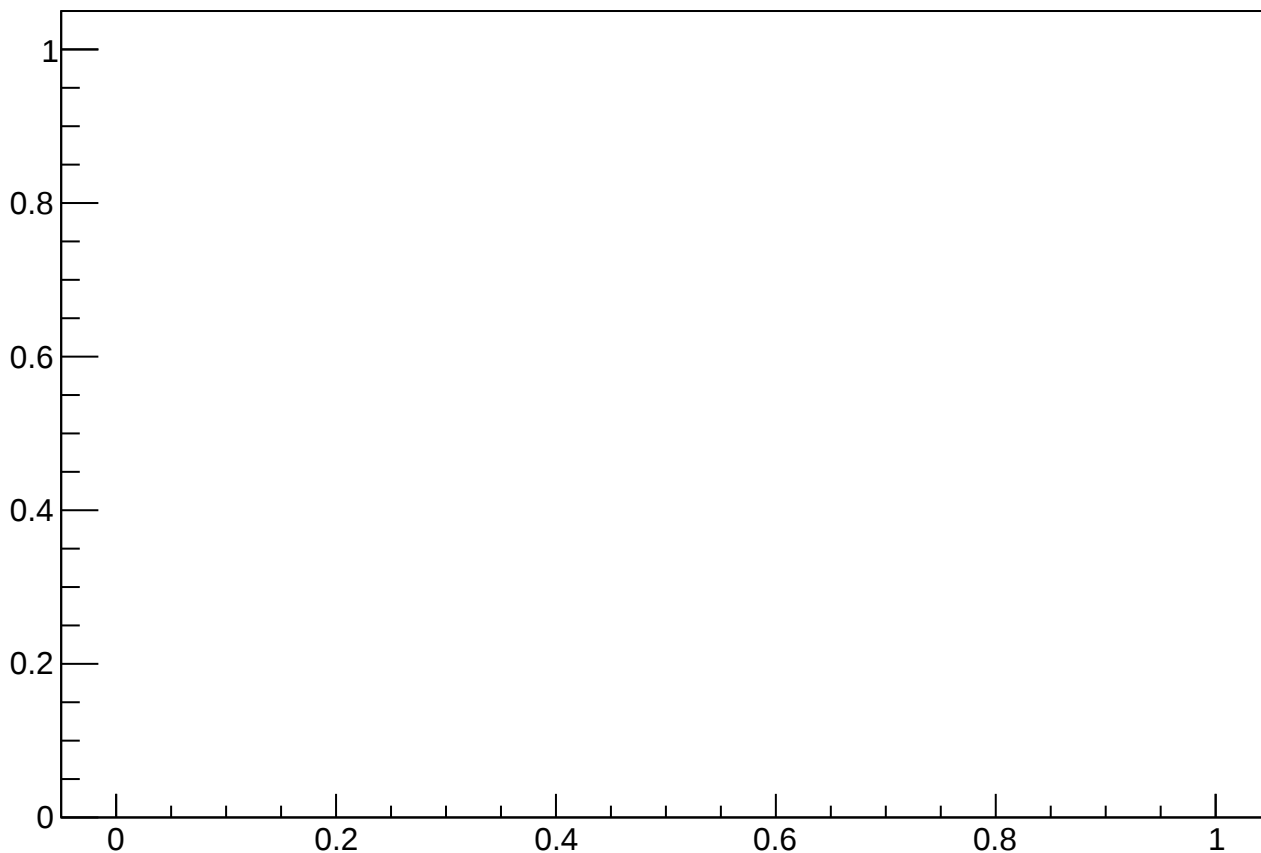
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

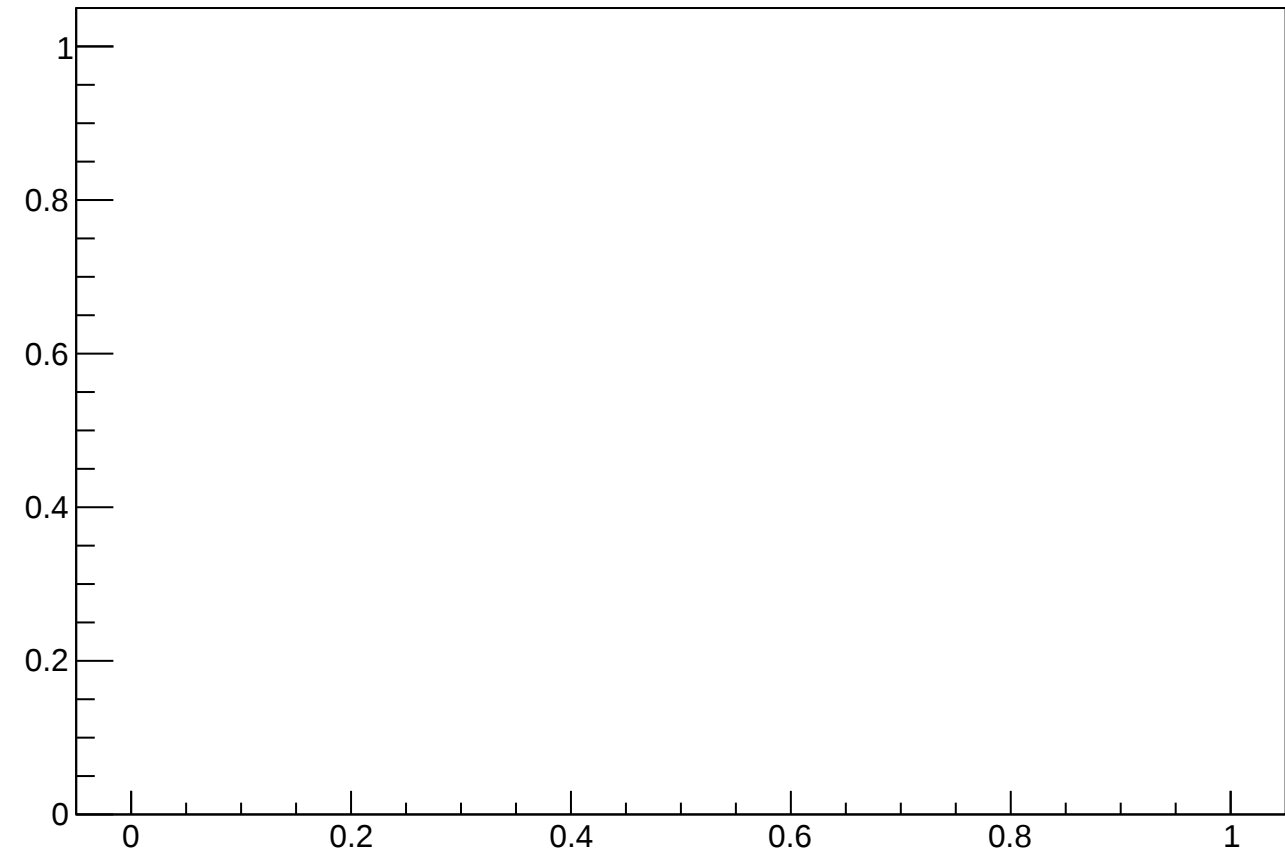
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

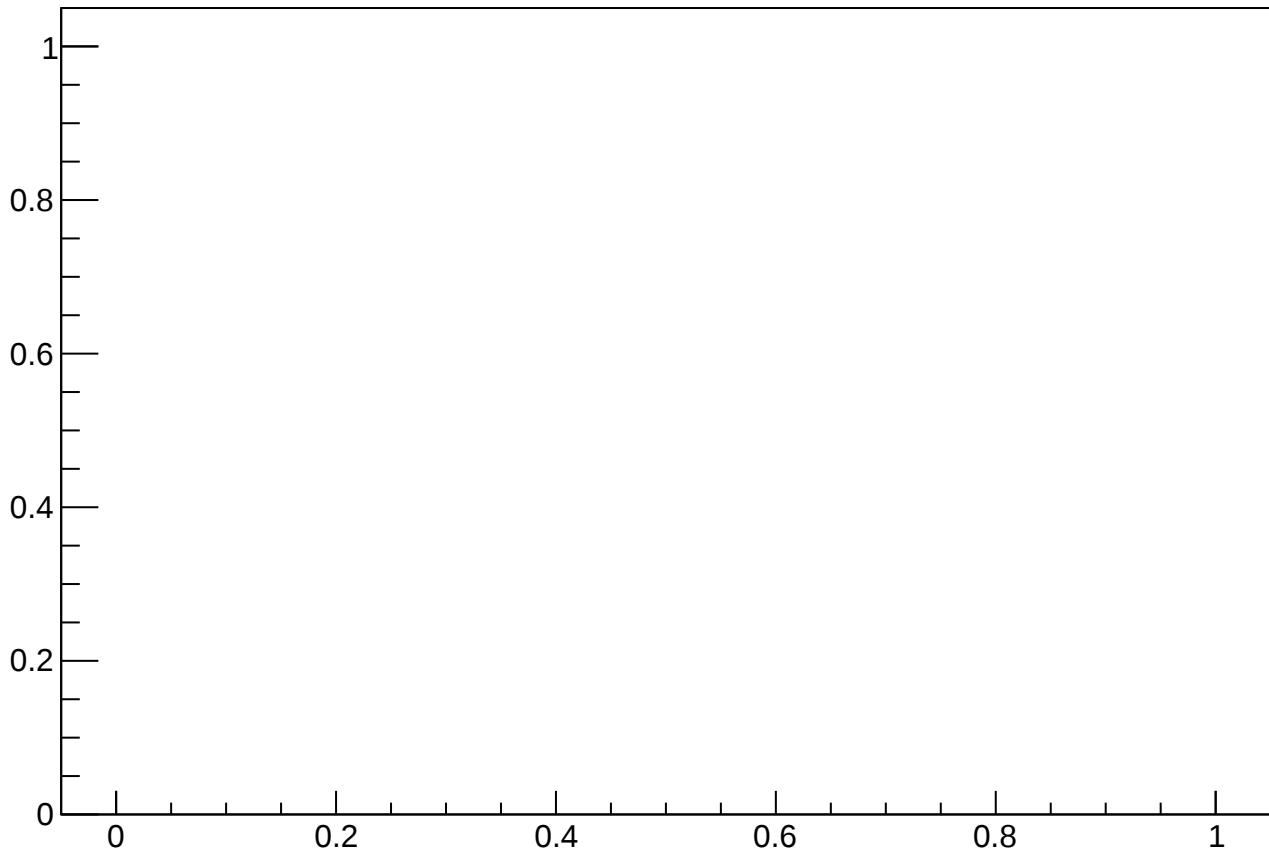
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

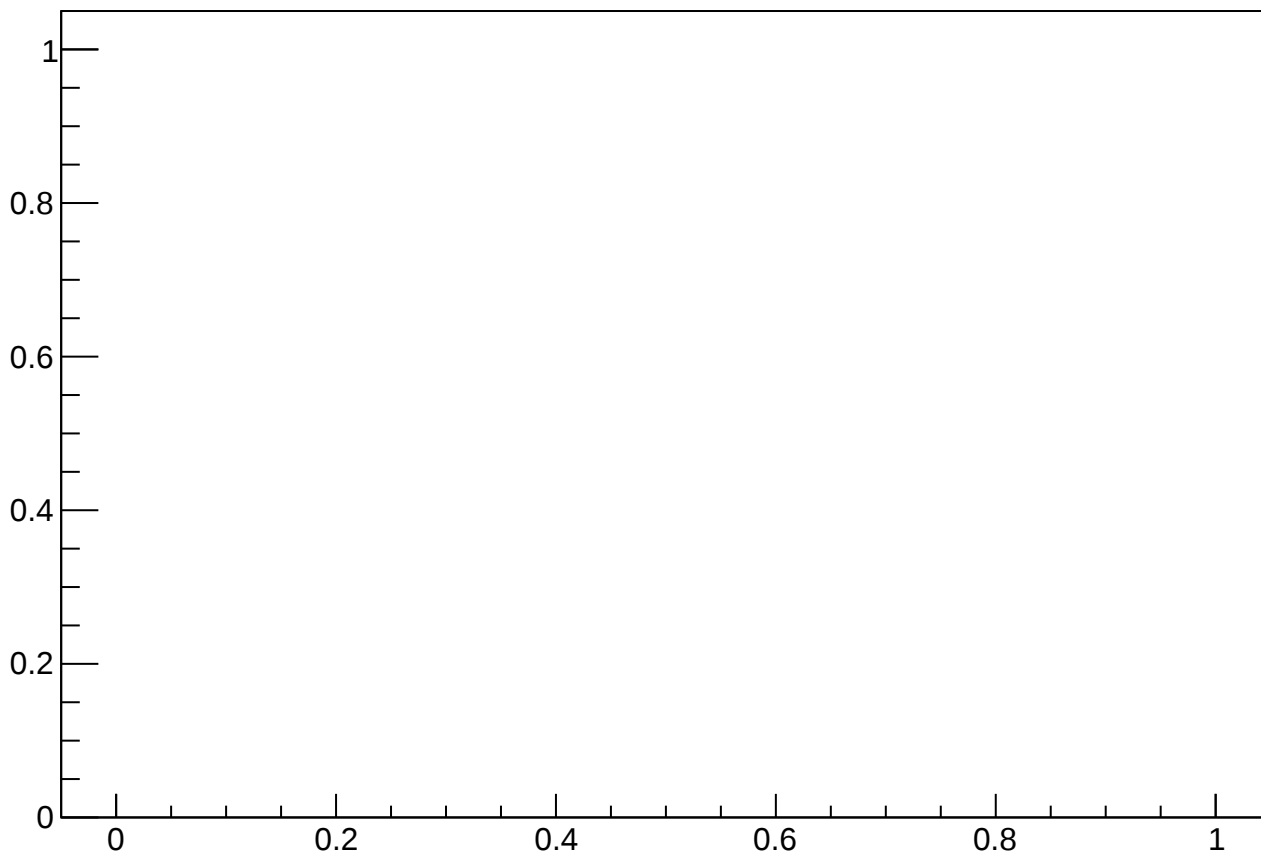
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

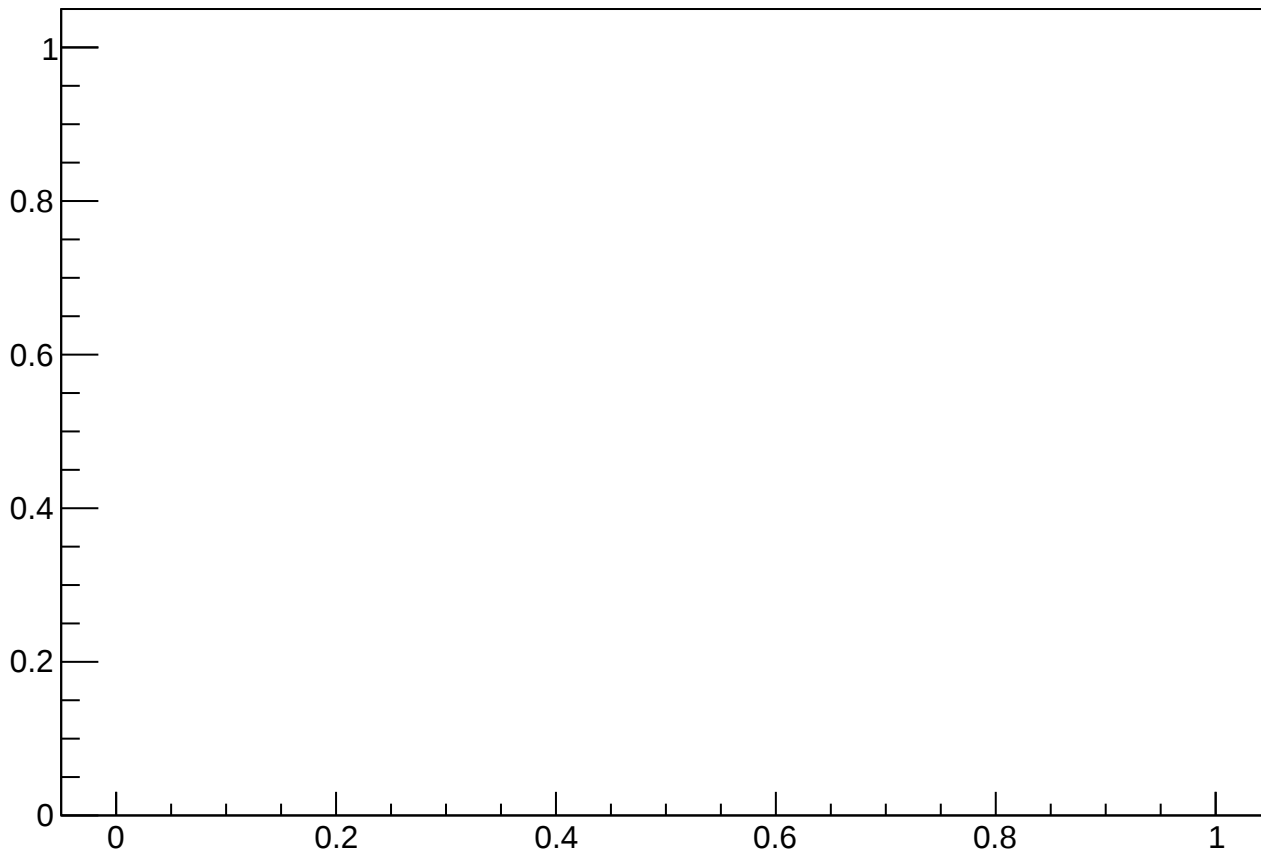
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

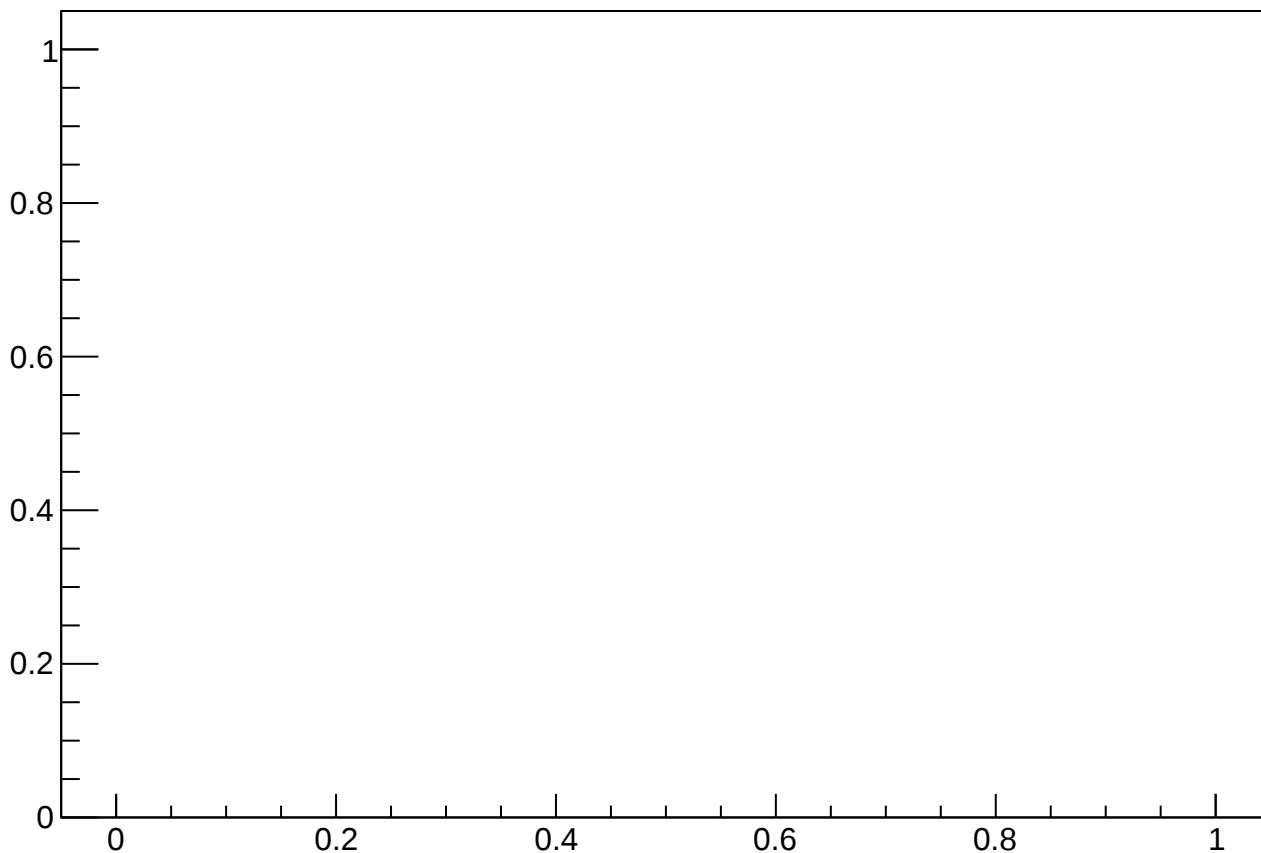
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

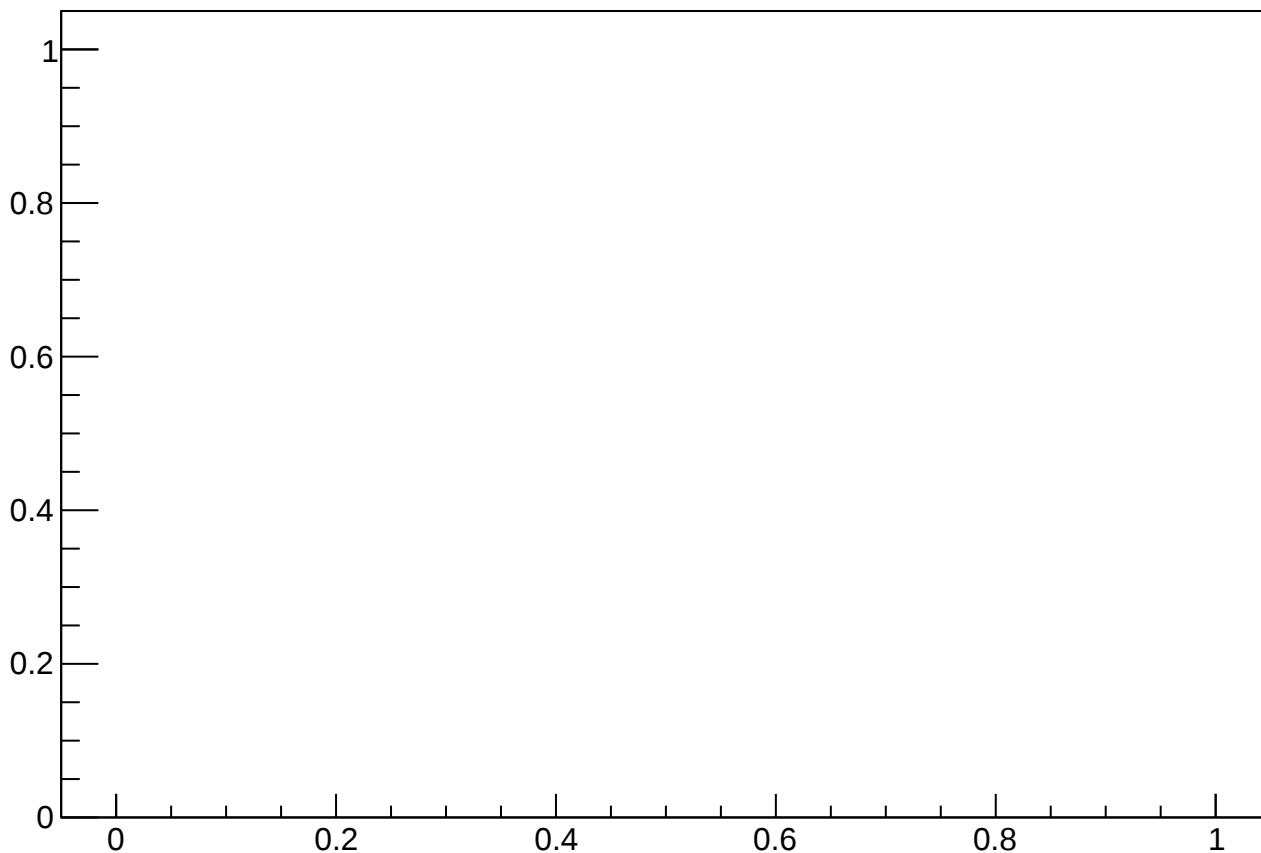
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

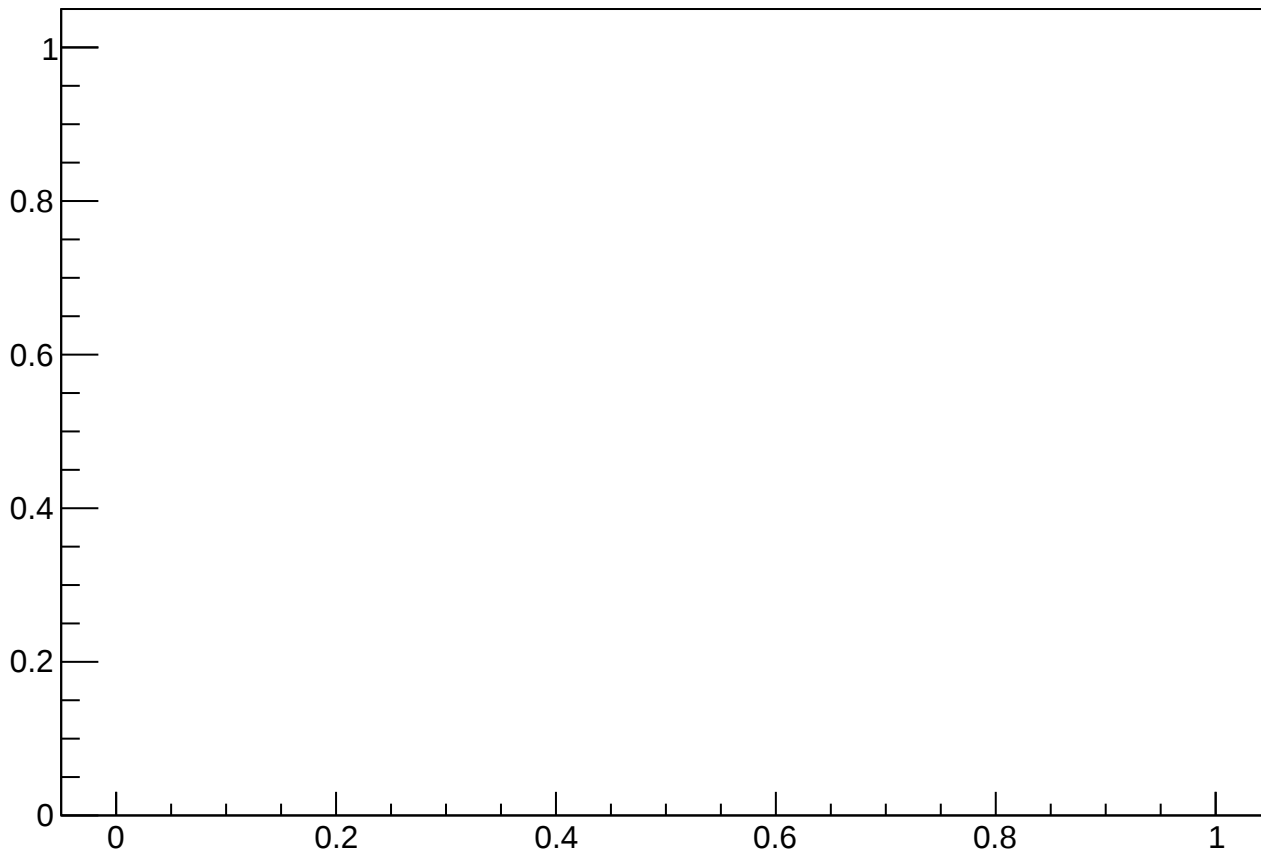
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

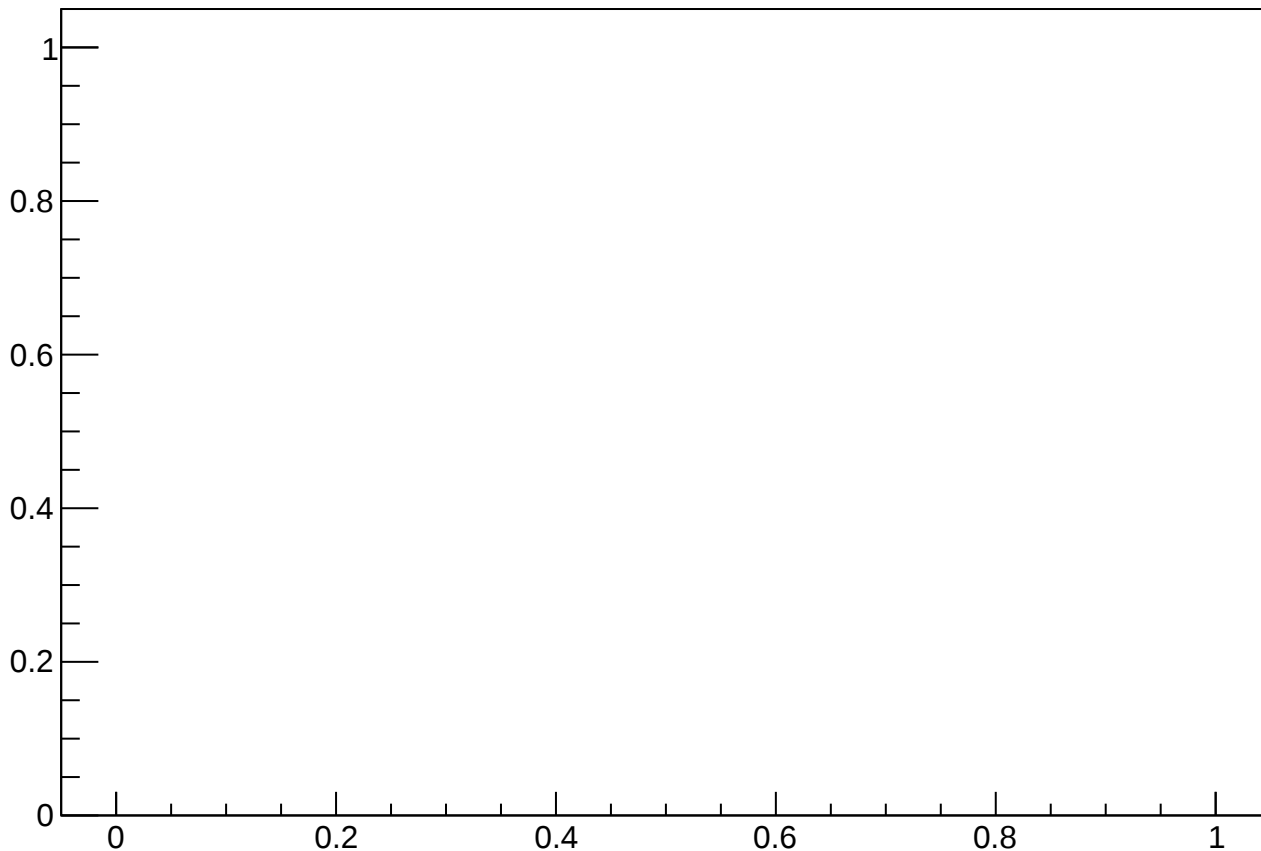
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

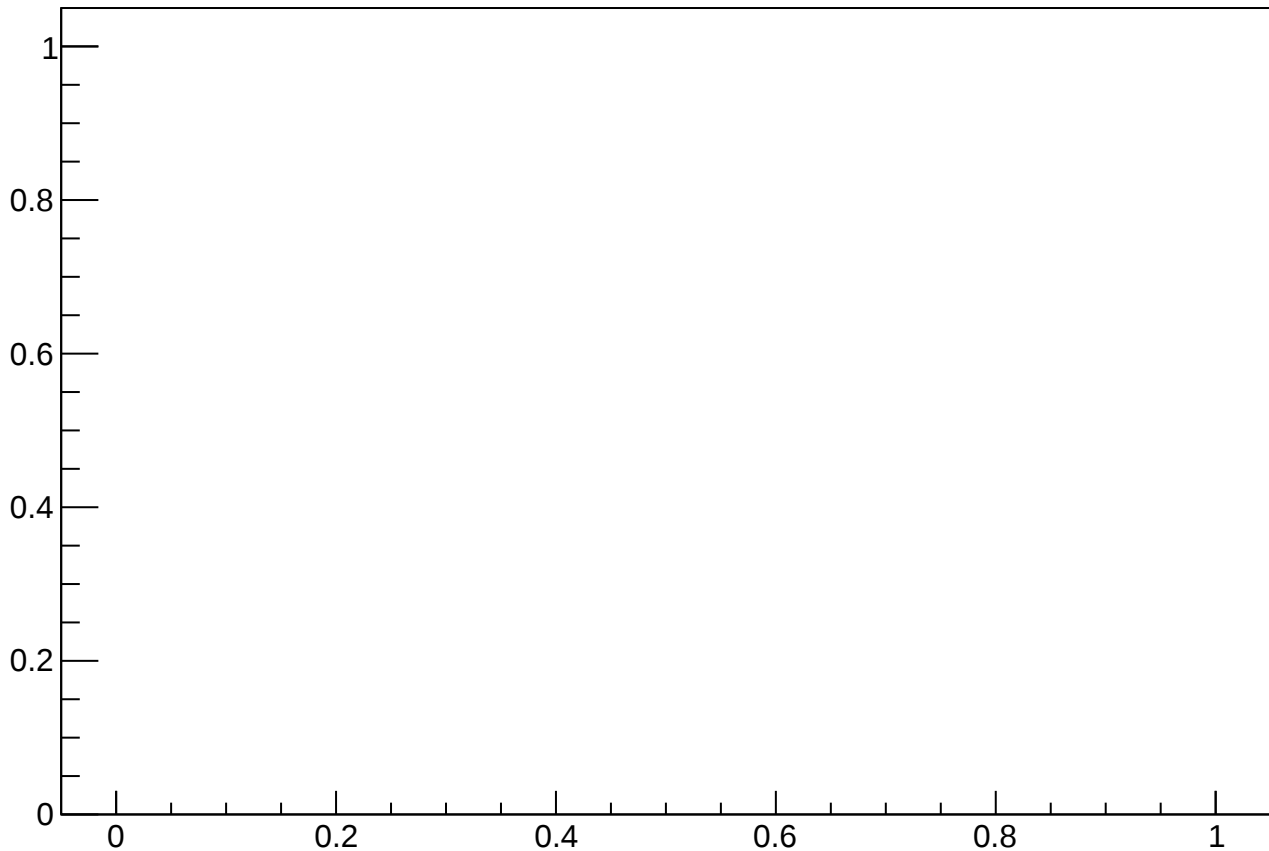
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

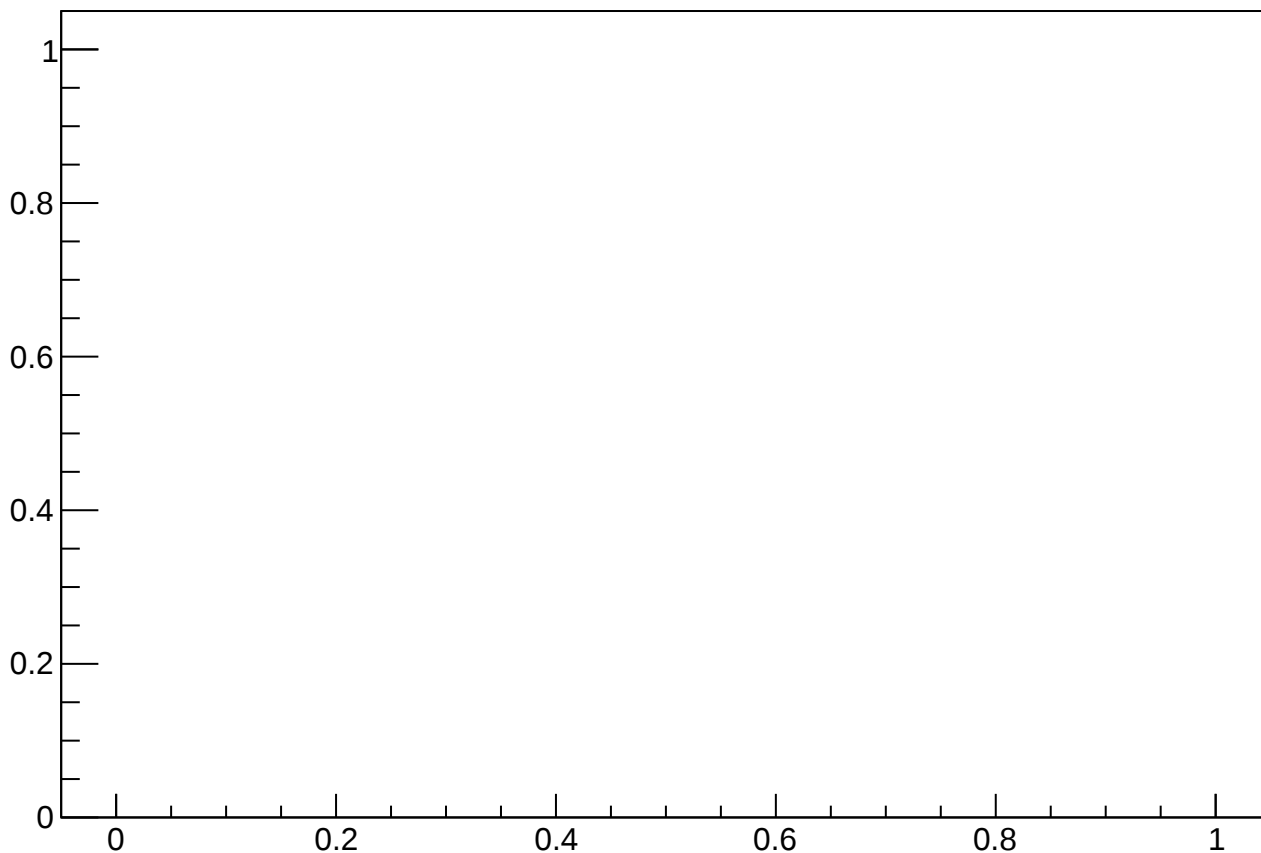
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

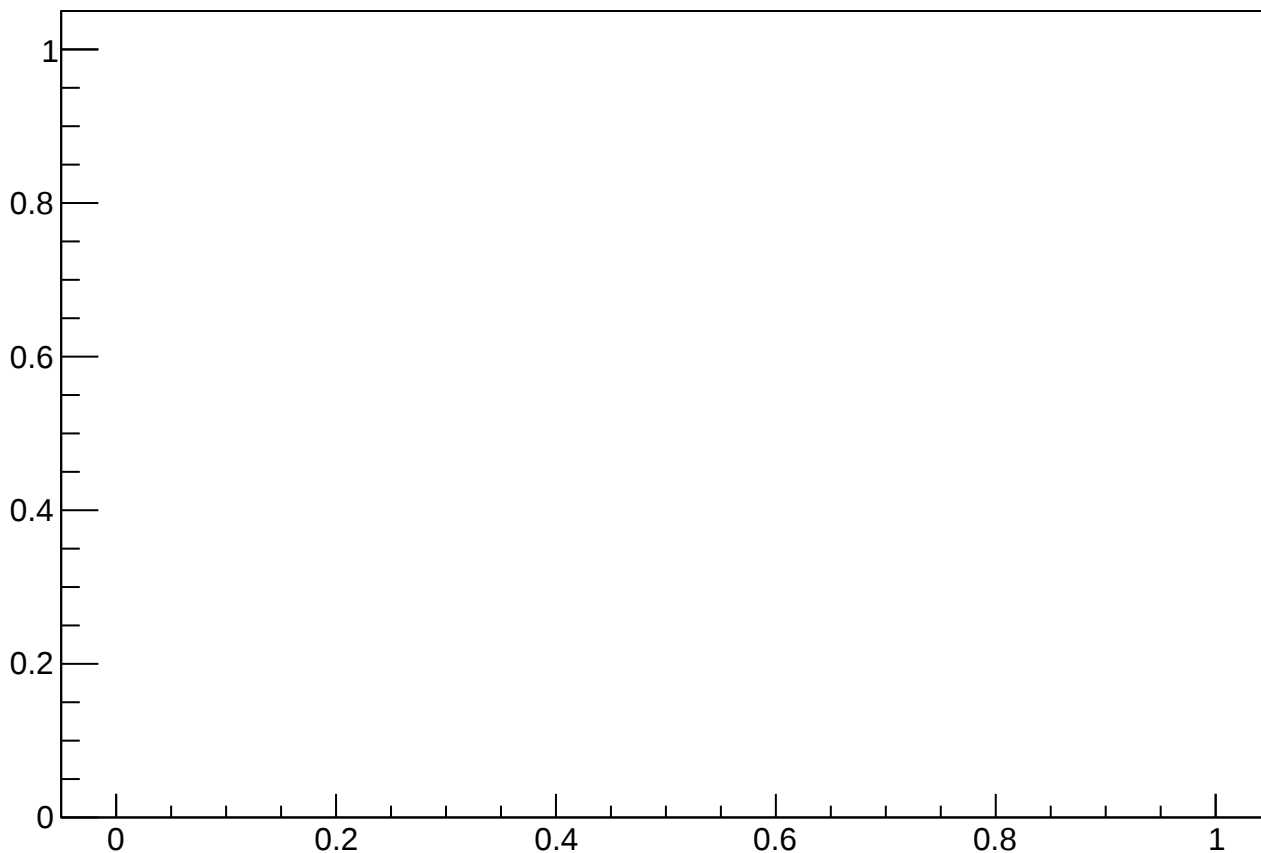
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

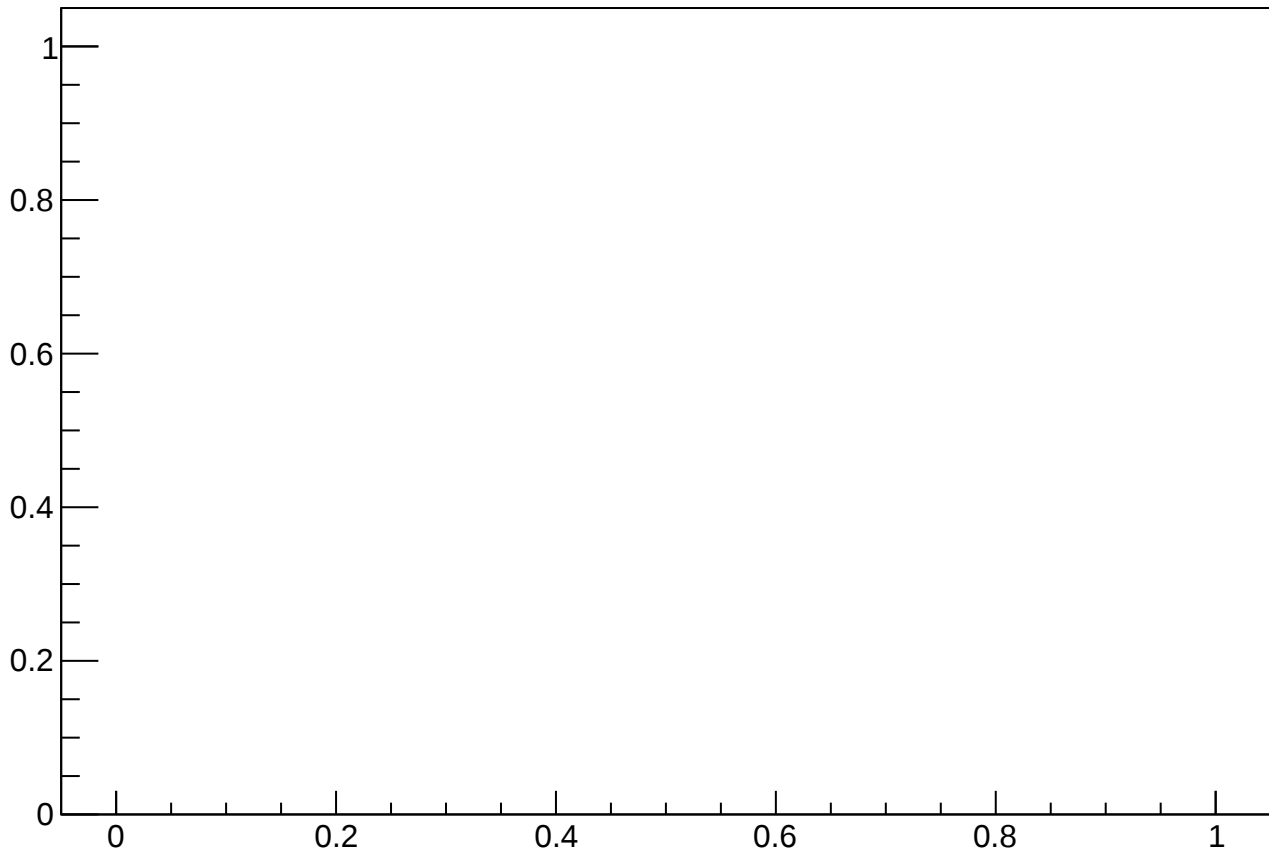
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

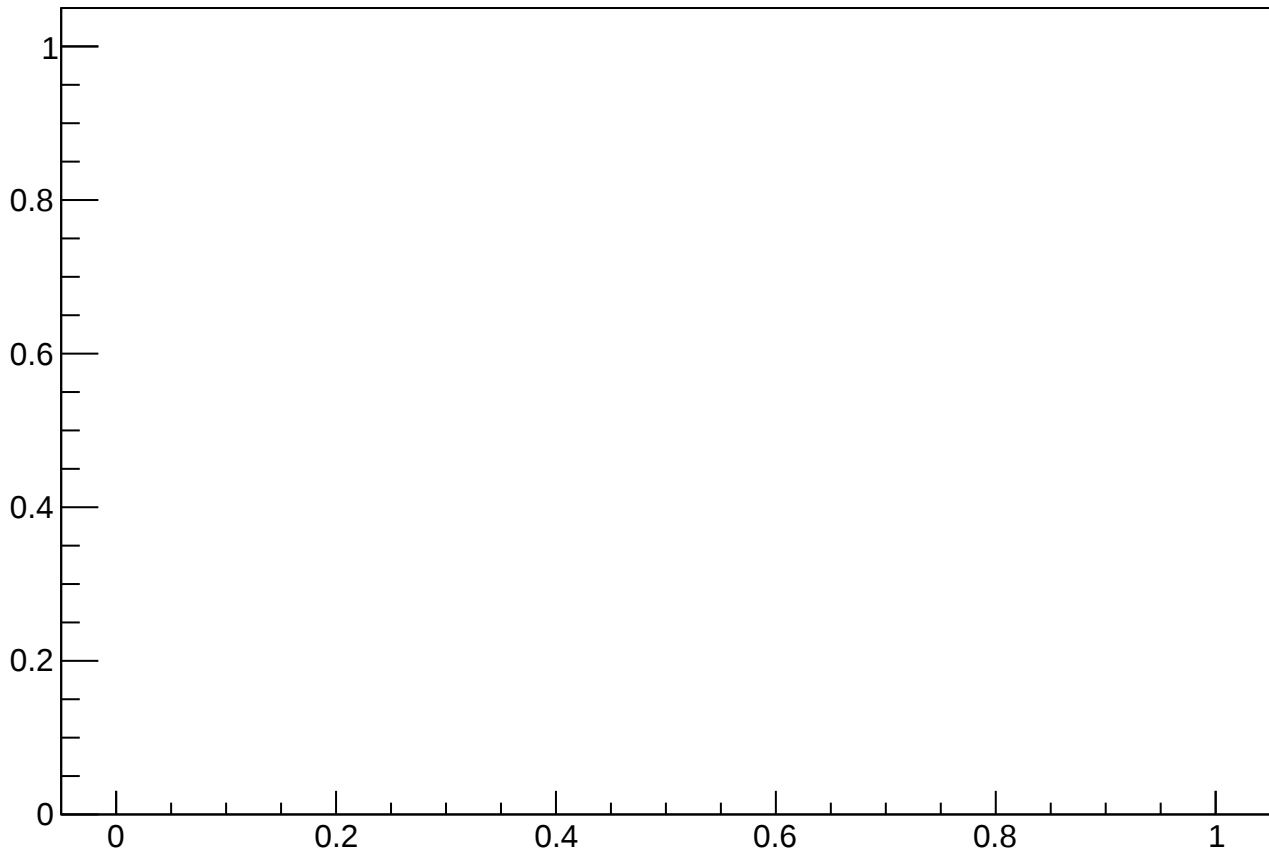
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

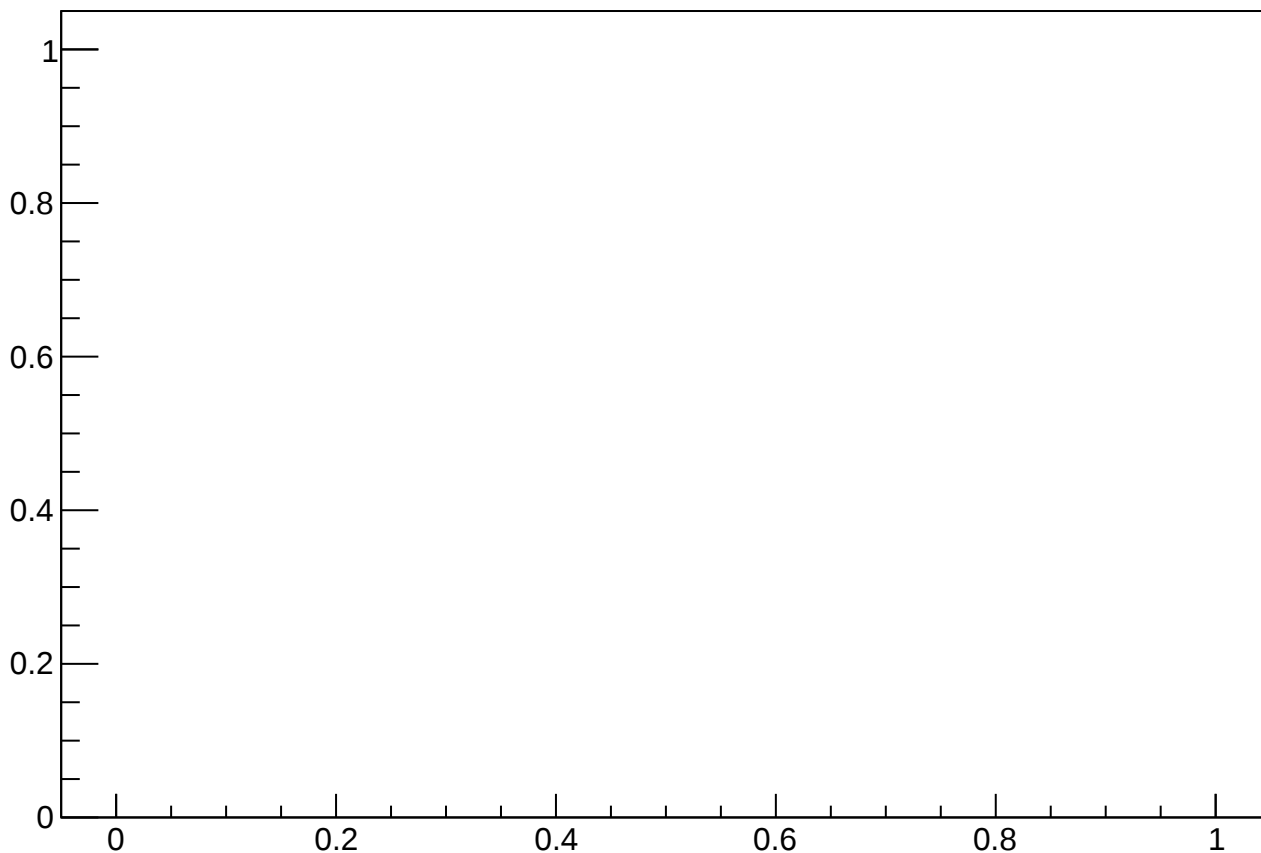
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

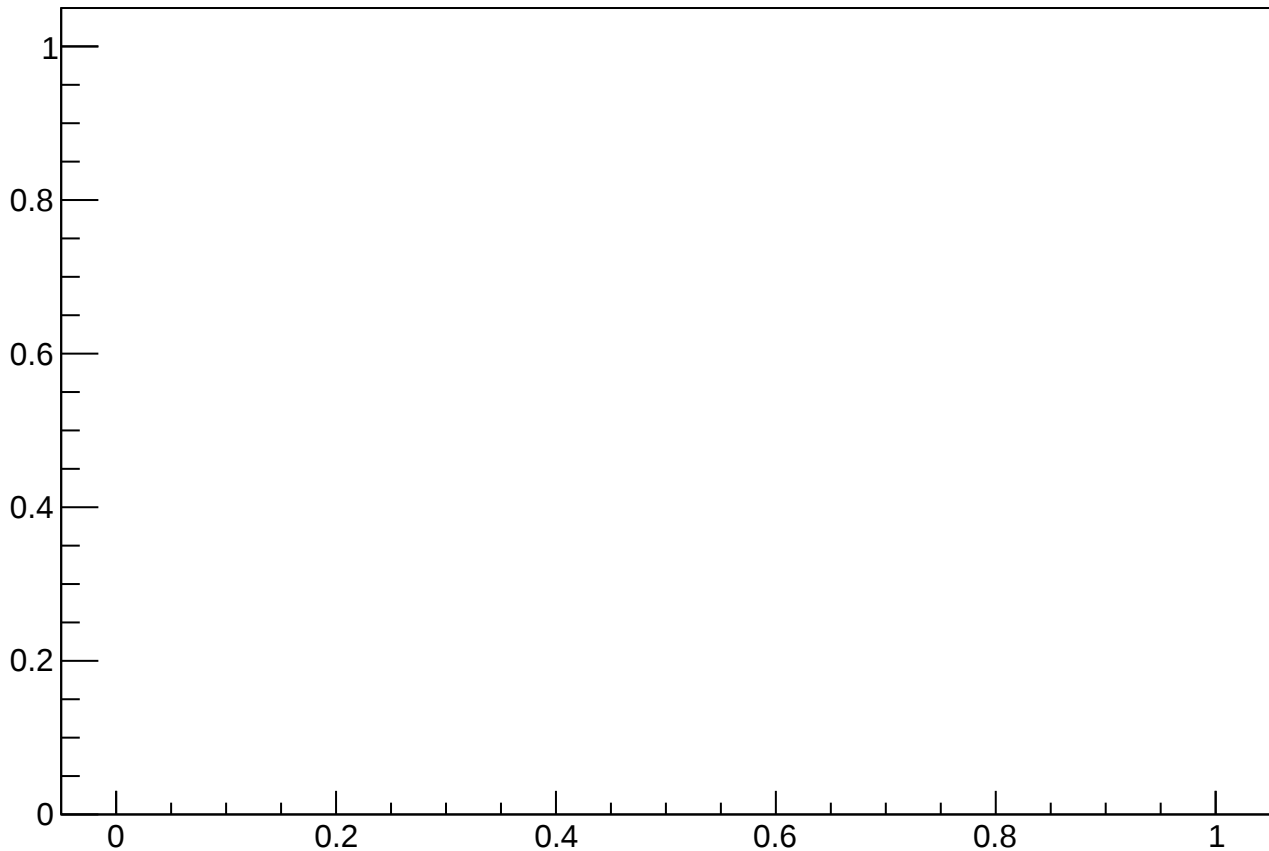
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

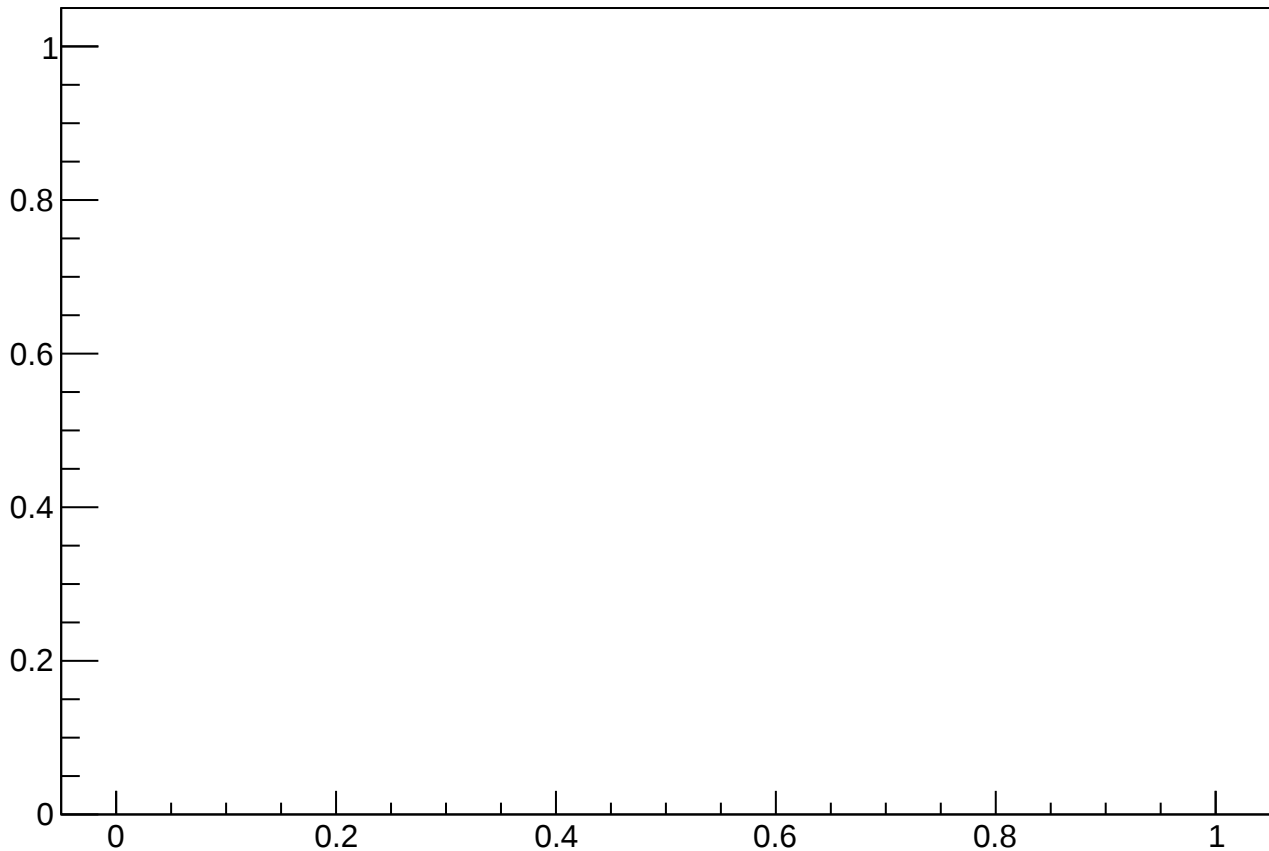
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

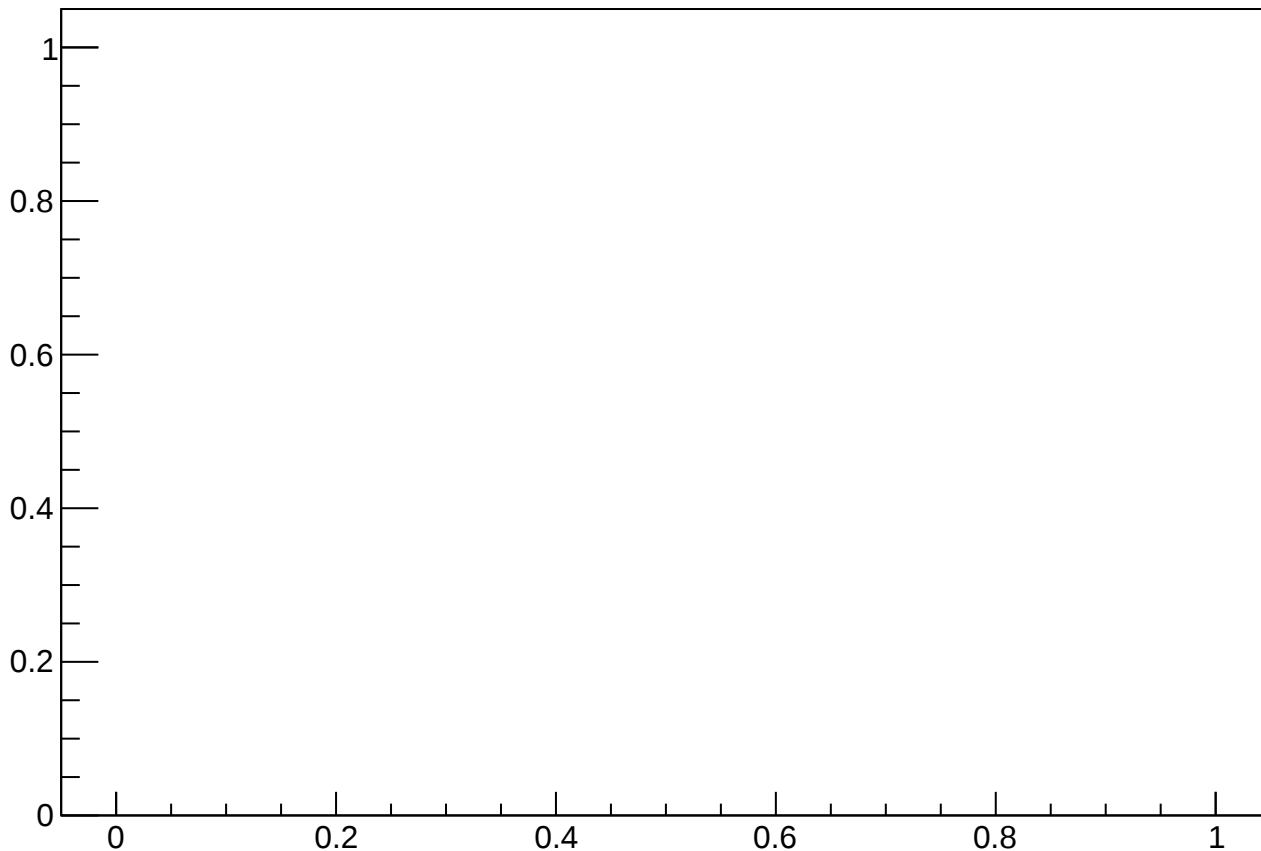
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

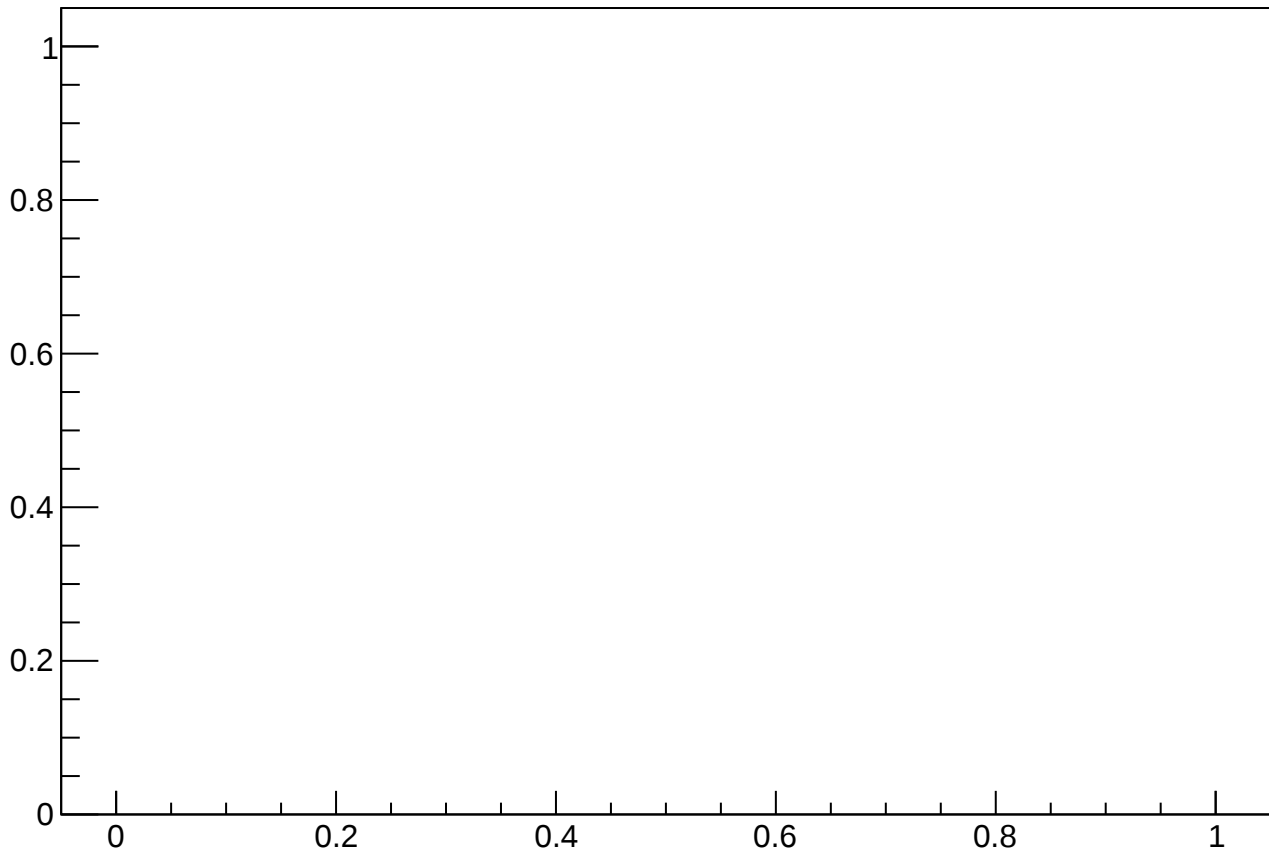
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

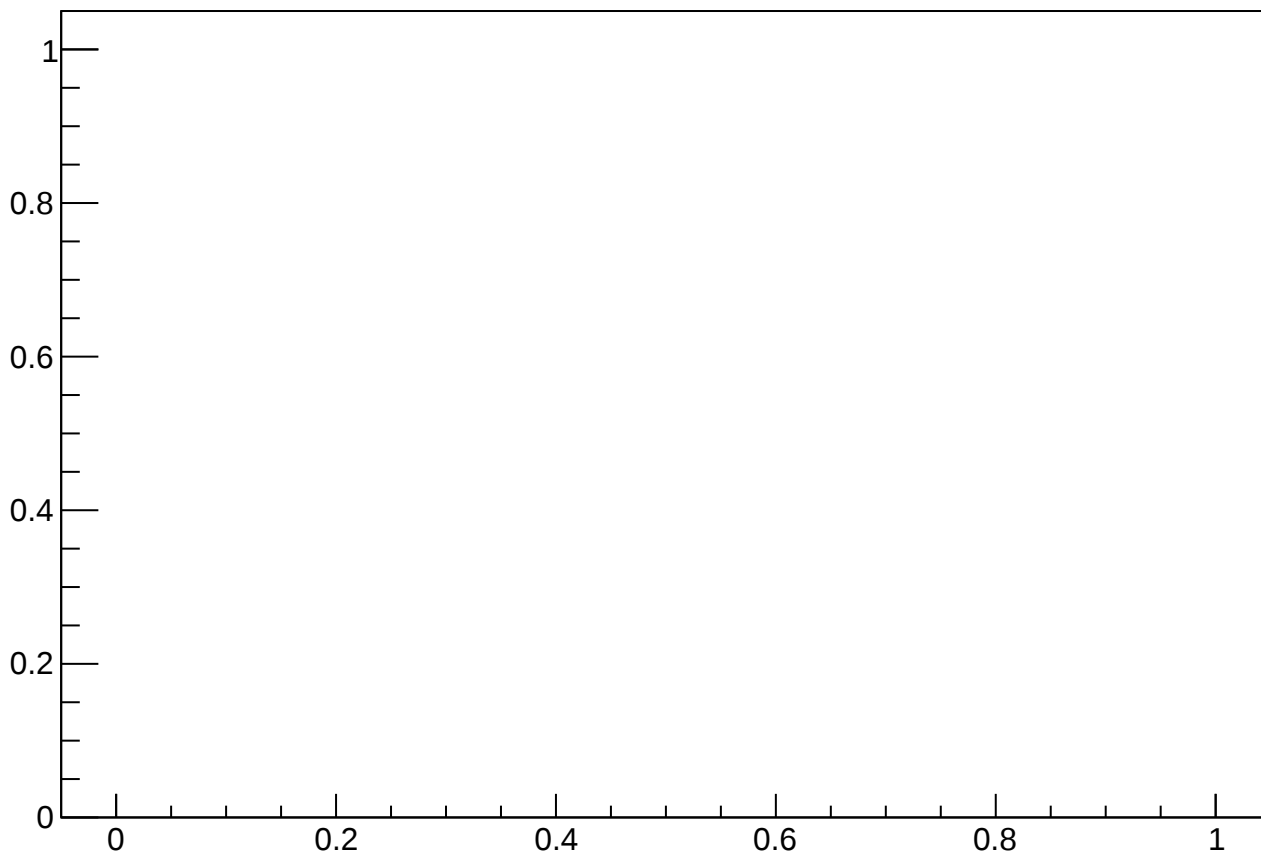
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

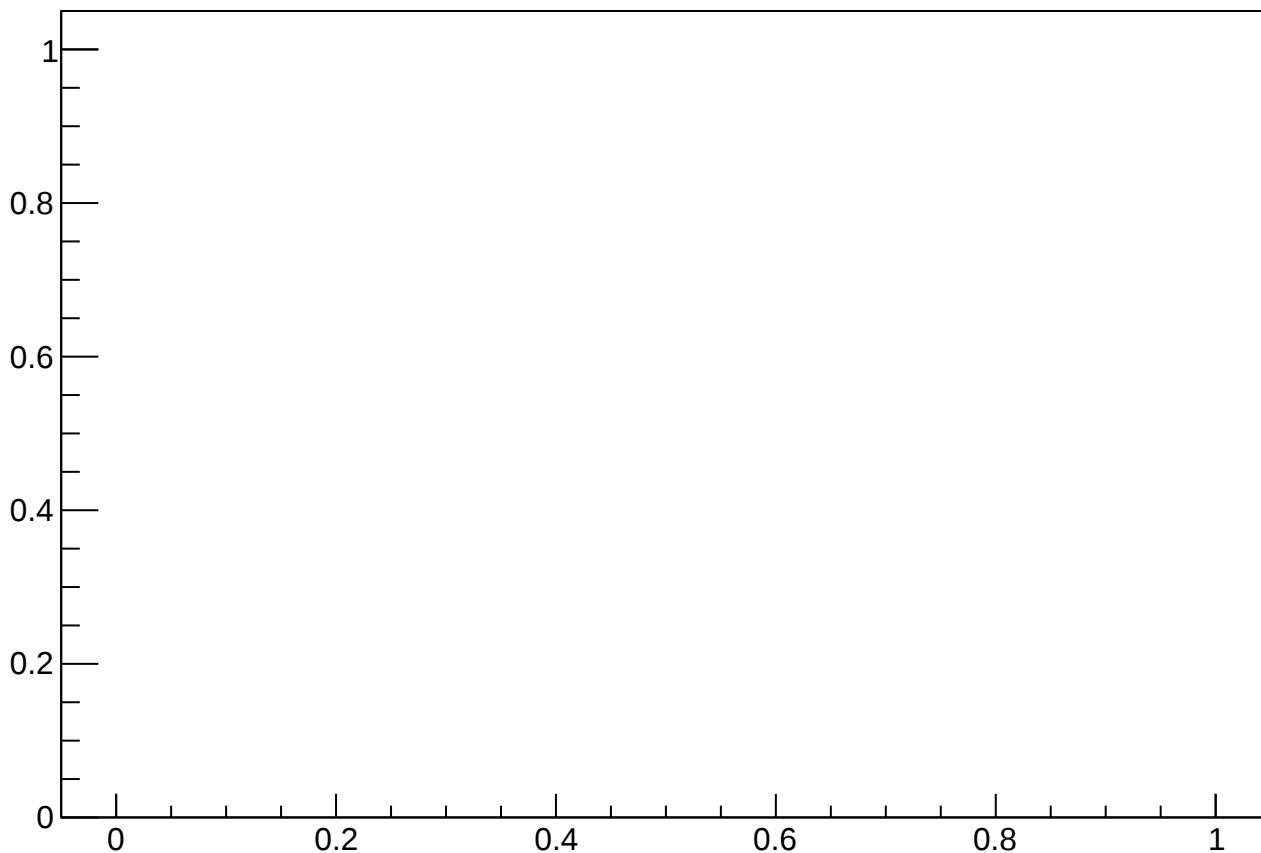
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

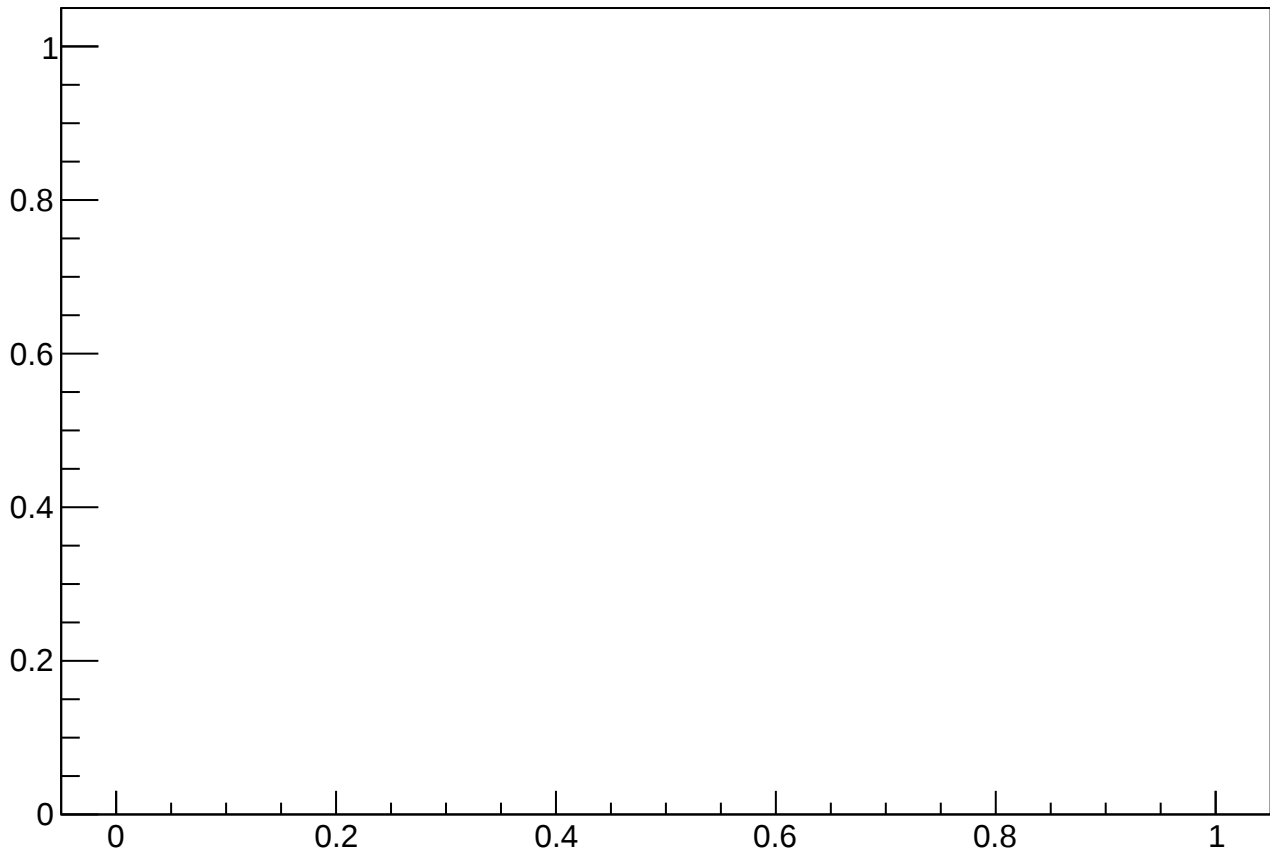
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

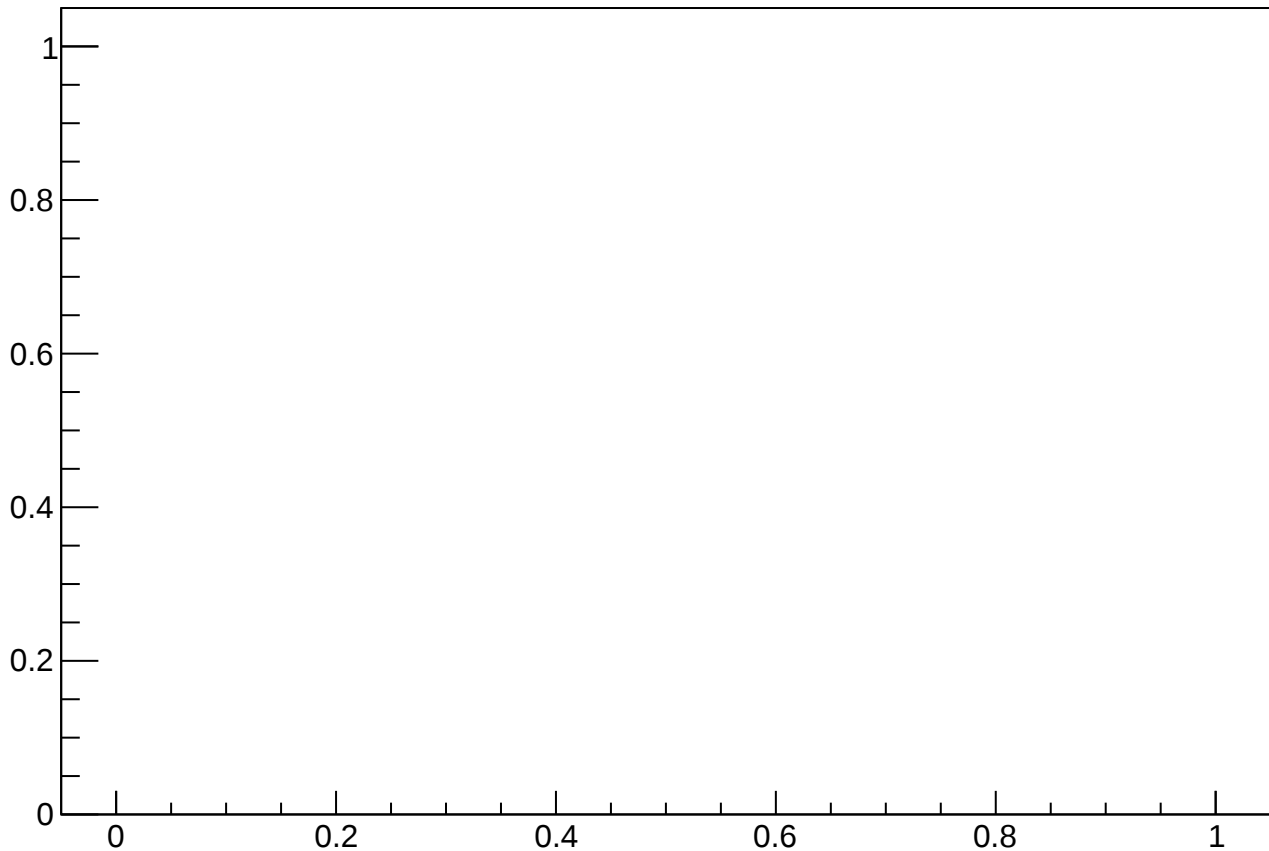
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

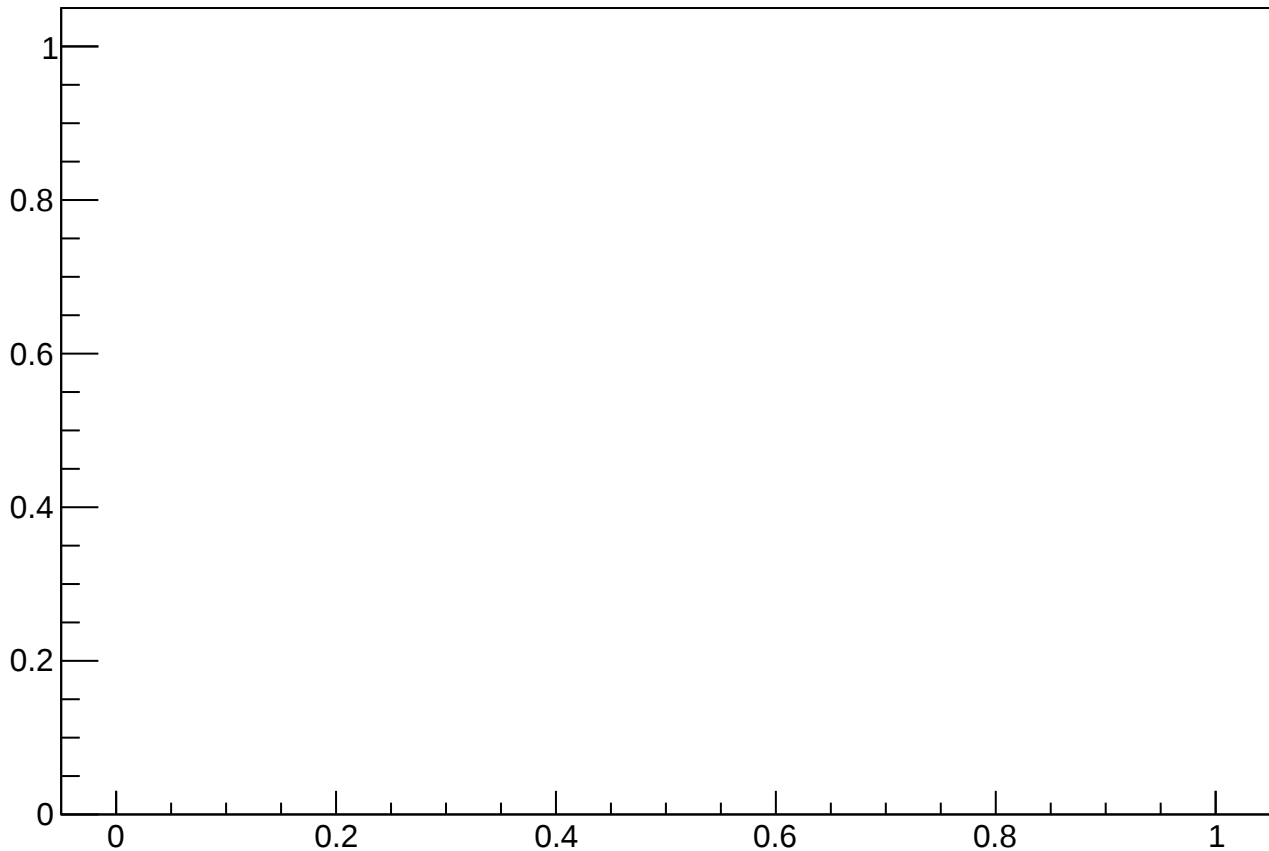
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

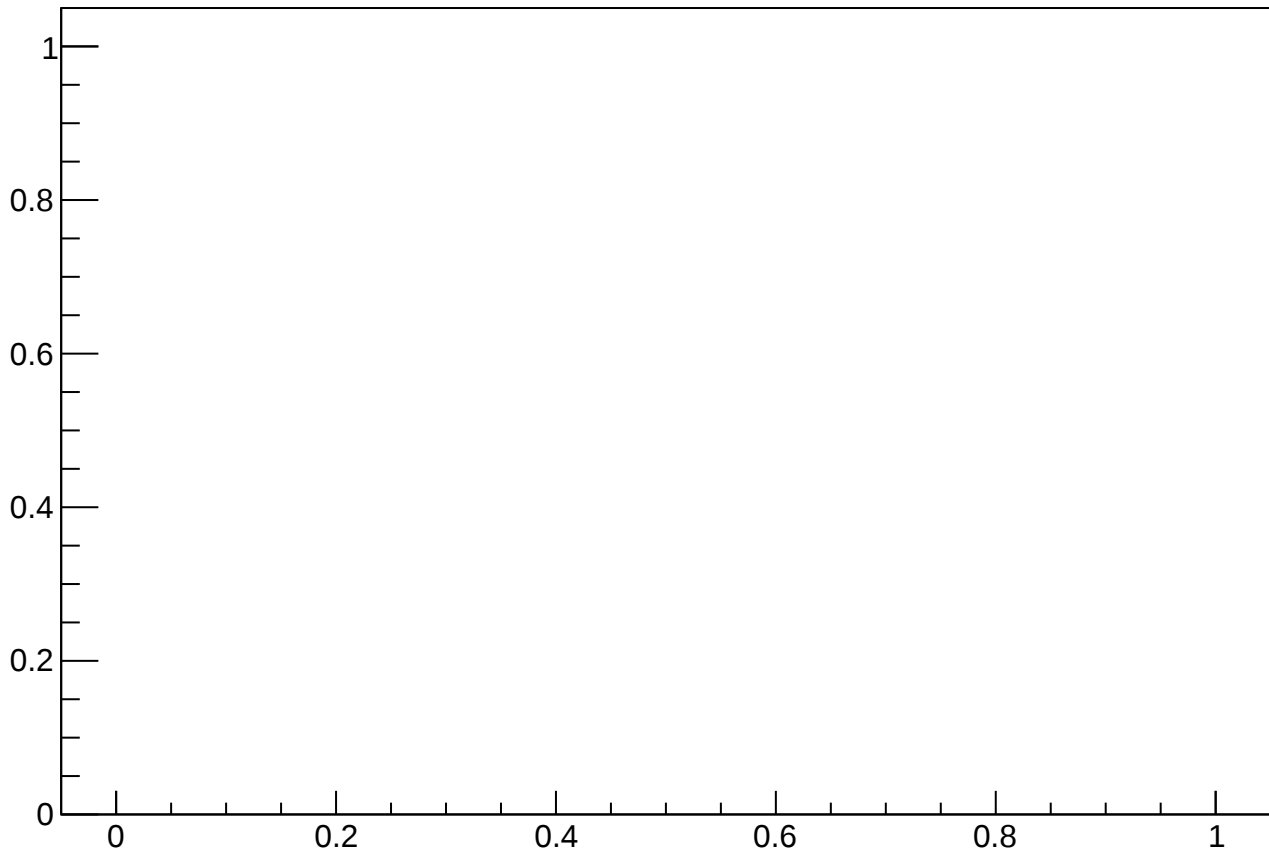
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

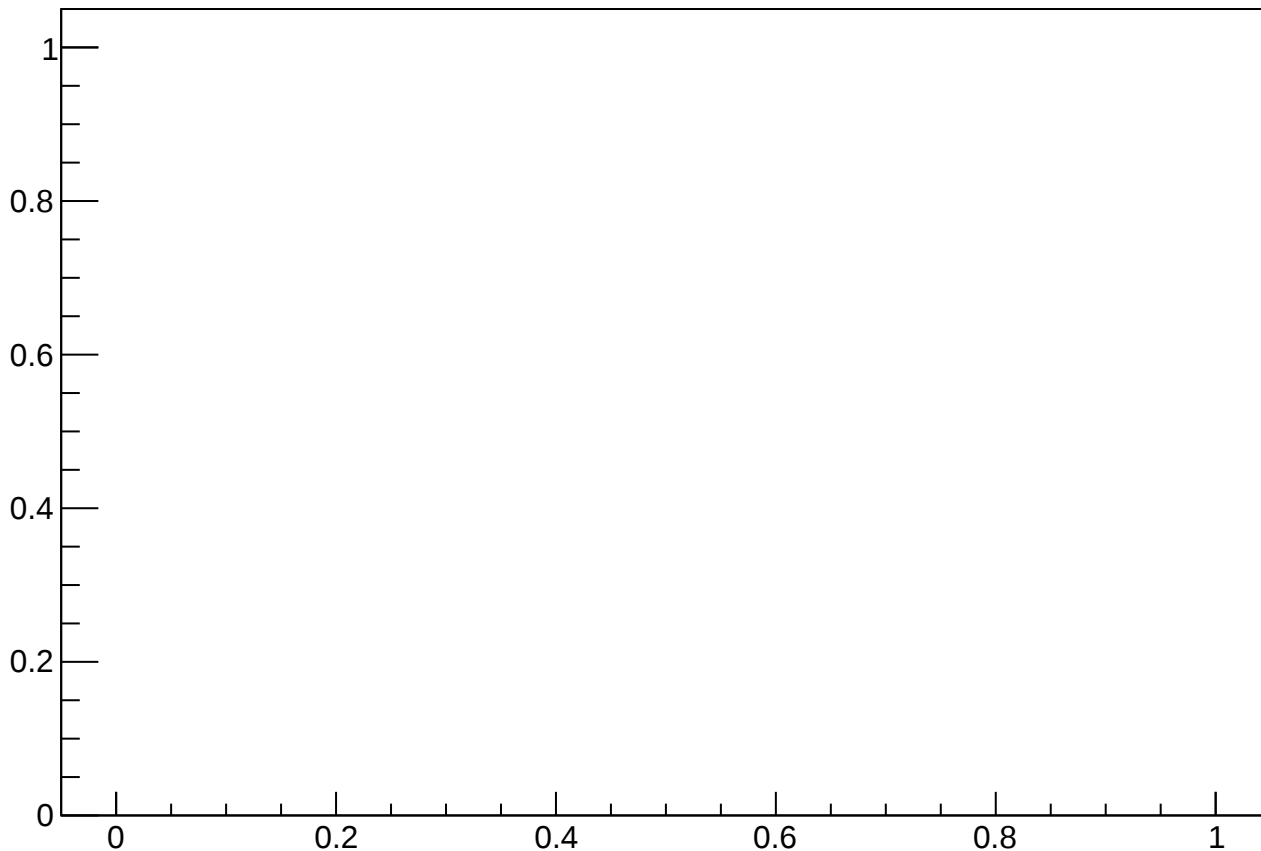
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

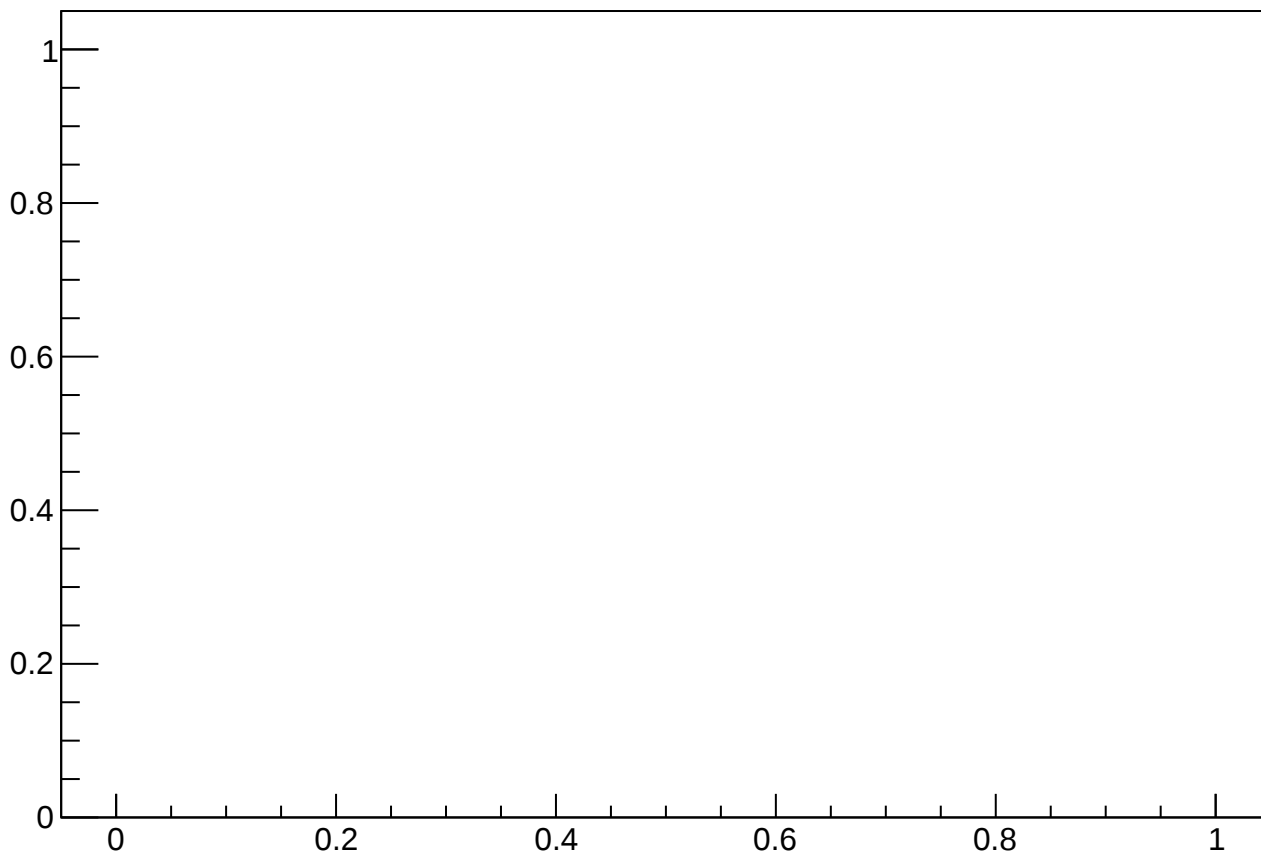
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

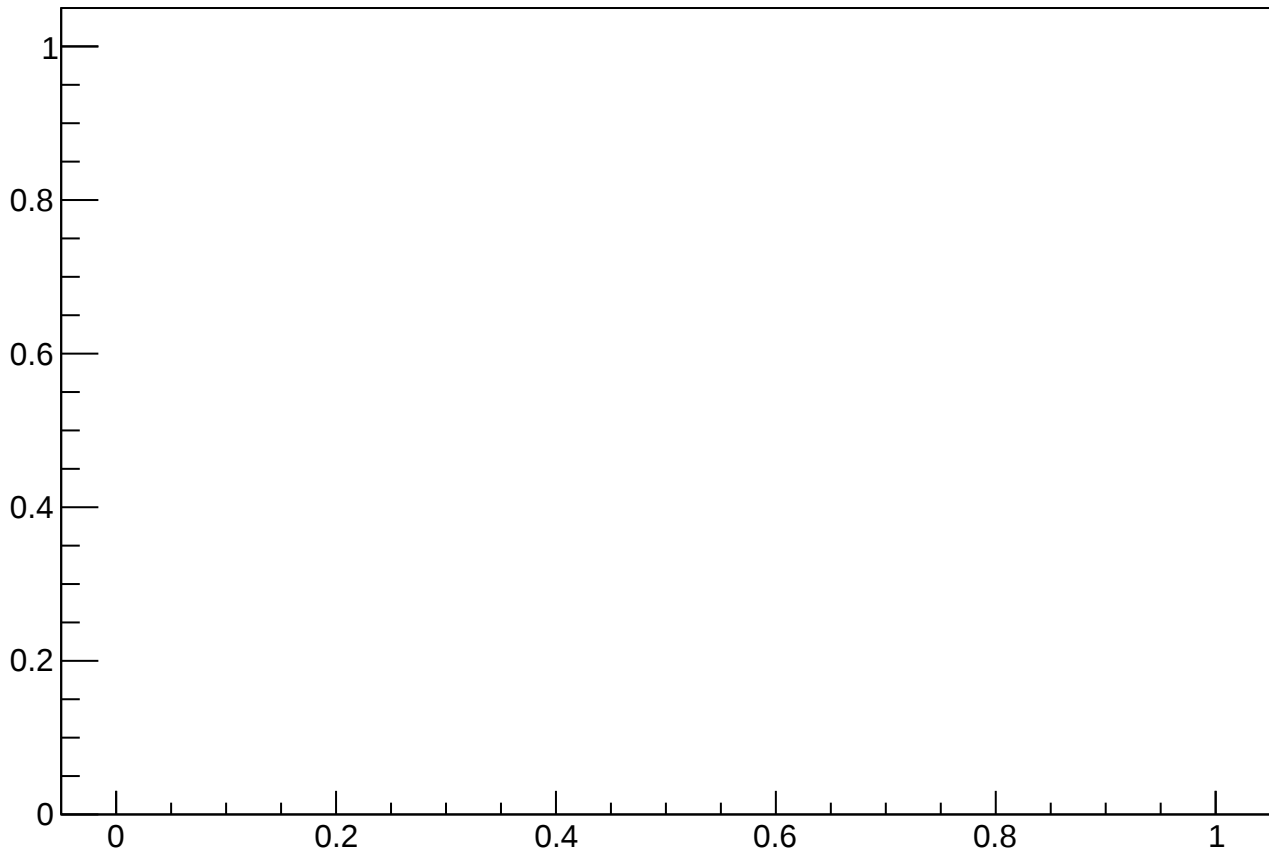
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

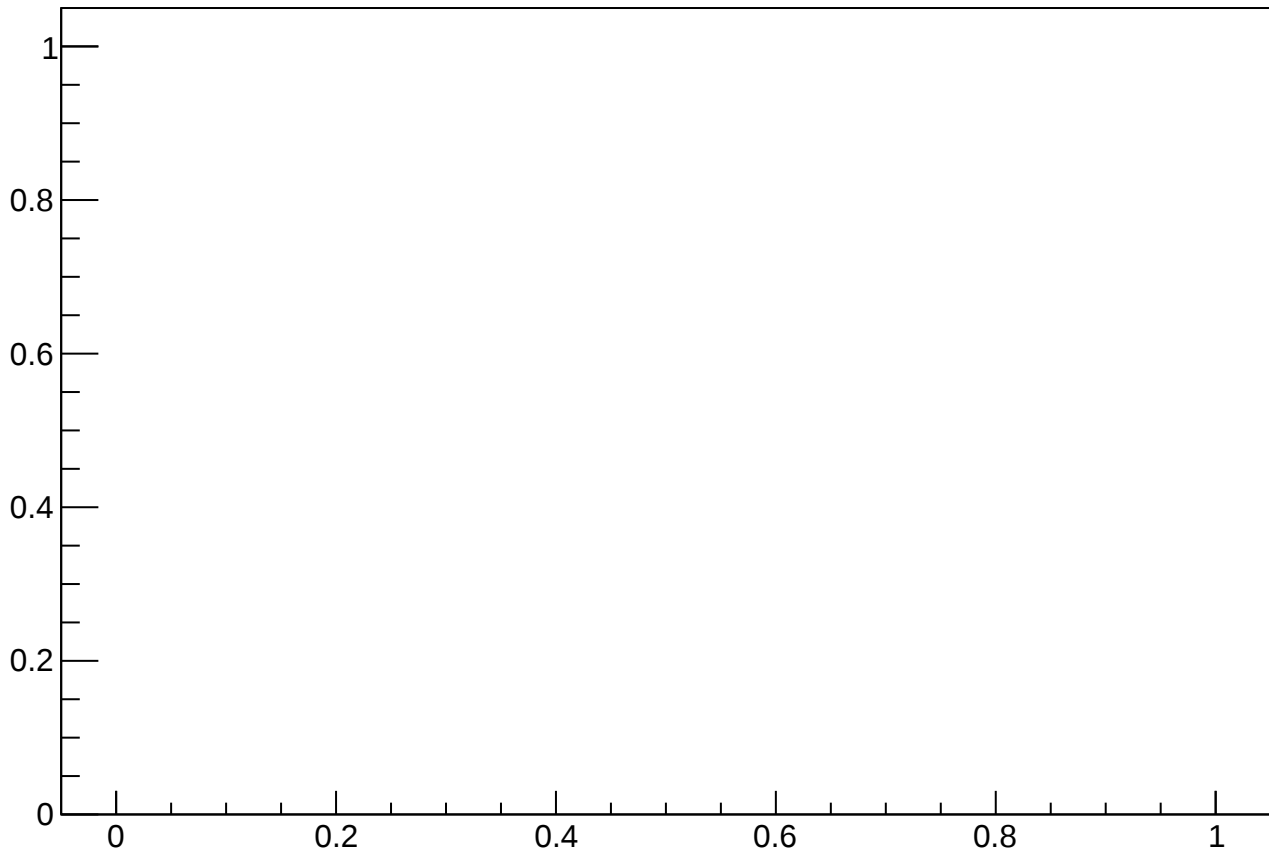
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

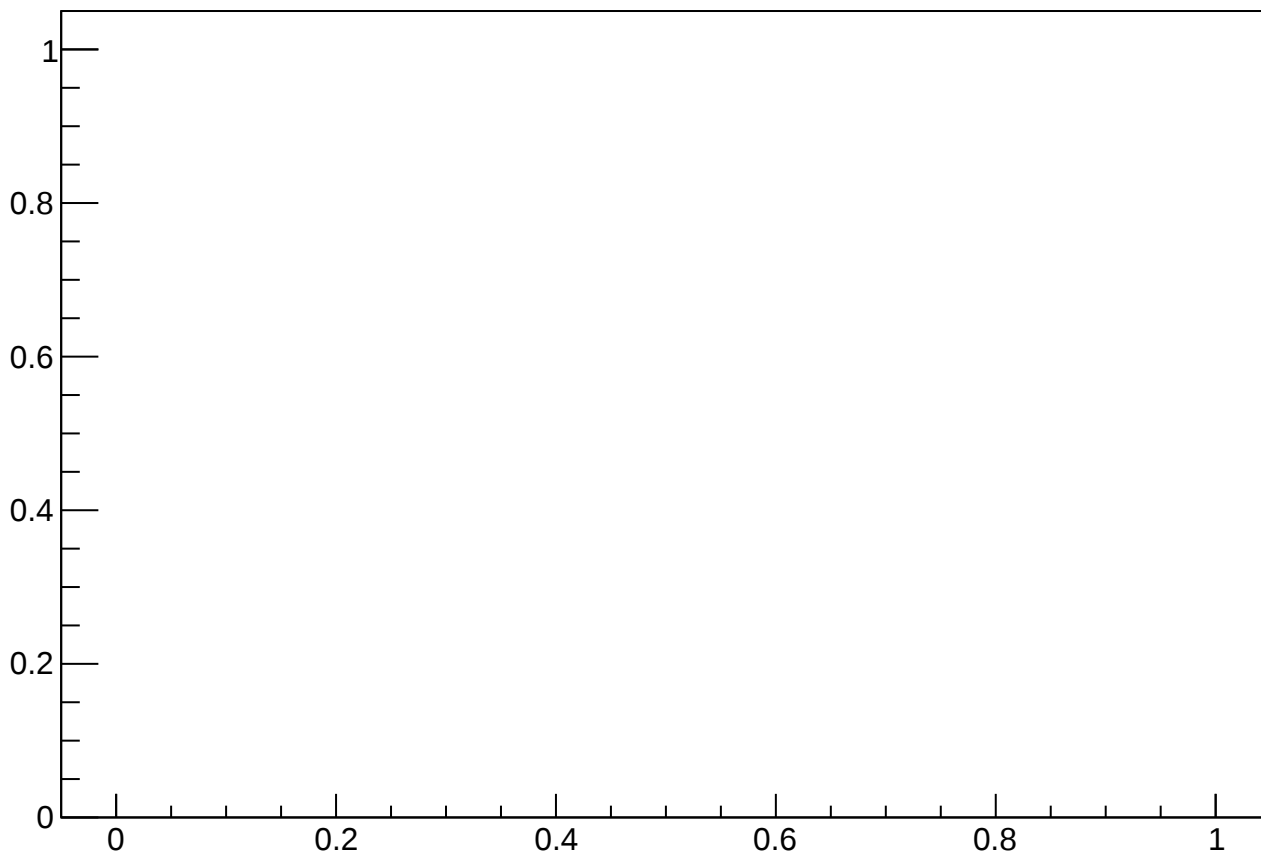
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

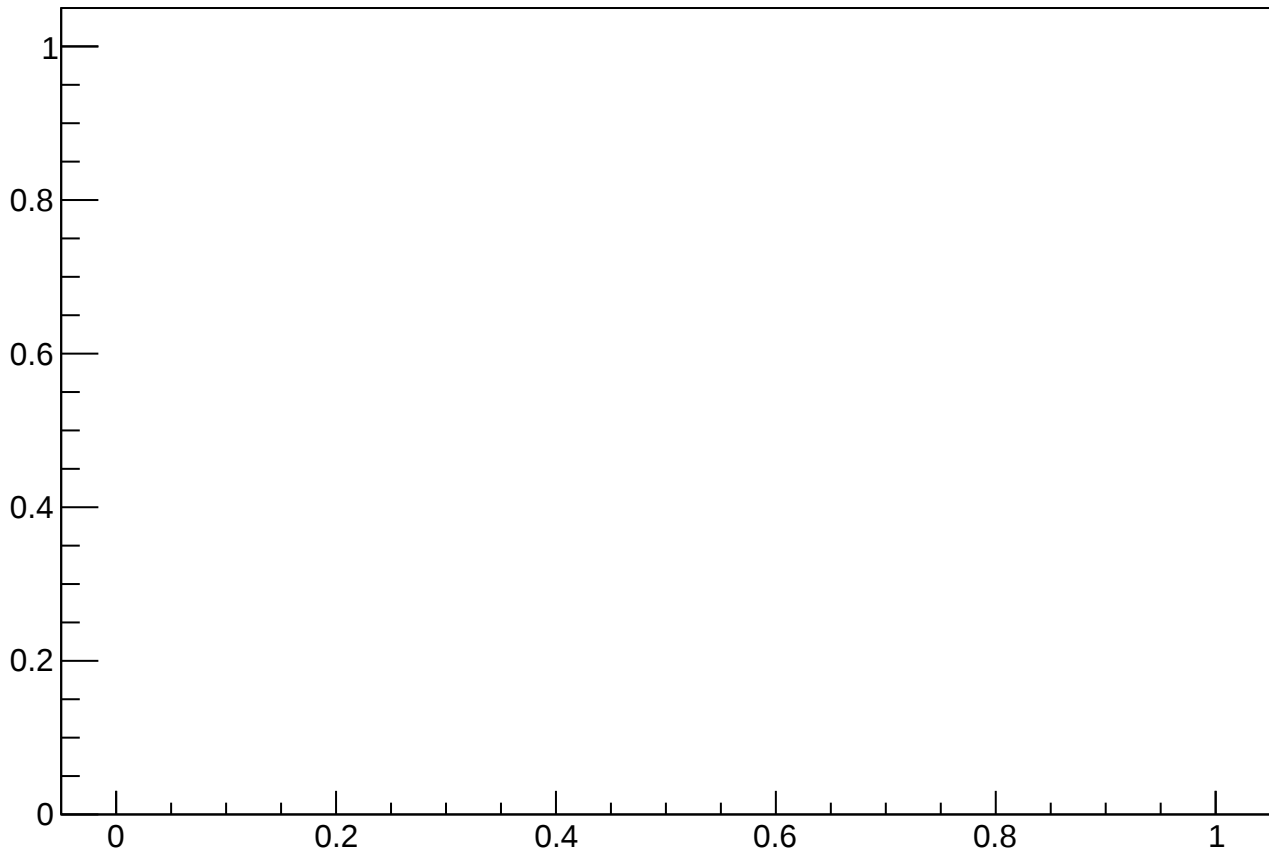
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

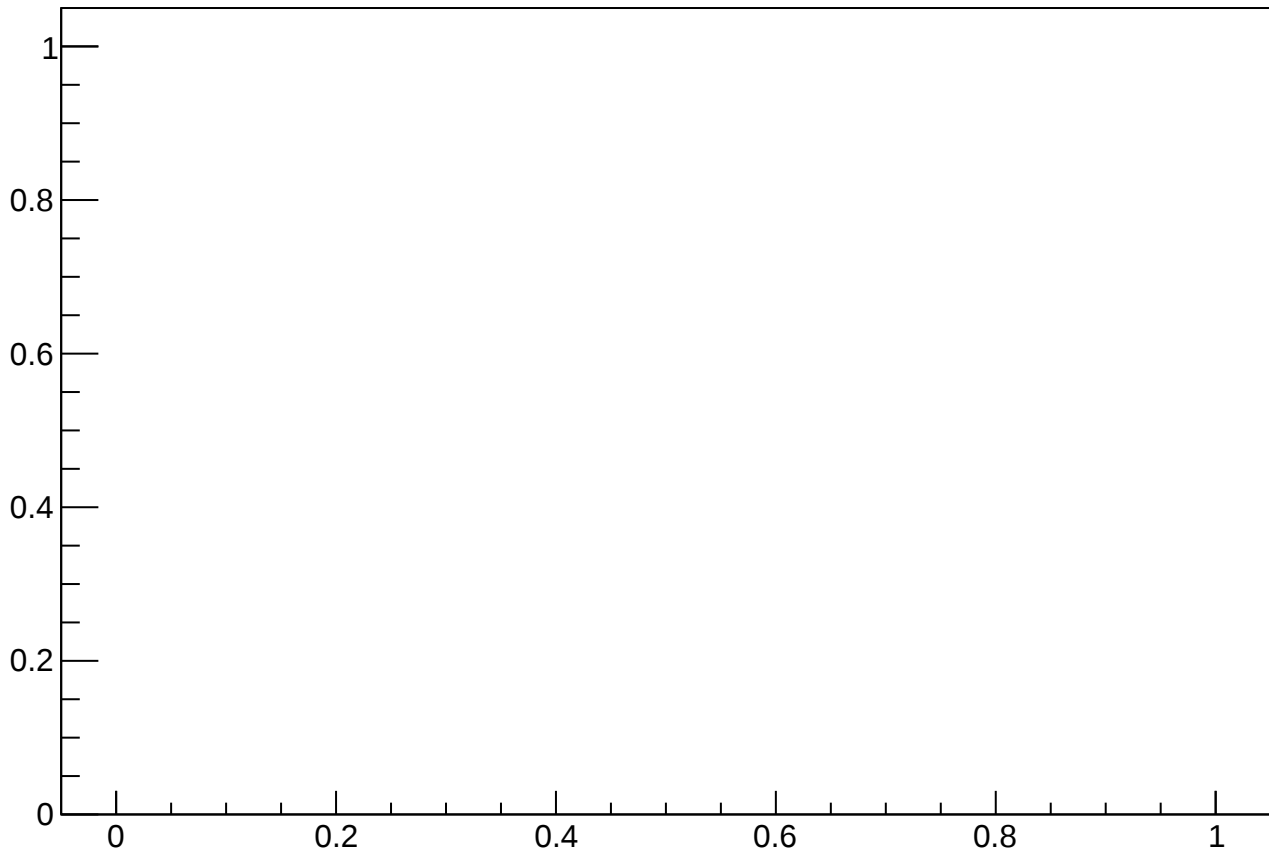
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

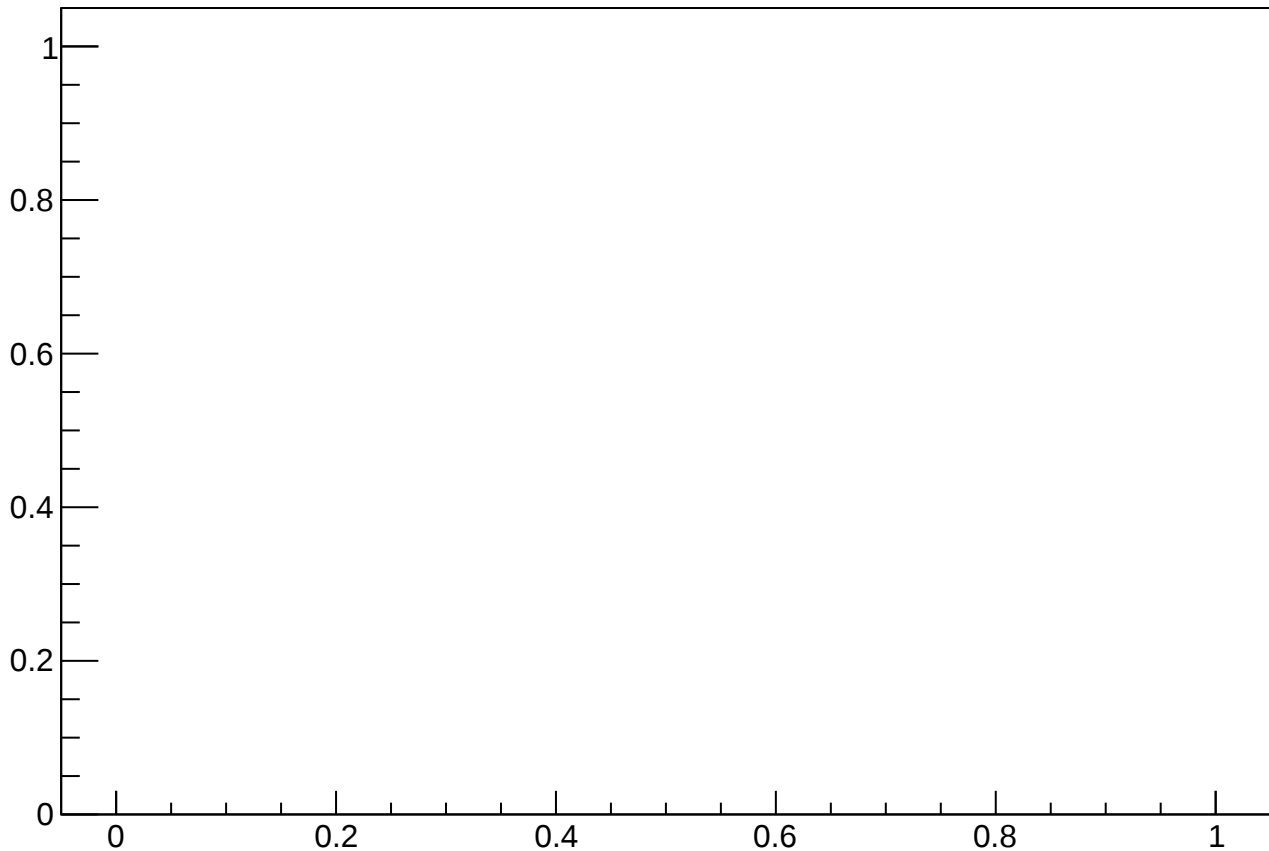
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

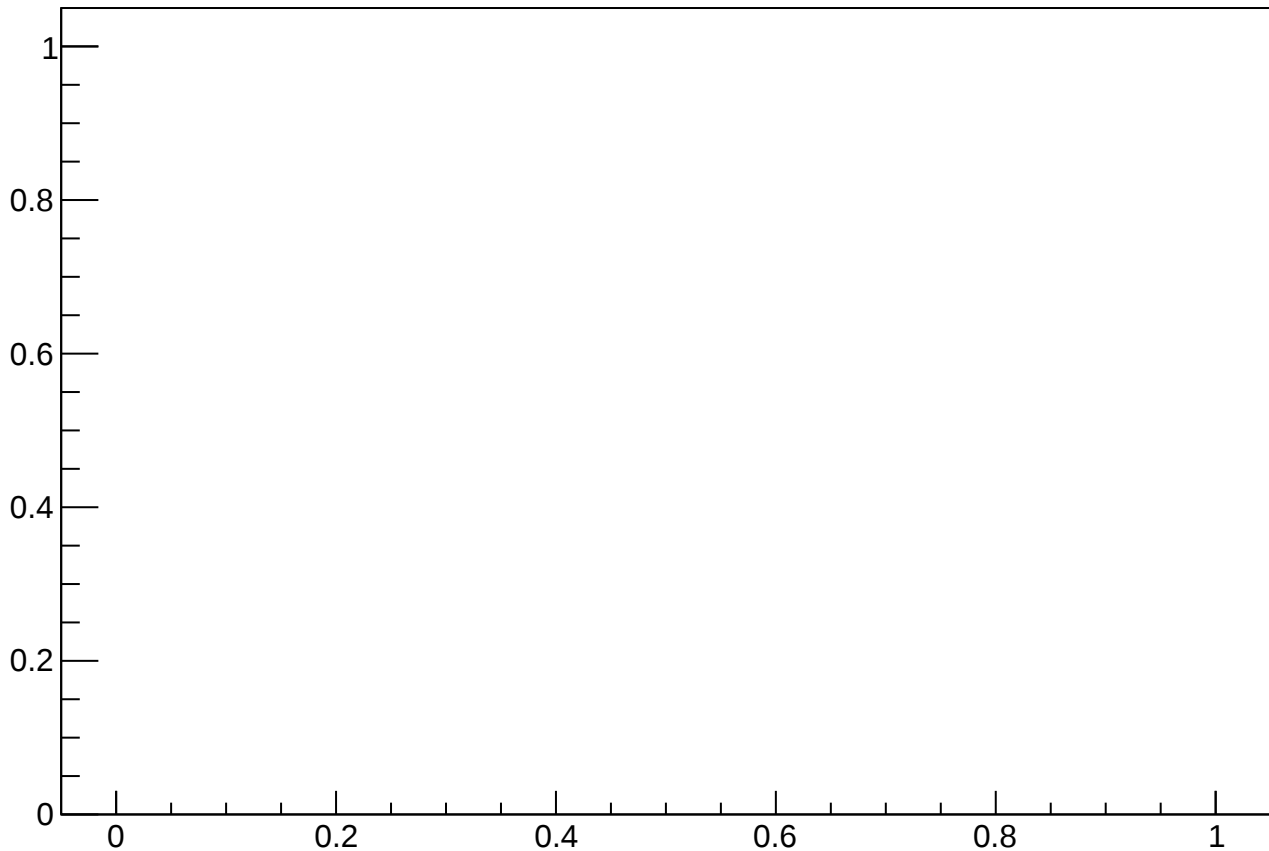
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

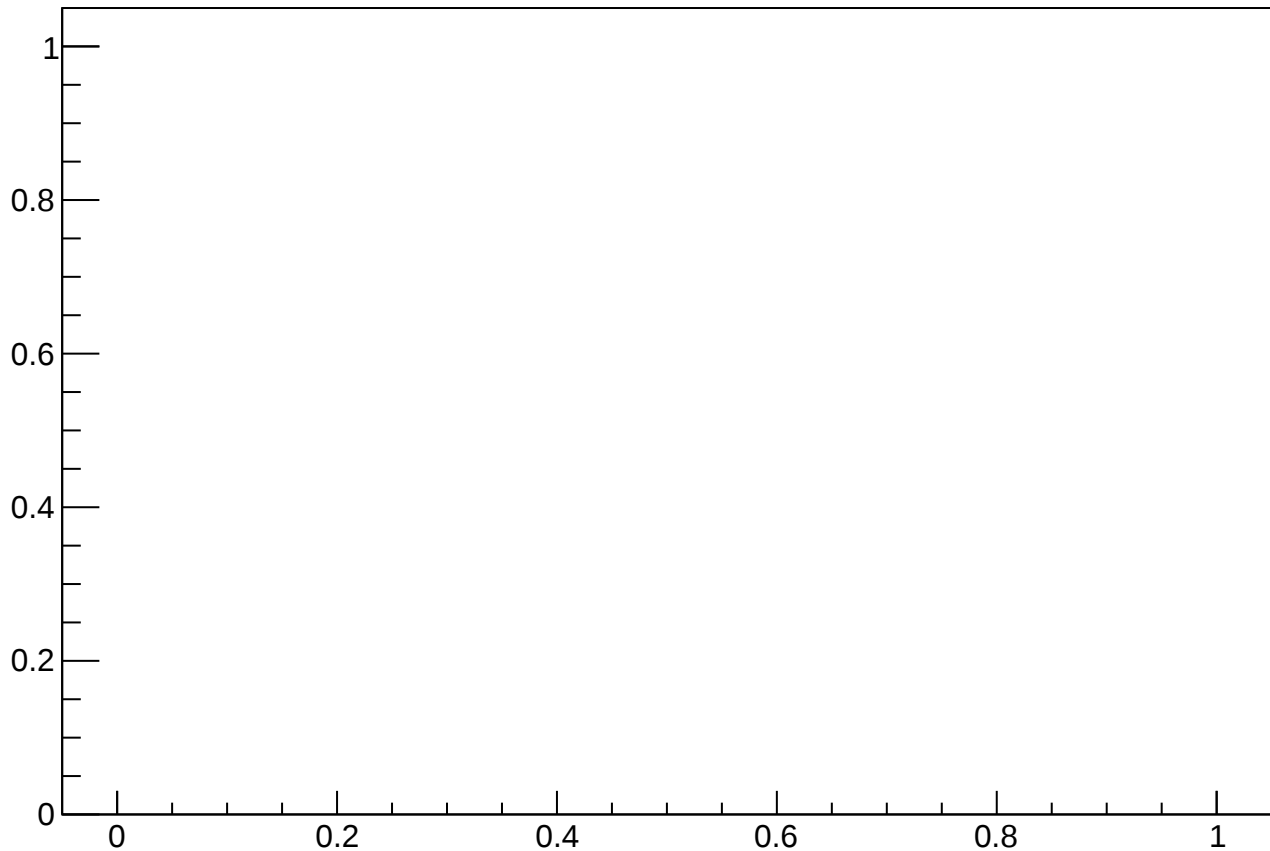
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

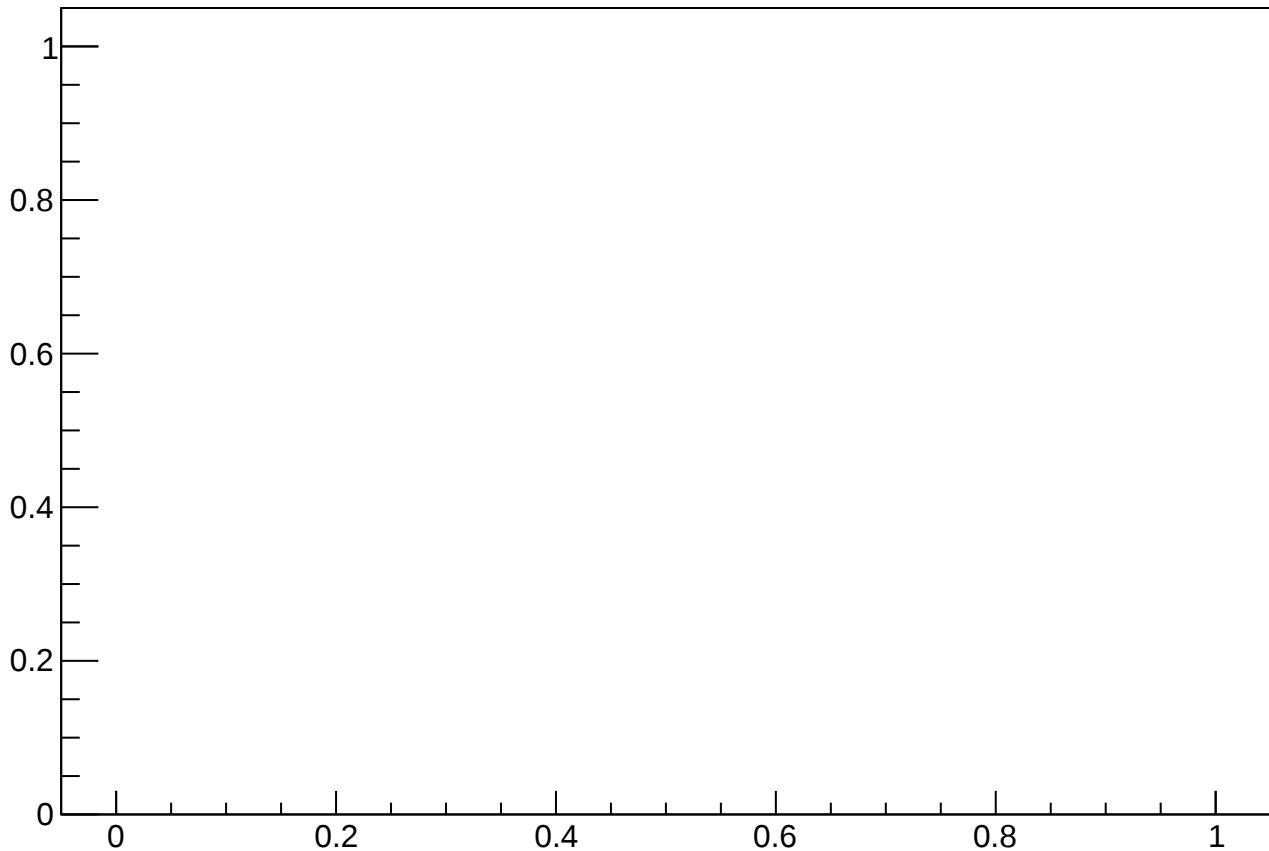
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

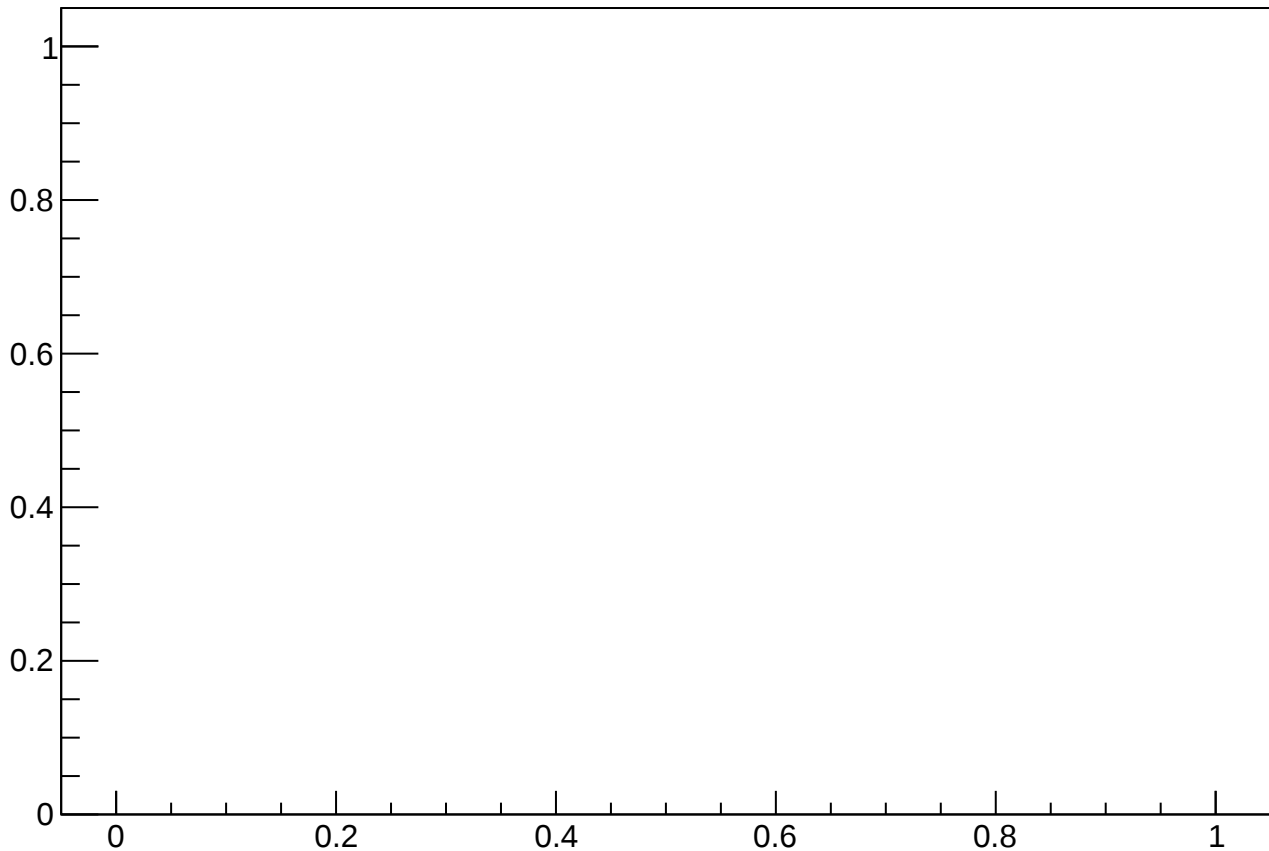
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

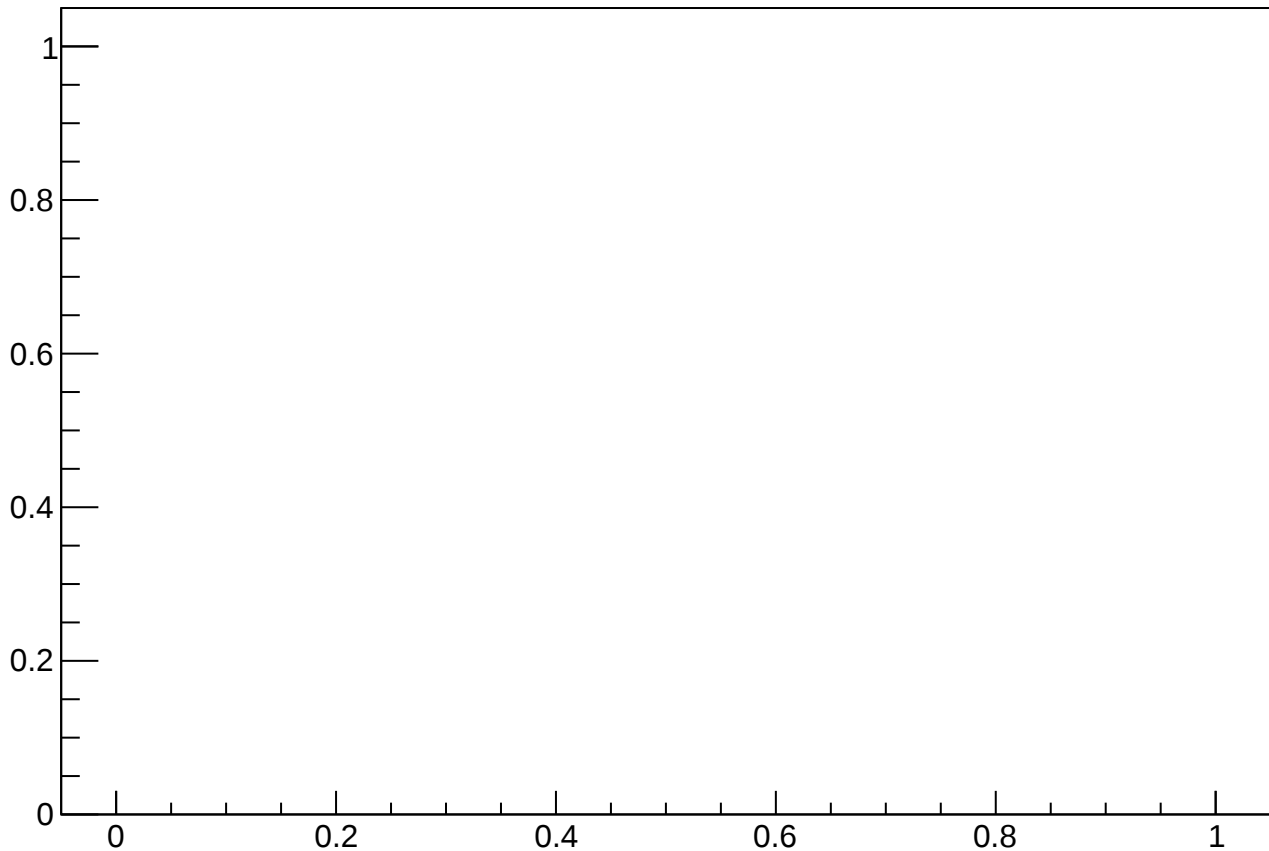
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

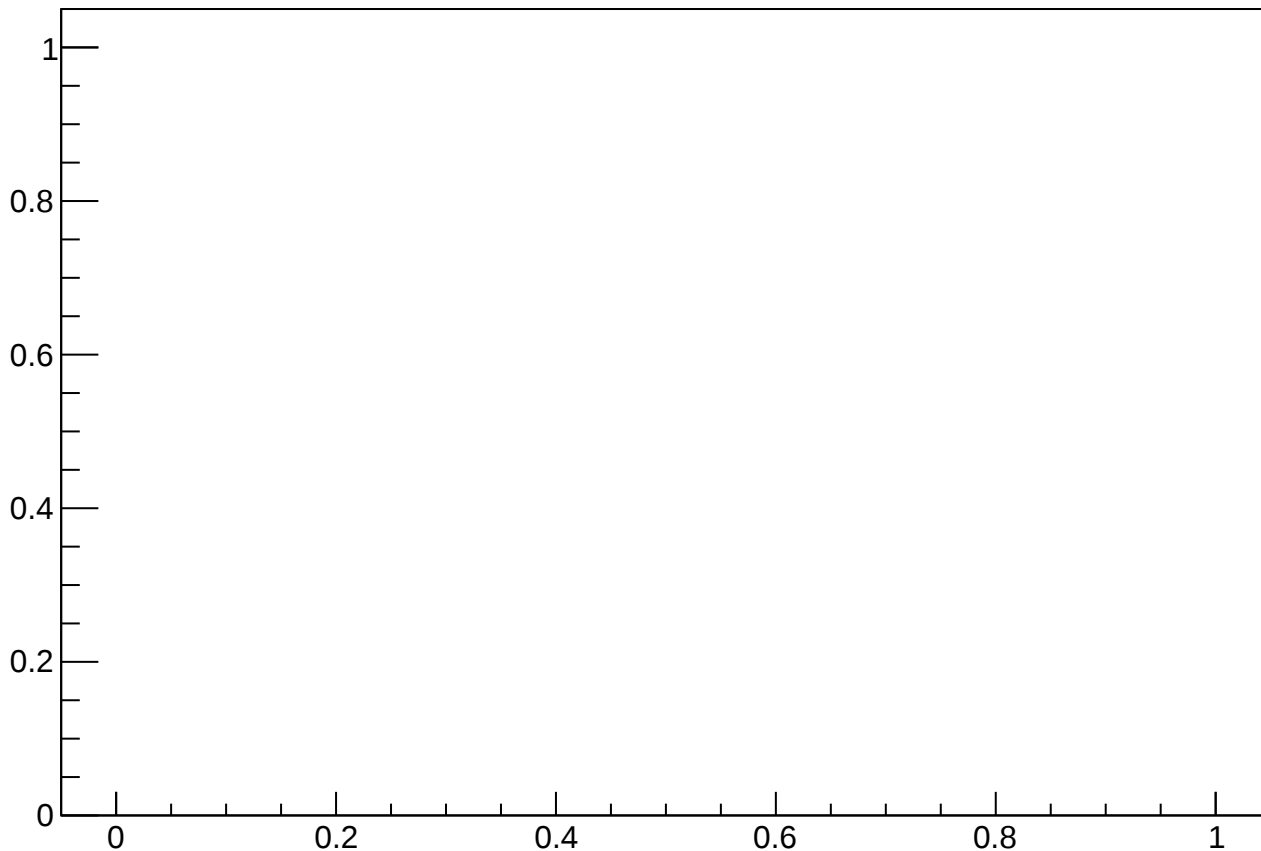
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

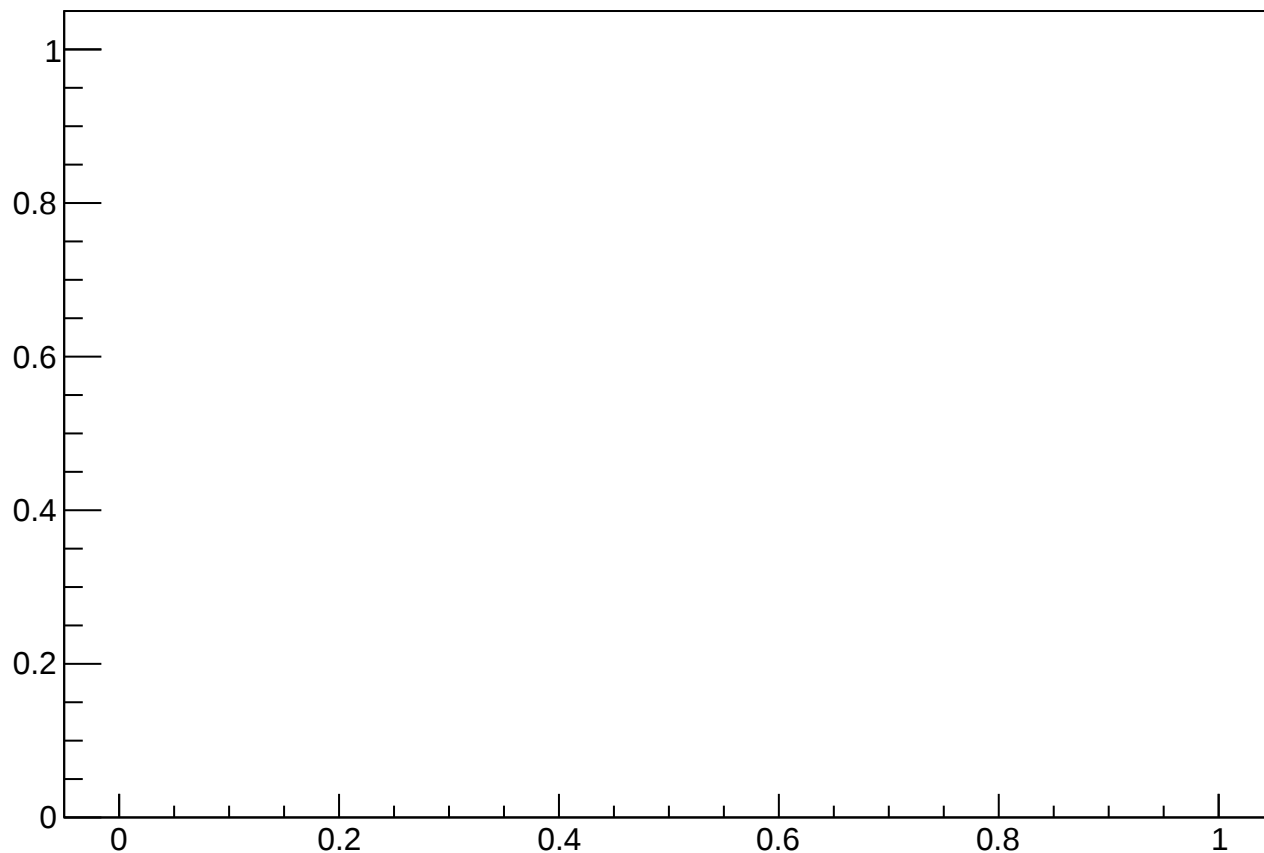
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

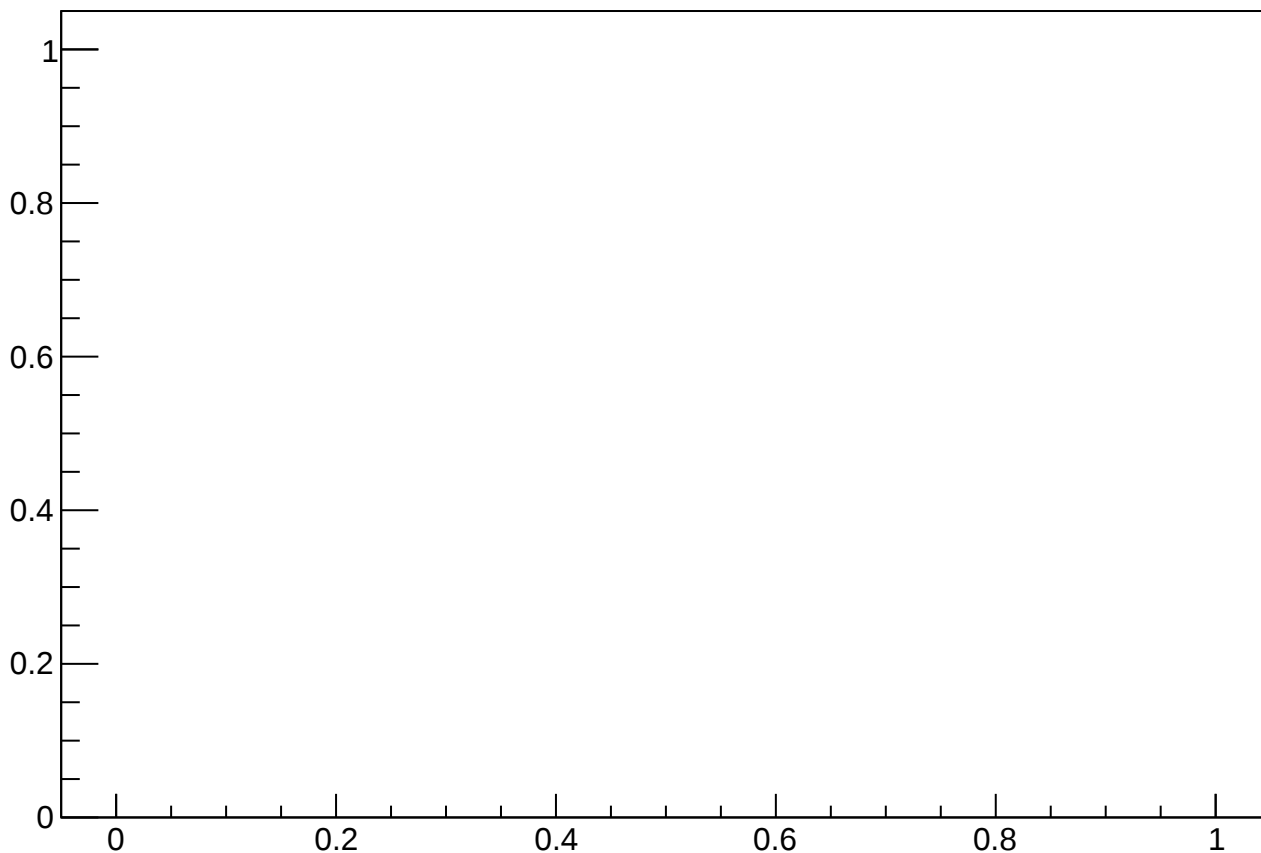
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

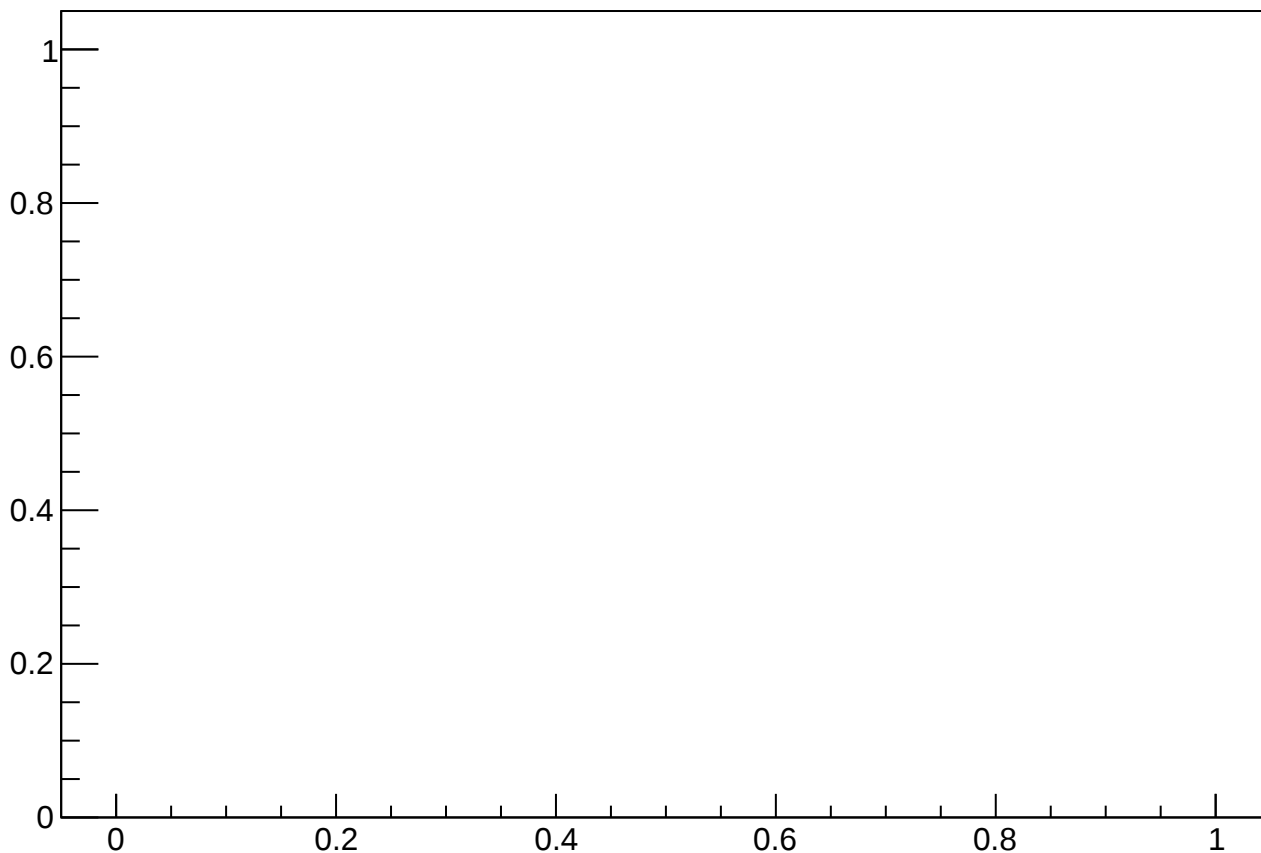
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

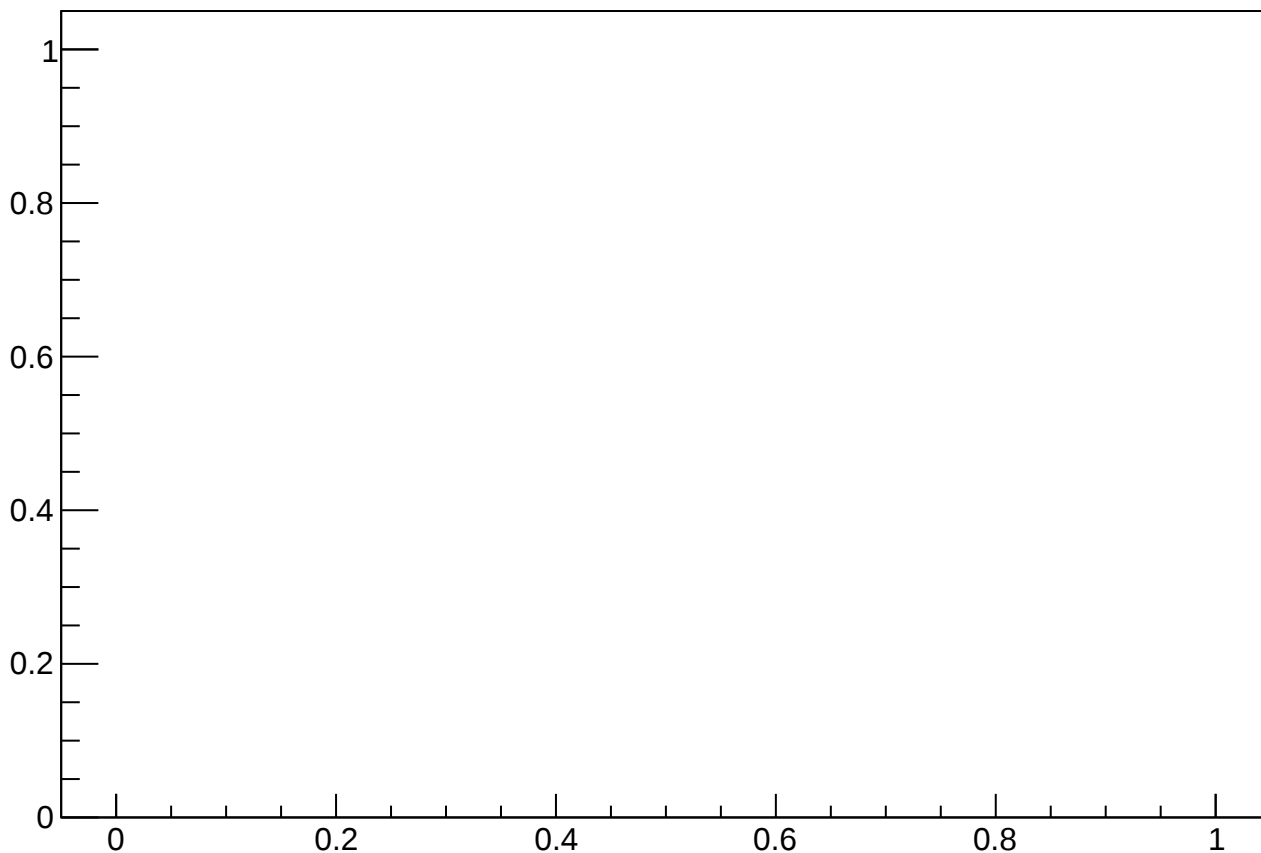
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

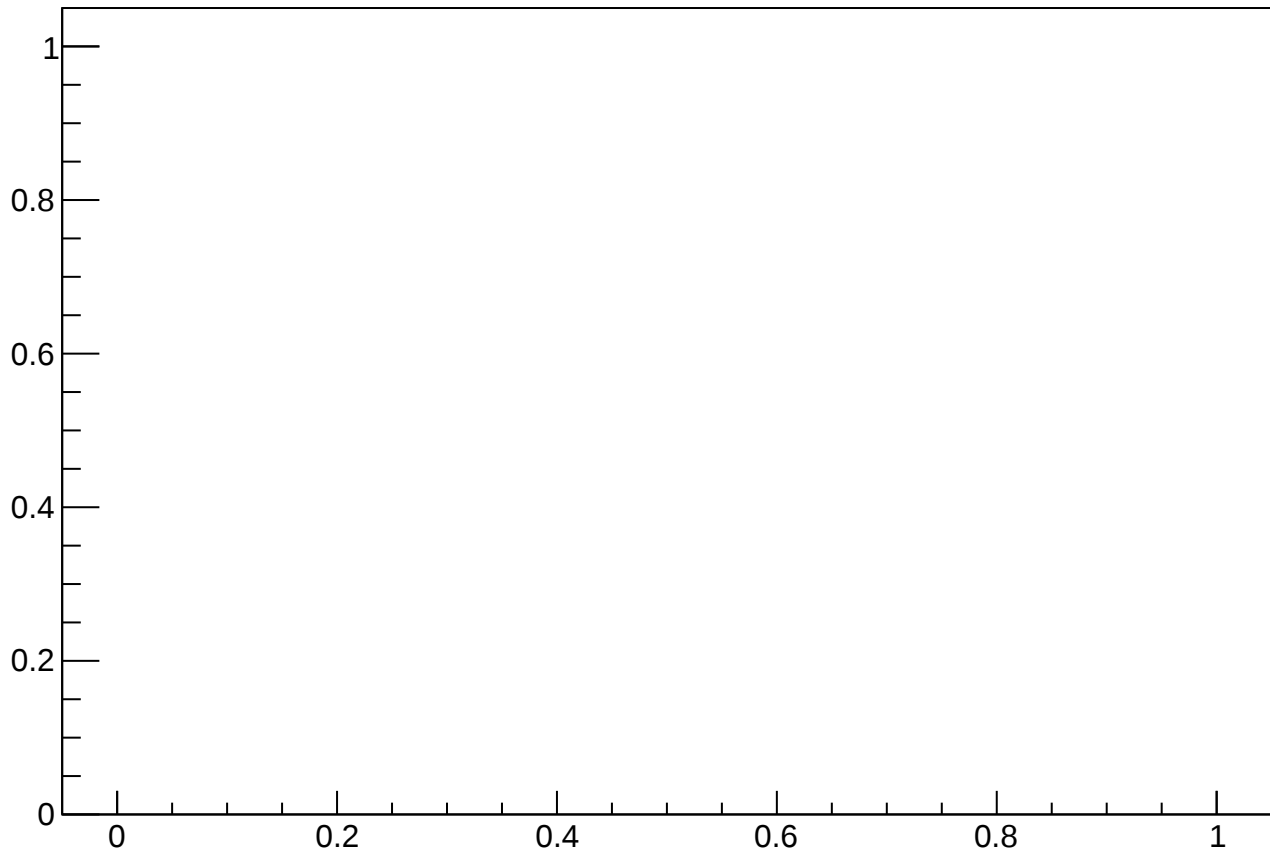
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

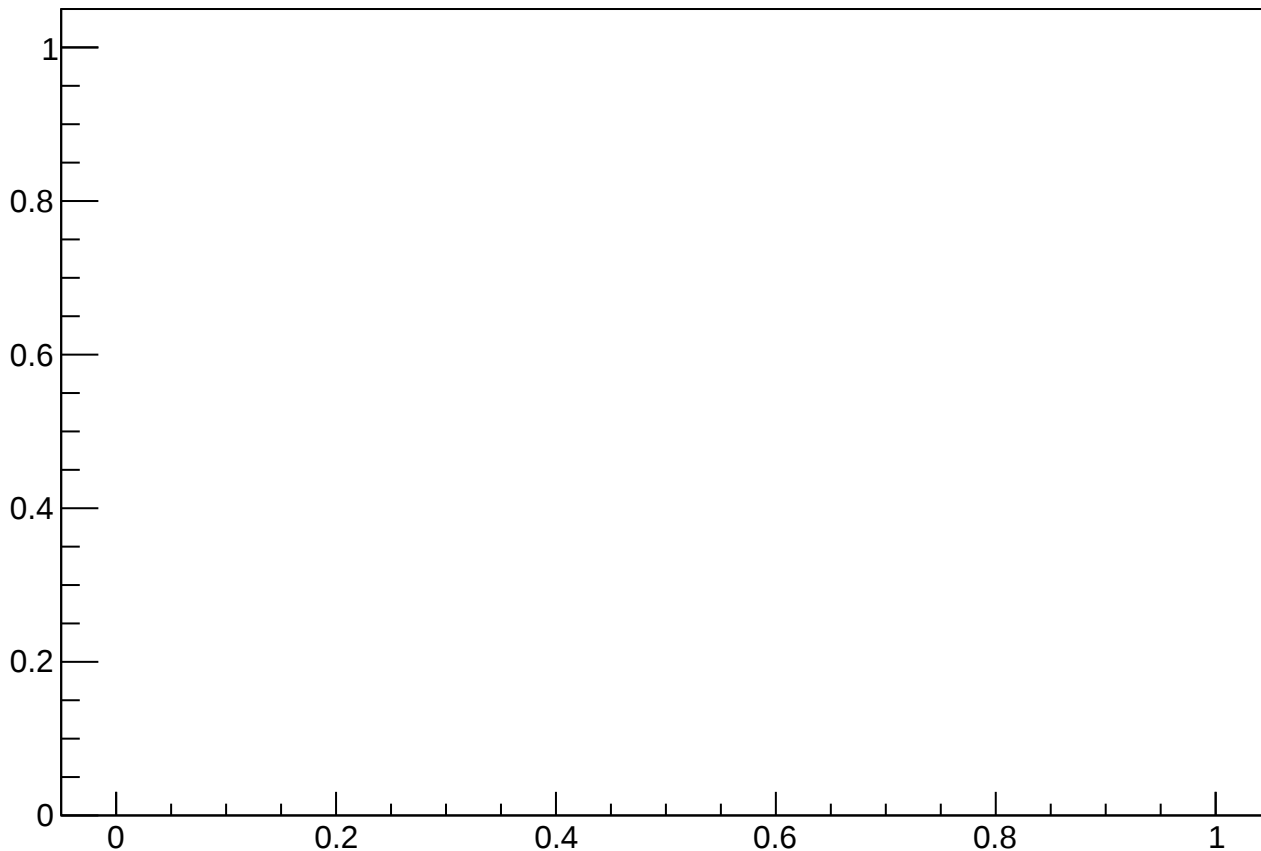
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

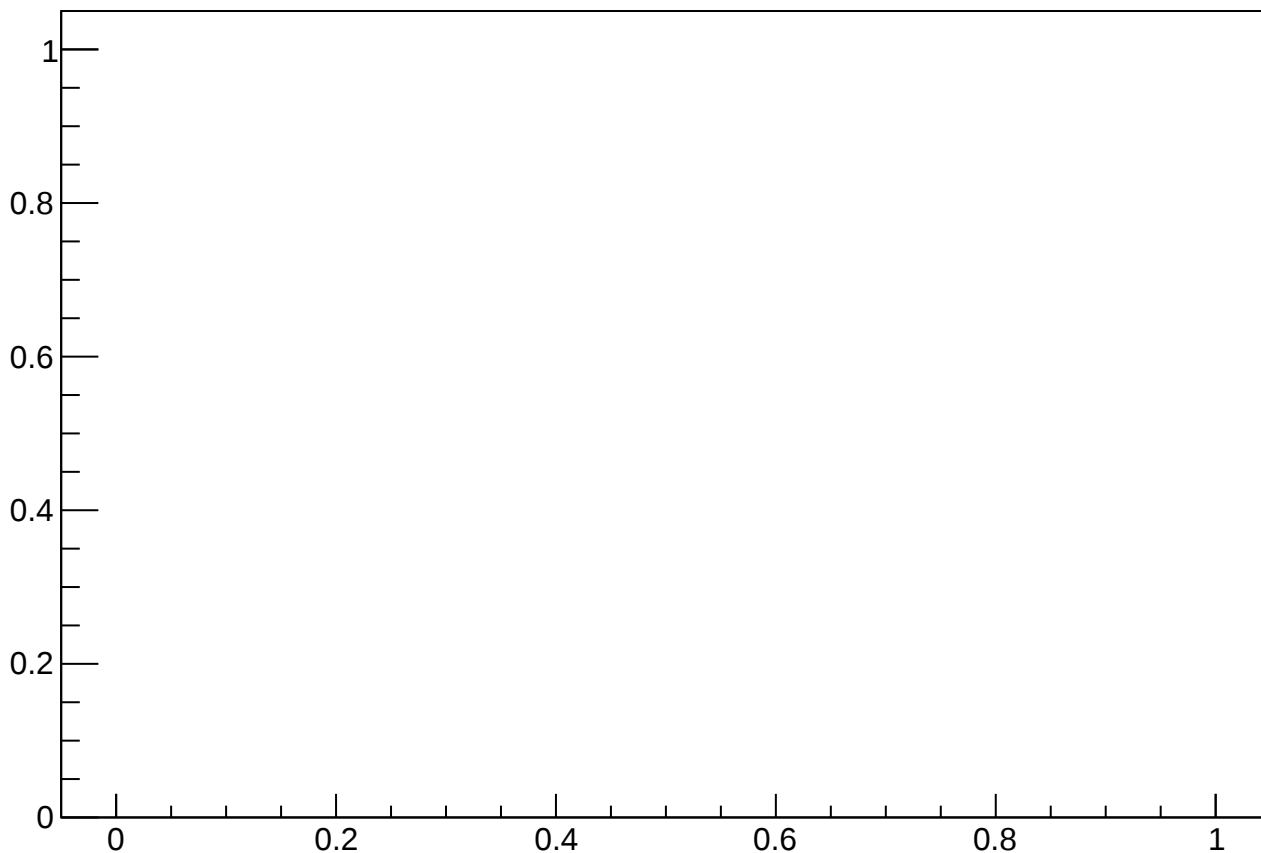
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

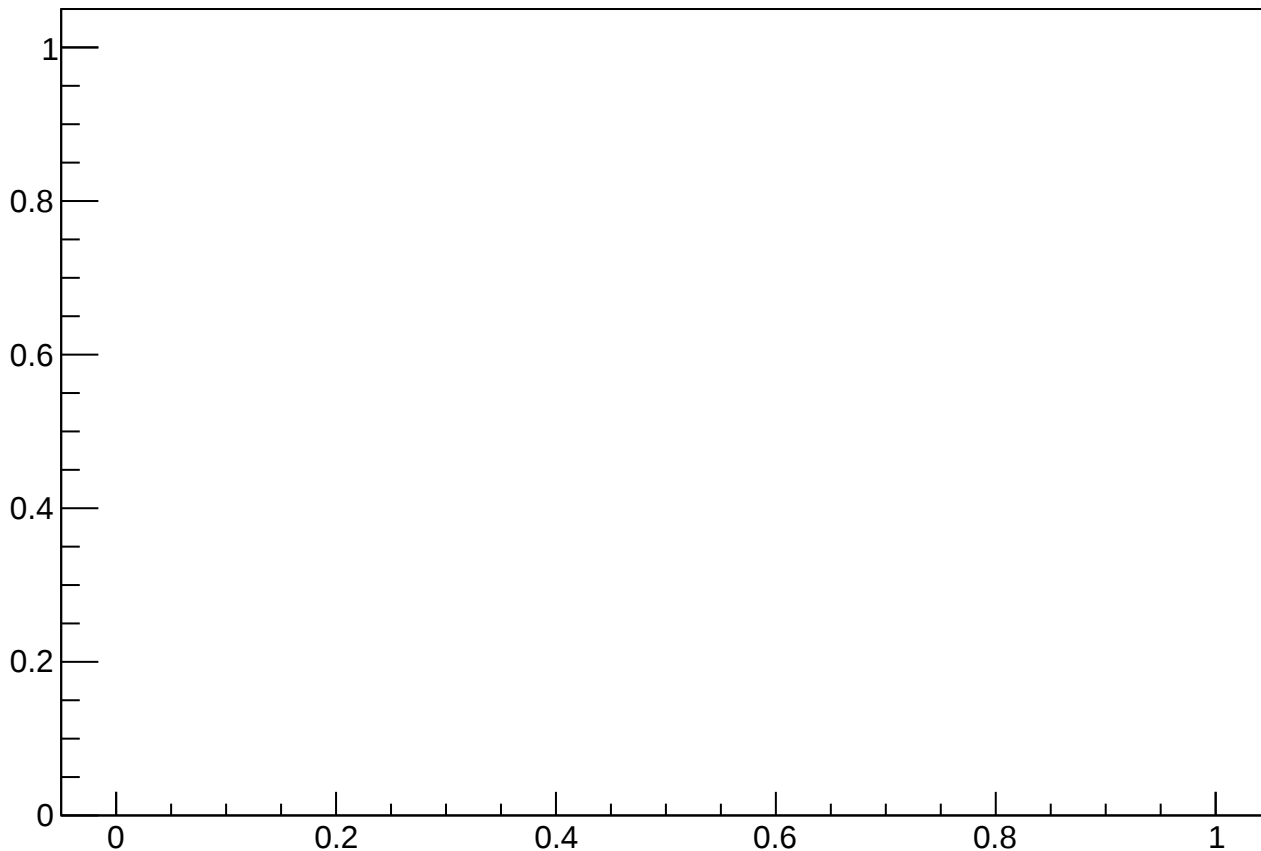
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

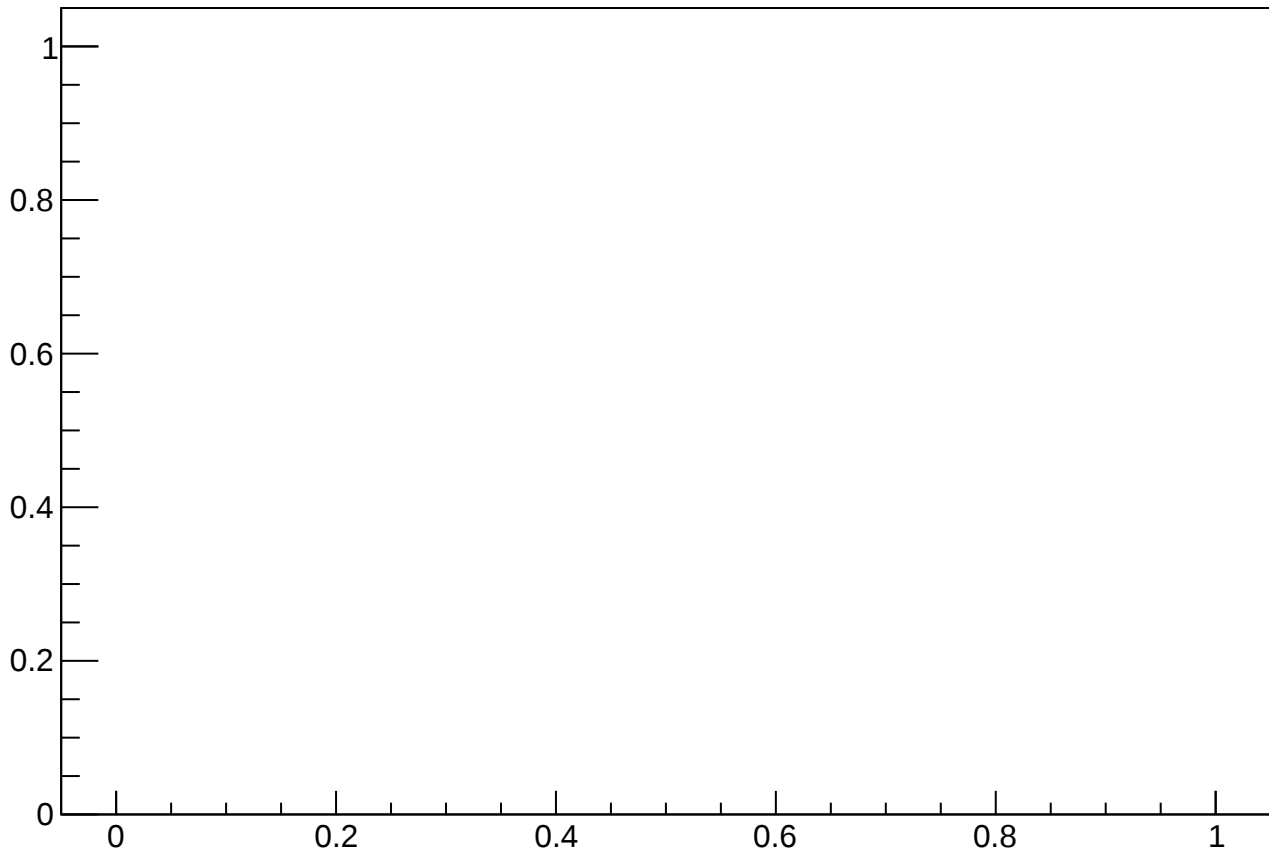
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

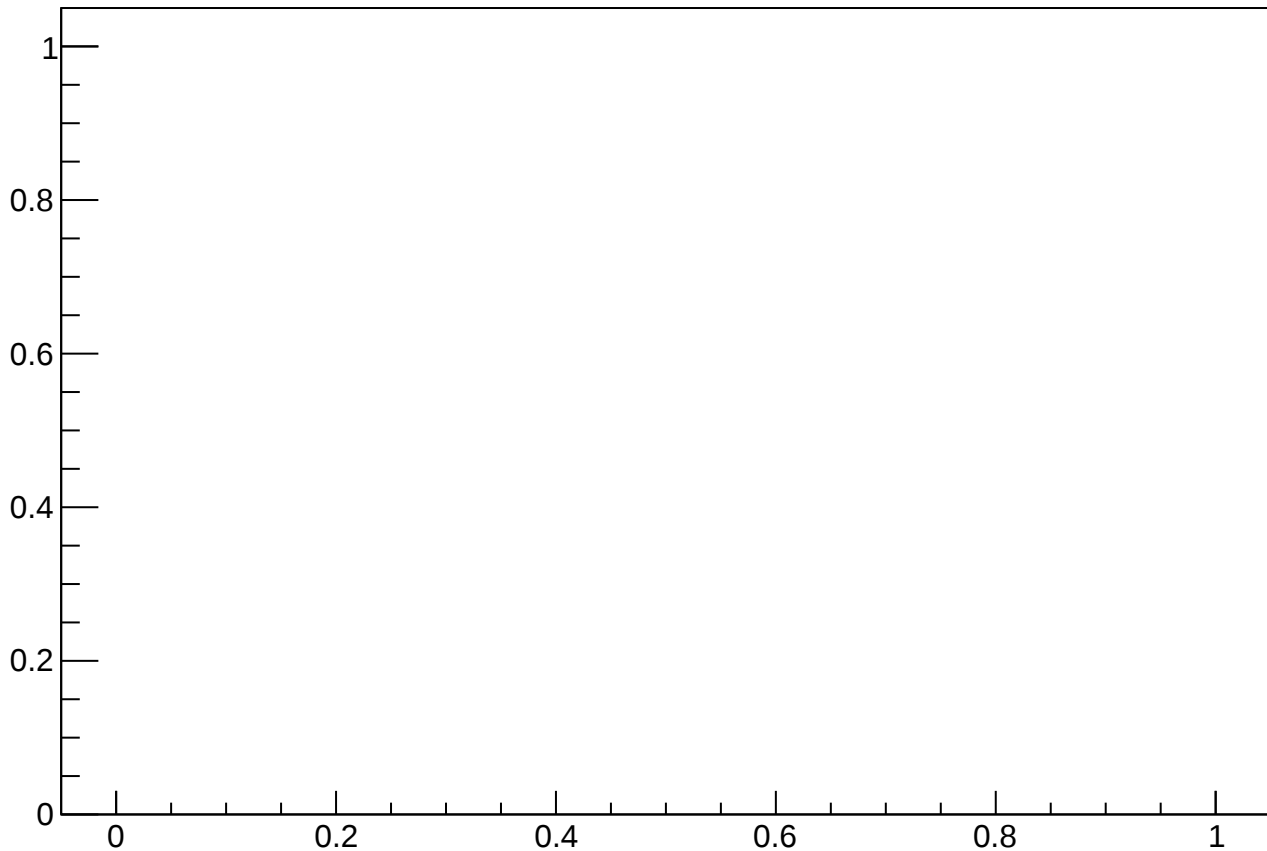
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

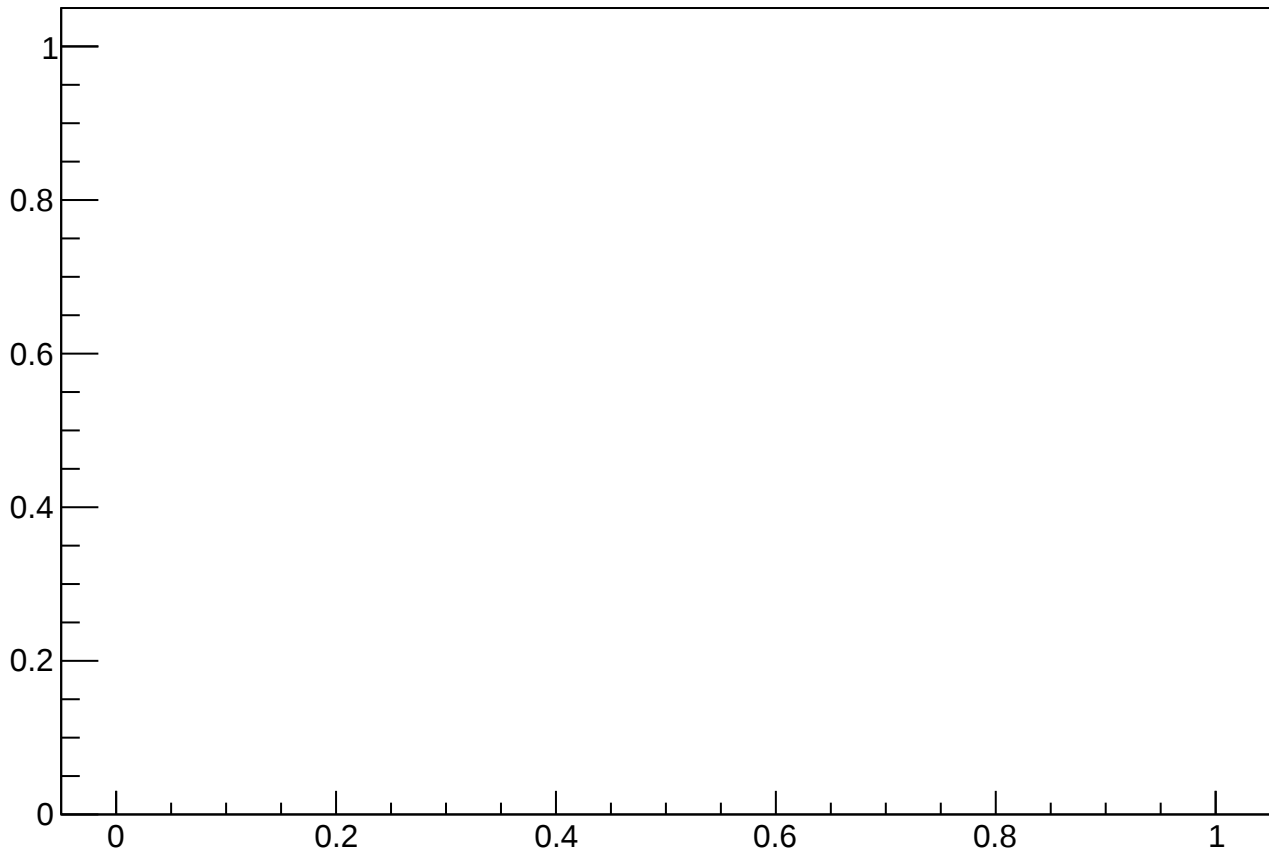
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

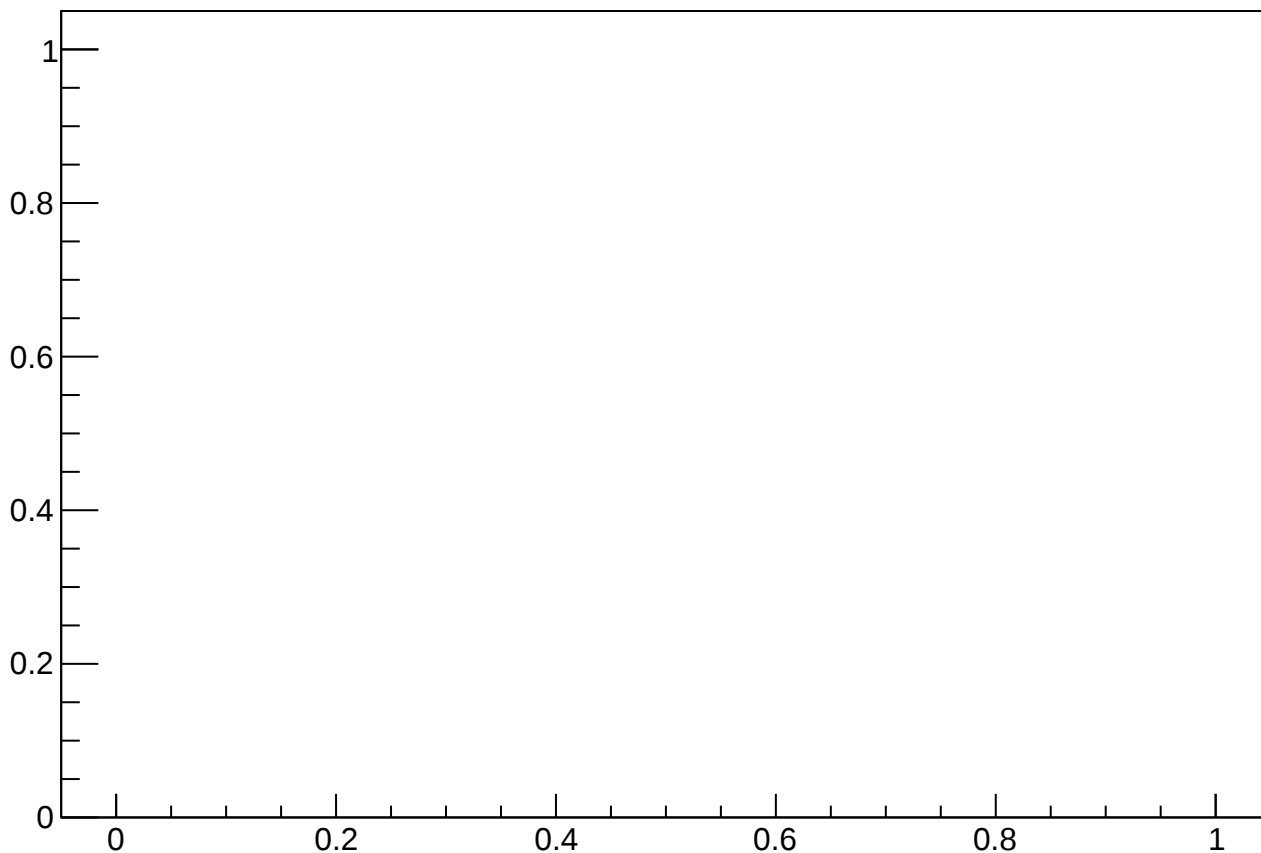
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

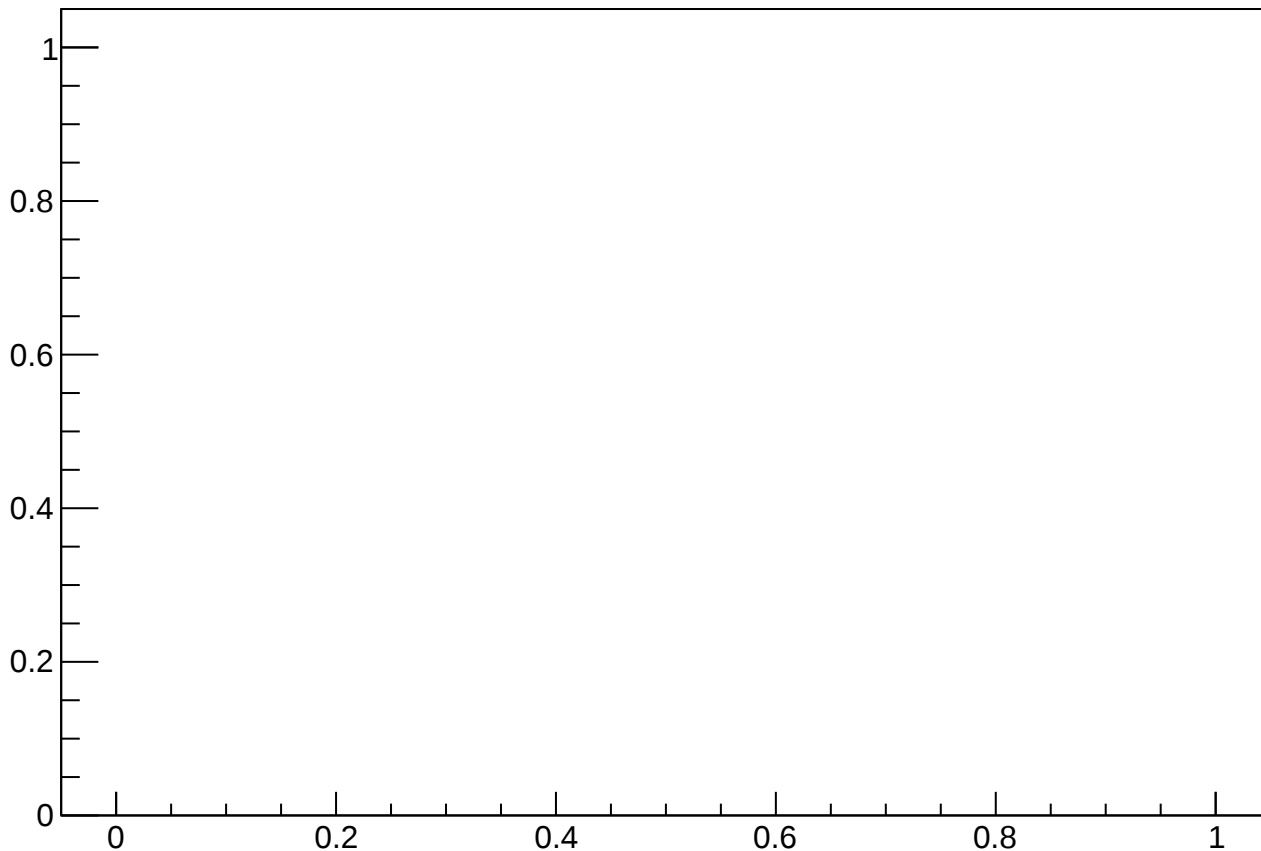
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

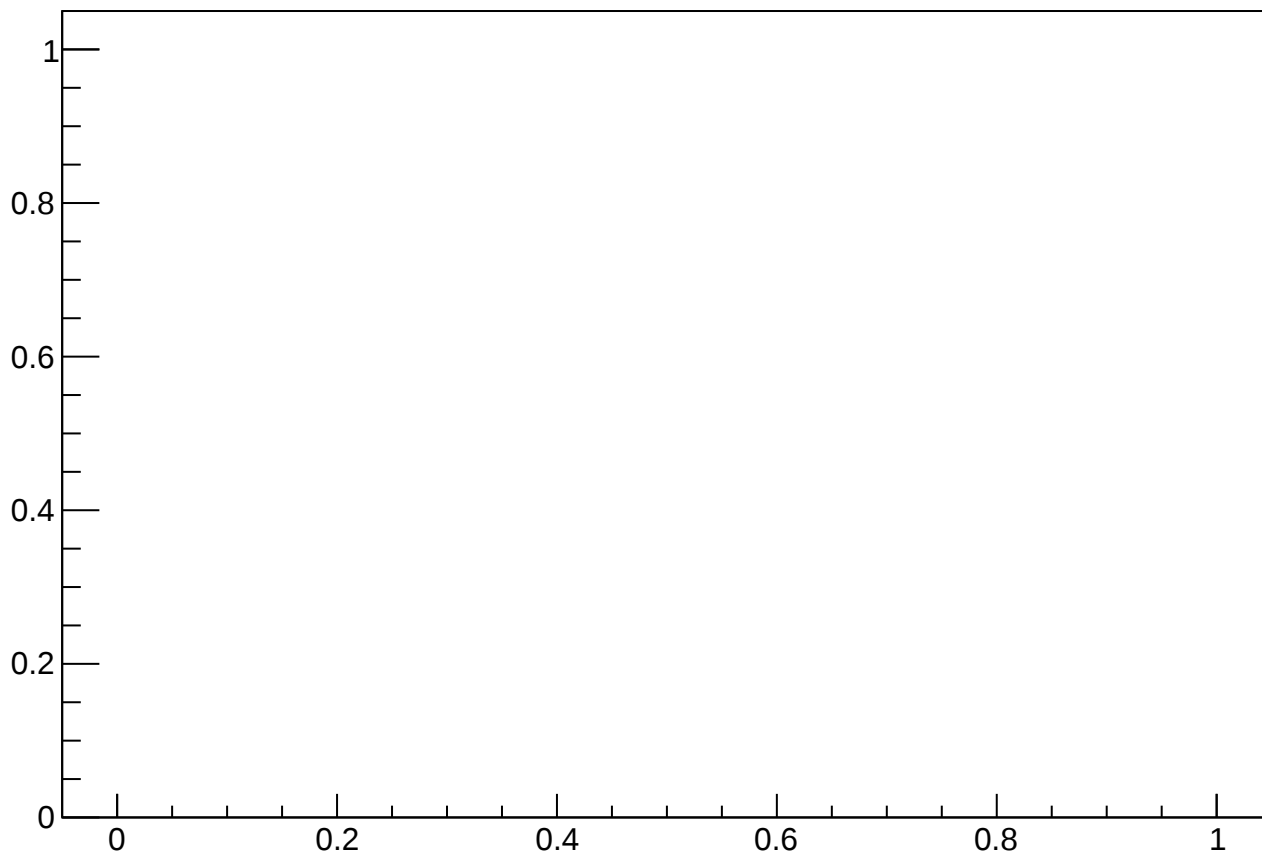
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

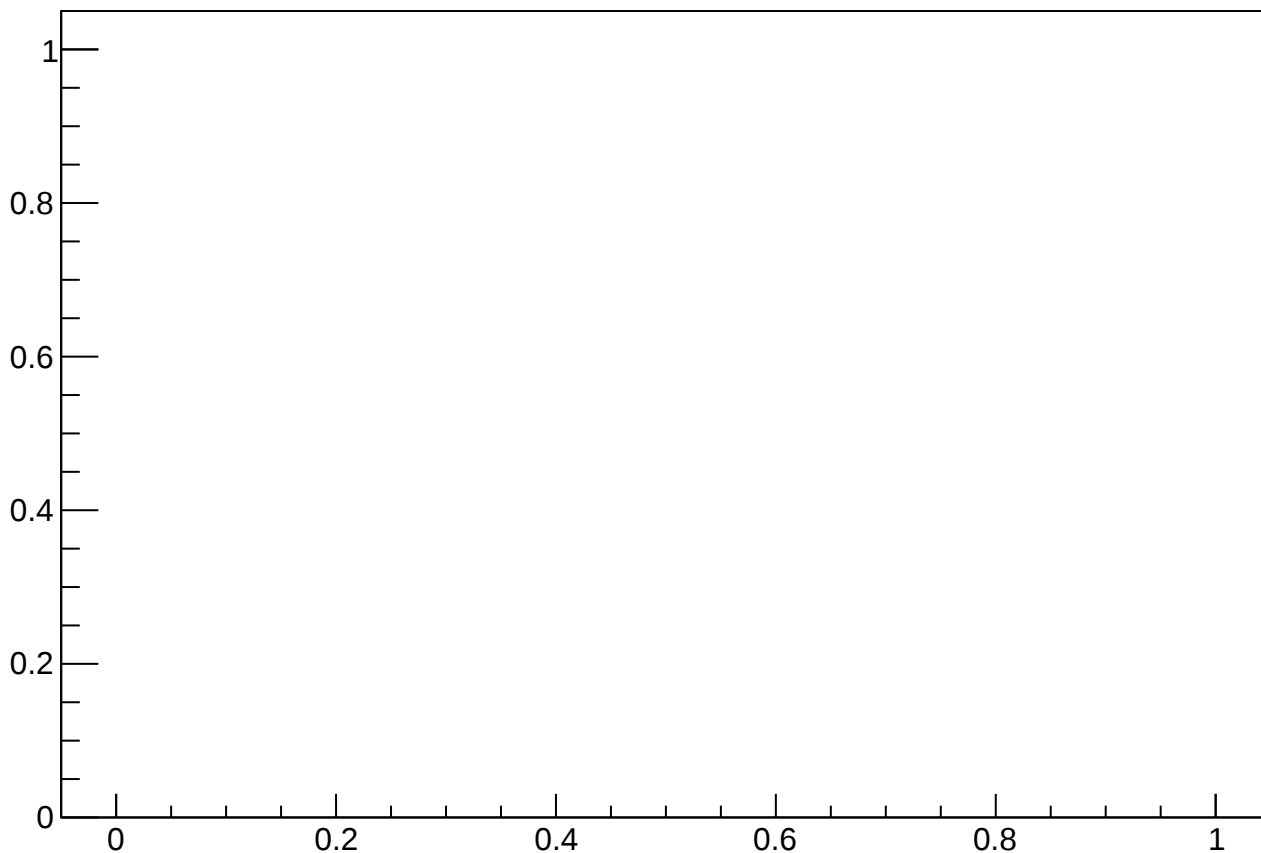
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

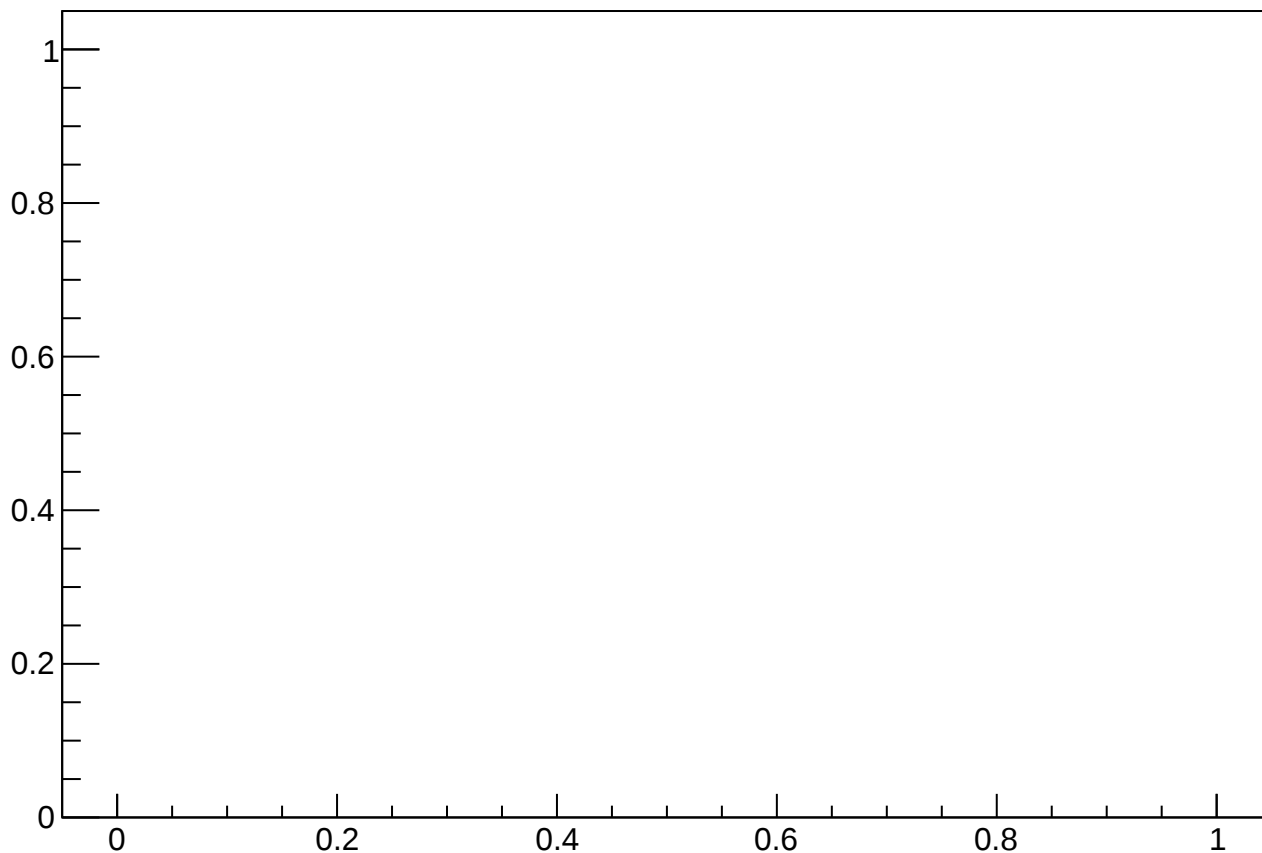
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

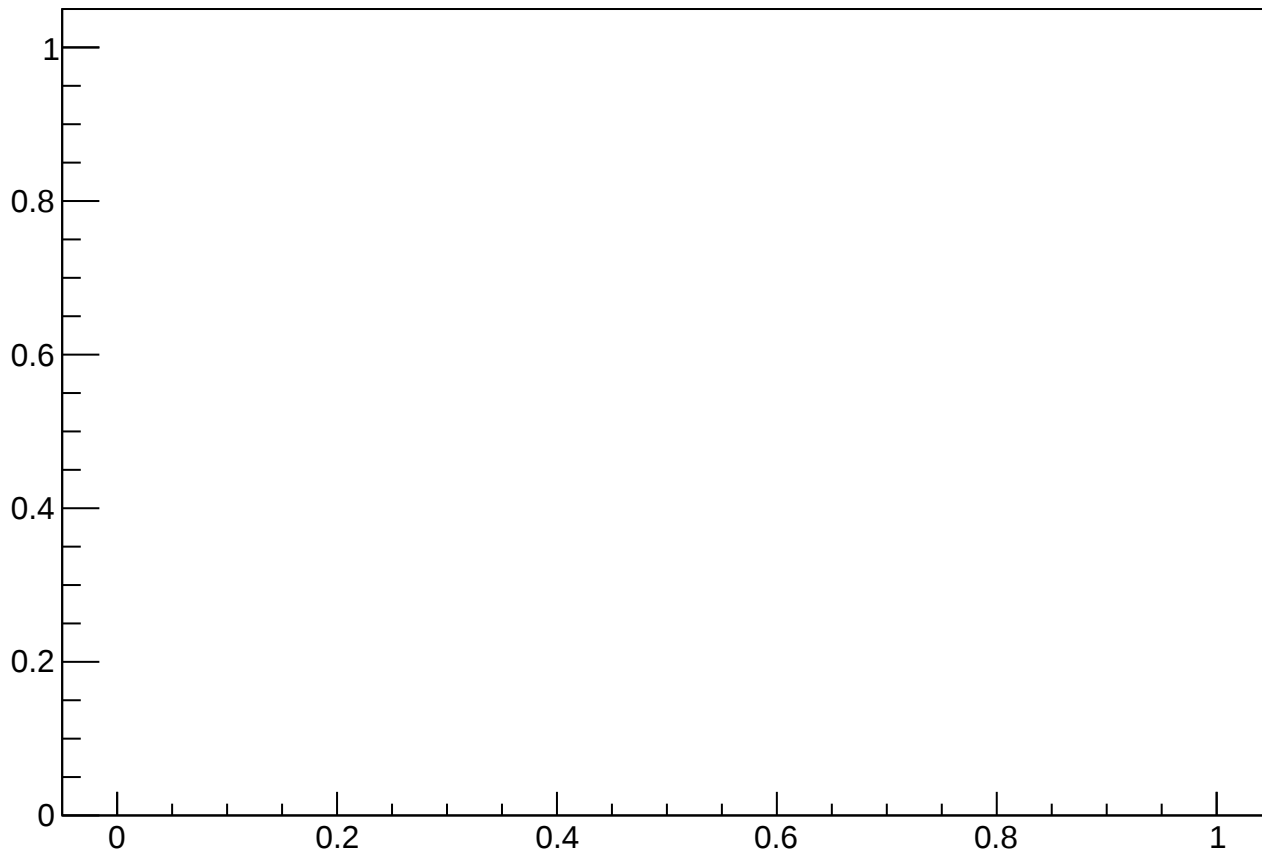
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

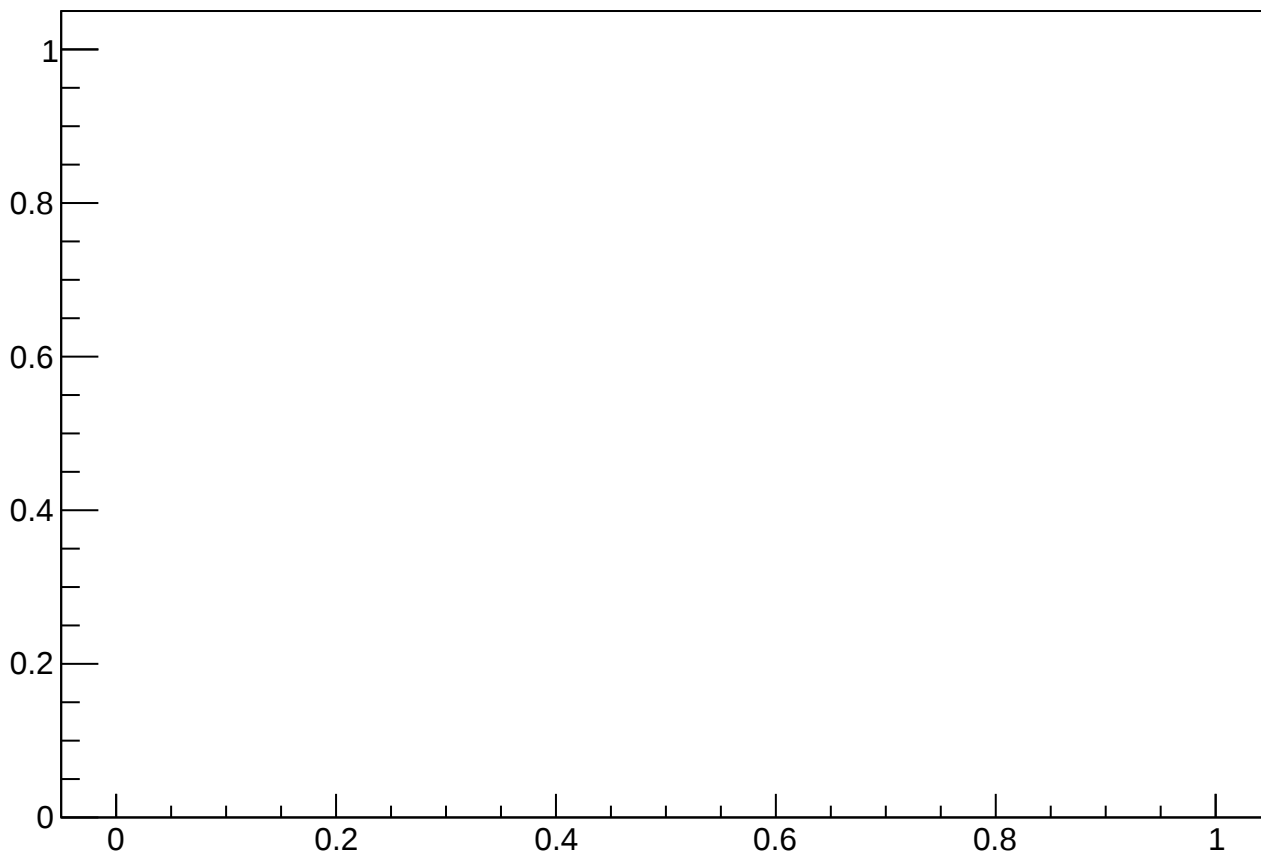
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

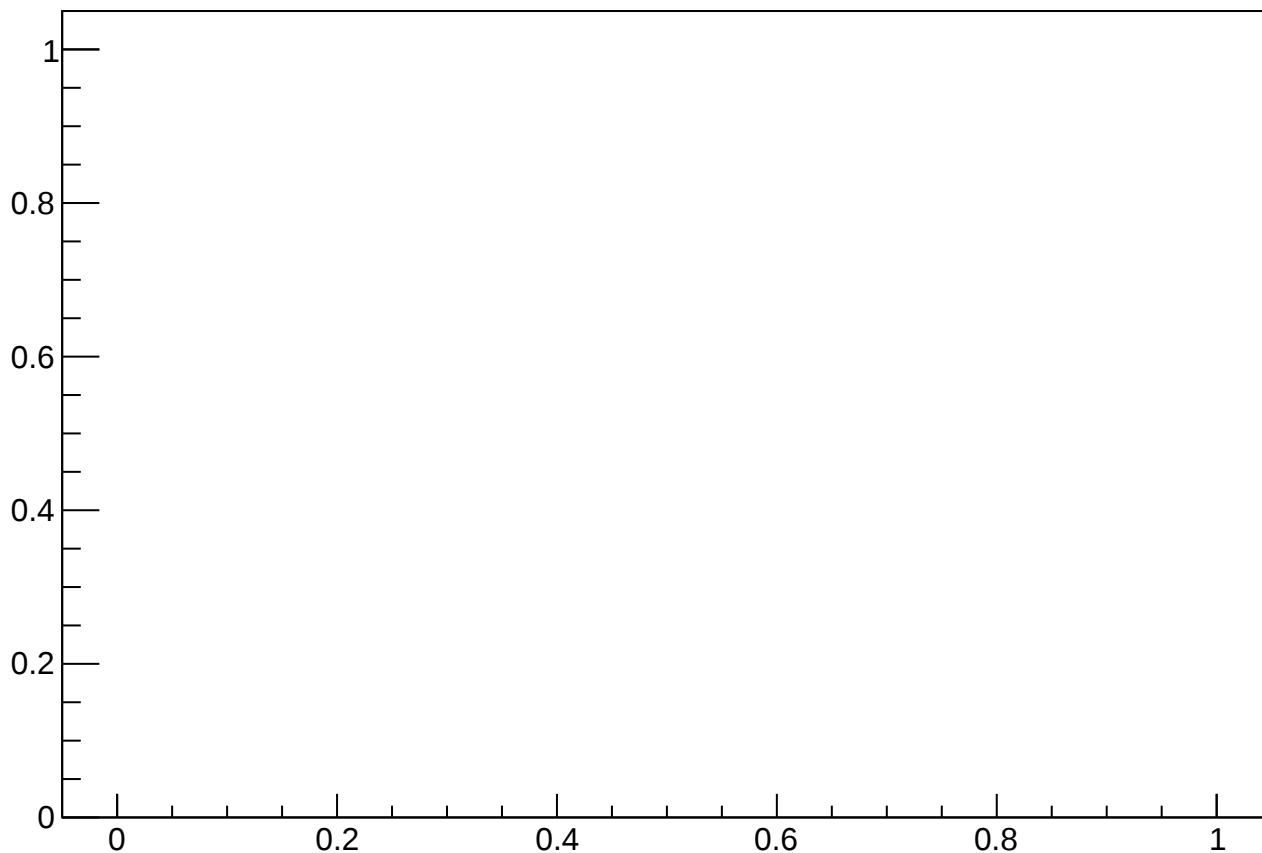
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

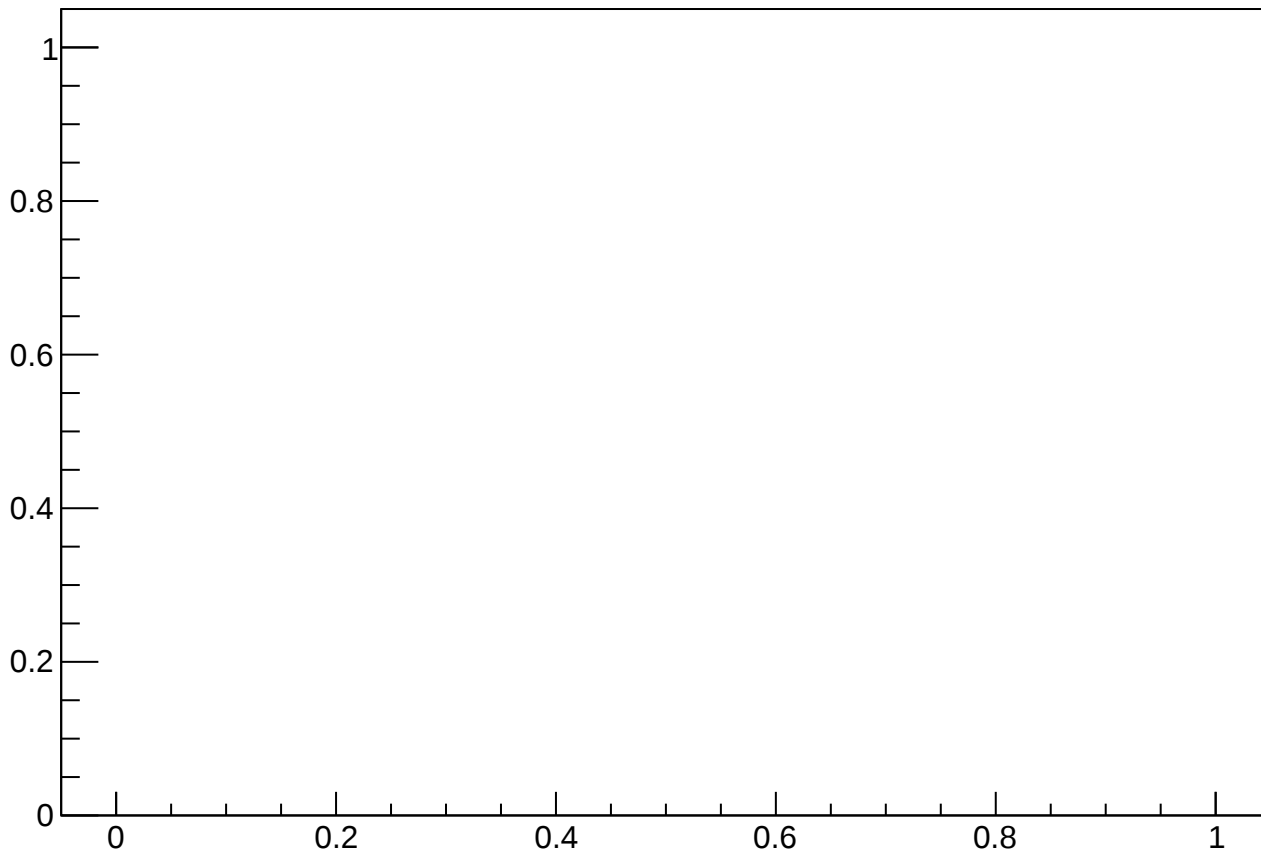
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

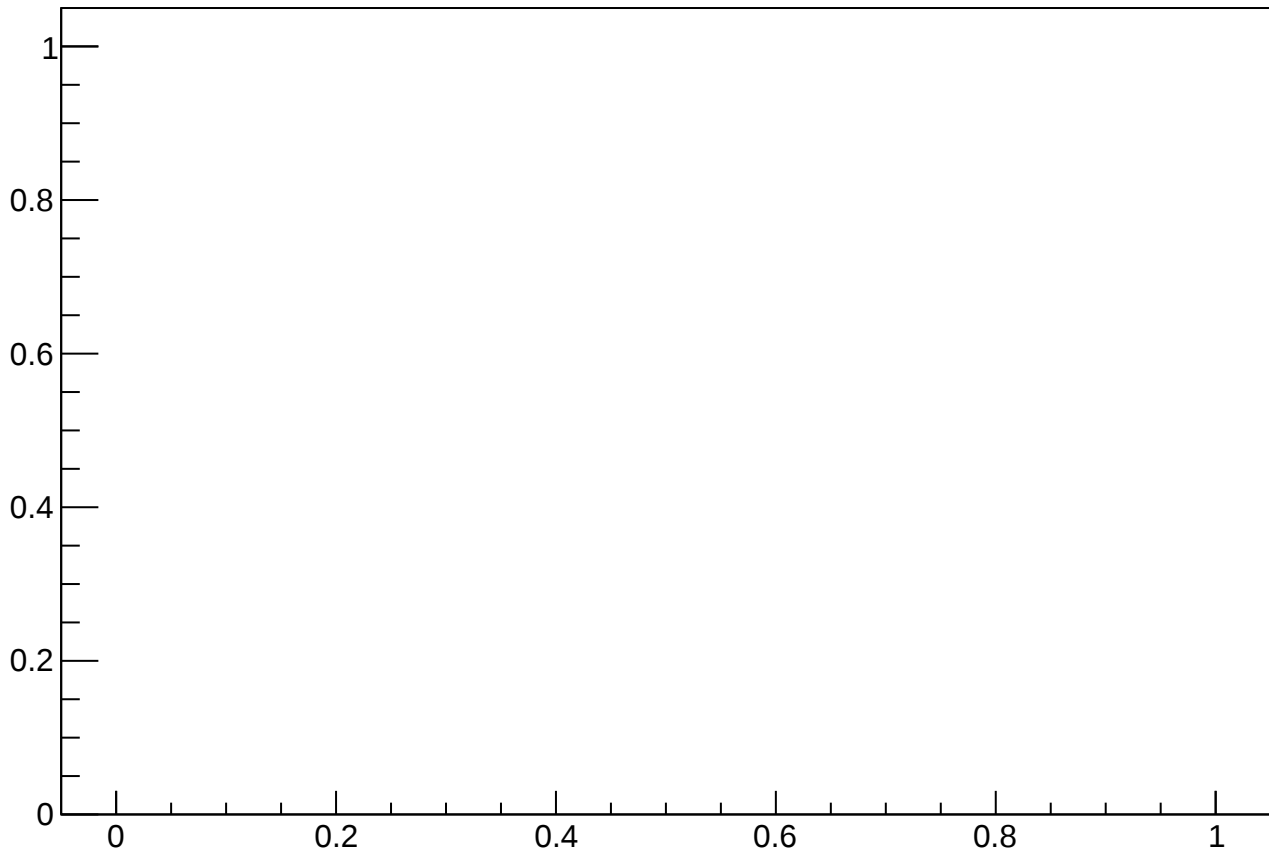
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

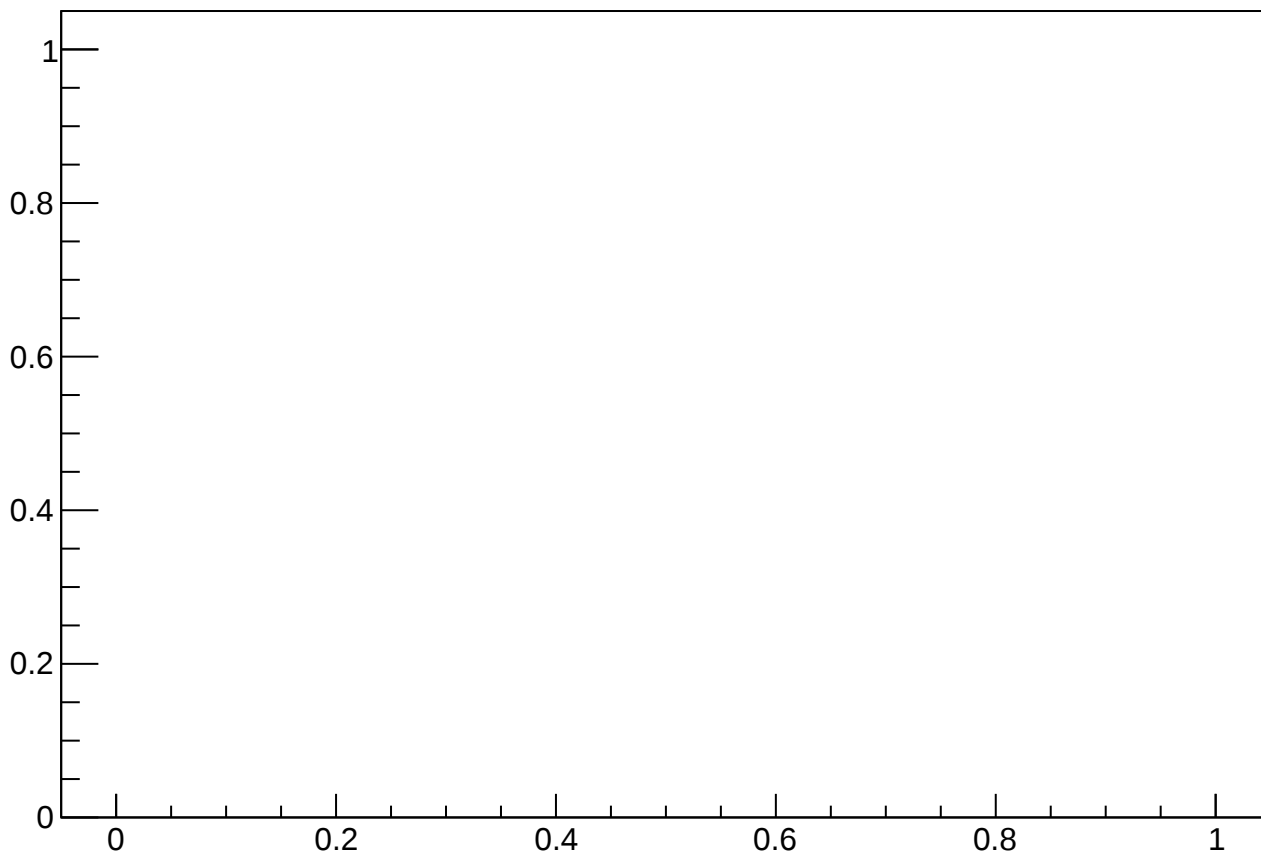
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

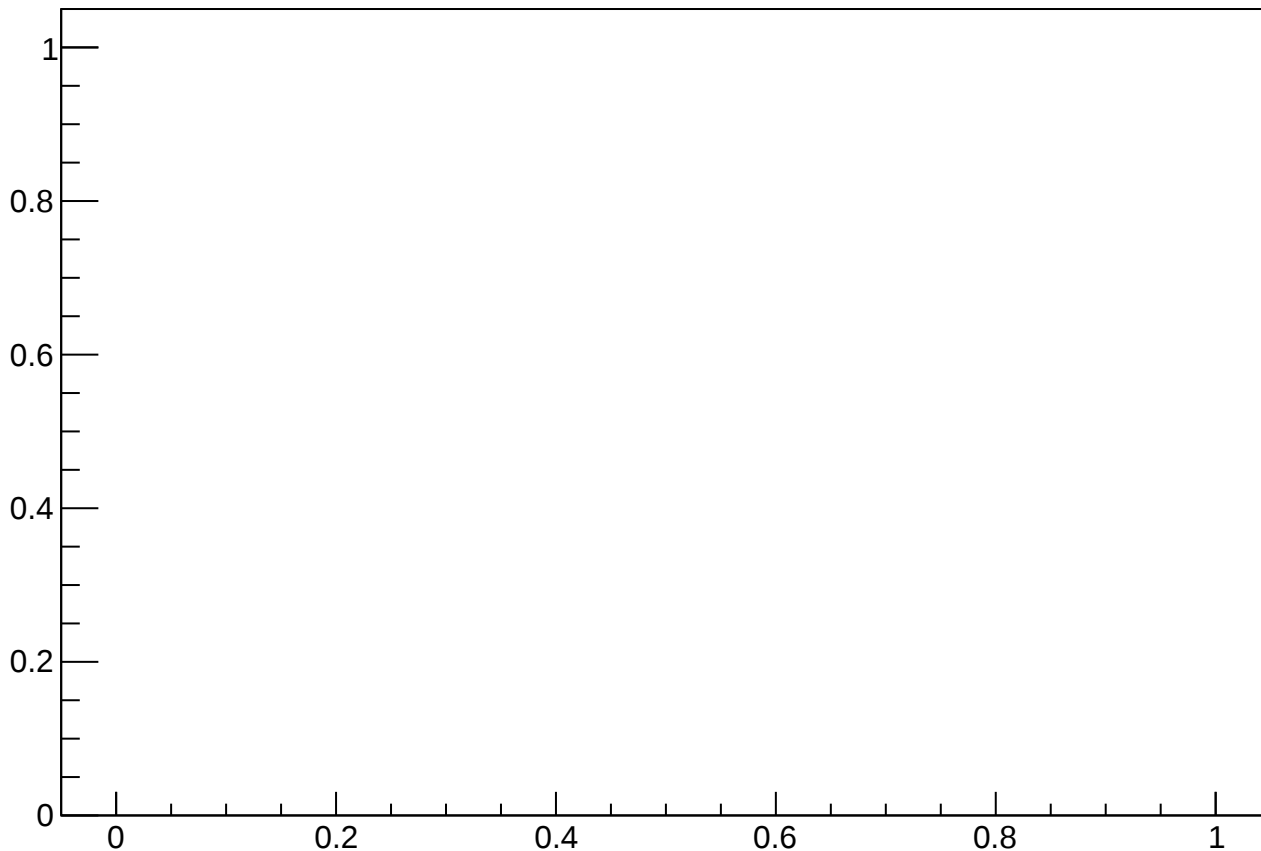
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

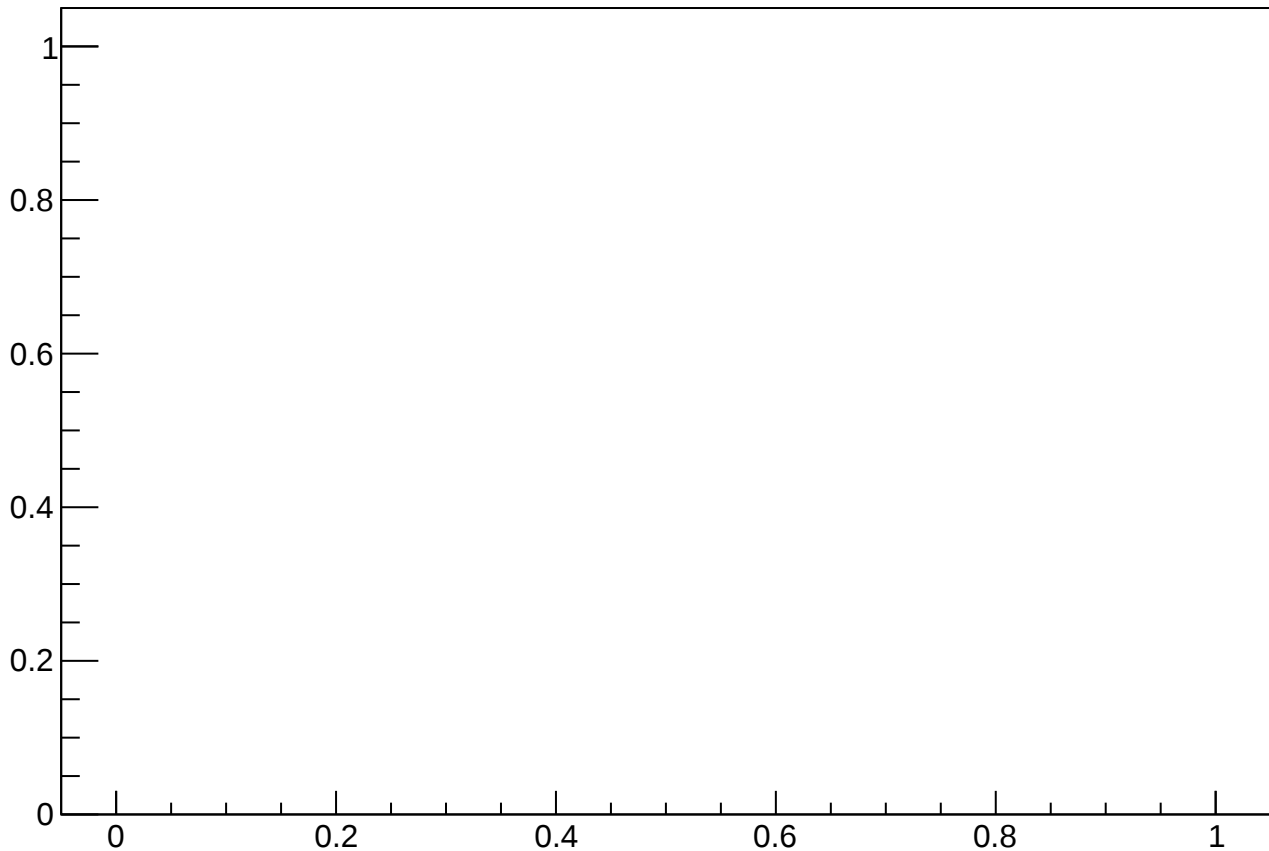
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

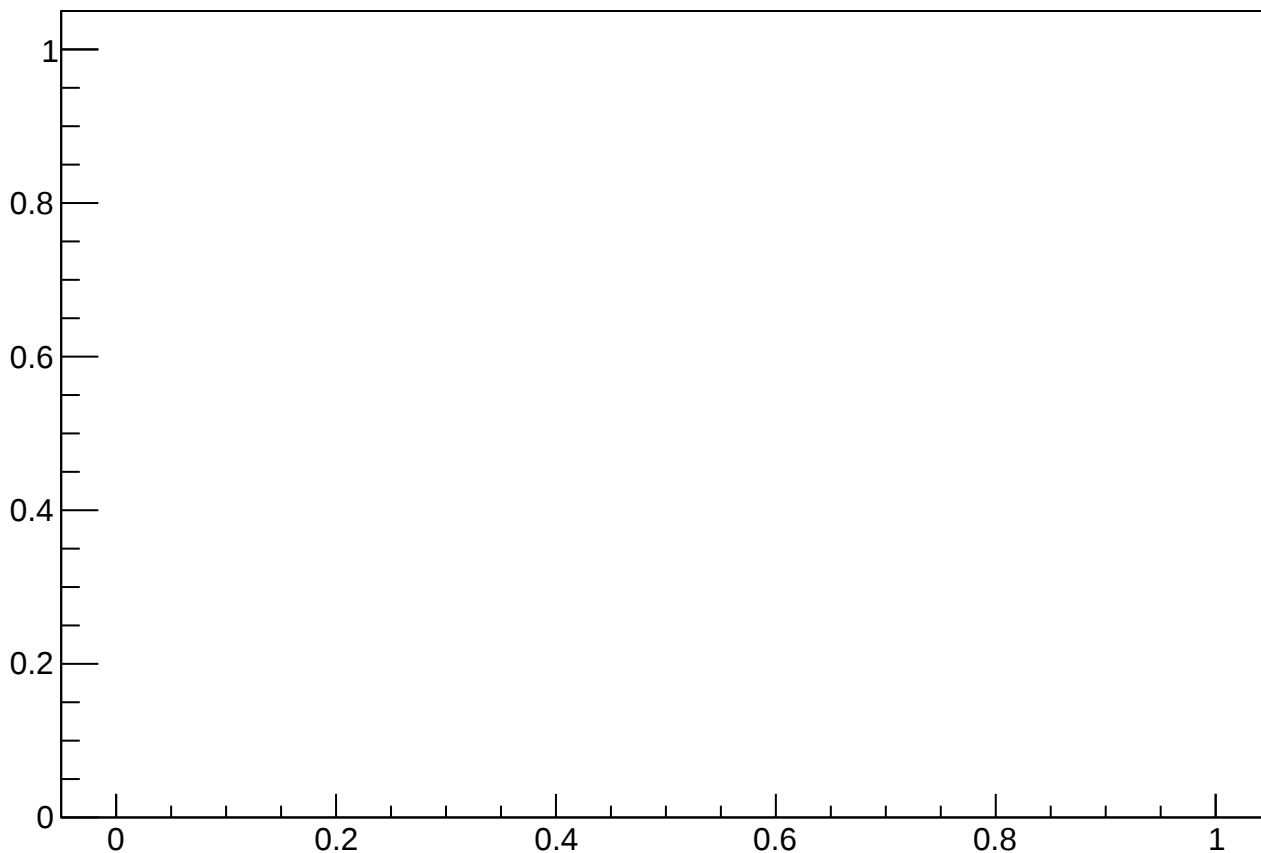
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

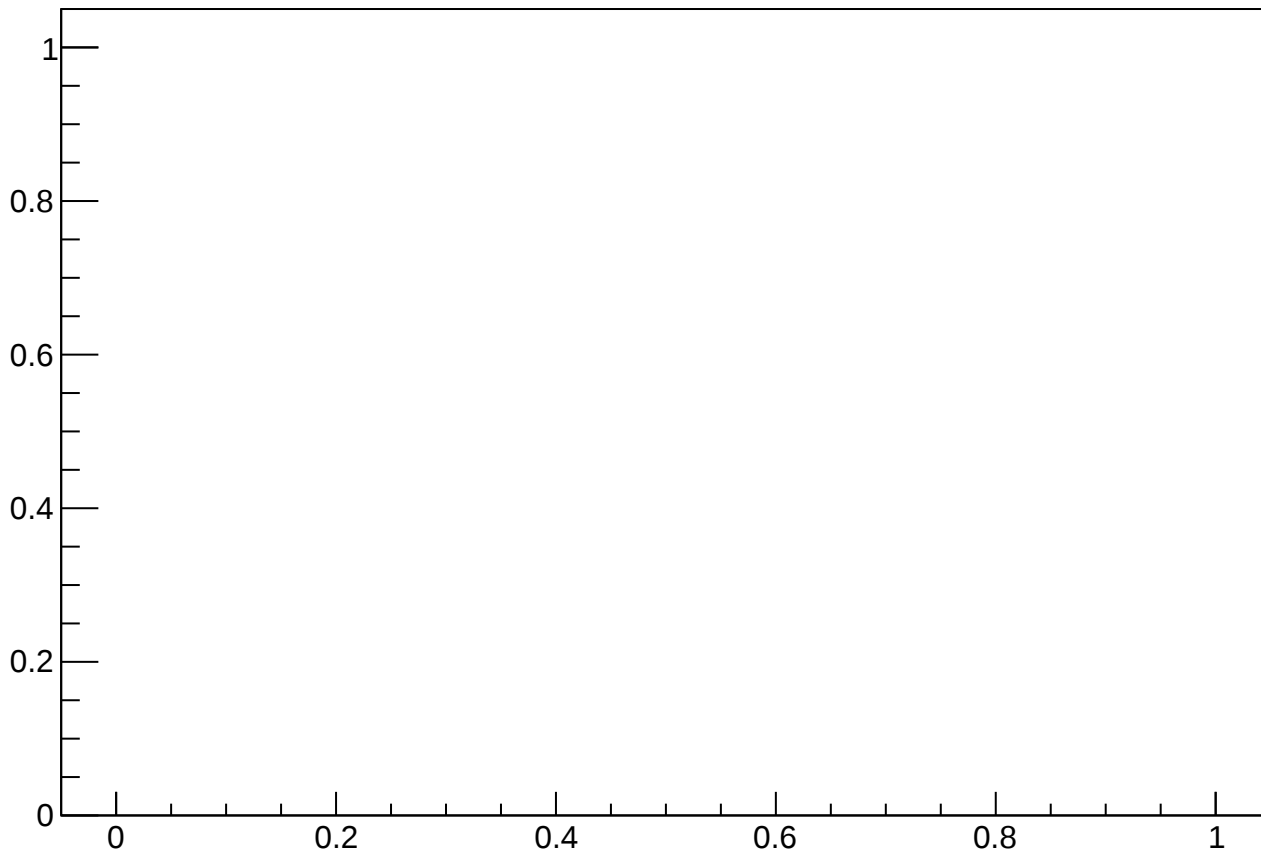
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

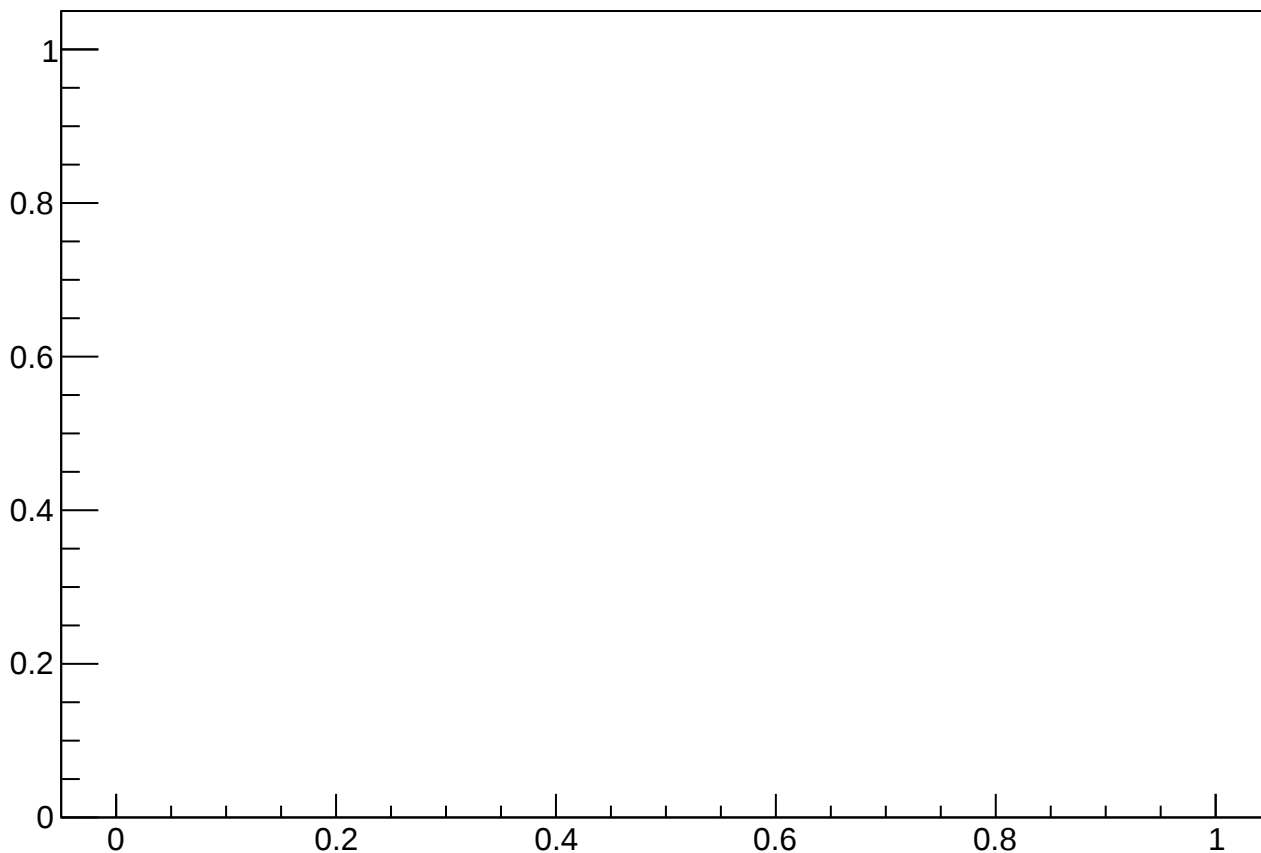
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

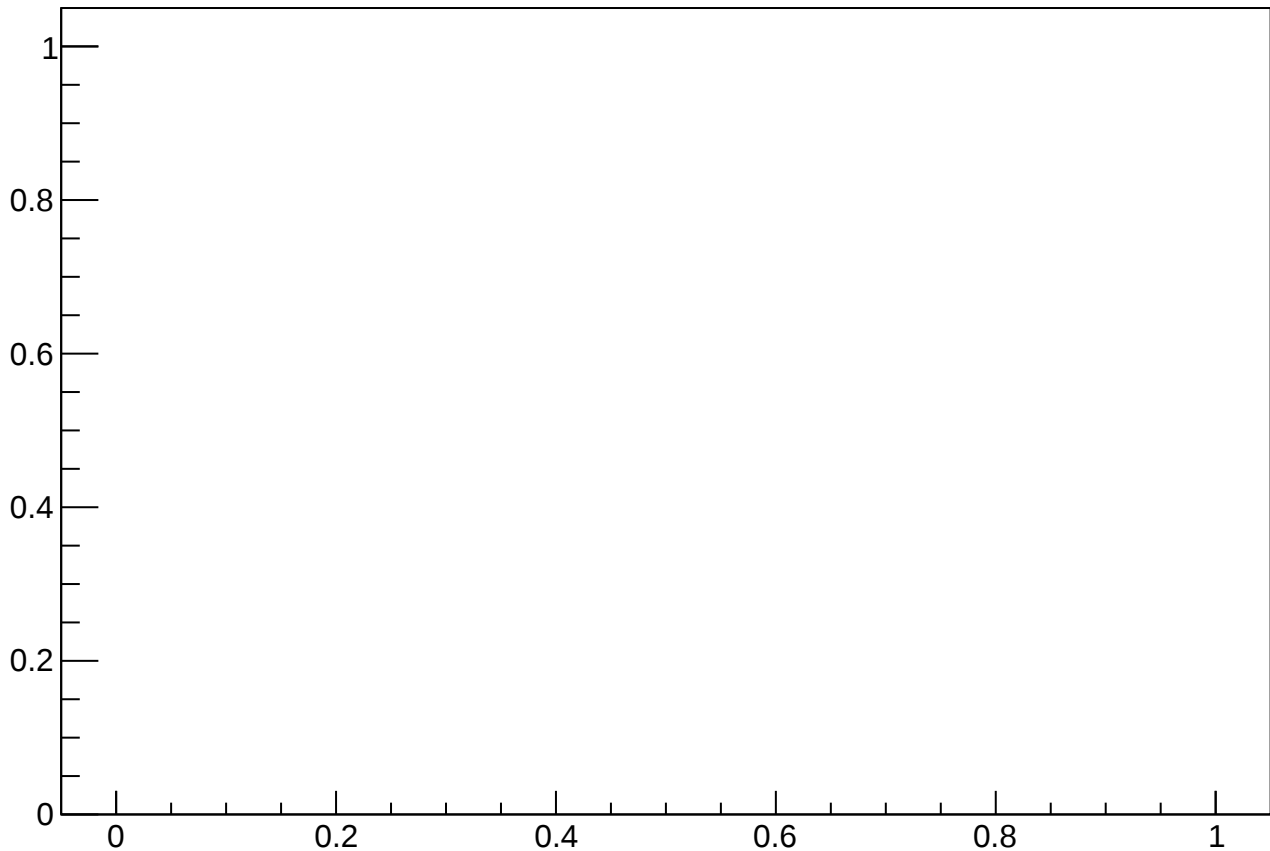
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

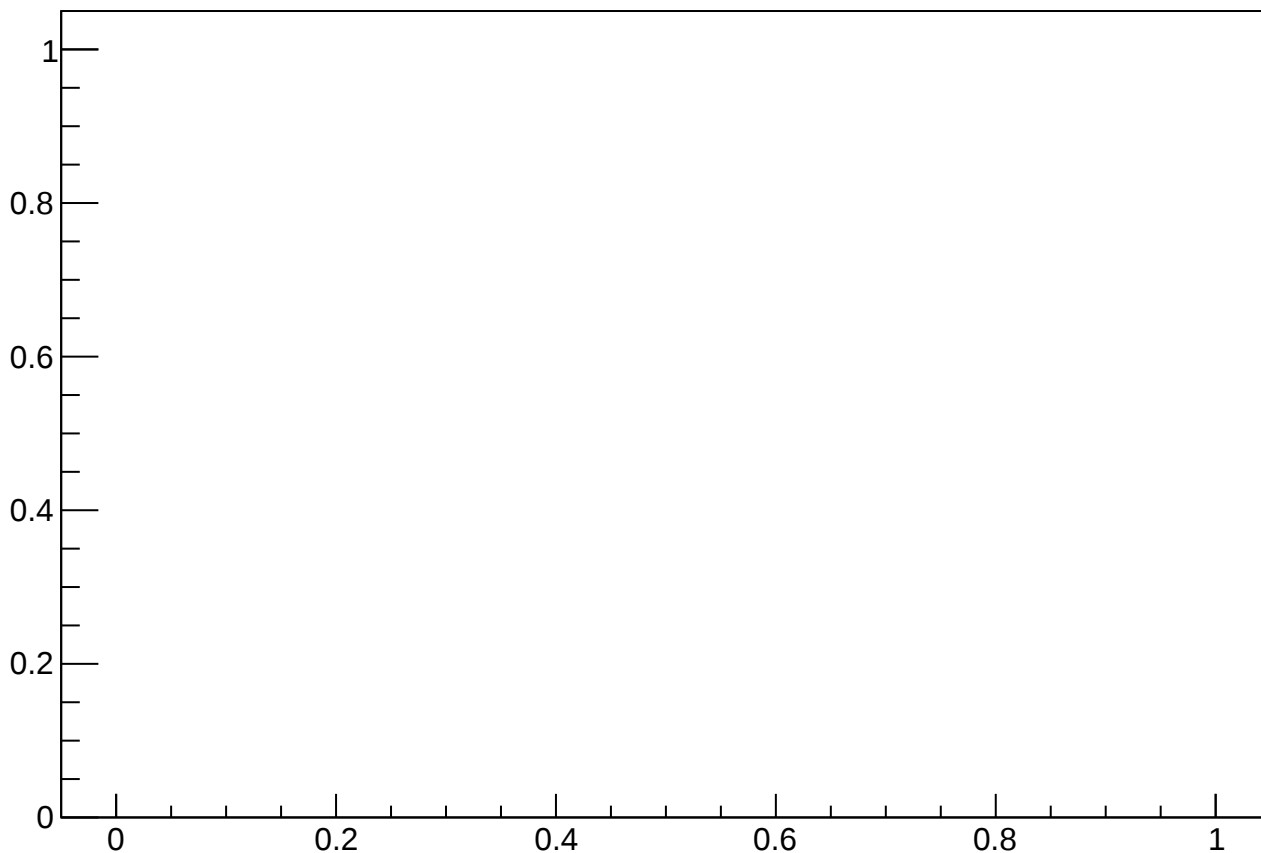
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

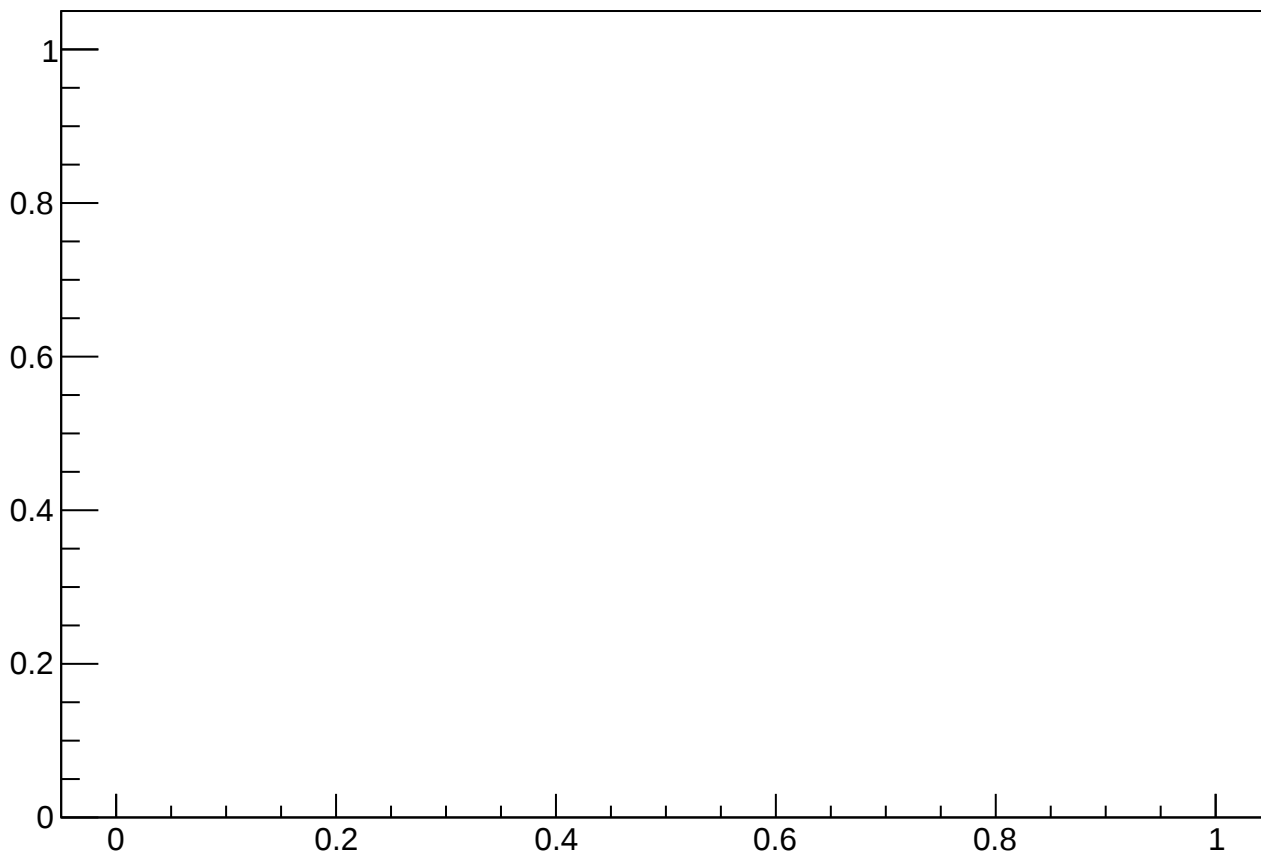
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

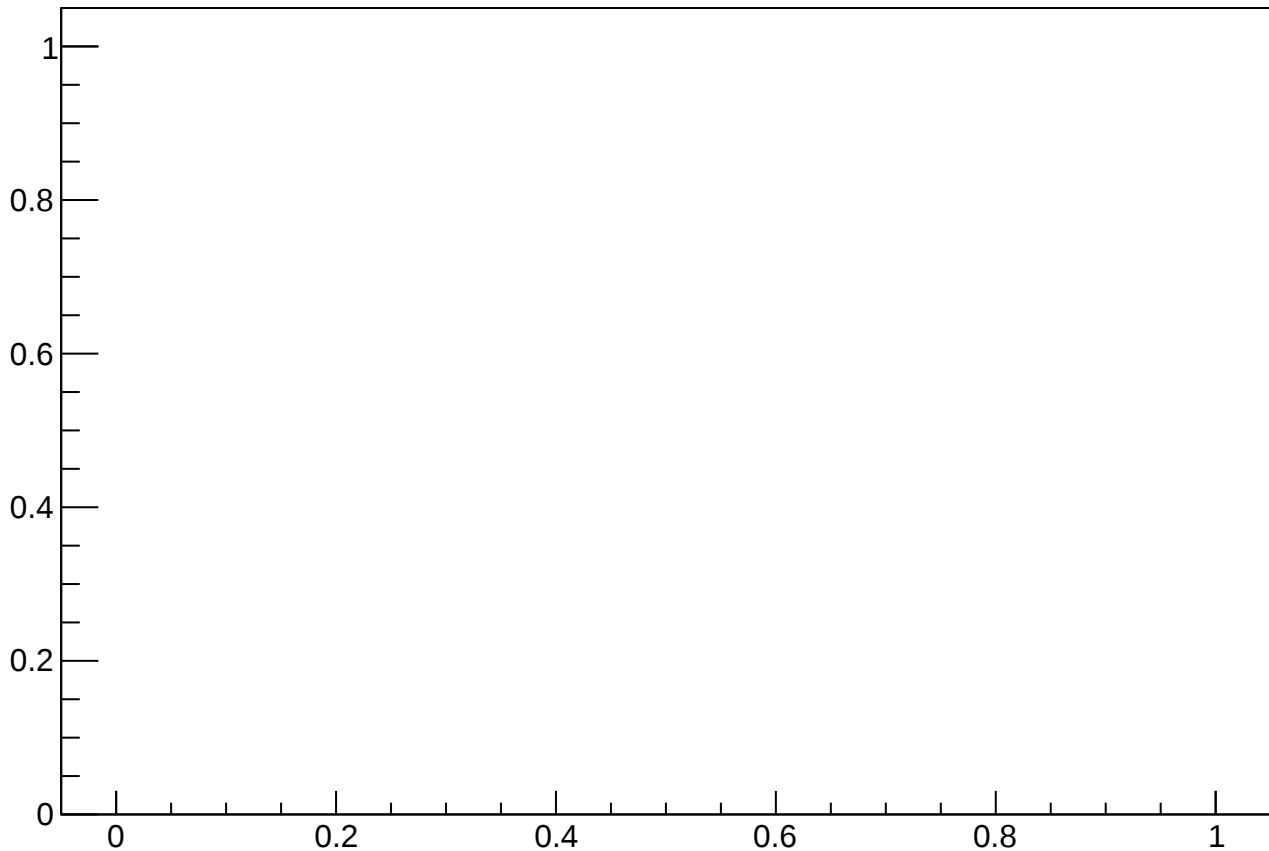
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

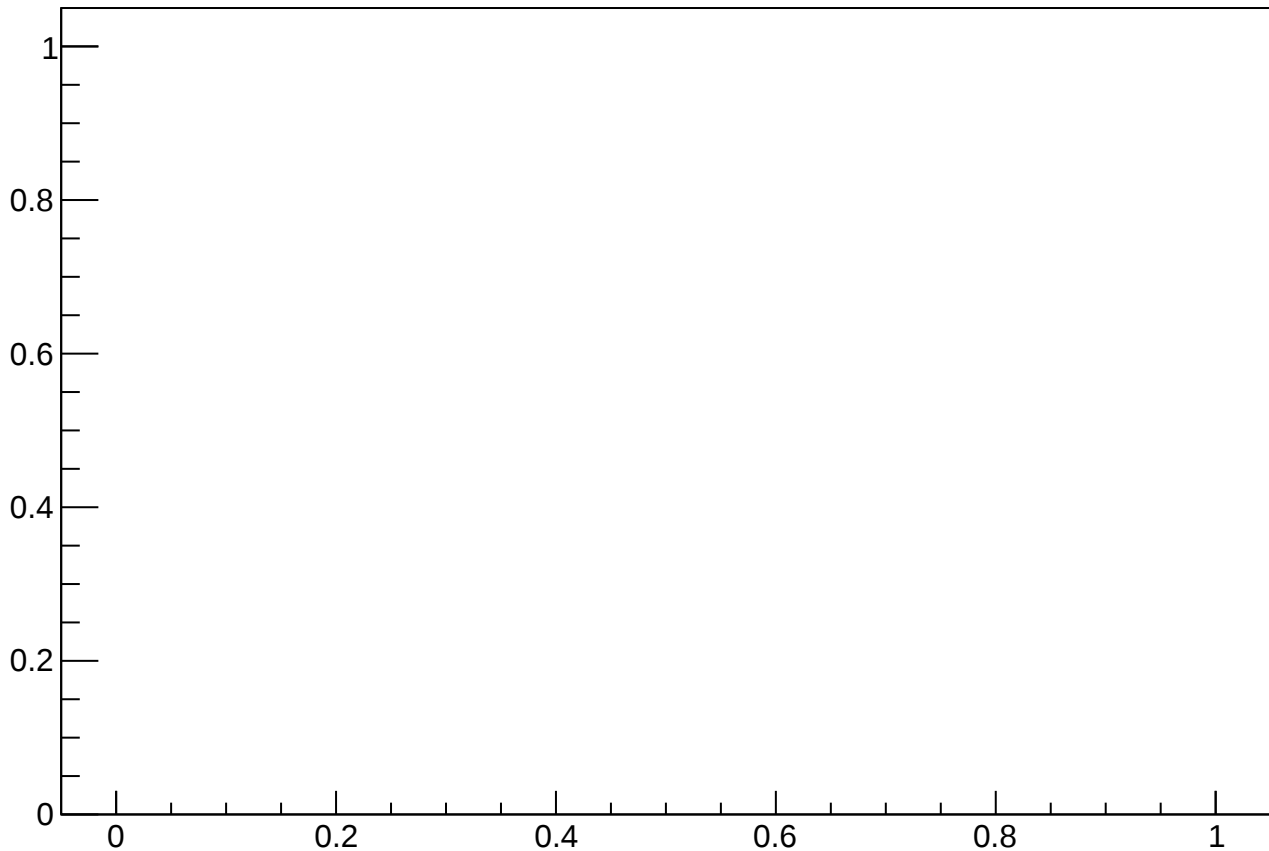
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

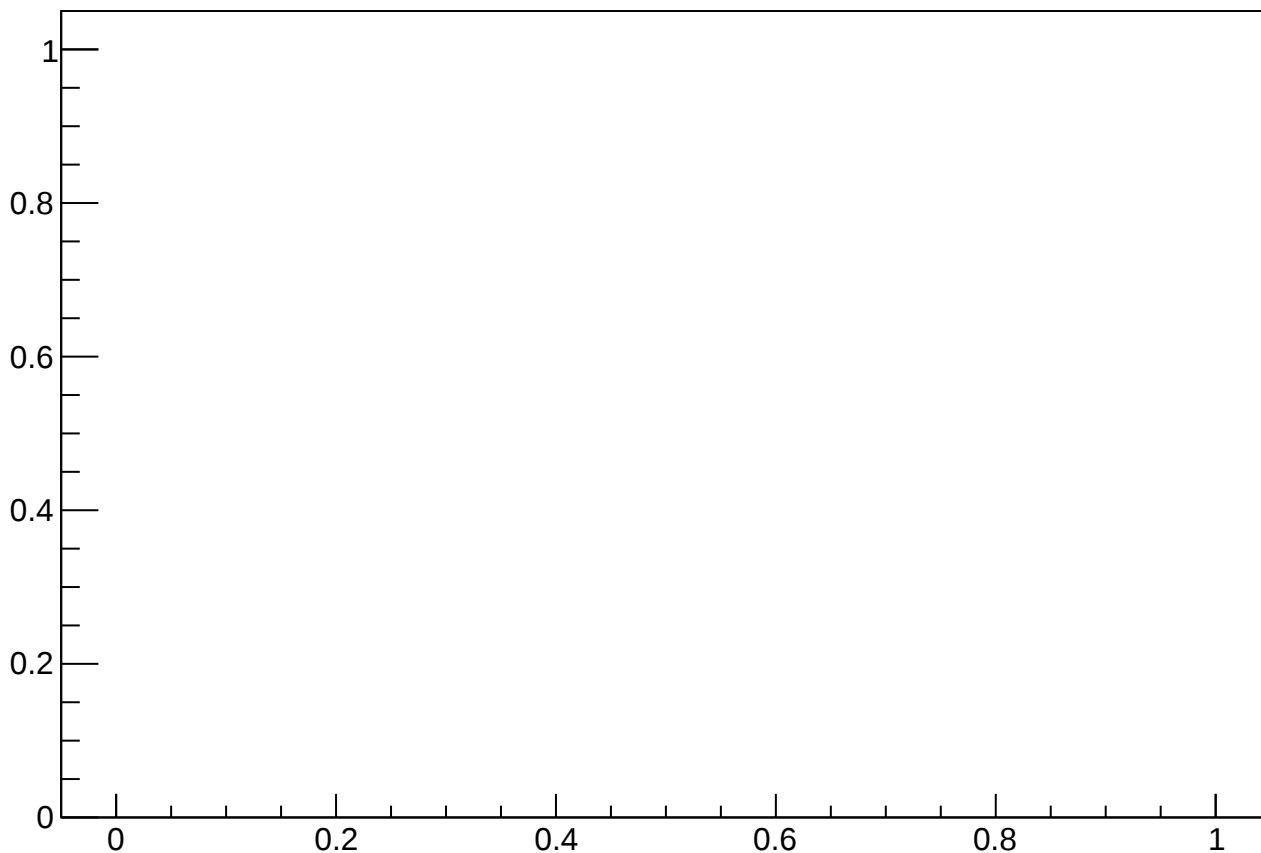
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

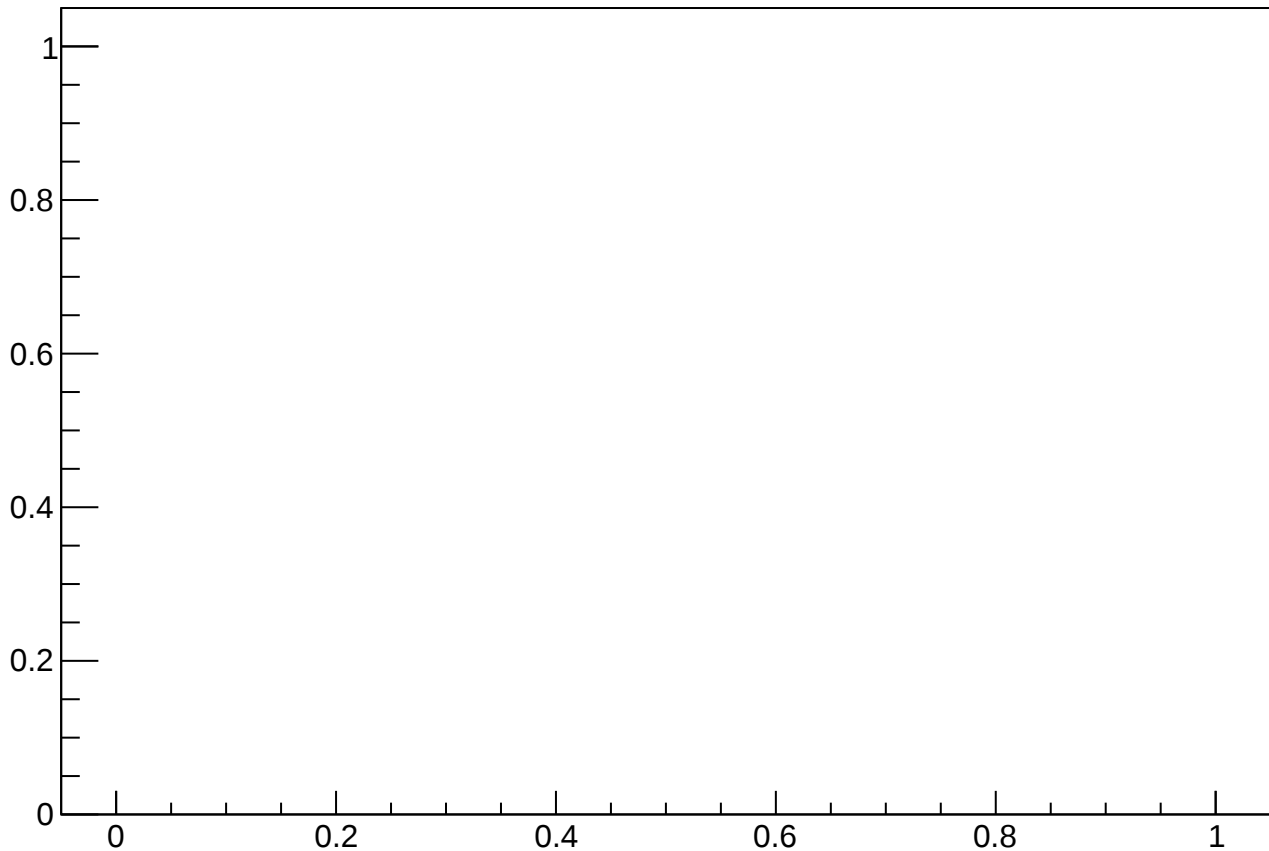
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

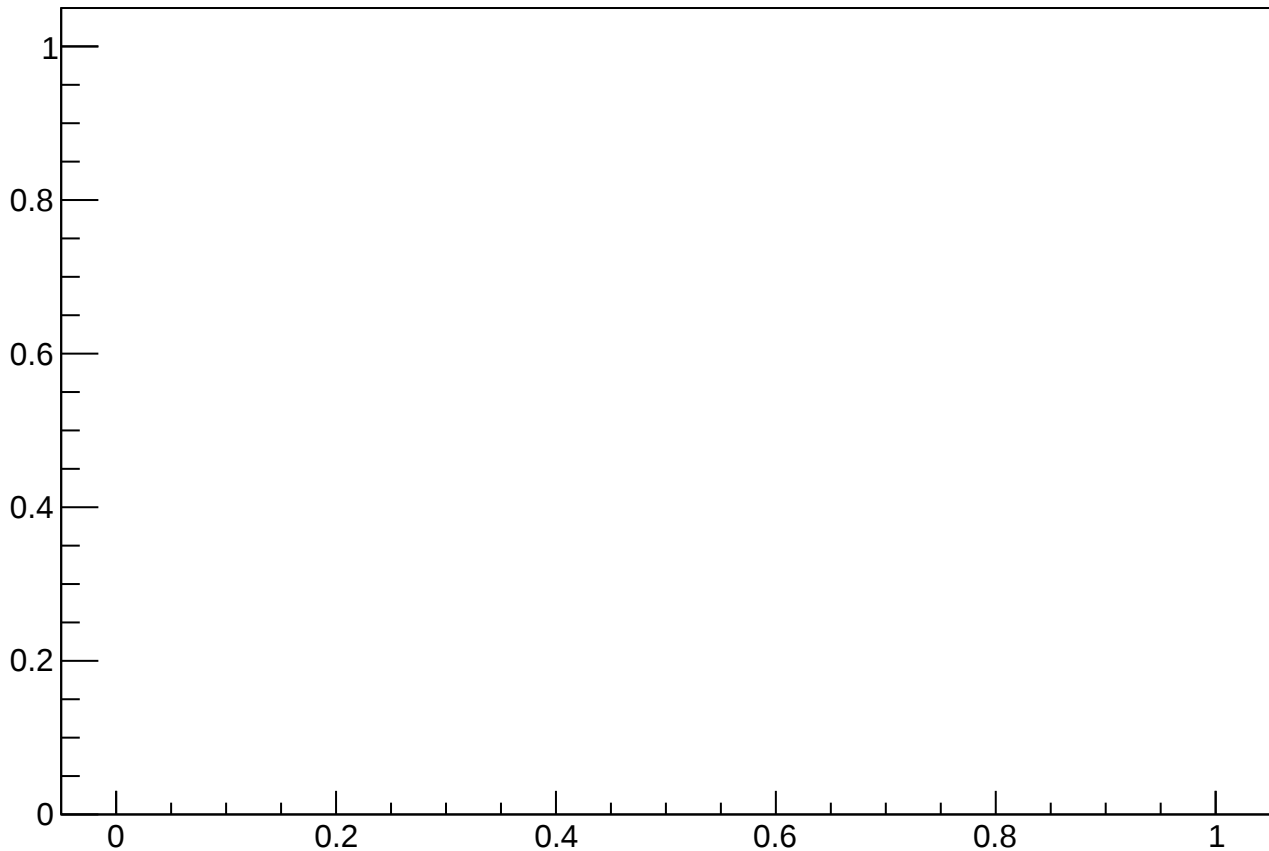
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

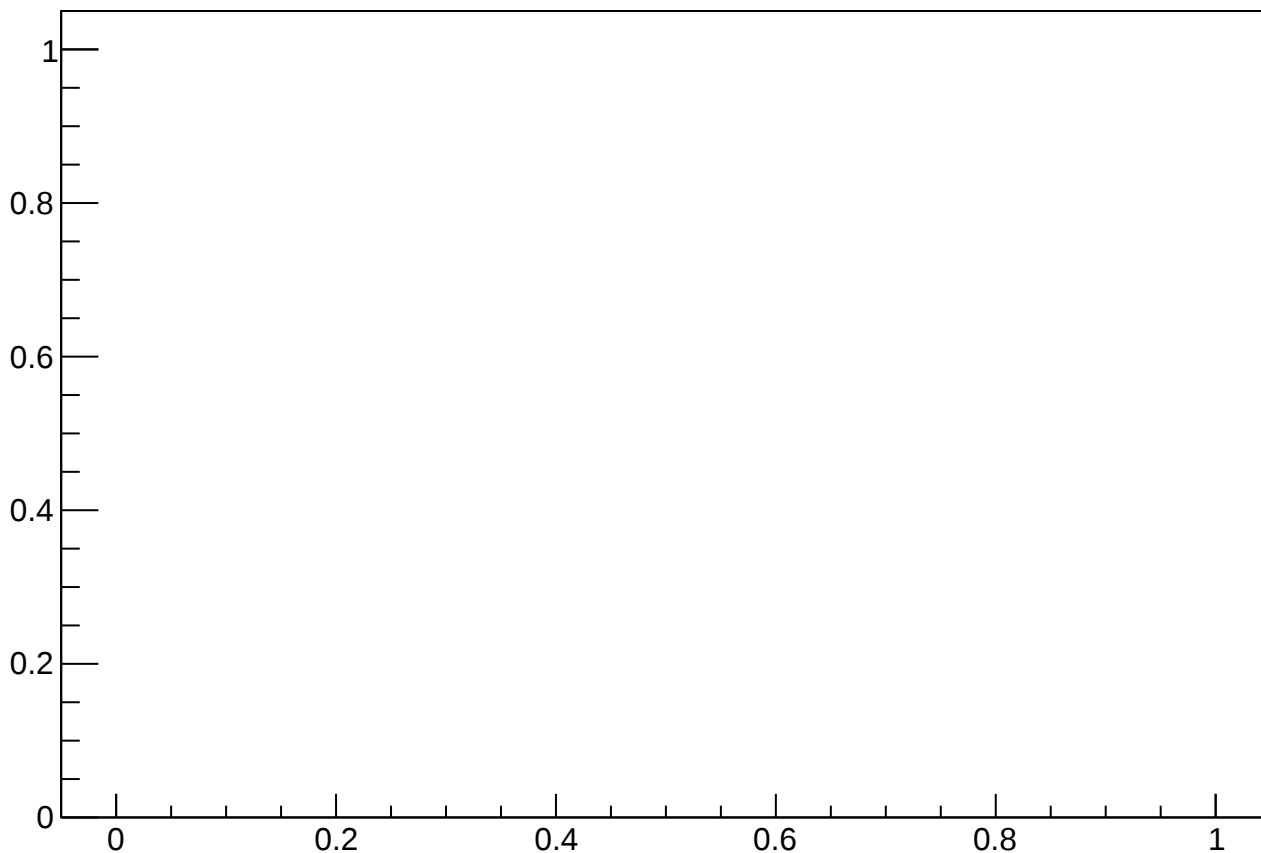
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

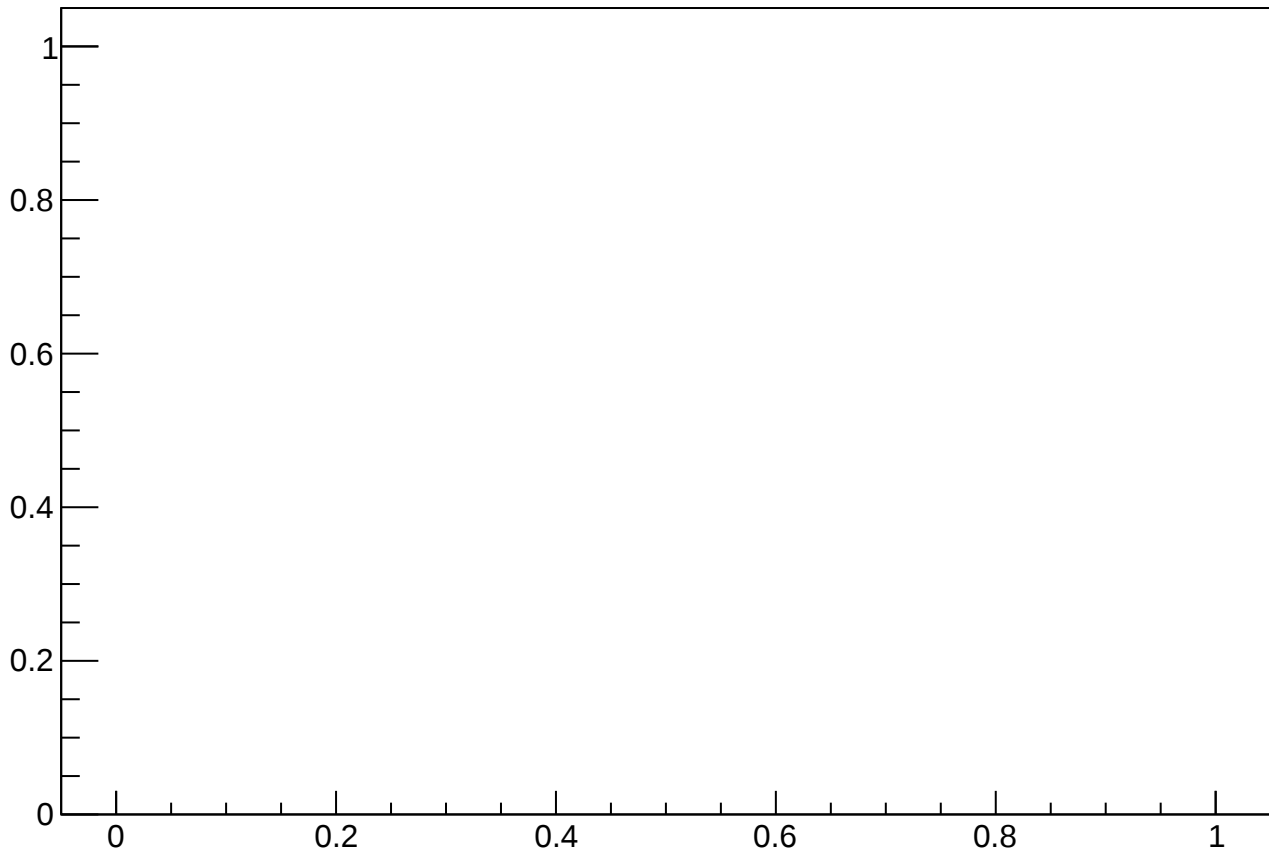
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

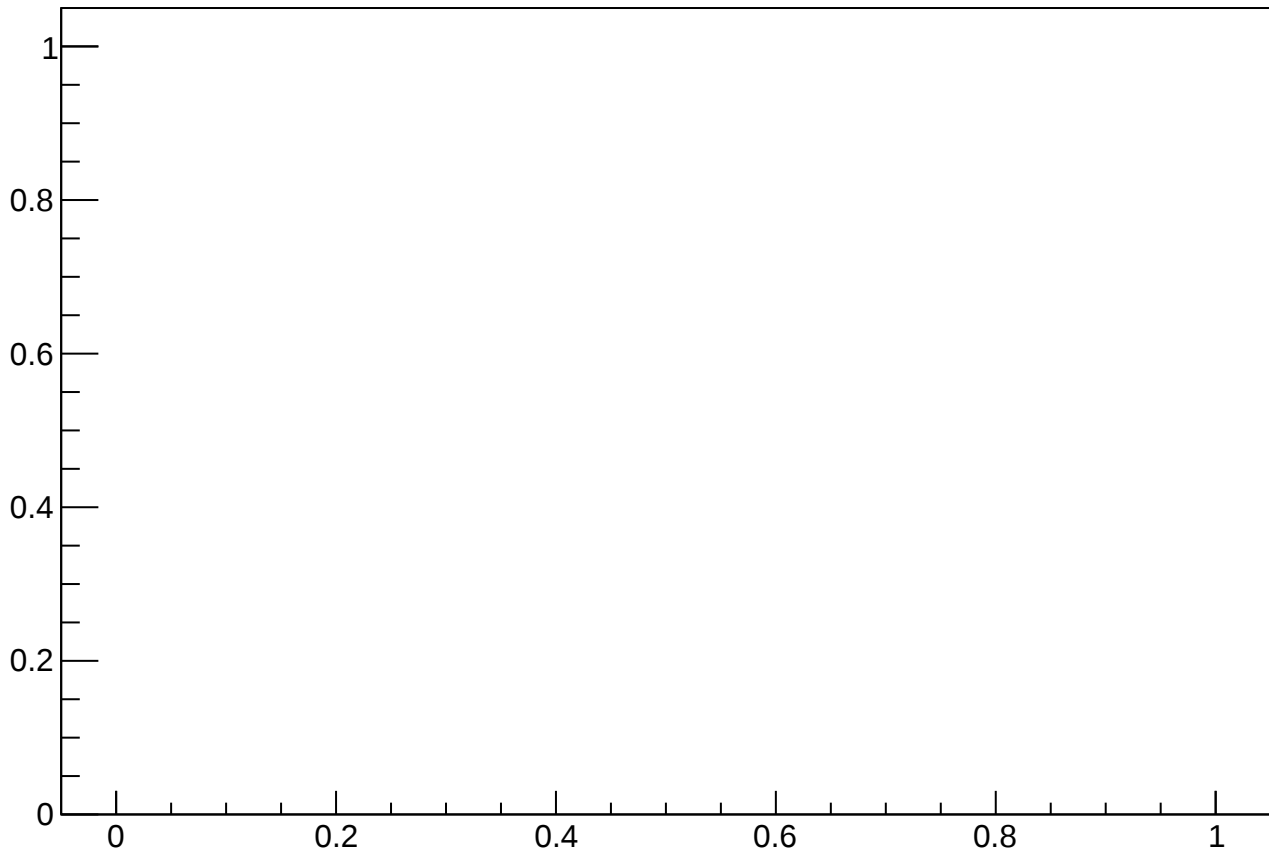
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

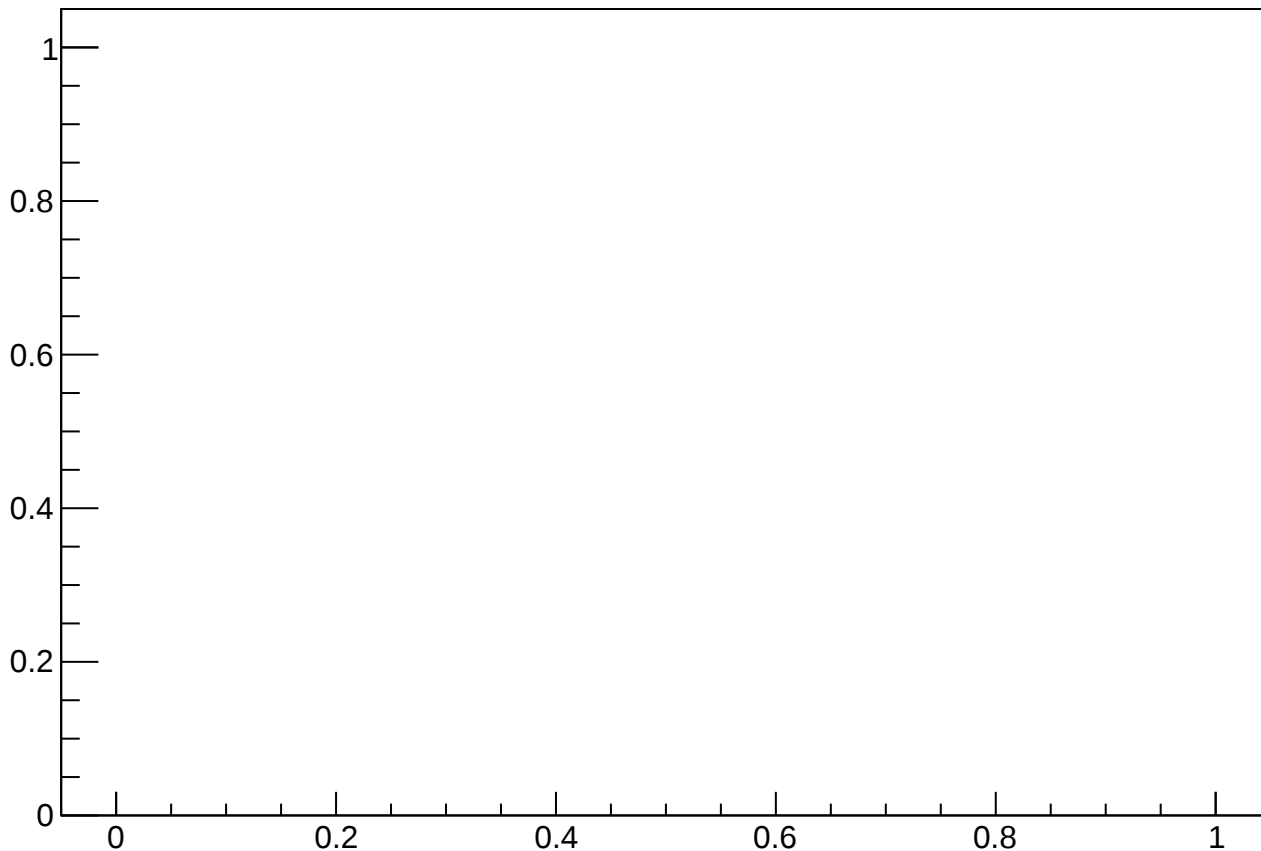
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

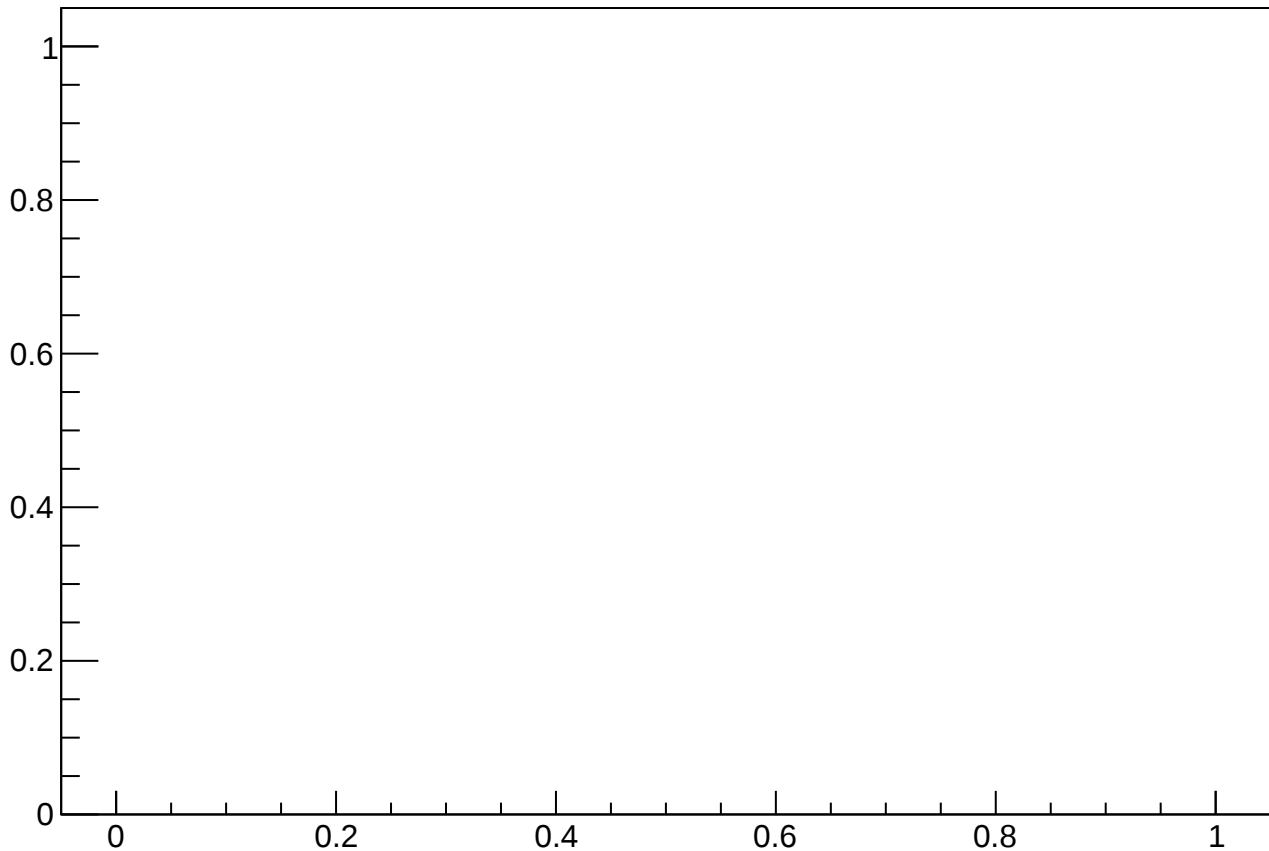
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

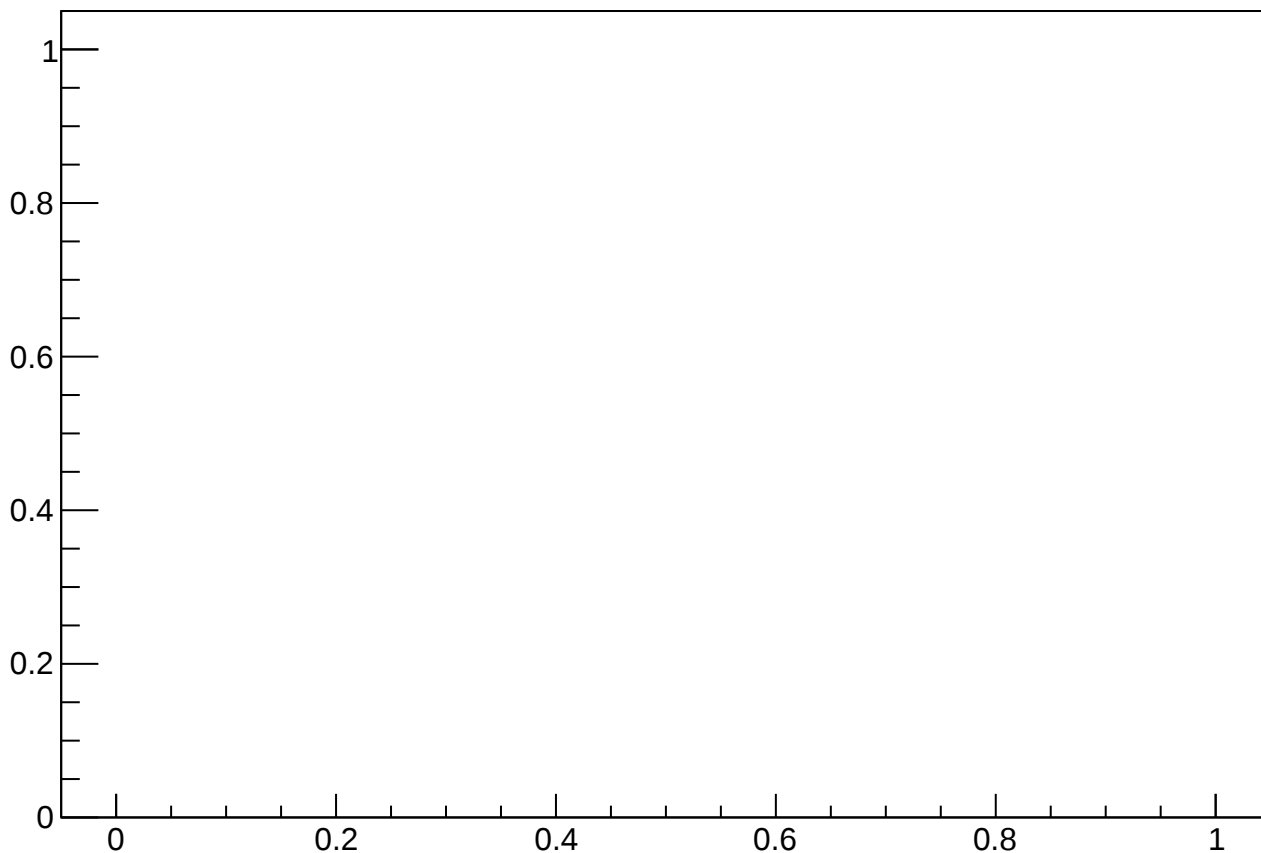
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

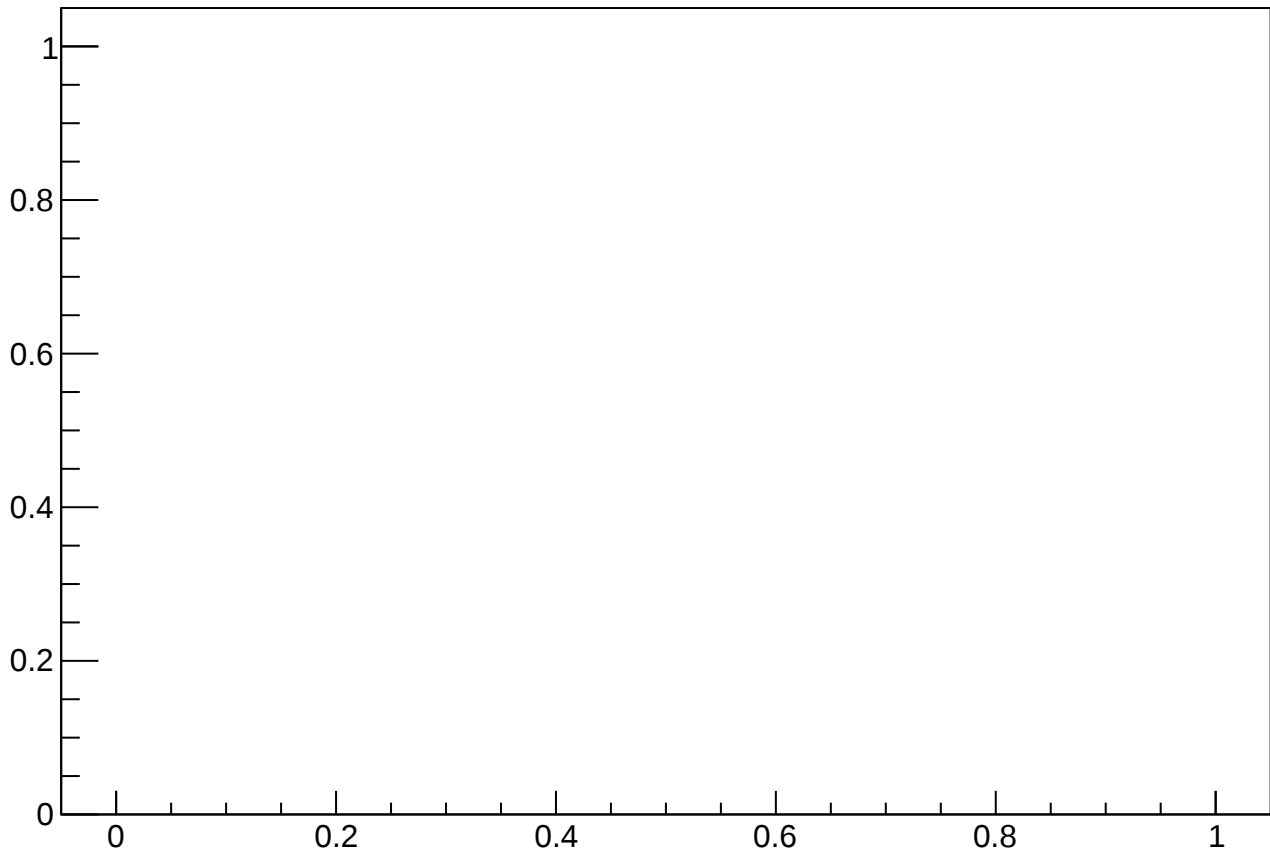
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

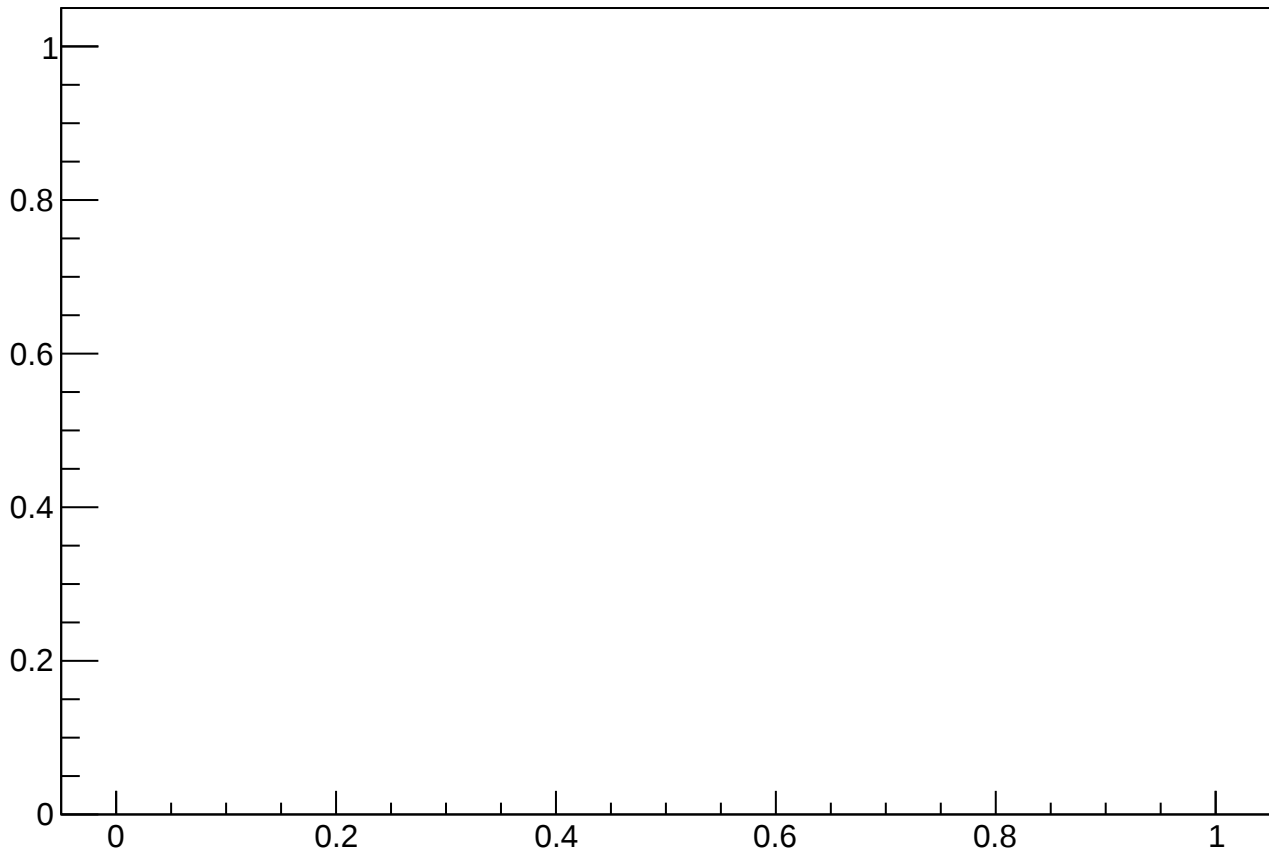
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

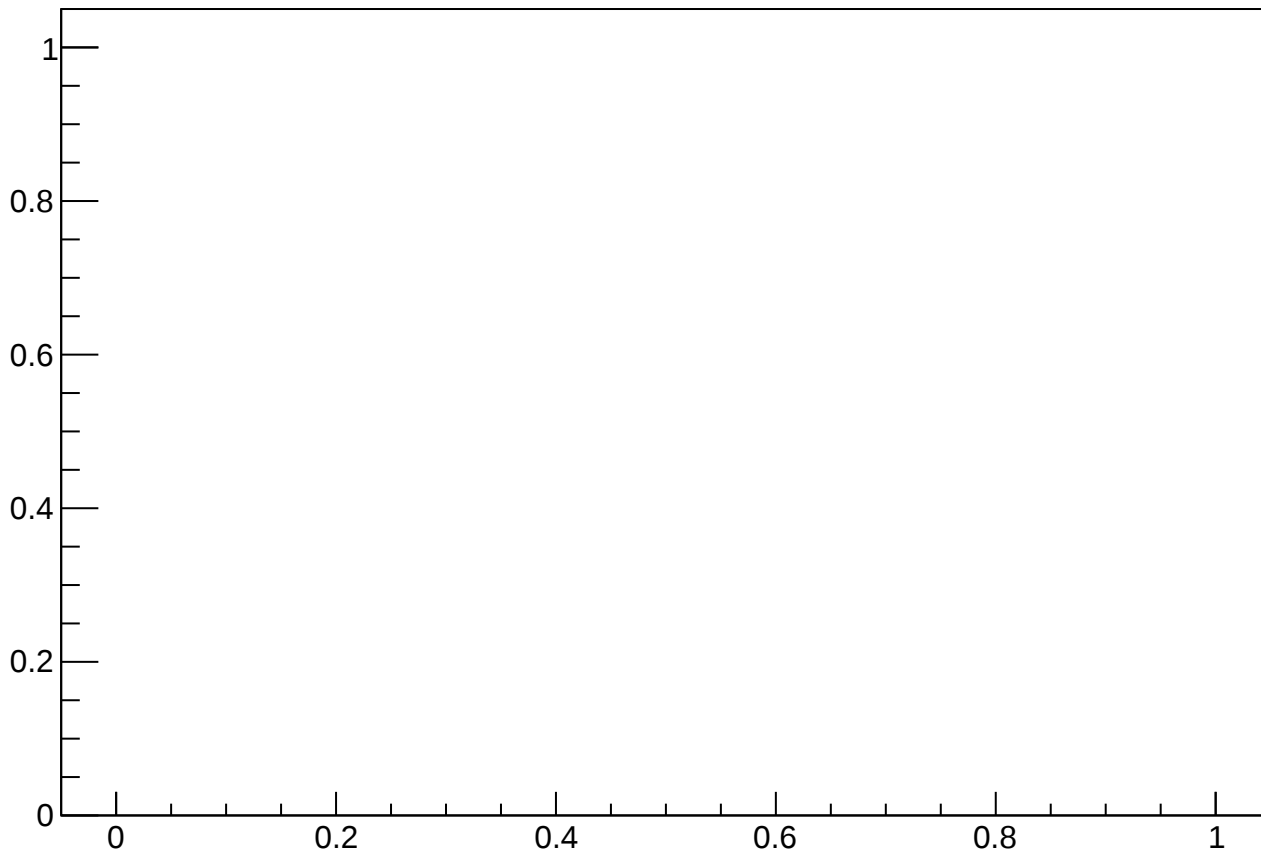
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

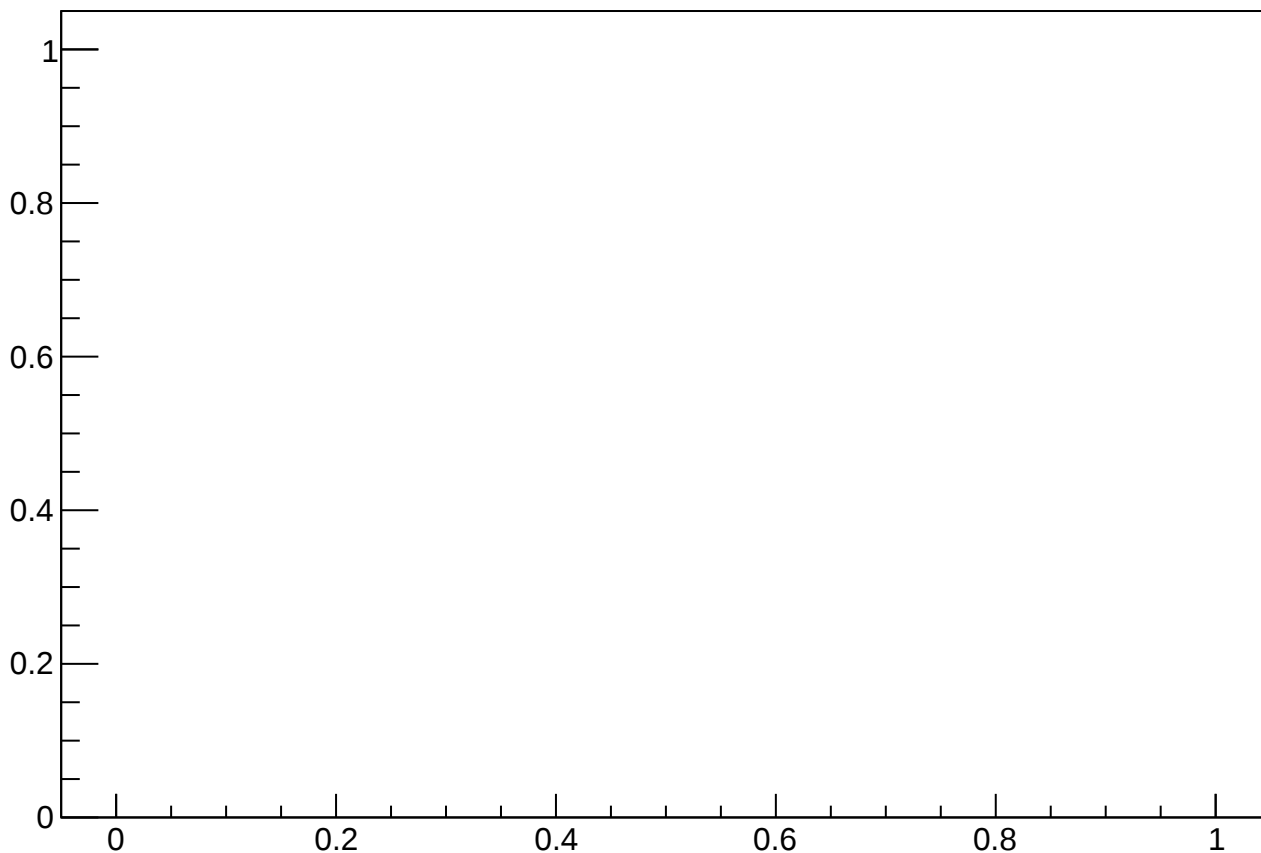
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

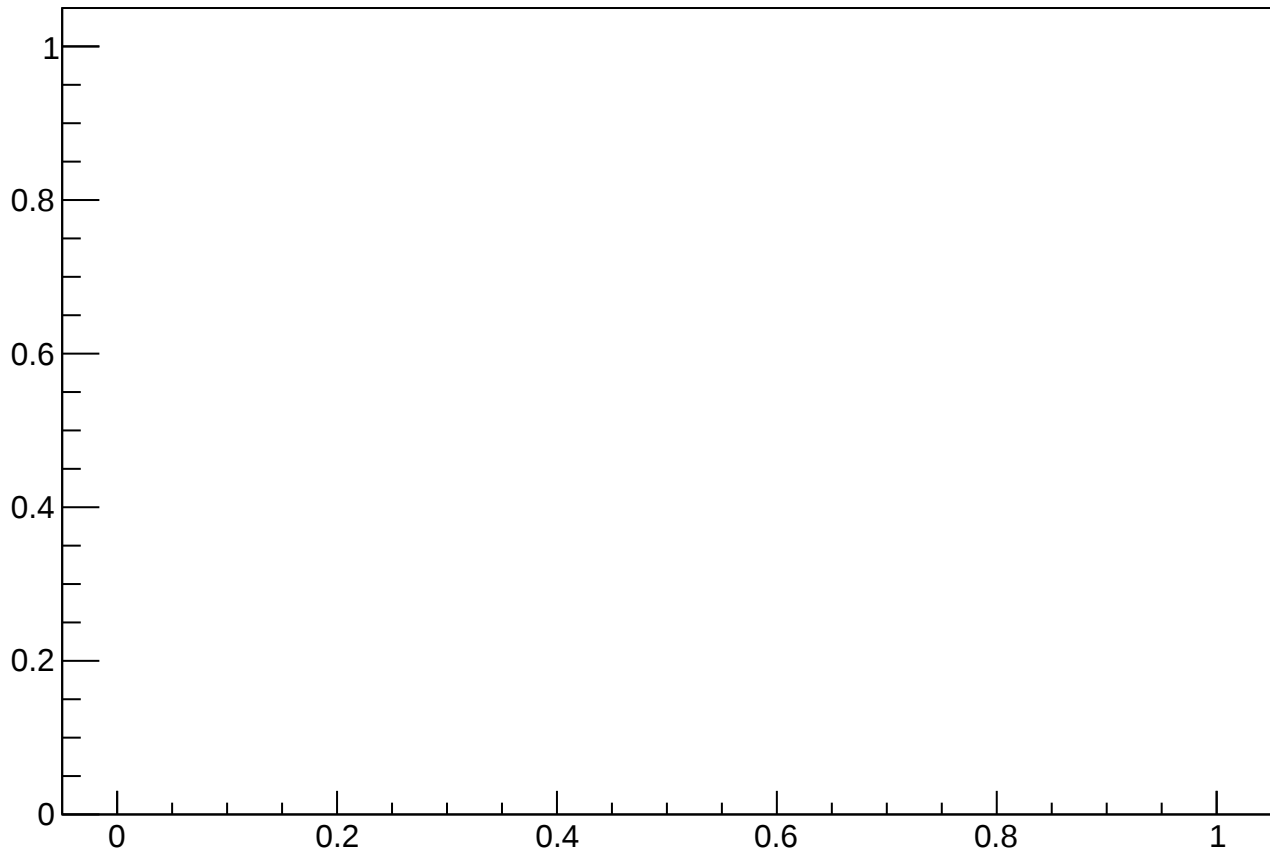
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

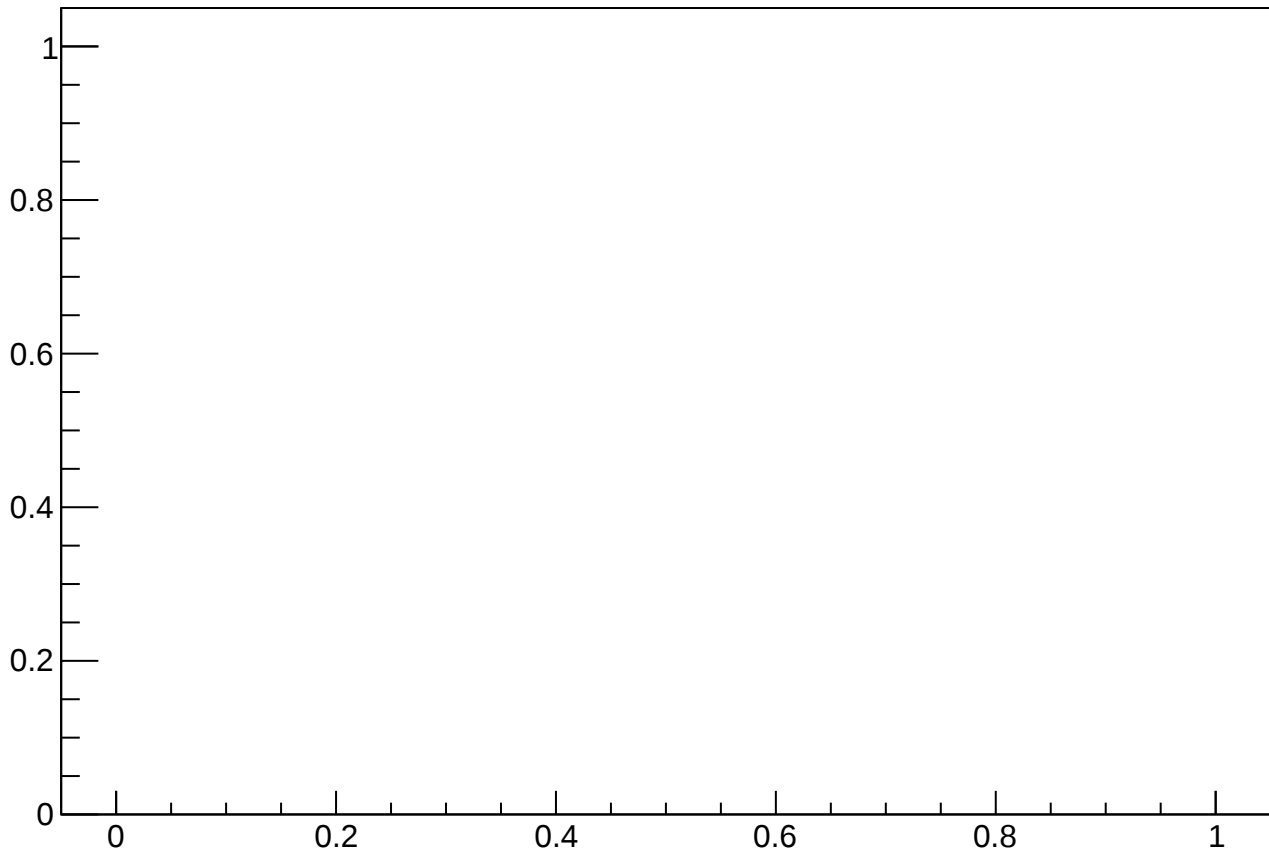
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

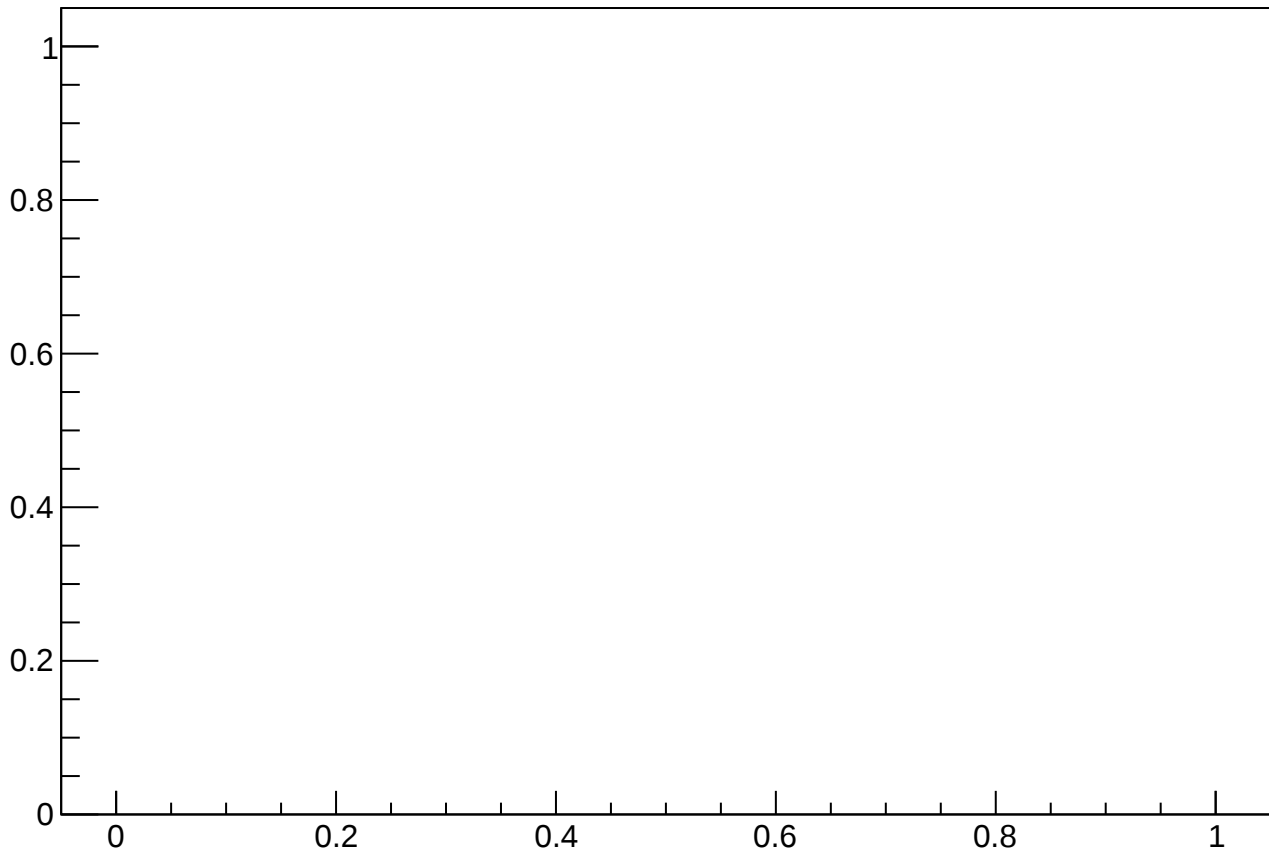
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

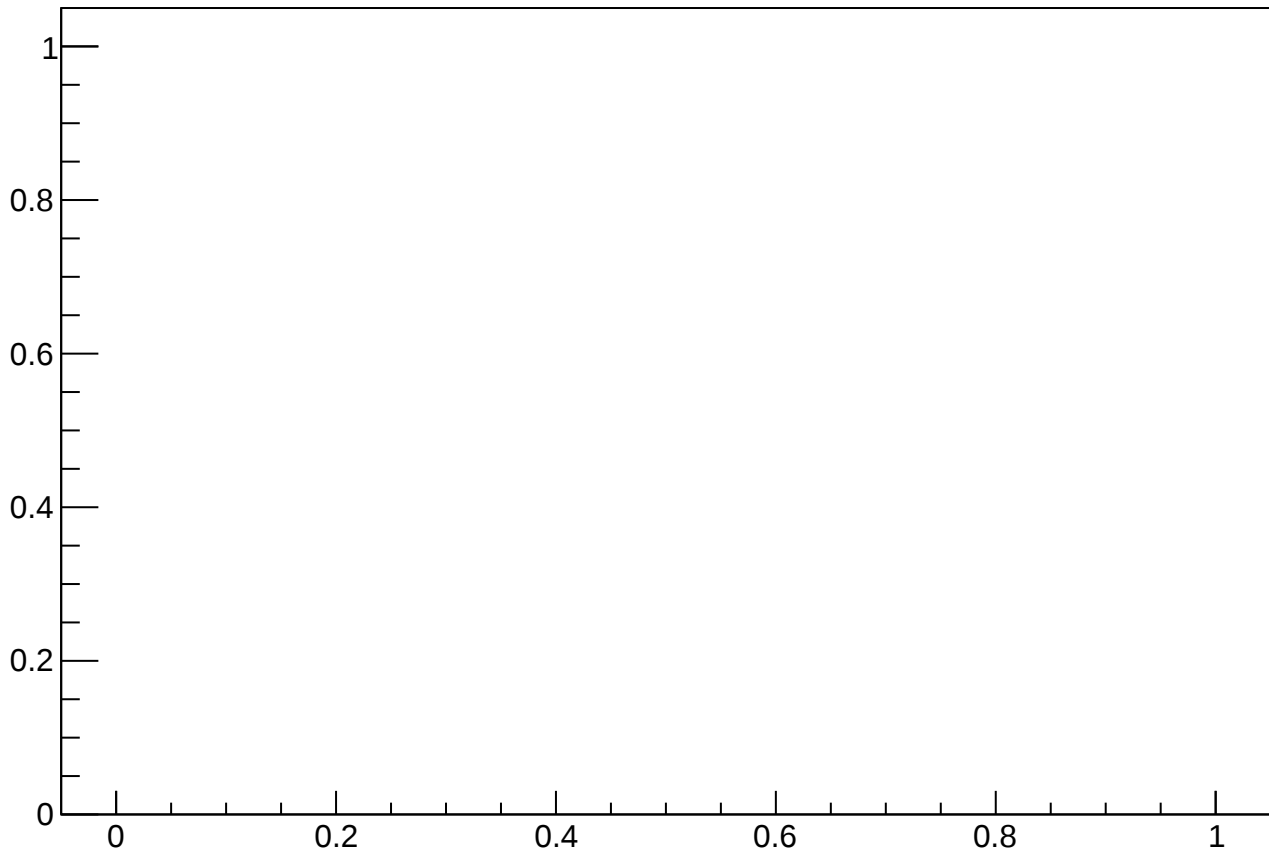
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

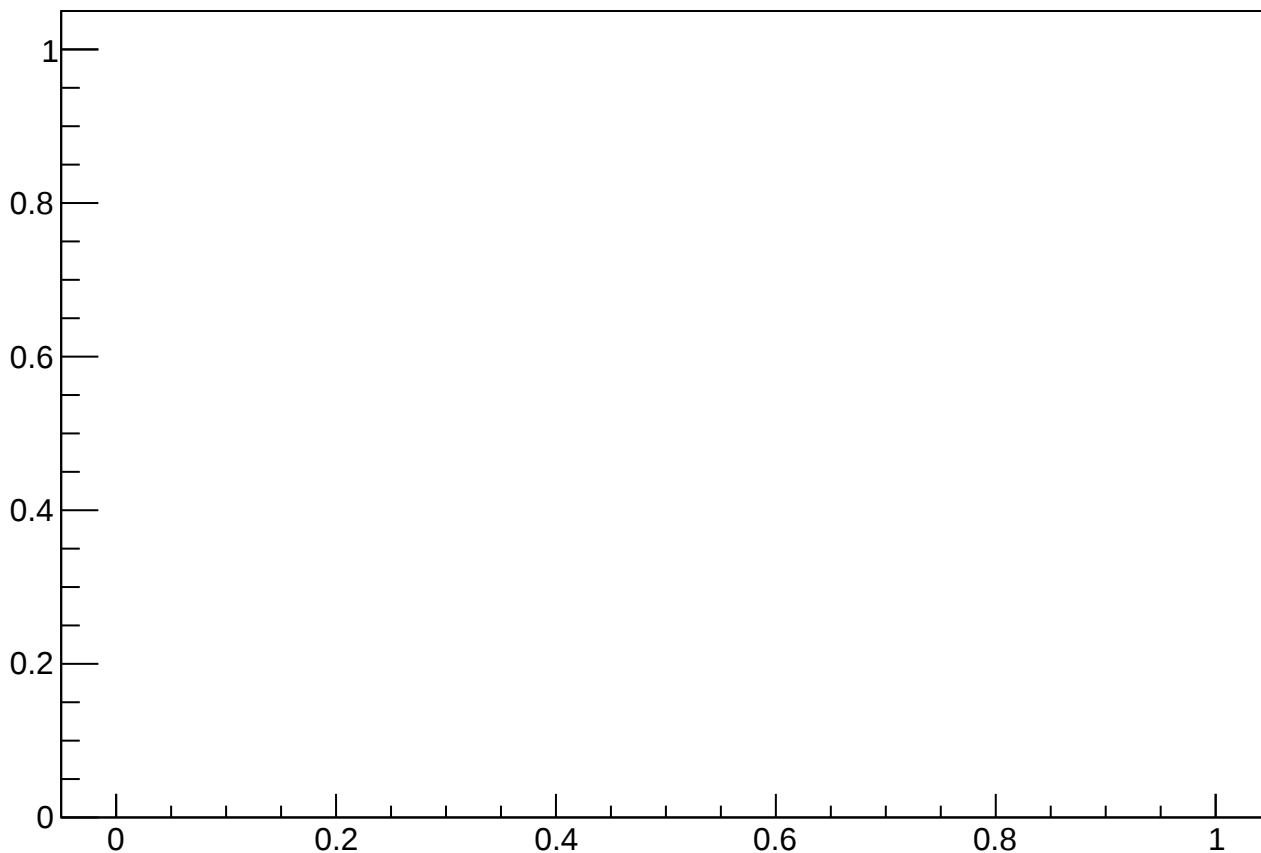
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

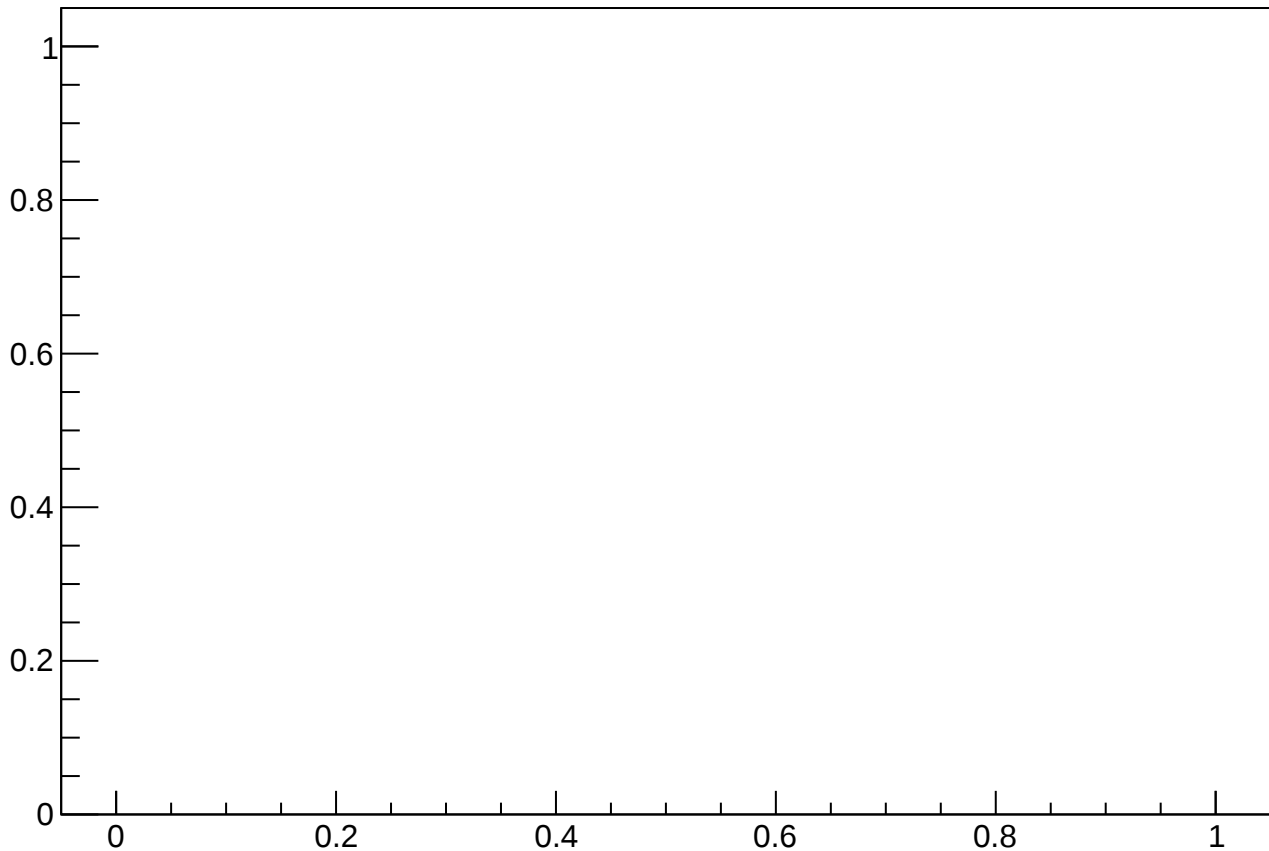
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

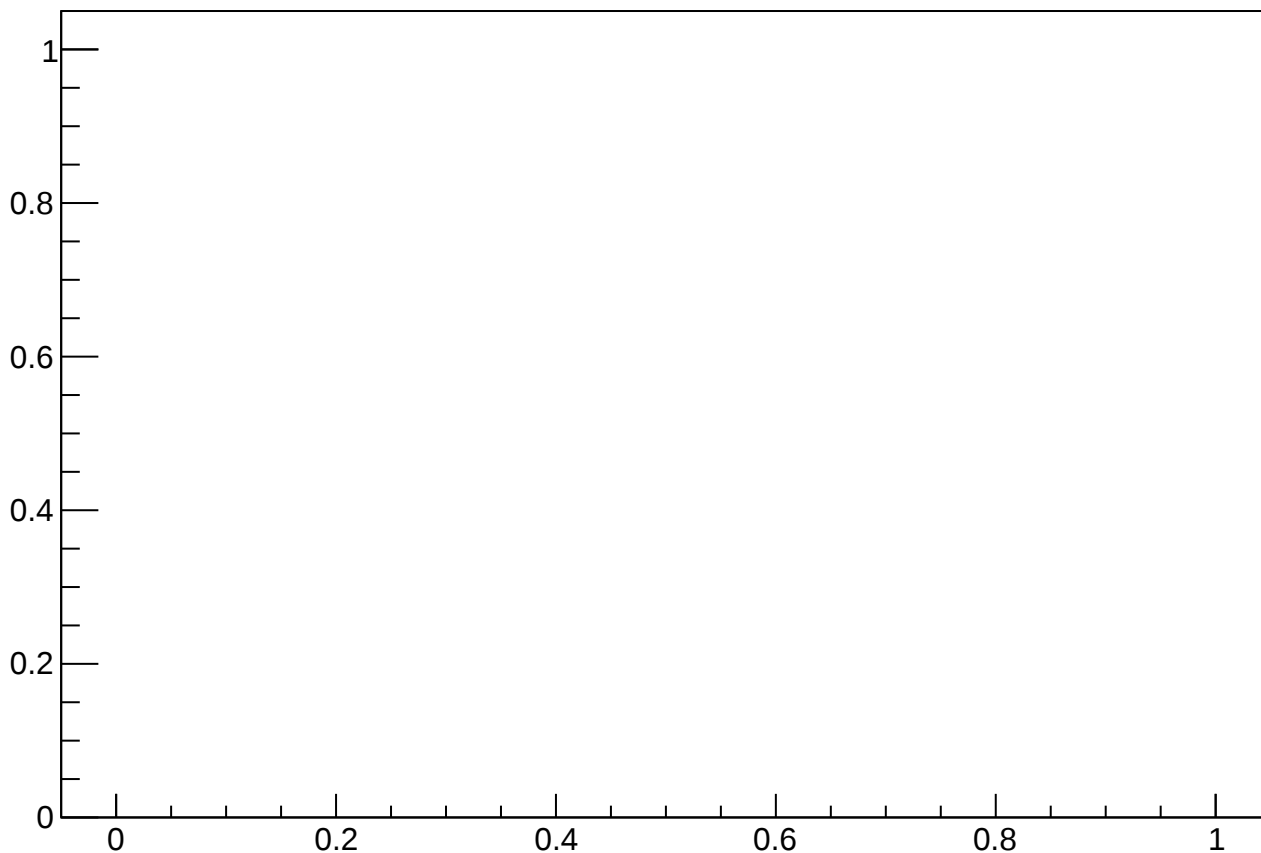
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

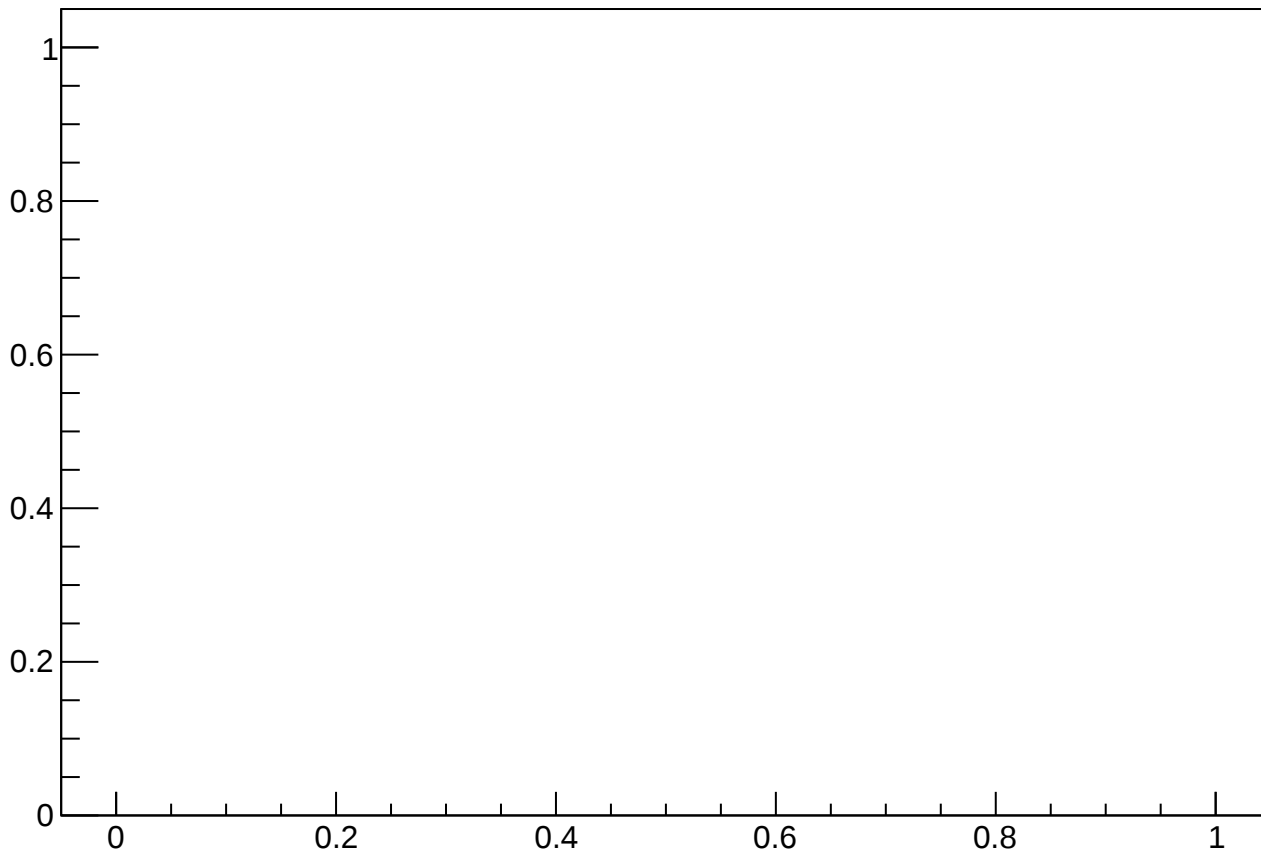
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

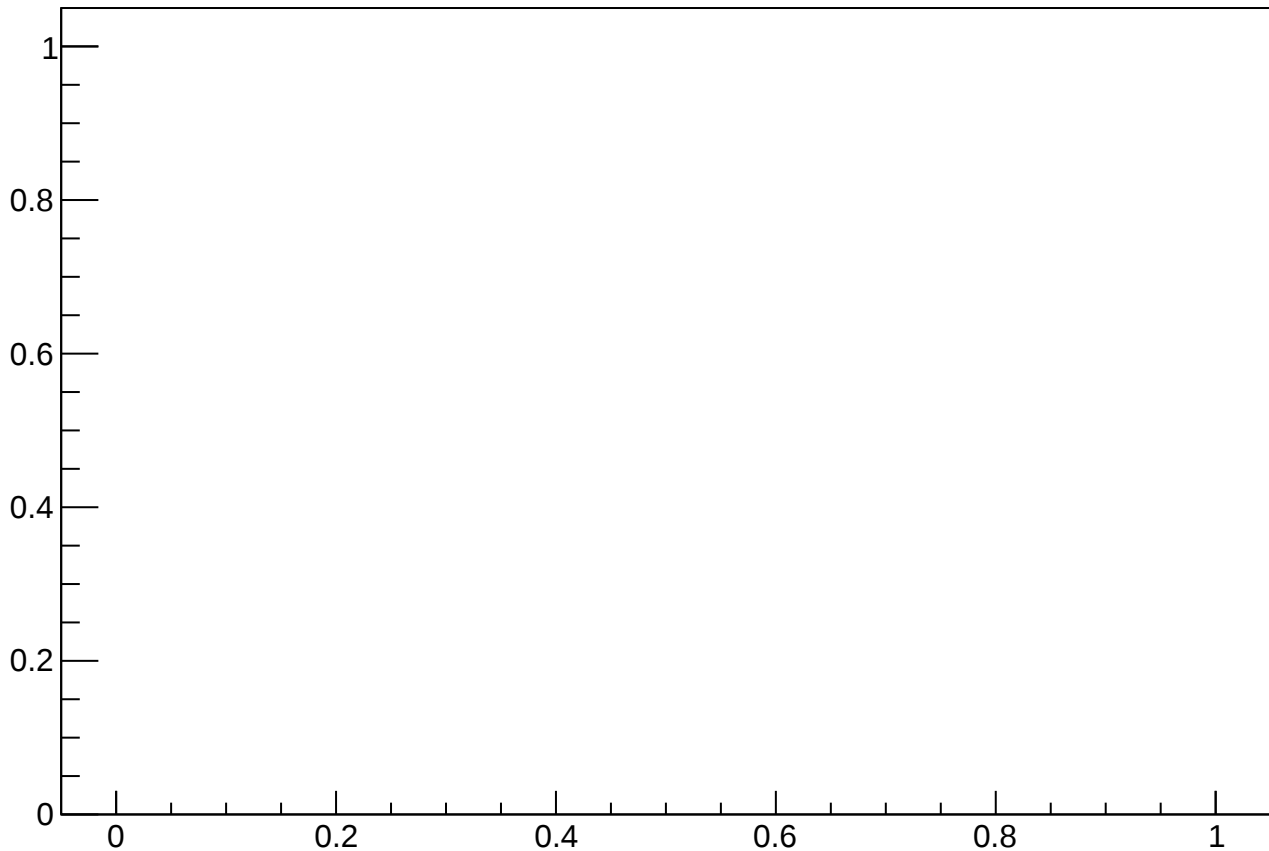
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

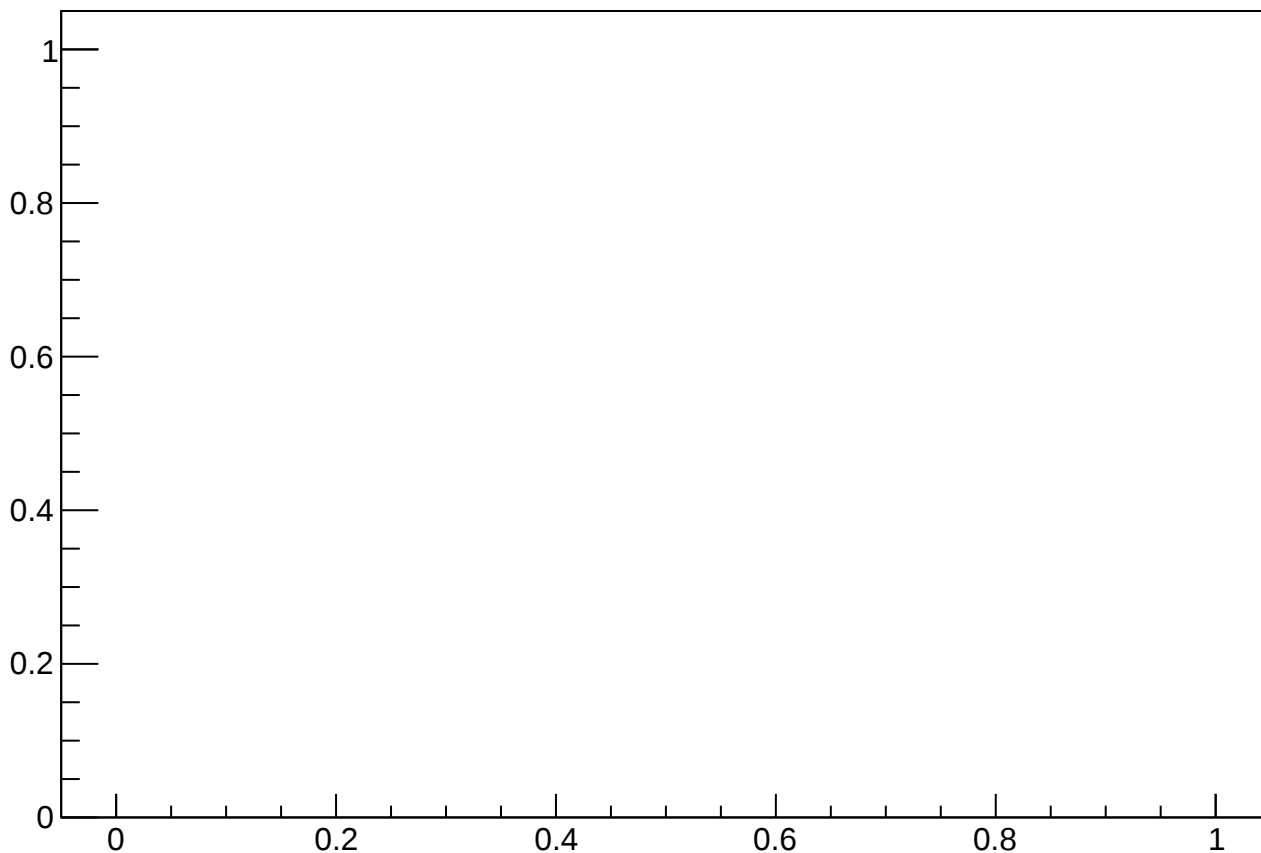
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

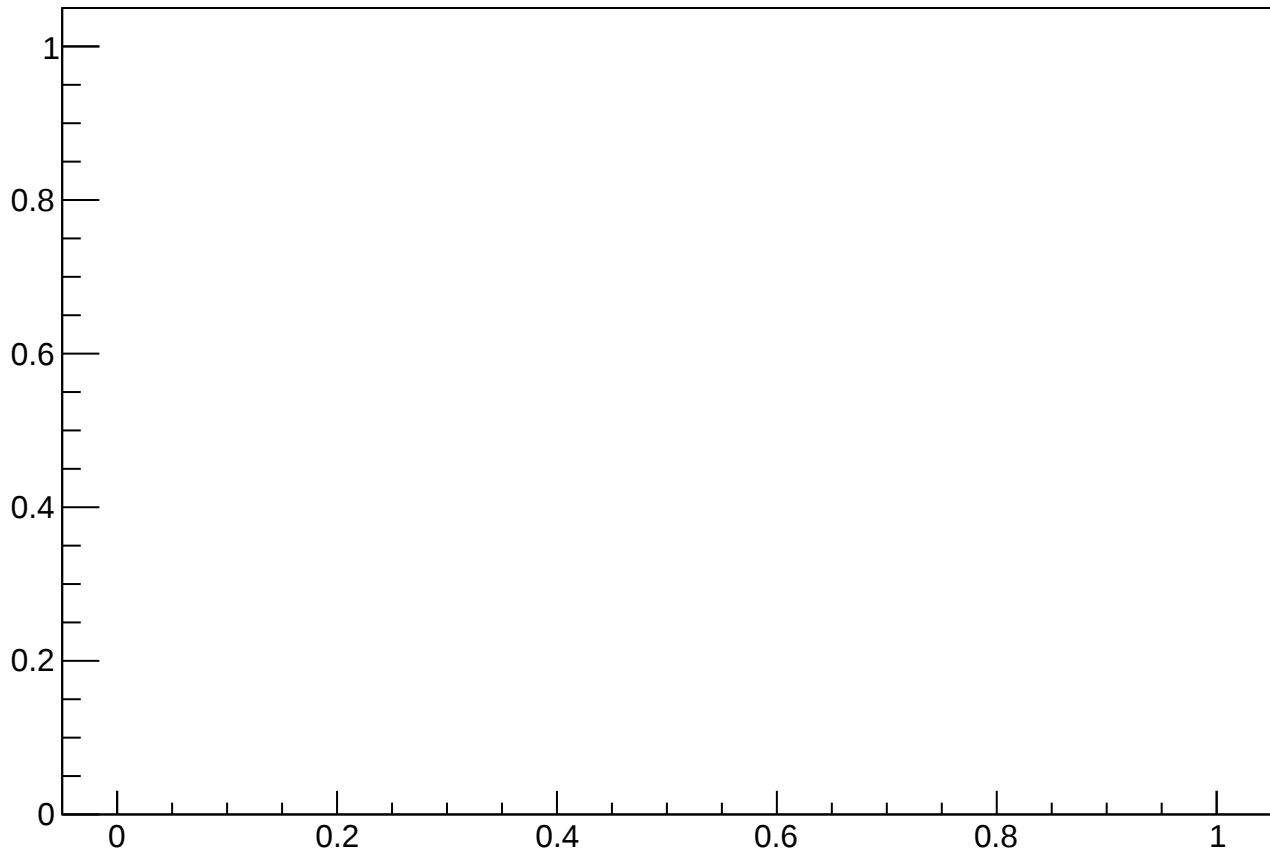
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

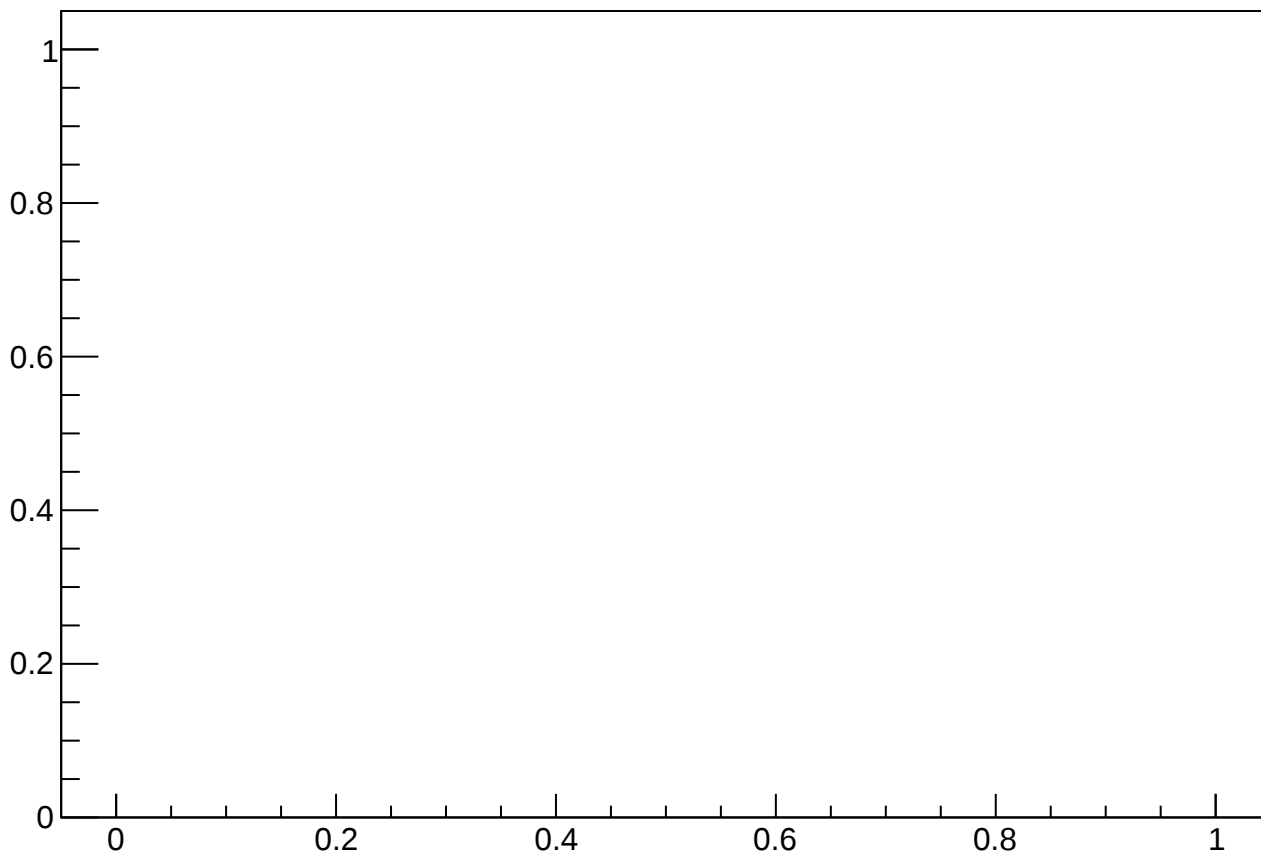
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

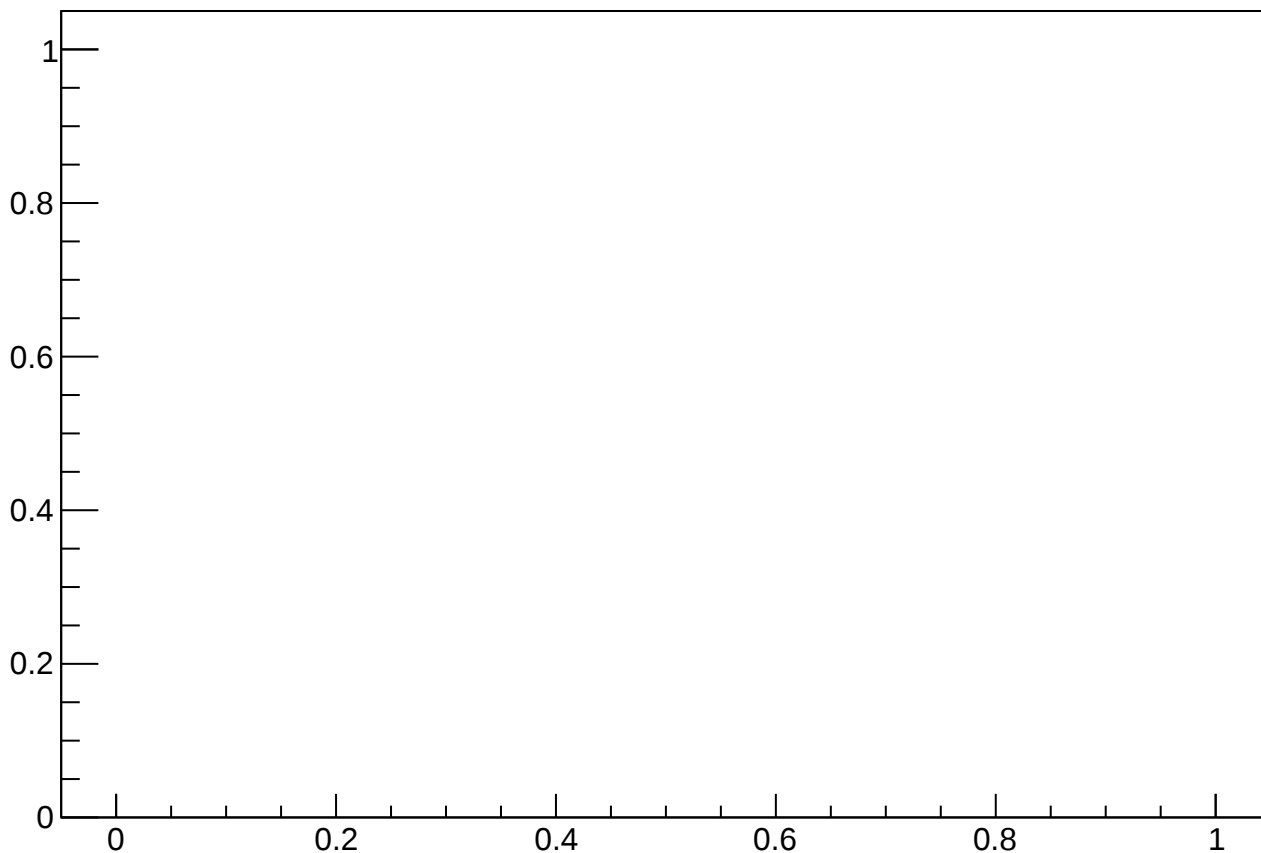
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

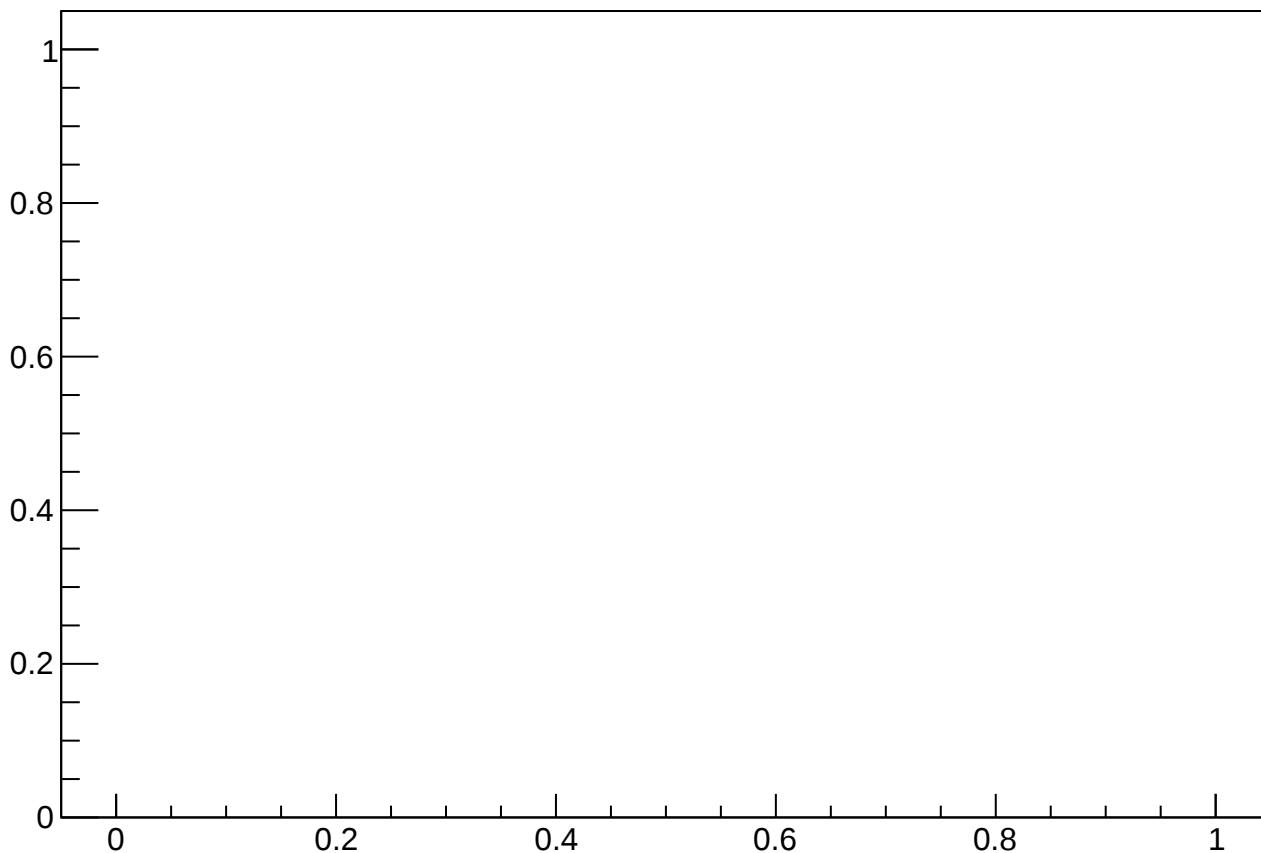
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

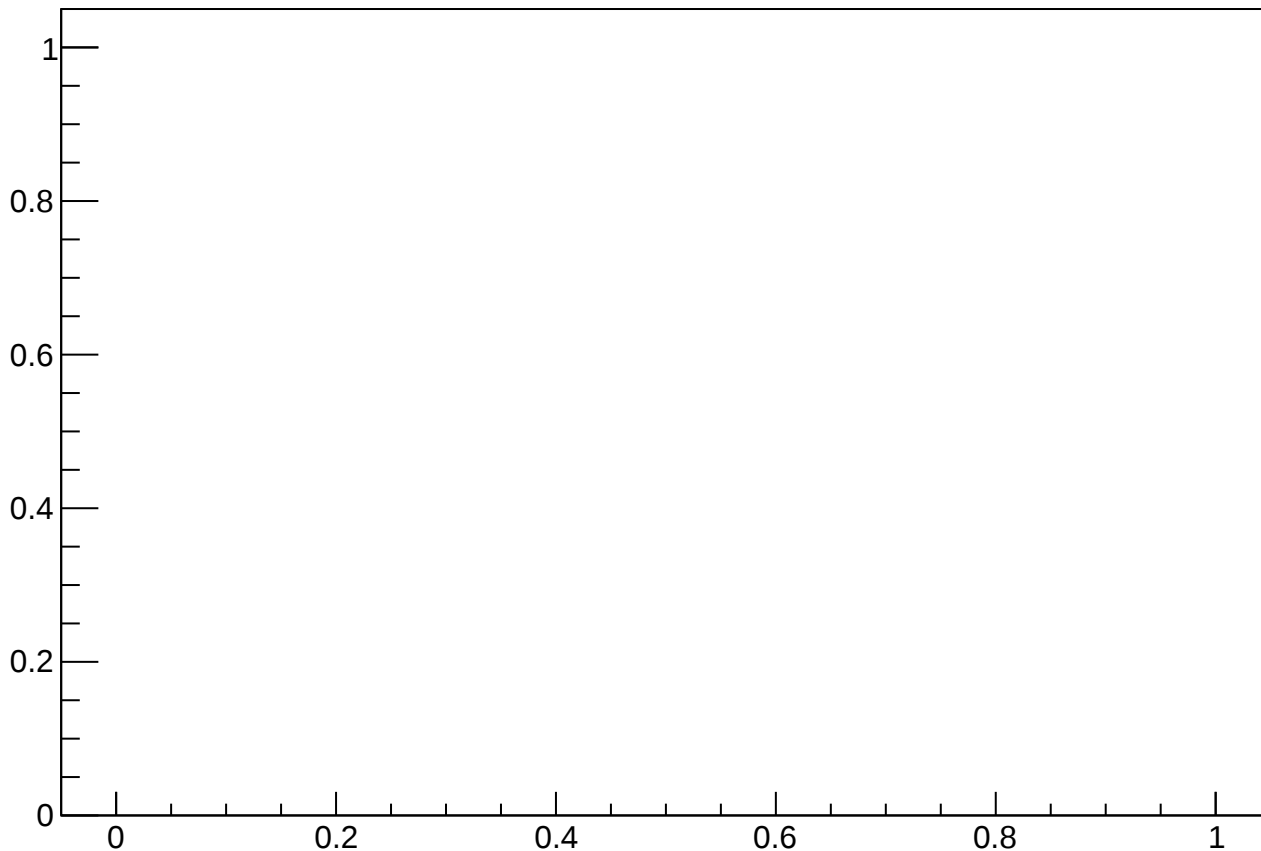
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

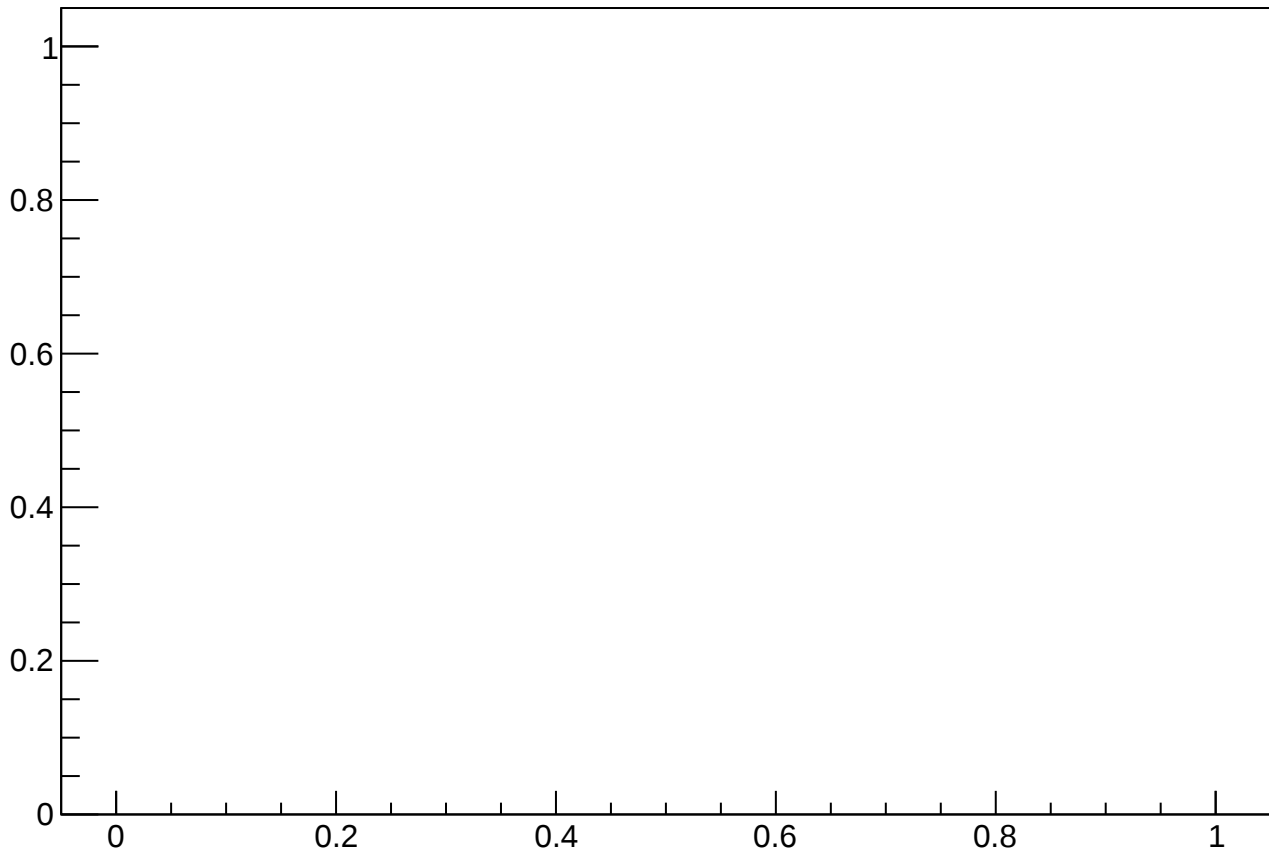
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

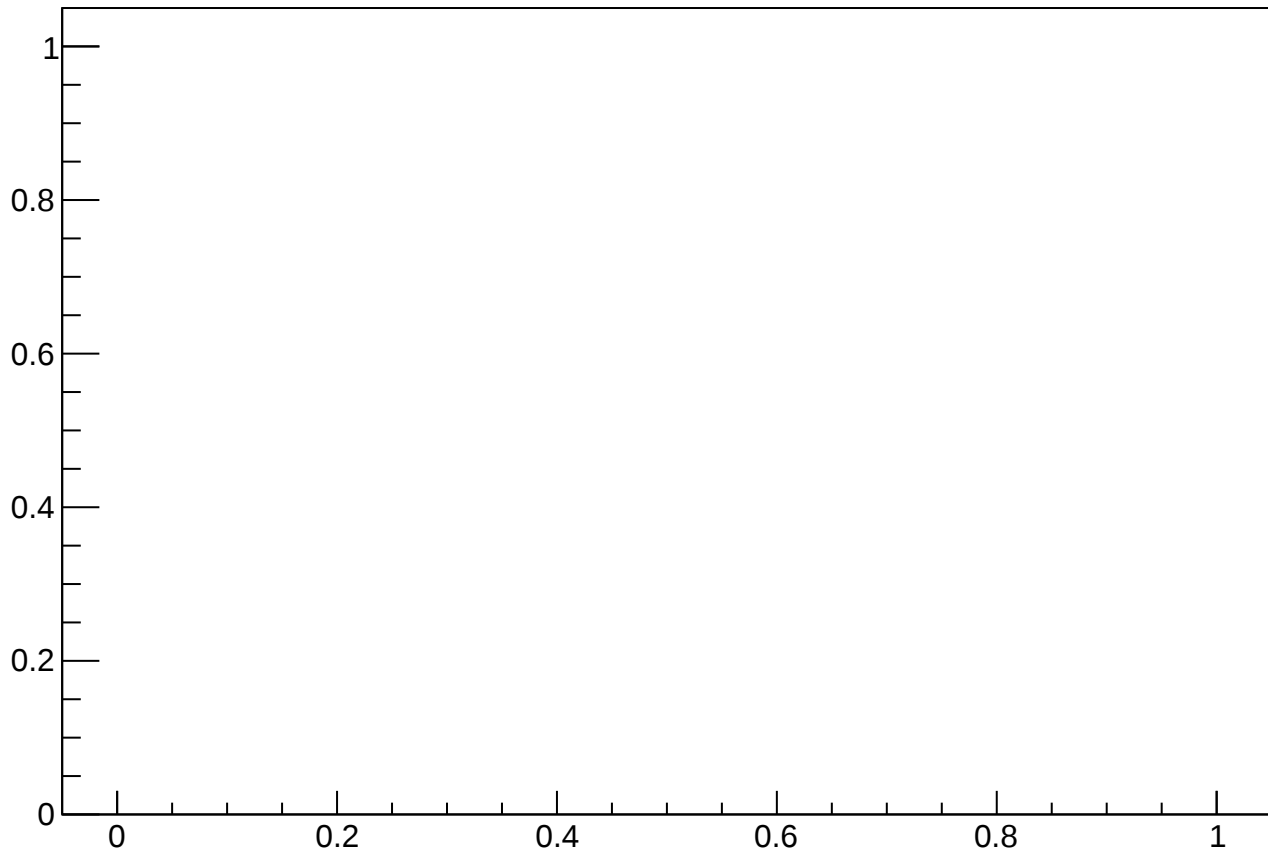
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

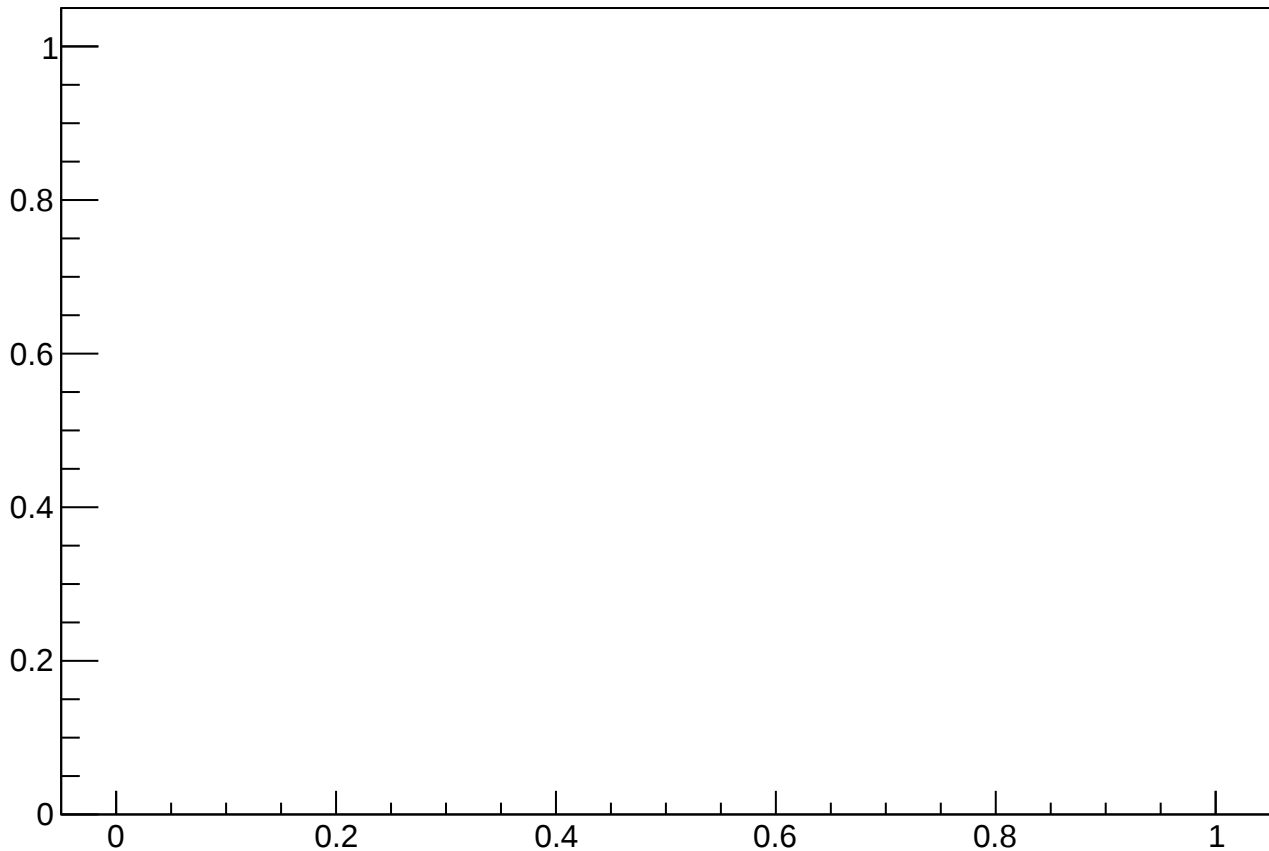
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

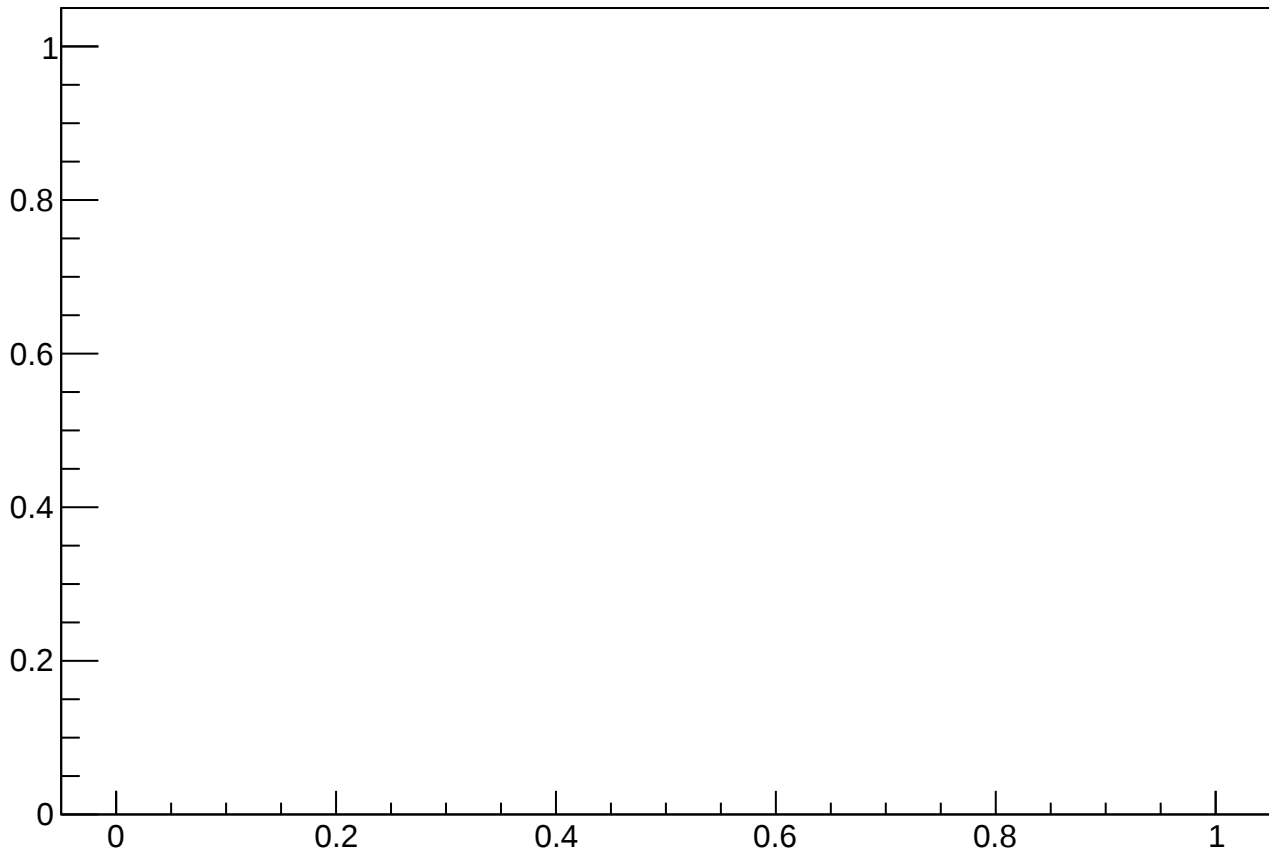
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

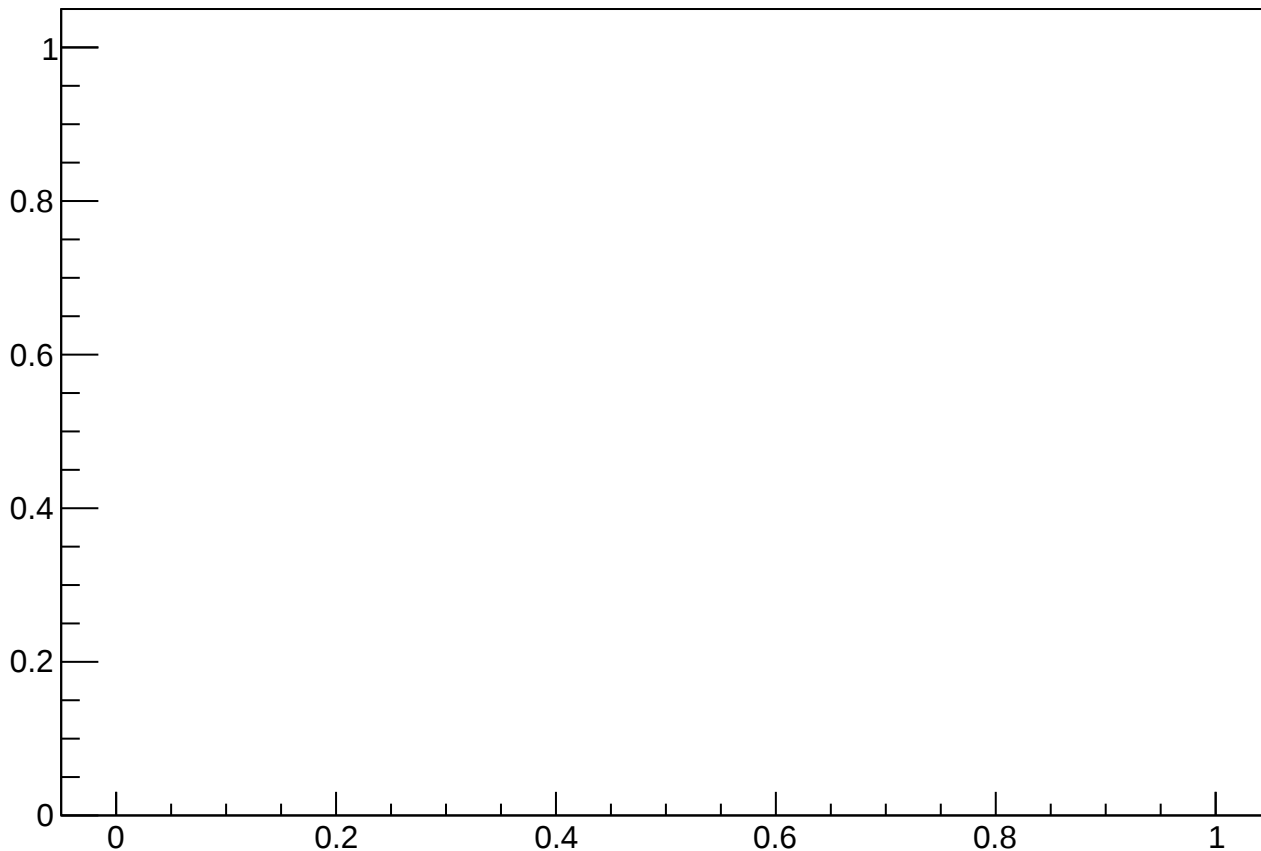
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

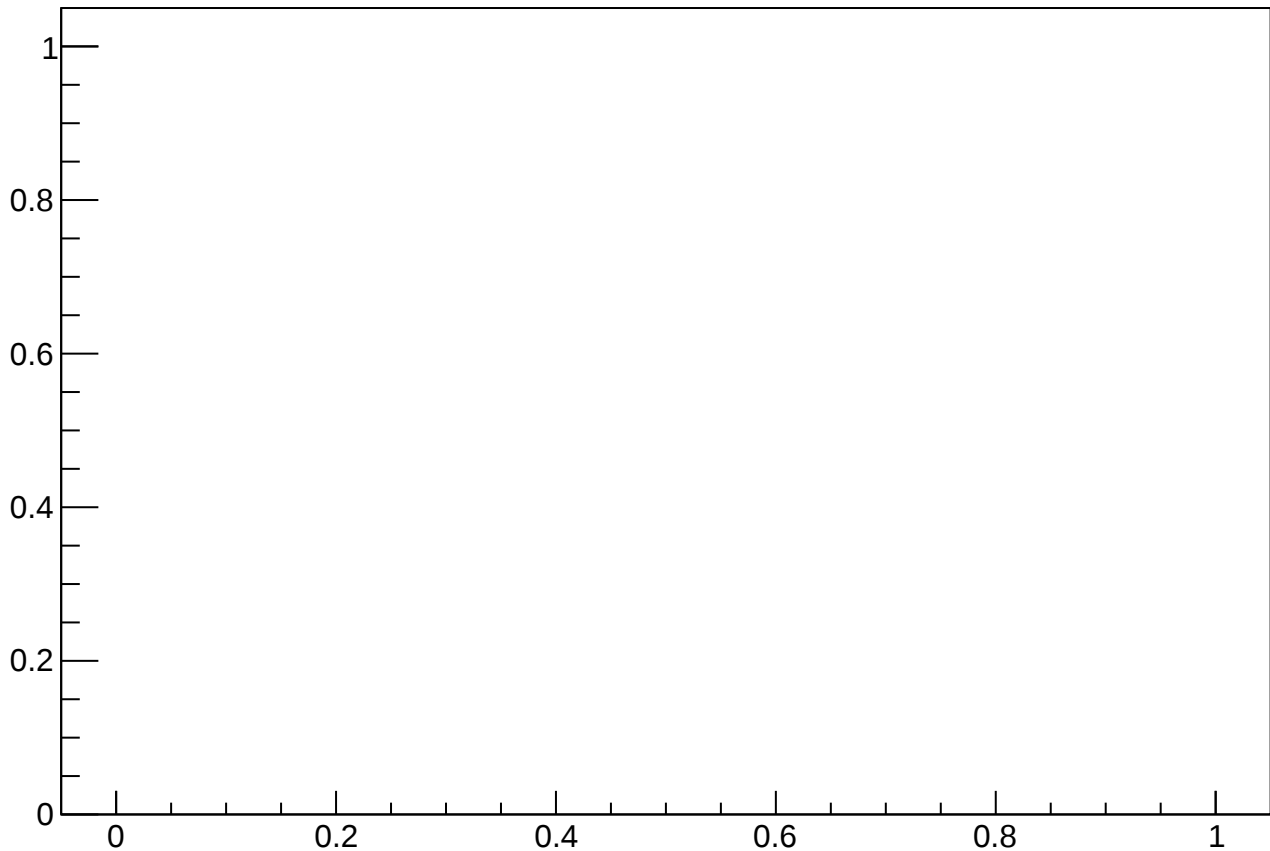
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

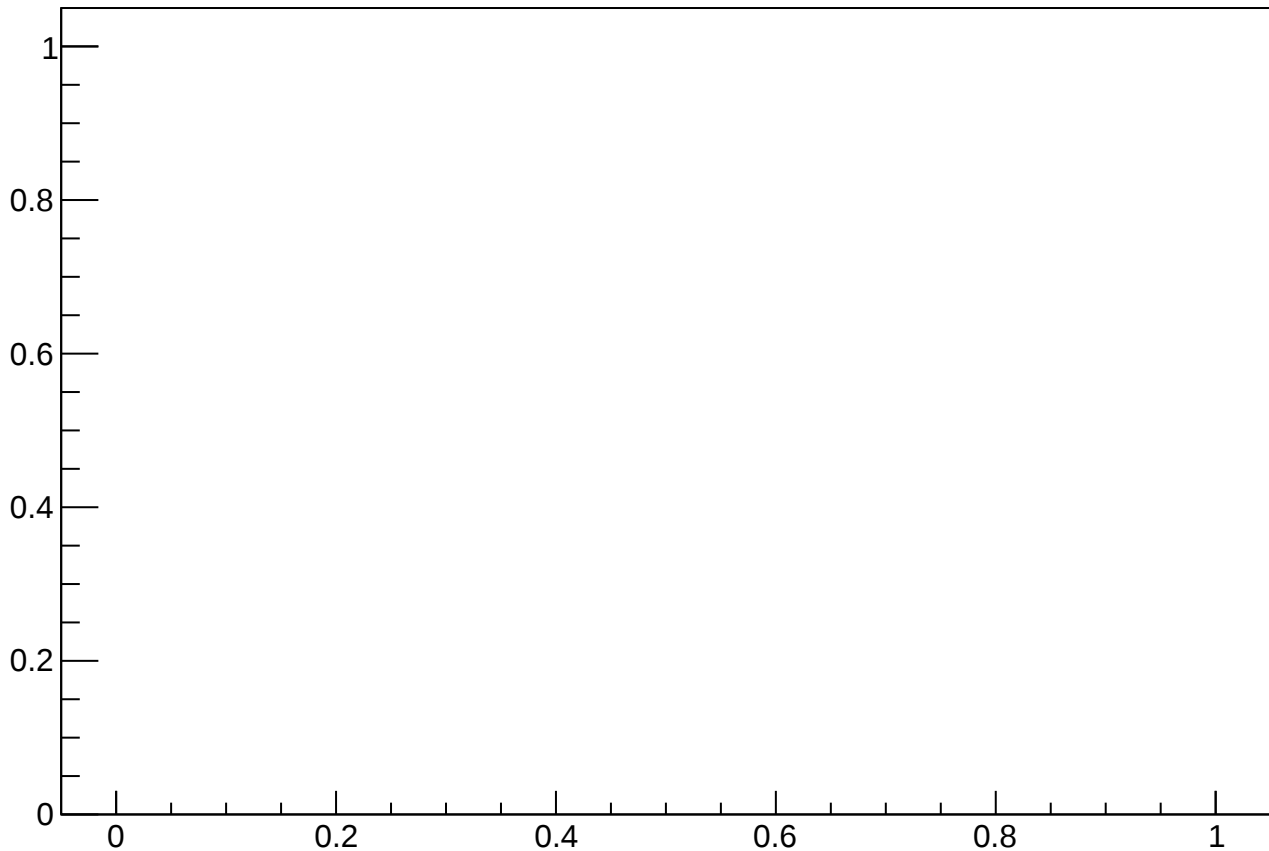
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

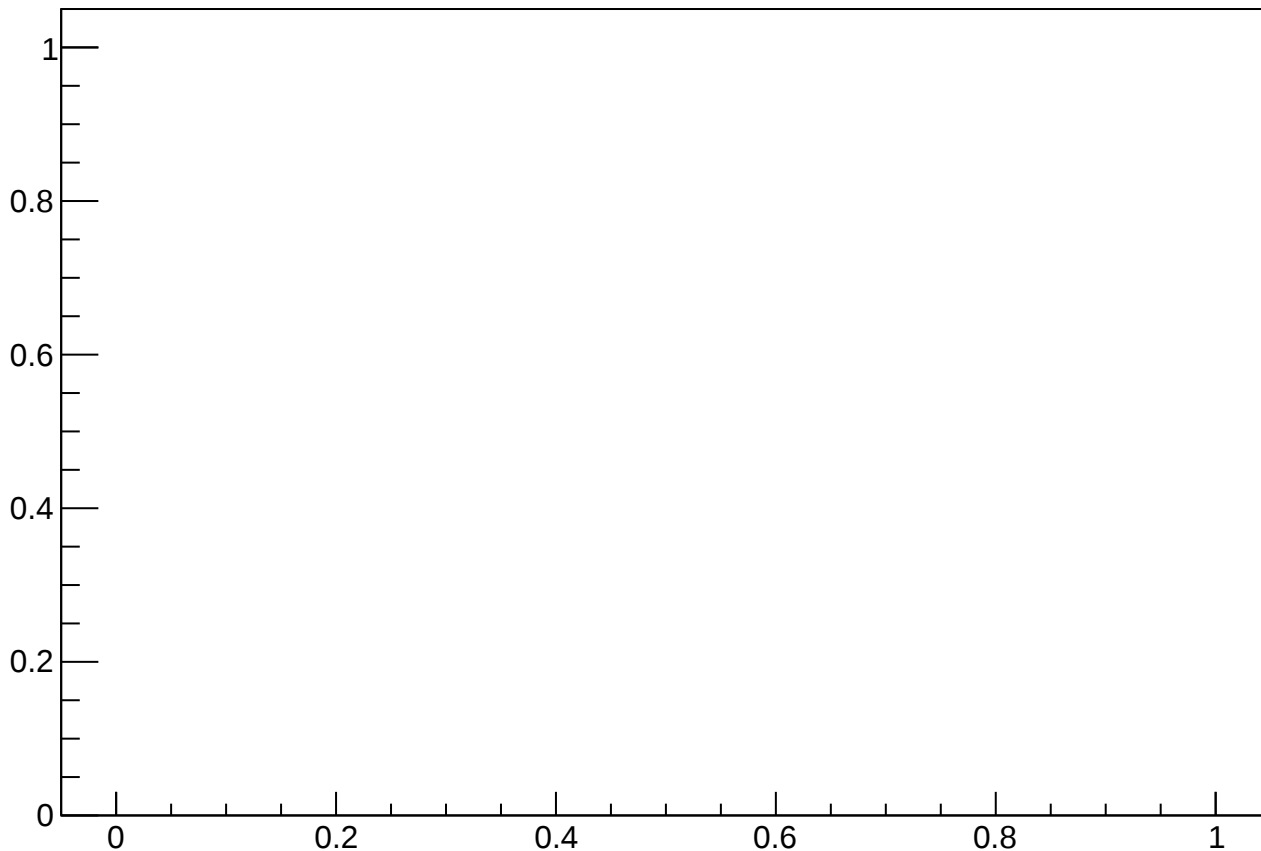
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

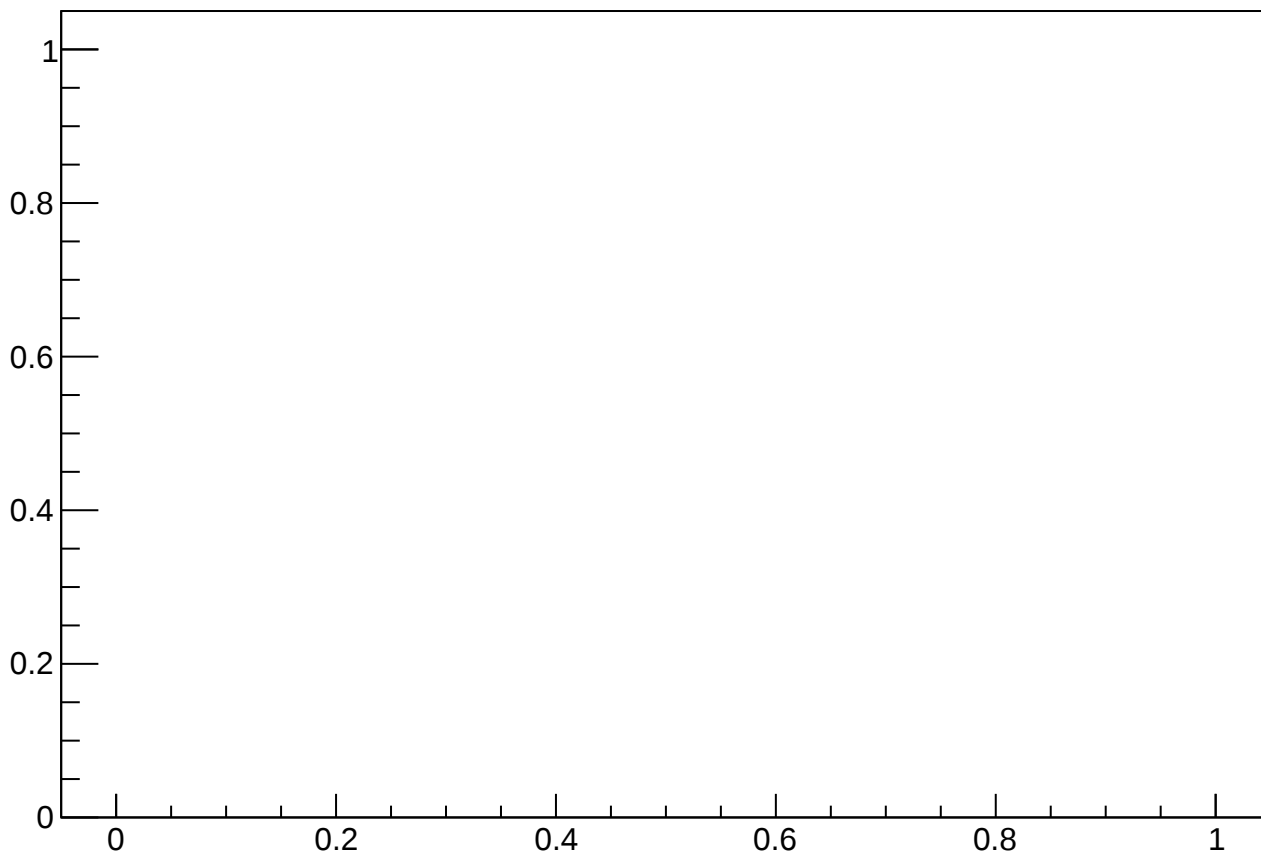
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

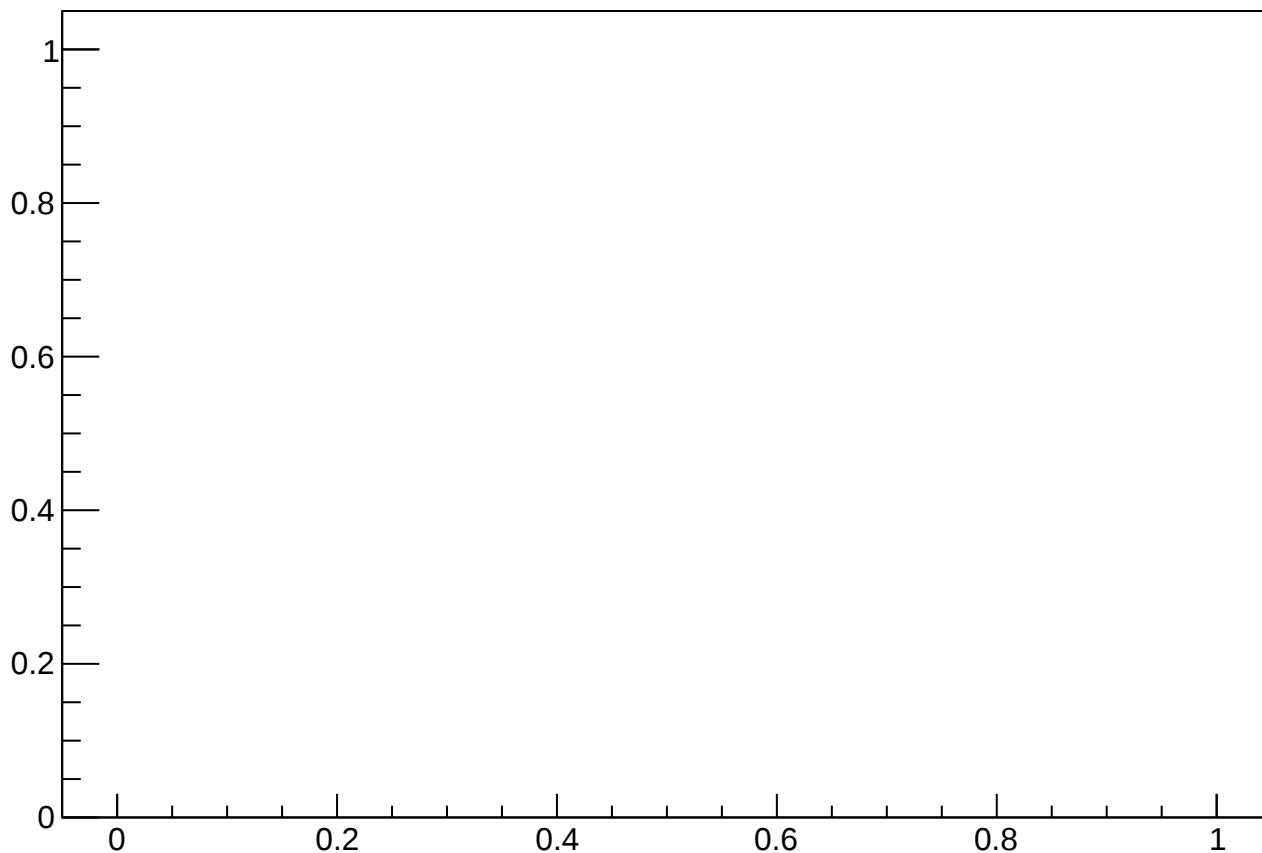
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

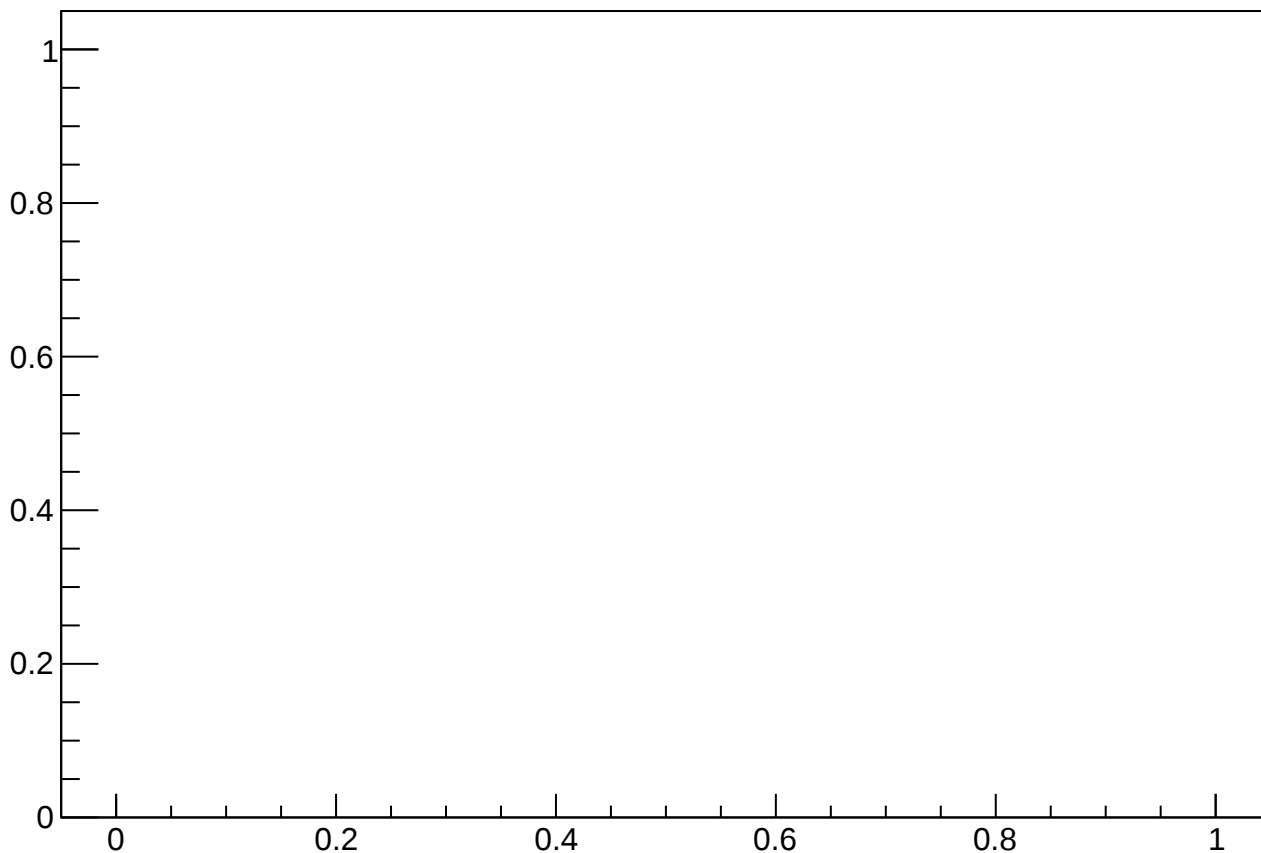
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

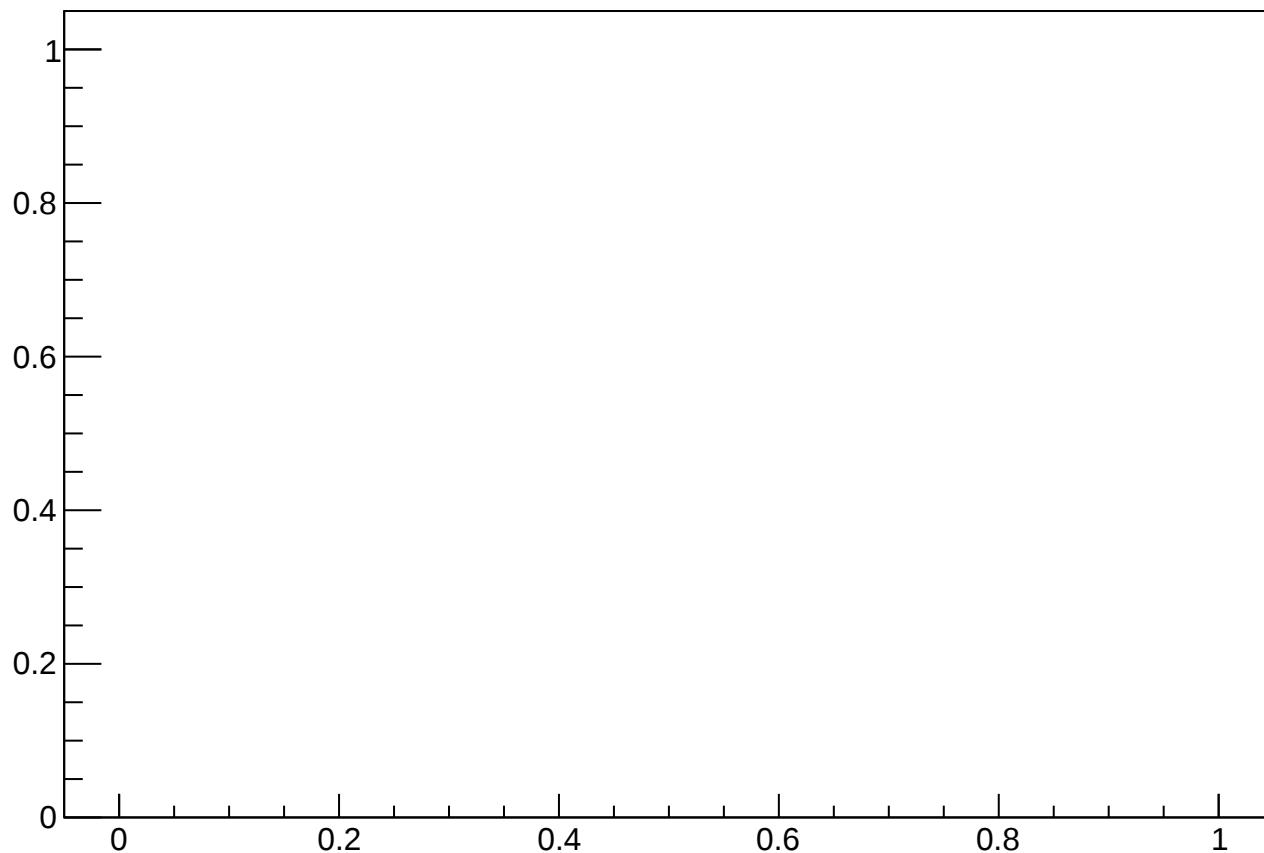
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

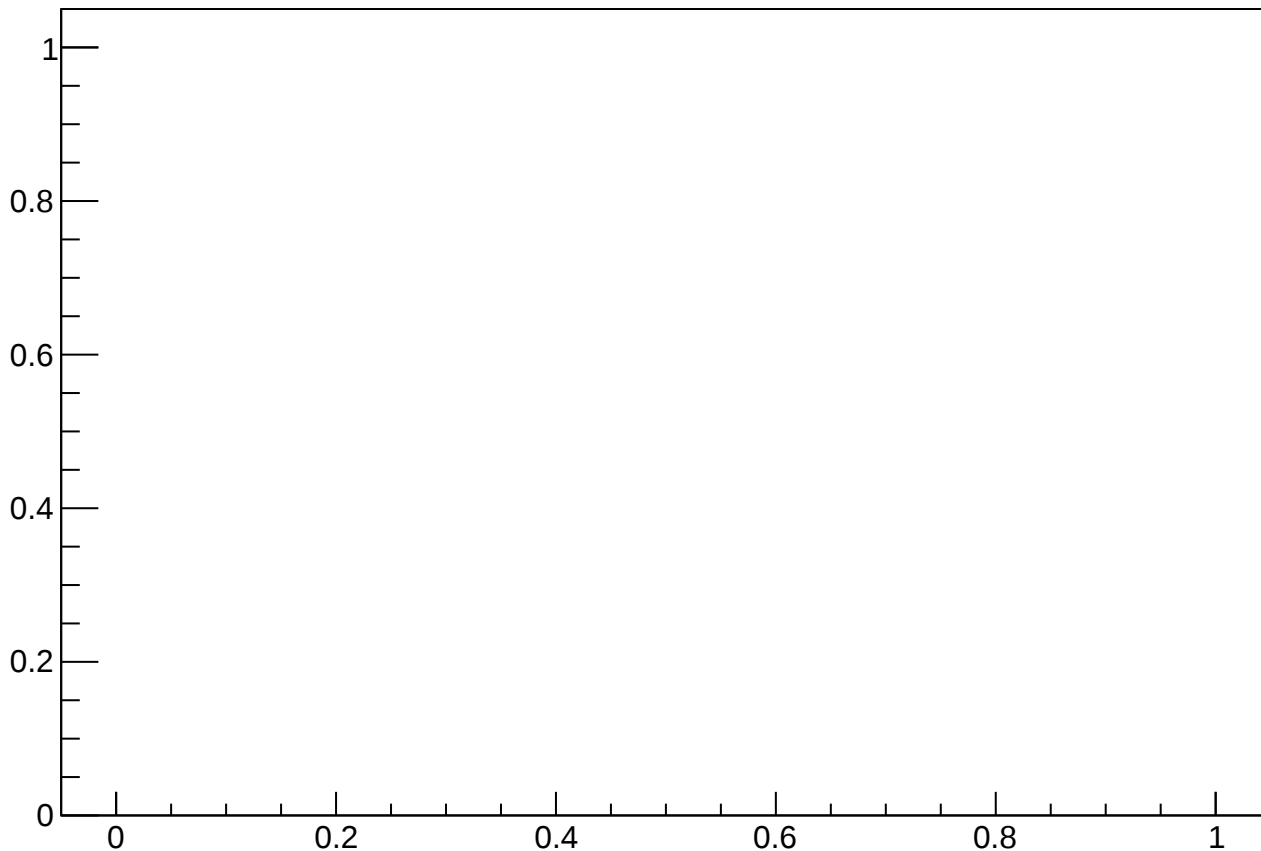
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

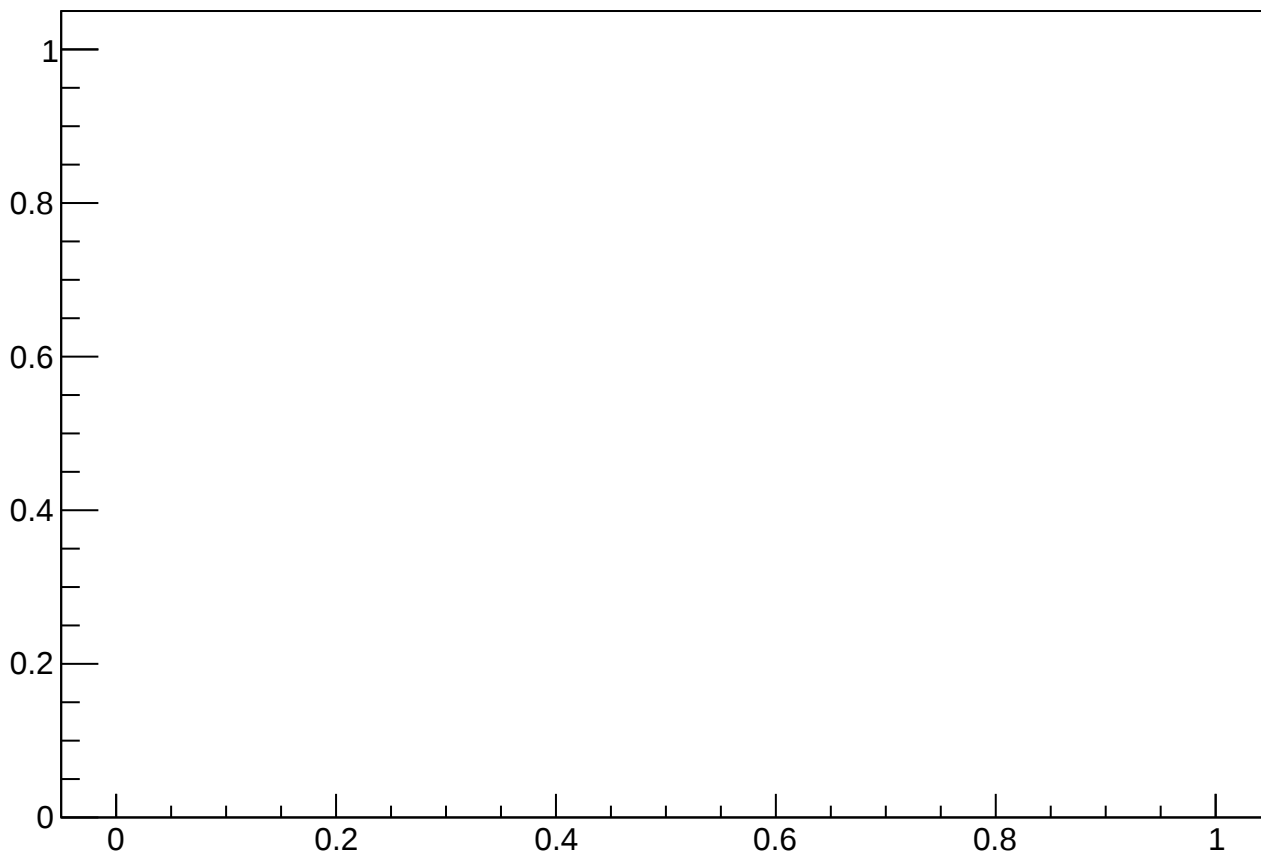
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

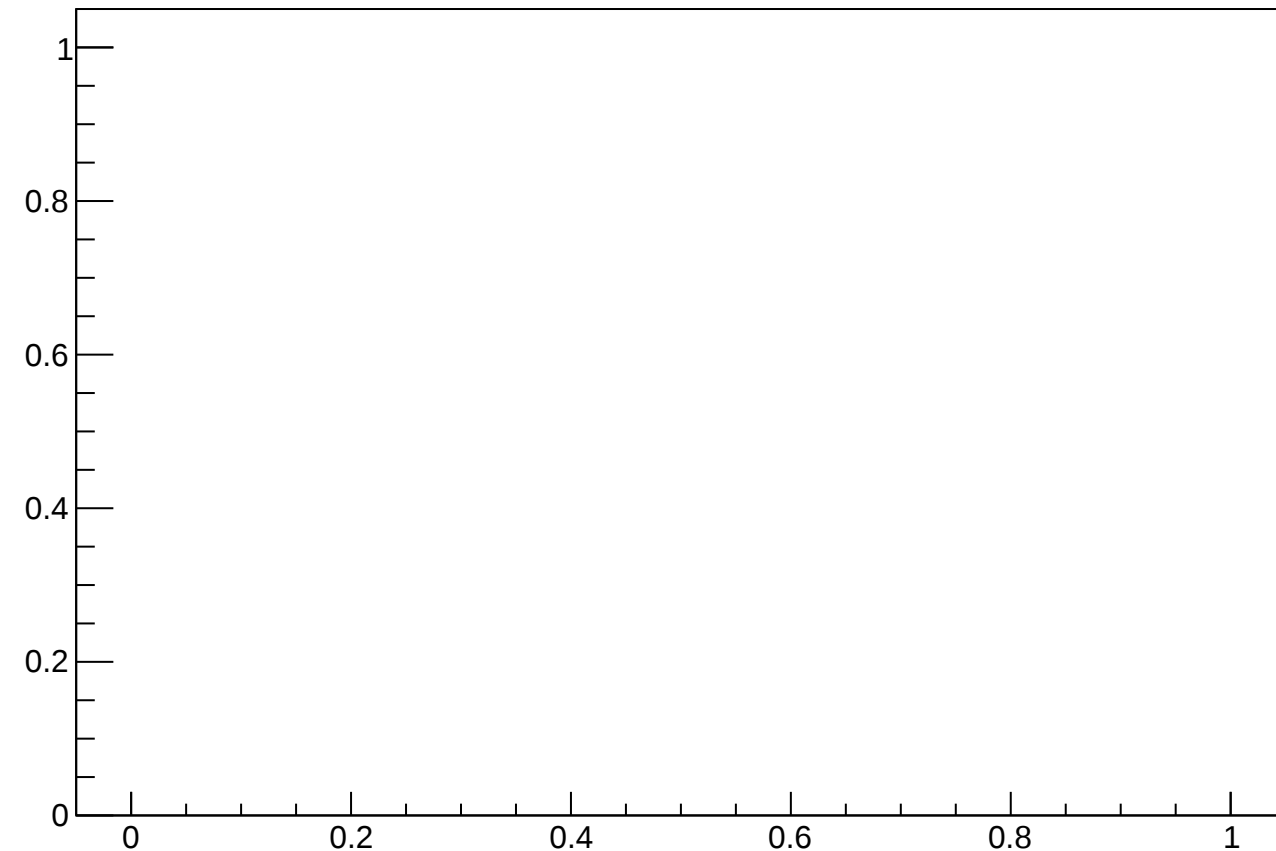
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

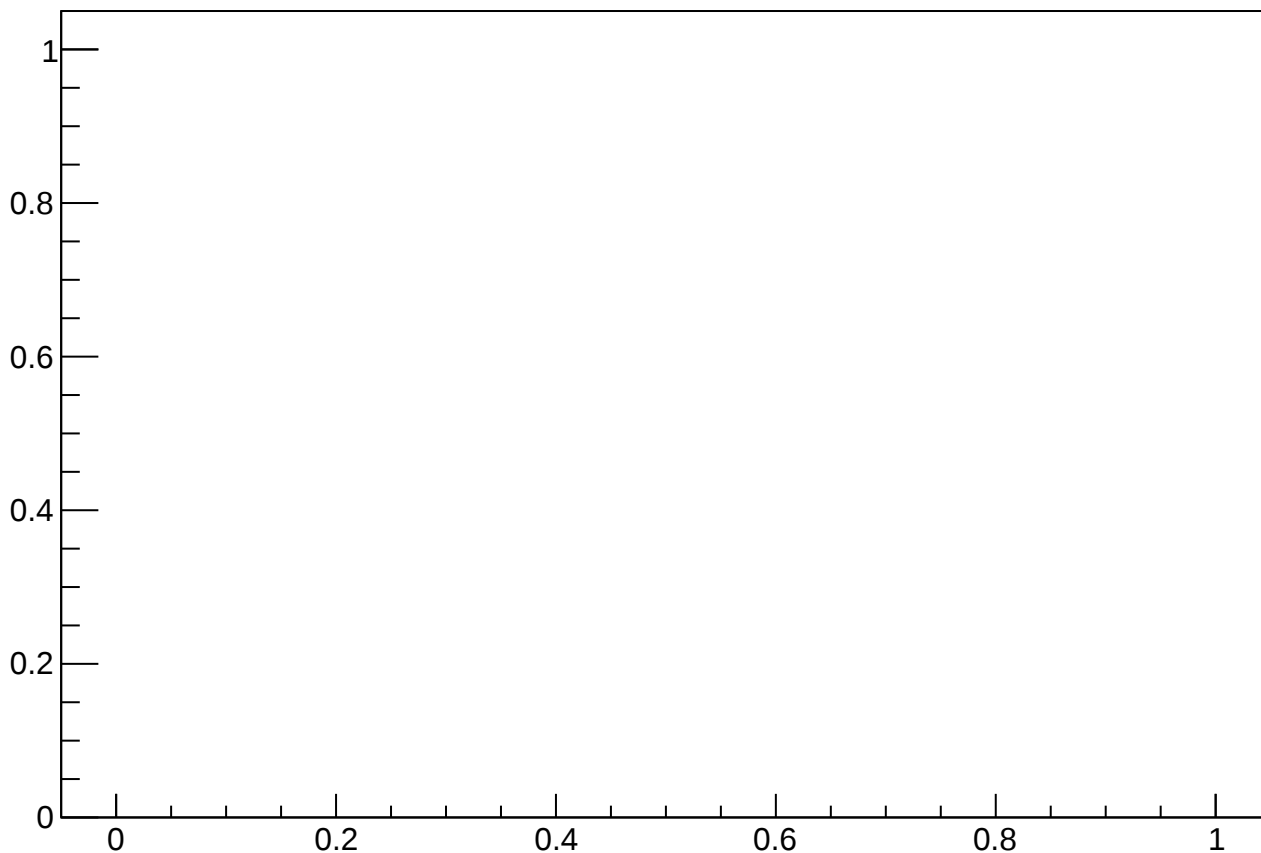
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

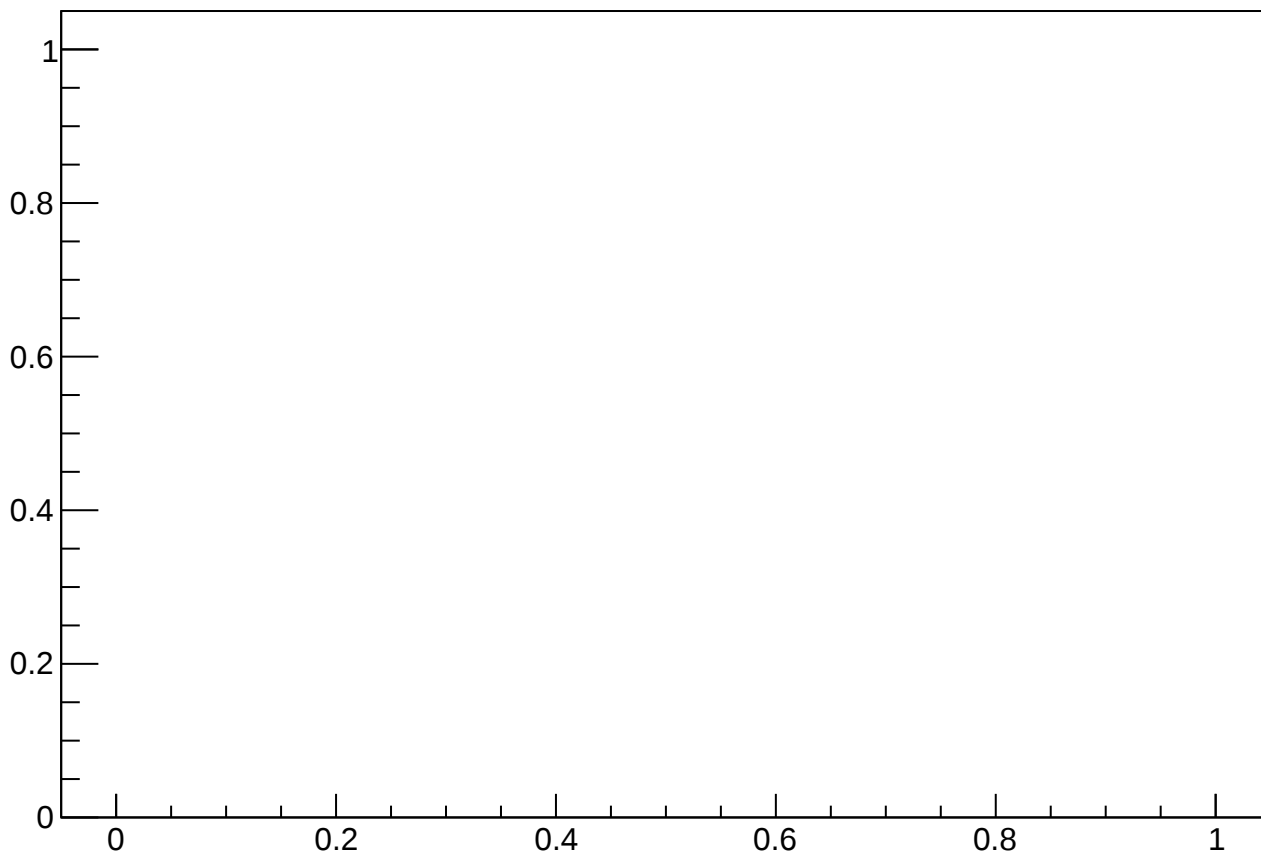
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

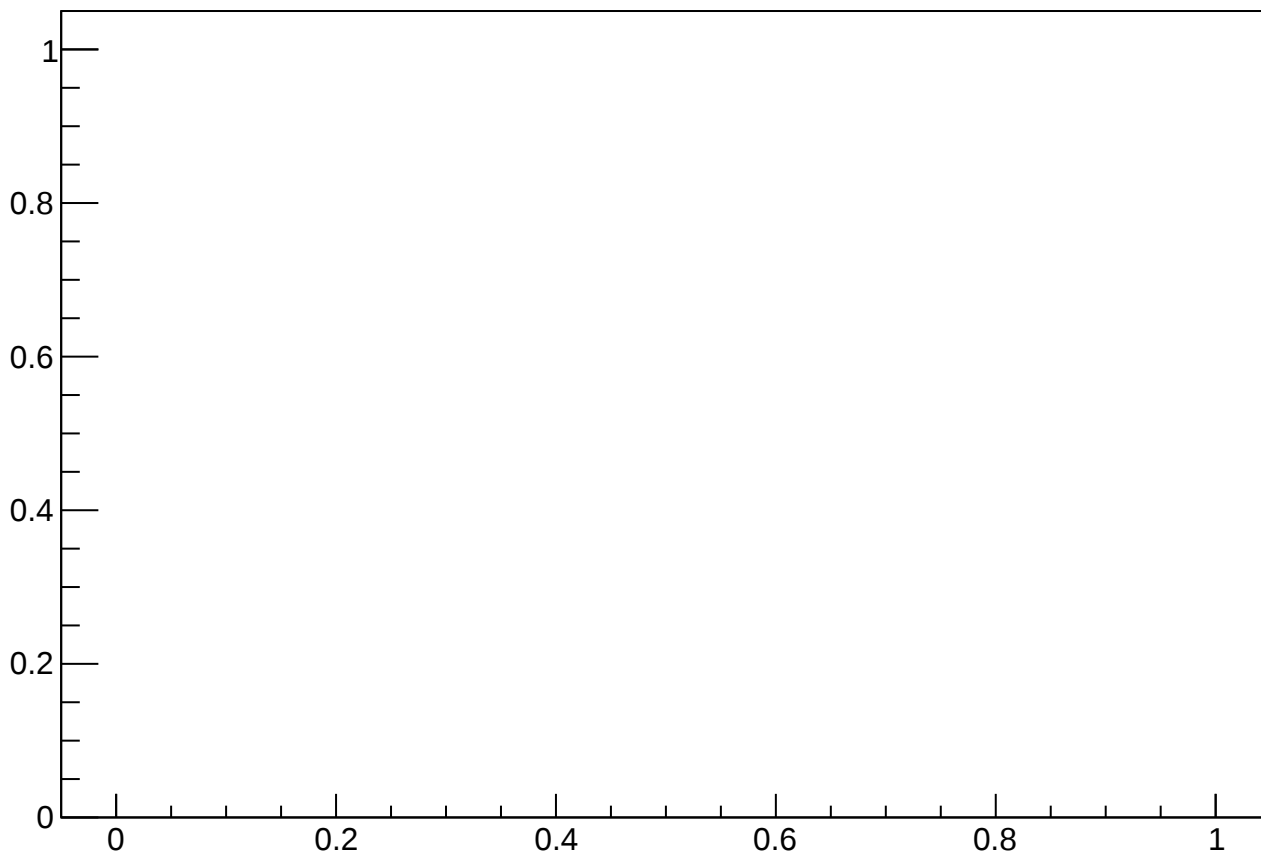
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

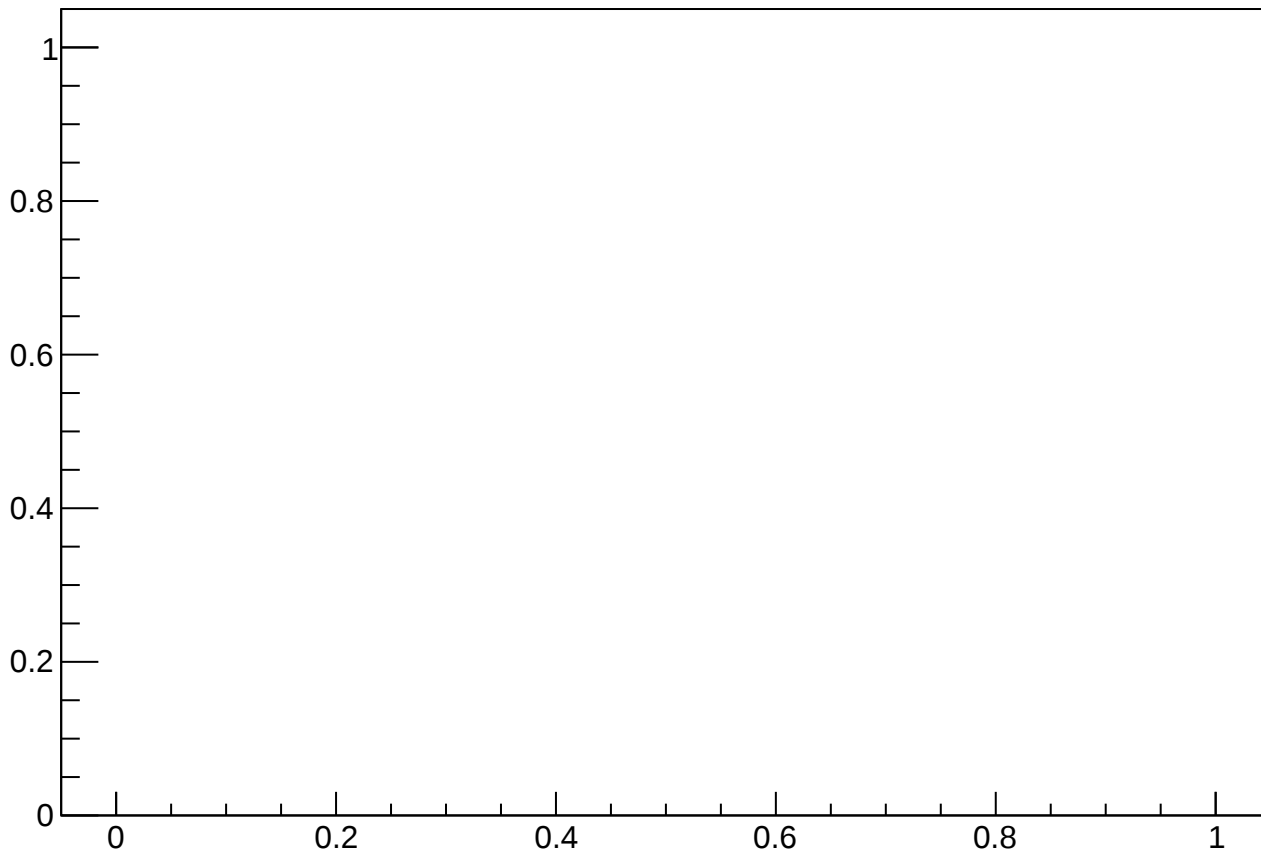
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

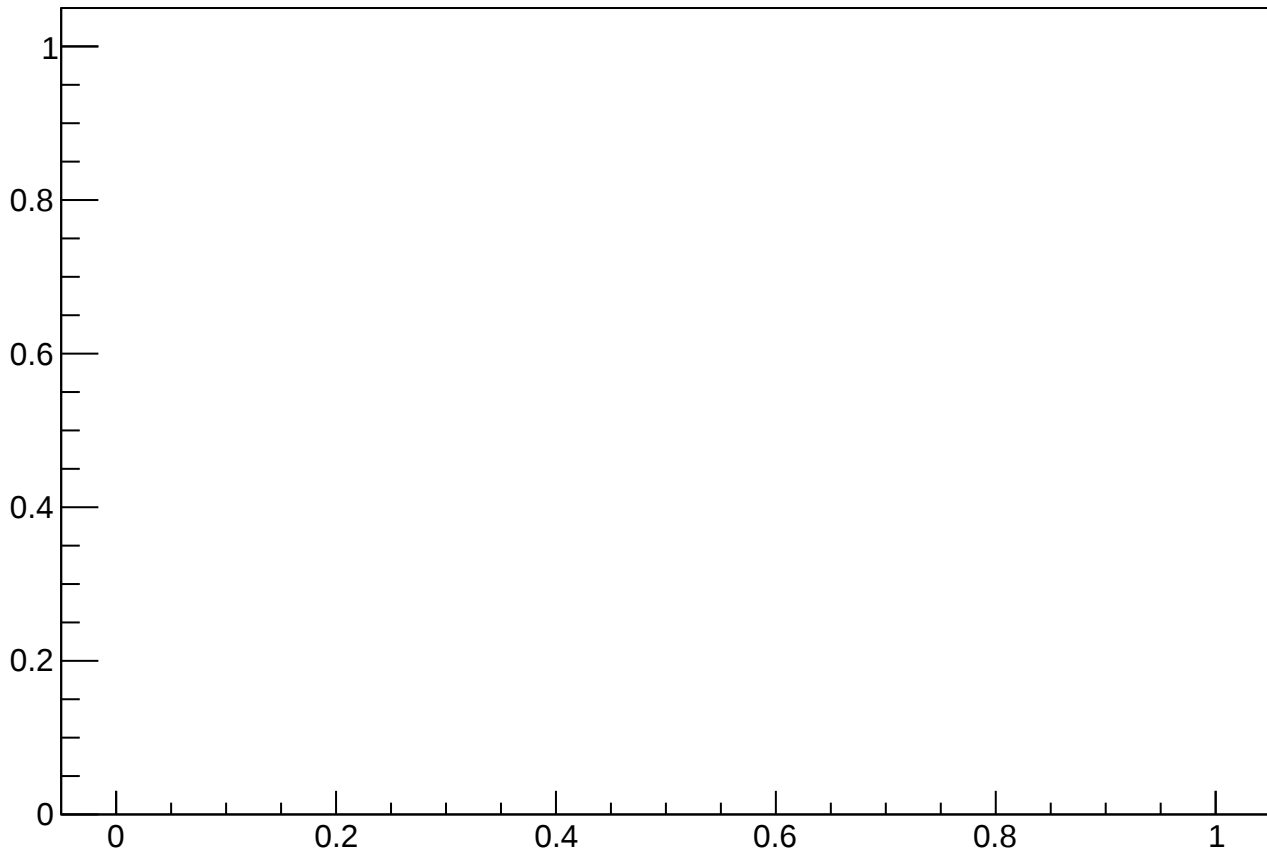
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

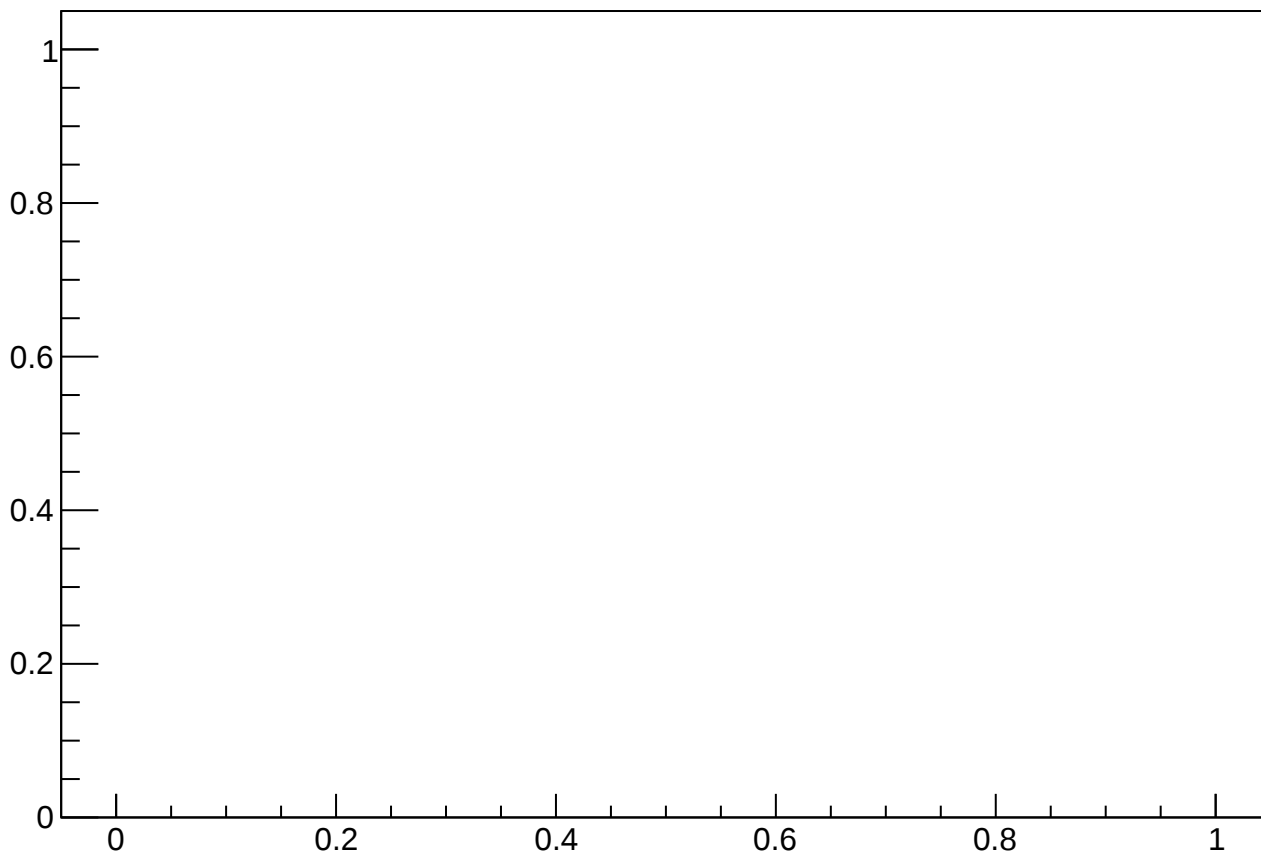
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

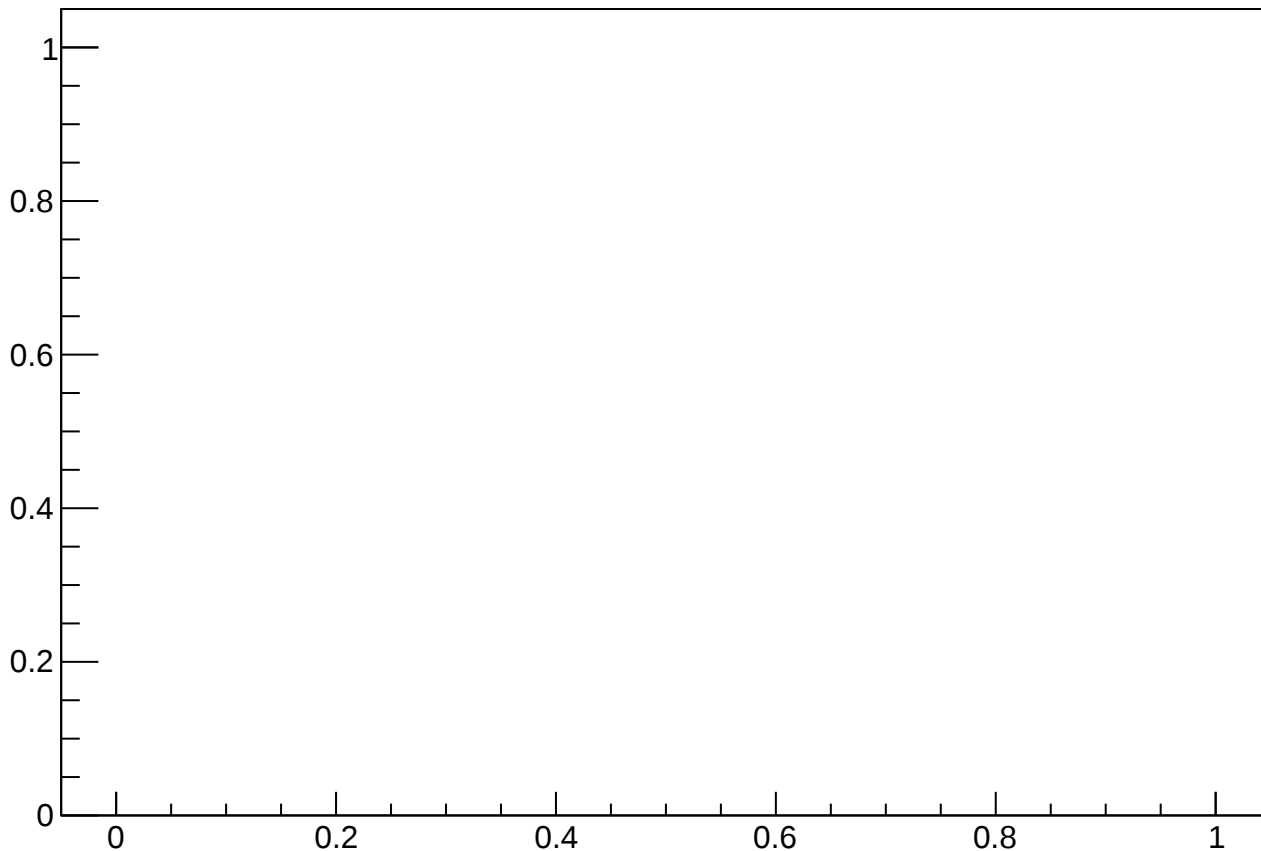
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

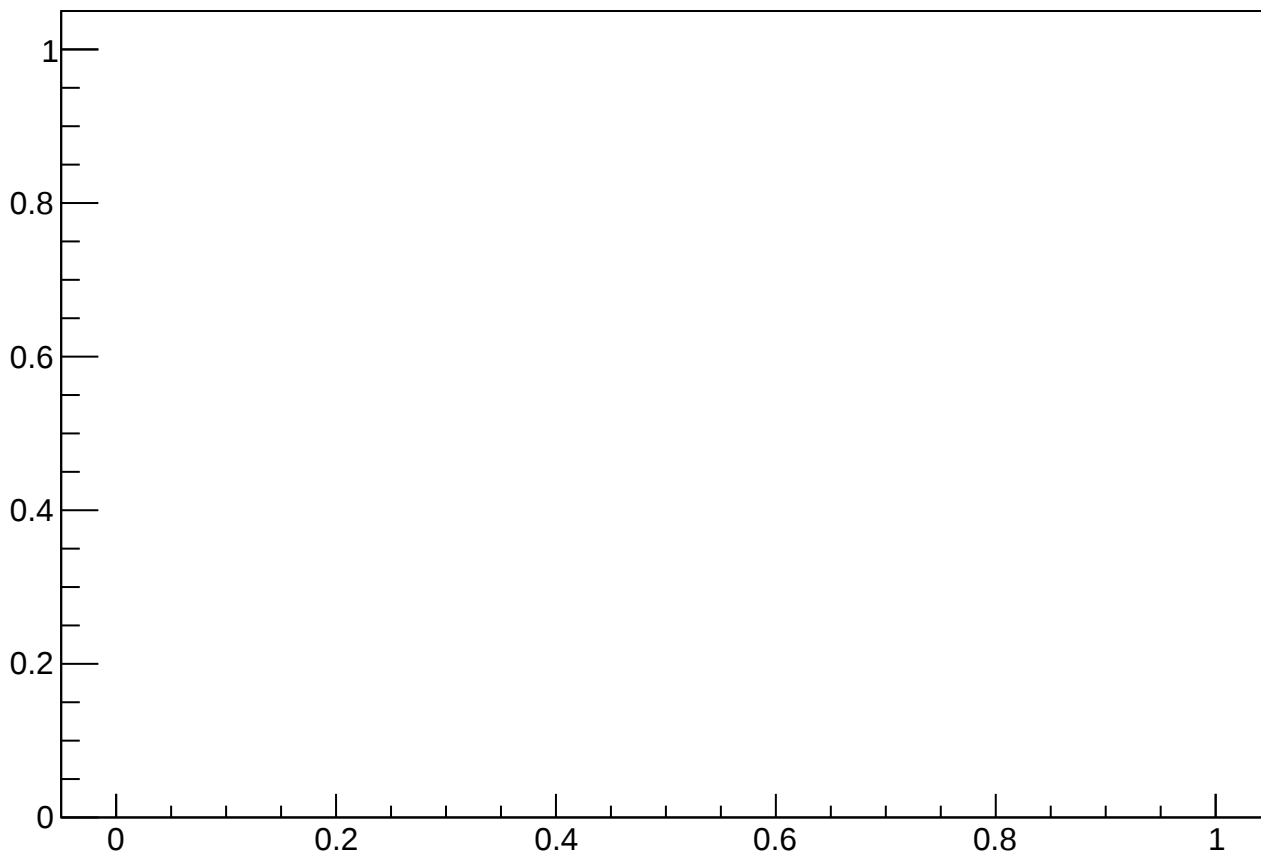
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

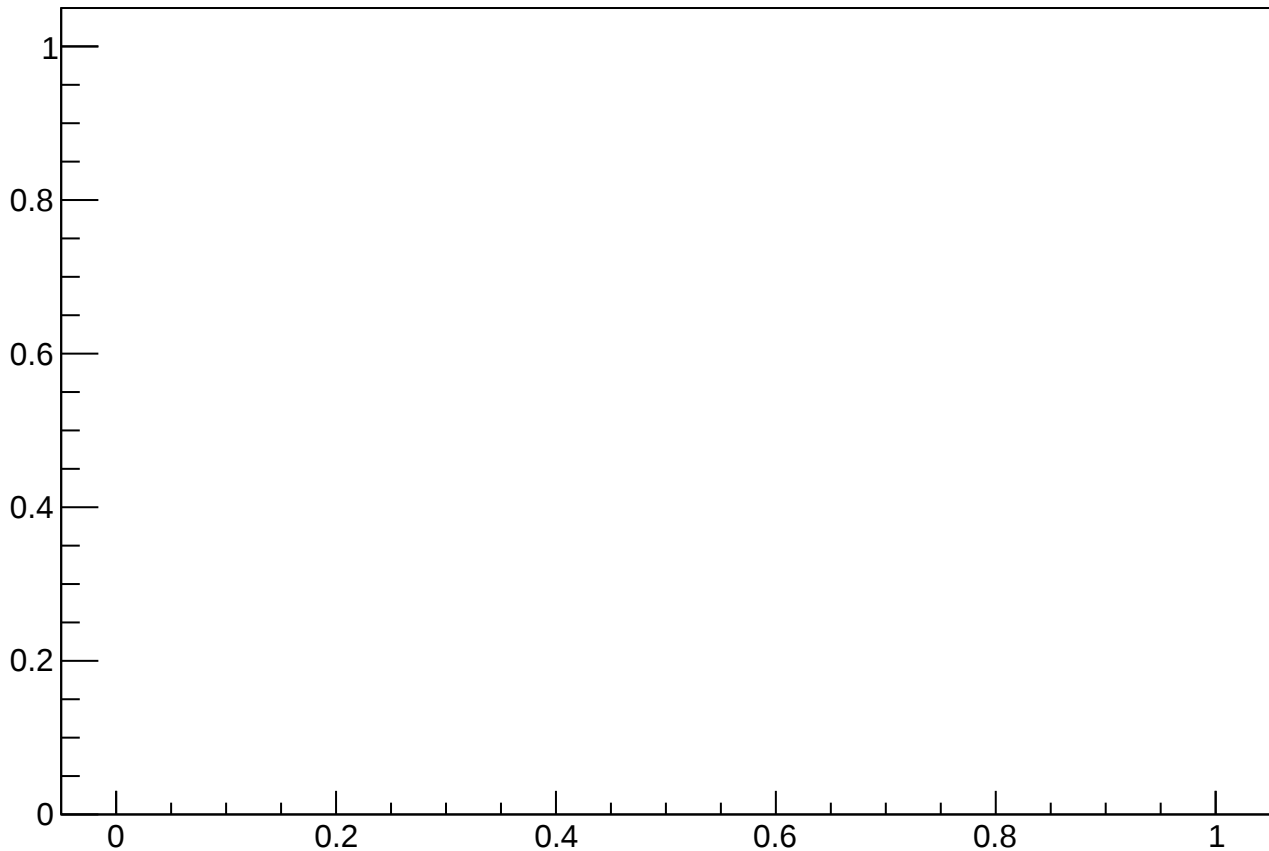
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

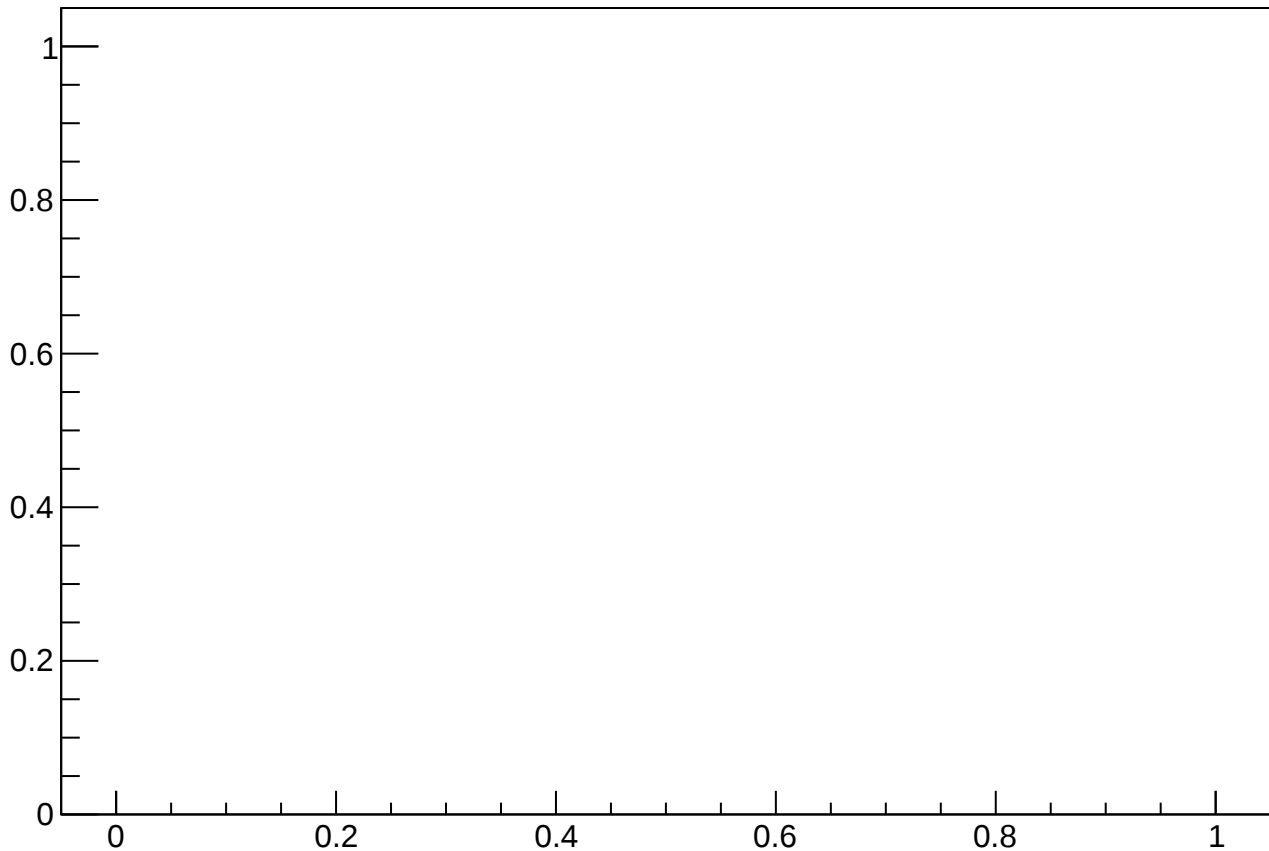
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

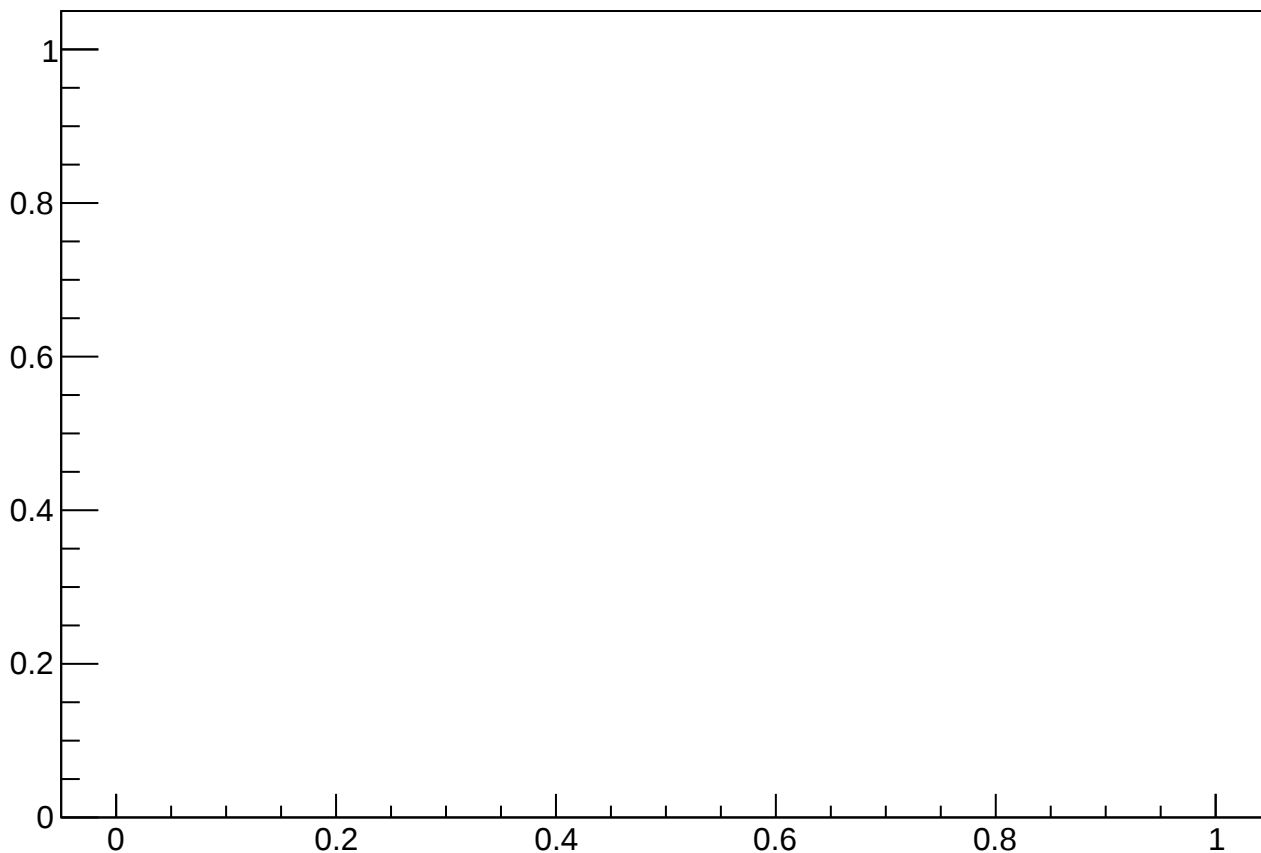
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

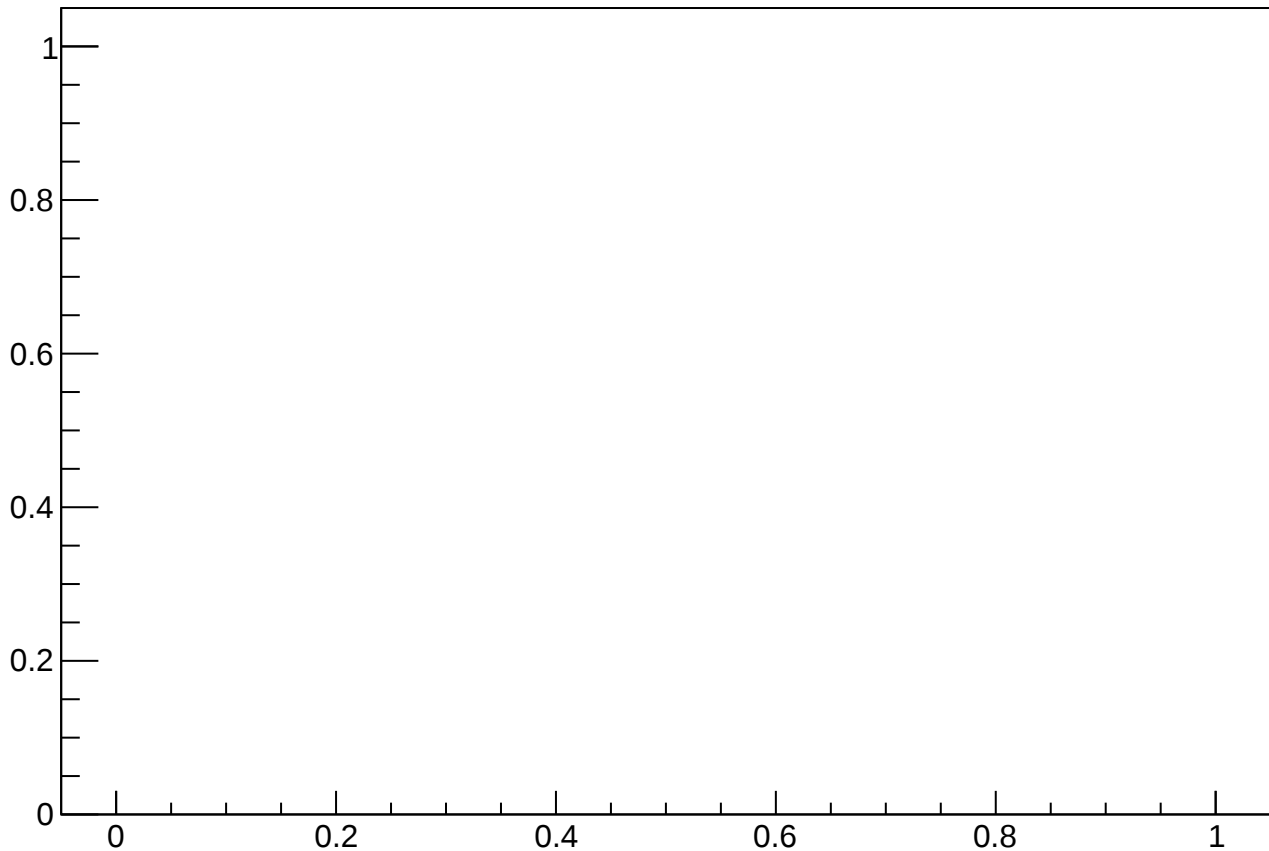
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

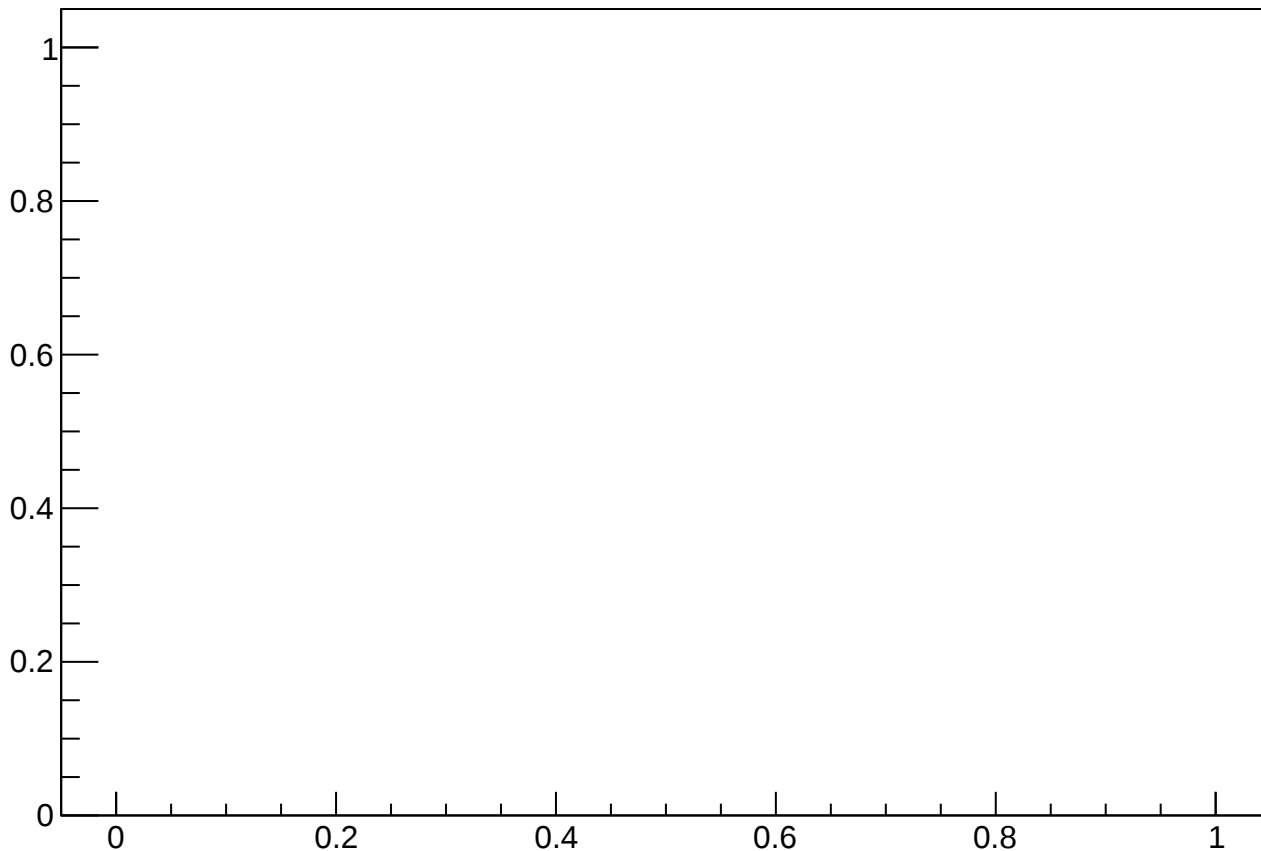
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

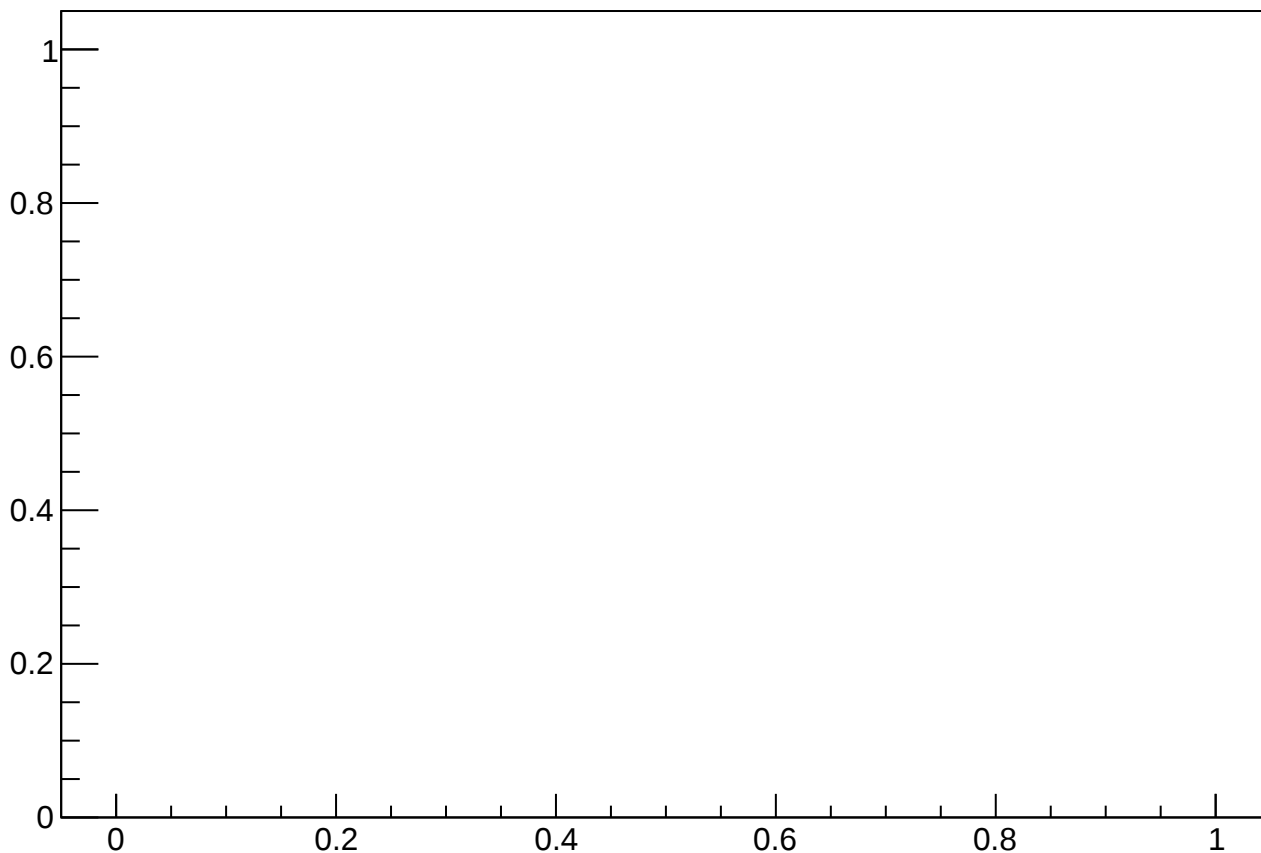
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

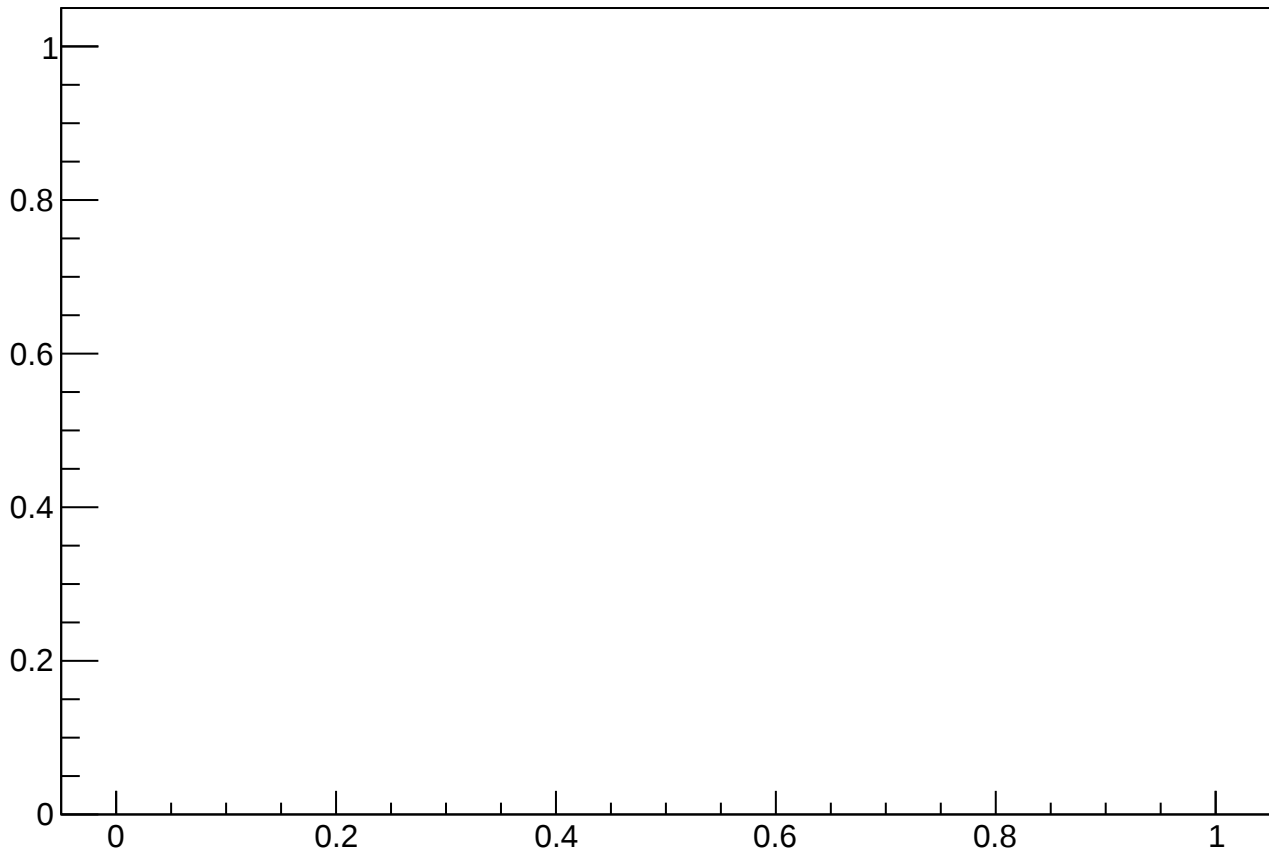
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

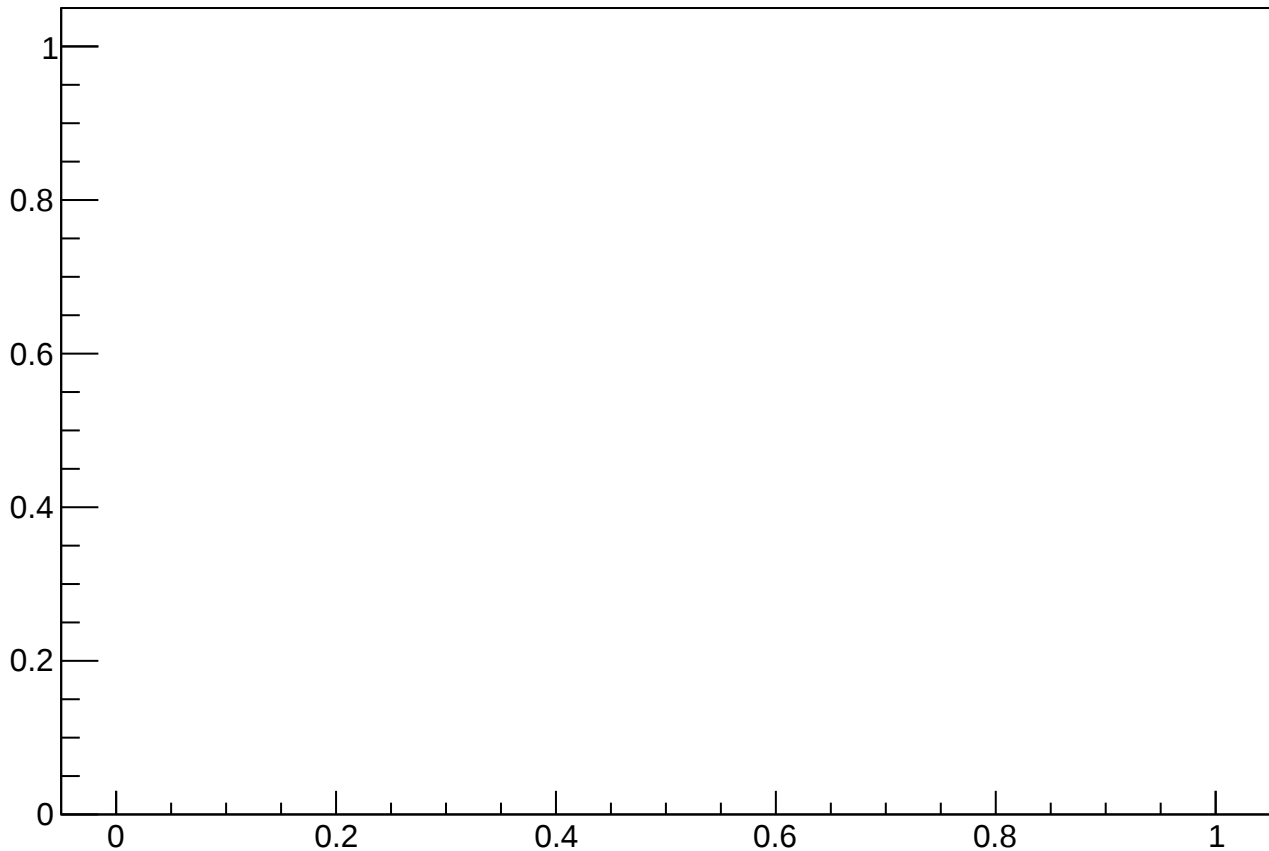
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

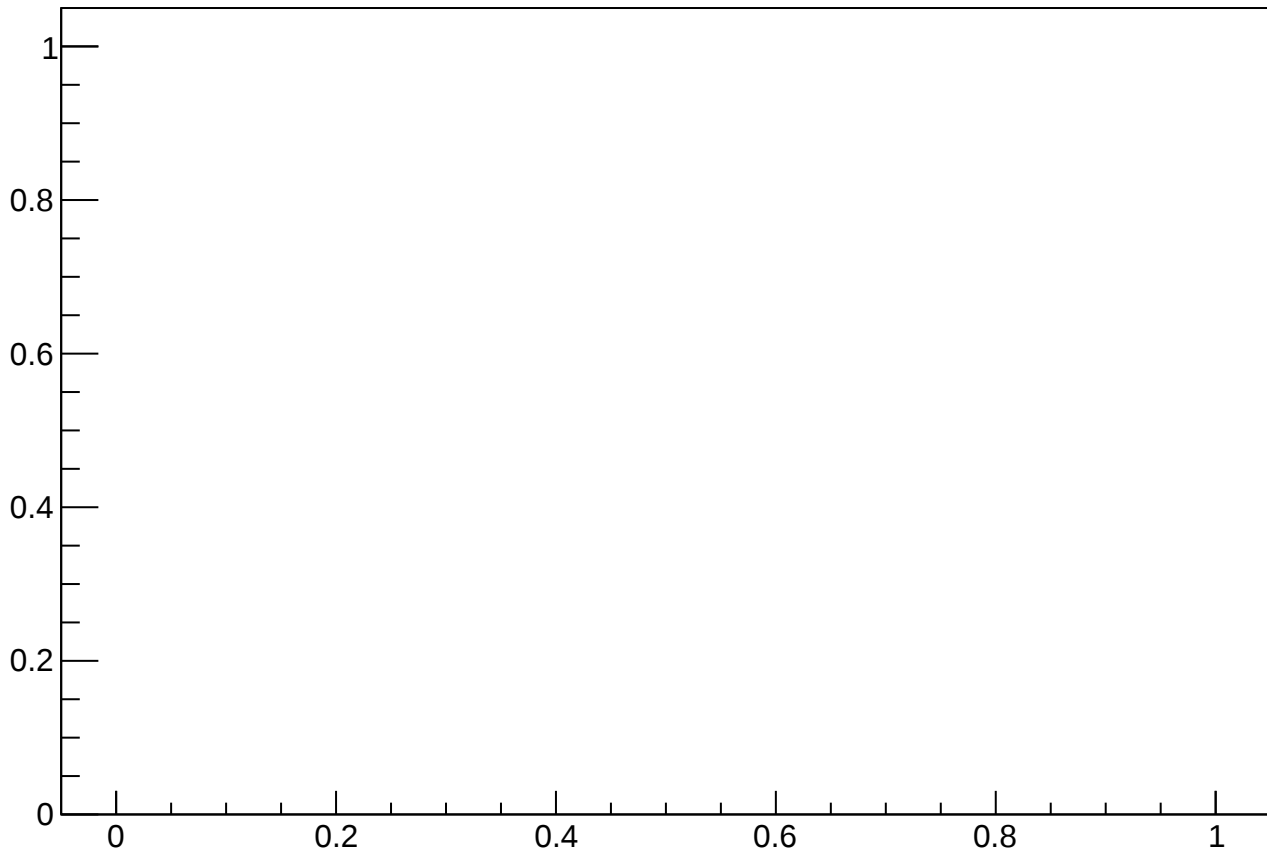
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

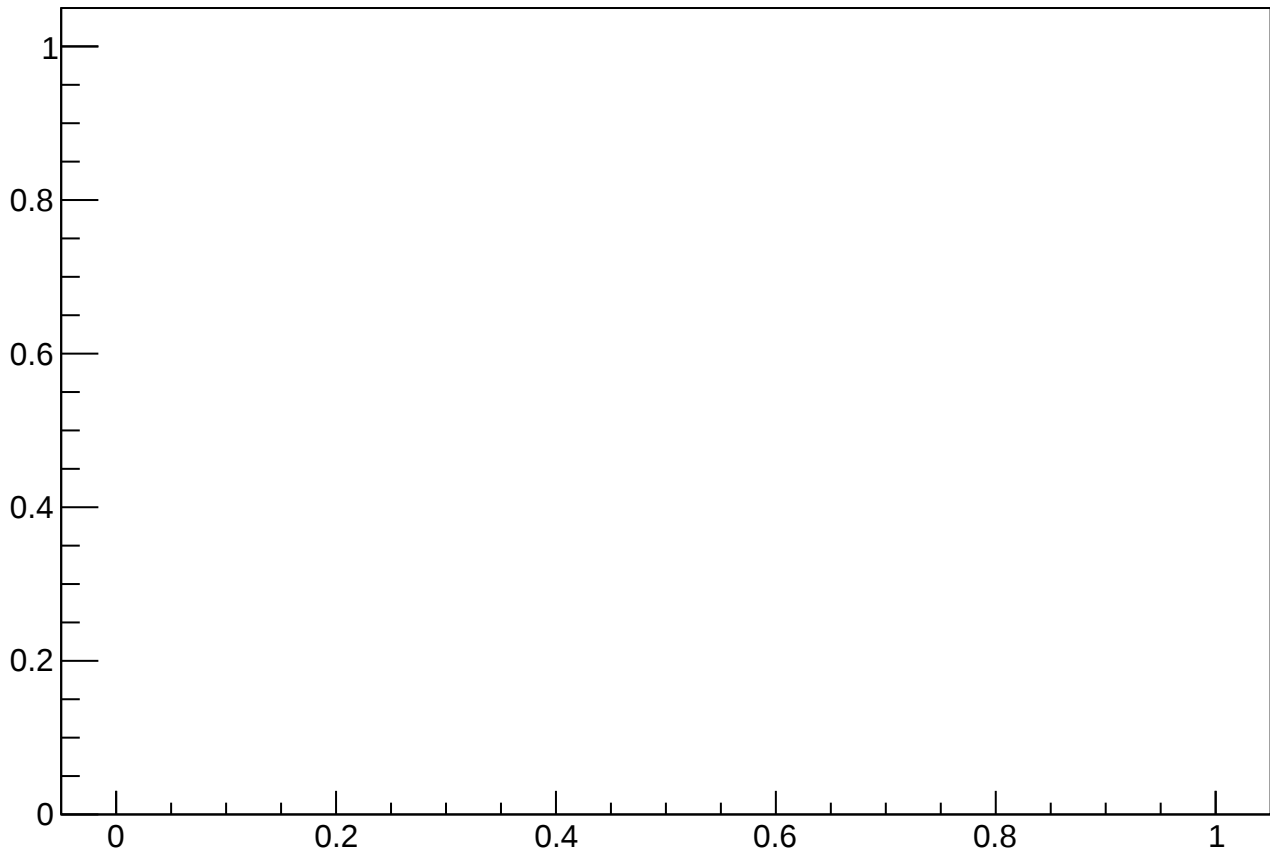
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

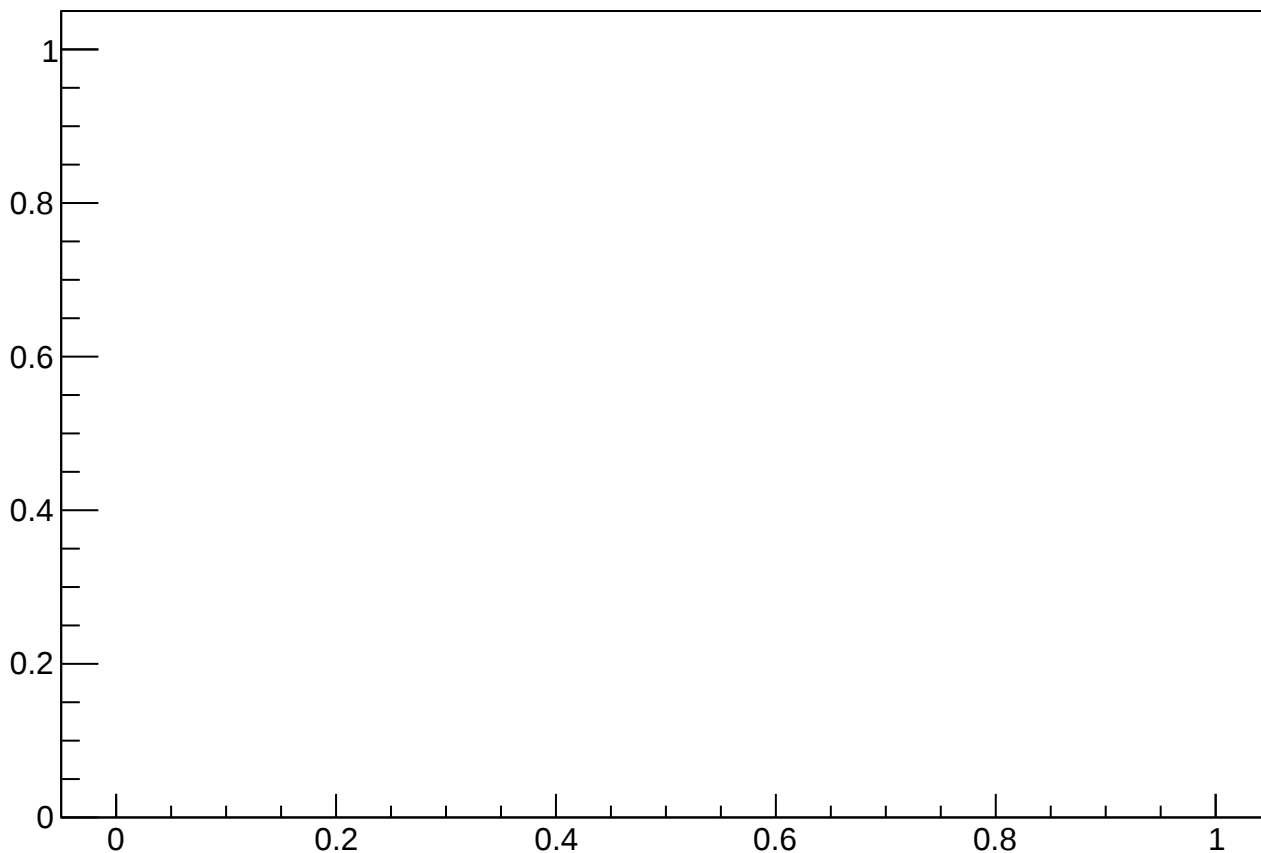
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

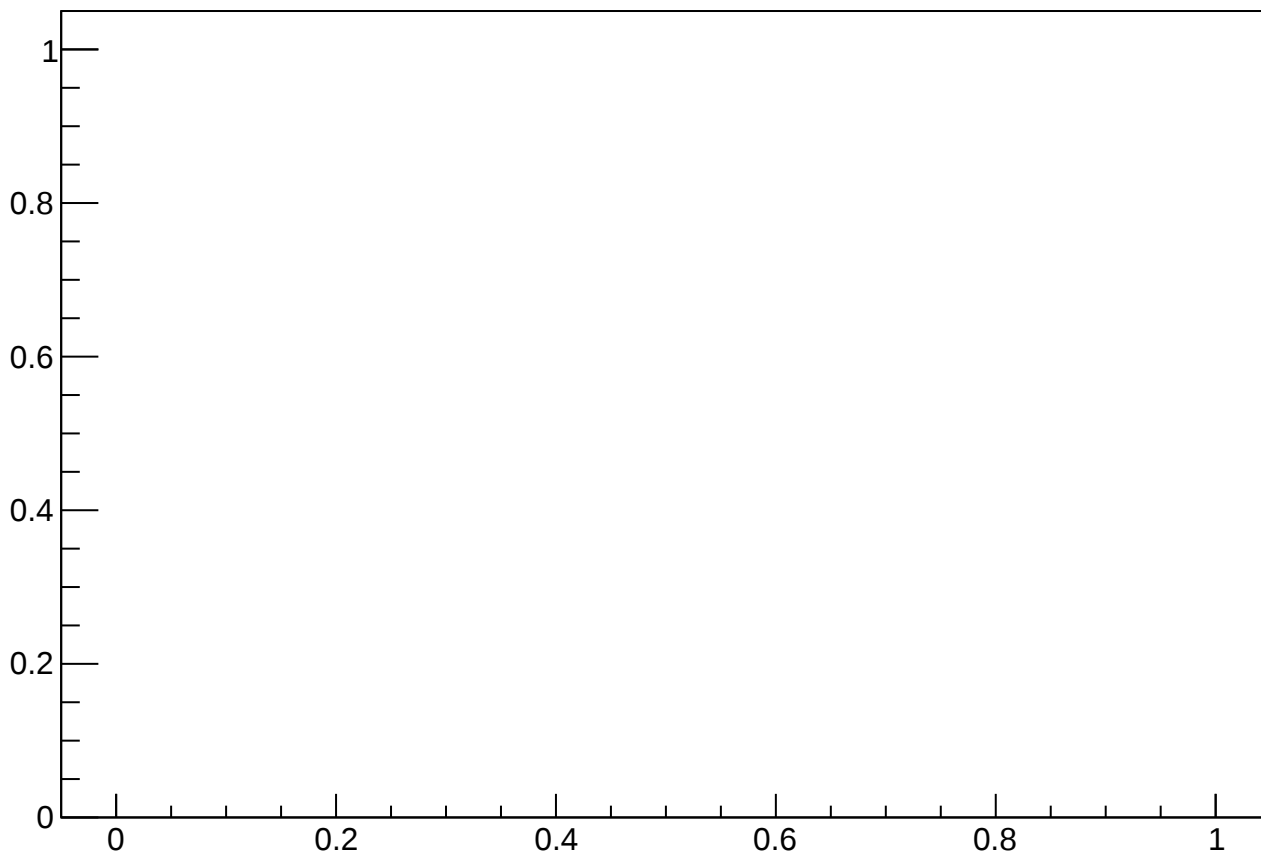
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

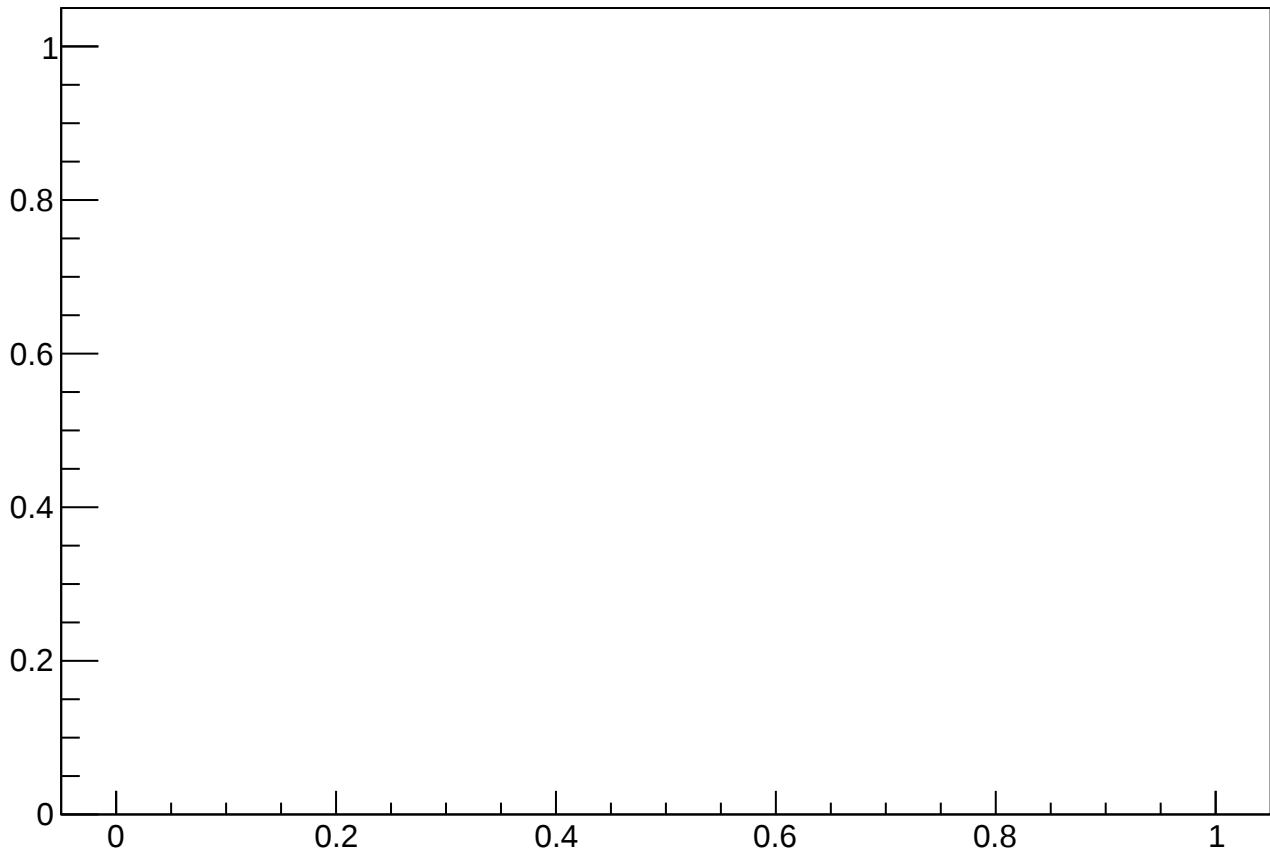
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

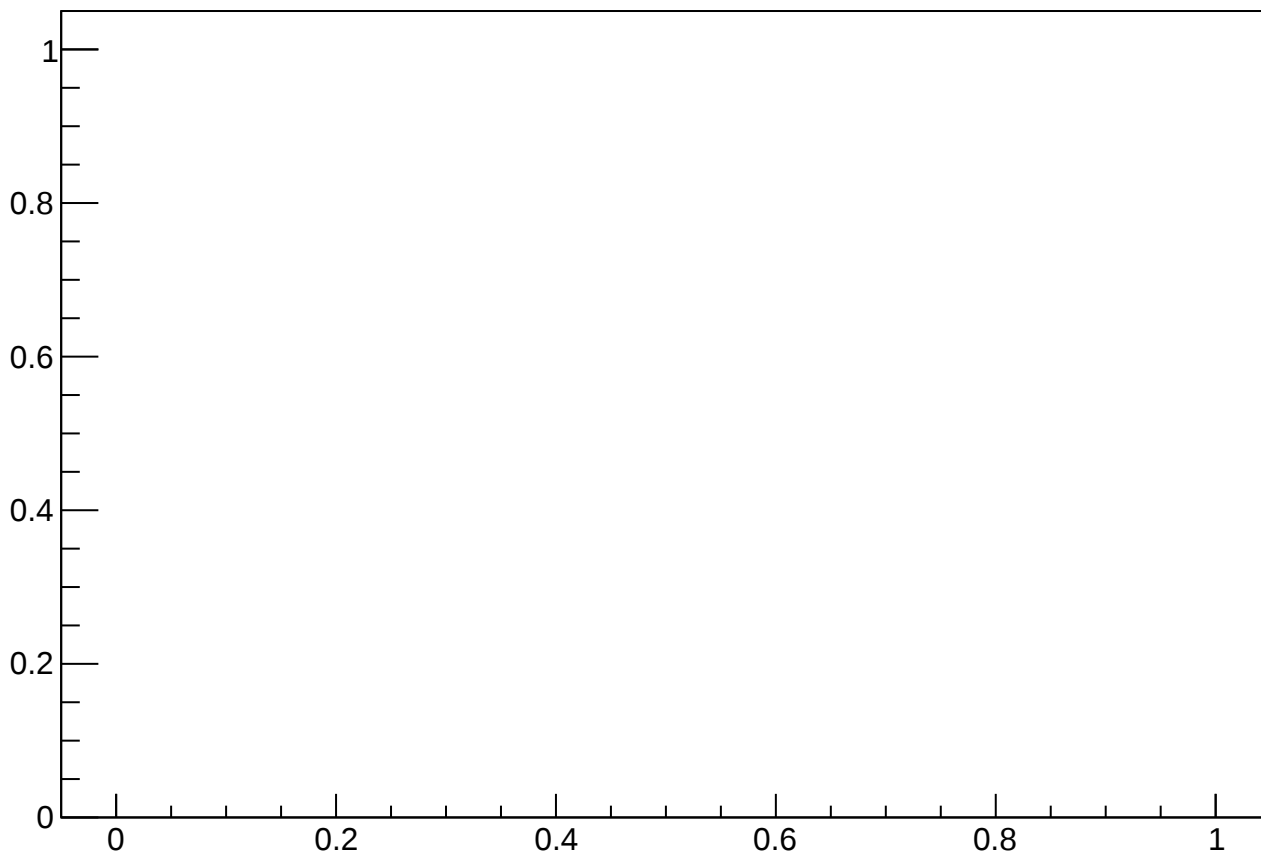
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

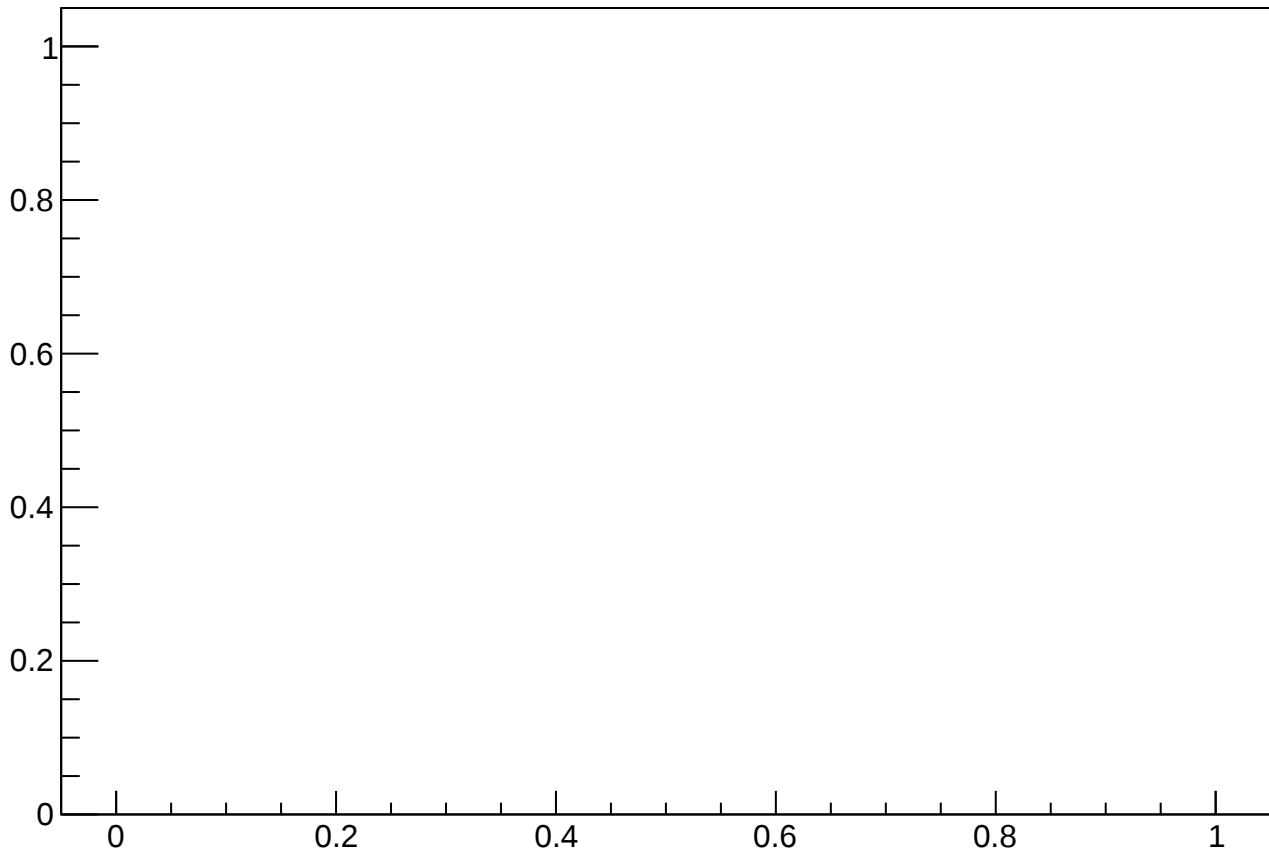
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

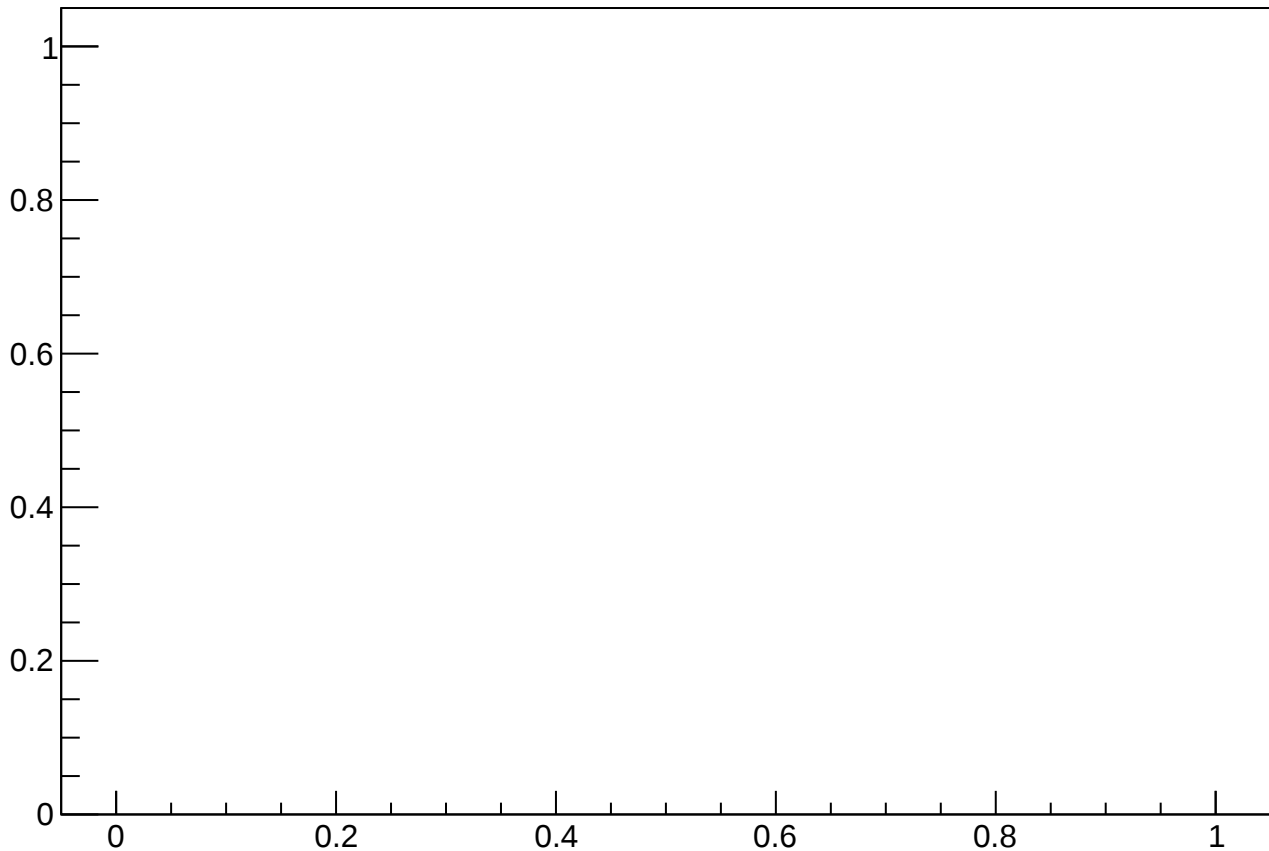
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

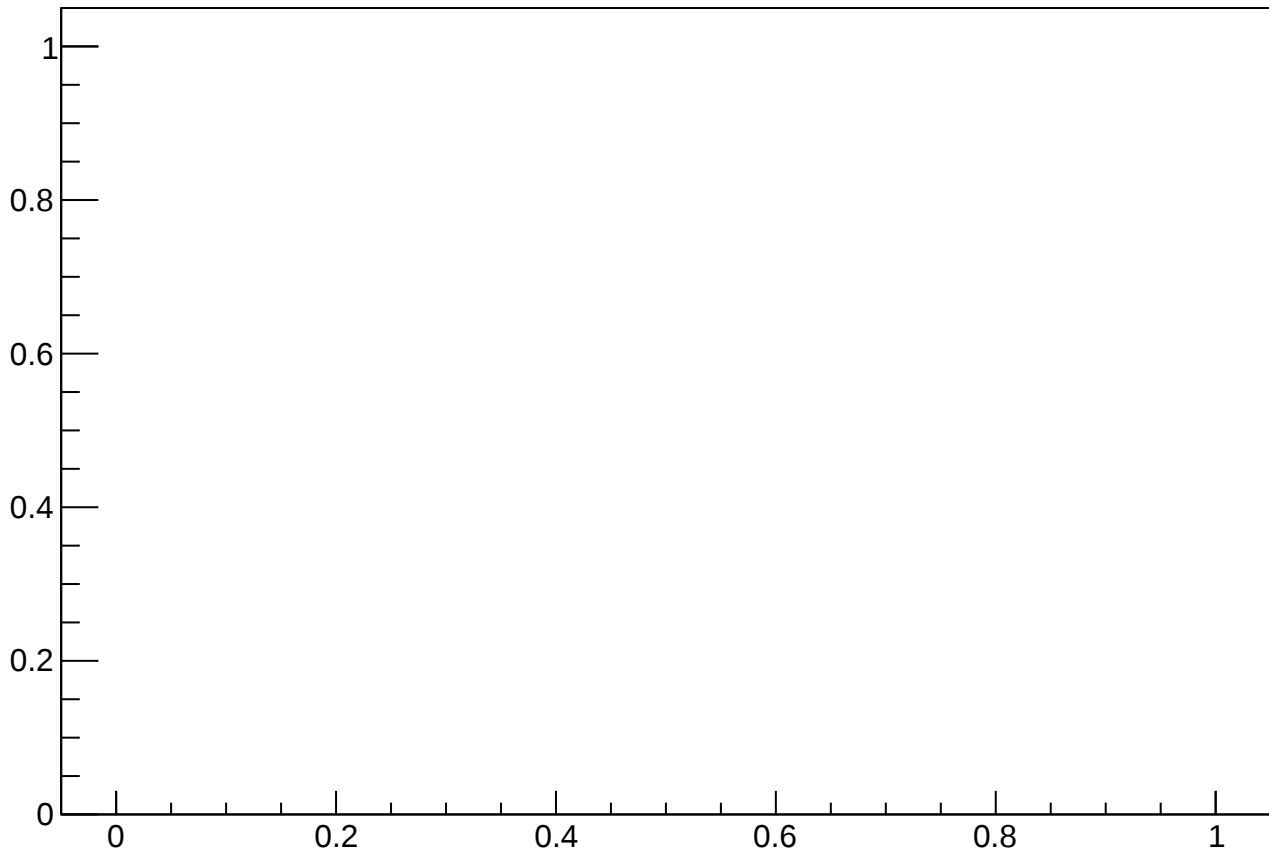
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

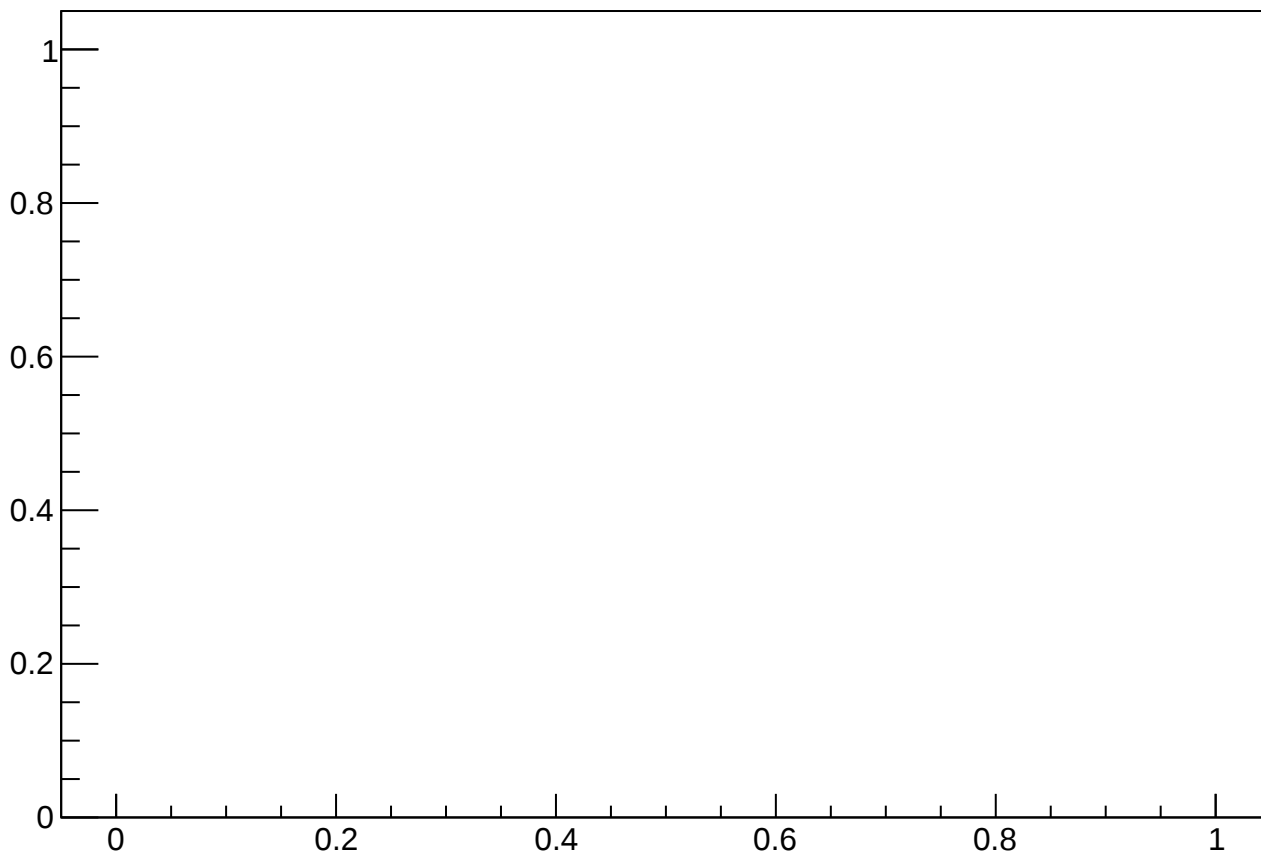
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

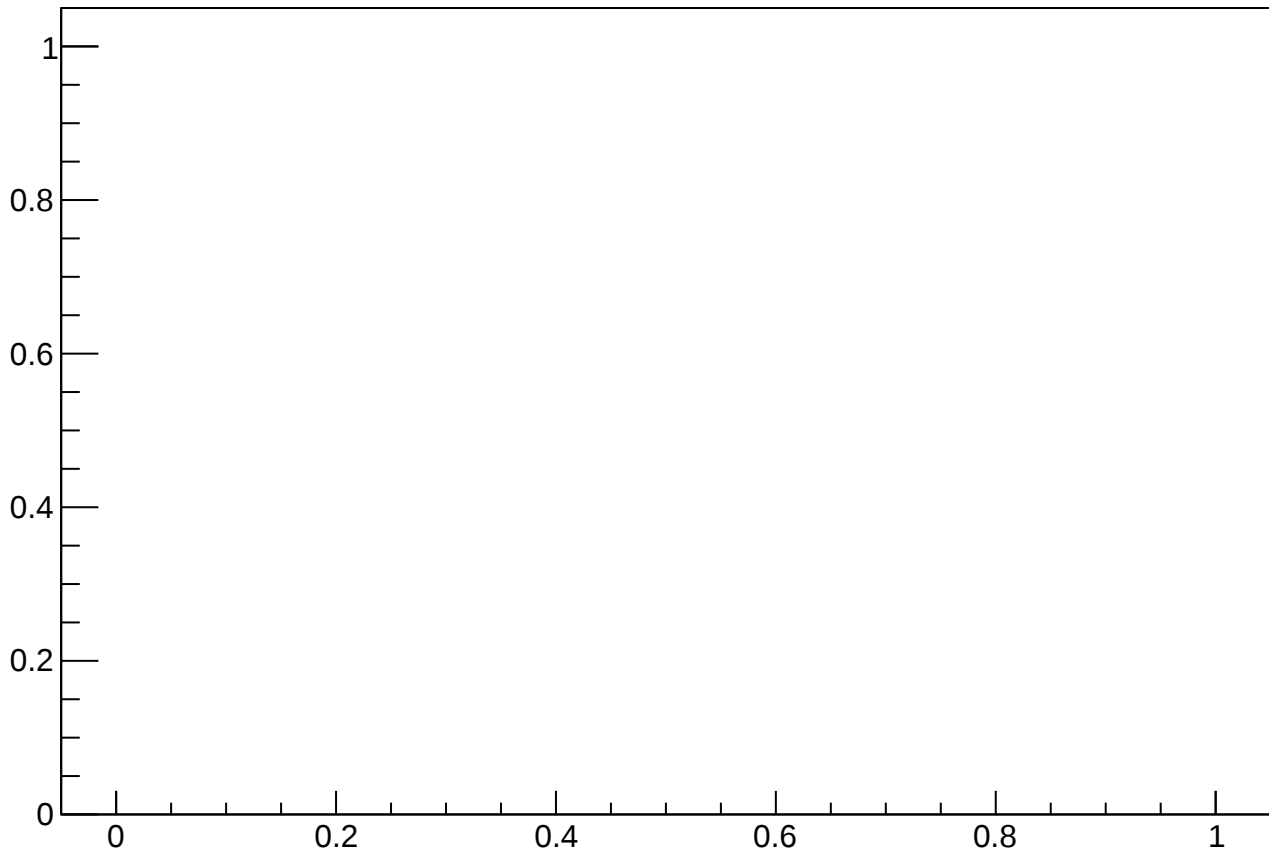
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

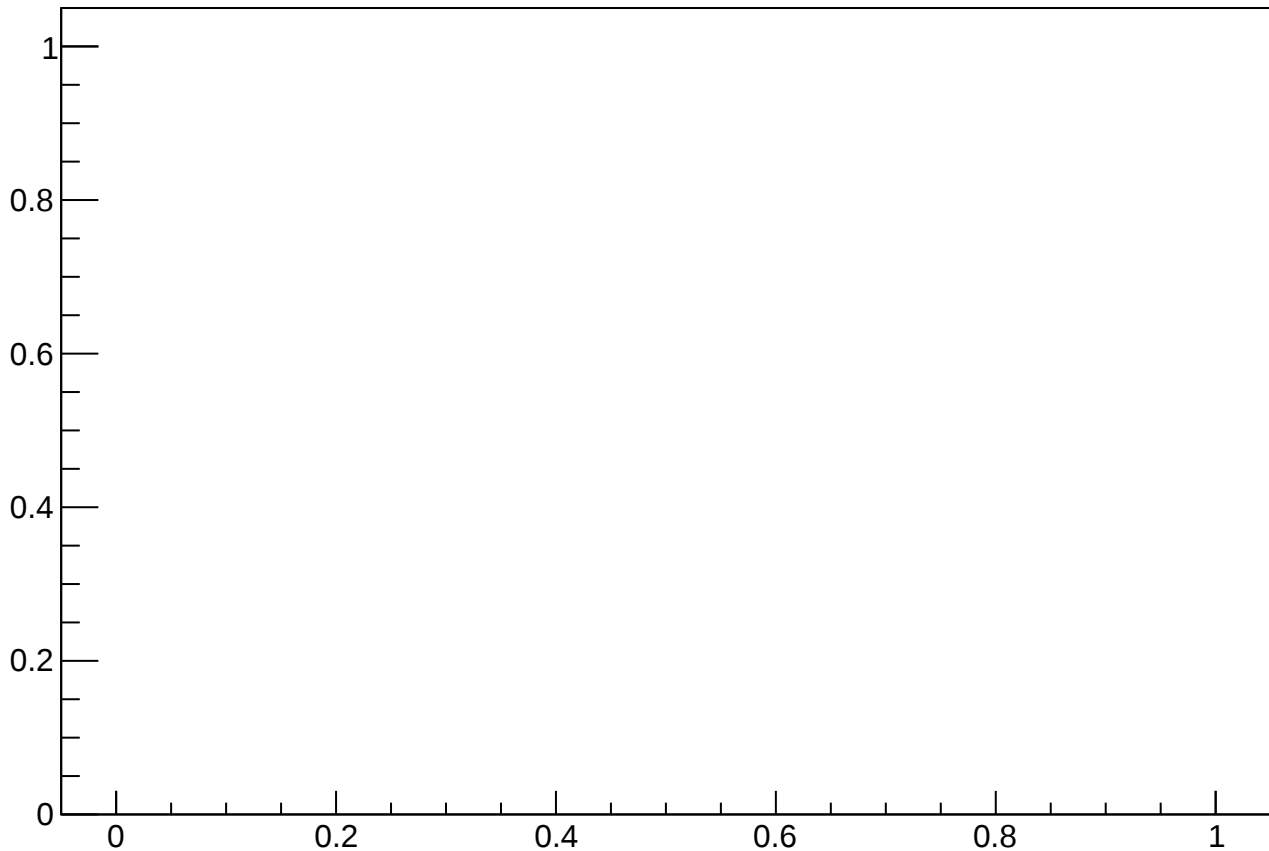
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

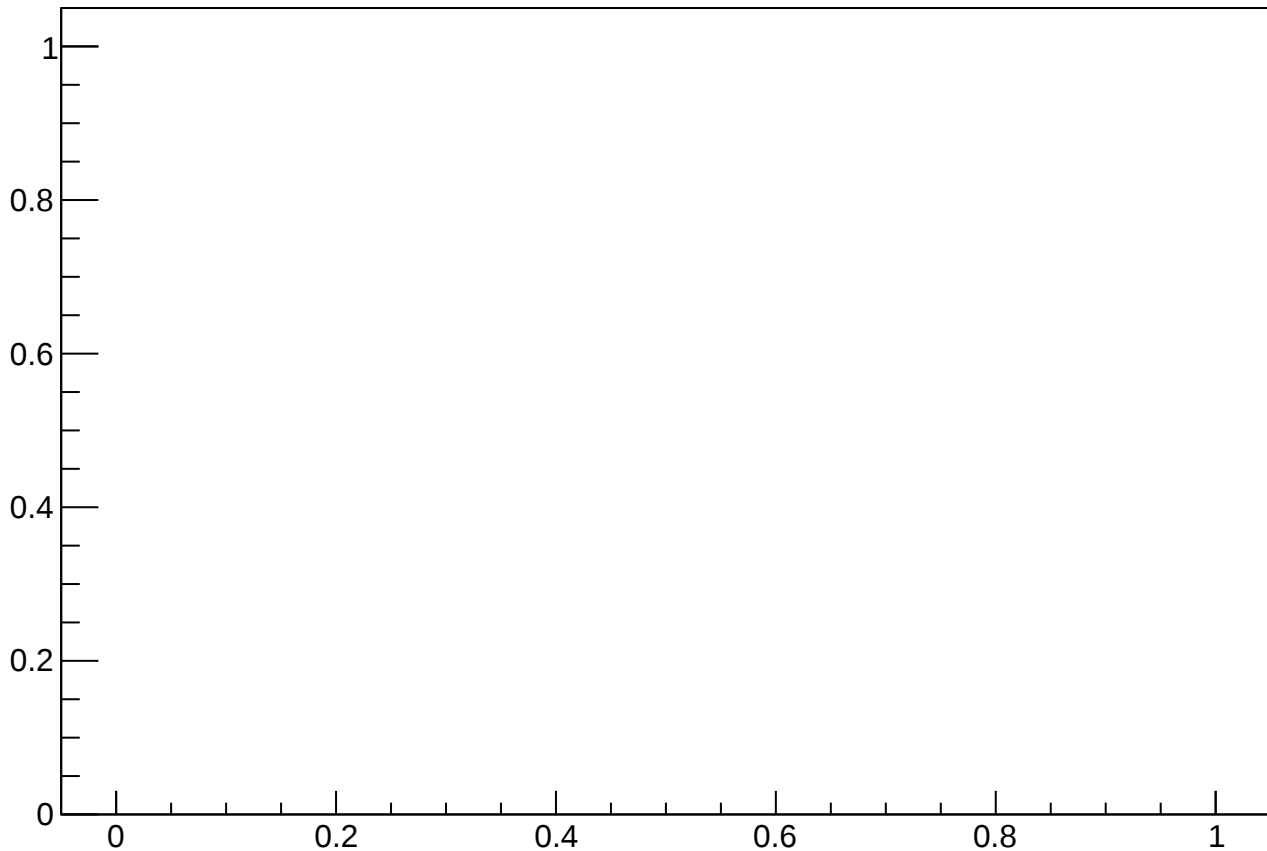
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

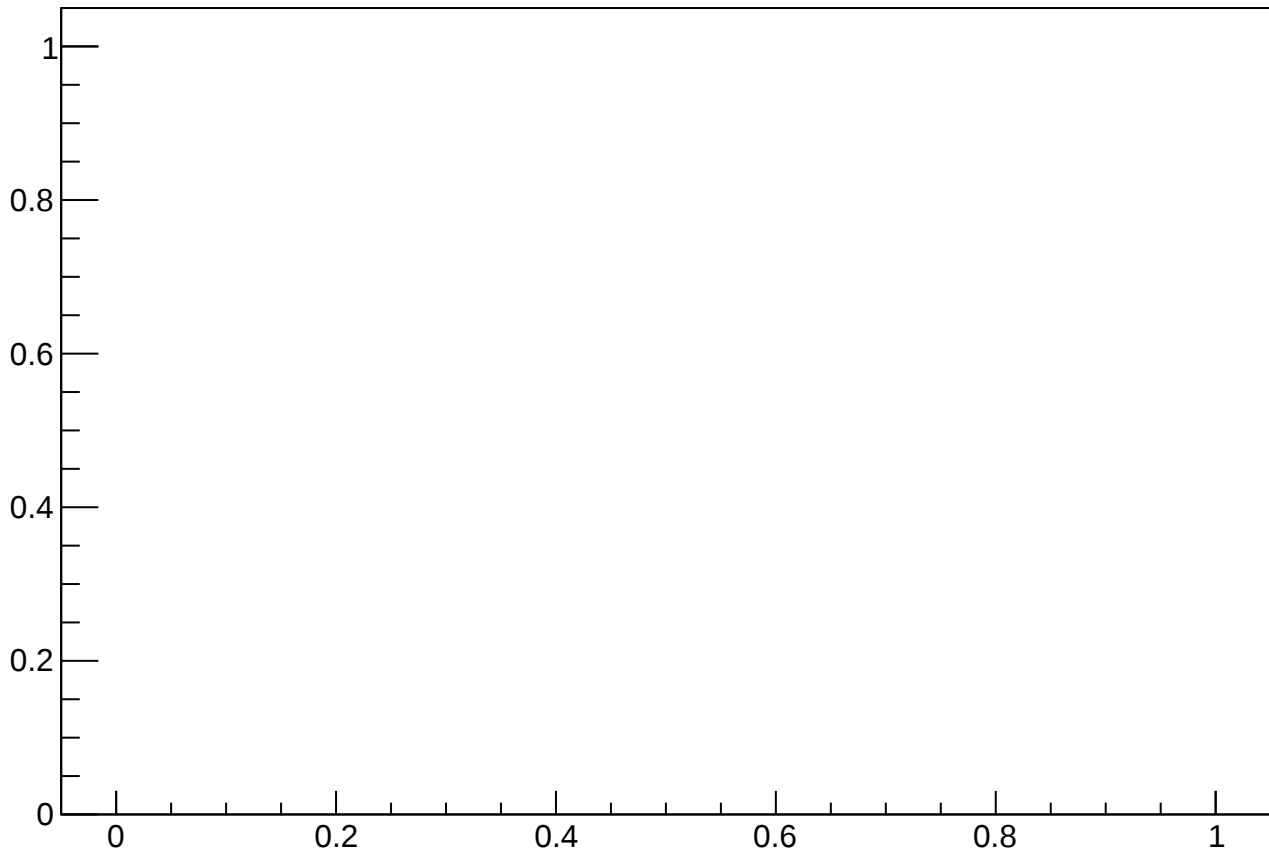
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

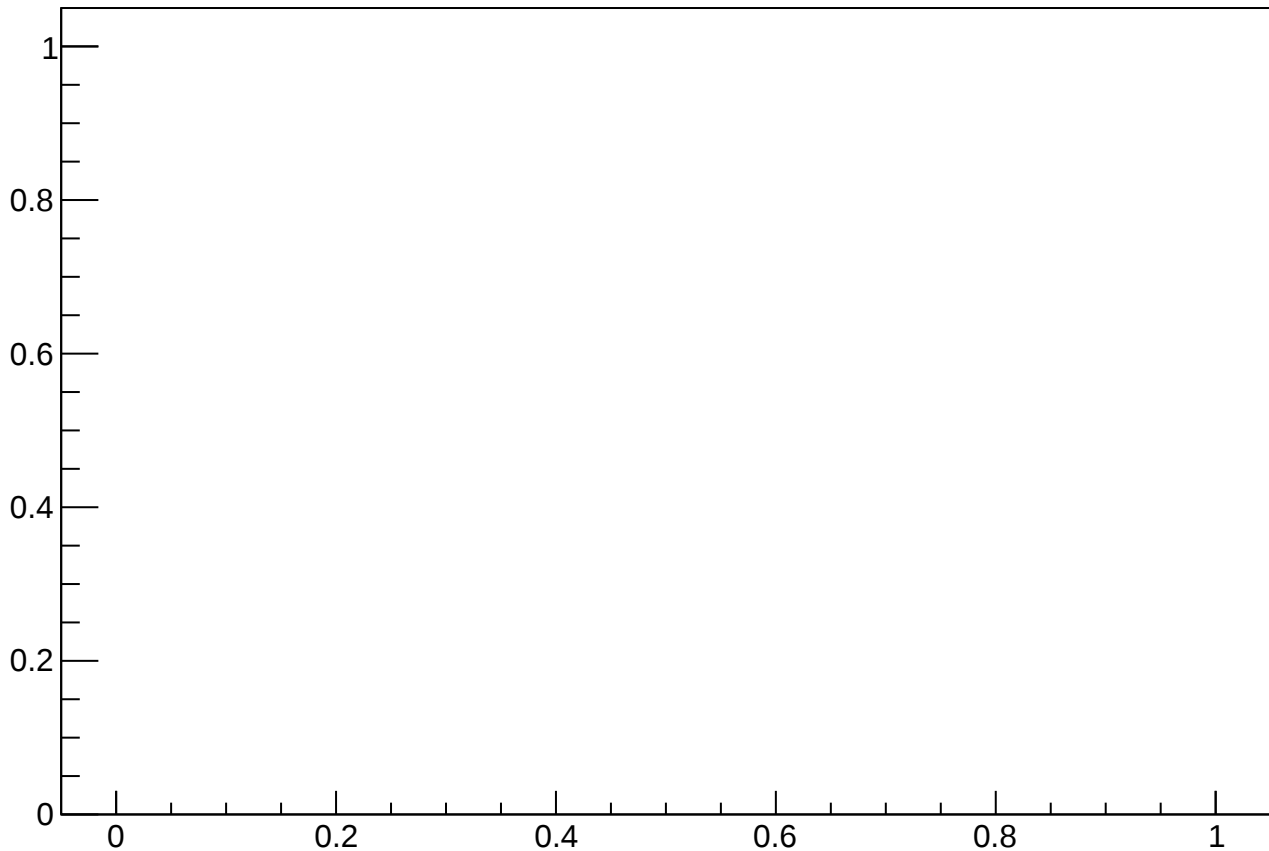
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

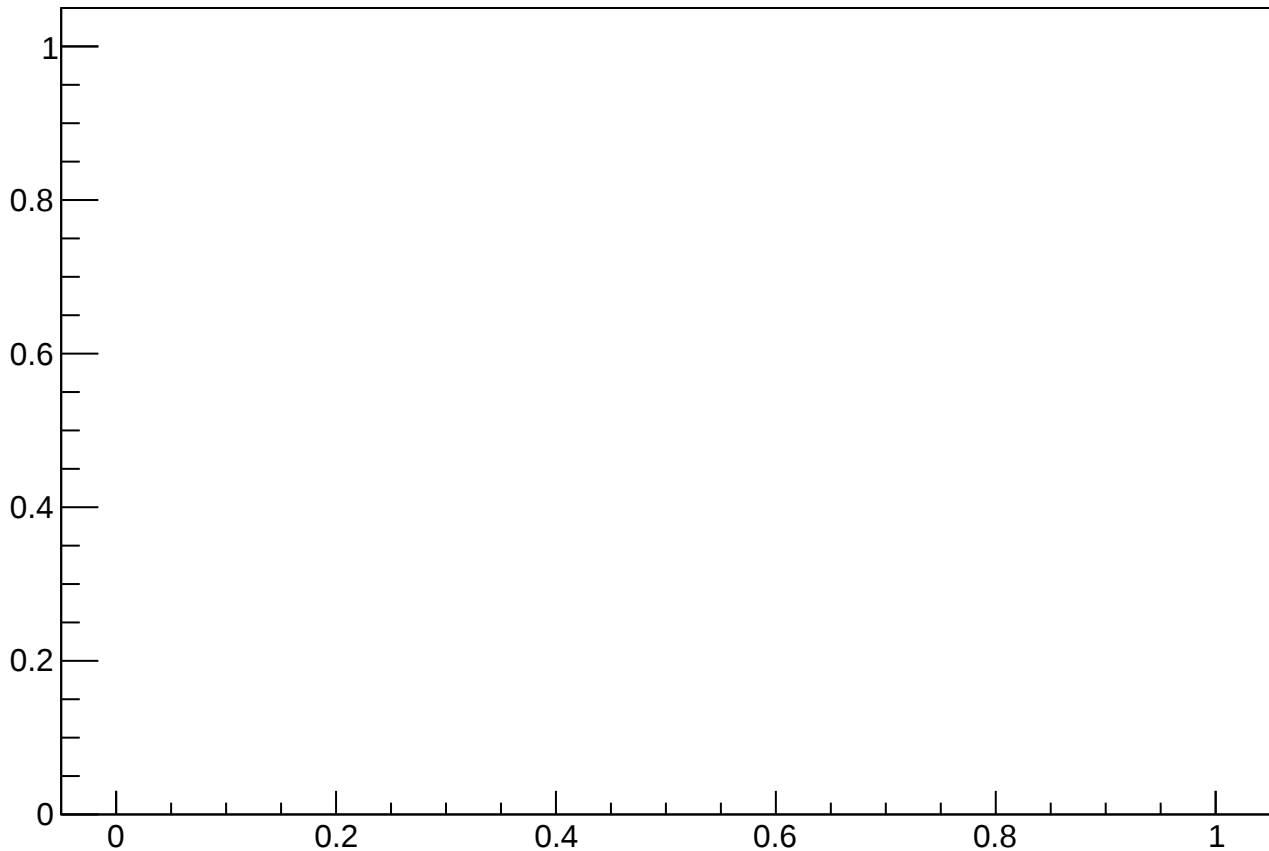
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

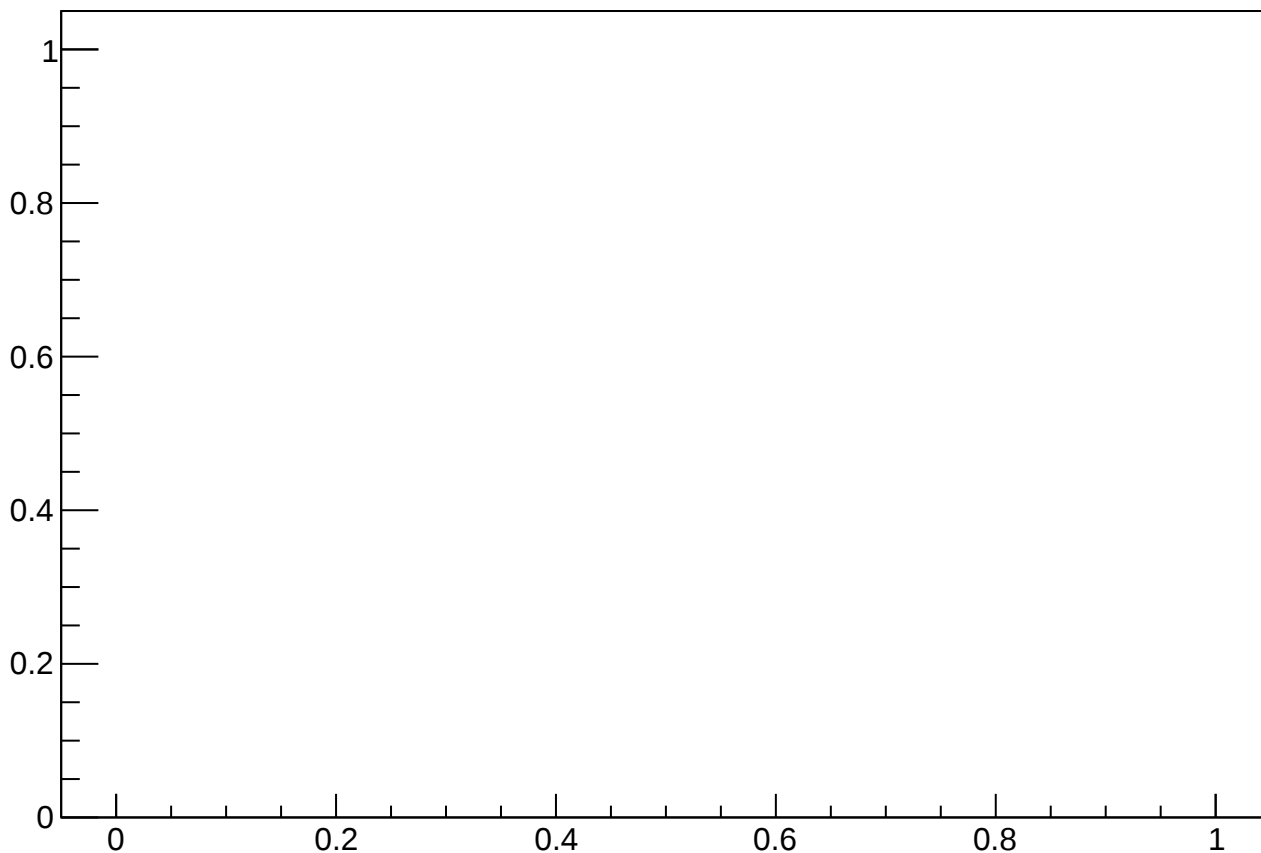
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

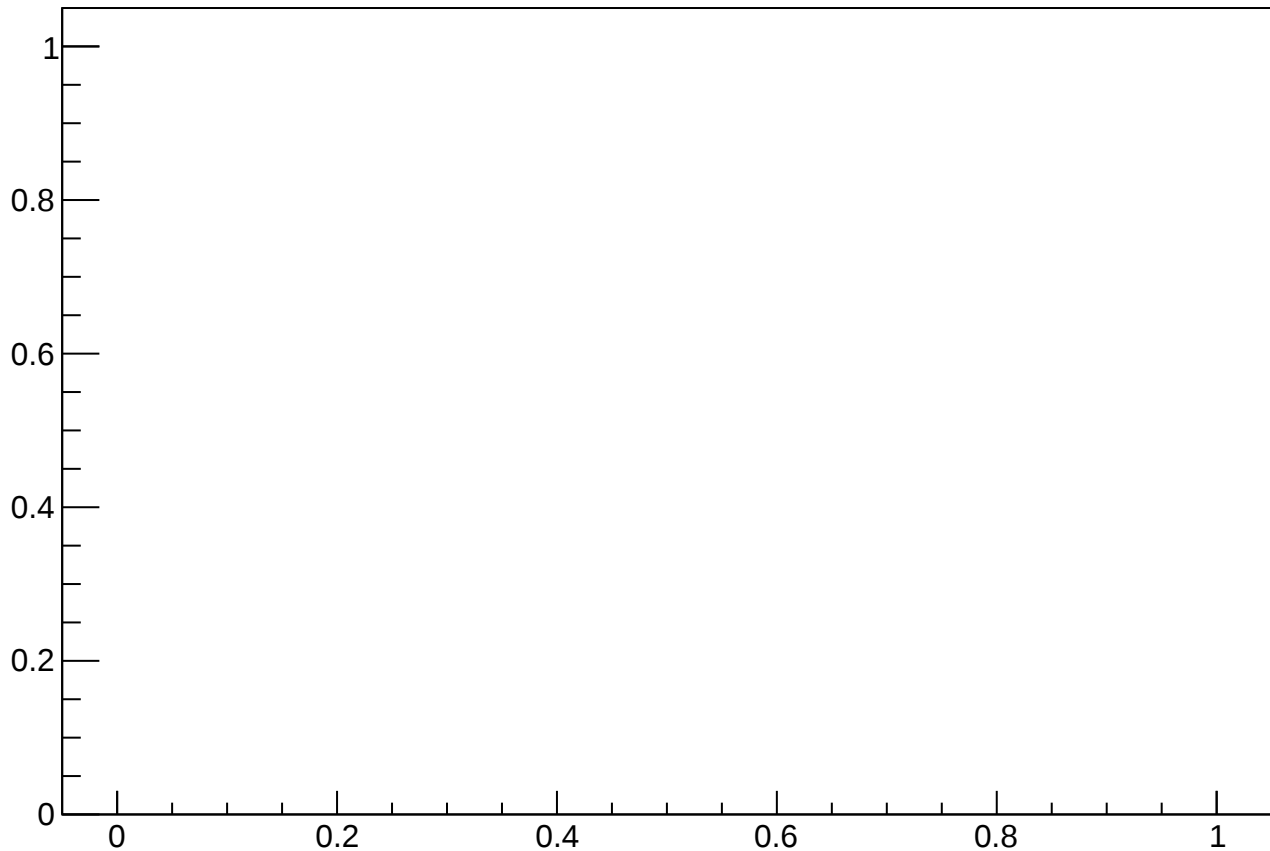
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

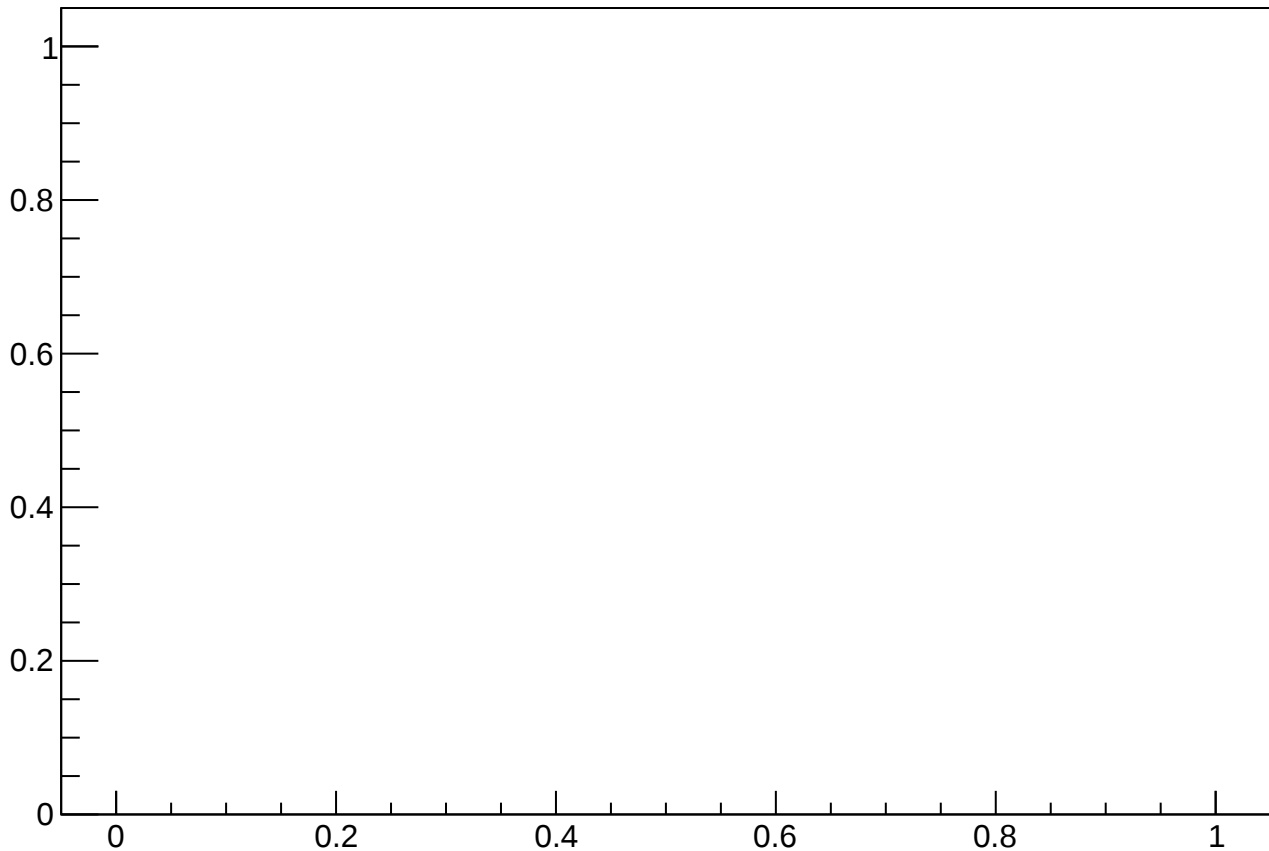
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

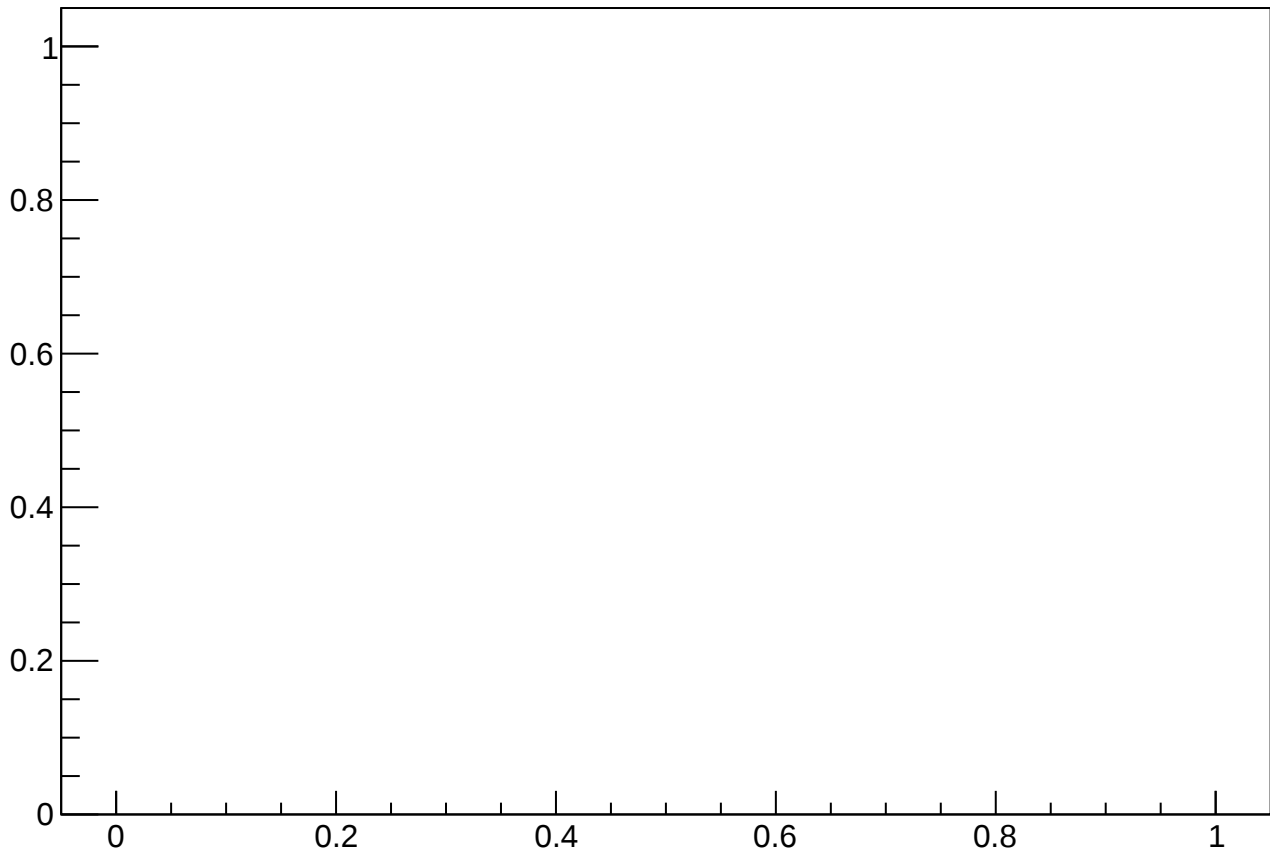
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

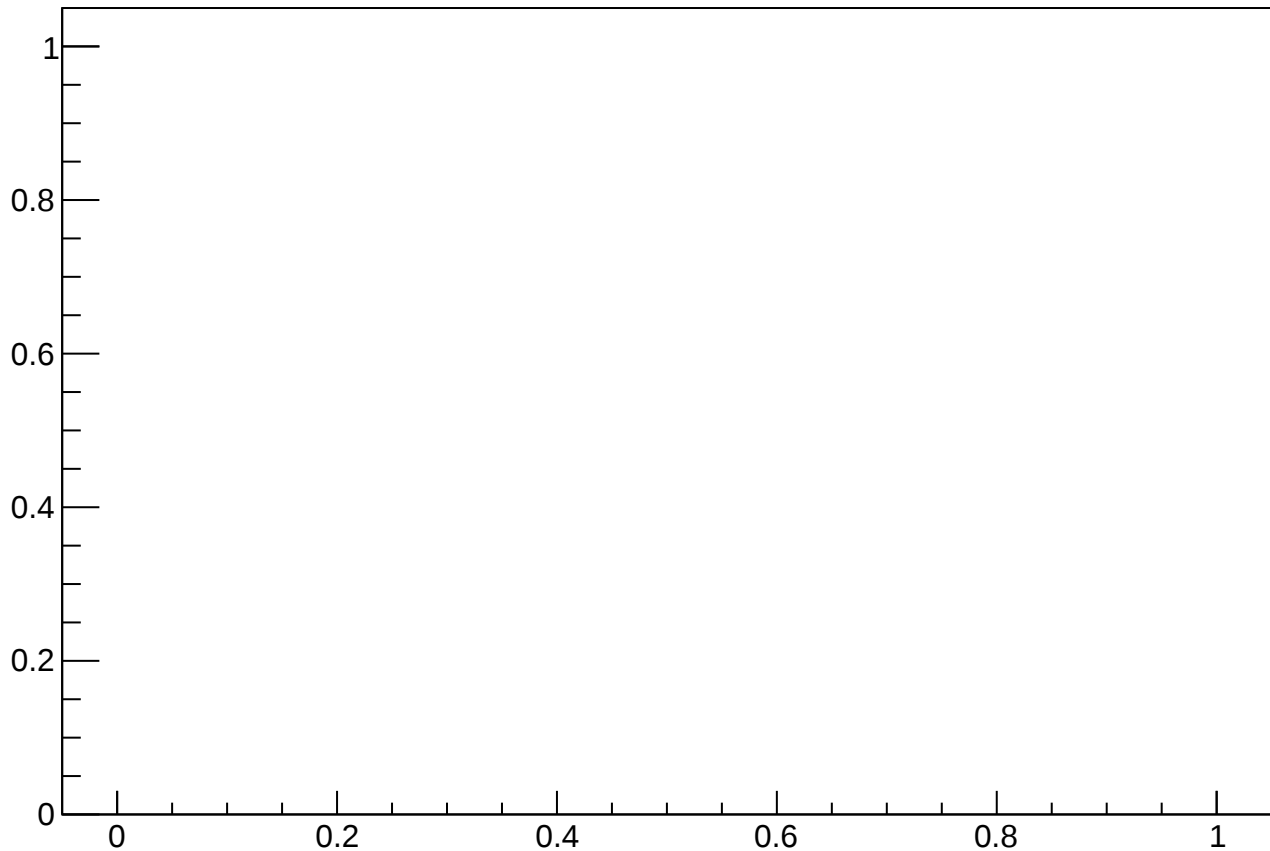
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

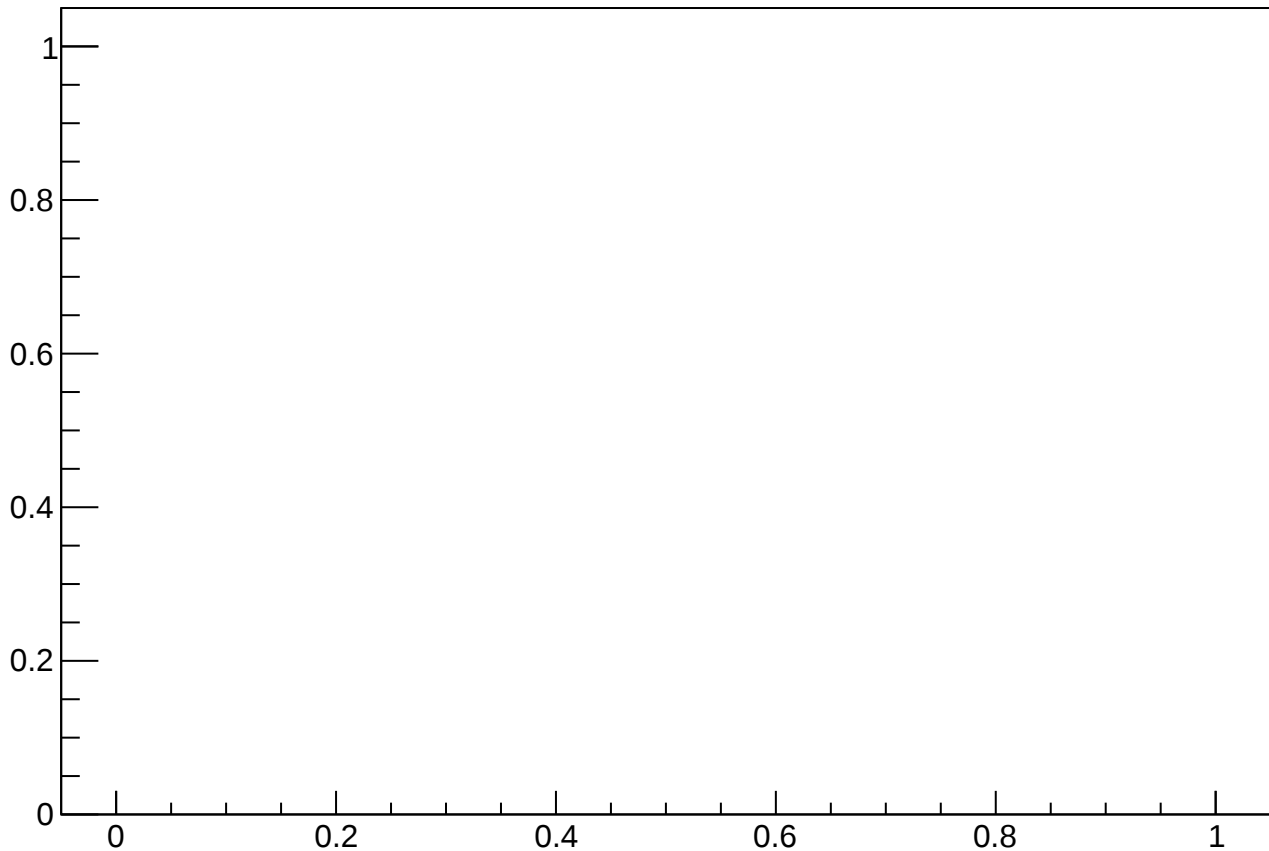
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

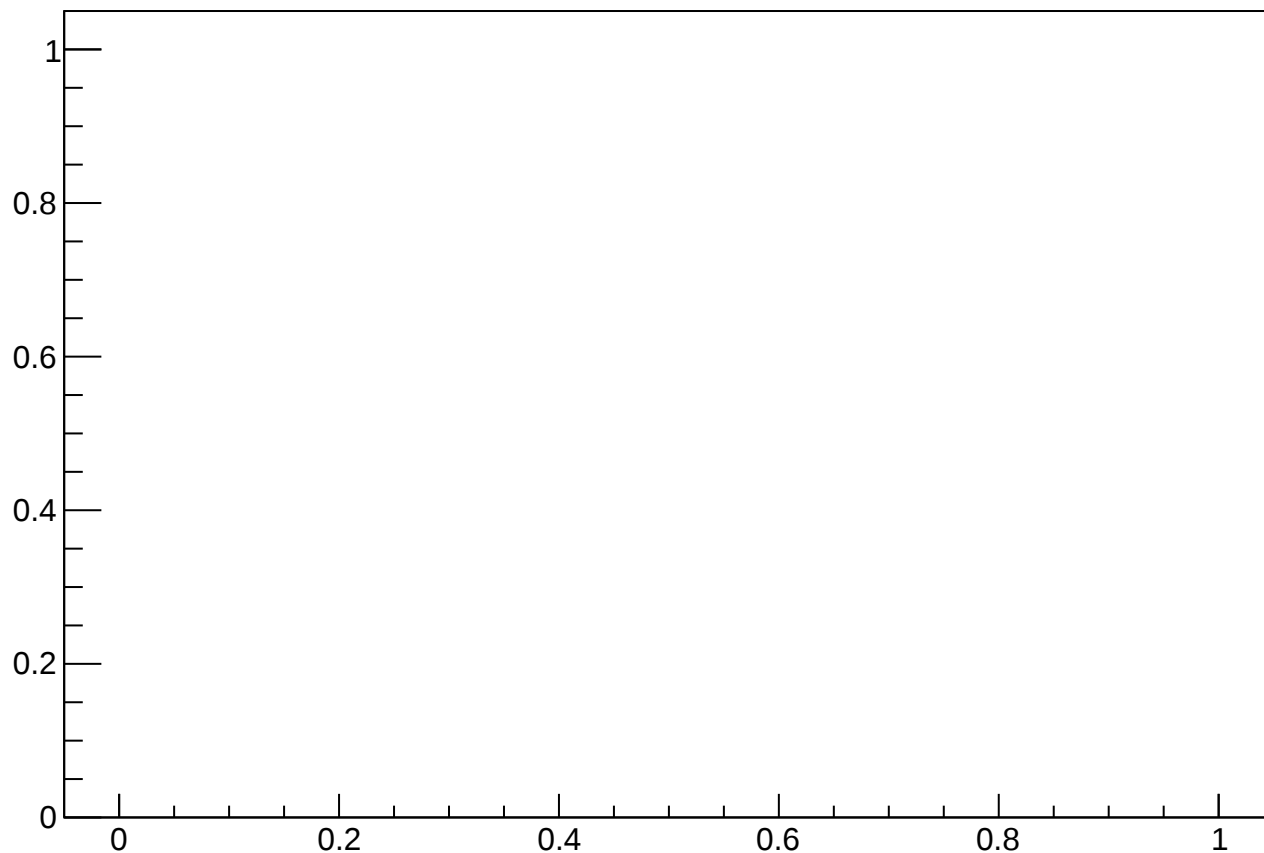
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

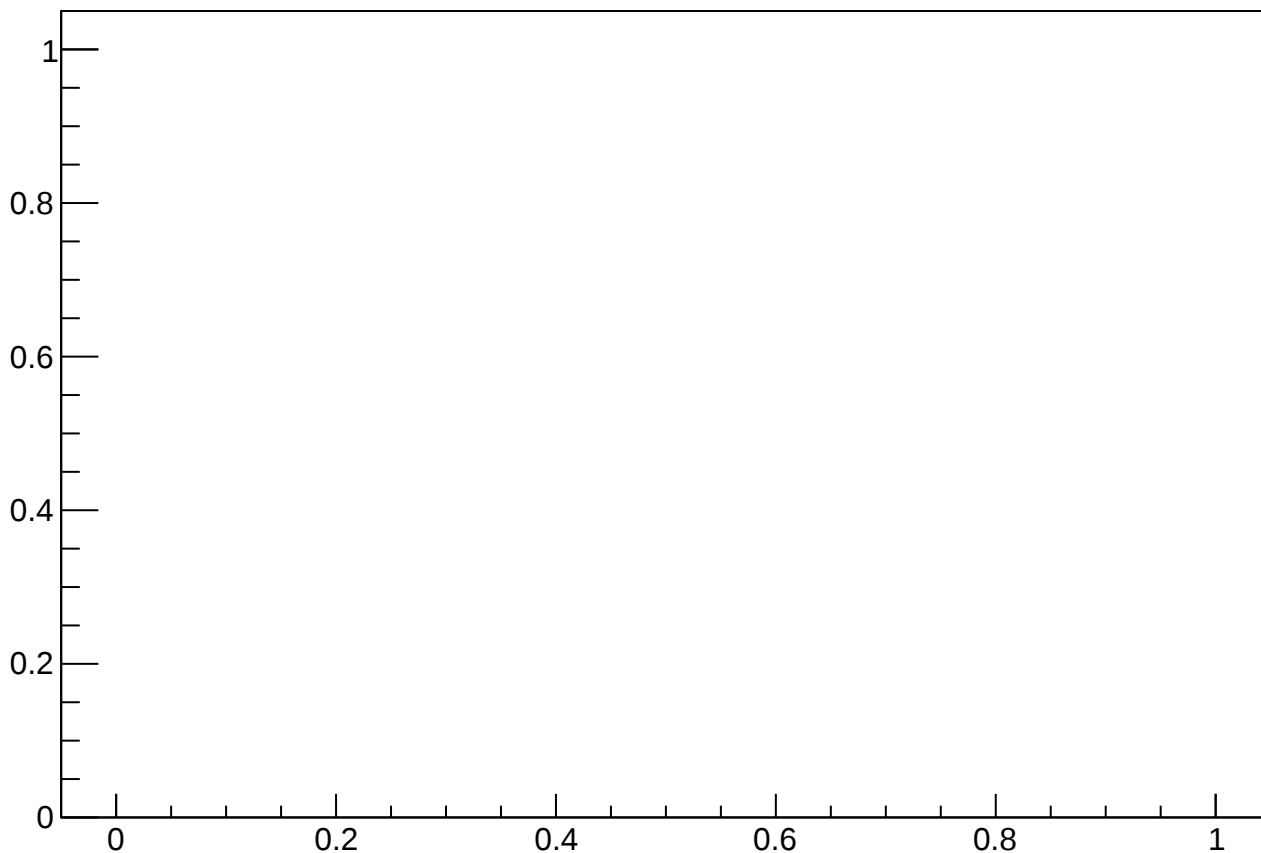
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

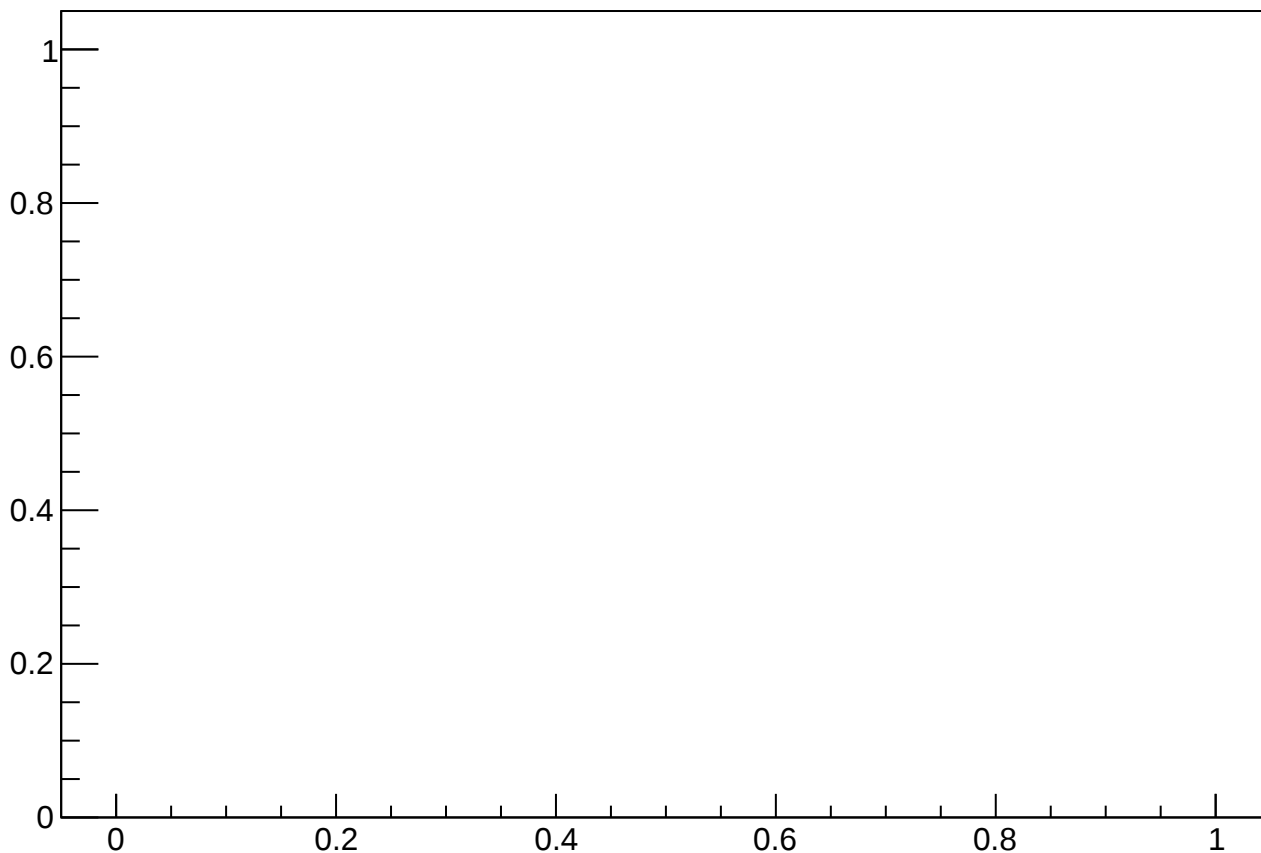
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

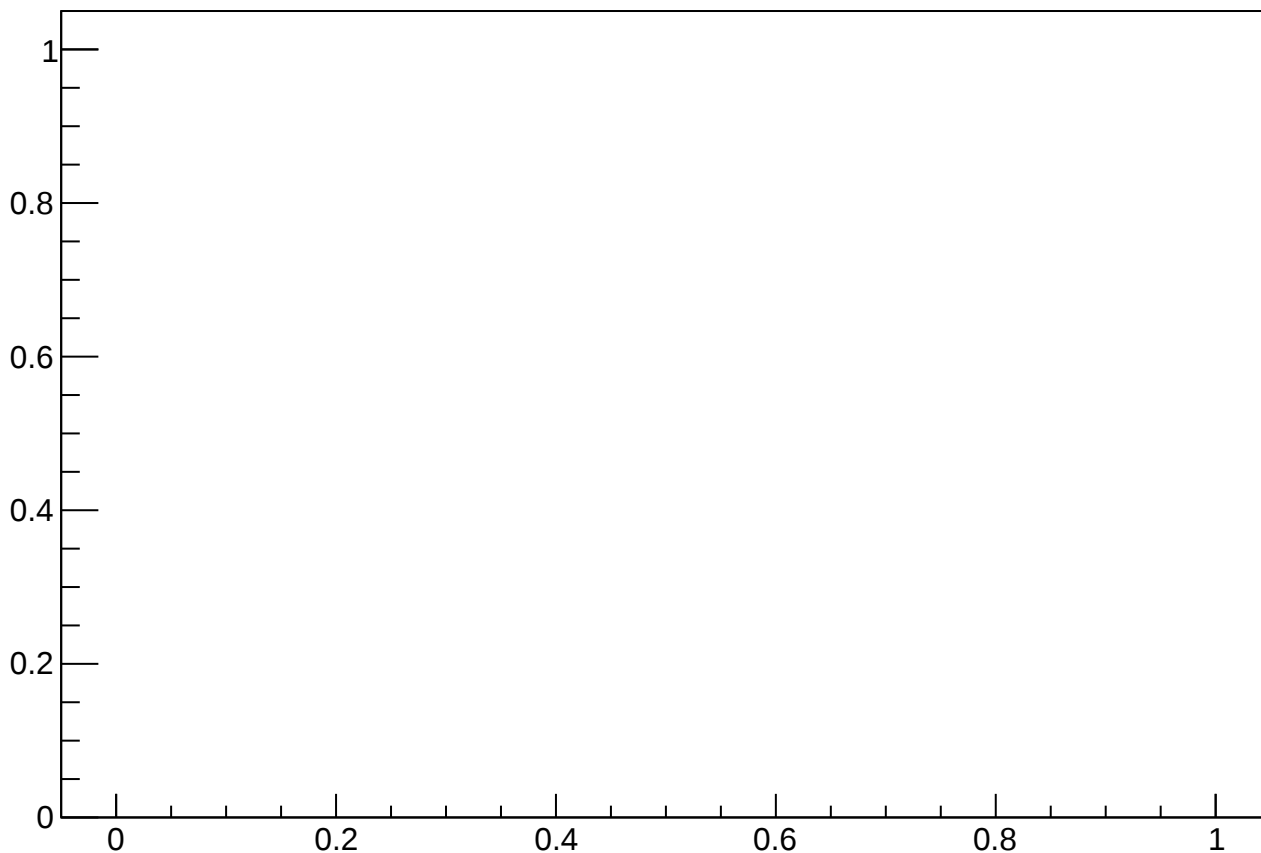
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

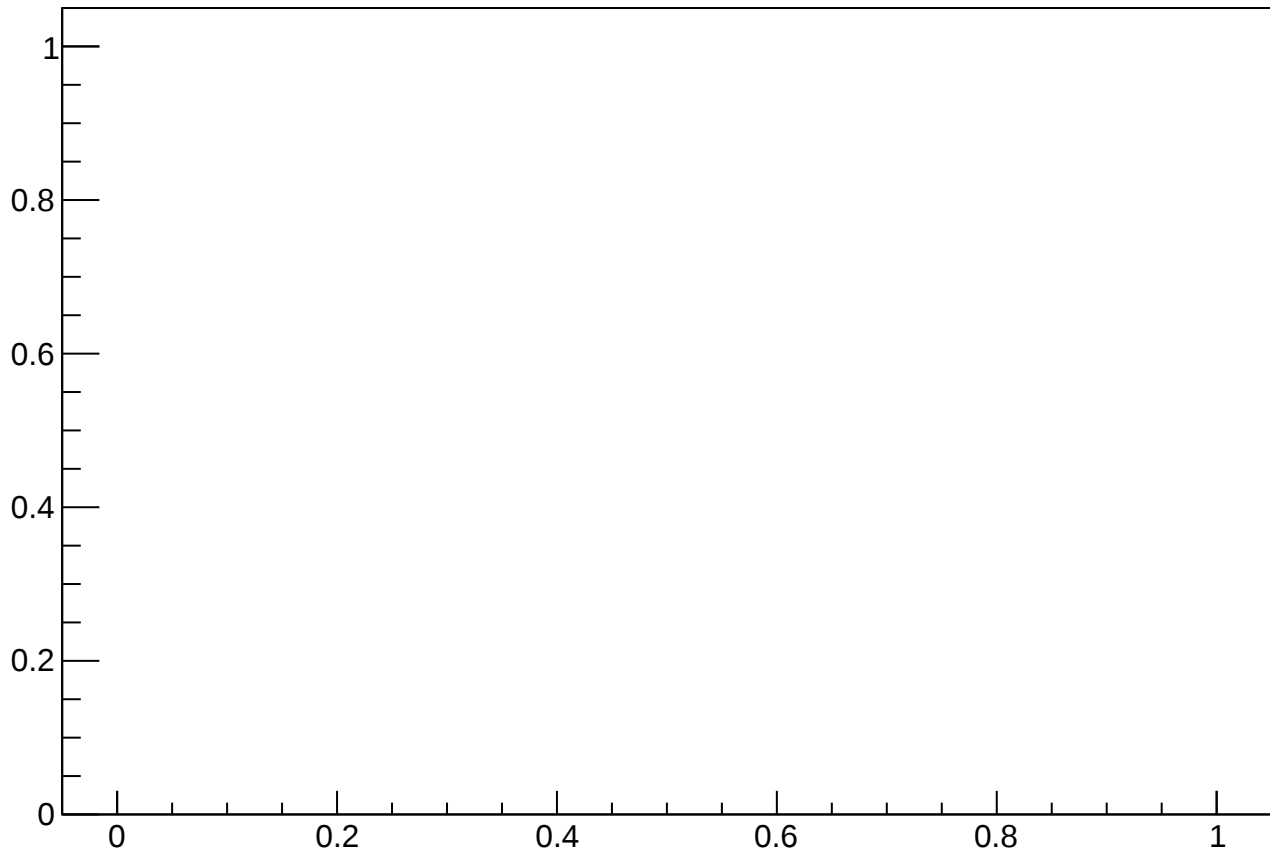
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

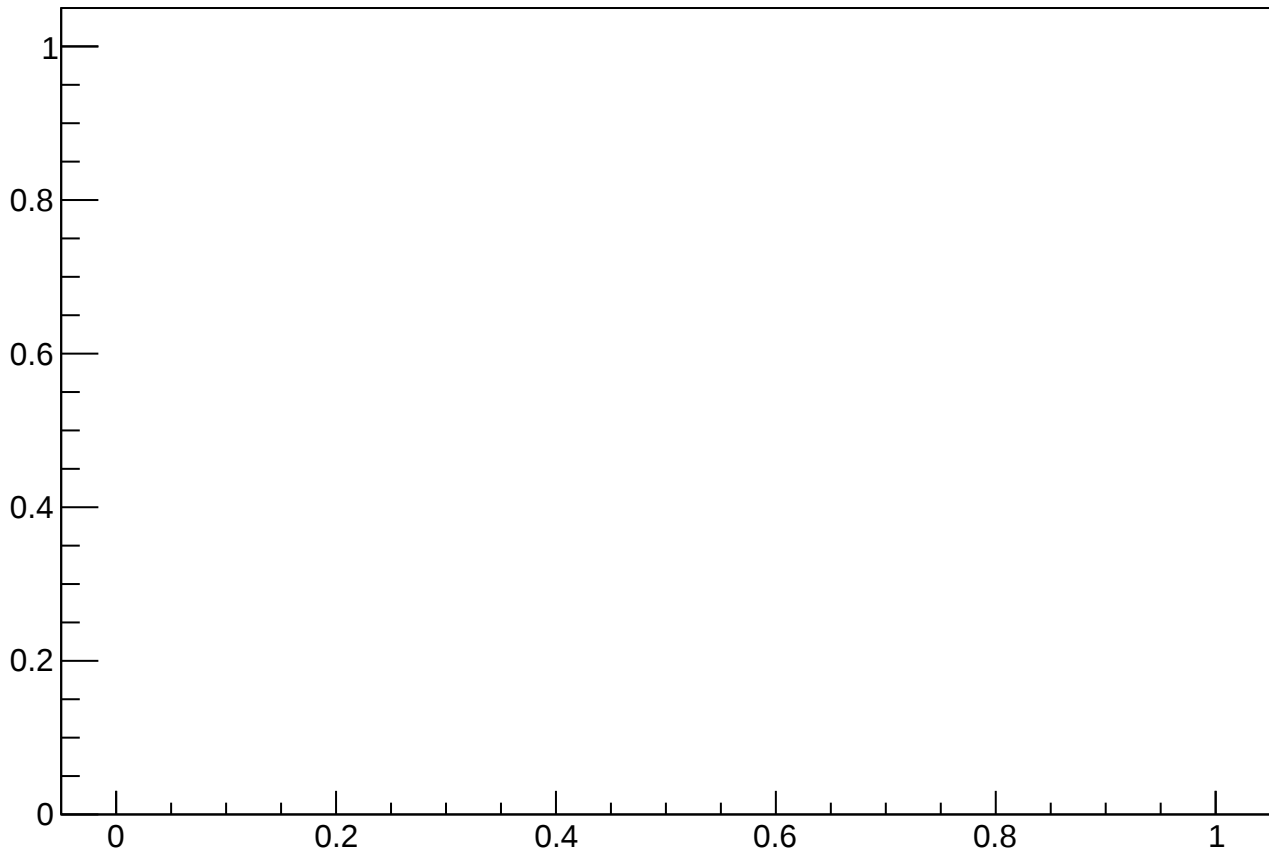
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

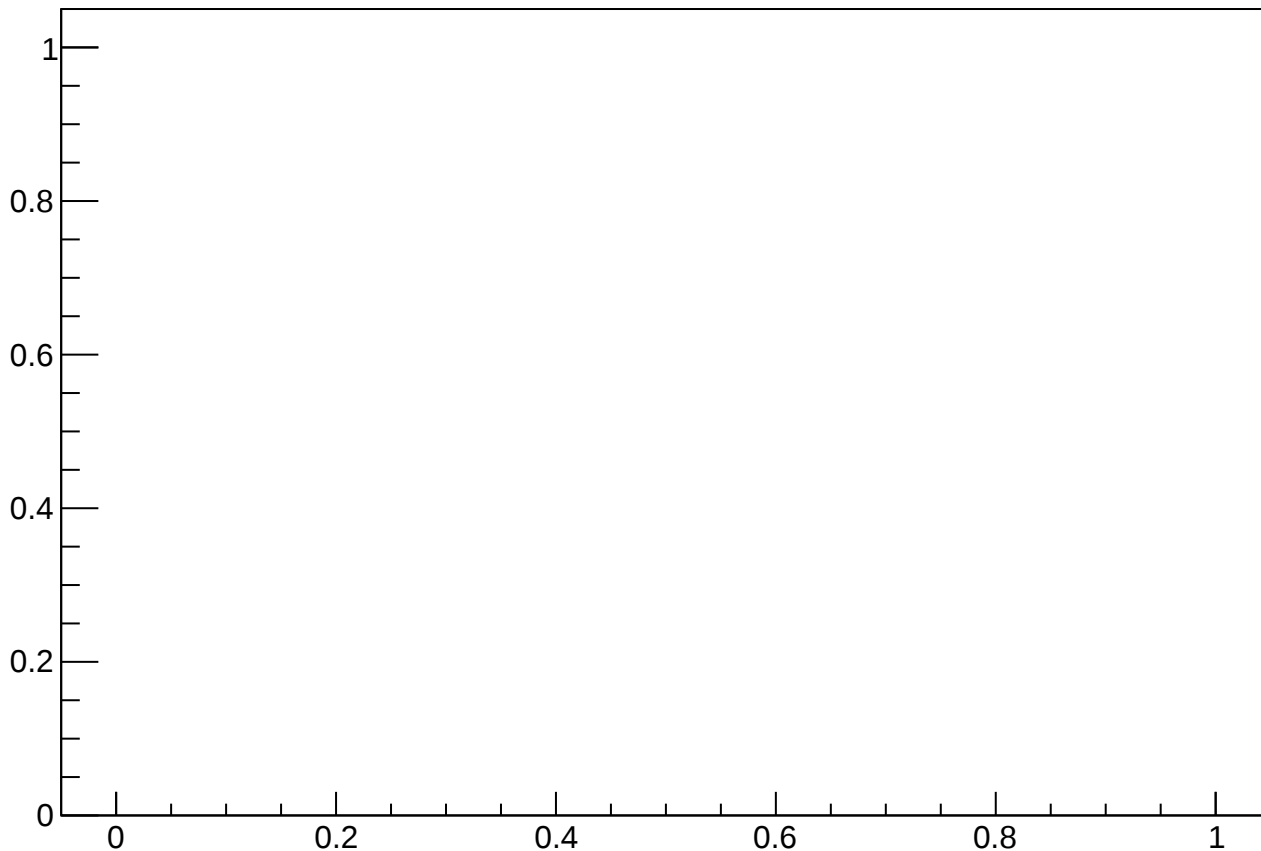
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

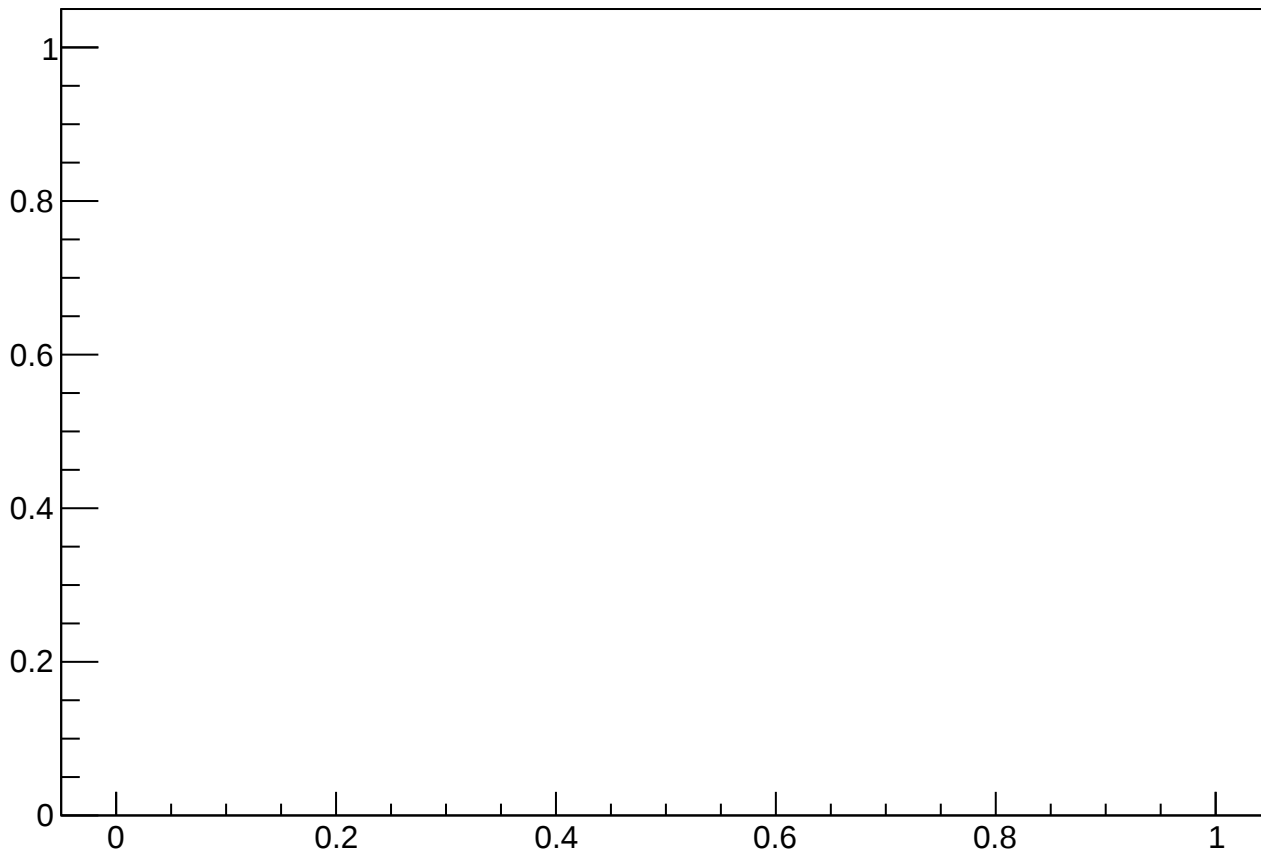
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

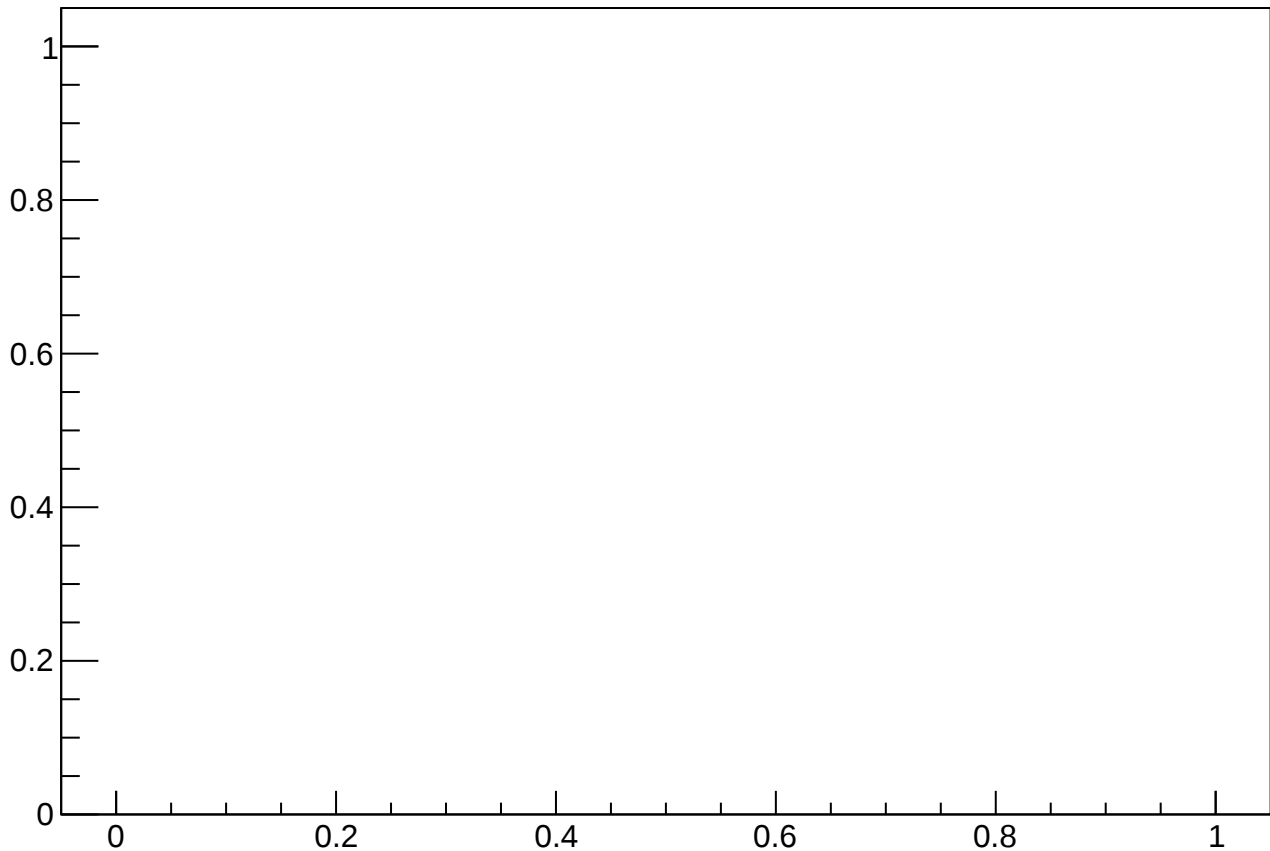
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

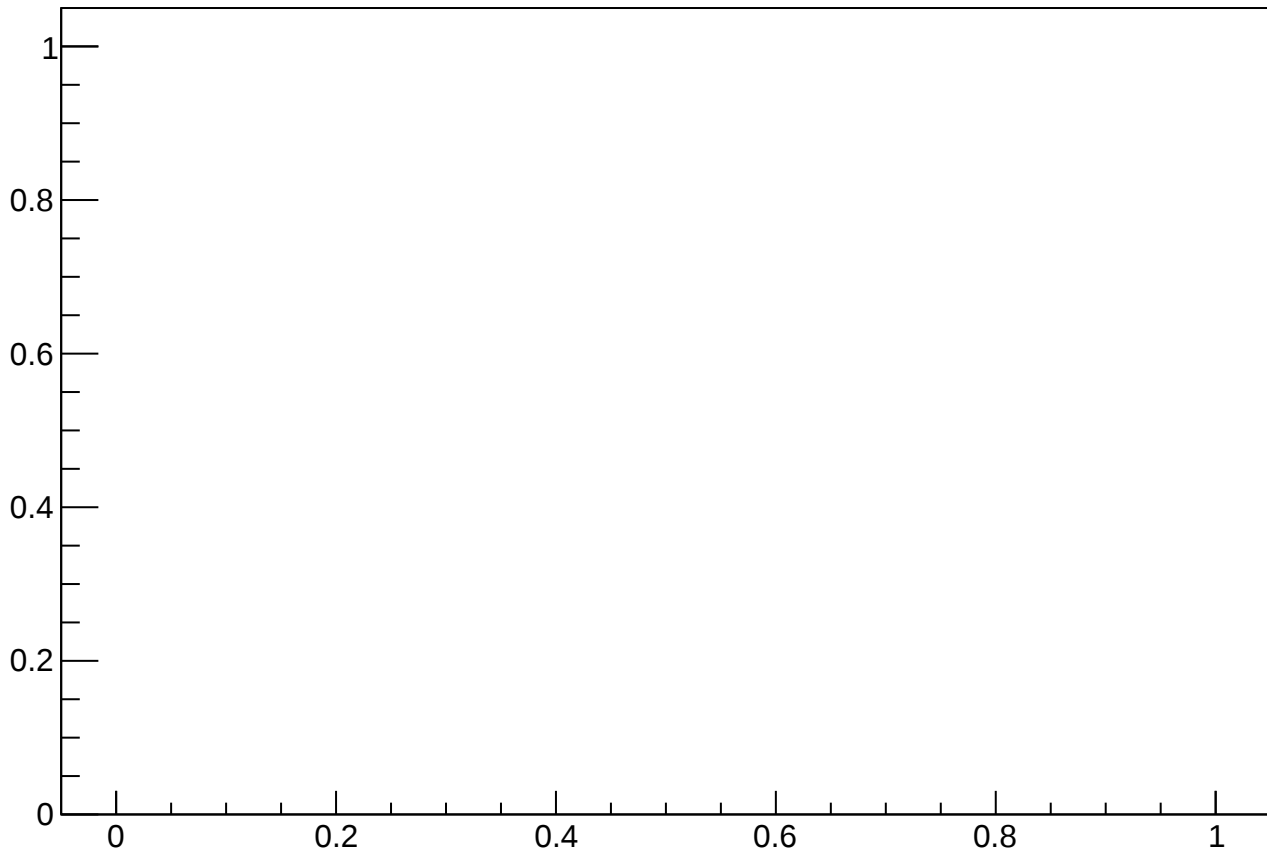
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

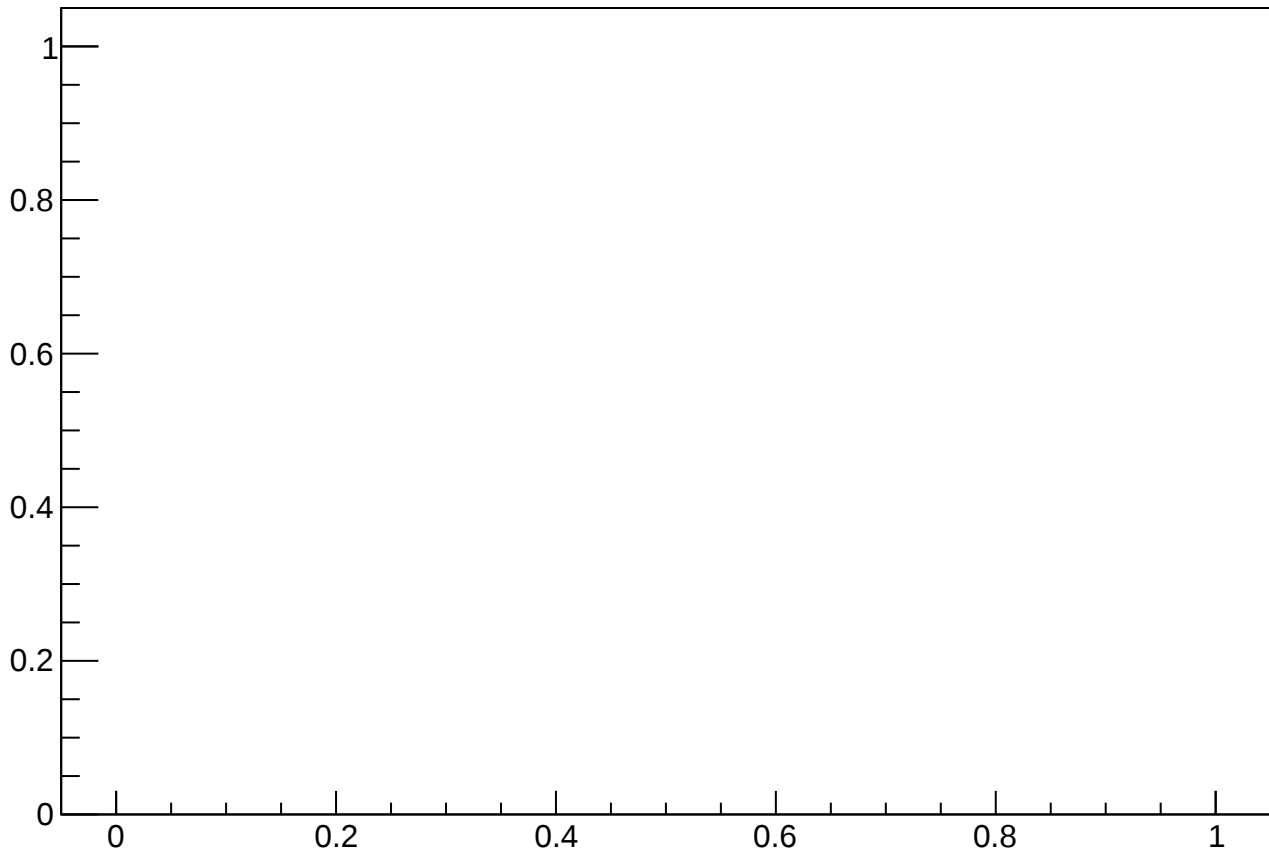
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

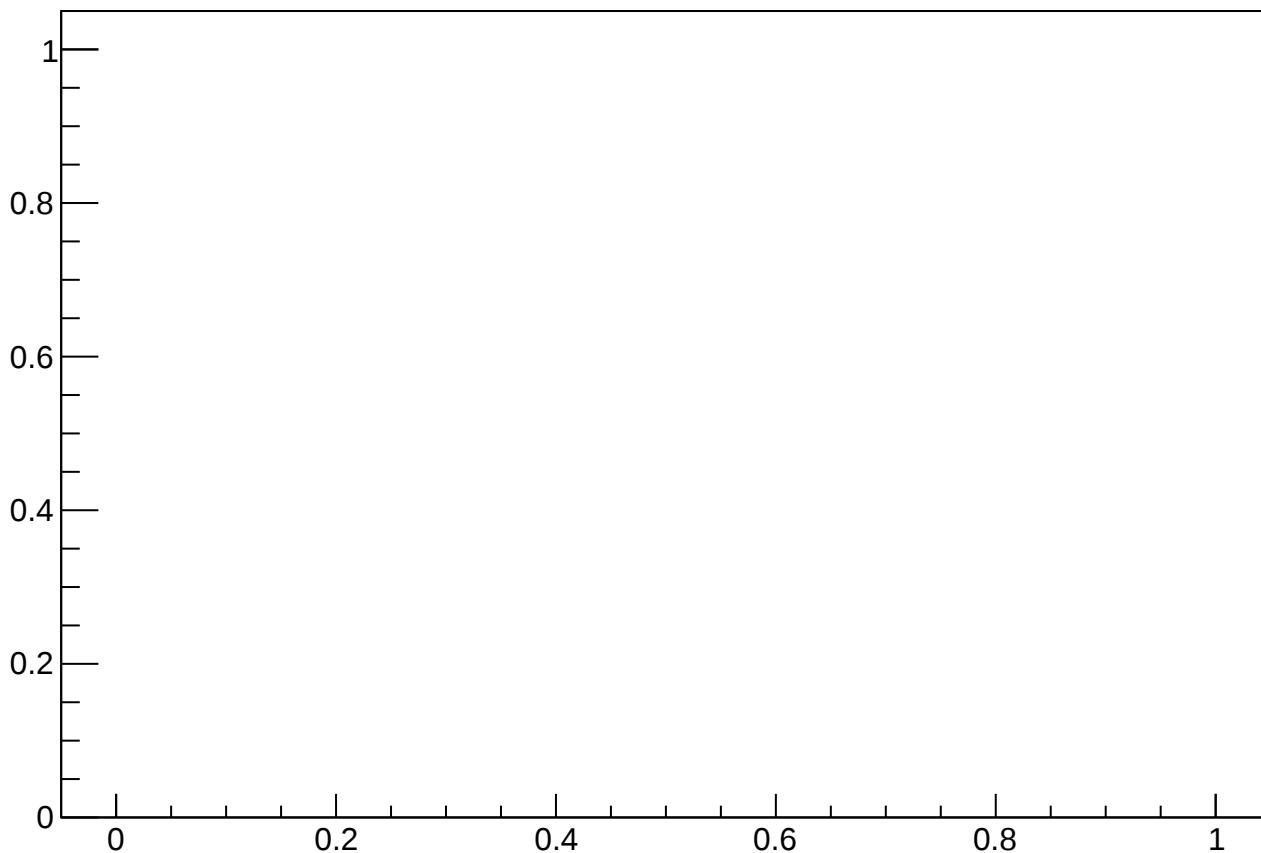
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

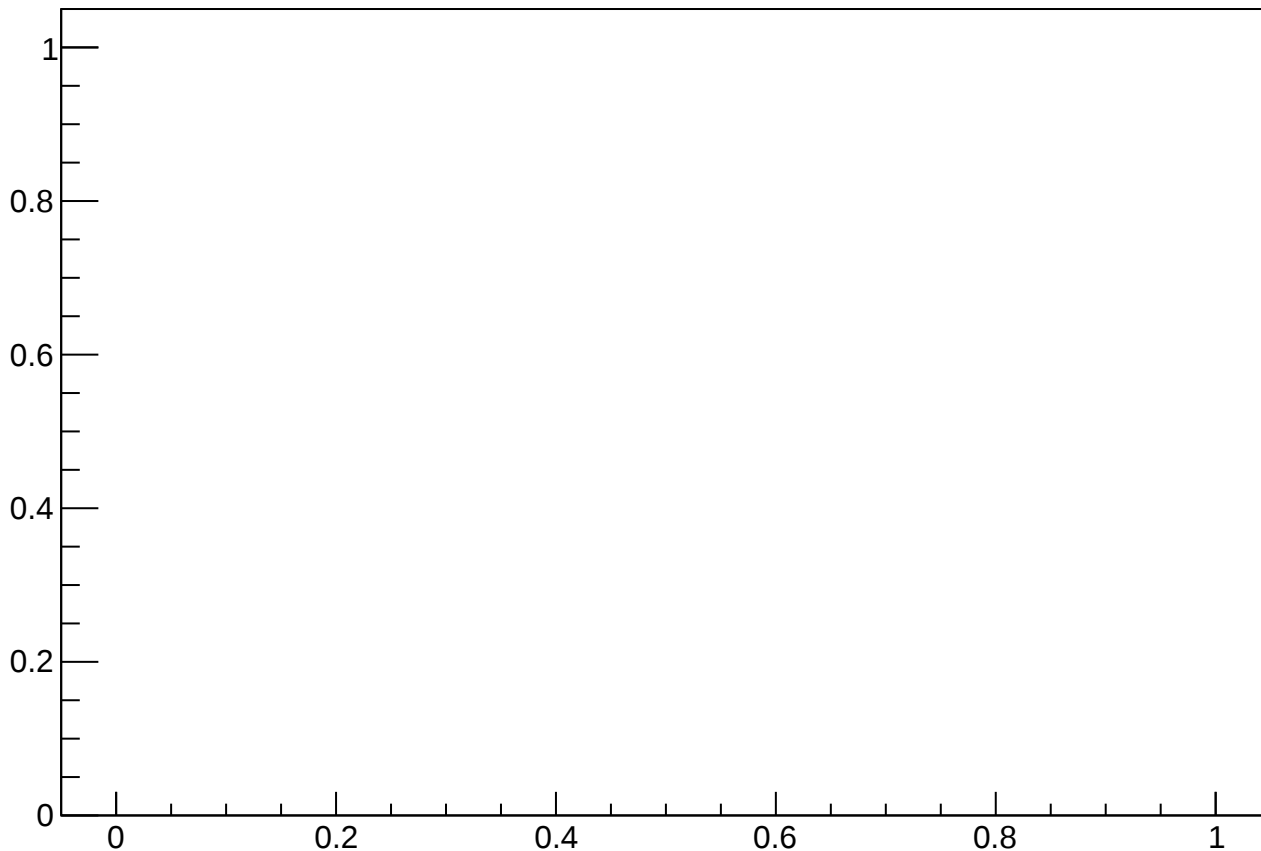
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

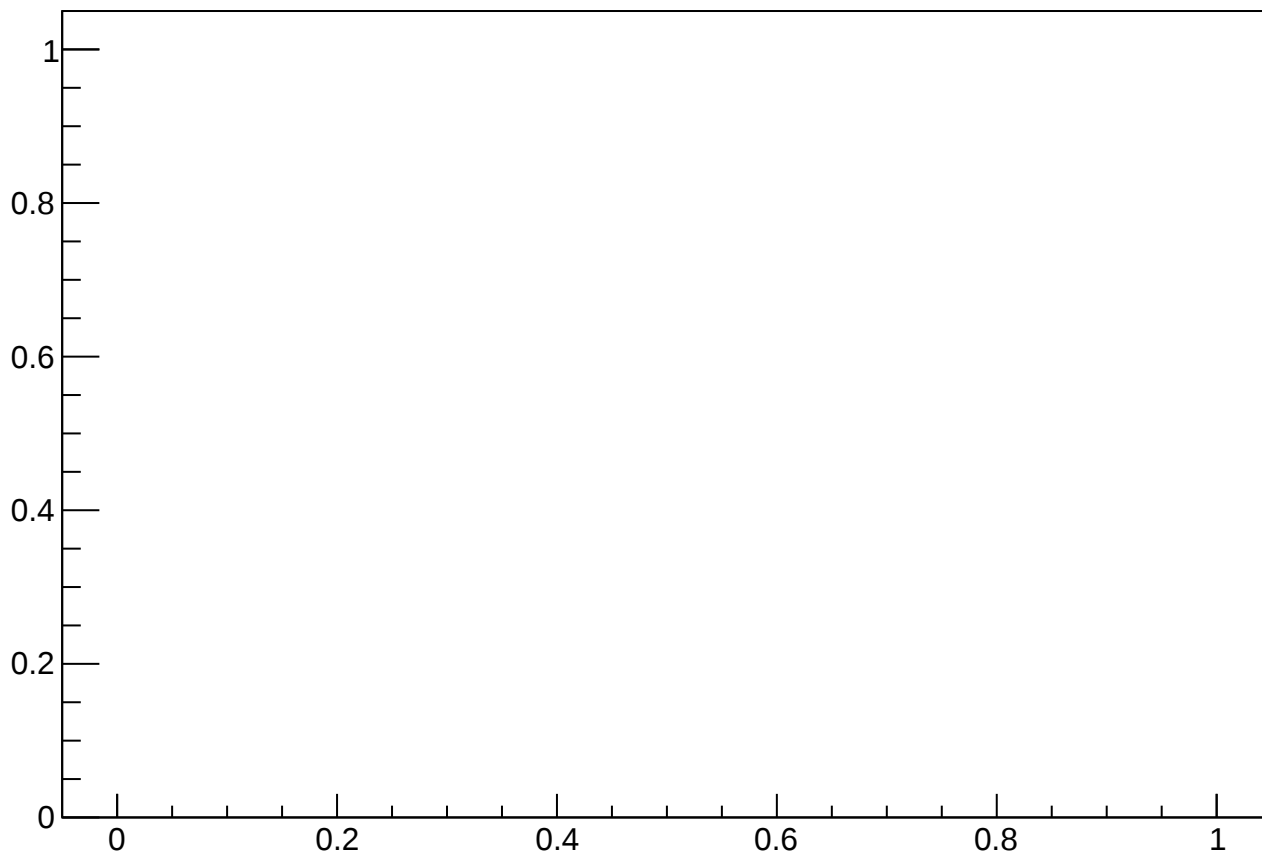
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

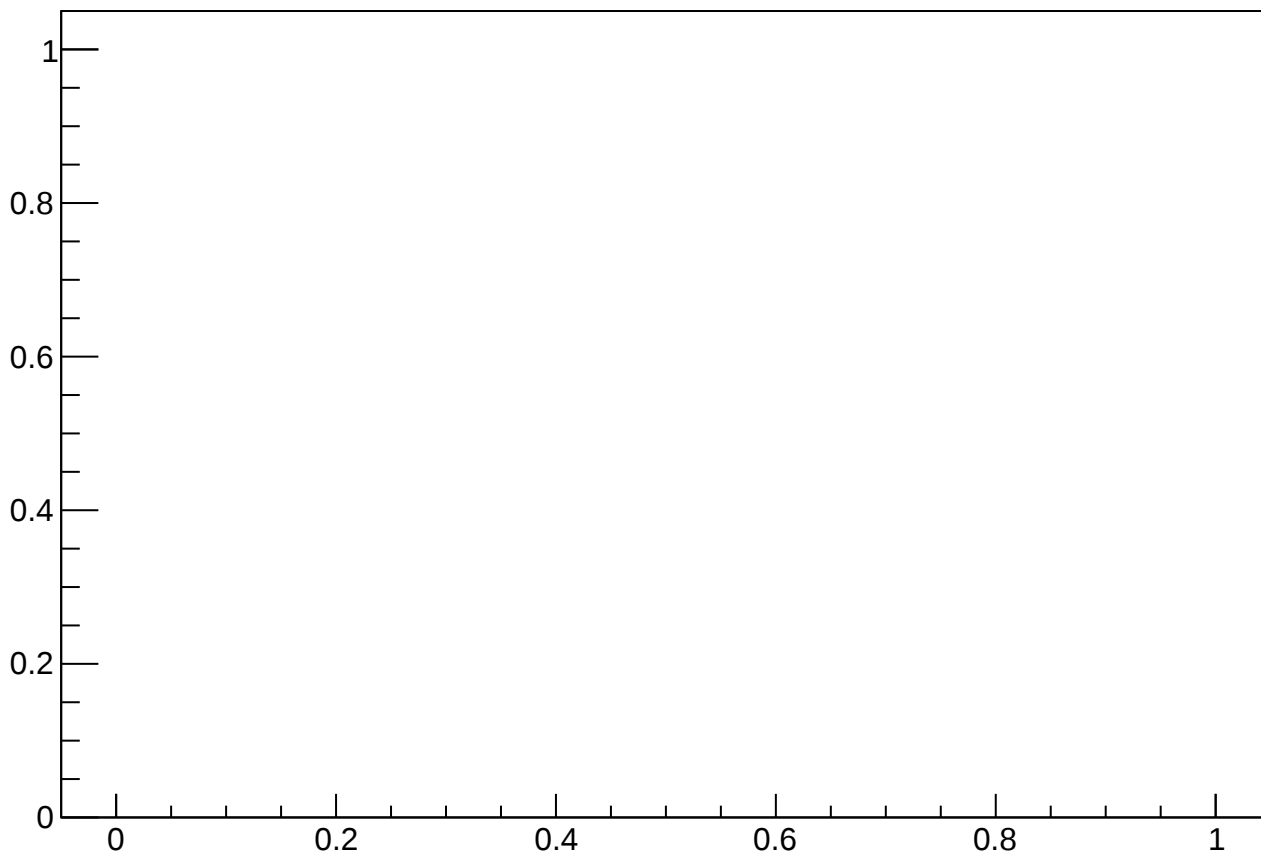
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

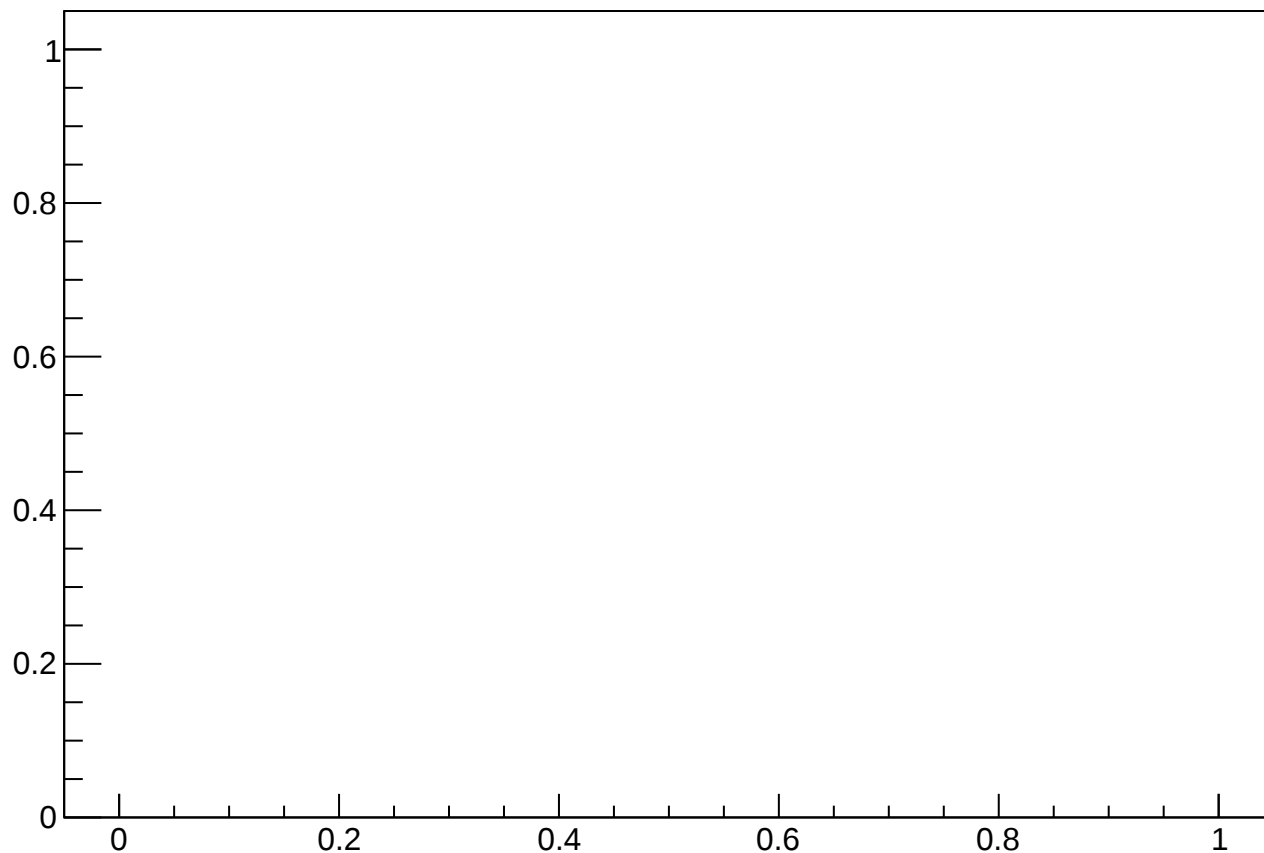
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

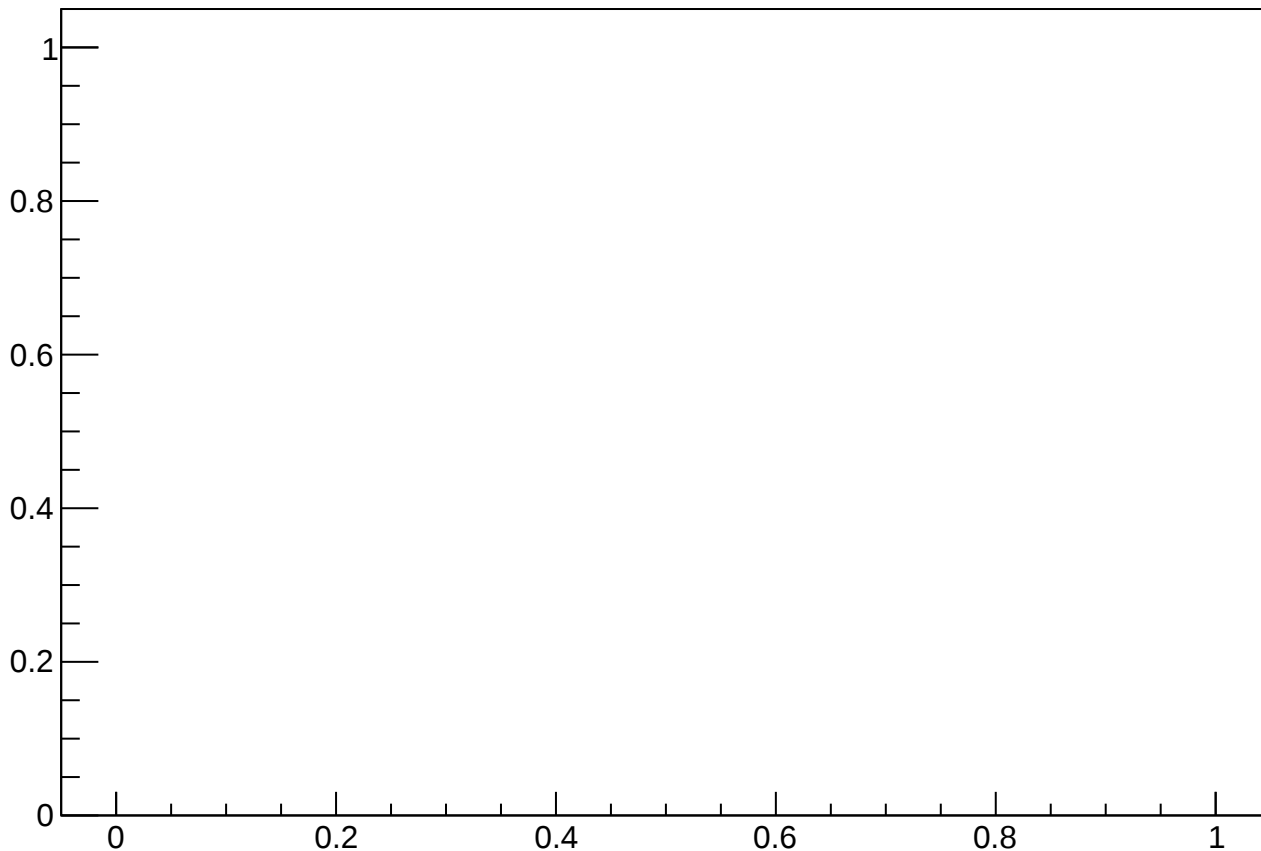
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

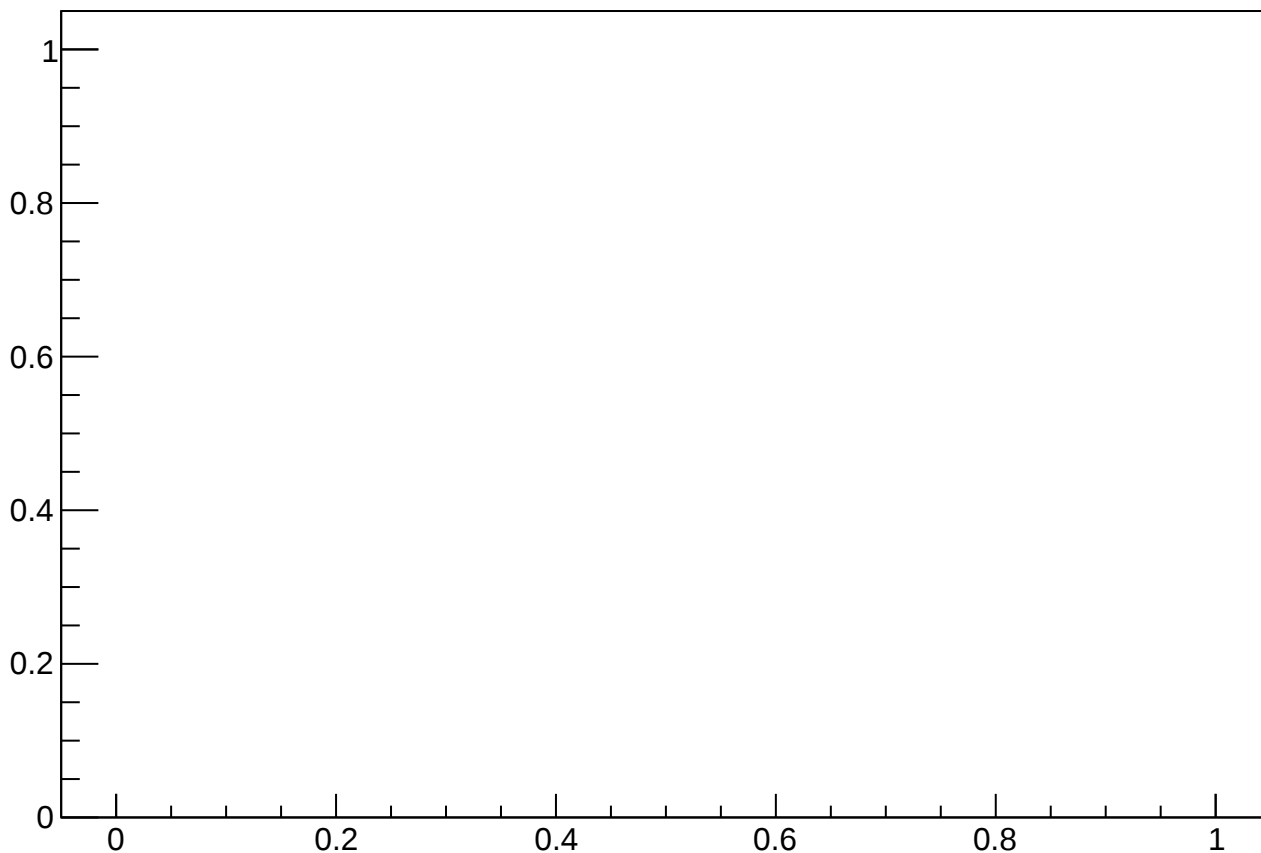
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

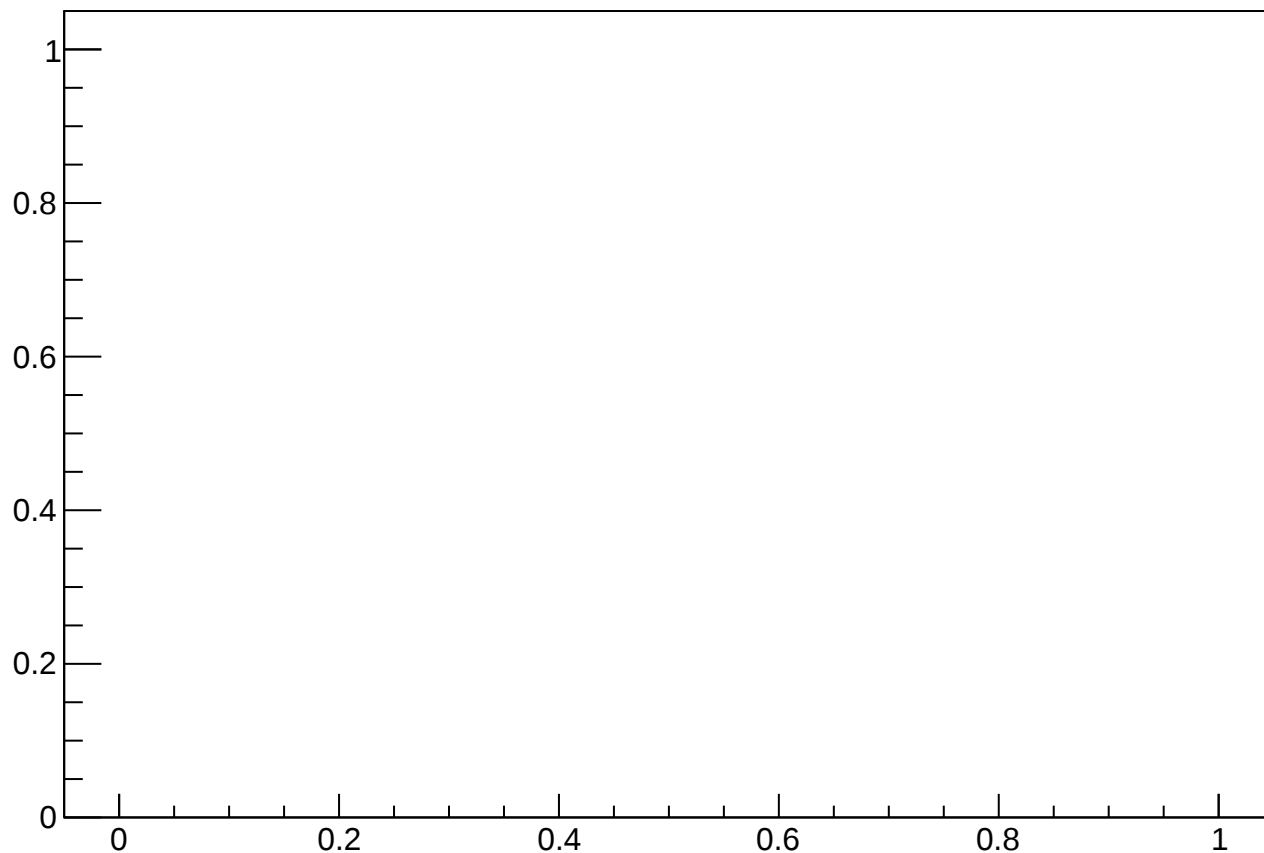
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

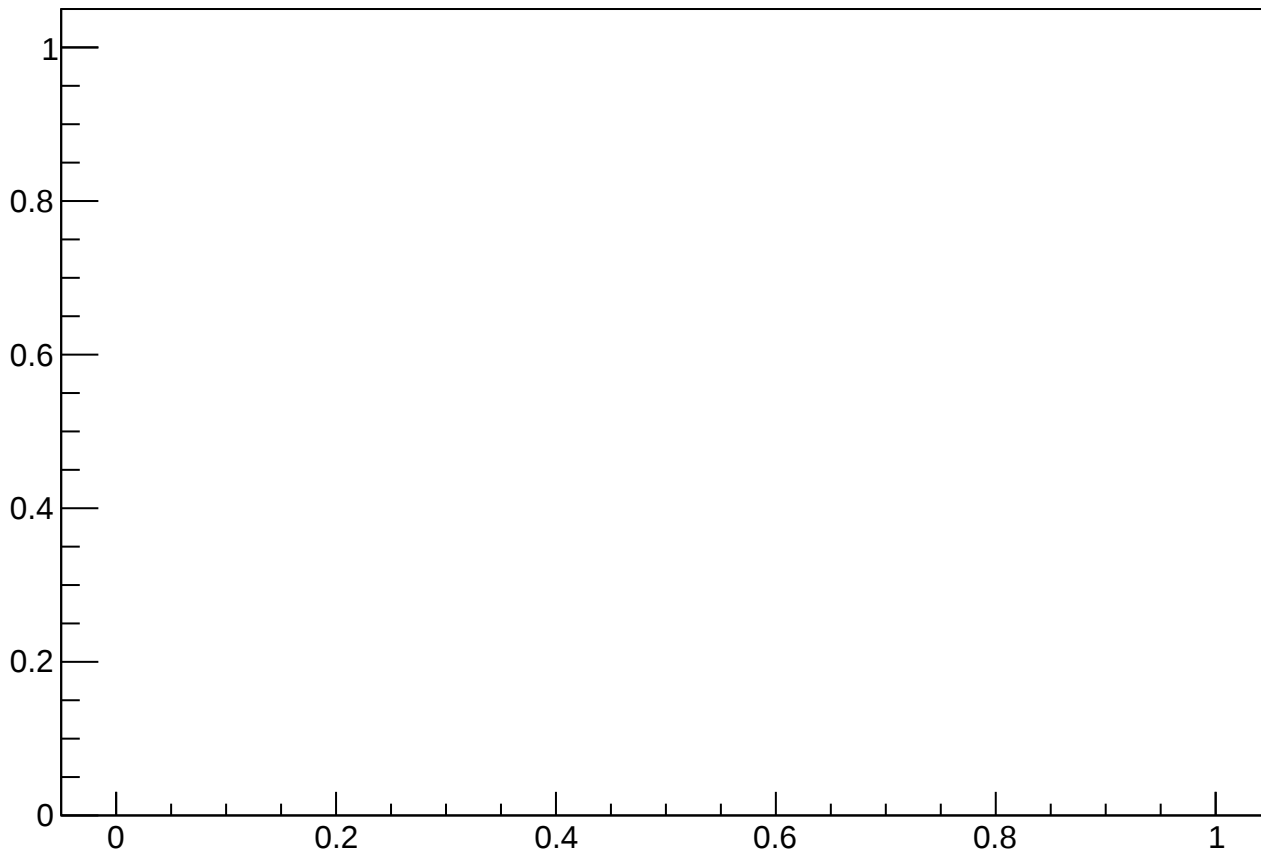
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

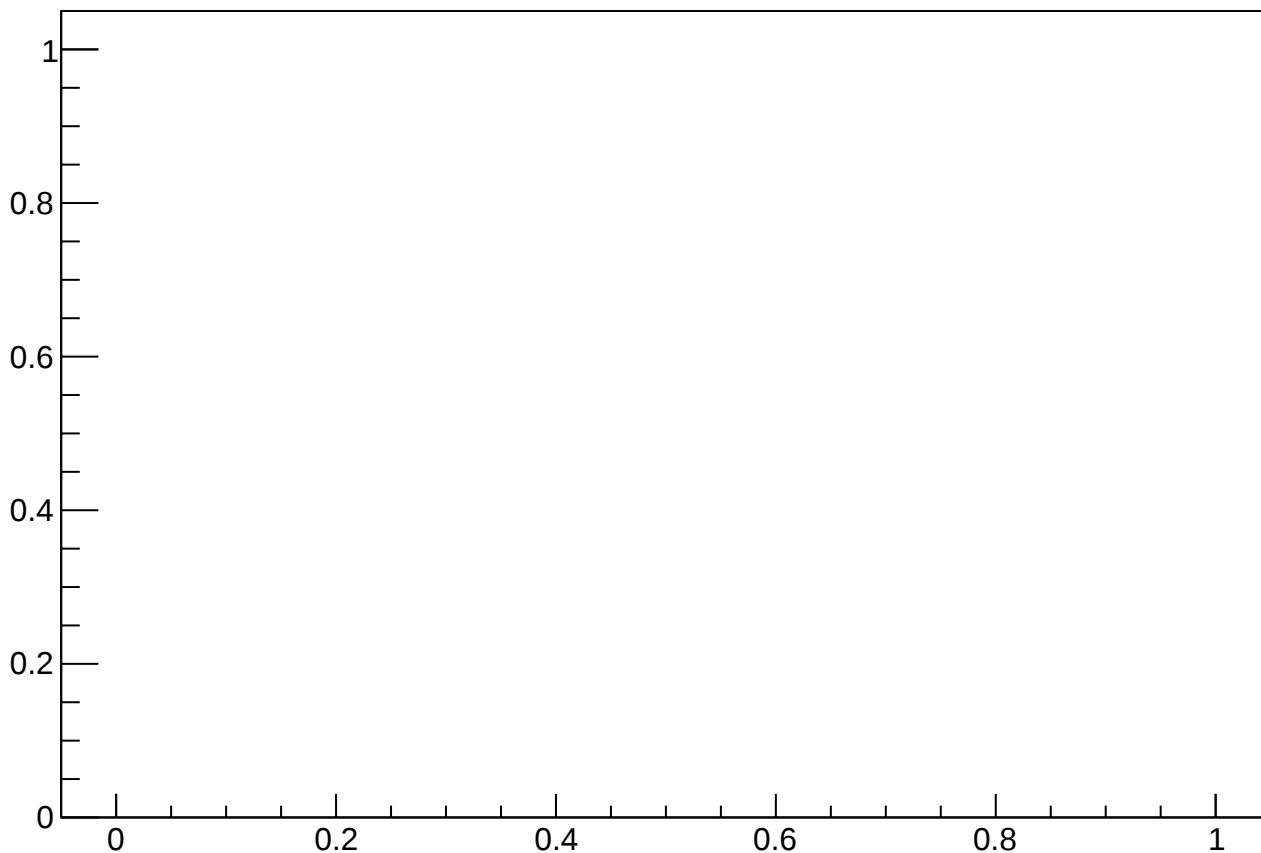
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

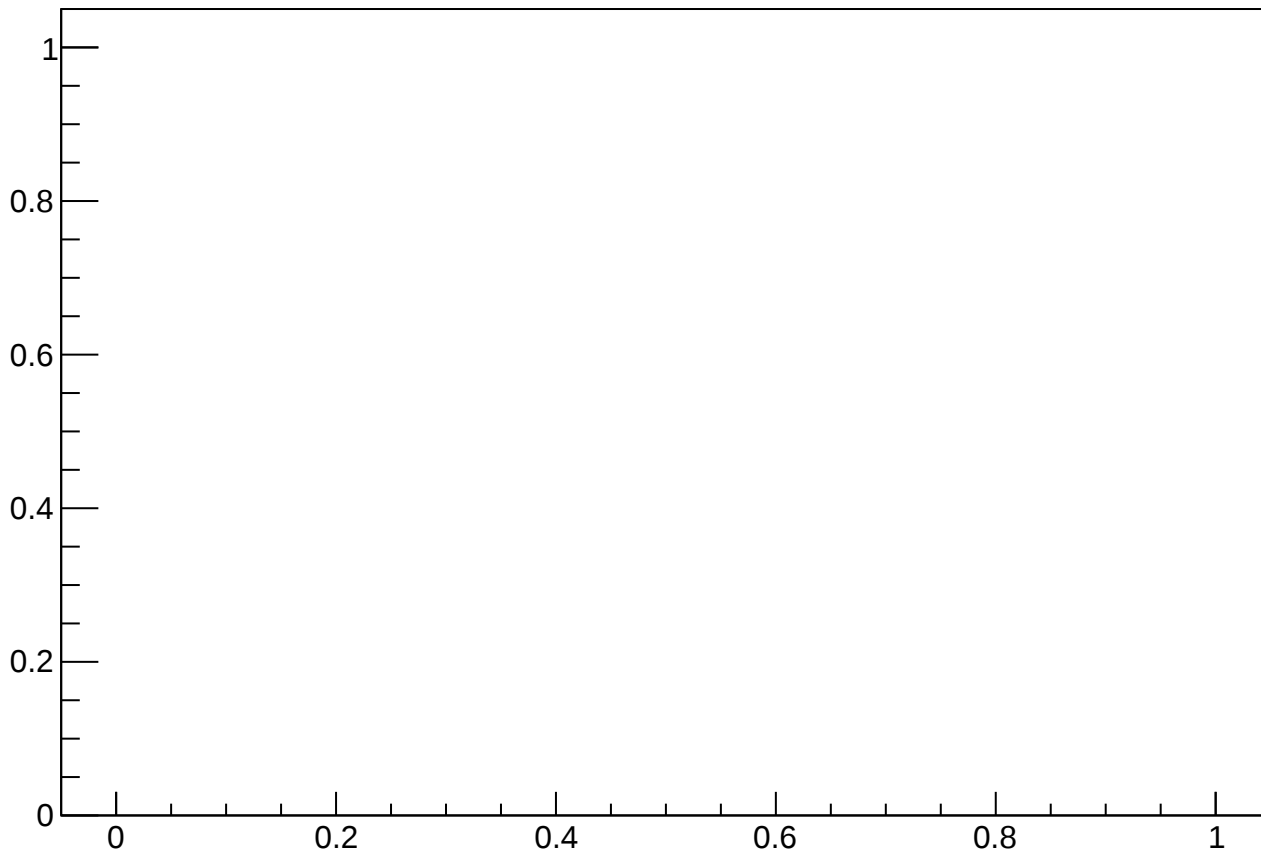
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

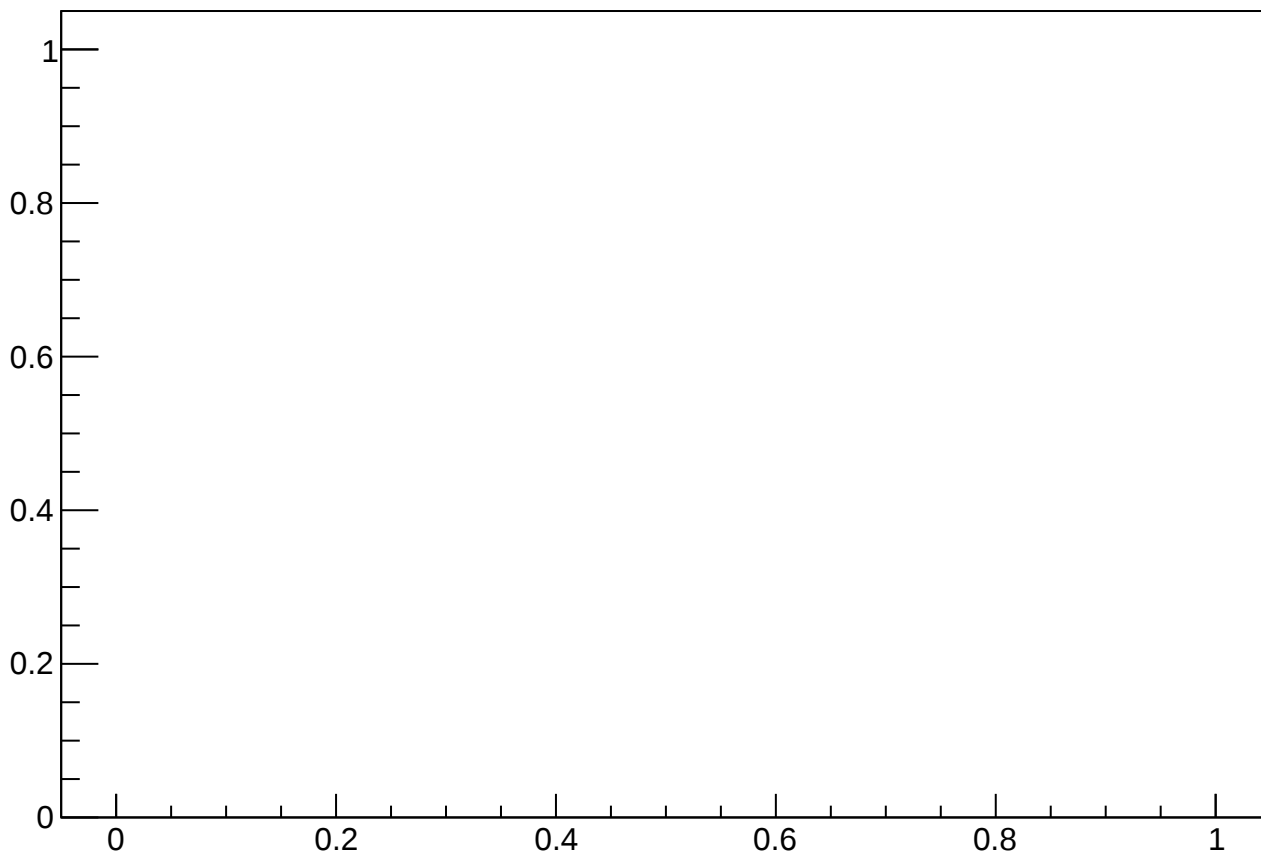
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

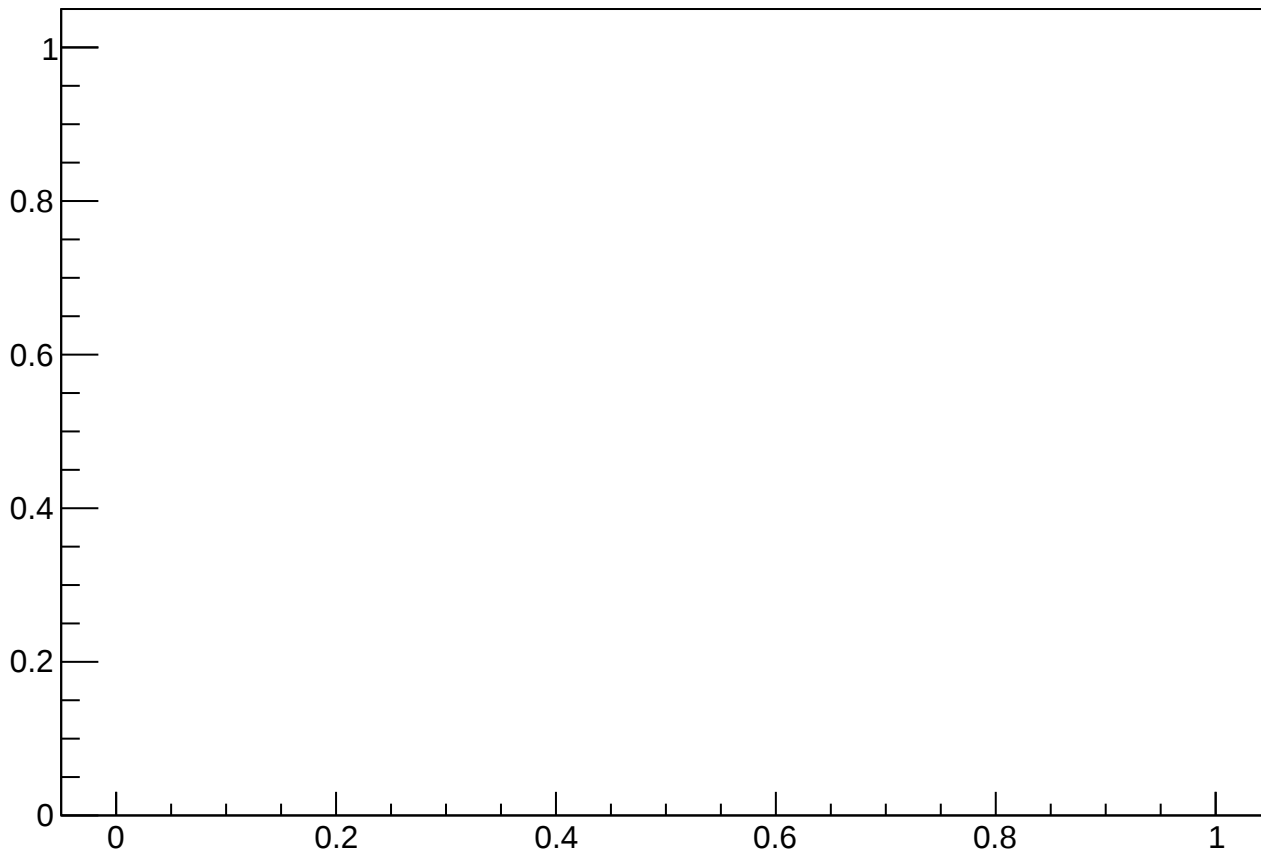
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

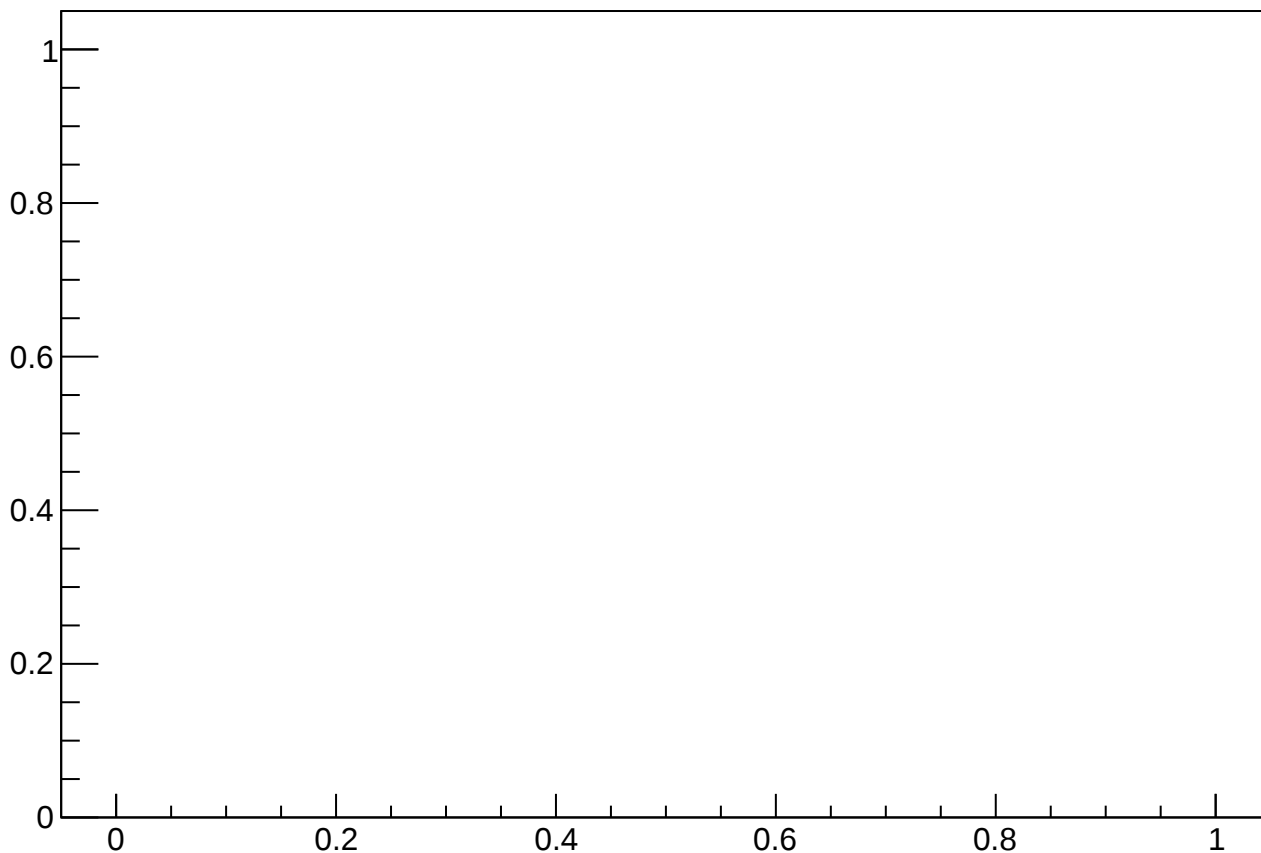
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

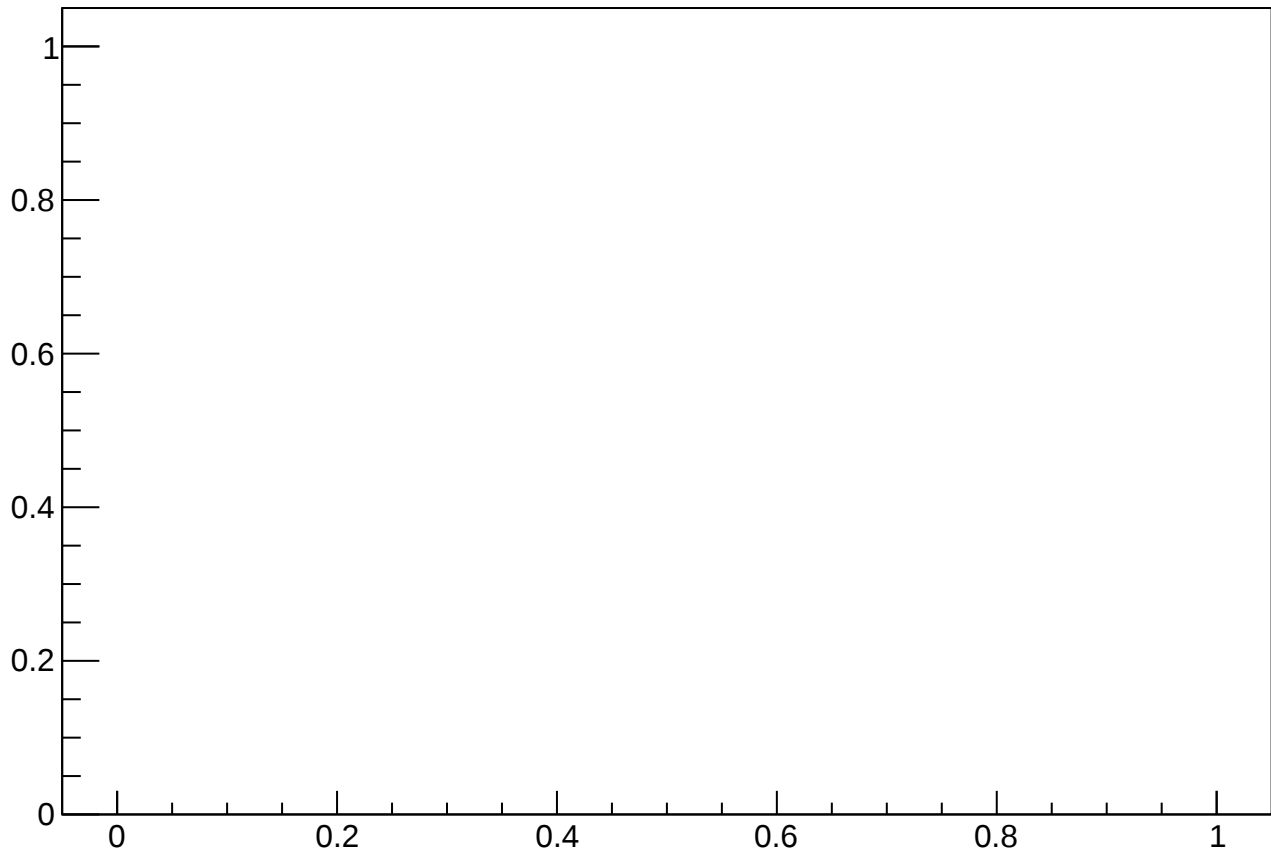
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

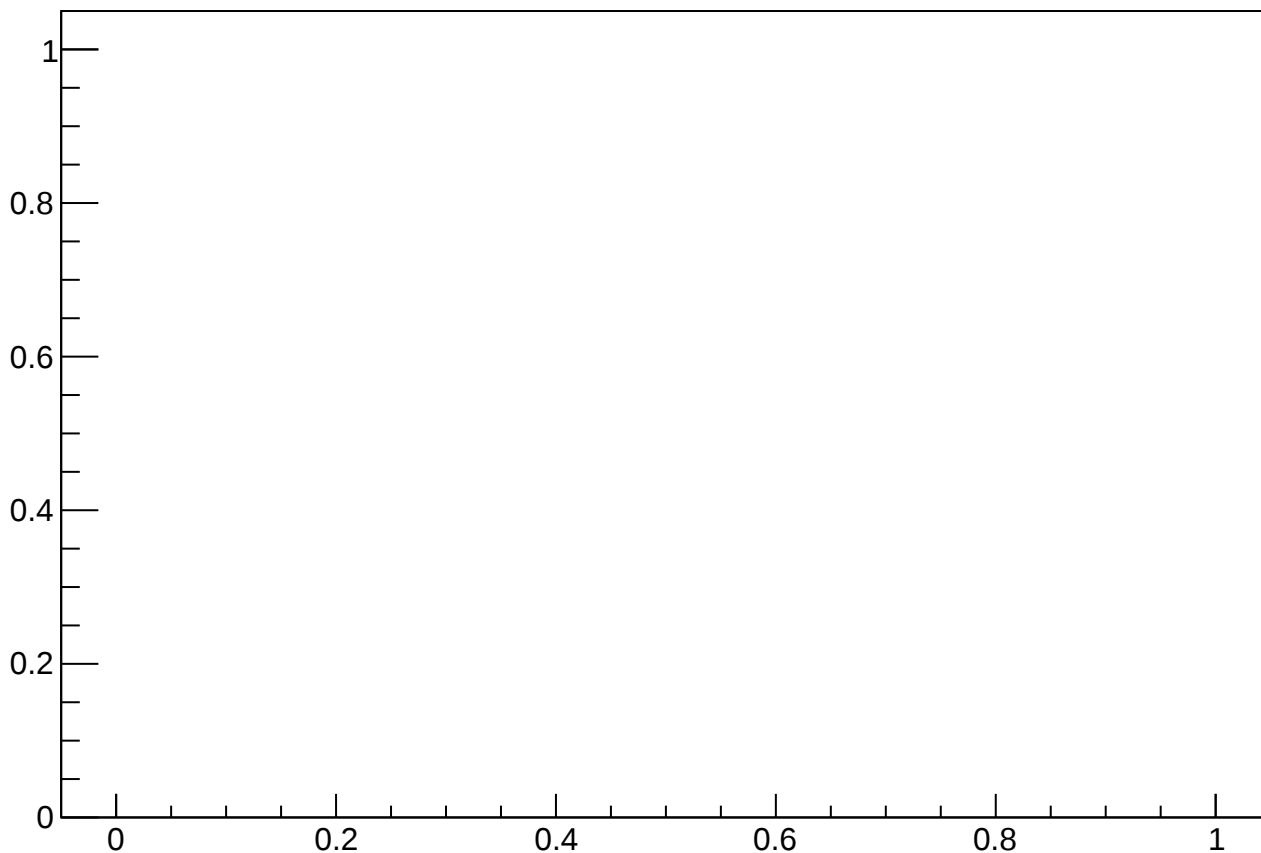
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

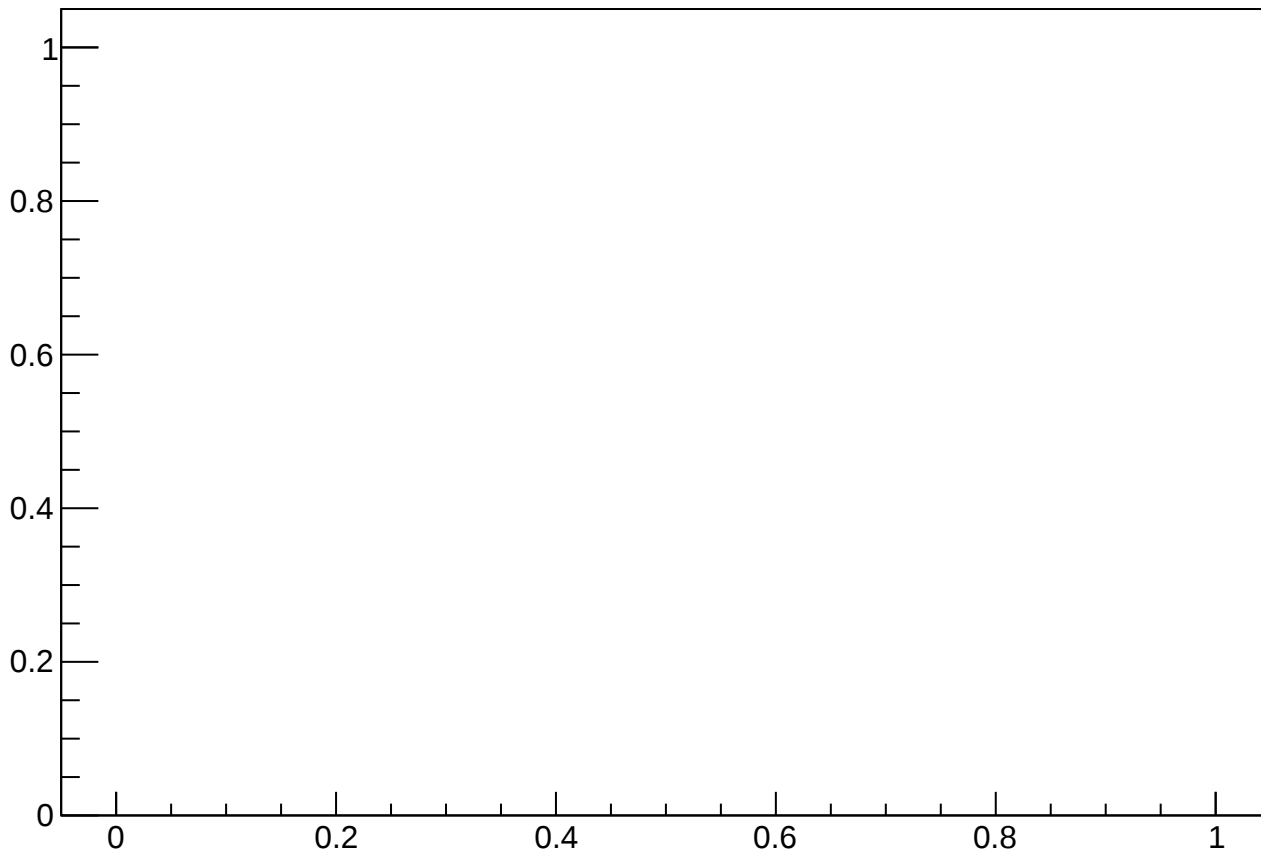
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

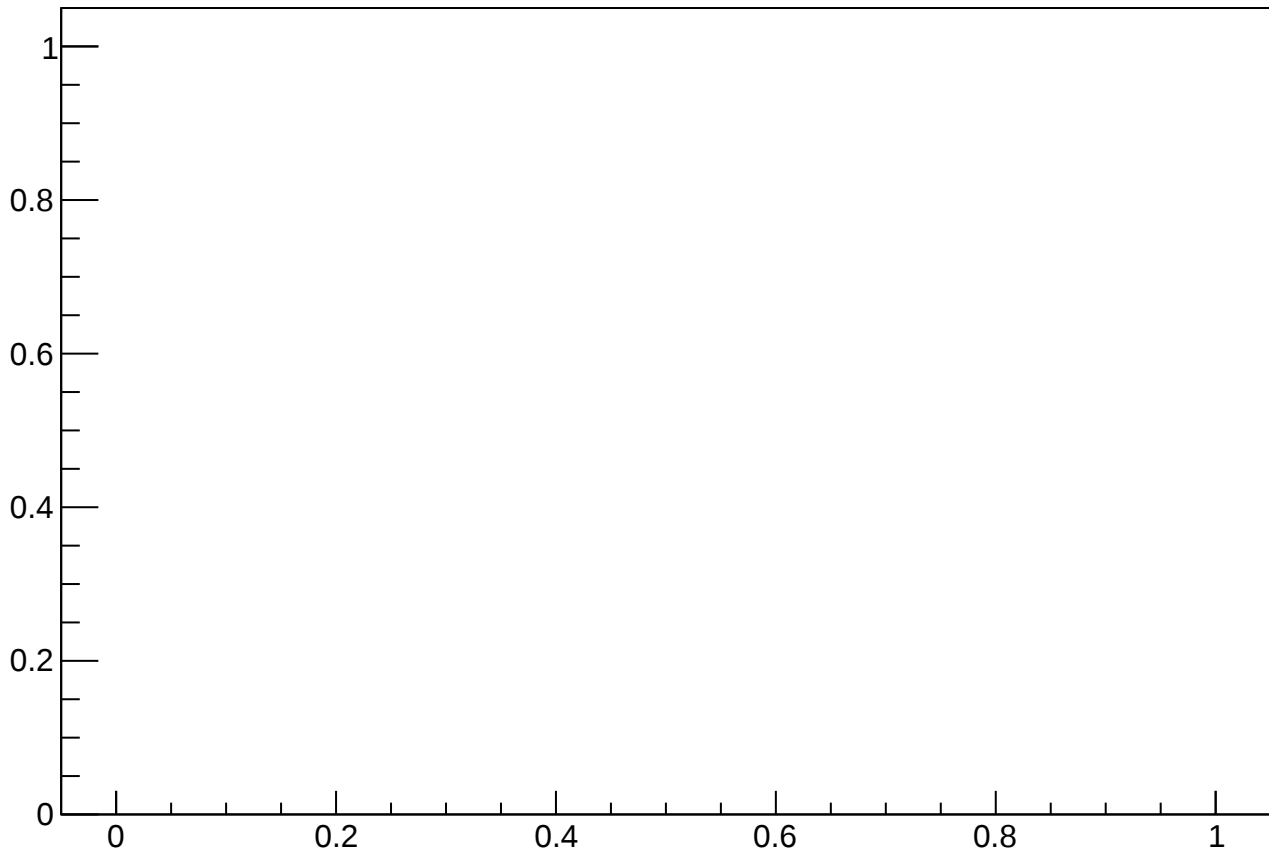
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

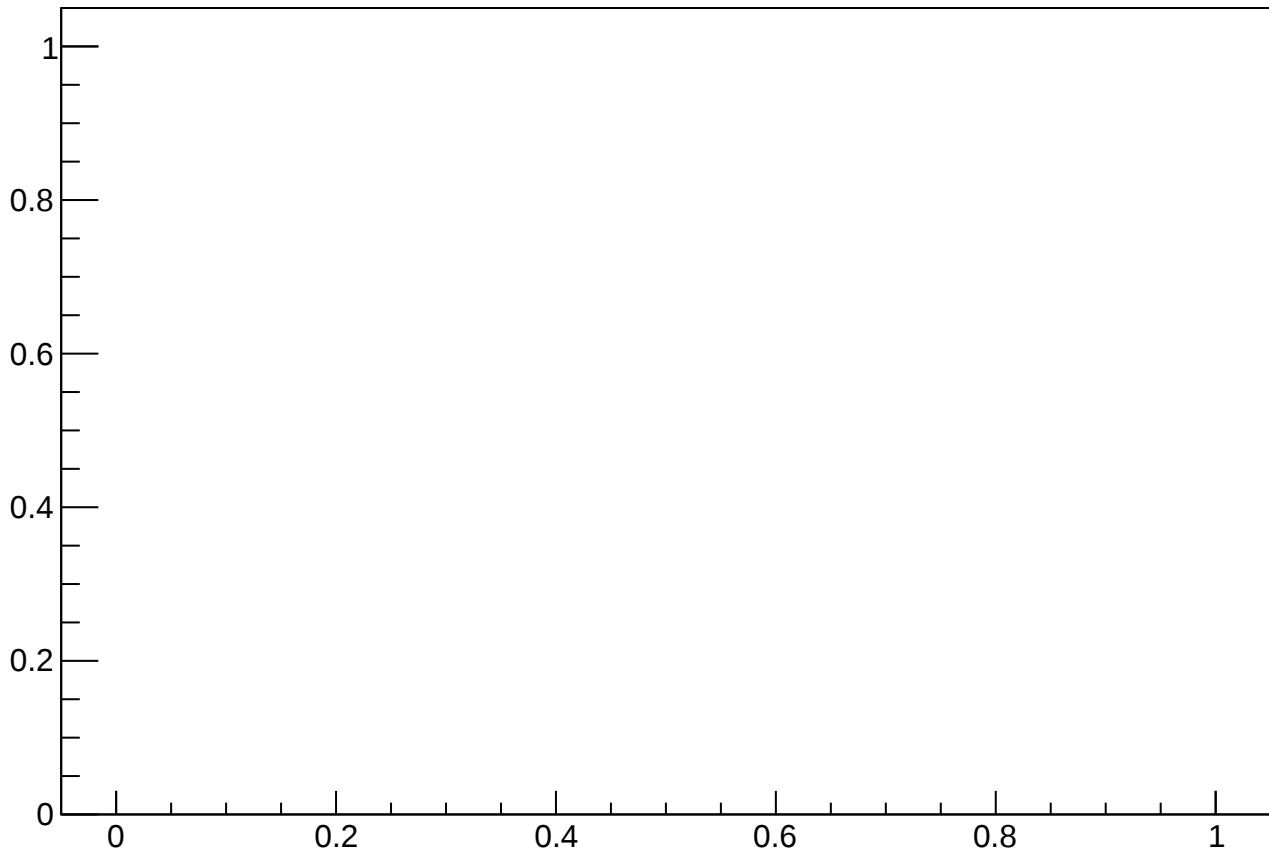
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

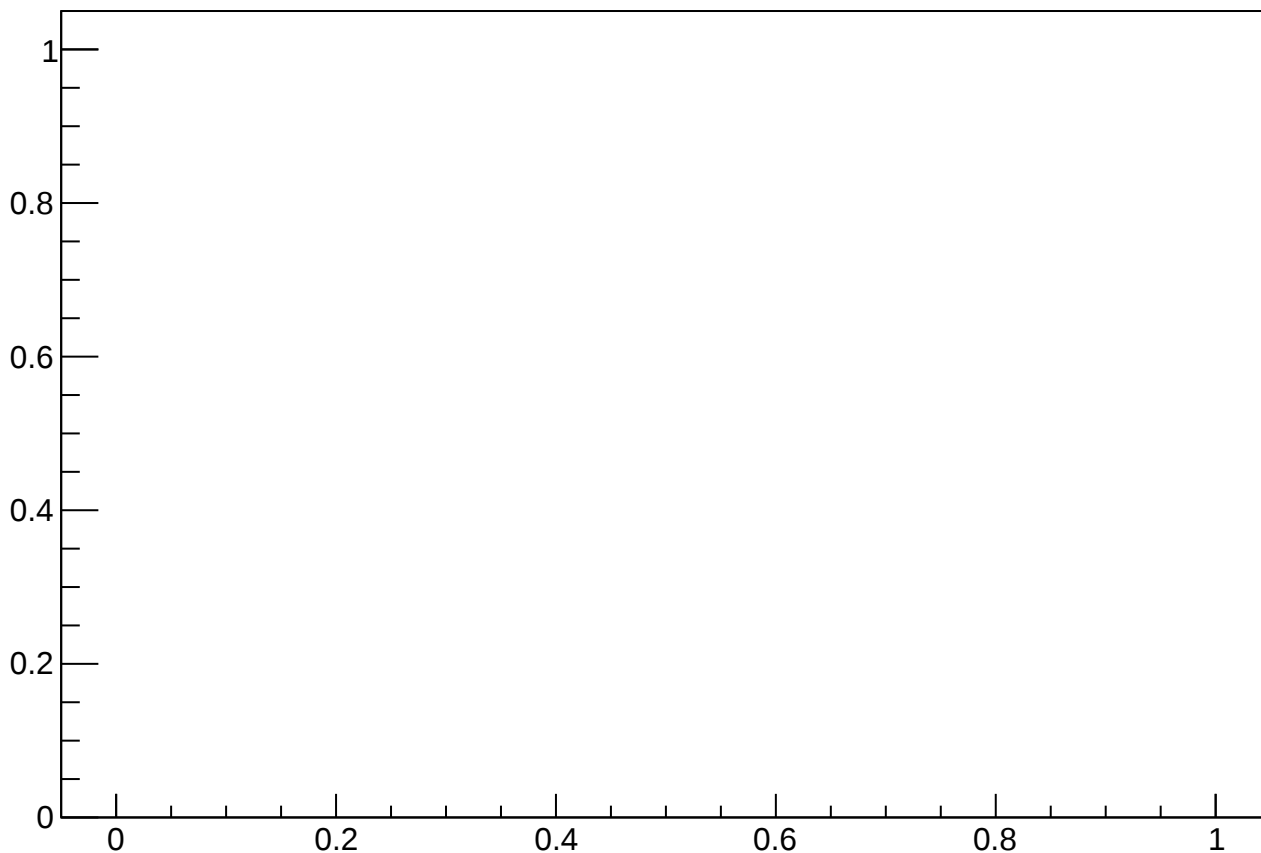
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

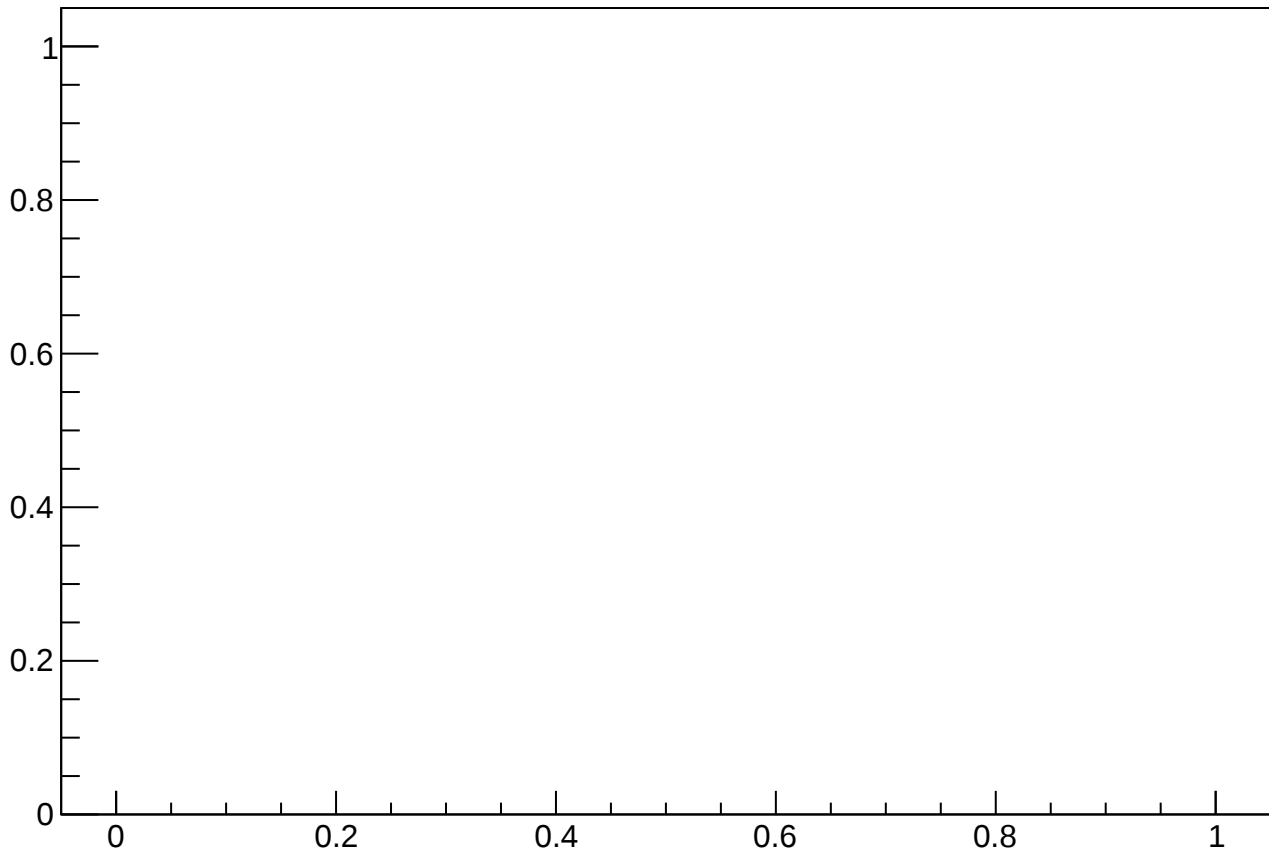
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

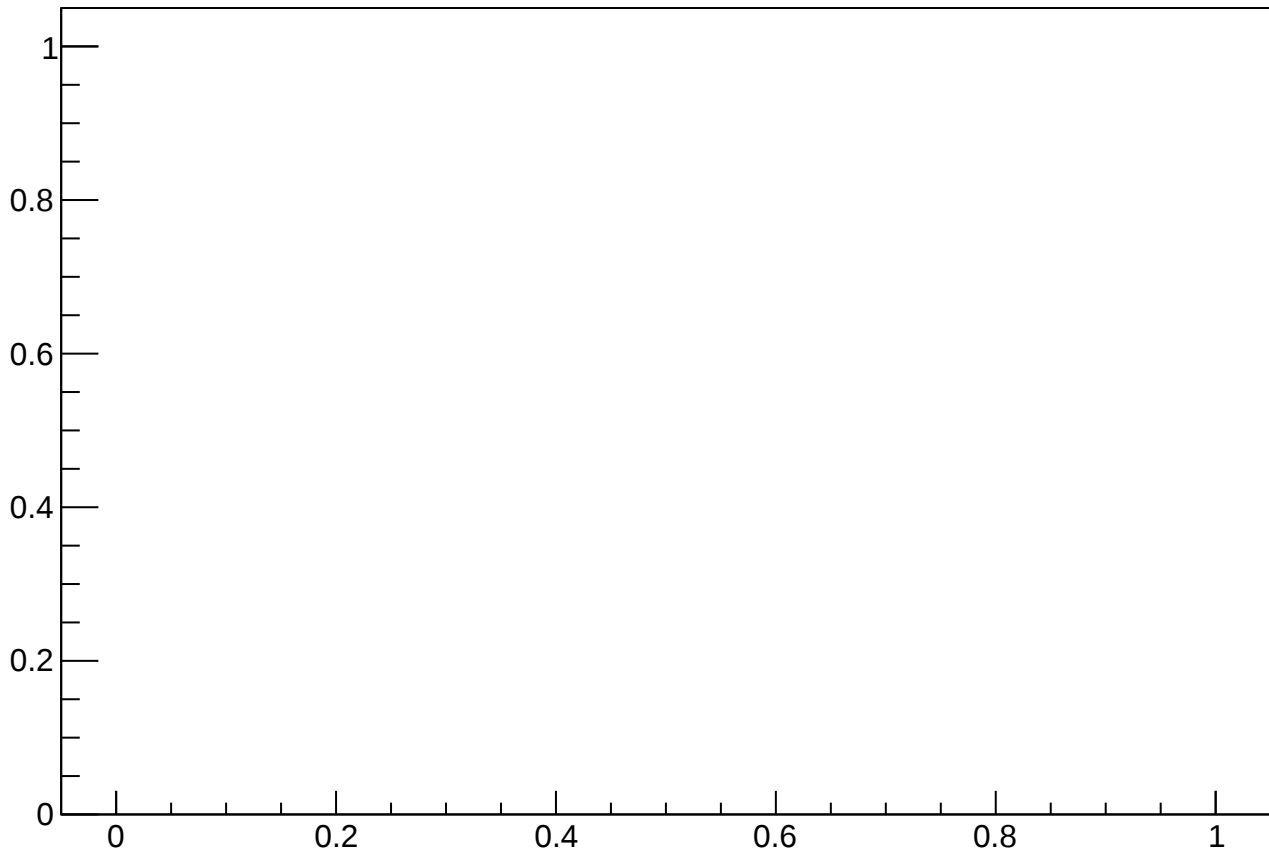
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

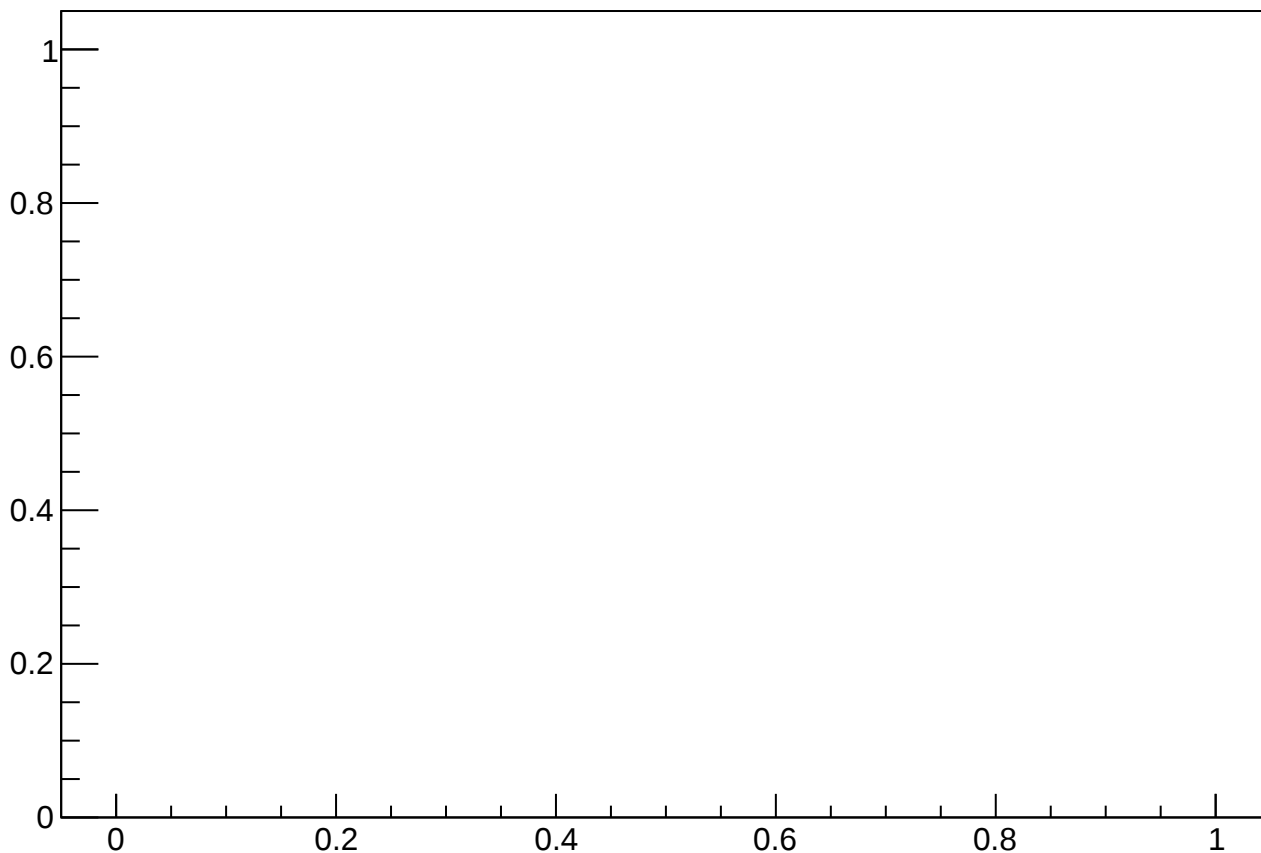
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

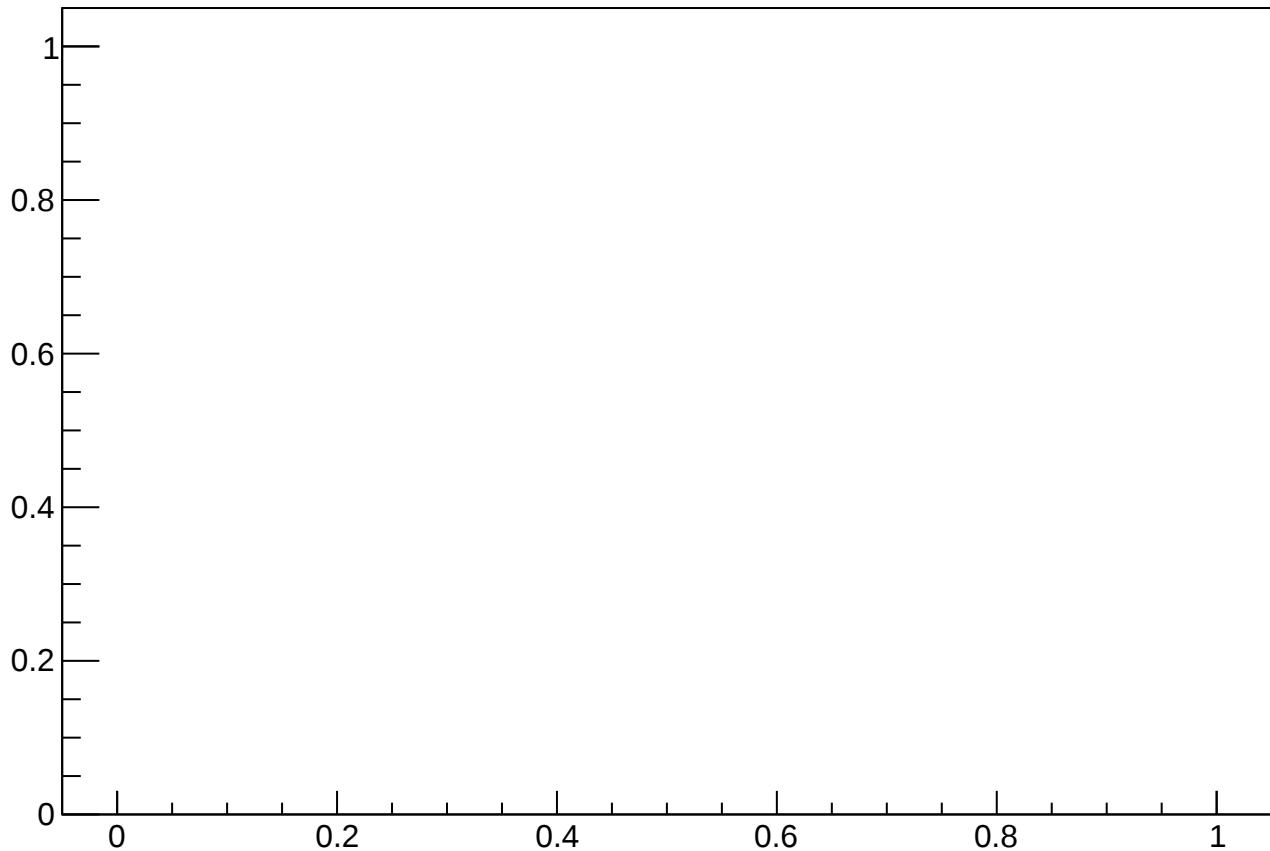
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

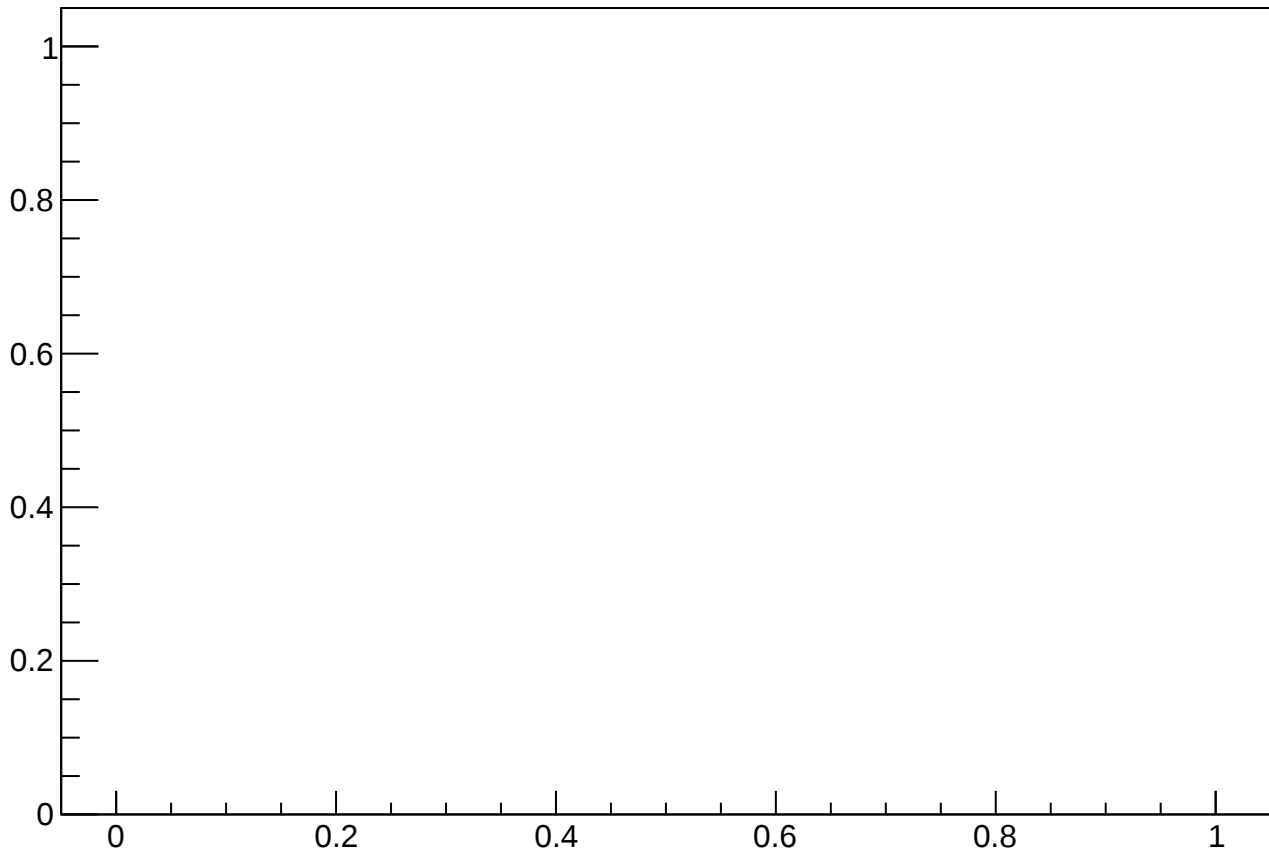
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

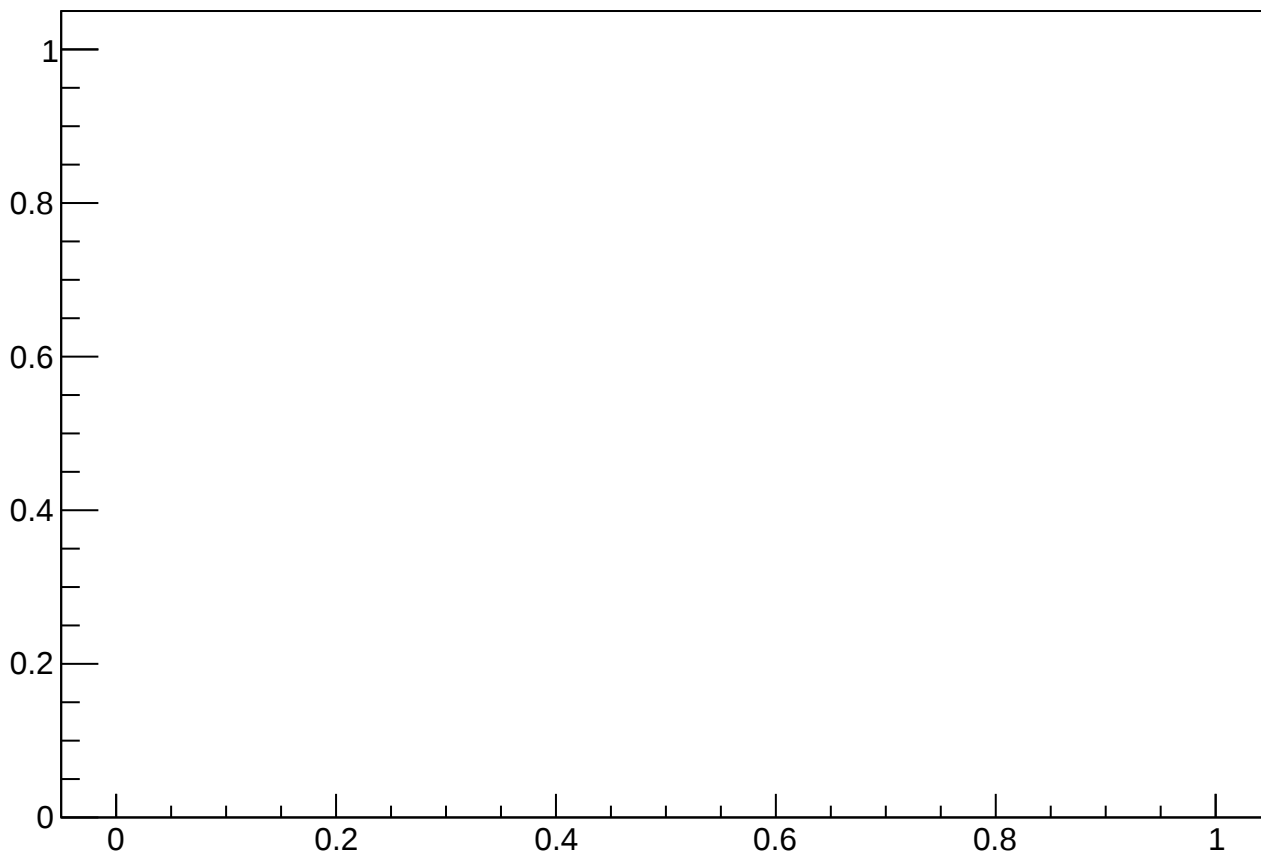
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

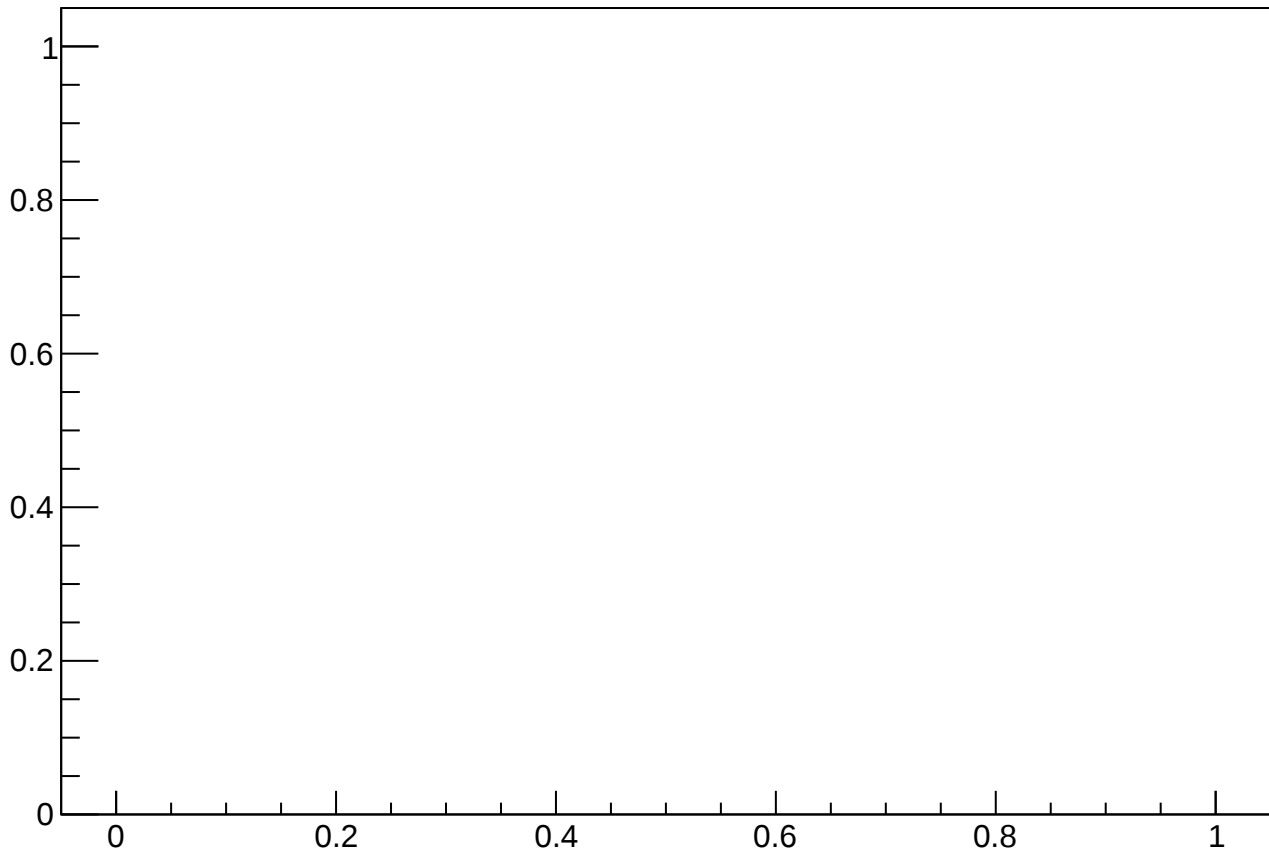
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

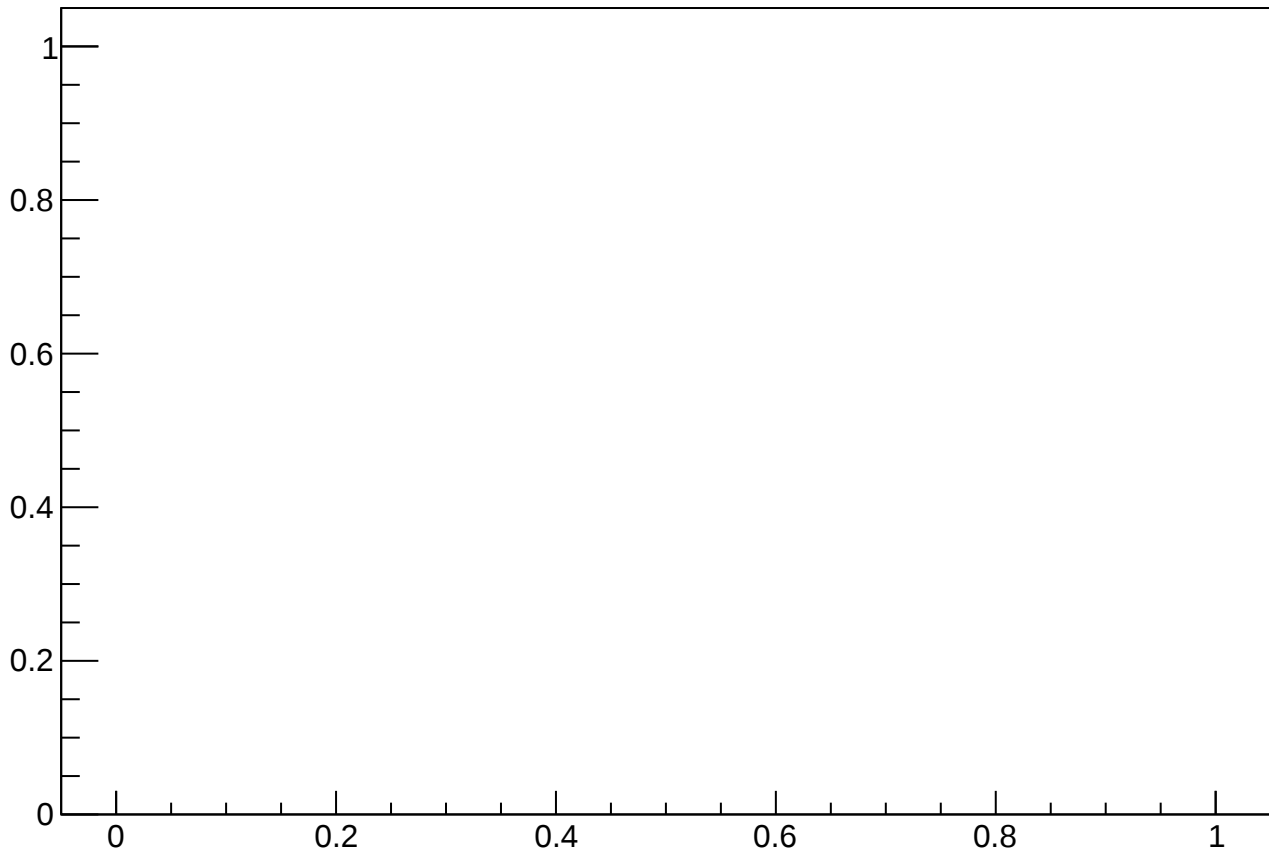
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

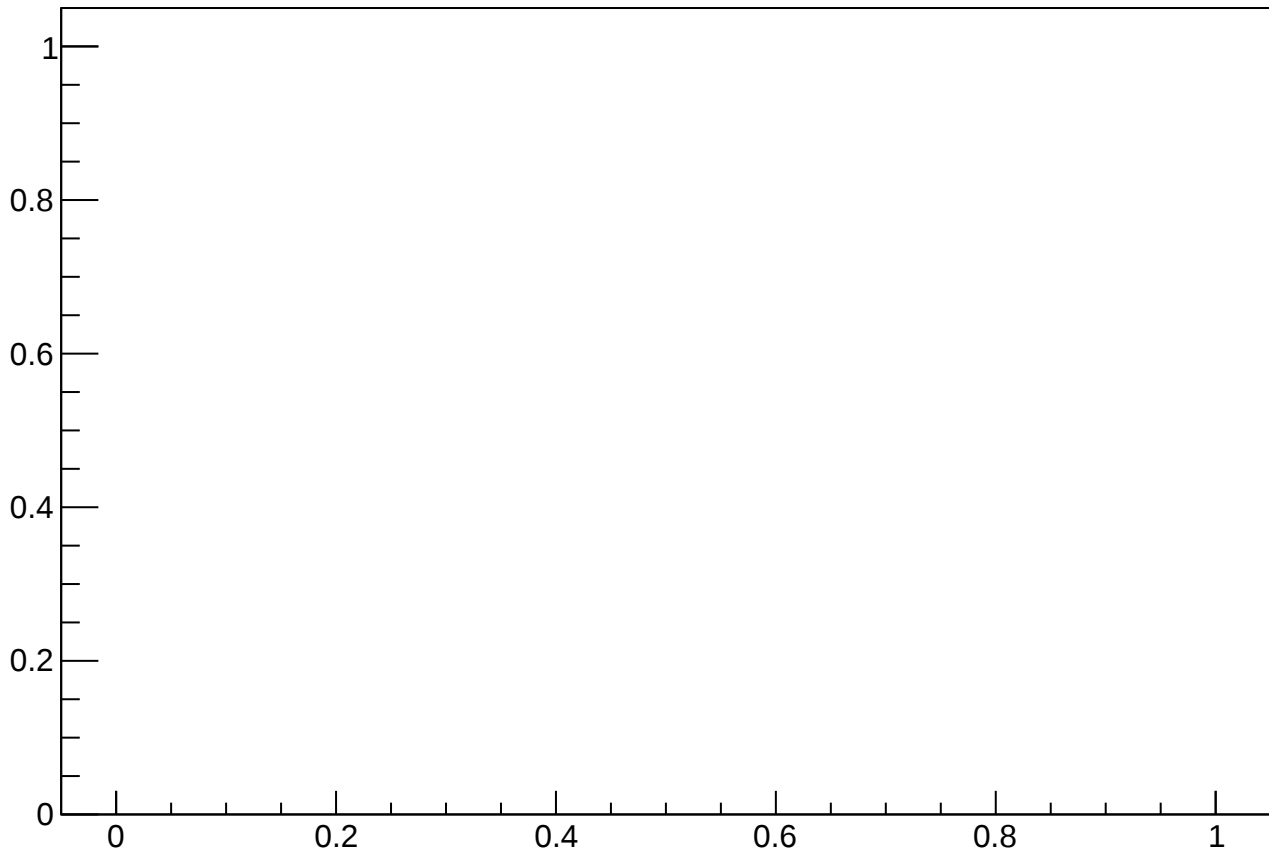
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

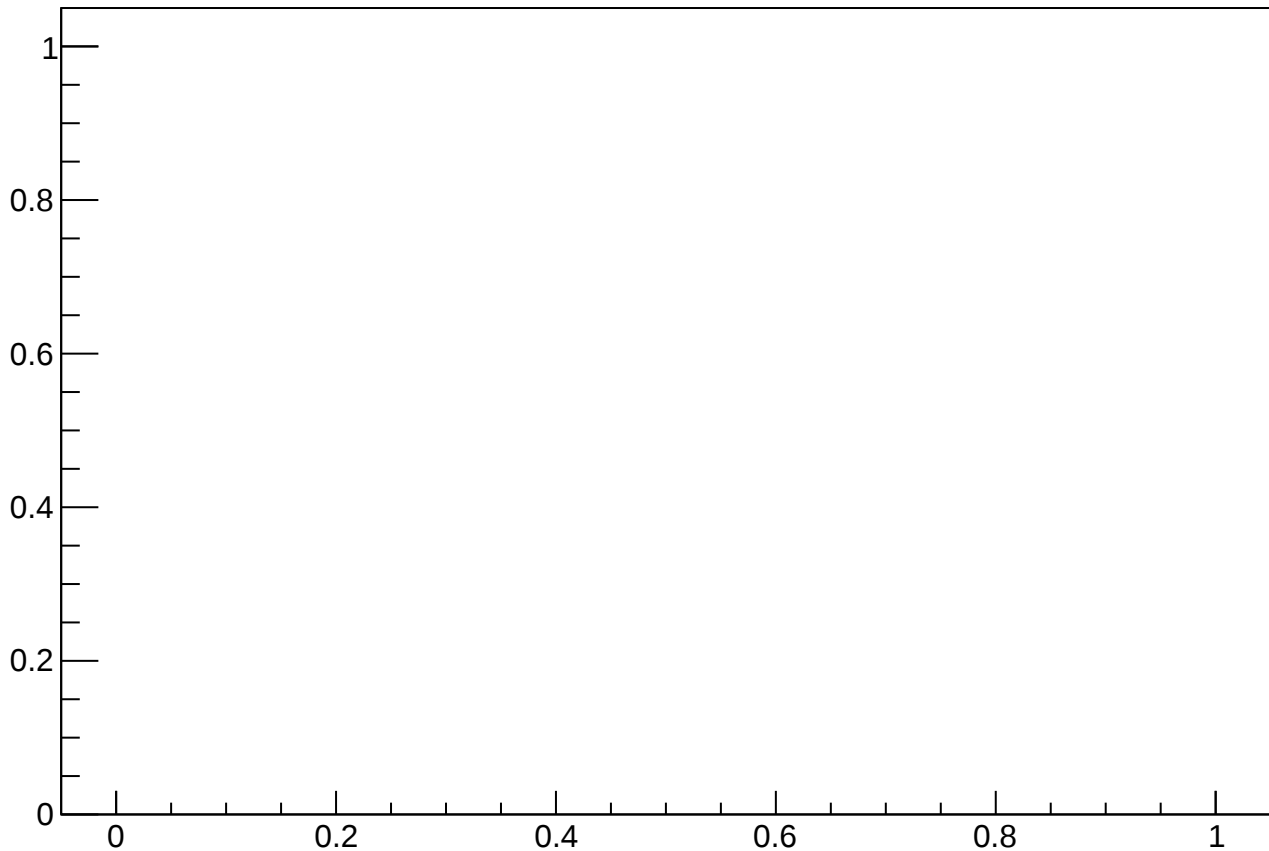
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

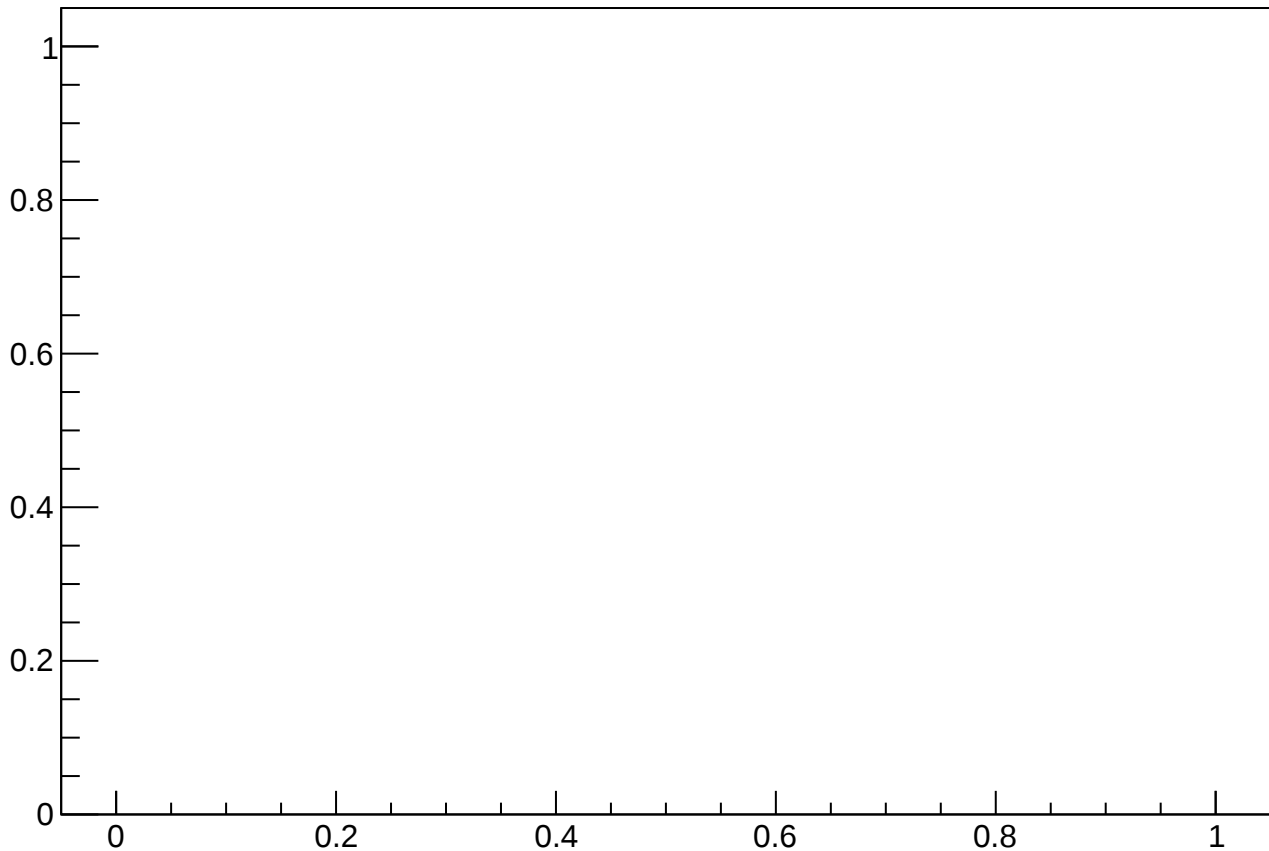
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

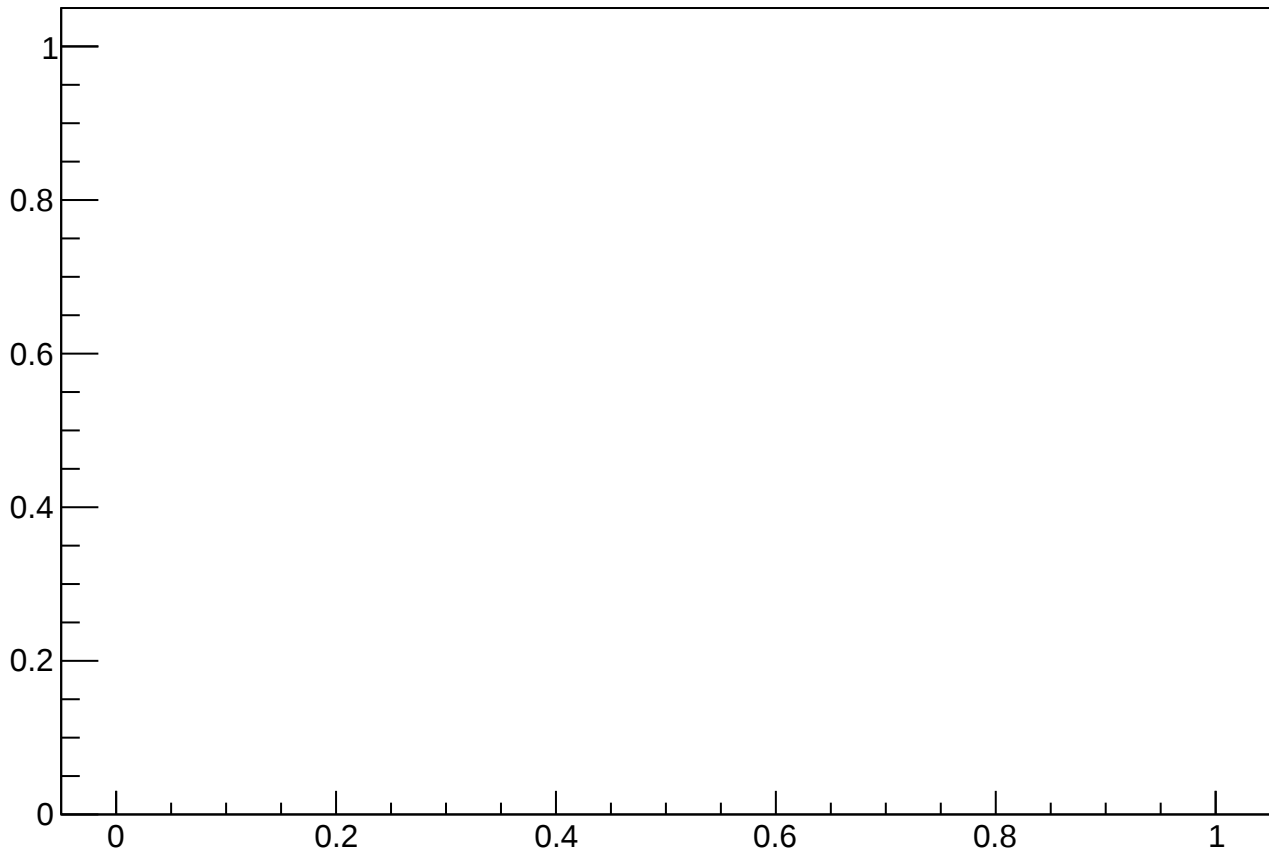
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

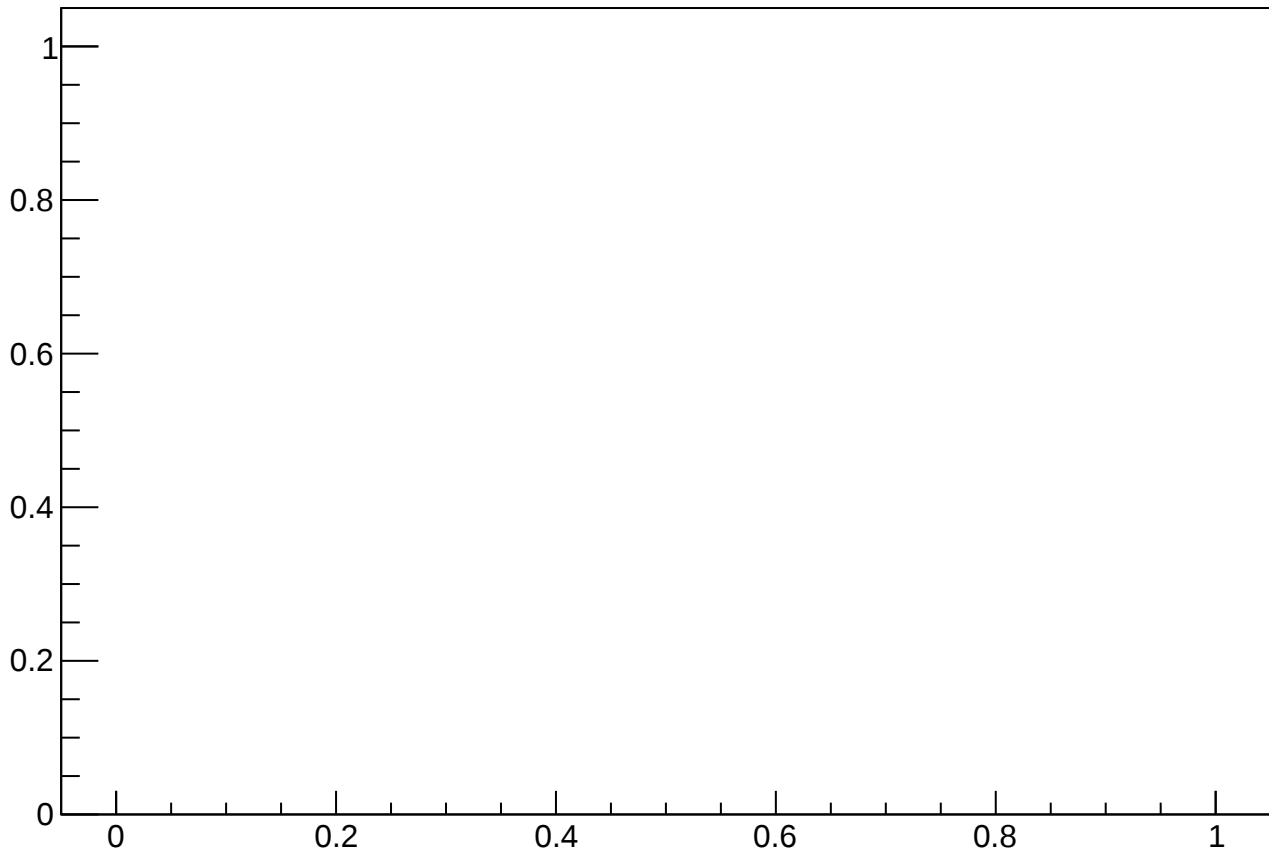
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

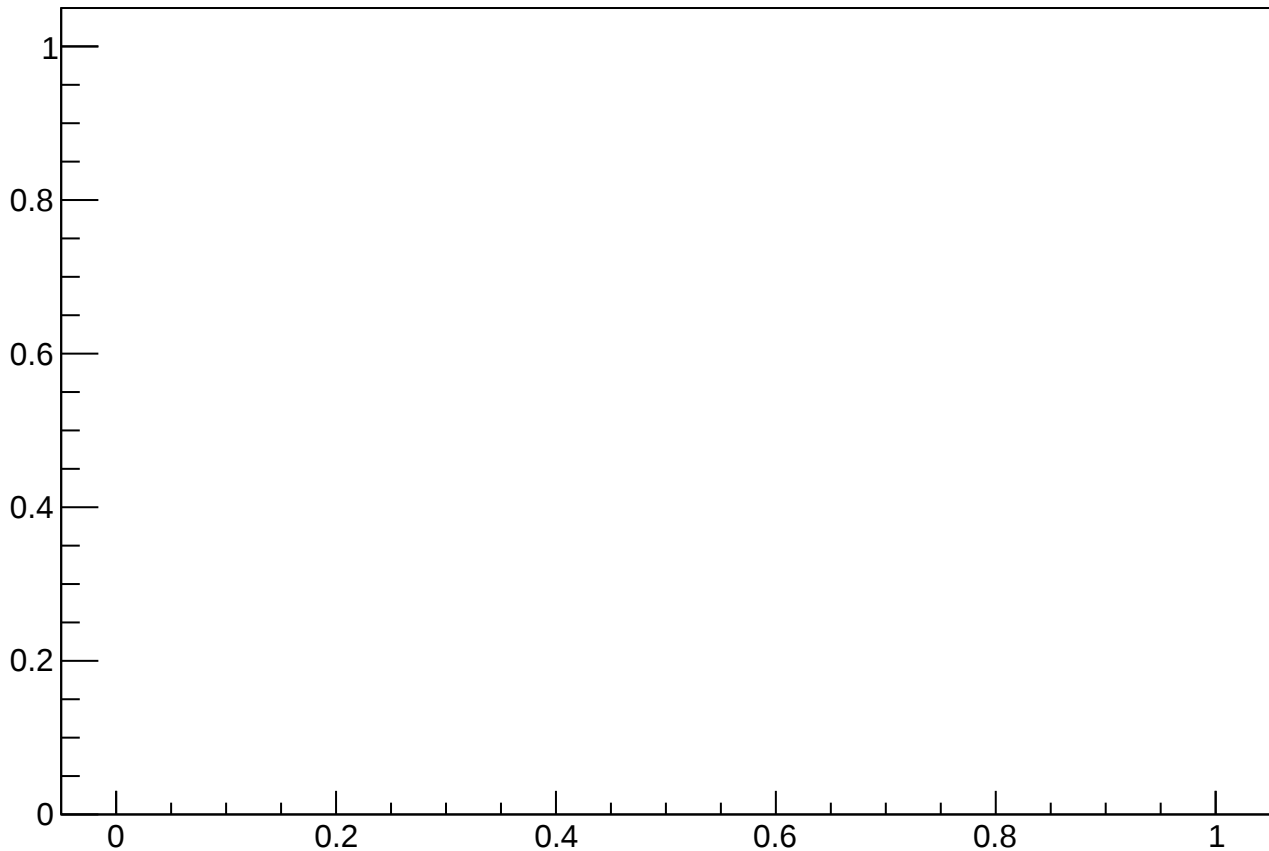
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

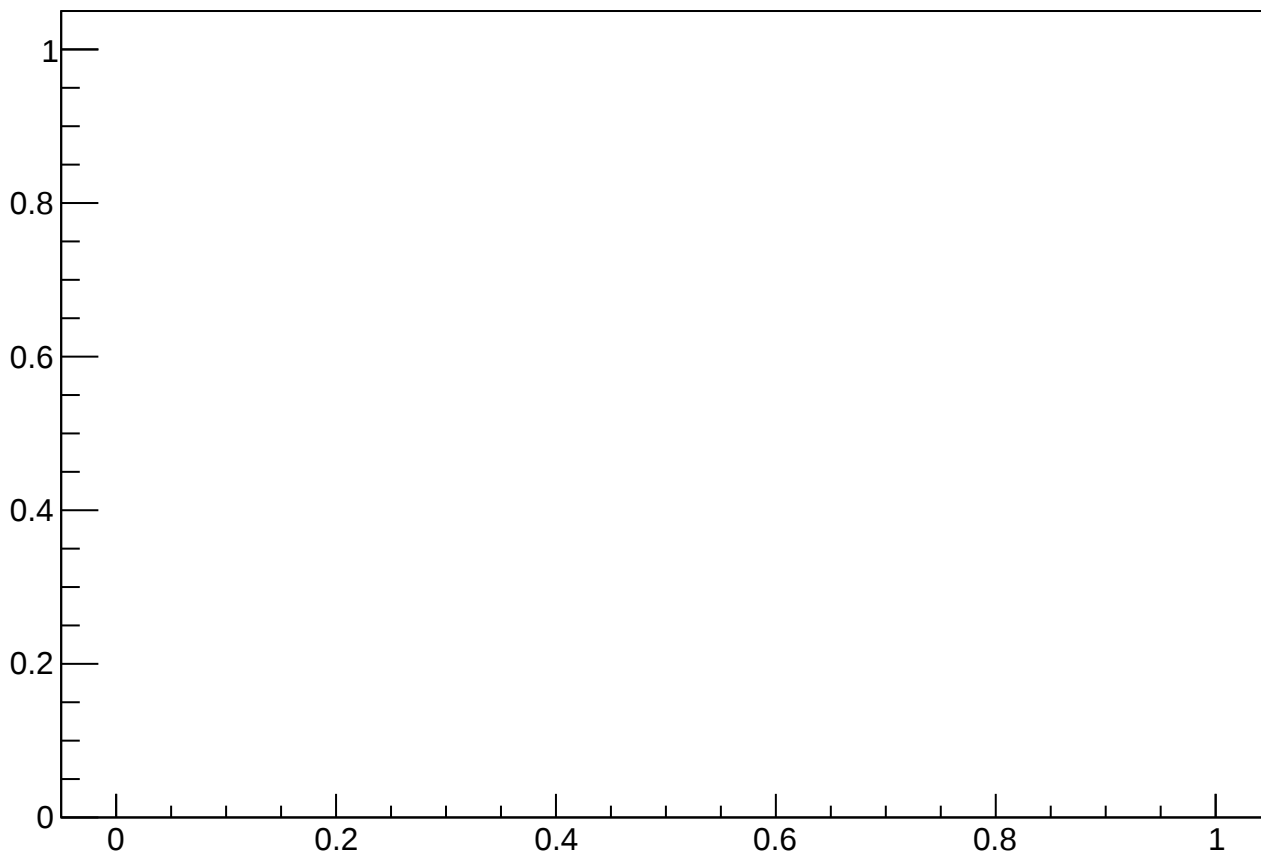
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

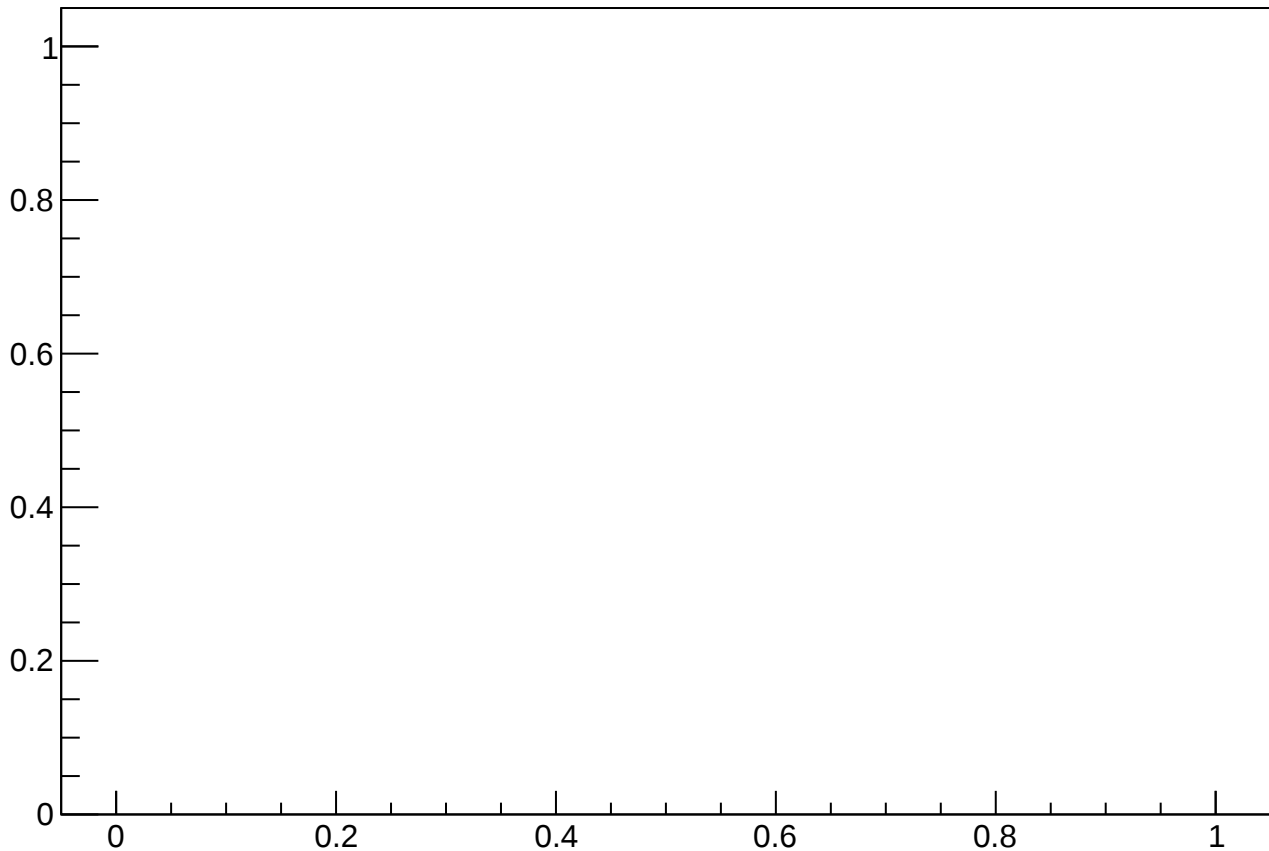
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

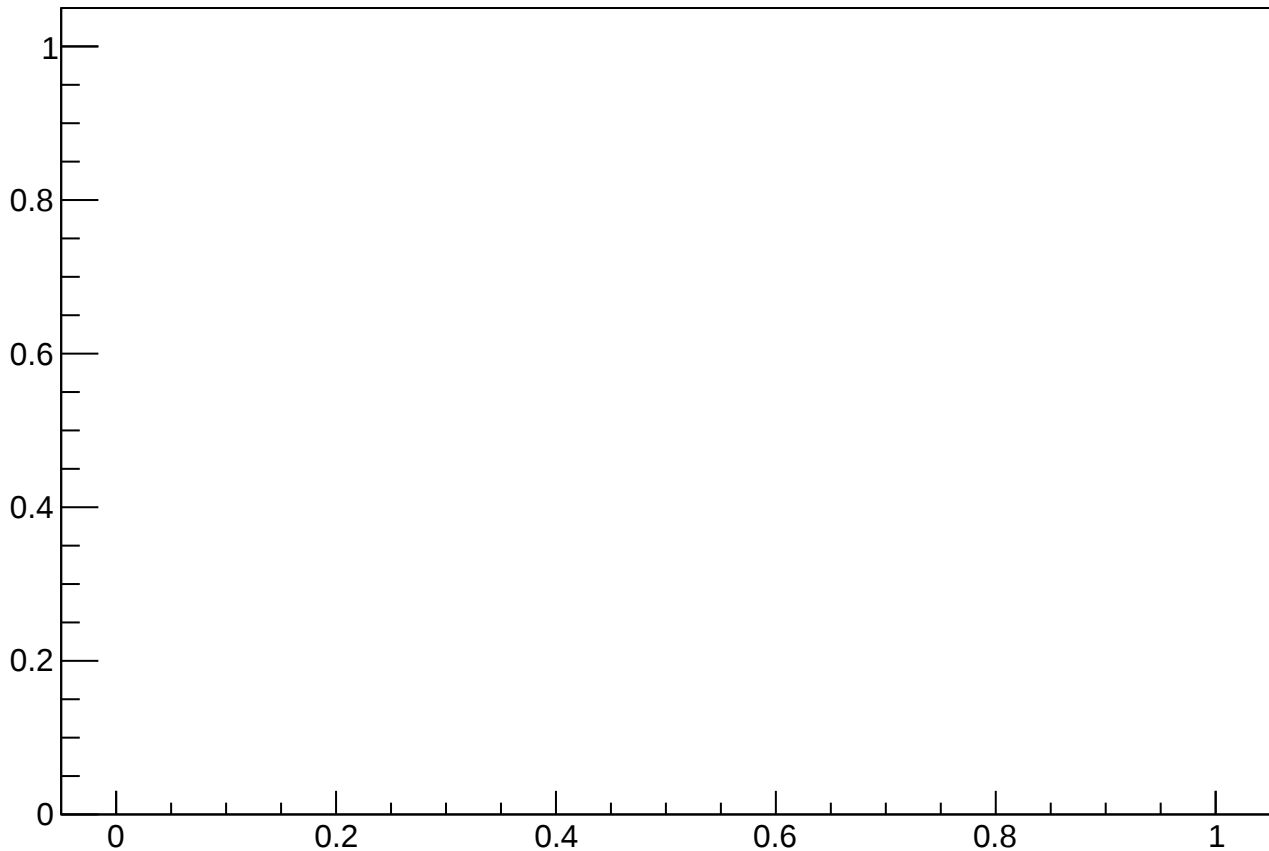
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

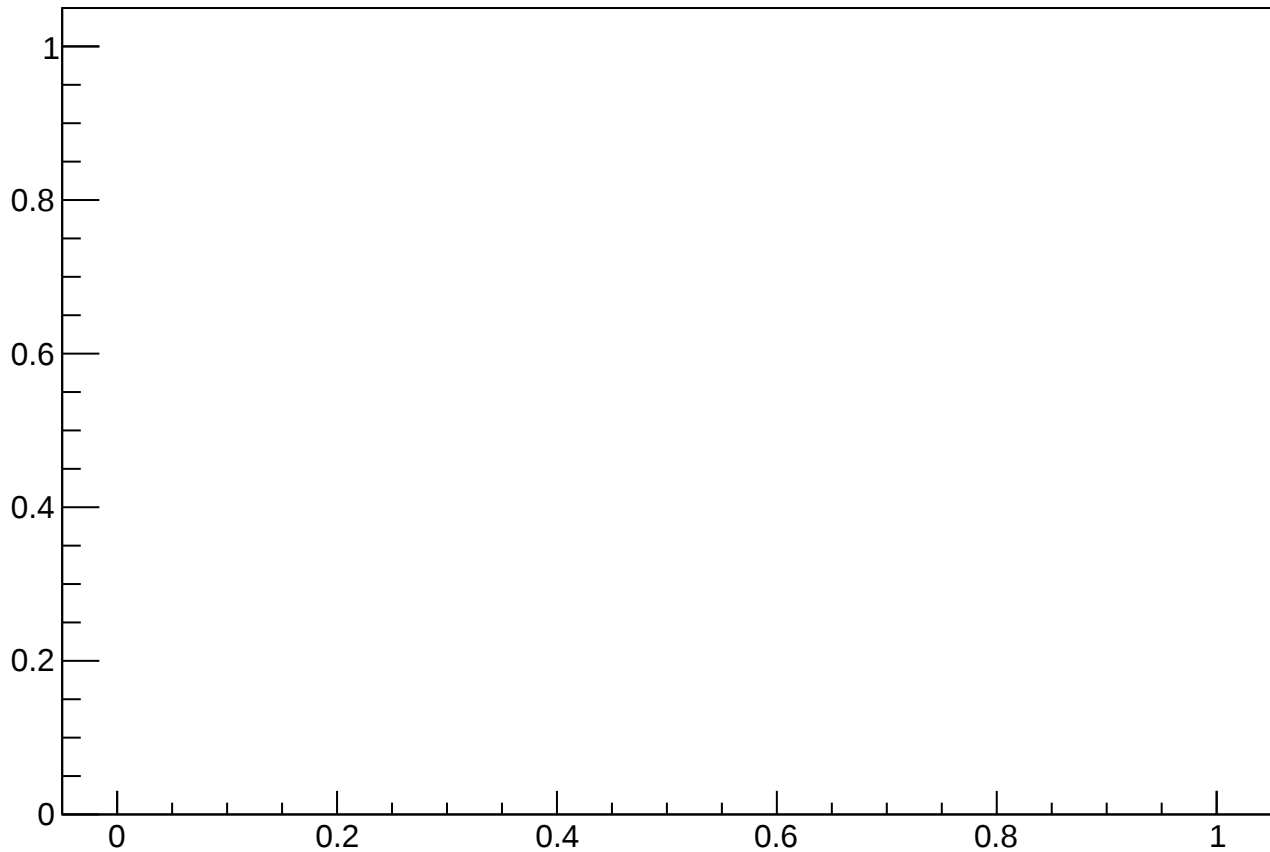
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

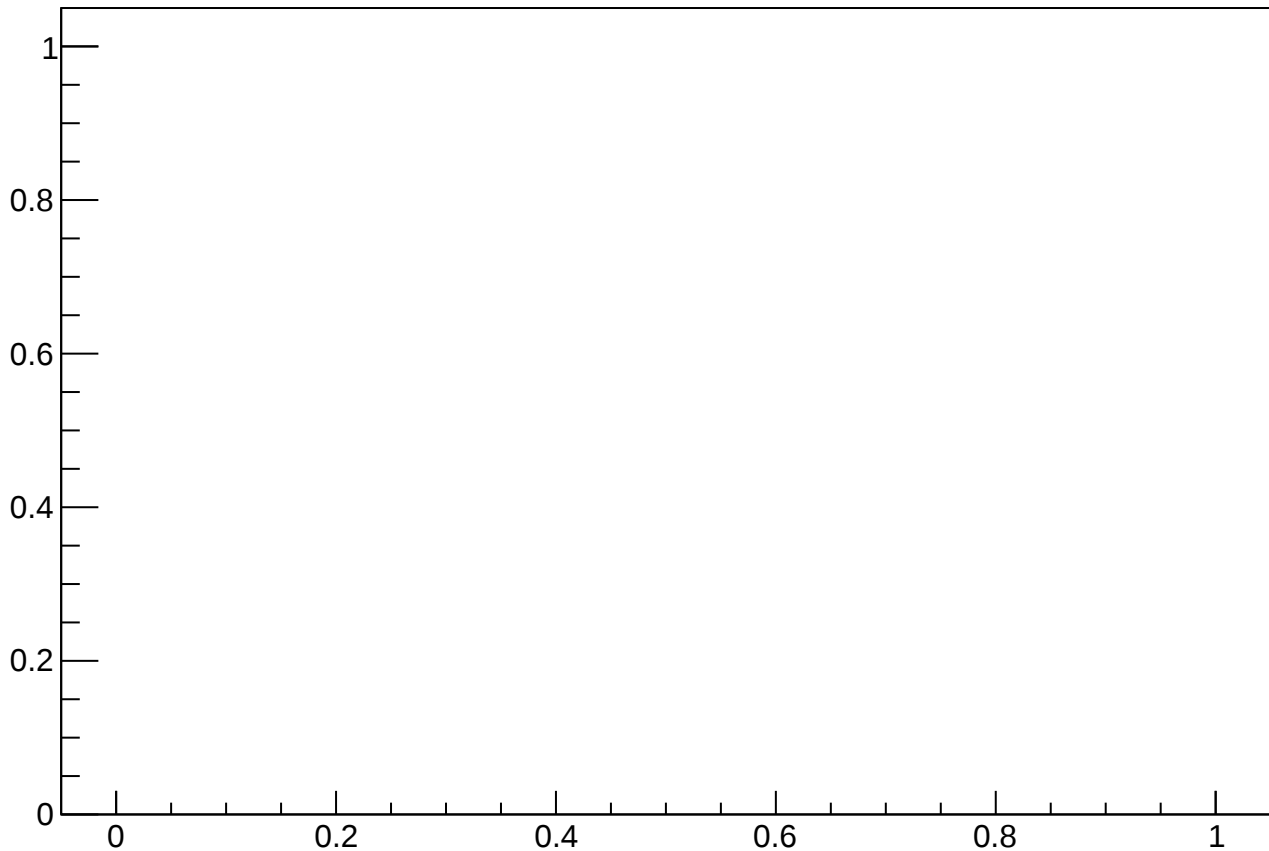
dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

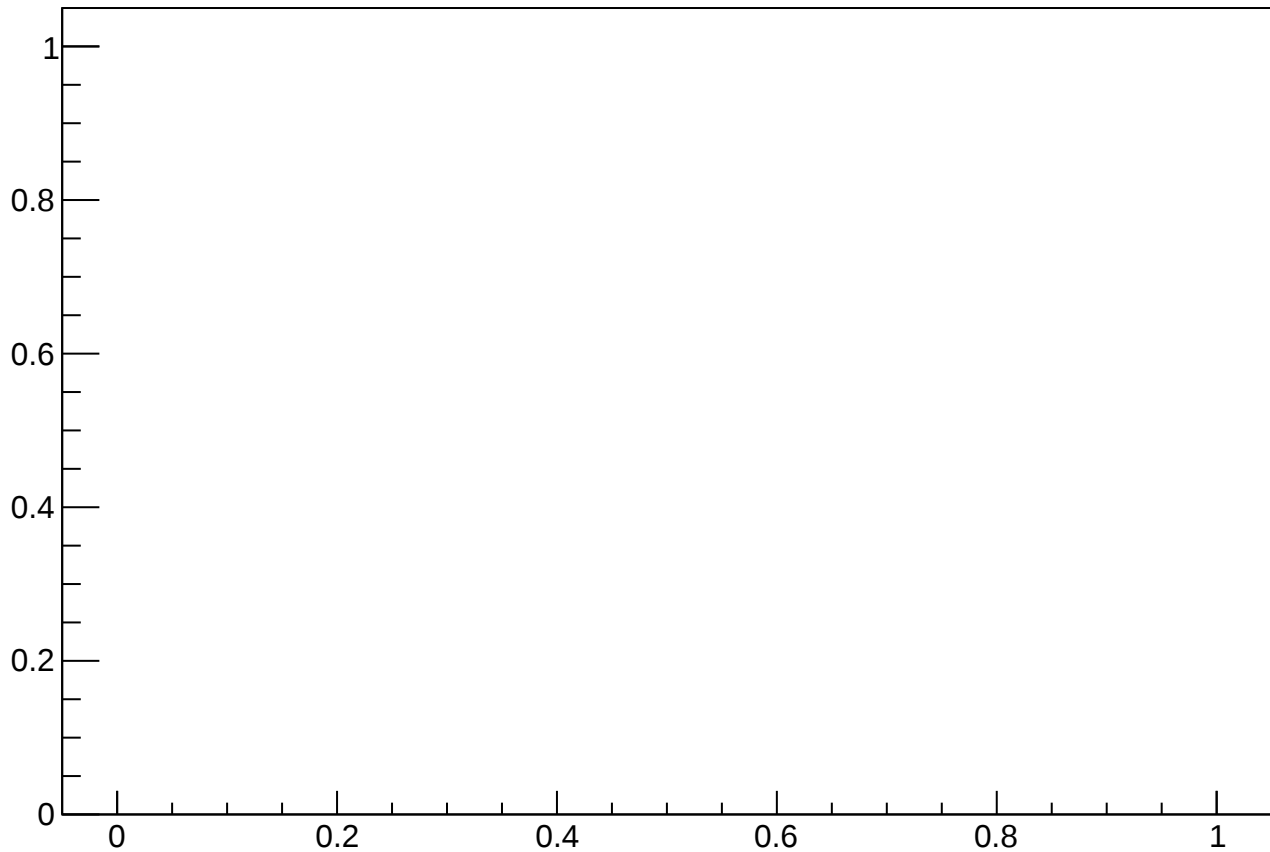
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

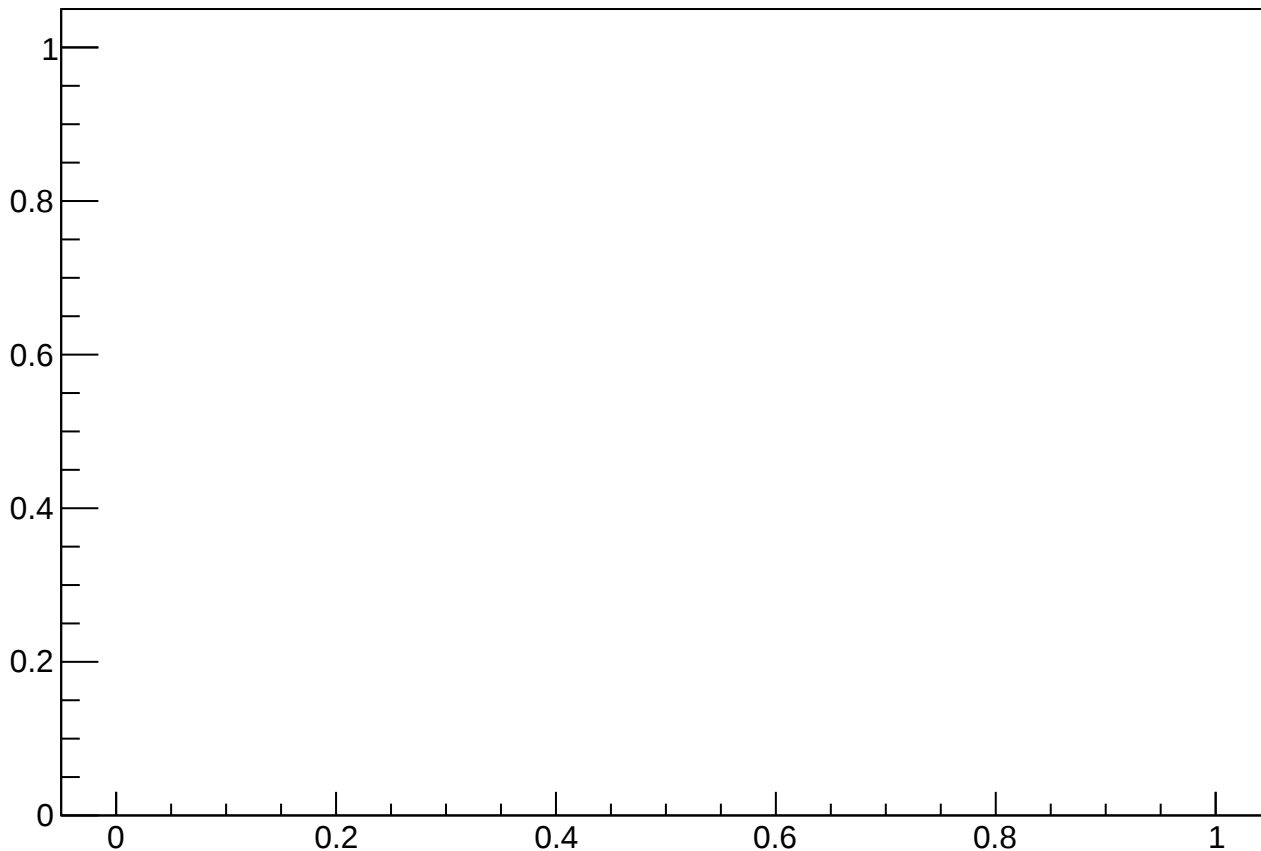
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

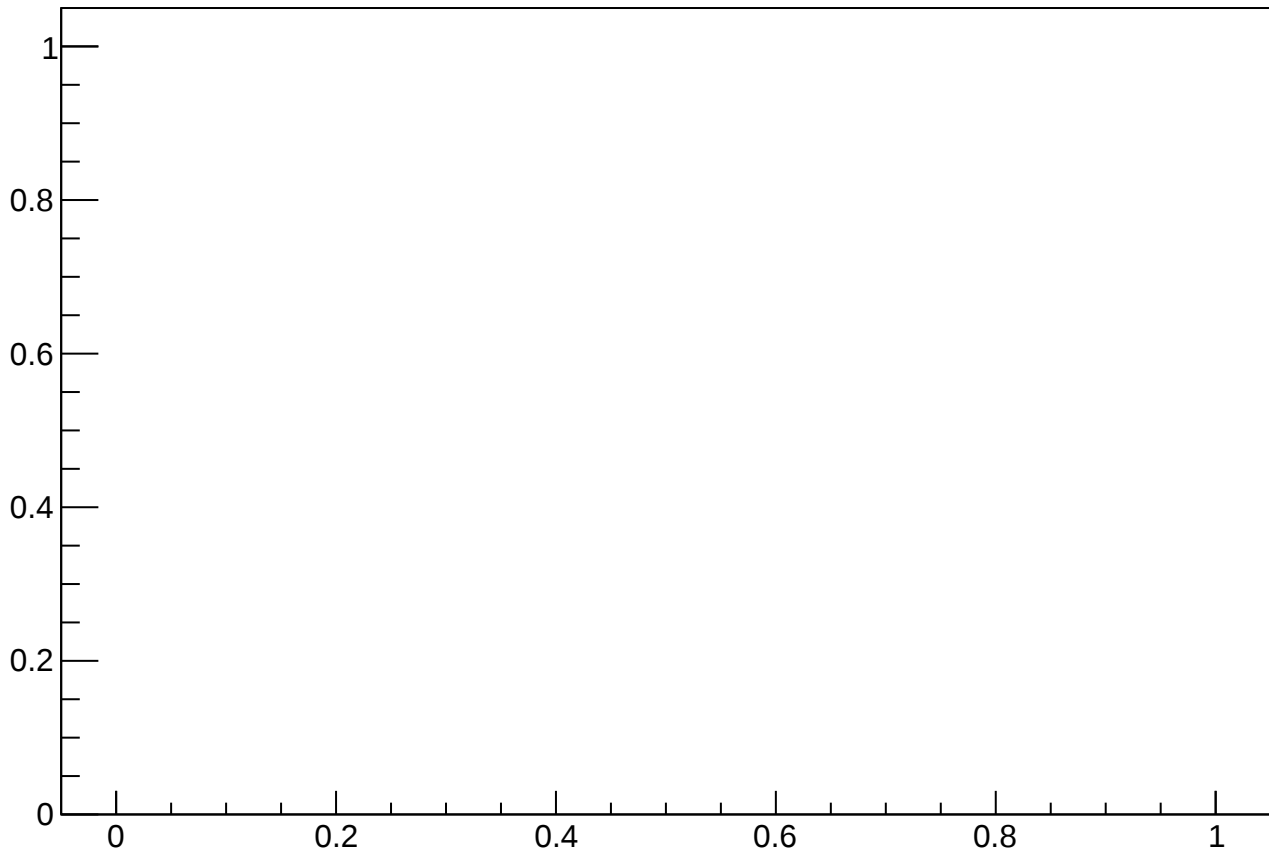
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

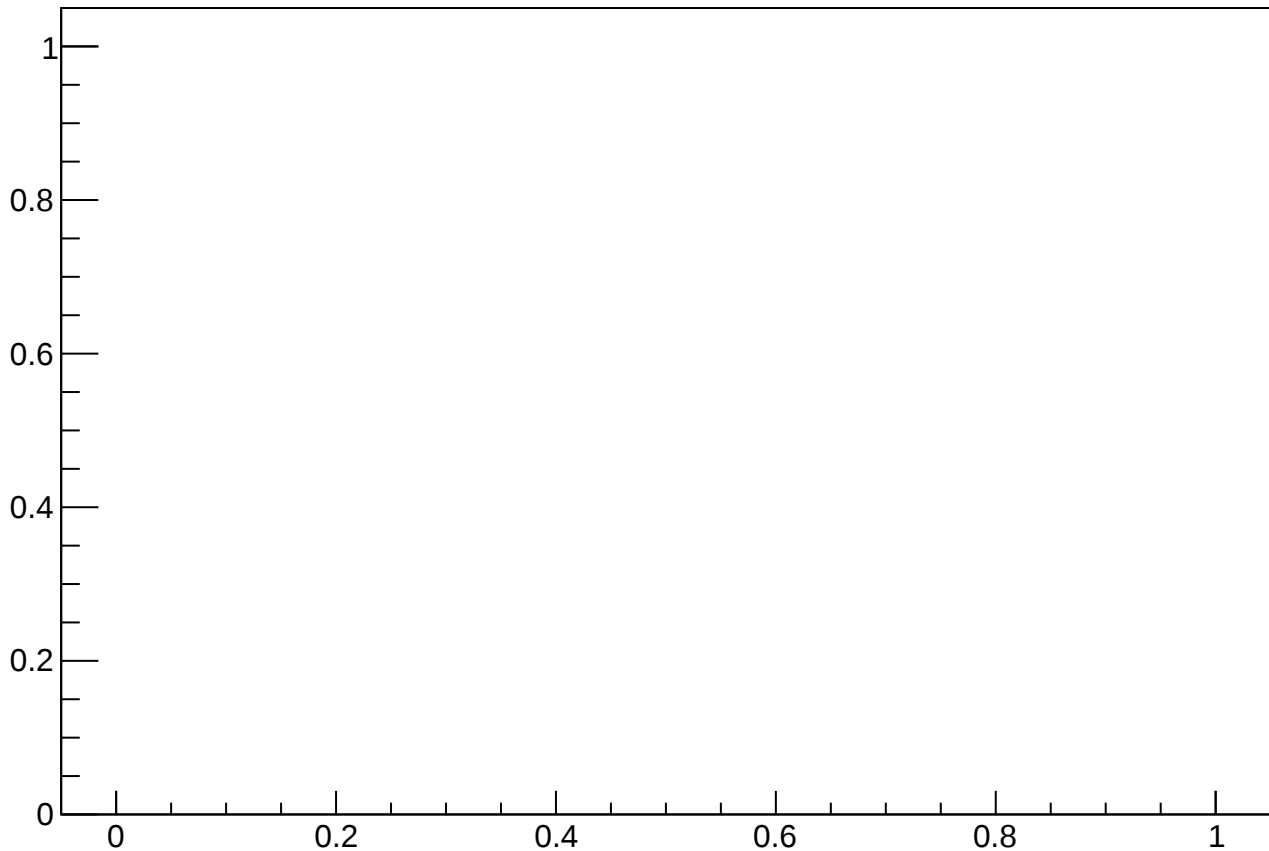
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

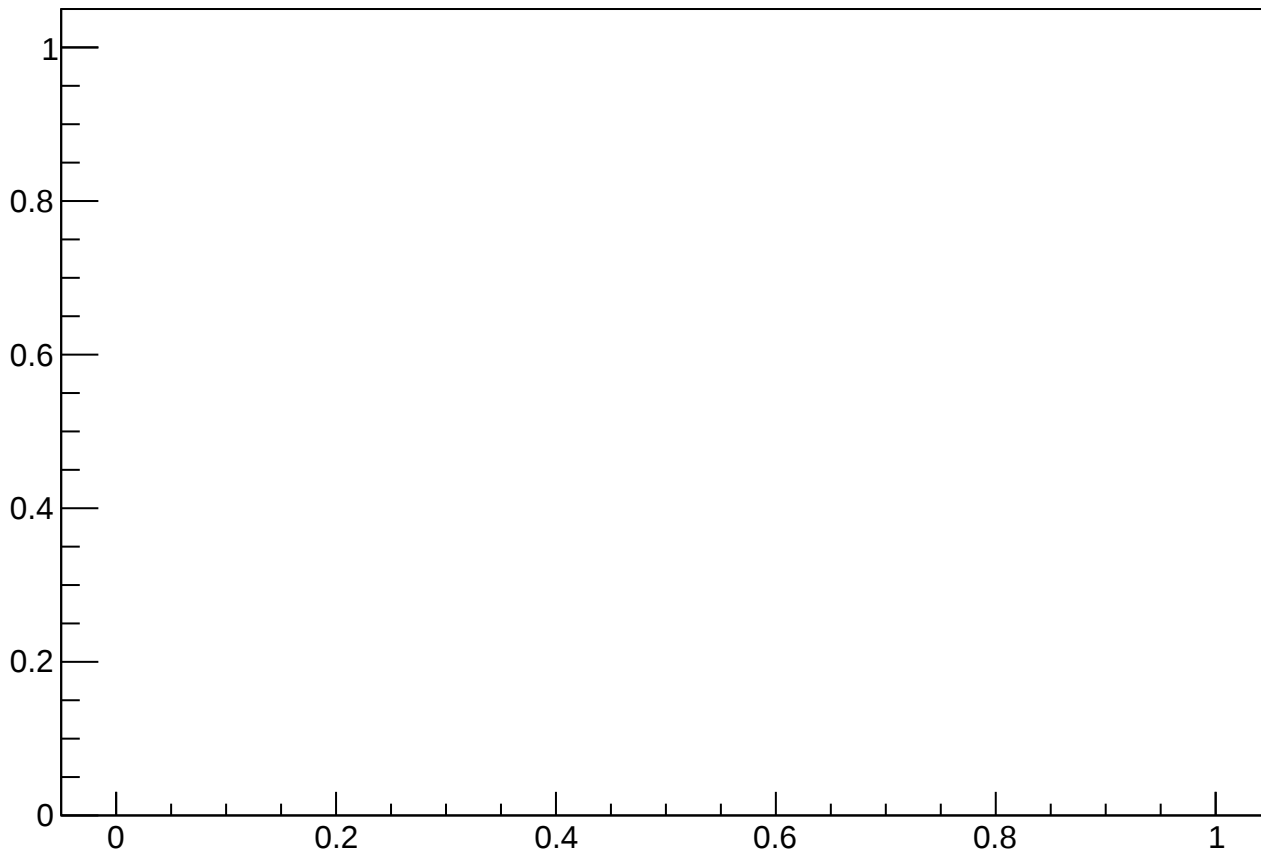
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

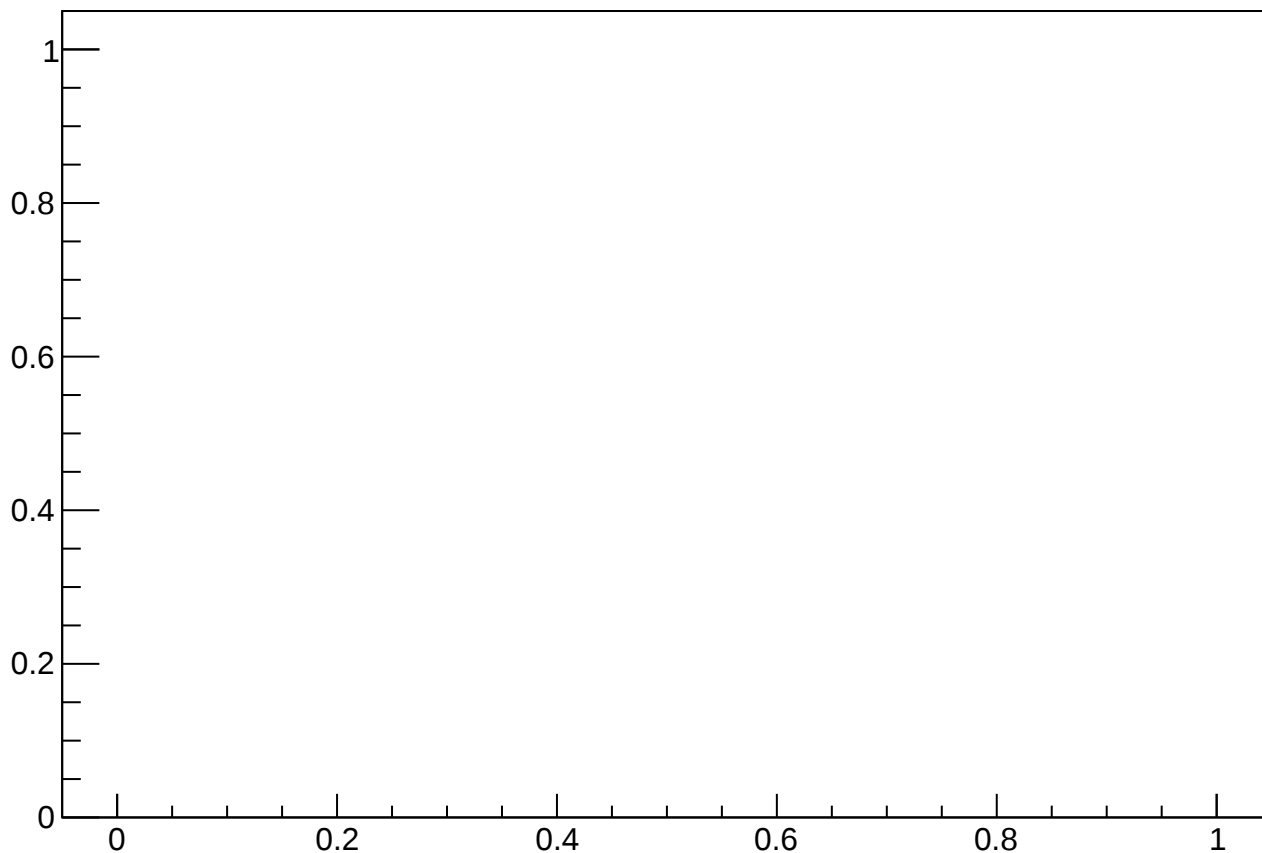
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

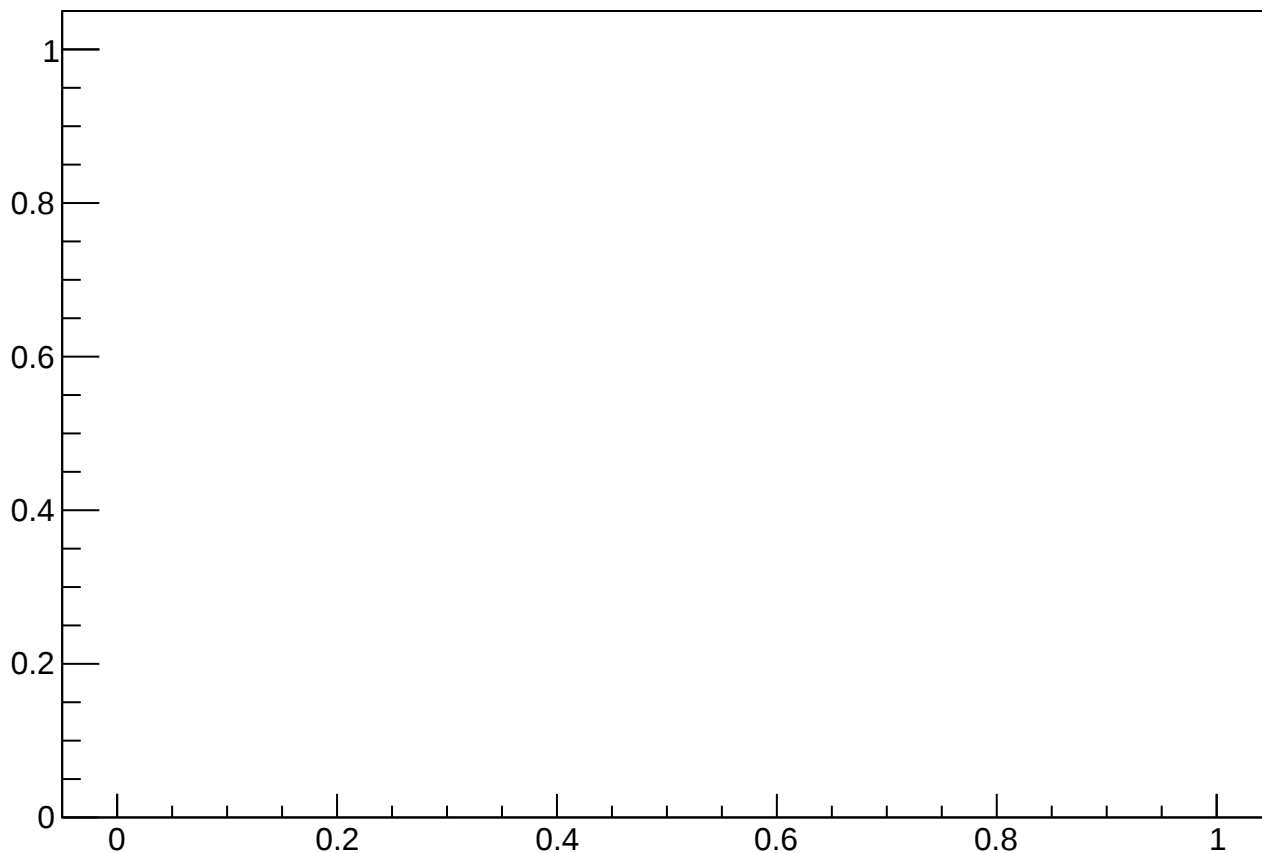
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

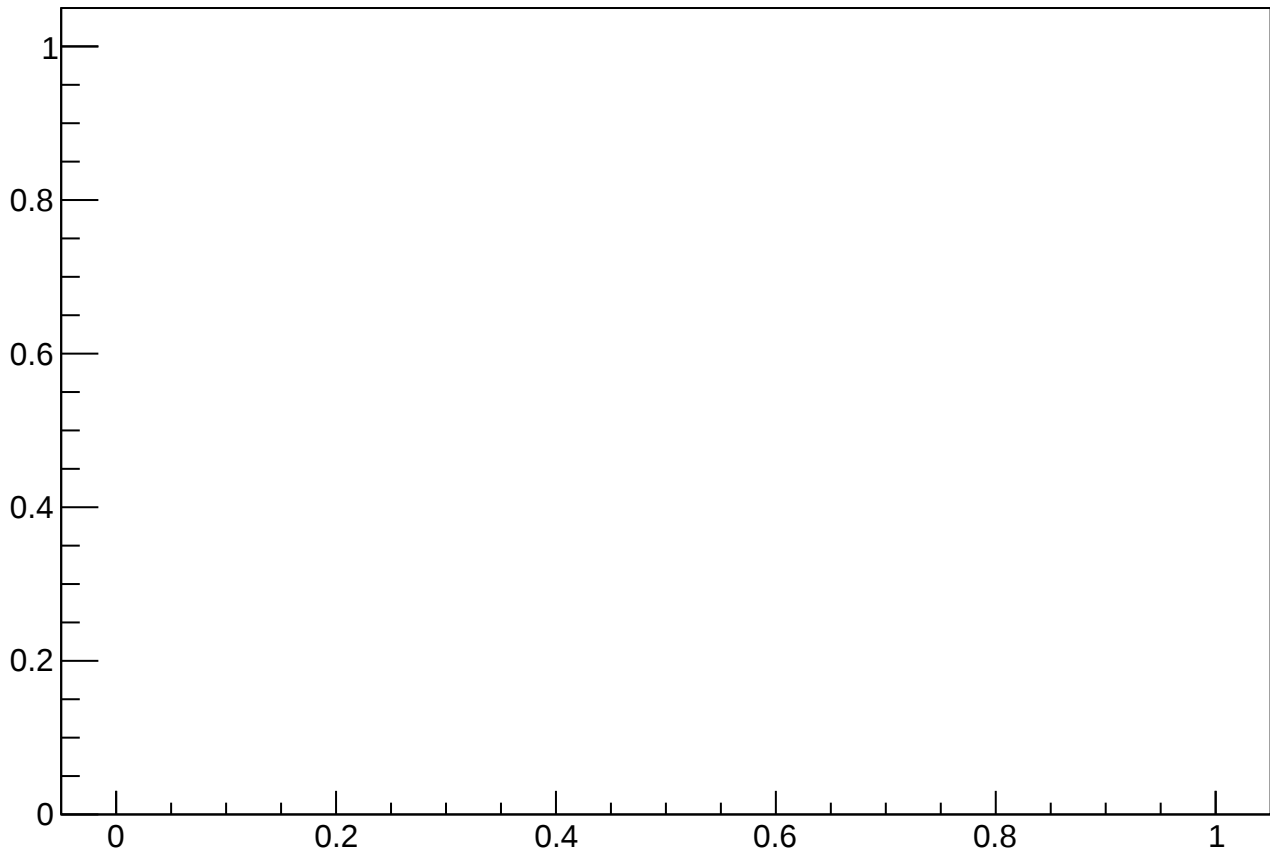
dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

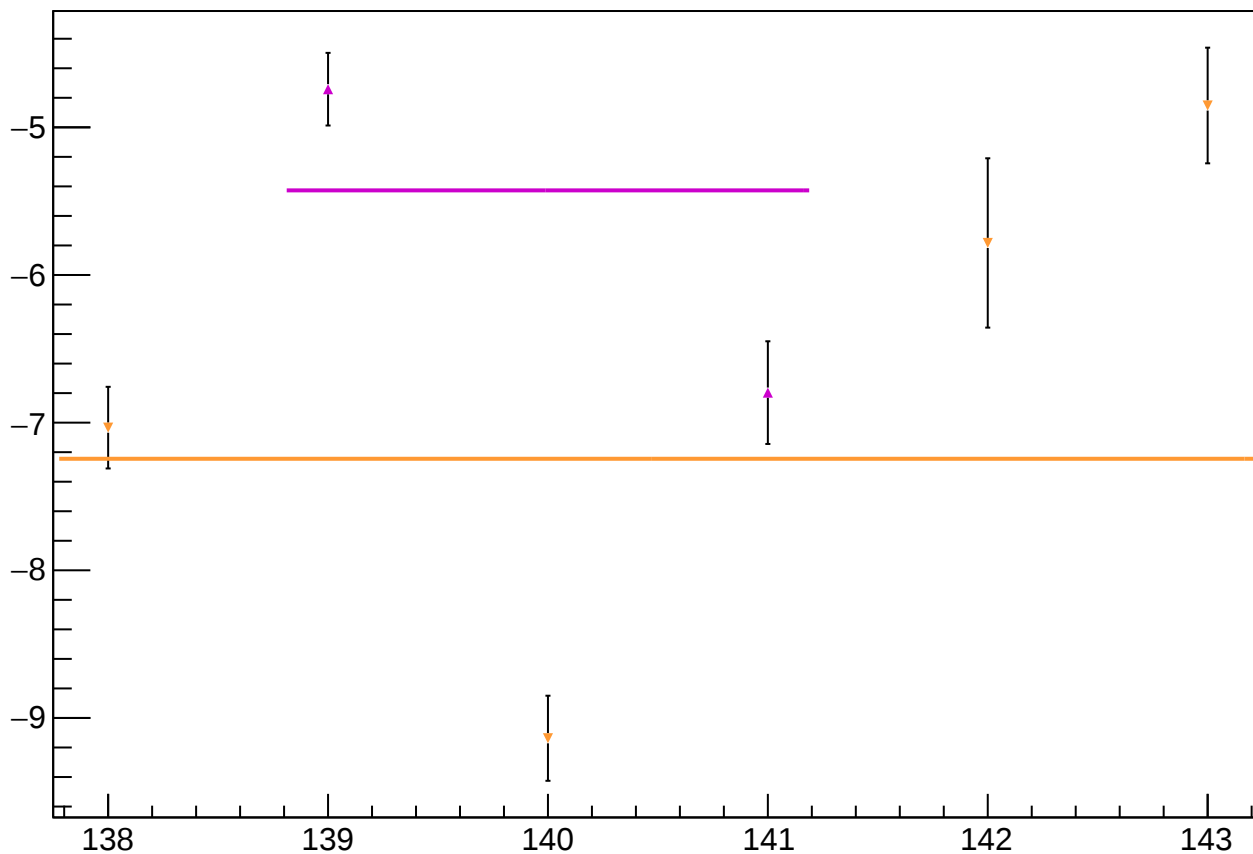
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -7.245+/-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

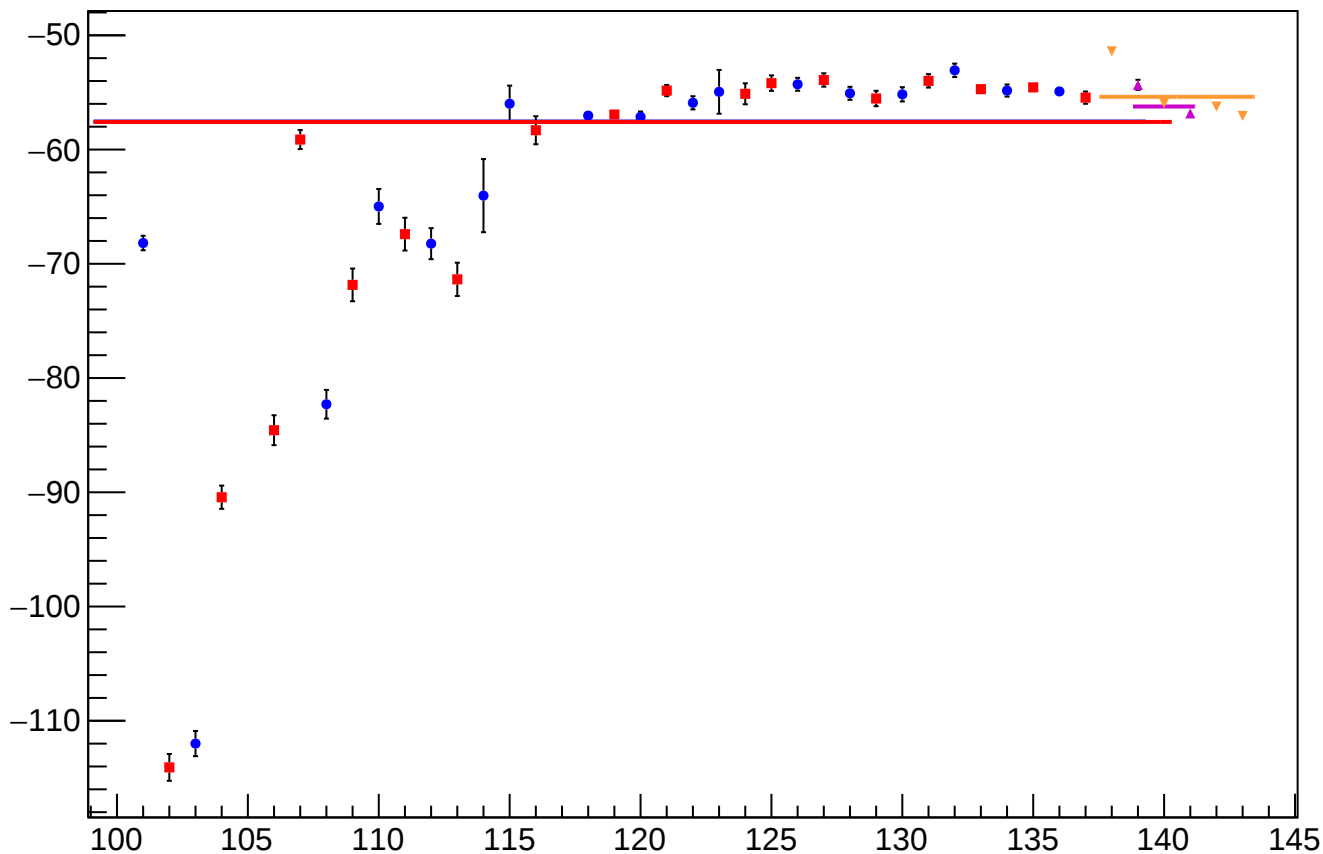
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.385 $\pm$ 0.145 χ^2 /NDF:200.8/3

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -56.232 $\pm$ 0.219 χ^2 /NDF:23.8/1

Left: -55.643 $\pm$ 0.121 χ^2 /NDF: 235.1/5

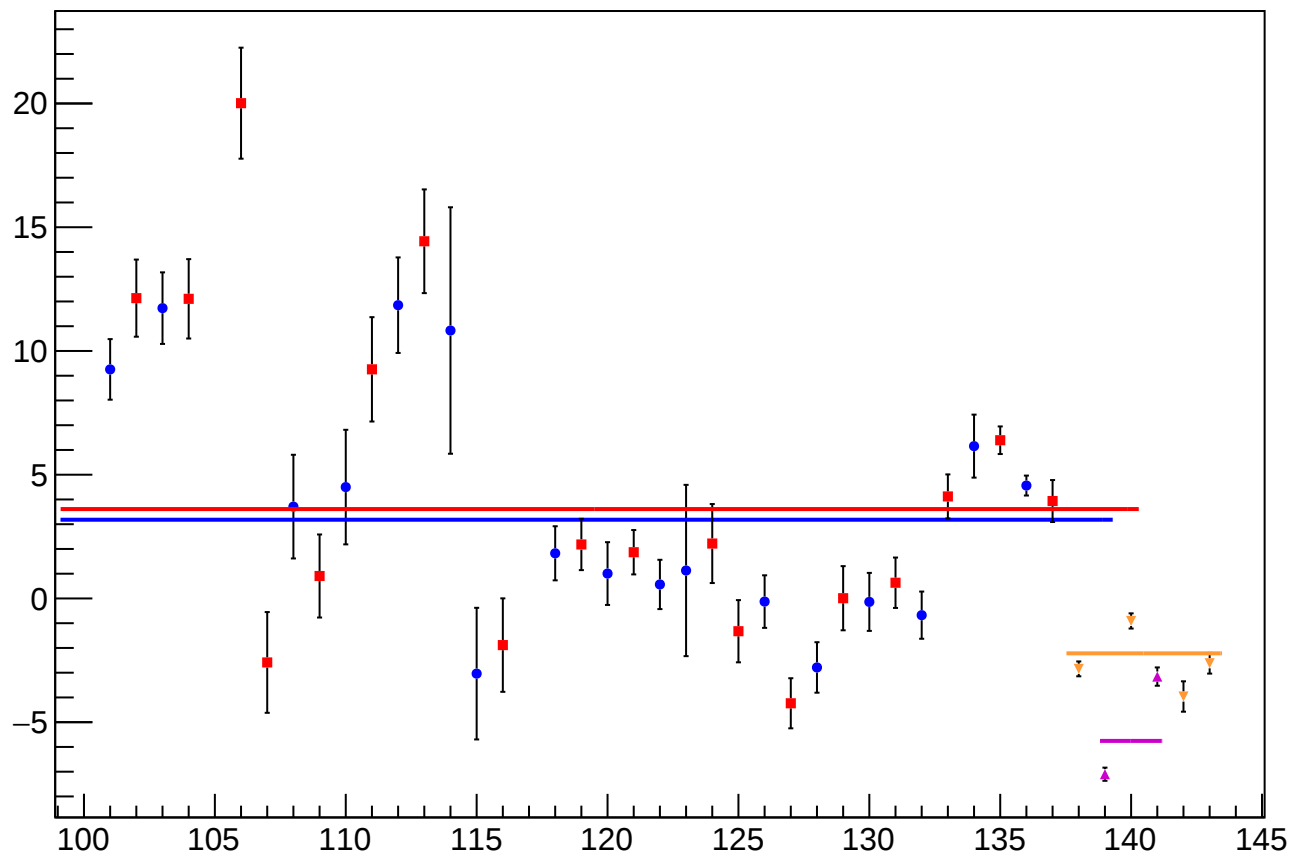
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -57.160 $\pm$ 0.119 χ^2 /NDF:3509.8/18

Out: -56.496 $\pm$ 0.102 χ^2 /NDF:4661.1/21

All: -56.777 $\pm$ 0.077 χ^2 /NDF: 8188.9/40

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -2.218 ± 0.182 χ^2/NDF : 31.6/3

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -5.756 ± 0.216 χ^2/NDF : 75.0/1

Left: -3.689 ± 0.139 χ^2/NDF : 263.2/5

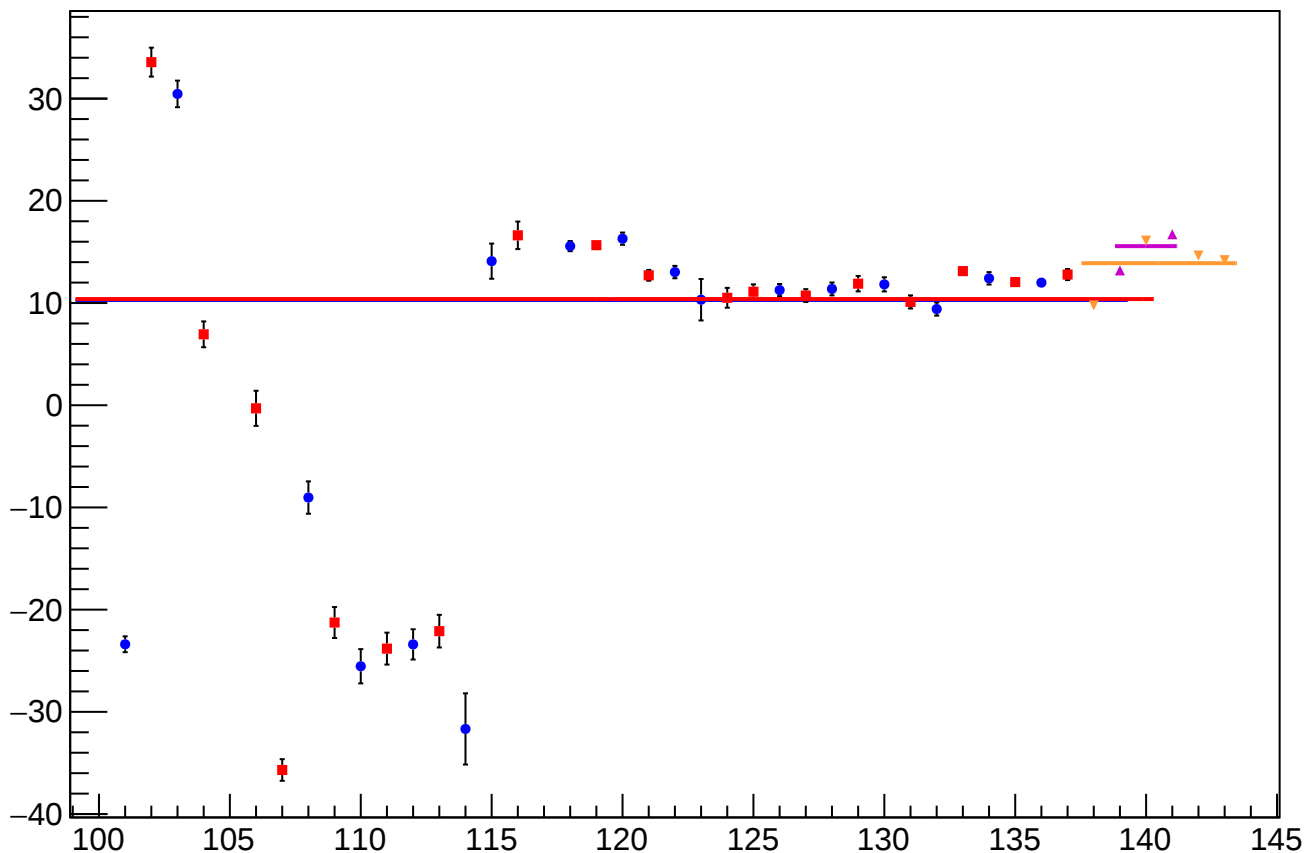
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -2.072 ± 0.166 χ^2/NDF : 965.6/18

Out: -0.372 ± 0.151 χ^2/NDF : 644.5/21

All: -1.142 ± 0.111 χ^2/NDF : 1667.6/40

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 13.899+/-0.170 χ^2/NDF :198.7/3

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 15.566+/-0.246 χ^2/NDF :45.8/1

Left: 14.439+/-0.140 χ^2/NDF : 275.6/5

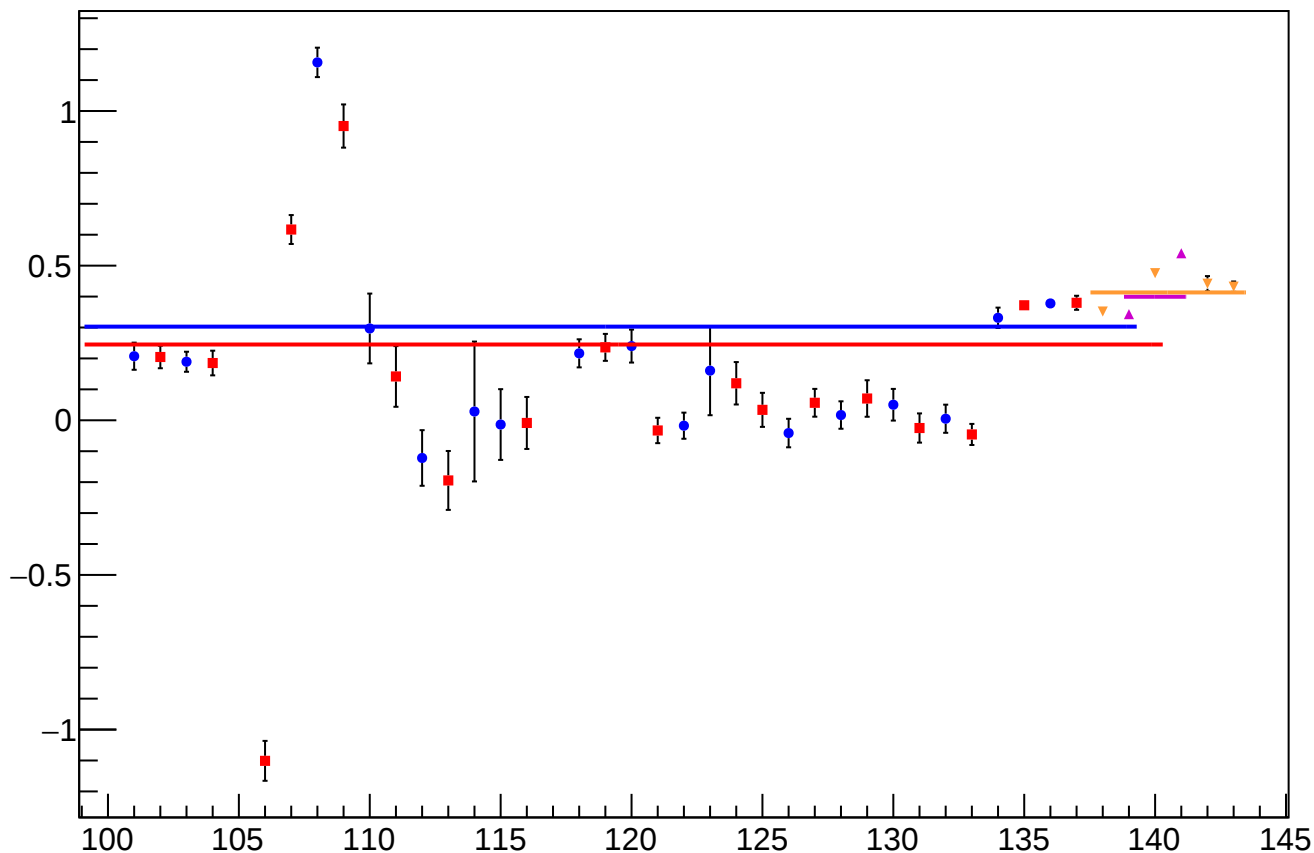
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 11.826+/-0.132 χ^2/NDF :4071.1/18

Out: 12.035+/-0.116 χ^2/NDF :4211.2/21

All: 11.944+/-0.087 χ^2/NDF : 8283.7/40

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: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

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

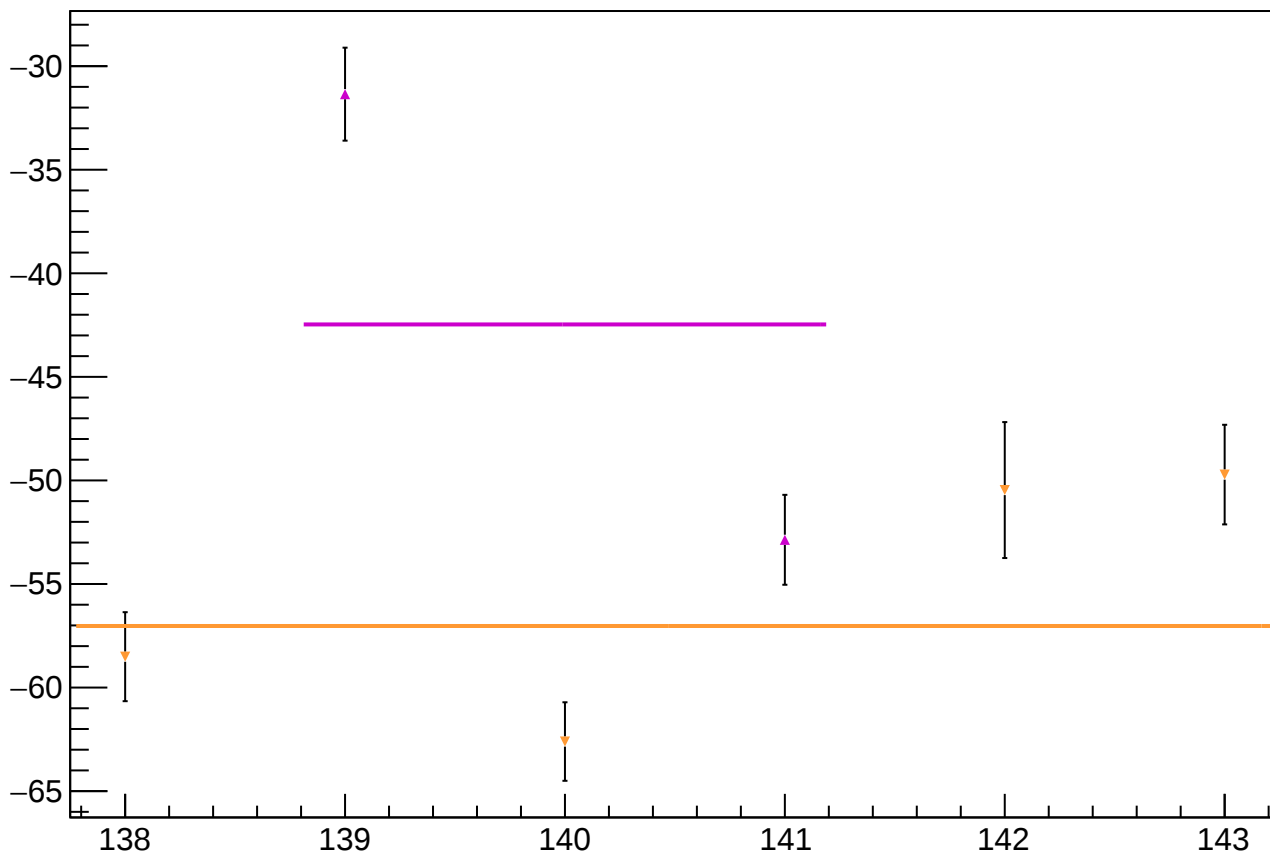
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.353 $\pm$ 0.006 χ^2 /NDF: 844.1/18

Out: 0.341 $\pm$ 0.006 χ^2 /NDF: 1231.2/21

All: 0.347 $\pm$ 0.004 χ^2 /NDF: 2077.3/40

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

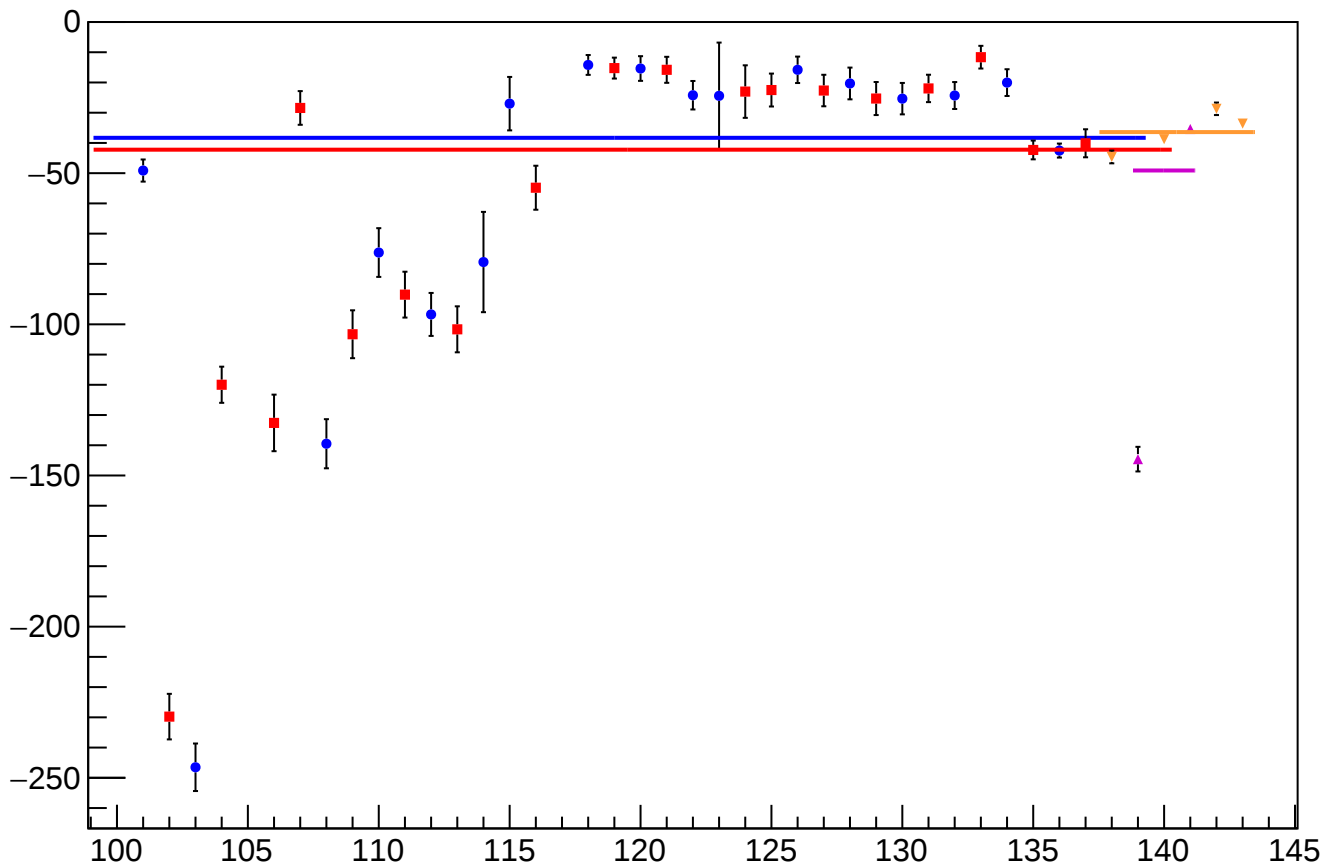
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -36.408 ± 0.896 $\chi^2/\text{NDF}: 34.3/3$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -49.110 ± 1.443 $\chi^2/\text{NDF}: 629.1/1$

Left: -39.943 ± 0.761 $\chi^2/\text{NDF}: 719.3/5$

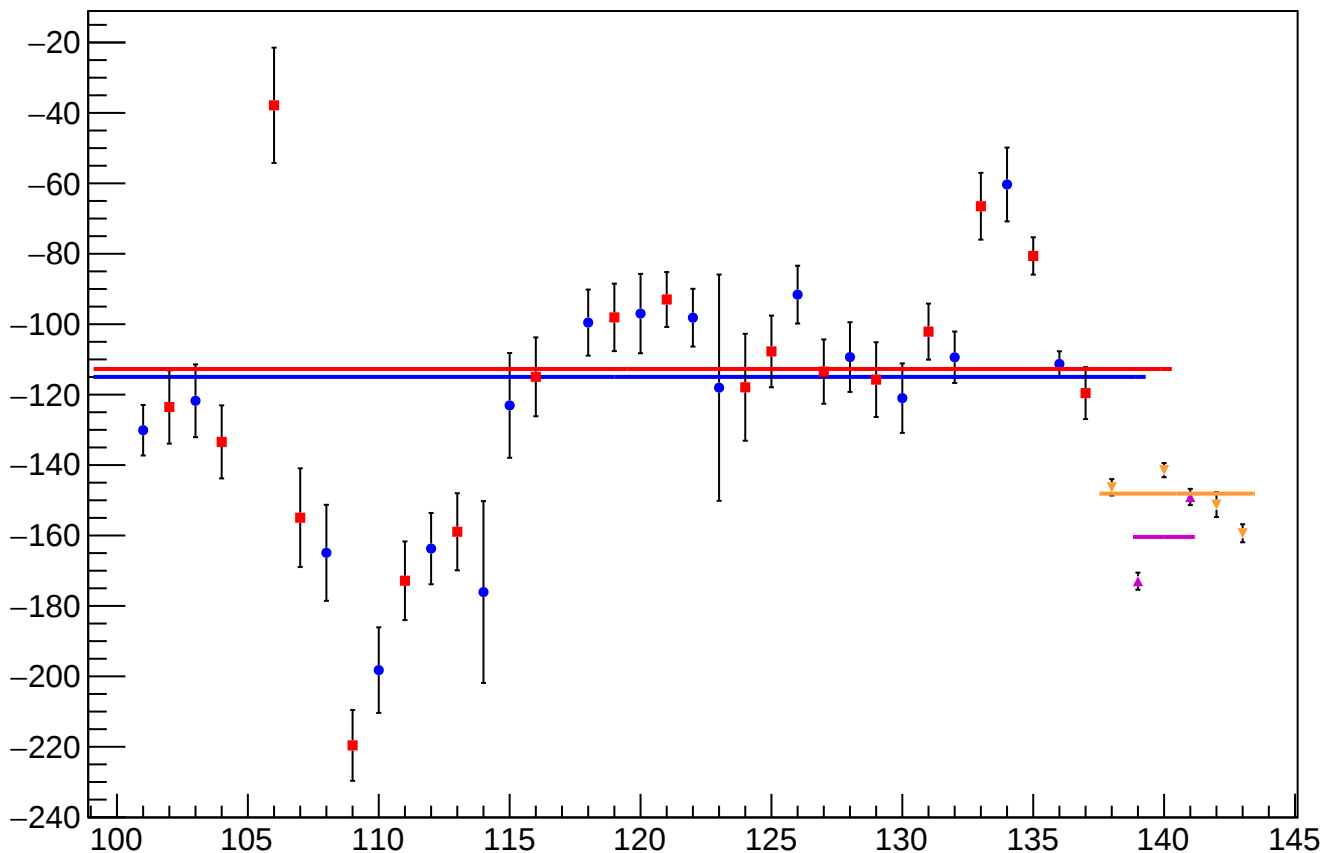
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -42.447 ± 0.894 $\chi^2/\text{NDF}: 1796.4/18$

Out: -38.472 ± 0.720 $\chi^2/\text{NDF}: 1327.4/21$

All: -40.037 ± 0.561 $\chi^2/\text{NDF}: 3135.8/40$

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: -112.713+/-2.210 χ^2/NDF : 267.1/17

Left In: -160.415+/-1.673 χ^2/NDF : 51.0/1

Left: -152.416+/-0.990 χ^2/NDF : 117.8/5

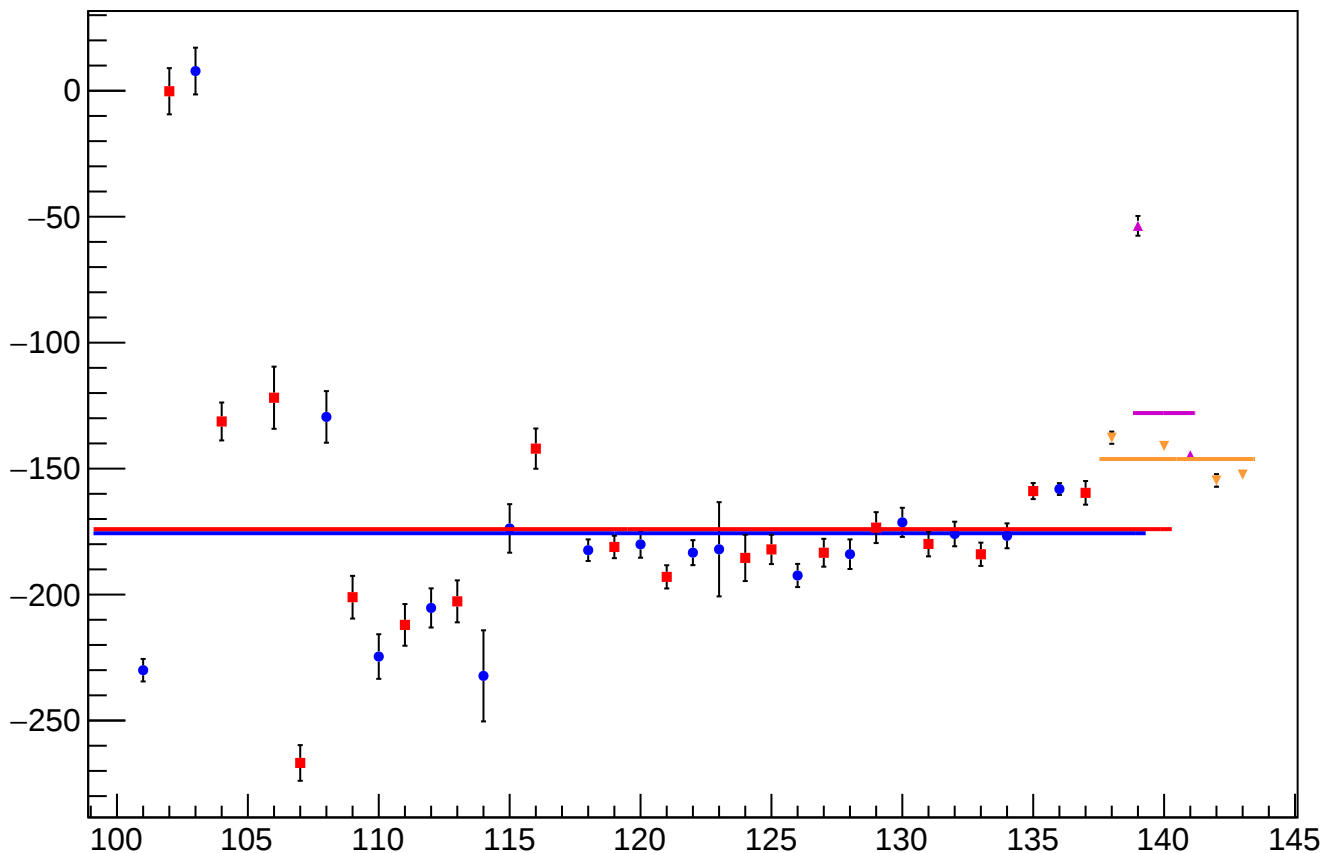
Right: -113.912+/-1.513 χ^2/NDF : 409.1/34

In: -142.510+/-1.302 χ^2/NDF : 483.2/18

Out: -139.756+/-1.074 χ^2/NDF : 494.6/21

All: -140.870+/-0.828 χ^2/NDF : 980.5/40

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -146.191 ± 1.073 χ^2/NDF : 41.1/3

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -127.946 ± 1.681 χ^2/NDF : 440.0/1

Left: -140.911 ± 0.904 χ^2/NDF : 564.9/5

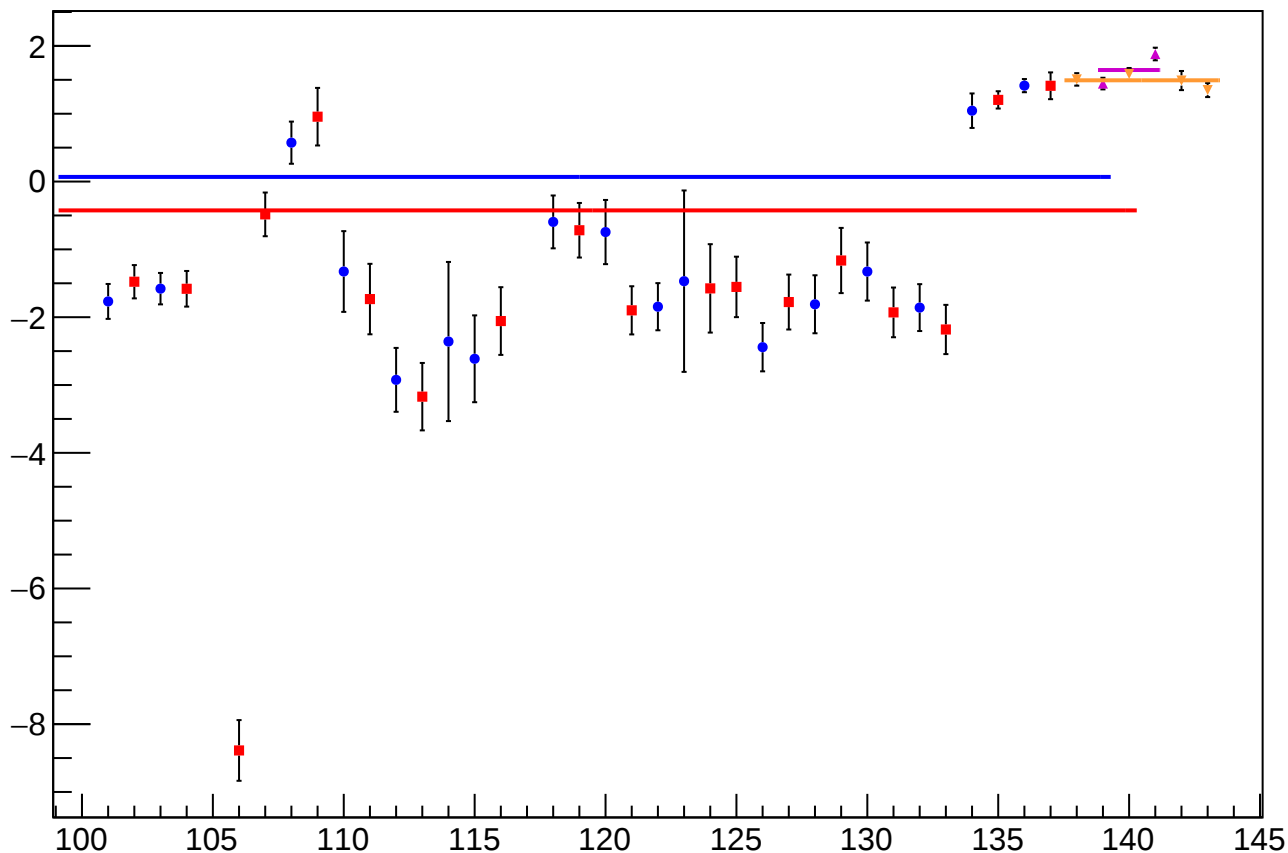
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -158.328 ± 1.013 χ^2/NDF : 1645.2/18

Out: -156.911 ± 0.841 χ^2/NDF : 1004.0/21

All: -157.489 ± 0.647 χ^2/NDF : 2650.3/40

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.493 ± 0.051 χ^2/NDF : 3.1/3

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.645 ± 0.063 χ^2/NDF : 11.8/1

Left: 1.552 ± 0.039 χ^2/NDF : 18.4/5

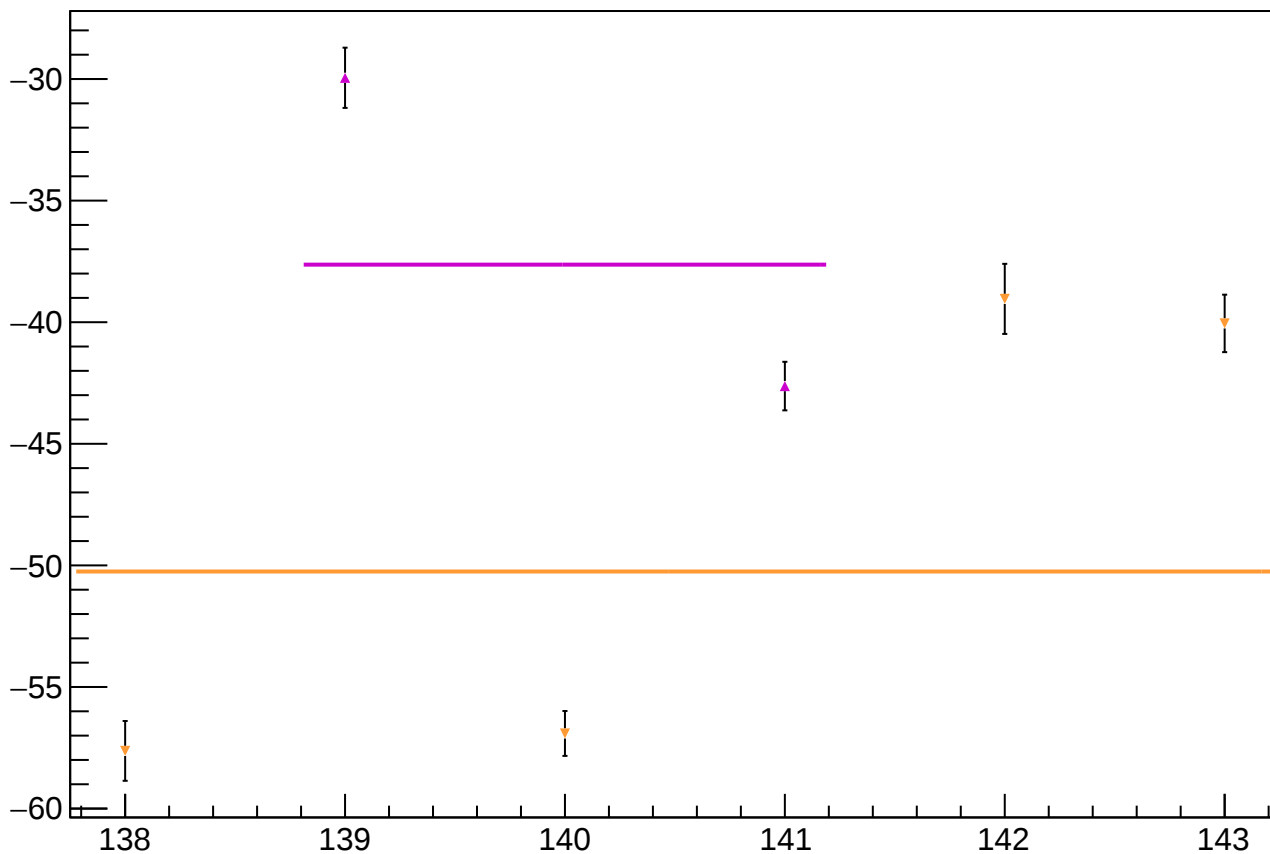
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 0.903 ± 0.046 χ^2/NDF : 830.6/18

Out: 0.850 ± 0.041 χ^2/NDF : 1227.8/21

All: 0.873 ± 0.031 χ^2/NDF : 2059.1/40

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

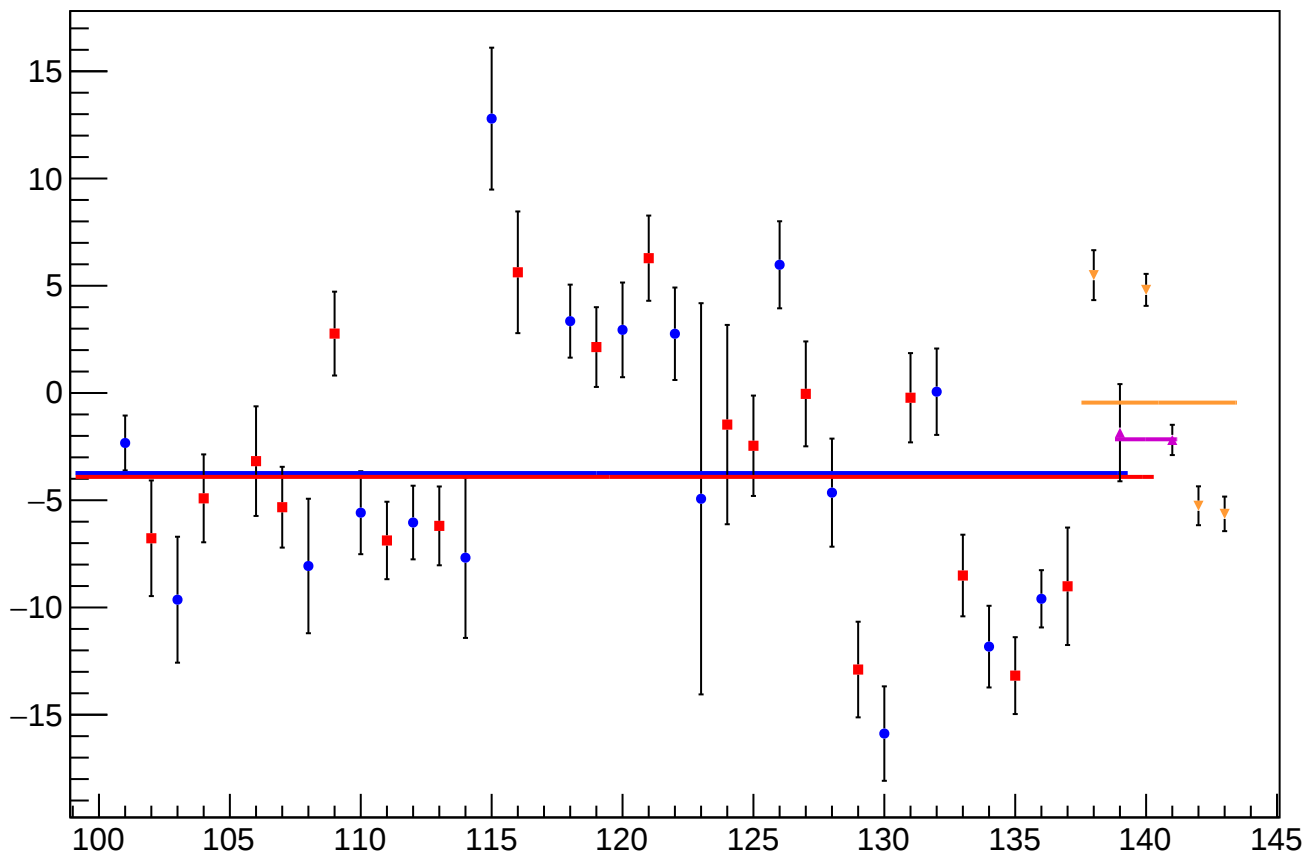
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -2.159 ± 0.674 χ^2/NDF : 0.0/1

Left: -0.951 ± 0.365 χ^2/NDF : 150.0/5

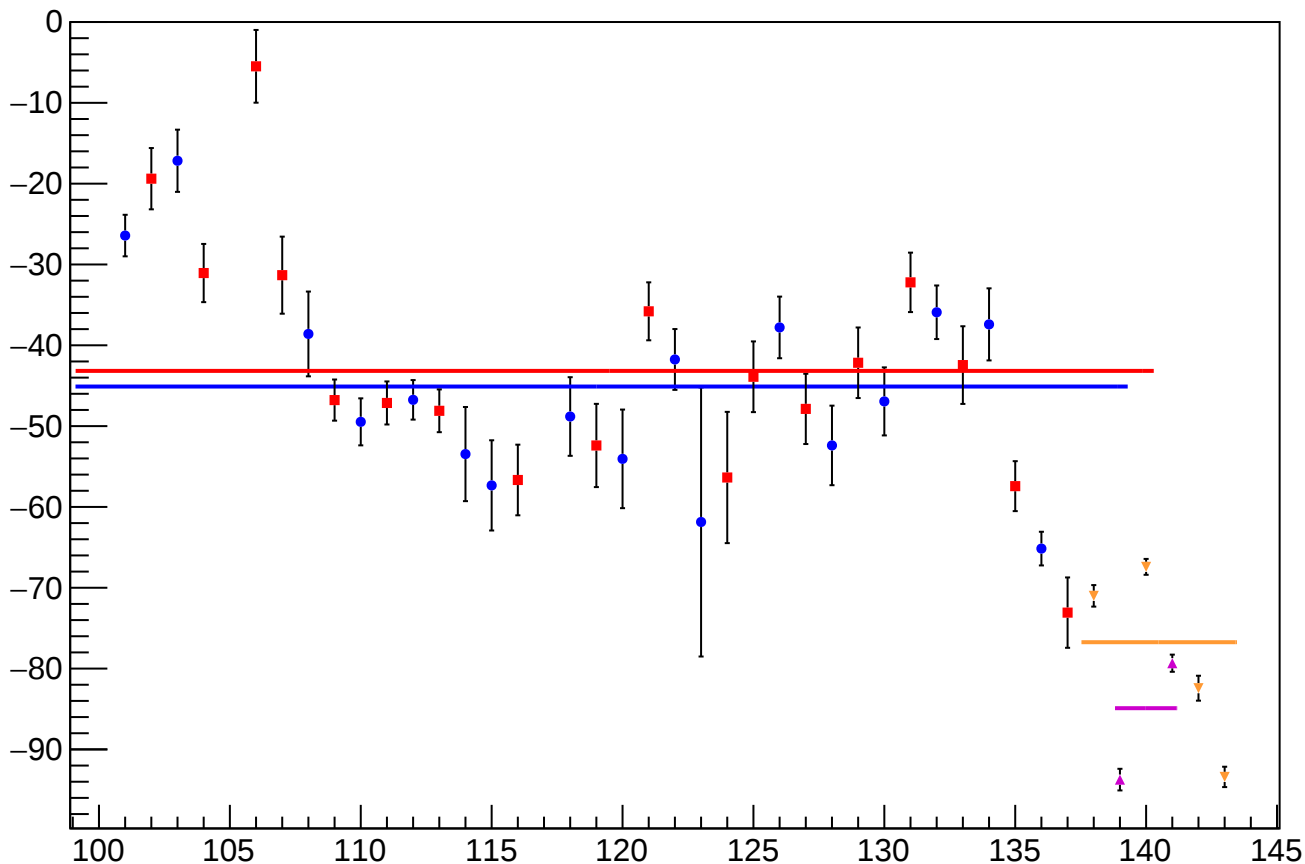
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -3.179 ± 0.399 χ^2/NDF : 169.4/18

Out: -1.915 ± 0.330 χ^2/NDF : 297.1/21

All: -2.428 ± 0.254 χ^2/NDF : 472.4/40

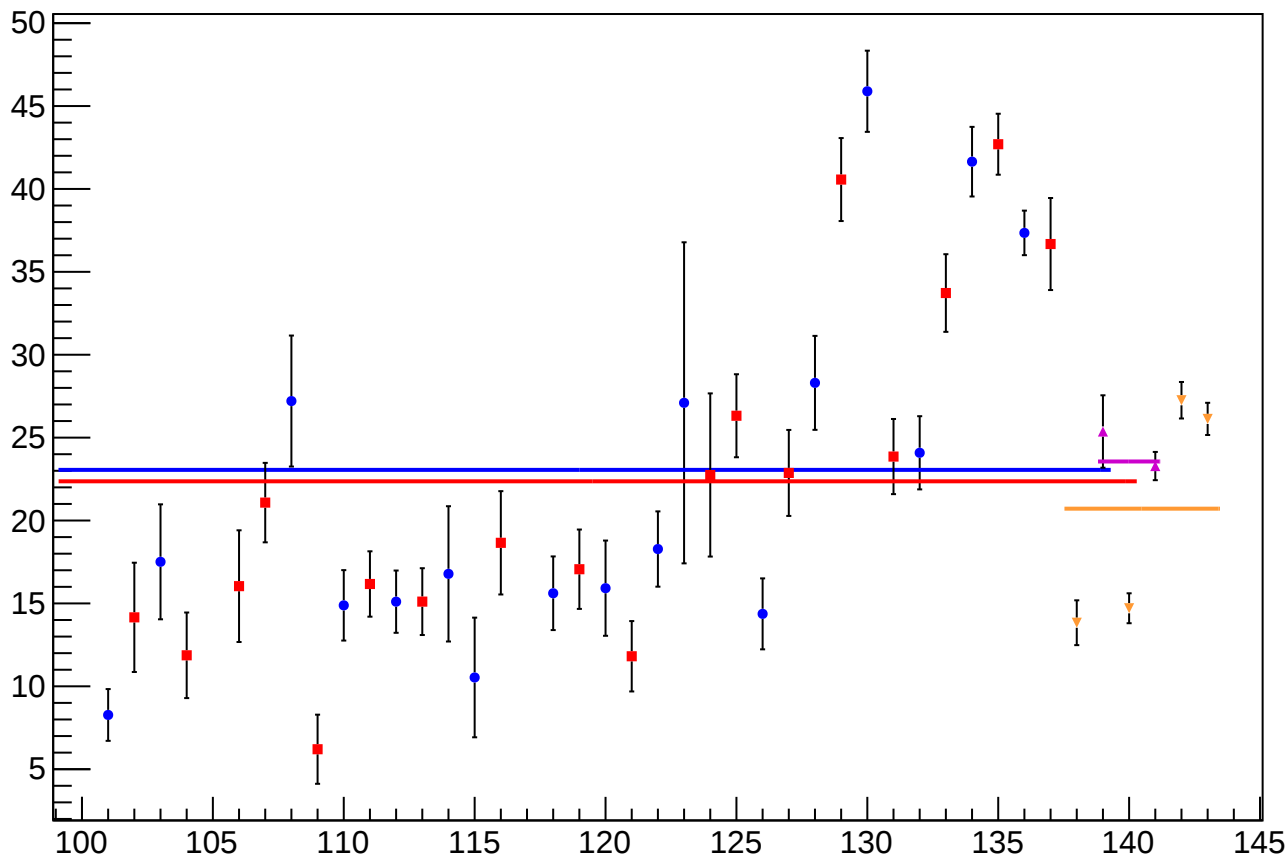
reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16
 Left Out: -76.737 ± 0.614 χ^2/NDF : 297.2/3
 Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17
 Left In: -84.901 ± 0.832 χ^2/NDF : 71.1/1

Left: -79.619 ± 0.494 χ^2/NDF : 430.7/5
 Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34
 In: -66.184 ± 0.605 χ^2/NDF : 1378.9/18
 Out: -65.725 ± 0.504 χ^2/NDF : 1509.9/21
 All: -65.913 ± 0.387 χ^2/NDF : 2889.1/40

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 20.715 $\pm$ 0.523 χ^2 /NDF:136.5/3

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

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

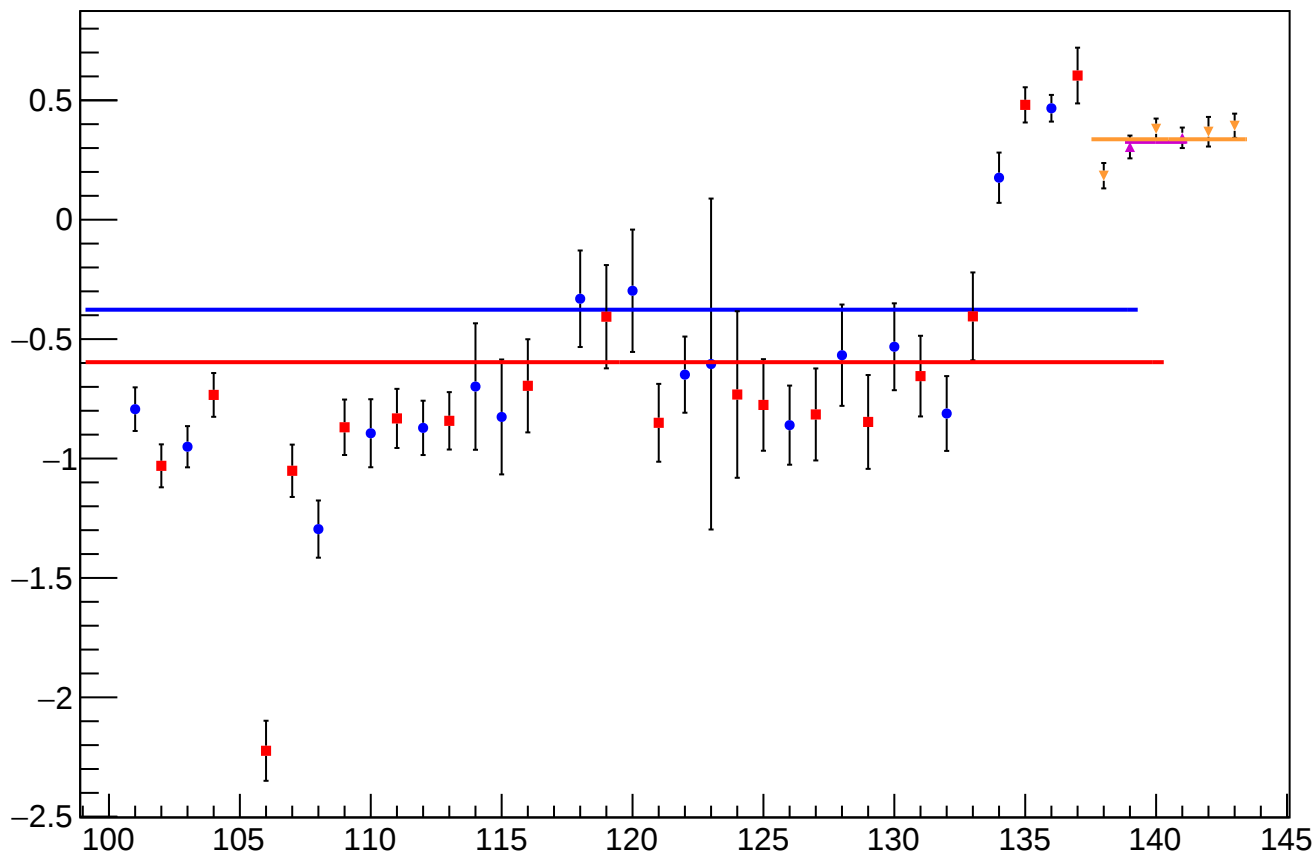
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 23.222 $\pm$ 0.456 χ^2 /NDF:462.2/18

Out: 21.465 $\pm$ 0.386 χ^2 /NDF:509.8/21

All: 22.199 $\pm$ 0.295 χ^2 /NDF: 980.7/40

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: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.326 ± 0.032 $\chi^2/\text{NDF}: 0.4/1$

Left: 0.333 ± 0.020 $\chi^2/\text{NDF}: 11.2/5$

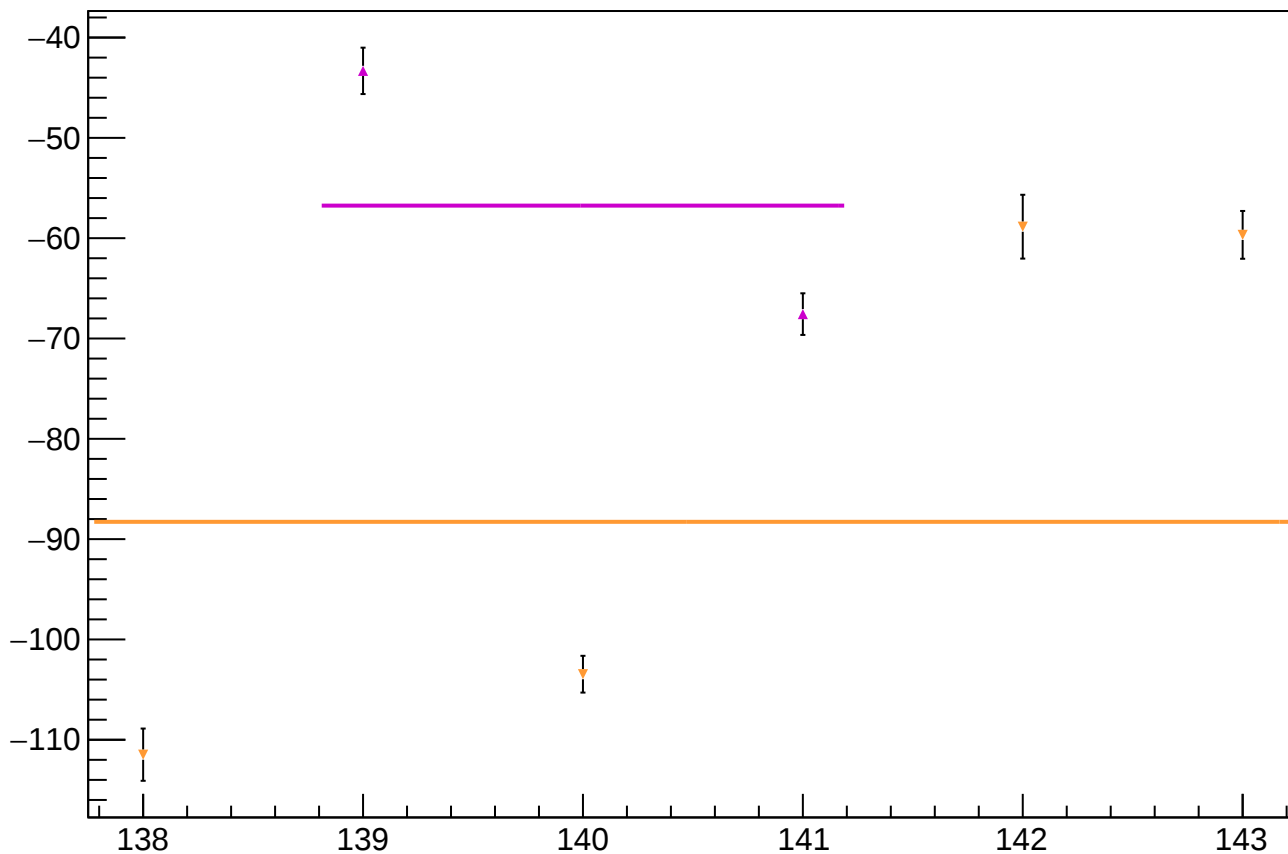
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: -0.046 ± 0.022 $\chi^2/\text{NDF}: 694.3/18$

Out: -0.050 ± 0.019 $\chi^2/\text{NDF}: 1120.2/21$

All: -0.048 ± 0.015 $\chi^2/\text{NDF}: 1814.5/40$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

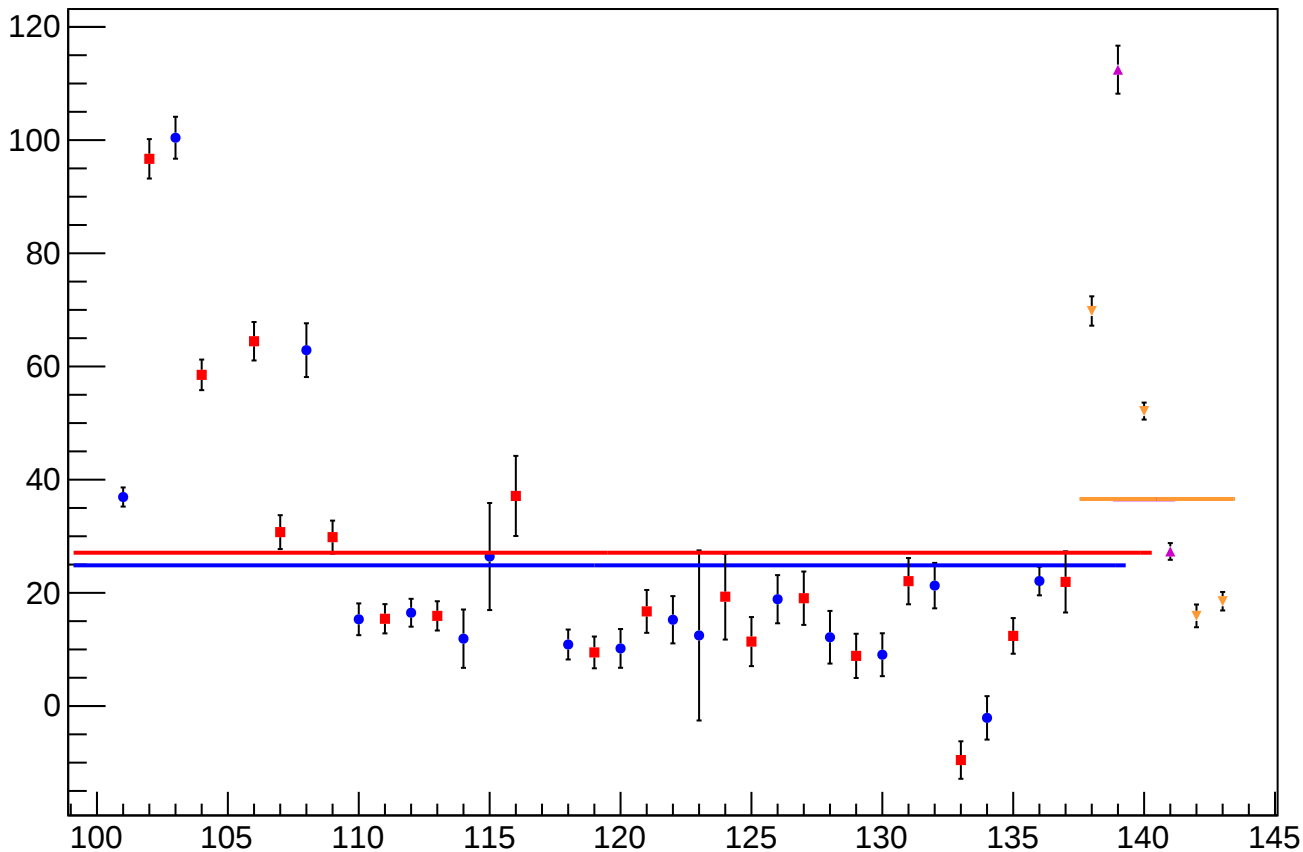
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 36.588 ± 0.907 χ^2/NDF : 498.8/3

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 36.525 ± 1.395 χ^2/NDF : 359.1/1

Left: 36.569 ± 0.761 χ^2/NDF : 857.9/5

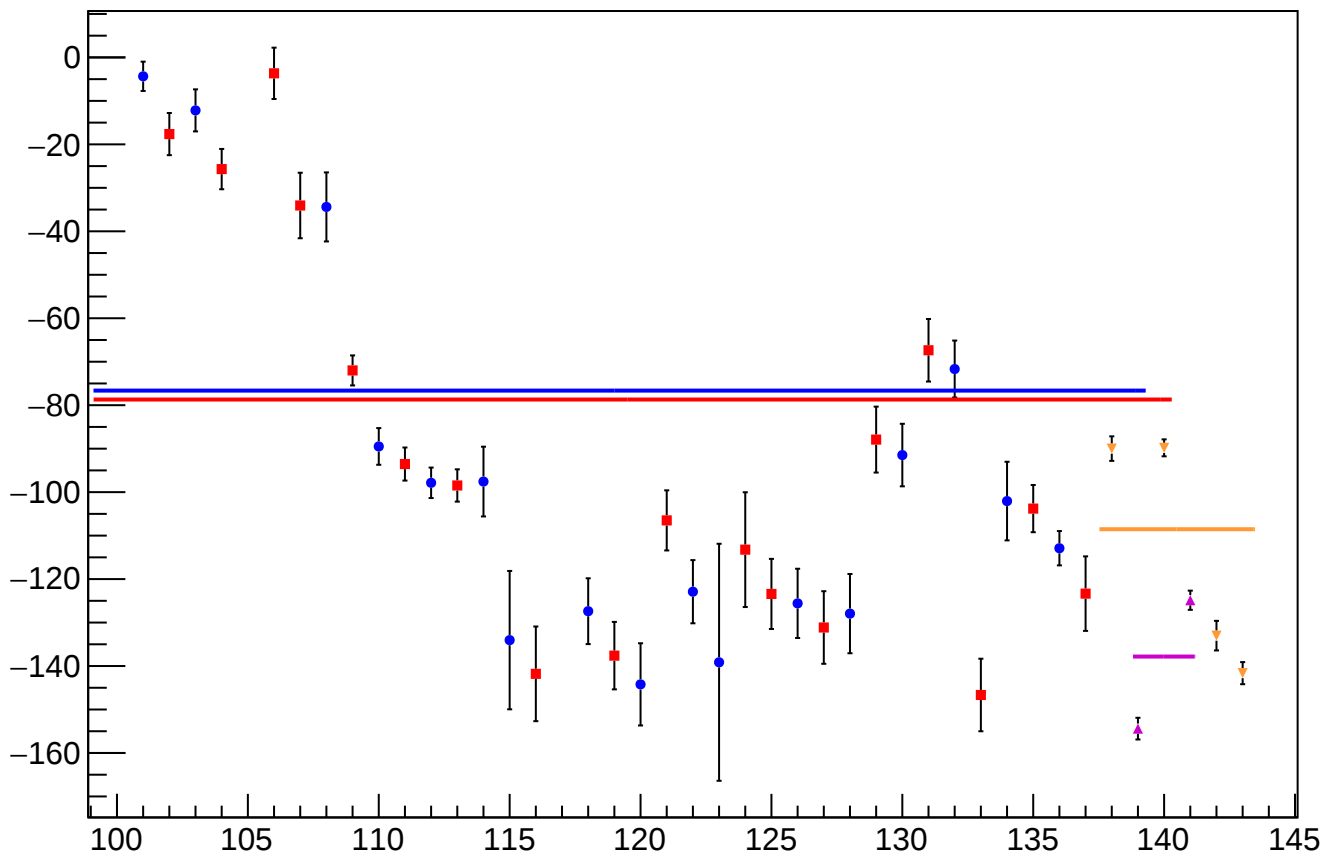
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 27.759 ± 0.695 χ^2/NDF : 1102.6/18

Out: 31.313 ± 0.605 χ^2/NDF : 1490.6/21

All: 29.782 ± 0.456 χ^2/NDF : 2608.1/40

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -108.529 ± 1.261 χ^2/NDF : 356.5/3

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -137.819 ± 1.653 χ^2/NDF : 78.6/1

Left: -119.302 ± 1.003 χ^2/NDF : 633.6/5

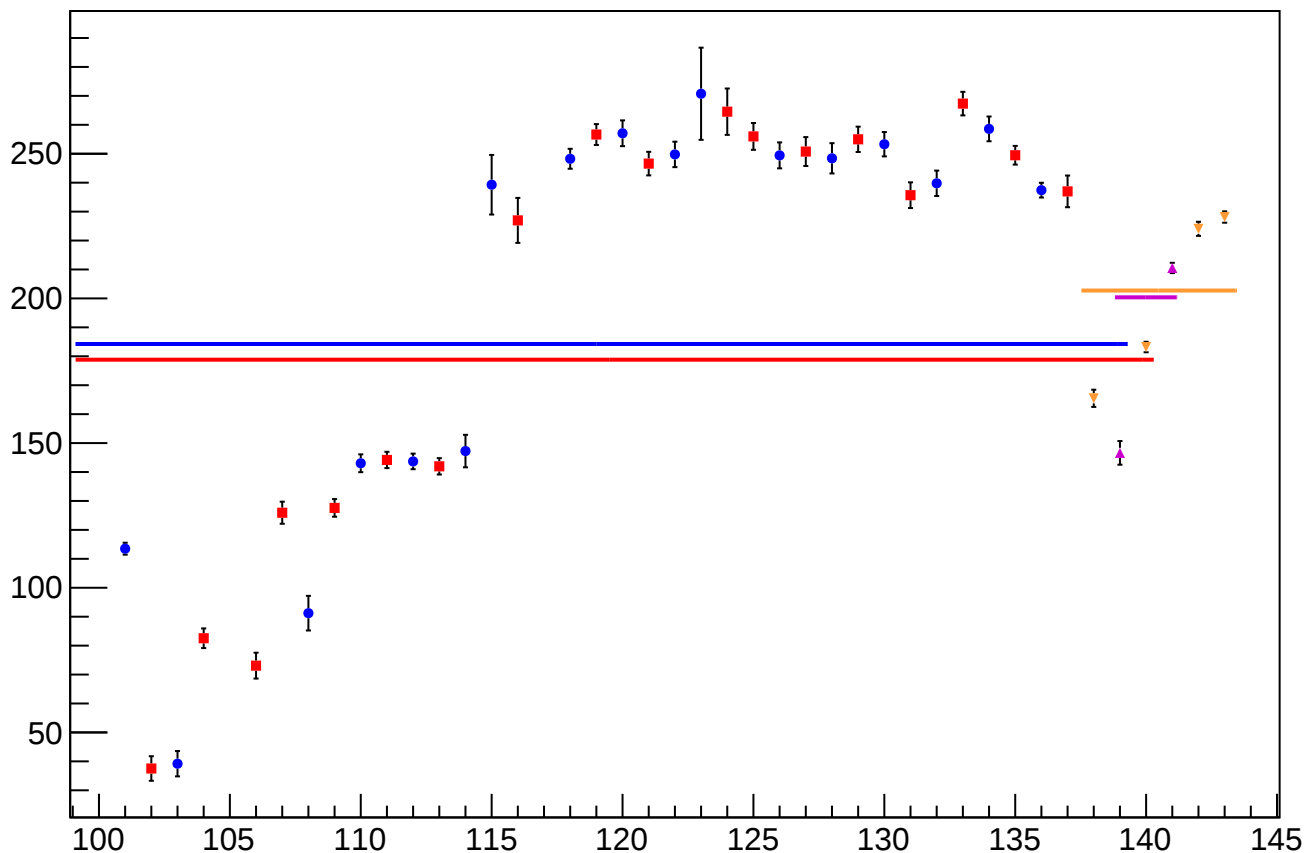
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -102.506 ± 1.075 χ^2/NDF : 1909.9/18

Out: -94.737 ± 0.925 χ^2/NDF : 1451.8/21

All: -98.041 ± 0.701 χ^2/NDF : 3391.7/40

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 202.722 $\pm$ 1.087 χ^2 /NDF: 517.3/3

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

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

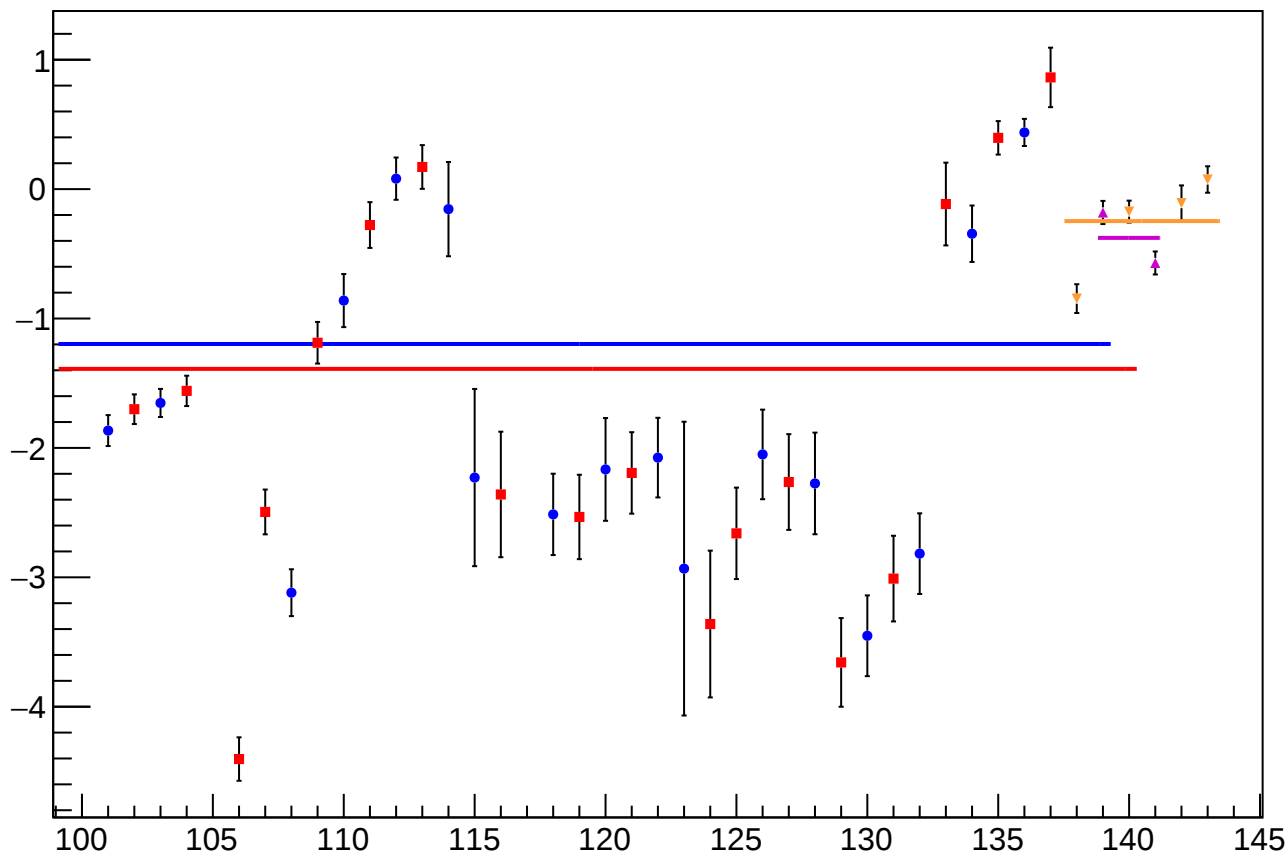
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 188.111 $\pm$ 0.798 χ^2 /NDF: 5668.3/18

Out: 188.867 $\pm$ 0.705 χ^2 /NDF: 6968.4/21

All: 188.535 $\pm$ 0.528 χ^2 /NDF: 12637.2/40

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.247 ± 0.052 χ^2/NDF : 40.7/3

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.377 ± 0.063 χ^2/NDF : 9.6/1

Left: -0.300 ± 0.040 χ^2/NDF : 52.7/5

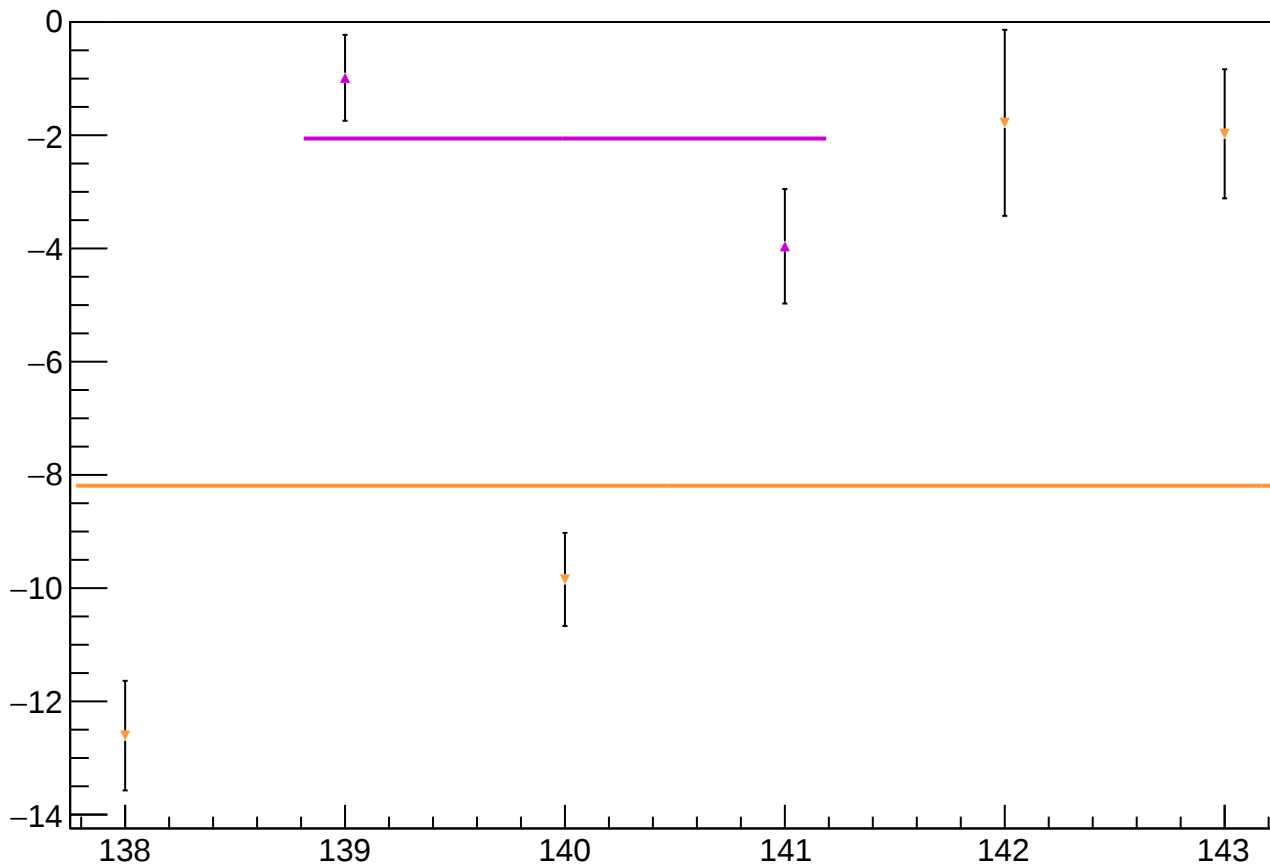
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.895 ± 0.038 χ^2/NDF : 737.9/18

Out: -0.887 ± 0.034 χ^2/NDF : 1233.0/21

All: -0.891 ± 0.026 χ^2/NDF : 1970.9/40

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

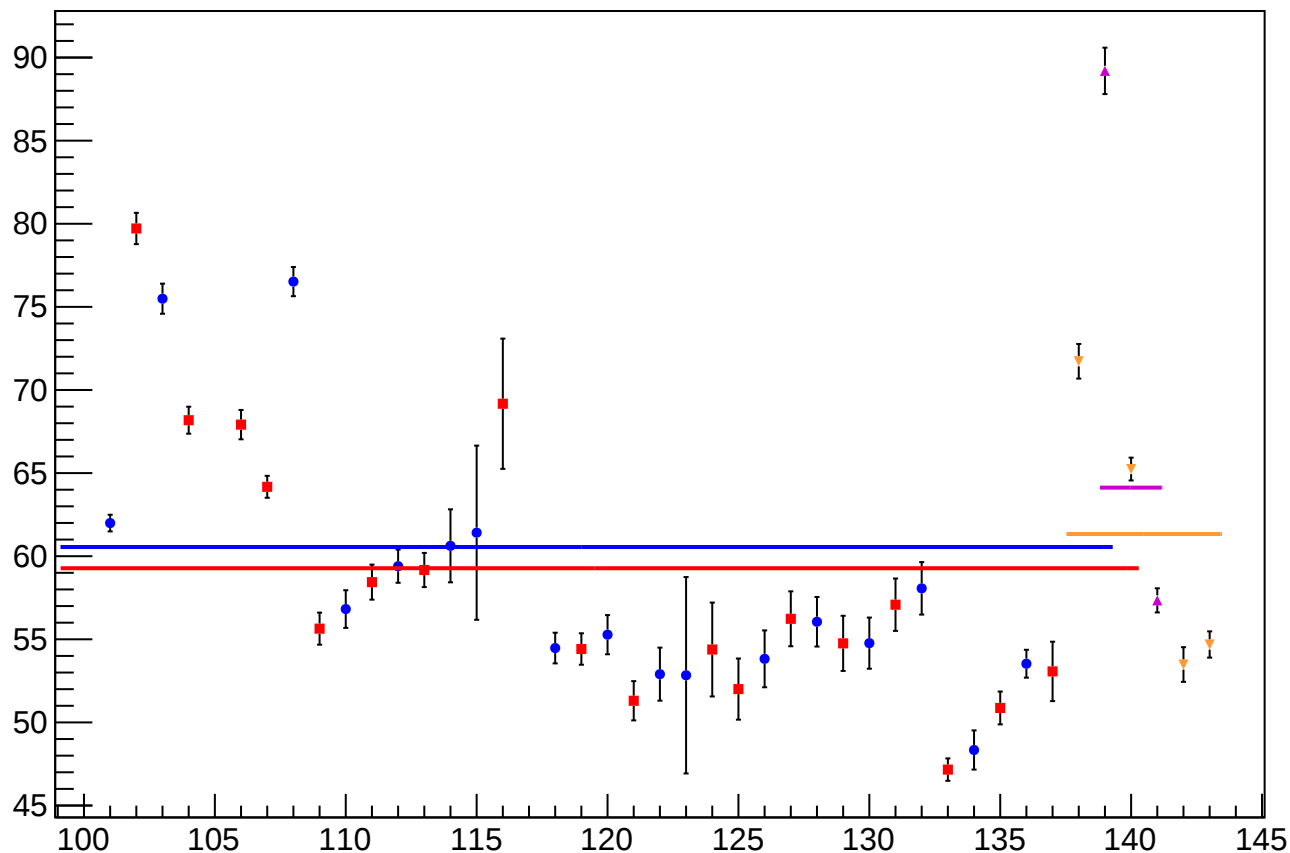
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 59.276 $\pm$ 0.249 χ^2 /NDF: 1274.8/17

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

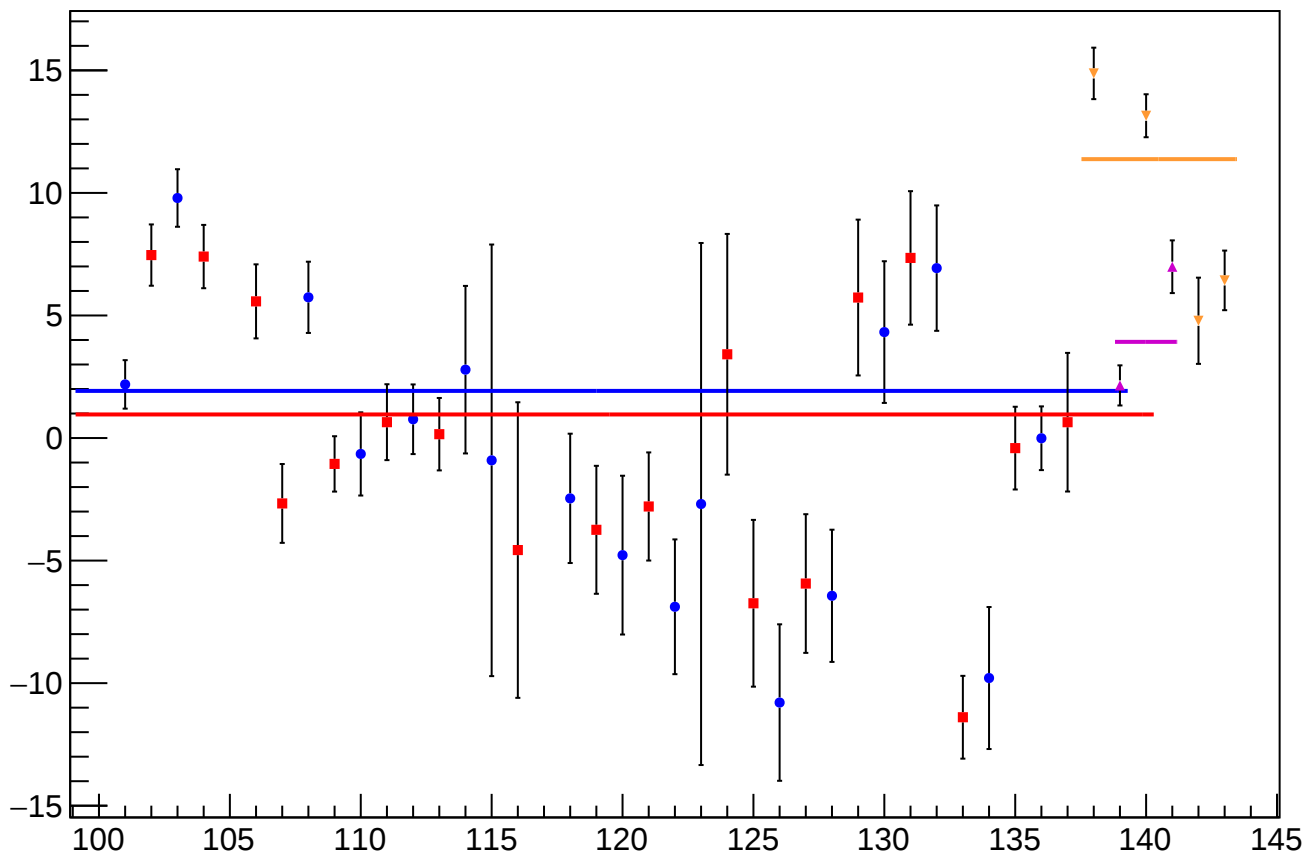
Right: 59.882 $\pm$ 0.180 χ^2 /NDF: 2218.3/34

In: 61.059 $\pm$ 0.243 χ^2 /NDF:1367.2/18

Out: 59.805 $\pm$ 0.215 χ^2 /NDF:1551.9/21

All: 60.355 $\pm$ 0.161 χ^2 /NDF: 2934.0/40

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 11.378 ± 0.558 $\chi^2/\text{NDF}: 45.8/3$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 3.924 ± 0.651 $\chi^2/\text{NDF}: 12.8/1$

Left: 8.221 ± 0.424 $\chi^2/\text{NDF}: 134.1/5$

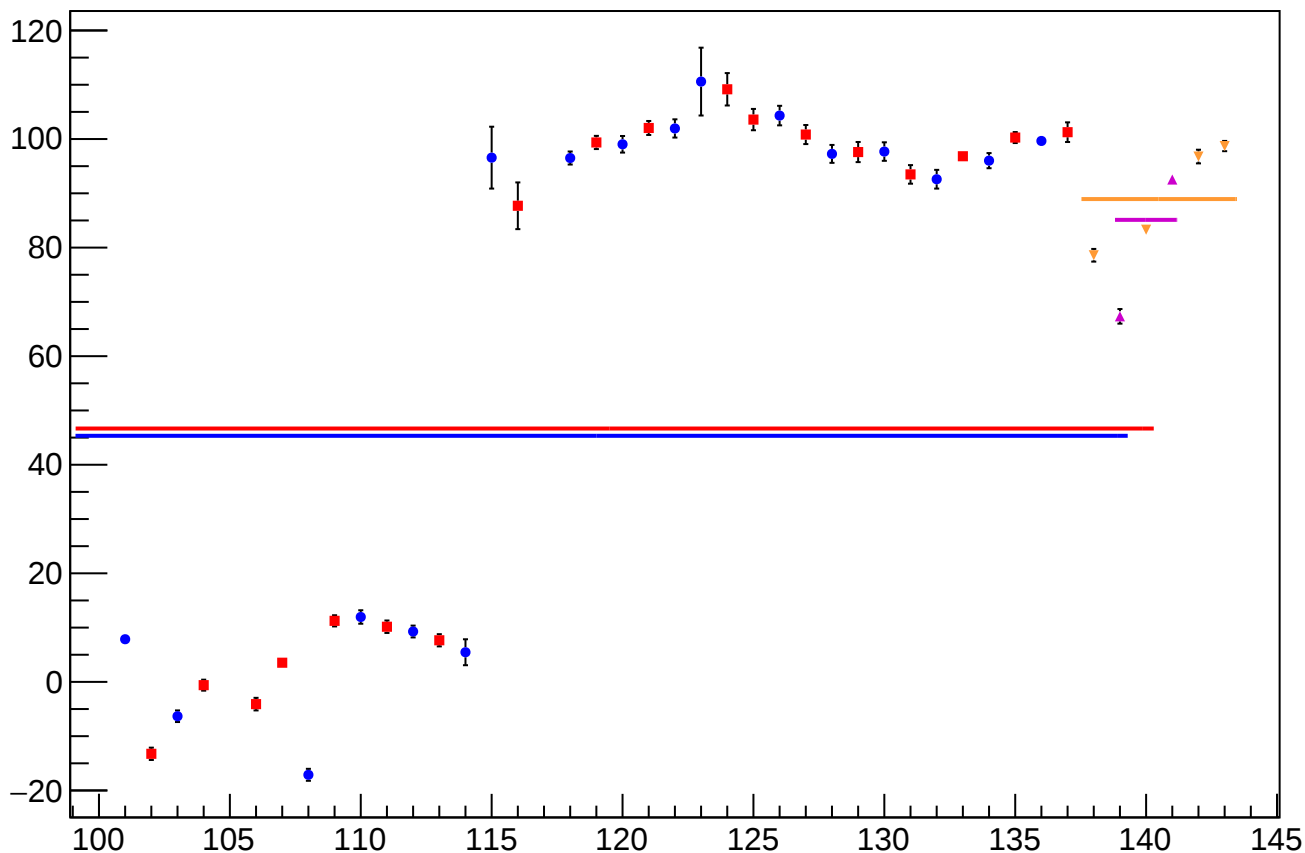
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 2.585 ± 0.375 $\chi^2/\text{NDF}: 140.2/18$

Out: 4.836 ± 0.341 $\chi^2/\text{NDF}: 414.5/21$

All: 3.818 ± 0.252 $\chi^2/\text{NDF}: 574.4/40$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 88.942+/-0.503 χ^2/NDF : 270.7/3

Right Out: 46.673+/-0.291 χ^2/NDF : 27896.8/17

Left In: 85.111+/-0.731 χ^2/NDF : 247.0/1

Left: 87.711+/-0.414 χ^2/NDF : 536.3/5

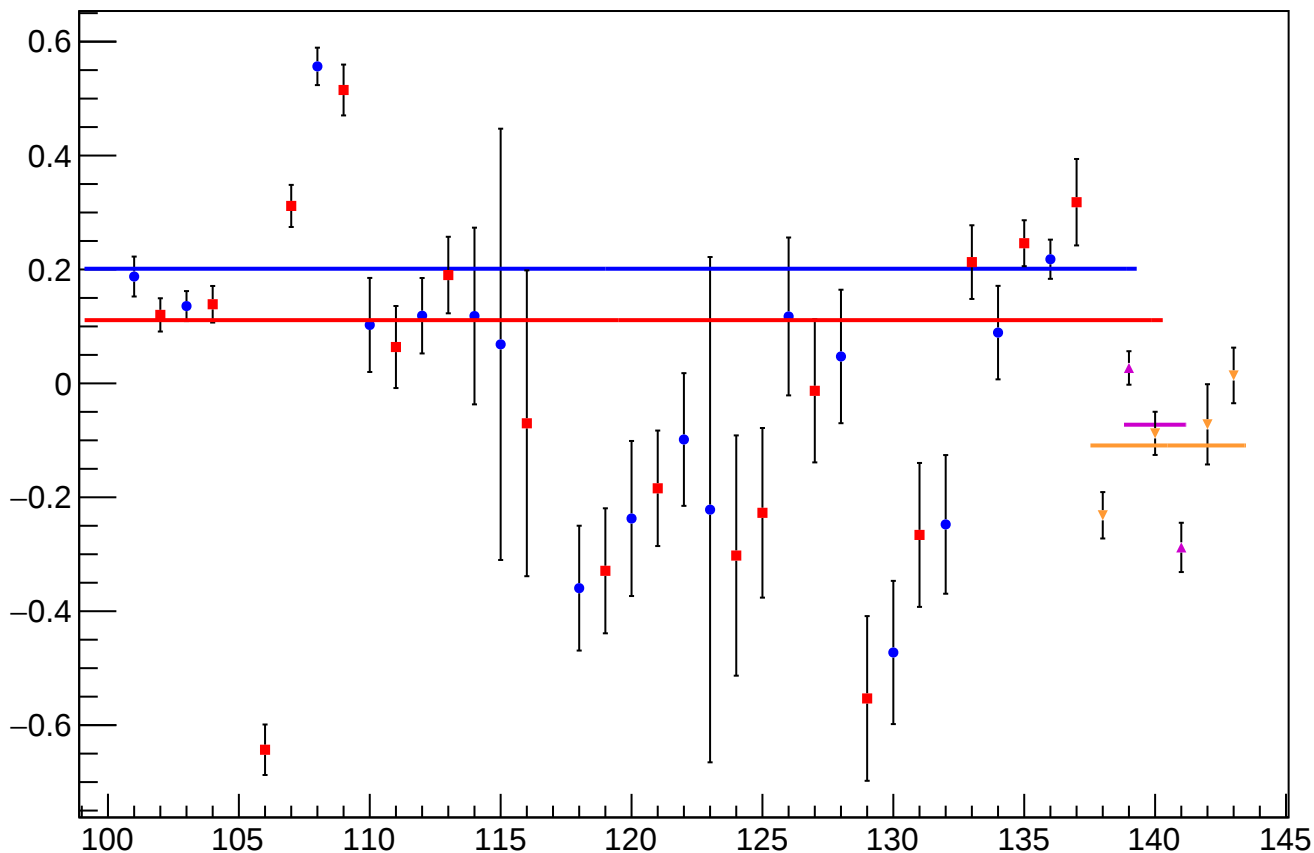
Right: 46.031+/-0.210 χ^2/NDF : 52913.9/34

In: 51.182+/-0.280 χ^2/NDF : 27778.9/18

Out: 57.257+/-0.252 χ^2/NDF : 33459.1/21

All: 54.545+/-0.187 χ^2/NDF : 61498.0/40

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.109 ± 0.023 $\chi^2/\text{NDF}: 16.0/3$

Right Out: 0.111 ± 0.013 $\chi^2/\text{NDF}: 489.6/17$

Left In: -0.073 ± 0.024 $\chi^2/\text{NDF}: 36.3/1$

Left: -0.092 ± 0.017 $\chi^2/\text{NDF}: 53.5/5$

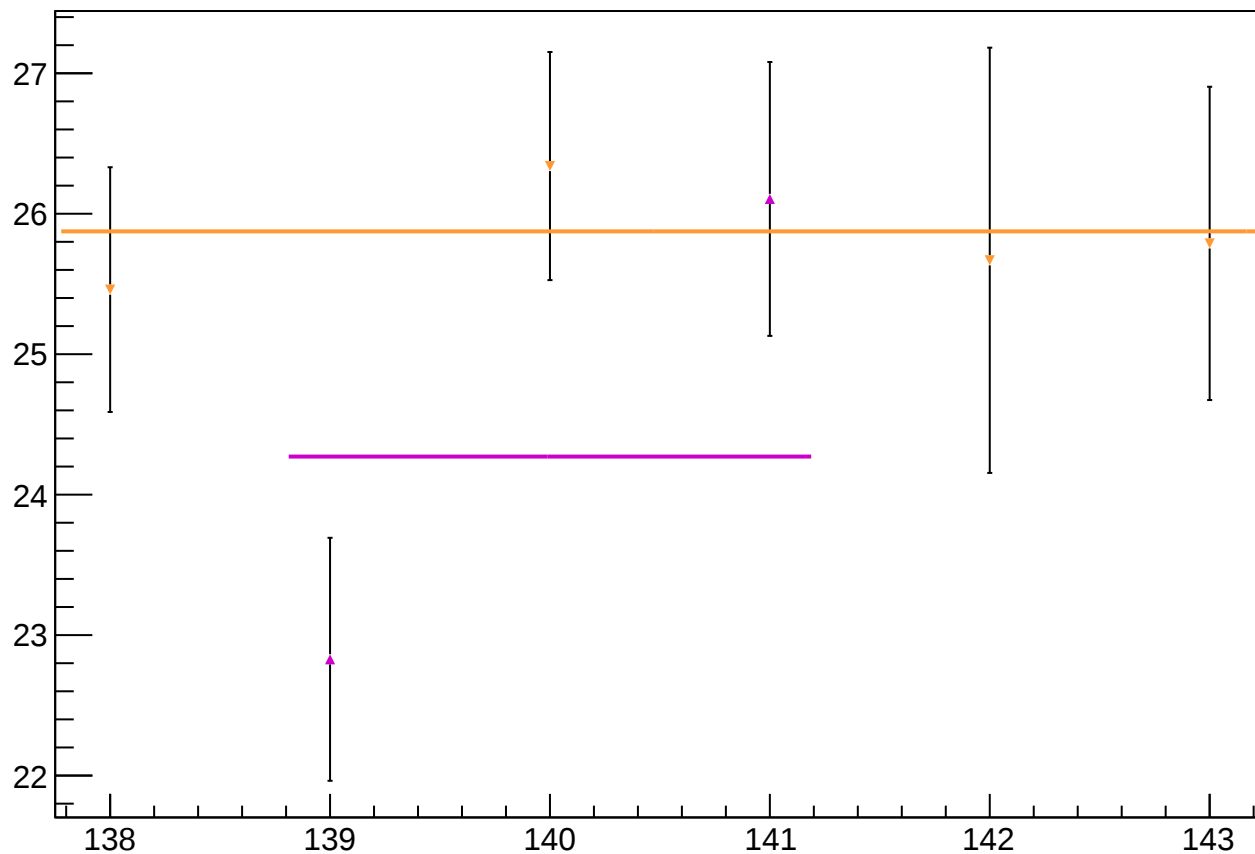
Right: 0.153 ± 0.010 $\chi^2/\text{NDF}: 728.8/34$

In: 0.133 ± 0.012 $\chi^2/\text{NDF}: 348.6/18$

Out: 0.056 ± 0.011 $\chi^2/\text{NDF}: 575.3/21$

All: 0.092 ± 0.008 $\chi^2/\text{NDF}: 945.1/40$

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

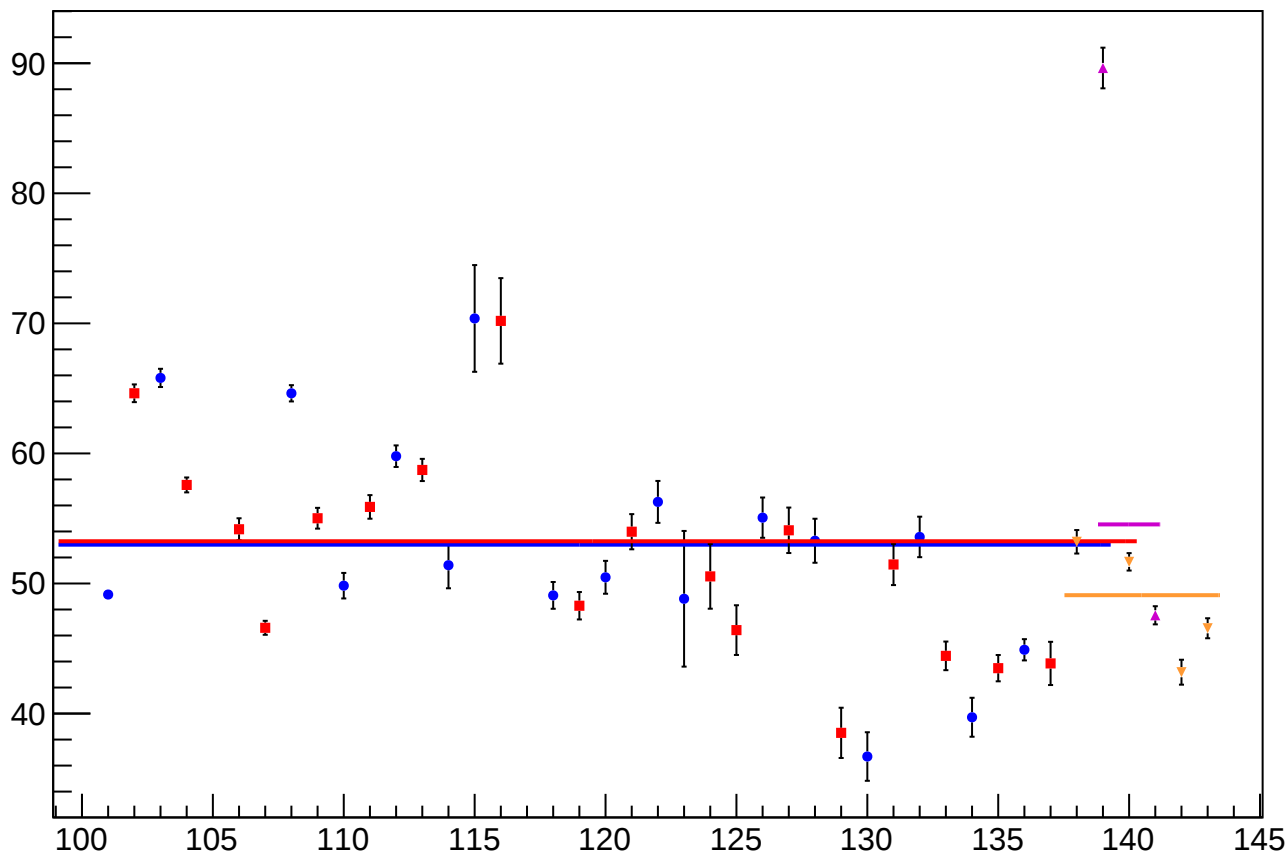
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 ± 0.210 $\chi^2/\text{NDF}: 1197.9/16$

Left Out: 49.101 ± 0.401 $\chi^2/\text{NDF}: 84.4/3$

Right Out: 53.248 ± 0.227 $\chi^2/\text{NDF}: 856.4/17$

Left In: 54.543 ± 0.637 $\chi^2/\text{NDF}: 604.3/1$

Left: 50.643 ± 0.339 $\chi^2/\text{NDF}: 741.0/5$

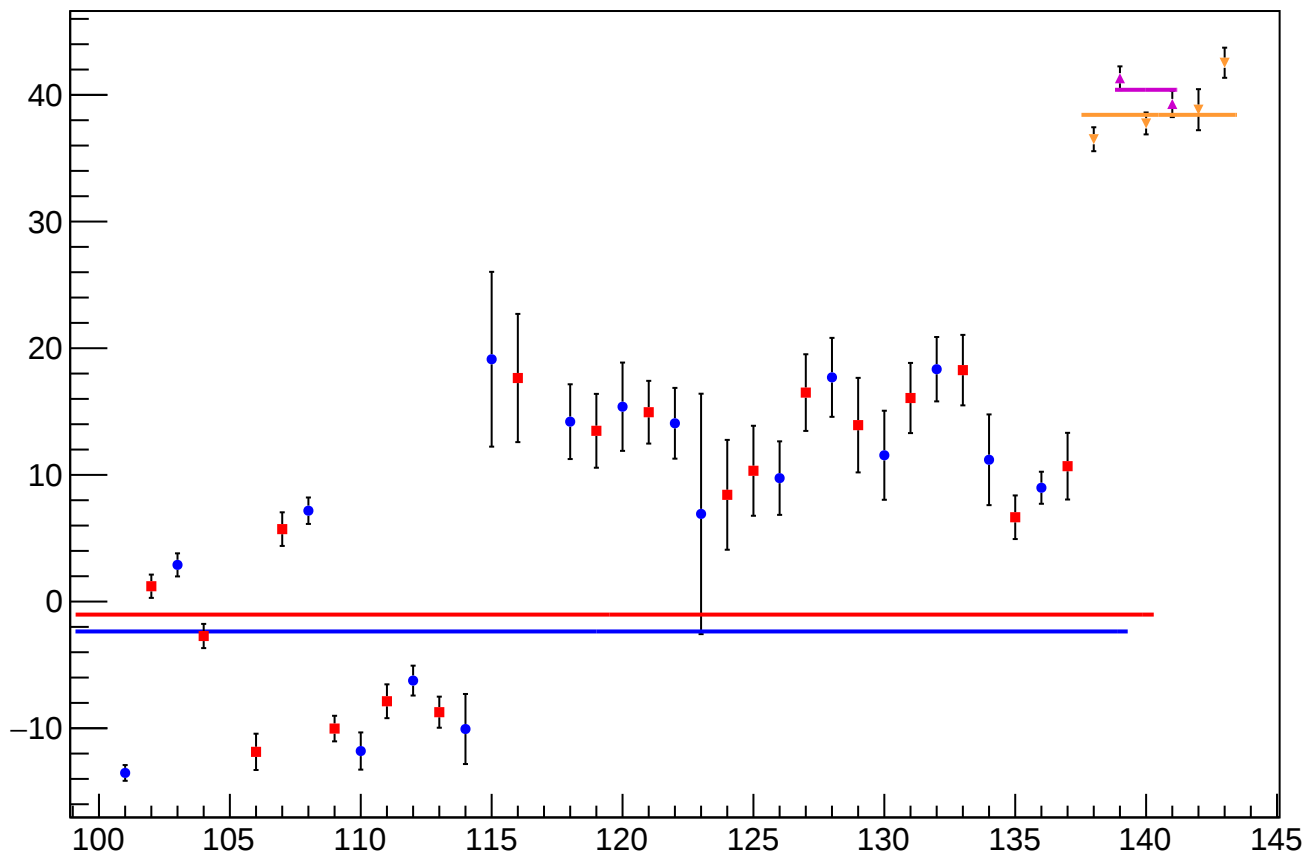
Right: 53.106 ± 0.154 $\chi^2/\text{NDF}: 2055.0/34$

In: 53.138 ± 0.200 $\chi^2/\text{NDF}: 1807.6/18$

Out: 52.237 ± 0.198 $\chi^2/\text{NDF}: 1021.8/21$

All: 52.683 ± 0.141 $\chi^2/\text{NDF}: 2839.7/40$

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 38.424 ± 0.531 χ^2/NDF : 16.8/3

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 40.402 ± 0.695 χ^2/NDF : 2.1/1

Left: 39.154 ± 0.422 χ^2/NDF : 24.0/5

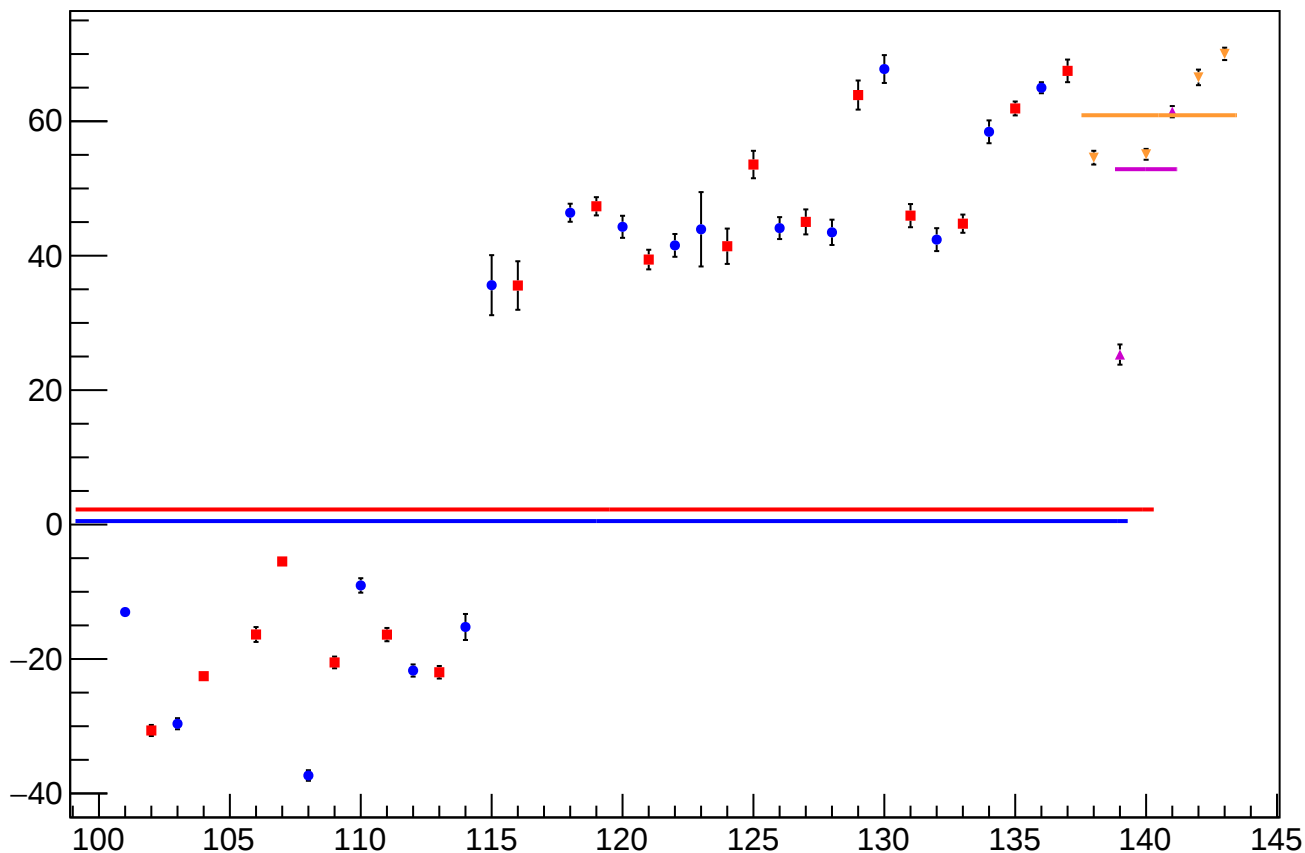
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 6.854 ± 0.323 χ^2/NDF : 3811.3/18

Out: 12.339 ± 0.309 χ^2/NDF : 4171.9/21

All: 9.712 ± 0.223 χ^2/NDF : 8134.0/40

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 $\chi^2/\text{NDF}: 18386.0/16$

Left Out: 60.895 ± 0.476 $\chi^2/\text{NDF}: 211.4/3$

Right Out: 2.246 ± 0.267 $\chi^2/\text{NDF}: 15377.0/17$

Left In: 52.869 ± 0.732 $\chi^2/\text{NDF}: 439.8/1$

Left: 58.508 ± 0.399 $\chi^2/\text{NDF}: 735.5/5$

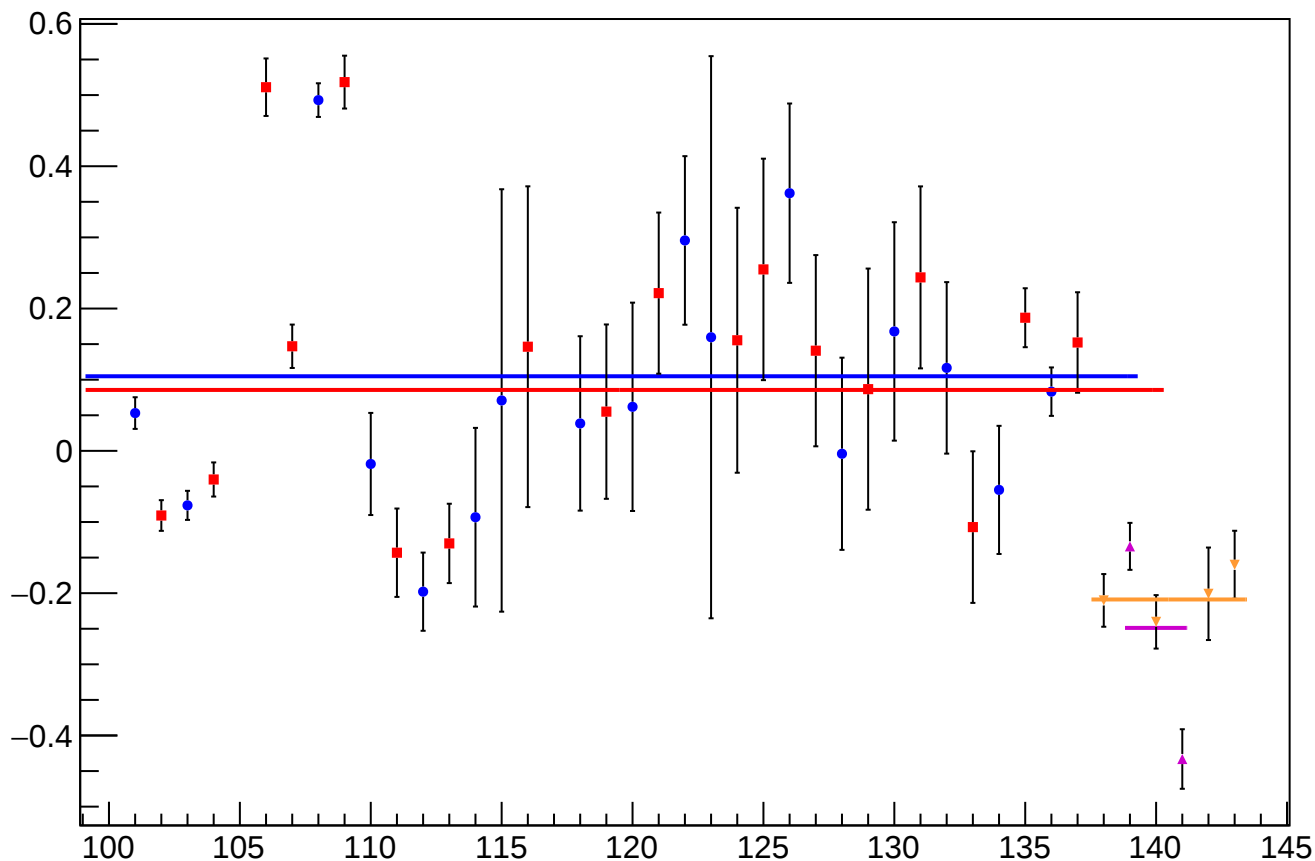
Right: 1.313 ± 0.181 $\chi^2/\text{NDF}: 33785.6/34$

In: 5.861 ± 0.234 $\chi^2/\text{NDF}: 23413.0/18$

Out: 16.294 ± 0.233 $\chi^2/\text{NDF}: 27110.4/21$

All: 11.095 ± 0.165 $\chi^2/\text{NDF}: 51520.9/40$

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: 0.086 ± 0.011 χ^2/NDF : 388.3/17

Left In: -0.249 ± 0.026 χ^2/NDF : 31.4/1

Left: -0.225 ± 0.017 χ^2/NDF : 34.6/5

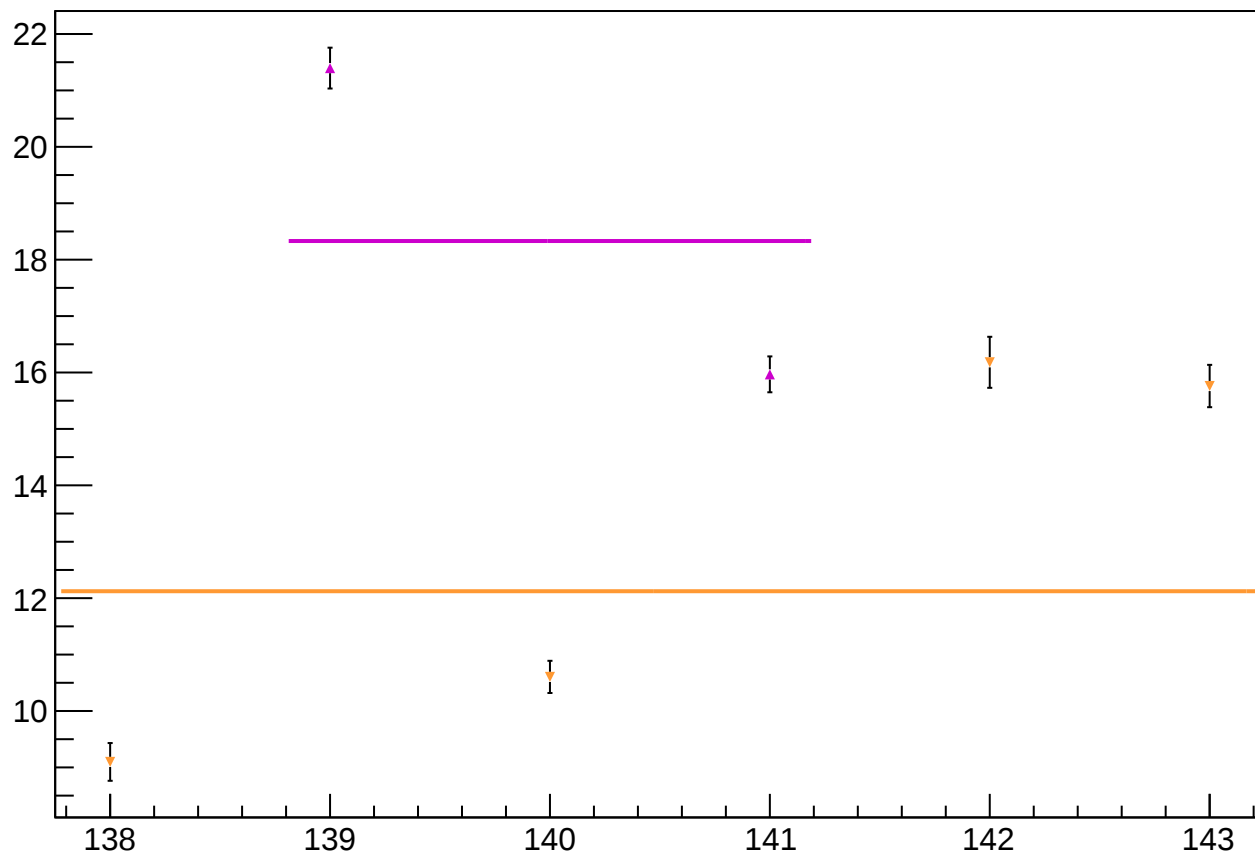
Right: 0.095 ± 0.008 χ^2/NDF : 790.6/34

In: 0.051 ± 0.010 χ^2/NDF : 589.9/18

Out: 0.025 ± 0.010 χ^2/NDF : 535.5/21

All: 0.037 ± 0.007 χ^2/NDF : 1128.6/40

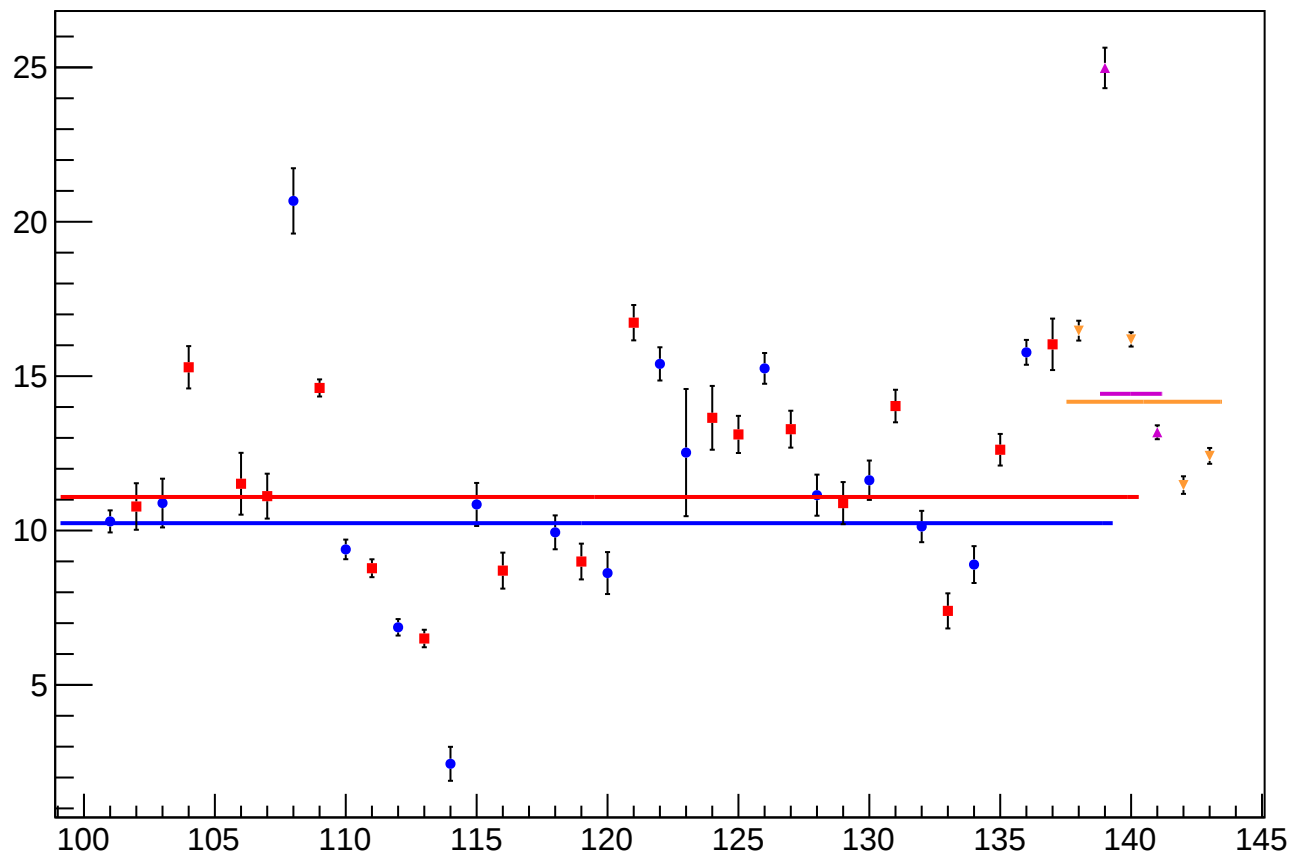
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 14.171 $\pm$ 0.134 χ^2 /NDF: 263.9/3

Right Out: 11.087 $\pm$ 0.116 χ^2 /NDF: 801.0/17

Left In: 14.428 $\pm$ 0.213 χ^2 /NDF: 289.5/1

Left: 14.243 $\pm$ 0.113 χ^2 /NDF: 554.5/5

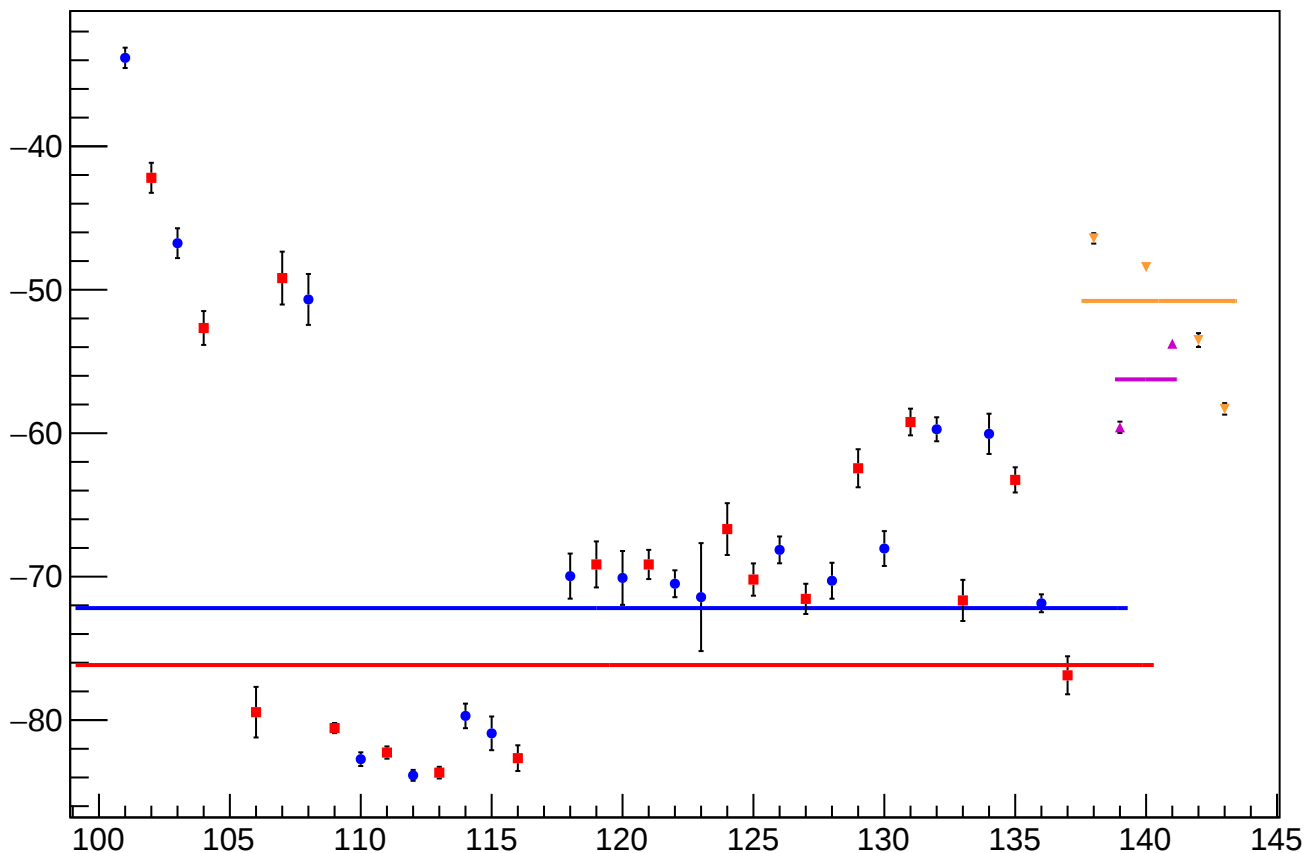
Right: 10.672 $\pm$ 0.083 χ^2 /NDF: 1694.4/34

In: 11.236 $\pm$ 0.104 χ^2 /NDF: 1451.4/18

Out: 12.416 $\pm$ 0.088 χ^2 /NDF: 1367.3/21

All: 11.925 $\pm$ 0.067 χ^2 /NDF: 2893.7/40

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: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -56.247 ± 0.256 $\chi^2/\text{NDF}: 126.8/1$

Left: -52.666 ± 0.150 $\chi^2/\text{NDF}: 1016.0/5$

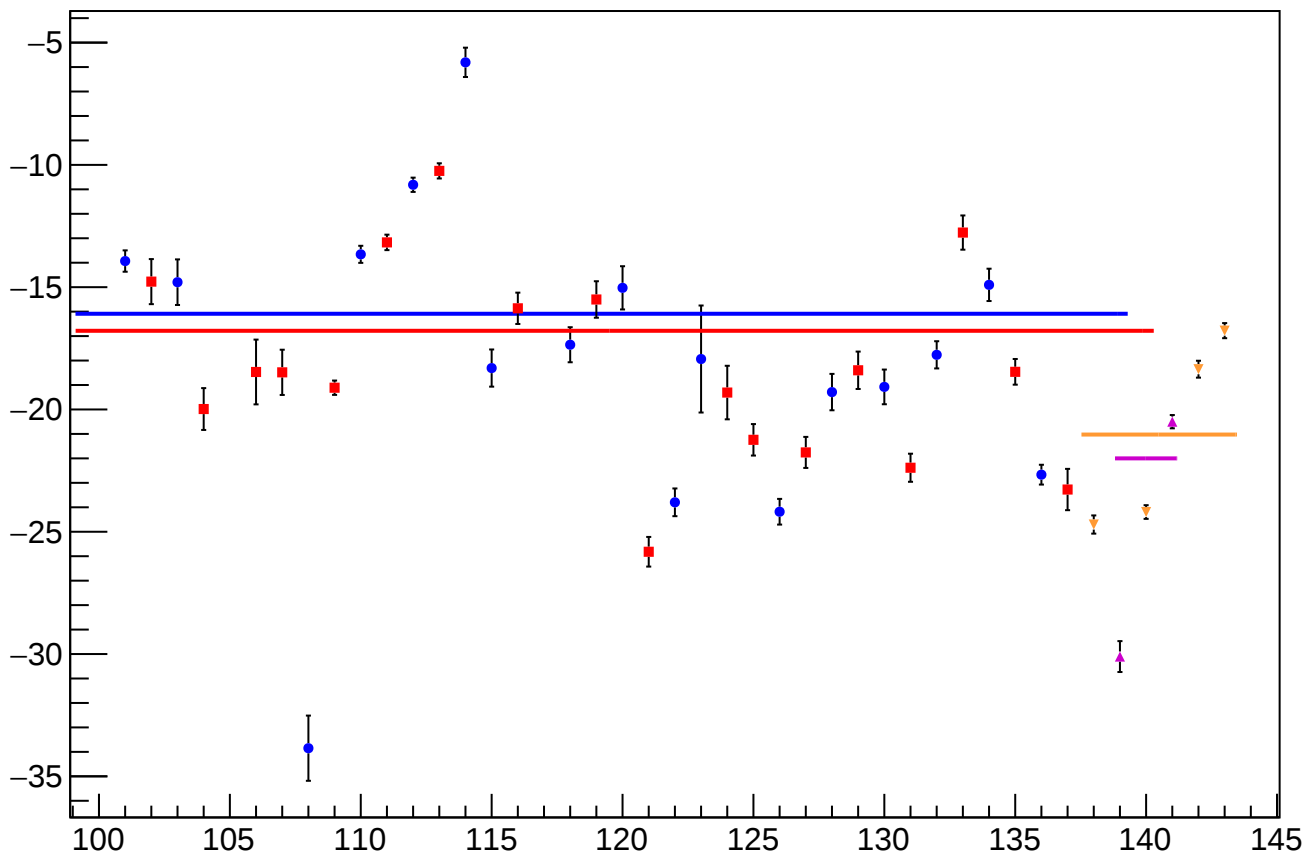
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -66.217 ± 0.157 $\chi^2/\text{NDF}: 8116.5/18$

Out: -63.788 ± 0.130 $\chi^2/\text{NDF}: 13376.1/21$

All: -64.776 ± 0.100 $\chi^2/\text{NDF}: 21635.3/40$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 $\pm$ 0.132 χ^2 /NDF: 1621.7/16

Left Out: -21.026 $\pm$ 0.160 χ^2 /NDF:474.8/3

Right Out: -16.783 $\pm$ 0.128 χ^2 /NDF: 1204.4/17

Left In: -22.000 $\pm$ 0.250 χ^2 /NDF:195.0/1

Left: -21.311 $\pm$ 0.135 χ^2 /NDF: 680.5/5

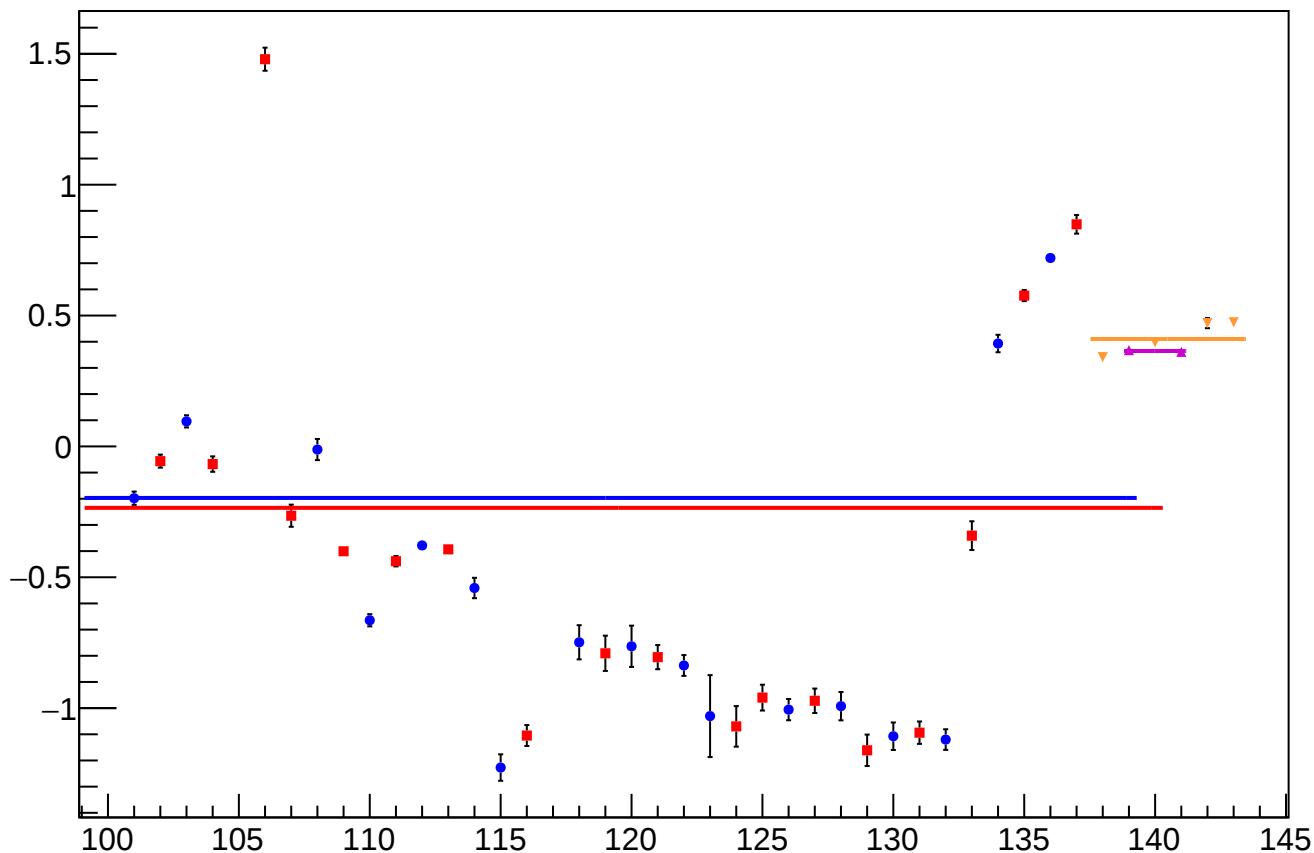
Right: -16.446 $\pm$ 0.092 χ^2 /NDF: 2840.4/34

In: -17.384 $\pm$ 0.117 χ^2 /NDF:2254.3/18

Out: -18.436 $\pm$ 0.100 χ^2 /NDF:2105.7/21

All: -17.991 $\pm$ 0.076 χ^2 /NDF: 4406.7/40

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.410 ± 0.008 χ^2/NDF : 49.4/3

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.365 ± 0.010 χ^2/NDF : 0.1/1

Left: 0.393 ± 0.006 χ^2/NDF : 63.3/5

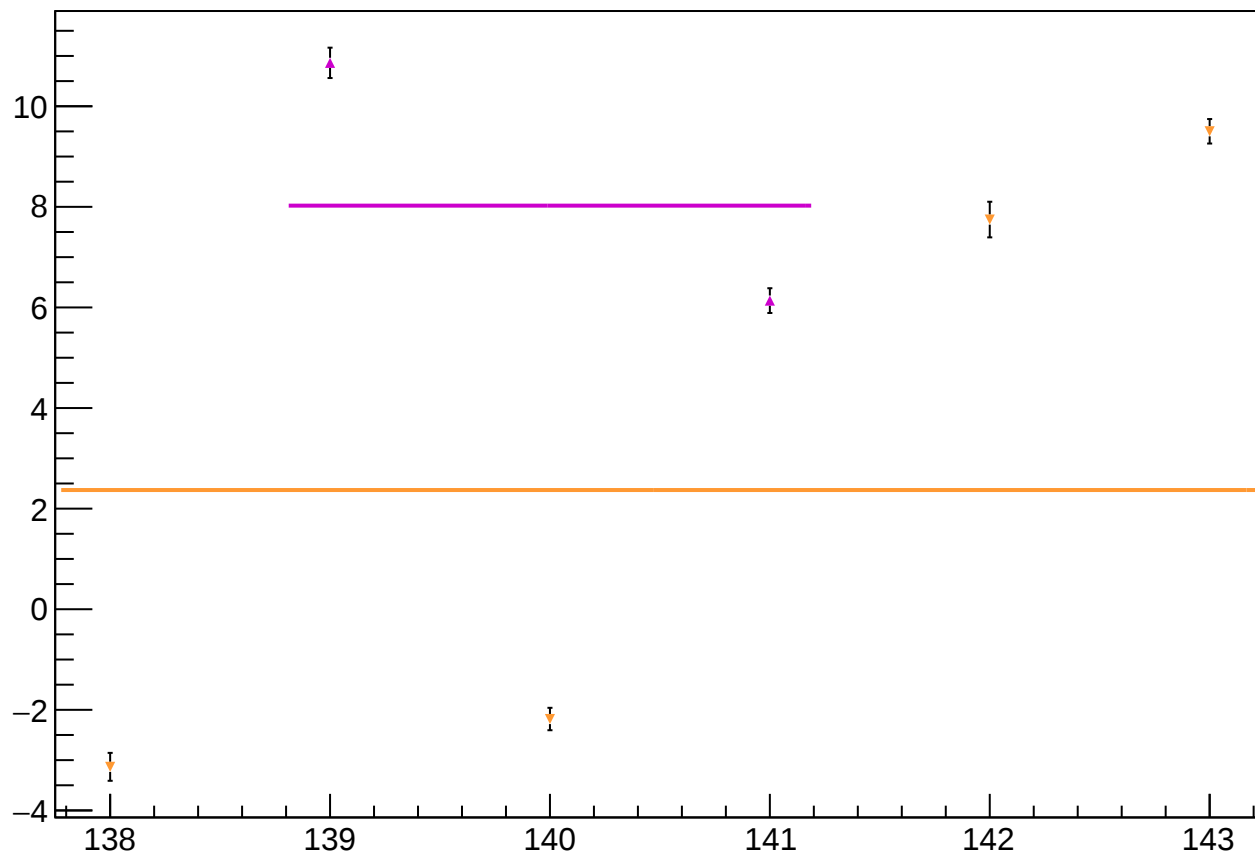
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.014 ± 0.006 χ^2/NDF : 8410.2/18

Out: 0.067 ± 0.005 χ^2/NDF : 10019.2/21

All: 0.044 ± 0.004 χ^2/NDF : 18473.3/40

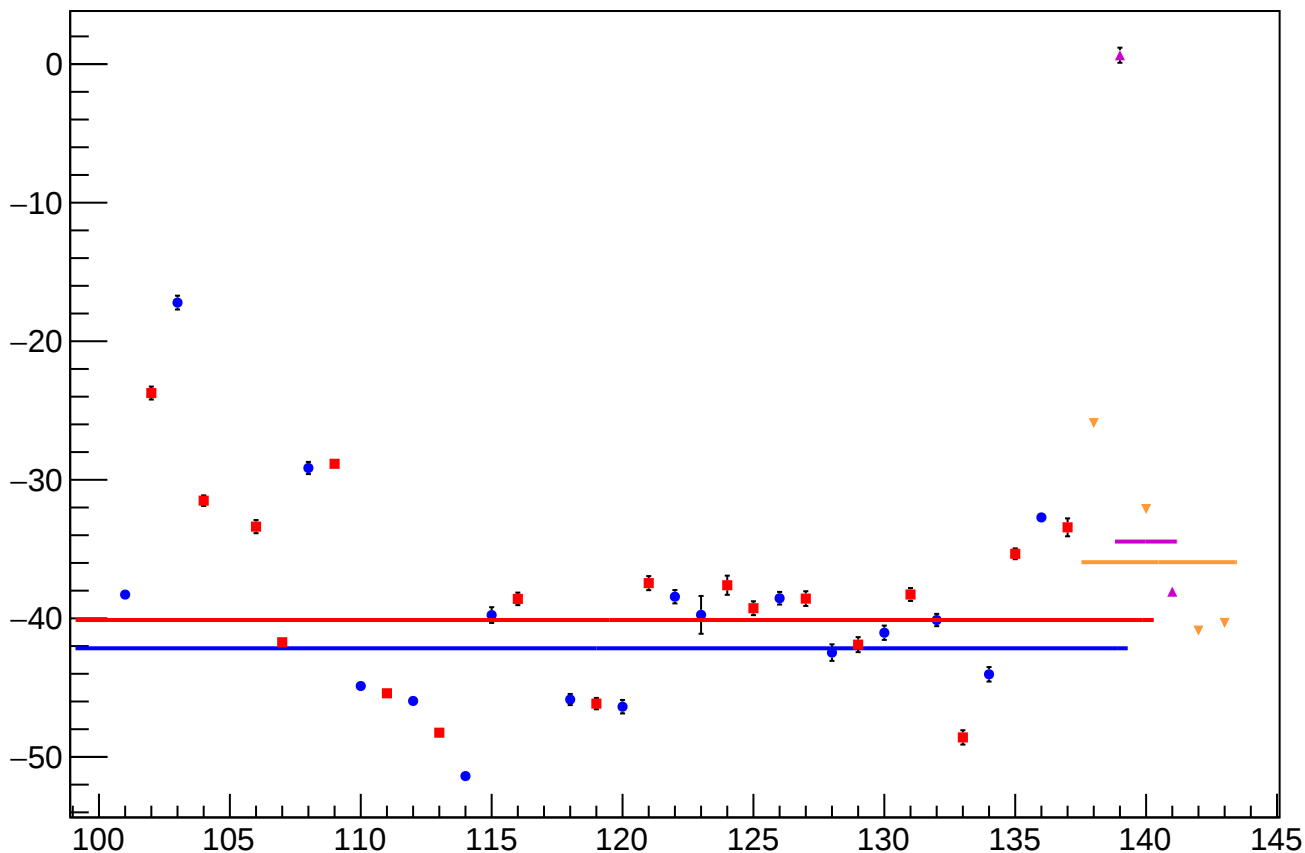
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 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: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -34.458 ± 0.166 $\chi^2/\text{NDF}: 4581.9/1$

Left: -35.552 ± 0.086 $\chi^2/\text{NDF}: 7656.6/5$

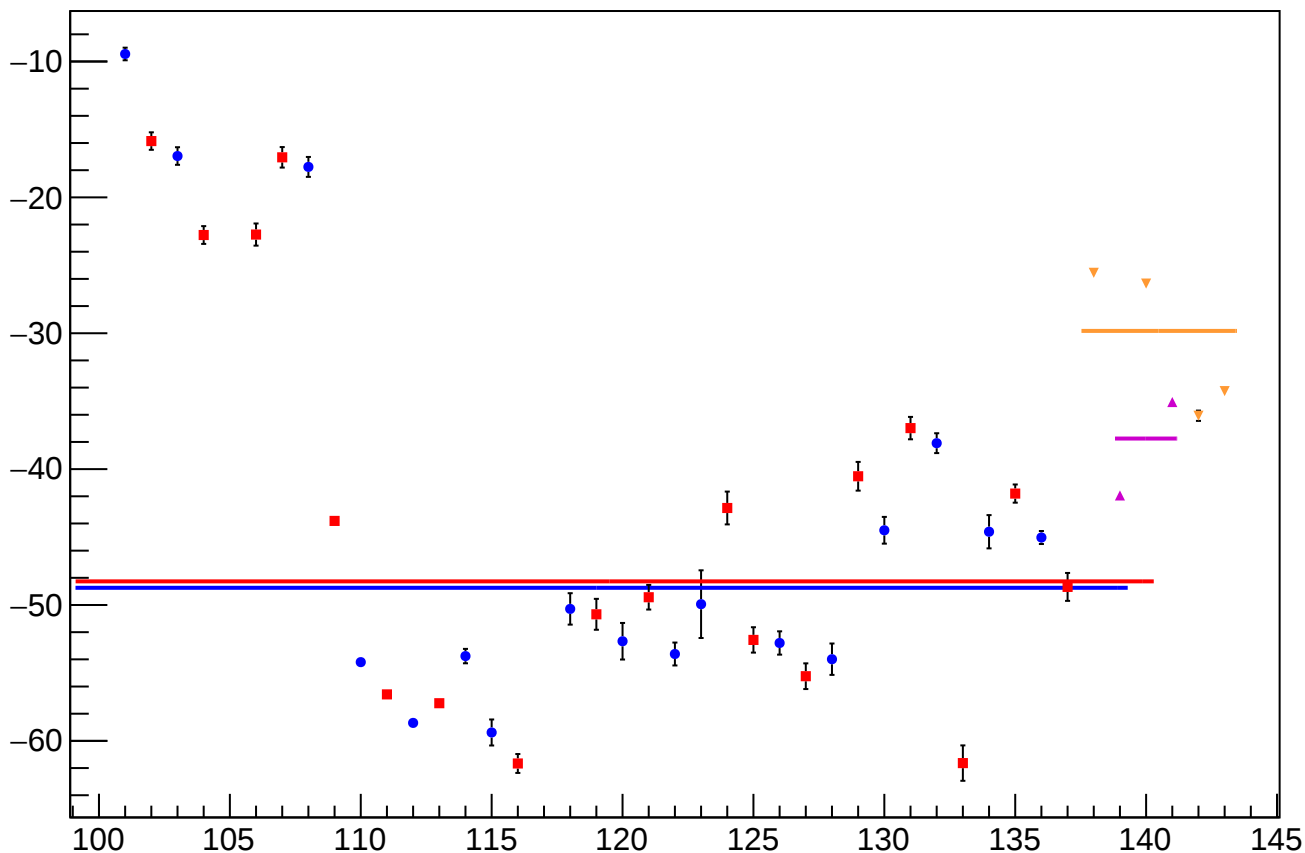
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.775 ± 0.071 $\chi^2/\text{NDF}: 12909.2/18$

Out: -38.672 ± 0.059 $\chi^2/\text{NDF}: 15039.0/21$

All: -39.535 ± 0.045 $\chi^2/\text{NDF}: 28472.0/40$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733+/-0.125 χ^2/NDF : 14659.4/16

Left Out: -29.828+/-0.141 χ^2/NDF : 980.4/3

Right Out: -48.261+/-0.107 χ^2/NDF : 11091.7/17

Left In: -37.749+/-0.204 χ^2/NDF : 269.5/1

Left: -32.372+/-0.116 χ^2/NDF : 2270.3/5

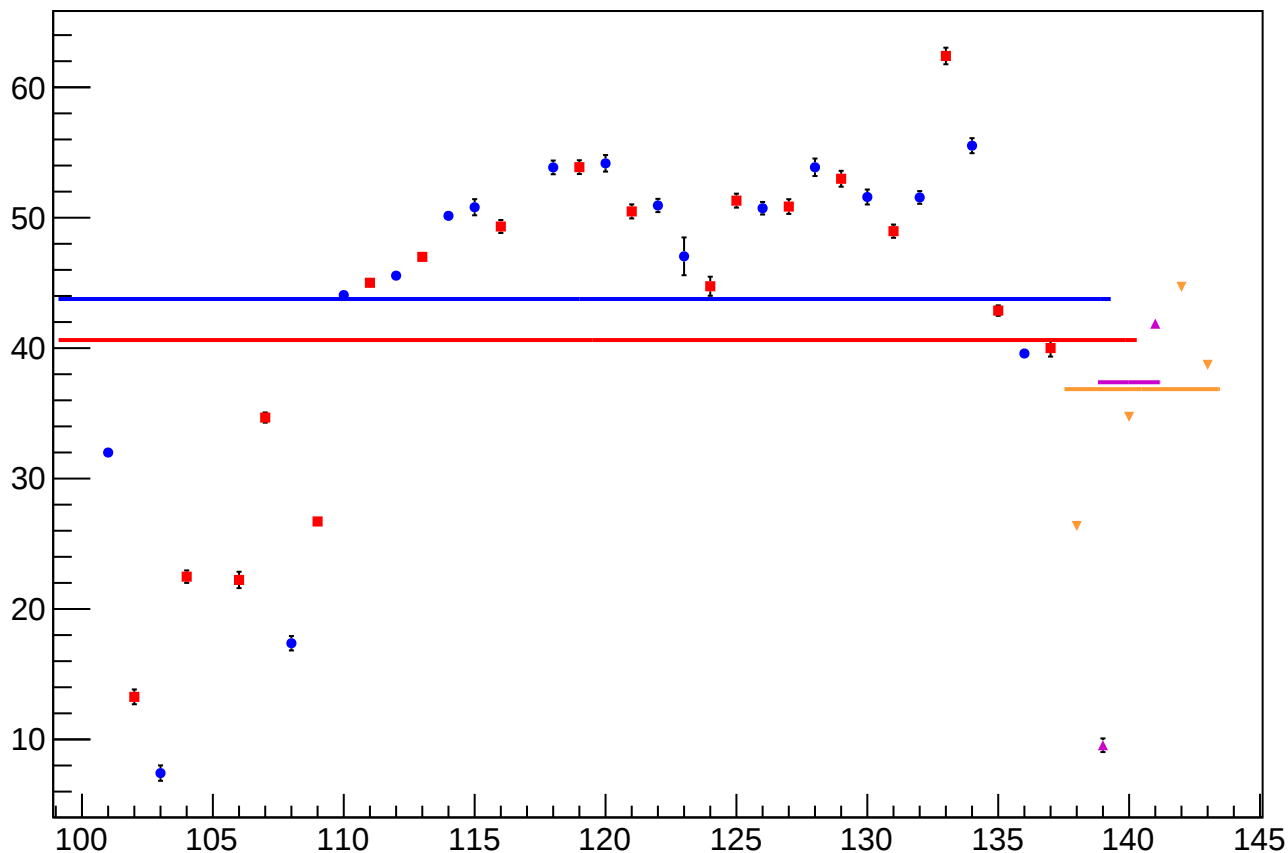
Right: -48.462+/-0.081 χ^2/NDF : 25759.4/34

In: -45.753+/-0.106 χ^2/NDF : 17034.7/18

Out: -41.462+/-0.085 χ^2/NDF : 22928.9/21

All: -43.142+/-0.067 χ^2/NDF : 40952.8/40

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: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

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

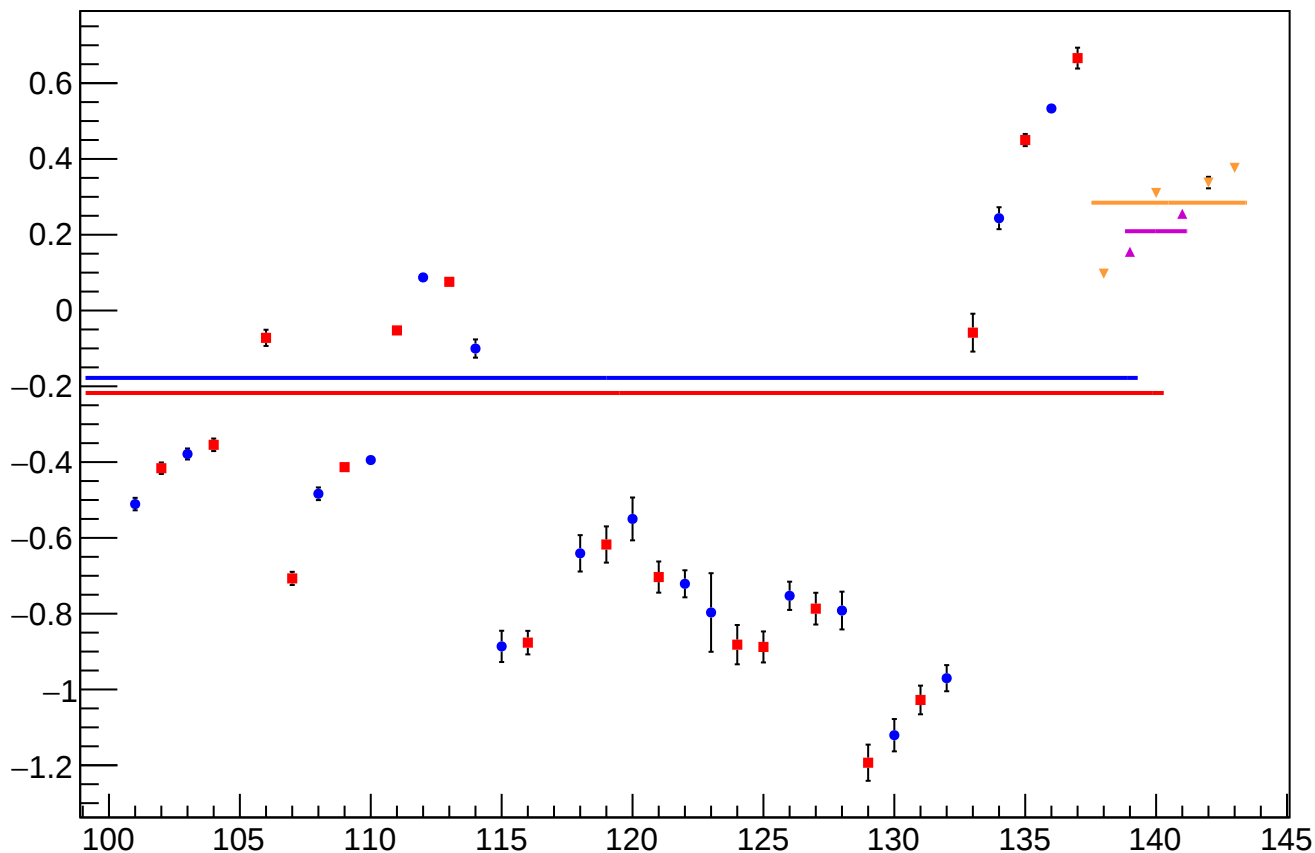
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 42.715 $\pm$ 0.079 χ^2 /NDF:14796.5/18

Out: 39.454 $\pm$ 0.067 χ^2 /NDF:19797.7/21

All: 40.804 $\pm$ 0.051 χ^2 /NDF: 35584.3/40

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.285 ± 0.006 χ^2/NDF : 341.6/3

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.209 ± 0.008 χ^2/NDF : 41.3/1

Left: 0.258 ± 0.005 χ^2/NDF : 443.2/5

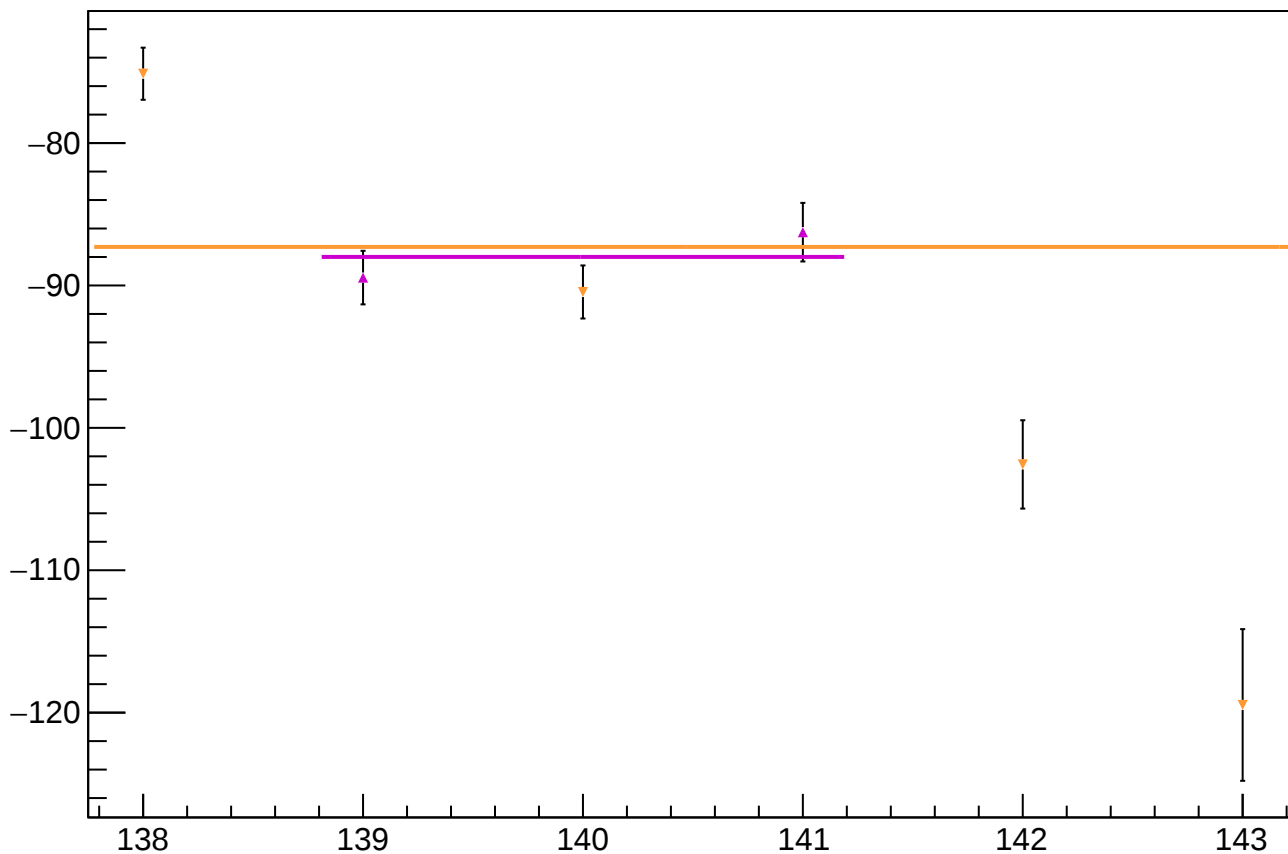
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: -0.070 ± 0.004 χ^2/NDF : 9190.5/18

Out: -0.038 ± 0.003 χ^2/NDF : 12638.2/21

All: -0.051 ± 0.003 χ^2/NDF : 21862.9/40

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

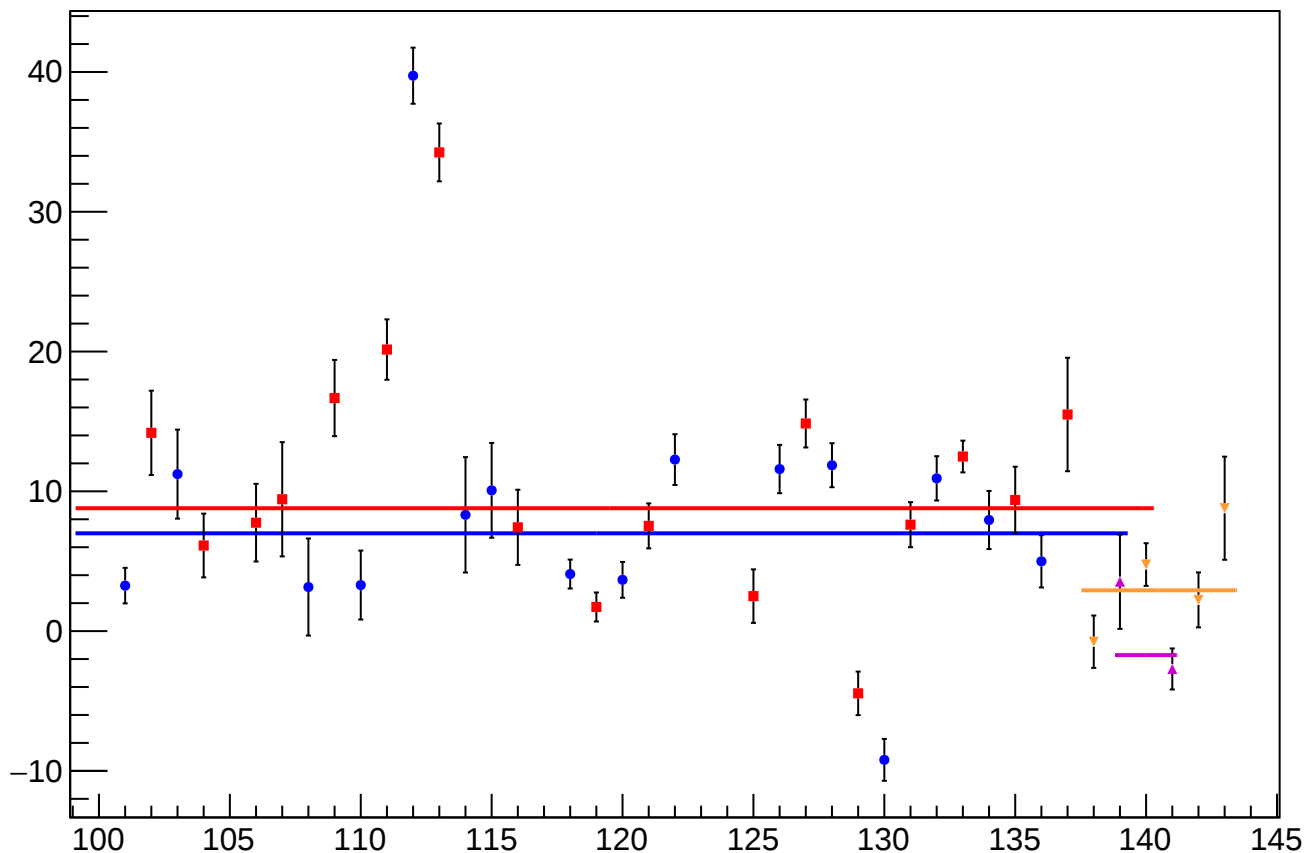
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: -1.716 ± 1.346 $\chi^2/\text{NDF}: 2.9/1$

Left: 1.318 ± 0.791 $\chi^2/\text{NDF}: 18.6/5$

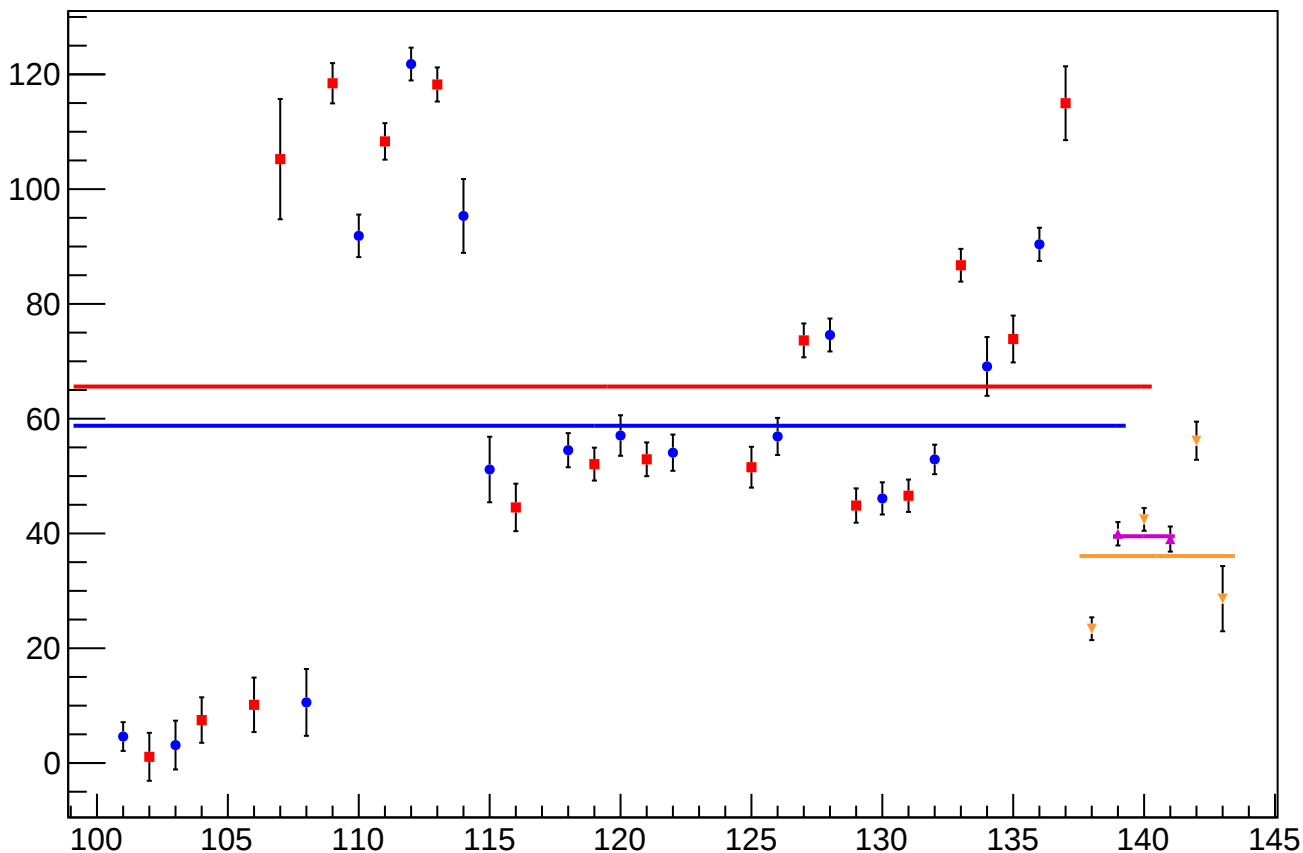
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 6.175 ± 0.413 $\chi^2/\text{NDF}: 486.1/17$

Out: 7.765 ± 0.408 $\chi^2/\text{NDF}: 386.6/20$

All: 6.980 ± 0.290 $\chi^2/\text{NDF}: 880.2/38$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 36.063 $\pm$ 1.260 χ^2 /NDF:89.4/3

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

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

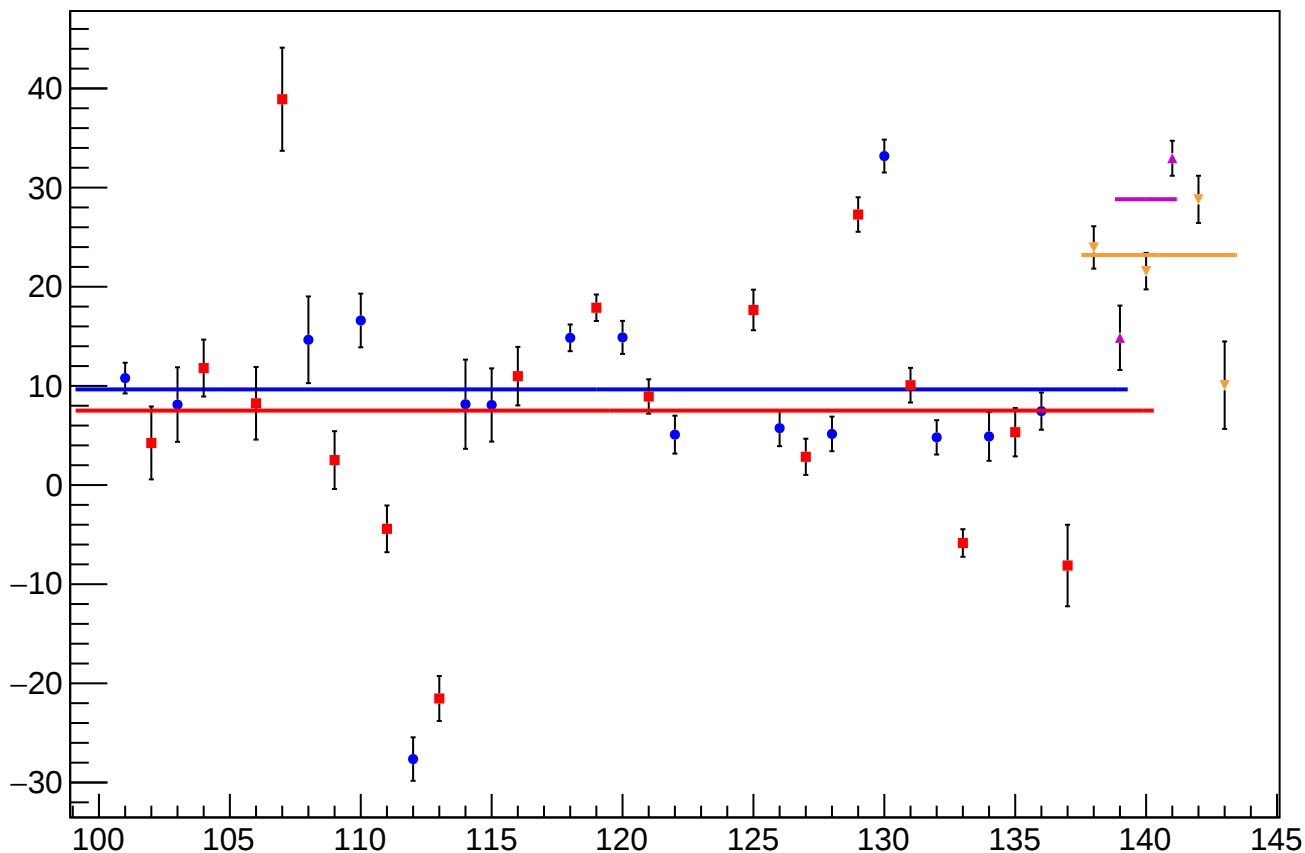
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 54.194 $\pm$ 0.727 χ^2 /NDF:1620.4/17

Out: 56.446 $\pm$ 0.702 χ^2 /NDF:2094.0/20

All: 55.360 $\pm$ 0.505 χ^2 /NDF: 3719.4/38

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 23.206 ± 1.160 $\chi^2/\text{NDF}: 15.3/3$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 28.829 ± 1.552 $\chi^2/\text{NDF}: 24.0/1$

Left: 25.223 ± 0.929 $\chi^2/\text{NDF}: 47.8/5$

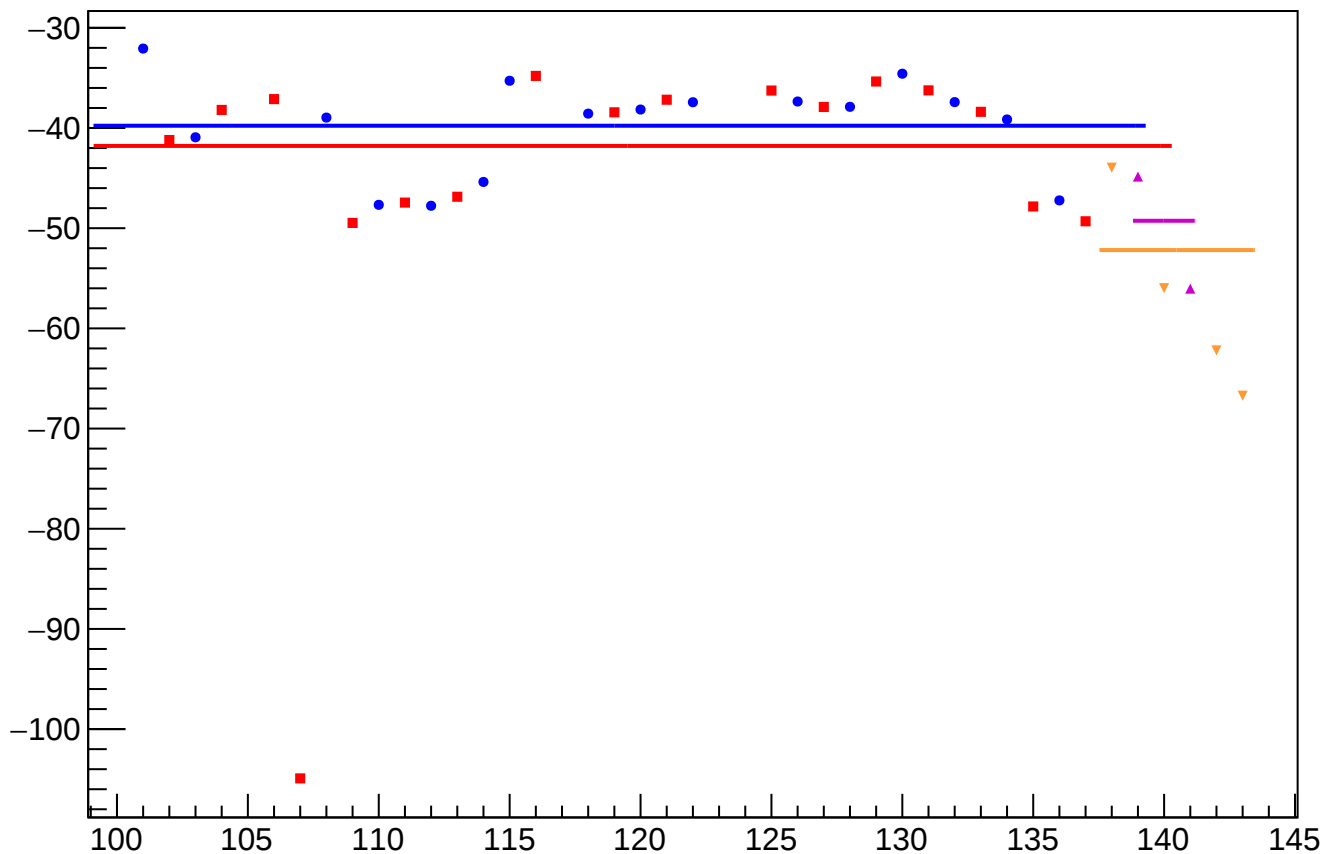
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 11.466 ± 0.478 $\chi^2/\text{NDF}: 715.9/17$

Out: 10.106 ± 0.472 $\chi^2/\text{NDF}: 732.4/20$

All: 10.778 ± 0.336 $\chi^2/\text{NDF}: 1452.4/38$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$

Left Out: -52.183 ± 0.052 $\chi^2/\text{NDF}: 22720.8/3$

Right Out: -41.787 ± 0.031 $\chi^2/\text{NDF}: 93008.7/16$

Left In: -49.258 ± 0.056 $\chi^2/\text{NDF}: 9676.5/1$

Left: -50.823 ± 0.038 $\chi^2/\text{NDF}: 33879.4/5$

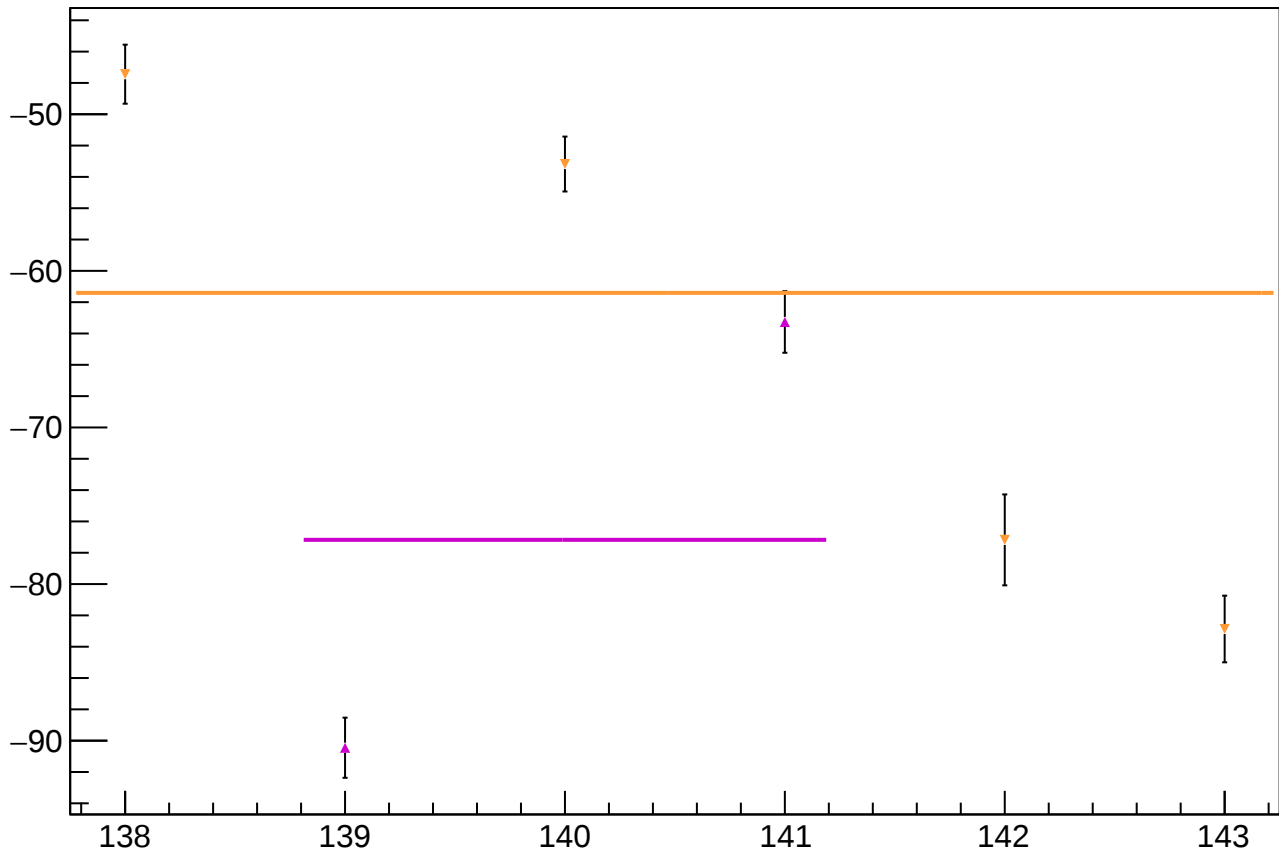
Right: -40.769 ± 0.022 $\chi^2/\text{NDF}: 121265.0/32$

In: -42.034 ± 0.027 $\chi^2/\text{NDF}: 58040.4/17$

Out: -44.582 ± 0.027 $\chi^2/\text{NDF}: 145189.8/20$

All: -43.321 ± 0.019 $\chi^2/\text{NDF}: 207683.5/38$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

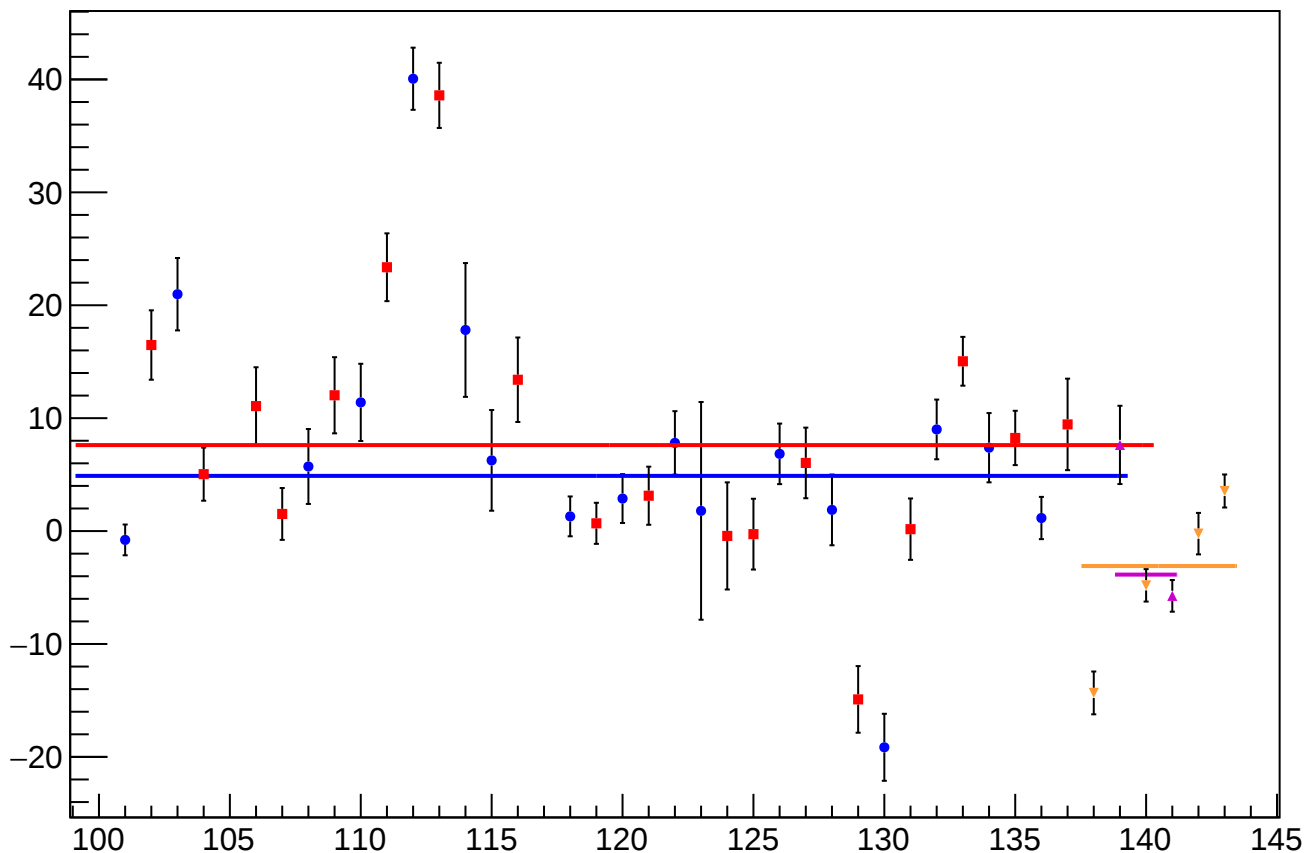
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 7.615 $\pm$ 0.652 χ^2 /NDF: 269.2/17

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

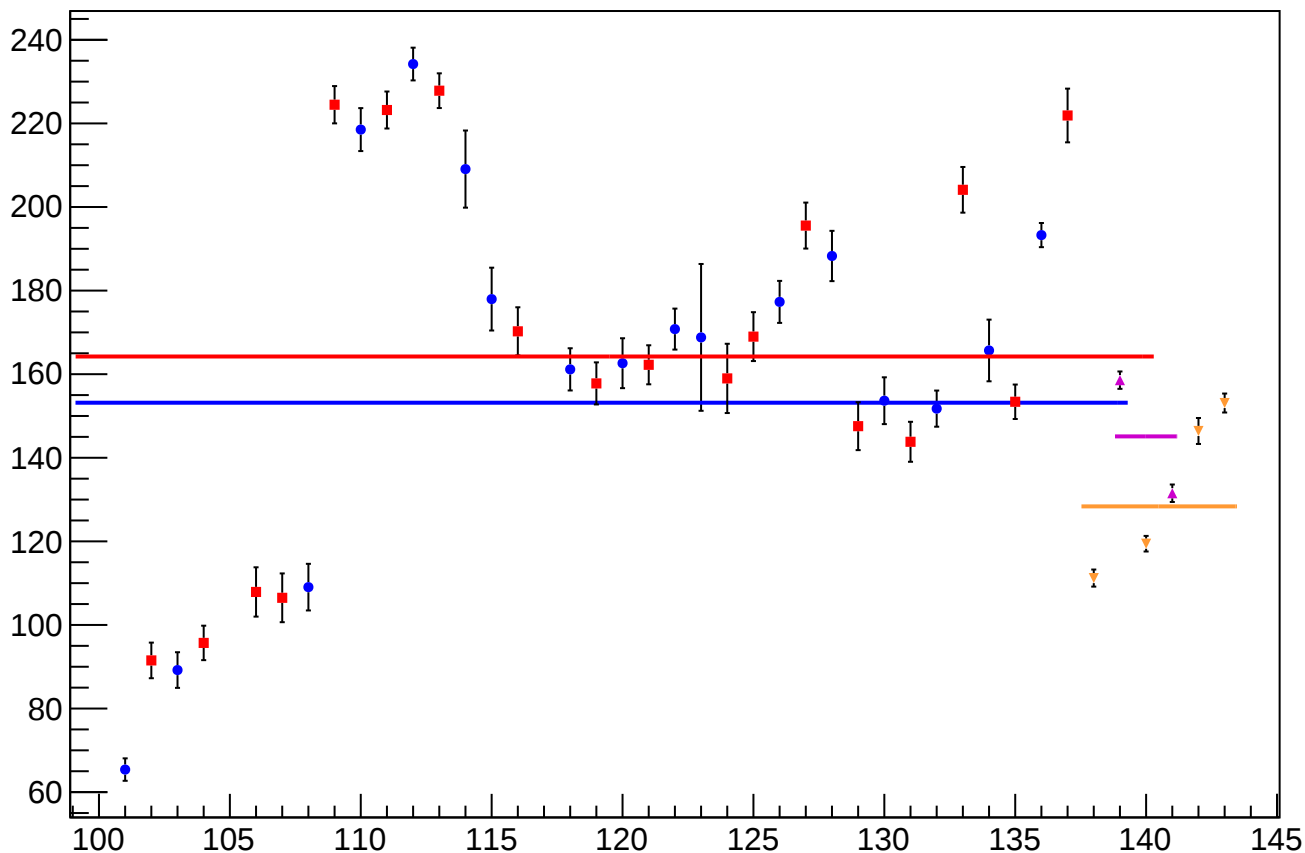
Right: 6.187 $\pm$ 0.450 χ^2 /NDF: 573.1/34

In: 3.261 $\pm$ 0.561 χ^2 /NDF: 344.3/18

Out: 3.400 $\pm$ 0.508 χ^2 /NDF: 434.9/21

All: 3.337 $\pm$ 0.377 χ^2 /NDF: 779.2/40

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 +/- 1.146 χ^2/NDF : 2264.3/16

Left Out: 128.368 +/- 1.101 χ^2/NDF : 245.9/3

Right Out: 164.232 +/- 1.183 χ^2/NDF : 1554.8/17

Left In: 145.116 +/- 1.474 χ^2/NDF : 84.3/1

Left: 134.369 +/- 0.882 χ^2/NDF : 413.0/5

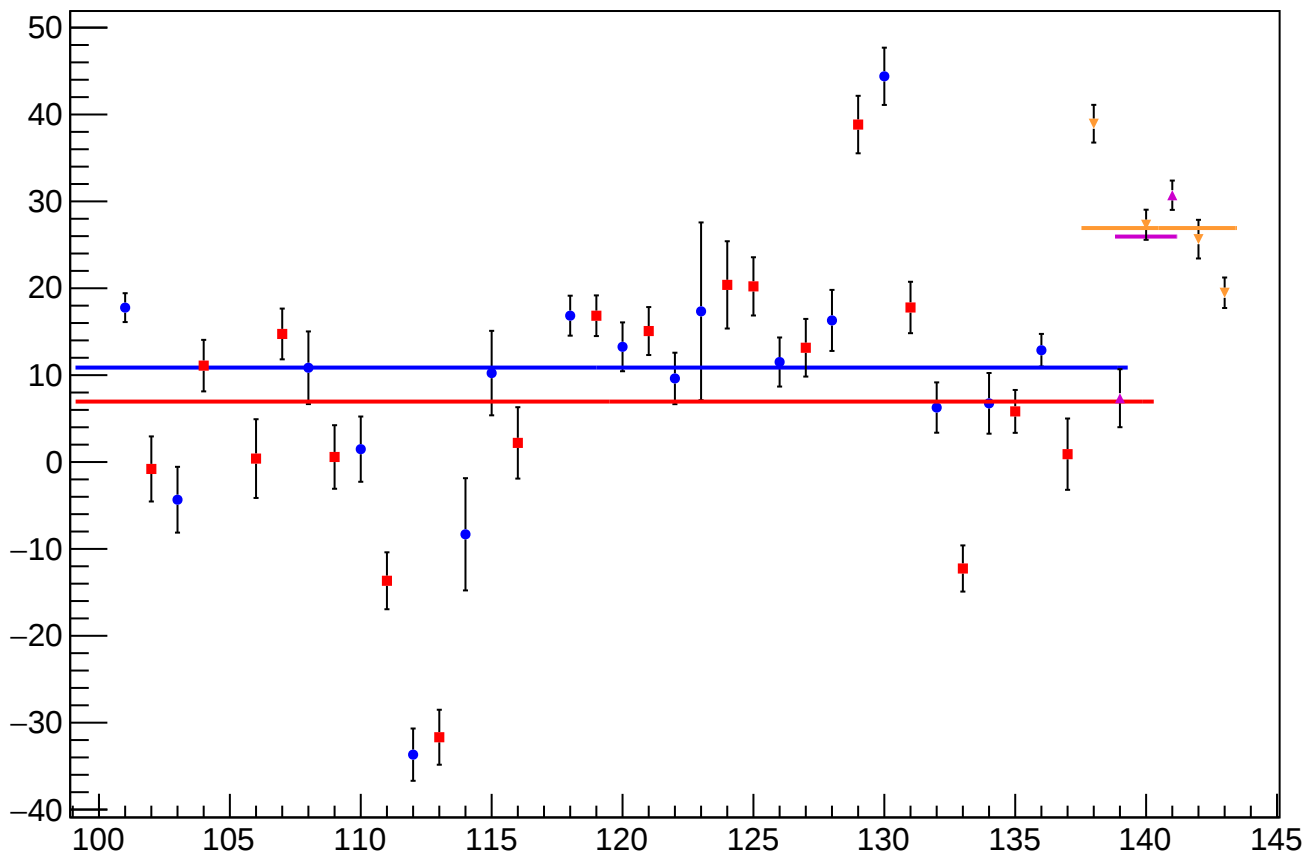
Right: 158.528 +/- 0.823 χ^2/NDF : 3864.1/34

In: 150.136 +/- 0.905 χ^2/NDF : 2367.2/18

Out: 145.016 +/- 0.806 χ^2/NDF : 2293.0/21

All: 147.281 +/- 0.602 χ^2/NDF : 4678.0/40

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: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

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

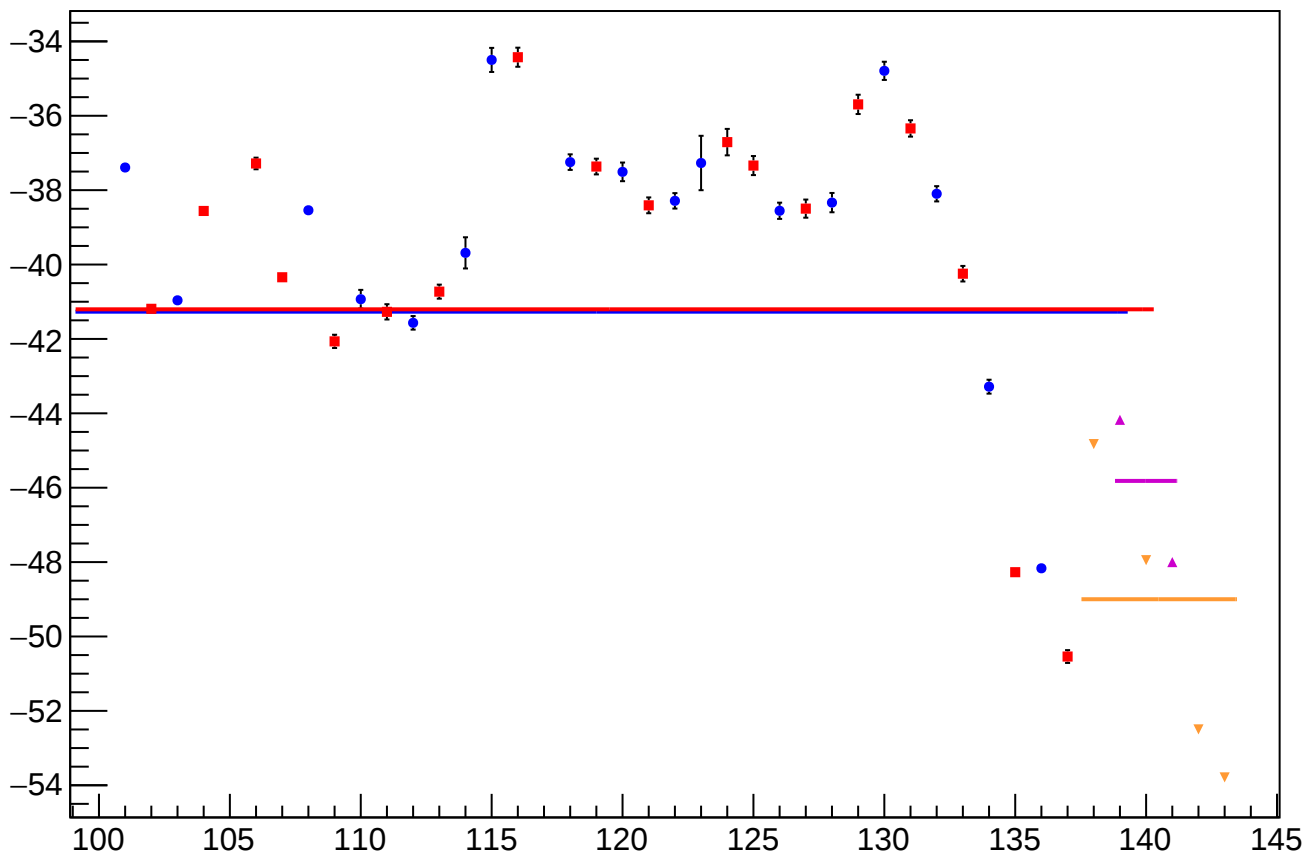
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 13.642 $\pm$ 0.646 χ^2 /NDF:507.6/18

Out: 14.458 $\pm$ 0.592 χ^2 /NDF:738.2/21

All: 14.085 $\pm$ 0.436 χ^2 /NDF: 1246.6/40

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: -41.204+/-0.039 χ^2/NDF : 12008.6/17

Left In: -45.817+/-0.055 χ^2/NDF : 1168.9/1

Left: -47.724+/-0.035 χ^2/NDF : 9512.1/5

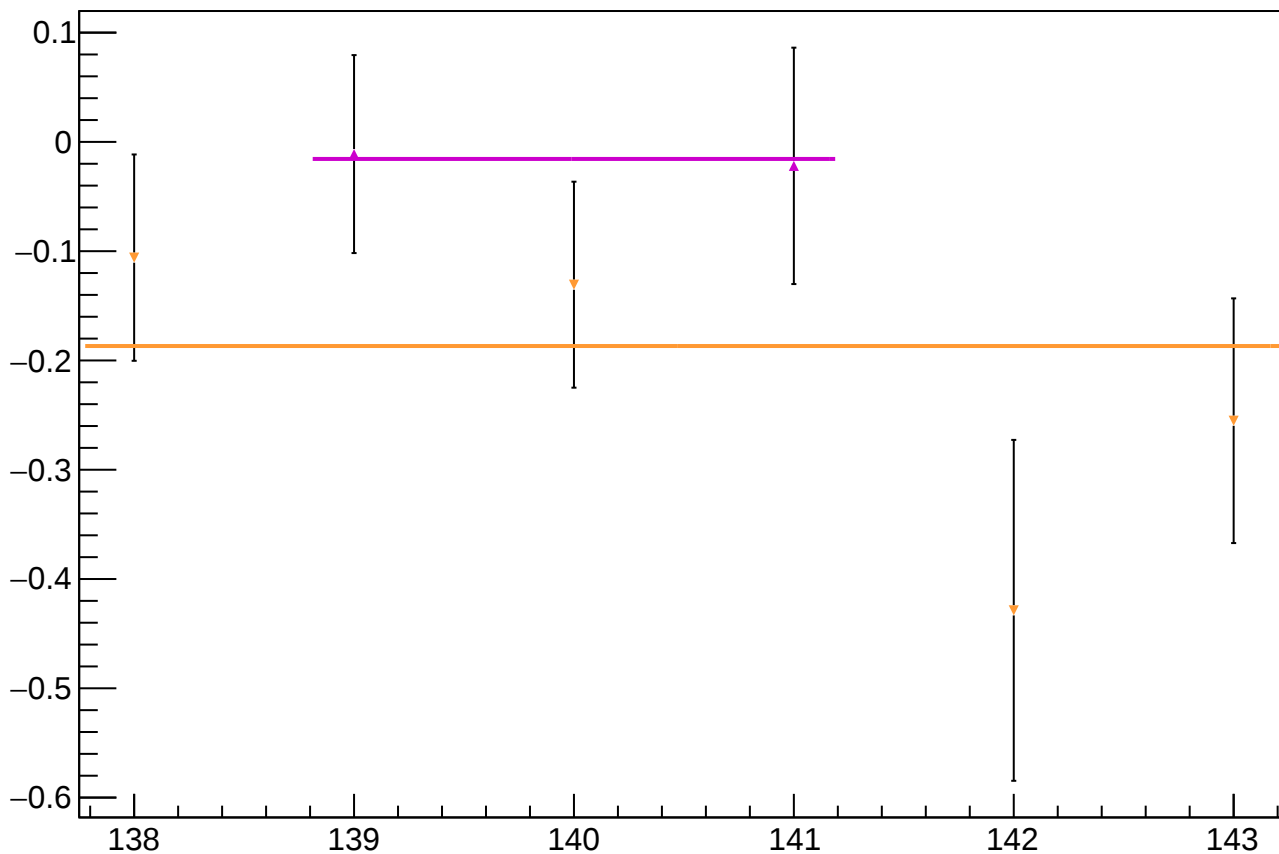
Right: -41.236+/-0.027 χ^2/NDF : 24591.7/34

In: -42.751+/-0.032 χ^2/NDF : 18299.2/18

Out: -44.508+/-0.029 χ^2/NDF : 35445.9/21

All: -43.691+/-0.022 χ^2/NDF : 55398.0/40

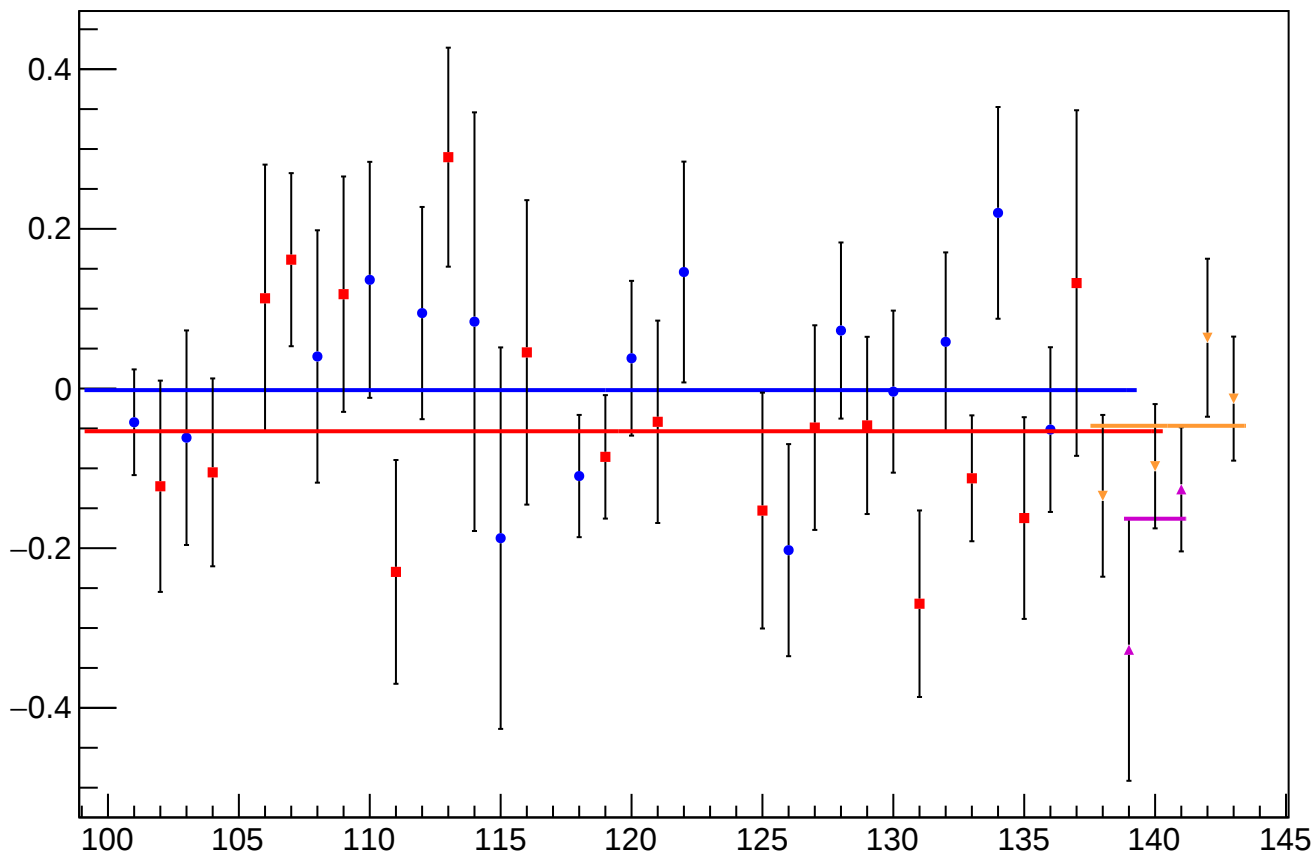
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.187+/-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: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.163 ± 0.070 χ^2/NDF : 1.2/1

Left: -0.079 ± 0.037 χ^2/NDF : 5.8/5

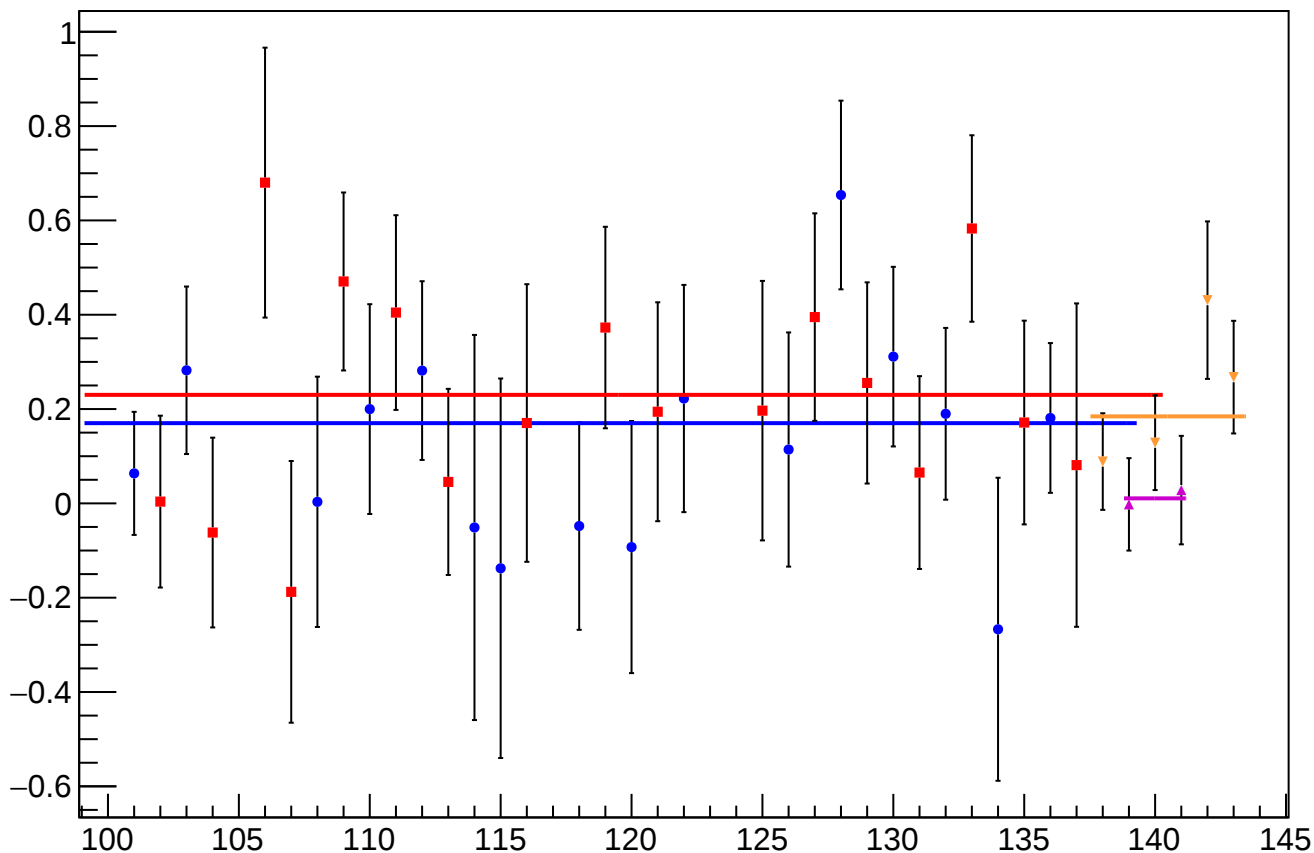
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.024 ± 0.026 χ^2/NDF : 17.8/17

Out: -0.051 ± 0.024 χ^2/NDF : 23.6/20

All: -0.039 ± 0.018 χ^2/NDF : 42.0/38

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.184 ± 0.058 $\chi^2/\text{NDF}: 3.8/3$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.011 ± 0.075 $\chi^2/\text{NDF}: 0.0/1$

Left: 0.119 ± 0.046 $\chi^2/\text{NDF}: 7.3/5$

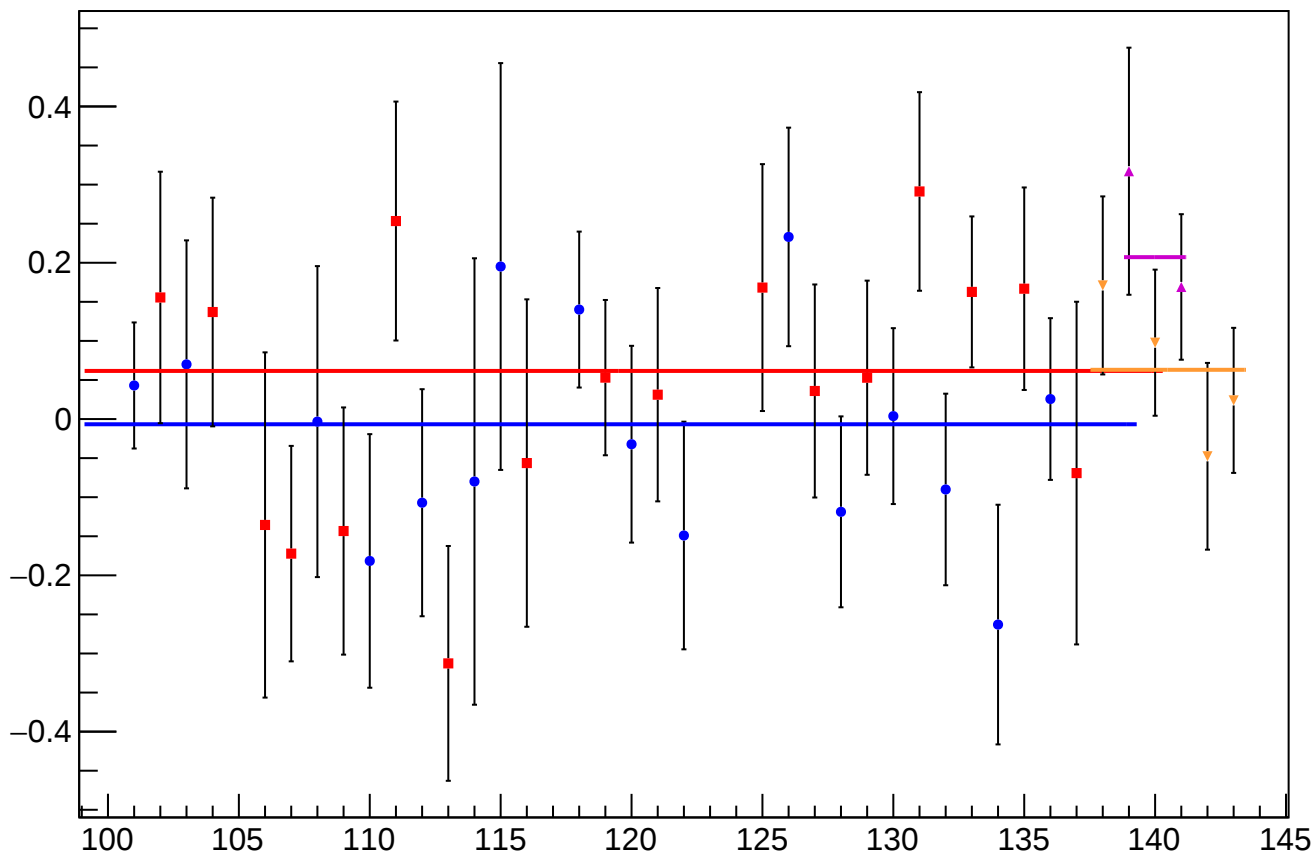
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.117 ± 0.043 $\chi^2/\text{NDF}: 16.1/17$

Out: 0.209 ± 0.039 $\chi^2/\text{NDF}: 21.0/20$

All: 0.167 ± 0.029 $\chi^2/\text{NDF}: 39.6/38$

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 : 20.0/16

Left In: 0.207 ± 0.080 χ^2/NDF : 0.7/1

Left: 0.105 ± 0.043 χ^2/NDF : 5.0/5

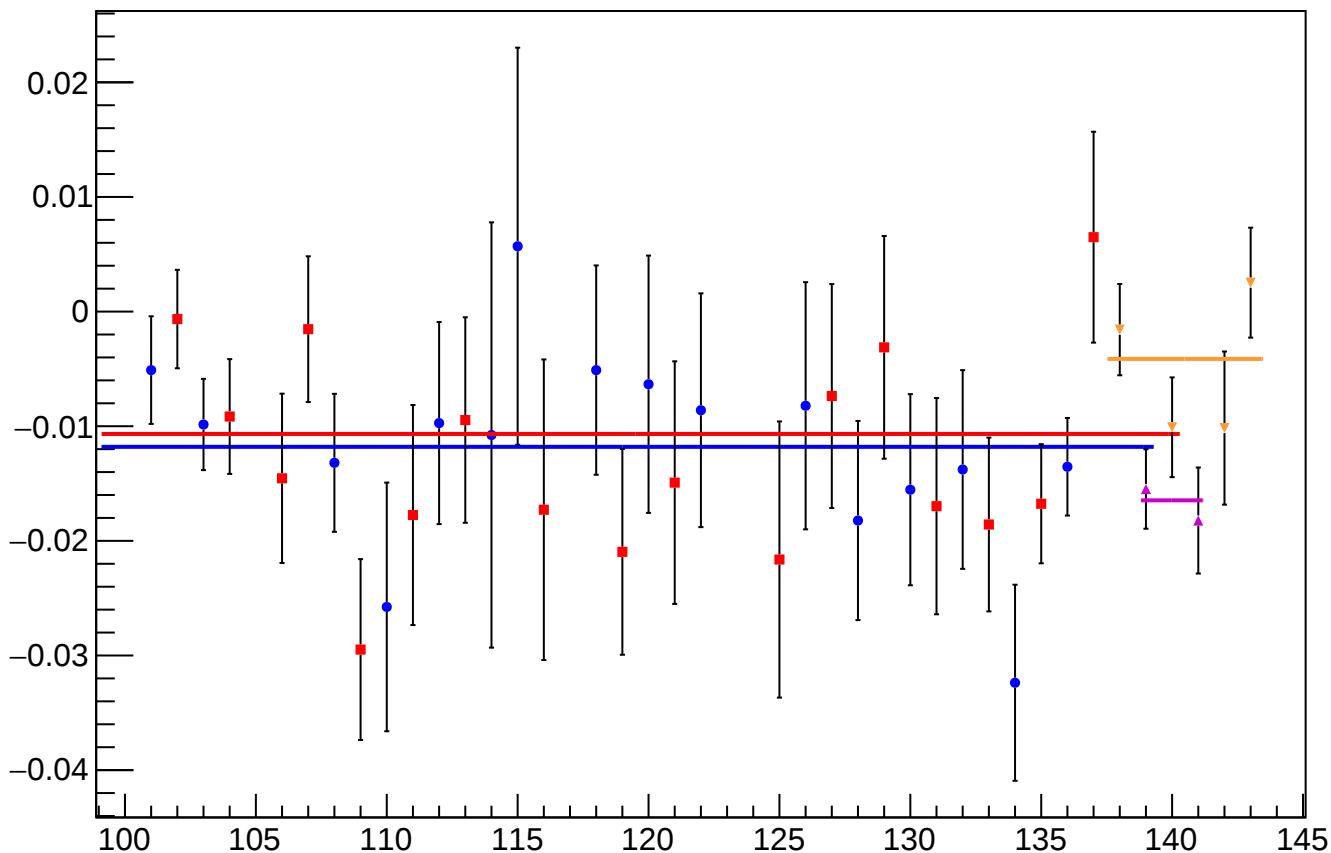
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.024 ± 0.030 χ^2/NDF : 20.0/17

Out: 0.062 ± 0.028 χ^2/NDF : 22.1/20

All: 0.044 ± 0.021 χ^2/NDF : 42.9/38

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.004 ± 0.002 χ^2/NDF : 5.0/3

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.016 ± 0.003 χ^2/NDF : 0.2/1

Left: -0.009 ± 0.002 χ^2/NDF : 16.8/5

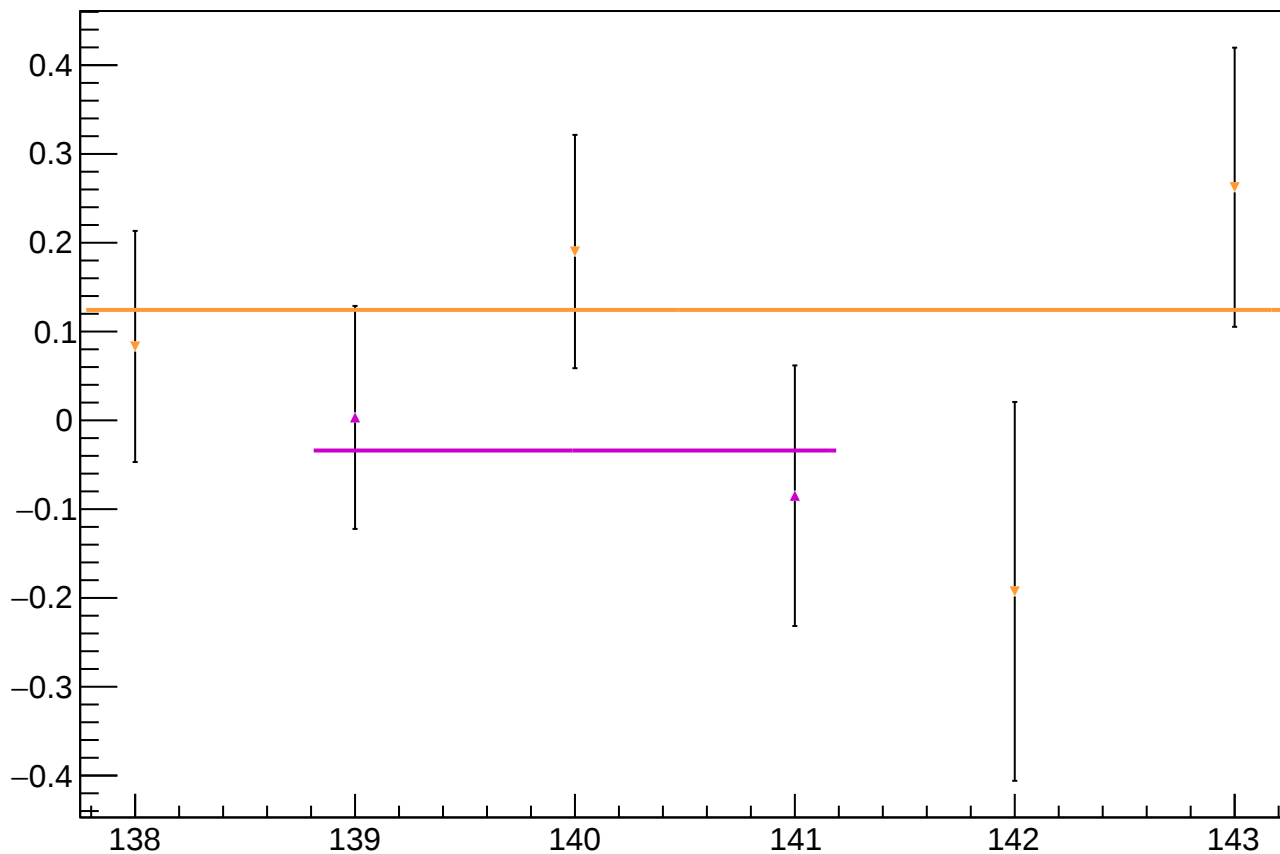
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.013 ± 0.002 χ^2/NDF : 15.0/17

Out: -0.008 ± 0.001 χ^2/NDF : 33.7/20

All: -0.011 ± 0.001 χ^2/NDF : 54.4/38

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.124 $\pm$ 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

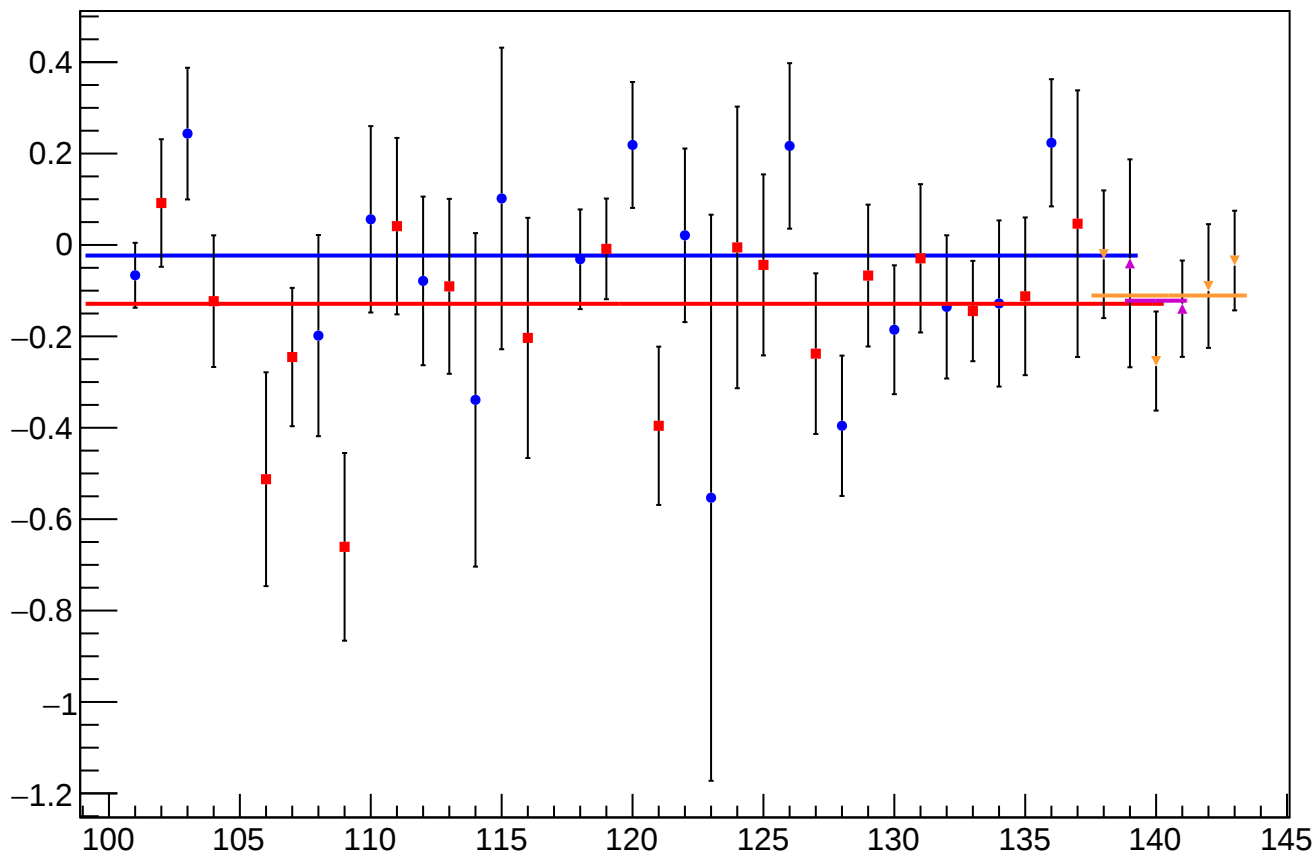
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.111 ± 0.060 $\chi^2/\text{NDF}: 2.7/3$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.6/17$

Left In: -0.122 ± 0.096 $\chi^2/\text{NDF}: 0.2/1$

Left: -0.114 ± 0.051 $\chi^2/\text{NDF}: 2.8/5$

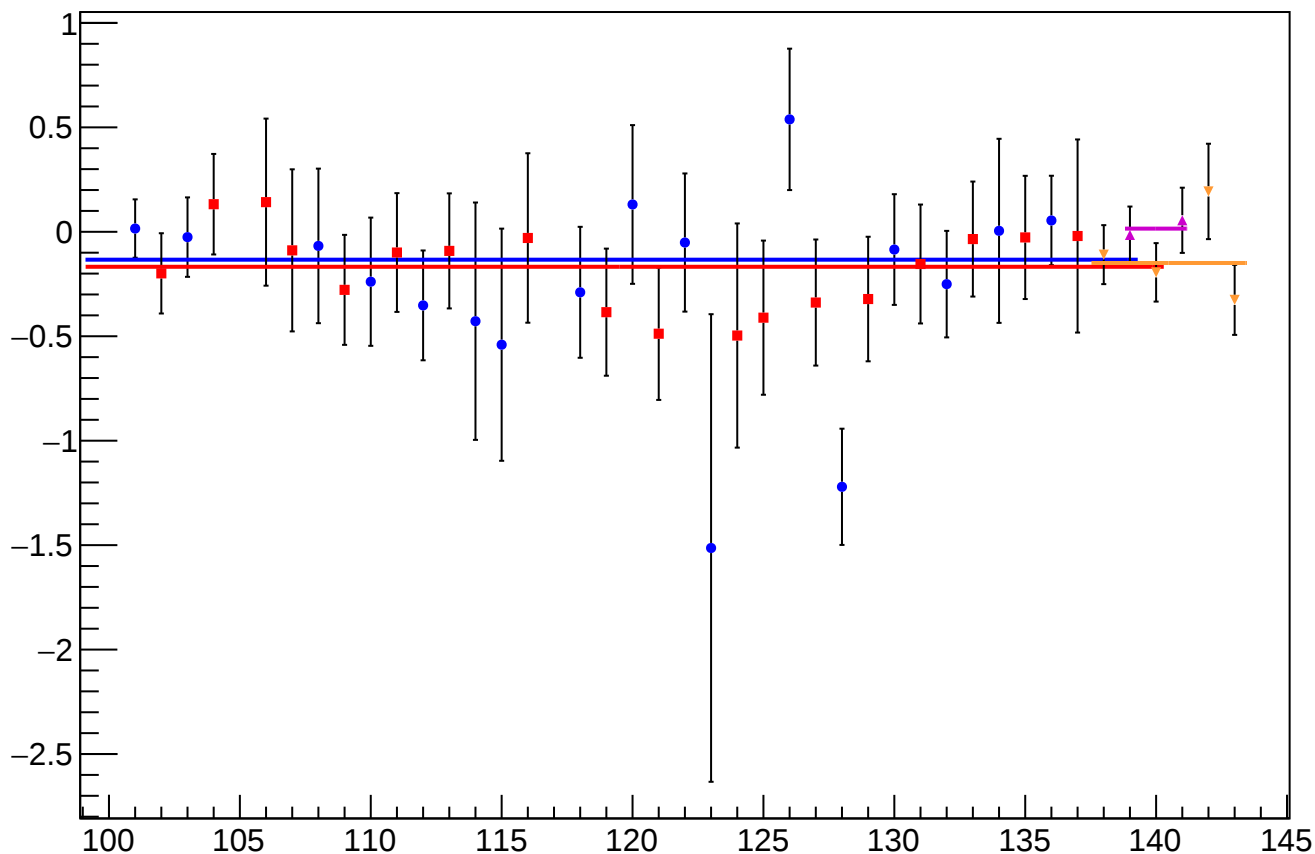
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.036 ± 0.034 $\chi^2/\text{NDF}: 23.5/18$

Out: -0.123 ± 0.033 $\chi^2/\text{NDF}: 21.4/21$

All: -0.081 ± 0.024 $\chi^2/\text{NDF}: 48.3/40$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.149 ± 0.080 χ^2/NDF : 3.5/3

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.015 ± 0.102 χ^2/NDF : 0.1/1

Left: -0.087 ± 0.063 χ^2/NDF : 5.3/5

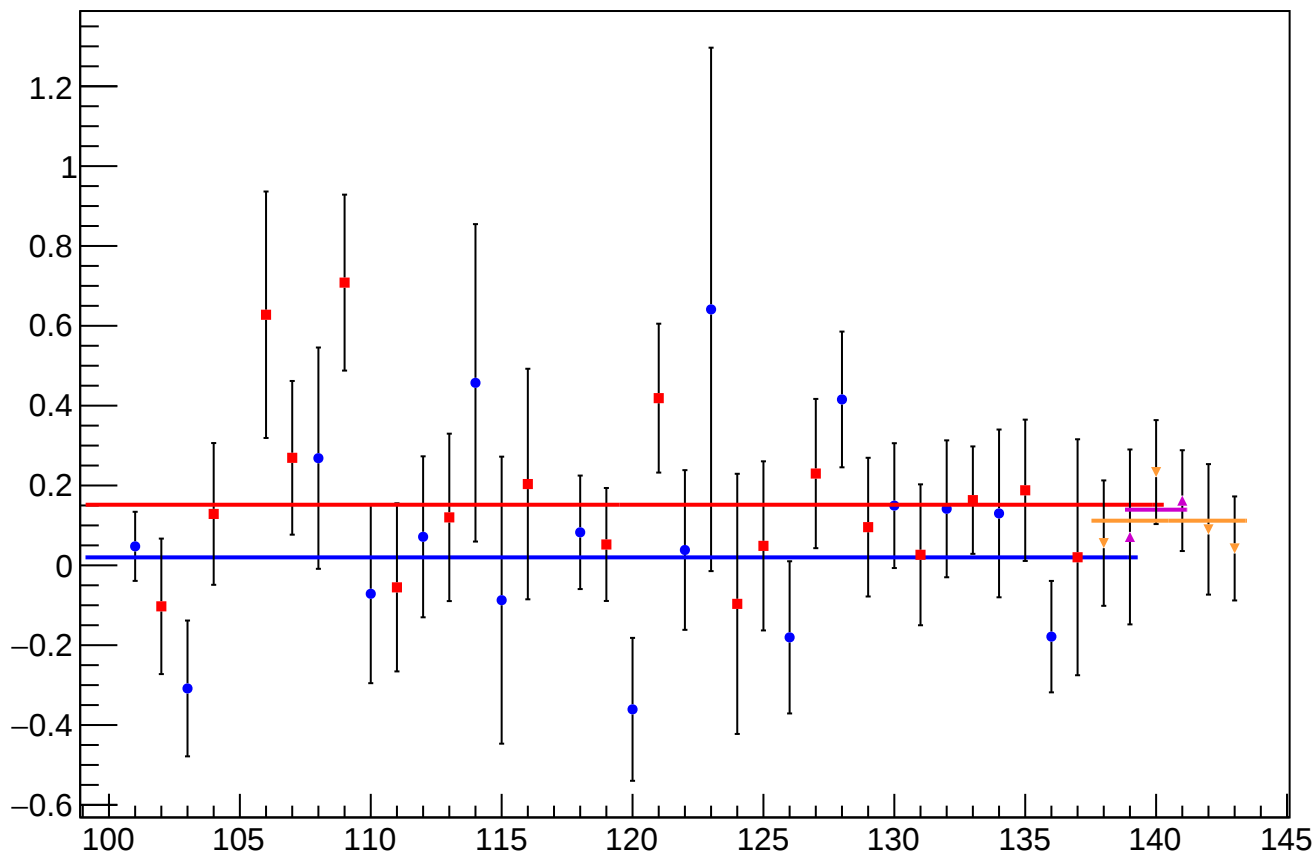
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.089 ± 0.056 χ^2/NDF : 27.3/18

Out: -0.159 ± 0.053 χ^2/NDF : 9.7/21

All: -0.126 ± 0.039 χ^2/NDF : 37.9/40

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 0.112 ± 0.071 $\chi^2/\text{NDF}: 1.3/3$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.139 ± 0.109 $\chi^2/\text{NDF}: 0.1/1$

Left: 0.120 ± 0.060 $\chi^2/\text{NDF}: 1.5/5$

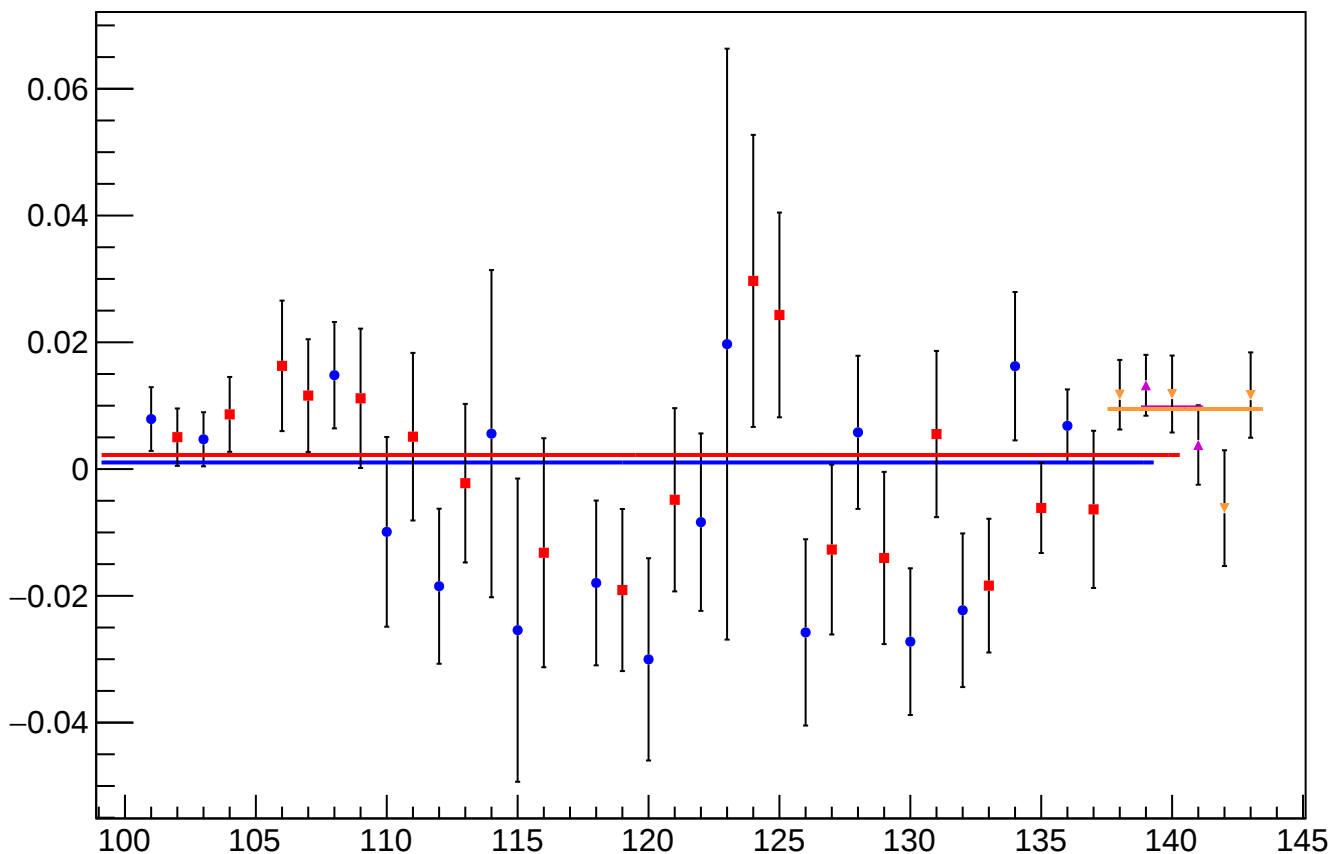
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.036 ± 0.039 $\chi^2/\text{NDF}: 23.0/18$

Out: 0.140 ± 0.038 $\chi^2/\text{NDF}: 18.3/21$

All: 0.089 ± 0.027 $\chi^2/\text{NDF}: 44.9/40$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.003 χ^2 /NDF: 3.4/3

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

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

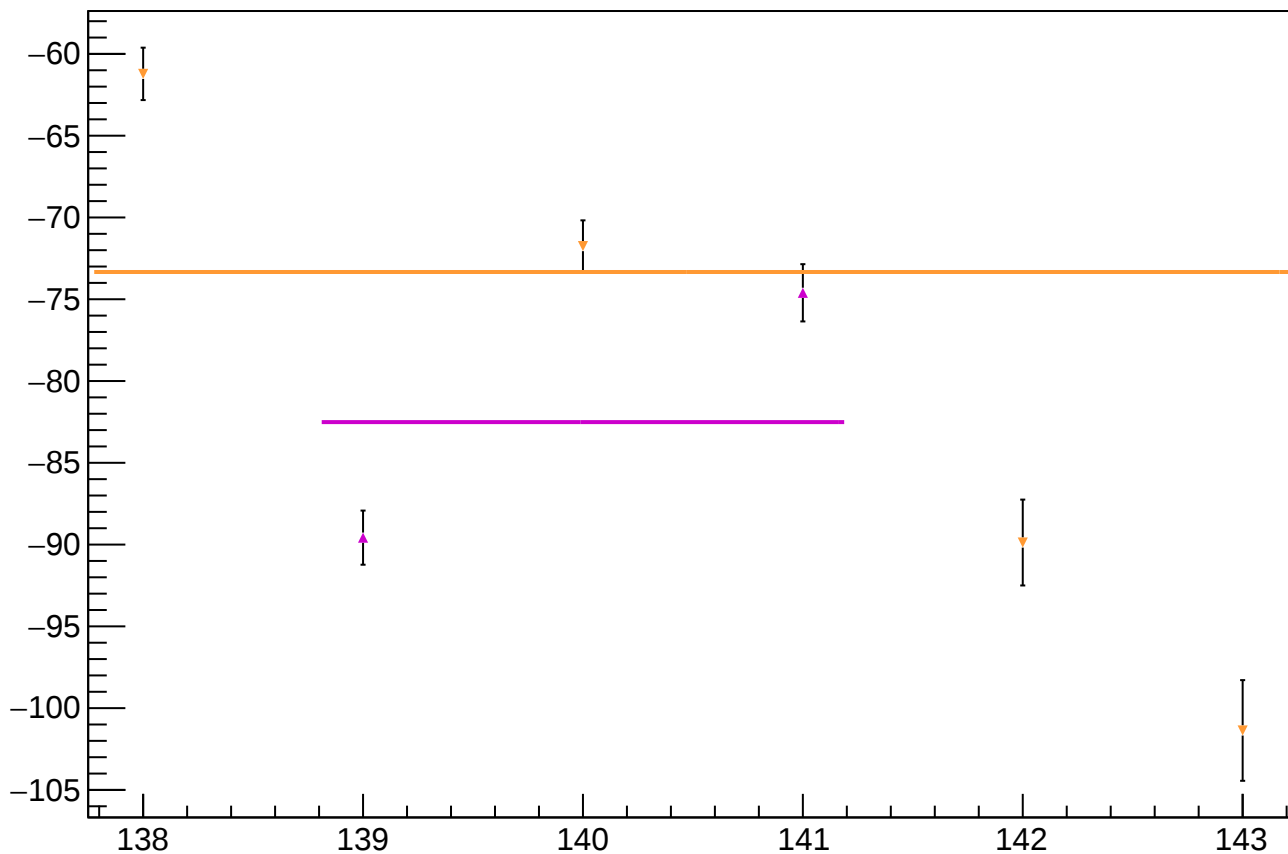
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.003 $\pm$ 0.002 χ^2 /NDF: 37.3/18

Out: 0.005 $\pm$ 0.002 χ^2 /NDF: 27.5/21

All: 0.004 $\pm$ 0.001 χ^2 /NDF: 65.1/40

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

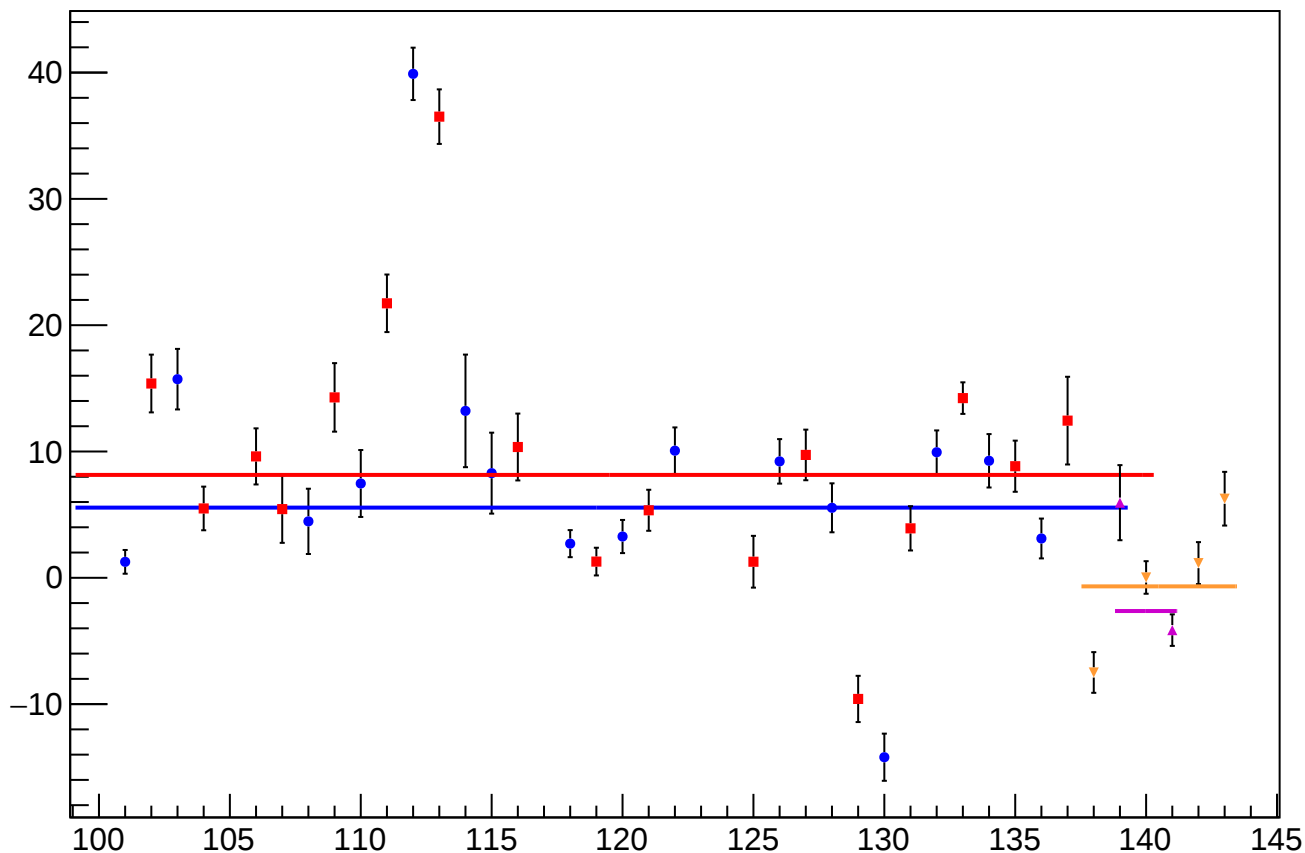
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: -2.630 ± 1.151 $\chi^2/\text{NDF}: 9.8/1$

Left: -1.311 ± 0.656 $\chi^2/\text{NDF}: 41.8/5$

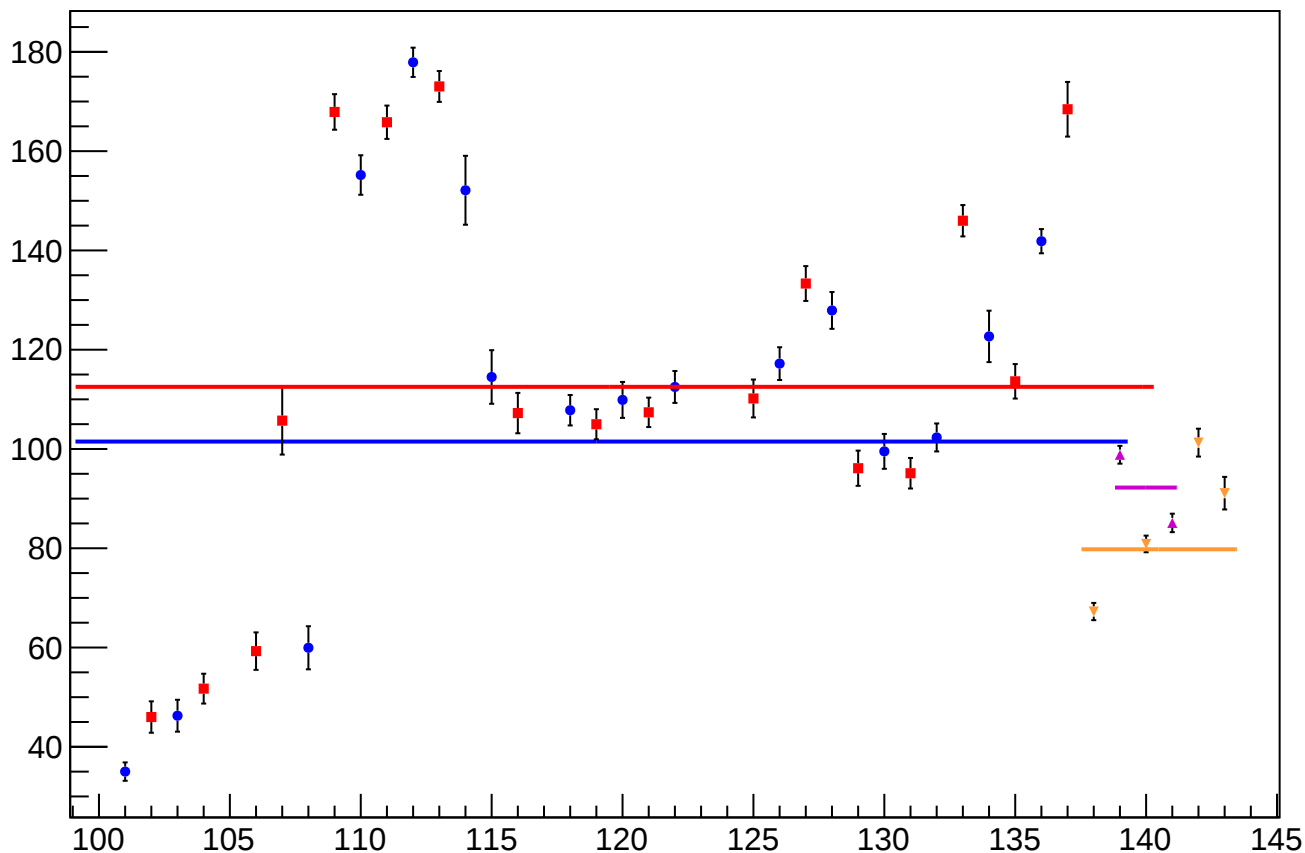
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 4.579 ± 0.398 $\chi^2/\text{NDF}: 516.3/17$

Out: 5.986 ± 0.395 $\chi^2/\text{NDF}: 529.2/20$

All: 5.288 ± 0.280 $\chi^2/\text{NDF}: 1051.9/38$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2/NDF : 2973.0/15

Left Out: 79.789 $\pm$ 1.050 χ^2/NDF :122.9/3

Right Out: 112.521 $\pm$ 0.843 χ^2/NDF : 2236.9/16

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

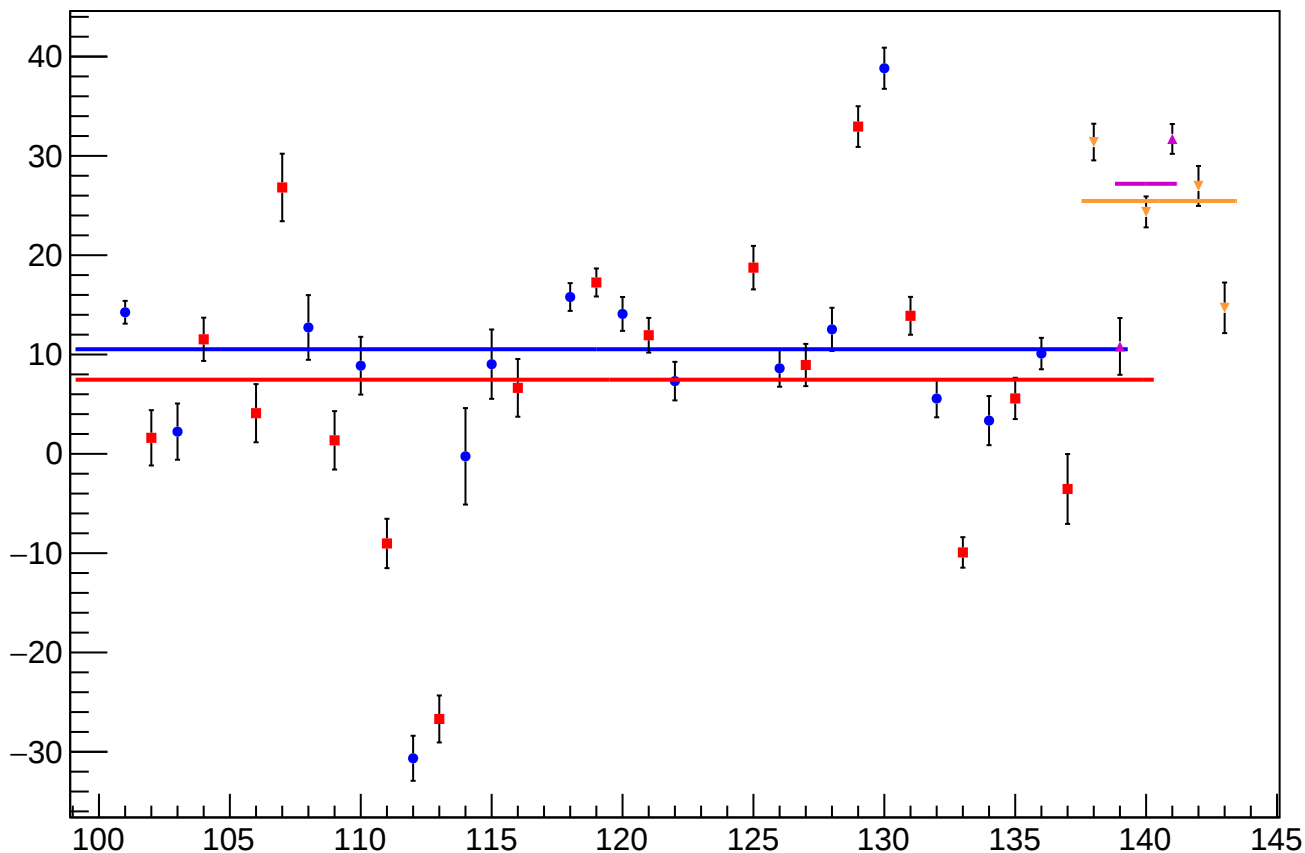
Right: 106.775 $\pm$ 0.583 χ^2/NDF : 5299.0/32

In: 98.886 $\pm$ 0.685 χ^2/NDF :3038.2/17

Out: 99.687 $\pm$ 0.657 χ^2/NDF :2950.7/20

All: 99.303 $\pm$ 0.474 χ^2/NDF : 5989.6/38

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 25.462 $\pm$ 0.950 χ^2 /NDF: 29.3/3

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

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

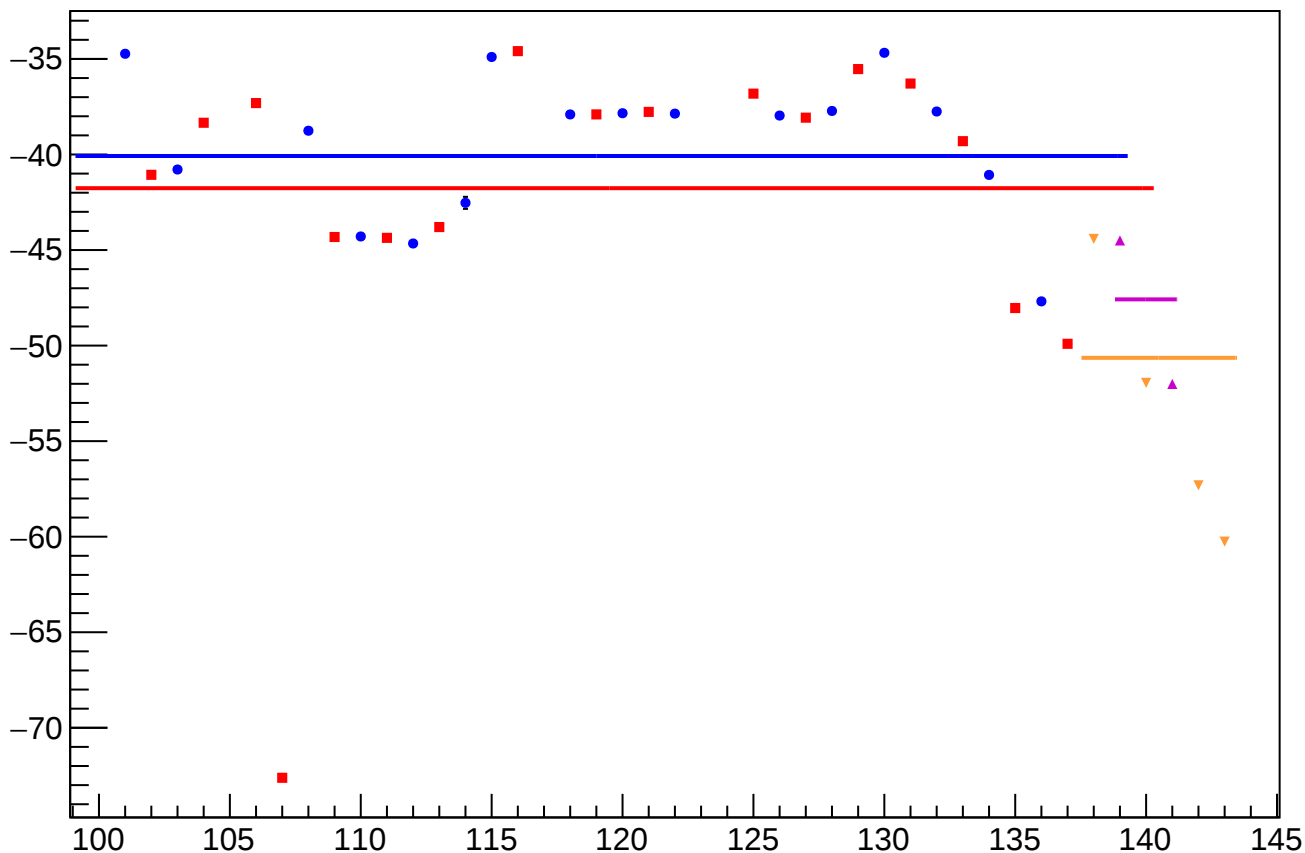
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 12.543 $\pm$ 0.462 χ^2 /NDF: 760.1/17

Out: 11.678 $\pm$ 0.460 χ^2 /NDF: 989.2/20

All: 12.108 $\pm$ 0.326 χ^2 /NDF: 1751.0/38

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -50.640 ± 0.043 χ^2/NDF : 17328.0/3

Right Out: -41.764 ± 0.029 χ^2/NDF : 60249.3/16

Left In: -47.581 ± 0.048 χ^2/NDF : 5848.5/1

Left: -49.278 ± 0.032 χ^2/NDF : 25400.7/5

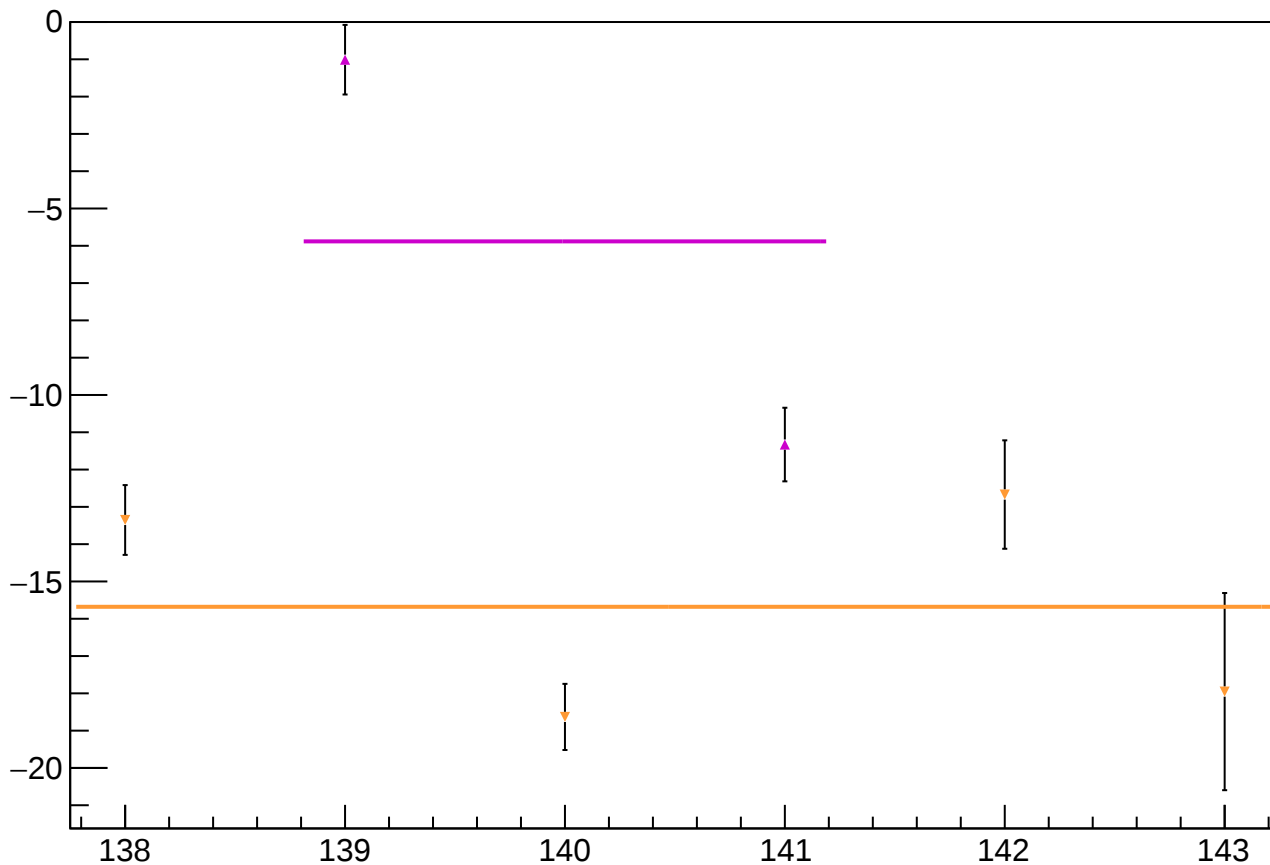
Right: -40.903 ± 0.020 χ^2/NDF : 87139.1/32

In: -41.988 ± 0.024 χ^2/NDF : 48980.7/17

Out: -44.495 ± 0.024 χ^2/NDF : 106708.5/20

All: -43.261 ± 0.017 χ^2/NDF : 161060.9/38

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.679+/-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

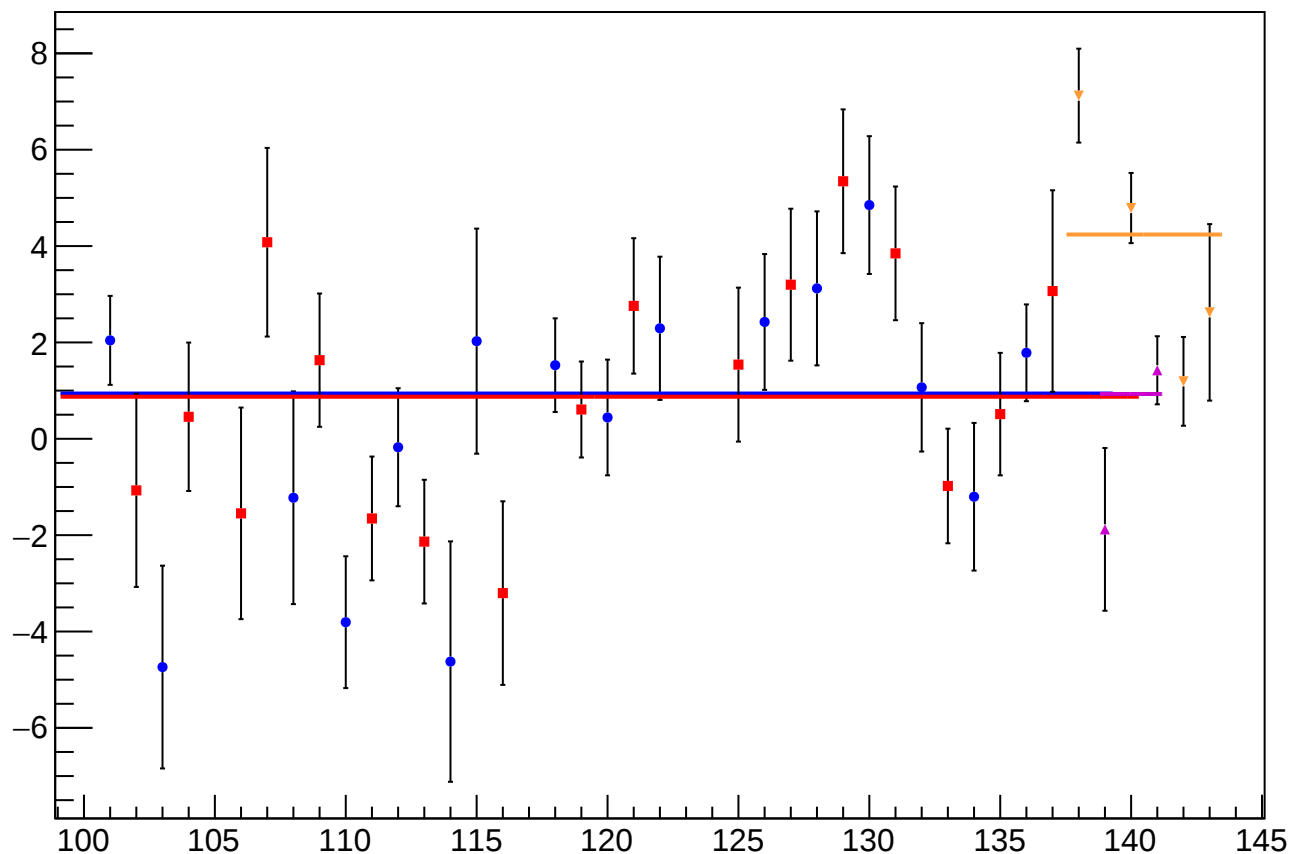
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 4.240 ± 0.476 $\chi^2/\text{NDF}: 21.0/3$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 0.931 ± 0.652 $\chi^2/\text{NDF}: 3.3/1$

Left: 3.088 ± 0.384 $\chi^2/\text{NDF}: 41.1/5$

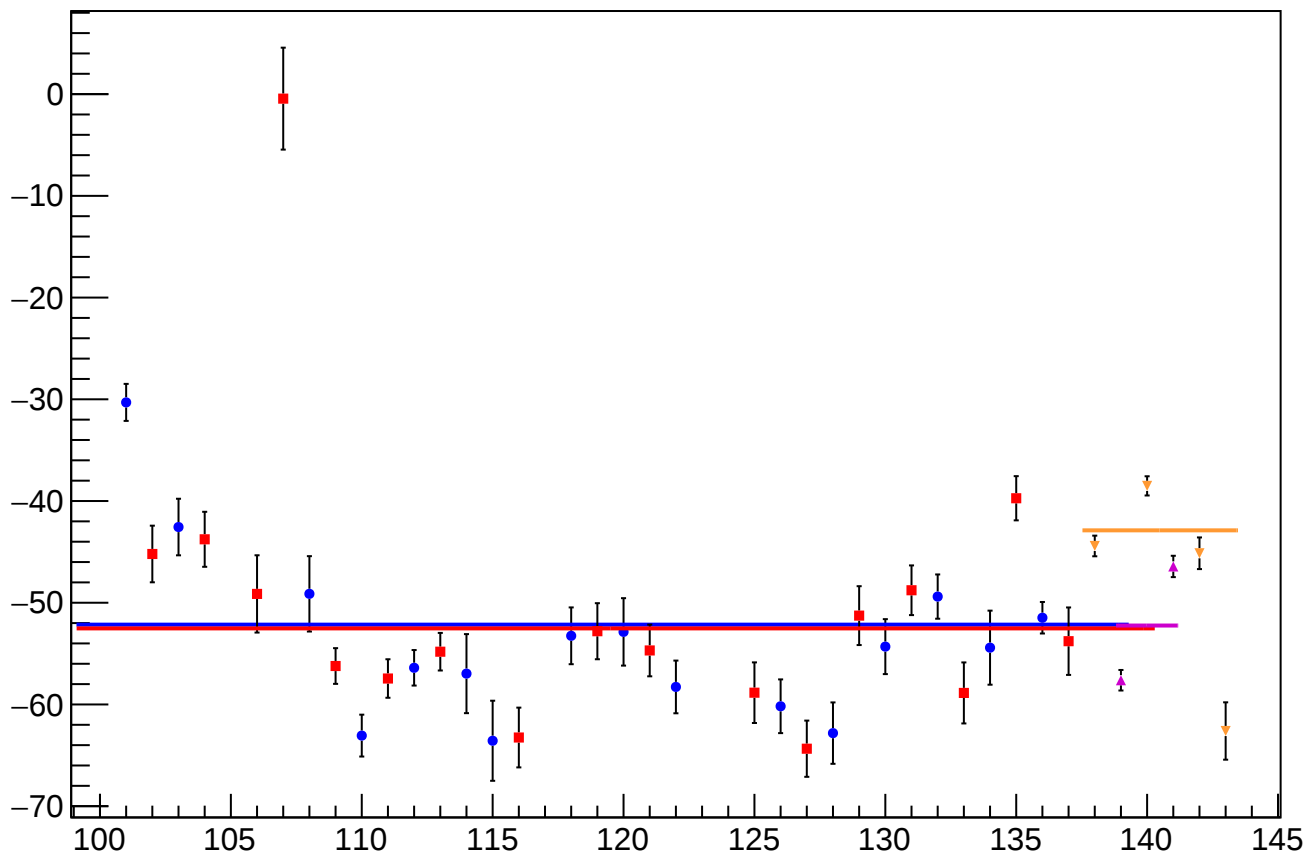
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 0.938 ± 0.301 $\chi^2/\text{NDF}: 45.5/17$

Out: 2.072 ± 0.284 $\chi^2/\text{NDF}: 93.8/20$

All: 1.536 ± 0.206 $\chi^2/\text{NDF}: 146.8/38$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -42.884 ± 0.616 χ^2/NDF : 74.8/3

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -52.241 ± 0.728 χ^2/NDF : 59.0/1

Left: -46.795 ± 0.470 χ^2/NDF : 230.1/5

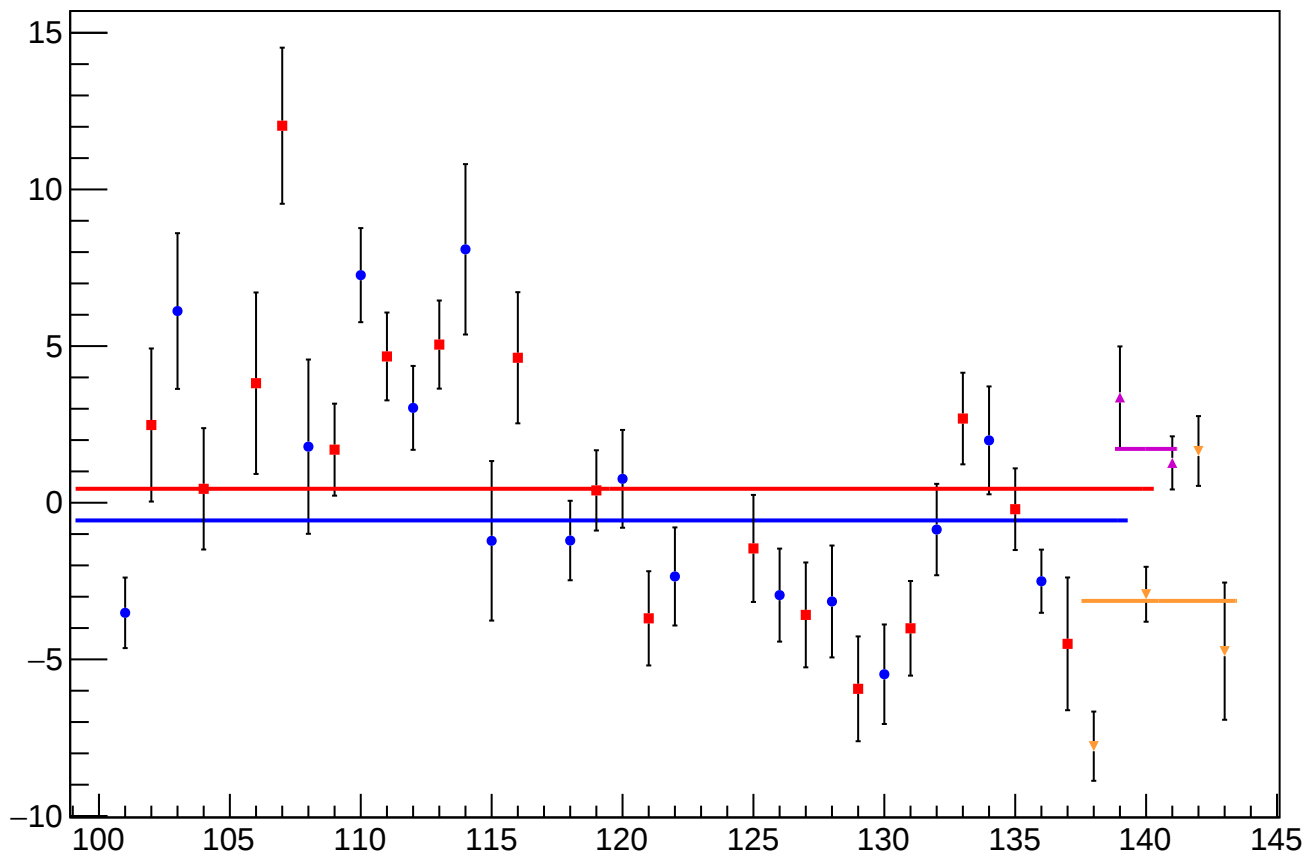
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -52.190 ± 0.469 χ^2/NDF : 290.1/17

Out: -47.692 ± 0.436 χ^2/NDF : 414.4/20

All: -49.780 ± 0.319 χ^2/NDF : 753.8/38

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: -3.133 ± 0.565 χ^2/NDF : 36.7/3

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 1.718 ± 0.752 χ^2/NDF : 1.3/1

Left: -1.383 ± 0.452 χ^2/NDF : 64.6/5

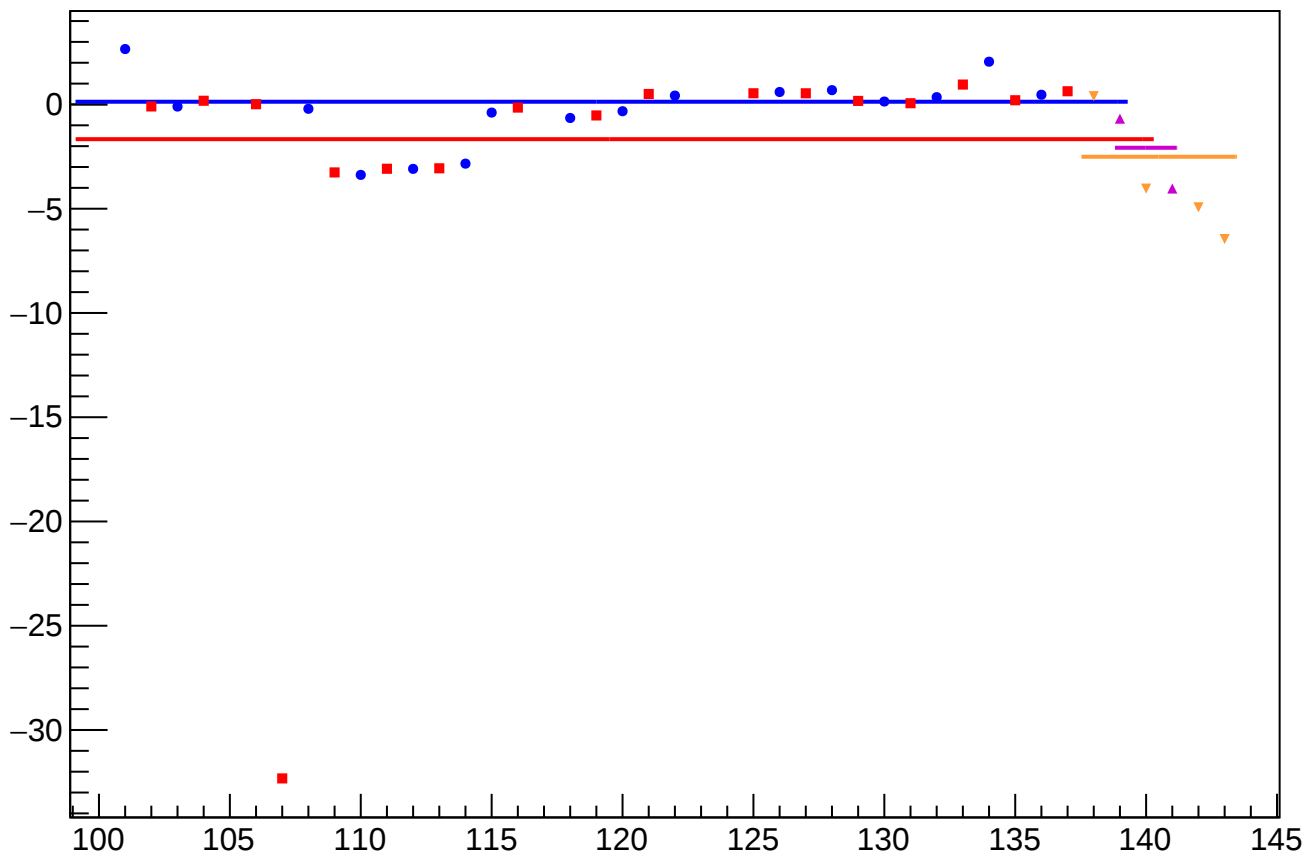
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: -0.092 ± 0.342 χ^2/NDF : 90.5/17

Out: -0.751 ± 0.326 χ^2/NDF : 157.5/20

All: -0.437 ± 0.236 χ^2/NDF : 249.9/38

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130+/-0.022 χ^2/NDF : 5232.9/15

Left Out: -2.508+/-0.025 χ^2/NDF : 9470.3/3

Right Out: -1.665+/-0.022 χ^2/NDF : 77602.8/16

Left In: -2.076+/-0.027 χ^2/NDF : 3668.9/1

Left: -2.308+/-0.019 χ^2/NDF : 13273.8/5

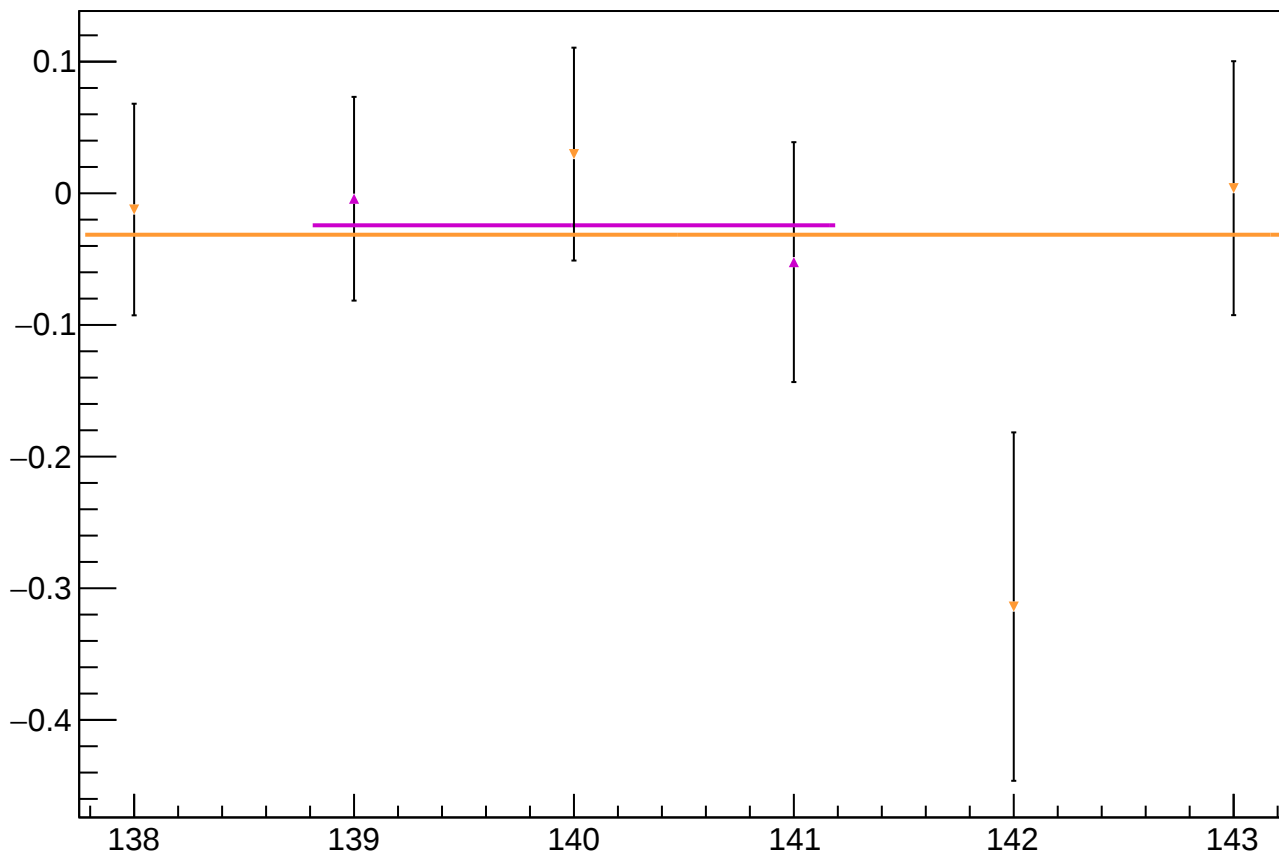
Right: -0.752+/-0.015 χ^2/NDF : 86255.5/32

In: -0.717+/-0.017 χ^2/NDF : 12939.8/17

Out: -2.026+/-0.017 χ^2/NDF : 87708.7/20

All: -1.385+/-0.012 χ^2/NDF : 103714.2/38

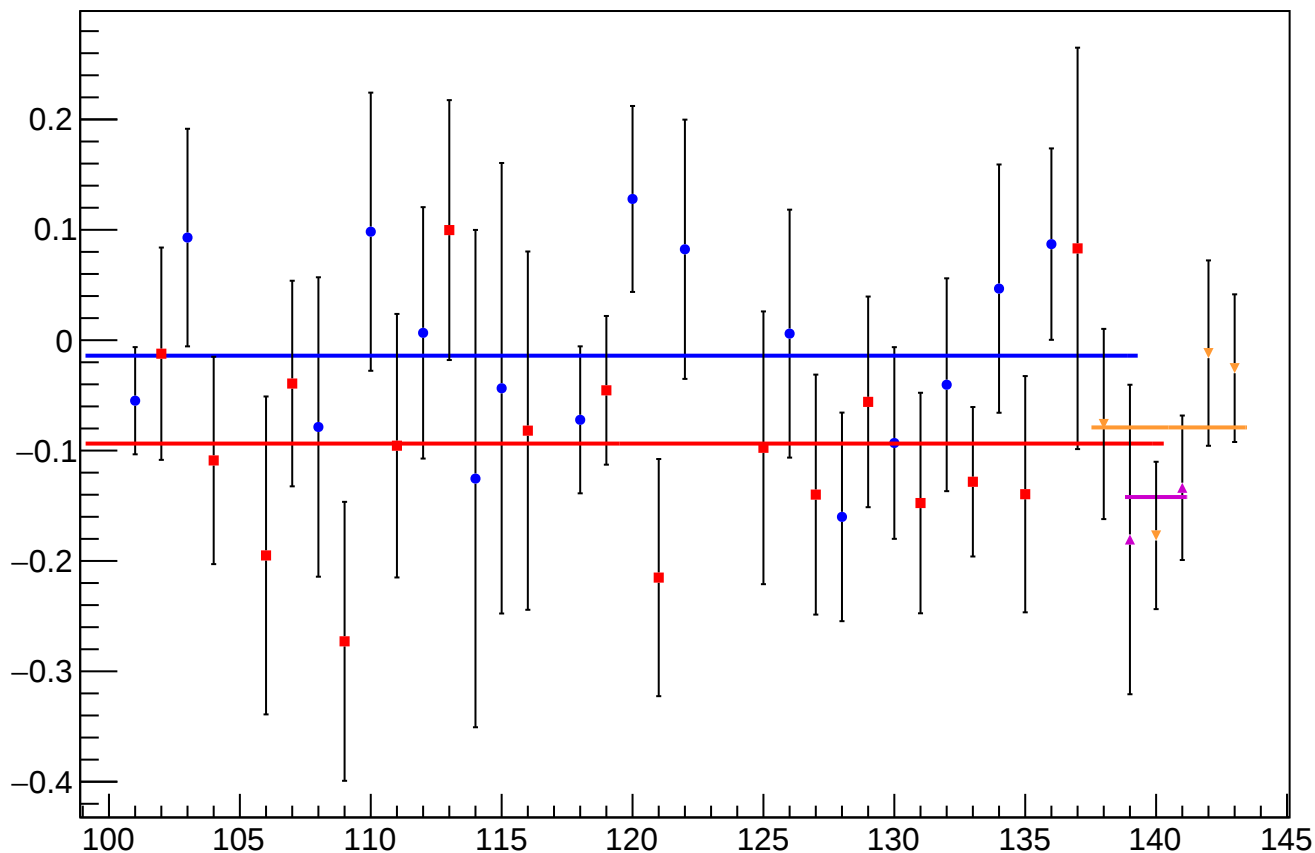
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.079 ± 0.037 χ^2/NDF : 3.4/3

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.142 ± 0.059 χ^2/NDF : 0.1/1

Left: -0.097 ± 0.031 χ^2/NDF : 4.3/5

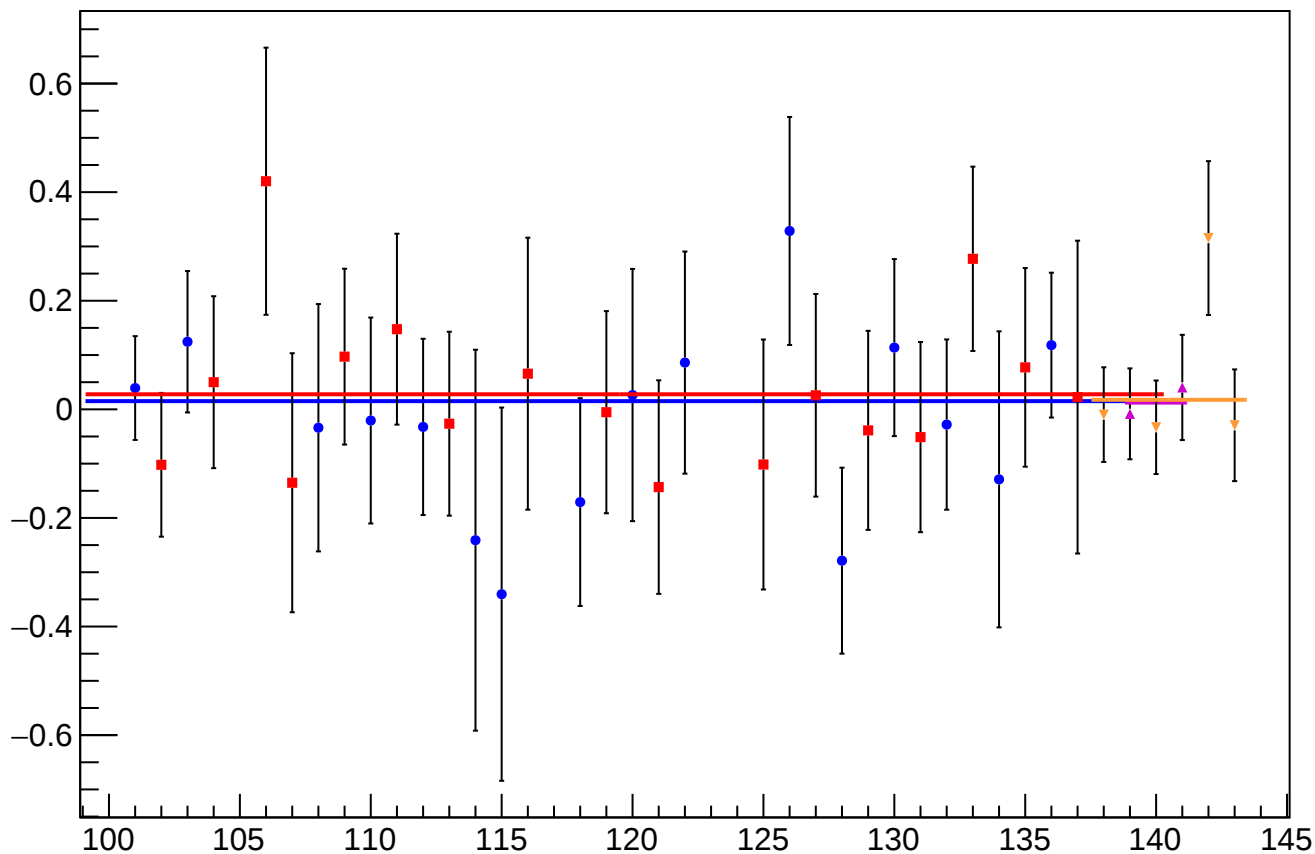
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.031 ± 0.022 χ^2/NDF : 16.6/17

Out: -0.089 ± 0.021 χ^2/NDF : 13.7/20

All: -0.062 ± 0.015 χ^2/NDF : 34.0/38

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.018+/-0.049 χ^2/NDF : 5.1/3

Right Out: 0.028+/-0.045 χ^2/NDF : 8.4/16

Left In: 0.013+/-0.063 χ^2/NDF : 0.1/1

Left: 0.016+/-0.039 χ^2/NDF : 5.2/5

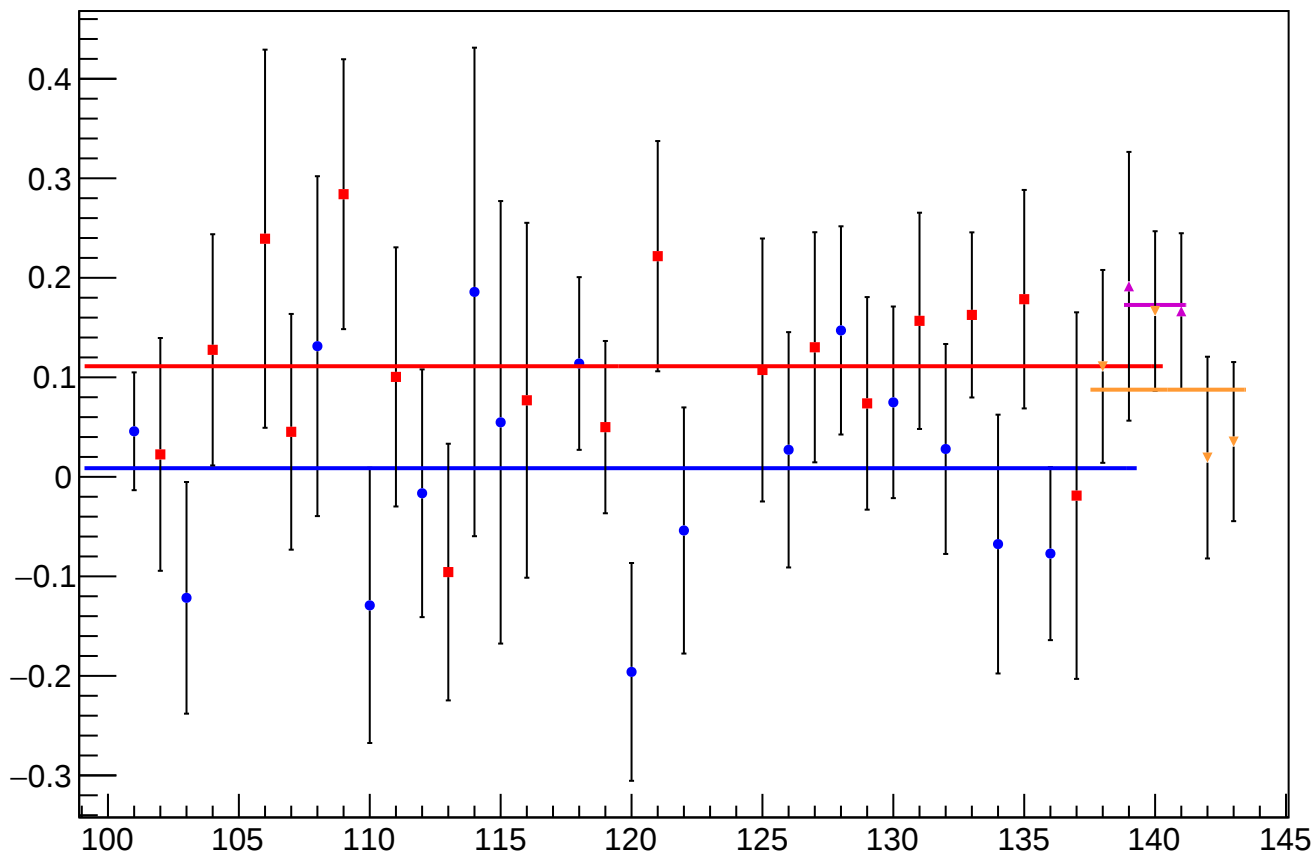
Right: 0.021+/-0.031 χ^2/NDF : 18.6/32

In: 0.014+/-0.035 χ^2/NDF : 10.2/17

Out: 0.023+/-0.033 χ^2/NDF : 13.5/20

All: 0.019+/-0.024 χ^2/NDF : 23.8/38

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.088 $\pm$ 0.044 χ^2 /NDF: 1.9/3

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.173 $\pm$ 0.068 χ^2 /NDF: 0.0/1

Left: 0.113 $\pm$ 0.037 χ^2 /NDF: 3.0/5

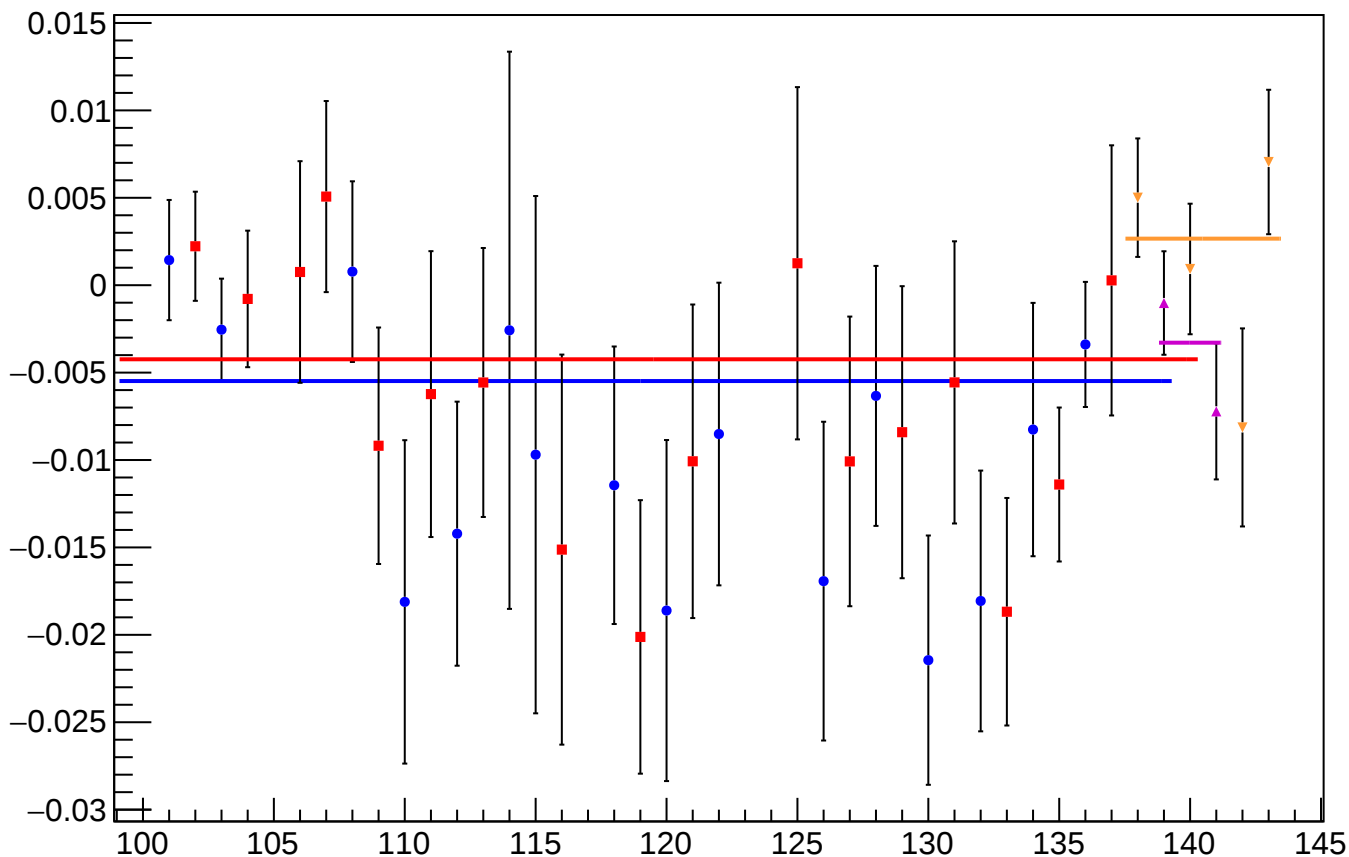
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.031 $\pm$ 0.025 χ^2 /NDF: 17.7/17

Out: 0.104 $\pm$ 0.024 χ^2 /NDF: 10.7/20

All: 0.069 $\pm$ 0.017 χ^2 /NDF: 32.8/38

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.003 ± 0.002 χ^2/NDF : 5.5/3

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.003 ± 0.002 χ^2/NDF : 1.6/1

Left: 0.000 ± 0.002 χ^2/NDF : 10.8/5

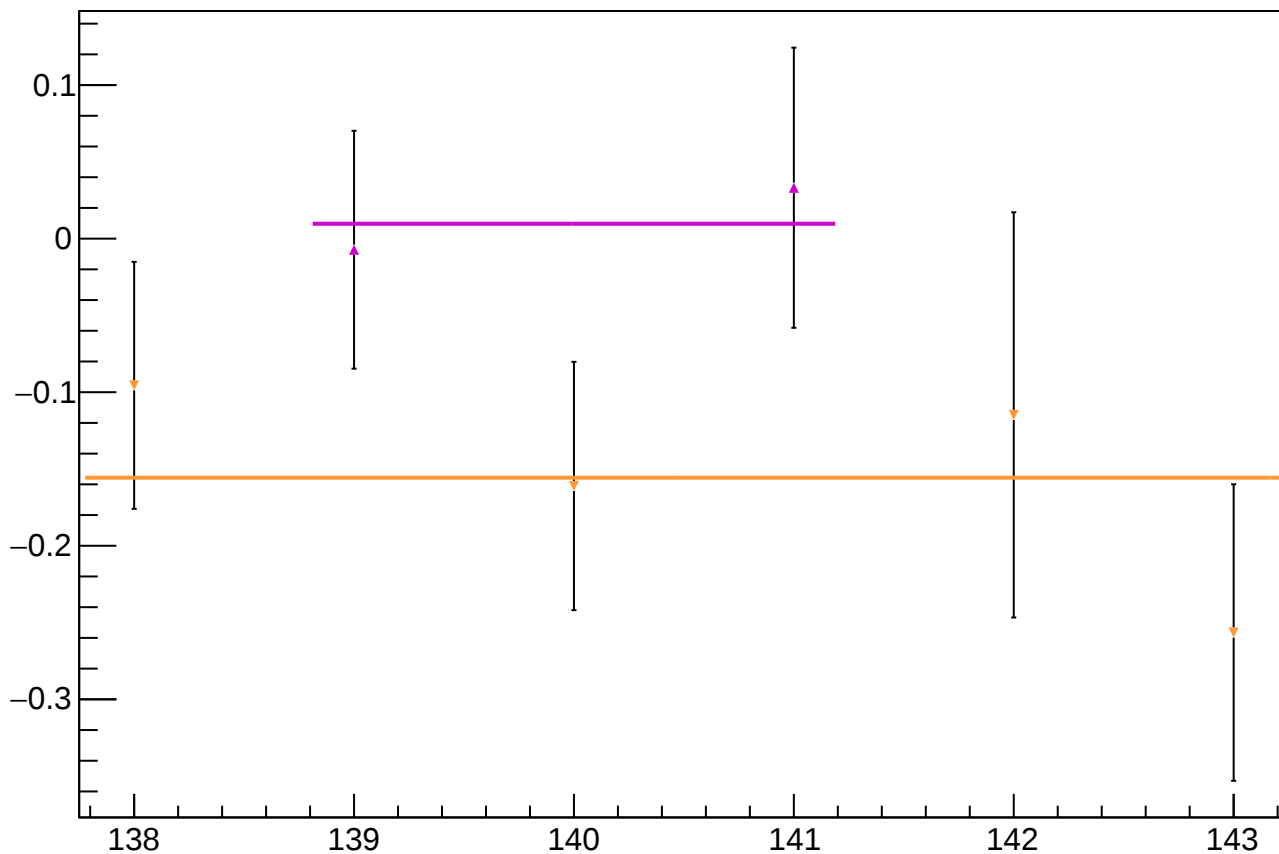
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.005 ± 0.001 χ^2/NDF : 24.5/17

Out: -0.002 ± 0.001 χ^2/NDF : 36.9/20

All: -0.003 ± 0.001 χ^2/NDF : 64.6/38

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

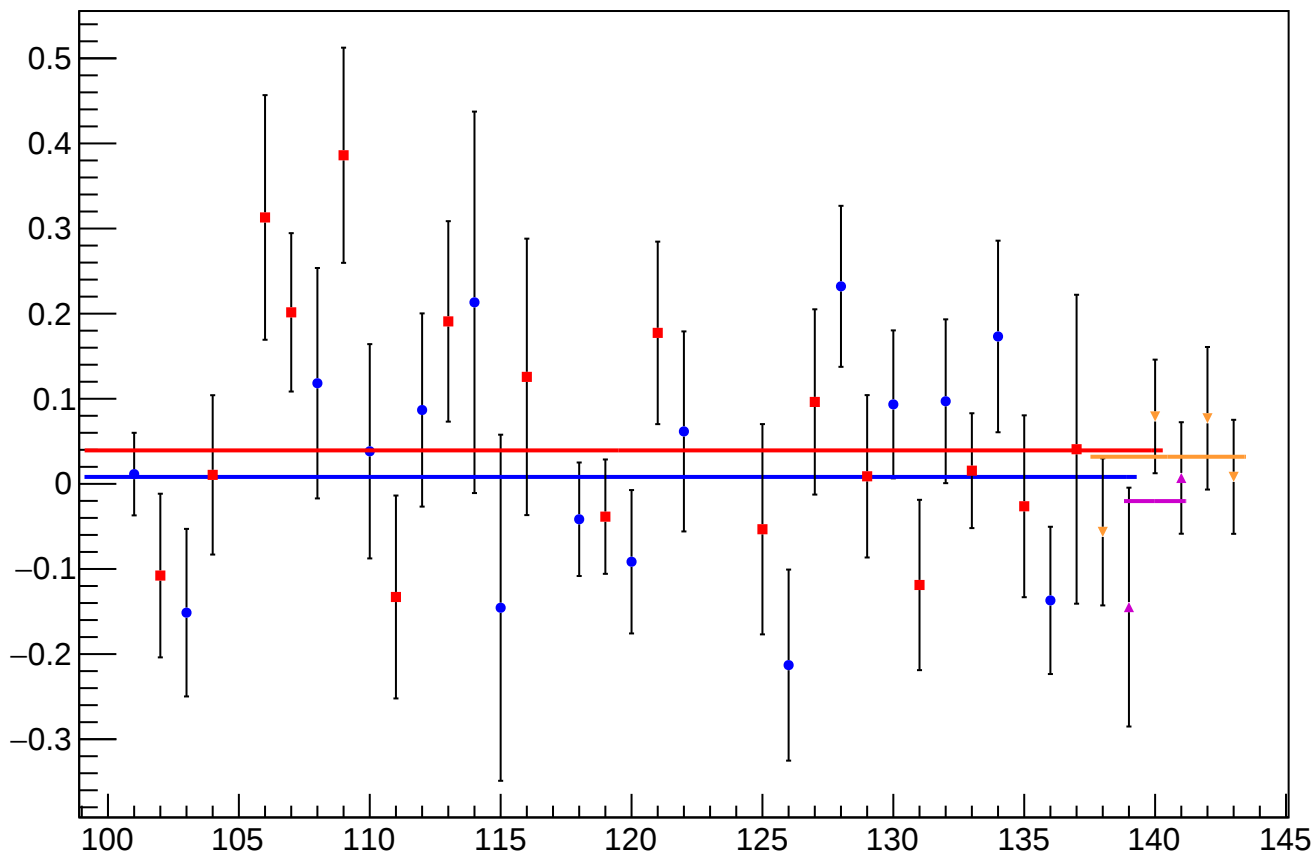
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 27.6/16

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

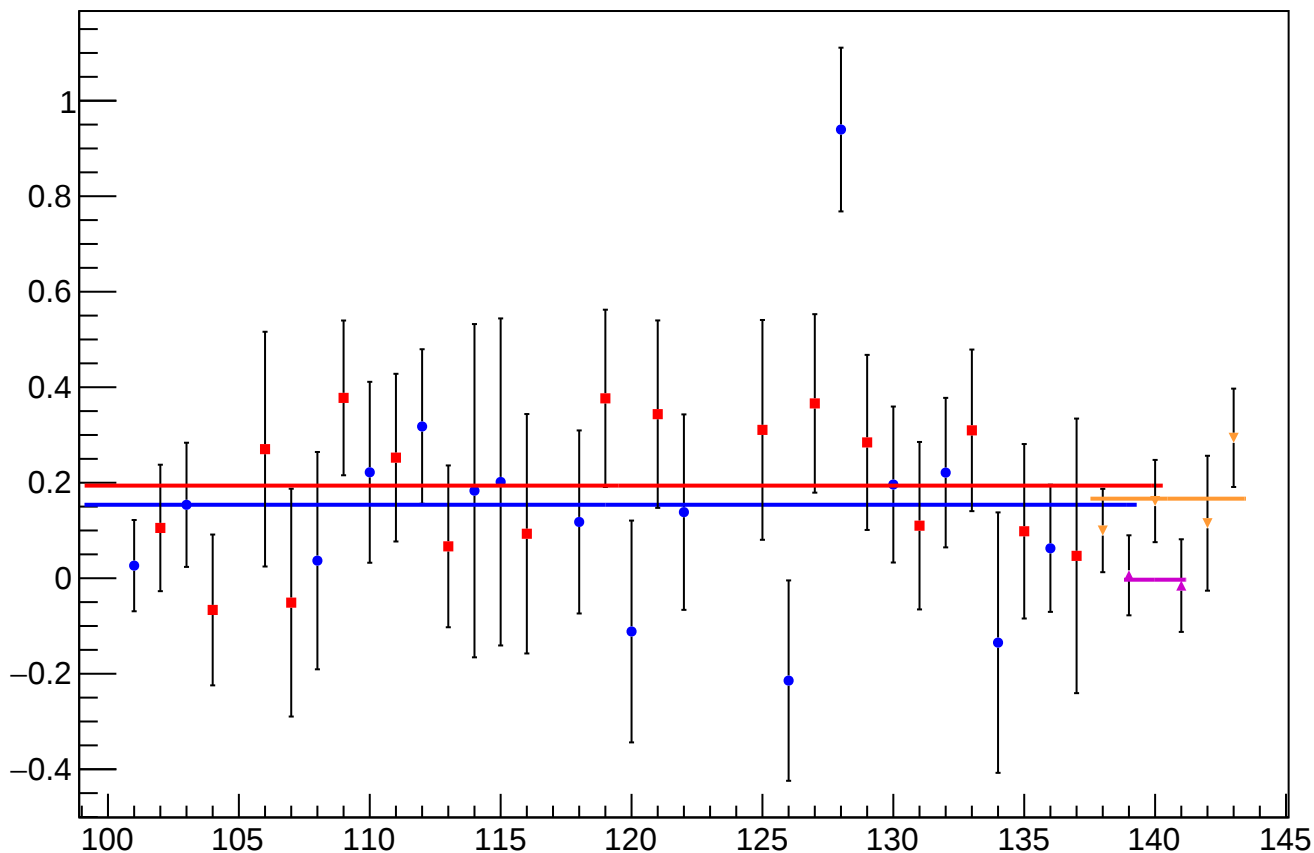
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.004 $\pm$ 0.022 χ^2 /NDF: 24.8/17

Out: 0.037 $\pm$ 0.021 χ^2 /NDF: 29.6/20

All: 0.022 $\pm$ 0.015 χ^2 /NDF: 55.6/38

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 χ^2/NDF : 30.5/15

Left Out: 0.167 ± 0.049 χ^2/NDF : 2.3/3

Right Out: 0.194 ± 0.045 χ^2/NDF : 10.6/16

Left In: -0.003 ± 0.063 χ^2/NDF : 0.0/1

Left: 0.103 ± 0.039 χ^2/NDF : 6.7/5

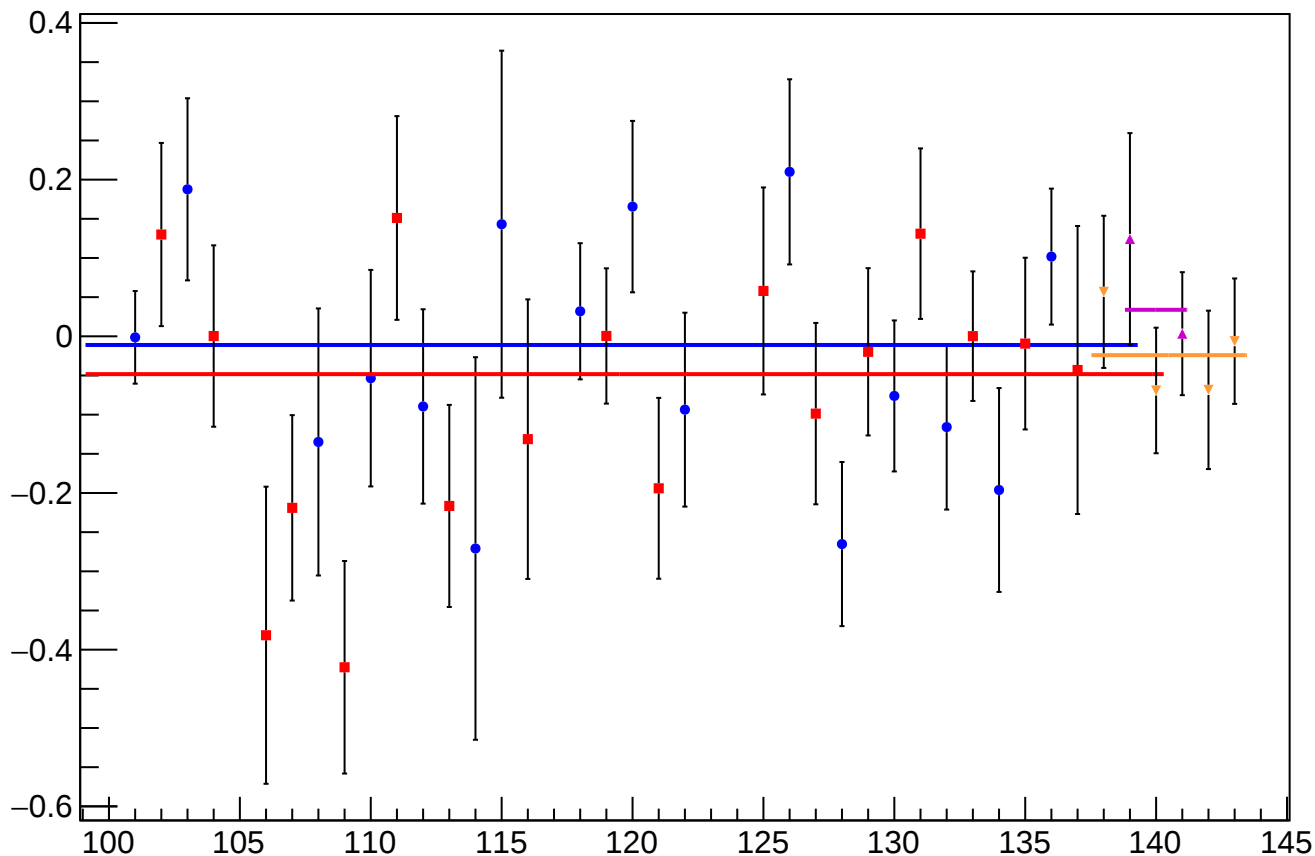
Right: 0.173 ± 0.031 χ^2/NDF : 41.5/32

In: 0.105 ± 0.035 χ^2/NDF : 34.7/17

Out: 0.182 ± 0.033 χ^2/NDF : 13.0/20

All: 0.146 ± 0.024 χ^2/NDF : 50.2/38

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: -0.024 ± 0.044 χ^2/NDF : 1.3/3

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: 0.034 ± 0.068 χ^2/NDF : 0.6/1

Left: -0.007 ± 0.037 χ^2/NDF : 2.4/5

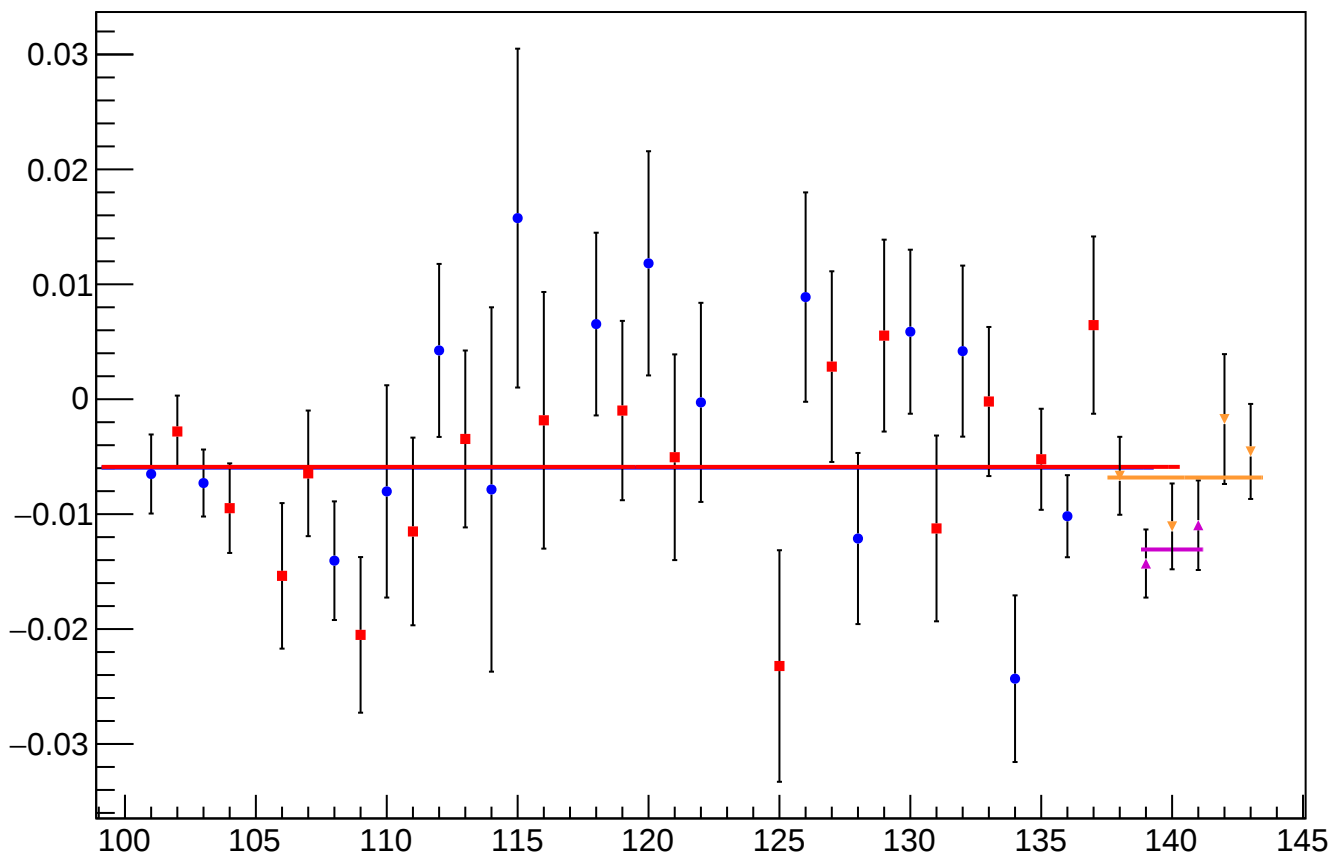
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.005 ± 0.025 χ^2/NDF : 24.4/17

Out: -0.041 ± 0.024 χ^2/NDF : 27.0/20

All: -0.024 ± 0.017 χ^2/NDF : 52.5/38

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.007 ± 0.002 χ^2/NDF : 2.4/3

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.013 ± 0.002 χ^2/NDF : 0.5/1

Left: -0.009 ± 0.002 χ^2/NDF : 7.0/5

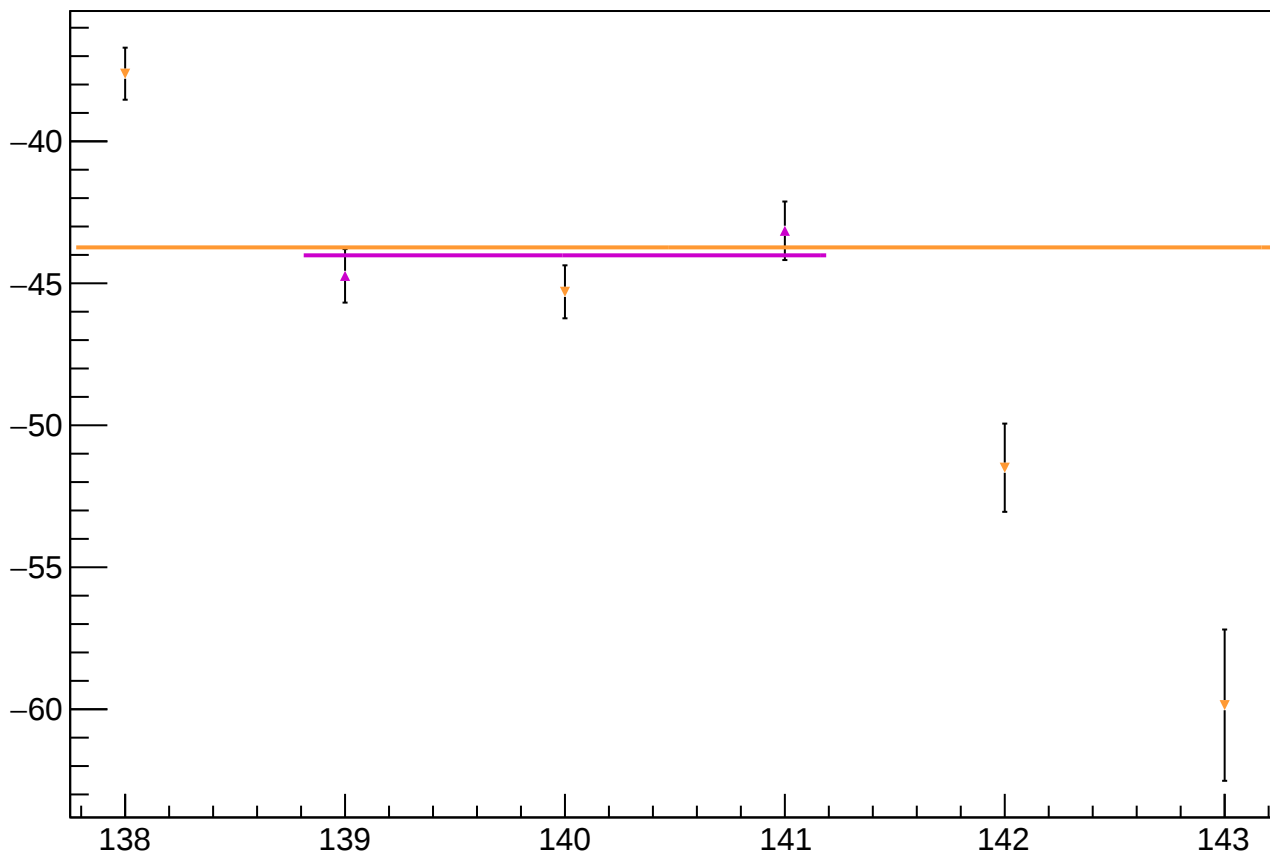
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.008 ± 0.001 χ^2/NDF : 35.9/17

Out: -0.006 ± 0.001 χ^2/NDF : 22.1/20

All: -0.007 ± 0.001 χ^2/NDF : 58.9/38

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

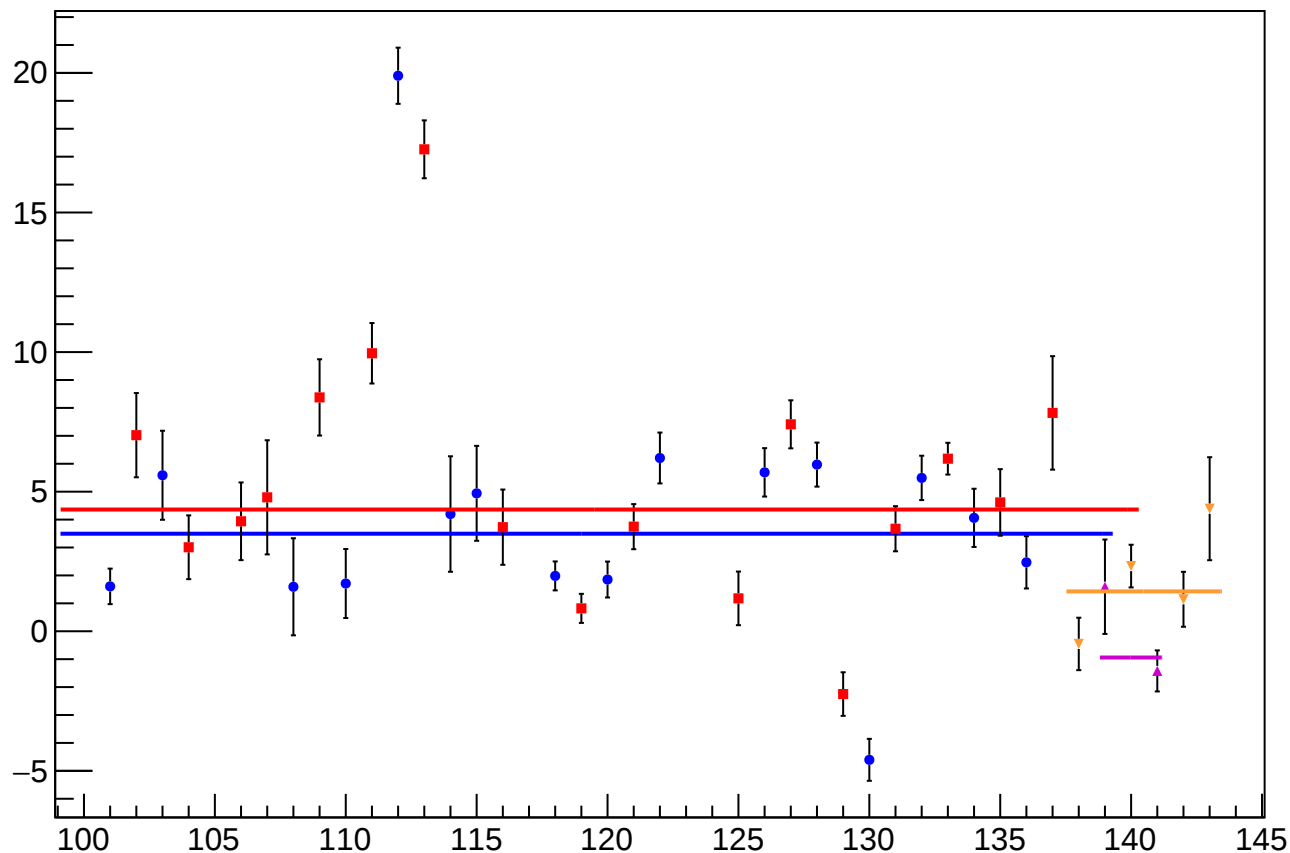
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 4.360 ± 0.225 $\chi^2/\text{NDF}: 351.0/16$

Left In: -0.941 ± 0.674 $\chi^2/\text{NDF}: 2.7/1$

Left: 0.610 ± 0.396 $\chi^2/\text{NDF}: 18.8/5$

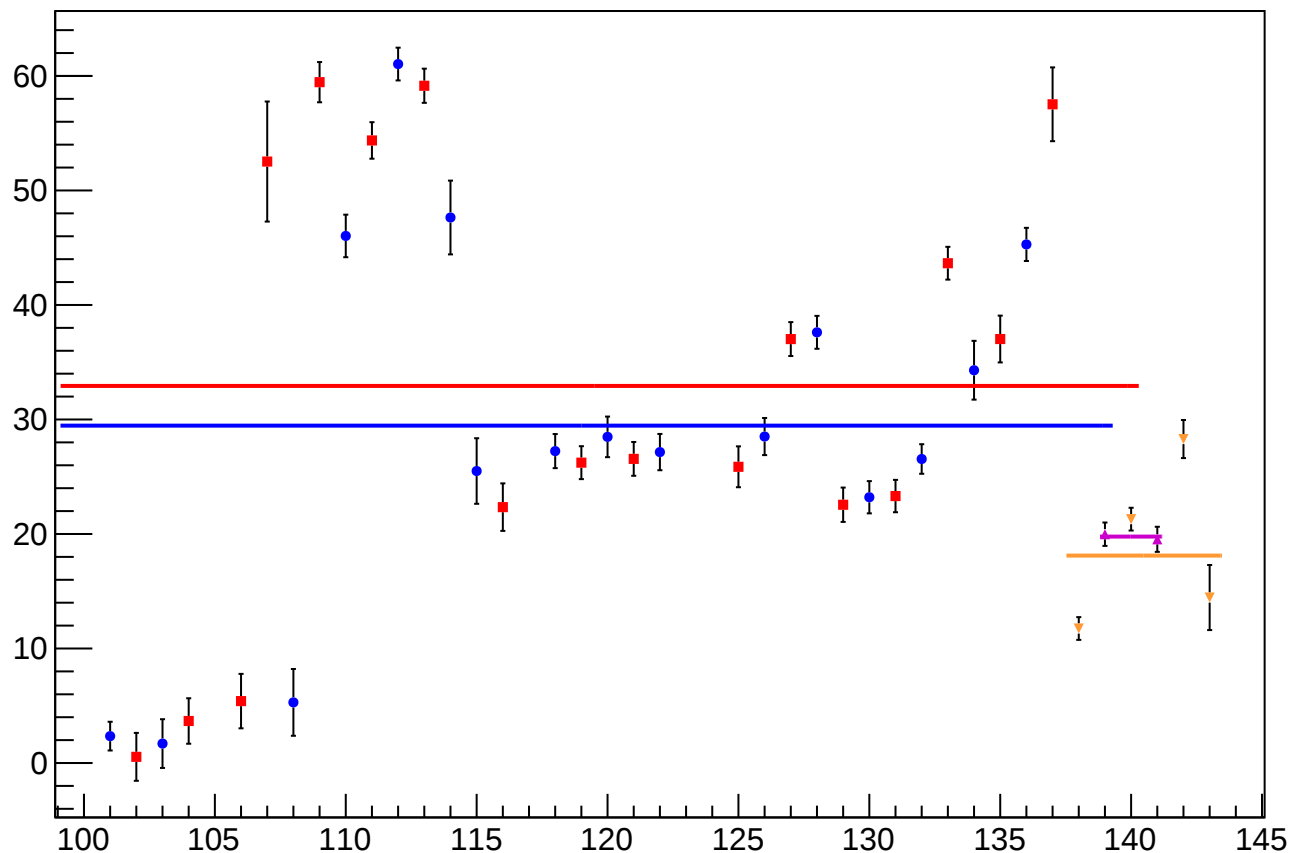
Right: 3.912 ± 0.157 $\chi^2/\text{NDF}: 803.5/32$

In: 3.076 ± 0.207 $\chi^2/\text{NDF}: 486.7/17$

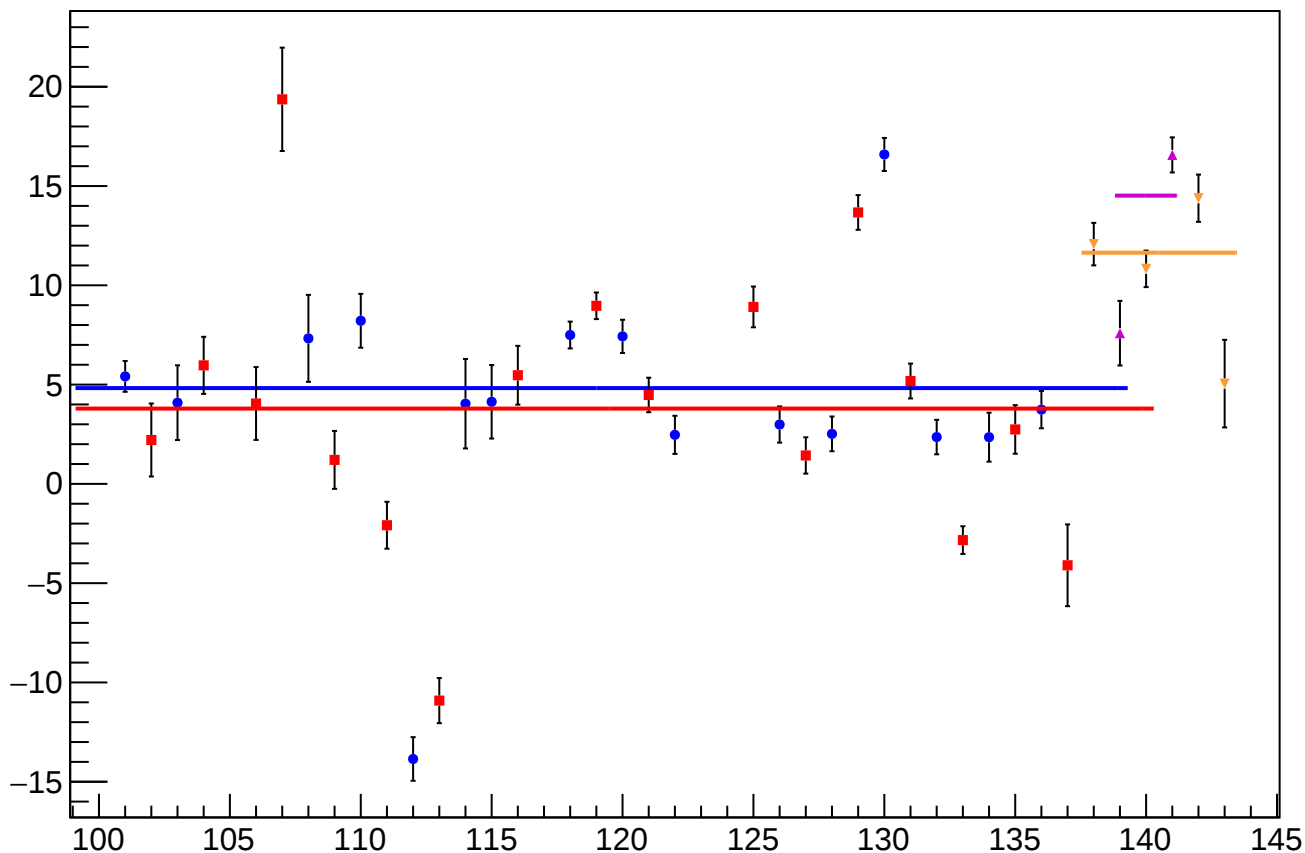
Out: 3.847 ± 0.205 $\chi^2/\text{NDF}: 388.7/20$

All: 3.466 ± 0.146 $\chi^2/\text{NDF}: 882.4/38$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 11.643 $\pm$ 0.581 χ^2 /NDF:15.2/3

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 14.518 $\pm$ 0.777 χ^2 /NDF:23.5/1

Left: 12.674 $\pm$ 0.465 χ^2 /NDF: 47.5/5

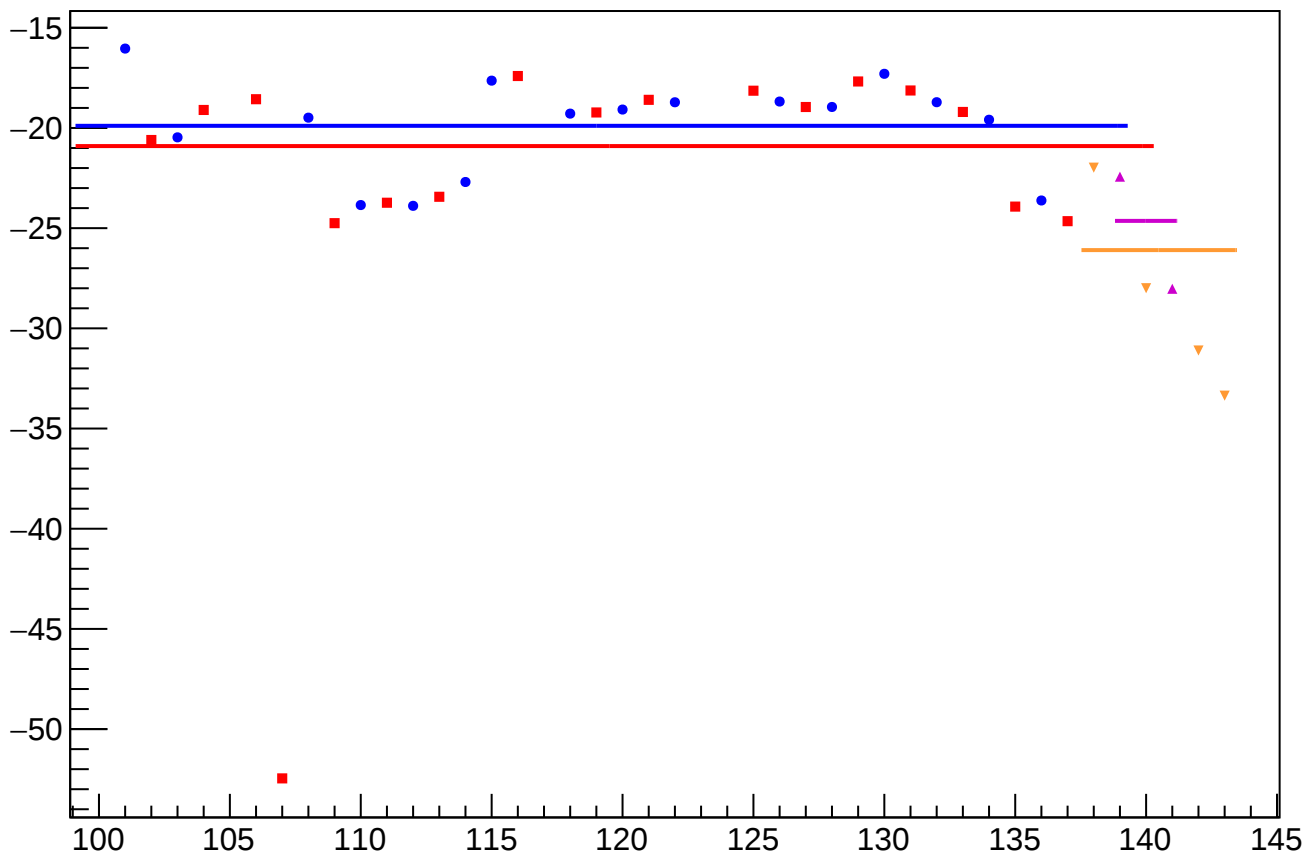
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 5.744 $\pm$ 0.239 χ^2 /NDF:717.3/17

Out: 5.093 $\pm$ 0.237 χ^2 /NDF:731.1/20

All: 5.415 $\pm$ 0.168 χ^2 /NDF: 1452.1/38

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: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

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

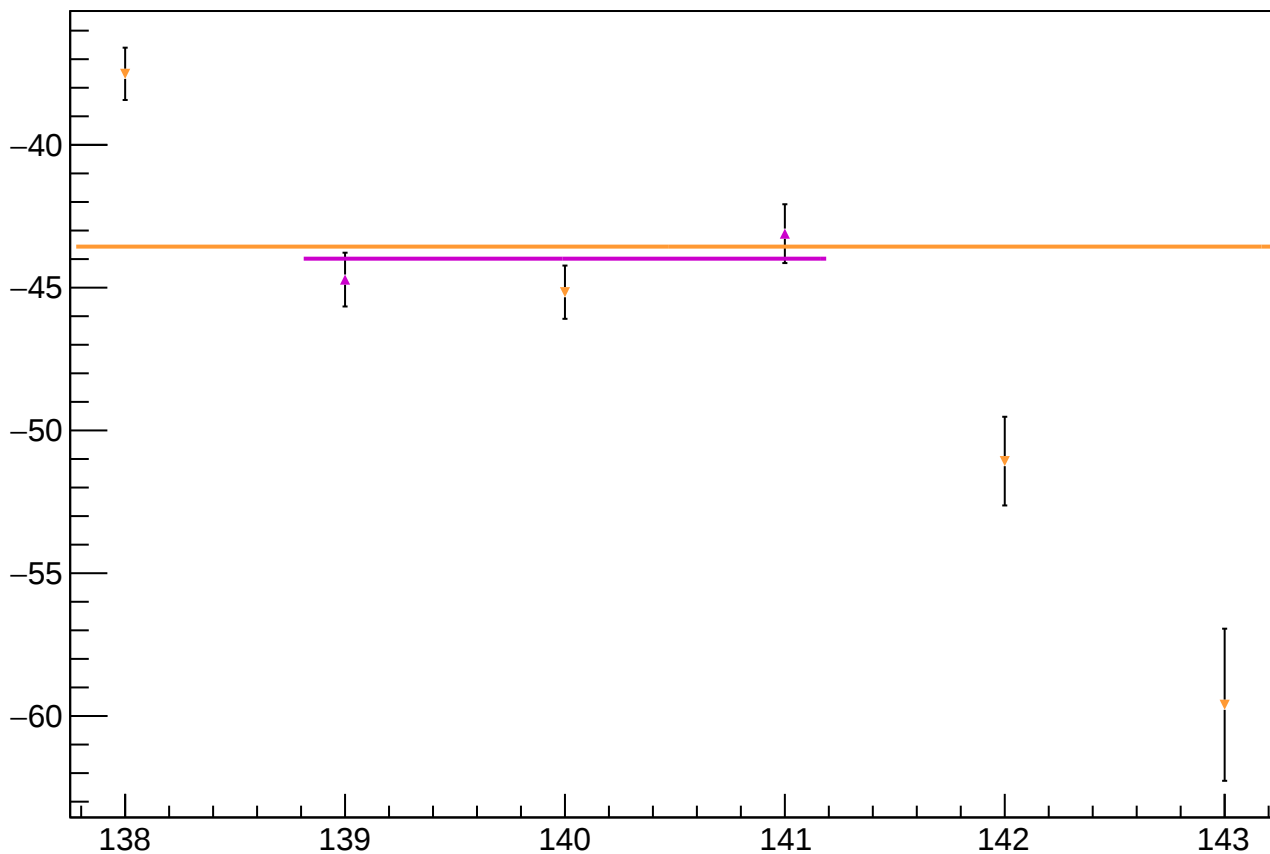
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -21.025 $\pm$ 0.014 χ^2 /NDF:57858.9/17

Out: -22.301 $\pm$ 0.013 χ^2 /NDF:144769.6/20

All: -21.670 $\pm$ 0.010 χ^2 /NDF: 207077.6/38

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

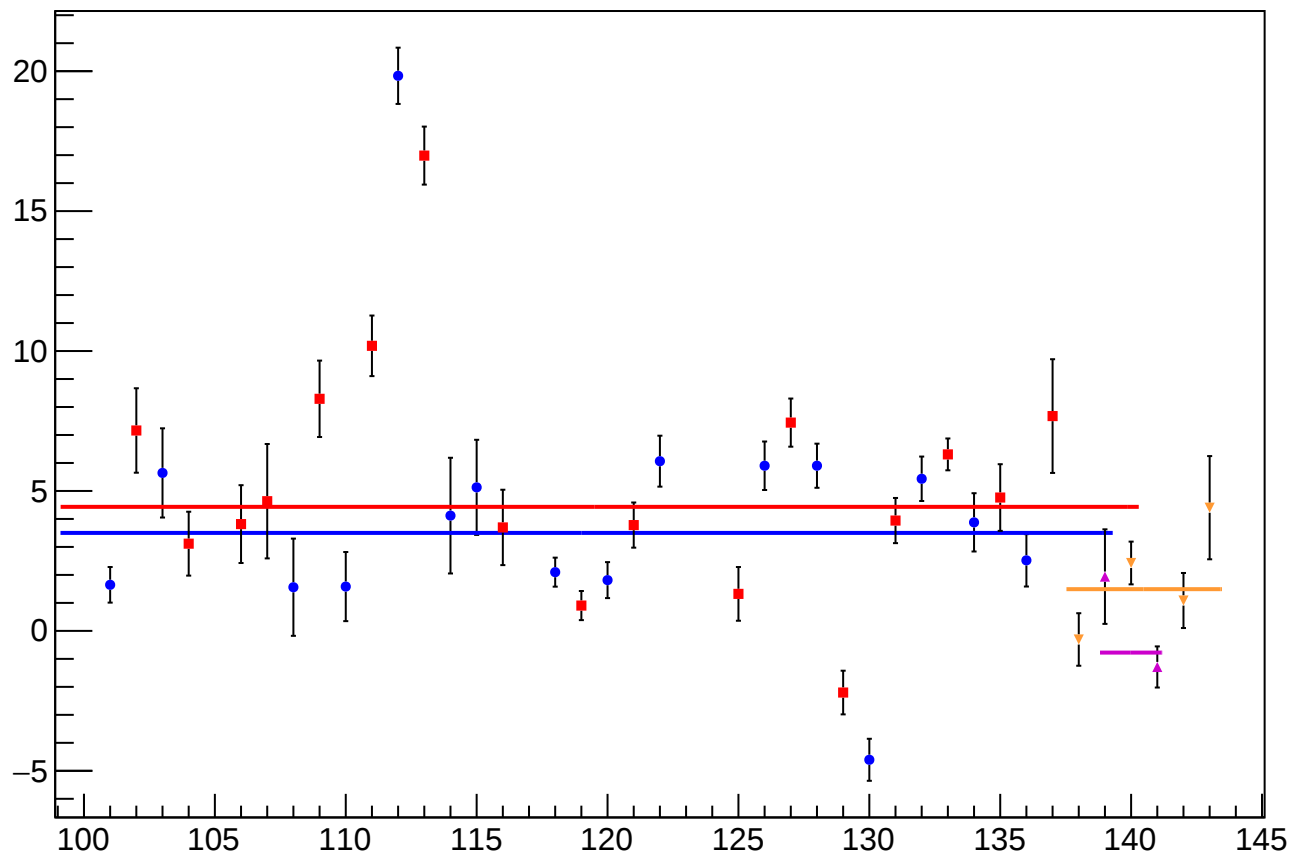
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: -0.776 ± 0.674 $\chi^2/\text{NDF}: 3.1/1$

Left: 0.708 ± 0.396 $\chi^2/\text{NDF}: 18.3/5$

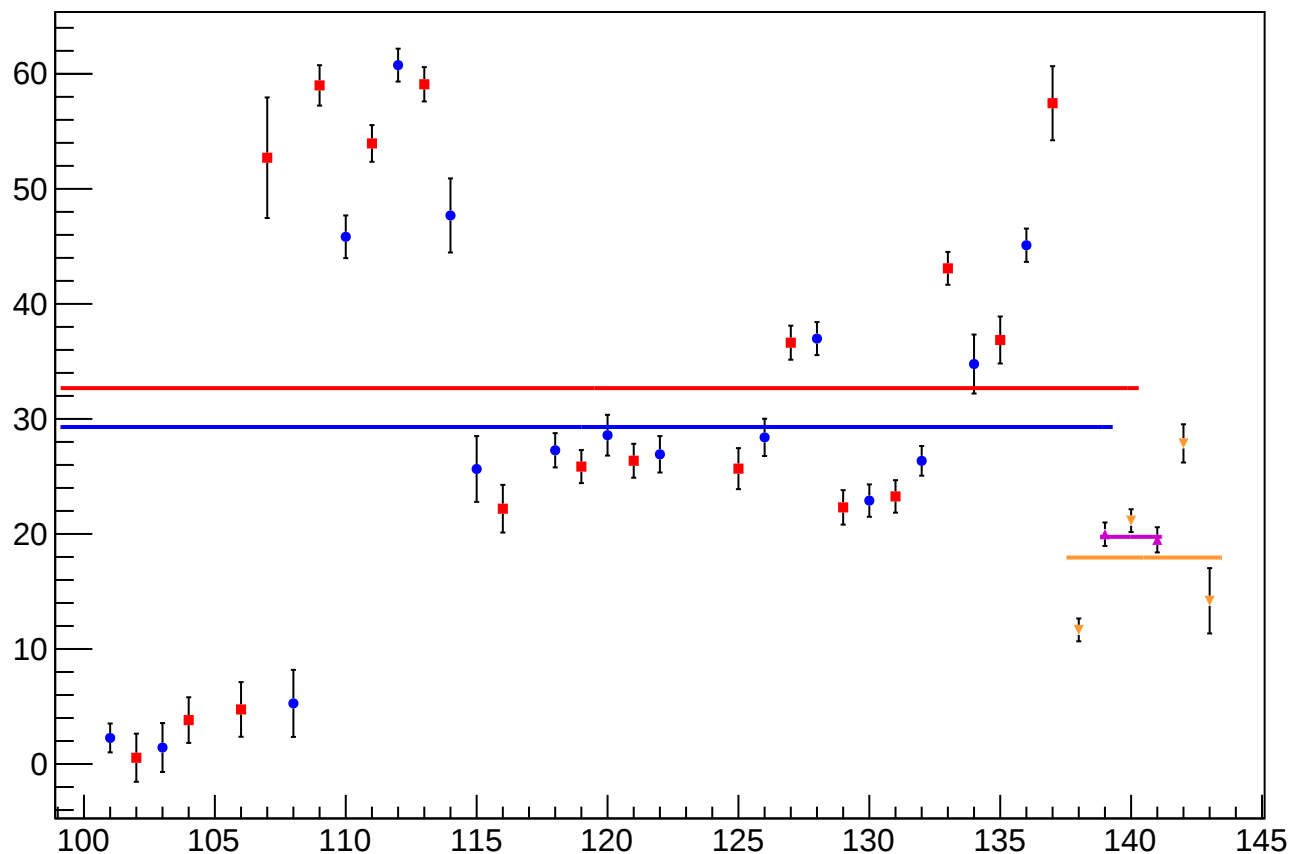
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 3.098 ± 0.207 $\chi^2/\text{NDF}: 481.5/17$

Out: 3.918 ± 0.205 $\chi^2/\text{NDF}: 381.2/20$

All: 3.513 ± 0.146 $\chi^2/\text{NDF}: 870.6/38$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 17.950 $\pm$ 0.631 χ^2 /NDF:87.9/3

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

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

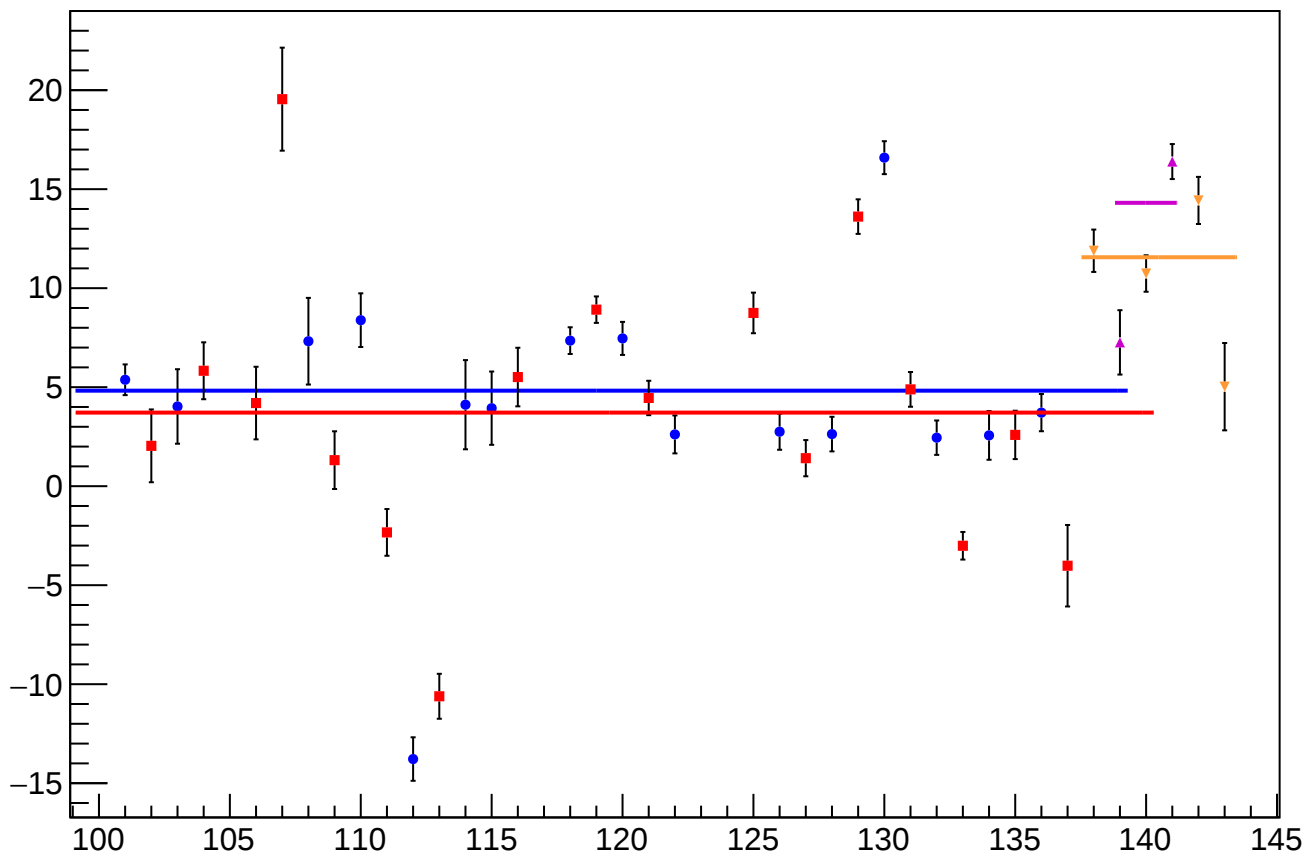
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 27.024 $\pm$ 0.364 χ^2 /NDF:1610.0/17

Out: 28.106 $\pm$ 0.351 χ^2 /NDF:2078.8/20

All: 27.584 $\pm$ 0.253 χ^2 /NDF: 3693.3/38

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 11.562 $\pm$ 0.581 χ^2 /NDF:15.5/3

Right Out: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

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

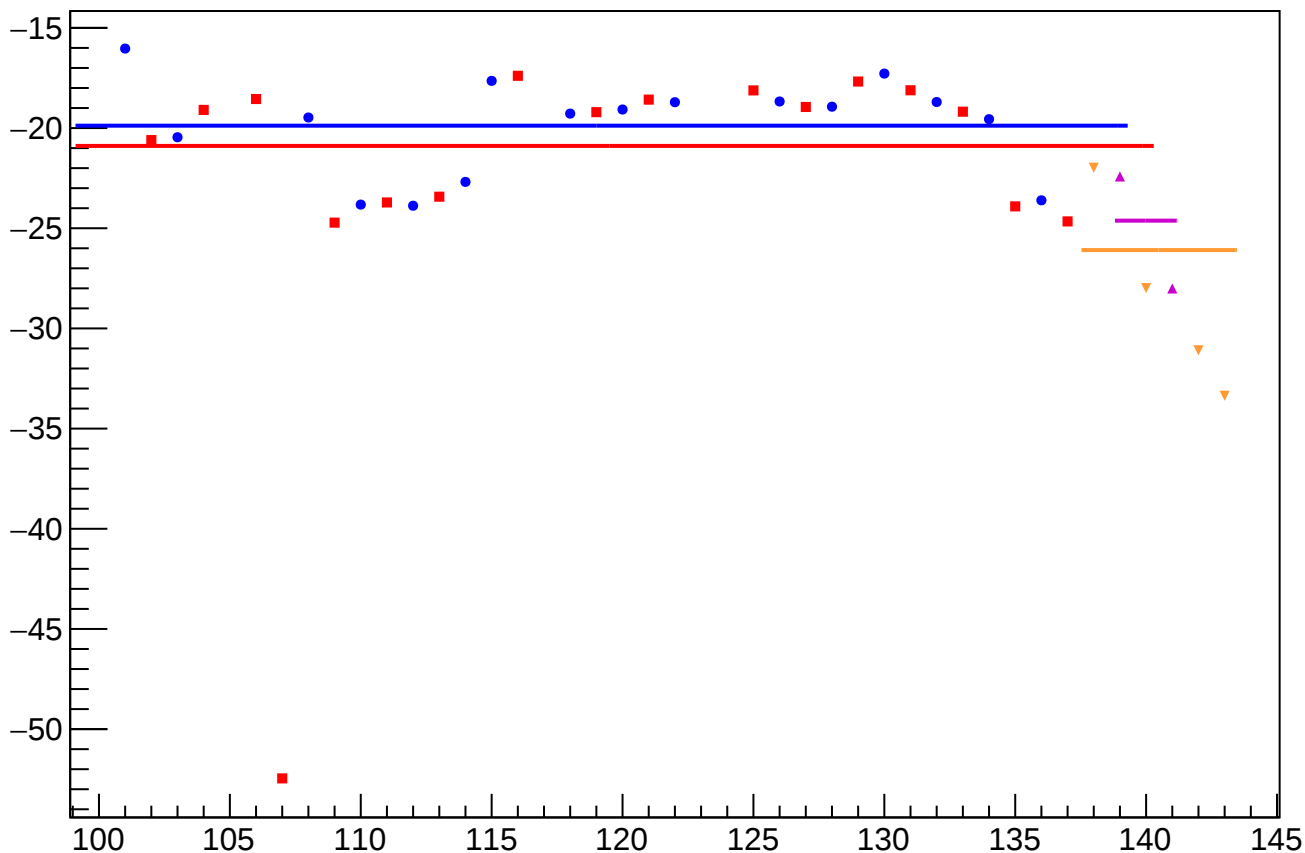
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 5.725 $\pm$ 0.239 χ^2 /NDF:708.7/17

Out: 5.016 $\pm$ 0.236 χ^2 /NDF:727.7/20

All: 5.366 $\pm$ 0.168 χ^2 /NDF: 1440.8/38

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: -20.891+/-0.016 χ^2/NDF : 92913.6/16

Left In: -24.621+/-0.028 χ^2/NDF : 9649.0/1

Left: -25.407+/-0.019 χ^2/NDF : 33805.8/5

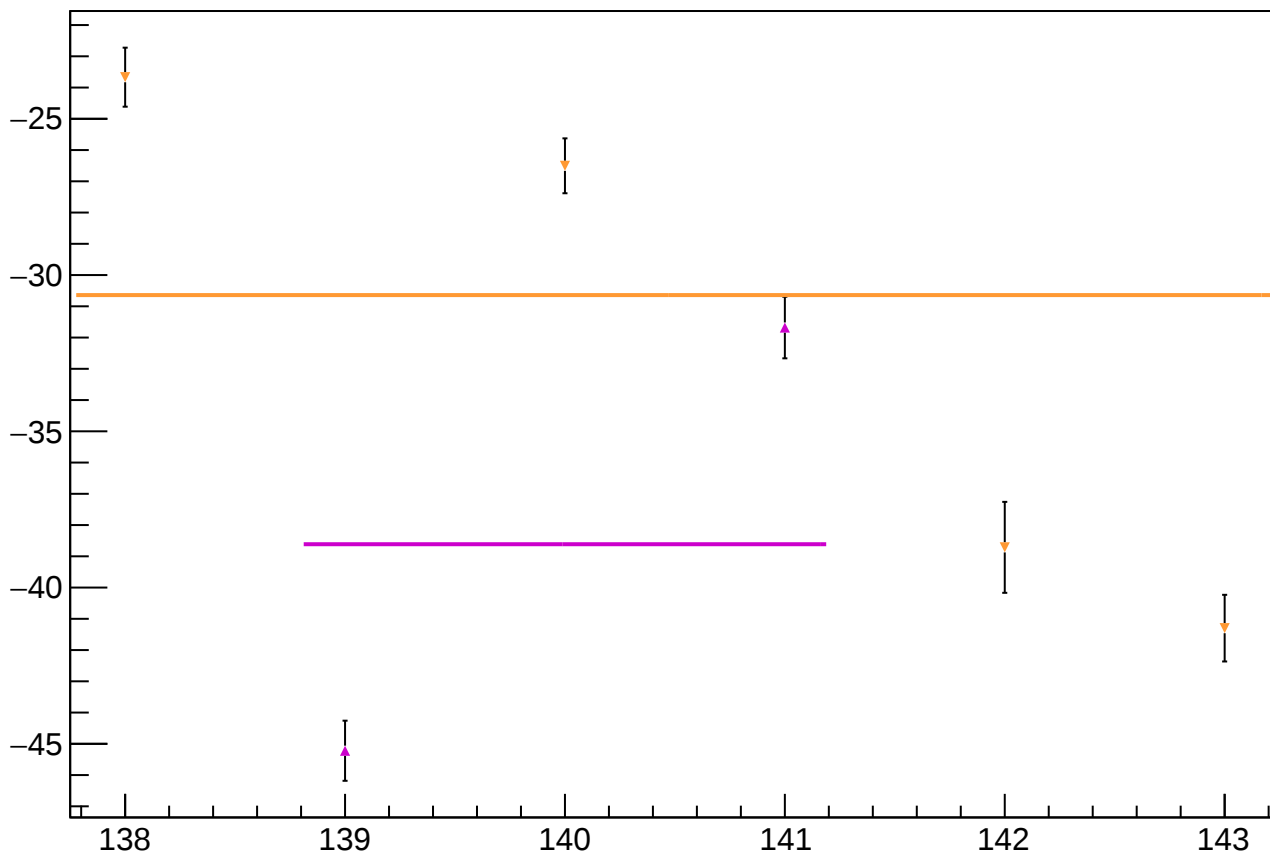
Right: -20.381+/-0.011 χ^2/NDF : 121077.9/32

In: -21.012+/-0.014 χ^2/NDF : 57847.0/17

Out: -22.290+/-0.013 χ^2/NDF : 144982.3/20

All: -21.658+/-0.010 χ^2/NDF : 207293.3/38

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left Out: -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

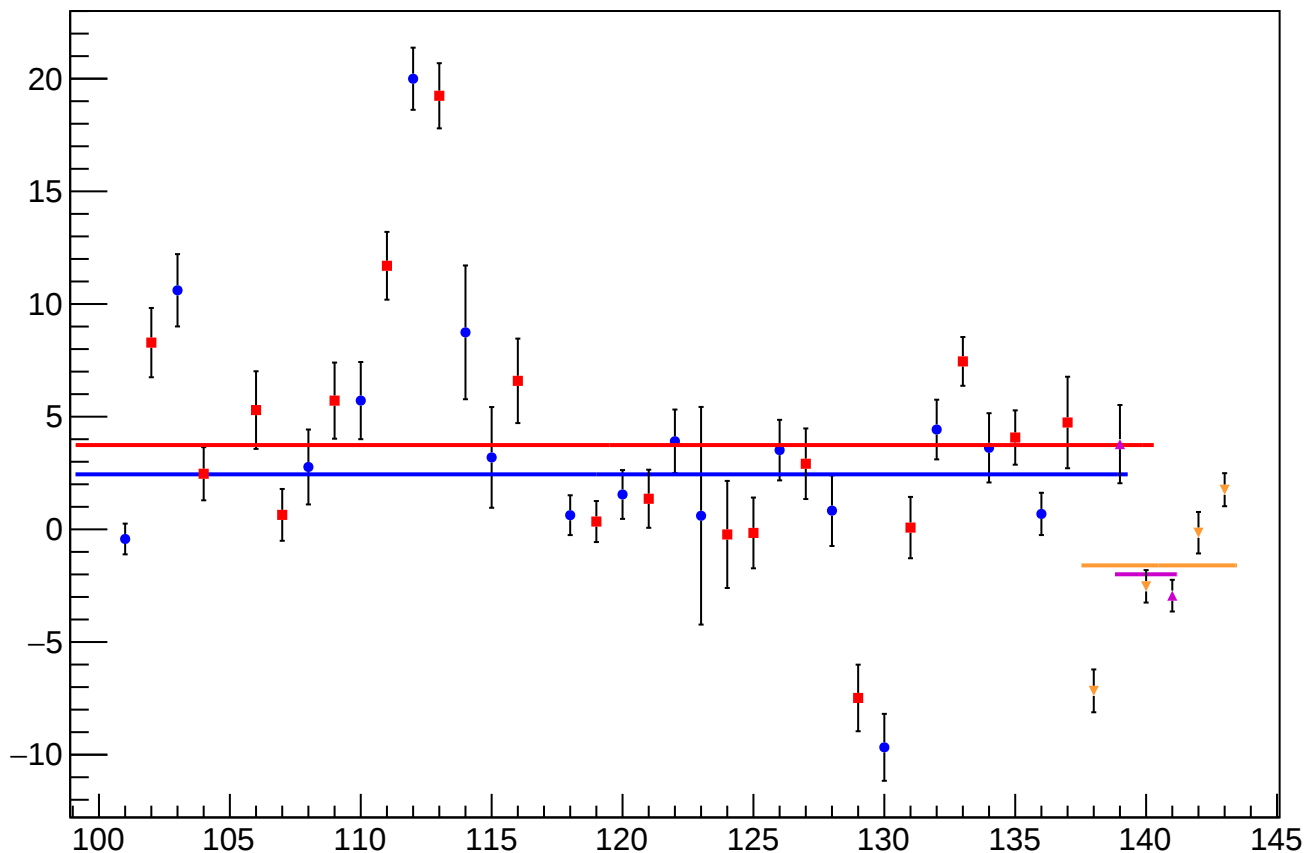
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

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: 3.741 $\pm$ 0.327 χ^2 /NDF: 268.1/17

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

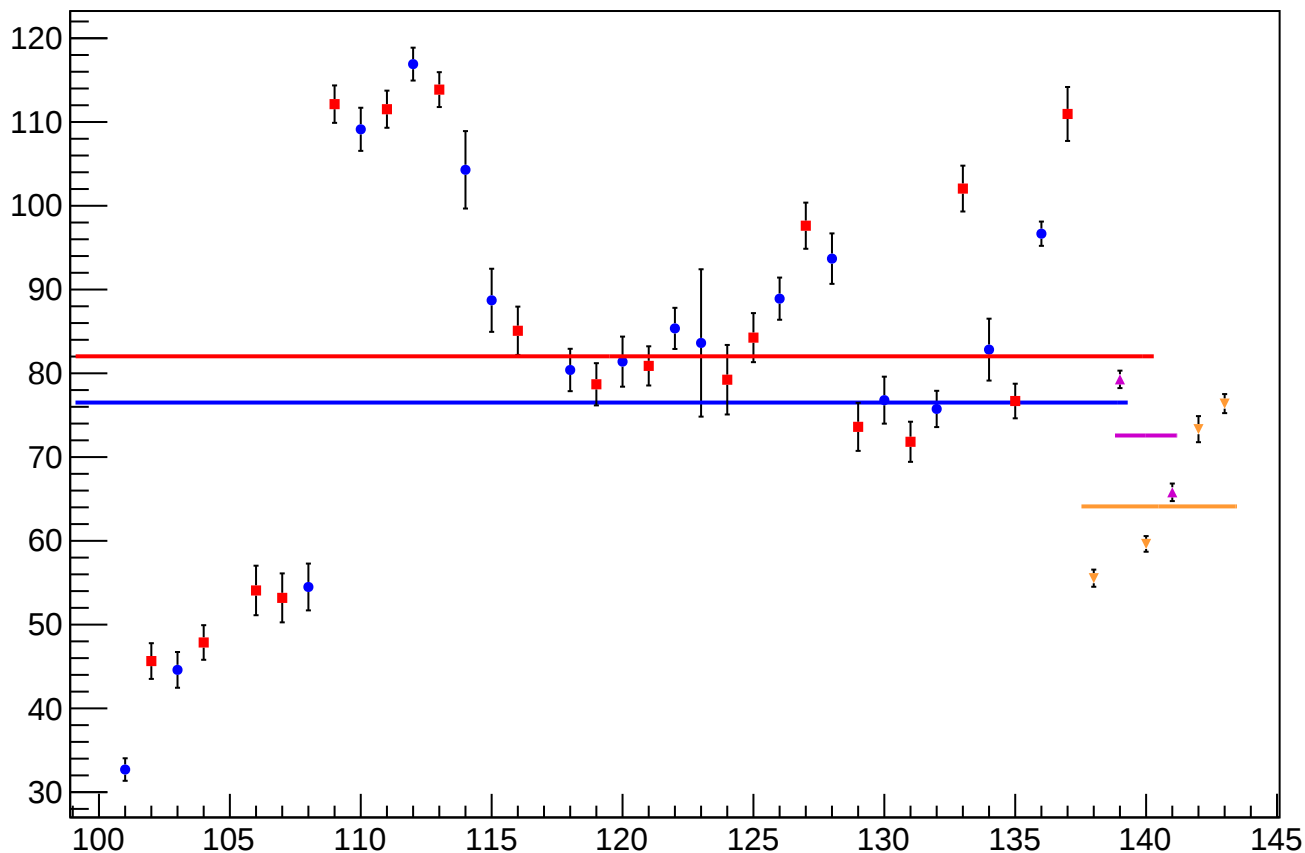
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/34

In: 1.617 $\pm$ 0.281 χ^2 /NDF: 345.3/18

Out: 1.641 $\pm$ 0.254 χ^2 /NDF: 432.6/21

All: 1.630 $\pm$ 0.189 χ^2 /NDF: 777.9/40

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2/NDF : 2250.9/16

Left Out: 64.110 $\pm$ 0.552 χ^2/NDF : 244.5/3

Right Out: 82.029 $\pm$ 0.593 χ^2/NDF : 1548.0/17

Left In: 72.576 $\pm$ 0.738 χ^2/NDF : 83.4/1

Left: 67.145 $\pm$ 0.442 χ^2/NDF : 412.2/5

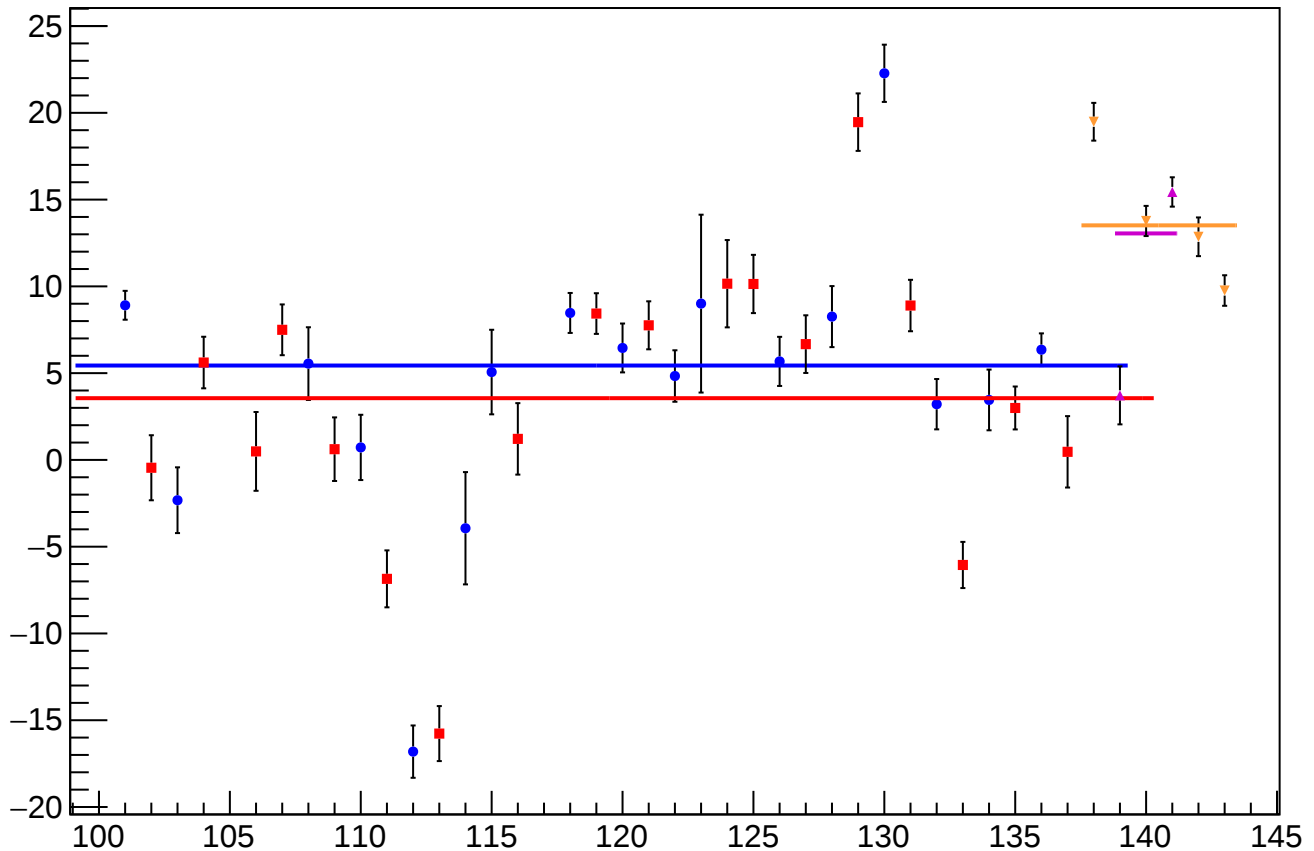
Right: 79.182 $\pm$ 0.412 χ^2/NDF : 3843.6/34

In: 75.027 $\pm$ 0.453 χ^2/NDF : 2351.9/18

Out: 72.434 $\pm$ 0.404 χ^2/NDF : 2282.1/21

All: 73.582 $\pm$ 0.302 χ^2/NDF : 4652.2/40

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 13.516 $\pm$ 0.484 χ^2 /NDF:48.7/3

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

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

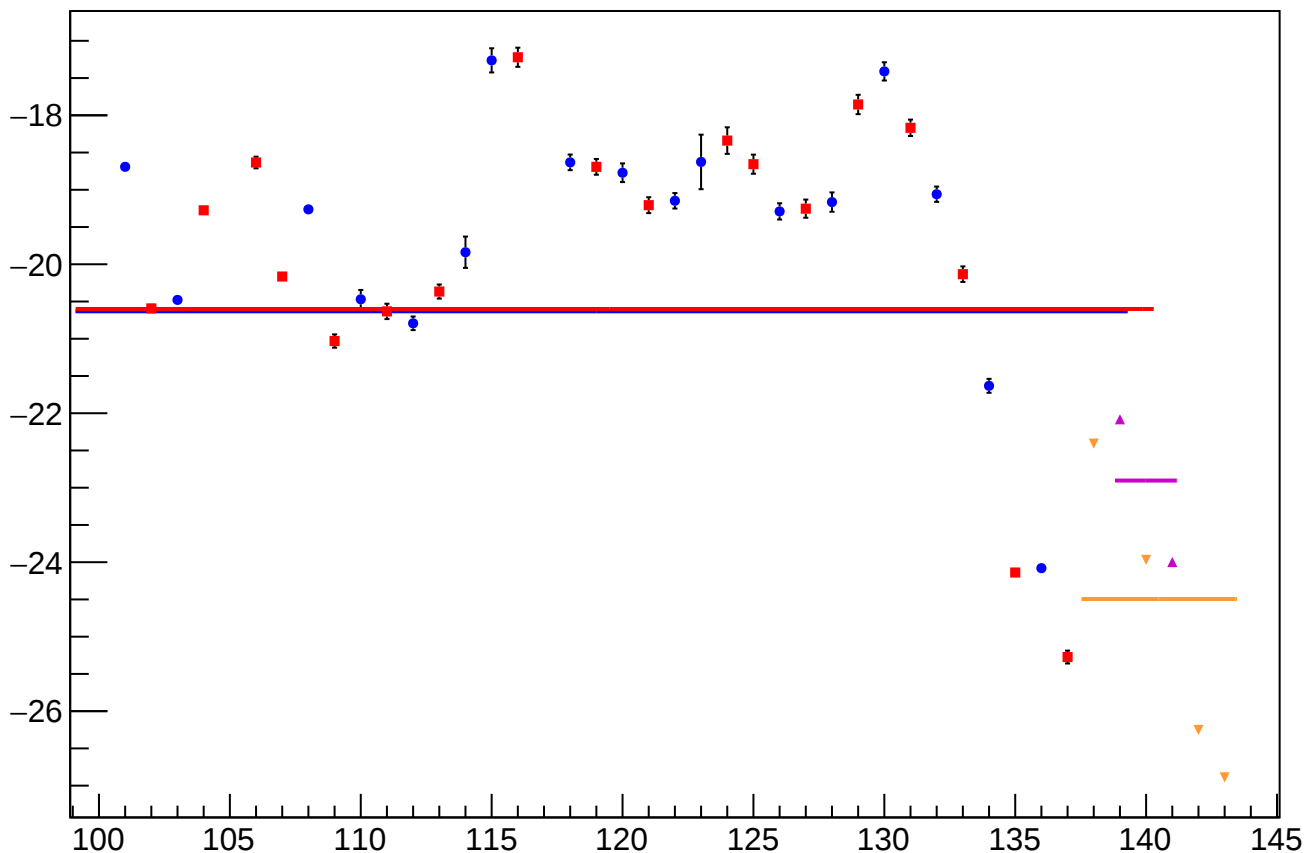
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 6.836 $\pm$ 0.323 χ^2 /NDF:508.4/18

Out: 7.293 $\pm$ 0.297 χ^2 /NDF:733.7/21

All: 7.084 $\pm$ 0.219 χ^2 /NDF: 1243.1/40

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -24.494+/-0.023 χ^2/NDF : 6347.3/3

Right Out: -20.600+/-0.019 χ^2/NDF : 11973.7/17

Left In: -22.904+/-0.028 χ^2/NDF : 1168.5/1

Left: -23.857+/-0.018 χ^2/NDF : 9484.9/5

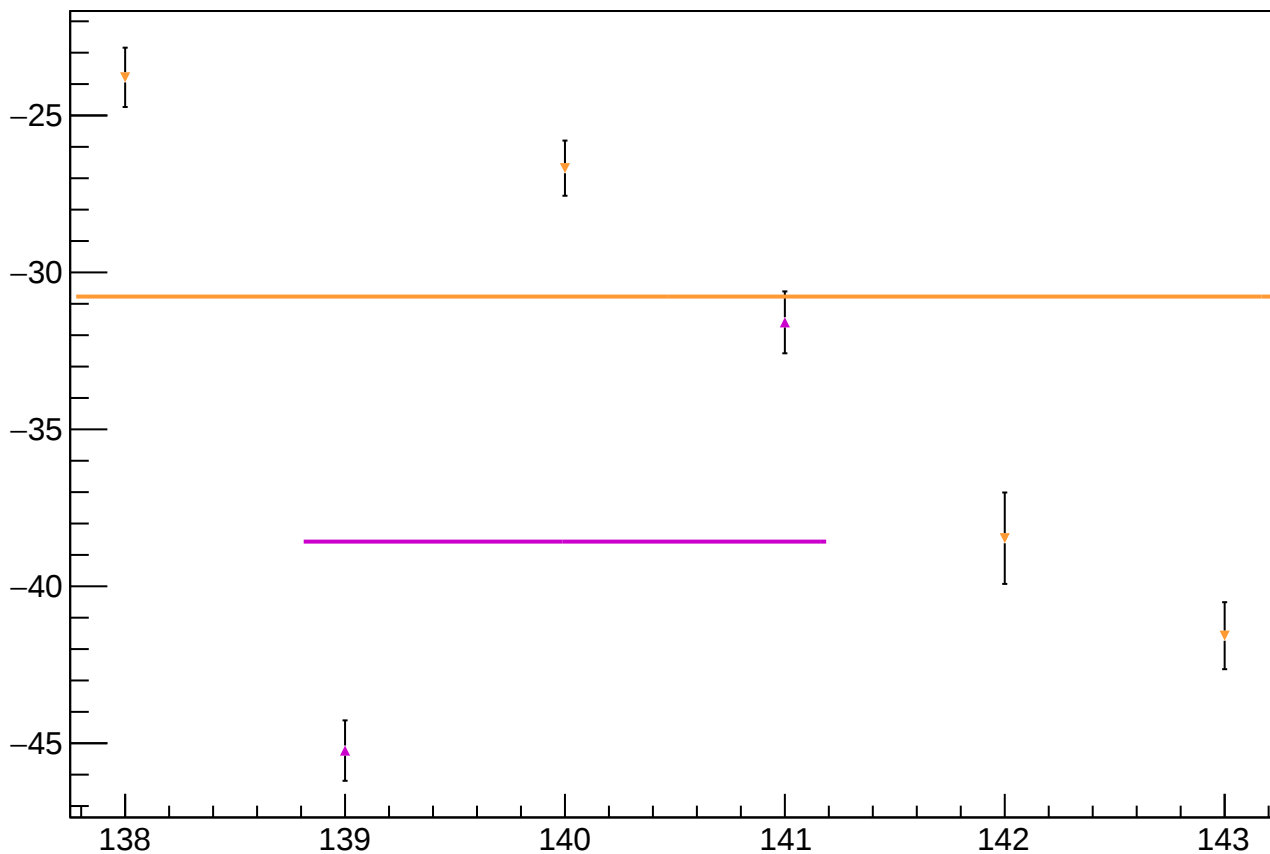
Right: -20.616+/-0.014 χ^2/NDF : 24476.6/34

In: -21.372+/-0.016 χ^2/NDF : 18189.6/18

Out: -22.250+/-0.015 χ^2/NDF : 35294.9/21

All: -21.842+/-0.011 χ^2/NDF : 55129.0/40

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

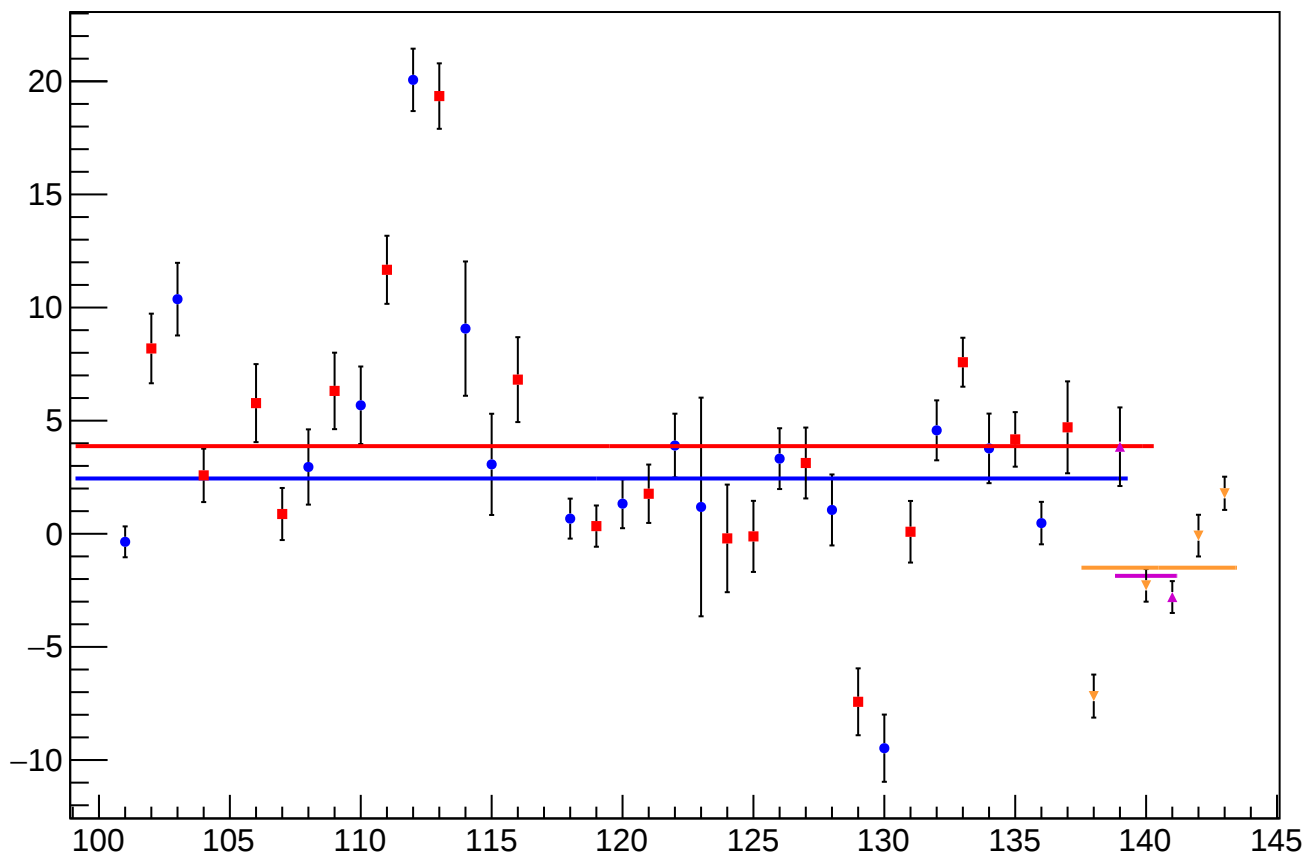
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 3.874+/-0.327 χ^2/NDF : 268.3/17

Left In: -1.859+/-0.652 χ^2/NDF : 12.6/1

Left: -1.600+/-0.345 χ^2/NDF : 72.0/5

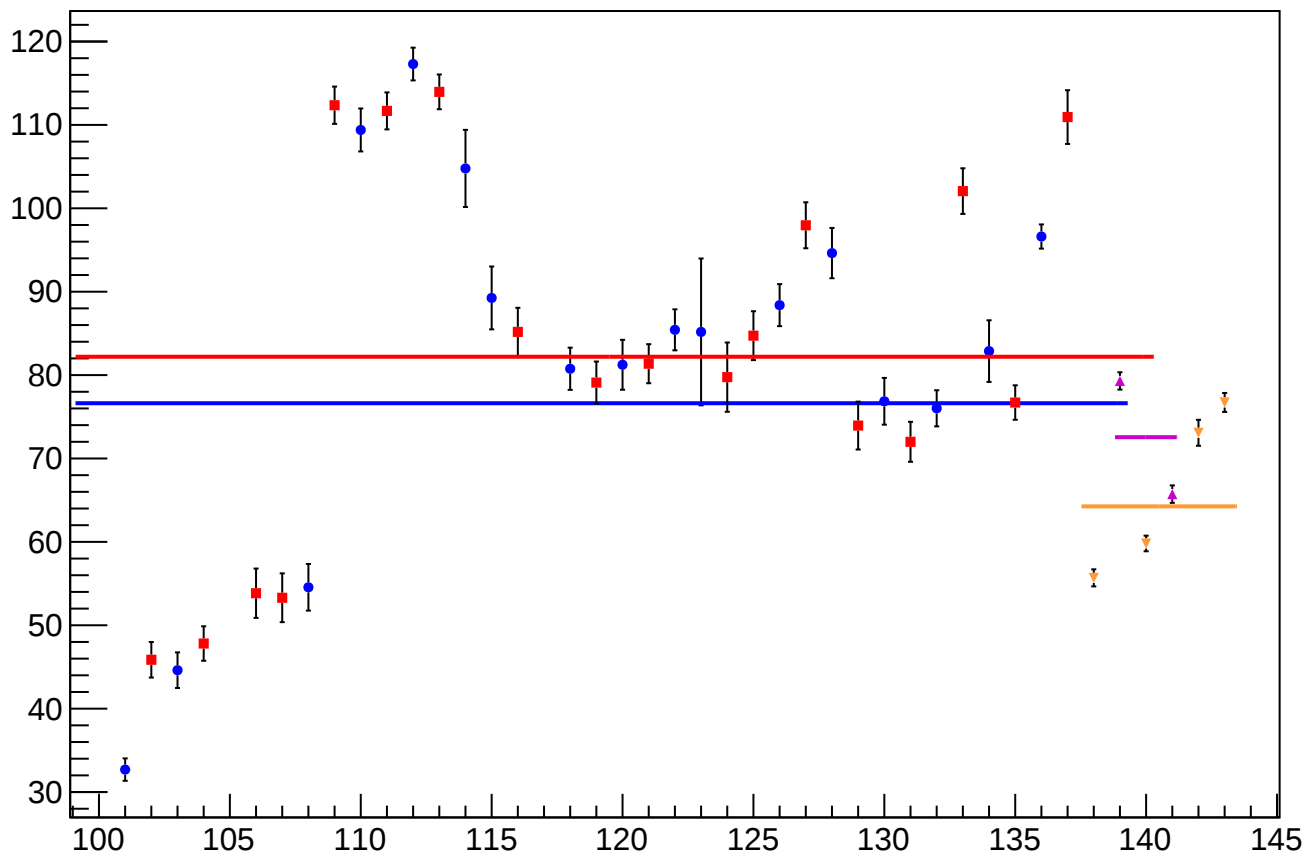
Right: 3.125+/-0.226 χ^2/NDF : 571.0/34

In: 1.645+/-0.281 χ^2/NDF : 340.7/18

Out: 1.762+/-0.255 χ^2/NDF : 433.7/21

All: 1.709+/-0.189 χ^2/NDF : 774.5/40

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 64.261 $\pm$ 0.552 χ^2 /NDF:244.5/3

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 72.555 $\pm$ 0.739 χ^2 /NDF:84.3/1

Left: 67.234 $\pm$ 0.442 χ^2 /NDF: 409.7/5

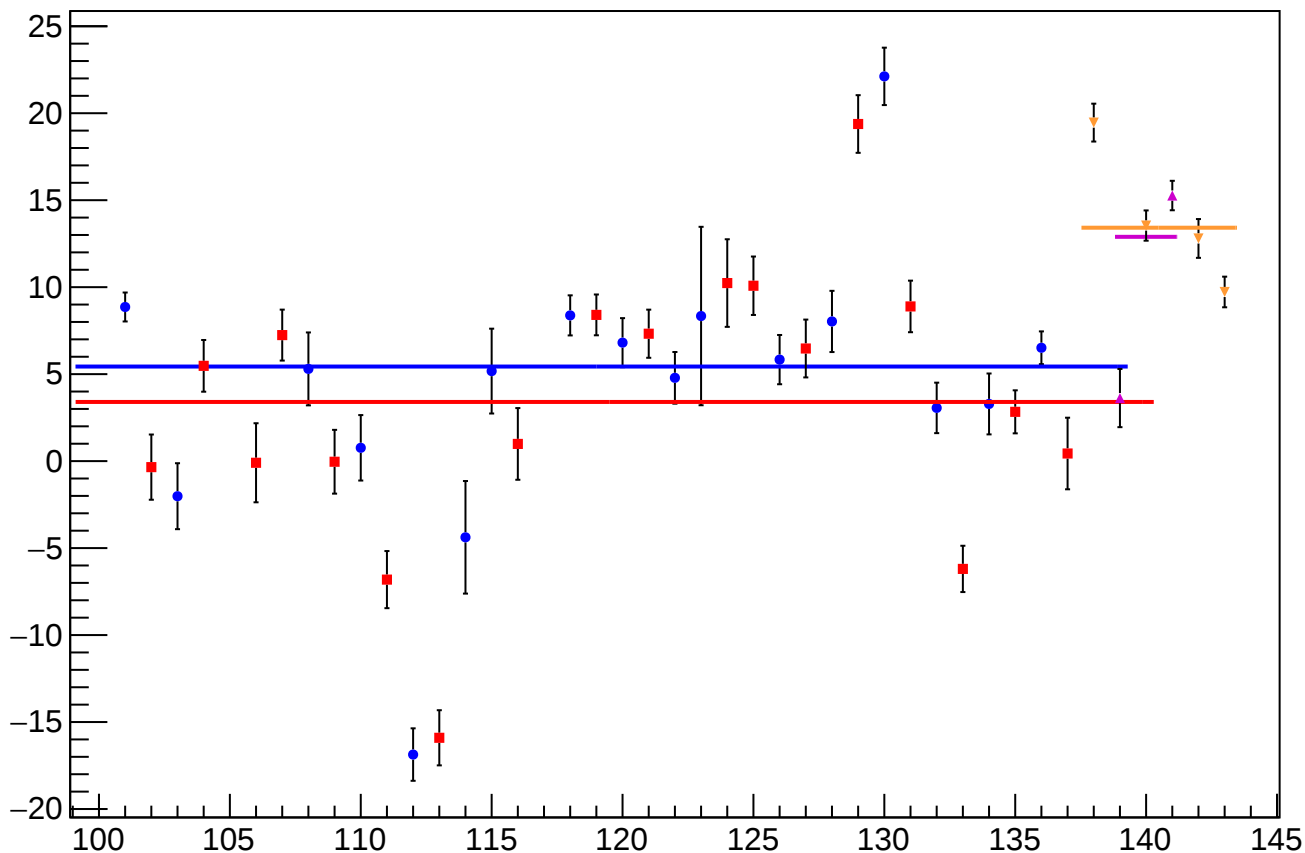
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 75.093 $\pm$ 0.454 χ^2 /NDF:2366.1/18

Out: 72.595 $\pm$ 0.404 χ^2 /NDF:2284.9/21

All: 73.701 $\pm$ 0.302 χ^2 /NDF: 4667.8/40

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 13.418 ± 0.485 $\chi^2/\text{NDF}: 48.7/3$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 12.894 ± 0.755 $\chi^2/\text{NDF}: 38.6/1$

Left: 13.265 ± 0.408 $\chi^2/\text{NDF}: 87.6/5$

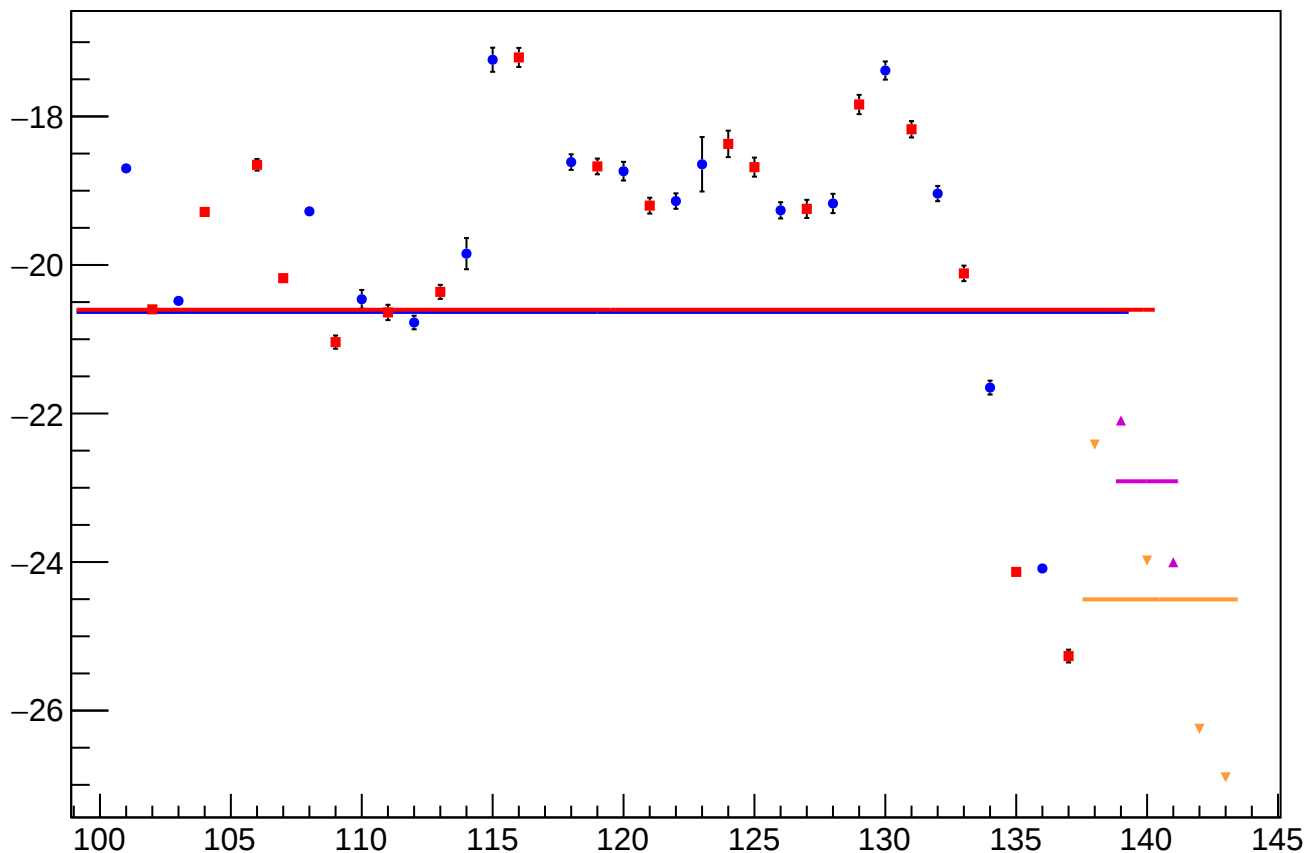
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 6.805 ± 0.324 $\chi^2/\text{NDF}: 502.7/18$

Out: 7.159 ± 0.297 $\chi^2/\text{NDF}: 736.7/21$

All: 6.997 ± 0.219 $\chi^2/\text{NDF}: 1240.0/40$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -24.503 ± 0.023 $\chi^2/\text{NDF}: 6322.0/3$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -22.913 ± 0.028 $\chi^2/\text{NDF}: 1157.0/1$

Left: -23.866 ± 0.018 $\chi^2/\text{NDF}: 9444.4/5$

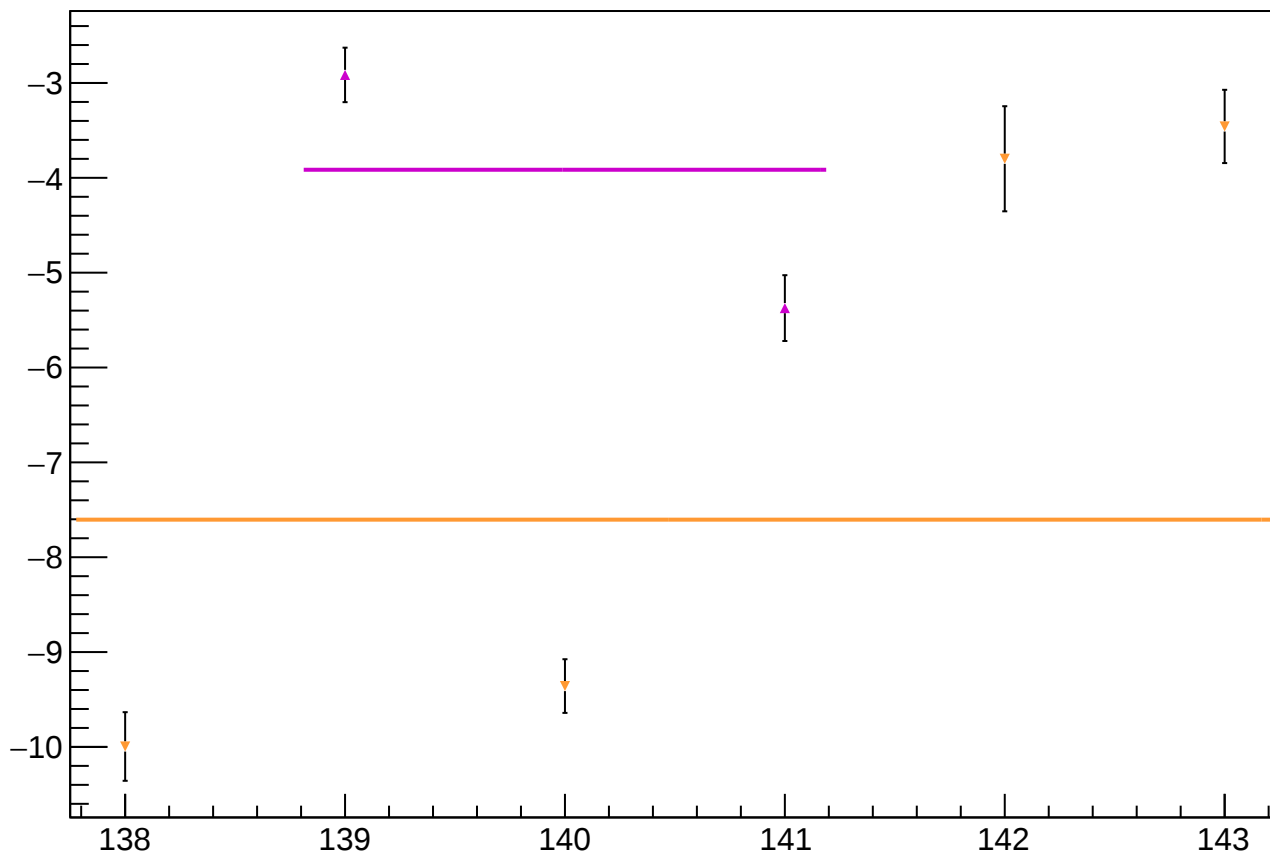
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -21.375 ± 0.016 $\chi^2/\text{NDF}: 18246.9/18$

Out: -22.255 ± 0.015 $\chi^2/\text{NDF}: 35252.5/21$

All: -21.846 ± 0.011 $\chi^2/\text{NDF}: 55147.4/40$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

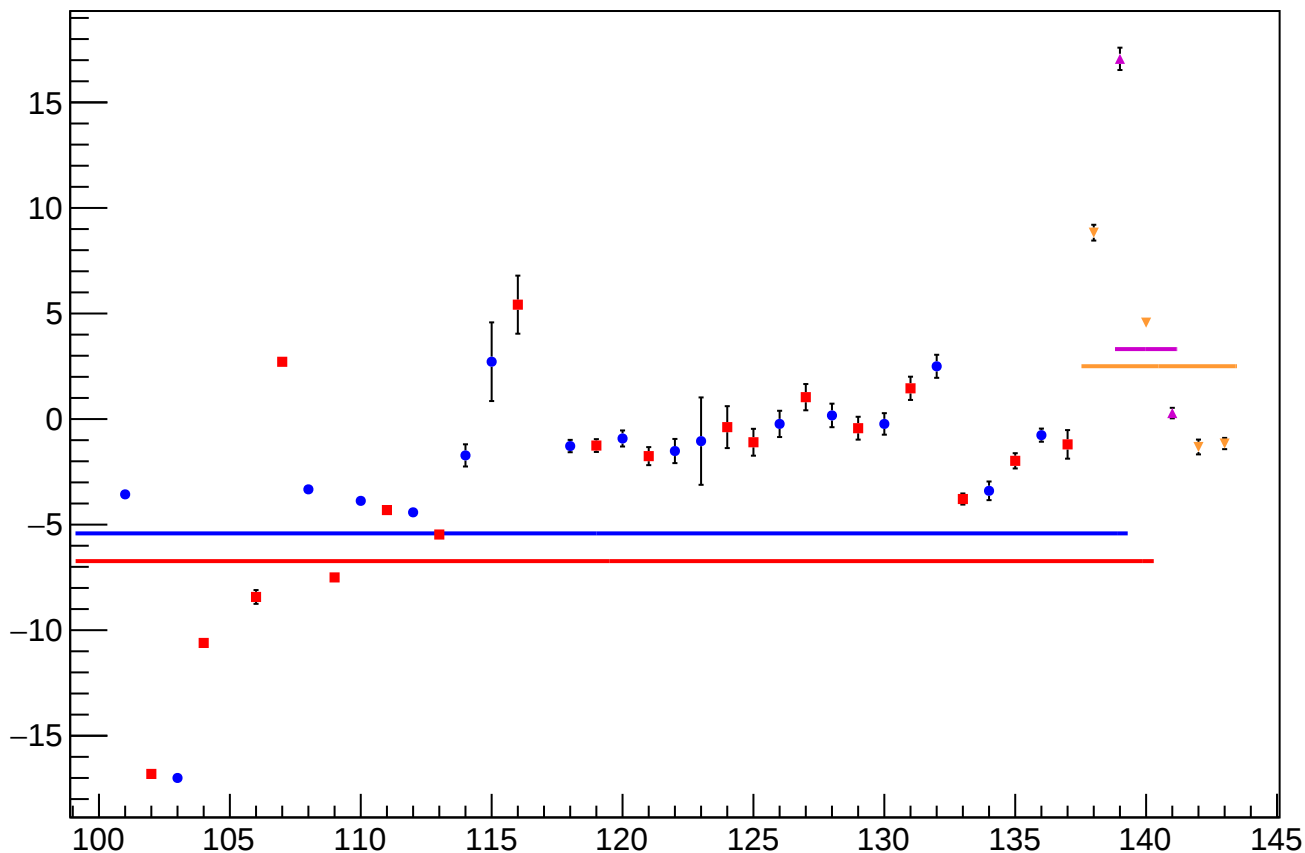
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -6.729 $\pm$ 0.060 χ^2 /NDF: 11217.0/17

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

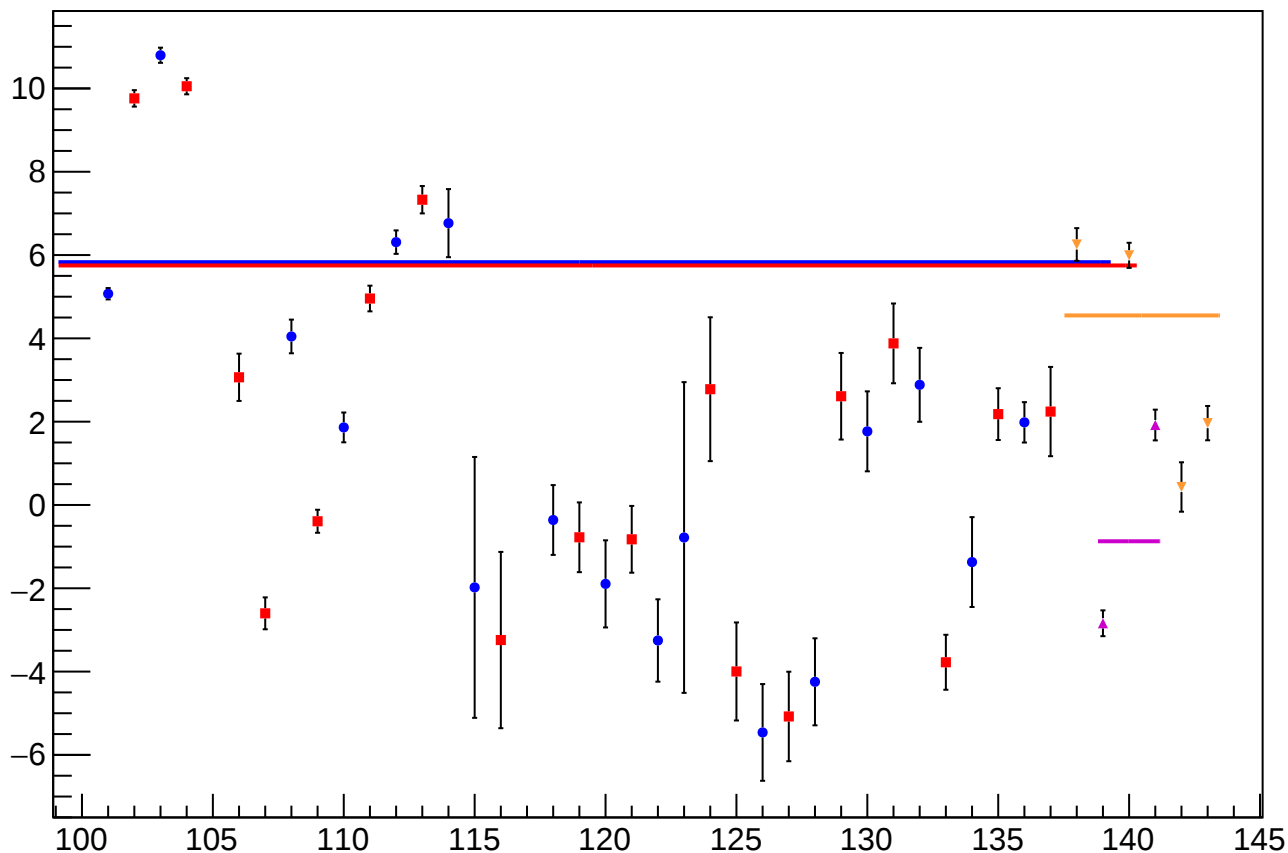
Right: -6.014 $\pm$ 0.040 χ^2 /NDF: 20734.4/34

In: -4.927 $\pm$ 0.053 χ^2 /NDF:11501.5/18

Out: -5.390 $\pm$ 0.055 χ^2 /NDF:15340.0/21

All: -5.149 $\pm$ 0.038 χ^2 /NDF: 26878.0/40

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 4.550 $\pm$ 0.195 χ^2 /NDF:129.4/3

Right Out: 5.750 $\pm$ 0.096 χ^2 /NDF: 2511.0/17

Left In: -0.871 $\pm$ 0.237 χ^2 /NDF:97.6/1

Left: 2.361 $\pm$ 0.151 χ^2 /NDF: 538.2/5

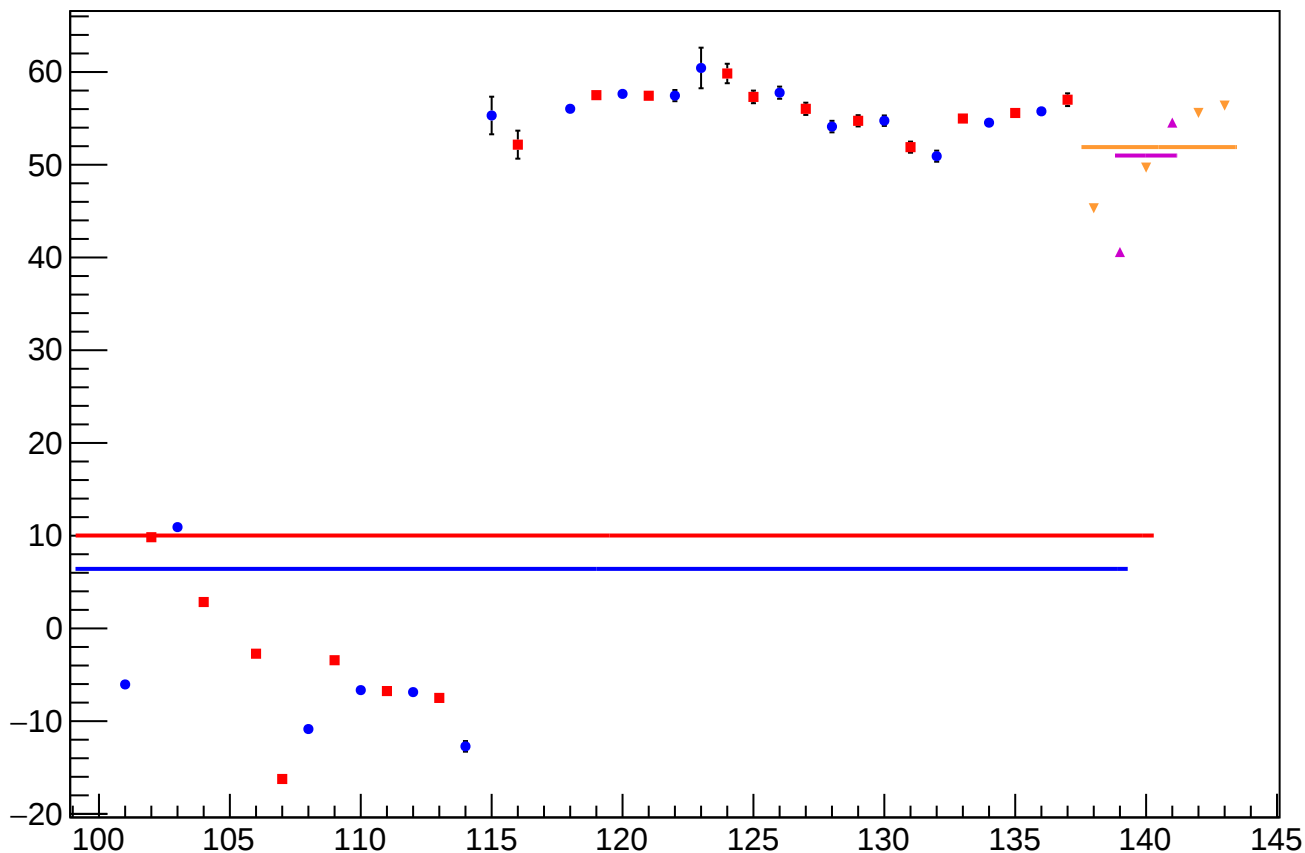
Right: 5.792 $\pm$ 0.066 χ^2 /NDF: 3959.6/34

In: 4.992 $\pm$ 0.084 χ^2 /NDF:2243.6/18

Out: 5.516 $\pm$ 0.086 χ^2 /NDF:2670.7/21

All: 5.246 $\pm$ 0.060 χ^2 /NDF: 4933.3/40

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 51.905+/-0.173 χ^2/NDF : 573.8/3

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 50.993+/-0.258 χ^2/NDF : 557.5/1

Left: 51.621+/-0.144 χ^2/NDF : 1139.9/5

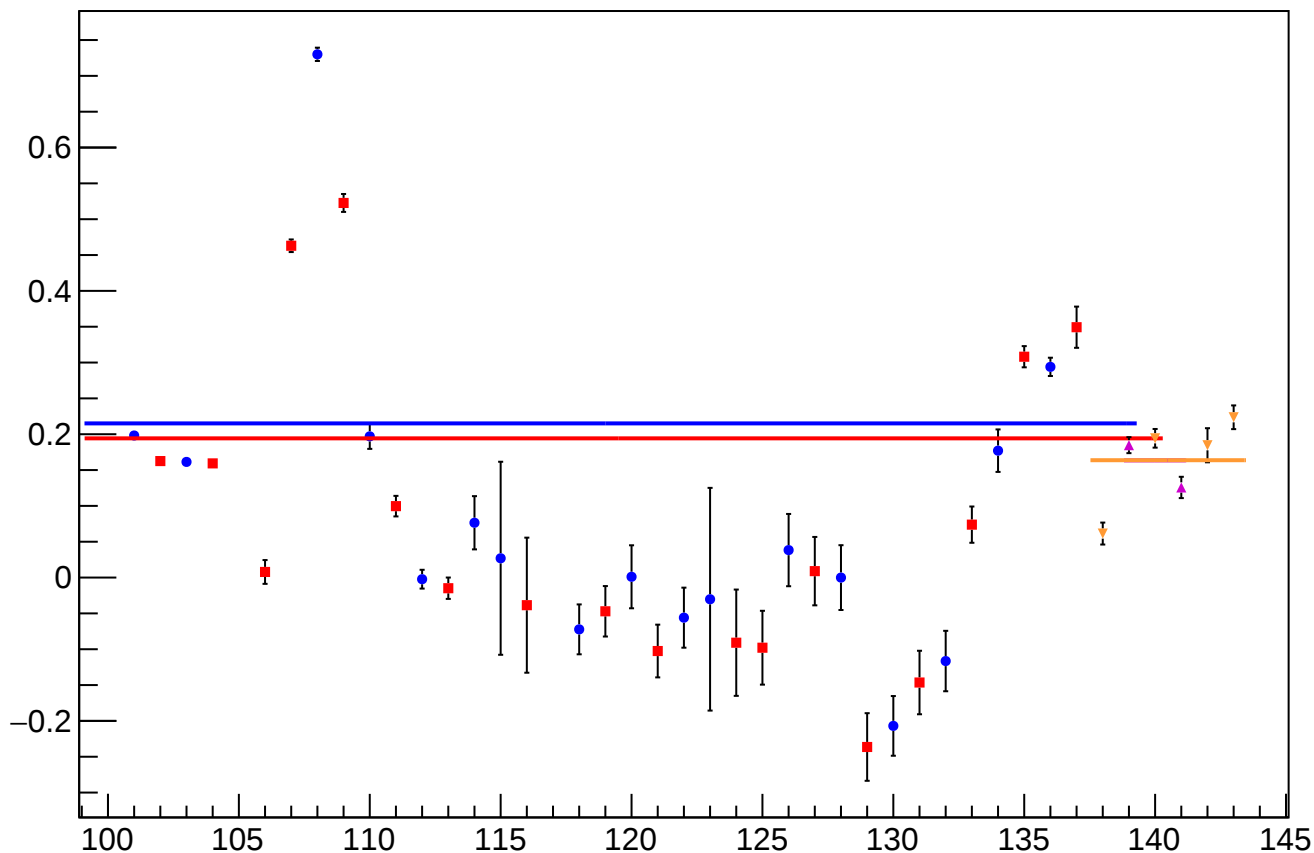
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 9.069+/-0.063 χ^2/NDF : 151835.9/18

Out: 16.007+/-0.065 χ^2/NDF : 172800.6/21

All: 12.392+/-0.045 χ^2/NDF : 330486.0/40

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.164 $\pm$ 0.008 χ^2 /NDF:64.0/3

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.163 $\pm$ 0.009 χ^2 /NDF:10.1/1

Left: 0.164 $\pm$ 0.006 χ^2 /NDF: 74.1/5

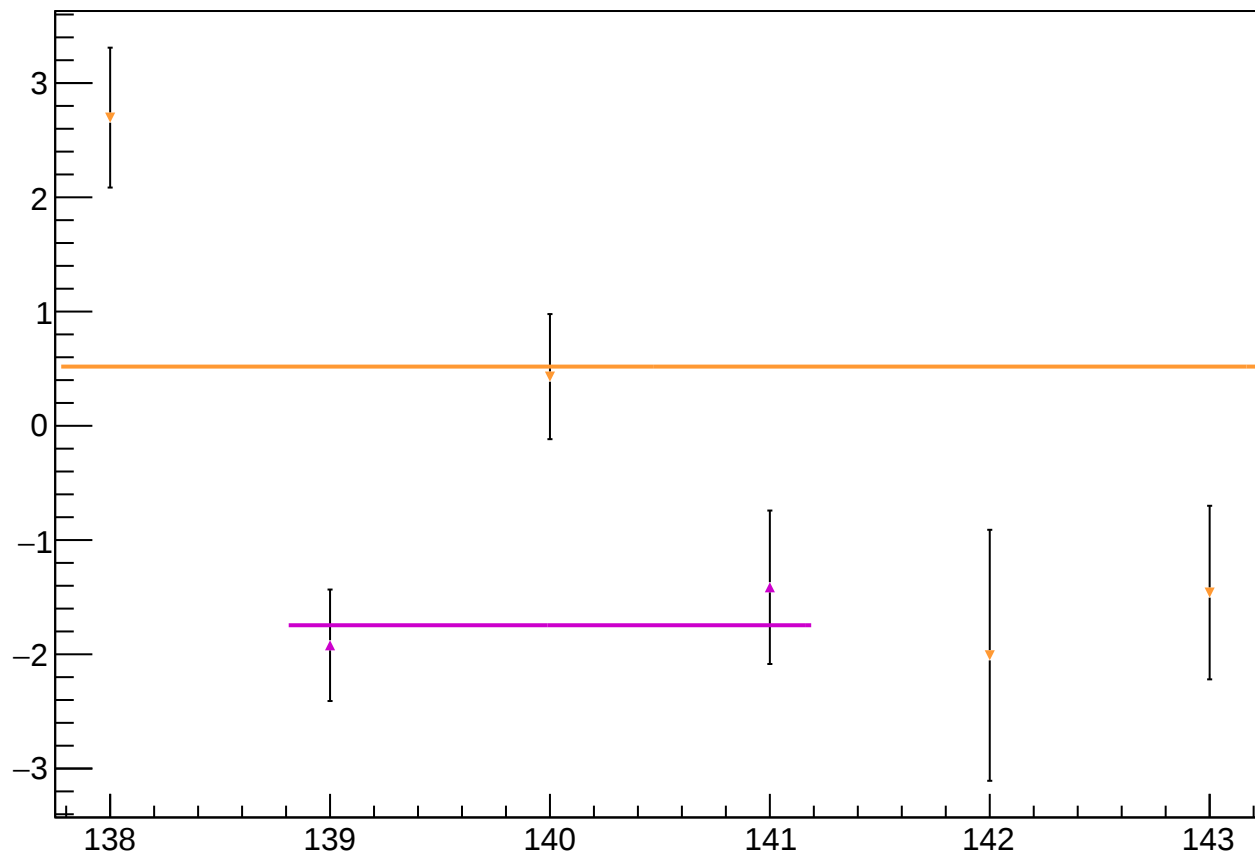
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.211 $\pm$ 0.003 χ^2 /NDF:3967.8/18

Out: 0.191 $\pm$ 0.003 χ^2 /NDF:2597.1/21

All: 0.201 $\pm$ 0.002 χ^2 /NDF: 6592.8/40

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected

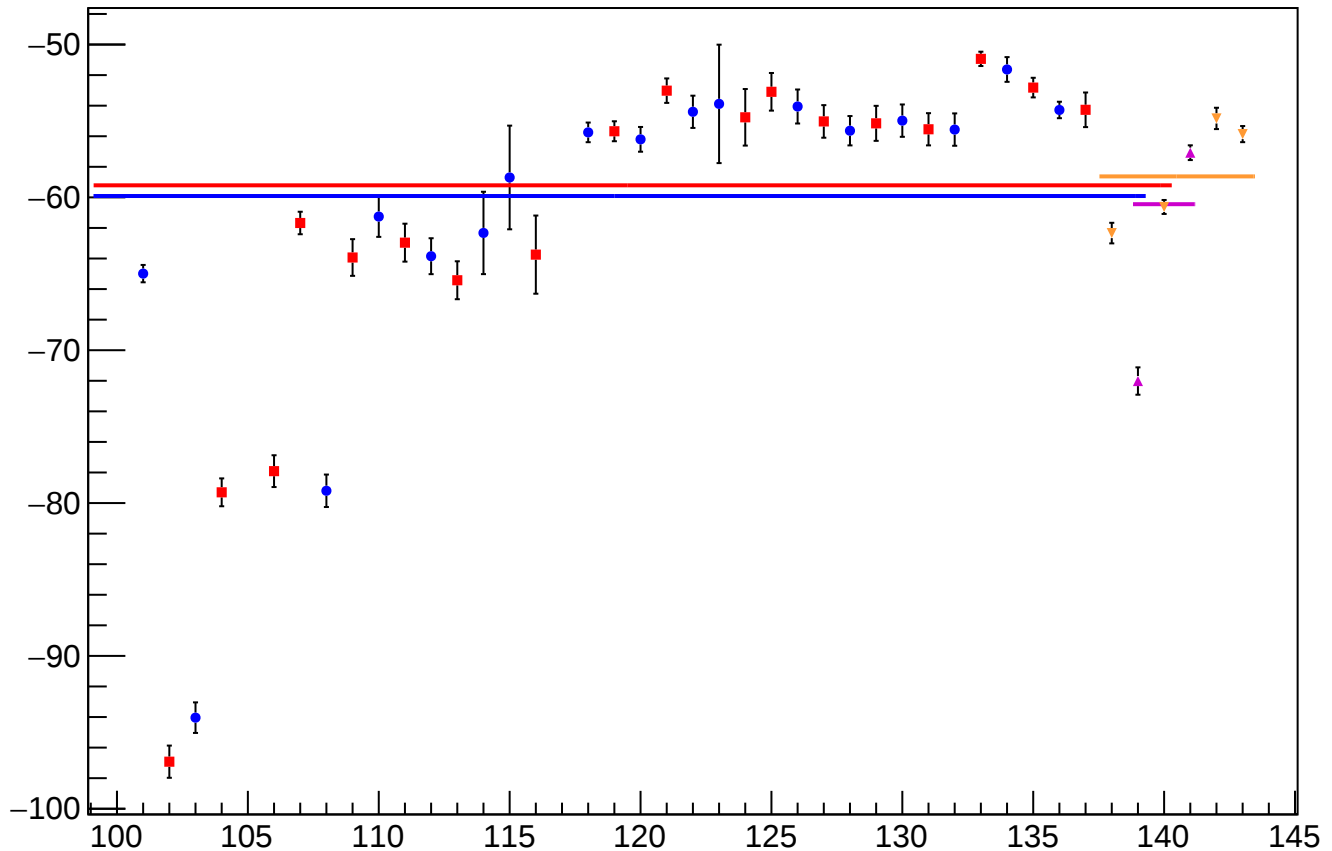


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.518+/-0.342 χ^2/NDF :24.8/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.746+/-0.395 χ^2/NDF :0.4/1

Left: -0.452+/-0.258 χ^2/NDF : 44.0/5
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.746+/-0.395 χ^2/NDF :0.4/1
 Out: 0.518+/-0.342 χ^2/NDF :24.8/3

All: -0.452+/-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: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -60.446 ± 0.425 χ^2/NDF : 215.8/1

Left: -59.181 ± 0.235 χ^2/NDF : 335.0/5

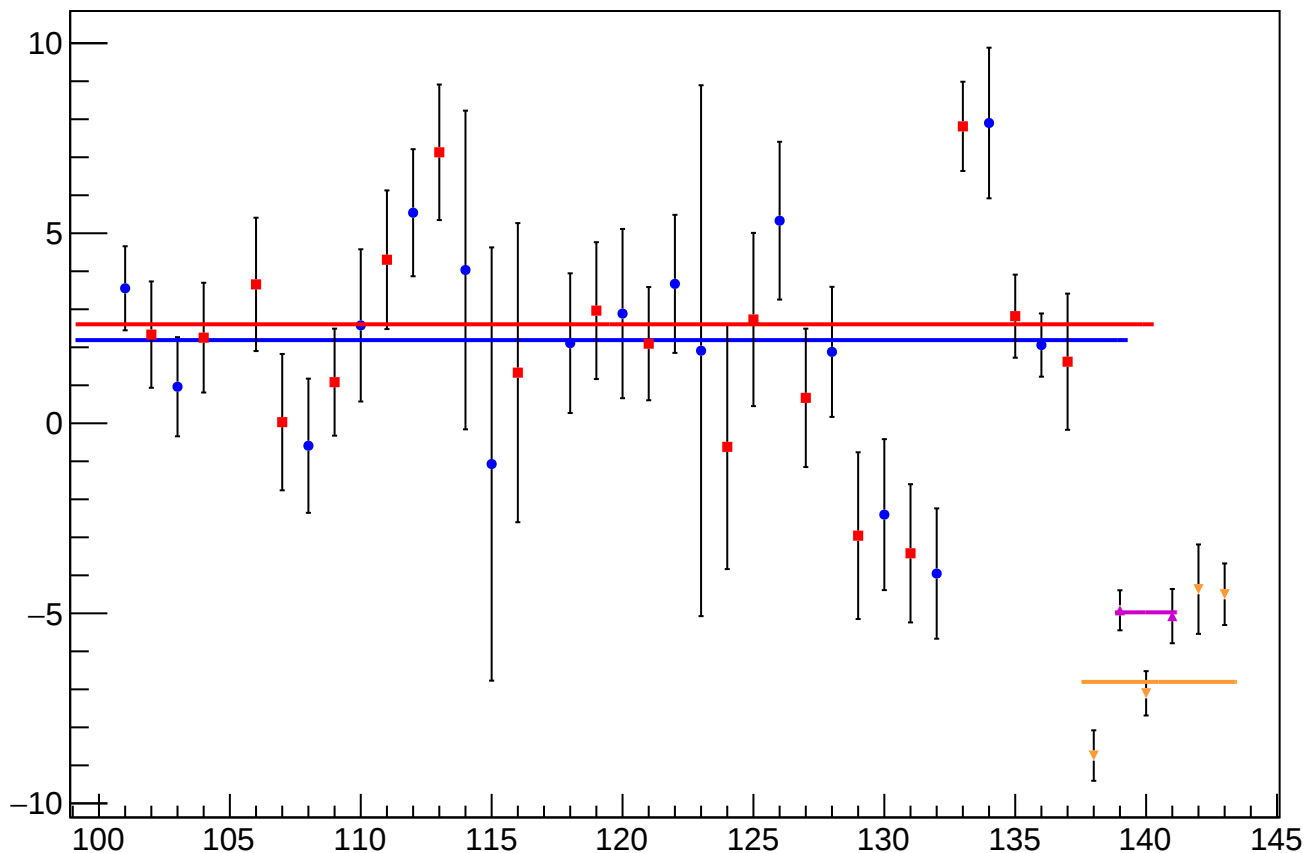
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -60.026 ± 0.198 χ^2/NDF : 2197.8/18

Out: -59.000 ± 0.169 χ^2/NDF : 2852.2/21

All: -59.435 ± 0.129 χ^2/NDF : 5065.6/40

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -6.804 ± 0.366 $\chi^2/\text{NDF}: 21.2/3$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -4.974 ± 0.424 $\chi^2/\text{NDF}: 0.0/1$

Left: -6.021 ± 0.277 $\chi^2/\text{NDF}: 31.9/5$

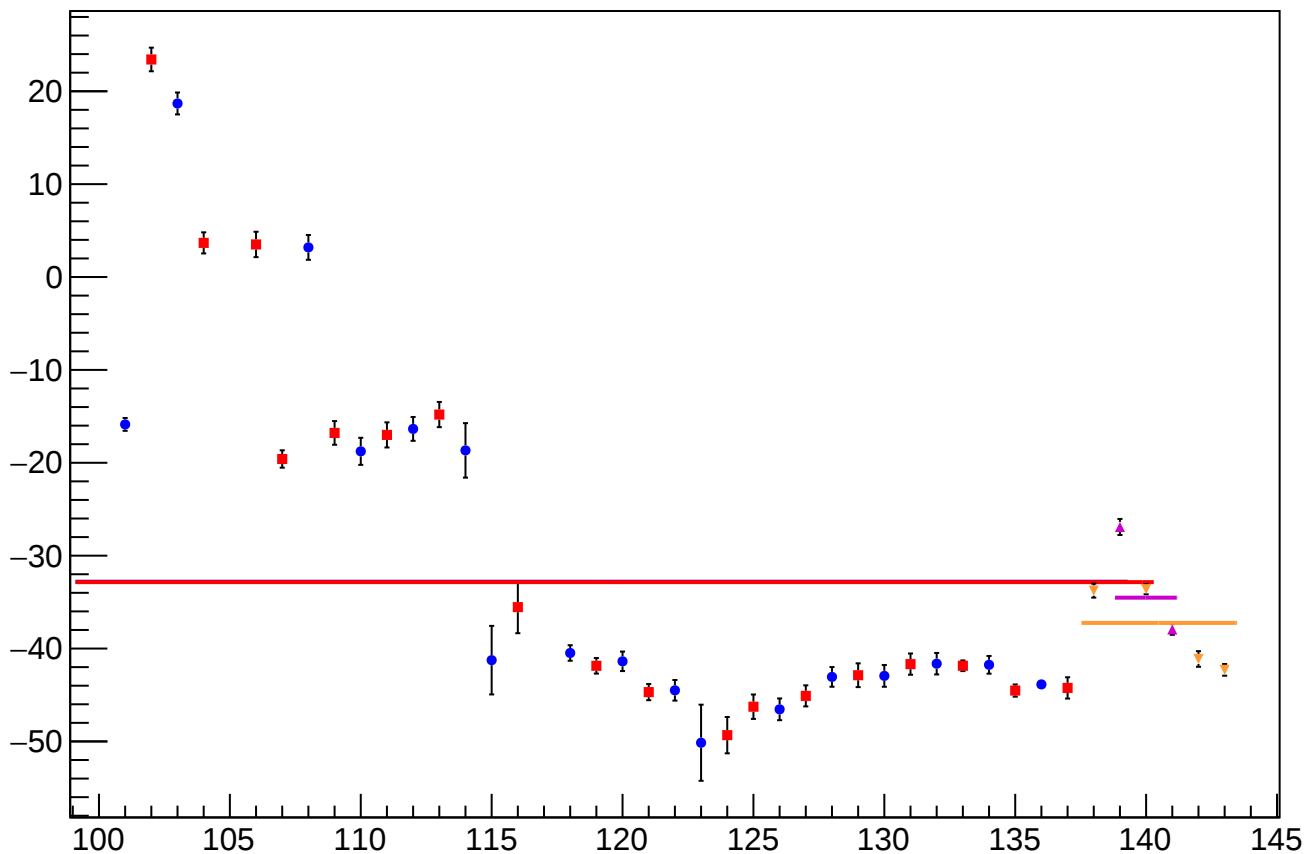
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -1.226 ± 0.293 $\chi^2/\text{NDF}: 188.5/18$

Out: -2.403 ± 0.267 $\chi^2/\text{NDF}: 380.4/21$

All: -1.868 ± 0.197 $\chi^2/\text{NDF}: 577.8/40$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.239 ± 0.333 $\chi^2/\text{NDF}: 150.6/3$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -34.522 ± 0.481 $\chi^2/\text{NDF}: 112.7/1$

Left: -36.357 ± 0.274 $\chi^2/\text{NDF}: 285.0/5$

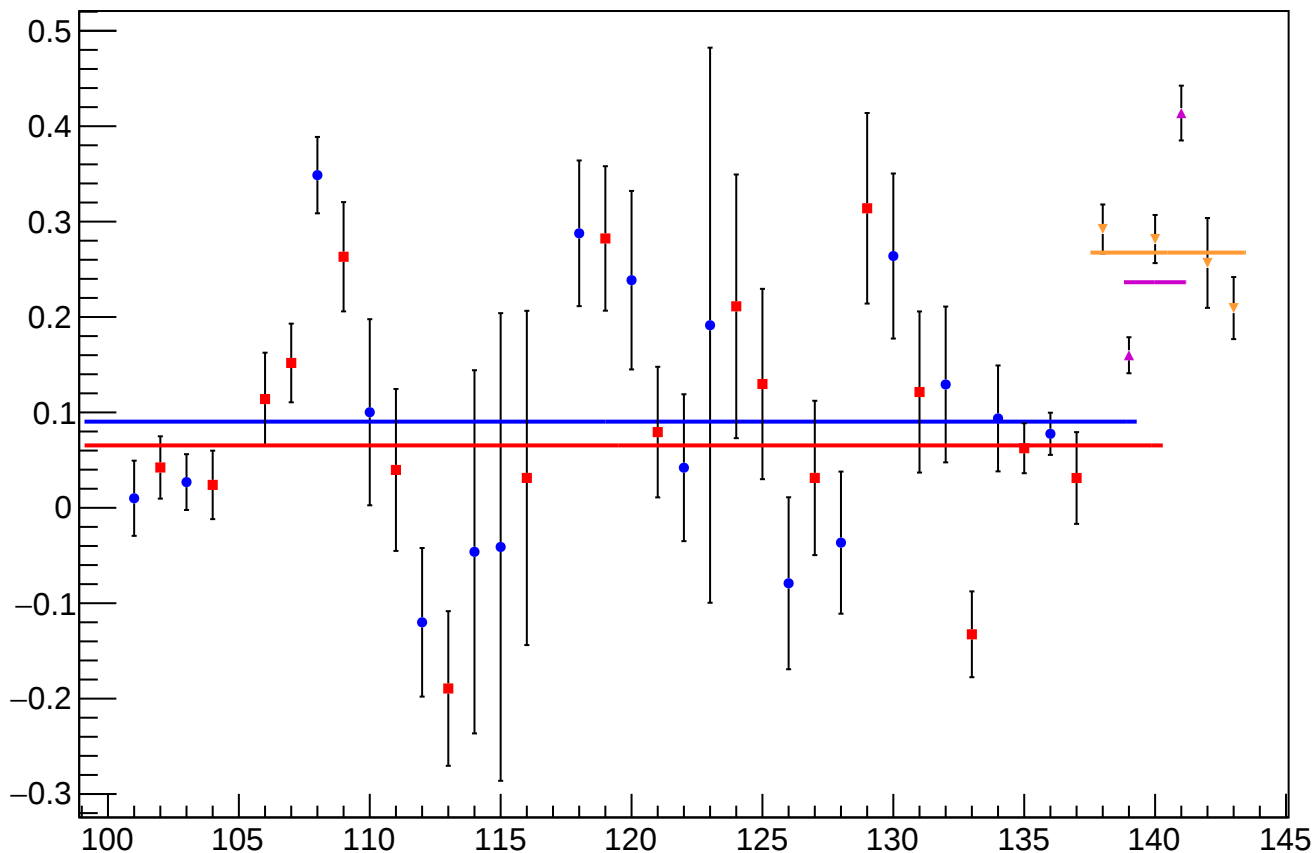
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -33.181 ± 0.225 $\chi^2/\text{NDF}: 4785.5/18$

Out: -34.385 ± 0.197 $\chi^2/\text{NDF}: 6013.8/21$

All: -33.862 ± 0.148 $\chi^2/\text{NDF}: 10815.5/40$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.4/16

Left Out: 0.268 ± 0.015 χ^2/NDF : 4.5/3

Right Out: 0.065 ± 0.012 χ^2/NDF : 65.7/17

Left In: 0.236 ± 0.016 χ^2/NDF : 54.5/1

Left: 0.253 ± 0.011 χ^2/NDF : 61.1/5

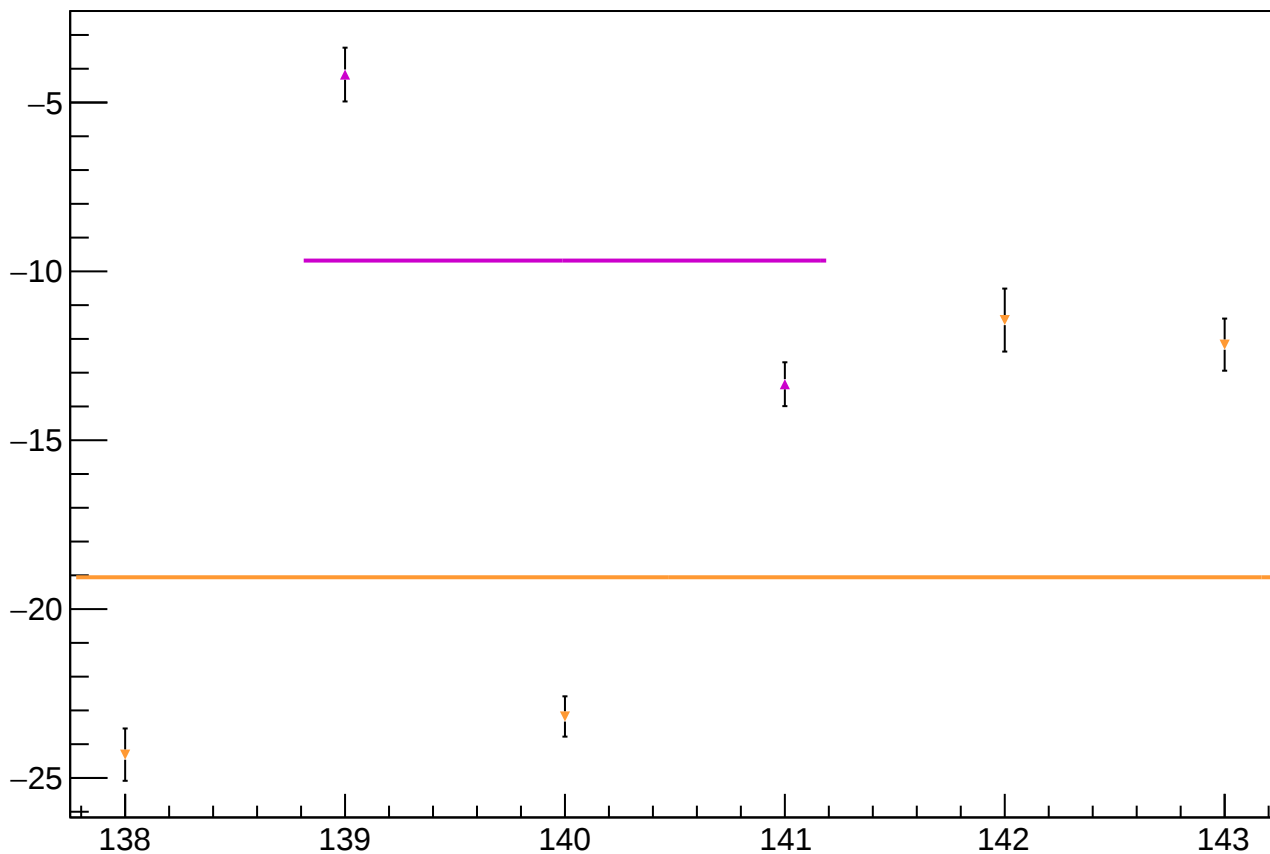
Right: 0.077 ± 0.009 χ^2/NDF : 147.0/34

In: 0.148 ± 0.010 χ^2/NDF : 185.9/18

Out: 0.147 ± 0.009 χ^2/NDF : 179.7/21

All: 0.147 ± 0.007 χ^2/NDF : 365.5/40

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

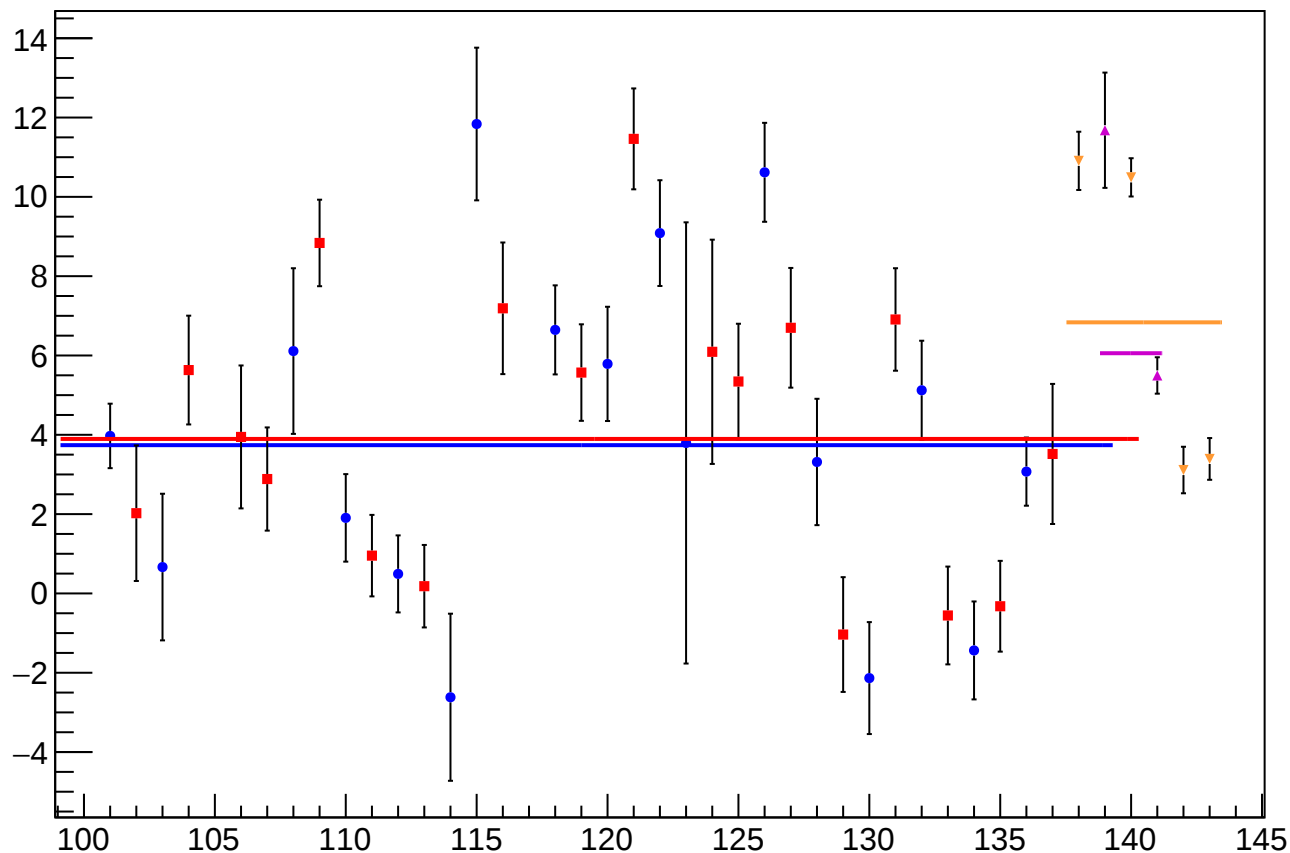
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 6.057 ± 0.438 χ^2/NDF : 16.5/1

Left: 6.609 ± 0.236 χ^2/NDF : 190.0/5

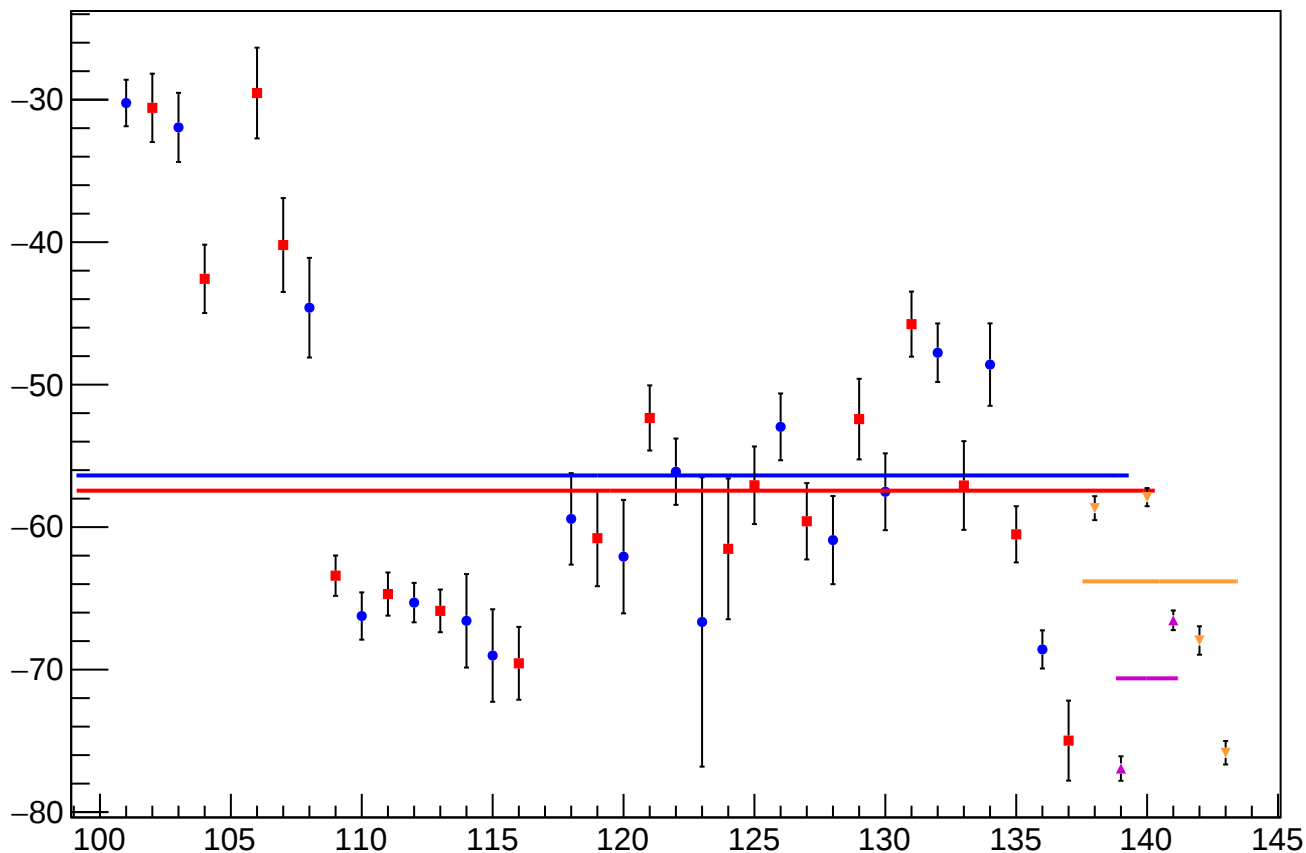
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 4.510 ± 0.252 χ^2/NDF : 172.1/18

Out: 5.539 ± 0.210 χ^2/NDF : 354.4/21

All: 5.118 ± 0.161 χ^2/NDF : 536.3/40

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -63.806 ± 0.396 $\chi^2/\text{NDF}: 355.0/3$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -70.612 ± 0.539 $\chi^2/\text{NDF}: 88.9/1$

Left: -66.195 ± 0.319 $\chi^2/\text{NDF}: 547.6/5$

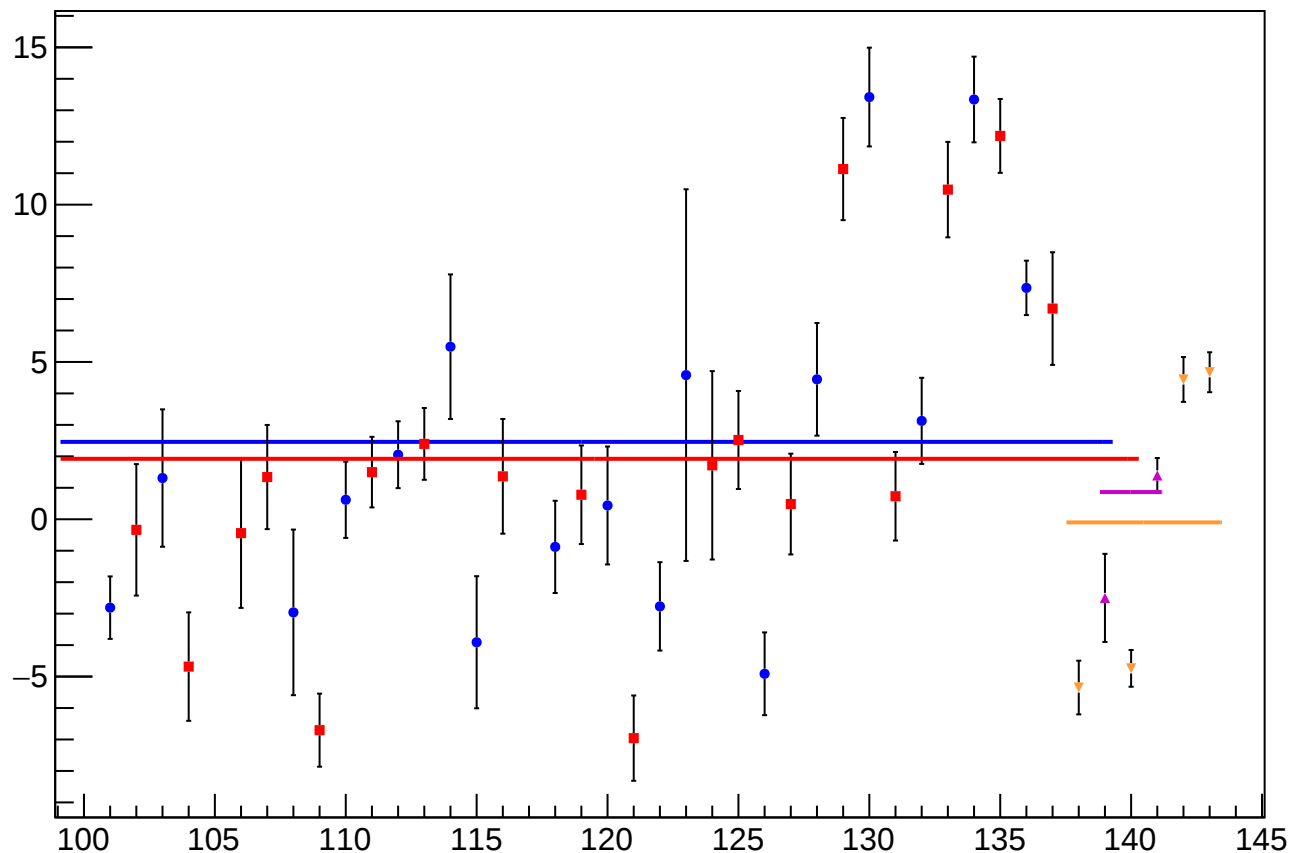
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -63.551 ± 0.382 $\chi^2/\text{NDF}: 1023.2/18$

Out: -61.564 ± 0.319 $\chi^2/\text{NDF}: 887.0/21$

All: -62.378 ± 0.245 $\chi^2/\text{NDF}: 1926.2/40$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460+/-0.346 χ^2/NDF : 243.9/16

Left Out: -0.100+/-0.338 χ^2/NDF :198.2/3

Right Out: 1.922+/-0.355 χ^2/NDF : 265.1/17

Left In: 0.865+/-0.515 χ^2/NDF :6.7/1

Left: 0.190+/-0.283 χ^2/NDF : 207.4/5

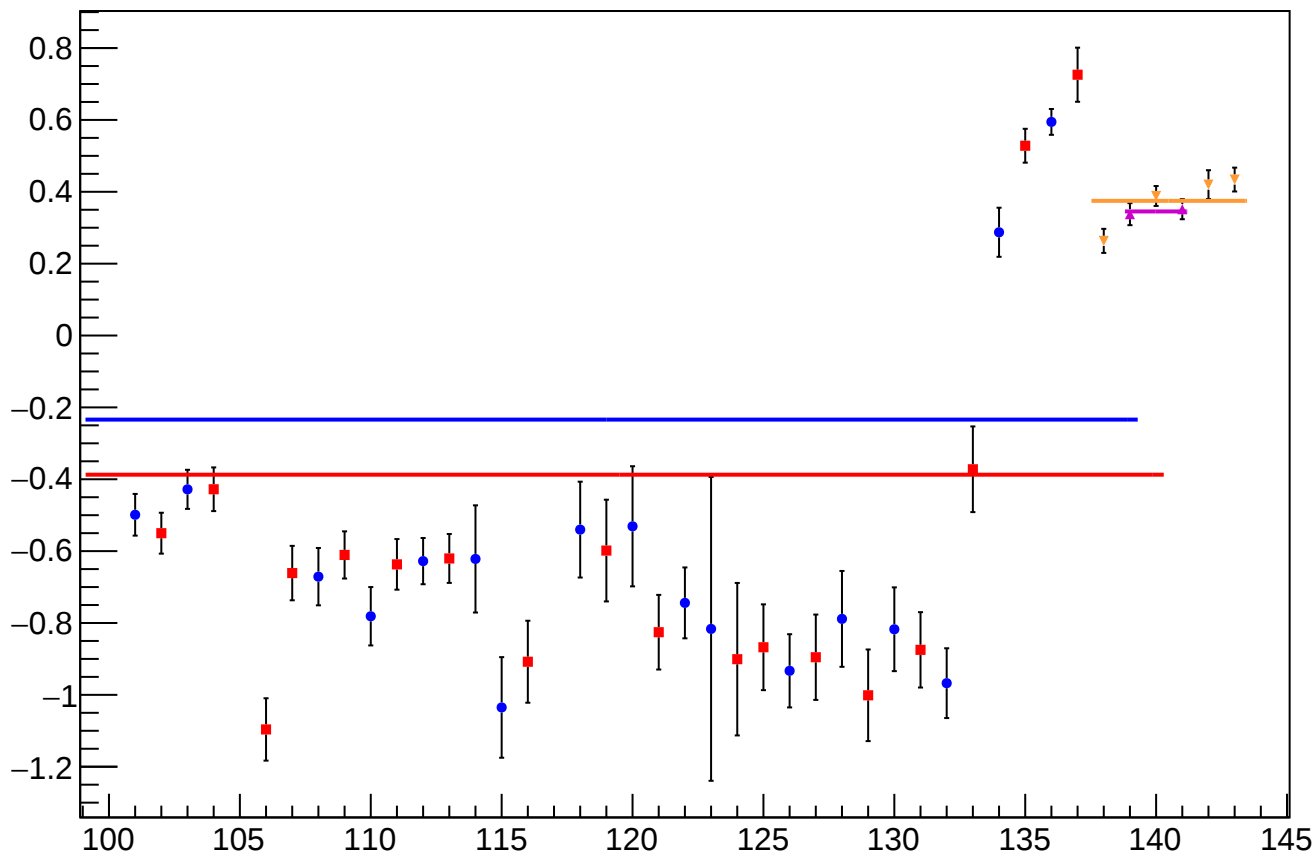
Right: 2.198+/-0.248 χ^2/NDF : 510.2/34

In: 1.964+/-0.287 χ^2/NDF :257.2/18

Out: 0.861+/-0.245 χ^2/NDF :480.4/21

All: 1.325+/-0.186 χ^2/NDF : 746.1/40

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.375 ± 0.016 χ^2/NDF : 15.8/3

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.345 ± 0.021 χ^2/NDF : 0.1/1

Left: 0.363 ± 0.013 χ^2/NDF : 17.1/5

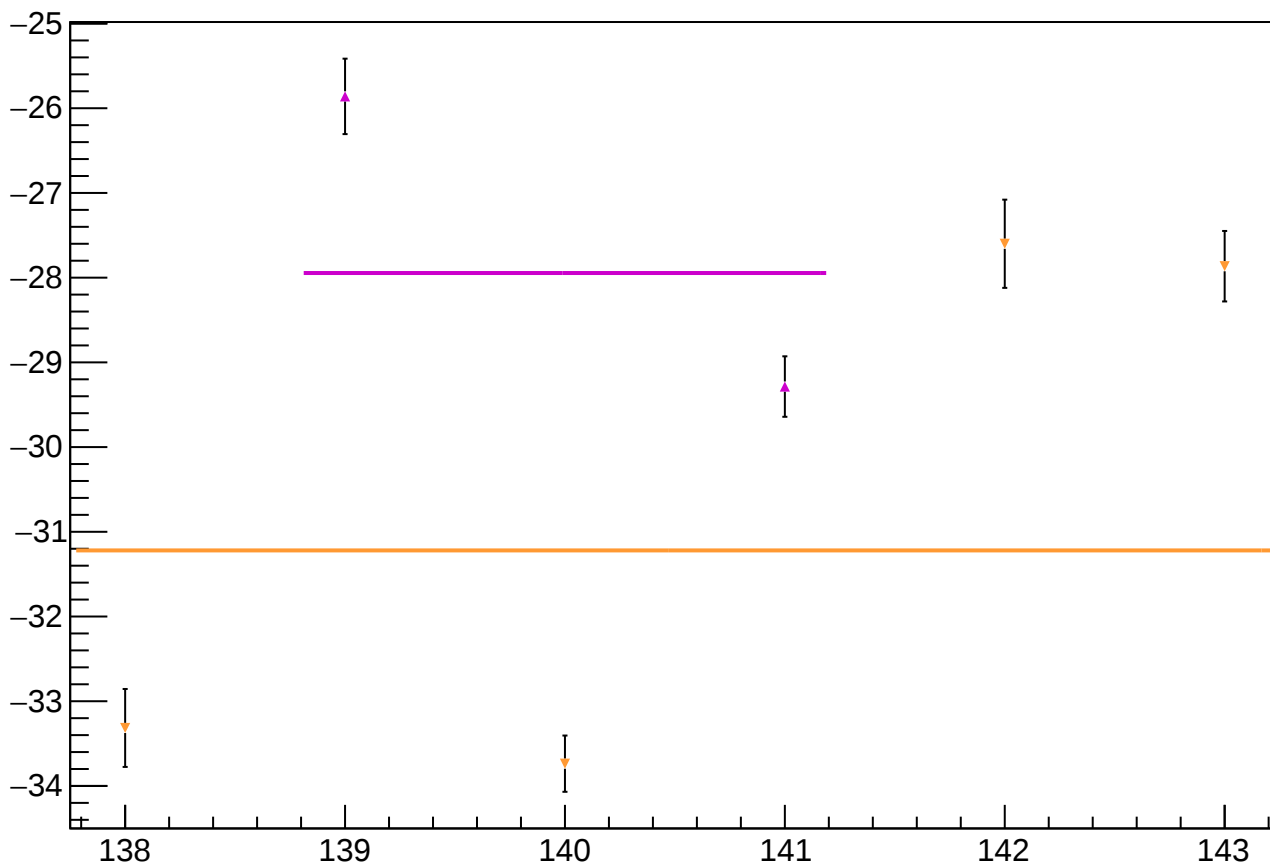
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.030 ± 0.014 χ^2/NDF : 1387.1/18

Out: 0.050 ± 0.012 χ^2/NDF : 1785.0/21

All: 0.041 ± 0.009 χ^2/NDF : 3173.3/40

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

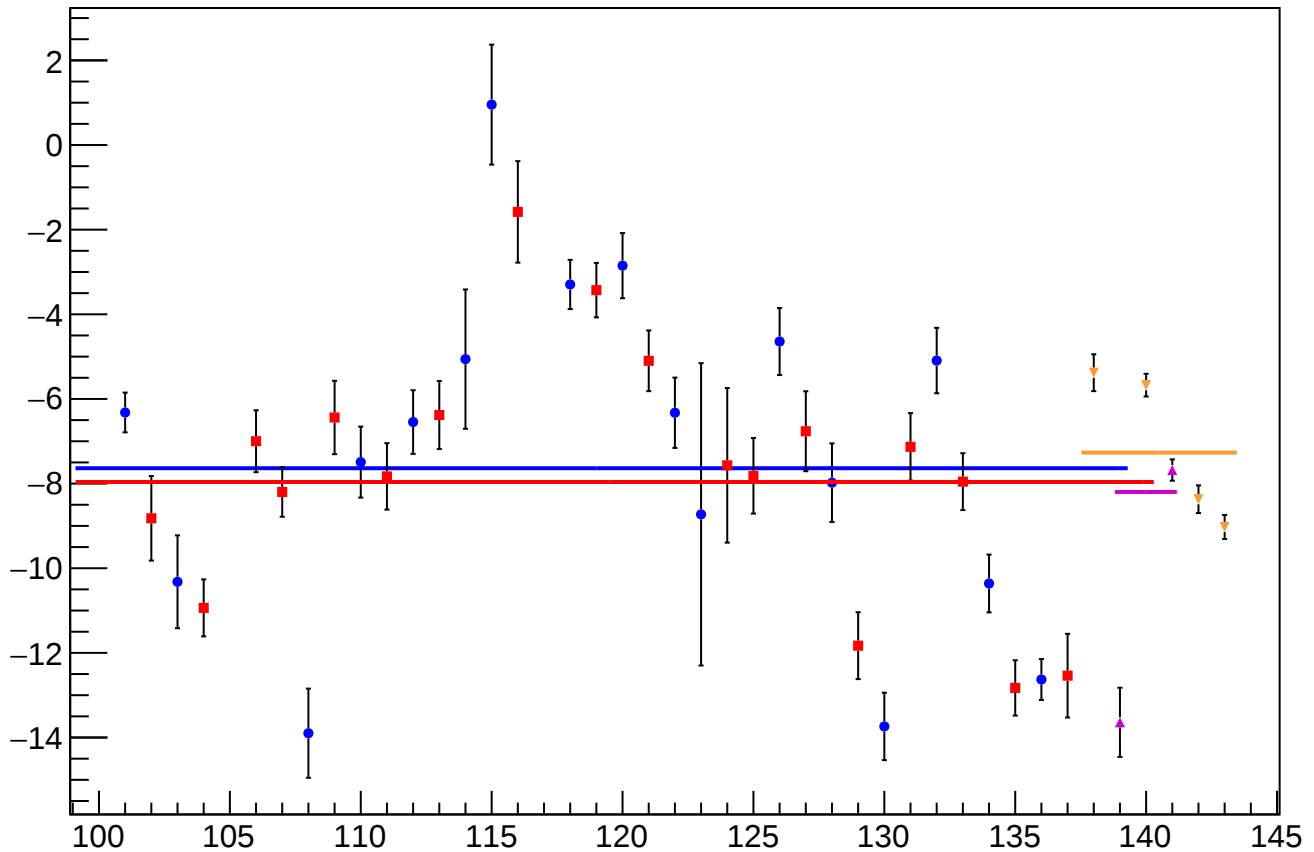
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -8.198 ± 0.241 χ^2/NDF : 48.5/1

Left: -7.543 ± 0.131 χ^2/NDF : 162.9/5

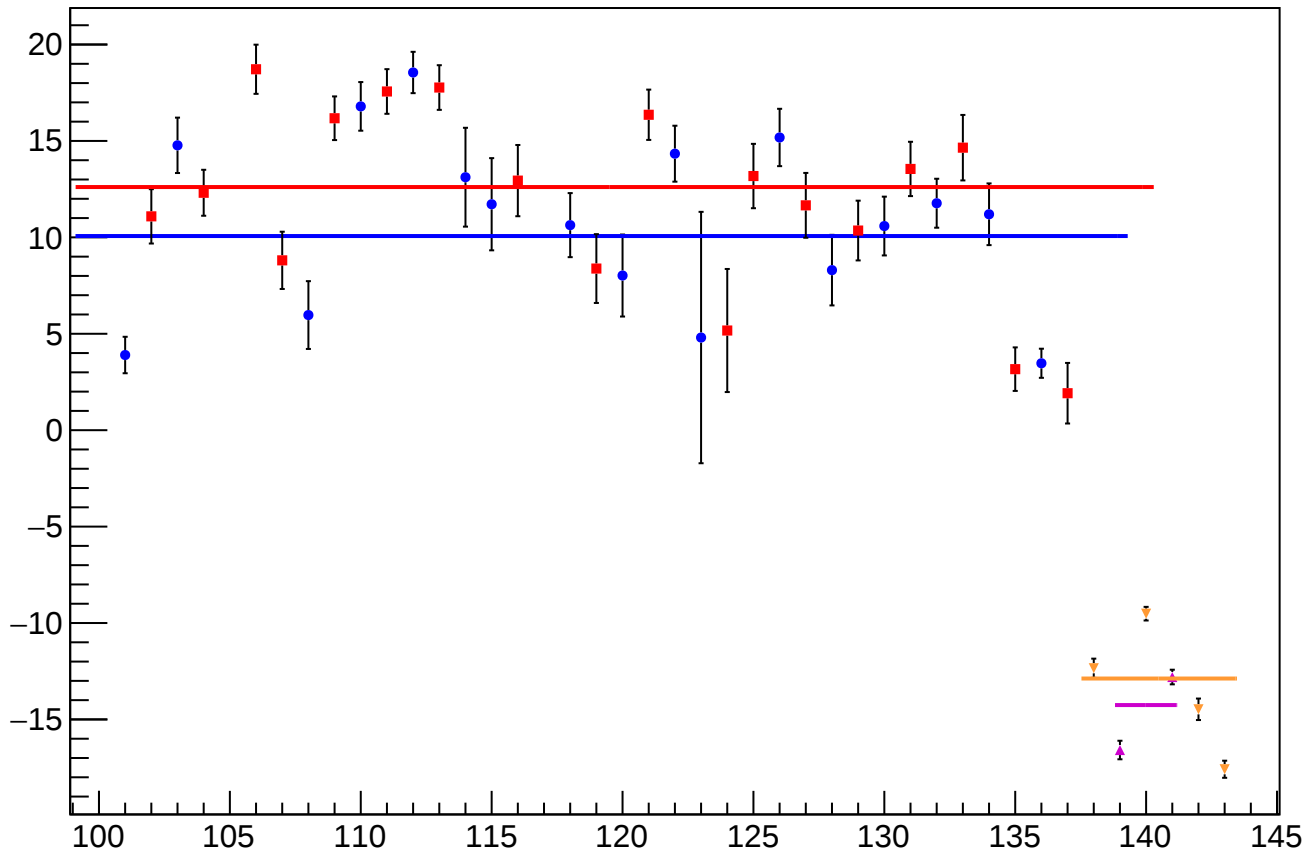
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.846 ± 0.147 χ^2/NDF : 445.9/18

Out: -7.555 ± 0.120 χ^2/NDF : 338.6/21

All: -7.671 ± 0.093 χ^2/NDF : 786.9/40

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16

Left Out: -12.878 ± 0.222 χ^2/NDF : 212.3/3

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -14.255 ± 0.298 χ^2/NDF : 38.2/1

Left: -13.369 ± 0.178 χ^2/NDF : 264.3/5

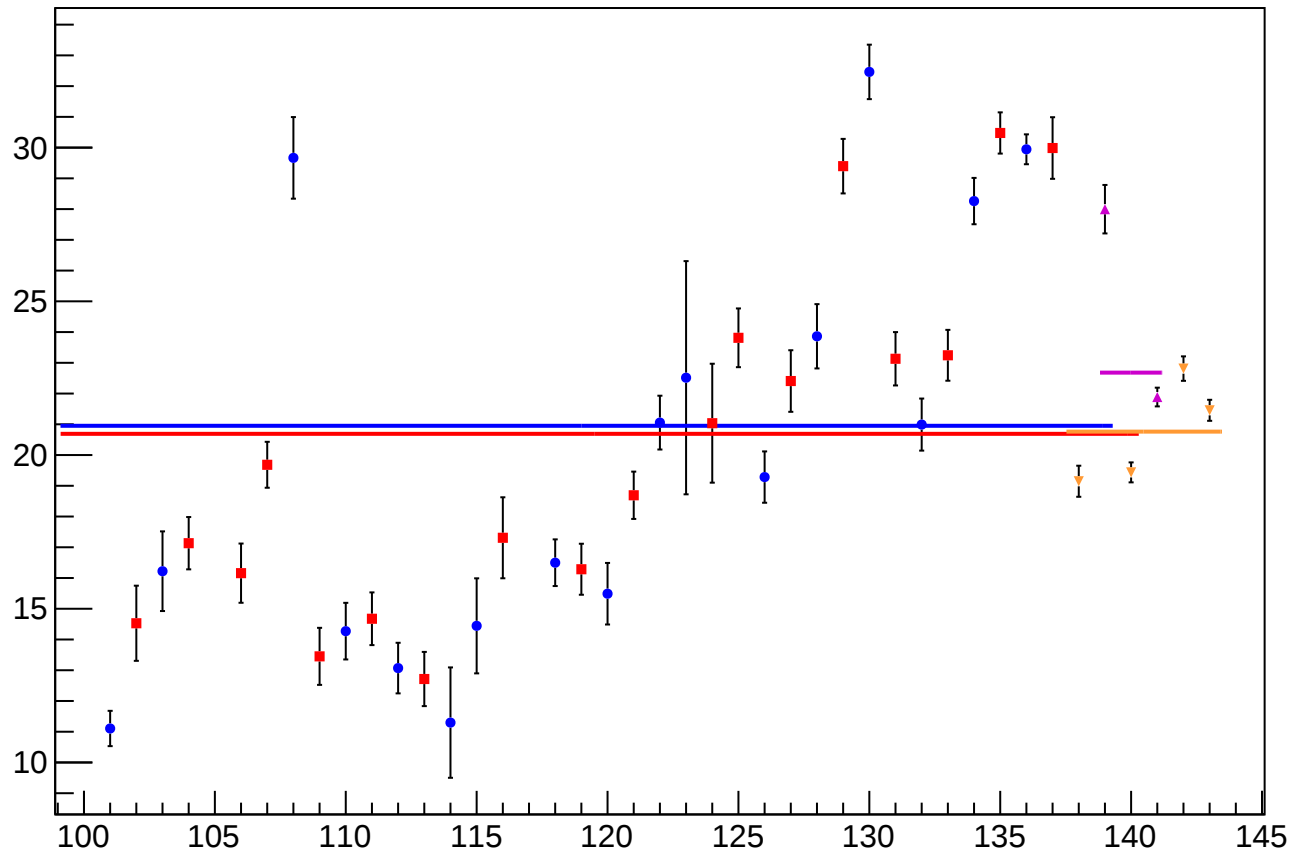
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: -3.601 ± 0.223 χ^2/NDF : 3212.0/18

Out: -5.050 ± 0.185 χ^2/NDF : 4487.8/21

All: -4.462 ± 0.142 χ^2/NDF : 7724.8/40

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: 20.690+/-0.213 χ^2/NDF : 726.9/17

Left In: 22.681+/-0.284 χ^2/NDF : 52.3/1

Left: 21.346+/-0.157 χ^2/NDF : 141.5/5

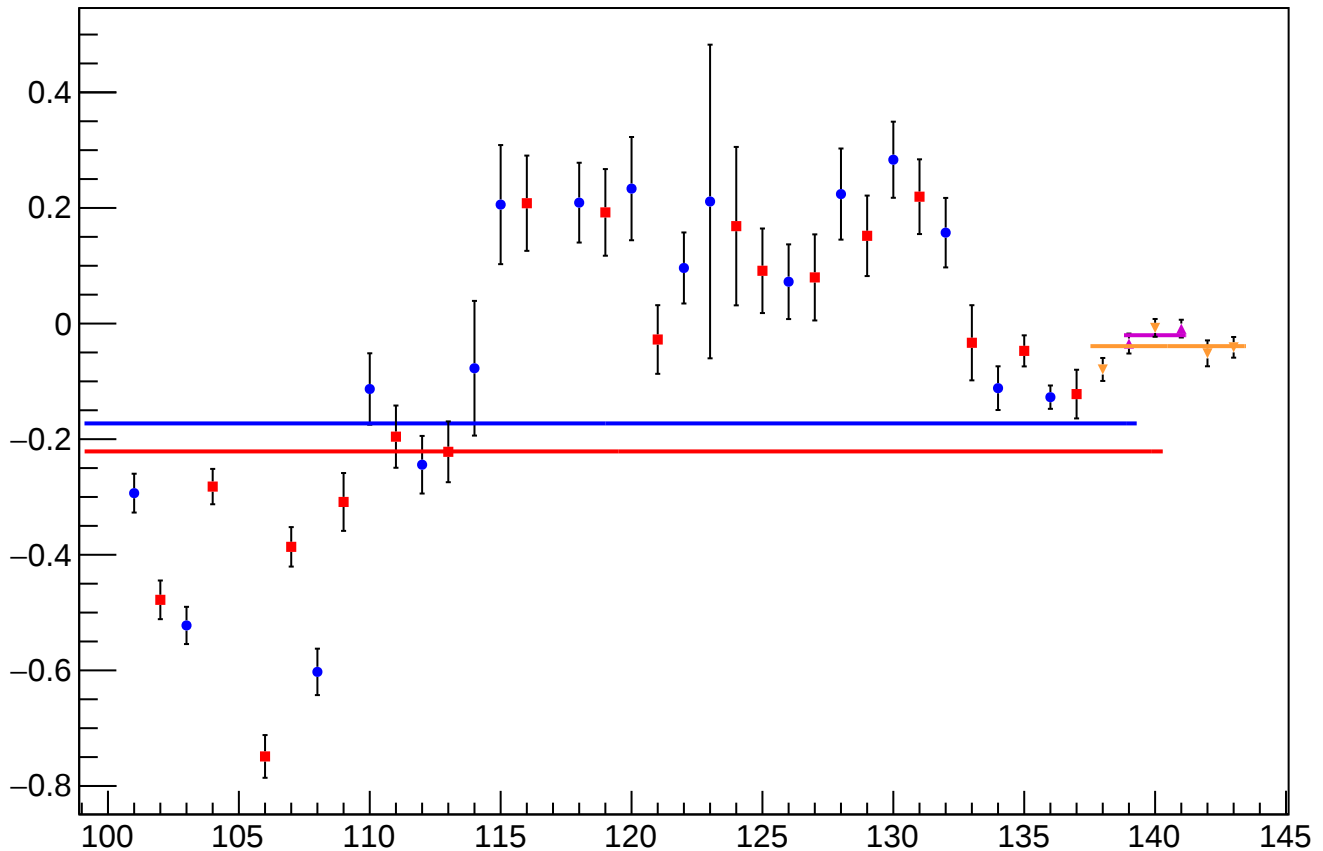
Right: 20.822+/-0.149 χ^2/NDF : 1950.5/34

In: 21.562+/-0.169 χ^2/NDF : 1299.0/18

Out: 20.730+/-0.141 χ^2/NDF : 784.5/21

All: 21.072+/-0.108 χ^2/NDF : 2097.8/40

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: -0.221 ± 0.011 $\chi^2/\text{NDF}: 535.1/17$

Left In: -0.020 ± 0.011 $\chi^2/\text{NDF}: 1.3/1$

Left: -0.032 ± 0.007 $\chi^2/\text{NDF}: 11.6/5$

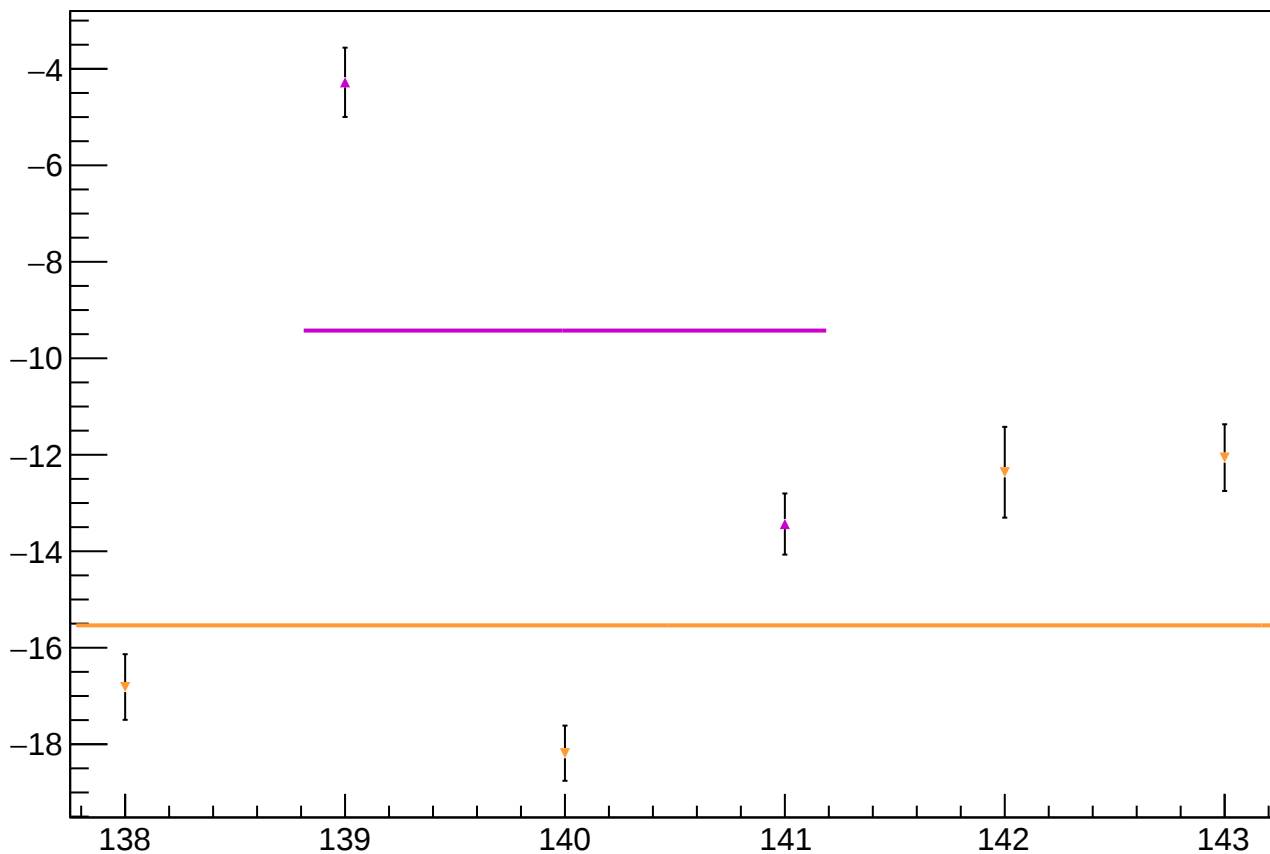
Right: -0.197 ± 0.008 $\chi^2/\text{NDF}: 1005.0/34$

In: -0.098 ± 0.008 $\chi^2/\text{NDF}: 552.3/18$

Out: -0.114 ± 0.007 $\chi^2/\text{NDF}: 706.0/21$

All: -0.107 ± 0.005 $\chi^2/\text{NDF}: 1260.6/40$

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

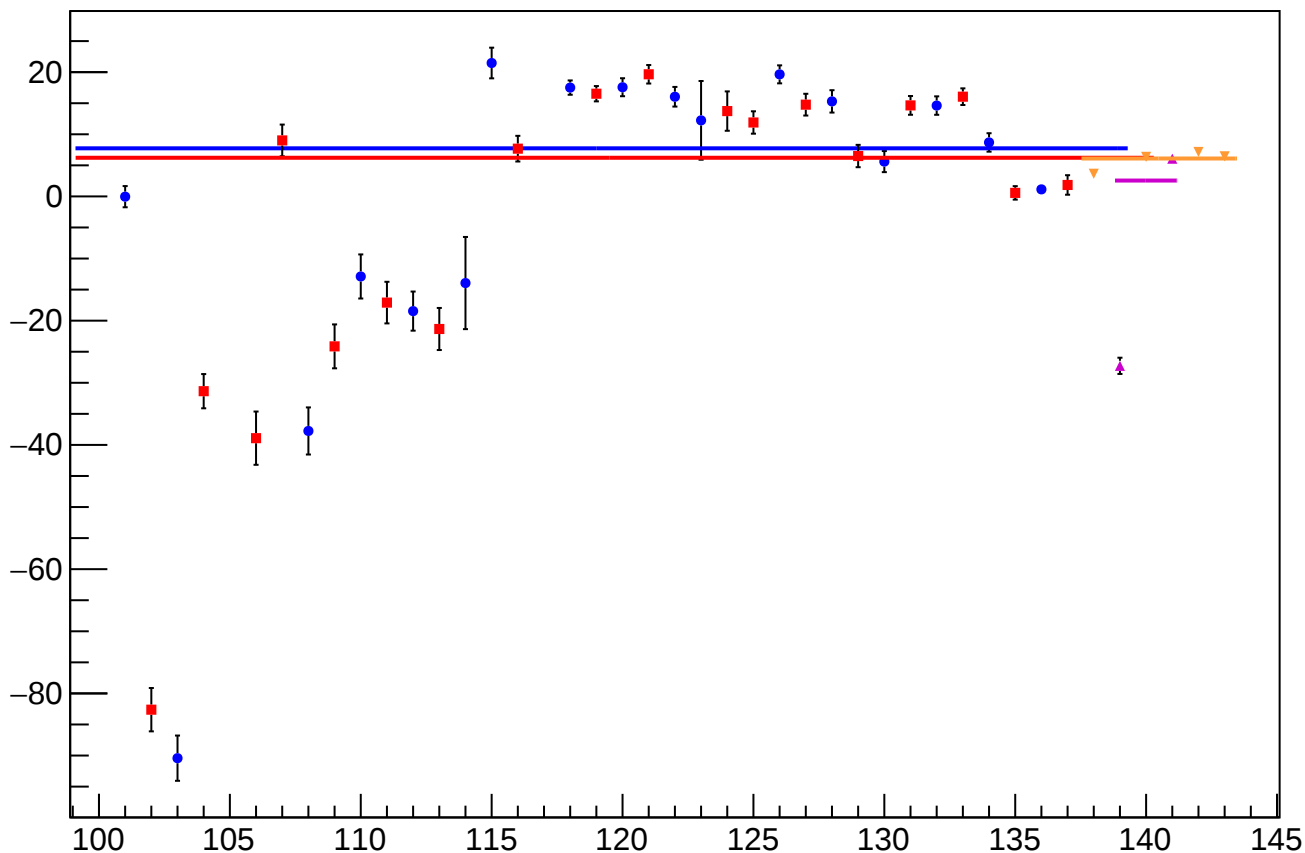
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 6.103 ± 0.264 χ^2/NDF : 18.3/3

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 2.553 ± 0.425 χ^2/NDF : 582.0/1

Left: 5.114 ± 0.224 χ^2/NDF : 650.7/5

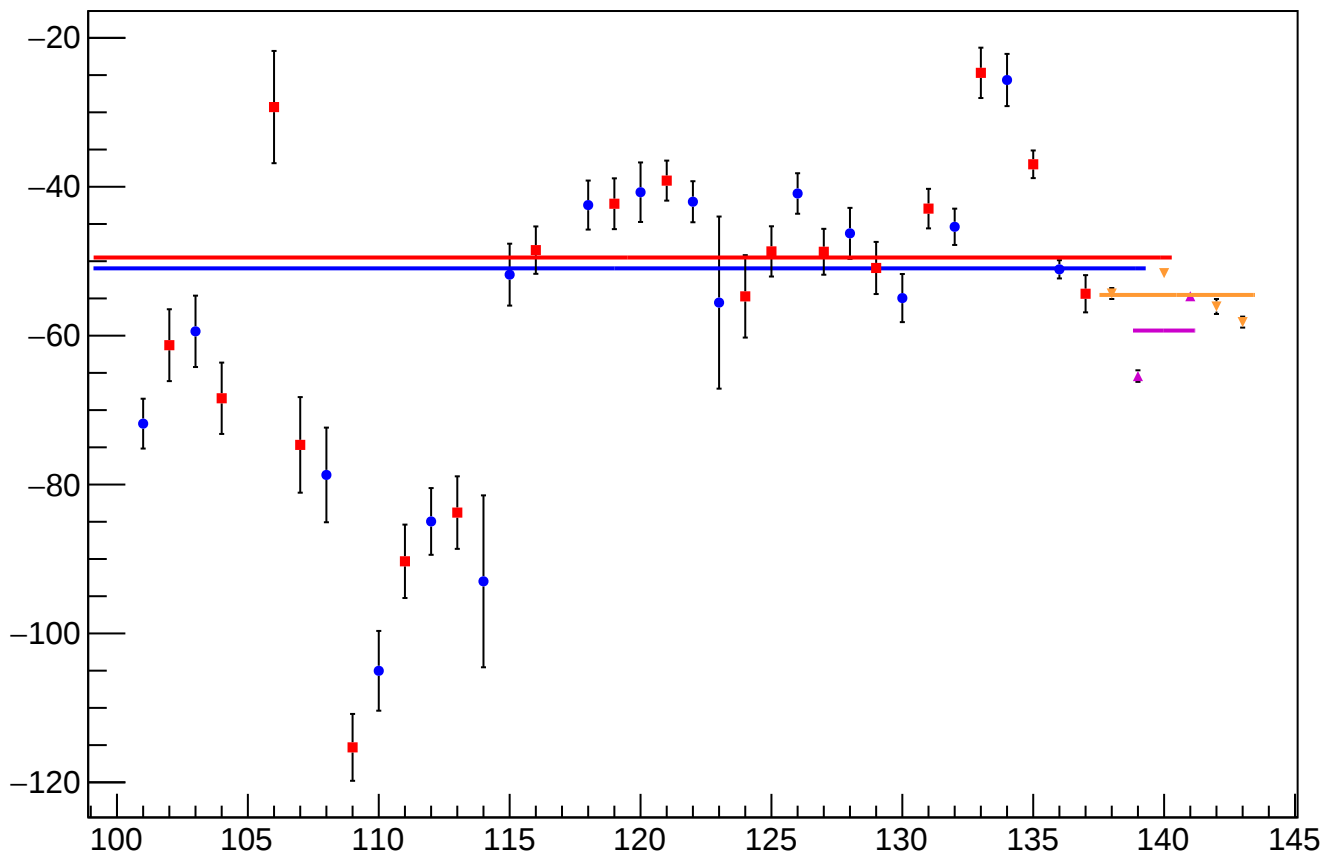
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.283 ± 0.292 χ^2/NDF : 2019.5/18

Out: 6.135 ± 0.225 χ^2/NDF : 1464.3/21

All: 5.817 ± 0.179 χ^2/NDF : 3489.1/40

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -54.530 ± 0.369 χ^2/NDF : 50.1/3

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -59.313 ± 0.509 χ^2/NDF : 108.8/1

Left: -56.175 ± 0.299 χ^2/NDF : 216.8/5

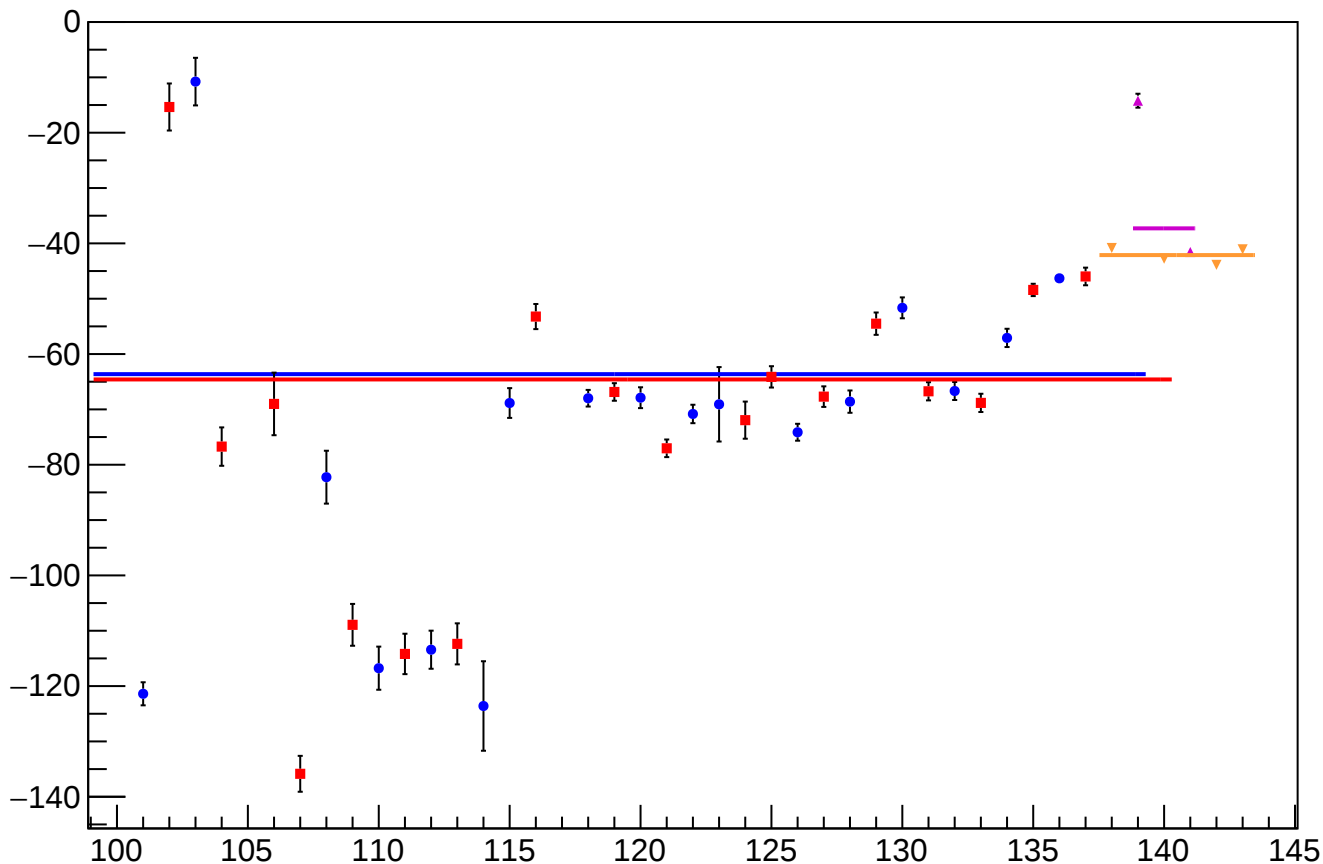
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -56.622 ± 0.419 χ^2/NDF : 527.5/18

Out: -53.646 ± 0.335 χ^2/NDF : 589.2/21

All: -54.804 ± 0.261 χ^2/NDF : 1147.5/40

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -42.116 ± 0.317 χ^2/NDF : 13.7/3

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -37.288 ± 0.498 χ^2/NDF : 397.6/1

Left: -40.724 ± 0.267 χ^2/NDF : 478.2/5

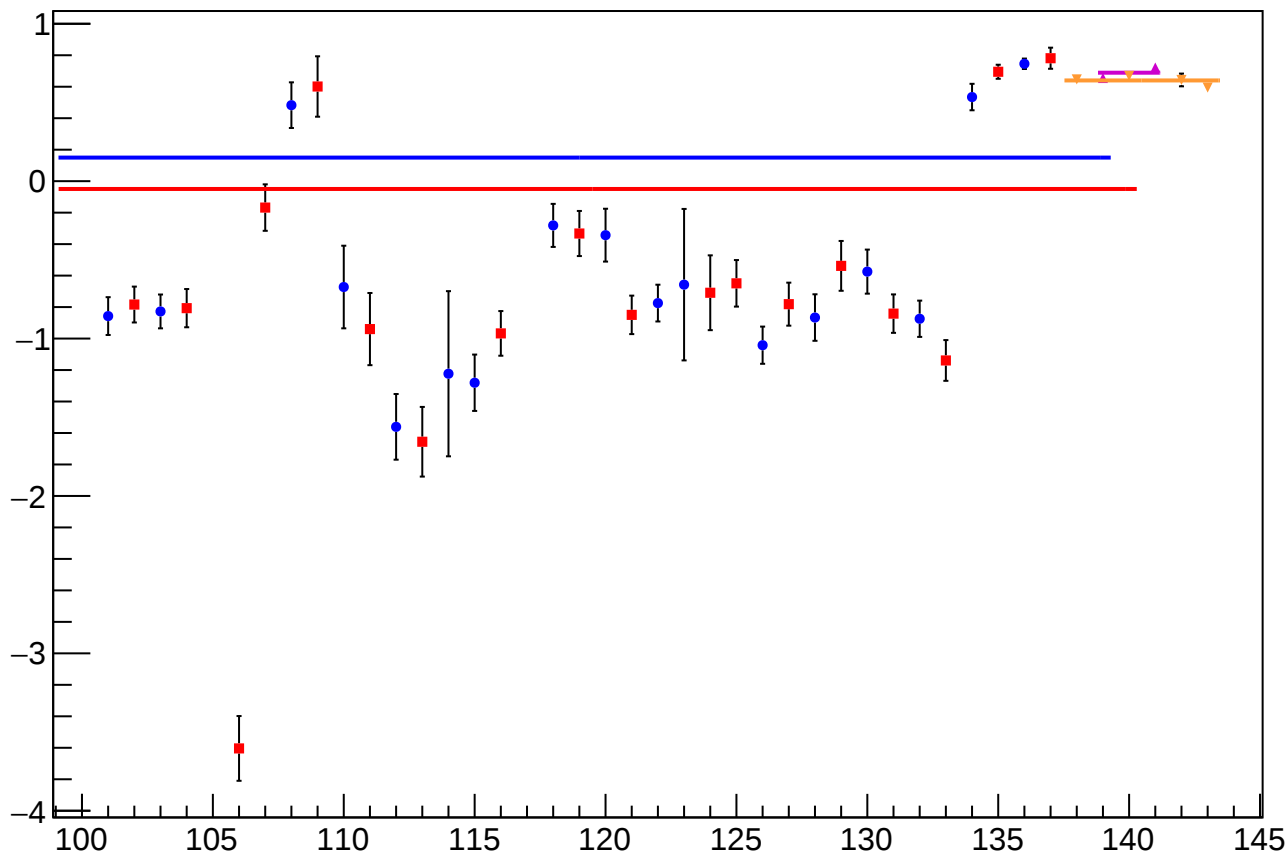
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -51.908 ± 0.332 χ^2/NDF : 3962.4/18

Out: -48.895 ± 0.265 χ^2/NDF : 3125.1/21

All: -50.066 ± 0.207 χ^2/NDF : 7137.8/40

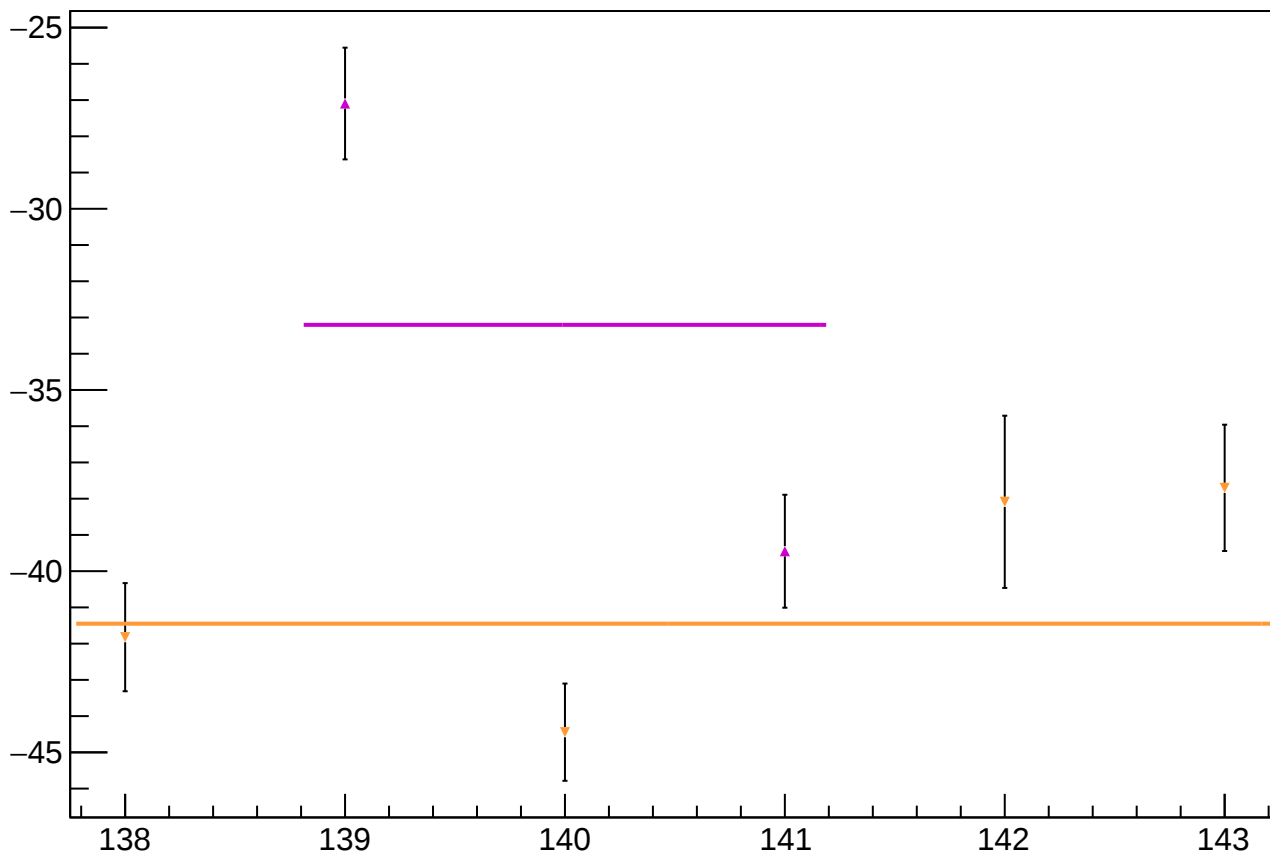
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.640 ± 0.015 $\chi^2/\text{NDF}: 3.6/3$
 Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.689 ± 0.019 $\chi^2/\text{NDF}: 3.0/1$

Left: 0.659 ± 0.012 $\chi^2/\text{NDF}: 10.5/5$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.476 ± 0.015 $\chi^2/\text{NDF}: 1298.0/18$
 Out: 0.466 ± 0.013 $\chi^2/\text{NDF}: 1674.5/21$
 All: 0.470 ± 0.010 $\chi^2/\text{NDF}: 2972.7/40$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

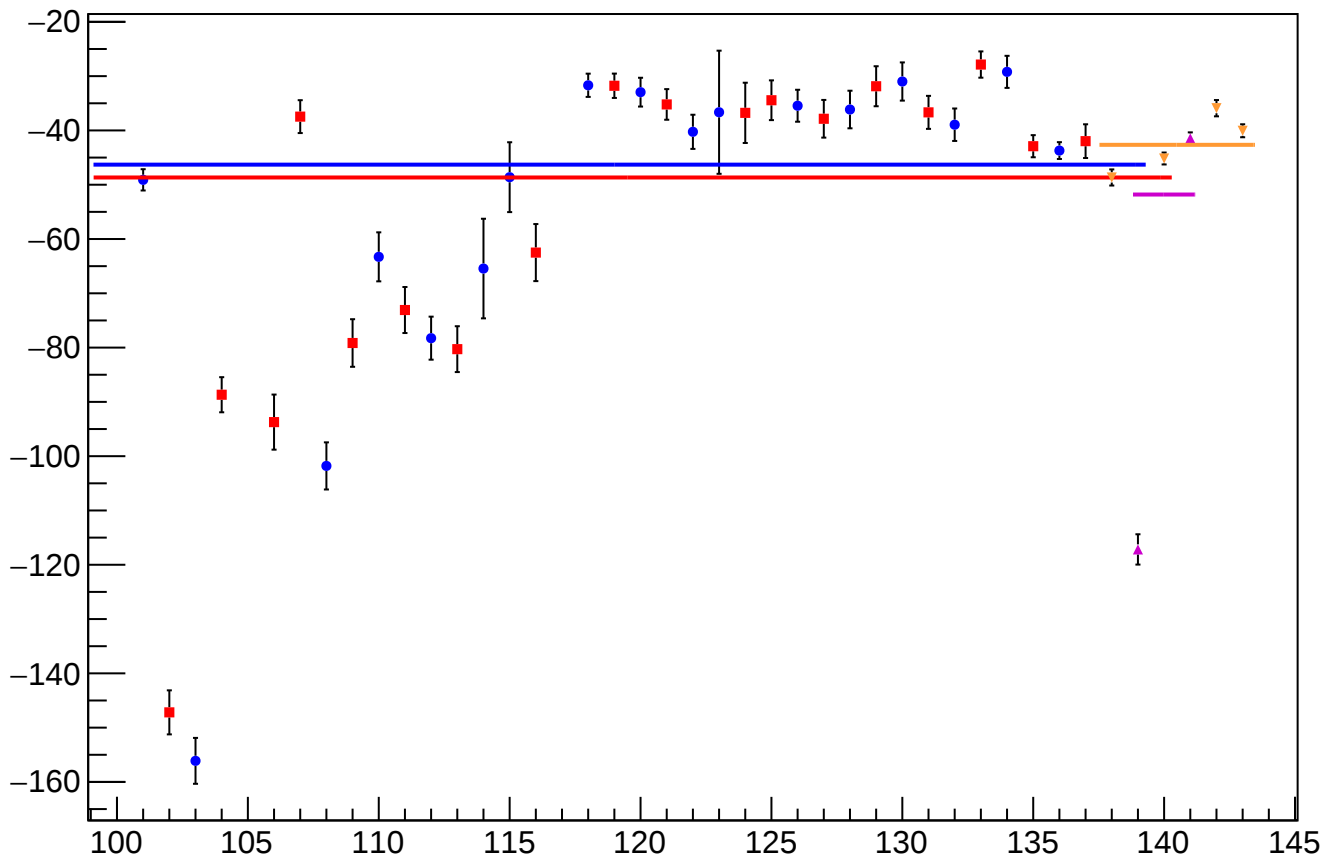
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -42.652 ± 0.642 $\chi^2/\text{NDF}: 46.6/3$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -51.806 ± 1.032 $\chi^2/\text{NDF}: 634.8/1$

Left: -45.208 ± 0.545 $\chi^2/\text{NDF}: 738.1/5$

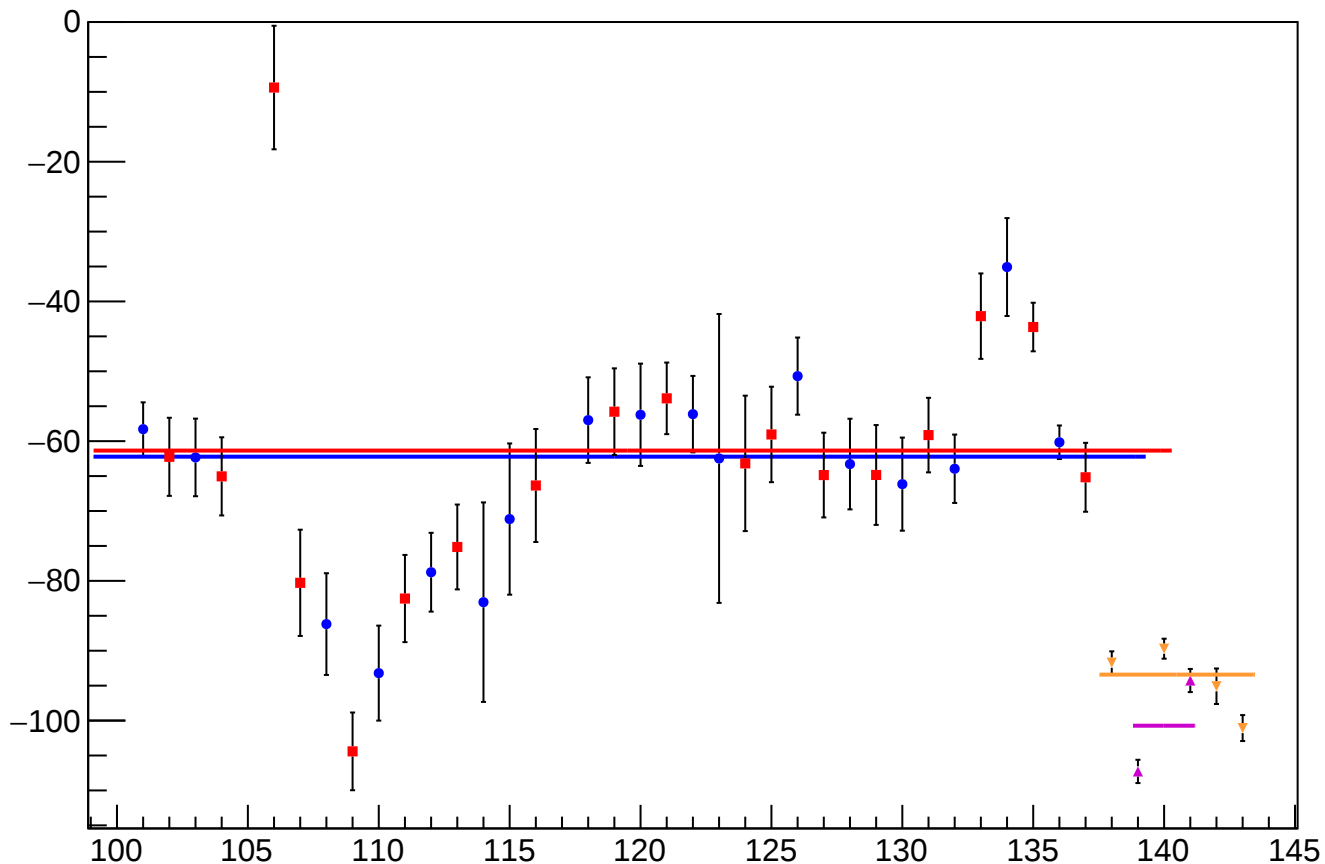
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -48.116 ± 0.592 $\chi^2/\text{NDF}: 1737.9/18$

Out: -45.144 ± 0.491 $\chi^2/\text{NDF}: 1295.2/21$

All: -46.356 ± 0.378 $\chi^2/\text{NDF}: 3048.0/40$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -93.421 ± 0.872 $\chi^2/\text{NDF}: 25.2/3$

Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$

Left In: -100.733 ± 1.176 $\chi^2/\text{NDF}: 30.6/1$

Left: -96.015 ± 0.700 $\chi^2/\text{NDF}: 80.8/5$

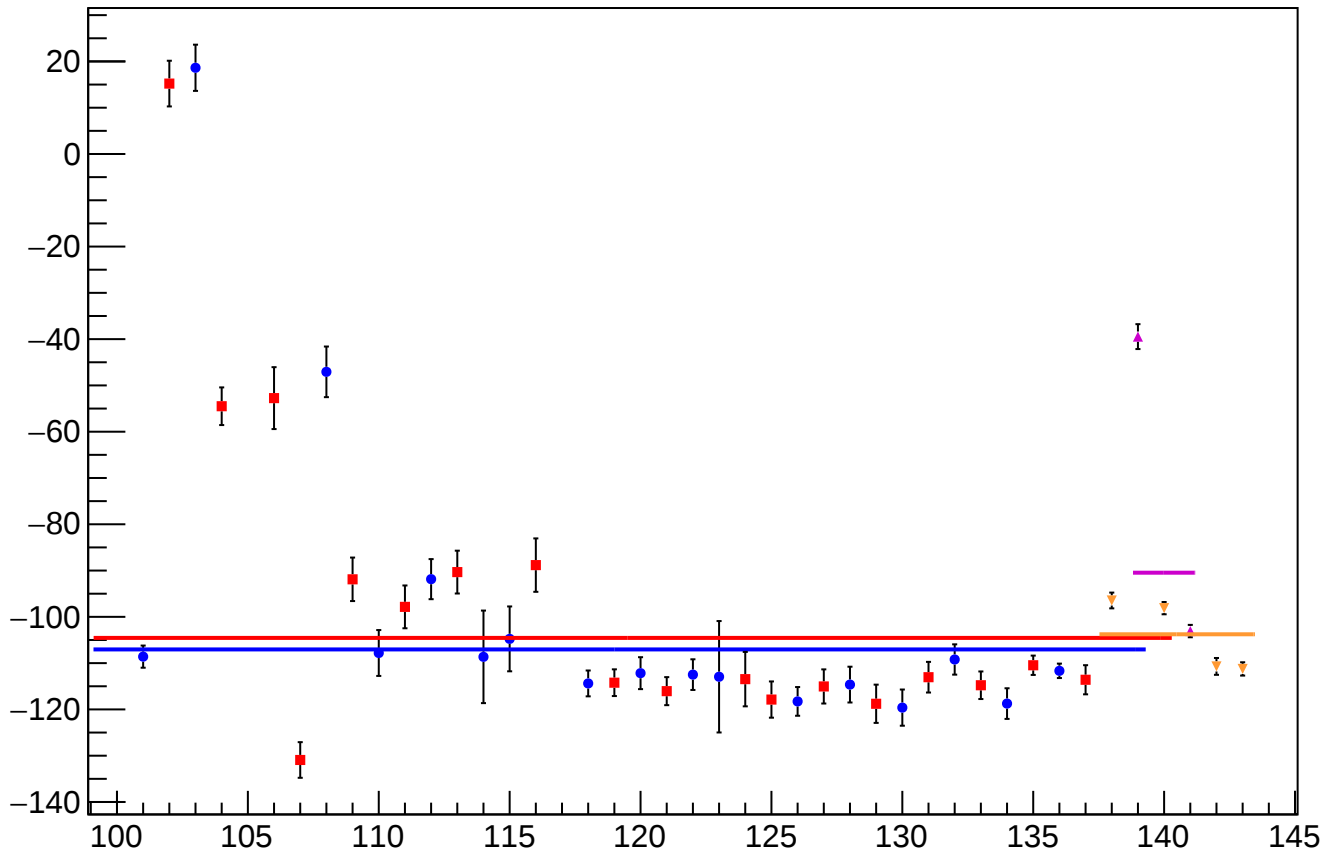
Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$

In: -83.578 ± 0.875 $\chi^2/\text{NDF}: 576.0/18$

Out: -84.302 ± 0.737 $\chi^2/\text{NDF}: 568.6/21$

All: -84.002 ± 0.564 $\chi^2/\text{NDF}: 1145.0/40$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -103.768 ± 0.767 $\chi^2/\text{NDF}: 78.2/3$

Right Out: -104.550 ± 0.861 $\chi^2/\text{NDF}: 967.4/17$

Left In: -90.462 ± 1.197 $\chi^2/\text{NDF}: 448.8/1$

Left: -99.895 ± 0.646 $\chi^2/\text{NDF}: 614.5/5$

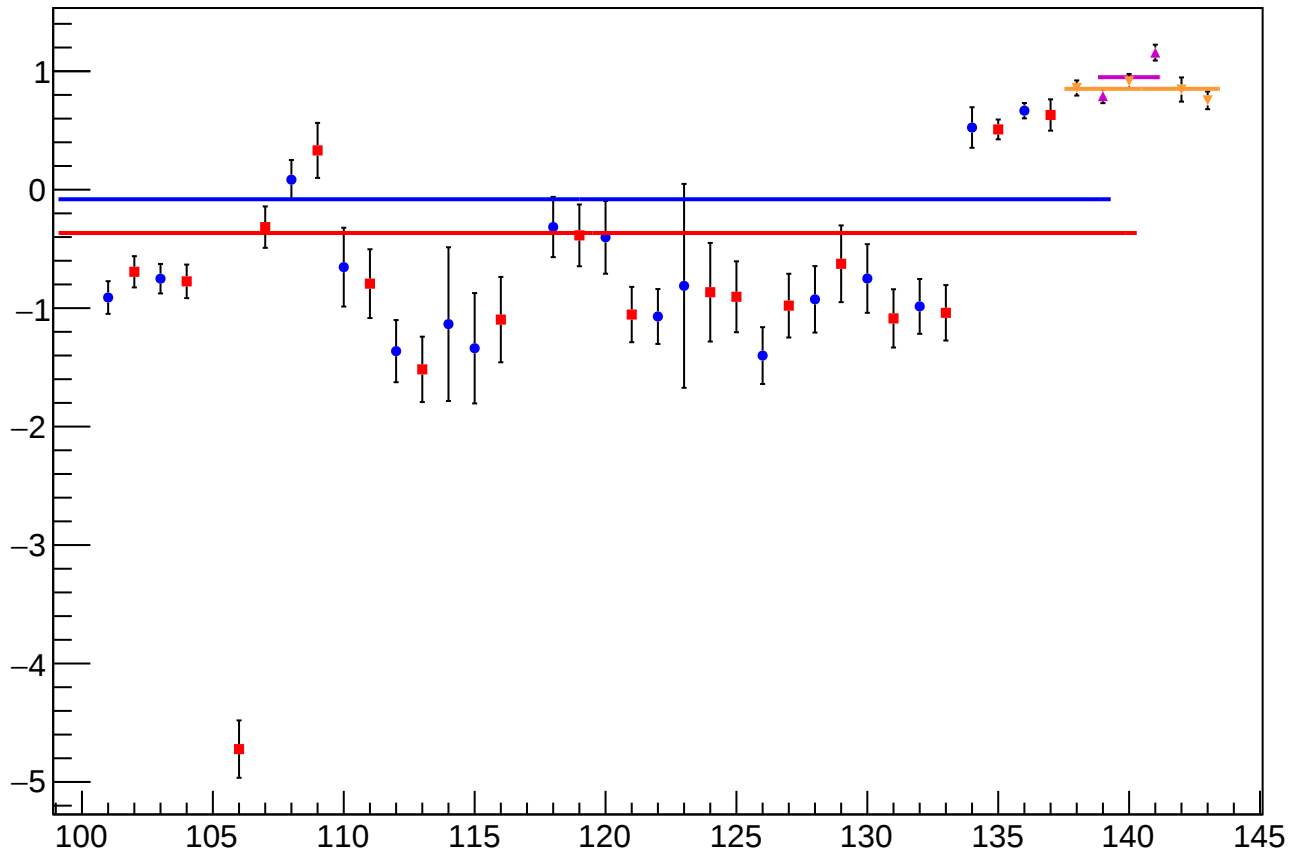
Right: -105.867 ± 0.591 $\chi^2/\text{NDF}: 1799.7/34$

In: -101.815 ± 0.672 $\chi^2/\text{NDF}: 1407.9/18$

Out: -104.114 ± 0.573 $\chi^2/\text{NDF}: 1046.1/21$

All: -103.147 ± 0.436 $\chi^2/\text{NDF}: 2460.8/40$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.852 ± 0.036 χ^2/NDF : 2.7/3

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.950 ± 0.044 χ^2/NDF : 17.0/1

Left: 0.891 ± 0.028 χ^2/NDF : 22.7/5

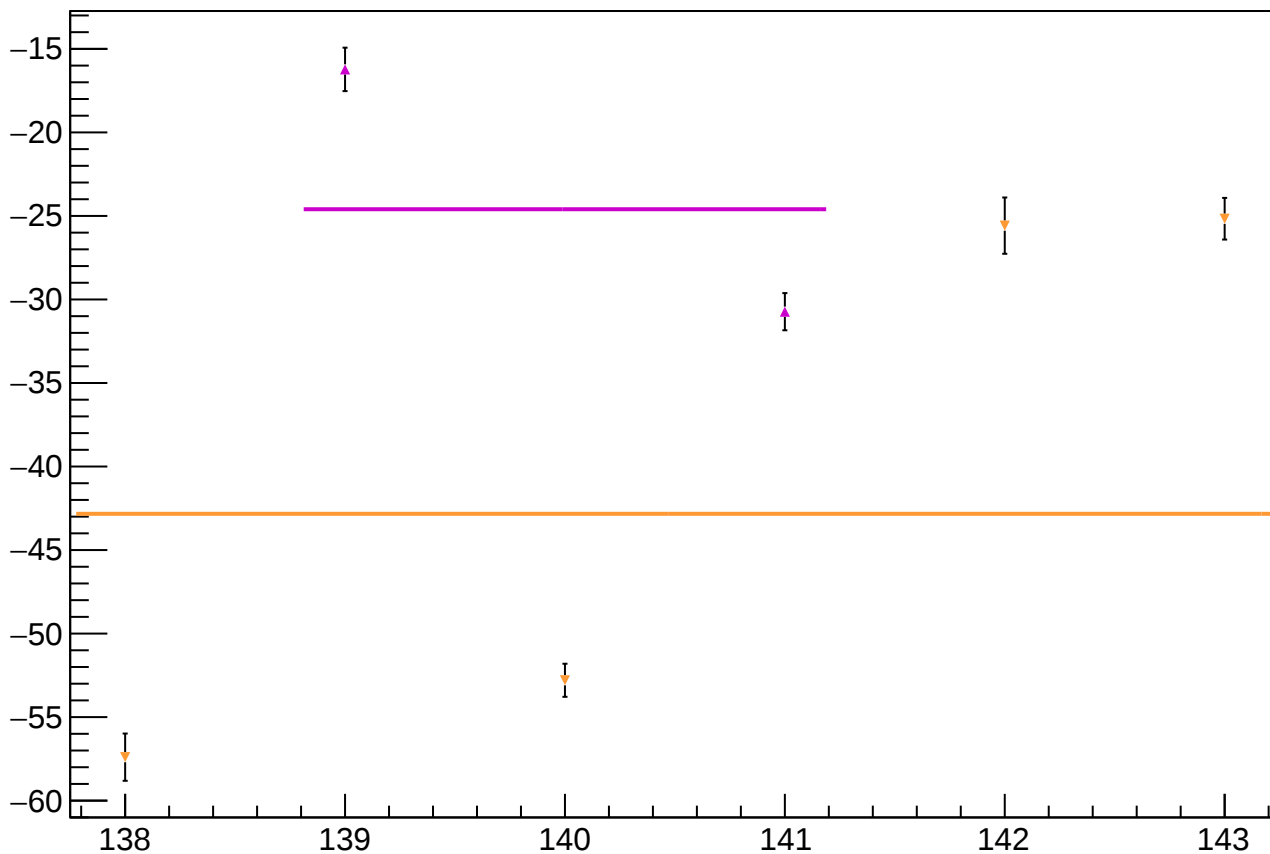
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.410 ± 0.031 χ^2/NDF : 630.1/18

Out: 0.366 ± 0.028 χ^2/NDF : 1035.4/21

All: 0.386 ± 0.021 χ^2/NDF : 1666.6/40

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

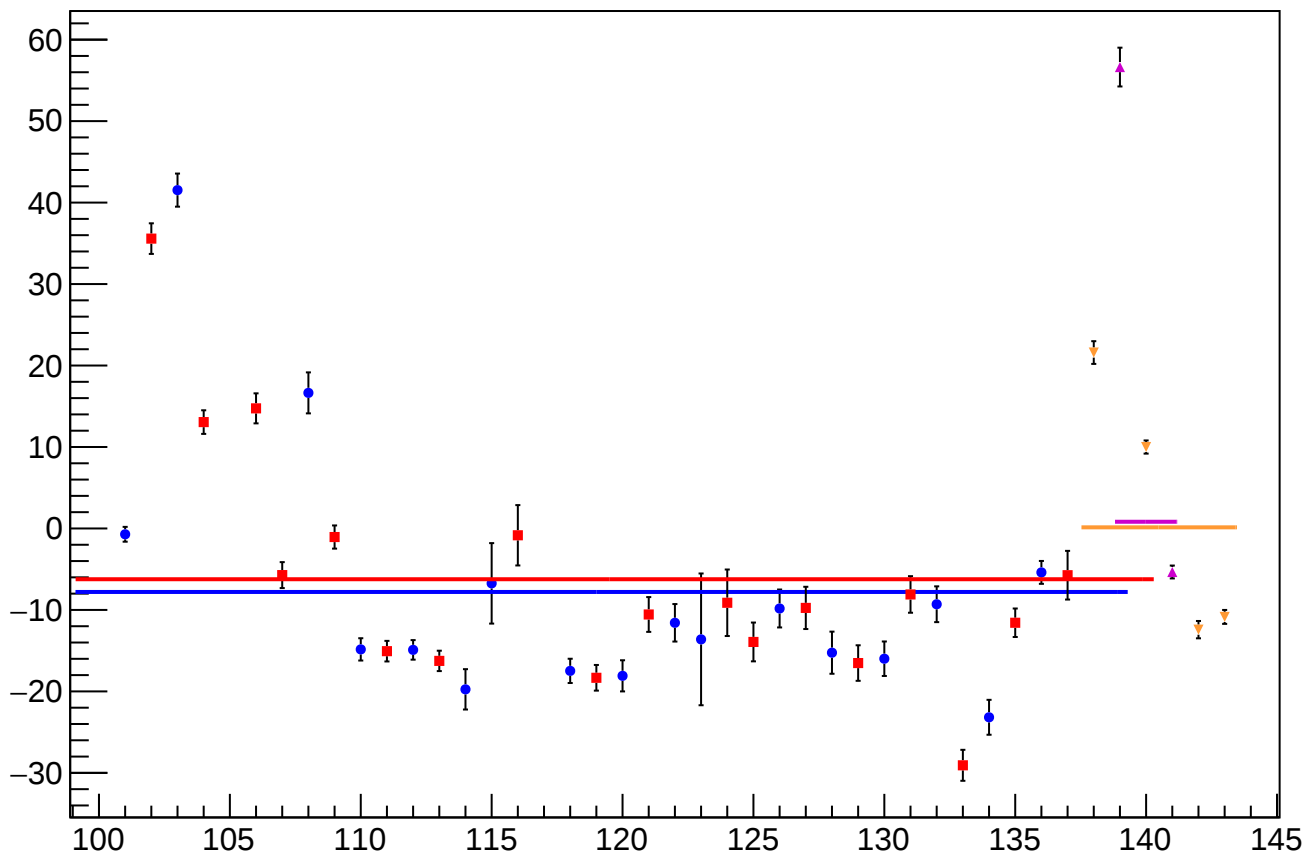
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: 0.824 ± 0.751 χ^2/NDF : 610.4/1

Left: 0.338 ± 0.406 χ^2/NDF : 1301.3/5

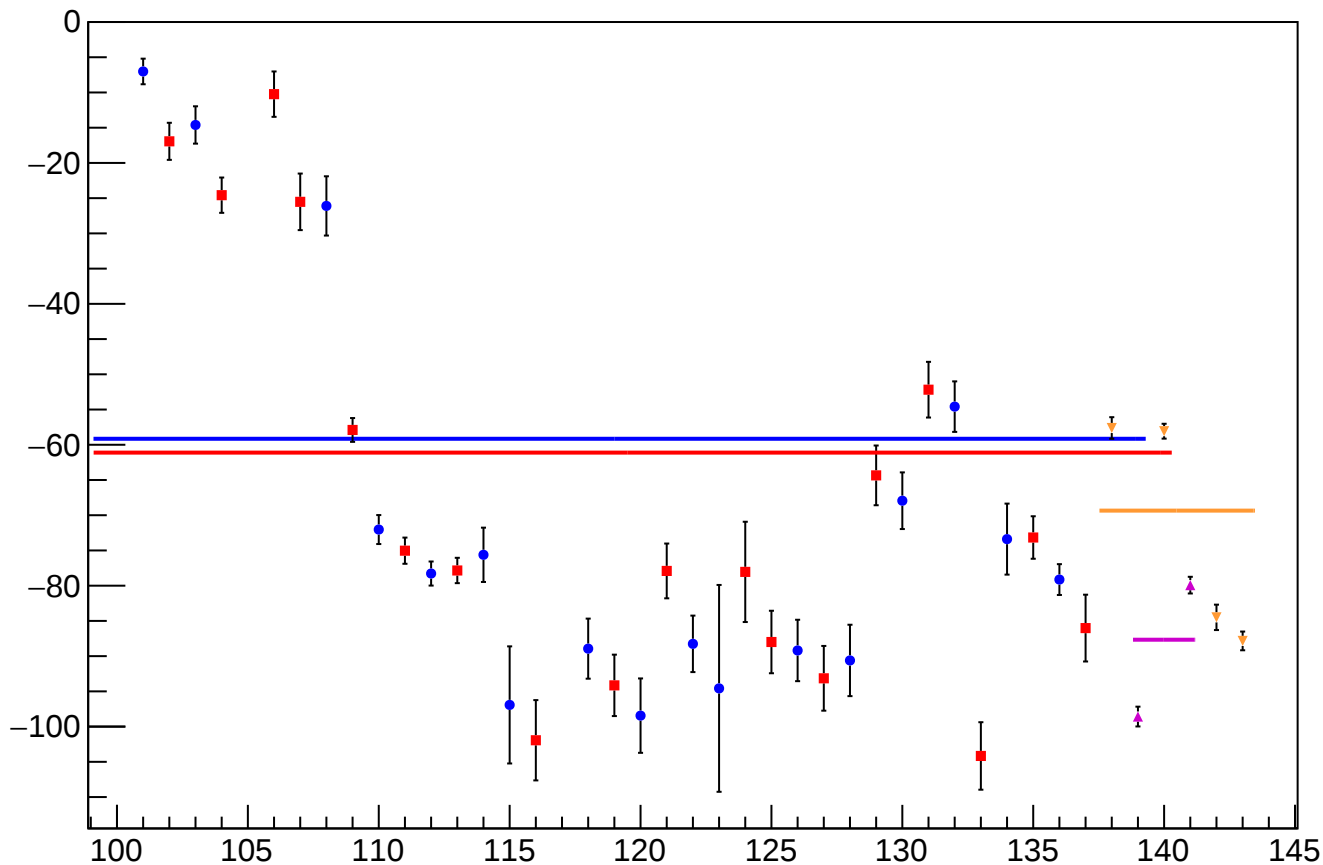
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -5.681 ± 0.372 χ^2/NDF : 1692.5/18

Out: -3.413 ± 0.321 χ^2/NDF : 1970.5/21

All: -4.381 ± 0.243 χ^2/NDF : 3684.3/40

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -69.346 ± 0.675 $\chi^2/\text{NDF}: 436.7/3$

Right Out: -61.113 ± 0.708 $\chi^2/\text{NDF}: 1317.8/17$

Left In: -87.669 ± 0.905 $\chi^2/\text{NDF}: 103.2/1$

Left: -75.891 ± 0.541 $\chi^2/\text{NDF}: 803.4/5$

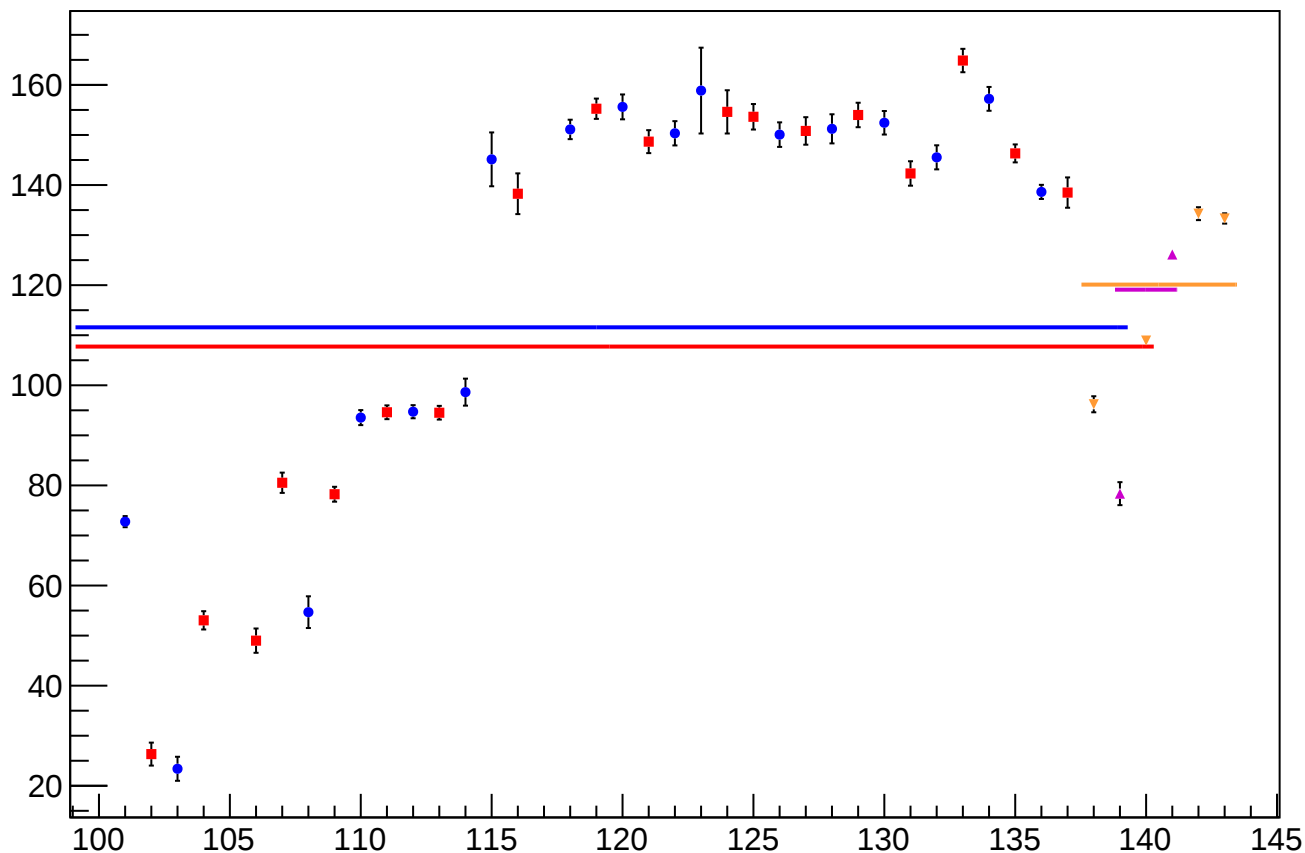
Right: -60.182 ± 0.513 $\chi^2/\text{NDF}: 3039.8/34$

In: -70.675 ± 0.575 $\chi^2/\text{NDF}: 2413.3/18$

Out: -65.427 ± 0.488 $\chi^2/\text{NDF}: 1825.4/21$

All: -67.625 ± 0.372 $\chi^2/\text{NDF}: 4287.1/40$

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: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

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

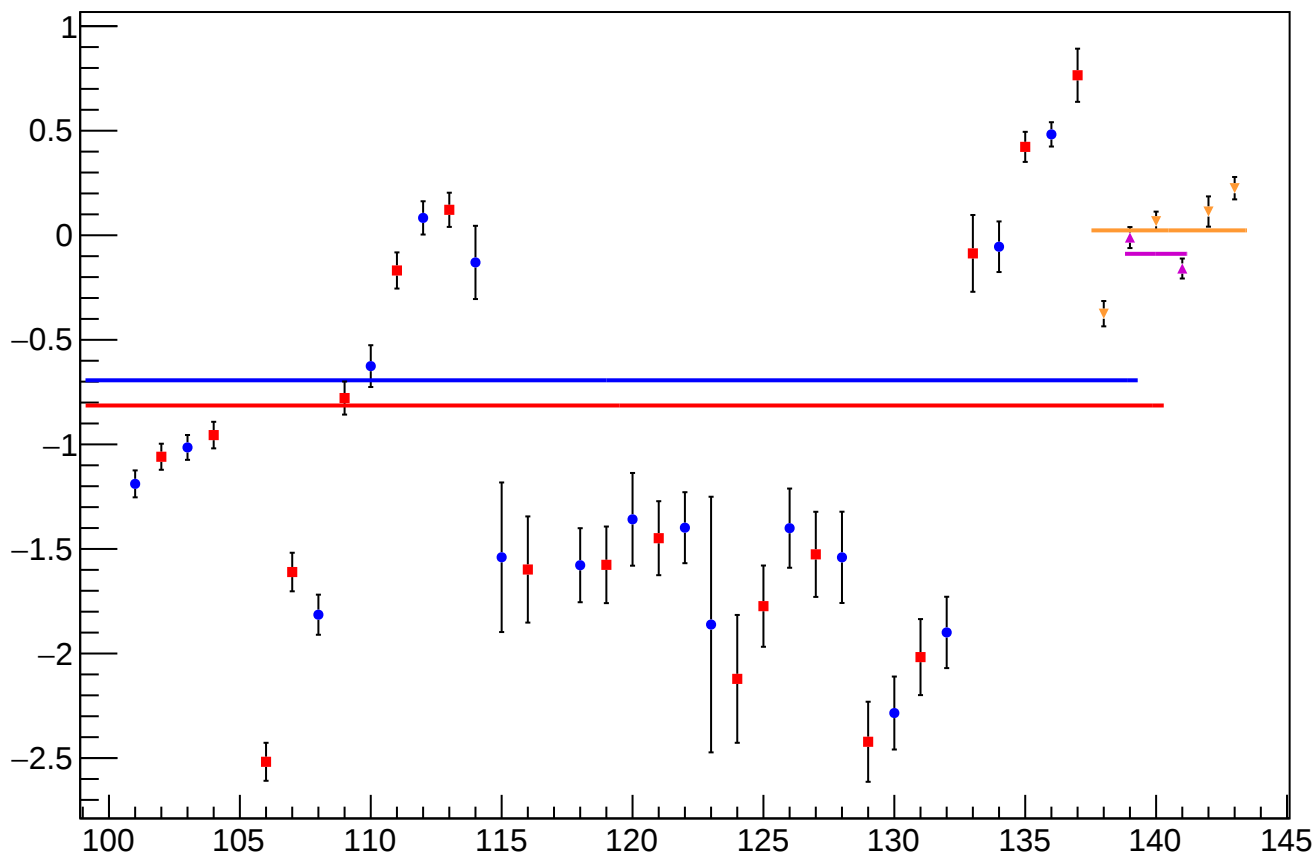
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 113.345 $\pm$ 0.426 χ^2 /NDF:6371.4/18

Out: 112.888 $\pm$ 0.373 χ^2 /NDF:7743.1/21

All: 113.086 $\pm$ 0.281 χ^2 /NDF: 14115.2/40

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: 0.023 ± 0.028 χ^2/NDF : 59.9/3

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.089 ± 0.035 χ^2/NDF : 4.6/1

Left: -0.021 ± 0.022 χ^2/NDF : 70.9/5

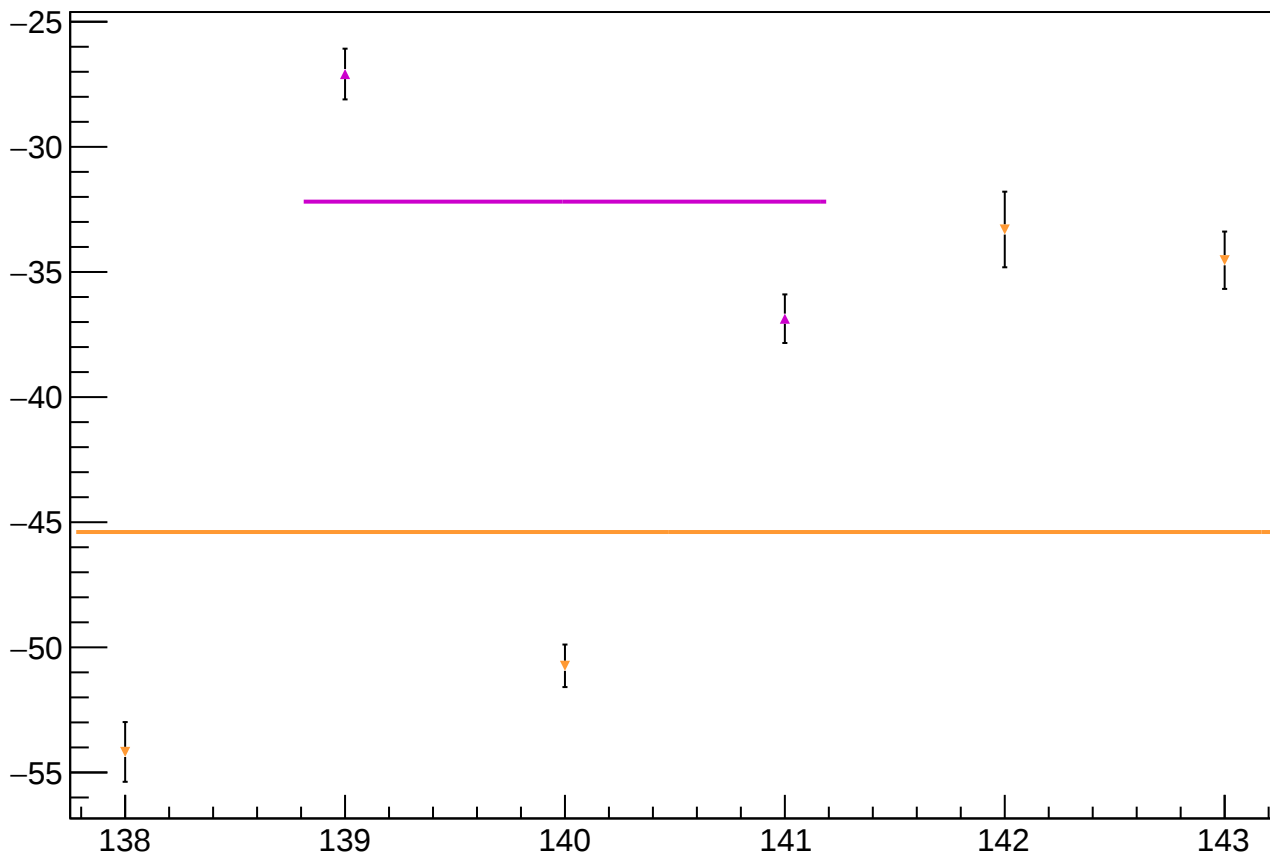
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.477 ± 0.021 χ^2/NDF : 1191.6/18

Out: -0.449 ± 0.018 χ^2/NDF : 1878.6/21

All: -0.461 ± 0.014 χ^2/NDF : 3071.3/40

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

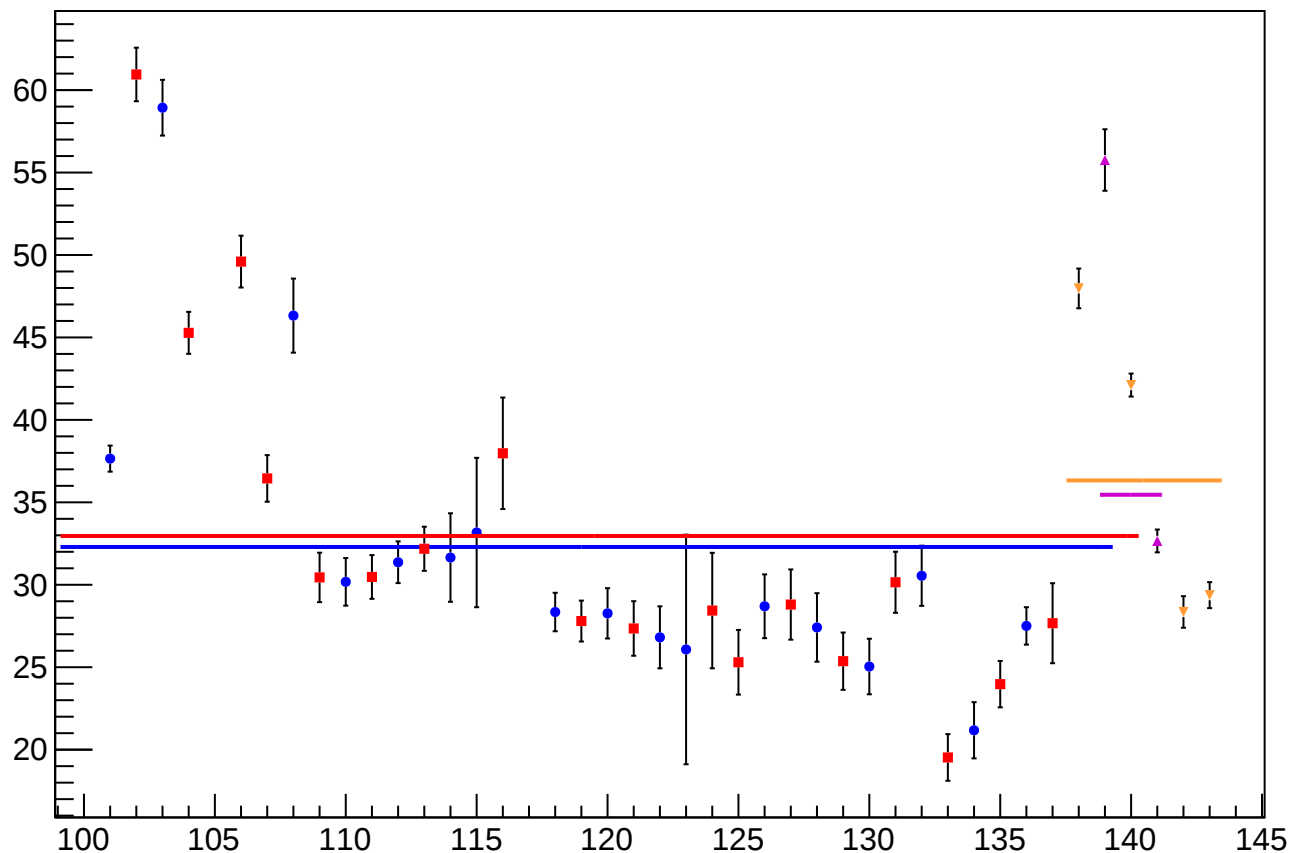
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 36.328 ± 0.428 $\chi^2/\text{NDF}: 309.7/3$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 35.459 ± 0.649 $\chi^2/\text{NDF}: 134.8/1$

Left: 36.065 ± 0.358 $\chi^2/\text{NDF}: 445.8/5$

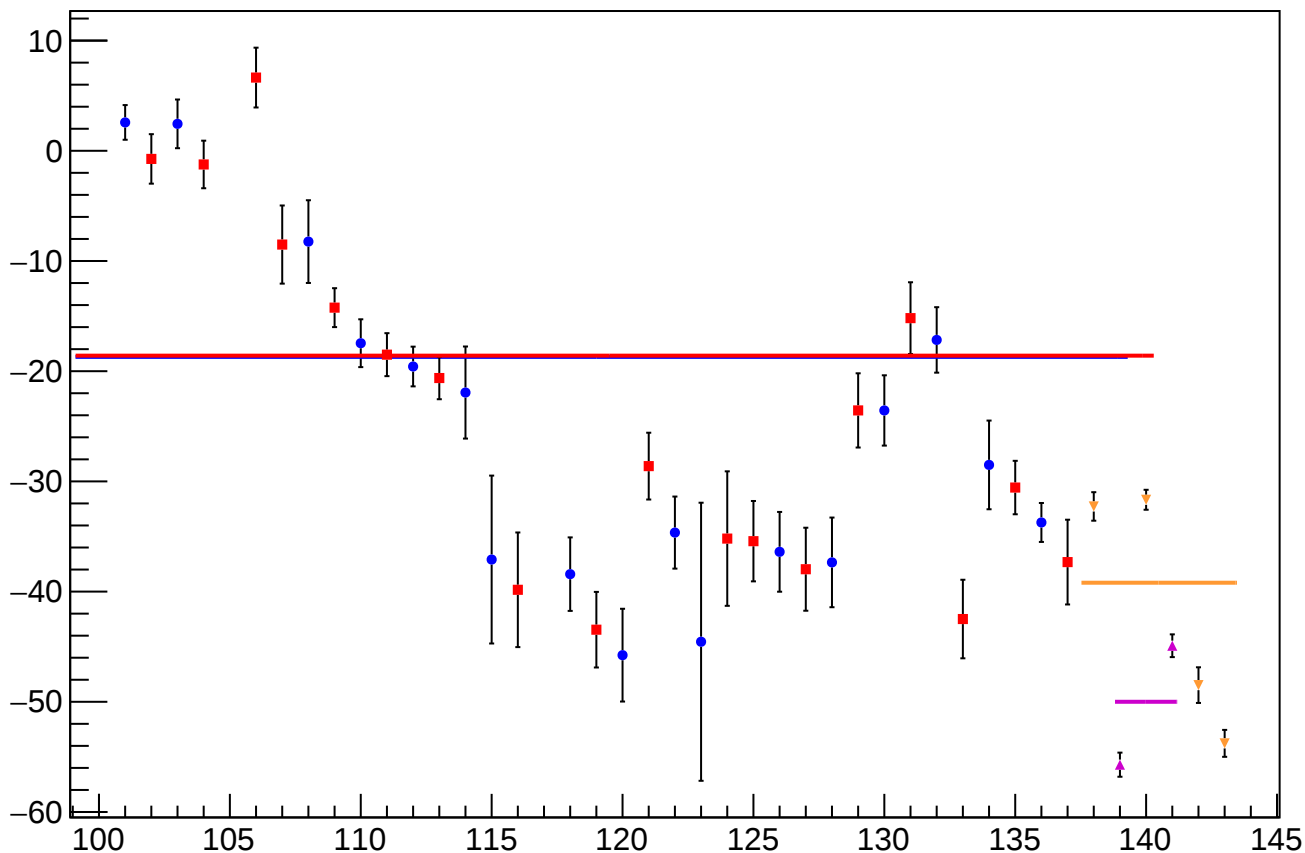
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 33.079 ± 0.324 $\chi^2/\text{NDF}: 605.2/18$

Out: 34.442 ± 0.284 $\chi^2/\text{NDF}: 1068.3/21$

All: 33.848 ± 0.214 $\chi^2/\text{NDF}: 1683.6/40$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -39.194 ± 0.590 χ^2/NDF : 273.0/3

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -49.999 ± 0.751 χ^2/NDF : 51.5/1

Left: -43.322 ± 0.464 χ^2/NDF : 452.5/5

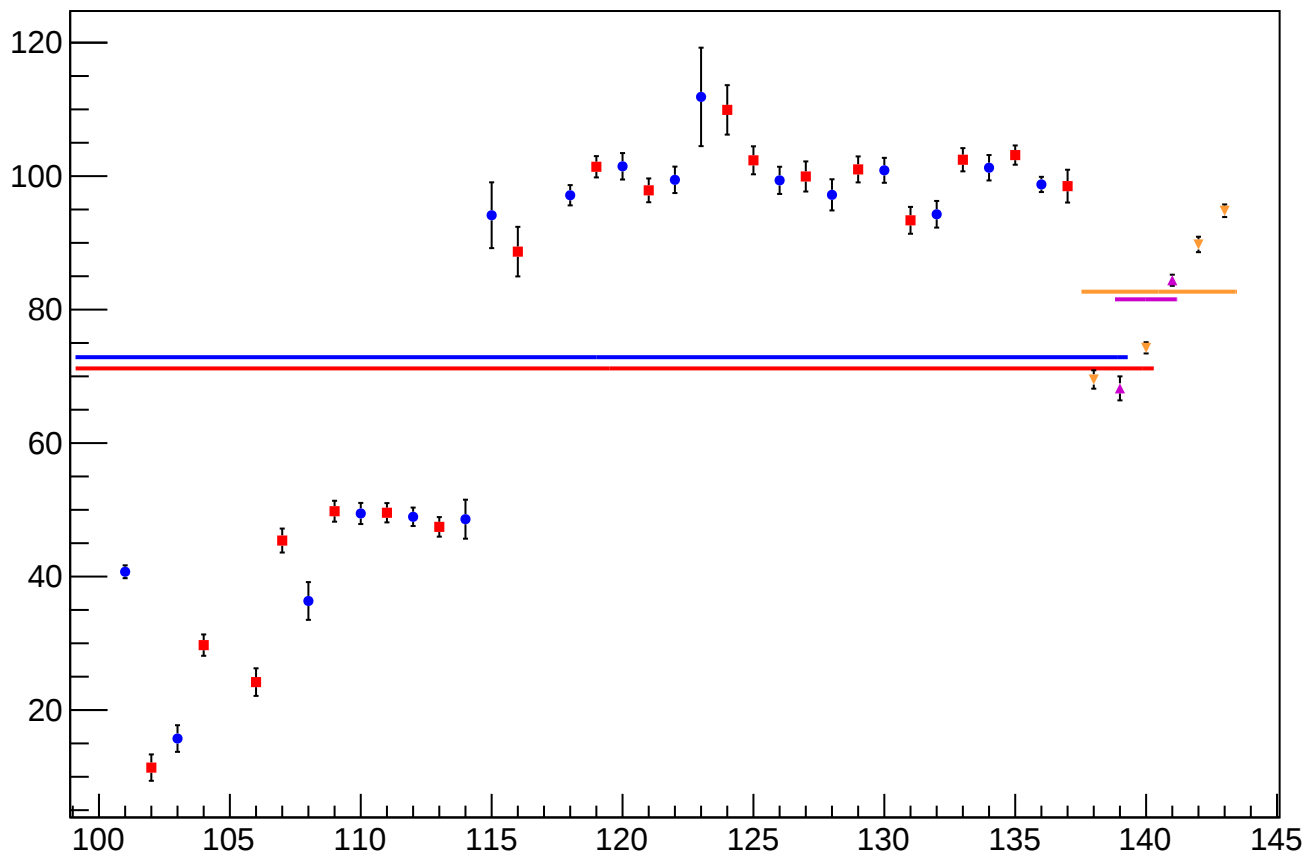
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -32.492 ± 0.498 χ^2/NDF : 1542.3/18

Out: -29.842 ± 0.436 χ^2/NDF : 1287.2/21

All: -30.991 ± 0.328 χ^2/NDF : 2845.6/40

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 82.686 $\pm$ 0.513 χ^2 /NDF:393.3/3

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

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

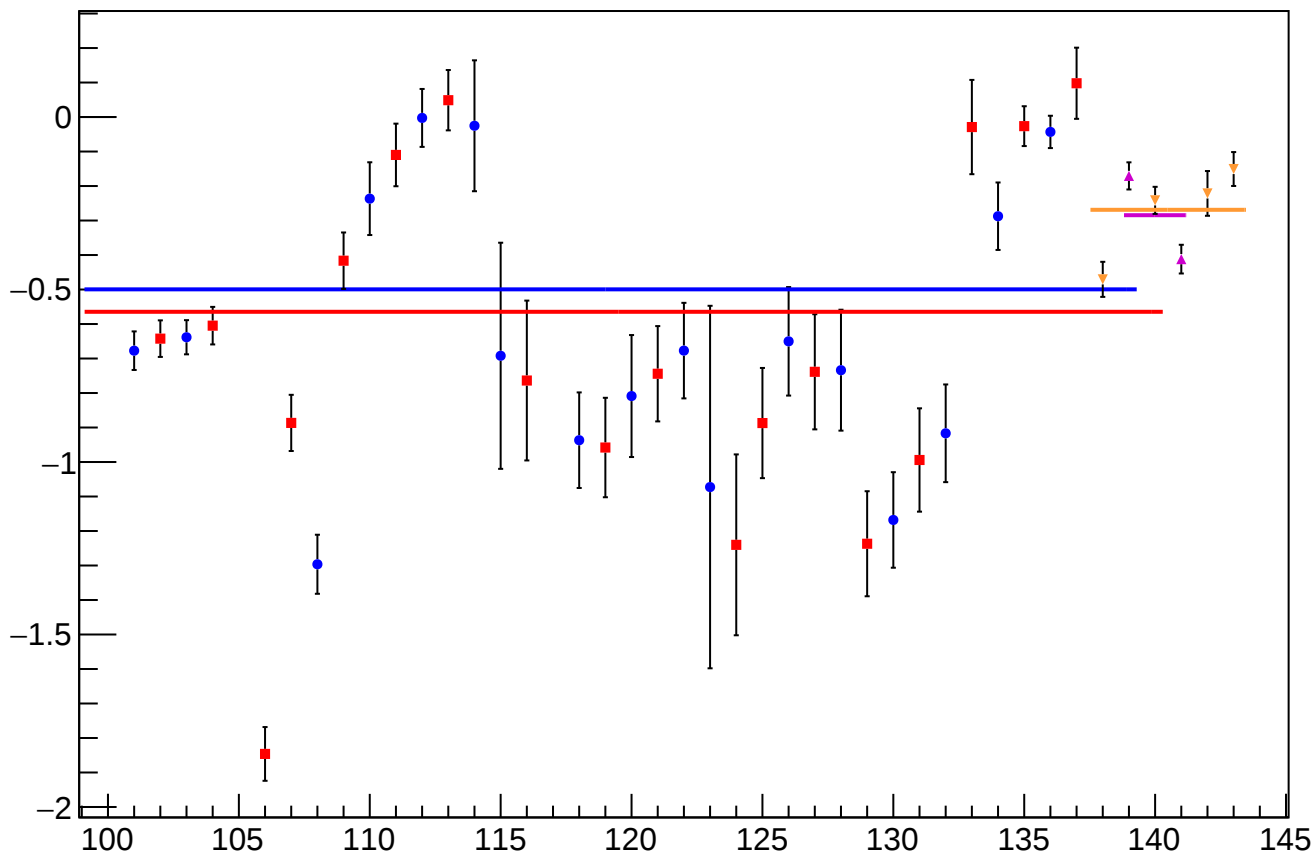
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 74.965 $\pm$ 0.371 χ^2 /NDF:4893.7/18

Out: 75.992 $\pm$ 0.331 χ^2 /NDF:6061.4/21

All: 75.537 $\pm$ 0.247 χ^2 /NDF: 10959.3/40

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.269 ± 0.024 χ^2/NDF : 22.5/3

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.285 ± 0.029 χ^2/NDF : 17.8/1

Left: -0.275 ± 0.019 χ^2/NDF : 40.5/5

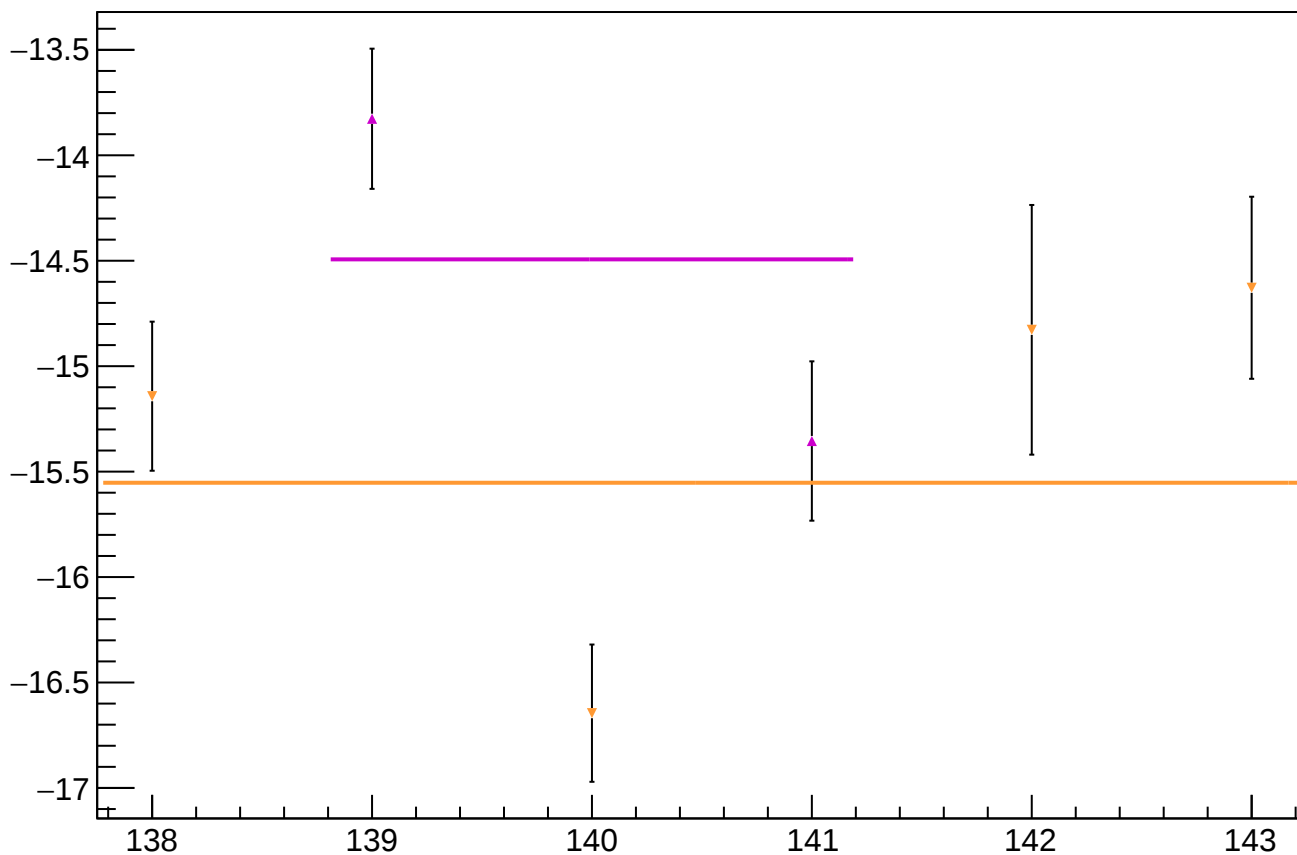
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.418 ± 0.018 χ^2/NDF : 355.5/18

Out: -0.435 ± 0.016 χ^2/NDF : 664.7/21

All: -0.427 ± 0.012 χ^2/NDF : 1020.7/40

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -15.553+/-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

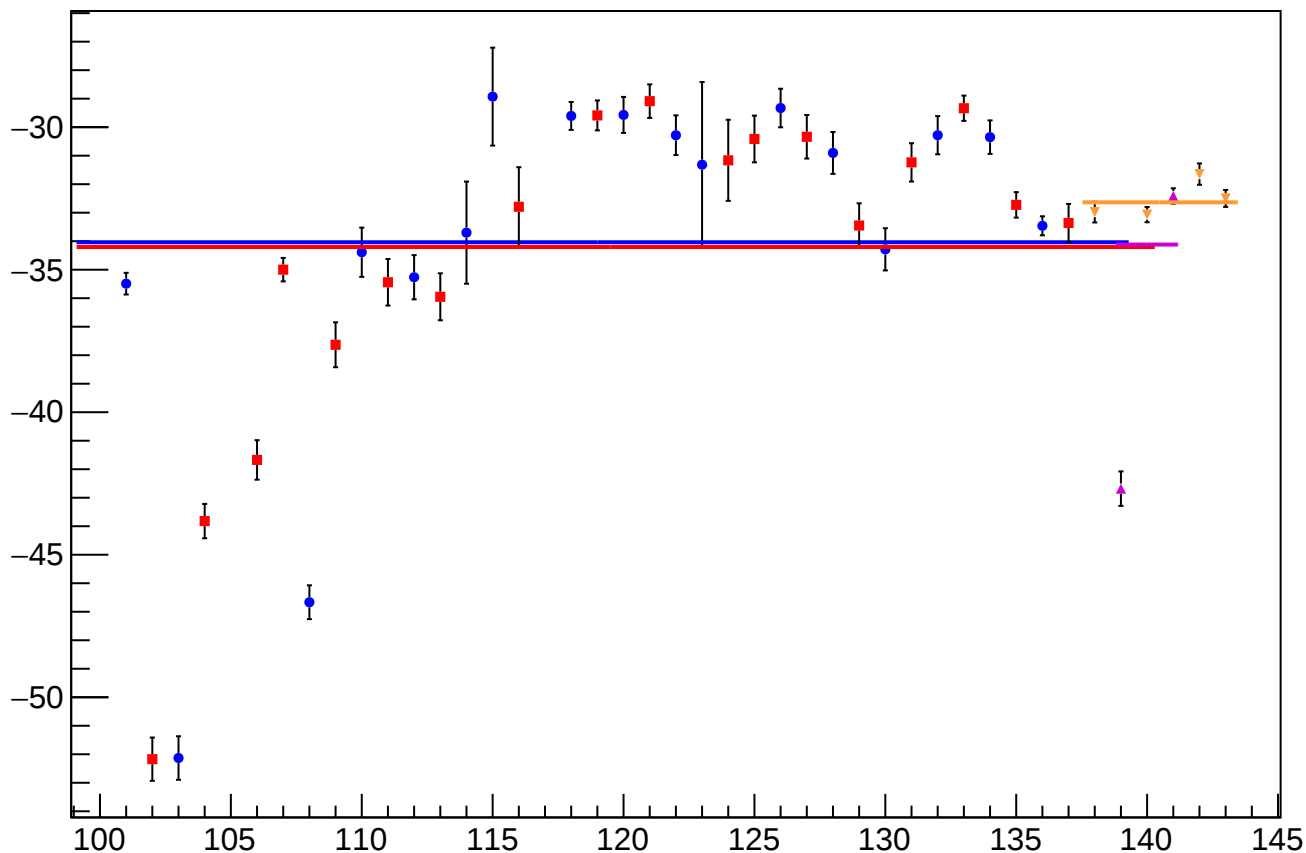
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -34.118 ± 0.247 χ^2/NDF : 239.9/1

Left: -33.069 ± 0.133 χ^2/NDF : 276.1/5

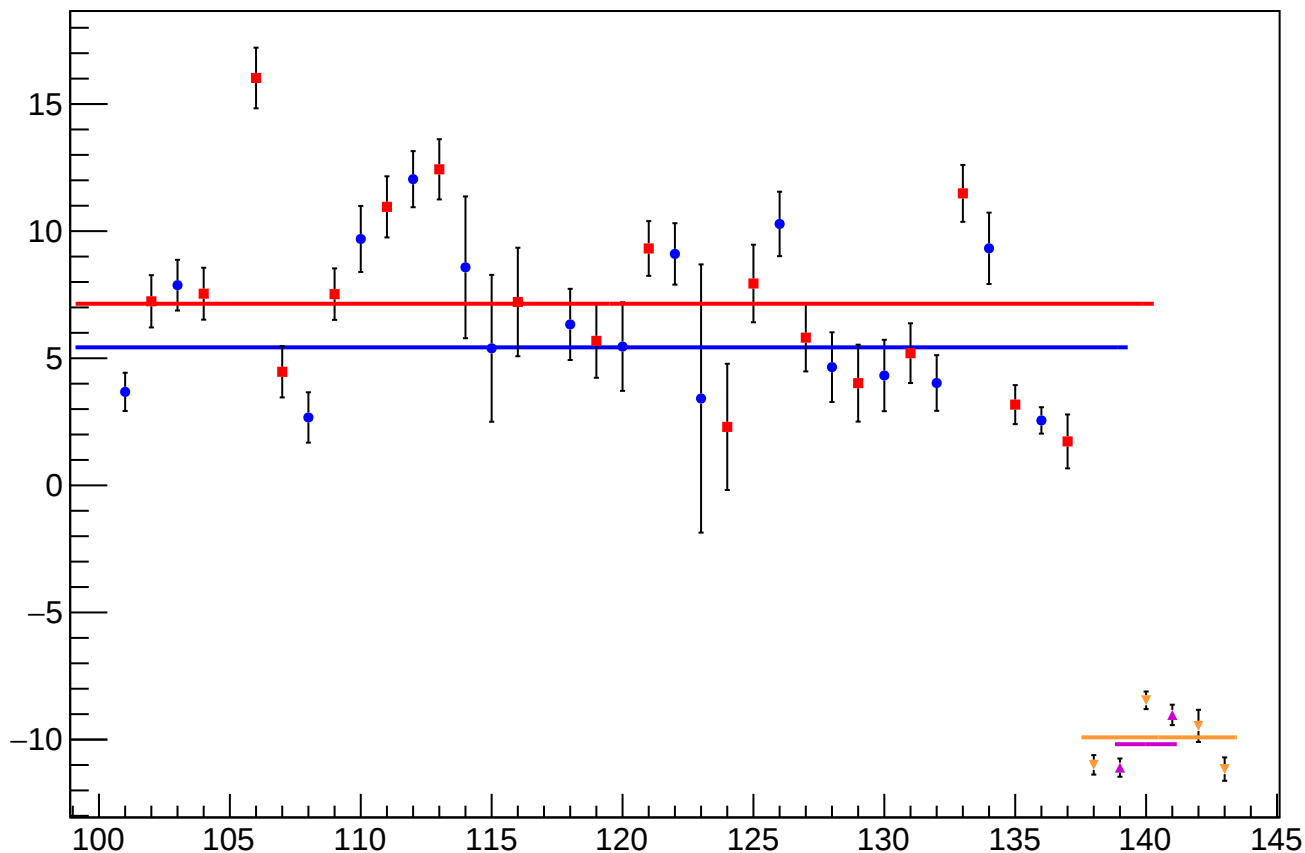
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -34.060 ± 0.129 χ^2/NDF : 1582.9/18

Out: -33.458 ± 0.109 χ^2/NDF : 1382.9/21

All: -33.710 ± 0.083 χ^2/NDF : 2978.4/40

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429+/-0.270 χ^2/NDF : 132.6/16

Left Out: -9.913+/-0.212 χ^2/NDF : 33.5/3

Right Out: 7.144+/-0.275 χ^2/NDF : 177.9/17

Left In: -10.182+/-0.268 χ^2/NDF : 14.8/1

Left: -10.016+/-0.166 χ^2/NDF : 48.9/5

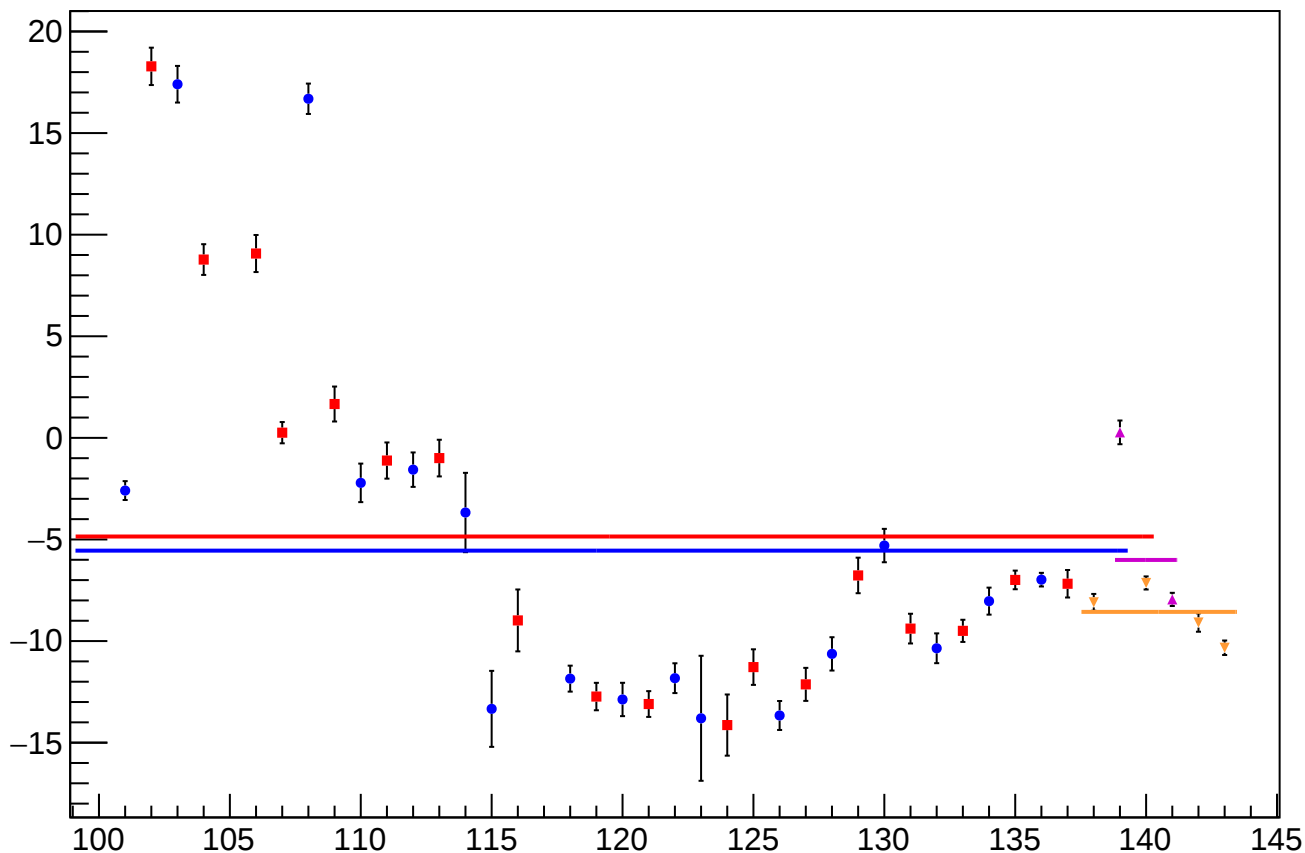
Right: 6.271+/-0.193 χ^2/NDF : 330.3/34

In: -2.436+/-0.190 χ^2/NDF : 1833.1/18

Out: -3.567+/-0.168 χ^2/NDF : 2628.5/21

All: -3.072+/-0.126 χ^2/NDF : 4481.5/40

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.564 ± 0.188 χ^2/NDF : 46.6/3

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.008 ± 0.284 χ^2/NDF : 151.7/1

Left: -7.781 ± 0.157 χ^2/NDF : 254.6/5

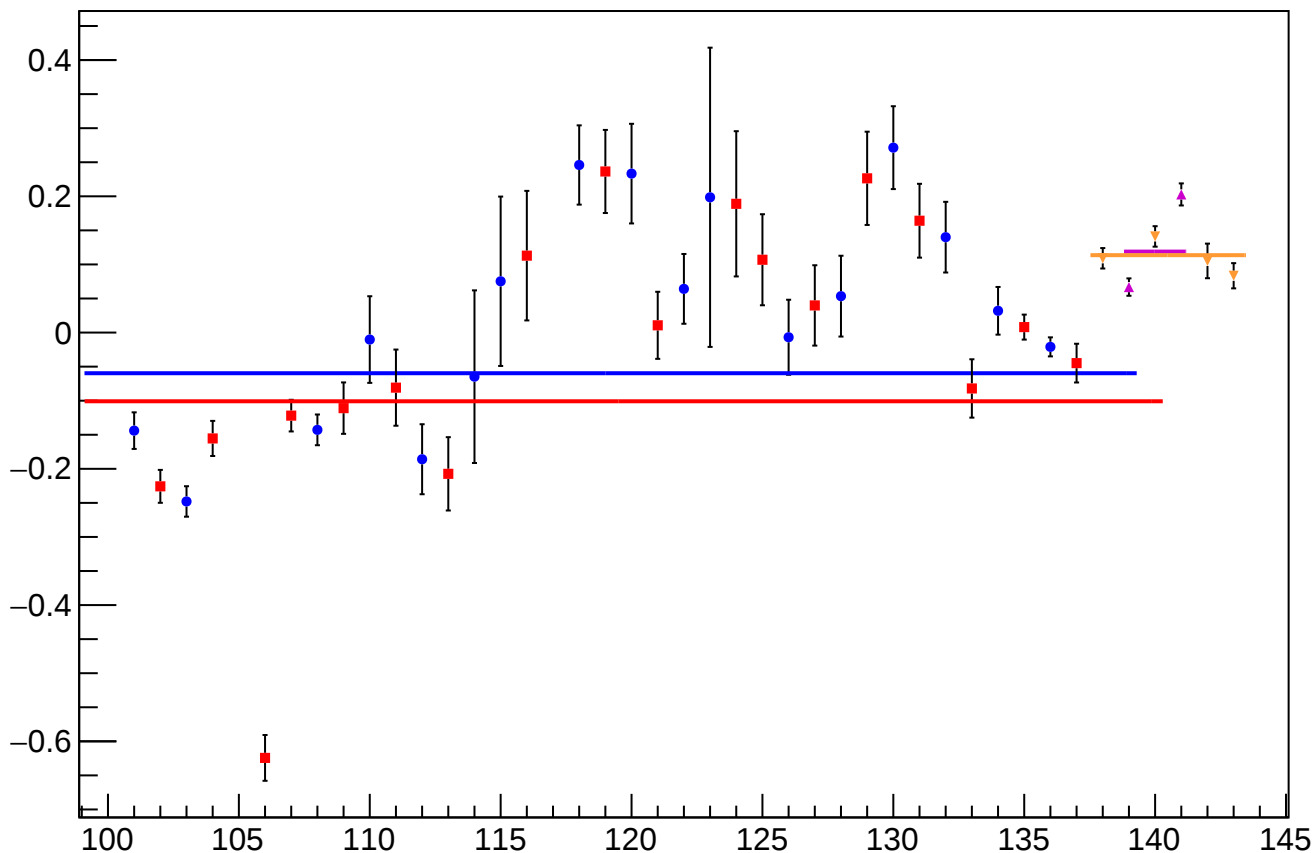
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -5.671 ± 0.146 χ^2/NDF : 2280.2/18

Out: -6.550 ± 0.127 χ^2/NDF : 2270.2/21

All: -6.170 ± 0.096 χ^2/NDF : 4571.0/40

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.114 ± 0.009 χ^2/NDF : 6.2/3

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.119 ± 0.010 χ^2/NDF : 43.5/1

Left: 0.116 ± 0.007 χ^2/NDF : 49.9/5

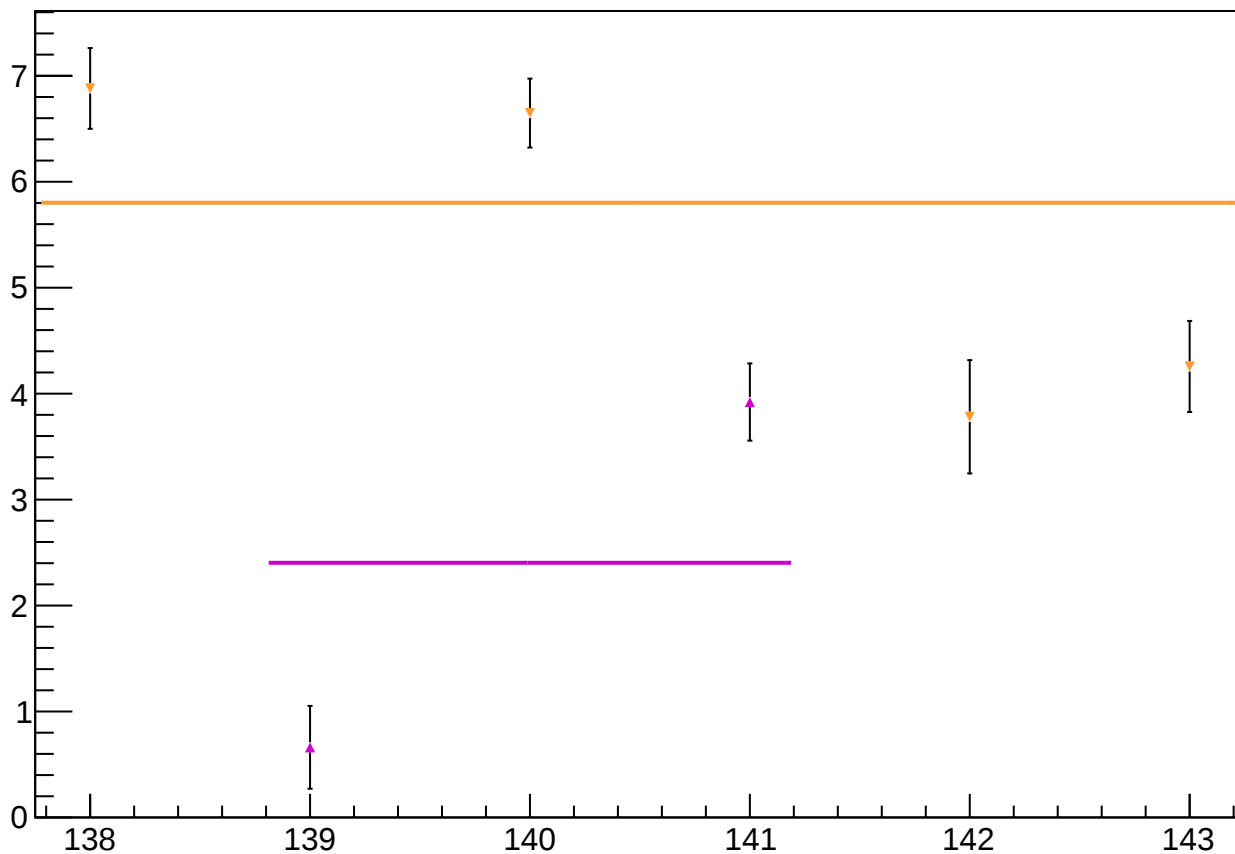
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.014 ± 0.006 χ^2/NDF : 446.6/18

Out: 0.004 ± 0.006 χ^2/NDF : 749.1/21

All: 0.008 ± 0.004 χ^2/NDF : 1197.1/40

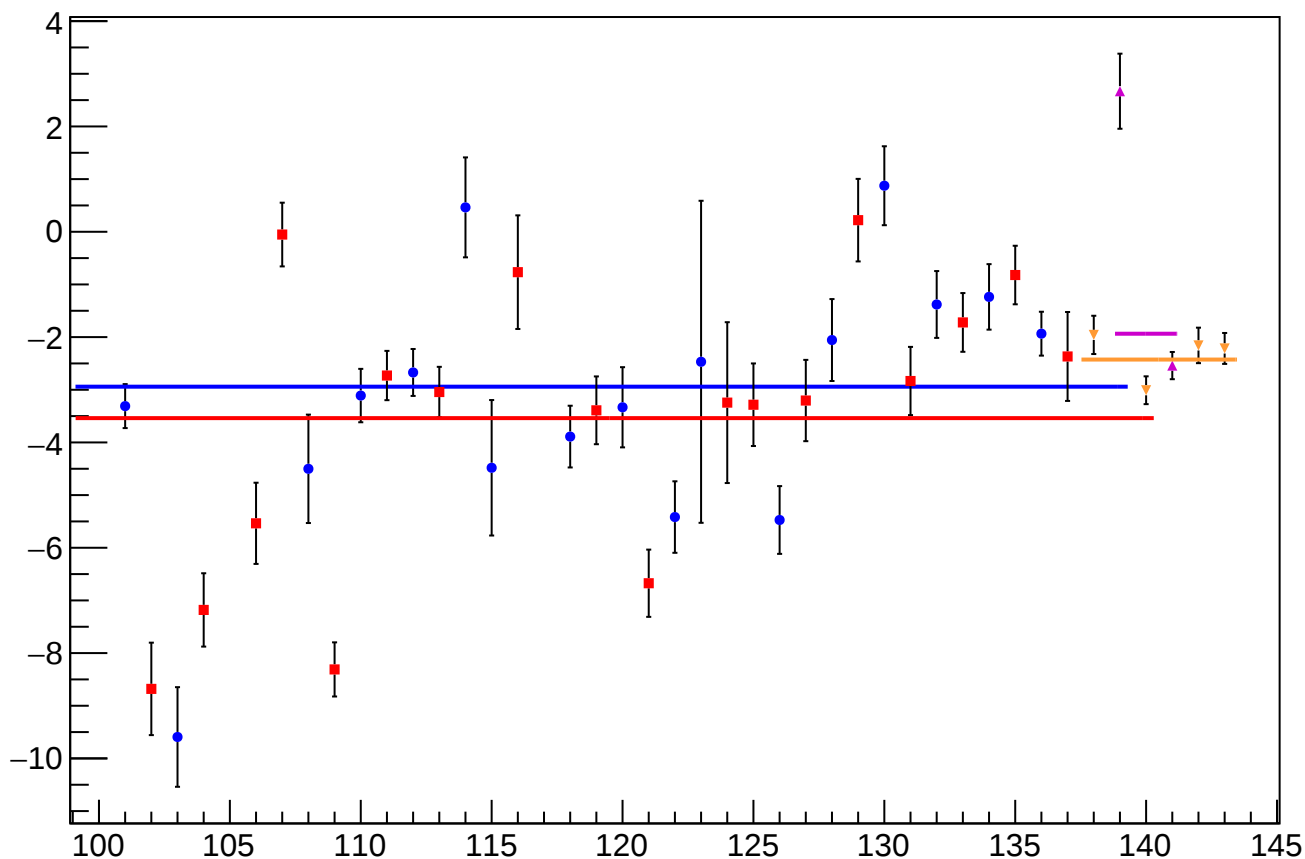
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 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: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.936 ± 0.243 χ^2/NDF : 47.2/1

Left: -2.286 ± 0.130 χ^2/NDF : 57.8/5

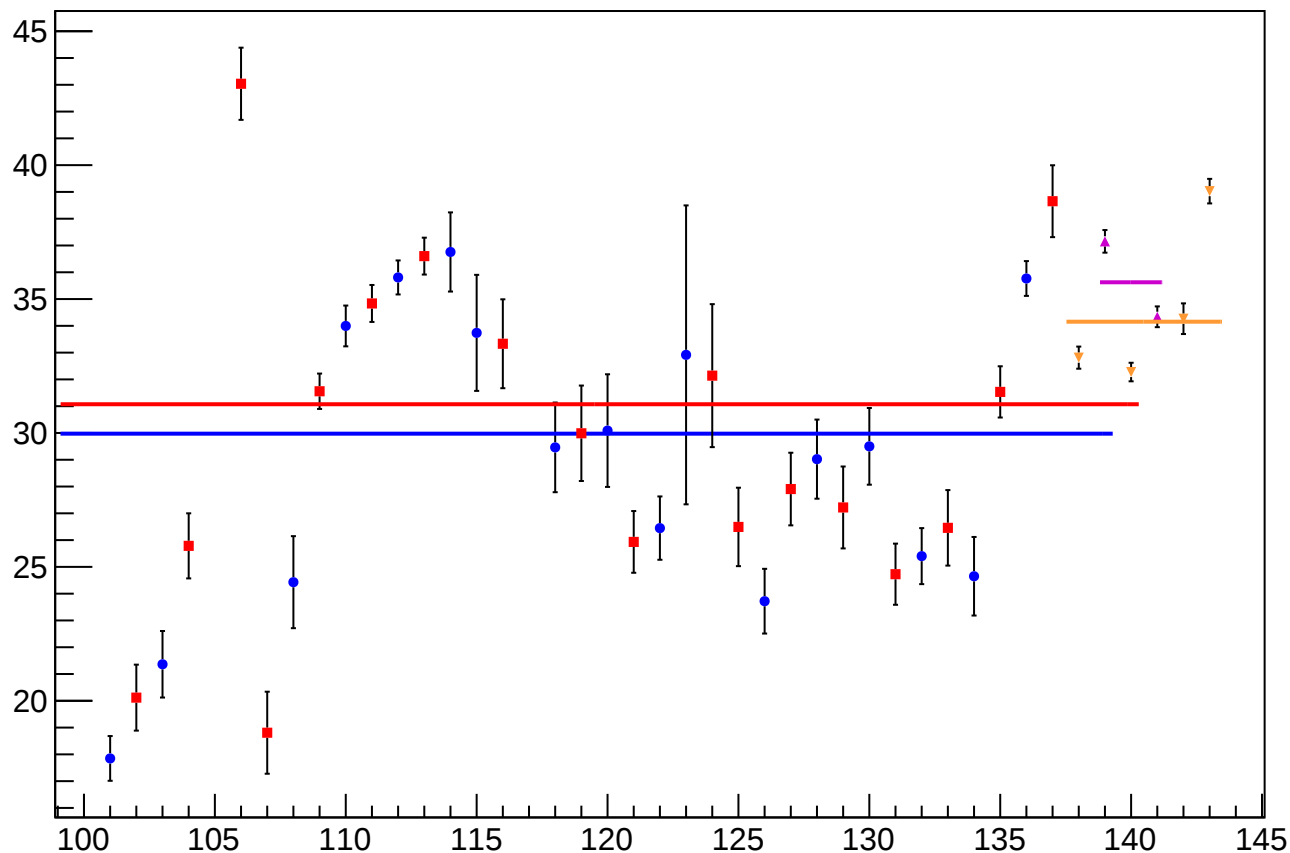
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -2.652 ± 0.130 χ^2/NDF : 205.0/18

Out: -2.979 ± 0.109 χ^2/NDF : 317.2/21

All: -2.845 ± 0.084 χ^2/NDF : 526.0/40

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: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

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

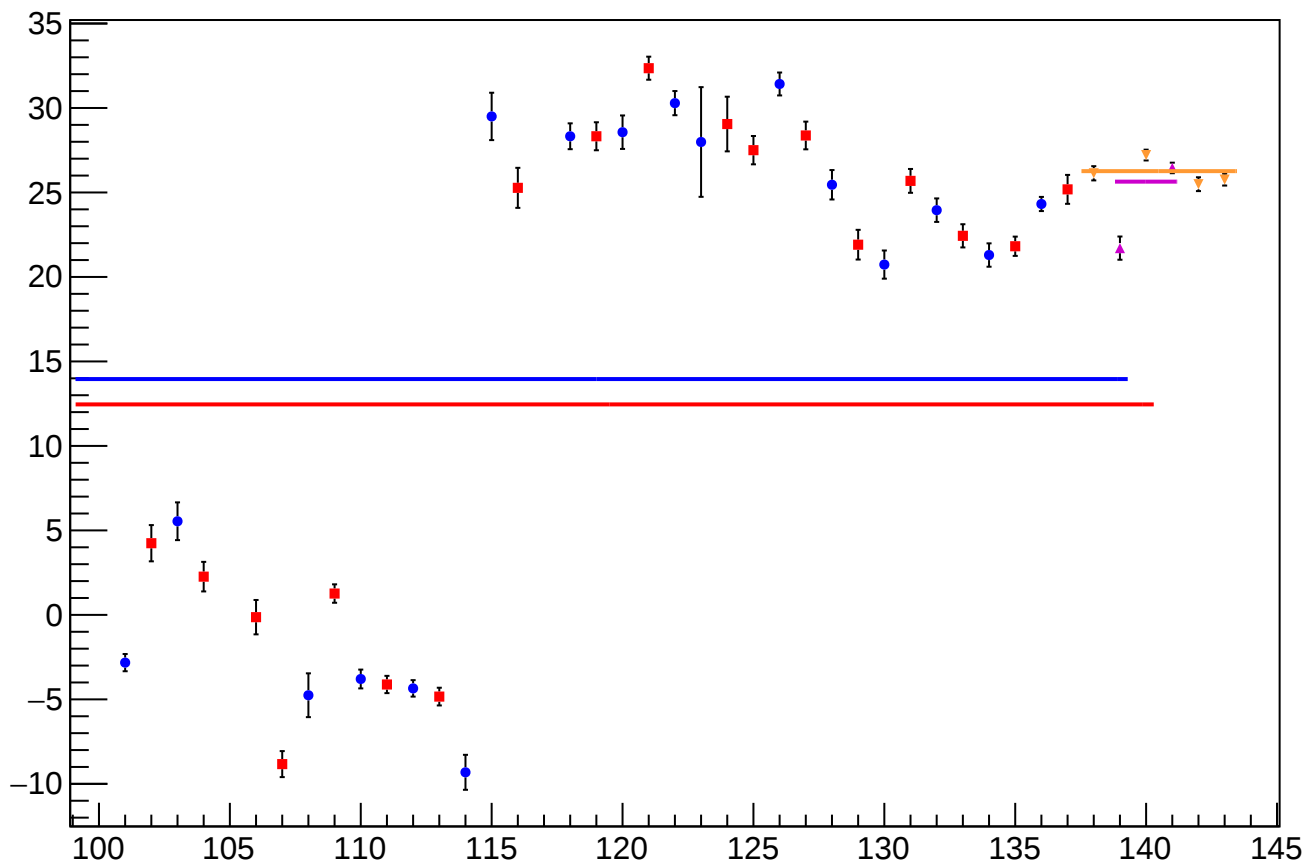
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 32.613 $\pm$ 0.195 χ^2 /NDF:787.0/18

Out: 32.918 $\pm$ 0.165 χ^2 /NDF:690.4/21

All: 32.791 $\pm$ 0.126 χ^2 /NDF: 1478.8/40

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 26.262 $\pm$ 0.184 χ^2 /NDF: 14.5/3

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

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

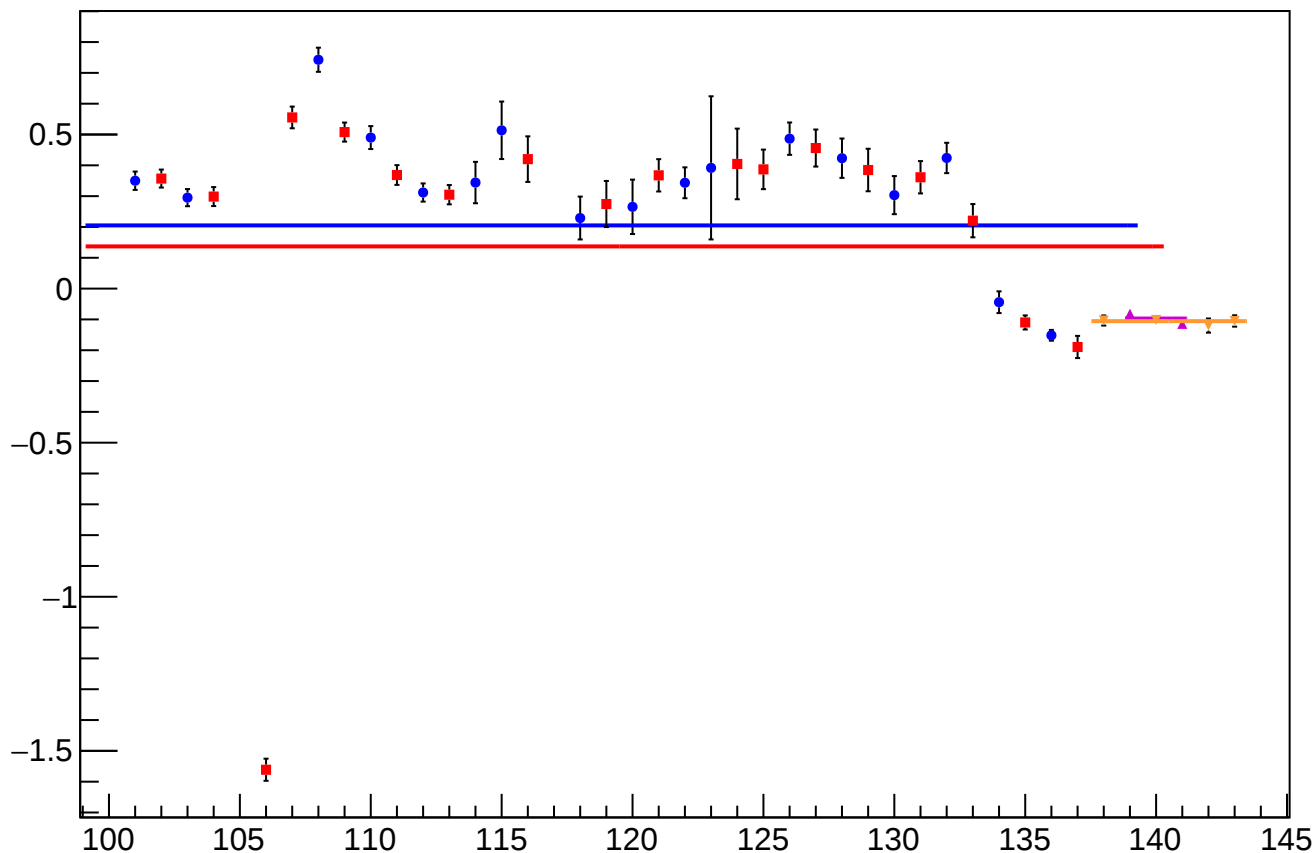
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 17.101 $\pm$ 0.147 χ^2 /NDF: 8625.7/18

Out: 18.947 $\pm$ 0.126 χ^2 /NDF: 9962.7/21

All: 18.164 $\pm$ 0.096 χ^2 /NDF: 18678.8/40

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.106 $\pm$ 0.009 χ^2 /NDF: 0.5/3

Right Out: 0.137 $\pm$ 0.009 χ^2 /NDF: 3007.9/17

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

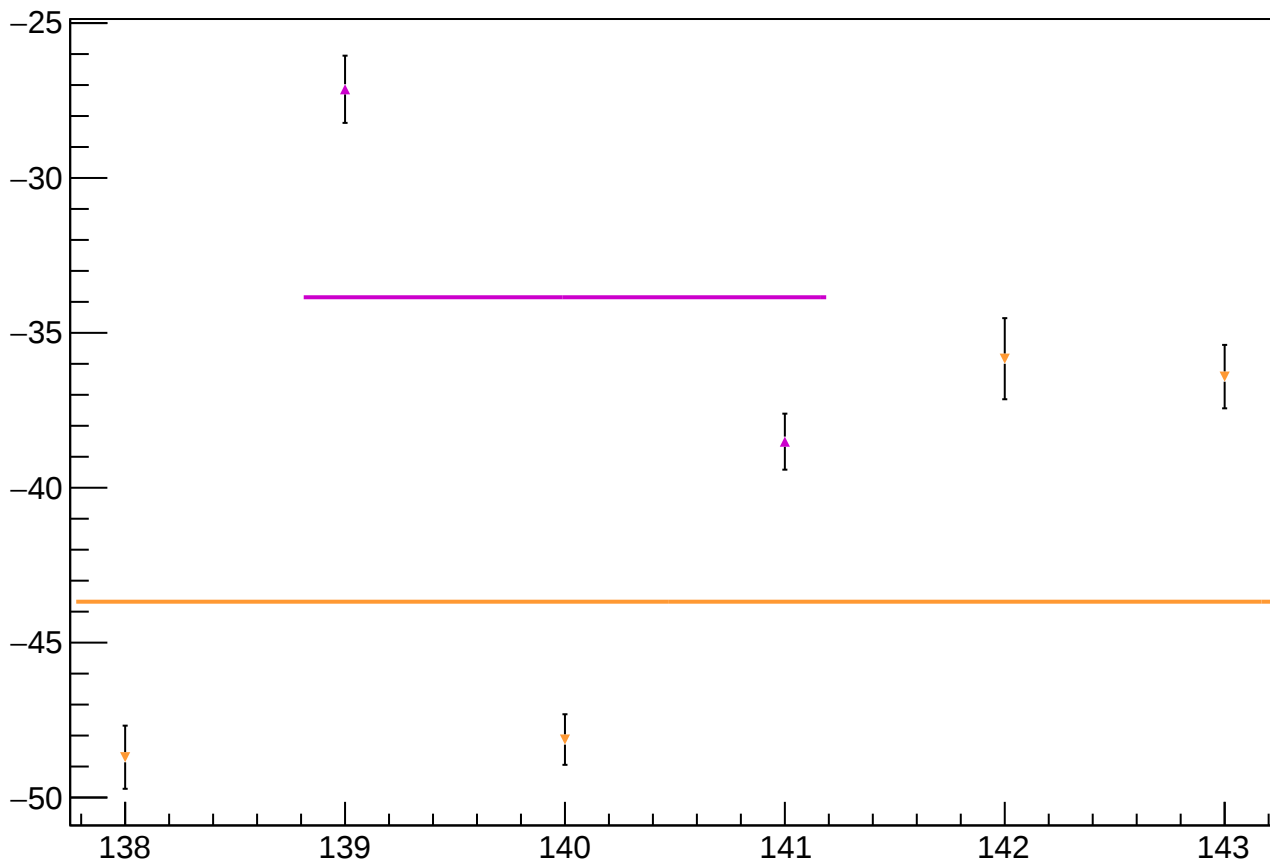
Right: 0.170 $\pm$ 0.007 χ^2 /NDF: 3881.4/34

In: 0.076 $\pm$ 0.007 χ^2 /NDF: 1293.6/18

Out: 0.010 $\pm$ 0.006 χ^2 /NDF: 3370.9/21

All: 0.039 $\pm$ 0.005 χ^2 /NDF: 4712.1/40

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

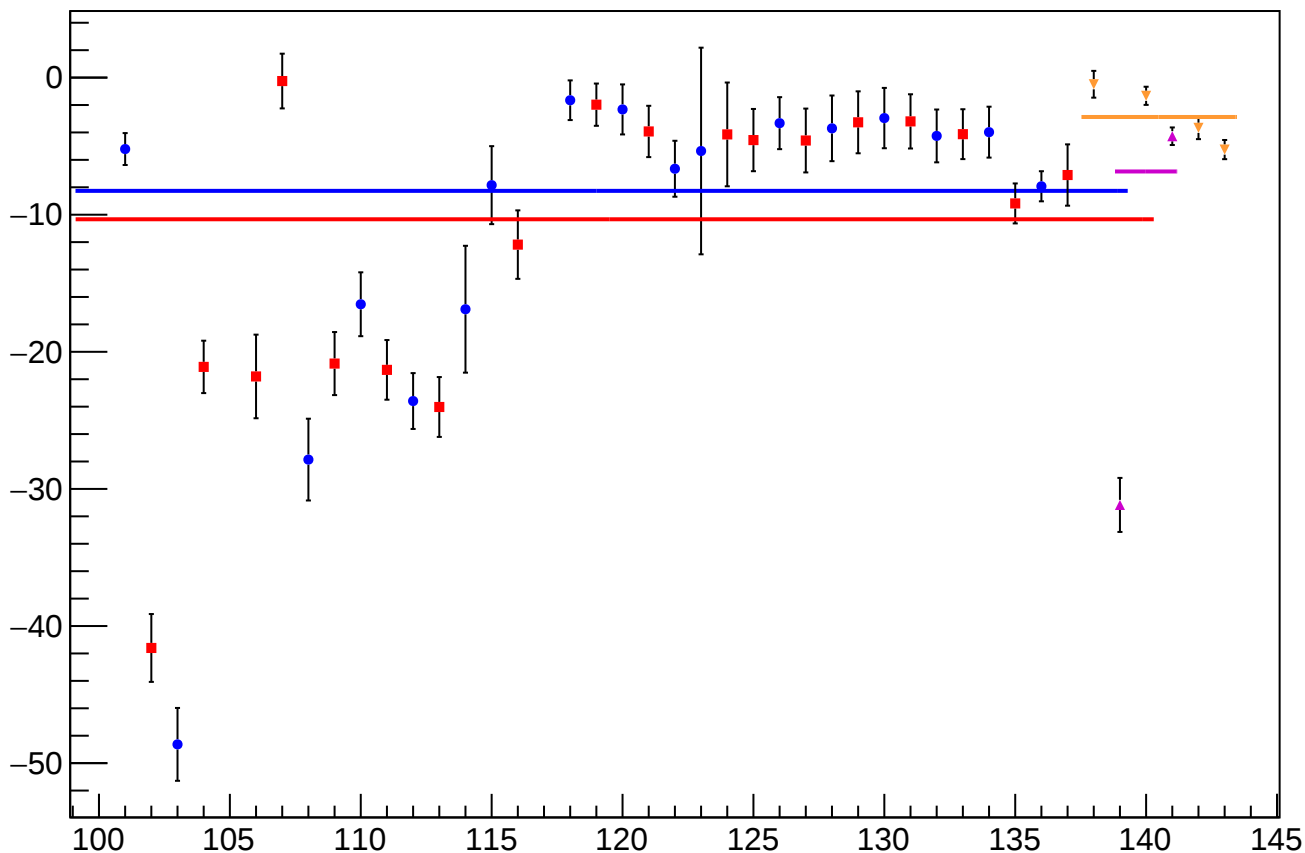
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -6.847 ± 0.609 χ^2/NDF : 168.4/1

Left: -3.995 ± 0.324 χ^2/NDF : 222.9/5

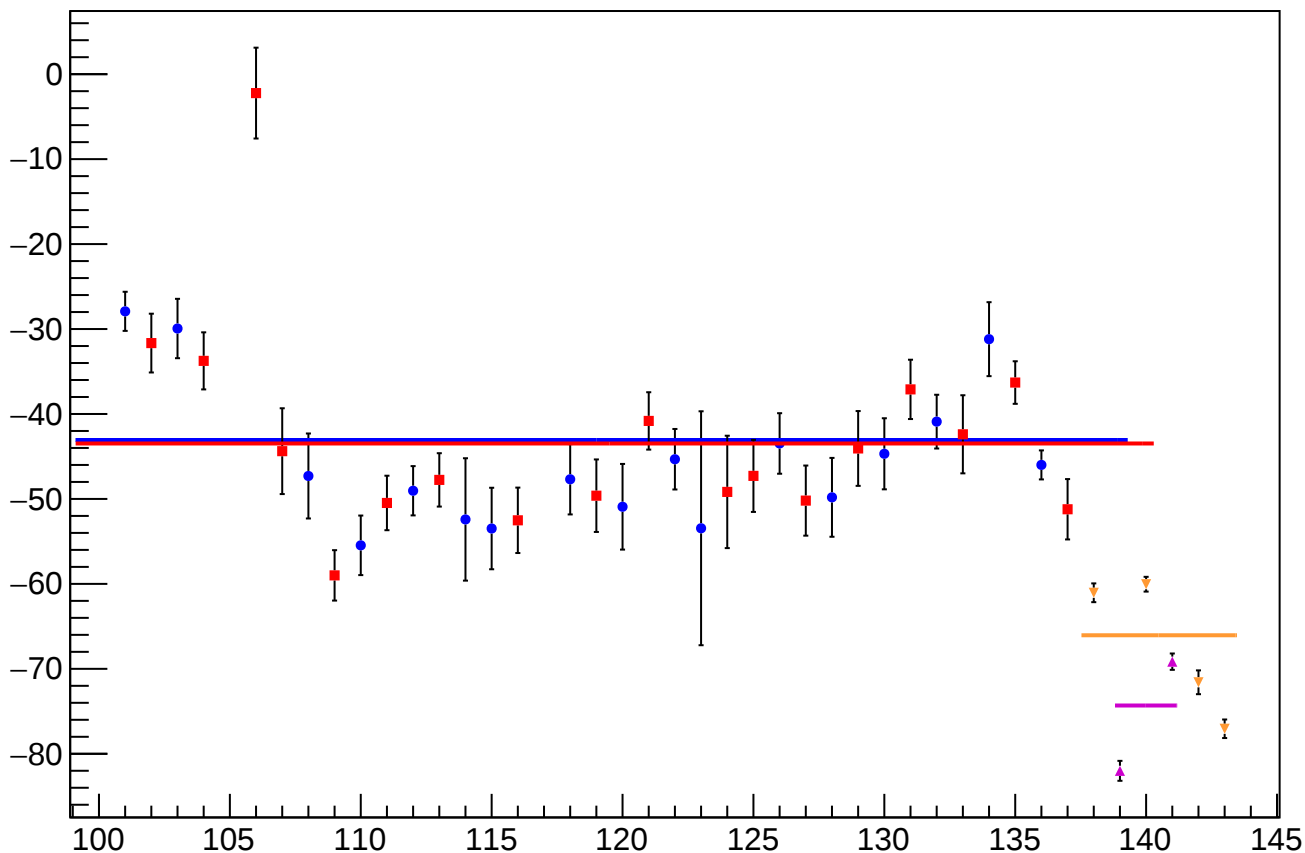
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -7.744 ± 0.368 χ^2/NDF : 583.8/18

Out: -5.686 ± 0.302 χ^2/NDF : 578.6/21

All: -6.512 ± 0.233 χ^2/NDF : 1181.0/40

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 χ^2/NDF : 99.0/16

Left Out: -66.049 ± 0.535 χ^2/NDF : 185.5/3

Right Out: -43.473 ± 0.869 χ^2/NDF : 142.3/17

Left In: -74.317 ± 0.744 χ^2/NDF : 71.8/1

Left: -68.870 ± 0.434 χ^2/NDF : 338.7/5

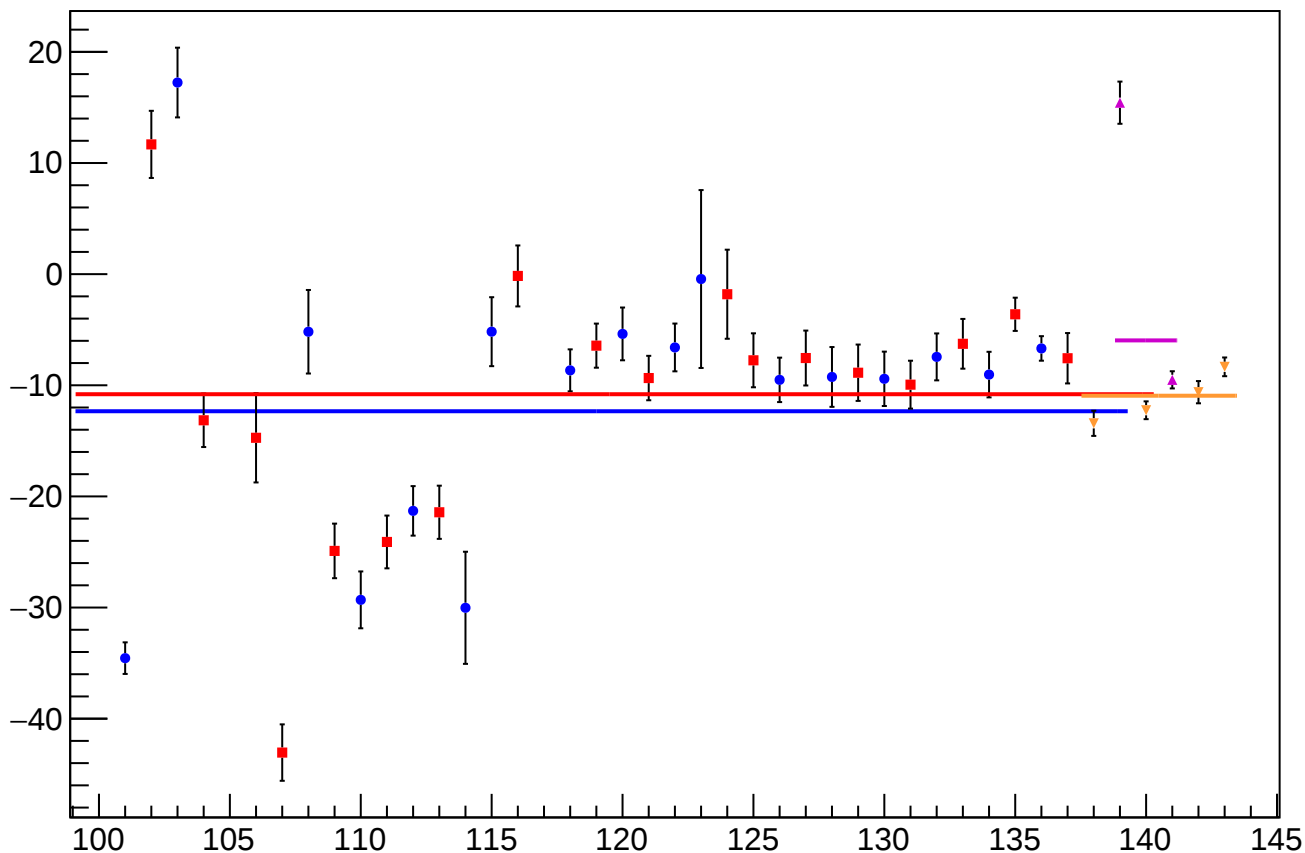
Right: -43.261 ± 0.602 χ^2/NDF : 241.5/34

In: -60.498 ± 0.555 χ^2/NDF : 951.7/18

Out: -59.839 ± 0.456 χ^2/NDF : 817.4/21

All: -60.104 ± 0.352 χ^2/NDF : 1769.9/40

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: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -5.961 ± 0.716 χ^2/NDF : 148.1/1

Left: -9.490 ± 0.386 χ^2/NDF : 199.4/5

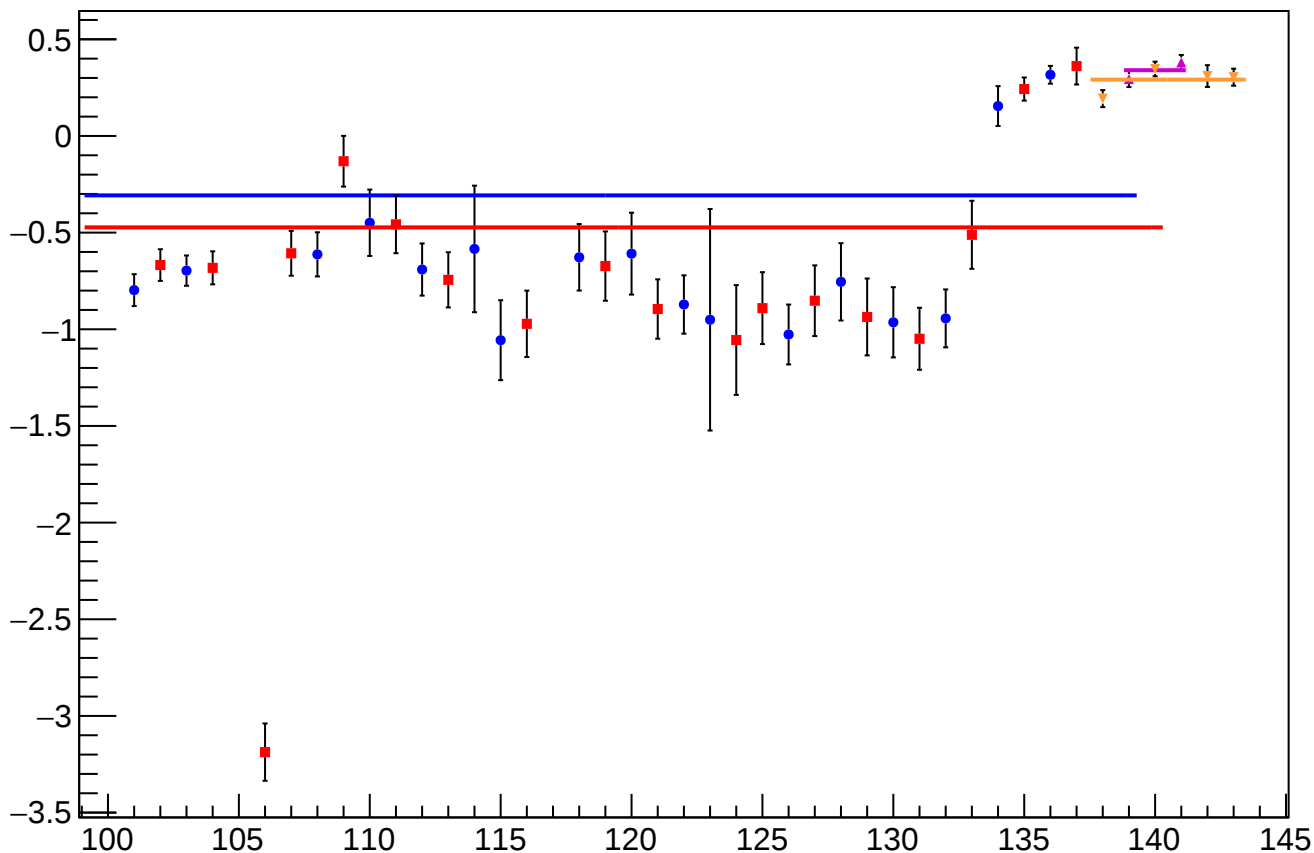
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -10.133 ± 0.421 χ^2/NDF : 675.1/18

Out: -10.884 ± 0.353 χ^2/NDF : 378.5/21

All: -10.574 ± 0.271 χ^2/NDF : 1055.5/40

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.291 ± 0.022 χ^2/NDF : 7.3/3

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.340 ± 0.028 χ^2/NDF : 2.3/1

Left: 0.310 ± 0.017 χ^2/NDF : 11.4/5

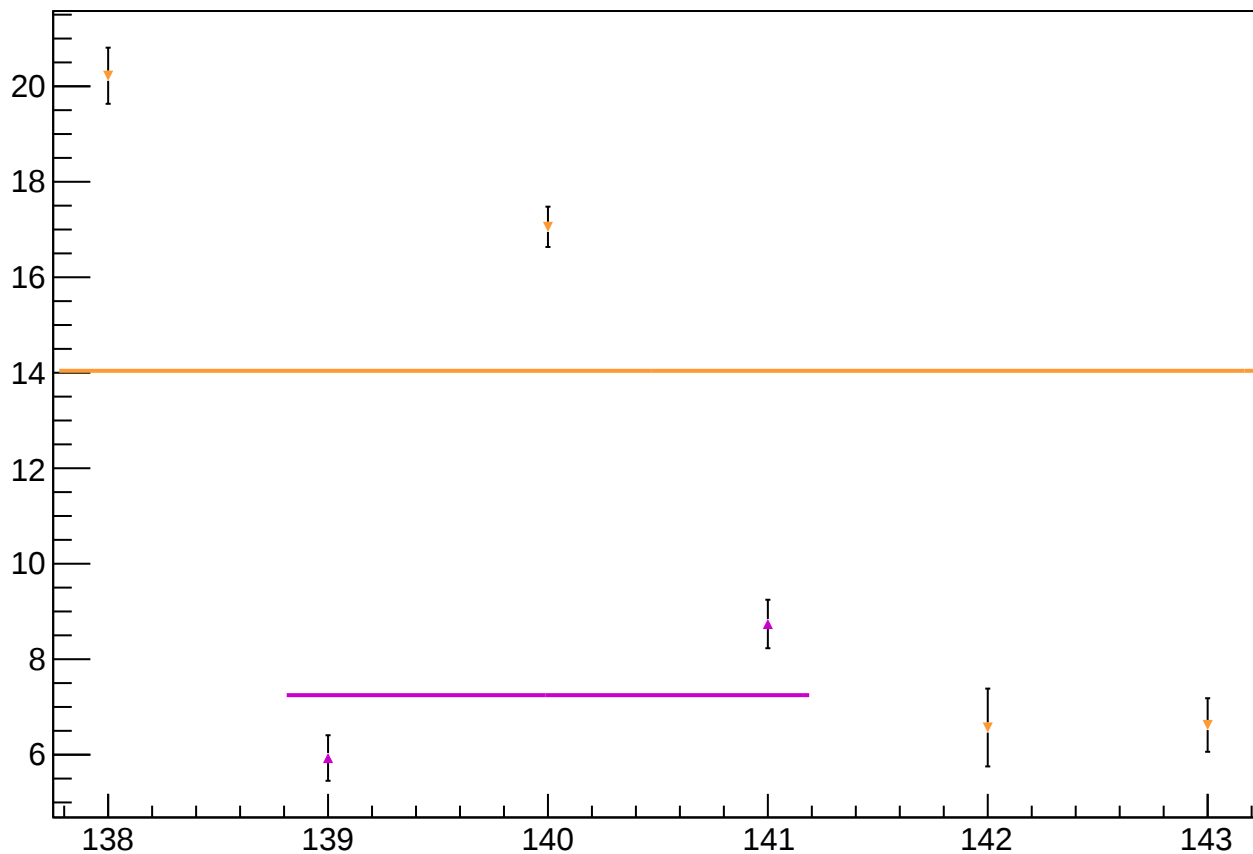
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.006 ± 0.020 χ^2/NDF : 642.6/18

Out: 0.005 ± 0.018 χ^2/NDF : 1080.2/21

All: 0.006 ± 0.013 χ^2/NDF : 1722.7/40

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

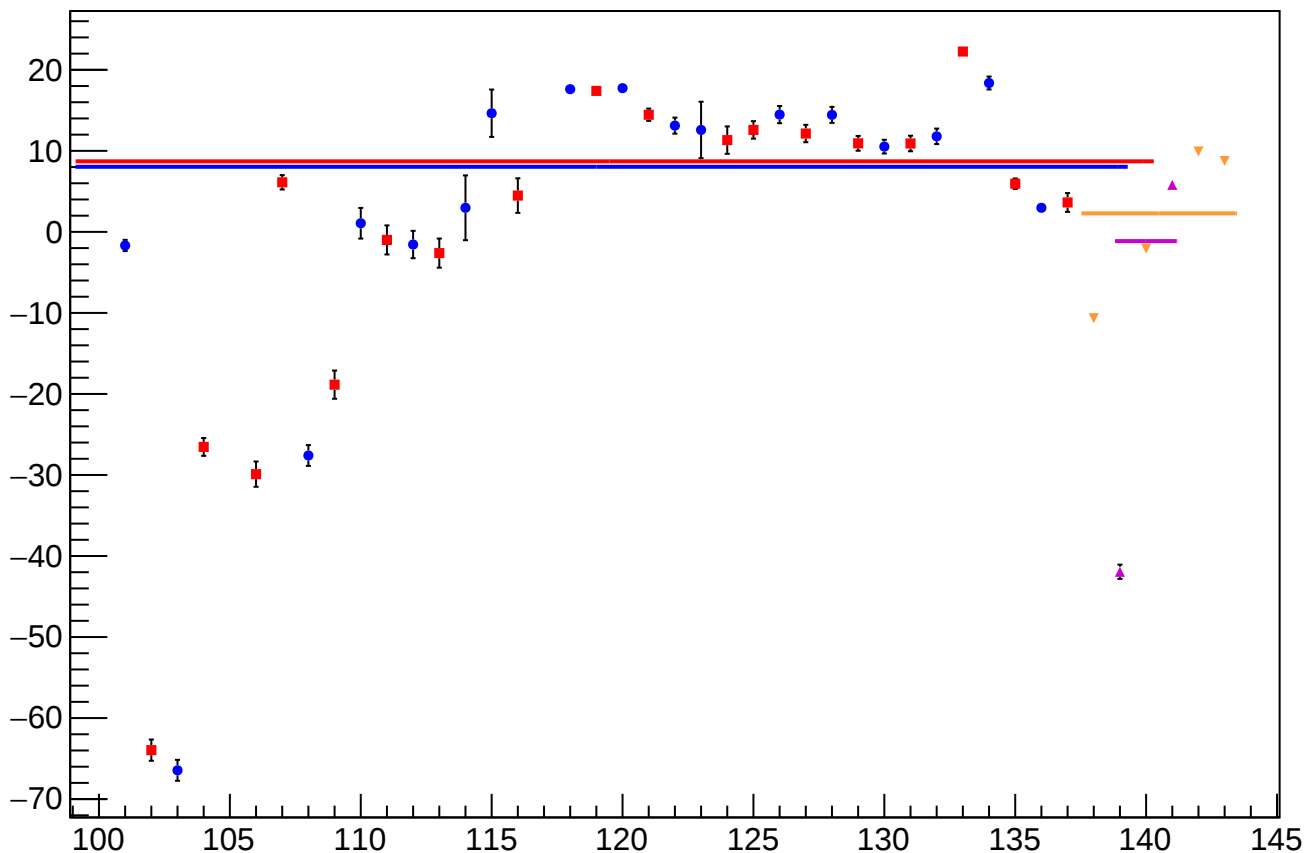
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 8.708 ± 0.213 χ^2/NDF : 6290.2/17

Left In: -1.136 ± 0.335 χ^2/NDF : 2518.6/1

Left: 1.284 ± 0.182 χ^2/NDF : 3716.5/5

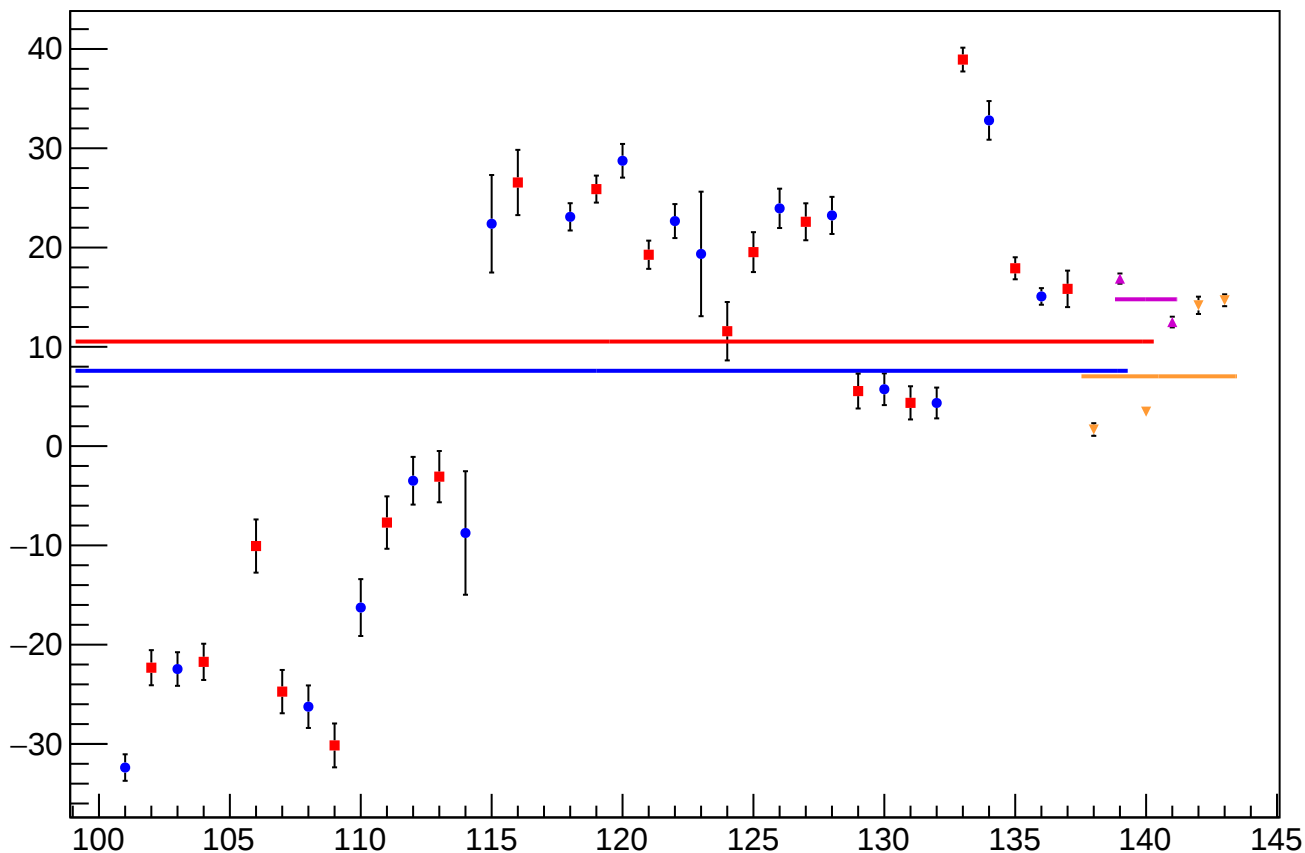
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 5.357 ± 0.181 χ^2/NDF : 8418.5/18

Out: 5.538 ± 0.152 χ^2/NDF : 7862.4/21

All: 5.463 ± 0.116 χ^2/NDF : 16281.5/40

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 7.028 ± 0.295 $\chi^2/\text{NDF}: 364.5/3$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 14.787 ± 0.372 $\chi^2/\text{NDF}: 34.4/1$

Left: 10.016 ± 0.231 $\chi^2/\text{NDF}: 665.8/5$

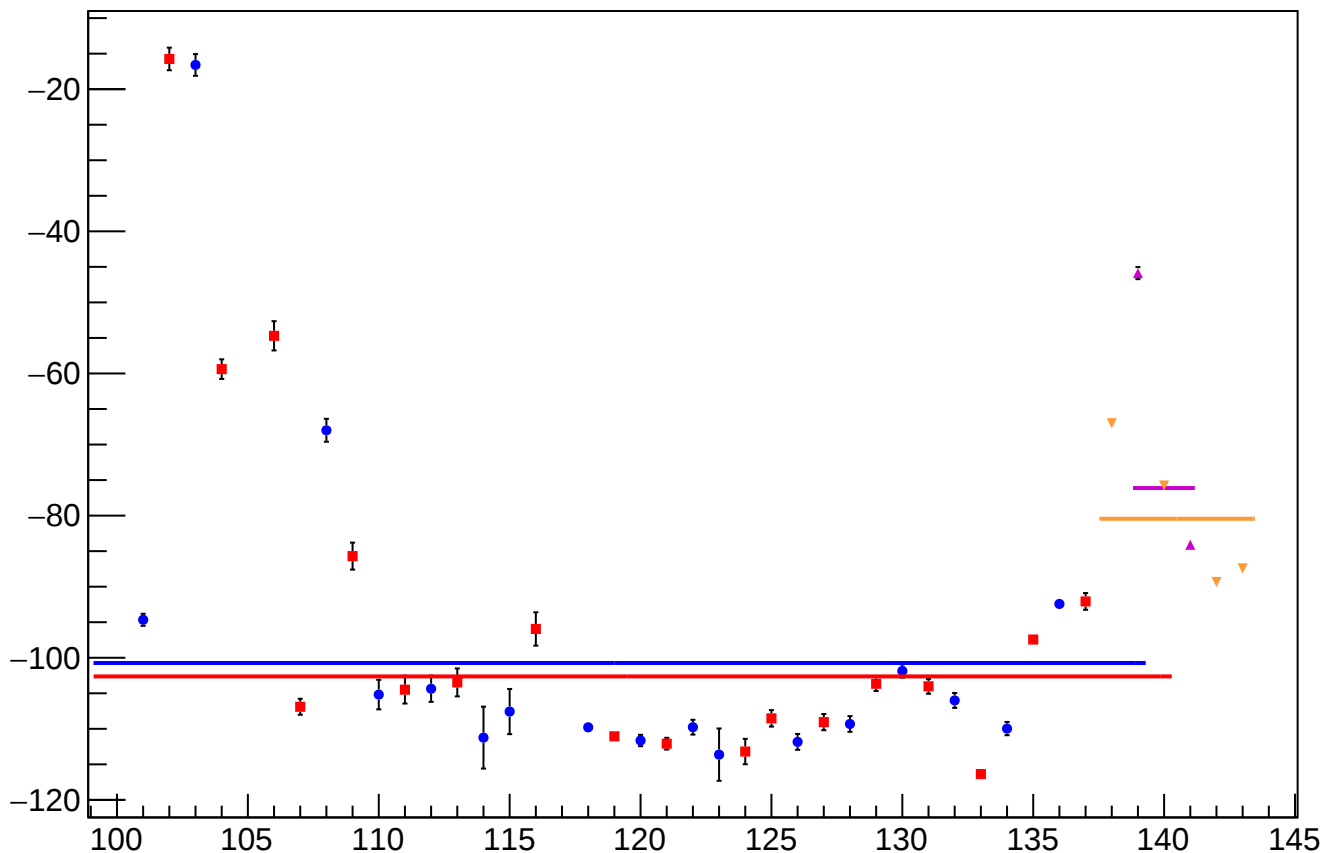
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 11.585 ± 0.278 $\chi^2/\text{NDF}: 2523.4/18$

Out: 8.193 ± 0.241 $\chi^2/\text{NDF}: 2690.9/21$

All: 9.650 ± 0.182 $\chi^2/\text{NDF}: 5299.5/40$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -80.444 ± 0.258 χ^2/NDF : 943.2/3

Right Out: -102.625 ± 0.246 χ^2/NDF : 5716.3/17

Left In: -76.121 ± 0.388 χ^2/NDF : 1605.5/1

Left: -79.117 ± 0.215 χ^2/NDF : 2634.8/5

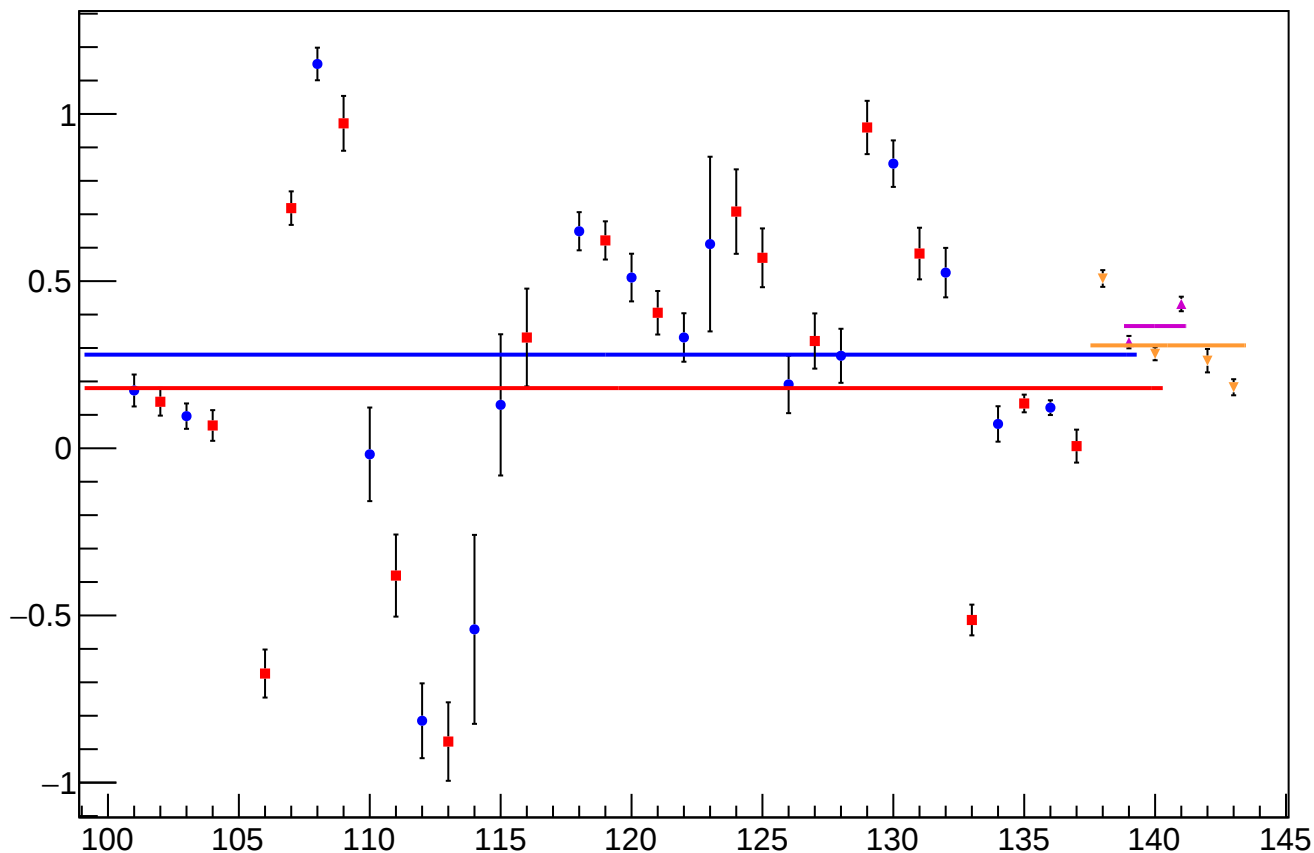
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -93.579 ± 0.209 χ^2/NDF : 8983.4/18

Out: -92.062 ± 0.178 χ^2/NDF : 10528.0/21

All: -92.700 ± 0.136 χ^2/NDF : 19541.9/40

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.308 $\pm$ 0.012 χ^2 /NDF:94.4/3

Right Out: 0.180 $\pm$ 0.013 χ^2 /NDF: 937.1/17

Left In: 0.366 $\pm$ 0.014 χ^2 /NDF:15.9/1

Left: 0.332 $\pm$ 0.009 χ^2 /NDF: 120.0/5

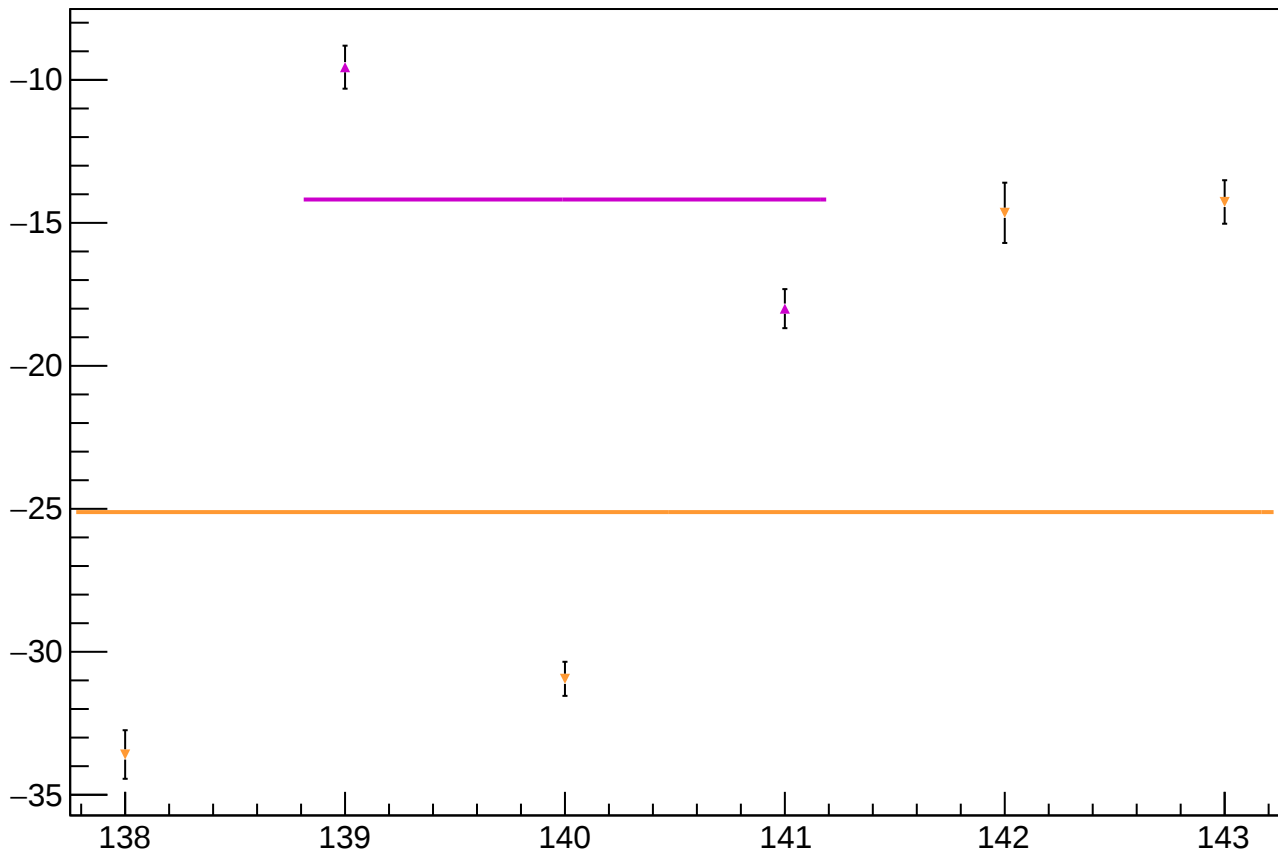
Right: 0.230 $\pm$ 0.010 χ^2 /NDF: 1621.0/34

In: 0.321 $\pm$ 0.010 χ^2 /NDF:691.5/18

Out: 0.251 $\pm$ 0.009 χ^2 /NDF:1081.1/21

All: 0.283 $\pm$ 0.007 χ^2 /NDF: 1800.6/40

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -25.114 ± 0.383 $\chi^2/\text{NDF}: 497.2/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -14.183 ± 0.506 $\chi^2/\text{NDF}: 69.1/1$

Left: -21.134 ± 0.305 $\chi^2/\text{NDF}: 863.4/5$

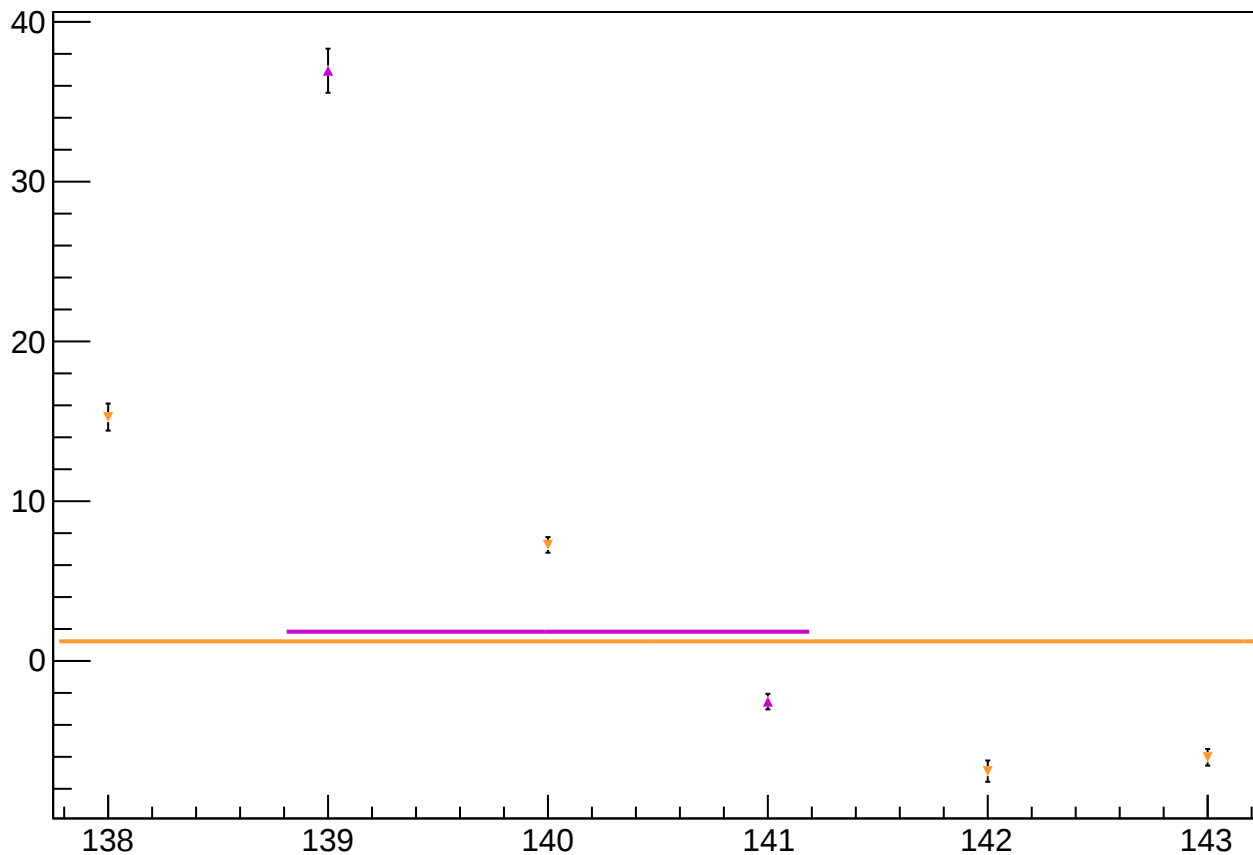
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.183 ± 0.506 $\chi^2/\text{NDF}: 69.1/1$

Out: -25.114 ± 0.383 $\chi^2/\text{NDF}: 497.2/3$

All: -21.134 ± 0.305 $\chi^2/\text{NDF}: 863.4/5$

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

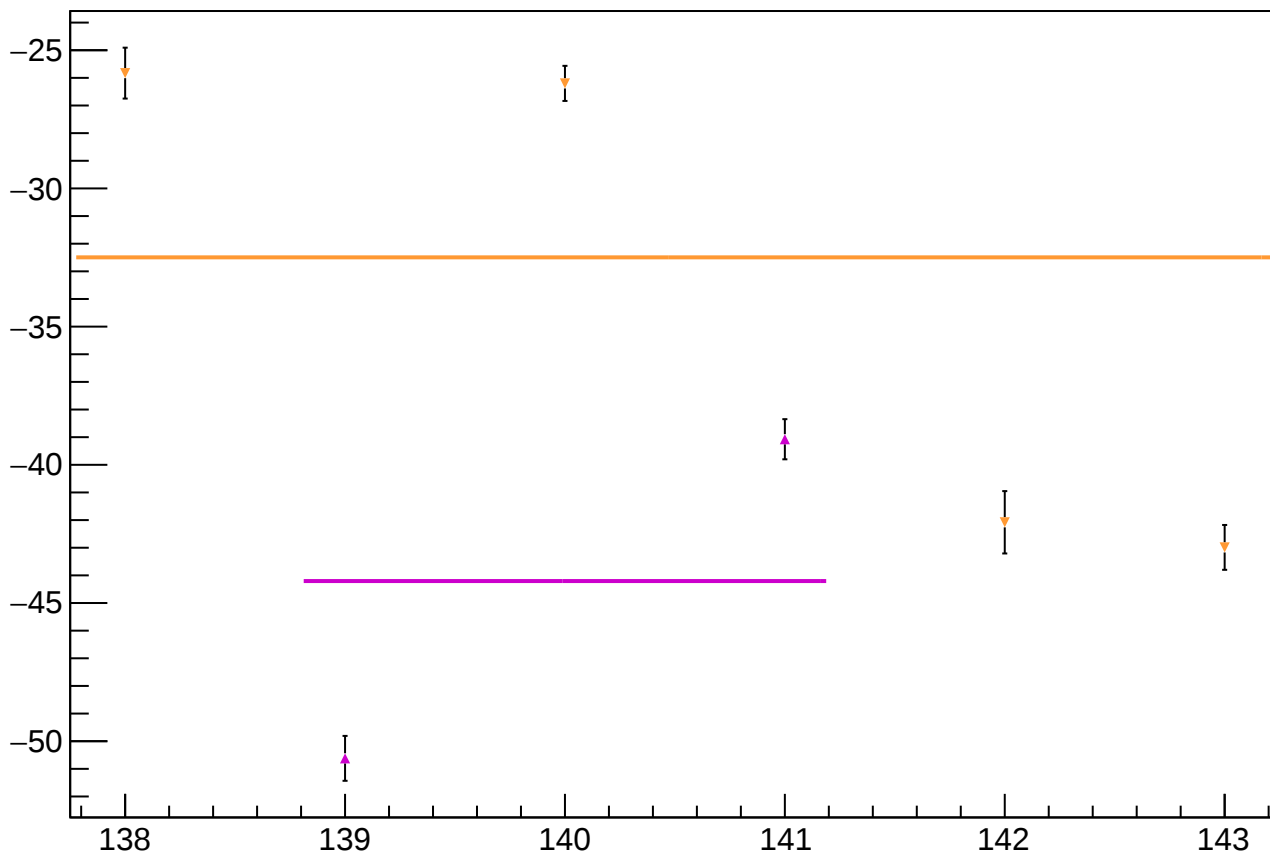
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

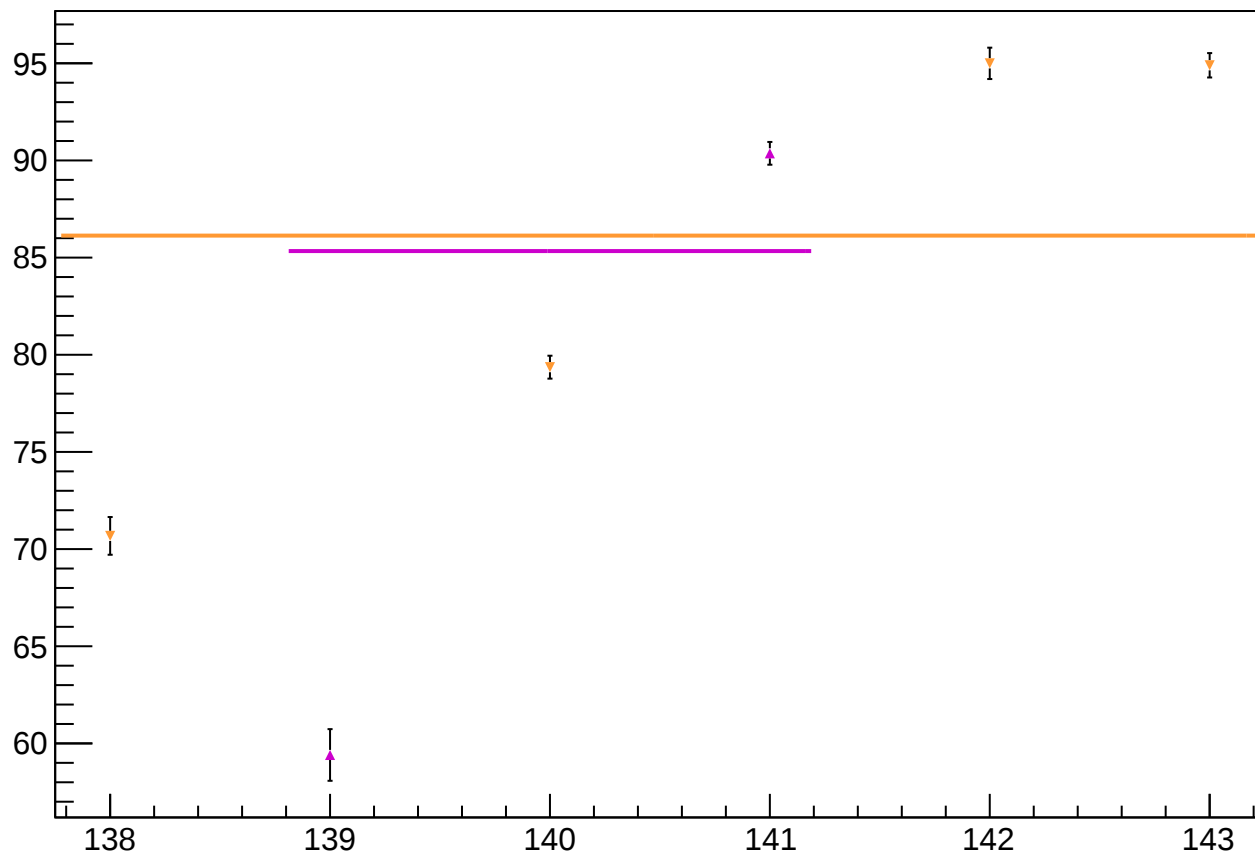
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

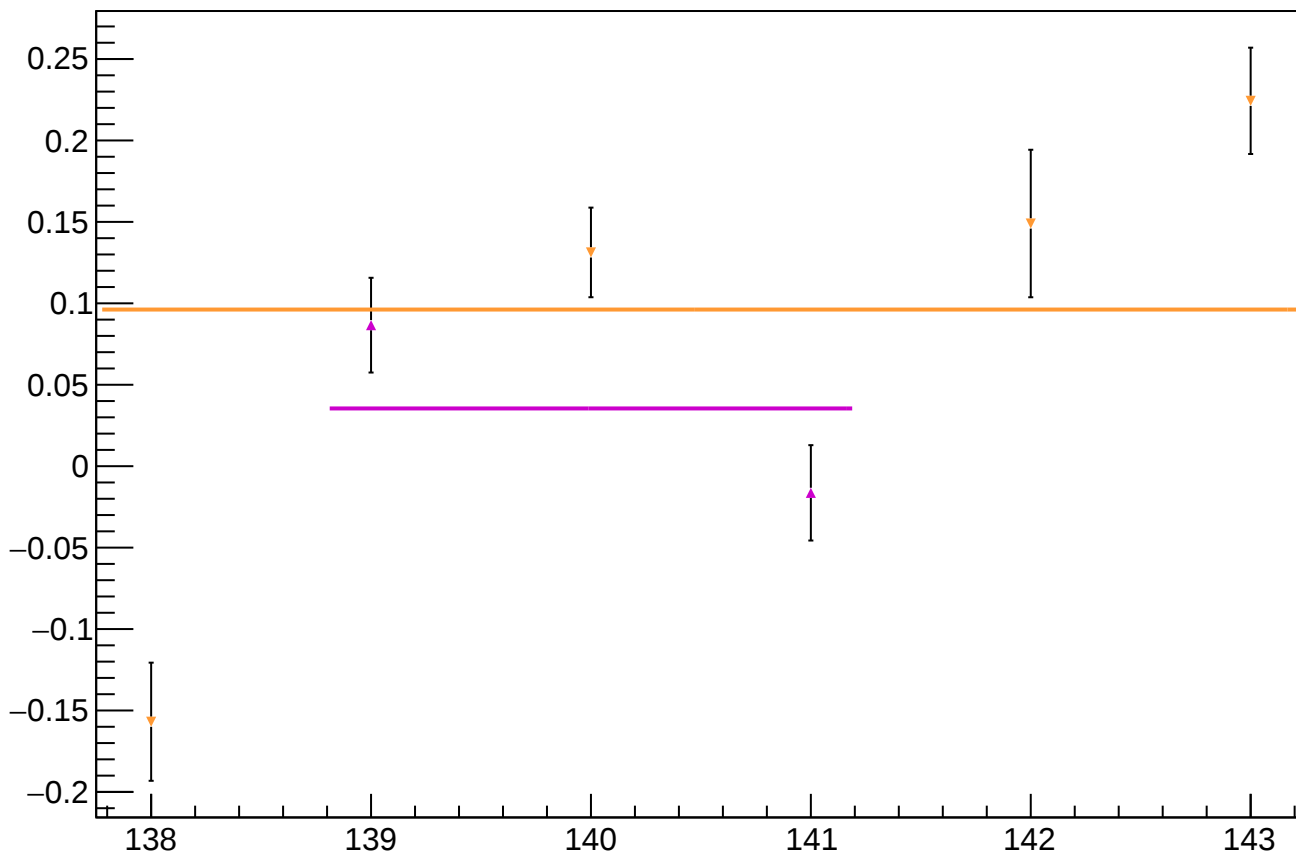
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

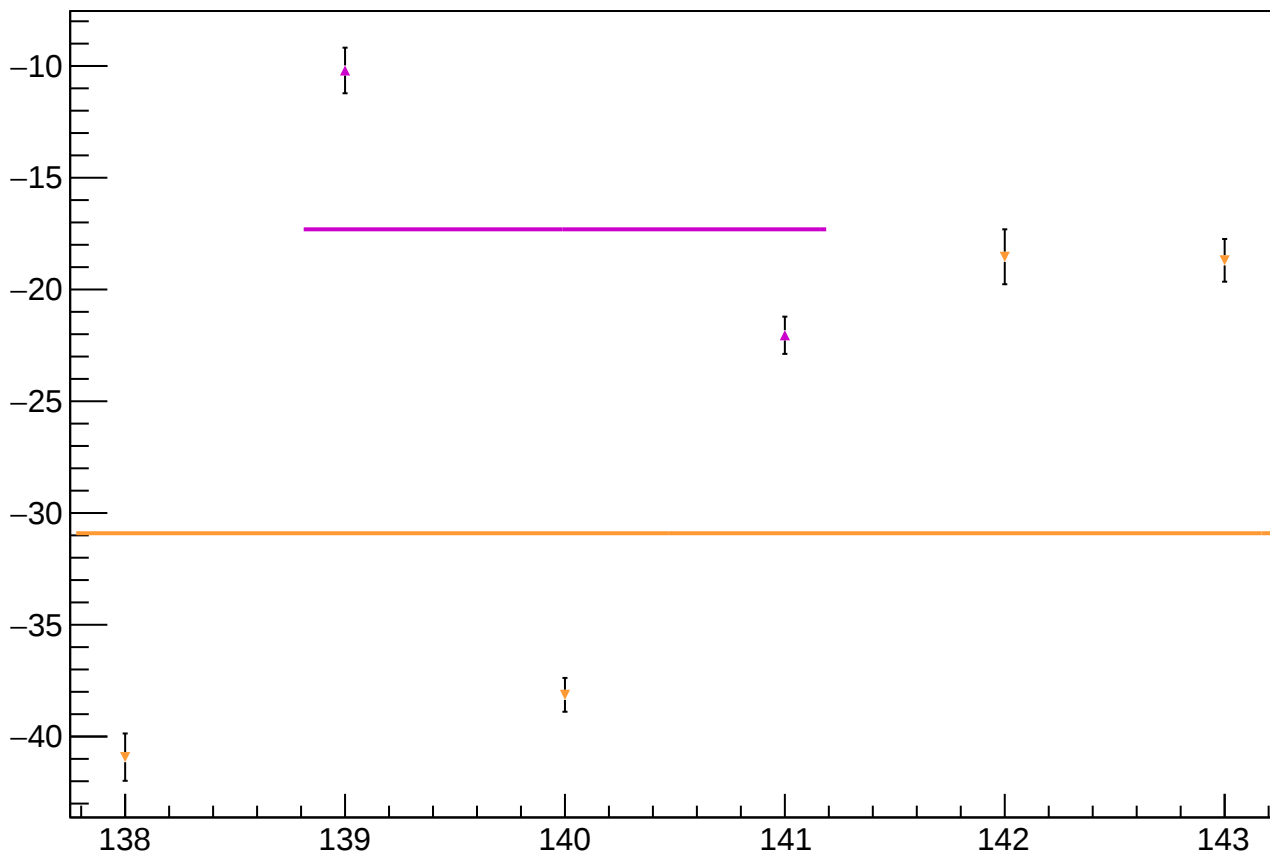
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

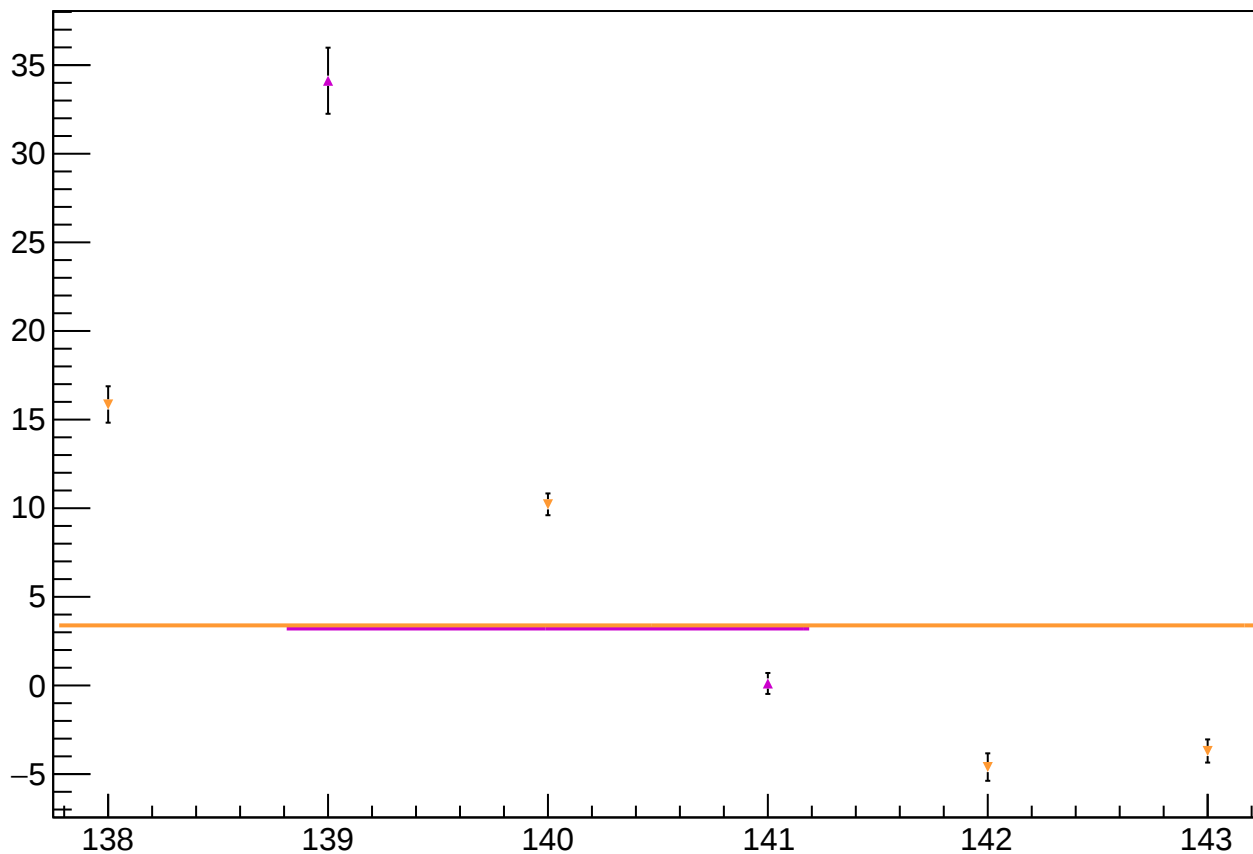
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

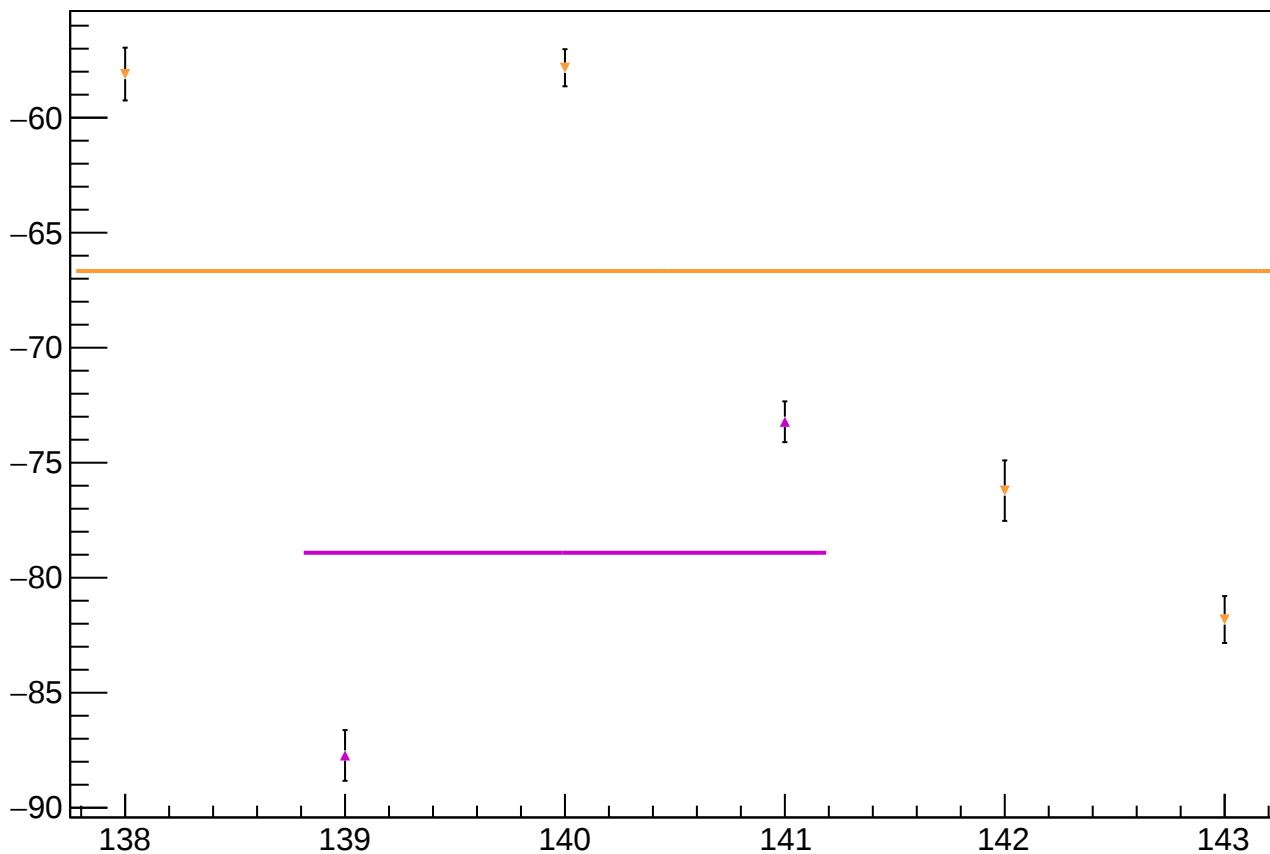
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

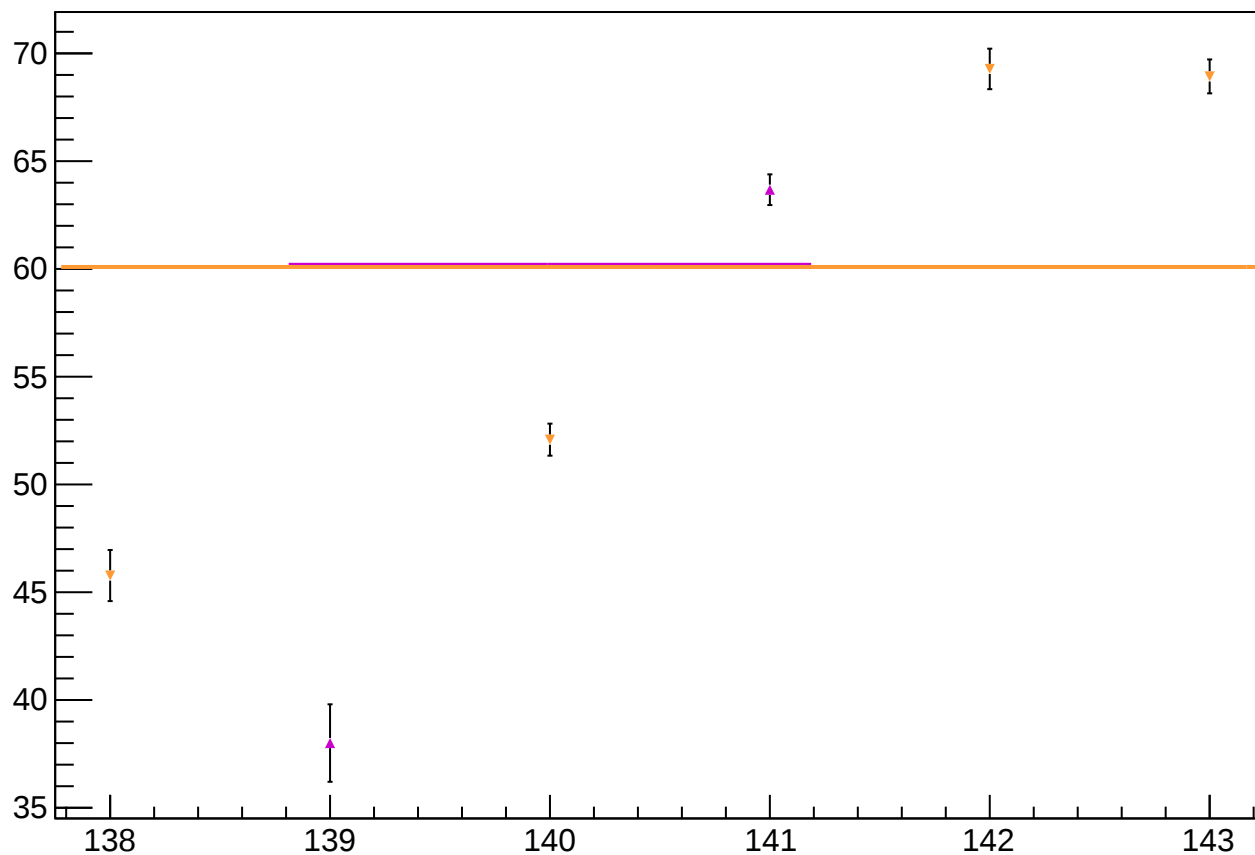
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

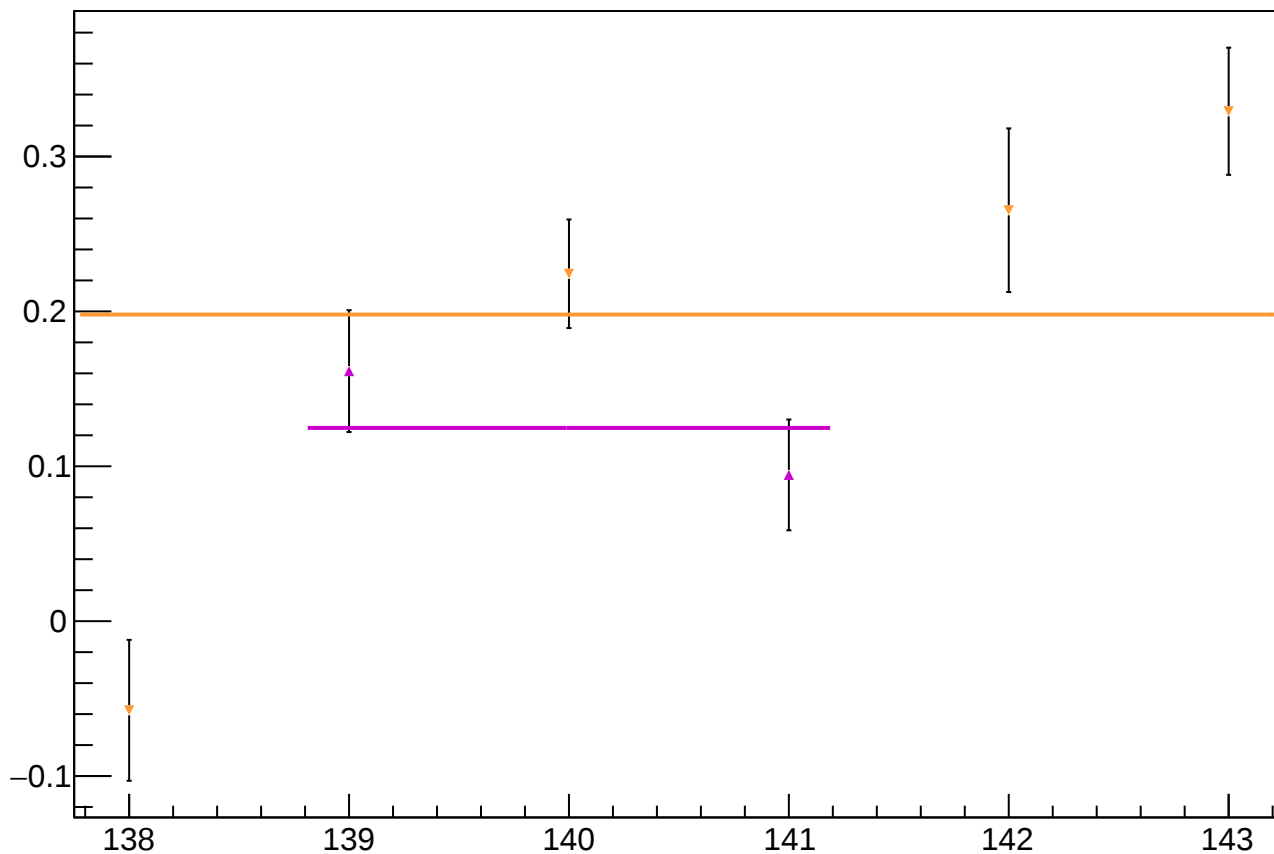
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

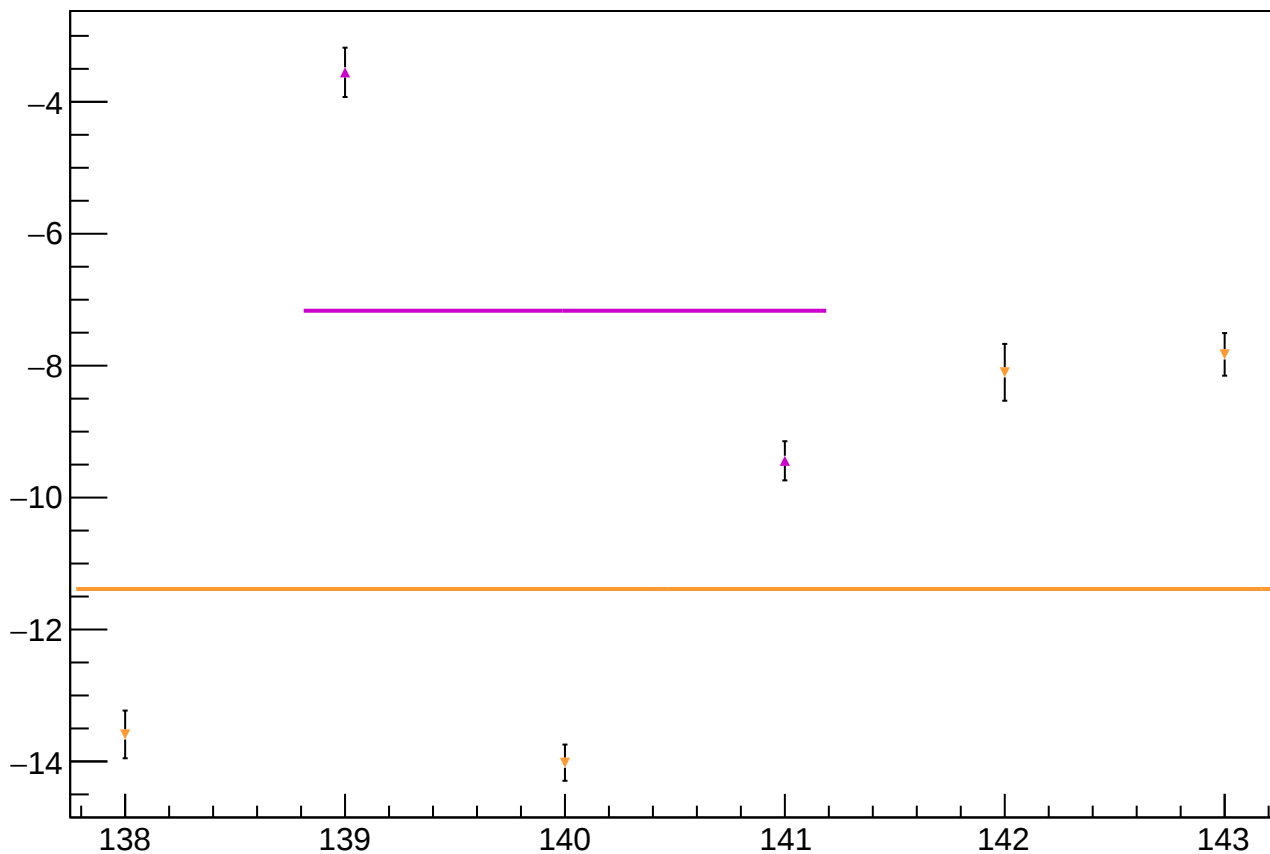
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

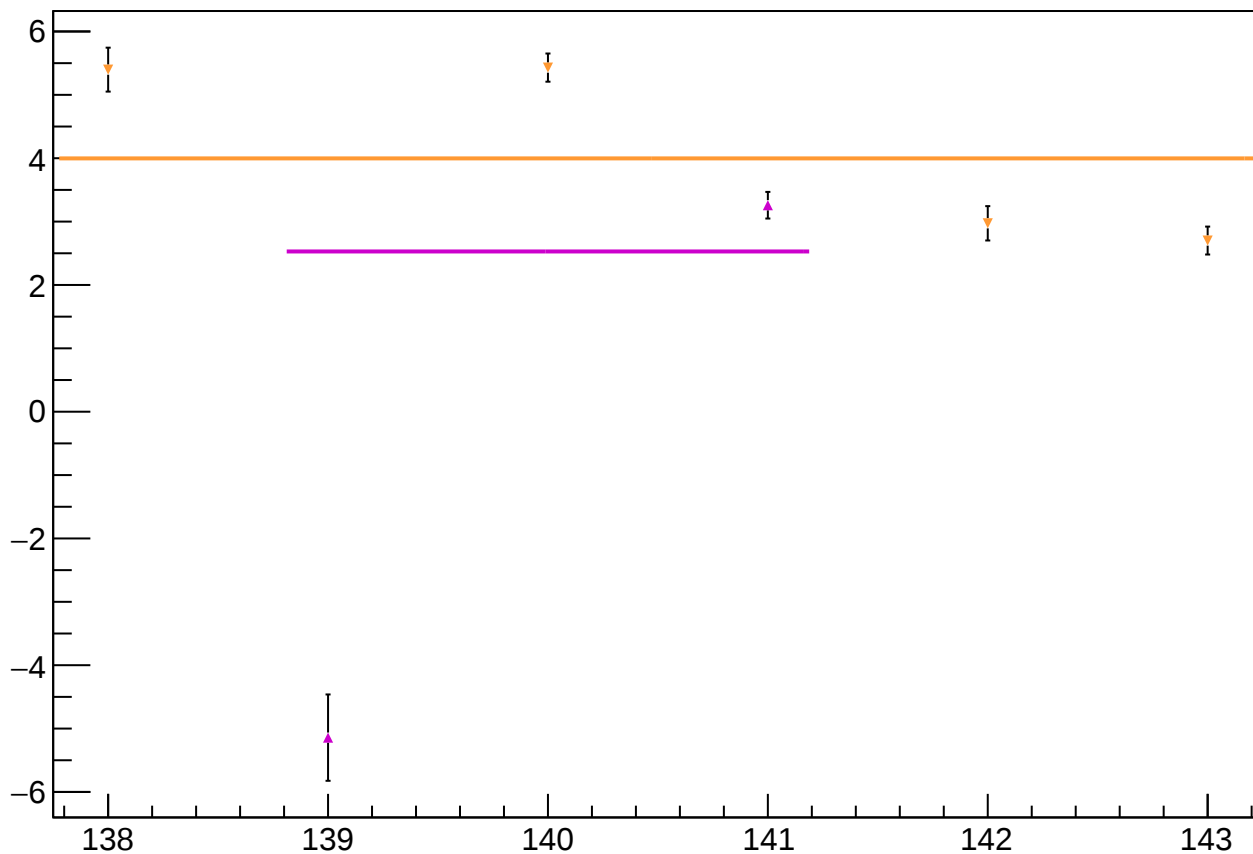
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

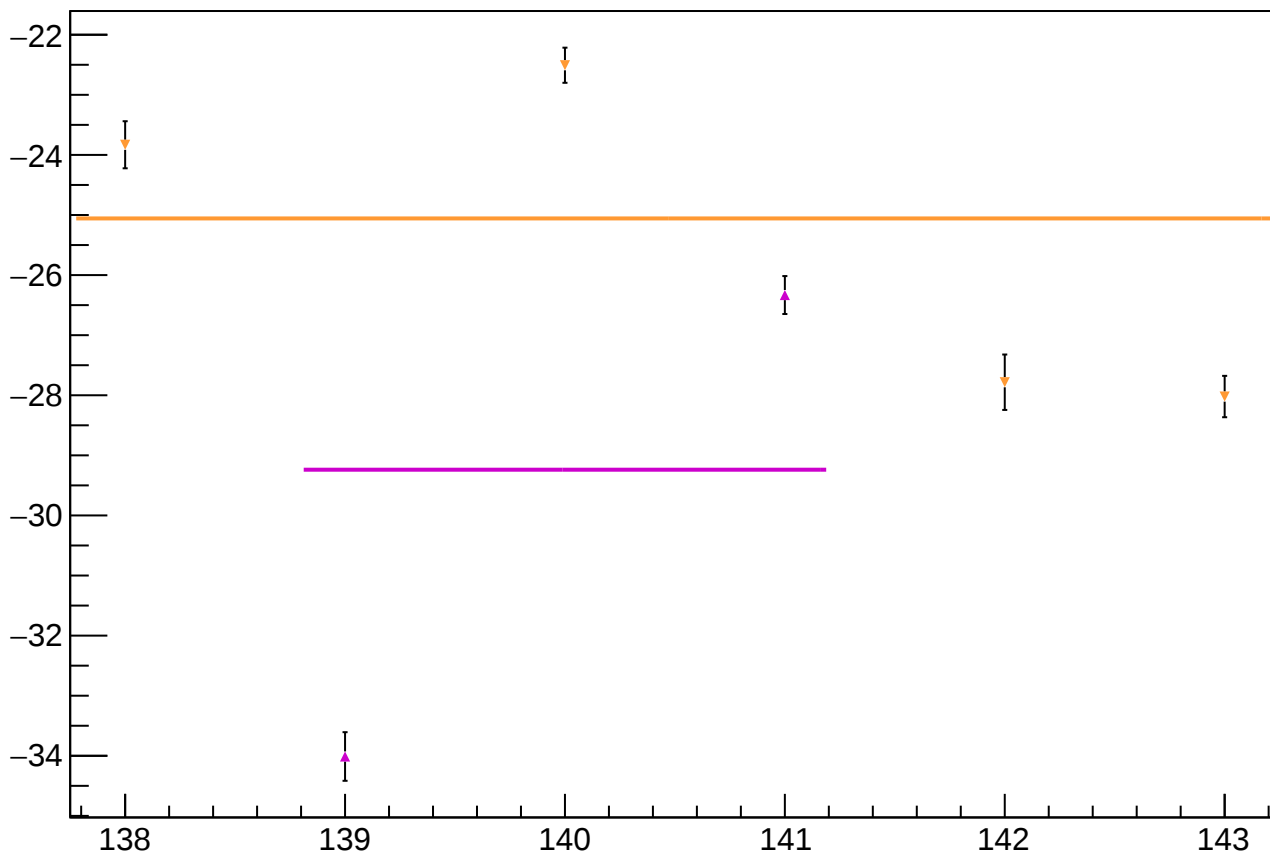
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

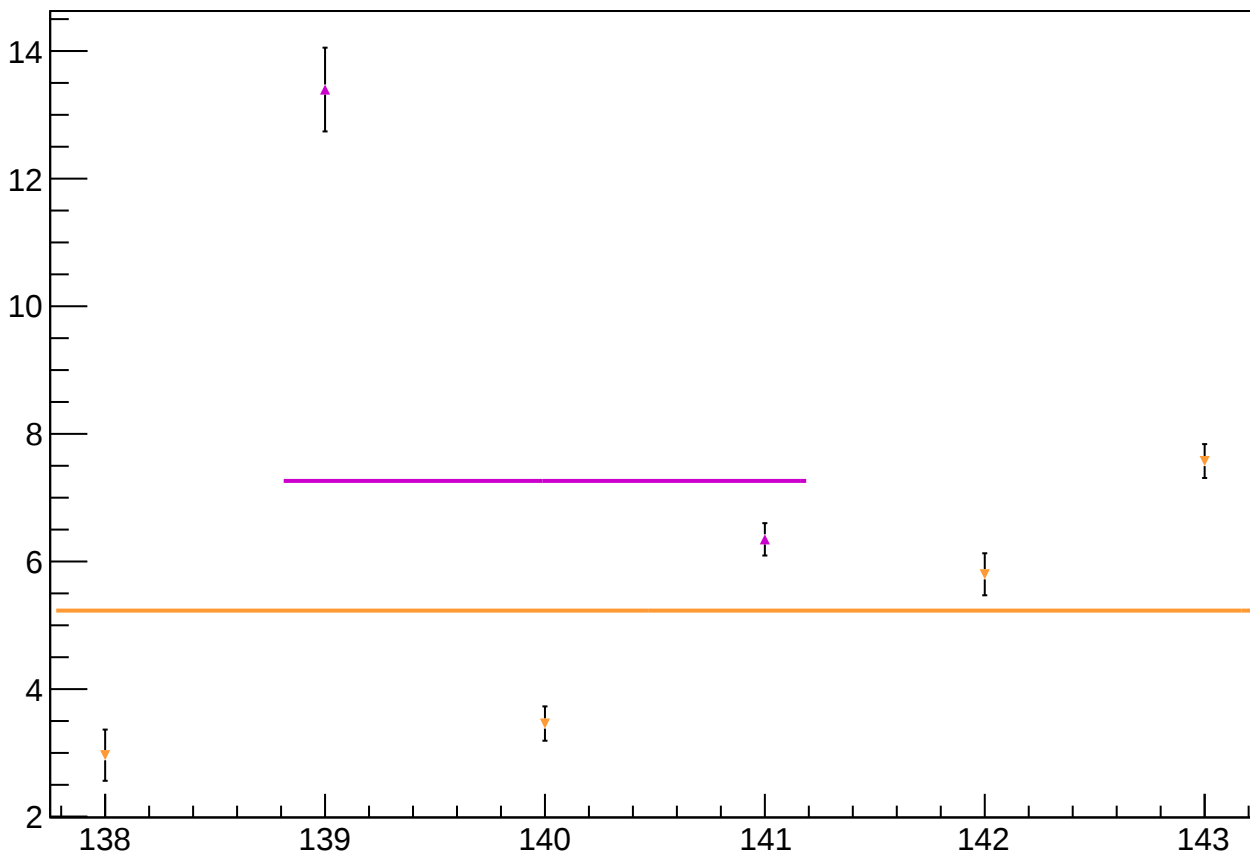
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

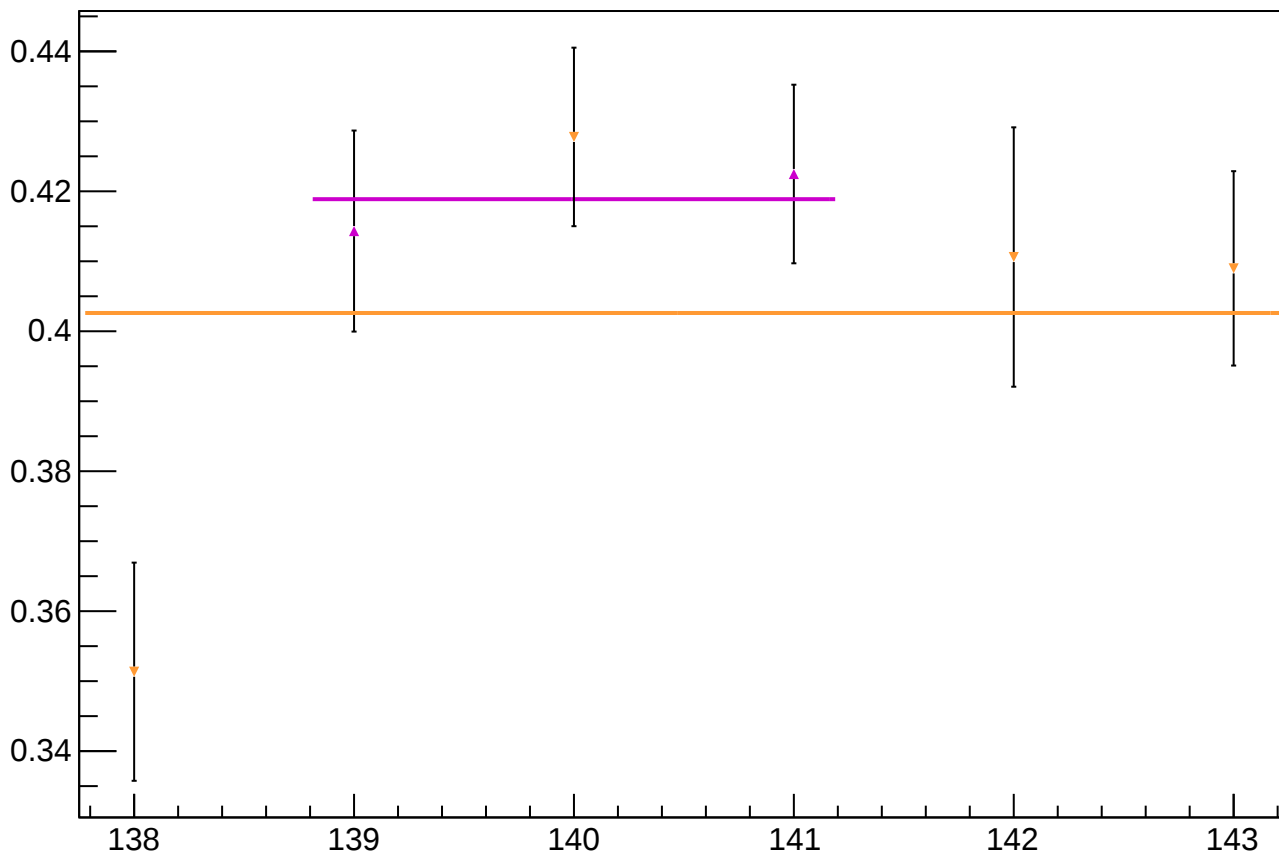
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

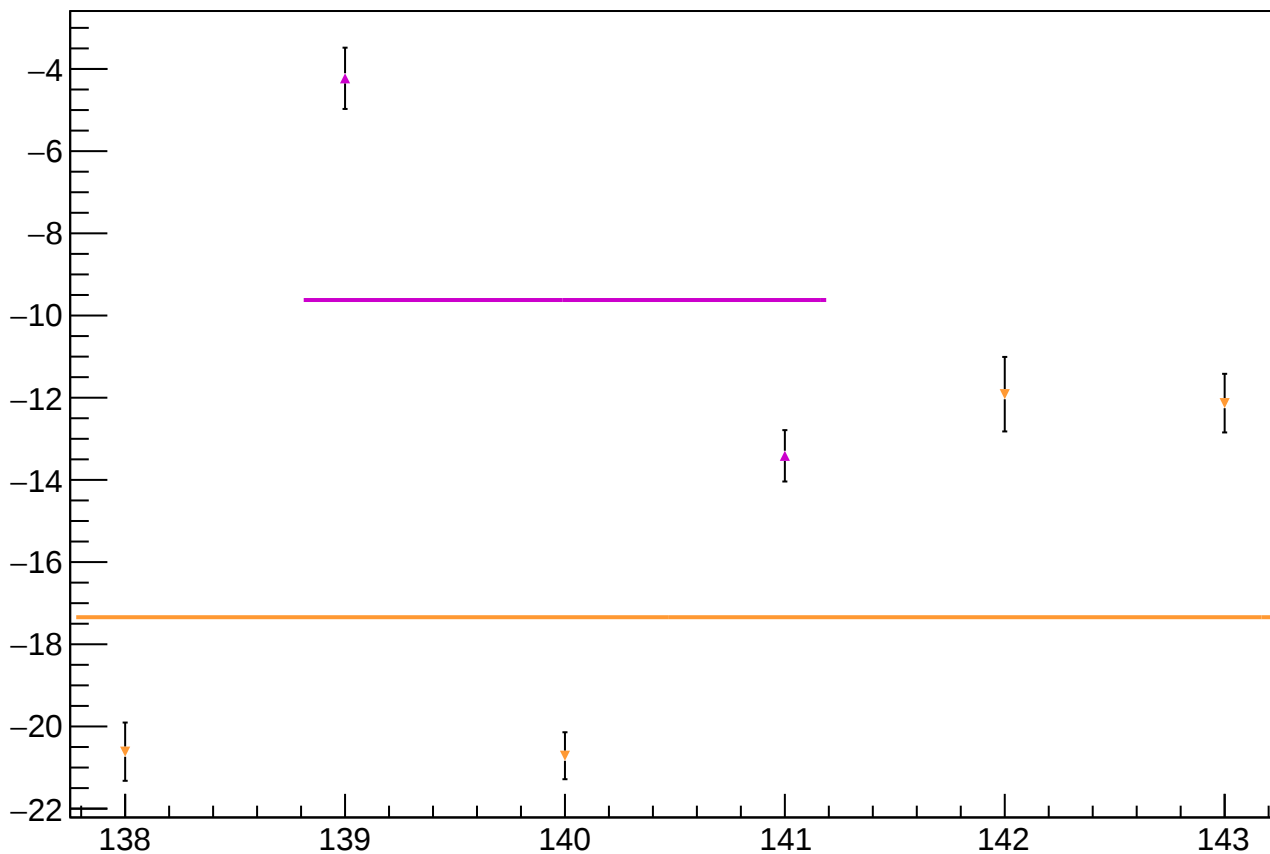
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

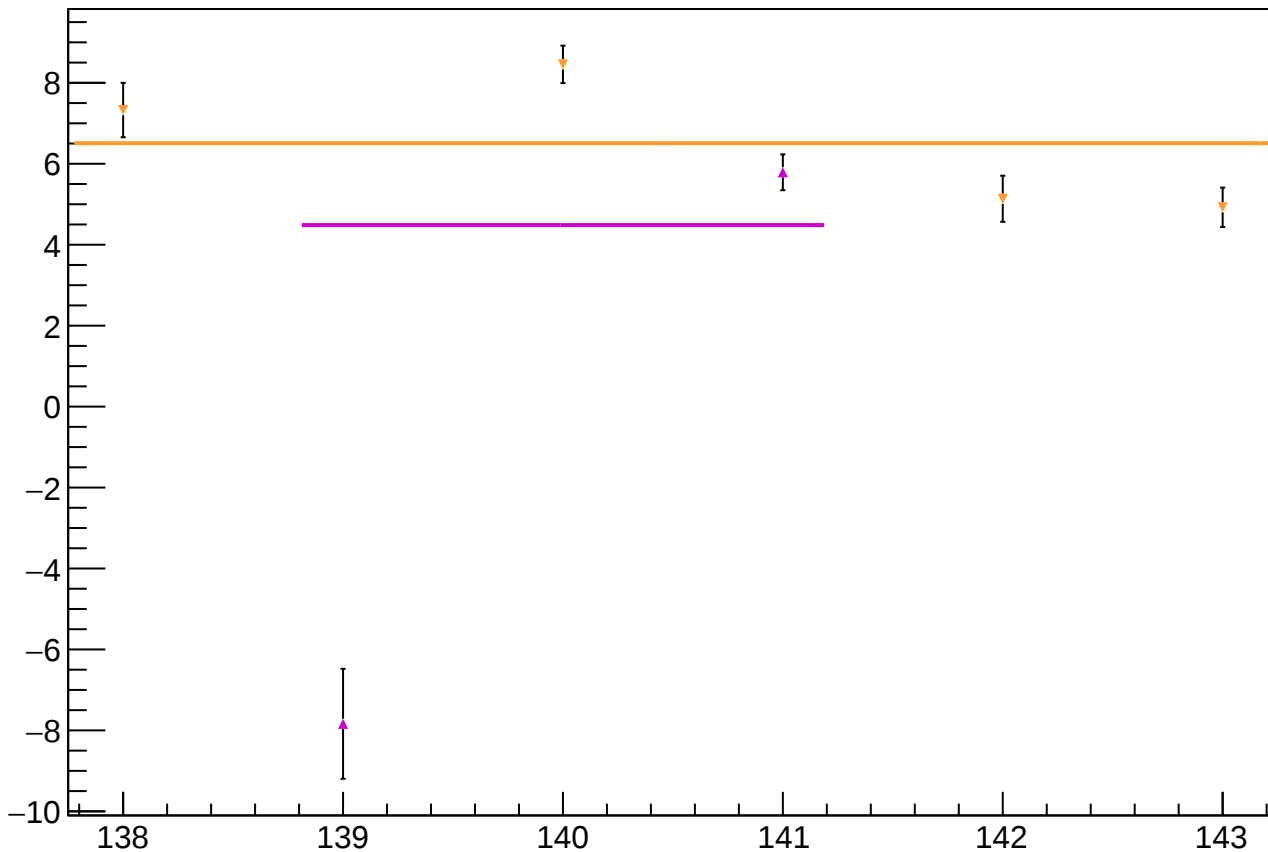
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

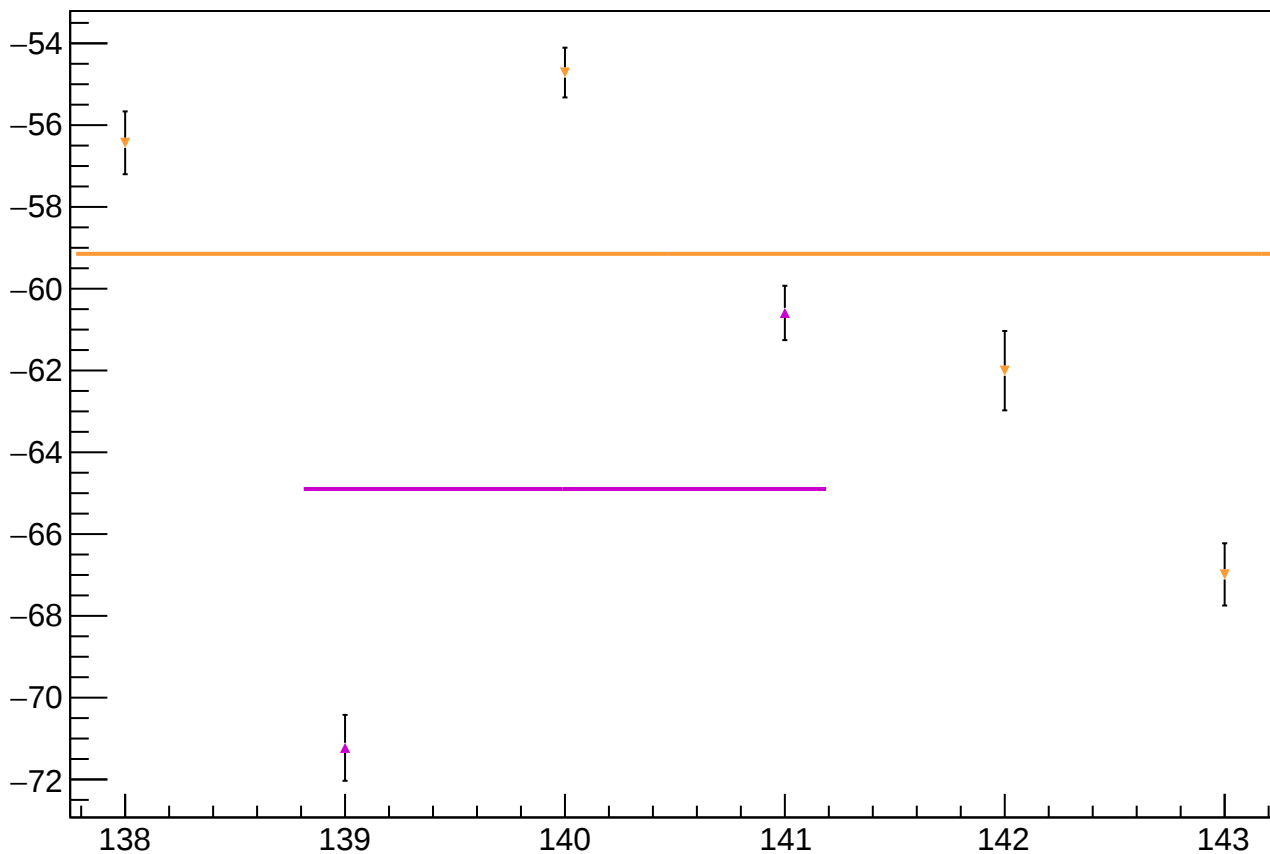
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.509 $\pm$ 0.265 χ^2 /NDF:35.6/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.485 $\pm$ 0.420 χ^2 /NDF:91.0/1

Left: 5.932 $\pm$ 0.224 χ^2 /NDF: 143.2/5
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.485 $\pm$ 0.420 χ^2 /NDF:91.0/1
 Out: 6.509 $\pm$ 0.265 χ^2 /NDF:35.6/3
 All: 5.932 $\pm$ 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

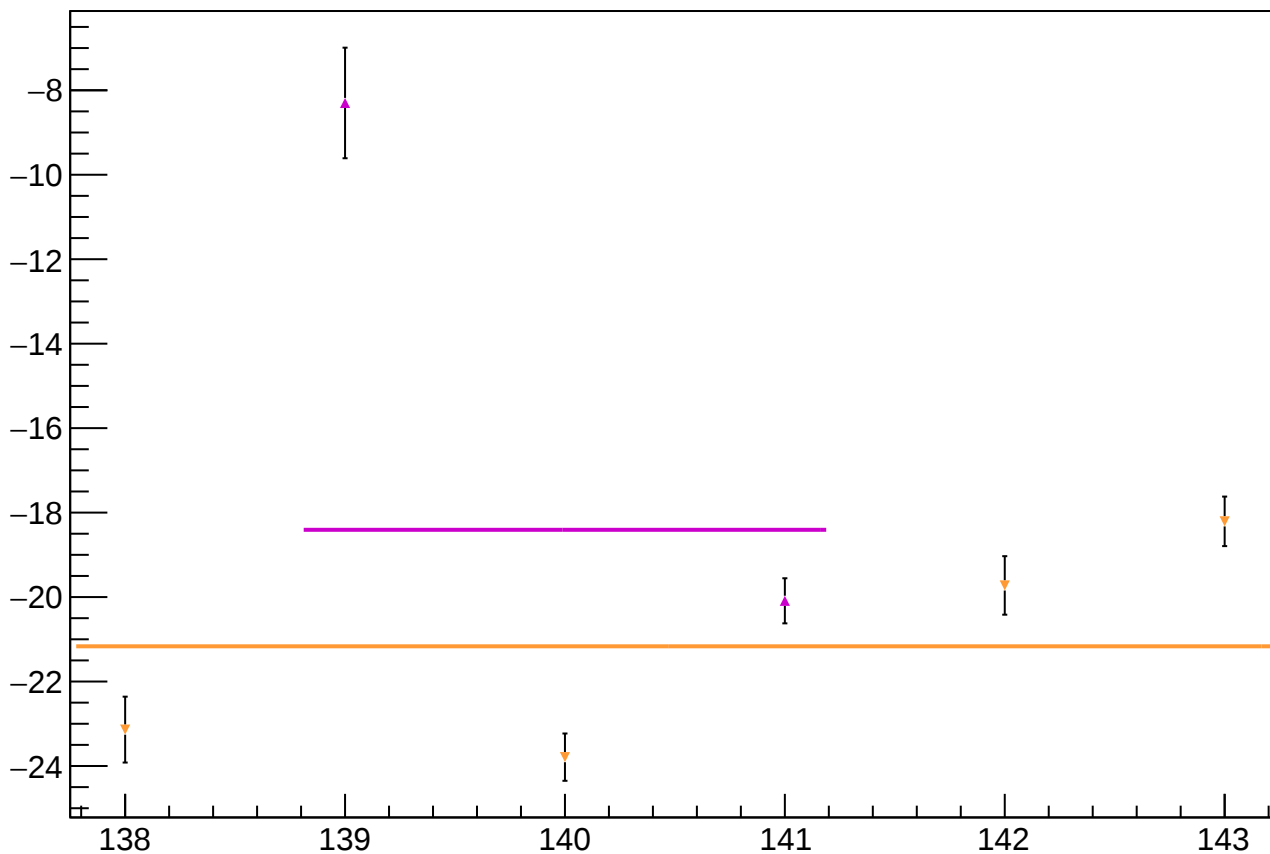
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

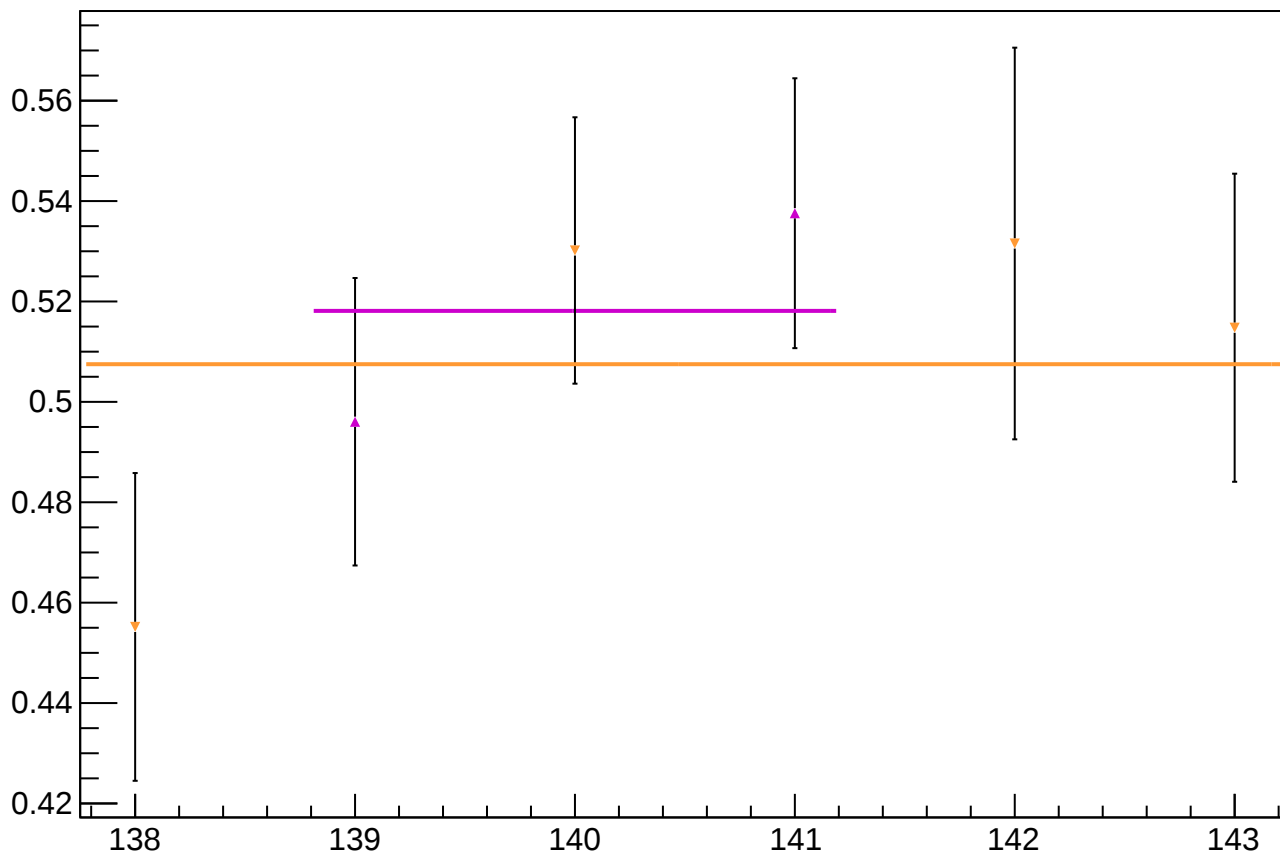
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

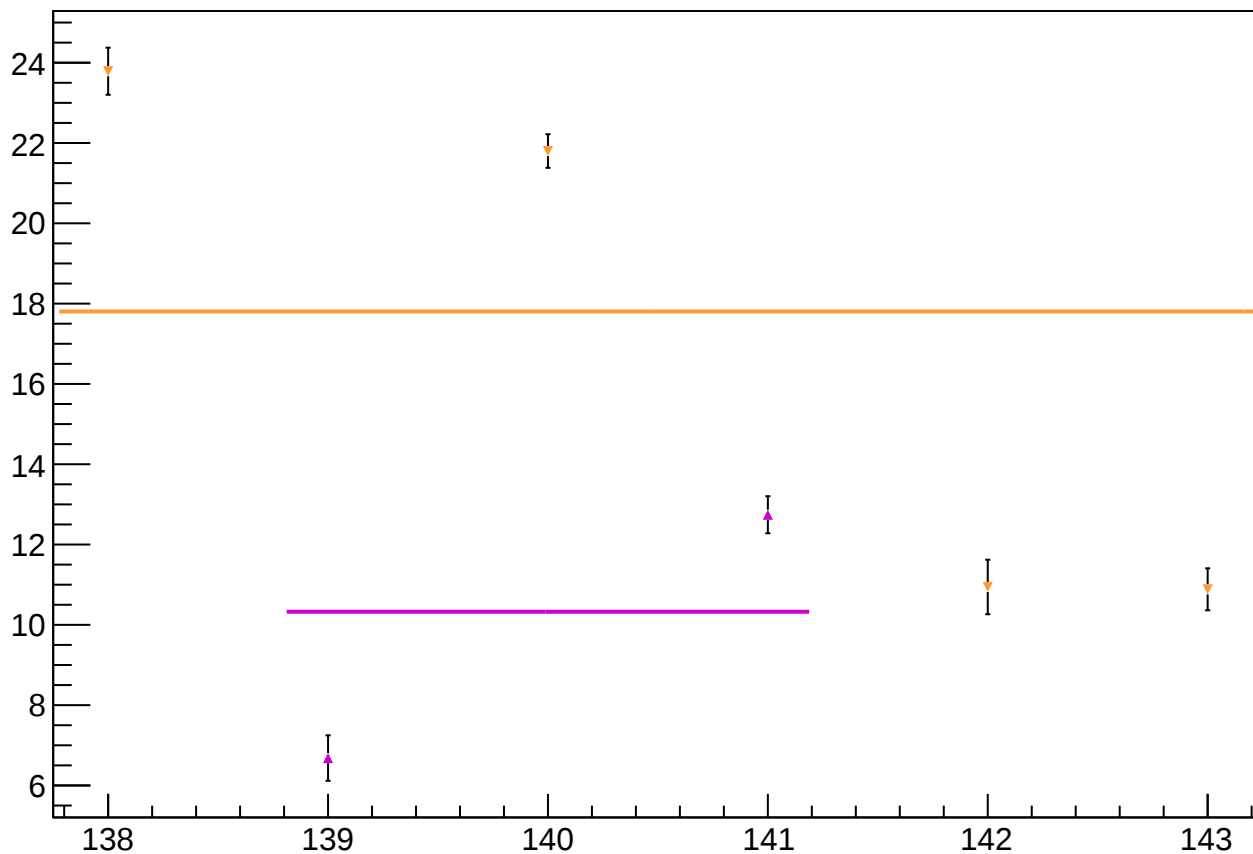
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

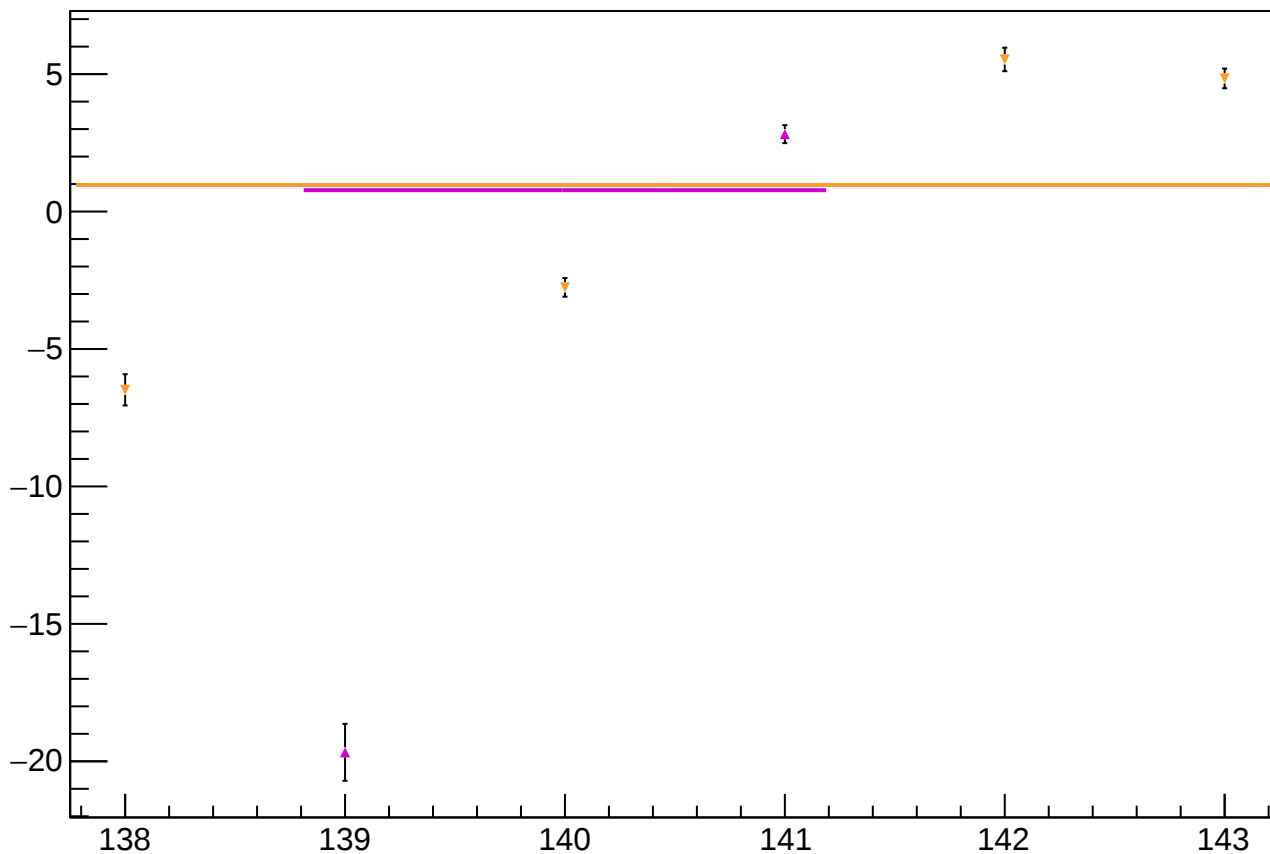
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

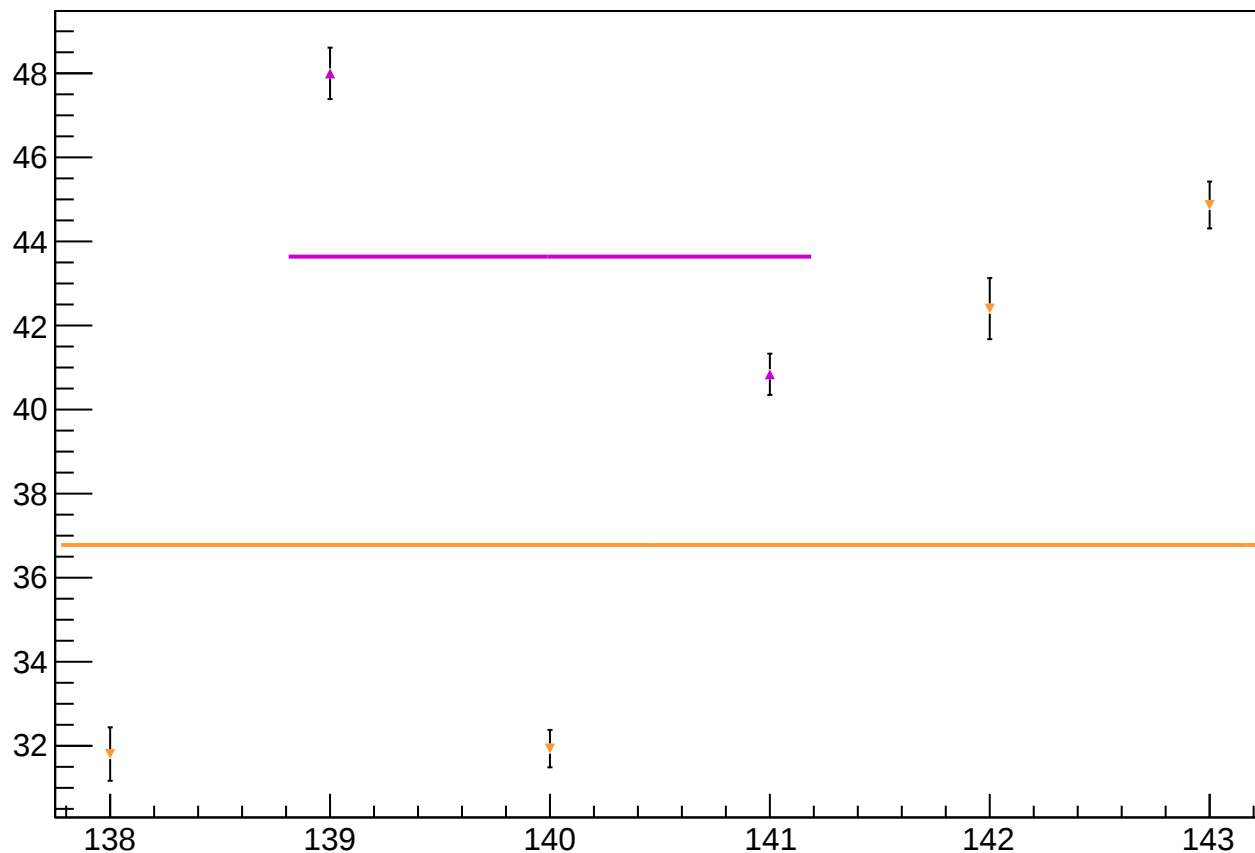
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

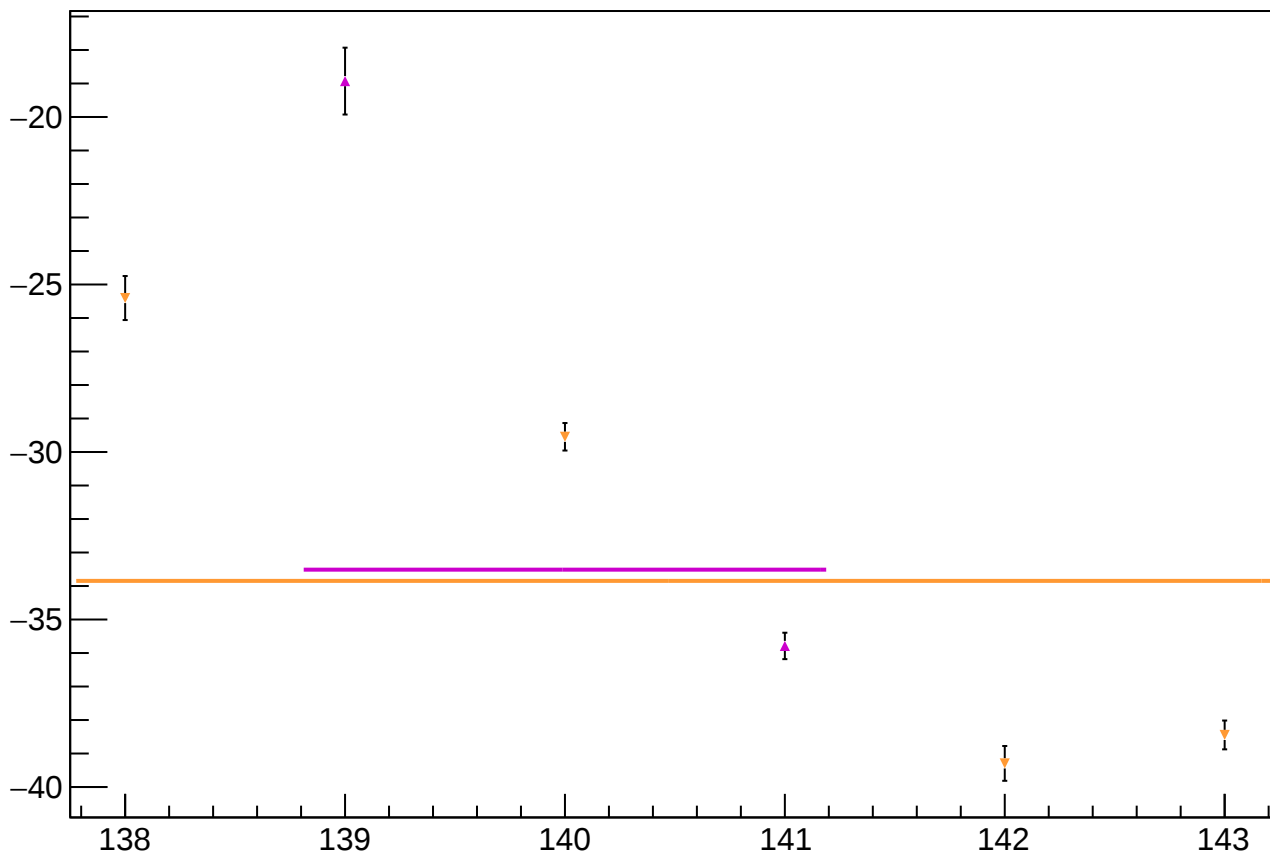
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

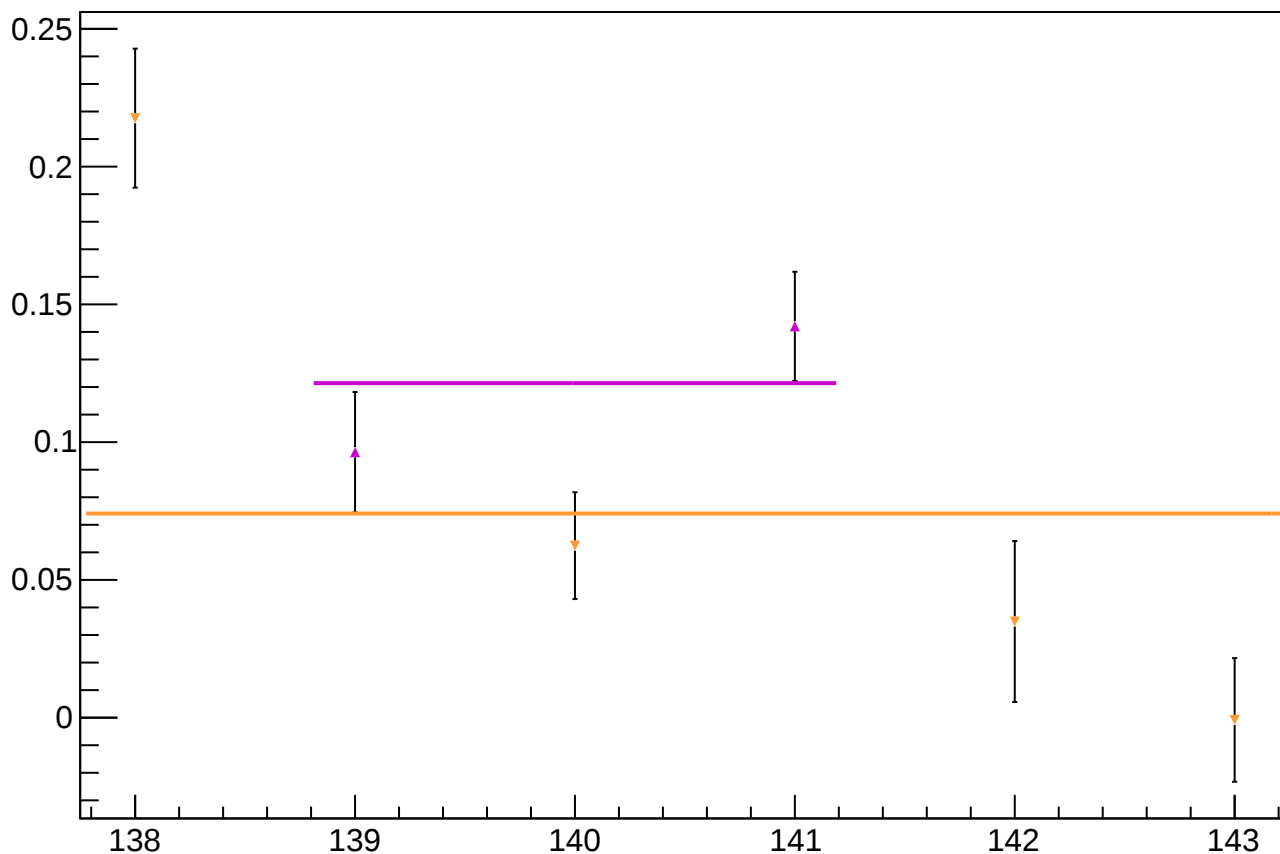
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

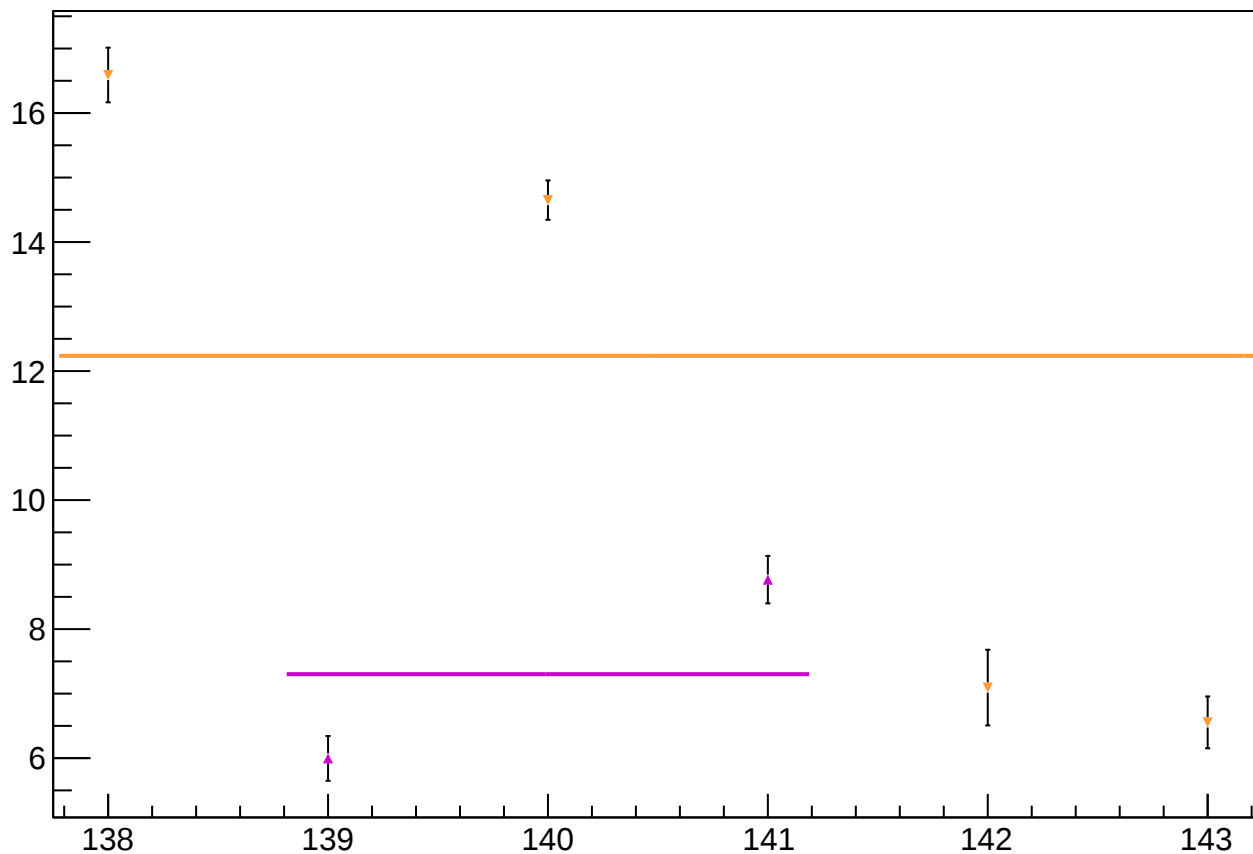
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 12.237 $\pm$ 0.198 χ^2 /NDF:445.0/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 7.302 $\pm$ 0.252 χ^2 /NDF:30.0/1

Left: 10.352 $\pm$ 0.156 χ^2 /NDF: 711.2/5

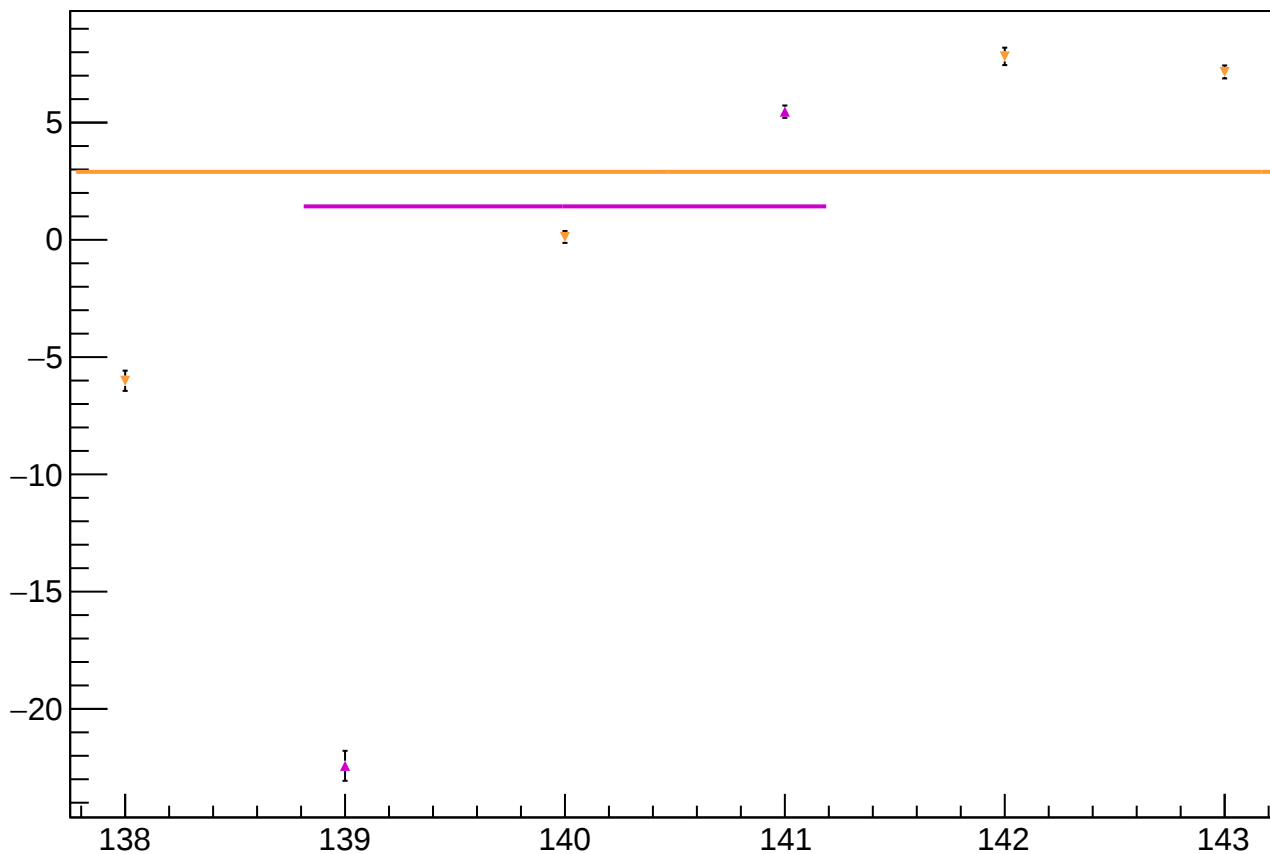
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 7.302 $\pm$ 0.252 χ^2 /NDF:30.0/1

Out: 12.237 $\pm$ 0.198 χ^2 /NDF:445.0/3

All: 10.352 $\pm$ 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

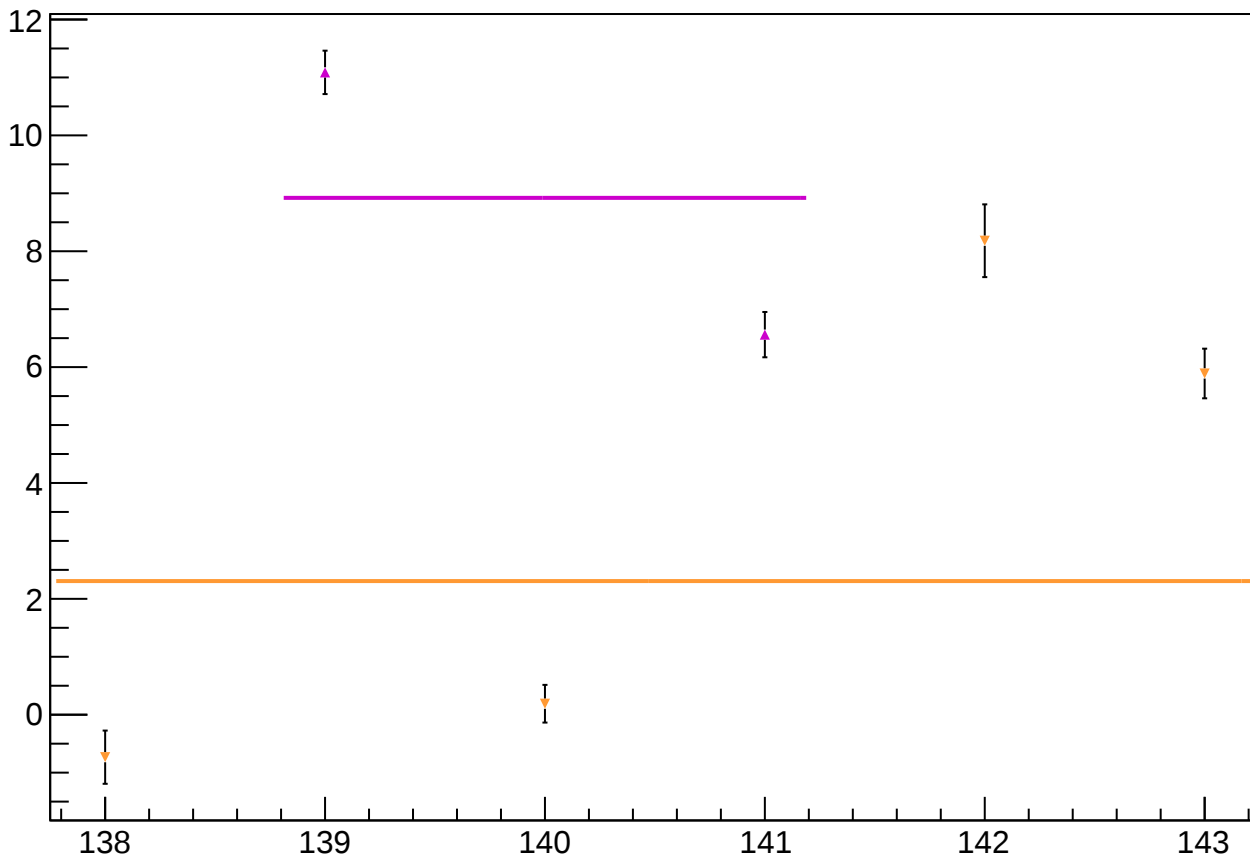
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

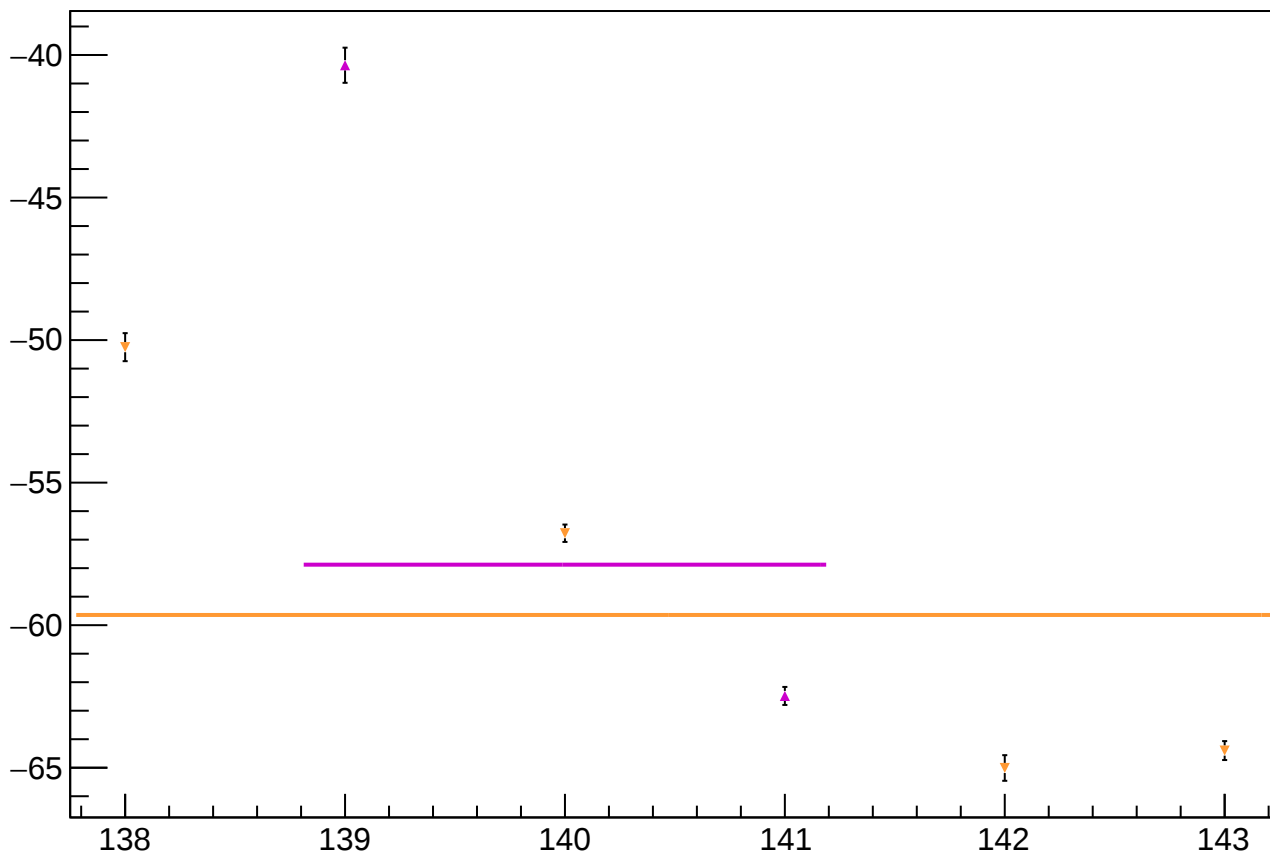
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

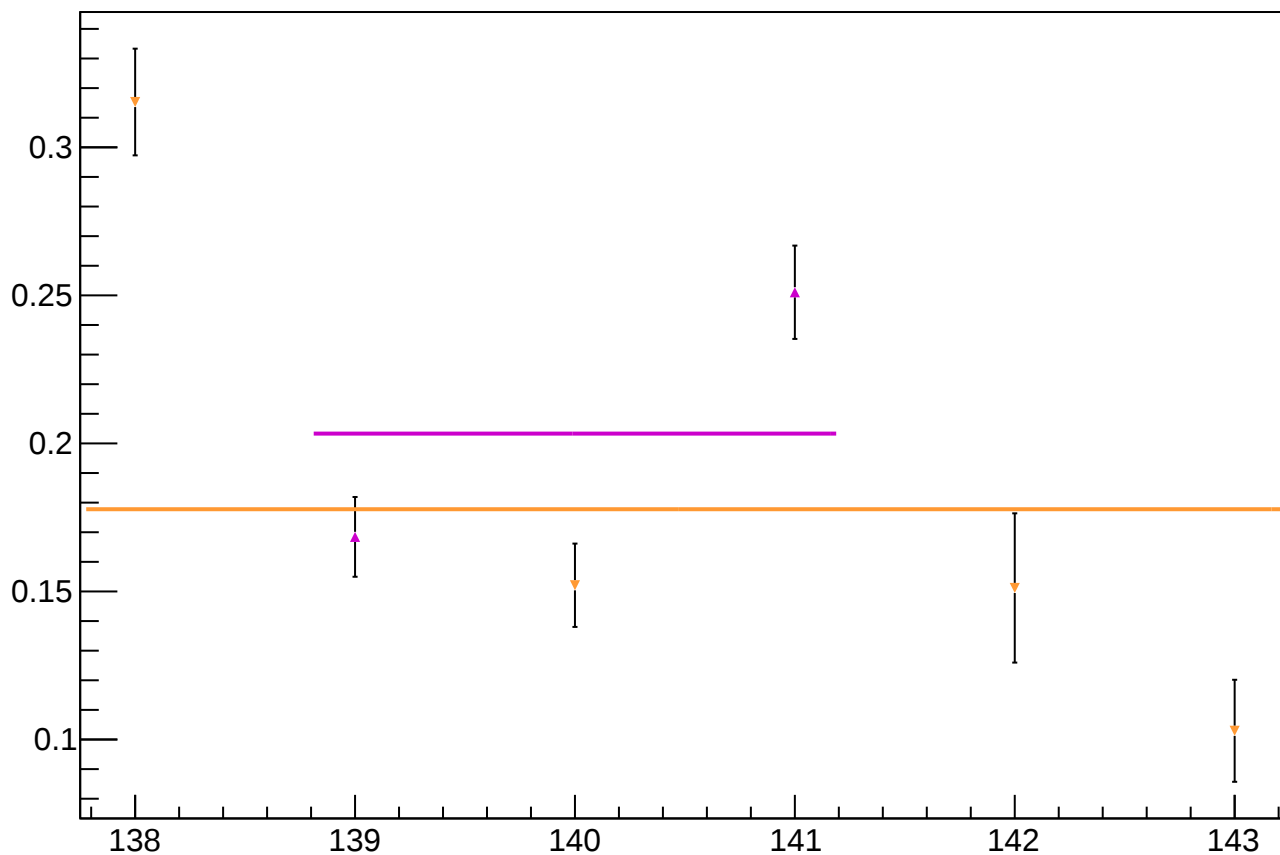
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.178+/-0.009 χ^2/NDF :81.6/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.203+/-0.010 χ^2/NDF :15.9/1

Left: 0.189+/-0.007 χ^2/NDF : 101.1/5

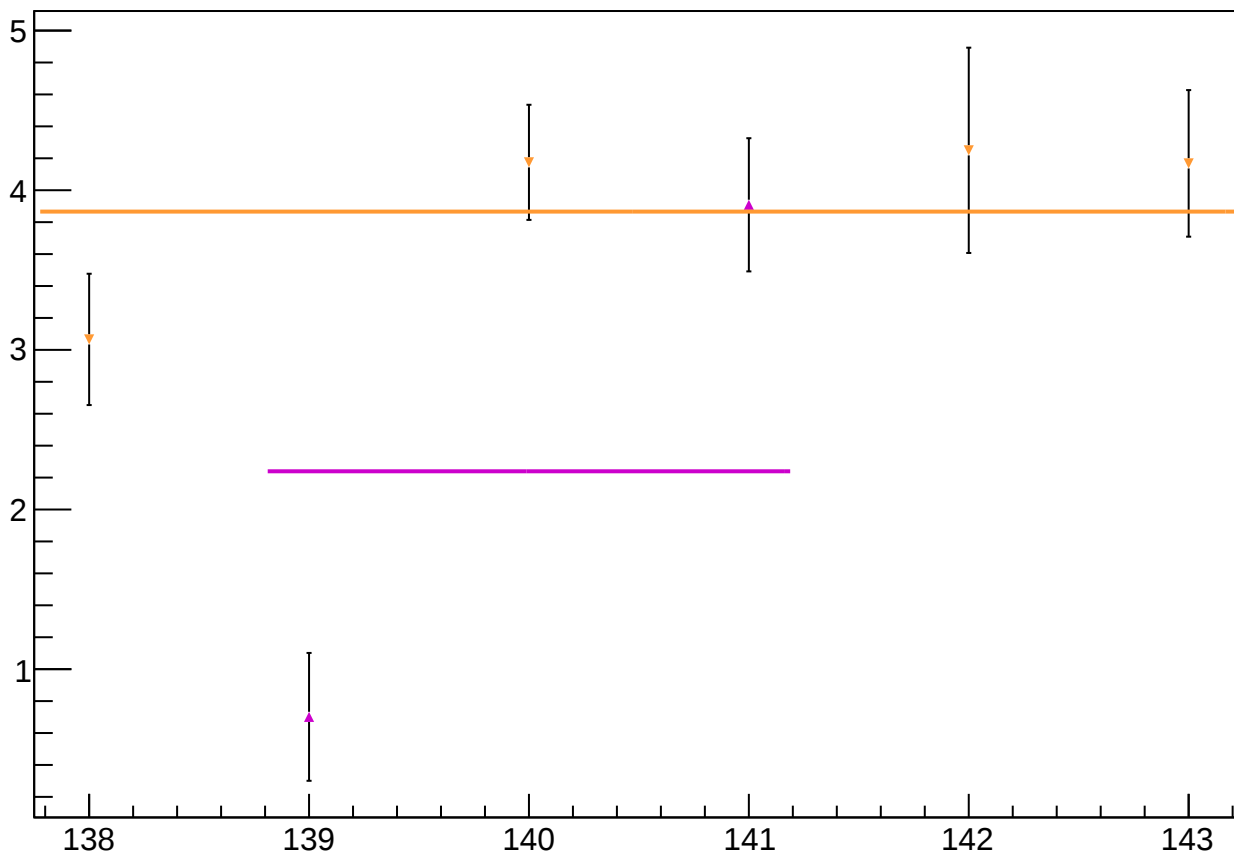
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.203+/-0.010 χ^2/NDF :15.9/1

Out: 0.178+/-0.009 χ^2/NDF :81.6/3

All: 0.189+/-0.007 χ^2/NDF : 101.1/5

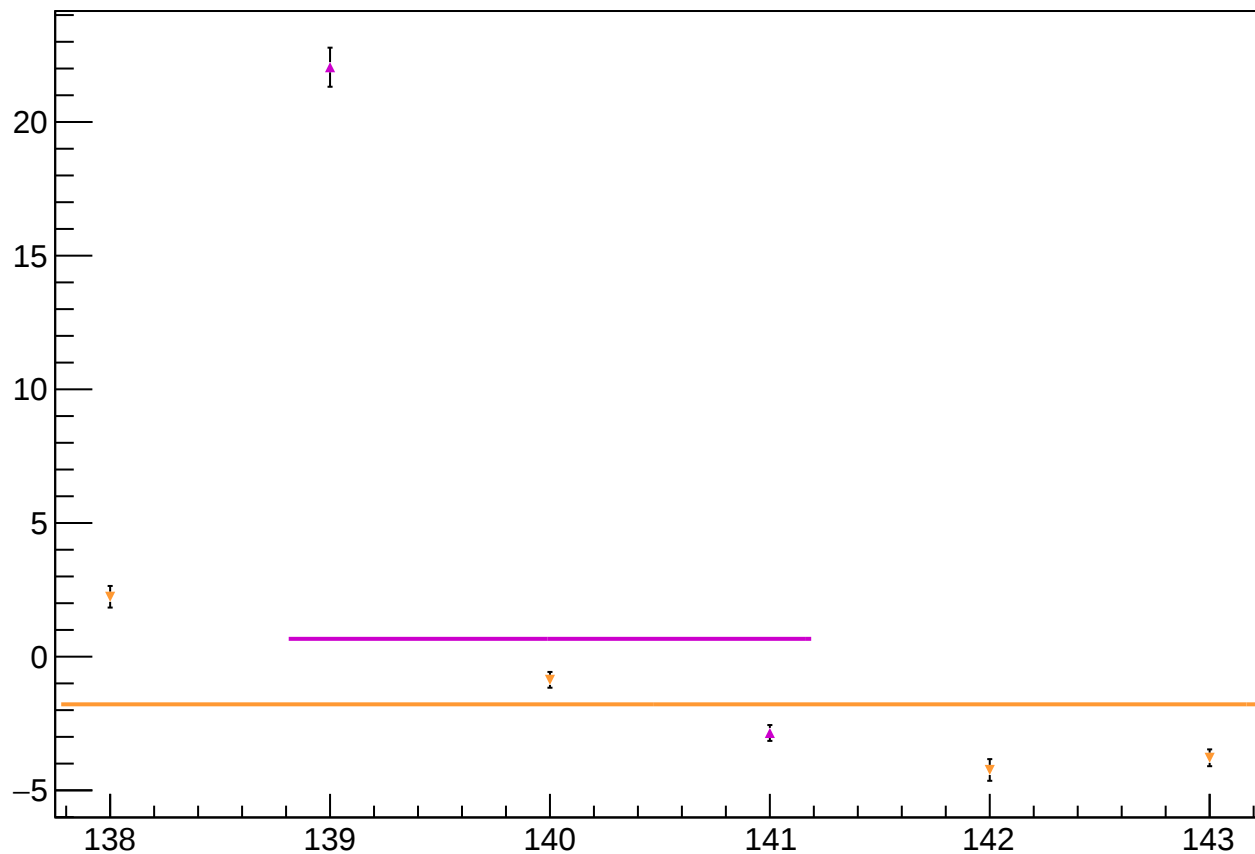
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

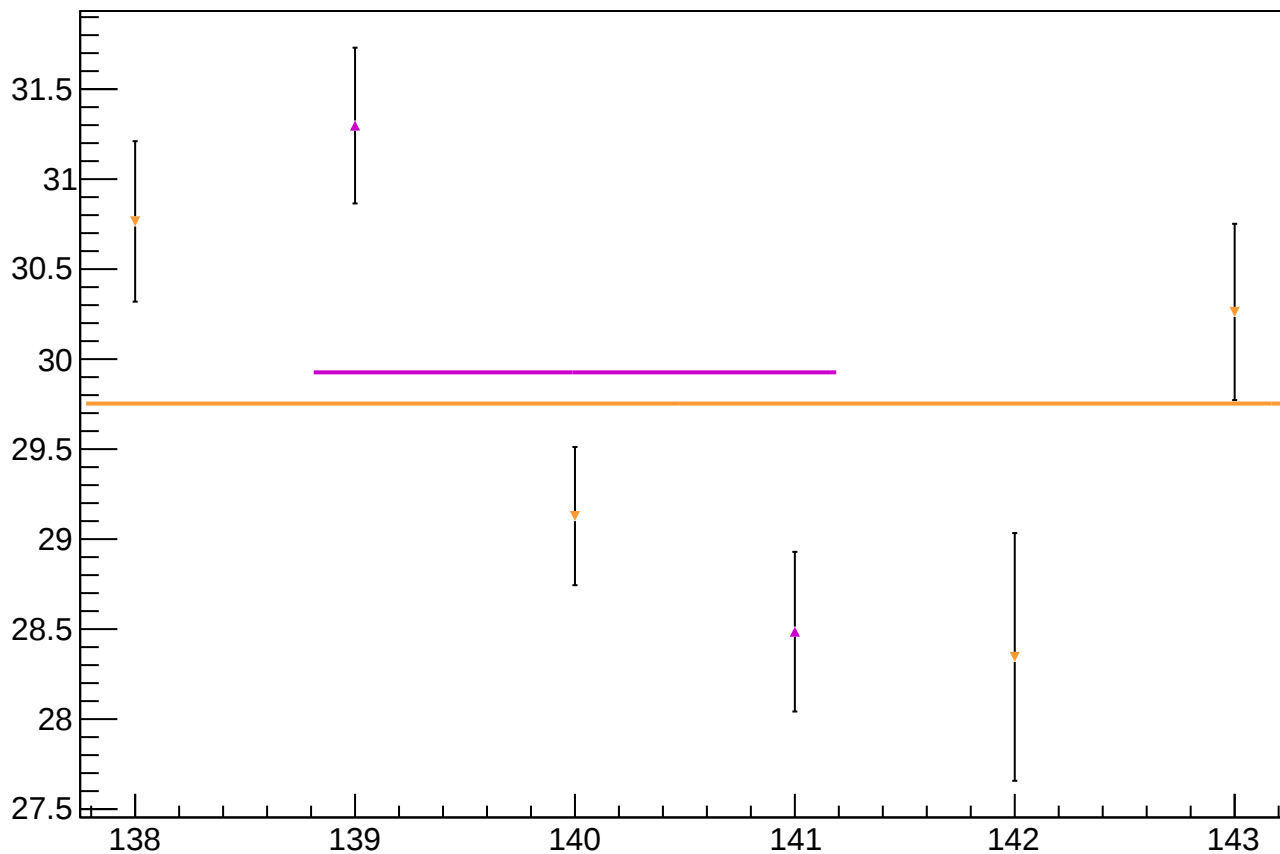
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

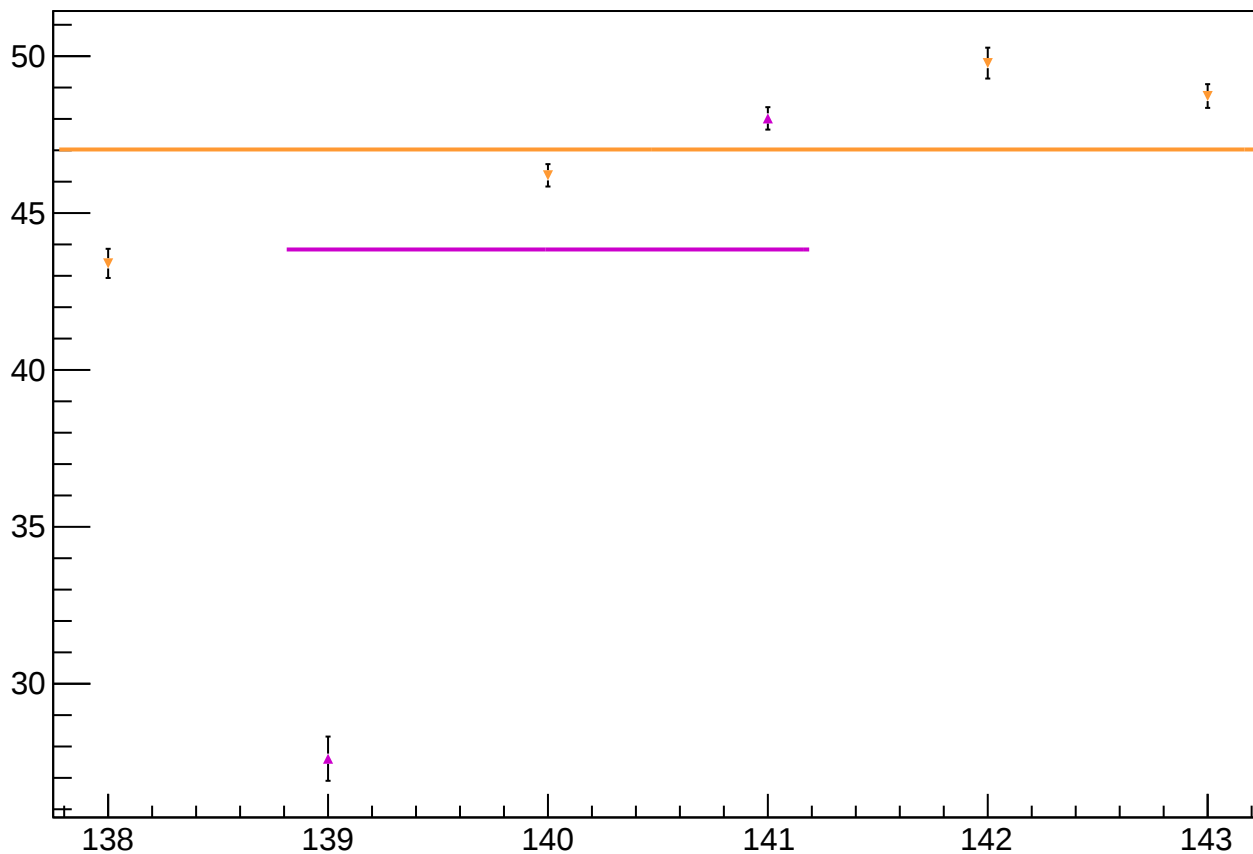
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

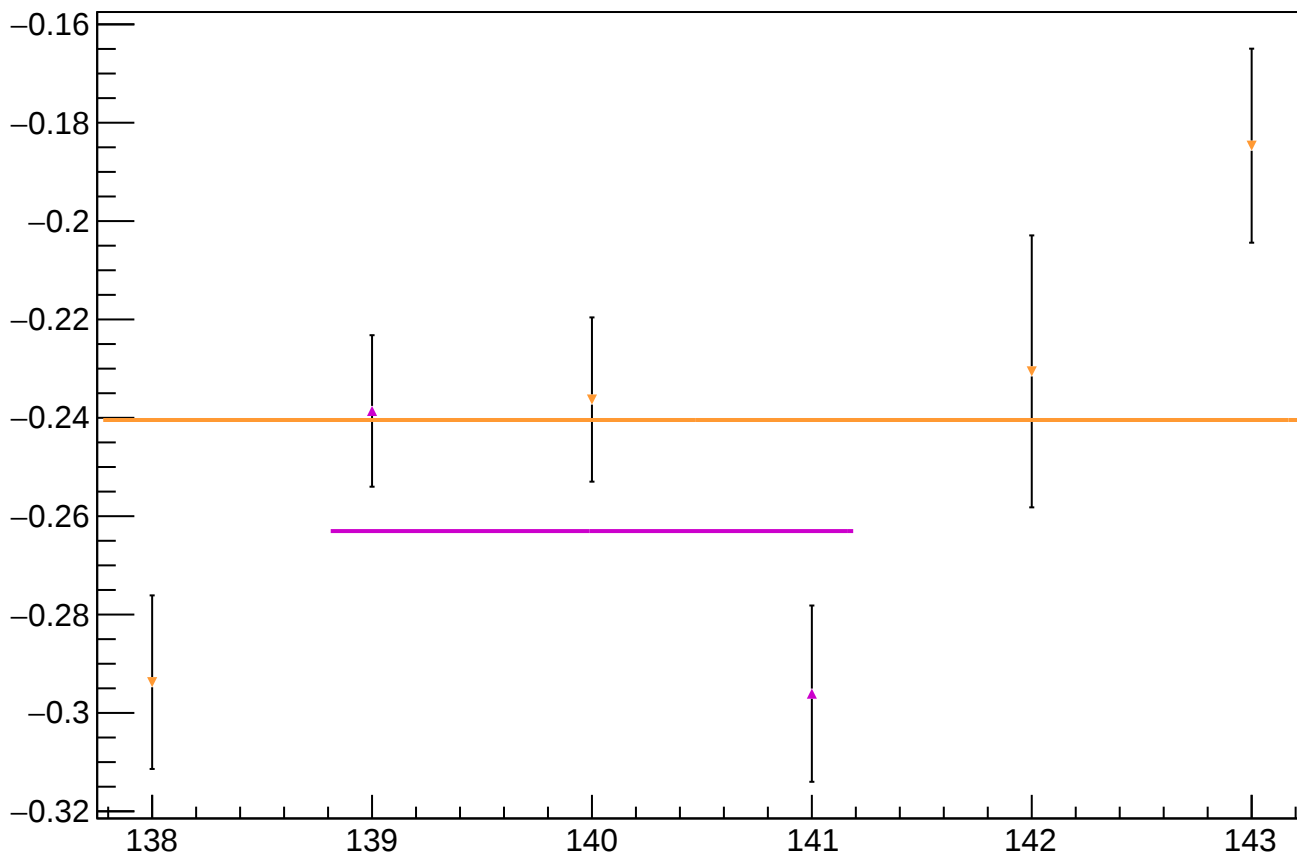
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

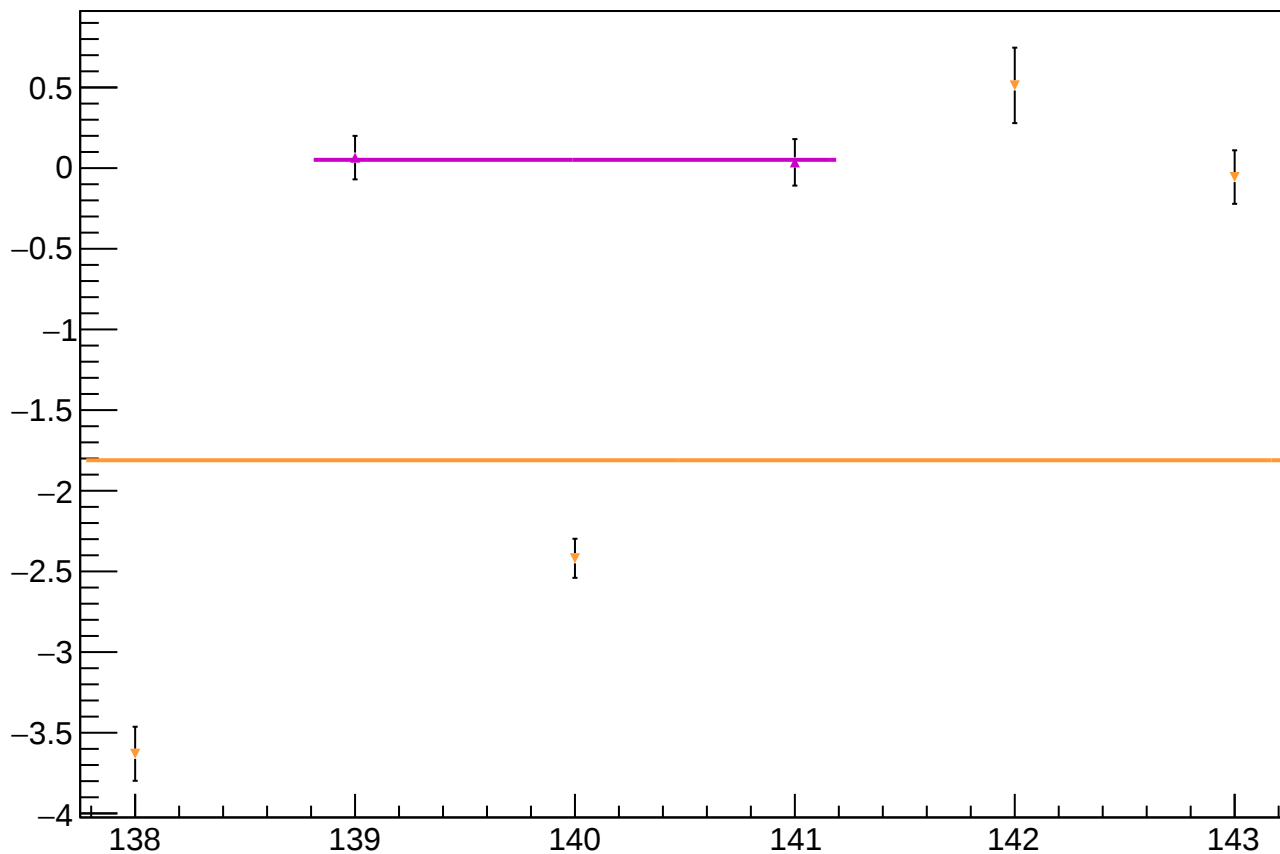
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

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

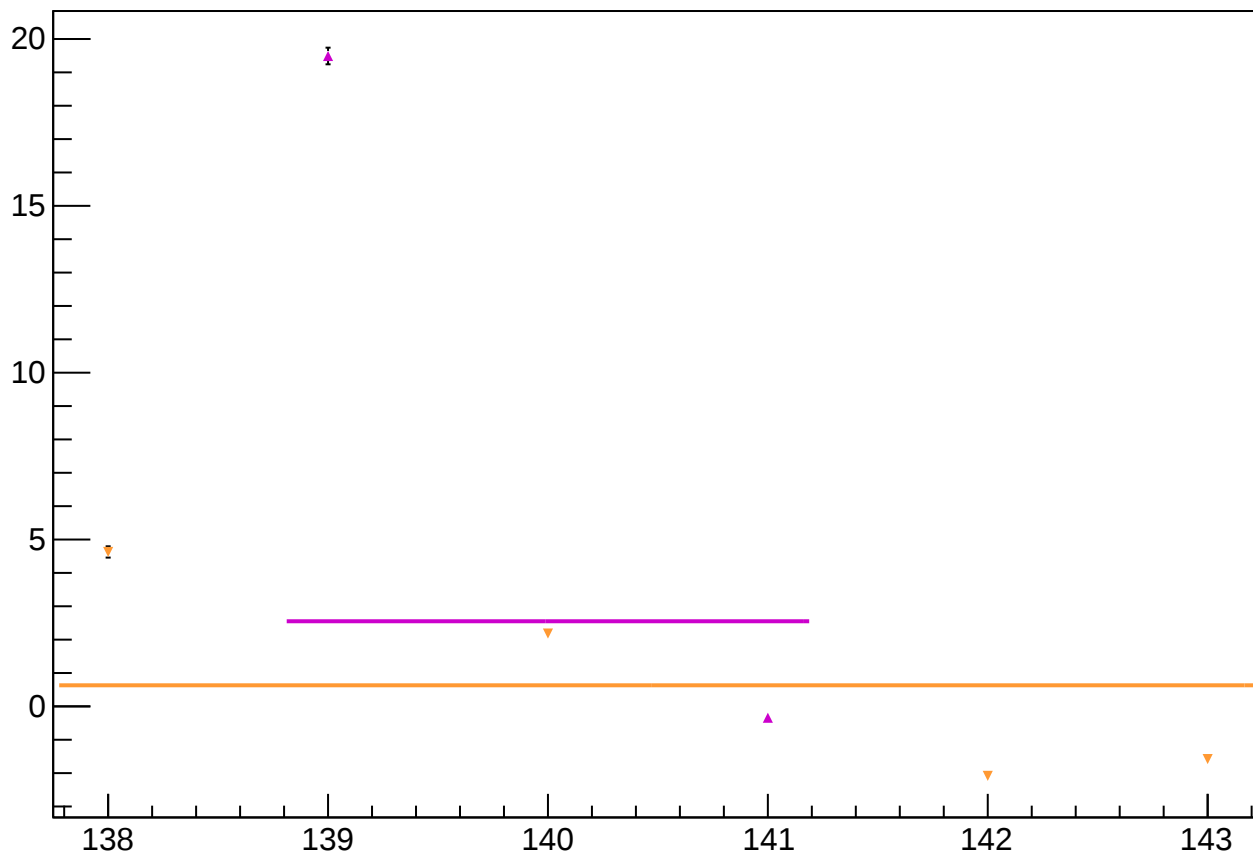
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

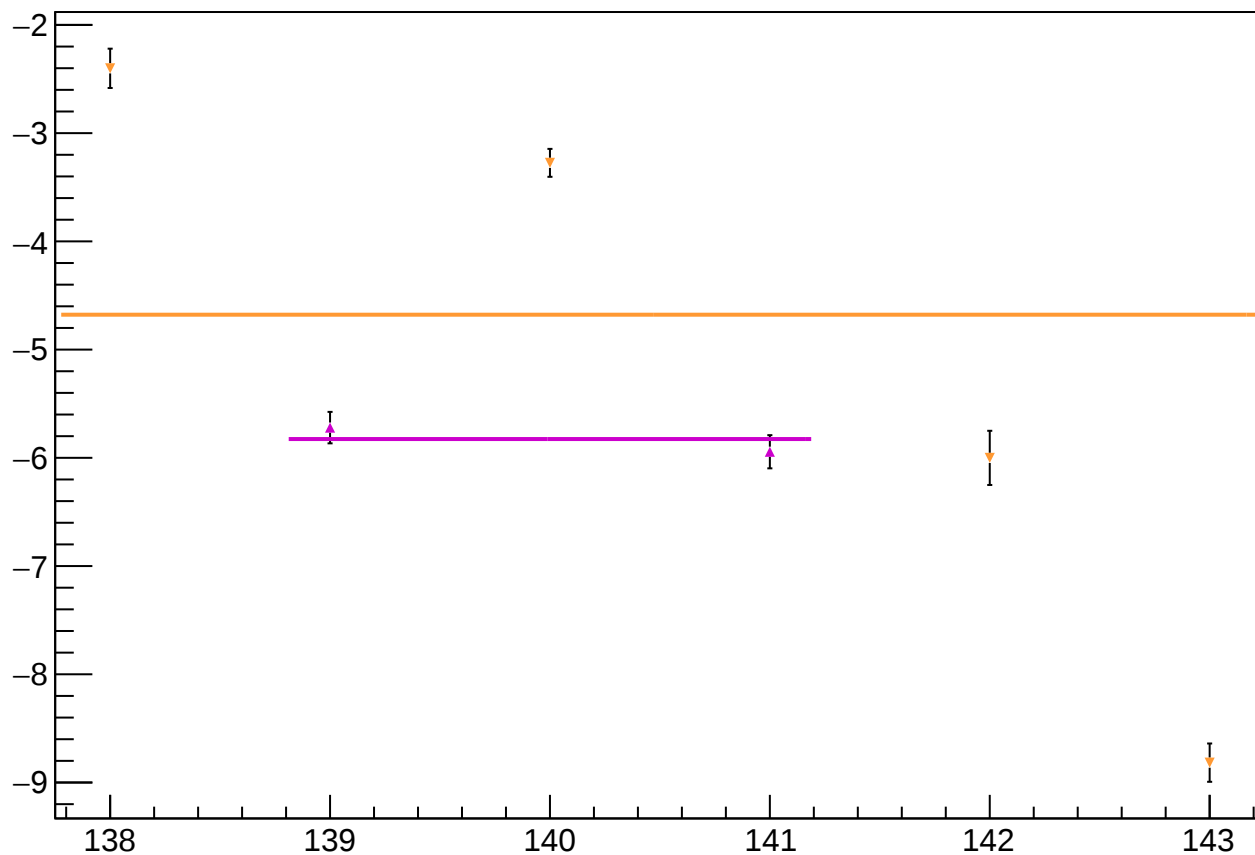
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

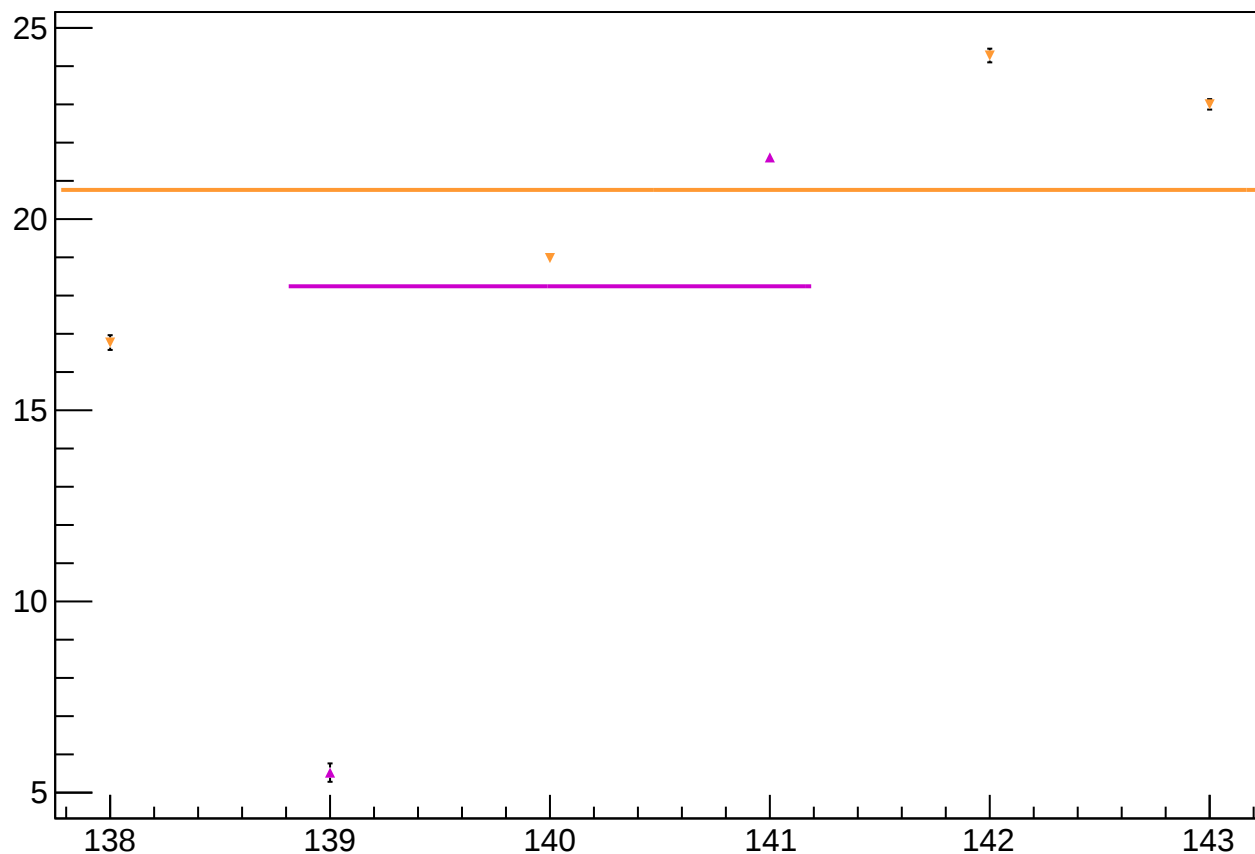
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

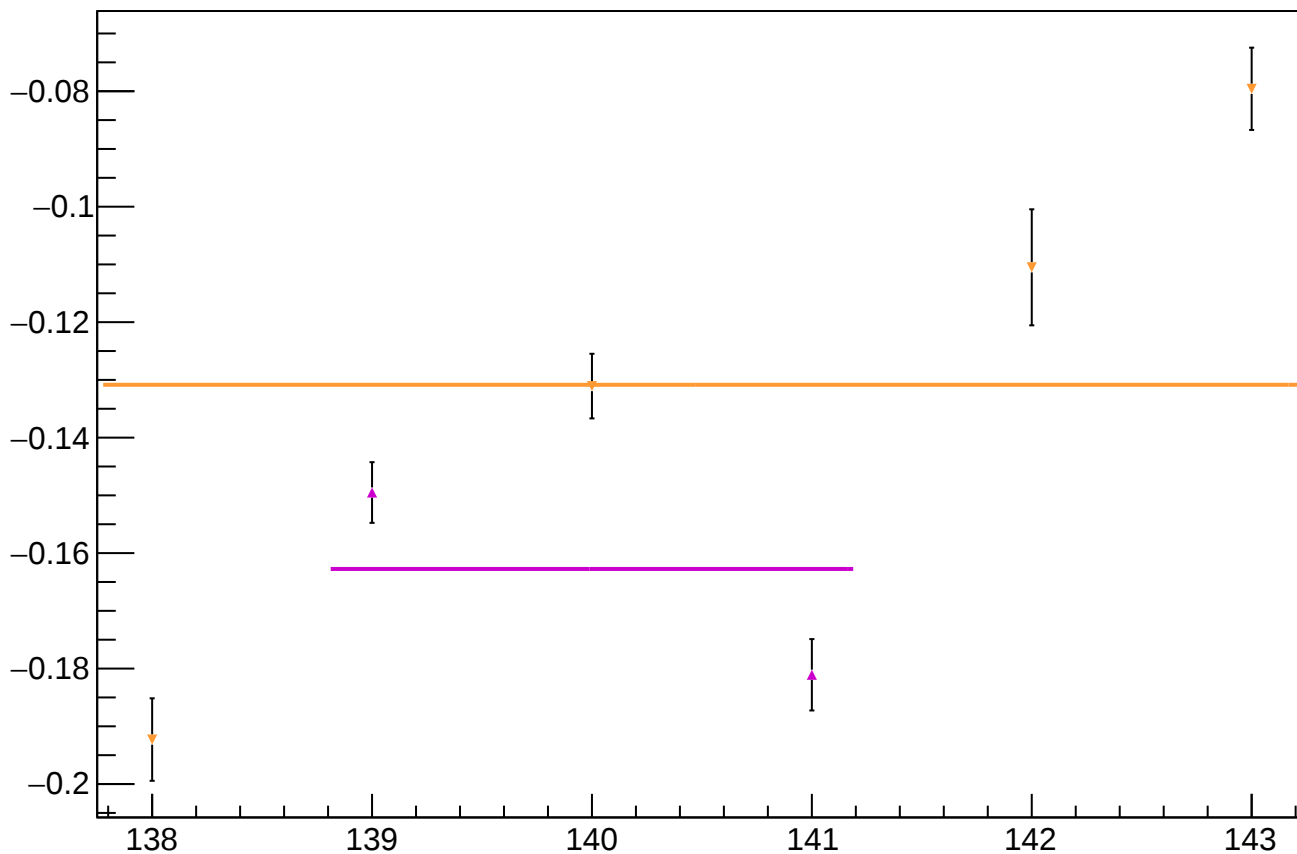
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

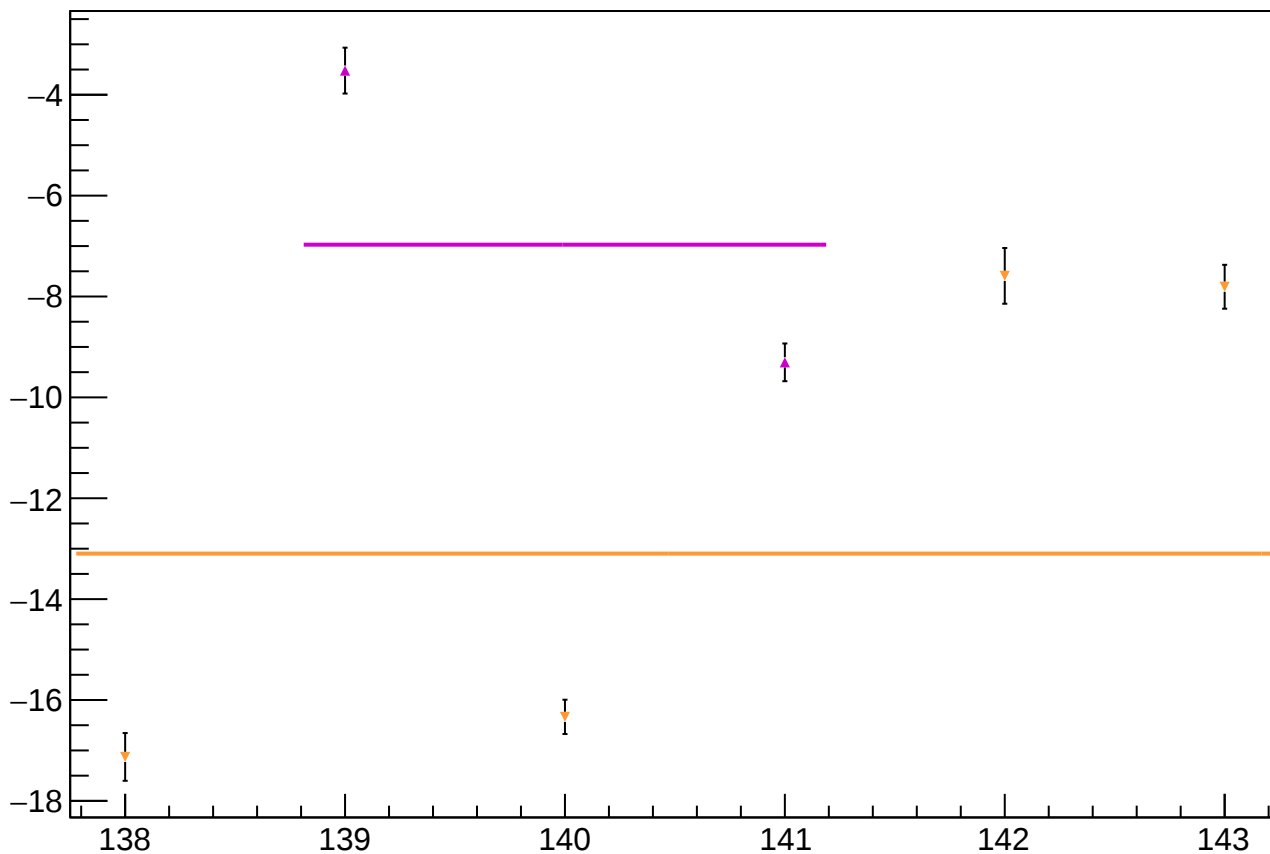
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

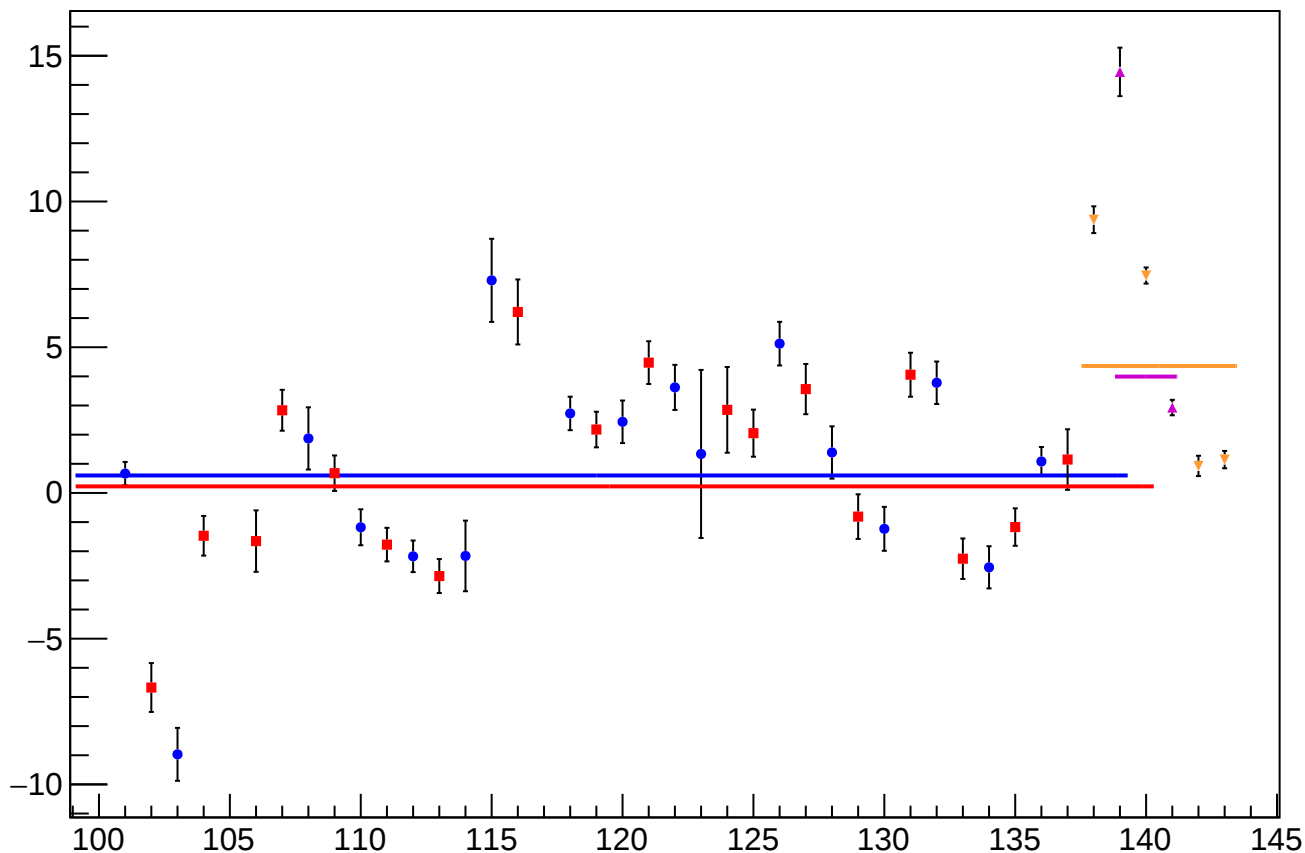
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 4.355 $\pm$ 0.164 χ^2 /NDF:458.8/3

Right Out: 0.225 $\pm$ 0.175 χ^2 /NDF: 273.2/17

Left In: 3.993 $\pm$ 0.253 χ^2 /NDF:174.1/1

Left: 4.248 $\pm$ 0.137 χ^2 /NDF: 634.3/5

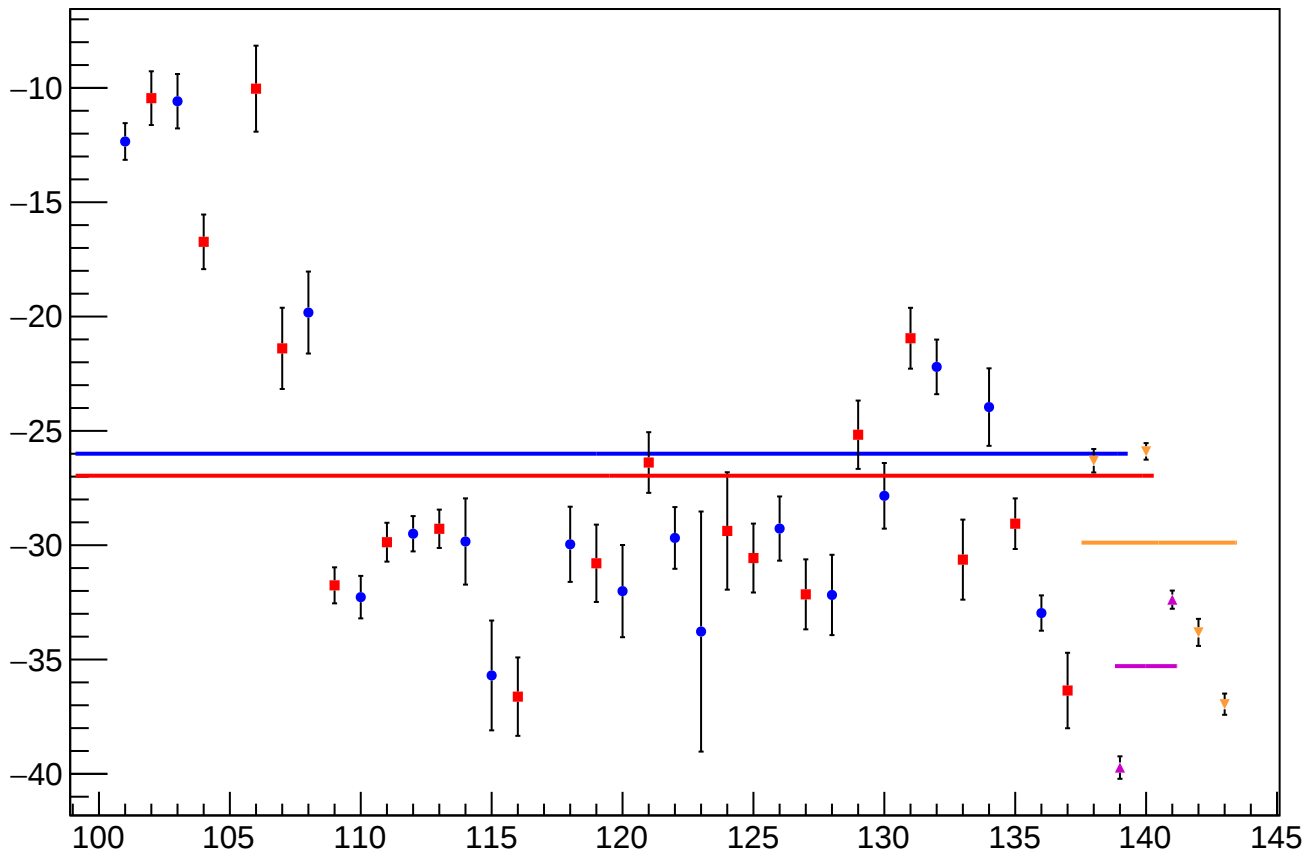
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 1.651 $\pm$ 0.141 χ^2 /NDF:590.5/18

Out: 2.426 $\pm$ 0.119 χ^2 /NDF:1029.6/21

All: 2.101 $\pm$ 0.091 χ^2 /NDF: 1637.8/40

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -29.888 ± 0.230 χ^2/NDF : 446.1/3

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -35.288 ± 0.309 χ^2/NDF : 135.0/1

Left: -31.811 ± 0.184 χ^2/NDF : 777.6/5

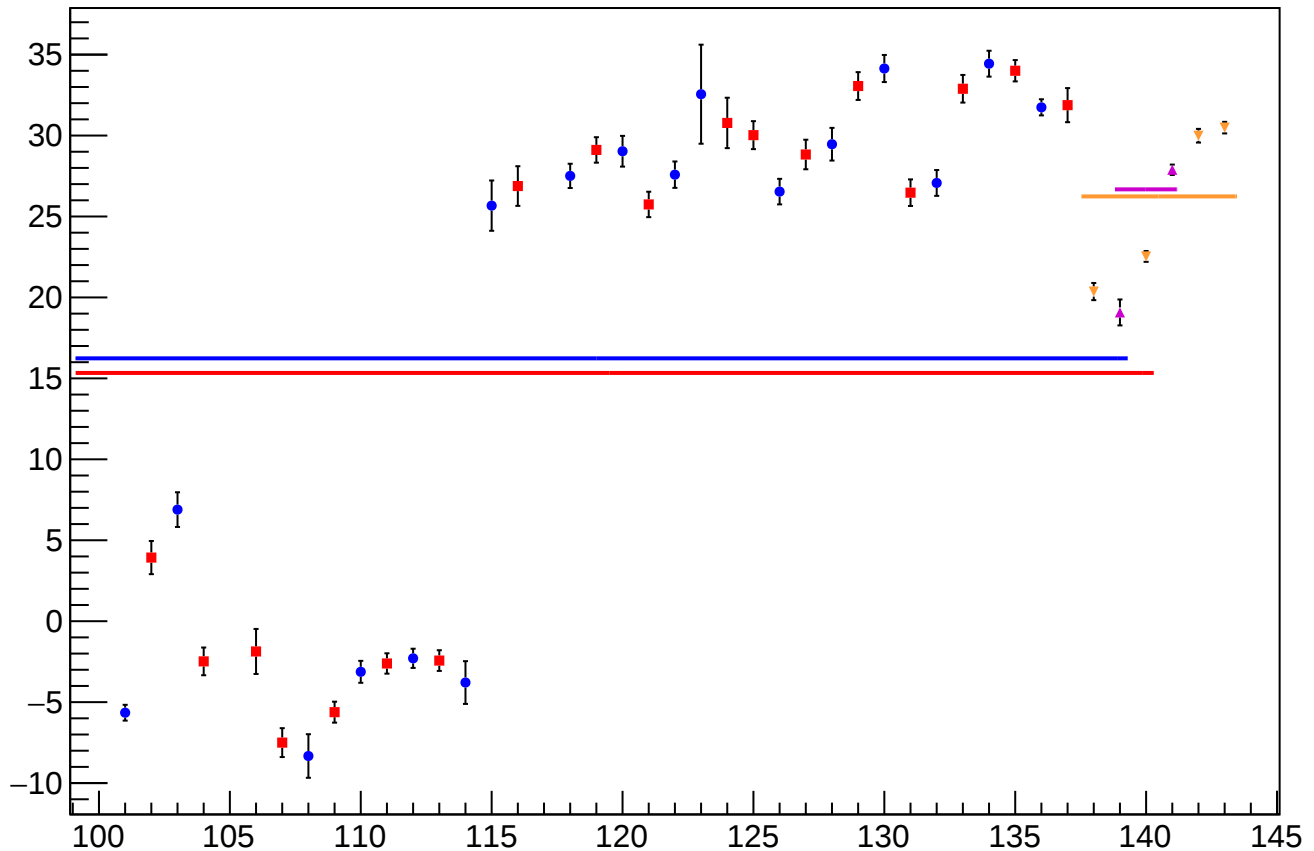
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -30.506 ± 0.215 χ^2/NDF : 1292.5/18

Out: -28.797 ± 0.182 χ^2/NDF : 1042.0/21

All: -29.509 ± 0.139 χ^2/NDF : 2371.3/40

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 26.240 $\pm$ 0.196 χ^2 /NDF:465.5/3

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

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

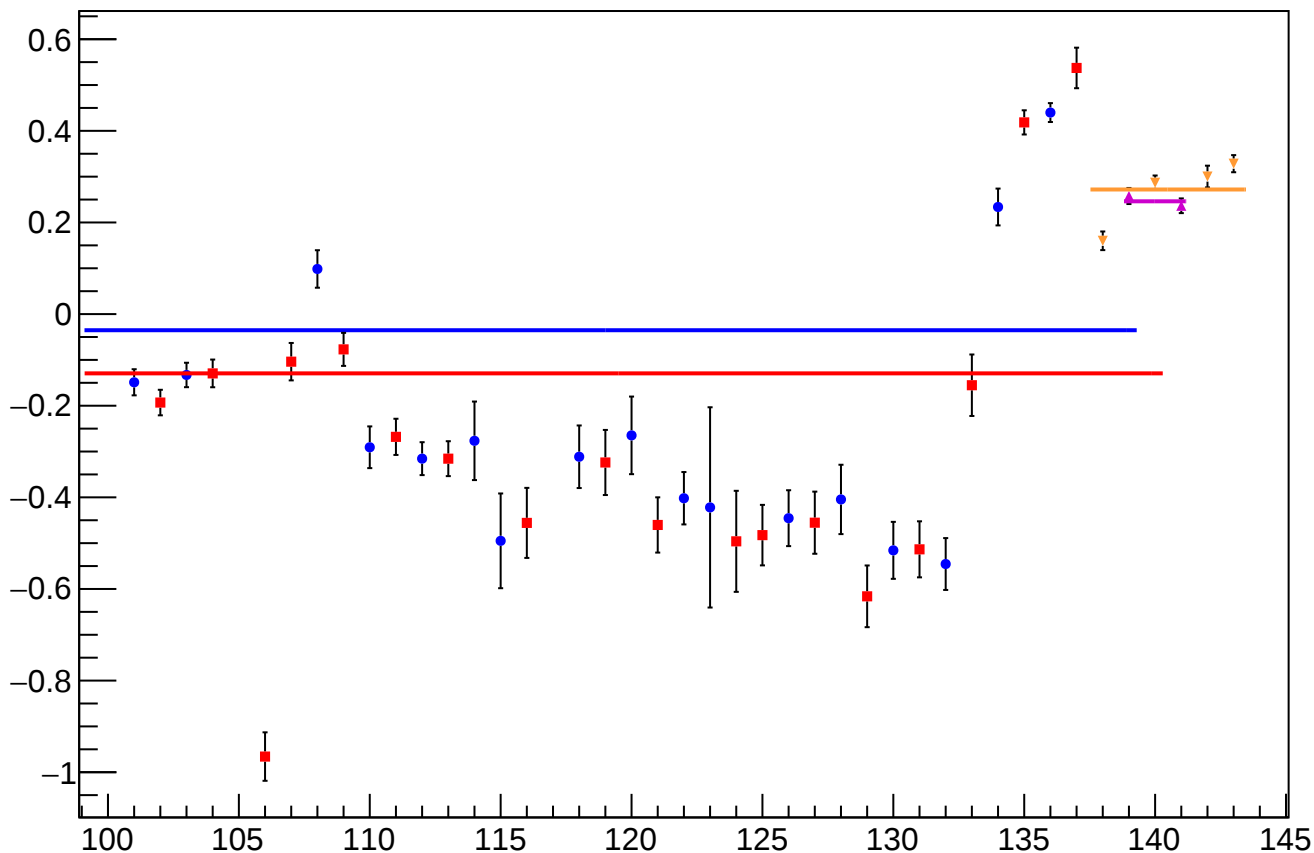
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 19.301 $\pm$ 0.161 χ^2 /NDF:8557.3/18

Out: 20.808 $\pm$ 0.139 χ^2 /NDF:9260.4/21

All: 20.163 $\pm$ 0.105 χ^2 /NDF: 17868.0/40

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 $\chi^2/\text{NDF}: 1013.6/16$

Left Out: 0.272 ± 0.009 $\chi^2/\text{NDF}: 41.7/3$

Right Out: -0.129 ± 0.010 $\chi^2/\text{NDF}: 1161.5/17$

Left In: 0.246 ± 0.012 $\chi^2/\text{NDF}: 0.8/1$

Left: 0.262 ± 0.007 $\chi^2/\text{NDF}: 45.4/5$

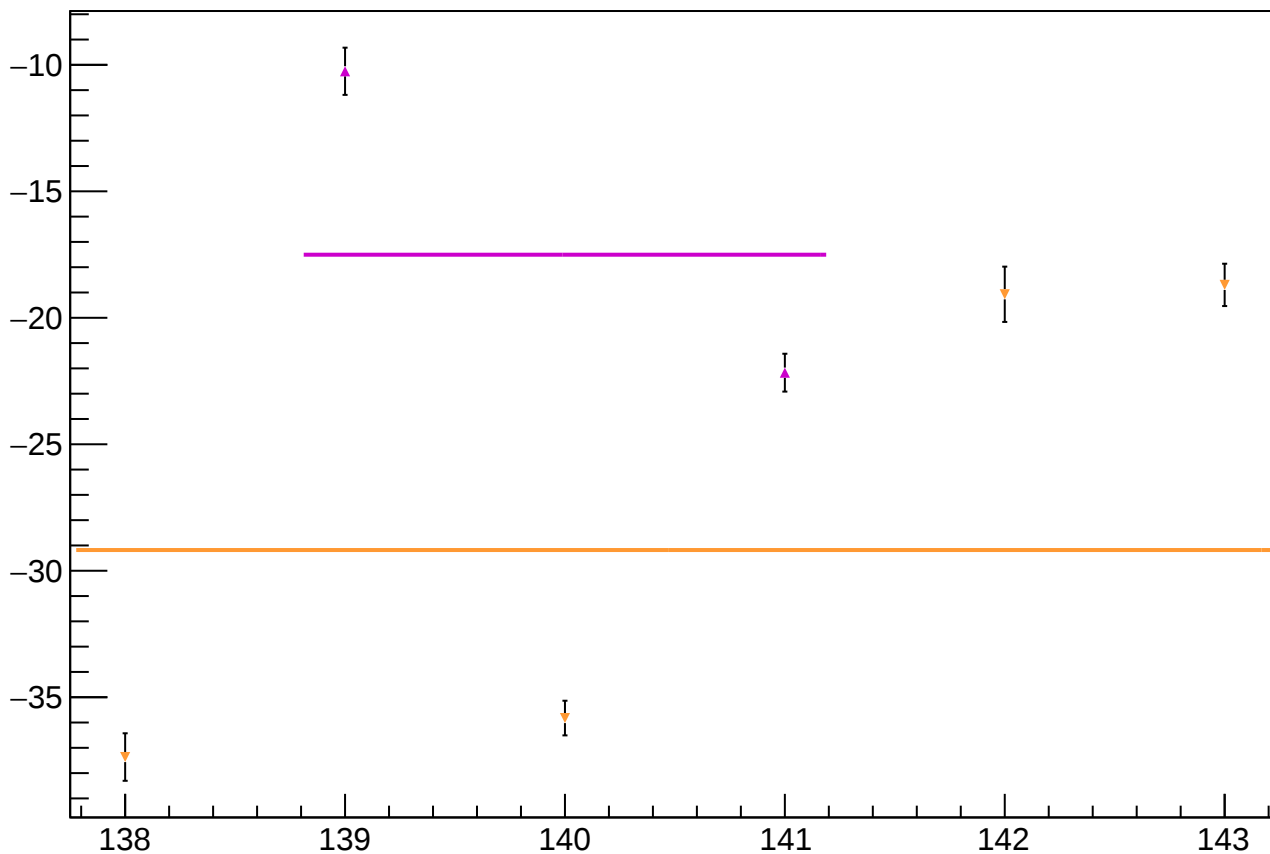
Right: -0.082 ± 0.007 $\chi^2/\text{NDF}: 2216.5/34$

In: 0.086 ± 0.008 $\chi^2/\text{NDF}: 1335.4/18$

Out: 0.089 ± 0.007 $\chi^2/\text{NDF}: 2016.2/21$

All: 0.088 ± 0.005 $\chi^2/\text{NDF}: 3351.7/40$

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

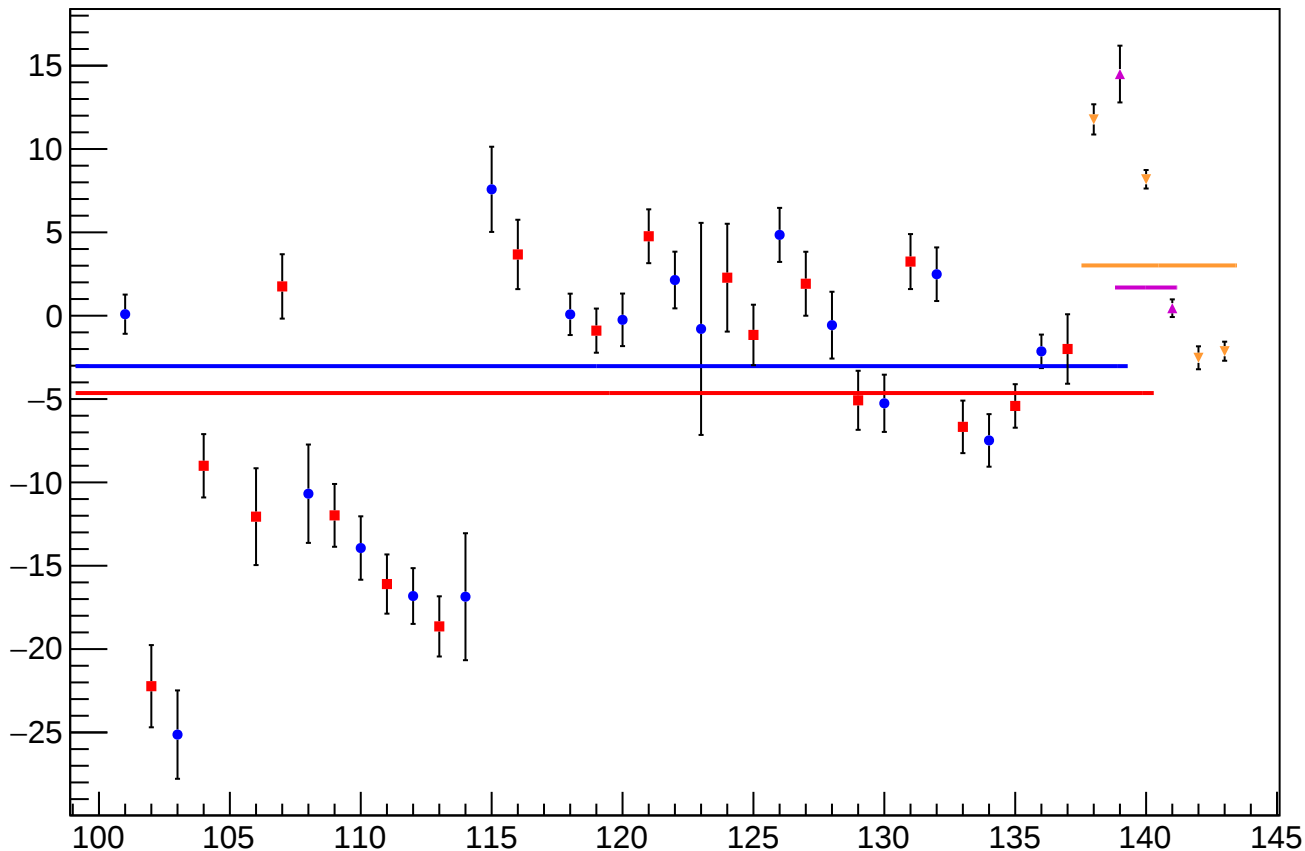
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 1.691 ± 0.506 χ^2/NDF : 62.0/1

Left: 2.633 ± 0.272 χ^2/NDF : 392.7/5

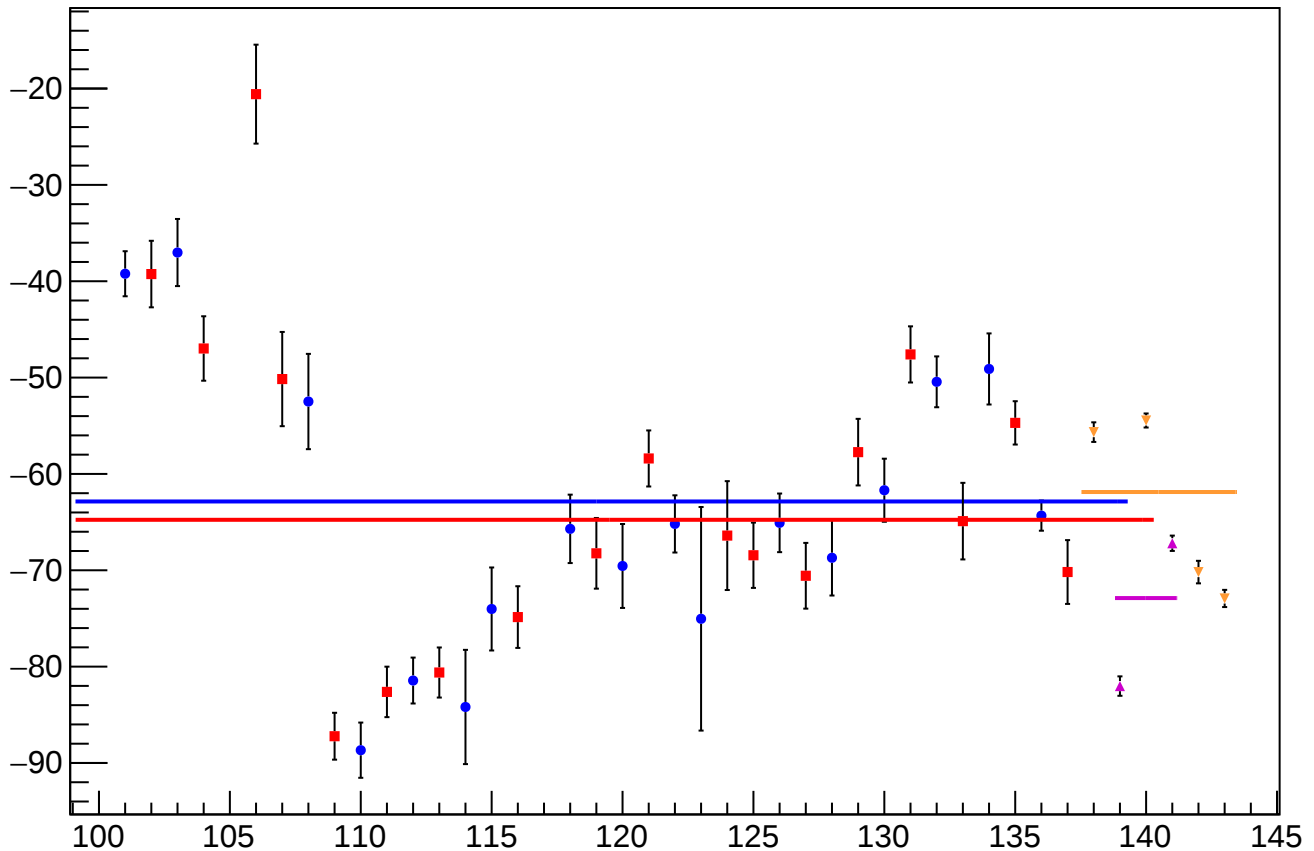
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -1.167 ± 0.318 χ^2/NDF : 395.3/18

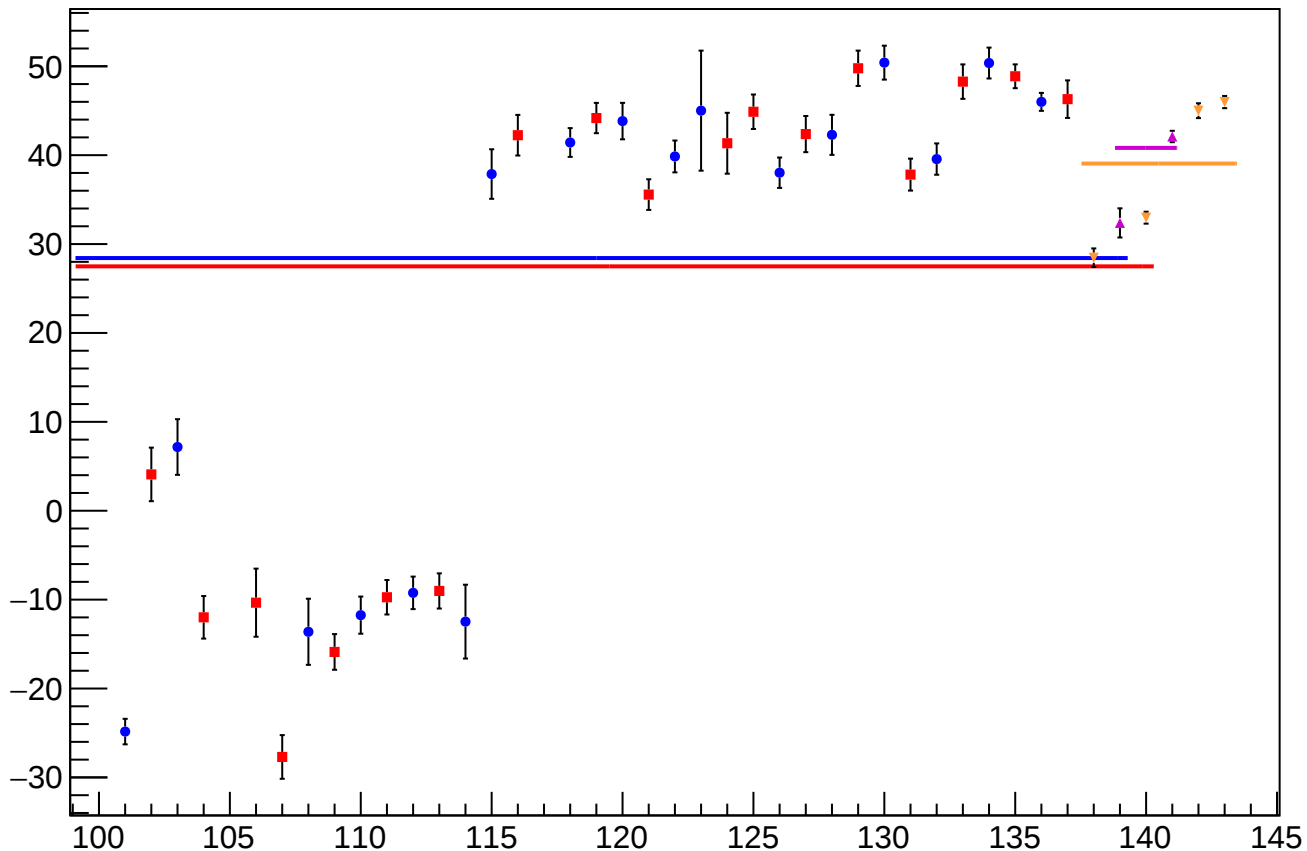
Out: 0.234 ± 0.257 χ^2/NDF : 825.7/21

All: -0.321 ± 0.200 χ^2/NDF : 1232.7/40

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

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

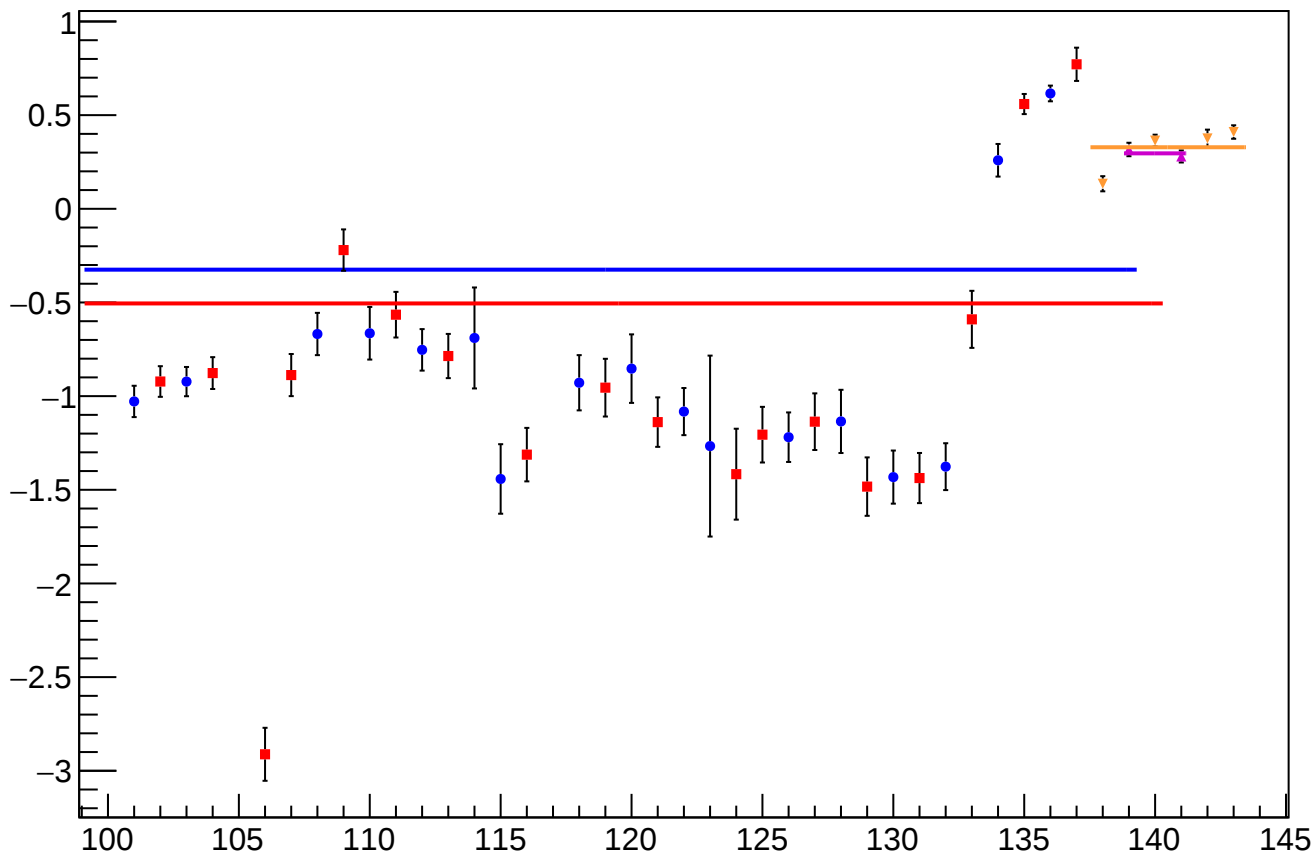
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 33.026 $\pm$ 0.363 χ^2 /NDF:3624.9/18

Out: 34.482 $\pm$ 0.301 χ^2 /NDF:3716.4/21

All: 33.889 $\pm$ 0.232 χ^2 /NDF: 7350.8/40

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.329 ± 0.019 χ^2/NDF : 30.6/3

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.296 ± 0.024 χ^2/NDF : 0.6/1

Left: 0.316 ± 0.015 χ^2/NDF : 32.3/5

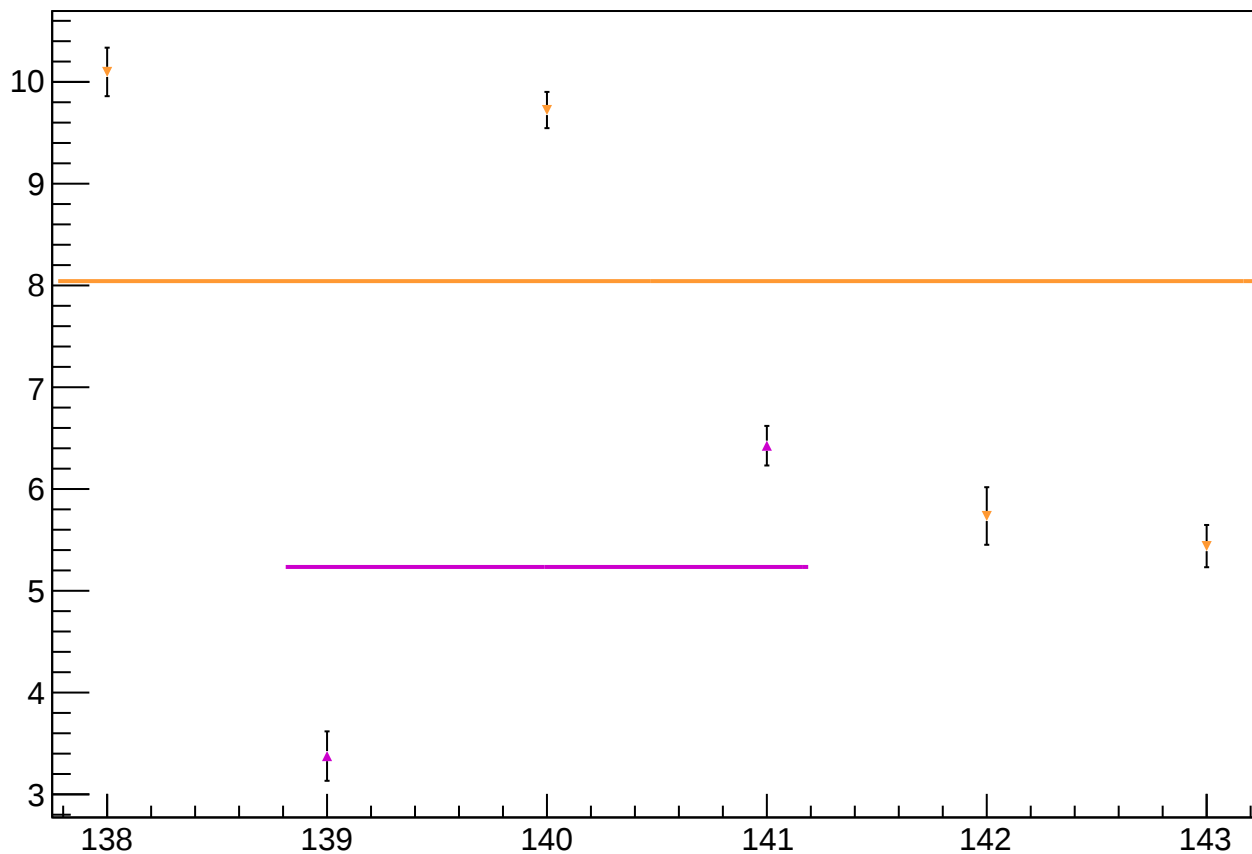
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: -0.002 ± 0.017 χ^2/NDF : 1335.0/18

Out: 0.039 ± 0.015 χ^2/NDF : 1877.2/21

All: 0.021 ± 0.011 χ^2/NDF : 3215.4/40

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

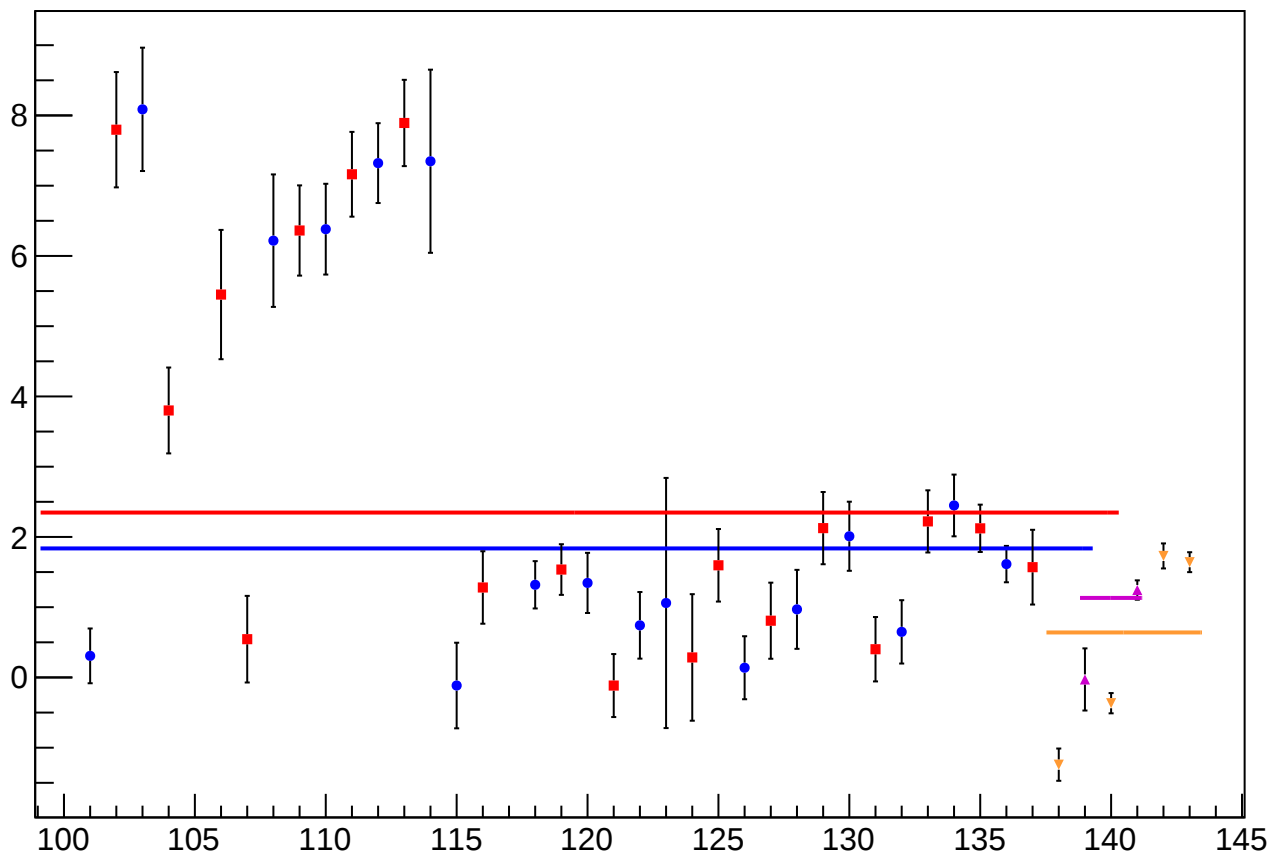
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.116 χ^2/NDF : 294.1/16

Left Out: 0.640 $\pm$ 0.082 χ^2/NDF :203.1/3

Right Out: 2.347 $\pm$ 0.123 χ^2/NDF : 329.8/17

Left In: 1.132 $\pm$ 0.131 χ^2/NDF :7.6/1

Left: 0.778 $\pm$ 0.070 χ^2/NDF : 220.7/5

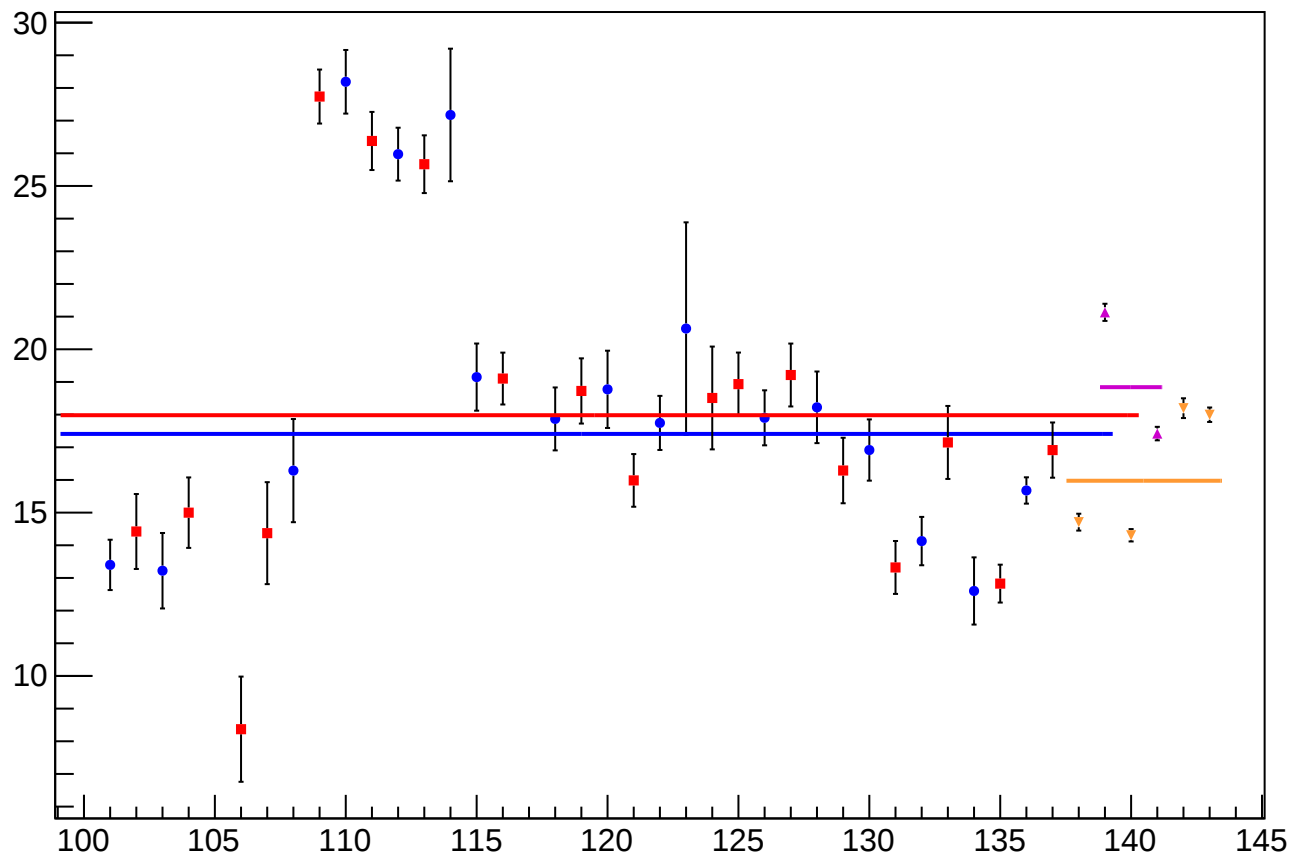
Right: 2.078 $\pm$ 0.084 χ^2/NDF : 633.0/34

In: 1.528 $\pm$ 0.087 χ^2/NDF :317.8/18

Out: 1.169 $\pm$ 0.068 χ^2/NDF :666.7/21

All: 1.306 $\pm$ 0.054 χ^2/NDF : 995.0/40

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 15.976 $\pm$ 0.116 χ^2 /NDF:238.8/3

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

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

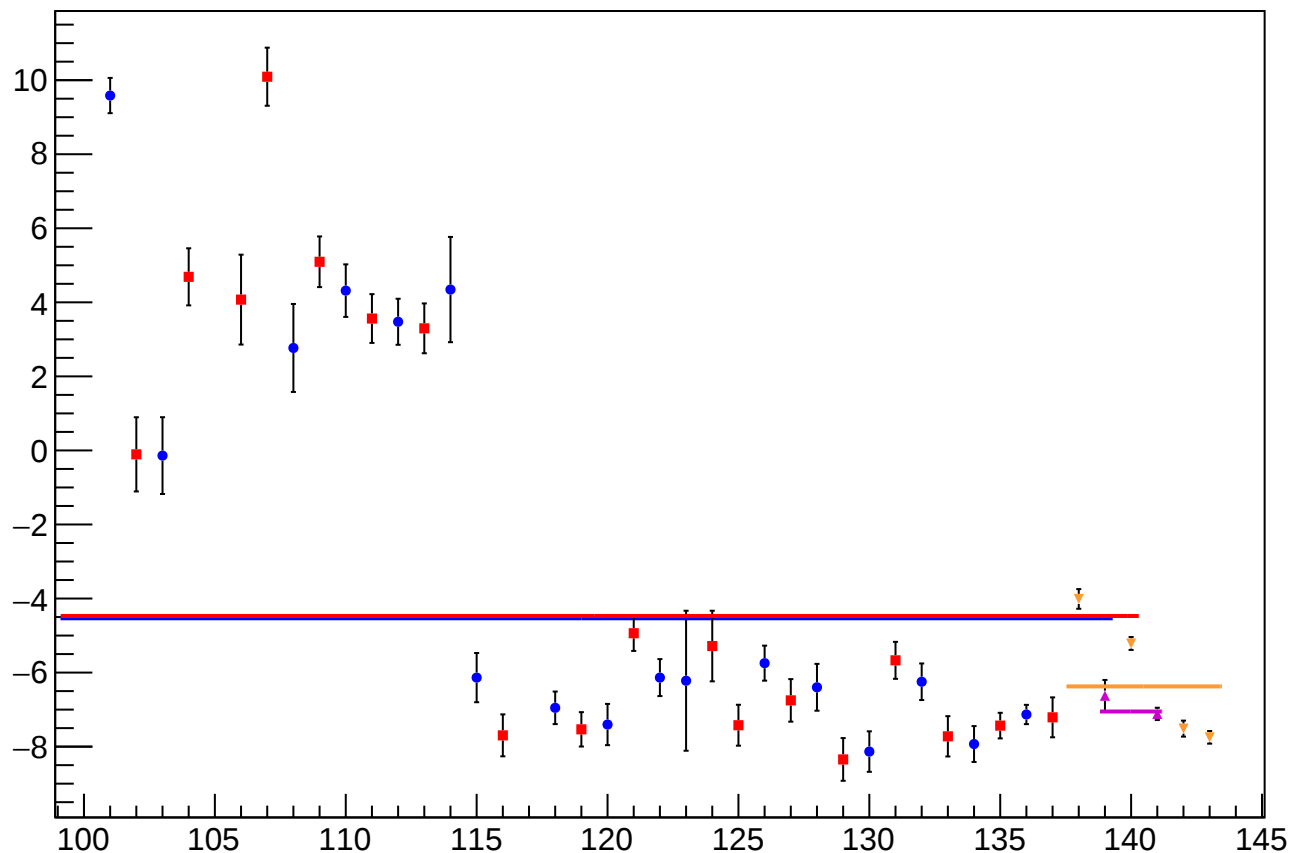
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 18.311 $\pm$ 0.129 χ^2 /NDF:517.2/18

Out: 16.415 $\pm$ 0.103 χ^2 /NDF:794.9/21

All: 17.150 $\pm$ 0.080 χ^2 /NDF: 1444.4/40

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.373 ± 0.099 χ^2/NDF : 215.9/3

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.051 ± 0.155 χ^2/NDF : 1.1/1

Left: -6.569 ± 0.083 χ^2/NDF : 230.7/5

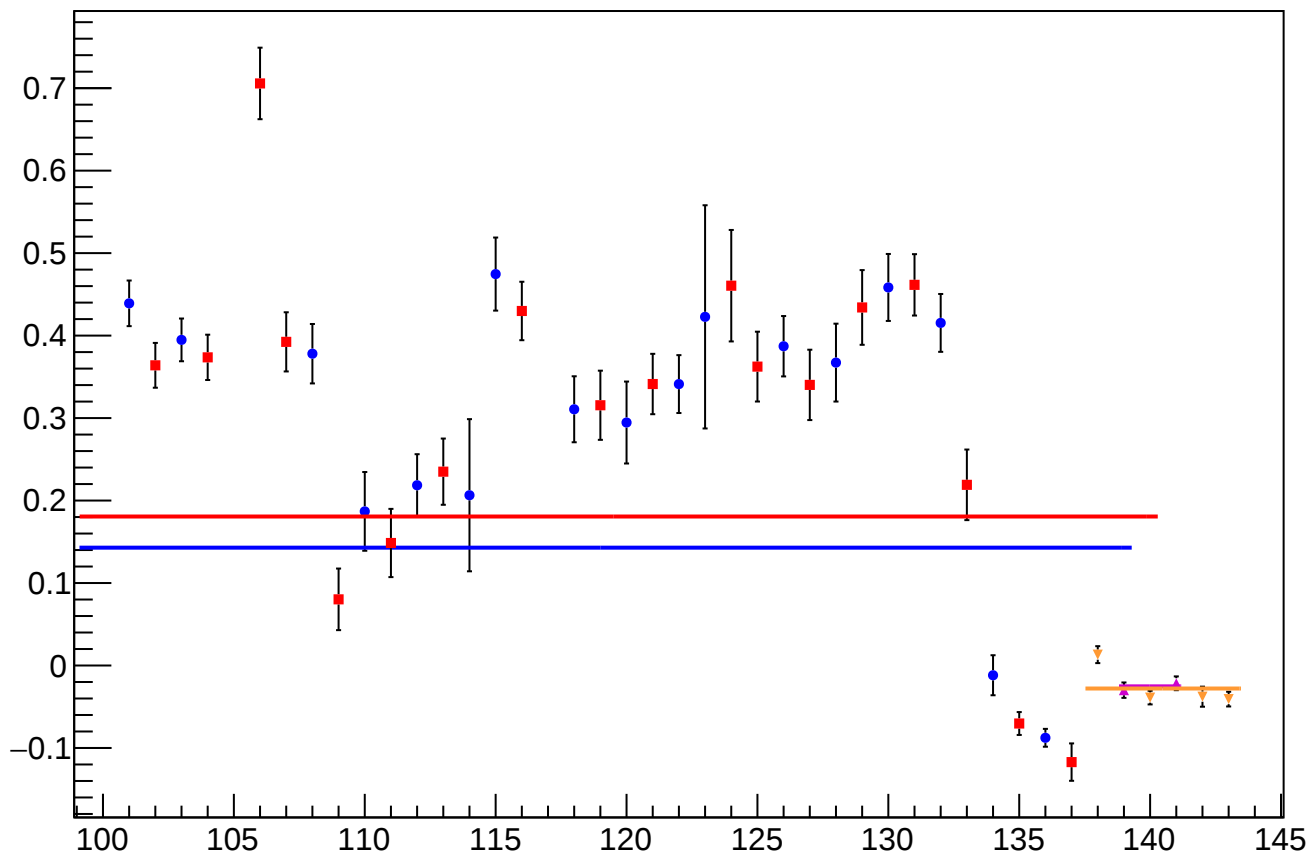
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -5.571 ± 0.099 χ^2/NDF : 1745.0/18

Out: -5.723 ± 0.080 χ^2/NDF : 1682.2/21

All: -5.663 ± 0.062 χ^2/NDF : 3428.6/40

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.028 ± 0.005 $\chi^2/\text{NDF}: 20.5/3$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.025 ± 0.006 $\chi^2/\text{NDF}: 0.4/1$

Left: -0.027 ± 0.004 $\chi^2/\text{NDF}: 21.1/5$

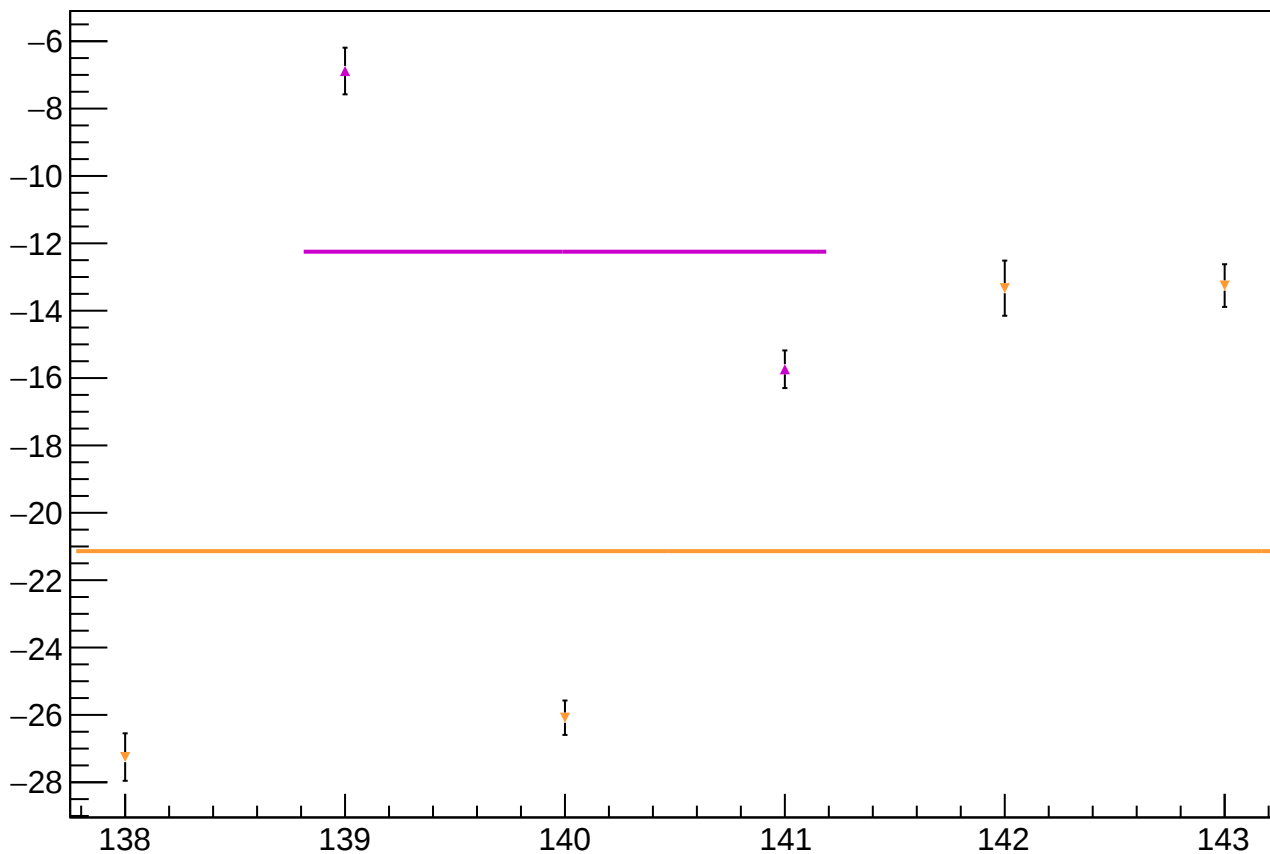
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.048 ± 0.005 $\chi^2/\text{NDF}: 1378.7/18$

Out: 0.034 ± 0.004 $\chi^2/\text{NDF}: 1583.0/21$

All: 0.040 ± 0.003 $\chi^2/\text{NDF}: 2967.3/40$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

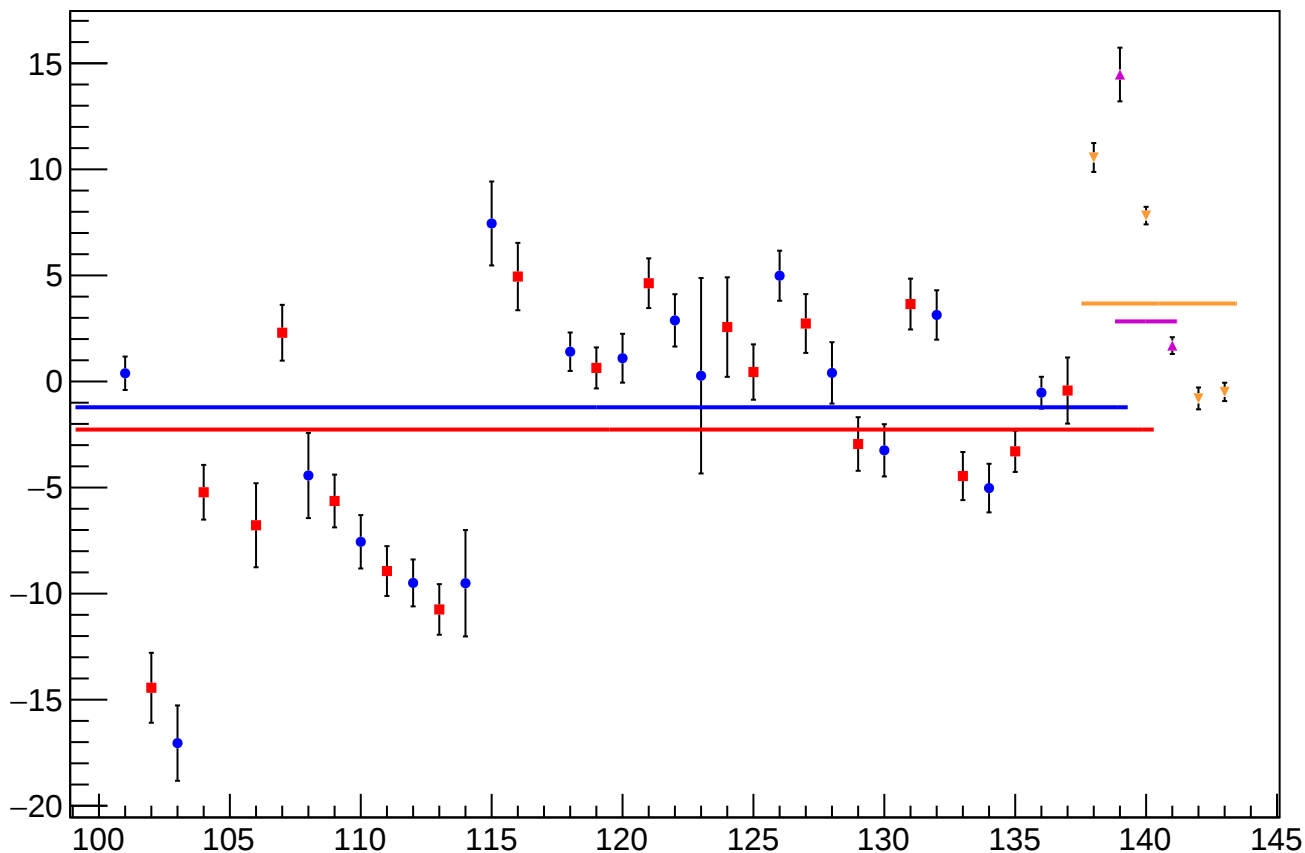
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 2.832 ± 0.378 χ^2/NDF : 93.0/1

Left: 3.429 ± 0.204 χ^2/NDF : 466.6/5

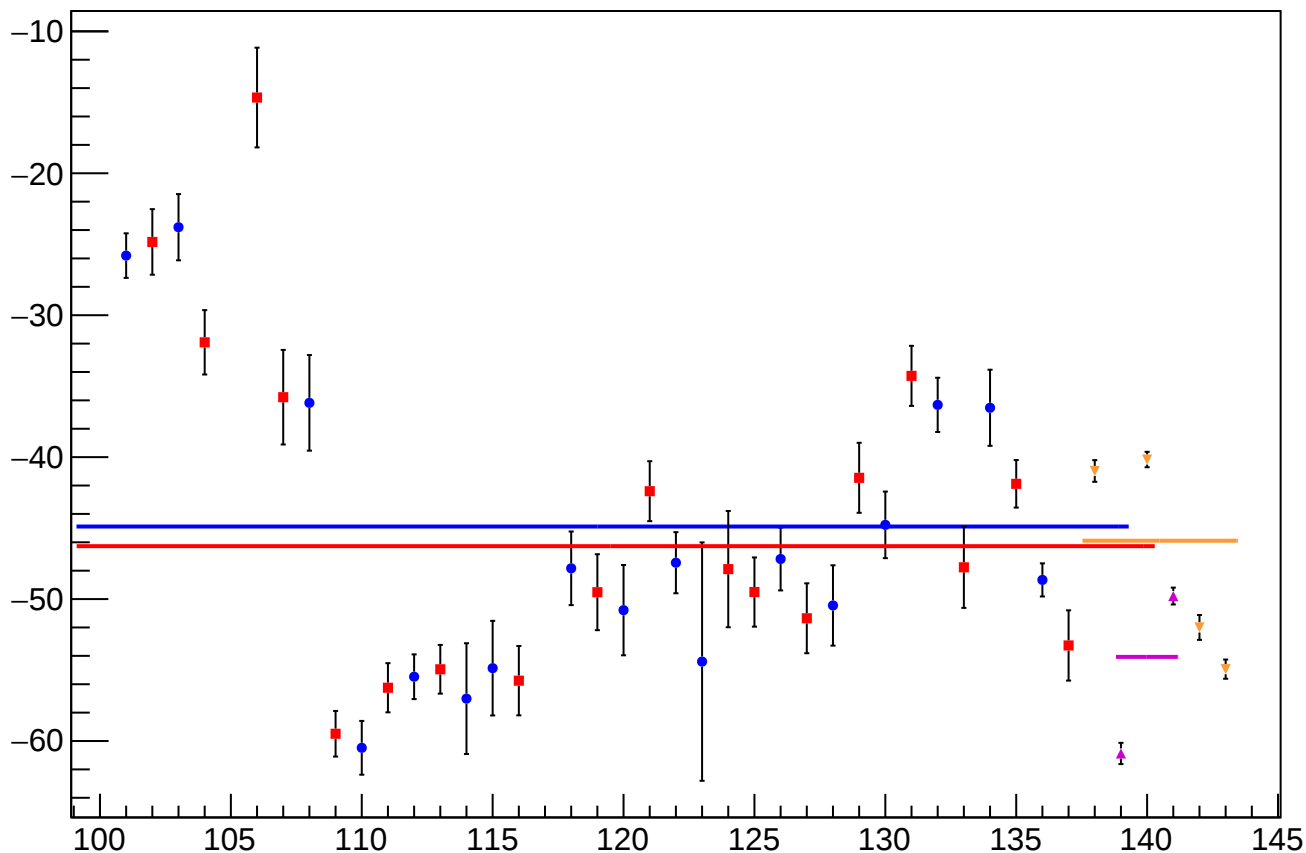
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 0.288 ± 0.230 χ^2/NDF : 443.8/18

Out: 1.355 ± 0.189 χ^2/NDF : 889.2/21

All: 0.926 ± 0.146 χ^2/NDF : 1345.9/40

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$

Left Out: -45.888 ± 0.341 $\chi^2/\text{NDF}: 380.1/3$

Right Out: -46.272 ± 0.530 $\chi^2/\text{NDF}: 420.5/17$

Left In: -54.073 ± 0.465 $\chi^2/\text{NDF}: 134.7/1$

Left: -48.749 ± 0.275 $\chi^2/\text{NDF}: 716.0/5$

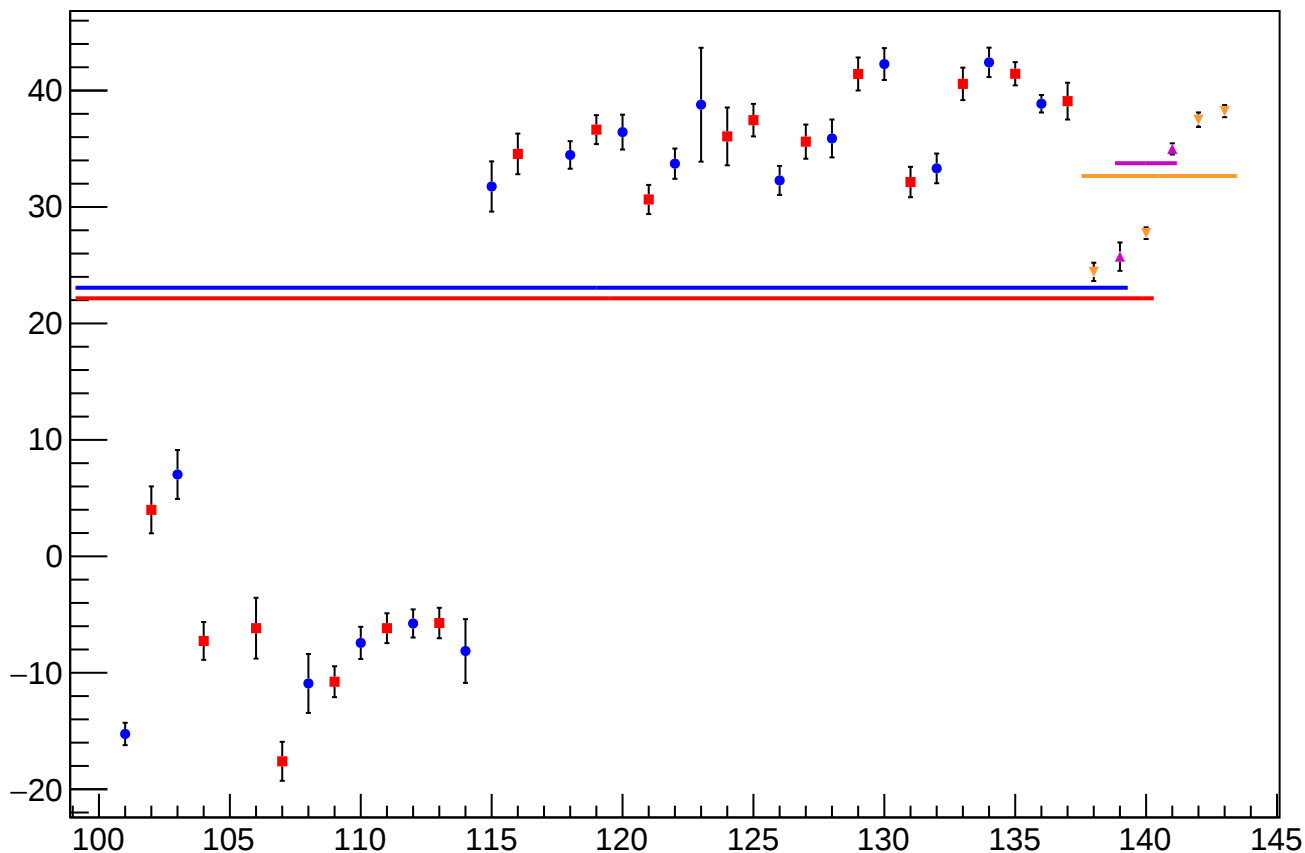
Right: -45.572 ± 0.372 $\chi^2/\text{NDF}: 844.4/34$

In: -50.017 ± 0.348 $\chi^2/\text{NDF}: 727.2/18$

Out: -46.001 ± 0.287 $\chi^2/\text{NDF}: 801.0/21$

All: -47.627 ± 0.221 $\chi^2/\text{NDF}: 1607.5/40$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 32.659 $\pm$ 0.291 χ^2 /NDF:379.2/3

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

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

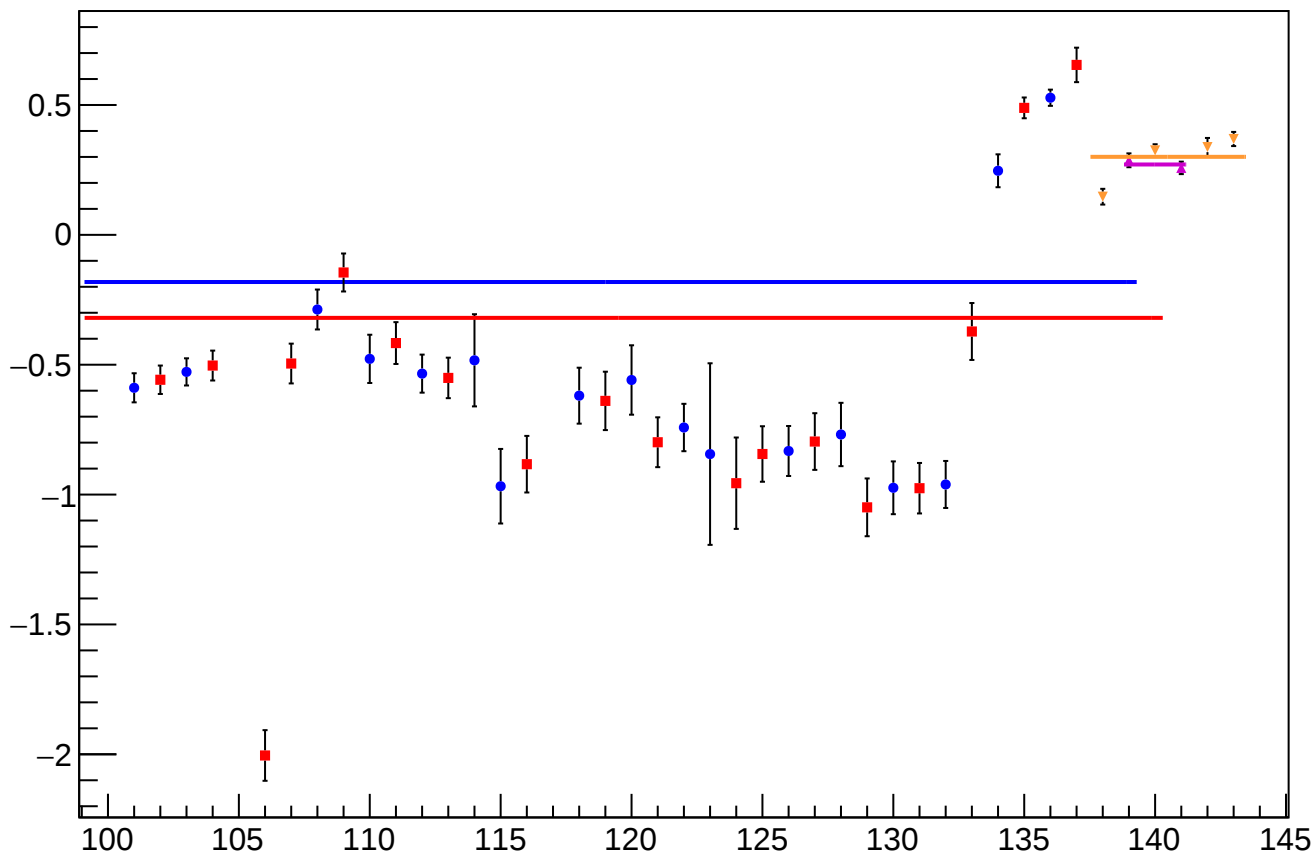
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 26.813 $\pm$ 0.263 χ^2 /NDF:4759.2/18

Out: 28.225 $\pm$ 0.221 χ^2 /NDF:4955.6/21

All: 27.641 $\pm$ 0.169 χ^2 /NDF: 9731.7/40

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 $\pm$ 0.018 χ^2/NDF : 996.9/16

Left Out: 0.300 $\pm$ 0.014 χ^2/NDF :34.2/3

Right Out: -0.320 $\pm$ 0.018 χ^2/NDF : 1177.5/17

Left In: 0.271 $\pm$ 0.018 χ^2/NDF :0.7/1

Left: 0.289 $\pm$ 0.011 χ^2/NDF : 36.6/5

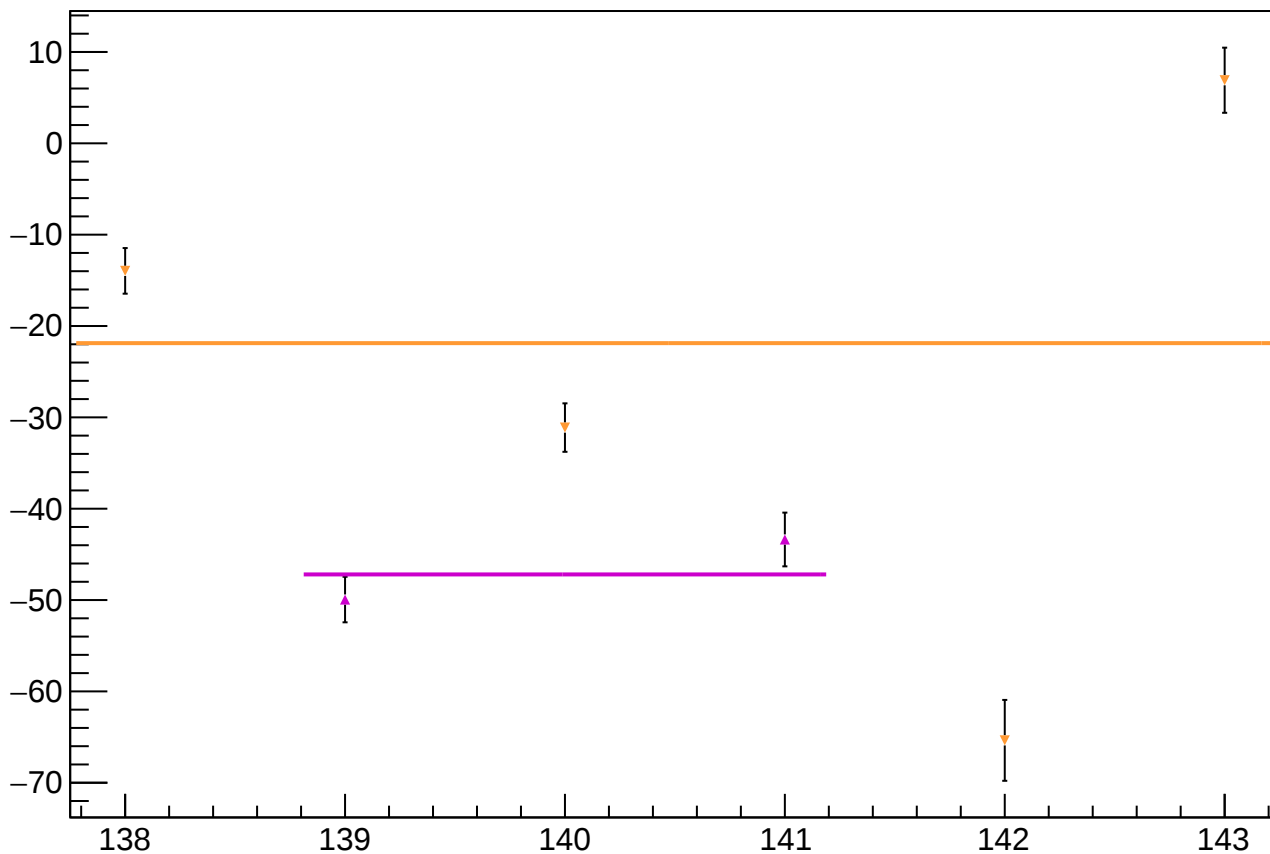
Right: -0.249 $\pm$ 0.013 χ^2/NDF : 2203.9/34

In: 0.043 $\pm$ 0.013 χ^2/NDF :1321.1/18

Out: 0.068 $\pm$ 0.011 χ^2/NDF :1936.4/21

All: 0.057 $\pm$ 0.008 χ^2/NDF : 3259.6/40

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

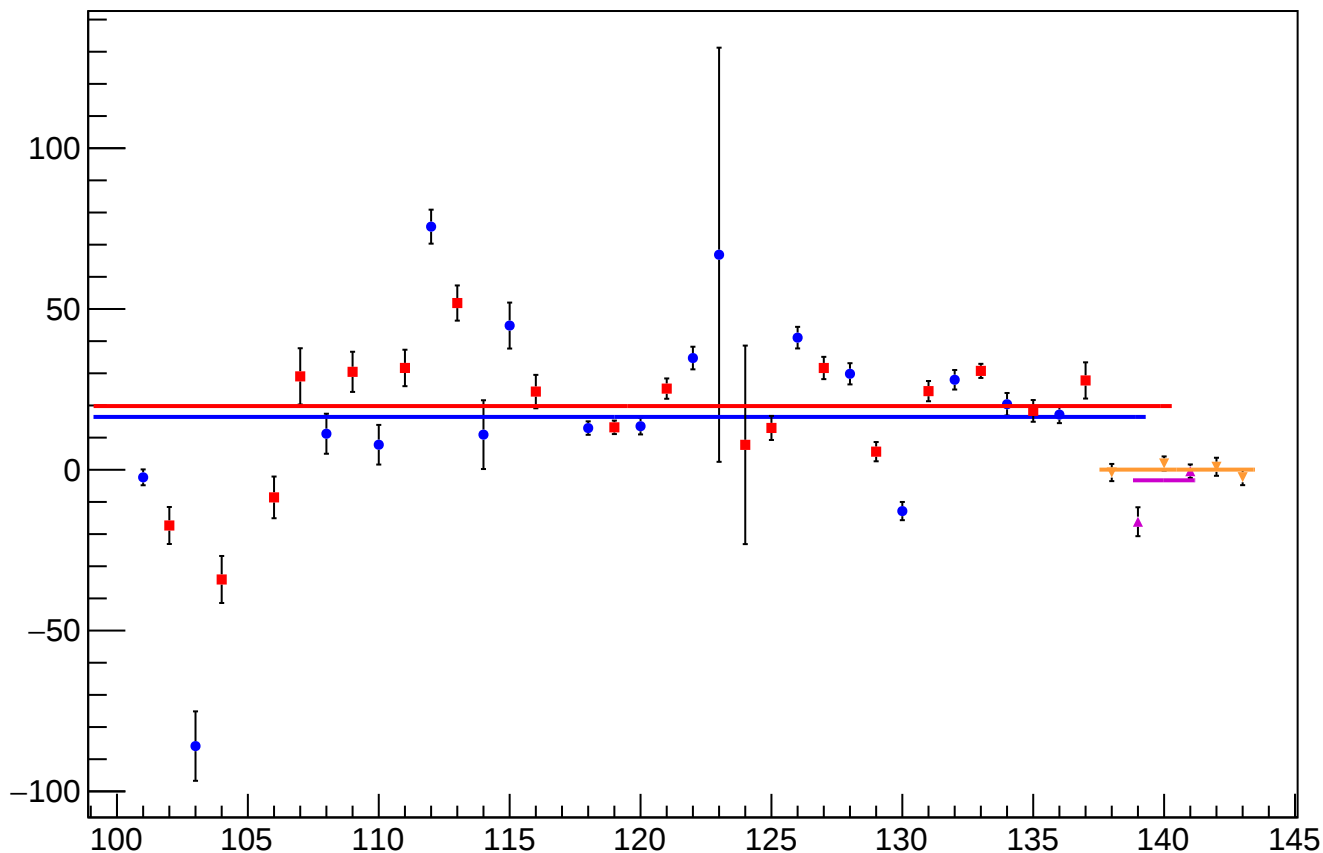
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 0.051 ± 1.250 $\chi^2/\text{NDF}: 1.9/3$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: -3.272 ± 1.909 $\chi^2/\text{NDF}: 10.0/1$

Left: -0.947 ± 1.046 $\chi^2/\text{NDF}: 14.0/5$

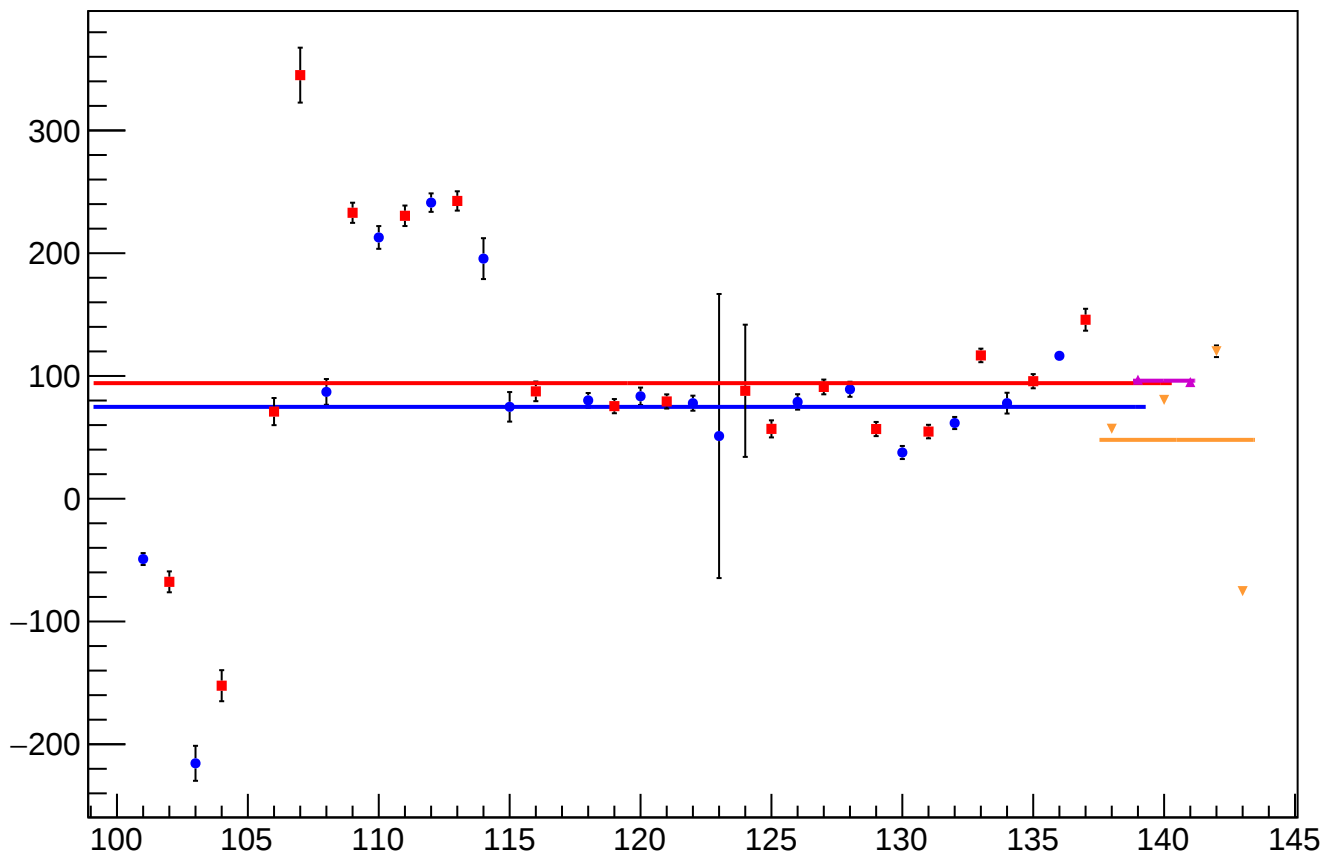
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 13.186 ± 0.775 $\chi^2/\text{NDF}: 616.0/18$

Out: 13.076 ± 0.730 $\chi^2/\text{NDF}: 405.1/21$

All: 13.128 ± 0.531 $\chi^2/\text{NDF}: 1021.1/40$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 47.962 $\pm$ 1.633 χ^2 /NDF:1425.9/3

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 96.157 $\pm$ 2.043 χ^2 /NDF:0.2/1

Left: 66.746 $\pm$ 1.275 χ^2 /NDF: 1765.7/5

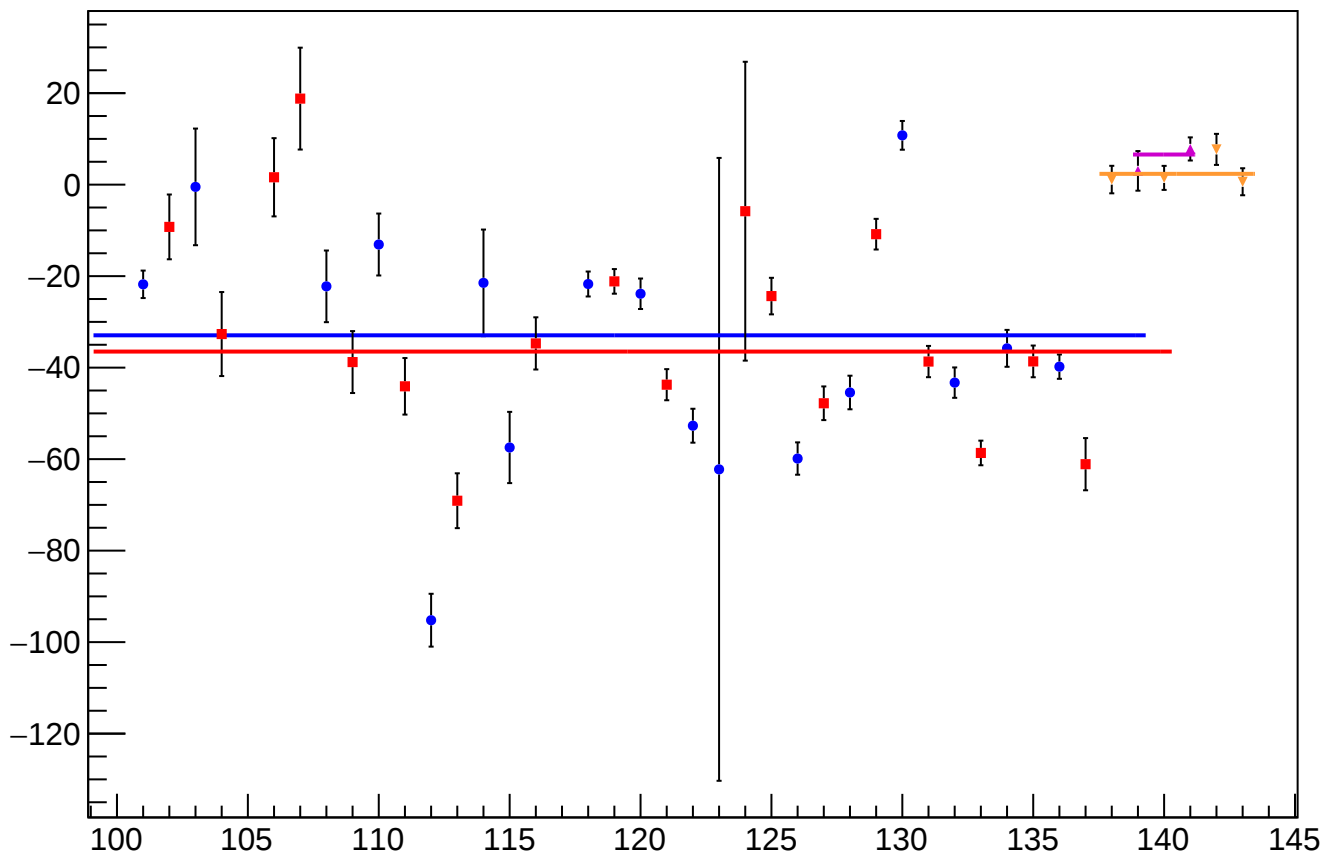
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 83.175 $\pm$ 1.278 χ^2 /NDF:2063.4/18

Out: 69.856 $\pm$ 1.184 χ^2 /NDF:3774.5/21

All: 76.007 $\pm$ 0.869 χ^2 /NDF: 5896.3/40

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: 2.359 ± 1.479 χ^2/NDF : 3.1/3

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: 6.585 ± 2.184 χ^2/NDF : 0.9/1

Left: 3.688 ± 1.224 χ^2/NDF : 6.6/5

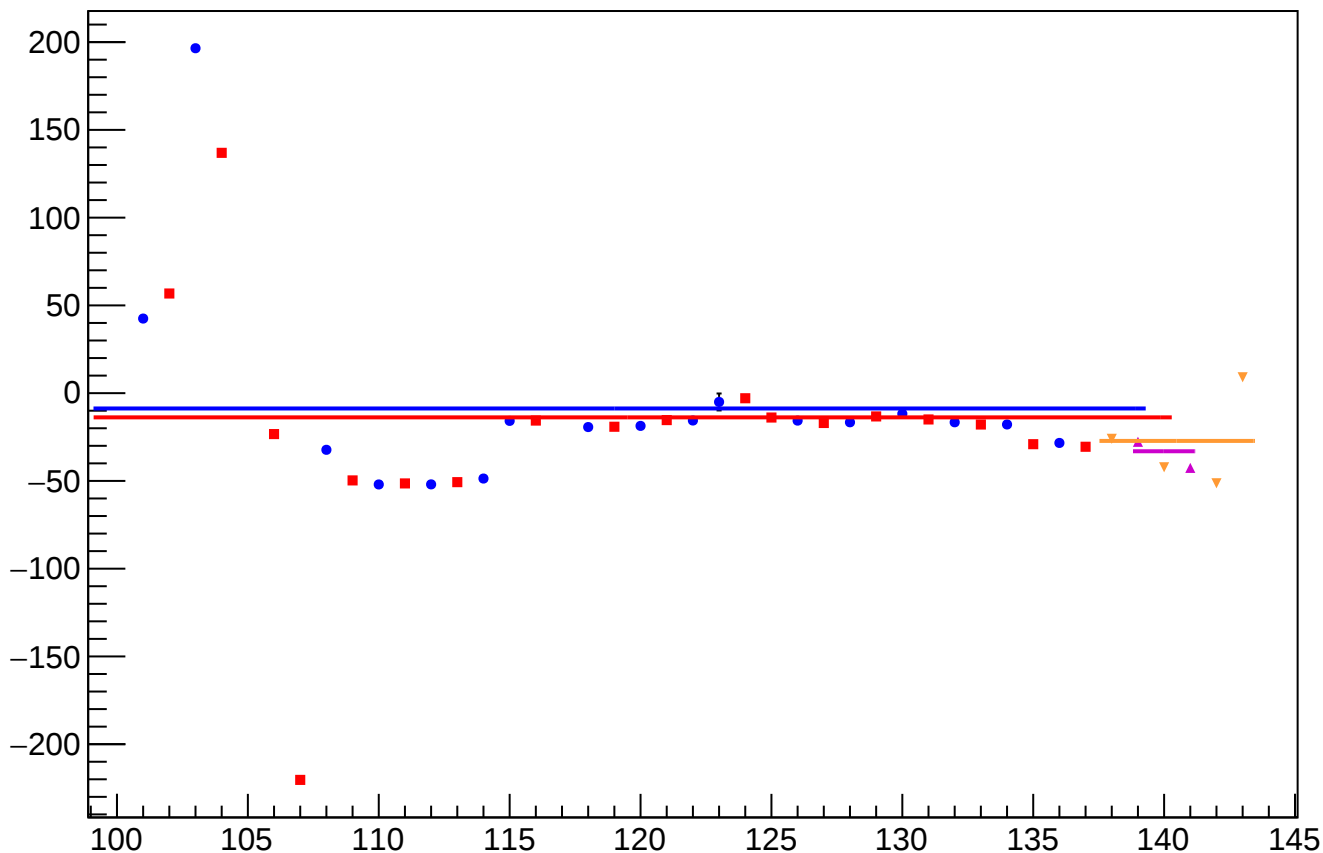
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -26.385 ± 0.889 χ^2/NDF : 764.9/18

Out: -23.853 ± 0.843 χ^2/NDF : 762.0/21

All: -25.053 ± 0.612 χ^2/NDF : 1531.1/40

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -27.208 ± 0.066 $\chi^2/\text{NDF}: 87686.4/3$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -33.102 ± 0.076 $\chi^2/\text{NDF}: 8860.5/1$

Left: -29.761 ± 0.050 $\chi^2/\text{NDF}: 99962.2/5$

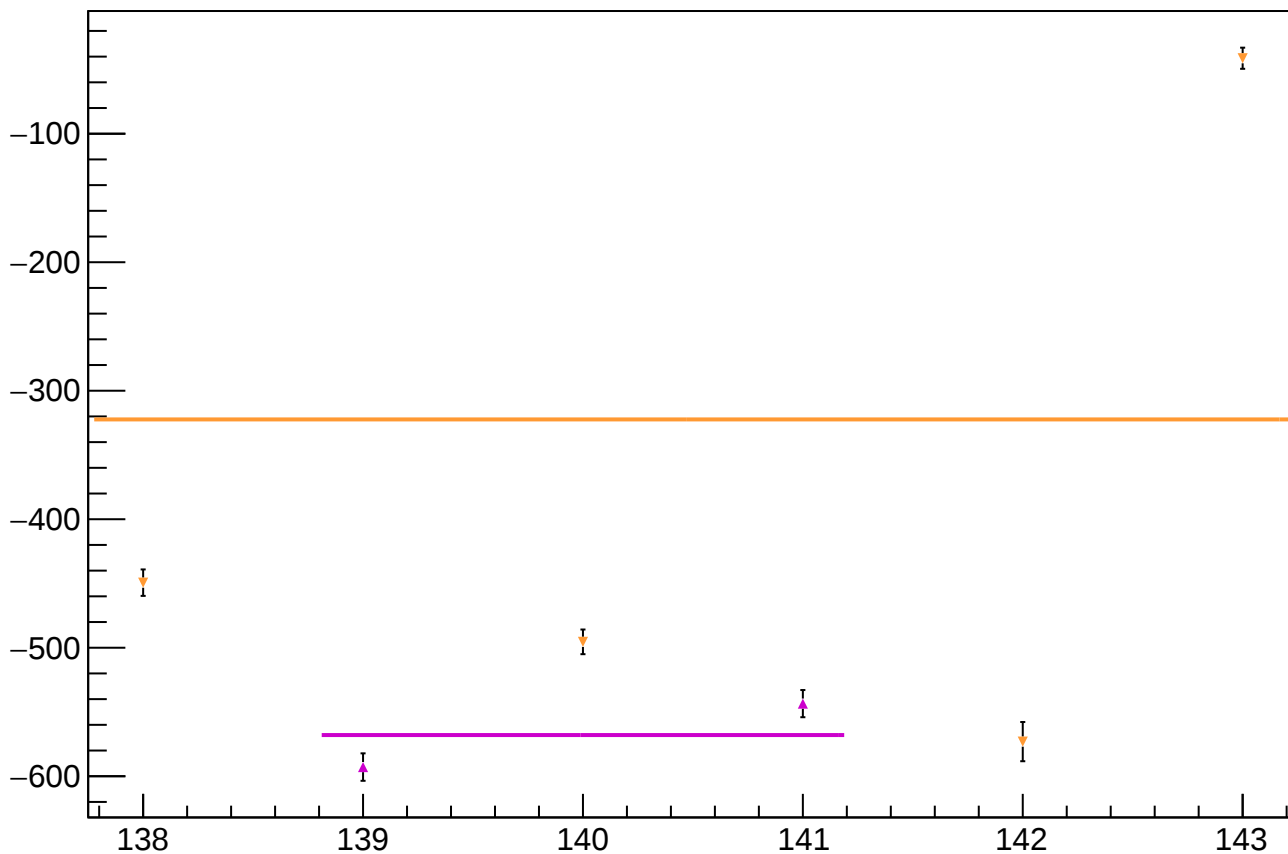
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -17.877 ± 0.047 $\chi^2/\text{NDF}: 649093.5/18$

Out: -20.055 ± 0.045 $\chi^2/\text{NDF}: 658851.7/21$

All: -18.994 ± 0.032 $\chi^2/\text{NDF}: 1309069.8/40$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -322.331+/-5.040 χ^2/NDF :1915.2/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -567.954+/-7.517 χ^2/NDF :10.8/1

Left: -398.509+/-4.186 χ^2/NDF : 2662.6/5

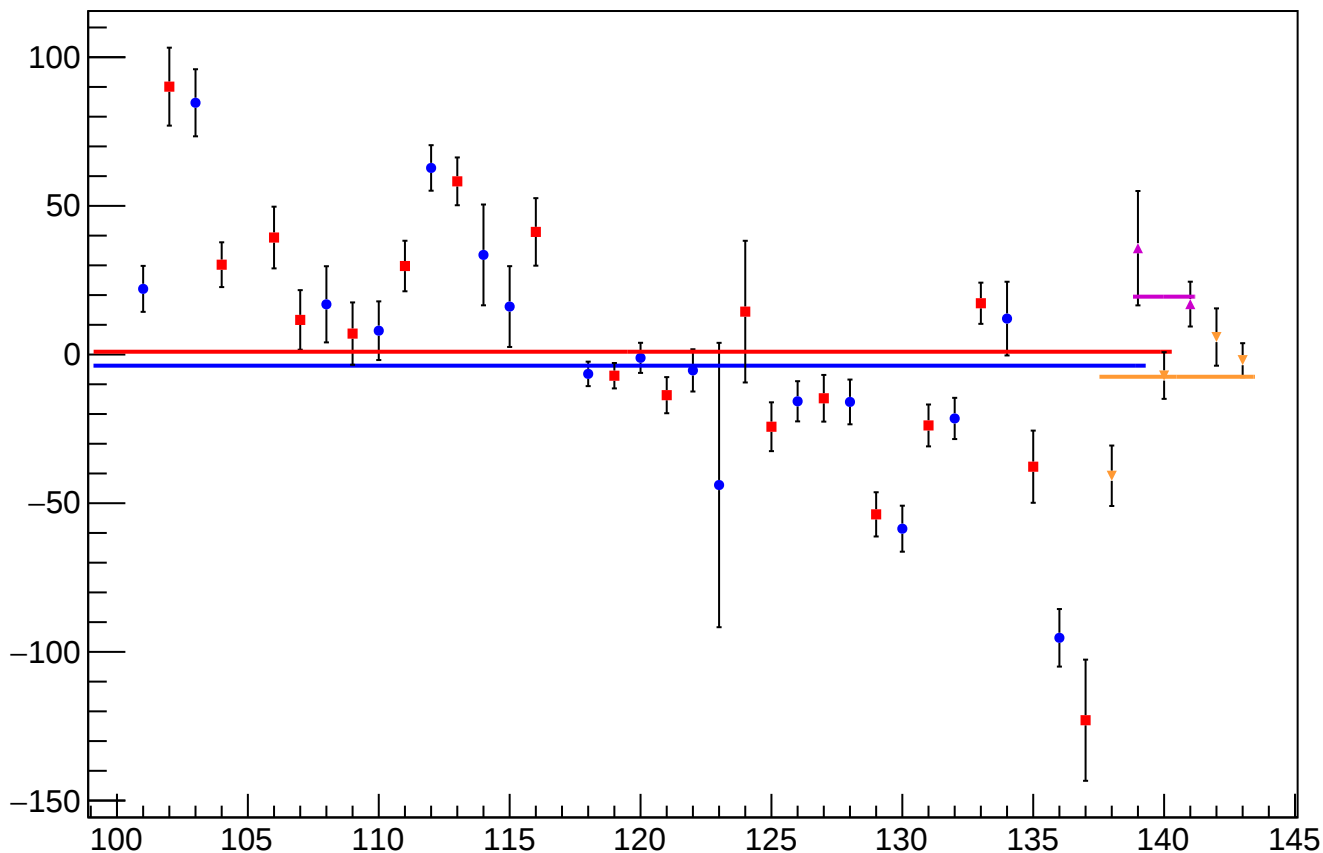
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -567.954+/-7.517 χ^2/NDF :10.8/1

Out: -322.331+/-5.040 χ^2/NDF :1915.2/3

All: -398.509+/-4.186 χ^2/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: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 19.468 ± 7.016 χ^2/NDF : 0.8/1

Left: -1.234 ± 3.376 χ^2/NDF : 25.8/5

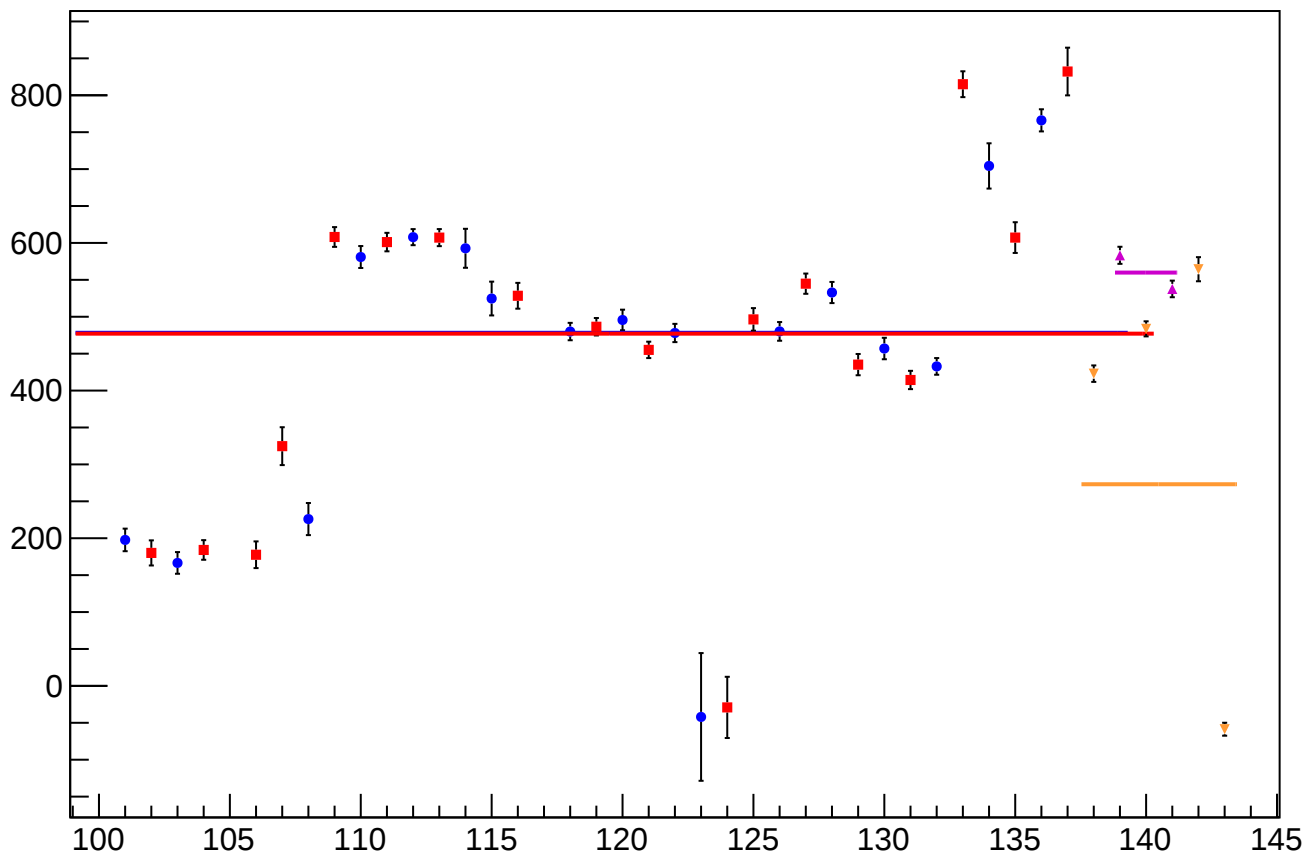
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -2.170 ± 1.827 χ^2/NDF : 325.1/18

Out: -0.725 ± 1.717 χ^2/NDF : 311.1/21

All: -1.403 ± 1.251 χ^2/NDF : 636.6/40

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 273.126+/-5.396 χ^2/NDF :2352.9/3

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 559.827+/-8.063 χ^2/NDF :8.0/1

Left: 361.797+/-4.484 χ^2/NDF : 3234.0/5

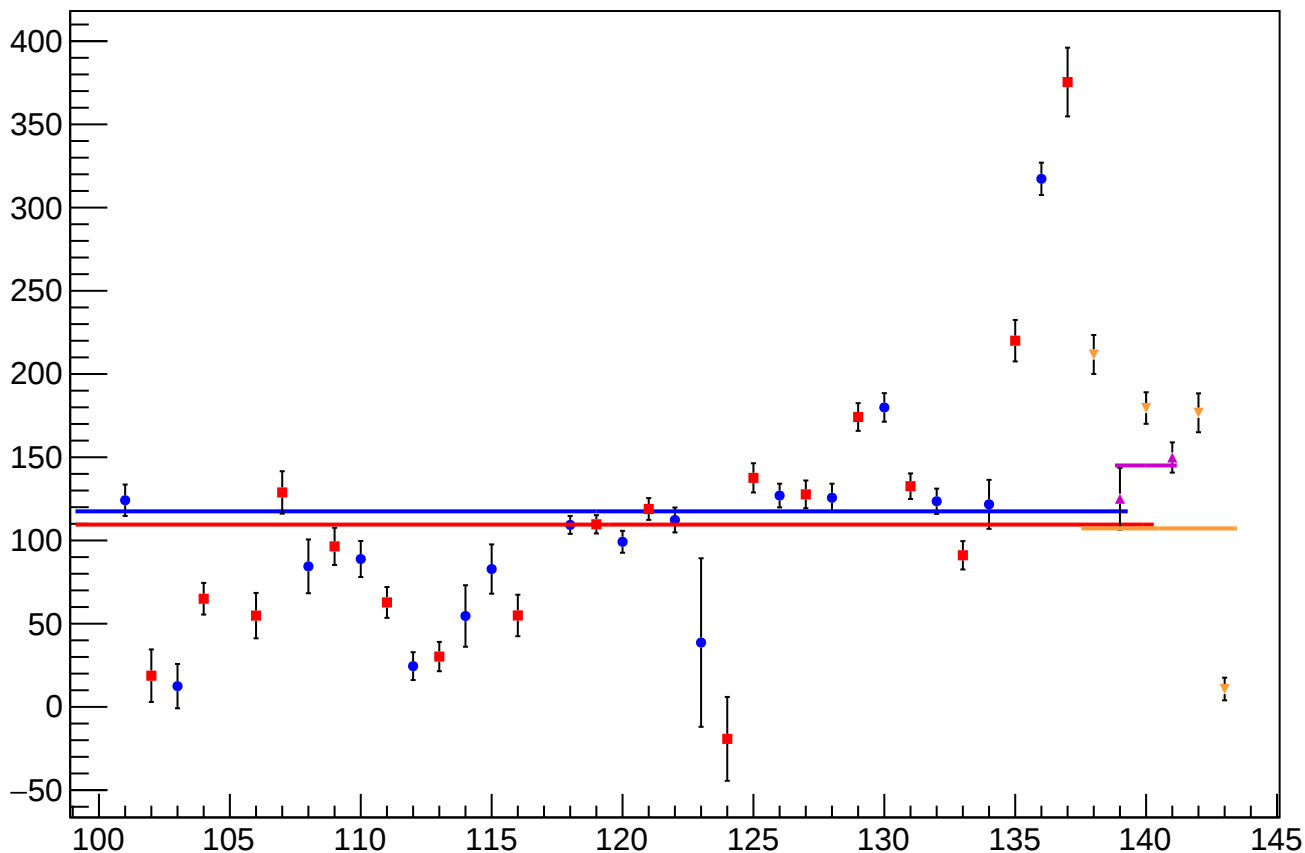
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 492.060+/-3.316 χ^2/NDF :1720.9/18

Out: 415.689+/-2.961 χ^2/NDF :5527.5/21

All: 449.562+/-2.209 χ^2/NDF : 7543.5/40

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 107.255 $\pm$ 4.598 χ^2 /NDF:373.8/3

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

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

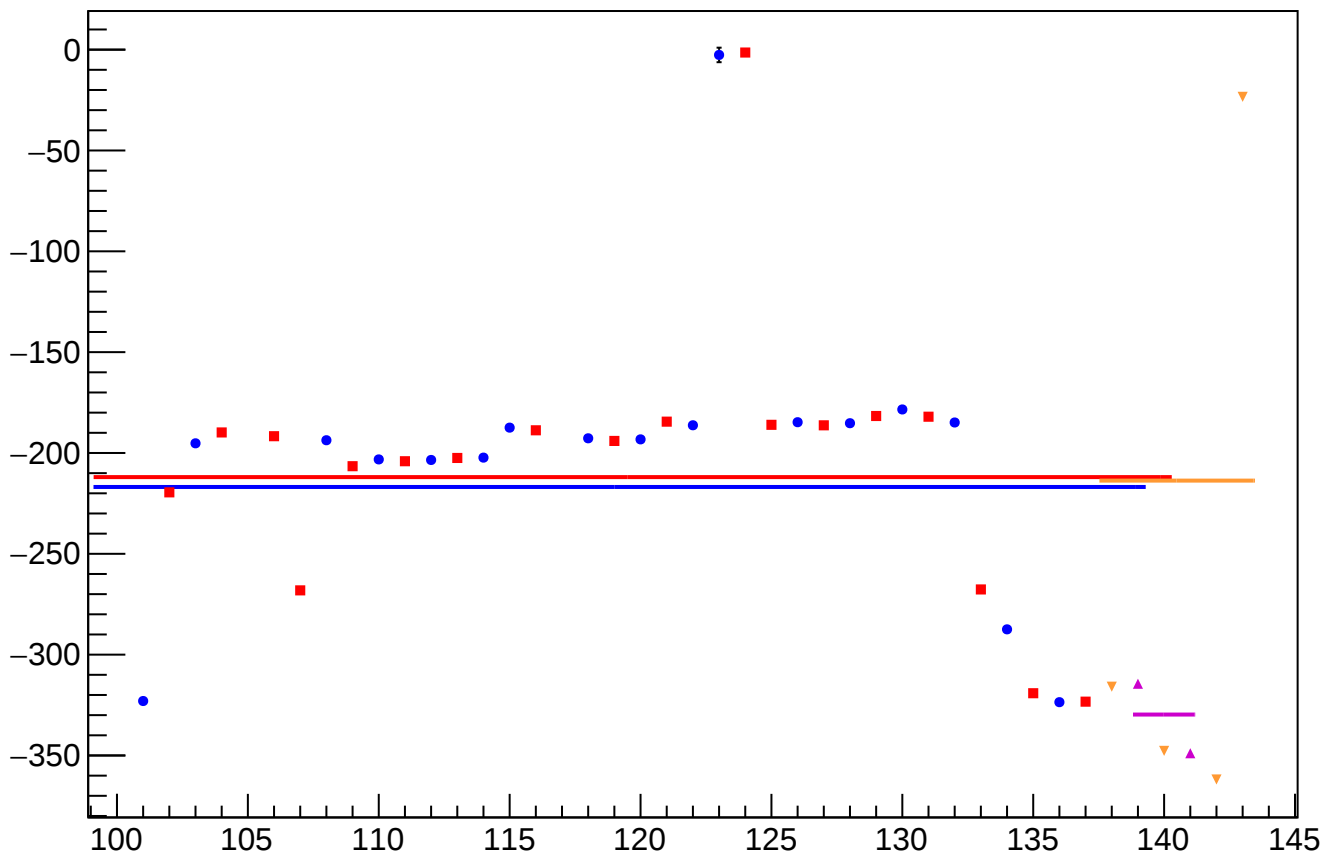
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 119.370 $\pm$ 2.122 χ^2 /NDF:718.0/18

Out: 109.108 $\pm$ 1.991 χ^2 /NDF:936.2/21

All: 113.912 $\pm$ 1.452 χ^2 /NDF: 1666.7/40

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 χ^2/NDF : 146927.1/16

Left Out: -213.700 ± 0.221 χ^2/NDF : 485780.4/3

Right Out: -211.961 ± 0.131 χ^2/NDF : 112091.8/17

Left In: -329.705 ± 0.304 χ^2/NDF : 3179.4/1

Left: -253.877 ± 0.179 χ^2/NDF : 584353.8/5

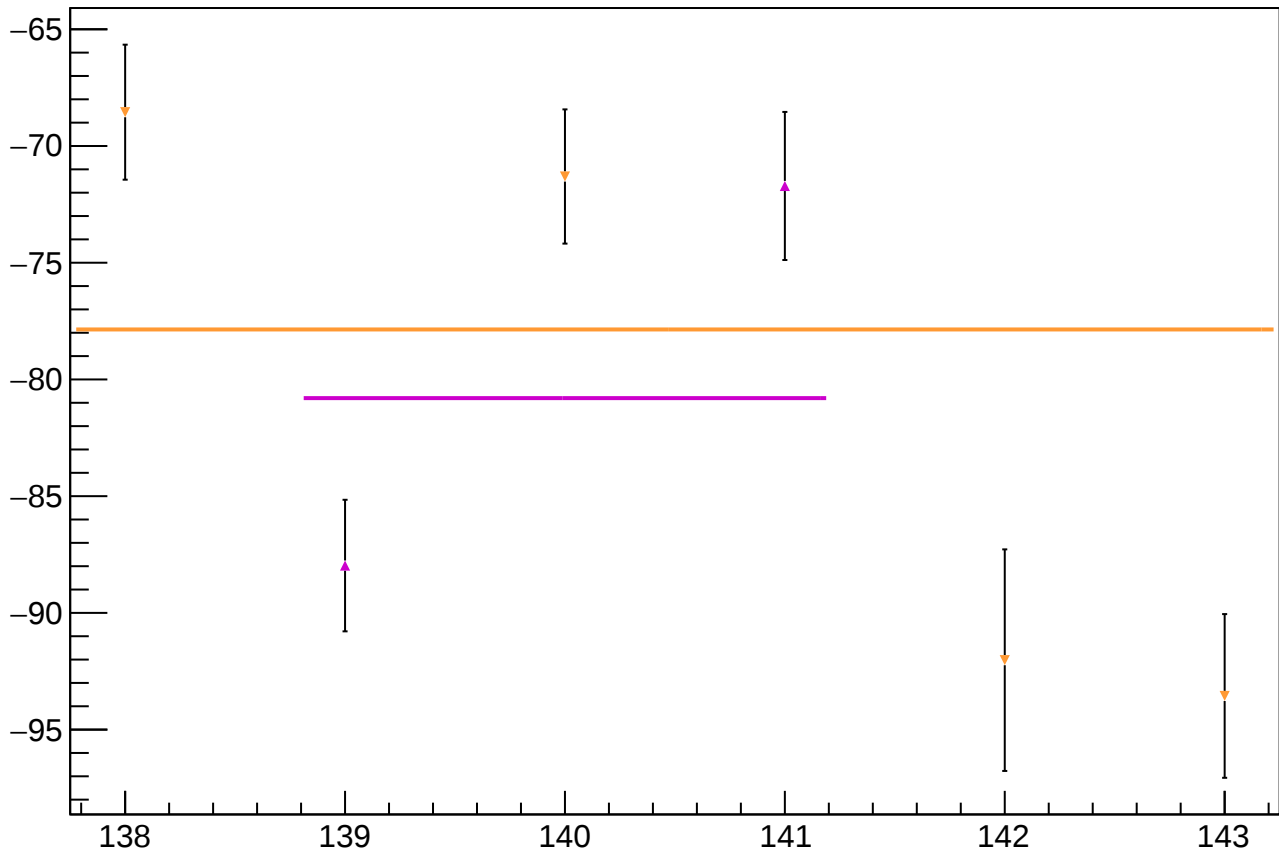
Right: -214.313 ± 0.094 χ^2/NDF : 259693.1/34

In: -235.676 ± 0.124 χ^2/NDF : 265179.1/18

Out: -212.411 ± 0.112 χ^2/NDF : 597918.1/21

All: -222.912 ± 0.083 χ^2/NDF : 882407.3/40

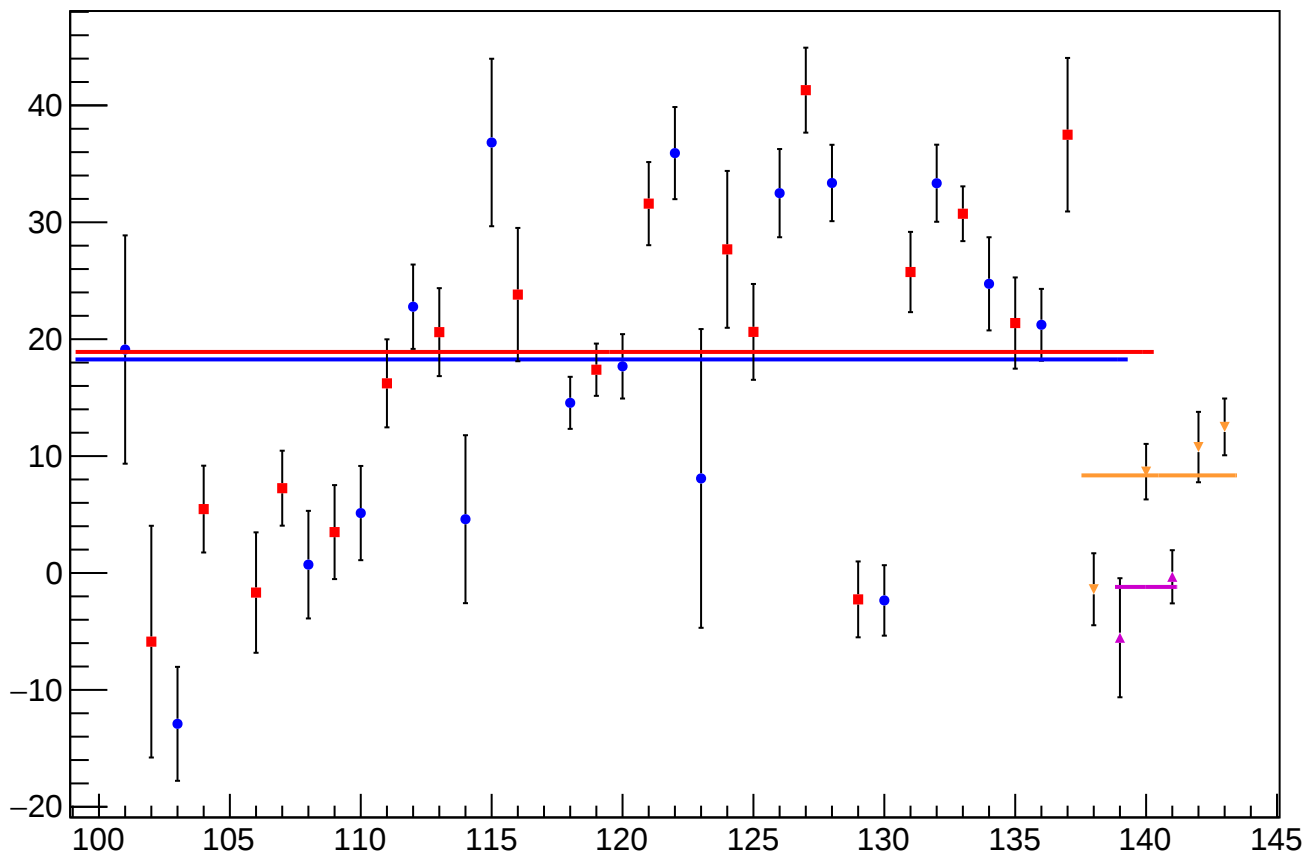
reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -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: 18.909+/-0.864 χ^2/NDF : 198.1/17

Left In: -1.192+/-2.077 χ^2/NDF :0.9/1

Left: 5.566+/-1.122 χ^2/NDF : 29.4/5

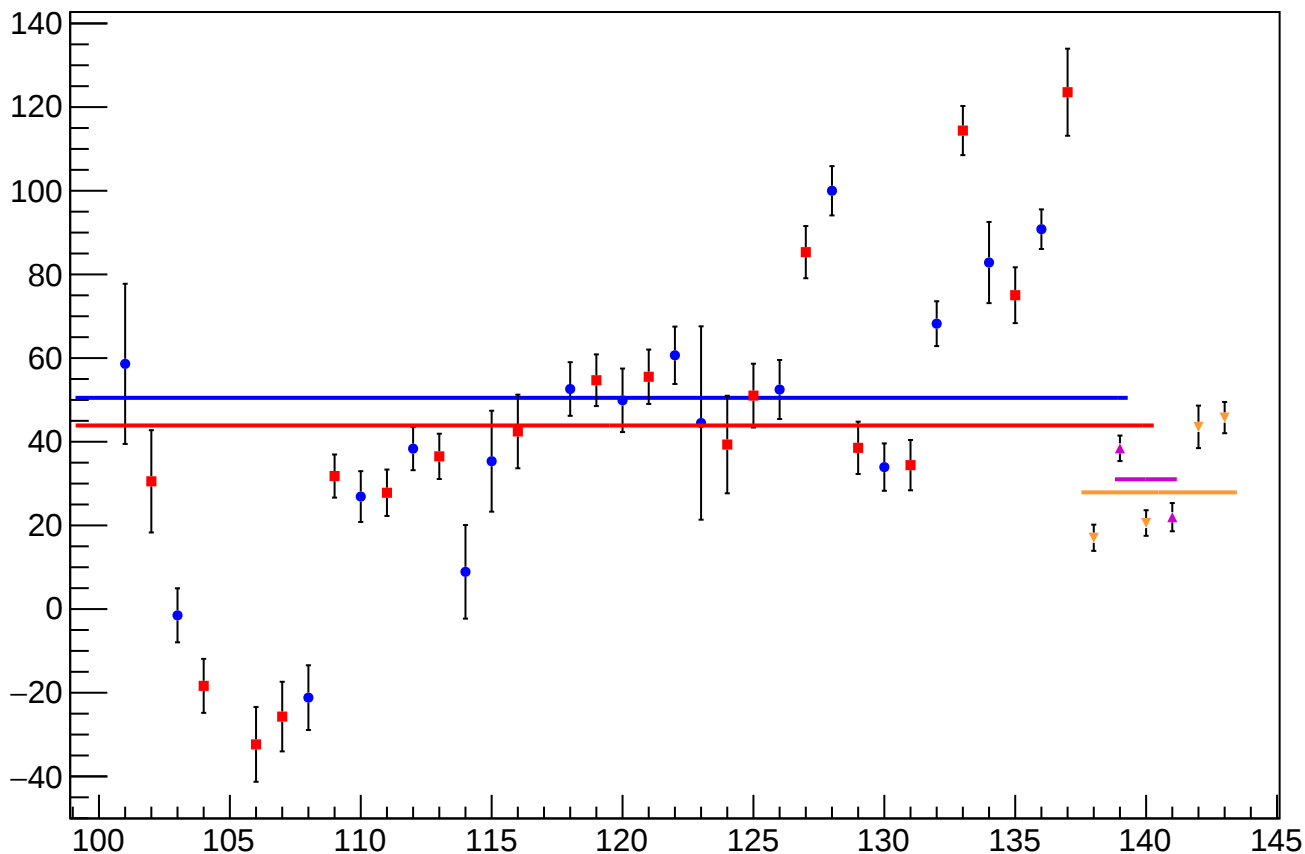
Right: 18.605+/-0.626 χ^2/NDF : 406.7/34

In: 15.153+/-0.831 χ^2/NDF :282.9/18

Out: 15.784+/-0.725 χ^2/NDF :255.9/21

All: 15.511+/-0.546 χ^2/NDF : 539.1/40

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 27.901 $\pm$ 1.772 χ^2 /NDF: 50.0/3

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

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

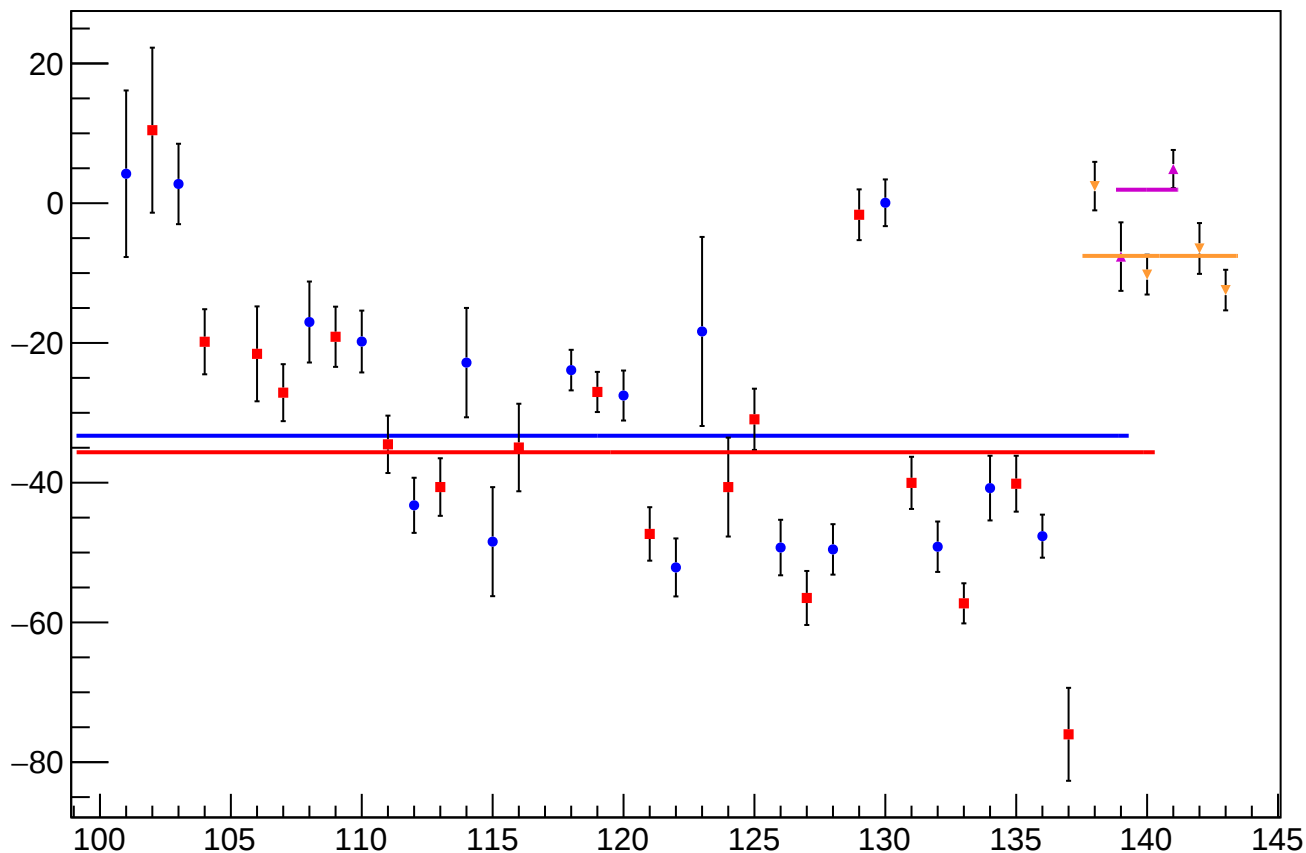
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 43.624 $\pm$ 1.344 χ^2 /NDF: 424.2/18

Out: 36.692 $\pm$ 1.189 χ^2 /NDF: 626.5/21

All: 39.736 $\pm$ 0.890 χ^2 /NDF: 1065.6/40

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: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: 1.931 ± 2.384 $\chi^2/\text{NDF}: 5.0/1$

Left: -4.647 ± 1.317 $\chi^2/\text{NDF}: 28.0/5$

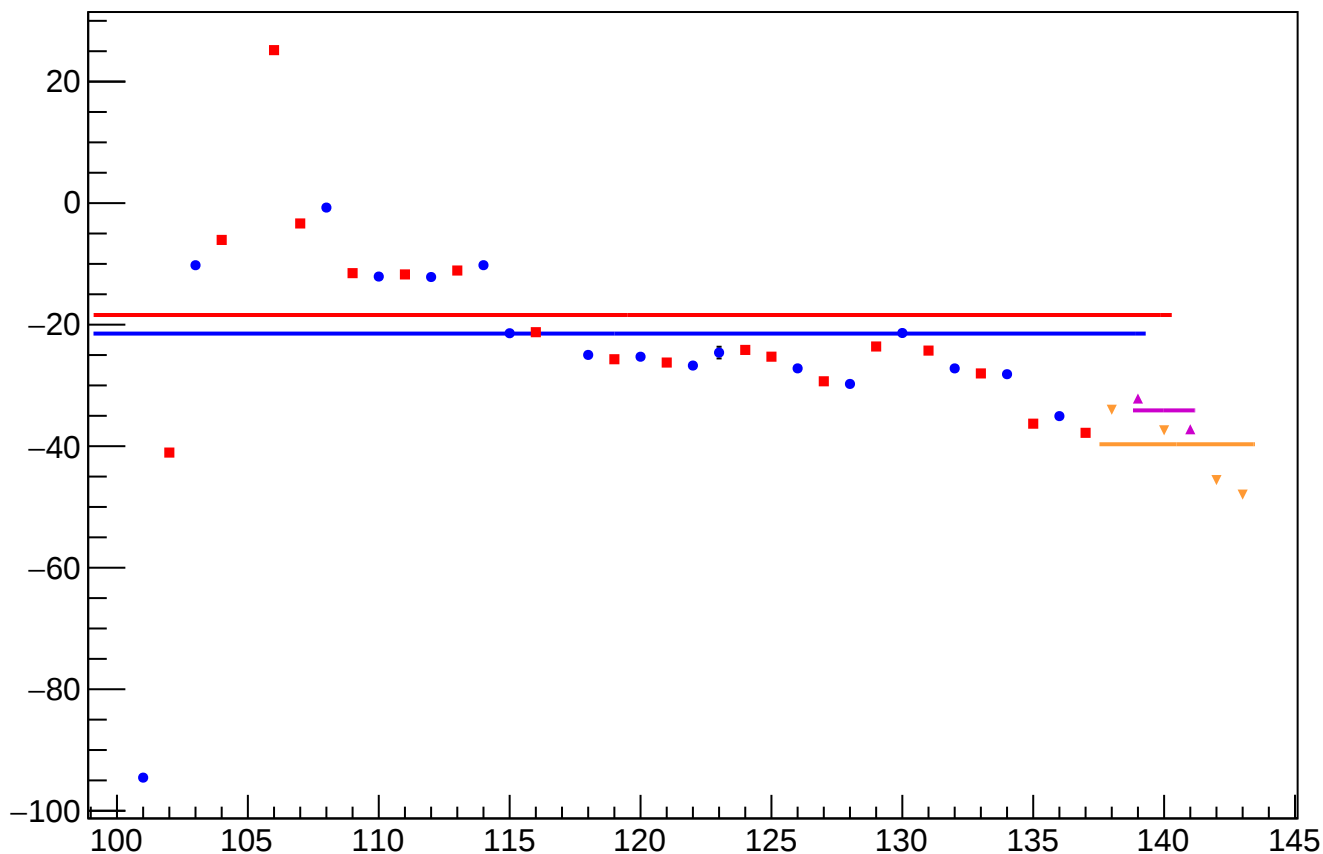
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -27.697 ± 0.949 $\chi^2/\text{NDF}: 481.5/18$

Out: -27.696 ± 0.841 $\chi^2/\text{NDF}: 523.3/21$

All: -27.697 ± 0.629 $\chi^2/\text{NDF}: 1004.8/40$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -39.681 ± 0.072 $\chi^2/\text{NDF}: 6336.9/3$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -34.108 ± 0.084 $\chi^2/\text{NDF}: 853.0/1$

Left: -37.322 ± 0.055 $\chi^2/\text{NDF}: 9708.9/5$

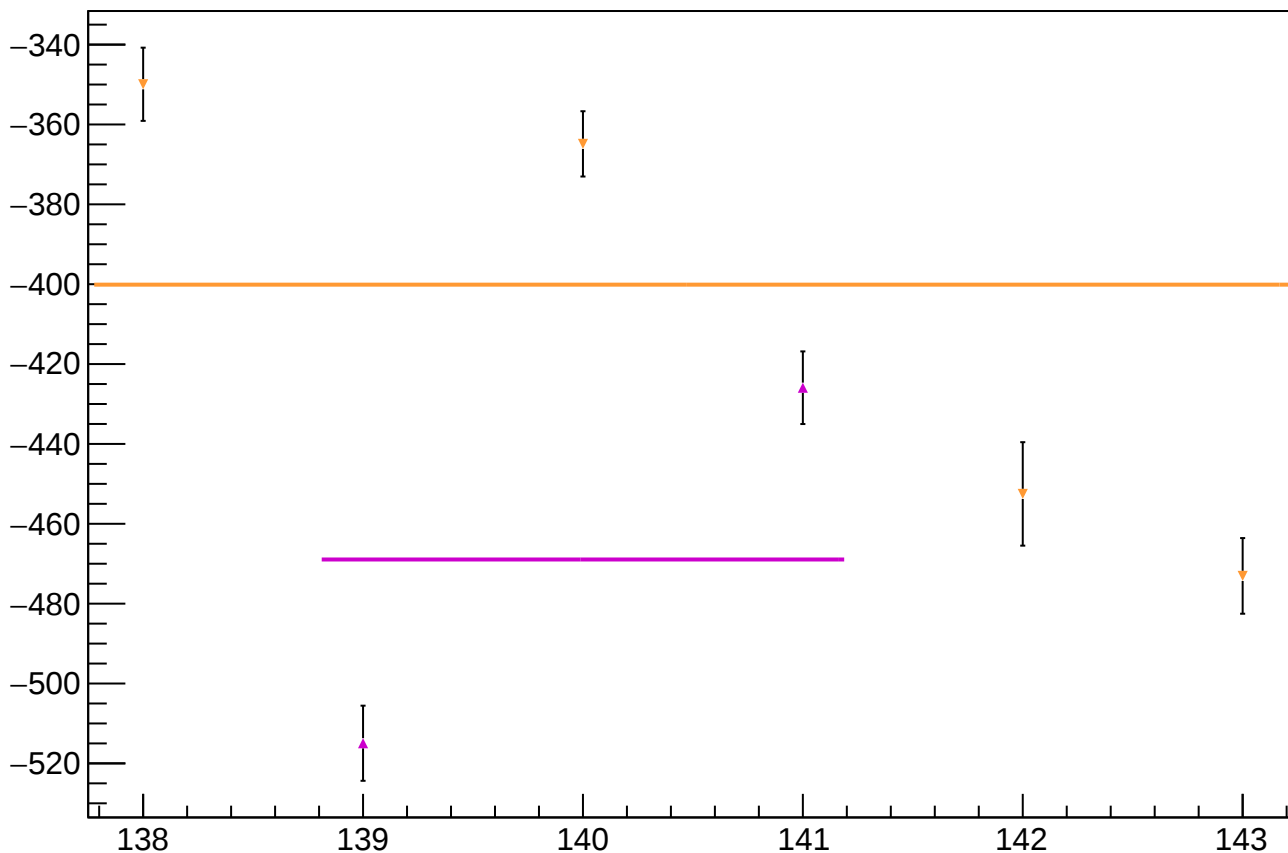
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -25.598 ± 0.048 $\chi^2/\text{NDF}: 64959.7/18$

Out: -26.641 ± 0.045 $\chi^2/\text{NDF}: 137086.0/21$

All: -26.156 ± 0.033 $\chi^2/\text{NDF}: 202295.9/40$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

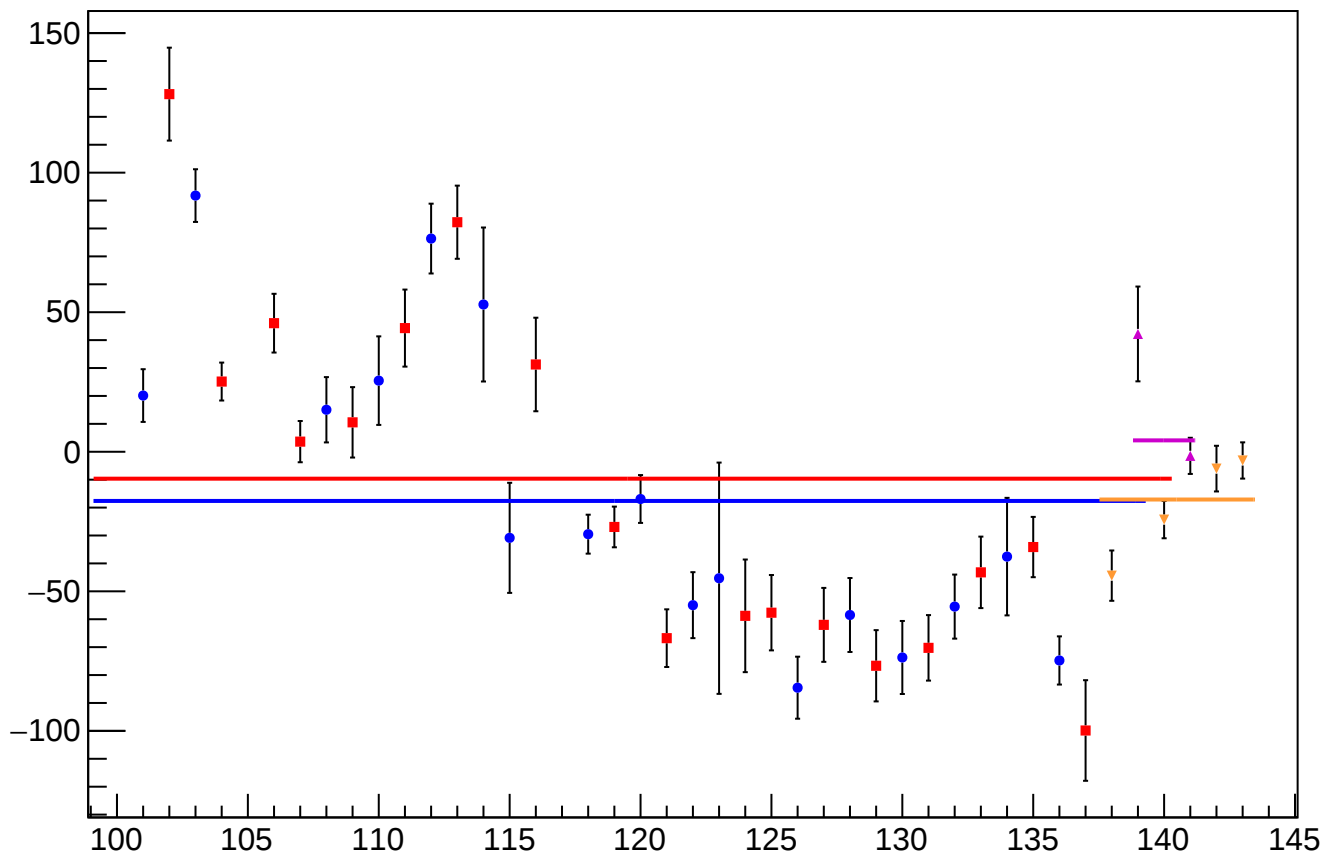
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -17.109 ± 3.693 $\chi^2/\text{NDF}: 16.8/3$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 4.083 ± 6.053 $\chi^2/\text{NDF}: 5.8/1$

Left: -11.360 ± 3.153 $\chi^2/\text{NDF}: 31.5/5$

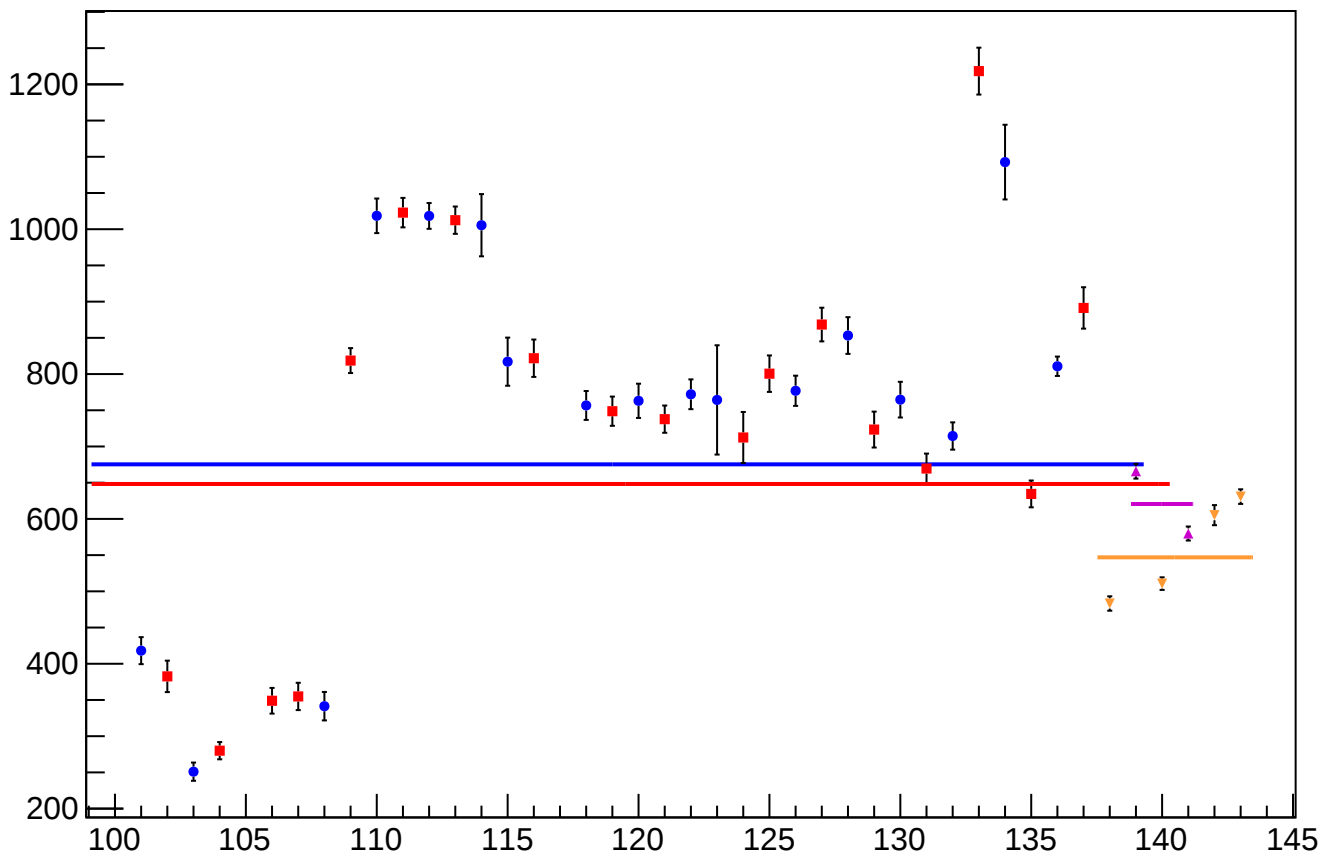
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -13.824 ± 2.531 $\chi^2/\text{NDF}: 378.4/18$

Out: -12.132 ± 2.133 $\chi^2/\text{NDF}: 380.2/21$

All: -12.835 ± 1.631 $\chi^2/\text{NDF}: 758.9/40$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 546.942+/-5.107 χ^2/NDF :145.1/3

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 620.599+/-7.011 χ^2/NDF :37.5/1

Left: 572.478+/-4.128 χ^2/NDF : 254.7/5

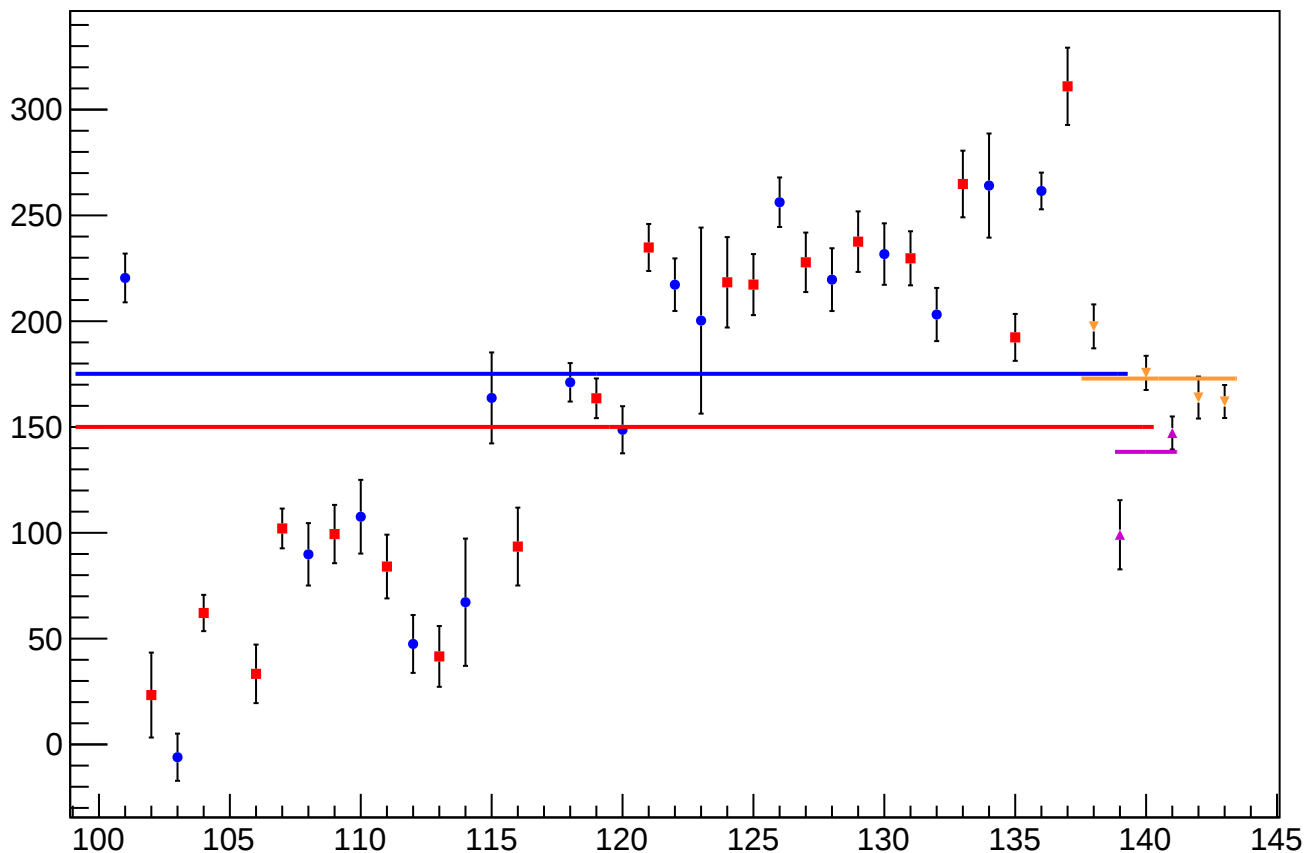
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 656.661+/-4.095 χ^2/NDF :2660.4/18

Out: 600.991+/-3.488 χ^2/NDF :3413.9/21

All: 624.395+/-2.655 χ^2/NDF : 6181.4/40

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 172.910 $\pm$ 4.420 χ^2 /NDF:8.5/3

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

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

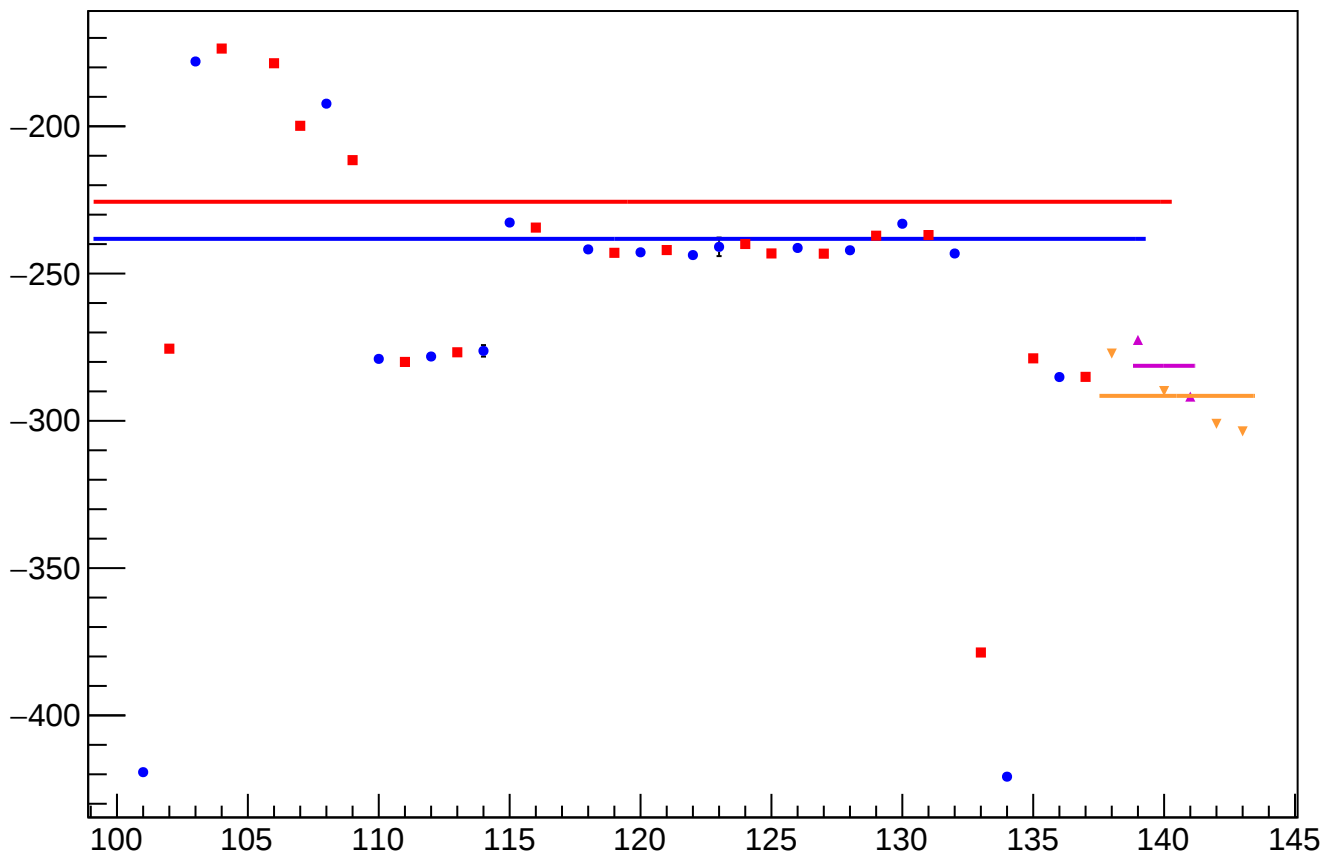
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 168.800 $\pm$ 2.920 χ^2 /NDF:665.4/18

Out: 157.411 $\pm$ 2.508 χ^2 /NDF:712.8/21

All: 162.245 $\pm$ 1.903 χ^2 /NDF: 1386.9/40

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -291.519+/-0.211 χ^2/NDF : 2502.6/3

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -281.315+/-0.265 χ^2/NDF : 1308.6/1

Left: -287.566+/-0.165 χ^2/NDF : 4719.8/5

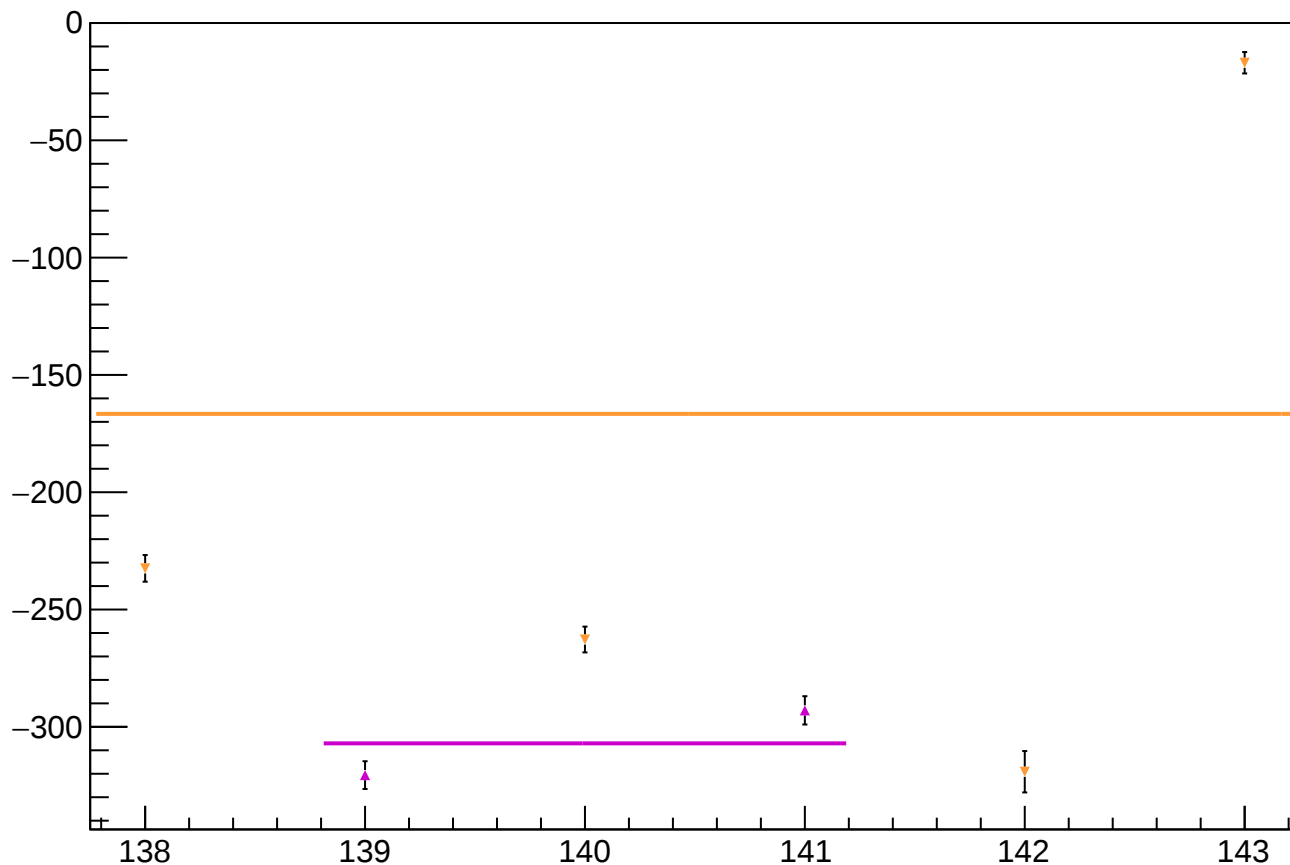
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -249.740+/-0.137 χ^2/NDF : 187791.1/18

Out: -248.096+/-0.123 χ^2/NDF : 162411.7/21

All: -248.830+/-0.092 χ^2/NDF : 350282.5/40

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

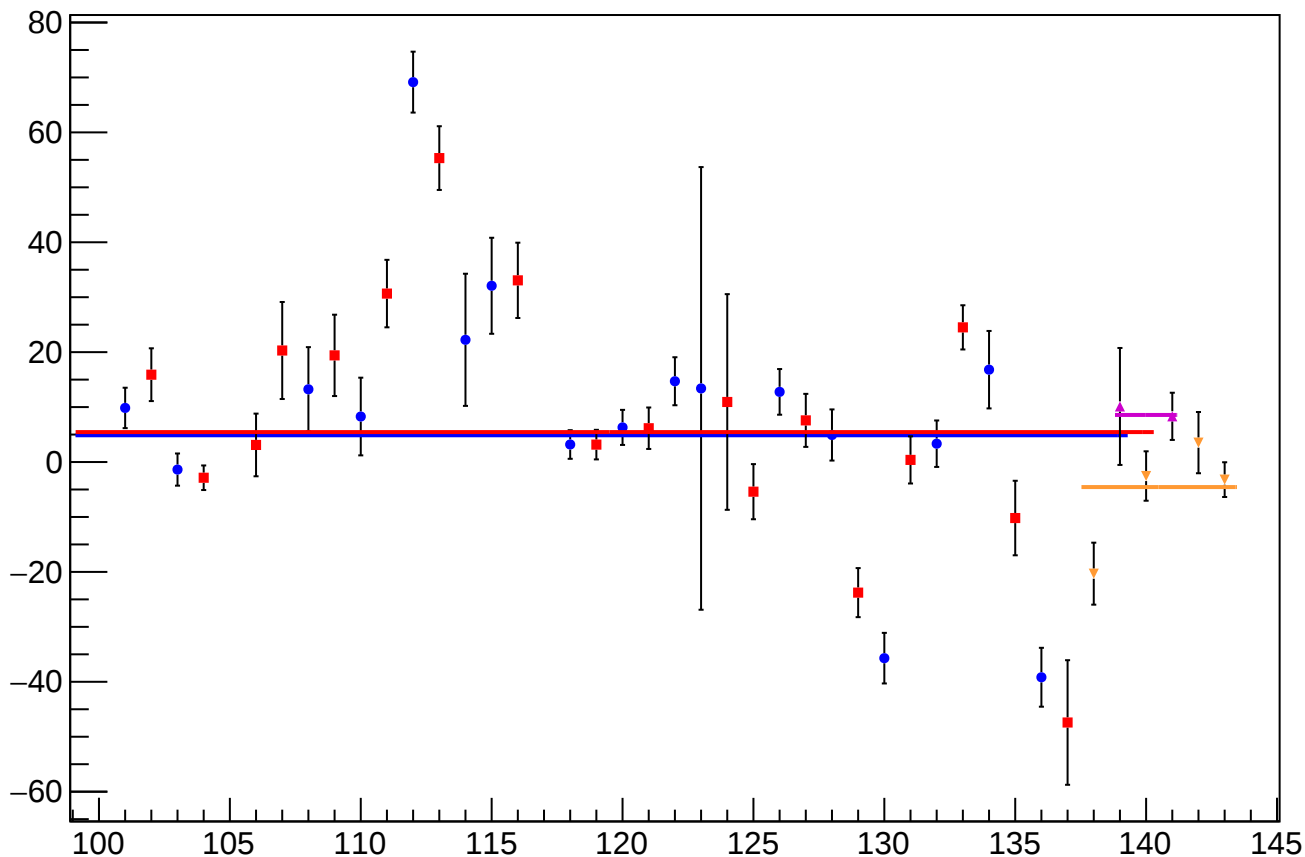
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 311.5/16$

Left Out: -4.558 ± 2.167 $\chi^2/\text{NDF}: 10.3/3$

Right Out: 5.450 ± 1.071 $\chi^2/\text{NDF}: 231.5/17$

Left In: 8.569 ± 3.984 $\chi^2/\text{NDF}: 0.0/1$

Left: -1.561 ± 1.903 $\chi^2/\text{NDF}: 18.7/5$

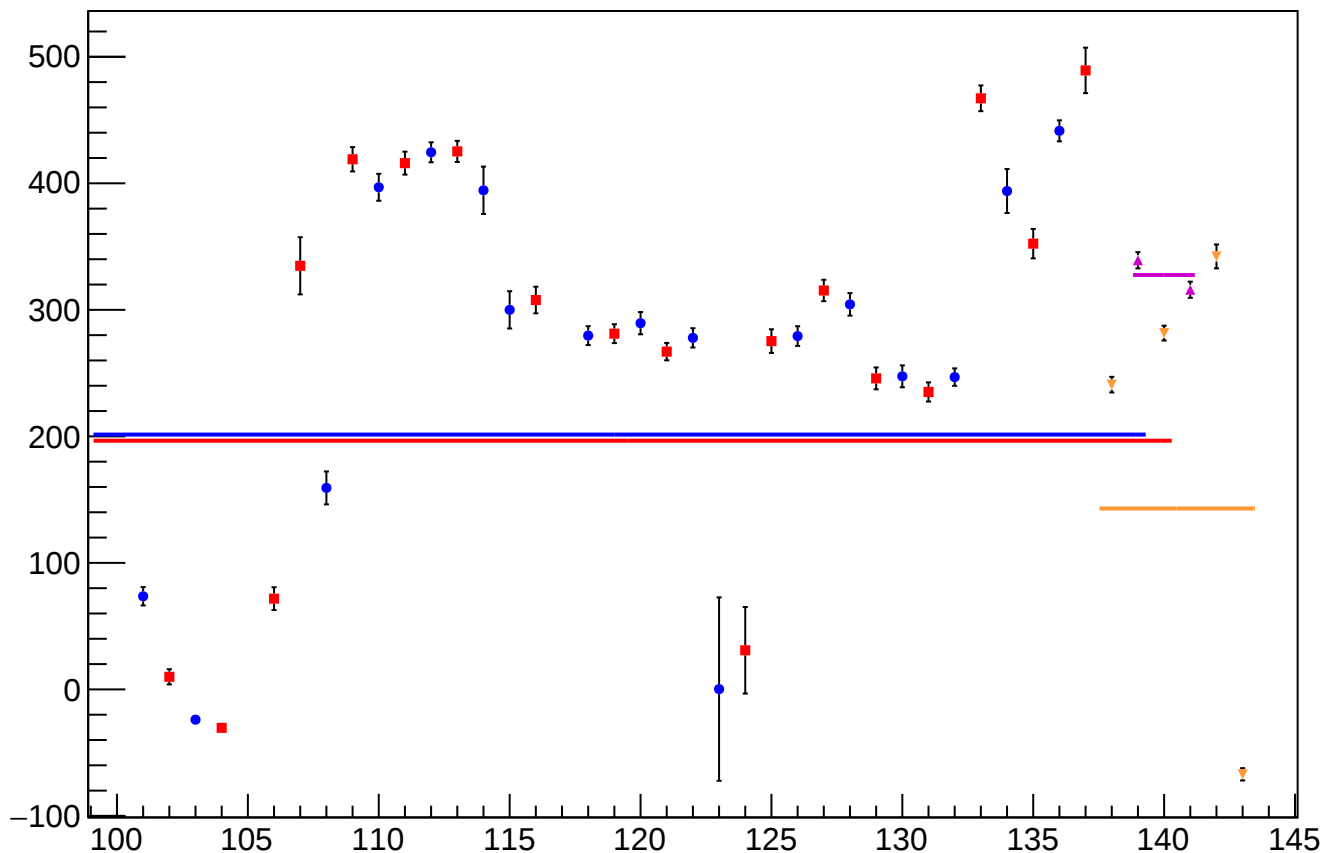
Right: 5.165 ± 0.764 $\chi^2/\text{NDF}: 543.2/34$

In: 5.128 ± 1.052 $\chi^2/\text{NDF}: 312.4/18$

Out: 3.485 ± 0.960 $\chi^2/\text{NDF}: 259.0/21$

All: 4.232 ± 0.709 $\chi^2/\text{NDF}: 572.7/40$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 142.989 $\pm$ 3.029 χ^2 /NDF:3122.8/3

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

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

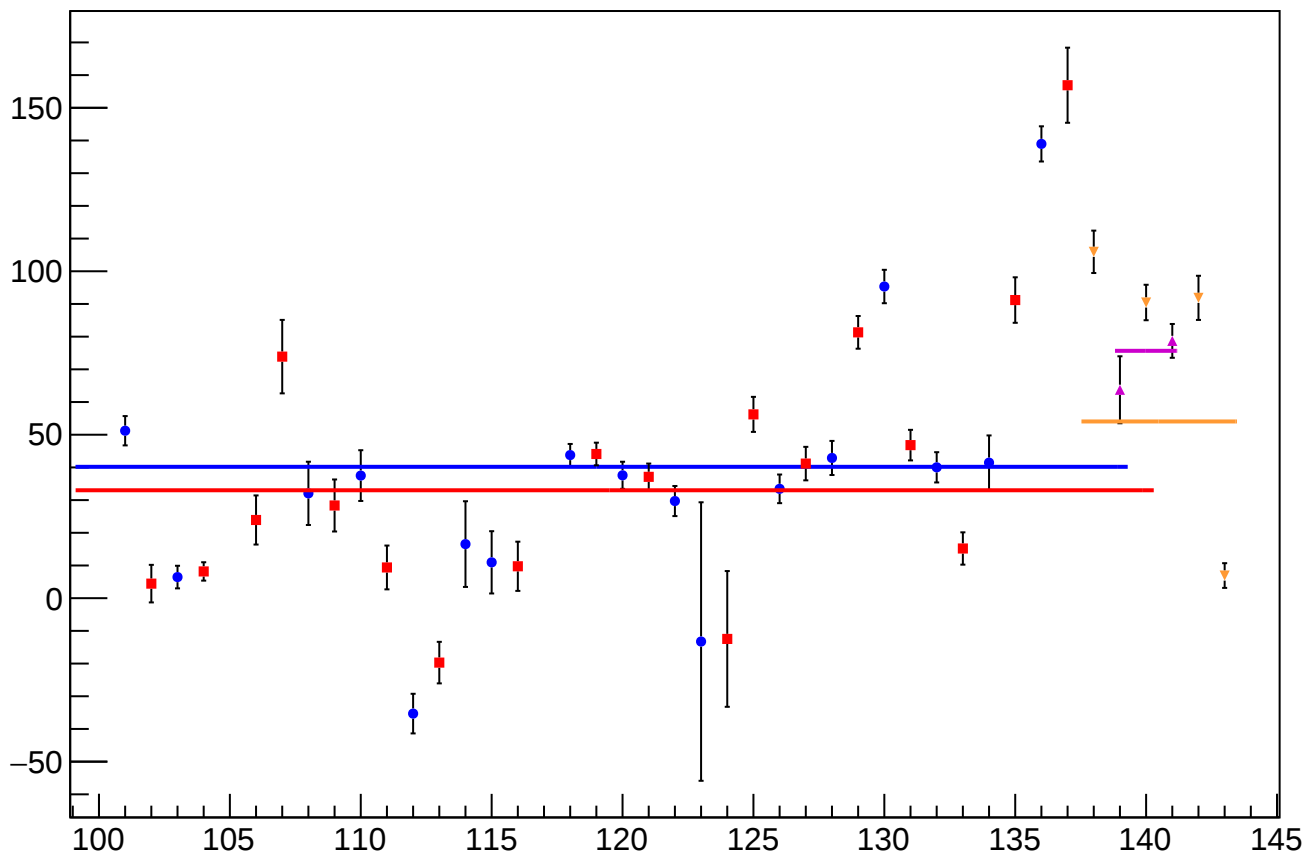
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 221.515 $\pm$ 1.810 χ^2 /NDF:7398.2/18

Out: 181.079 $\pm$ 1.628 χ^2 /NDF:11523.3/21

All: 199.172 $\pm$ 1.210 χ^2 /NDF: 19197.4/40

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 54.055 ± 2.584 $\chi^2/\text{NDF}: 295.9/3$

Right Out: 33.009 ± 1.253 $\chi^2/\text{NDF}: 547.2/17$

Left In: 75.664 ± 4.618 $\chi^2/\text{NDF}: 1.7/1$

Left: 59.208 ± 2.255 $\chi^2/\text{NDF}: 314.3/5$

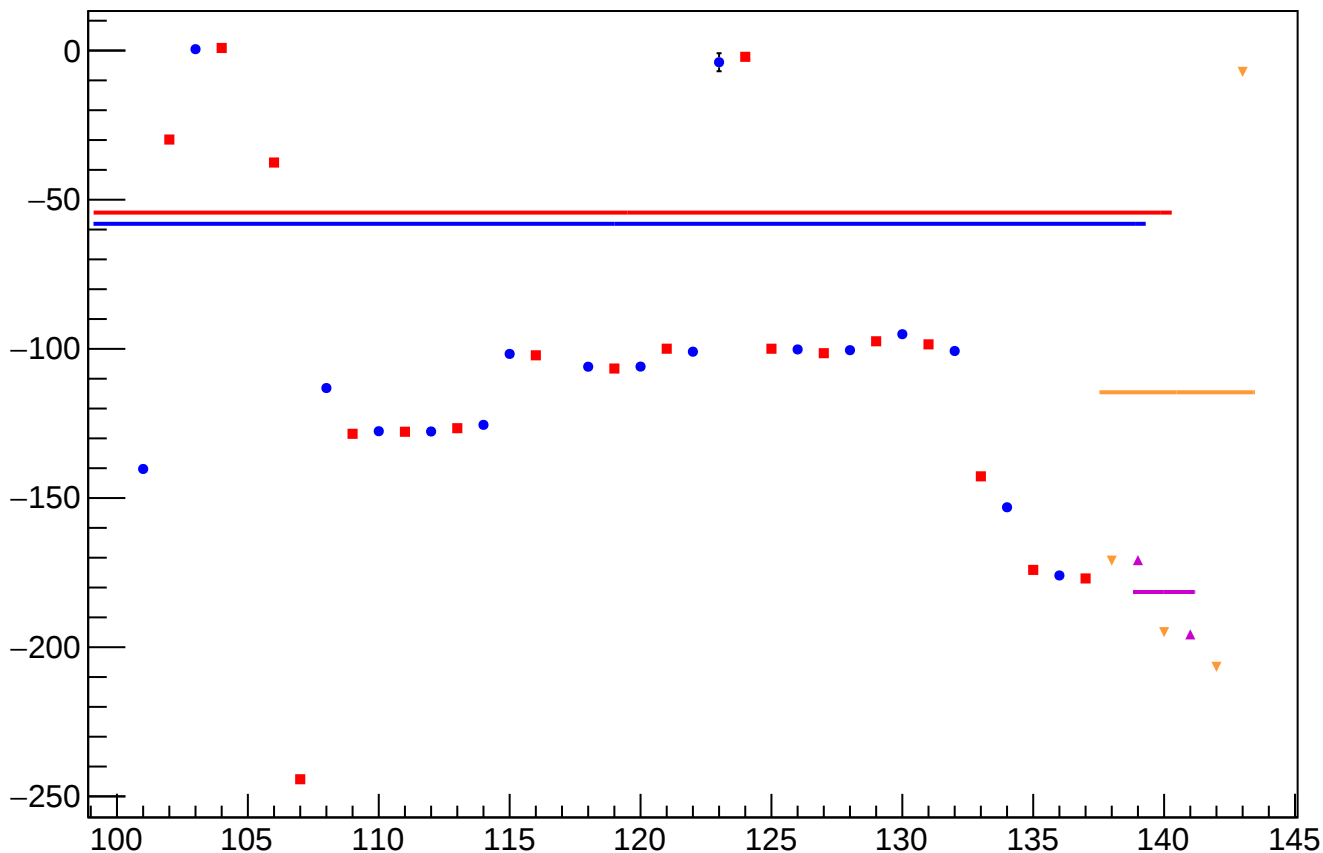
Right: 36.547 ± 0.892 $\chi^2/\text{NDF}: 1297.4/34$

In: 42.677 ± 1.224 $\chi^2/\text{NDF}: 790.6/18$

Out: 37.013 ± 1.127 $\chi^2/\text{NDF}: 896.8/21$

All: 39.612 ± 0.829 $\chi^2/\text{NDF}: 1699.0/40$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -114.548+/-0.124 χ^2/NDF : 513309.5/3

Right Out: -54.323+/-0.060 χ^2/NDF : 991053.6/17

Left In: -181.493+/-0.170 χ^2/NDF : 5232.4/1

Left: -137.711+/-0.100 χ^2/NDF : 619661.0/5

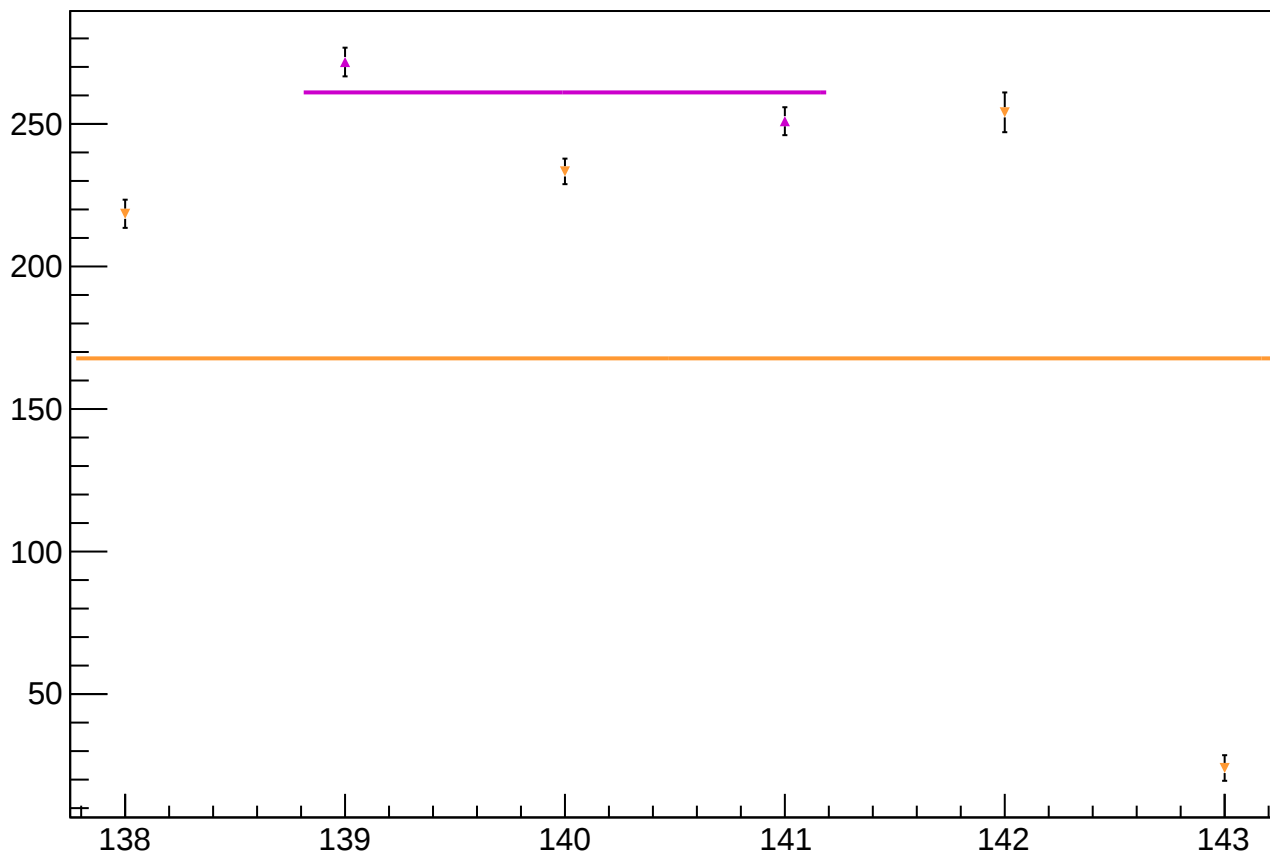
Right: -56.164+/-0.043 χ^2/NDF : 2097382.5/34

In: -72.372+/-0.058 χ^2/NDF : 1574293.2/18

Out: -65.909+/-0.054 χ^2/NDF : 1695384.6/21

All: -68.932+/-0.040 χ^2/NDF : 3276299.0/40

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

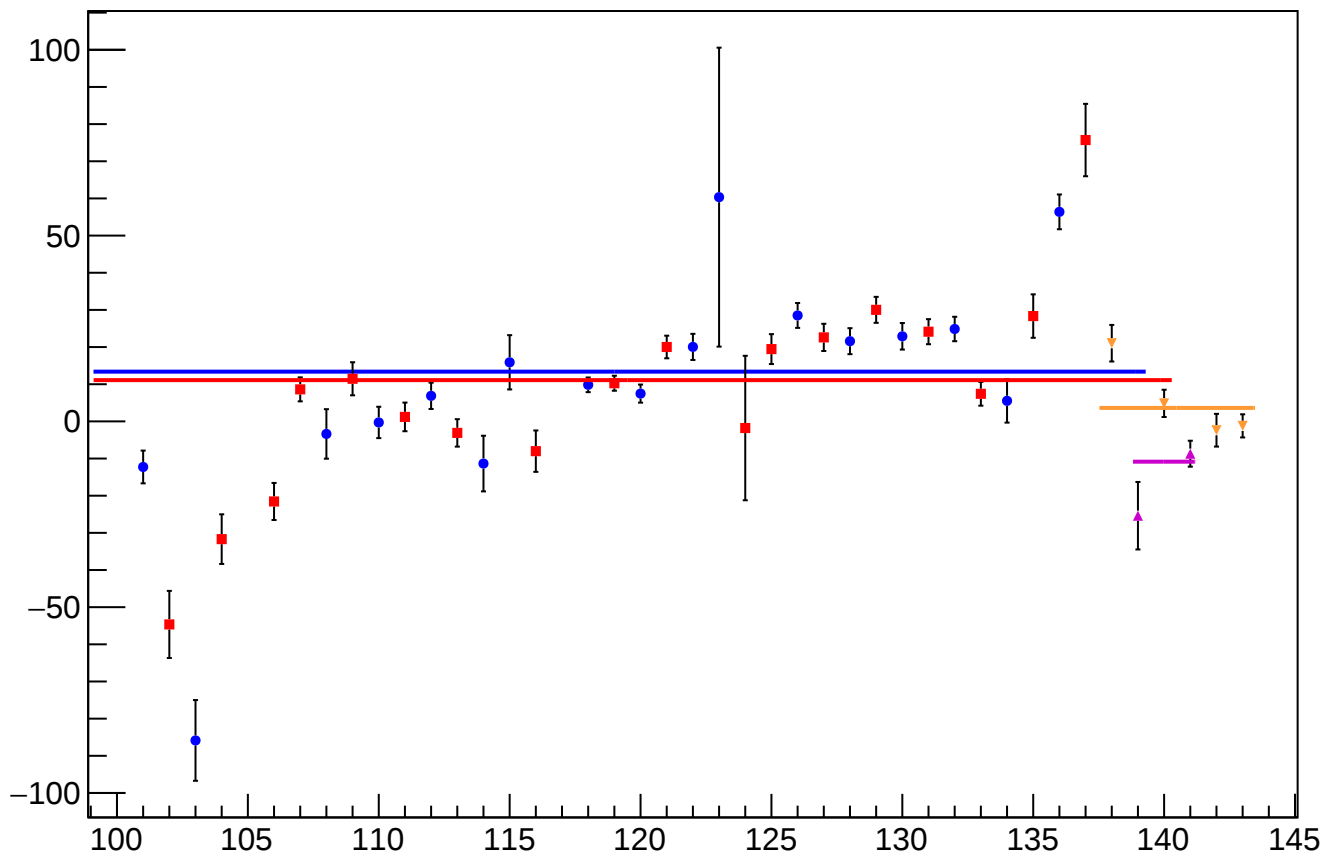
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 294.1/16

Left Out: 3.628 ± 1.923 χ^2/NDF : 16.9/3

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: -10.844 ± 3.258 χ^2/NDF : 2.9/1

Left: -0.112 ± 1.656 χ^2/NDF : 34.5/5

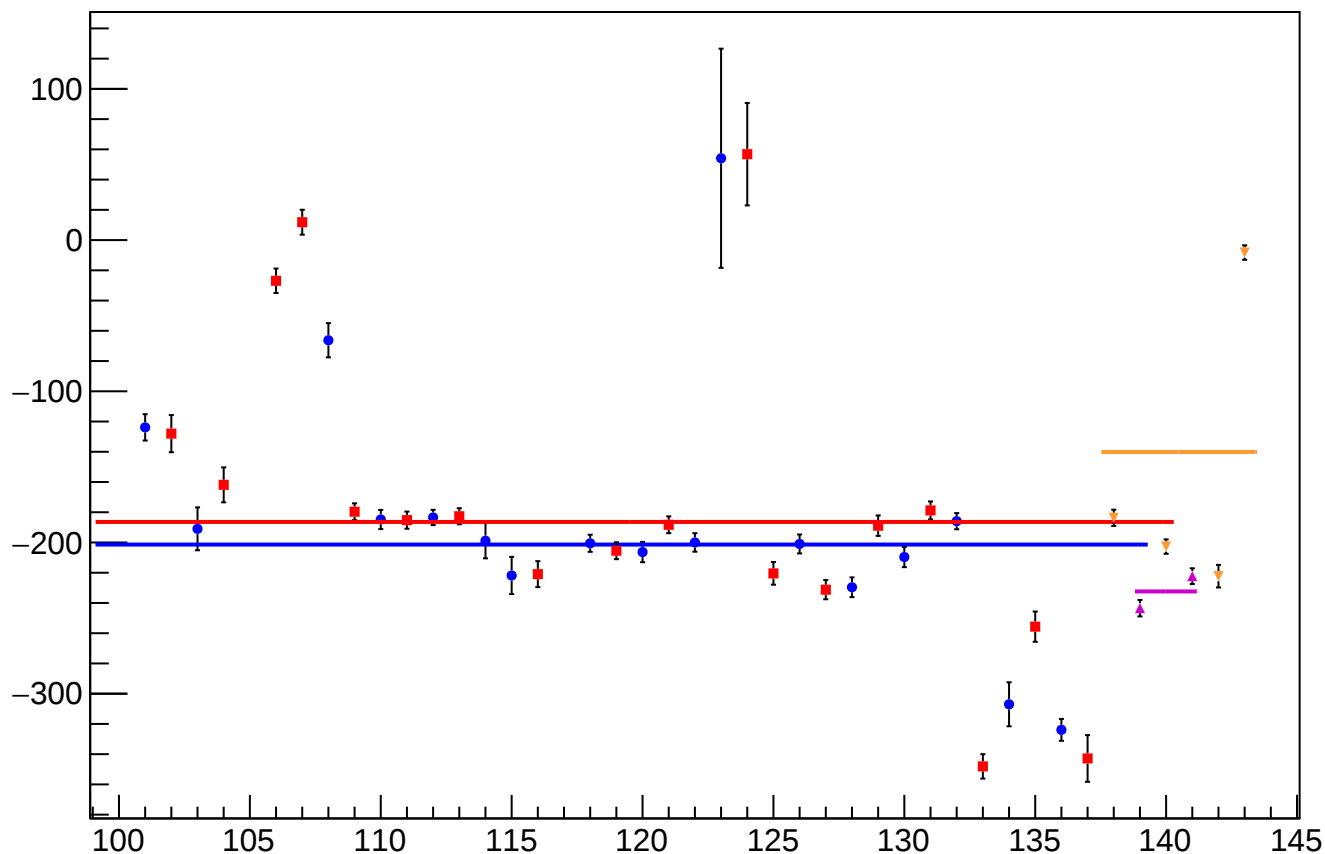
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 11.592 ± 0.886 χ^2/NDF : 348.2/18

Out: 9.721 ± 0.827 χ^2/NDF : 321.4/21

All: 10.591 ± 0.605 χ^2/NDF : 672.0/40

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -140.119 ± 2.670 χ^2/NDF : 1117.0/3

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -232.377 ± 3.764 χ^2/NDF : 7.9/1

Left: -170.991 ± 2.178 χ^2/NDF : 1524.6/5

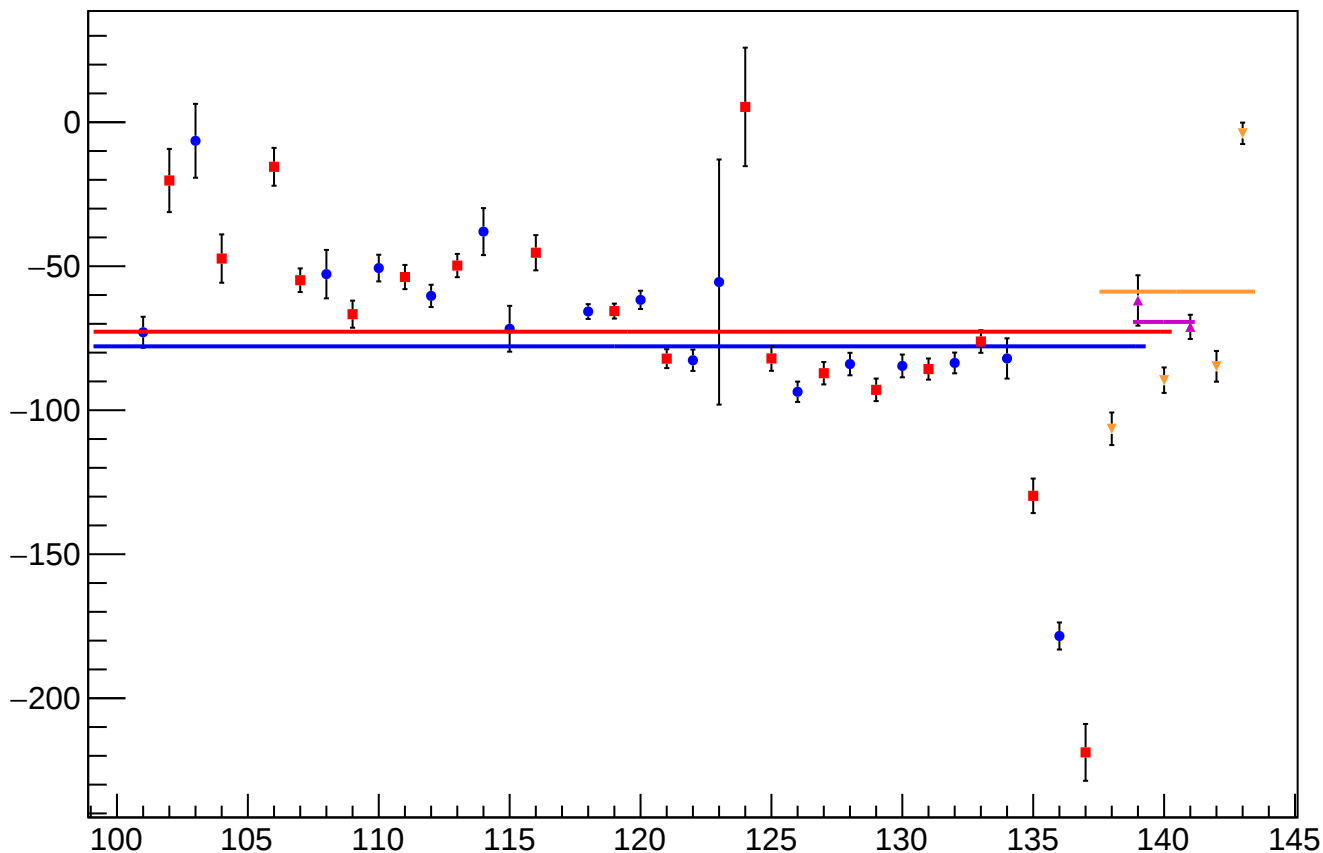
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -207.052 ± 1.612 χ^2/NDF : 688.3/18

Out: -173.016 ± 1.436 χ^2/NDF : 3030.2/21

All: -188.077 ± 1.072 χ^2/NDF : 3967.1/40

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -58.829 ± 2.295 χ^2/NDF : 361.3/3

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -69.337 ± 3.788 χ^2/NDF : 0.9/1

Left: -61.651 ± 1.963 χ^2/NDF : 367.8/5

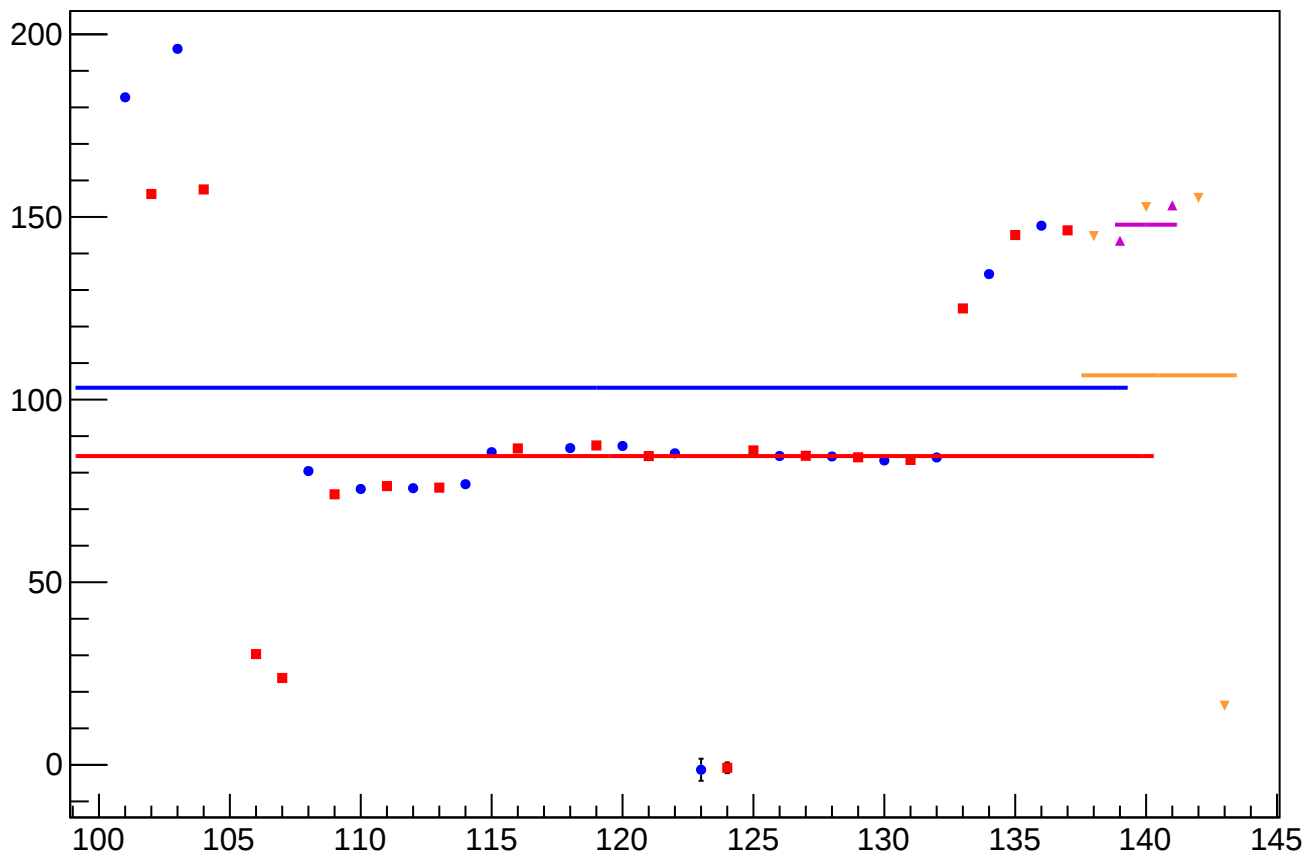
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.194 ± 1.028 χ^2/NDF : 661.9/18

Out: -70.314 ± 0.957 χ^2/NDF : 990.6/21

All: -73.510 ± 0.701 χ^2/NDF : 1676.5/40

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 106.655 $\pm$ 0.109 χ^2 /NDF: 328684.0/3

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

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

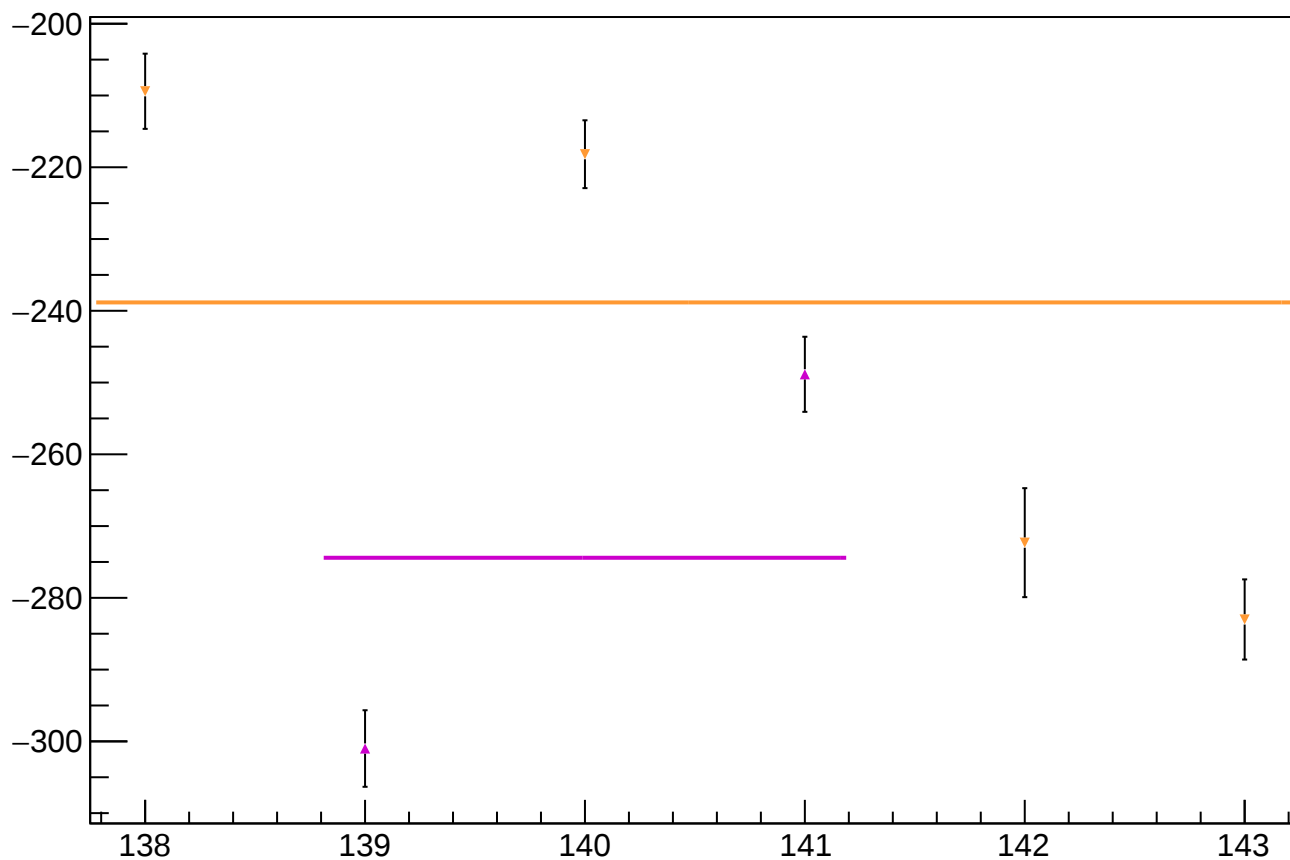
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 112.057 $\pm$ 0.063 χ^2 /NDF: 353750.6/18

Out: 90.162 $\pm$ 0.055 χ^2 /NDF: 770501.1/21

All: 99.649 $\pm$ 0.042 χ^2 /NDF: 1192431.6/40

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

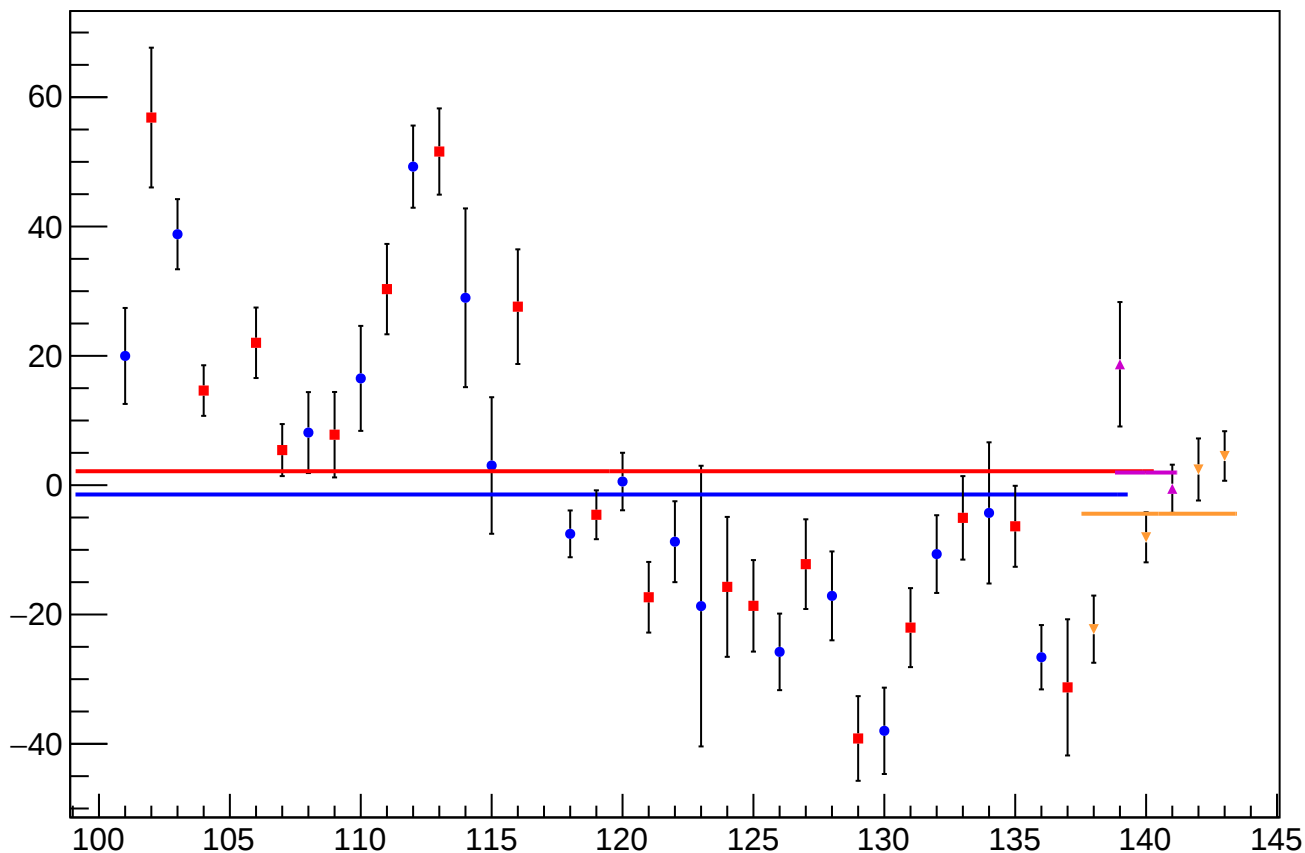
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 1.955 ± 3.476 $\chi^2/\text{NDF}: 3.5/1$

Left: -2.645 ± 1.832 $\chi^2/\text{NDF}: 26.1/5$

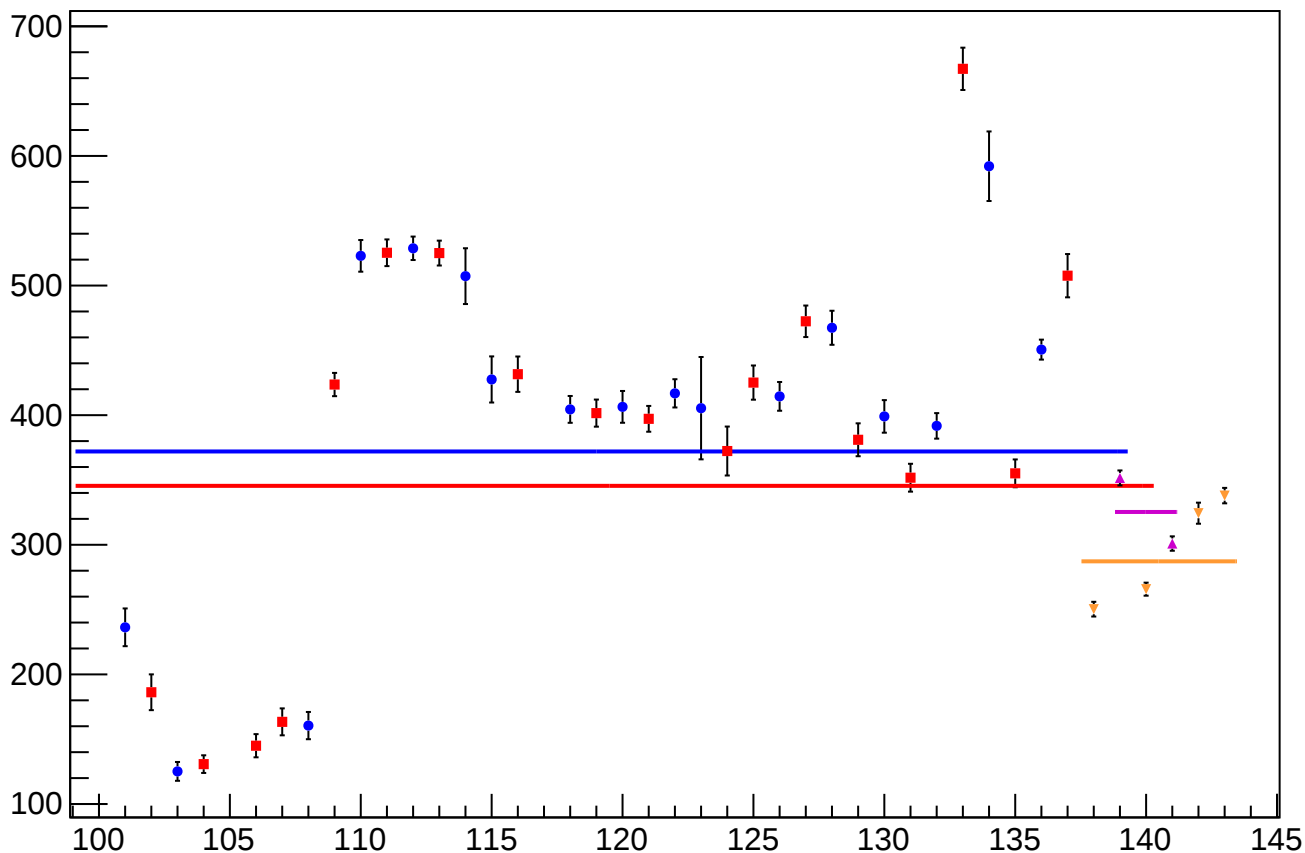
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: -0.897 ± 1.390 $\chi^2/\text{NDF}: 228.7/18$

Out: 0.205 ± 1.175 $\chi^2/\text{NDF}: 256.9/21$

All: -0.254 ± 0.897 $\chi^2/\text{NDF}: 485.9/40$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 ± 2.765 χ^2/NDF : 2431.2/16

Left Out: 287.228 ± 2.964 χ^2/NDF : 153.8/3

Right Out: 345.473 ± 2.564 χ^2/NDF : 3401.6/17

Left In: 325.318 ± 4.005 χ^2/NDF : 39.9/1

Left: 300.704 ± 2.383 χ^2/NDF : 252.2/5

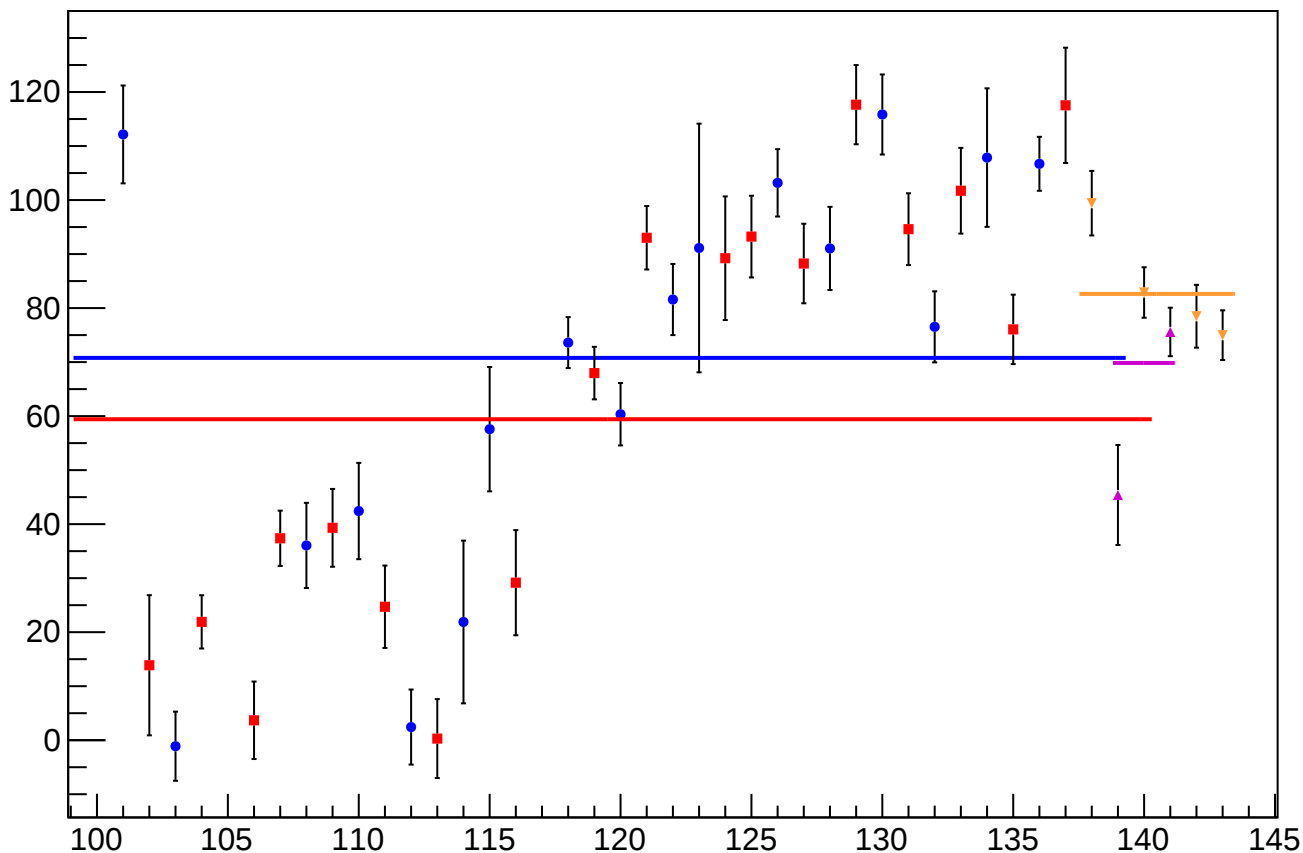
Right: 357.739 ± 1.880 χ^2/NDF : 5882.3/34

In: 356.934 ± 2.275 χ^2/NDF : 2563.1/18

Out: 320.538 ± 1.939 χ^2/NDF : 3776.3/21

All: 335.852 ± 1.476 χ^2/NDF : 6487.6/40

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 82.624 $\pm$ 2.577 χ^2 /NDF:11.2/3

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

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

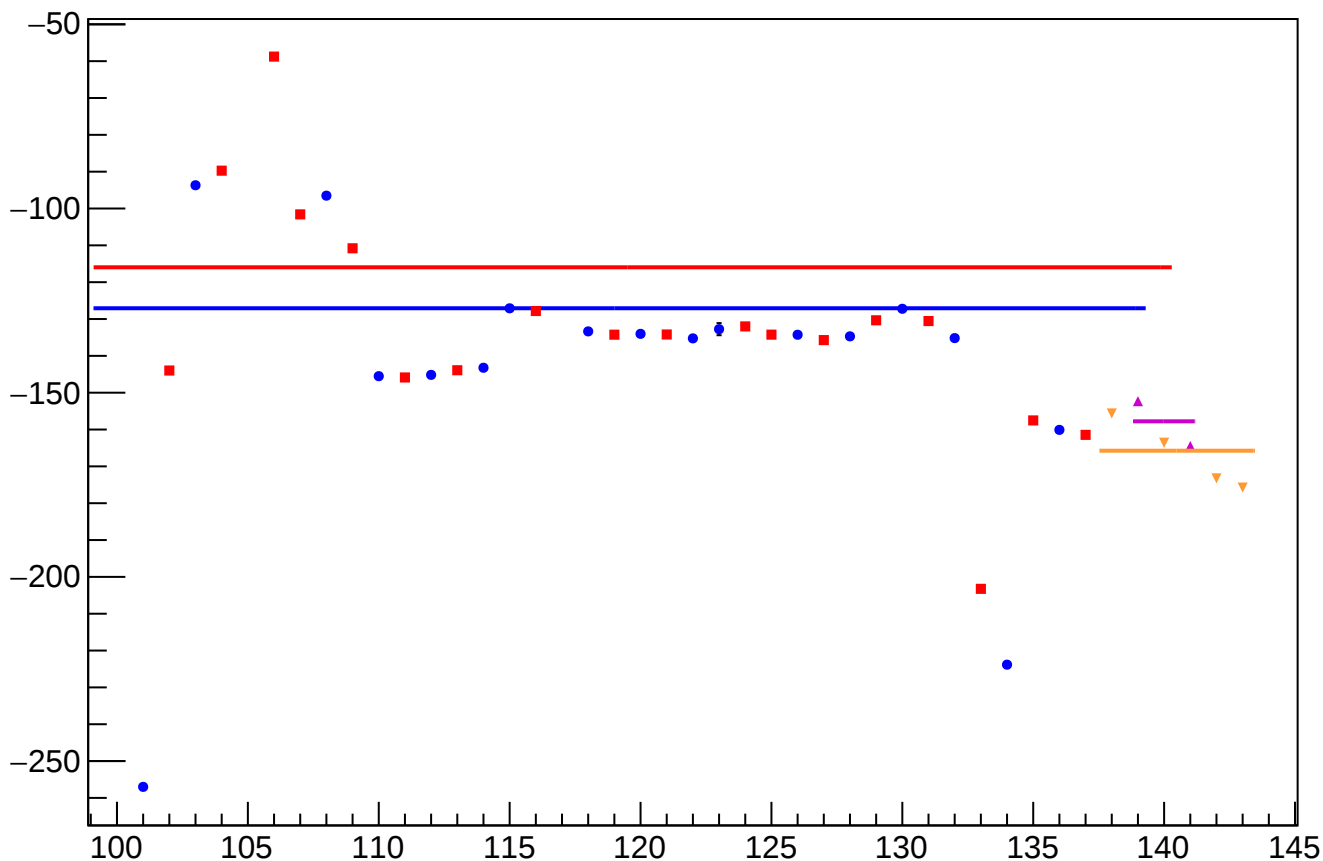
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 70.633 $\pm$ 1.603 χ^2 /NDF:432.6/18

Out: 66.062 $\pm$ 1.379 χ^2 /NDF:555.6/21

All: 68.006 $\pm$ 1.045 χ^2 /NDF: 992.9/40

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -165.747+/-0.122 χ^2/NDF : 4374.2/3

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -157.770+/-0.151 χ^2/NDF : 1604.2/1

Left: -162.593+/-0.095 χ^2/NDF : 7663.4/5

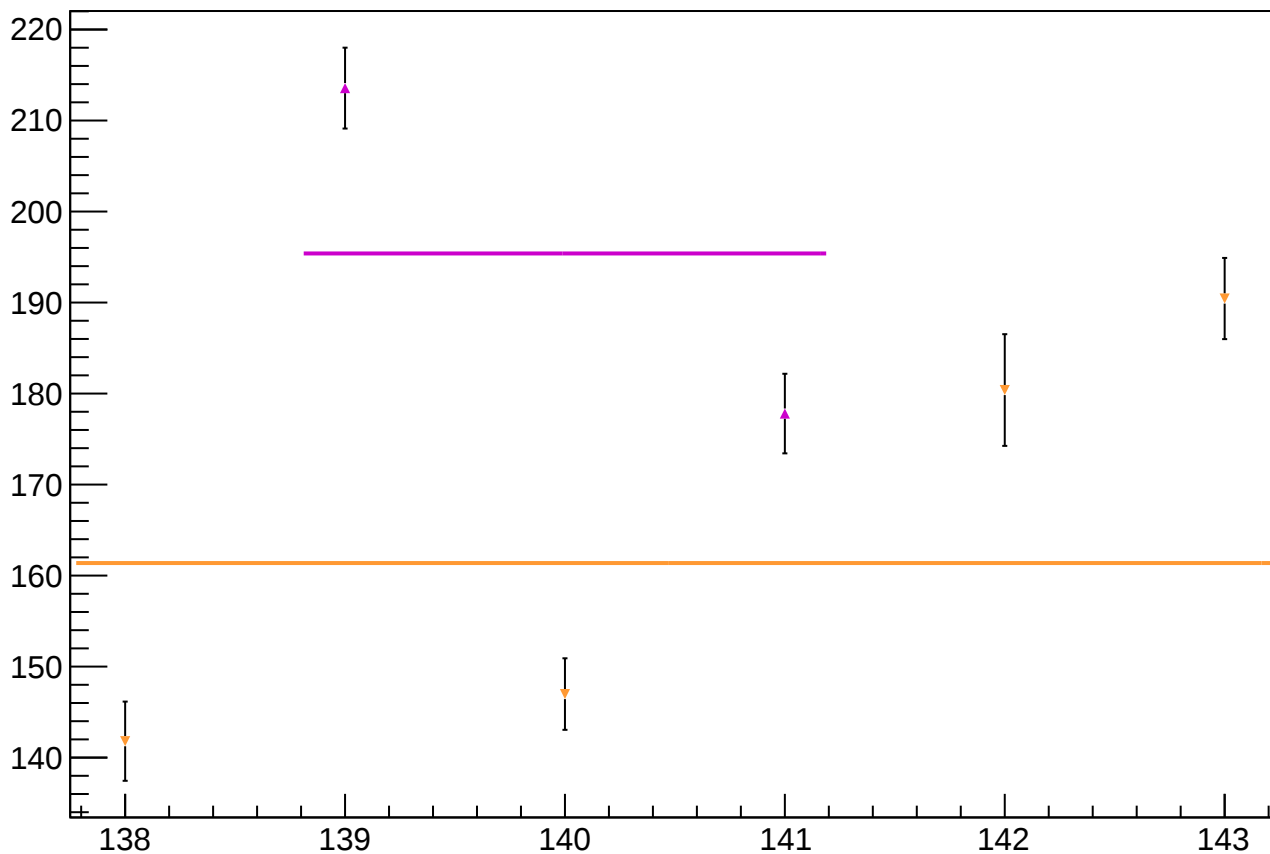
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -135.052+/-0.077 χ^2/NDF : 199176.5/18

Out: -131.681+/-0.069 χ^2/NDF : 276940.8/21

All: -133.174+/-0.051 χ^2/NDF : 477184.0/40

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

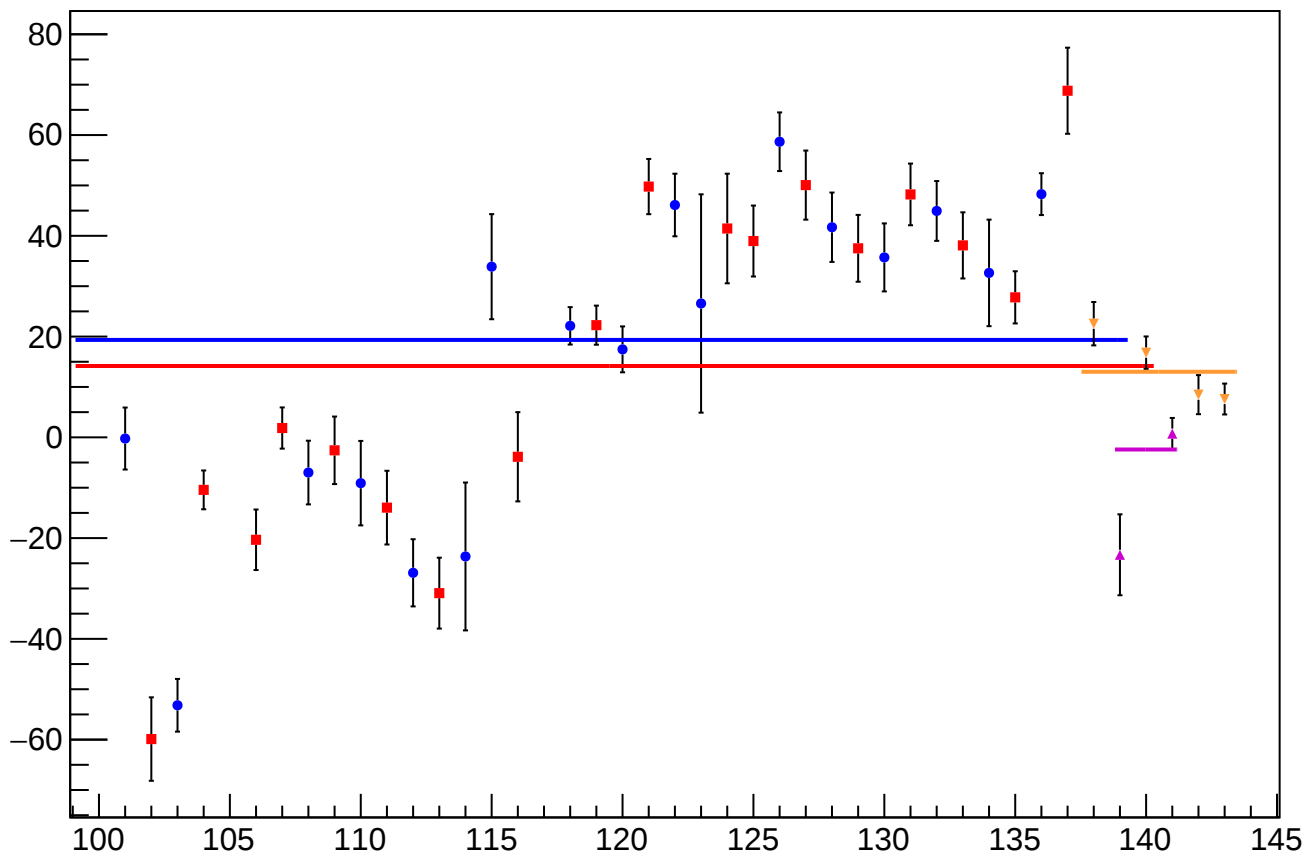
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 13.015 ± 1.759 $\chi^2/\text{NDF}: 10.8/3$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: -2.416 ± 2.906 $\chi^2/\text{NDF}: 7.8/1$

Left: 8.879 ± 1.505 $\chi^2/\text{NDF}: 39.2/5$

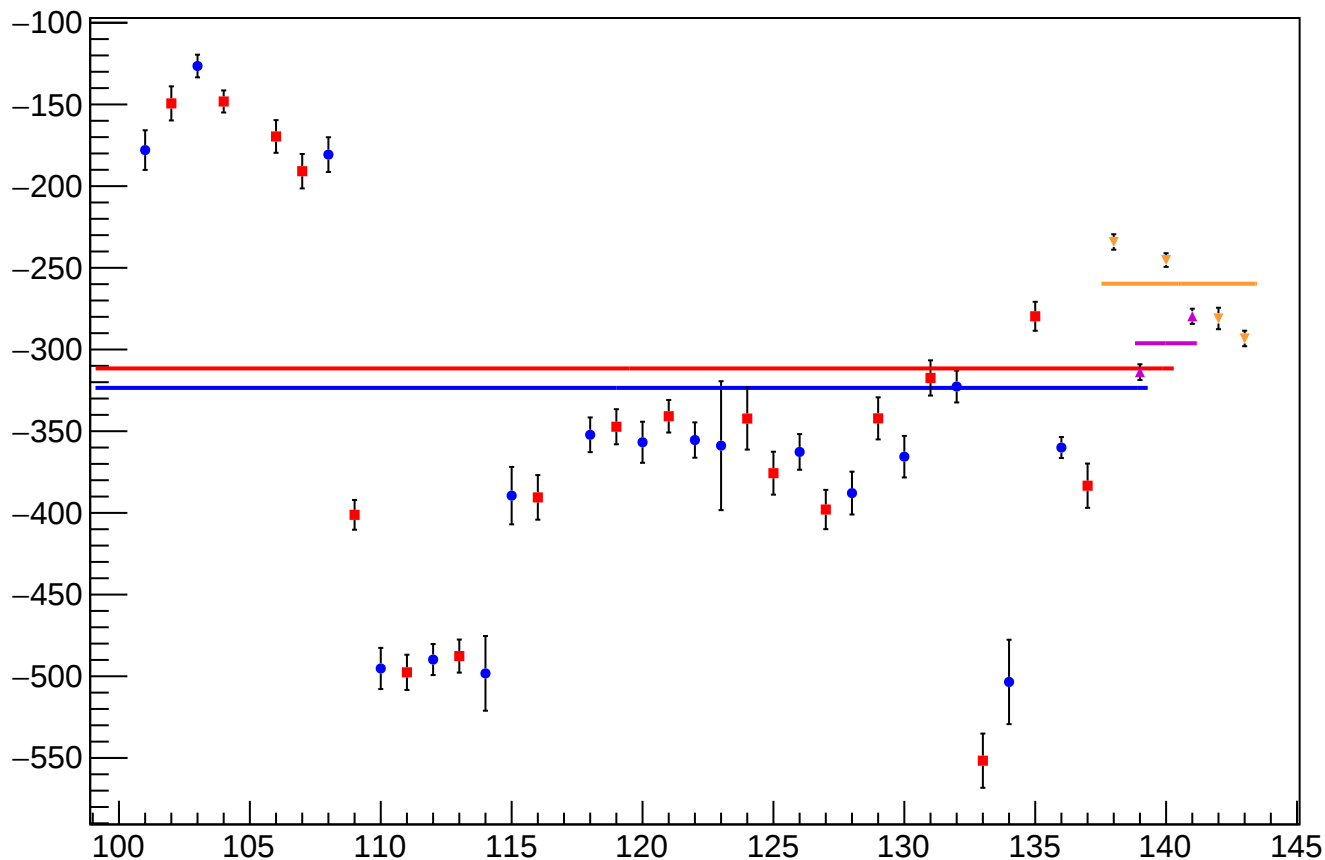
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 14.847 ± 1.320 $\chi^2/\text{NDF}: 492.1/18$

Out: 13.720 ± 1.091 $\chi^2/\text{NDF}: 437.1/21$

All: 14.177 ± 0.841 $\chi^2/\text{NDF}: 929.6/40$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -259.716 ± 2.430 χ^2/NDF : 101.4/3

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -296.170 ± 3.342 χ^2/NDF : 26.1/1

Left: -272.321 ± 1.965 χ^2/NDF : 205.4/5

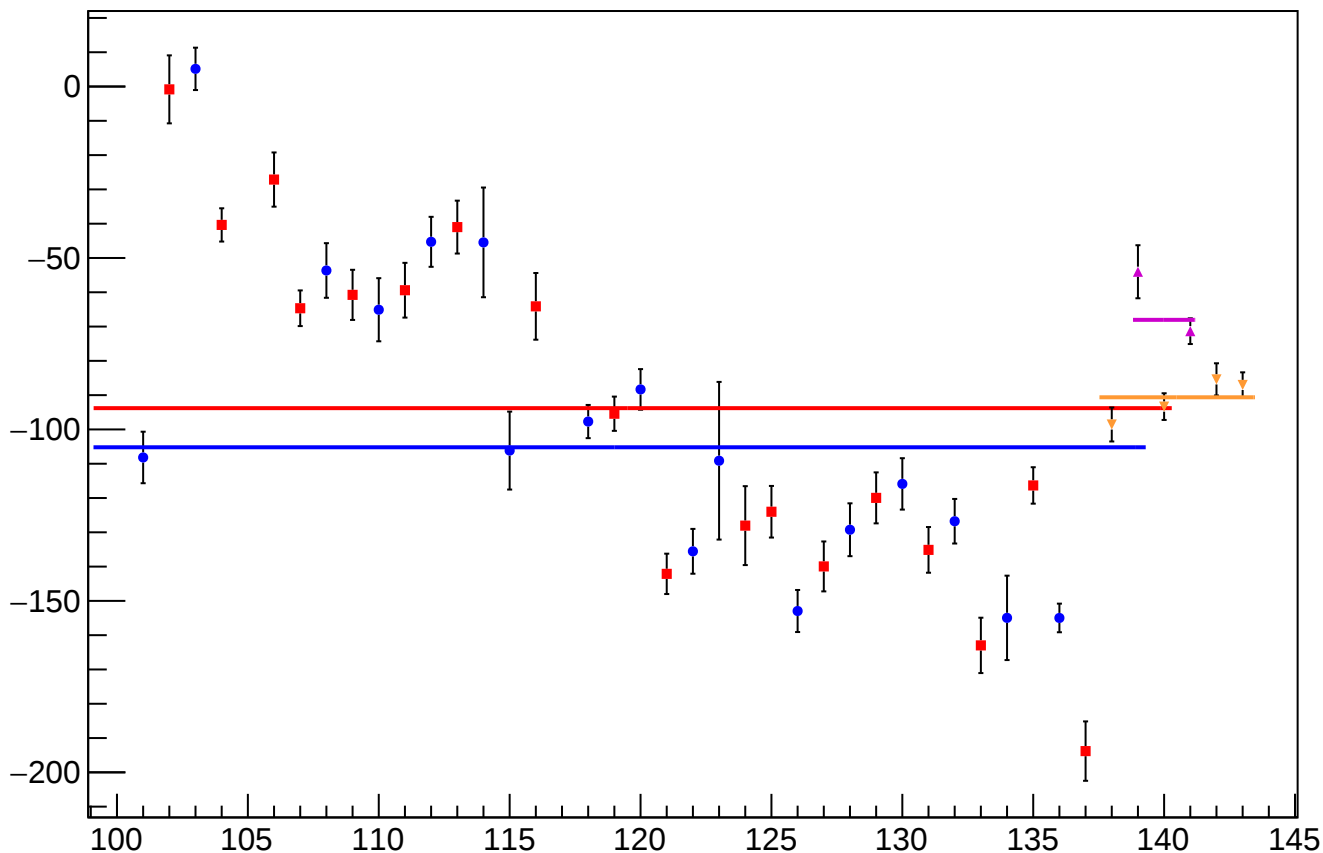
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -312.834 ± 2.087 χ^2/NDF : 1914.4/18

Out: -284.626 ± 1.751 χ^2/NDF : 2564.1/21

All: -296.281 ± 1.342 χ^2/NDF : 4585.7/40

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -90.627 ± 2.103 χ^2/NDF : 5.2/3

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -68.041 ± 3.376 χ^2/NDF : 4.1/1

Left: -84.313 ± 1.785 χ^2/NDF : 41.6/5

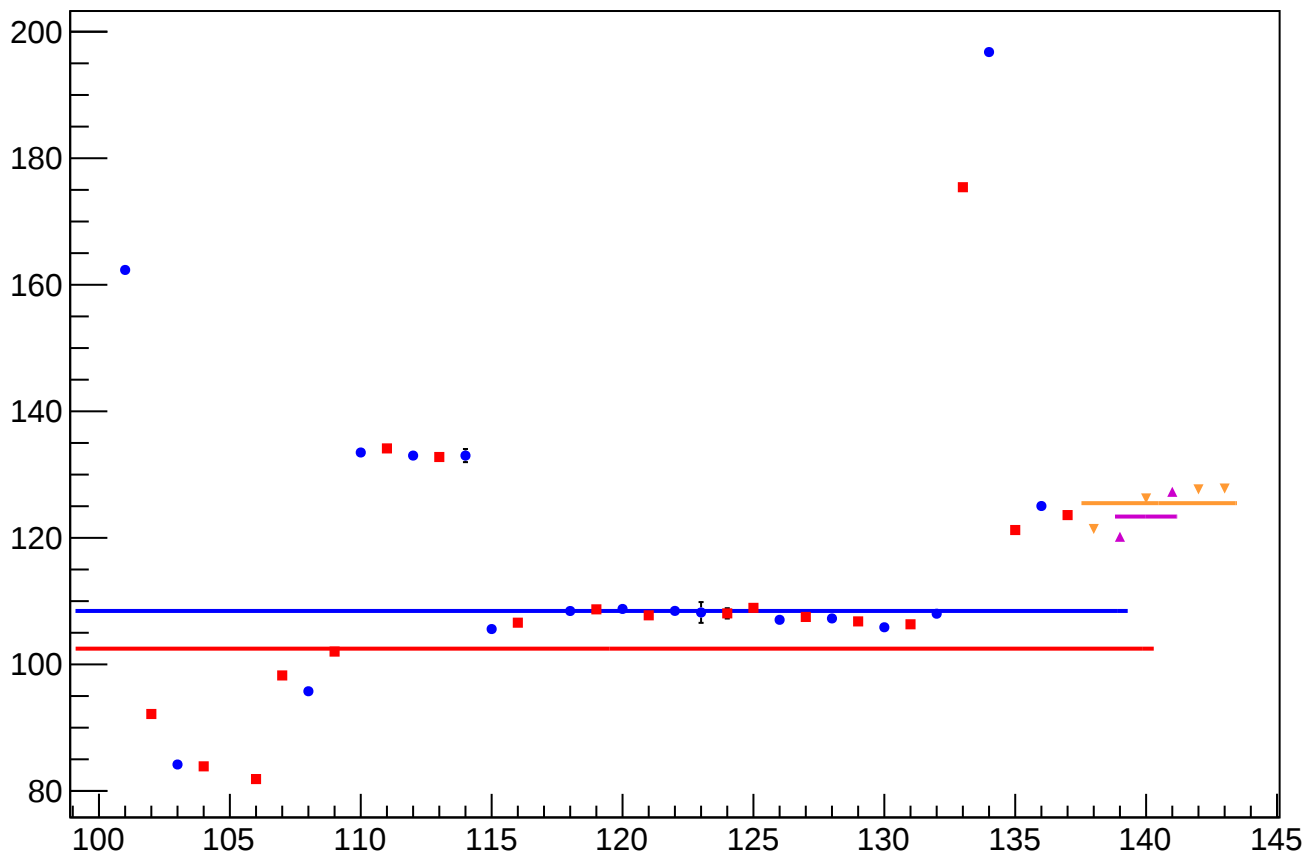
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -97.710 ± 1.516 χ^2/NDF : 836.4/18

Out: -92.622 ± 1.279 χ^2/NDF : 822.1/21

All: -94.738 ± 0.978 χ^2/NDF : 1665.1/40

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 125.485 $\pm$ 0.100 χ^2 /NDF: 704.8/3

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

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

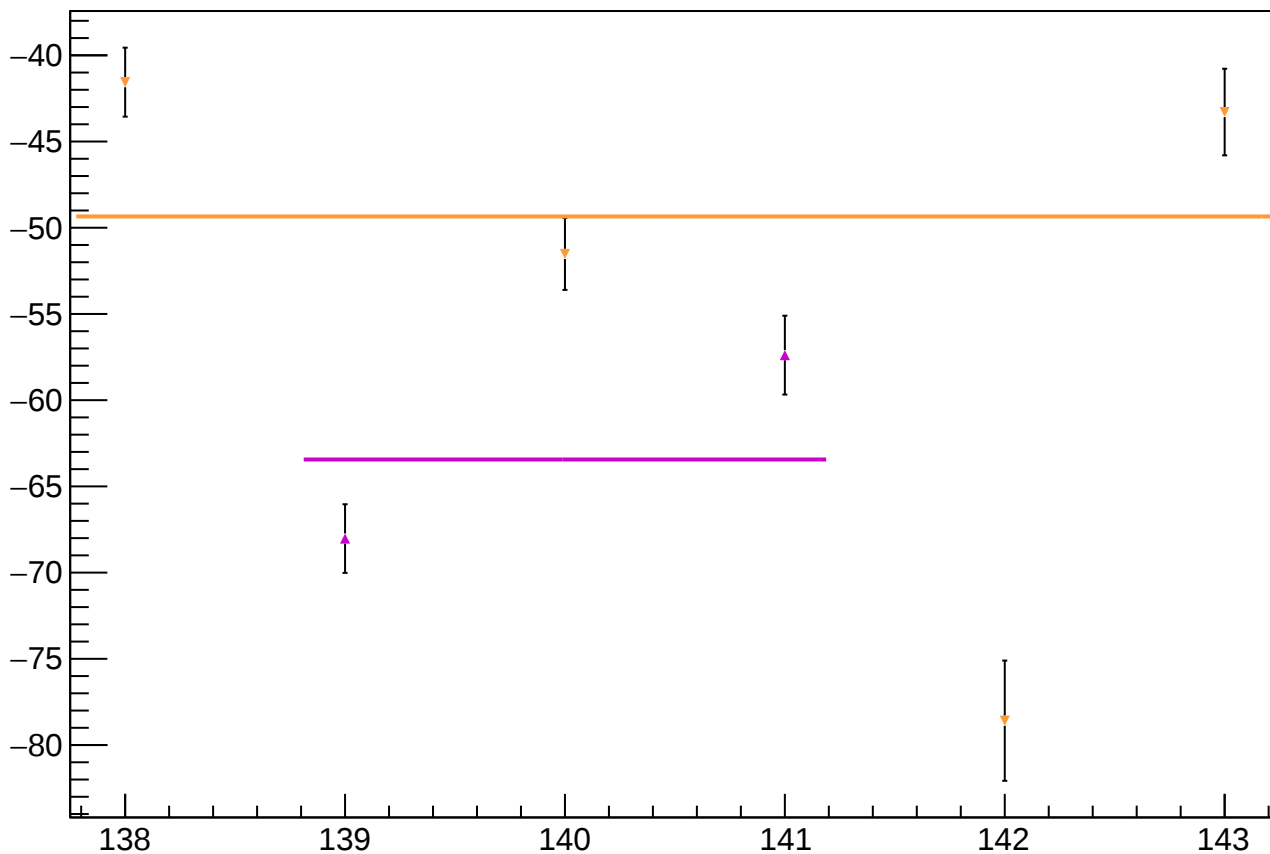
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 113.090 $\pm$ 0.070 χ^2 /NDF: 83681.6/18

Out: 111.402 $\pm$ 0.062 χ^2 /NDF: 85956.2/21

All: 112.143 $\pm$ 0.047 χ^2 /NDF: 169960.2/40

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

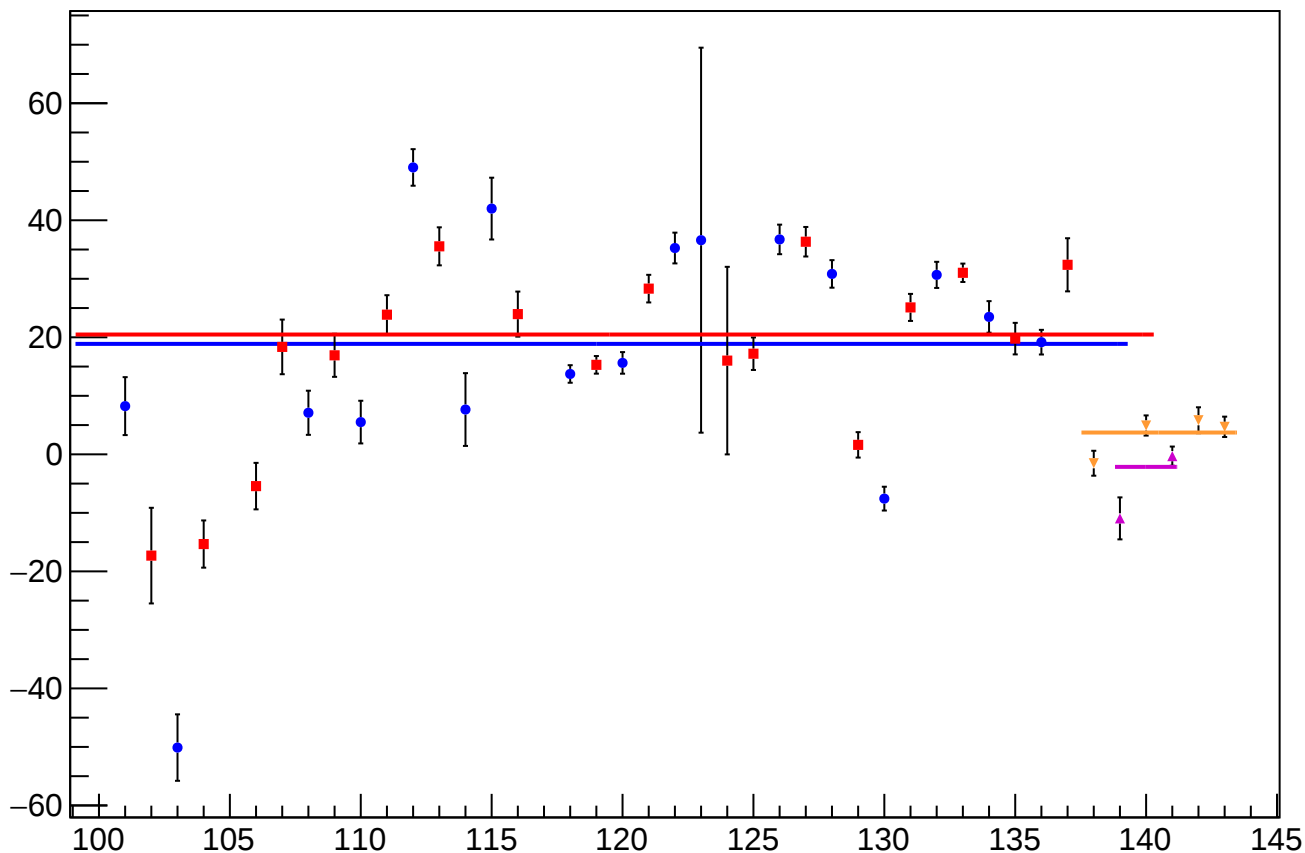
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.644 χ^2/NDF : 620.5/16

Left Out: 3.726+/-0.957 χ^2/NDF : 7.8/3

Right Out: 20.474+/-0.644 χ^2/NDF : 362.4/17

Left In: -2.143+/-1.490 χ^2/NDF : 7.3/1

Left: 2.012+/-0.805 χ^2/NDF : 26.0/5

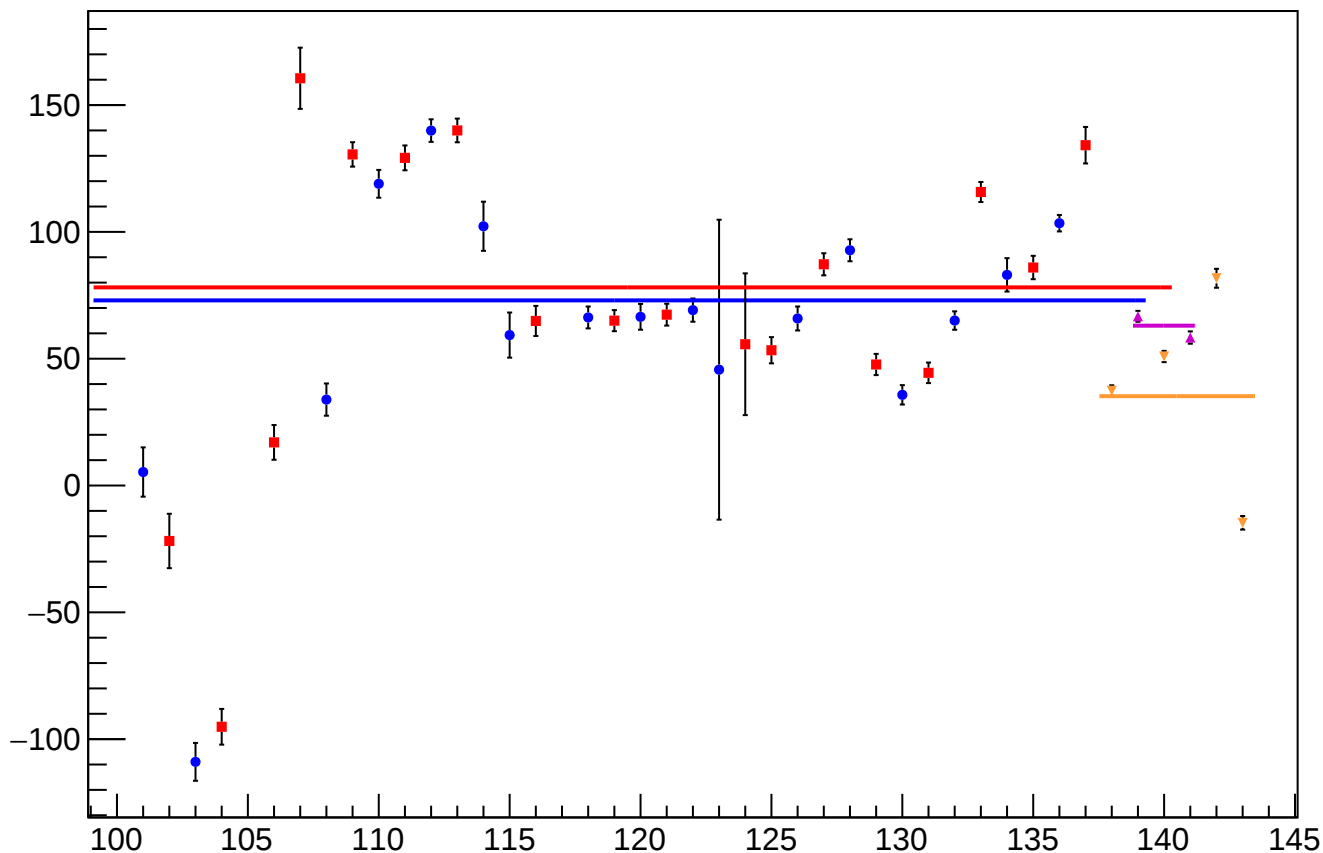
Right: 19.676+/-0.455 χ^2/NDF : 986.0/34

In: 15.563+/-0.591 χ^2/NDF : 795.4/18

Out: 15.259+/-0.534 χ^2/NDF : 581.1/21

All: 15.395+/-0.396 χ^2/NDF : 1376.7/40

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 35.225 $\pm$ 1.264 χ^2 /NDF: 552.9/3

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

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

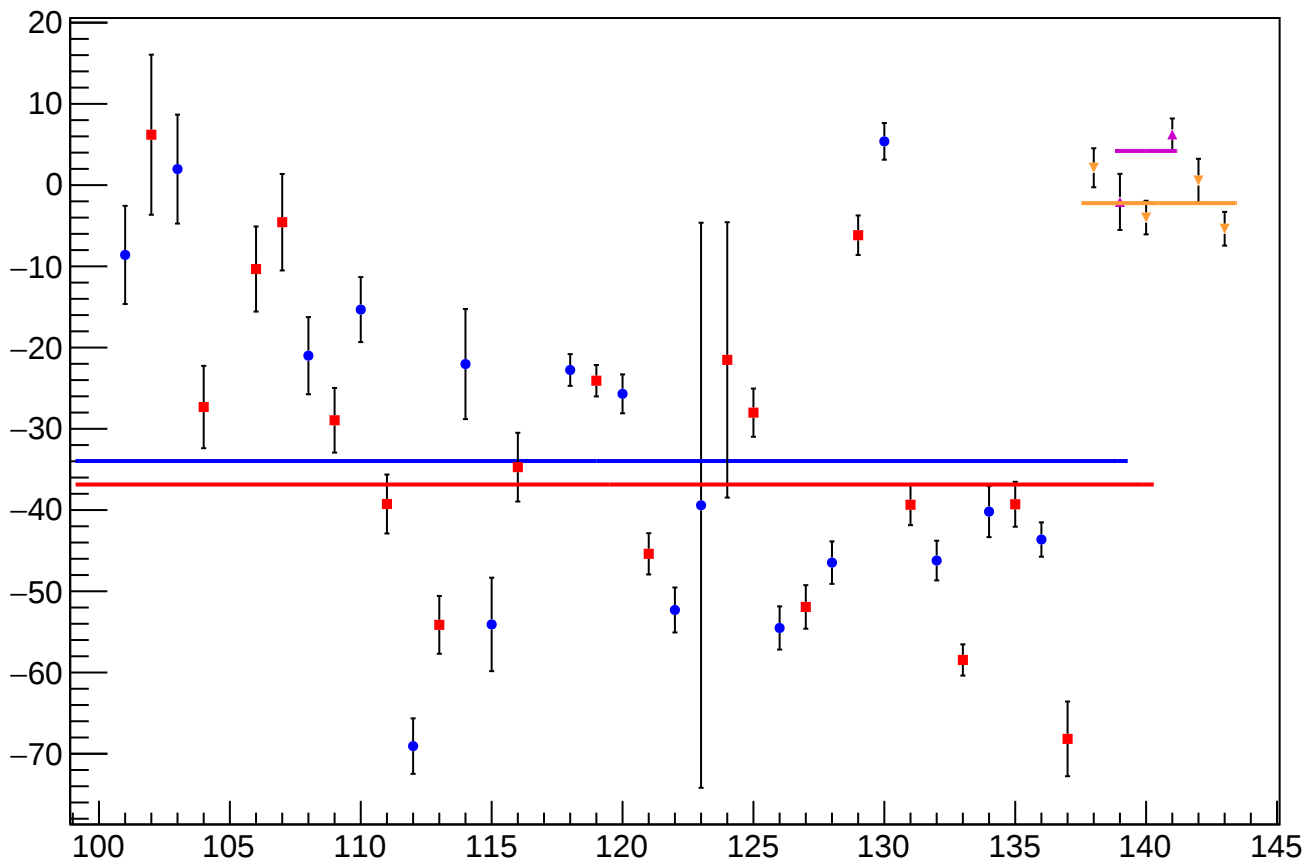
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 69.328 $\pm$ 0.978 χ^2 /NDF: 1236.2/18

Out: 57.366 $\pm$ 0.879 χ^2 /NDF: 2694.0/21

All: 62.713 $\pm$ 0.654 χ^2 /NDF: 4012.9/40

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: -36.856 ± 0.737 $\chi^2/\text{NDF}: 535.3/17$

Left In: 4.206 ± 1.708 $\chi^2/\text{NDF}: 4.4/1$

Left: -0.254 ± 0.945 $\chi^2/\text{NDF}: 21.6/5$

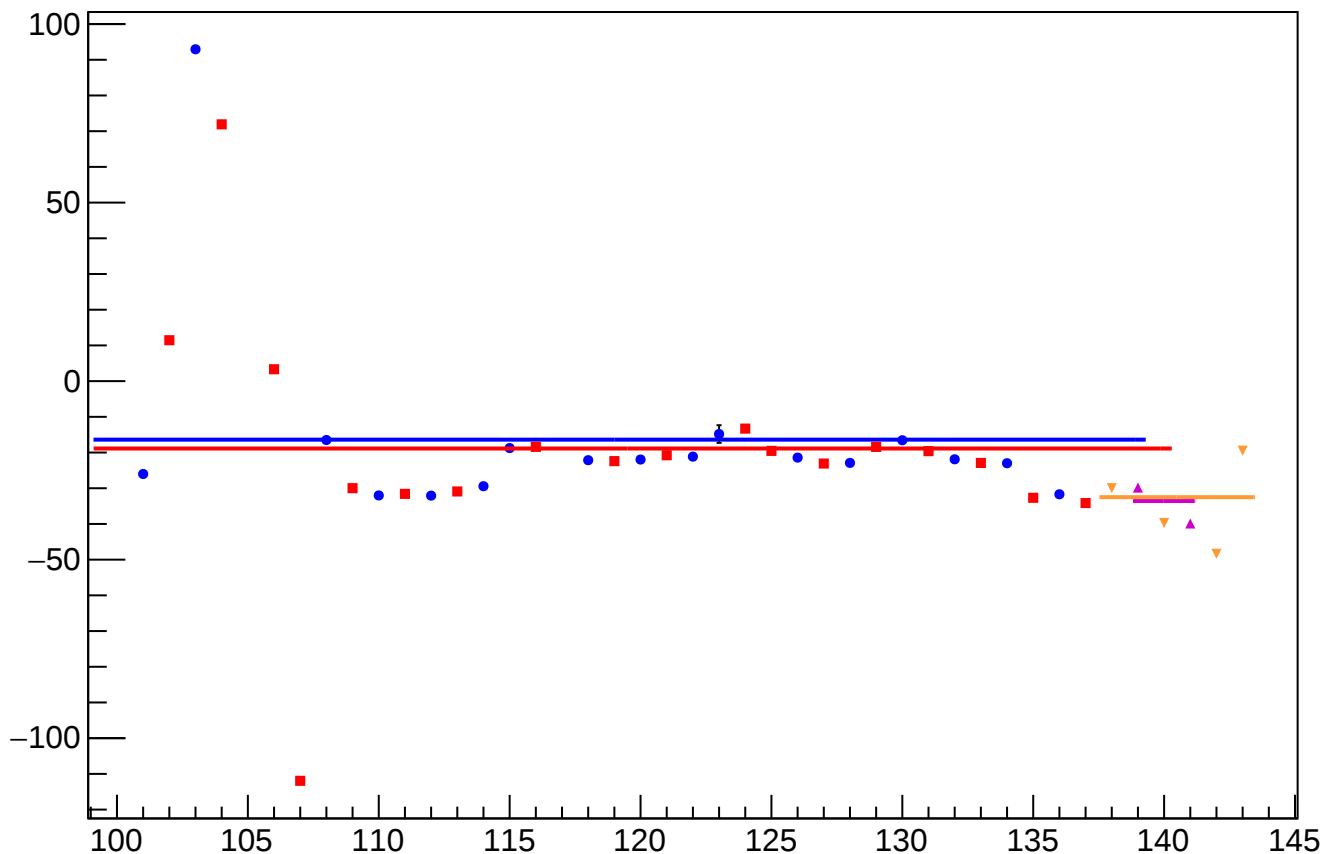
Right: -35.411 ± 0.521 $\chi^2/\text{NDF}: 1264.9/34$

In: -27.968 ± 0.677 $\chi^2/\text{NDF}: 1147.1/18$

Out: -26.565 ± 0.618 $\chi^2/\text{NDF}: 1199.1/21$

All: -27.202 ± 0.456 $\chi^2/\text{NDF}: 2348.5/40$

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -32.503 ± 0.051 $\chi^2/\text{NDF}: 32331.3/3$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -33.579 ± 0.060 $\chi^2/\text{NDF}: 6579.0/1$

Left: -32.959 ± 0.039 $\chi^2/\text{NDF}: 39095.5/5$

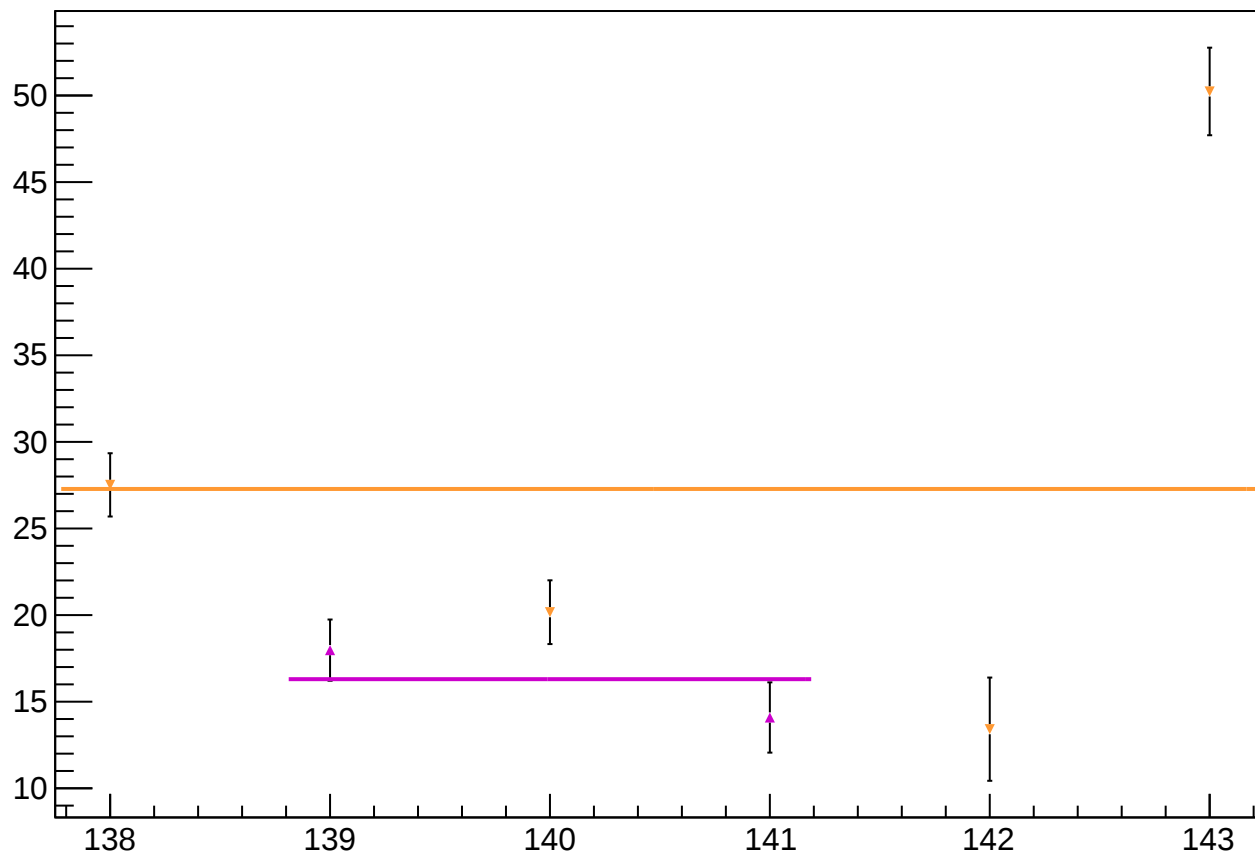
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -22.481 ± 0.036 $\chi^2/\text{NDF}: 533872.9/18$

Out: -24.823 ± 0.034 $\chi^2/\text{NDF}: 505240.3/21$

All: -23.710 ± 0.025 $\chi^2/\text{NDF}: 1041368.9/40$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

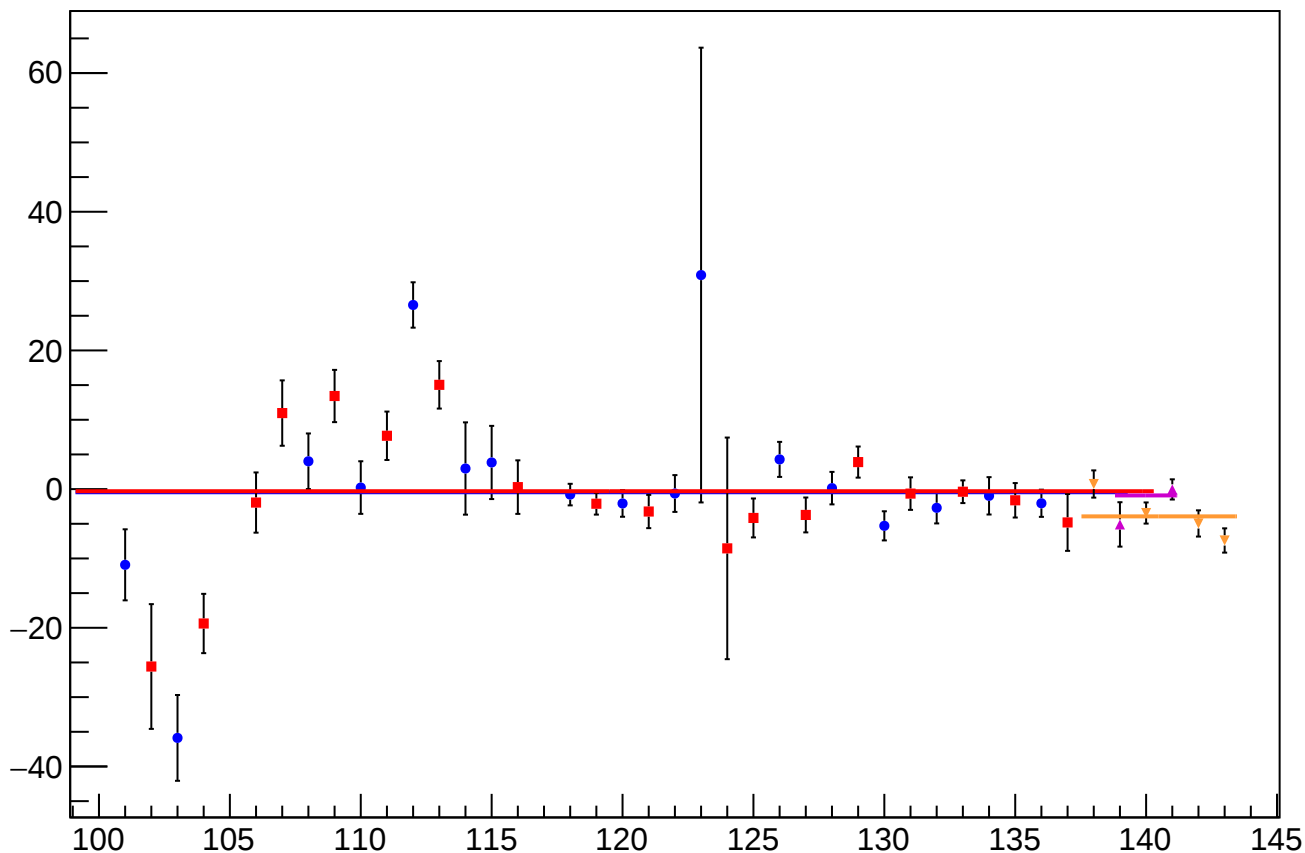
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.911 ± 1.326 χ^2/NDF : 2.1/1

Left: -3.011 ± 0.732 χ^2/NDF : 15.7/5

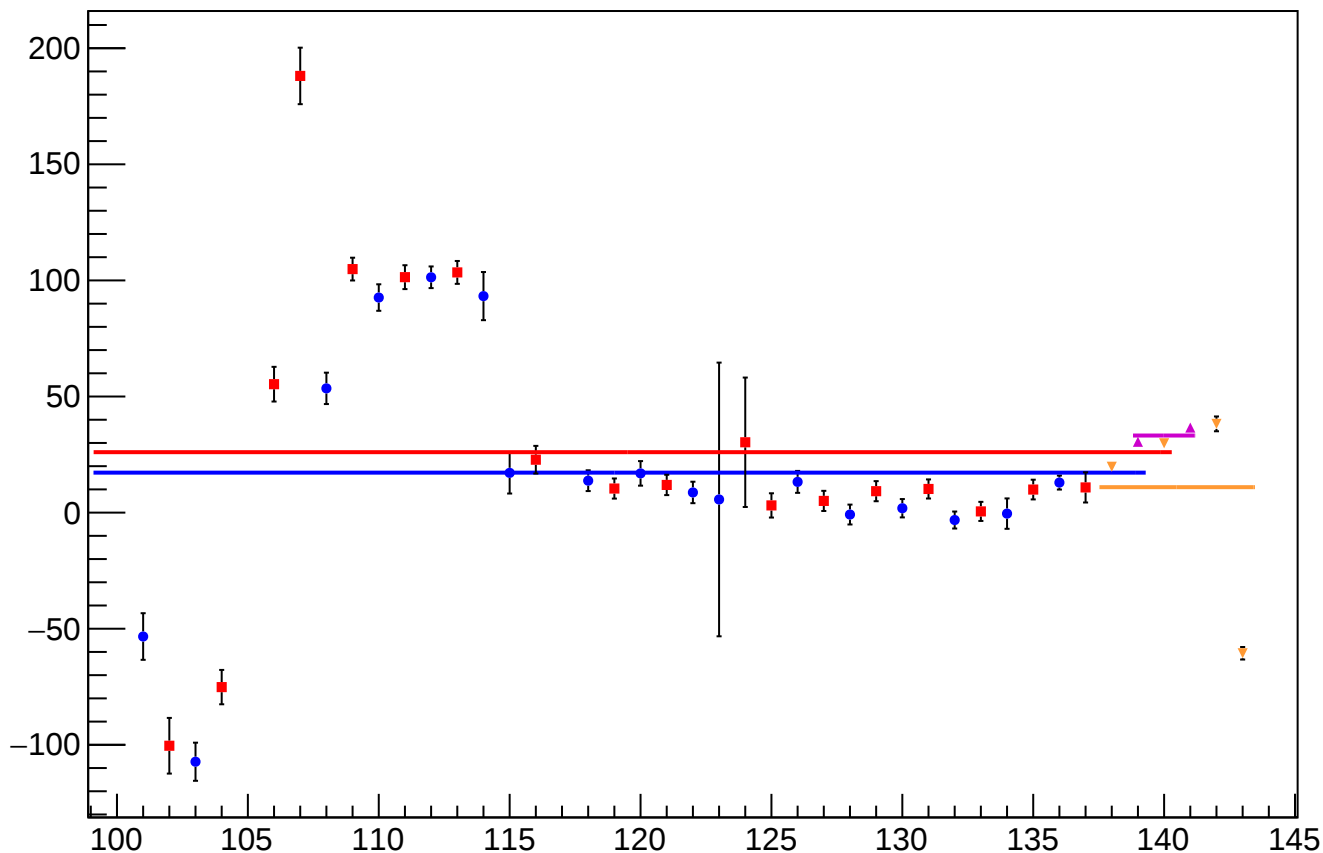
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.542 ± 0.587 χ^2/NDF : 121.7/18

Out: -1.607 ± 0.526 χ^2/NDF : 105.0/21

All: -1.132 ± 0.392 χ^2/NDF : 228.5/40

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16

Left Out: 10.958 $\pm$ 1.154 χ^2 /NDF:889.2/3

Right Out: 26.032 $\pm$ 1.244 χ^2 /NDF: 1366.0/17

Left In: 33.199 $\pm$ 1.431 χ^2 /NDF:4.5/1

Left: 19.727 $\pm$ 0.898 χ^2 /NDF: 1040.1/5

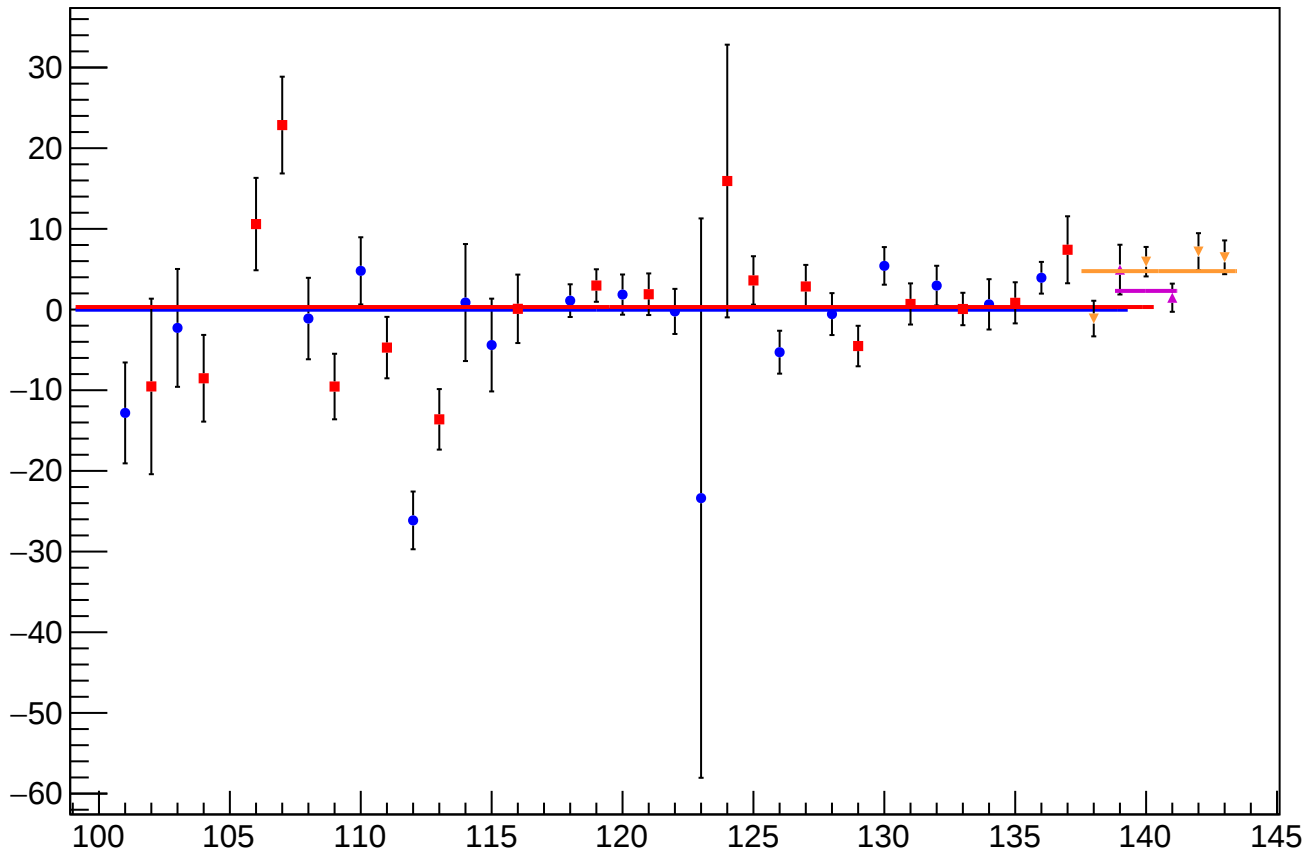
Right: 21.614 $\pm$ 0.879 χ^2 /NDF: 2331.3/34

In: 24.079 $\pm$ 0.937 χ^2 /NDF:1015.8/18

Out: 17.932 $\pm$ 0.846 χ^2 /NDF:2334.1/21

All: 20.691 $\pm$ 0.628 χ^2 /NDF: 3373.6/40

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 $\chi^2/\text{NDF}: 75.8/16$

Left Out: 4.760 ± 1.040 $\chi^2/\text{NDF}: 9.3/3$

Right Out: 0.311 ± 0.749 $\chi^2/\text{NDF}: 54.1/17$

Left In: 2.310 ± 1.519 $\chi^2/\text{NDF}: 1.0/1$

Left: 3.979 ± 0.858 $\chi^2/\text{NDF}: 12.0/5$

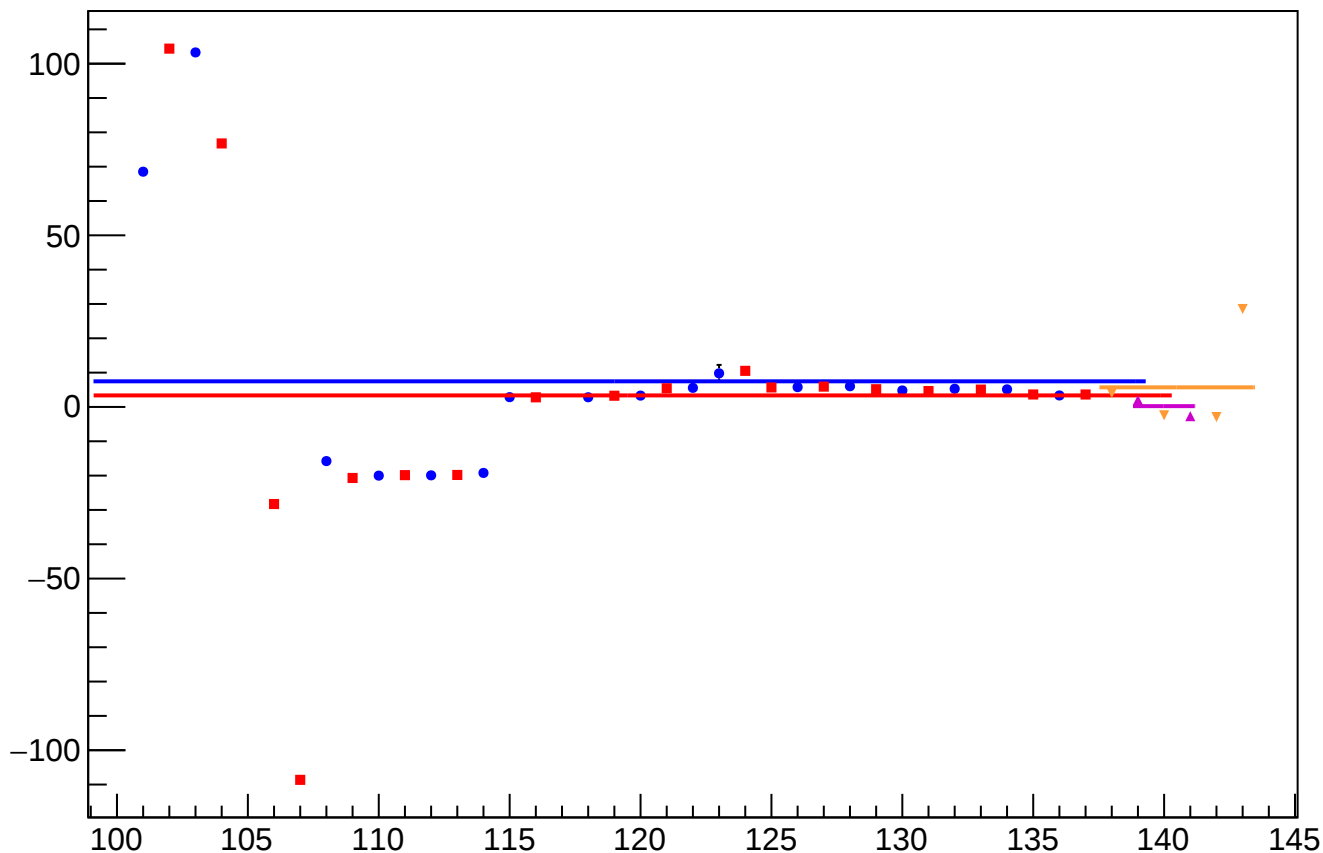
Right: 0.144 ± 0.528 $\chi^2/\text{NDF}: 130.0/34$

In: 0.430 ± 0.669 $\chi^2/\text{NDF}: 78.7/18$

Out: 1.833 ± 0.608 $\chi^2/\text{NDF}: 75.4/21$

All: 1.198 ± 0.450 $\chi^2/\text{NDF}: 156.6/40$

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 5.712 $\pm$ 0.047 χ^2 /NDF:58659.5/3

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

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

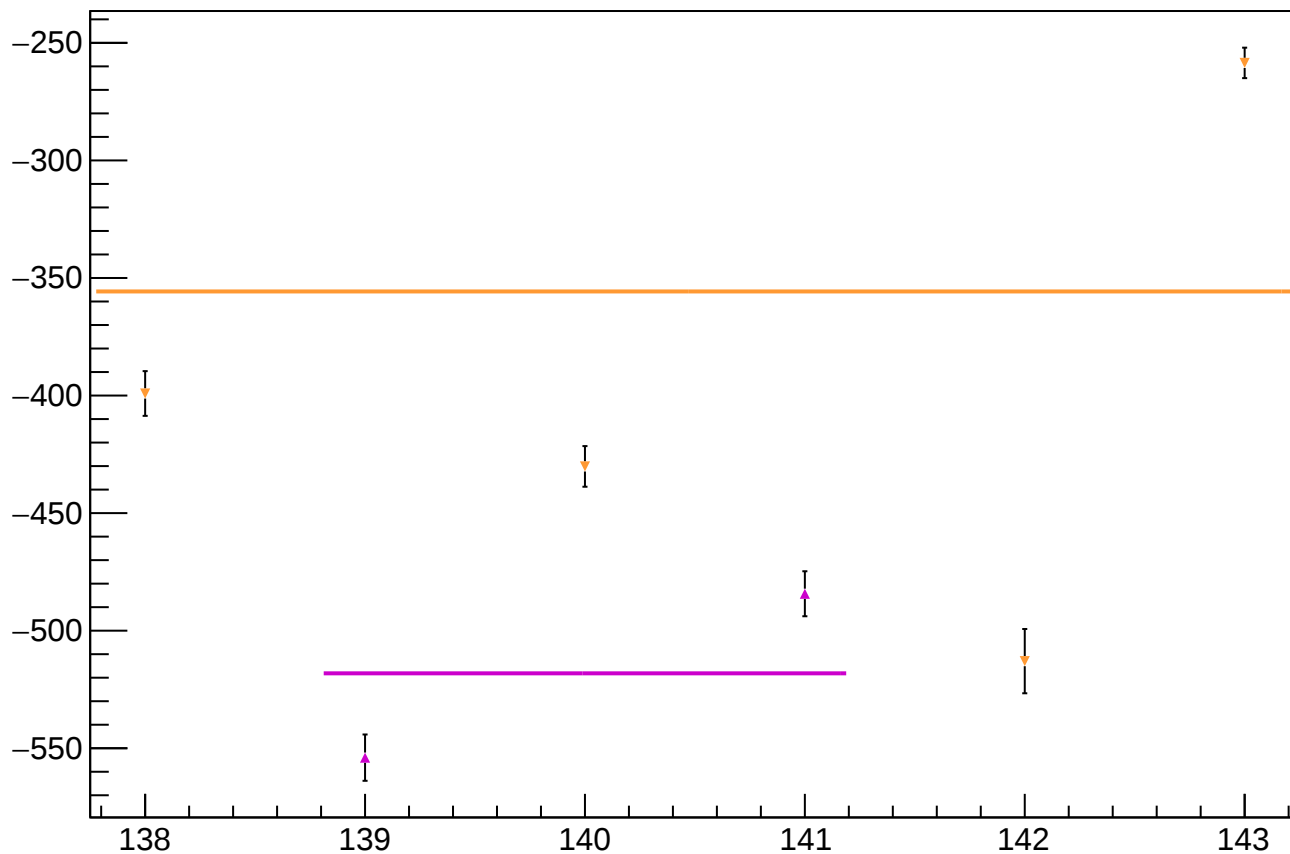
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 4.503 $\pm$ 0.034 χ^2 /NDF:368554.2/18

Out: 4.502 $\pm$ 0.033 χ^2 /NDF:564760.2/21

All: 4.503 $\pm$ 0.024 χ^2 /NDF: 933314.4/40

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

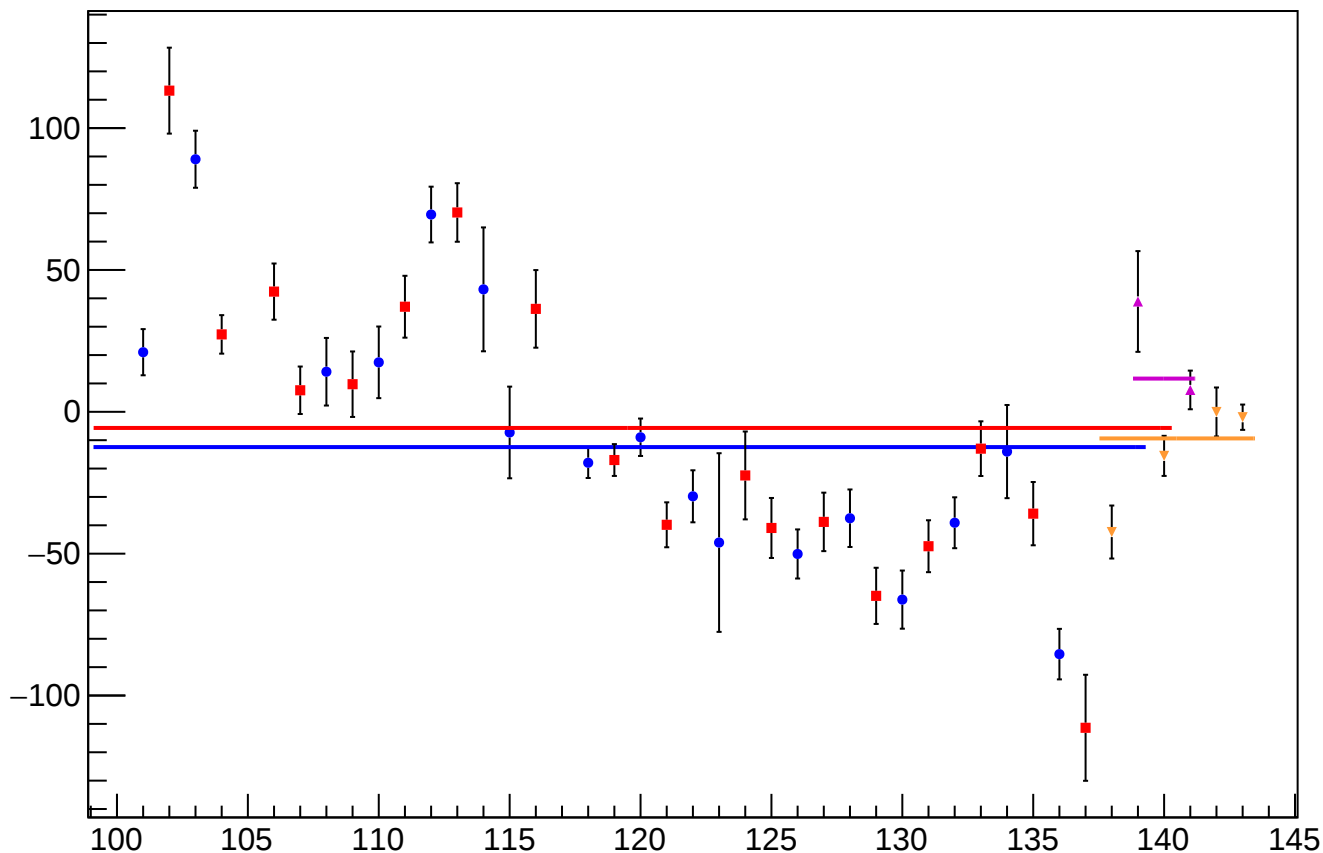
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -5.686 ± 2.263 $\chi^2/\text{NDF}: 333.7/17$

Left In: 11.713 ± 6.361 $\chi^2/\text{NDF}: 2.7/1$

Left: -5.033 ± 2.888 $\chi^2/\text{NDF}: 28.6/5$

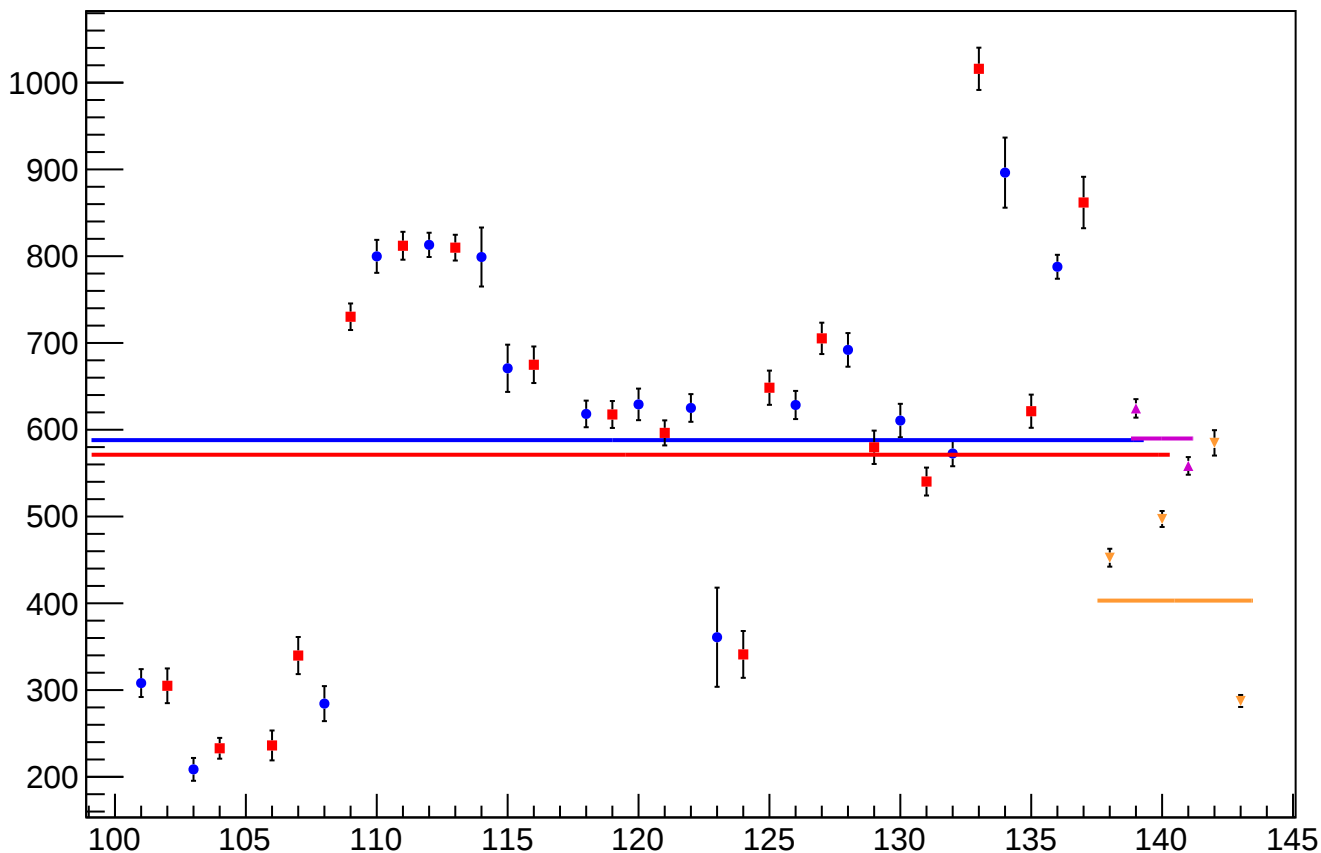
Right: -8.982 ± 1.618 $\chi^2/\text{NDF}: 678.2/34$

In: -9.607 ± 2.175 $\chi^2/\text{NDF}: 355.6/18$

Out: -6.897 ± 1.855 $\chi^2/\text{NDF}: 351.7/21$

All: -8.038 ± 1.412 $\chi^2/\text{NDF}: 708.3/40$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 403.107 $\pm$ 4.620 χ^2 /NDF:562.2/3

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

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

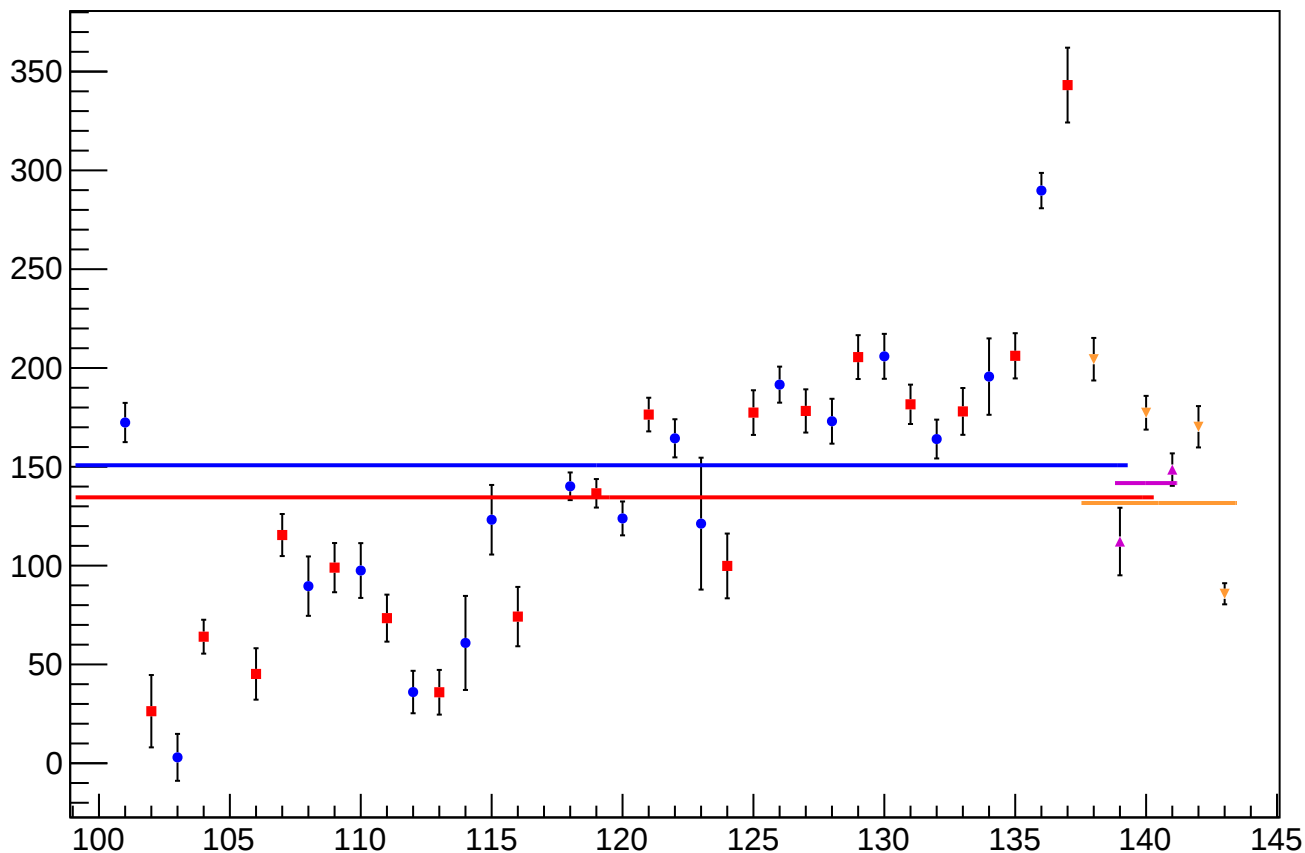
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 588.515 $\pm$ 3.731 χ^2 /NDF:2148.0/18

Out: 496.123 $\pm$ 3.088 χ^2 /NDF:3975.1/21

All: 533.673 $\pm$ 2.379 χ^2 /NDF: 6487.0/40

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2/NDF : 633.1/16

Left Out: 131.689 $\pm$ 3.879 χ^2/NDF : 161.7/3

Right Out: 134.549 $\pm$ 2.619 χ^2/NDF : 576.2/17

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

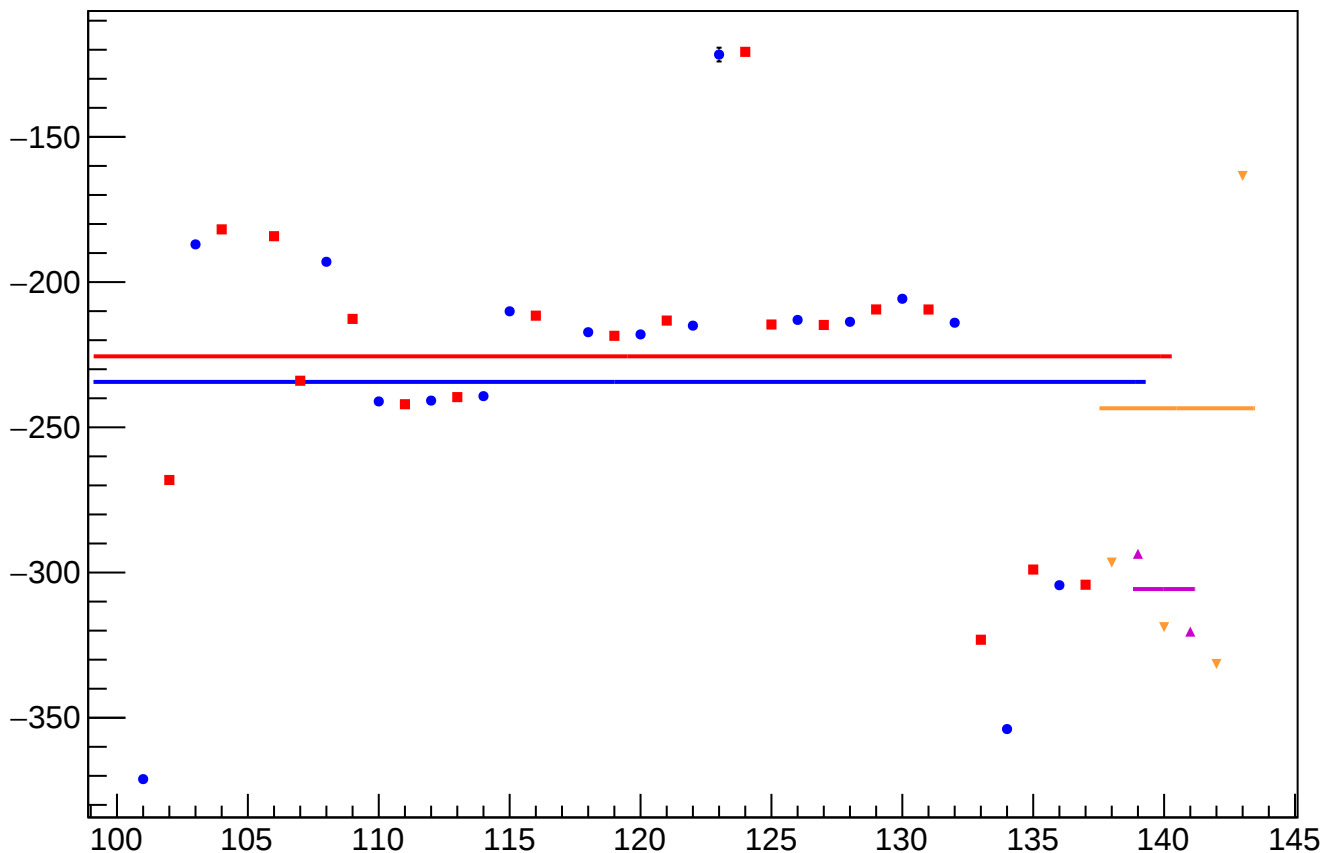
Right: 142.483 $\pm$ 1.873 χ^2/NDF : 1228.1/34

In: 149.740 $\pm$ 2.519 χ^2/NDF : 638.1/18

Out: 133.653 $\pm$ 2.171 χ^2/NDF : 738.3/21

All: 140.507 $\pm$ 1.645 χ^2/NDF : 1399.8/40

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -243.443+/-0.189 χ^2/NDF : 156863.1/3

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -305.687+/-0.278 χ^2/NDF : 2305.5/1

Left: -263.172+/-0.156 χ^2/NDF : 193447.8/5

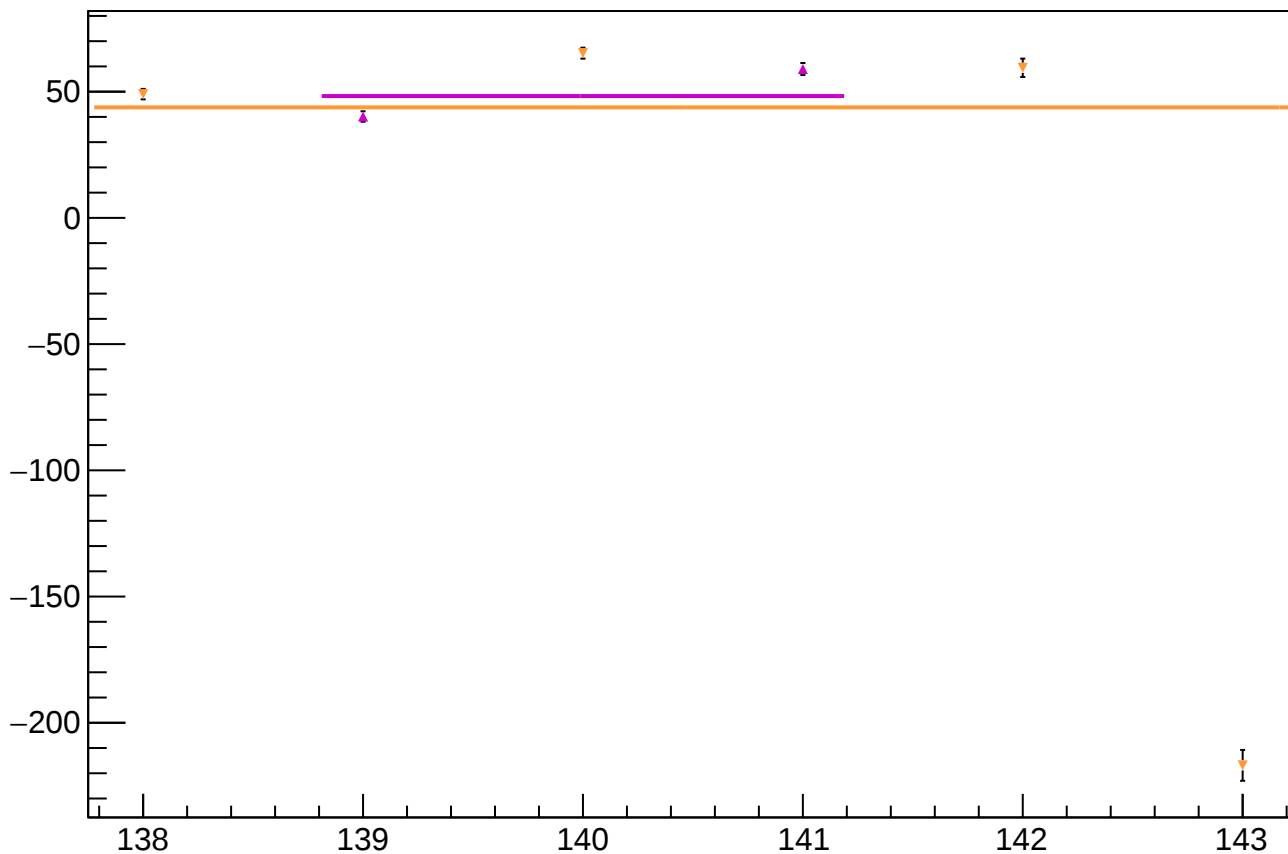
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -250.204+/-0.131 χ^2/NDF : 198727.2/18

Out: -231.997+/-0.114 χ^2/NDF : 255531.5/21

All: -239.811+/-0.086 χ^2/NDF : 465293.2/40

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 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

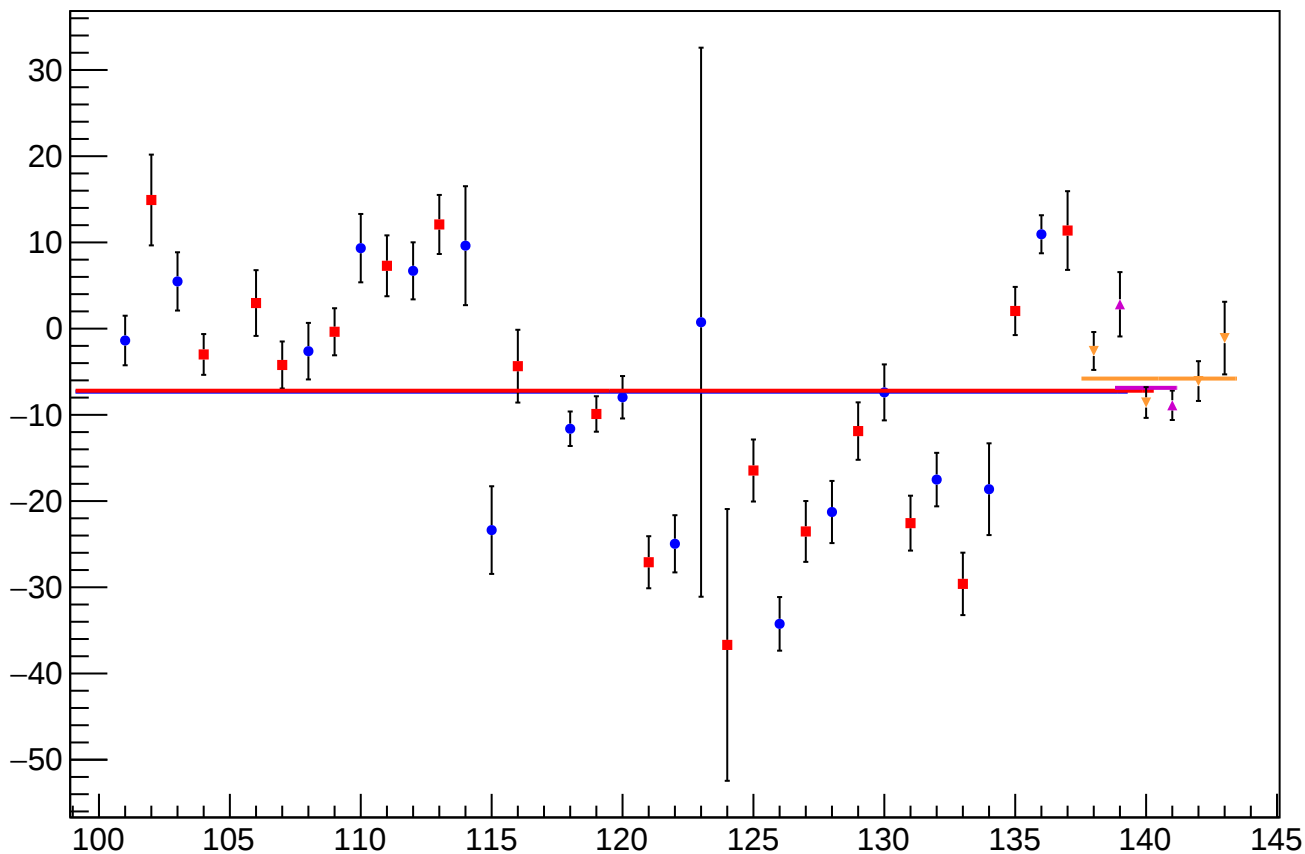
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -6.869 ± 1.551 χ^2/NDF : 8.2/1

Left: -6.171 ± 0.920 χ^2/NDF : 14.3/5

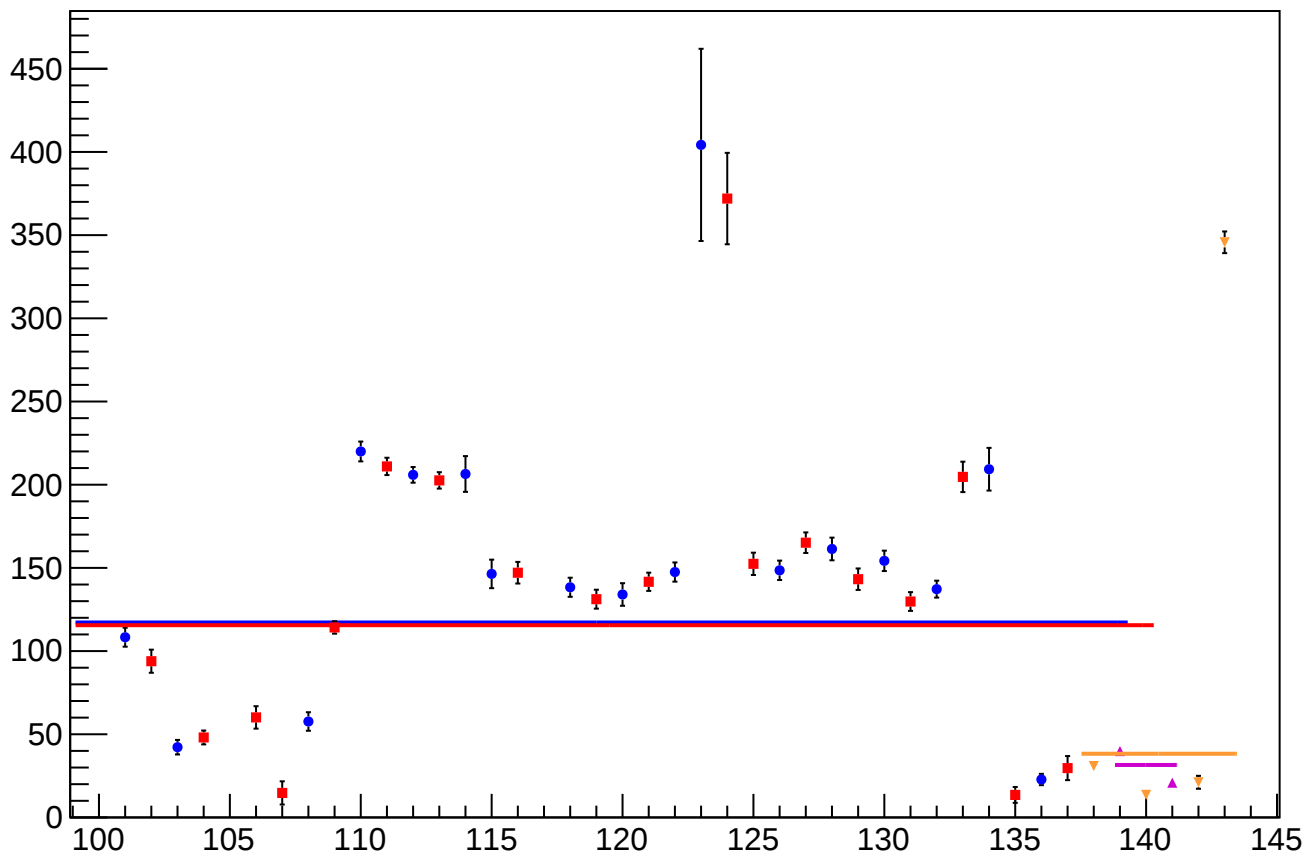
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -7.223 ± 0.697 χ^2/NDF : 287.3/18

Out: -6.768 ± 0.634 χ^2/NDF : 259.0/21

All: -6.974 ± 0.469 χ^2/NDF : 546.5/40

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: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

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

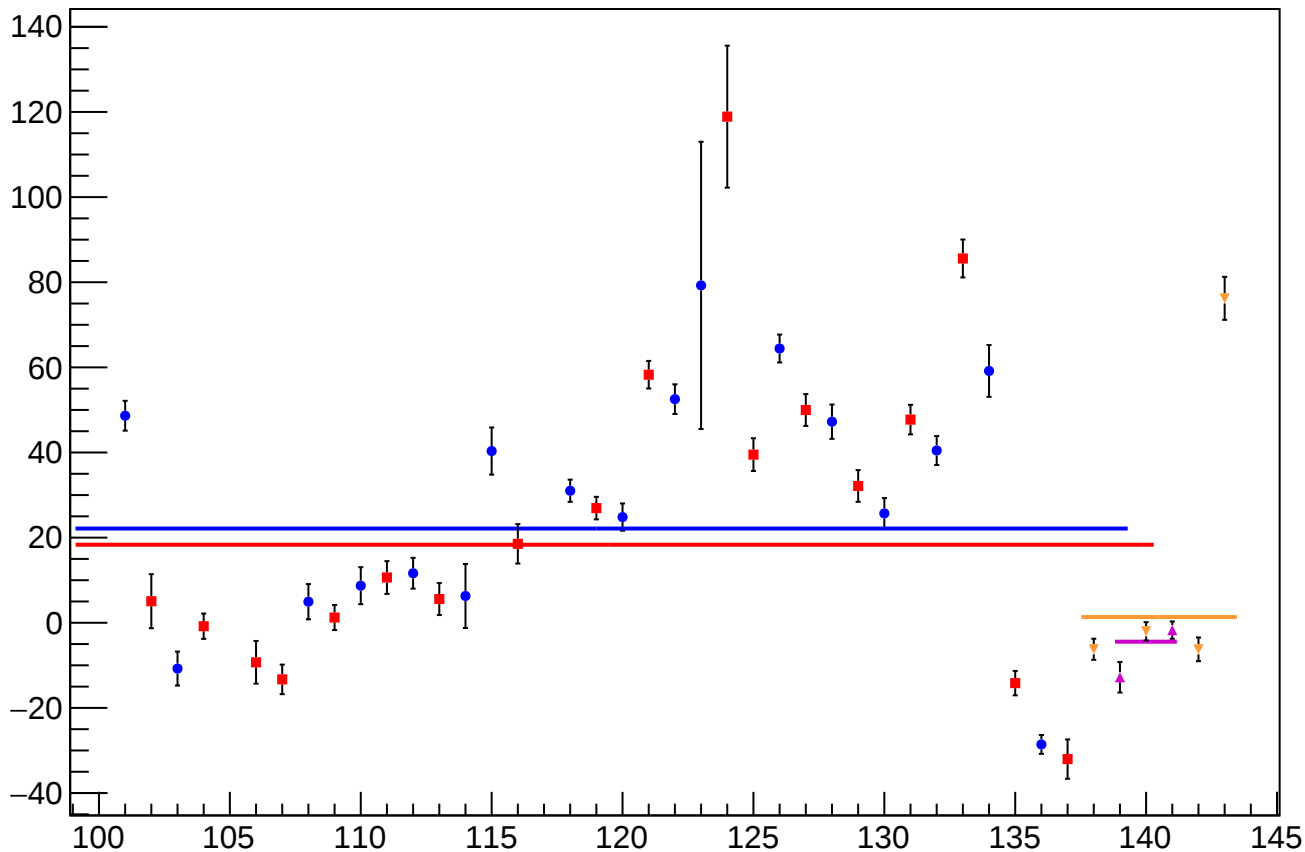
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 81.675 $\pm$ 1.080 χ^2 /NDF:3717.3/18

Out: 79.311 $\pm$ 0.993 χ^2 /NDF:6025.3/21

All: 80.394 $\pm$ 0.731 χ^2 /NDF: 9745.3/40

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: 1.348 $\pm$ 1.350 χ^2 /NDF:239.2/3

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

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

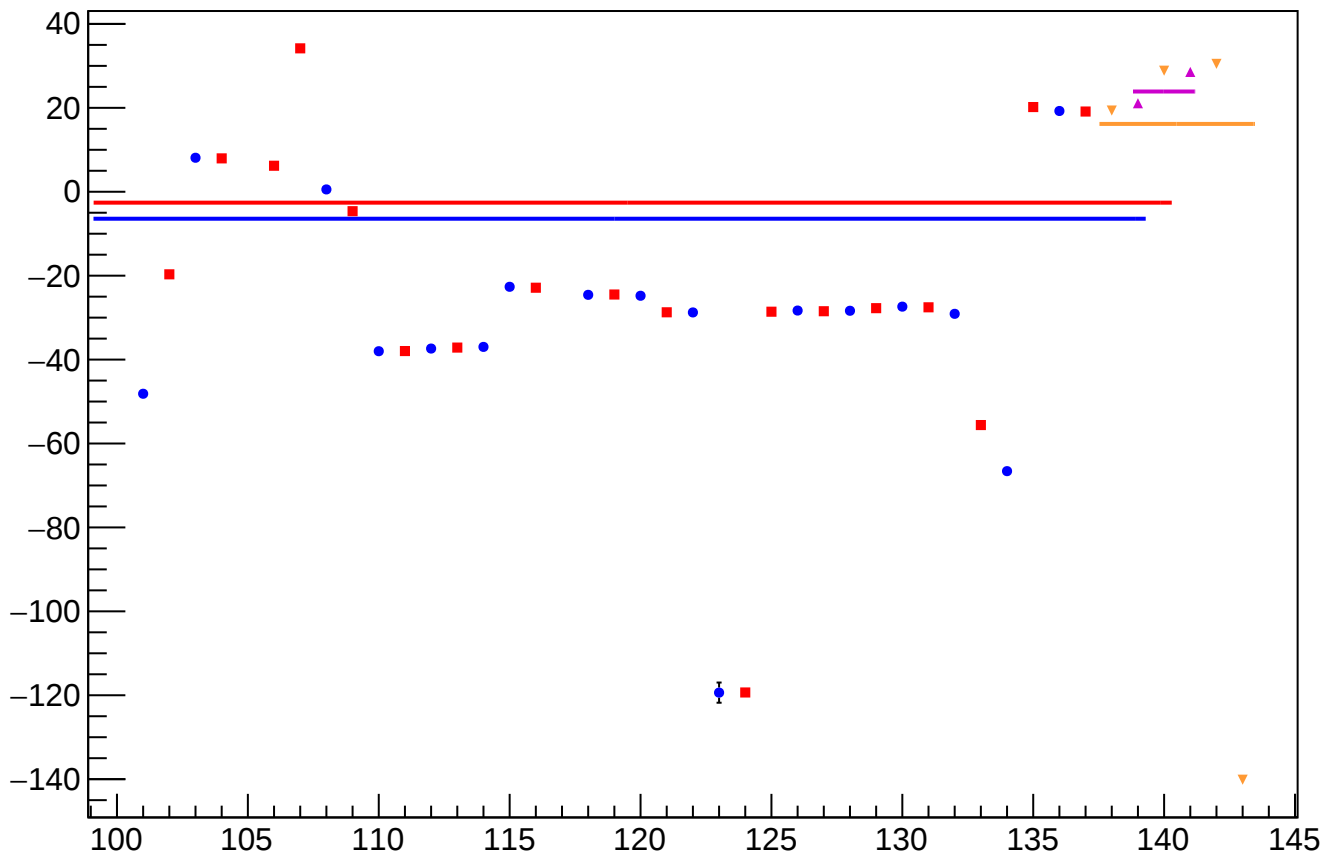
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: 16.797 $\pm$ 0.797 χ^2 /NDF:1250.0/18

Out: 13.334 $\pm$ 0.733 χ^2 /NDF:1421.2/21

All: 14.920 $\pm$ 0.539 χ^2 /NDF: 2681.4/40

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 16.166 ± 0.059 χ^2/NDF : 380732.3/3

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 23.891 ± 0.062 χ^2/NDF : 3359.9/1

Left: 19.824 ± 0.043 χ^2/NDF : 392174.3/5

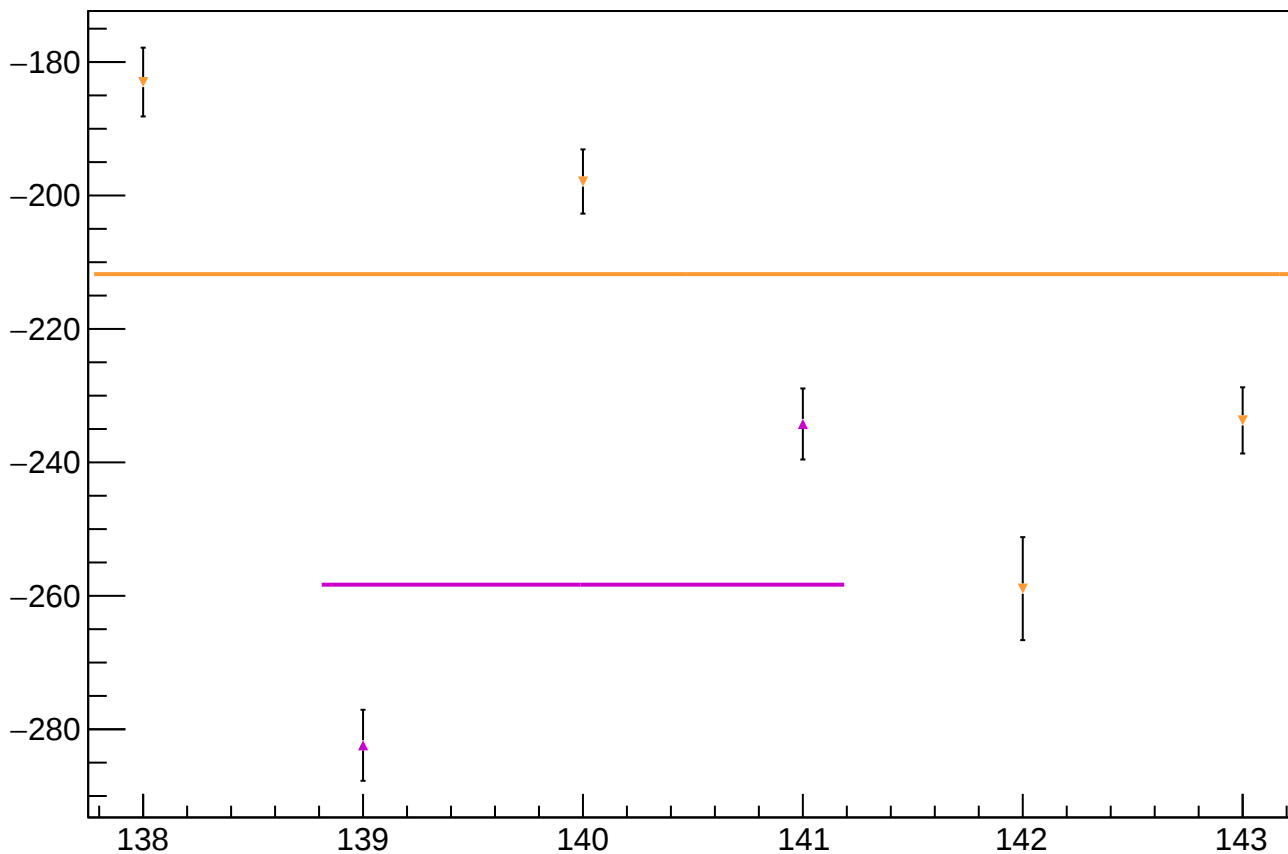
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 4.322 ± 0.037 χ^2/NDF : 421139.0/18

Out: 4.434 ± 0.036 χ^2/NDF : 707274.1/21

All: 4.379 ± 0.026 χ^2/NDF : 1128417.7/40

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

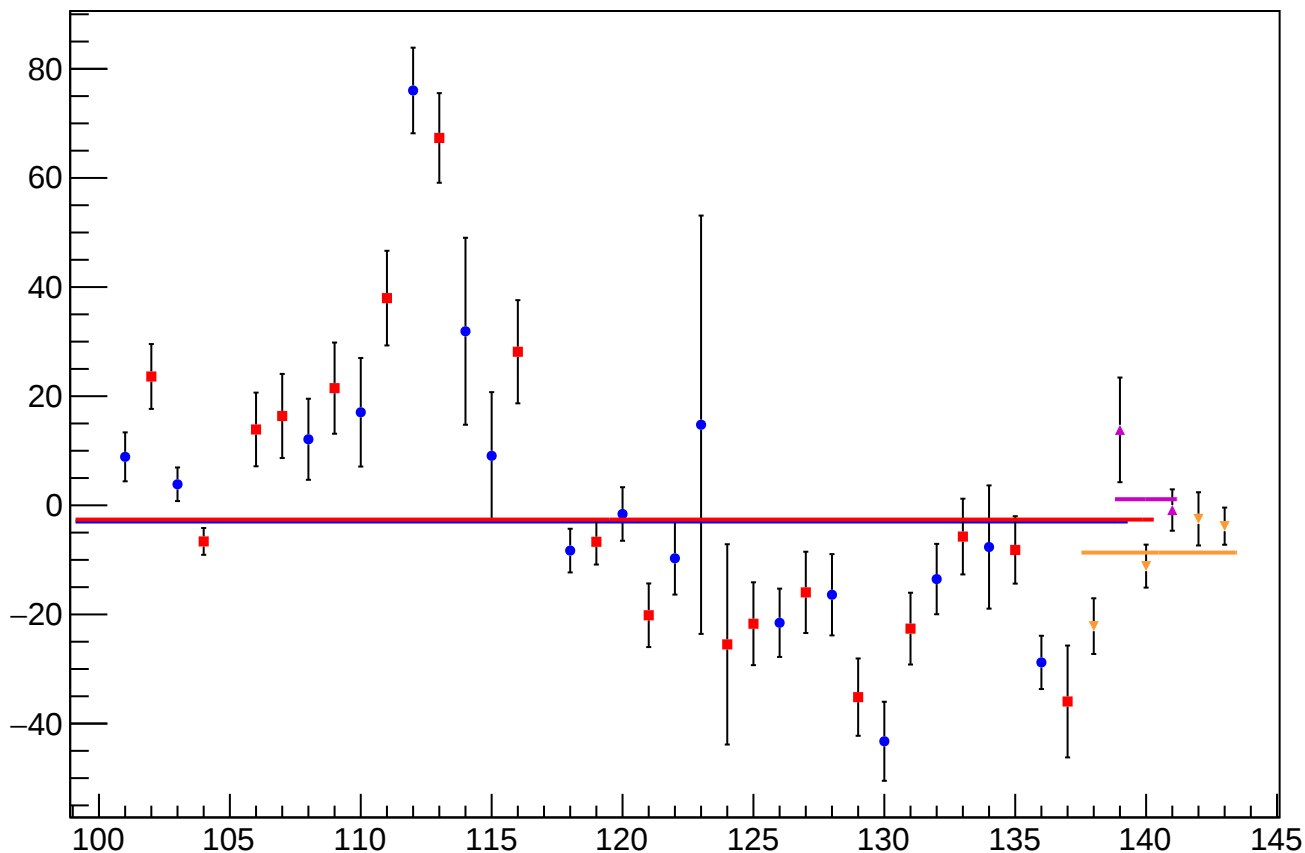
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 1.119 ± 3.527 χ^2/NDF : 2.0/1

Left: -6.138 ± 1.792 χ^2/NDF : 18.7/5

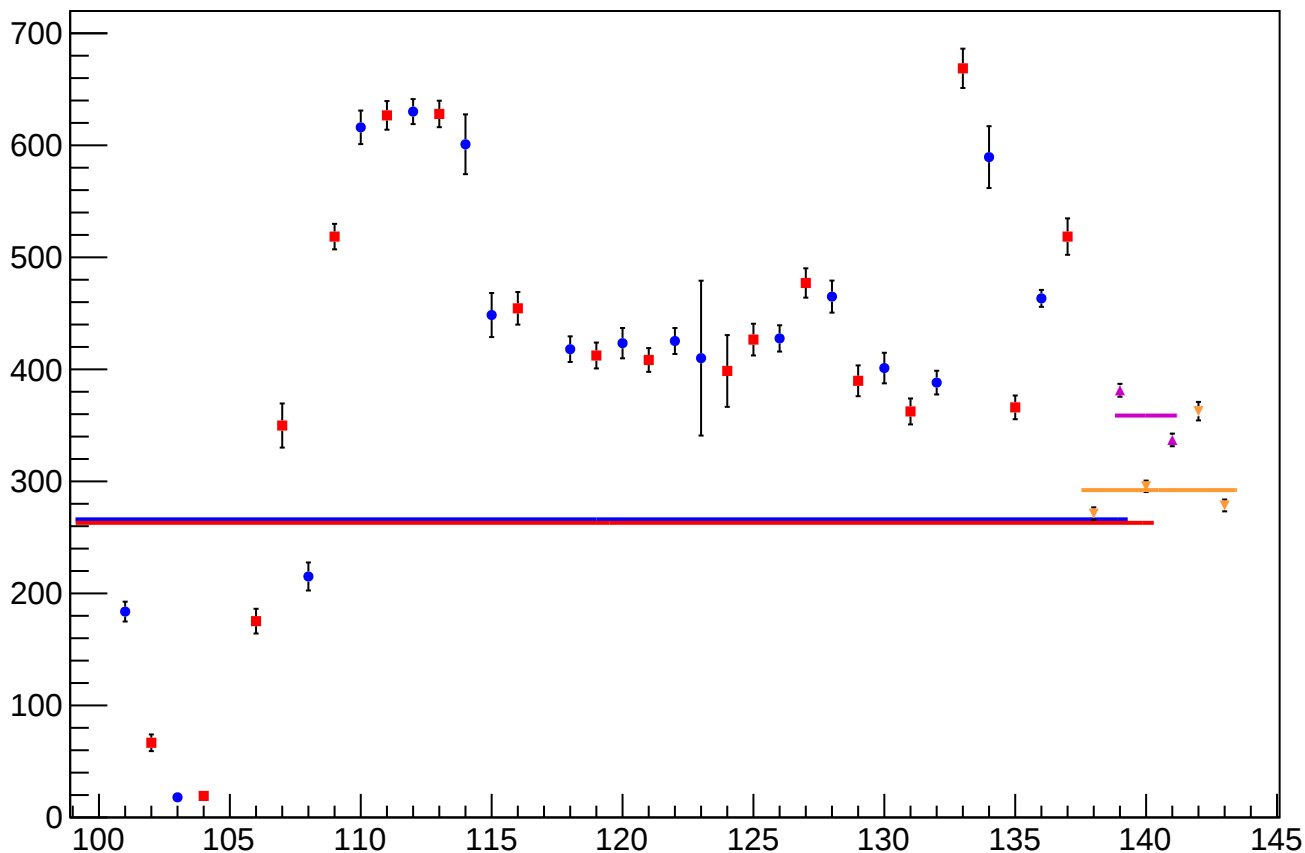
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: -2.372 ± 1.343 χ^2/NDF : 206.7/18

Out: -4.499 ± 1.161 χ^2/NDF : 227.3/21

All: -3.589 ± 0.878 χ^2/NDF : 435.5/40

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: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

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

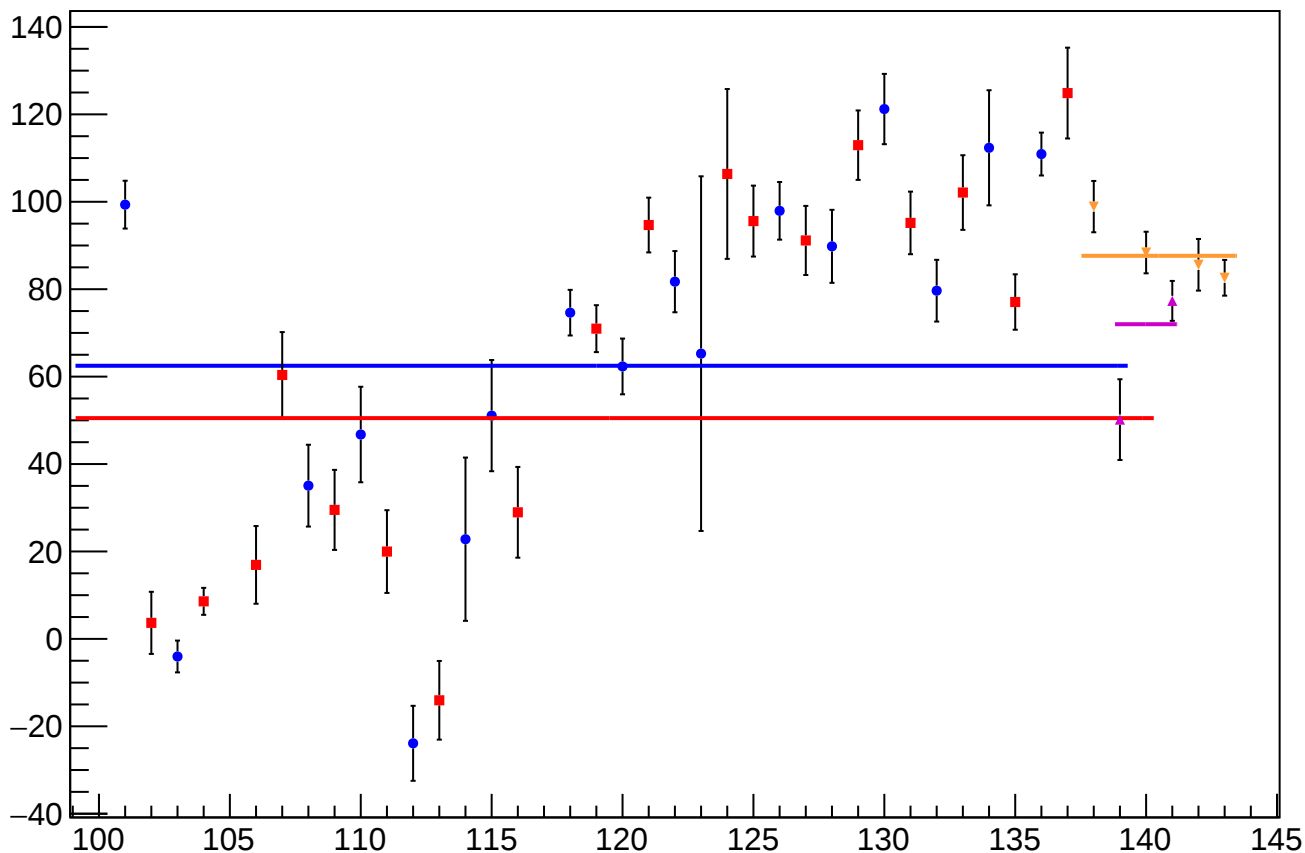
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 291.499 $\pm$ 2.113 χ^2 /NDF:8056.5/18

Out: 275.362 $\pm$ 1.874 χ^2 /NDF:8325.3/21

All: 282.464 $\pm$ 1.402 χ^2 /NDF: 16414.5/40

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2/NDF : 720.8/16

Left Out: 87.641 $\pm$ 2.486 χ^2/NDF :5.3/3

Right Out: 50.506 $\pm$ 1.644 χ^2/NDF : 650.6/17

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

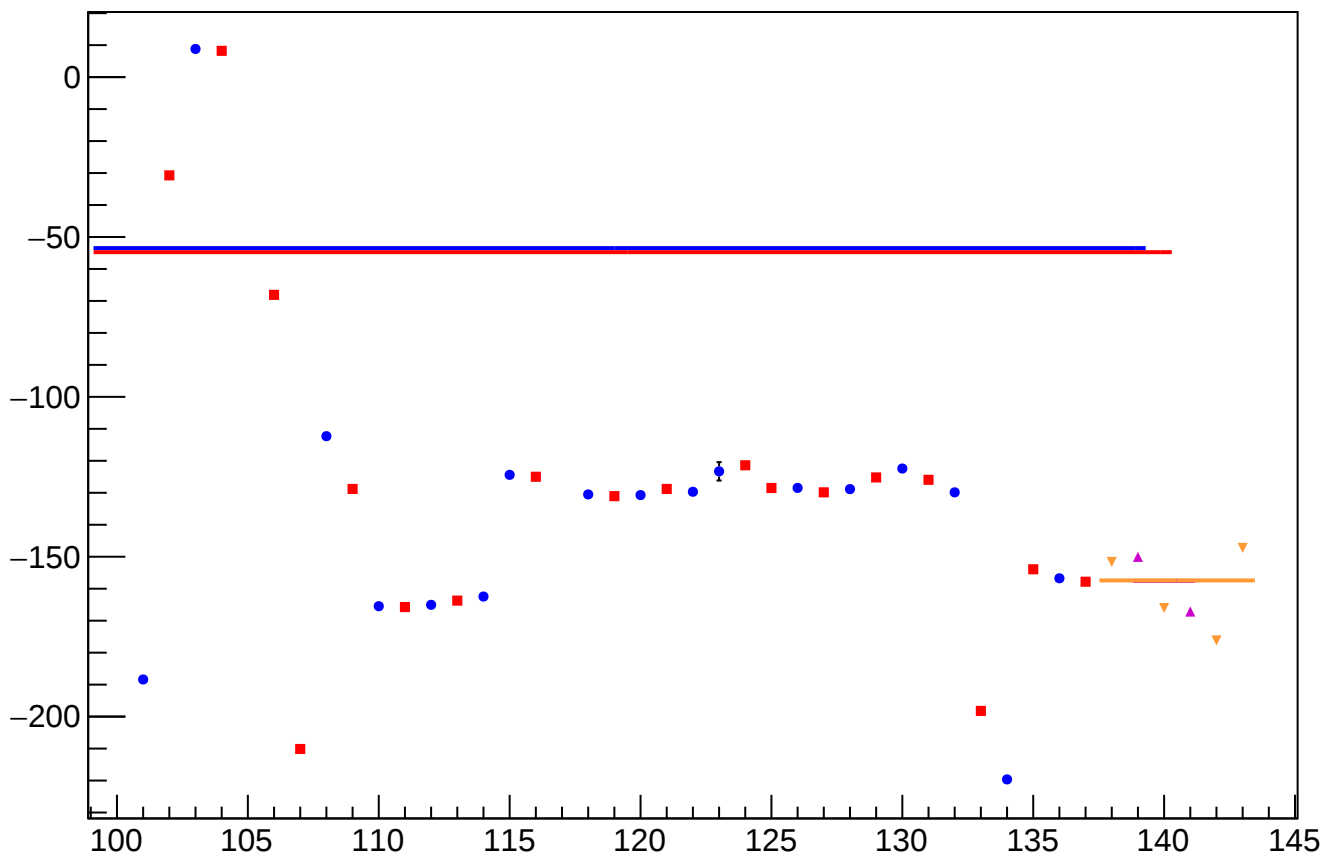
Right: 56.364 $\pm$ 1.175 χ^2/NDF : 1397.3/34

In: 63.856 $\pm$ 1.555 χ^2/NDF :732.3/18

Out: 61.805 $\pm$ 1.372 χ^2/NDF :811.1/21

All: 62.703 $\pm$ 1.029 χ^2/NDF : 1544.4/40

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -157.416+/-0.118 χ^2/NDF : 7625.0/3

Right Out: -54.748+/-0.072 χ^2/NDF : 952446.3/17

Left In: -157.552+/-0.152 χ^2/NDF : 3118.2/1

Left: -157.467+/-0.093 χ^2/NDF : 10743.7/5

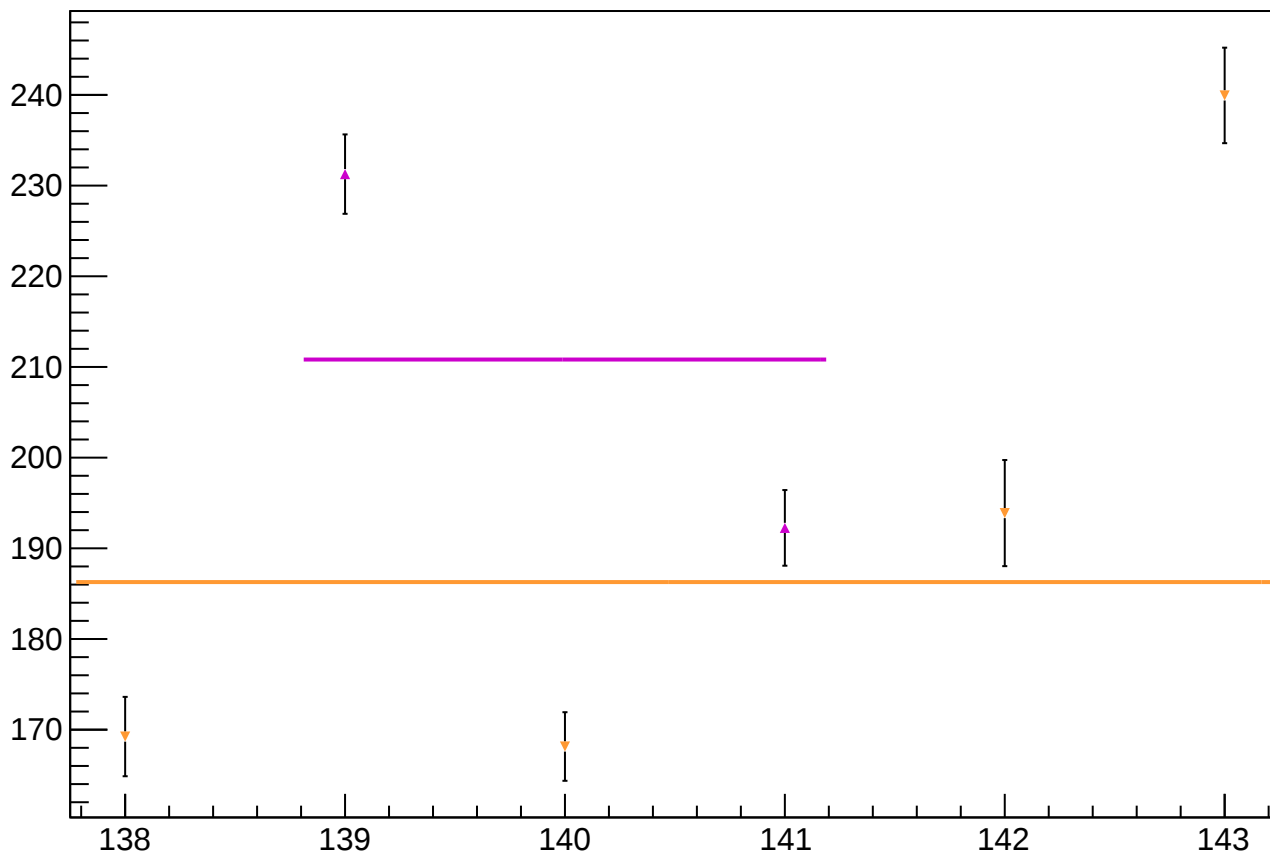
Right: -54.098+/-0.050 χ^2/NDF : 2181335.1/34

In: -71.808+/-0.064 χ^2/NDF : 1617677.0/18

Out: -82.541+/-0.062 χ^2/NDF : 1508481.8/21

All: -77.364+/-0.044 χ^2/NDF : 3140801.0/40

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

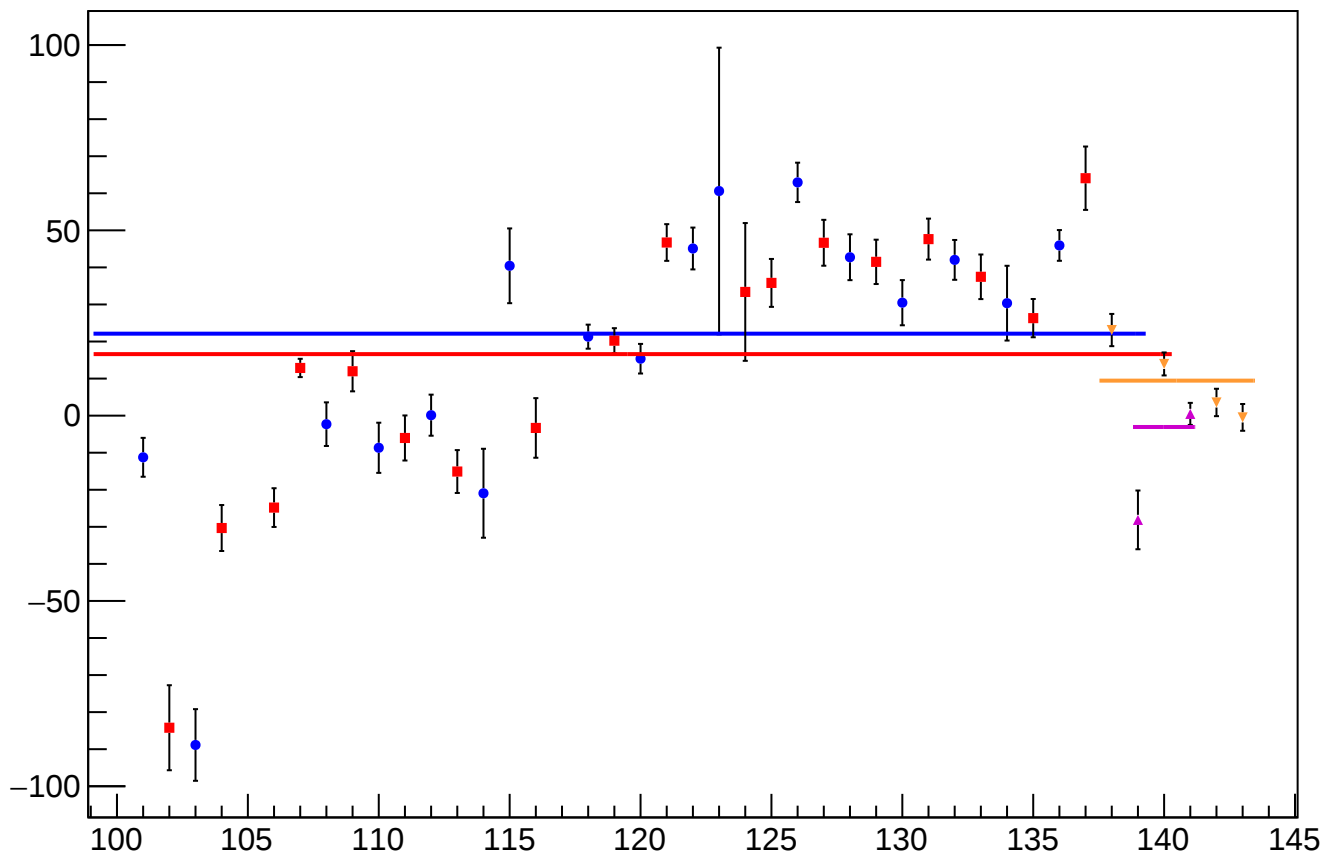
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-1.376 χ^2/NDF : 382.0/16

Left Out: 9.447+/-1.805 χ^2/NDF : 22.0/3

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: -3.061+/-2.785 χ^2/NDF : 11.4/1

Left: 5.746+/-1.515 χ^2/NDF : 47.7/5

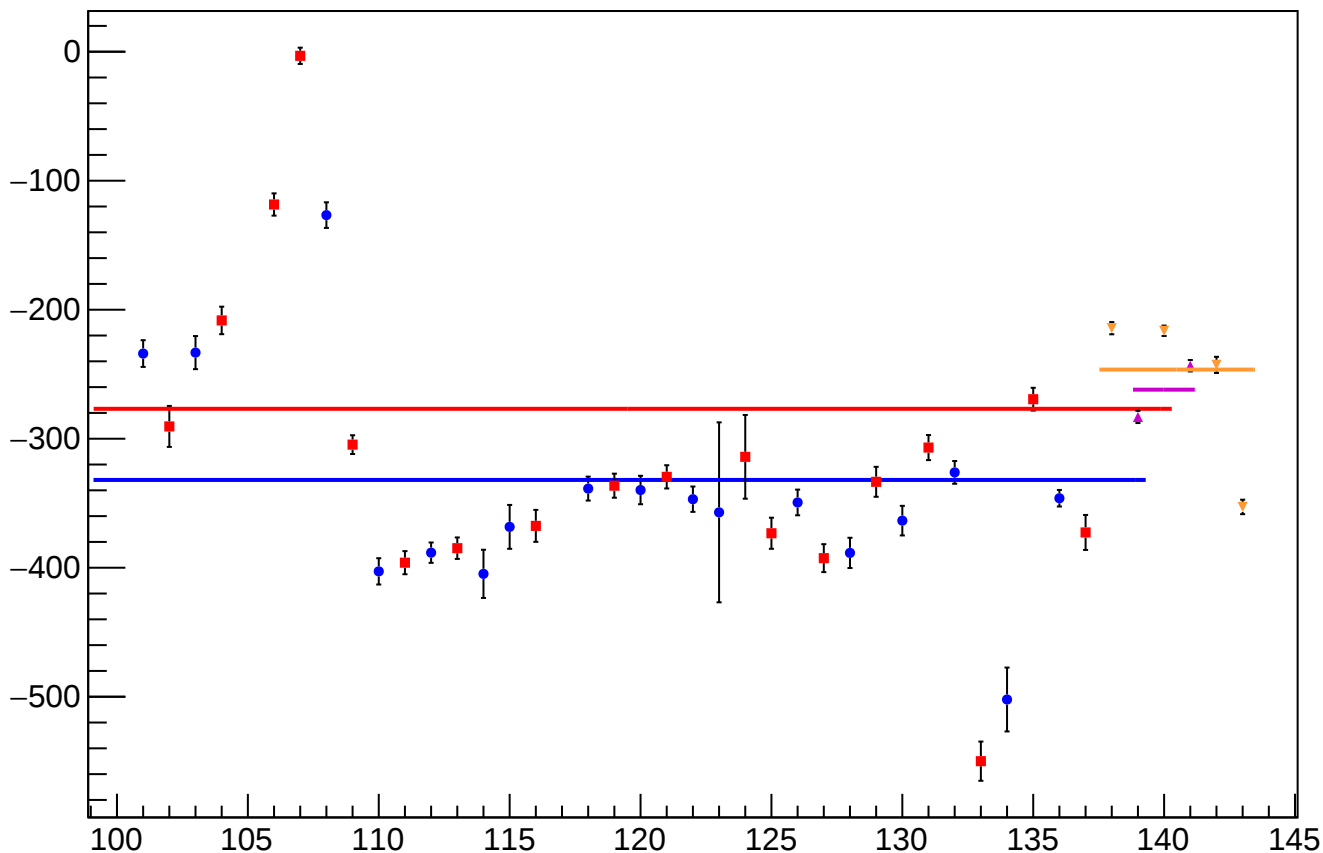
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 17.176+/-1.234 χ^2/NDF : 459.1/18

Out: 14.336+/-1.016 χ^2/NDF : 449.6/21

All: 15.484+/-0.784 χ^2/NDF : 911.8/40

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2/NDF : 785.6/16

Left Out: -246.421 $\pm$ 2.475 χ^2/NDF : 461.3/3

Right Out: -276.804 $\pm$ 2.329 χ^2/NDF : 3330.4/17

Left In: -261.969 $\pm$ 3.237 χ^2/NDF : 37.4/1

Left: -252.156 $\pm$ 1.966 χ^2/NDF : 513.2/5

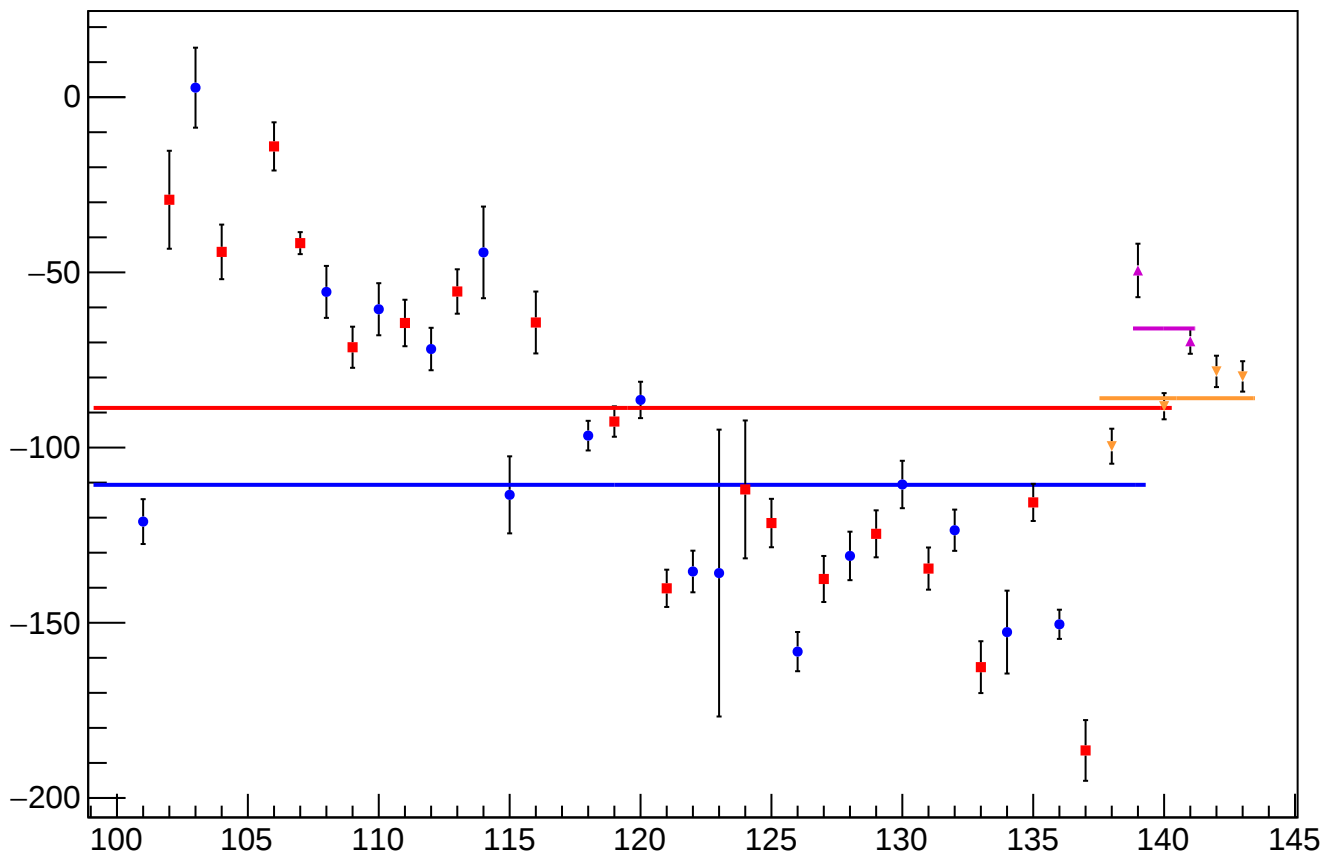
Right: -301.706 $\pm$ 1.725 χ^2/NDF : 4369.1/34

In: -304.933 $\pm$ 2.012 χ^2/NDF : 1109.9/18

Out: -262.531 $\pm$ 1.696 χ^2/NDF : 3871.6/21

All: -280.152 $\pm$ 1.297 χ^2/NDF : 5241.2/40

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -85.914 ± 2.158 χ^2/NDF : 12.9/3

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -66.007 ± 3.241 χ^2/NDF : 5.7/1

Left: -79.798 ± 1.797 χ^2/NDF : 44.7/5

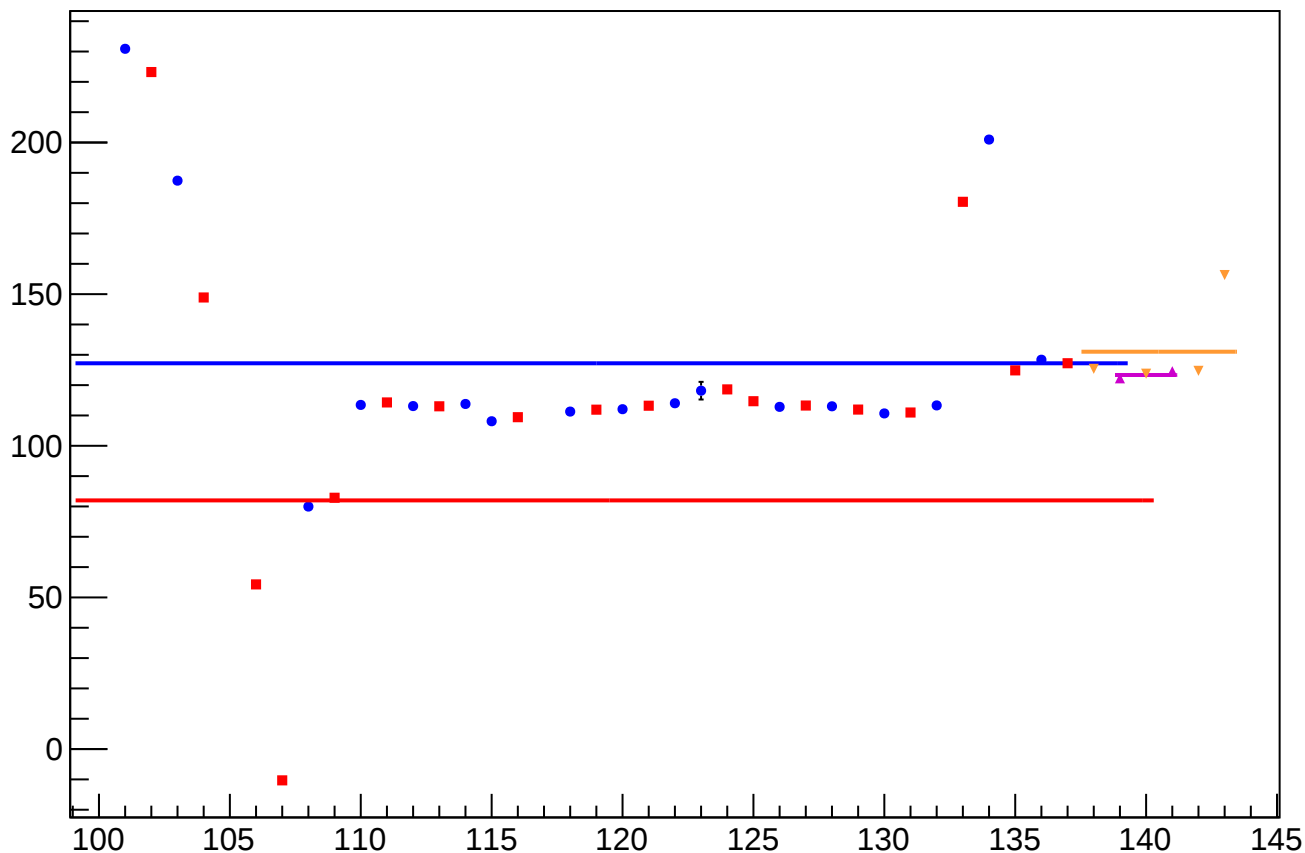
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -102.055 ± 1.421 χ^2/NDF : 667.7/18

Out: -87.835 ± 1.195 χ^2/NDF : 978.0/21

All: -93.723 ± 0.914 χ^2/NDF : 1704.4/40

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205+/-0.089 χ^2/NDF : 188026.3/16

Left Out: 131.022+/-0.102 χ^2/NDF :15702.7/3

Right Out: 81.994+/-0.075 χ^2/NDF : 749824.5/17

Left In: 123.345+/-0.123 χ^2/NDF :90.8/1

Left: 127.878+/-0.078 χ^2/NDF : 18108.3/5

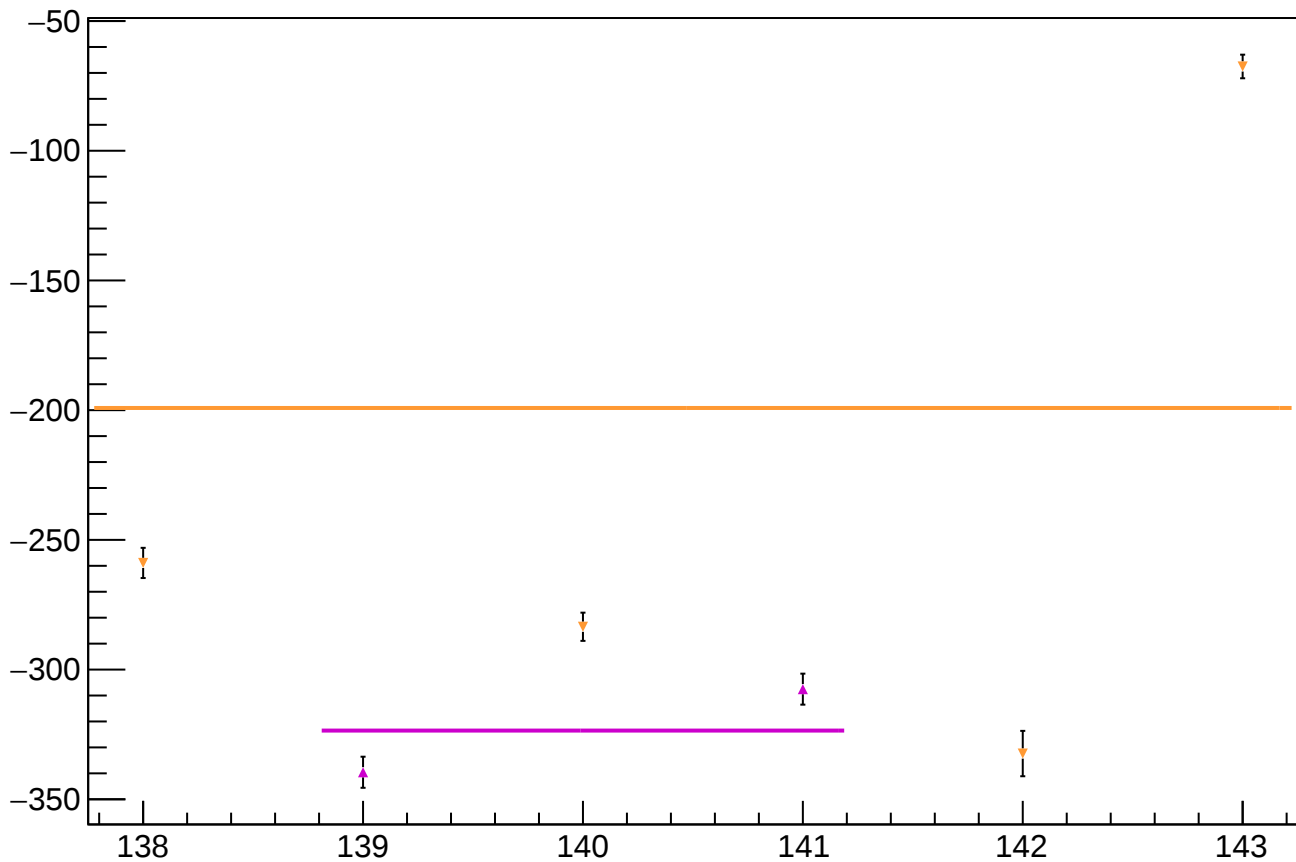
Right: 100.877+/-0.058 χ^2/NDF : 1087676.4/34

In: 125.870+/-0.072 χ^2/NDF :188765.4/18

Out: 99.318+/-0.061 χ^2/NDF :914590.8/21

All: 110.333+/-0.046 χ^2/NDF : 1182730.9/40

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -199.156+/-2.831 χ^2/NDF :1415.3/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -323.512+/-4.231 χ^2/NDF :14.3/1

Left: -237.618+/-2.353 χ^2/NDF : 2026.3/5

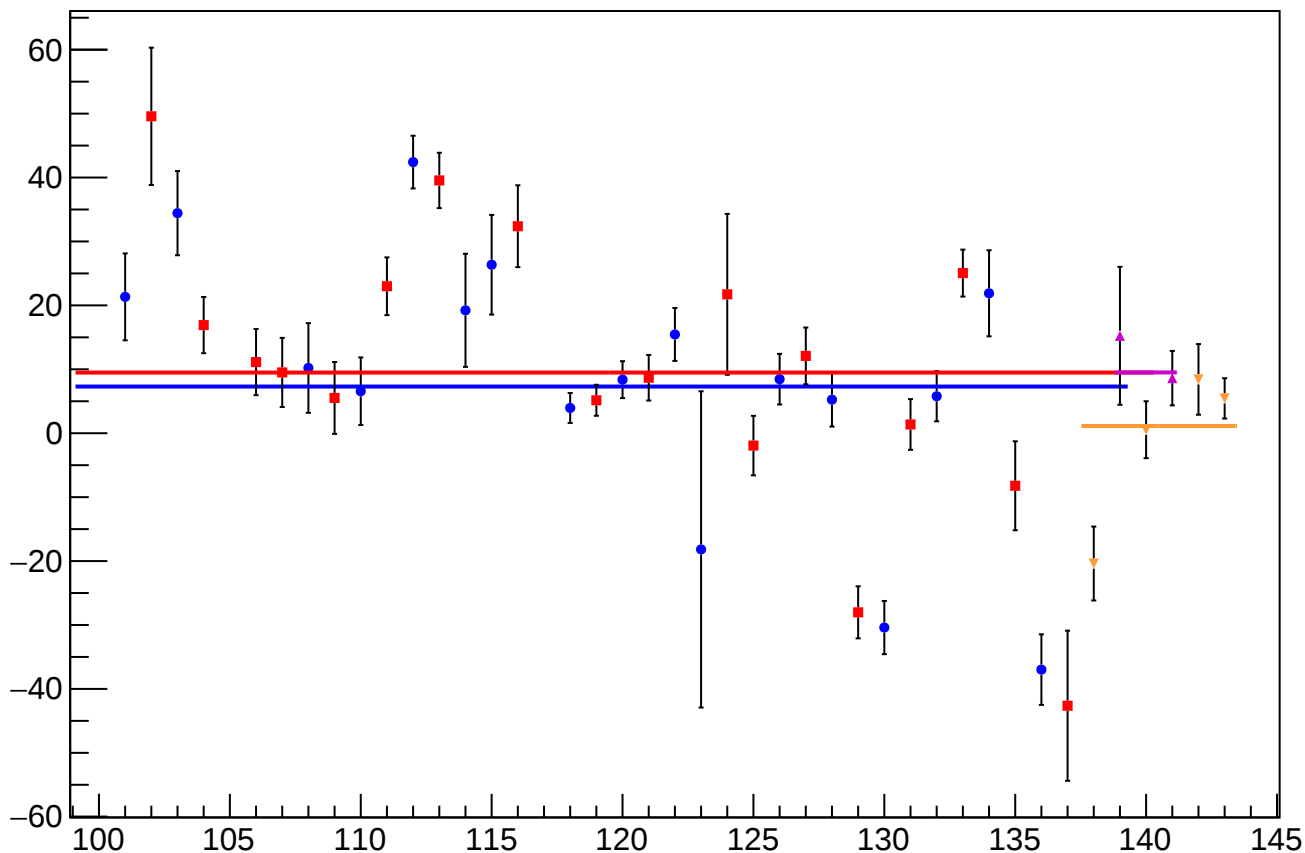
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -323.512+/-4.231 χ^2/NDF :14.3/1

Out: -199.156+/-2.831 χ^2/NDF :1415.3/3

All: -237.618+/-2.353 χ^2/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: 9.493+/-1.073 χ^2/NDF : 231.1/17

Left In: 9.510+/-3.959 χ^2/NDF :0.3/1

Left: 3.059+/-1.898 χ^2/NDF : 21.3/5

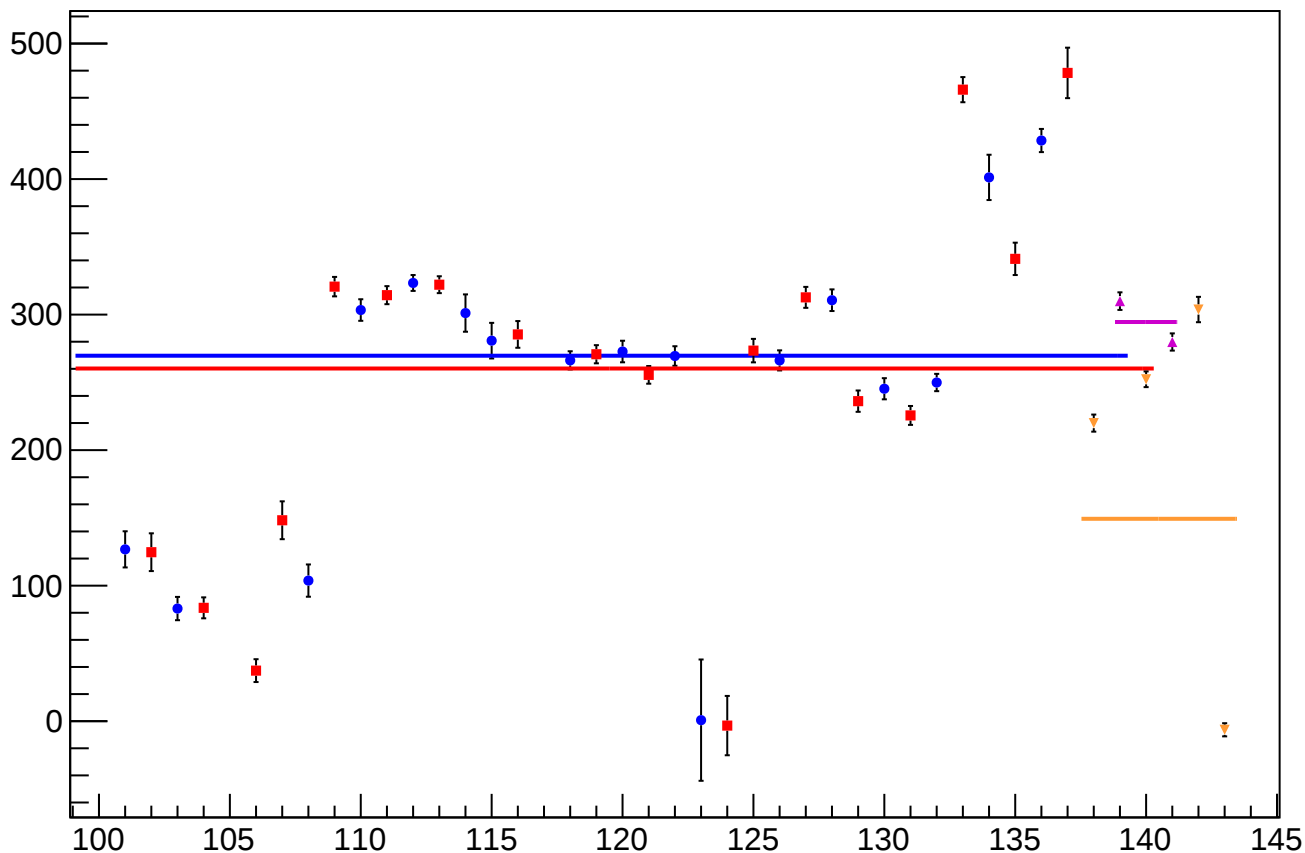
Right: 8.410+/-0.763 χ^2/NDF : 493.8/34

In: 7.457+/-1.047 χ^2/NDF :261.3/18

Out: 7.842+/-0.961 χ^2/NDF :260.6/21

All: 7.666+/-0.708 χ^2/NDF : 521.9/40

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 149.332 $\pm$ 3.031 χ^2 /NDF:1742.8/3

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

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

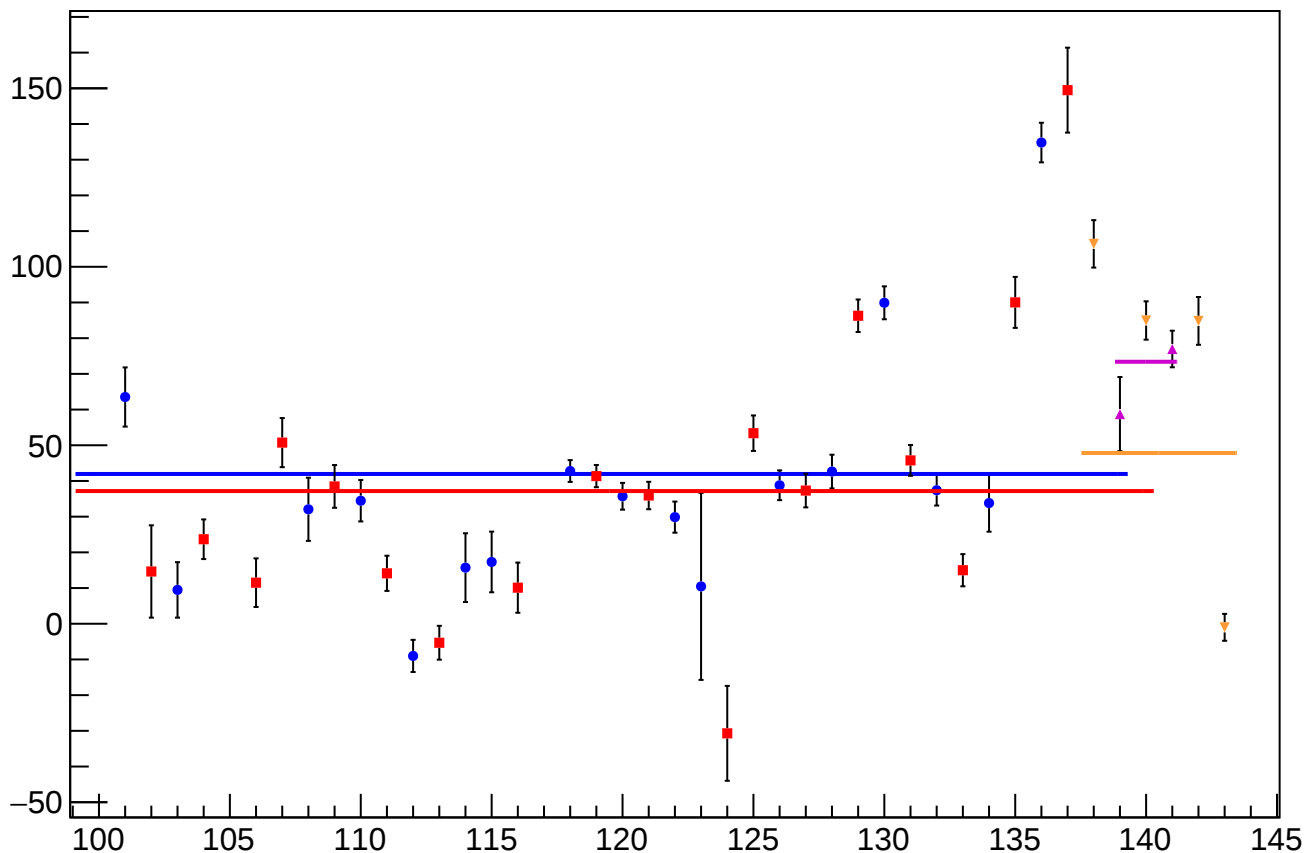
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 273.967 $\pm$ 1.888 χ^2 /NDF:1412.5/18

Out: 227.085 $\pm$ 1.657 χ^2 /NDF:5209.4/21

All: 247.484 $\pm$ 1.245 χ^2 /NDF: 6970.2/40

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: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

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

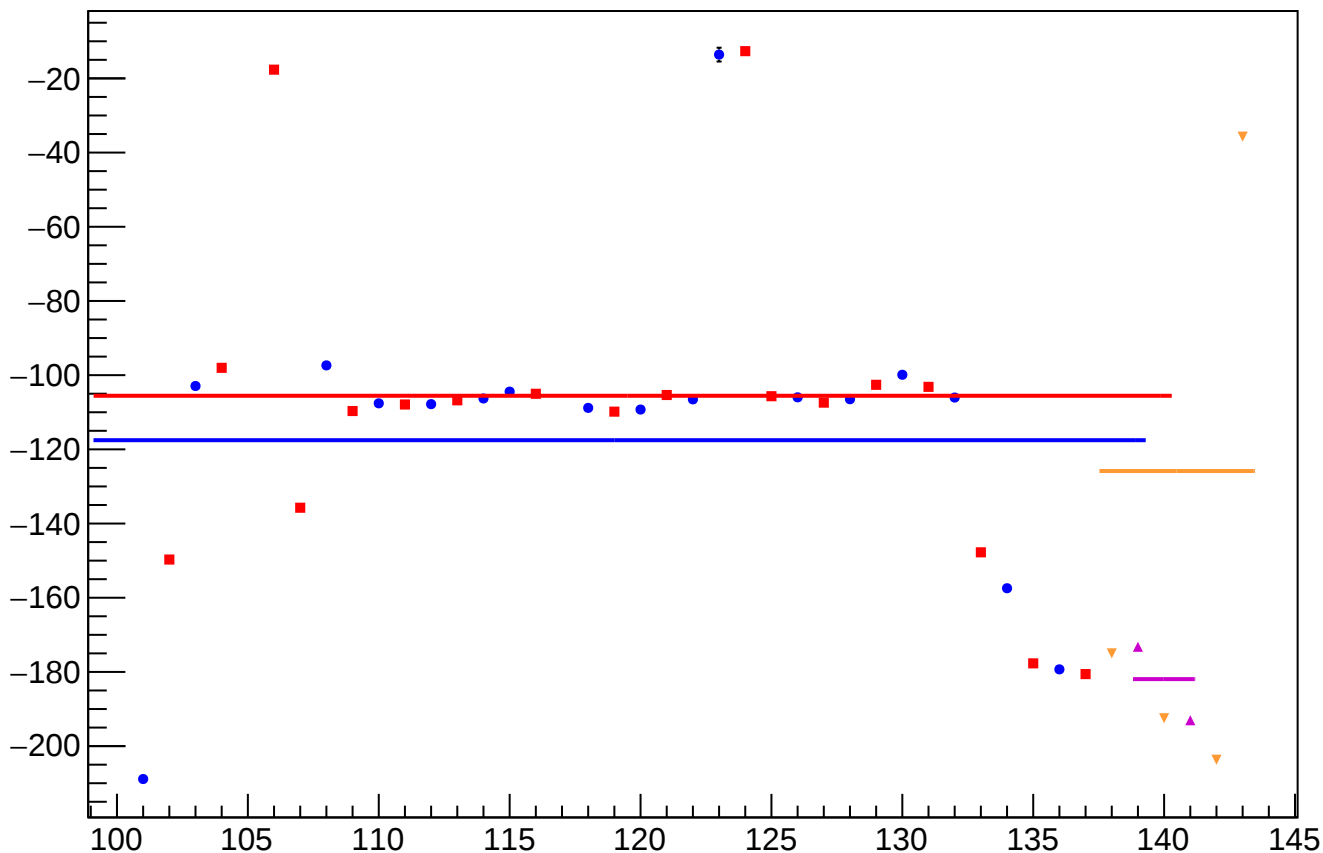
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 44.151 $\pm$ 1.214 χ^2 /NDF:620.3/18

Out: 39.159 $\pm$ 1.115 χ^2 /NDF:808.7/21

All: 41.444 $\pm$ 0.821 χ^2 /NDF: 1438.1/40

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -125.842+/-0.124 χ^2/NDF : 364415.7/3

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -181.935+/-0.171 χ^2/NDF : 3314.6/1

Left: -145.223+/-0.100 χ^2/NDF : 438325.4/5

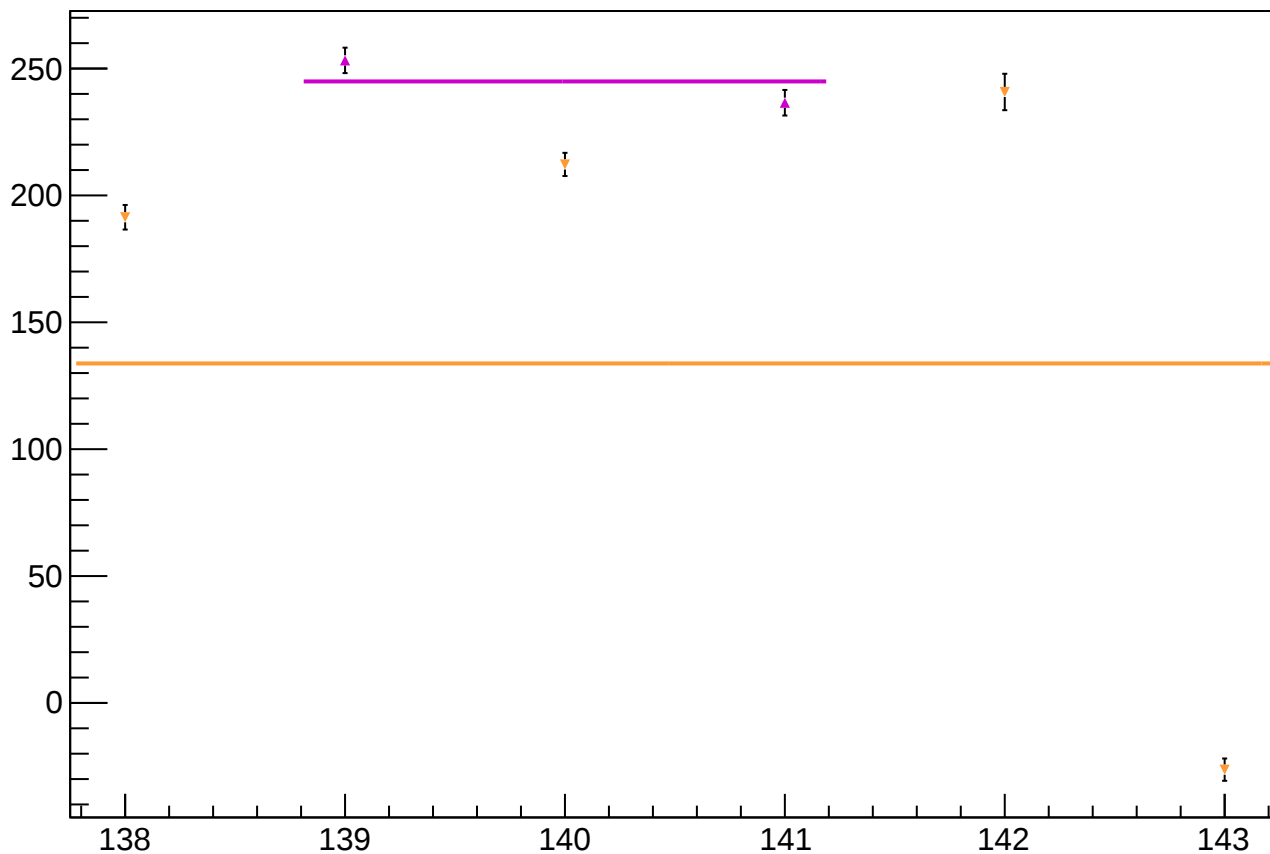
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -128.677+/-0.071 χ^2/NDF : 262938.2/18

Out: -110.757+/-0.063 χ^2/NDF : 701718.1/21

All: -118.623+/-0.047 χ^2/NDF : 1000353.8/40

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

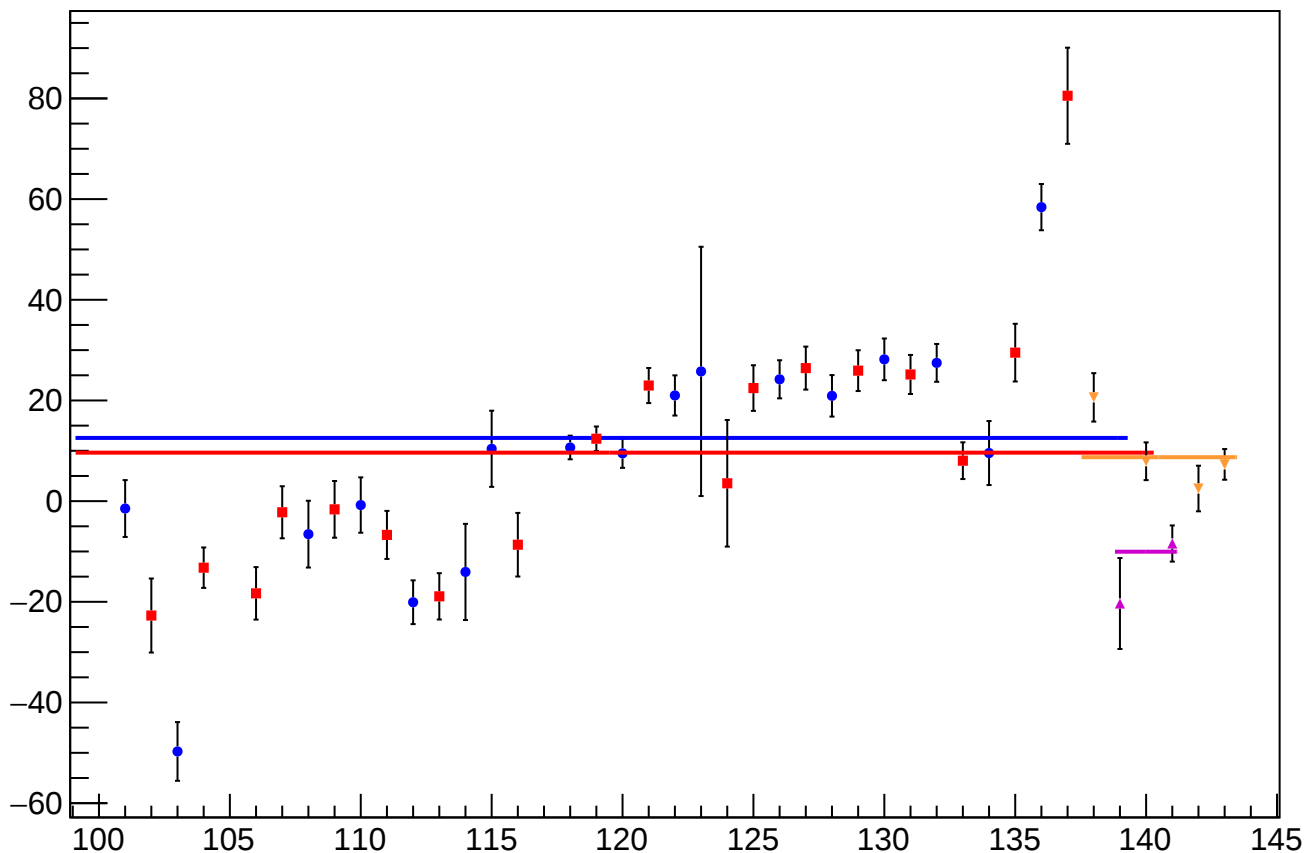
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-1.057 χ^2/NDF : 348.6/16

Left Out: 8.728+/-1.922 χ^2/NDF : 8.3/3

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: -10.045+/-3.338 χ^2/NDF : 1.5/1

Left: 4.056+/-1.665 χ^2/NDF : 33.5/5

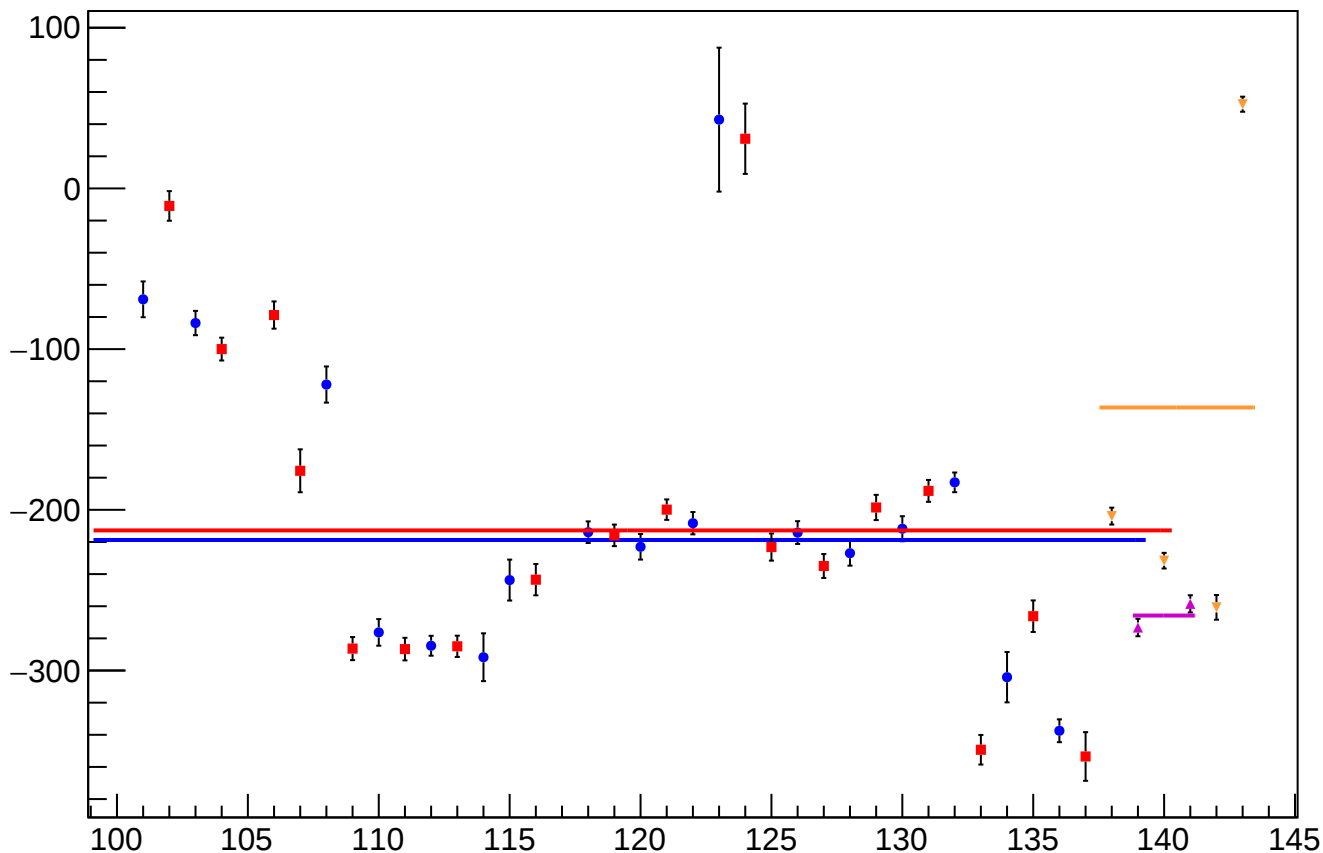
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 10.498+/-1.008 χ^2/NDF : 391.7/18

Out: 9.424+/-0.921 χ^2/NDF : 295.9/21

All: 9.912+/-0.680 χ^2/NDF : 688.2/40

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -136.312 ± 2.664 $\chi^2/\text{NDF}: 2432.3/3$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -265.785 ± 3.812 $\chi^2/\text{NDF}: 3.7/1$

Left: -178.786 ± 2.184 $\chi^2/\text{NDF}: 3211.1/5$

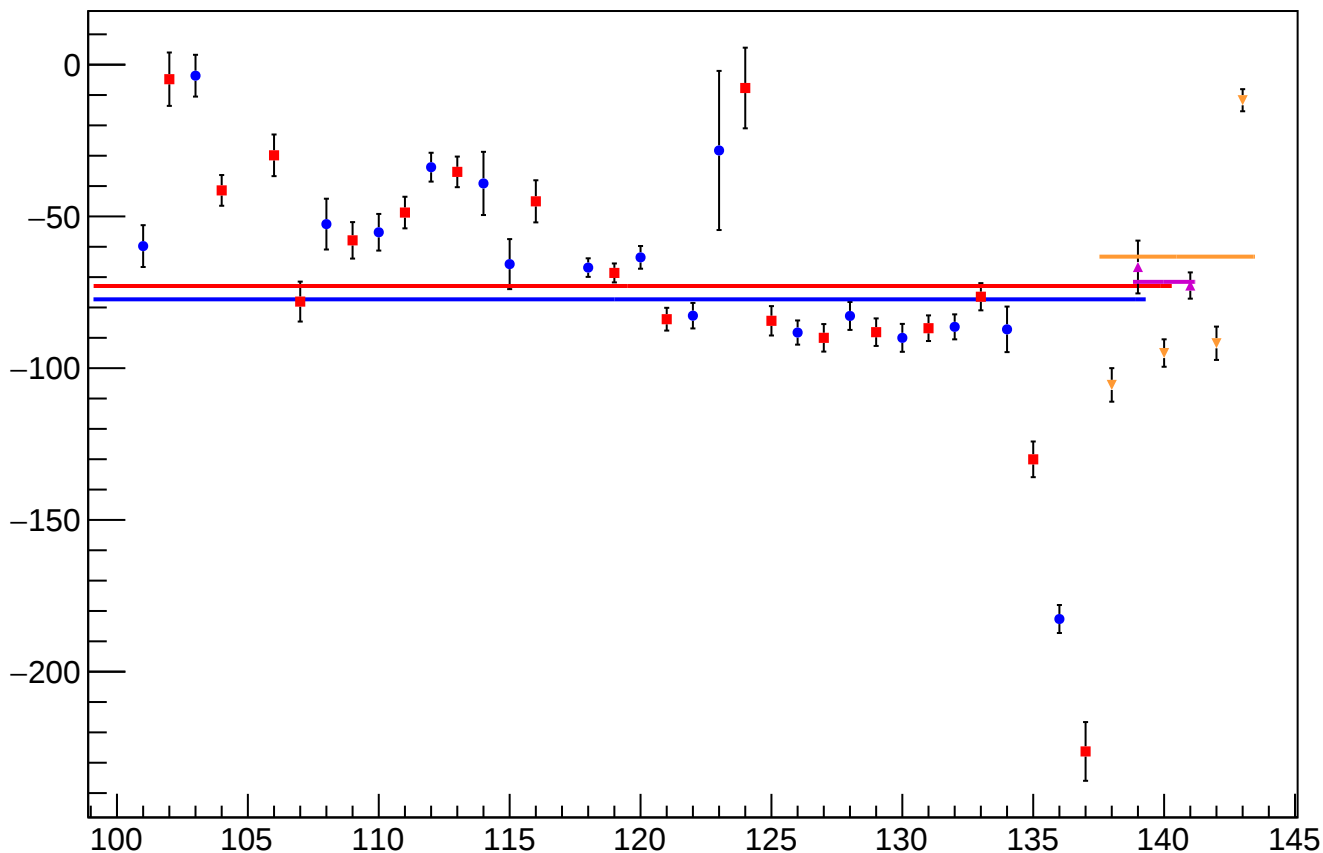
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -228.998 ± 1.778 $\chi^2/\text{NDF}: 1267.2/18$

Out: -186.546 ± 1.561 $\chi^2/\text{NDF}: 4798.4/21$

All: -205.022 ± 1.173 $\chi^2/\text{NDF}: 6387.5/40$

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: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -71.559 ± 3.872 χ^2/NDF : 0.4/1

Left: -65.409 ± 1.973 χ^2/NDF : 338.9/5

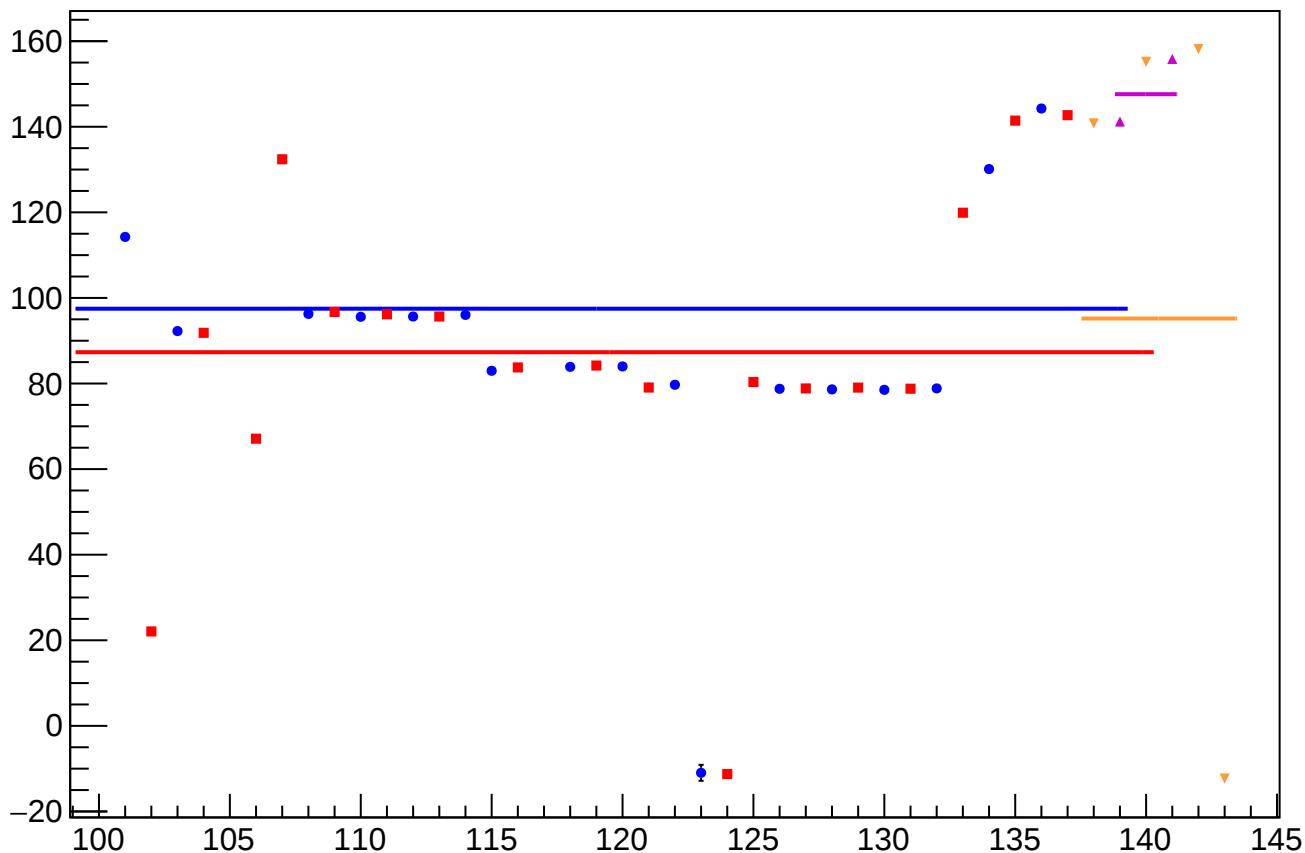
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -76.797 ± 1.165 χ^2/NDF : 820.1/18

Out: -70.822 ± 1.069 χ^2/NDF : 1009.8/21

All: -73.551 ± 0.788 χ^2/NDF : 1844.2/40

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 95.191+/-0.109 χ^2/NDF : 495181.8/3

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 147.612+/-0.143 χ^2/NDF : 2559.6/1

Left: 114.428+/-0.087 χ^2/NDF : 582275.5/5

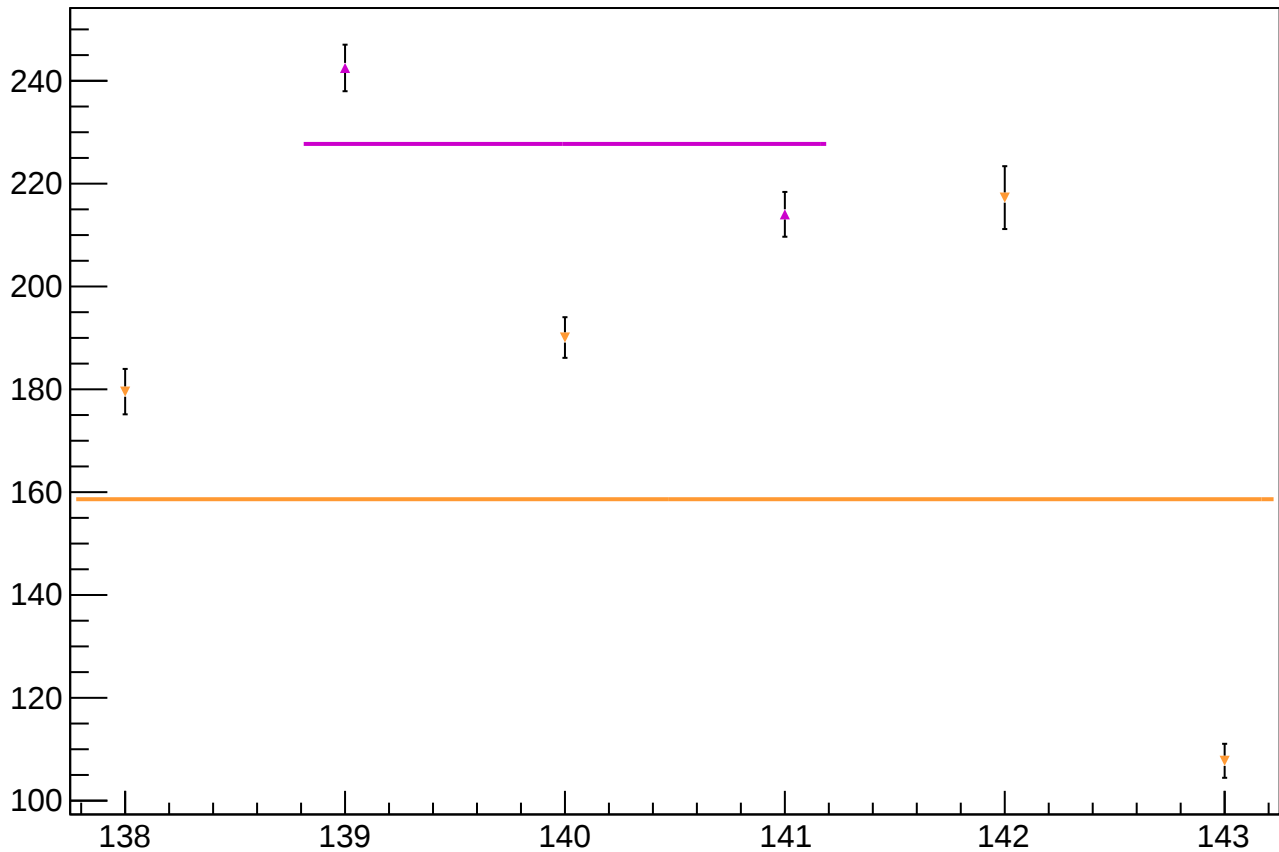
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 107.877+/-0.065 χ^2/NDF : 193751.3/18

Out: 89.533+/-0.058 χ^2/NDF : 720779.3/21

All: 97.610+/-0.043 χ^2/NDF : 958671.7/40

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

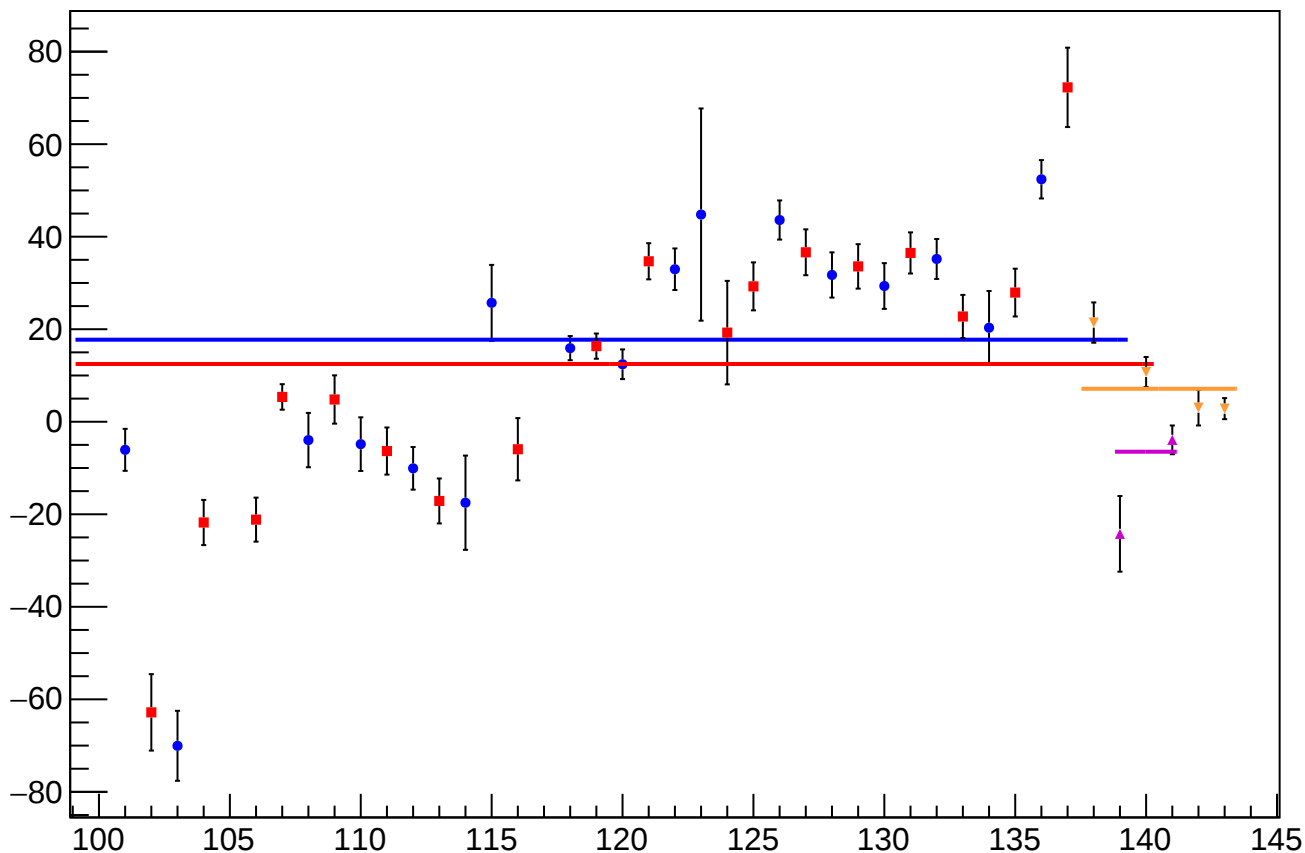
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 7.129 ± 1.566 $\chi^2/\text{NDF}: 16.7/3$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: -6.475 ± 2.902 $\chi^2/\text{NDF}: 5.4/1$

Left: 4.062 ± 1.378 $\chi^2/\text{NDF}: 39.2/5$

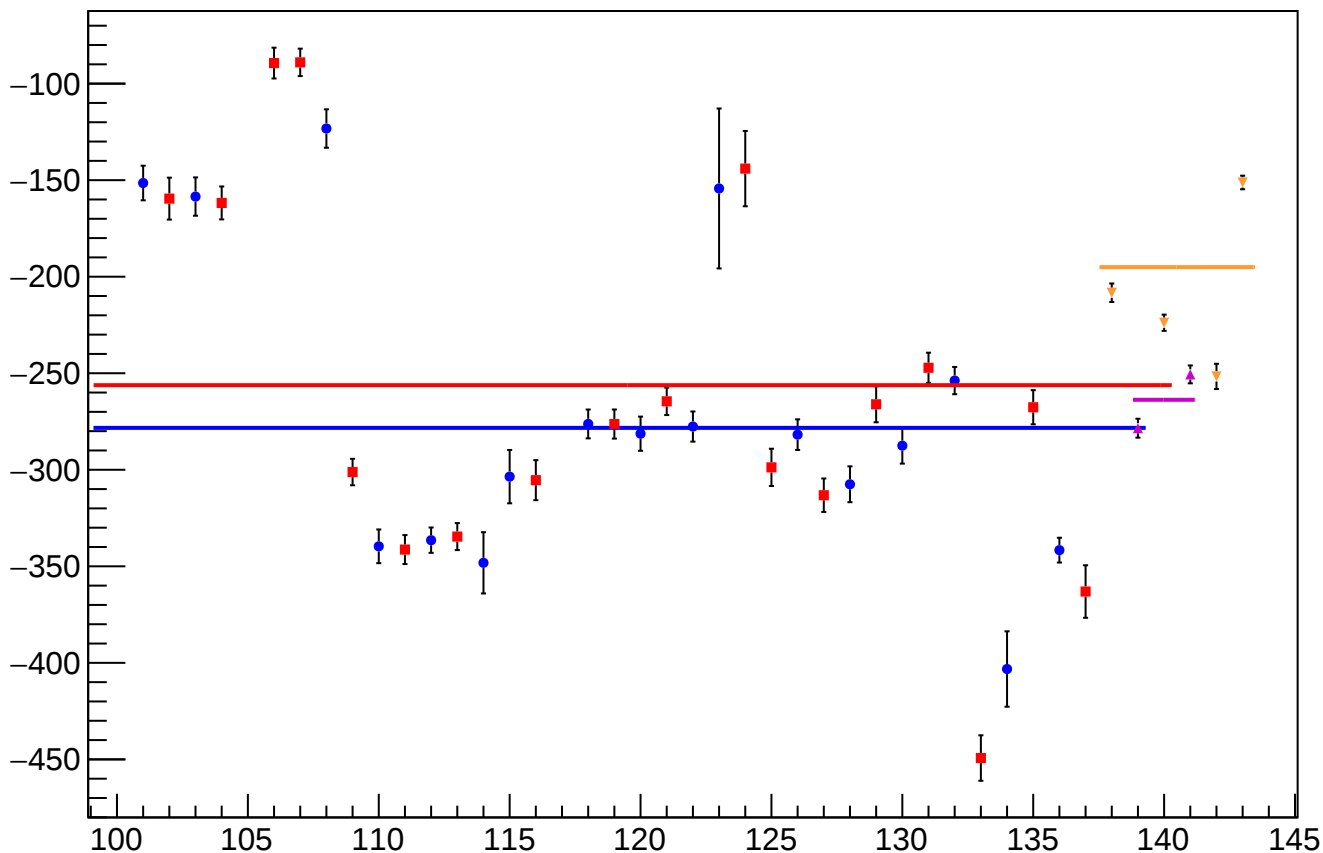
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 14.458 ± 1.068 $\chi^2/\text{NDF}: 459.6/18$

Out: 10.746 ± 0.892 $\chi^2/\text{NDF}: 453.8/21$

All: 12.271 ± 0.685 $\chi^2/\text{NDF}: 920.5/40$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -195.037 ± 2.215 χ^2/NDF : 284.0/3

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -263.751 ± 3.366 χ^2/NDF : 17.1/1

Left: -215.799 ± 1.850 χ^2/NDF : 591.9/5

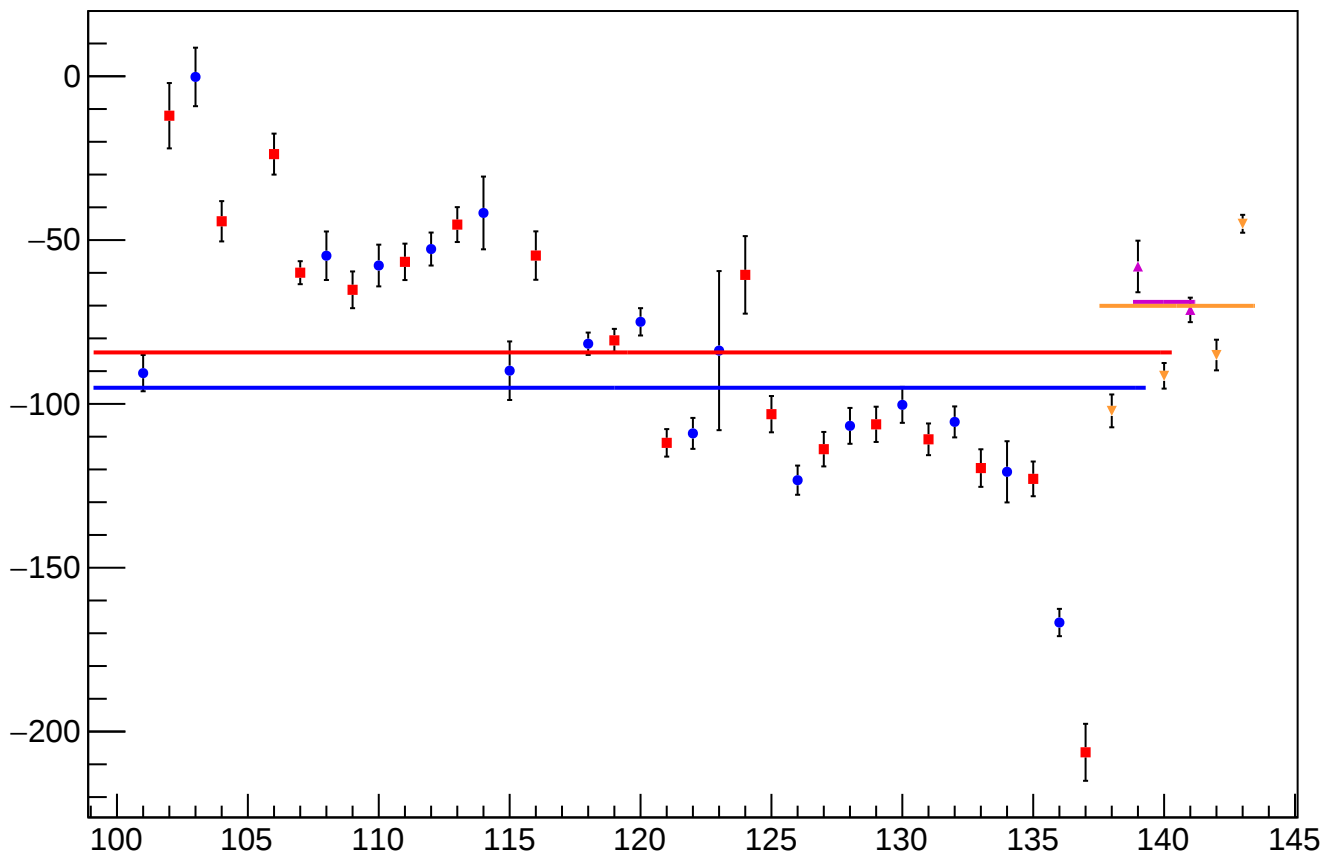
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -274.018 ± 1.825 χ^2/NDF : 940.2/18

Out: -228.342 ± 1.494 χ^2/NDF : 2651.3/21

All: -246.675 ± 1.156 χ^2/NDF : 3966.4/40

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -70.069 ± 1.872 χ^2/NDF : 165.3/3

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -68.869 ± 3.377 χ^2/NDF : 2.3/1

Left: -69.787 ± 1.638 χ^2/NDF : 167.7/5

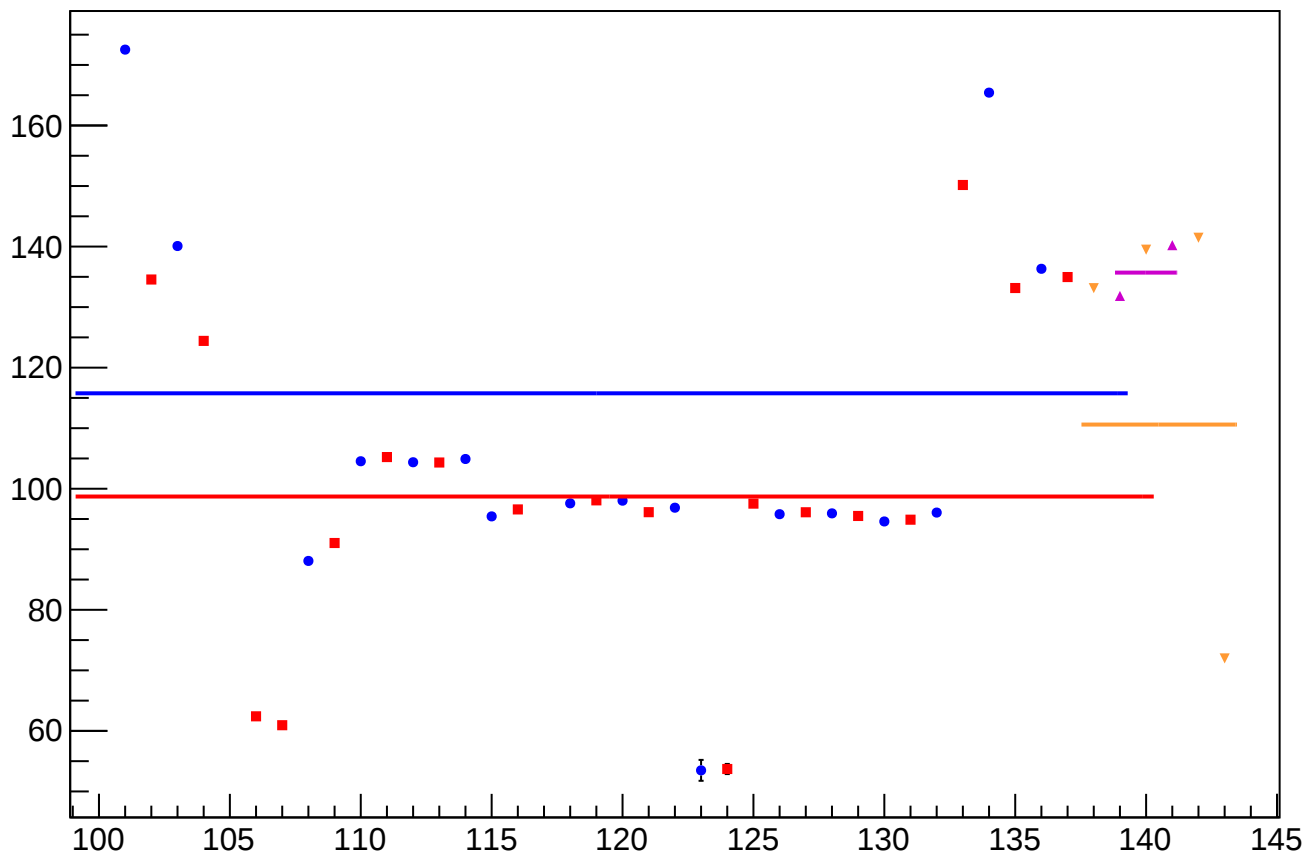
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -91.576 ± 1.234 χ^2/NDF : 727.7/18

Out: -79.866 ± 1.044 χ^2/NDF : 973.8/21

All: -84.754 ± 0.797 χ^2/NDF : 1754.0/40

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 110.600 $\pm$ 0.091 χ^2 /NDF: 126544.9/3

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 135.698 $\pm$ 0.127 χ^2 /NDF: 1078.3/1

Left: 119.069 $\pm$ 0.074 χ^2 /NDF: 153399.2/5

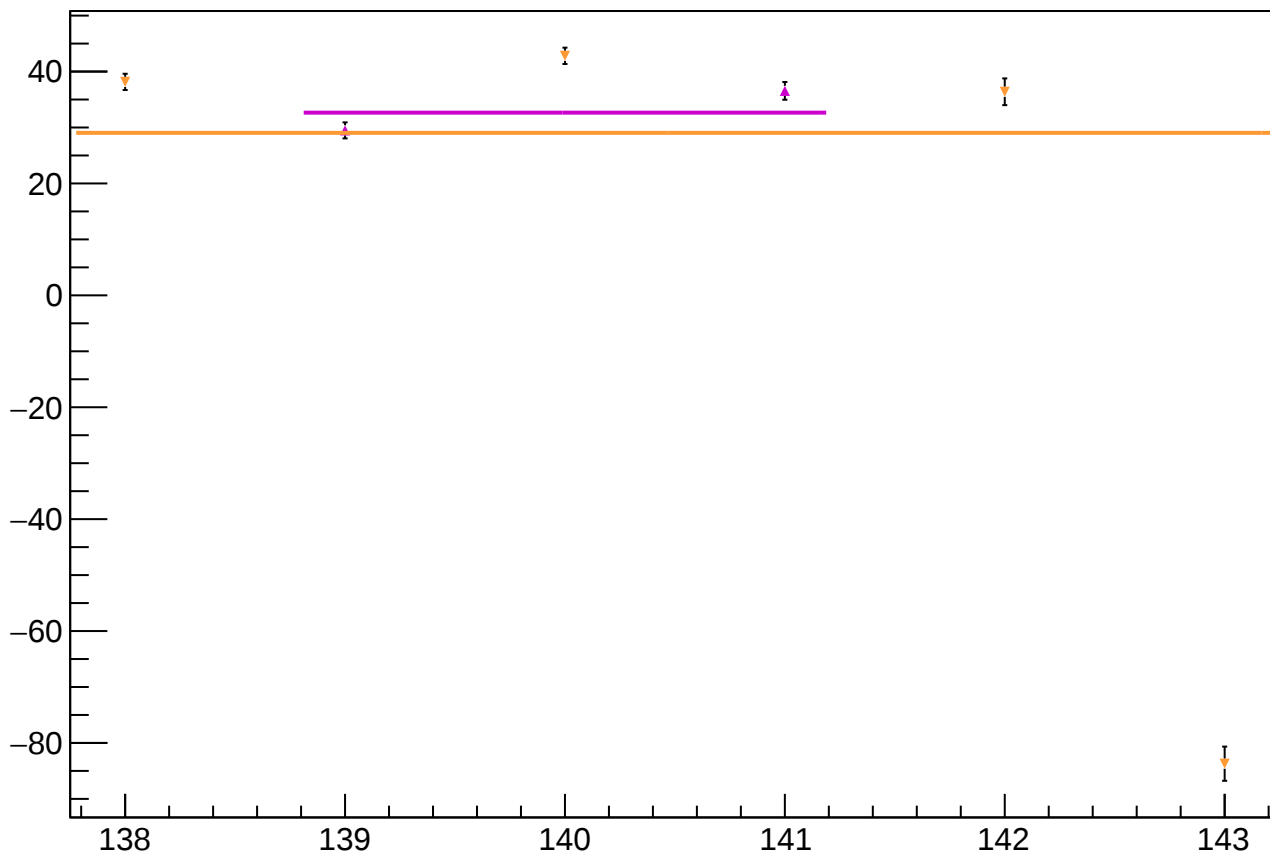
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 121.216 $\pm$ 0.067 χ^2 /NDF: 125206.1/18

Out: 103.041 $\pm$ 0.055 χ^2 /NDF: 307624.1/21

All: 110.383 $\pm$ 0.042 χ^2 /NDF: 477281.5/40

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 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

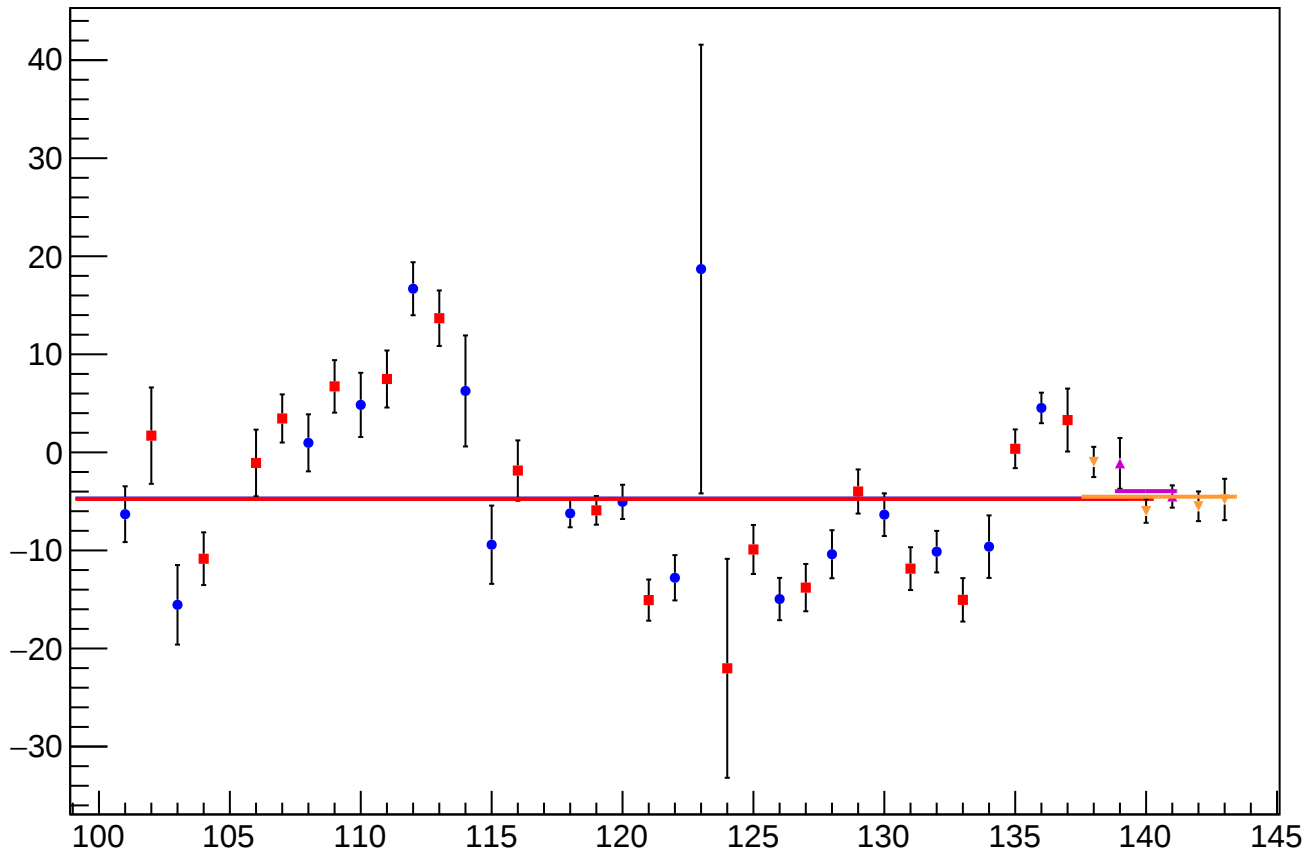
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -4.521 ± 0.751 χ^2/NDF : 7.2/3

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -3.952 ± 1.042 χ^2/NDF : 1.4/1

Left: -4.326 ± 0.609 χ^2/NDF : 8.8/5

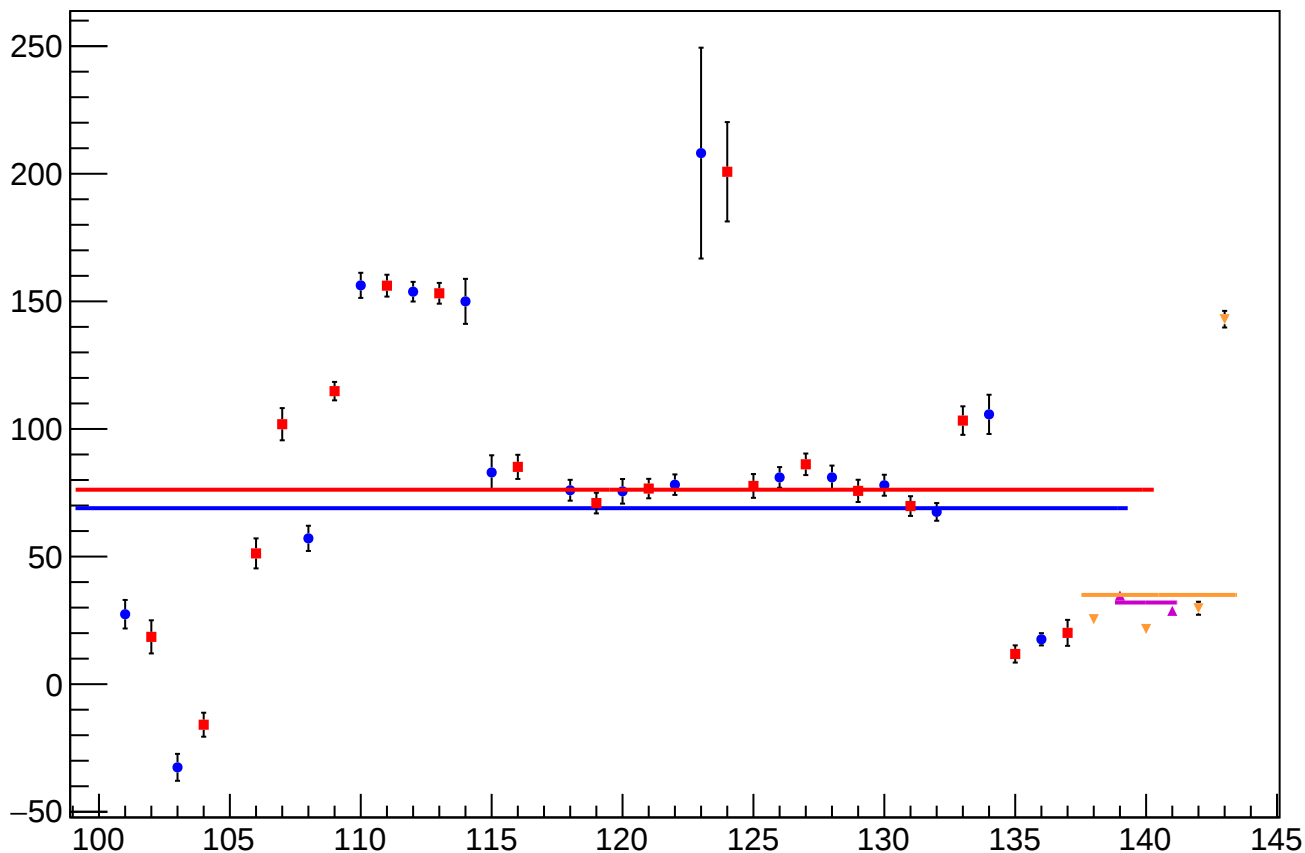
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -4.533 ± 0.507 χ^2/NDF : 176.5/18

Out: -4.660 ± 0.462 χ^2/NDF : 196.5/21

All: -4.602 ± 0.341 χ^2/NDF : 373.1/40

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 34.979 $\pm$ 0.969 χ^2 /NDF:1213.4/3

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

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

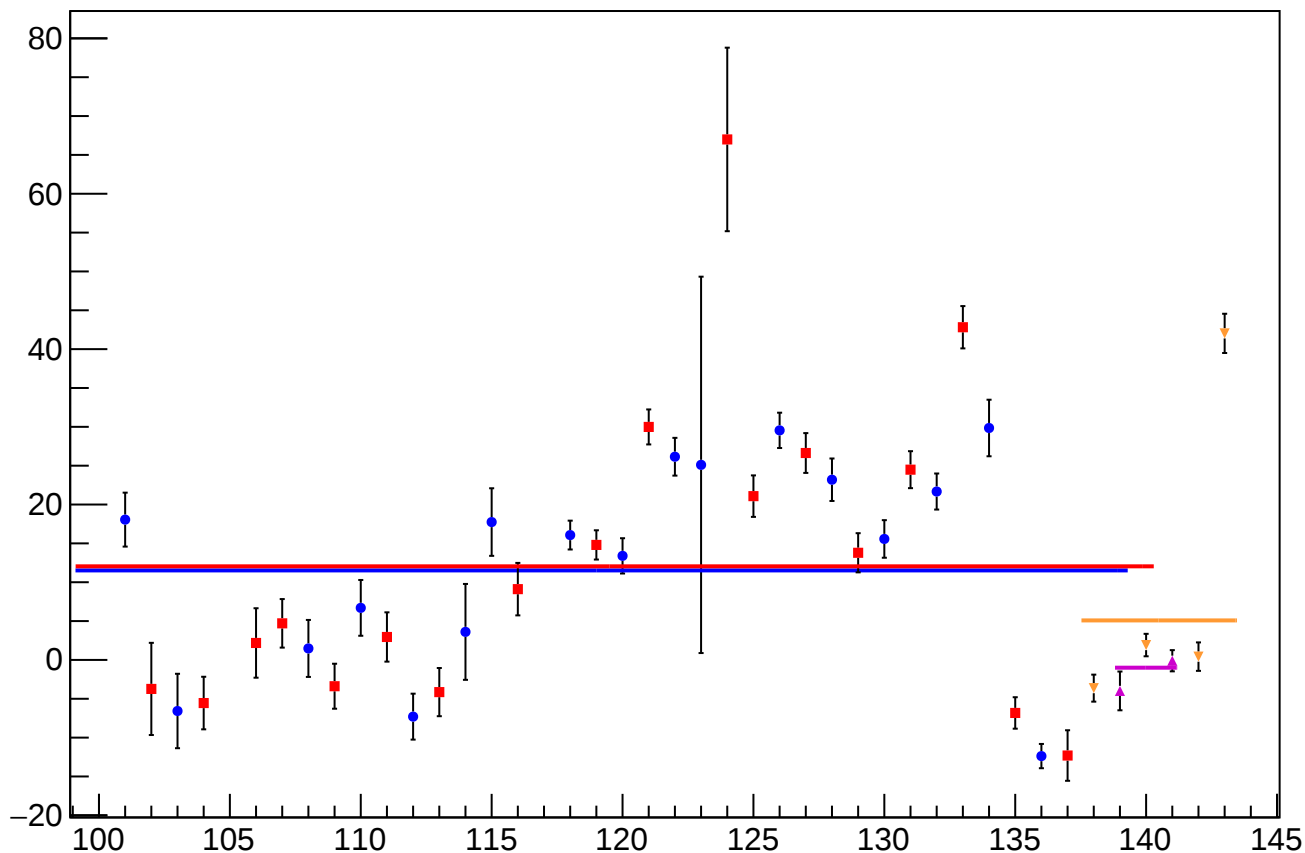
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 51.522 $\pm$ 0.784 χ^2 /NDF:2404.6/18

Out: 53.539 $\pm$ 0.719 χ^2 /NDF:3908.7/21

All: 52.618 $\pm$ 0.530 χ^2 /NDF: 6316.9/40

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: 12.046+/-0.665 χ^2/NDF : 538.7/17

Left In: -1.000+/-1.197 χ^2/NDF :1.9/1

Left: 2.922+/-0.714 χ^2/NDF : 269.0/5

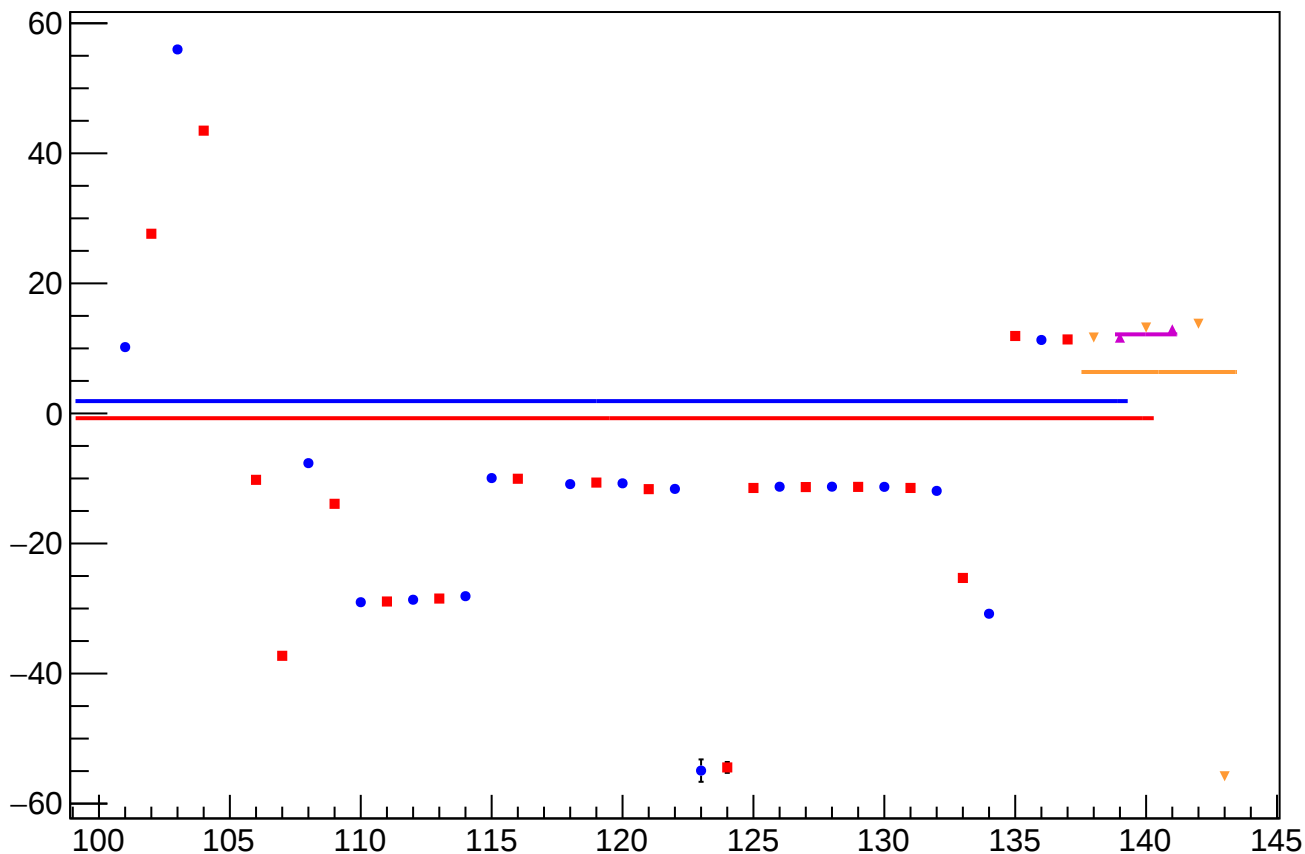
Right: 11.782+/-0.468 χ^2/NDF : 1016.2/34

In: 8.605+/-0.578 χ^2/NDF :562.9/18

Out: 9.551+/-0.532 χ^2/NDF :828.5/21

All: 9.117+/-0.392 χ^2/NDF : 1392.9/40

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 6.373 $\pm$ 0.040 χ^2 /NDF:248178.5/3

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 12.161 $\pm$ 0.043 χ^2 /NDF:216.0/1

Left: 9.050 $\pm$ 0.029 χ^2 /NDF: 258302.3/5

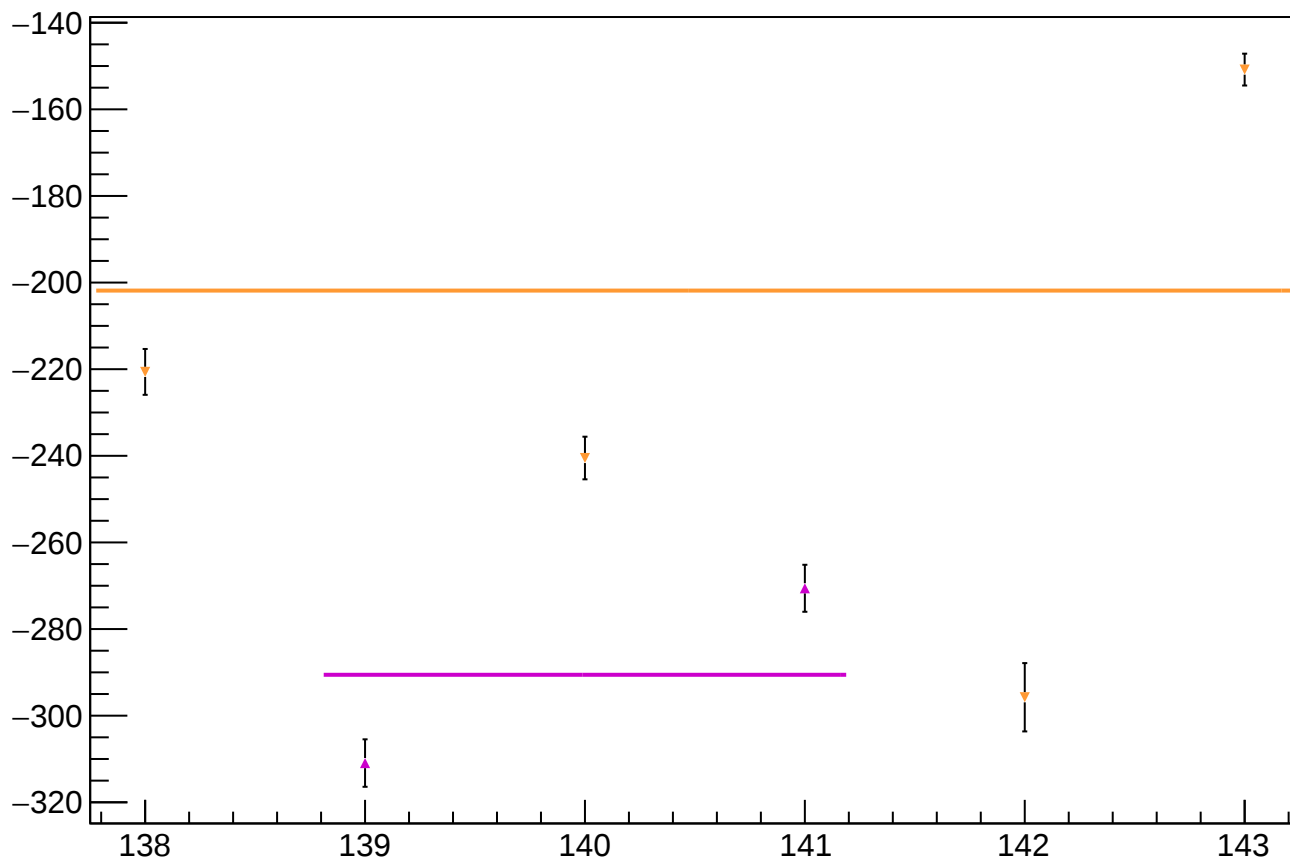
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 6.312 $\pm$ 0.028 χ^2 /NDF:392105.8/18

Out: 2.595 $\pm$ 0.027 χ^2 /NDF:625280.2/21

All: 4.393 $\pm$ 0.019 χ^2 /NDF: 1026510.7/40

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

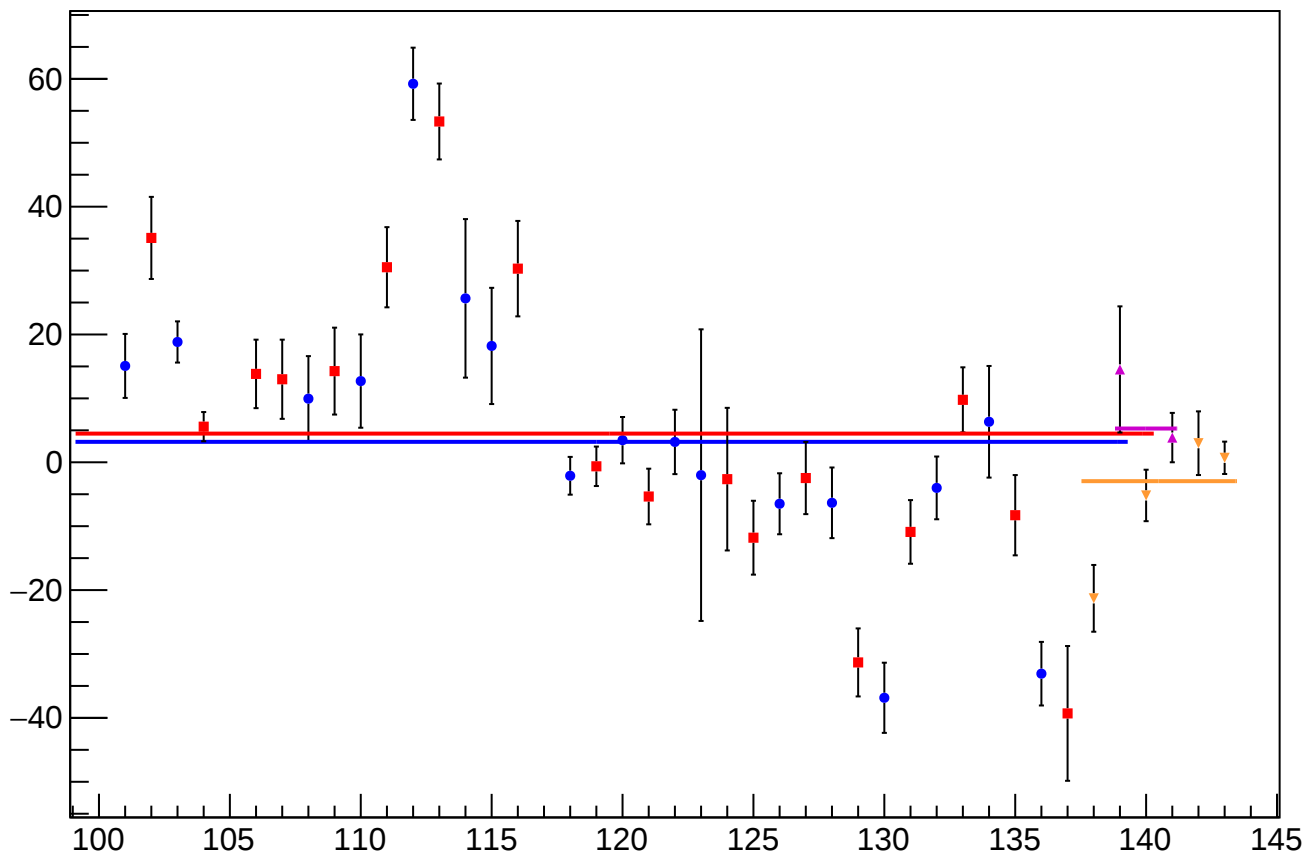
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



Right In: 3.200 $\pm$ 1.227 χ^2 /NDF: 255.2/16

Left Out: -2.954 $\pm$ 1.842 χ^2 /NDF:16.1/3

Right Out: 4.489 $\pm$ 1.159 χ^2 /NDF: 221.8/17

Left In: 5.282 $\pm$ 3.598 χ^2 /NDF:1.0/1

Left: -1.243 $\pm$ 1.640 χ^2 /NDF: 21.3/5

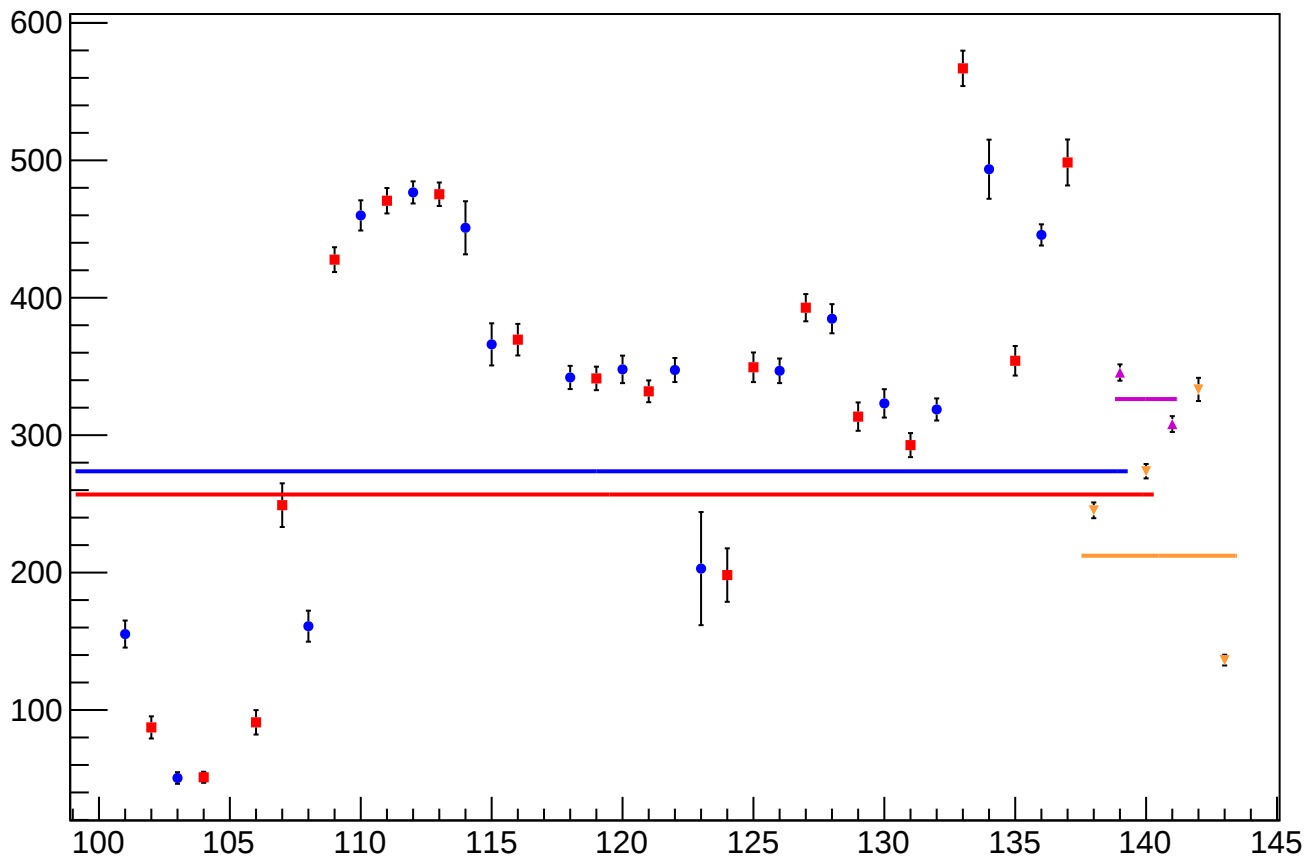
Right: 3.881 $\pm$ 0.843 χ^2 /NDF: 477.5/34

In: 3.417 $\pm$ 1.162 χ^2 /NDF:256.5/18

Out: 2.379 $\pm$ 0.981 χ^2 /NDF:249.6/21

All: 2.811 $\pm$ 0.749 χ^2 /NDF: 506.5/40

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 212.271 $\pm$ 2.618 χ^2 /NDF: 751.8/3

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

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

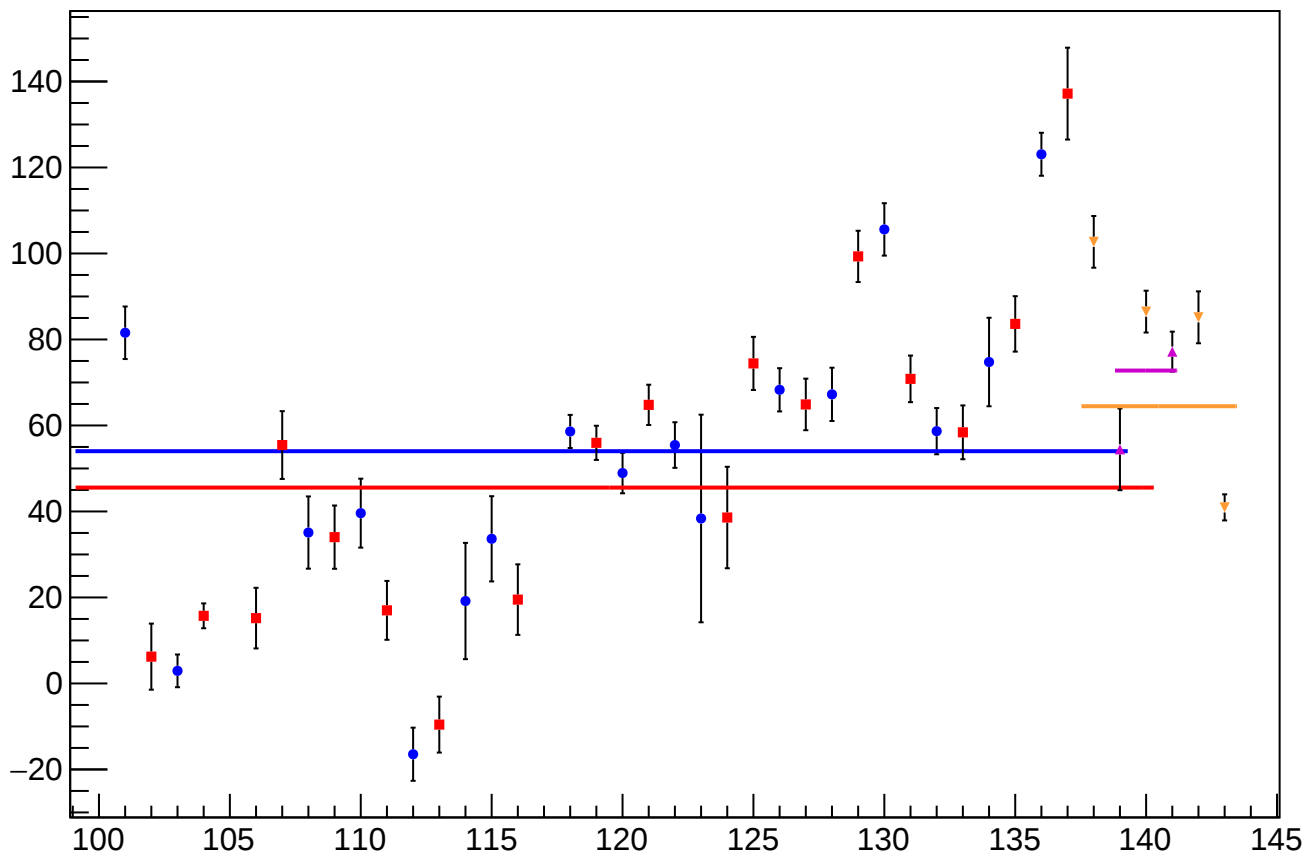
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 285.264 $\pm$ 1.939 χ^2 /NDF: 5249.9/18

Out: 239.549 $\pm$ 1.630 χ^2 /NDF: 7340.8/21

All: 258.487 $\pm$ 1.248 χ^2 /NDF: 12916.4/40

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 64.474 $\pm$ 2.203 χ^2 /NDF:132.7/3

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

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

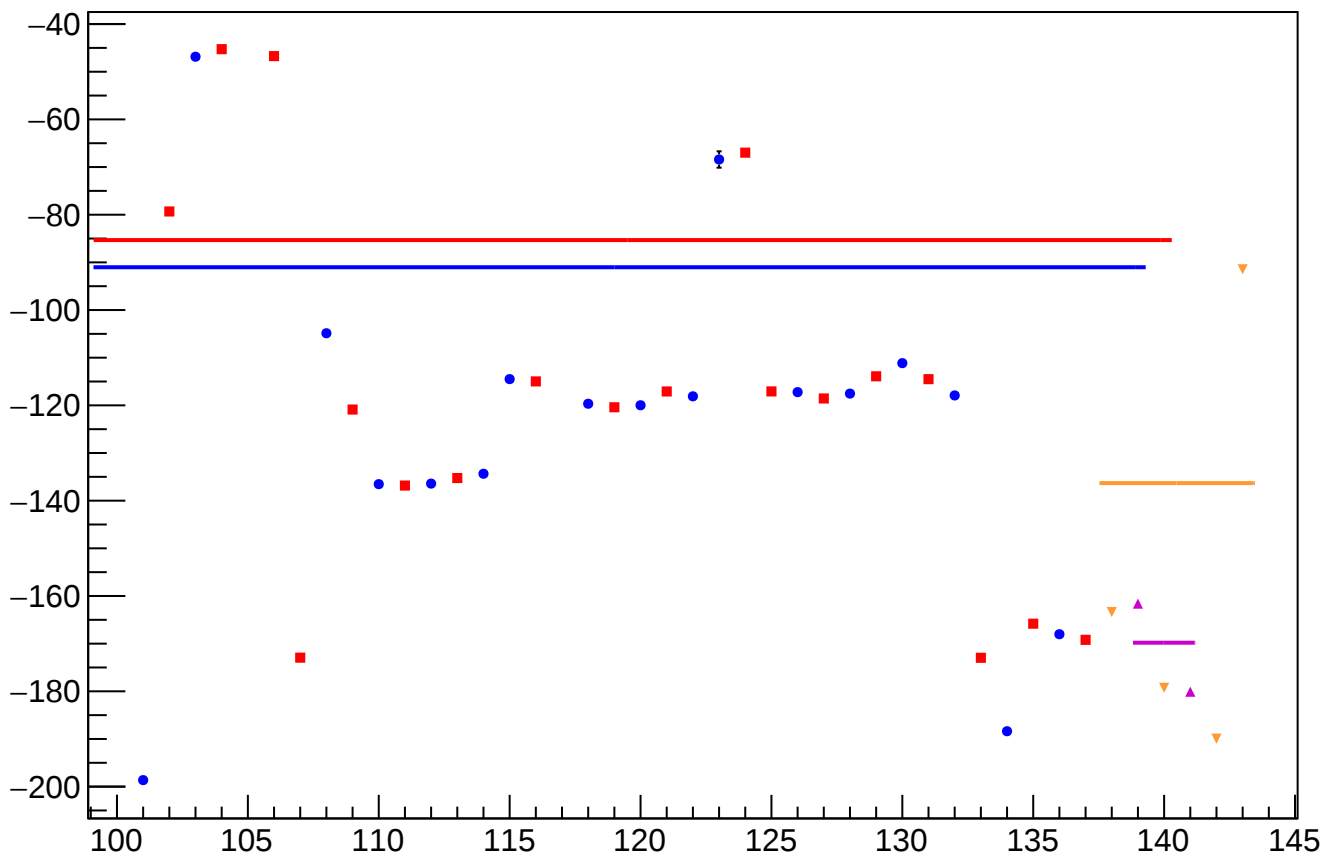
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 55.964 $\pm$ 1.347 χ^2 /NDF:655.5/18

Out: 50.763 $\pm$ 1.156 χ^2 /NDF:712.8/21

All: 52.969 $\pm$ 0.877 χ^2 /NDF: 1376.9/40

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -136.314+/-0.107 χ^2/NDF : 154918.3/3

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -169.801+/-0.156 χ^2/NDF : 3472.0/1

Left: -147.065+/-0.088 χ^2/NDF : 189744.1/5

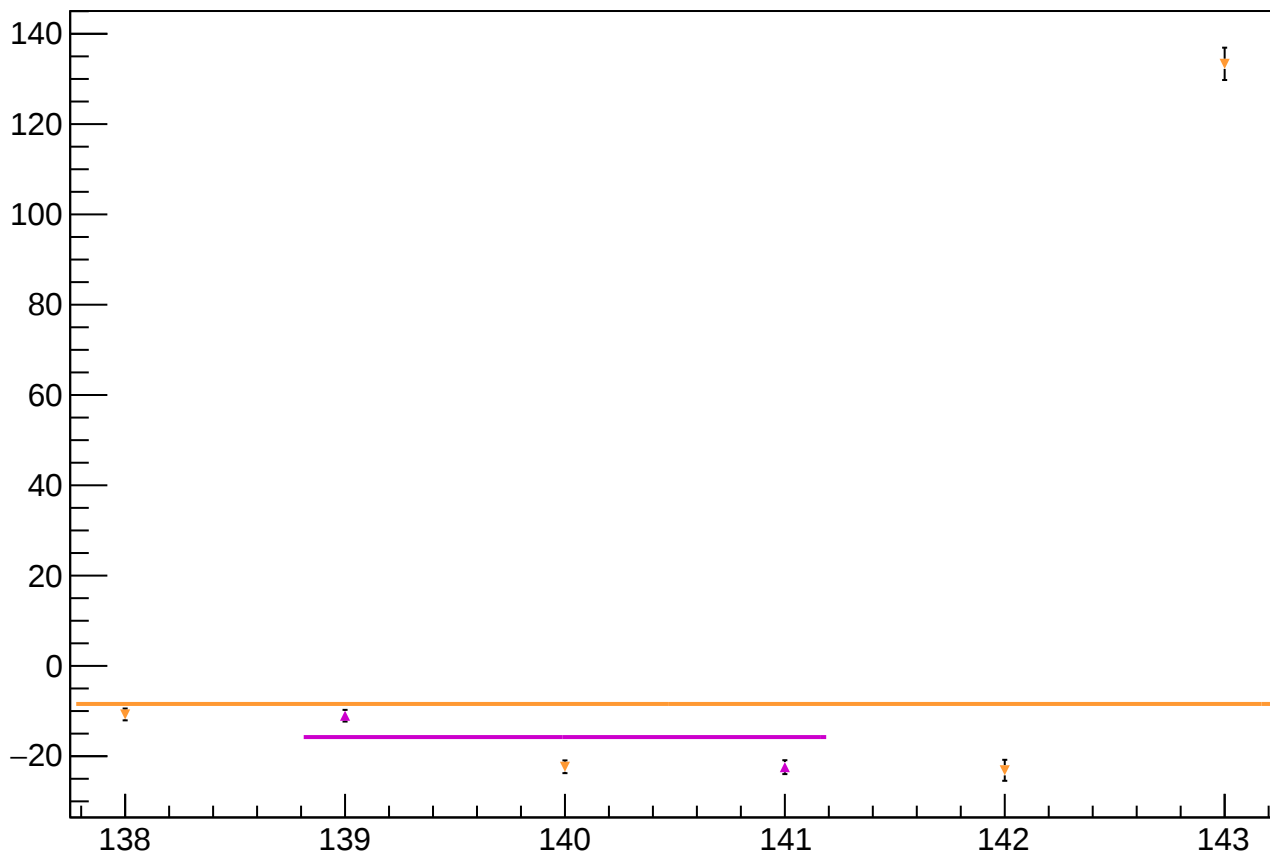
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -103.492+/-0.062 χ^2/NDF : 752845.5/18

Out: -99.089+/-0.056 χ^2/NDF : 803312.1/21

All: -101.055+/-0.041 χ^2/NDF : 1558949.2/40

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

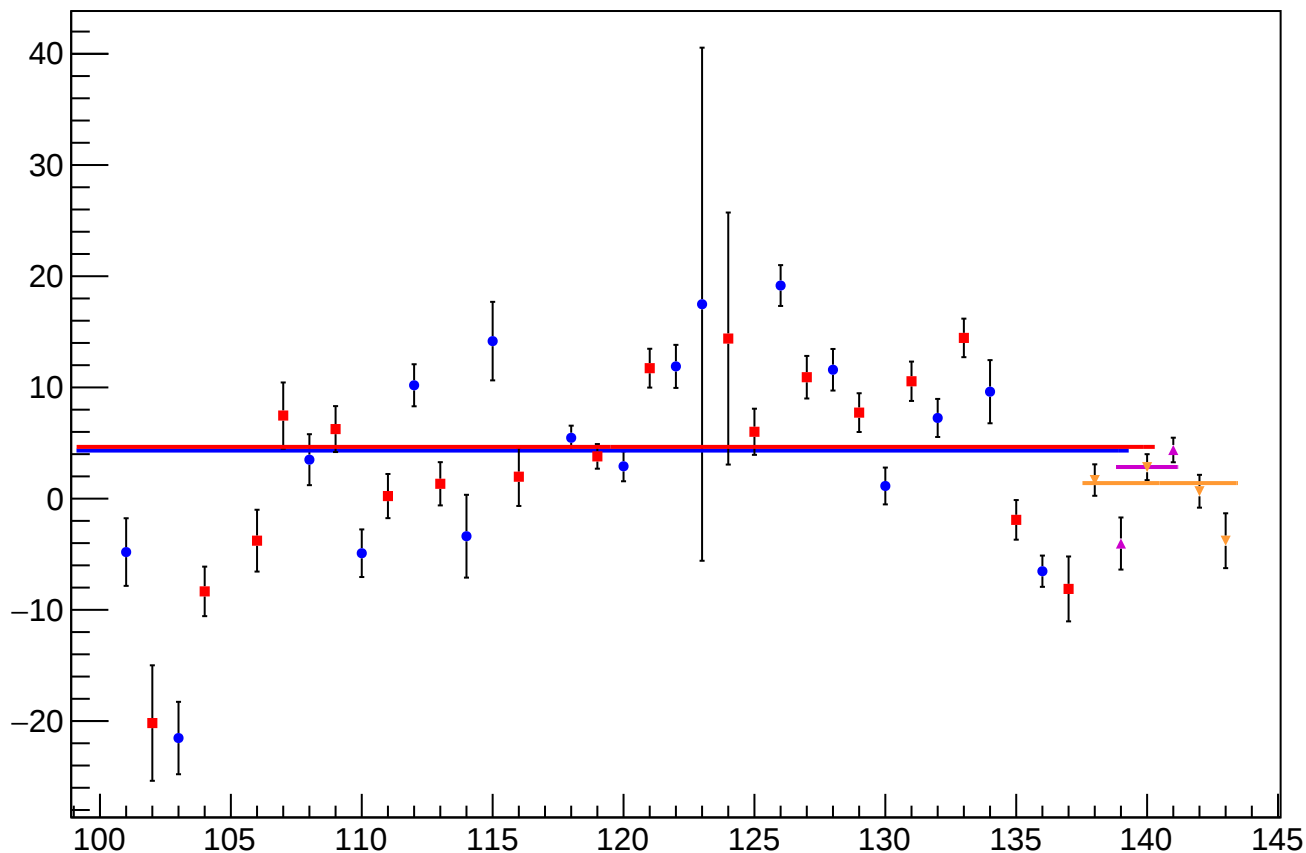
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 4.653 $\pm$ 0.474 χ^2 /NDF: 184.4/17

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

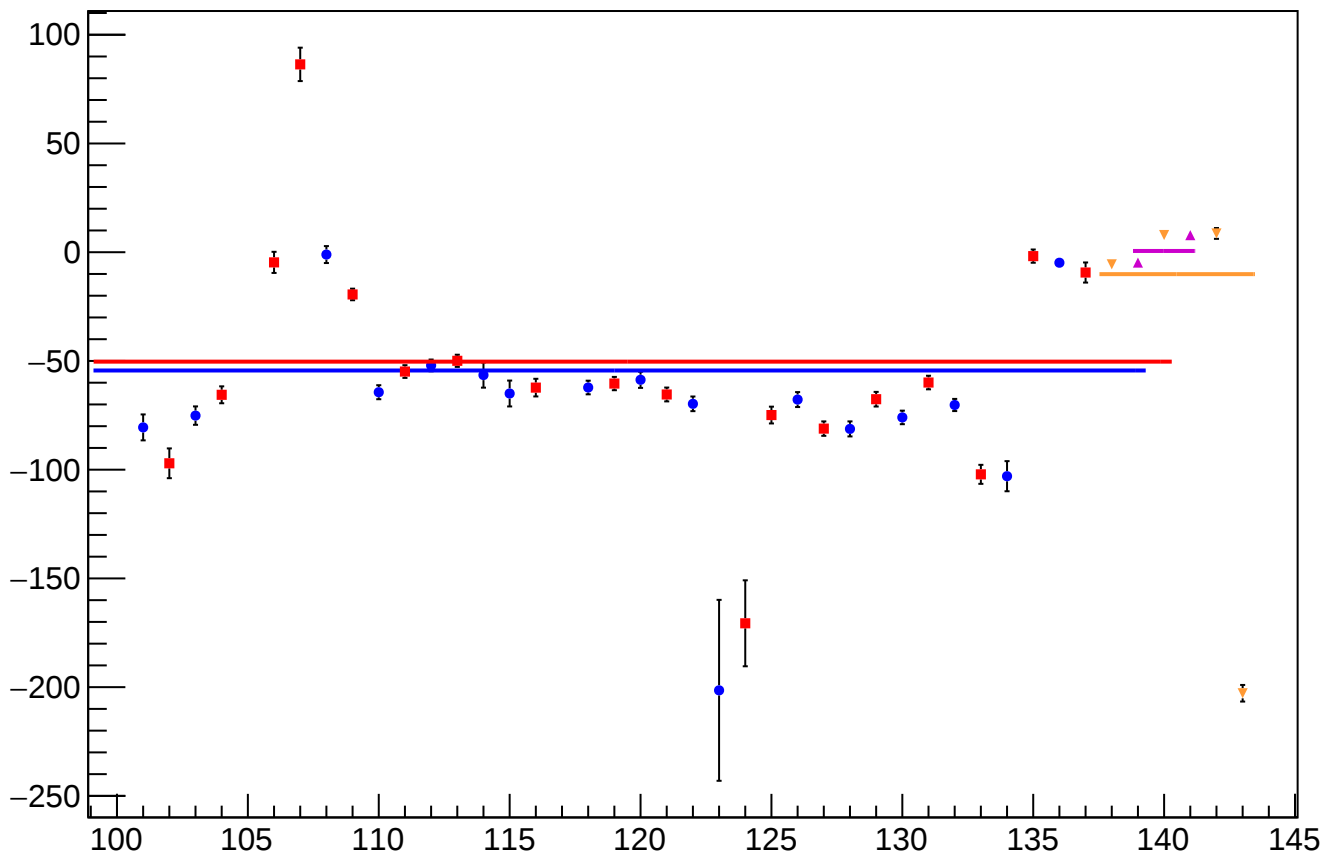
Right: 4.484 $\pm$ 0.332 χ^2 /NDF: 465.0/34

In: 4.058 $\pm$ 0.422 χ^2 /NDF:292.7/18

Out: 3.695 $\pm$ 0.398 χ^2 /NDF:204.5/21

All: 3.866 $\pm$ 0.290 χ^2 /NDF: 497.6/40

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387+/-0.864 χ^2/NDF : 1014.0/16

Left Out: -10.083+/-0.926 χ^2/NDF : 2756.0/3

Right Out: -50.316+/-0.858 χ^2/NDF : 1319.3/17

Left In: 0.576+/-1.066 χ^2/NDF : 34.2/1

Left: -5.497+/-0.699 χ^2/NDF : 2847.2/5

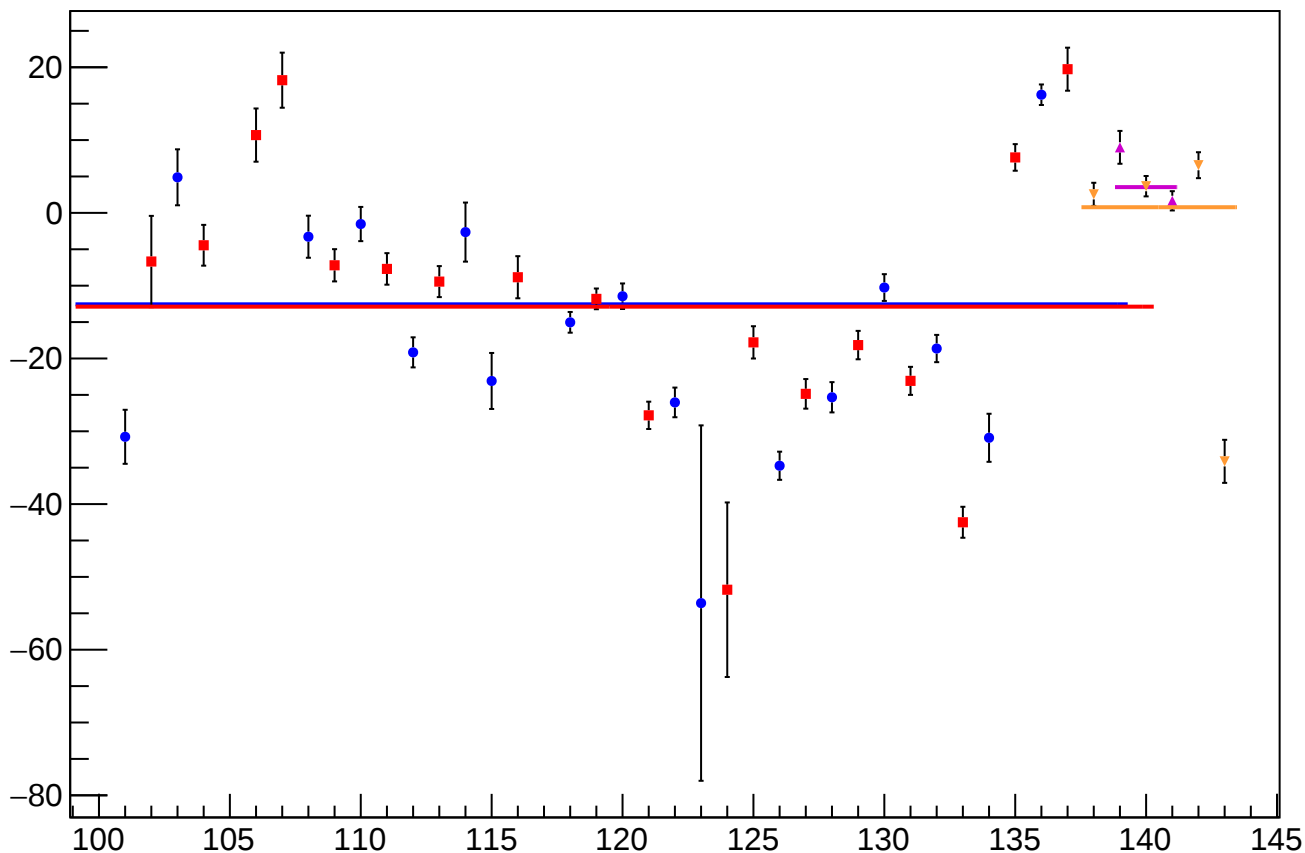
Right: -52.337+/-0.609 χ^2/NDF : 2344.4/34

In: -32.571+/-0.671 χ^2/NDF : 2652.6/18

Out: -31.724+/-0.629 χ^2/NDF : 5090.7/21

All: -32.120+/-0.459 χ^2/NDF : 7744.2/40

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 0.776 ± 0.865 χ^2/NDF : 155.4/3

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 3.539 ± 1.142 χ^2/NDF : 7.9/1

Left: 1.784 ± 0.690 χ^2/NDF : 167.0/5

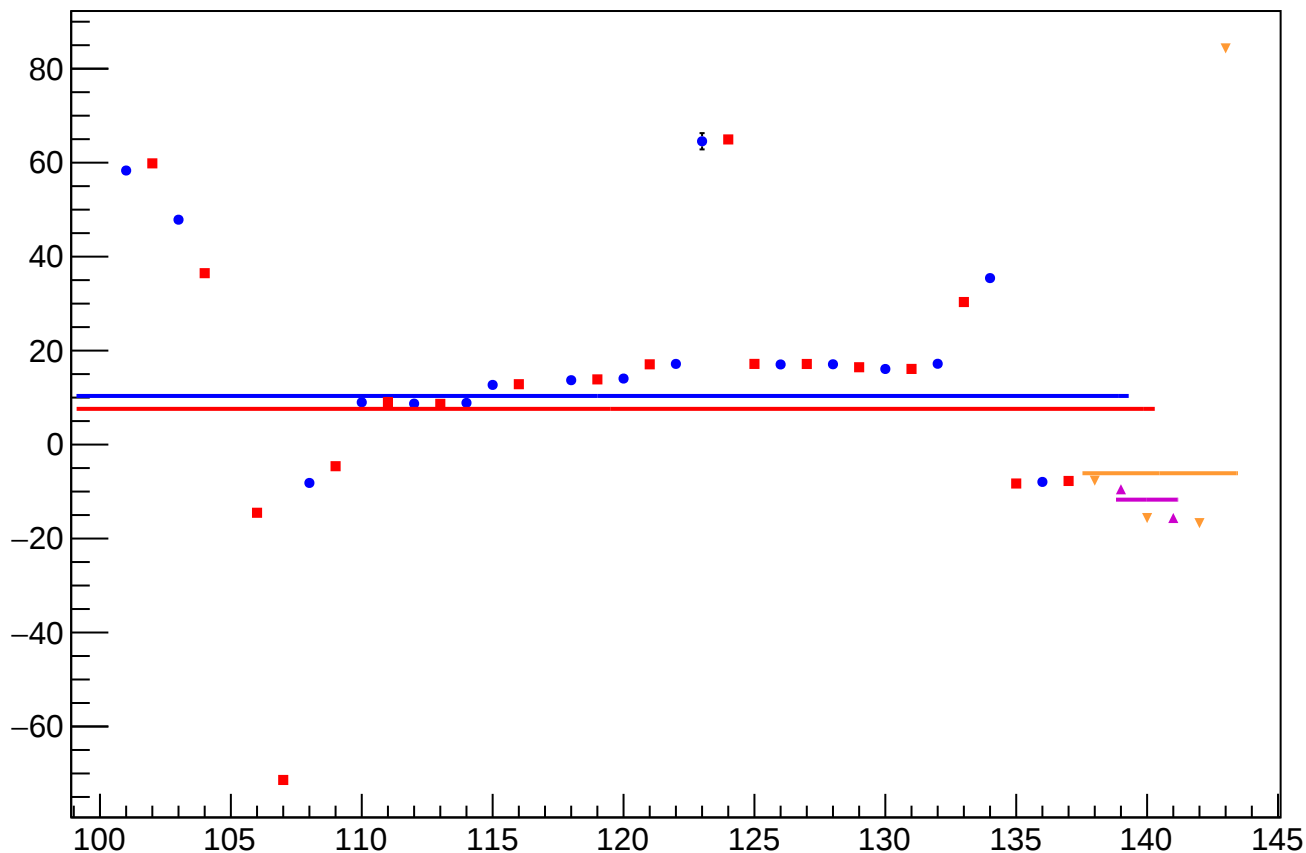
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -9.695 ± 0.482 χ^2/NDF : 950.7/18

Out: -9.070 ± 0.457 χ^2/NDF : 1061.6/21

All: -9.366 ± 0.332 χ^2/NDF : 2013.3/40

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 ± 0.031 χ^2/NDF : 380878.9/16

Left Out: -6.100 ± 0.038 χ^2/NDF : 379652.1/3

Right Out: 7.602 ± 0.031 χ^2/NDF : 538460.3/17

Left In: -11.721 ± 0.040 χ^2/NDF : 5501.9/1

Left: -8.769 ± 0.027 χ^2/NDF : 395746.7/5

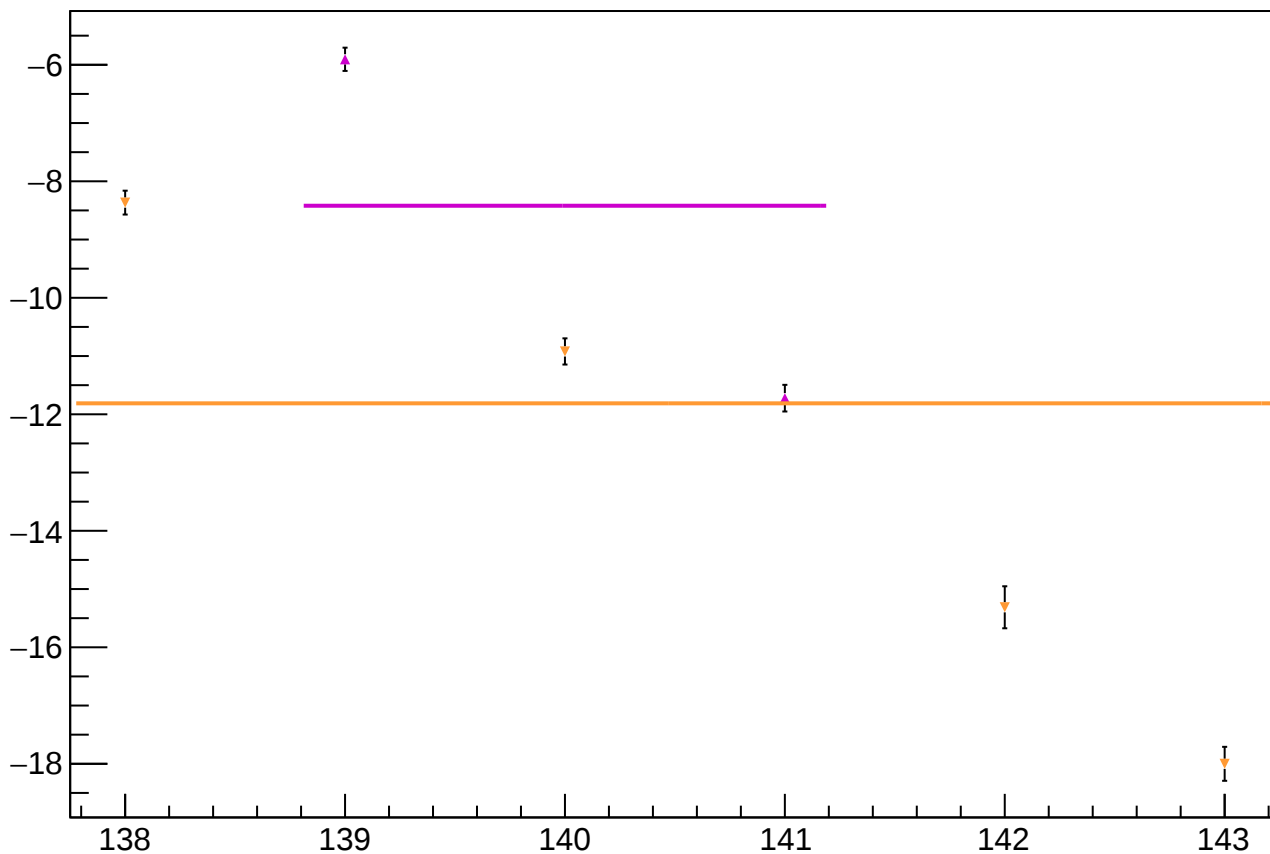
Right: 9.008 ± 0.022 χ^2/NDF : 923283.8/34

In: 2.101 ± 0.024 χ^2/NDF : 581071.1/18

Out: 2.001 ± 0.024 χ^2/NDF : 996478.6/21

All: 2.051 ± 0.017 χ^2/NDF : 1577558.3/40

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

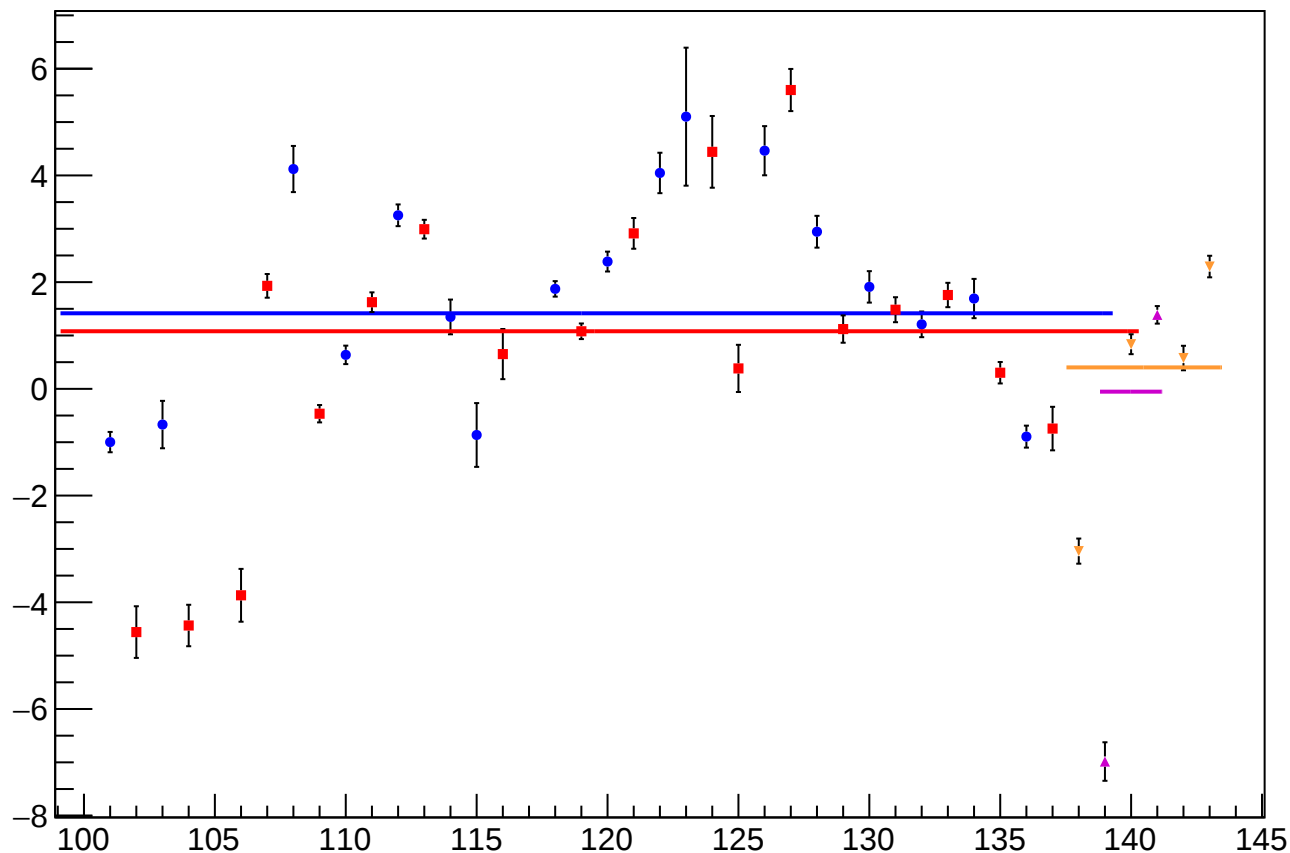
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.420+/-0.150 χ^2/NDF :367.2/1

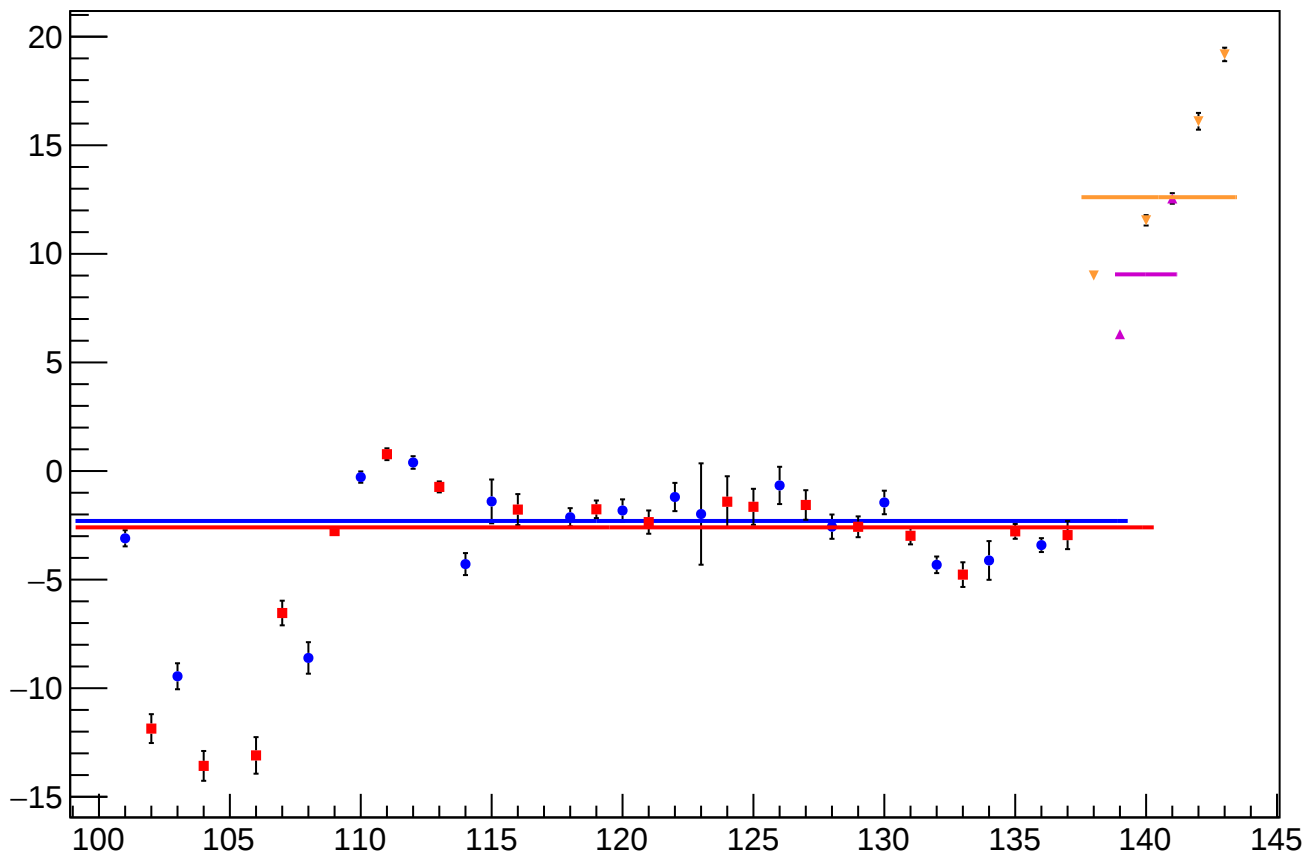
Out: -11.812+/-0.126 χ^2/NDF :843.6/3

All: -10.414+/-0.097 χ^2/NDF : 1509.8/5

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -2.594 ± 0.099 $\chi^2/\text{NDF}: 889.6/17$

Left In: 9.055 ± 0.161 $\chi^2/\text{NDF}: 369.1/1$

Left: 11.144 ± 0.104 $\chi^2/\text{NDF}: 1465.0/5$

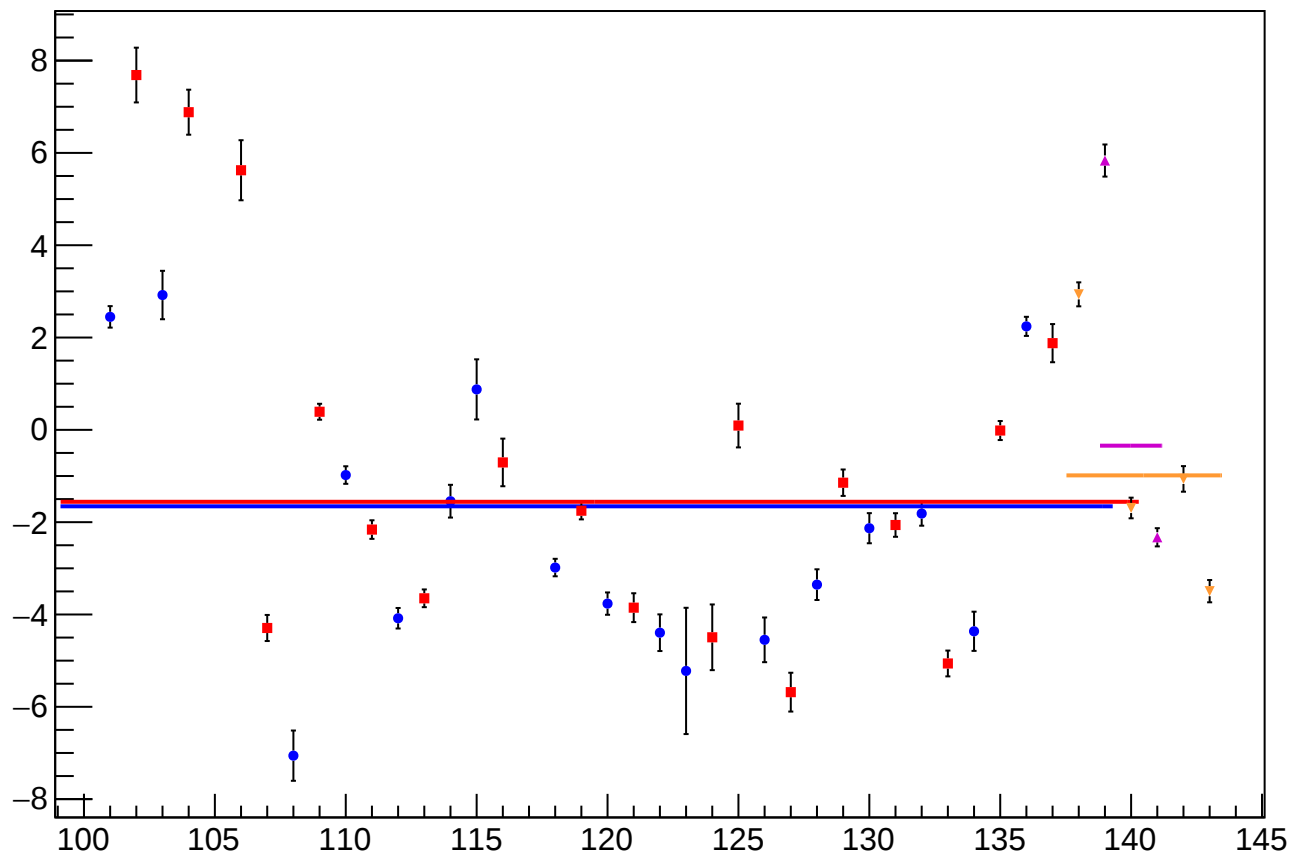
Right: -2.463 ± 0.074 $\chi^2/\text{NDF}: 1333.6/34$

In: 1.337 ± 0.091 $\chi^2/\text{NDF}: 4169.8/18$

Out: 2.730 ± 0.080 $\chi^2/\text{NDF}: 9913.8/21$

All: 2.125 ± 0.060 $\chi^2/\text{NDF}: 14215.1/40$

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: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -0.343 ± 0.172 χ^2/NDF : 416.6/1

Left: -0.765 ± 0.101 χ^2/NDF : 771.8/5

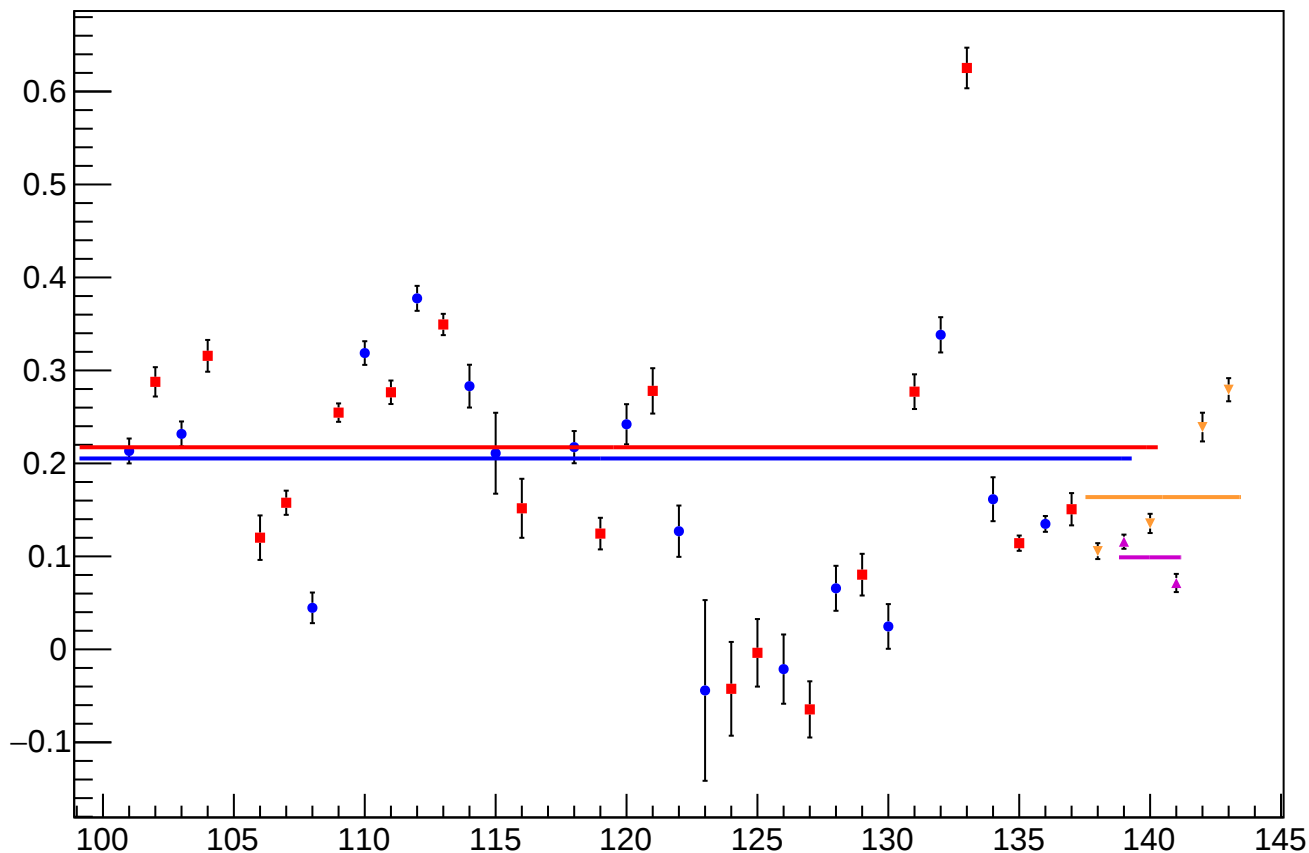
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.467 ± 0.065 χ^2/NDF : 1737.9/18

Out: -1.433 ± 0.058 χ^2/NDF : 1847.3/21

All: -1.448 ± 0.043 χ^2/NDF : 3585.4/40

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.164 $\pm$ 0.005 χ^2 /NDF:163.6/3

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

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

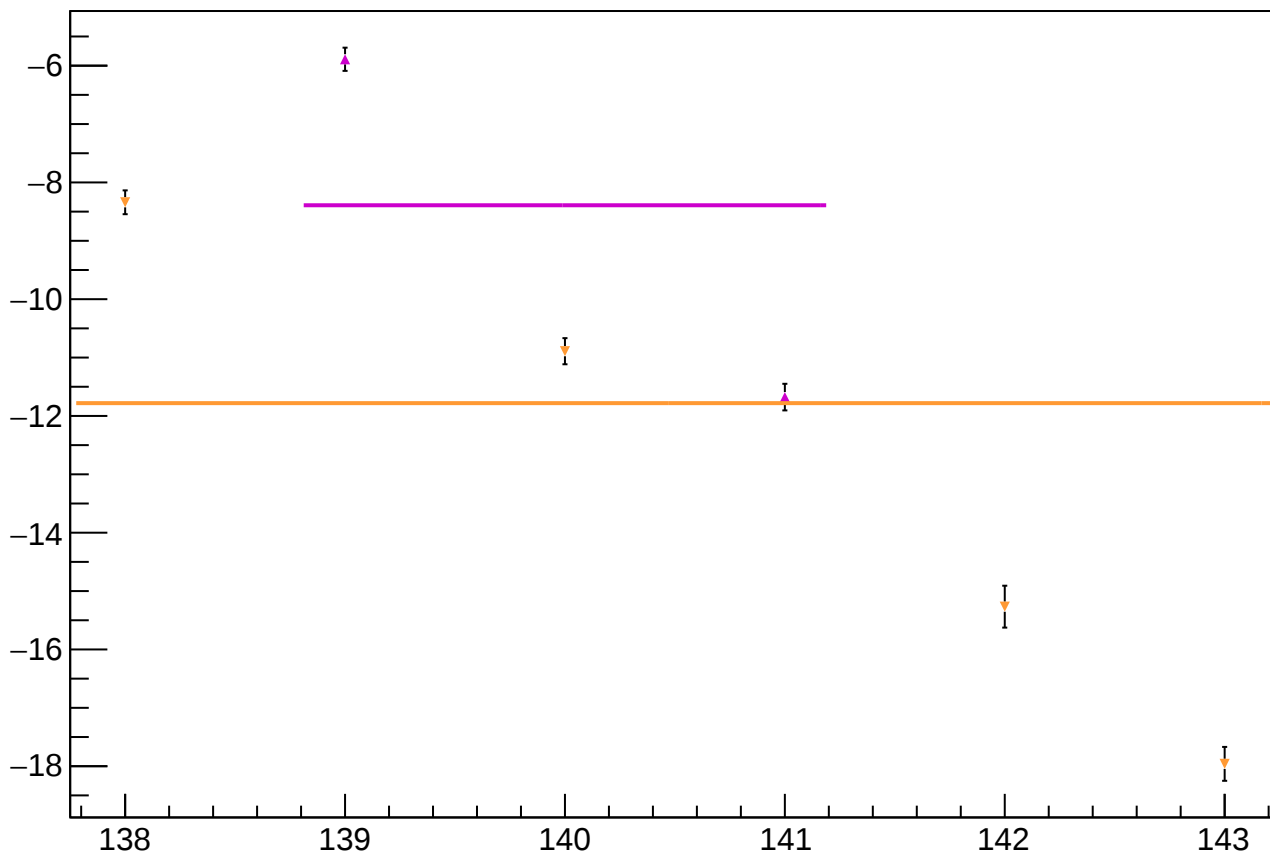
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.171 $\pm$ 0.003 χ^2 /NDF:845.5/18

Out: 0.200 $\pm$ 0.003 χ^2 /NDF:1249.2/21

All: 0.187 $\pm$ 0.002 χ^2 /NDF: 2135.4/40

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

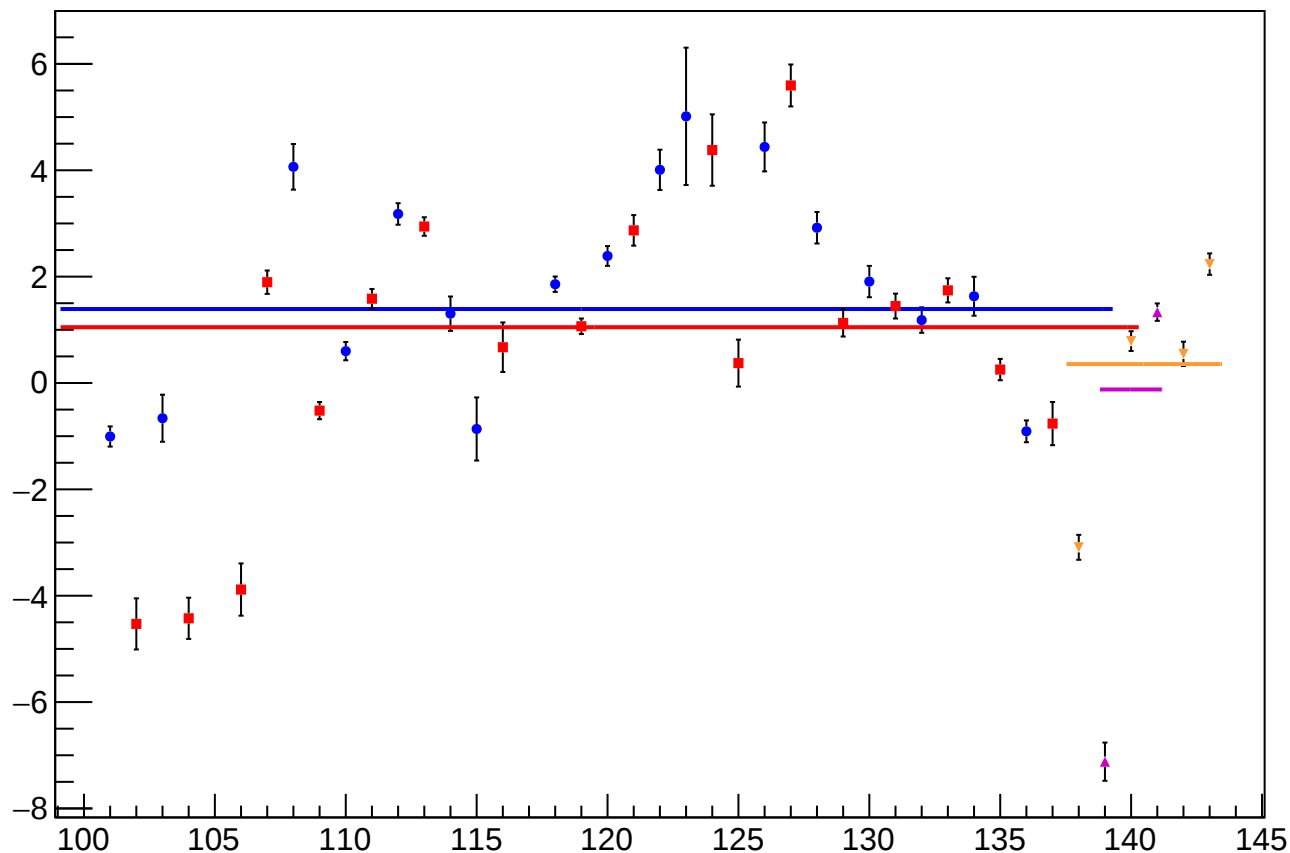
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 629.2/16$

Left Out: 0.355 ± 0.105 $\chi^2/\text{NDF}: 309.5/3$

Right Out: 1.049 ± 0.058 $\chi^2/\text{NDF}: 919.8/17$

Left In: -0.121 ± 0.149 $\chi^2/\text{NDF}: 457.7/1$

Left: 0.198 ± 0.086 $\chi^2/\text{NDF}: 774.1/5$

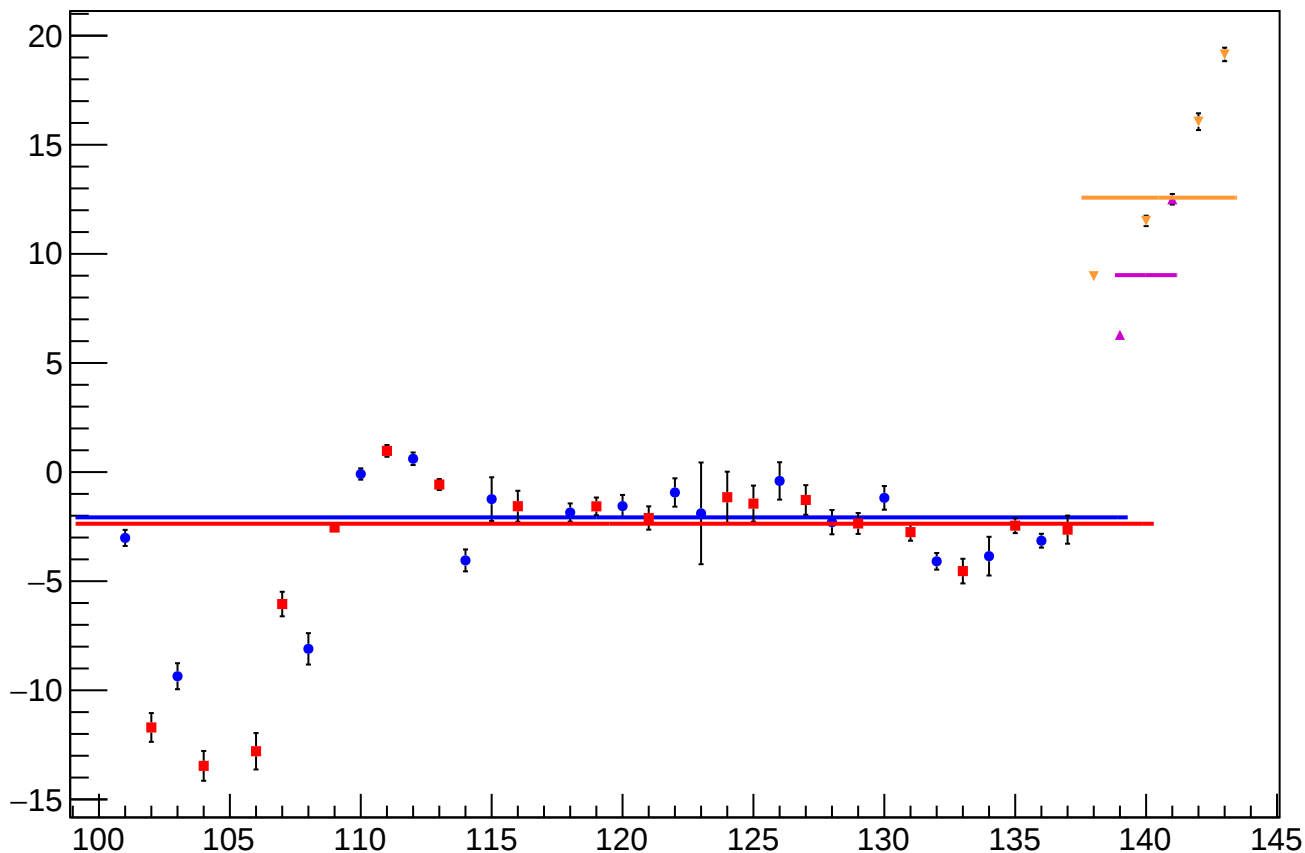
Right: 1.211 ± 0.042 $\chi^2/\text{NDF}: 1565.5/34$

In: 1.175 ± 0.056 $\chi^2/\text{NDF}: 1175.1/18$

Out: 0.887 ± 0.051 $\chi^2/\text{NDF}: 1262.9/21$

All: 1.015 ± 0.038 $\chi^2/\text{NDF}: 2452.4/40$

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: -2.366 ± 0.099 $\chi^2/\text{NDF}: 893.2/17$

Left In: 9.026 ± 0.161 $\chi^2/\text{NDF}: 368.2/1$

Left: 11.113 ± 0.103 $\chi^2/\text{NDF}: 1470.4/5$

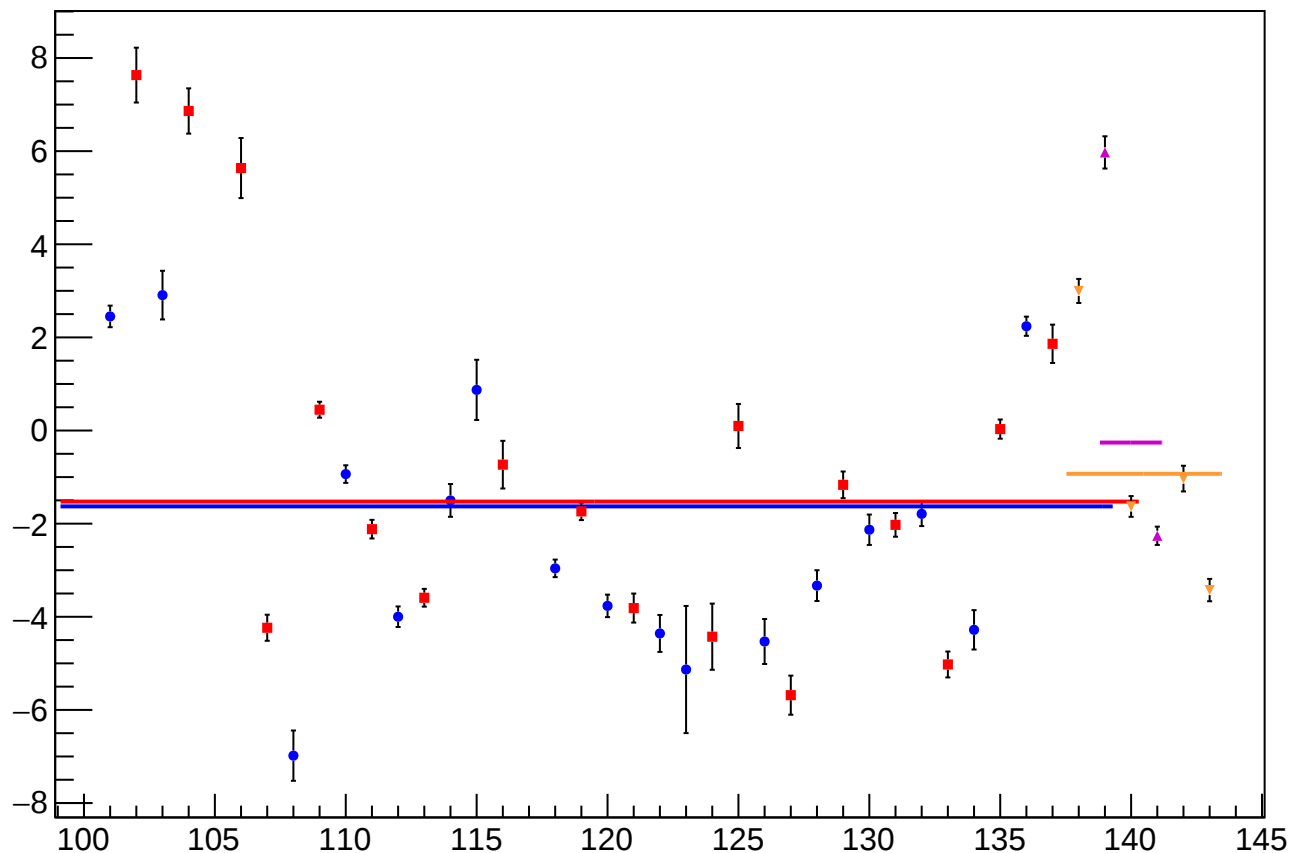
Right: -2.237 ± 0.074 $\chi^2/\text{NDF}: 1339.4/34$

In: 1.476 ± 0.091 $\chi^2/\text{NDF}: 4052.3/18$

Out: 2.861 ± 0.080 $\chi^2/\text{NDF}: 9719.5/21$

All: 2.260 ± 0.060 $\chi^2/\text{NDF}: 13902.9/40$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -0.930 ± 0.123 χ^2/NDF : 348.5/3

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -0.258 ± 0.171 χ^2/NDF : 427.6/1

Left: -0.699 ± 0.100 χ^2/NDF : 786.2/5

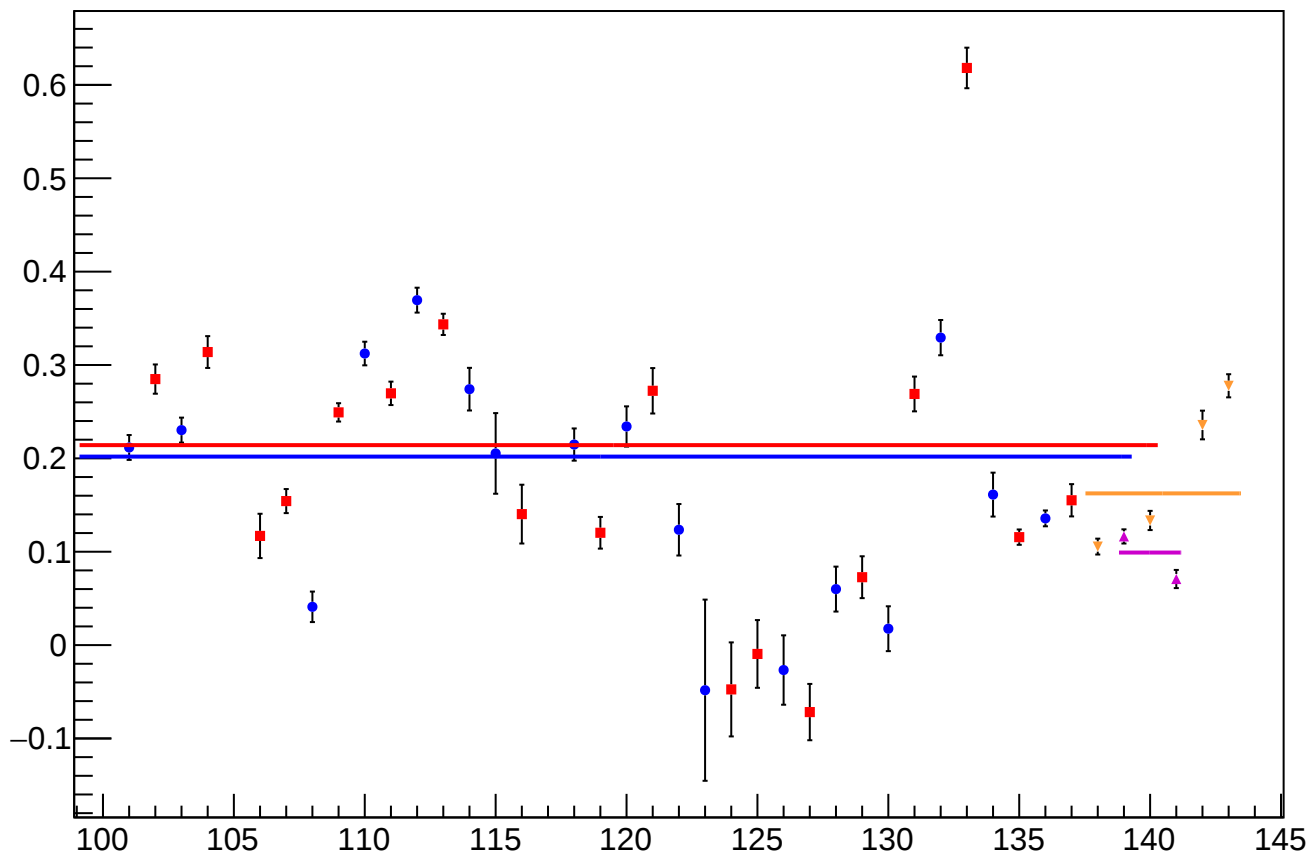
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.432 ± 0.065 χ^2/NDF : 1749.1/18

Out: -1.395 ± 0.058 χ^2/NDF : 1854.9/21

All: -1.411 ± 0.043 χ^2/NDF : 3604.1/40

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202+/-0.004 χ^2/NDF : 604.6/16

Left Out: 0.162+/-0.005 χ^2/NDF :162.0/3

Right Out: 0.214+/-0.004 χ^2/NDF : 1001.6/17

Left In: 0.099+/-0.006 χ^2/NDF :13.7/1

Left: 0.134+/-0.004 χ^2/NDF : 237.2/5

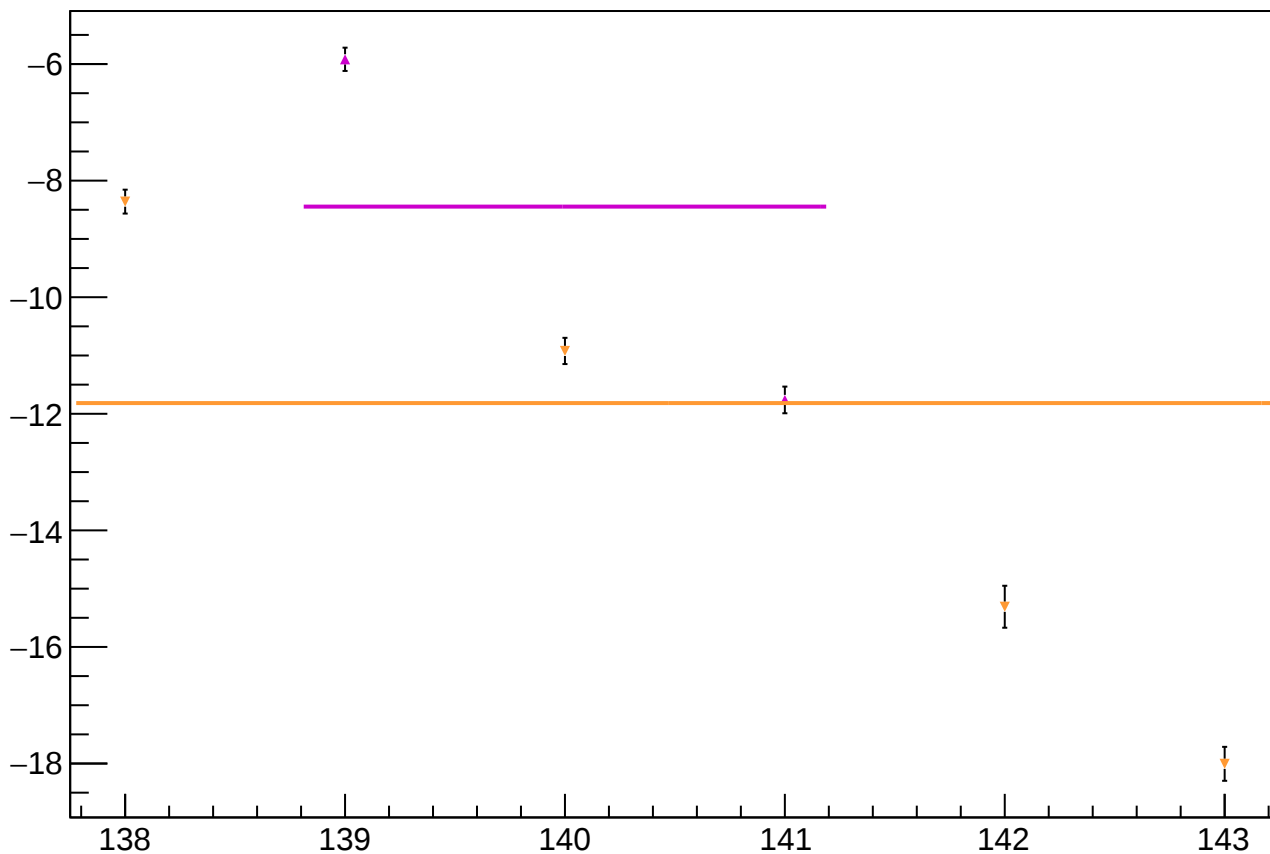
Right: 0.209+/-0.003 χ^2/NDF : 1611.2/34

In: 0.169+/-0.003 χ^2/NDF :818.3/18

Out: 0.198+/-0.003 χ^2/NDF :1225.7/21

All: 0.185+/-0.002 χ^2/NDF : 2084.2/40

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

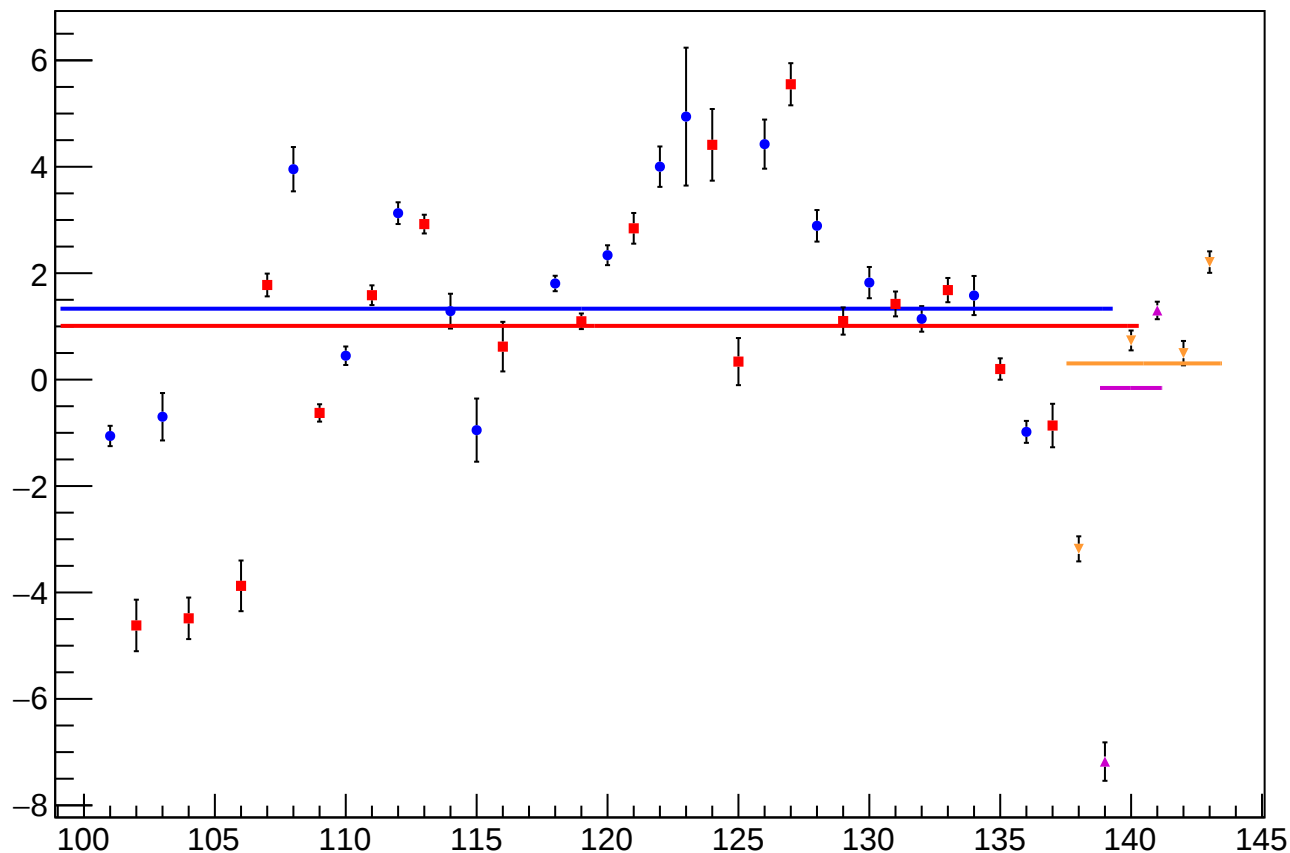
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.304 ± 0.105 χ^2/NDF : 313.9/3

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: -0.157 ± 0.150 χ^2/NDF : 456.4/1

Left: 0.152 ± 0.086 χ^2/NDF : 776.7/5

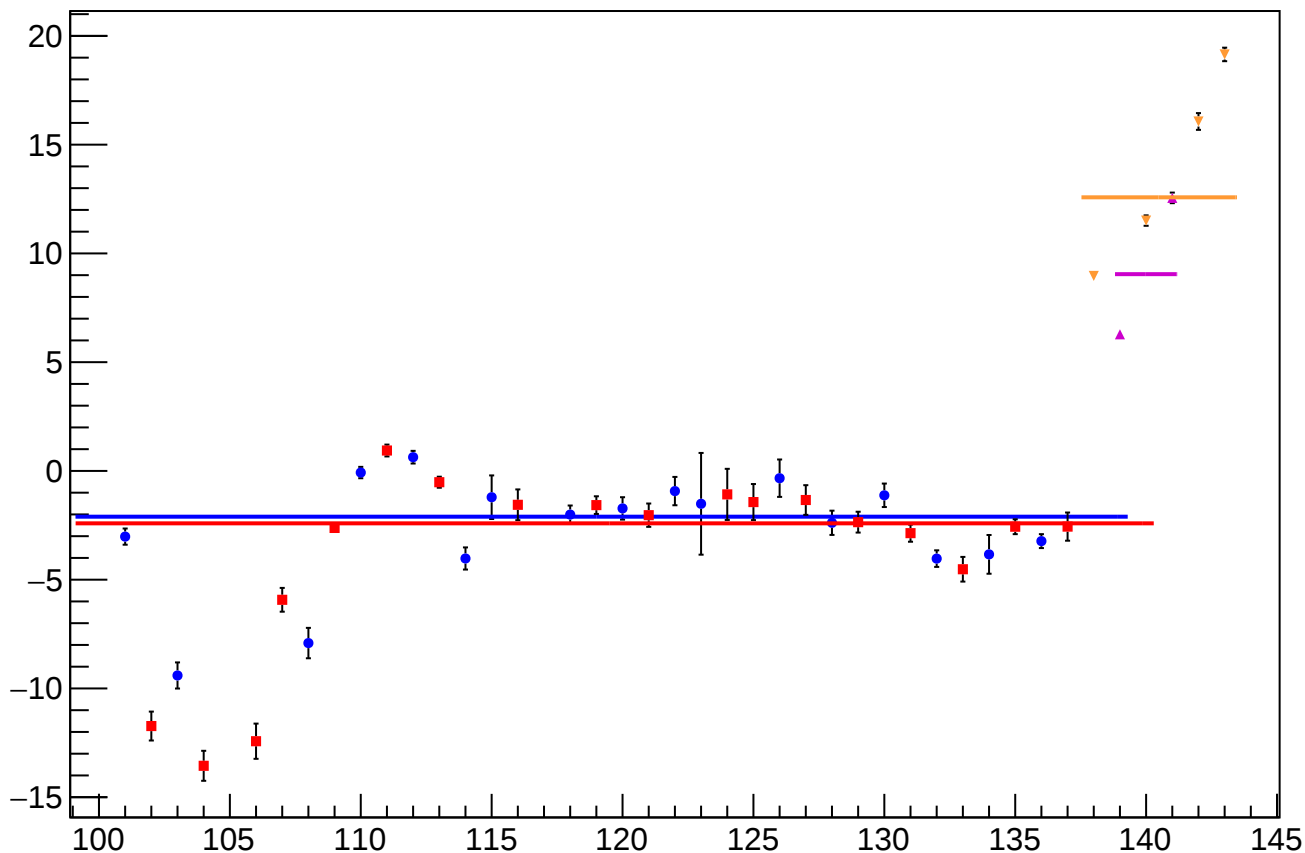
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.120 ± 0.057 χ^2/NDF : 1175.9/18

Out: 0.845 ± 0.051 χ^2/NDF : 1278.7/21

All: 0.968 ± 0.038 χ^2/NDF : 2467.5/40

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 12.579 ± 0.135 χ^2/NDF : 812.4/3

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 9.046 ± 0.161 χ^2/NDF : 371.8/1

Left: 11.123 ± 0.104 χ^2/NDF : 1465.4/5

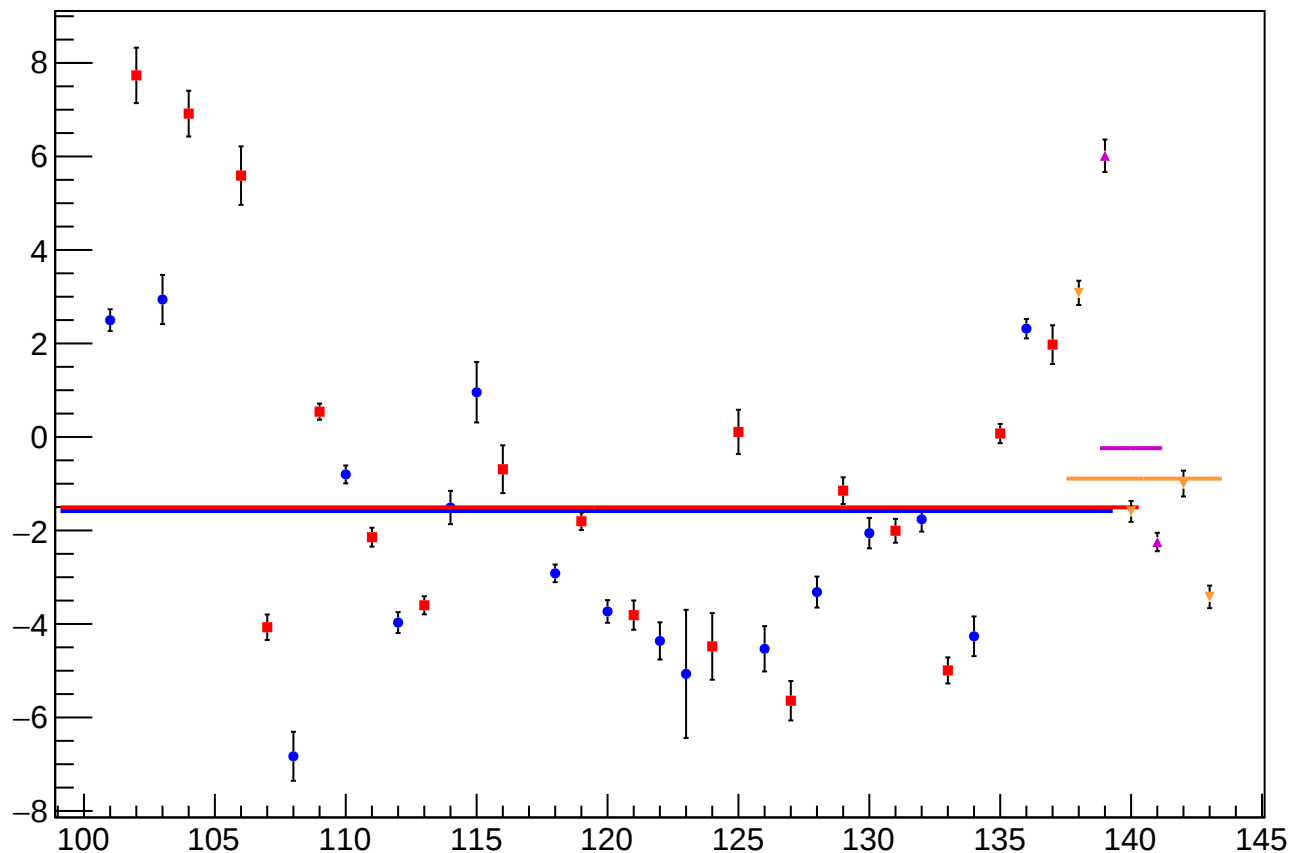
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 1.468 ± 0.091 χ^2/NDF : 4052.0/18

Out: 2.836 ± 0.080 χ^2/NDF : 9684.7/21

All: 2.243 ± 0.060 χ^2/NDF : 13863.5/40

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: -1.506 ± 0.066 $\chi^2/\text{NDF}: 1499.8/17$

Left In: -0.239 ± 0.172 $\chi^2/\text{NDF}: 426.7/1$

Left: -0.668 ± 0.100 $\chi^2/\text{NDF}: 790.0/5$

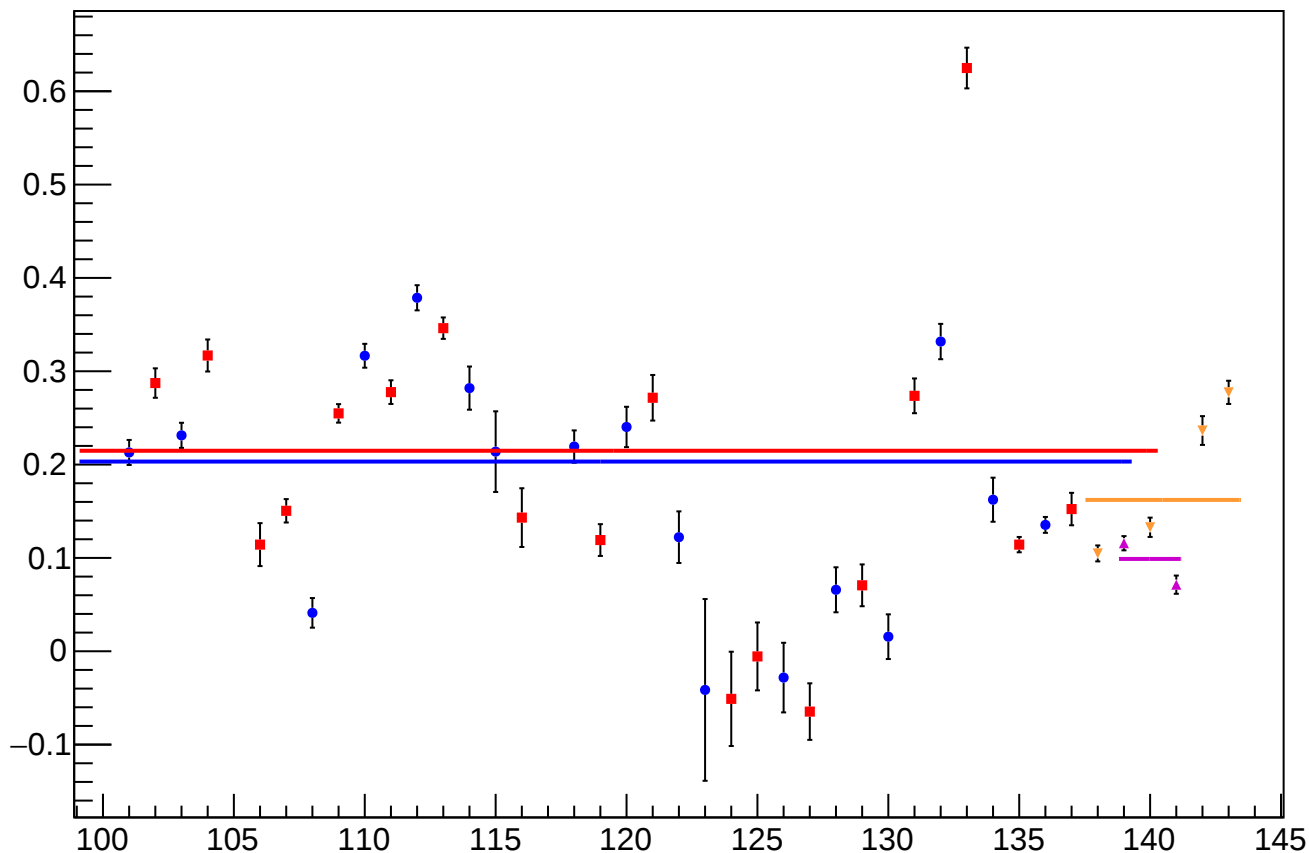
Right: -1.542 ± 0.048 $\chi^2/\text{NDF}: 2772.7/34$

In: -1.390 ± 0.065 $\chi^2/\text{NDF}: 1751.5/18$

Out: -1.371 ± 0.058 $\chi^2/\text{NDF}: 1872.7/21$

All: -1.380 ± 0.043 $\chi^2/\text{NDF}: 3624.3/40$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.162 $\pm$ 0.005 χ^2 /NDF:162.1/3

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.099 $\pm$ 0.006 χ^2 /NDF:12.8/1

Left: 0.134 $\pm$ 0.004 χ^2 /NDF: 235.7/5

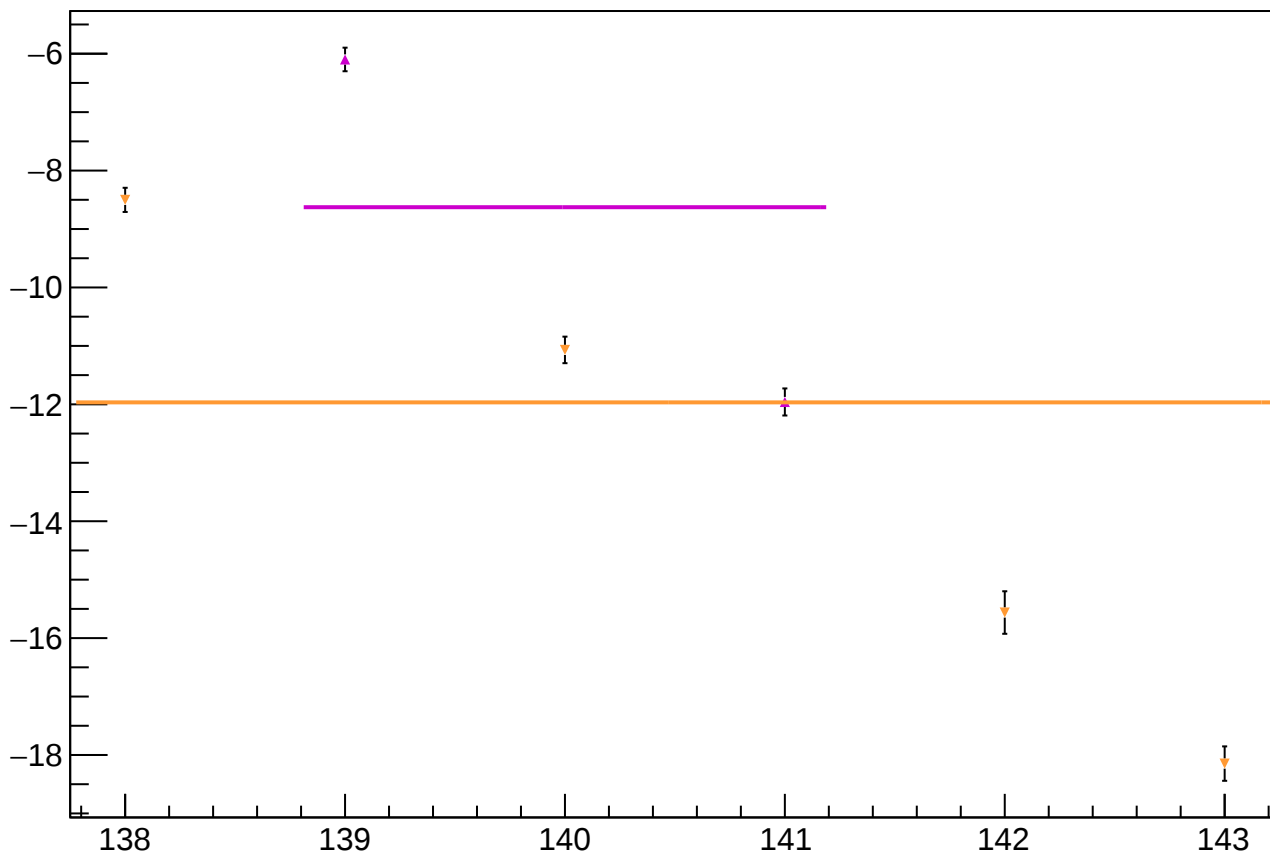
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.170 $\pm$ 0.003 χ^2 /NDF:850.1/18

Out: 0.198 $\pm$ 0.003 χ^2 /NDF:1259.1/21

All: 0.185 $\pm$ 0.002 χ^2 /NDF: 2147.7/40

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

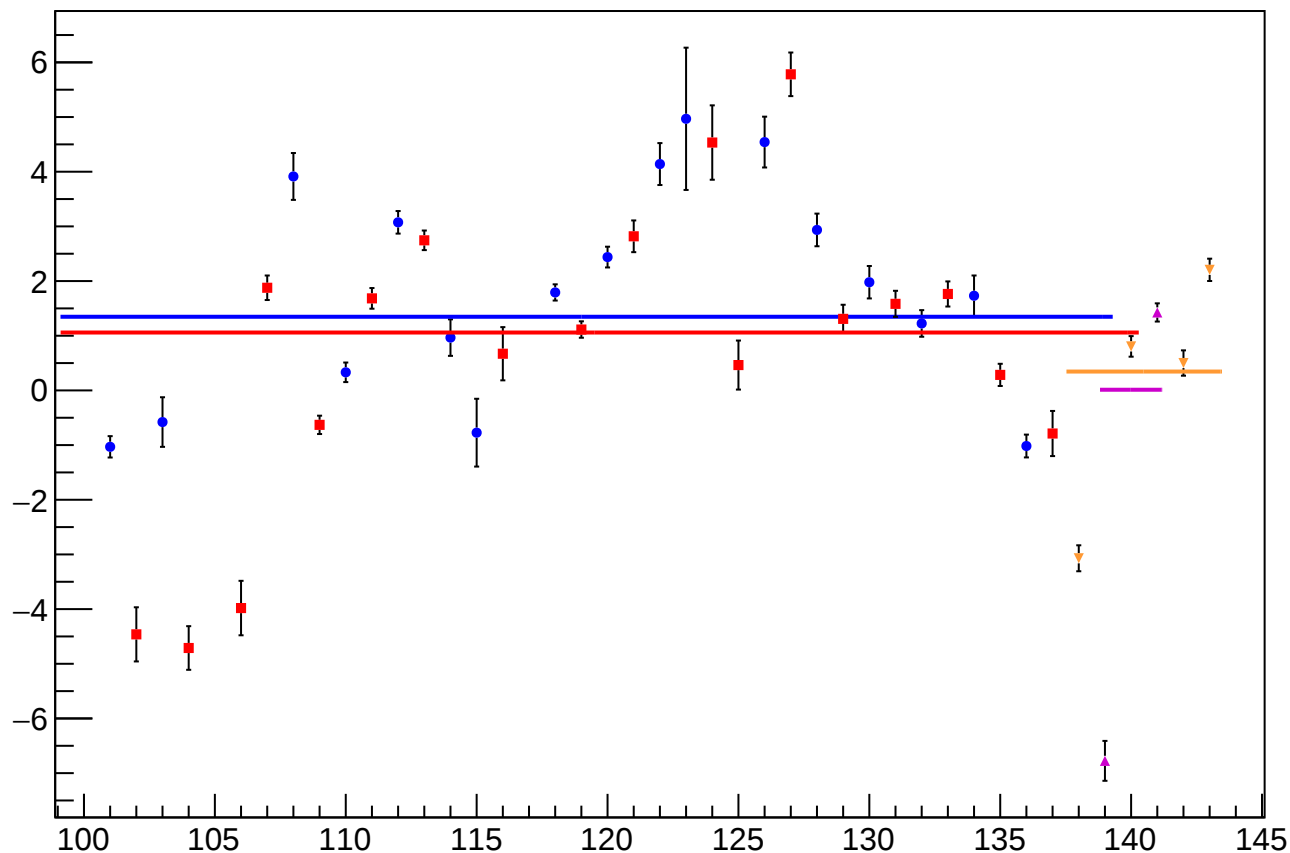
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 0.012 ± 0.151 χ^2/NDF : 418.2/1

Left: 0.235 ± 0.087 χ^2/NDF : 717.7/5

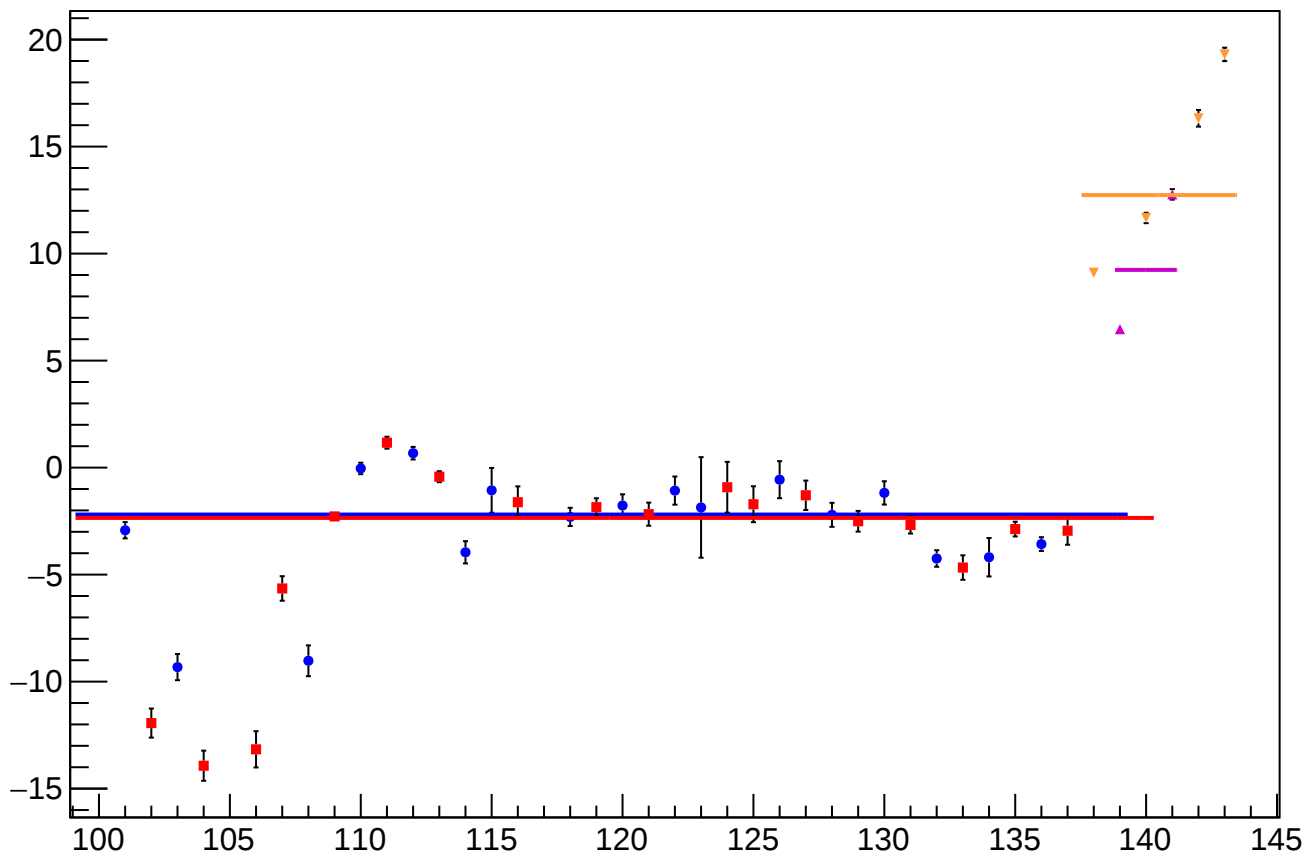
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 1.154 ± 0.058 χ^2/NDF : 1114.7/18

Out: 0.889 ± 0.052 χ^2/NDF : 1236.0/21

All: 1.008 ± 0.039 χ^2/NDF : 2362.5/40

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 12.735 ± 0.137 $\chi^2/\text{NDF}: 803.3/3$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 9.239 ± 0.163 $\chi^2/\text{NDF}: 366.4/1$

Left: 11.297 ± 0.105 $\chi^2/\text{NDF}: 1439.6/5$

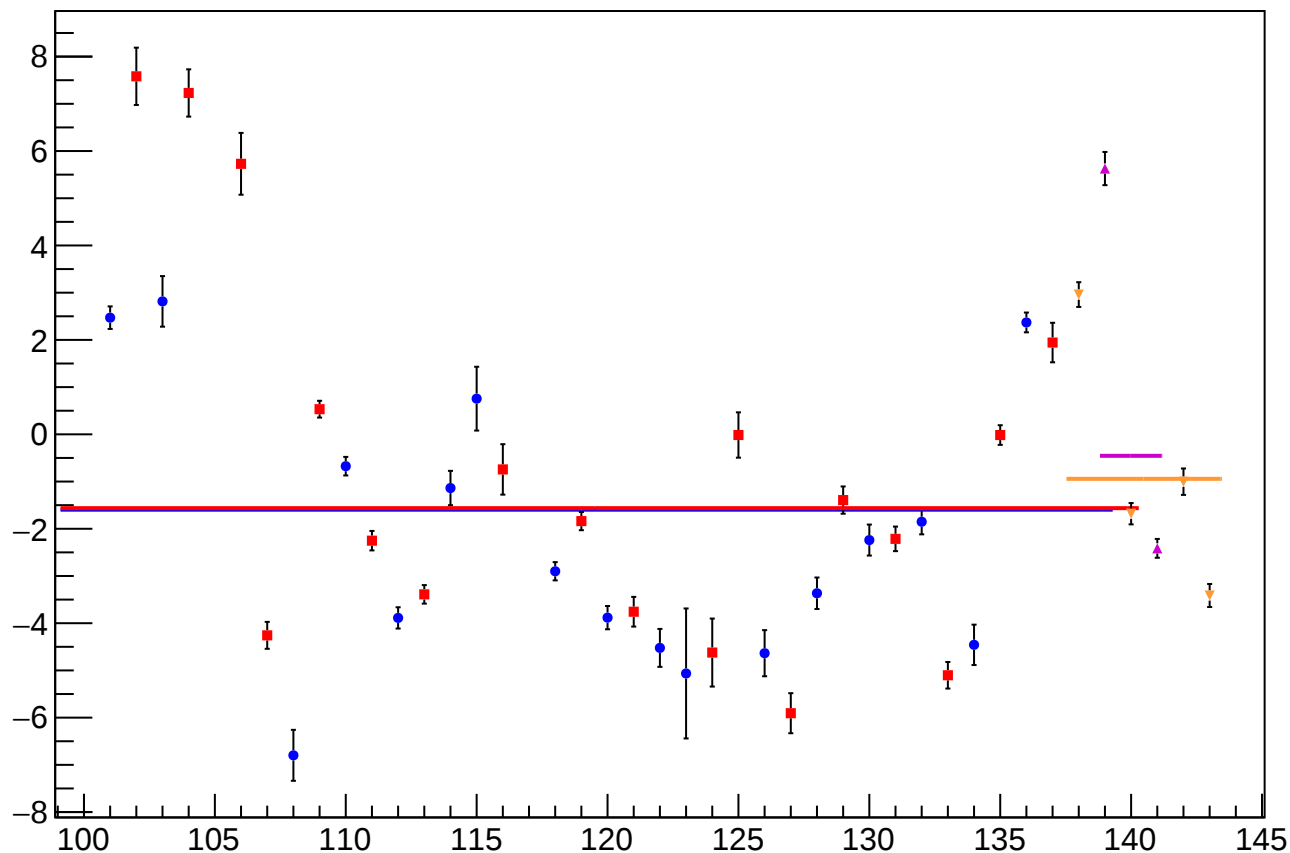
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 1.501 ± 0.093 $\chi^2/\text{NDF}: 4147.5/18$

Out: 3.009 ± 0.081 $\chi^2/\text{NDF}: 9583.4/21$

All: 2.354 ± 0.061 $\chi^2/\text{NDF}: 13880.1/40$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -0.942 ± 0.125 χ^2/NDF : 335.1/3

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -0.455 ± 0.174 χ^2/NDF : 396.0/1

Left: -0.775 ± 0.102 χ^2/NDF : 736.3/5

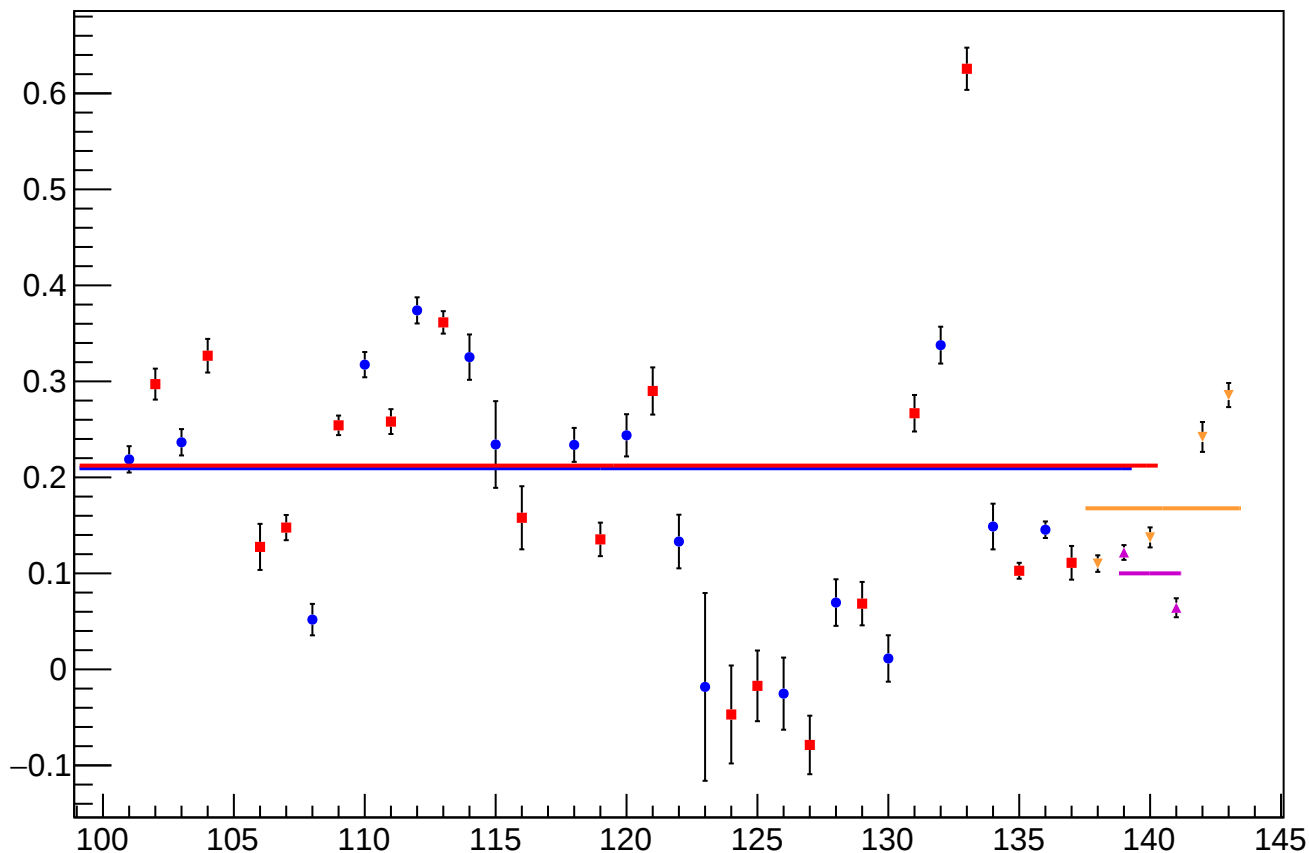
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.429 ± 0.066 χ^2/NDF : 1688.3/18

Out: -1.425 ± 0.059 χ^2/NDF : 1816.1/21

All: -1.427 ± 0.044 χ^2/NDF : 3504.5/40

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.168 $\pm$ 0.005 χ^2 /NDF:163.8/3

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

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

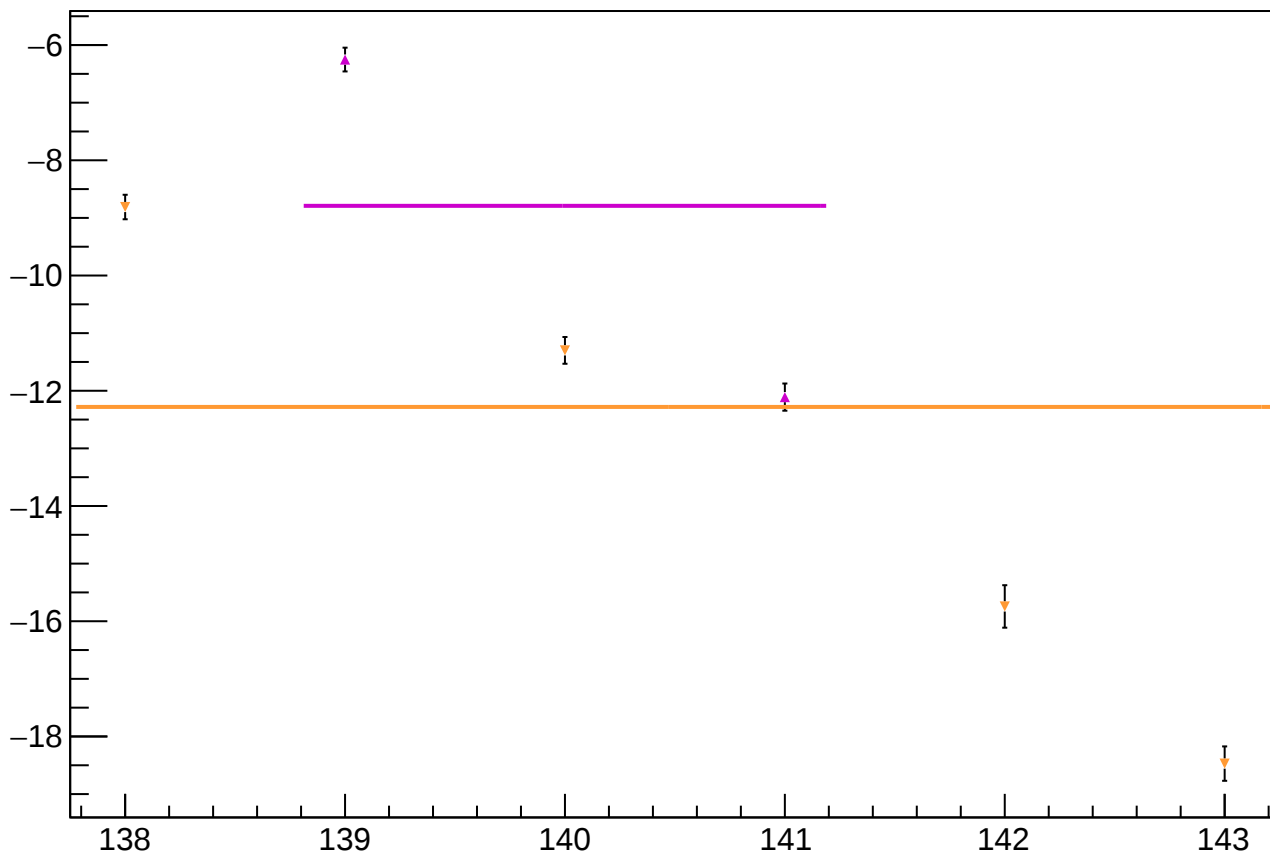
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.174 $\pm$ 0.003 χ^2 /NDF:838.3/18

Out: 0.198 $\pm$ 0.003 χ^2 /NDF:1305.2/21

All: 0.187 $\pm$ 0.002 χ^2 /NDF: 2170.0/40

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -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

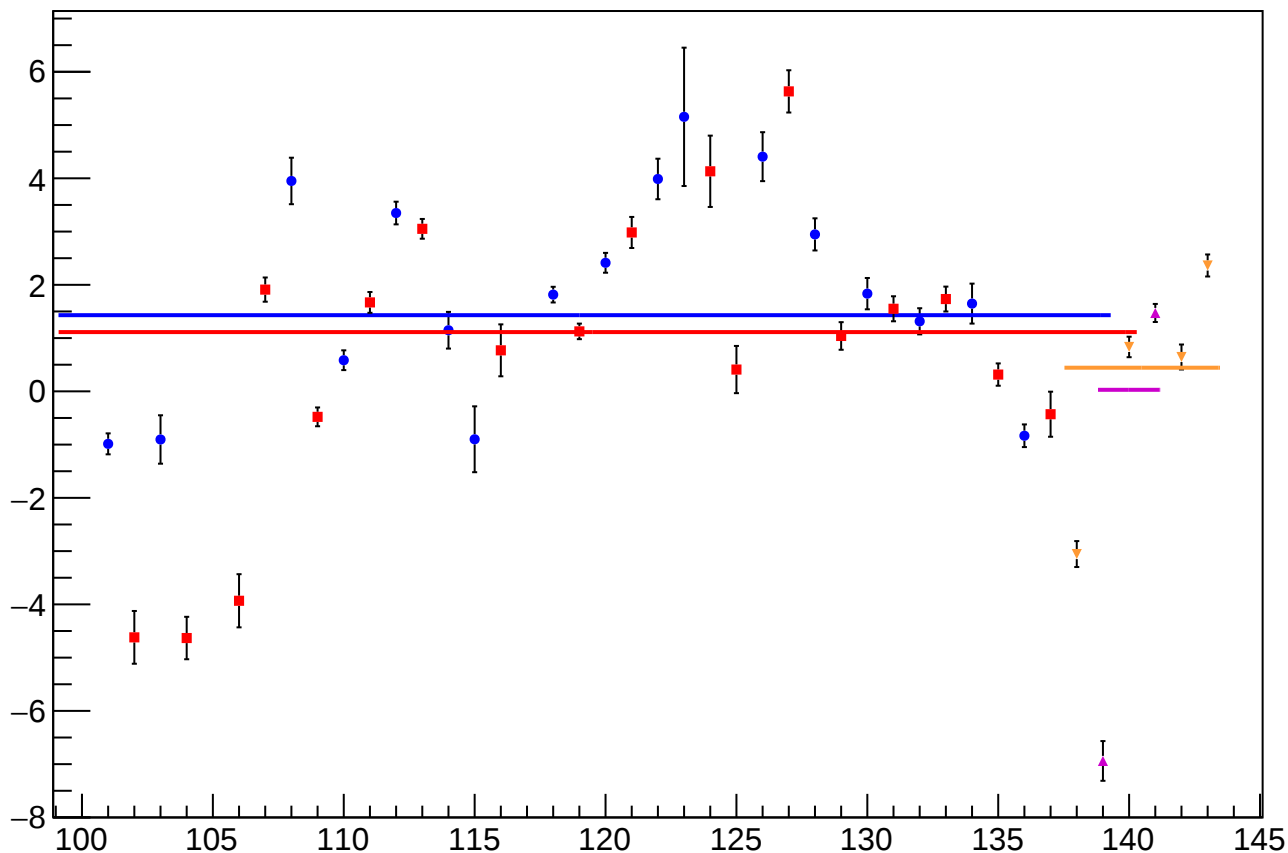
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 0.444 $\pm$ 0.108 χ^2 /NDF:297.3/3

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 0.029 $\pm$ 0.154 χ^2 /NDF:421.4/1

Left: 0.307 $\pm$ 0.089 χ^2 /NDF: 723.6/5

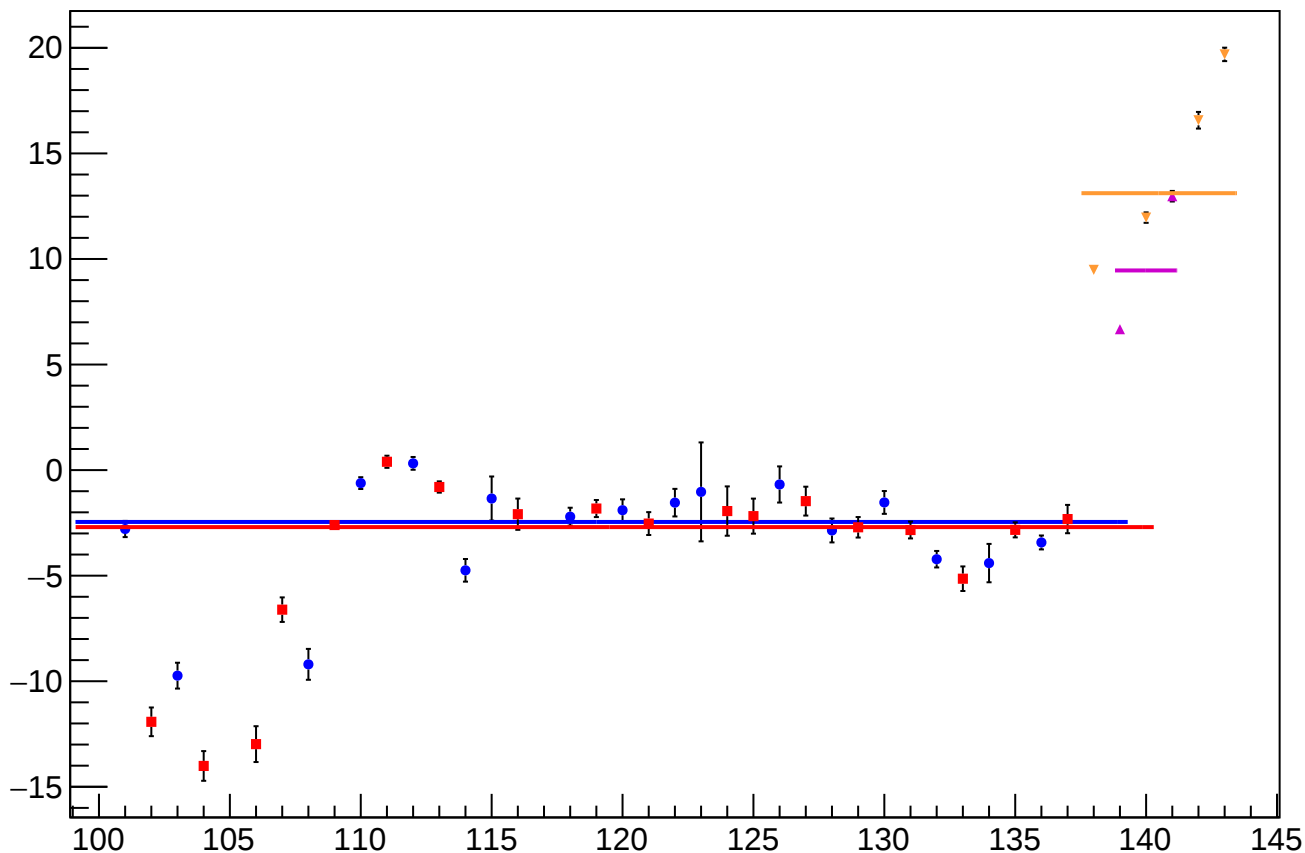
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.231 $\pm$ 0.058 χ^2 /NDF:1090.1/18

Out: 0.955 $\pm$ 0.053 χ^2 /NDF:1214.1/21

All: 1.079 $\pm$ 0.039 χ^2 /NDF: 2316.7/40

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 $\chi^2/\text{NDF}: 419.1/16$

Left Out: 13.116 ± 0.140 $\chi^2/\text{NDF}: 772.1/3$

Right Out: -2.700 ± 0.104 $\chi^2/\text{NDF}: 829.7/17$

Left In: 9.457 ± 0.167 $\chi^2/\text{NDF}: 352.0/1$

Left: 11.609 ± 0.107 $\chi^2/\text{NDF}: 1407.4/5$

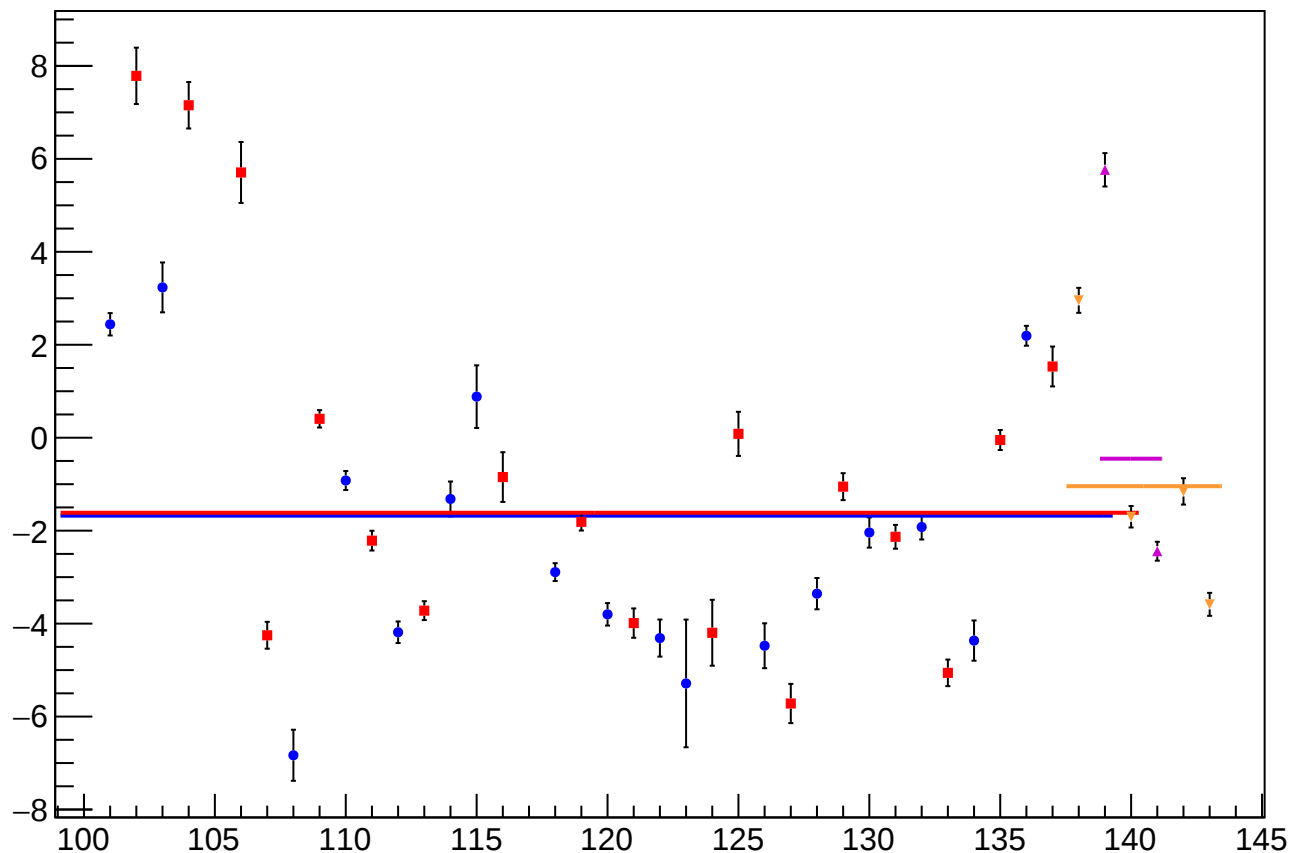
Right: -2.590 ± 0.077 $\chi^2/\text{NDF}: 1251.4/34$

In: 1.364 ± 0.094 $\chi^2/\text{NDF}: 4238.6/18$

Out: 2.919 ± 0.083 $\chi^2/\text{NDF}: 9887.1/21$

All: 2.240 ± 0.062 $\chi^2/\text{NDF}: 14278.4/40$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -1.043 ± 0.128 χ^2/NDF : 335.1/3

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -0.452 ± 0.177 χ^2/NDF : 395.1/1

Left: -0.841 ± 0.104 χ^2/NDF : 737.6/5

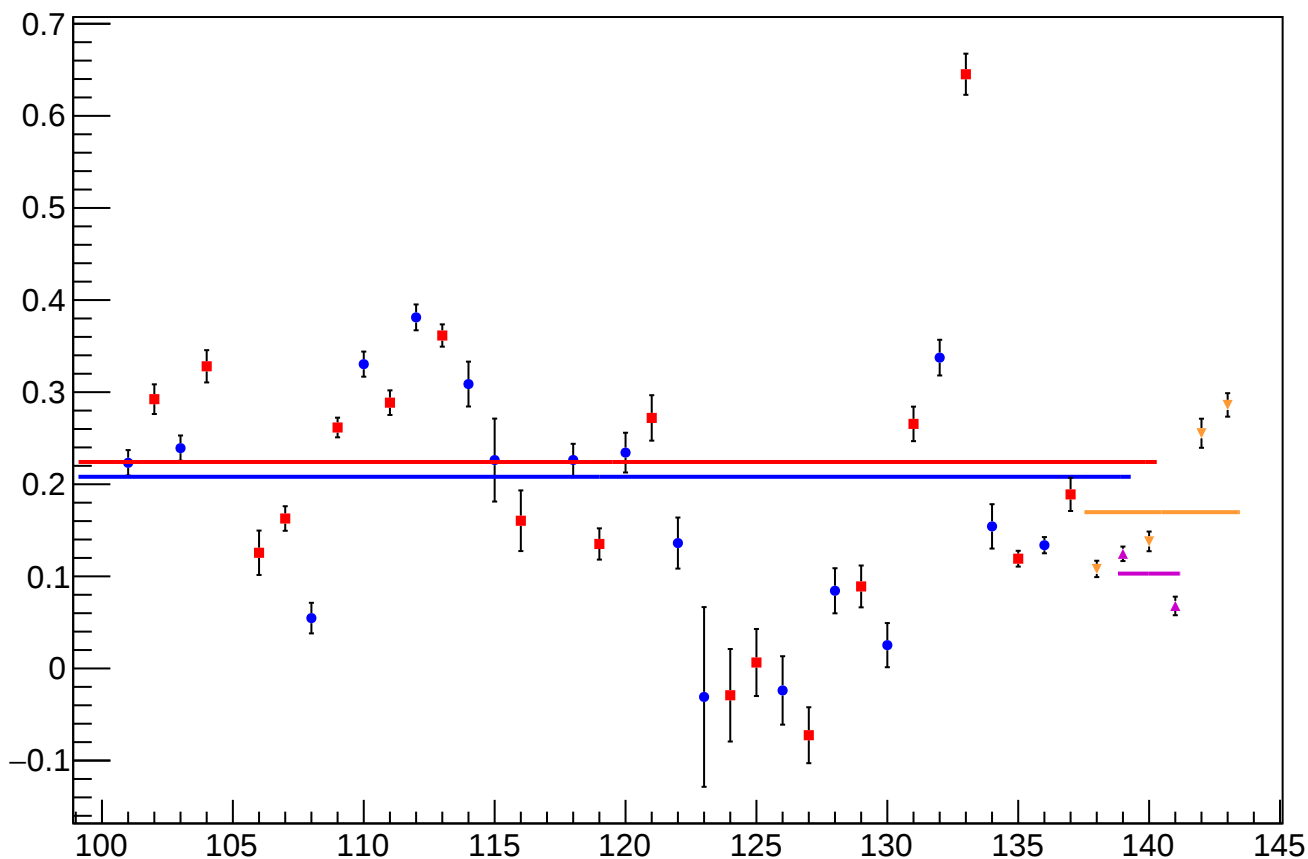
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.501 ± 0.067 χ^2/NDF : 1640.9/18

Out: -1.488 ± 0.060 χ^2/NDF : 1778.0/21

All: -1.494 ± 0.045 χ^2/NDF : 3419.0/40

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: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

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: 1603.8/34

In: 0.174 $\pm$ 0.004 χ^2 /NDF:814.7/18

Out: 0.207 $\pm$ 0.003 χ^2 /NDF:1229.5/21

All: 0.192 $\pm$ 0.002 χ^2 /NDF: 2090.9/40