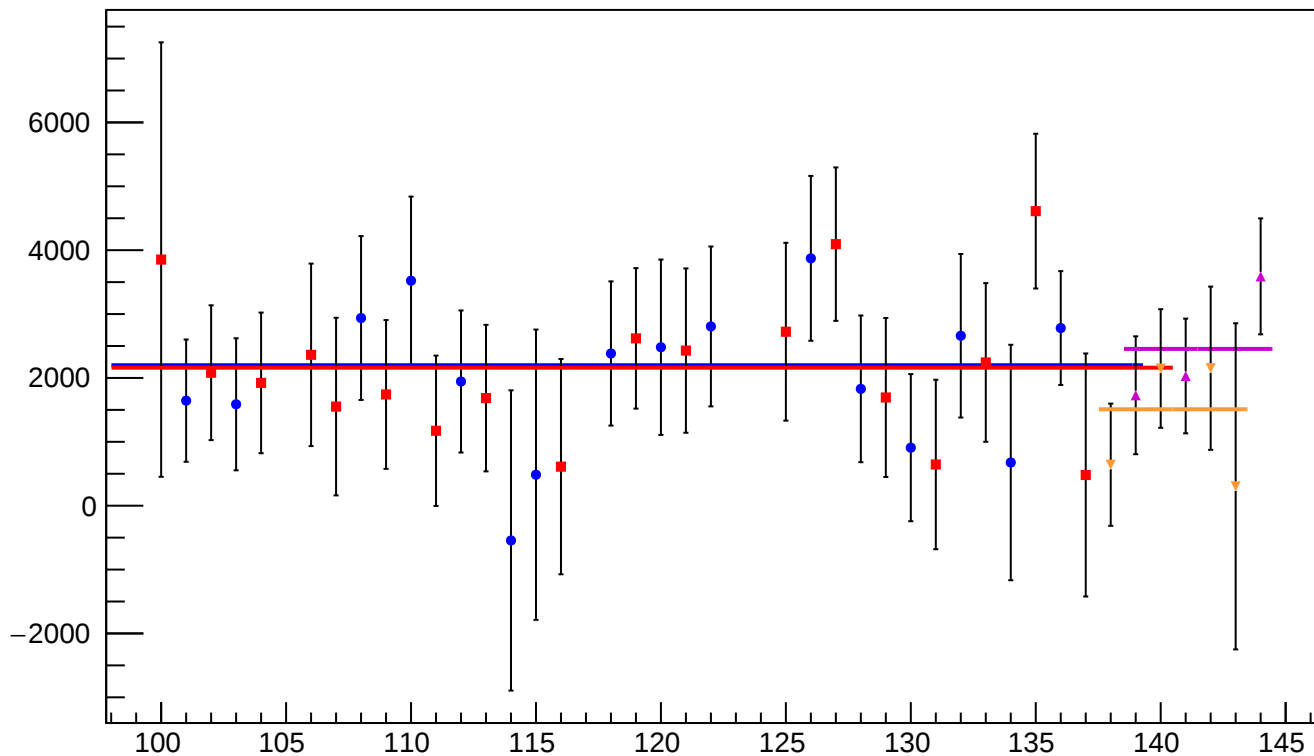


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1509.456+/-575.560

Right Out: 2160.742+/-303.587

Left In: 2454.558+/-524.947

χ^2/NDF : 8.6/15

χ^2/NDF : 1.8/3

χ^2/NDF : 11.7/17

χ^2/NDF : 2.4/2

Left: 2025.382+/-387.855

Right: 2179.612+/-215.784

In: 2263.966+/-264.858

Out: 2018.983+/-268.523

All: 2143.157+/-188.565

χ^2/NDF : 5.7/6

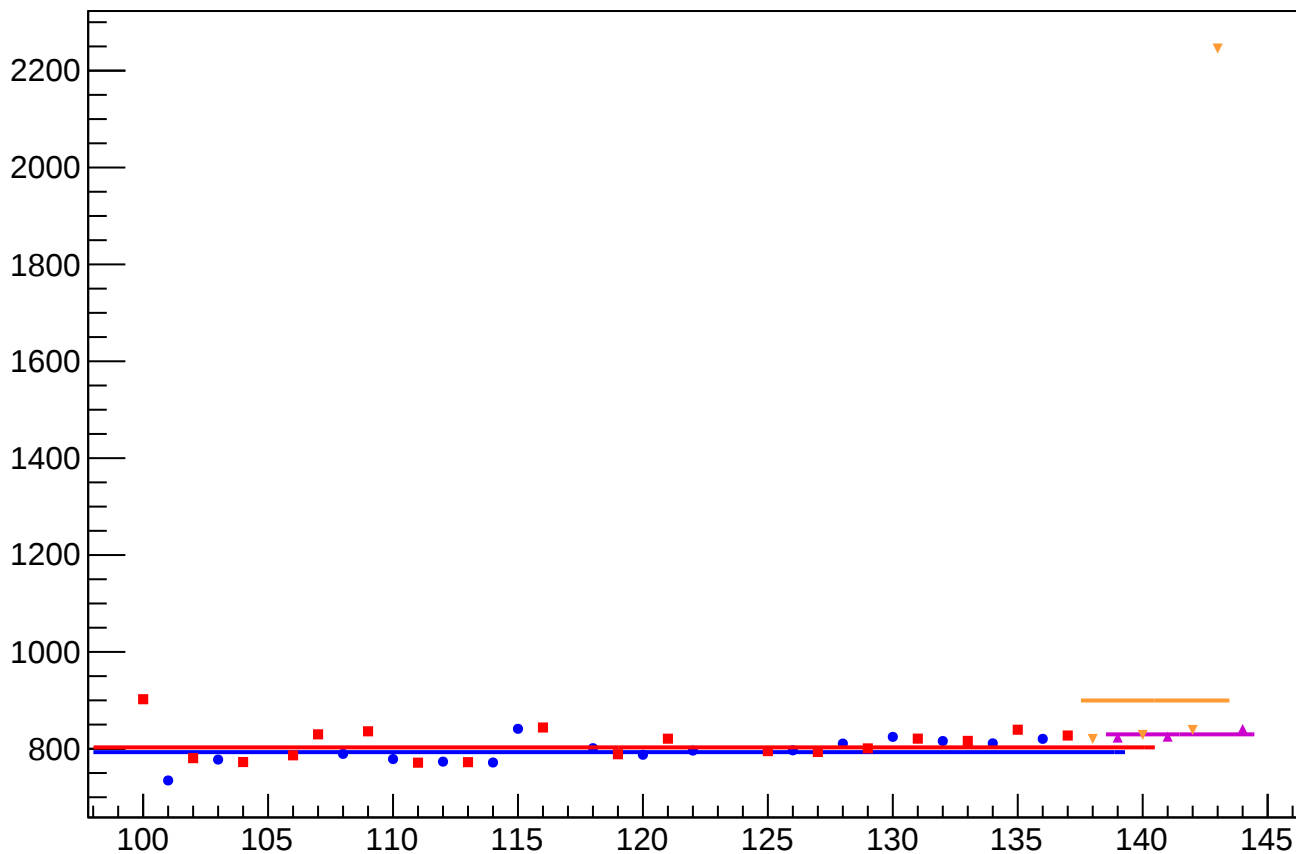
χ^2/NDF : 20.3/33

χ^2/NDF : 11.2/18

χ^2/NDF : 14.4/21

χ^2/NDF : 26.0/40

dit_asym_us_avg_rms vs Slug, Sign Corrected



Left: 861.566 ± 0.274 χ^2/NDF : 602411.9/6

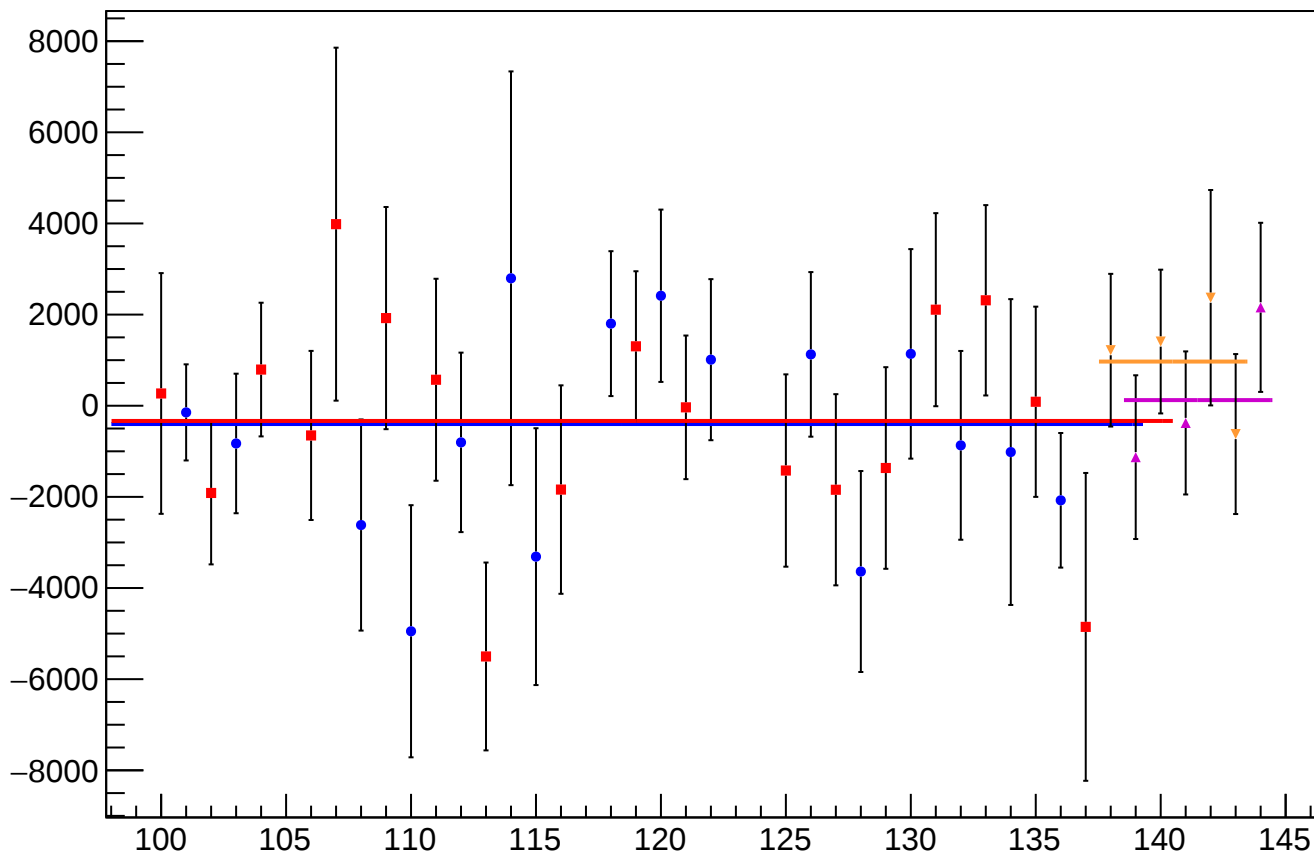
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

In: 802.439 ± 0.187 χ^2/NDF : 22455.5/18

Out: 824.014 ± 0.190 χ^2/NDF : 644536.0/21

All: 813.078 ± 0.133 χ^2/NDF : 673536.1/40

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 123.533 ± 996.991 χ^2/NDF : 1.8/2

Left: 594.078 ± 664.018 χ^2/NDF : 3.5/6

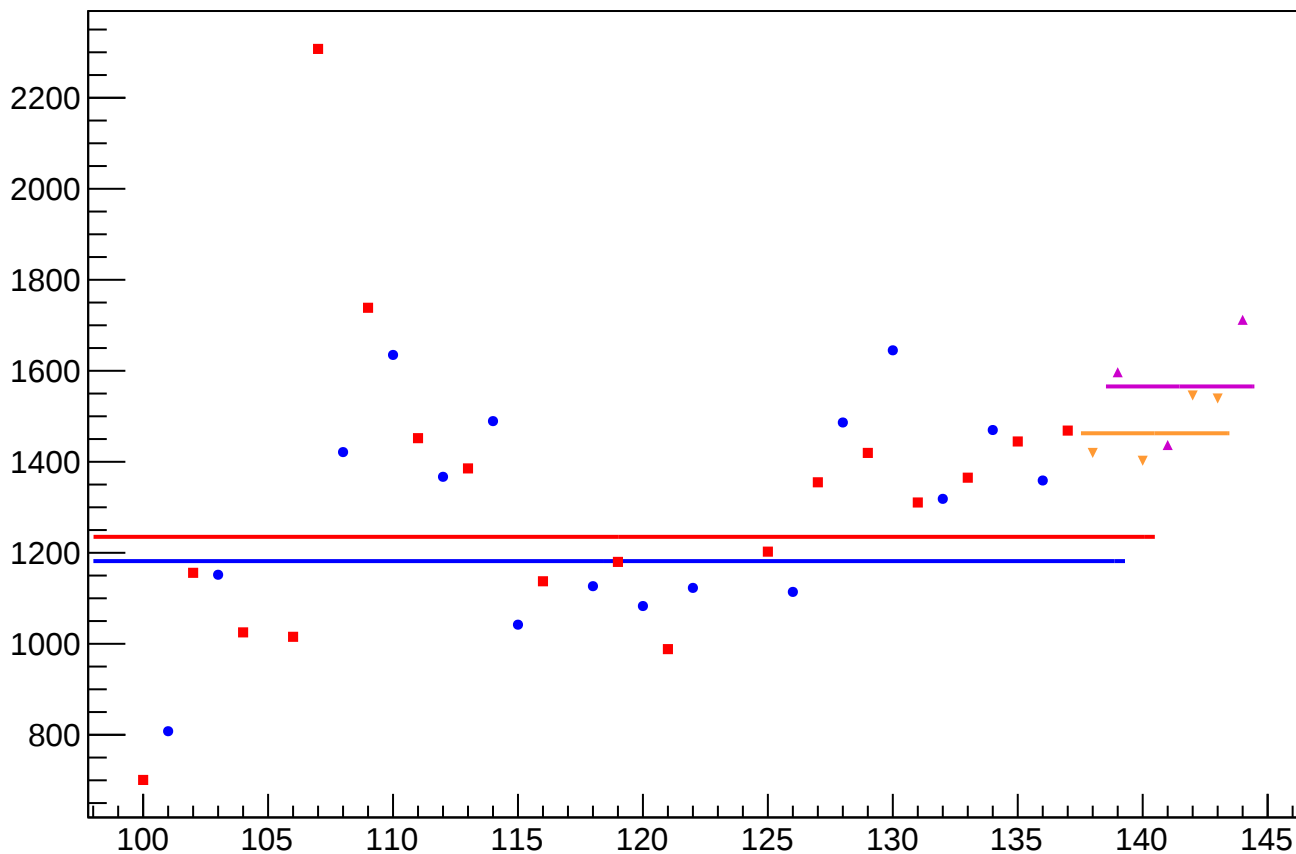
Right: -368.430 ± 334.812 χ^2/NDF : 32.3/33

In: -306.448 ± 424.143 χ^2/NDF : 16.8/18

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

All: -173.326 ± 298.959 χ^2/NDF : 37.4/40

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

Left In: 1565.601 $\pm$ 0.705 χ^2/NDF : 26507.7/2

Left: 1508.342 $\pm$ 0.470 χ^2/NDF : 48888.8/6

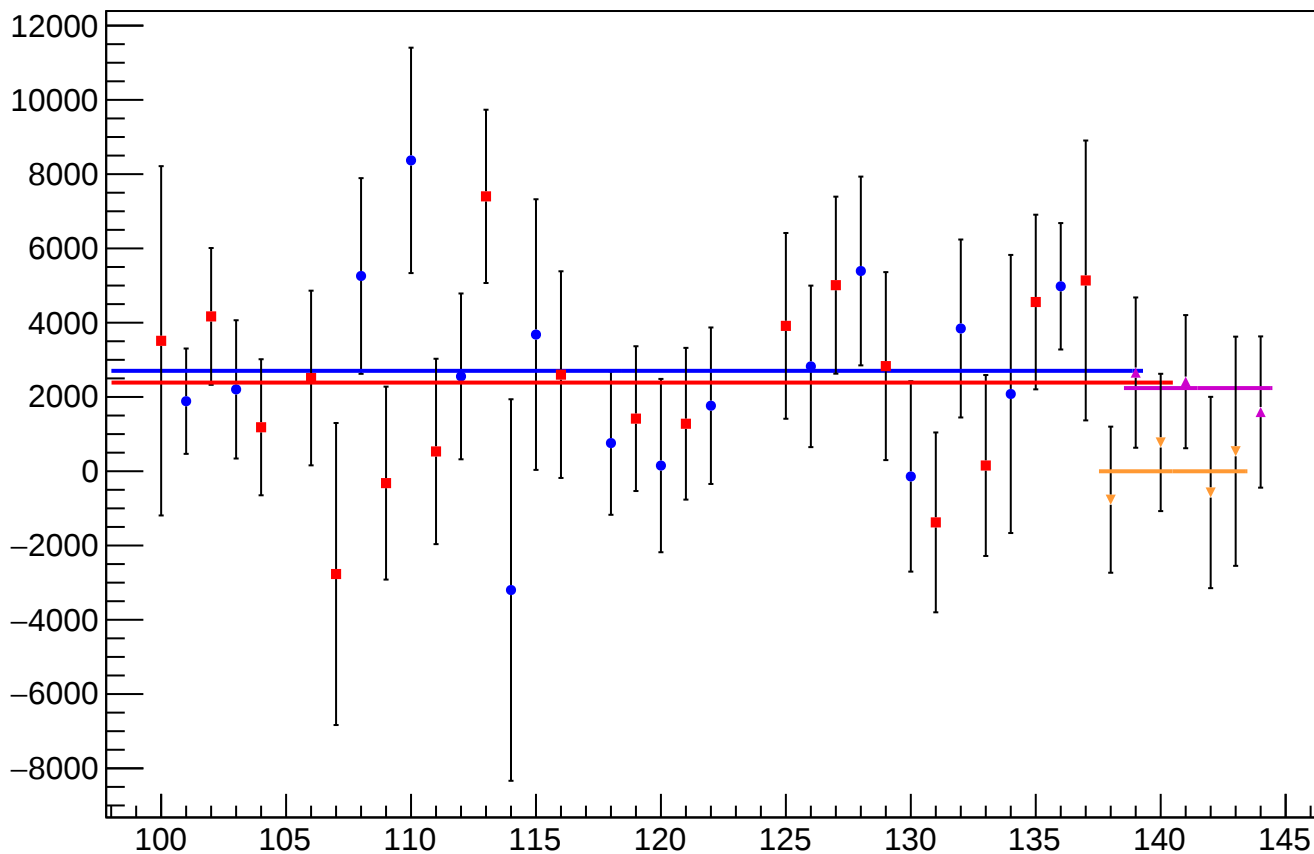
Right: 1207.878 $\pm$ 0.237 χ^2/NDF : 1096424.2/33

In: 1251.235 $\pm$ 0.300 χ^2/NDF : 812788.7/18

Out: 1286.110 $\pm$ 0.298 χ^2/NDF : 652213.9/21

All: 1268.783 $\pm$ 0.211 χ^2/NDF : 1471806.6/40

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

Left In: 2239.398 $\pm$ 1120.481 χ^2 /NDF: 0.2/2

Left: 1111.901 $\pm$ 789.760 χ^2 /NDF: 2.6/6

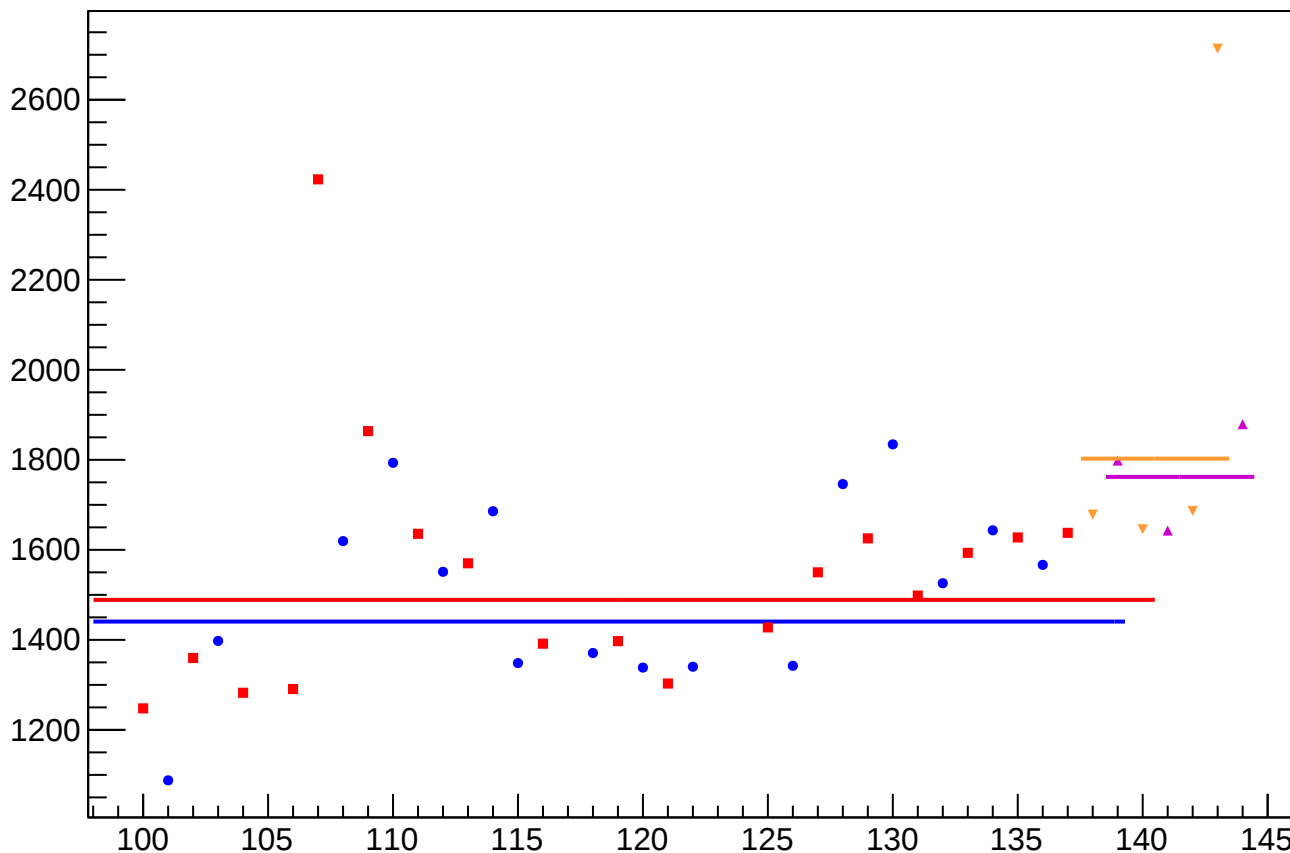
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2609.699 $\pm$ 504.139 χ^2 /NDF: 13.3/18

Out: 1892.286 $\pm$ 506.851 χ^2 /NDF: 20.2/21

All: 2252.917 $\pm$ 357.435 χ^2 /NDF: 34.5/40

asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1762.141+/-0.792 χ^2/NDF : 16092.7/2

Left: 1782.542+/-0.558 χ^2/NDF : 218165.5/6

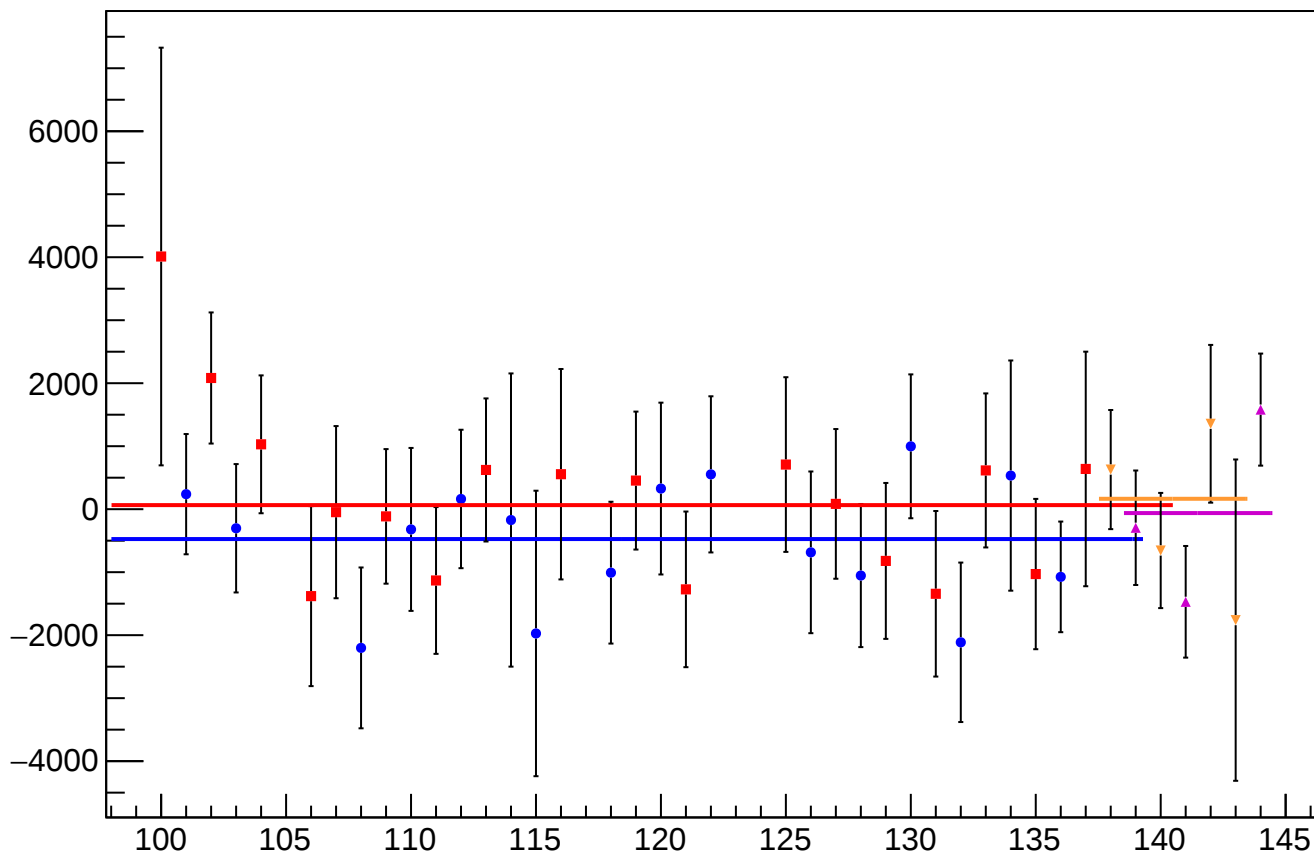
Right: 1464.596+/-0.283 χ^2/NDF : 546361.9/33

In: 1505.734+/-0.356 χ^2/NDF : 429671.0/18

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

All: 1529.722+/-0.253 χ^2/NDF : 1022281.9/40

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -61.616+/-516.513 χ^2/NDF : 6.0/2

Left: 41.128+/-381.967 χ^2/NDF : 8.6/6

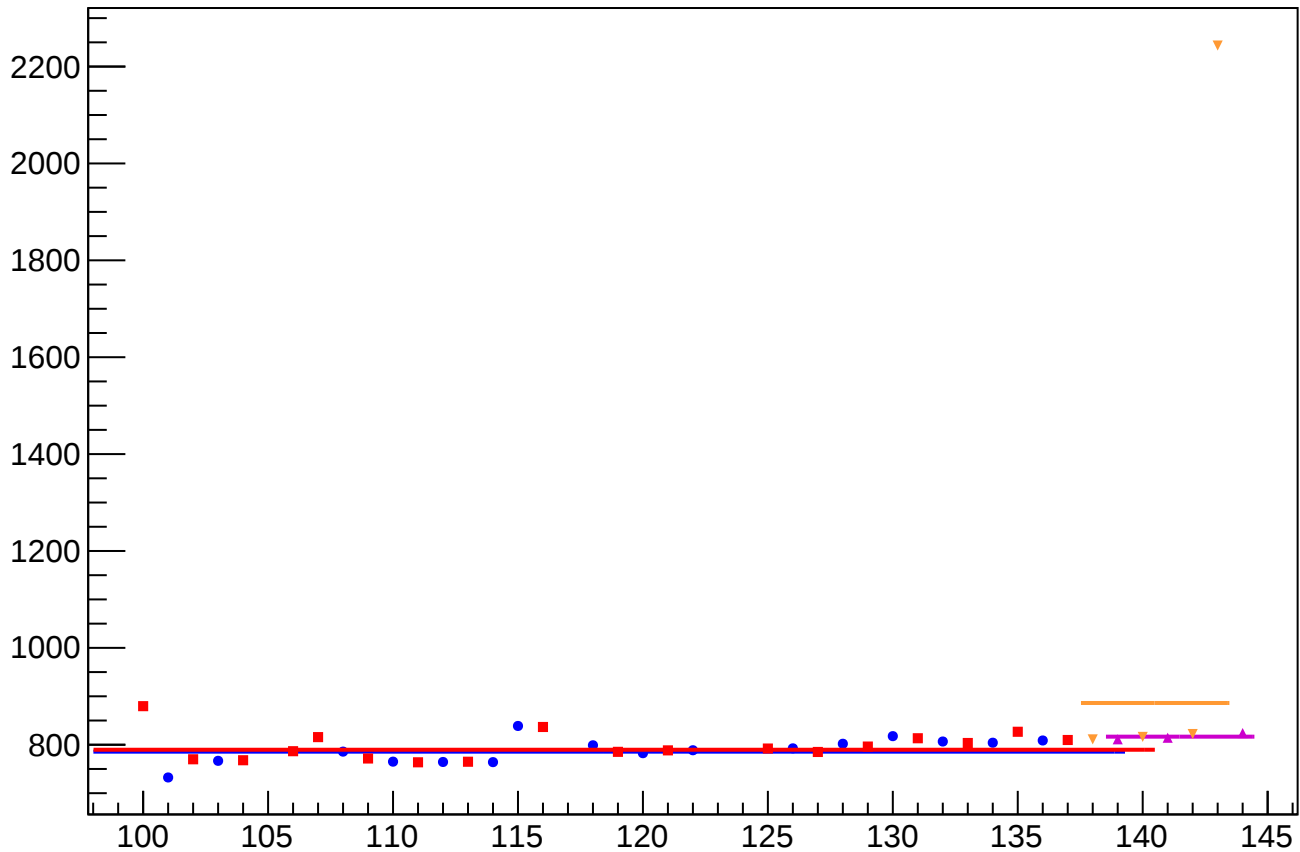
Right: -199.789+/-212.921 χ^2/NDF : 23.2/33

In: -368.047+/-261.935 χ^2/NDF : 15.4/18

Out: 86.444+/-264.104 χ^2/NDF : 15.3/21

All: -142.675+/-185.978 χ^2/NDF : 32.1/40

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746 ± 0.215 χ^2/NDF : 13921.5/15

Left Out: 886.211 ± 0.401 χ^2/NDF : 595889.9/3

Right Out: 789.675 ± 0.211 χ^2/NDF : 11010.0/17

Left In: 816.690 ± 0.365 χ^2/NDF : 225.9/2

Left: 848.192 ± 0.270 χ^2/NDF : 612533.8/6

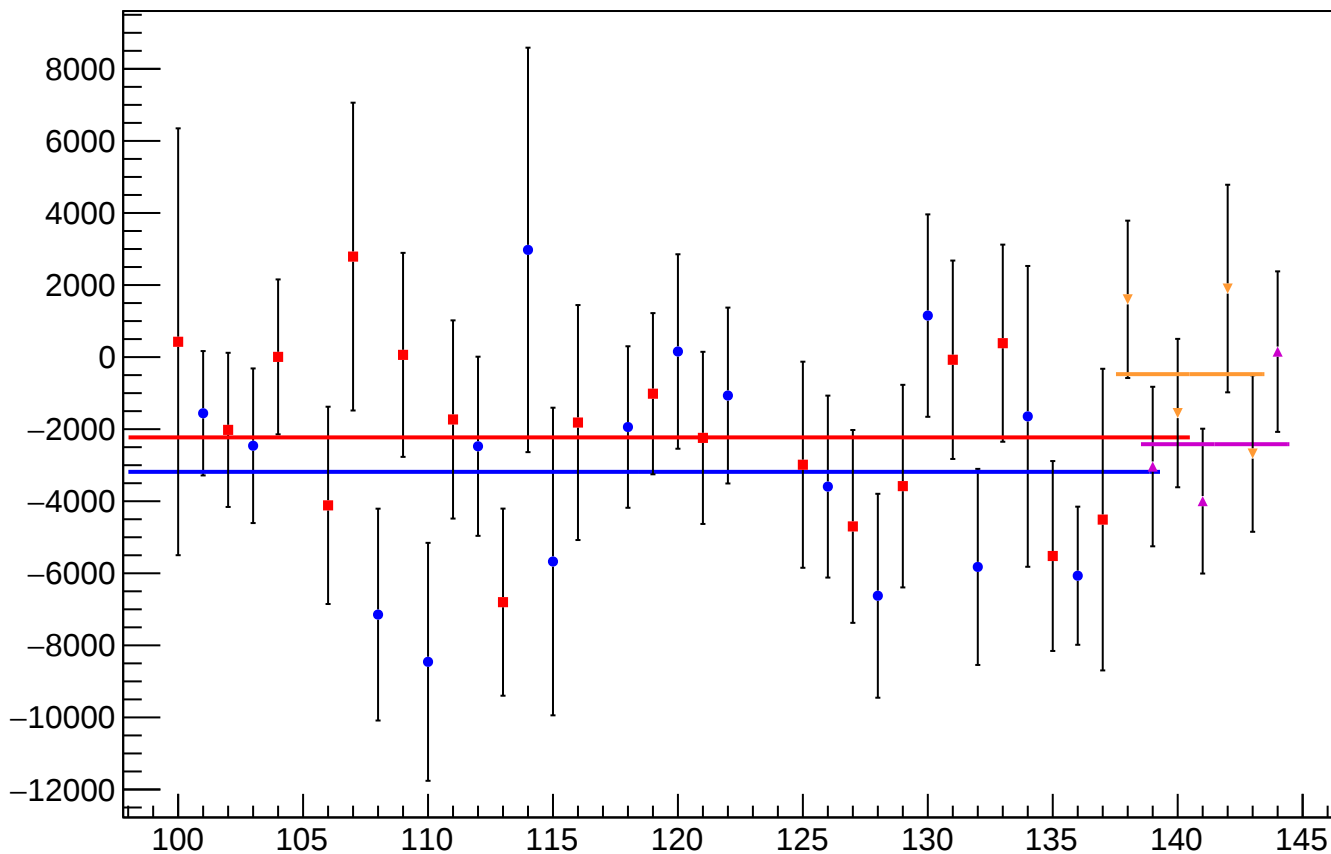
Right: 787.746 ± 0.151 χ^2/NDF : 25101.7/33

In: 793.704 ± 0.185 χ^2/NDF : 19479.7/18

Out: 810.588 ± 0.187 χ^2/NDF : 652246.4/21

All: 802.076 ± 0.132 χ^2/NDF : 675846.6/40

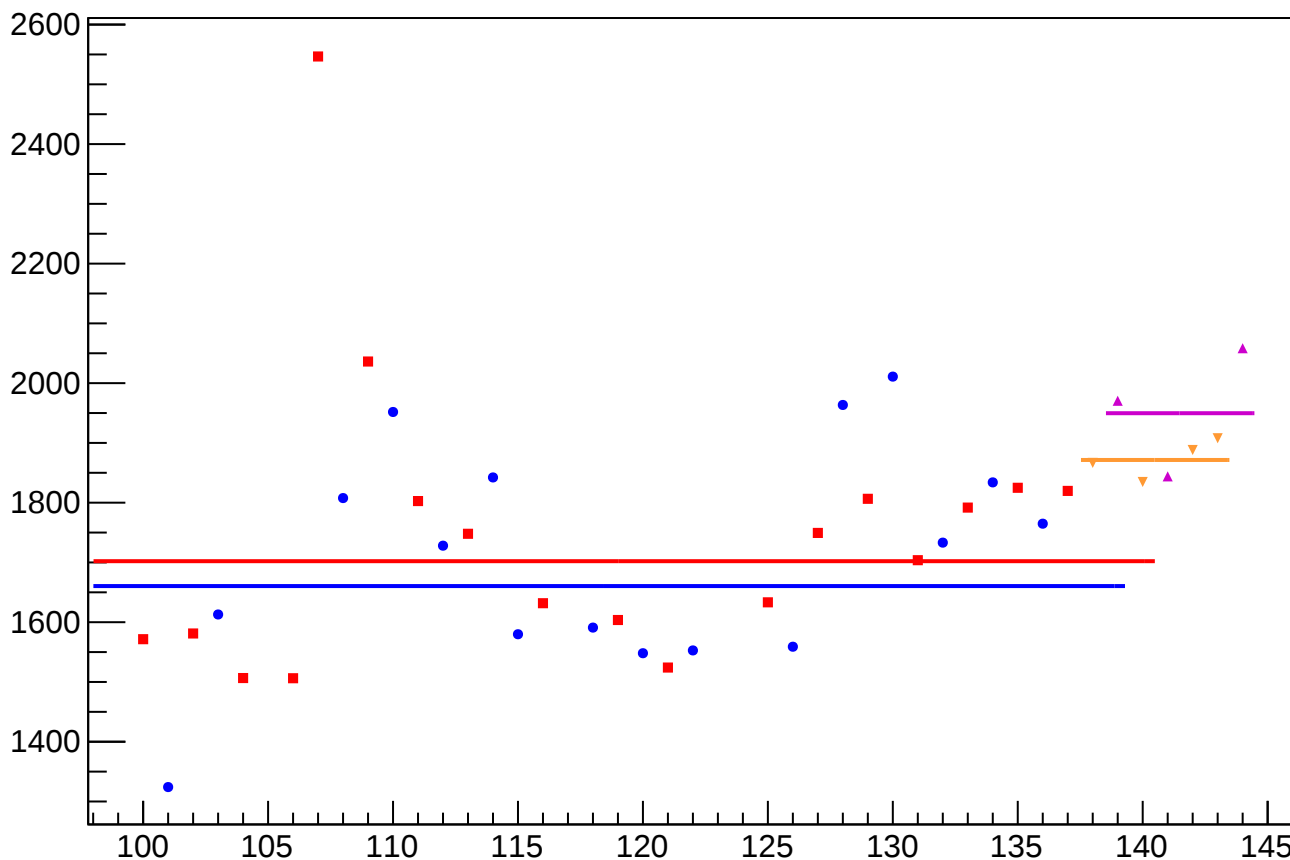
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -473.054 ± 1133.713 $\chi^2/\text{NDF}: 2.9/3$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -2417.080 ± 1237.435 $\chi^2/\text{NDF}: 2.0/2$

Left: -1360.191 ± 835.924 $\chi^2/\text{NDF}: 6.3/6$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -3019.617 ± 573.609 $\chi^2/\text{NDF}: 19.1/18$
 Out: -1795.875 ± 562.615 $\chi^2/\text{NDF}: 16.5/21$
 All: -2395.907 ± 401.660 $\chi^2/\text{NDF}: 37.9/40$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1871.463 $\pm$ 0.802 χ^2/NDF : 1277.3/3

Right Out: 1702.098 $\pm$ 0.458 χ^2/NDF : 172008.4/17

Left In: 1949.704 $\pm$ 0.875 χ^2/NDF : 10471.3/2

Left: 1907.168 $\pm$ 0.591 χ^2/NDF : 16095.5/6

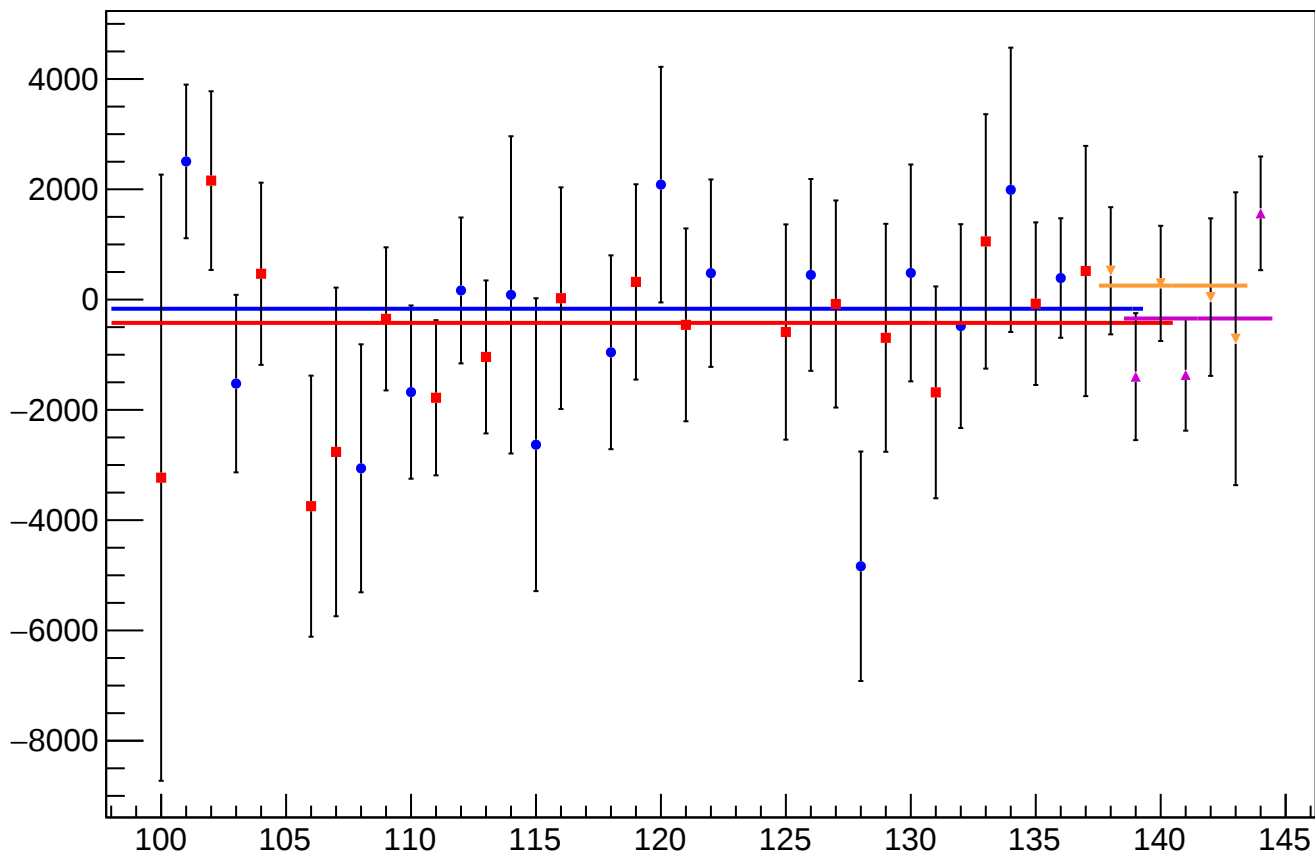
Right: 1681.258 $\pm$ 0.324 χ^2/NDF : 355346.8/33

In: 1722.613 $\pm$ 0.406 χ^2/NDF : 275469.5/18

Out: 1743.808 $\pm$ 0.398 χ^2/NDF : 206928.0/21

All: 1733.416 $\pm$ 0.284 χ^2/NDF : 483789.4/40

asym_us_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -342.649 ± 611.854 $\chi^2/\text{NDF}: 5.3/2$

Left: -66.798 ± 448.492 $\chi^2/\text{NDF}: 5.9/6$

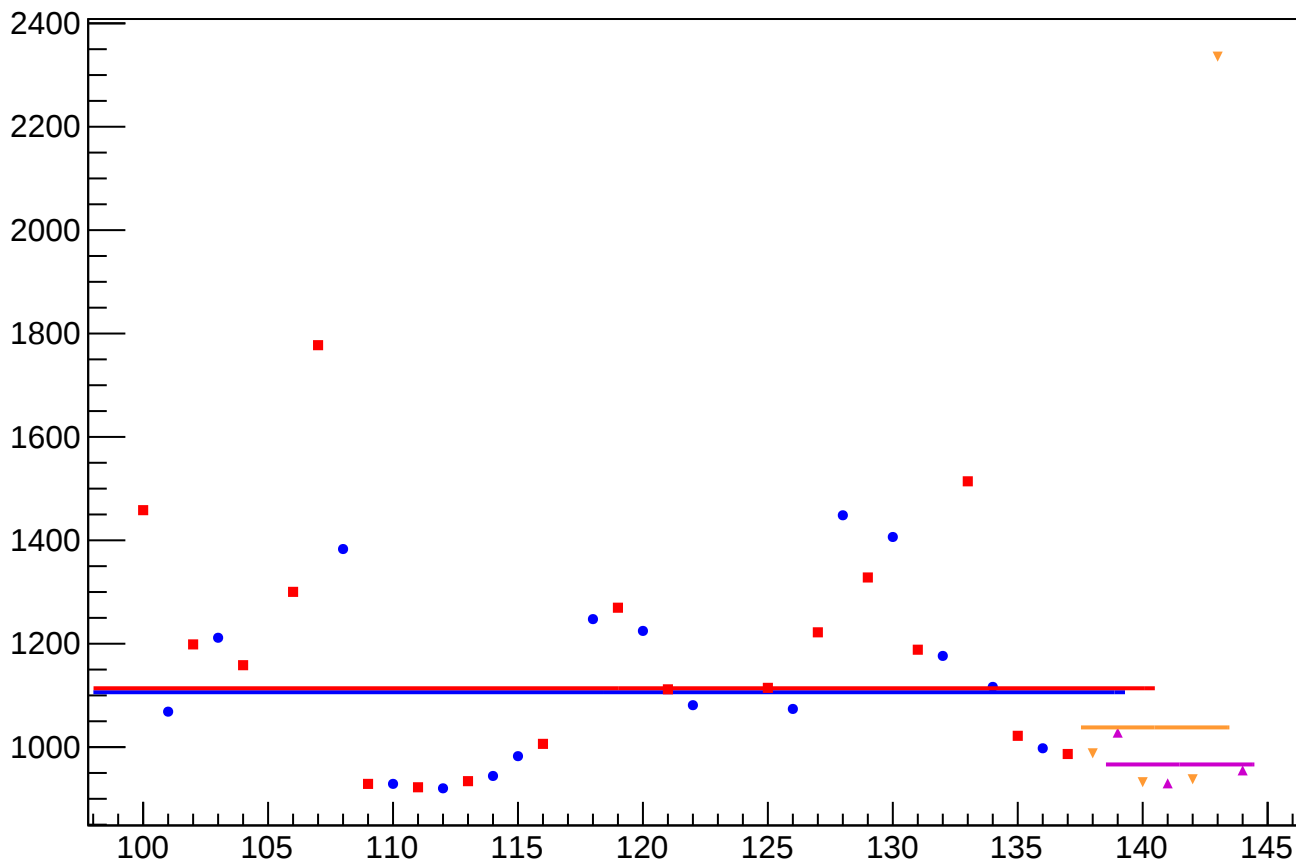
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -225.128 ± 353.272 $\chi^2/\text{NDF}: 21.0/18$

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

All: -223.801 ± 251.661 $\chi^2/\text{NDF}: 30.1/40$

asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 966.451+/-0.433 χ^2/NDF : 8565.5/2

Left: 999.604+/-0.317 χ^2/NDF : 533016.4/6

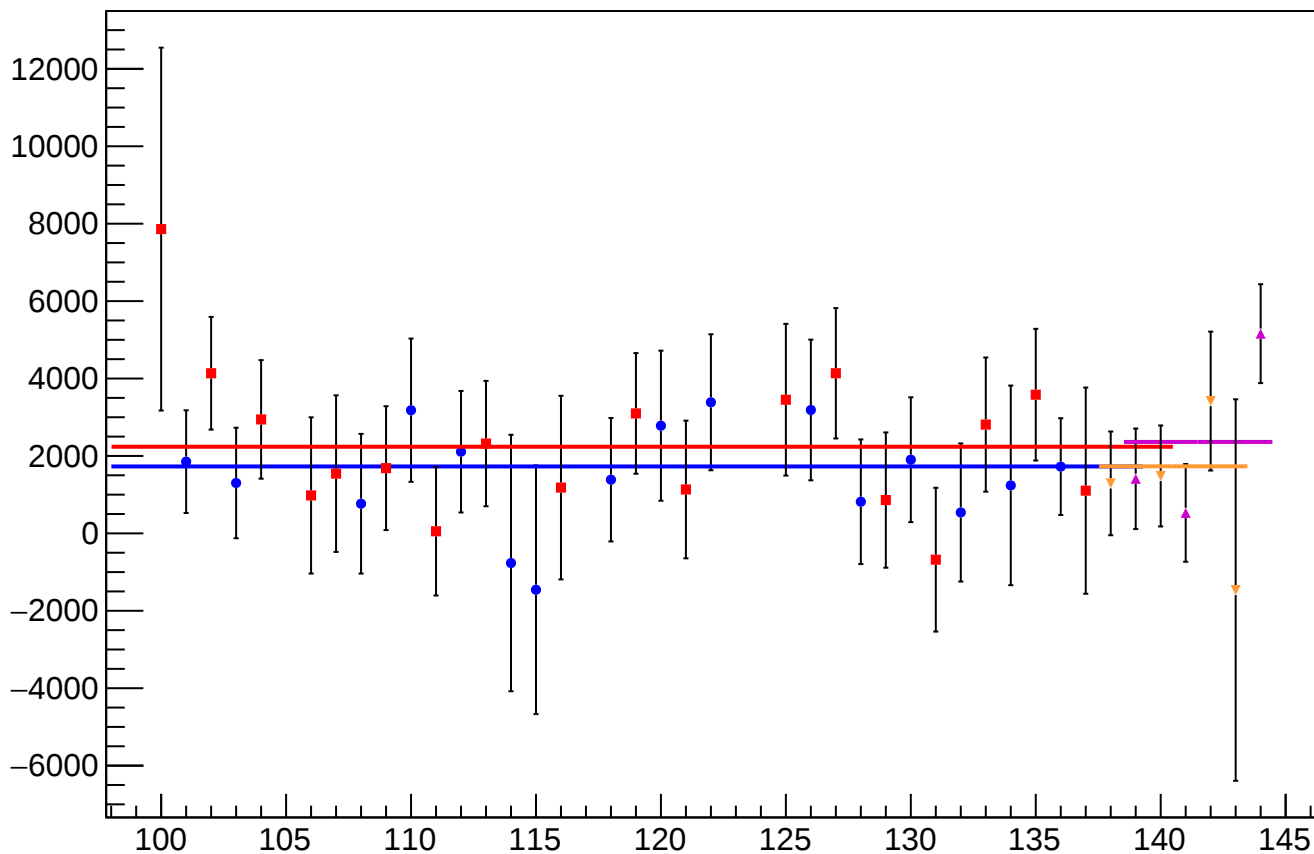
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1059.585+/-0.250 χ^2/NDF : 337996.0/18

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

All: 1075.266+/-0.178 χ^2/NDF : 1240625.7/40

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

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

Left In: 2362.072+/-738.596 χ^2/NDF : 7.4/2

Left: 2078.834+/-548.019 χ^2/NDF : 9.2/6

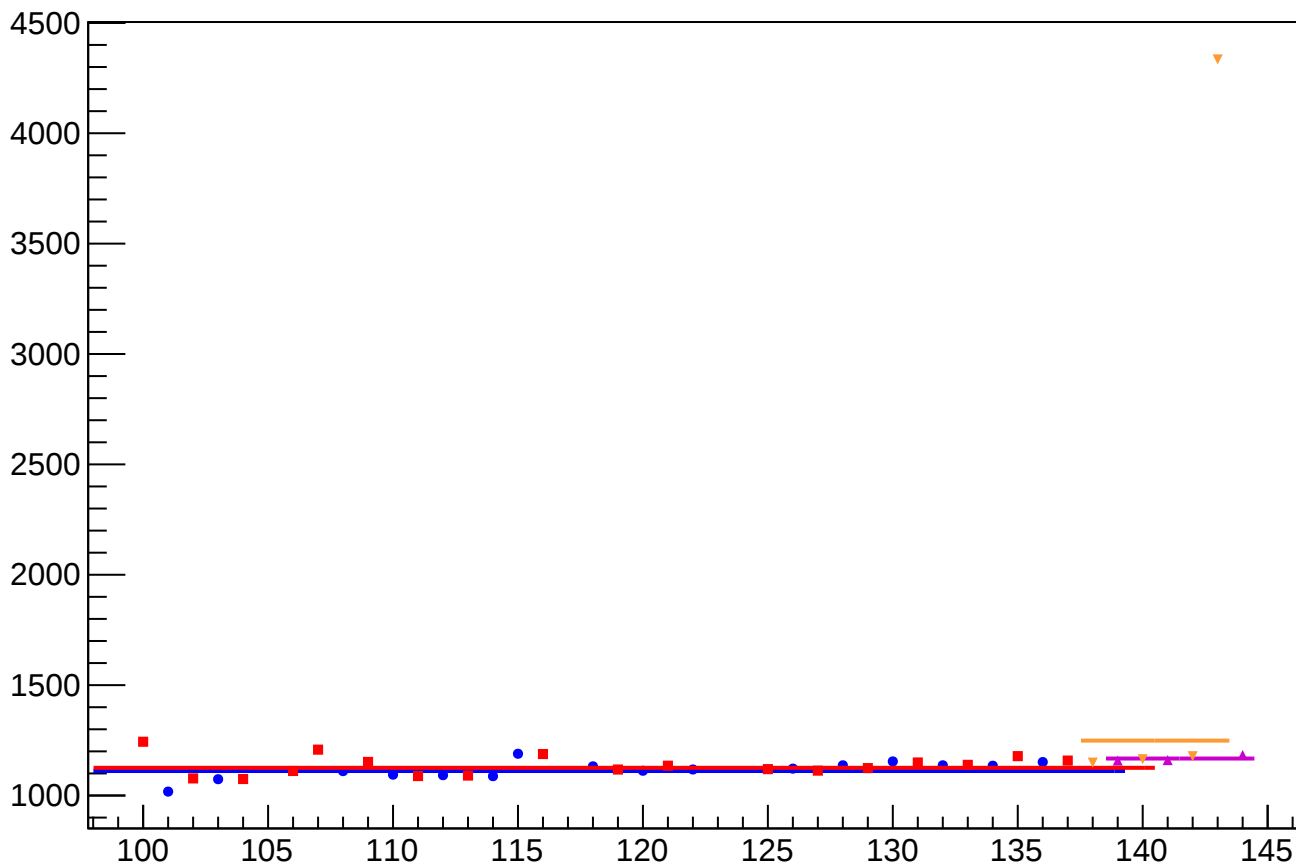
Right: 1985.660+/-302.369 χ^2/NDF : 18.3/33

In: 1888.746+/-371.483 χ^2/NDF : 13.3/18

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

All: 2007.405+/-264.744 χ^2/NDF : 27.5/40

dit_asym_usl_rms vs Slug, Sign Corrected



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

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

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

Left In: 1167.553 $\pm$ 0.522 χ^2 /NDF: 477.4/2

Left: 1204.014 $\pm$ 0.388 χ^2 /NDF: 818059.8/6

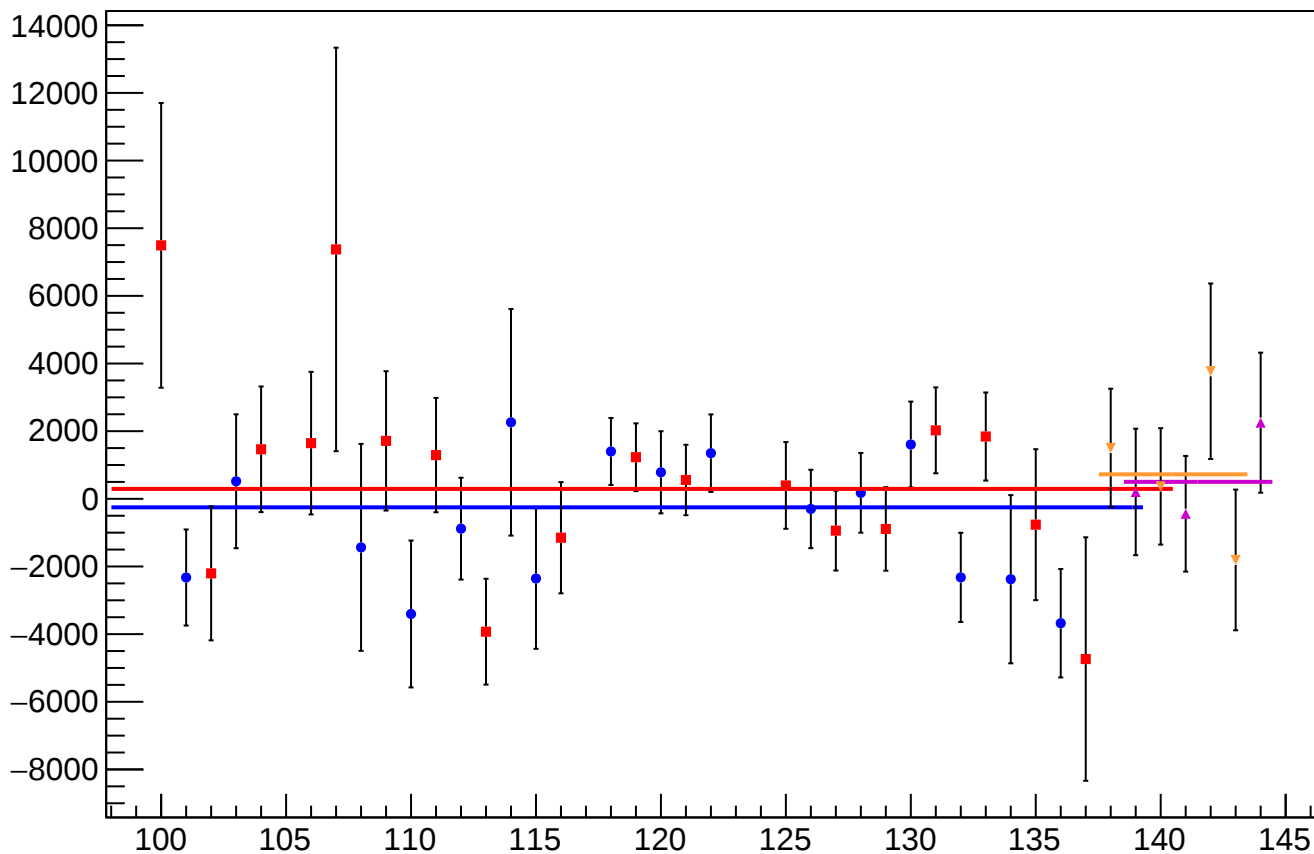
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1125.338 $\pm$ 0.263 χ^2 /NDF: 27314.5/18

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

All: 1138.336 $\pm$ 0.187 χ^2 /NDF: 890644.8/40

asym_usl_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 501.808+/-1077.223 χ^2/NDF : 1.0/2

Left: 623.811+/-724.591 χ^2/NDF : 4.2/6

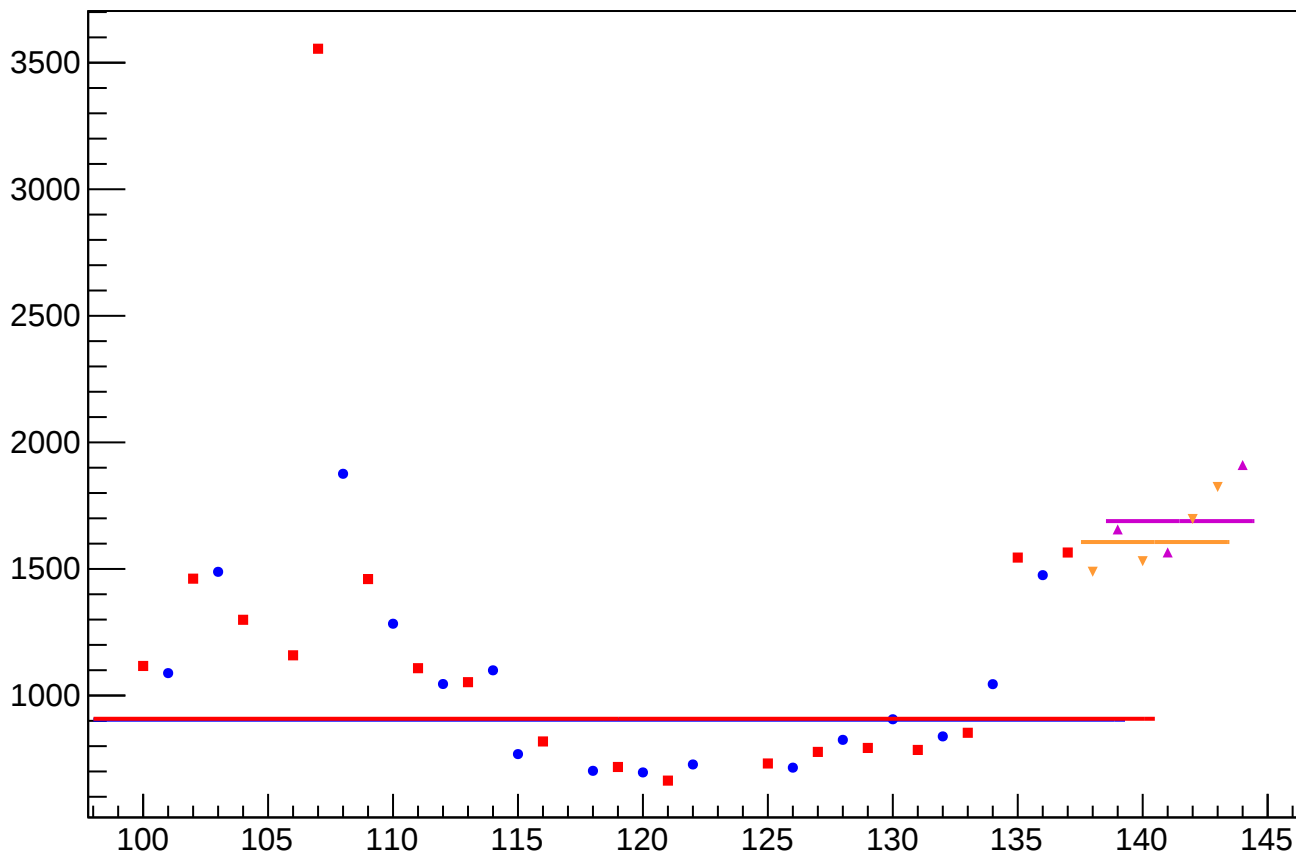
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

In: -173.784+/-345.653 χ^2/NDF : 23.3/18

Out: 345.598+/-339.945 χ^2/NDF : 27.3/21

All: 90.230+/-242.370 χ^2/NDF : 51.7/40

asym_usl_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1689.068+/-0.762 χ^2/NDF : 34013.0/2

Left: 1643.803+/-0.512 χ^2/NDF : 77629.0/6

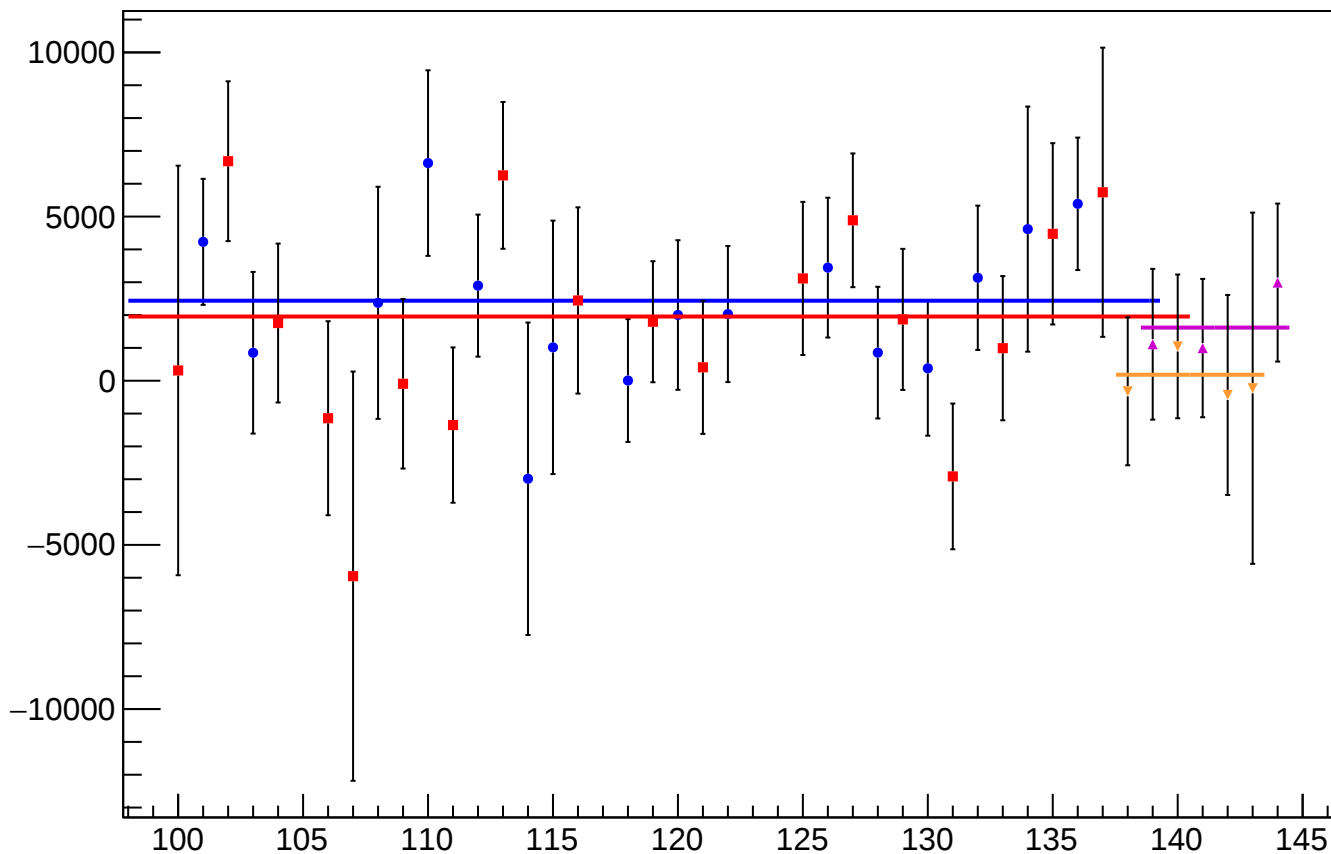
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 985.269+/-0.244 χ^2/NDF : 2006816.7/18

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

All: 988.845+/-0.171 χ^2/NDF : 4319783.1/40

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 $\pm$ 586.231 χ^2/NDF : 11.2/15

Left Out: 182.535 $\pm$ 1350.166 χ^2/NDF : 0.3/3

Right Out: 1955.910 $\pm$ 584.085 χ^2/NDF : 22.4/17

Left In: 1618.551 $\pm$ 1304.667 χ^2/NDF : 0.5/2

Left: 925.147 $\pm$ 938.212 χ^2/NDF : 1.3/6

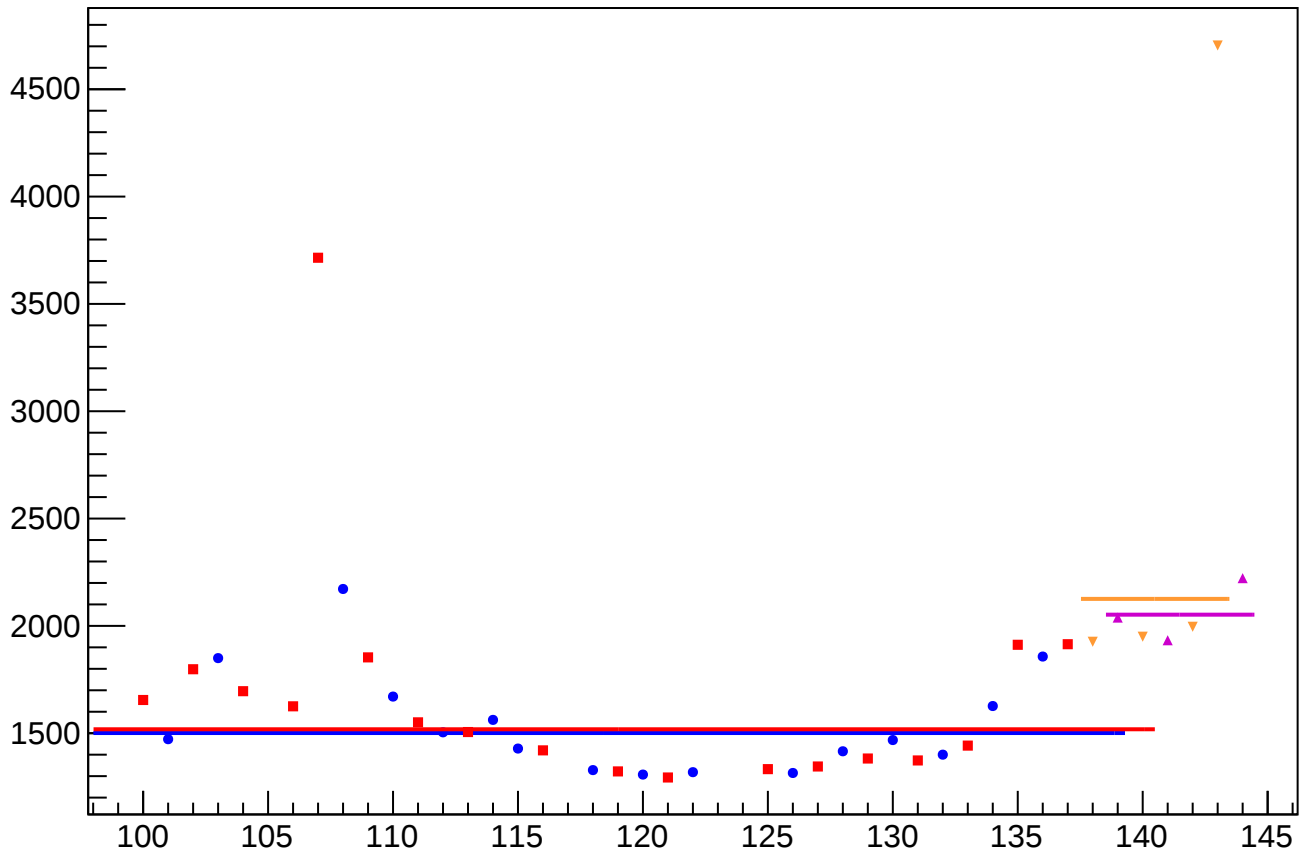
Right: 2195.827 $\pm$ 413.767 χ^2/NDF : 33.9/33

In: 2299.937 $\pm$ 534.730 χ^2/NDF : 12.0/18

Out: 1676.350 $\pm$ 536.073 χ^2/NDF : 24.1/21

All: 1988.926 $\pm$ 378.585 χ^2/NDF : 36.7/40

asym_usl_rms vs Slug, Sign Corrected



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

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

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

Left In: 2052.242+/-0.923 χ^2/NDF : 16456.1/2

Left: 2087.746+/-0.663 χ^2/NDF : 516608.0/6

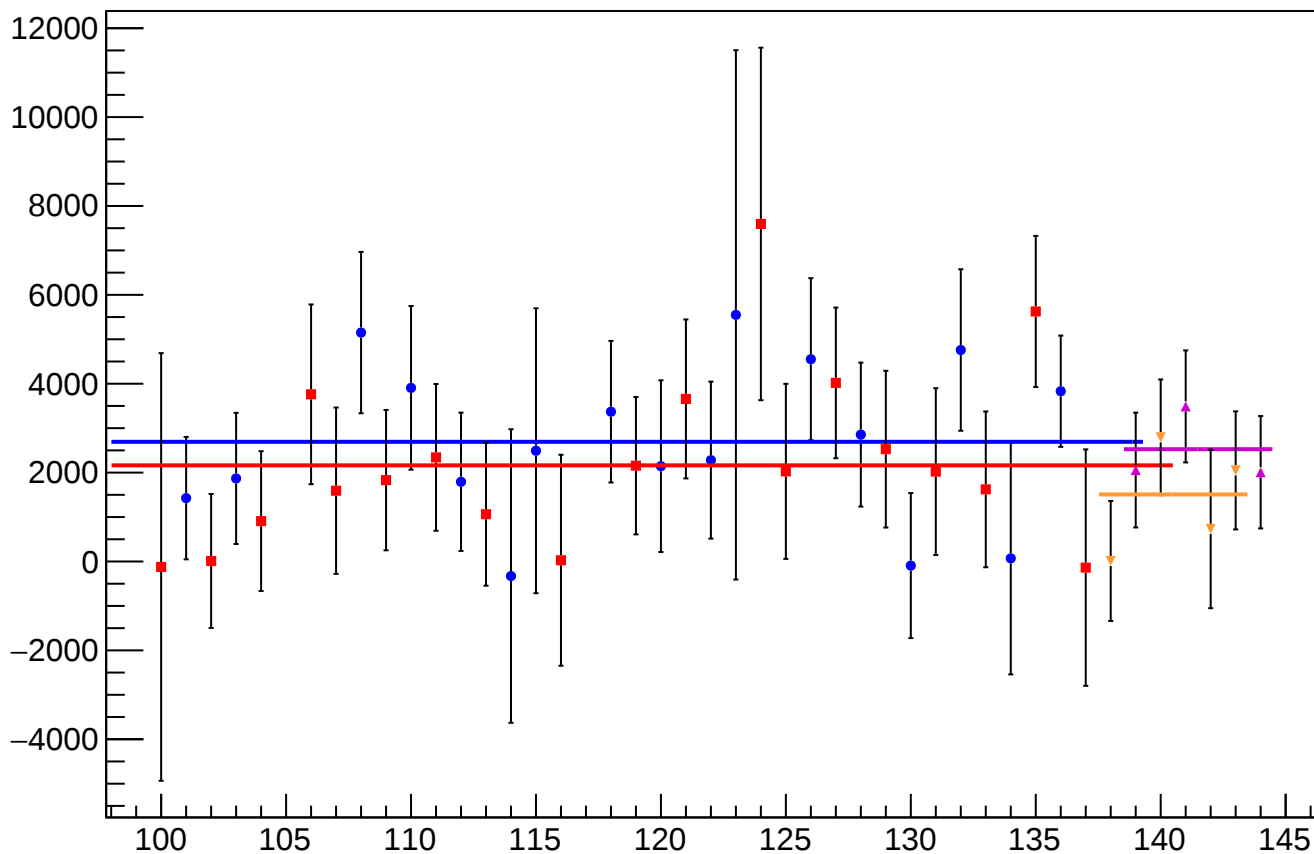
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1593.458+/-0.378 χ^2/NDF : 569929.4/18

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

All: 1603.746+/-0.268 χ^2/NDF : 1885516.6/40

dit_asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2526.936 $\pm$ 734.285 χ^2/NDF : 0.9/2

Left: 1996.292 $\pm$ 508.093 χ^2/NDF : 4.4/6

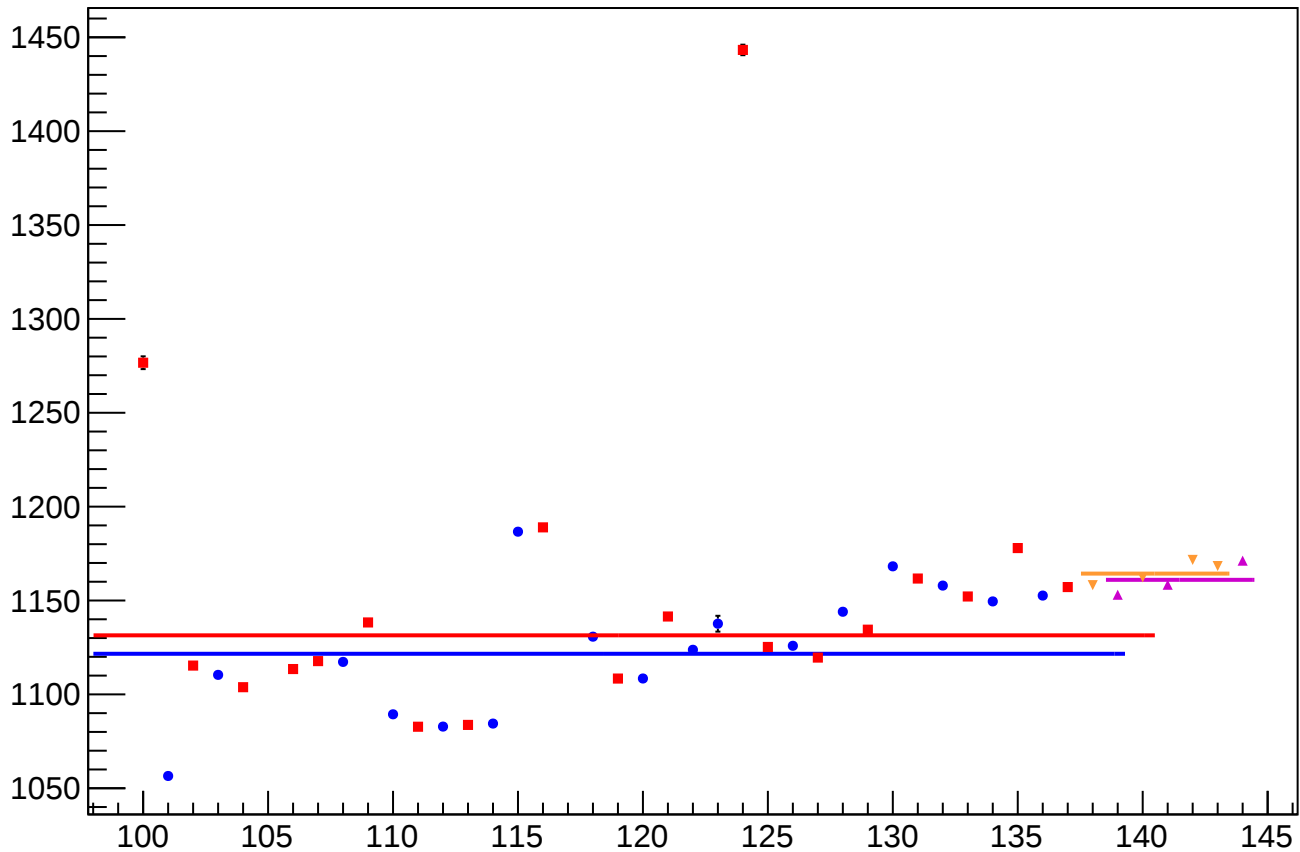
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

In: 2650.208 $\pm$ 372.735 χ^2/NDF : 13.2/19

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

All: 2310.903 $\pm$ 260.074 χ^2/NDF : 31.7/42

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: 1131.451 +/- 0.300 χ^2/NDF : 23111.7/18

Left In: 1161.013 +/- 0.519 χ^2/NDF : 214.5/2

Left: 1162.743 +/- 0.359 χ^2/NDF : 333.8/6

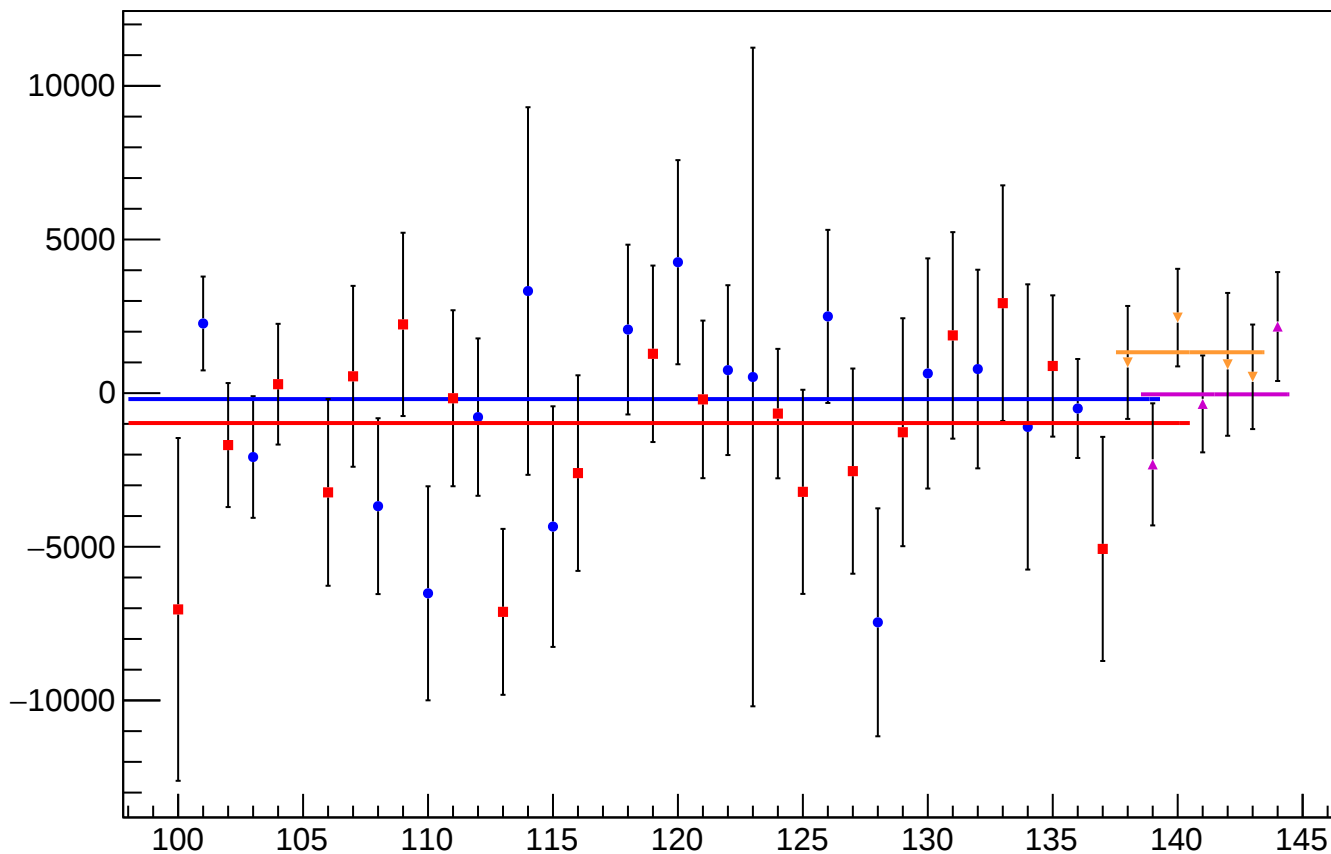
Right: 1126.640 +/- 0.214 χ^2/NDF : 35618.4/35

In: 1131.775 +/- 0.264 χ^2/NDF : 16466.4/19

Out: 1140.201 +/- 0.257 χ^2/NDF : 26413.7/22

All: 1136.099 +/- 0.184 χ^2/NDF : 43404.6/42

asym_usr_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -38.870 ± 1013.433 χ^2/NDF : 2.9/2

Left: 723.731 ± 674.666 χ^2/NDF : 4.7/6

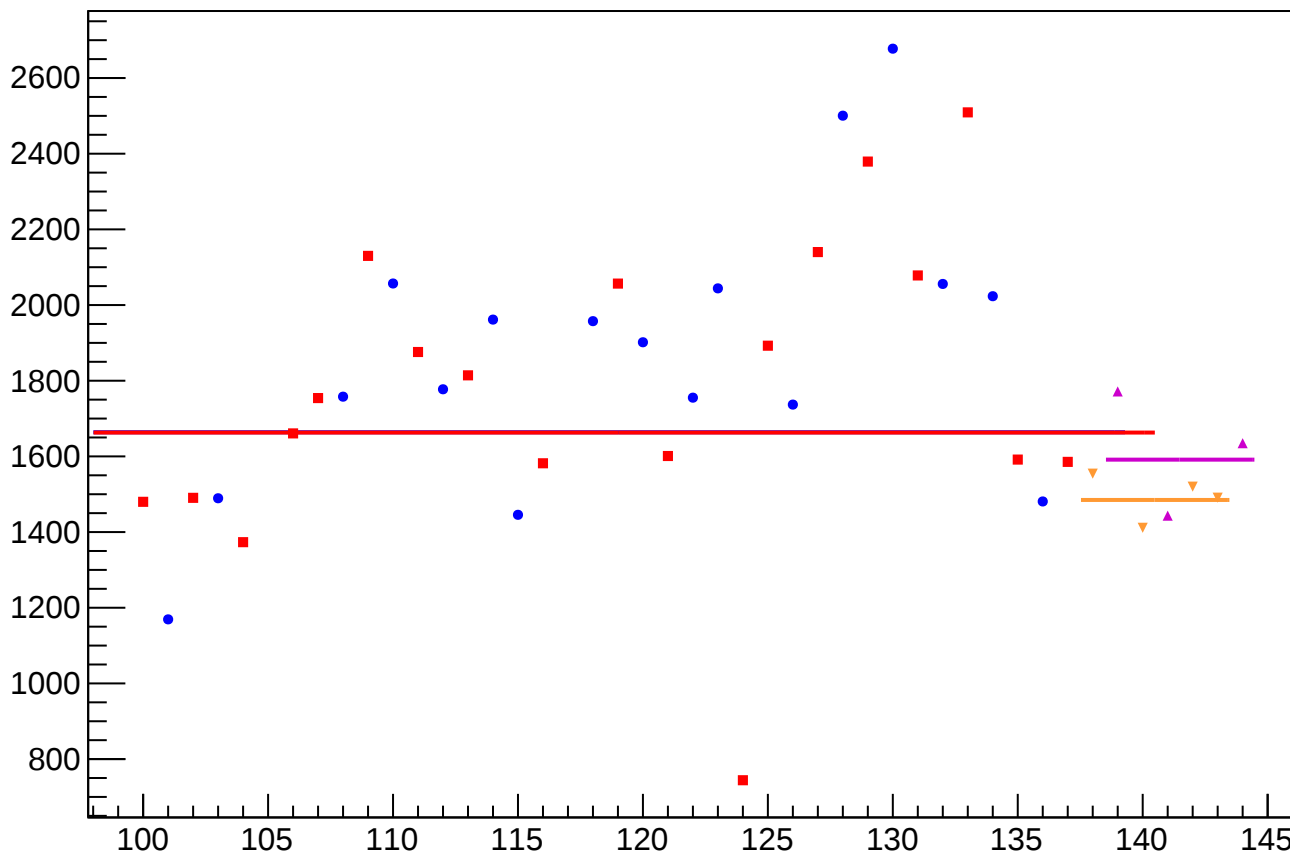
Right: -592.444 ± 461.436 χ^2/NDF : 32.4/35

In: -147.296 ± 553.267 χ^2/NDF : 20.3/19

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

All: -172.979 ± 380.873 χ^2/NDF : 39.7/42

asym_usr_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1591.410+/-0.717 χ^2/NDF : 35293.7/2

Left: 1532.089+/-0.477 χ^2/NDF : 55234.3/6

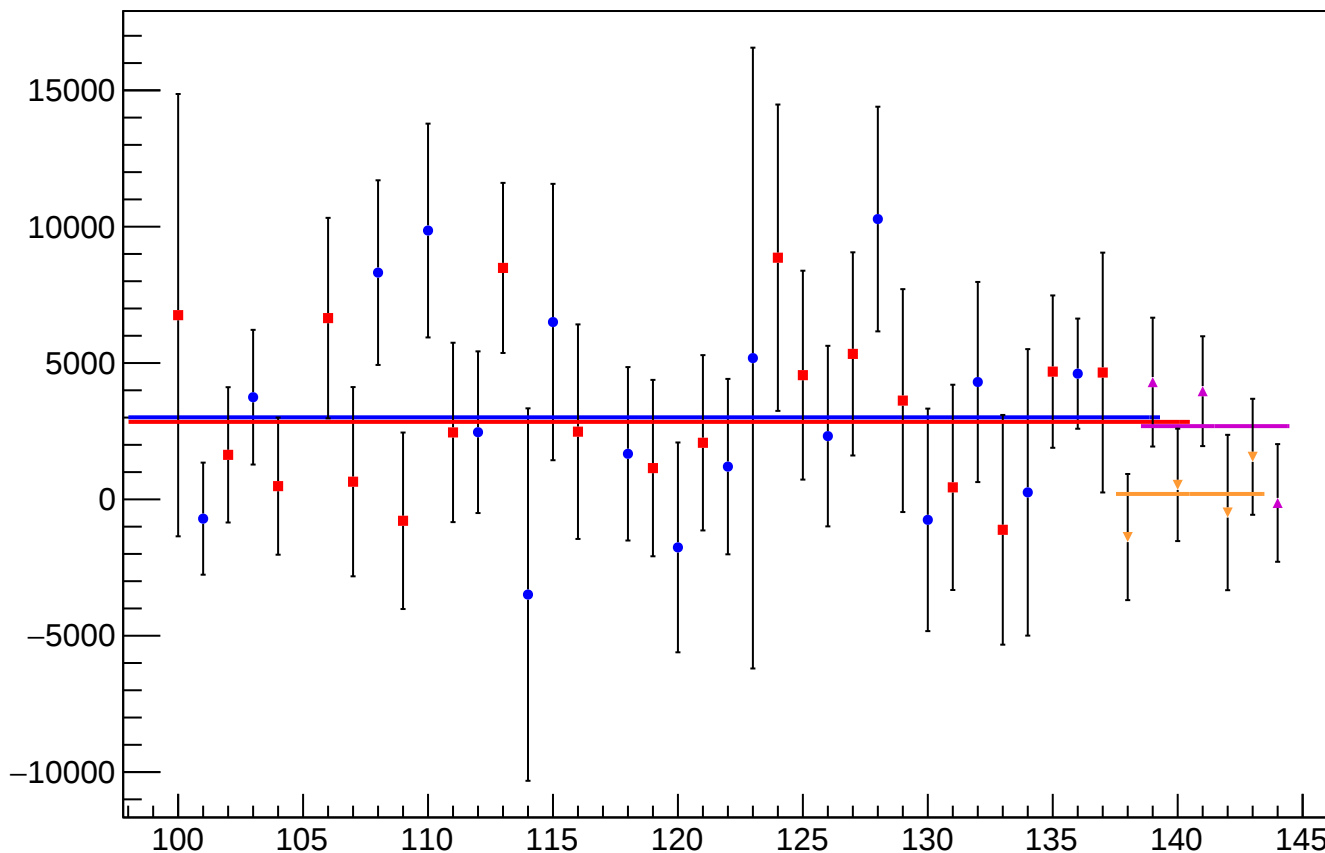
Right: 1663.373+/-0.326 χ^2/NDF : 1427453.3/35

In: 1642.210+/-0.391 χ^2/NDF : 664930.5/19

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

All: 1621.533+/-0.269 χ^2/NDF : 1534283.5/42

asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2686.370+/-1249.479 χ^2/NDF : 2.6/2

Left: 1331.409+/-842.987 χ^2/NDF : 5.7/6

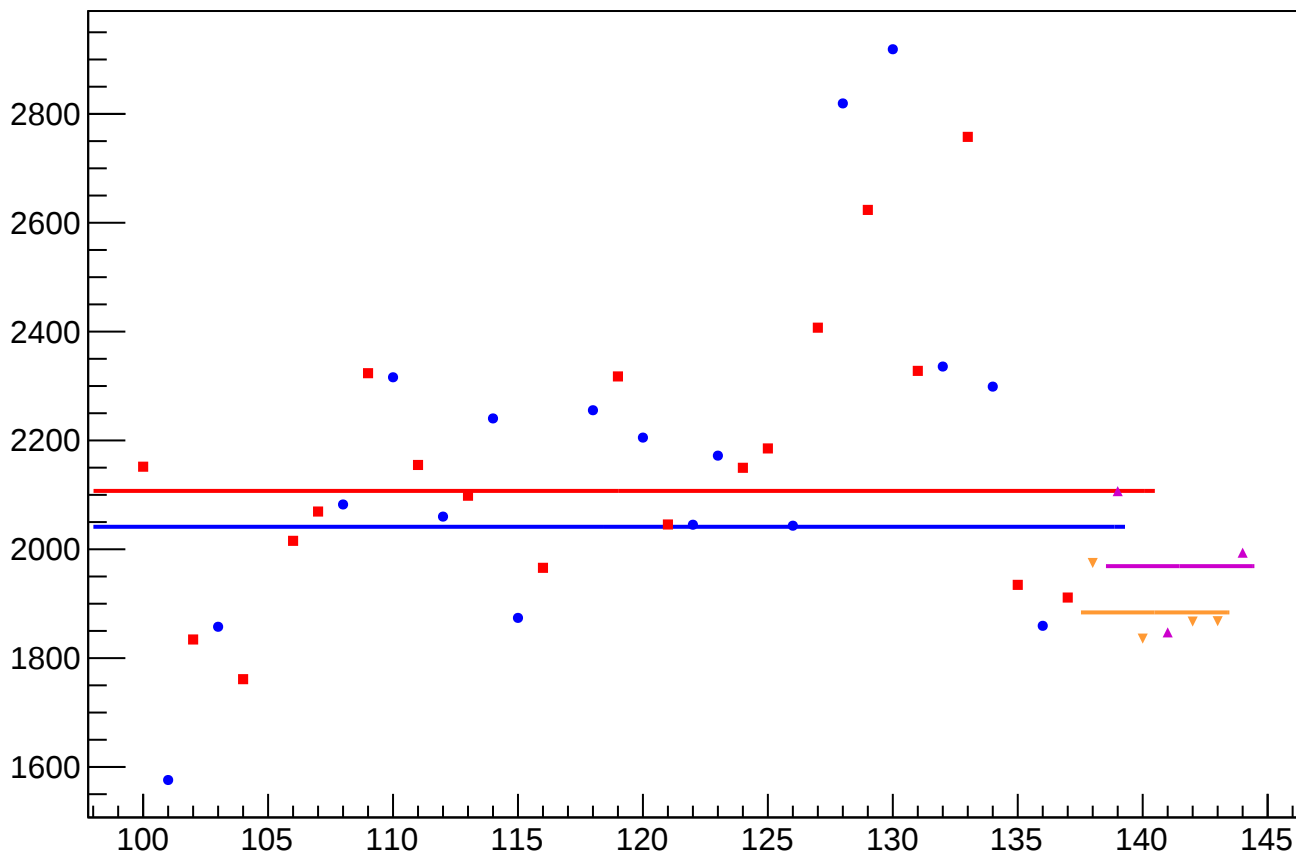
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2915.388+/-673.525 χ^2/NDF : 20.0/19

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

All: 2432.315+/-468.787 χ^2/NDF : 37.0/42

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348 $\pm$ 0.565 χ^2 /NDF: 338436.8/16

Left Out: 1883.990 $\pm$ 0.808 χ^2 /NDF: 4360.2/3

Right Out: 2107.277 $\pm$ 0.563 χ^2 /NDF: 196781.3/18

Left In: 1969.029 $\pm$ 0.884 χ^2 /NDF: 14372.8/2

Left: 1922.698 $\pm$ 0.596 χ^2 /NDF: 23780.3/6

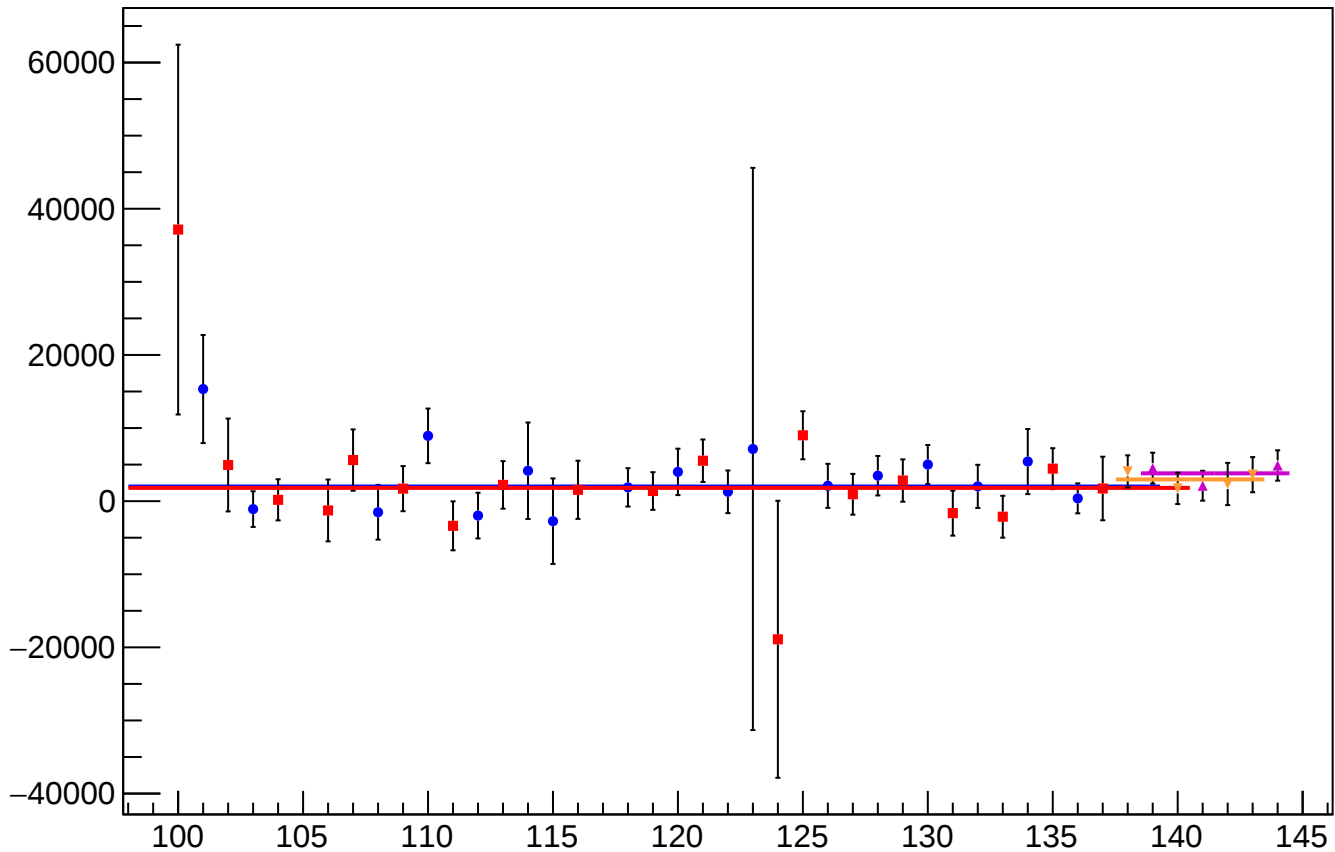
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 2020.335 $\pm$ 0.476 χ^2 /NDF: 357563.0/19

Out: 2034.306 $\pm$ 0.462 χ^2 /NDF: 252606.3/22

All: 2027.538 $\pm$ 0.331 χ^2 /NDF: 610613.0/42

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3806.402+/-1198.801 χ^2/NDF : 1.1/2

Left: 3383.310+/-841.139 χ^2/NDF : 2.0/6

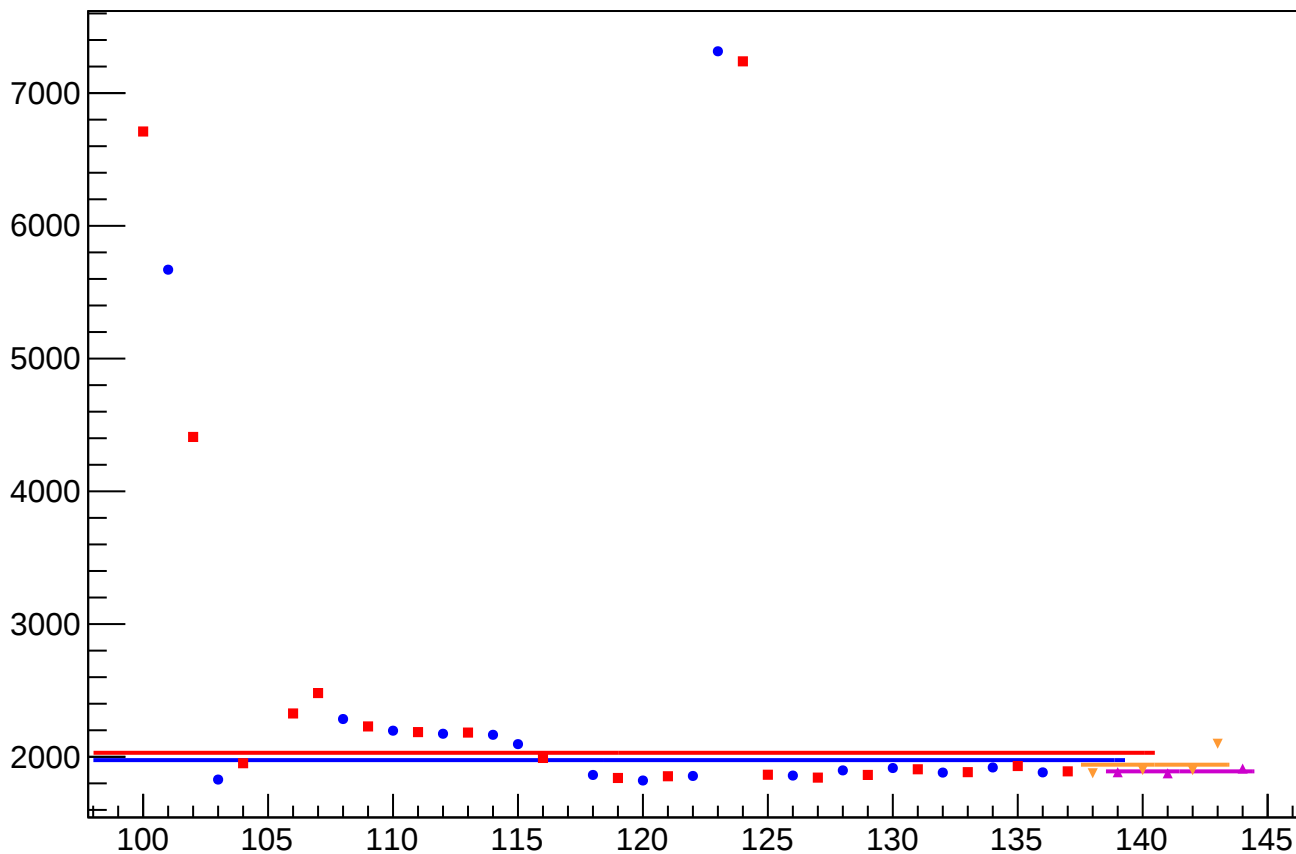
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2538.767+/-654.740 χ^2/NDF : 17.5/19

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

All: 2352.620+/-461.866 χ^2/NDF : 37.2/42

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1890.447+/-0.848 χ^2/NDF : 331.8/2

Left: 1915.977+/-0.595 χ^2/NDF : 13614.7/6

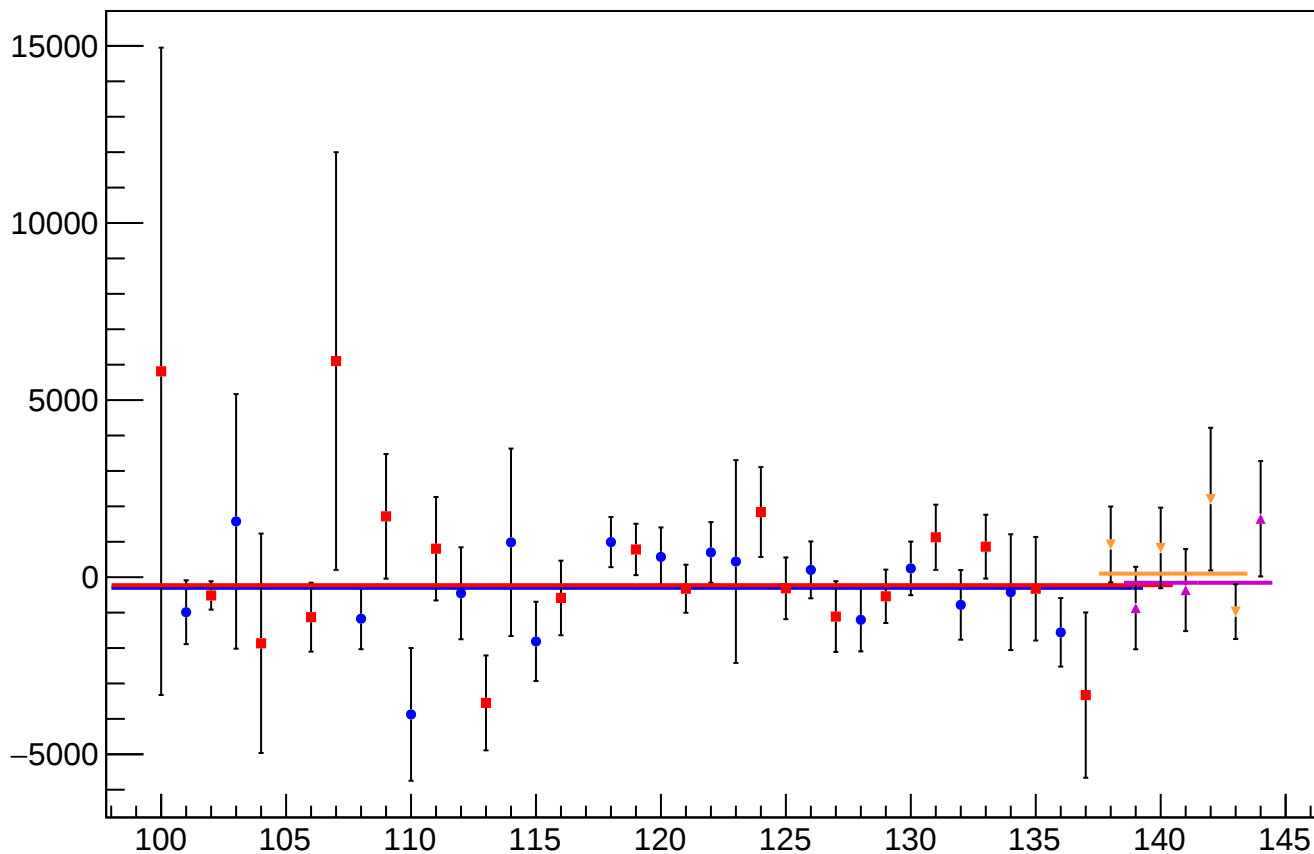
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1949.855+/-0.463 χ^2/NDF : 607163.0/19

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

All: 1976.574+/-0.327 χ^2/NDF : 1237225.1/42

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -157.391+/-733.043 χ^2/NDF : 1.6/2

Left: 12.151+/-429.317 χ^2/NDF : 5.7/6

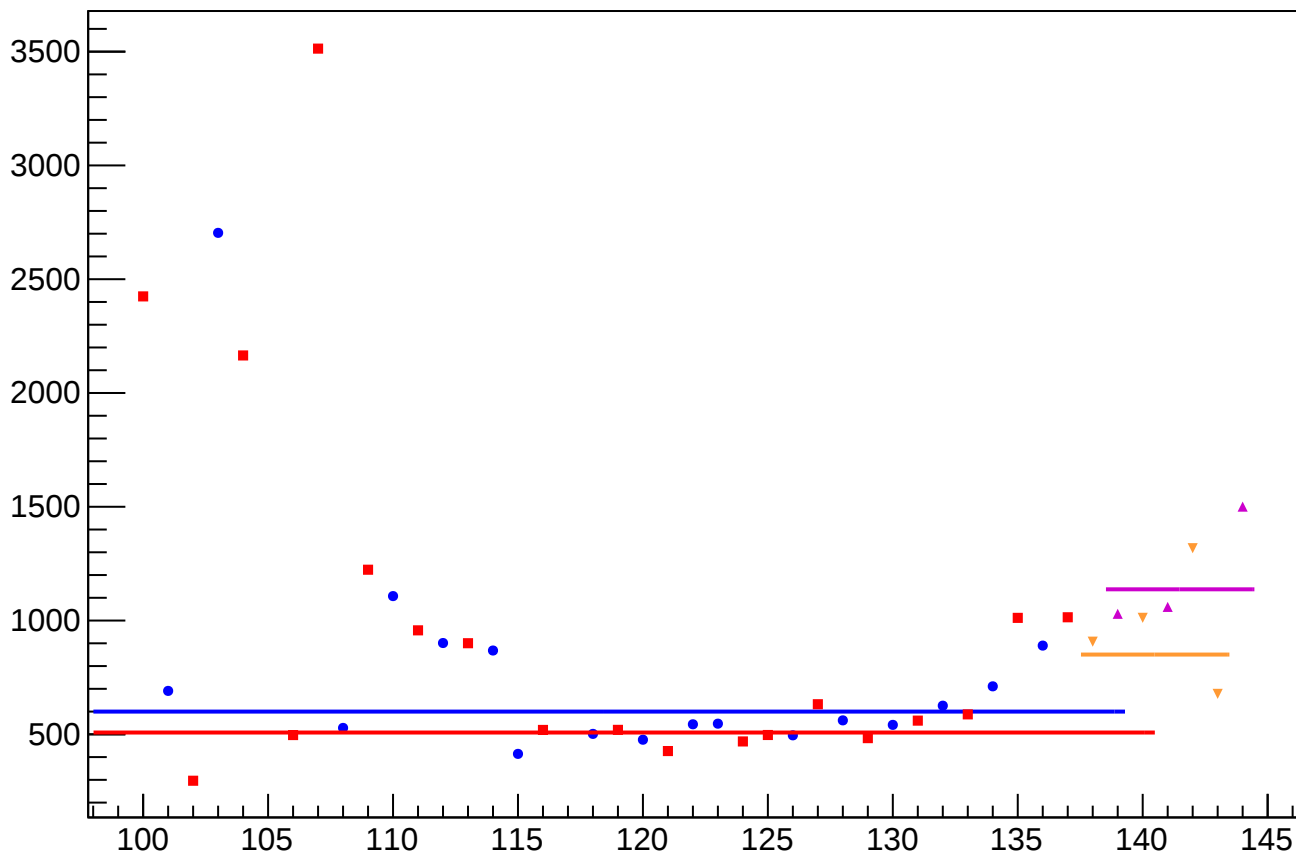
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

In: -285.491+/-233.742 χ^2/NDF : 19.0/19

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

All: -223.977+/-151.815 χ^2/NDF : 45.7/42

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1137.246+/-0.518 χ^2/NDF : 125521.7/2

Left: 948.894+/-0.304 χ^2/NDF : 579889.1/6

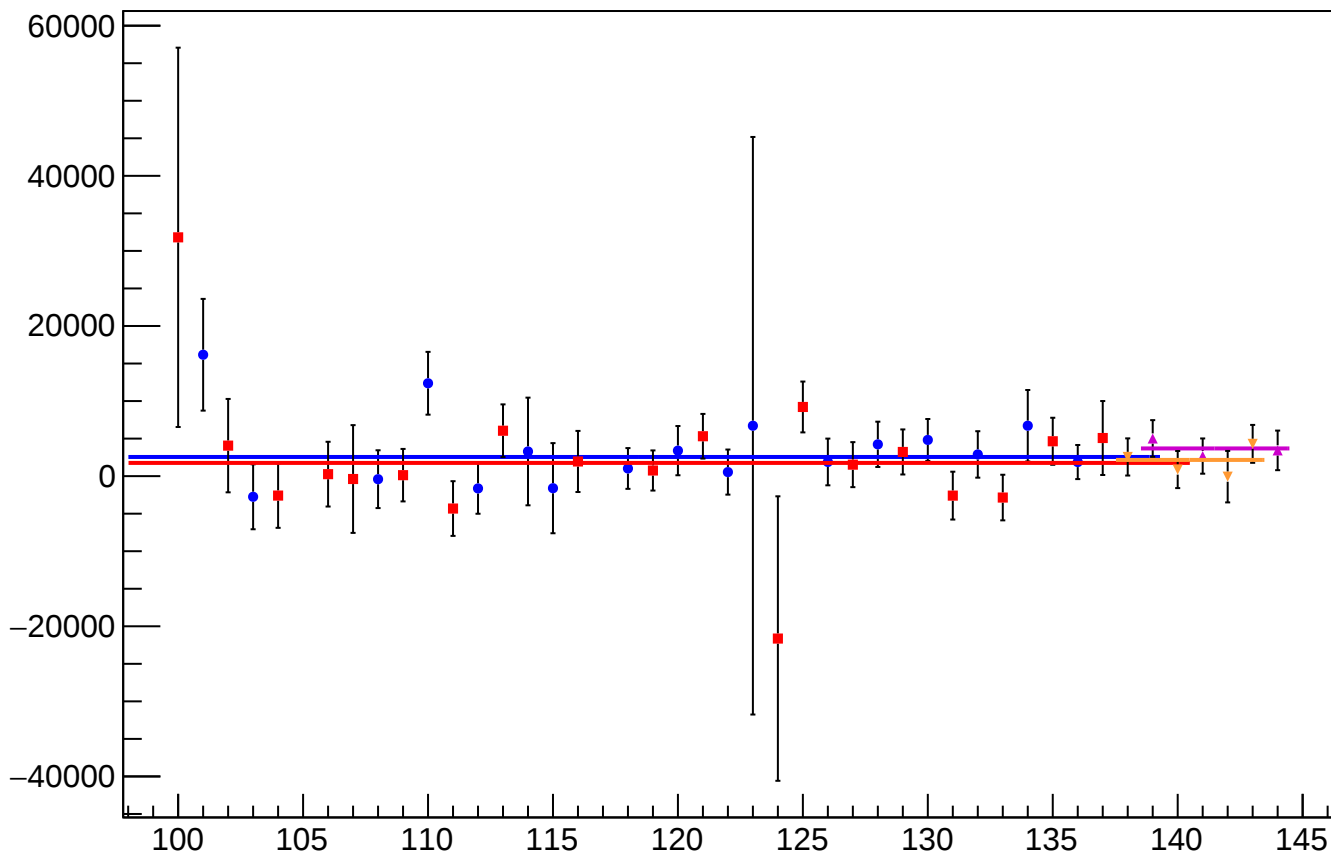
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 654.582+/-0.165 χ^2/NDF : 2471791.1/19

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

All: 597.950+/-0.107 χ^2/NDF : 6495075.0/42

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597+/-858.906 χ^2/NDF : 15.7/16

Left Out: 2159.745+/-1325.588 χ^2/NDF : 1.4/3

Right Out: 1761.499+/-854.672 χ^2/NDF : 20.9/18

Left In: 3689.094+/-1424.565 χ^2/NDF : 0.5/2

Left: 2869.450+/-970.438 χ^2/NDF : 2.5/6

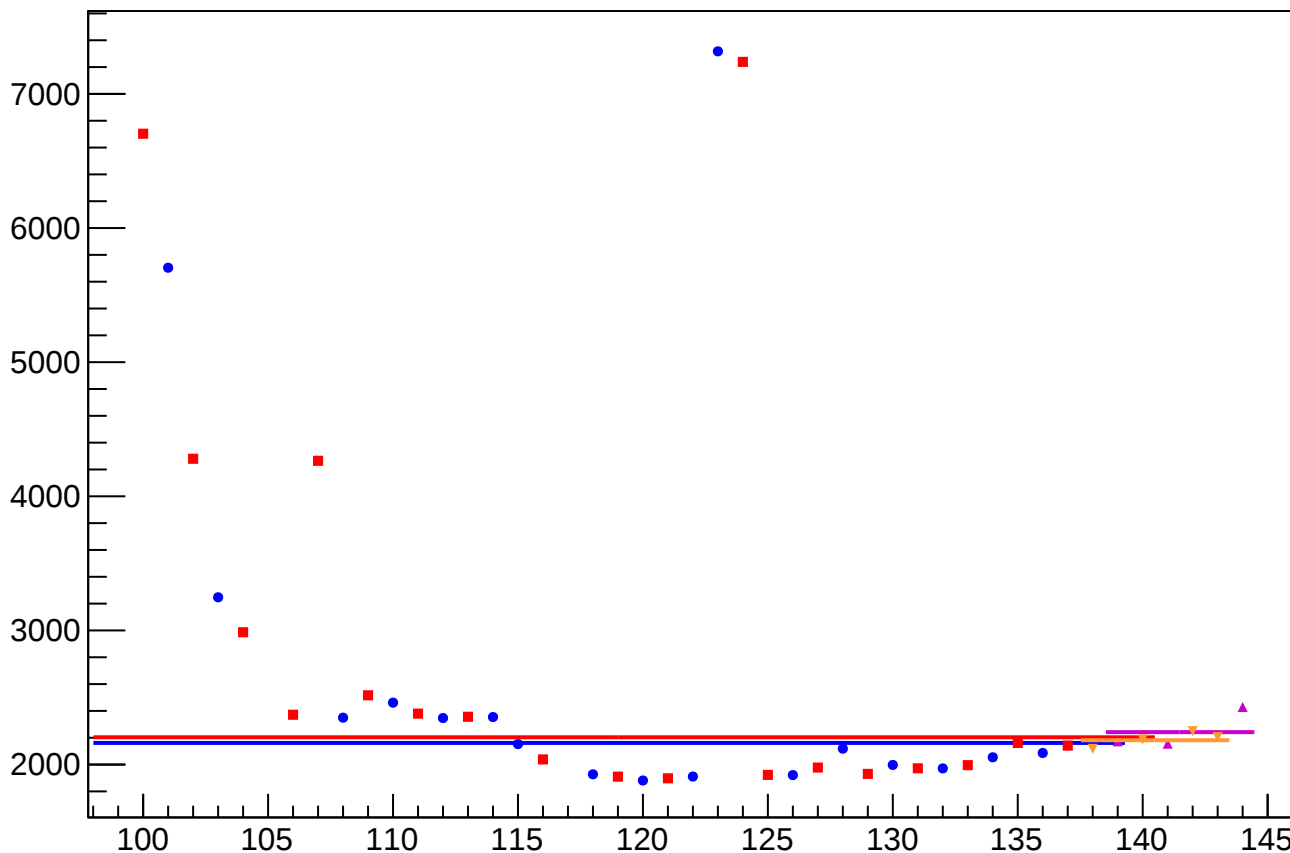
Right: 2155.591+/-605.836 χ^2/NDF : 37.1/35

In: 2856.324+/-735.555 χ^2/NDF : 16.7/19

Out: 1878.439+/-718.313 χ^2/NDF : 22.4/22

All: 2355.786+/-513.911 χ^2/NDF : 40.0/42

asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 2241.789+/-1.007 χ^2/NDF :14358.2/2

Left: 2209.448+/-0.686 χ^2/NDF : 18582.9/6

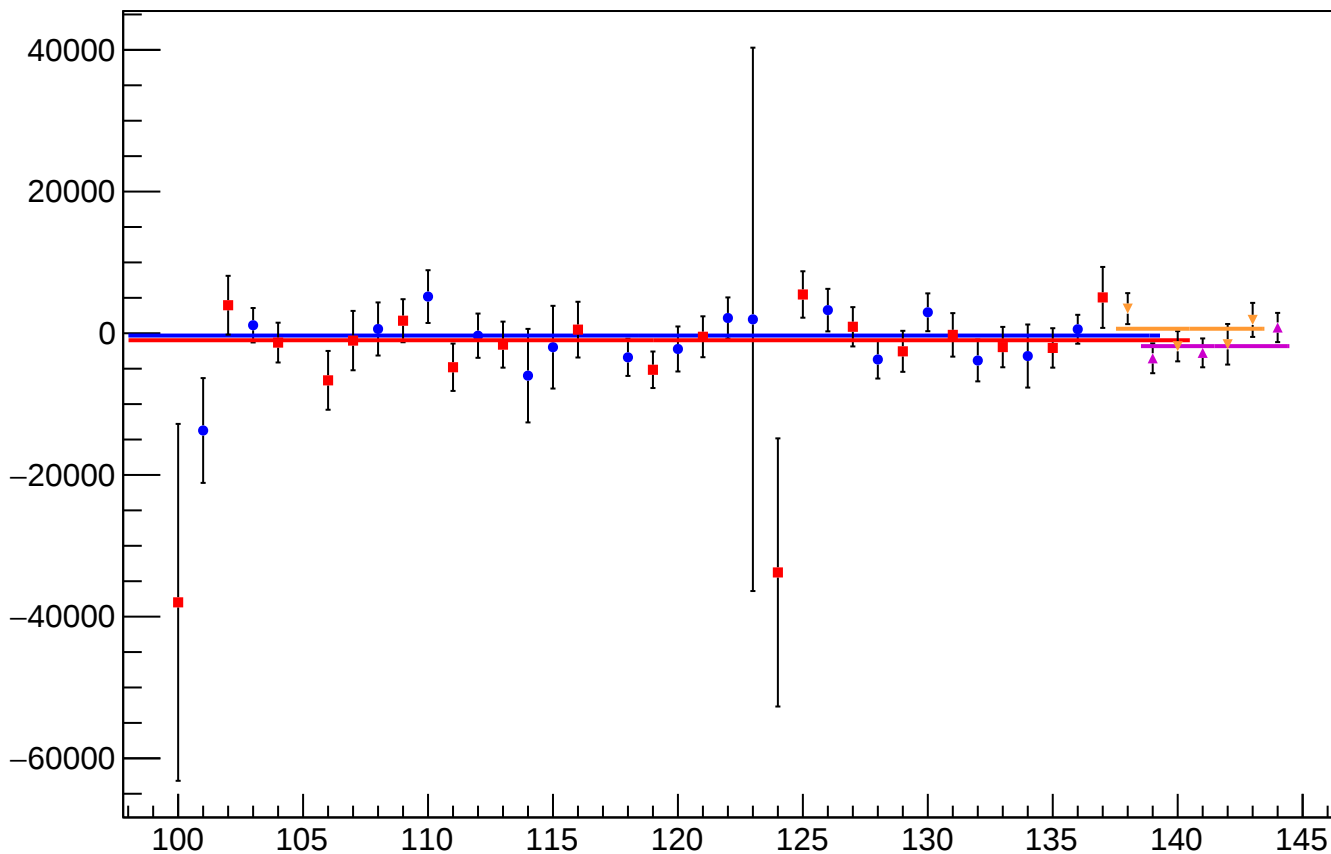
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2182.845+/-0.520 χ^2/NDF :730280.2/19

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

All: 2190.046+/-0.363 χ^2/NDF : 1530734.7/42

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 636.877 ± 1175.282 $\chi^2/\text{NDF}: 3.9/3$

Right Out: -985.900 ± 769.924 $\chi^2/\text{NDF}: 20.4/18$

Left In: -1816.130 ± 1192.757 $\chi^2/\text{NDF}: 2.5/2$

Left: -571.525 ± 837.160 $\chi^2/\text{NDF}: 8.5/6$

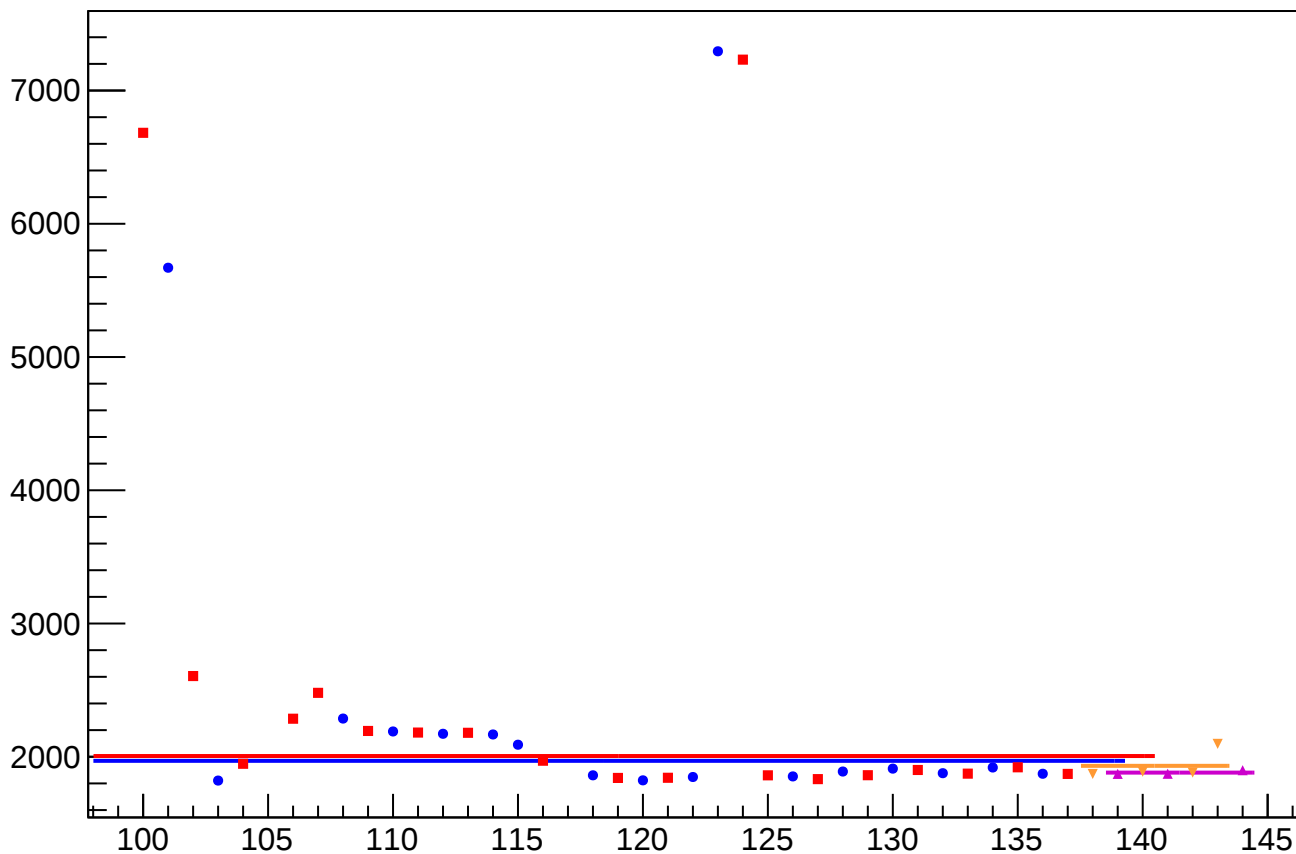
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -770.384 ± 652.518 $\chi^2/\text{NDF}: 19.3/19$

Out: -498.605 ± 644.034 $\chi^2/\text{NDF}: 25.6/22$

All: -632.716 ± 458.371 $\chi^2/\text{NDF}: 45.0/42$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494 ± 0.551 $\chi^2/\text{NDF}: 602810.5/16$

Left Out: 1931.950 ± 0.831 $\chi^2/\text{NDF}: 12445.8/3$

Right Out: 2005.551 ± 0.544 $\chi^2/\text{NDF}: 359644.9/18$

Left In: 1881.119 ± 0.843 $\chi^2/\text{NDF}: 230.0/2$

Left: 1906.910 ± 0.592 $\chi^2/\text{NDF}: 14518.7/6$

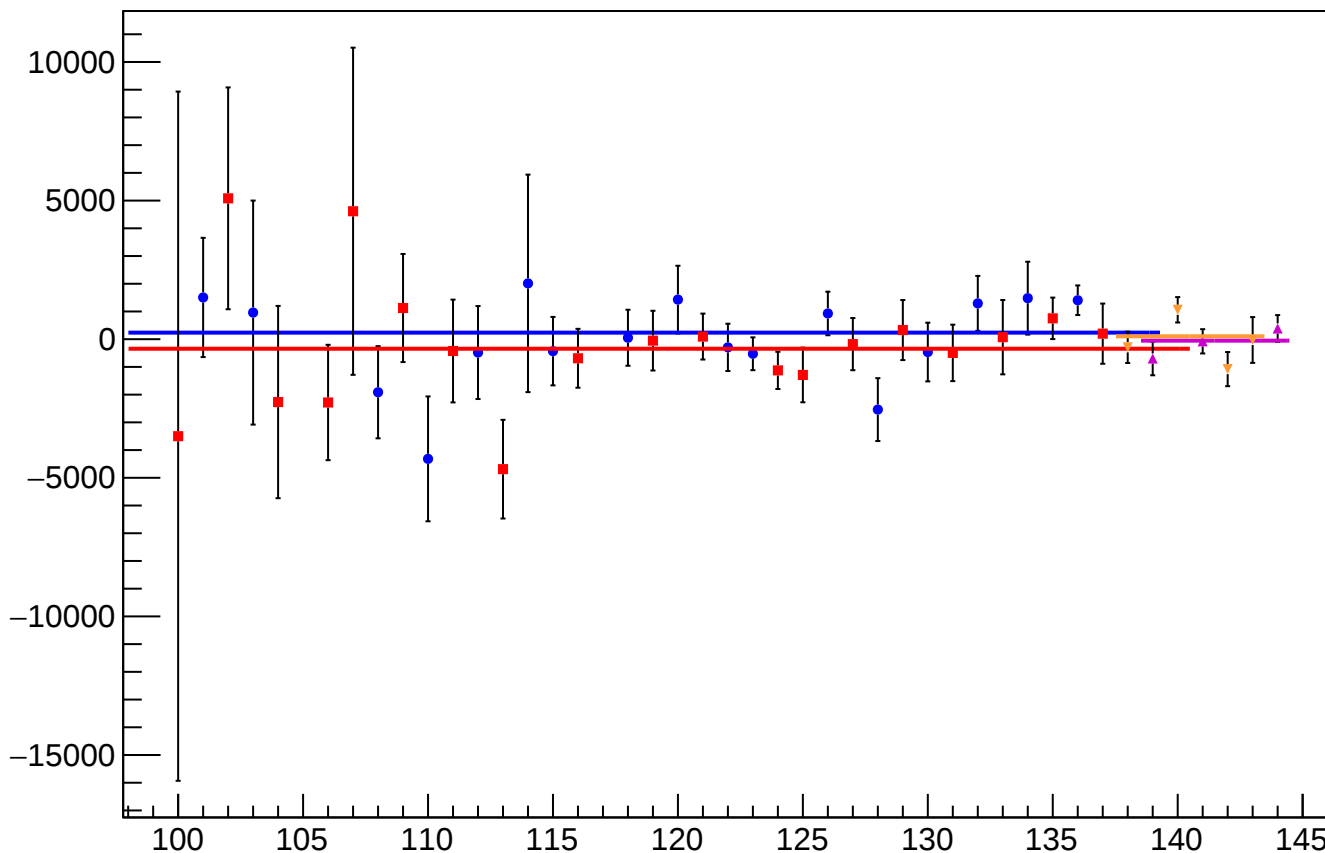
Right: 1987.746 ± 0.387 $\chi^2/\text{NDF}: 964621.5/35$

In: 1943.045 ± 0.461 $\chi^2/\text{NDF}: 610734.1/19$

Out: 1983.450 ± 0.455 $\chi^2/\text{NDF}: 377579.0/22$

All: 1963.512 ± 0.324 $\chi^2/\text{NDF}: 992197.5/42$

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -52.648 $\pm$ 285.897 χ^2 /NDF:2.0/2

Left: 25.102 $\pm$ 203.127 χ^2 /NDF: 10.7/6

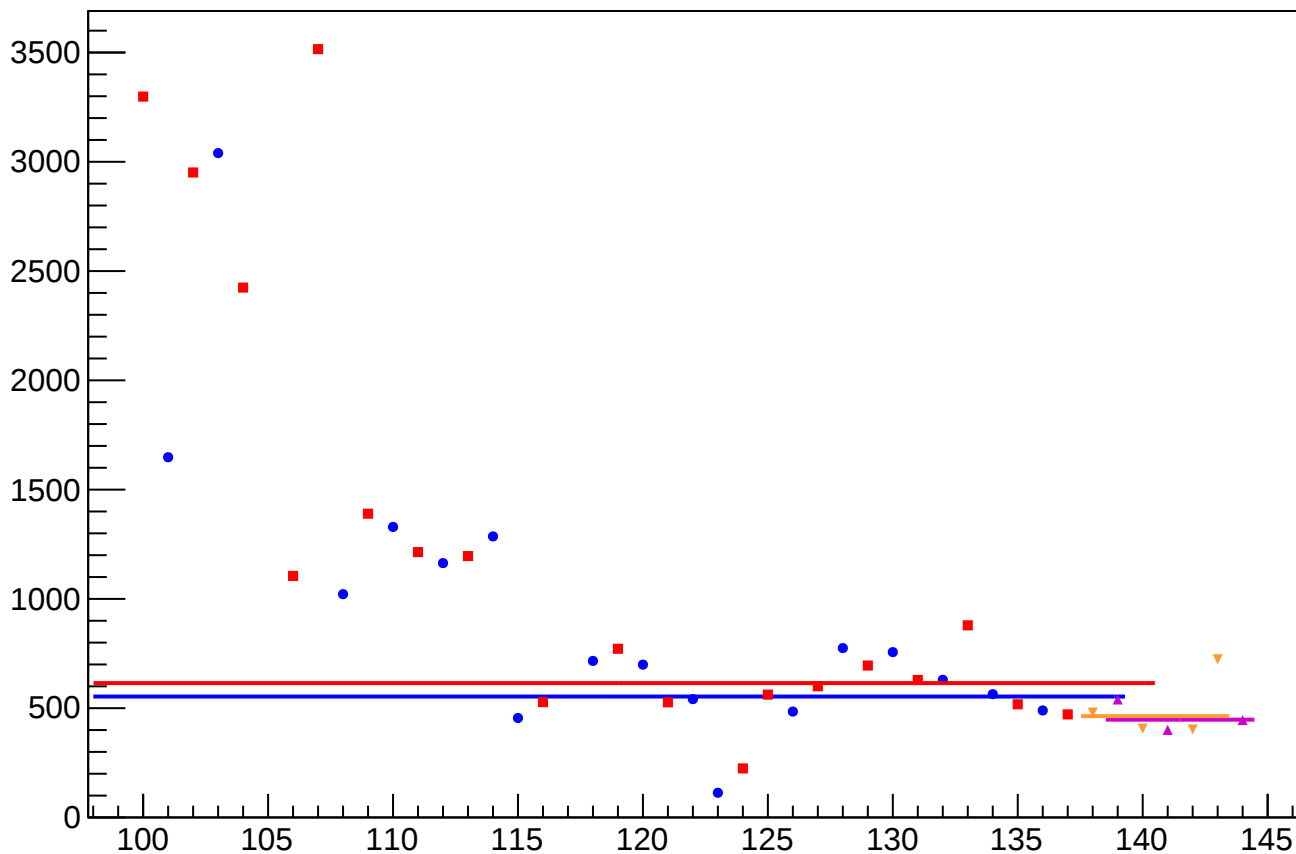
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 112.210 $\pm$ 187.599 χ^2 /NDF:26.4/19

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

All: -6.151 $\pm$ 135.724 χ^2 /NDF: 53.1/42

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 447.457+/-0.202 χ^2/NDF : 69553.0/2

Left: 455.491+/-0.144 χ^2/NDF : 323812.1/6

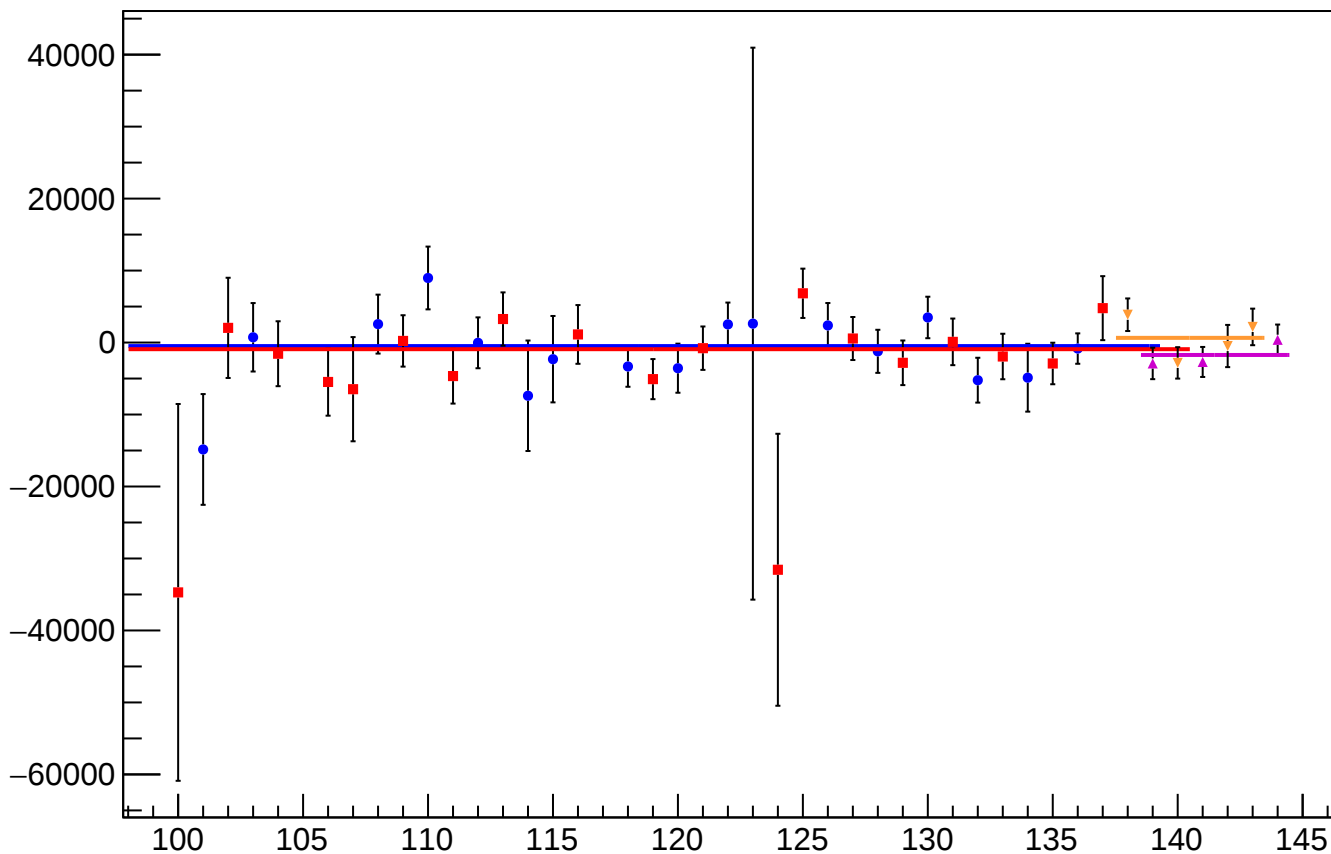
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 507.716+/-0.133 χ^2/NDF : 3638332.3/19

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

All: 525.346+/-0.096 χ^2/NDF : 7790064.3/42

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1725.476+/-1228.578 χ^2/NDF : 1.5/2

Left: -524.325+/-864.185 χ^2/NDF : 8.5/6

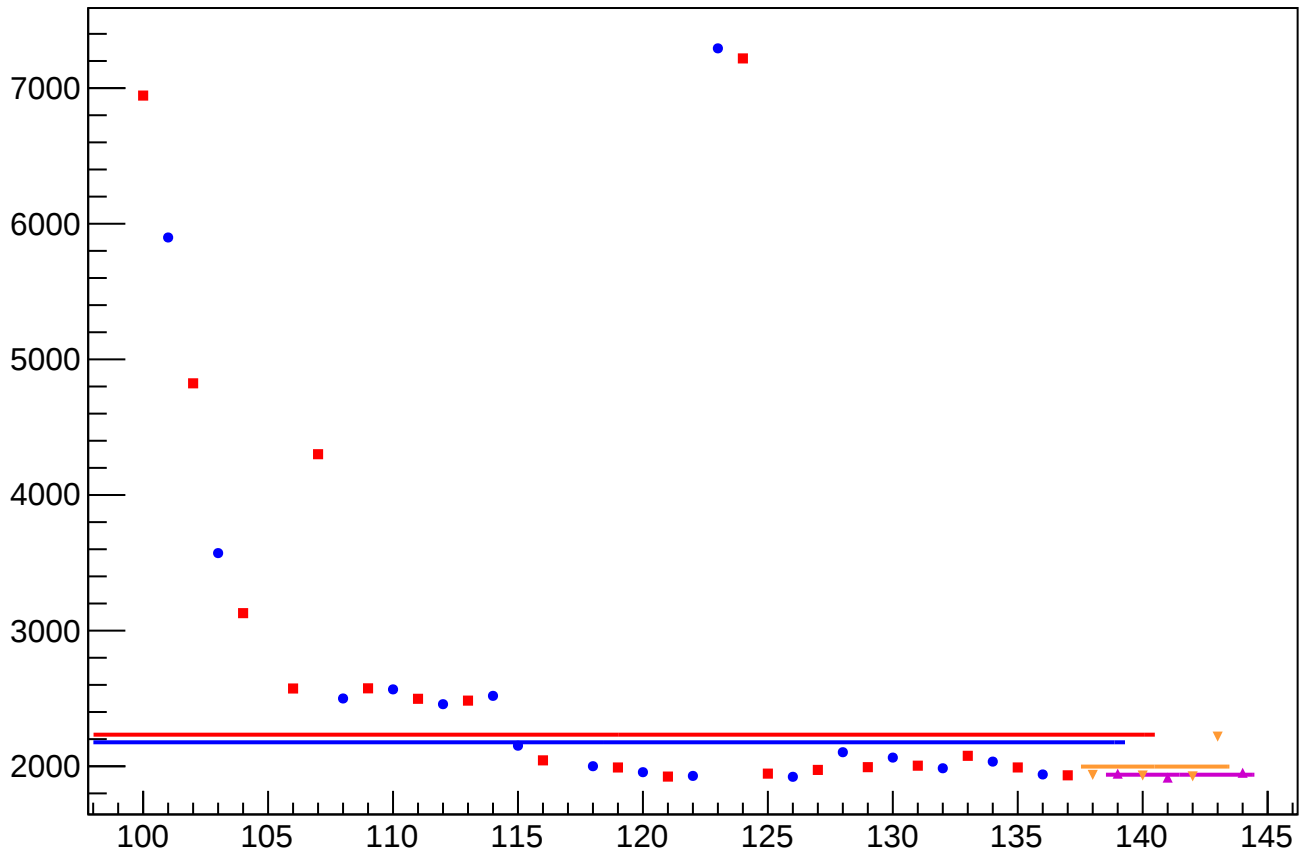
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -902.647+/-708.913 χ^2/NDF : 20.7/19

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

All: -645.558+/-500.527 χ^2/NDF : 46.1/42

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1937.735 $\pm$ 0.869 χ^2 /NDF:328.8/2

Left: 1967.995 $\pm$ 0.611 χ^2 /NDF: 22364.8/6

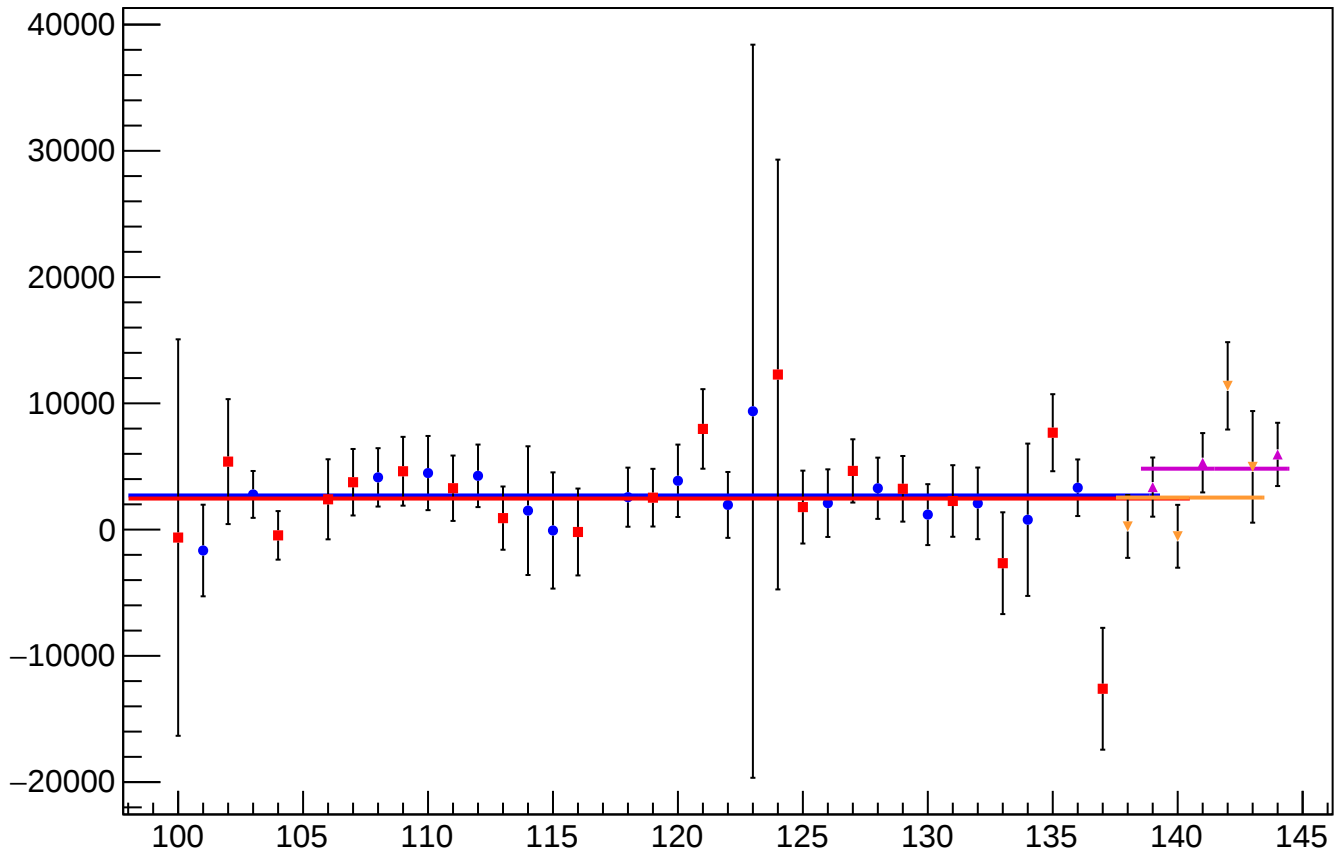
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2097.167 $\pm$ 0.501 χ^2 /NDF:853498.4/19

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

All: 2125.357 $\pm$ 0.354 χ^2 /NDF: 1819567.0/42

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 4824.196 $\pm$ 1383.351 χ^2 /NDF:0.6/2

Left: 3756.760 $\pm$ 1010.246 χ^2 /NDF: 11.1/6

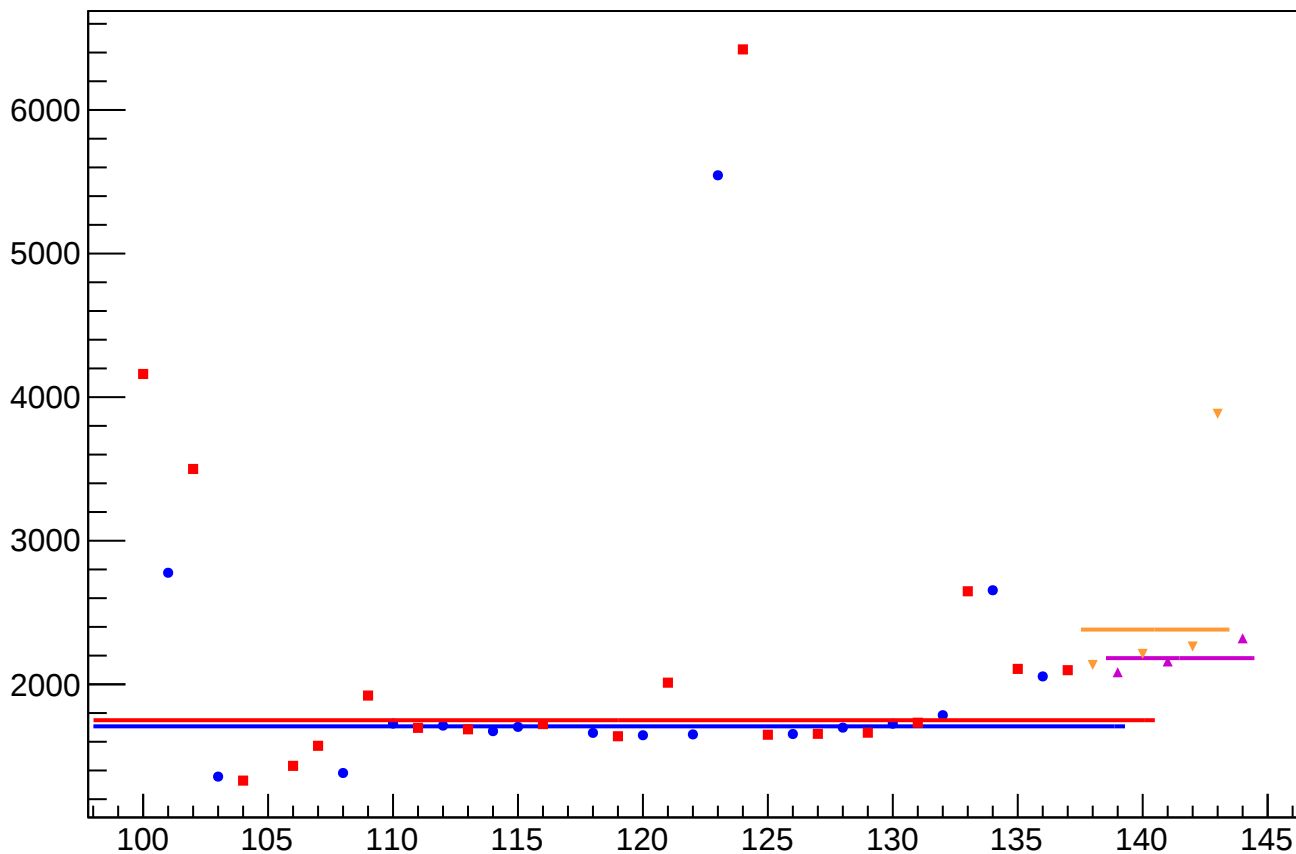
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 3110.252 $\pm$ 605.835 χ^2 /NDF:6.6/19

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

All: 2798.615 $\pm$ 433.238 χ^2 /NDF: 39.5/42

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 2182.409+/-0.978 χ^2/NDF : 9772.6/2

Left: 2275.220+/-0.714 χ^2/NDF : 291458.6/6

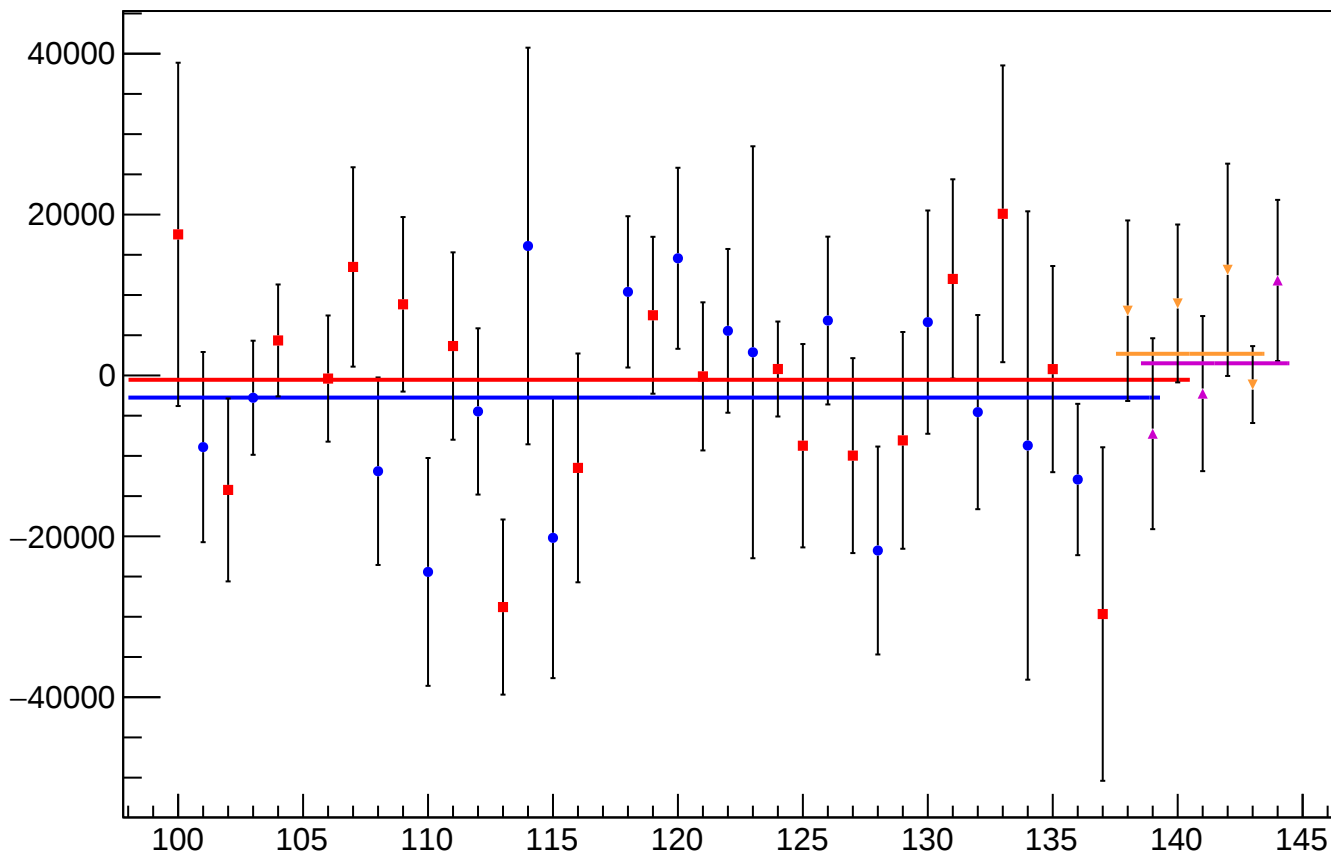
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1798.494+/-0.428 χ^2/NDF : 622535.6/19

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

All: 1829.008+/-0.306 χ^2/NDF : 1942169.2/42

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

Left In: 1511.529+/-5994.167 χ^2/NDF : 1.8/2

Left: 2349.482+/-3233.115 χ^2/NDF : 3.7/6

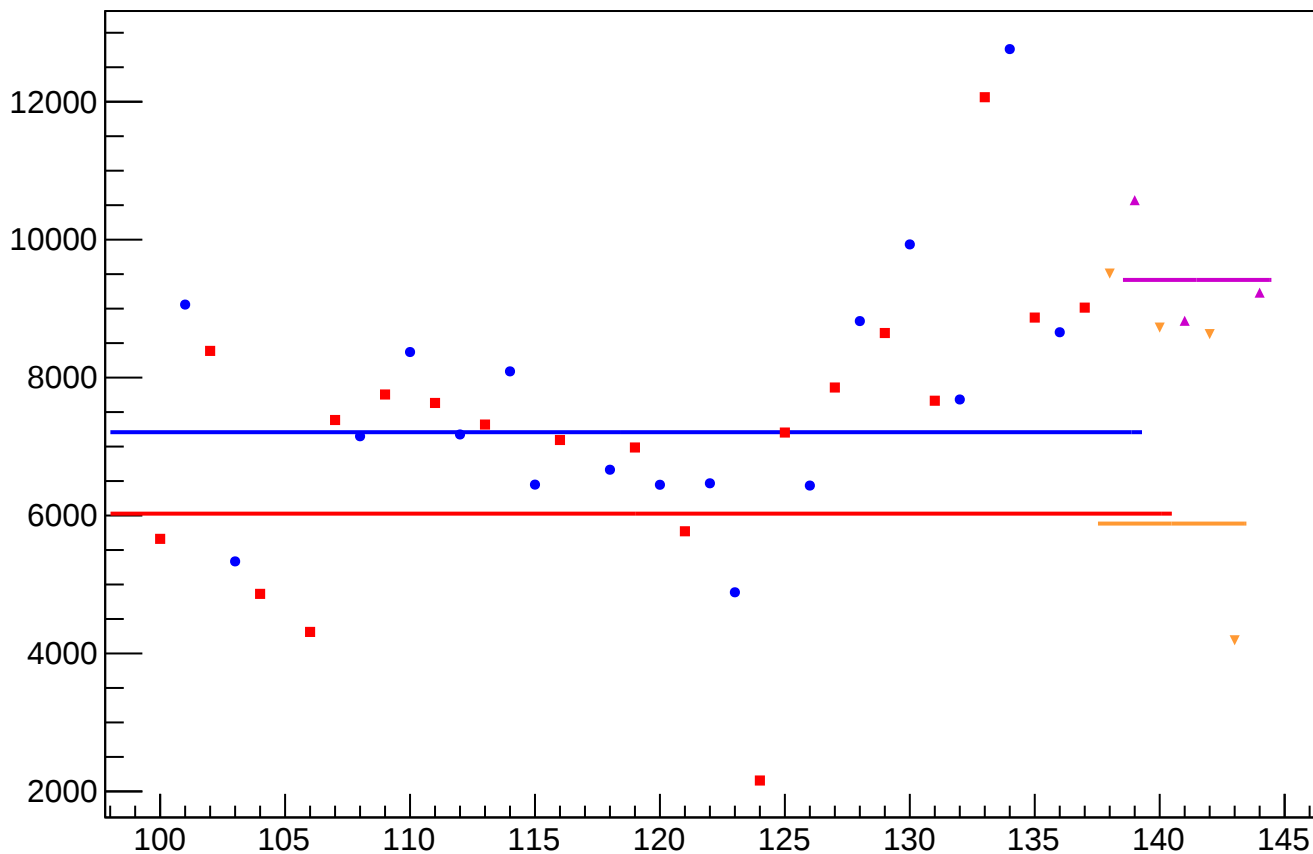
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: -1968.259+/-2568.277 χ^2/NDF : 16.7/19

Out: 383.092+/-2050.286 χ^2/NDF : 20.9/22

All: -532.146+/-1602.323 χ^2/NDF : 38.1/42

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 9416.326+/-4.239 χ^2/NDF : 27219.8/2

Left: 6911.171+/-2.286 χ^2/NDF : 1233641.6/6

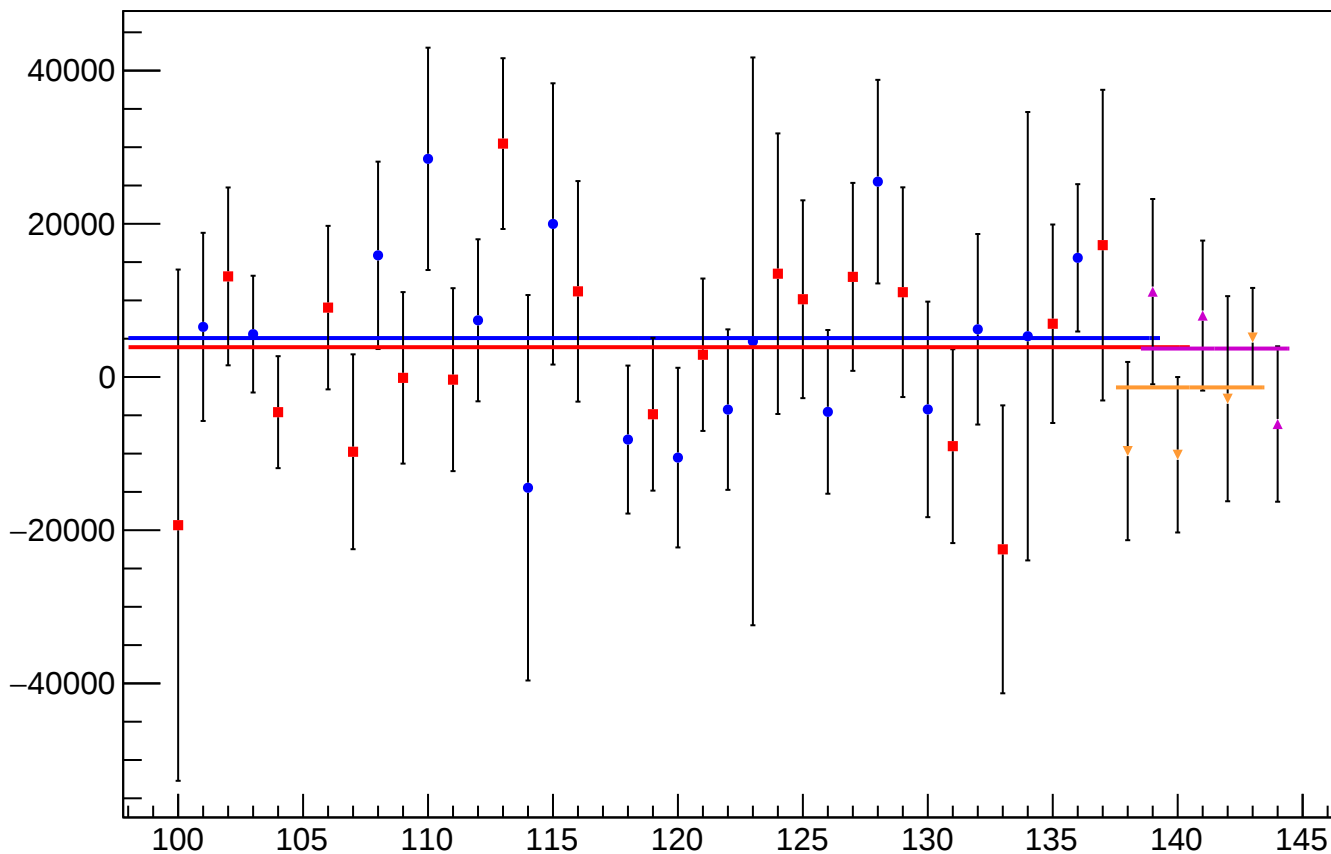
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 7613.687+/-1.816 χ^2/NDF : 742521.8/19

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

All: 6619.757+/-1.133 χ^2/NDF : 3746892.3/42

asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3713.410+/-6087.688 χ^2/NDF : 1.5/2

Left: 504.363+/-3688.965 χ^2/NDF : 4.2/6

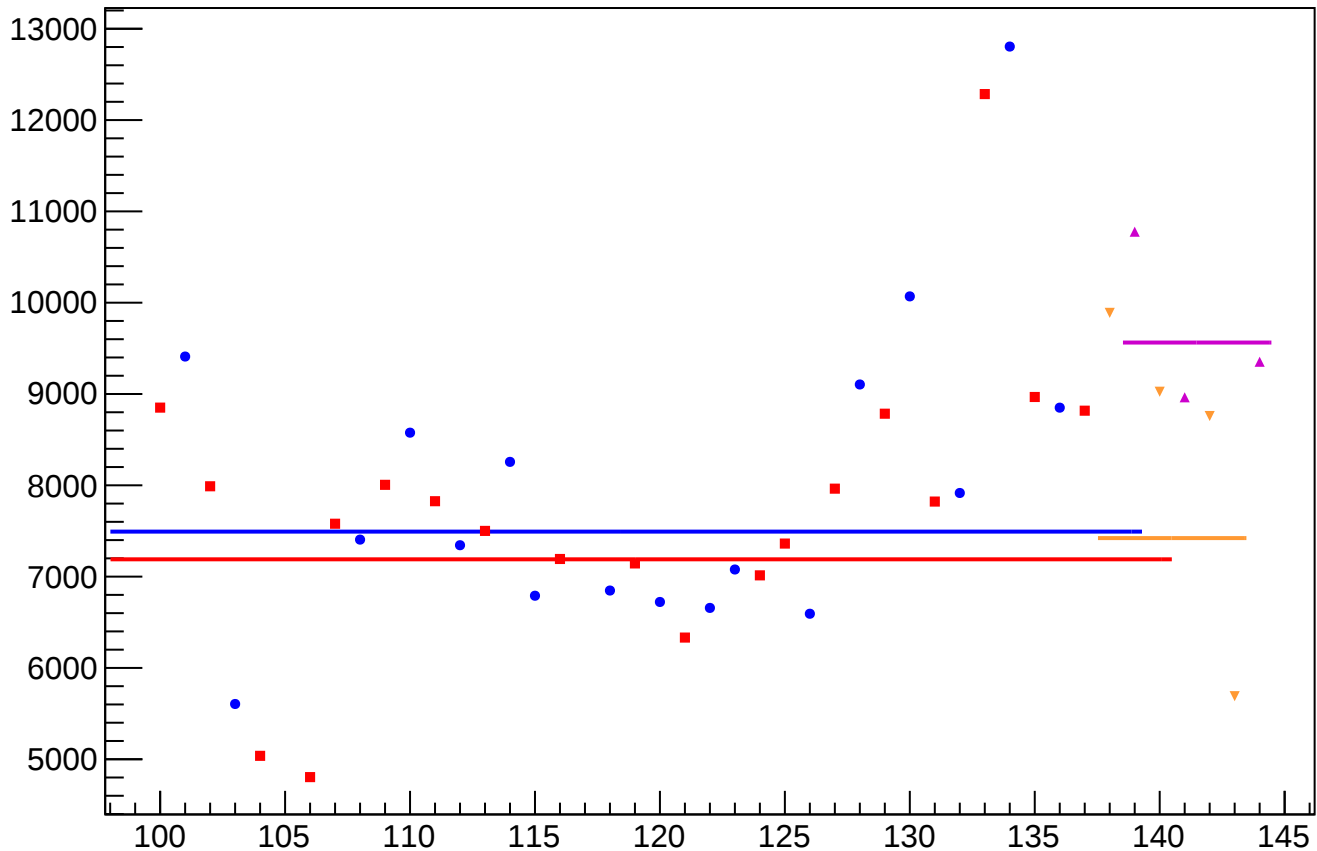
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 4823.116+/-2658.547 χ^2/NDF : 15.5/19

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

All: 3536.858+/-1777.717 χ^2/NDF : 34.8/42

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

Left In: 9563.495 $\pm$ 4.305 χ^2/NDF :28508.4/2

Left: 8208.319 $\pm$ 2.608 χ^2/NDF : 487713.7/6

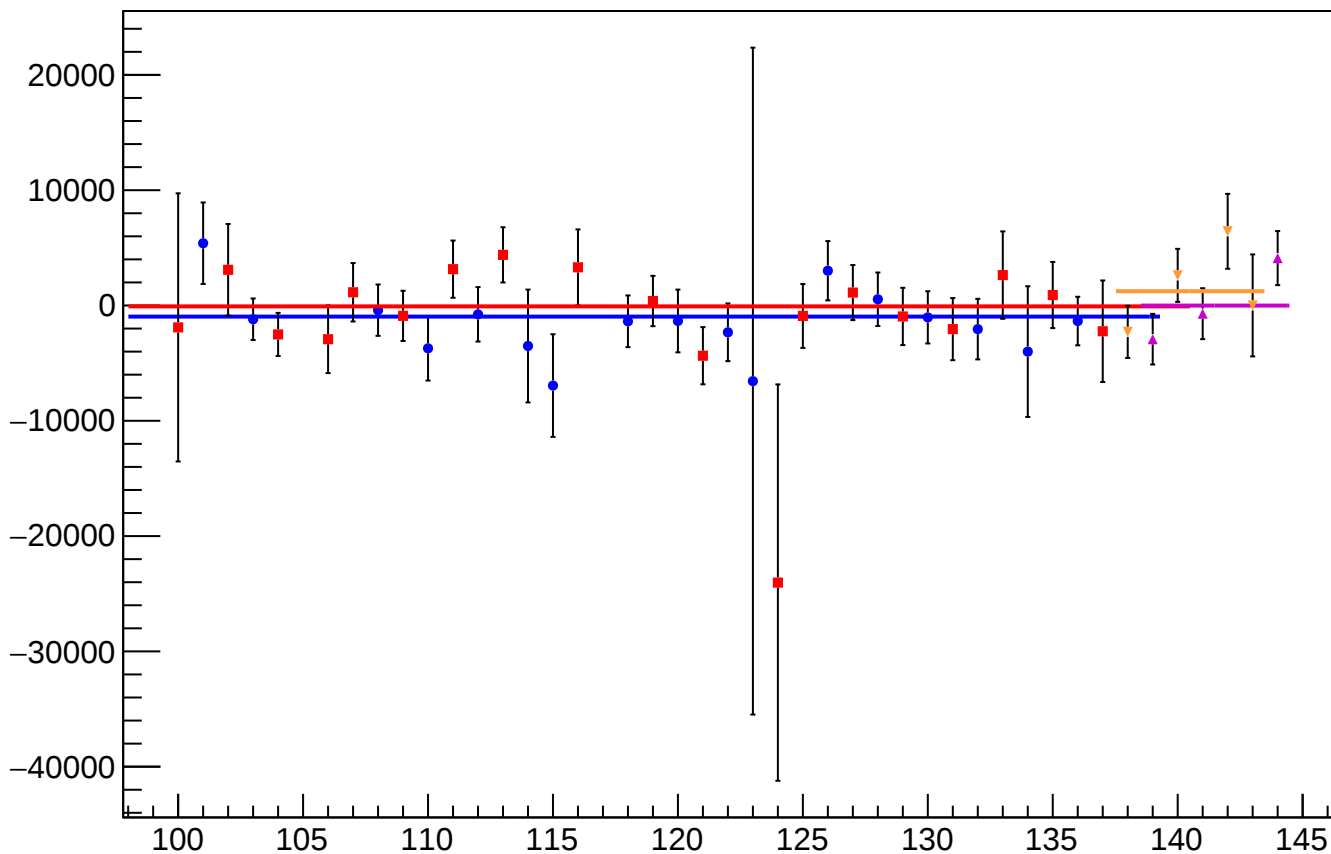
Right: 7332.491 $\pm$ 1.434 χ^2/NDF : 1009125.7/35

In: 7887.791 $\pm$ 1.880 χ^2/NDF :652839.3/19

Out: 7251.274 $\pm$ 1.690 χ^2/NDF :867166.8/22

All: 7535.858 $\pm$ 1.257 χ^2/NDF : 1583397.3/42

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -7.180+/-1296.857 χ^2/NDF :4.9/2

Left: 580.739+/-942.925 χ^2/NDF : 10.8/6

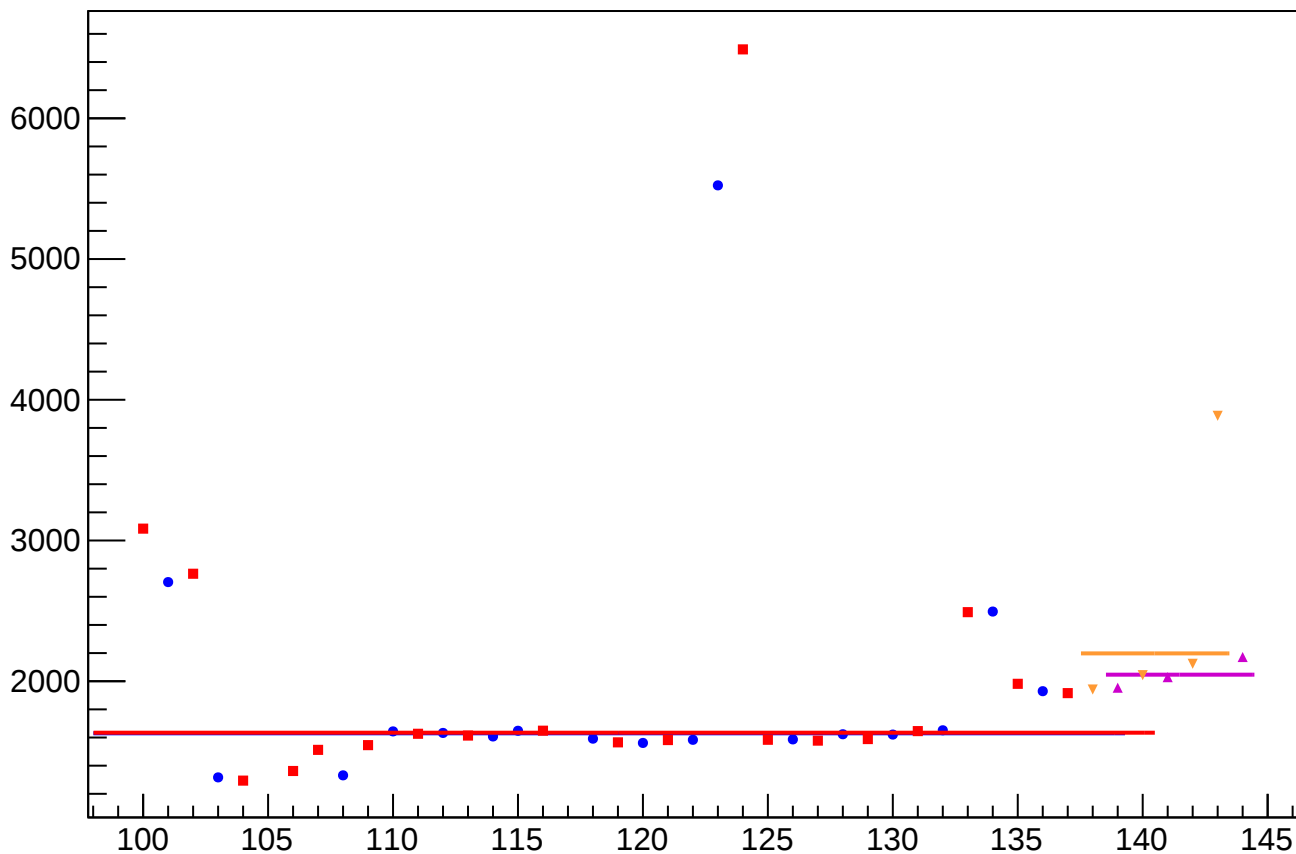
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -774.014+/-576.096 χ^2/NDF :15.5/19

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

All: -309.186+/-407.059 χ^2/NDF : 39.7/42

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 2046.590+/-0.917 χ^2/NDF : 9416.0/2

Left: 2117.853+/-0.667 χ^2/NDF : 349495.3/6

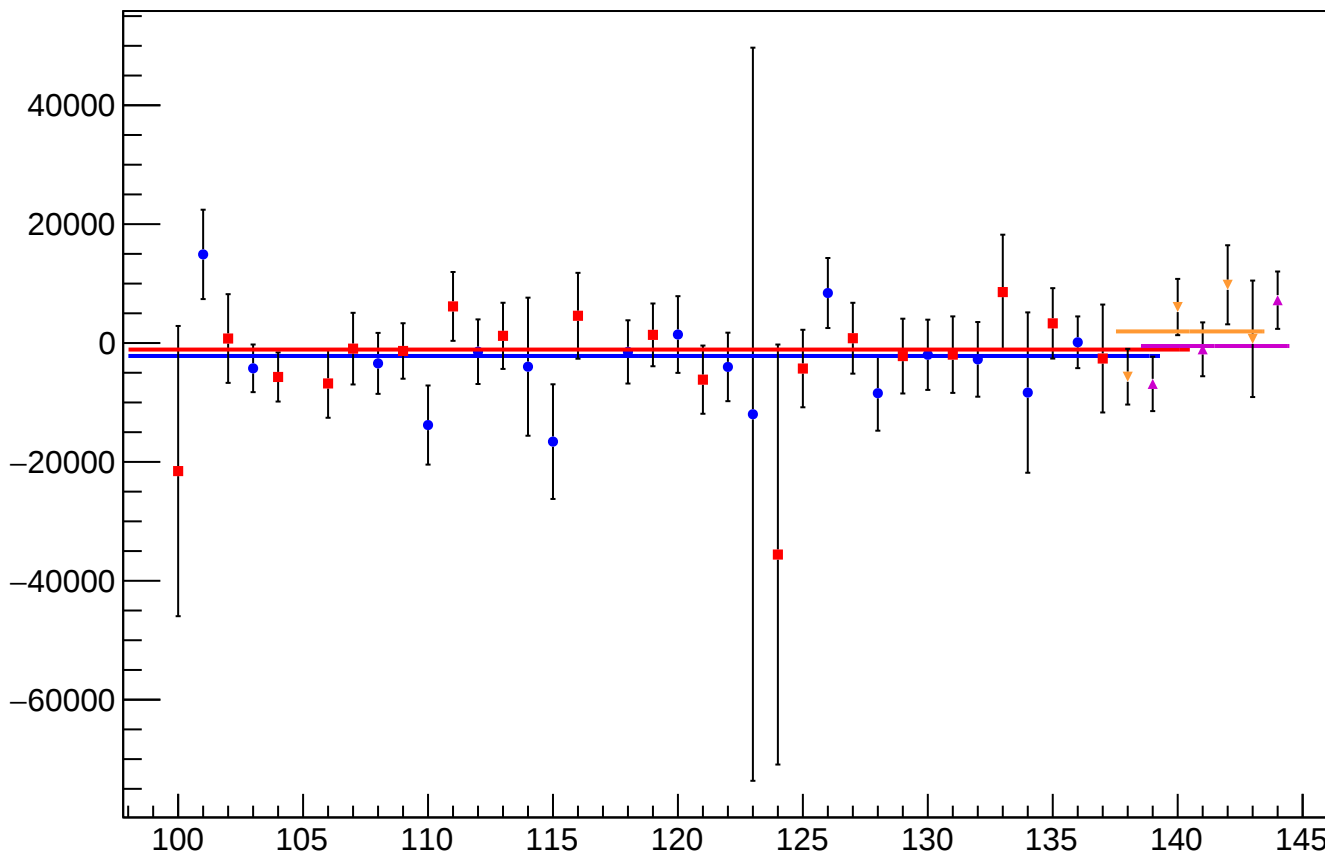
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1712.171+/-0.407 χ^2/NDF : 583257.0/19

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

All: 1722.657+/-0.288 χ^2/NDF : 1778128.7/42

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -501.802+/-2678.846 χ^2/NDF : 4.5/2

Left: 650.266+/-1951.430 χ^2/NDF : 9.7/6

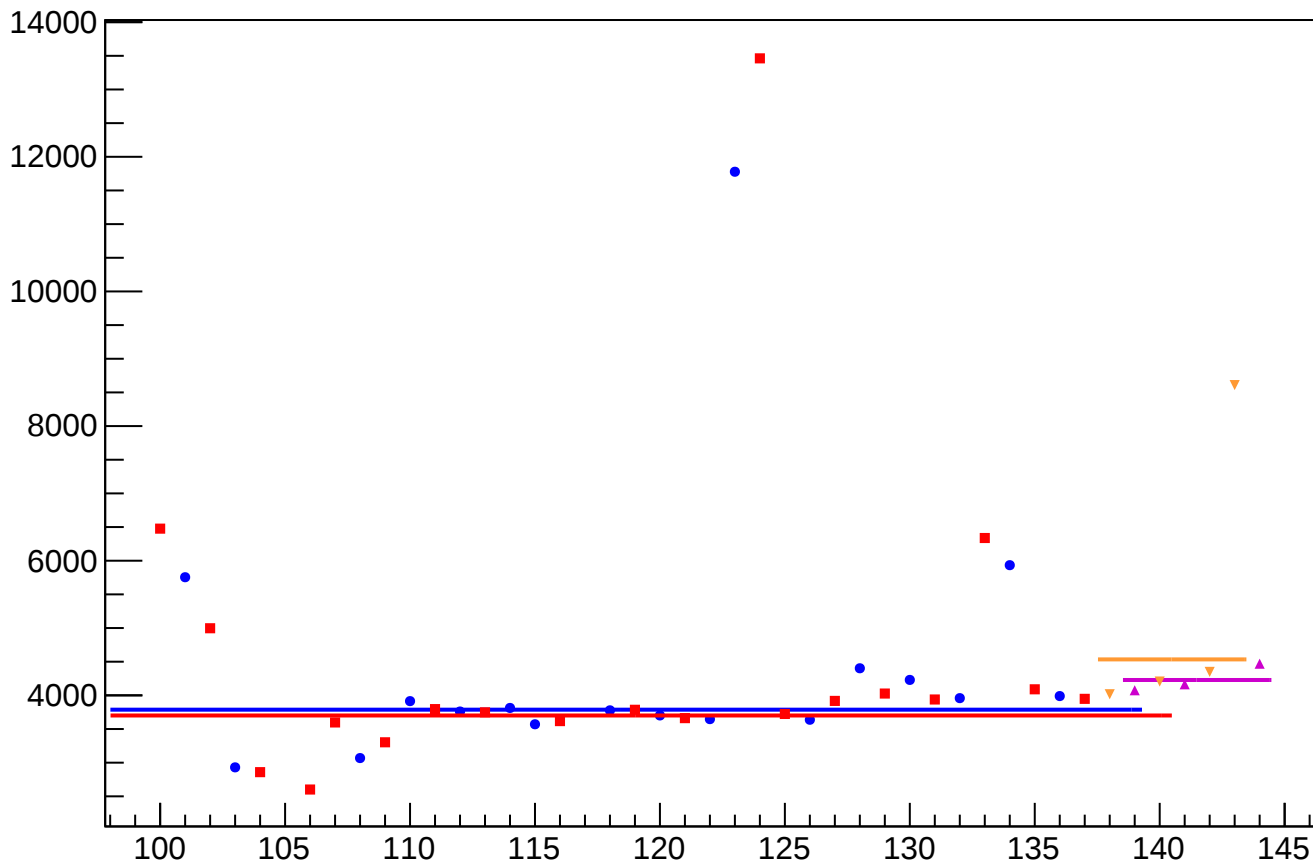
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1781.680+/-1304.151 χ^2/NDF : 20.8/19

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

All: -1119.888+/-915.323 χ^2/NDF : 36.3/42

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4228.210+/-1.894 χ^2/NDF : 7646.5/2

Left: 4371.754+/-1.380 χ^2/NDF : 401495.1/6

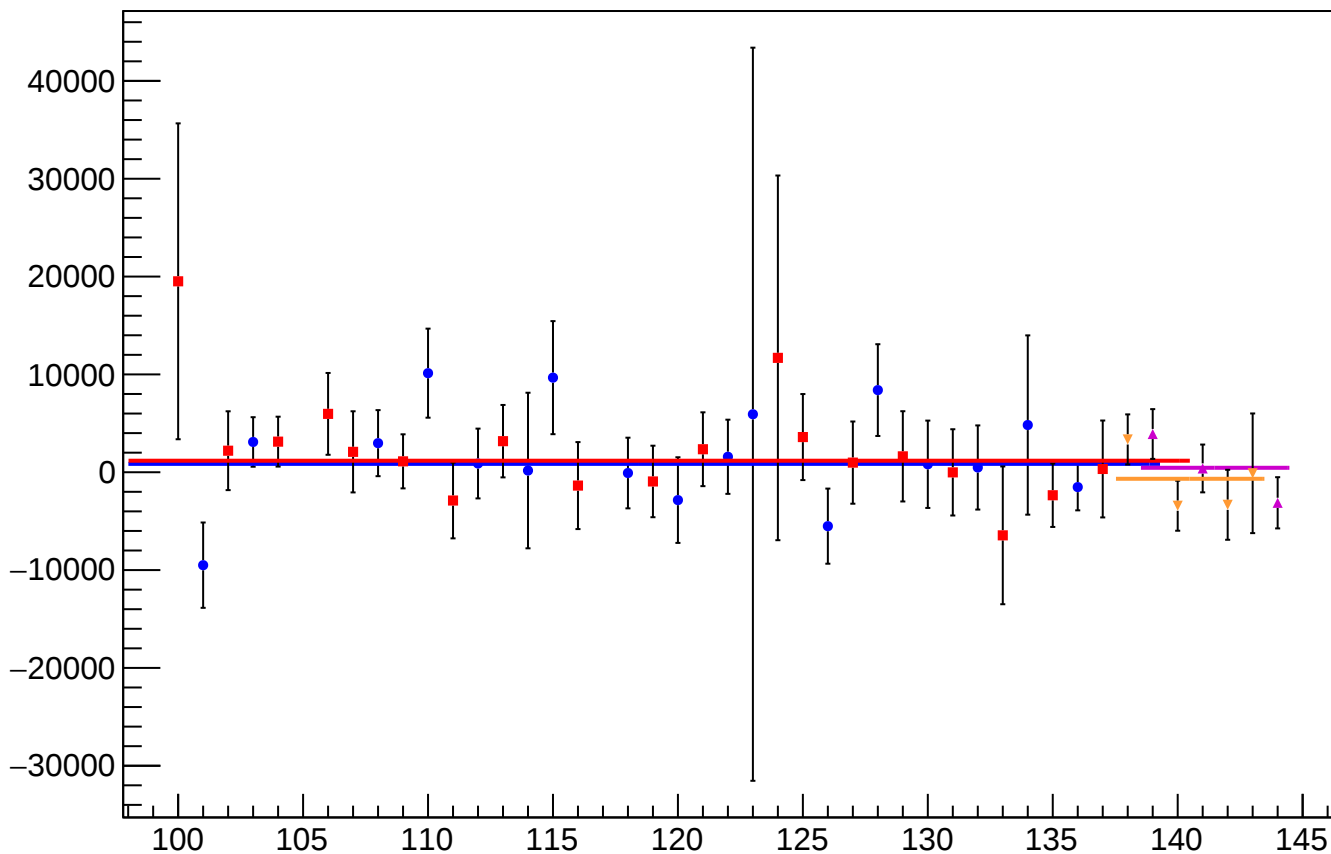
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3891.799+/-0.922 χ^2/NDF : 441635.5/19

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

All: 3880.978+/-0.647 χ^2/NDF : 1540889.2/42

asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 455.735 ± 1461.382 χ^2/NDF : 3.7/2

Left: -69.635 ± 1066.733 χ^2/NDF : 8.2/6

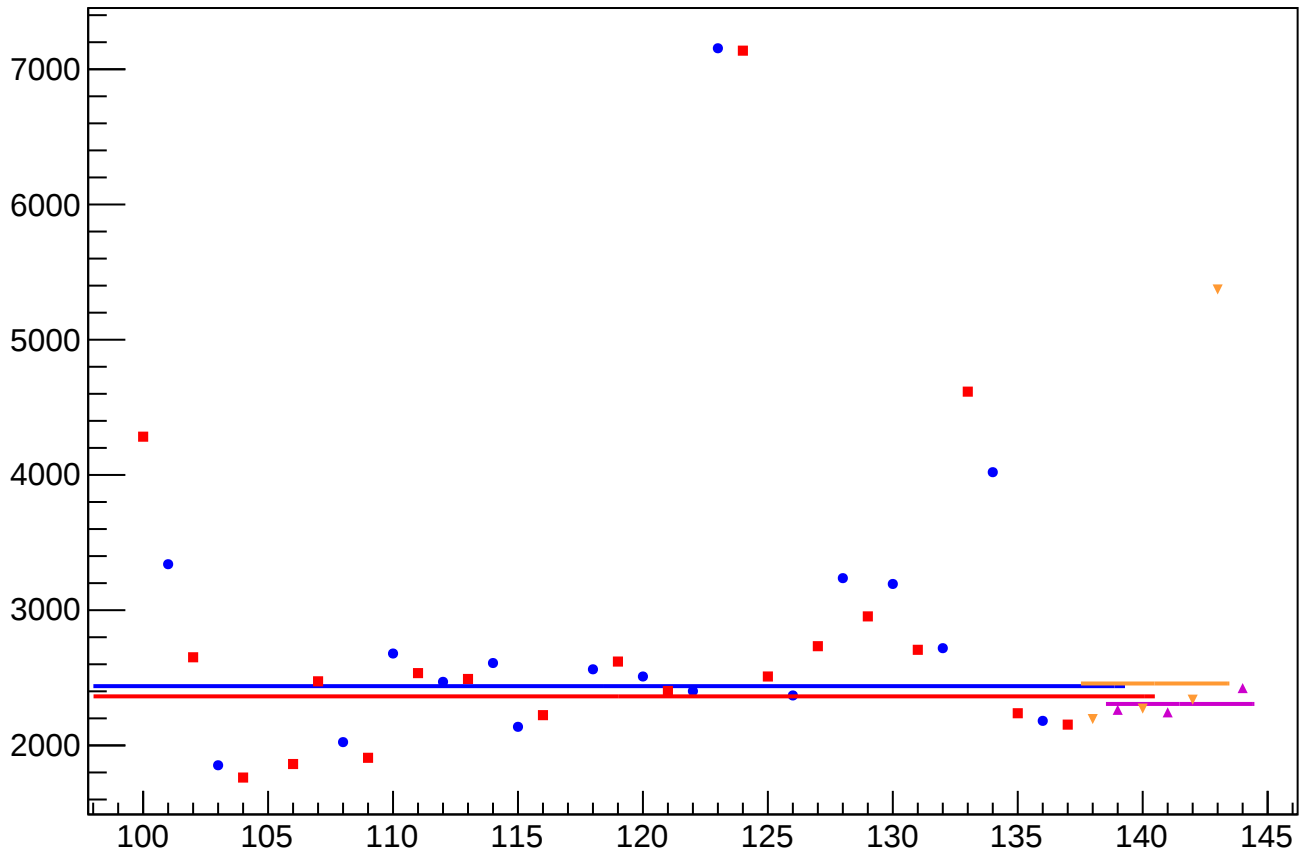
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

In: 734.638 ± 805.125 χ^2/NDF : 24.4/19

Out: 697.416 ± 796.162 χ^2/NDF : 13.8/22

All: 715.819 ± 566.114 χ^2/NDF : 38.2/42

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

Left In: 2306.655+/-1.033 χ^2/NDF : 5894.1/2

Left: 2377.296+/-0.754 χ^2/NDF : 503821.9/6

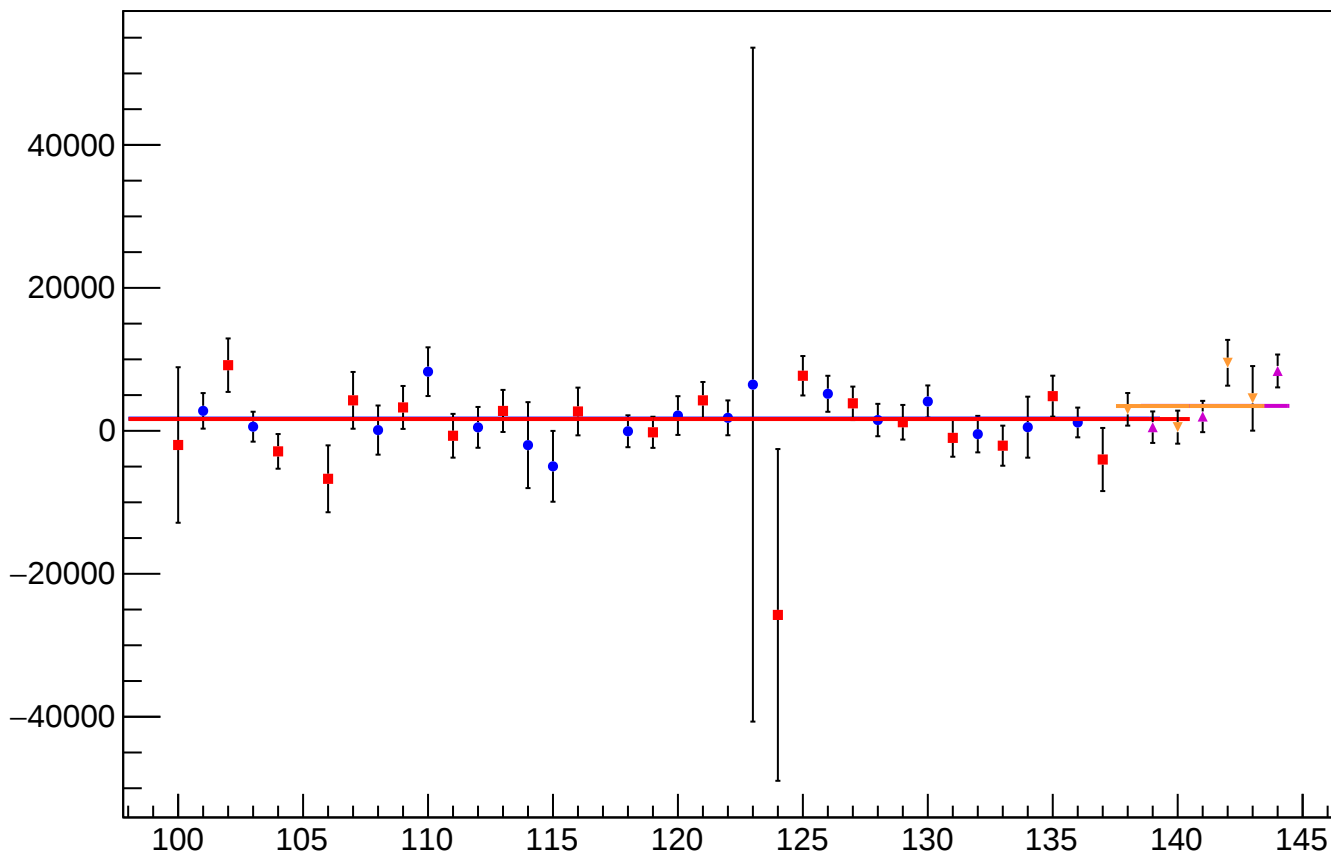
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

In: 2398.325+/-0.569 χ^2/NDF : 493916.8/19

Out: 2387.494+/-0.563 χ^2/NDF : 1150946.3/22

All: 2392.849+/-0.400 χ^2/NDF : 1645046.0/42

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3489.708+/-1286.740 χ^2/NDF : 6.8/2

Left: 3480.945+/-940.671 χ^2/NDF : 12.1/6

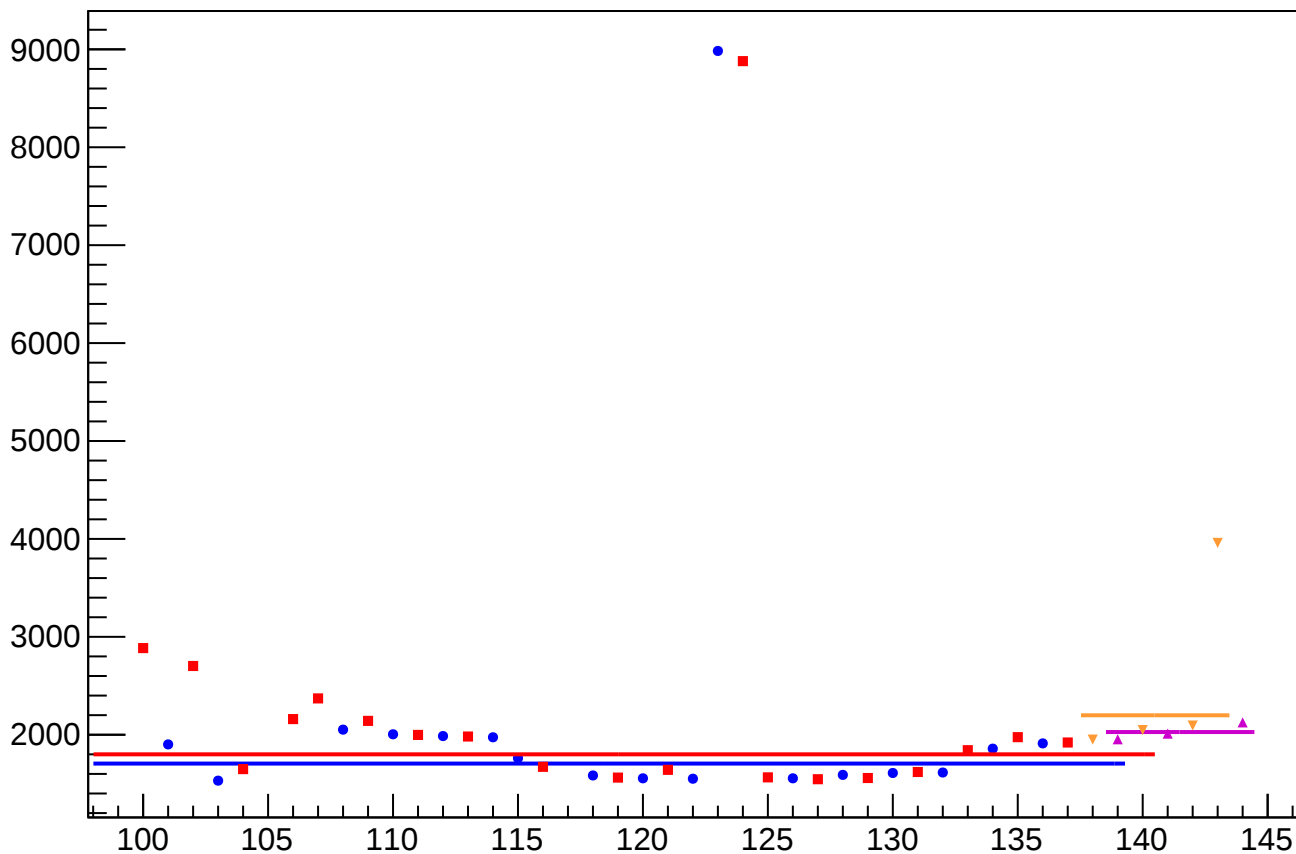
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 2089.084+/-592.274 χ^2/NDF : 19.7/19

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

All: 2055.552+/-428.297 χ^2/NDF : 53.3/42

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 2027.645+/-0.910 χ^2/NDF : 6033.5/2

Left: 2107.288+/-0.665 χ^2/NDF : 360573.4/6

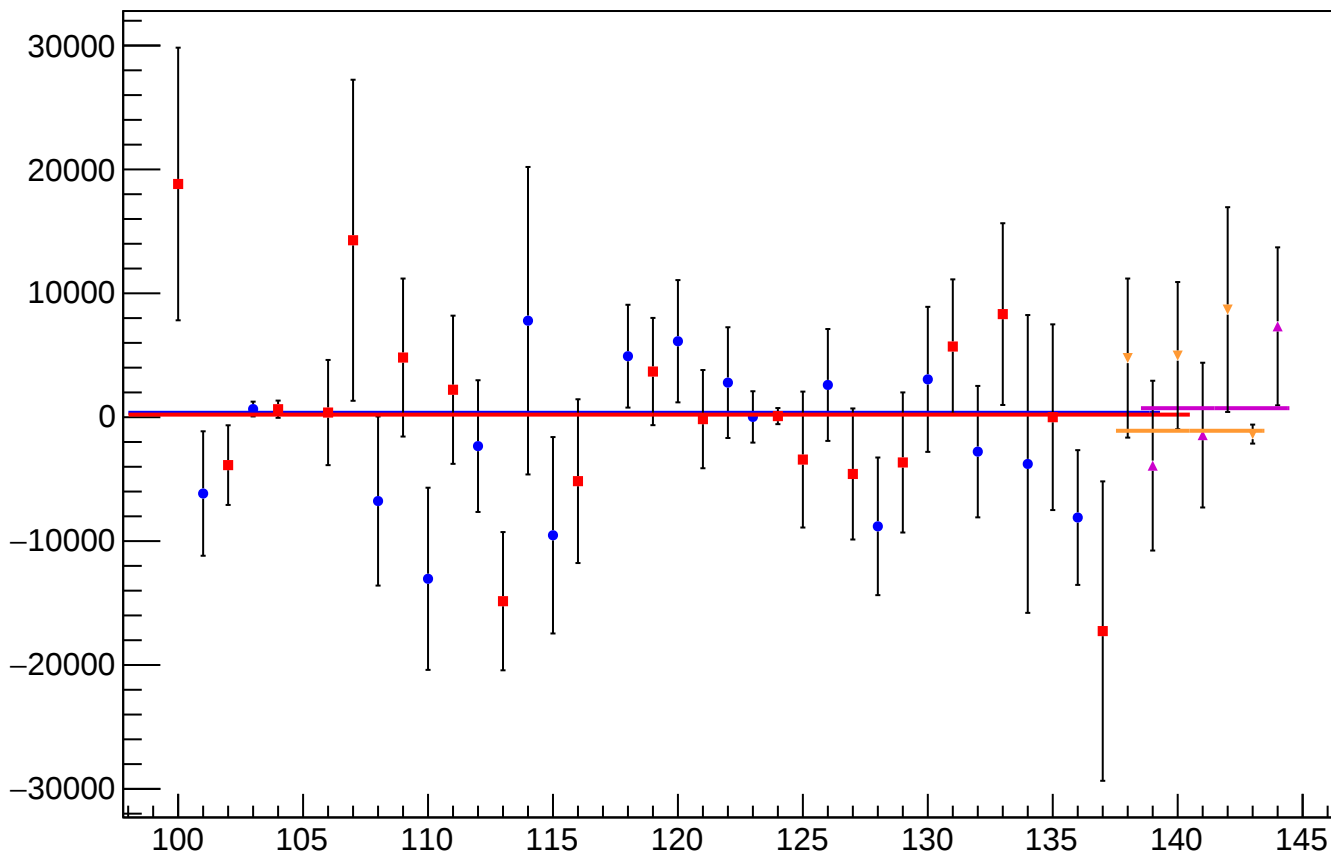
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1773.850+/-0.419 χ^2/NDF : 298930.1/19

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

All: 1824.763+/-0.303 χ^2/NDF : 1340279.7/42

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 728.699+/-3646.792 χ^2/NDF : 1.7/2

Left: -1019.785+/-735.970 χ^2/NDF : 5.3/6

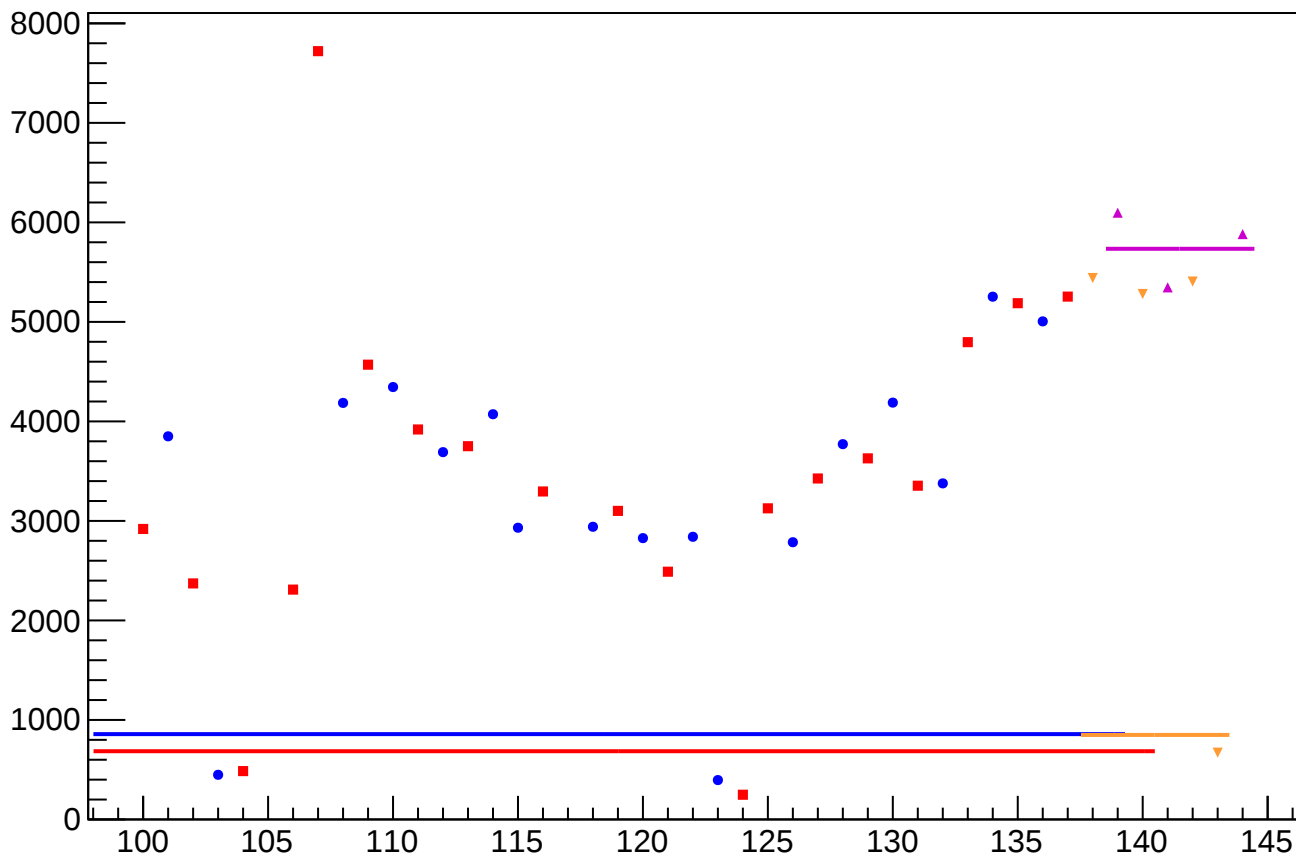
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

In: 364.804+/-527.599 χ^2/NDF : 19.2/19

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

All: 40.988+/-310.436 χ^2/NDF : 46.8/42

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5734.634+/-2.579 χ^2/NDF : 15477.1/2

Left: 1048.347+/-0.520 χ^2/NDF : 6310644.5/6

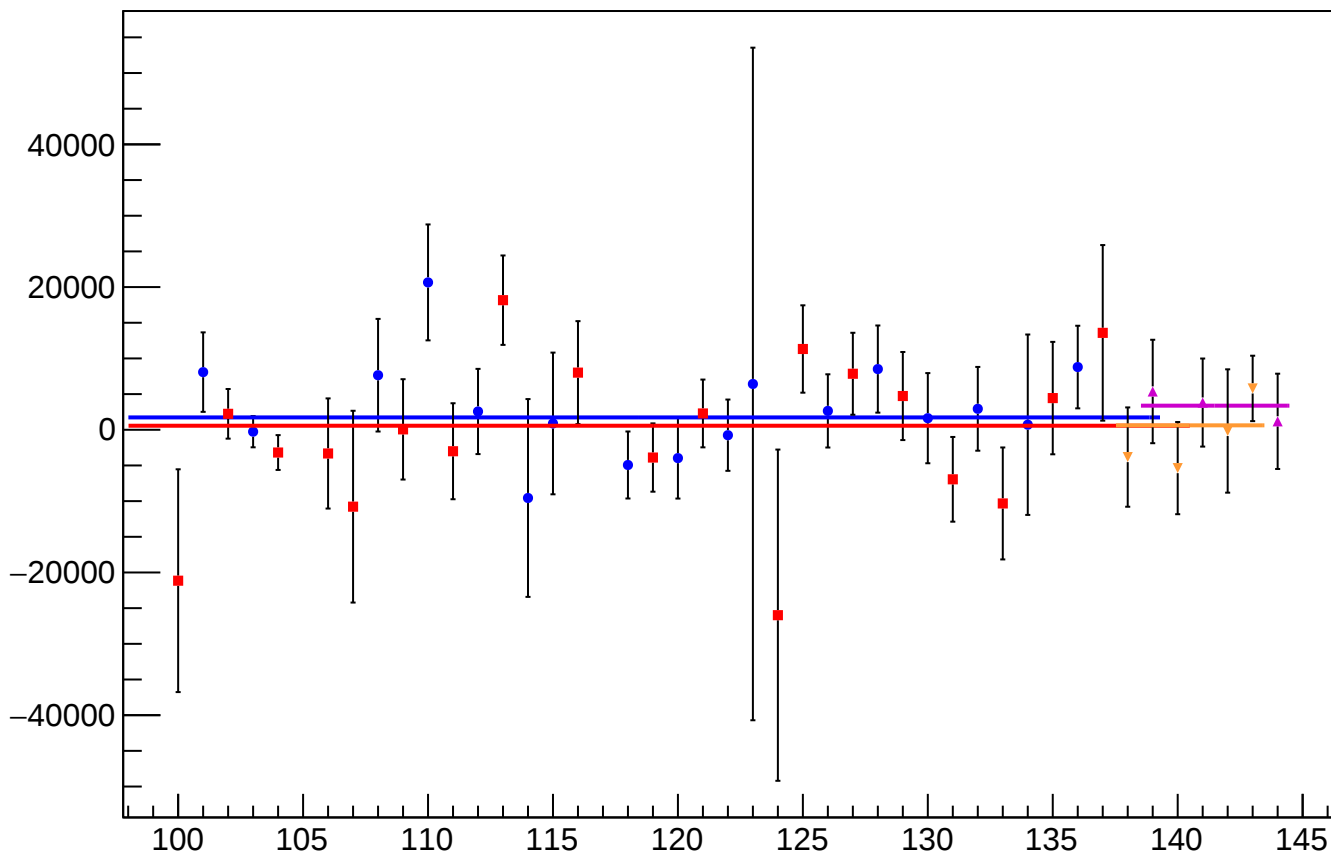
Right: 756.584+/-0.242 χ^2/NDF : 17758209.4/35

In: 959.555+/-0.373 χ^2/NDF : 11693057.2/19

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

All: 808.494+/-0.220 χ^2/NDF : 24327248.8/42

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3379.508+/-3842.914 χ^2/NDF : 0.2/2

Left: 1699.929+/-2402.298 χ^2/NDF : 3.1/6

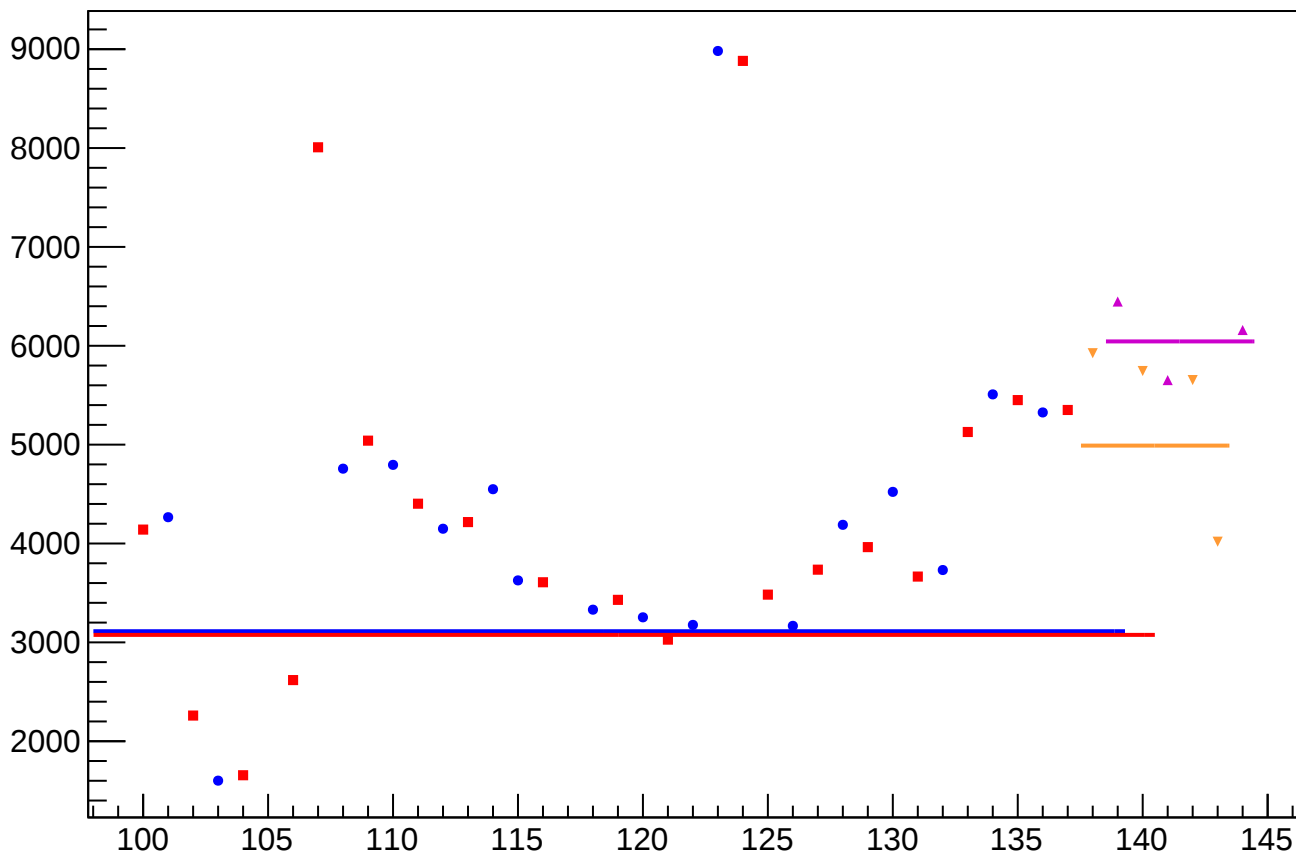
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1903.394+/-1235.360 χ^2/NDF : 15.3/19

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

All: 1212.766+/-855.858 χ^2/NDF : 45.5/42

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: 3075.702±0.896 χ^2/NDF : 2011000.5/18

Left In: 6044.111±2.717 χ^2/NDF :14830.2/2

Left: 5402.090±1.699 χ^2/NDF : 271447.2/6

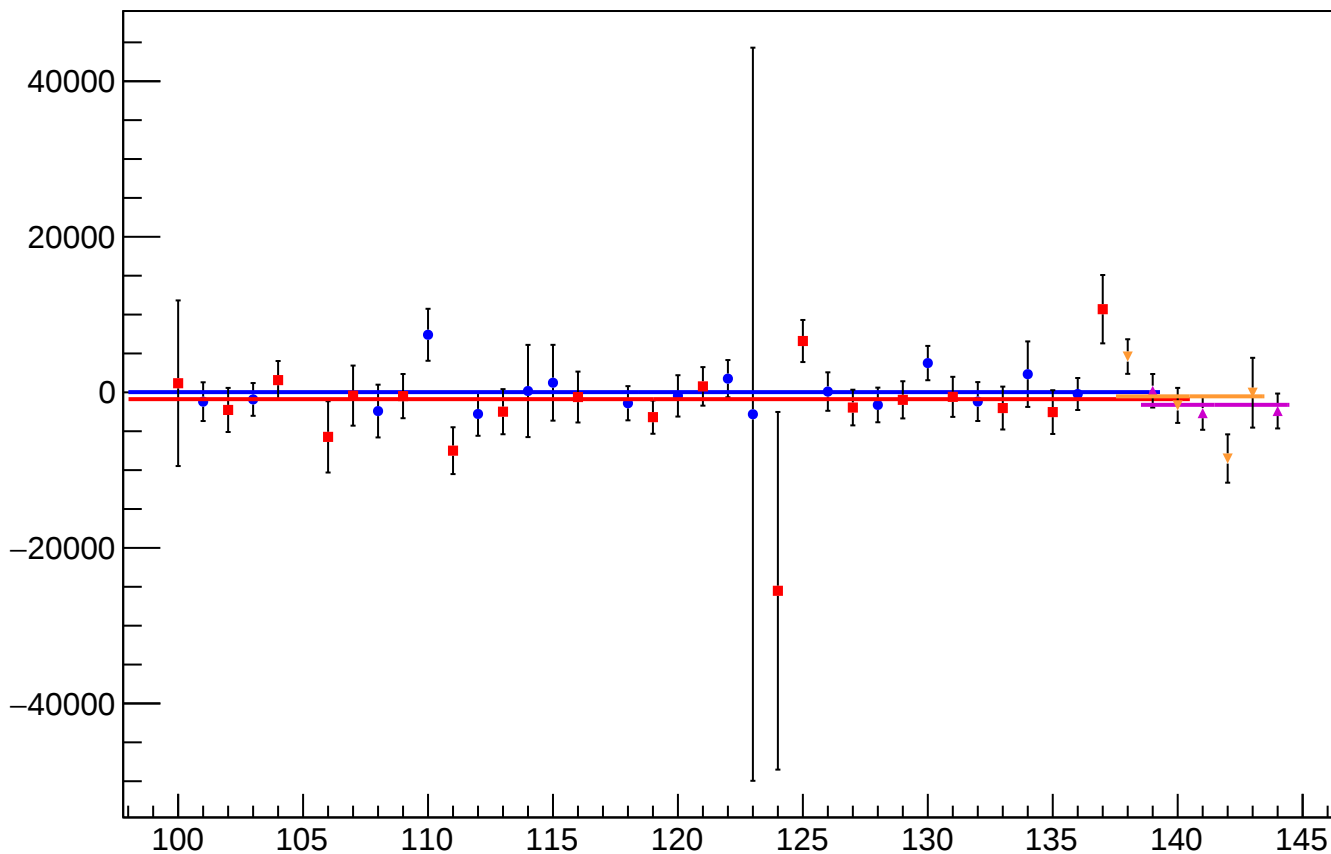
Right: 3093.663±0.643 χ^2/NDF : 3896339.1/35

In: 3415.615±0.874 χ^2/NDF :2942847.4/19

Out: 3353.391±0.829 χ^2/NDF :2837651.7/22

All: 3382.871±0.601 χ^2/NDF : 5783169.3/42

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1605.477 ± 1257.688 $\chi^2/\text{NDF}: 1.1/2$

Left: -1095.934 ± 918.700 $\chi^2/\text{NDF}: 13.6/6$

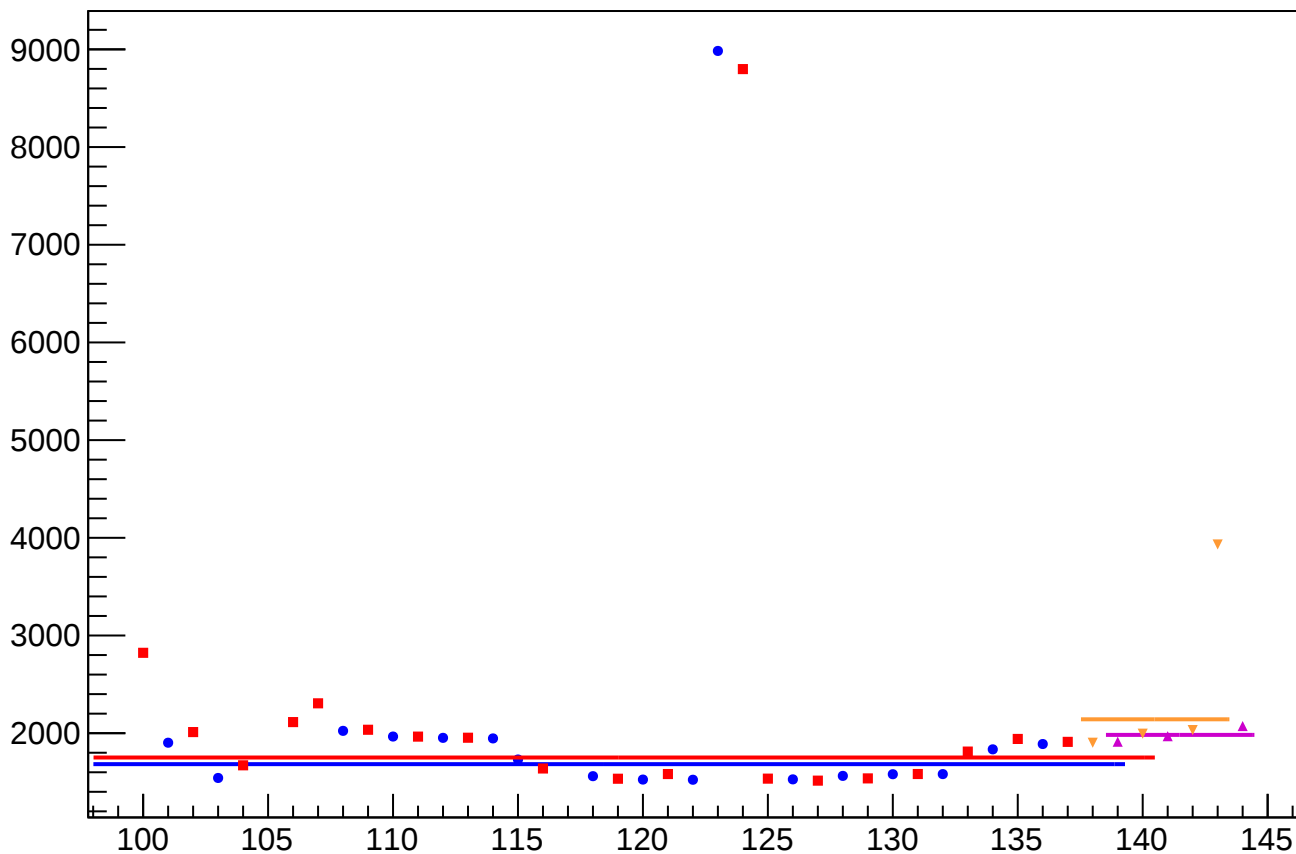
Right: -412.596 ± 470.731 $\chi^2/\text{NDF}: 38.4/35$

In: -322.503 ± 583.308 $\chi^2/\text{NDF}: 14.2/19$

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

All: -554.694 ± 418.938 $\chi^2/\text{NDF}: 52.5/42$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1982.636+/-0.889 χ^2/NDF : 5431.5/2

Left: 2057.027+/-0.650 χ^2/NDF : 372932.0/6

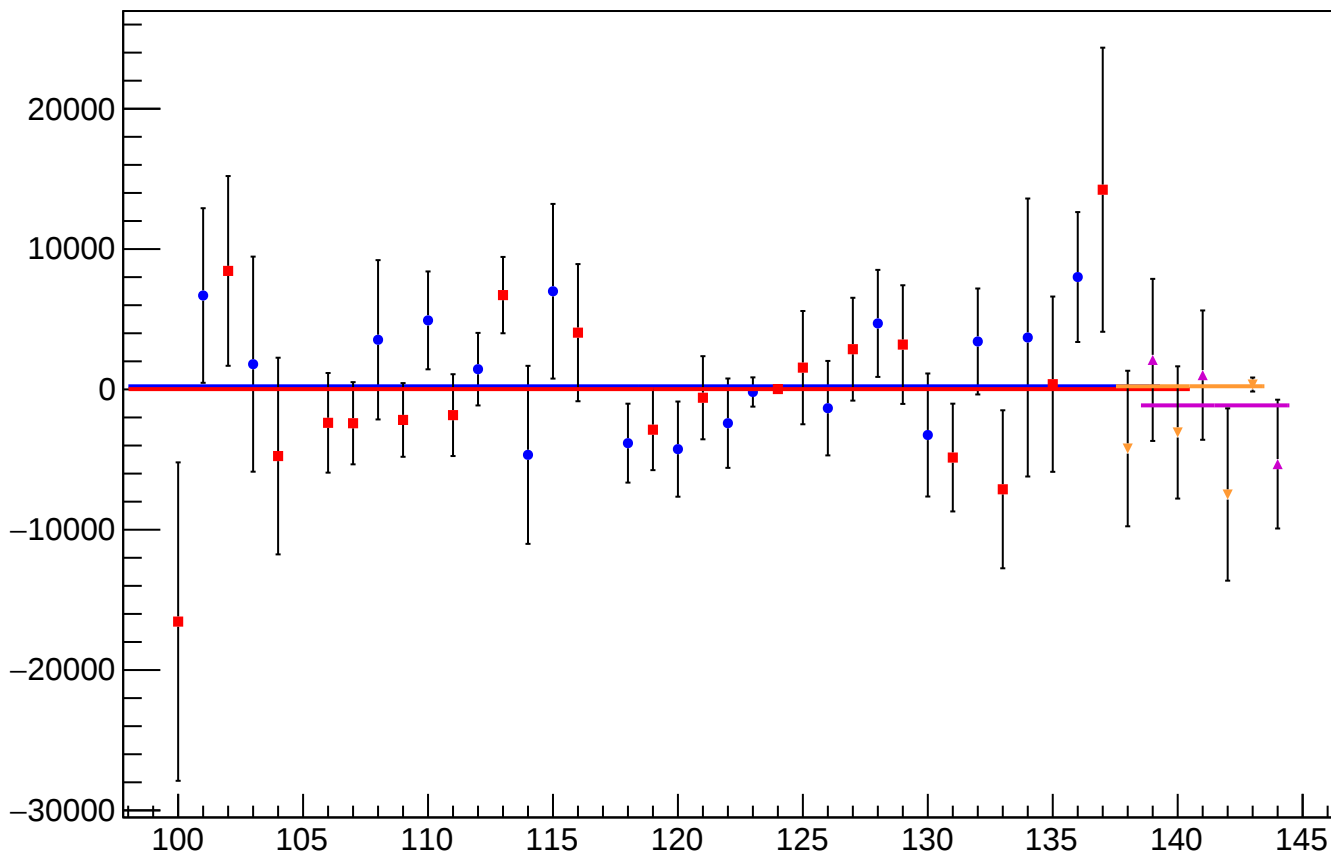
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1747.550+/-0.412 χ^2/NDF : 290316.3/19

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

All: 1787.128+/-0.296 χ^2/NDF : 1224138.2/42

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

Left In: -1138.660 $\pm$ 2833.345 χ^2 /NDF:1.4/2

Left: 183.611 $\pm$ 485.634 χ^2 /NDF: 4.4/6

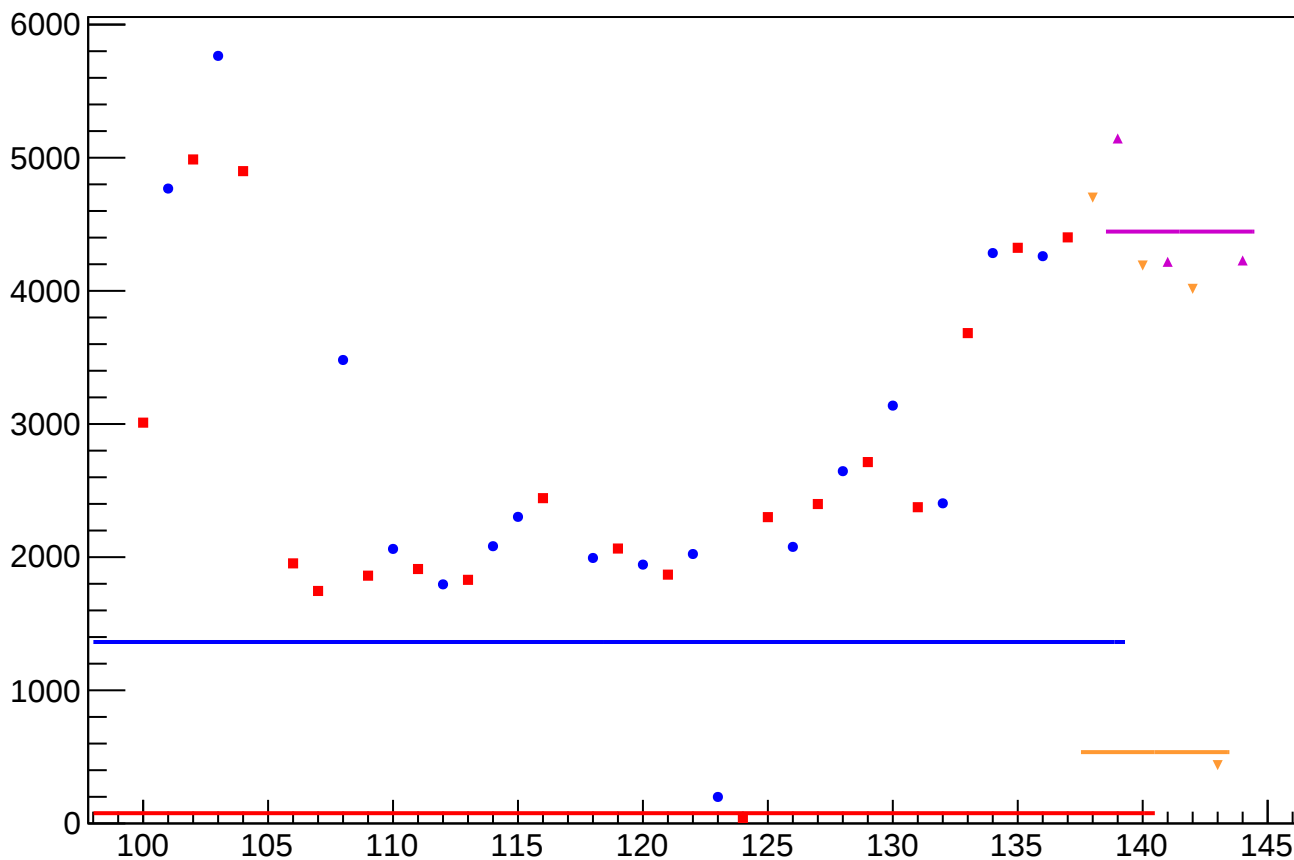
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 137.209 $\pm$ 698.655 χ^2 /NDF:17.4/19

Out: 30.615 $\pm$ 111.188 χ^2 /NDF:23.6/22

All: 33.248 $\pm$ 109.806 χ^2 /NDF: 41.1/42

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4445.217 $\pm$ 2.003 χ^2/NDF : 38651.8/2

Left: 650.602 $\pm$ 0.343 χ^2/NDF : 6785743.7/6

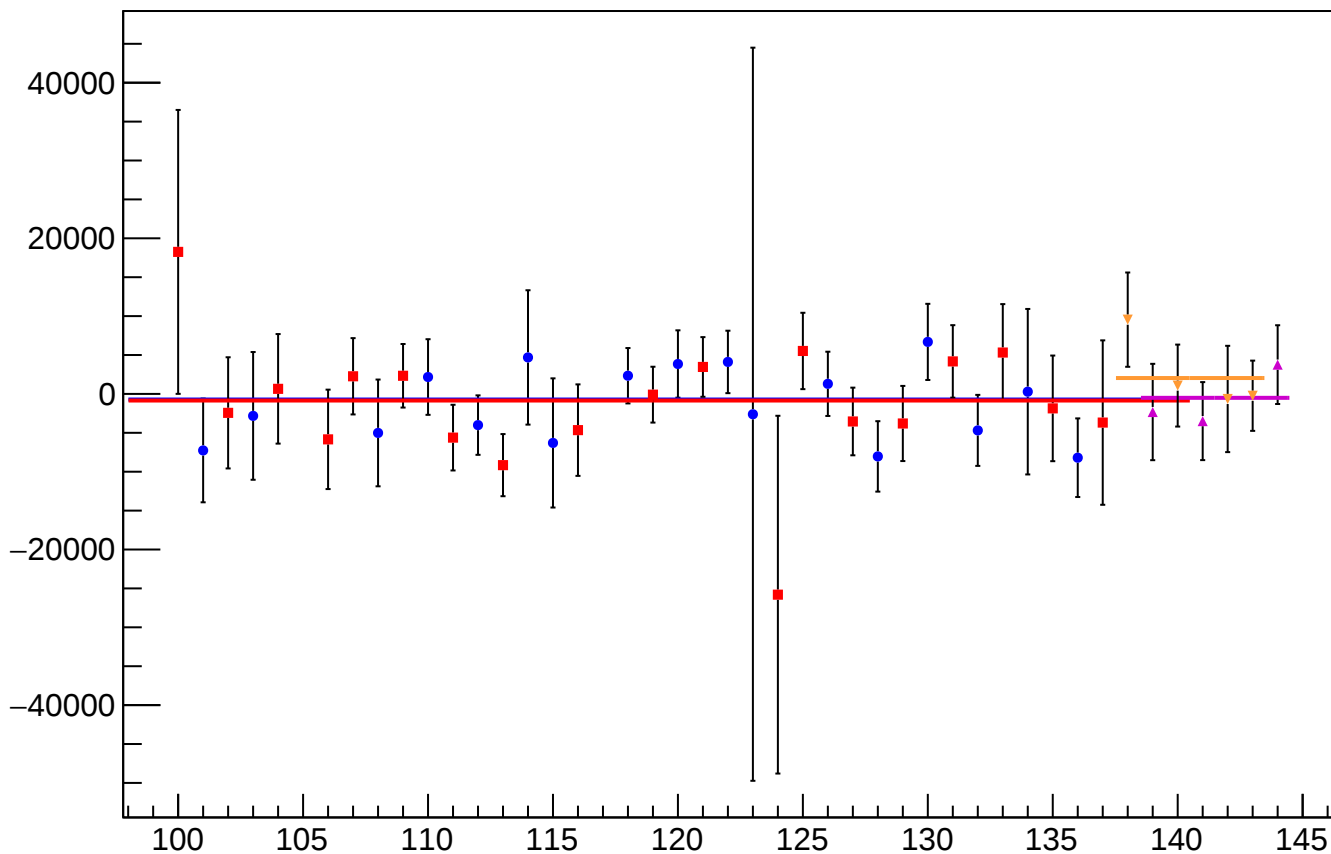
Right: 108.564 $\pm$ 0.080 χ^2/NDF : 25689718.3/35

In: 1550.260 $\pm$ 0.494 χ^2/NDF : 8497595.8/19

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

All: 136.276 $\pm$ 0.078 χ^2/NDF : 34839638.5/42

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 2040.693+/-2734.071 χ^2/NDF : 2.0/3

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

Left In: -503.974+/-3087.552 χ^2/NDF : 1.2/2

Left: 922.300+/-2046.896 χ^2/NDF : 3.5/6

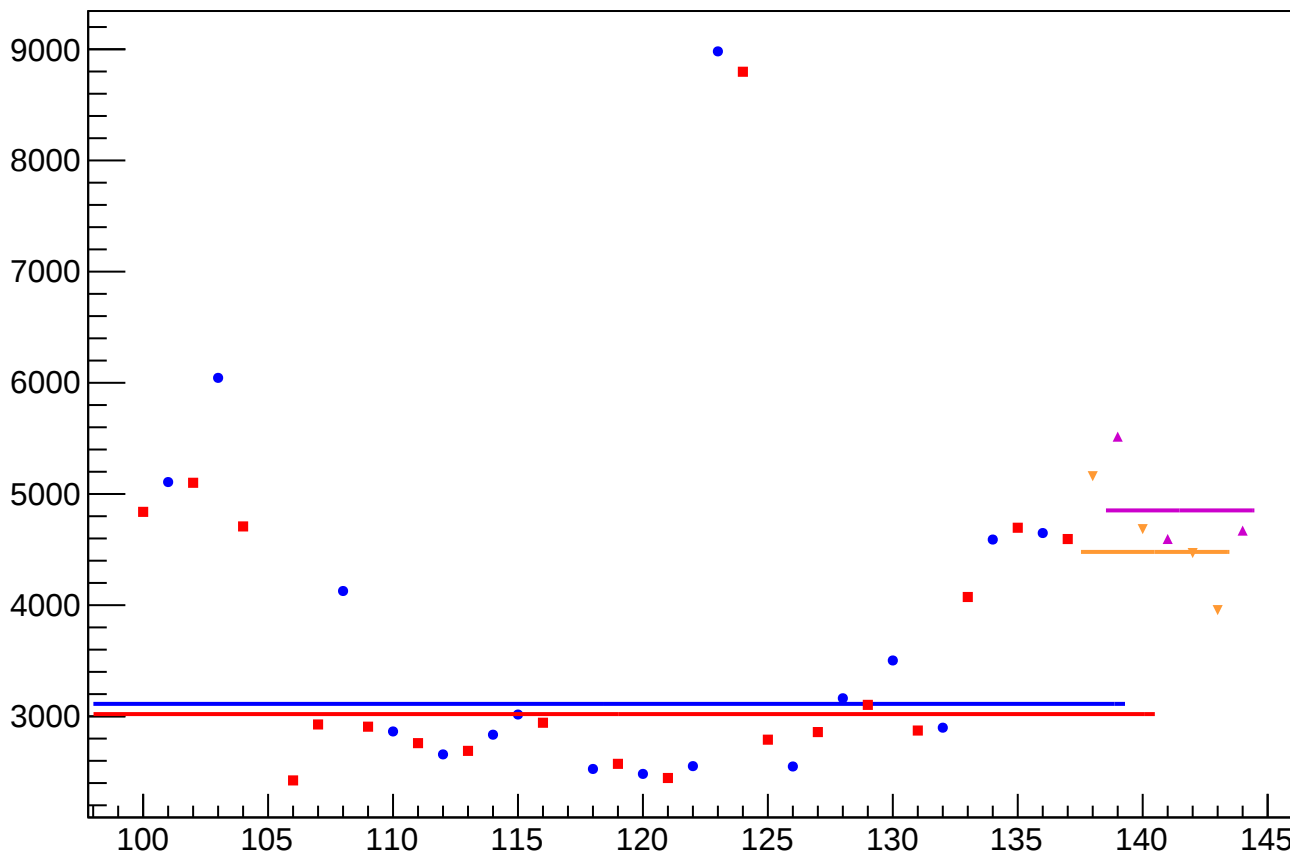
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -690.746+/-1160.653 χ^2/NDF : 15.9/19

Out: -388.230+/-1092.597 χ^2/NDF : 18.9/22

All: -530.360+/-795.554 χ^2/NDF : 34.9/42

asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4852.283+/-2.183 χ^2/NDF : 30783.6/2

Left: 4643.064+/-1.447 χ^2/NDF : 102354.2/6

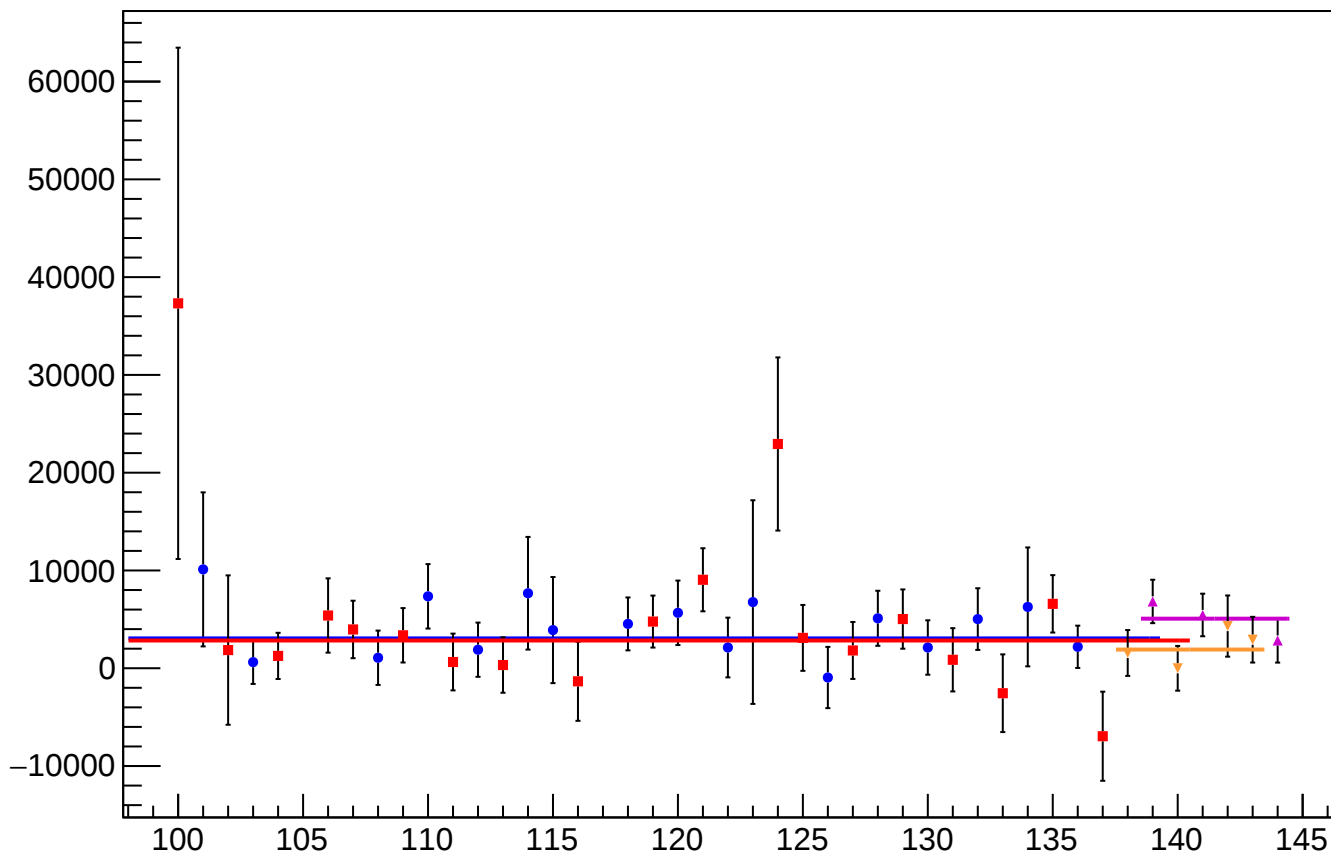
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3358.118+/-0.821 χ^2/NDF : 1534740.2/19

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

All: 3299.390+/-0.559 χ^2/NDF : 2873958.0/42

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 5070.030+/-1280.677 χ^2/NDF :1.6/2

Left: 3430.307+/-888.127 χ^2/NDF : 6.3/6

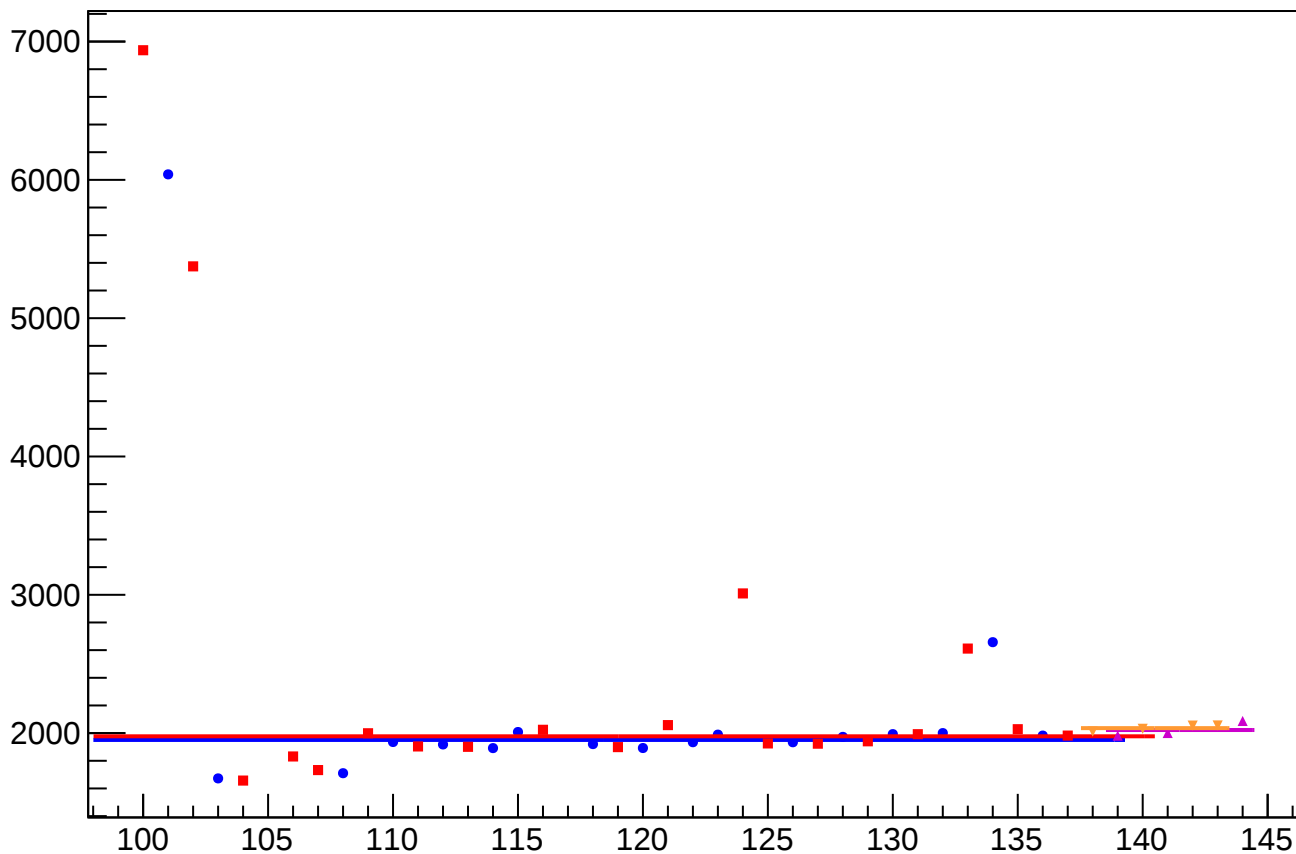
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3588.047+/-661.366 χ^2/NDF :12.8/19

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

All: 3075.905+/-463.784 χ^2/NDF : 39.6/42

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 2022.476+/-0.906 χ^2/NDF :2554.9/2

Left: 2029.542+/-0.628 χ^2/NDF : 3114.7/6

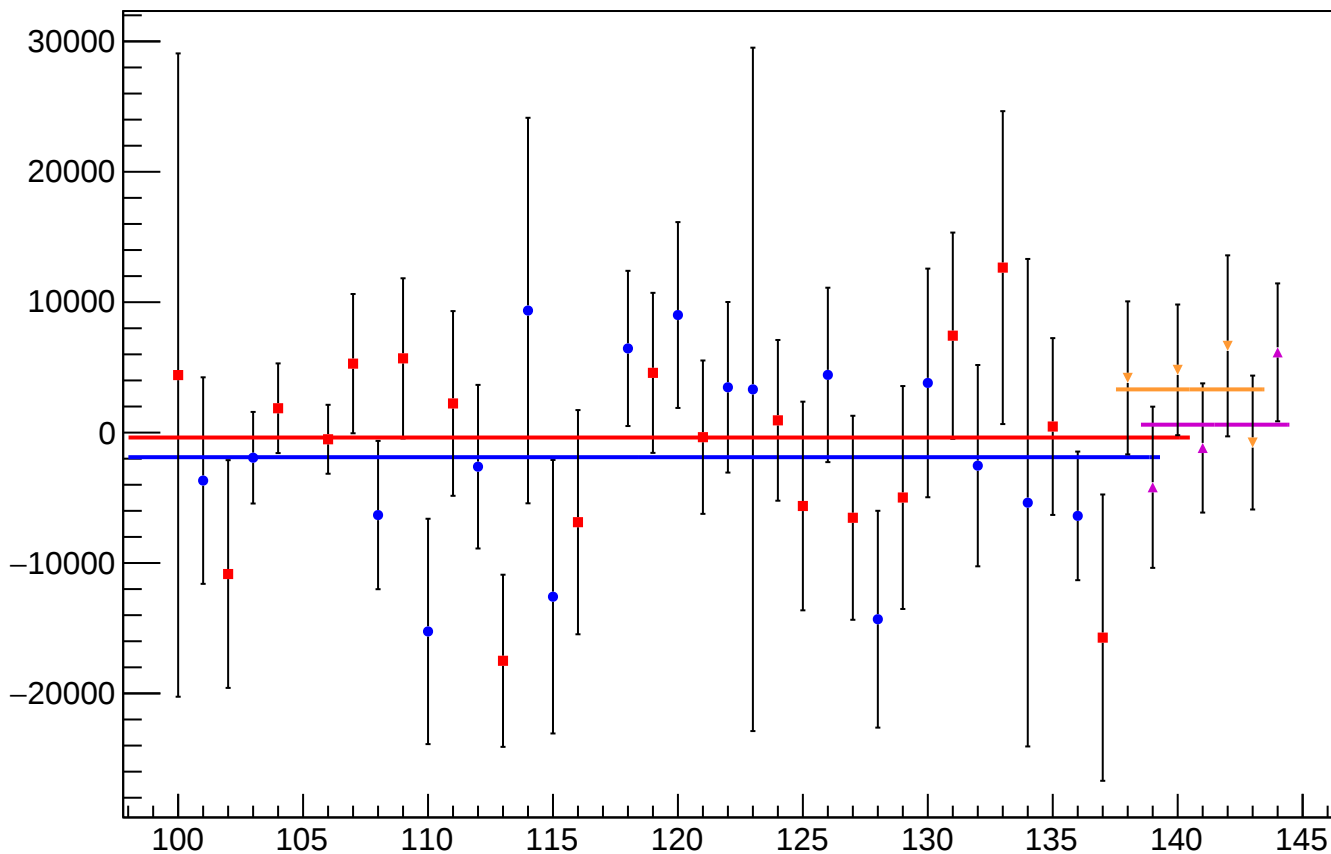
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1969.836+/-0.468 χ^2/NDF :622328.1/19

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

All: 1981.832+/-0.328 χ^2/NDF : 1235089.9/42

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 607.086+/-3120.803 χ^2/NDF : 1.8/2

Left: 2106.608+/-2083.965 χ^2/NDF : 3.2/6

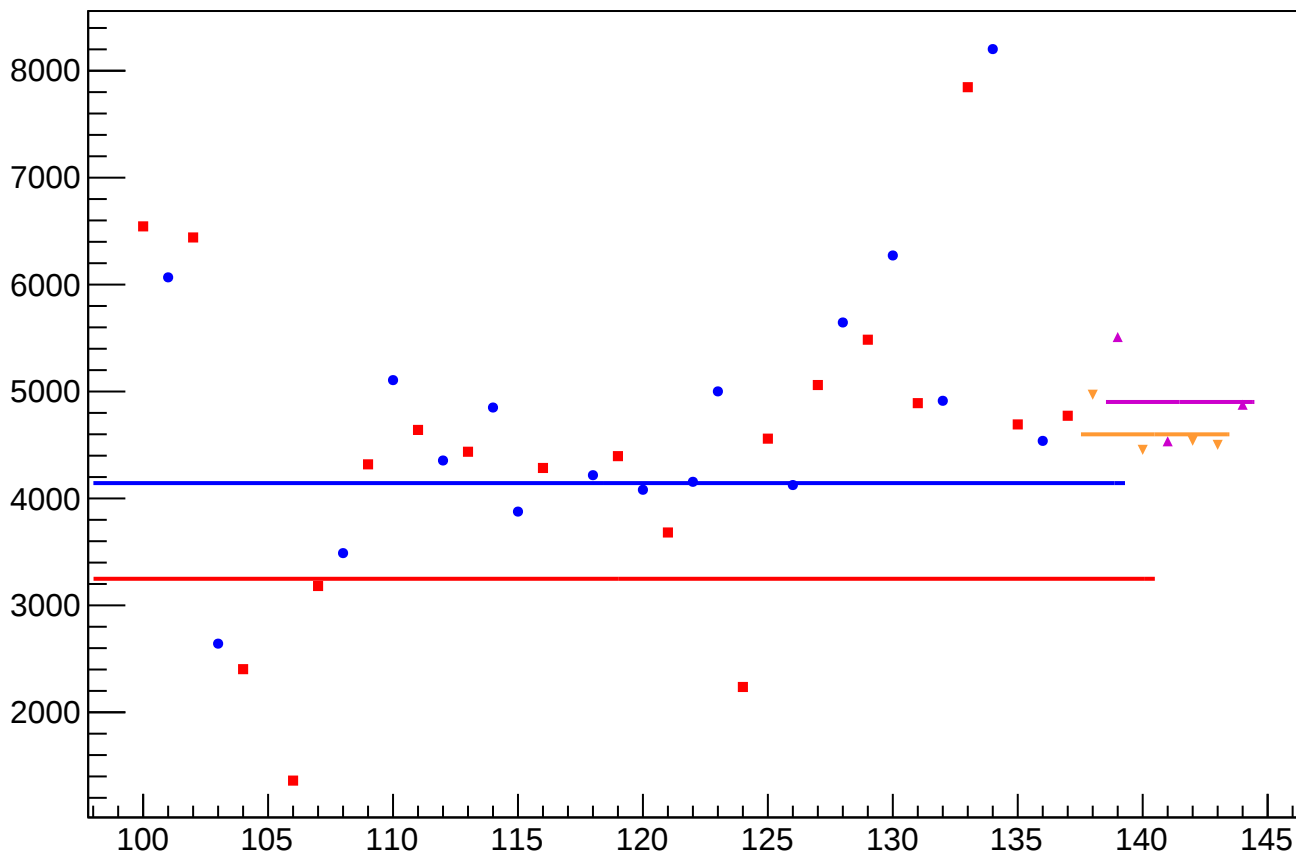
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -1336.670+/-1464.177 χ^2/NDF : 16.5/19

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

All: -356.503+/-938.644 χ^2/NDF : 37.2/42

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4902.214+/-2.207 χ^2/NDF : 30377.2/2

Left: 4734.522+/-1.474 χ^2/NDF : 51335.0/6

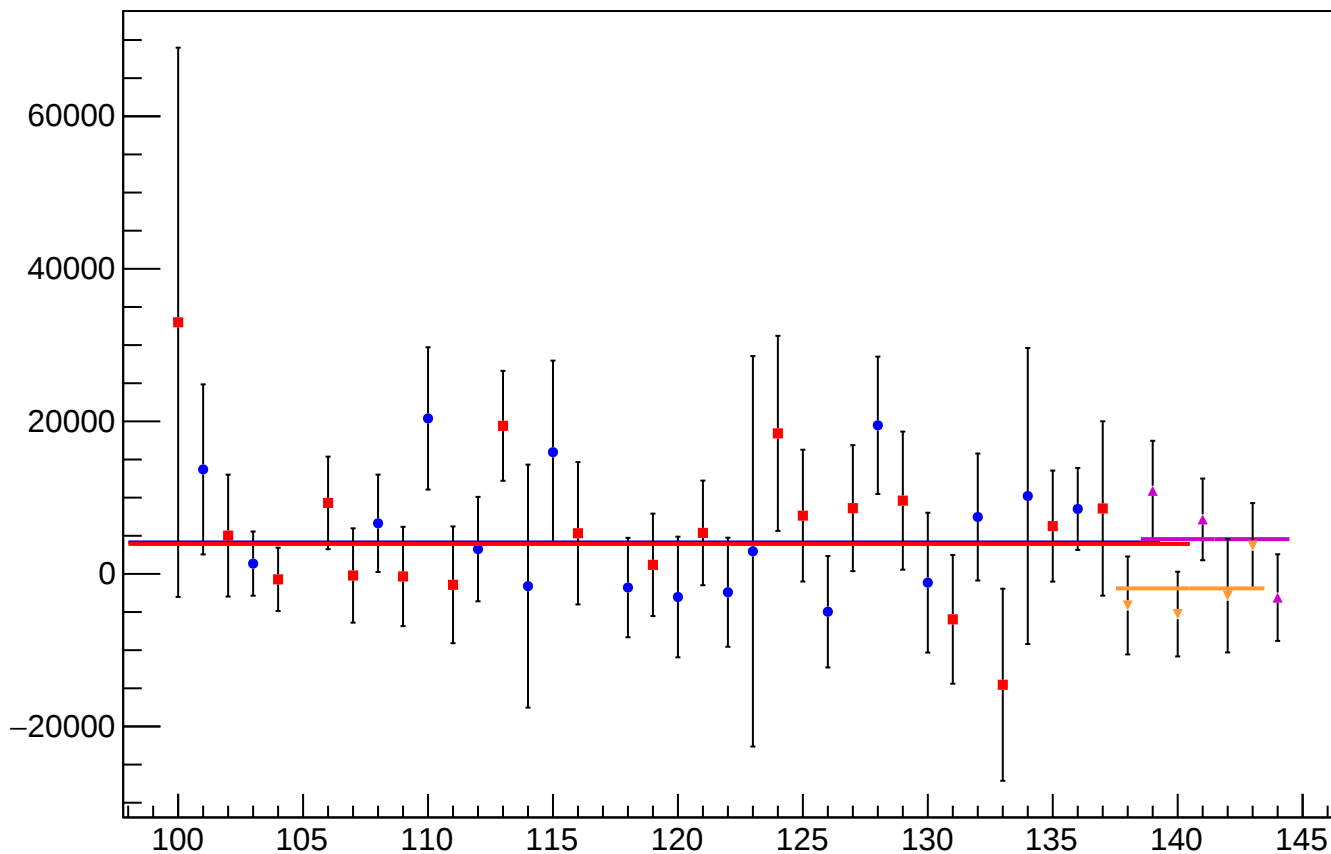
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4310.489+/-1.035 χ^2/NDF : 978544.9/19

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

All: 3836.886+/-0.664 χ^2/NDF : 4338927.6/42

asym_atr_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 4560.175 $\pm$ 3349.152 χ^2 /NDF:3.0/2

Left: 1036.800 $\pm$ 2258.614 χ^2 /NDF: 6.5/6

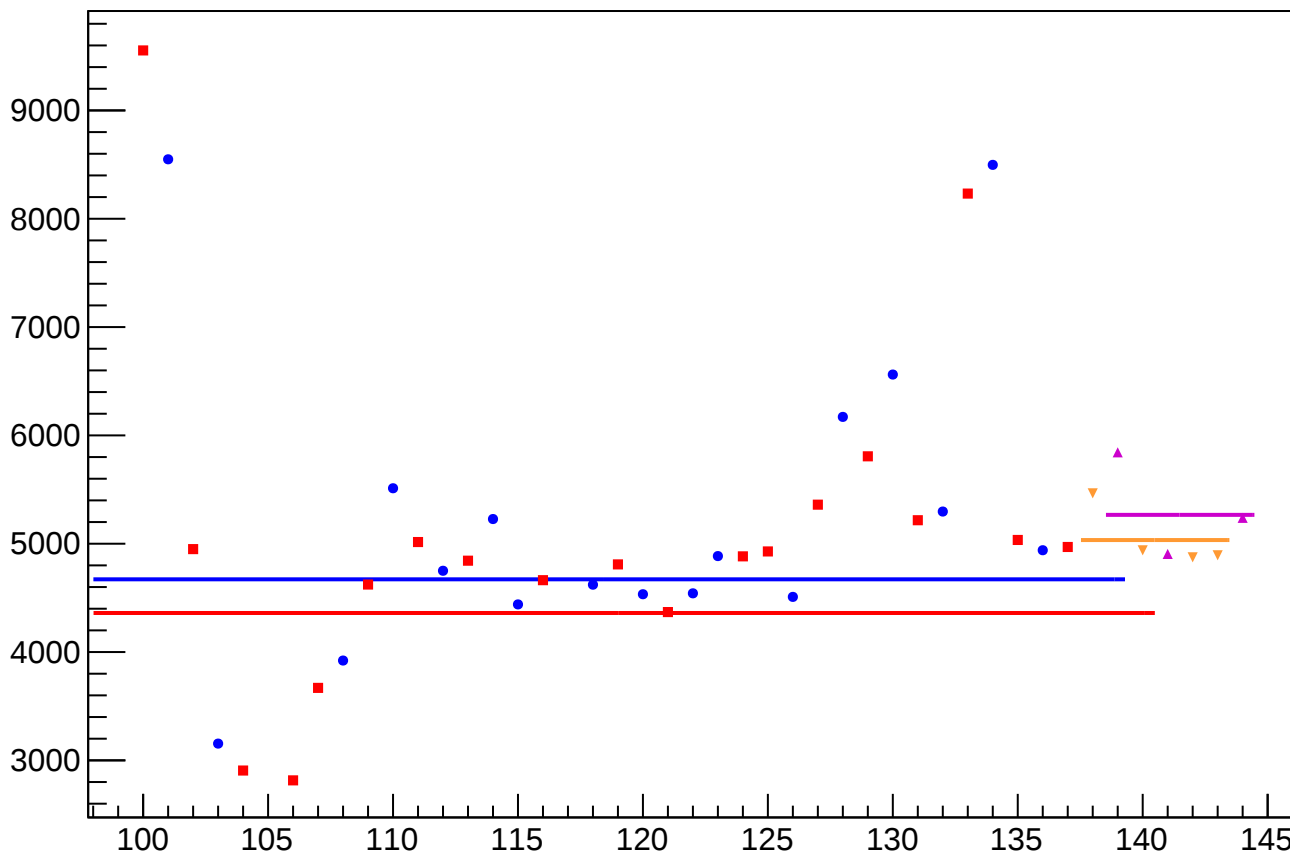
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 4229.086 $\pm$ 1628.109 χ^2 /NDF:16.7/19

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

All: 3308.815 $\pm$ 1104.317 χ^2 /NDF: 36.5/42

asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5266.402+/-2.368 χ^2/NDF : 24628.8/2

Left: 5139.606+/-1.597 χ^2/NDF : 41689.3/6

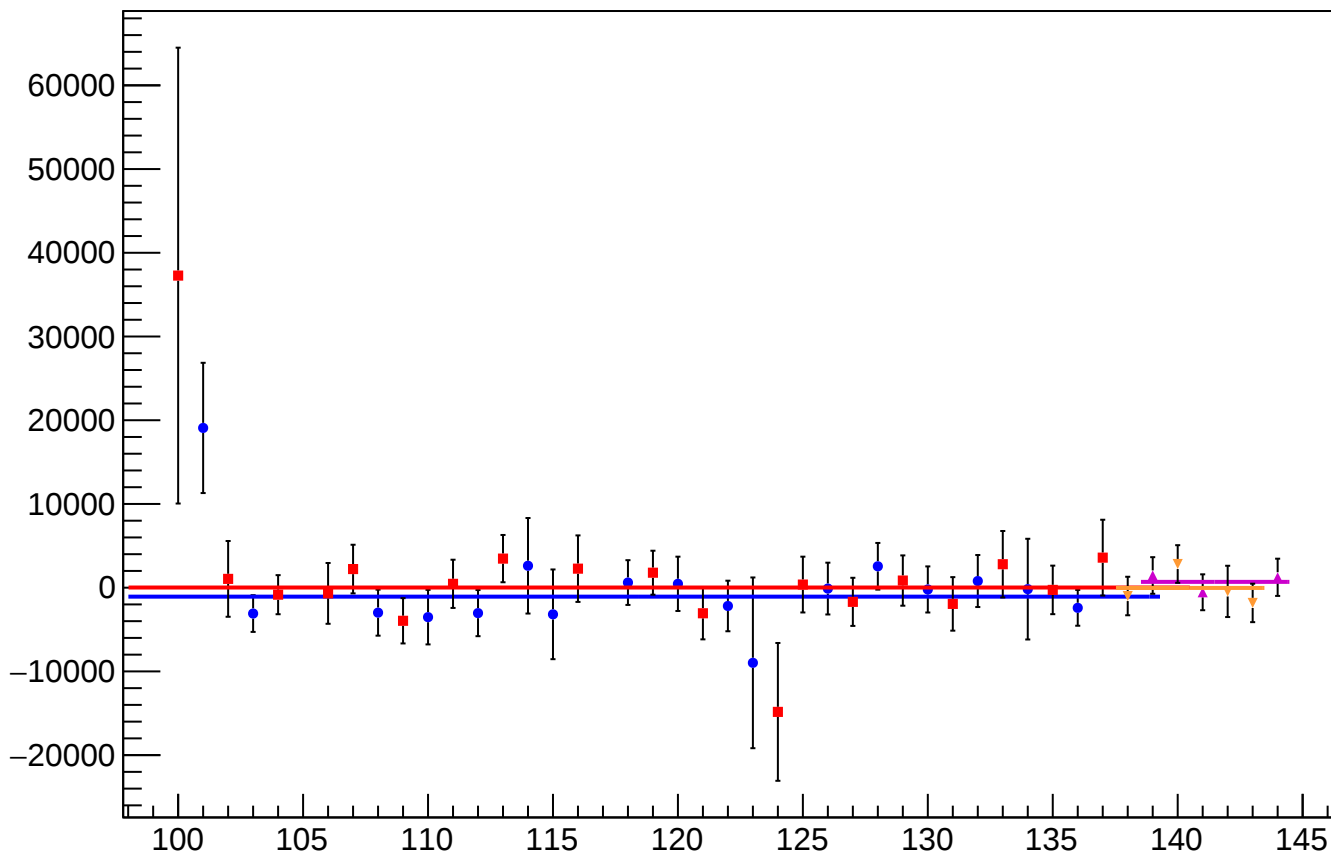
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4811.948+/-1.151 χ^2/NDF : 858960.9/19

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

All: 4654.565+/-0.779 χ^2/NDF : 1813075.3/42

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 693.231 ± 1260.707 χ^2/NDF : 0.5/2

Left: 315.613 ± 872.906 χ^2/NDF : 3.1/6

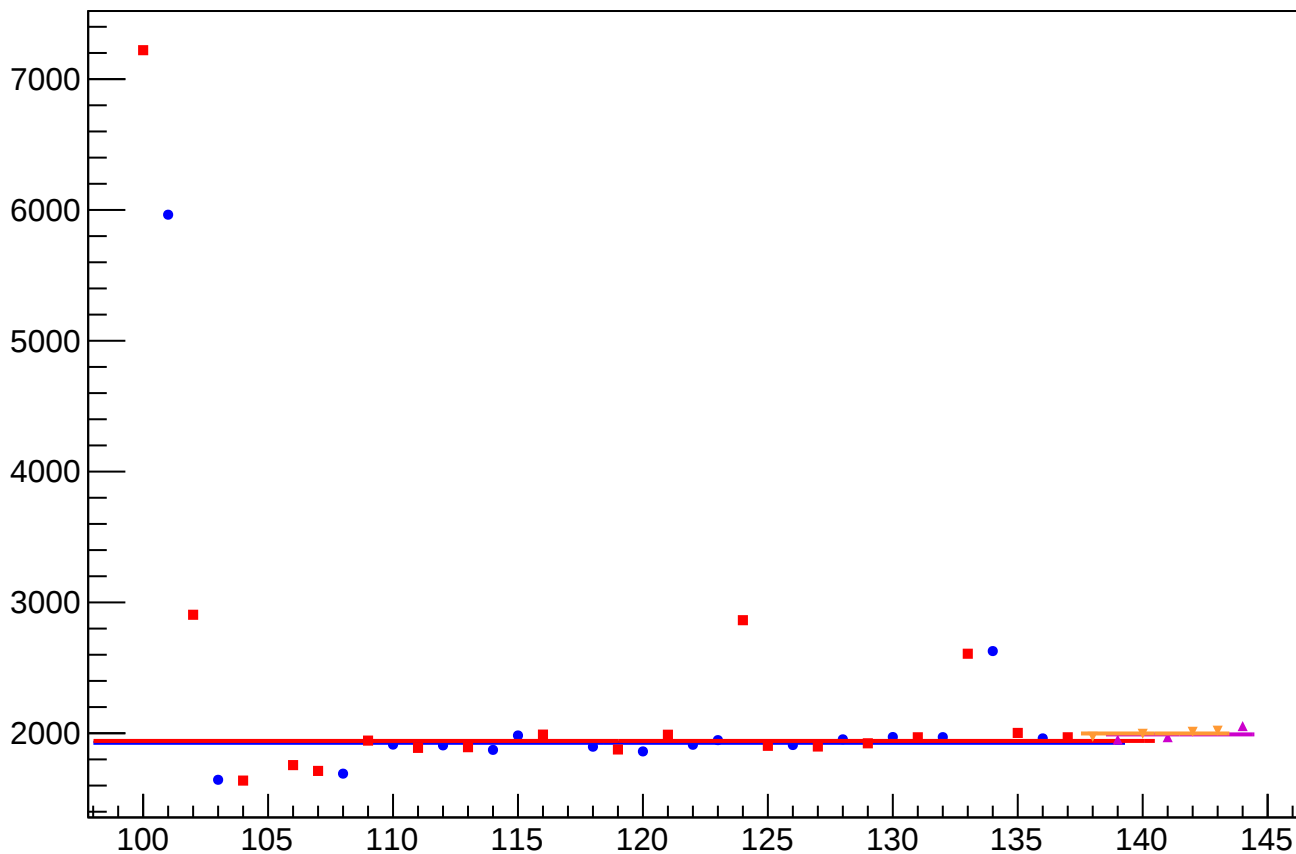
Right: -515.074 ± 534.061 χ^2/NDF : 28.0/35

In: -598.242 ± 652.742 χ^2/NDF : 15.7/19

Out: 5.025 ± 636.101 χ^2/NDF : 15.7/22

All: -288.821 ± 455.561 χ^2/NDF : 31.8/42

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1991.166+/-0.891 χ^2/NDF : 2472.3/2

Left: 1994.833+/-0.617 χ^2/NDF : 2961.8/6

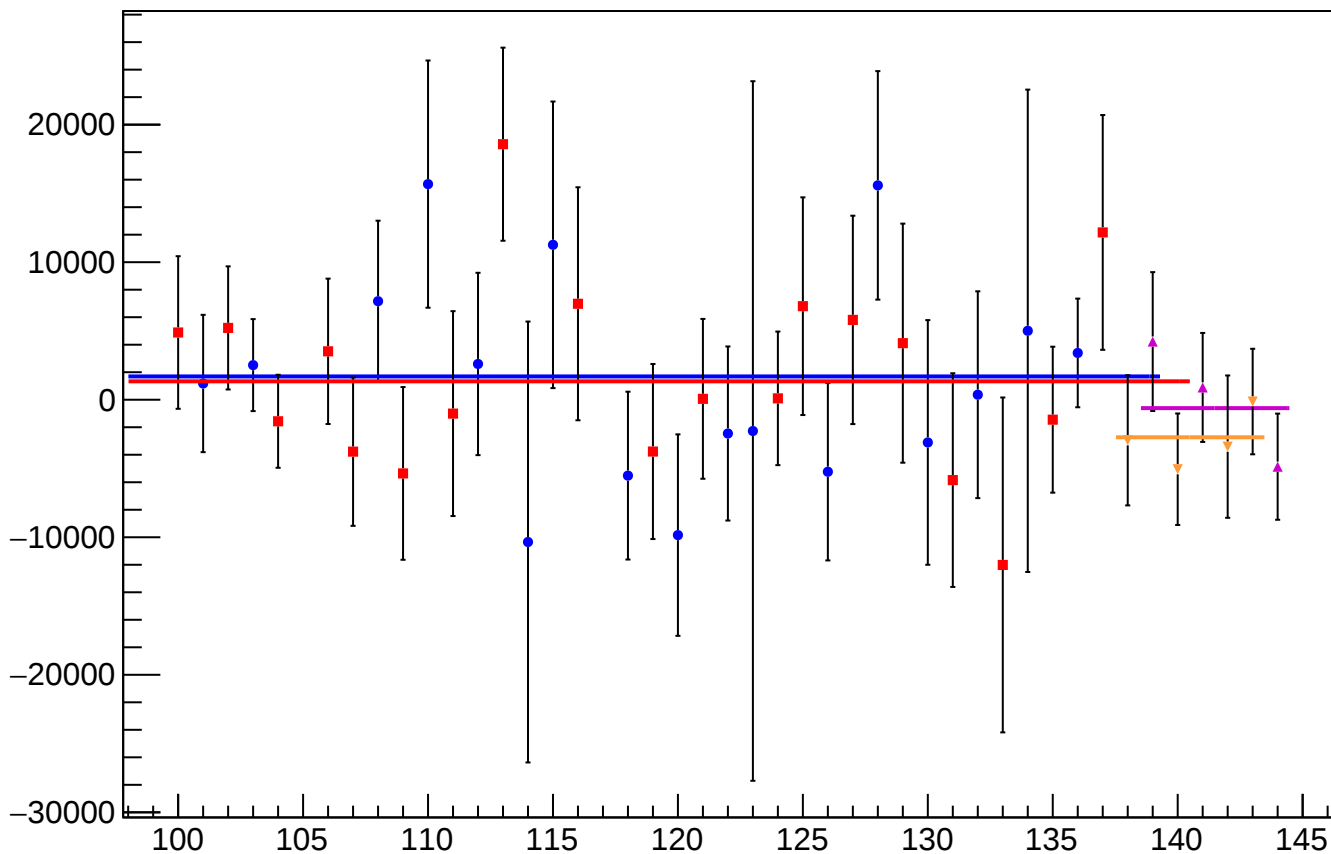
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1944.121+/-0.462 χ^2/NDF : 623393.7/19

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

All: 1950.724+/-0.322 χ^2/NDF : 931824.6/42

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -611.126+/-2424.879 χ^2/NDF : 2.3/2

Left: -1784.613+/-1620.344 χ^2/NDF : 3.5/6

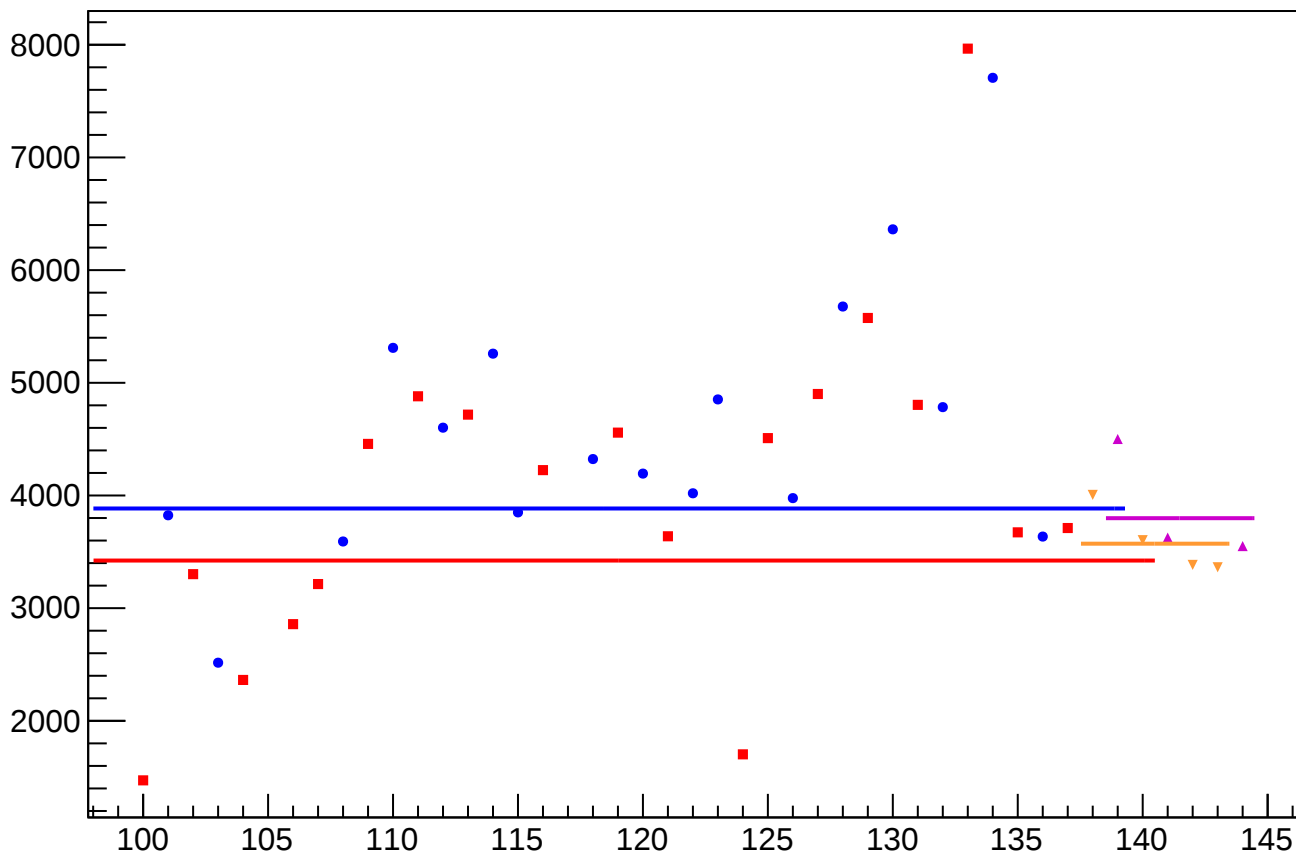
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 1024.143+/-1307.151 χ^2/NDF : 16.5/19

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

All: 554.744+/-867.228 χ^2/NDF : 36.4/42

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 3798.561 $\pm$ 1.715 χ^2 /NDF: 50788.1/2

Left: 3673.263 $\pm$ 1.146 χ^2 /NDF: 85905.0/6

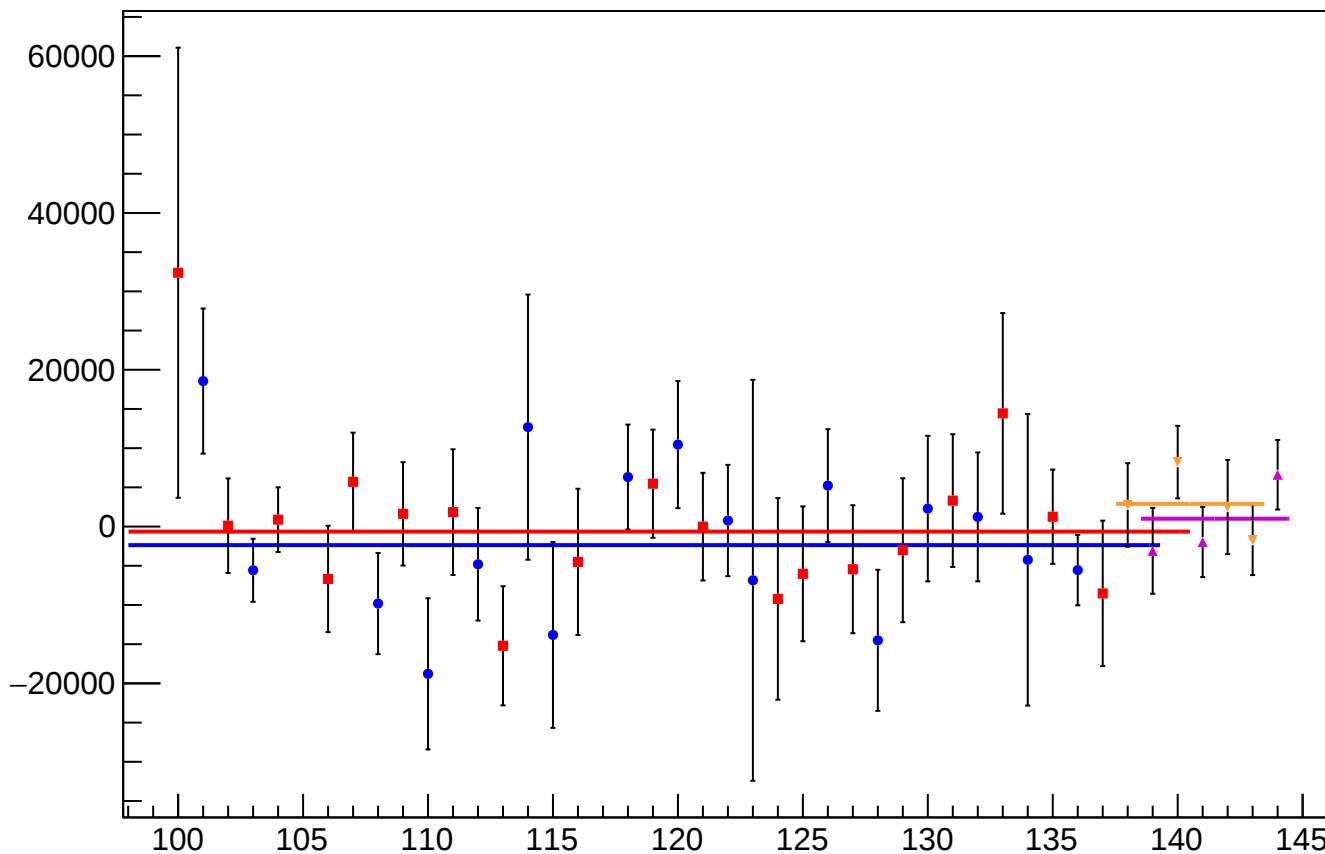
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 3859.600 $\pm$ 0.924 χ^2 /NDF: 879138.2/19

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

All: 3638.679 $\pm$ 0.613 χ^2 /NDF: 2603708.5/42

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: -640.916 $\pm$ 1690.165 χ^2 /NDF: 11.8/18

Left In: 1005.224 $\pm$ 2731.093 χ^2 /NDF: 2.6/2

Left: 2035.142 $\pm$ 1844.037 χ^2 /NDF: 5.3/6

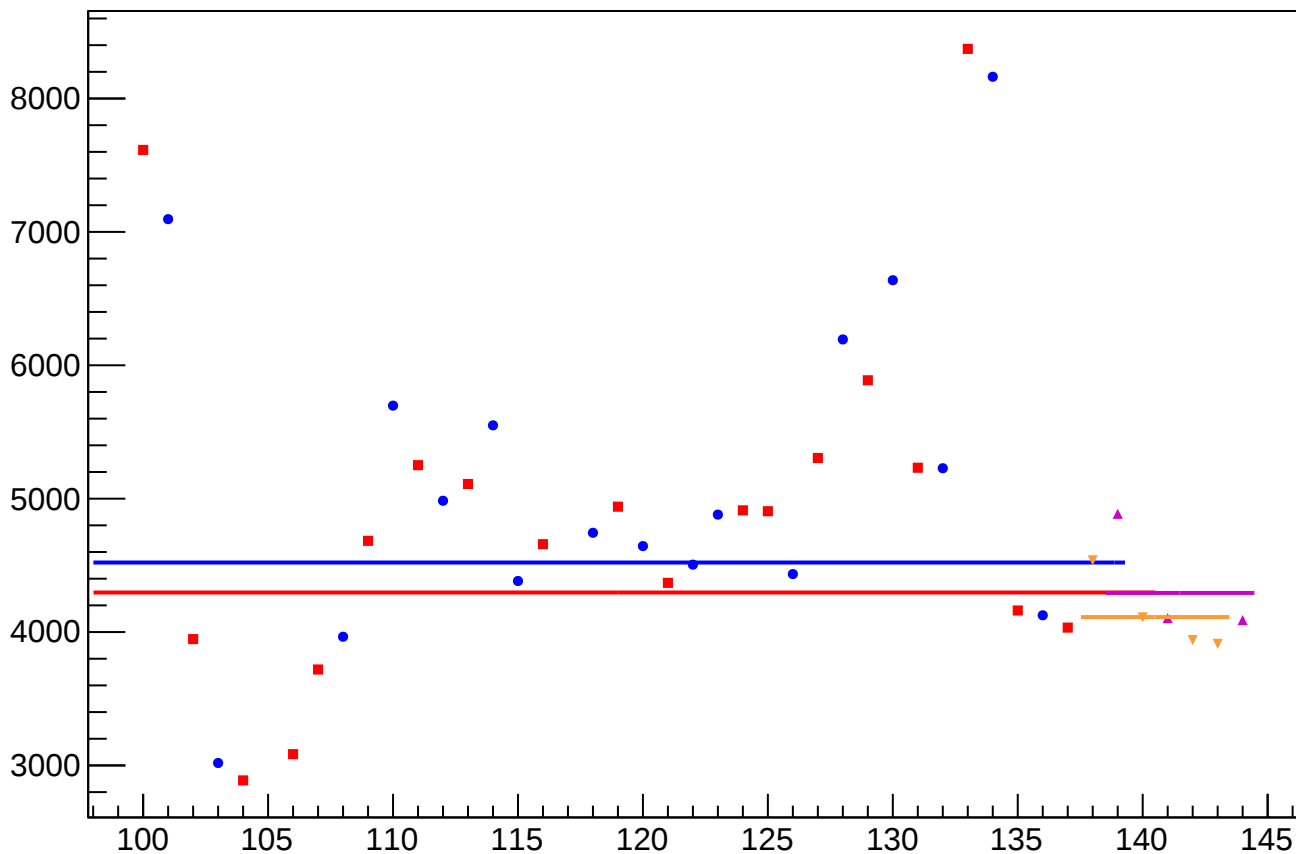
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -1344.600 $\pm$ 1504.065 χ^2 /NDF: 23.8/19

Out: 469.272 $\pm$ 1400.188 χ^2 /NDF: 15.6/22

All: -372.870 $\pm$ 1024.839 χ^2 /NDF: 40.2/42

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4293.197+/-1.931 χ^2/NDF : 31248.5/2

Left: 4194.797+/-1.304 χ^2/NDF : 54464.0/6

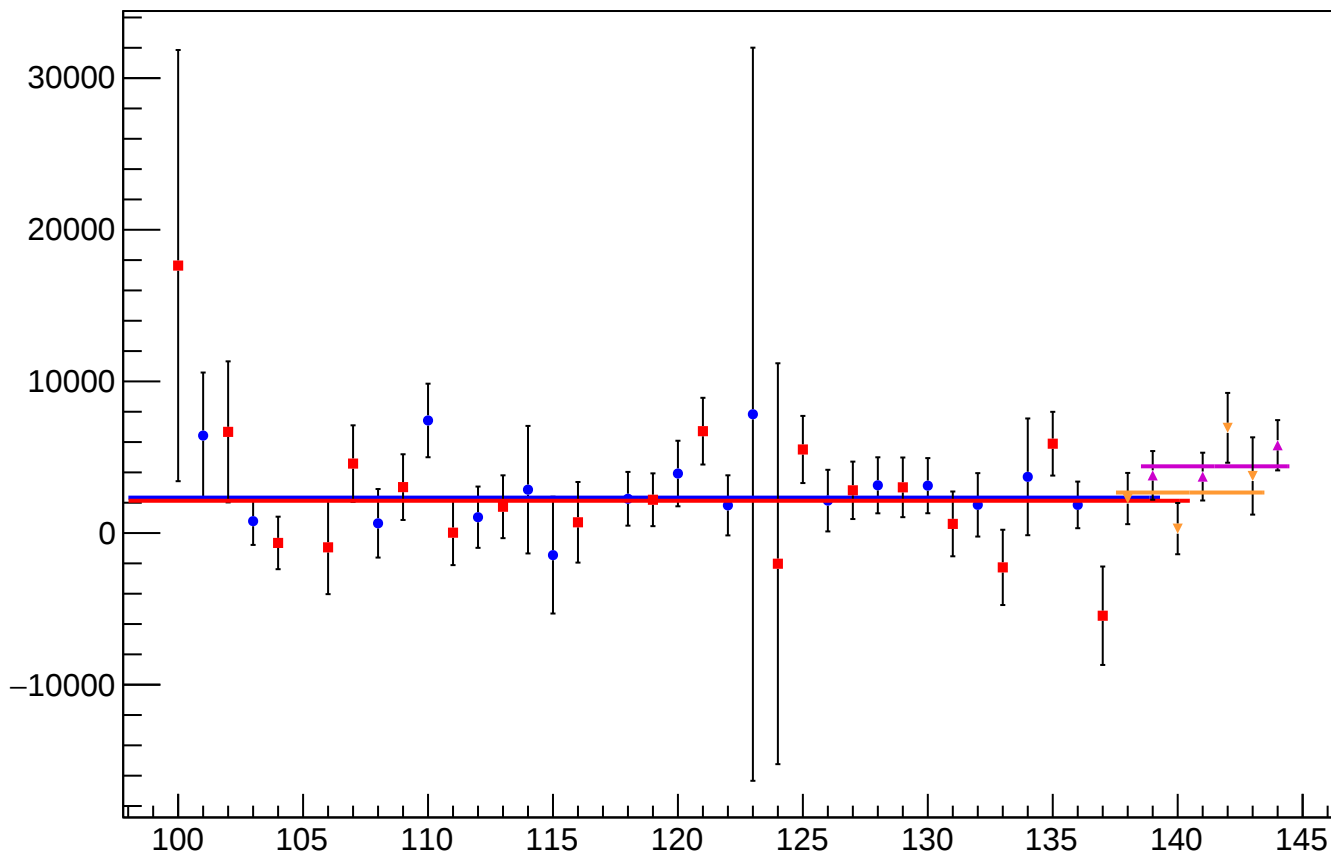
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4452.069+/-1.064 χ^2/NDF : 819637.6/19

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

All: 4337.604+/-0.723 χ^2/NDF : 1640310.3/42

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

Left In: 4400.672+/-930.642 χ^2/NDF :1.0/2

Left: 3580.150+/-674.495 χ^2/NDF : 8.3/6

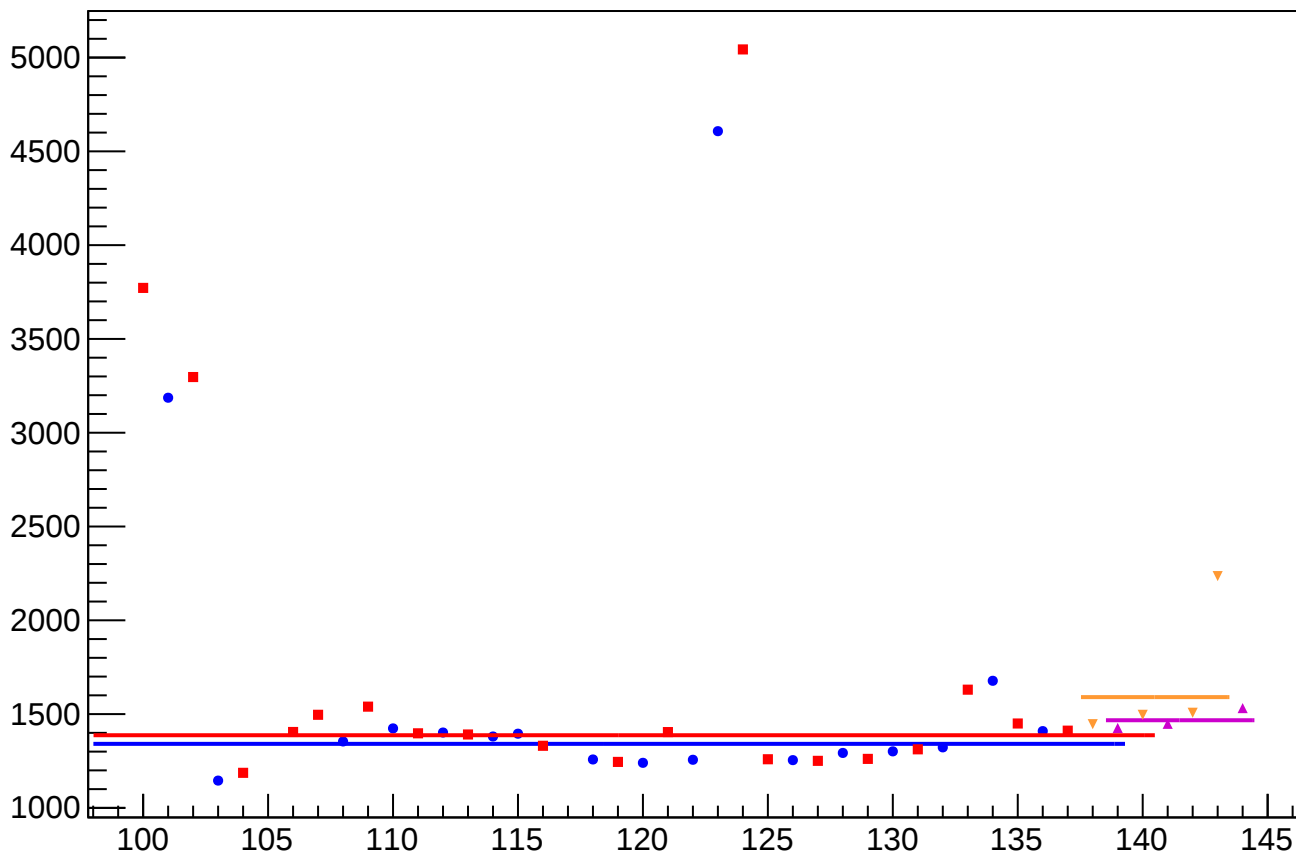
Right: 2234.784+/-378.395 χ^2/NDF : 37.3/35

In: 2844.007+/-461.294 χ^2/NDF :14.4/19

Out: 2255.802+/-472.313 χ^2/NDF :33.4/22

All: 2556.846+/-330.011 χ^2/NDF : 48.6/42

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1467.239+/-0.658 χ^2/NDF : 4637.0/2

Left: 1525.760+/-0.477 χ^2/NDF : 172835.4/6

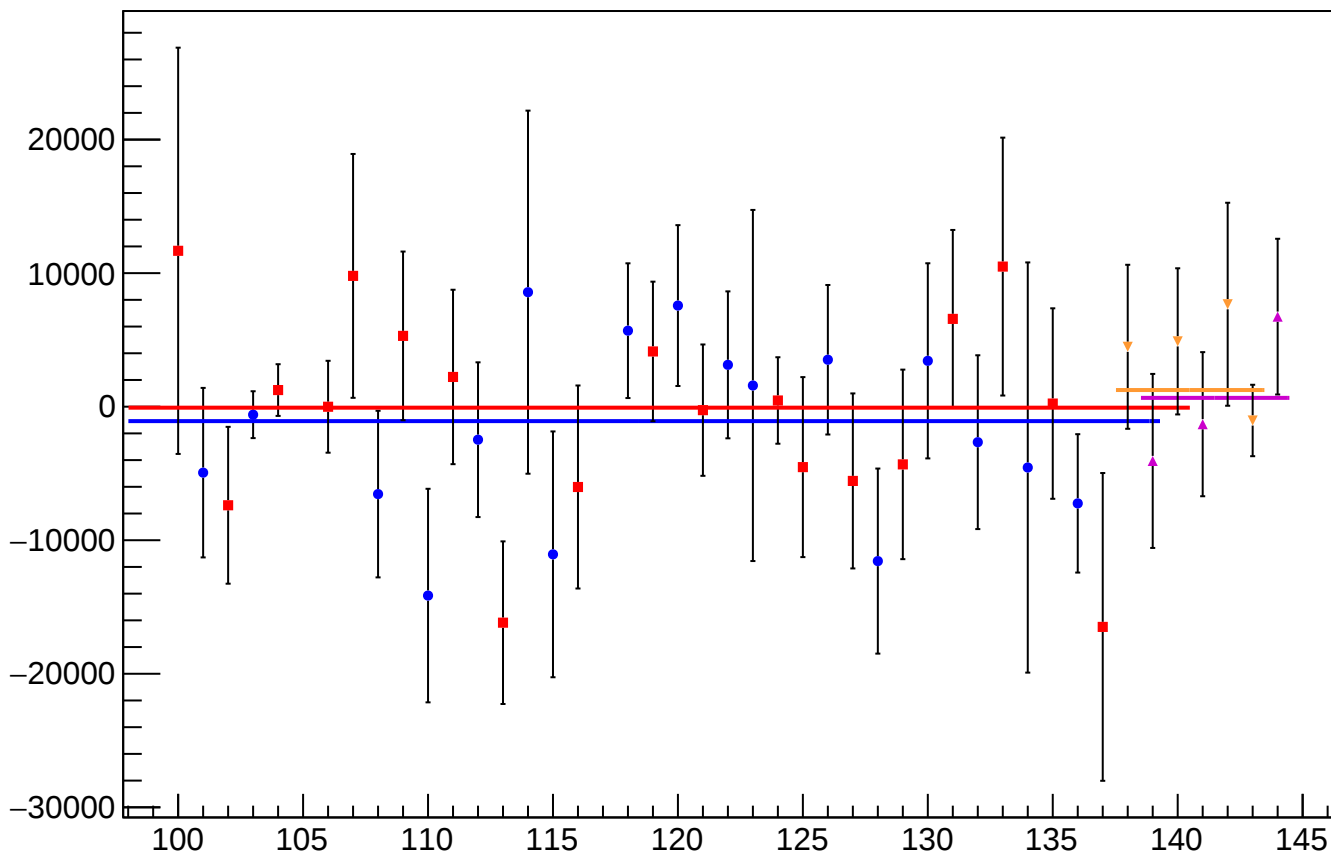
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1372.298+/-0.326 χ^2/NDF : 536503.6/19

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

All: 1402.728+/-0.233 χ^2/NDF : 1422161.2/42

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 $\pm$ 1212.382 χ^2 /NDF: 15.0/16

Left Out: 1246.644 $\pm$ 2146.542 χ^2 /NDF: 2.2/3

Right Out: -74.089 $\pm$ 1126.219 χ^2 /NDF: 18.6/18

Left In: 660.024 $\pm$ 3384.225 χ^2 /NDF: 1.7/2

Left: 1078.348 $\pm$ 1812.665 χ^2 /NDF: 3.9/6

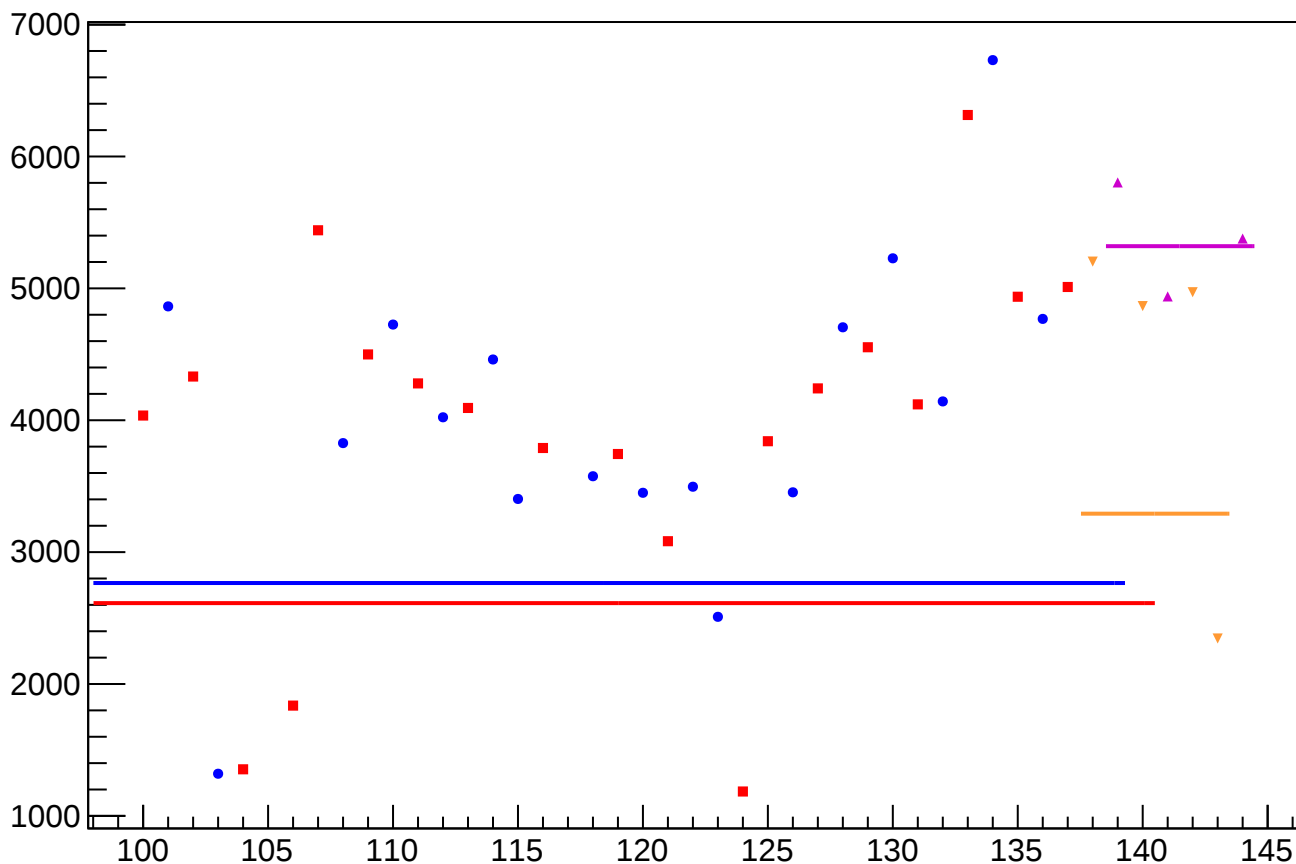
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -883.008 $\pm$ 1141.352 χ^2 /NDF: 17.0/19

Out: 210.999 $\pm$ 997.289 χ^2 /NDF: 21.1/22

All: -262.643 $\pm$ 750.991 χ^2 /NDF: 38.6/42

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5319.968+/-2.393 χ^2/NDF : 21180.1/2

Left: 3873.518+/-1.282 χ^2/NDF : 1240785.6/6

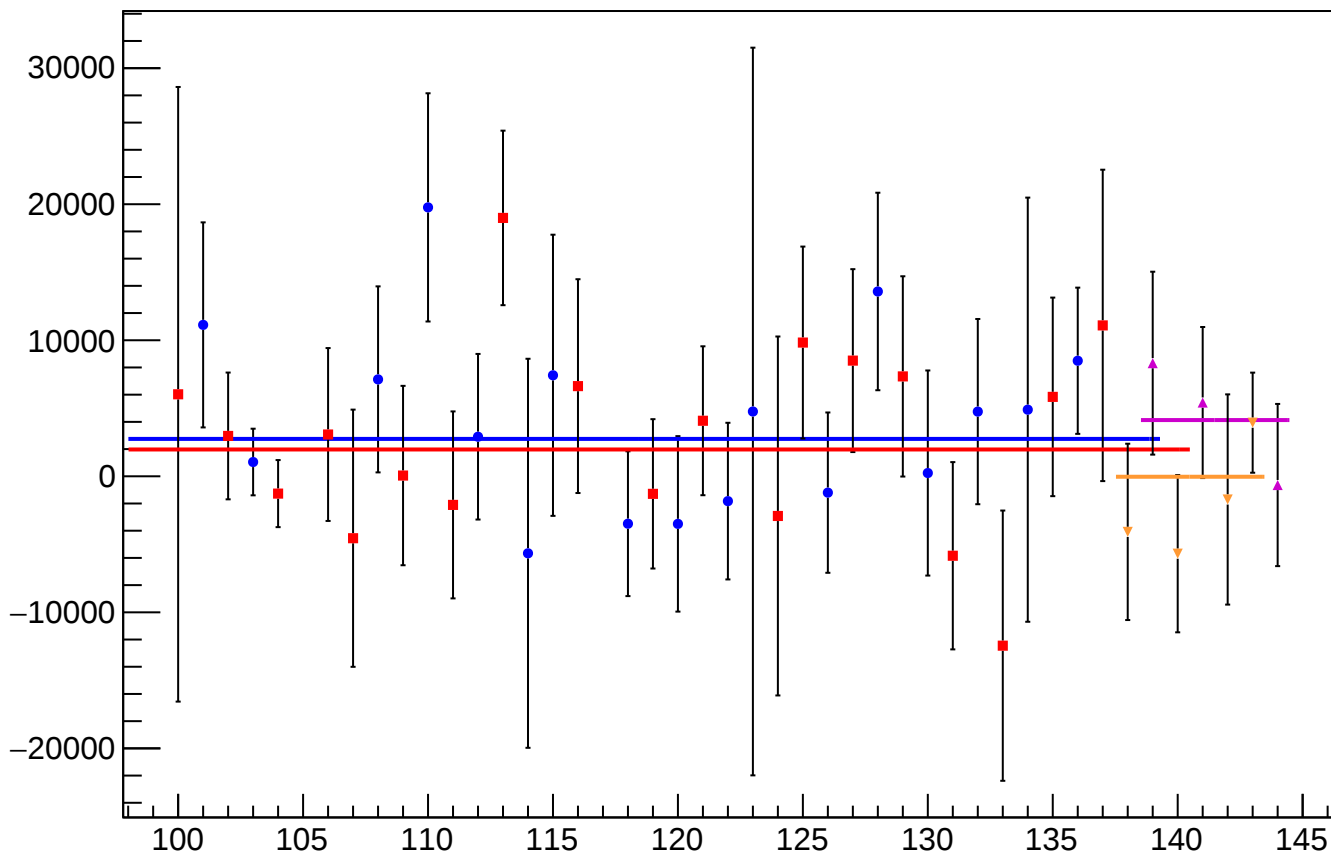
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3056.260+/-0.807 χ^2/NDF : 3969963.0/19

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

All: 2888.131+/-0.531 χ^2/NDF : 8250241.9/42

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 4133.177+/-3477.103 χ^2/NDF : 1.1/2

Left: 1484.392+/-2098.590 χ^2/NDF : 4.6/6

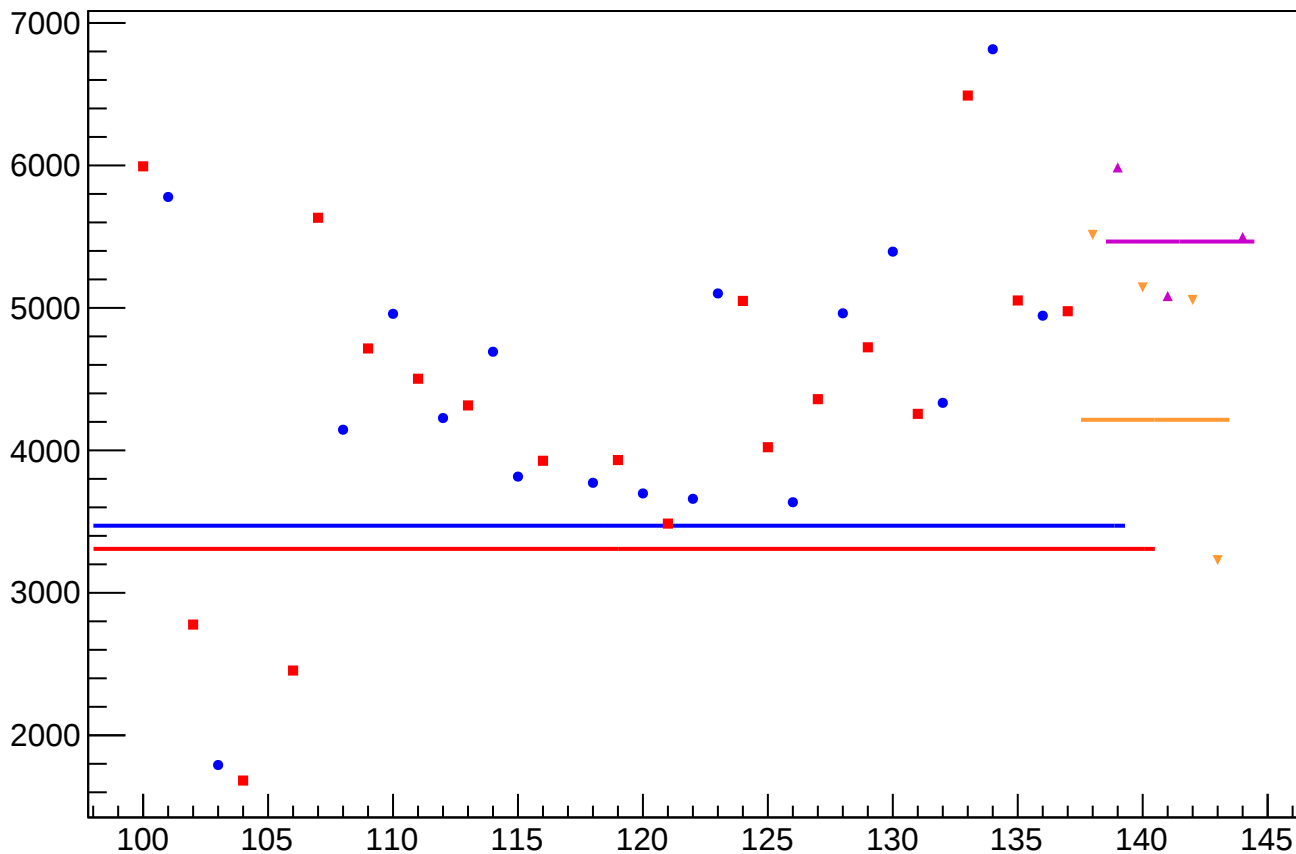
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2952.627+/-1335.652 χ^2/NDF : 15.0/19

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

All: 2183.423+/-902.146 χ^2/NDF : 36.4/42

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5465.849+/-2.459 χ^2/NDF : 21537.4/2

Left: 4670.464+/-1.484 χ^2/NDF : 485114.1/6

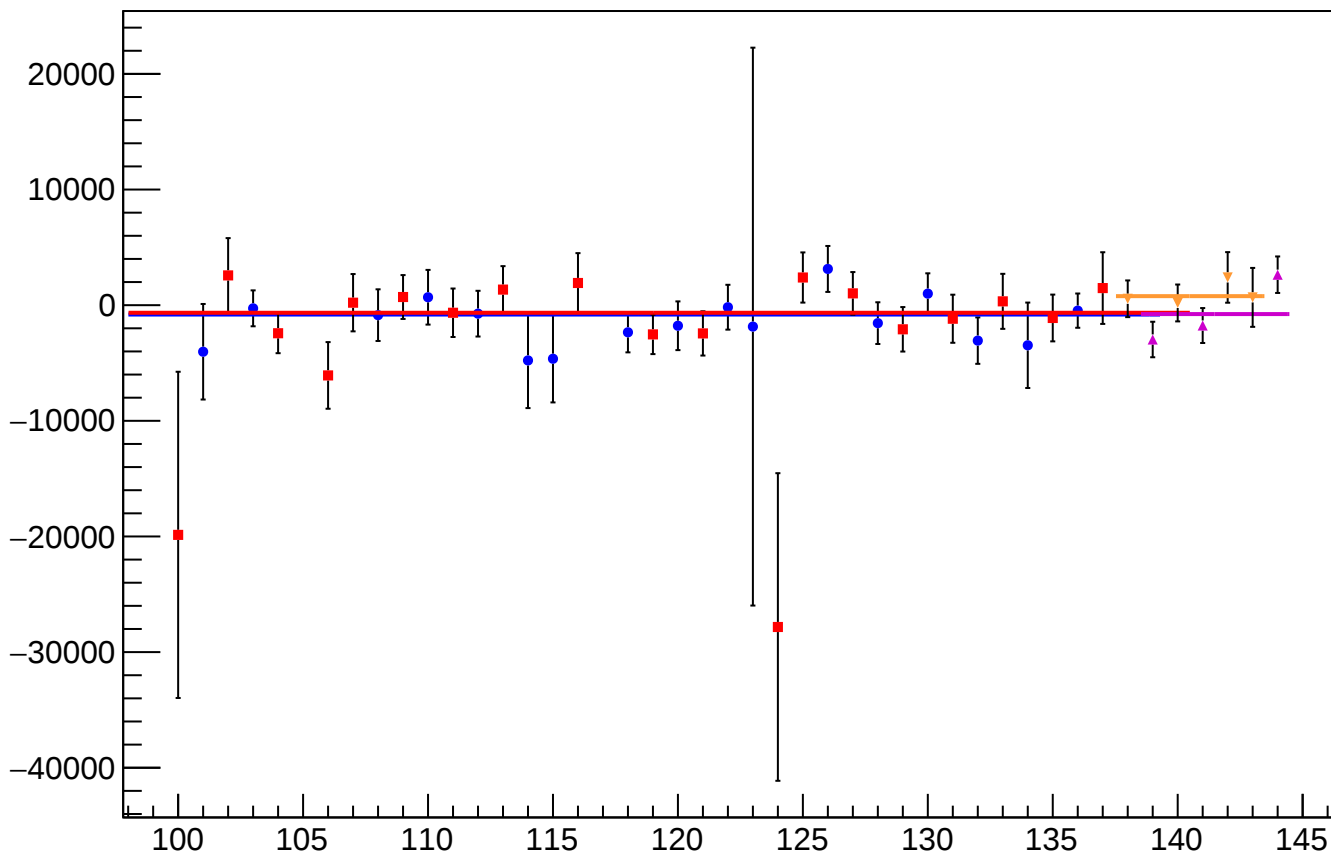
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 3765.467+/-0.944 χ^2/NDF : 2350501.4/19

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

All: 3620.997+/-0.635 χ^2/NDF : 4793175.4/42

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -769.174+/-889.290 χ^2/NDF : 7.1/2

Left: -29.528+/-643.048 χ^2/NDF : 9.3/6

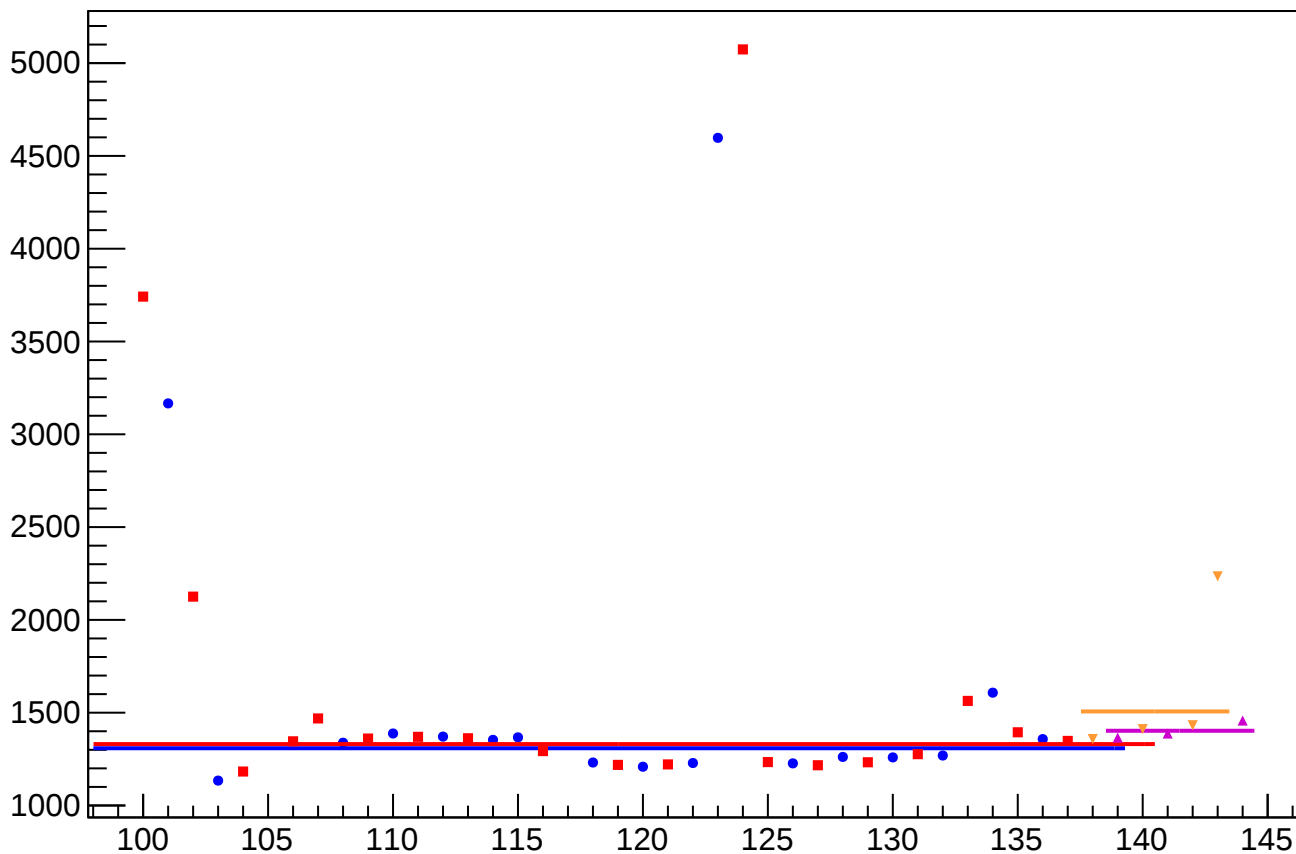
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -798.917+/-447.725 χ^2/NDF : 18.3/19

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

All: -560.805+/-317.519 χ^2/NDF : 41.8/42

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1402.593+/-0.629 χ^2/NDF :3785.7/2

Left: 1452.252+/-0.455 χ^2/NDF : 207158.8/6

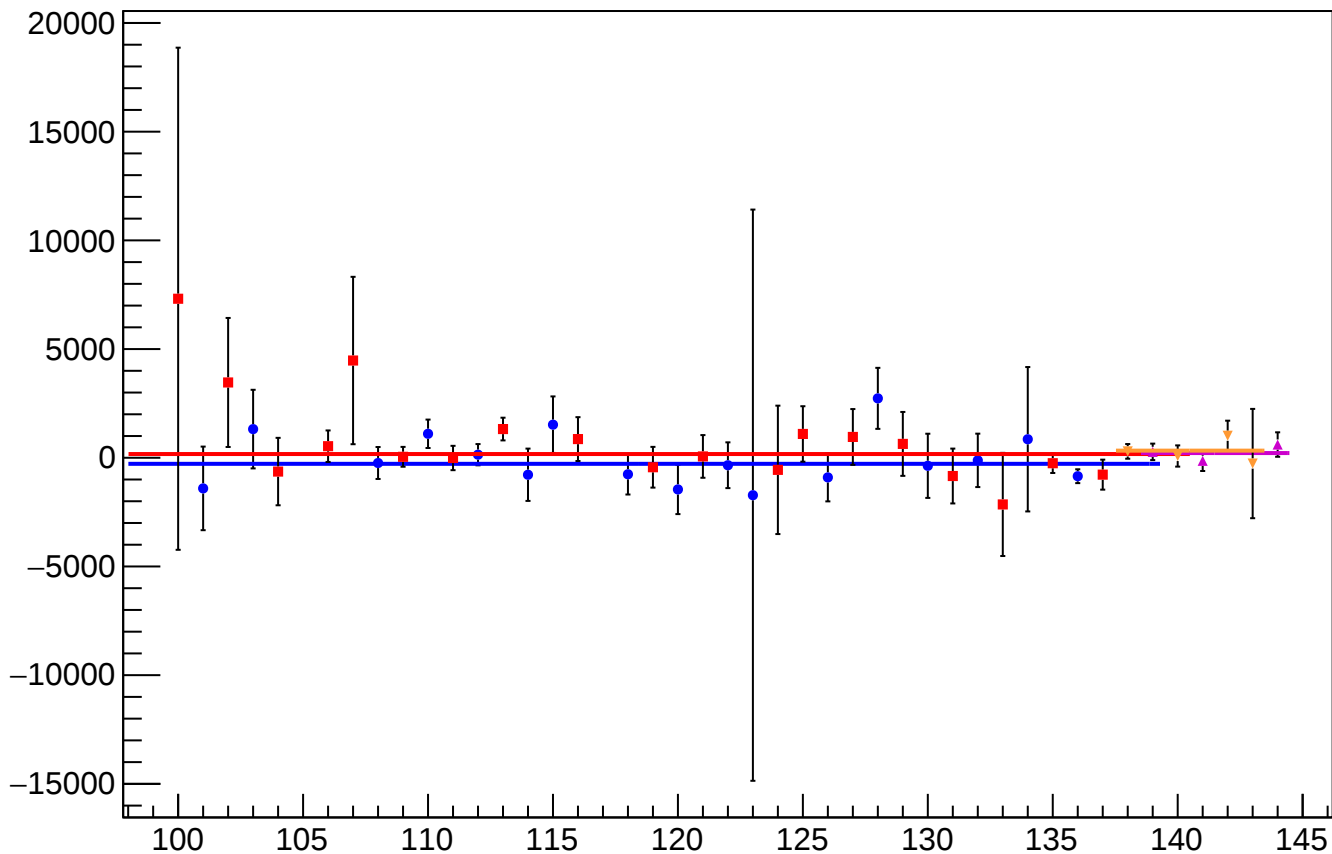
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1332.251+/-0.317 χ^2/NDF :527093.1/19

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

All: 1352.011+/-0.225 χ^2/NDF : 1195715.6/42

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 216.611 ± 260.993 χ^2/NDF : 1.1/2

Left: 273.155 ± 183.034 χ^2/NDF : 2.5/6

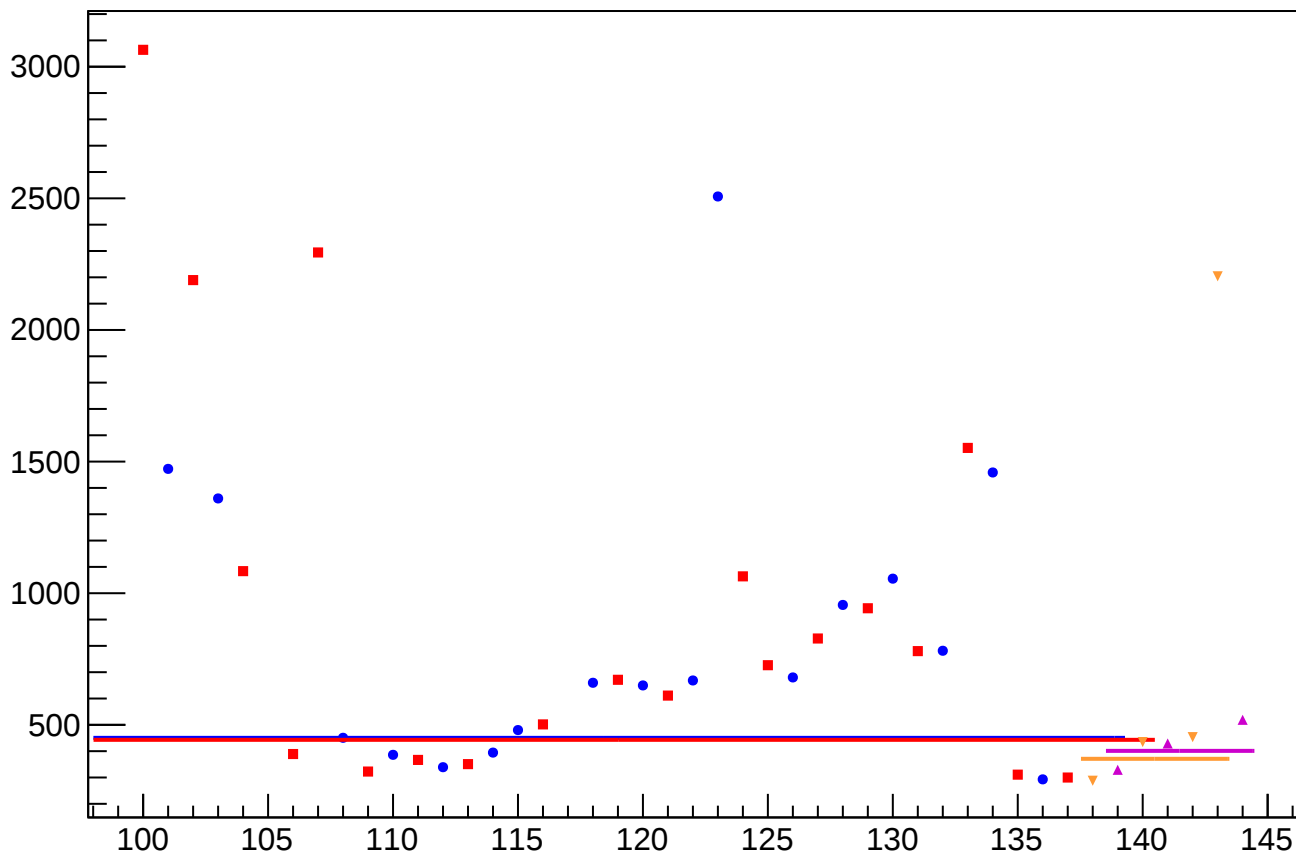
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

In: -97.629 ± 157.805 χ^2/NDF : 21.4/19

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

All: 69.065 ± 110.215 χ^2/NDF : 39.9/42

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 401.149+/-0.185 χ^2/NDF :167291.5/2

Left: 385.814+/-0.129 χ^2/NDF : 1427211.1/6

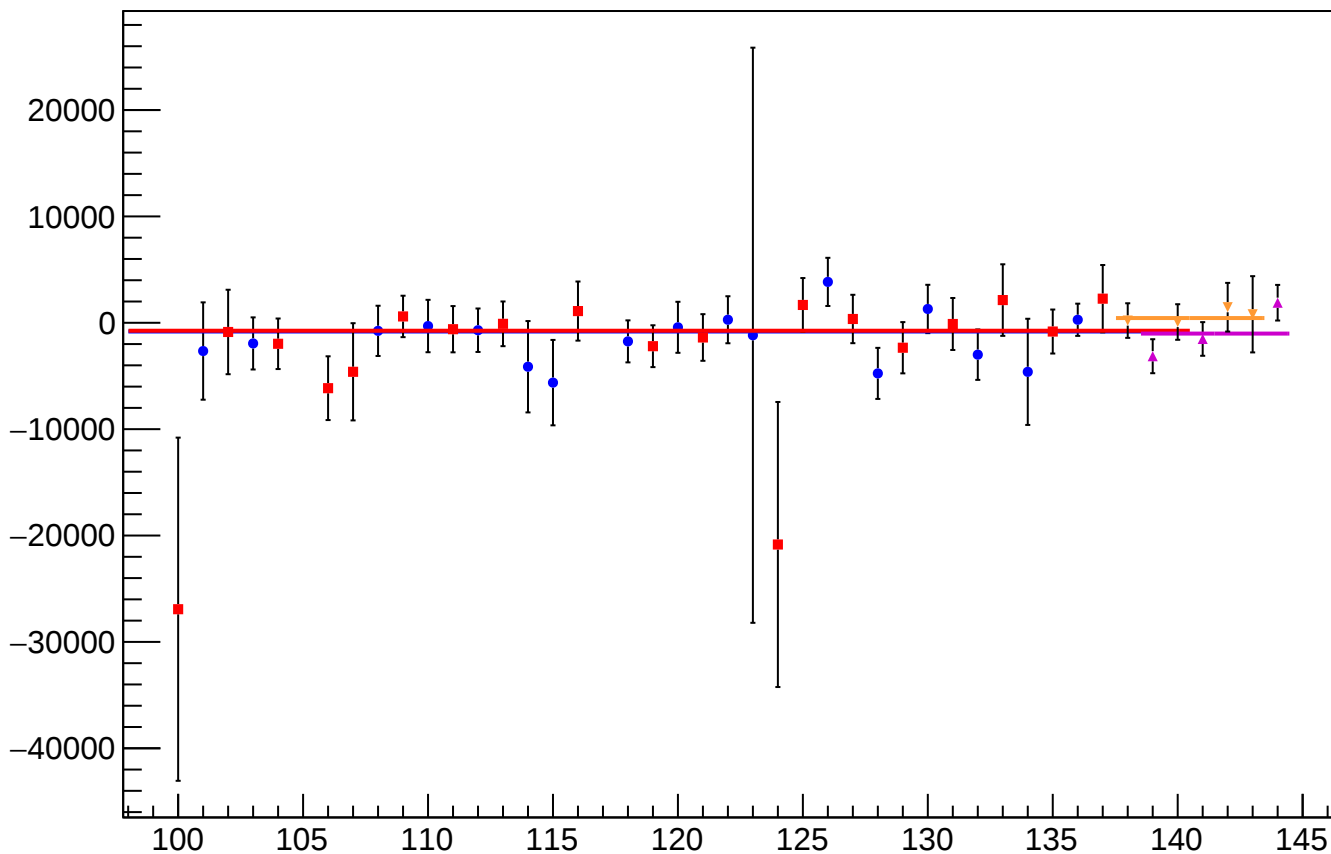
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 432.519+/-0.112 χ^2/NDF :3210569.3/19

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

All: 424.647+/-0.078 χ^2/NDF : 8039027.2/42

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1014.943+/-933.271 χ^2/NDF : 4.9/2

Left: -333.466+/-681.545 χ^2/NDF : 6.3/6

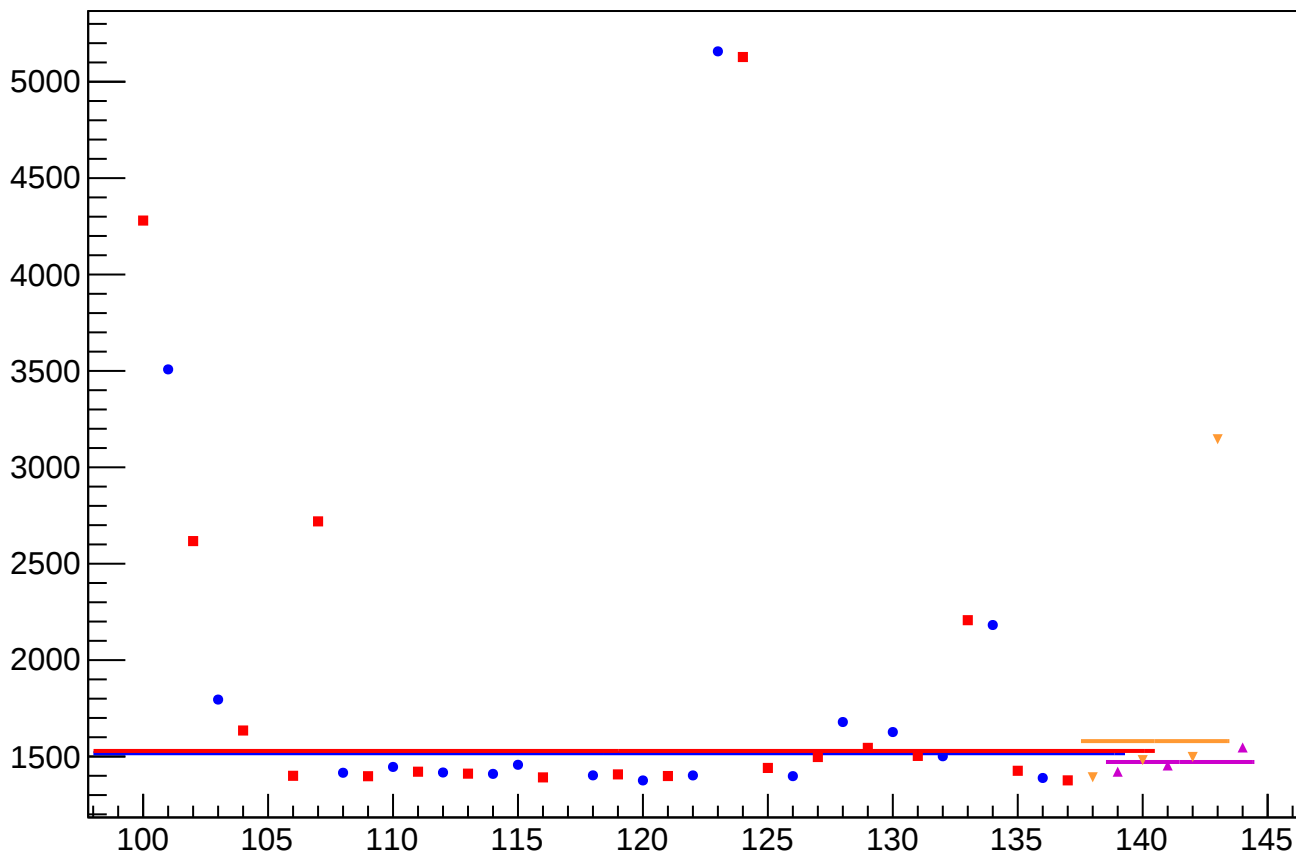
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -875.122+/-505.381 χ^2/NDF : 17.6/19

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

All: -656.793+/-359.479 χ^2/NDF : 33.4/42

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1471.571+/-0.660 χ^2/NDF : 6292.1/2

Left: 1522.095+/-0.482 χ^2/NDF : 436804.7/6

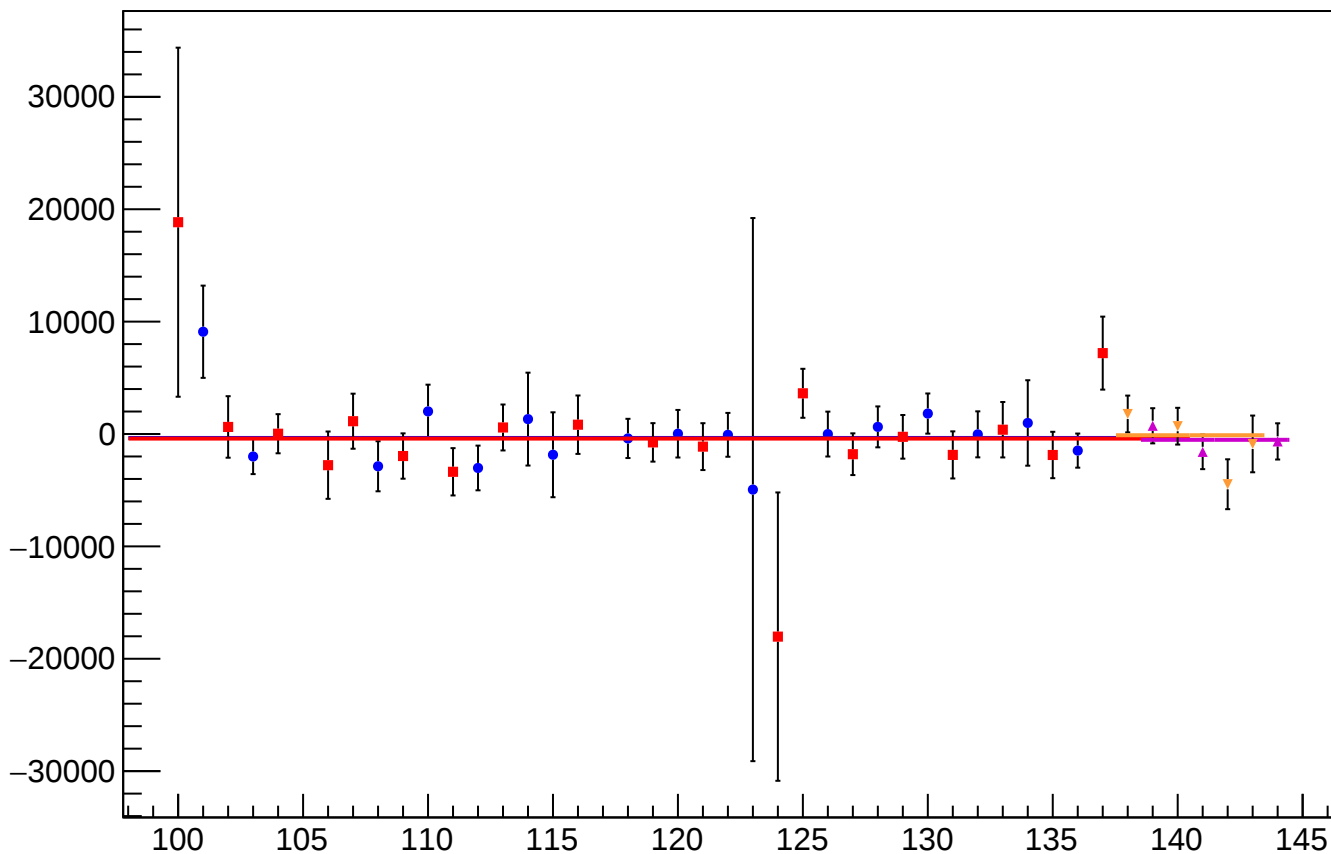
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1503.633+/-0.357 χ^2/NDF : 550671.4/19

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

All: 1522.712+/-0.254 χ^2/NDF : 1608425.0/42

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: -517.571+/-906.503 χ^2/NDF : 1.1/2

Left: -323.546+/-656.017 χ^2/NDF : 6.8/6

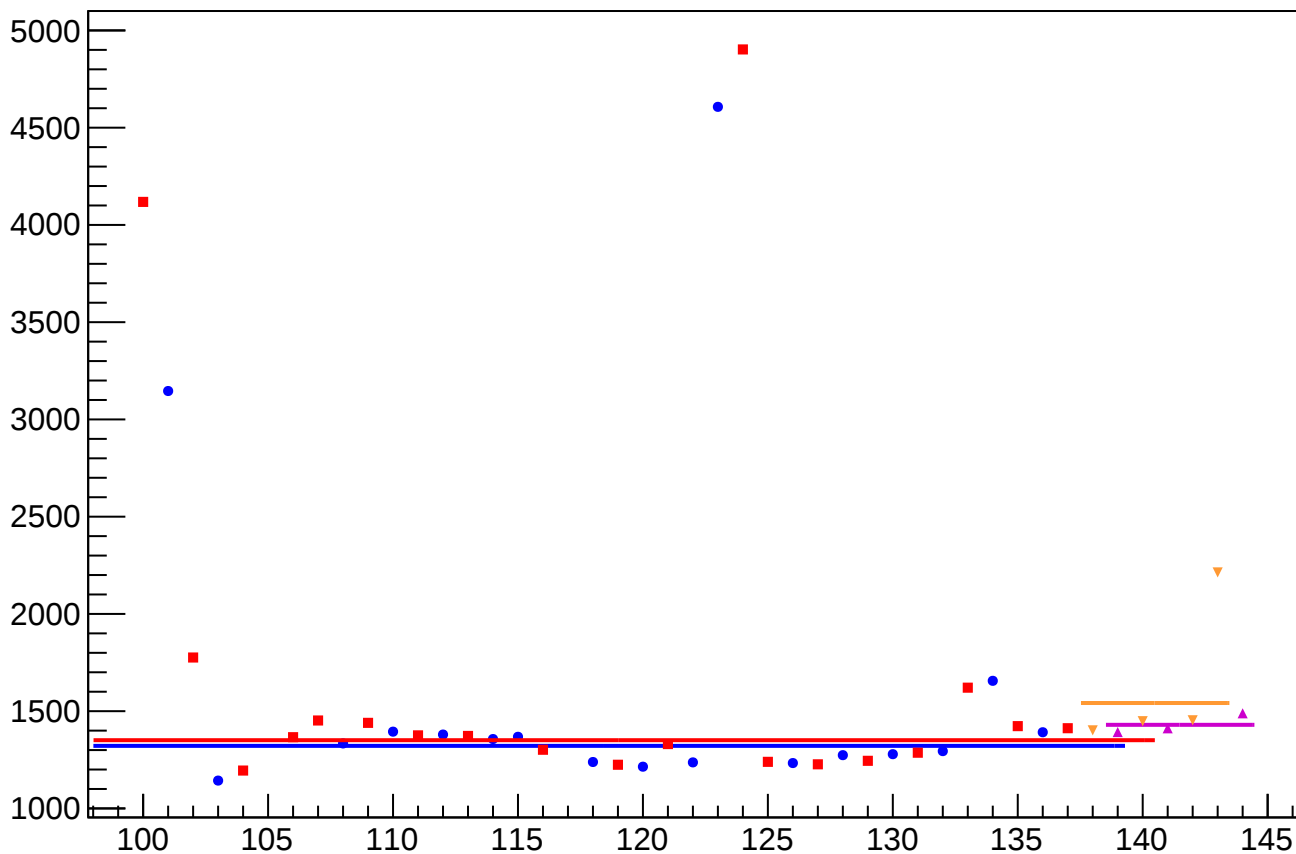
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -394.235+/-453.222 χ^2/NDF : 14.6/19

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

All: -366.646+/-322.006 χ^2/NDF : 38.6/42

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1429.833+/-0.641 χ^2/NDF :4100.0/2

Left: 1483.270+/-0.464 χ^2/NDF : 184703.8/6

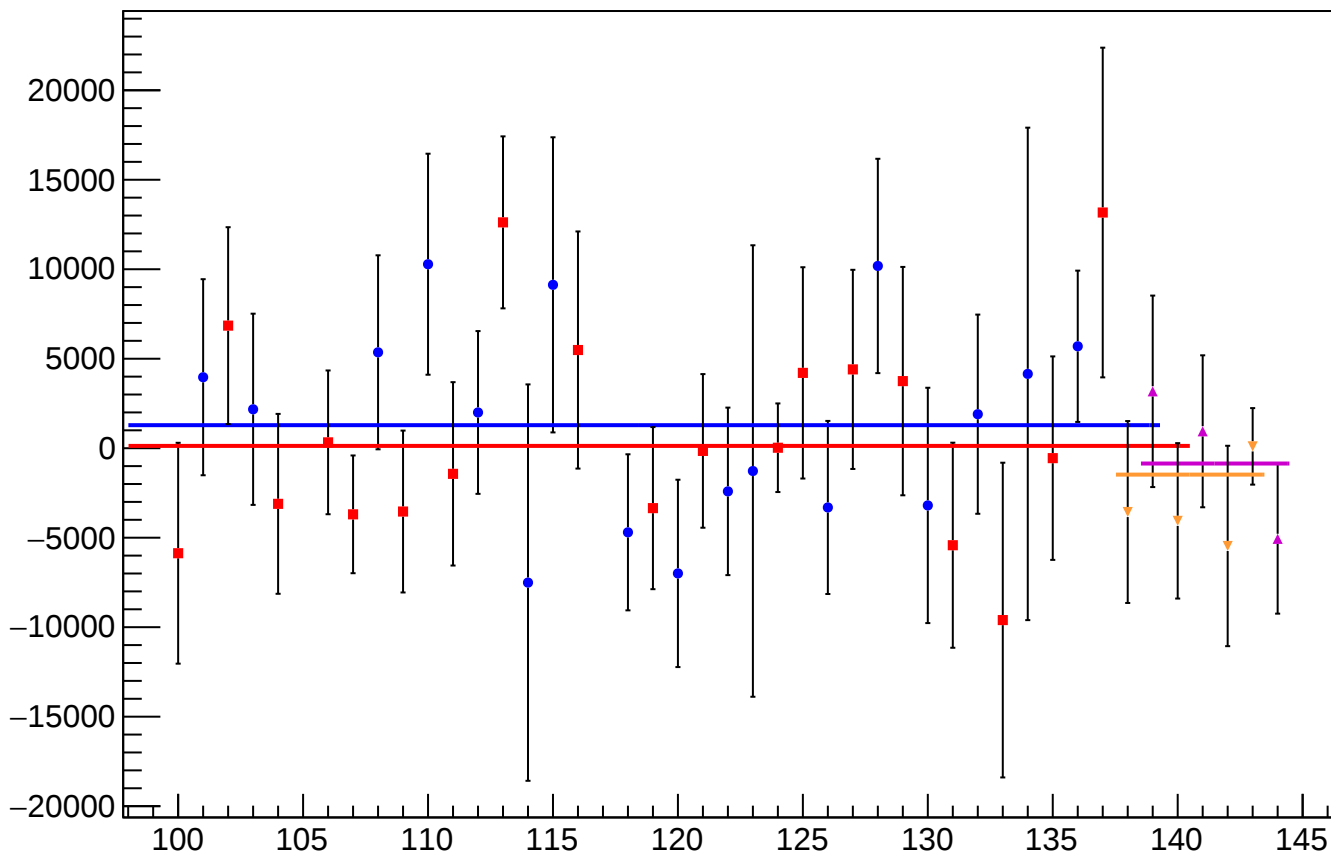
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

In: 1348.732+/-0.320 χ^2/NDF :527689.5/19

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

All: 1371.681+/-0.228 χ^2/NDF : 1116155.3/42

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -855.522+/-2602.455 χ^2/NDF : 1.8/2

Left: -1287.949+/-1428.410 χ^2/NDF : 3.4/6

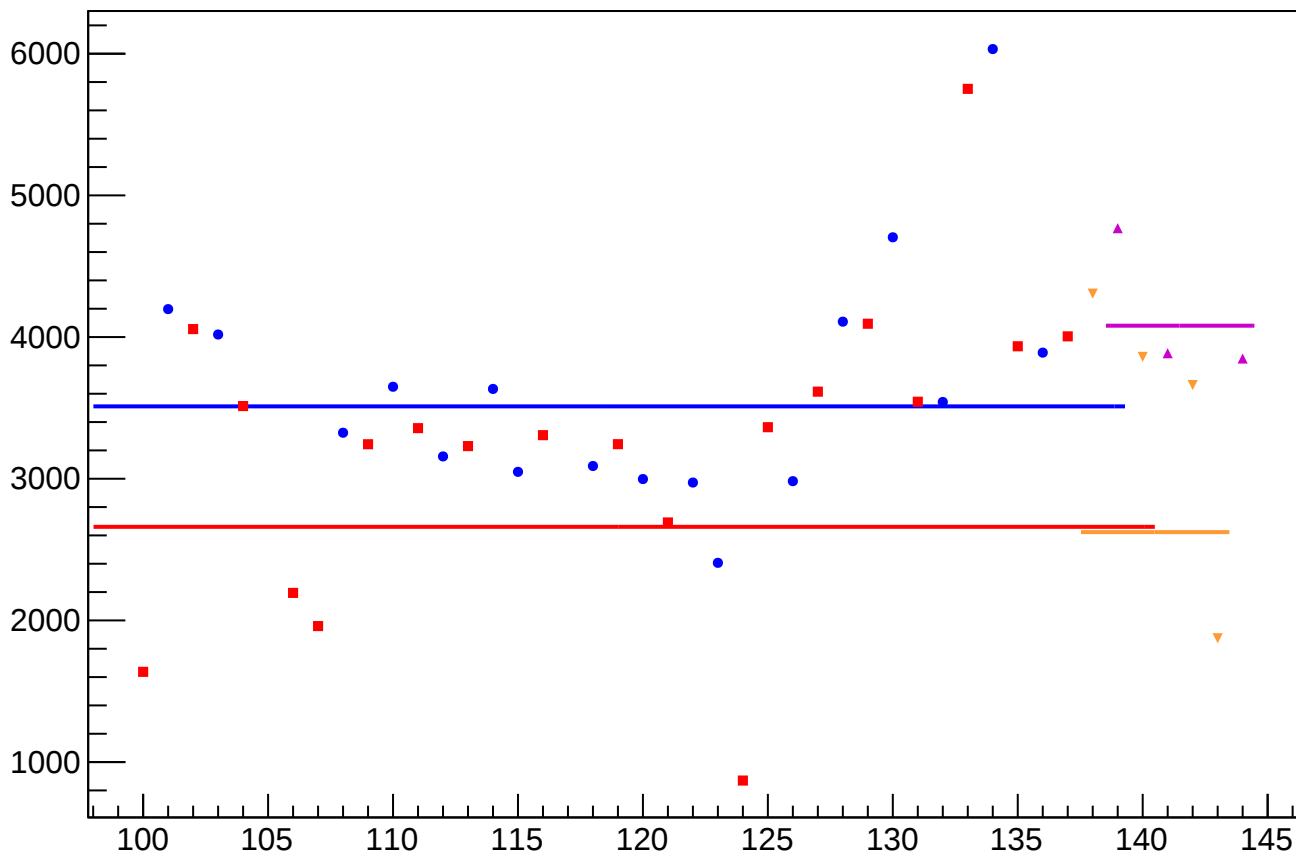
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 819.368+/-1216.333 χ^2/NDF : 16.6/19

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

All: 84.719+/-732.689 χ^2/NDF : 37.9/42

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4080.290 $\pm$ 1.840 χ^2 /NDF: 43433.7/2

Left: 3062.182 $\pm$ 1.010 χ^2 /NDF: 1177459.3/6

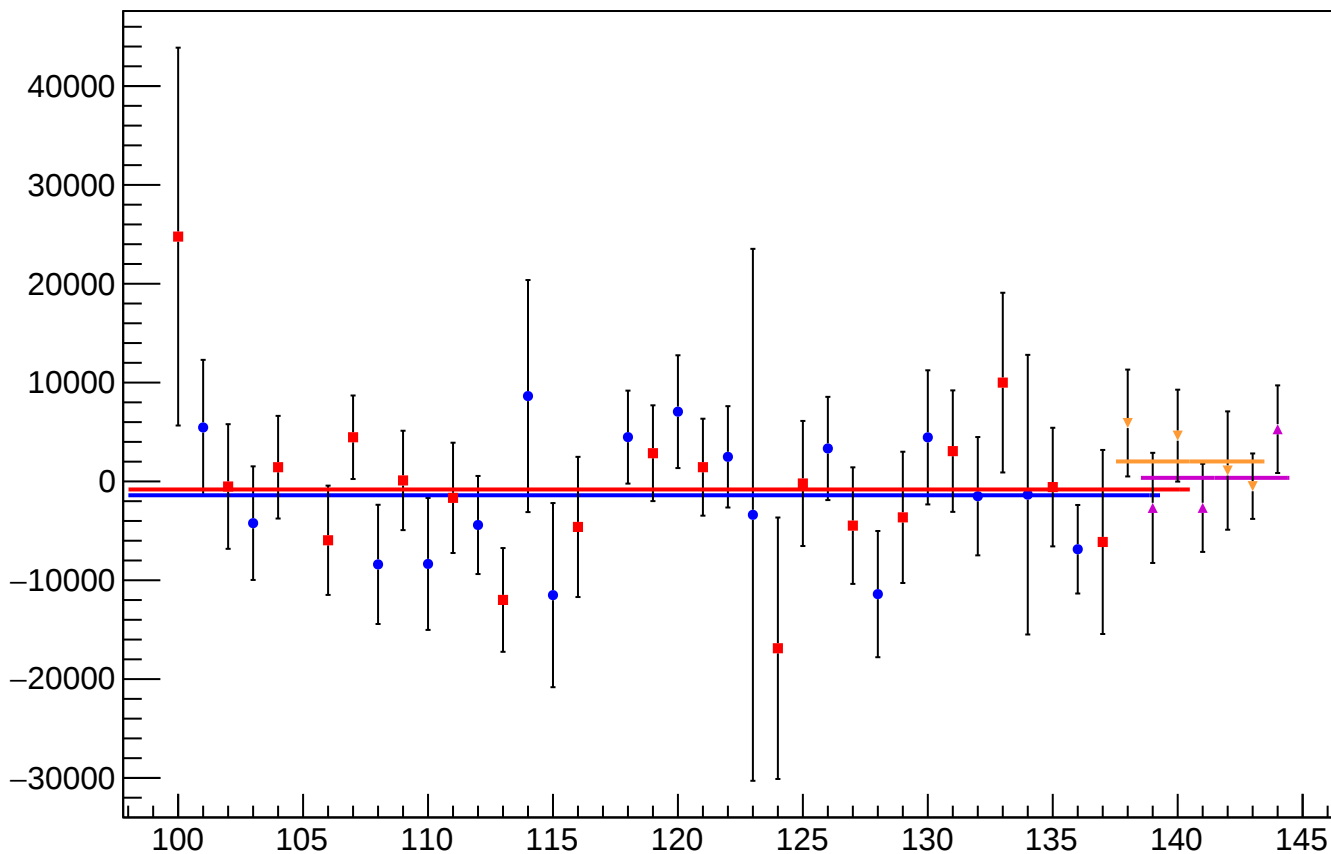
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3635.200 $\pm$ 0.860 χ^2 /NDF: 462339.1/19

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

All: 3007.386 $\pm$ 0.518 χ^2 /NDF: 4177919.7/42

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 $\pm$ 1504.149 χ^2 /NDF: 15.8/16

Left Out: 2020.378 $\pm$ 2238.072 χ^2 /NDF: 1.4/3

Right Out: -814.071 $\pm$ 1379.106 χ^2 /NDF: 14.3/18

Left In: 361.372 $\pm$ 2738.294 χ^2 /NDF: 2.0/2

Left: 1355.969 $\pm$ 1732.901 χ^2 /NDF: 3.6/6

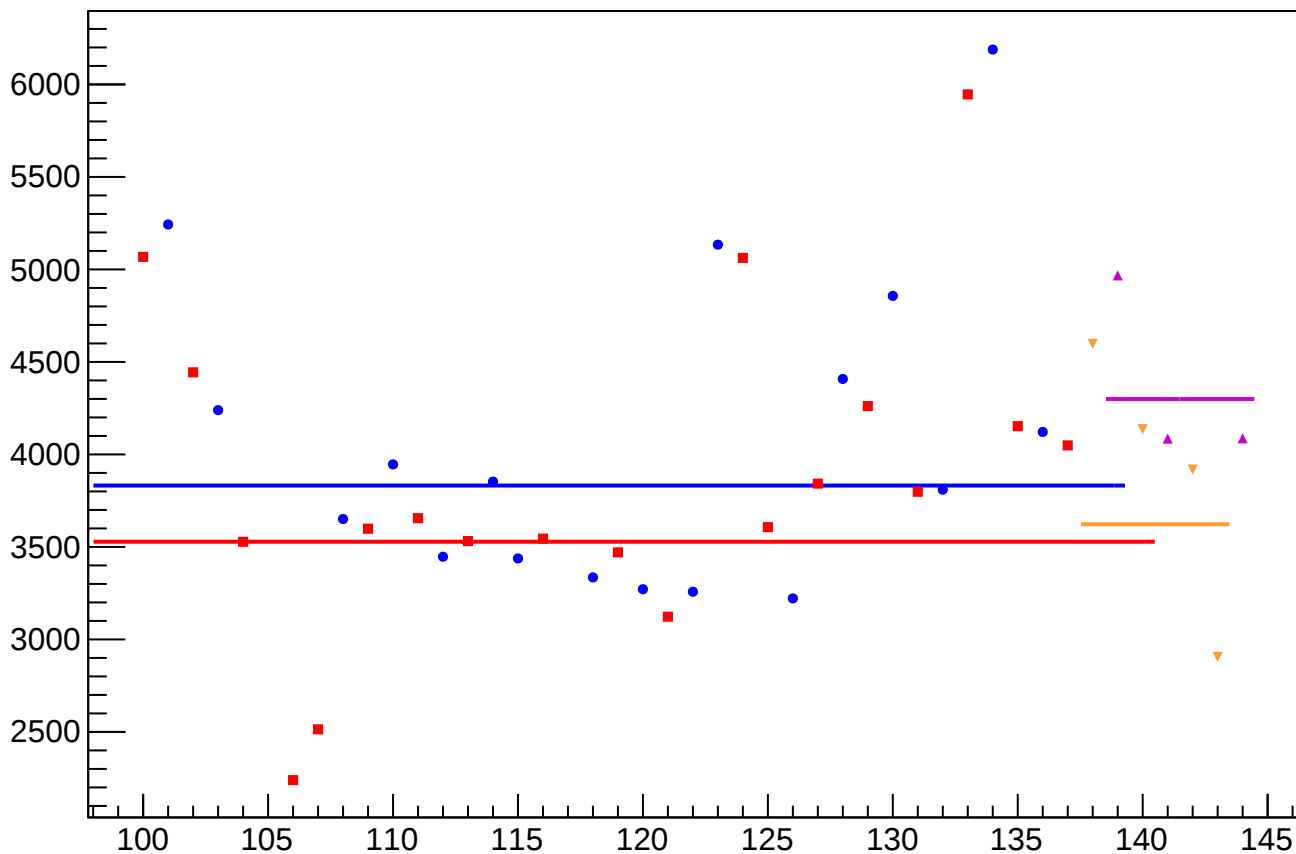
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -992.834 $\pm$ 1318.348 χ^2 /NDF: 18.1/19

Out: -34.009 $\pm$ 1174.098 χ^2 /NDF: 16.8/22

All: -458.115 $\pm$ 876.794 χ^2 /NDF: 35.3/42

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 4299.373+/-1.936 χ^2/NDF :37979.5/2

Left: 3893.596+/-1.225 χ^2/NDF : 299421.1/6

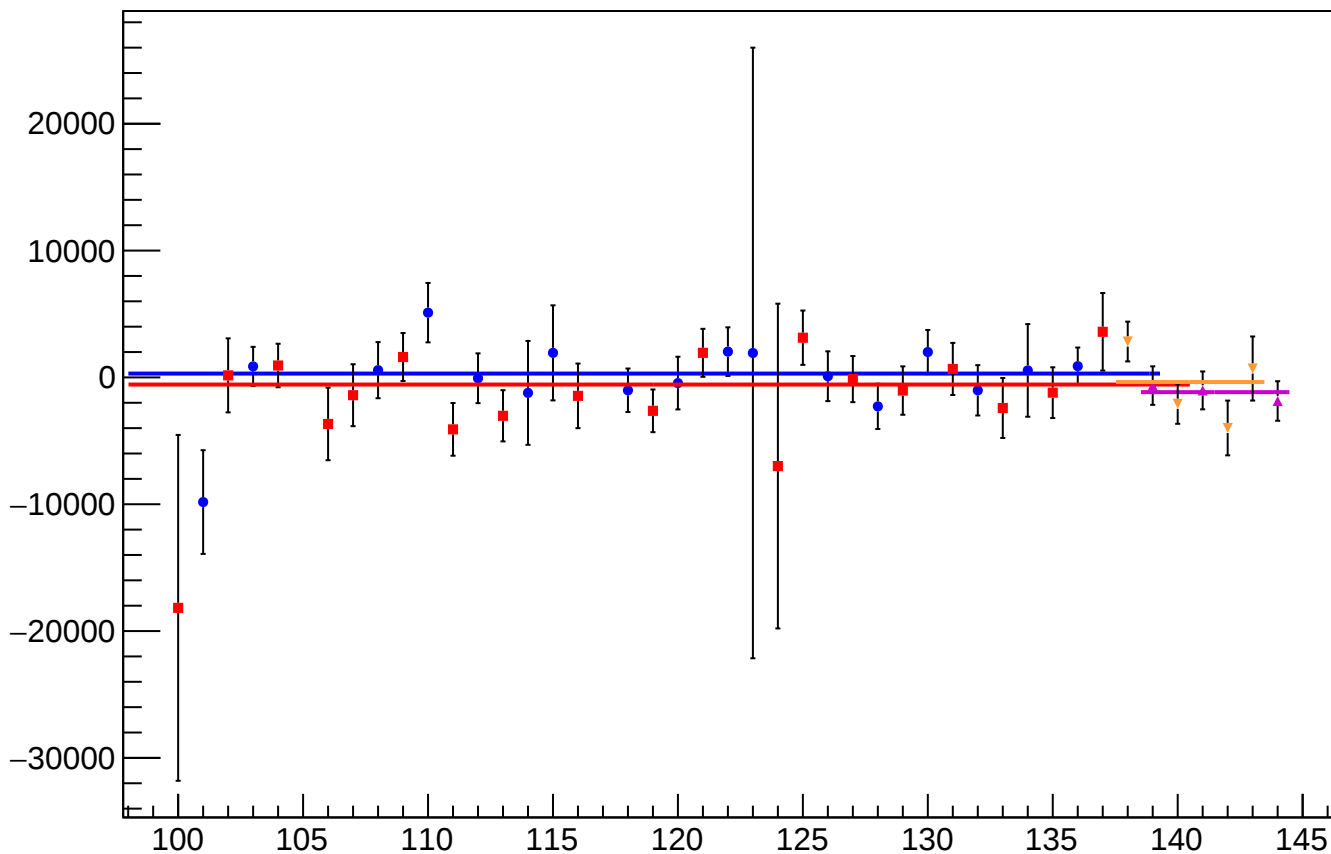
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 3940.190+/-0.932 χ^2/NDF :420480.4/19

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

All: 3723.416+/-0.618 χ^2/NDF : 1264852.4/42

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1162.498 $\pm$ 879.325 χ^2 /NDF:0.3/2

Left: -782.200 $\pm$ 635.888 χ^2 /NDF: 9.0/6

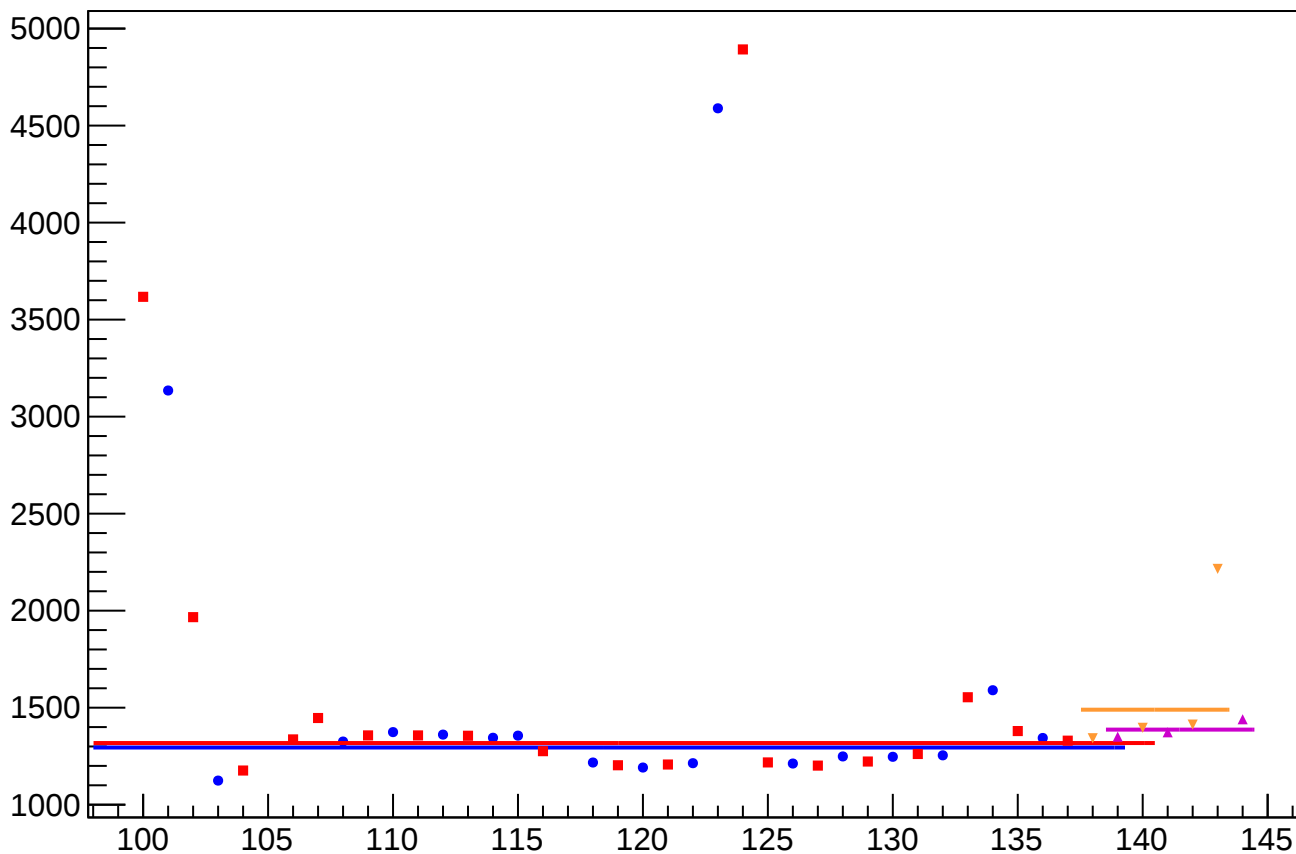
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -69.725 $\pm$ 442.998 χ^2 /NDF:18.5/19

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

All: -291.966 $\pm$ 313.954 χ^2 /NDF: 46.5/42

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1386.952+/-0.622 χ^2/NDF :3655.1/2

Left: 1435.932+/-0.450 χ^2/NDF : 208850.5/6

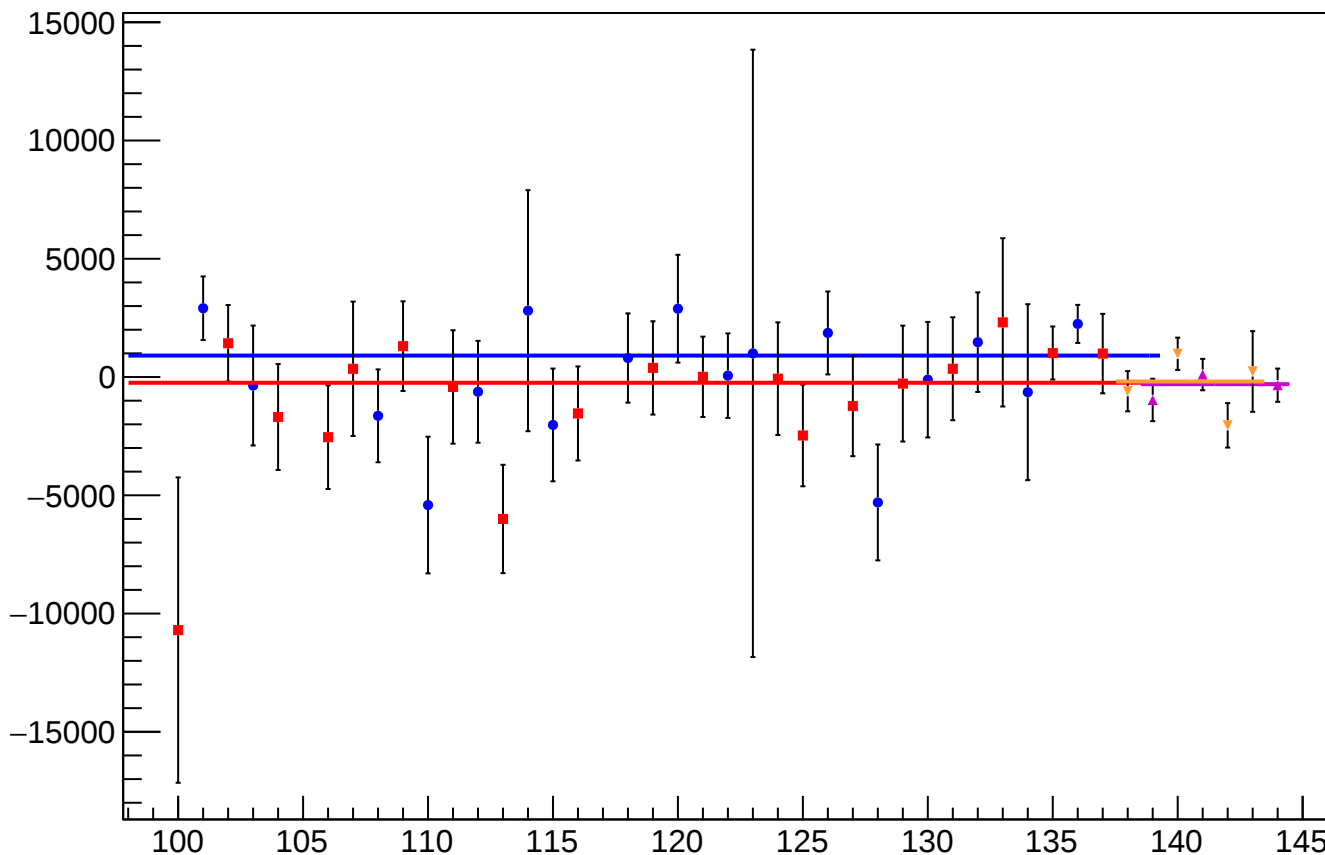
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1318.136+/-0.313 χ^2/NDF :527874.7/19

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

All: 1337.945+/-0.222 χ^2/NDF : 1172298.7/42

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -301.132+/-424.622 χ^2/NDF : 0.9/2

Left: -247.896+/-307.868 χ^2/NDF : 8.1/6

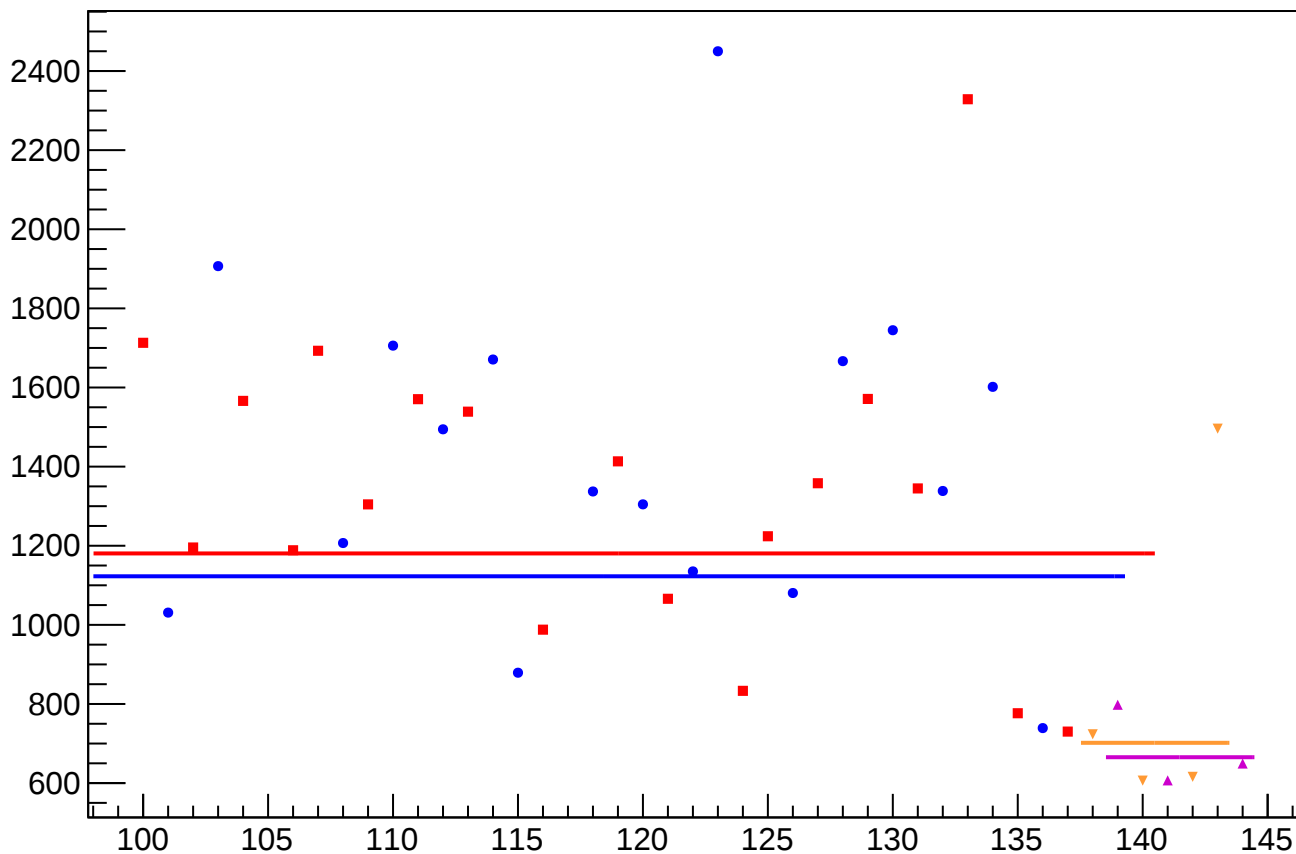
Right: 341.565+/-324.946 χ^2/NDF : 41.6/35

In: 260.008+/-310.704 χ^2/NDF : 26.7/19

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

All: 30.938+/-223.489 χ^2/NDF : 51.4/42

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 665.406+/-0.300 χ^2/NDF : 60503.7/2

Left: 682.683+/-0.218 χ^2/NDF : 557678.0/6

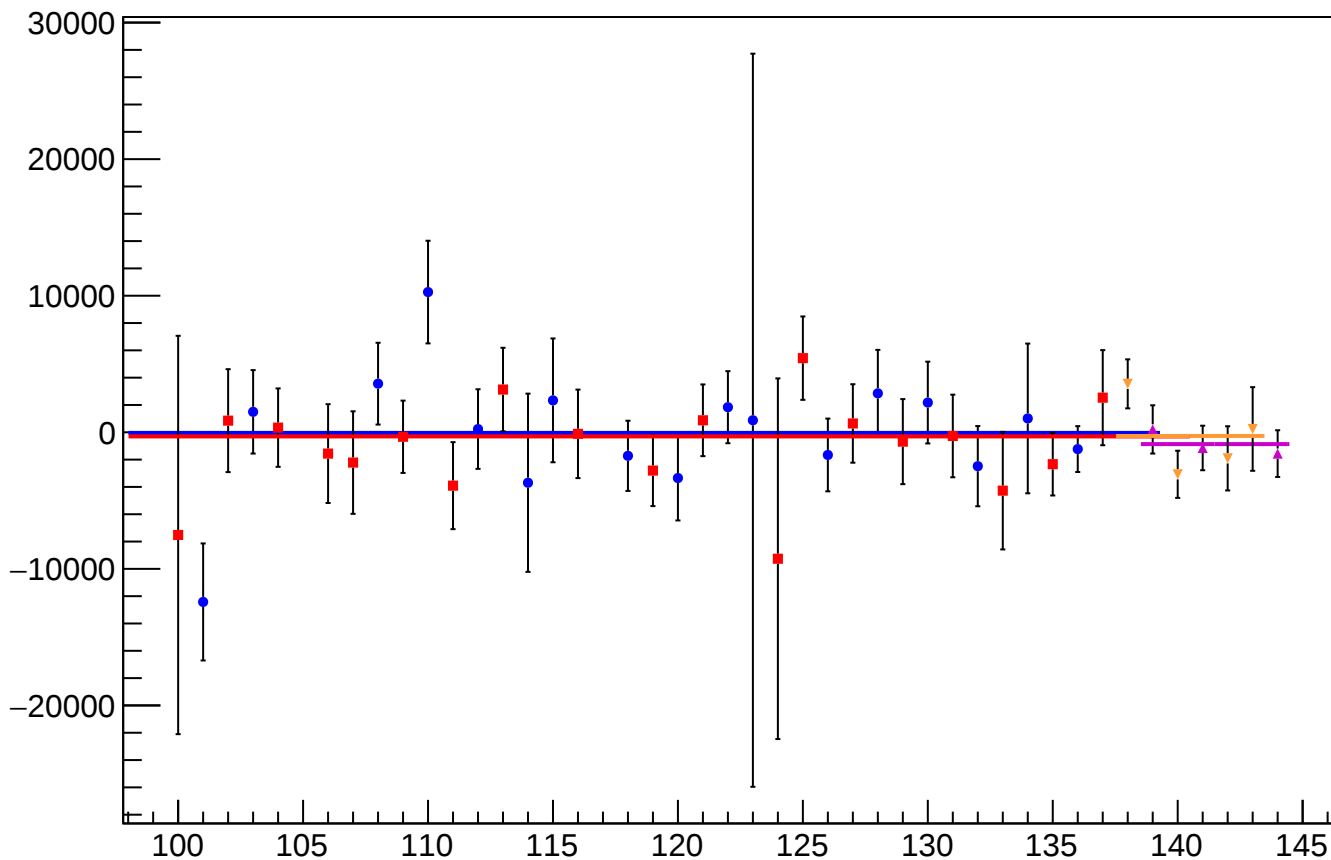
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 877.894+/-0.220 χ^2/NDF : 2326508.5/19

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

All: 904.303+/-0.158 χ^2/NDF : 4987779.6/42

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -864.624 ± 981.088 χ^2/NDF : 0.6/2

Left: -582.746 ± 712.001 χ^2/NDF : 8.4/6

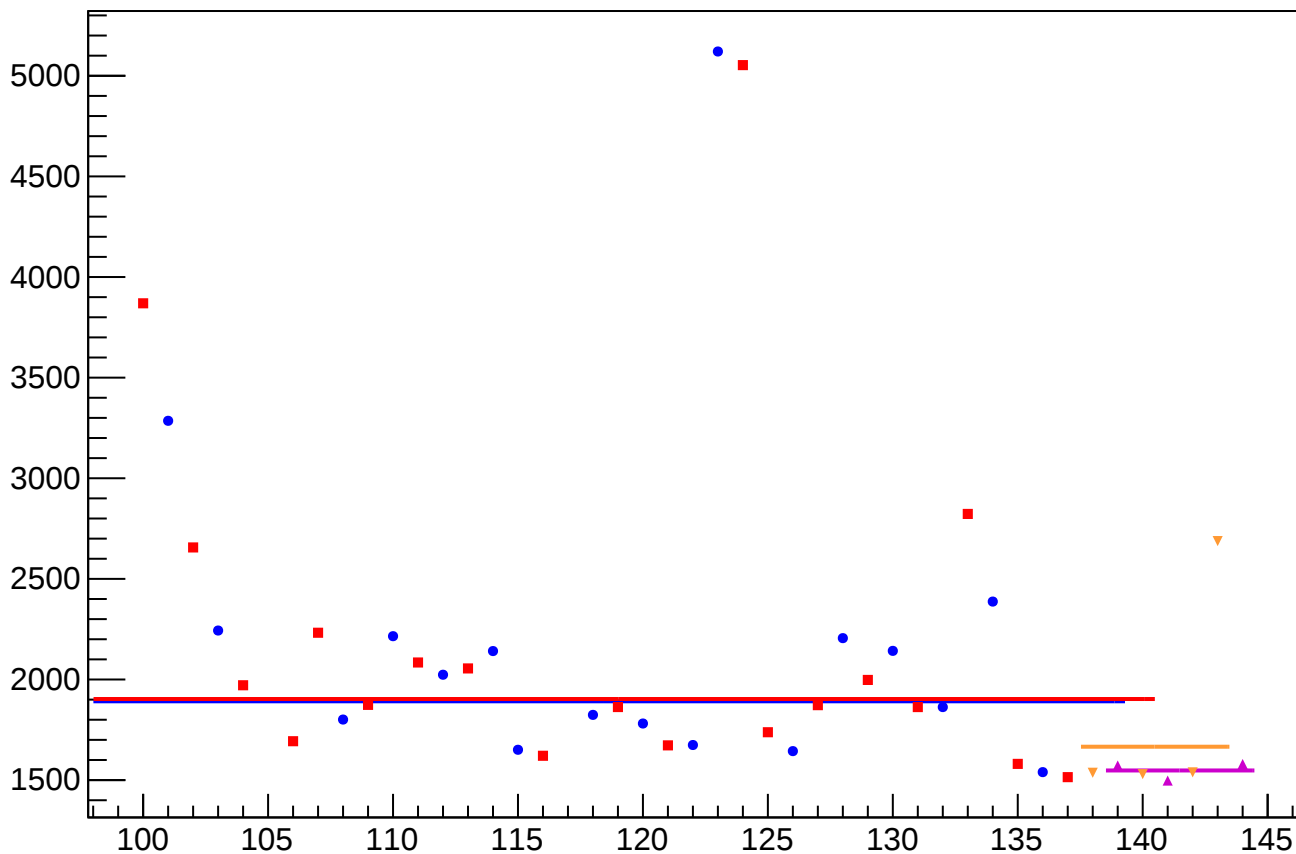
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -345.685 ± 594.628 χ^2/NDF : 24.2/19

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

All: -319.098 ± 421.987 χ^2/NDF : 42.8/42

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1547.940+/-0.694 χ^2/NDF : 2993.0/2

Left: 1603.799+/-0.503 χ^2/NDF : 268085.1/6

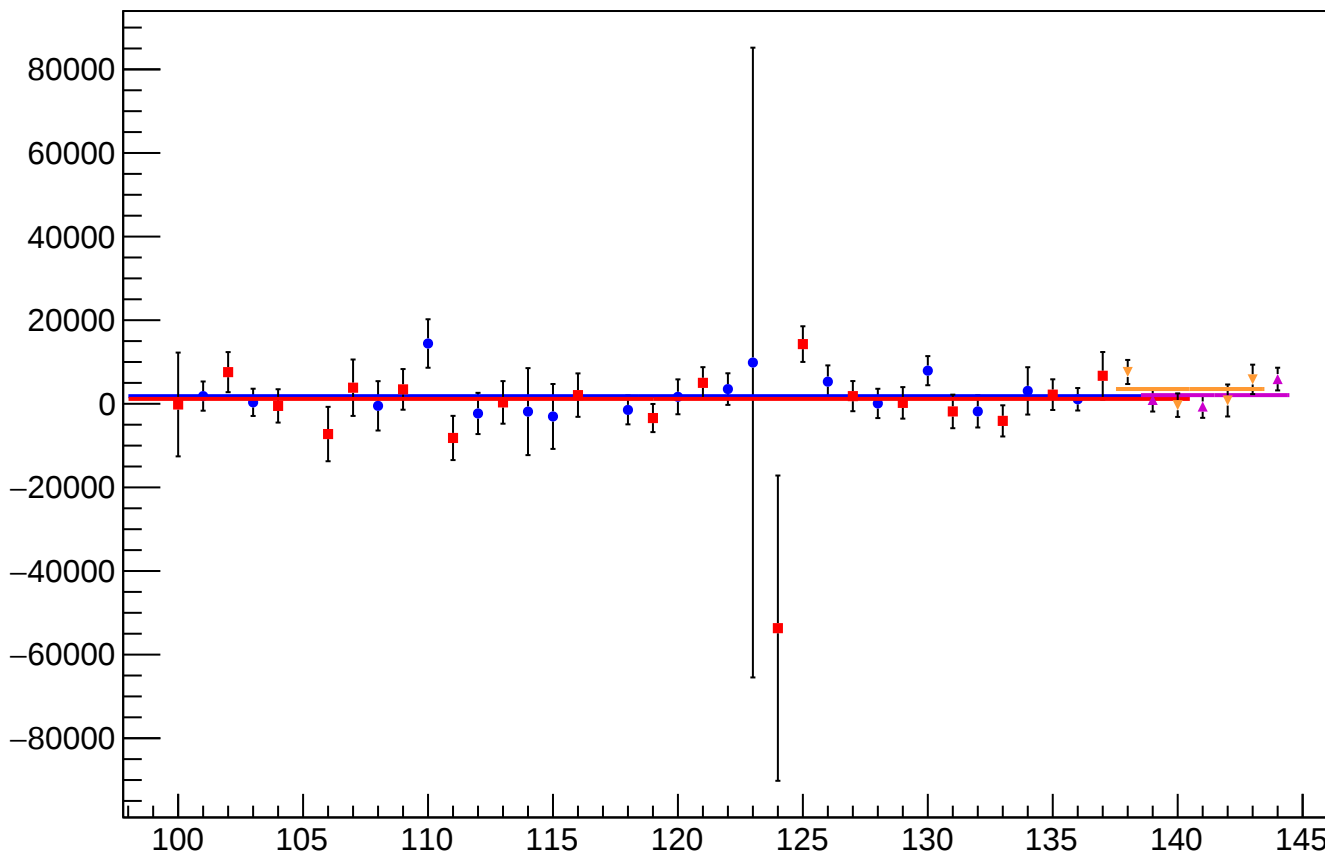
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1765.402+/-0.420 χ^2/NDF : 627395.8/19

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

All: 1794.295+/-0.298 χ^2/NDF : 1418238.1/42

dit_asym_atl1_mean vs Slug, Sign Corrected



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

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

Right Out: 1173.235+/-1046.189 χ^2/NDF : 25.5/18

Left In: 2074.069+/-1577.485 χ^2/NDF : 3.2/2

Left: 2800.854+/-1119.687 χ^2/NDF : 8.4/6

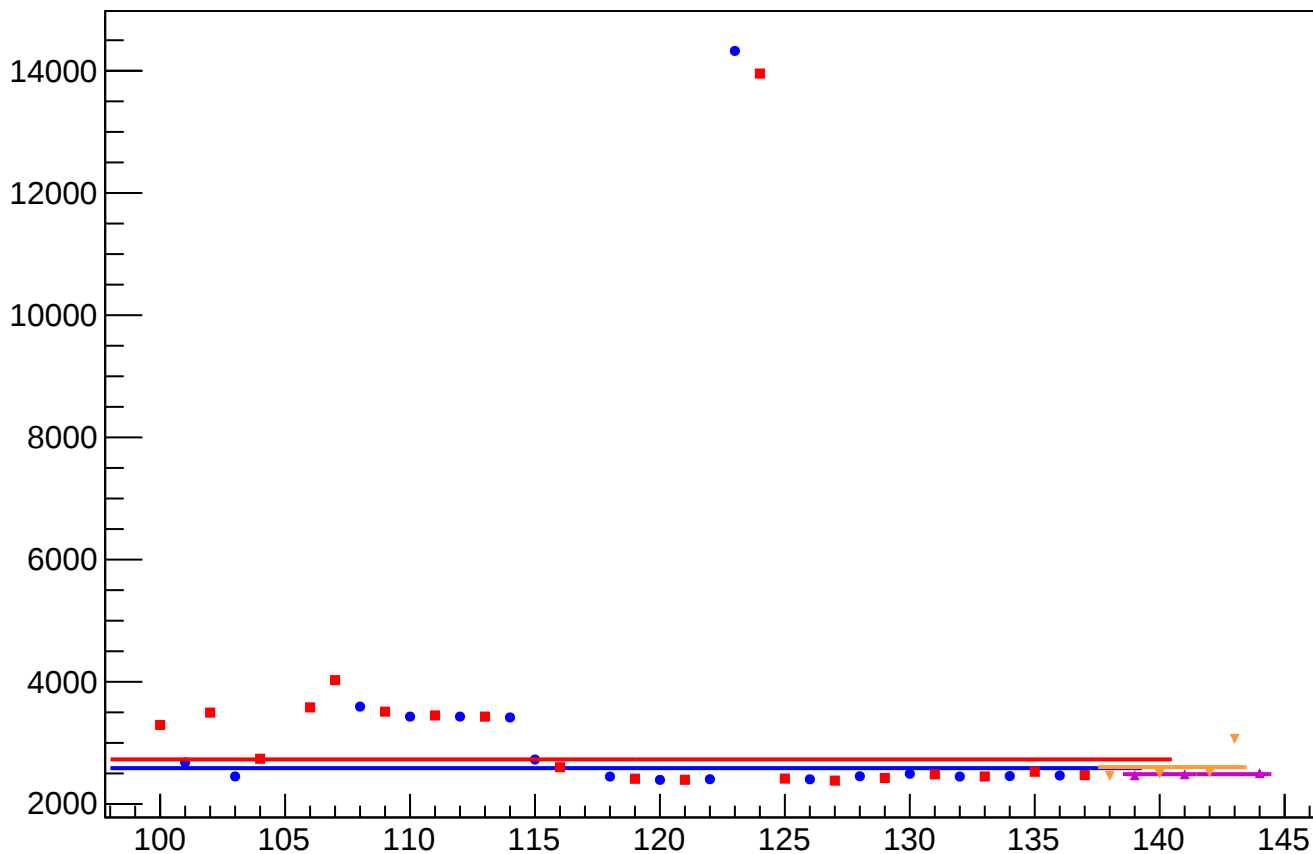
Right: 1510.553+/-726.697 χ^2/NDF : 38.2/35

In: 1897.463+/-850.694 χ^2/NDF : 15.8/19

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

All: 1892.974+/-609.568 χ^2/NDF : 47.6/42

dit_asym_atl1_rms vs Slug, Sign Corrected



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

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

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2488.999+/-1.115 χ^2/NDF : 168.9/2

Left: 2546.059+/-0.792 χ^2/NDF : 48852.1/6

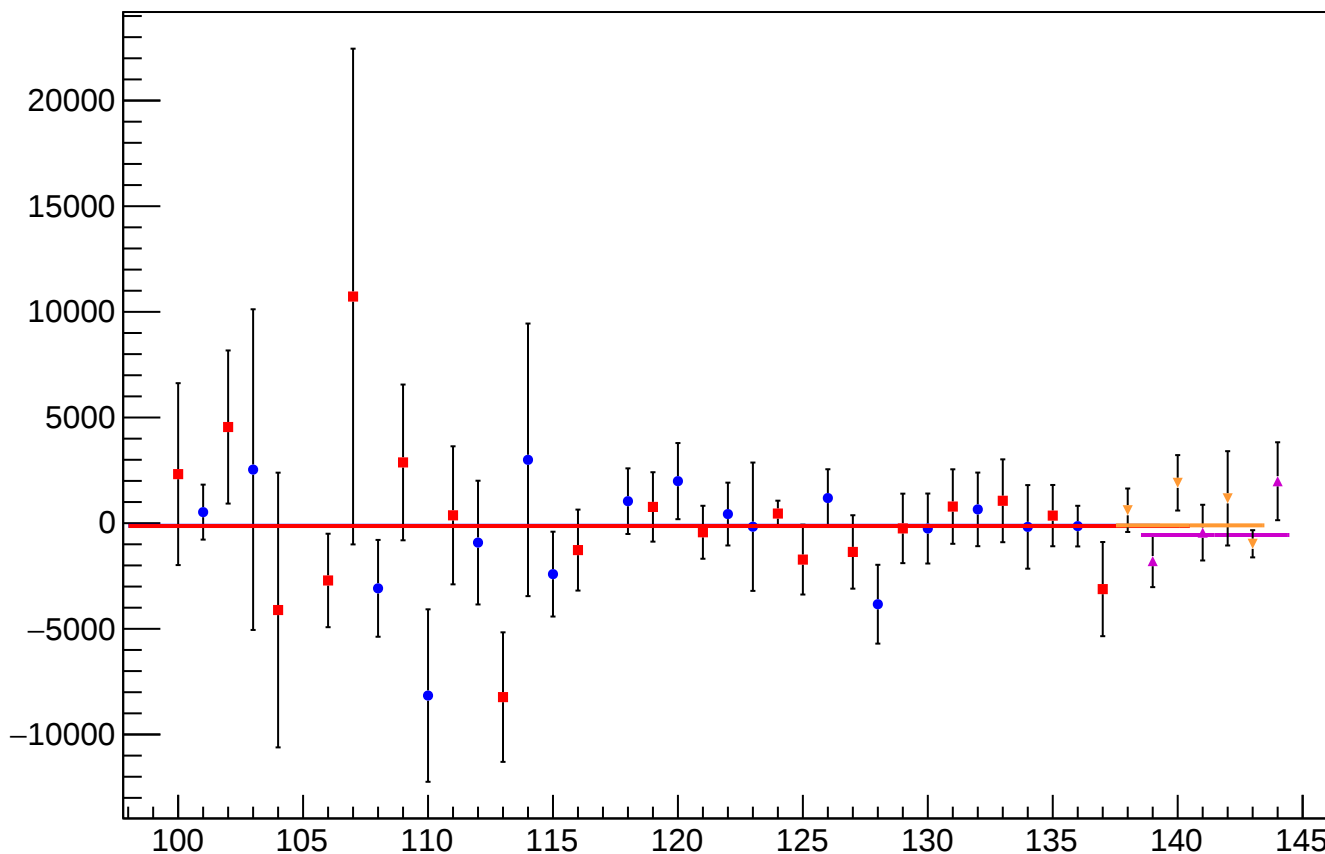
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2558.484+/-0.602 χ^2/NDF : 259753.3/19

Out: 2692.252+/-0.618 χ^2/NDF : 637239.5/22

All: 2623.569+/-0.431 χ^2/NDF : 921053.8/42

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: -135.340 $\pm$ 379.439 χ^2 /NDF: 17.9/18

Left In: -559.694 $\pm$ 809.113 χ^2 /NDF:2.9/2

Left: -226.500 $\pm$ 420.111 χ^2 /NDF: 8.1/6

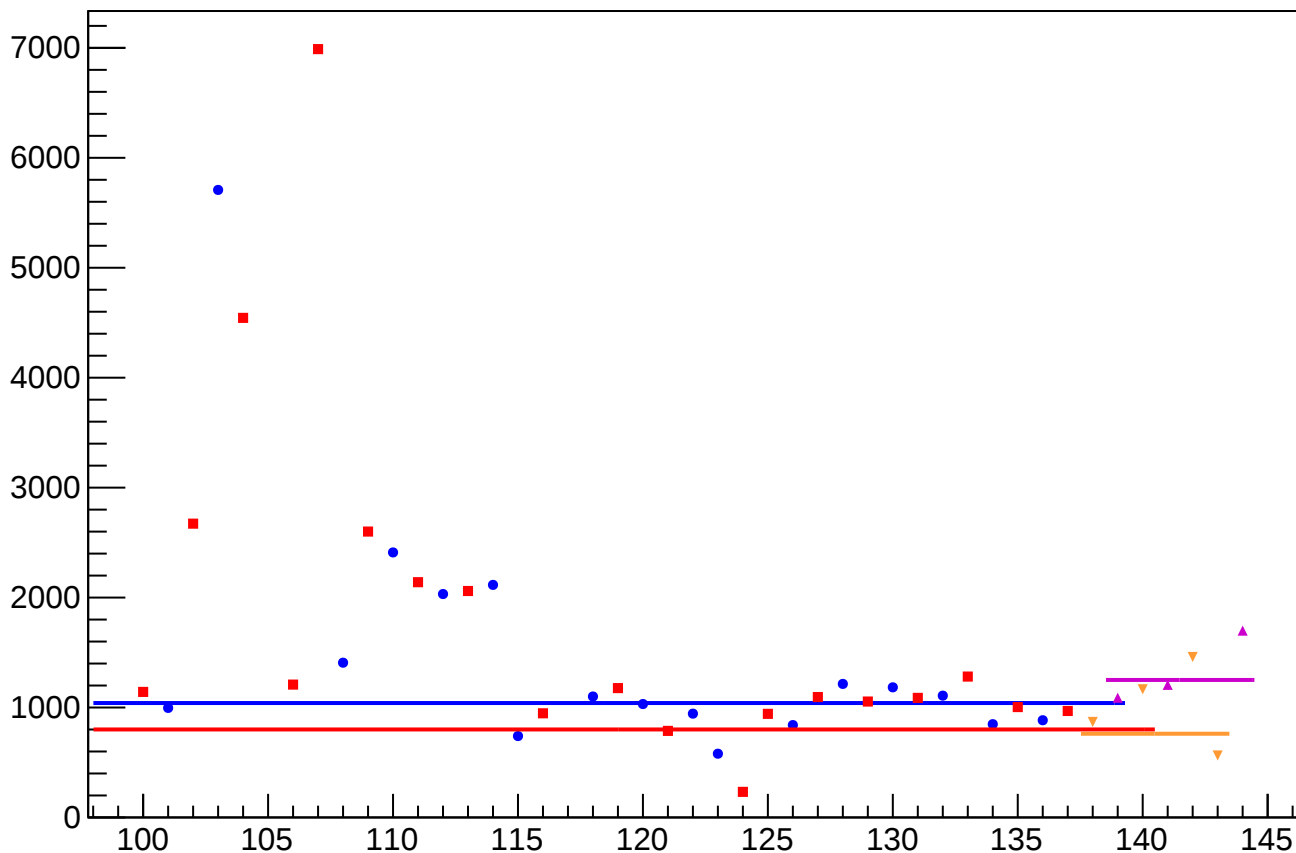
Right: -130.591 $\pm$ 284.729 χ^2 /NDF: 32.6/35

In: -220.587 $\pm$ 380.232 χ^2 /NDF:17.8/19

Out: -123.459 $\pm$ 300.365 χ^2 /NDF:22.9/22

All: -160.780 $\pm$ 235.696 χ^2 /NDF: 40.8/42

asym_atl1_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 1250.778+/-0.572 χ^2/NDF : 155019.9/2

Left: 893.376+/-0.297 χ^2/NDF : 1285613.2/6

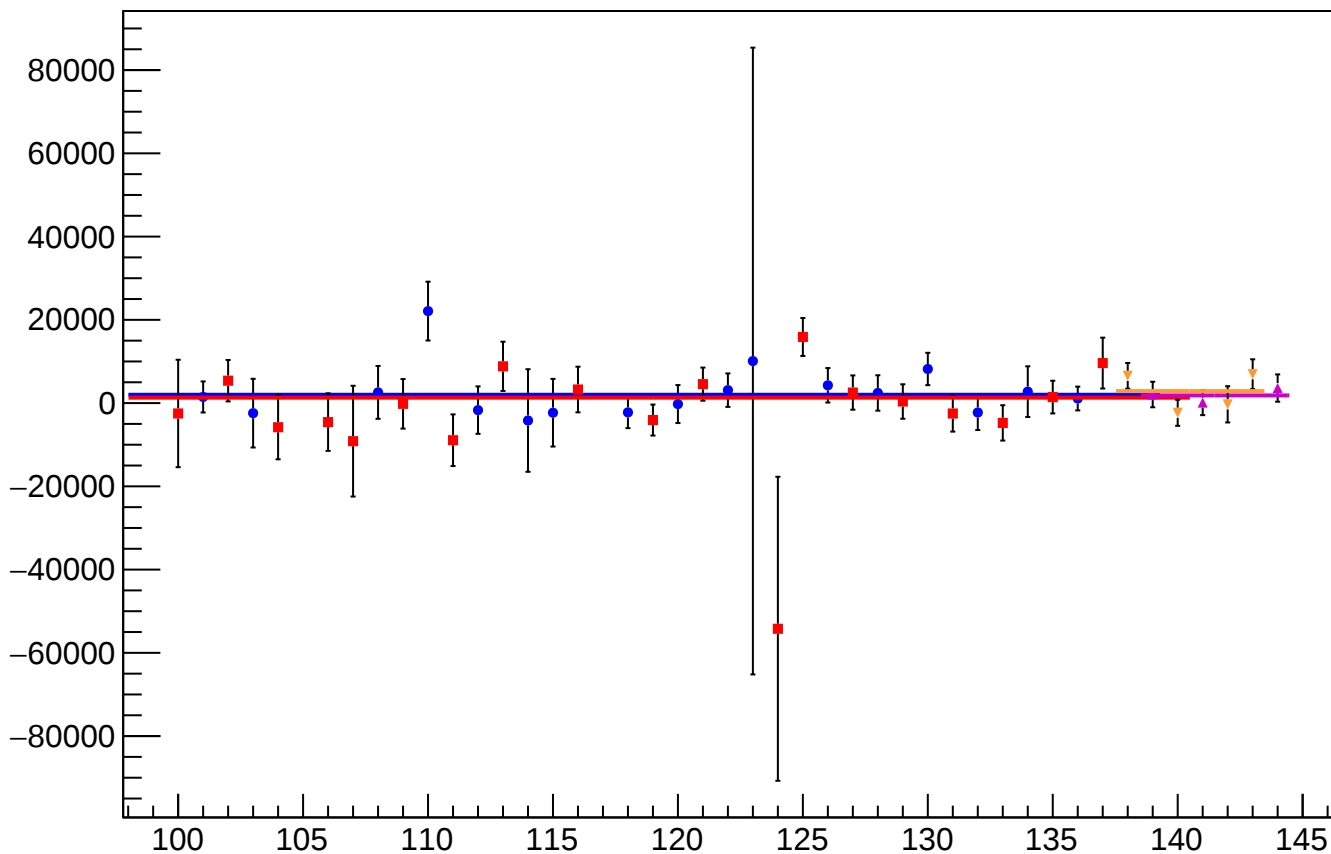
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 1087.141+/-0.269 χ^2/NDF : 1833045.1/19

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

All: 901.629+/-0.167 χ^2/NDF : 8397421.0/42

asym_atl1_mean vs Slug, Sign Corrected



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

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

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1841.847+/-1798.775 χ^2/NDF : 0.6/2

Left: 2383.162+/-1244.153 χ^2/NDF : 6.8/6

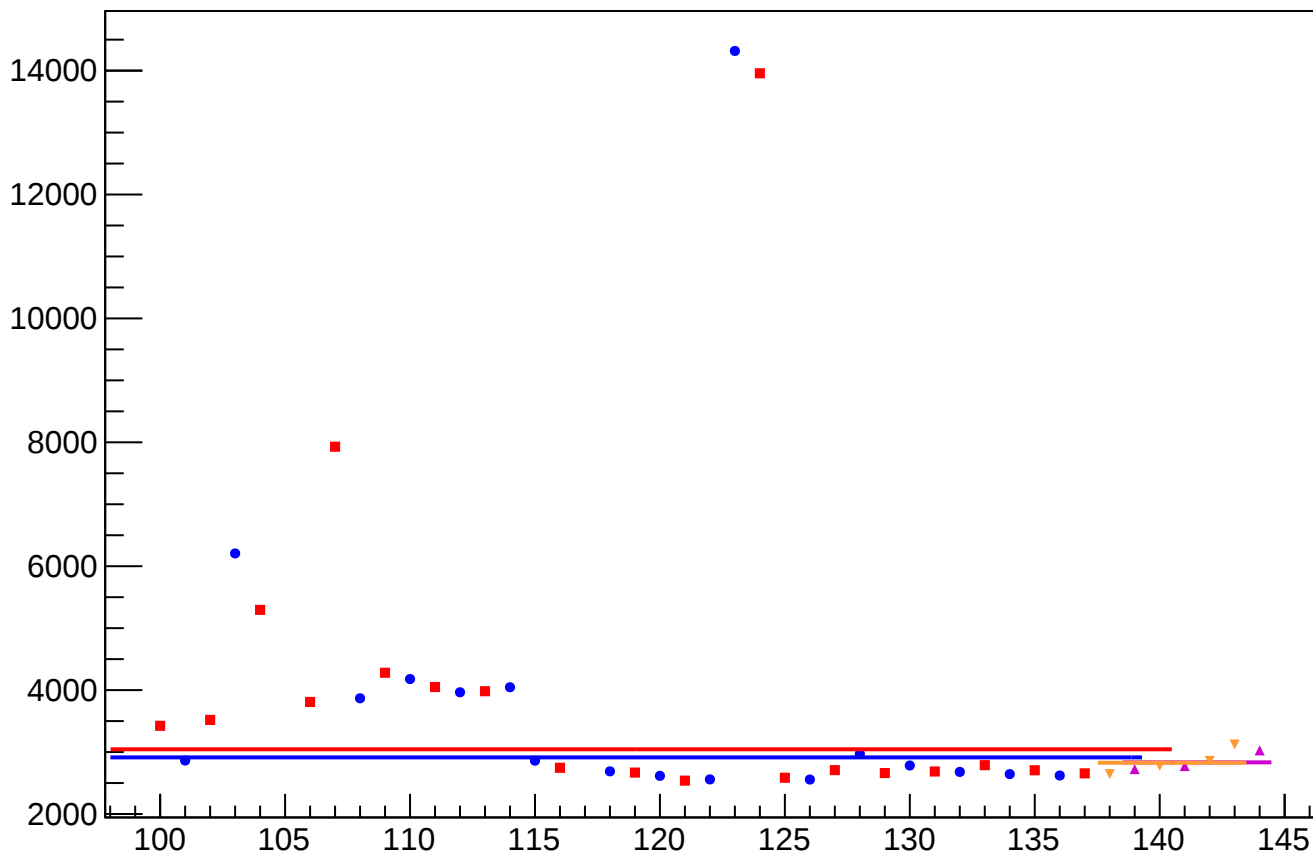
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1951.181+/-971.926 χ^2/NDF : 15.5/19

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

All: 1882.195+/-689.518 χ^2/NDF : 49.7/42

asym_atl1_rms vs Slug, Sign Corrected



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

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

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2833.571+/-1.272 χ^2/NDF :10268.2/2

Left: 2830.641+/-0.880 χ^2/NDF : 31353.9/6

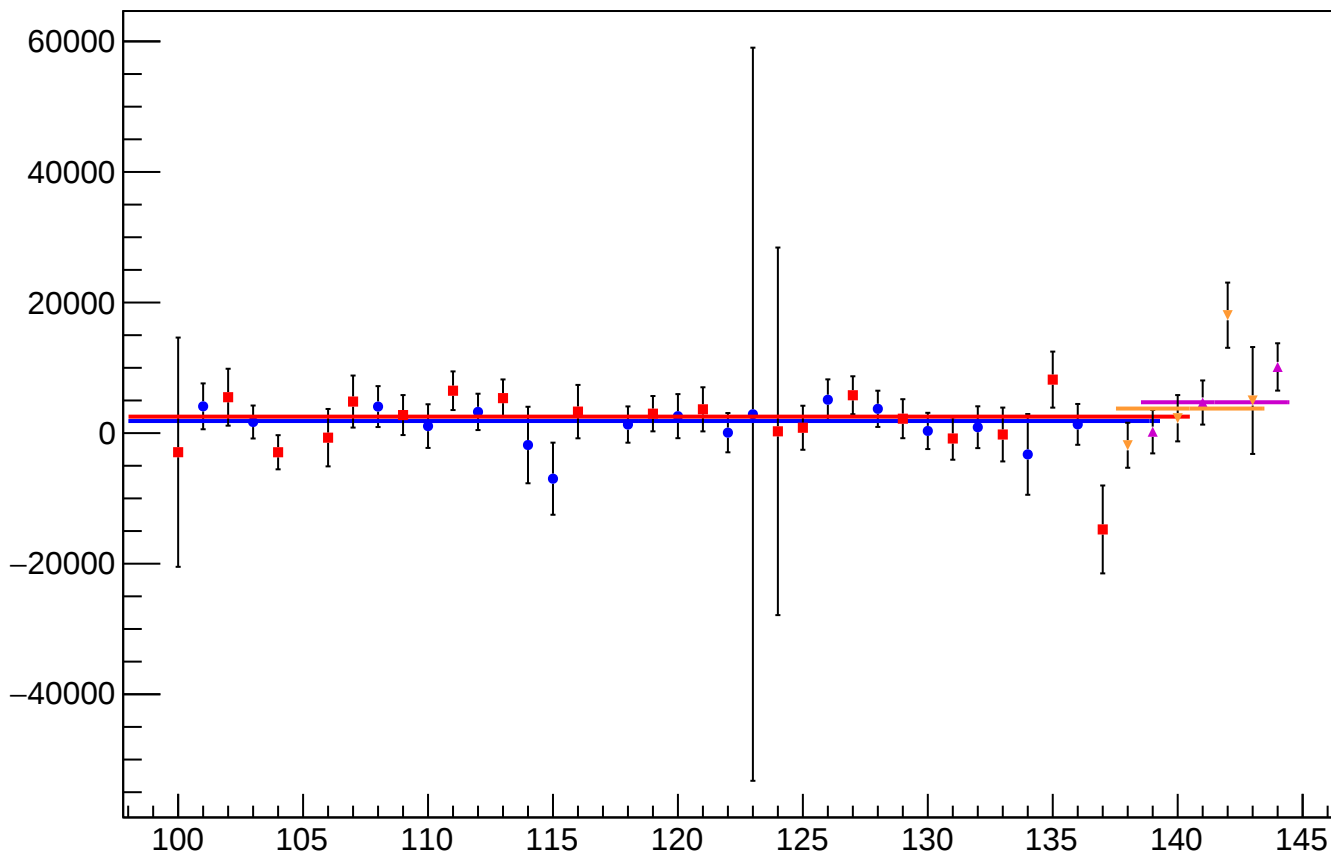
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2890.430+/-0.687 χ^2/NDF :652075.2/19

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

All: 2932.256+/-0.488 χ^2/NDF : 1707338.2/42

dit_asym_atl2_mean vs Slug, Sign Corrected



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

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

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

Left In: 4726.958+/-1984.151 χ^2/NDF : 4.1/2

Left: 4280.102+/-1454.300 χ^2/NDF : 15.2/6

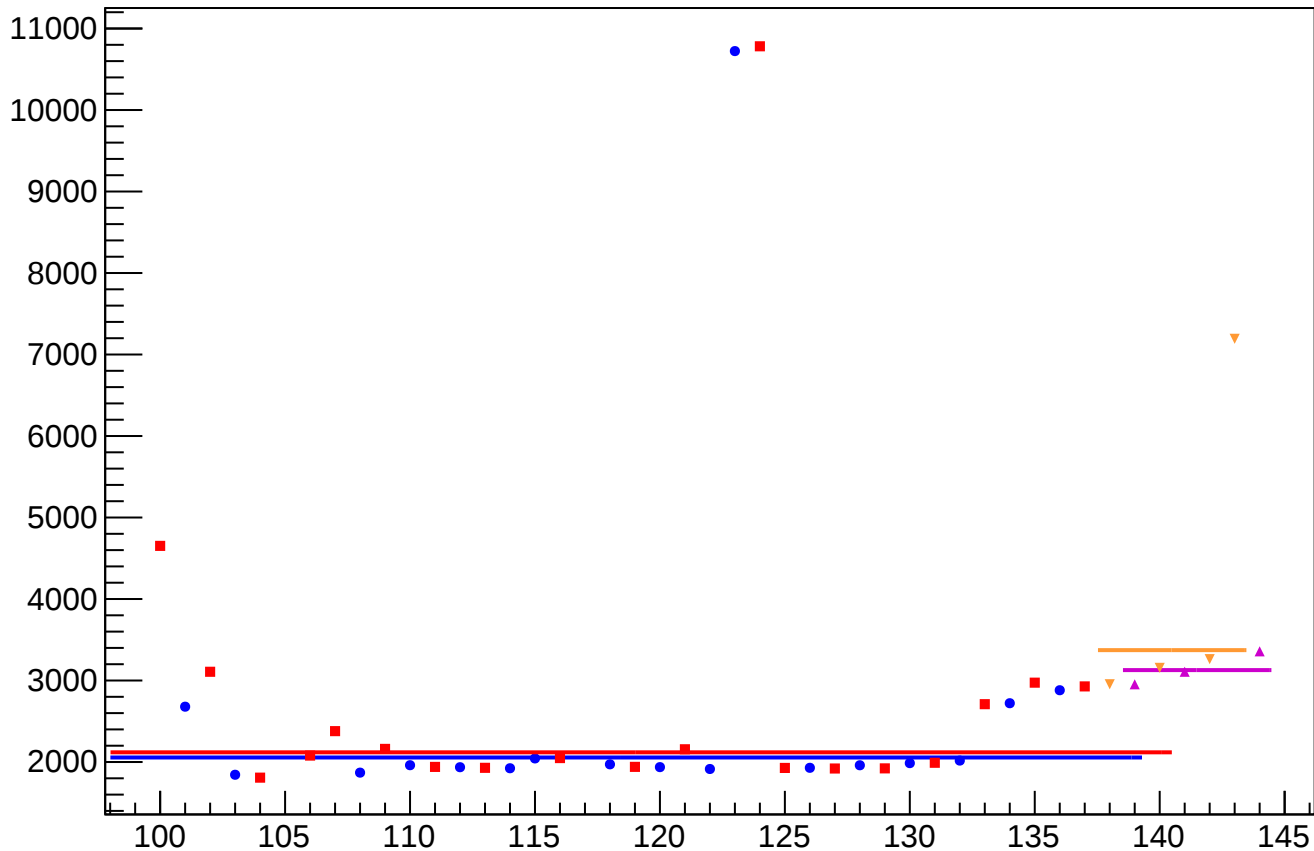
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 2258.235+/-747.344 χ^2/NDF : 13.1/19

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

All: 2465.140+/-534.358 χ^2/NDF : 44.7/42

dit_asym_atl2_rms vs Slug, Sign Corrected



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

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

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 3127.775+/-1.403 χ^2/NDF : 13632.5/2

Left: 3241.107+/-1.028 χ^2/NDF : 501240.5/6

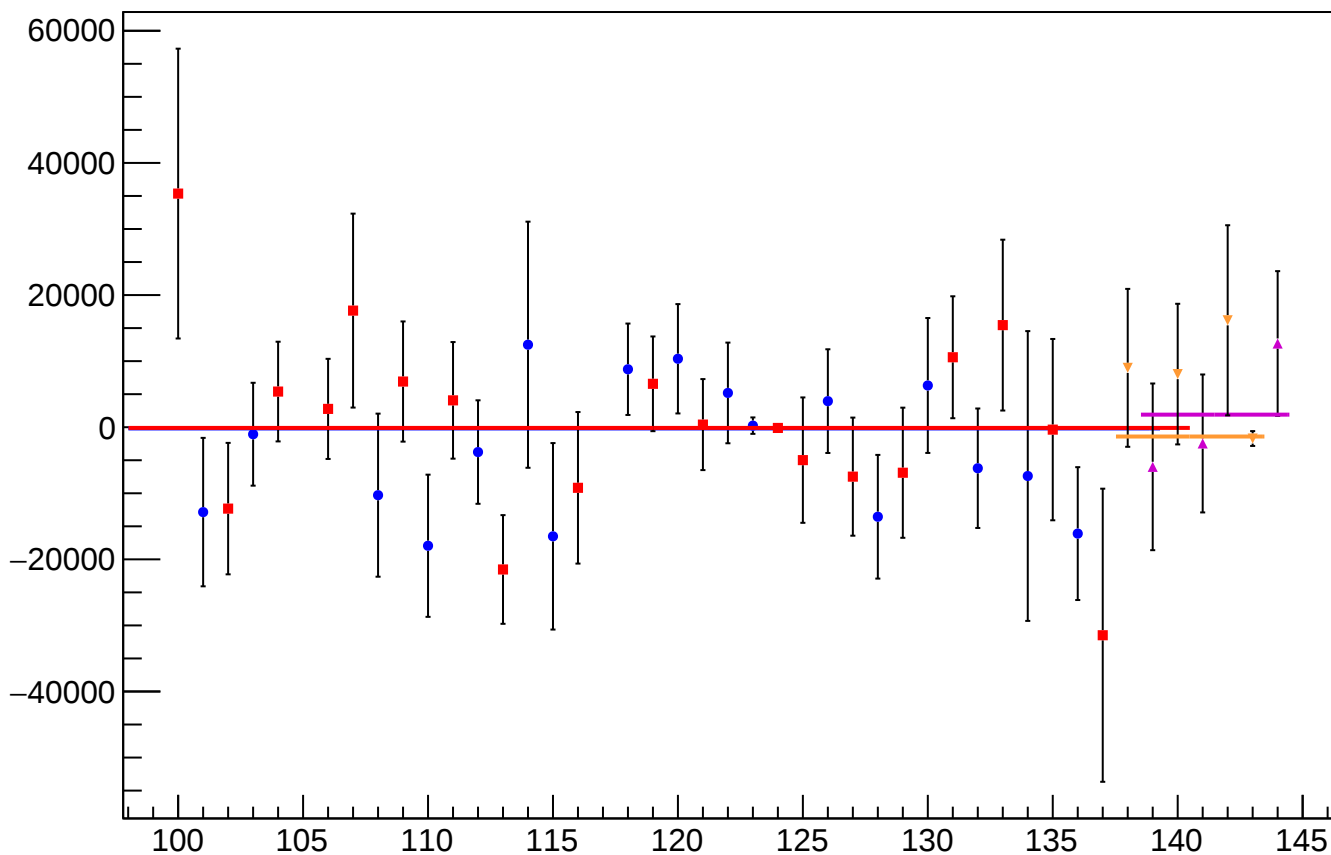
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2207.578+/-0.528 χ^2/NDF : 831306.7/19

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

All: 2242.369+/-0.378 χ^2/NDF : 2487688.1/42

asym_atl2_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 1901.767+/-6483.327 χ^2/NDF : 1.5/2

Left: -1315.360+/-1092.116 χ^2/NDF : 4.9/6

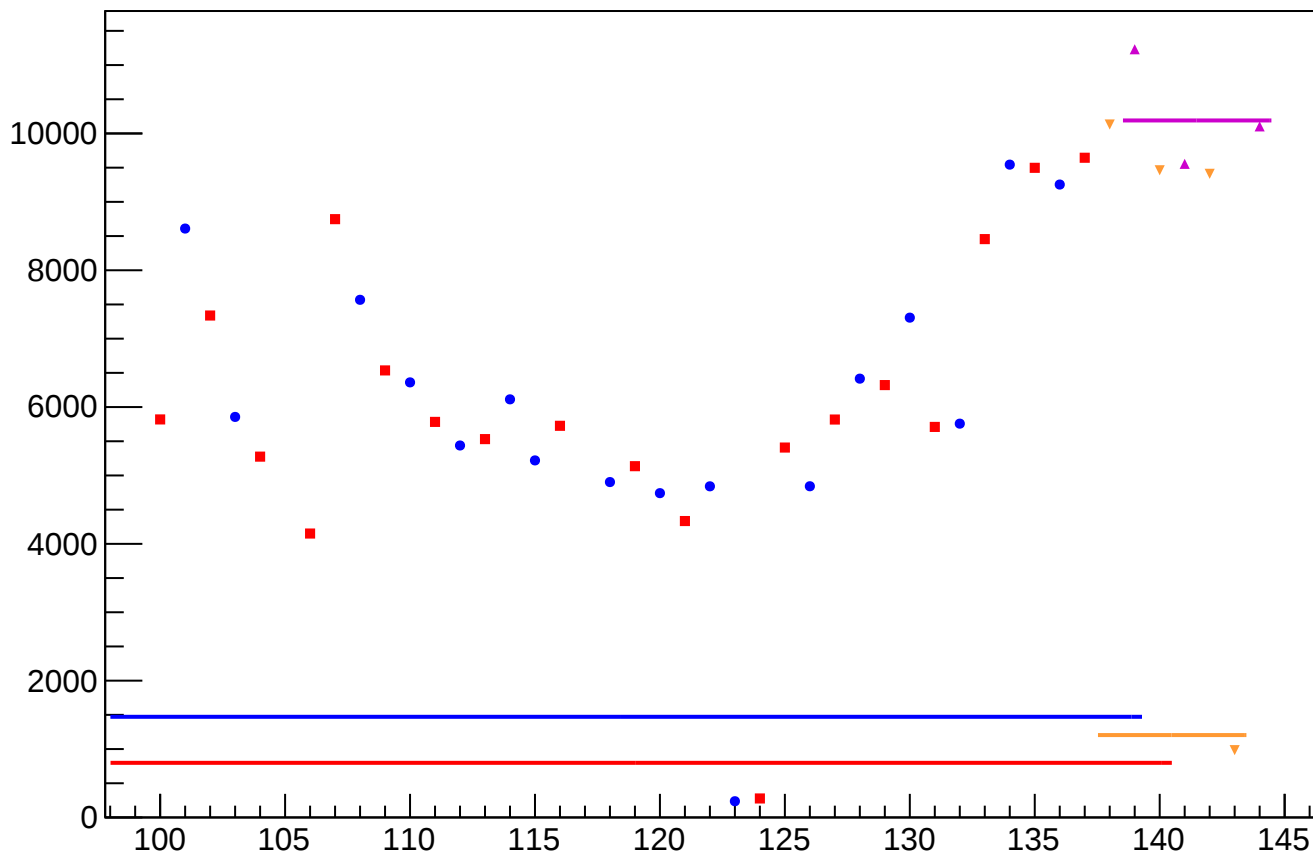
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -126.768+/-1085.248 χ^2/NDF : 18.0/19

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

All: -393.454+/-515.695 χ^2/NDF : 43.8/42

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: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 10190.223+/-4.584 χ^2/NDF : 21125.7/2

Left: 1459.442+/-0.772 χ^2/NDF : 6801775.6/6

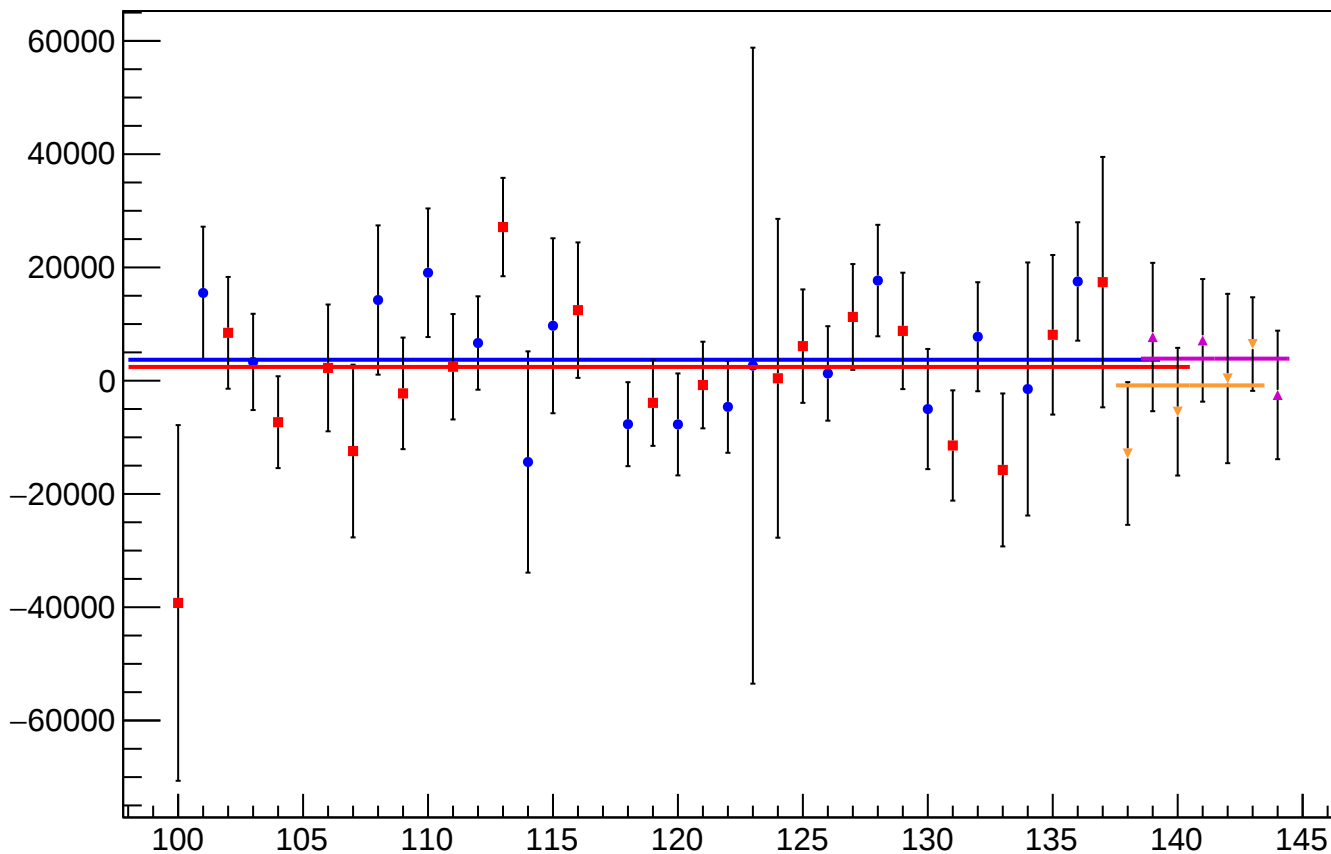
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 1715.901+/-0.767 χ^2/NDF : 13324876.6/19

Out: 912.205+/-0.414 χ^2/NDF : 14768514.0/22

All: 1093.681+/-0.365 χ^2/NDF : 28942586.7/4

asym_atl2_mean vs Slug, Sign Corrected



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

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

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 3895.216+/-6722.969 χ^2/NDF : 0.5/2

Left: 1058.787+/-4248.179 χ^2/NDF : 2.7/6

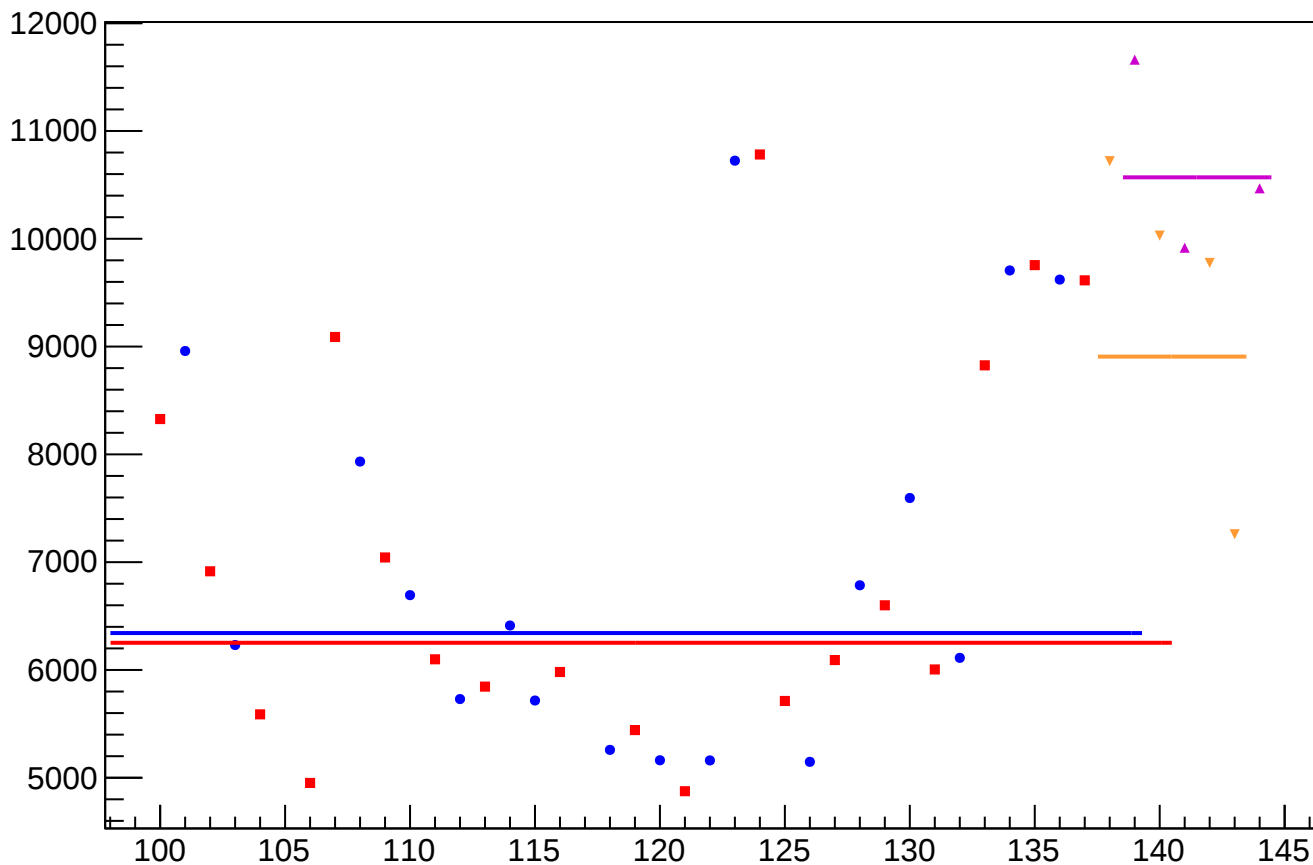
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3722.646+/-2357.994 χ^2/NDF : 14.9/19

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

All: 2753.506+/-1614.392 χ^2/NDF : 37.7/42

asym_atl2_rms vs Slug, Sign Corrected



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

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

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10569.960+/-4.754 χ^2/NDF : 21325.5/2

Left: 9570.823+/-3.004 χ^2/NDF : 242379.5/6

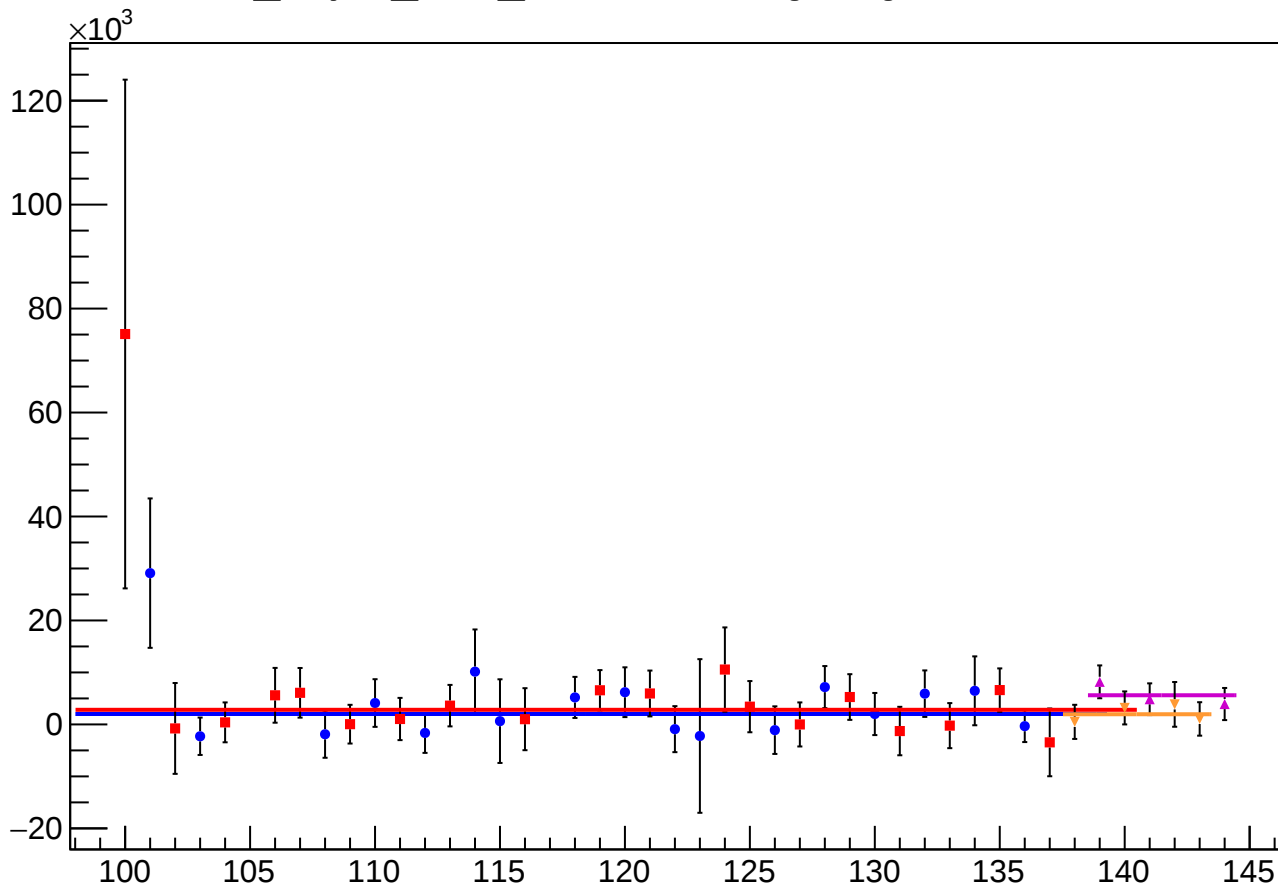
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 6862.391+/-1.667 χ^2/NDF : 1308570.9/19

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

All: 6768.458+/-1.142 χ^2/NDF : 2392615.7/42

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 1957.011+/-1708.494 χ^2/NDF : 0.6/3

Right Out: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

Left In: 5611.099+/-1789.254 χ^2/NDF : 1.0/2

Left: 3699.731+/-1235.652 χ^2/NDF : 3.8/6

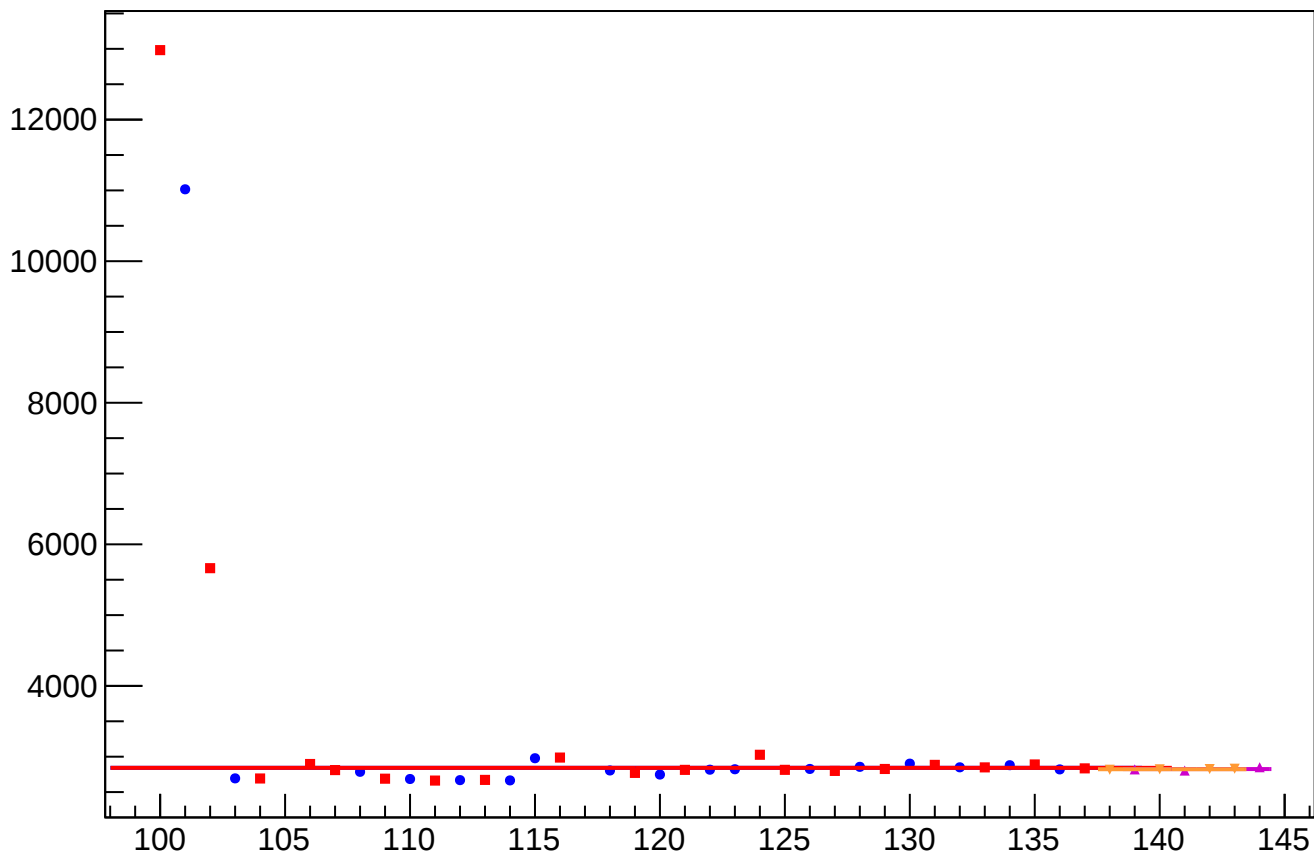
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 3026.963+/-952.650 χ^2/NDF : 17.6/19

Out: 2565.569+/-916.840 χ^2/NDF : 11.3/22

All: 2787.431+/-660.601 χ^2/NDF : 29.1/42

dit_asym_atr1_rms vs Slug, Sign Corrected



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

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

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

Left In: 2825.163+/-1.265 χ^2/NDF :240.8/2

Left: 2823.974+/-0.874 χ^2/NDF : 263.2/6

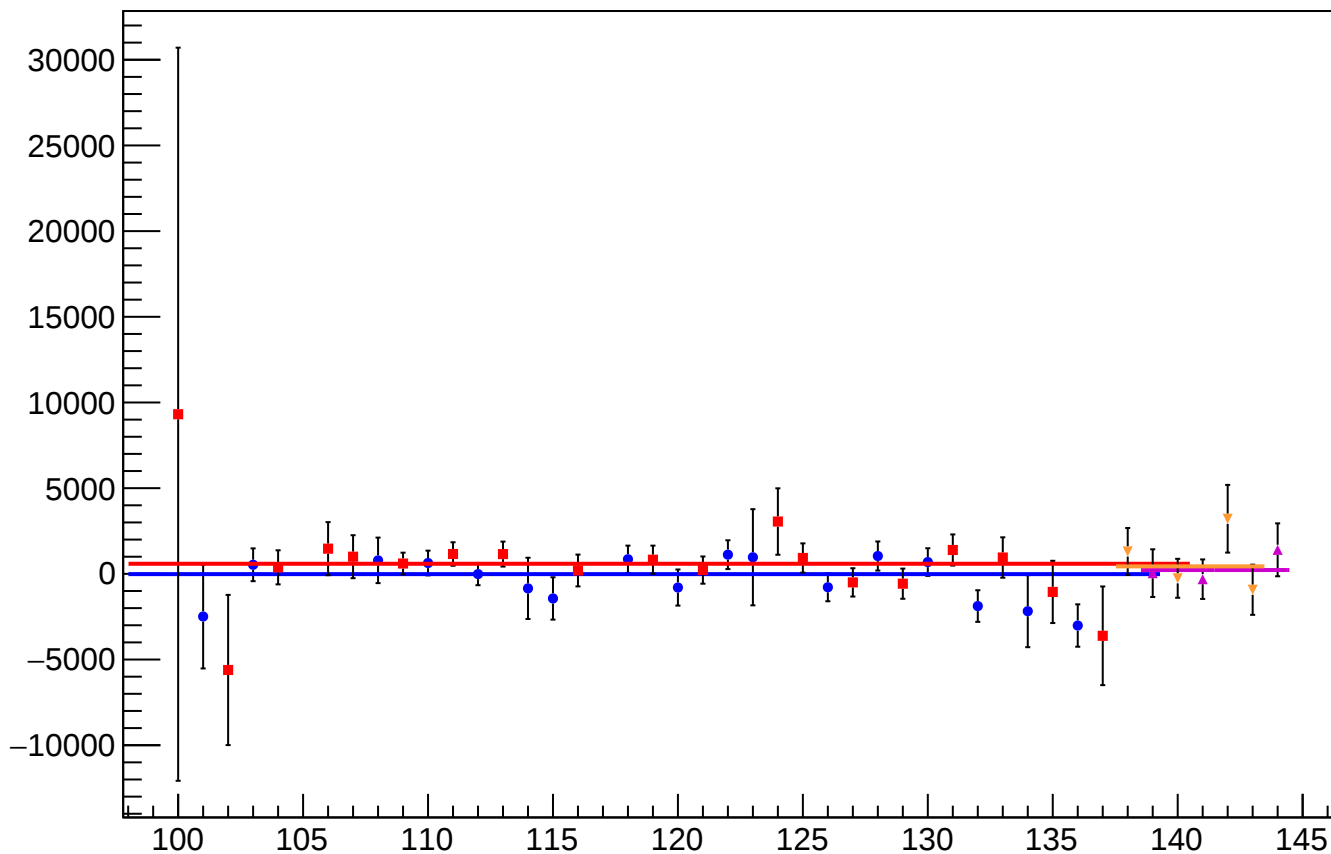
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2837.677+/-0.674 χ^2/NDF :660682.4/19

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

All: 2837.227+/-0.467 χ^2/NDF : 973226.0/42

asym_atr1_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 222.870 ± 769.816 χ^2/NDF : 0.8/2

Left: 340.175 ± 518.600 χ^2/NDF : 4.5/6

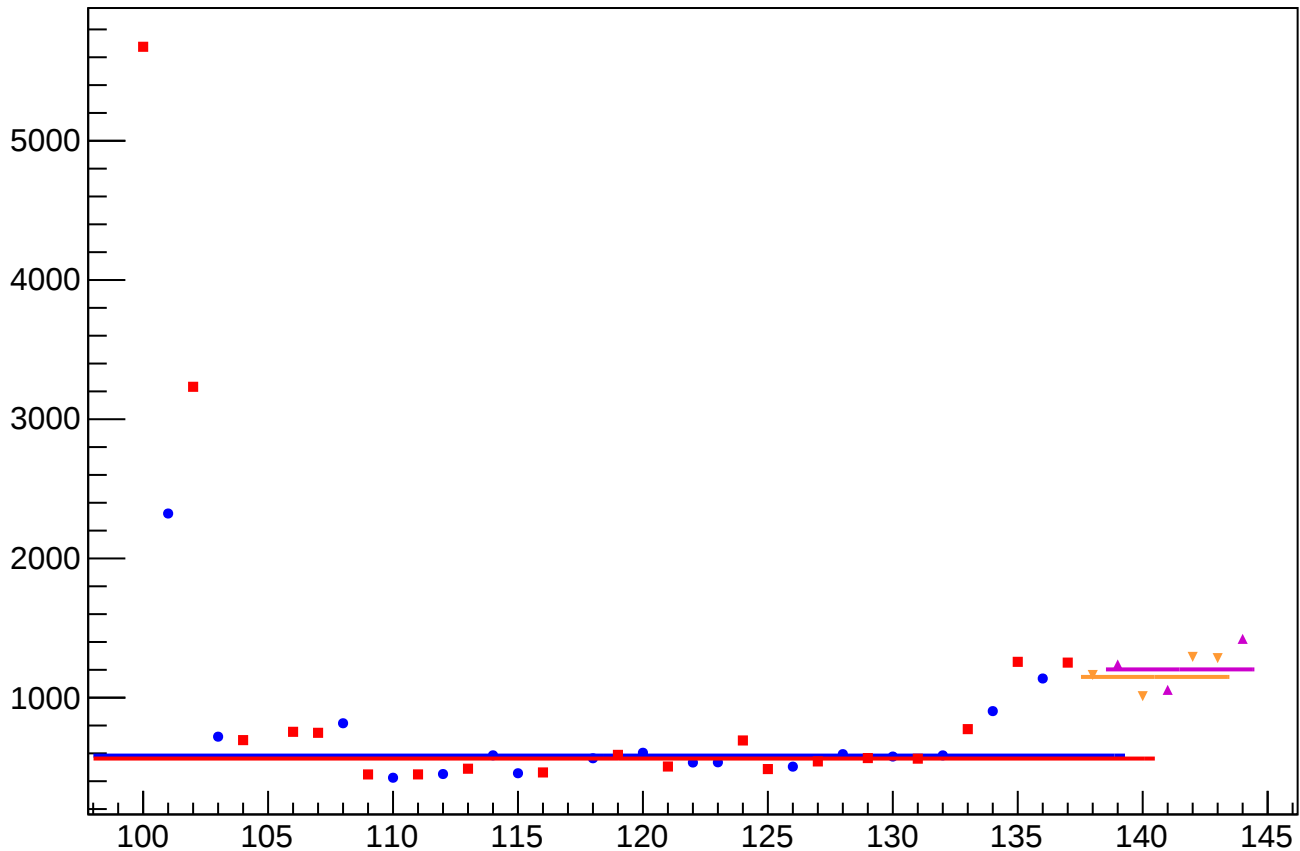
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 5.315 ± 228.133 χ^2/NDF : 22.5/19

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

All: 306.791 ± 156.444 χ^2/NDF : 43.0/42

asym_atr1_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 1203.074+/-0.544 χ^2/NDF : 74208.9/2

Left: 1173.557+/-0.367 χ^2/NDF : 137082.4/6

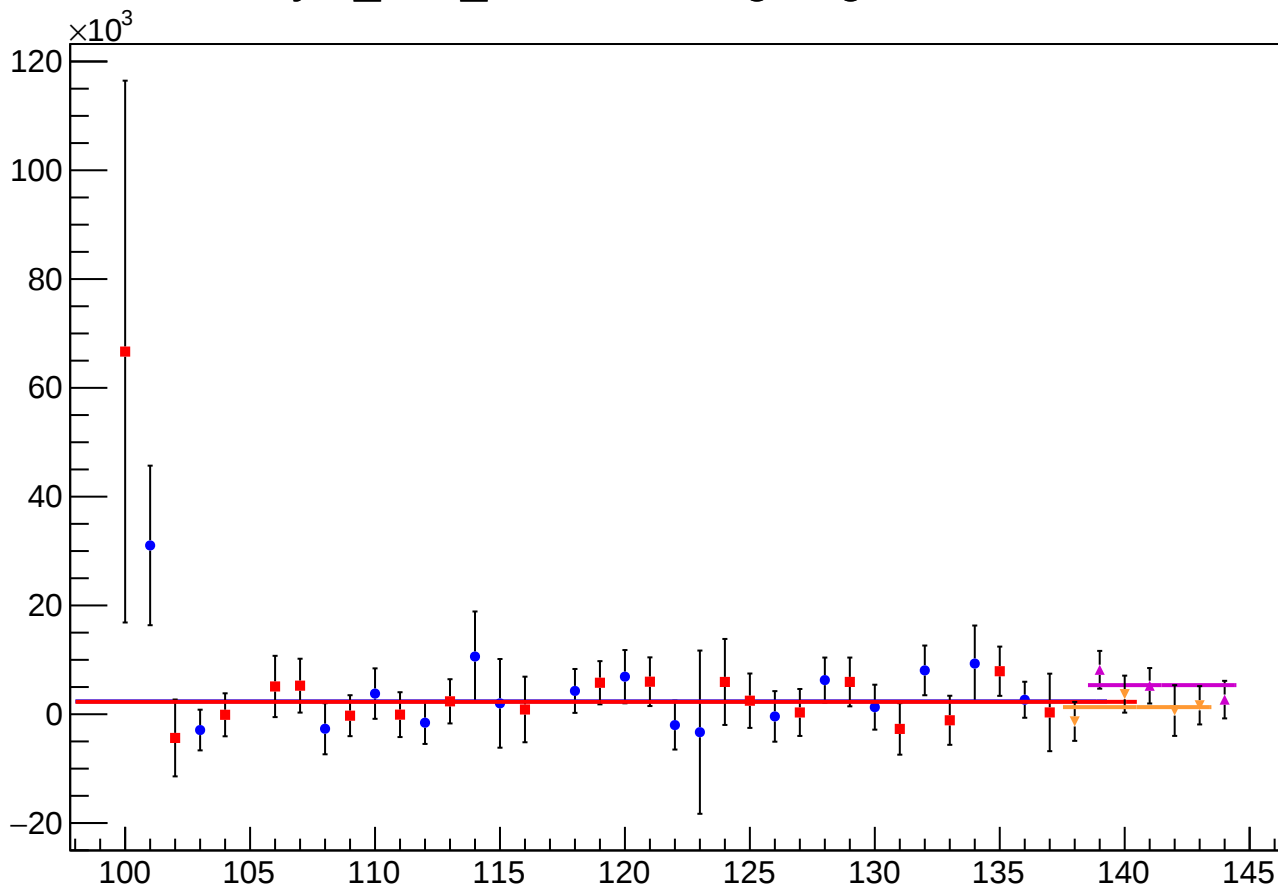
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 638.418+/-0.161 χ^2/NDF : 2690445.1/19

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

All: 627.446+/-0.111 χ^2/NDF : 5661562.5/42

asym_atr1_mean vs Slug, Sign Corrected



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

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

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 5350.524 $\pm$ 1956.991 χ^2 /NDF:1.3/2

Left: 3218.955 $\pm$ 1345.645 χ^2 /NDF: 4.6/6

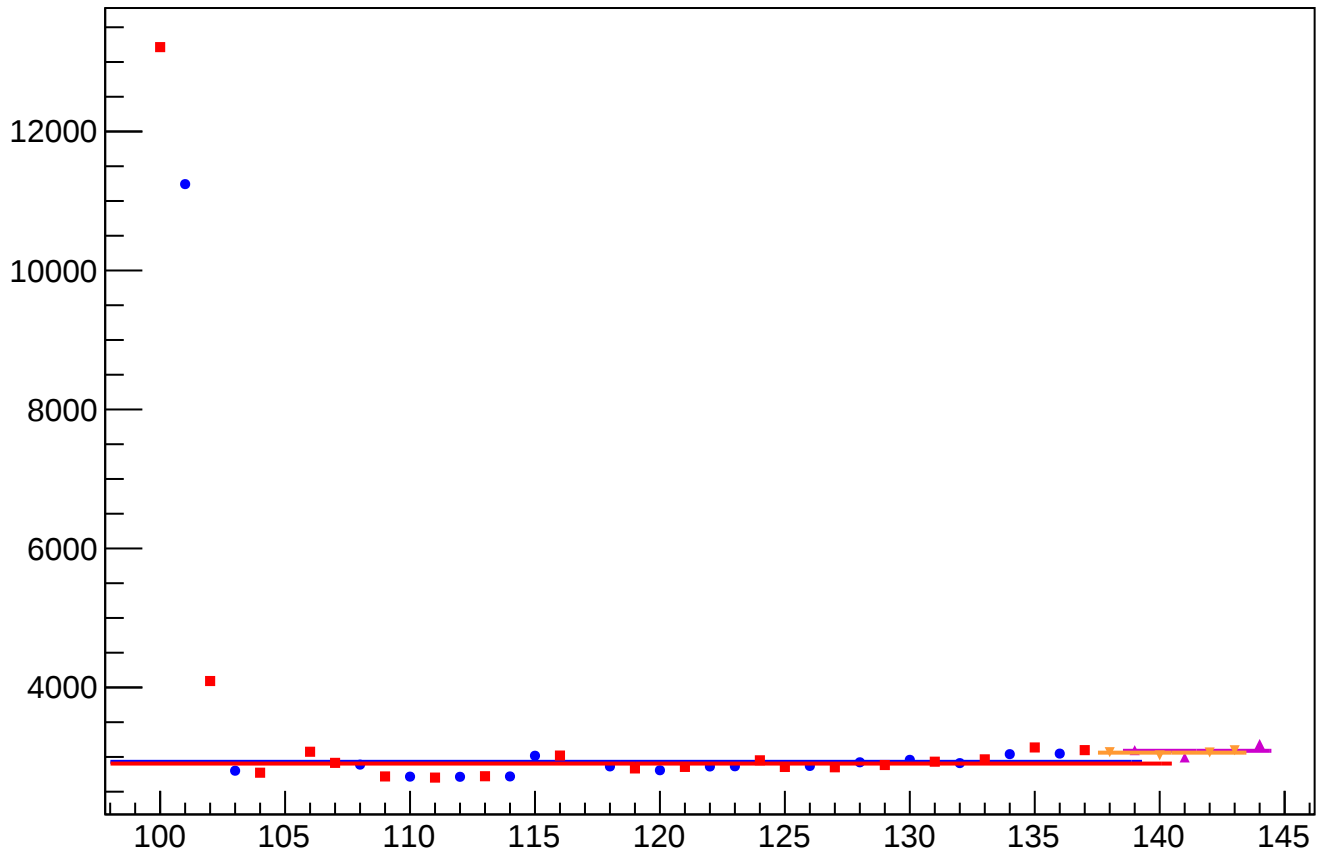
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 3139.546 $\pm$ 997.835 χ^2 /NDF:18.1/19

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

All: 2554.654 $\pm$ 689.296 χ^2 /NDF: 30.2/42

asym_atr1_rms vs Slug, Sign Corrected



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

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

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 3088.428+/-1.384 χ^2/NDF : 3323.2/2

Left: 3074.361+/-0.952 χ^2/NDF : 3984.9/6

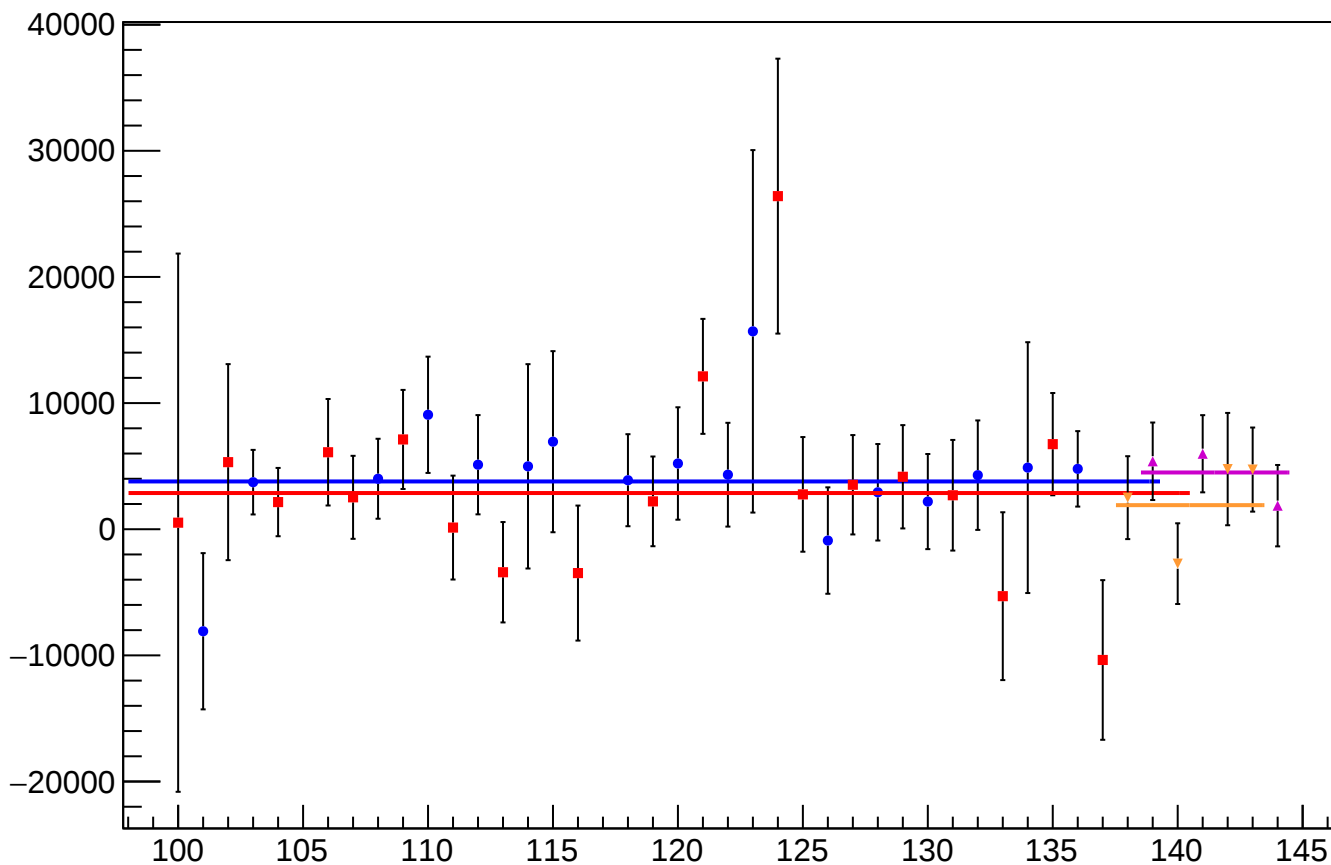
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2970.932+/-0.706 χ^2/NDF : 675694.4/19

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

All: 2957.979+/-0.487 χ^2/NDF : 856672.0/42

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2 /NDF: 7.7/16

Left Out: 1908.773 $\pm$ 1738.776 χ^2 /NDF:3.3/3

Right Out: 2869.484 $\pm$ 1002.967 χ^2 /NDF: 22.0/18

Left In: 4498.523 $\pm$ 1799.264 χ^2 /NDF:1.0/2

Left: 3159.385 $\pm$ 1250.338 χ^2 /NDF: 5.3/6

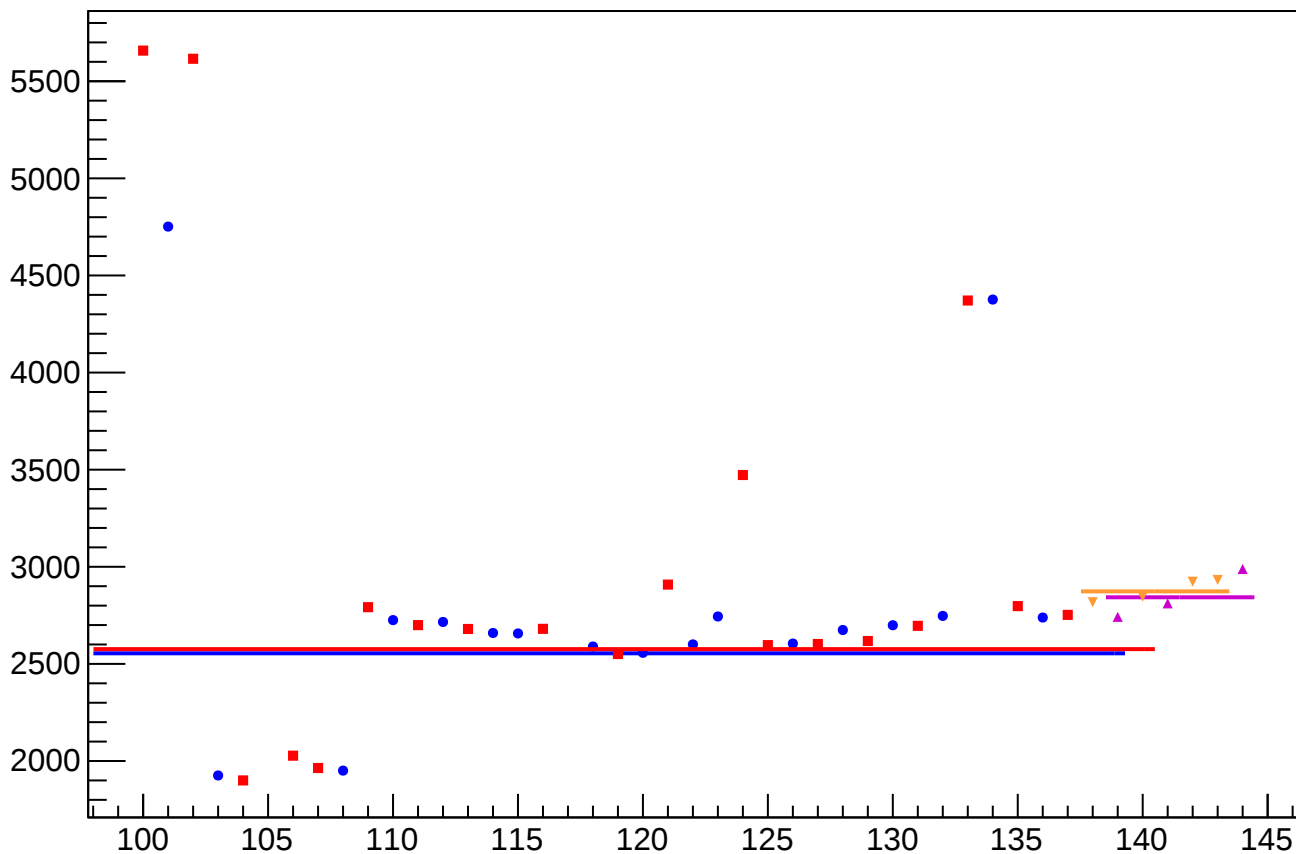
Right: 3326.309 $\pm$ 711.019 χ^2 /NDF: 30.2/35

In: 3957.640 $\pm$ 879.480 χ^2 /NDF:8.8/19

Out: 2629.635 $\pm$ 868.793 χ^2 /NDF:25.5/22

All: 3285.520 $\pm$ 618.073 χ^2 /NDF: 35.5/42

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537+/-0.713 χ^2/NDF : 536626.0/16

Left Out: 2873.320+/-1.230 χ^2/NDF :1592.0/3

Right Out: 2576.077+/-0.709 χ^2/NDF : 765156.6/18

Left In: 2842.957+/-1.272 χ^2/NDF :6442.7/2

Left: 2858.657+/-0.884 χ^2/NDF : 8329.2/6

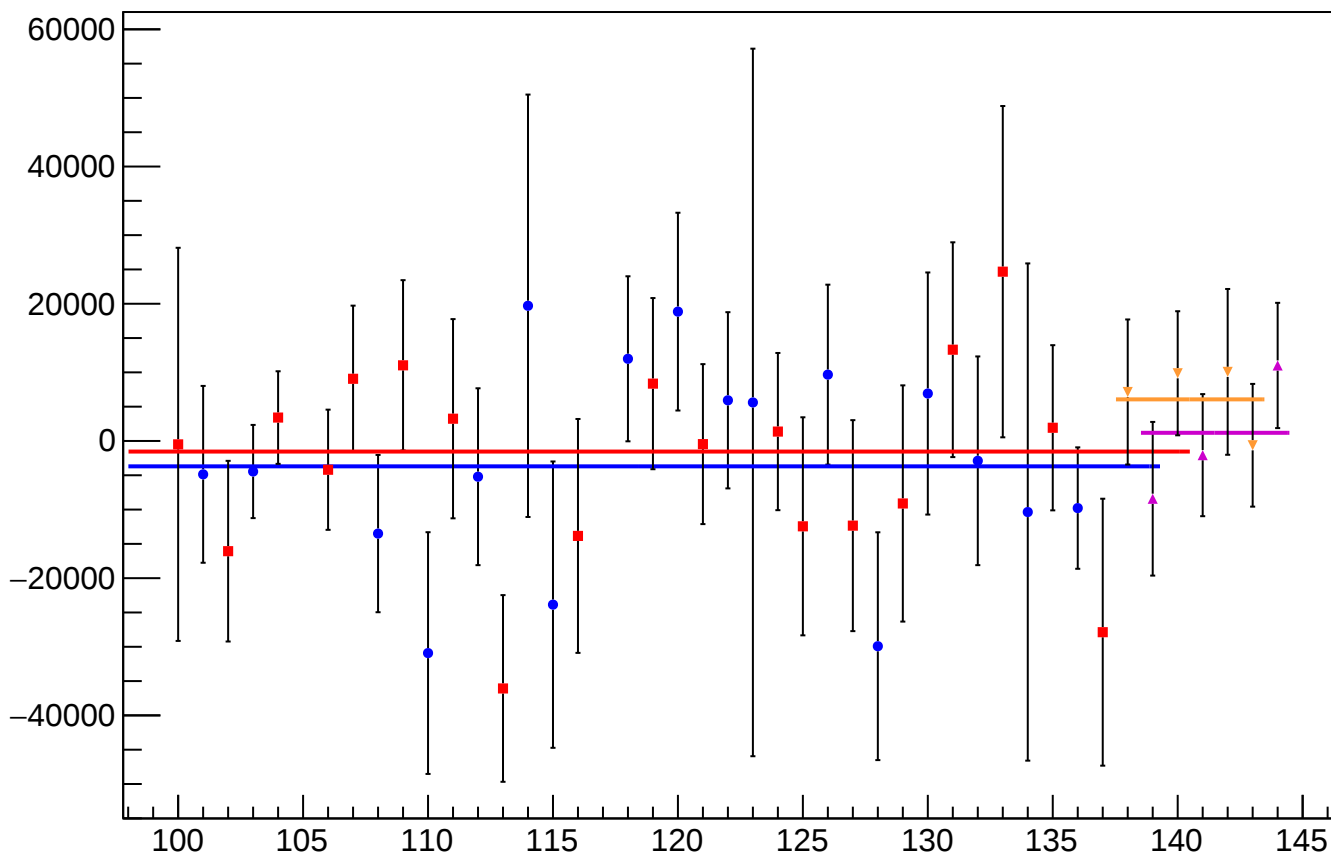
Right: 2565.366+/-0.503 χ^2/NDF : 1302241.7/35

In: 2623.448+/-0.622 χ^2/NDF :582181.5/19

Out: 2650.241+/-0.614 χ^2/NDF :810613.1/22

All: 2637.012+/-0.437 χ^2/NDF : 1393734.4/42

asym_atr2_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 1188.741+/-5538.220 χ^2/NDF : 2.0/2

Left: 3889.381+/-3697.918 χ^2/NDF : 3.3/6

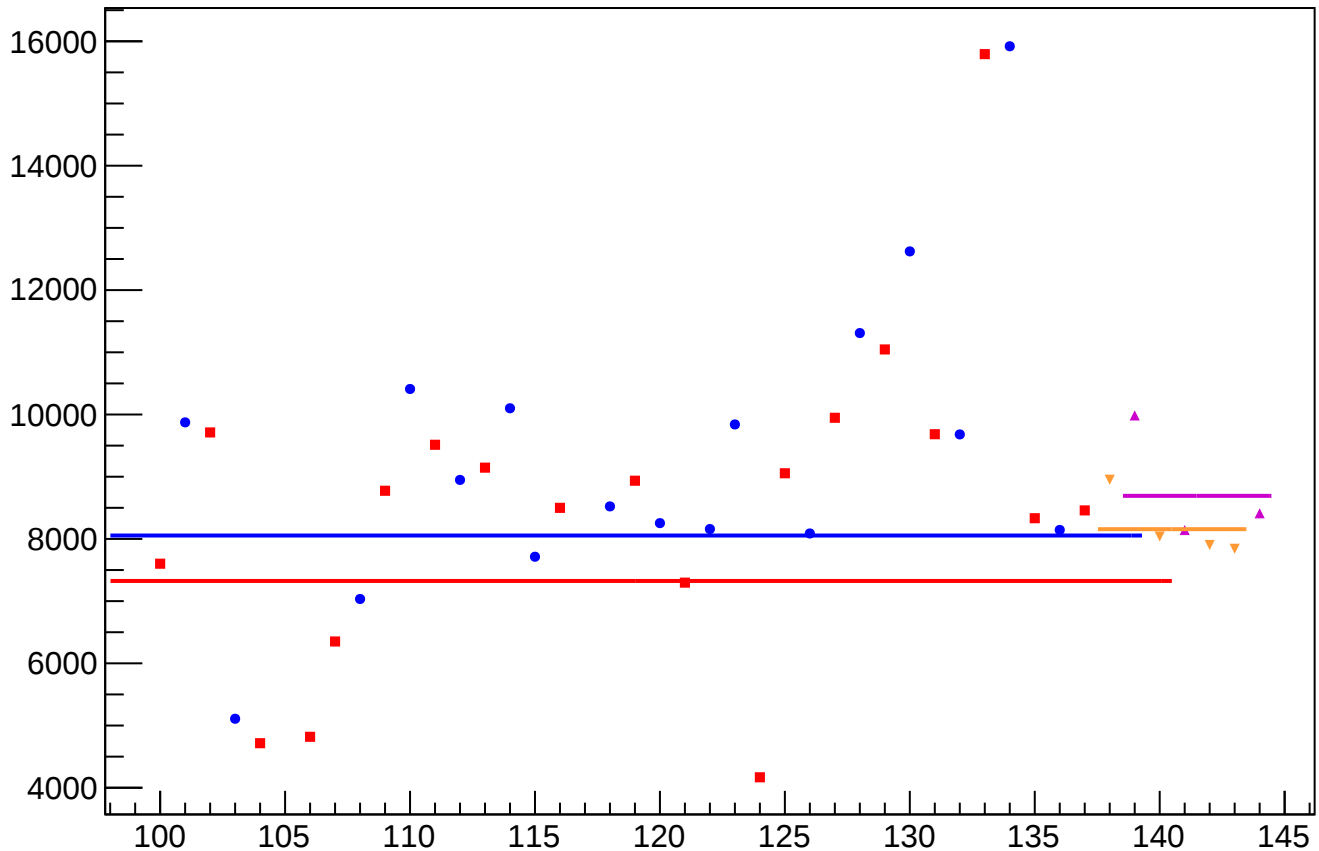
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -2465.790+/-2782.297 χ^2/NDF : 16.4/19

Out: 385.585+/-2502.424 χ^2/NDF : 19.4/22

All: -889.519+/-1860.583 χ^2/NDF : 36.4/42

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2/NDF : 820763.4/16

Left Out: 8156.660 $\pm$ 3.513 χ^2/NDF :15019.9/3

Right Out: 7324.291 $\pm$ 2.048 χ^2/NDF : 1336145.7/18

Left In: 8692.543 $\pm$ 3.916 χ^2/NDF :36170.2/2

Left: 8395.575 $\pm$ 2.615 χ^2/NDF : 61567.1/6

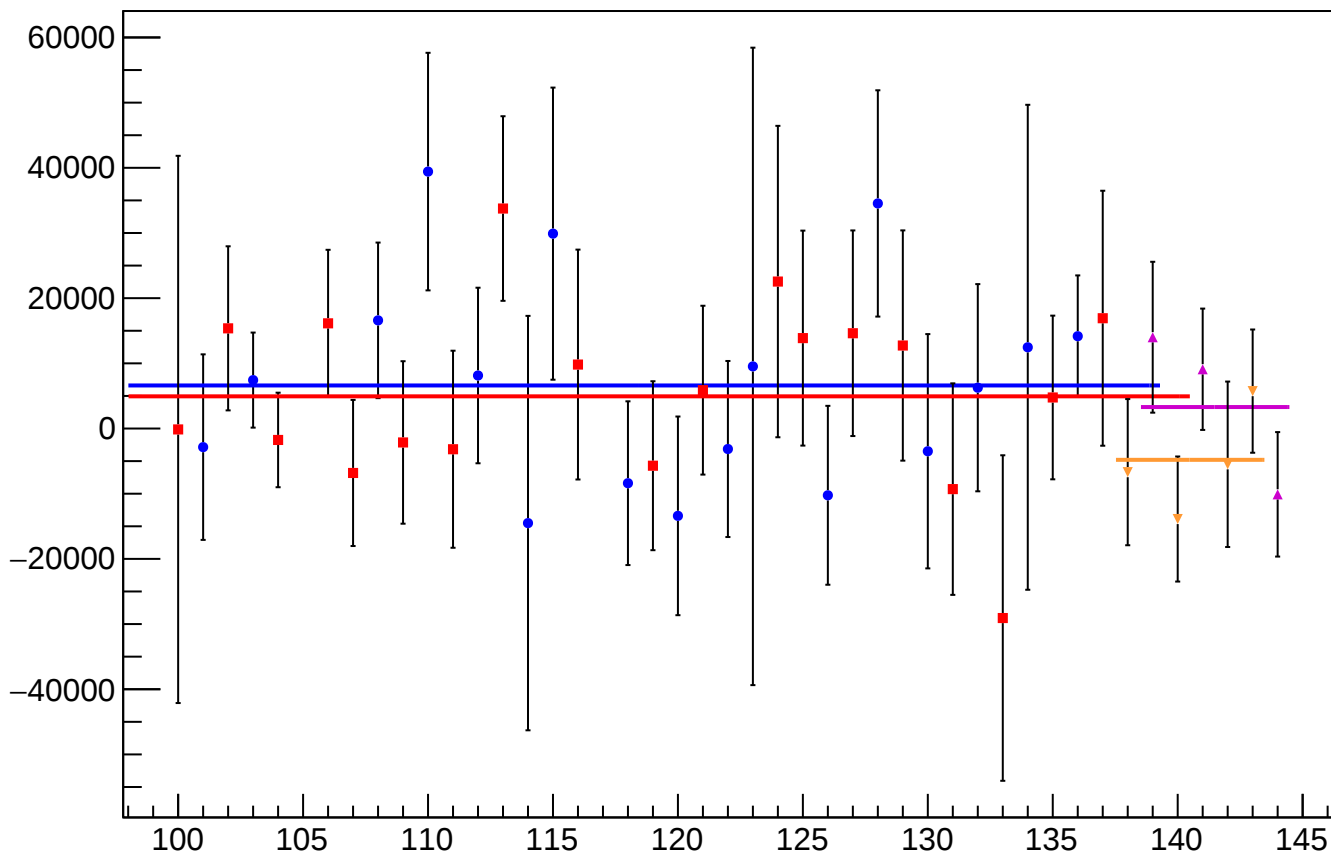
Right: 7651.290 $\pm$ 1.522 χ^2/NDF : 2213838.0/35

In: 8215.737 $\pm$ 1.967 χ^2/NDF :876762.3/19

Out: 7535.525 $\pm$ 1.769 χ^2/NDF :1393069.7/22

All: 7839.708 $\pm$ 1.316 χ^2/NDF : 2335914.9/42

asym_atr2_mean vs Slug, Sign Corrected



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

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

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 3296.327+/-5775.887 χ^2/NDF : 3.2/2

Left: -1135.005+/-3886.948 χ^2/NDF : 6.5/6

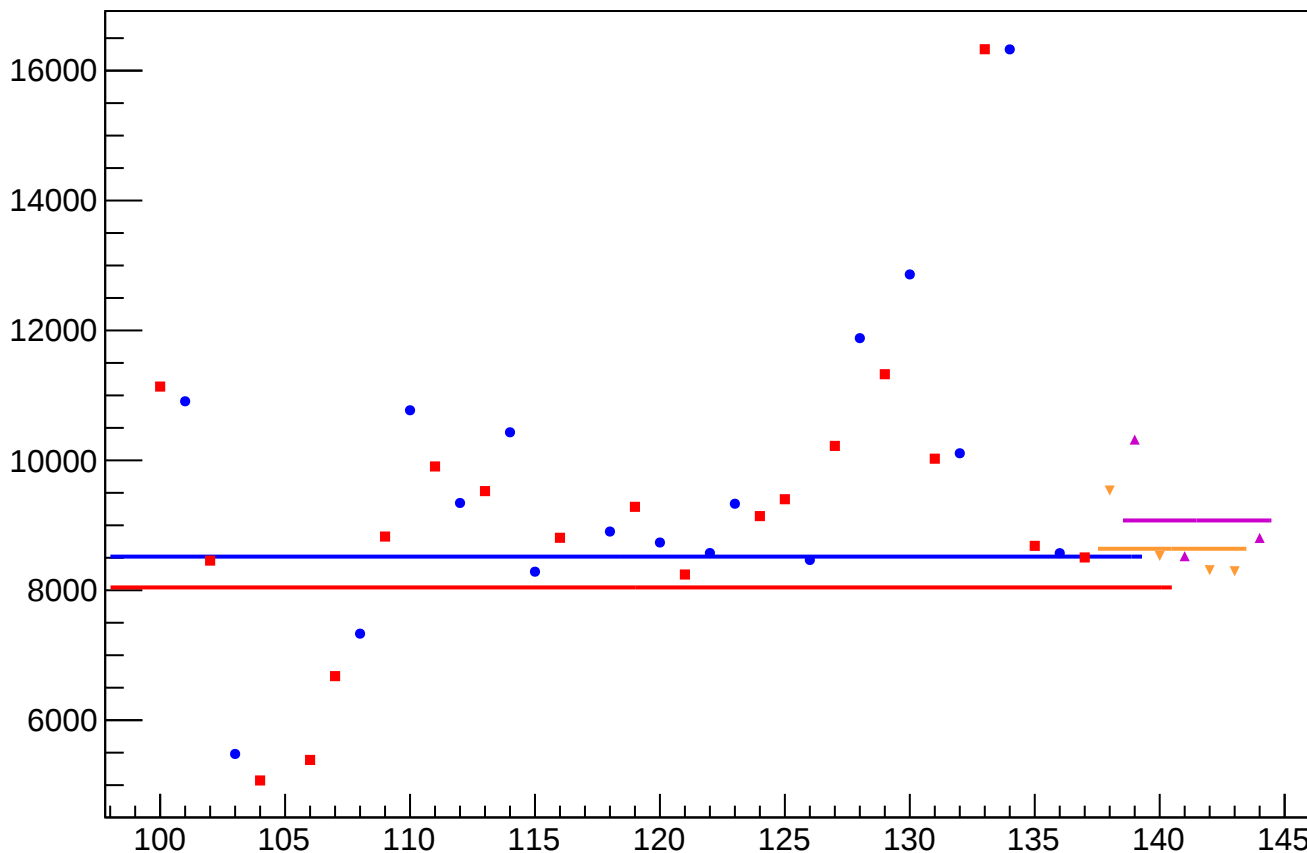
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 5756.812+/-2927.393 χ^2/NDF : 18.2/19

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

All: 3919.875+/-1989.856 χ^2/NDF : 37.1/42

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8639.115+/-3.716 χ^2/NDF : 17081.5/3

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9074.726+/-4.084 χ^2/NDF : 31724.3/2

Left: 8836.393+/-2.748 χ^2/NDF : 55029.8/6

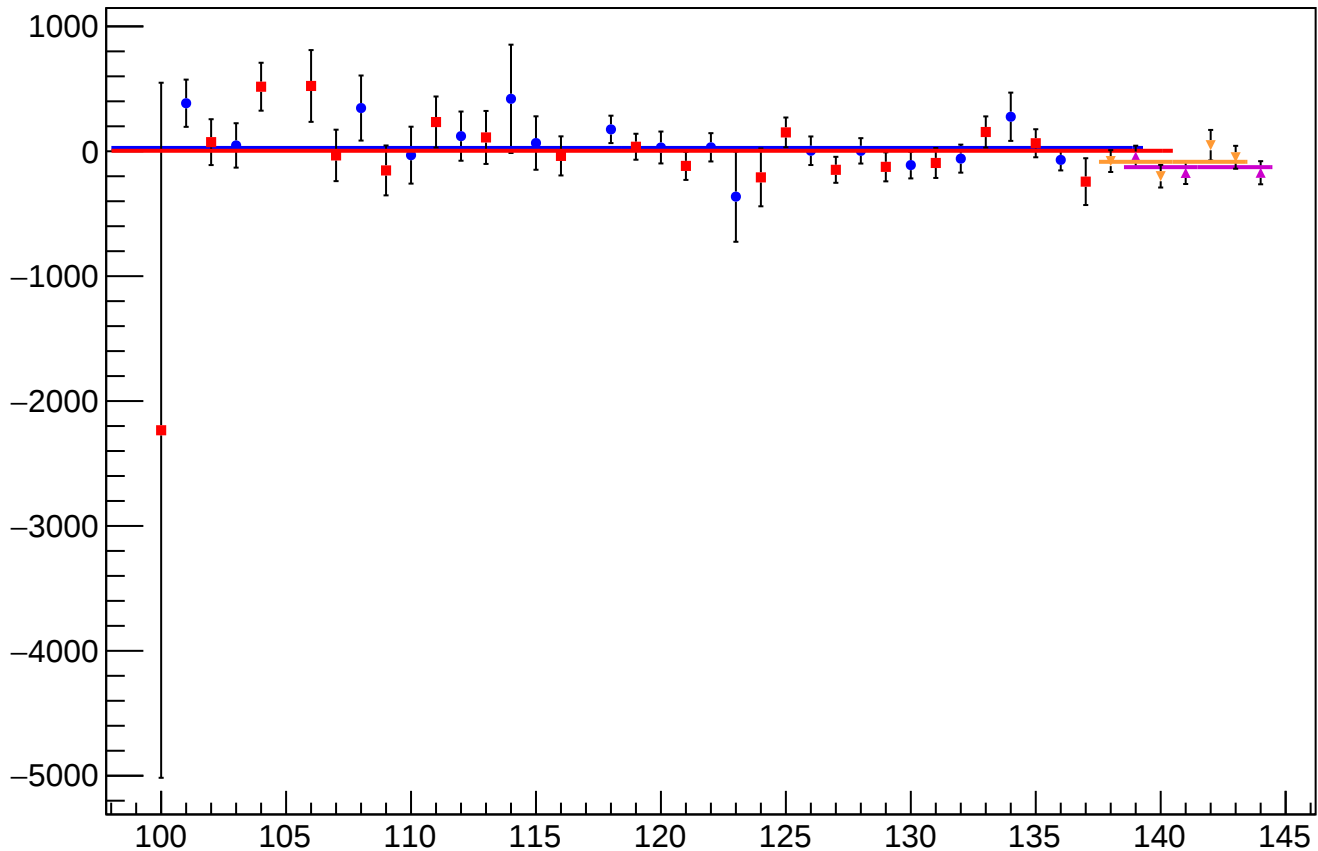
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8661.213+/-2.070 χ^2/NDF : 817514.0/19

Out: 8202.433+/-1.918 χ^2/NDF : 989484.1/22

All: 8414.402+/-1.407 χ^2/NDF : 1833424.4/42

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -84.354 ± 47.776 $\chi^2/\text{NDF}: 2.9/3$

Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$

Left In: -127.056 ± 51.690 $\chi^2/\text{NDF}: 1.4/2$

Left: -104.027 ± 35.085 $\chi^2/\text{NDF}: 4.8/6$

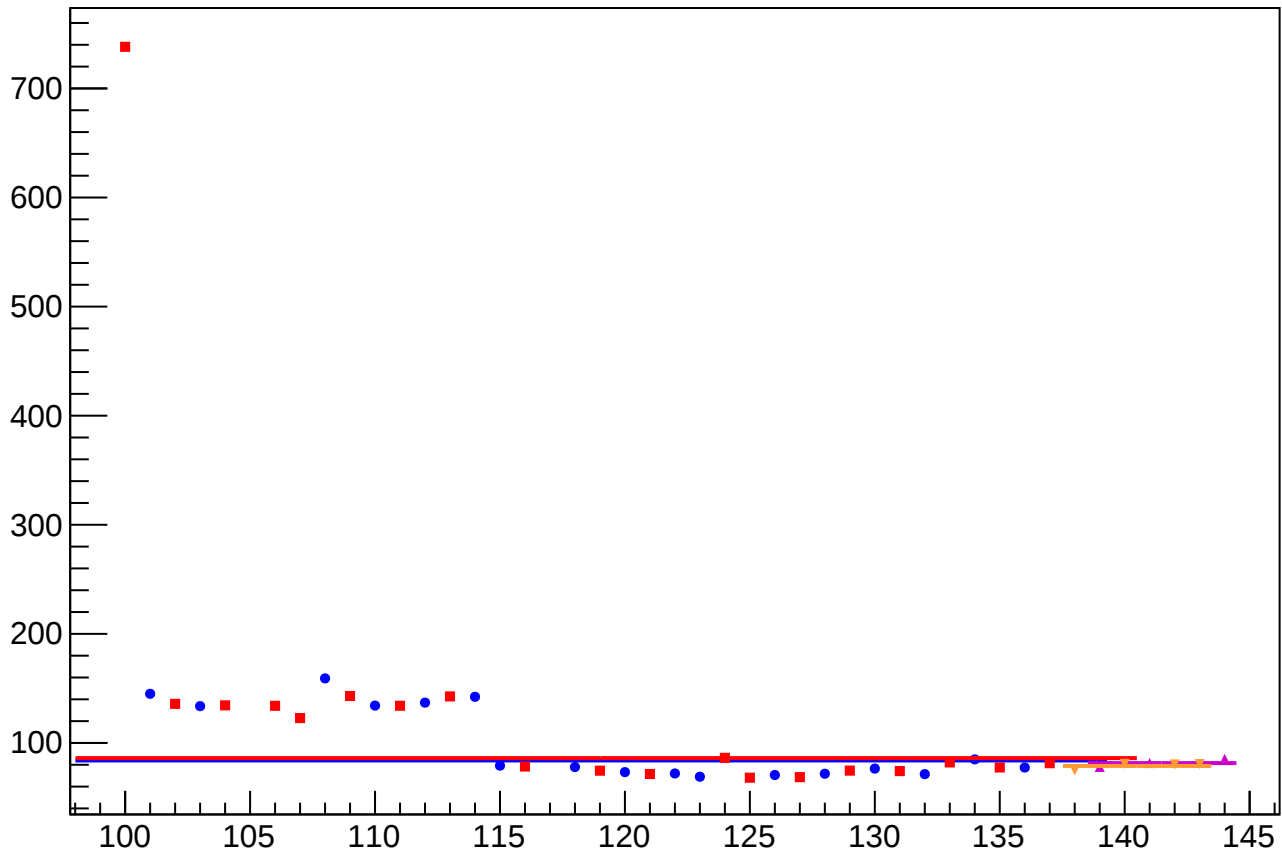
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$

In: -19.011 ± 28.187 $\chi^2/\text{NDF}: 22.2/19$

Out: -25.513 ± 27.614 $\chi^2/\text{NDF}: 29.8/22$

All: -22.329 ± 19.726 $\chi^2/\text{NDF}: 52.0/42$

dit_asym_sam1_rms vs Slug, Sign Corrected



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

Left Out: 78.924+/-0.034 χ^2/NDF : 6098.7/3

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

Left In: 81.538+/-0.037 χ^2/NDF : 6877.5/2

Left: 80.128+/-0.025 χ^2/NDF : 15733.9/6

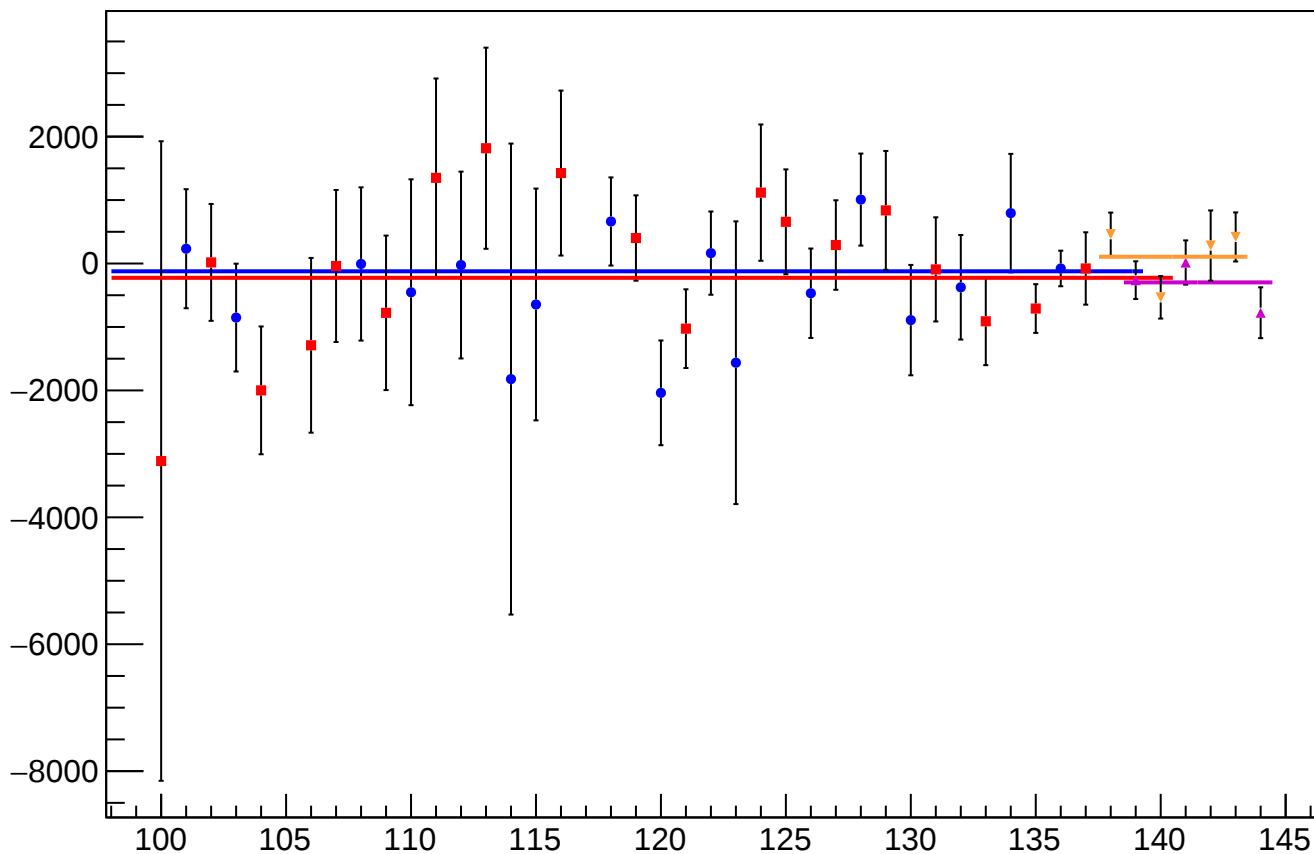
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 83.240+/-0.020 χ^2/NDF : 970219.3/19

Out: 83.708+/-0.020 χ^2/NDF : 1172445.9/22

All: 83.479+/-0.014 χ^2/NDF : 2142946.7/42

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 106.776 ± 190.726 χ^2/NDF : 5.5/3

Right Out: -225.420 ± 184.973 χ^2/NDF : 18.3/18

Left In: -297.392 ± 197.017 χ^2/NDF : 2.2/2

Left: -88.752 ± 137.034 χ^2/NDF : 9.9/6

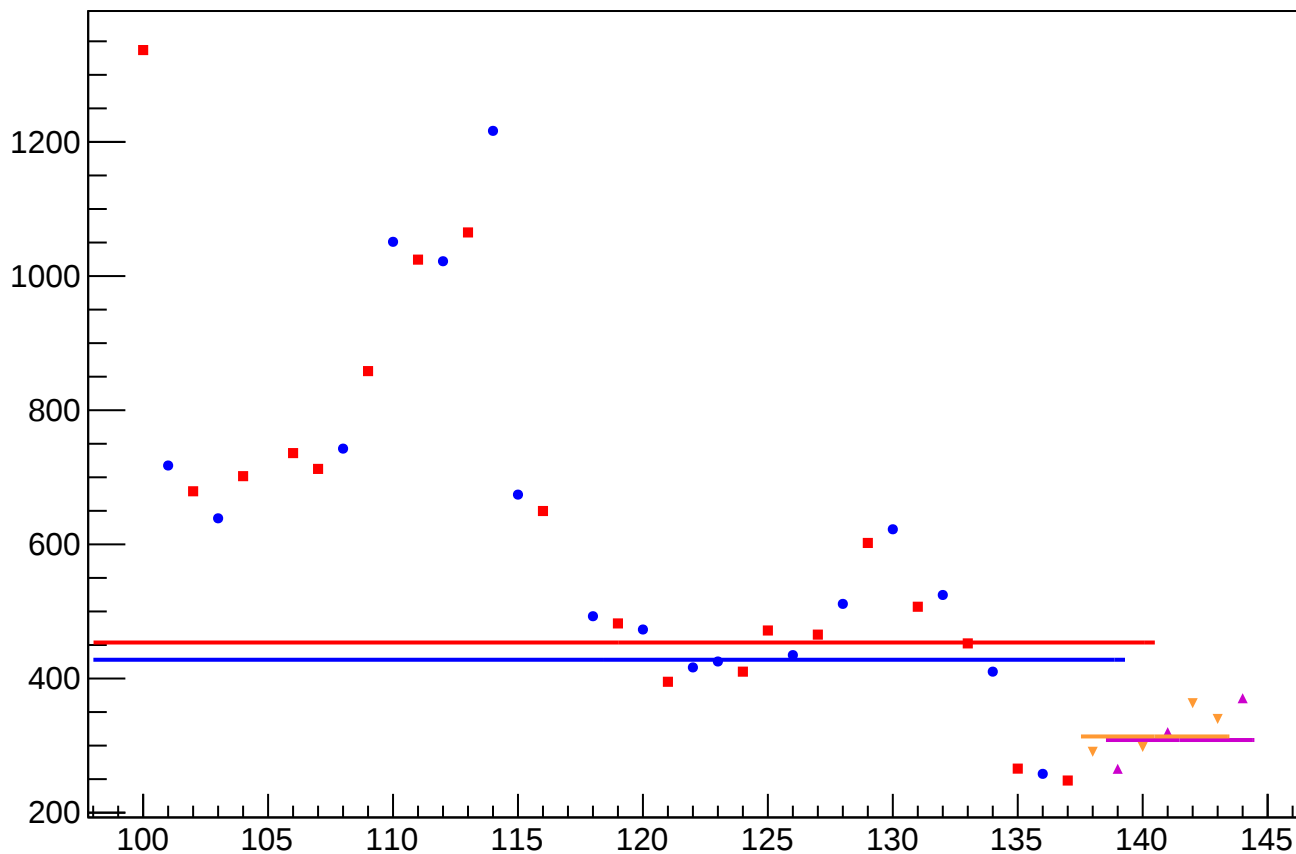
Right: -172.394 ± 128.849 χ^2/NDF : 31.5/35

In: -201.820 ± 132.723 χ^2/NDF : 15.7/19

Out: -64.408 ± 132.783 χ^2/NDF : 25.4/22

All: -133.145 ± 93.870 χ^2/NDF : 41.6/42

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 313.624+/-0.135 χ^2/NDF : 38516.2/3

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 308.335+/-0.139 χ^2/NDF : 92141.2/2

Left: 311.065+/-0.097 χ^2/NDF : 131401.4/6

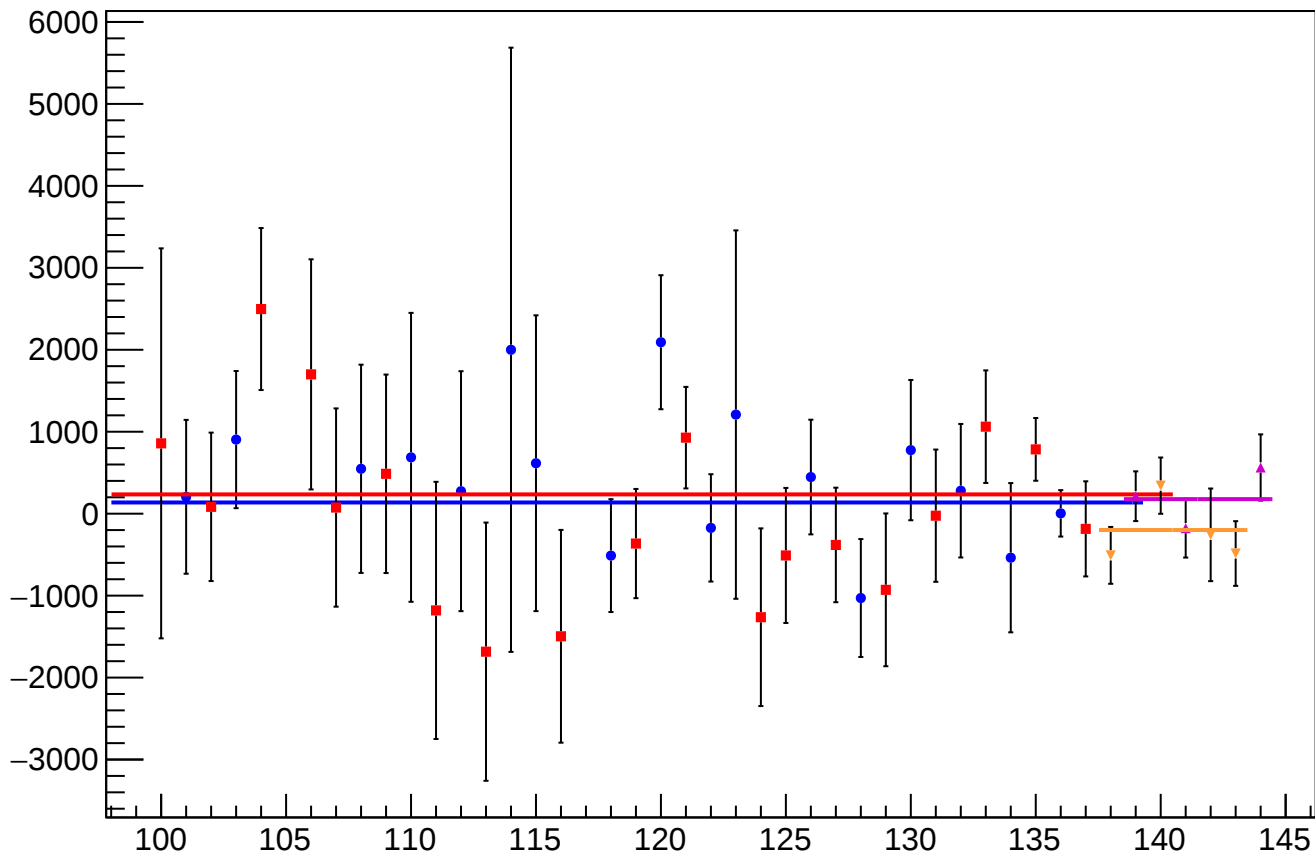
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 373.686+/-0.094 χ^2/NDF : 2557278.7/19

Out: 385.806+/-0.094 χ^2/NDF : 2728965.3/22

All: 379.743+/-0.066 χ^2/NDF : 5294578.7/42

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -199.394 ± 194.811 $\chi^2/\text{NDF}: 3.8/3$

Right Out: 235.334 ± 184.025 $\chi^2/\text{NDF}: 21.8/18$

Left In: 177.581 ± 200.957 $\chi^2/\text{NDF}: 1.9/2$

Left: -16.760 ± 139.875 $\chi^2/\text{NDF}: 7.5/6$

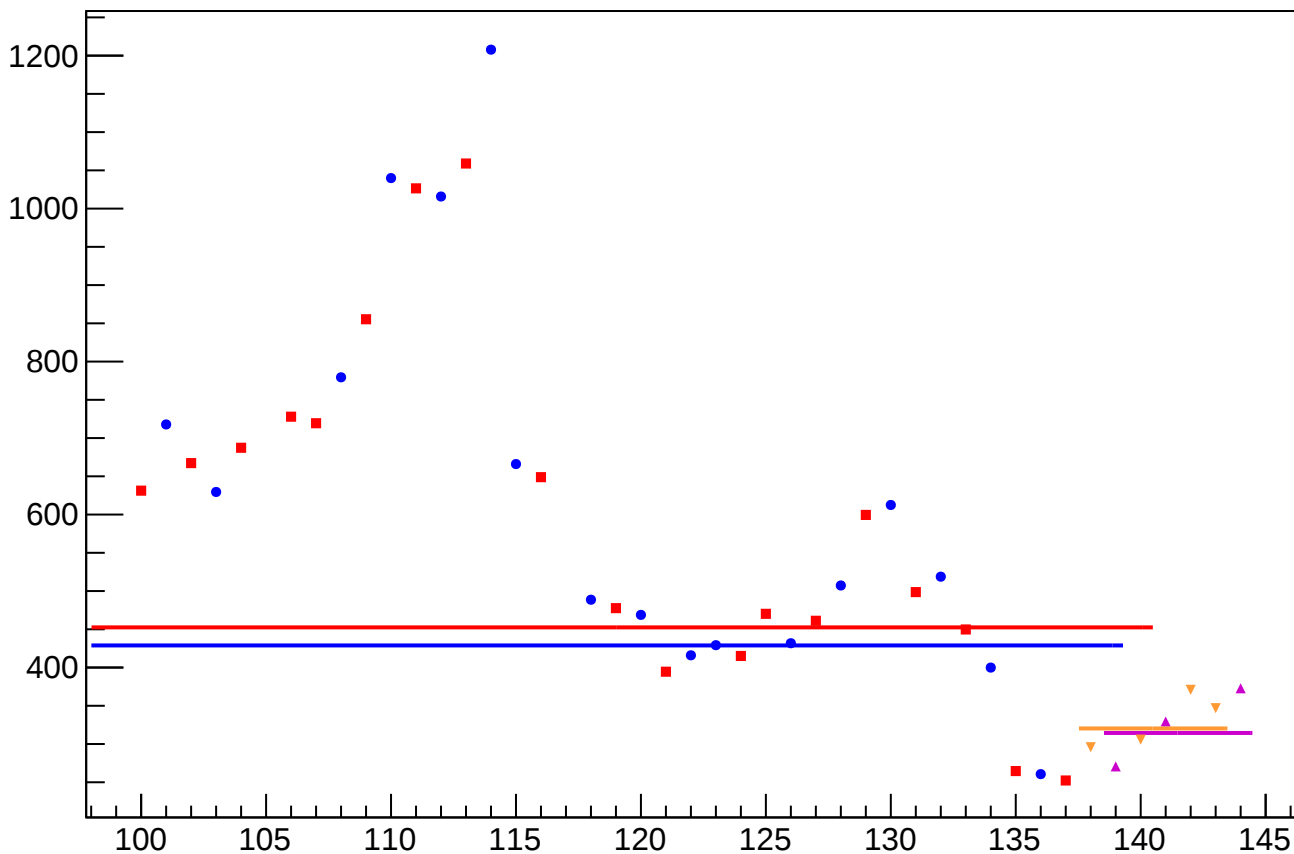
Right: 184.875 ± 128.536 $\chi^2/\text{NDF}: 34.6/35$

In: 154.916 ± 133.917 $\chi^2/\text{NDF}: 14.5/19$

Out: 30.336 ± 133.776 $\chi^2/\text{NDF}: 28.3/22$

All: 92.561 ± 94.644 $\chi^2/\text{NDF}: 43.3/42$

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: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 314.459 $\pm$ 0.142 χ^2 /NDF:86803.7/2

Left: 317.497 $\pm$ 0.099 χ^2 /NDF: 126357.8/6

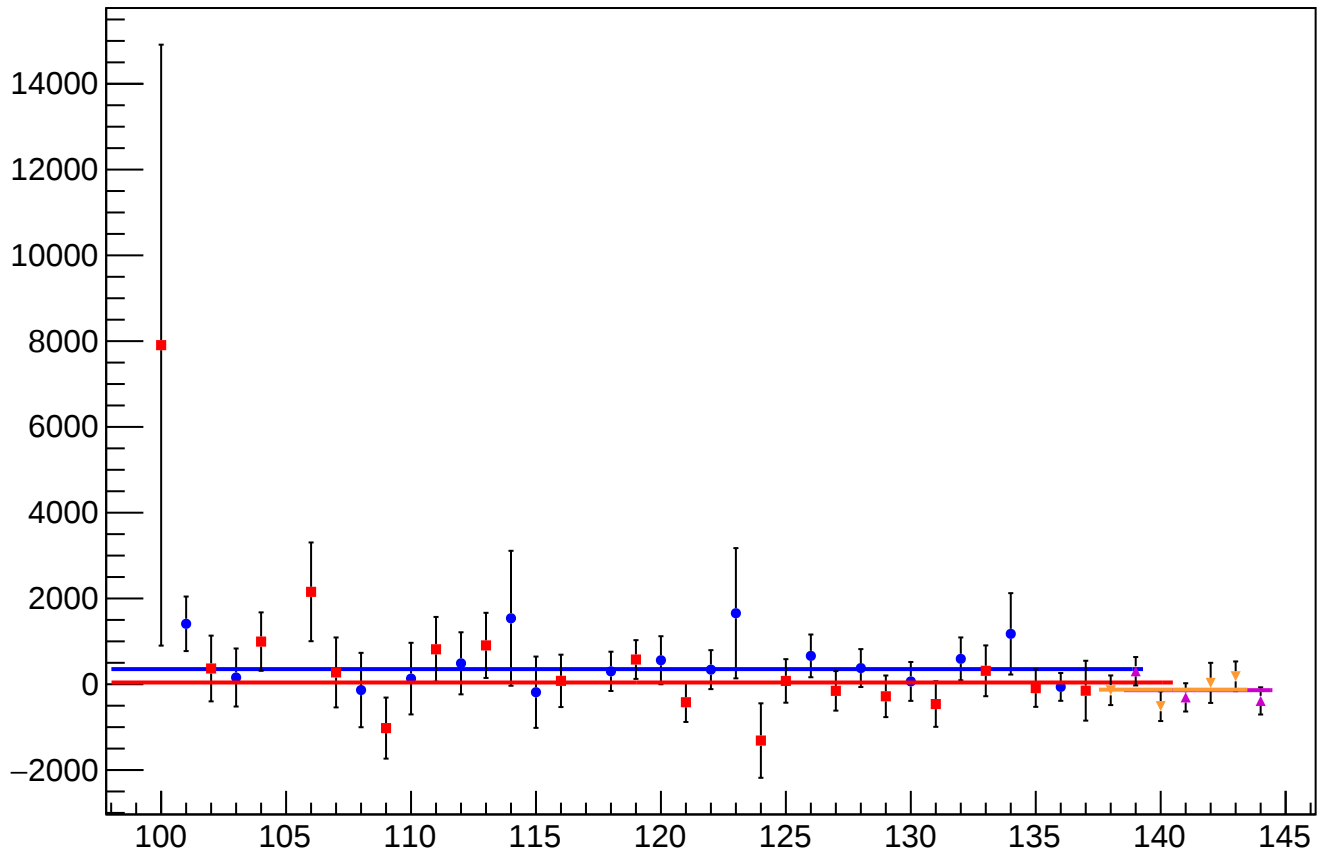
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 378.073 $\pm$ 0.095 χ^2 /NDF:2457906.9/19

Out: 390.178 $\pm$ 0.095 χ^2 /NDF:2566992.6/22

All: 384.132 $\pm$ 0.067 χ^2 /NDF: 5033078.8/42

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2 /NDF: 8.5/16

Left Out: -125.668 $\pm$ 183.782 χ^2 /NDF:2.2/3

Right Out: 41.079 $\pm$ 138.996 χ^2 /NDF: 18.2/18

Left In: -138.303 $\pm$ 188.024 χ^2 /NDF:2.7/2

Left: -131.842 $\pm$ 131.428 χ^2 /NDF: 4.8/6

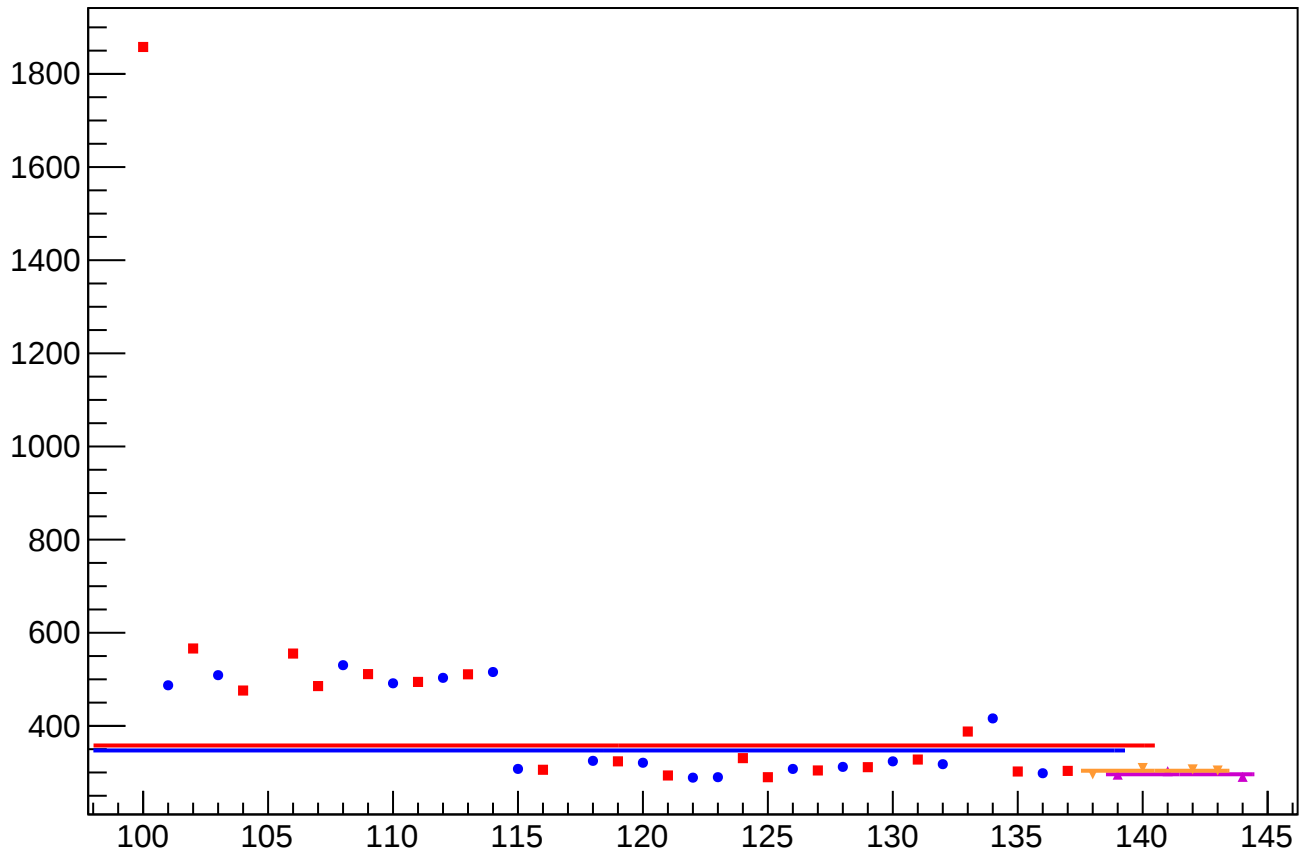
Right: 198.919 $\pm$ 97.679 χ^2 /NDF: 29.3/35

In: 182.089 $\pm$ 110.882 χ^2 /NDF:15.7/19

Out: -19.595 $\pm$ 110.860 χ^2 /NDF:20.9/22

All: 81.227 $\pm$ 78.398 χ^2 /NDF: 38.2/42

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 303.744+/-0.130 χ^2/NDF :1658.0/3

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 296.138+/-0.133 χ^2/NDF :1431.1/2

Left: 300.028+/-0.093 χ^2/NDF : 4762.6/6

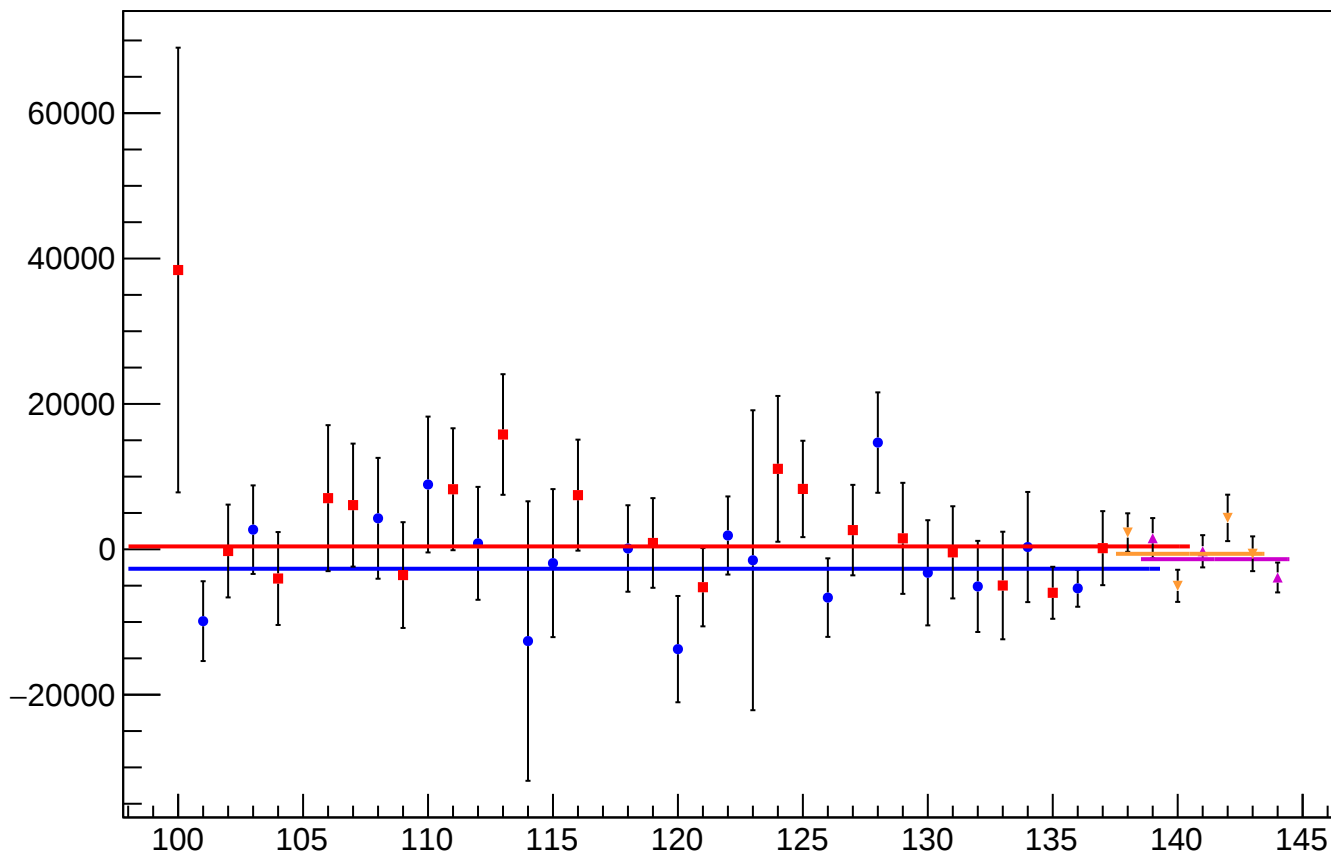
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 329.494+/-0.078 χ^2/NDF :716842.1/19

Out: 338.229+/-0.078 χ^2/NDF :964006.2/22

All: 333.863+/-0.055 χ^2/NDF : 1687056.1/42

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 ± 1456.188 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -617.722 ± 1269.723 $\chi^2/\text{NDF}: 7.6/3$

Right Out: 398.443 ± 1515.968 $\chi^2/\text{NDF}: 15.9/18$

Left In: -1356.837 ± 1324.296 $\chi^2/\text{NDF}: 2.8/2$

Left: -971.737 ± 916.515 $\chi^2/\text{NDF}: 10.6/6$

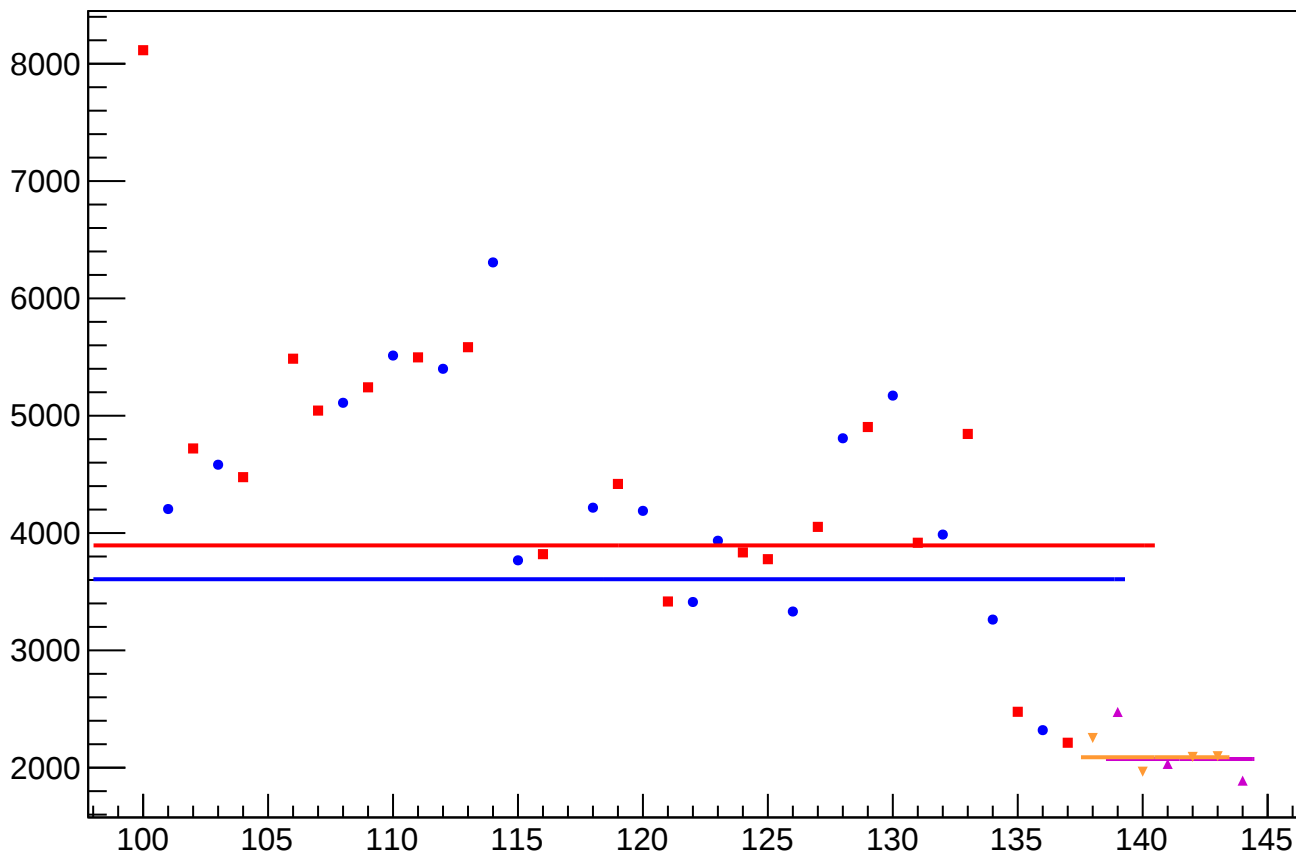
Right: -1199.564 ± 1050.178 $\chi^2/\text{NDF}: 34.8/35$

In: -1953.091 ± 979.736 $\chi^2/\text{NDF}: 20.0/19$

Out: -198.768 ± 973.399 $\chi^2/\text{NDF}: 23.8/22$

All: -1070.238 ± 690.527 $\chi^2/\text{NDF}: 45.4/42$

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2088.992+/-0.898 χ^2/NDF :13909.4/3

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2074.067+/-0.936 χ^2/NDF :58631.5/2

Left: 2081.844+/-0.648 χ^2/NDF : 72673.2/6

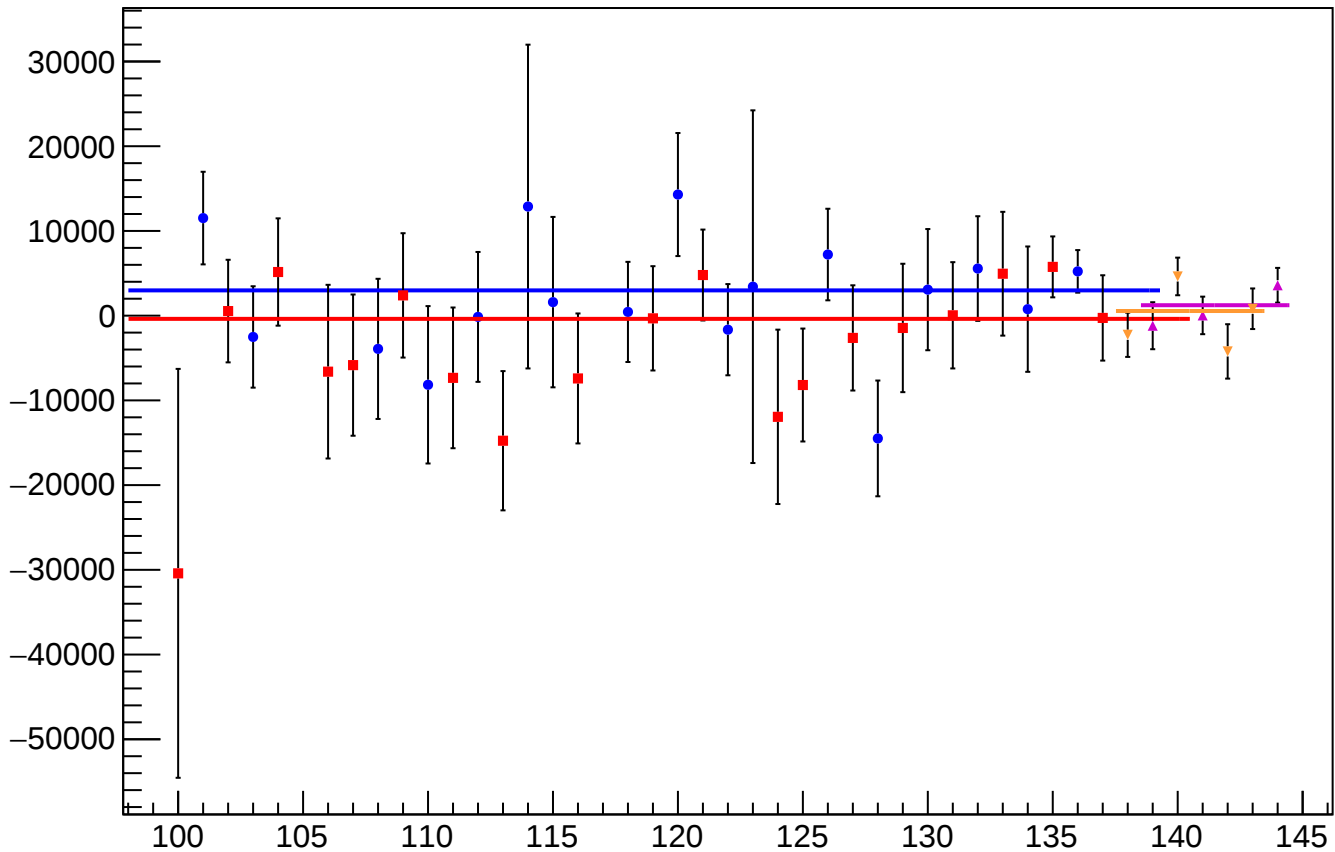
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2767.692+/-0.693 χ^2/NDF :2363214.3/19

Out: 2833.423+/-0.688 χ^2/NDF :2714134.8/22

All: 2800.771+/-0.488 χ^2/NDF : 5081879.4/42

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 549.294+/-1269.374 χ^2/NDF : 6.7/3

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: 1233.454+/-1322.729 χ^2/NDF : 2.4/2

Left: 877.297+/-915.864 χ^2/NDF : 9.3/6

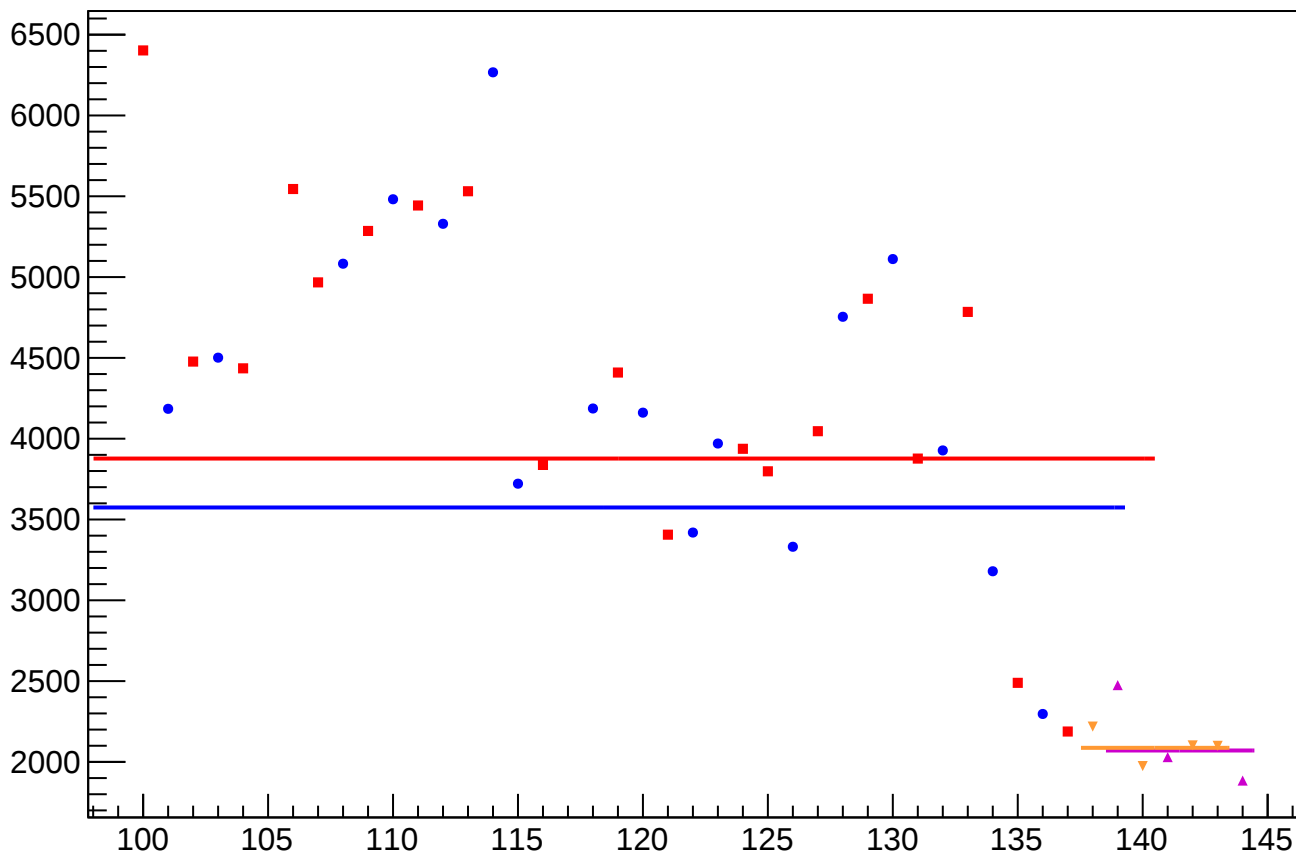
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 2032.188+/-975.256 χ^2/NDF : 20.6/19

Out: 164.812+/-970.962 χ^2/NDF : 22.0/22

All: 1094.380+/-688.087 χ^2/NDF : 44.5/42

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2087.105 $\pm$ 0.898 χ^2 /NDF:10333.4/3

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2070.662 $\pm$ 0.935 χ^2 /NDF:59713.3/2

Left: 2079.222 $\pm$ 0.648 χ^2 /NDF: 70207.6/6

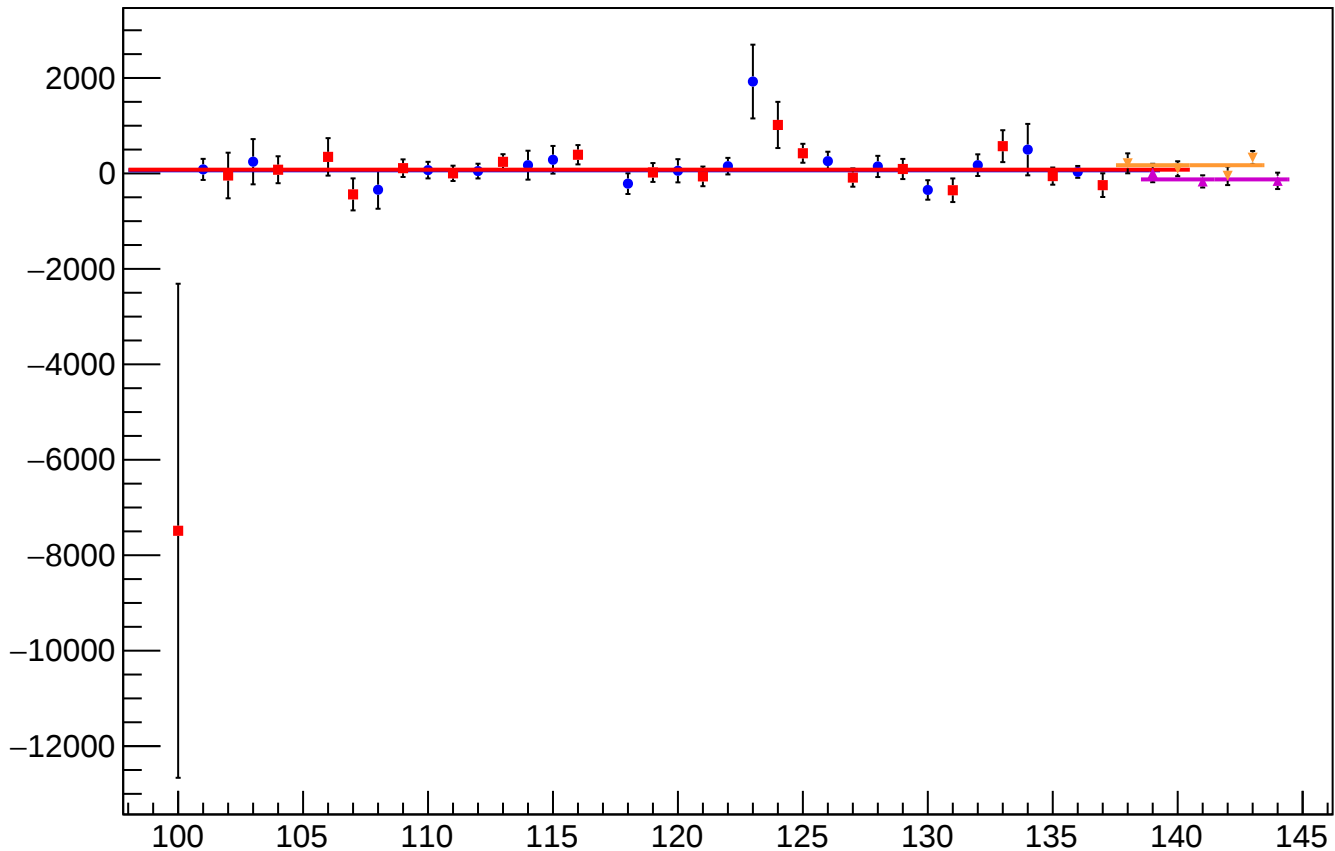
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2756.919 $\pm$ 0.690 χ^2 /NDF:2330670.4/19

Out: 2829.796 $\pm$ 0.687 χ^2 /NDF:2650580.6/22

All: 2793.518 $\pm$ 0.487 χ^2 /NDF: 4986859.5/42

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 172.186+/-84.311 χ^2/NDF : 2.8/3

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: -125.056+/-90.495 χ^2/NDF : 0.6/2

Left: 34.067+/-61.687 χ^2/NDF : 9.2/6

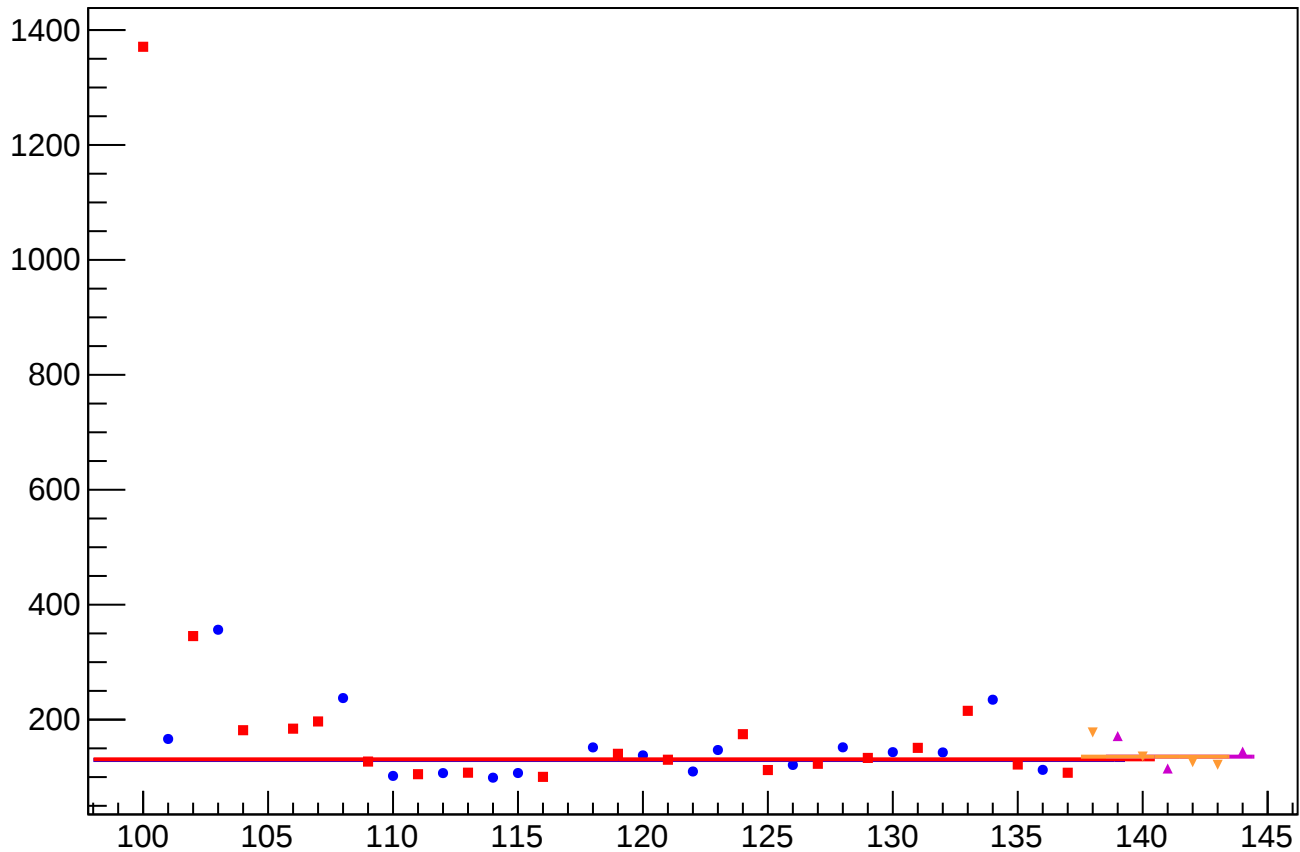
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 17.036+/-45.541 χ^2/NDF : 19.6/19

Out: 104.706+/-44.469 χ^2/NDF : 28.0/22

All: 61.915+/-31.816 χ^2/NDF : 49.5/42

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 135.550 $\pm$ 0.060 χ^2 /NDF: 106105.2/3

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 135.548 $\pm$ 0.064 χ^2 /NDF: 126174.4/2

Left: 135.549 $\pm$ 0.044 χ^2 /NDF: 232279.6/6

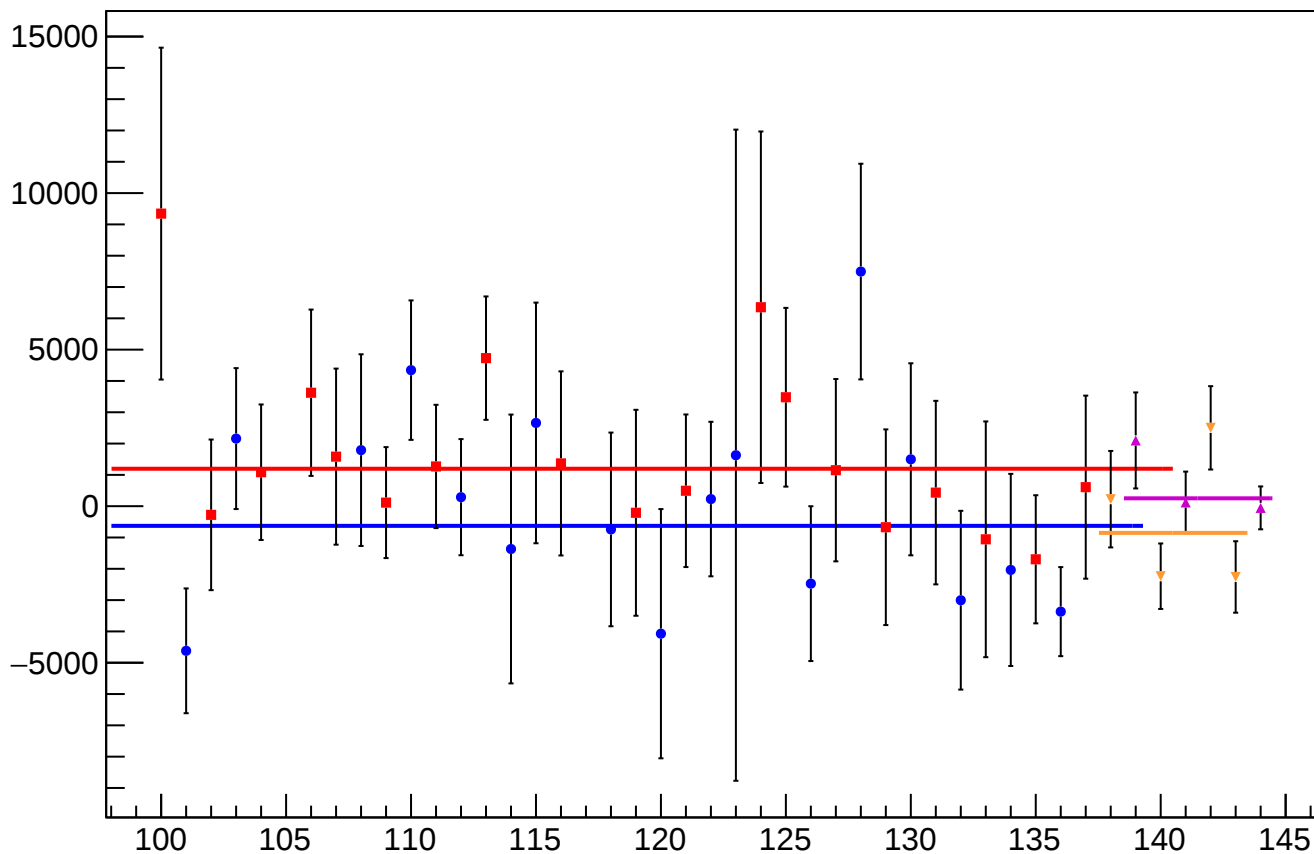
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 131.179 $\pm$ 0.032 χ^2 /NDF: 1122101.4/19

Out: 132.178 $\pm$ 0.031 χ^2 /NDF: 1152862.7/22

All: 131.690 $\pm$ 0.022 χ^2 /NDF: 2275457.0/42

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -852.857+/-612.222 χ^2/NDF : 10.1/3

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 251.349+/-527.872 χ^2/NDF : 1.7/2

Left: -219.504+/-399.785 χ^2/NDF : 13.6/6

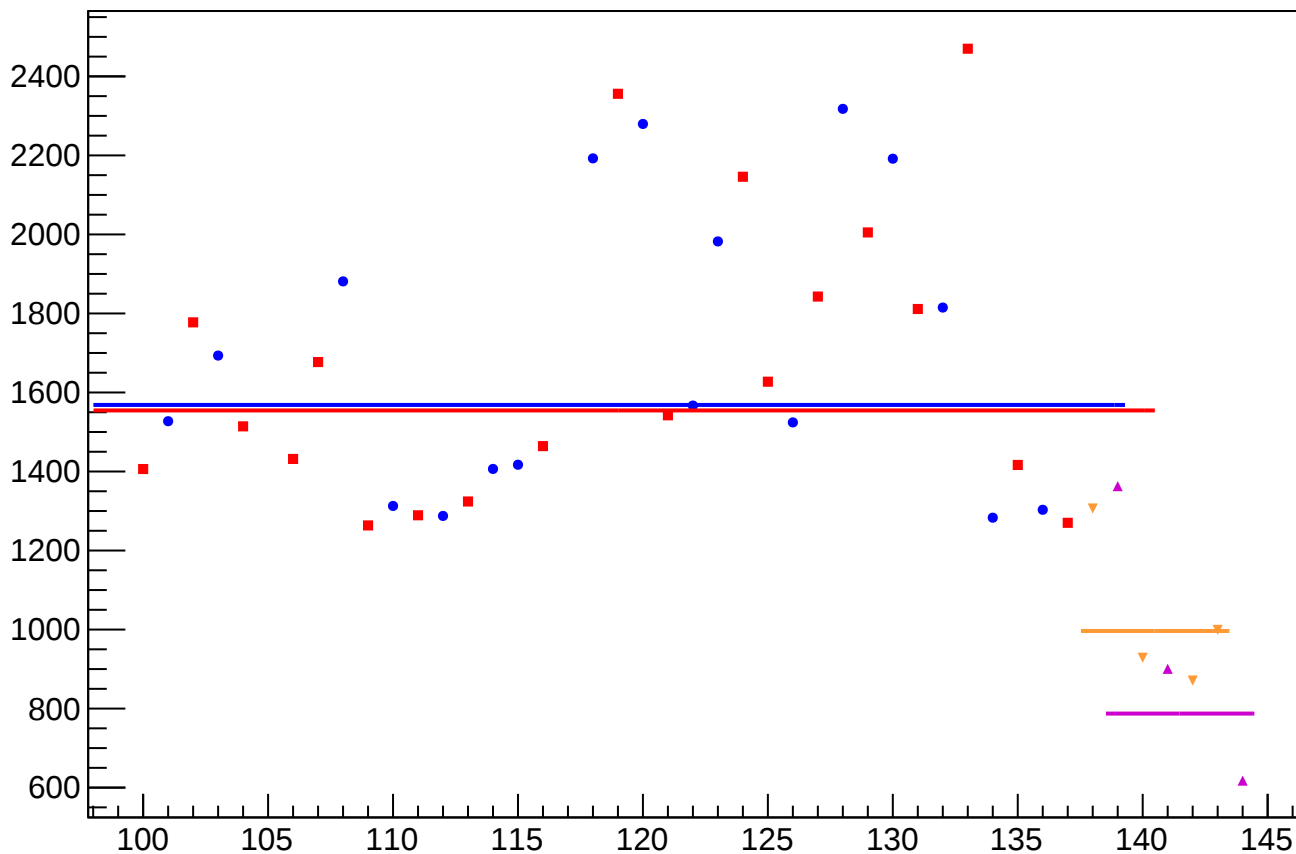
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -117.249+/-402.332 χ^2/NDF : 27.1/19

Out: 199.712+/-426.940 χ^2/NDF : 27.6/22

All: 31.834+/-292.805 χ^2/NDF : 55.0/42

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 996.393+/-0.433 χ^2/NDF : 107155.0/3

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 787.372+/-0.373 χ^2/NDF : 430981.3/2

Left: 876.502+/-0.283 χ^2/NDF : 671853.2/6

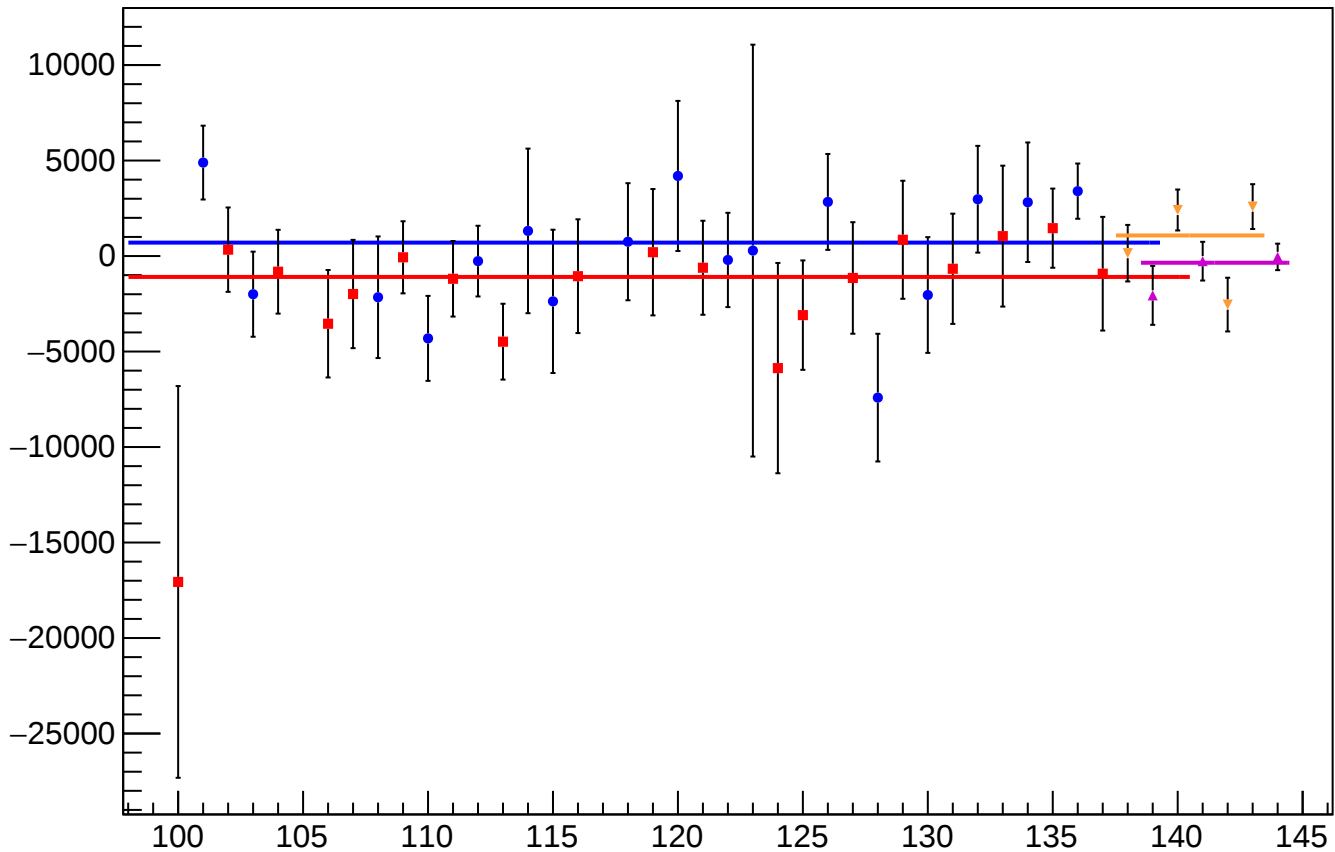
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 1114.725+/-0.284 χ^2/NDF : 2800446.2/19

Out: 1283.100+/-0.302 χ^2/NDF : 1473056.7/22

All: 1193.920+/-0.207 χ^2/NDF : 4438258.2/42

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1078.161 $\pm$ 625.344 χ^2 /NDF:10.2/3

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -350.960 $\pm$ 536.770 χ^2 /NDF:1.4/2

Left: 255.306 $\pm$ 407.301 χ^2 /NDF: 14.7/6

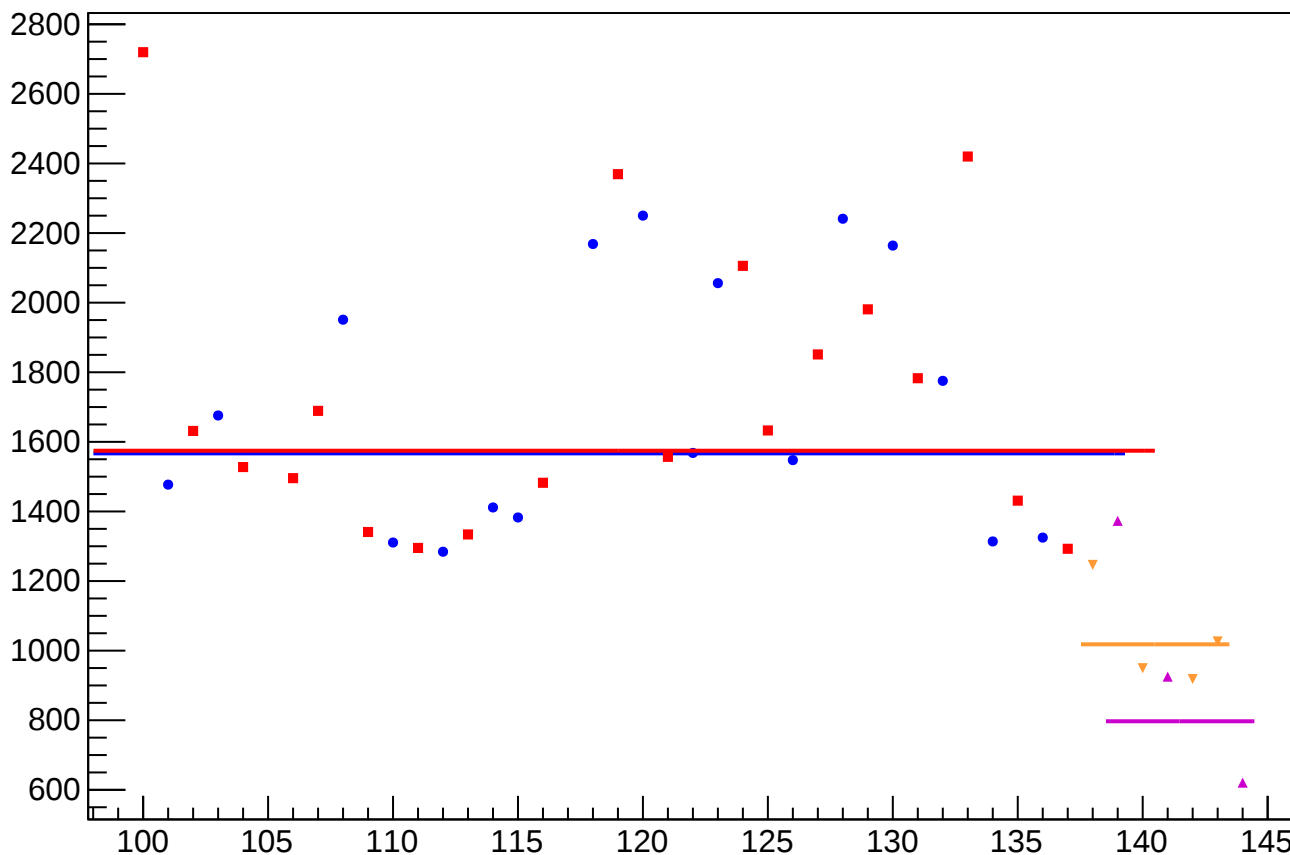
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 100.088 $\pm$ 405.987 χ^2 /NDF:29.1/19

Out: -46.980 $\pm$ 434.146 χ^2 /NDF:27.1/22

All: 31.478 $\pm$ 296.532 χ^2 /NDF: 56.2/42

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937+/-0.439 χ^2/NDF : 499846.2/16

Left Out: 1018.189+/-0.442 χ^2/NDF : 65923.4/3

Right Out: 1574.525+/-0.427 χ^2/NDF : 464289.2/18

Left In: 797.077+/-0.380 χ^2/NDF : 439606.9/2

Left: 890.878+/-0.288 χ^2/NDF : 649500.4/6

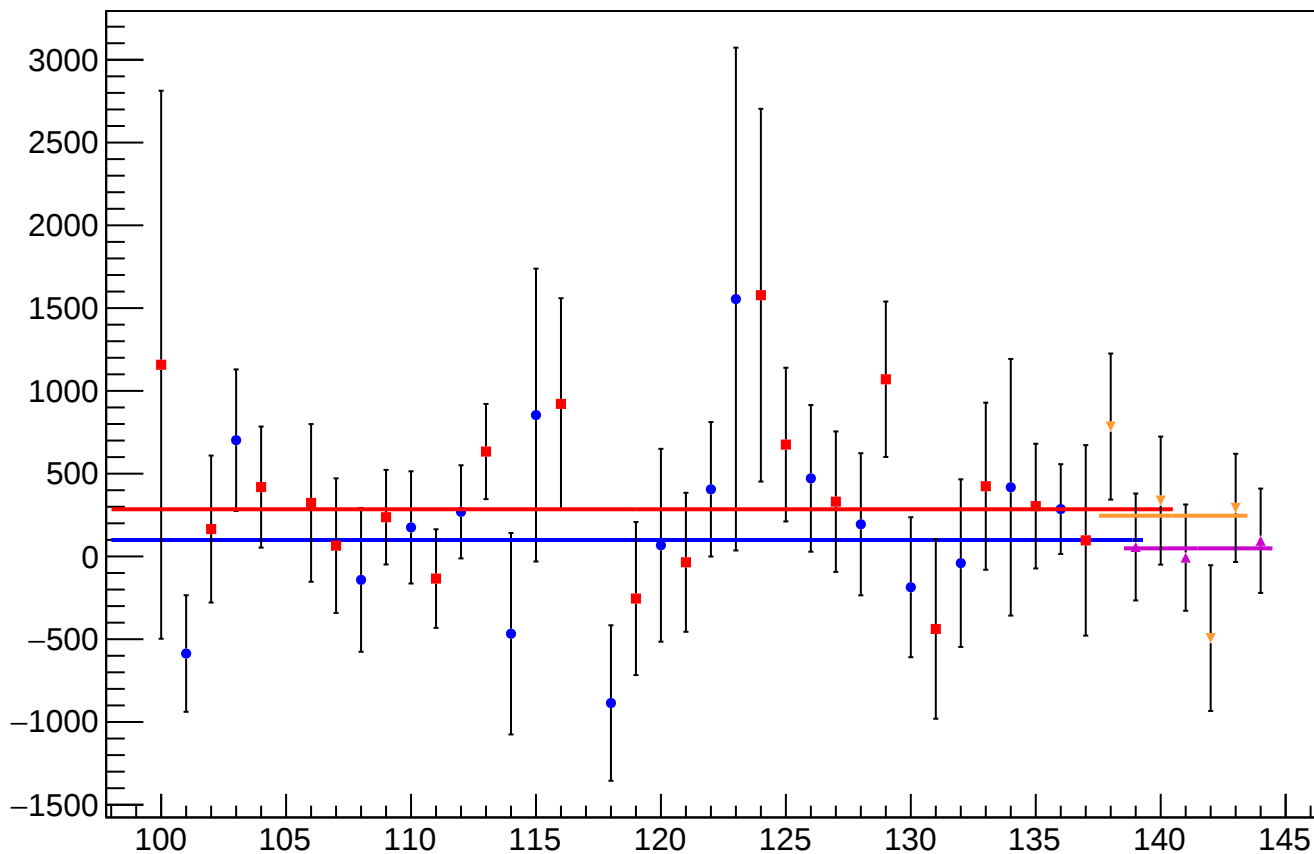
Right: 1570.839+/-0.306 χ^2/NDF : 964289.1/35

In: 1126.525+/-0.287 χ^2/NDF : 2700014.6/19

Out: 1306.379+/-0.307 χ^2/NDF : 1350202.7/22

All: 1210.431+/-0.210 χ^2/NDF : 4233331.0/42

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 246.127 $\pm$ 194.806 χ^2 /NDF:4.4/3

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 48.750 $\pm$ 184.504 χ^2 /NDF:0.1/2

Left: 142.082 $\pm$ 133.958 χ^2 /NDF: 5.0/6

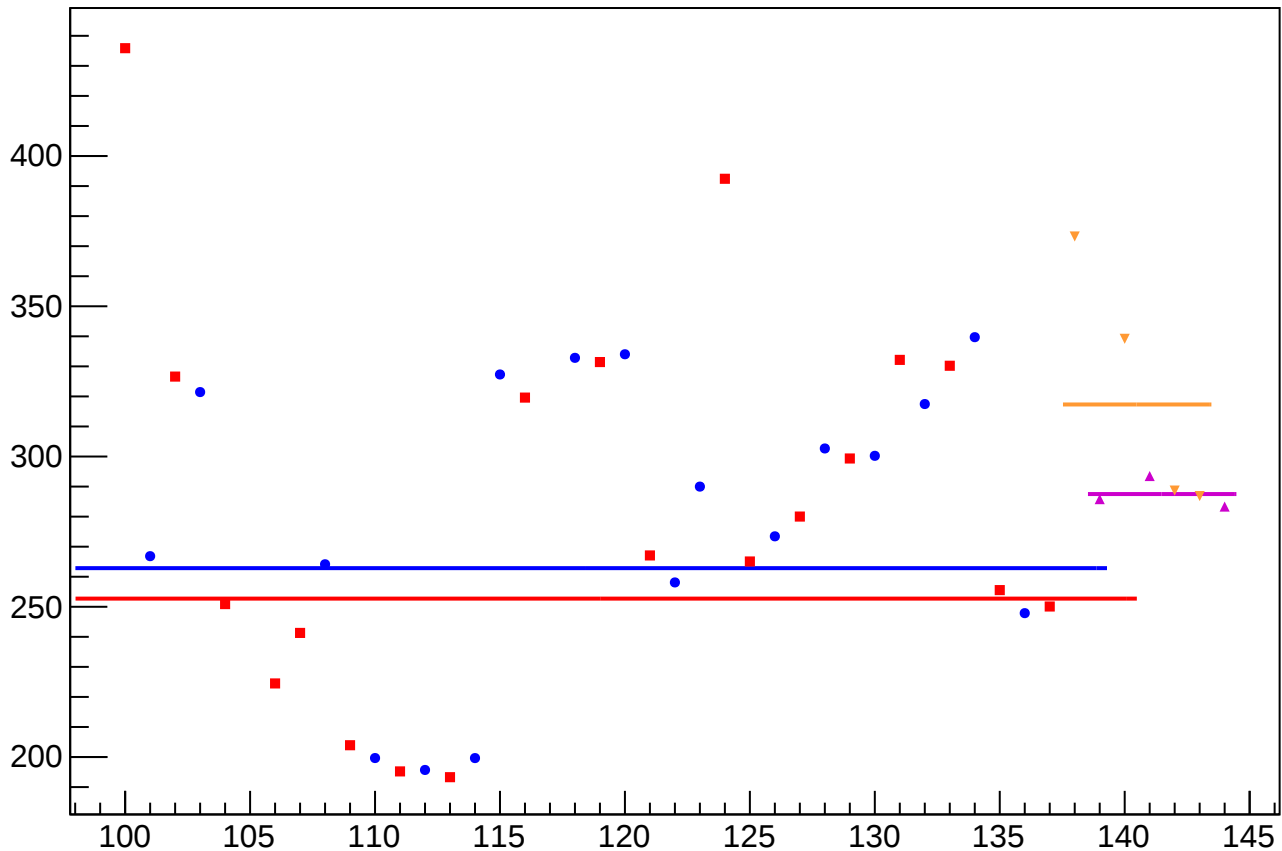
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 87.273 $\pm$ 90.243 χ^2 /NDF:16.0/19

Out: 277.093 $\pm$ 87.339 χ^2 /NDF:18.4/22

All: 185.287 $\pm$ 62.759 χ^2 /NDF: 36.7/42

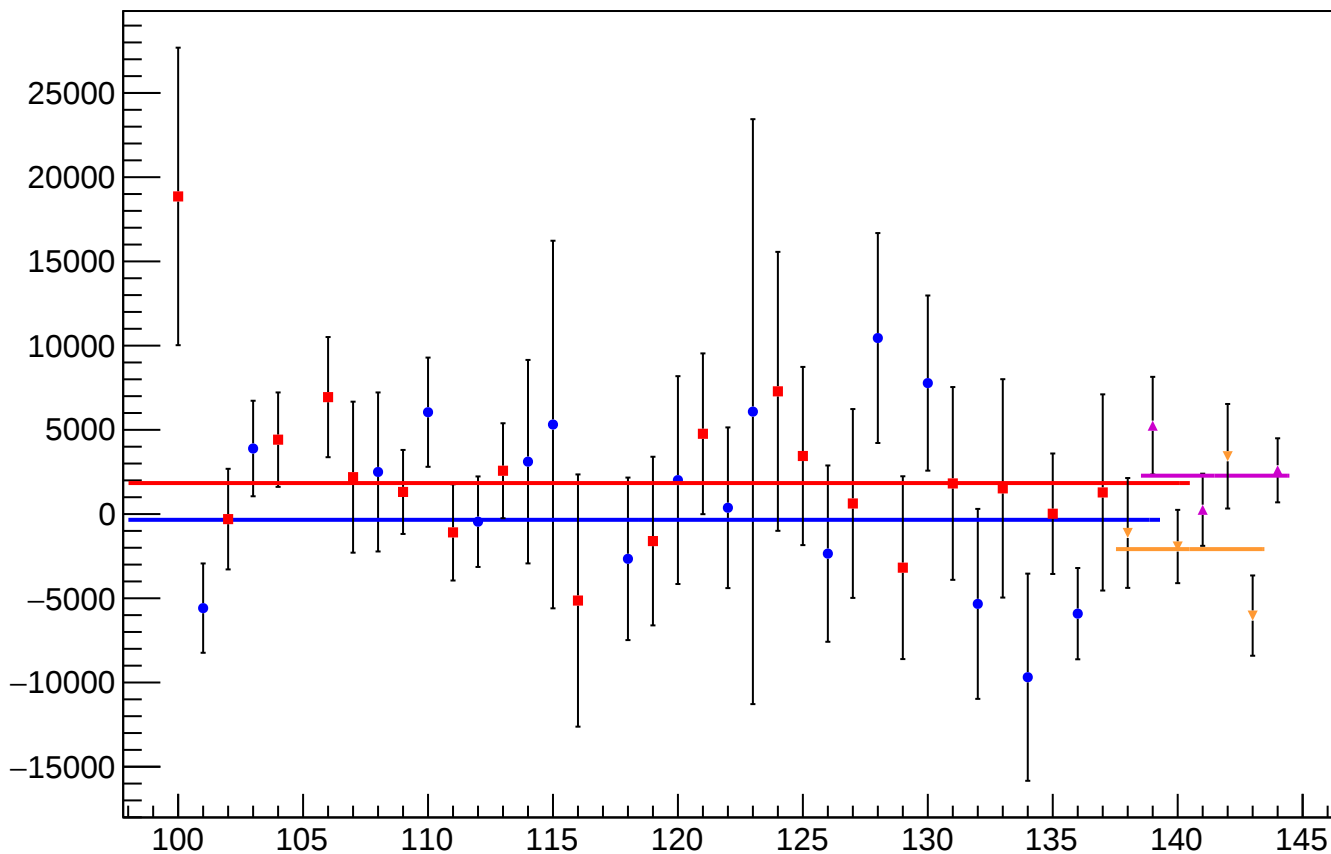
dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16
 Left Out: 317.321+/-0.138 χ^2/NDF : 64385.2/3
 Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18
 Left In: 287.515+/-0.130 χ^2/NDF : 1103.4/2

Left: 301.609+/-0.095 χ^2/NDF : 90170.6/6
 Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35
 In: 268.755+/-0.064 χ^2/NDF : 439978.0/19
 Out: 265.705+/-0.062 χ^2/NDF : 779845.1/22
 All: 267.180+/-0.044 χ^2/NDF : 1221002.9/42

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: 1840.596 ± 924.746 χ^2/NDF : 11.7/18

Left In: 2278.856 ± 1276.838 χ^2/NDF : 2.0/2

Left: 150.375 ± 913.407 χ^2/NDF : 13.7/6

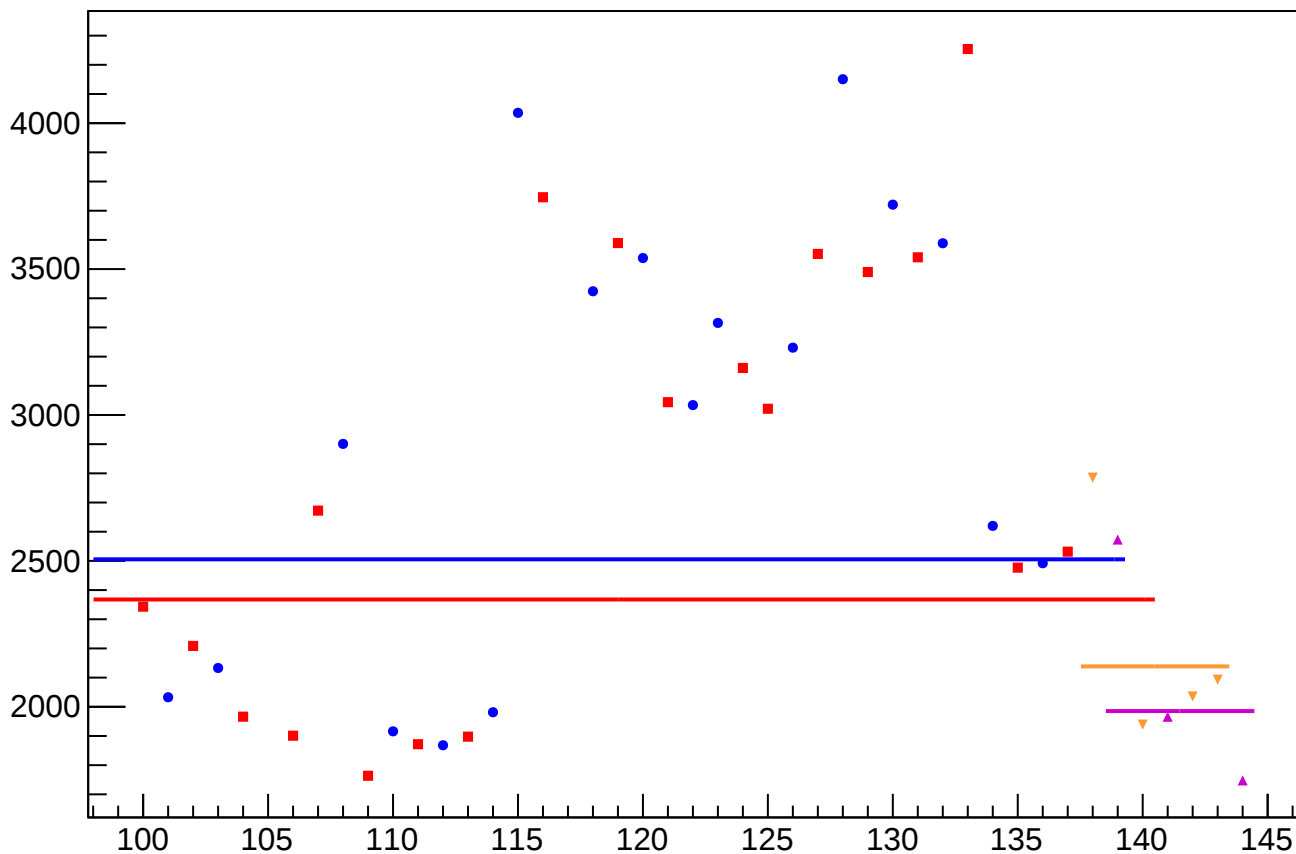
Right: 839.728 ± 680.387 χ^2/NDF : 38.7/35

In: 660.407 ± 789.540 χ^2/NDF : 29.0/19

Out: 532.768 ± 754.939 χ^2/NDF : 23.7/22

All: 593.729 ± 545.645 χ^2/NDF : 52.7/42

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2138.442 $\pm$ 0.924 χ^2 /NDF: 98404.6/3

Right Out: 2367.730 $\pm$ 0.654 χ^2 /NDF: 1030895.6/18

Left In: 1985.364 $\pm$ 0.903 χ^2 /NDF: 113560.8/2

Left: 2060.104 $\pm$ 0.646 χ^2 /NDF: 226000.9/6

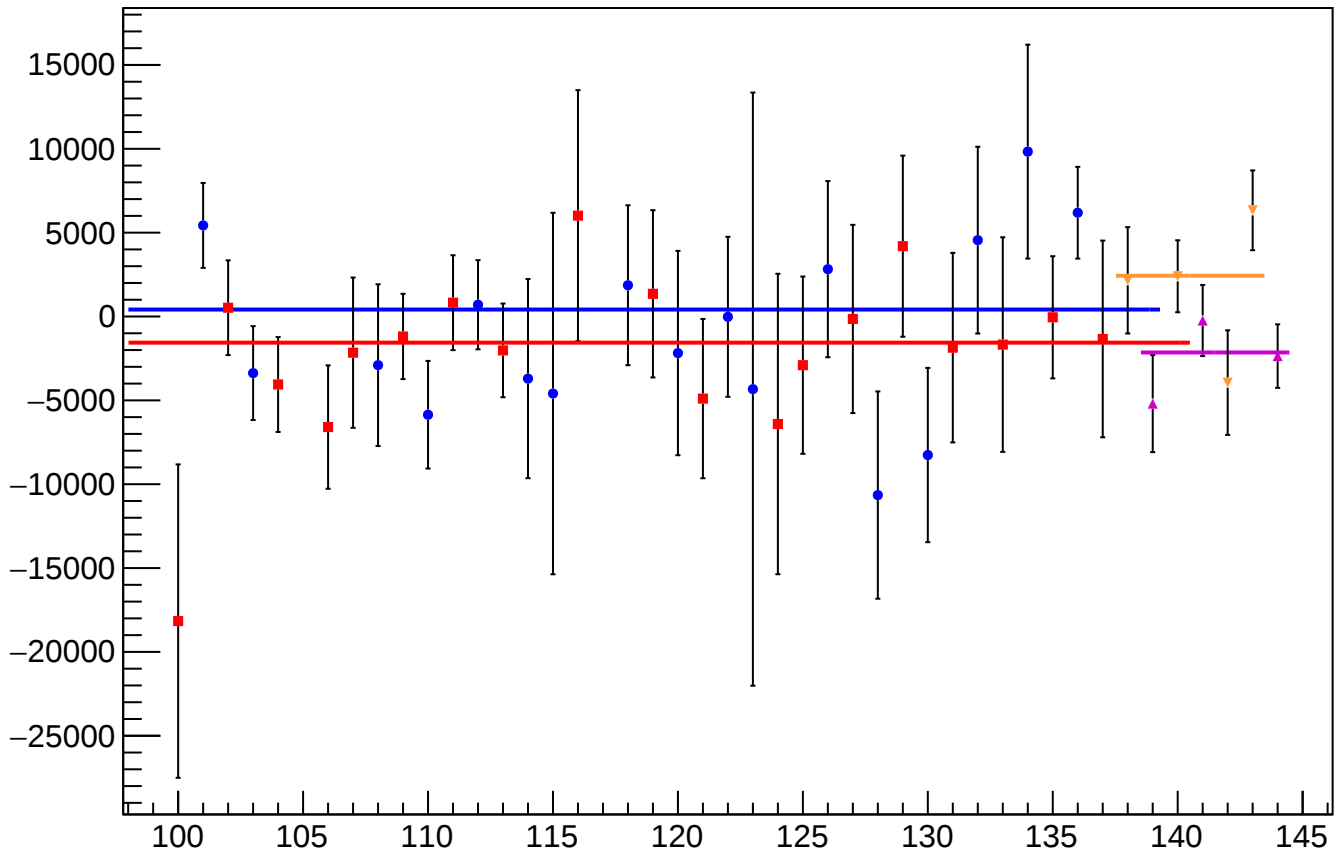
Right: 2430.842 $\pm$ 0.481 χ^2 /NDF: 1915339.5/35

In: 2306.513 $\pm$ 0.558 χ^2 /NDF: 1182546.4/19

Out: 2291.255 $\pm$ 0.534 χ^2 /NDF: 1170309.8/22

All: 2298.542 $\pm$ 0.386 χ^2 /NDF: 2353246.4/42

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 2431.414+/-1295.121 χ^2/NDF : 6.9/3

Right Out: -1558.787+/-924.438 χ^2/NDF : 10.7/18

Left In: -2144.103+/-1269.129 χ^2/NDF : 1.9/2

Left: 97.283+/-906.460 χ^2/NDF : 15.2/6

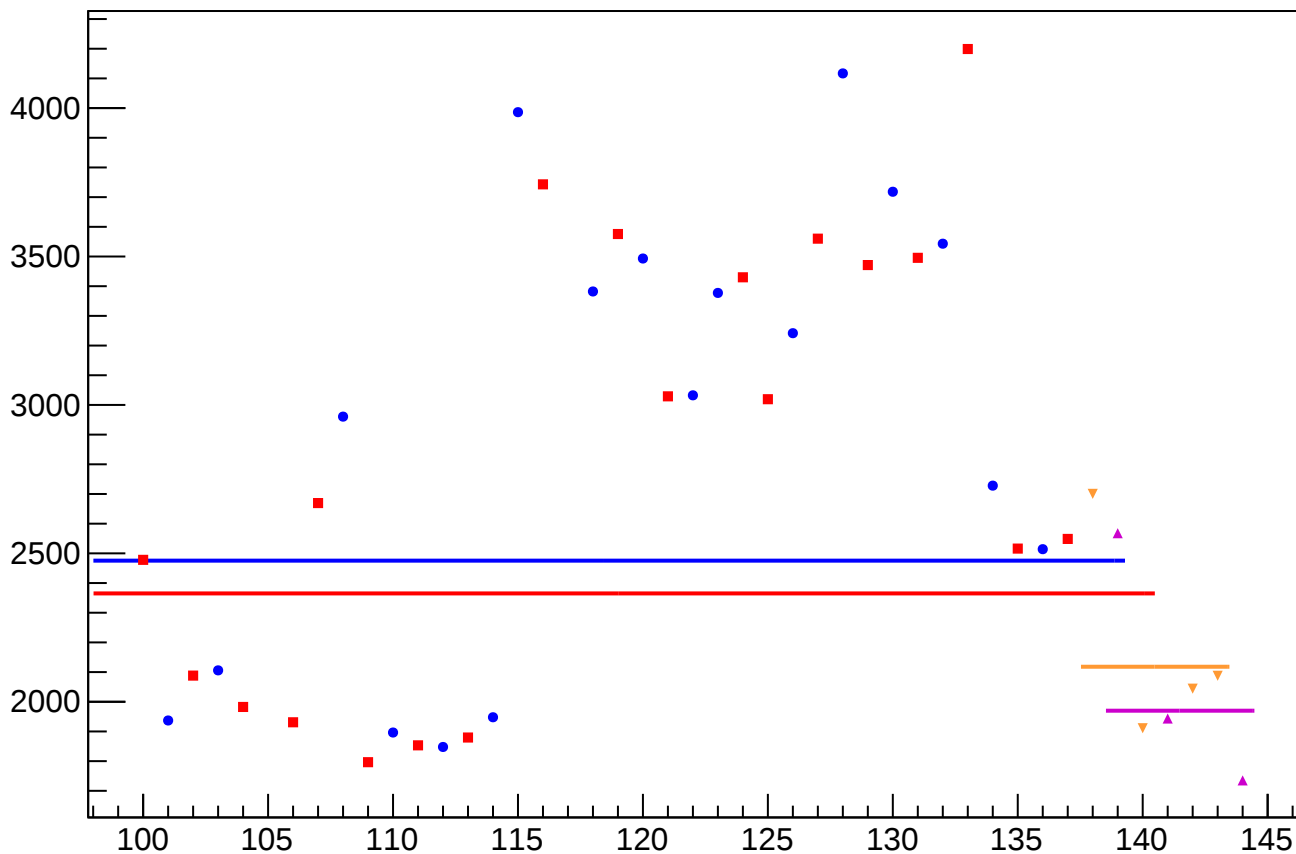
Right: -644.015+/-677.222 χ^2/NDF : 37.3/35

In: -558.739+/-782.995 χ^2/NDF : 29.0/19

Out: -211.996+/-752.424 χ^2/NDF : 23.9/22

All: -378.467+/-542.530 χ^2/NDF : 52.9/42

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2118.026 $\pm$ 0.916 χ^2 /NDF: 87574.5/3

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 1969.925 $\pm$ 0.897 χ^2 /NDF: 116371.2/2

Left: 2042.475 $\pm$ 0.641 χ^2 /NDF: 217287.6/6

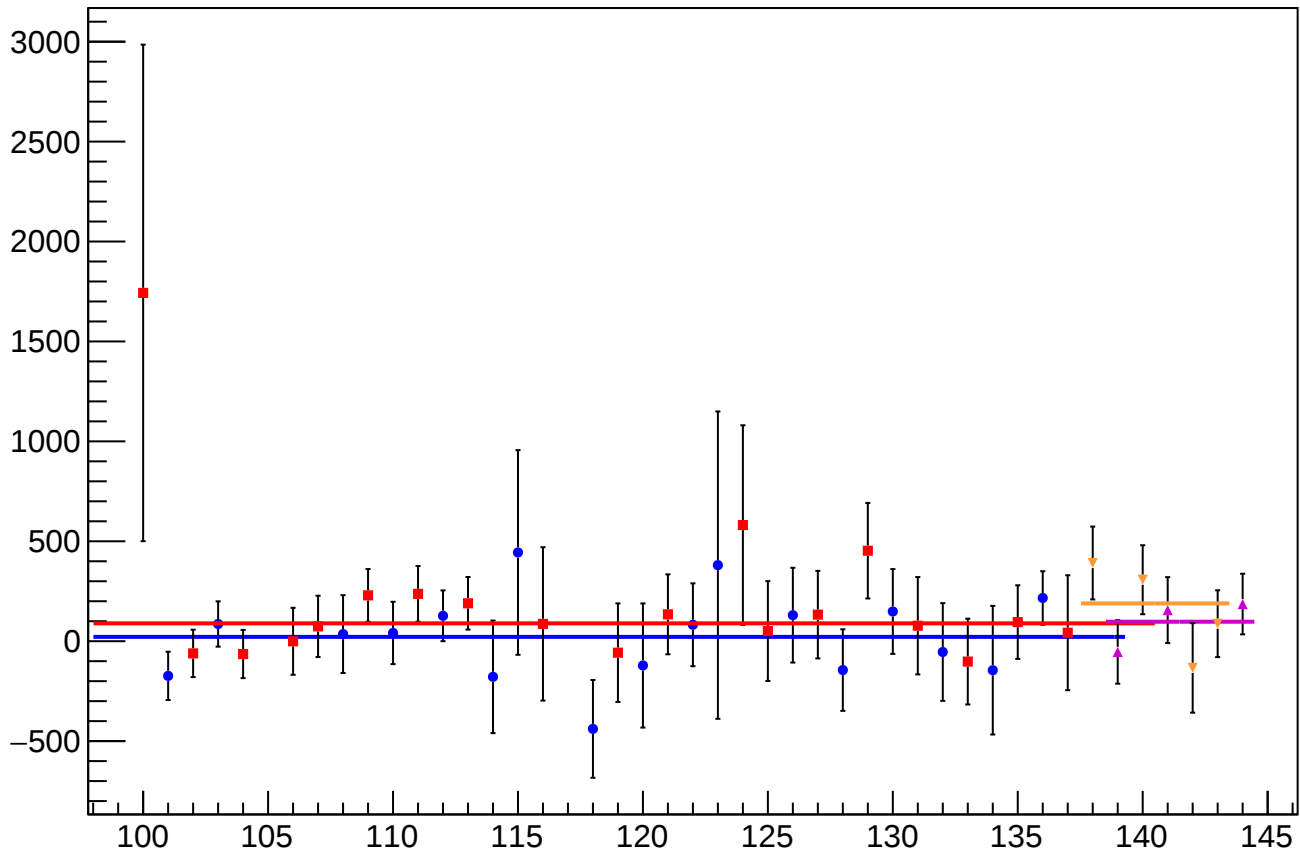
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2283.021 $\pm$ 0.554 χ^2 /NDF: 1225973.2/19

Out: 2281.657 $\pm$ 0.532 χ^2 /NDF: 1162937.4/22

All: 2282.312 $\pm$ 0.384 χ^2 /NDF: 2388913.7/42

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 189.129 $\pm$ 91.506 χ^2 /NDF:4.1/3

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 97.453 $\pm$ 91.352 χ^2 /NDF:1.4/2

Left: 143.214 $\pm$ 64.650 χ^2 /NDF: 6.0/6

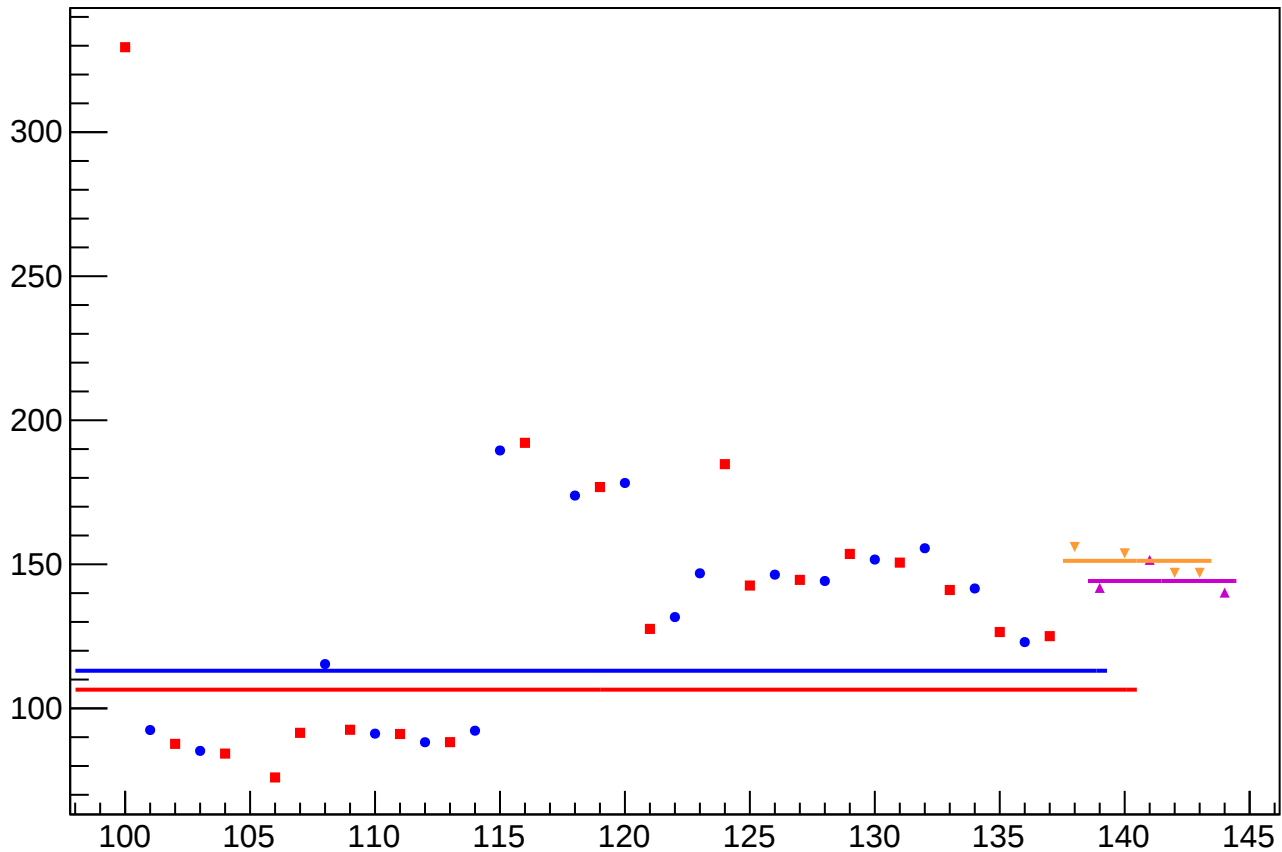
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 36.534 $\pm$ 40.481 χ^2 /NDF:14.5/19

Out: 106.547 $\pm$ 38.023 χ^2 /NDF:17.8/22

All: 73.731 $\pm$ 27.715 χ^2 /NDF: 33.9/42

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 151.207+/-0.065 χ^2/NDF : 3786.2/3

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 144.211+/-0.065 χ^2/NDF : 5817.3/2

Left: 147.703+/-0.046 χ^2/NDF : 15457.9/6

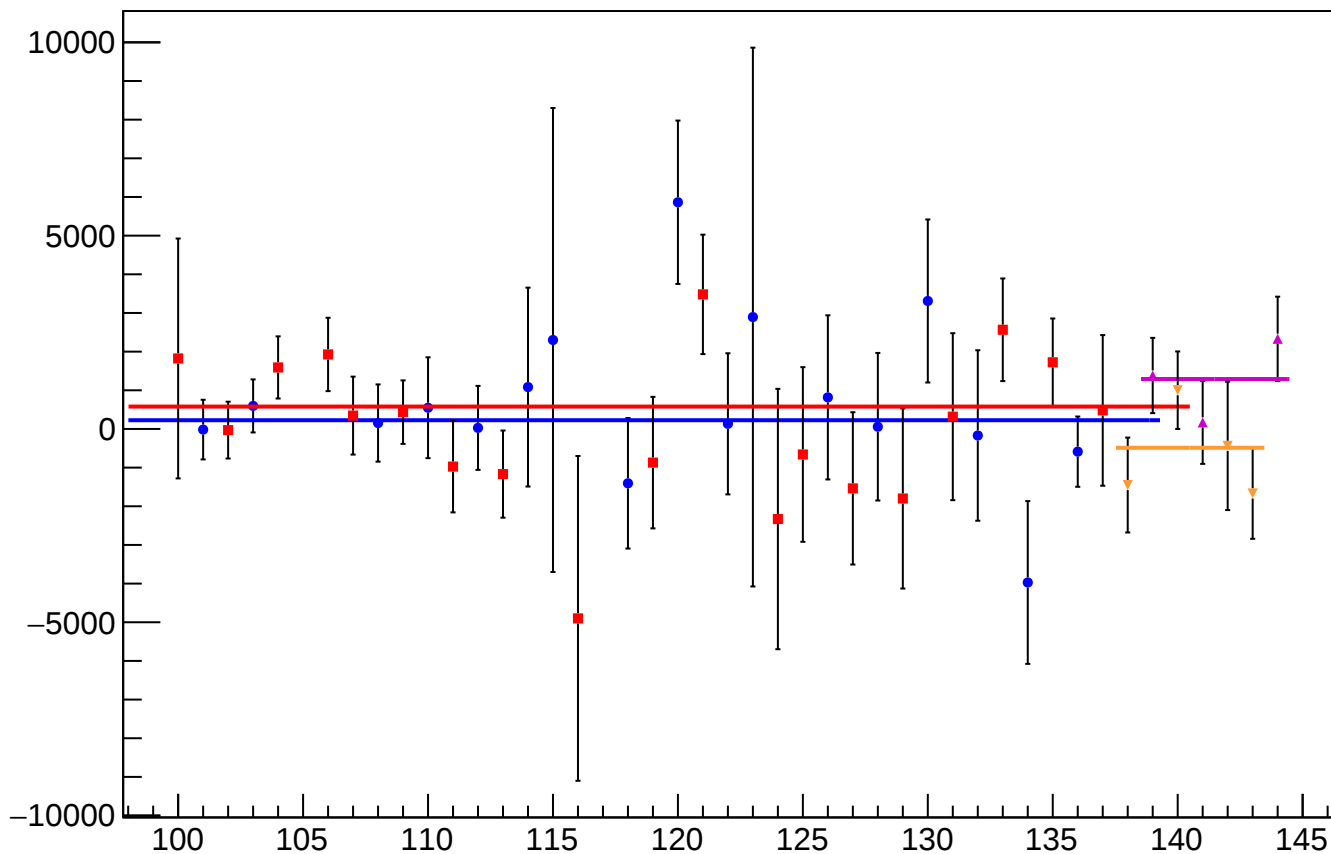
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 119.176+/-0.029 χ^2/NDF : 1013524.1/19

Out: 114.213+/-0.027 χ^2/NDF : 1415097.9/22

All: 116.539+/-0.020 χ^2/NDF : 2444592.3/42

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -486.883+/-603.236 χ^2/NDF : 3.8/3

Right Out: 579.018+/-289.235 χ^2/NDF : 21.1/18

Left In: 1291.039+/-601.249 χ^2/NDF : 2.0/2

Left: 405.010+/-425.848 χ^2/NDF : 10.2/6

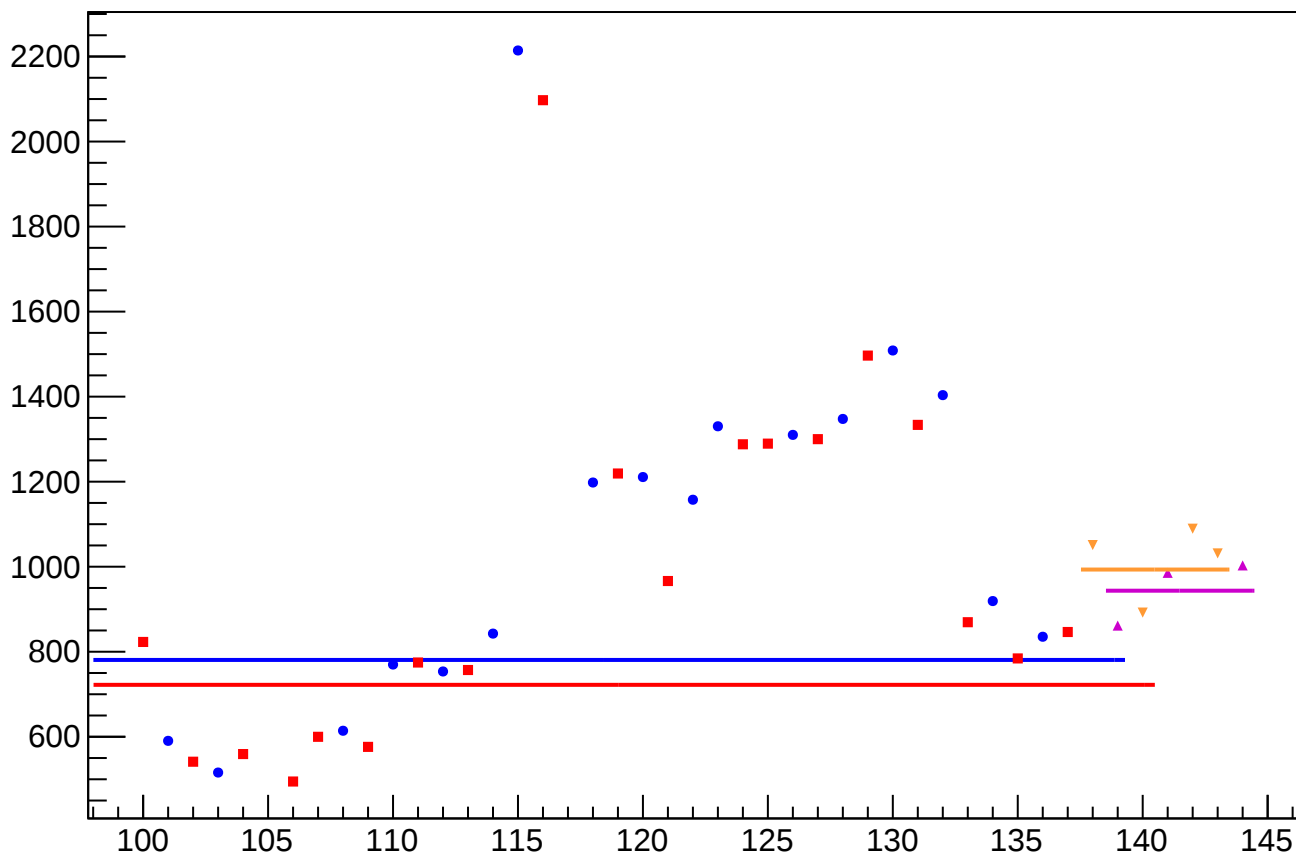
Right: 420.896+/-214.998 χ^2/NDF : 37.8/35

In: 462.426+/-283.453 χ^2/NDF : 20.4/19

Out: 379.778+/-260.806 χ^2/NDF : 27.5/22

All: 417.669+/-191.925 χ^2/NDF : 48.0/42

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 993.318+/-0.427 χ^2/NDF : 33583.1/3

Right Out: 722.148+/-0.205 χ^2/NDF : 1628760.4/18

Left In: 943.564+/-0.425 χ^2/NDF : 23245.0/2

Left: 968.359+/-0.301 χ^2/NDF : 63653.3/6

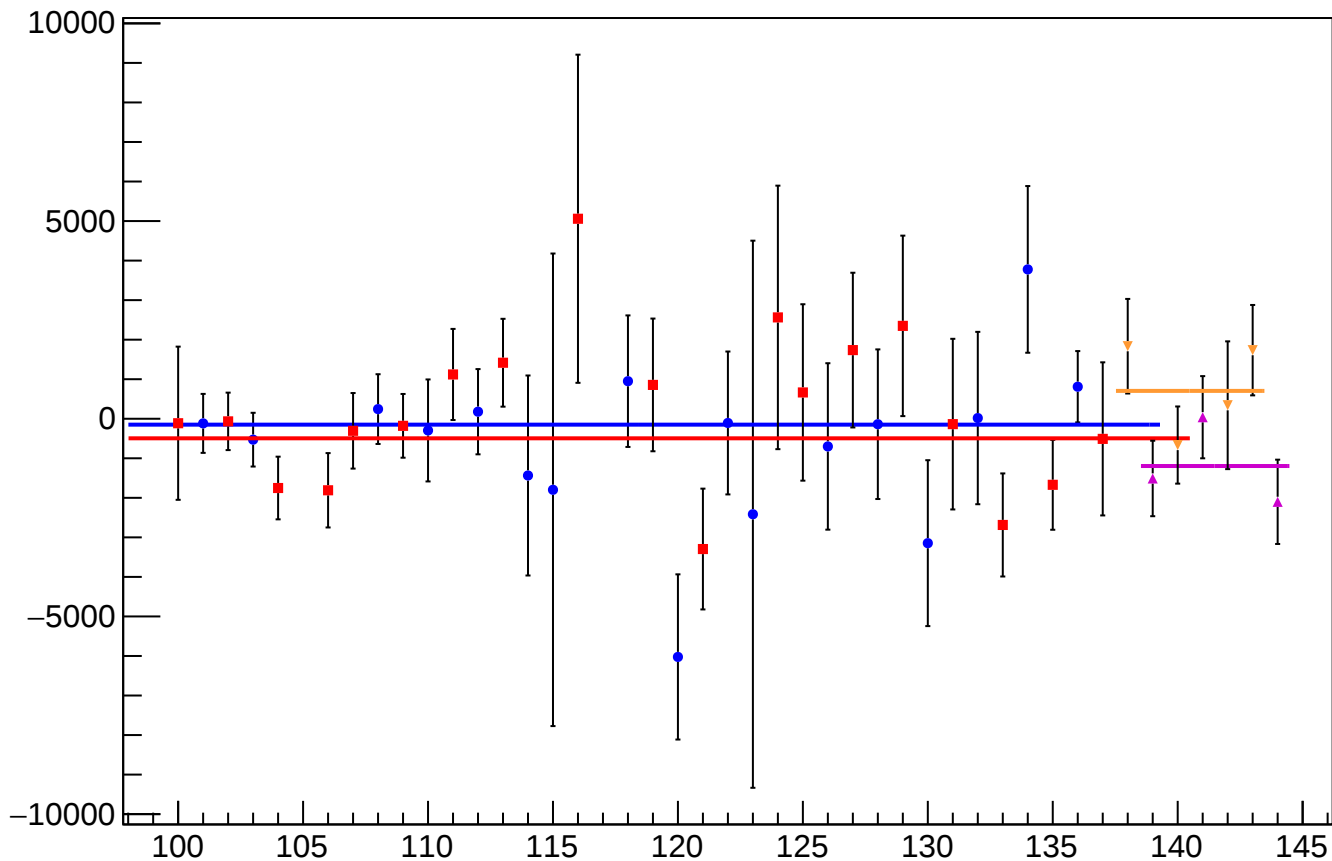
Right: 748.347+/-0.152 χ^2/NDF : 3274944.8/35

In: 816.897+/-0.200 χ^2/NDF : 1746887.6/19

Out: 772.836+/-0.184 χ^2/NDF : 1990947.3/22

All: 793.036+/-0.136 χ^2/NDF : 3764006.2/42

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 704.596+/-587.457 χ^2/NDF : 3.7/3

Right Out: -494.856+/-282.721 χ^2/NDF : 23.7/18

Left In: -1195.438+/-586.863 χ^2/NDF : 2.2/2

Left: -246.382+/-415.185 χ^2/NDF : 11.2/6

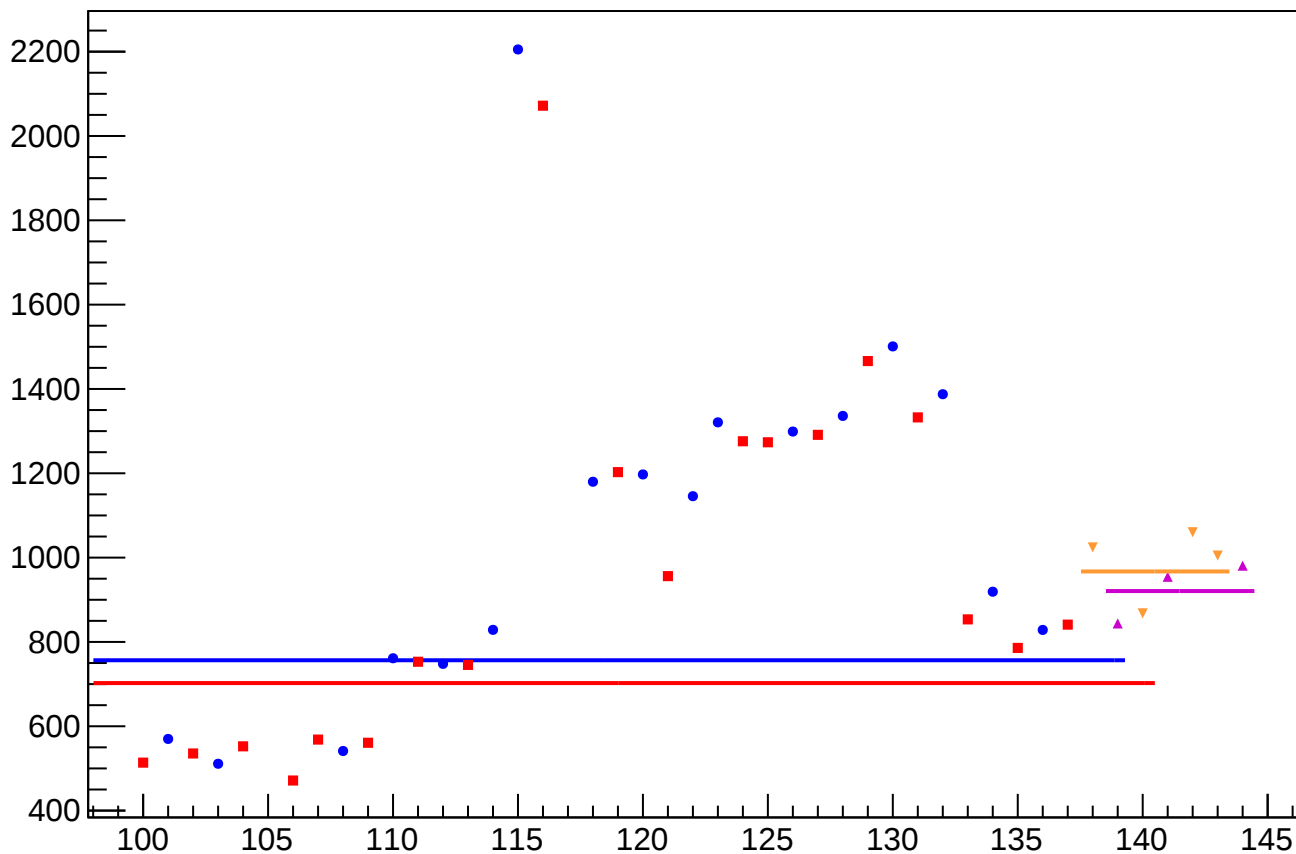
Right: -339.515+/-209.793 χ^2/NDF : 40.5/35

In: -380.829+/-276.150 χ^2/NDF : 20.8/19

Out: -269.291+/-254.754 χ^2/NDF : 30.8/22

All: -320.572+/-187.246 χ^2/NDF : 51.7/42

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 967.144+/-0.415 χ^2/NDF : 34093.6/3

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 920.699+/-0.415 χ^2/NDF : 21458.5/2

Left: 943.898+/-0.294 χ^2/NDF : 61808.9/6

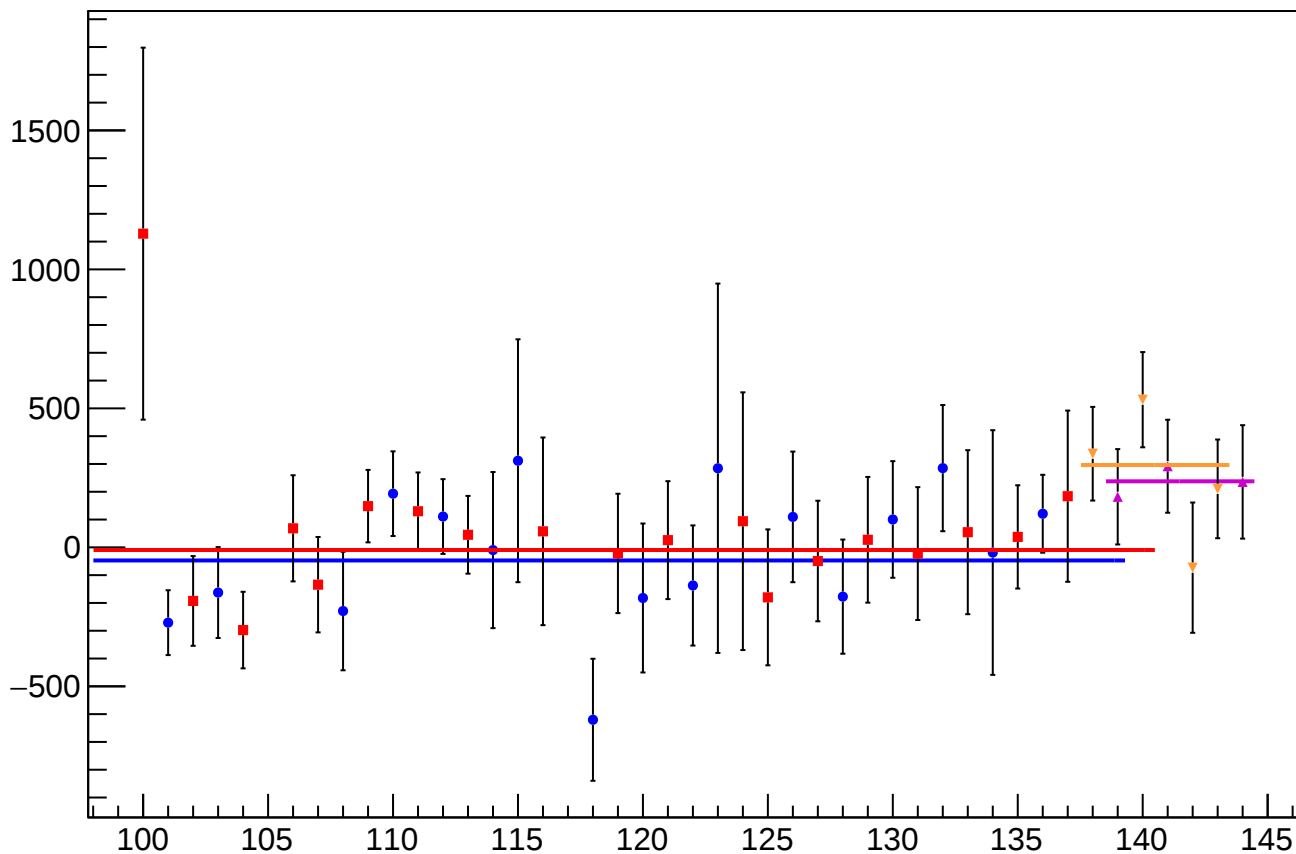
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 792.887+/-0.195 χ^2/NDF : 1856942.8/19

Out: 752.223+/-0.180 χ^2/NDF : 2053180.8/22

All: 770.919+/-0.132 χ^2/NDF : 3933552.7/42

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 296.182 ± 91.574 χ^2/NDF : 4.7/3

Right Out: -9.507 ± 44.749 χ^2/NDF : 13.0/18

Left In: 237.551 ± 103.293 χ^2/NDF : 0.2/2

Left: 270.380 ± 68.523 χ^2/NDF : 5.0/6

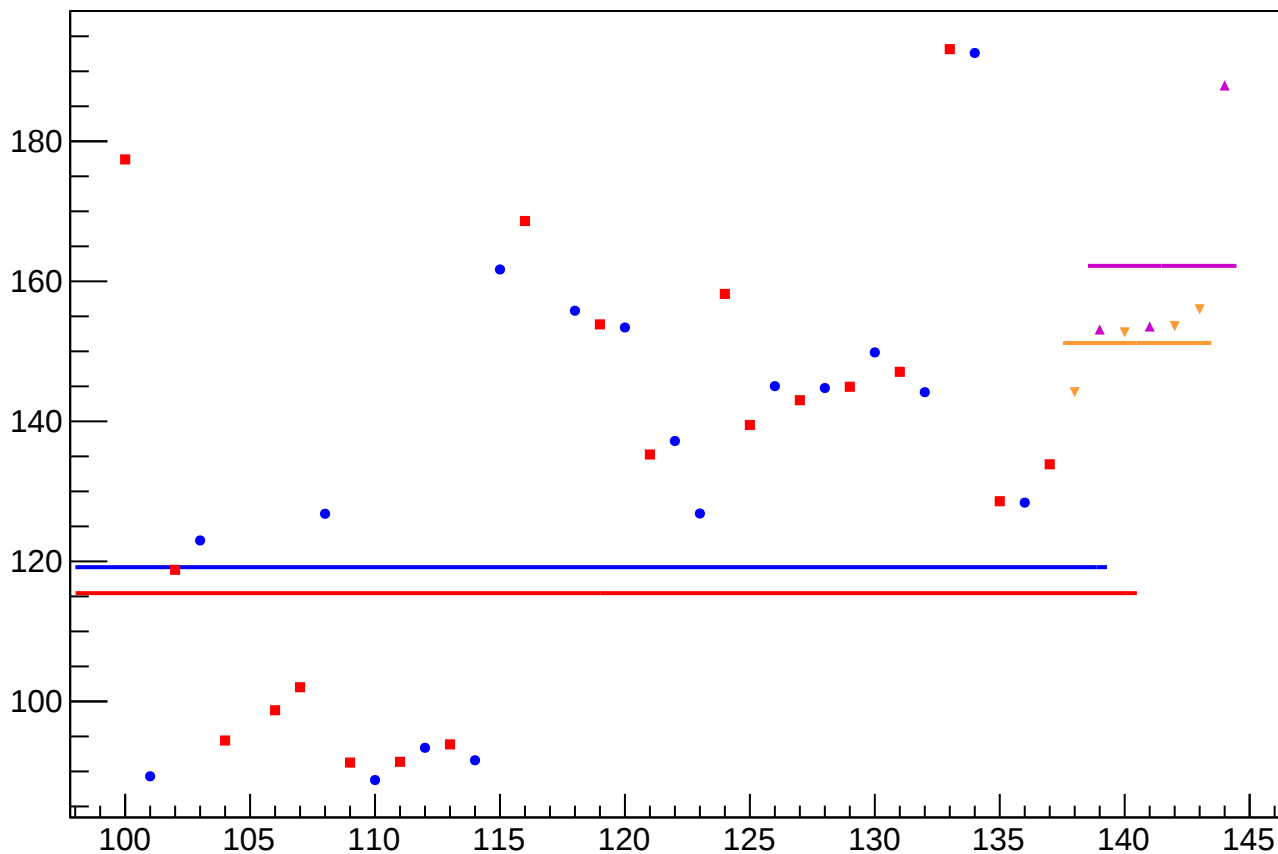
Right: -27.302 ± 32.497 χ^2/NDF : 35.3/35

In: 2.141 ± 42.982 χ^2/NDF : 28.4/19

Out: 49.418 ± 40.205 χ^2/NDF : 26.7/22

All: 27.356 ± 29.362 χ^2/NDF : 55.7/42

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2/NDF : 615304.2/16

Left Out: 151.195 $\pm$ 0.065 χ^2/NDF : 5315.8/3

Right Out: 115.466 $\pm$ 0.032 χ^2/NDF : 692783.7/18

Left In: 162.212 $\pm$ 0.073 χ^2/NDF : 42857.2/2

Left: 156.043 $\pm$ 0.048 χ^2/NDF : 60911.3/6

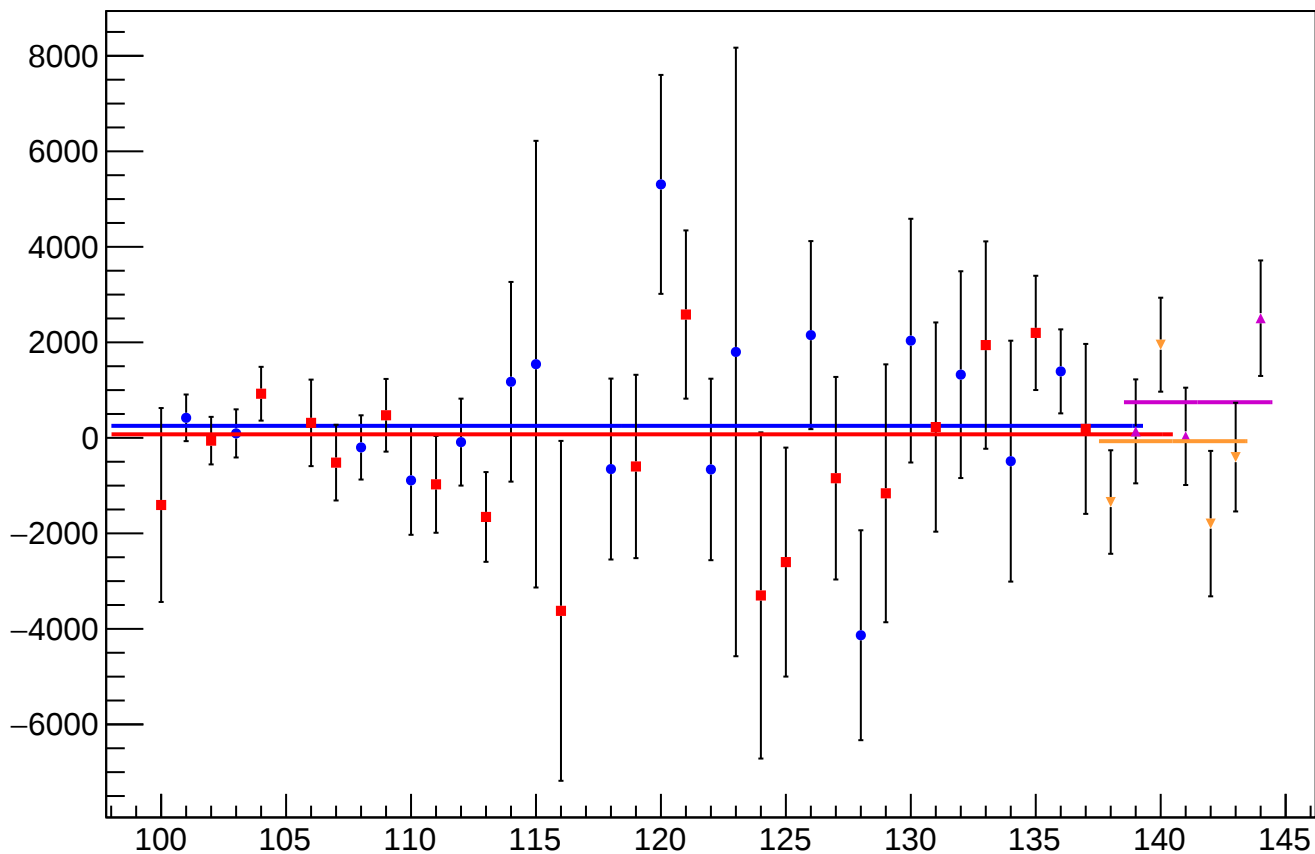
Right: 117.219 $\pm$ 0.023 χ^2/NDF : 1314582.7/35

In: 126.627 $\pm$ 0.030 χ^2/NDF : 945229.5/19

Out: 122.353 $\pm$ 0.028 χ^2/NDF : 943871.1/22

All: 124.348 $\pm$ 0.021 χ^2/NDF : 1899647.3/42

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: -69.518+/-569.117 χ^2/NDF : 7.0/3

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 746.304+/-633.699 χ^2/NDF : 2.9/2

Left: 294.715+/-423.424 χ^2/NDF : 10.8/6

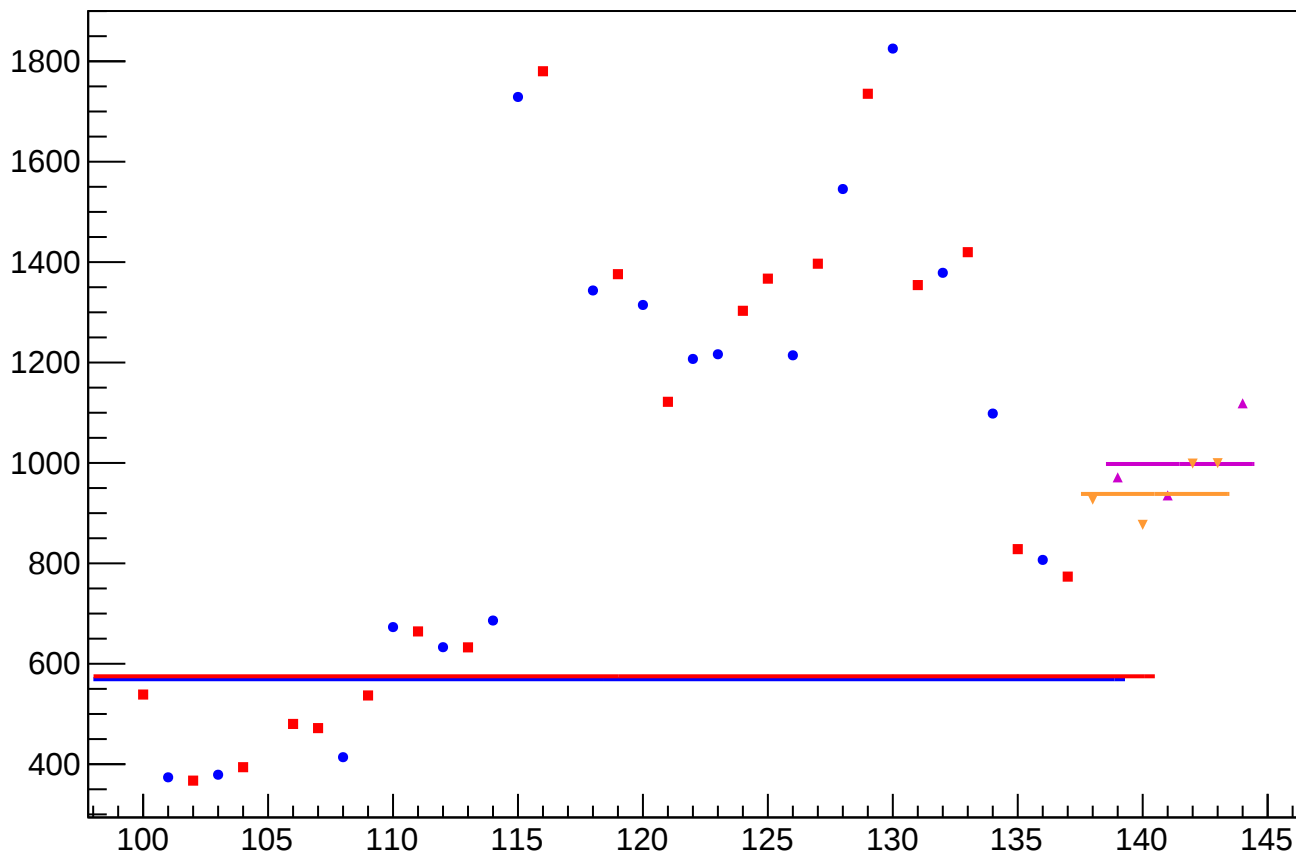
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 319.643+/-234.821 χ^2/NDF : 18.3/19

Out: 51.827+/-224.233 χ^2/NDF : 25.0/22

All: 179.561+/-162.171 χ^2/NDF : 44.0/42

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200+/-0.179 χ^2/NDF : 3267047.1/16

Left Out: 938.290+/-0.402 χ^2/NDF : 16990.8/3

Right Out: 575.051+/-0.173 χ^2/NDF : 3058923.3/18

Left In: 997.916+/-0.448 χ^2/NDF : 28705.3/2

Left: 964.911+/-0.299 χ^2/NDF : 55497.5/6

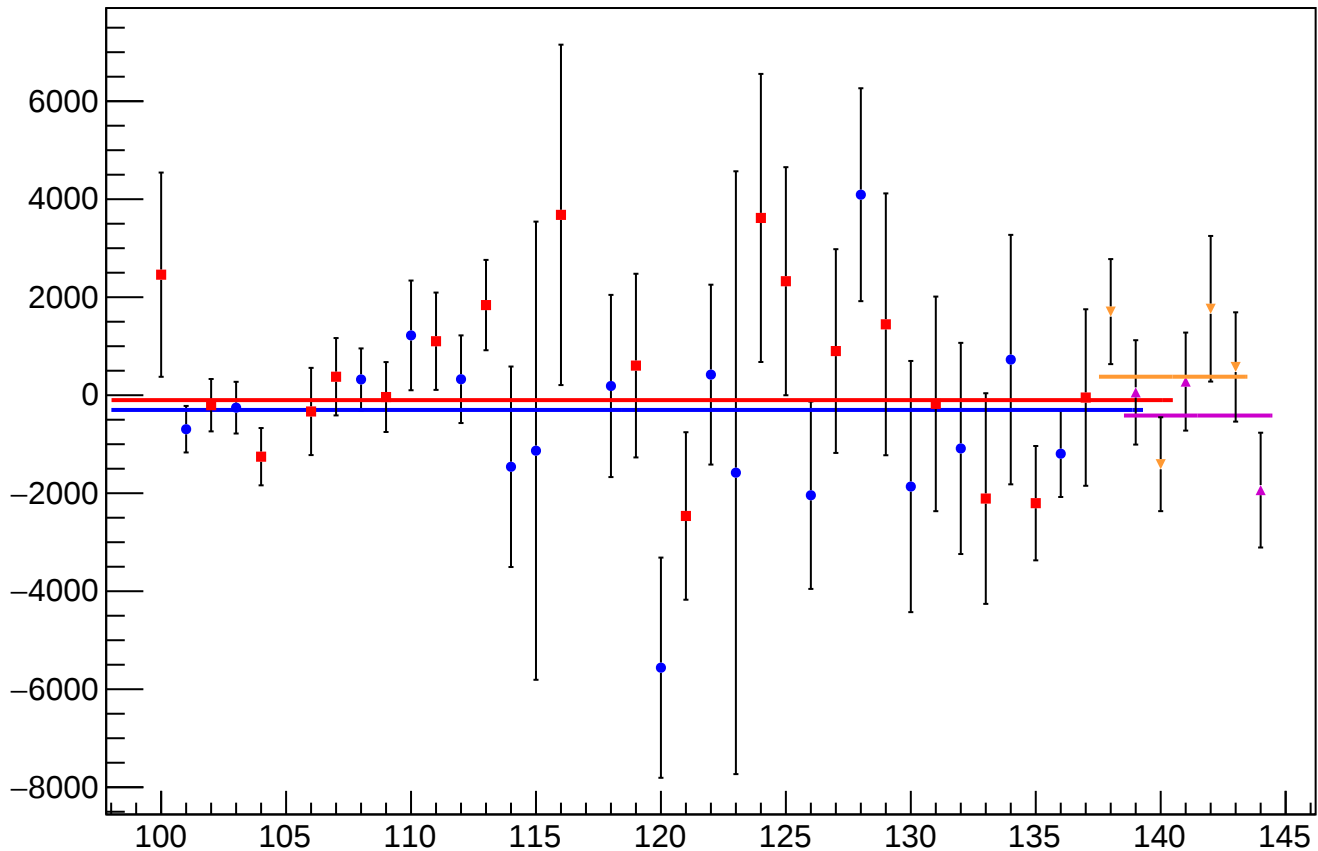
Right: 572.230+/-0.124 χ^2/NDF : 6326525.2/35

In: 628.067+/-0.166 χ^2/NDF : 4085445.3/19

Out: 631.439+/-0.159 χ^2/NDF : 3764164.3/22

All: 629.831+/-0.115 χ^2/NDF : 7849825.3/42

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: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: -414.752 ± 619.004 $\chi^2/\text{NDF}: 2.4/2$

Left: 22.738 ± 414.283 $\chi^2/\text{NDF}: 9.2/6$

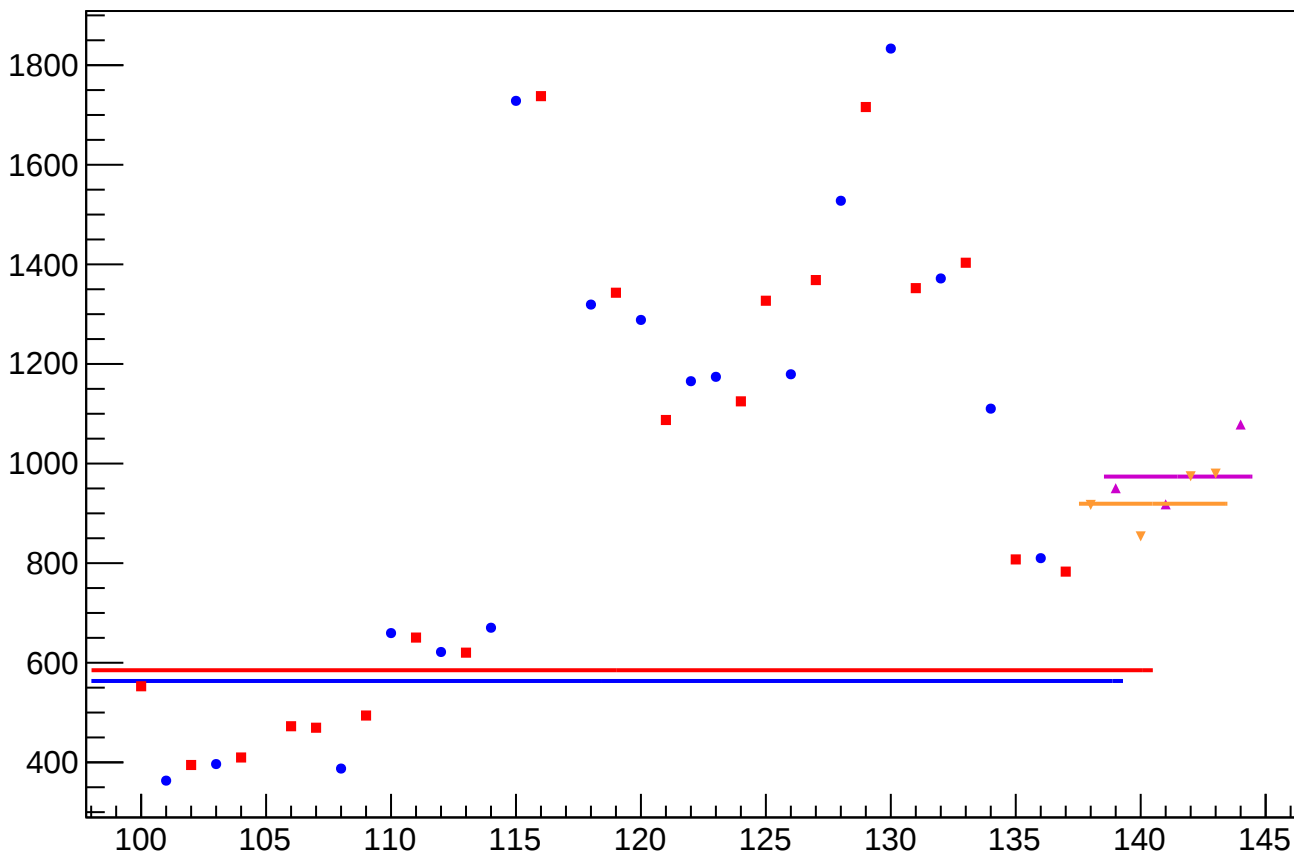
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -316.687 ± 232.049 $\chi^2/\text{NDF}: 19.1/19$

Out: -22.140 ± 225.038 $\chi^2/\text{NDF}: 28.9/22$

All: -164.896 ± 161.548 $\chi^2/\text{NDF}: 48.9/42$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 919.339+/-0.394 χ^2/NDF : 18006.6/3

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 973.845+/-0.438 χ^2/NDF : 23105.9/2

Left: 943.754+/-0.293 χ^2/NDF : 49673.6/6

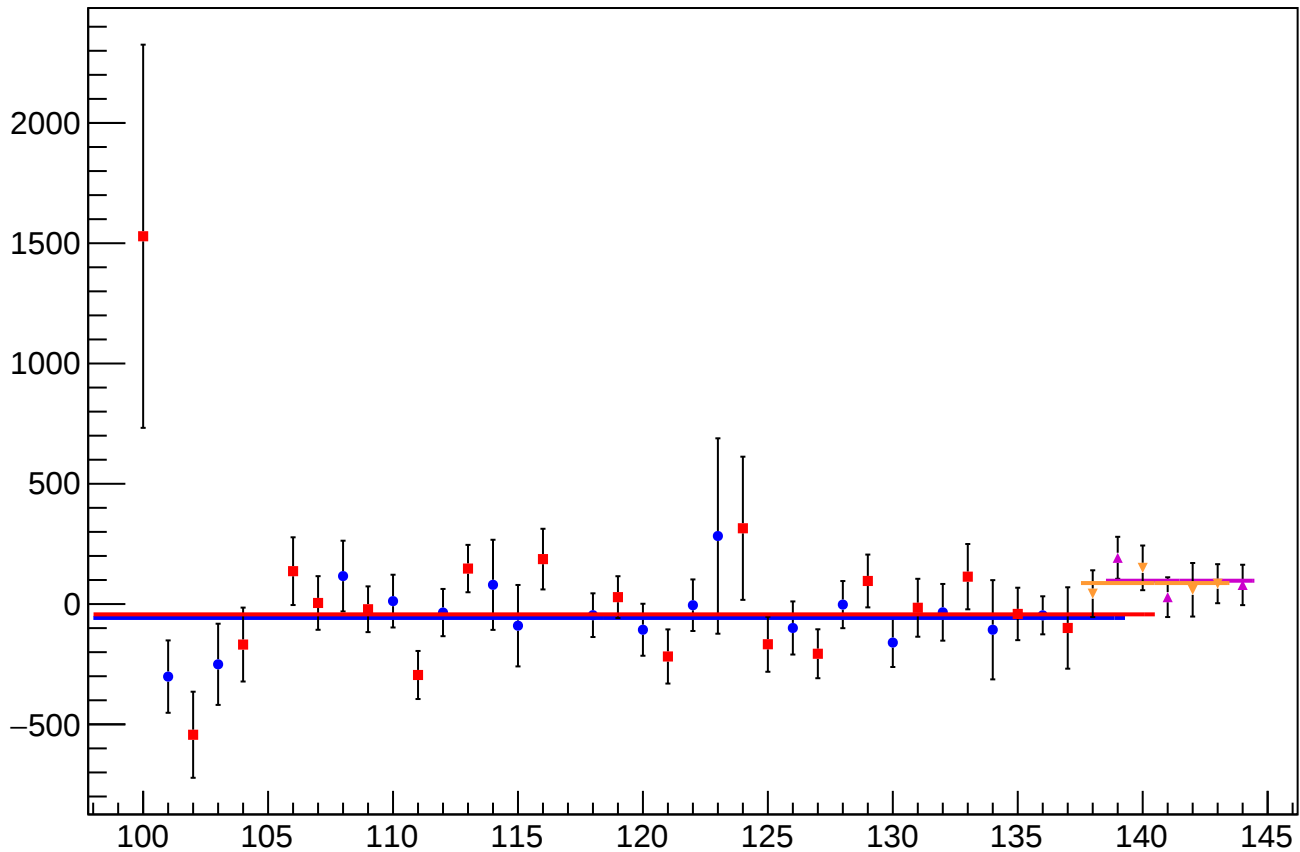
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 621.075+/-0.164 χ^2/NDF : 4037935.7/19

Out: 639.449+/-0.159 χ^2/NDF : 3438679.2/22

All: 630.544+/-0.114 χ^2/NDF : 7483077.3/42

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: -42.790 $\pm$ 27.694 χ^2/NDF : 39.1/18

Left In: 97.032 $\pm$ 48.815 χ^2/NDF : 1.9/2

Left: 91.987 $\pm$ 33.823 χ^2/NDF : 2.7/6

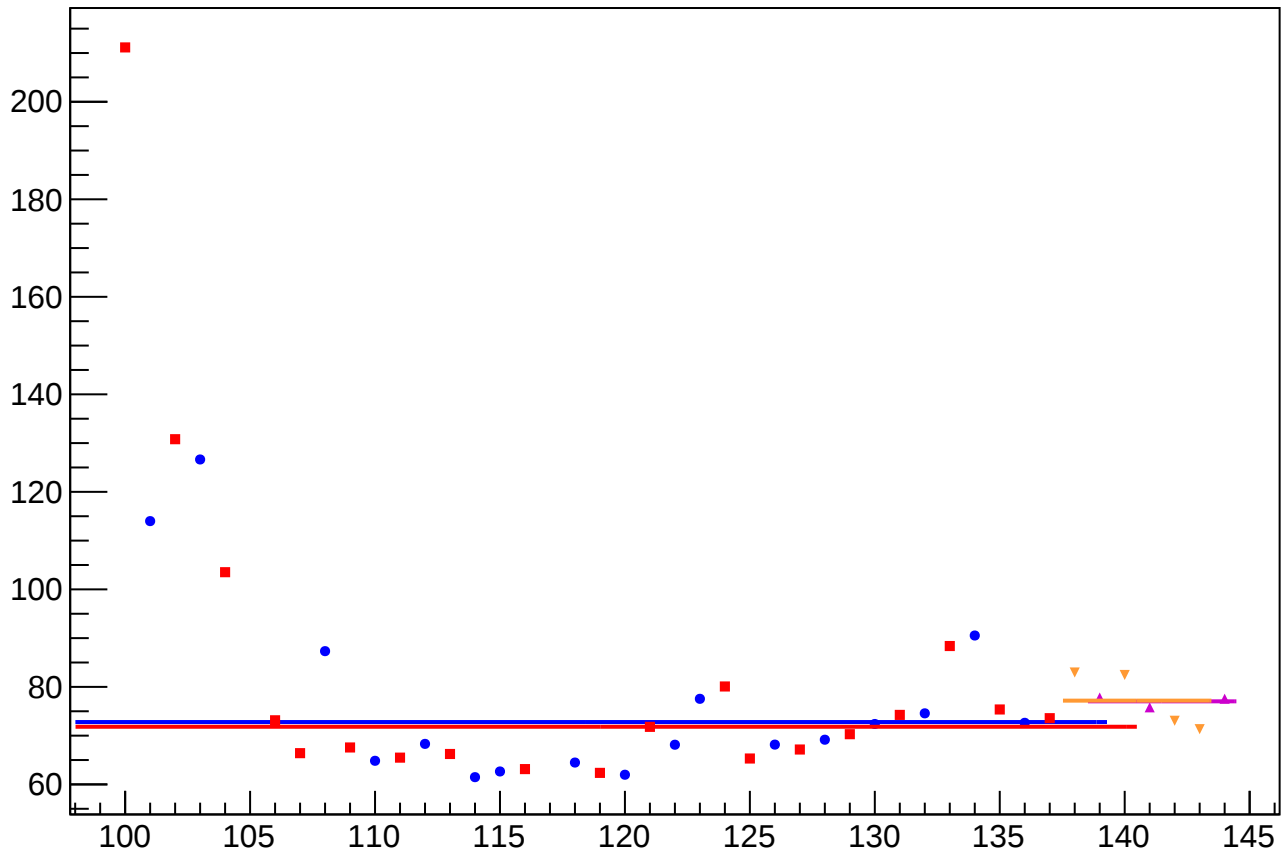
Right: -49.985 $\pm$ 19.927 χ^2/NDF : 48.4/35

In: -17.974 $\pm$ 24.736 χ^2/NDF : 18.5/19

Out: -9.157 $\pm$ 23.848 χ^2/NDF : 45.5/22

All: -13.405 $\pm$ 17.169 χ^2/NDF : 64.1/42

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 77.179 $\pm$ 0.033 χ^2 /NDF:26638.3/3

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 77.037 $\pm$ 0.035 χ^2 /NDF:685.0/2

Left: 77.111 $\pm$ 0.024 χ^2 /NDF: 27332.1/6

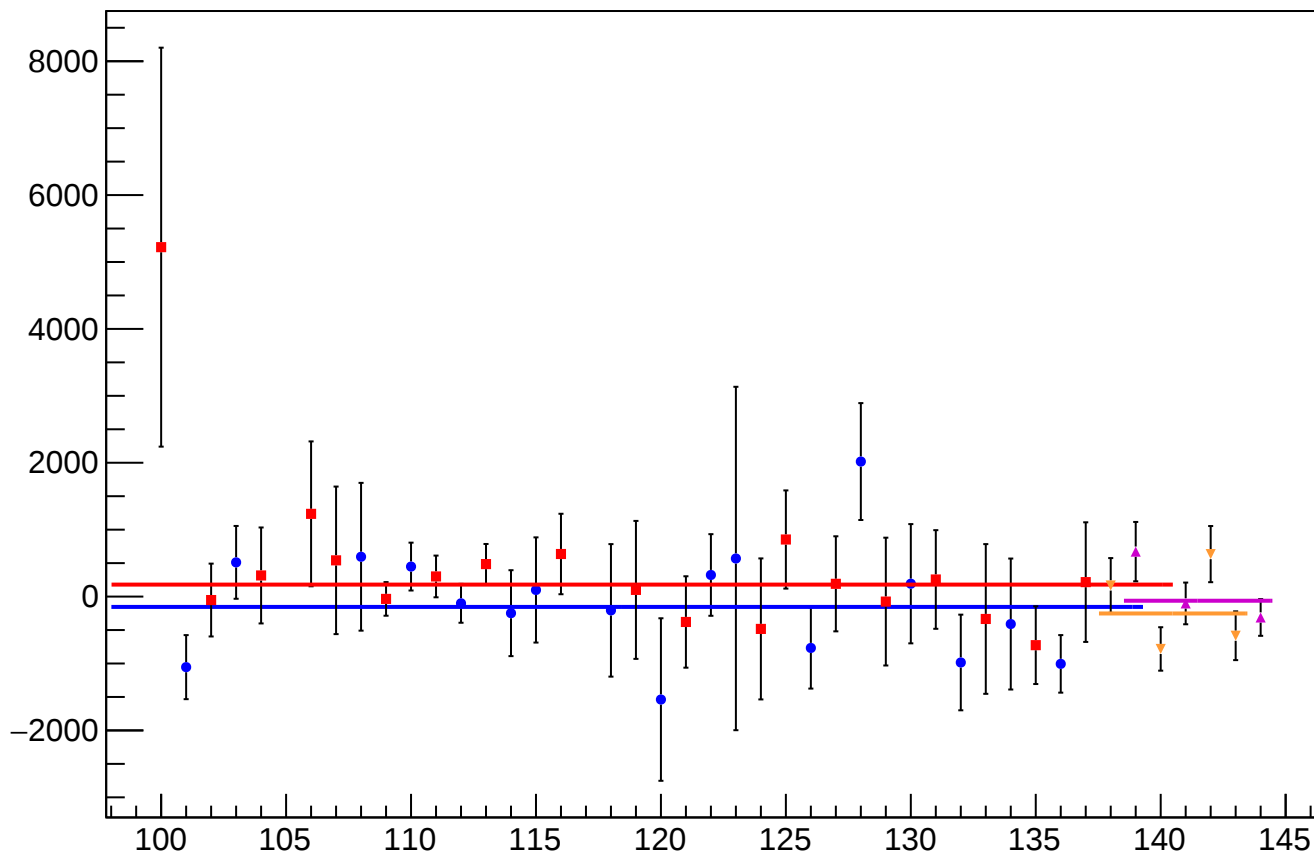
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 73.880 $\pm$ 0.017 χ^2 /NDF:476709.7/19

Out: 73.208 $\pm$ 0.017 χ^2 /NDF:511622.5/22

All: 73.532 $\pm$ 0.012 χ^2 /NDF: 989097.9/42

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 χ^2/NDF : 23.2/16

Left Out: -252.525 ± 186.790 χ^2/NDF : 9.0/3

Right Out: 179.068 ± 126.107 χ^2/NDF : 11.3/18

Left In: -62.106 ± 186.764 χ^2/NDF : 3.6/2

Left: -157.302 ± 132.071 χ^2/NDF : 13.1/6

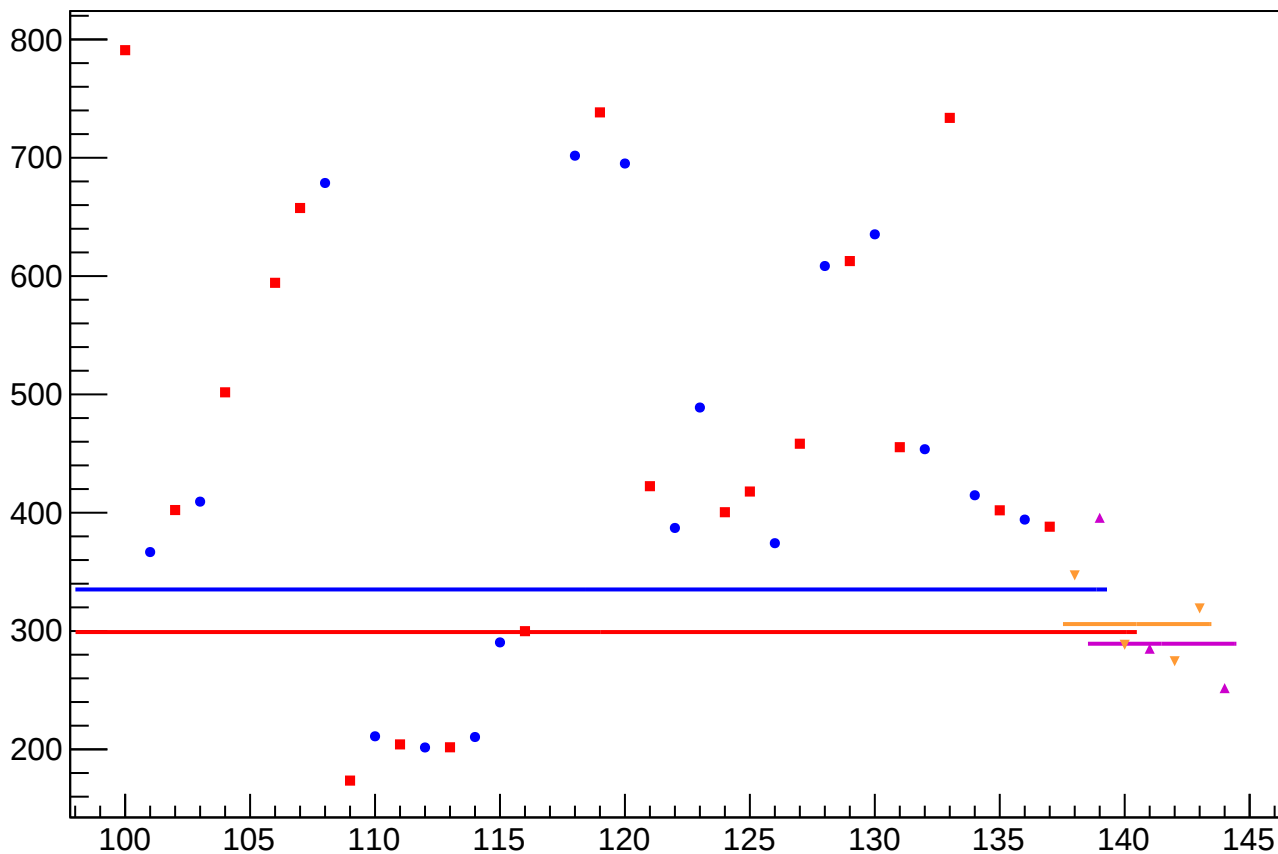
Right: 30.517 ± 93.908 χ^2/NDF : 37.6/35

In: -120.987 ± 112.379 χ^2/NDF : 26.9/19

Out: 43.940 ± 104.518 χ^2/NDF : 24.0/22

All: -32.554 ± 76.534 χ^2/NDF : 52.0/42

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 305.893+/-0.132 χ^2/NDF : 39872.2/3

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 289.264+/-0.132 χ^2/NDF : 153075.7/2

Left: 297.577+/-0.093 χ^2/NDF : 200874.3/6

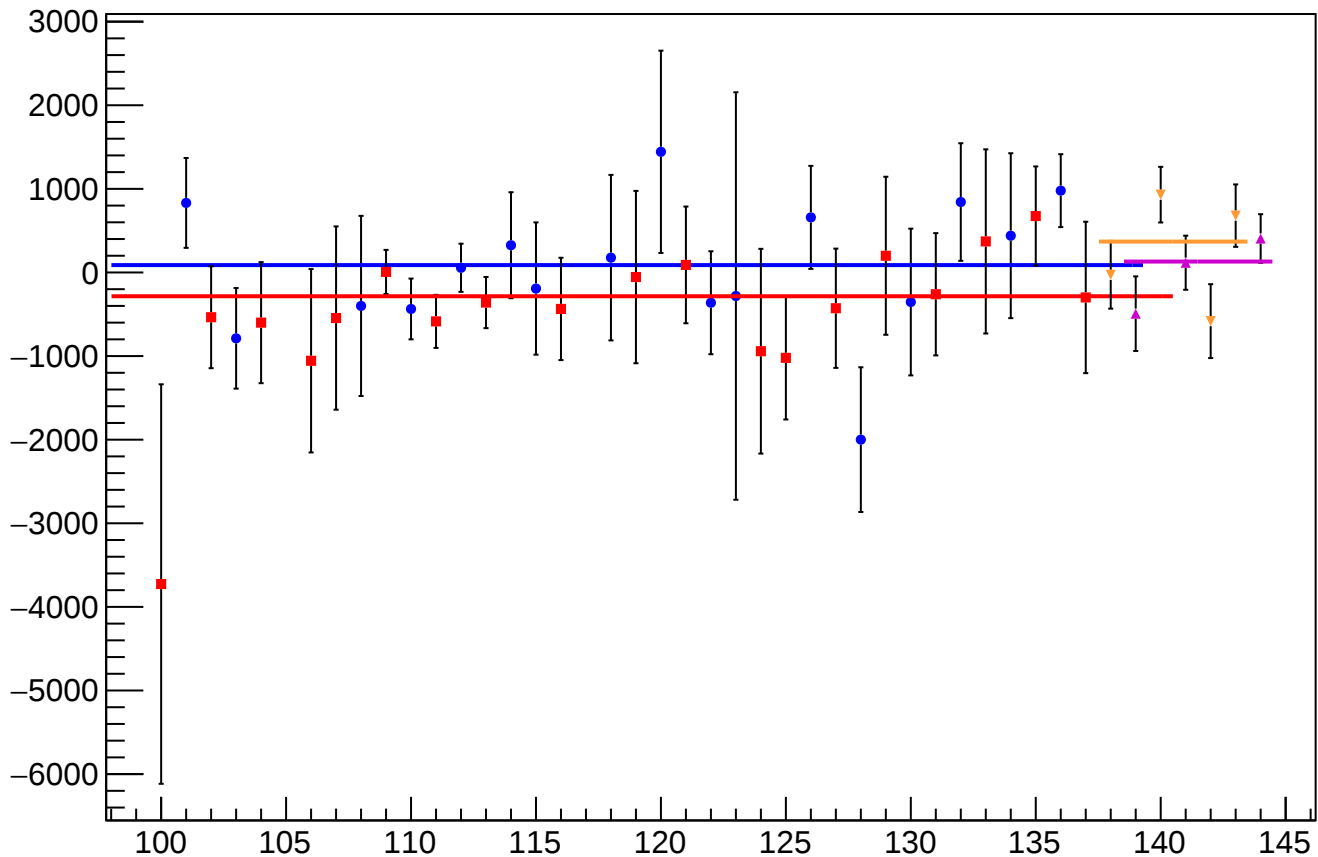
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 318.526+/-0.079 χ^2/NDF : 2224084.8/19

Out: 301.251+/-0.074 χ^2/NDF : 2872760.1/22

All: 309.263+/-0.054 χ^2/NDF : 5122187.0/42

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2 /NDF: 20.8/16

Left Out: 369.314 $\pm$ 190.962 χ^2 /NDF:9.1/3

Right Out: -284.510 $\pm$ 129.675 χ^2 /NDF: 10.1/18

Left In: 130.536 $\pm$ 194.612 χ^2 /NDF:2.9/2

Left: 252.185 $\pm$ 136.302 χ^2 /NDF: 12.8/6

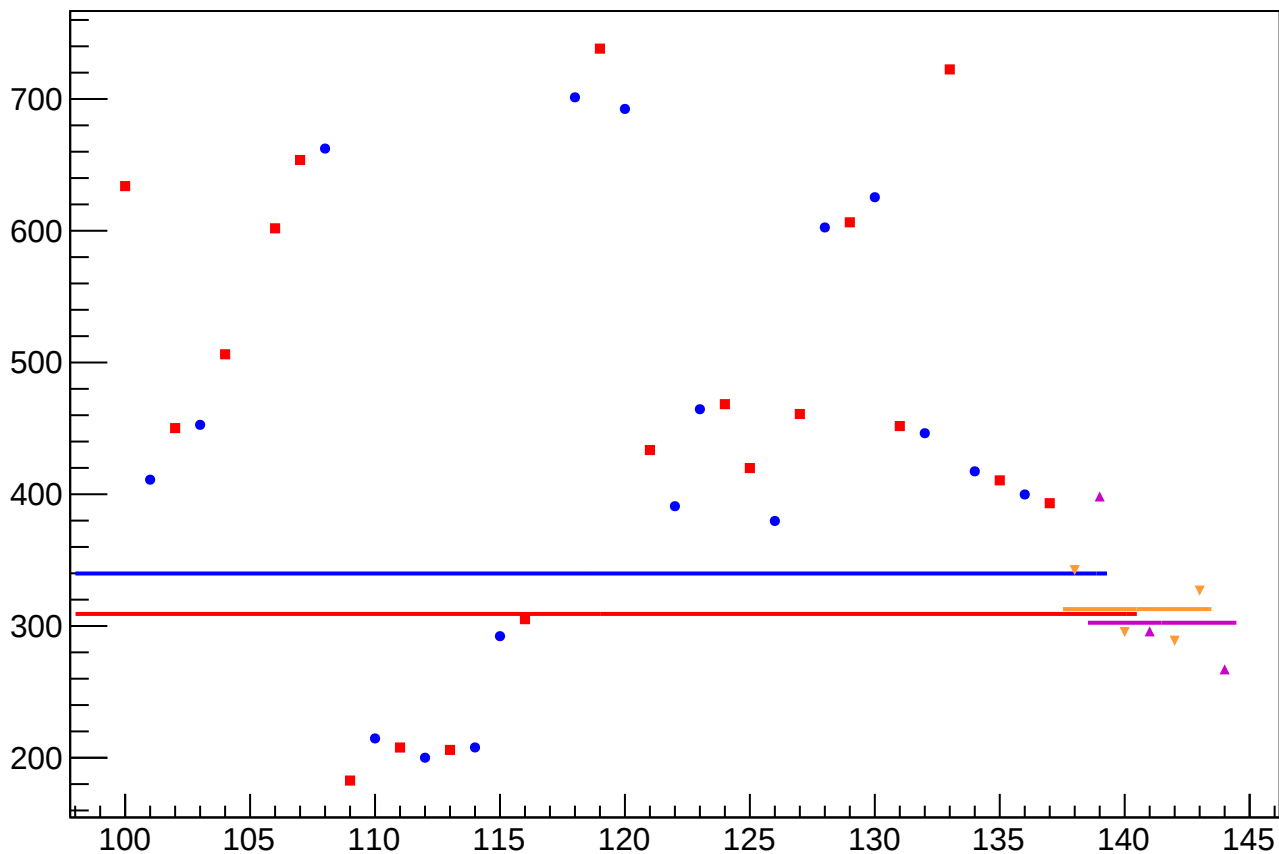
Right: -116.387 $\pm$ 96.066 χ^2 /NDF: 34.7/35

In: 102.991 $\pm$ 115.245 χ^2 /NDF:23.7/19

Out: -78.166 $\pm$ 107.278 χ^2 /NDF:27.3/22

All: 5.936 $\pm$ 78.523 χ^2 /NDF: 52.3/42

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 +/- 0.101 χ^2/NDF : 2043522.4/16

Left Out: 312.841 +/- 0.135 χ^2/NDF : 24881.7/3

Right Out: 309.158 +/- 0.092 χ^2/NDF : 2735887.4/18

Left In: 302.477 +/- 0.138 χ^2/NDF : 122703.0/2

Left: 307.757 +/- 0.096 χ^2/NDF : 150474.5/6

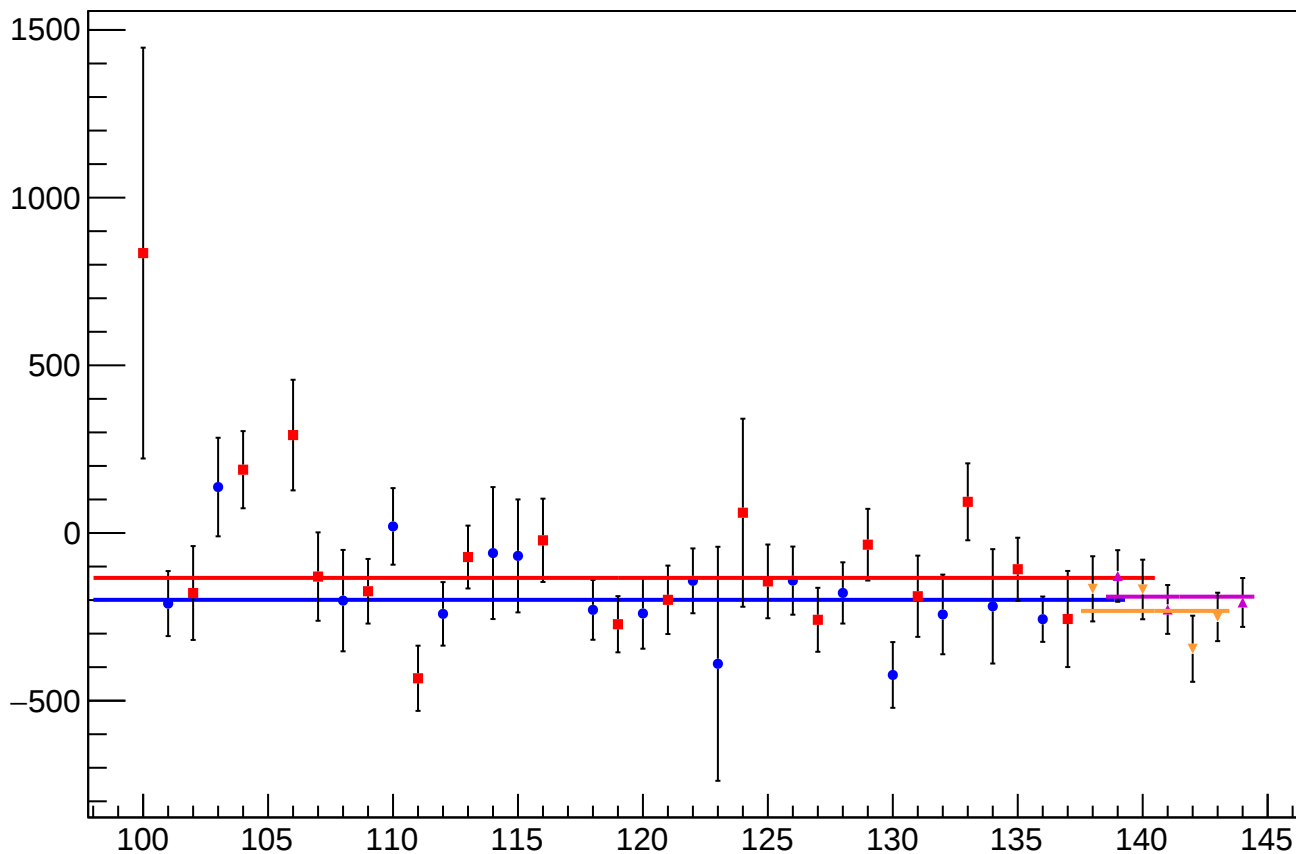
Right: 323.006 +/- 0.068 χ^2/NDF : 4829958.1/35

In: 326.744 +/- 0.081 χ^2/NDF : 2214117.9/19

Out: 310.321 +/- 0.076 χ^2/NDF : 2761278.1/22

All: 317.945 +/- 0.056 χ^2/NDF : 4997157.0/42

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -232.209 ± 43.532 $\chi^2/\text{NDF}: 2.3/3$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -189.817 ± 42.786 $\chi^2/\text{NDF}: 1.0/2$

Left: -210.647 ± 30.514 $\chi^2/\text{NDF}: 3.8/6$

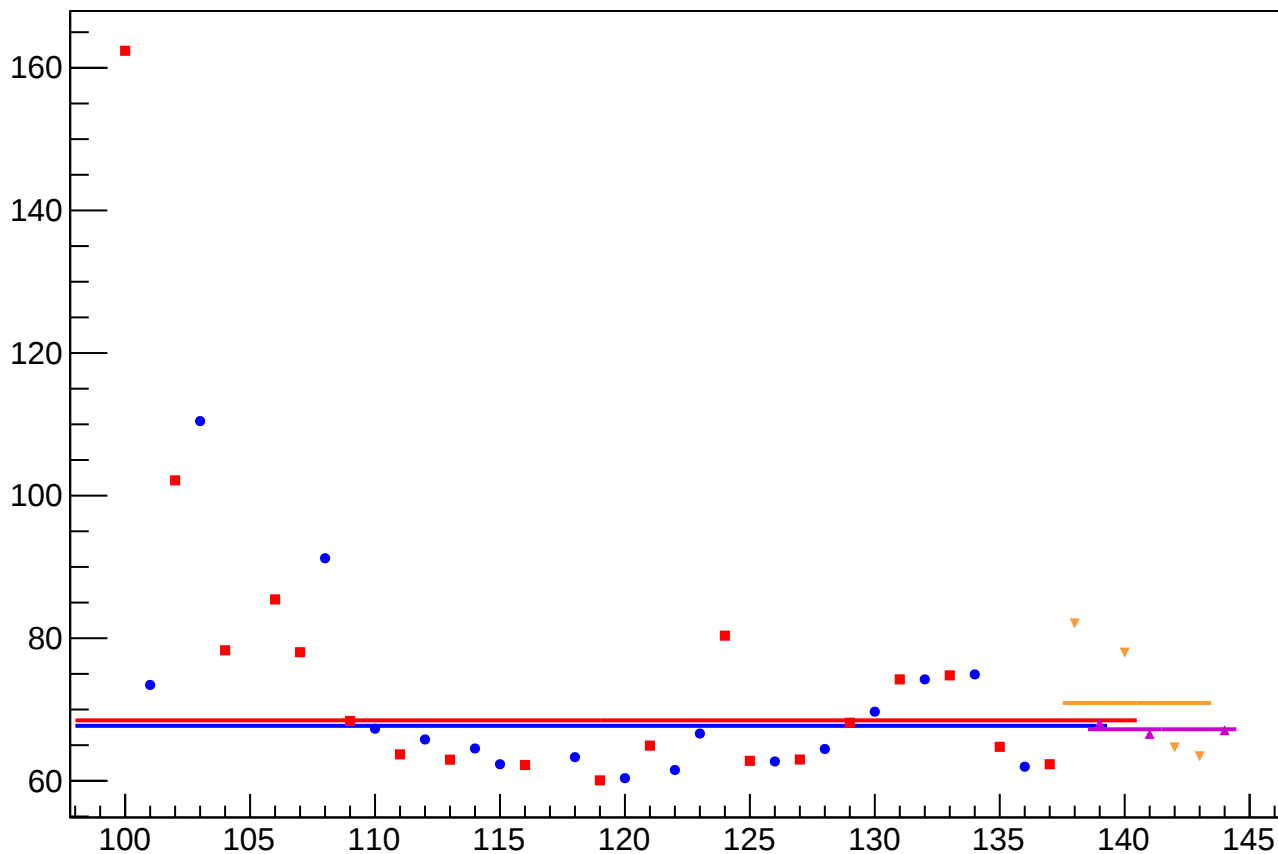
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -196.634 ± 22.538 $\chi^2/\text{NDF}: 18.6/19$

Out: -160.042 ± 22.466 $\chi^2/\text{NDF}: 45.3/22$

All: -178.279 ± 15.911 $\chi^2/\text{NDF}: 65.2/42$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 70.922 $\pm$ 0.031 χ^2 /NDF: 68467.4/3

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 67.228 $\pm$ 0.030 χ^2 /NDF: 412.2/2

Left: 69.043 $\pm$ 0.022 χ^2 /NDF: 76206.8/6

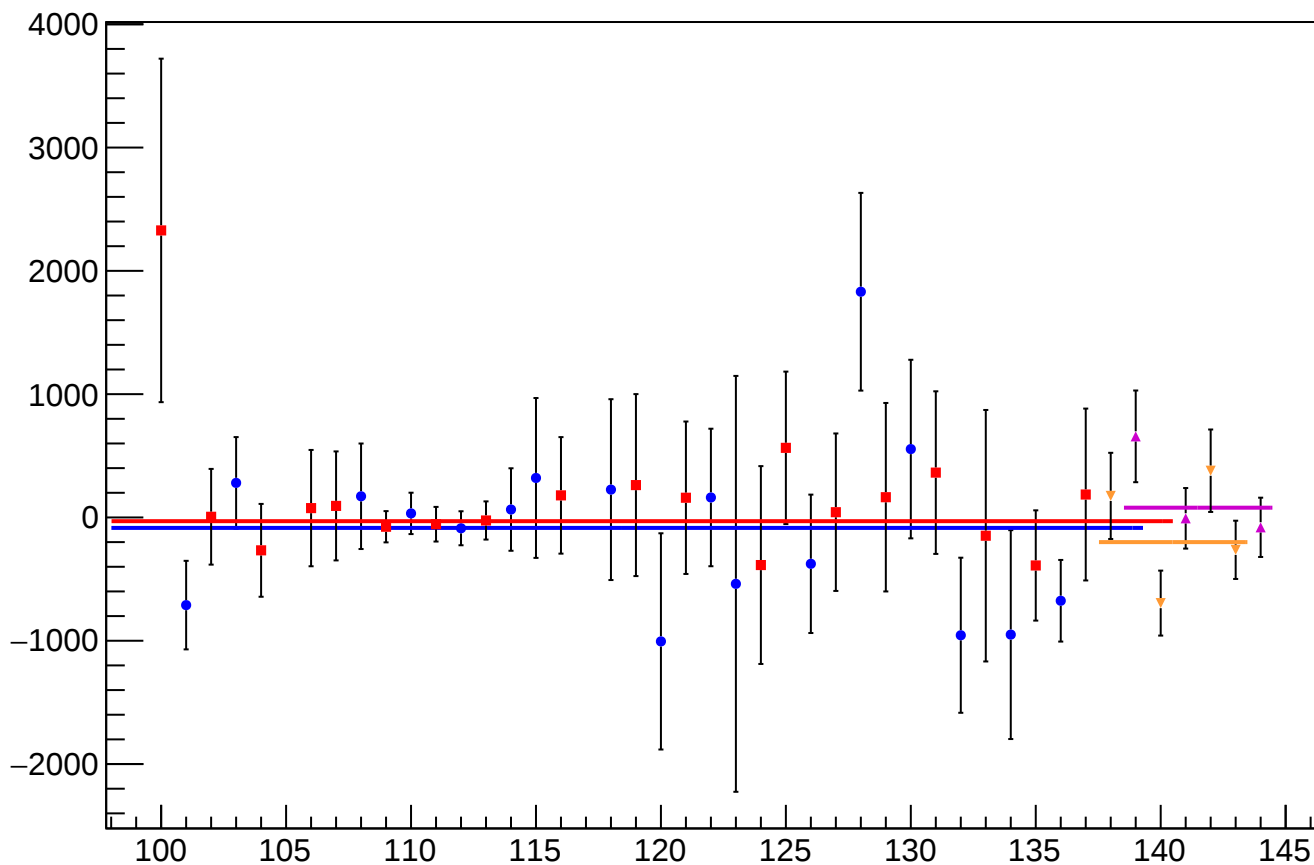
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 67.580 $\pm$ 0.016 χ^2 /NDF: 283492.4/19

Out: 69.131 $\pm$ 0.016 χ^2 /NDF: 354505.4/22

All: 68.358 $\pm$ 0.011 χ^2 /NDF: 642749.4/42

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -199.999 ± 142.185 $\chi^2/\text{NDF}: 7.7/3$

Right Out: -30.219 ± 69.663 $\chi^2/\text{NDF}: 6.3/18$

Left In: 79.158 ± 155.953 $\chi^2/\text{NDF}: 3.0/2$

Left: -73.285 ± 105.071 $\chi^2/\text{NDF}: 12.5/6$

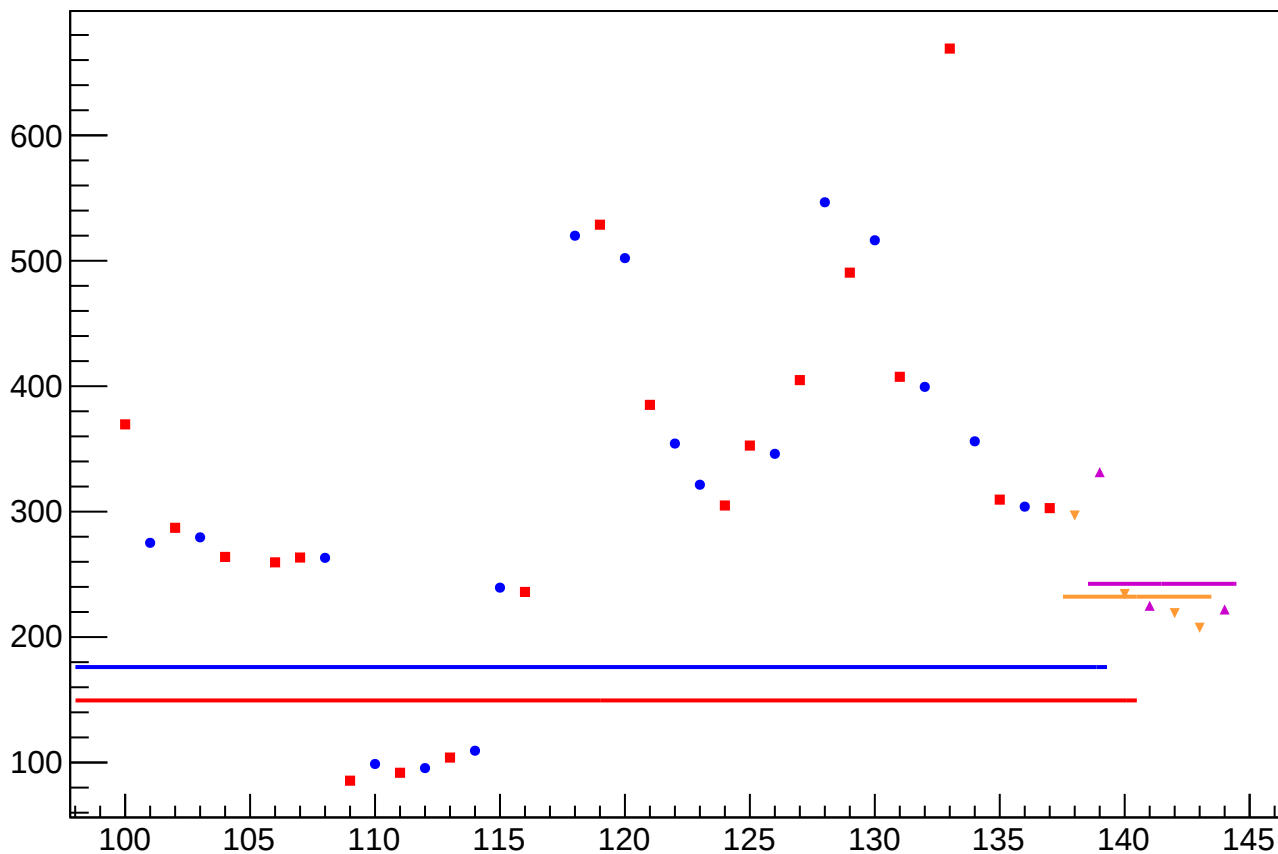
Right: -52.867 ± 53.271 $\chi^2/\text{NDF}: 26.5/35$

In: -48.804 ± 73.040 $\chi^2/\text{NDF}: 23.7/19$

Out: -63.085 ± 62.558 $\chi^2/\text{NDF}: 15.2/22$

All: -57.042 ± 47.513 $\chi^2/\text{NDF}: 39.0/42$

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: 149.484 $\pm$ 0.049 χ^2/NDF : 4820971.0/18

Left In: 242.456 $\pm$ 0.110 χ^2/NDF : 139202.5/2

Left: 236.846 $\pm$ 0.074 χ^2/NDF : 237732.0/6

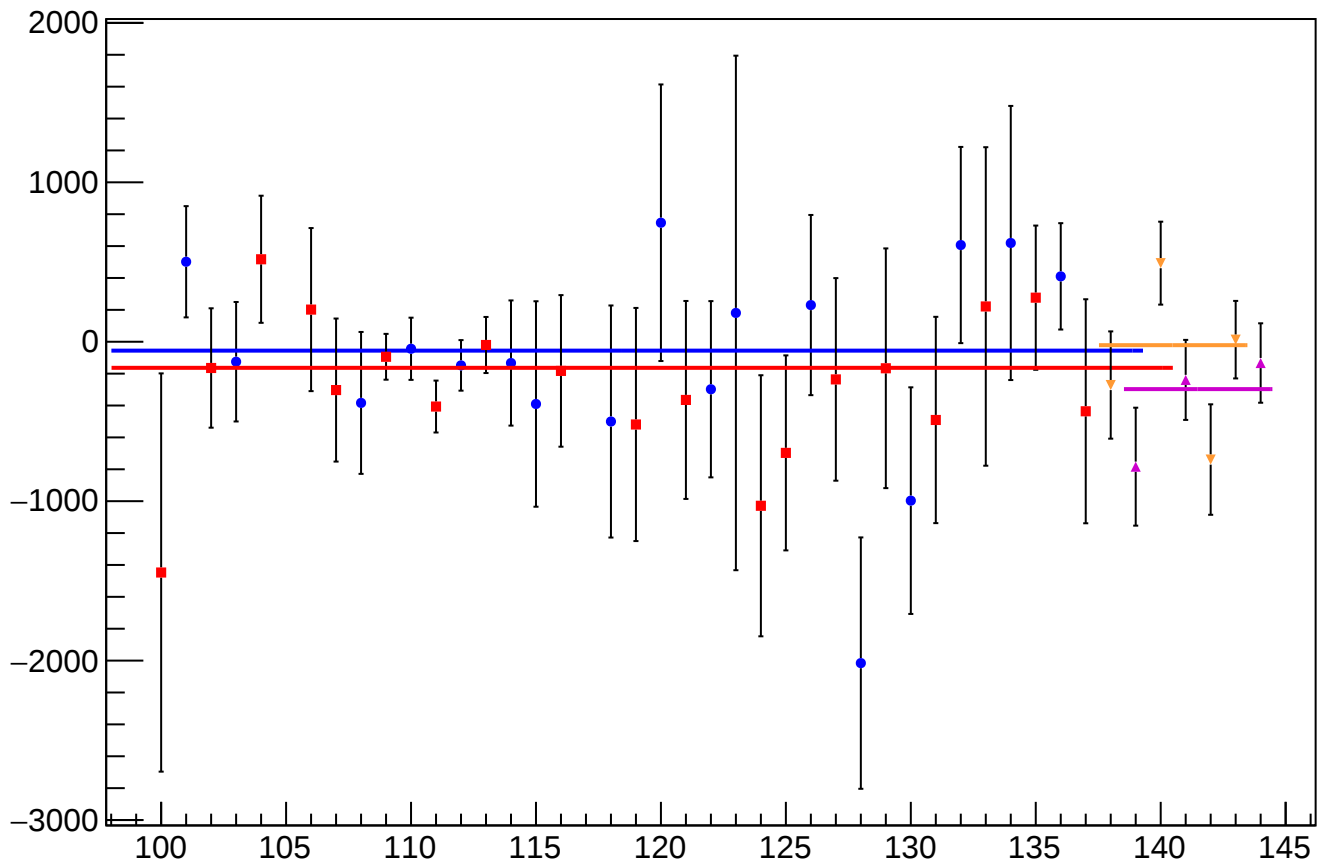
Right: 160.534 $\pm$ 0.038 χ^2/NDF : 9165825.3/35

In: 190.652 $\pm$ 0.052 χ^2/NDF : 4645544.1/19

Out: 165.492 $\pm$ 0.044 χ^2/NDF : 5460383.2/22

All: 176.139 $\pm$ 0.034 χ^2/NDF : 10242820.8/42

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: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -297.084 ± 159.512 χ^2/NDF : 2.2/2

Left: -144.352 ± 106.506 χ^2/NDF : 12.6/6

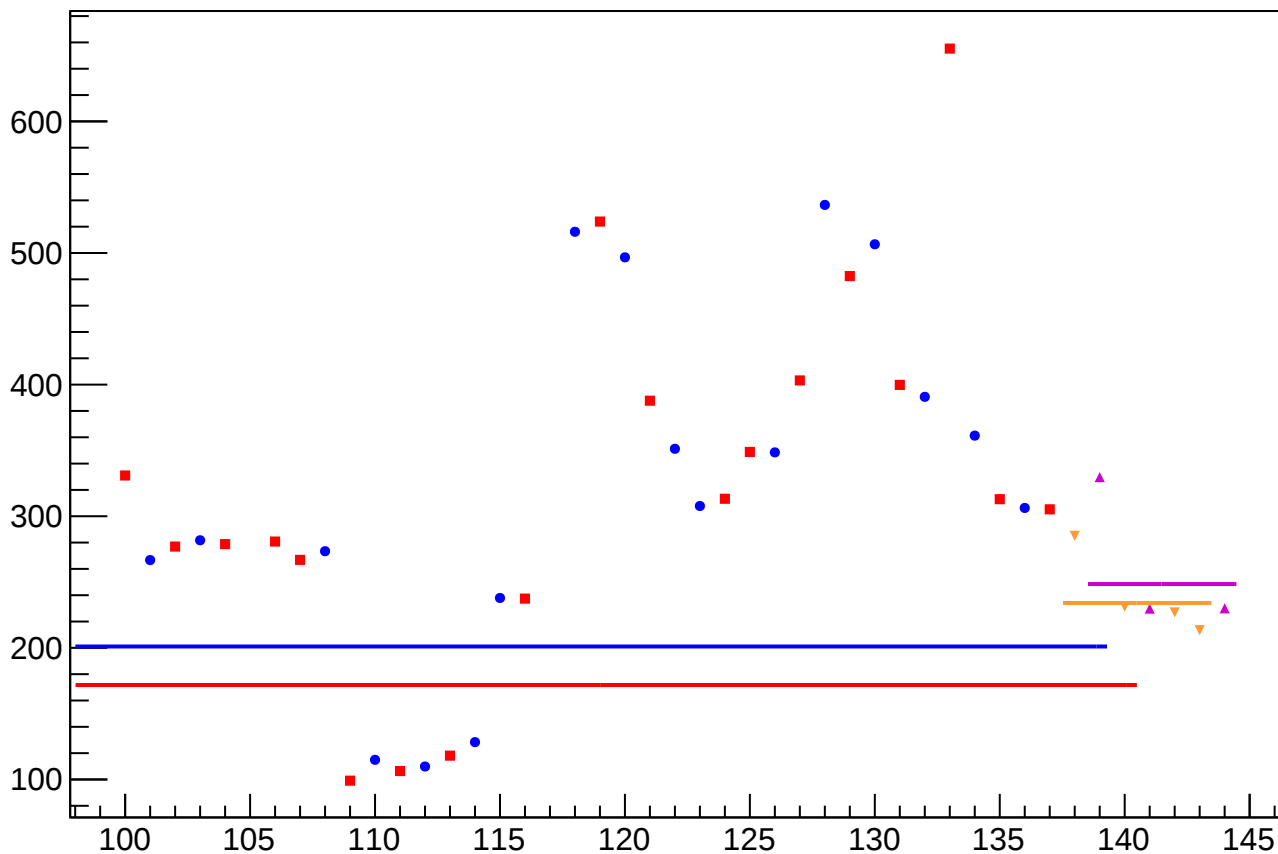
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -114.568 ± 78.761 χ^2/NDF : 21.1/19

Out: -131.701 ± 67.753 χ^2/NDF : 21.0/22

All: -124.414 ± 51.363 χ^2/NDF : 42.1/42

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: 171.765+/-0.054 χ^2/NDF : 4098218.1/18

Left In: 248.483+/-0.113 χ^2/NDF : 118528.5/2

Left: 240.511+/-0.075 χ^2/NDF : 189061.0/6

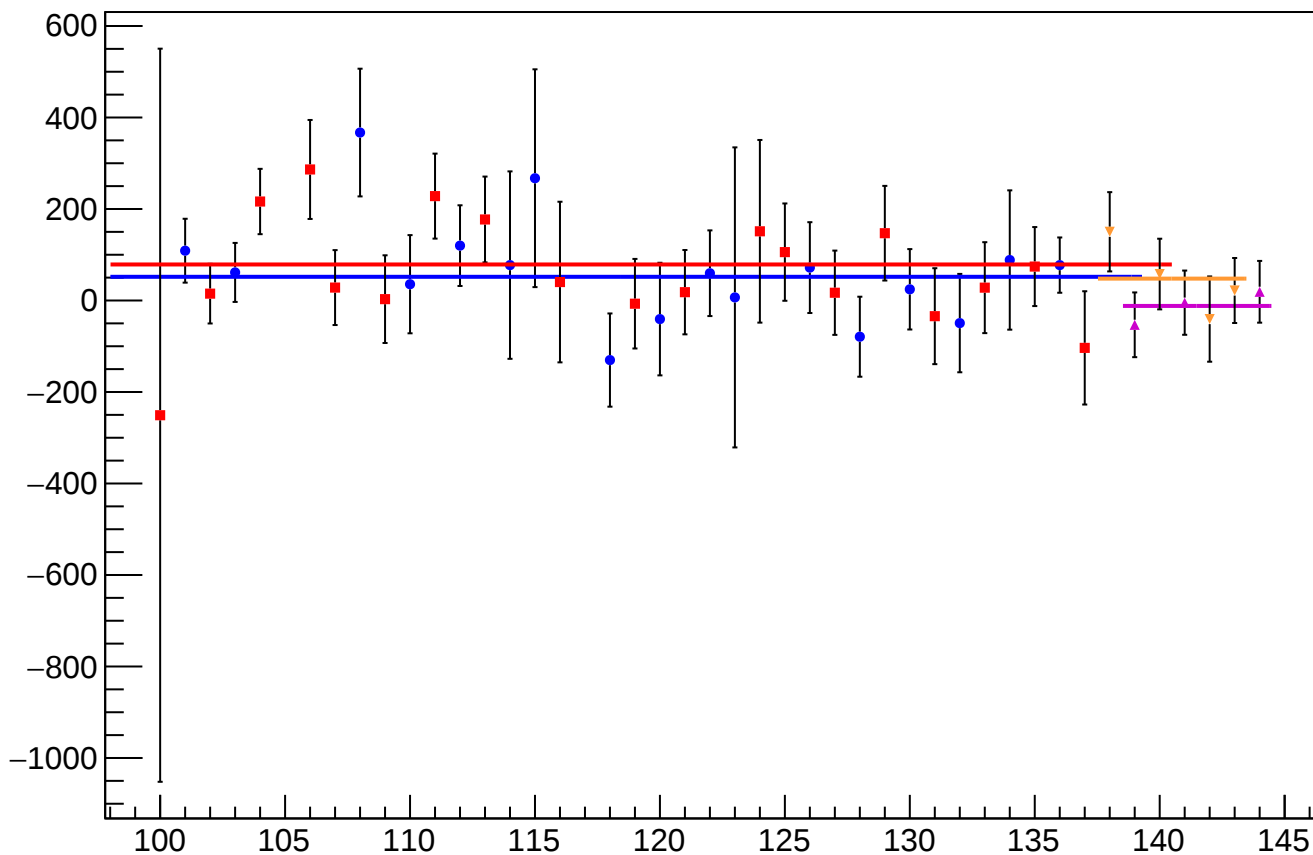
Right: 184.032+/-0.041 χ^2/NDF : 7652597.2/35

In: 212.604+/-0.056 χ^2/NDF : 3685363.2/19

Out: 185.744+/-0.048 χ^2/NDF : 4454229.5/22

All: 197.167+/-0.036 χ^2/NDF : 8273270.8/42

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 47.826 $\pm$ 40.352 χ^2 /NDF: 2.4/3

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: -11.891 $\pm$ 40.089 χ^2 /NDF: 0.6/2

Left: 17.773 $\pm$ 28.439 χ^2 /NDF: 4.1/6

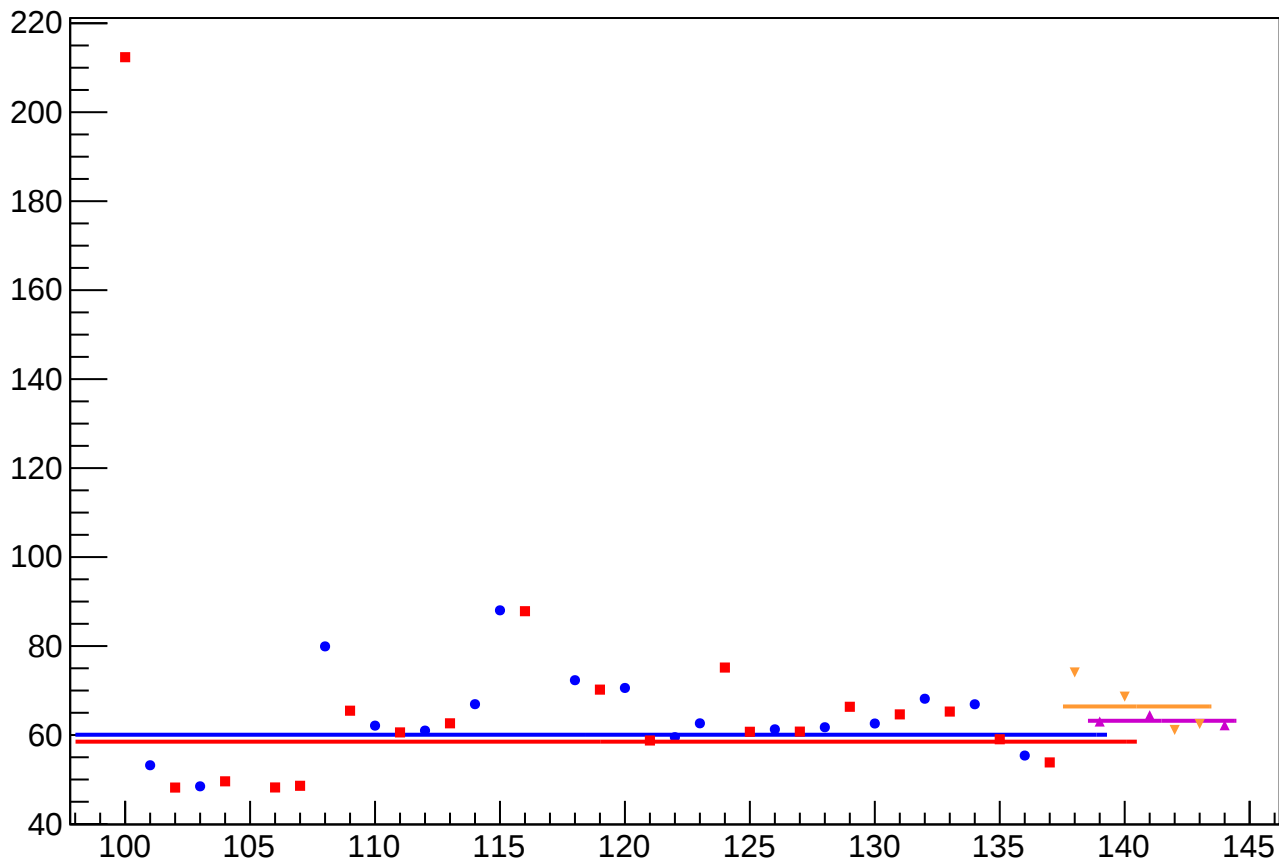
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 35.472 $\pm$ 20.298 χ^2 /NDF: 17.0/19

Out: 71.419 $\pm$ 19.645 χ^2 /NDF: 22.0/22

All: 54.033 $\pm$ 14.116 χ^2 /NDF: 40.6/42

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2/NDF : 229098.7/16

Left Out: 66.419 $\pm$ 0.029 χ^2/NDF : 29807.4/3

Right Out: 58.508 $\pm$ 0.016 χ^2/NDF : 348822.3/18

Left In: 63.202 $\pm$ 0.028 χ^2/NDF : 1089.9/2

Left: 64.800 $\pm$ 0.020 χ^2/NDF : 37296.8/6

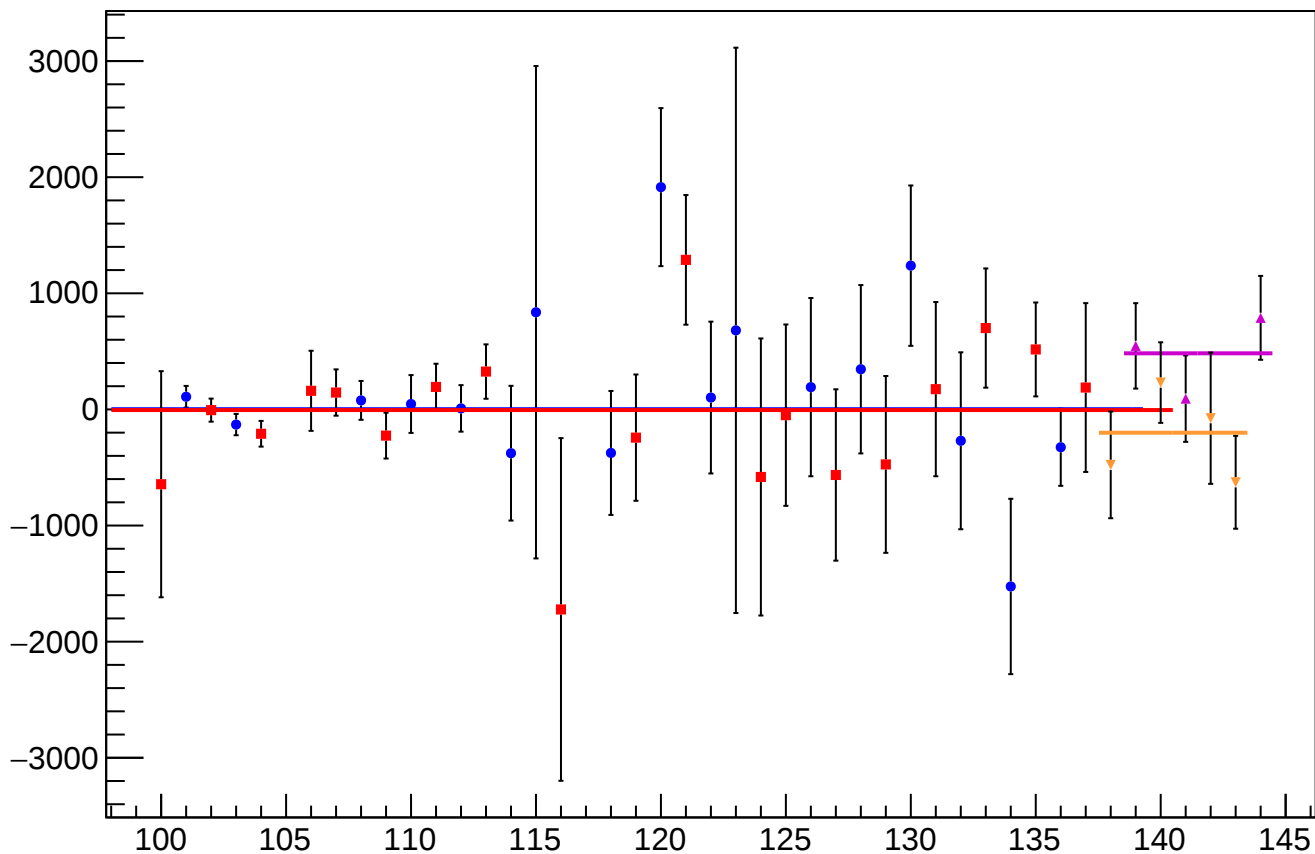
Right: 59.251 $\pm$ 0.011 χ^2/NDF : 582496.2/35

In: 60.869 $\pm$ 0.014 χ^2/NDF : 239293.4/19

Out: 60.383 $\pm$ 0.014 χ^2/NDF : 437285.1/22

All: 60.618 $\pm$ 0.010 χ^2/NDF : 677170.7/42

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -200.727 ± 211.148 $\chi^2/\text{NDF}: 3.1/3$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 483.224 ± 211.916 $\chi^2/\text{NDF}: 1.8/2$

Left: 140.008 ± 149.575 $\chi^2/\text{NDF}: 10.2/6$

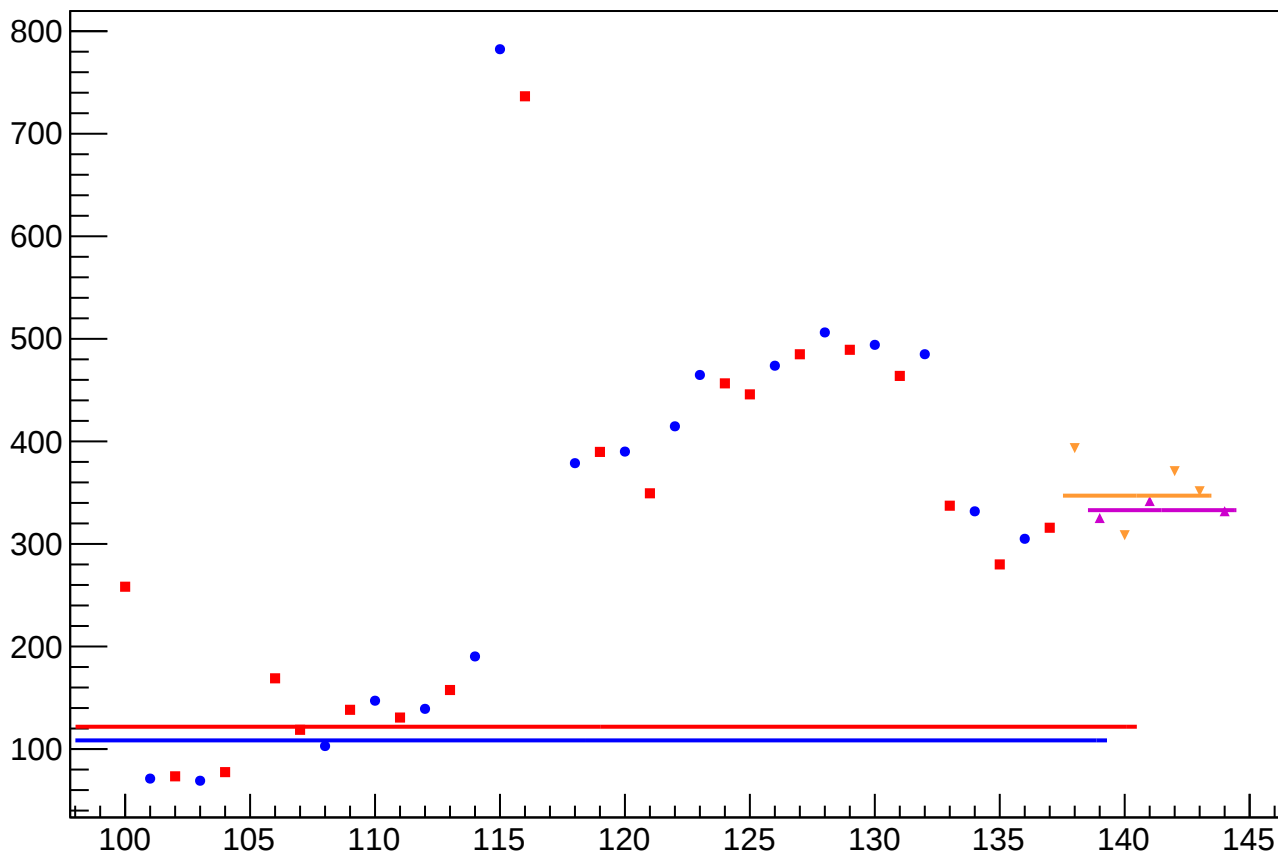
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 31.239 ± 52.586 $\chi^2/\text{NDF}: 28.1/19$

Out: -18.460 ± 54.594 $\chi^2/\text{NDF}: 24.6/22$

All: 7.320 ± 37.874 $\chi^2/\text{NDF}: 53.1/42$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 347.098 $\pm$ 0.149 χ^2 /NDF: 48865.0/3

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 332.944 $\pm$ 0.150 χ^2 /NDF: 2028.0/2

Left: 340.047 $\pm$ 0.106 χ^2 /NDF: 55370.5/6

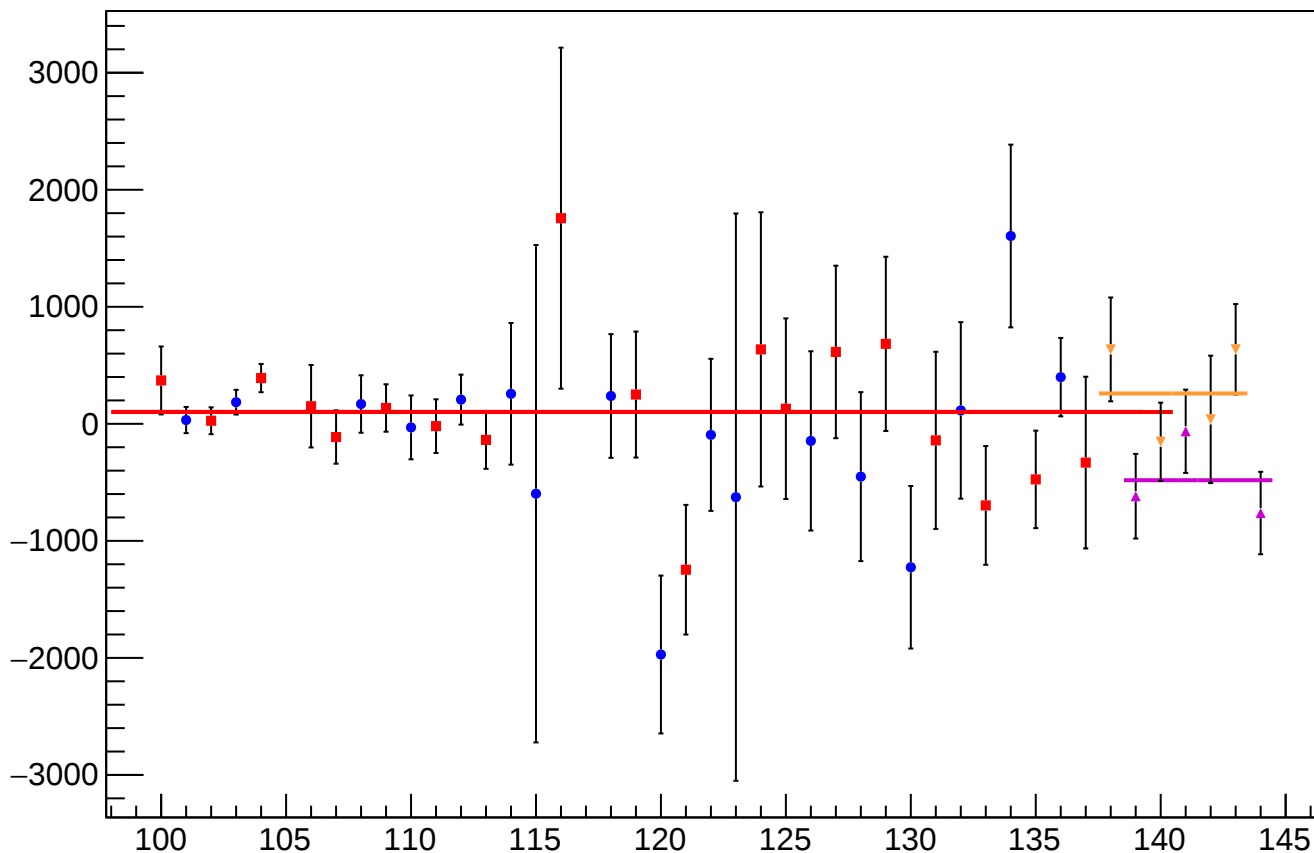
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 122.269 $\pm$ 0.037 χ^2 /NDF: 7512480.7/19

Out: 136.829 $\pm$ 0.039 χ^2 /NDF: 6945364.5/22

All: 129.276 $\pm$ 0.027 χ^2 /NDF: 14531635.7/42

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2/NDF : 20.3/16

Left Out: 259.525 $\pm$ 203.666 χ^2/NDF : 3.4/3

Right Out: 101.249 $\pm$ 60.846 χ^2/NDF : 22.6/18

Left In: -481.890 $\pm$ 205.811 χ^2/NDF : 2.2/2

Left: -107.298 $\pm$ 144.766 χ^2/NDF : 12.1/6

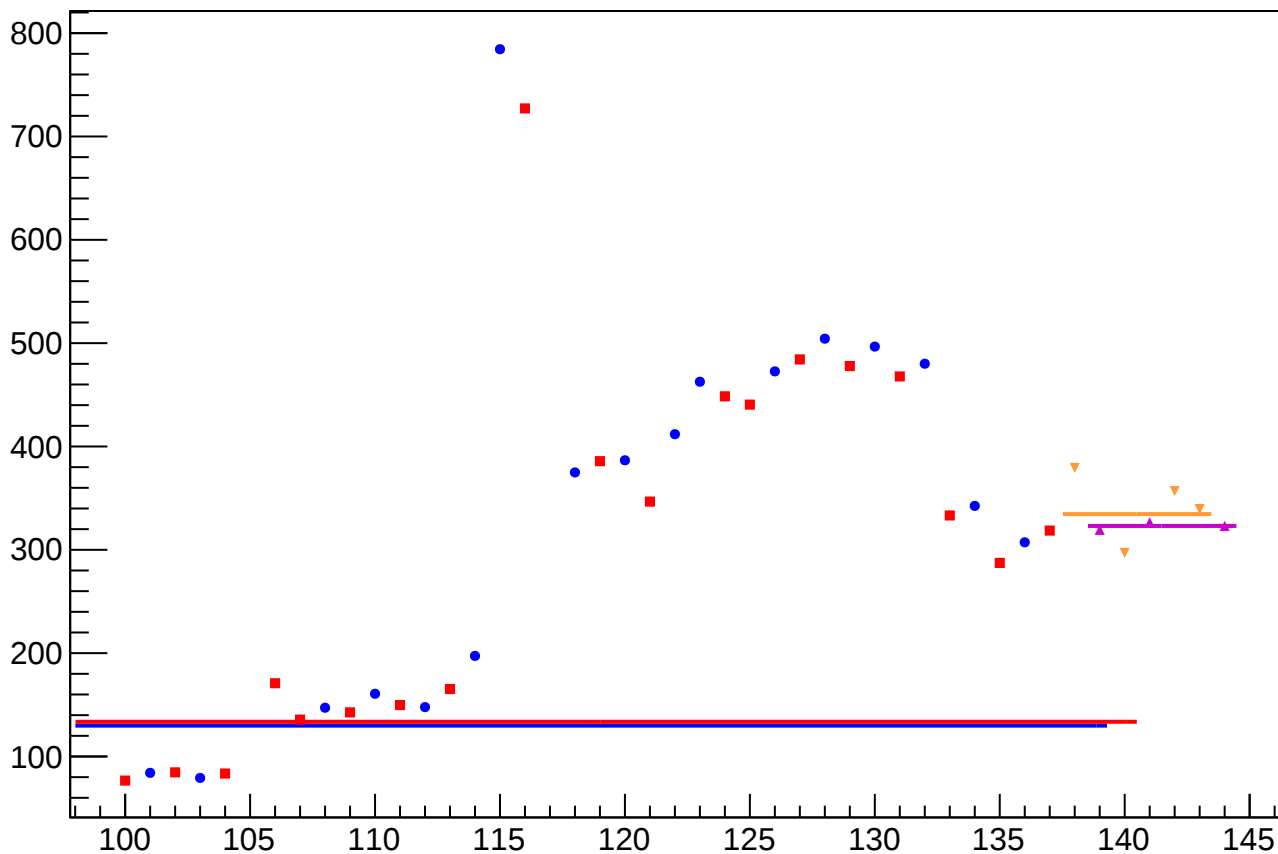
Right: 101.717 $\pm$ 43.809 χ^2/NDF : 42.9/35

In: 51.993 $\pm$ 60.352 χ^2/NDF : 29.8/19

Out: 114.218 $\pm$ 58.300 χ^2/NDF : 26.6/22

All: 84.182 $\pm$ 41.931 χ^2/NDF : 56.9/42

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 334.536+/-0.144 χ^2/NDF : 49208.6/3

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 323.105+/-0.146 χ^2/NDF : 425.1/2

Left: 328.880+/-0.102 χ^2/NDF : 52750.7/6

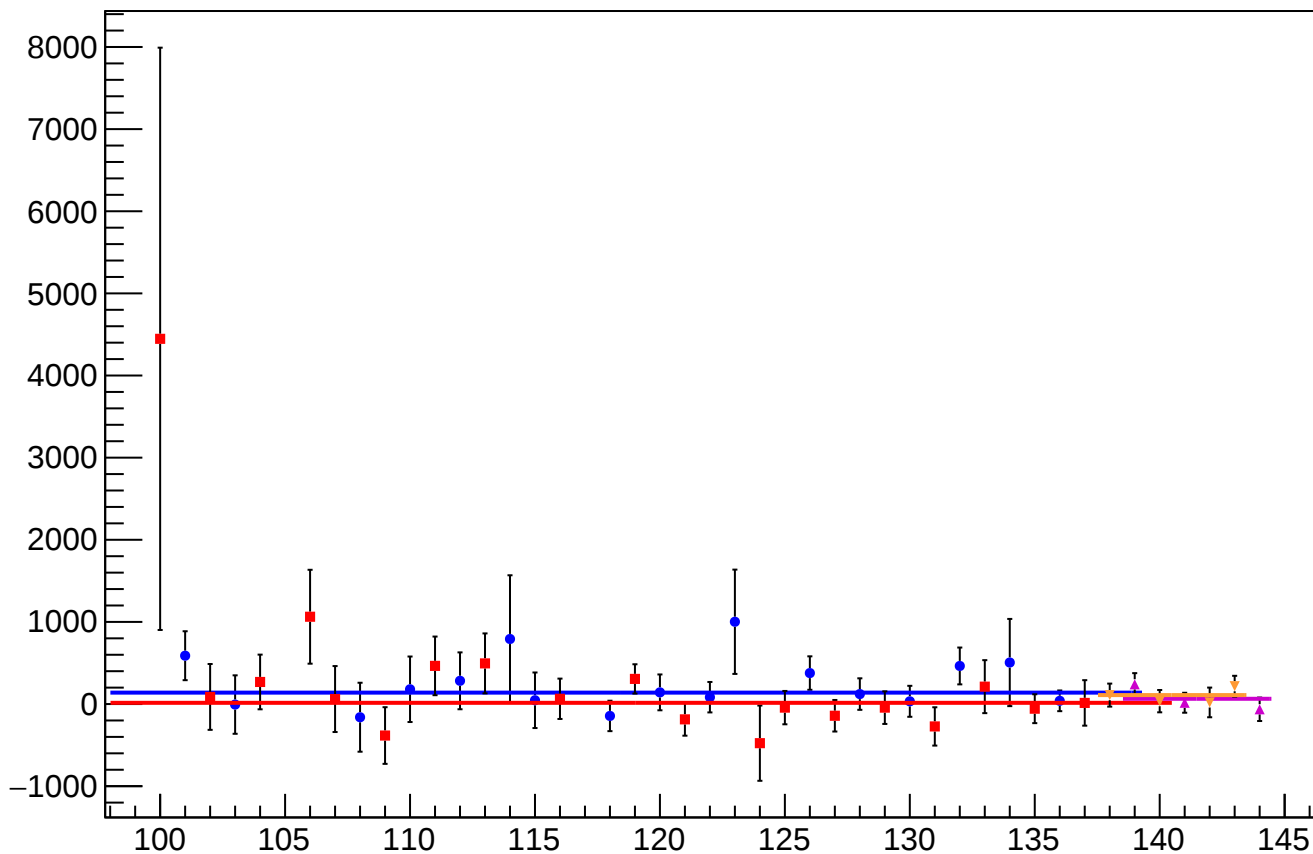
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 146.499+/-0.043 χ^2/NDF : 6441154.9/19

Out: 150.069+/-0.041 χ^2/NDF : 6199727.3/22

All: 148.346+/-0.030 χ^2/NDF : 12644501.6/42

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 109.041 $\pm$ 71.036 χ^2 /NDF: 1.3/3

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 64.052 $\pm$ 76.499 χ^2 /NDF: 2.6/2

Left: 88.210 $\pm$ 52.054 χ^2 /NDF: 4.1/6

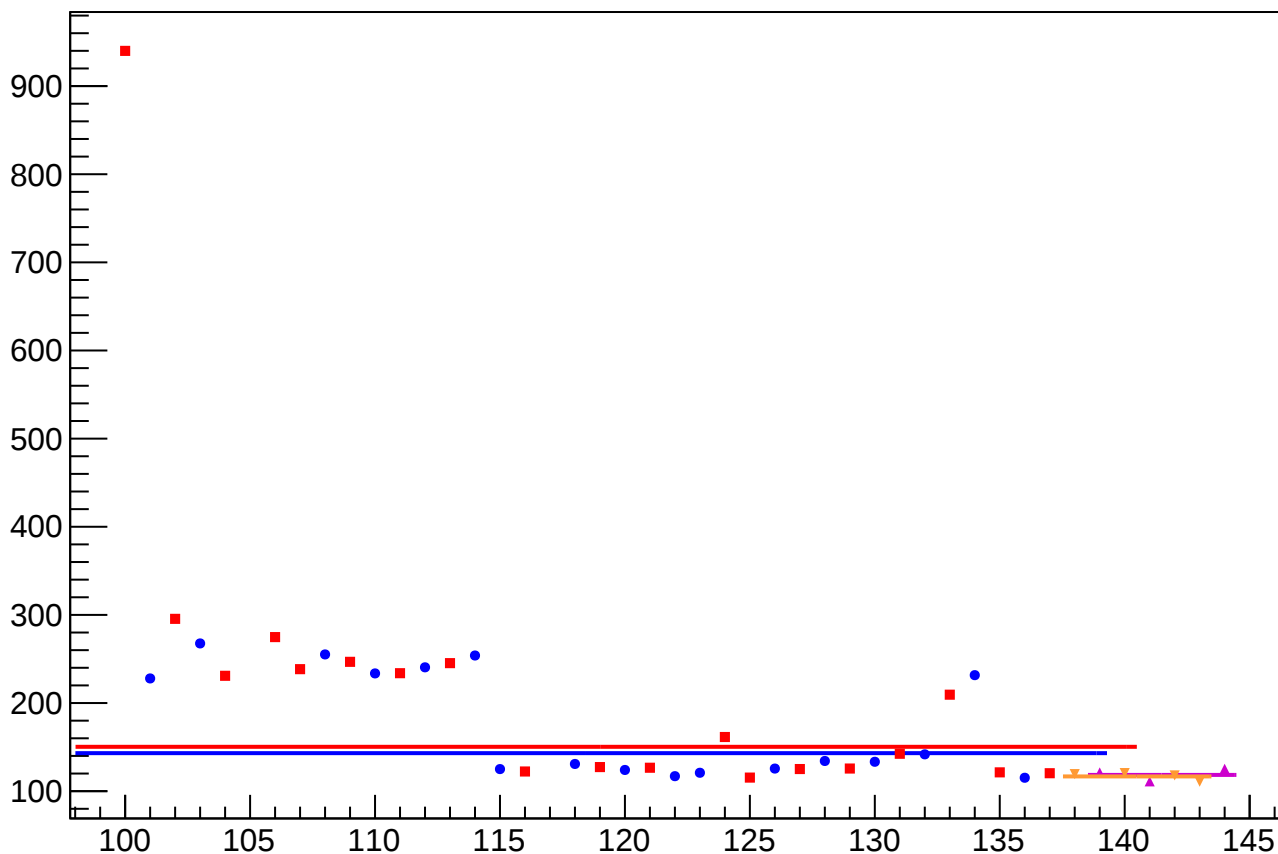
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 111.713 $\pm$ 46.209 χ^2 /NDF: 16.3/19

Out: 54.195 $\pm$ 45.890 χ^2 /NDF: 20.3/22

All: 82.755 $\pm$ 32.561 χ^2 /NDF: 37.4/42

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 116.731 $\pm$ 0.050 χ^2 /NDF: 6847.5/3

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 118.444 $\pm$ 0.054 χ^2 /NDF: 12863.5/2

Left: 117.524 $\pm$ 0.037 χ^2 /NDF: 20249.4/6

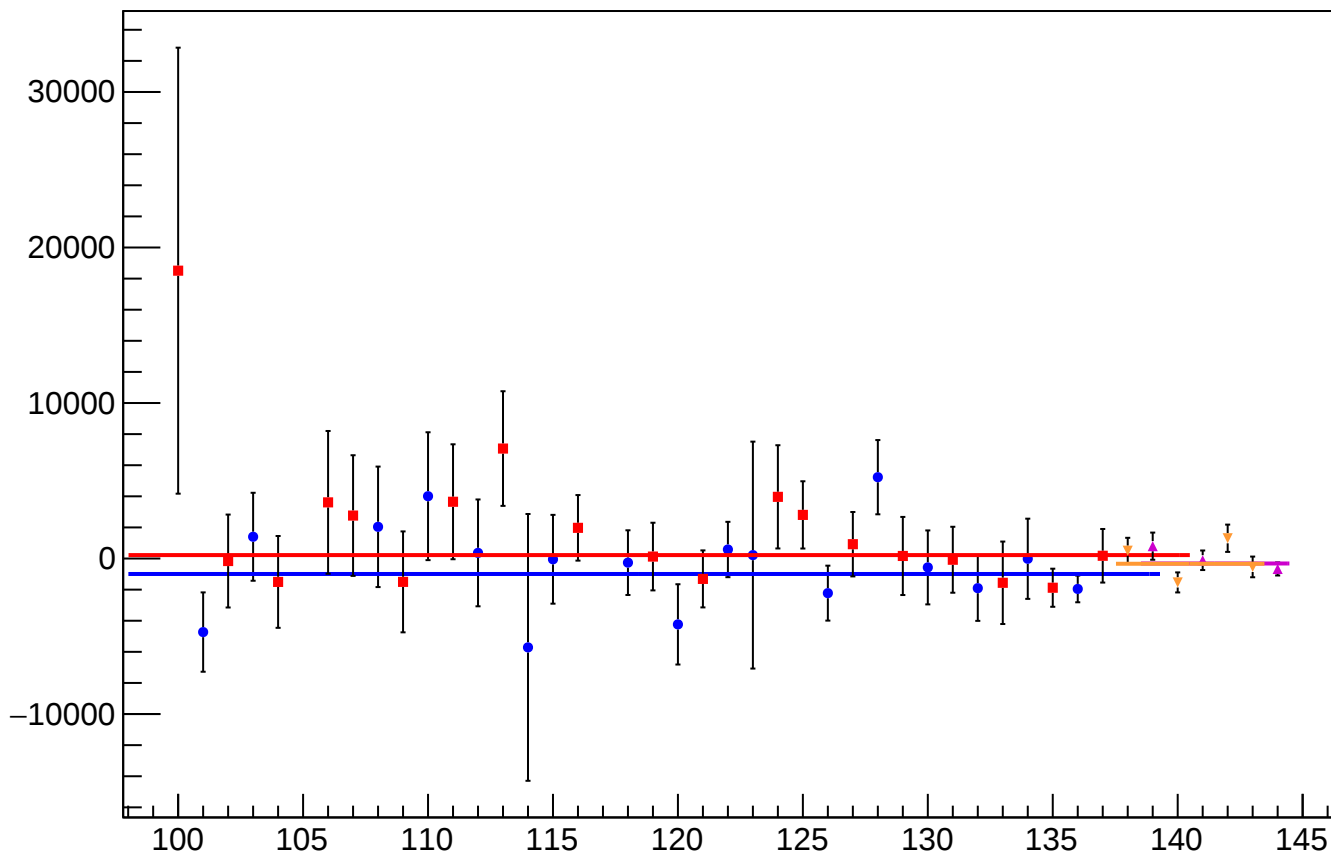
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 134.129 $\pm$ 0.033 χ^2 /NDF: 1246512.5/19

Out: 136.312 $\pm$ 0.032 χ^2 /NDF: 1699682.2/22

All: 135.228 $\pm$ 0.023 χ^2 /NDF: 2948441.7/42

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -336.310+/-367.033 χ^2/NDF : 8.1/3

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -318.627+/-324.576 χ^2/NDF : 2.4/2

Left: -326.387+/-243.142 χ^2/NDF : 10.5/6

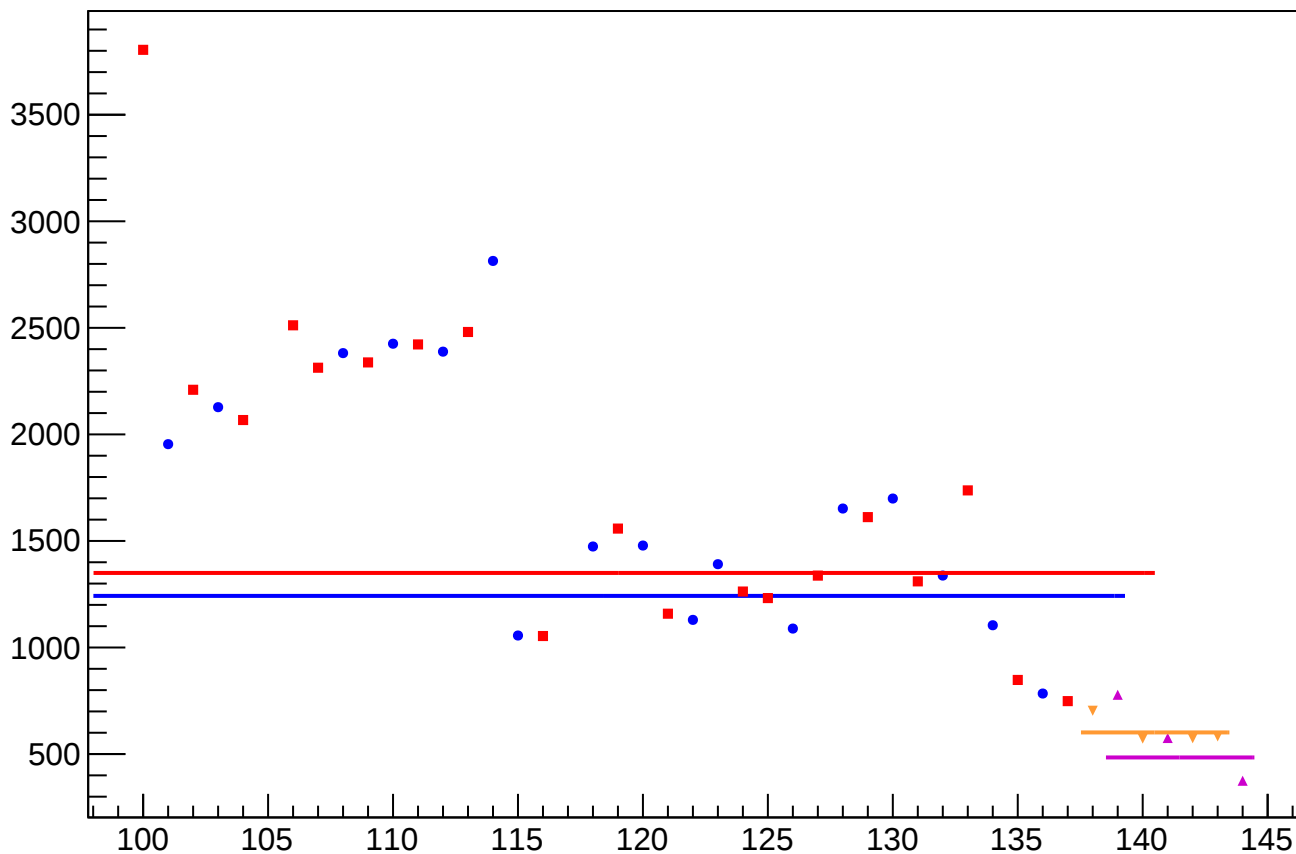
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -509.788+/-274.812 χ^2/NDF : 20.6/19

Out: -161.614+/-304.158 χ^2/NDF : 24.0/22

All: -353.304+/-203.909 χ^2/NDF : 45.3/42

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2/NDF : 1767422.8/16

Left Out: 601.468 $\pm$ 0.260 χ^2/NDF : 37693.4/3

Right Out: 1349.870 $\pm$ 0.384 χ^2/NDF : 1867853.5/18

Left In: 484.059 $\pm$ 0.230 χ^2/NDF : 404238.1/2

Left: 535.583 $\pm$ 0.172 χ^2/NDF : 556774.3/6

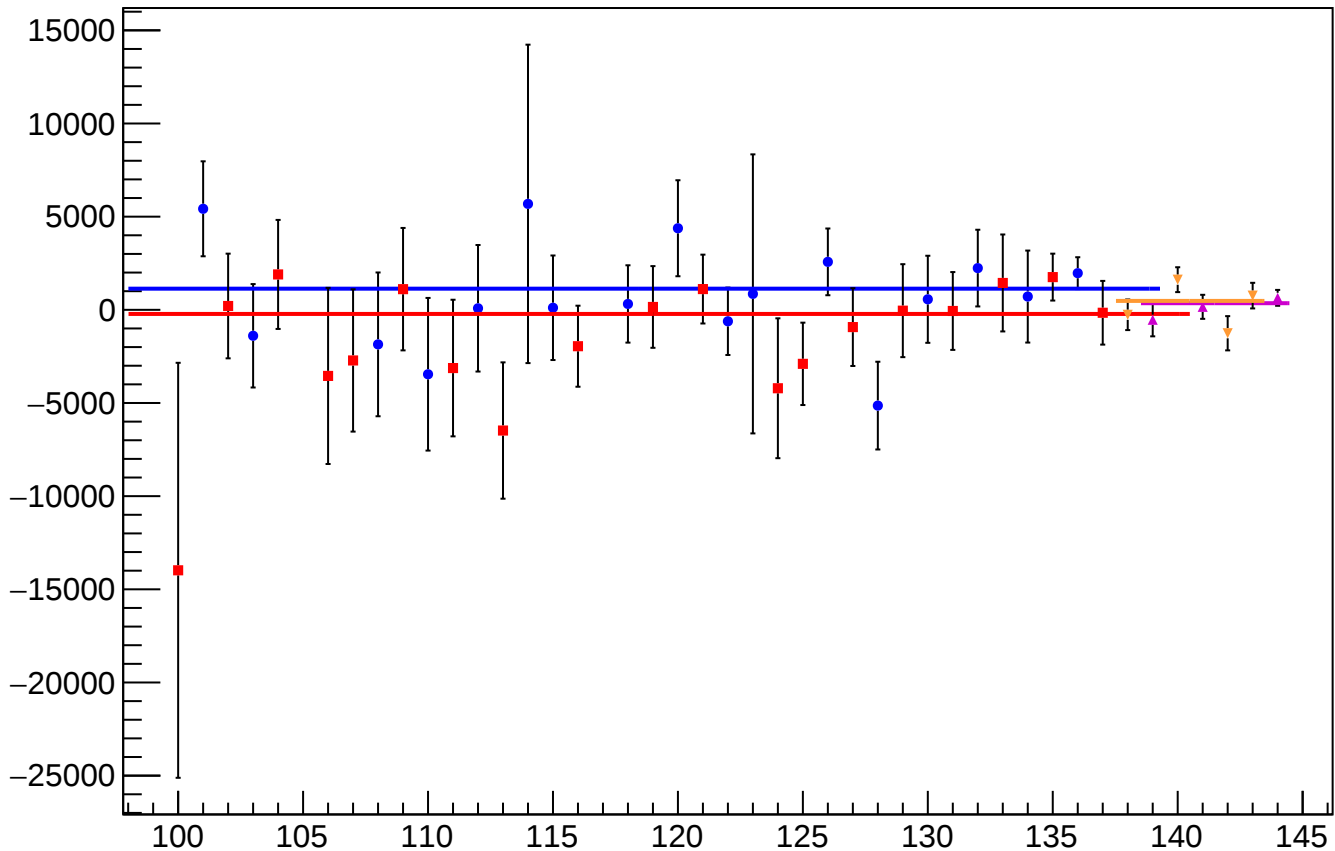
Right: 1293.283 $\pm$ 0.265 χ^2/NDF : 3676549.5/35

In: 698.707 $\pm$ 0.194 χ^2/NDF : 5260938.0/19

Out: 835.915 $\pm$ 0.215 χ^2/NDF : 4510511.8/22

All: 760.374 $\pm$ 0.144 χ^2/NDF : 9995525.1/42

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 478.346+/-377.191 χ^2/NDF : 7.5/3

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 355.604+/-330.029 χ^2/NDF : 1.5/2

Left: 408.826+/-248.377 χ^2/NDF : 9.1/6

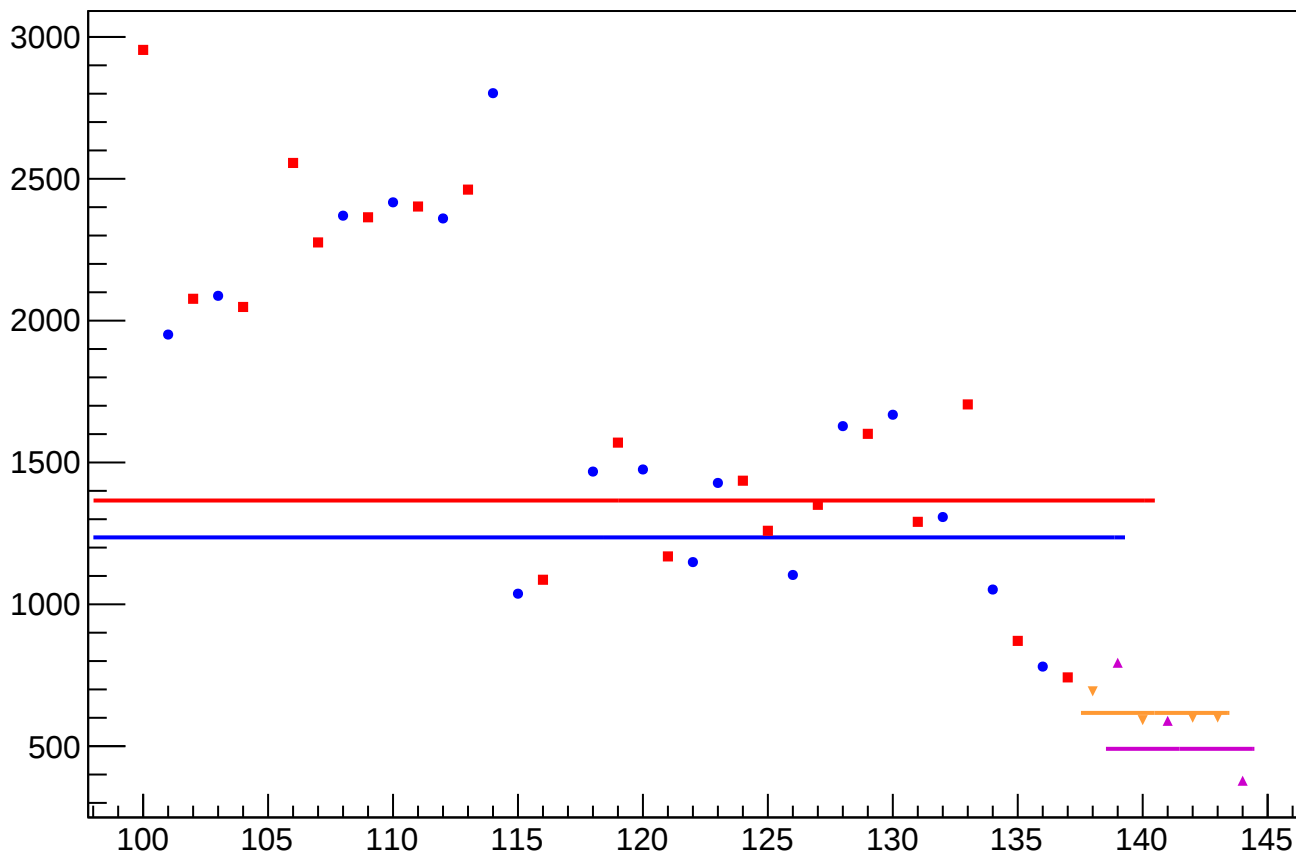
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 583.333+/-277.675 χ^2/NDF : 21.0/19

Out: 253.316+/-310.618 χ^2/NDF : 22.1/22

All: 436.747+/-207.017 χ^2/NDF : 43.7/42

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 617.260+/-0.267 χ^2/NDF : 21874.6/3

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 490.626+/-0.233 χ^2/NDF : 418571.8/2

Left: 545.535+/-0.176 χ^2/NDF : 568126.6/6

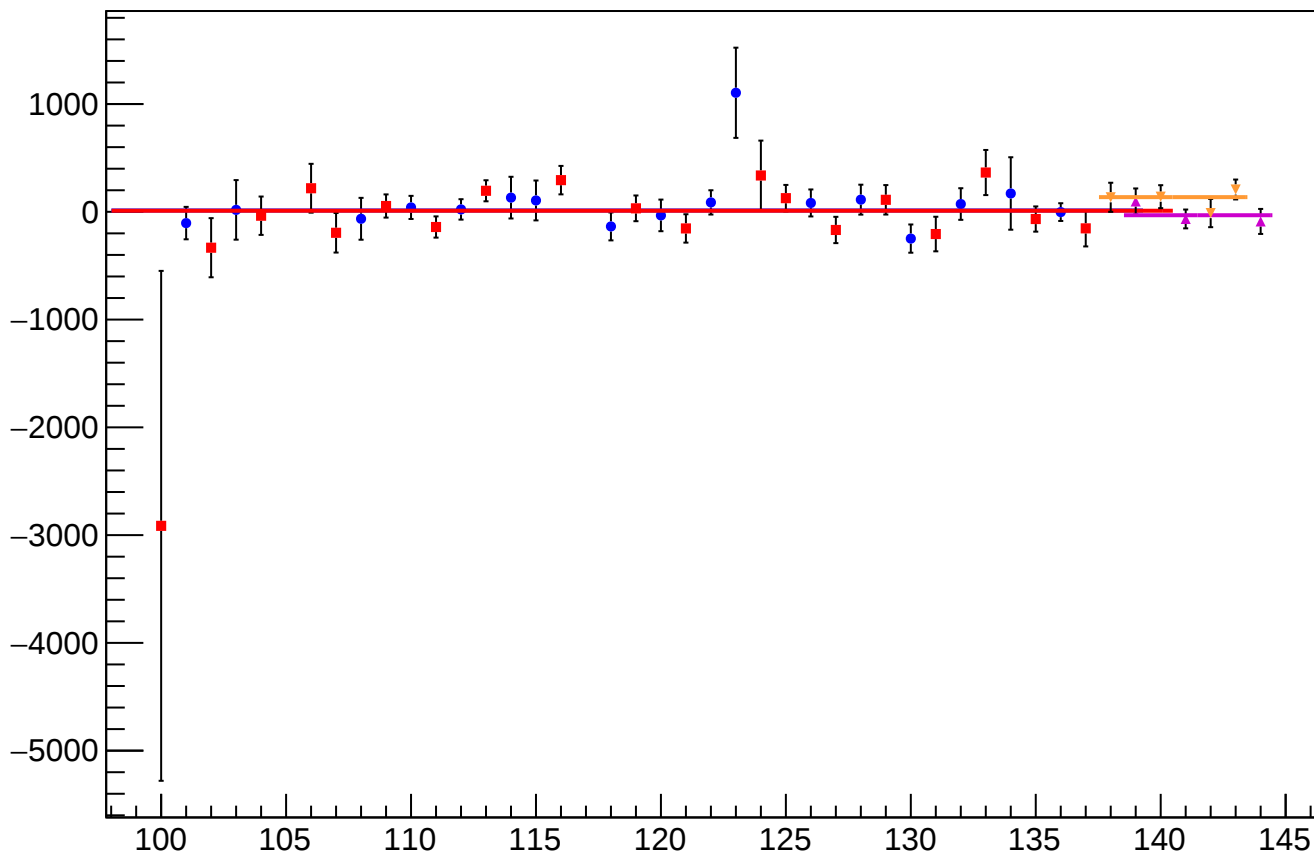
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 708.334+/-0.196 χ^2/NDF : 5143758.6/19

Out: 858.216+/-0.220 χ^2/NDF : 4307881.2/22

All: 774.908+/-0.146 χ^2/NDF : 9710467.3/42

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 136.188+/-56.031 χ^2/NDF : 1.9/3

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: -31.658+/-60.408 χ^2/NDF : 1.5/2

Left: 58.567+/-41.080 χ^2/NDF : 7.5/6

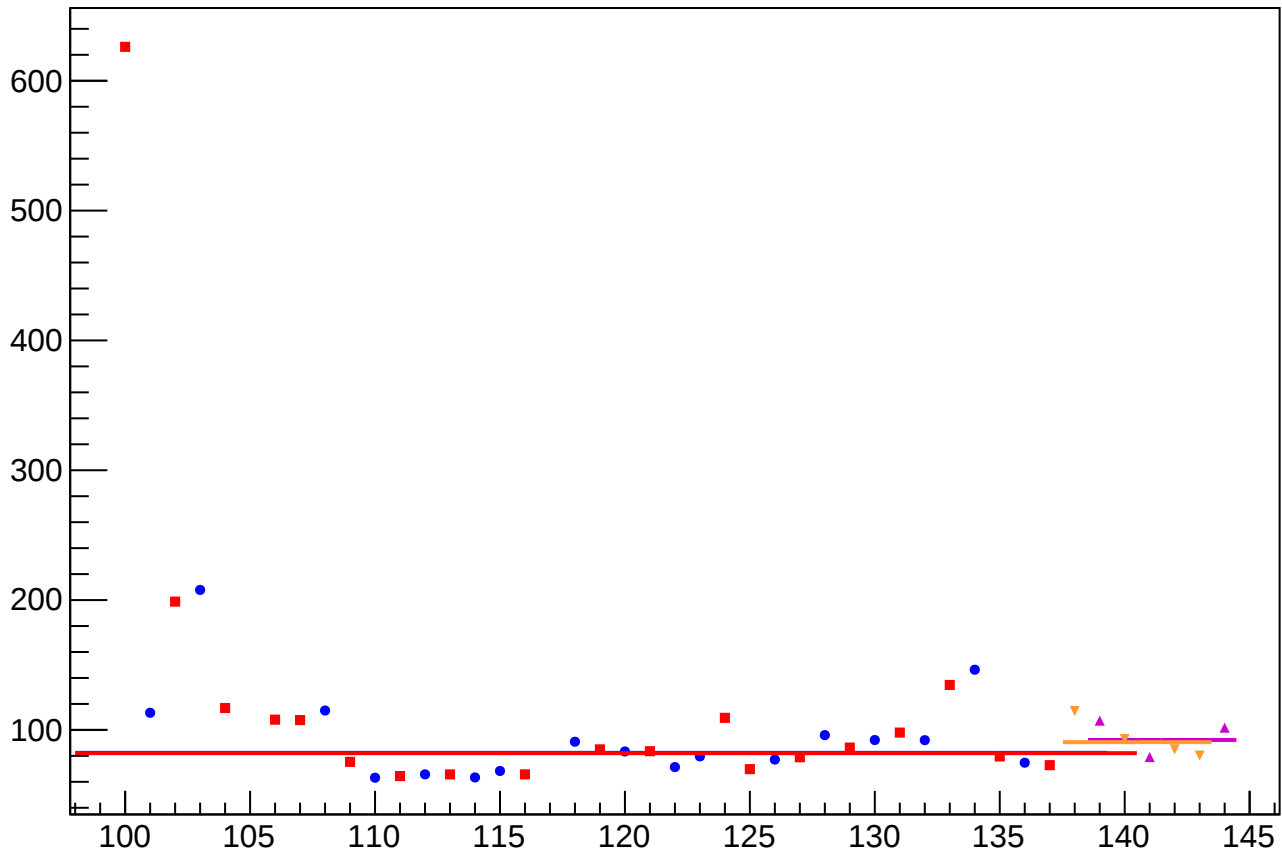
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 2.096+/-29.114 χ^2/NDF : 17.3/19

Out: 41.945+/-28.179 χ^2/NDF : 33.9/22

All: 22.670+/-20.248 χ^2/NDF : 52.2/42

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 90.554+/-0.040 χ^2/NDF : 92883.0/3

Right Out: 82.091+/-0.023 χ^2/NDF : 959008.5/18

Left In: 92.258+/-0.043 χ^2/NDF : 89141.4/2

Left: 91.342+/-0.029 χ^2/NDF : 182880.4/6

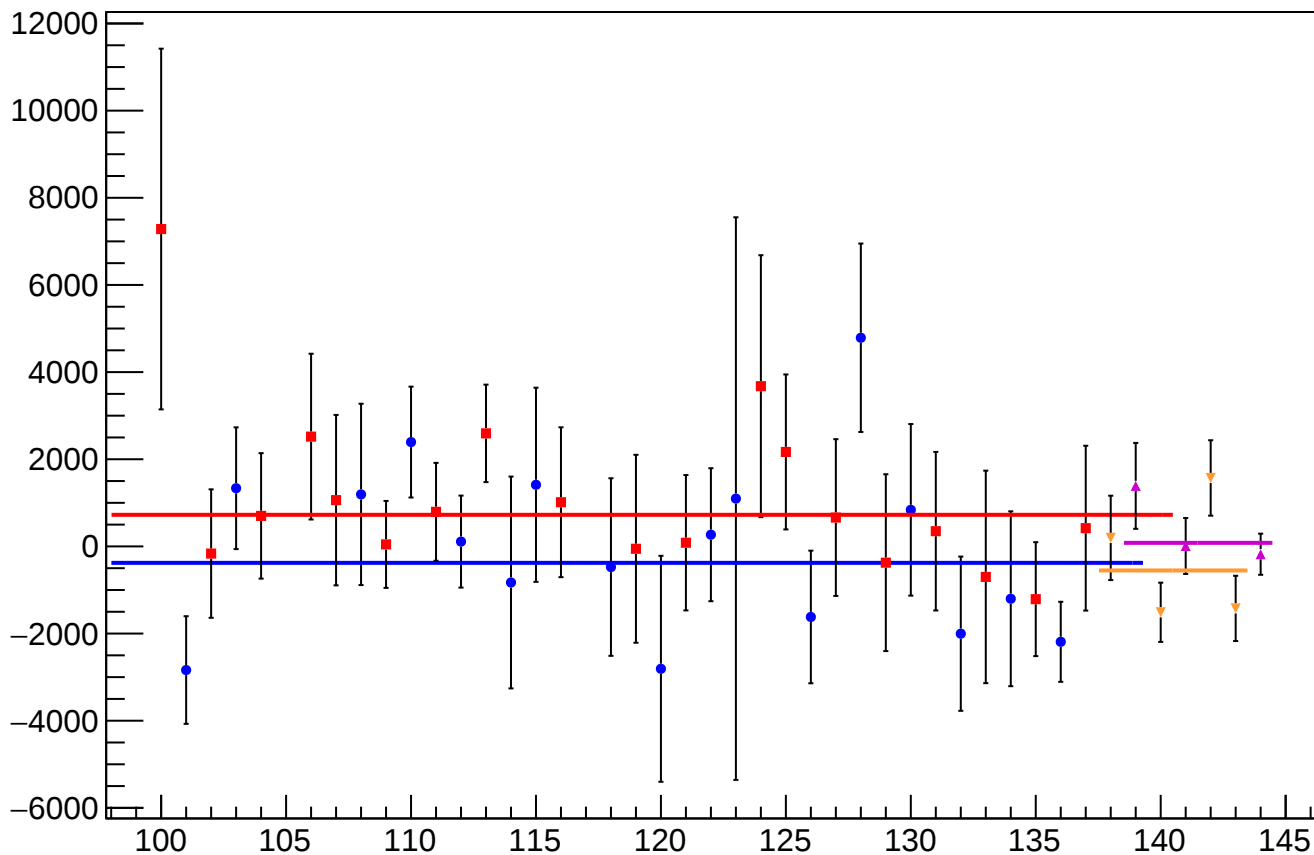
Right: 82.196+/-0.016 χ^2/NDF : 1827793.7/35

In: 84.618+/-0.021 χ^2/NDF : 999561.9/19

Out: 84.231+/-0.020 χ^2/NDF : 1085979.4/22

All: 84.418+/-0.014 χ^2/NDF : 2085723.1/42

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -551.595+/-396.851 χ^2/NDF : 10.0/3

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 81.421+/-354.636 χ^2/NDF : 2.1/2

Left: -199.639+/-264.435 χ^2/NDF : 13.5/6

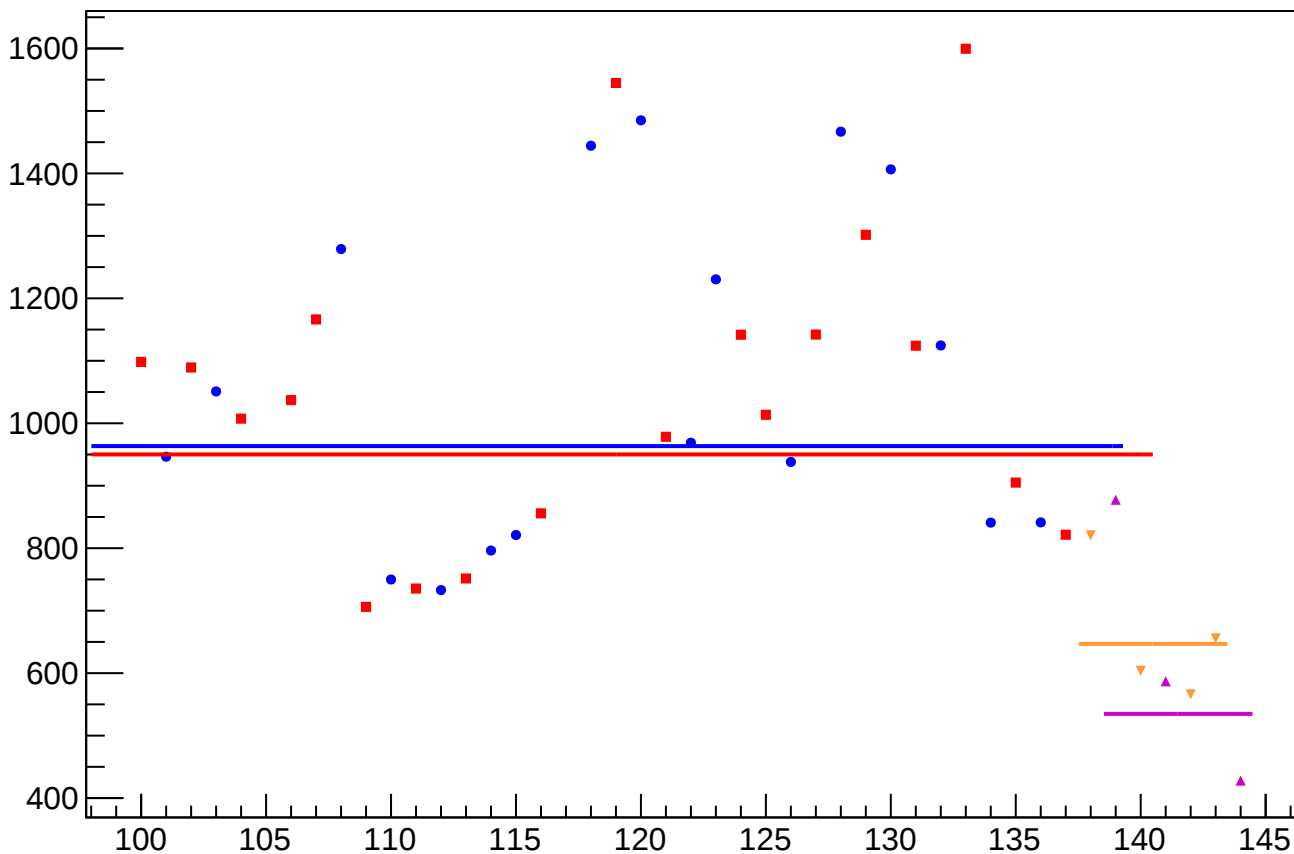
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -129.807+/-260.497 χ^2/NDF : 27.3/19

Out: 136.330+/-269.511 χ^2/NDF : 27.4/22

All: -1.264+/-187.305 χ^2/NDF : 55.2/42

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 646.832+/-0.281 χ^2/NDF : 90232.0/3

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 534.734+/-0.251 χ^2/NDF : 357613.7/2

Left: 584.506+/-0.187 χ^2/NDF : 536569.2/6

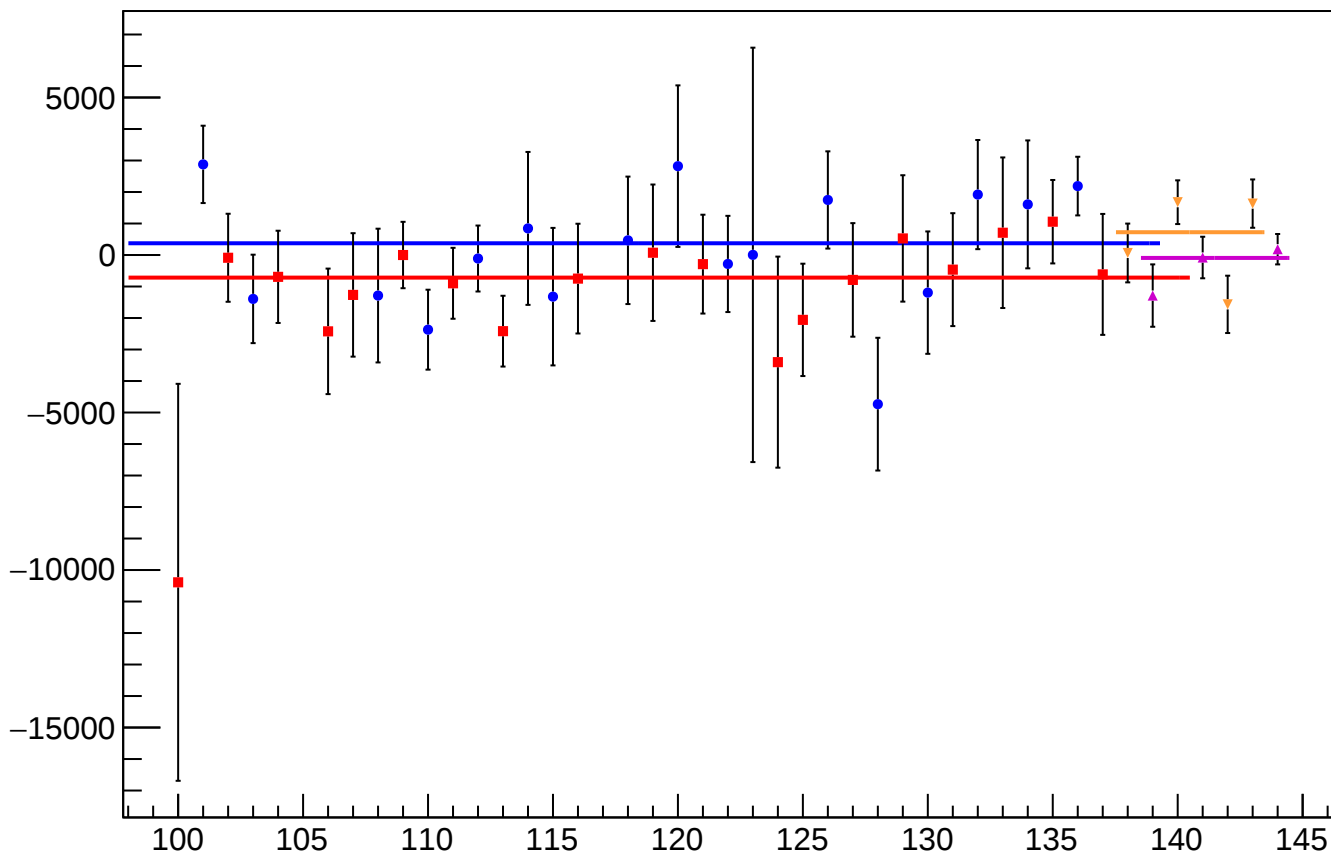
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 732.142+/-0.184 χ^2/NDF : 2392396.2/19

Out: 810.241+/-0.191 χ^2/NDF : 1451567.6/22

All: 769.863+/-0.132 χ^2/NDF : 3930793.1/42

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 723.658 $\pm$ 403.849 χ^2 /NDF:10.1/3

Right Out: -717.404 $\pm$ -371.769 χ^2 /NDF: 10.1/18

Left In: -92.502 $\pm$ -362.461 χ^2 /NDF:1.8/2

Left: 271.626 $\pm$ -269.748 χ^2 /NDF: 14.2/6

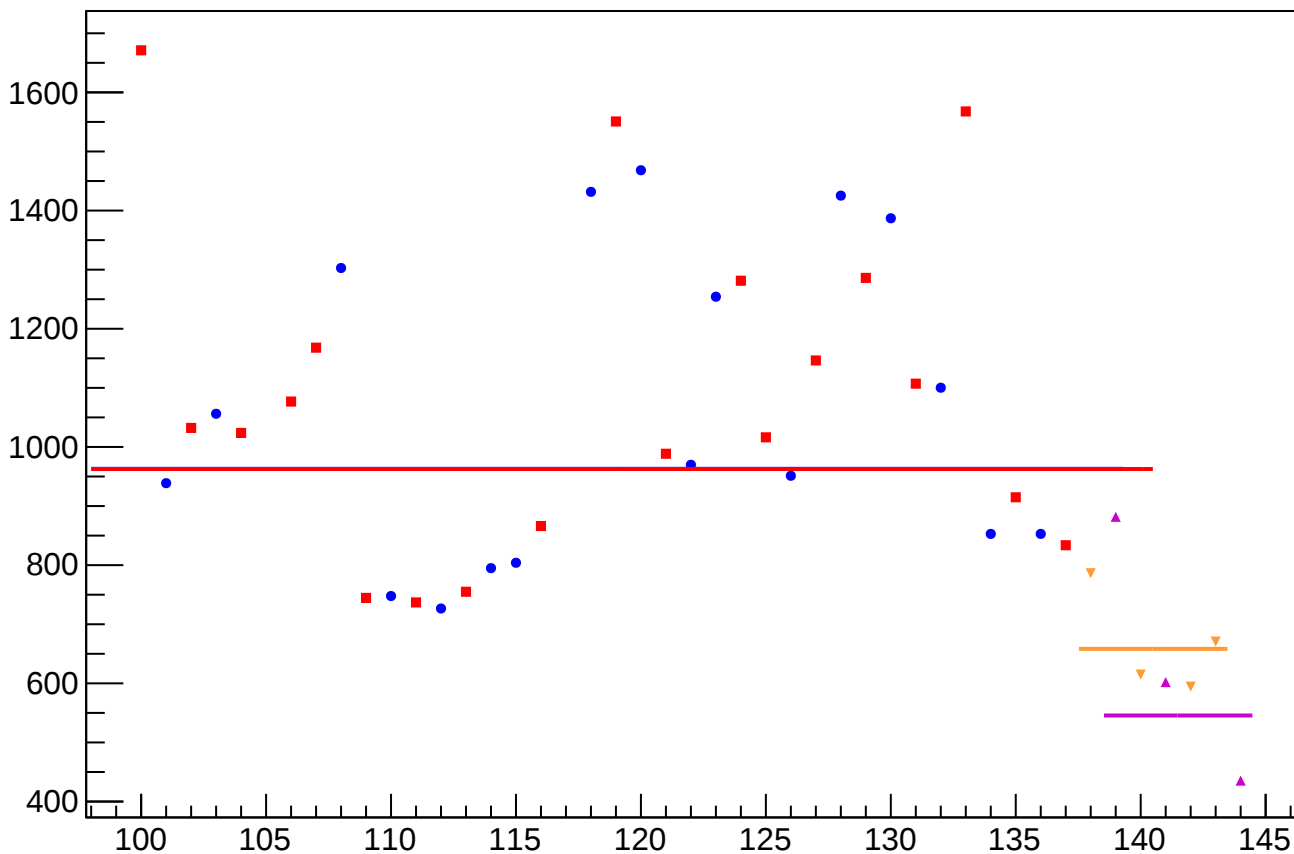
Right: -189.414 $\pm$ -266.986 χ^2 /NDF: 39.6/35

In: 126.984 $\pm$ -263.475 χ^2 /NDF:27.8/19

Out: -56.375 $\pm$ -273.519 χ^2 /NDF:27.1/22

All: 38.733 $\pm$ -189.756 χ^2 /NDF: 55.2/42

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: 962.693+/-0.263 χ^2/NDF : 696385.7/18

Left In: 545.614+/-0.256 χ^2/NDF : 349481.9/2

Left: 595.921+/-0.191 χ^2/NDF : 491681.1/6

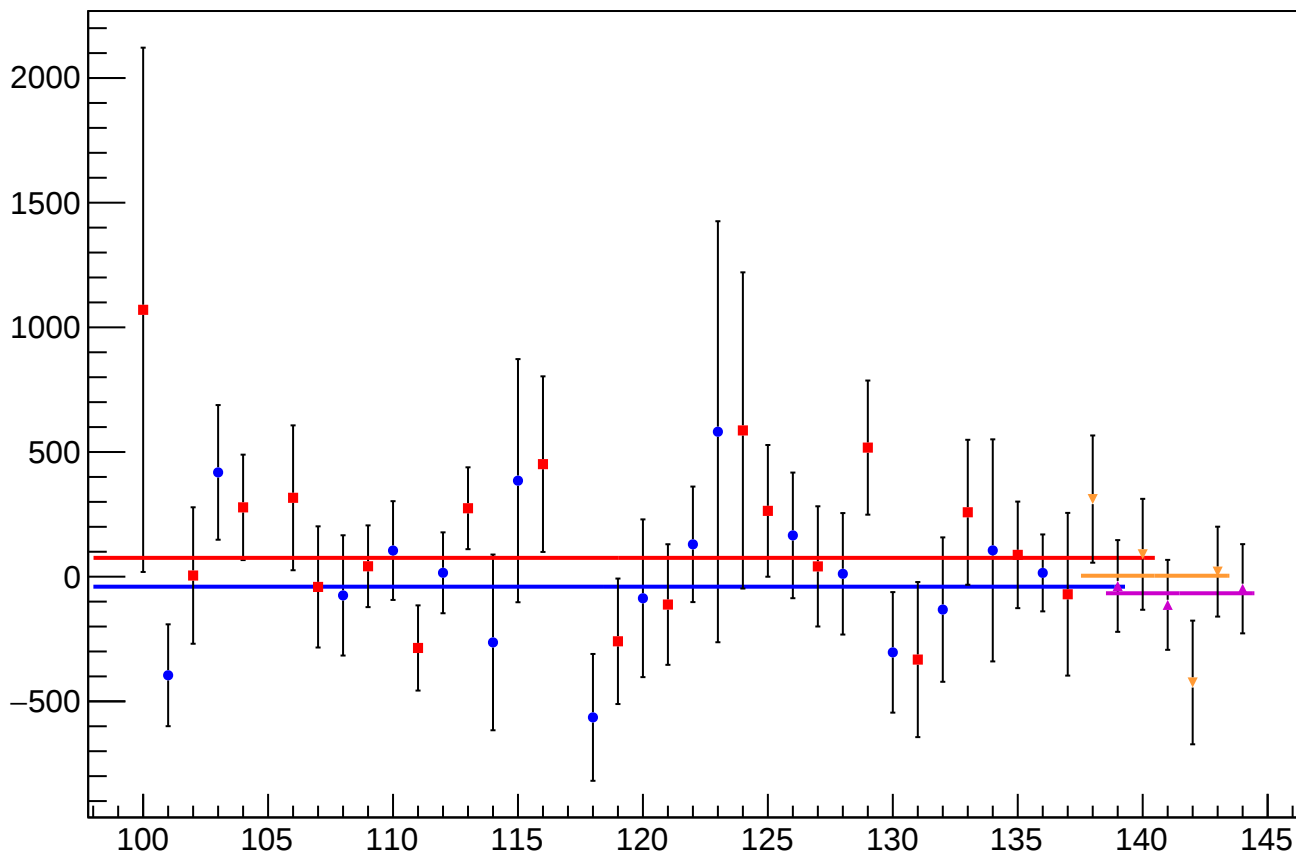
Right: 962.827+/-0.189 χ^2/NDF : 1363908.2/35

In: 742.443+/-0.186 χ^2/NDF : 2267561.9/19

Out: 823.098+/-0.193 χ^2/NDF : 1366961.4/22

All: 781.262+/-0.134 χ^2/NDF : 3724728.3/42

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 3.823 ± 110.036 χ^2/NDF : 4.6/3

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: -66.521 ± 104.530 χ^2/NDF : 0.1/2

Left: -33.153 ± 75.785 χ^2/NDF : 4.9/6

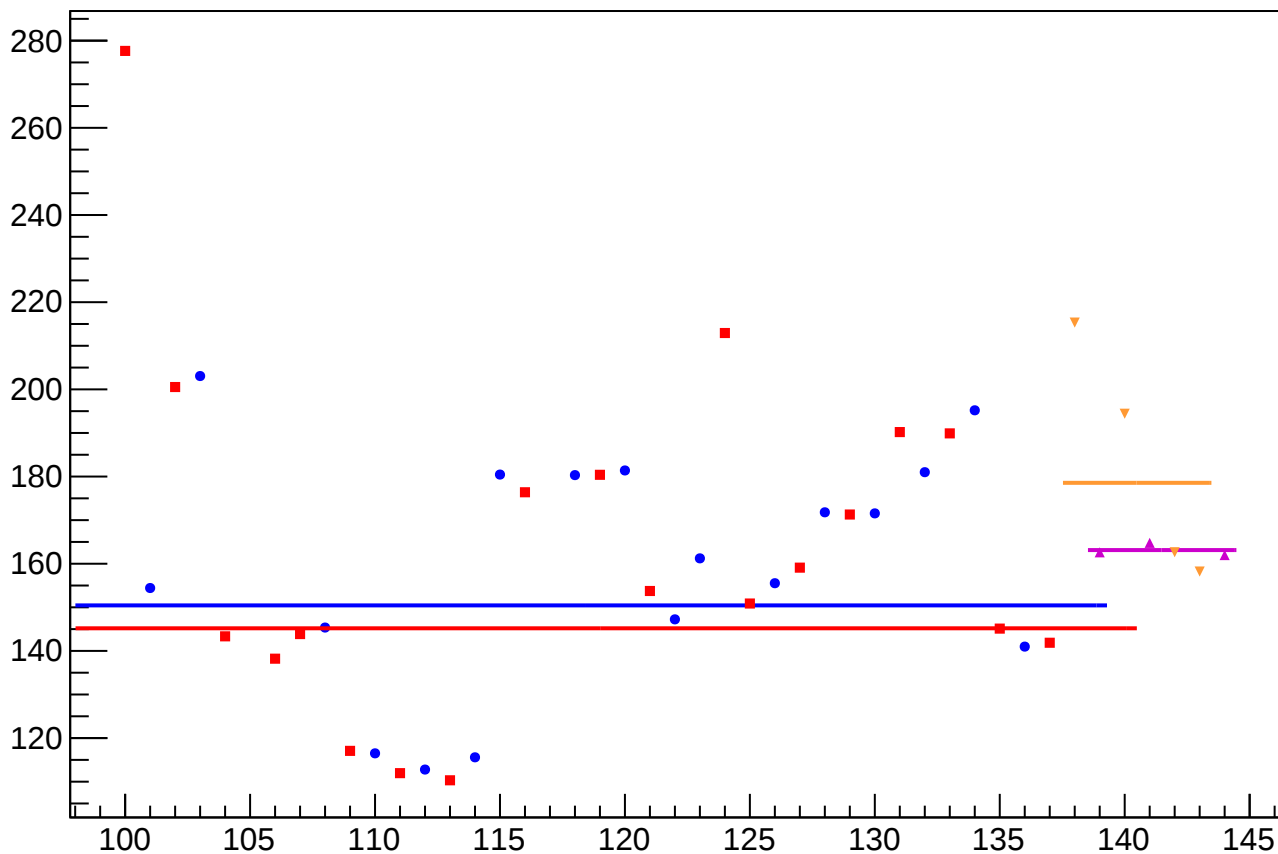
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: -46.542 ± 51.549 χ^2/NDF : 15.5/19

Out: 60.626 ± 50.073 χ^2/NDF : 23.4/22

All: 8.598 ± 35.918 χ^2/NDF : 41.1/42

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2/NDF : 400121.4/16

Left Out: 178.560 $\pm$ 0.078 χ^2/NDF : 85403.8/3

Right Out: 145.187 $\pm$ 0.040 χ^2/NDF : 535696.3/18

Left In: 163.132 $\pm$ 0.074 χ^2/NDF : 267.3/2

Left: 170.451 $\pm$ 0.054 χ^2/NDF : 106338.5/6

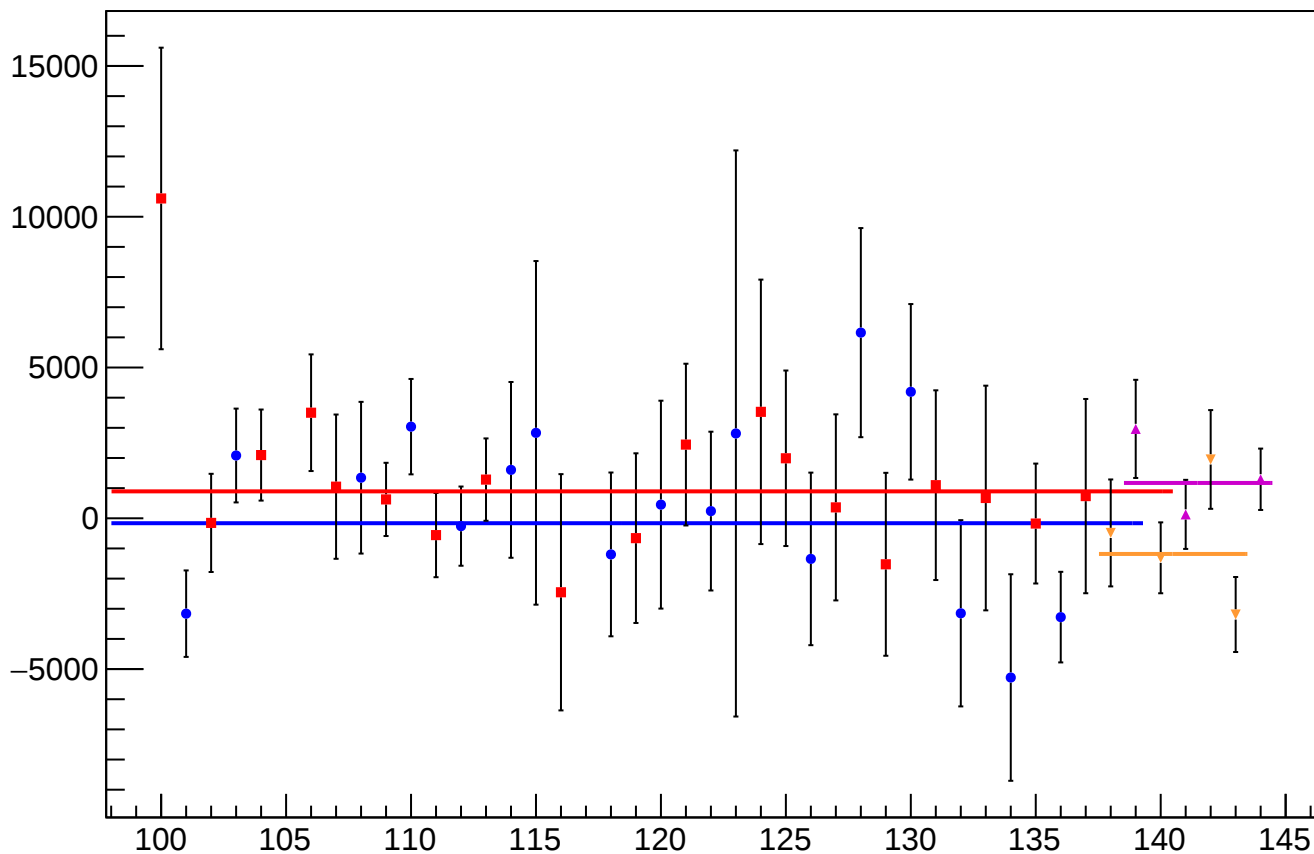
Right: 147.677 $\pm$ 0.029 χ^2/NDF : 944092.7/35

In: 153.528 $\pm$ 0.036 χ^2/NDF : 422698.0/19

Out: 152.098 $\pm$ 0.035 χ^2/NDF : 766978.1/22

All: 152.792 $\pm$ 0.025 χ^2/NDF : 1190467.9/42

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -1182.425 ± 696.519 χ^2/NDF : 6.4/3

Right Out: 893.137 ± 484.322 χ^2/NDF : 10.7/18

Left In: 1172.148 ± 689.121 χ^2/NDF : 2.1/2

Left: 7.431 ± 489.877 χ^2/NDF : 14.3/6

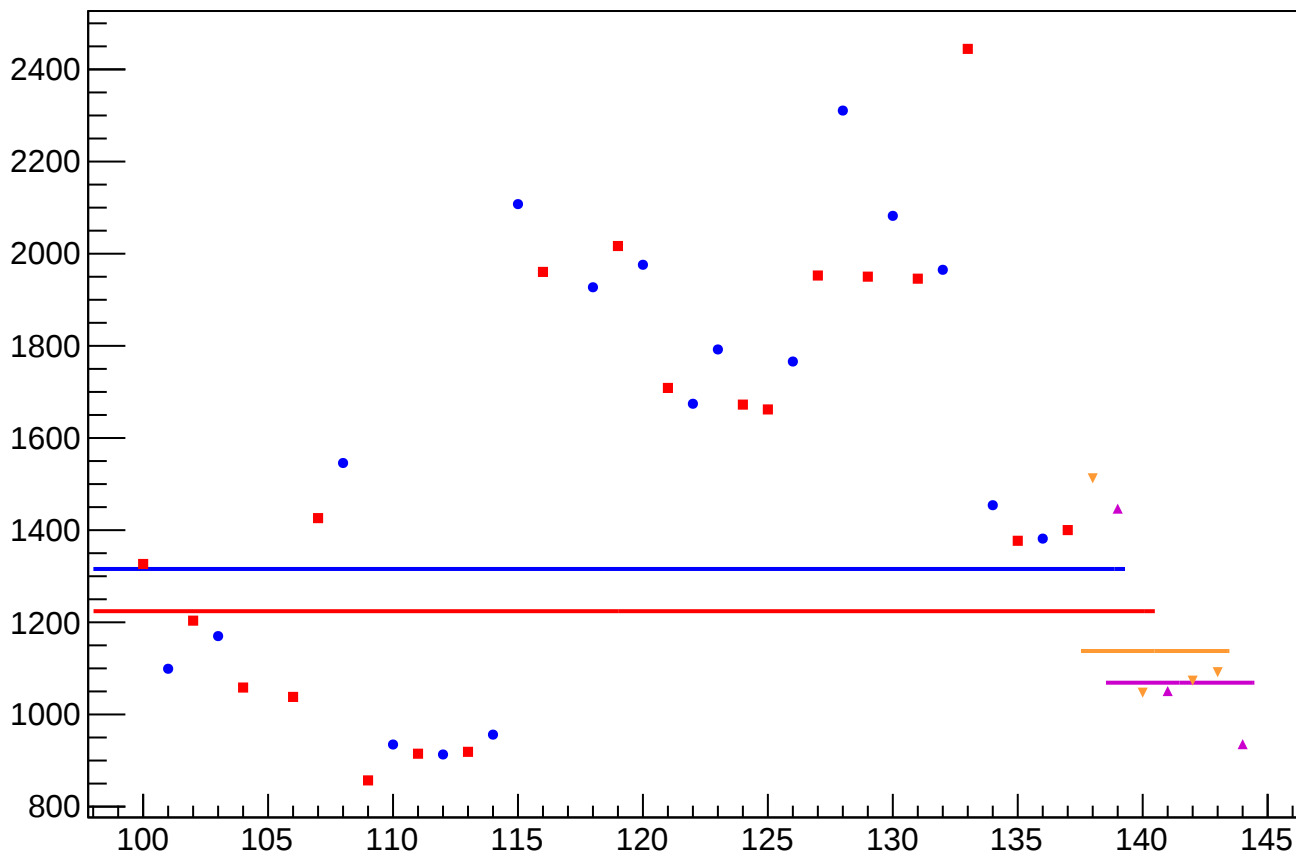
Right: 415.737 ± 358.494 χ^2/NDF : 37.9/35

In: 337.066 ± 421.689 χ^2/NDF : 29.5/19

Out: 216.667 ± 397.639 χ^2/NDF : 23.1/22

All: 273.336 ± 289.302 χ^2/NDF : 52.6/42

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: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1068.944+/-0.487 χ^2/NDF : 142668.8/2

Left: 1102.975+/-0.346 χ^2/NDF : 259552.1/6

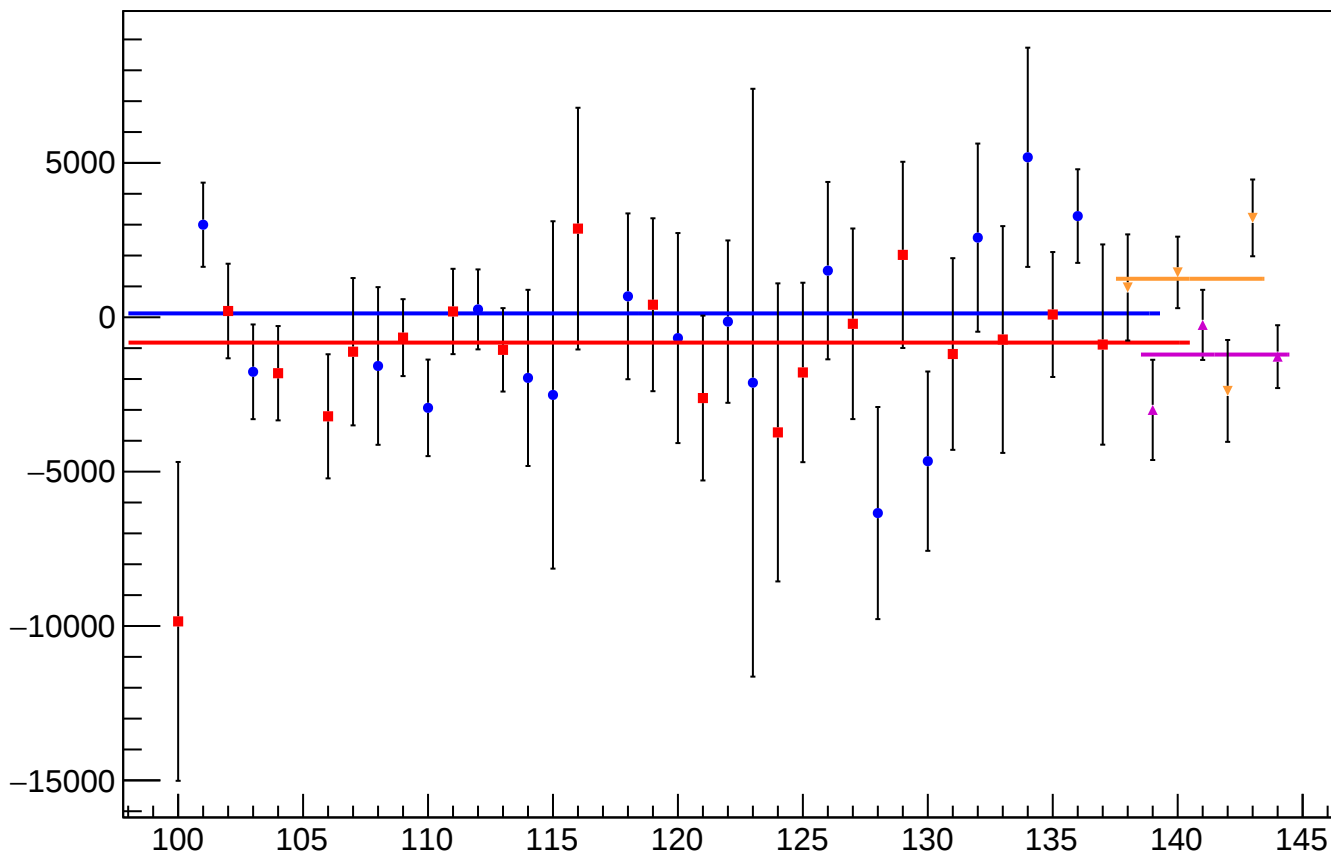
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1223.355+/-0.298 χ^2/NDF : 1421536.2/19

Out: 1195.987+/-0.281 χ^2/NDF : 1491674.8/22

All: 1208.868+/-0.205 χ^2/NDF : 2917670.4/42

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1247.103 $\pm$ 690.322 χ^2 /NDF: 7.4/3

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -1207.609 $\pm$ 686.782 χ^2 /NDF: 1.9/2

Left: 13.437 $\pm$ 486.875 χ^2 /NDF: 15.7/6

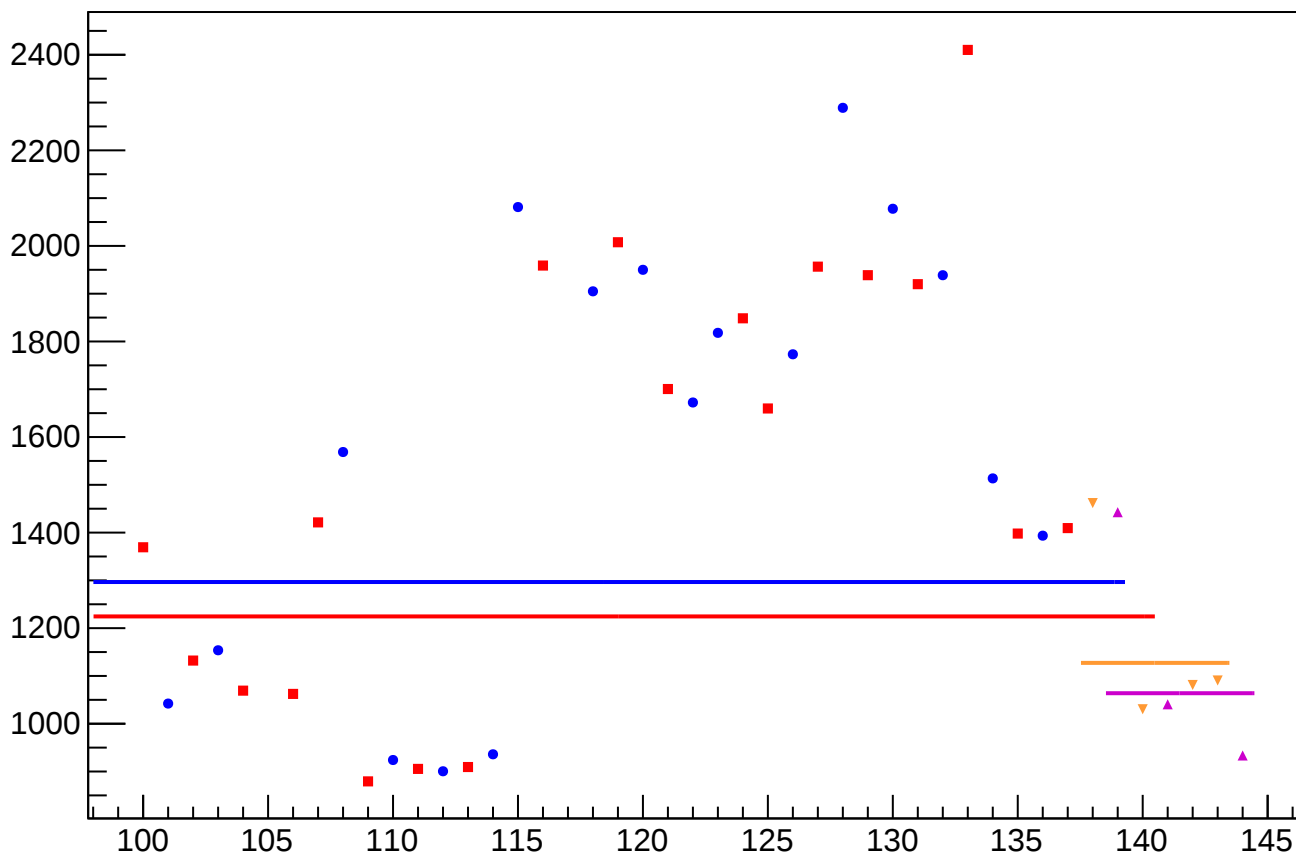
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -368.396 $\pm$ 417.994 χ^2 /NDF: 29.0/19

Out: -137.652 $\pm$ 396.661 χ^2 /NDF: 22.5/22

All: -246.986 $\pm$ 287.728 χ^2 /NDF: 51.6/42

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1127.342 $\pm$ 0.488 χ^2/NDF : 93078.8/3

Right Out: 1224.561 $\pm$ 0.343 χ^2/NDF : 1348274.4/18

Left In: 1063.858 $\pm$ 0.486 χ^2/NDF : 142527.9/2

Left: 1095.437 $\pm$ 0.344 χ^2/NDF : 244107.4/6

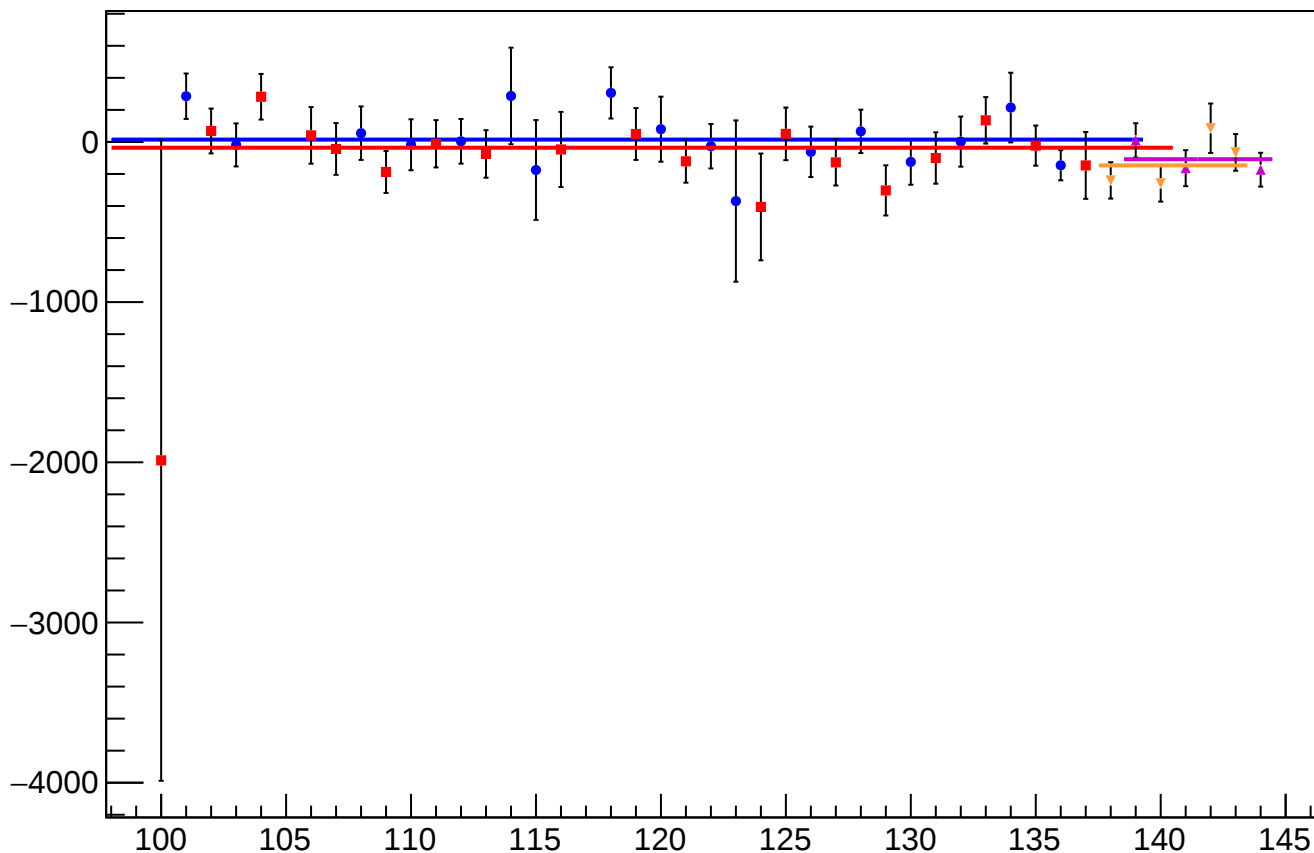
Right: 1257.572 $\pm$ 0.252 χ^2/NDF : 2543980.3/35

In: 1210.369 $\pm$ 0.296 χ^2/NDF : 1462566.8/19

Out: 1192.462 $\pm$ 0.280 χ^2/NDF : 1467923.2/22

All: 1200.947 $\pm$ 0.203 χ^2/NDF : 2932421.3/42

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -146.555 ± 60.508 $\chi^2/\text{NDF}: 4.4/3$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -107.965 ± 62.445 $\chi^2/\text{NDF}: 1.8/2$

Left: -127.868 ± 43.454 $\chi^2/\text{NDF}: 6.5/6$

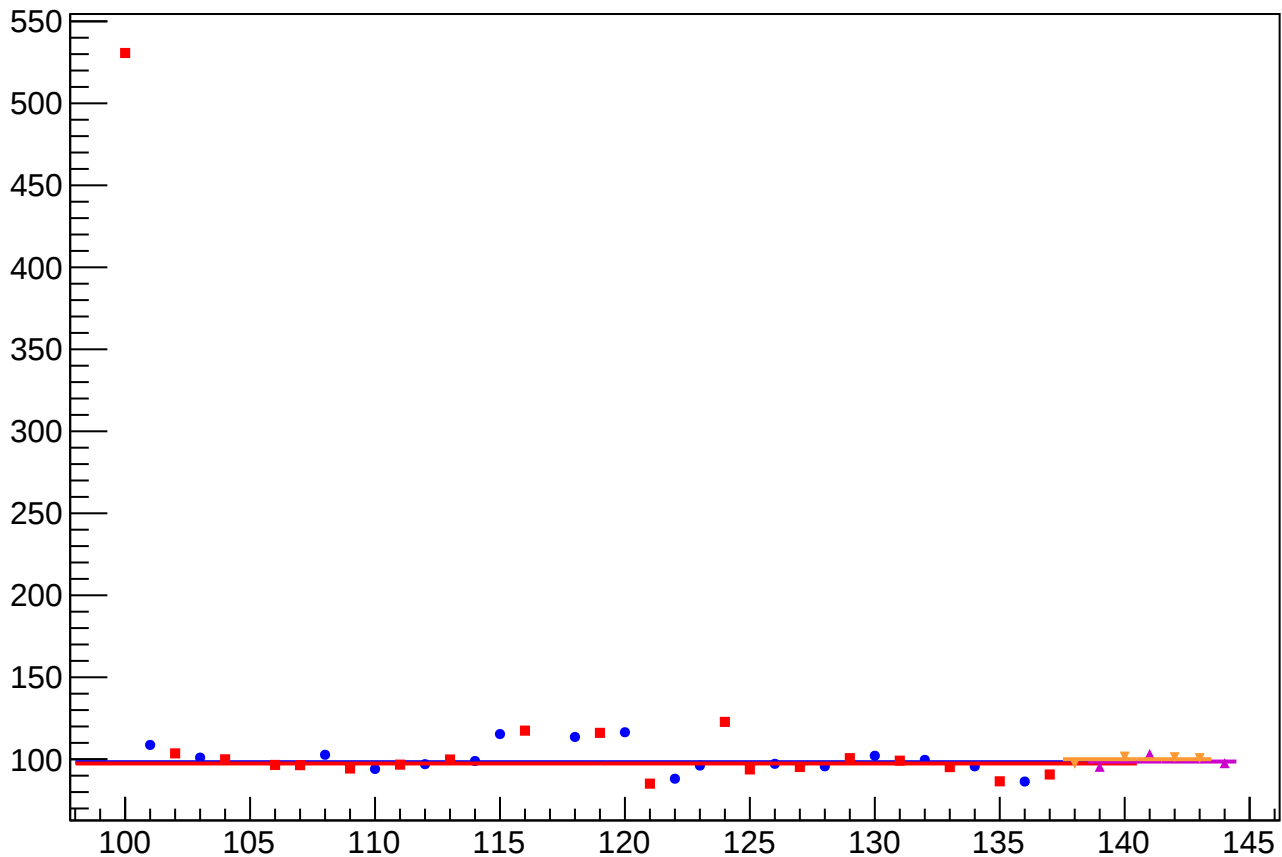
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -18.560 ± 32.472 $\chi^2/\text{NDF}: 18.8/19$

Out: -65.856 ± 31.393 $\chi^2/\text{NDF}: 22.3/22$

All: -43.007 ± 22.570 $\chi^2/\text{NDF}: 42.3/42$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 100.037+/-0.043 χ^2/NDF : 1803.0/3

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 98.610+/-0.044 χ^2/NDF : 5375.2/2

Left: 99.346+/-0.031 χ^2/NDF : 7716.7/6

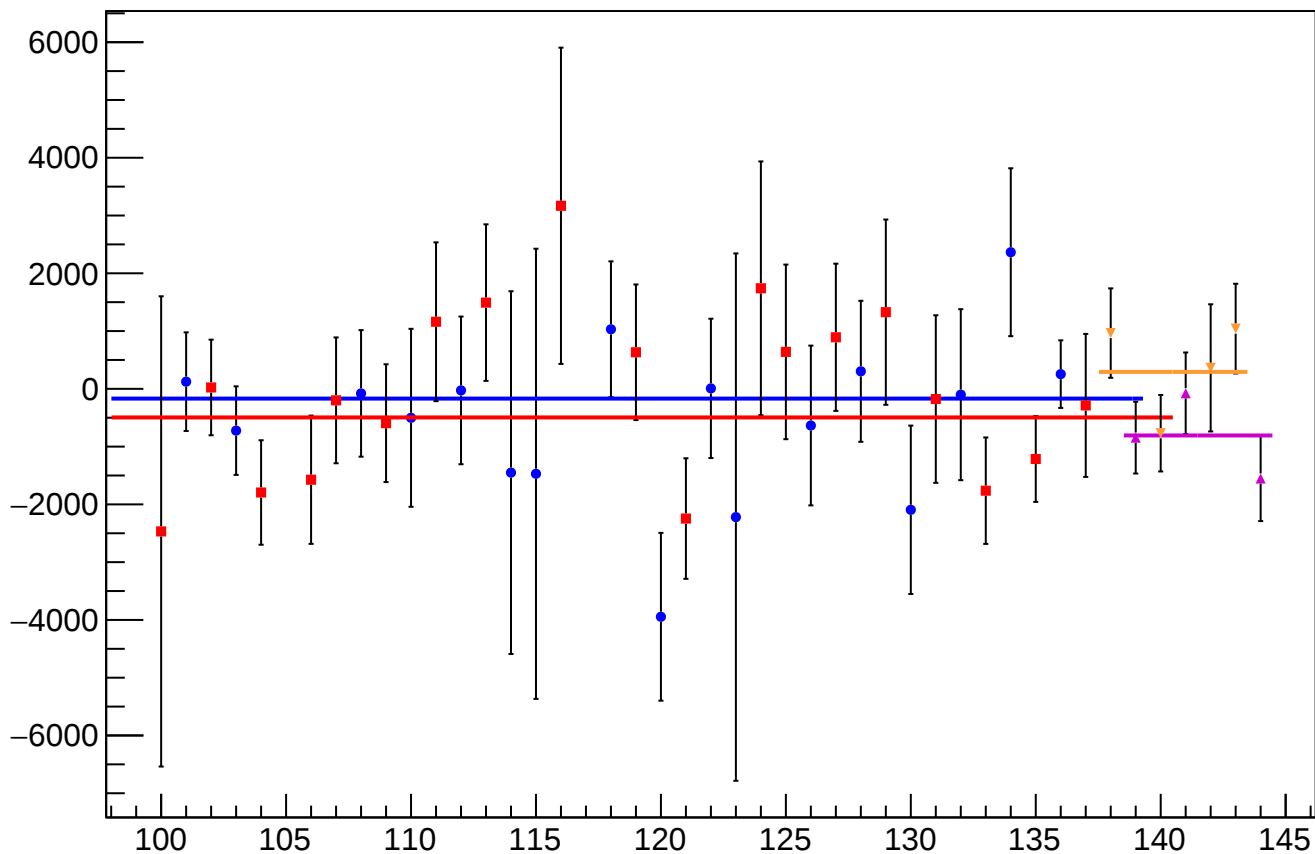
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 98.325+/-0.023 χ^2/NDF : 105942.8/19

Out: 98.136+/-0.022 χ^2/NDF : 194569.7/22

All: 98.227+/-0.016 χ^2/NDF : 300547.4/42

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 293.266 ± 394.230 χ^2/NDF : 4.3/3

Right Out: -494.868 ± 267.430 χ^2/NDF : 19.8/18

Left In: -806.949 ± 394.055 χ^2/NDF : 2.1/2

Left: -257.086 ± 278.701 χ^2/NDF : 10.2/6

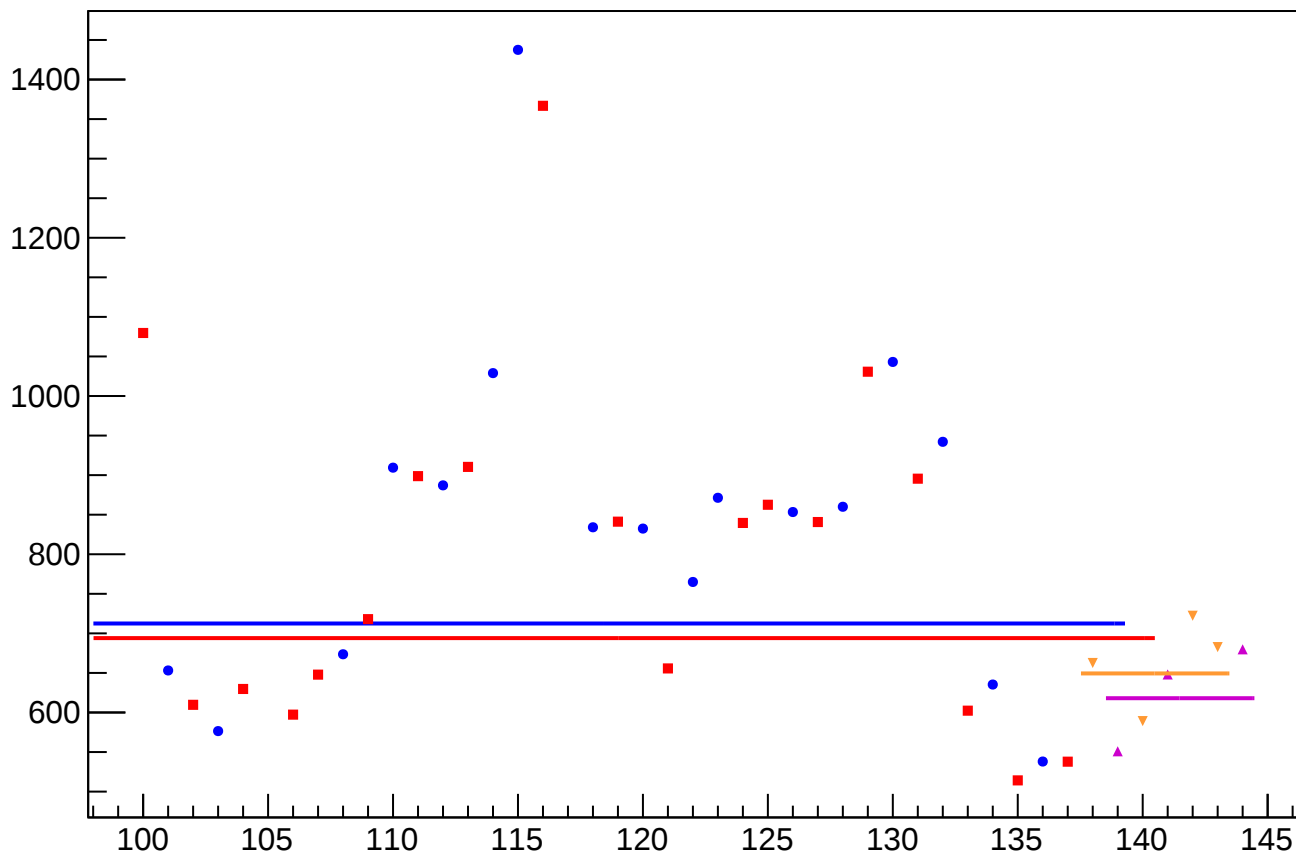
Right: -340.578 ± 194.106 χ^2/NDF : 35.1/35

In: -385.113 ± 229.422 χ^2/NDF : 18.4/19

Out: -246.488 ± 221.314 χ^2/NDF : 26.8/22

All: -313.308 ± 159.282 χ^2/NDF : 45.4/42

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 649.360+/-0.279 χ^2/NDF : 29600.3/3

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 618.052+/-0.279 χ^2/NDF : 40995.6/2

Left: 633.699+/-0.197 χ^2/NDF : 76905.6/6

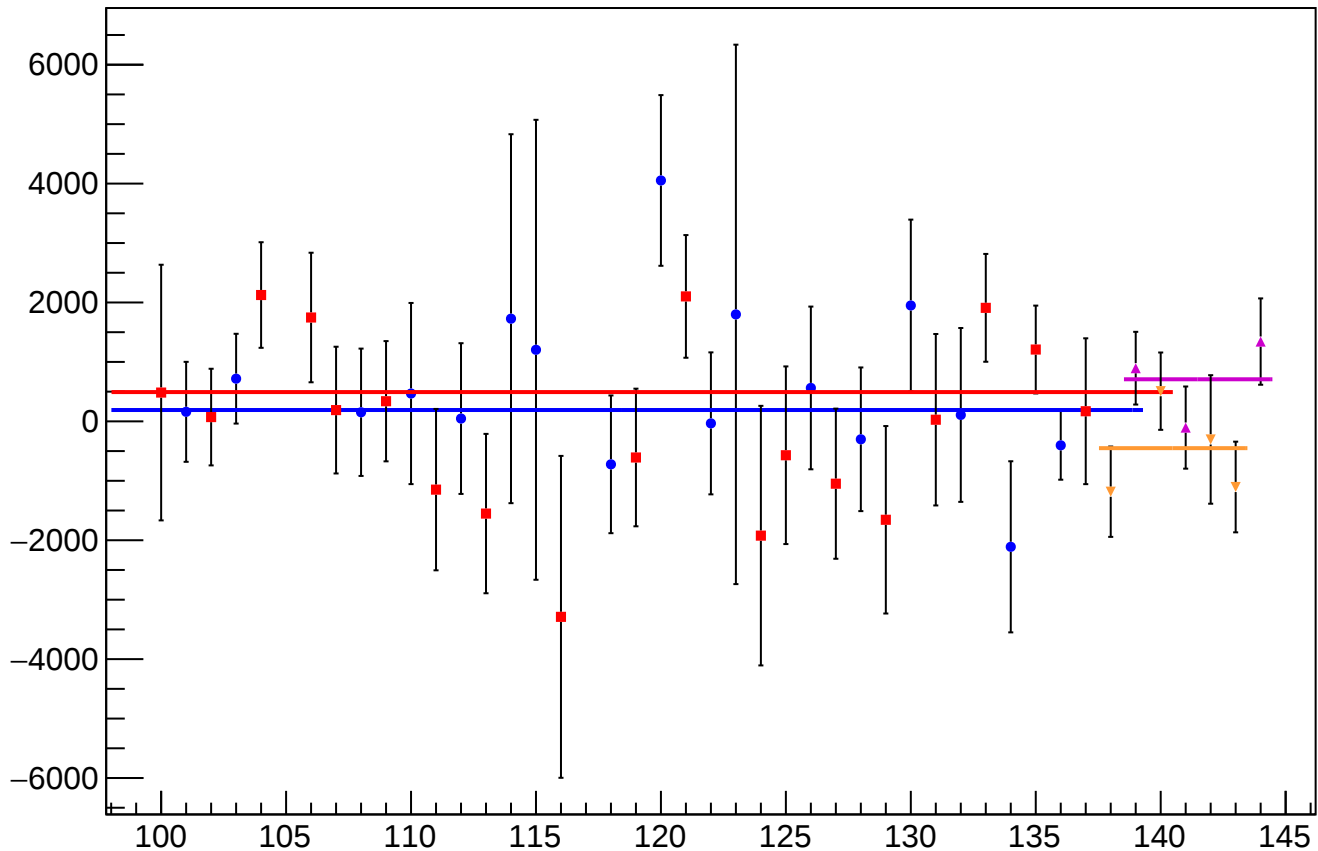
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 680.469+/-0.162 χ^2/NDF : 777427.1/19

Out: 679.942+/-0.156 χ^2/NDF : 722162.8/22

All: 680.196+/-0.113 χ^2/NDF : 1499595.4/42

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -450.783 $\pm$ 387.219 χ^2 /NDF:3.9/3

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 707.908 $\pm$ 387.452 χ^2 /NDF:2.2/2

Left: 128.215 $\pm$ 273.888 χ^2 /NDF: 10.6/6

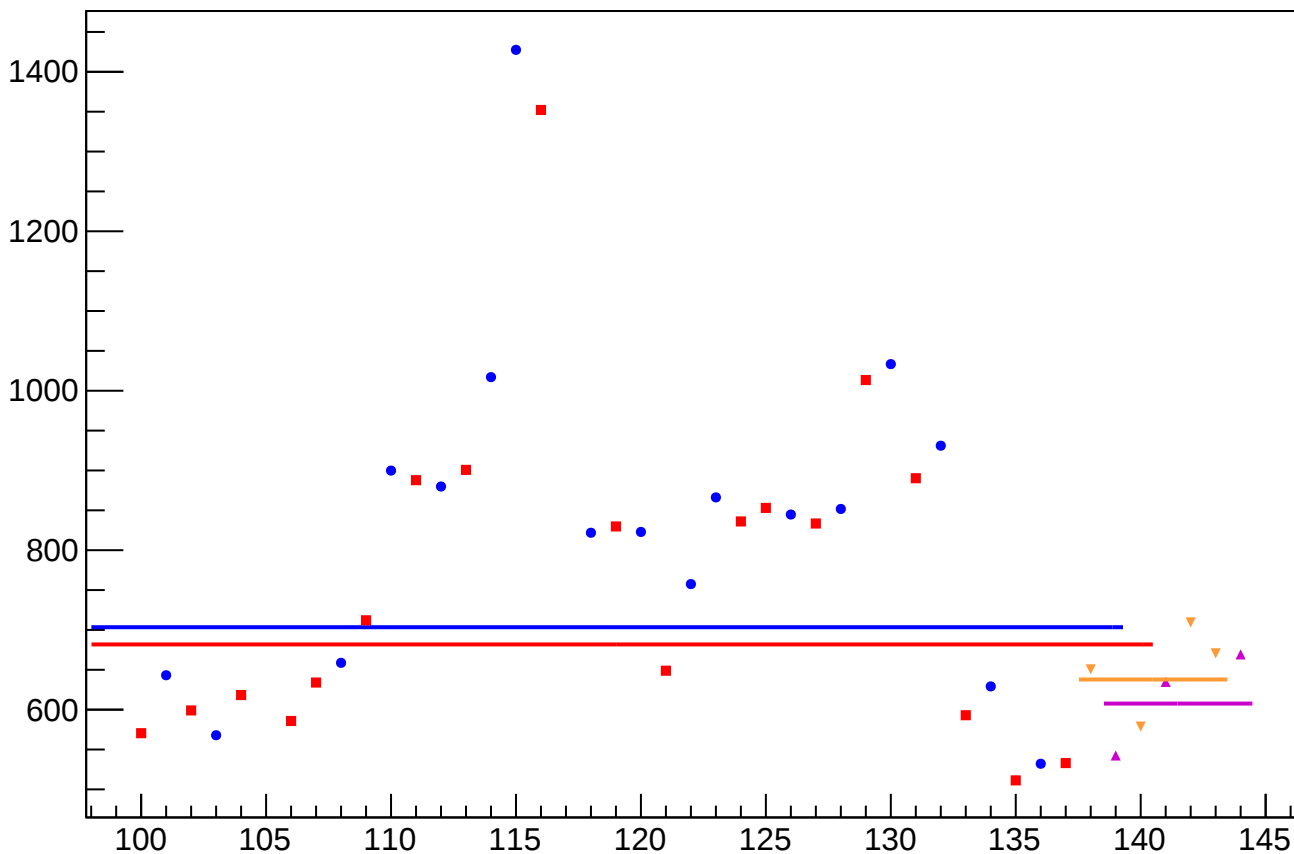
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 367.153 $\pm$ 226.232 χ^2 /NDF:17.6/19

Out: 195.374 $\pm$ 217.363 χ^2 /NDF:30.7/22

All: 277.831 $\pm$ 156.741 χ^2 /NDF: 48.6/42

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 +/- 0.197 χ^2/NDF : 666885.8/16

Left Out: 637.817 +/- 0.274 χ^2/NDF : 29546.5/3

Right Out: 681.807 +/- 0.186 χ^2/NDF : 664797.9/18

Left In: 607.616 +/- 0.274 χ^2/NDF : 40187.2/2

Left: 622.726 +/- 0.194 χ^2/NDF : 75813.2/6

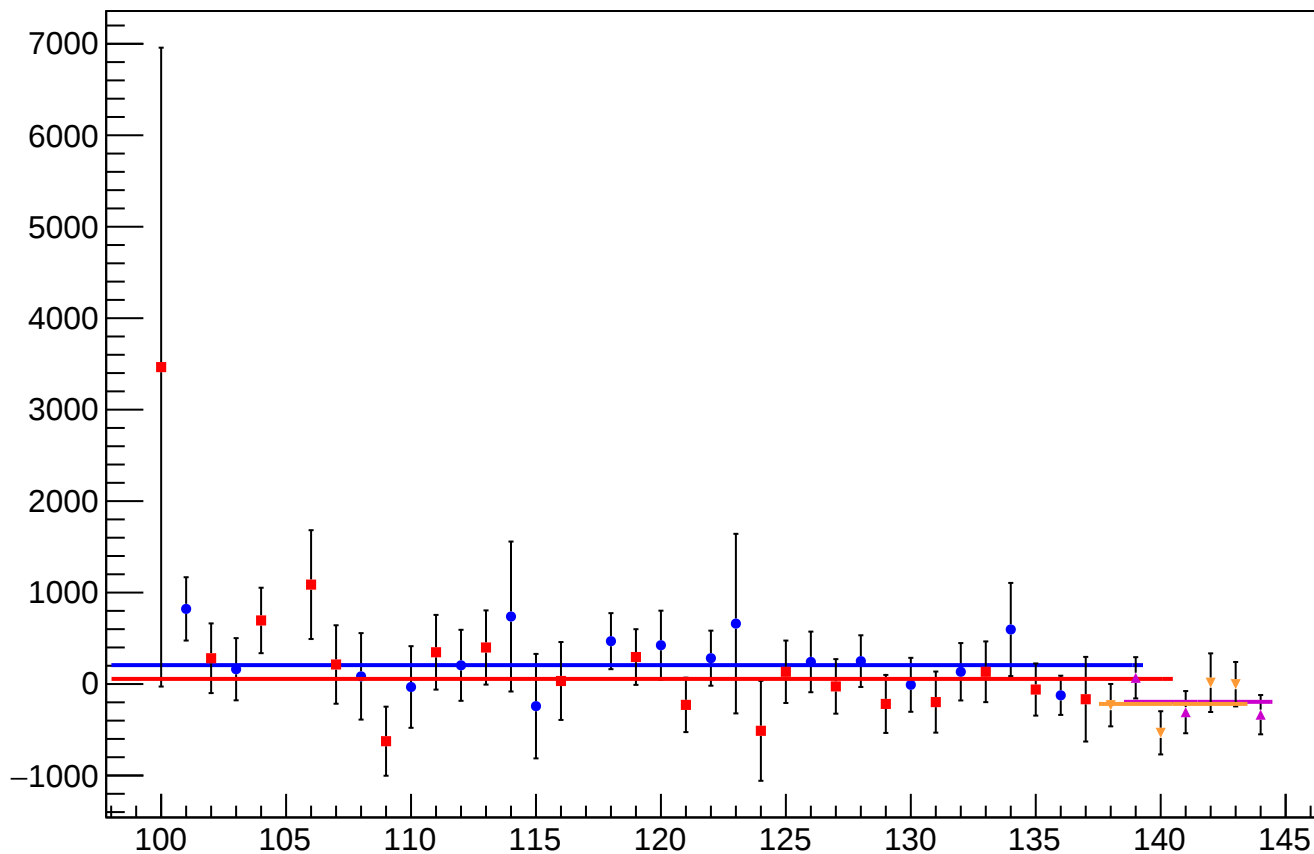
Right: 691.968 +/- 0.135 χ^2/NDF : 1338046.5/35

In: 670.748 +/- 0.160 χ^2/NDF : 787640.7/19

Out: 667.945 +/- 0.154 χ^2/NDF : 712022.6/22

All: 669.291 +/- 0.111 χ^2/NDF : 1499823.0/42

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -217.293 $\pm$ 125.731 χ^2 /NDF:3.1/3

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -194.586 $\pm$ 128.945 χ^2 /NDF:2.0/2

Left: -206.226 $\pm$ 90.020 χ^2 /NDF: 5.2/6

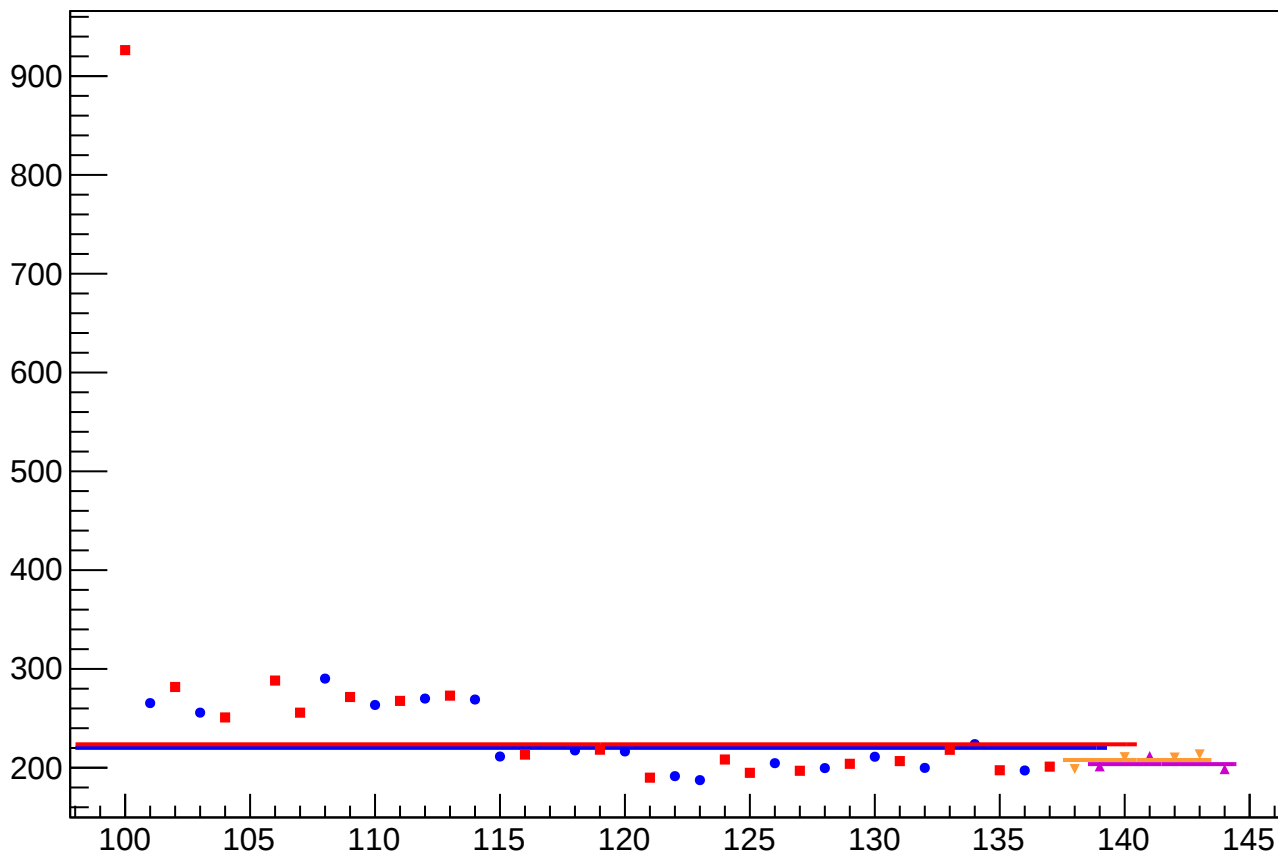
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: 84.008 $\pm$ 71.334 χ^2 /NDF:18.2/19

Out: -29.811 $\pm$ 70.513 χ^2 /NDF:23.0/22

All: 26.439 $\pm$ 50.148 χ^2 /NDF: 42.5/42

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: 223.705+/-0.060 χ^2/NDF : 353242.3/18

Left In: 203.657+/-0.091 χ^2/NDF : 3812.2/2

Left: 205.796+/-0.064 χ^2/NDF : 9564.0/6

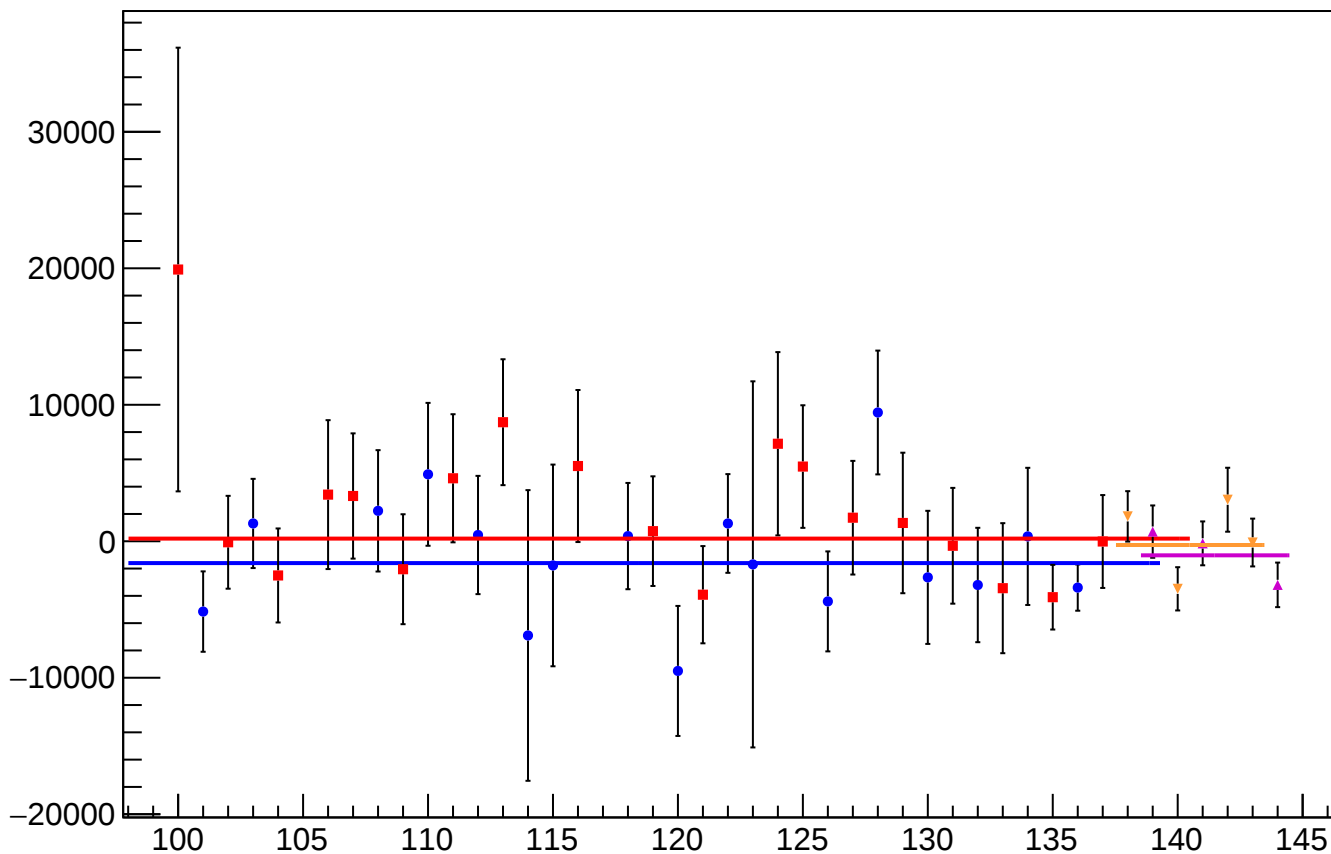
Right: 221.929+/-0.043 χ^2/NDF : 583436.5/35

In: 215.090+/-0.050 χ^2/NDF : 254915.8/19

Out: 218.712+/-0.050 χ^2/NDF : 379778.5/22

All: 216.922+/-0.035 χ^2/NDF : 637302.2/42

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045+/-921.042 χ^2/NDF : 16.6/16

Left Out: -274.012+/-912.908 χ^2/NDF : 7.4/3

Right Out: 194.970+/-947.480 χ^2/NDF : 16.3/18

Left In: -1030.488+/-982.950 χ^2/NDF : 2.9/2

Left: -624.340+/-668.916 χ^2/NDF : 10.6/6

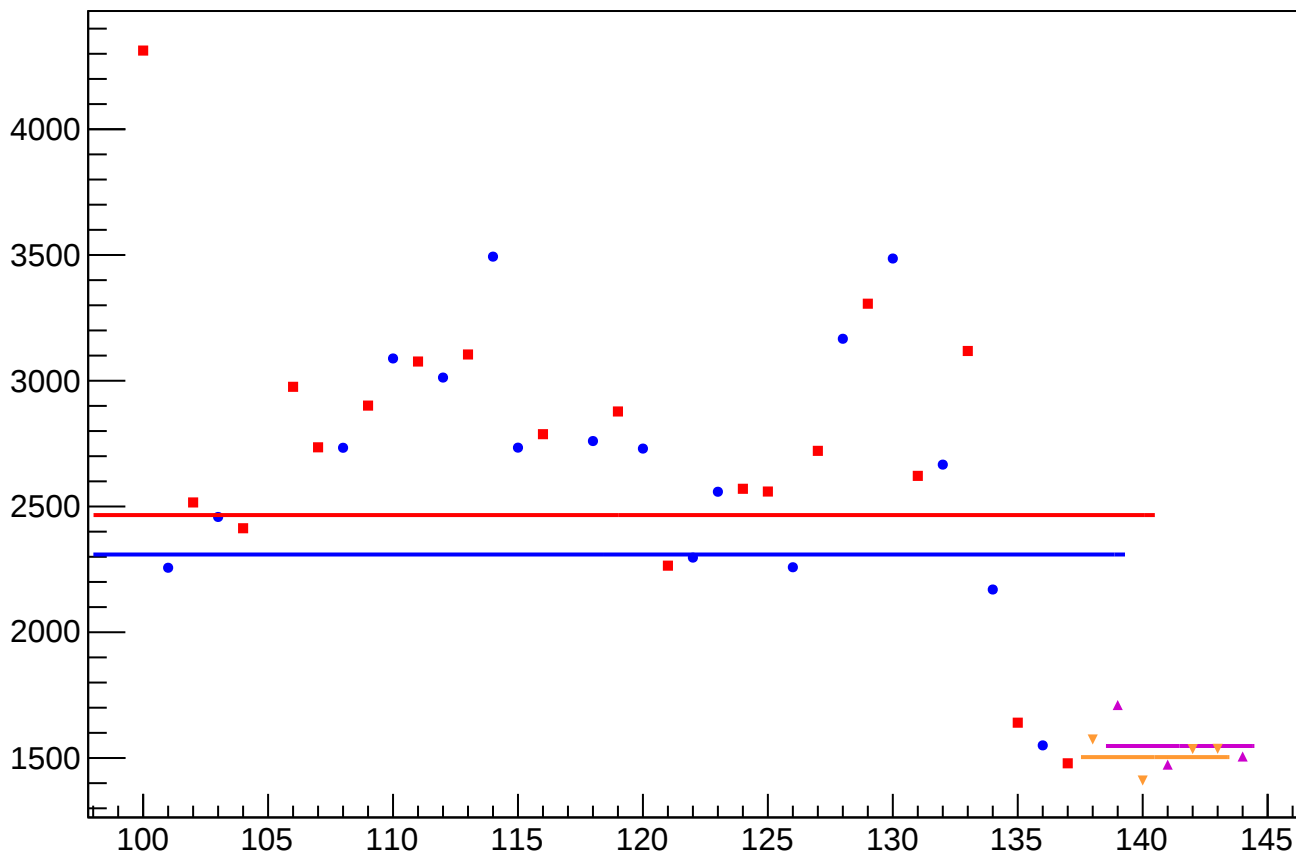
Right: -727.416+/-660.424 χ^2/NDF : 34.8/35

In: -1333.234+/-672.096 χ^2/NDF : 19.7/19

Out: -48.233+/-657.406 χ^2/NDF : 23.8/22

All: -676.537+/-469.964 χ^2/NDF : 45.4/42

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1503.579+/-0.646 χ^2/NDF : 10855.5/3

Right Out: 2465.900+/-0.670 χ^2/NDF : 694086.3/18

Left In: 1547.746+/-0.695 χ^2/NDF : 20010.8/2

Left: 1524.033+/-0.473 χ^2/NDF : 33034.2/6

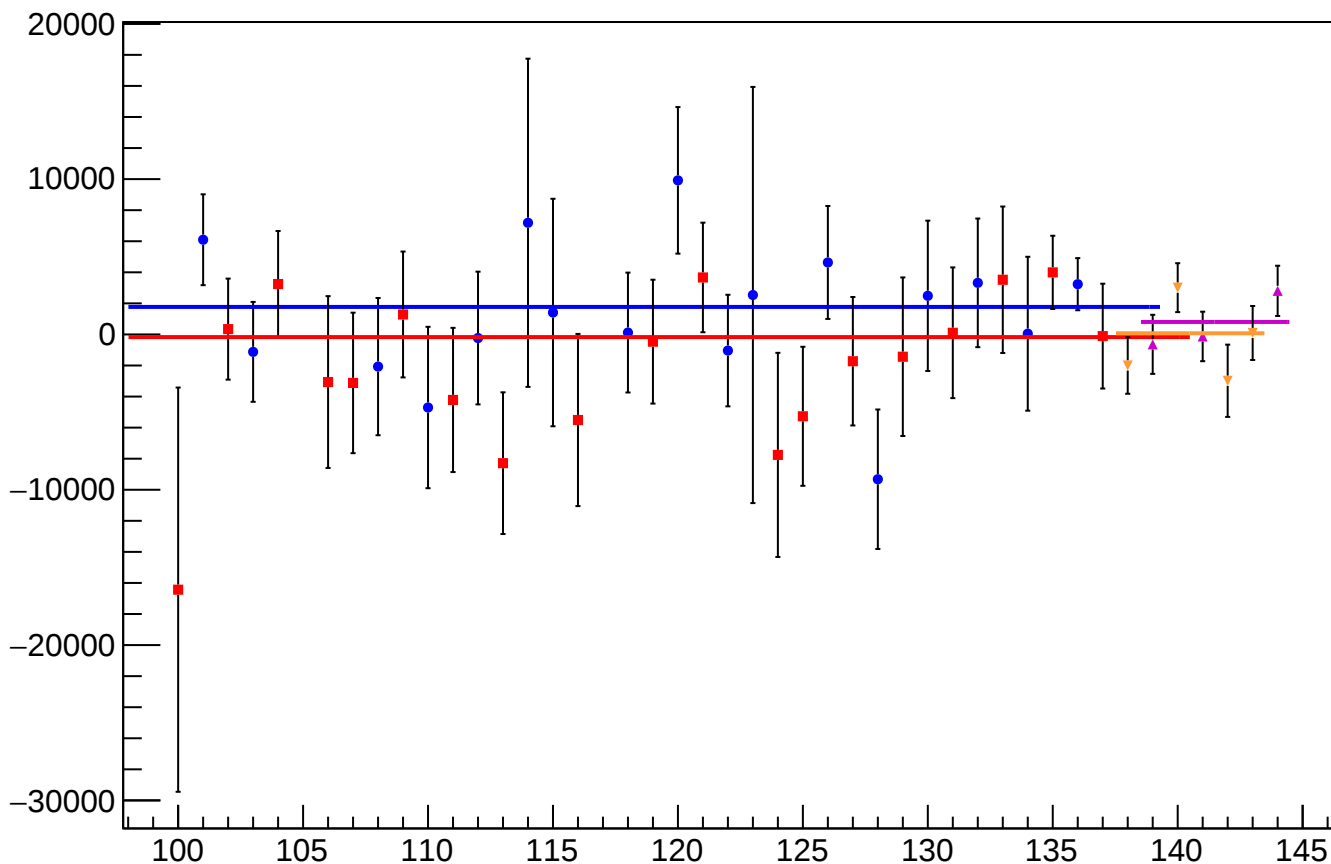
Right: 2385.298+/-0.467 χ^2/NDF : 1522965.3/35

In: 1953.169+/-0.475 χ^2/NDF : 1459708.7/19

Out: 1966.862+/-0.465 χ^2/NDF : 1774839.4/22

All: 1960.167+/-0.332 χ^2/NDF : 3234972.4/42

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 75.031+/-905.127 χ^2/NDF : 6.5/3

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 803.556+/-974.680 χ^2/NDF : 2.5/2

Left: 412.375+/-663.248 χ^2/NDF : 9.3/6

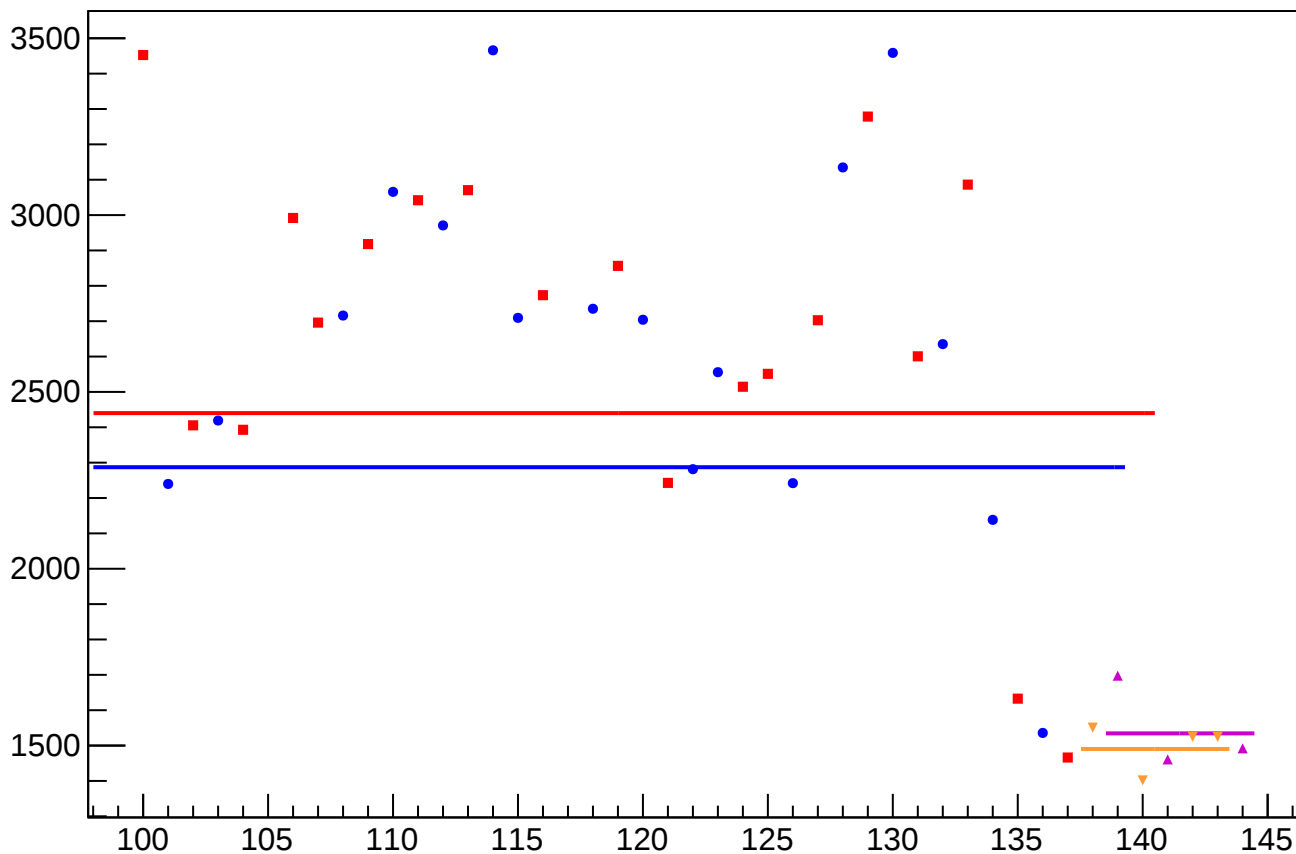
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 1319.359+/-666.066 χ^2/NDF : 20.3/19

Out: -43.628+/-651.135 χ^2/NDF : 22.6/22

All: 622.418+/-465.611 χ^2/NDF : 45.0/42

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1490.378 $\pm$ 0.640 χ^2 /NDF: 9769.8/3

Right Out: 2440.067 $\pm$ 0.663 χ^2 /NDF: 679108.5/18

Left In: 1534.499 $\pm$ 0.689 χ^2 /NDF: 20343.3/2

Left: 1510.808 $\pm$ 0.469 χ^2 /NDF: 32313.6/6

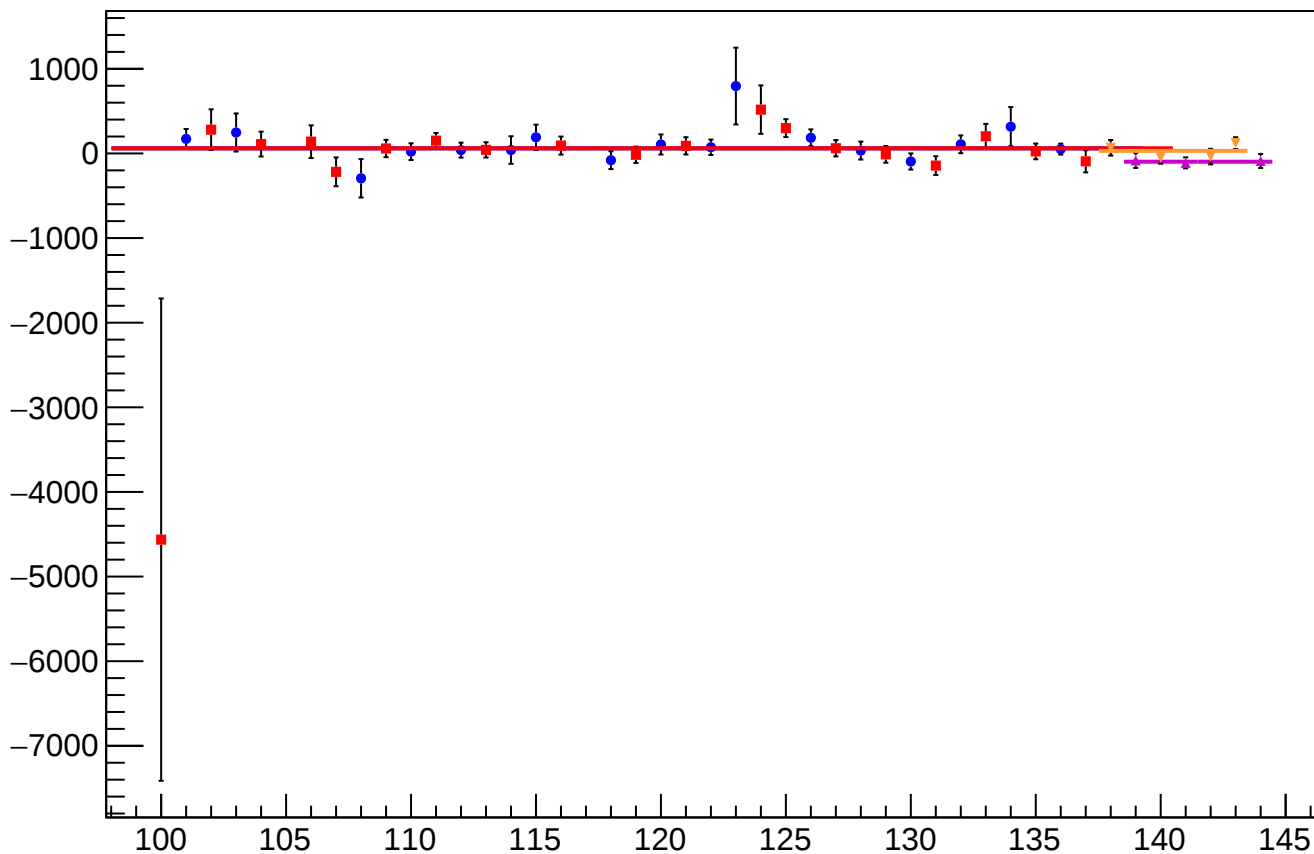
Right: 2361.511 $\pm$ 0.462 χ^2 /NDF: 1505856.7/35

In: 1935.642 $\pm$ 0.471 χ^2 /NDF: 1455321.8/19

Out: 1948.588 $\pm$ 0.460 χ^2 /NDF: 1751202.2/22

All: 1942.261 $\pm$ 0.329 χ^2 /NDF: 3206910.4/42

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: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -97.527 $\pm$ 44.287 χ^2 /NDF:0.1/2

Left: -27.000 $\pm$ 29.639 χ^2 /NDF: 8.2/6

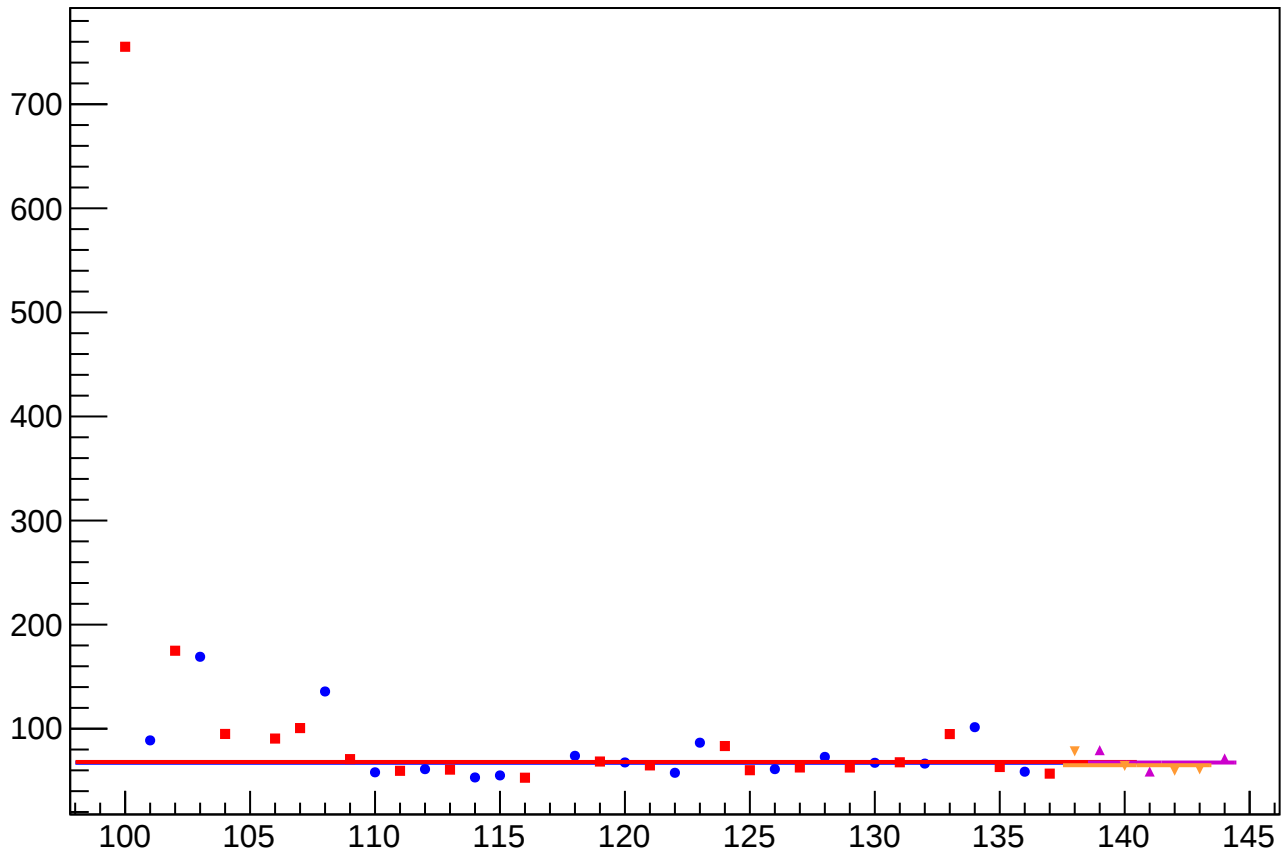
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: 16.881 $\pm$ 23.103 χ^2 /NDF:24.6/19

Out: 51.313 $\pm$ 22.365 χ^2 /NDF:26.3/22

All: 34.656 $\pm$ 16.069 χ^2 /NDF: 52.0/42

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 64.929 $\pm$ 0.028 χ^2 /NDF: 55465.9/3

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 67.509 $\pm$ 0.031 χ^2 /NDF: 75690.8/2

Left: 66.085 $\pm$ 0.021 χ^2 /NDF: 134902.6/6

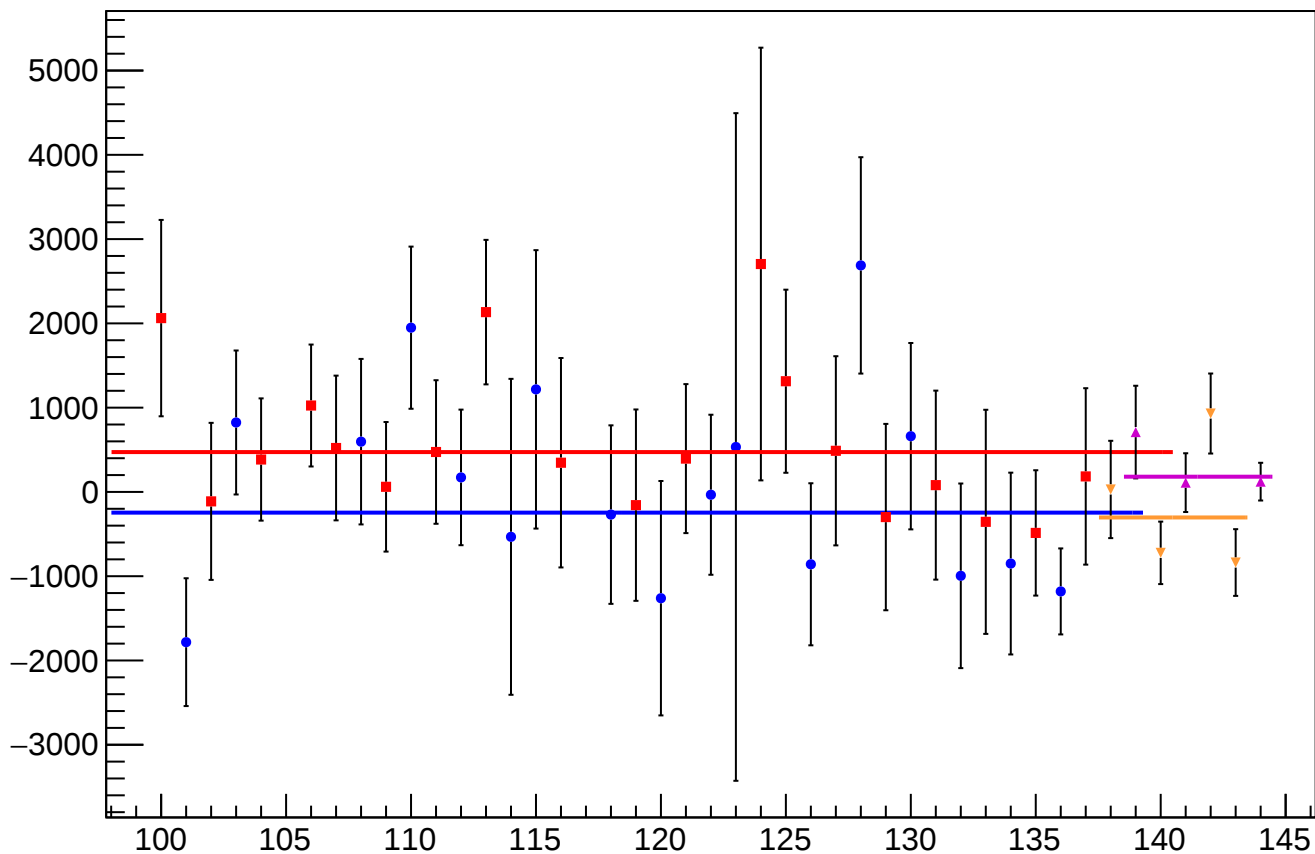
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 67.355 $\pm$ 0.016 χ^2 /NDF: 917076.3/19

Out: 67.076 $\pm$ 0.016 χ^2 /NDF: 934528.0/22

All: 67.211 $\pm$ 0.011 χ^2 /NDF: 1851754.6/42

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -302.958+/-217.703 χ^2/NDF : 10.2/3

Right Out: 472.860+/-218.823 χ^2/NDF : 11.3/18

Left In: 180.717+/-178.172 χ^2/NDF : 1.0/2

Left: -13.299+/-137.882 χ^2/NDF : 14.2/6

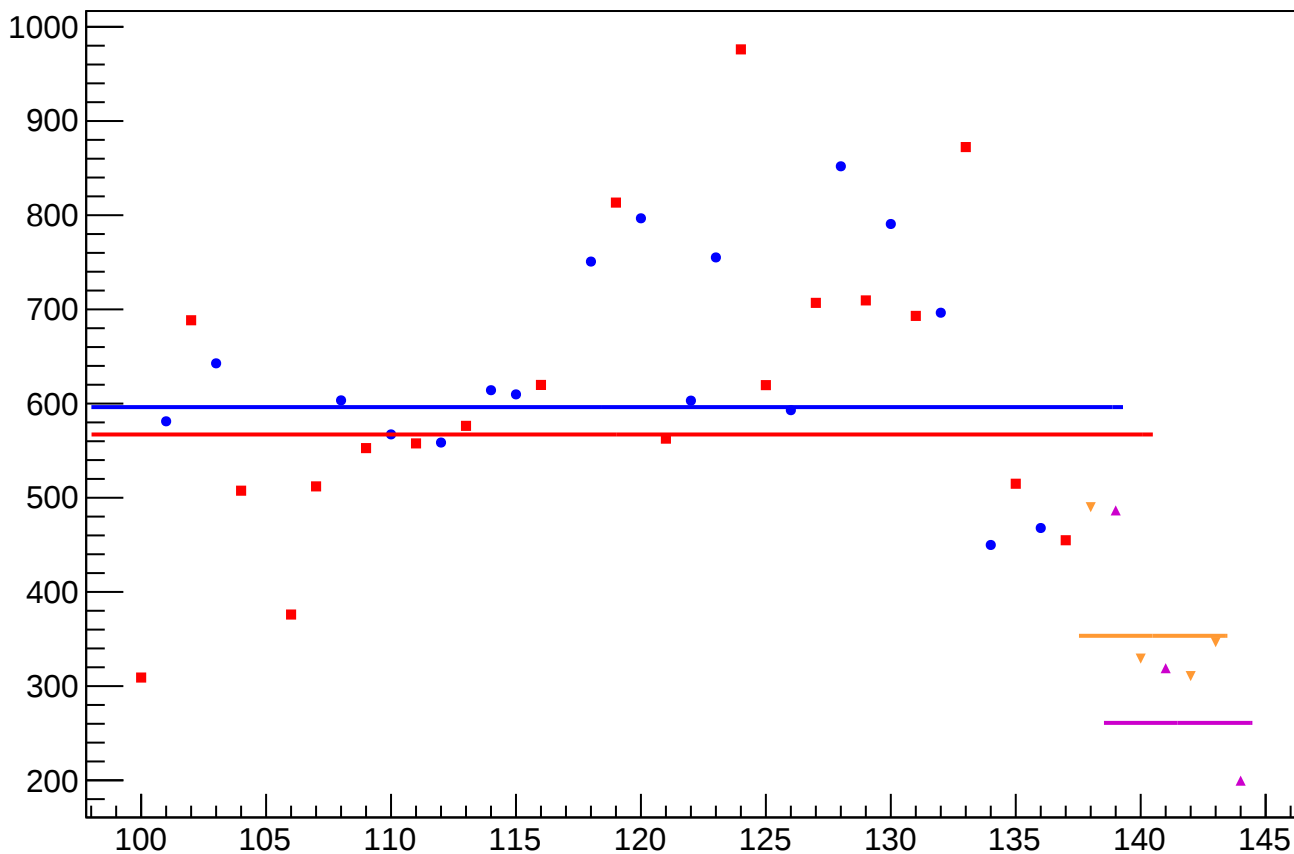
Right: 139.807+/-160.273 χ^2/NDF : 40.1/35

In: 25.434+/-142.067 χ^2/NDF : 26.9/19

Out: 82.960+/-154.334 χ^2/NDF : 27.8/22

All: 51.820+/-104.525 χ^2/NDF : 54.8/42

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 353.420 $\pm$ 0.154 χ^2 /NDF:137247.4/3

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 260.957 $\pm$ 0.126 χ^2 /NDF:542661.1/2

Left: 298.046 $\pm$ 0.097 χ^2 /NDF: 895965.1/6

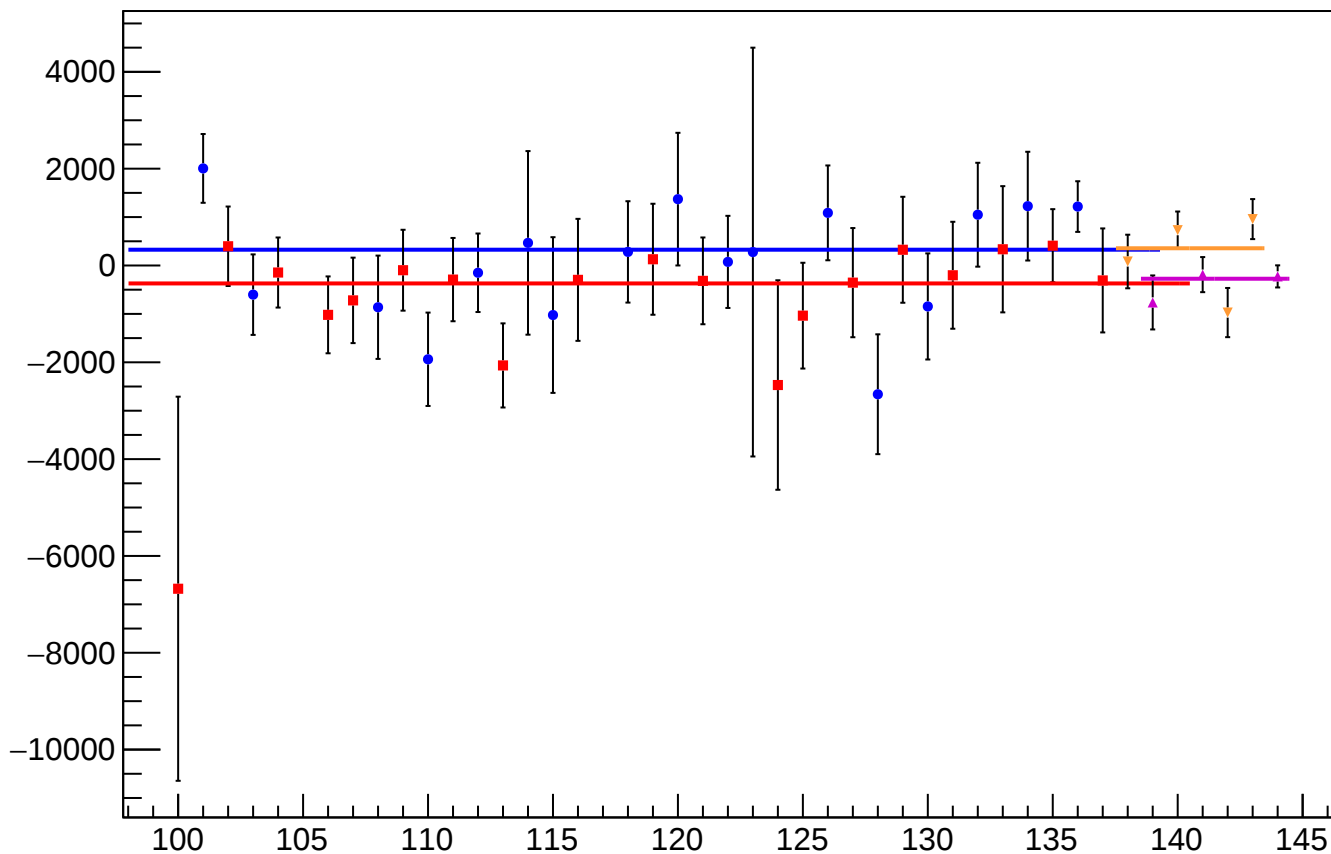
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 383.075 $\pm$ 0.100 χ^2 /NDF:3544393.4/19

Out: 459.750 $\pm$ 0.109 χ^2 /NDF:1771767.9/22

All: 418.245 $\pm$ 0.074 χ^2 /NDF: 5583377.3/42

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 355.794+/-225.211 χ^2/NDF :10.1/3

Right Out: -370.721+/-224.892 χ^2/NDF : 11.5/18

Left In: -273.684+/-182.607 χ^2/NDF :0.9/2

Left: -23.995+/-141.840 χ^2/NDF : 15.7/6

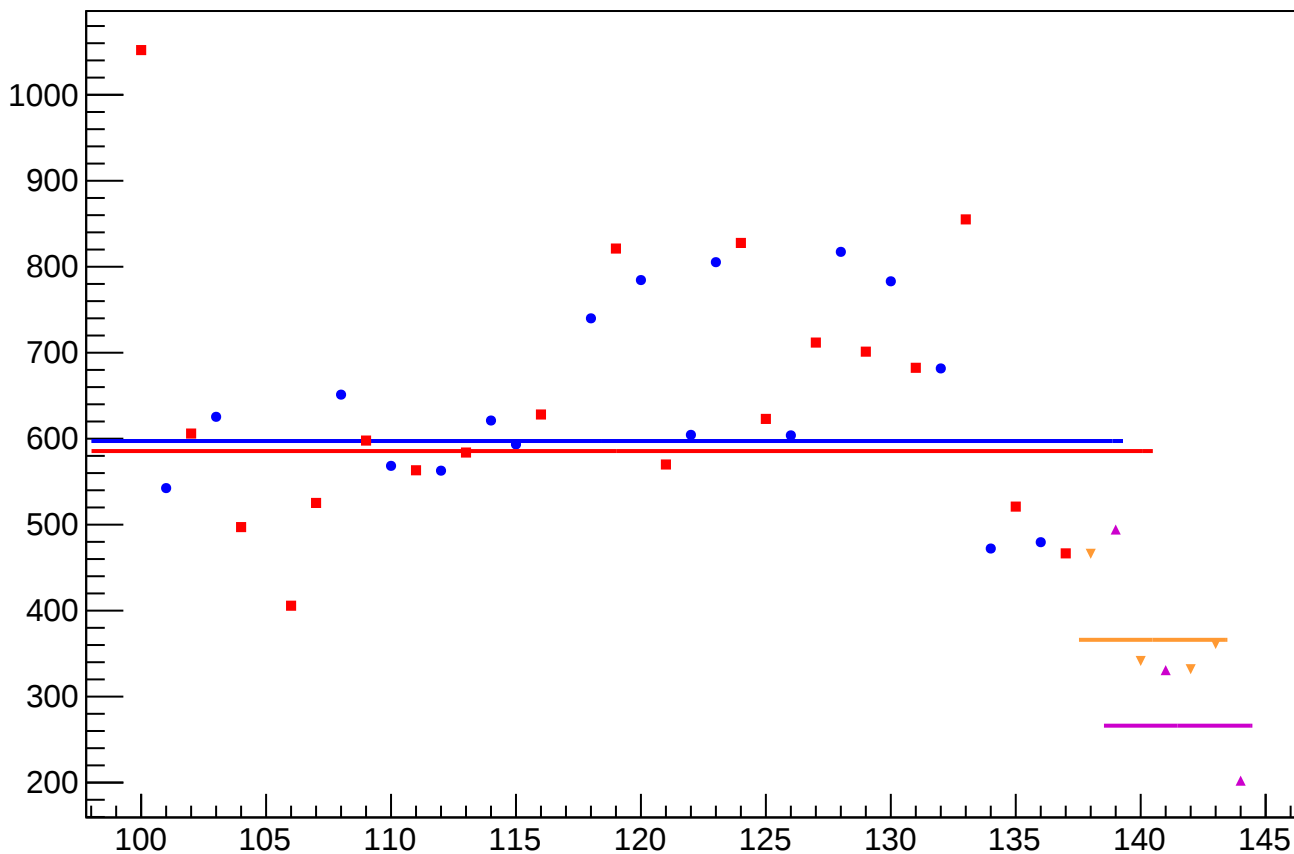
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: -48.600+/-144.330 χ^2/NDF :31.8/19

Out: -7.979+/-159.136 χ^2/NDF :26.9/22

All: -30.266+/-106.909 χ^2/NDF : 58.7/42

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 366.053 $\pm$ 0.159 χ^2 /NDF:82851.9/3

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 266.184 $\pm$ 0.129 χ^2 /NDF:554935.3/2

Left: 305.798 $\pm$ 0.100 χ^2 /NDF: 875076.3/6

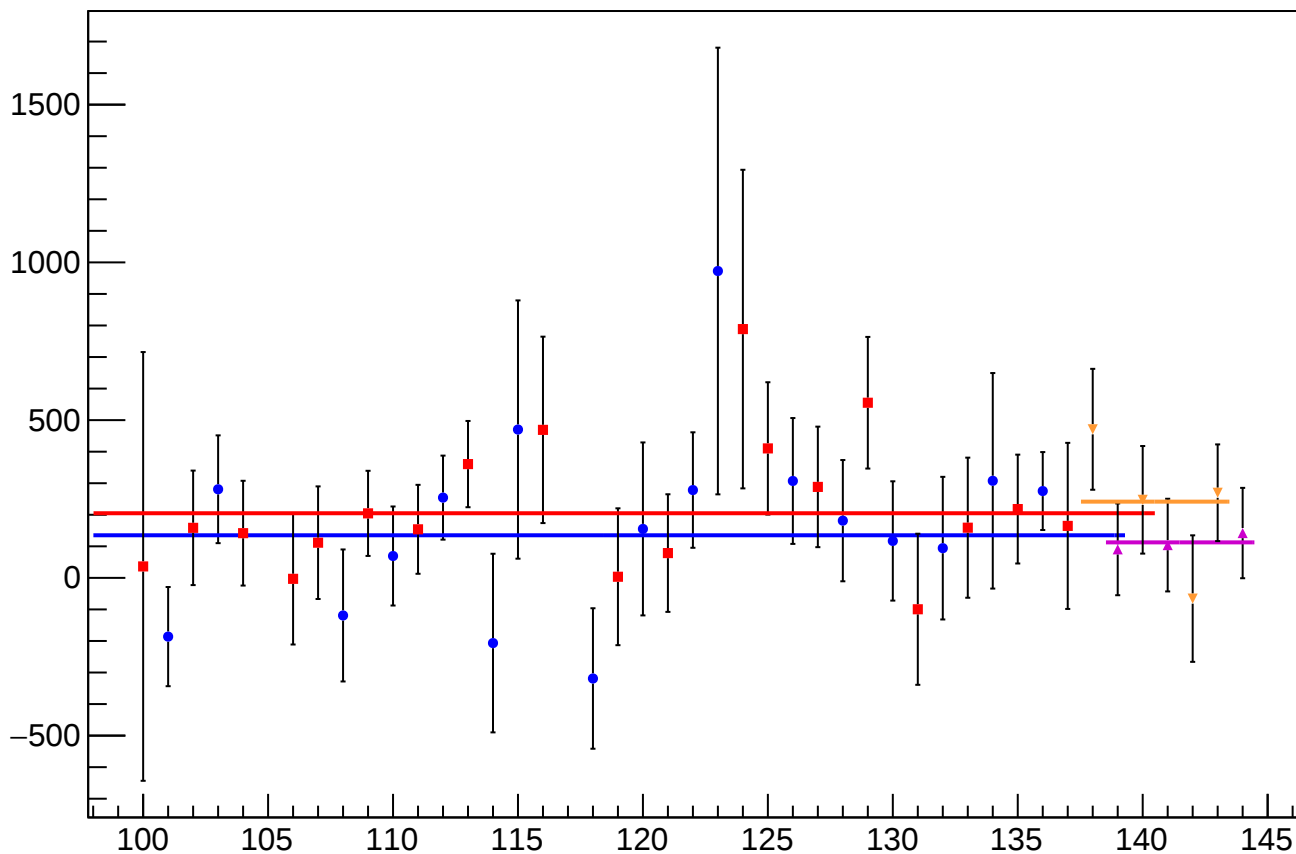
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 390.448 $\pm$ 0.102 χ^2 /NDF:3386428.8/19

Out: 475.990 $\pm$ 0.113 χ^2 /NDF:1509270.8/22

All: 429.055 $\pm$ 0.076 χ^2 /NDF: 5212782.3/42

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 241.653 $\pm$ 88.012 χ^2 /NDF:3.8/3

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 112.514 $\pm$ 83.812 χ^2 /NDF:0.1/2

Left: 173.928 $\pm$ 60.695 χ^2 /NDF: 5.0/6

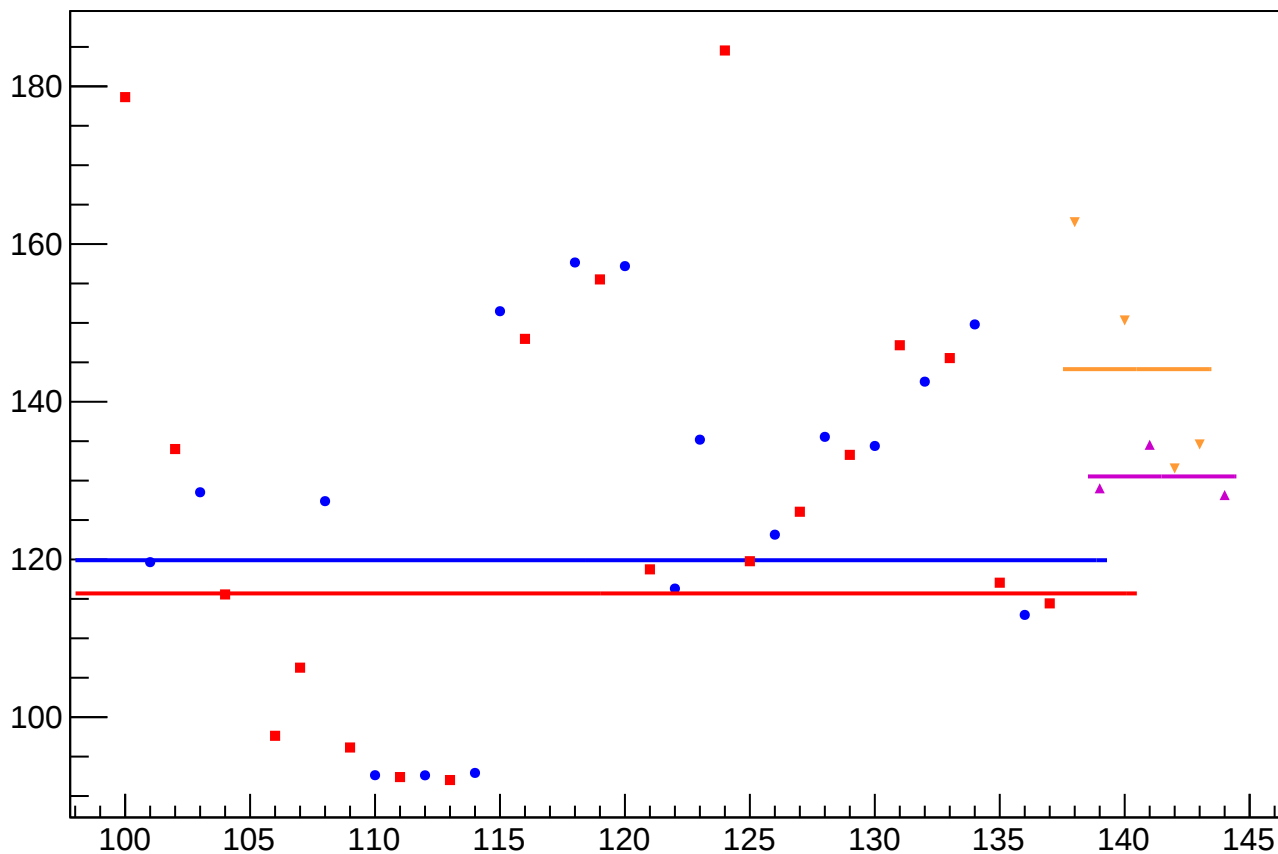
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 129.638 $\pm$ 41.010 χ^2 /NDF:18.2/19

Out: 212.340 $\pm$ 39.670 χ^2 /NDF:16.0/22

All: 172.362 $\pm$ 28.513 χ^2 /NDF: 36.3/42

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 144.136 $\pm$ 0.062 χ^2 /NDF: 37188.3/3

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 130.530 $\pm$ 0.059 χ^2 /NDF: 2251.4/2

Left: 137.001 $\pm$ 0.043 χ^2 /NDF: 64505.0/6

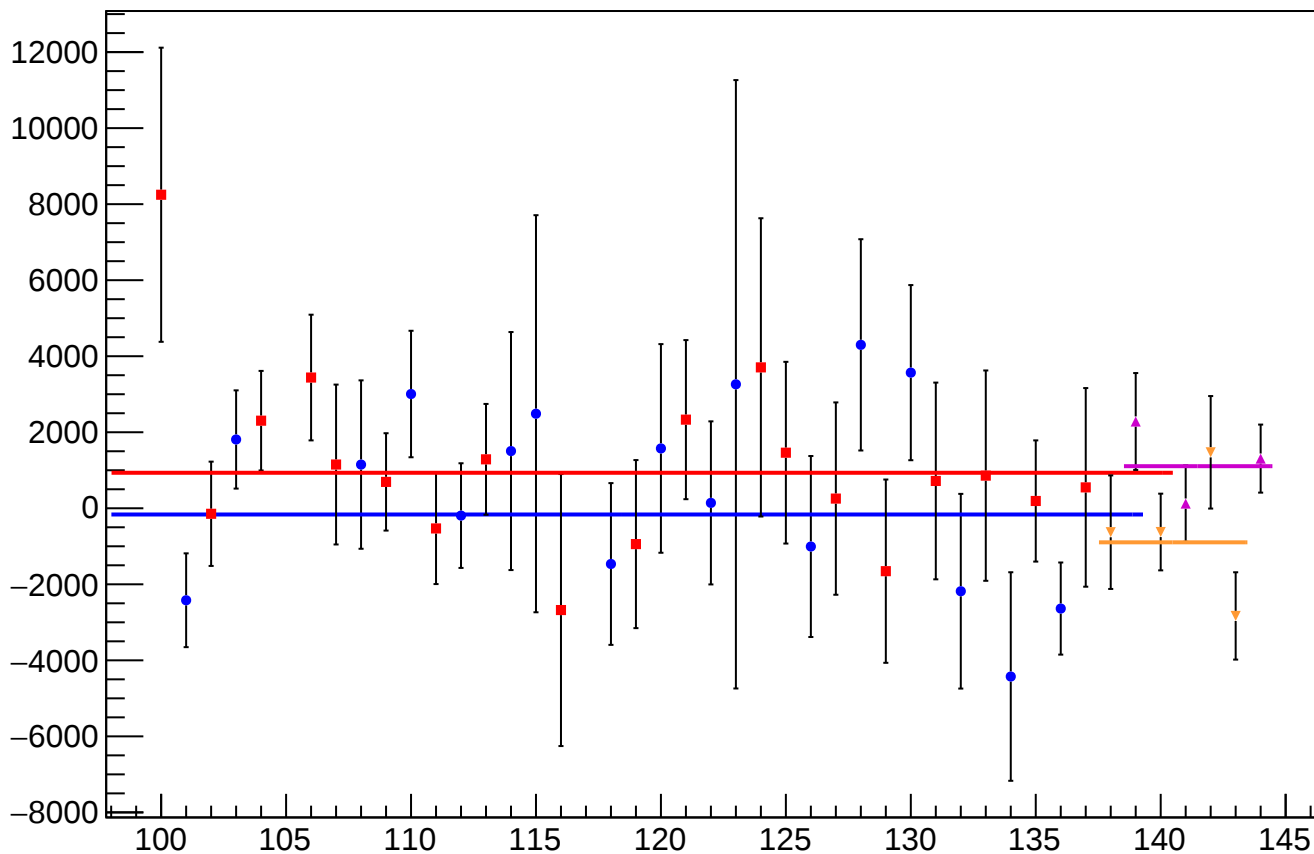
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 122.448 $\pm$ 0.029 χ^2 /NDF: 372217.5/19

Out: 121.471 $\pm$ 0.028 χ^2 /NDF: 638973.4/22

All: 121.943 $\pm$ 0.020 χ^2 /NDF: 1011777.0/42

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -895.873+/-614.789 χ^2/NDF : 5.5/3

Right Out: 933.992+/-437.648 χ^2/NDF : 12.9/18

Left In: 1107.181+/-592.016 χ^2/NDF : 1.9/2

Left: 143.439+/-426.442 χ^2/NDF : 12.9/6

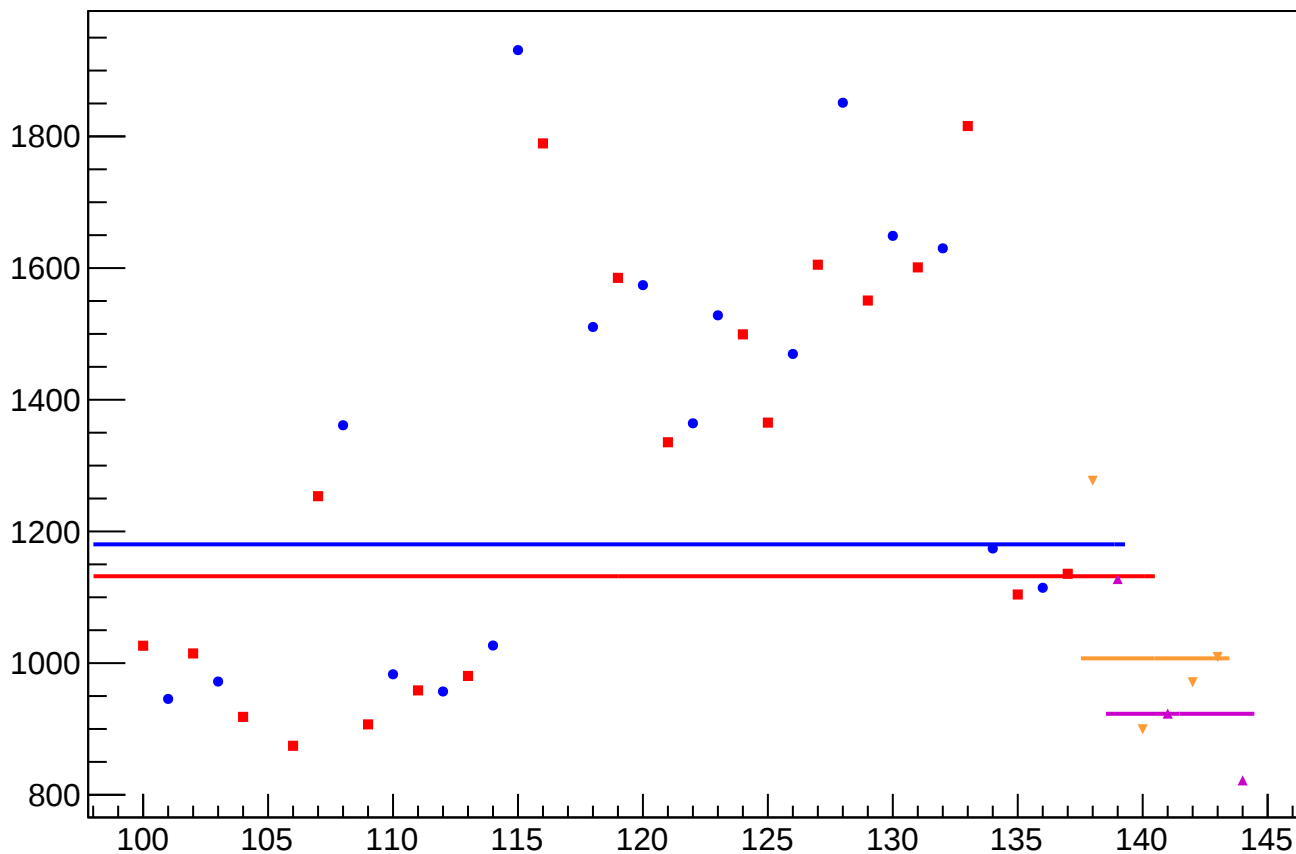
Right: 423.822+/-320.162 χ^2/NDF : 39.5/35

In: 327.206+/-367.905 χ^2/NDF : 28.4/19

Out: 318.567+/-356.536 χ^2/NDF : 24.3/22

All: 322.751+/-256.034 χ^2/NDF : 52.7/42

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: 1131.979 $\pm$ 0.309 χ^2/NDF : 761904.0/18

Left In: 923.066 $\pm$ 0.419 χ^2/NDF : 77119.5/2

Left: 963.564 $\pm$ 0.302 χ^2/NDF : 185863.6/6

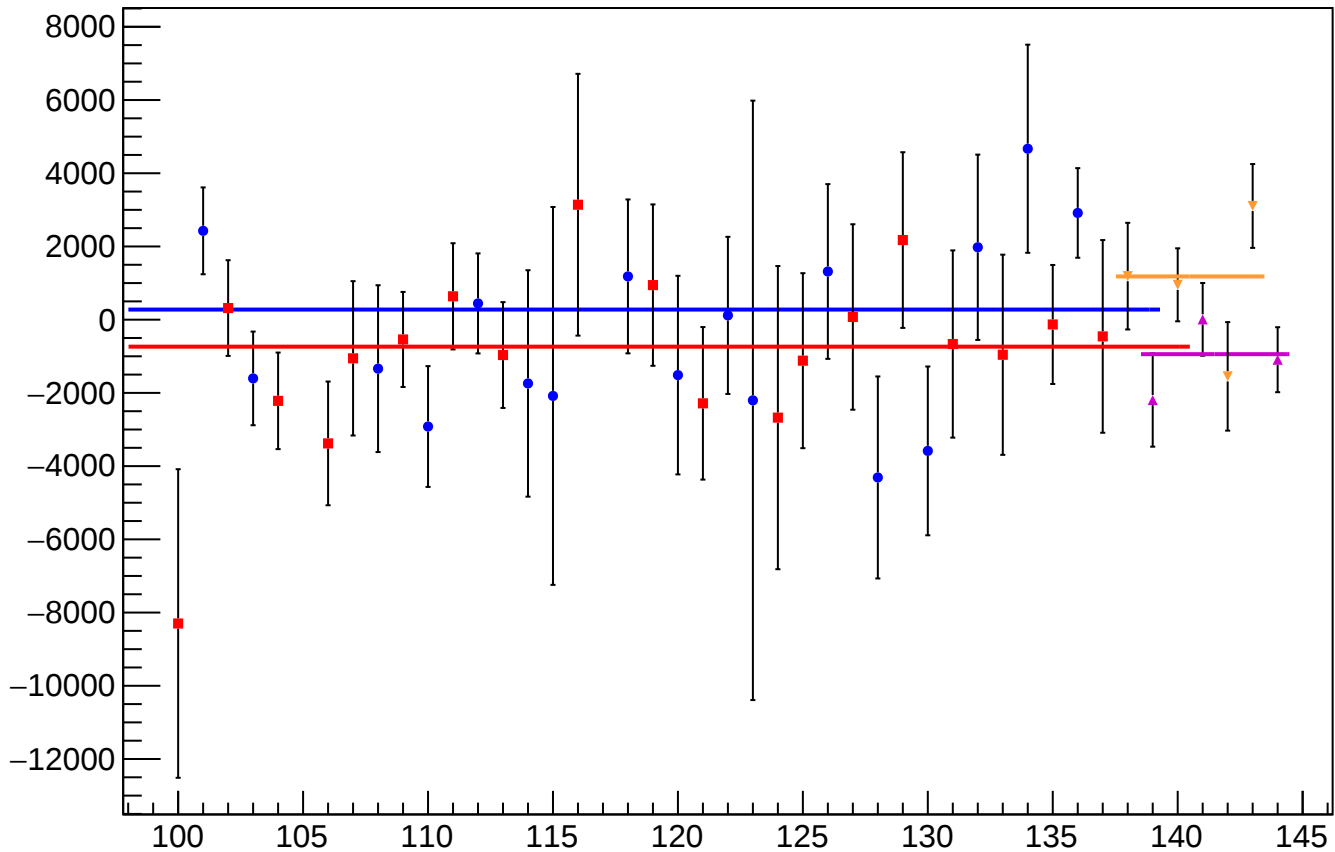
Right: 1154.488 $\pm$ 0.226 χ^2/NDF : 1442131.1/35

In: 1081.021 $\pm$ 0.260 χ^2/NDF : 977917.9/19

Out: 1090.025 $\pm$ 0.252 χ^2/NDF : 905842.3/22

All: 1085.664 $\pm$ 0.181 χ^2/NDF : 1884378.0/42

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1181.124+/-609.166 χ^2/NDF : 6.3/3

Right Out: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: -941.951+/-587.260 χ^2/NDF : 1.9/2

Left: 80.726+/-422.788 χ^2/NDF : 14.5/6

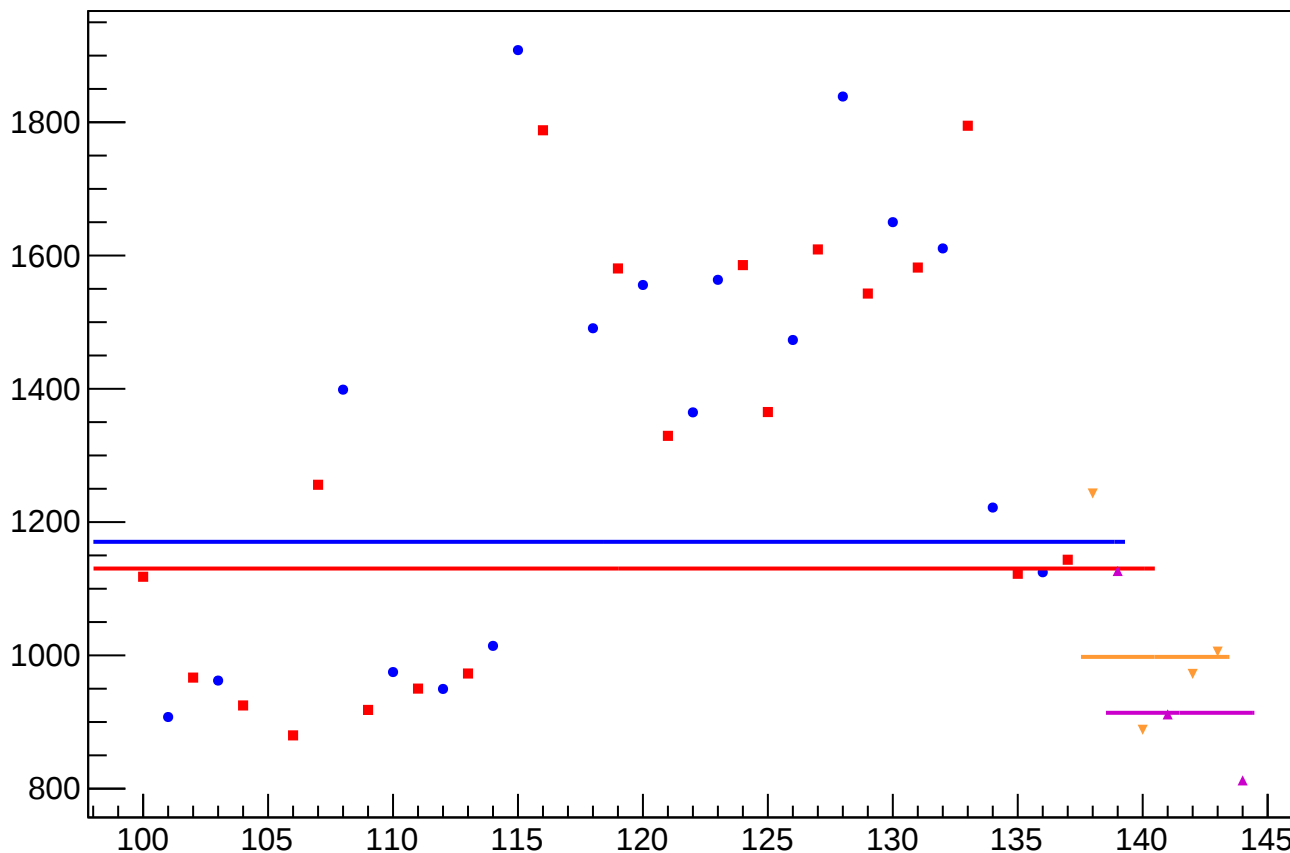
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: -194.857+/-365.240 χ^2/NDF : 28.9/19

Out: -84.229+/-355.323 χ^2/NDF : 25.6/22

All: -138.021+/-254.685 χ^2/NDF : 54.6/42

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 997.724 $\pm$ 0.431 χ^2/NDF : 81413.7/3

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 913.832 $\pm$ 0.415 χ^2/NDF : 81928.5/2

Left: 954.242 $\pm$ 0.299 χ^2/NDF : 183001.9/6

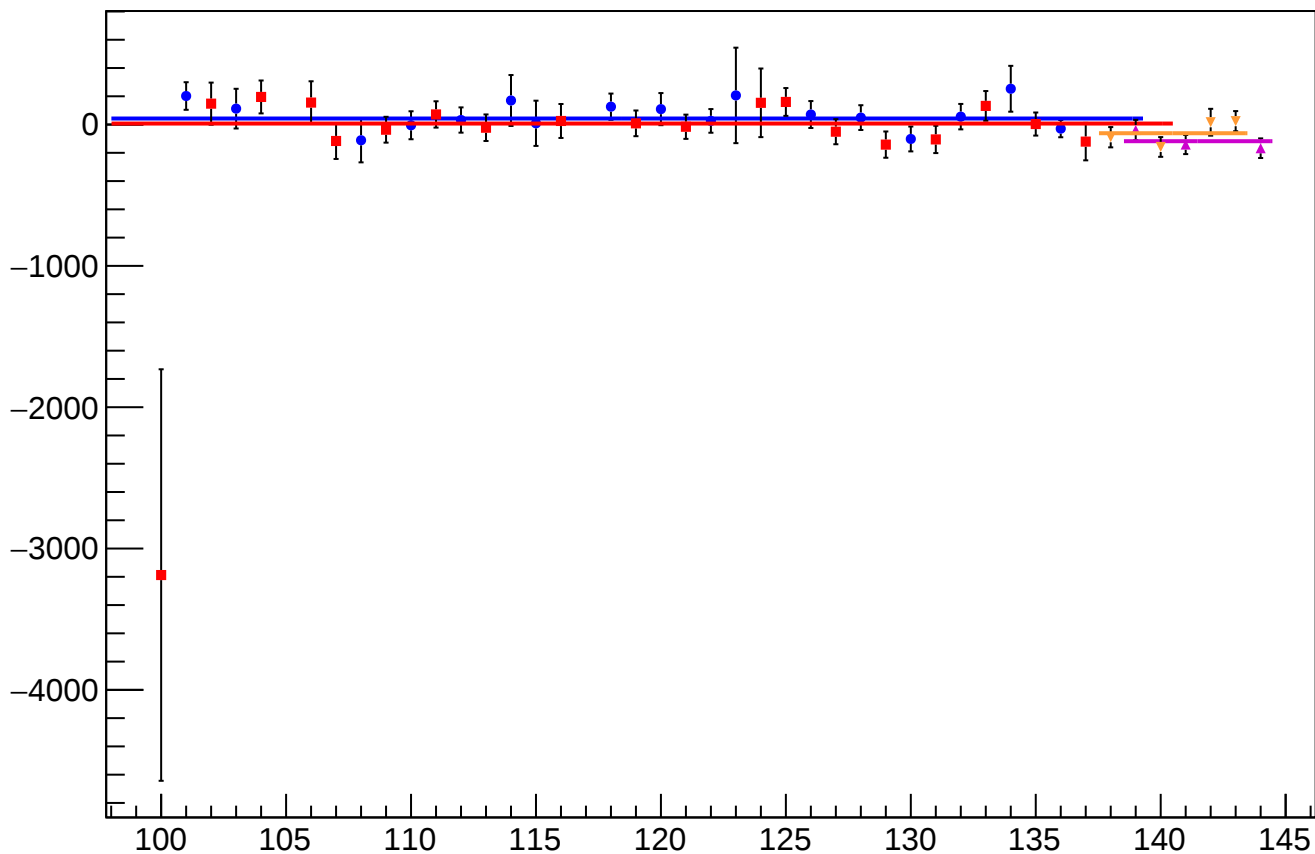
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1071.160 $\pm$ 0.258 χ^2/NDF : 1021505.9/19

Out: 1085.208 $\pm$ 0.251 χ^2/NDF : 906979.5/22

All: 1078.377 $\pm$ 0.180 χ^2/NDF : 1930005.6/42

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -61.372 ± 37.575 $\chi^2/\text{NDF}: 4.2/3$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -117.792 ± 40.110 $\chi^2/\text{NDF}: 1.9/2$

Left: -87.744 ± 27.422 $\chi^2/\text{NDF}: 7.1/6$

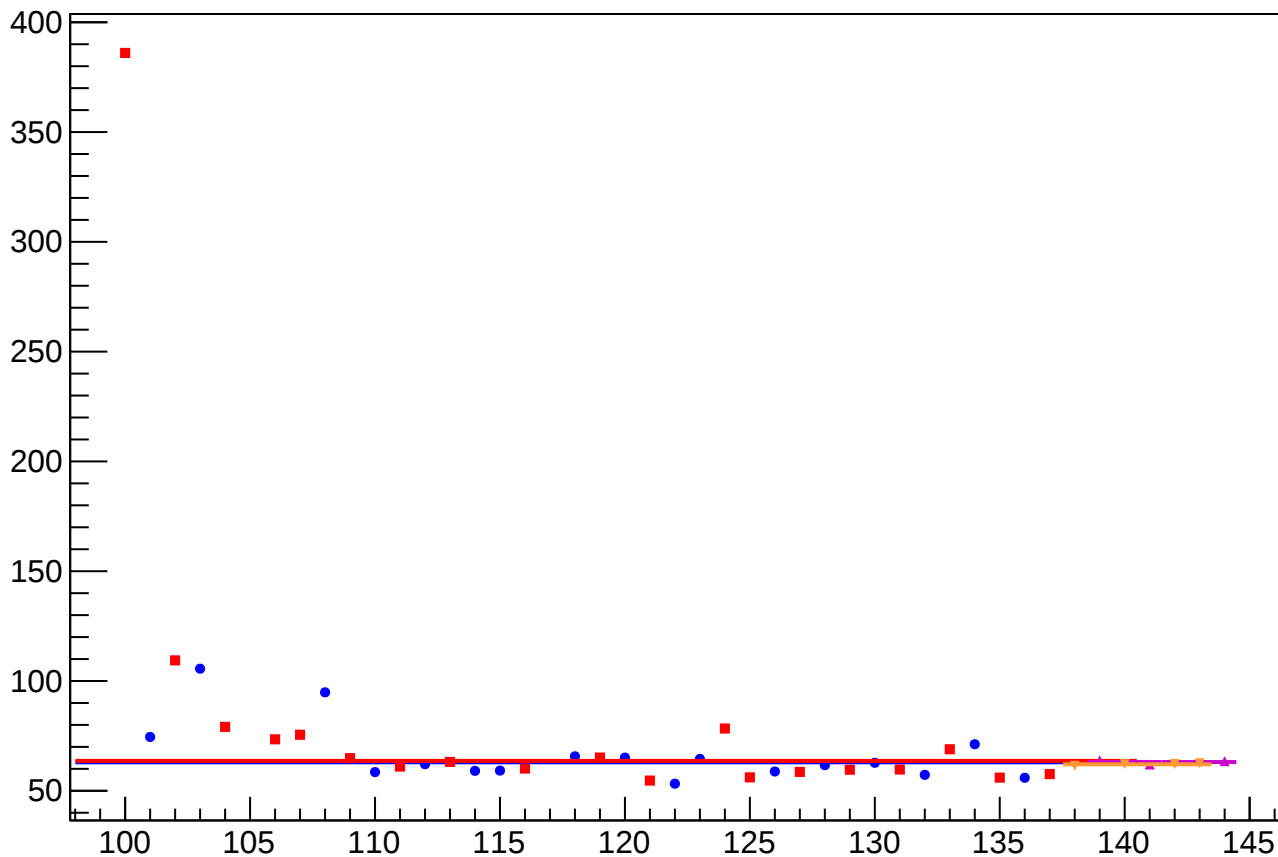
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -1.449 ± 21.032 $\chi^2/\text{NDF}: 25.4/19$

Out: -13.320 ± 20.516 $\chi^2/\text{NDF}: 27.1/22$

All: -7.532 ± 14.686 $\chi^2/\text{NDF}: 52.7/42$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 62.048 $\pm$ 0.027 χ^2 /NDF: 262.7/3

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 63.096 $\pm$ 0.028 χ^2 /NDF: 819.3/2

Left: 62.538 $\pm$ 0.019 χ^2 /NDF: 1809.9/6

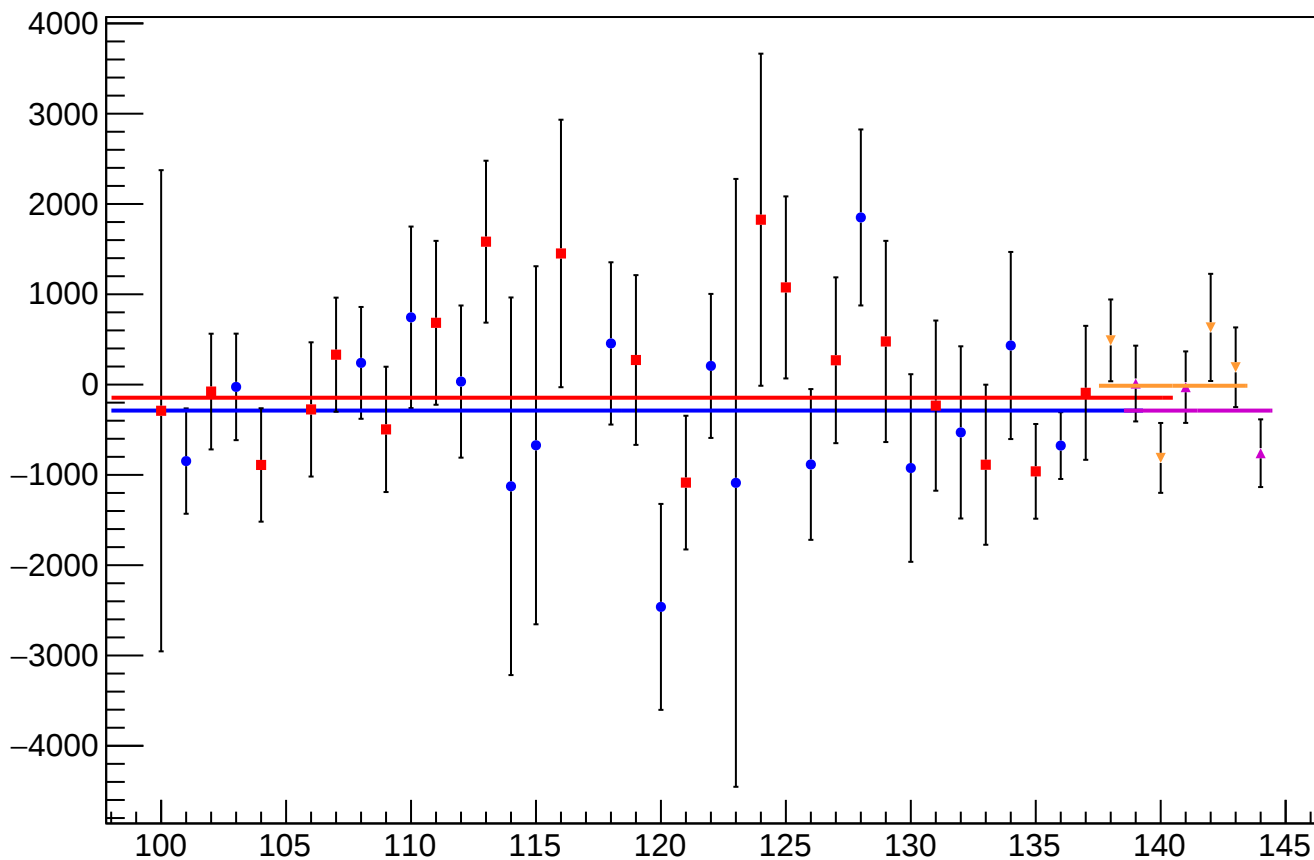
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.012 $\pm$ 0.015 χ^2 /NDF: 376094.8/19

Out: 63.147 $\pm$ 0.015 χ^2 /NDF: 436249.4/22

All: 63.081 $\pm$ 0.010 χ^2 /NDF: 812386.1/42

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -12.825 ± 226.304 $\chi^2/\text{NDF}: 6.9/3$

Right Out: -145.341 ± 187.312 $\chi^2/\text{NDF}: 16.1/18$

Left In: -287.923 ± 228.366 $\chi^2/\text{NDF}: 2.5/2$

Left: -149.126 ± 160.745 $\chi^2/\text{NDF}: 10.2/6$

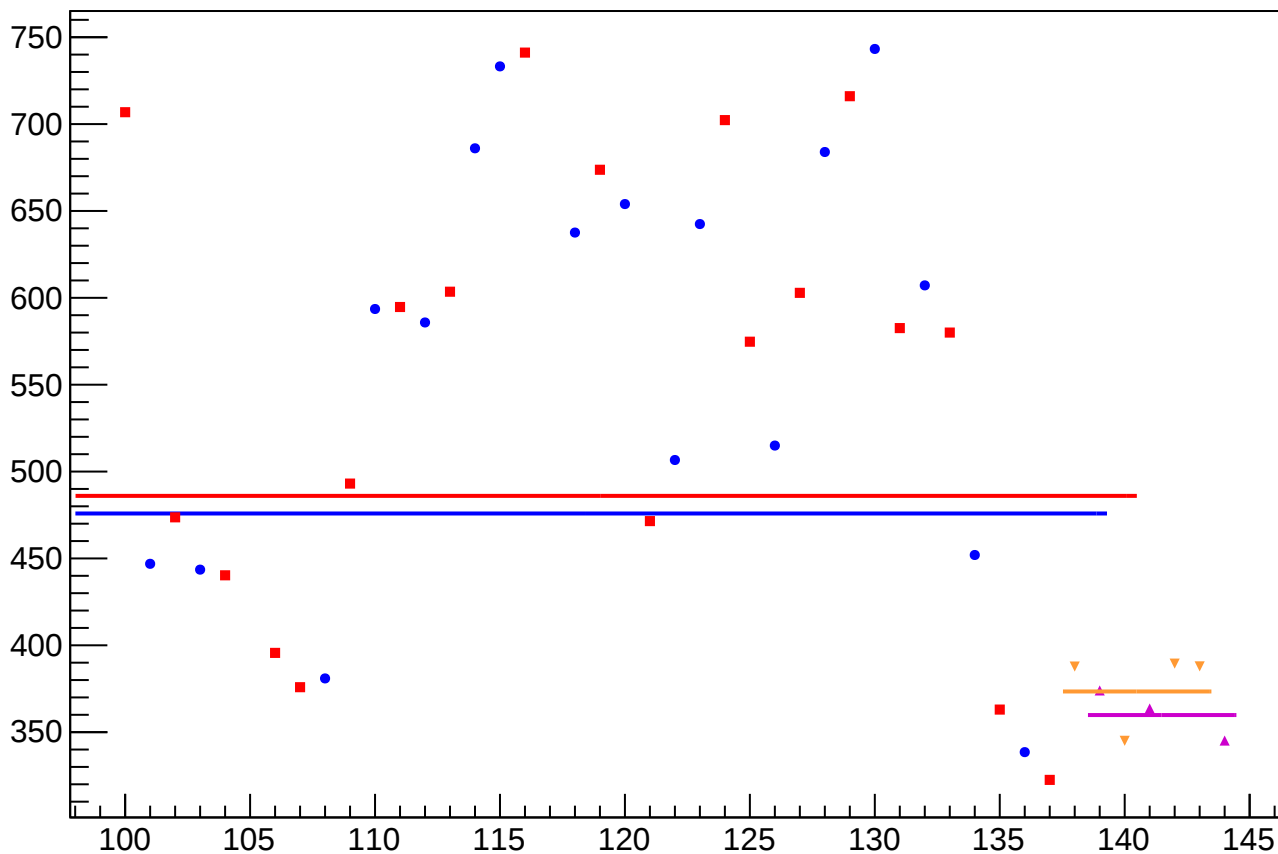
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -287.781 ± 146.007 $\chi^2/\text{NDF}: 17.9/19$

Out: -91.465 ± 144.296 $\chi^2/\text{NDF}: 23.2/22$

All: -188.466 ± 102.632 $\chi^2/\text{NDF}: 42.0/42$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 373.427+/-0.160 χ^2/NDF : 16377.1/3

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 359.860+/-0.161 χ^2/NDF : 5528.0/2

Left: 366.705+/-0.114 χ^2/NDF : 25466.5/6

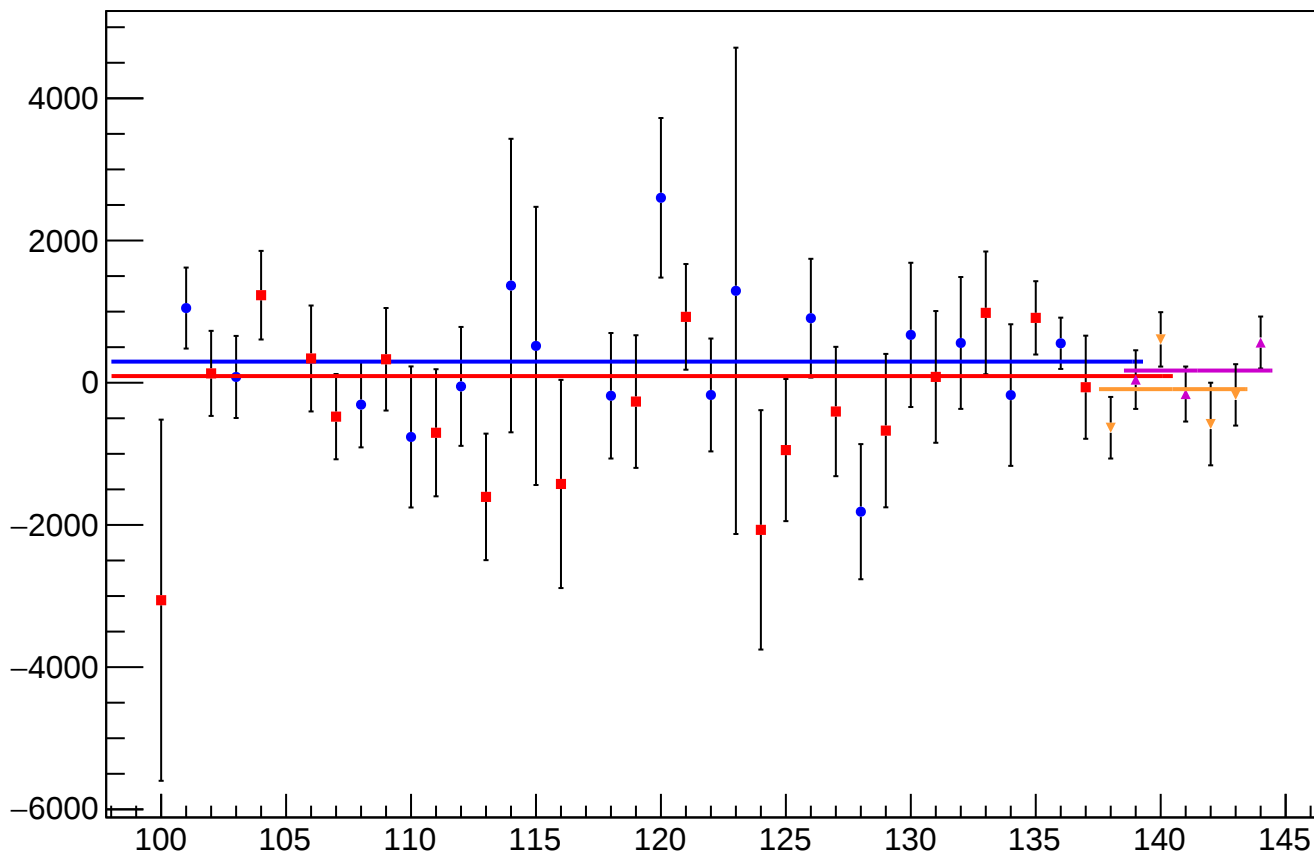
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 428.448+/-0.103 χ^2/NDF : 1148489.4/19

Out: 440.238+/-0.102 χ^2/NDF : 1040250.1/22

All: 434.413+/-0.073 χ^2/NDF : 2195336.9/42

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: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 171.287 $\pm$ 223.357 χ^2 /NDF: 2.0/2

Left: 39.117 $\pm$ 157.069 χ^2 /NDF: 8.3/6

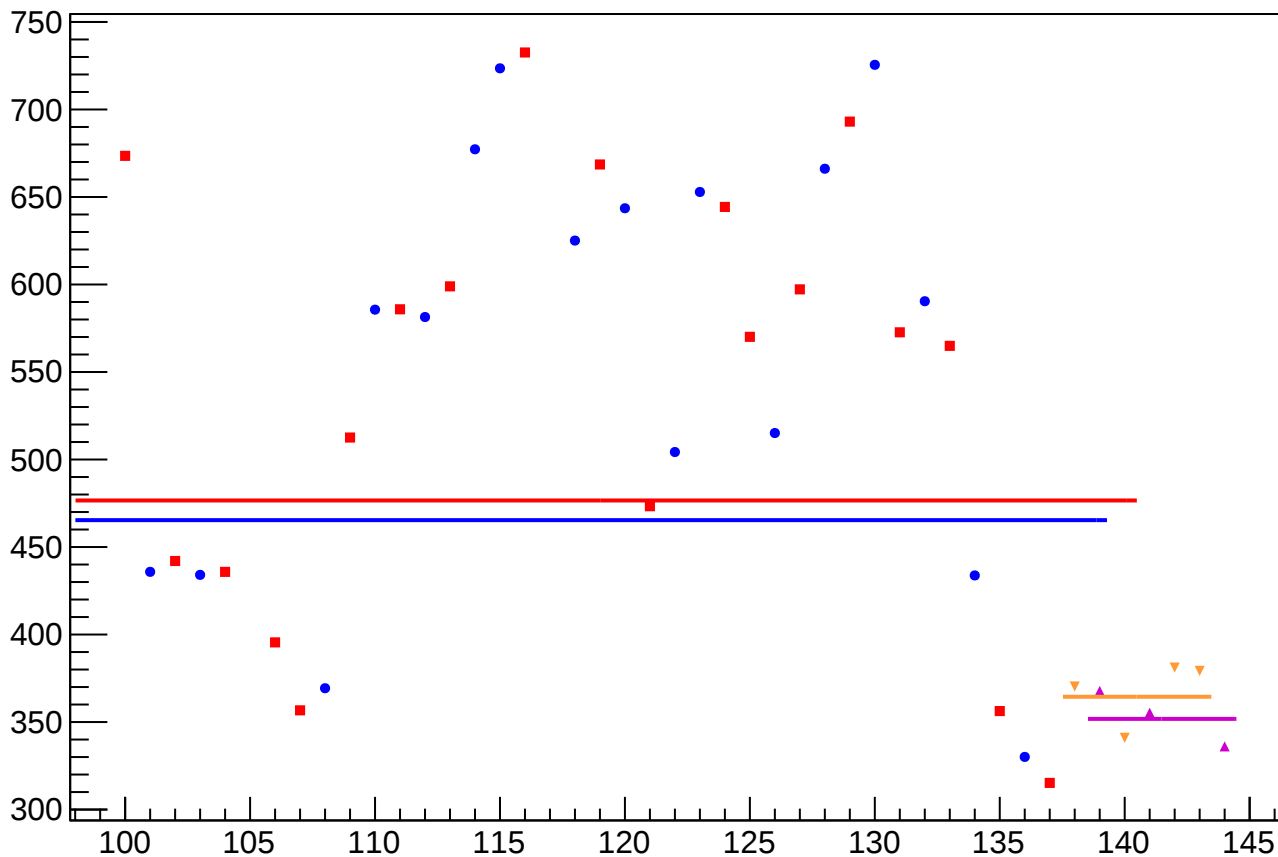
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 245.519 $\pm$ 142.919 χ^2 /NDF: 18.0/19

Out: 18.322 $\pm$ 141.347 χ^2 /NDF: 26.2/22

All: 130.664 $\pm$ 100.499 χ^2 /NDF: 45.5/42

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 ± 0.132 $\chi^2/\text{NDF}: 860420.4/16$

Left Out: 364.445 ± 0.156 $\chi^2/\text{NDF}: 11884.0/3$

Right Out: 476.597 ± 0.130 $\chi^2/\text{NDF}: 752936.0/18$

Left In: 351.799 ± 0.158 $\chi^2/\text{NDF}: 6871.5/2$

Left: 358.191 ± 0.111 $\chi^2/\text{NDF}: 21996.0/6$

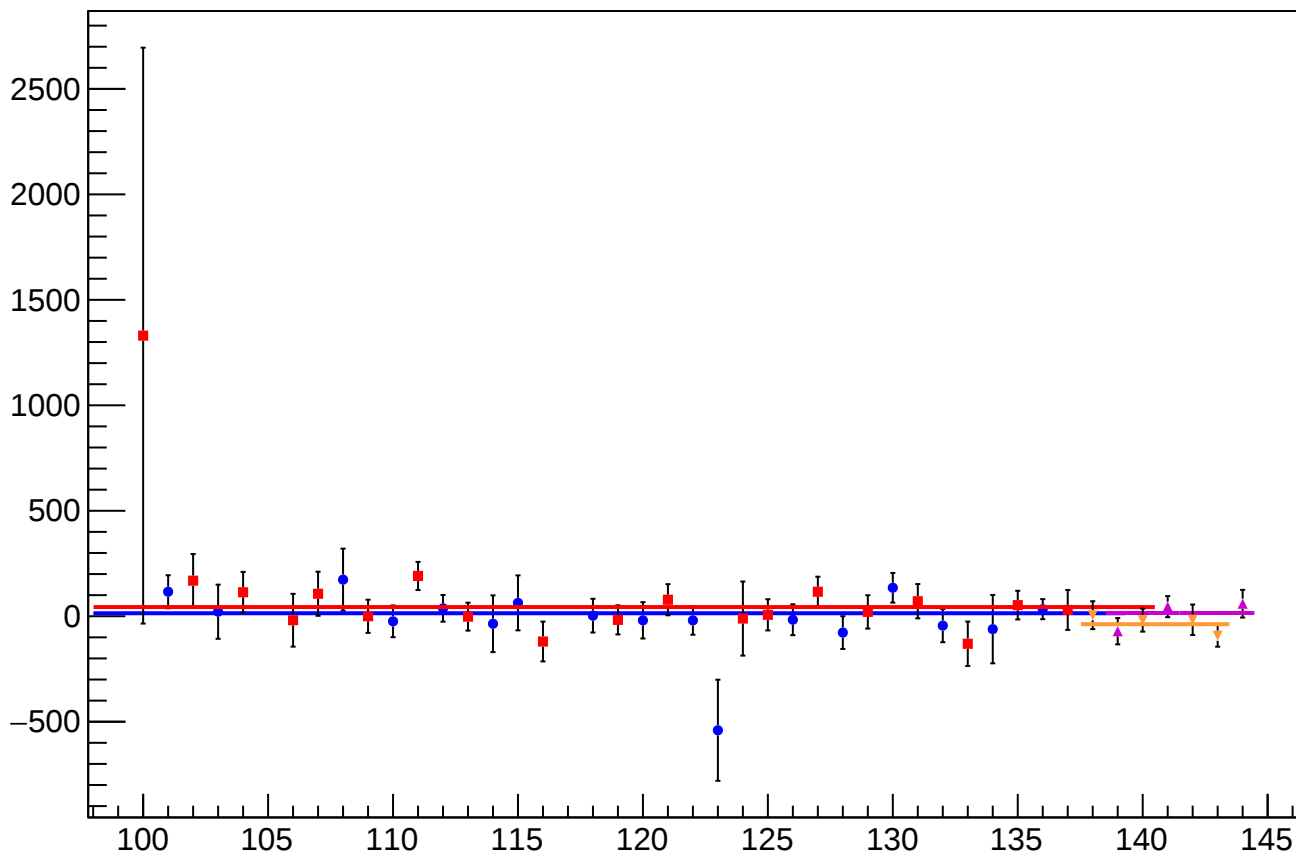
Right: 471.039 ± 0.092 $\chi^2/\text{NDF}: 1617050.9/35$

In: 418.862 ± 0.101 $\chi^2/\text{NDF}: 1172588.9/19$

Out: 430.688 ± 0.100 $\chi^2/\text{NDF}: 1069257.8/22$

All: 424.840 ± 0.071 $\chi^2/\text{NDF}: 2248769.2/42$

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -37.529+/-29.773 χ^2/NDF : 1.7/3

Right Out: 43.602+/-19.648 χ^2/NDF : 17.0/18

Left In: 15.412+/-33.540 χ^2/NDF : 2.7/2

Left: -14.198+/-22.266 χ^2/NDF : 5.9/6

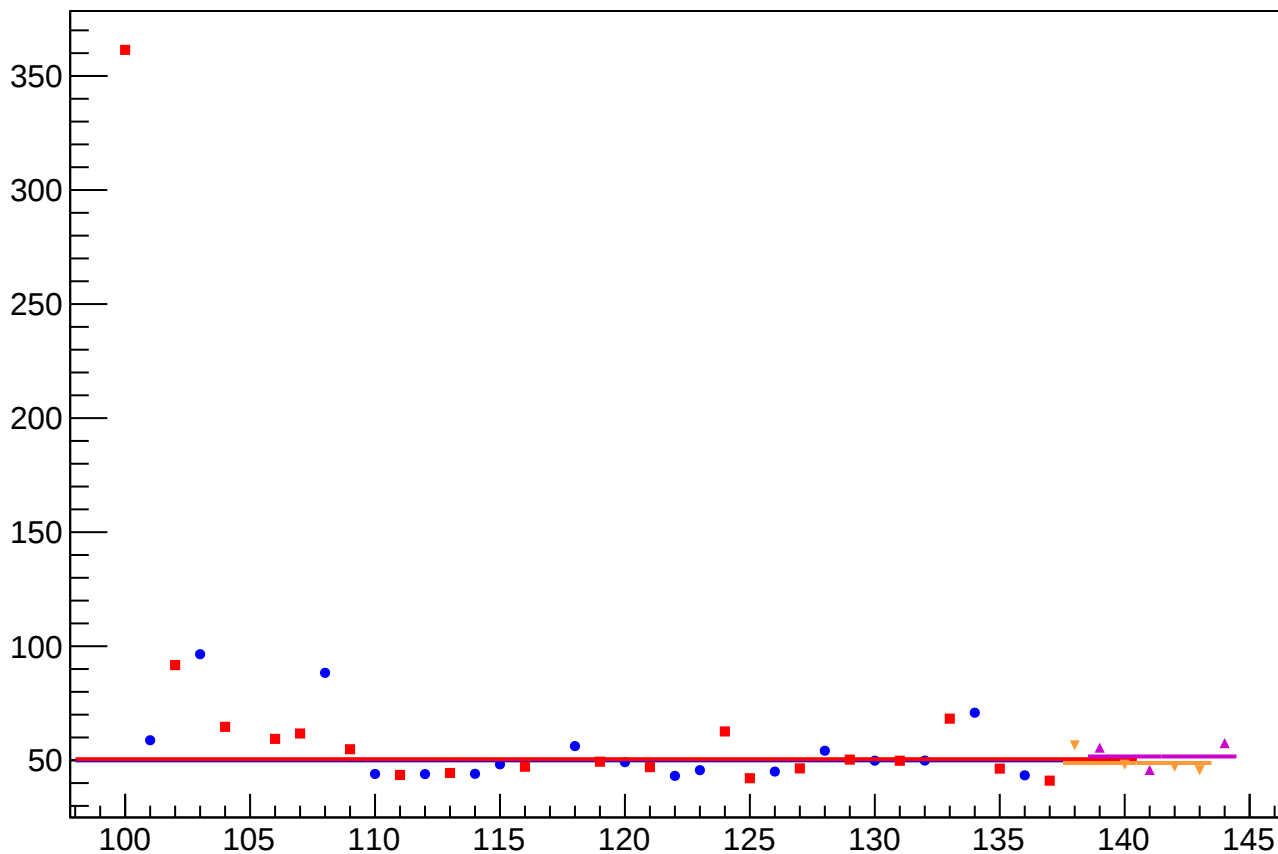
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: 14.554+/-17.093 χ^2/NDF : 17.5/19

Out: 18.989+/-16.399 χ^2/NDF : 23.9/22

All: 16.863+/-11.833 χ^2/NDF : 41.5/42

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: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 51.665+/-0.024 χ^2/NDF : 51591.9/2

Left: 50.075+/-0.016 χ^2/NDF : 95809.5/6

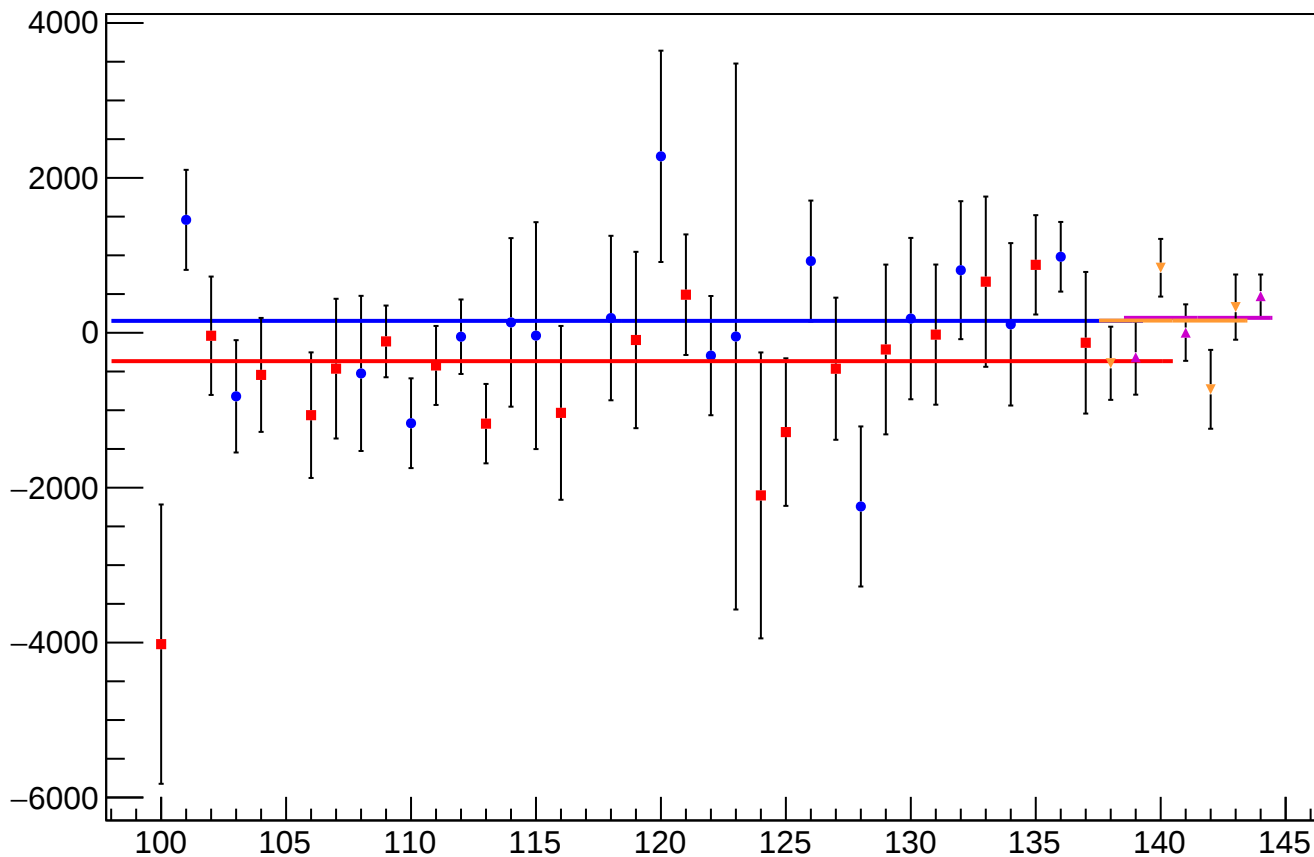
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 50.412+/-0.012 χ^2/NDF : 634108.3/19

Out: 49.972+/-0.012 χ^2/NDF : 611758.5/22

All: 50.183+/-0.008 χ^2/NDF : 1246558.7/42

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842+/-189.963 χ^2/NDF : 24.8/16

Left Out: 157.824+/-217.246 χ^2/NDF : 7.9/3

Right Out: -366.276+/-178.907 χ^2/NDF : 16.2/18

Left In: 192.929+/-201.384 χ^2/NDF : 2.4/2

Left: 176.705+/-147.689 χ^2/NDF : 10.3/6

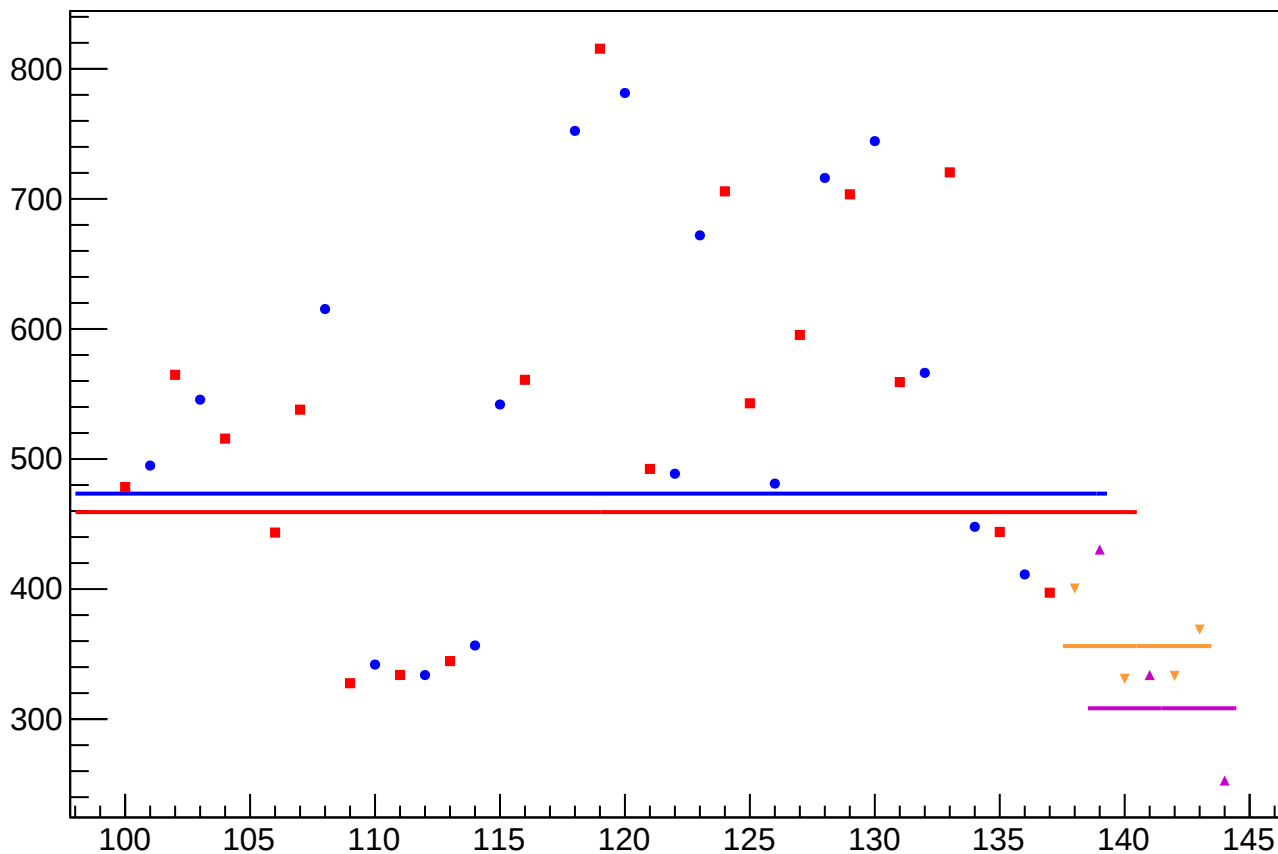
Right: -121.792+/-130.240 χ^2/NDF : 45.0/35

In: 172.246+/-138.185 χ^2/NDF : 27.2/19

Out: -154.476+/-138.104 χ^2/NDF : 27.6/22

All: 8.789+/-97.683 χ^2/NDF : 57.6/42

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: 459.180 $\pm$ 0.127 χ^2/NDF : 1006487.4/18

Left In: 308.353 $\pm$ 0.142 χ^2/NDF : 216776.7/2

Left: 330.458 $\pm$ 0.104 χ^2/NDF : 301421.1/6

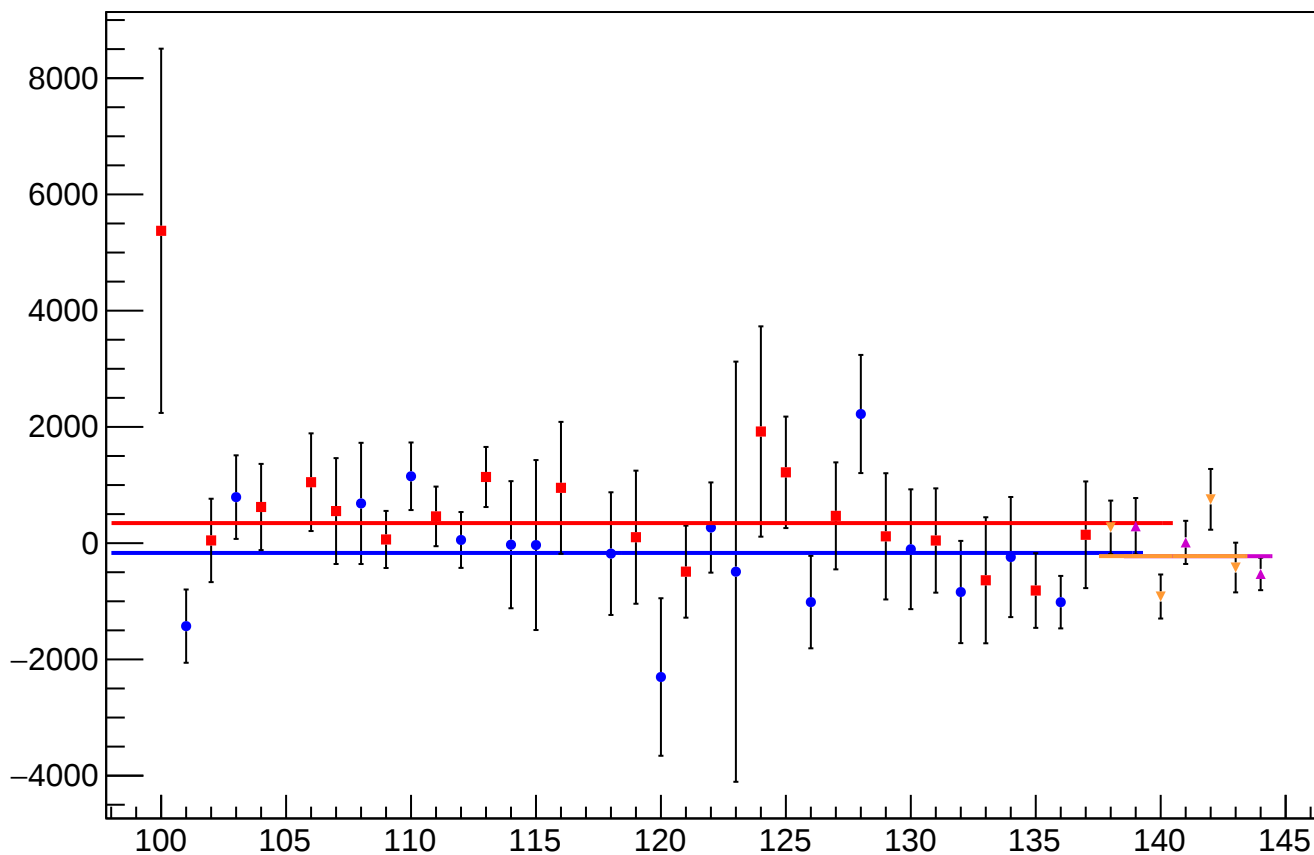
Right: 465.867 $\pm$ 0.092 χ^2/NDF : 1927360.0/35

In: 395.692 $\pm$ 0.098 χ^2/NDF : 1842616.6/19

Out: 417.556 $\pm$ 0.098 χ^2/NDF : 1306867.5/22

All: 406.631 $\pm$ 0.069 χ^2/NDF : 3174533.0/42

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2 /NDF: 25.4/16

Left Out: -222.543 $\pm$ 219.124 χ^2 /NDF:8.2/3

Right Out: 345.481 $\pm$ 181.255 χ^2 /NDF: 13.7/18

Left In: -224.120 $\pm$ 202.830 χ^2 /NDF:2.7/2

Left: -223.393 $\pm$ 148.850 χ^2 /NDF: 11.0/6

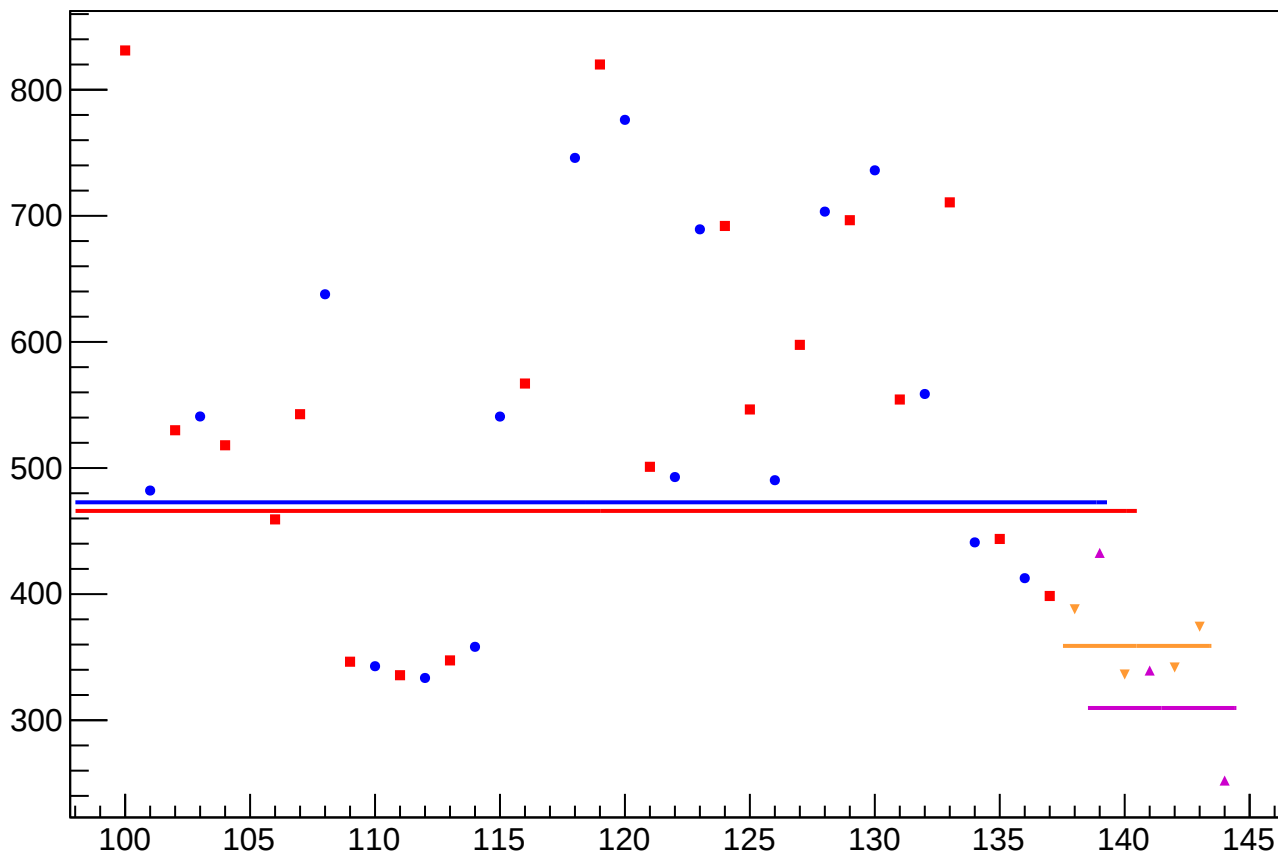
Right: 100.479 $\pm$ 131.070 χ^2 /NDF: 43.0/35

In: -194.220 $\pm$ 138.570 χ^2 /NDF:28.2/19

Out: 114.718 $\pm$ 139.666 χ^2 /NDF:25.9/22

All: -40.968 $\pm$ 98.369 χ^2 /NDF: 56.6/42

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 358.940 $\pm$ 0.155 χ^2/NDF :19822.1/3

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 309.705 $\pm$ 0.143 χ^2/NDF :225882.0/2

Left: 332.424 $\pm$ 0.105 χ^2/NDF : 300083.8/6

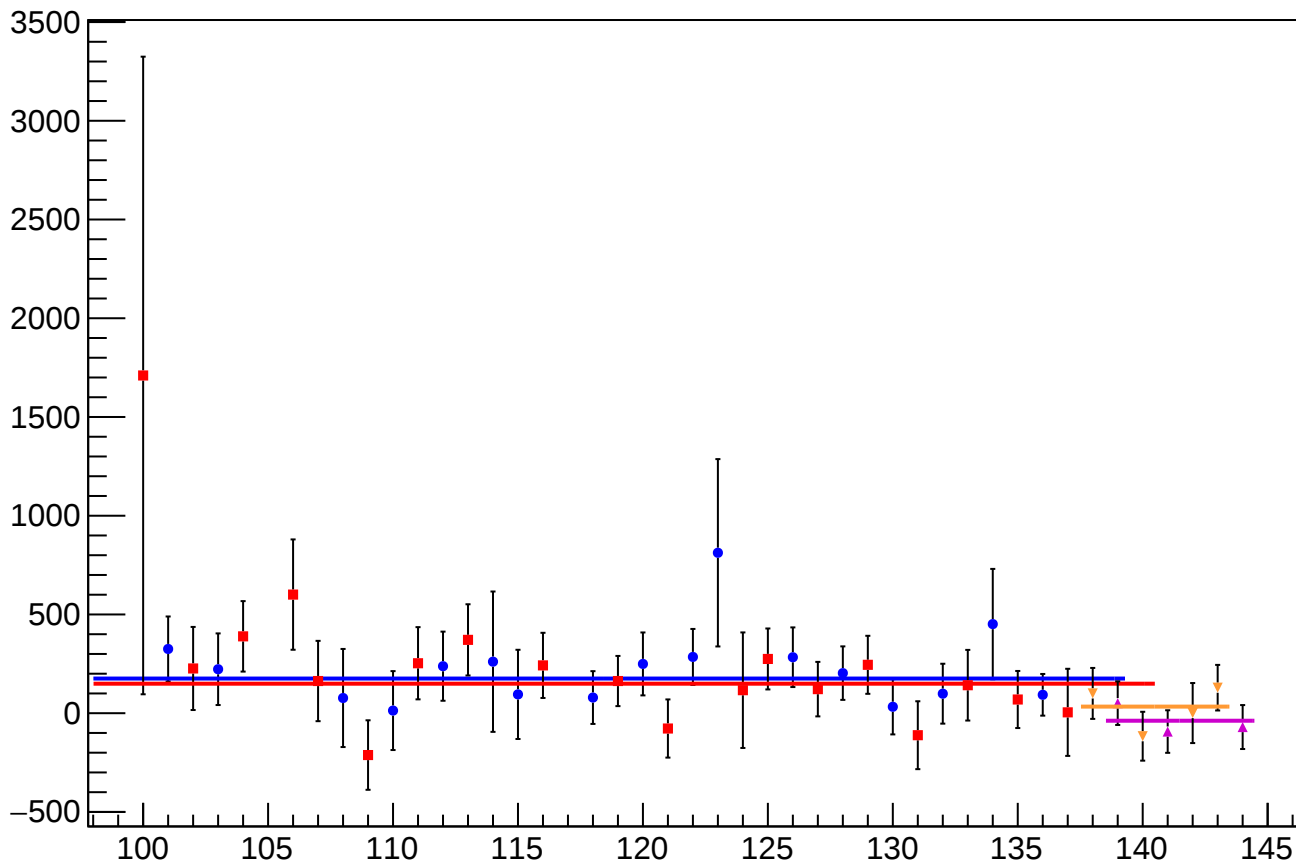
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 396.688 $\pm$ 0.098 χ^2/NDF :1812003.0/19

Out: 422.498 $\pm$ 0.099 χ^2/NDF :1245249.1/22

All: 409.491 $\pm$ 0.070 χ^2/NDF : 3091673.5/42

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: 33.396 $\pm$ 64.054 χ^2 /NDF:2.5/3

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -38.124 $\pm$ 63.388 χ^2 /NDF:1.0/2

Left: -2.738 $\pm$ 45.056 χ^2 /NDF: 4.1/6

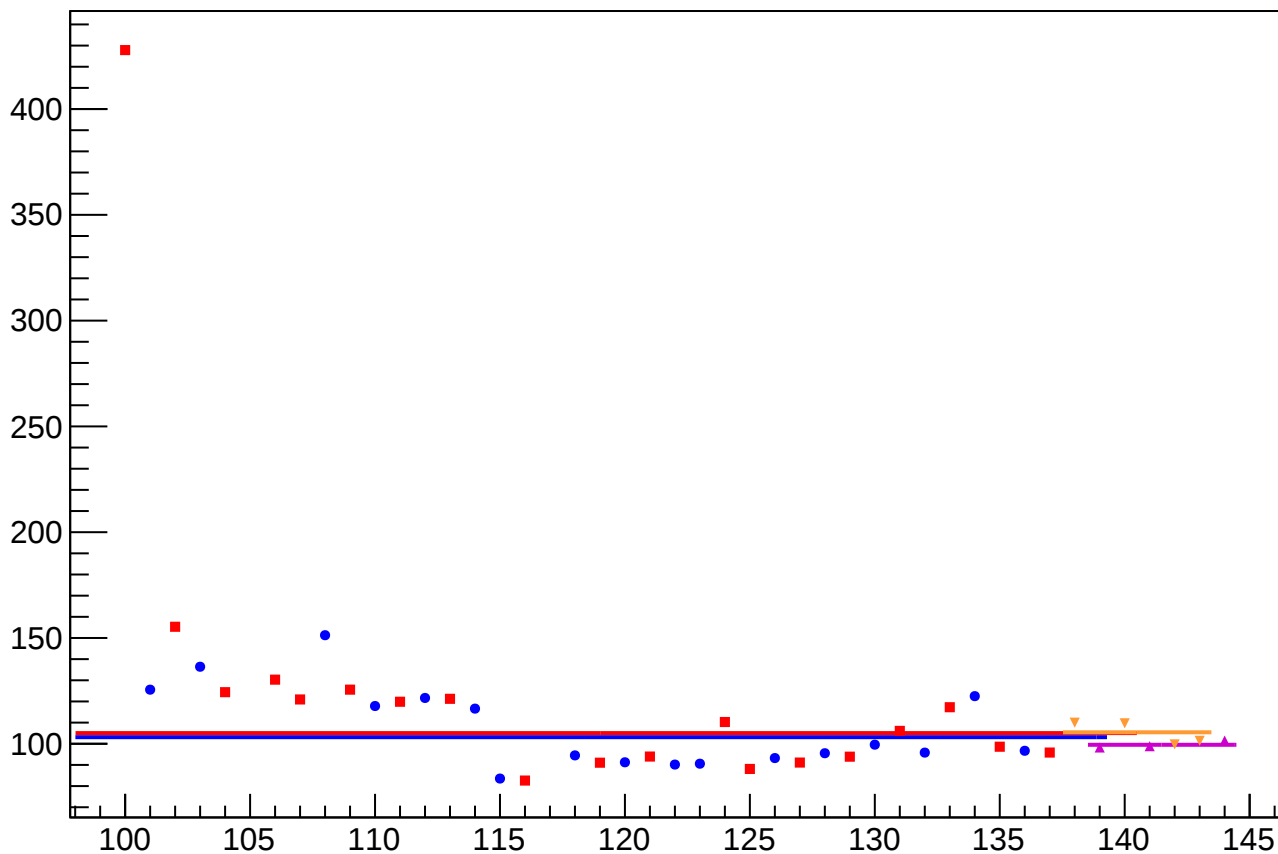
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 113.858 $\pm$ 34.044 χ^2 /NDF:17.7/19

Out: 116.494 $\pm$ 34.122 χ^2 /NDF:23.2/22

All: 115.173 $\pm$ 24.100 χ^2 /NDF: 40.9/42

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 105.424 $\pm$ 0.045 χ^2 /NDF:10080.9/3

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 99.515 $\pm$ 0.045 χ^2 /NDF:983.5/2

Left: 102.438 $\pm$ 0.032 χ^2 /NDF: 19663.3/6

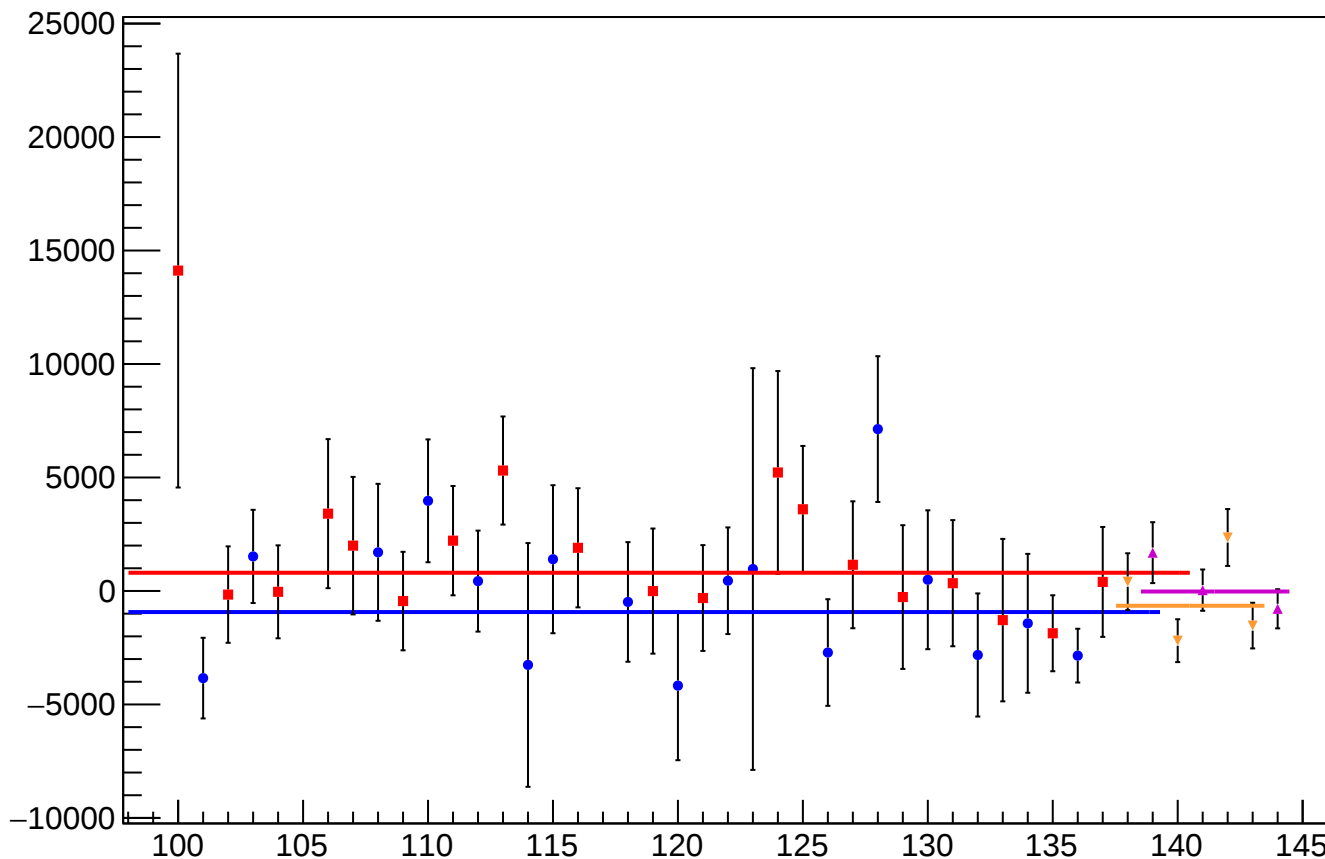
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 102.075 $\pm$ 0.024 χ^2 /NDF:312005.3/19

Out: 105.153 $\pm$ 0.024 χ^2 /NDF:458829.8/22

All: 103.610 $\pm$ 0.017 χ^2 /NDF: 778992.4/42

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -651.497+/-543.722 χ^2/NDF : 9.9/3

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: -24.171+/-566.989 χ^2/NDF : 2.4/2

Left: -350.969+/-392.437 χ^2/NDF : 12.9/6

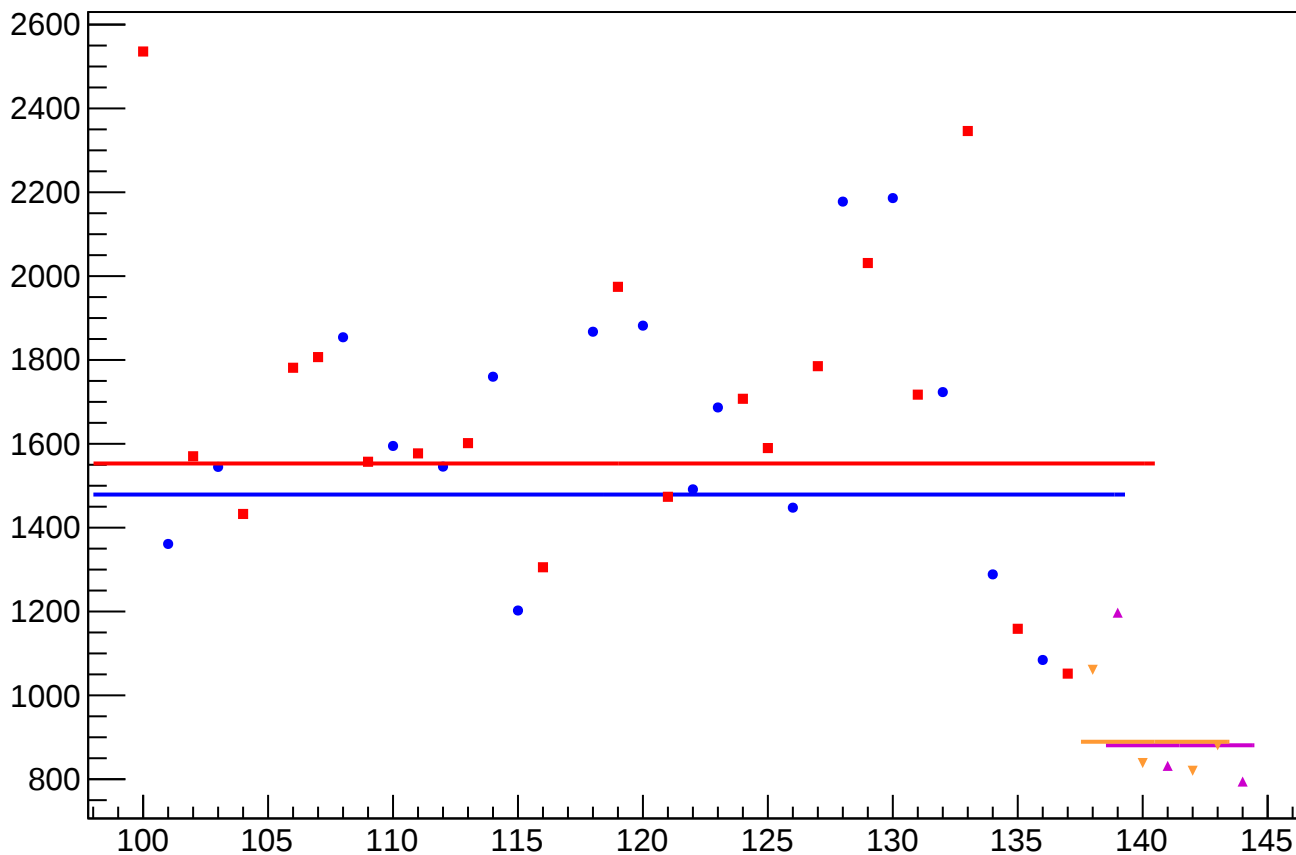
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -460.892+/-407.802 χ^2/NDF : 24.5/19

Out: 11.764+/-401.010 χ^2/NDF : 26.0/22

All: -220.595+/-285.928 χ^2/NDF : 51.2/42

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 889.333+/-0.384 χ^2/NDF : 49564.8/3

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 880.907+/-0.401 χ^2/NDF : 137168.8/2

Left: 885.296+/-0.277 χ^2/NDF : 186963.7/6

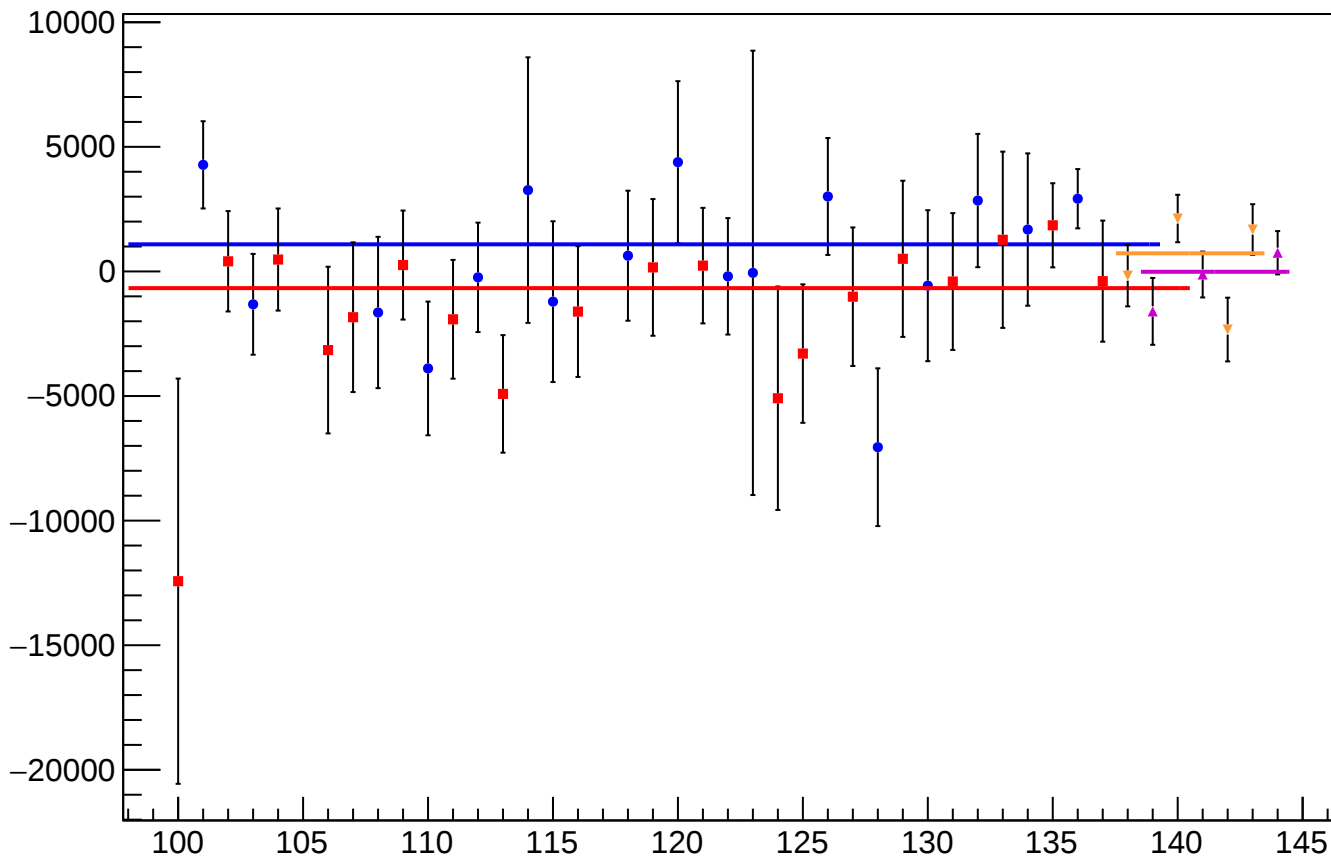
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1169.597+/-0.288 χ^2/NDF : 1800963.6/19

Out: 1192.034+/-0.284 χ^2/NDF : 1892566.0/22

All: 1181.004+/-0.202 χ^2/NDF : 3696607.5/42

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 726.297 $\pm$ 547.431 χ^2 /NDF:9.3/3

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: -13.947 $\pm$ 571.594 χ^2 /NDF:2.2/2

Left: 372.151 $\pm$ 395.359 χ^2 /NDF: 12.3/6

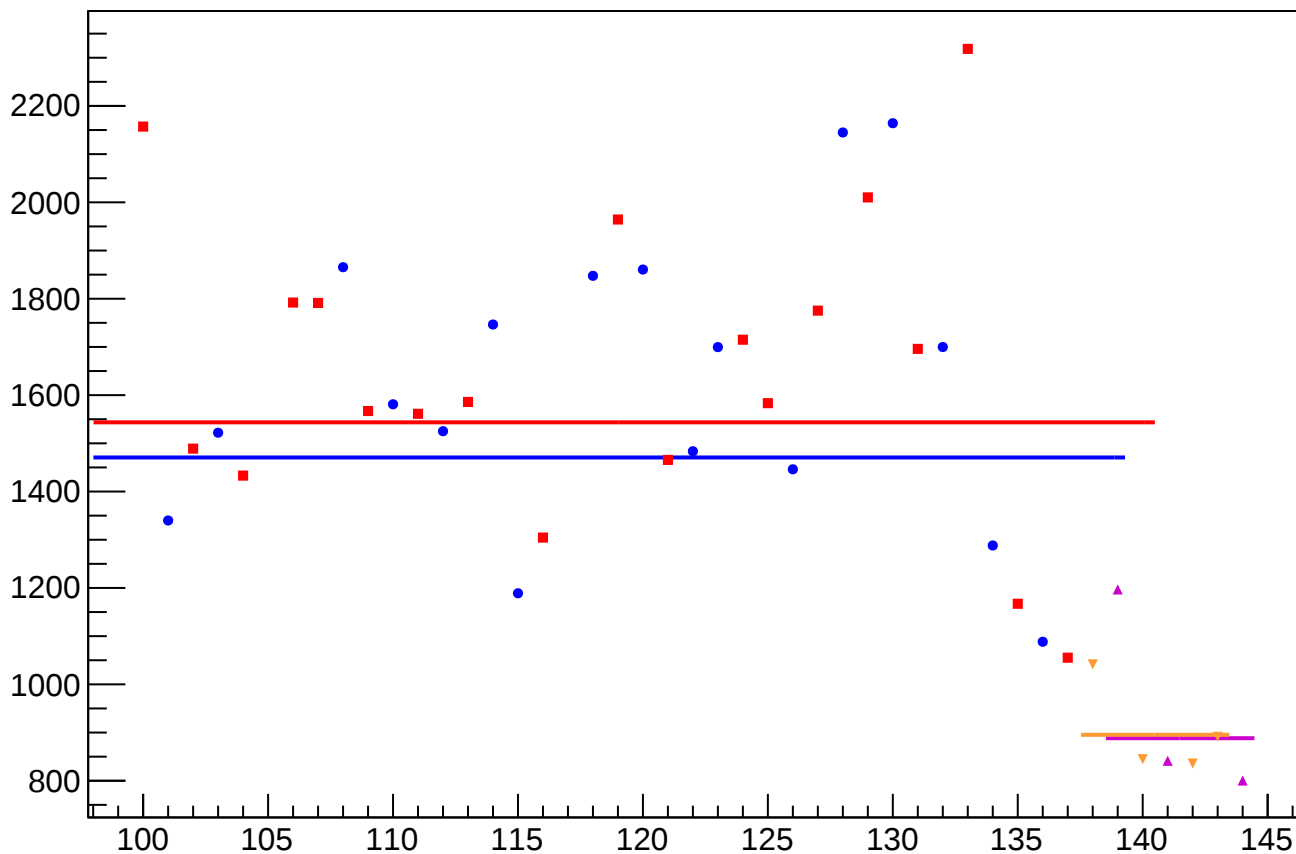
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 525.827 $\pm$ 408.263 χ^2 /NDF:25.8/19

Out: 80.240 $\pm$ 401.296 χ^2 /NDF:24.3/22

All: 299.199 $\pm$ 286.190 χ^2 /NDF: 50.8/42

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 895.309+/-0.387 χ^2/NDF : 38189.9/3

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 888.290+/-0.404 χ^2/NDF : 131475.4/2

Left: 891.951+/-0.280 χ^2/NDF : 169822.6/6

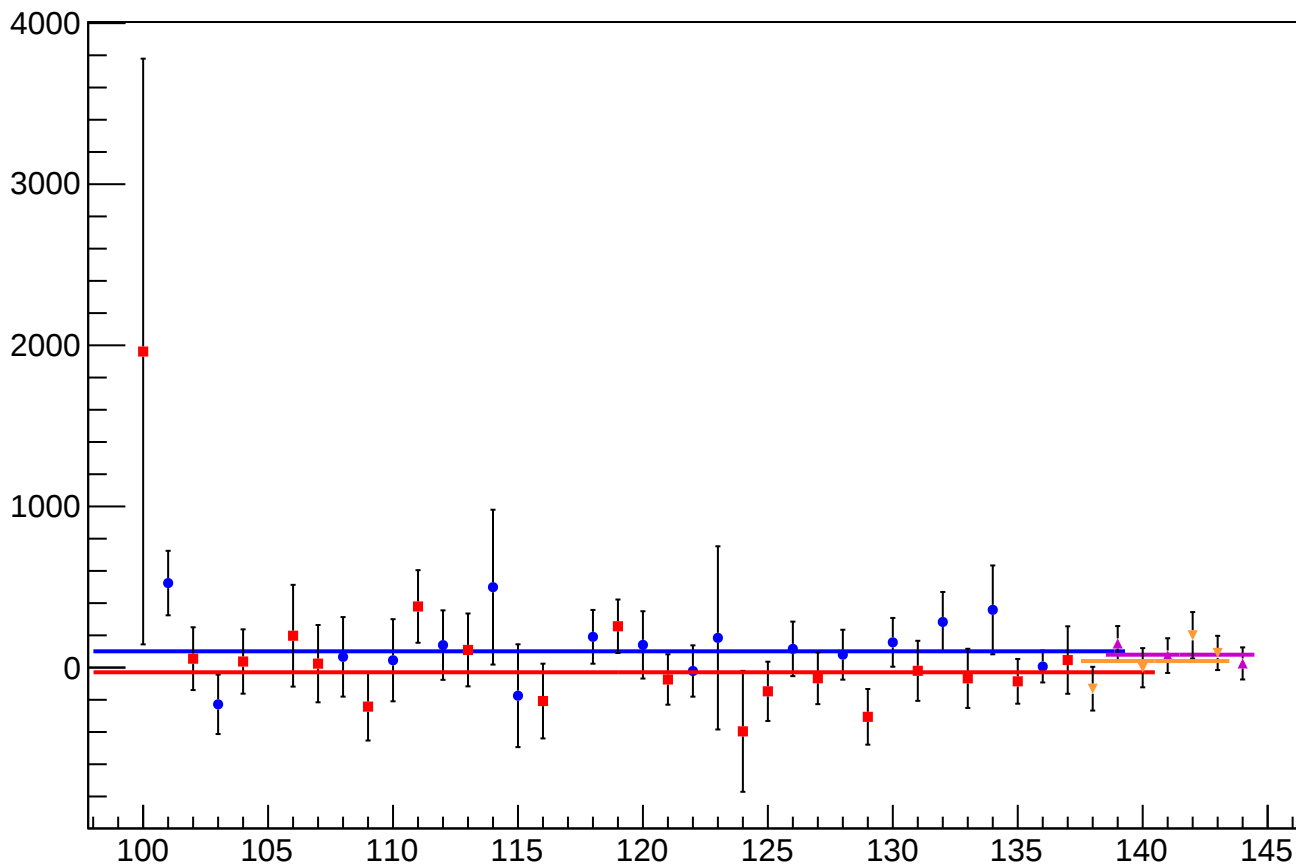
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 1173.571+/-0.289 χ^2/NDF : 1716254.0/19

Out: 1195.226+/-0.284 χ^2/NDF : 1790022.1/22

All: 1184.585+/-0.202 χ^2/NDF : 3509138.0/42

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 40.529 $\pm$ 62.186 χ^2 /NDF:3.2/3

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 79.903 $\pm$ 60.581 χ^2 /NDF:0.7/2

Left: 60.731 $\pm$ 43.394 χ^2 /NDF: 4.1/6

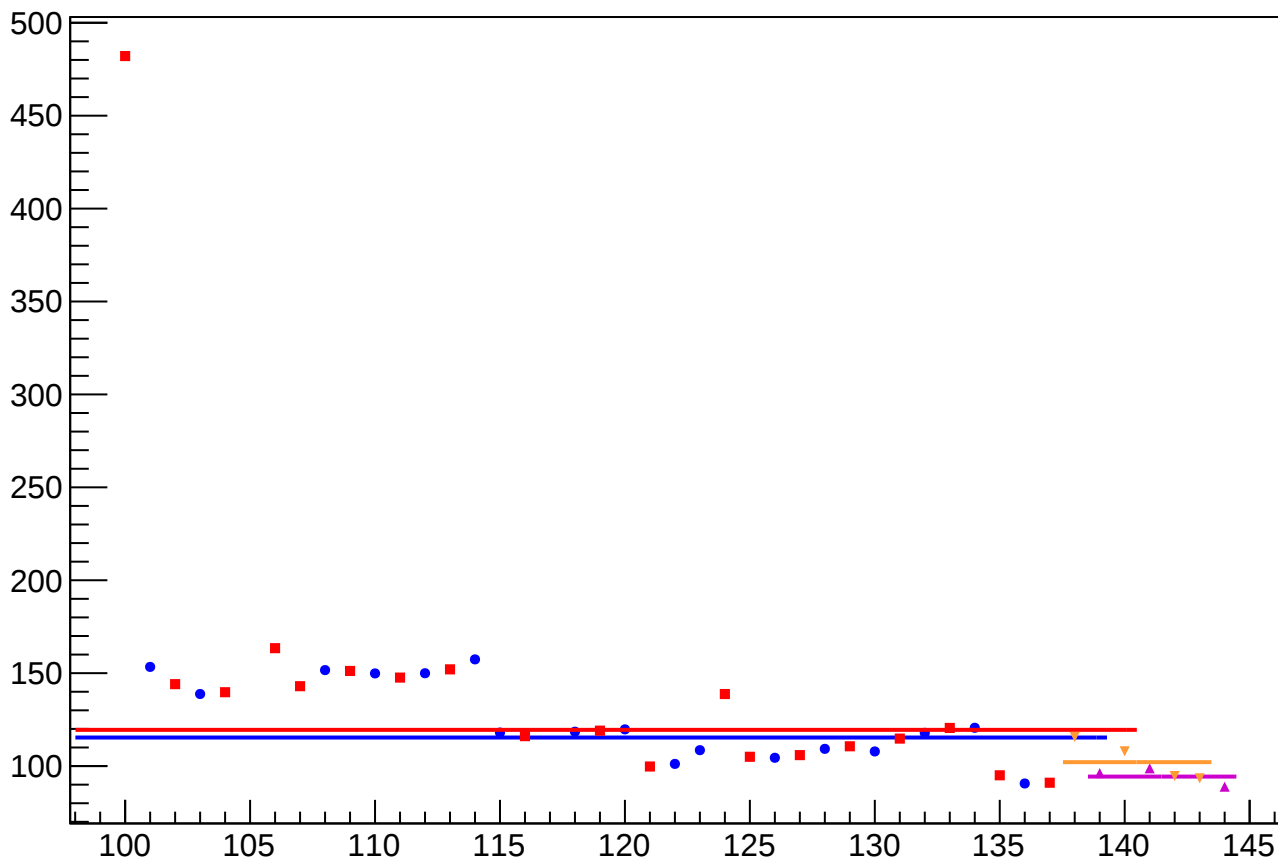
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 93.385 $\pm$ 36.271 χ^2 /NDF:13.8/19

Out: -4.720 $\pm$ 36.823 χ^2 /NDF:18.7/22

All: 45.074 $\pm$ 25.840 χ^2 /NDF: 36.1/42

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 ± 0.032 $\chi^2/\text{NDF}: 411362.6/16$

Left Out: 102.111 ± 0.044 $\chi^2/\text{NDF}: 43383.3/3$

Right Out: 119.492 ± 0.032 $\chi^2/\text{NDF}: 477965.0/18$

Left In: 94.346 ± 0.043 $\chi^2/\text{NDF}: 9984.6/2$

Left: 98.127 ± 0.031 $\chi^2/\text{NDF}: 69368.0/6$

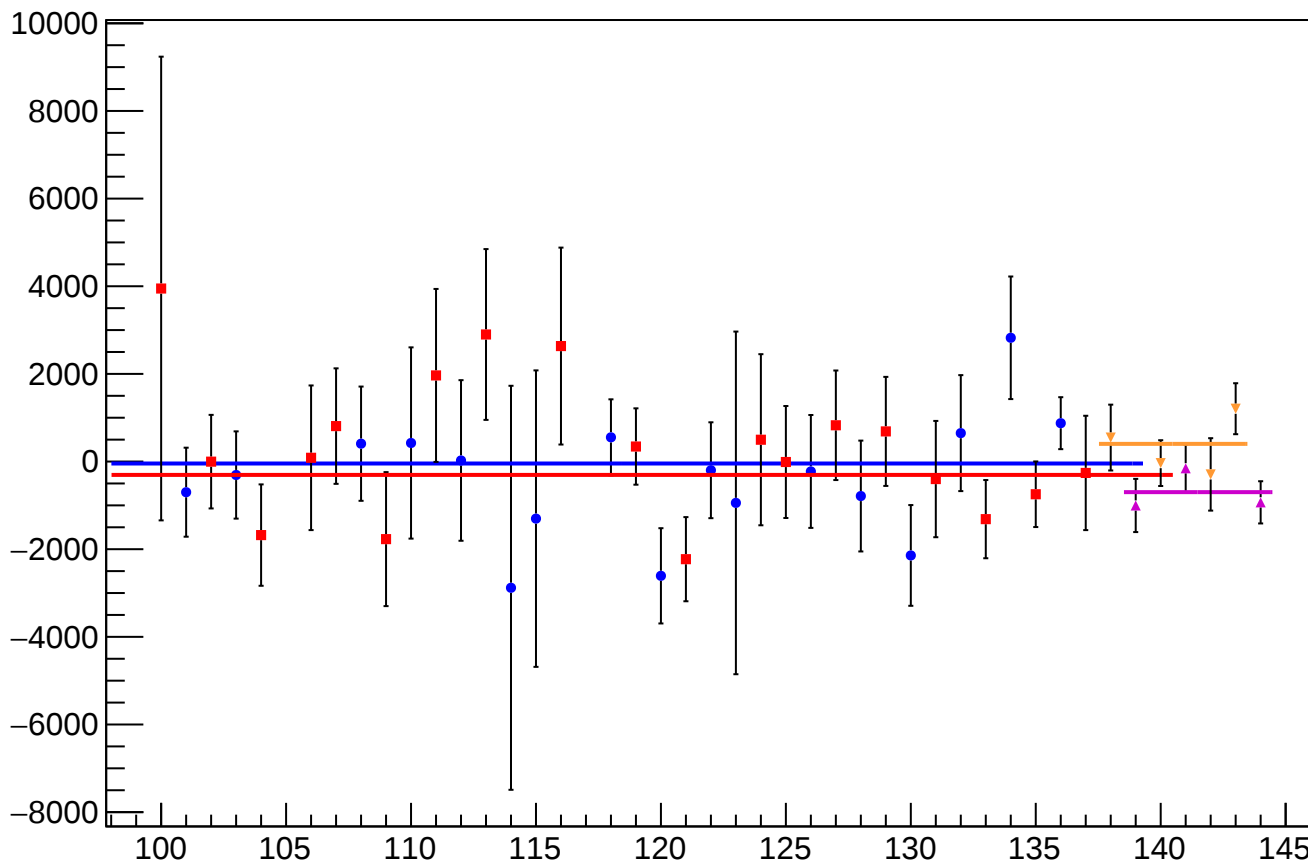
Right: 117.411 ± 0.023 $\chi^2/\text{NDF}: 897552.7/35$

In: 107.831 ± 0.026 $\chi^2/\text{NDF}: 575831.8/19$

Out: 113.398 ± 0.026 $\chi^2/\text{NDF}: 622809.8/22$

All: 110.572 ± 0.018 $\chi^2/\text{NDF}: 1221836.7/42$

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2 /NDF: 17.9/16

Left Out: 403.261 $\pm$ 318.481 χ^2 /NDF:3.4/3

Right Out: -304.797 $\pm$ 282.708 χ^2 /NDF: 17.4/18

Left In: -698.065 $\pm$ 310.323 χ^2 /NDF:1.5/2

Left: -161.688 $\pm$ 222.260 χ^2 /NDF: 11.0/6

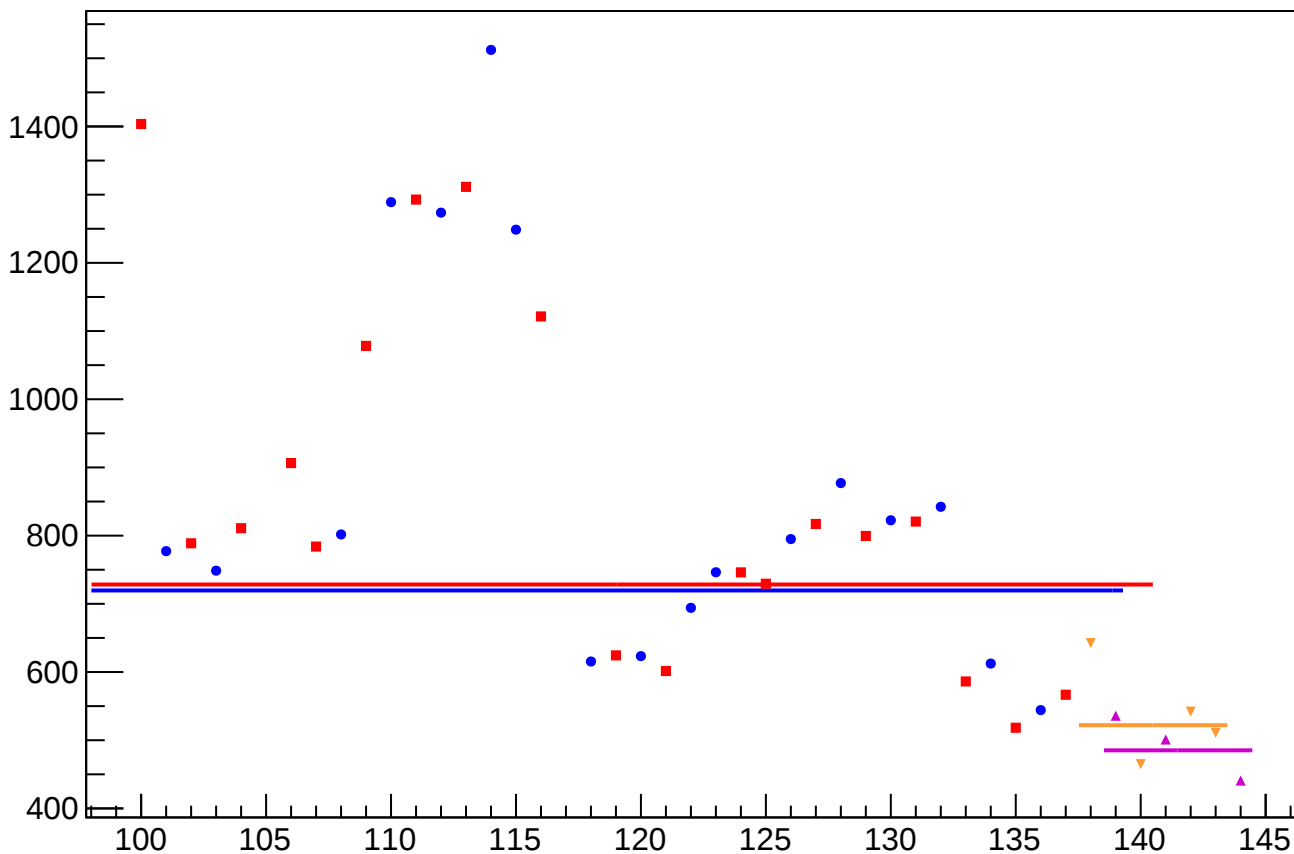
Right: -176.310 $\pm$ 201.157 χ^2 /NDF: 35.7/35

In: -345.020 $\pm$ 210.419 χ^2 /NDF:21.7/19

Out: 7.249 $\pm$ 211.426 χ^2 /NDF:23.6/22

All: -169.726 $\pm$ 149.144 χ^2 /NDF: 46.7/42

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: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 485.175 $\pm$ 0.219 χ^2 /NDF: 32623.6/2

Left: 503.146 $\pm$ 0.157 χ^2 /NDF: 123678.1/6

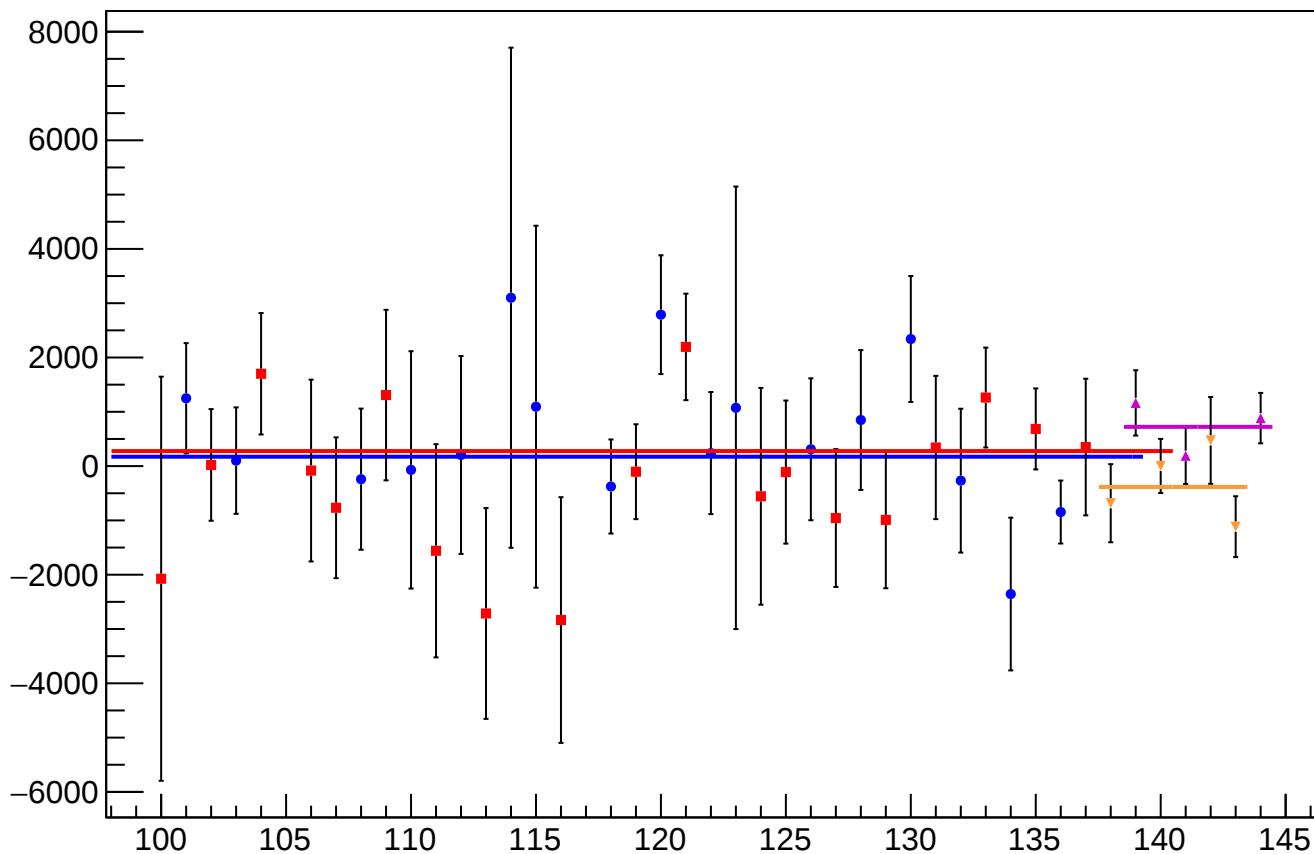
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 611.821 $\pm$ 0.149 χ^2 /NDF: 1396180.5/19

Out: 637.432 $\pm$ 0.150 χ^2 /NDF: 1460105.3/22

All: 624.565 $\pm$ 0.105 χ^2 /NDF: 2871030.2/42

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -384.238 $\pm$ 305.496 χ^2 /NDF:3.6/3

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 722.828 $\pm$ 300.054 χ^2 /NDF:1.7/2

Left: 179.243 $\pm$ 214.068 χ^2 /NDF: 12.0/6

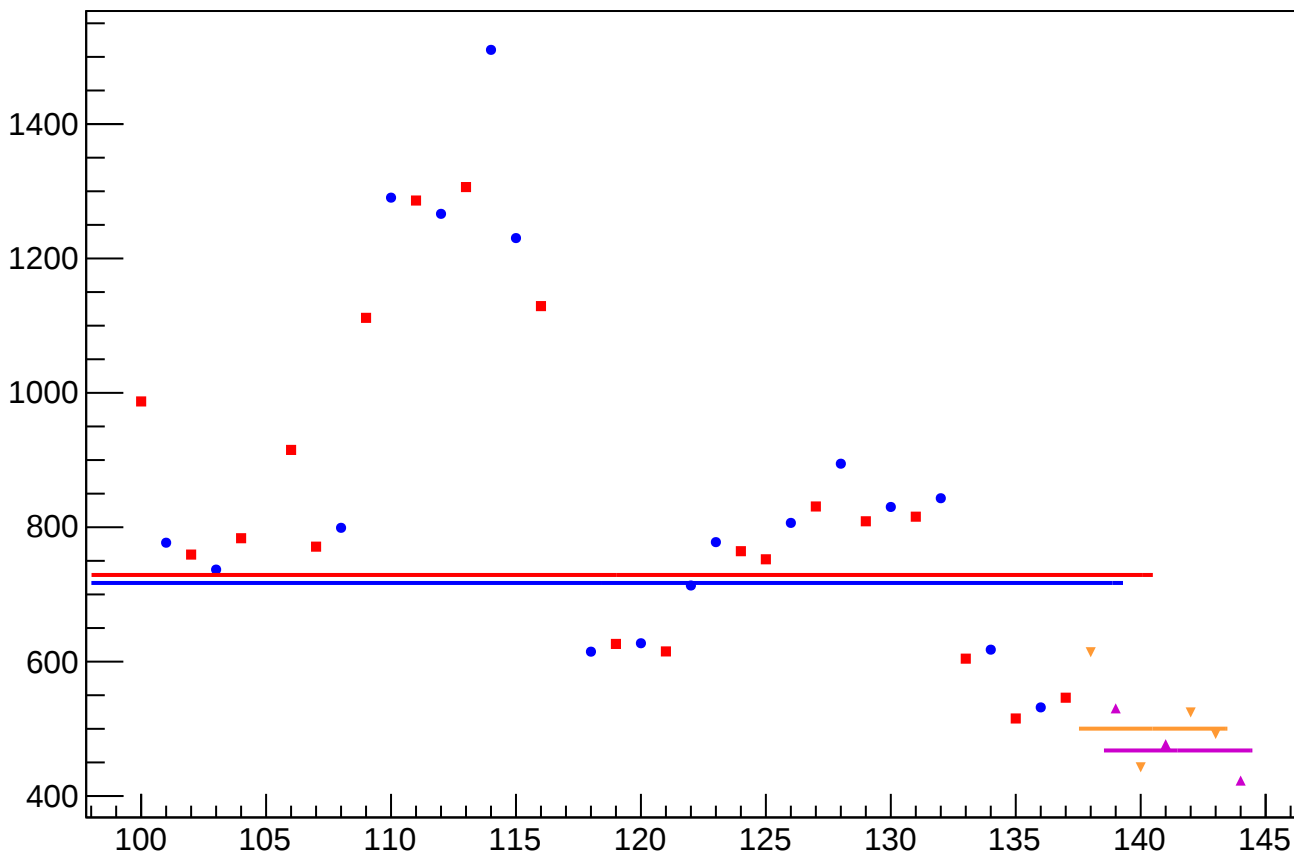
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 434.517 $\pm$ 206.898 χ^2 /NDF:21.6/19

Out: -27.983 $\pm$ 207.501 χ^2 /NDF:22.2/22

All: 203.940 $\pm$ 146.512 χ^2 /NDF: 46.3/42

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 500.267 $\pm$ 0.216 χ^2 /NDF: 78973.2/3

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 467.793 $\pm$ 0.212 χ^2 /NDF: 41021.8/2

Left: 483.738 $\pm$ 0.151 χ^2 /NDF: 131498.0/6

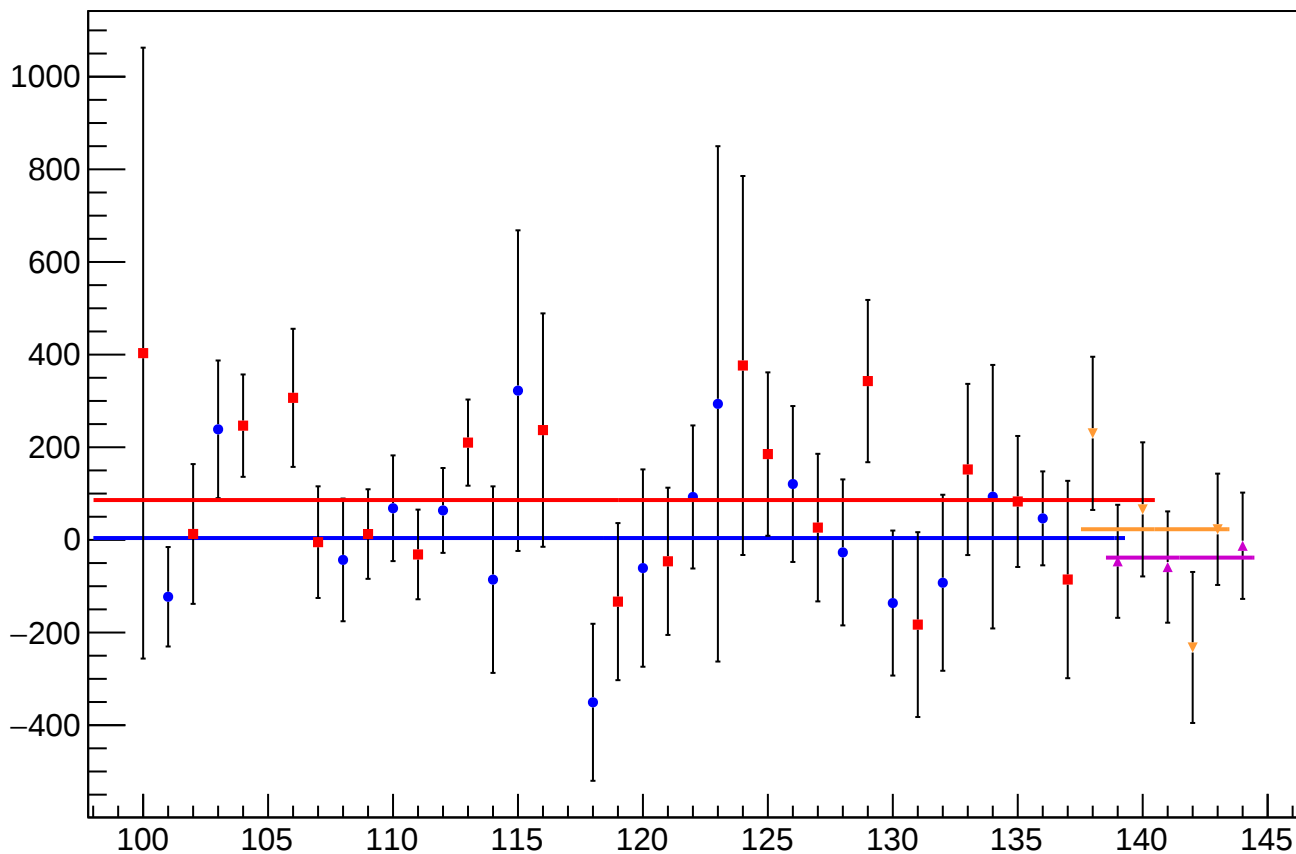
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 598.555 $\pm$ 0.146 χ^2 /NDF: 1547606.2/19

Out: 623.469 $\pm$ 0.147 χ^2 /NDF: 1573569.2/22

All: 610.976 $\pm$ 0.104 χ^2 /NDF: 3135633.1/42

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 23.021 ± 72.325 $\chi^2/\text{NDF}: 4.1/3$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: -38.262 ± 68.621 $\chi^2/\text{NDF}: 0.1/2$

Left: -9.230 ± 49.780 $\chi^2/\text{NDF}: 4.6/6$

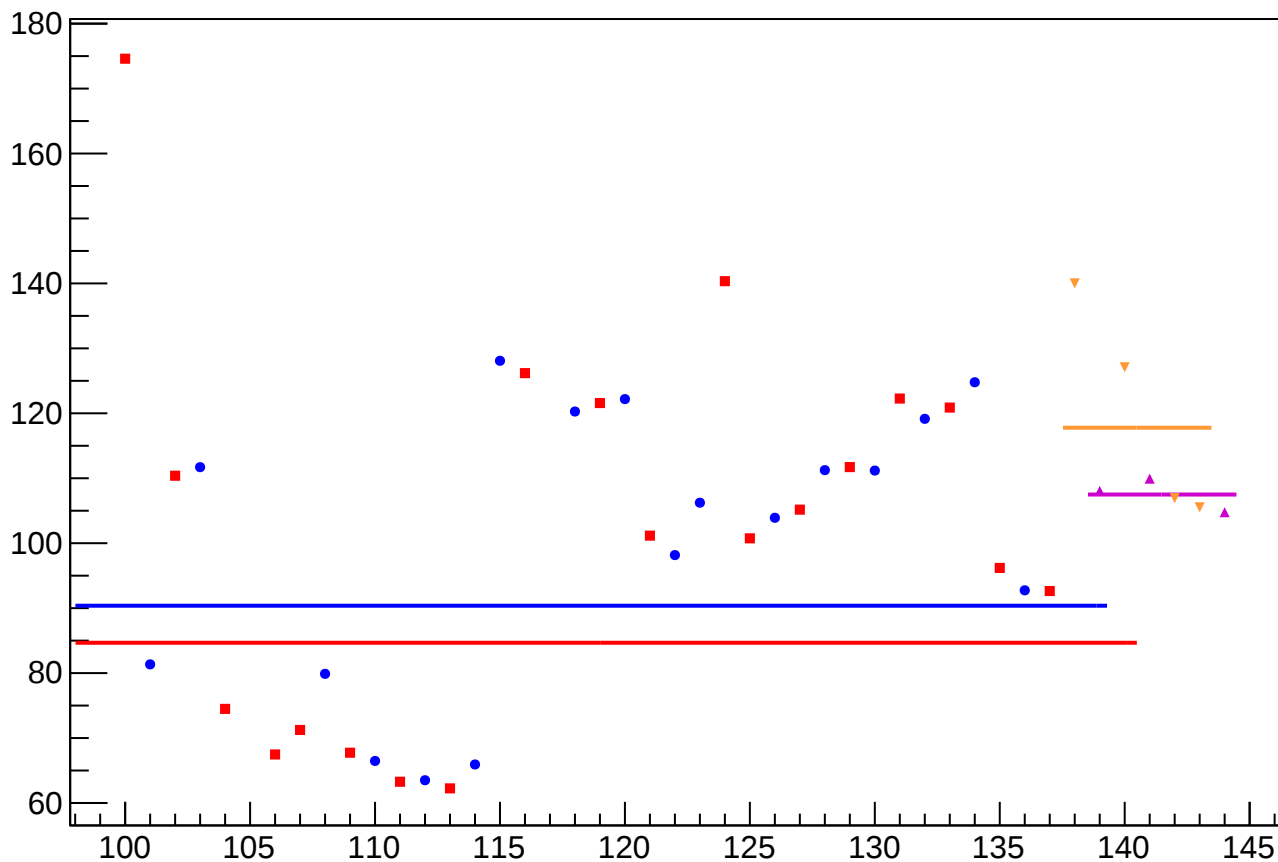
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: -5.093 ± 31.845 $\chi^2/\text{NDF}: 13.1/19$

Out: 74.962 ± 30.300 $\chi^2/\text{NDF}: 22.3/22$

All: 36.923 ± 21.951 $\chi^2/\text{NDF}: 38.8/42$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 117.785 $\pm$ 0.051 χ^2 /NDF: 74052.3/3

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 107.494 $\pm$ 0.049 χ^2 /NDF: 1996.7/2

Left: 112.369 $\pm$ 0.035 χ^2 /NDF: 97358.3/6

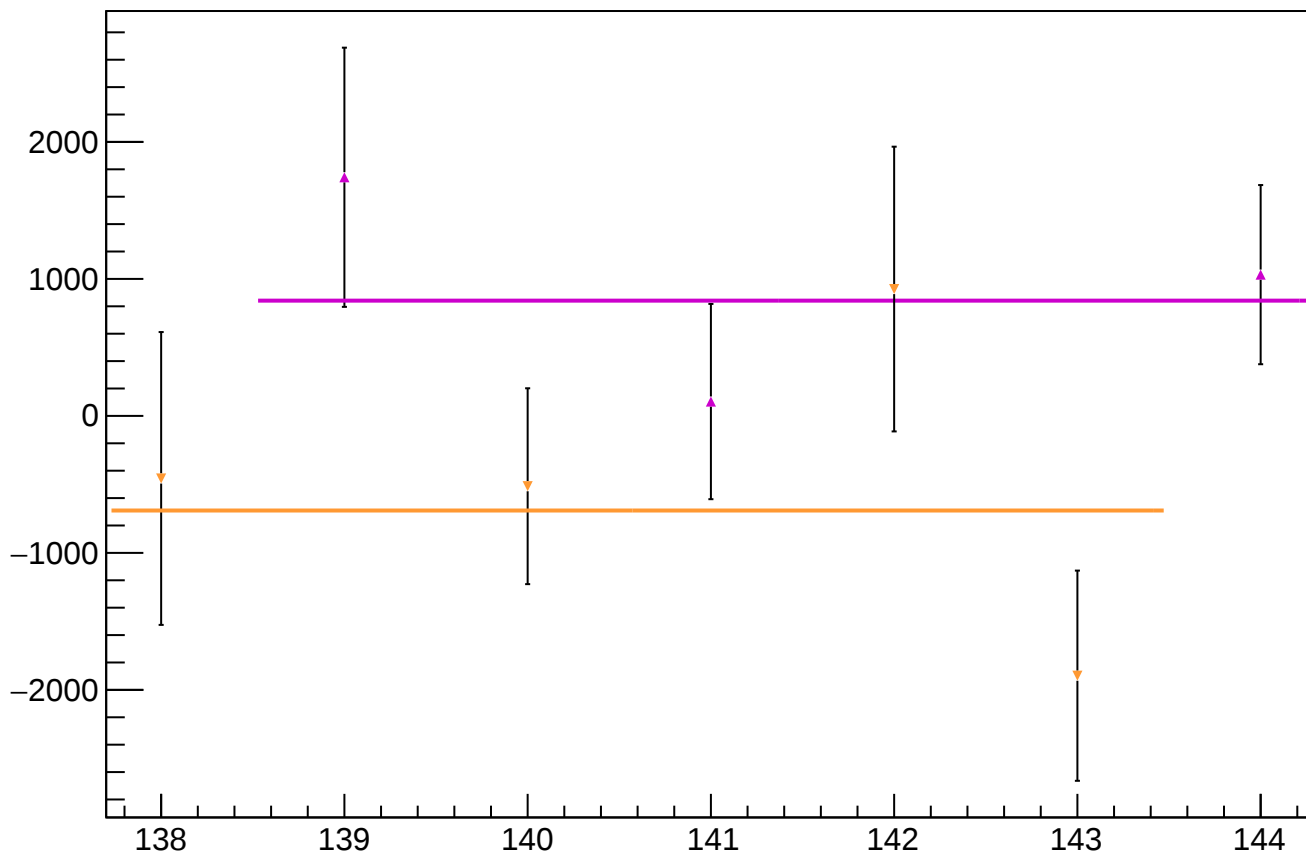
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 94.062 $\pm$ 0.023 χ^2 /NDF: 753802.1/19

Out: 90.485 $\pm$ 0.021 χ^2 /NDF: 1327804.7/22

All: 92.184 $\pm$ 0.016 χ^2 /NDF: 2094852.9/42

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: 841.369+/-429.365 χ^2/NDF : 2.1/2

Left: 73.089+/-303.154 χ^2/NDF : 13.4/6

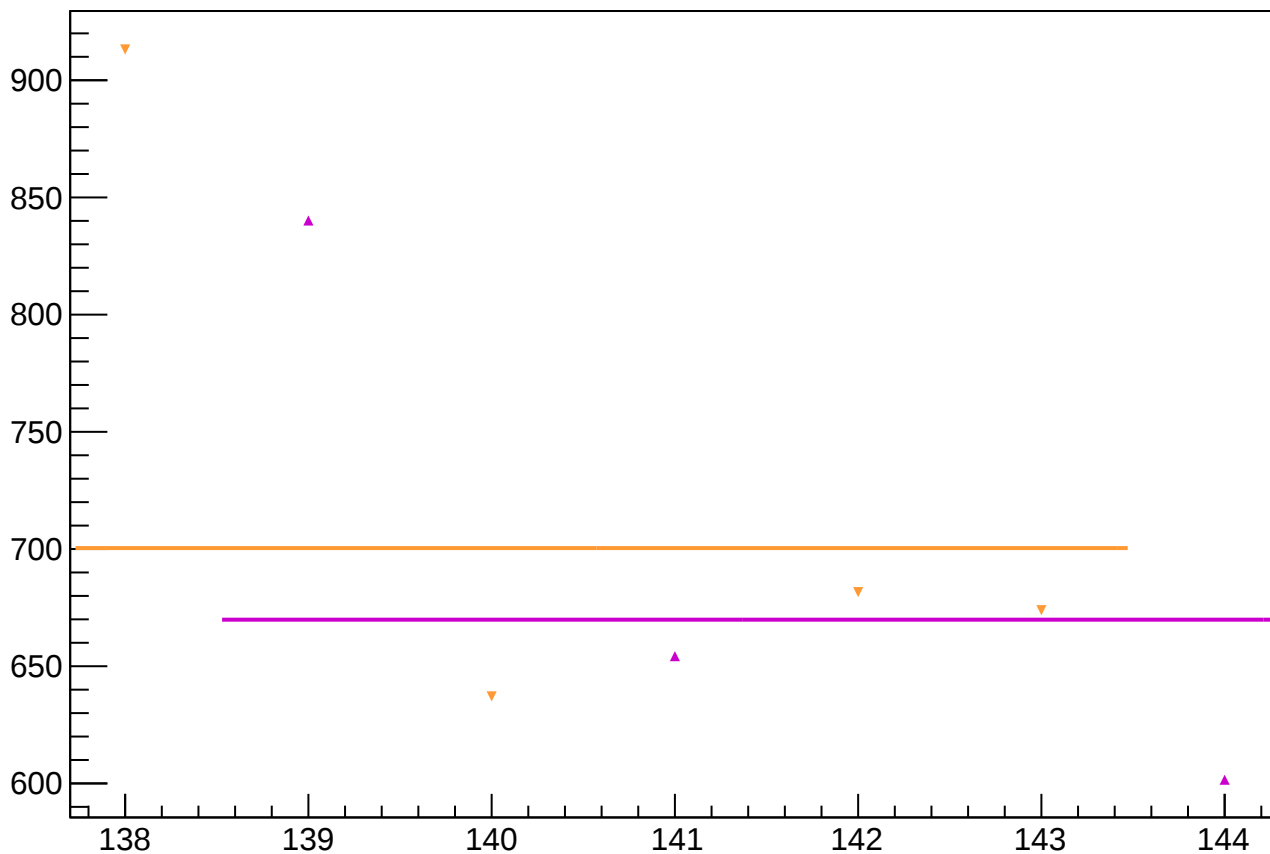
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 841.369+/-429.365 χ^2/NDF : 2.1/2

Out: -690.625+/-428.087 χ^2/NDF : 5.0/3

All: 73.089+/-303.154 χ^2/NDF : 13.4/6

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: 669.861+/-0.304 χ^2/NDF :87573.4/2

Left: 685.179+/-0.214 χ^2/NDF : 190579.6/6

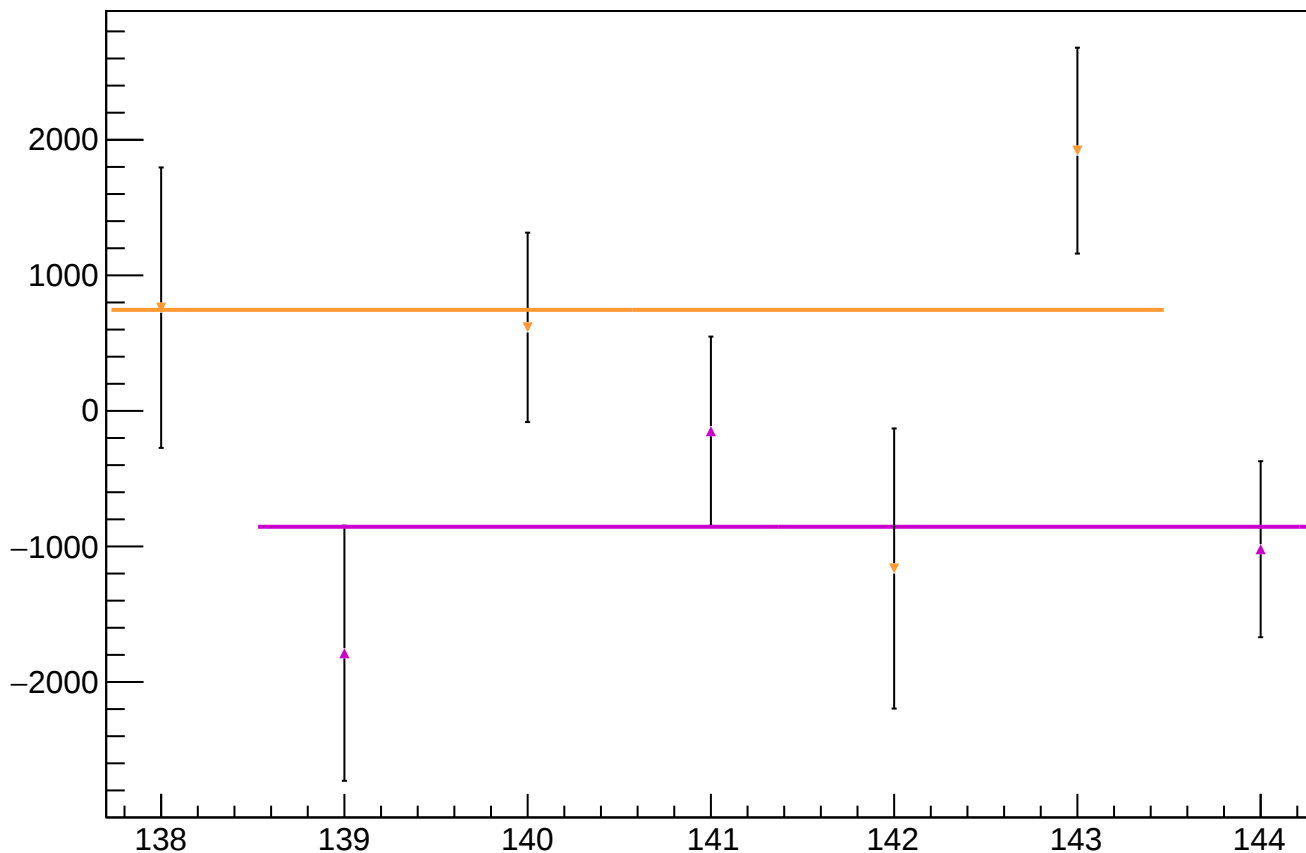
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 669.861+/-0.304 χ^2/NDF :87573.4/2

Out: 700.406+/-0.303 χ^2/NDF :97930.3/3

All: 685.179+/-0.214 χ^2/NDF : 190579.6/6

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 745.510 ± 420.585 $\chi^2/\text{NDF}: 5.8/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -854.828 ± 424.369 $\chi^2/\text{NDF}: 2.1/2$

Left: -47.494 ± 298.727 $\chi^2/\text{NDF}: 15.1/6$

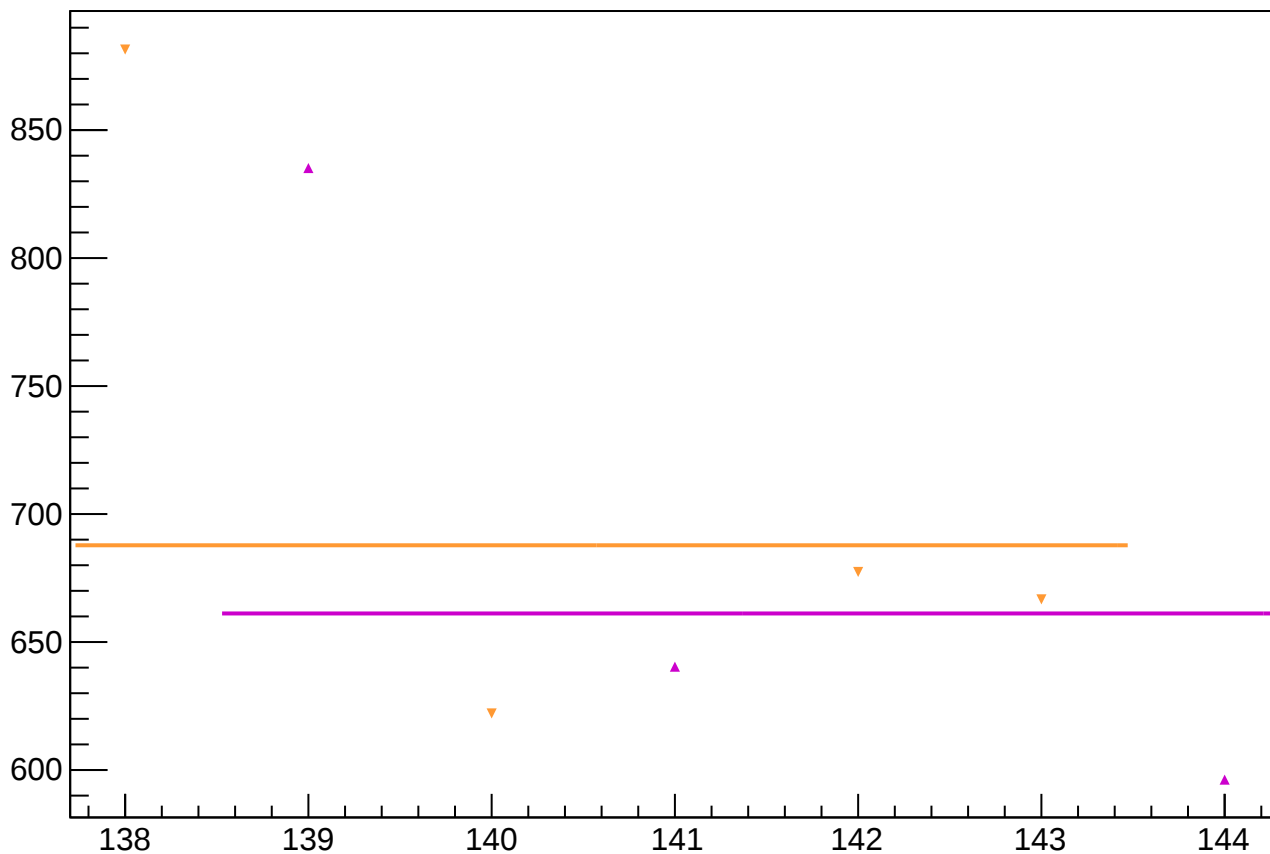
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -854.828 ± 424.369 $\chi^2/\text{NDF}: 2.1/2$

Out: 745.510 ± 420.585 $\chi^2/\text{NDF}: 5.8/3$

All: -47.494 ± 298.727 $\chi^2/\text{NDF}: 15.1/6$

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 687.796+/-0.297 χ^2/NDF : 89521.1/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 661.162+/-0.300 χ^2/NDF : 90166.5/2

Left: 674.599+/-0.211 χ^2/NDF : 183661.8/6

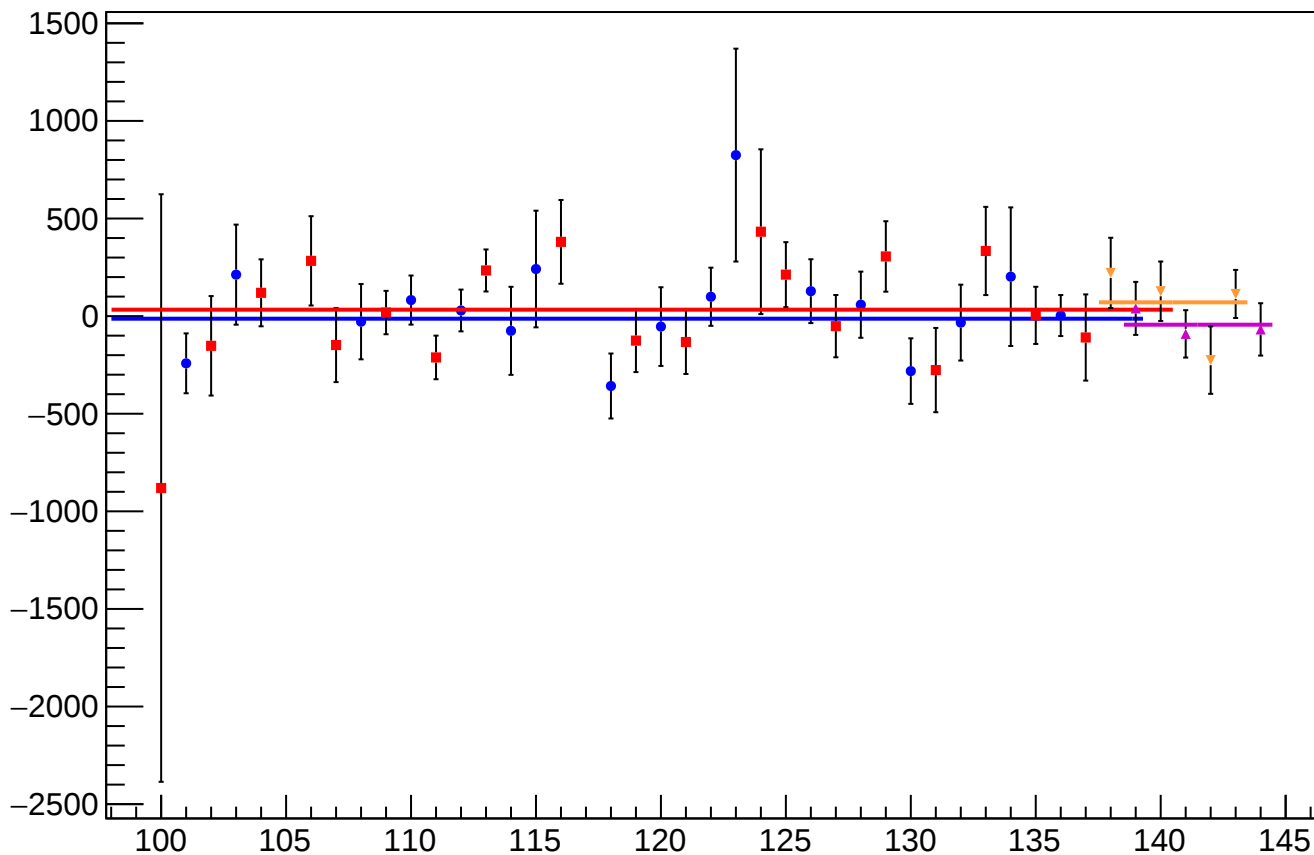
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 661.162+/-0.300 χ^2/NDF : 90166.5/2

Out: 687.796+/-0.297 χ^2/NDF : 89521.1/3

All: 674.599+/-0.211 χ^2/NDF : 183661.8/6

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: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: -43.936 ± 74.999 χ^2/NDF : 0.6/2

Left: 12.676 ± 53.355 χ^2/NDF : 5.6/6

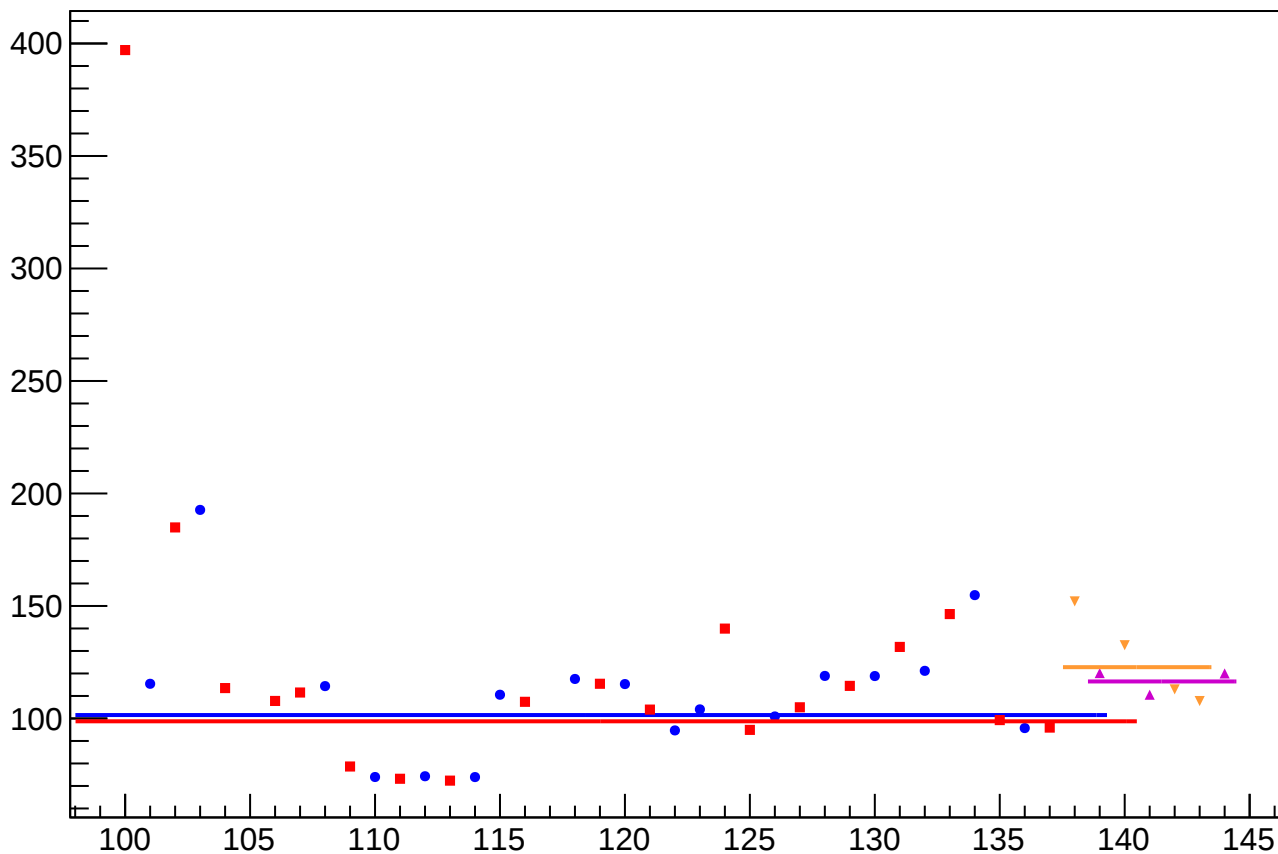
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: -20.165 ± 35.673 χ^2/NDF : 16.4/19

Out: 40.851 ± 34.605 χ^2/NDF : 29.2/22

All: 11.270 ± 24.838 χ^2/NDF : 47.1/42

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: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 116.449 $\pm$ 0.053 χ^2 /NDF: 7626.2/2

Left: 119.585 $\pm$ 0.038 χ^2 /NDF: 112105.7/6

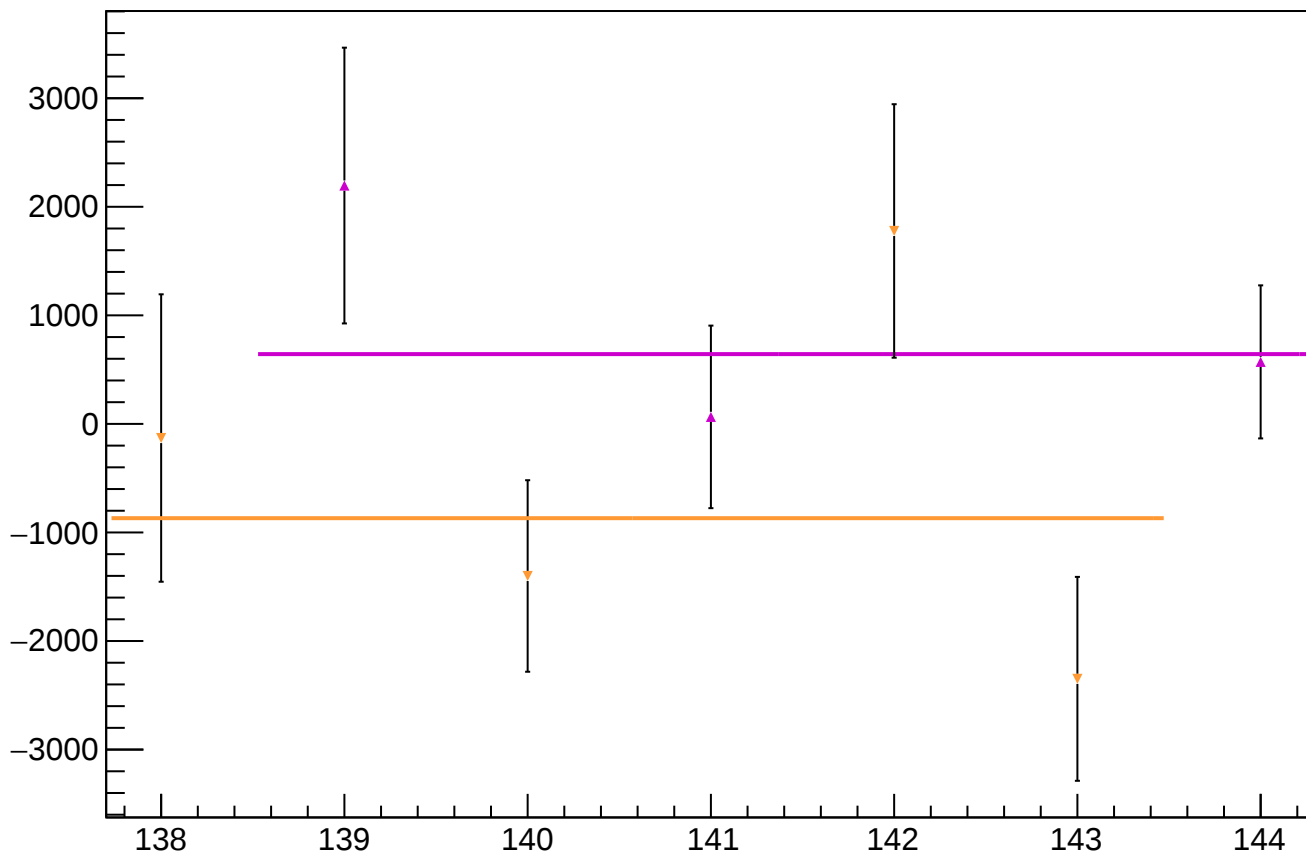
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.897 $\pm$ 0.025 χ^2 /NDF: 750667.9/19

Out: 103.735 $\pm$ 0.024 χ^2 /NDF: 1082210.9/22

All: 104.298 $\pm$ 0.018 χ^2 /NDF: 1833971.4/42

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: 642.950+/-497.122 χ^2/NDF : 2.0/2

Left: -81.257+/-358.770 χ^2/NDF : 14.7/6

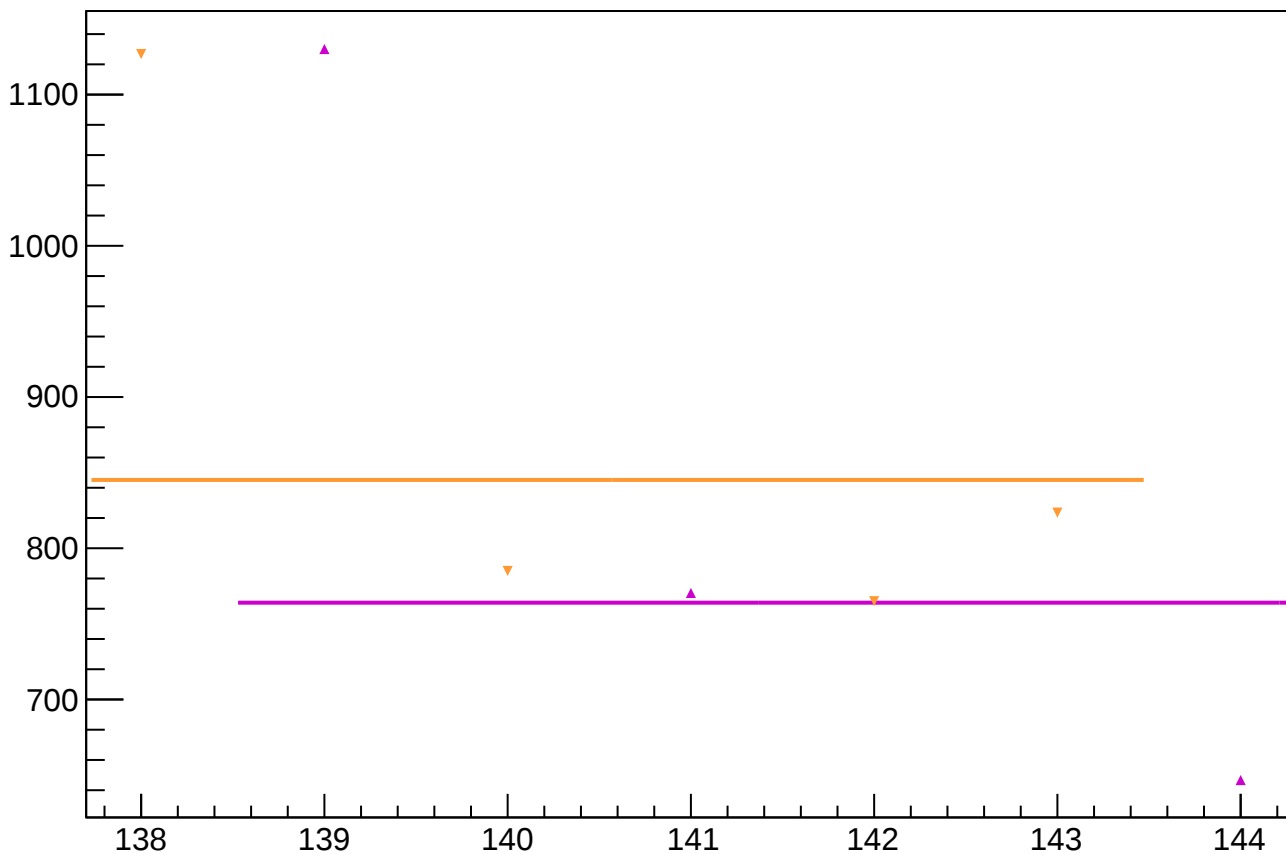
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 642.950+/-497.122 χ^2/NDF : 2.0/2

Out: -868.472+/-518.296 χ^2/NDF : 8.3/3

All: -81.257+/-358.770 χ^2/NDF : 14.7/6

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: 764.017+/-0.352 χ^2/NDF :221643.5/2

Left: 802.908+/-0.254 χ^2/NDF : 357519.5/6

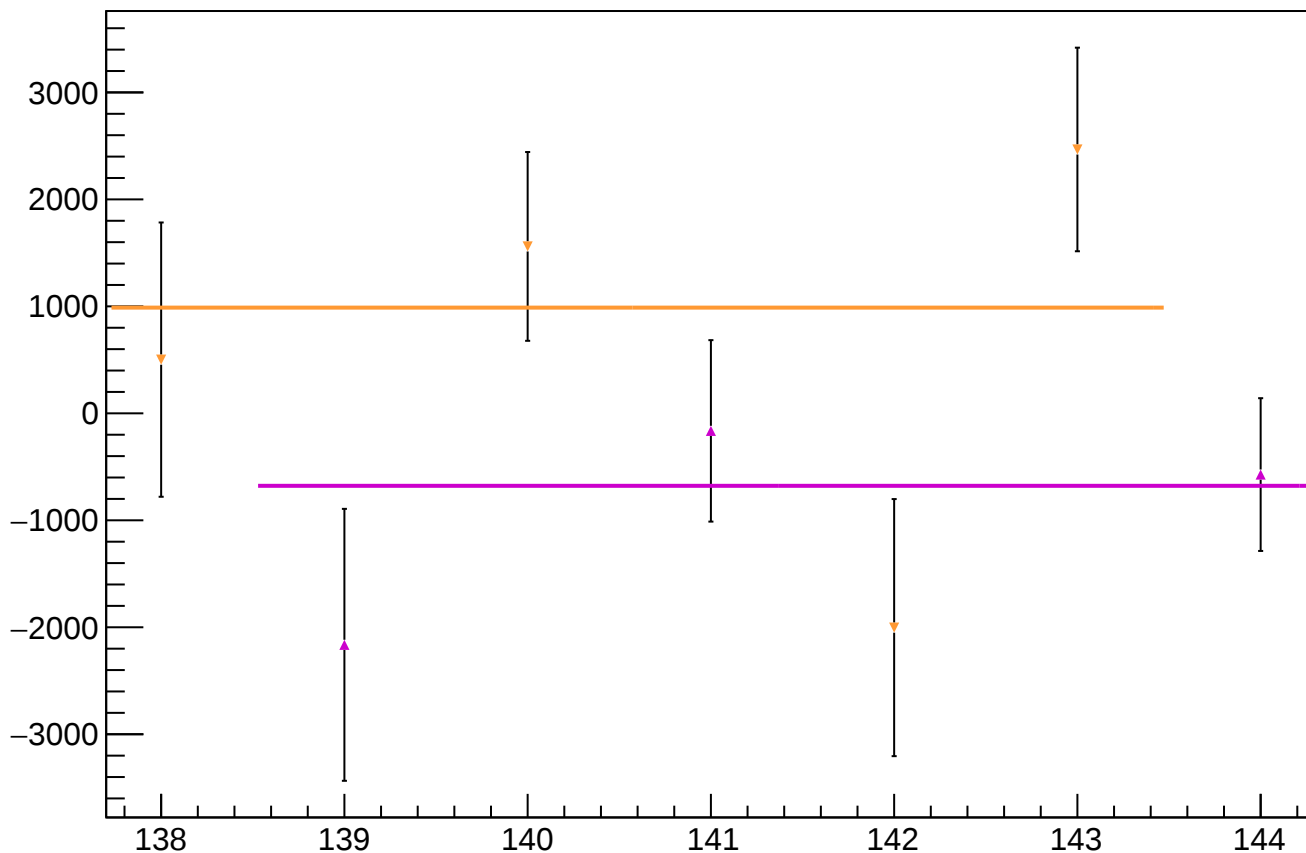
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 764.017+/-0.352 χ^2/NDF :221643.5/2

Out: 845.182+/-0.366 χ^2/NDF :110330.6/3

All: 802.908+/-0.254 χ^2/NDF : 357519.5/6

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 988.245+/-520.620 χ^2/NDF :9.2/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -677.613+/-501.866 χ^2/NDF :1.8/2

Left: 124.772+/-361.321 χ^2/NDF : 16.2/6

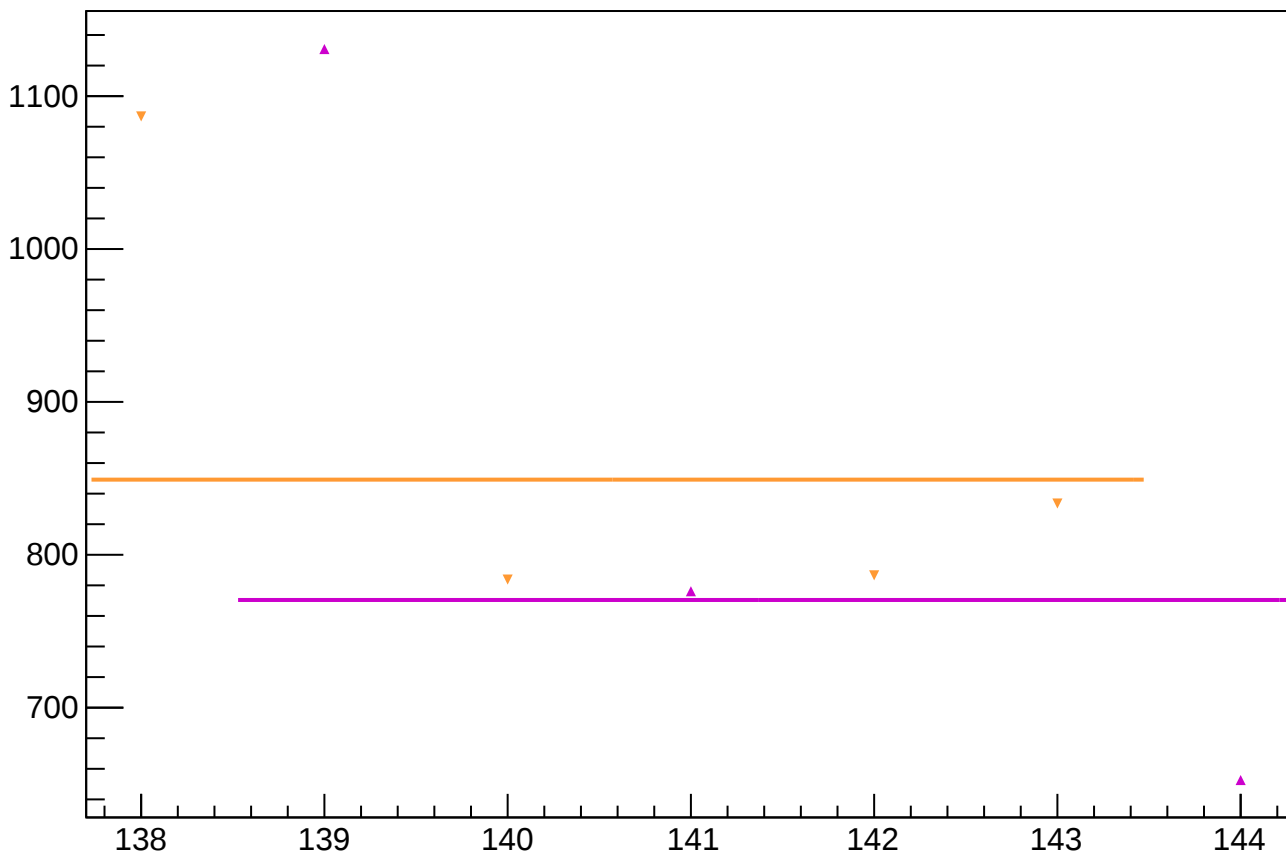
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -677.613+/-501.866 χ^2/NDF :1.8/2

Out: 988.245+/-520.620 χ^2/NDF :9.2/3

All: 124.772+/-361.321 χ^2/NDF : 16.2/6

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: 770.440+/-0.355 χ^2/NDF : 215261.2/2

Left: 808.354+/-0.255 χ^2/NDF : 324579.0/6

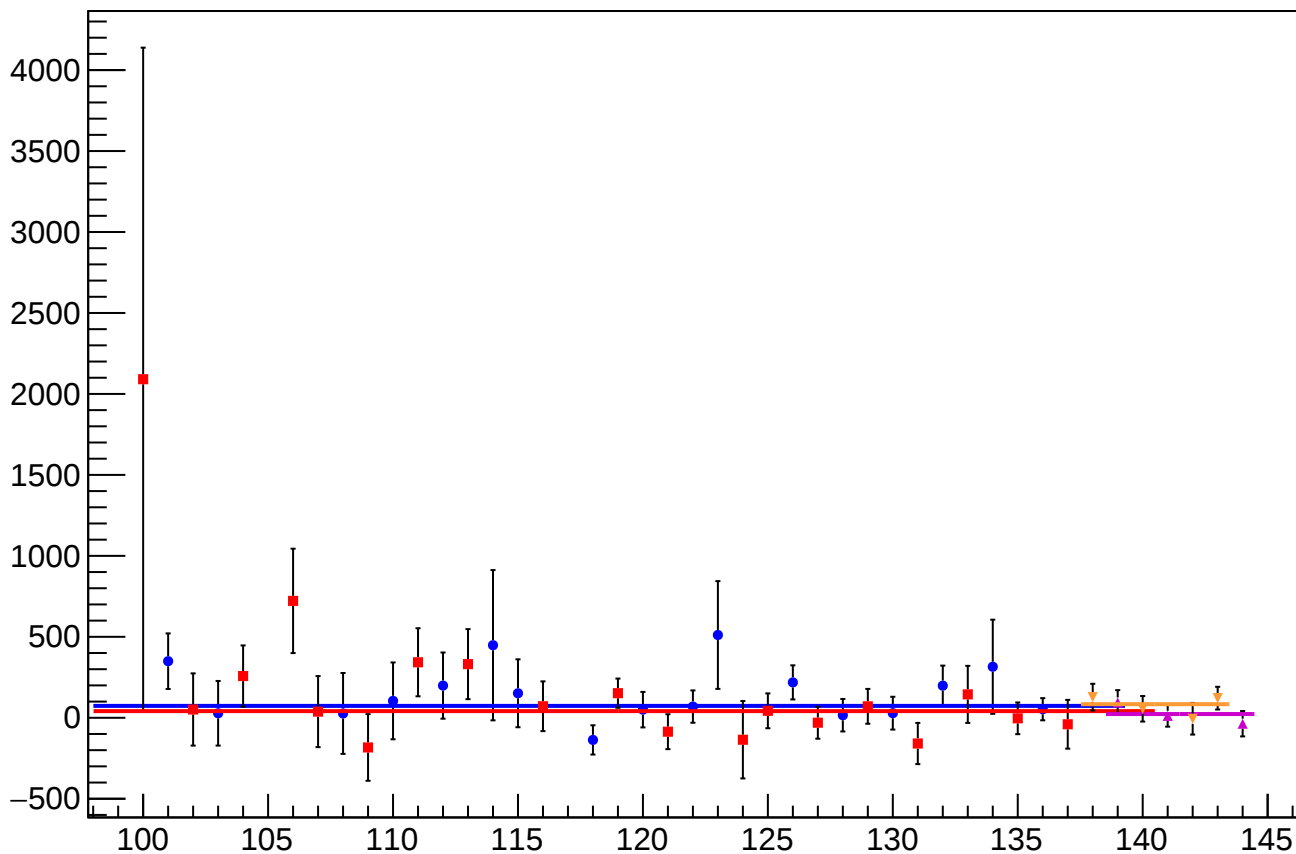
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 770.440+/-0.355 χ^2/NDF : 215261.2/2

Out: 849.156+/-0.368 χ^2/NDF : 85619.1/3

All: 808.354+/-0.255 χ^2/NDF : 324579.0/6

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 83.830 $\pm$ 40.283 χ^2 /NDF:1.5/3

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 23.114 $\pm$ 42.298 χ^2 /NDF:1.5/2

Left: 54.952 $\pm$ 29.171 χ^2 /NDF: 4.1/6

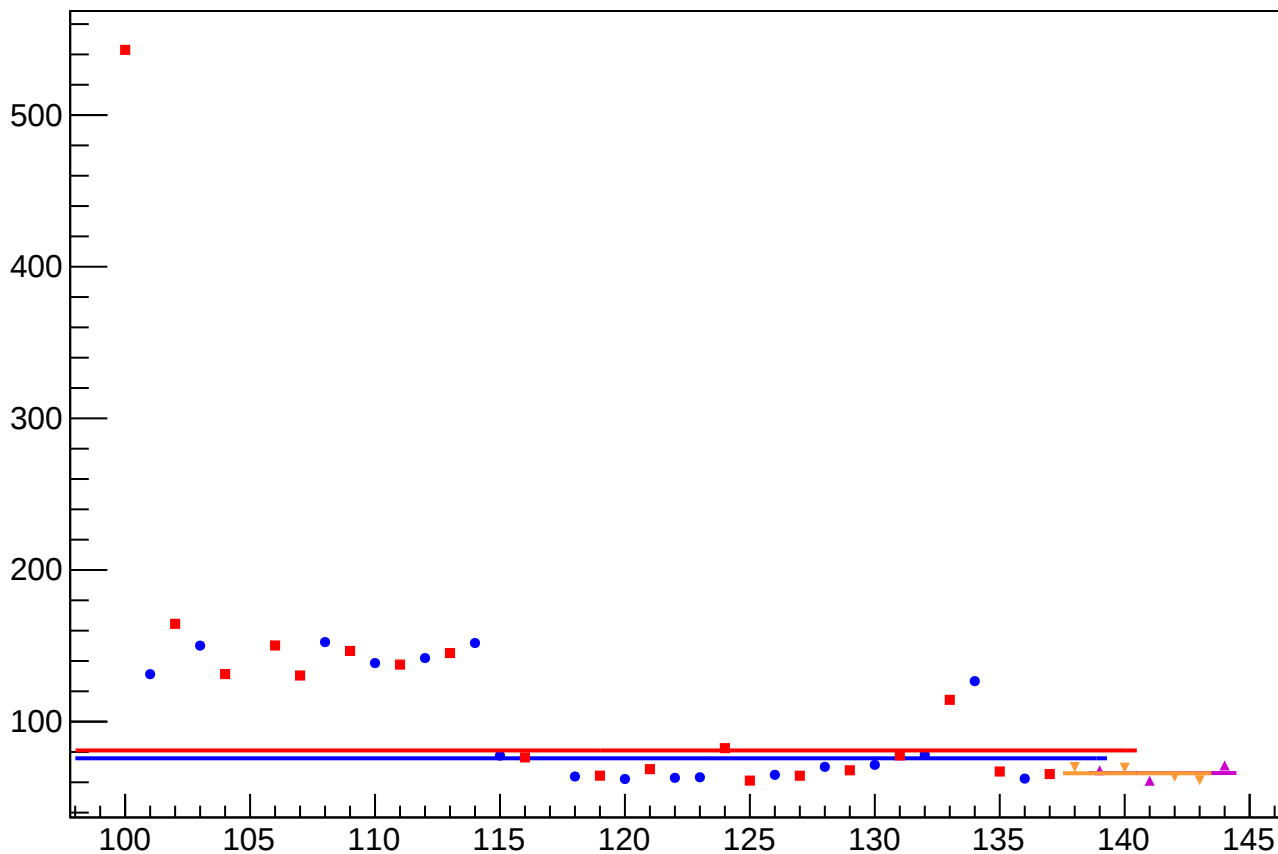
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 55.814 $\pm$ 25.035 χ^2 /NDF:17.7/19

Out: 58.109 $\pm$ 25.407 χ^2 /NDF:21.4/22

All: 56.944 $\pm$ 17.833 χ^2 /NDF: 39.1/42

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 65.954 $\pm$ 0.028 χ^2 /NDF:19096.2/3

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 66.107 $\pm$ 0.030 χ^2 /NDF:20977.1/2

Left: 66.027 $\pm$ 0.021 χ^2 /NDF: 40086.9/6

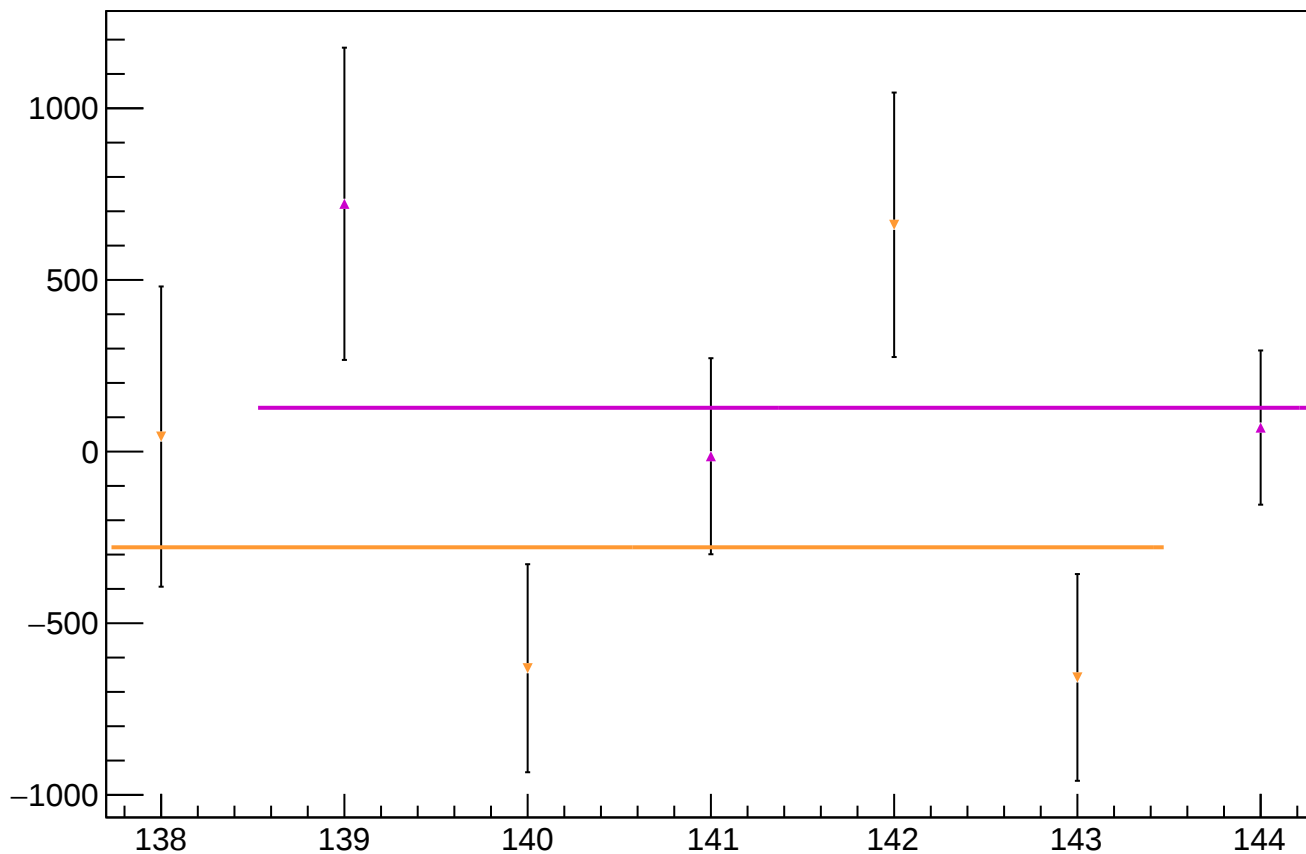
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 72.417 $\pm$ 0.018 χ^2 /NDF:1439458.8/19

Out: 75.014 $\pm$ 0.018 χ^2 /NDF:1815002.1/22

All: 73.697 $\pm$ 0.013 χ^2 /NDF: 3265066.9/42

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: 127.571+/-164.563 χ^2/NDF :2.0/2

Left: -66.893+/-118.831 χ^2/NDF : 14.4/6

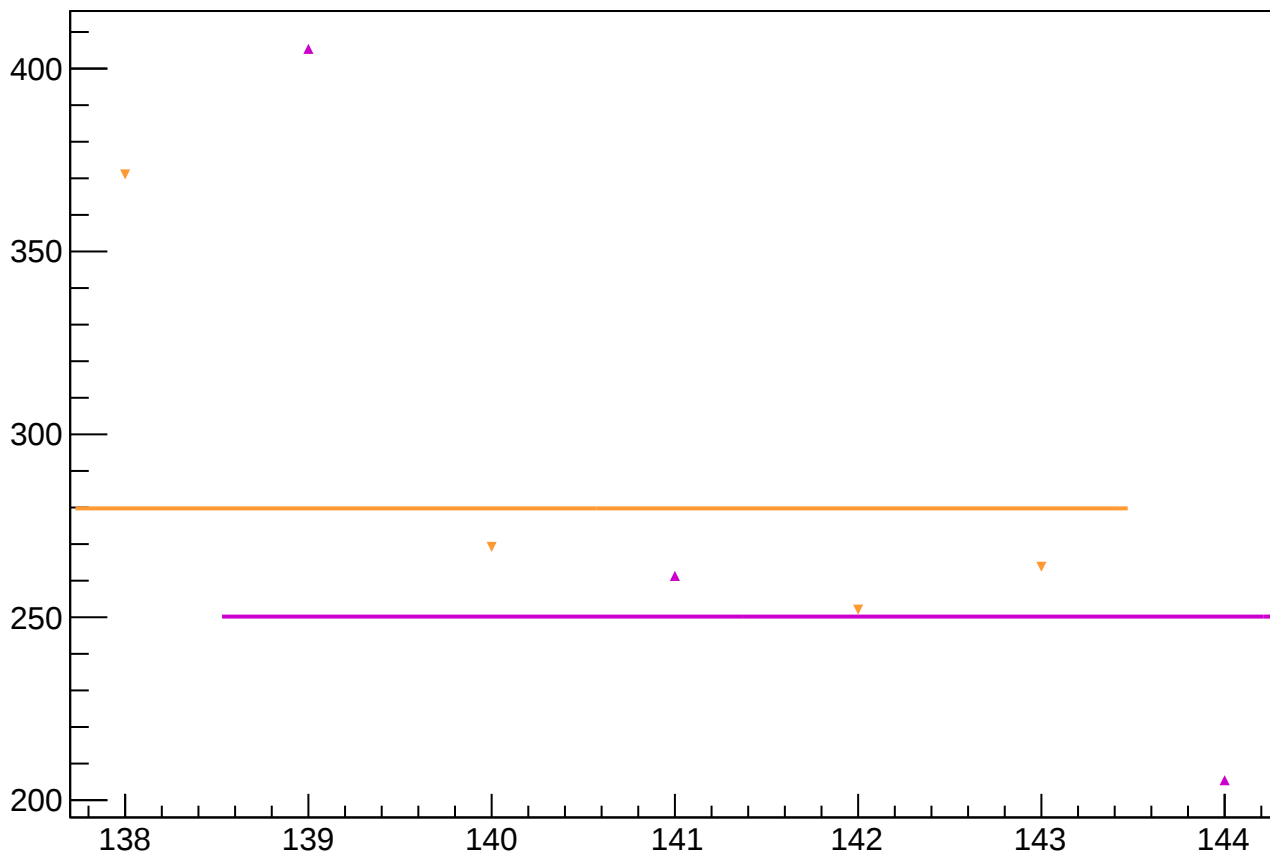
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.571+/-164.563 χ^2/NDF :2.0/2

Out: -278.773+/-171.774 χ^2/NDF :9.4/3

All: -66.893+/-118.831 χ^2/NDF : 14.4/6

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: 250.184+/-0.116 χ^2/NDF :315355.3/2

Left: 264.339+/-0.084 χ^2/NDF : 451826.8/6

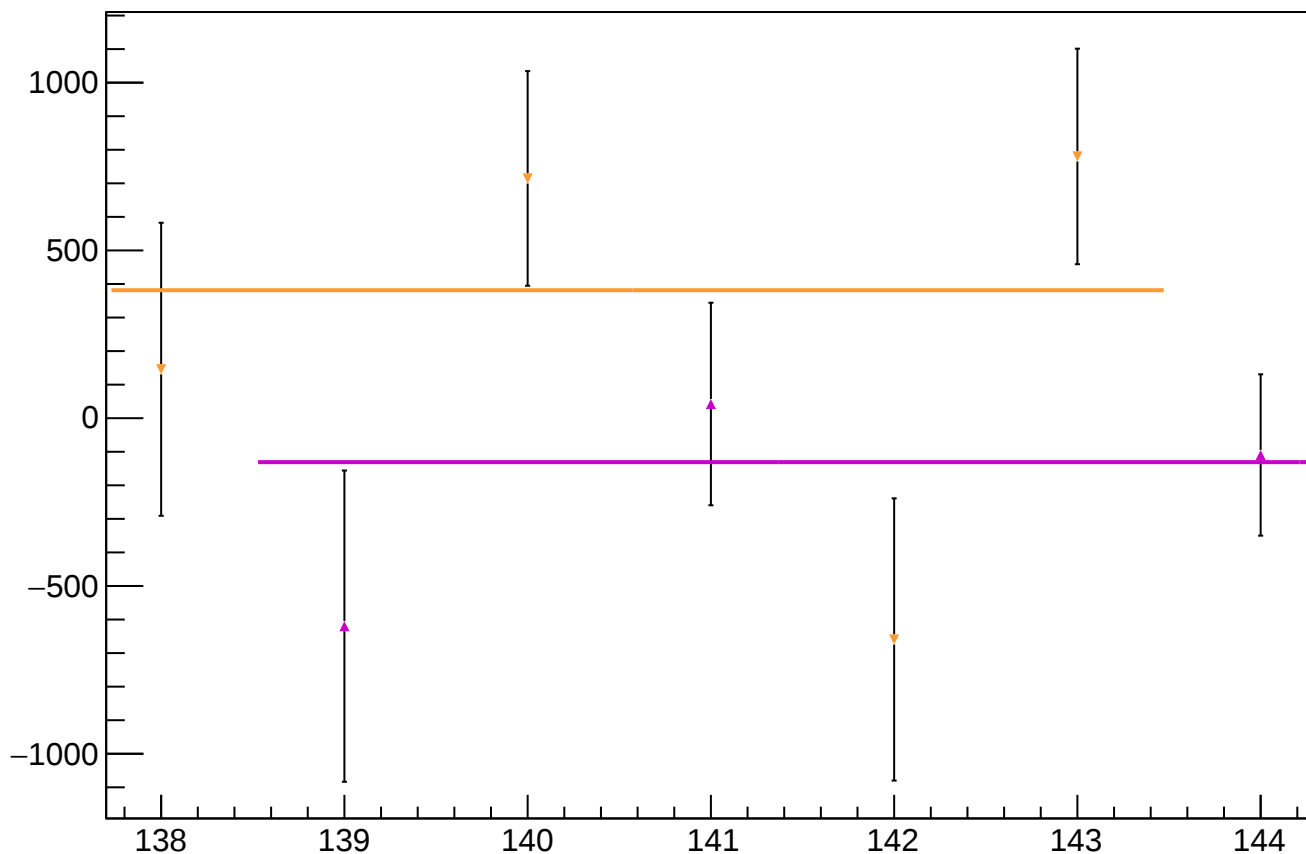
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 250.184+/-0.116 χ^2/NDF :315355.3/2

Out: 279.762+/-0.121 χ^2/NDF :105550.5/3

All: 264.339+/-0.084 χ^2/NDF : 451826.8/6

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: -130.942 ± 174.269 χ^2/NDF : 1.4/2

Left: 114.900 ± 125.694 χ^2/NDF : 14.6/6

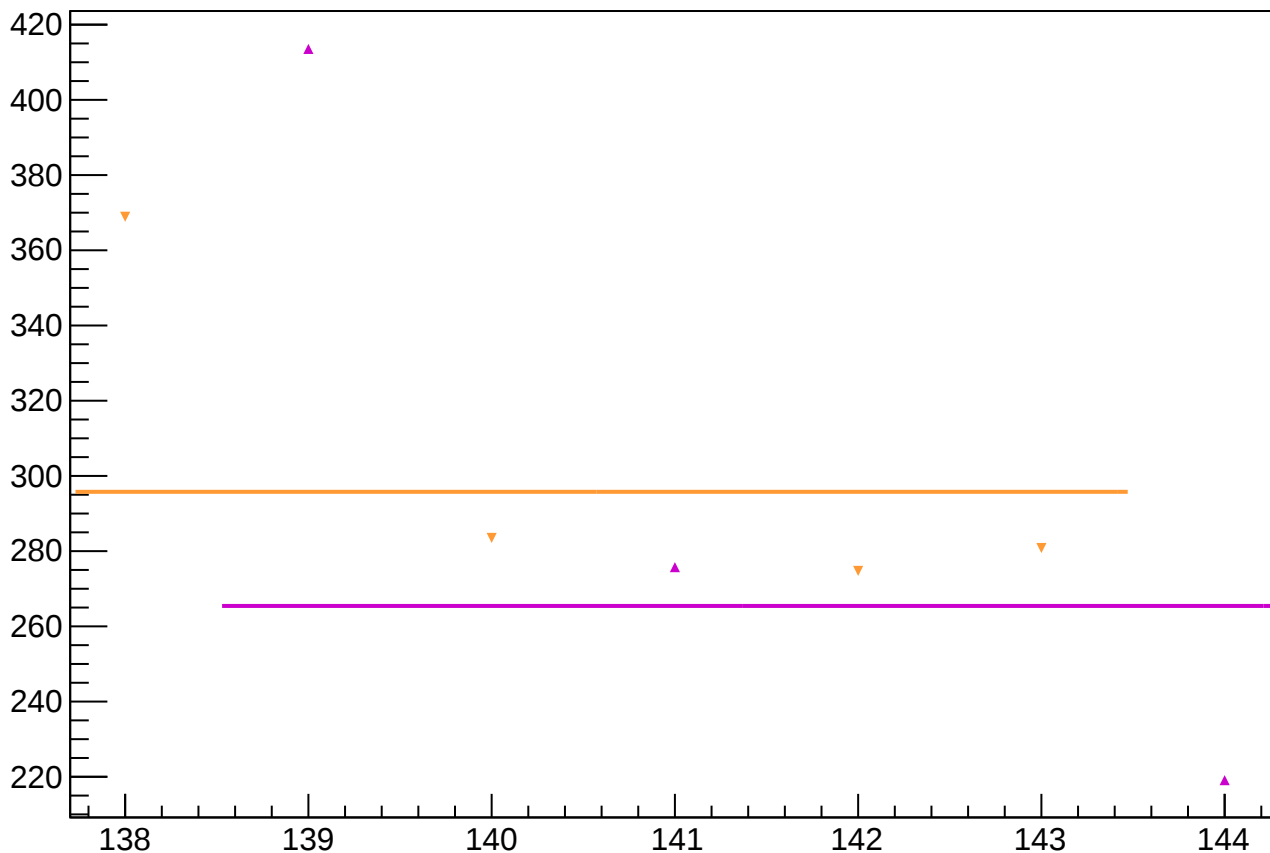
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -130.942 ± 174.269 χ^2/NDF : 1.4/2

Out: 381.470 ± 181.466 χ^2/NDF : 9.0/3

All: 114.900 ± 125.694 χ^2/NDF : 14.6/6

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: 265.430+/-0.123 χ^2/NDF : 280541.2/2

Left: 279.989+/-0.089 χ^2/NDF : 378020.6/6

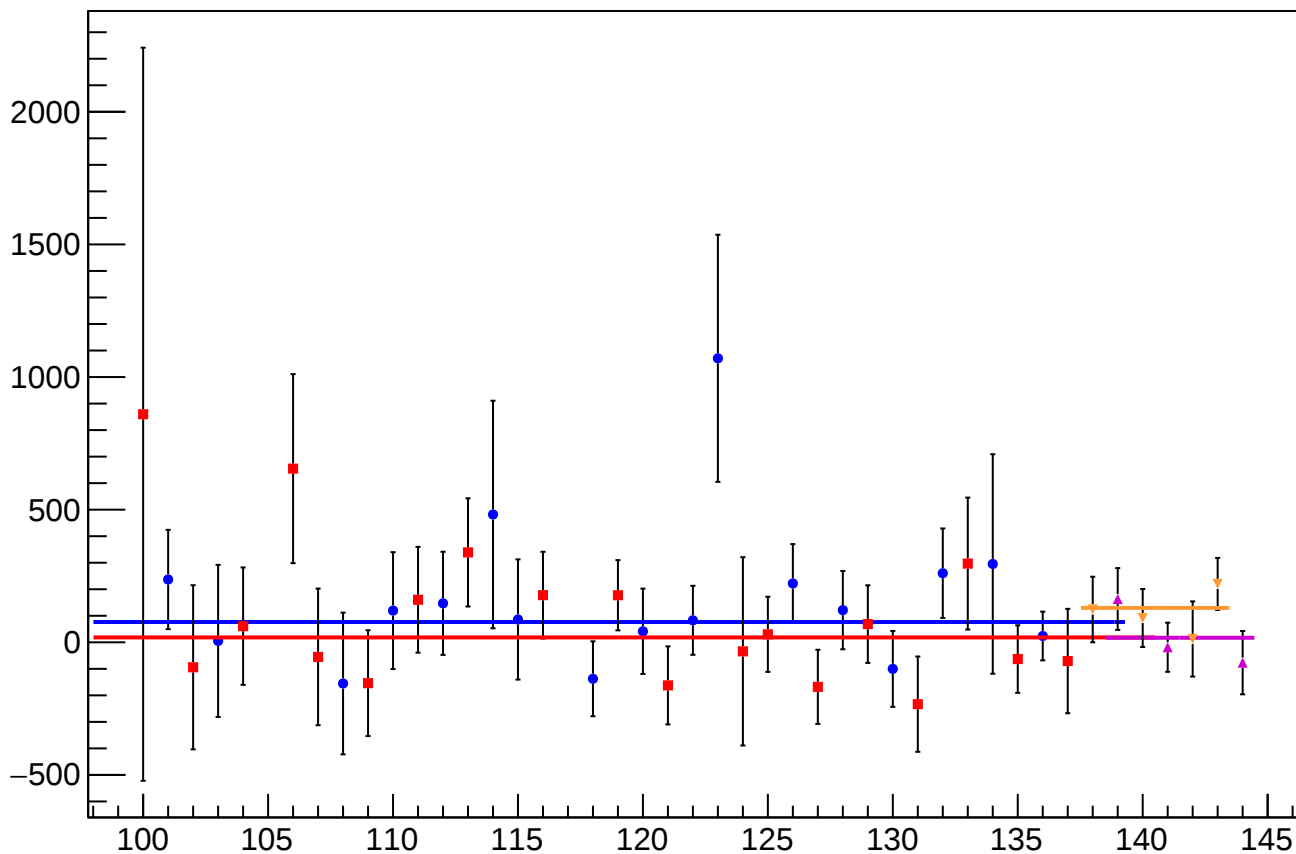
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 265.430+/-0.123 χ^2/NDF : 280541.2/2

Out: 295.777+/-0.128 χ^2/NDF : 68381.5/3

All: 279.989+/-0.089 χ^2/NDF : 378020.6/6

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 129.632 $\pm$ 57.460 χ^2 /NDF:1.7/3

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 17.117 $\pm$ 61.967 χ^2 /NDF:2.3/2

Left: 77.614 $\pm$ 42.134 χ^2 /NDF: 5.8/6

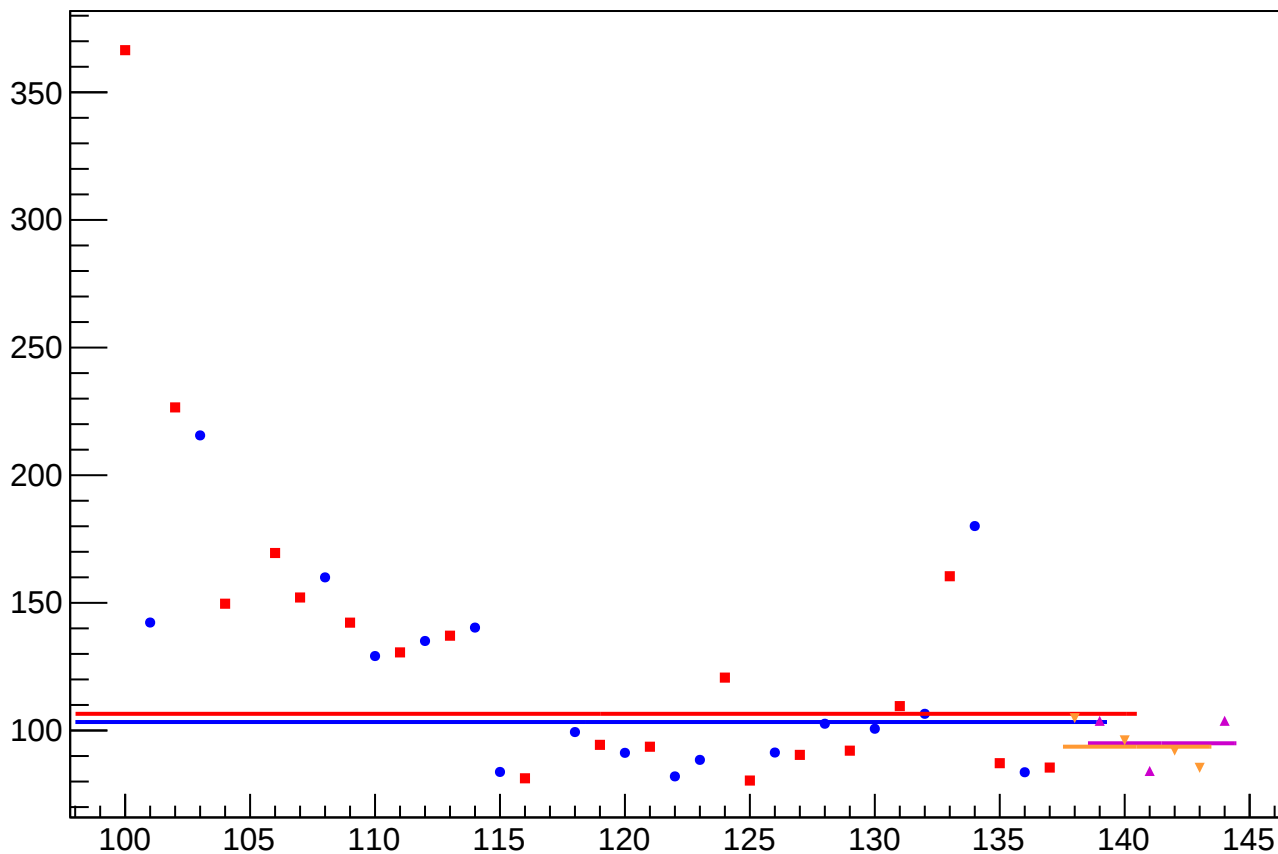
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 58.079 $\pm$ 34.514 χ^2 /NDF:16.9/19

Out: 57.463 $\pm$ 34.053 χ^2 /NDF:21.3/22

All: 57.767 $\pm$ 24.241 χ^2 /NDF: 38.1/42

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 93.661 $\pm$ 0.041 χ^2 /NDF: 31819.1/3

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 94.993 $\pm$ 0.044 χ^2 /NDF: 49706.4/2

Left: 94.277 $\pm$ 0.030 χ^2 /NDF: 82022.6/6

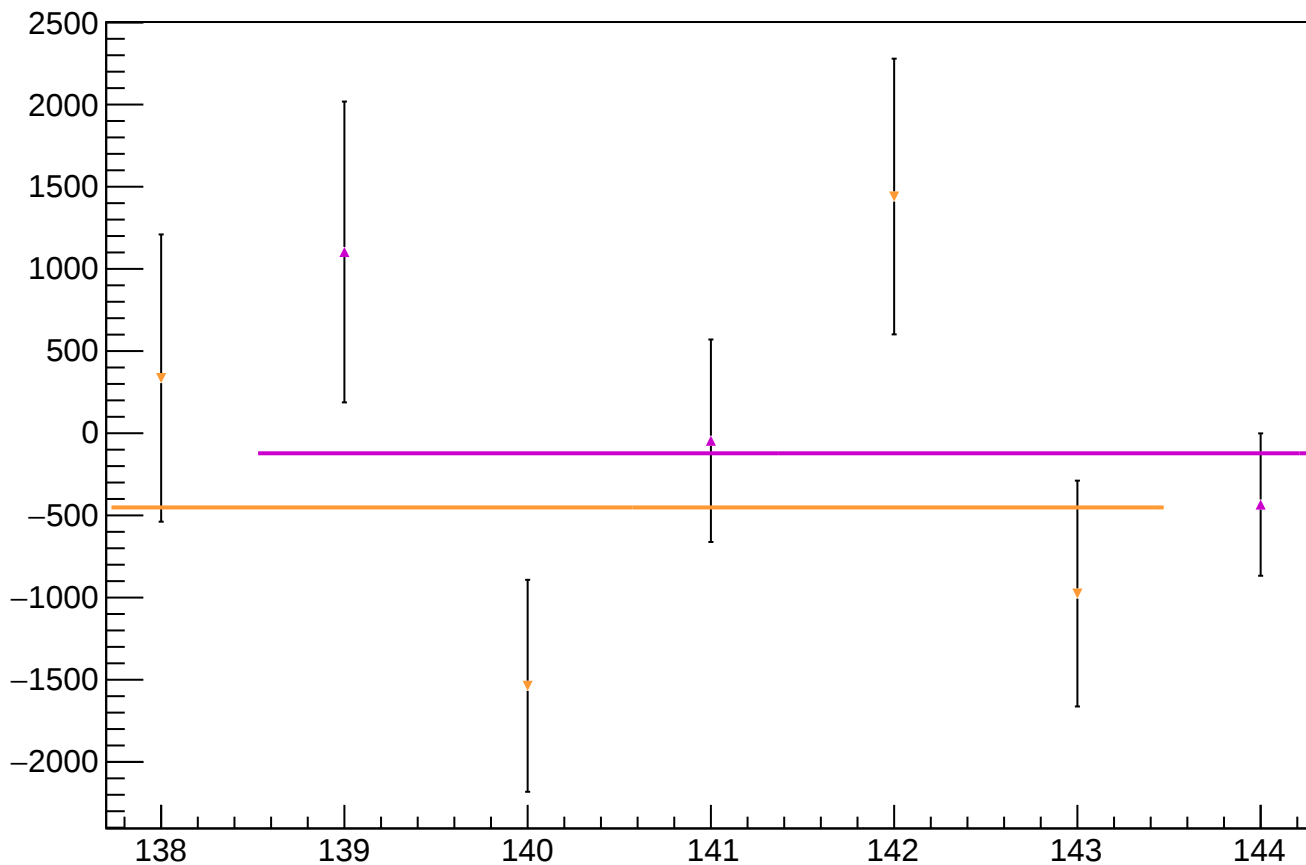
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 100.735 $\pm$ 0.024 χ^2 /NDF: 912403.7/19

Out: 102.012 $\pm$ 0.024 χ^2 /NDF: 1168480.7/22

All: 101.382 $\pm$ 0.017 χ^2 /NDF: 2082270.6/42

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: -121.994+/-330.443 χ^2/NDF : 2.3/2

Left: -267.661+/-246.846 χ^2/NDF : 12.1/6

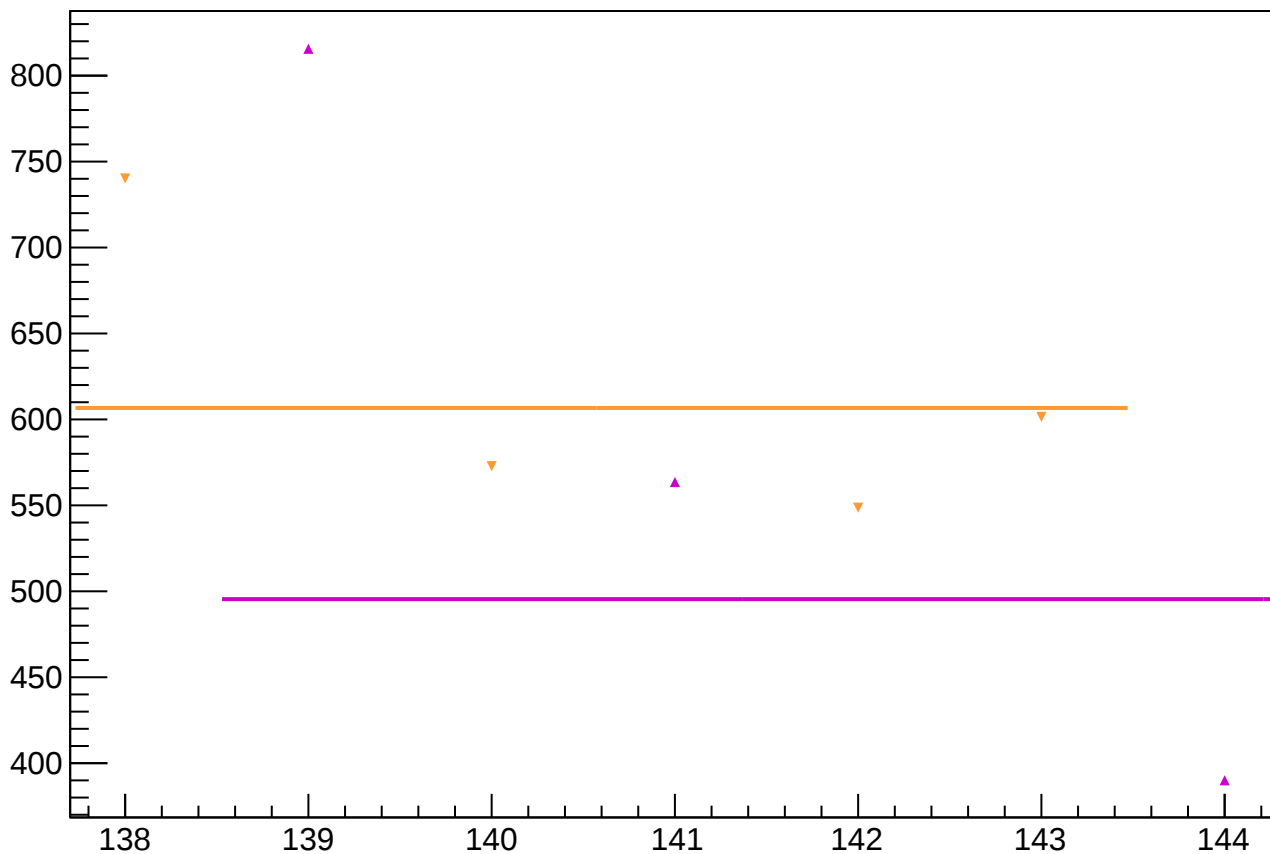
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -121.994+/-330.443 χ^2/NDF : 2.3/2

Out: -451.579+/-371.305 χ^2/NDF : 9.3/3

All: -267.661+/-246.846 χ^2/NDF : 12.1/6

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: 495.445+/-0.234 χ^2/NDF : 387585.5/2

Left: 544.597+/-0.175 χ^2/NDF : 549582.1/6

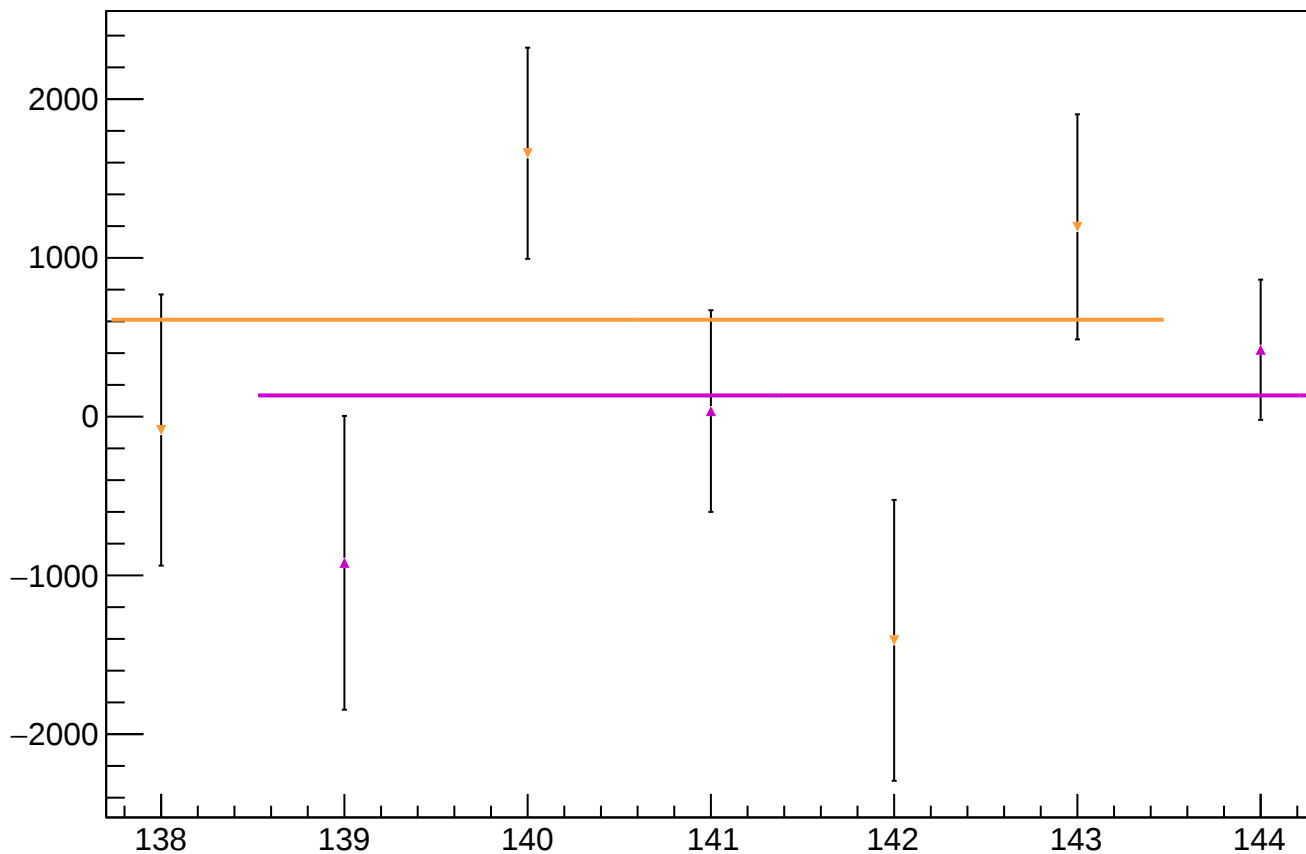
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 495.445+/-0.234 χ^2/NDF : 387585.5/2

Out: 606.657+/-0.263 χ^2/NDF : 61875.3/3

All: 544.597+/-0.175 χ^2/NDF : 549582.1/6

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: 133.546+/-337.622 χ^2/NDF :1.7/2

Left: 343.549+/-252.606 χ^2/NDF : 11.7/6

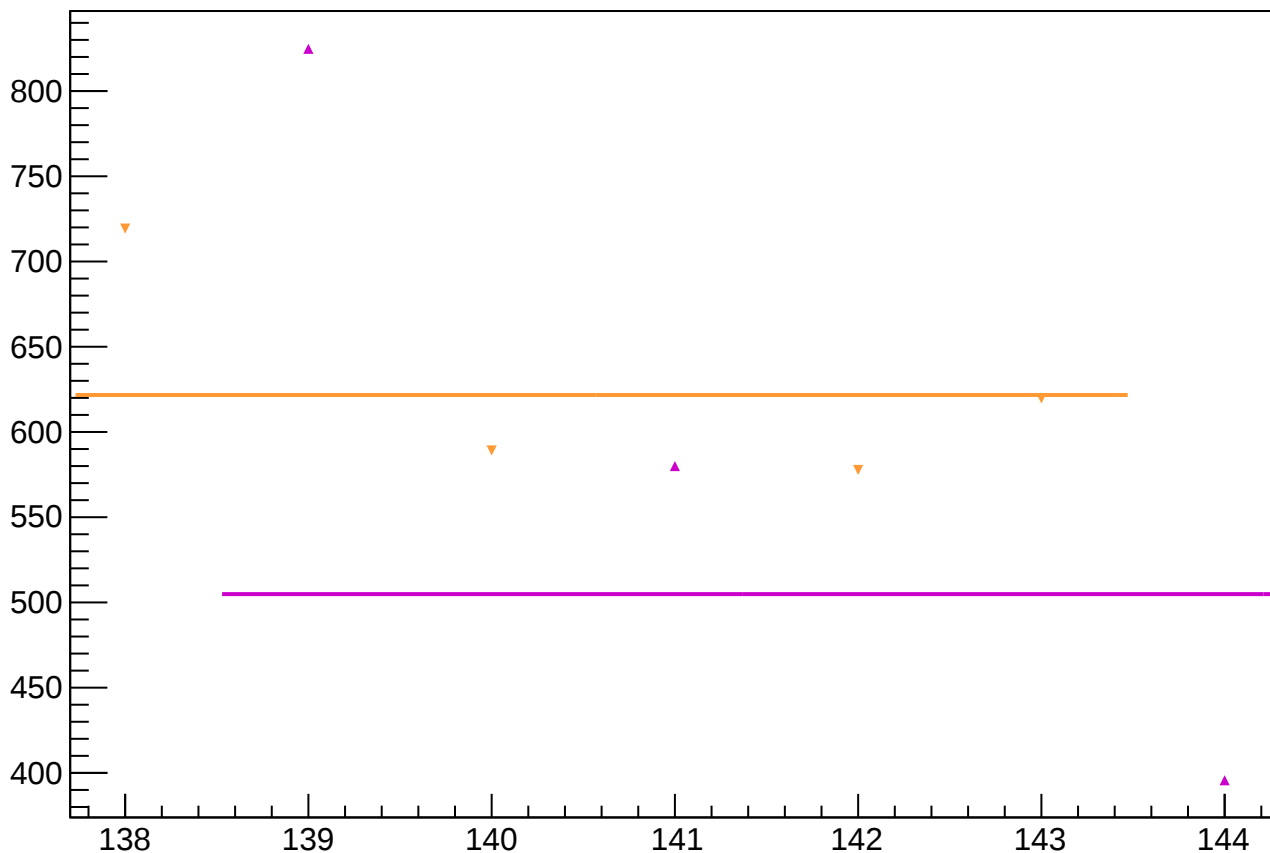
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.546+/-337.622 χ^2/NDF :1.7/2

Out: 610.601+/-380.729 χ^2/NDF :9.0/3

All: 343.549+/-252.606 χ^2/NDF : 11.7/6

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: 504.882+/-0.239 χ^2/NDF : 389300.9/2

Left: 556.306+/-0.179 χ^2/NDF : 530581.6/6

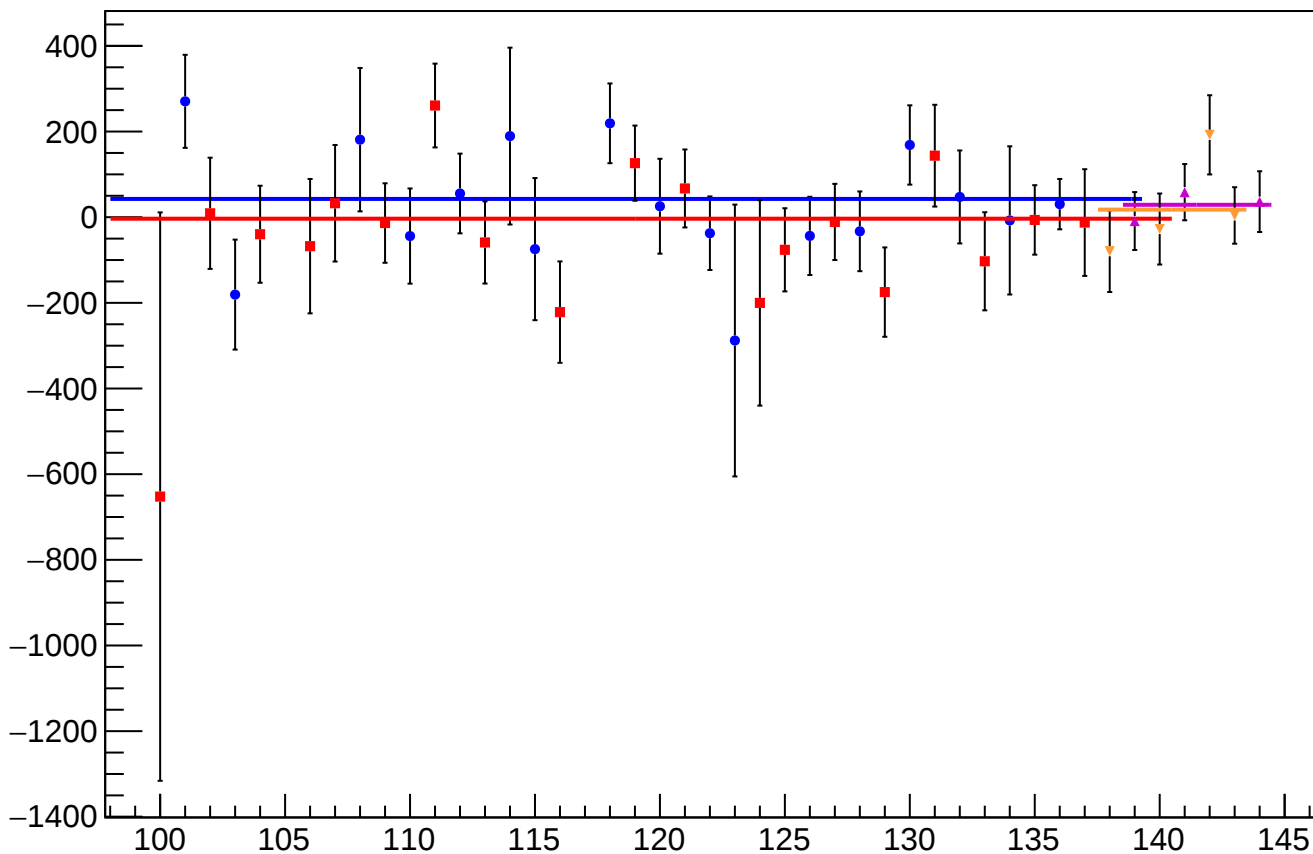
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 504.882+/-0.239 χ^2/NDF : 389300.9/2

Out: 621.700+/-0.269 χ^2/NDF : 35878.7/3

All: 556.306+/-0.179 χ^2/NDF : 530581.6/6

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: 17.680 $\pm$ 40.733 χ^2 /NDF: 4.9/3

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: 28.954 $\pm$ 39.242 χ^2 /NDF: 0.5/2

Left: 23.527 $\pm$ 28.261 χ^2 /NDF: 5.5/6

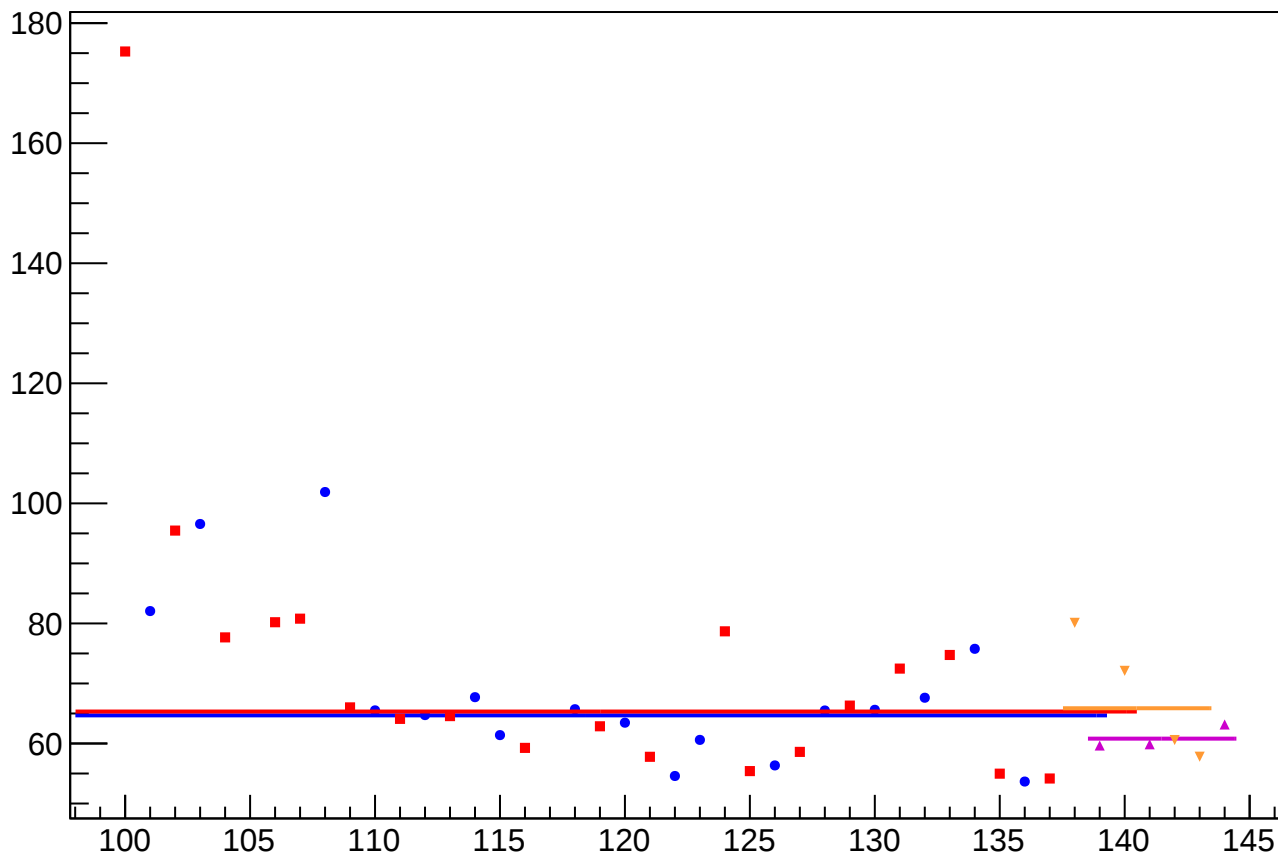
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 38.590 $\pm$ 21.374 χ^2 /NDF: 19.5/19

Out: 2.316 $\pm$ 21.350 χ^2 /NDF: 26.5/22

All: 20.433 $\pm$ 15.105 χ^2 /NDF: 47.4/42

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 65.871 $\pm$ 0.029 χ^2 /NDF: 92474.2/3

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 60.808 $\pm$ 0.028 χ^2 /NDF: 3192.1/2

Left: 63.245 $\pm$ 0.020 χ^2 /NDF: 111691.5/6

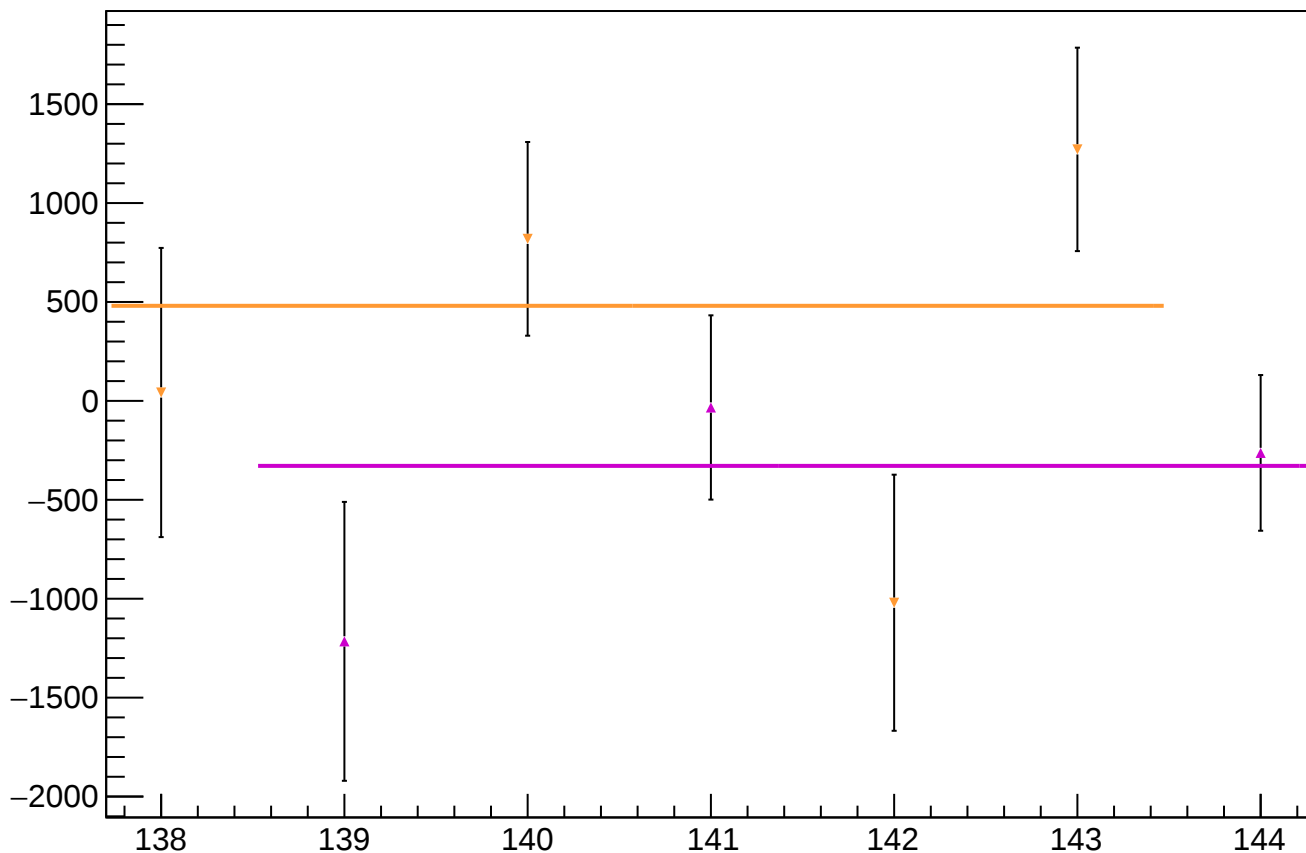
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 63.535 $\pm$ 0.015 χ^2 /NDF: 417111.6/19

Out: 65.475 $\pm$ 0.015 χ^2 /NDF: 452306.3/22

All: 64.506 $\pm$ 0.011 χ^2 /NDF: 877660.2/42

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: -328.534 ± 276.500 χ^2/NDF : 2.0/2

Left: 62.171 ± 198.836 χ^2/NDF : 14.7/6

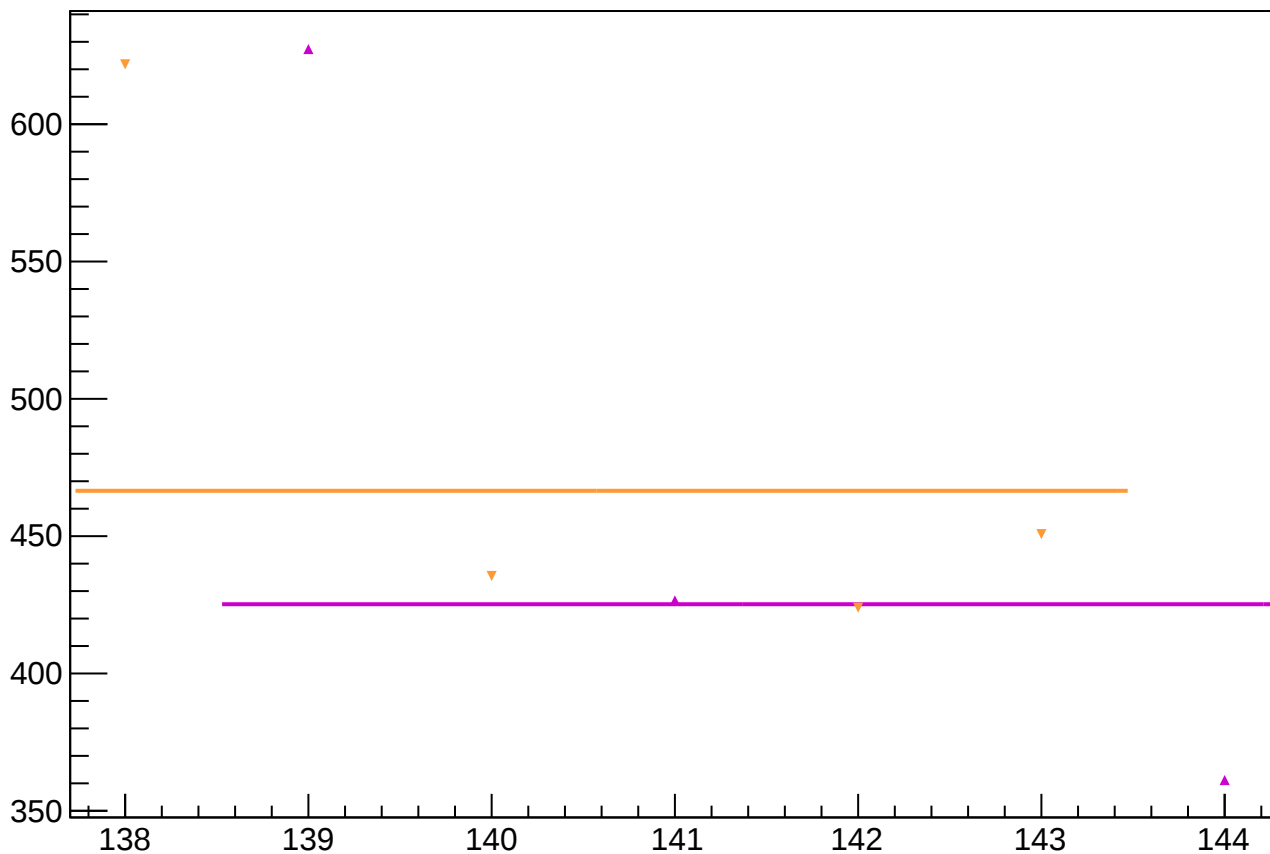
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -328.534 ± 276.500 χ^2/NDF : 2.0/2

Out: 480.599 ± 286.141 χ^2/NDF : 8.6/3

All: 62.171 ± 198.836 χ^2/NDF : 14.7/6

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: 425.219+/-0.196 χ^2/NDF :217431.2/2

Left: 445.164+/-0.141 χ^2/NDF : 347812.1/6

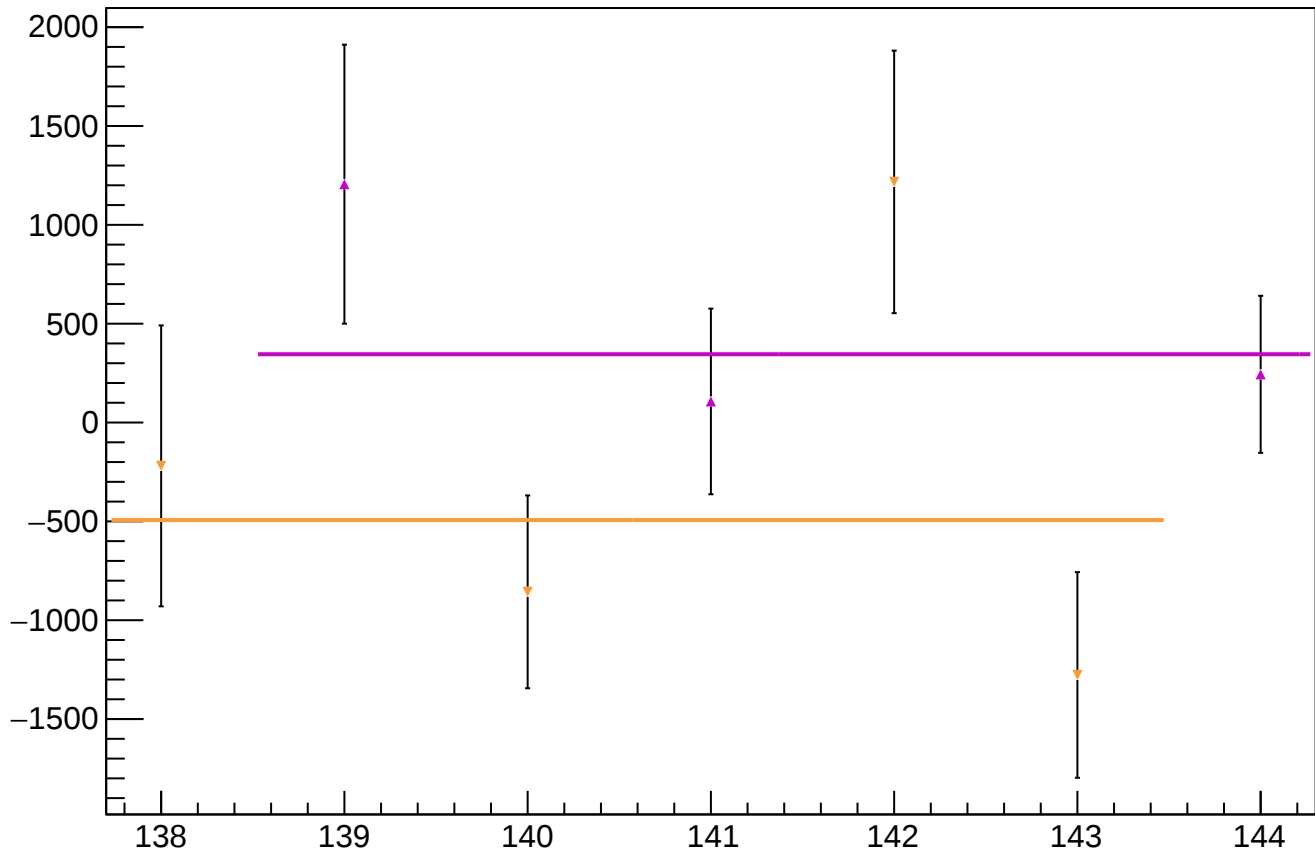
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 425.219+/-0.196 χ^2/NDF :217431.2/2

Out: 466.524+/-0.202 χ^2/NDF :108829.7/3

All: 445.164+/-0.141 χ^2/NDF : 347812.1/6

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -493.293+/-286.941 χ^2/NDF :9.6/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 345.477+/-278.641 χ^2/NDF :1.8/2

Left: -61.600+/-199.899 χ^2/NDF : 15.8/6

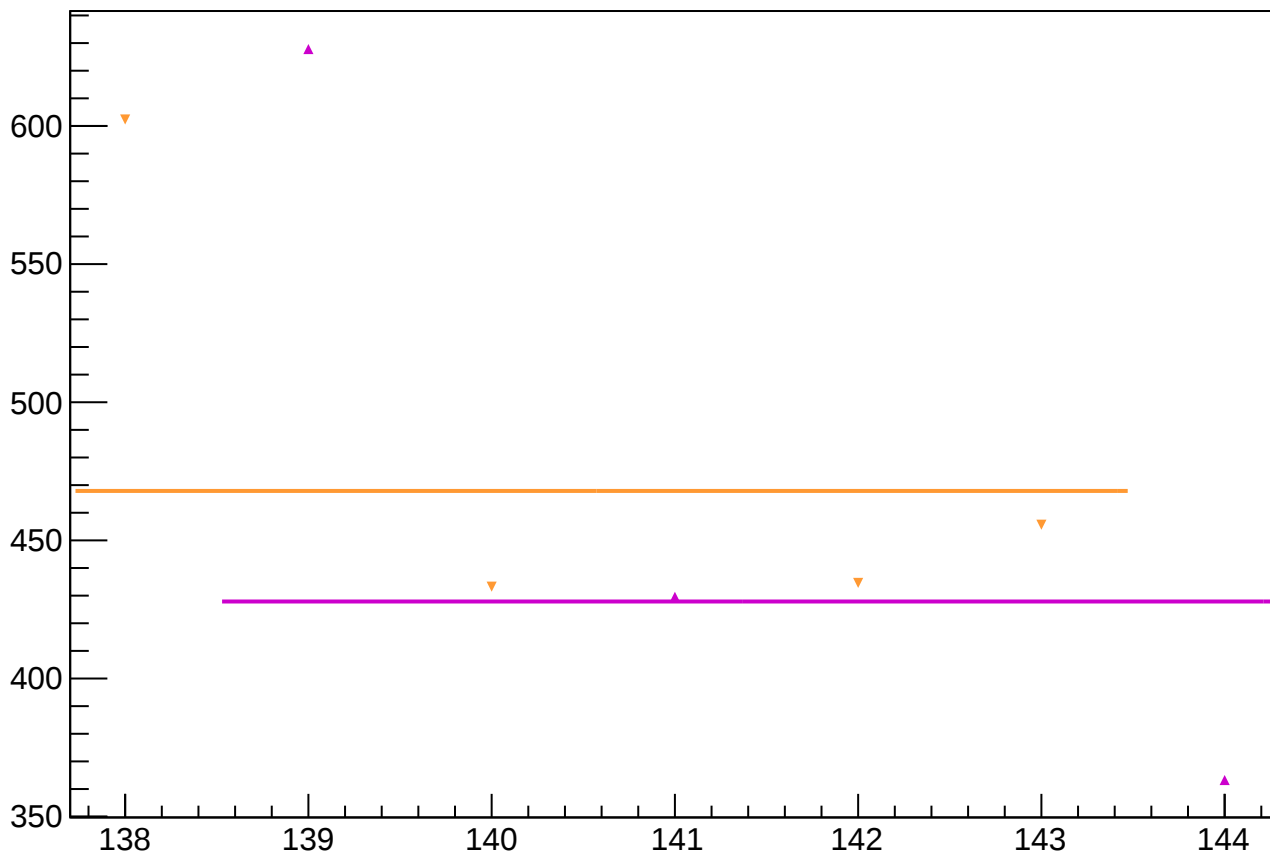
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 345.477+/-278.641 χ^2/NDF :1.8/2

Out: -493.293+/-286.941 χ^2/NDF :9.6/3

All: -61.600+/-199.899 χ^2/NDF : 15.8/6

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: 427.878+/-0.197 χ^2/NDF : 213540.4/2

Left: 447.301+/-0.141 χ^2/NDF : 321384.1/6

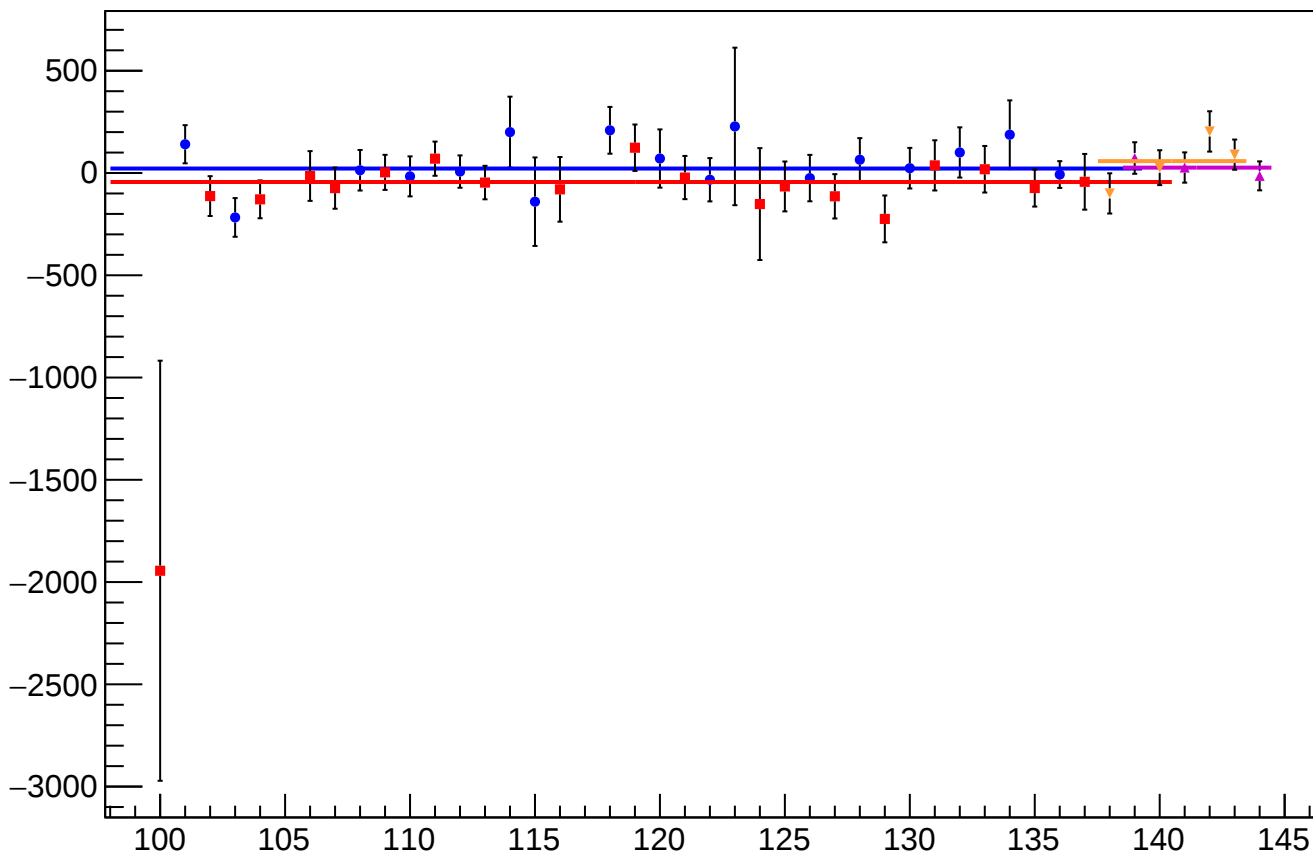
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 427.878+/-0.197 χ^2/NDF : 213540.4/2

Out: 467.898+/-0.203 χ^2/NDF : 87820.8/3

All: 447.301+/-0.141 χ^2/NDF : 321384.1/6

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 58.171 $\pm$ 43.540 χ^2 /NDF: 5.1/3

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 26.335 $\pm$ 42.637 χ^2 /NDF: 0.7/2

Left: 41.920 $\pm$ 30.463 χ^2 /NDF: 6.0/6

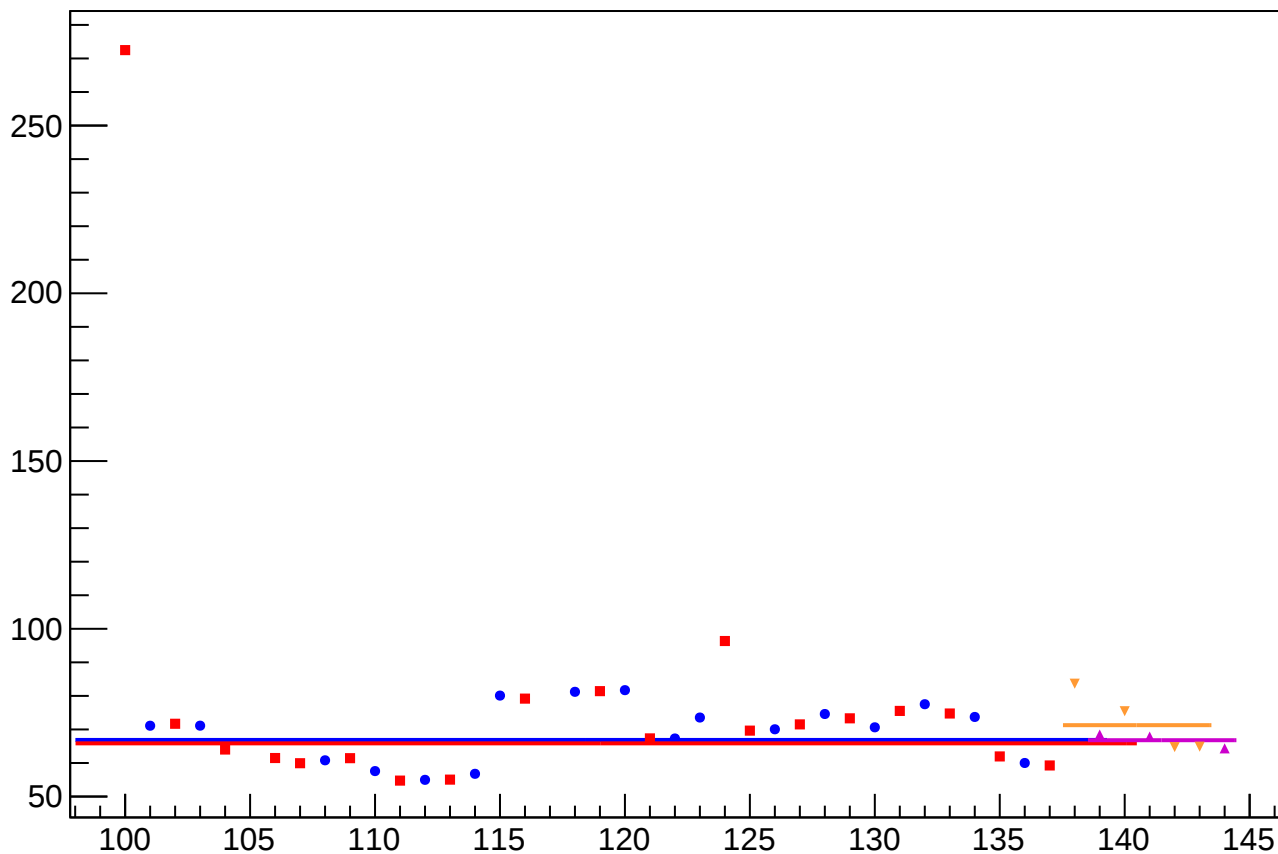
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 23.111 $\pm$ 22.232 χ^2 /NDF: 15.8/19

Out: -18.467 $\pm$ 21.751 χ^2 /NDF: 22.5/22

All: 1.867 $\pm$ 15.548 χ^2 /NDF: 40.0/42

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 71.275 $\pm$ 0.031 χ^2 /NDF: 60237.4/3

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 66.792 $\pm$ 0.030 χ^2 /NDF: 3750.8/2

Left: 68.987 $\pm$ 0.022 χ^2 /NDF: 74812.4/6

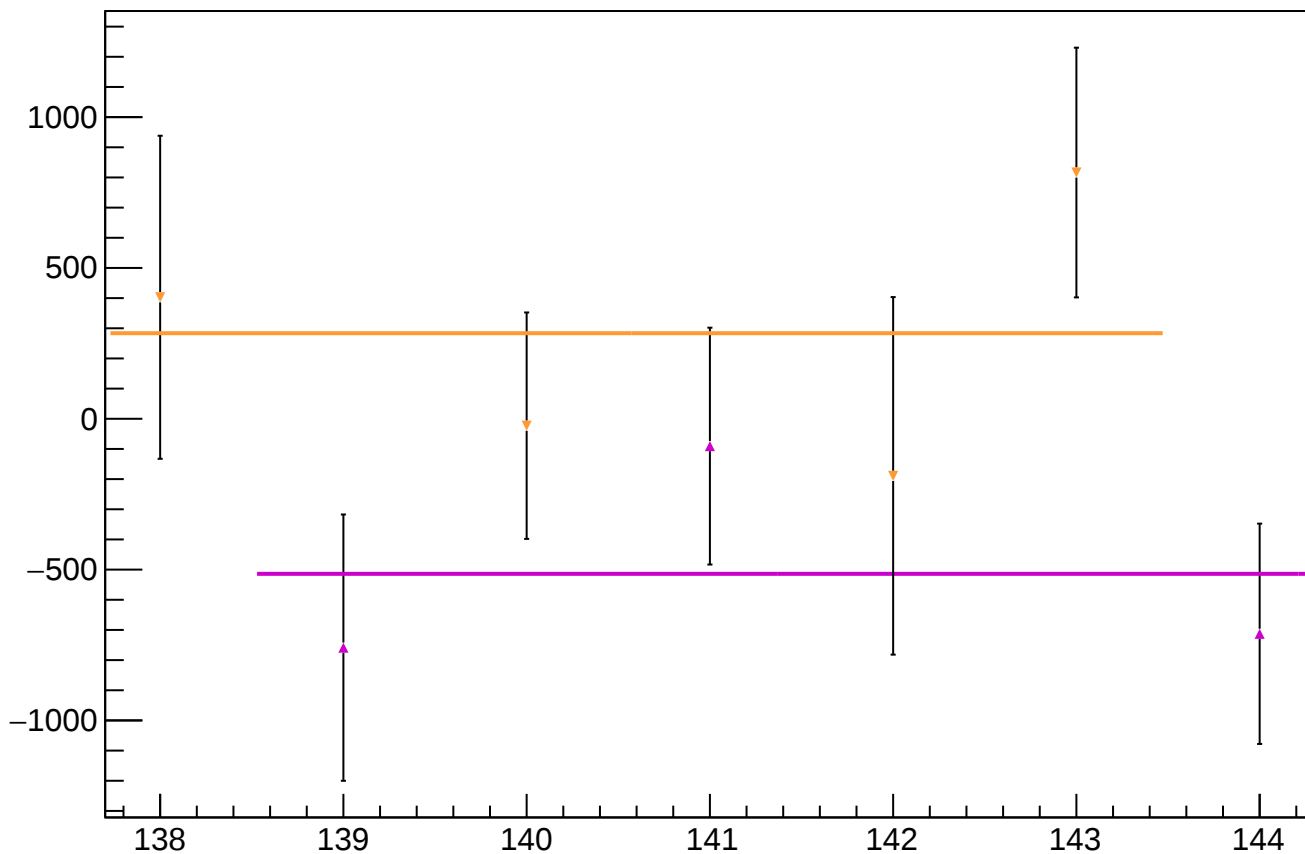
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 66.850 $\pm$ 0.016 χ^2 /NDF: 206271.5/19

Out: 67.207 $\pm$ 0.015 χ^2 /NDF: 383378.9/22

All: 67.033 $\pm$ 0.011 χ^2 /NDF: 589913.5/42

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: -513.999+/-228.704 χ^2/NDF : 1.8/2

Left: -113.553+/-161.398 χ^2/NDF : 10.9/6

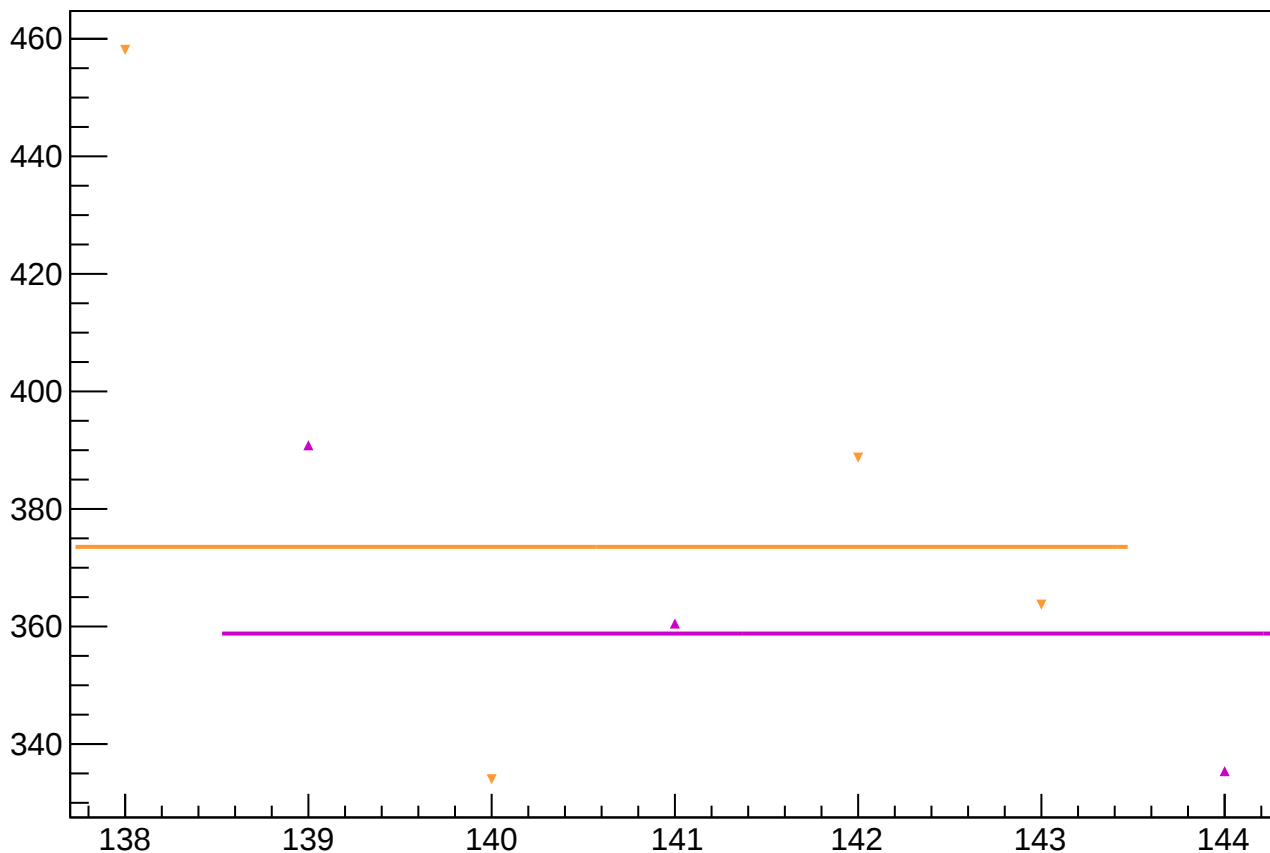
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -513.999+/-228.704 χ^2/NDF : 1.8/2

Out: 283.740+/-227.802 χ^2/NDF : 3.0/3

All: -113.553+/-161.398 χ^2/NDF : 10.9/6

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: 358.800+/-0.162 χ^2/NDF :18794.0/2

Left: 366.206+/-0.114 χ^2/NDF : 97489.5/6

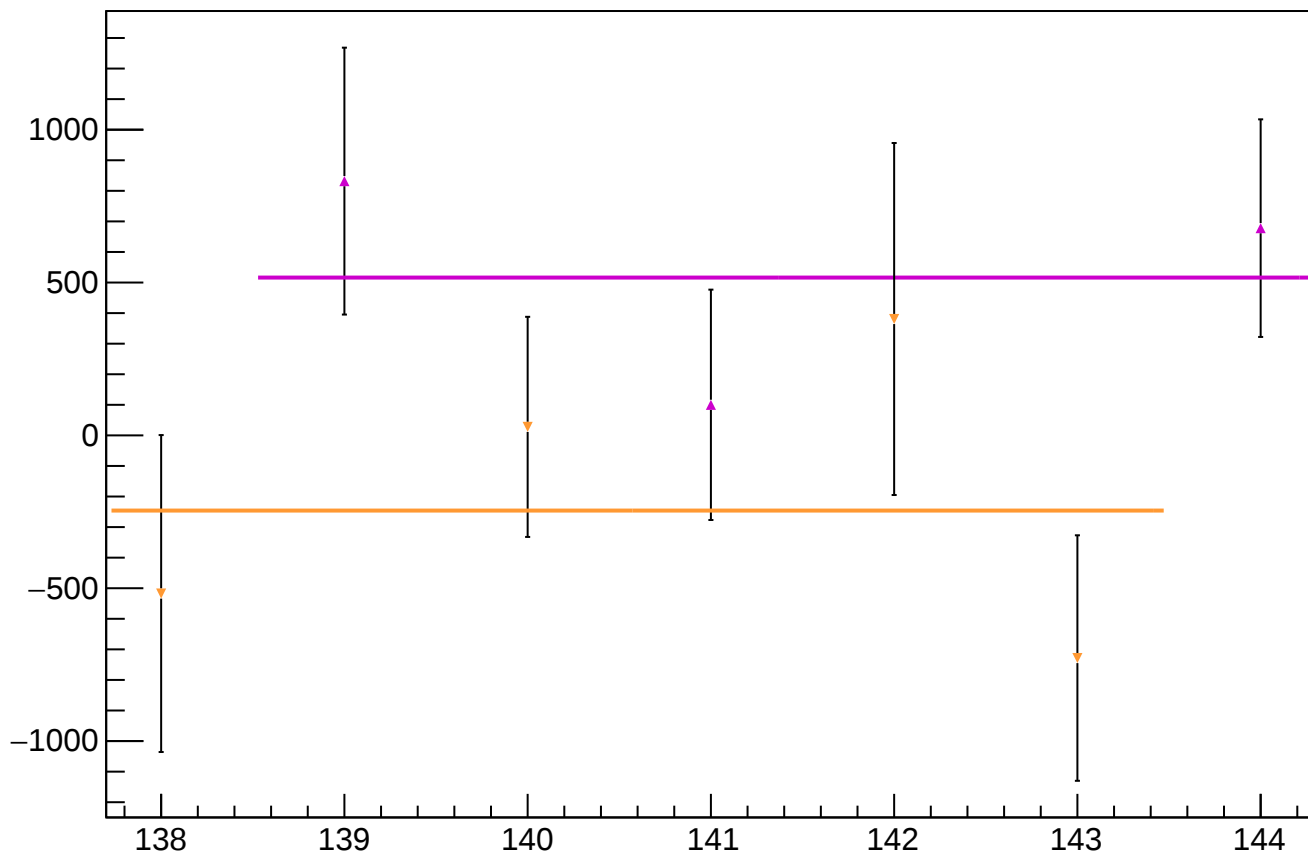
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 358.800+/-0.162 χ^2/NDF :18794.0/2

Out: 373.553+/-0.161 χ^2/NDF :74517.7/3

All: 366.206+/-0.114 χ^2/NDF : 97489.5/6

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: 516.244+/-222.577 χ^2/NDF :1.9/2

Left: 130.796+/-156.482 χ^2/NDF : 11.4/6

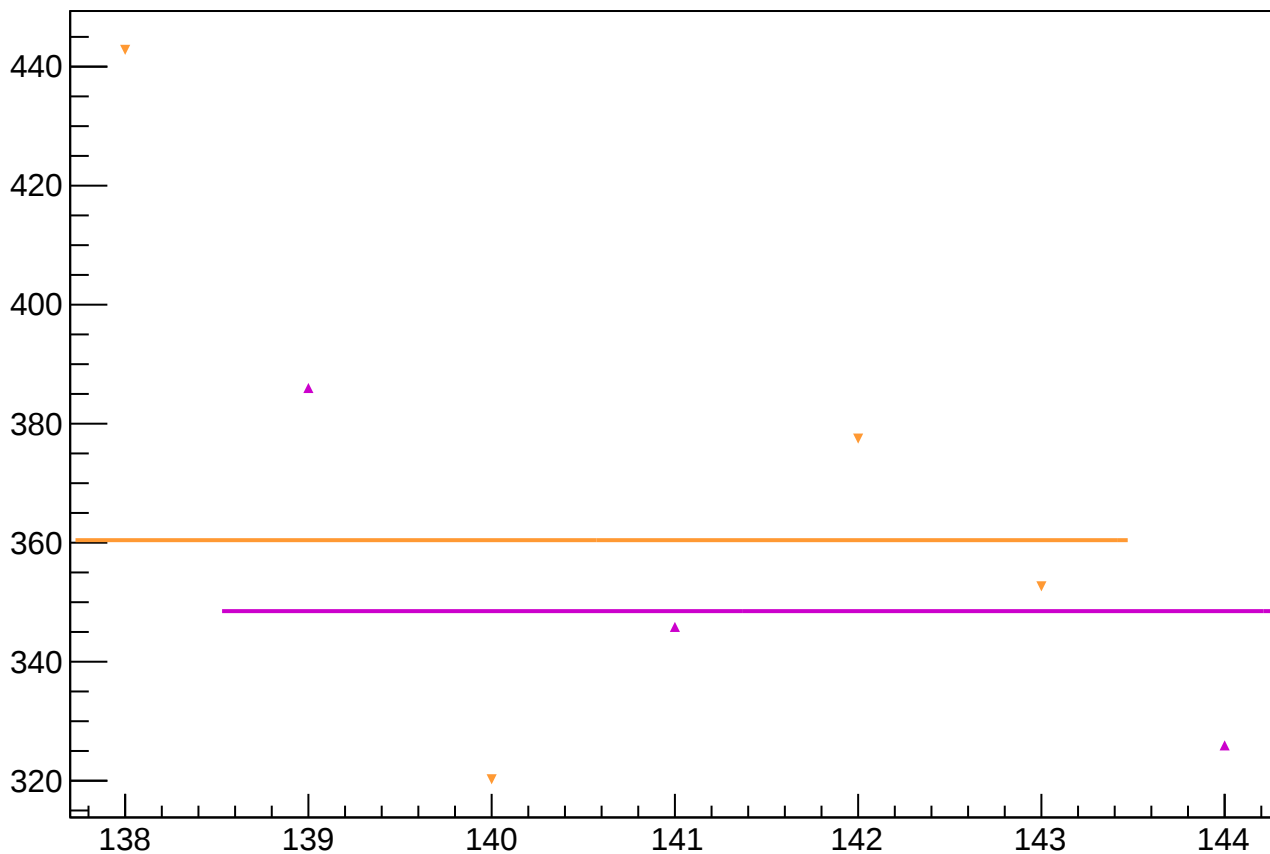
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 516.244+/-222.577 χ^2/NDF :1.9/2

Out: -245.928+/-220.044 χ^2/NDF :3.5/3

All: 130.796+/-156.482 χ^2/NDF : 11.4/6

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: 348.501+/-0.157 χ^2/NDF : 22891.6/2

Left: 354.531+/-0.111 χ^2/NDF : 103730.4/6

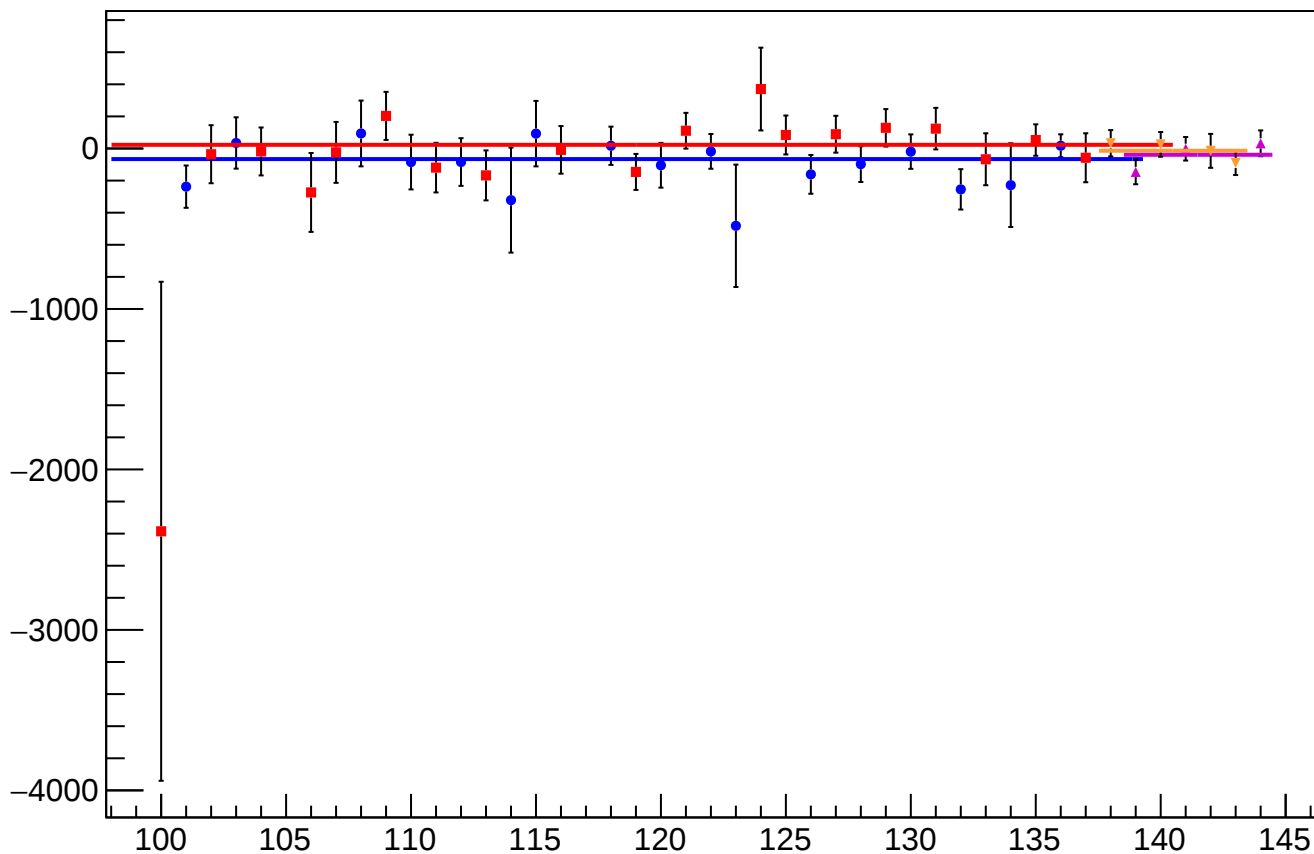
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.501+/-0.157 χ^2/NDF : 22891.6/2

Out: 360.425+/-0.156 χ^2/NDF : 77936.3/3

All: 354.531+/-0.111 χ^2/NDF : 103730.4/6

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -13.986 ± 41.396 χ^2/NDF : 1.6/3

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -39.175 ± 44.325 χ^2/NDF : 3.0/2

Left: -25.721 ± 30.254 χ^2/NDF : 4.8/6

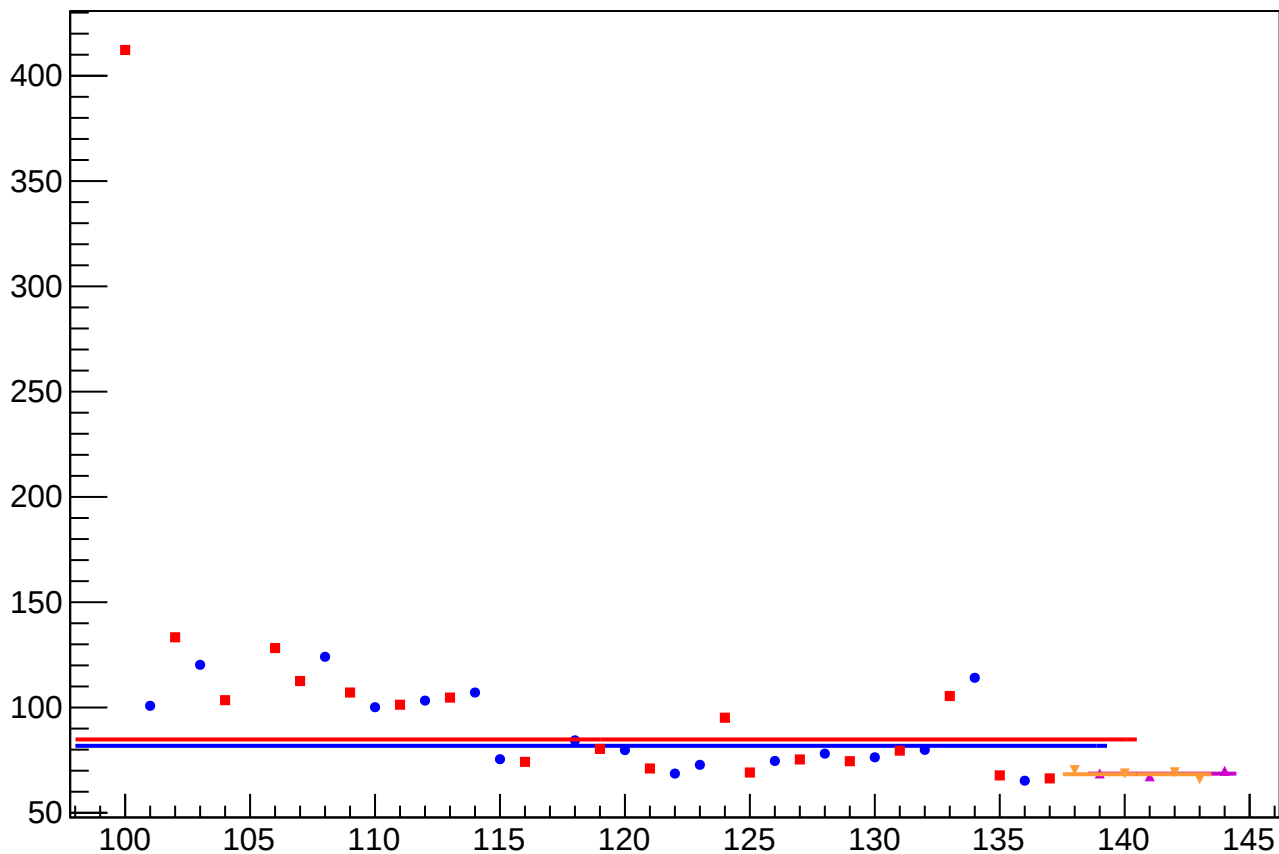
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -56.684 ± 26.099 χ^2/NDF : 14.0/19

Out: 8.688 ± 25.700 χ^2/NDF : 17.4/22

All: -23.494 ± 18.312 χ^2/NDF : 34.6/42

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 68.319+/-0.029 χ^2/NDF : 3327.2/3

Right Out: 84.836+/-0.023 χ^2/NDF : 704648.9/18

Left In: 68.593+/-0.031 χ^2/NDF : 1155.1/2

Left: 68.447+/-0.021 χ^2/NDF : 4523.3/6

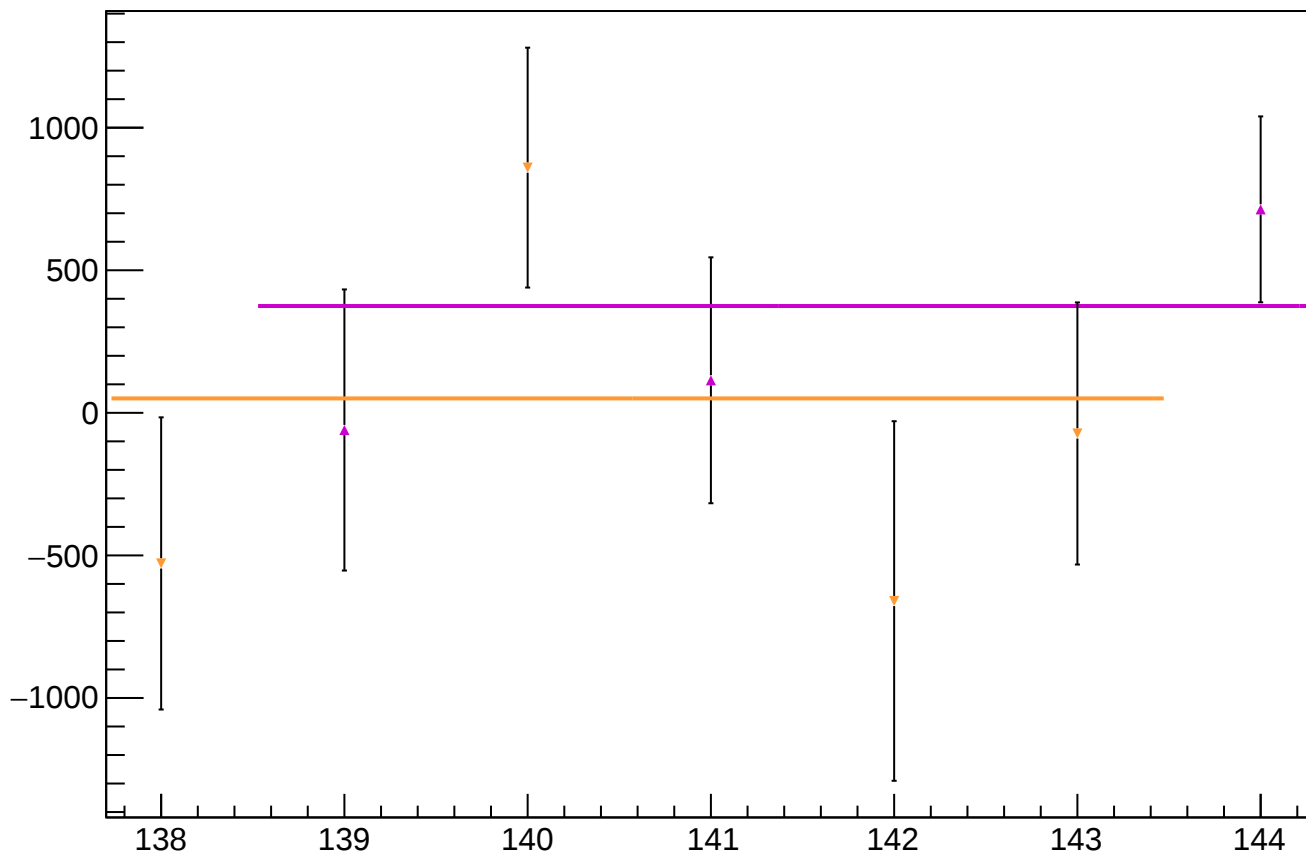
Right: 83.300+/-0.016 χ^2/NDF : 1220504.3/35

In: 77.227+/-0.018 χ^2/NDF : 624497.6/19

Out: 78.470+/-0.018 χ^2/NDF : 903678.3/22

All: 77.858+/-0.013 χ^2/NDF : 1530478.8/42

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 50.609 $\pm$ 244.624 χ^2 /NDF:6.3/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 374.624 $\pm$ 229.993 χ^2 /NDF:2.2/2

Left: 222.595 $\pm$ 167.564 χ^2 /NDF: 9.5/6

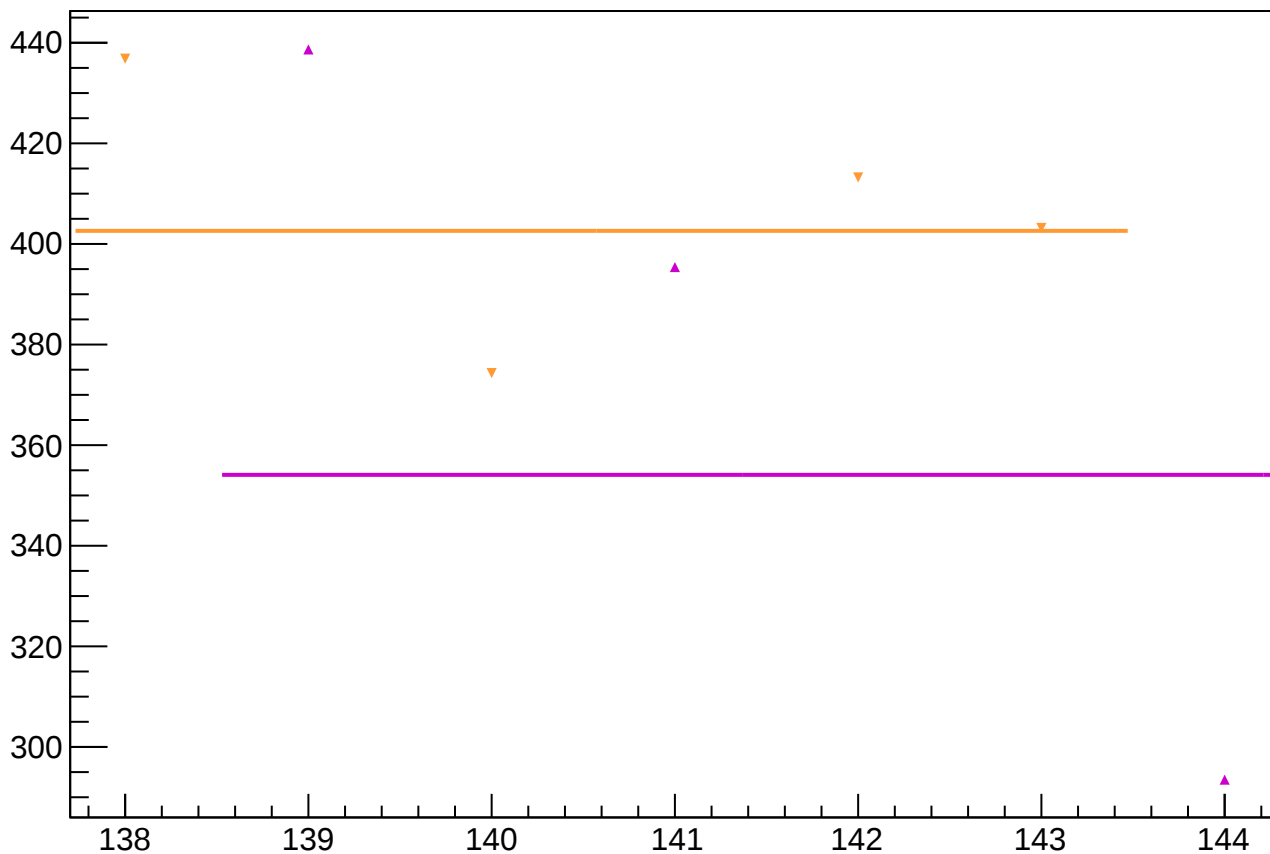
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 374.624 $\pm$ 229.993 χ^2 /NDF:2.2/2

Out: 50.609 $\pm$ 244.624 χ^2 /NDF:6.3/3

All: 222.595 $\pm$ 167.564 χ^2 /NDF: 9.5/6

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: 354.096+/-0.163 χ^2/NDF :146351.3/2

Left: 376.858+/-0.118 χ^2/NDF : 206637.4/6

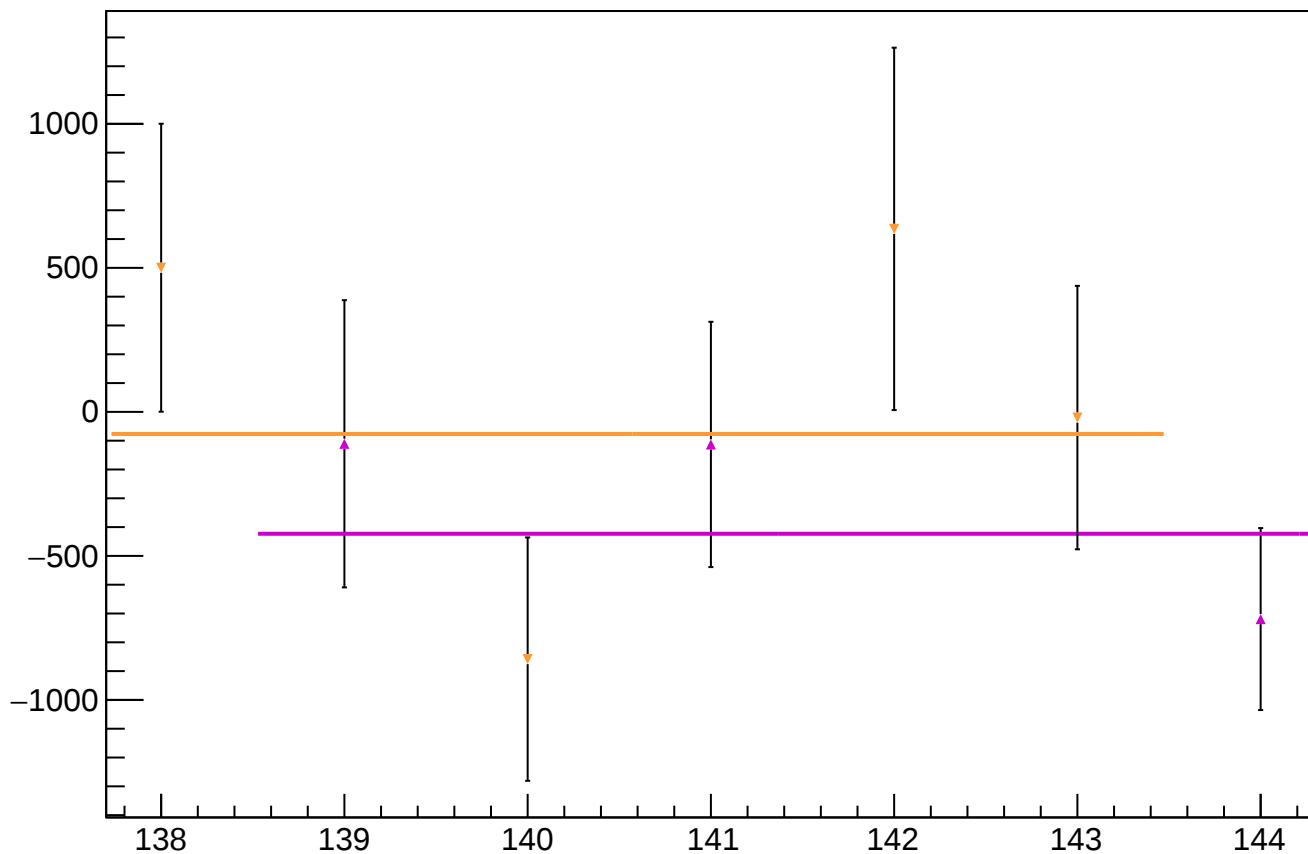
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.096+/-0.163 χ^2/NDF :146351.3/2

Out: 402.609+/-0.173 χ^2/NDF :18535.2/3

All: 376.858+/-0.118 χ^2/NDF : 206637.4/6

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: -423.164+/-226.091 χ^2/NDF :1.8/2

Left: -262.473+/-165.575 χ^2/NDF : 8.9/6

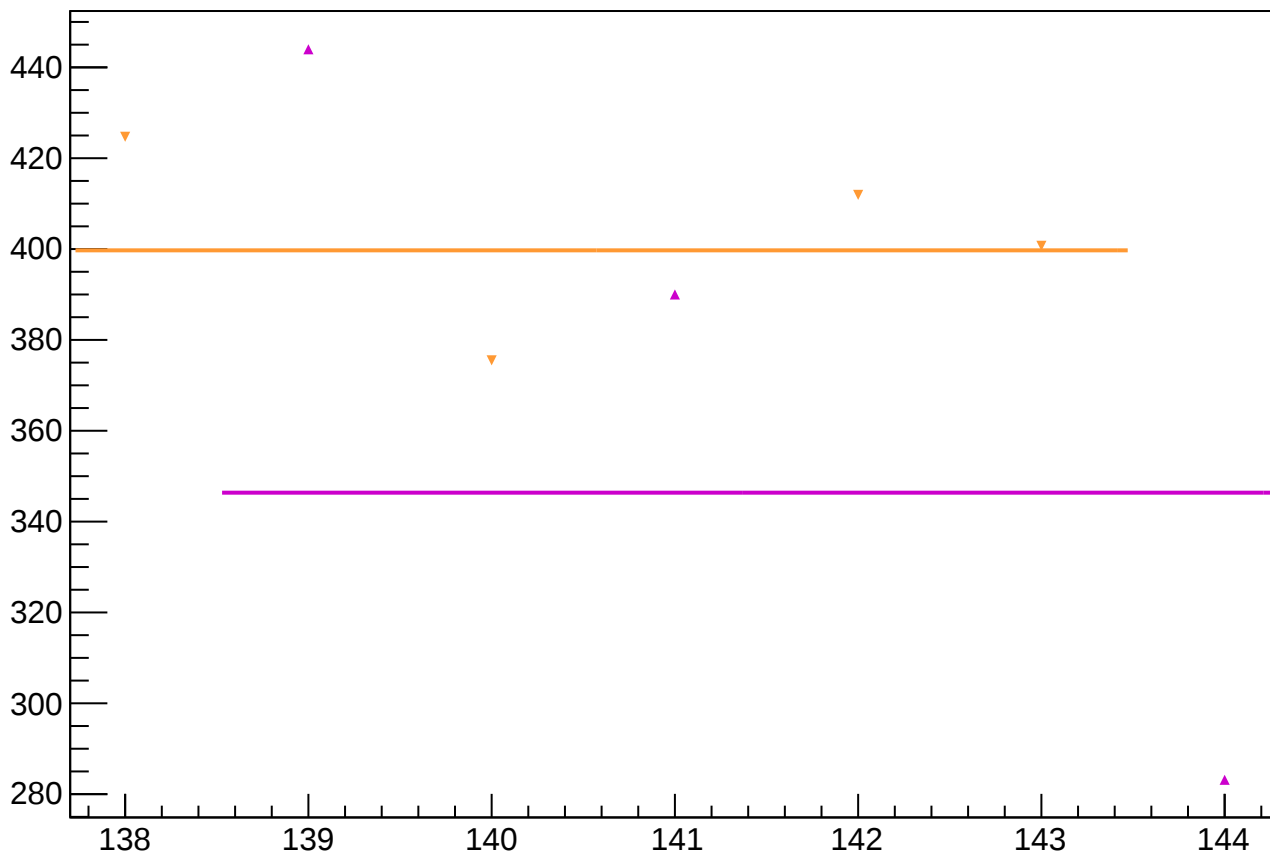
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -423.164+/-226.091 χ^2/NDF :1.8/2

Out: -76.611+/-243.155 χ^2/NDF :6.1/3

All: -262.473+/-165.575 χ^2/NDF : 8.9/6

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: 346.369+/-0.160 χ^2/NDF :177766.7/2

Left: 371.107+/-0.117 χ^2/NDF : 241739.3/6

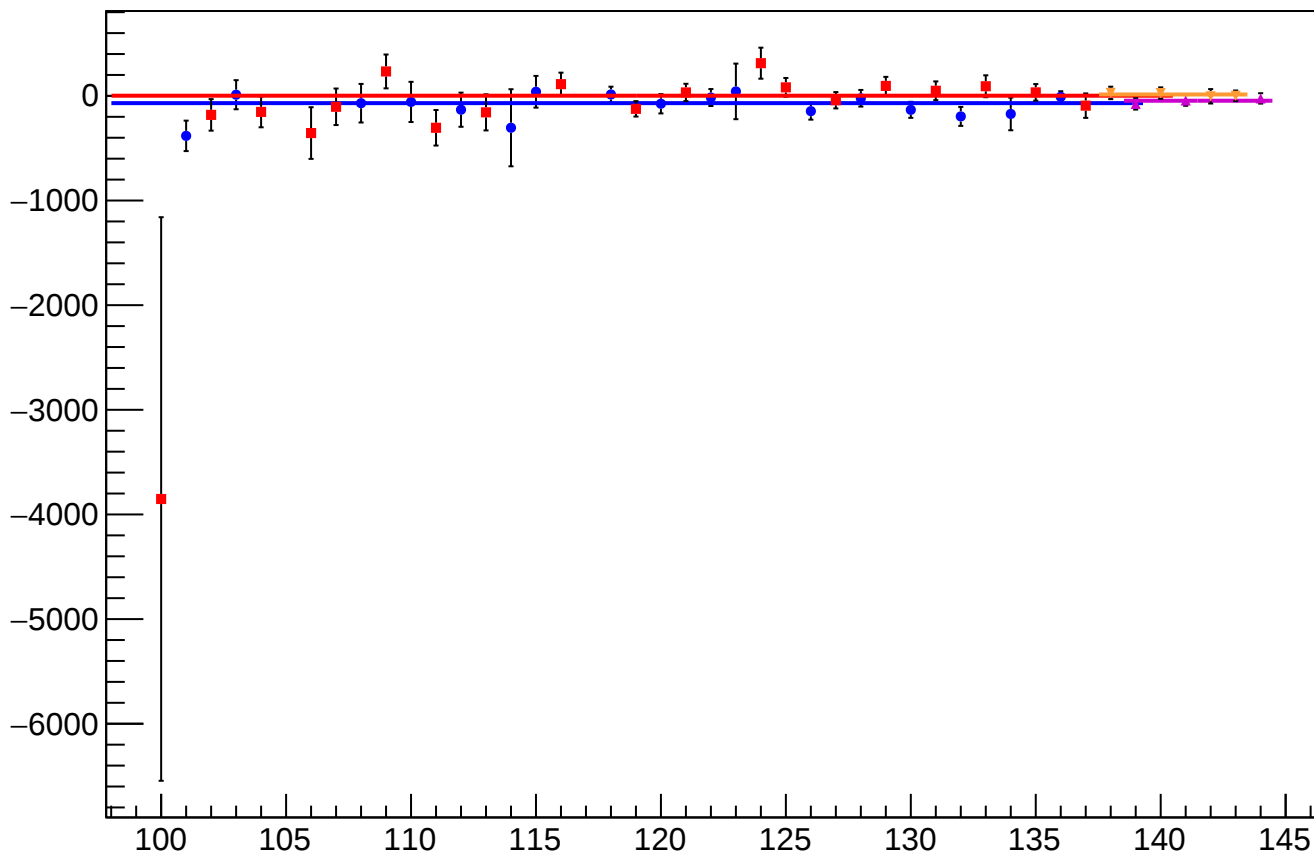
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.369+/-0.160 χ^2/NDF :177766.7/2

Out: 399.719+/-0.172 χ^2/NDF :12338.3/3

All: 371.107+/-0.117 χ^2/NDF : 241739.3/6

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 13.536 ± 28.703 χ^2/NDF : 0.2/3

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -46.366 ± 29.697 χ^2/NDF : 0.5/2

Left: -15.396 ± 20.639 χ^2/NDF : 2.9/6

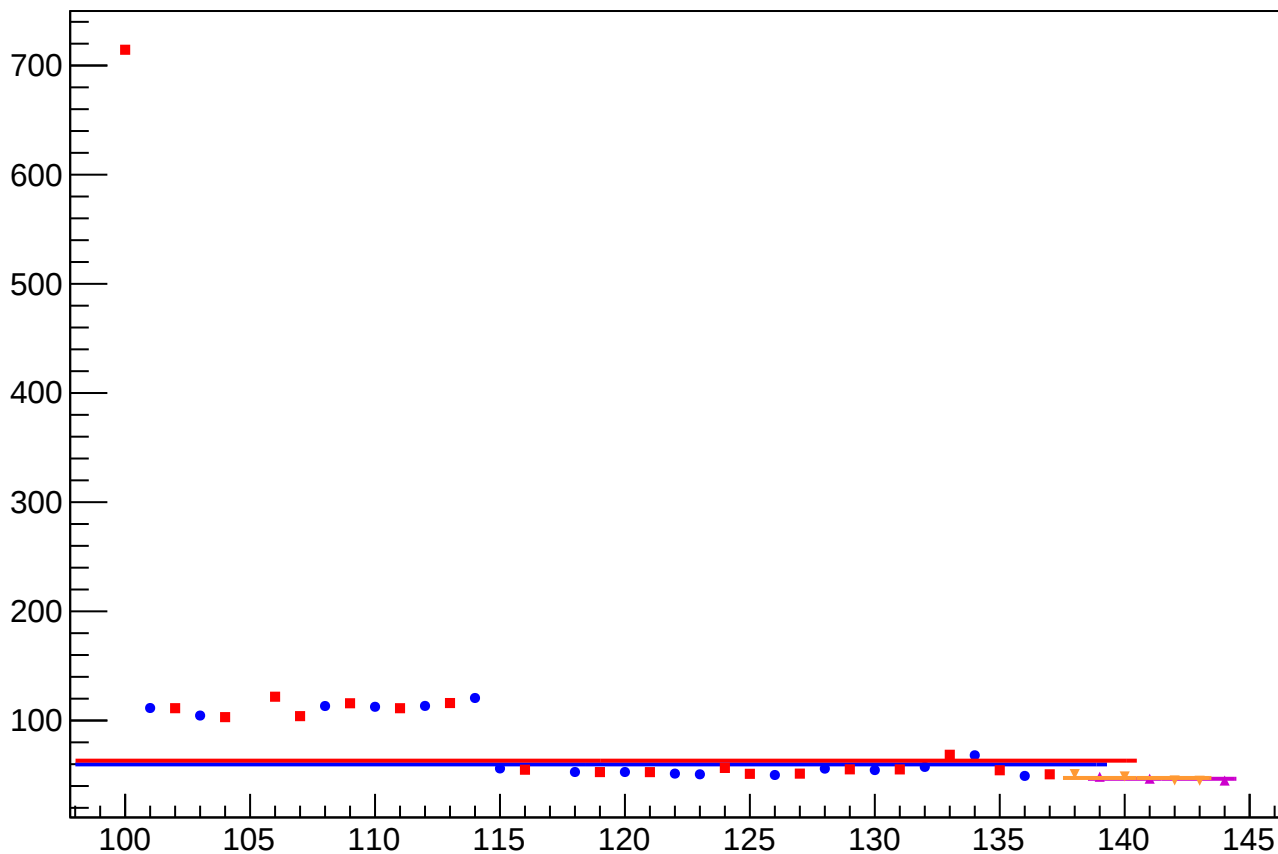
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -60.054 ± 18.788 χ^2/NDF : 14.3/19

Out: 6.874 ± 18.931 χ^2/NDF : 26.2/22

All: -26.844 ± 13.335 χ^2/NDF : 46.8/42

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 47.370+/-0.020 χ^2/NDF : 15627.7/3

Right Out: 63.223+/-0.018 χ^2/NDF : 1504271.8/18

Left In: 46.618+/-0.021 χ^2/NDF : 4480.6/2

Left: 47.007+/-0.015 χ^2/NDF : 20772.3/6

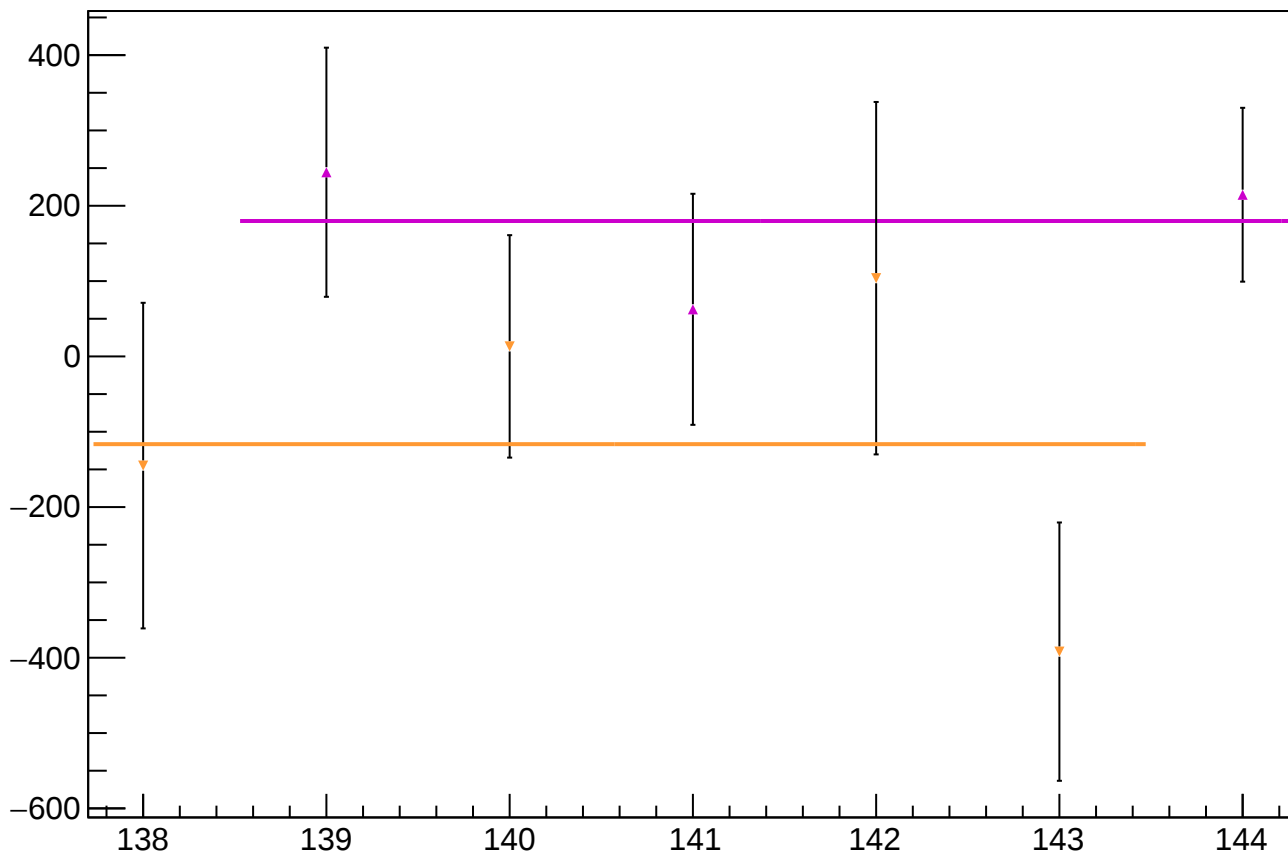
Right: 61.452+/-0.012 χ^2/NDF : 2753314.9/35

In: 54.529+/-0.013 χ^2/NDF : 1471119.6/19

Out: 56.327+/-0.013 χ^2/NDF : 1864553.3/22

All: 55.421+/-0.009 χ^2/NDF : 3344759.0/42

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -116.467 $\pm$ 91.454 χ^2 /NDF:4.3/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 179.780 $\pm$ 80.533 χ^2 /NDF:0.8/2

Left: 50.391 $\pm$ 60.440 χ^2 /NDF: 11.0/6

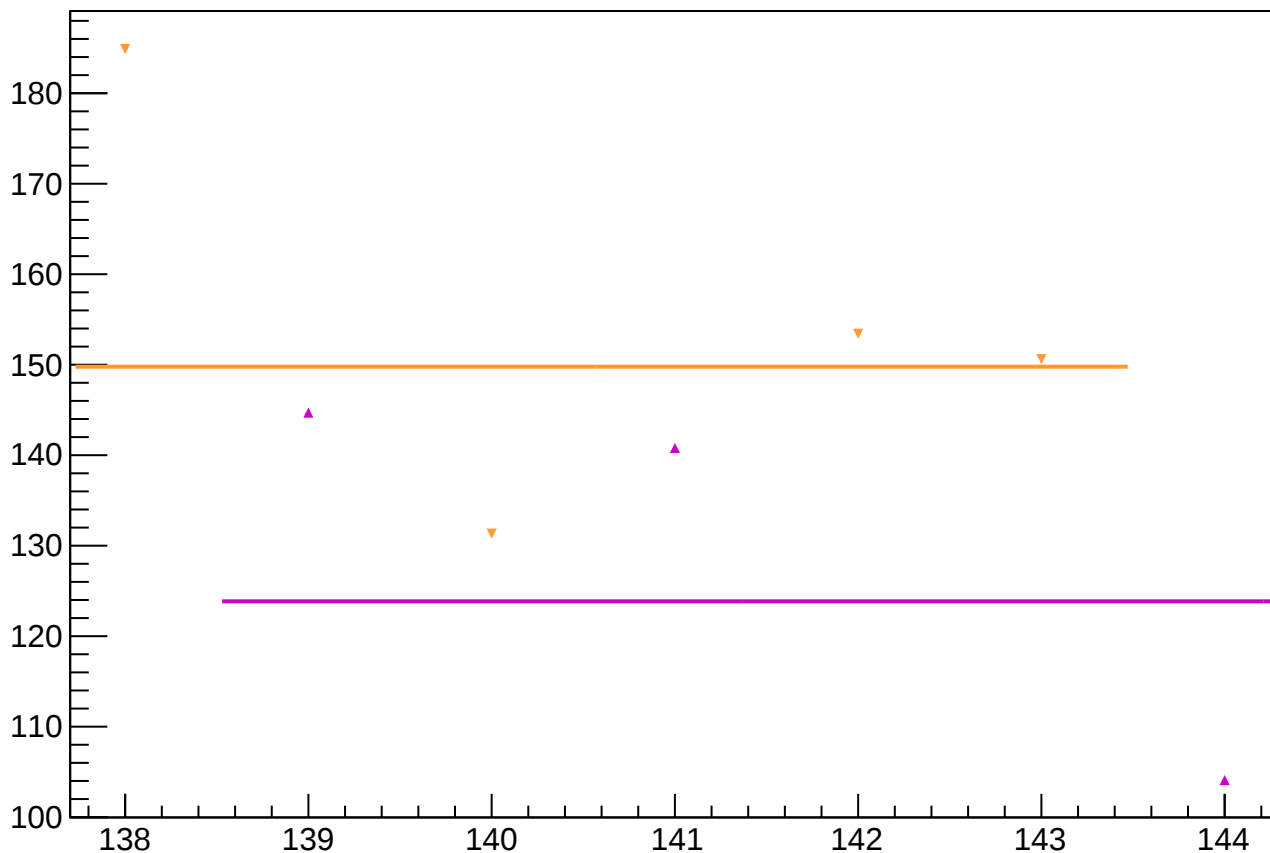
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 179.780 $\pm$ 80.533 χ^2 /NDF:0.8/2

Out: -116.467 $\pm$ 91.454 χ^2 /NDF:4.3/3

All: 50.391 $\pm$ 60.440 χ^2 /NDF: 11.0/6

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: 123.852+/-0.057 χ^2/NDF :114856.6/2

Left: 135.176+/-0.043 χ^2/NDF : 289920.4/6

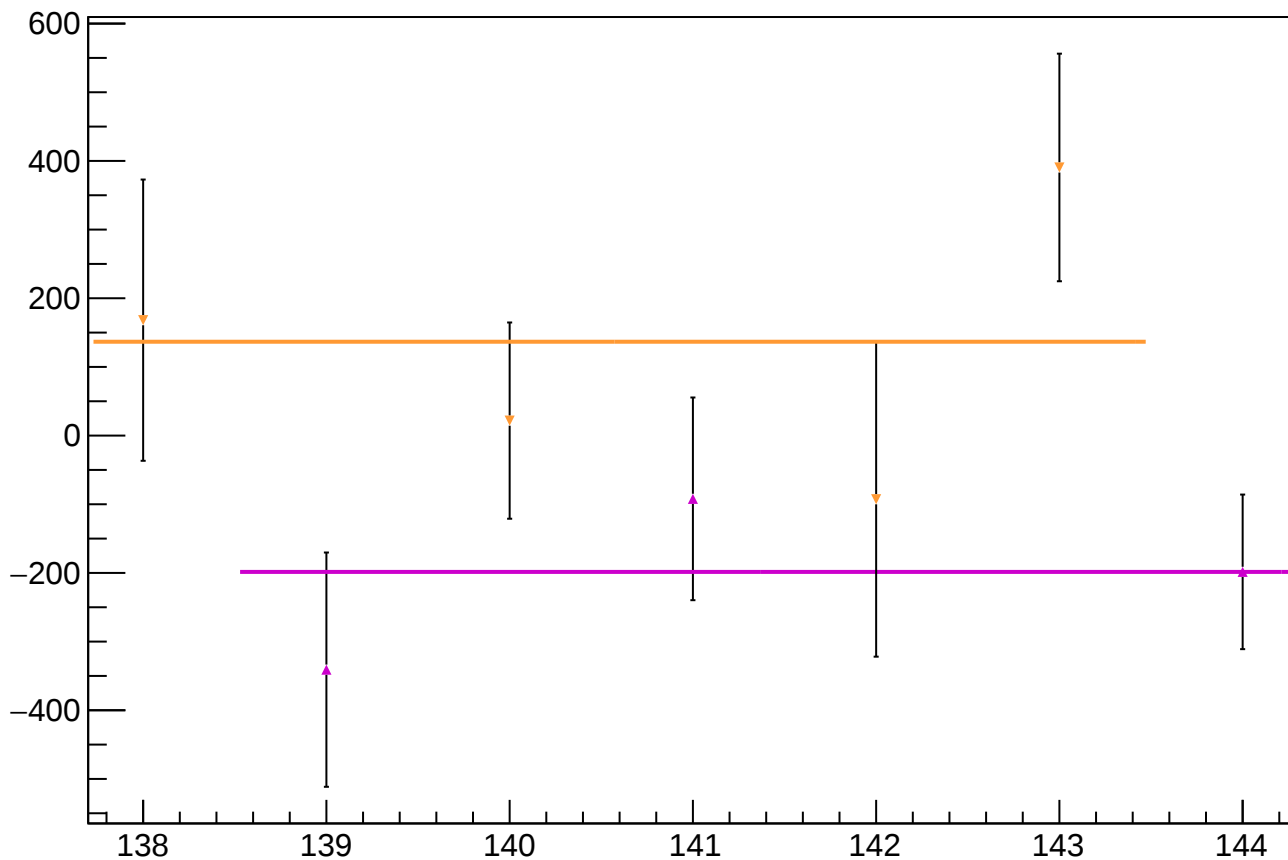
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 123.852+/-0.057 χ^2/NDF :114856.6/2

Out: 149.781+/-0.065 χ^2/NDF :84513.1/3

All: 135.176+/-0.043 χ^2/NDF : 289920.4/6

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: -198.523+/-79.254 χ^2/NDF : 1.2/2

Left: -48.962+/-58.981 χ^2/NDF : 13.2/6

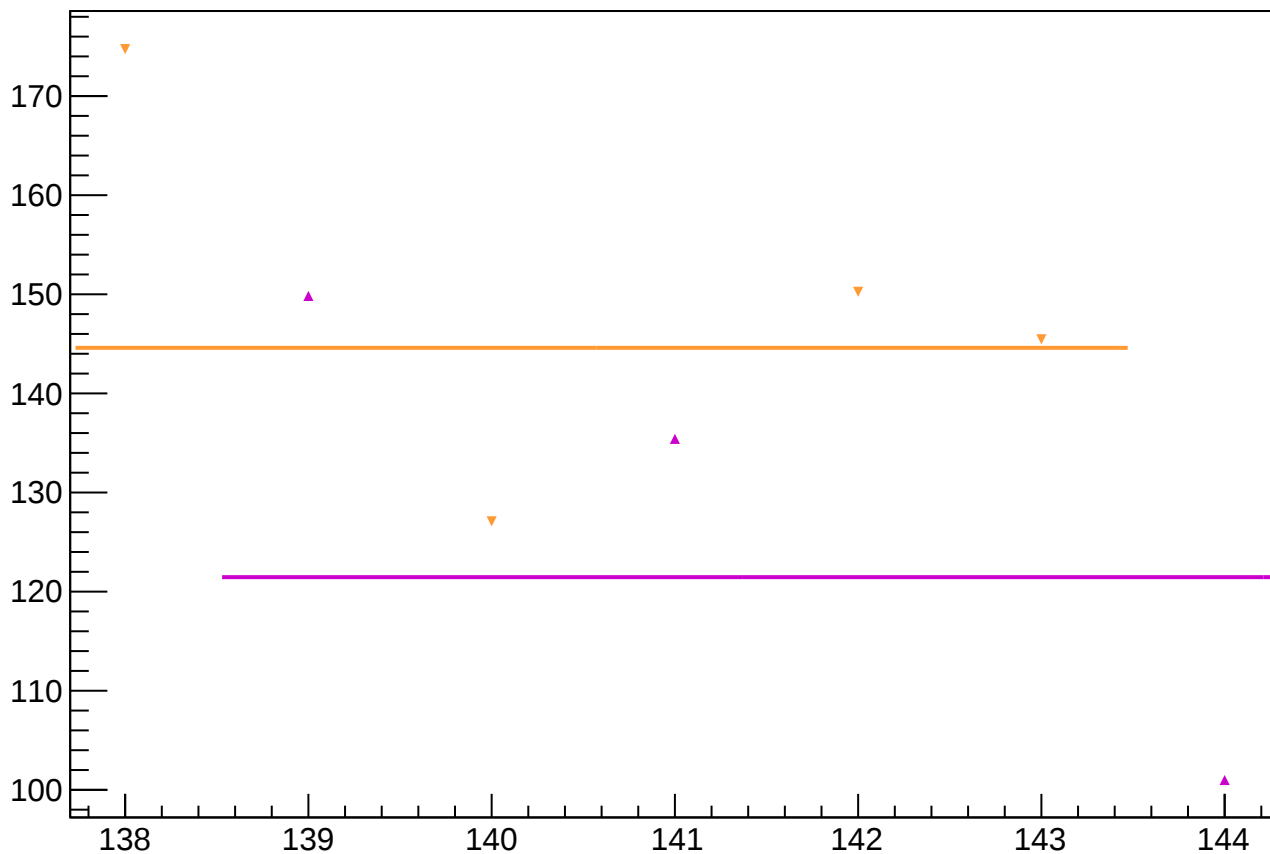
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -198.523+/-79.254 χ^2/NDF : 1.2/2

Out: 136.690+/-88.300 χ^2/NDF : 4.0/3

All: -48.962+/-58.981 χ^2/NDF : 13.2/6

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: 121.460+/-0.056 χ^2/NDF : 139335.1/2

Left: 131.784+/-0.042 χ^2/NDF : 290018.3/6

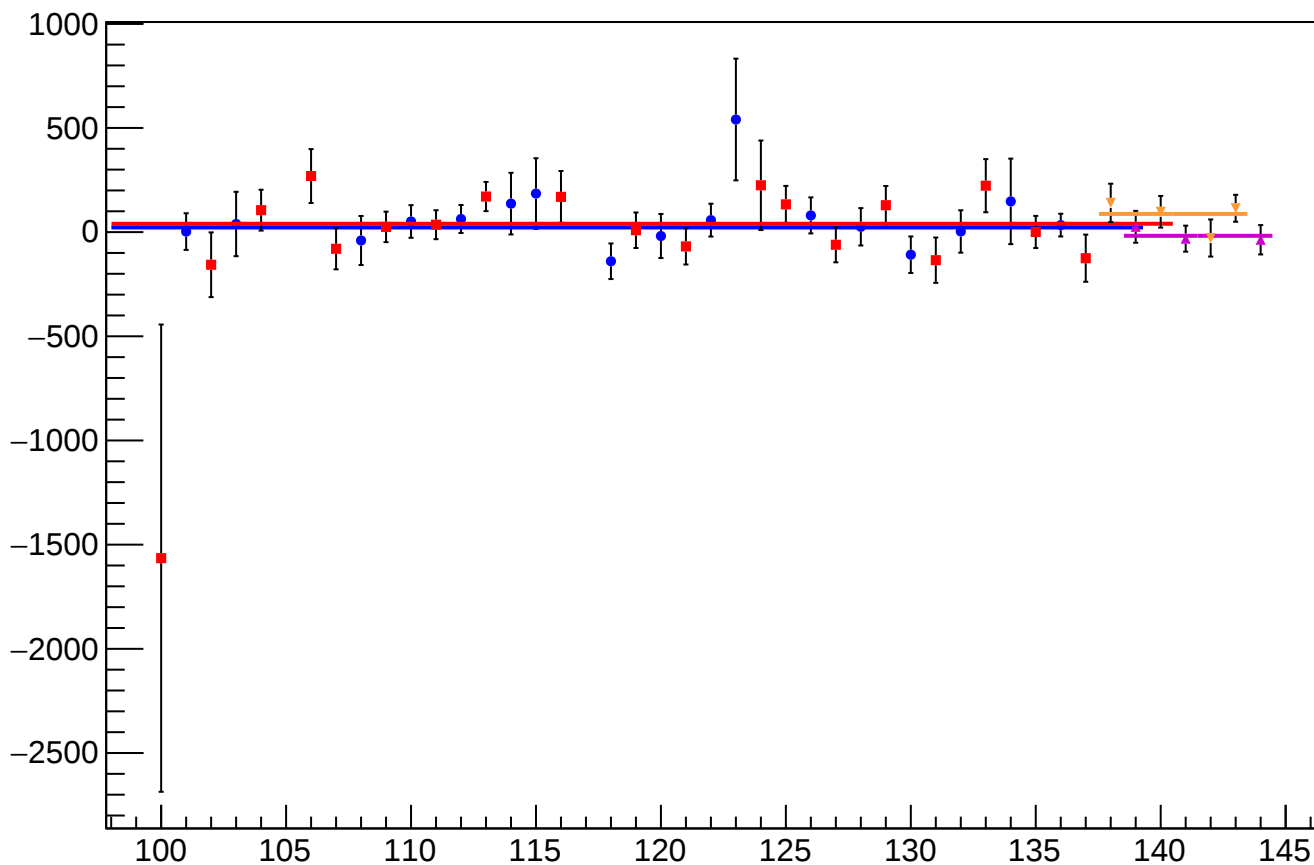
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 121.460+/-0.056 χ^2/NDF : 139335.1/2

Out: 144.600+/-0.062 χ^2/NDF : 74616.0/3

All: 131.784+/-0.042 χ^2/NDF : 290018.3/6

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 87.278+/-39.017 χ^2/NDF : 2.2/3

Right Out: 40.242+/-22.132 χ^2/NDF : 26.3/18

Left In: -17.669+/-39.888 χ^2/NDF : 0.4/2

Left: 35.962+/-27.892 χ^2/NDF : 6.2/6

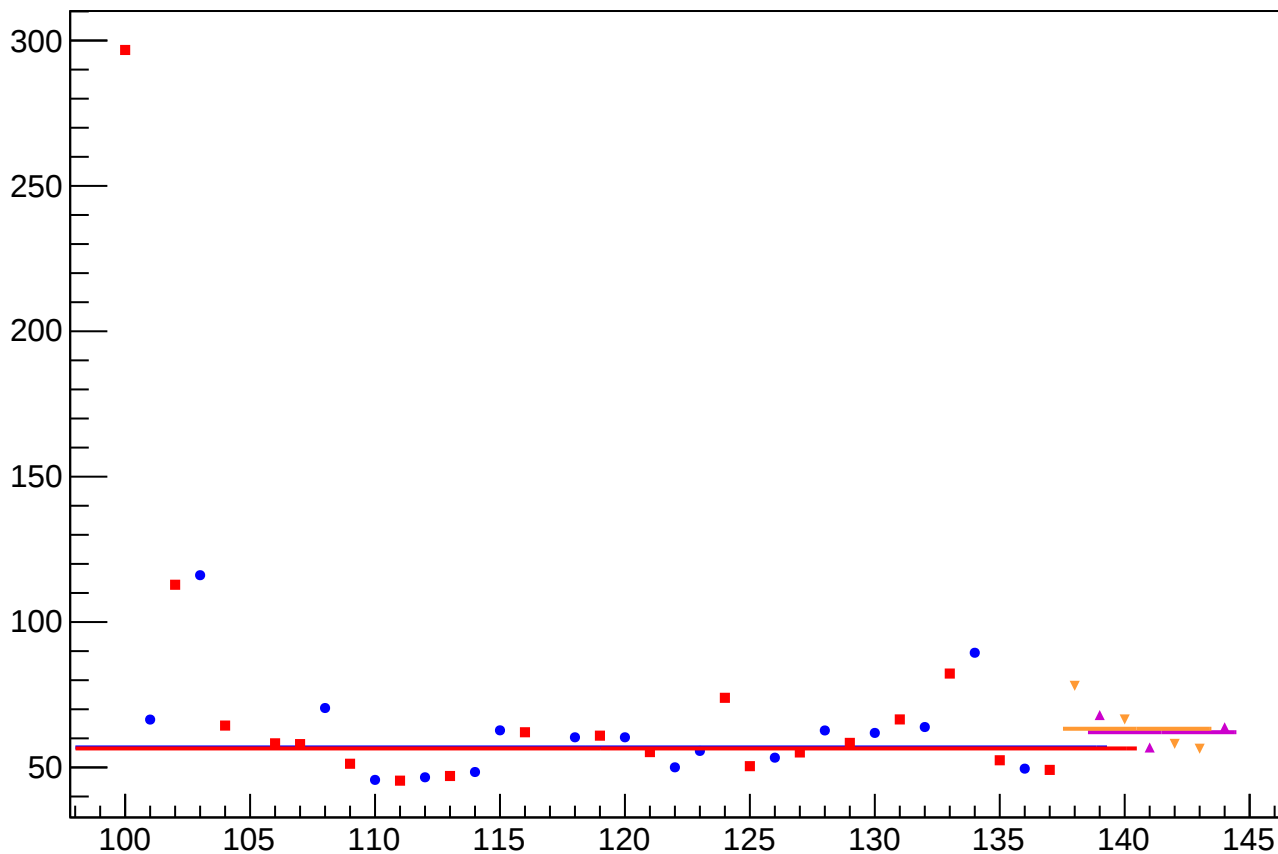
Right: 31.498+/-15.821 χ^2/NDF : 39.2/35

In: 12.617+/-19.679 χ^2/NDF : 13.8/19

Out: 51.692+/-19.251 χ^2/NDF : 29.6/22

All: 32.585+/-13.761 χ^2/NDF : 45.4/42

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 63.301 $\pm$ 0.028 χ^2 /NDF: 84462.4/3

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 62.115 $\pm$ 0.028 χ^2 /NDF: 27187.0/2

Left: 62.721 $\pm$ 0.020 χ^2 /NDF: 112553.3/6

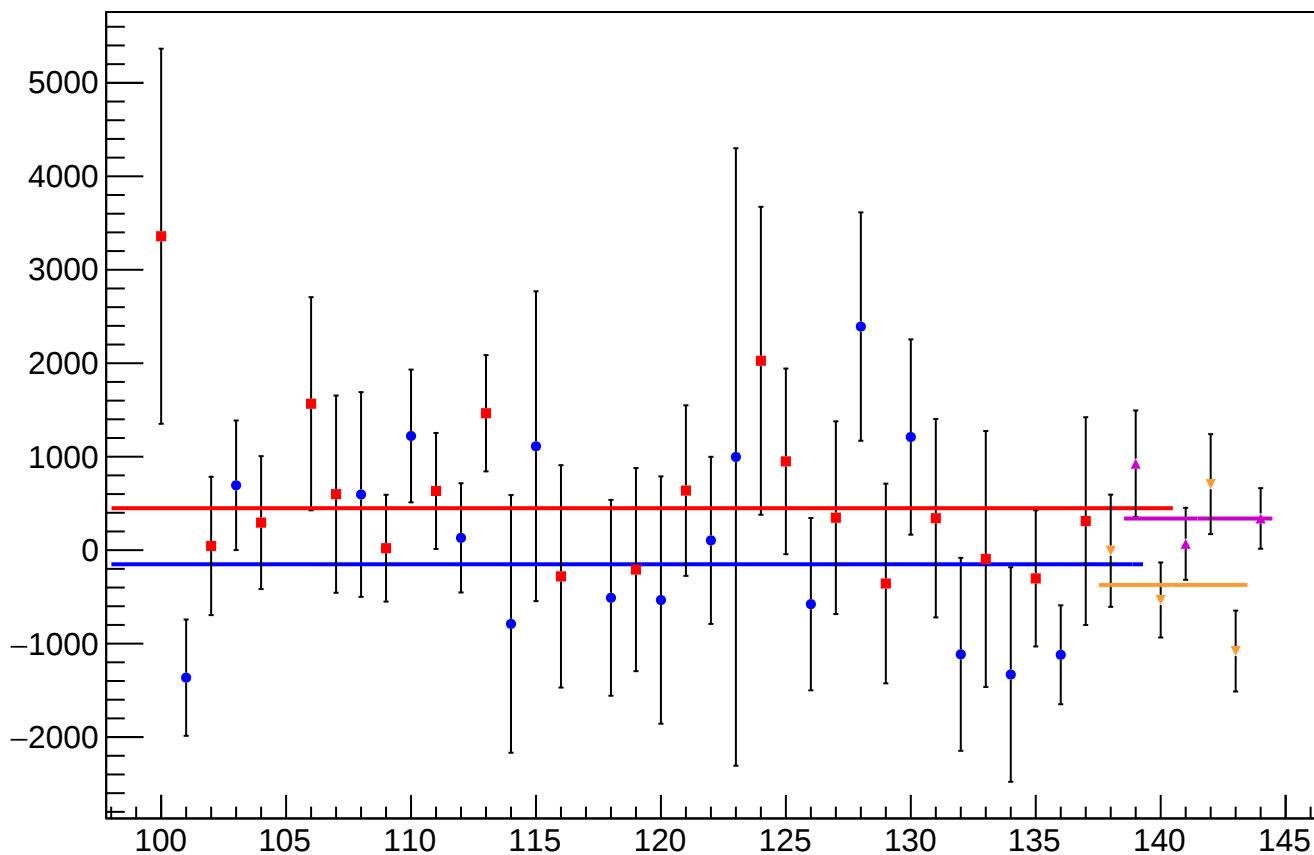
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 58.153 $\pm$ 0.014 χ^2 /NDF: 628753.4/19

Out: 58.177 $\pm$ 0.014 χ^2 /NDF: 742342.9/22

All: 58.165 $\pm$ 0.010 χ^2 /NDF: 1371097.7/42

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -371.516+/-236.887 χ^2/NDF : 7.3/3

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 338.445+/-227.413 χ^2/NDF : 1.6/2

Left: -2.055+/-164.053 χ^2/NDF : 13.5/6

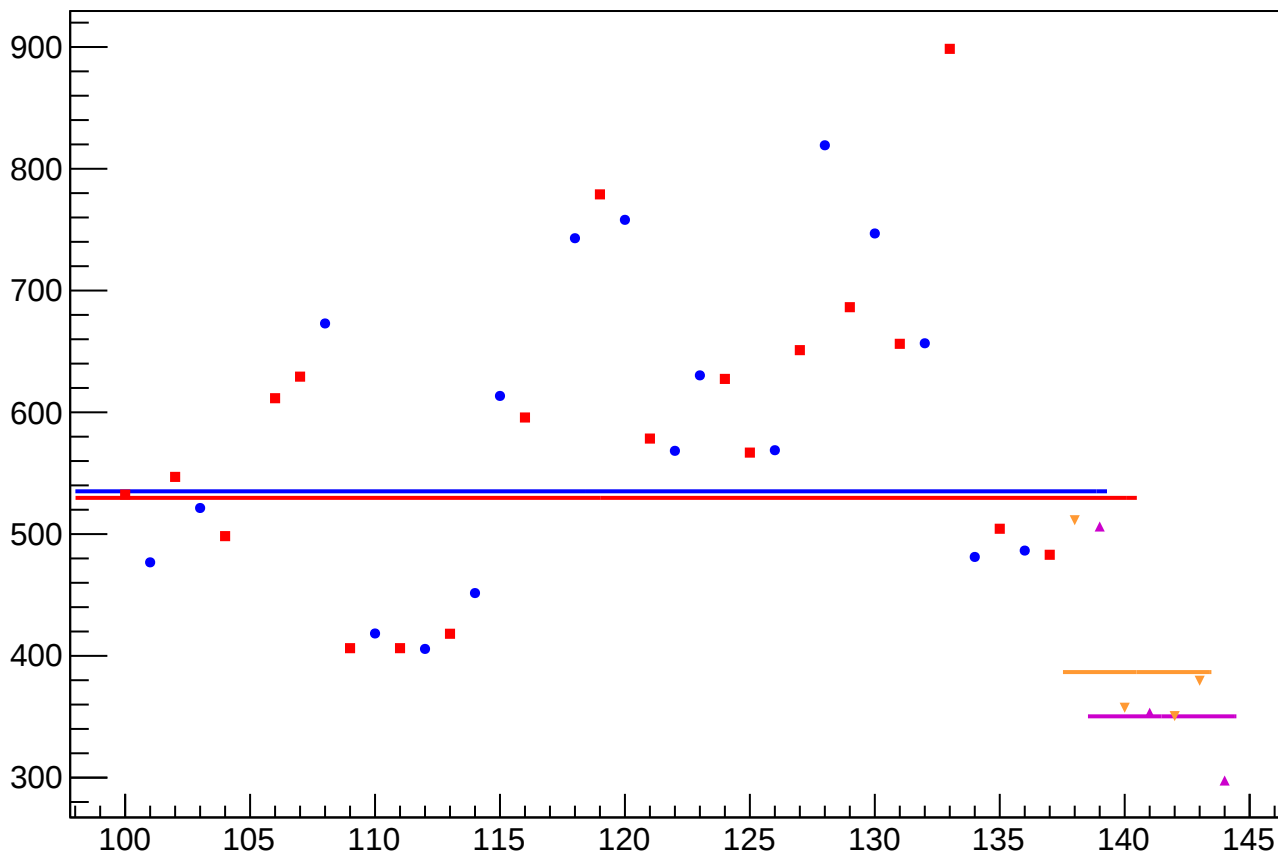
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 76.986+/-155.245 χ^2/NDF : 26.5/19

Out: 99.571+/-154.580 χ^2/NDF : 24.7/22

All: 88.327+/-109.539 χ^2/NDF : 51.2/42

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 386.687 $\pm$ 0.168 χ^2 /NDF: 106668.7/3

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 350.338 $\pm$ 0.161 χ^2 /NDF: 203070.6/2

Left: 367.771 $\pm$ 0.116 χ^2 /NDF: 334244.9/6

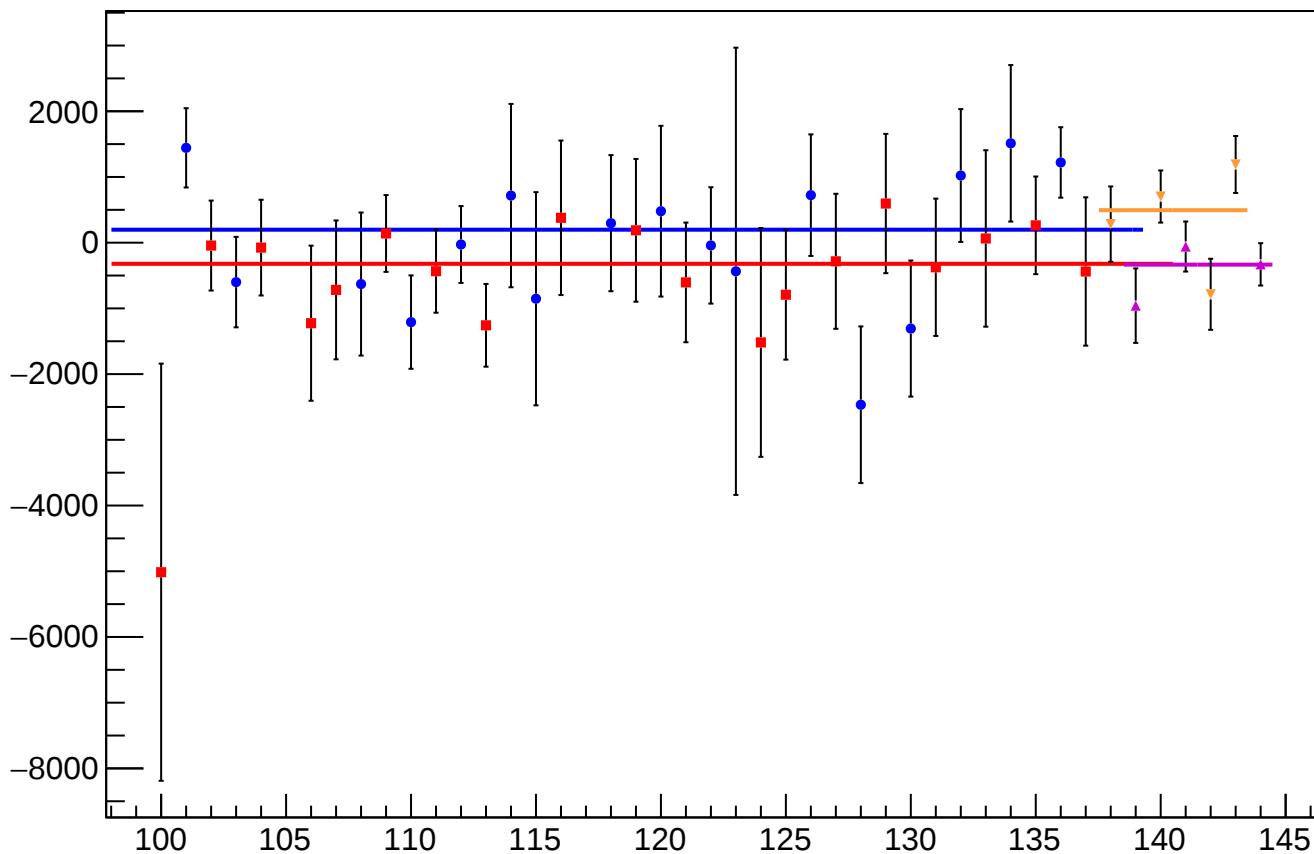
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 449.018 $\pm$ 0.110 χ^2 /NDF: 1504377.9/19

Out: 468.830 $\pm$ 0.109 χ^2 /NDF: 1172230.0/22

All: 458.967 $\pm$ 0.077 χ^2 /NDF: 2692964.7/42

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 494.473 $\pm$ 234.711 χ^2 /NDF:8.6/3

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -334.054 $\pm$ 225.609 χ^2 /NDF:1.7/2

Left: 63.833 $\pm$ 162.652 χ^2 /NDF: 16.8/6

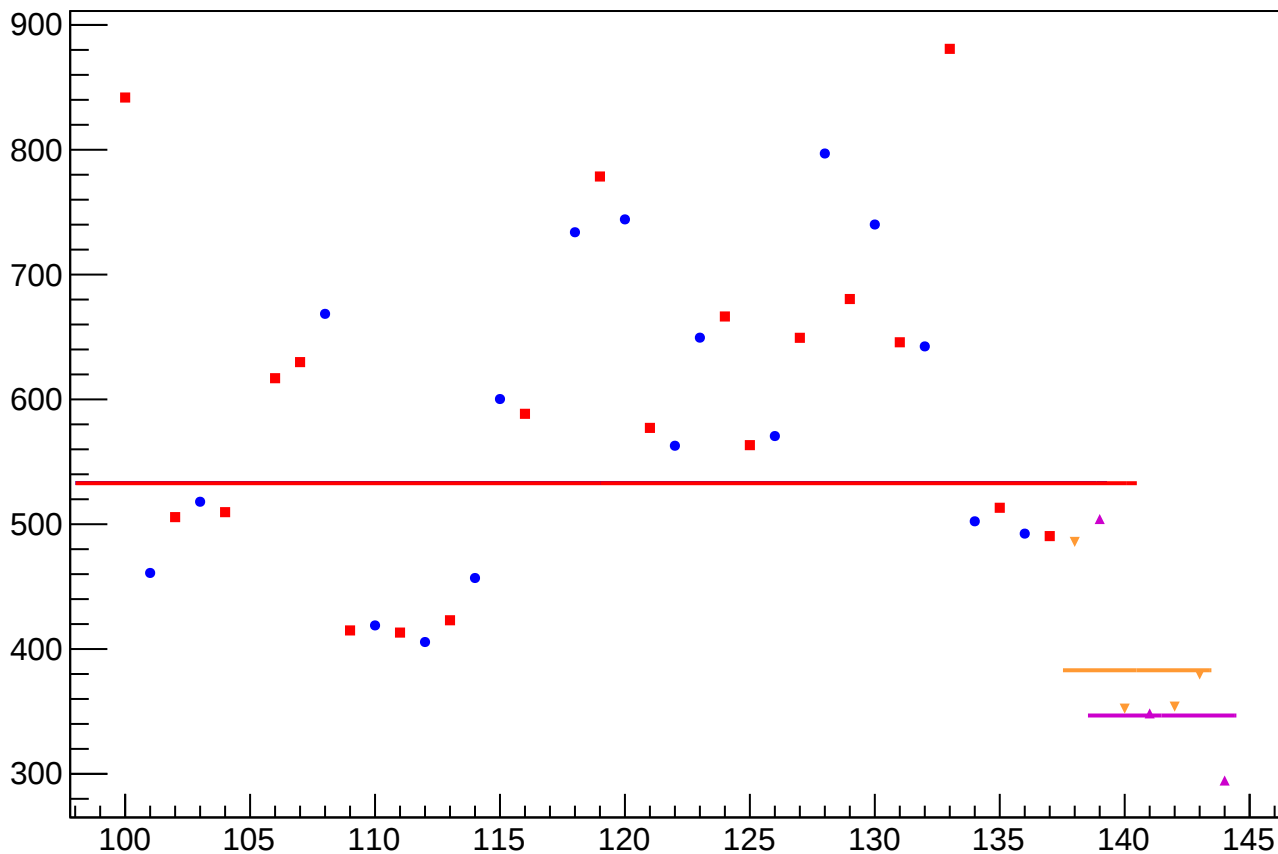
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -51.080 $\pm$ 154.292 χ^2 /NDF:28.6/19

Out: 32.092 $\pm$ 154.514 χ^2 /NDF:24.3/22

All: -9.554 $\pm$ 109.179 χ^2 /NDF: 53.1/42

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 382.985+/-0.166 χ^2/NDF : 82342.3/3

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

Left In: 346.746+/-0.160 χ^2/NDF : 206588.4/2

Left: 364.149+/-0.115 χ^2/NDF : 313712.1/6

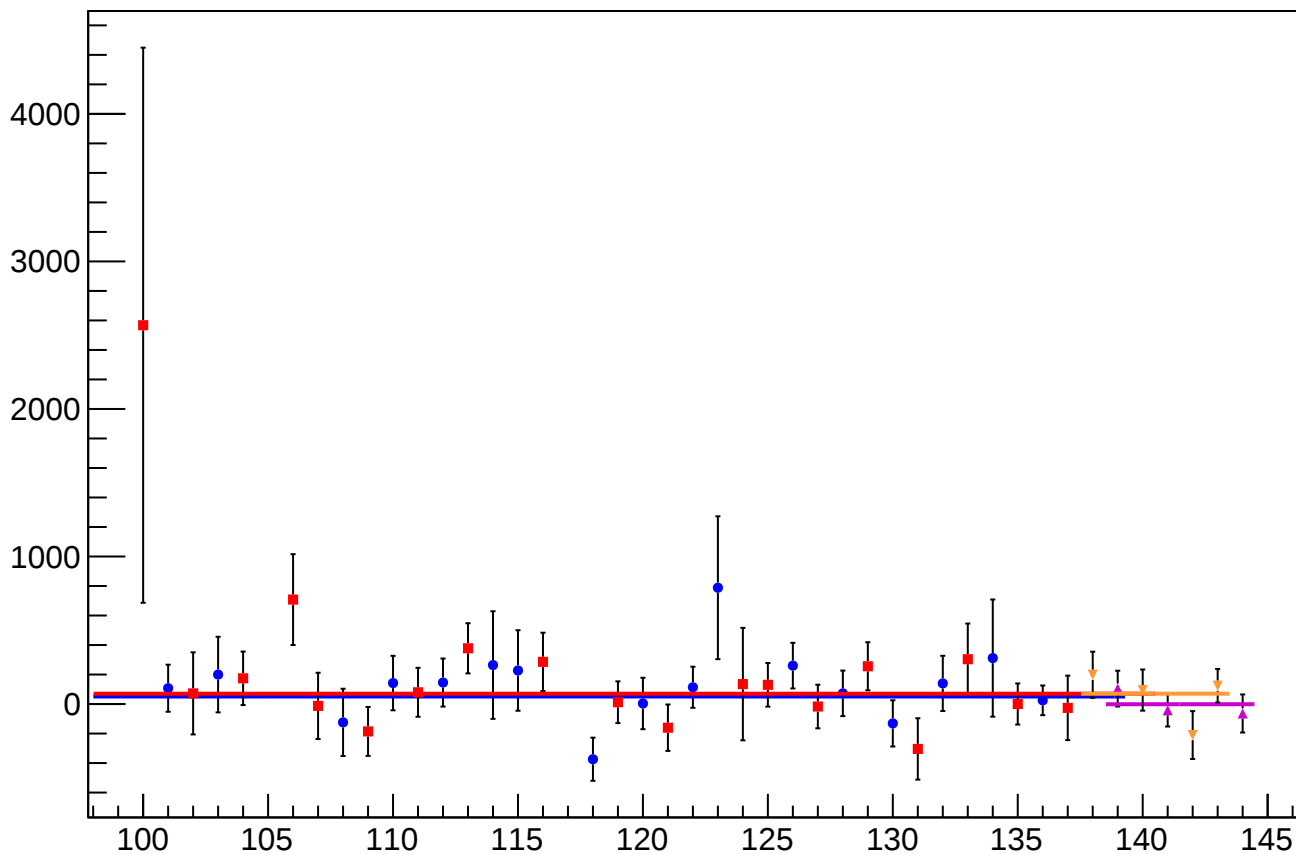
Right: 532.941+/-0.104 χ^2/NDF : 1183805.7/35

In: 445.904+/-0.109 χ^2/NDF : 1499252.1/19

Out: 467.905+/-0.109 χ^2/NDF : 1161350.7/22

All: 456.889+/-0.077 χ^2/NDF : 2680906.2/42

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 70.224+/-69.374 χ^2/NDF : 3.9/3

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: -1.264+/-68.874 χ^2/NDF : 1.1/2

Left: 34.222+/-48.877 χ^2/NDF : 5.6/6

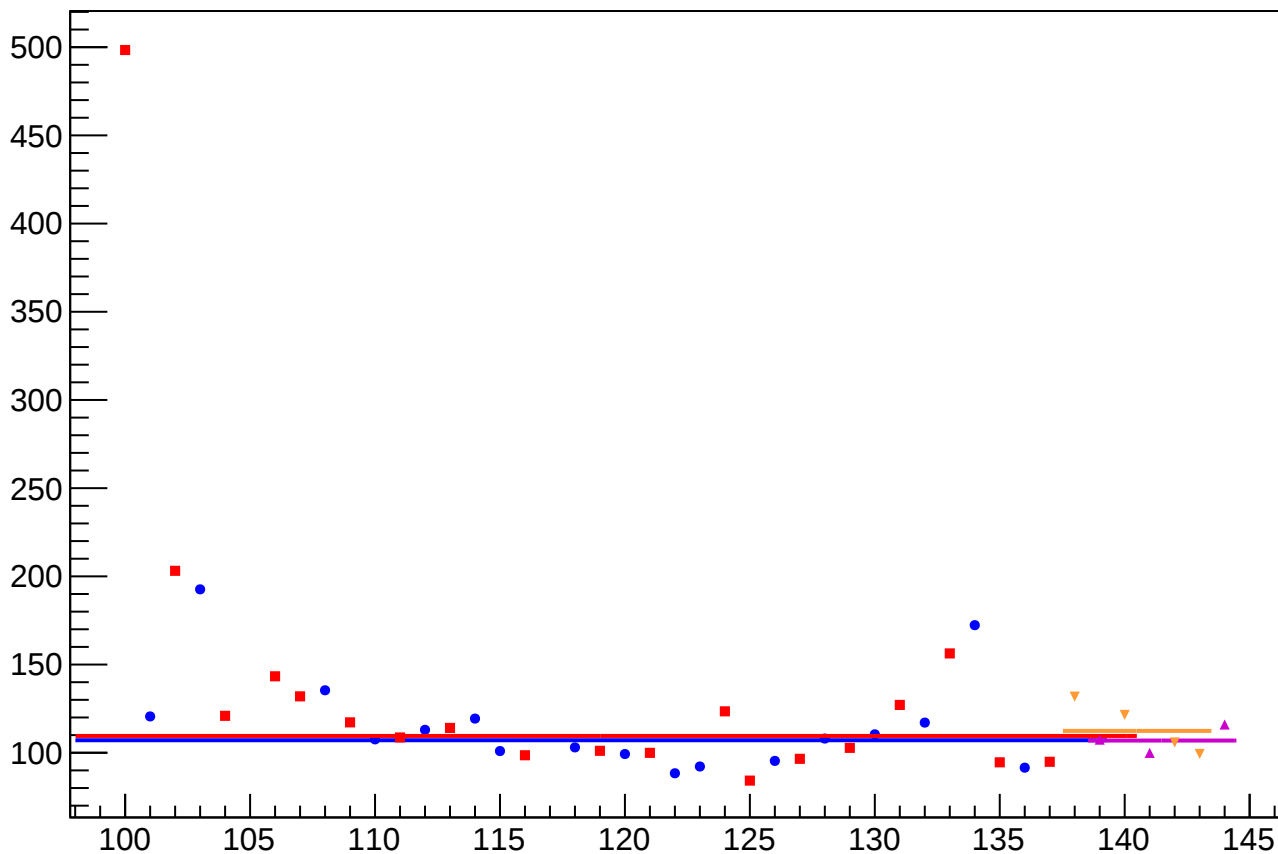
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 36.749+/-36.116 χ^2/NDF : 18.9/19

Out: 70.114+/-36.421 χ^2/NDF : 26.1/22

All: 53.291+/-25.645 χ^2/NDF : 45.4/42

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: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 106.920 $\pm$ 0.049 χ^2 /NDF: 18045.9/2

Left: 109.637 $\pm$ 0.035 χ^2 /NDF: 93211.4/6

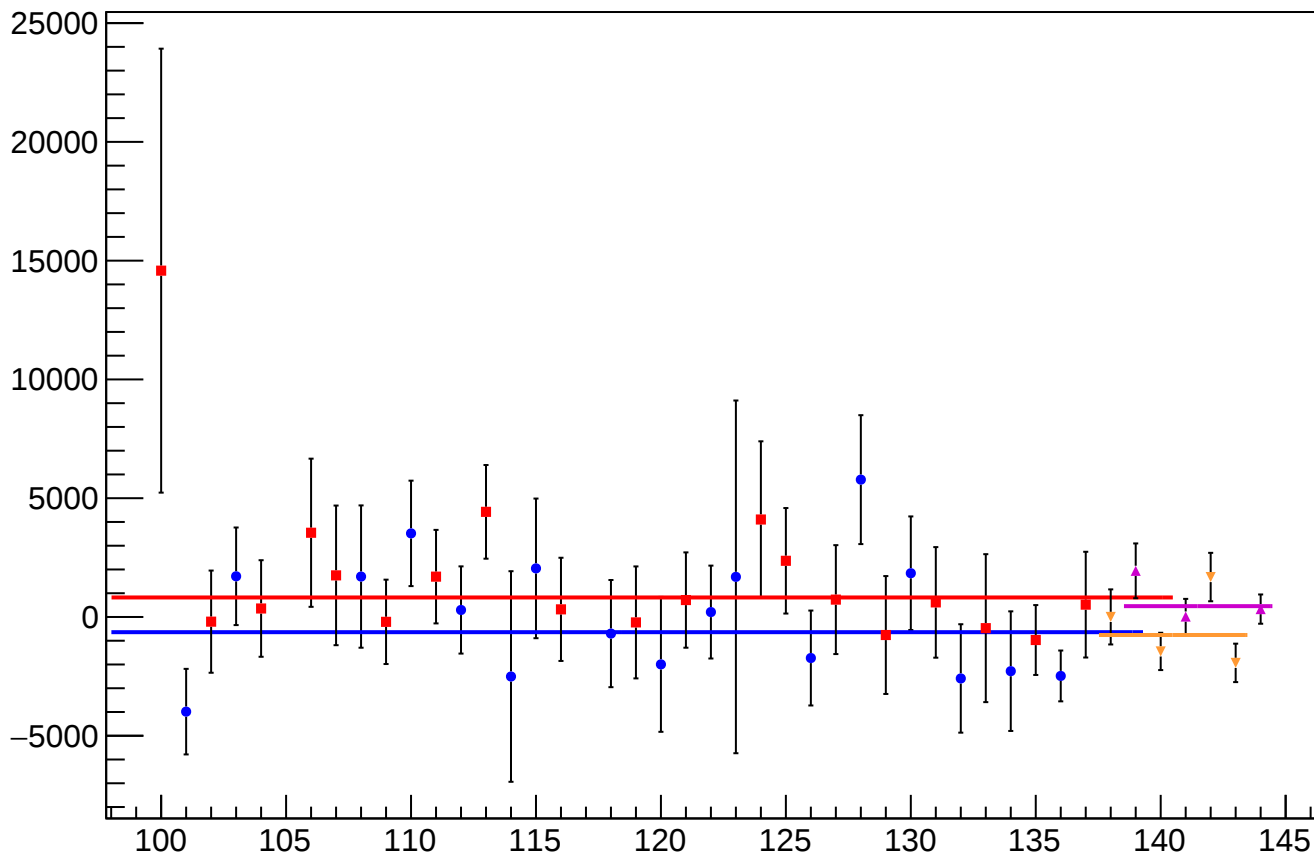
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 107.046 $\pm$ 0.026 χ^2 /NDF: 455810.5/19

Out: 110.320 $\pm$ 0.026 χ^2 /NDF: 662885.4/22

All: 108.669 $\pm$ 0.018 χ^2 /NDF: 1126844.1/42

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -758.455+/-453.801 χ^2/NDF : 9.0/3

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 455.935+/-438.634 χ^2/NDF : 2.1/2

Left: -130.628+/-315.387 χ^2/NDF : 14.8/6

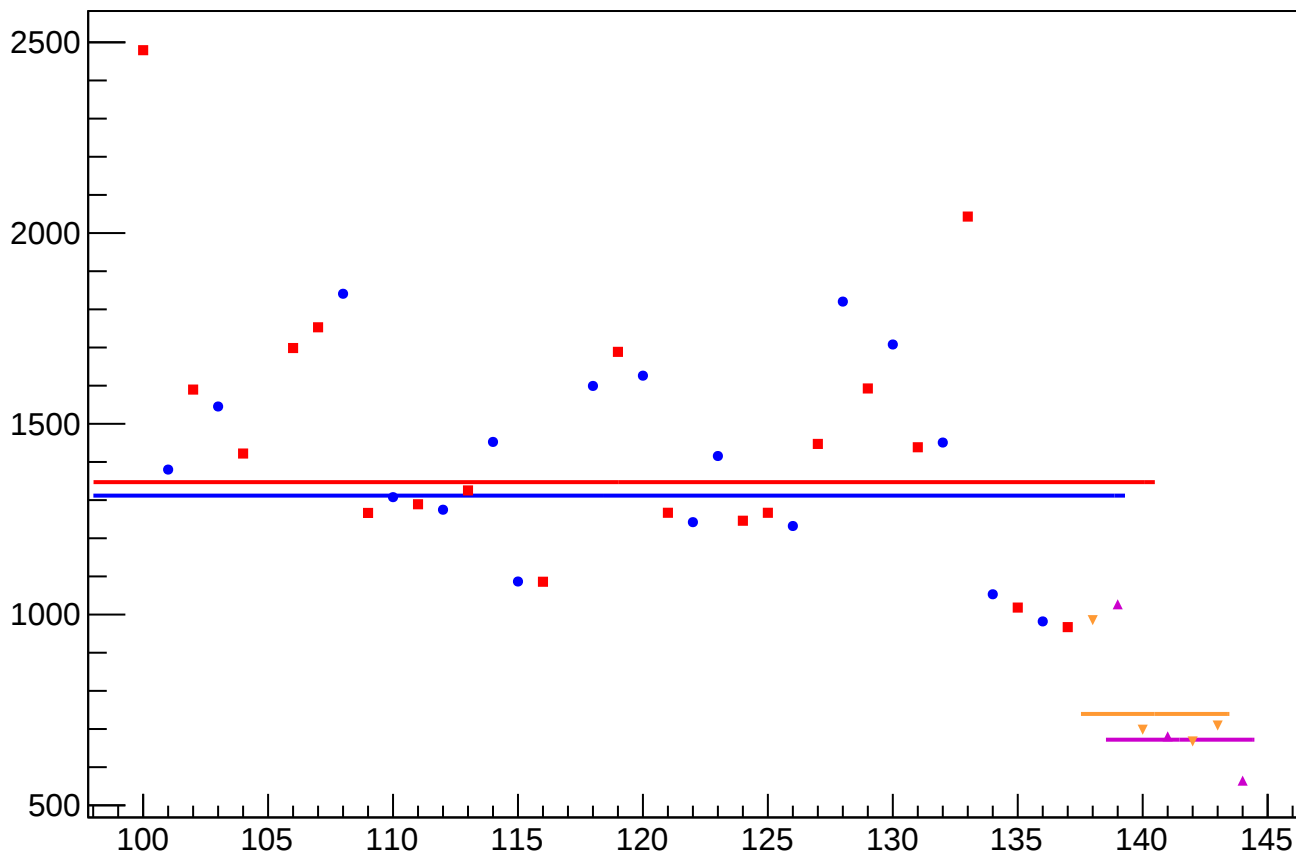
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: -0.385+/-335.079 χ^2/NDF : 26.4/19

Out: -68.900+/-340.669 χ^2/NDF : 25.3/22

All: -34.076+/-238.889 χ^2/NDF : 51.8/42

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: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 672.019 $\pm$ 0.310 χ^2 /NDF:250541.6/2

Left: 704.626 $\pm$ 0.223 χ^2 /NDF: 381703.7/6

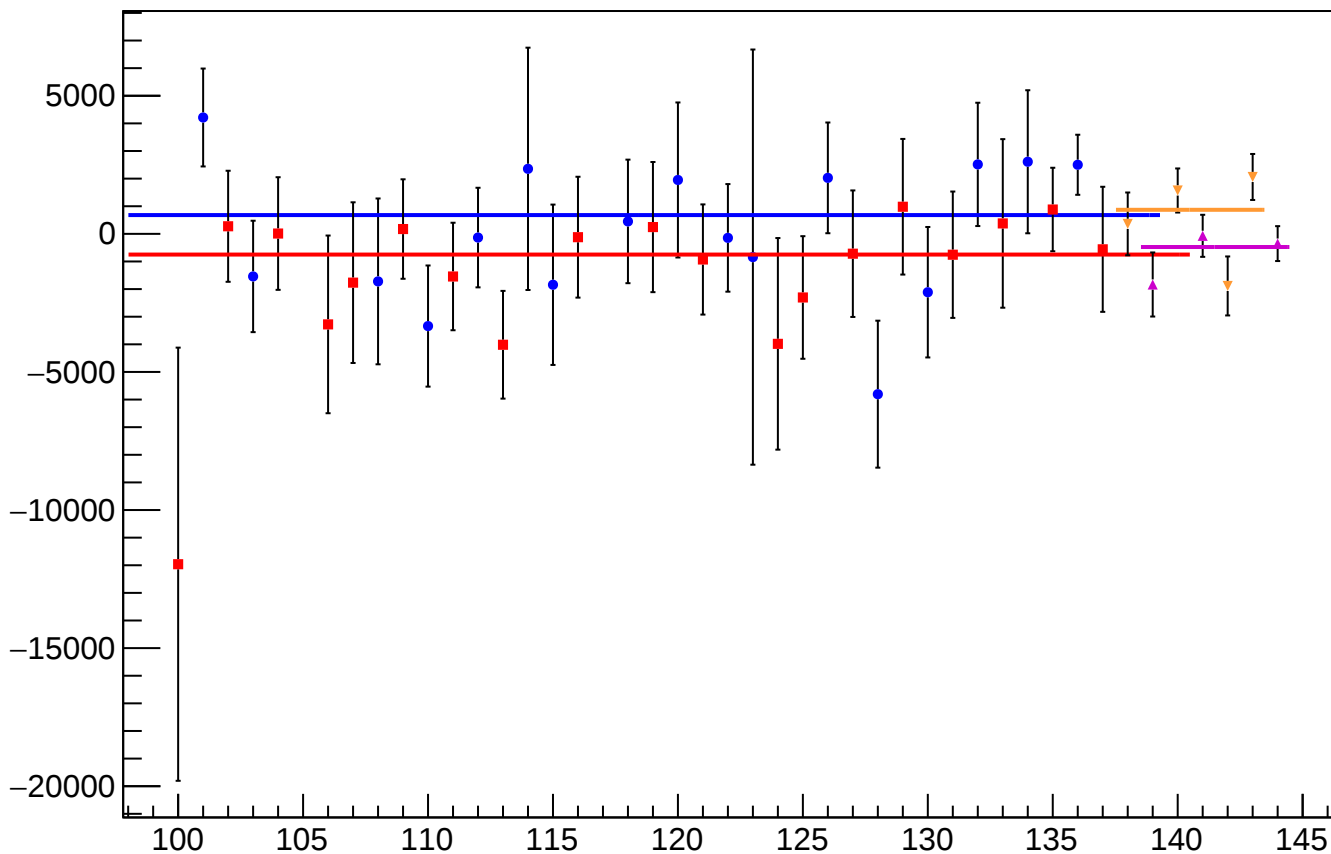
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 938.443 $\pm$ 0.237 χ^2 /NDF:2535066.5/19

Out: 1004.708 $\pm$ 0.241 χ^2 /NDF:2163521.3/22

All: 971.028 $\pm$ 0.169 χ^2 /NDF: 4737049.8/42

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: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: -476.331+/-448.321 χ^2/NDF : 1.7/2

Left: 175.499+/-322.103 χ^2/NDF : 15.7/6

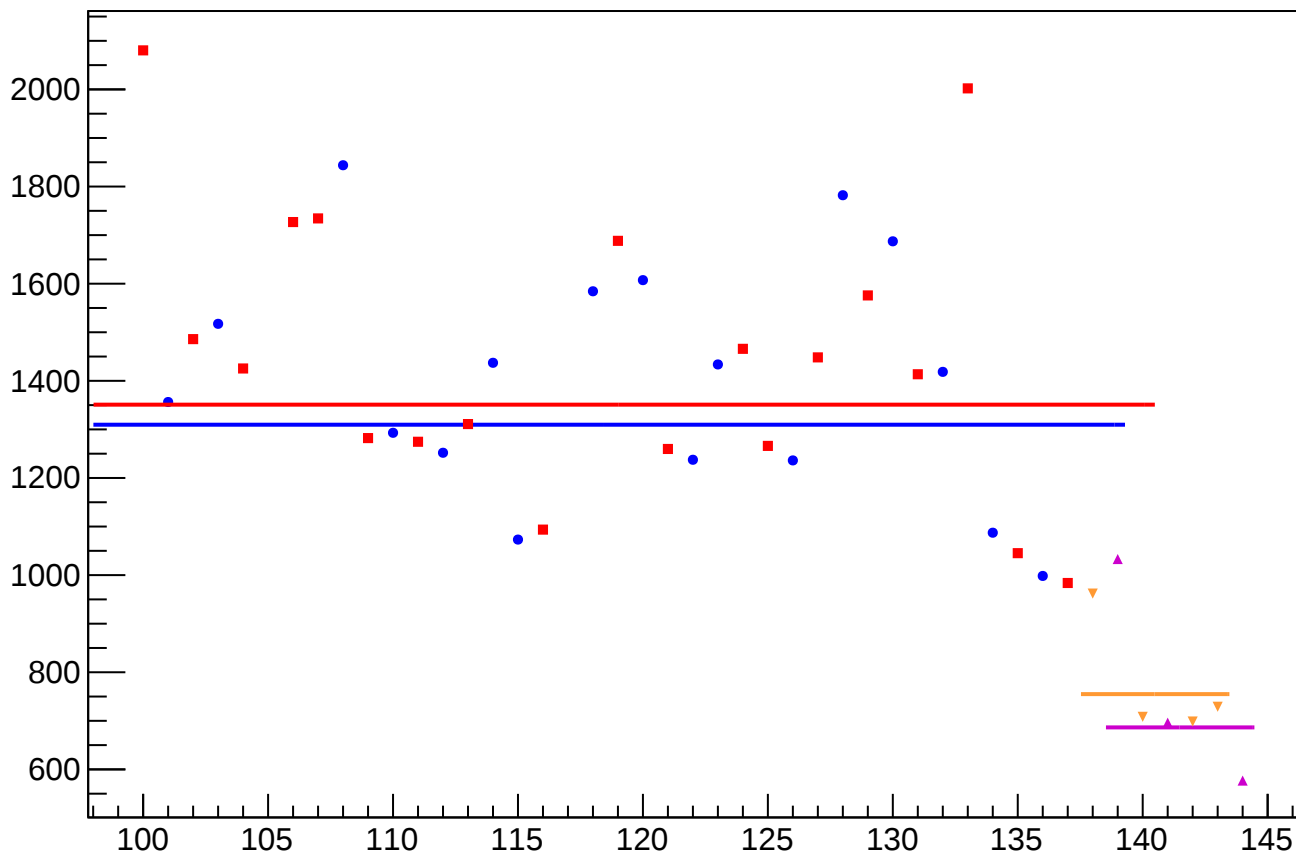
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 19.392+/-338.851 χ^2/NDF : 27.1/19

Out: 148.267+/-344.702 χ^2/NDF : 24.8/22

All: 82.727+/-241.646 χ^2/NDF : 52.0/42

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 754.990+/-0.327 χ^2/NDF : 80755.9/3

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 686.457+/-0.317 χ^2/NDF : 239061.1/2

Left: 719.614+/-0.228 χ^2/NDF : 342428.0/6

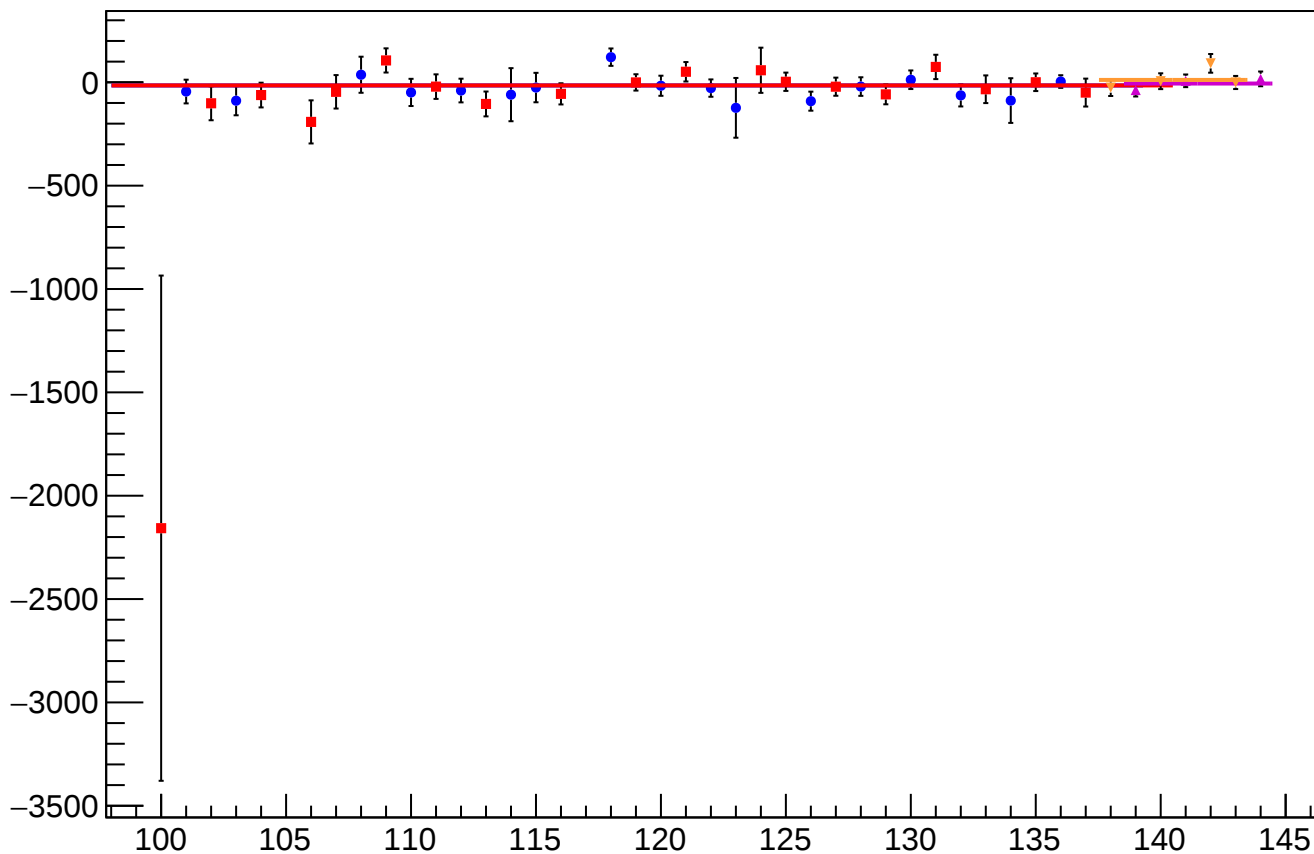
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 953.641+/-0.240 χ^2/NDF : 2355241.6/19

Out: 1020.737+/-0.244 χ^2/NDF : 1980521.8/22

All: 986.615+/-0.171 χ^2/NDF : 4374299.9/42

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: 11.521 ± 18.986 $\chi^2/\text{NDF}: 4.2/3$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -5.985 ± 18.658 $\chi^2/\text{NDF}: 1.6/2$

Left: 2.615 ± 13.307 $\chi^2/\text{NDF}: 6.2/6$

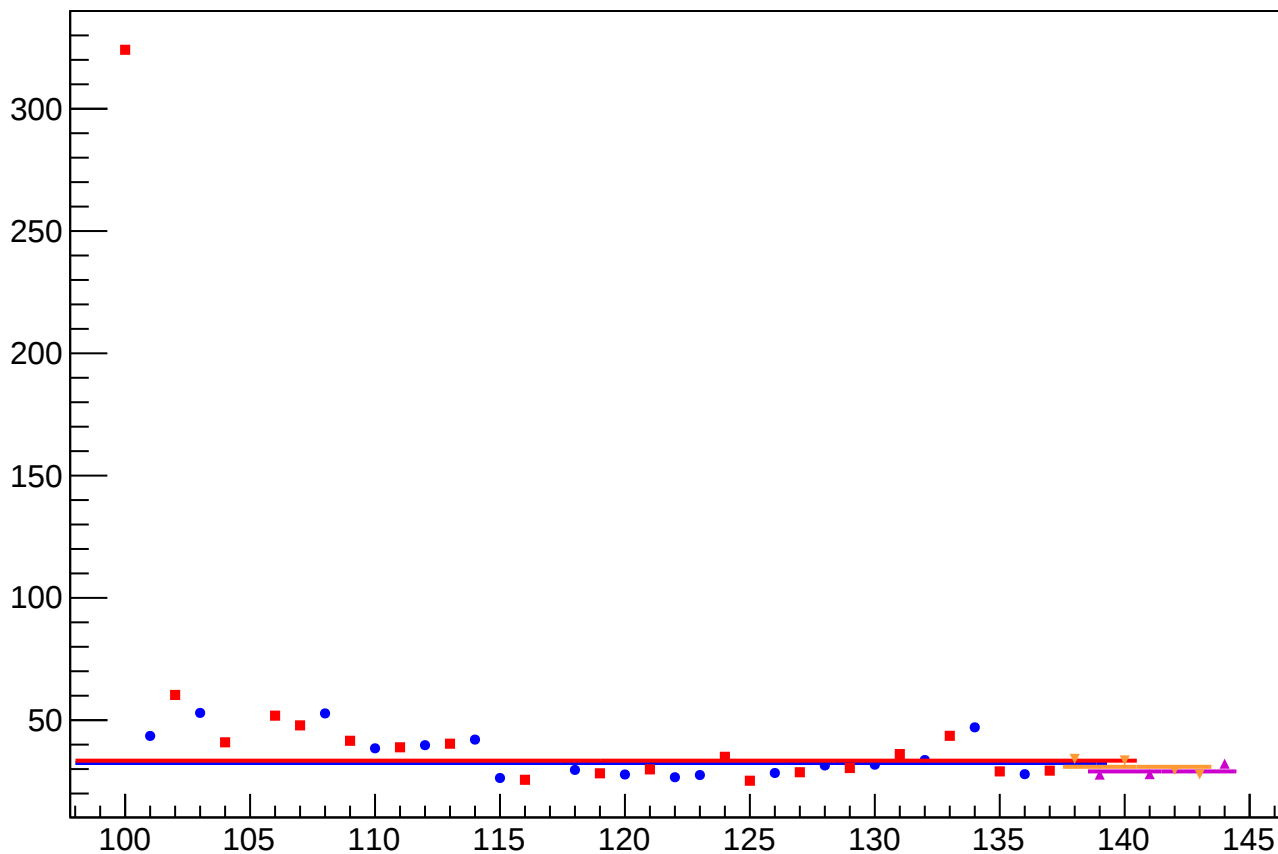
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -12.272 ± 10.615 $\chi^2/\text{NDF}: 20.1/19$

Out: -6.506 ± 10.780 $\chi^2/\text{NDF}: 26.8/22$

All: -9.434 ± 7.564 $\chi^2/\text{NDF}: 47.0/42$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 30.924 $\pm$ 0.013 χ^2 /NDF: 43162.1/3

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 29.038 $\pm$ 0.013 χ^2 /NDF: 21801.6/2

Left: 29.964 $\pm$ 0.009 χ^2 /NDF: 75004.7/6

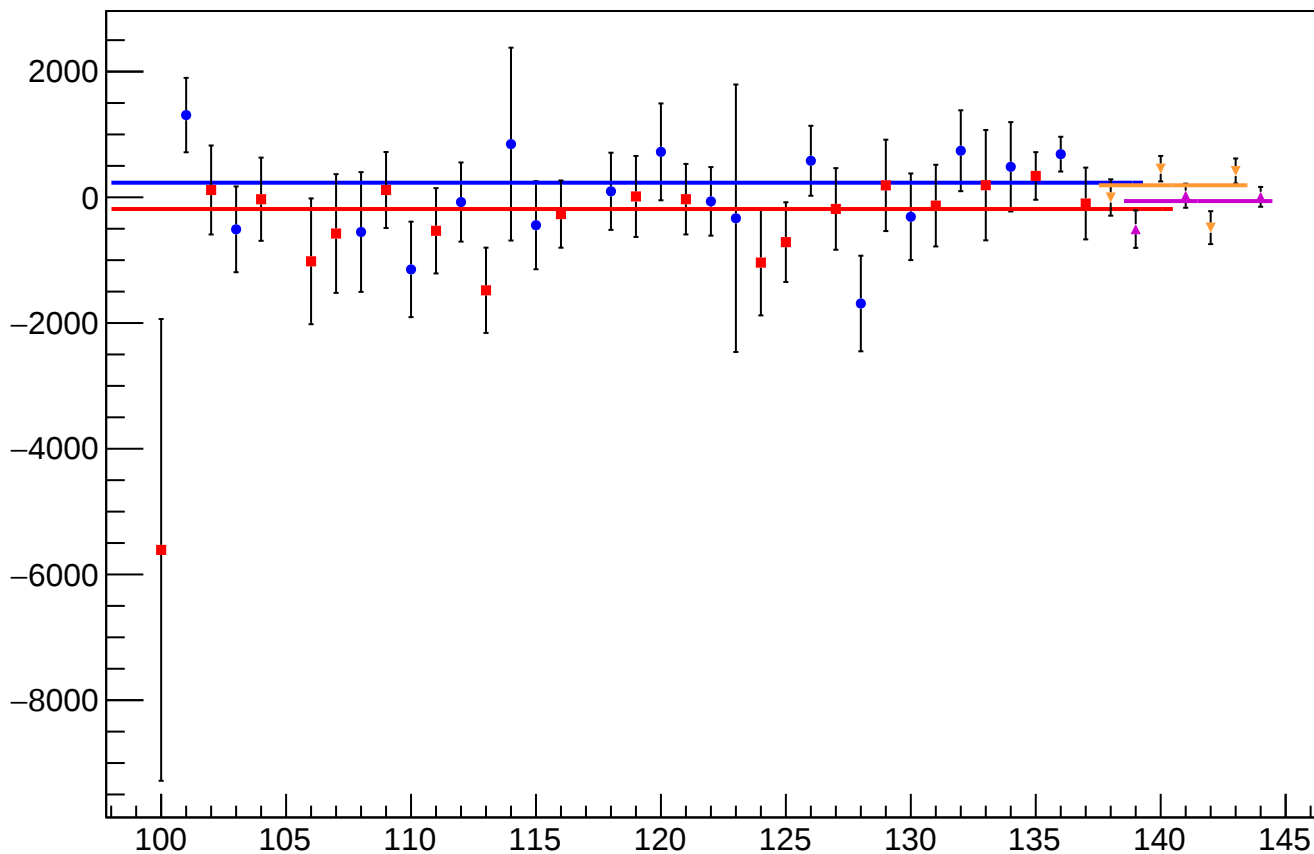
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 31.372 $\pm$ 0.008 χ^2 /NDF: 662567.8/19

Out: 32.632 $\pm$ 0.008 χ^2 /NDF: 905391.6/22

All: 31.992 $\pm$ 0.005 χ^2 /NDF: 1581825.8/42

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 191.487 $\pm$ 114.619 χ^2 /NDF:10.1/3

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -60.033 $\pm$ 112.832 χ^2 /NDF:2.6/2

Left: 63.752 $\pm$ 80.409 χ^2 /NDF: 15.2/6

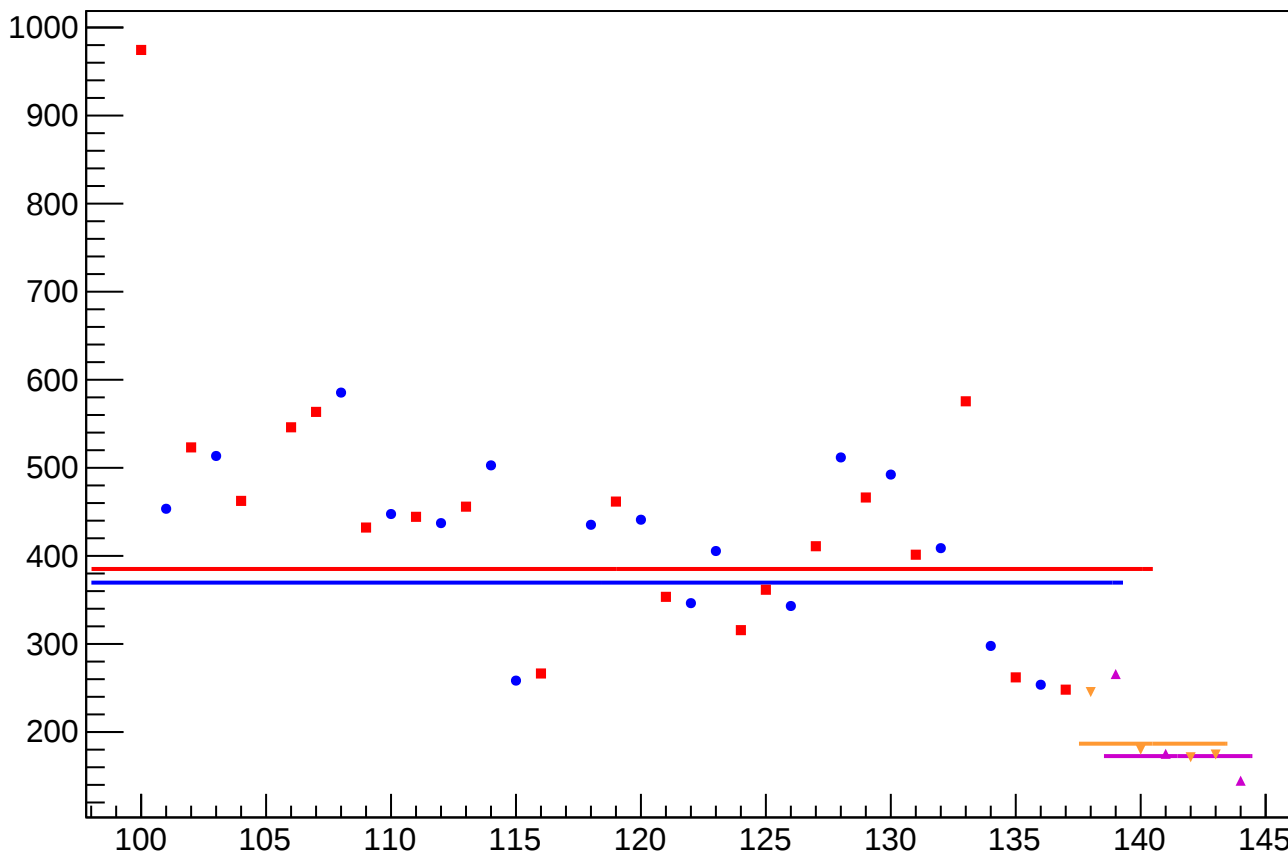
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 46.878 $\pm$ 89.865 χ^2 /NDF:26.5/19

Out: 52.114 $\pm$ 91.046 χ^2 /NDF:25.9/22

All: 49.462 $\pm$ 63.958 χ^2 /NDF: 52.4/42

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 186.769+/-0.081 χ^2/NDF : 98967.5/3

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 172.682+/-0.080 χ^2/NDF : 258230.7/2

Left: 179.615+/-0.057 χ^2/NDF : 372540.3/6

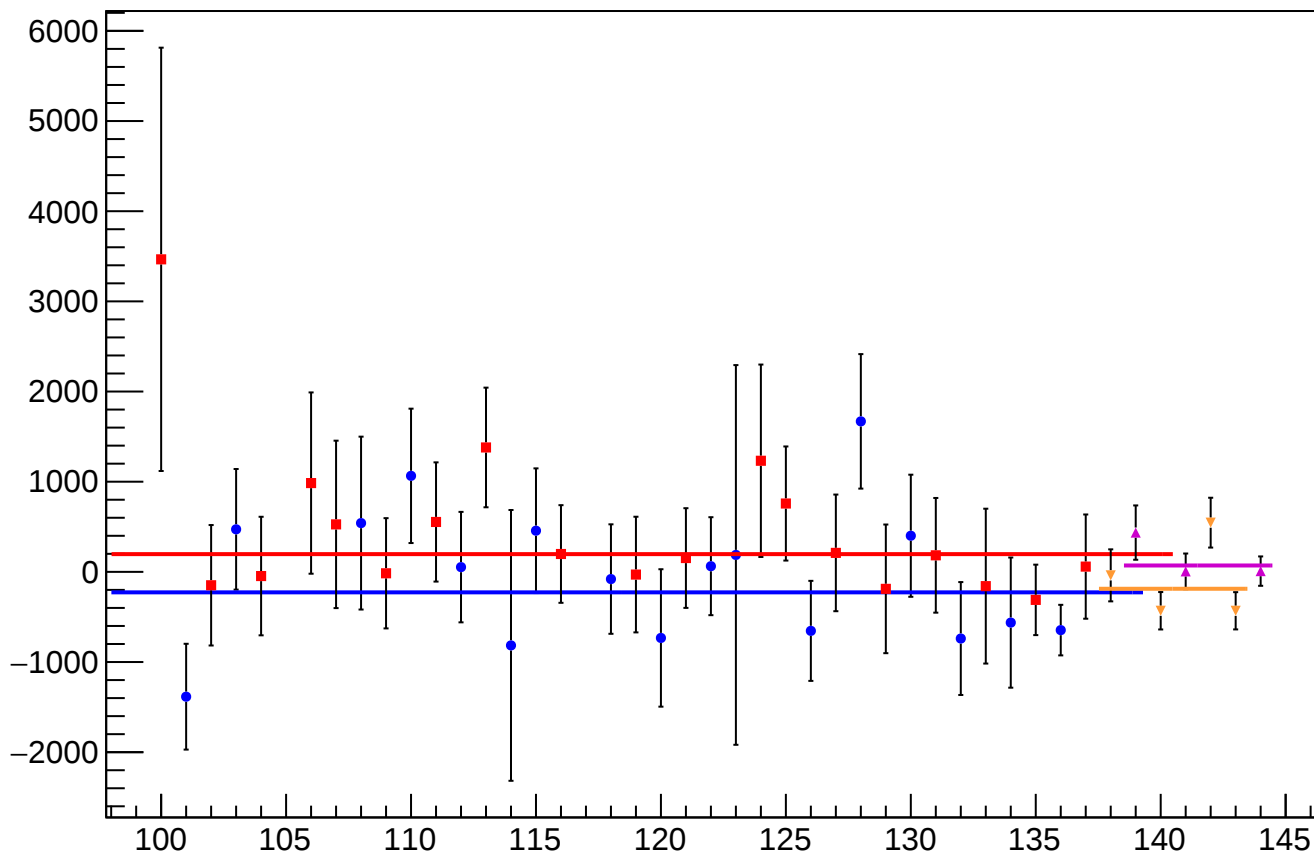
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 244.709+/-0.064 χ^2/NDF : 3389705.2/19

Out: 259.977+/-0.064 χ^2/NDF : 3236545.7/22

All: 252.243+/-0.045 χ^2/NDF : 6654740.6/42

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: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 70.749 ± 116.034 χ^2/NDF : 1.7/2

Left: -56.146 ± 82.743 χ^2/NDF : 14.2/6

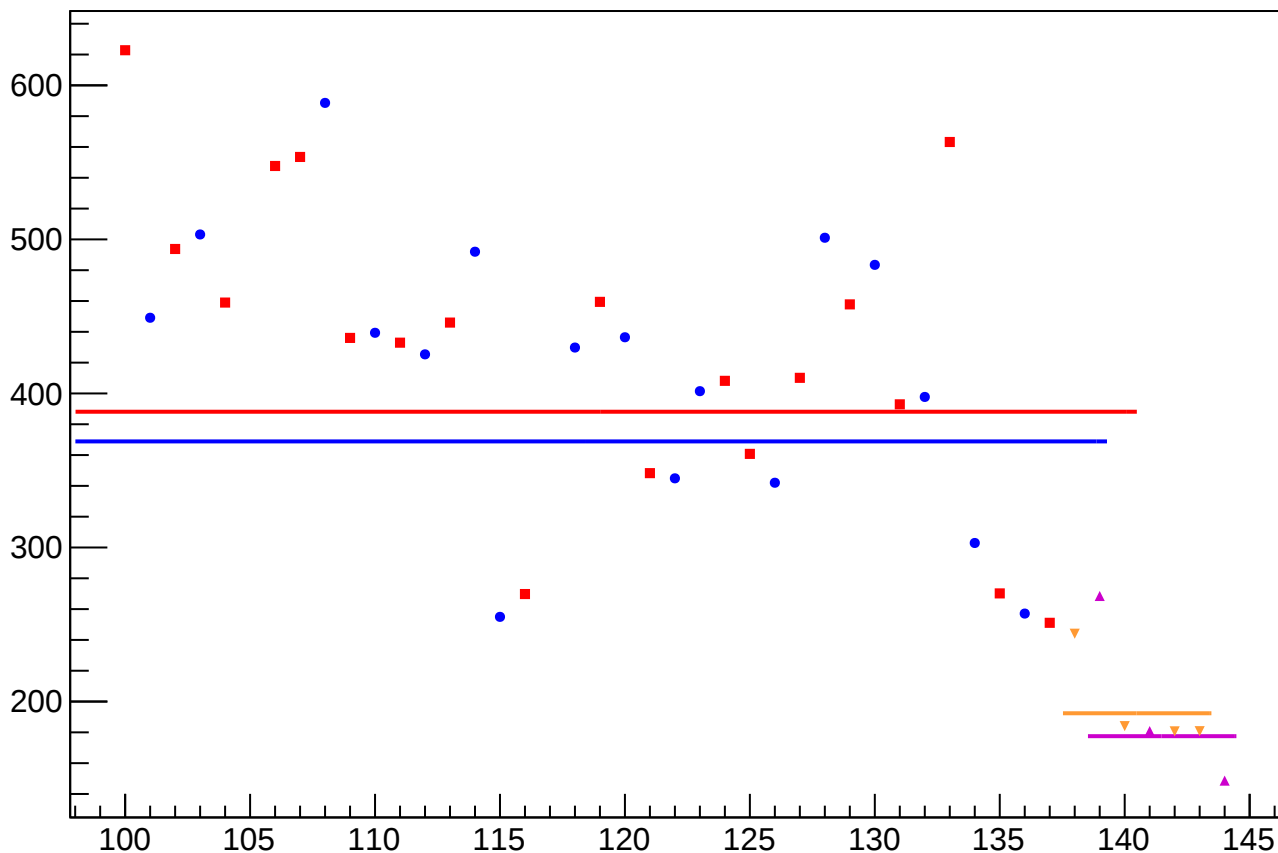
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -42.777 ± 91.297 χ^2/NDF : 26.1/19

Out: -40.746 ± 92.797 χ^2/NDF : 24.9/22

All: -41.778 ± 65.080 χ^2/NDF : 50.9/42

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 192.390 $\pm$ 0.083 χ^2 /NDF: 77321.6/3

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 177.516 $\pm$ 0.082 χ^2 /NDF: 245901.5/2

Left: 184.827 $\pm$ 0.059 χ^2 /NDF: 339374.4/6

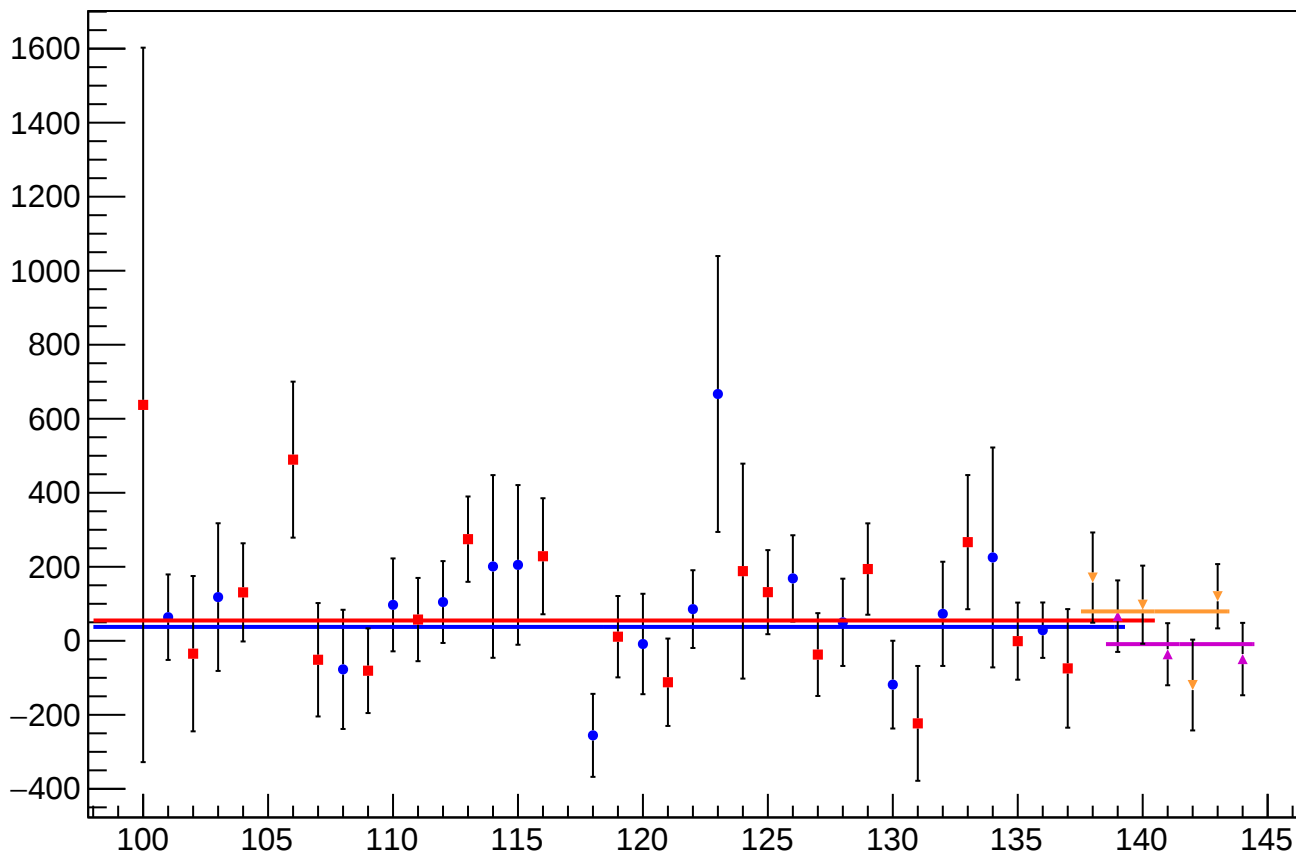
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 250.406 $\pm$ 0.065 χ^2 /NDF: 3147427.0/19

Out: 267.126 $\pm$ 0.066 χ^2 /NDF: 2955848.1/22

All: 258.630 $\pm$ 0.046 χ^2 /NDF: 6136270.5/42

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 79.433 $\pm$ 52.995 χ^2 /NDF:3.4/3

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: -8.976 $\pm$ 53.168 χ^2 /NDF:0.9/2

Left: 35.372 $\pm$ 37.534 χ^2 /NDF: 5.7/6

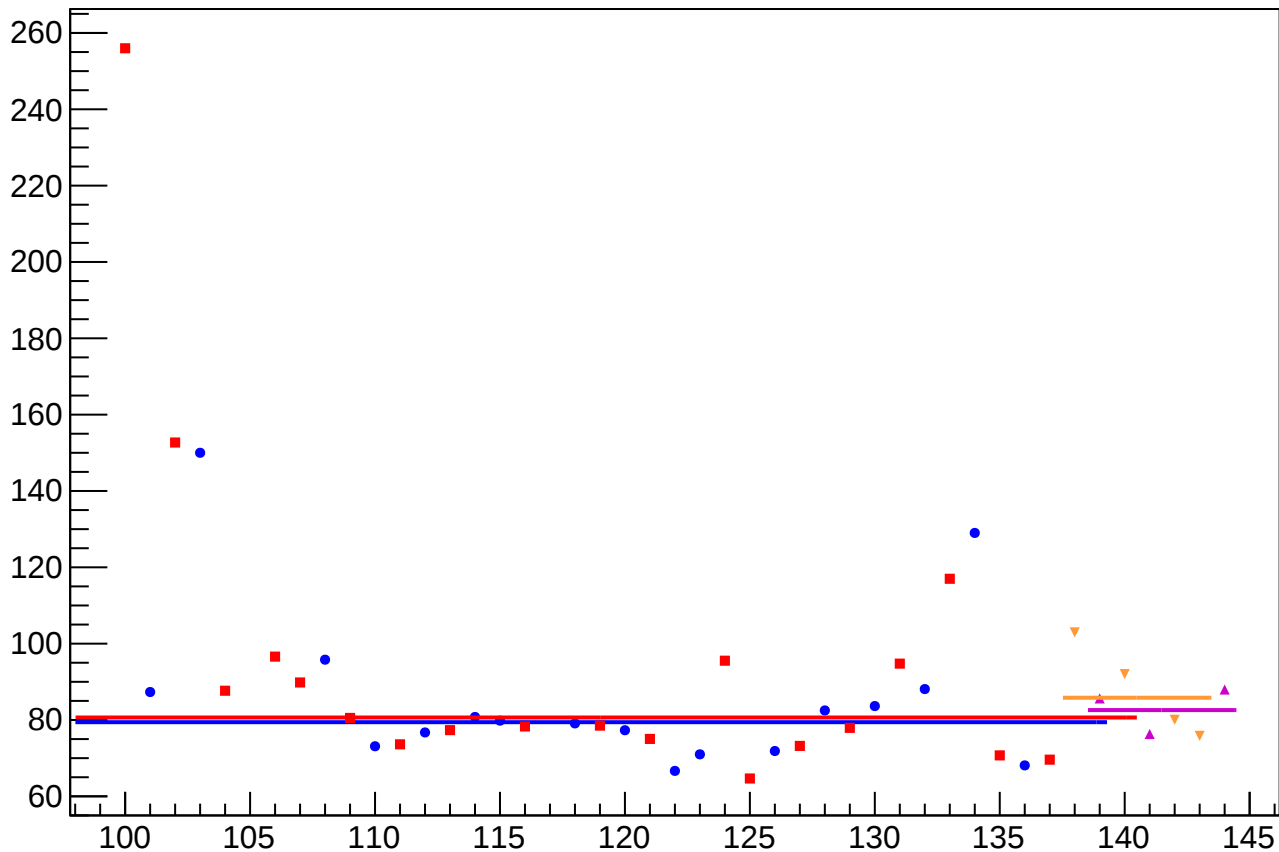
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 25.473 $\pm$ 27.075 χ^2 /NDF:17.3/19

Out: 61.292 $\pm$ 27.060 χ^2 /NDF:25.8/22

All: 43.393 $\pm$ 19.140 χ^2 /NDF: 43.9/42

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 85.832+/-0.037 χ^2/NDF : 77212.4/3

Right Out: 80.652+/-0.022 χ^2/NDF : 520439.8/18

Left In: 82.595+/-0.038 χ^2/NDF : 19192.9/2

Left: 84.218+/-0.027 χ^2/NDF : 100123.9/6

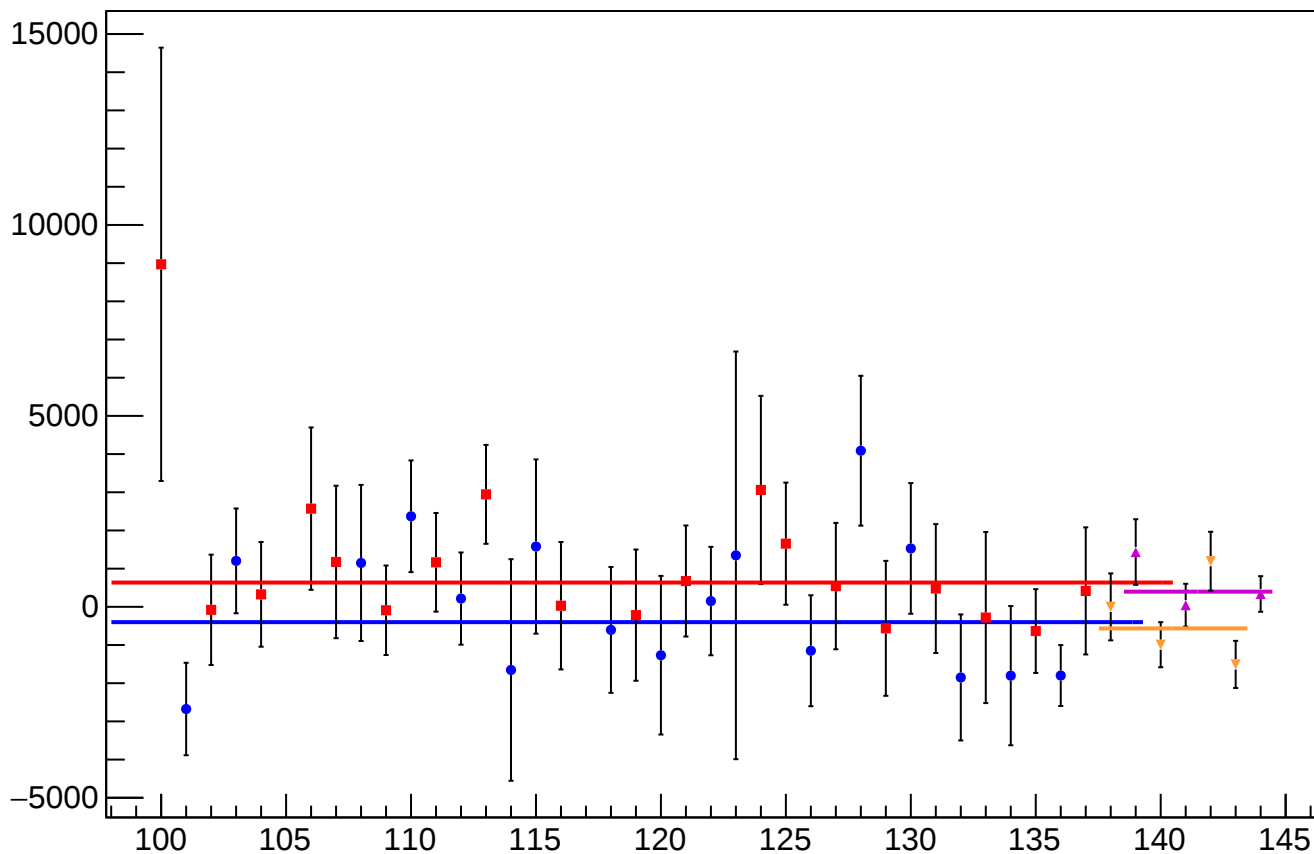
Right: 80.036+/-0.016 χ^2/NDF : 961016.5/35

In: 80.244+/-0.019 χ^2/NDF : 463516.8/19

Out: 82.003+/-0.019 χ^2/NDF : 611775.5/22

All: 81.124+/-0.014 χ^2/NDF : 1079511.5/42

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: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 397.076+/-330.717 χ^2/NDF : 1.9/2

Left: -66.207+/-238.199 χ^2/NDF : 14.4/6

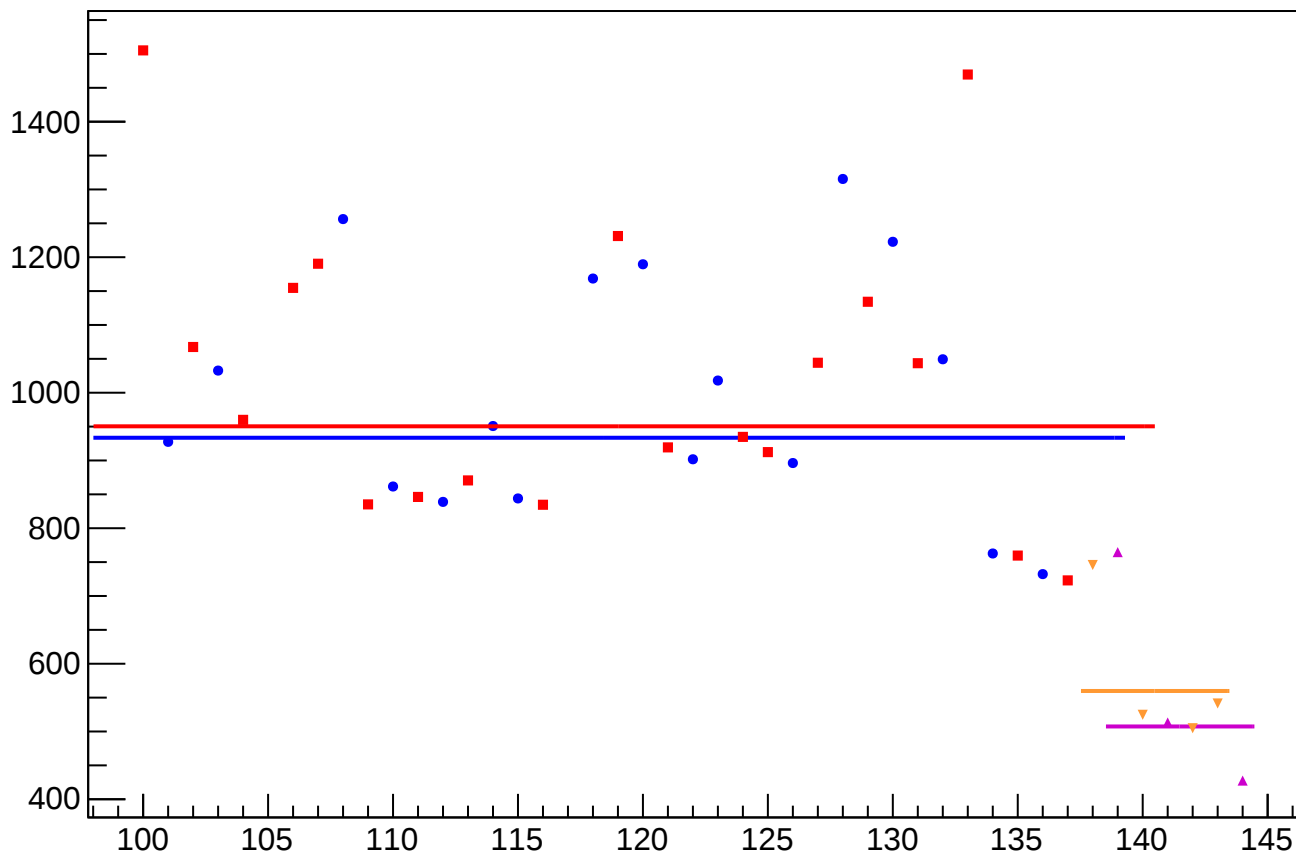
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 40.995+/-246.124 χ^2/NDF : 26.4/19

Out: 2.014+/-249.425 χ^2/NDF : 25.1/22

All: 21.764+/-175.191 χ^2/NDF : 51.5/42

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: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 507.420 $\pm$ 0.234 χ^2 /NDF:238410.0/2

Left: 532.627 $\pm$ 0.168 χ^2 /NDF: 371575.7/6

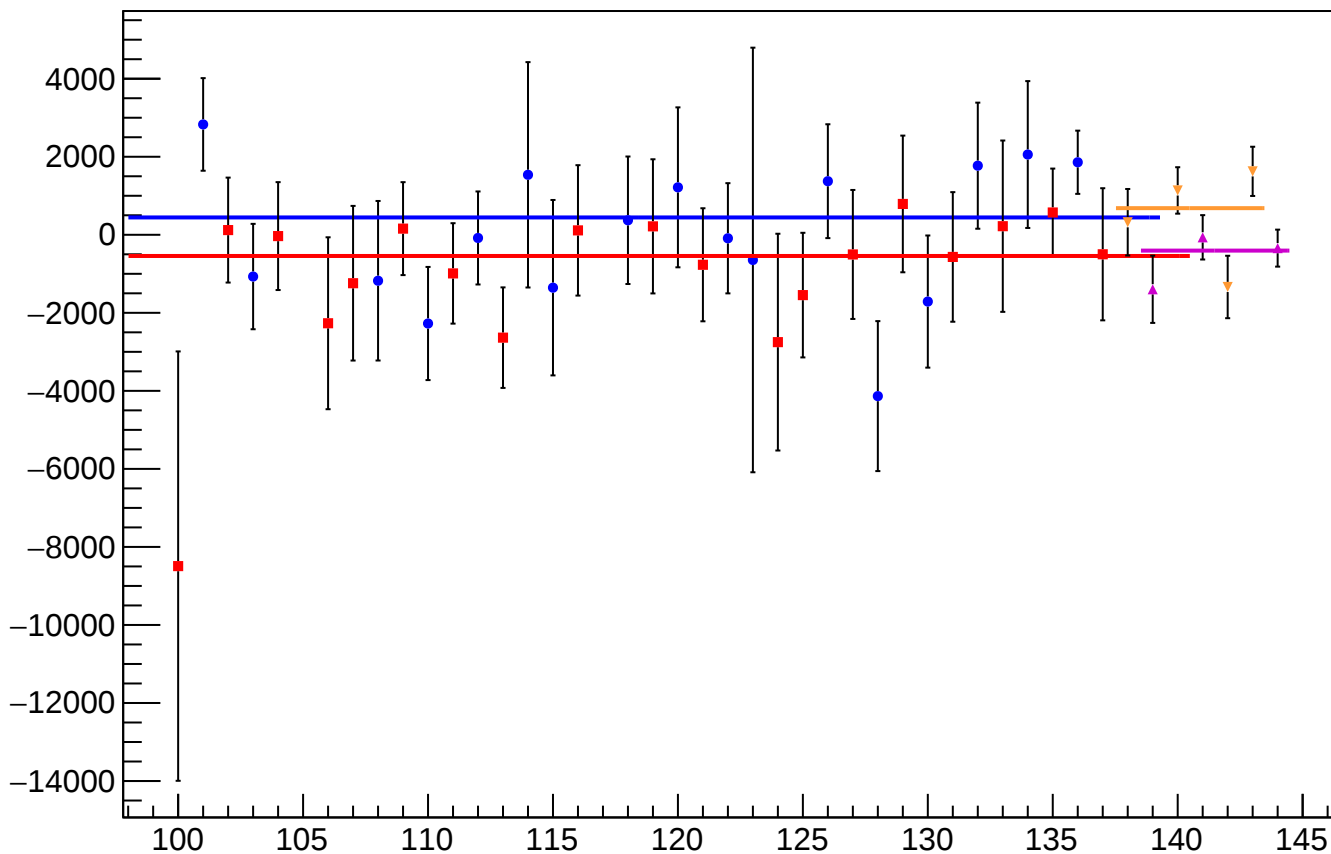
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 697.528 $\pm$ 0.174 χ^2 /NDF:2162024.5/19

Out: 744.299 $\pm$ 0.176 χ^2 /NDF:1755886.9/22

All: 720.602 $\pm$ 0.124 χ^2 /NDF: 3953541.9/42

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: -543.026 $\pm$ 363.317 χ^2 /NDF: 9.4/18

Left In: -405.272 $\pm$ 335.422 χ^2 /NDF:1.7/2

Left: 119.252 $\pm$ 241.377 χ^2 /NDF: 16.1/6

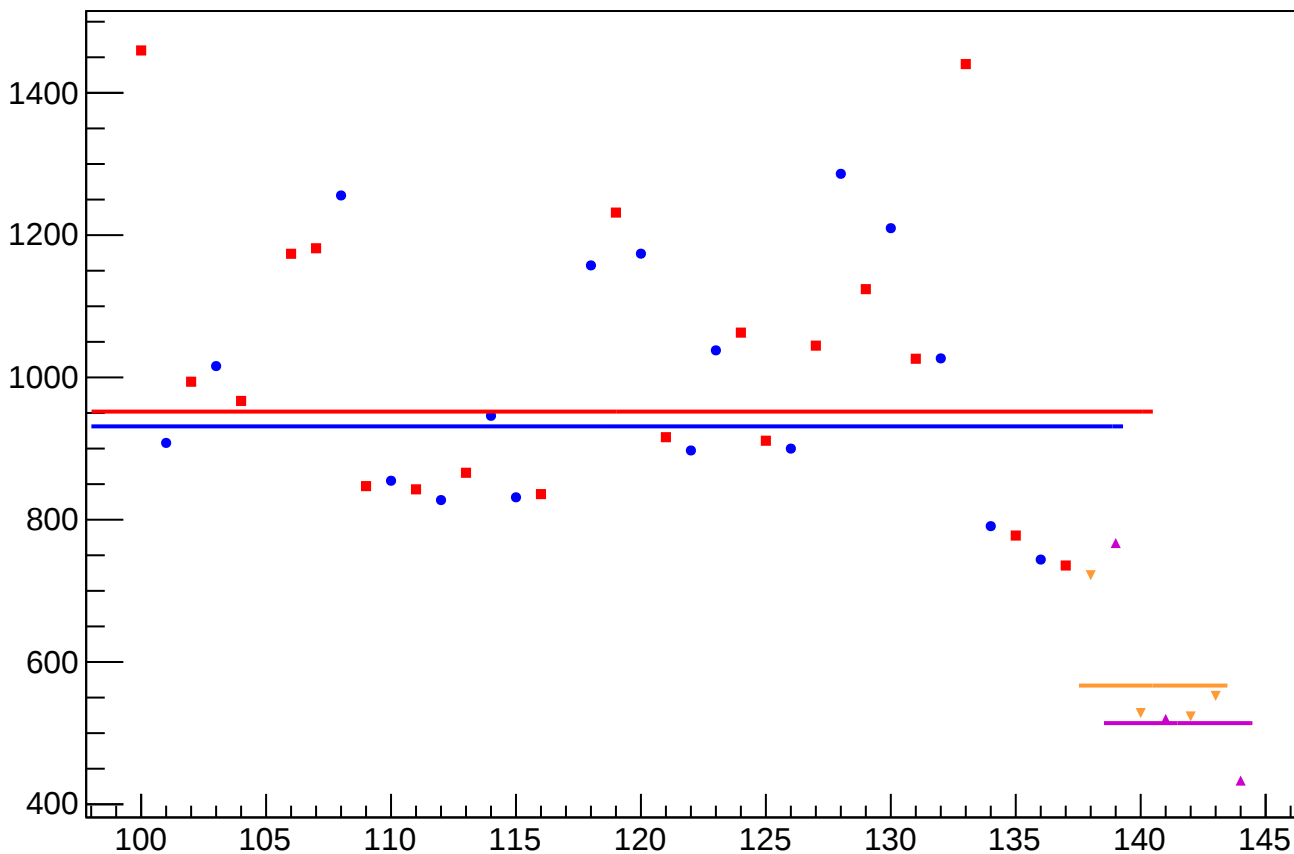
Right: -54.292 $\pm$ 258.231 χ^2 /NDF: 36.0/35

In: -18.547 $\pm$ 247.622 χ^2 /NDF:27.5/19

Out: 96.844 $\pm$ 251.171 χ^2 /NDF:24.7/22

All: 38.328 $\pm$ 176.337 χ^2 /NDF: 52.3/42

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 566.870+/-0.246 χ^2/NDF : 81570.2/3

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 514.093+/-0.237 χ^2/NDF : 230801.4/2

Left: 539.539+/-0.171 χ^2/NDF : 336244.3/6

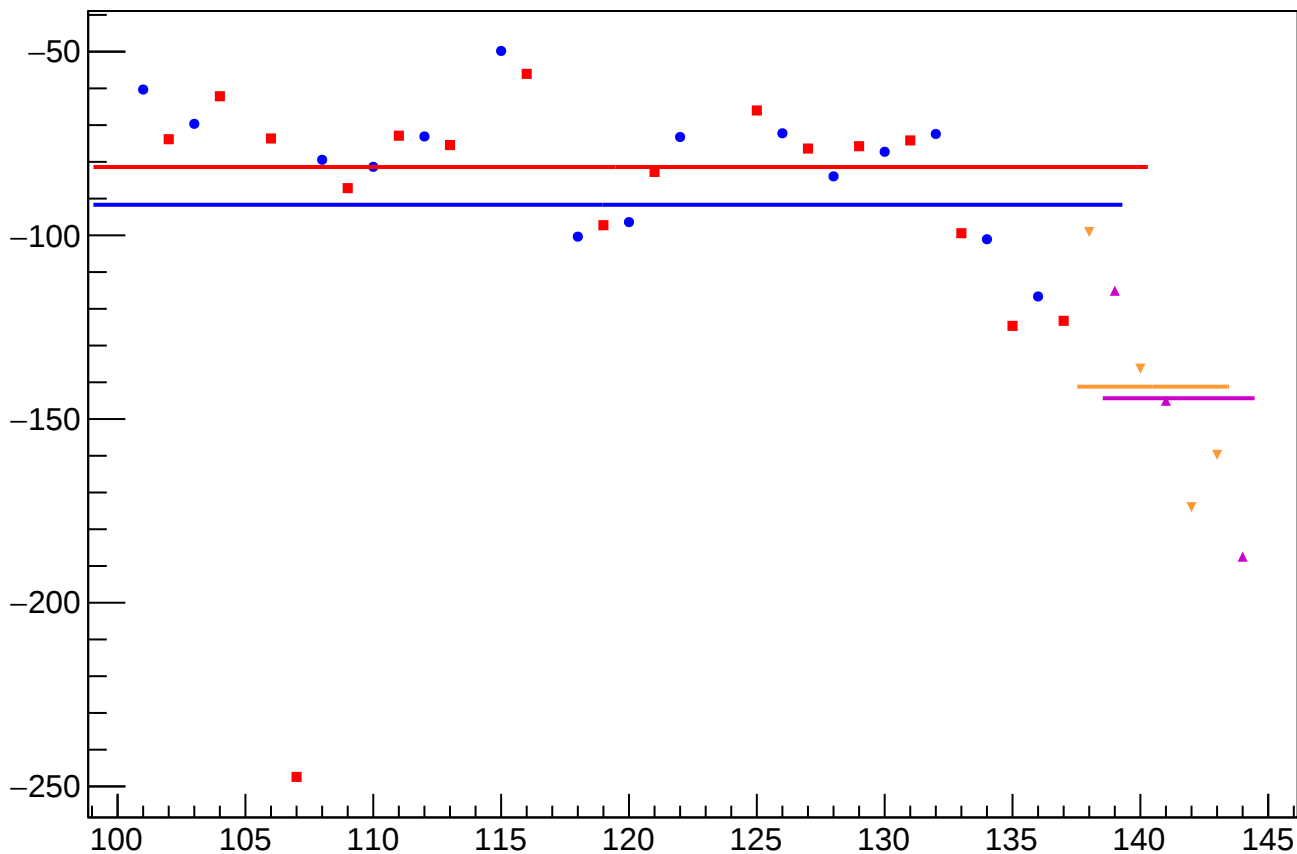
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 703.879+/-0.175 χ^2/NDF : 2038254.4/19

Out: 750.919+/-0.178 χ^2/NDF : 1637267.4/22

All: 727.064+/-0.125 χ^2/NDF : 3711095.6/42

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: -144.343 ± 0.153 χ^2/NDF : 12099.9/2

Left: -143.416 ± 0.128 χ^2/NDF : 18957.9/6

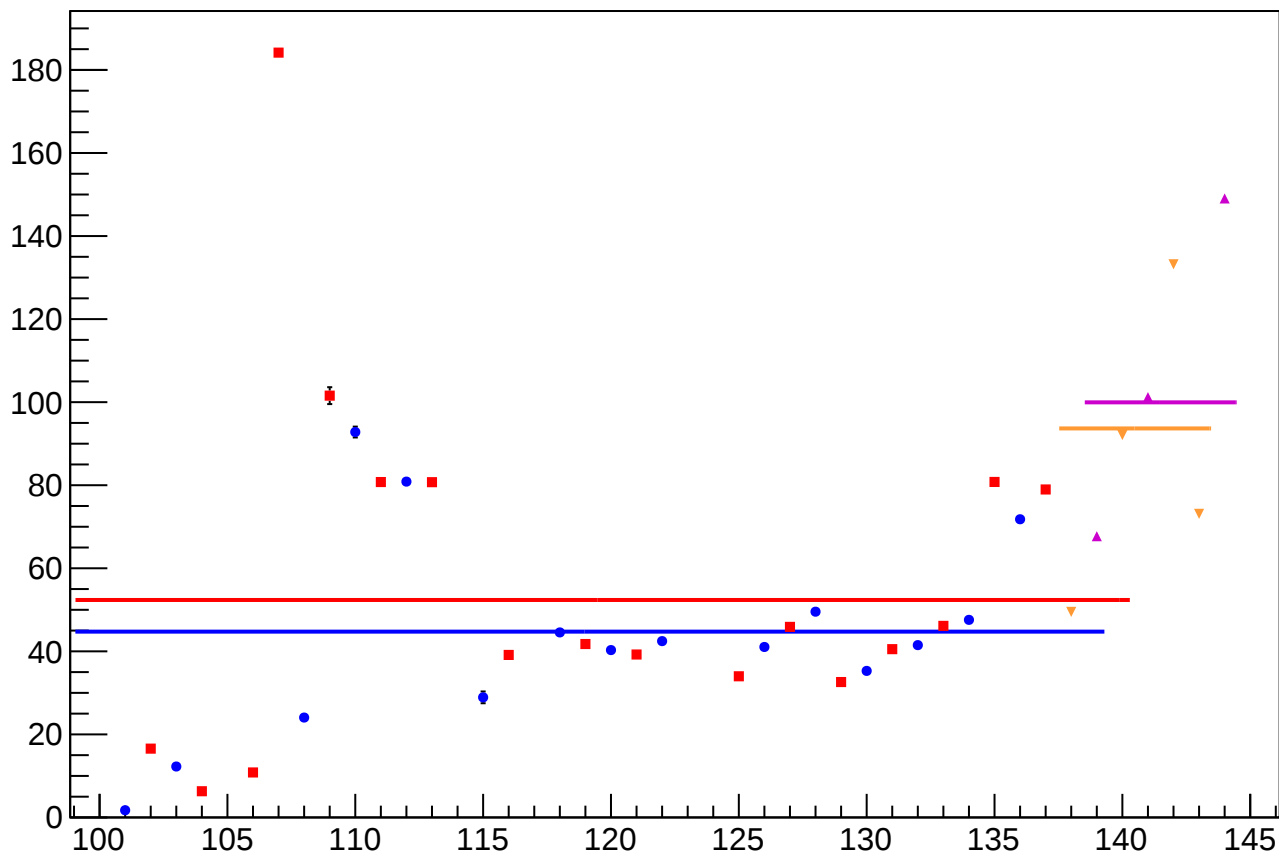
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -100.830 ± 0.064 χ^2/NDF : 174693.5/17

Out: -90.212 ± 0.091 χ^2/NDF : 102736.0/20

All: -97.330 ± 0.052 χ^2/NDF : 286571.9/38

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: 99.956 ± 0.155 χ^2/NDF : 12483.1/2

Left: 98.229 ± 0.132 χ^2/NDF : 20117.4/6

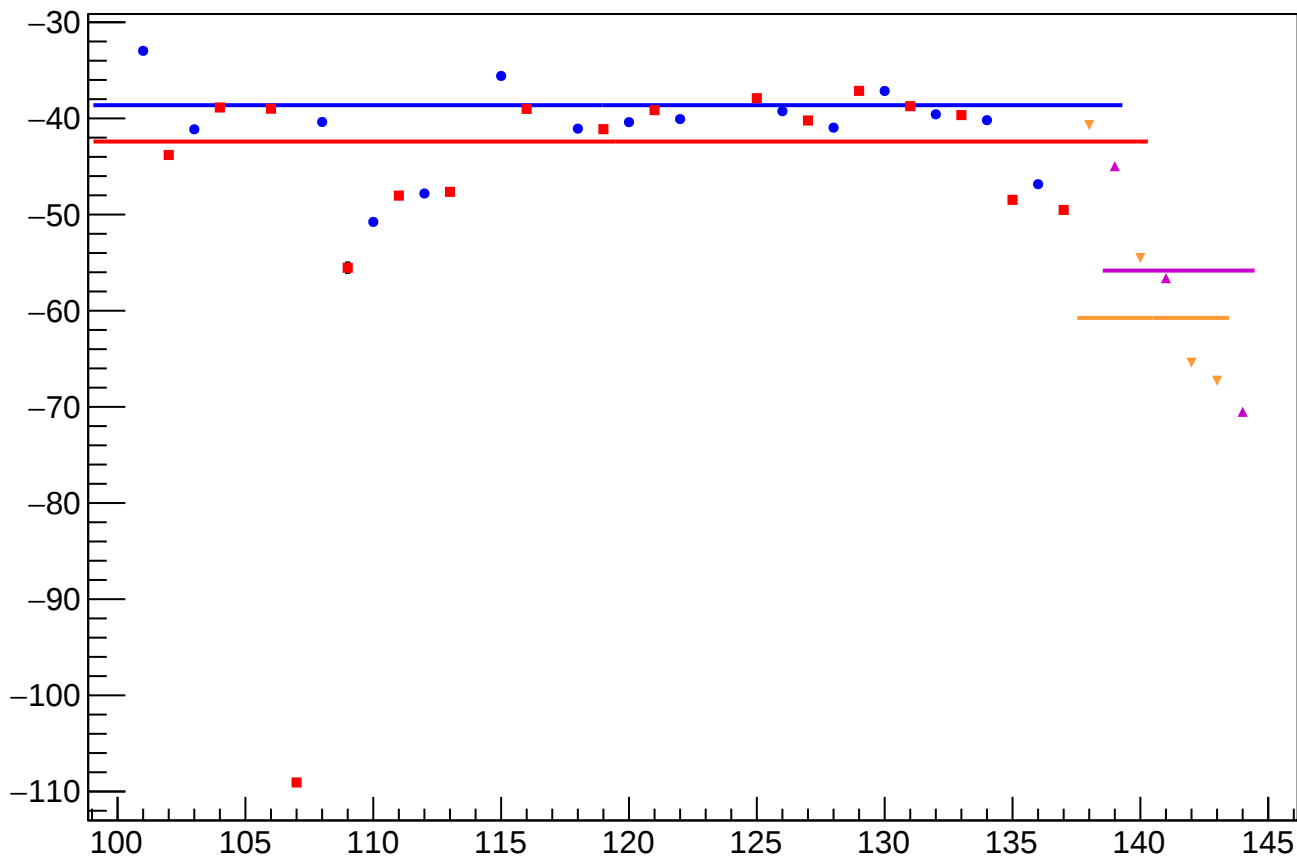
Right: 46.456 ± 0.053 χ^2/NDF : 157538.4/31

In: 52.065 ± 0.056 χ^2/NDF : 207345.7/17

Out: 59.257 ± 0.103 χ^2/NDF : 98931.8/20

All: 53.731 ± 0.049 χ^2/NDF : 310042.4/38

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -60.747+/-0.052 χ^2/NDF : 20742.9/3

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -55.825+/-0.044 χ^2/NDF : 17748.1/2

Left: -57.917+/-0.034 χ^2/NDF : 43695.1/6

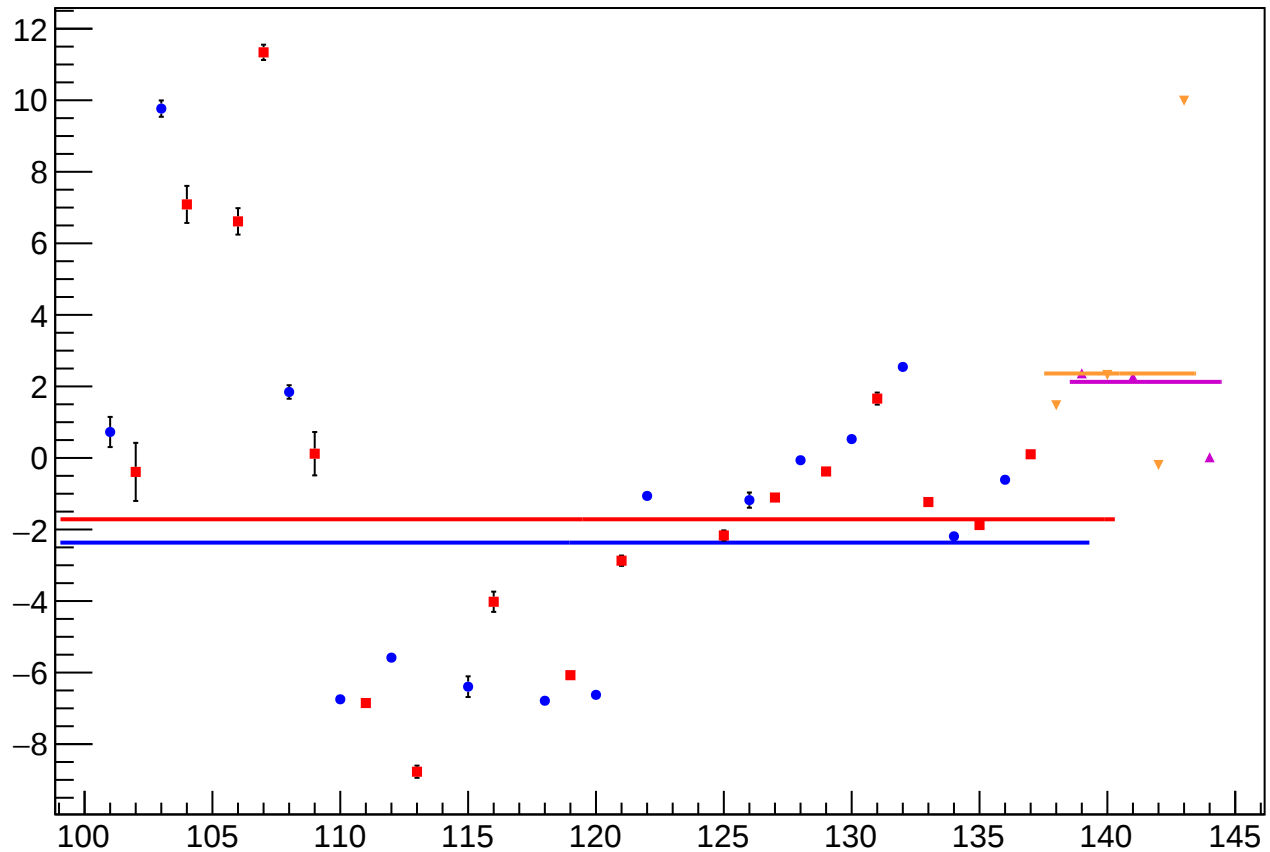
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -39.200+/-0.008 χ^2/NDF : 402407.8/17

Out: -45.062+/-0.020 χ^2/NDF : 397397.9/20

All: -40.054+/-0.008 χ^2/NDF : 875586.9/38

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: 2.127 ± 0.021 $\chi^2/\text{NDF}: 774.3/2$

Left: 2.199 ± 0.017 $\chi^2/\text{NDF}: 5516.1/6$

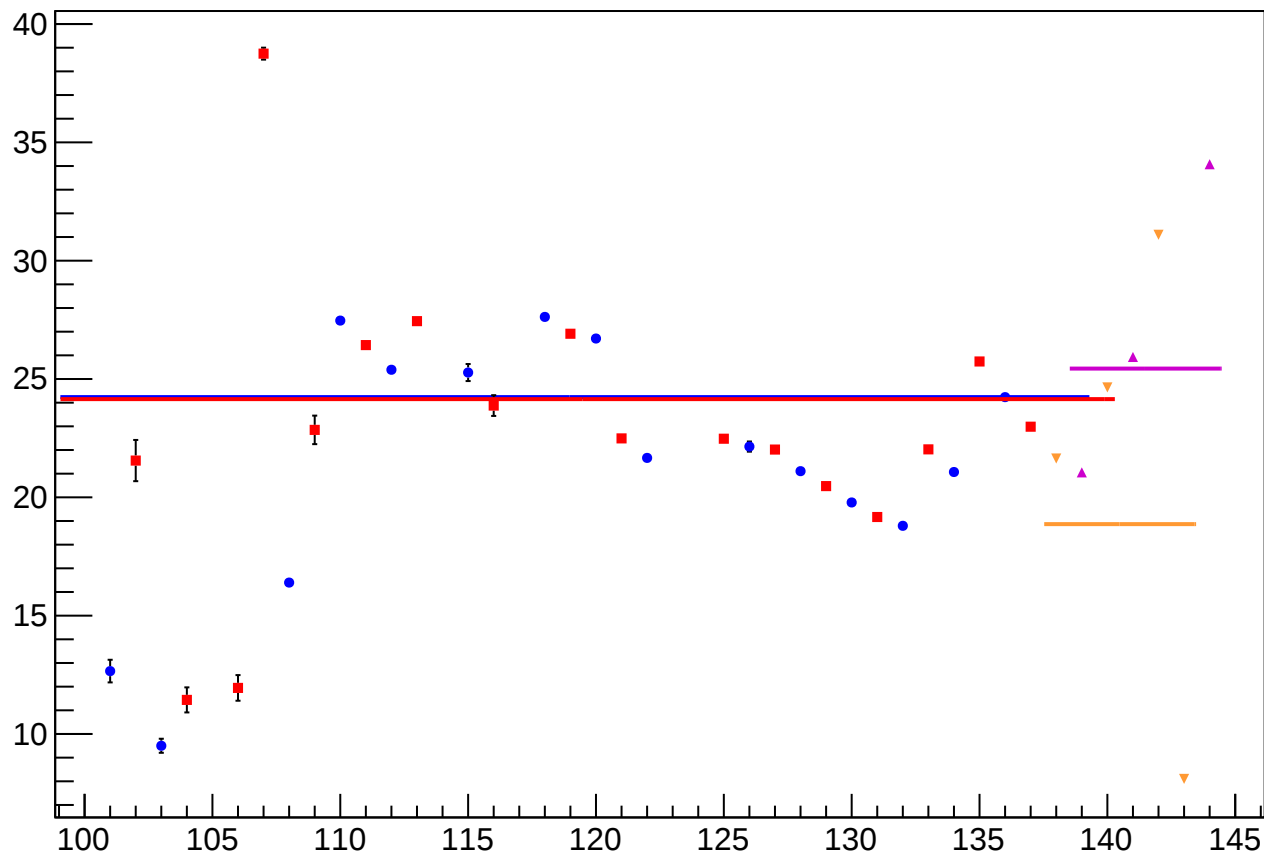
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -0.972 ± 0.012 $\chi^2/\text{NDF}: 61222.1/17$

Out: 0.013 ± 0.020 $\chi^2/\text{NDF}: 27087.7/20$

All: -0.730 ± 0.010 $\chi^2/\text{NDF}: 90052.3/38$

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: 25.440+/-0.036 χ^2/NDF : 7805.0/2

Left: 23.130+/-0.029 χ^2/NDF : 50065.1/6

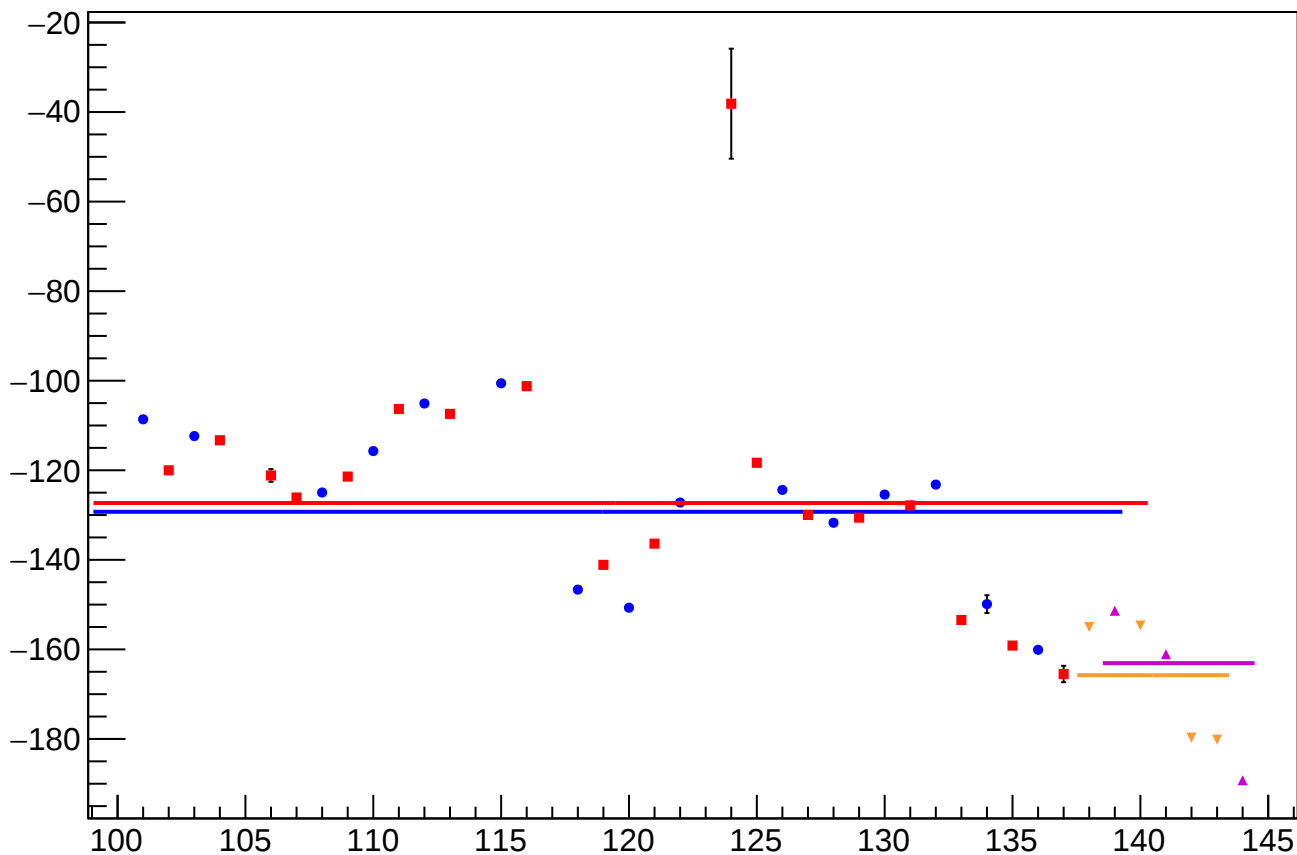
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 24.566+/-0.019 χ^2/NDF : 30522.9/17

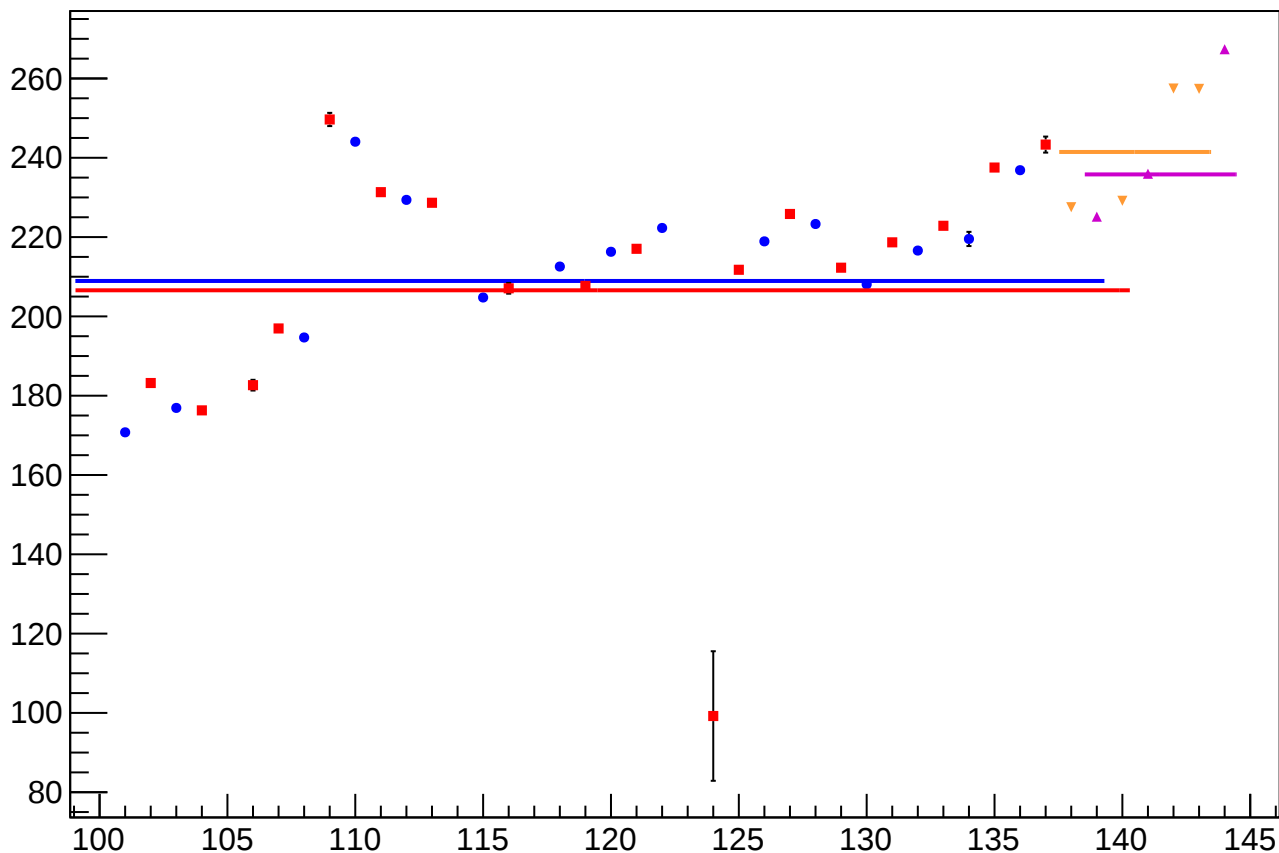
Out: 23.091+/-0.022 χ^2/NDF : 53075.0/20

All: 23.938+/-0.014 χ^2/NDF : 86226.7/38

dit_usr_4aX_slope vs Slug, Sign Corrected



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: 235.807 $\pm$ 0.144 χ^2/NDF :8754.3/2

Left: 238.713 $\pm$ 0.100 χ^2/NDF : 20312.9/6

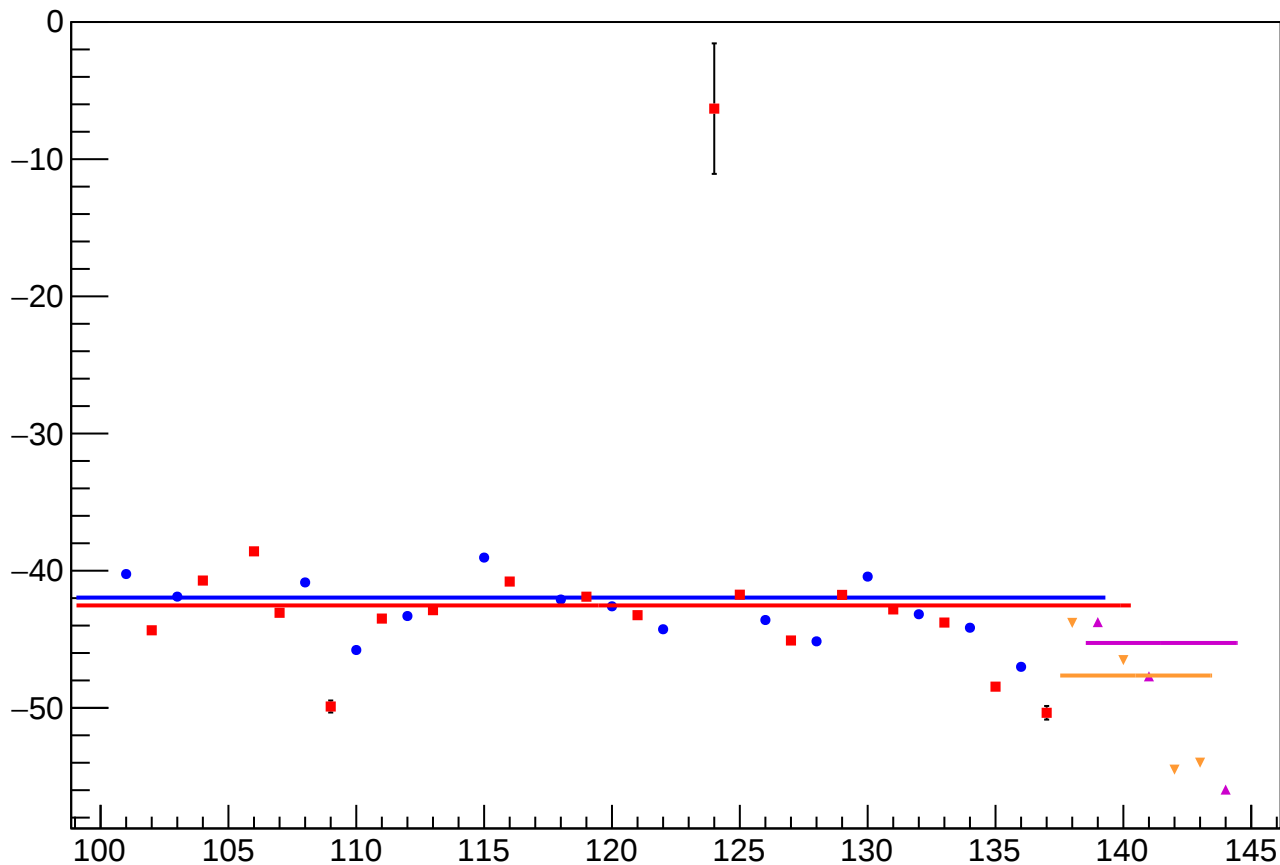
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 216.388 $\pm$ 0.076 χ^2/NDF :78613.3/17

Out: 215.670 $\pm$ 0.072 χ^2/NDF :104796.4/21

All: 216.008 $\pm$ 0.052 χ^2/NDF : 183457.2/39

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: -45.267 ± 0.023 $\chi^2/\text{NDF}: 15546.2/2$

Left: -46.355 ± 0.017 $\chi^2/\text{NDF}: 54257.8/6$

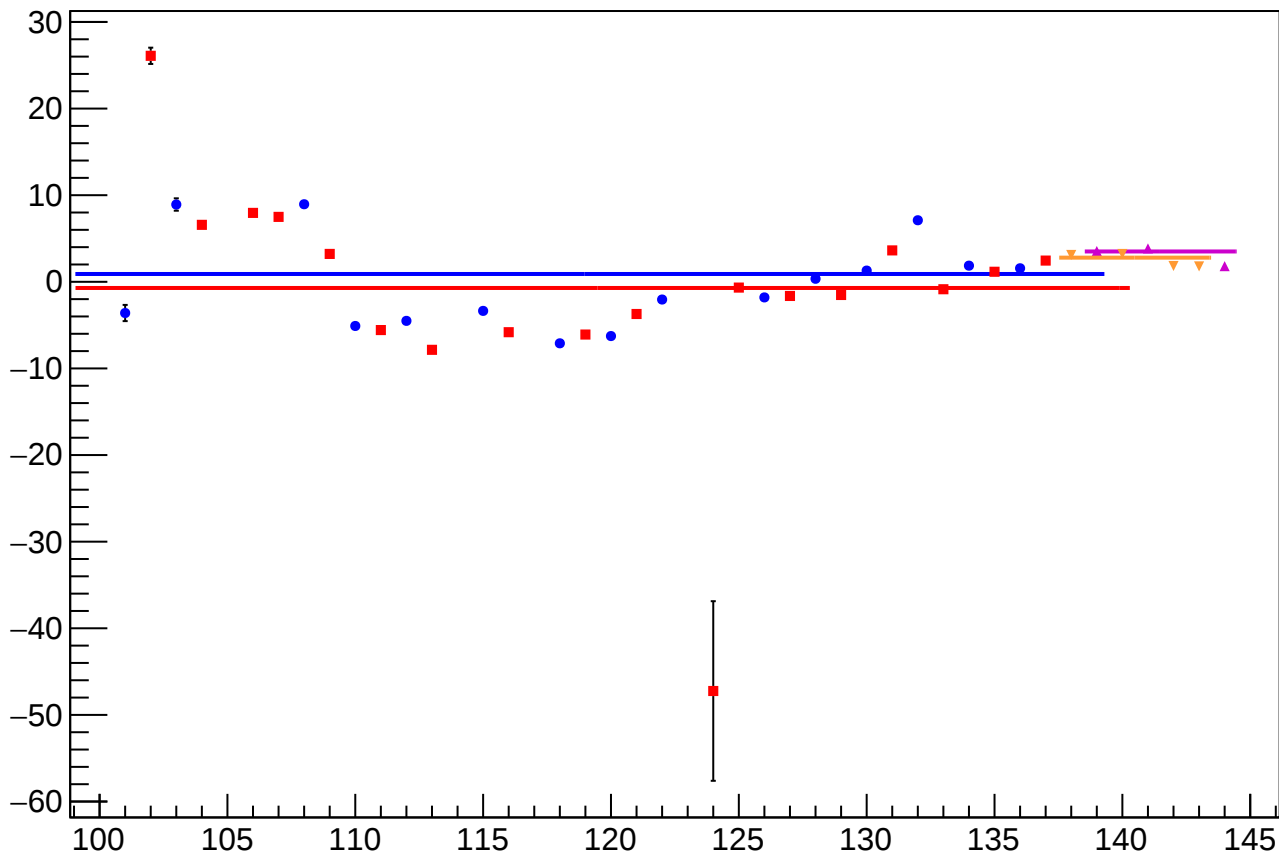
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -43.022 ± 0.013 $\chi^2/\text{NDF}: 54199.6/17$

Out: -44.637 ± 0.016 $\chi^2/\text{NDF}: 65049.5/21$

All: -43.664 ± 0.010 $\chi^2/\text{NDF}: 125521.3/39$

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: 3.503 ± 0.023 $\chi^2/\text{NDF}: 947.9/2$

Left: 3.160 ± 0.017 $\chi^2/\text{NDF}: 2120.8/6$

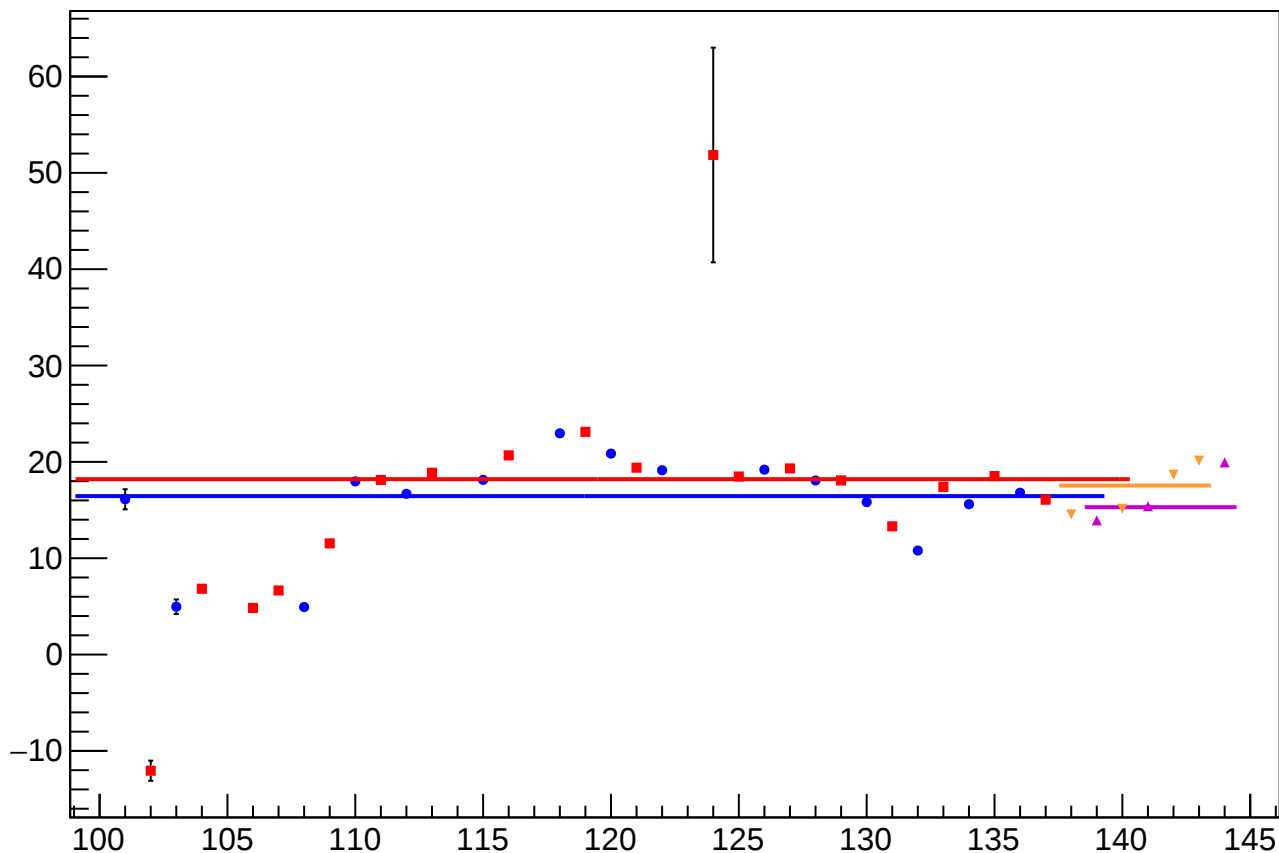
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.020 ± 0.015 $\chi^2/\text{NDF}: 29312.9/17$

Out: 1.062 ± 0.017 $\chi^2/\text{NDF}: 41949.3/21$

All: 1.598 ± 0.011 $\chi^2/\text{NDF}: 73025.0/39$

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: 15.299 $\pm$ 0.030 χ^2/NDF : 3313.1/2

Left: 16.481 $\pm$ 0.020 χ^2/NDF : 13532.9/6

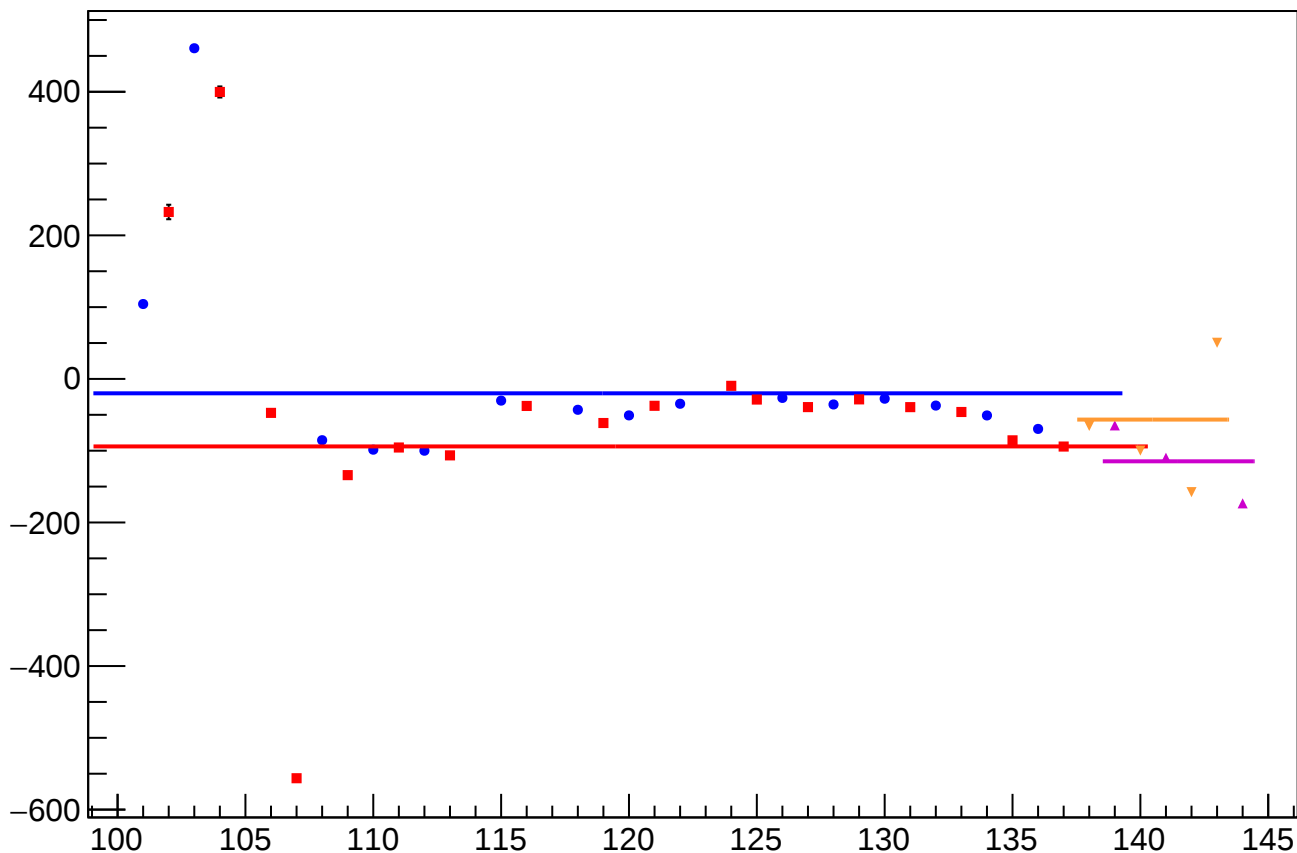
Right: 17.482 $\pm$ 0.016 χ^2/NDF : 44731.9/32

In: 15.984 $\pm$ 0.019 χ^2/NDF : 18388.6/17

Out: 17.978 $\pm$ 0.017 χ^2/NDF : 35067.4/21

All: 17.111 $\pm$ 0.012 χ^2/NDF : 59776.0/39

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: -114.791 ± 0.336 $\chi^2/\text{NDF}: 13041.5/2$

Left: -80.139 ± 0.214 $\chi^2/\text{NDF}: 70013.8/6$

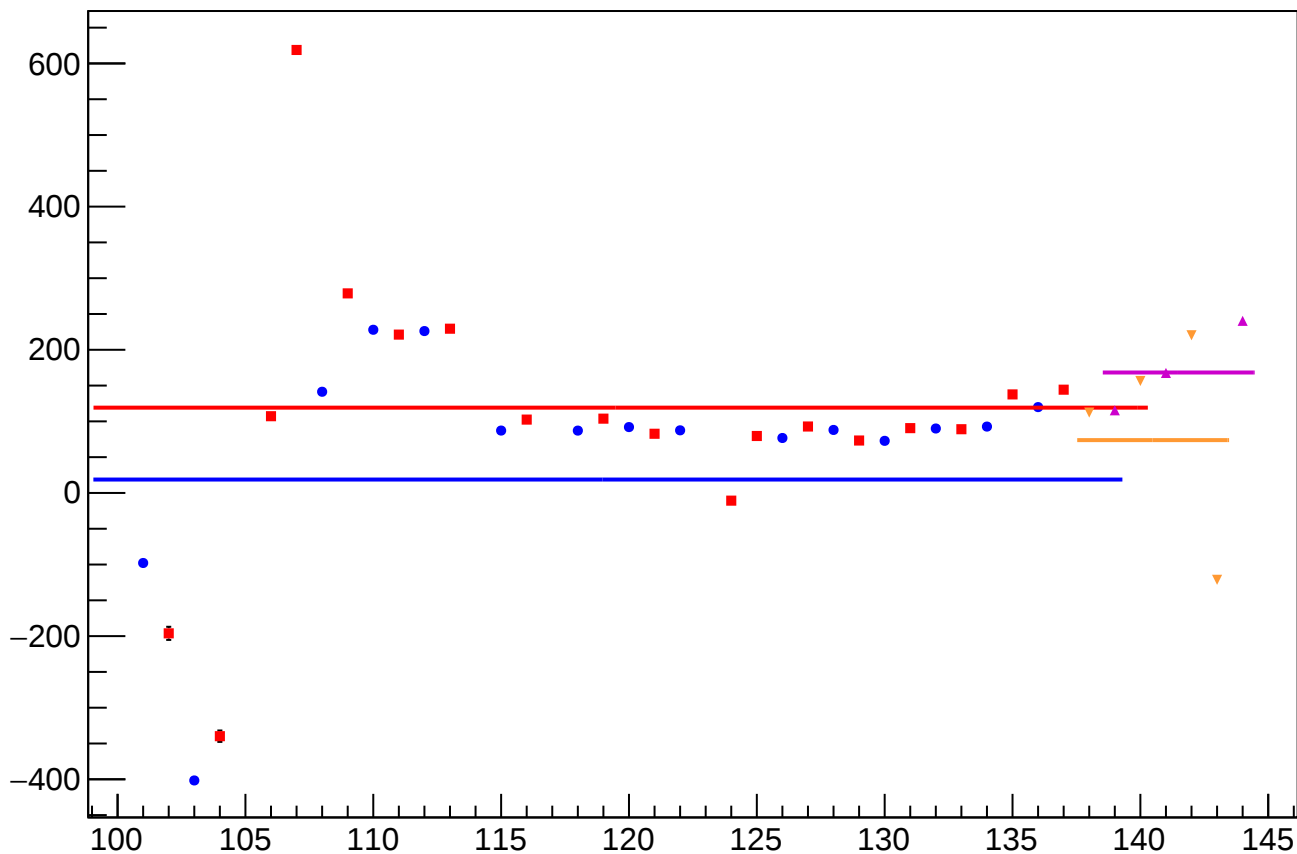
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -36.351 ± 0.139 $\chi^2/\text{NDF}: 520308.4/17$

Out: -93.975 ± 0.012 $\chi^2/\text{NDF}: 144855.7/21$

All: -93.521 ± 0.012 $\chi^2/\text{NDF}: 834796.9/39$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Left: 111.209 +/- 0.213 χ^2/NDF : 216615.3/6

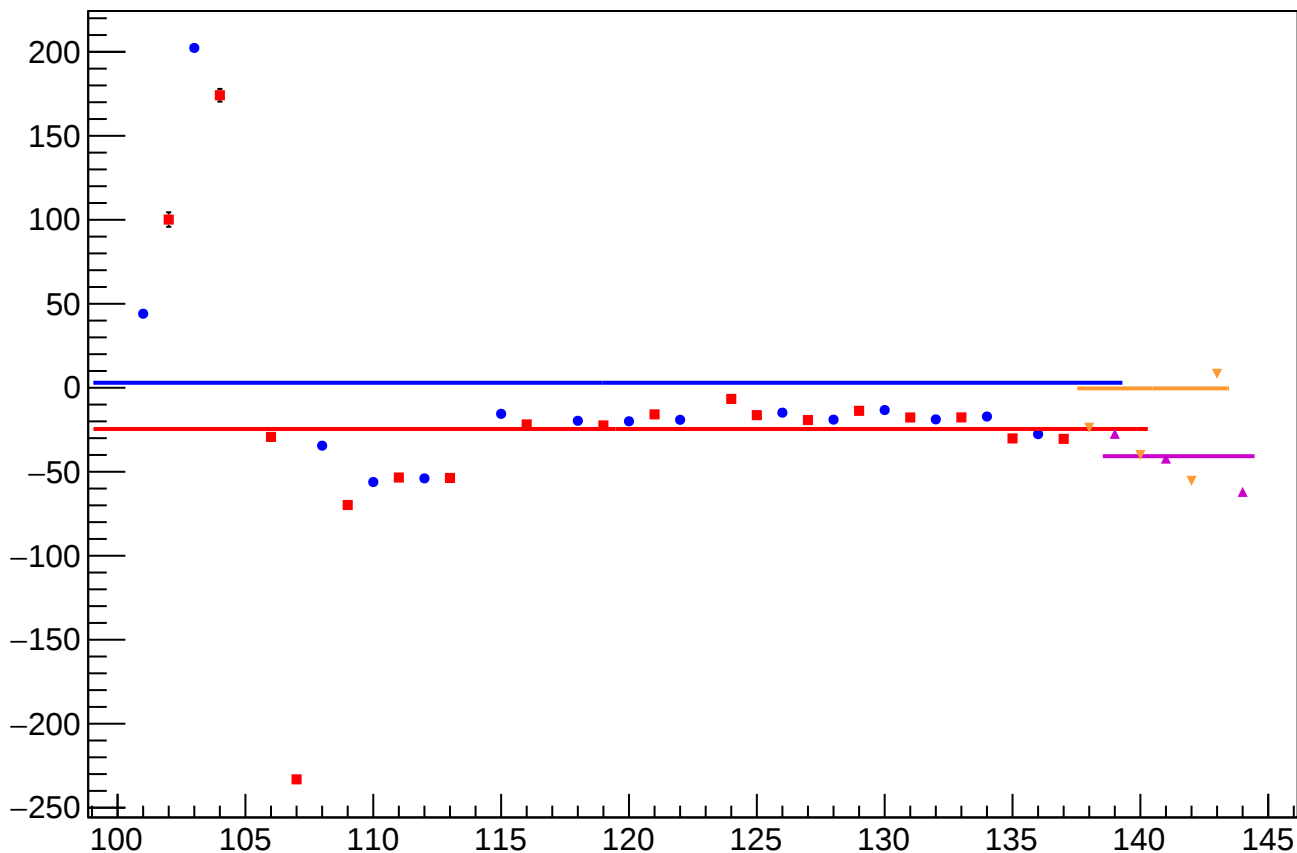
Right: 55.701 +/- 0.121 χ^2/NDF : 1349806.5/32

In: 43.943 +/- 0.139 χ^2/NDF : 1278634.0/17

Out: 103.434 +/- 0.161 χ^2/NDF : 260961.7/21

All: 69.273 +/- 0.105 χ^2/NDF : 1617968.4/39

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -0.375 ± 0.034 $\chi^2/\text{NDF}: 255559.9/3$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -40.726 ± 0.064 $\chi^2/\text{NDF}: 17017.4/2$

Left: -9.213 ± 0.030 $\chi^2/\text{NDF}: 584853.9/6$

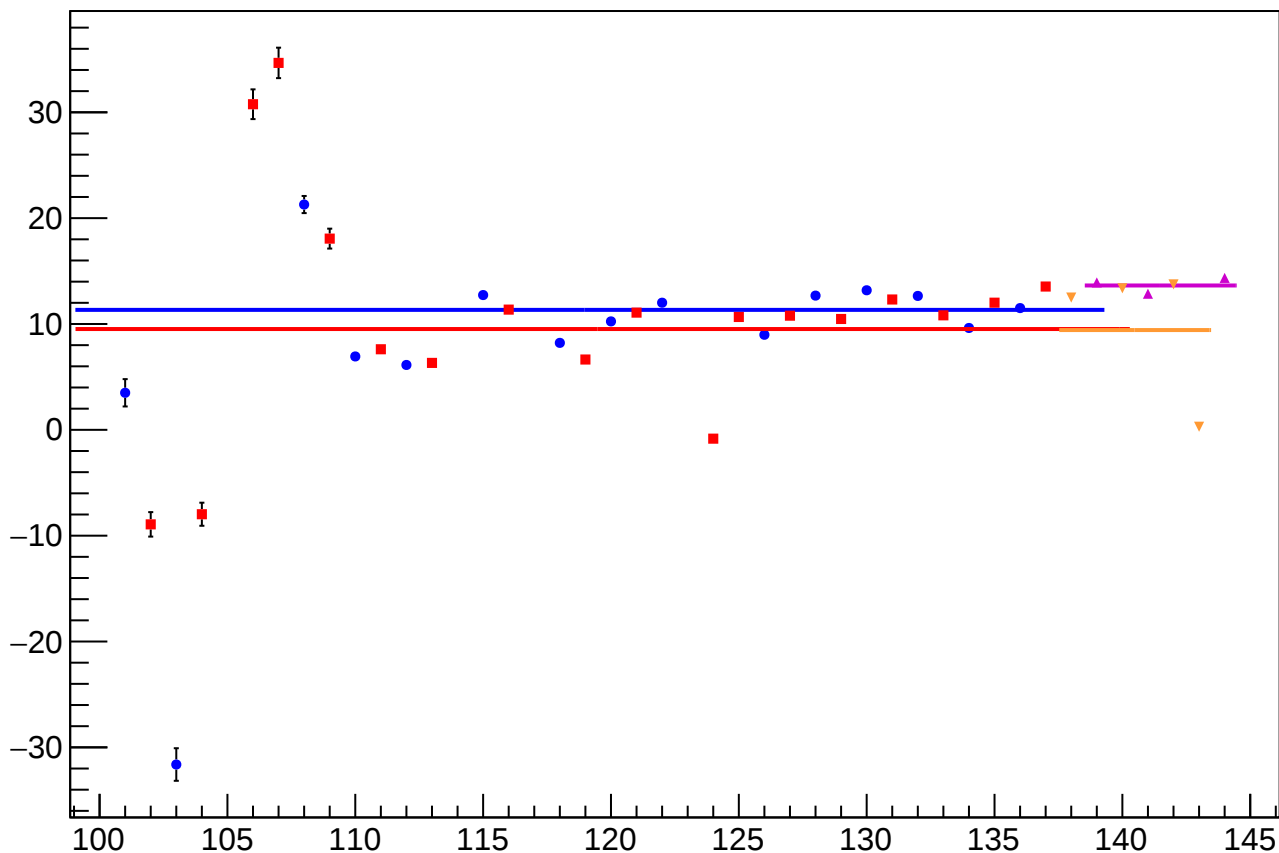
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -3.600 ± 0.025 $\chi^2/\text{NDF}: 3912356.8/17$

Out: -9.435 ± 0.027 $\chi^2/\text{NDF}: 623688.1/21$

All: -6.298 ± 0.018 $\chi^2/\text{NDF}: 4561690.1/39$

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: 13.639+/-0.051 χ^2/NDF : 140.9/2

Left: 10.967+/-0.031 χ^2/NDF : 27668.1/6

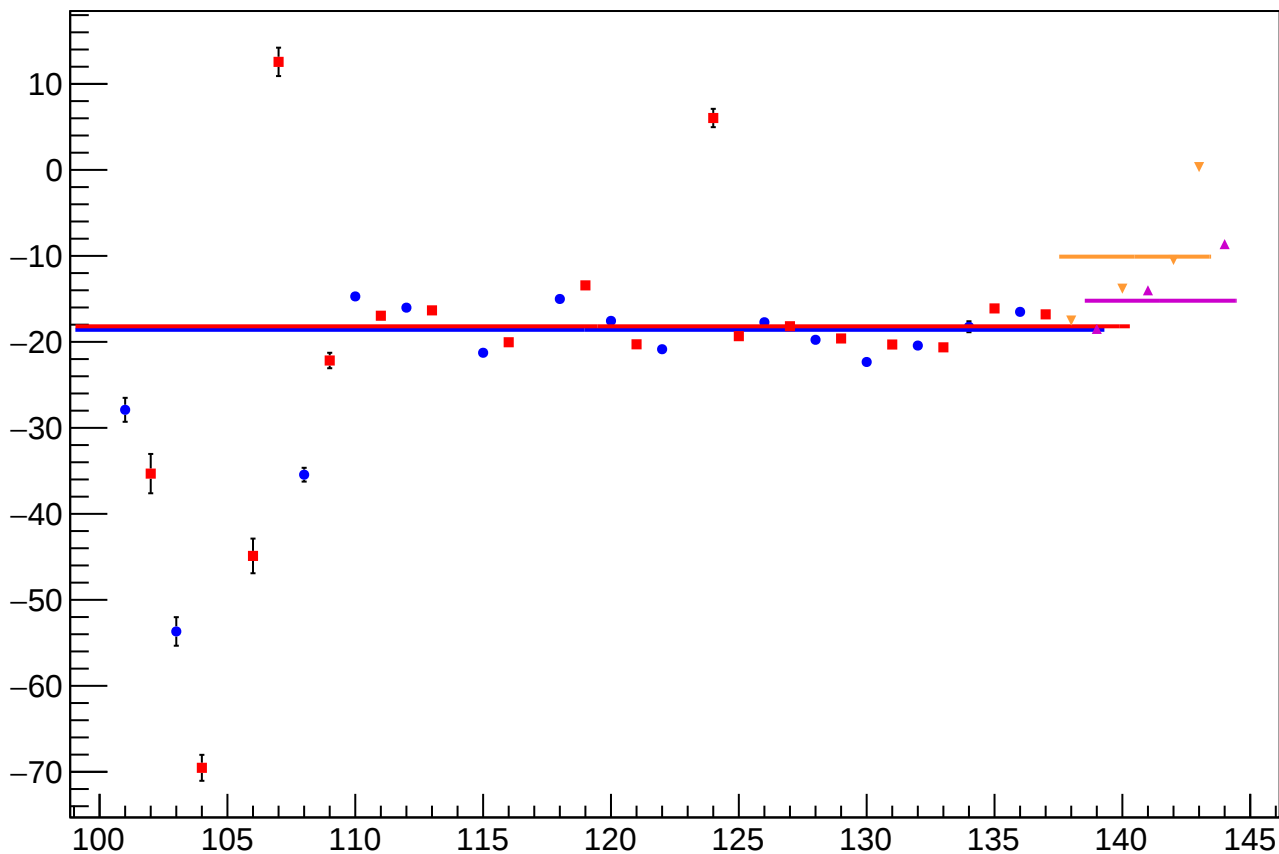
Right: 10.651+/-0.029 χ^2/NDF : 7358.3/32

In: 12.142+/-0.030 χ^2/NDF : 3879.7/17

Out: 9.465+/-0.030 χ^2/NDF : 27248.9/21

All: 10.802+/-0.021 χ^2/NDF : 35081.1/39

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: -15.214 ± 0.074 $\chi^2/\text{NDF}: 2589.5/2$

Left: -11.760 ± 0.042 $\chi^2/\text{NDF}: 21644.2/6$

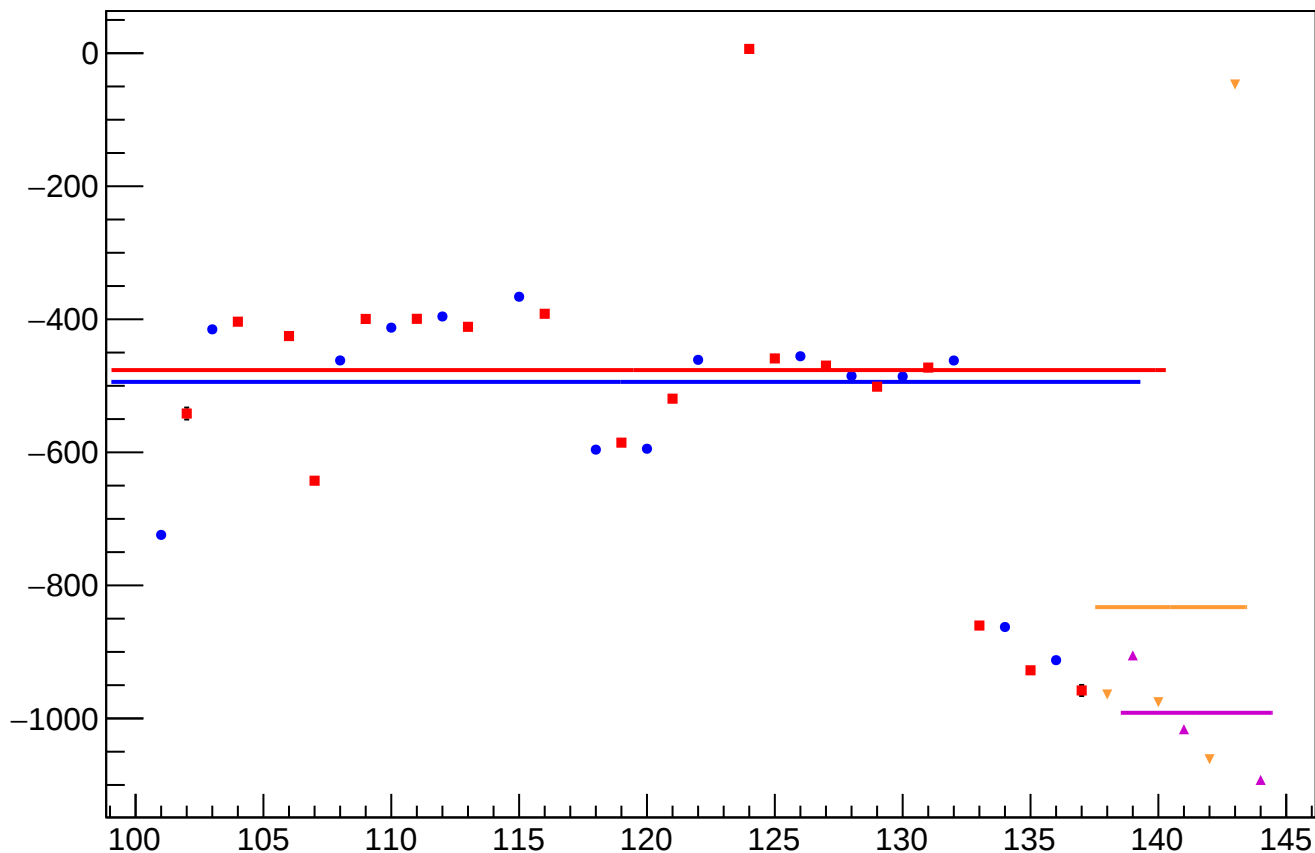
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -17.917 ± 0.033 $\chi^2/\text{NDF}: 10442.6/17$

Out: -14.309 ± 0.036 $\chi^2/\text{NDF}: 33569.7/21$

All: -16.242 ± 0.024 $\chi^2/\text{NDF}: 49488.2/39$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -832.683 ± 0.698 $\chi^2/\text{NDF}: 262713.8/3$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -991.516 ± 0.643 $\chi^2/\text{NDF}: 13049.6/2$

Left: -918.656 ± 0.473 $\chi^2/\text{NDF}: 303751.5/6$

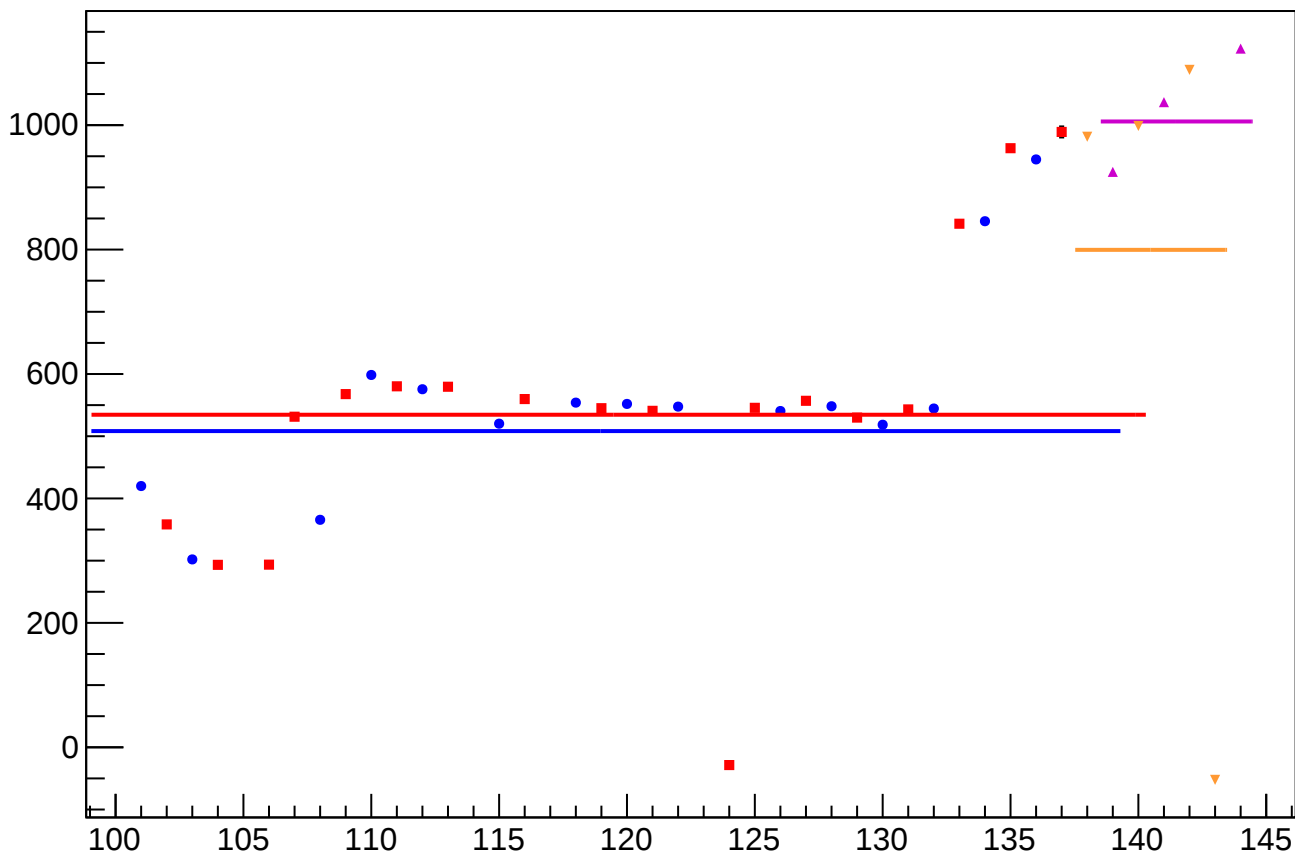
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -551.417 ± 0.218 $\chi^2/\text{NDF}: 868494.7/17$

Out: -499.736 ± 0.179 $\chi^2/\text{NDF}: 1099996.1/21$

All: -520.506 ± 0.138 $\chi^2/\text{NDF}: 2002010.6/39$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 799.559 $\pm$ 0.683 χ^2 /NDF:395764.2/3

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 1005.892 $\pm$ 0.617 χ^2 /NDF:14260.5/2

Left: 913.229 $\pm$ 0.458 χ^2 /NDF: 460308.1/6

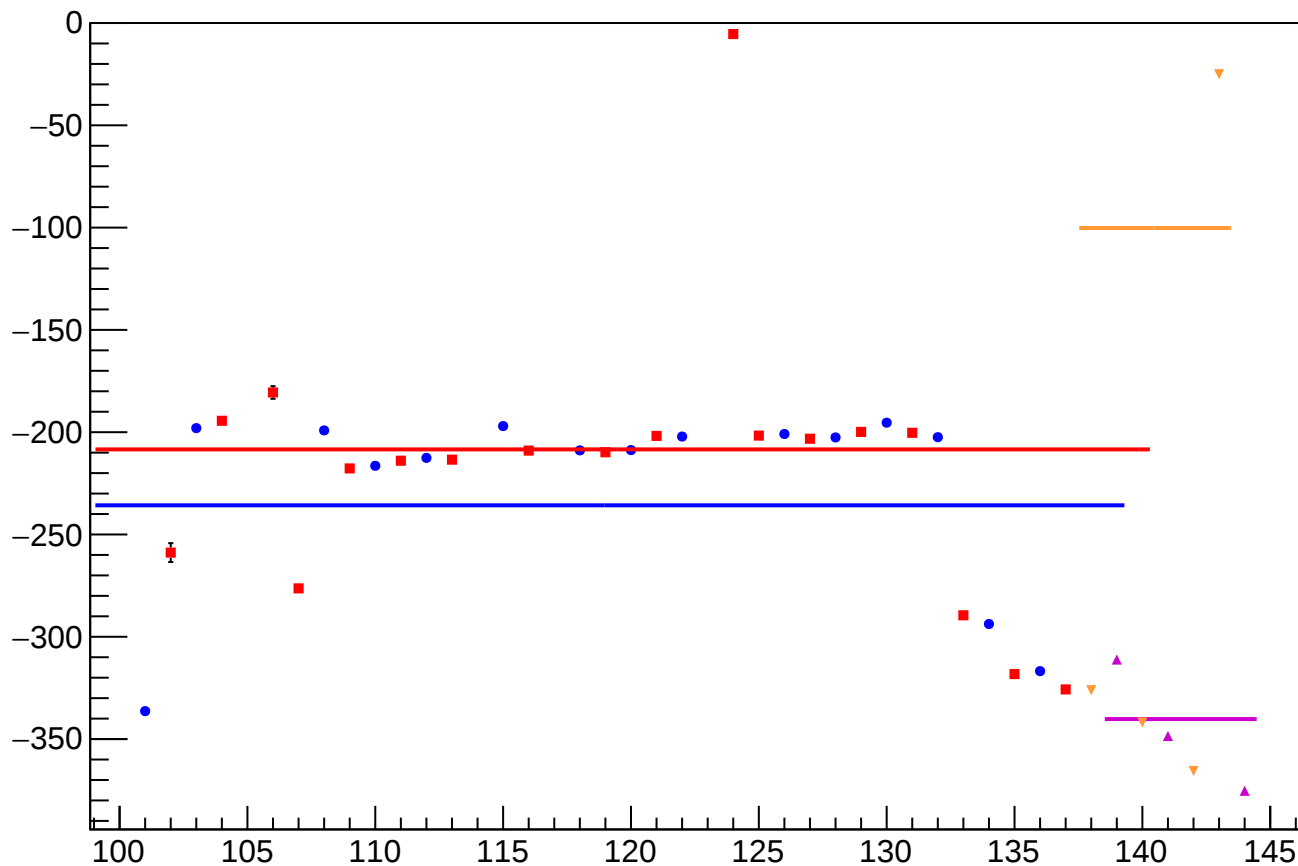
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 565.216 $\pm$ 0.209 χ^2 /NDF:1030480.8/17

Out: 558.874 $\pm$ 0.207 χ^2 /NDF:900781.6/21

All: 562.020 $\pm$ 0.147 χ^2 /NDF: 1931728.2/39

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -100.186+/-0.091 χ^2/NDF : 2220045.4/3

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -340.218+/-0.105 χ^2/NDF : 34769.6/2

Left: -202.908+/-0.069 χ^2/NDF : 5241657.1/6

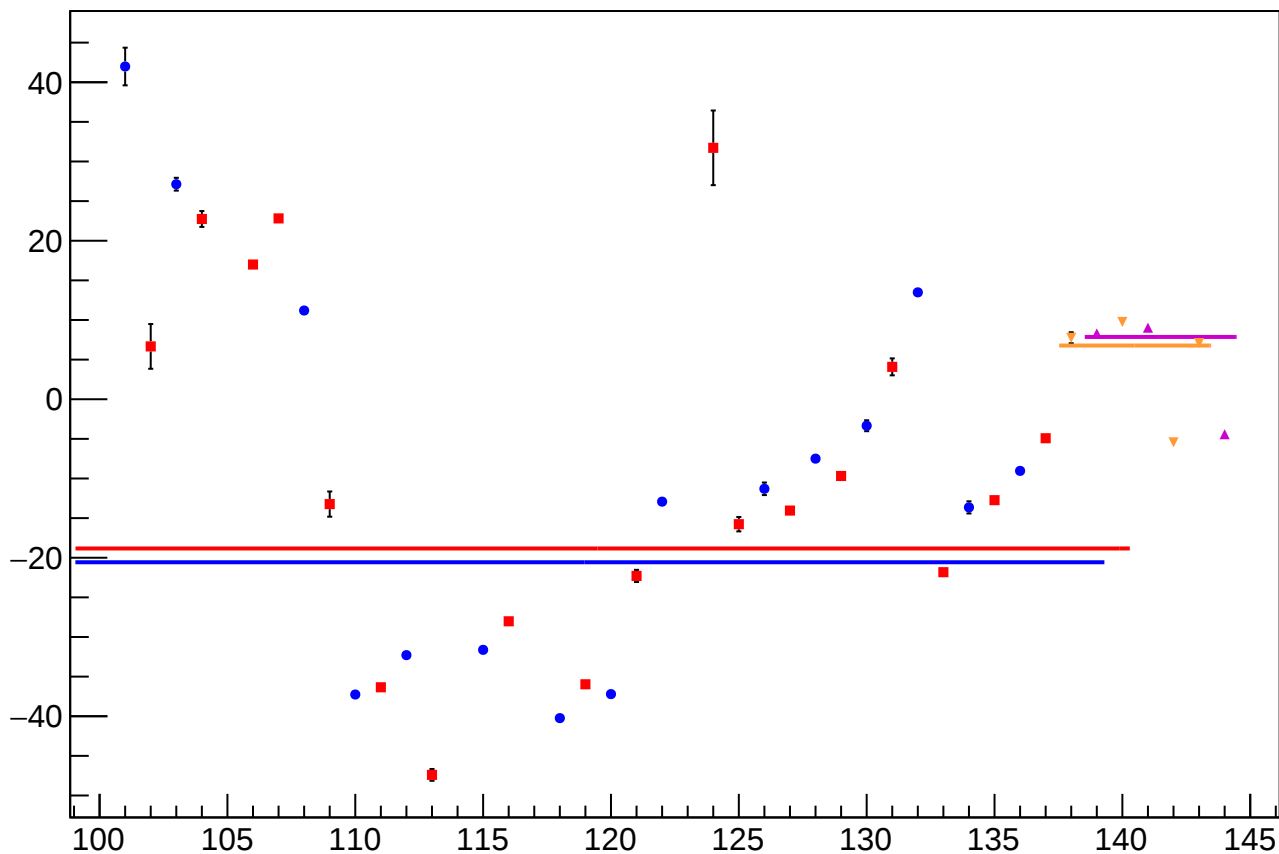
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -258.369+/-0.049 χ^2/NDF : 1685886.3/17

Out: -185.761+/-0.042 χ^2/NDF : 3716969.0/21

All: -216.232+/-0.032 χ^2/NDF : 6683360.5/39

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: 7.861 ± 0.091 $\chi^2/\text{NDF}: 1521.0/2$

Left: 7.405 ± 0.069 $\chi^2/\text{NDF}: 3223.9/6$

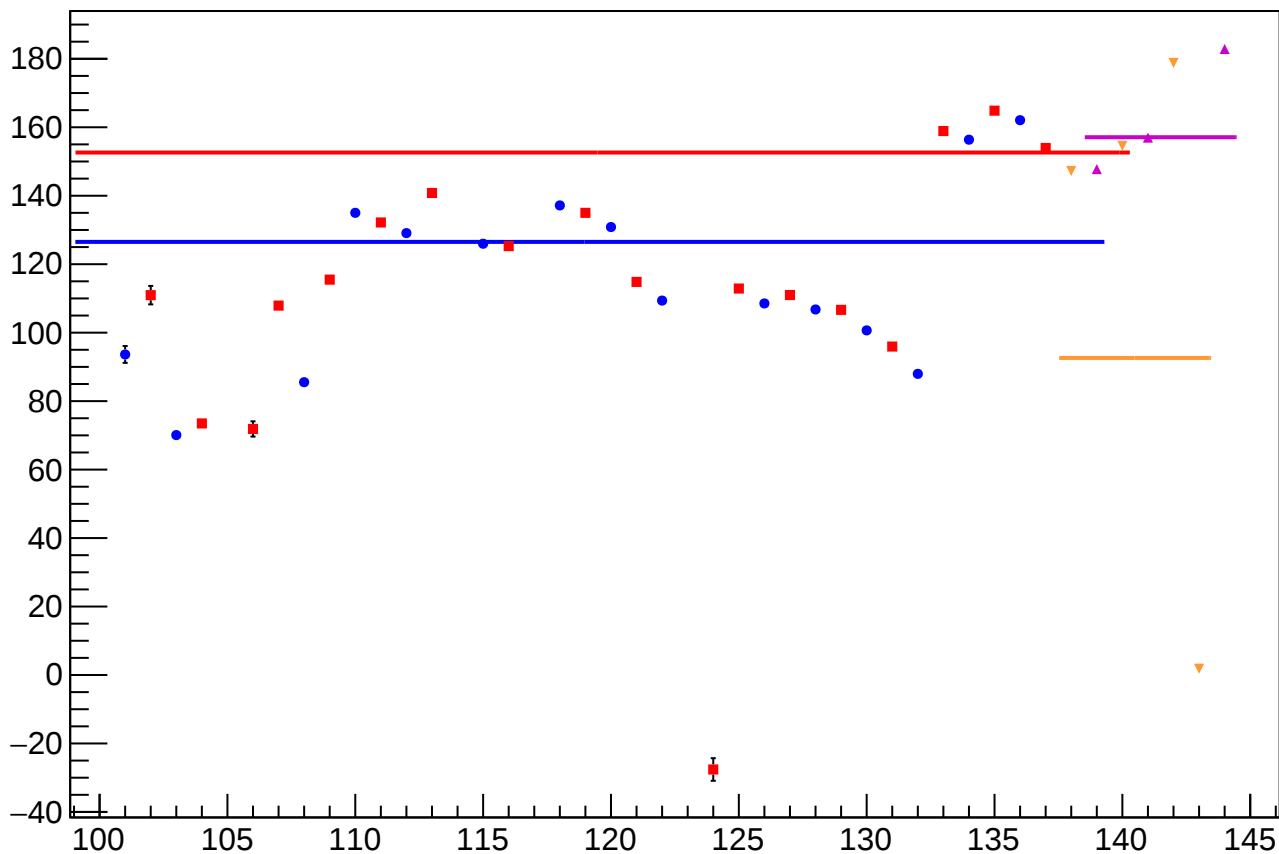
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: -9.741 ± 0.056 $\chi^2/\text{NDF}: 125419.3/17$

Out: -5.874 ± 0.076 $\chi^2/\text{NDF}: 50939.2/21$

All: -8.374 ± 0.045 $\chi^2/\text{NDF}: 178035.3/39$

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: 157.092 $\pm$ 0.118 χ^2/NDF :6069.8/2

Left: 132.169 $\pm$ 0.092 χ^2/NDF : 397723.1/6

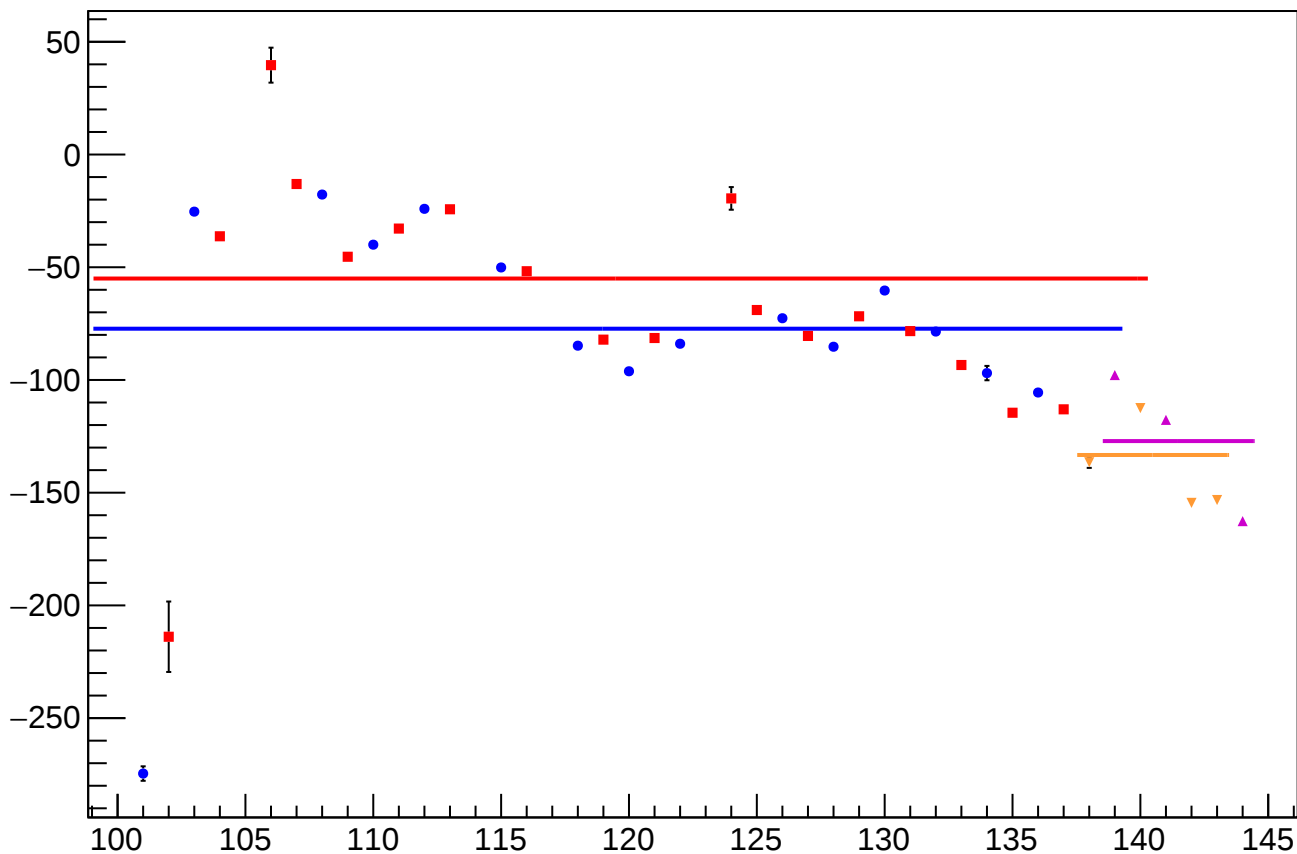
Right: 149.605 $\pm$ 0.029 χ^2/NDF : 274404.9/32

In: 136.818 $\pm$ 0.068 χ^2/NDF :165673.8/17

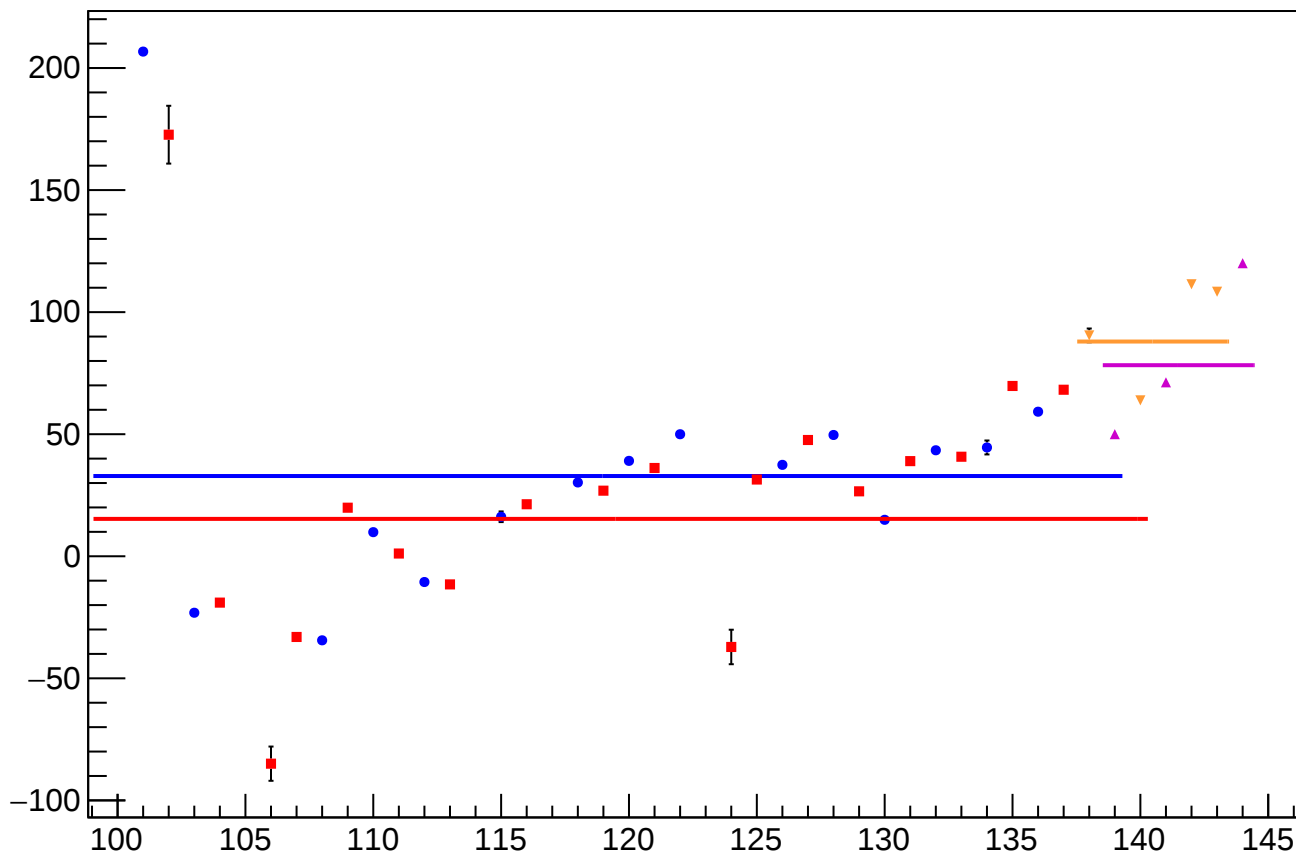
Out: 150.212 $\pm$ 0.030 χ^2/NDF :506771.9/21

All: 148.083 $\pm$ 0.027 χ^2/NDF : 704697.9/39

dit_atr1_4aX_slope vs Slug, Sign Corrected



dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF : 31393.7/14

Left Out: 87.959+/-0.279 χ^2/NDF : 6562.5/3

Right Out: 15.309+/-0.210 χ^2/NDF : 16746.0/17

Left In: 78.268+/-0.241 χ^2/NDF : 8309.9/2

Left: 82.419+/-0.182 χ^2/NDF : 15563.3/6

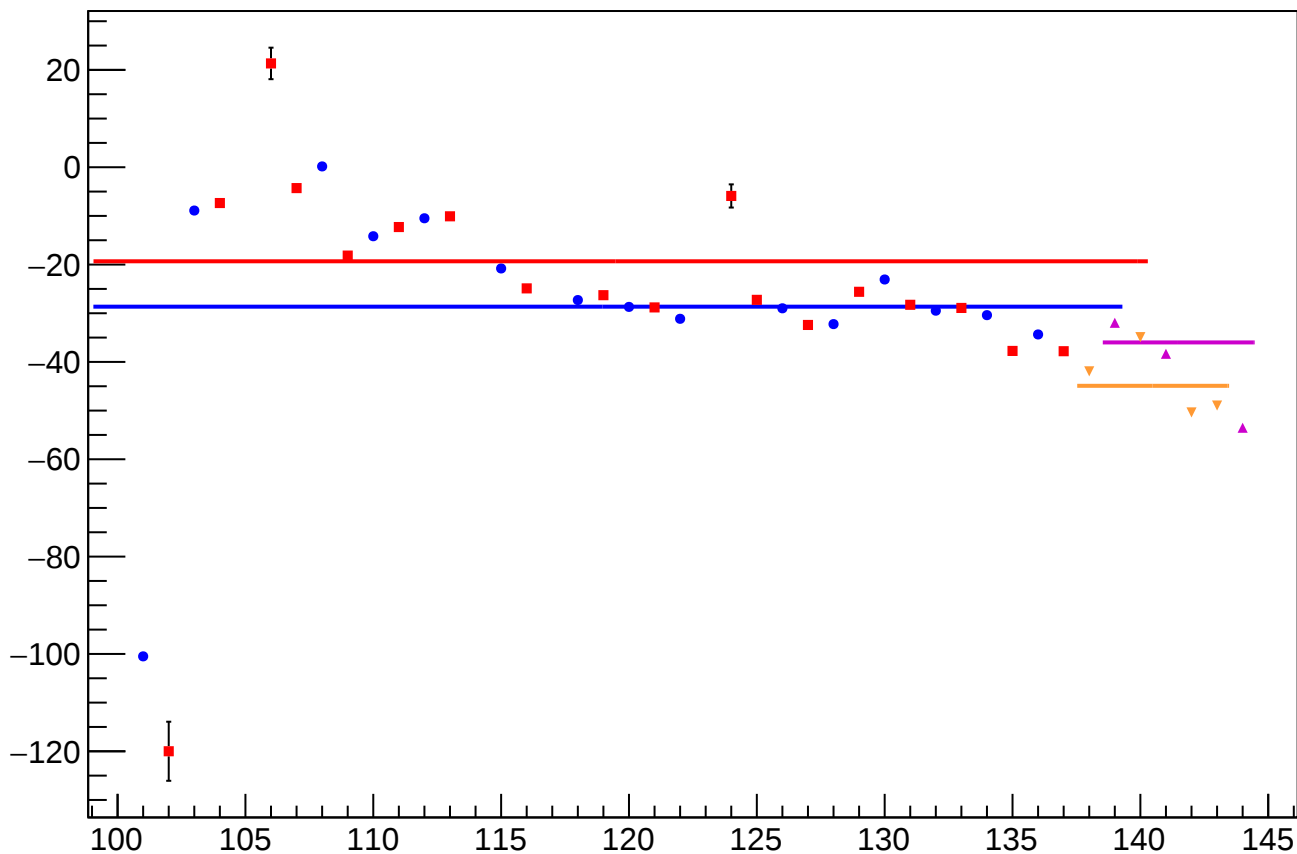
Right: 27.134+/-0.120 χ^2/NDF : 52862.9/32

In: 45.038+/-0.125 χ^2/NDF : 65618.5/17

Out: 41.559+/-0.168 χ^2/NDF : 66689.8/21

All: 43.795+/-0.100 χ^2/NDF : 132585.4/39

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -44.909 ± 0.062 $\chi^2/\text{NDF}: 11036.4/3$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -35.995 ± 0.044 $\chi^2/\text{NDF}: 16992.9/2$

Left: -38.956 ± 0.036 $\chi^2/\text{NDF}: 41873.7/6$

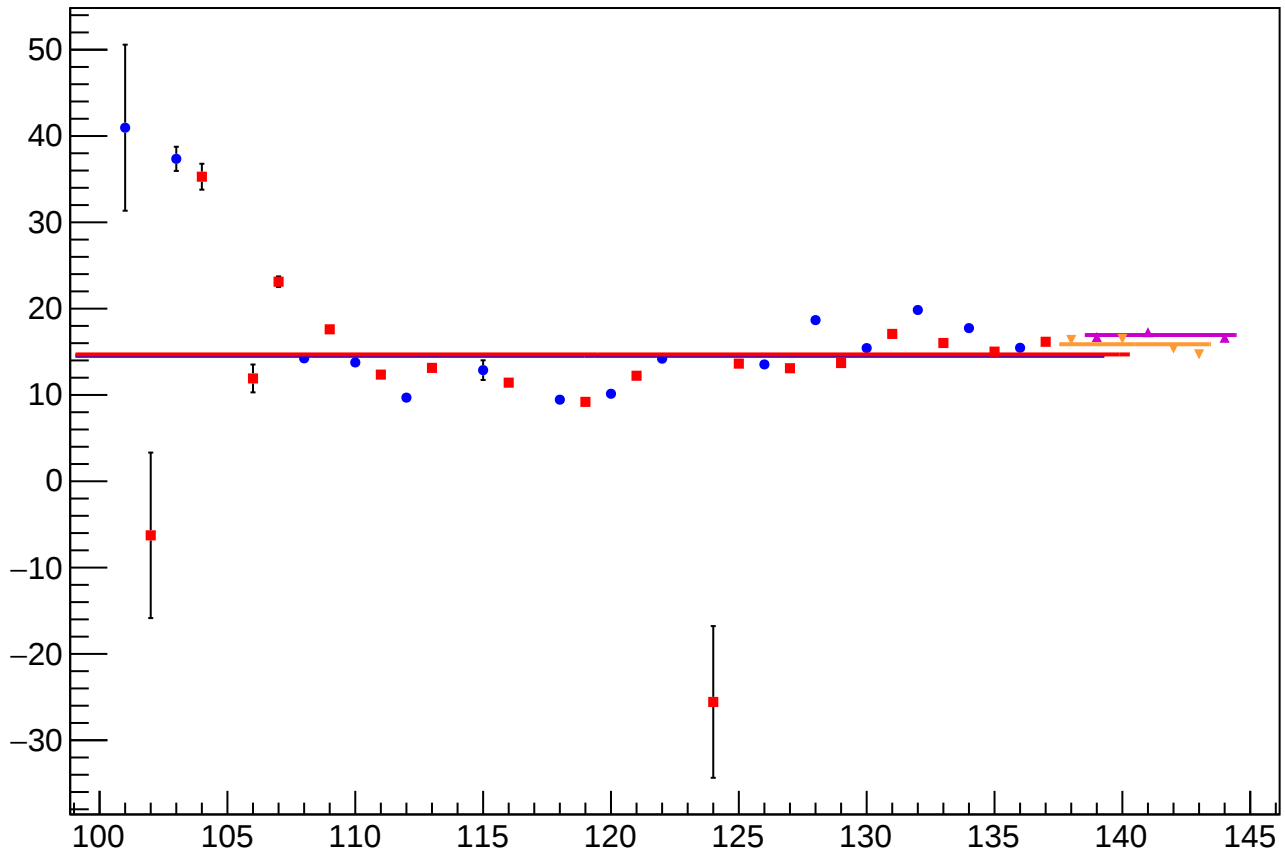
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -31.449 ± 0.027 $\chi^2/\text{NDF}: 147958.0/17$

Out: -26.687 ± 0.033 $\chi^2/\text{NDF}: 189245.0/21$

All: -29.558 ± 0.021 $\chi^2/\text{NDF}: 349592.1/39$

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: 16.944+/-0.041 χ^2/NDF : 54.3/2

Left: 16.359+/-0.028 χ^2/NDF : 858.8/6

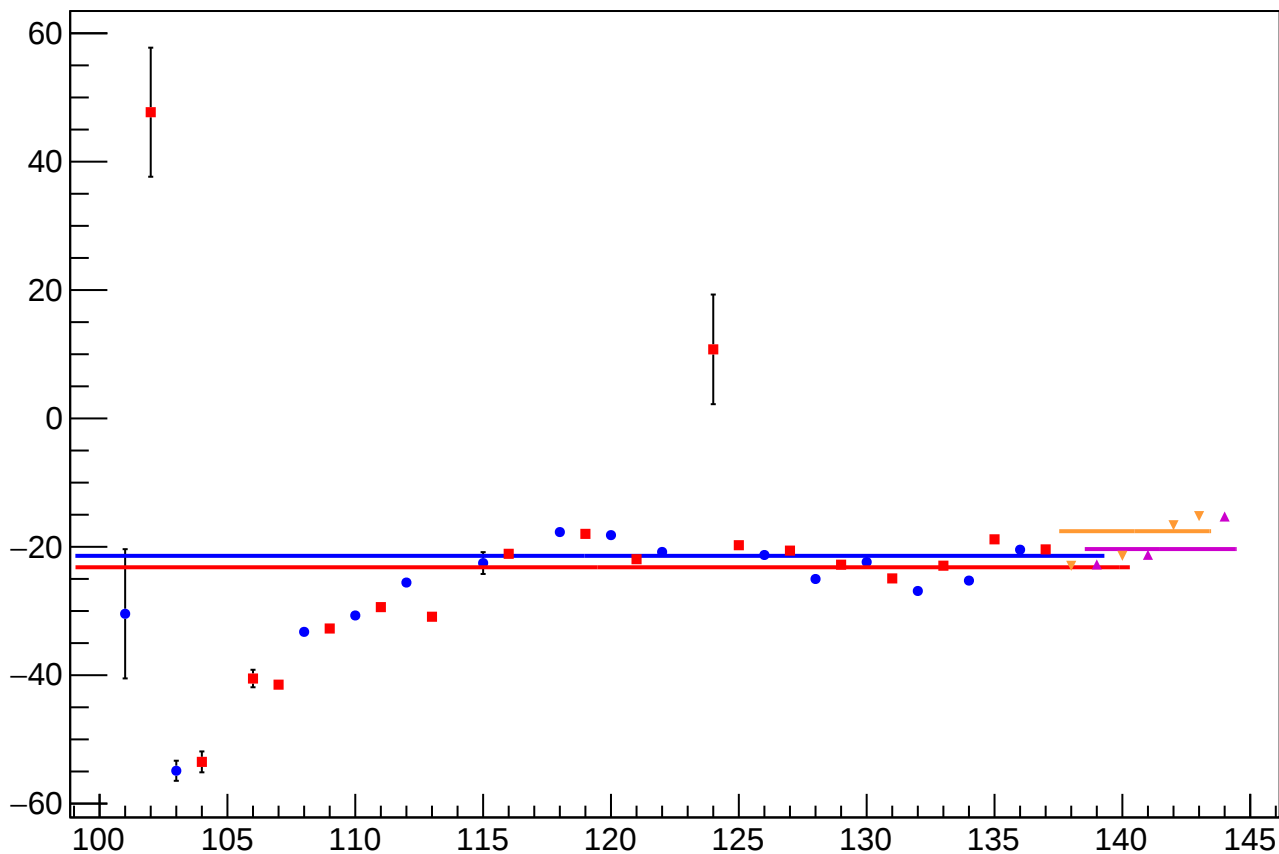
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.361+/-0.024 χ^2/NDF : 14352.2/17

Out: 15.372+/-0.028 χ^2/NDF : 2494.2/21

All: 15.366+/-0.018 χ^2/NDF : 16846.5/39

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 $\pm$ 0.036 χ^2/NDF : 9686.6/14

Left Out: -17.566 $\pm$ 0.043 χ^2/NDF : 4842.8/3

Right Out: -23.186 $\pm$ 0.051 χ^2/NDF : 9126.8/17

Left In: -20.350 $\pm$ 0.065 χ^2/NDF : 2247.3/2

Left: -18.411 $\pm$ 0.036 χ^2/NDF : 8361.2/6

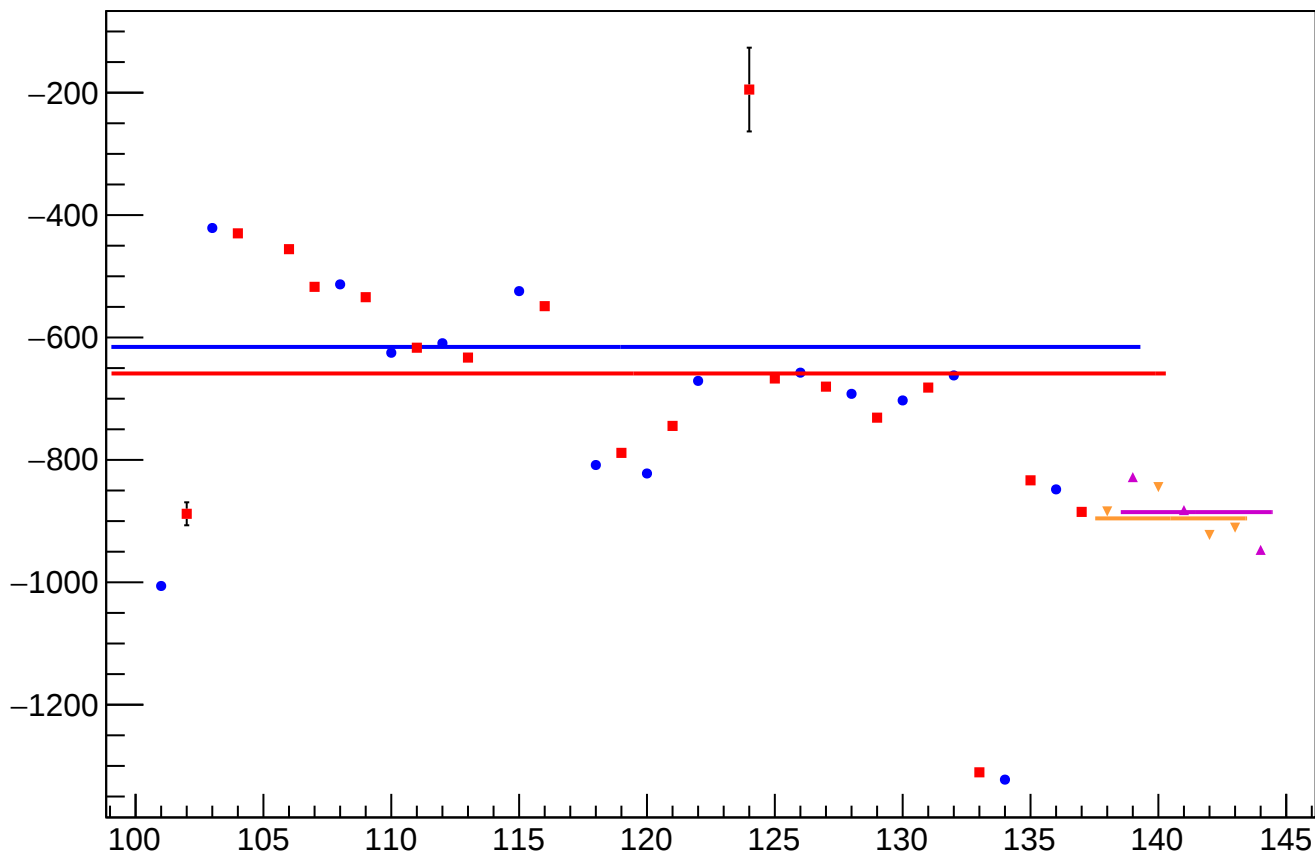
Right: -21.987 $\pm$ 0.029 χ^2/NDF : 19630.5/32

In: -21.164 $\pm$ 0.031 χ^2/NDF : 12136.5/17

Out: -19.896 $\pm$ 0.033 χ^2/NDF : 21048.3/21

All: -20.563 $\pm$ 0.023 χ^2/NDF : 33965.7/39

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: -885.303+/-0.525 χ^2/NDF : 7876.1/2

Left: -889.801+/-0.394 χ^2/NDF : 10862.2/6

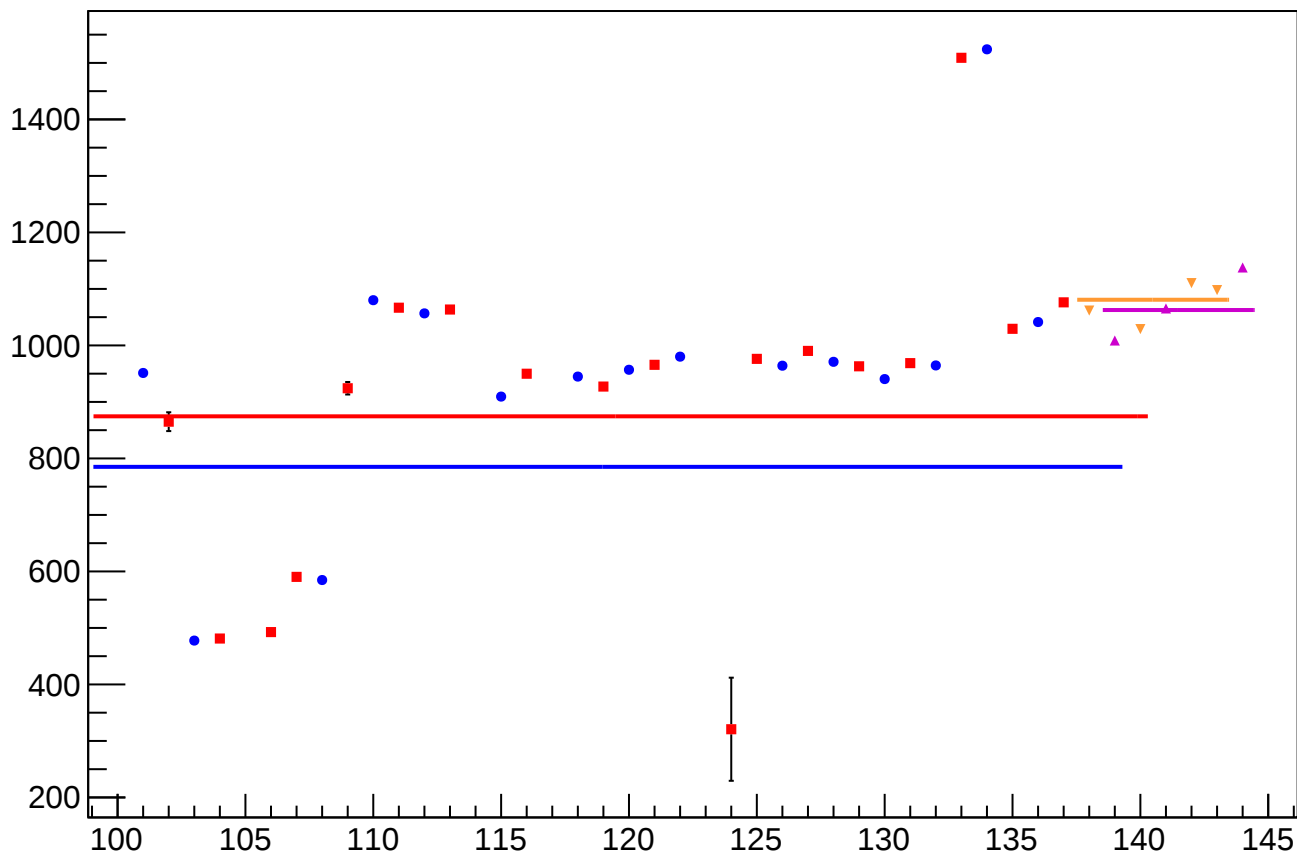
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -661.237+/-0.216 χ^2/NDF : 609732.1/17

Out: -695.846+/-0.235 χ^2/NDF : 521664.7/21

All: -677.097+/-0.159 χ^2/NDF : 1143107.3/39

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 1080.842 $\pm$ 0.593 χ^2/NDF : 3214.2/3

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 1062.654 $\pm$ 0.503 χ^2/NDF : 9847.7/2

Left: 1070.262 $\pm$ 0.384 χ^2/NDF : 13608.8/6

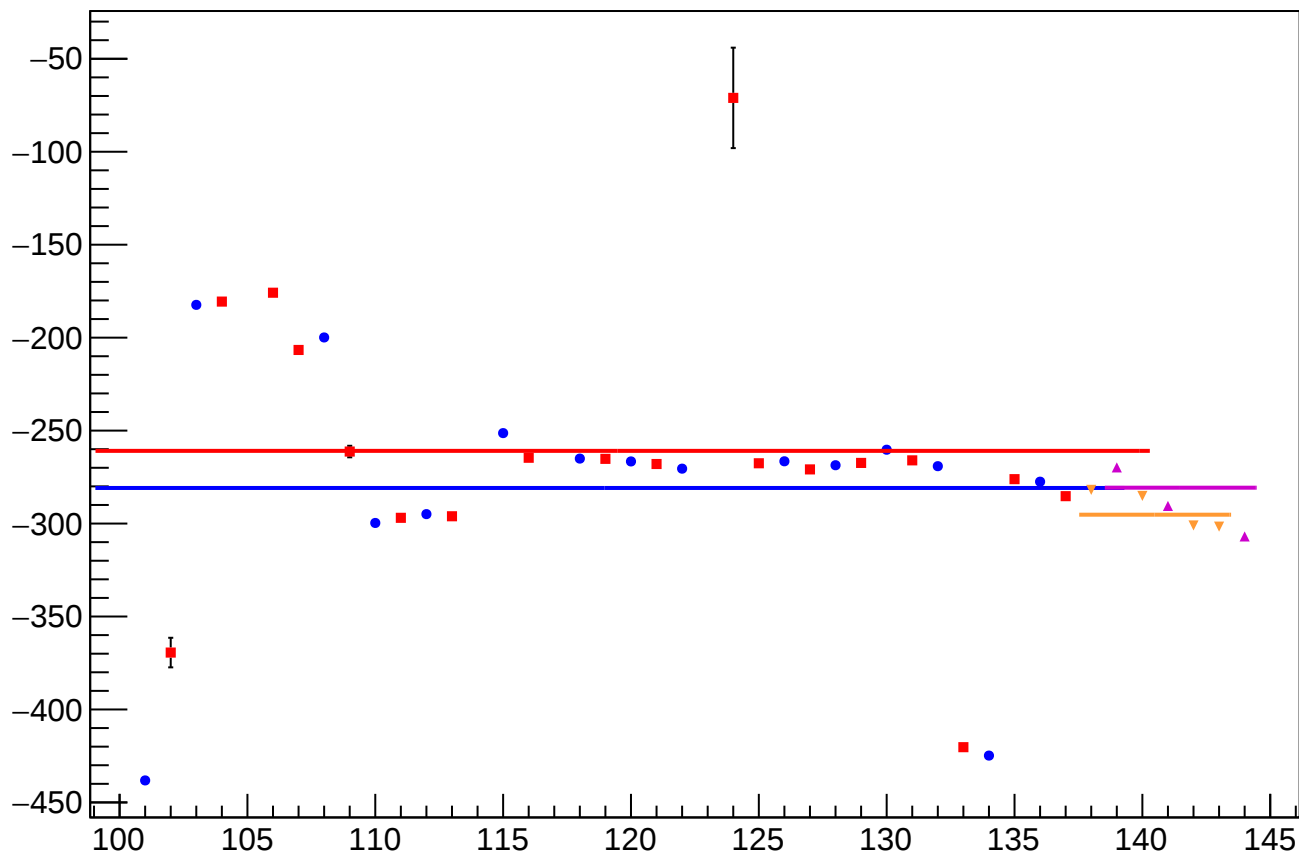
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 832.415 $\pm$ 0.208 χ^2/NDF : 1148562.8/17

Out: 908.039 $\pm$ 0.239 χ^2/NDF : 947113.6/21

All: 864.938 $\pm$ 0.157 χ^2/NDF : 2152694.2/39

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -295.233 ± 0.108 $\chi^2/\text{NDF}: 5598.7/3$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -280.708 ± 0.065 $\chi^2/\text{NDF}: 38165.7/2$

Left: -284.567 ± 0.055 $\chi^2/\text{NDF}: 57146.2/6$

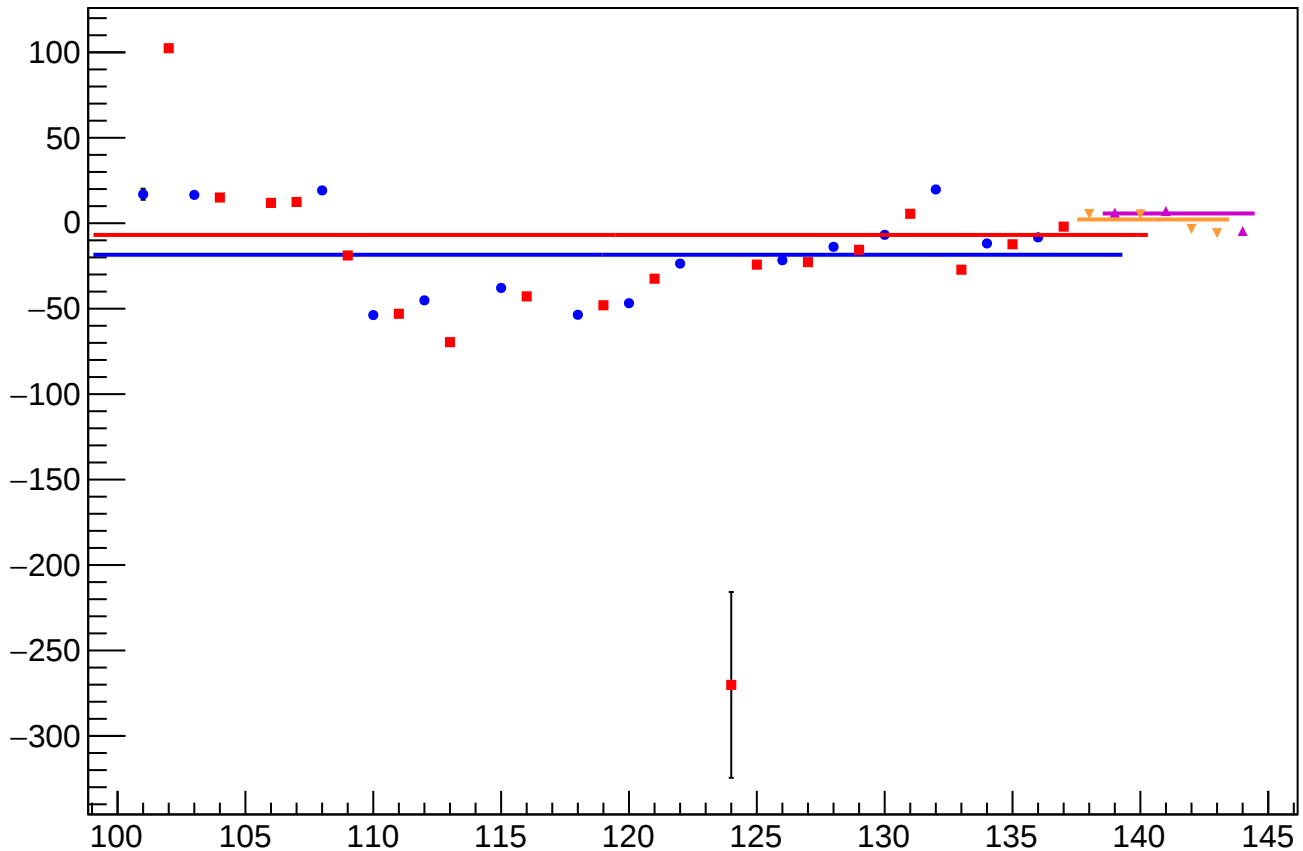
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -280.789 ± 0.043 $\chi^2/\text{NDF}: 911779.7/17$

Out: -270.605 ± 0.057 $\chi^2/\text{NDF}: 426356.4/21$

All: -277.069 ± 0.035 $\chi^2/\text{NDF}: 1358243.1/39$

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: 5.713 ± 0.088 $\chi^2/\text{NDF}: 1602.9/2$

Left: 4.190 ± 0.066 $\chi^2/\text{NDF}: 4365.5/6$

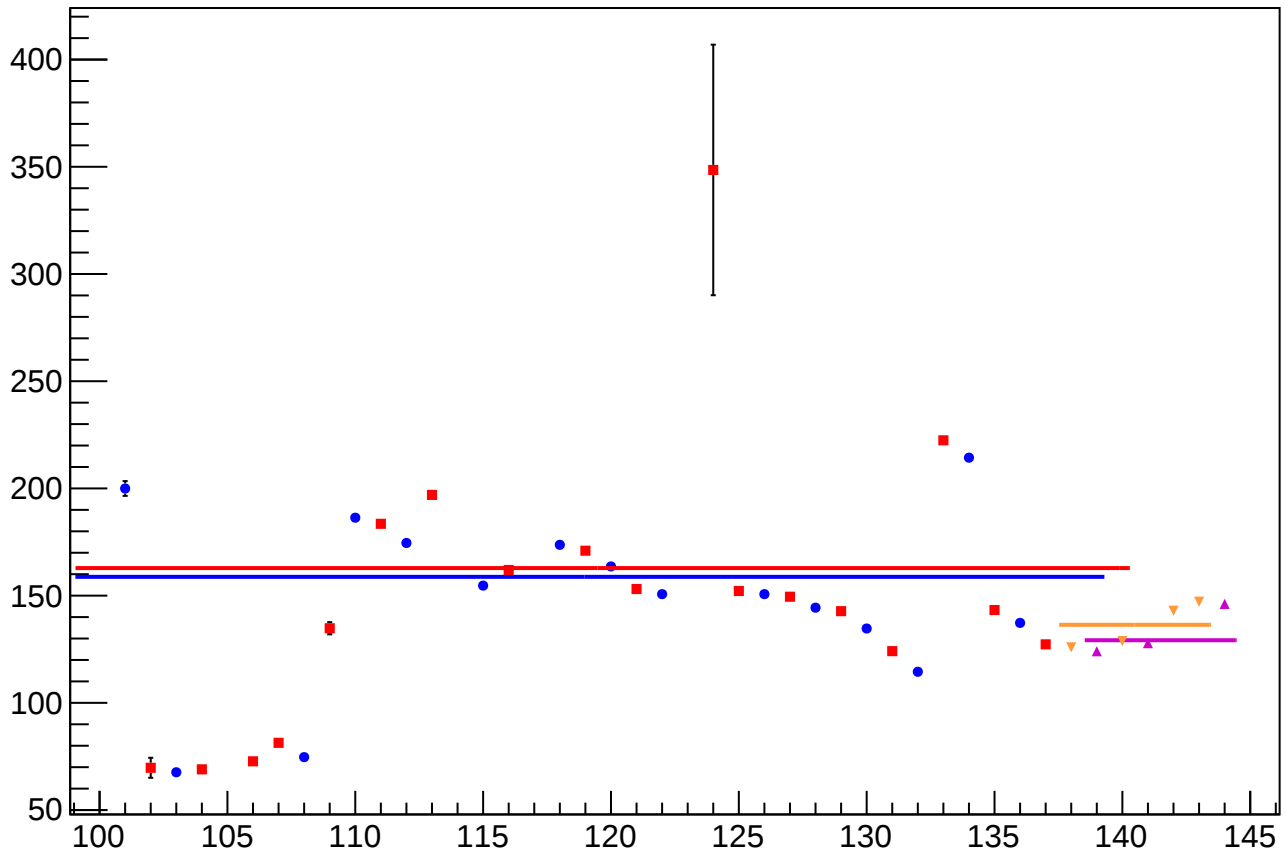
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: -5.877 ± 0.063 $\chi^2/\text{NDF}: 84653.3/17$

Out: -4.188 ± 0.054 $\chi^2/\text{NDF}: 57848.7/21$

All: -4.905 ± 0.041 $\chi^2/\text{NDF}: 142913.2/39$

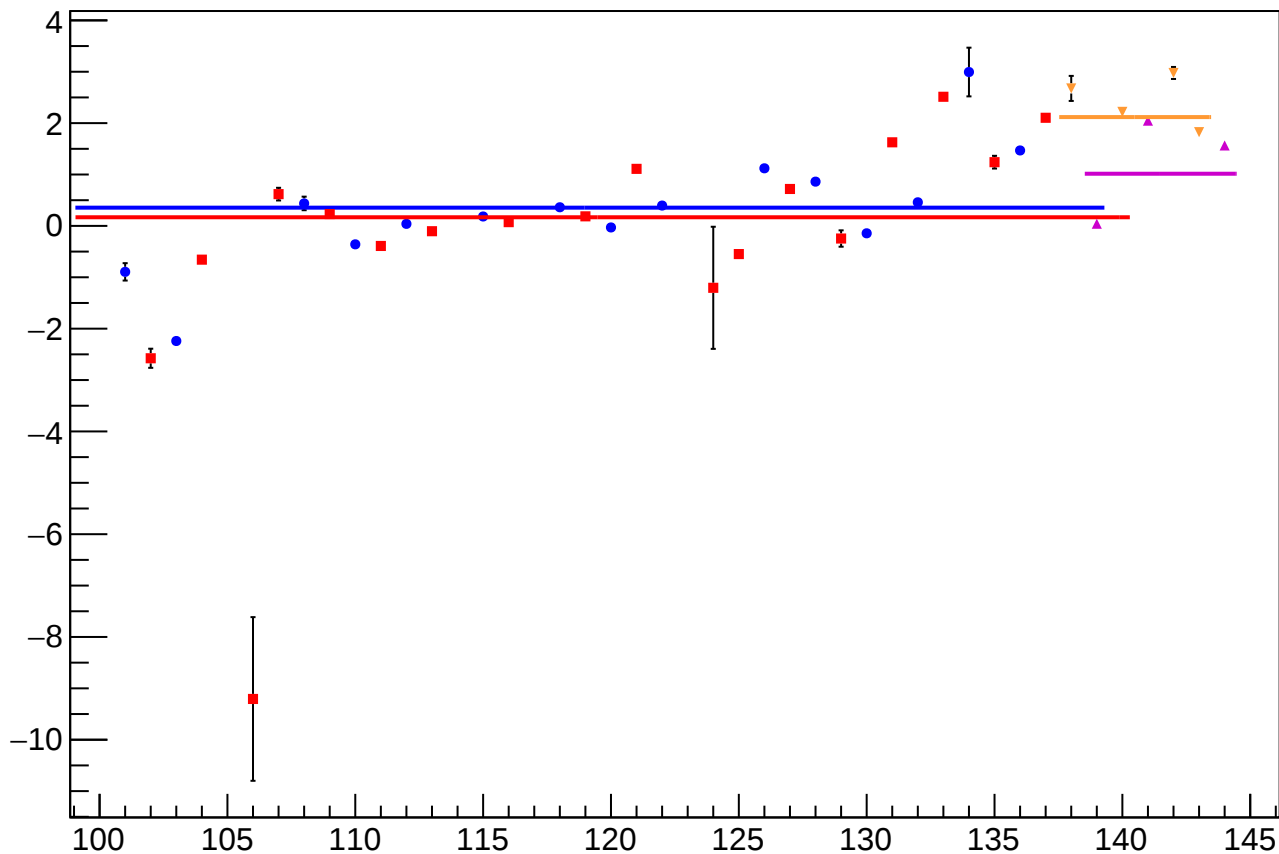
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14
 Left Out: 136.398 ± 0.121 χ^2/NDF : 4968.3/3
 Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17
 Left In: 129.202 ± 0.100 χ^2/NDF : 4288.4/2

Left: 132.108 ± 0.077 χ^2/NDF : 11367.9/6
 Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32
 In: 145.747 ± 0.066 χ^2/NDF : 212693.9/17
 Out: 152.989 ± 0.074 χ^2/NDF : 191155.1/21
 All: 148.965 ± 0.049 χ^2/NDF : 409191.7/39

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: 1.015 ± 0.019 χ^2/NDF : 2016.1/2

Left: 1.311 ± 0.017 χ^2/NDF : 2981.5/6

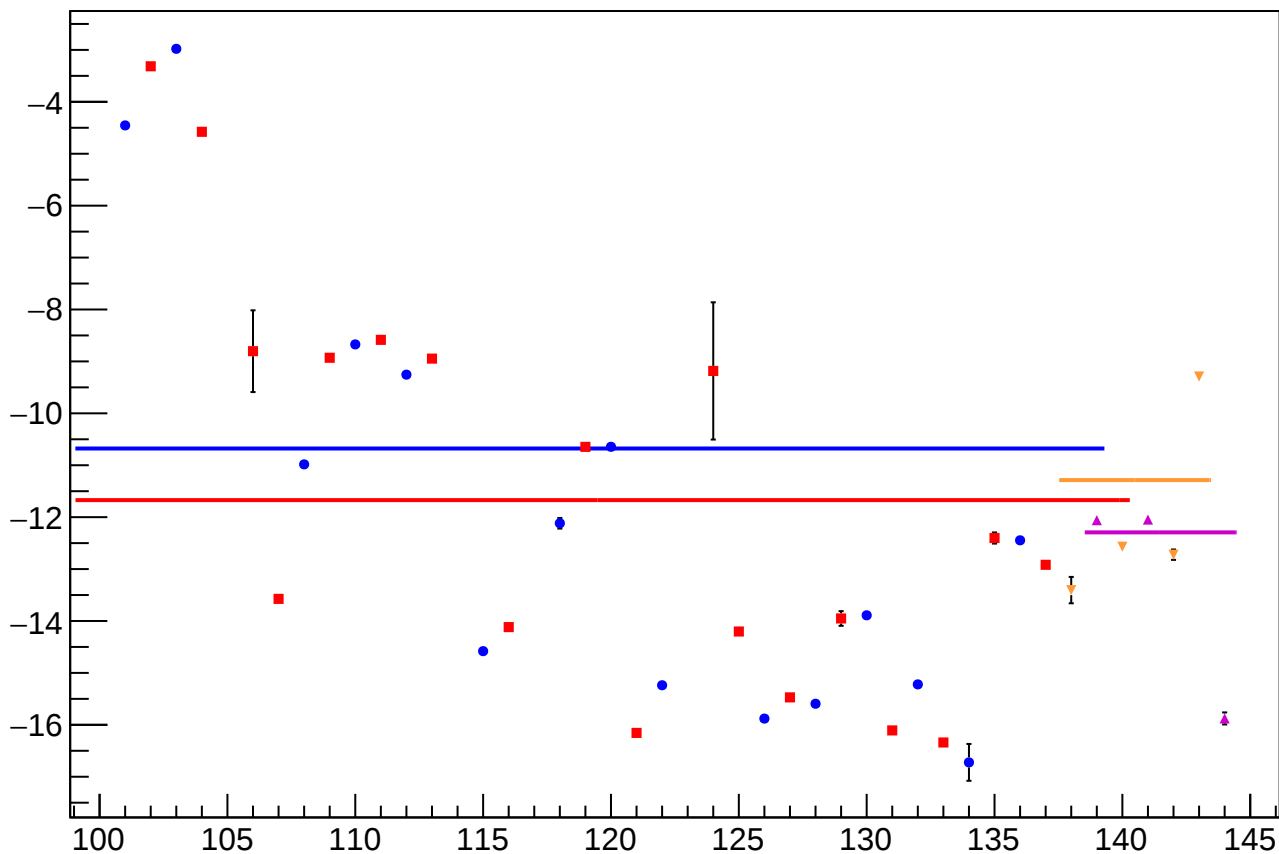
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.532 ± 0.010 χ^2/NDF : 6874.9/17

Out: 0.273 ± 0.007 χ^2/NDF : 8188.9/21

All: 0.365 ± 0.006 χ^2/NDF : 15495.0/39

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2 /NDF: 226791.0/14

Left Out: -11.286 $\pm$ 0.027 χ^2 /NDF: 3720.8/3

Right Out: -11.672 $\pm$ 0.012 χ^2 /NDF: 107844.6/17

Left In: -12.293 $\pm$ 0.029 χ^2 /NDF: 1014.9/2

Left: -11.739 $\pm$ 0.020 χ^2 /NDF: 5380.3/6

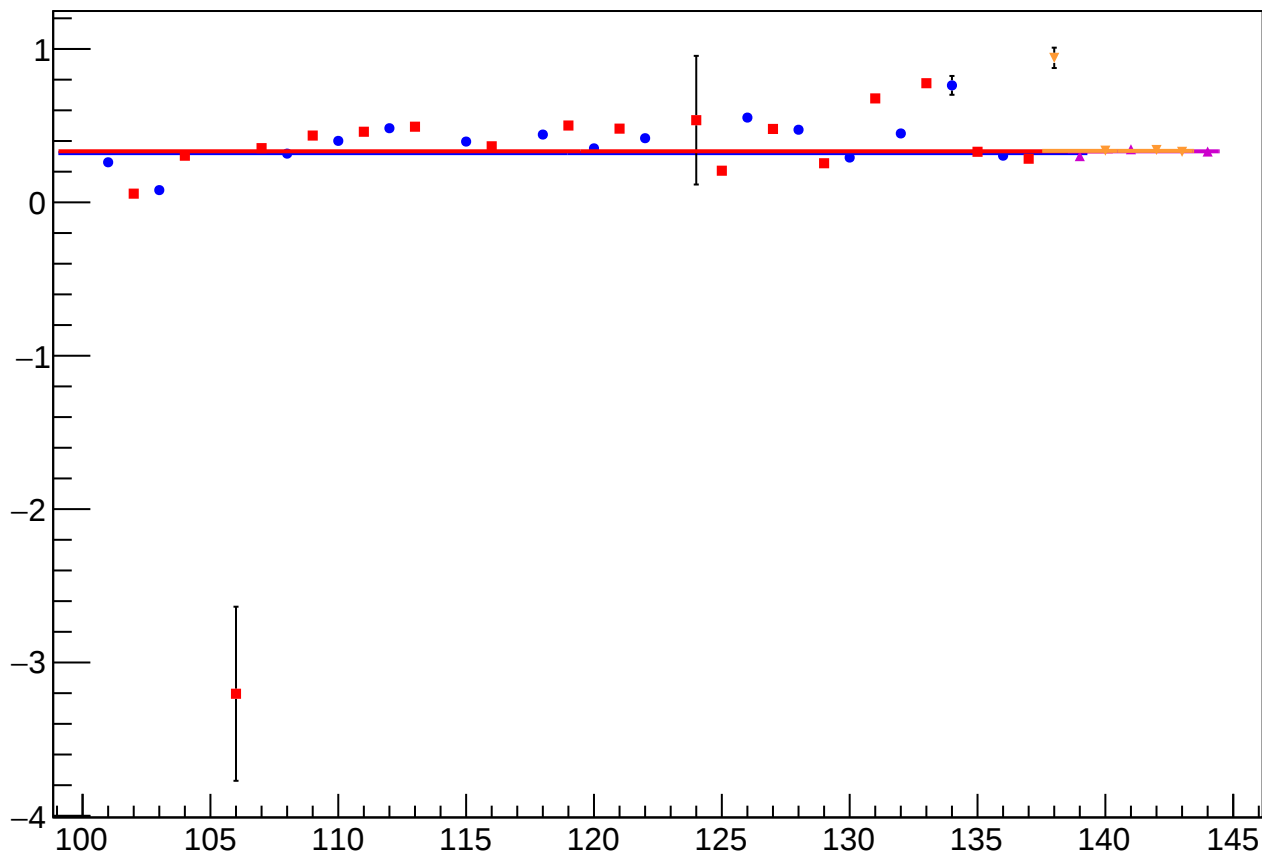
Right: -11.113 $\pm$ 0.008 χ^2 /NDF: 338735.1/32

In: -10.853 $\pm$ 0.010 χ^2 /NDF: 230493.4/17

Out: -11.610 $\pm$ 0.011 χ^2 /NDF: 111742.0/21

All: -11.196 $\pm$ 0.007 χ^2 /NDF: 344988.5/39

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: 0.333+/-0.001 χ^2/NDF :261.8/2

Left: 0.334+/-0.001 χ^2/NDF : 406.2/6

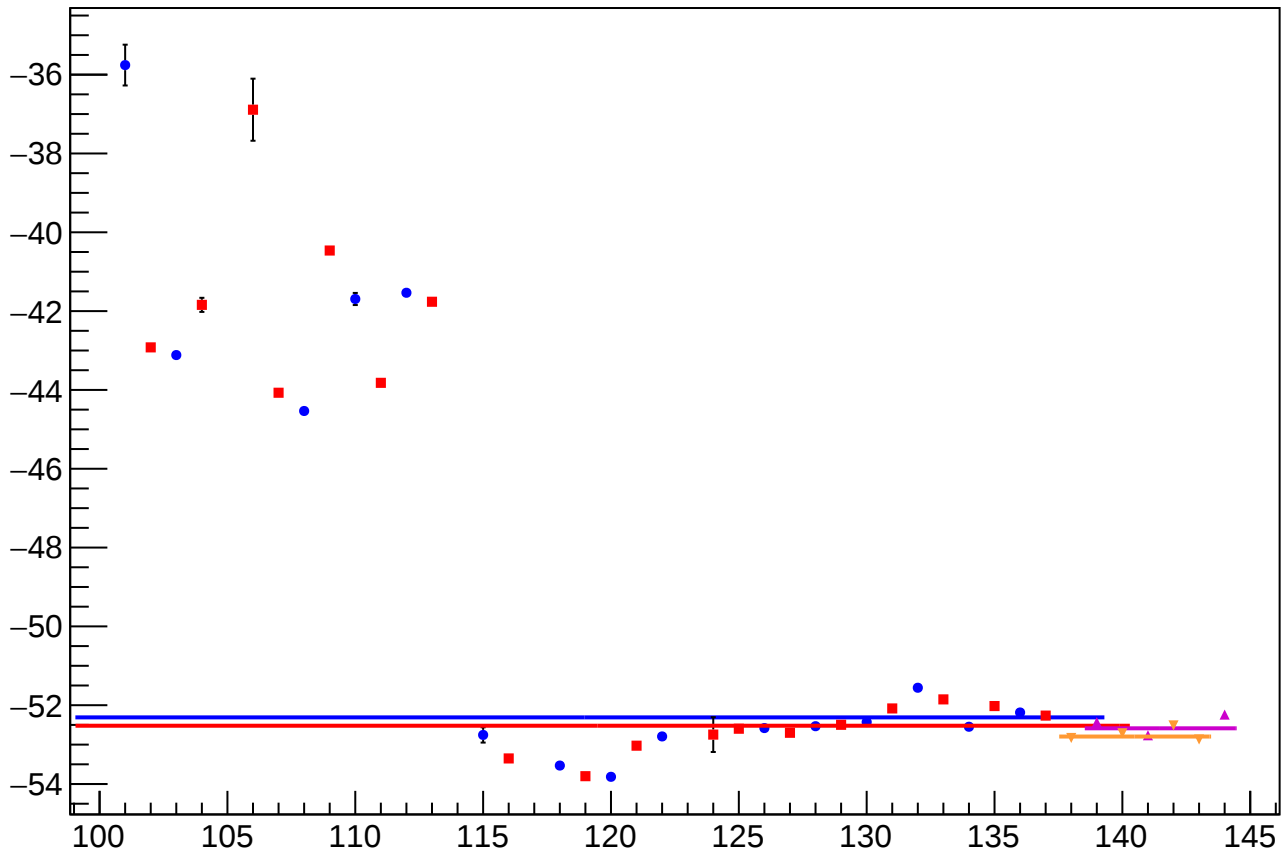
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.328+/-0.001 χ^2/NDF :4375.2/17

Out: 0.335+/-0.001 χ^2/NDF :4309.7/21

All: 0.331+/-0.000 χ^2/NDF : 8752.3/39

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: -52.586 $\pm$ 0.006 χ^2 /NDF:1017.5/2

Left: -52.704 $\pm$ 0.004 χ^2 /NDF: 2114.6/6

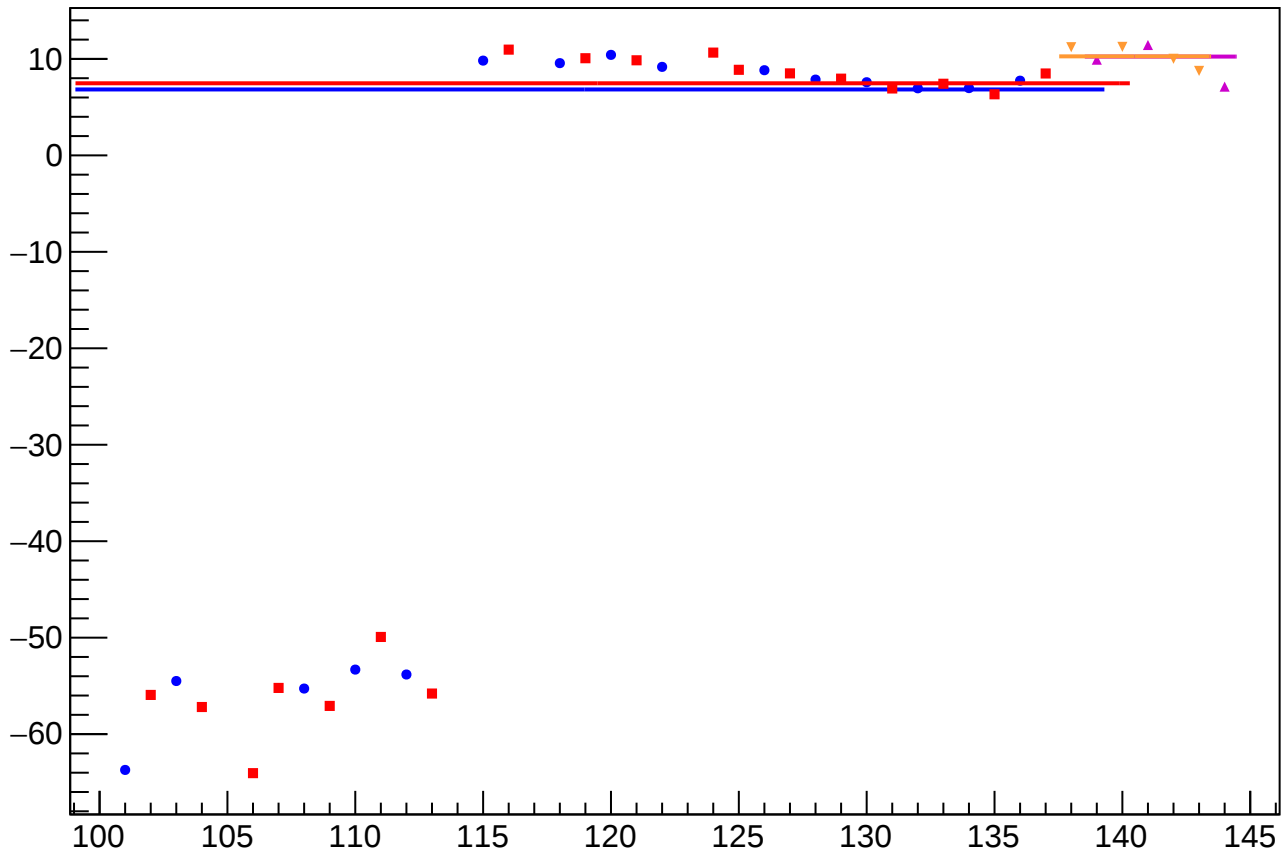
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -52.399 $\pm$ 0.004 χ^2 /NDF:55755.3/17

Out: -52.632 $\pm$ 0.004 χ^2 /NDF:78542.3/21

All: -52.518 $\pm$ 0.003 χ^2 /NDF: 136401.9/39

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2/NDF : 990576.4/14

Left Out: 10.266 $\pm$ 0.013 χ^2/NDF : 6382.5/3

Right Out: 7.474 $\pm$ 0.009 χ^2/NDF : 1195498.7/17

Left In: 10.242 $\pm$ 0.018 χ^2/NDF : 2942.7/2

Left: 10.258 $\pm$ 0.011 χ^2/NDF : 9326.2/6

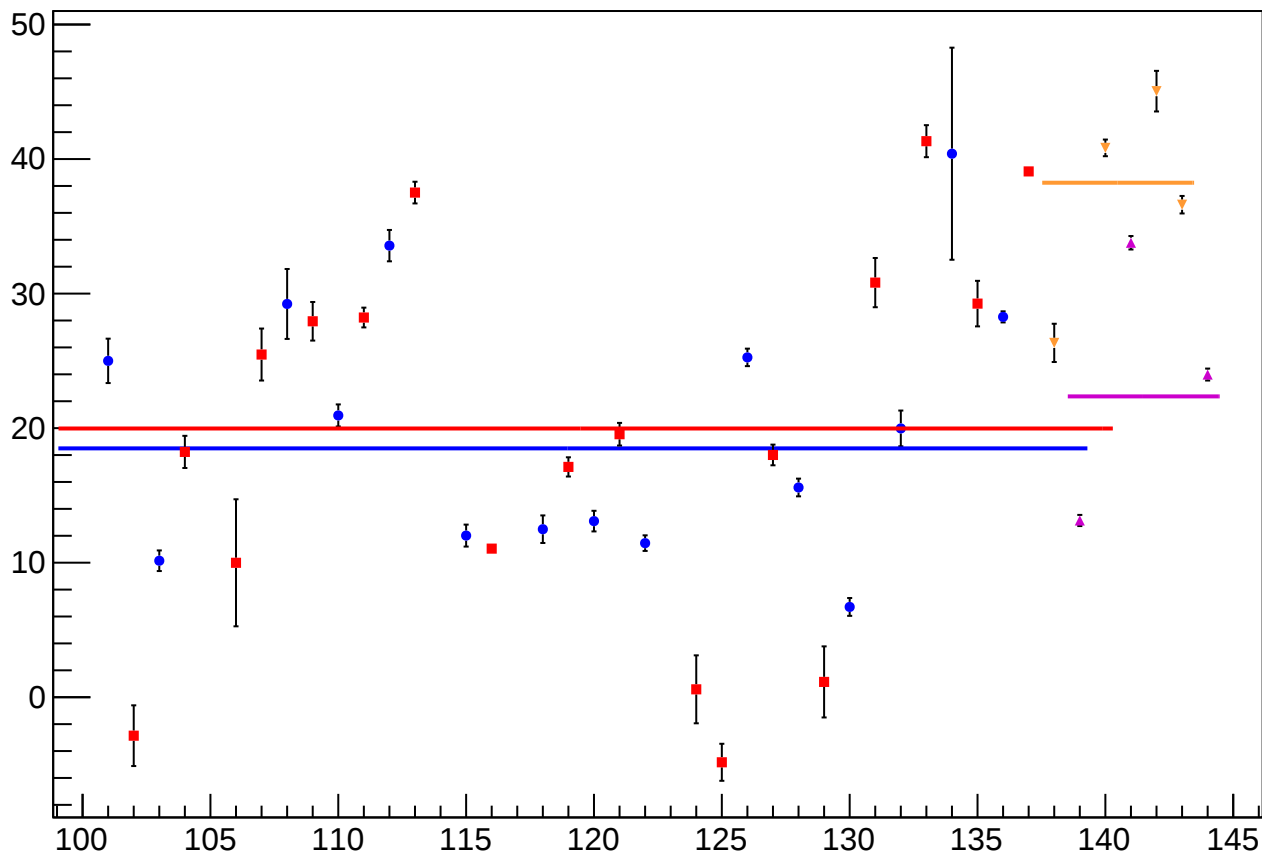
Right: 6.980 $\pm$ 0.004 χ^2/NDF : 2189734.1/32

In: 7.080 $\pm$ 0.005 χ^2/NDF : 1026314.1/17

Out: 8.393 $\pm$ 0.008 χ^2/NDF : 1231585.7/21

All: 7.462 $\pm$ 0.004 χ^2/NDF : 2278980.1/39

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 38.241 ± 0.412 $\chi^2/\text{NDF}: 114.2/3$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 22.359 ± 0.259 $\chi^2/\text{NDF}: 1028.8/2$

Left: 26.872 ± 0.219 $\chi^2/\text{NDF}: 2209.0/6$

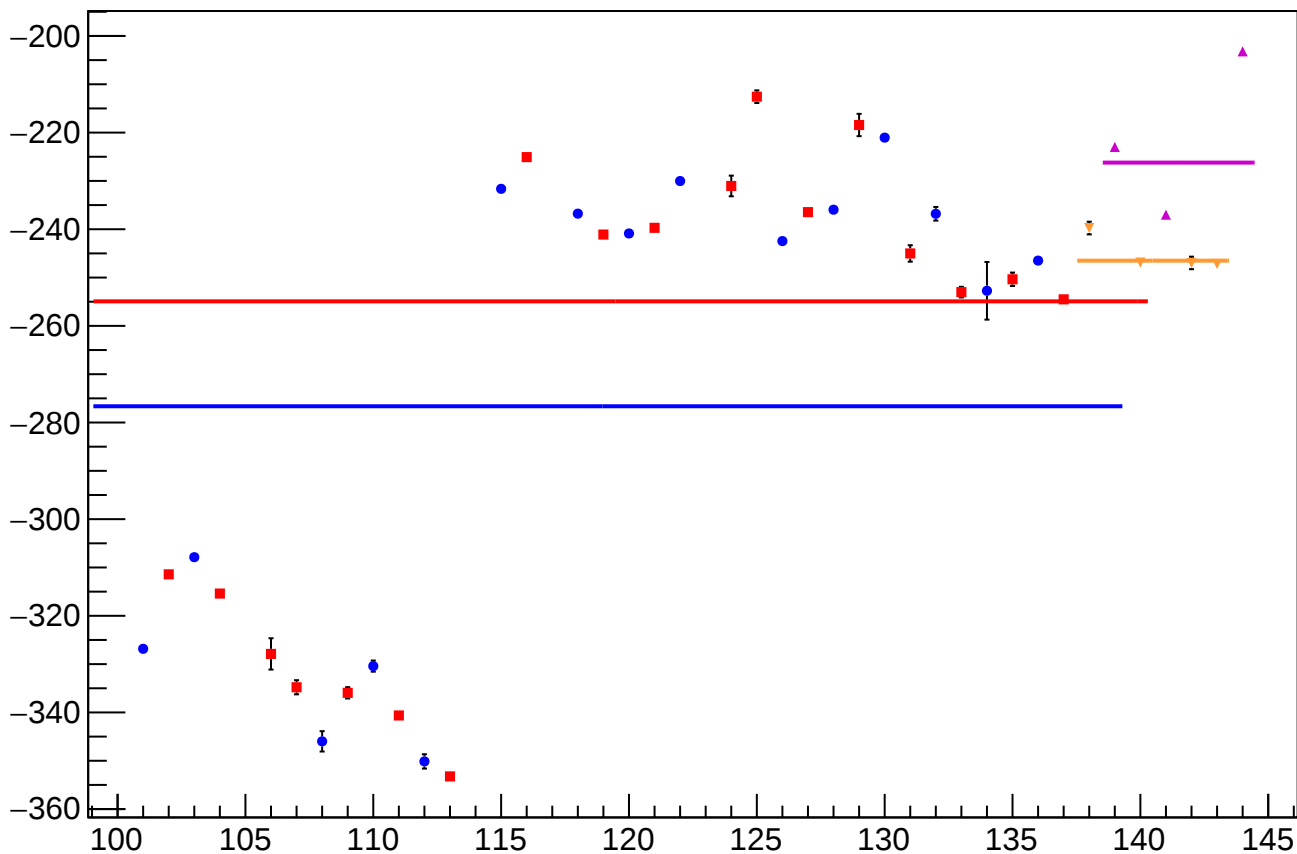
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 19.938 ± 0.158 $\chi^2/\text{NDF}: 2804.7/17$

Out: 21.635 ± 0.124 $\chi^2/\text{NDF}: 11106.5/21$

All: 20.989 ± 0.098 $\chi^2/\text{NDF}: 13982.3/39$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -246.503 $\pm$ 0.355 χ^2 /NDF:28.7/3

Right Out: -254.921 $\pm$ 0.071 χ^2 /NDF: 71945.8/17

Left In: -226.209 $\pm$ 0.256 χ^2 /NDF:1679.7/2

Left: -233.132 $\pm$ 0.208 χ^2 /NDF: 3857.5/6

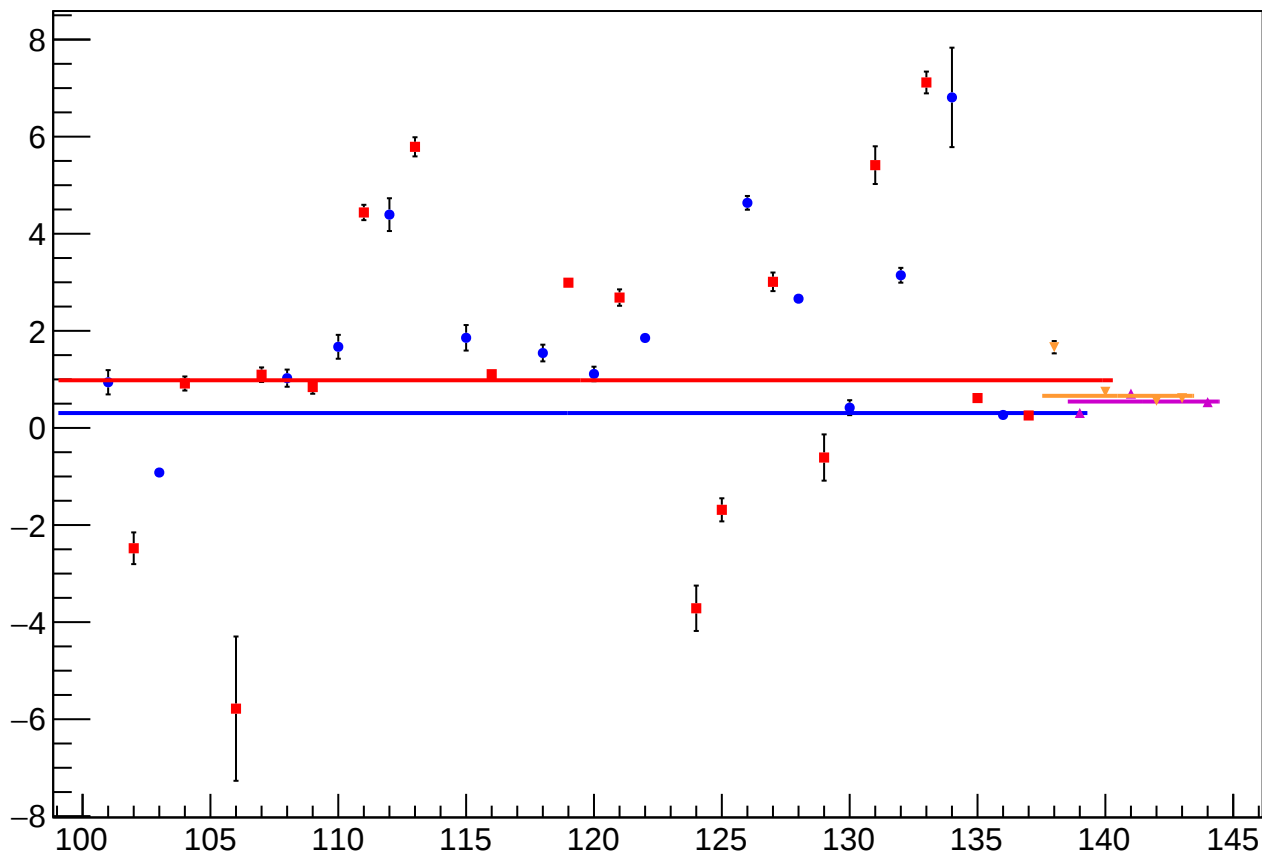
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -264.039 $\pm$ 0.128 χ^2 /NDF:107980.6/17

Out: -254.596 $\pm$ 0.070 χ^2 /NDF:72514.1/21

All: -256.767 $\pm$ 0.061 χ^2 /NDF: 184698.9/39

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307+/-0.007 χ^2/NDF : 2787.0/14

Left Out: 0.661+/-0.006 χ^2/NDF :223.1/3

Right Out: 0.982+/-0.015 χ^2/NDF : 3374.7/17

Left In: 0.544+/-0.004 χ^2/NDF :1589.4/2

Left: 0.586+/-0.003 χ^2/NDF : 2104.7/6

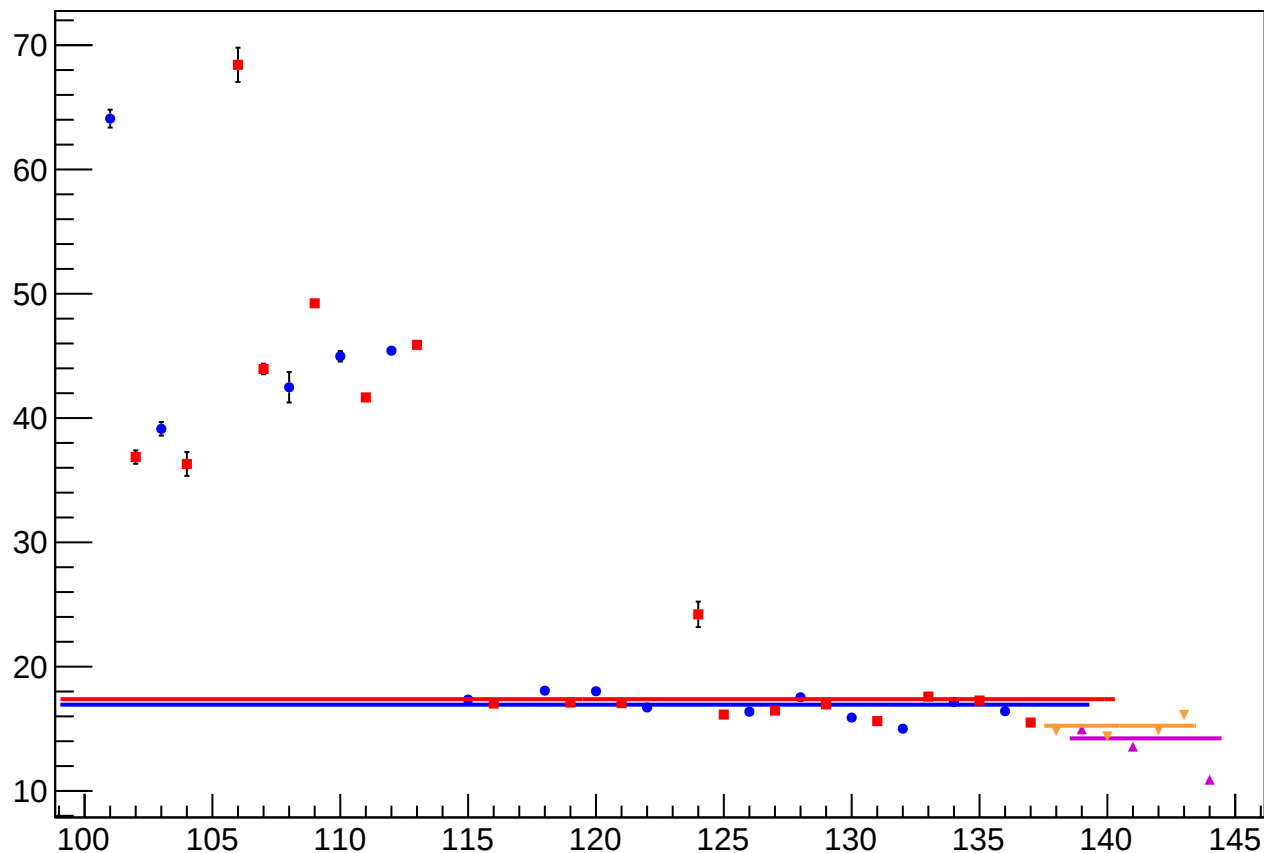
Right: 0.421+/-0.006 χ^2/NDF : 7919.2/32

In: 0.477+/-0.004 χ^2/NDF :5292.7/17

Out: 0.701+/-0.005 χ^2/NDF :4015.5/21

All: 0.548+/-0.003 χ^2/NDF : 10596.0/39

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: 14.231+/-0.025 χ^2/NDF : 2000.5/2

Left: 14.864+/-0.016 χ^2/NDF : 4521.8/6

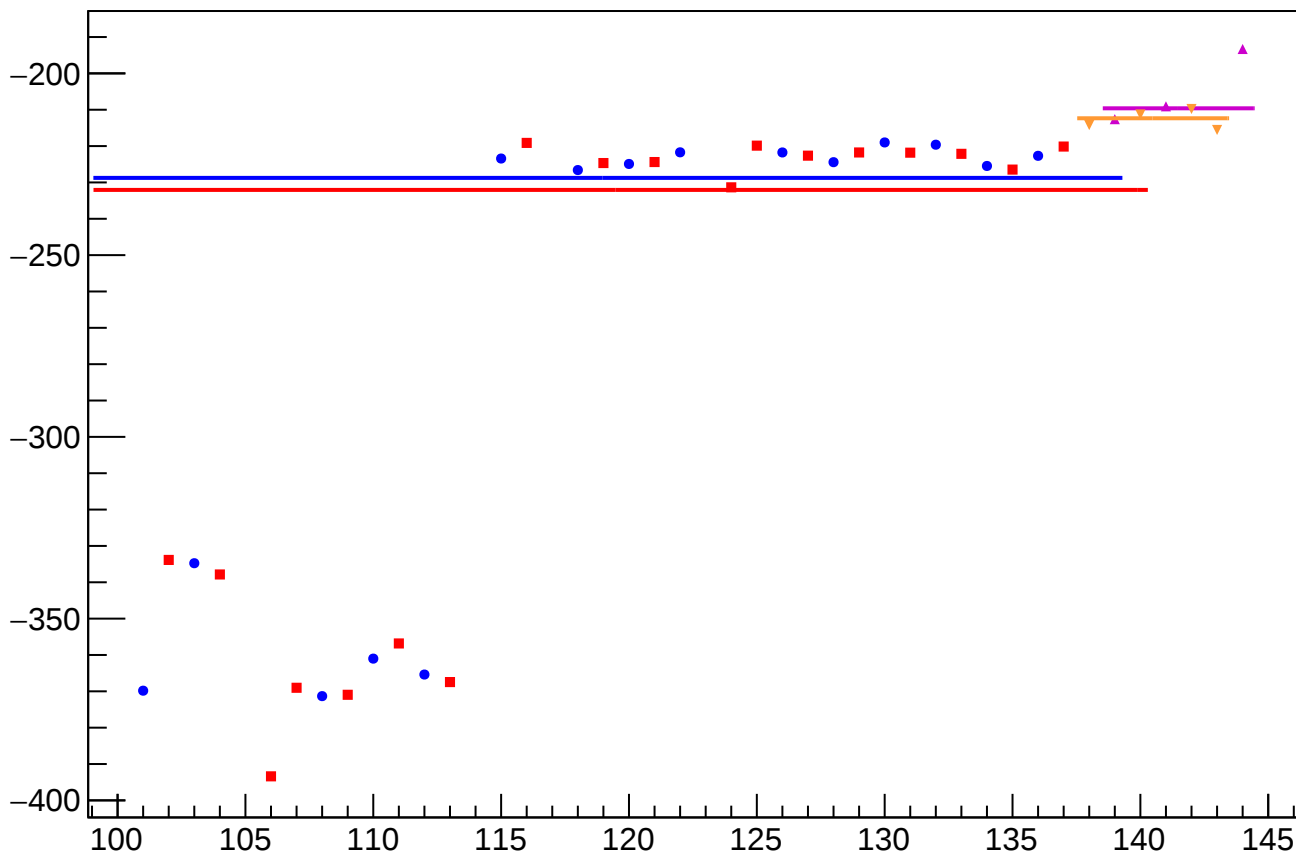
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 16.383+/-0.011 χ^2/NDF : 40148.7/17

Out: 16.435+/-0.013 χ^2/NDF : 69213.9/21

All: 16.406+/-0.009 χ^2/NDF : 109371.4/39

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -212.350 ± 0.040 $\chi^2/\text{NDF}: 3298.7/3$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -209.610 ± 0.044 $\chi^2/\text{NDF}: 3185.7/2$

Left: -211.135 ± 0.029 $\chi^2/\text{NDF}: 8614.0/6$

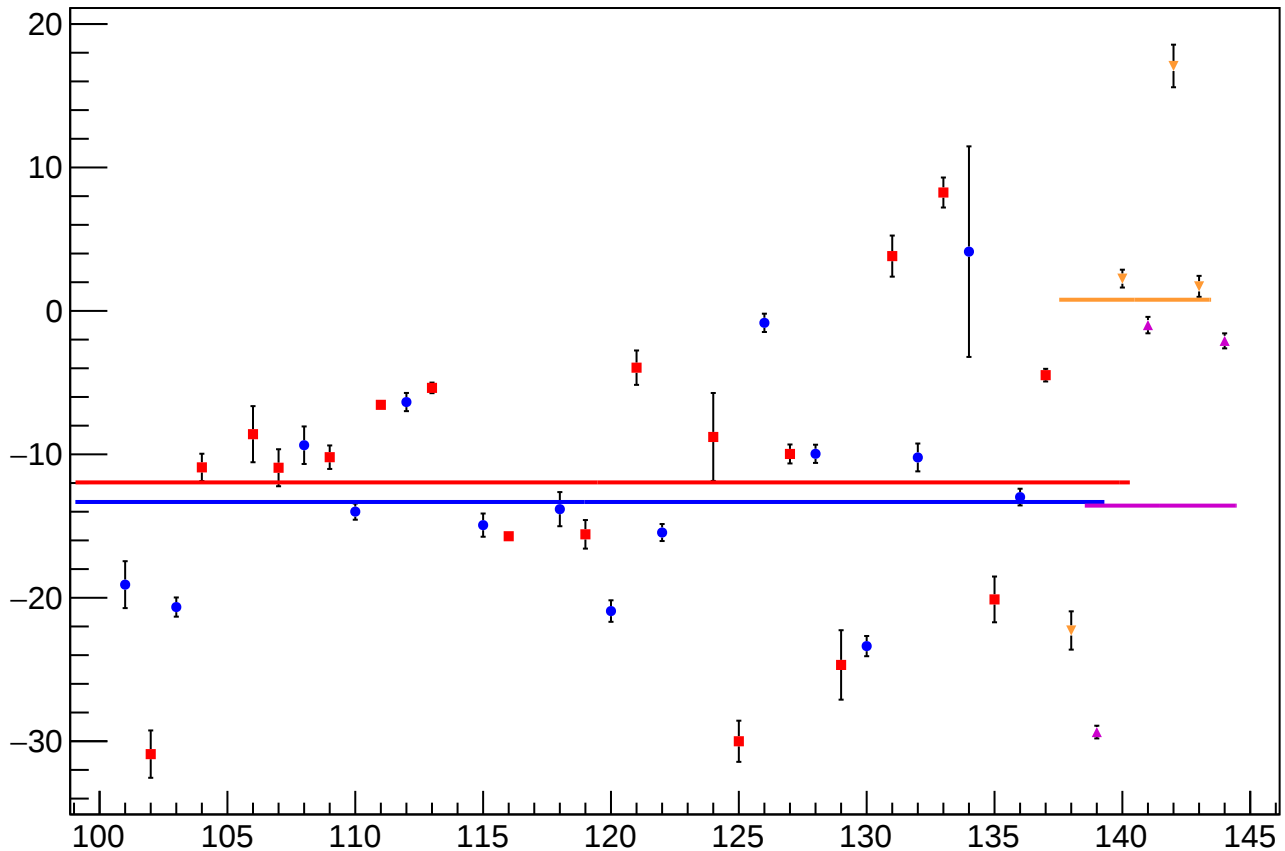
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -221.472 ± 0.027 $\chi^2/\text{NDF}: 776521.8/17$

Out: -221.772 ± 0.029 $\chi^2/\text{NDF}: 913669.8/21$

All: -221.615 ± 0.020 $\chi^2/\text{NDF}: 1690249.1/39$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: 0.780 ± 0.428 χ^2/NDF : 425.9/3

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -13.575 ± 0.291 χ^2/NDF : 2230.3/2

Left: -9.024 ± 0.241 χ^2/NDF : 3425.4/6

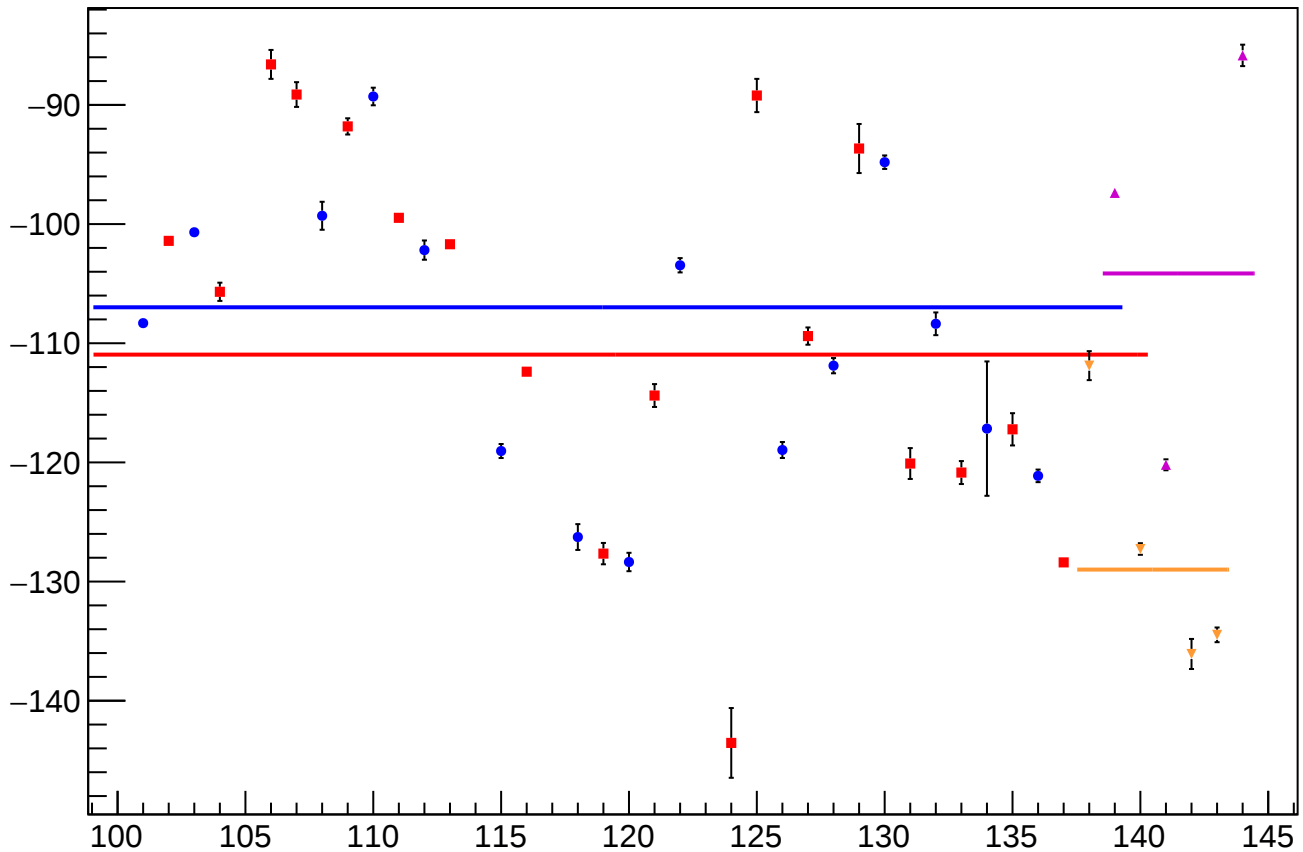
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -13.399 ± 0.161 χ^2/NDF : 3243.8/17

Out: -11.131 ± 0.109 χ^2/NDF : 3742.3/21

All: -11.841 ± 0.090 χ^2/NDF : 7121.9/39

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: -104.143 ± 0.268 χ^2/NDF : 1997.2/2

Left: -113.327 ± 0.213 χ^2/NDF : 5486.1/6

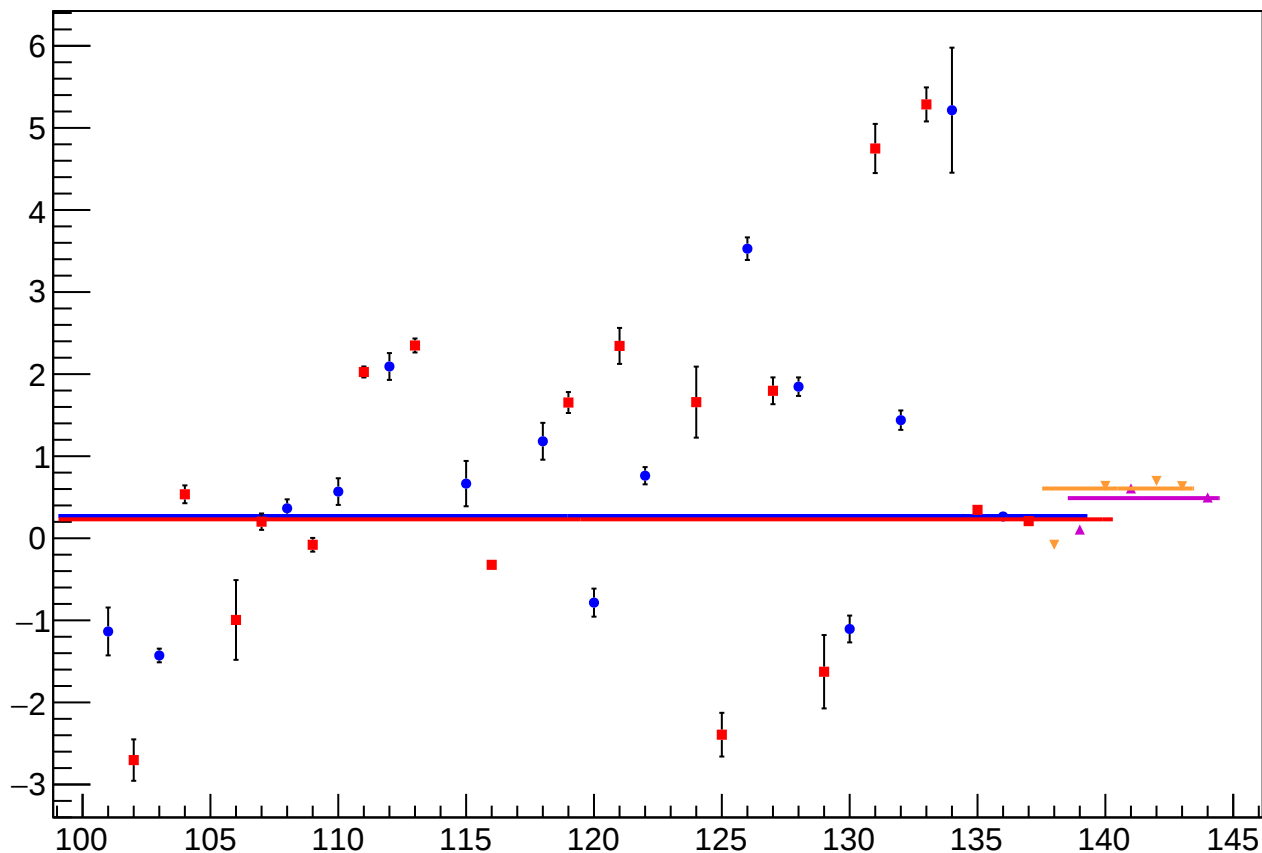
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -106.574 ± 0.102 χ^2/NDF : 6751.3/17

Out: -111.317 ± 0.050 χ^2/NDF : 13590.6/21

All: -110.405 ± 0.045 χ^2/NDF : 22095.0/39

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271+/-0.005 χ^2/NDF : 1612.2/14

Left Out: 0.606+/-0.006 χ^2/NDF :860.1/3

Right Out: 0.231+/-0.004 χ^2/NDF : 2907.8/17

Left In: 0.489+/-0.004 χ^2/NDF :2396.5/2

Left: 0.519+/-0.003 χ^2/NDF : 3513.4/6

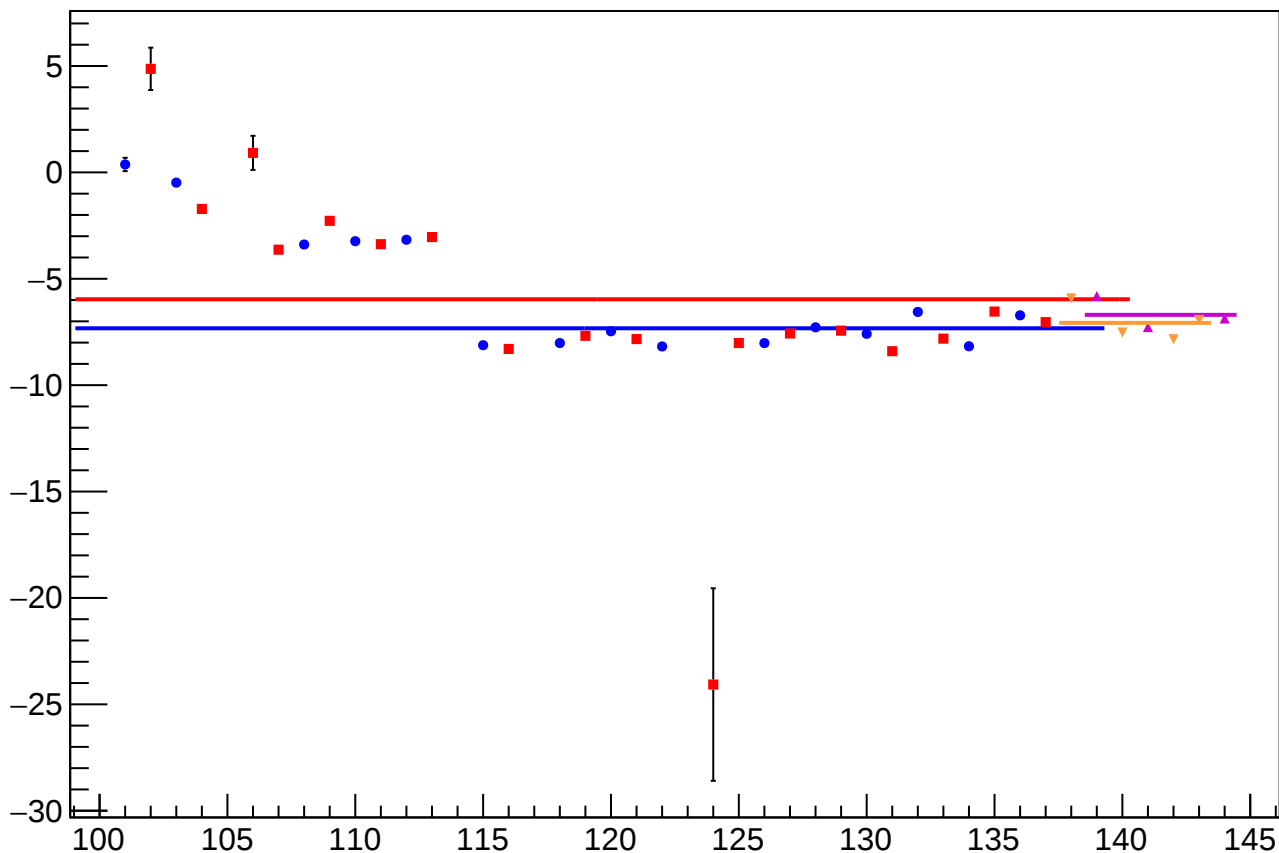
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.419+/-0.003 χ^2/NDF :5146.9/17

Out: 0.354+/-0.004 χ^2/NDF :6136.7/21

All: 0.392+/-0.002 χ^2/NDF : 11474.8/39

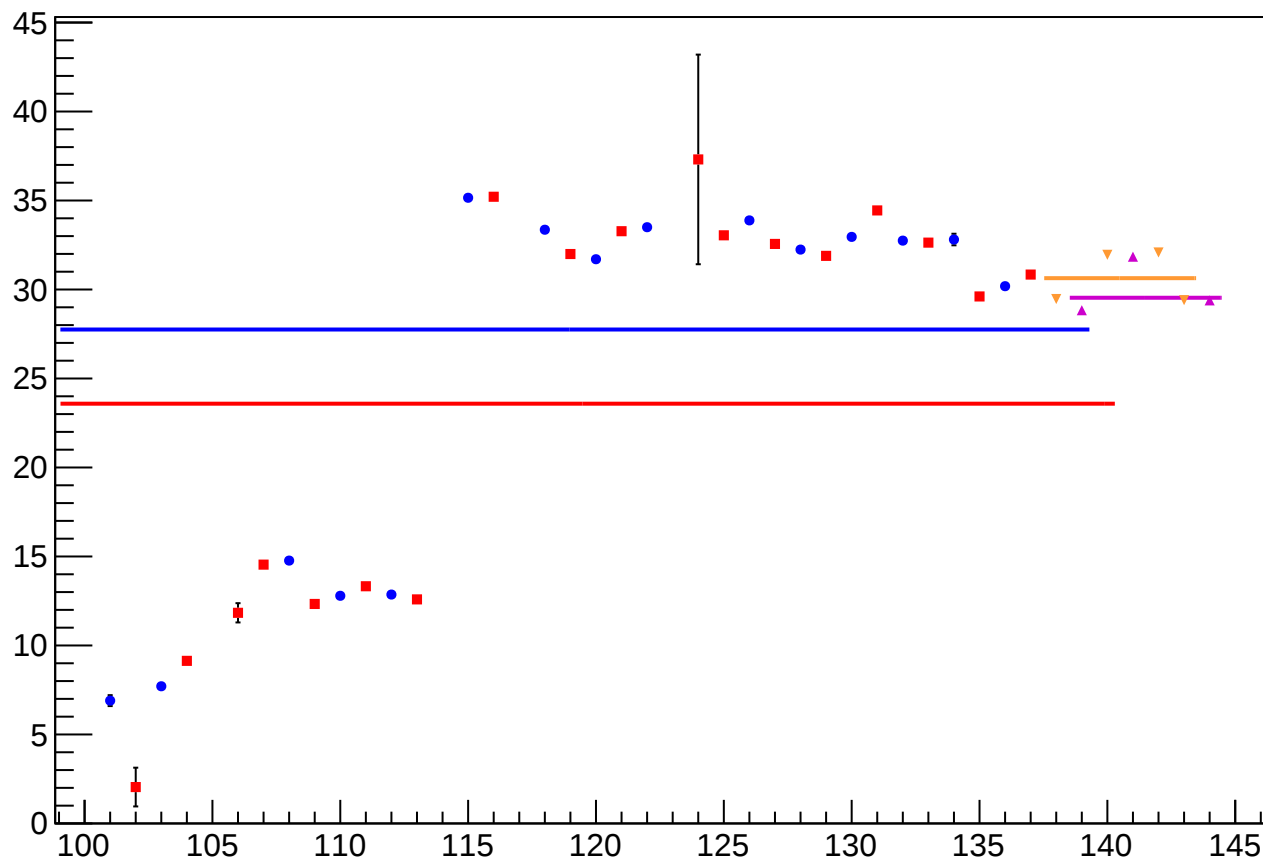
dit_sam3_4aY_slope vs Slug, Sign Corrected



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: -6.695 ± 0.010 $\chi^2/\text{NDF}: 2685.1/2$

Left: -6.780 ± 0.009 $\chi^2/\text{NDF}: 3952.6/6$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -7.059 ± 0.006 $\chi^2/\text{NDF}: 35583.8/17$
 Out: -6.174 ± 0.008 $\chi^2/\text{NDF}: 75769.8/21$
 All: -6.711 ± 0.005 $\chi^2/\text{NDF}: 118966.4/39$

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: 29.537 $\pm$ 0.028 χ^2 /NDF:1314.2/2

Left: 30.041 $\pm$ 0.021 χ^2 /NDF: 3797.5/6

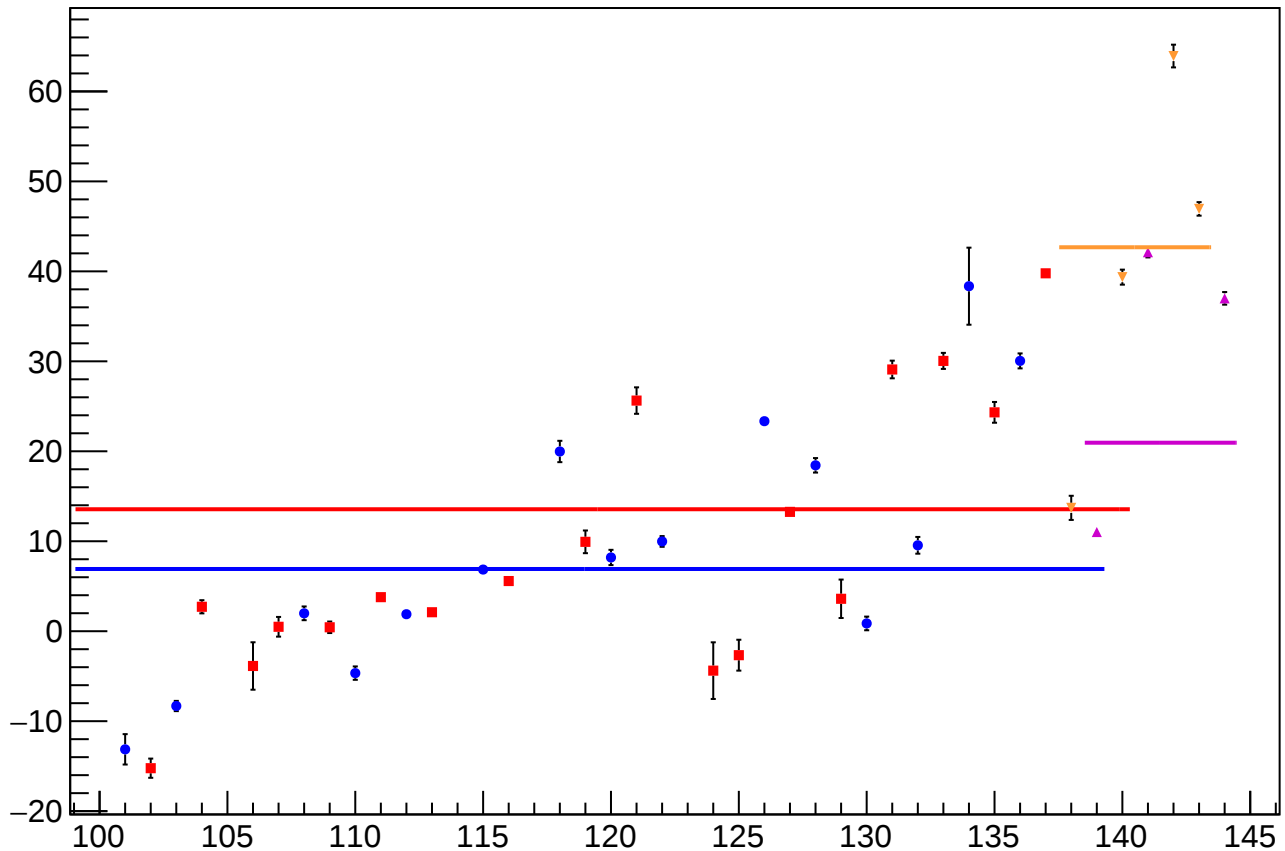
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.150 $\pm$ 0.013 χ^2 /NDF:337382.1/17

Out: 24.769 $\pm$ 0.013 χ^2 /NDF:585809.3/21

All: 26.362 $\pm$ 0.009 χ^2 /NDF: 957608.7/39

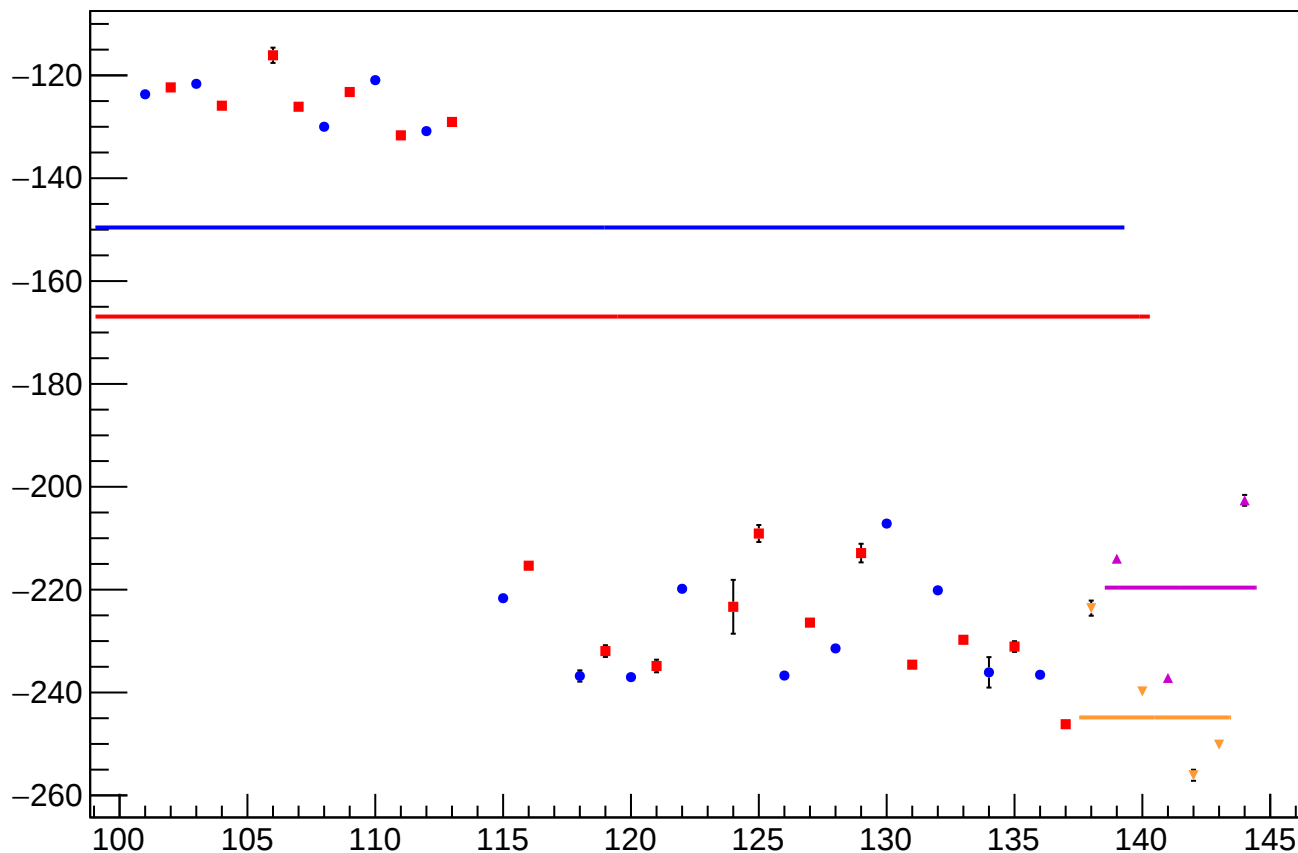
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 42.678 ± 0.478 $\chi^2/\text{NDF}: 796.8/3$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 20.952 ± 0.261 $\chi^2/\text{NDF}: 2807.2/2$

Left: 25.958 ± 0.229 $\chi^2/\text{NDF}: 5195.7/6$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 11.314 ± 0.146 $\chi^2/\text{NDF}: 8290.6/17$
 Out: 16.015 ± 0.139 $\chi^2/\text{NDF}: 15856.2/21$
 All: 13.788 ± 0.101 $\chi^2/\text{NDF}: 24690.3/39$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -244.851 ± 0.408 χ^2/NDF : 442.6/3

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -219.607 ± 0.235 χ^2/NDF : 2148.6/2

Left: -225.884 ± 0.203 χ^2/NDF : 5468.5/6

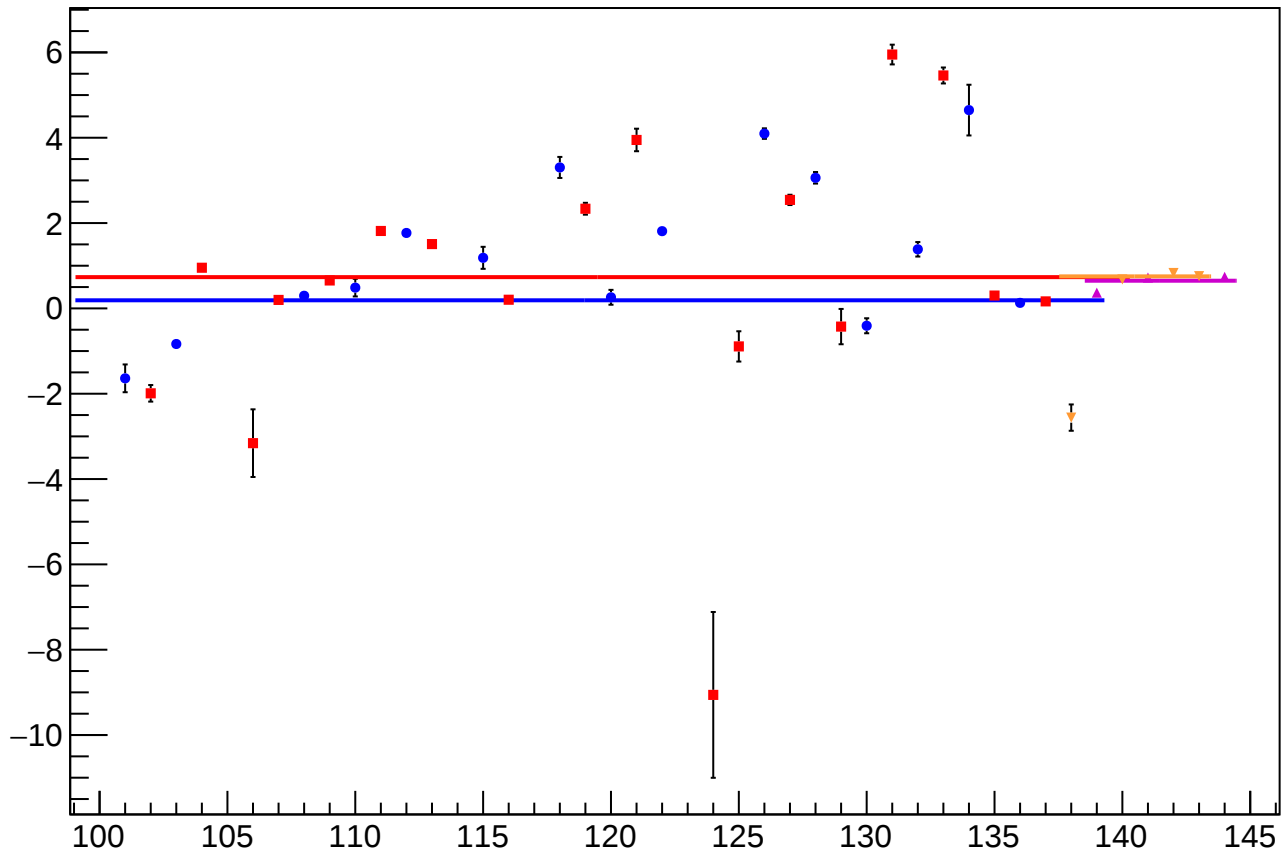
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -160.501 ± 0.093 χ^2/NDF : 272396.6/17

Out: -171.367 ± 0.098 χ^2/NDF : 330355.9/21

All: -165.649 ± 0.067 χ^2/NDF : 609266.4/39

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: 0.648 $\pm$ 0.006 χ^2 /NDF:761.6/2

Left: 0.679 $\pm$ 0.005 χ^2 /NDF: 1013.9/6

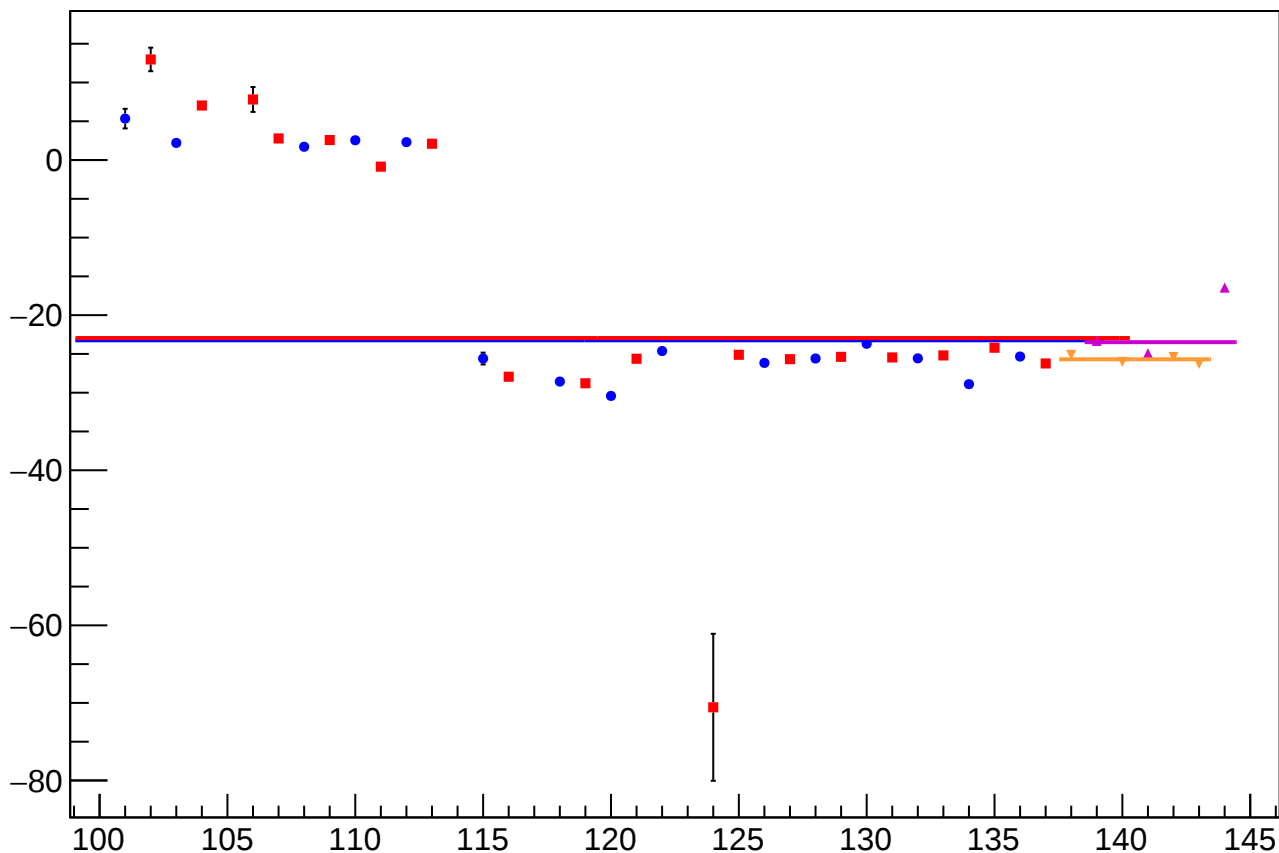
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.512 $\pm$ 0.005 χ^2 /NDF:5486.3/17

Out: 0.747 $\pm$ 0.008 χ^2 /NDF:2821.2/21

All: 0.574 $\pm$ 0.004 χ^2 /NDF: 8964.6/39

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241+/-0.025 χ^2/NDF : 103102.8/14

Left Out: -25.693+/-0.046 χ^2/NDF :111.9/3

Right Out: -22.951+/-0.025 χ^2/NDF : 108039.1/17

Left In: -23.482+/-0.059 χ^2/NDF :1390.5/2

Left: -24.847+/-0.036 χ^2/NDF : 2379.8/6

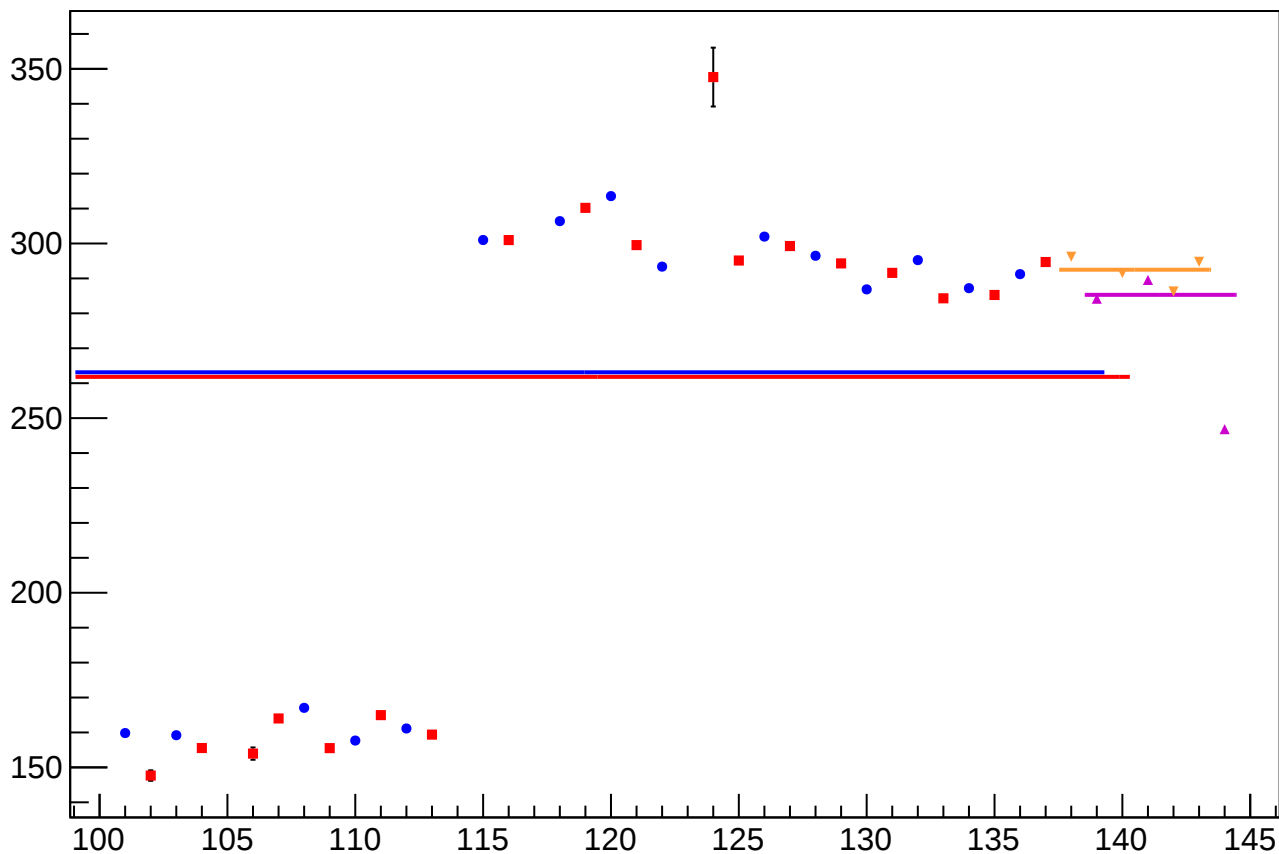
Right: -23.095+/-0.017 χ^2/NDF : 211210.7/32

In: -23.277+/-0.023 χ^2/NDF :104507.6/17

Out: -23.561+/-0.022 χ^2/NDF :110895.5/21

All: -23.426+/-0.016 χ^2/NDF : 215484.0/39

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: 285.298+/-0.190 χ^2/NDF :1835.9/2

Left: 291.186+/-0.081 χ^2/NDF : 4620.0/6

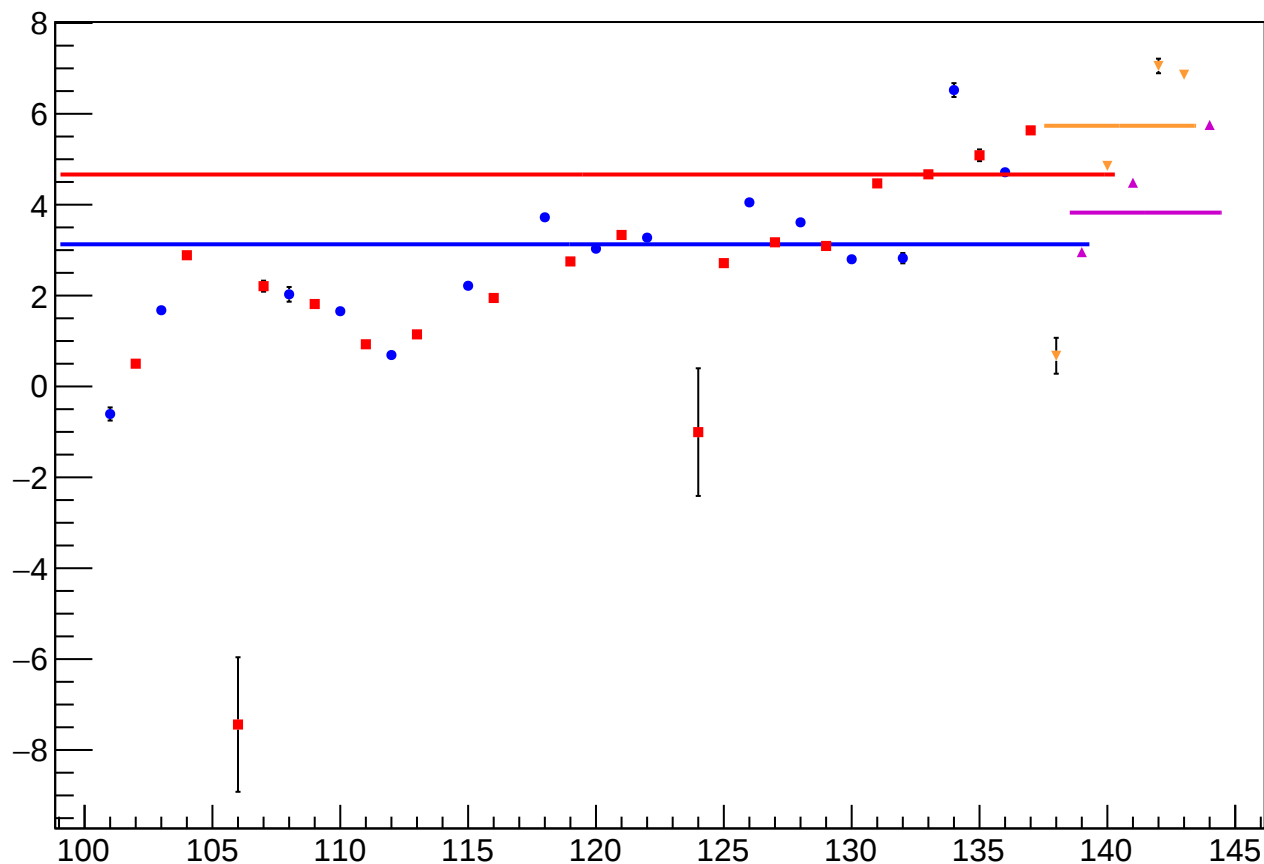
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 265.716+/-0.065 χ^2/NDF :706787.6/17

Out: 271.433+/-0.050 χ^2/NDF :1088581.7/21

All: 269.300+/-0.040 χ^2/NDF : 1800231.6/39

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: 3.825 $\pm$ 0.028 χ^2 /NDF:1300.5/2

Left: 4.190 $\pm$ 0.025 χ^2 /NDF: 2660.6/6

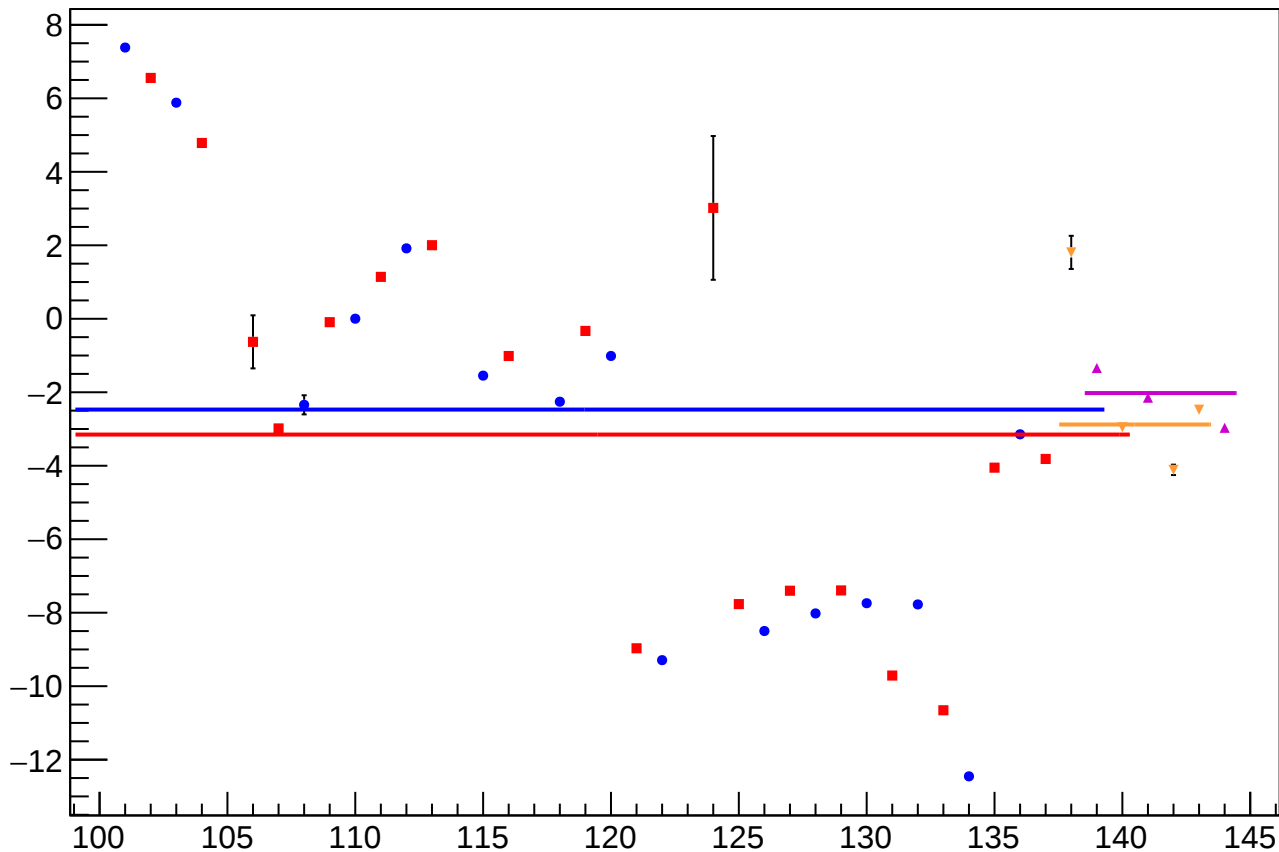
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.295 $\pm$ 0.014 χ^2 /NDF:7436.7/17

Out: 4.677 $\pm$ 0.006 χ^2 /NDF:67679.6/21

All: 4.436 $\pm$ 0.006 χ^2 /NDF: 83465.8/39

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: -2.877 ± 0.049 χ^2/NDF : 207.2/3

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: -2.022 ± 0.029 χ^2/NDF : 430.4/2

Left: -2.239 ± 0.025 χ^2/NDF : 860.9/6

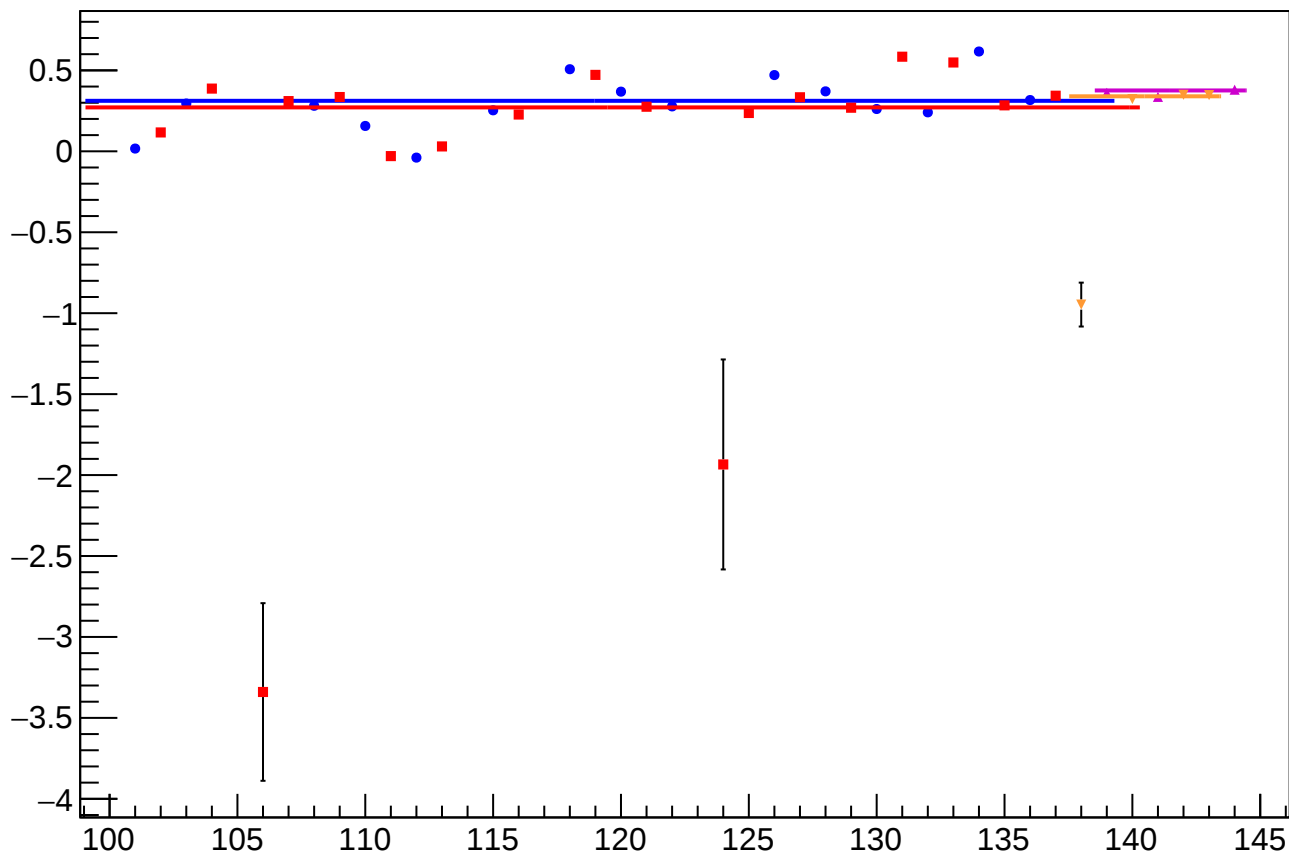
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -2.384 ± 0.013 χ^2/NDF : 243205.8/17

Out: -3.145 ± 0.007 χ^2/NDF : 247664.9/21

All: -2.954 ± 0.006 χ^2/NDF : 493566.8/39

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.340 ± 0.002 $\chi^2/\text{NDF}: 135.3/3$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.376 ± 0.001 $\chi^2/\text{NDF}: 72.7/2$

Left: 0.361 ± 0.001 $\chi^2/\text{NDF}: 468.3/6$

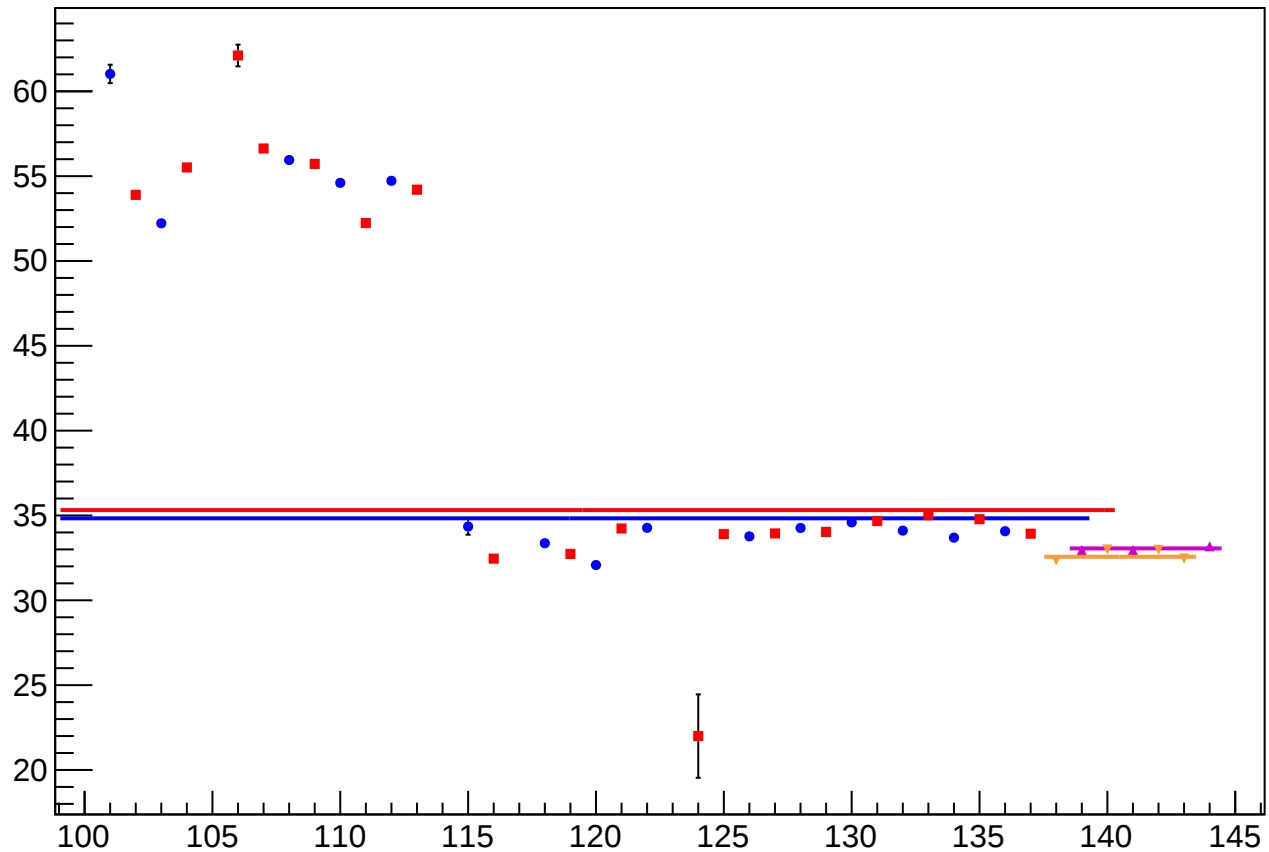
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 2482.4/17$

Out: 0.313 ± 0.001 $\chi^2/\text{NDF}: 6919.1/21$

All: 0.331 ± 0.001 $\chi^2/\text{NDF}: 9676.8/39$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.564+/-0.015 χ^2/NDF : 285.8/3

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 33.059+/-0.016 χ^2/NDF : 44.8/2

Left: 32.794+/-0.011 χ^2/NDF : 842.4/6

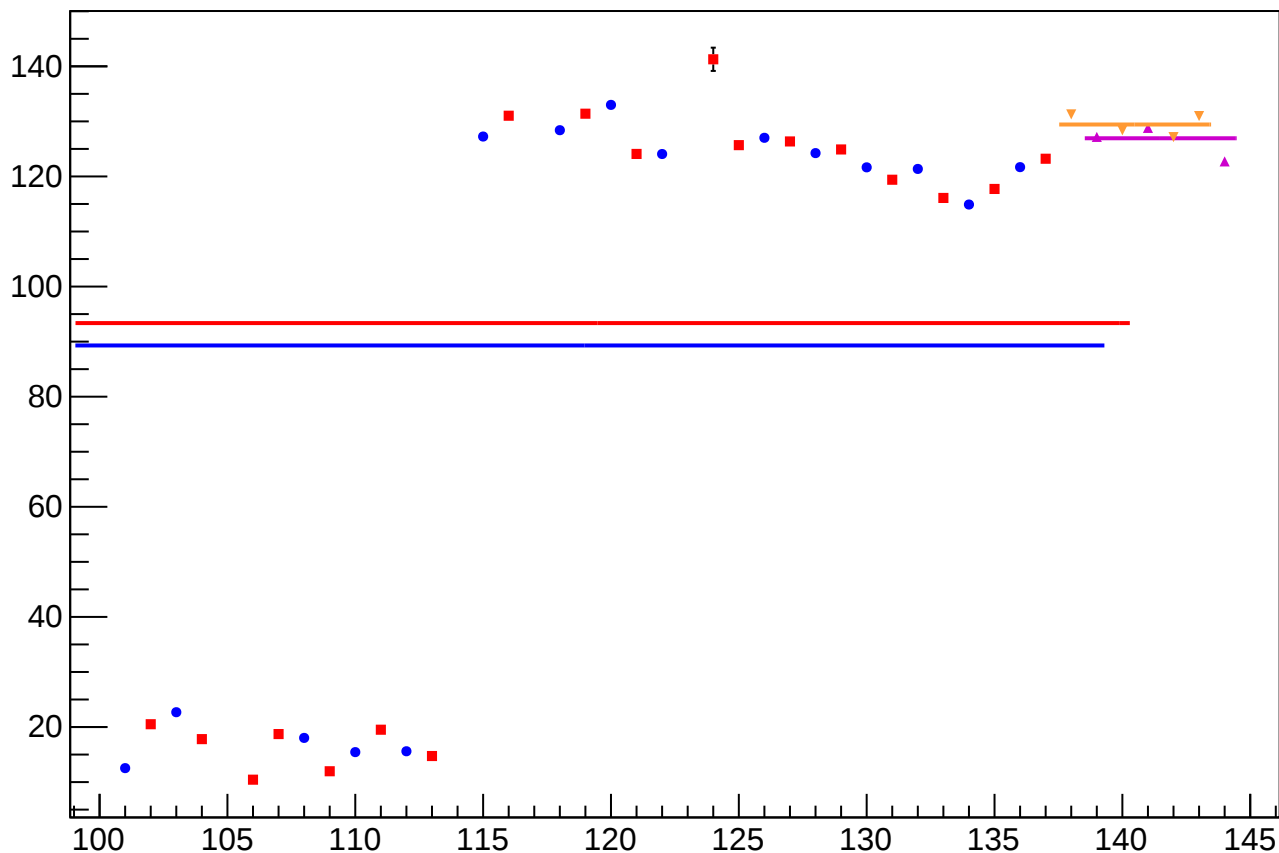
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 34.434+/-0.008 χ^2/NDF : 255112.9/17

Out: 34.468+/-0.008 χ^2/NDF : 285435.0/21

All: 34.450+/-0.006 χ^2/NDF : 540557.5/39

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: 126.934+/-0.060 χ^2/NDF :1399.1/2

Left: 128.704+/-0.033 χ^2/NDF : 4681.0/6

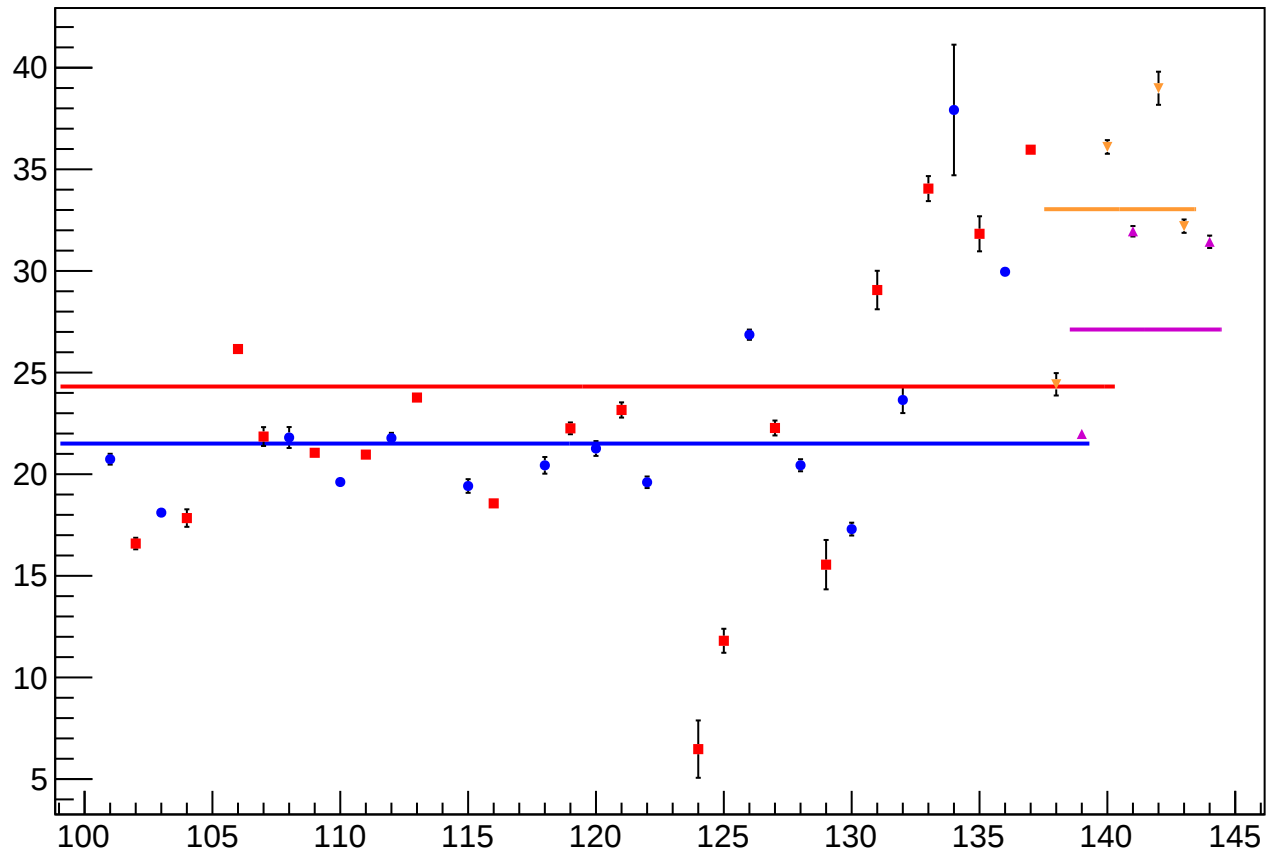
Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32

In: 95.754+/-0.025 χ^2/NDF :3358401.6/17

Out: 106.850+/-0.024 χ^2/NDF :3396966.5/21

All: 101.594+/-0.017 χ^2/NDF : 6859246.6/39

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: 27.119 $\pm$ 0.143 χ^2 /NDF:1165.4/2

Left: 29.003 $\pm$ 0.118 χ^2 /NDF: 2099.3/6

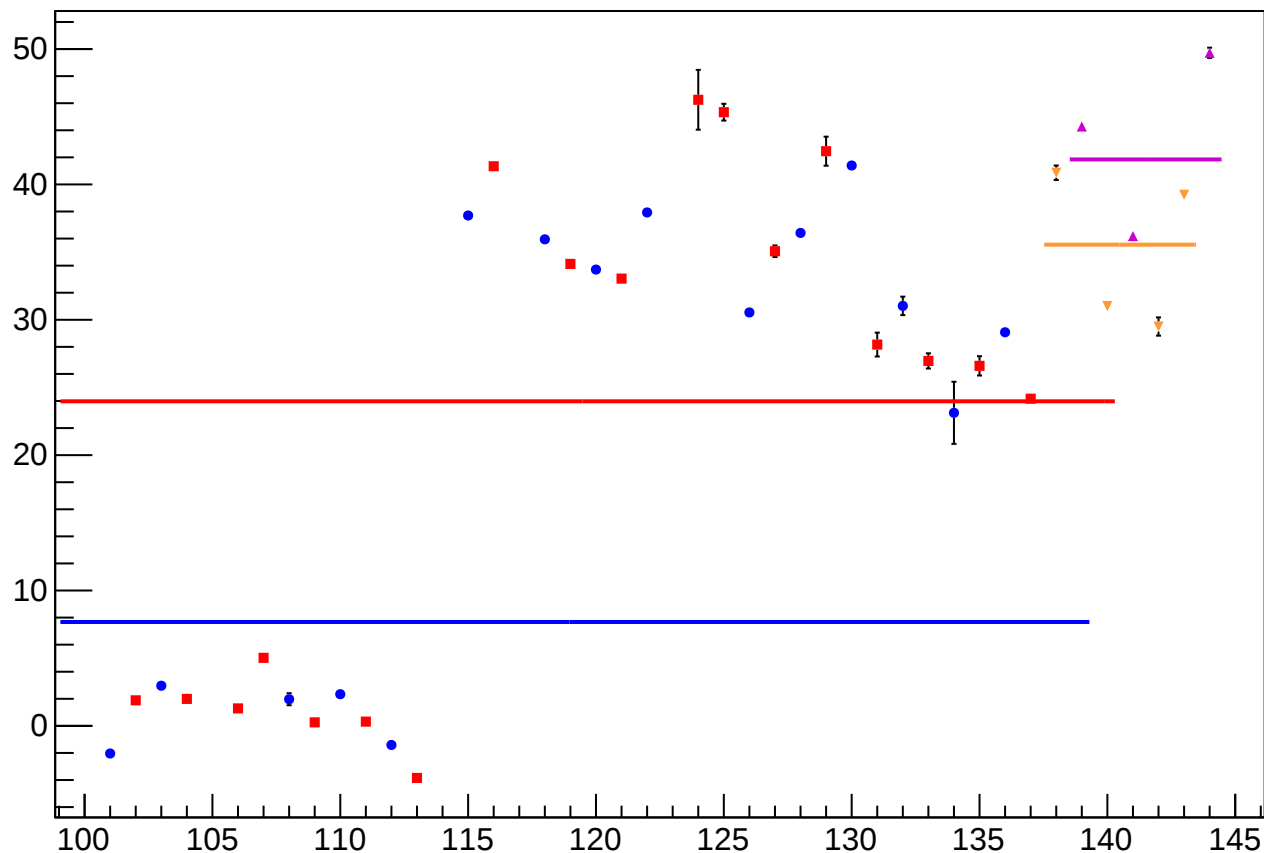
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 22.652 $\pm$ 0.065 χ^2 /NDF:5356.9/17

Out: 24.947 $\pm$ 0.056 χ^2 /NDF:16298.3/21

All: 23.955 $\pm$ 0.042 χ^2 /NDF: 22373.2/39

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 35.549 ± 0.181 $\chi^2/\text{NDF}: 597.8/3$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 41.845 ± 0.125 $\chi^2/\text{NDF}: 1392.3/2$

Left: 39.815 ± 0.103 $\chi^2/\text{NDF}: 2808.8/6$

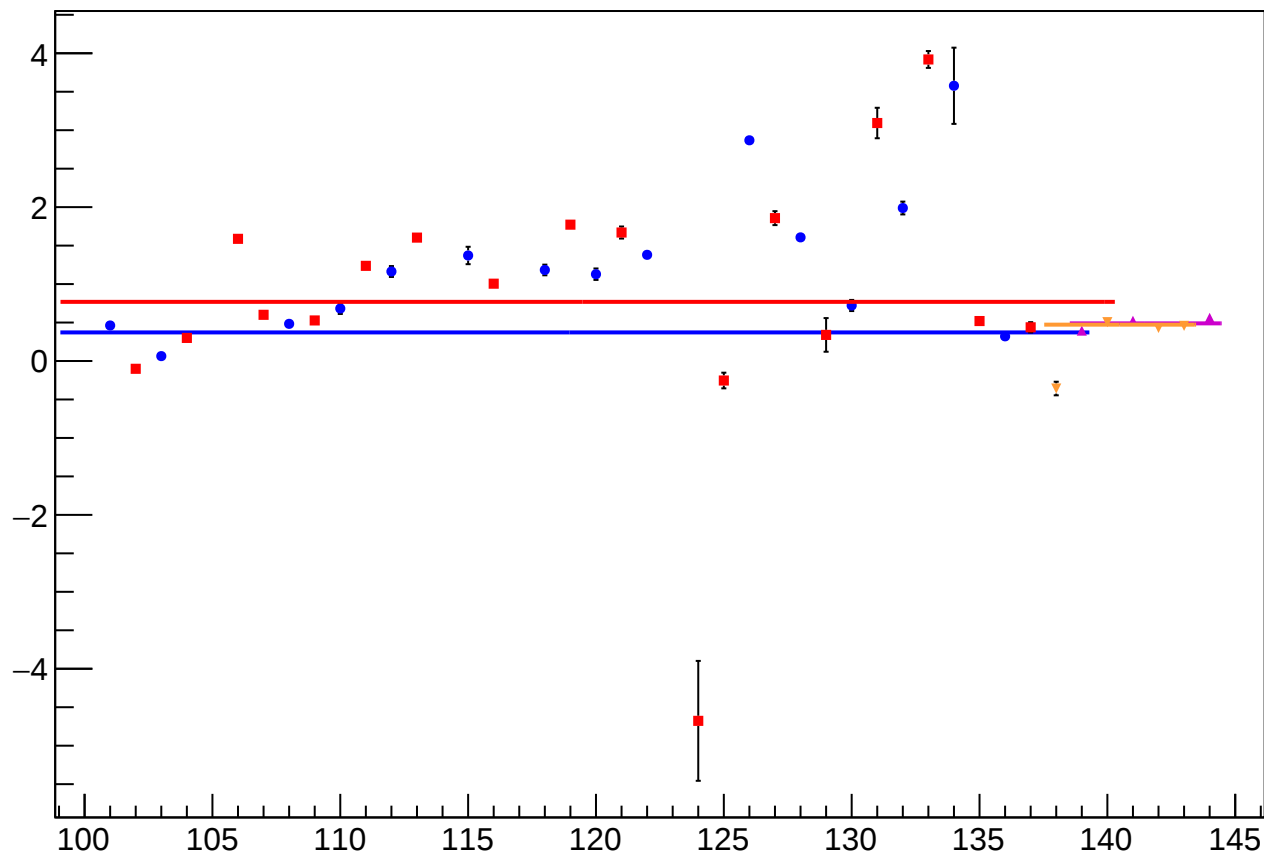
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 11.634 ± 0.043 $\chi^2/\text{NDF}: 163949.6/17$

Out: 24.001 ± 0.008 $\chi^2/\text{NDF}: 115234.5/21$

All: 23.561 ± 0.008 $\chi^2/\text{NDF}: 360709.9/39$

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: 0.489 ± 0.003 $\chi^2/\text{NDF}: 578.4/2$

Left: 0.481 ± 0.002 $\chi^2/\text{NDF}: 763.1/6$

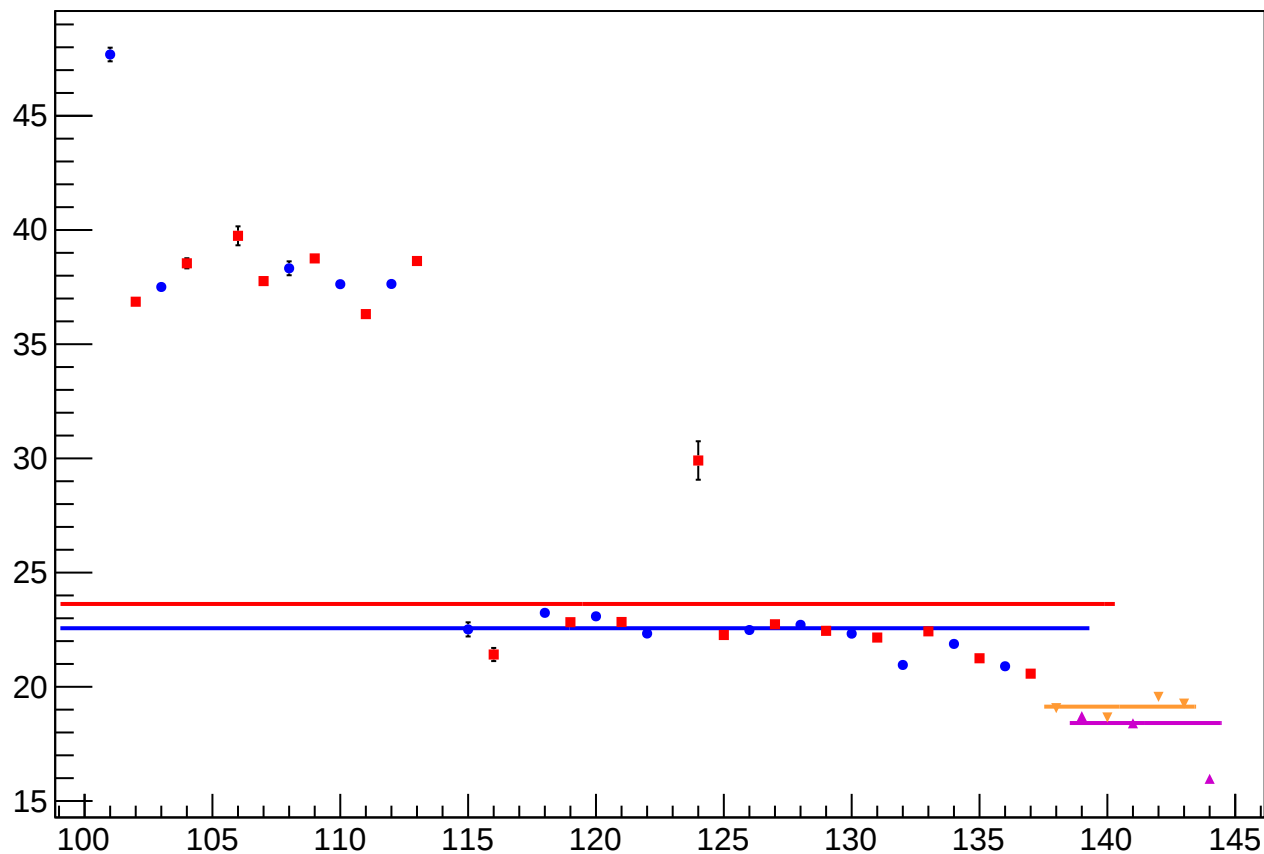
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.454 ± 0.002 $\chi^2/\text{NDF}: 5834.5/17$

Out: 0.518 ± 0.003 $\chi^2/\text{NDF}: 5851.4/21$

All: 0.482 ± 0.002 $\chi^2/\text{NDF}: 12001.5/39$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 19.131+/-0.014 χ^2/NDF : 531.6/3

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 18.414+/-0.019 χ^2/NDF : 888.6/2

Left: 18.883+/-0.011 χ^2/NDF : 2368.9/6

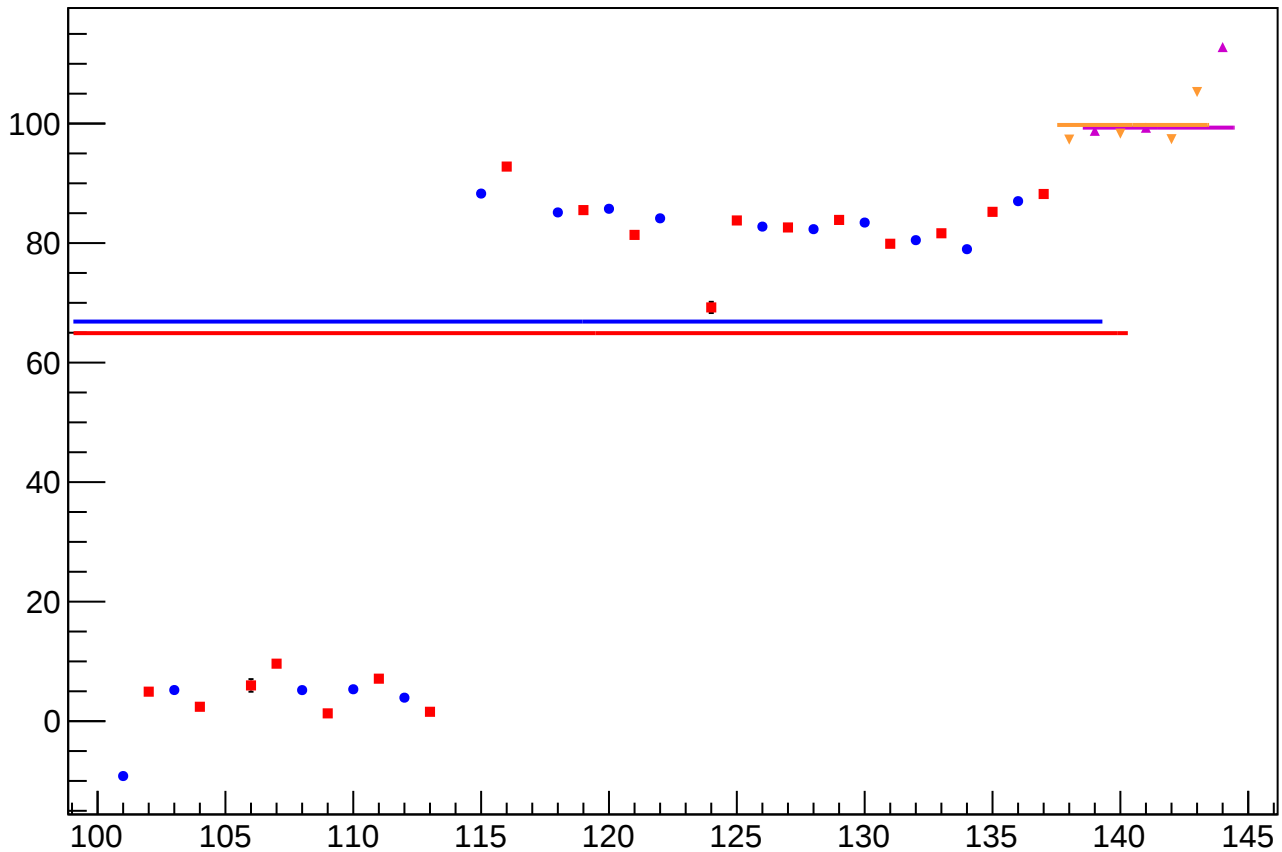
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 21.627+/-0.009 χ^2/NDF : 131353.9/17

Out: 21.820+/-0.009 χ^2/NDF : 188253.2/21

All: 21.726+/-0.006 χ^2/NDF : 319845.5/39

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.767 $\pm$ 0.030 χ^2 /NDF:12777.9/3

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 99.319 $\pm$ 0.033 χ^2 /NDF:1173.1/2

Left: 99.563 $\pm$ 0.022 χ^2 /NDF: 14053.9/6

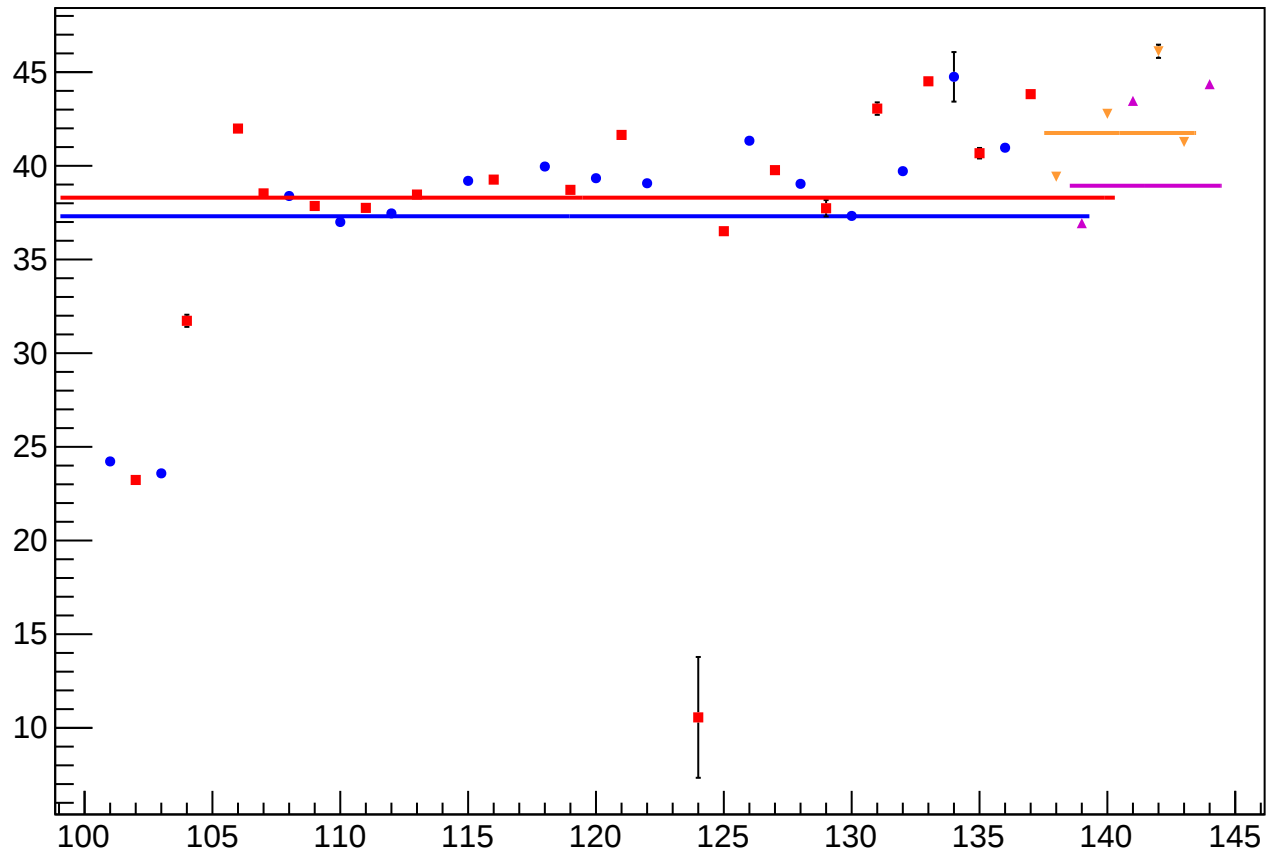
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 80.116 $\pm$ 0.021 χ^2 /NDF:2082581.4/17

Out: 82.342 $\pm$ 0.021 χ^2 /NDF:2033779.7/21

All: 81.218 $\pm$ 0.015 χ^2 /NDF: 4122021.7/39

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 41.752 ± 0.081 $\chi^2/\text{NDF}: 313.4/3$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.937 ± 0.058 $\chi^2/\text{NDF}: 2900.2/2$

Left: 39.898 ± 0.047 $\chi^2/\text{NDF}: 4015.3/6$

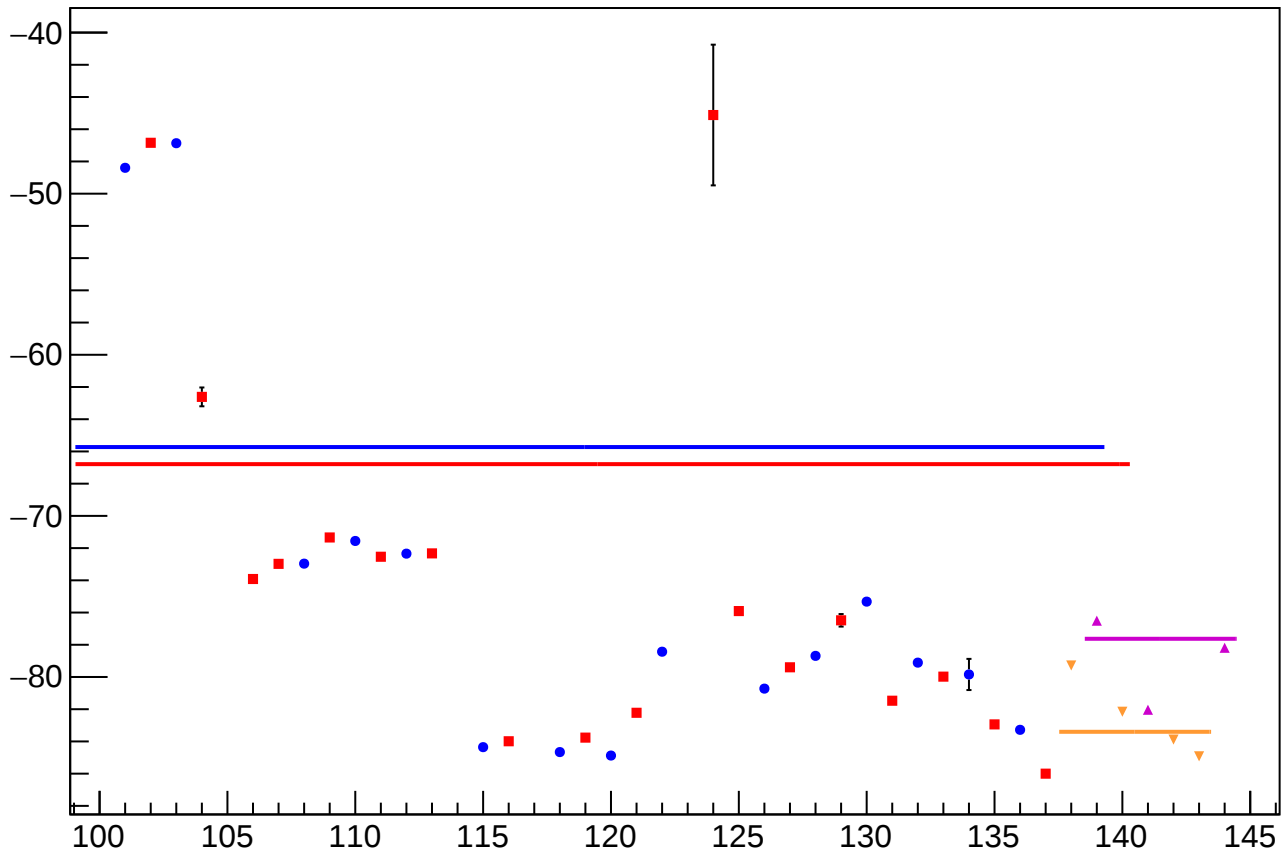
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.530 ± 0.021 $\chi^2/\text{NDF}: 63158.8/17$

Out: 38.509 ± 0.020 $\chi^2/\text{NDF}: 20872.7/21$

All: 38.057 ± 0.015 $\chi^2/\text{NDF}: 85153.2/39$

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: -77.628 +/- 0.046 χ^2/NDF : 2042.9/2

Left: -79.394 +/- 0.038 χ^2/NDF : 7597.2/6

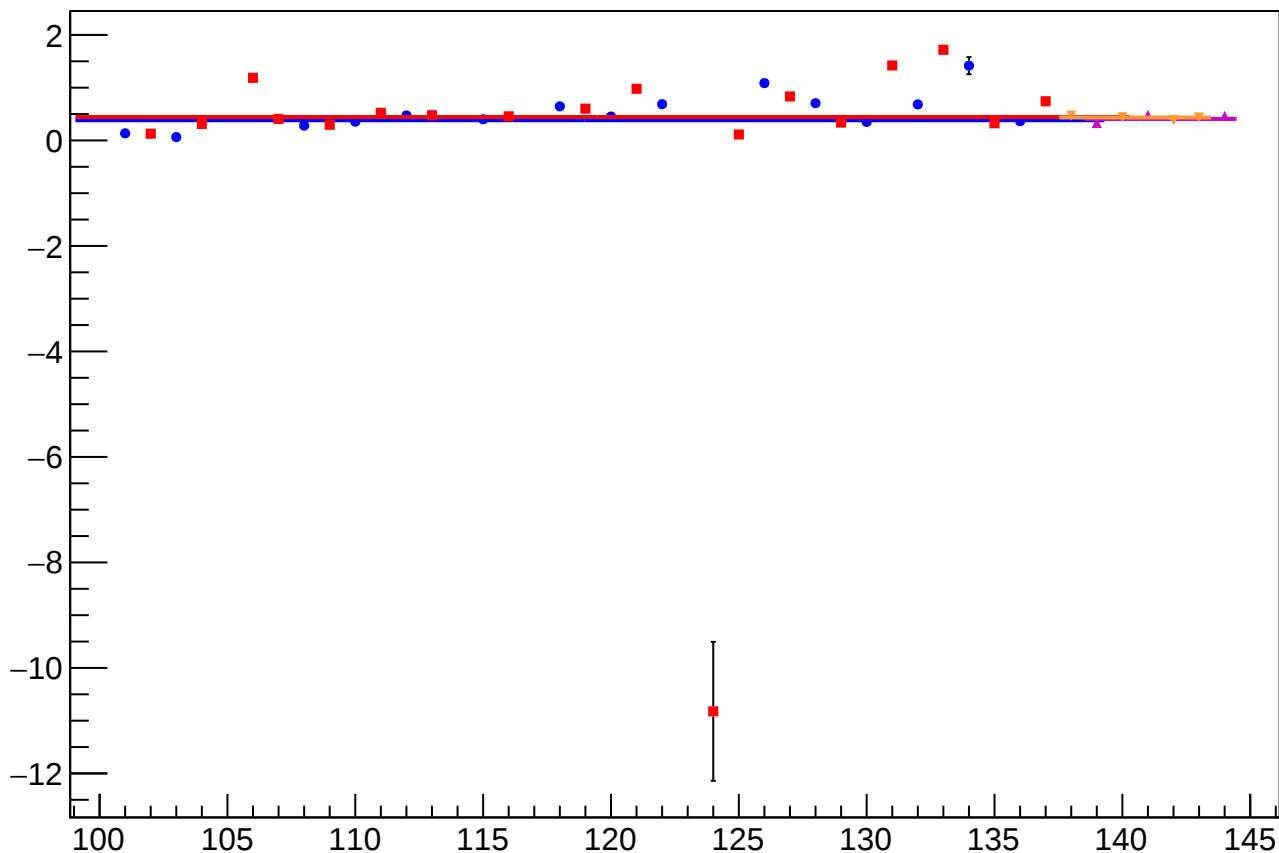
Right: -66.292 +/- 0.012 χ^2/NDF : 1714516.0/32

In: -67.142 +/- 0.016 χ^2/NDF : 964365.1/17

Out: -67.614 +/- 0.015 χ^2/NDF : 864951.6/21

All: -67.384 +/- 0.011 χ^2/NDF : 1829773.6/39

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.435 $\pm$ 0.002 χ^2 /NDF: 47.3/3

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.407 $\pm$ 0.002 χ^2 /NDF: 1947.1/2

Left: 0.420 $\pm$ 0.001 χ^2 /NDF: 2124.3/6

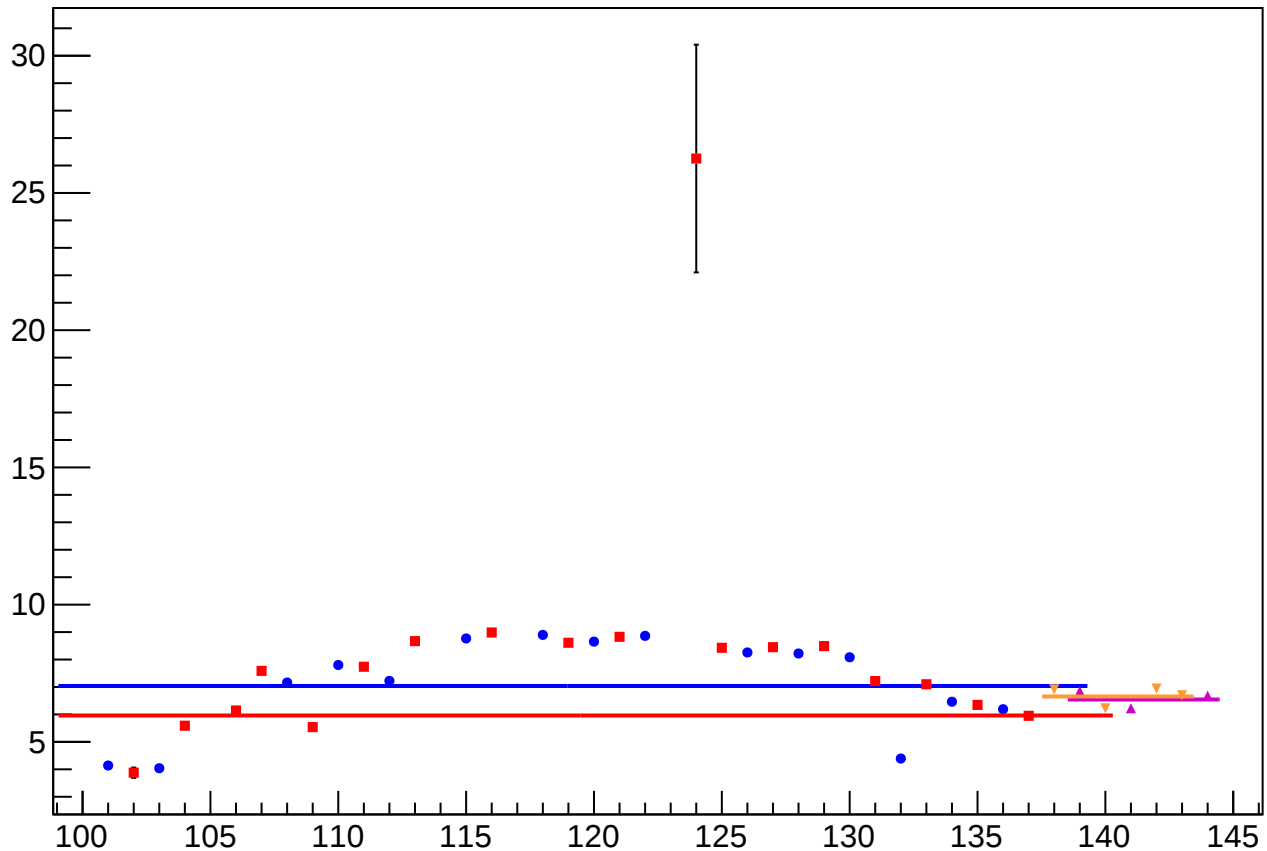
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.396 $\pm$ 0.001 χ^2 /NDF: 10216.1/17

Out: 0.436 $\pm$ 0.002 χ^2 /NDF: 2839.0/21

All: 0.412 $\pm$ 0.001 χ^2 /NDF: 13453.5/39

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.654 ± 0.005 χ^2/NDF : 2659.5/3

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.544 ± 0.005 χ^2/NDF : 3025.0/2

Left: 6.602 ± 0.003 χ^2/NDF : 5949.5/6

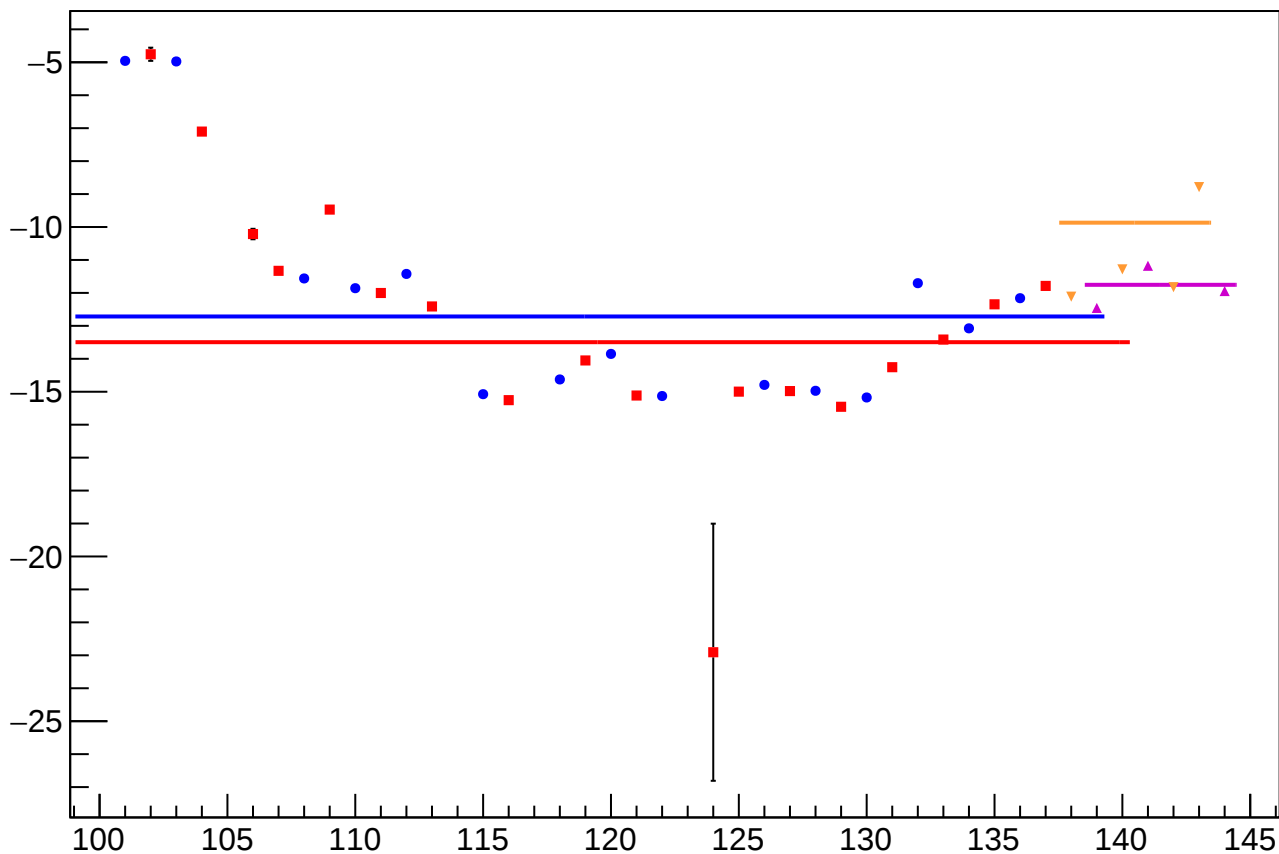
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.810 ± 0.003 χ^2/NDF : 78374.8/17

Out: 5.967 ± 0.000 χ^2/NDF : 192956.8/21

All: 5.979 ± 0.000 χ^2/NDF : 334666.5/39

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: -11.755 $\pm$ 0.009 χ^2 /NDF: 3490.4/2

Left: -10.331 $\pm$ 0.004 χ^2 /NDF: 123197.2/6

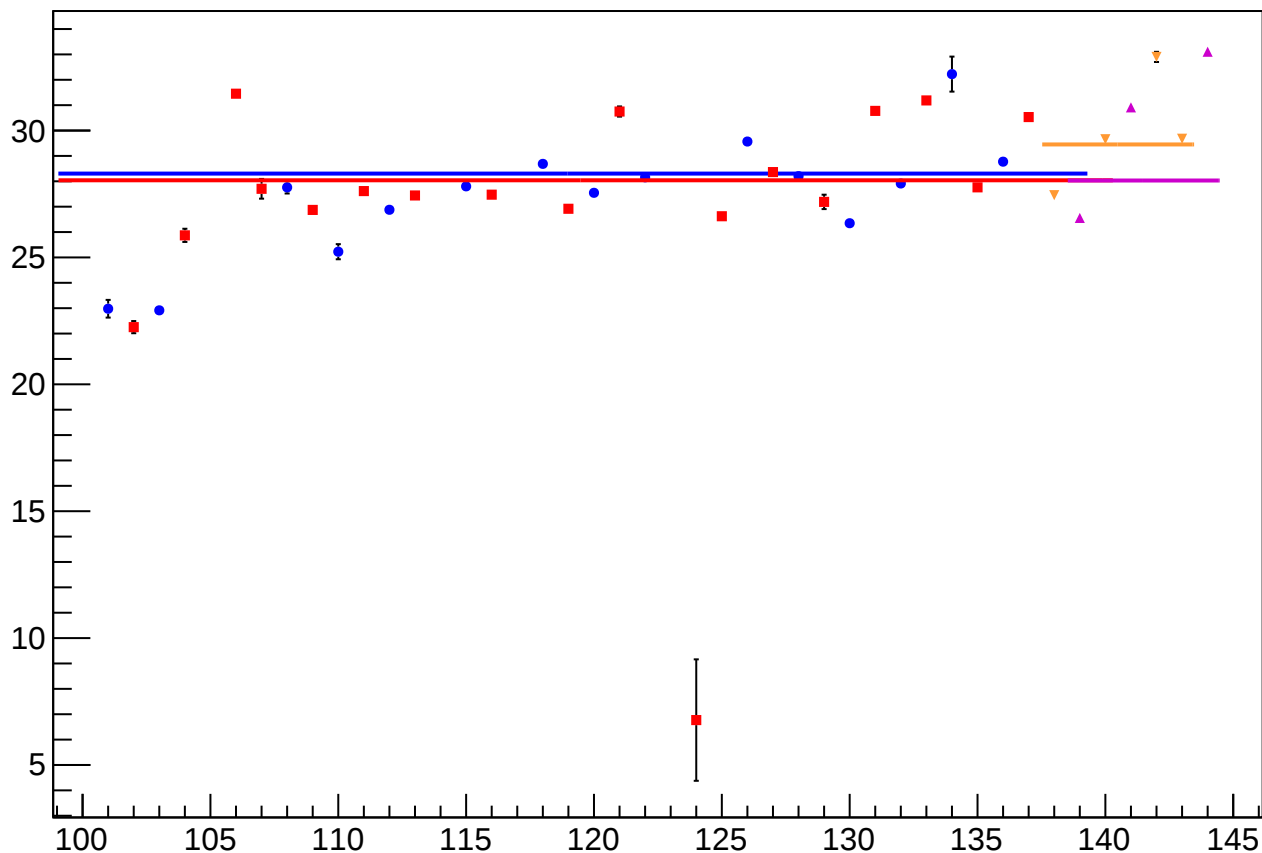
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.380 $\pm$ 0.005 χ^2 /NDF: 96625.9/17

Out: -11.401 $\pm$ 0.004 χ^2 /NDF: 365165.3/21

All: -11.744 $\pm$ 0.003 χ^2 /NDF: 485335.0/39

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 29.452 $\pm$ 0.054 χ^2 /NDF:590.2/3

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.031 $\pm$ 0.045 χ^2 /NDF:2678.2/2

Left: 28.614 $\pm$ 0.034 χ^2 /NDF: 3681.0/6

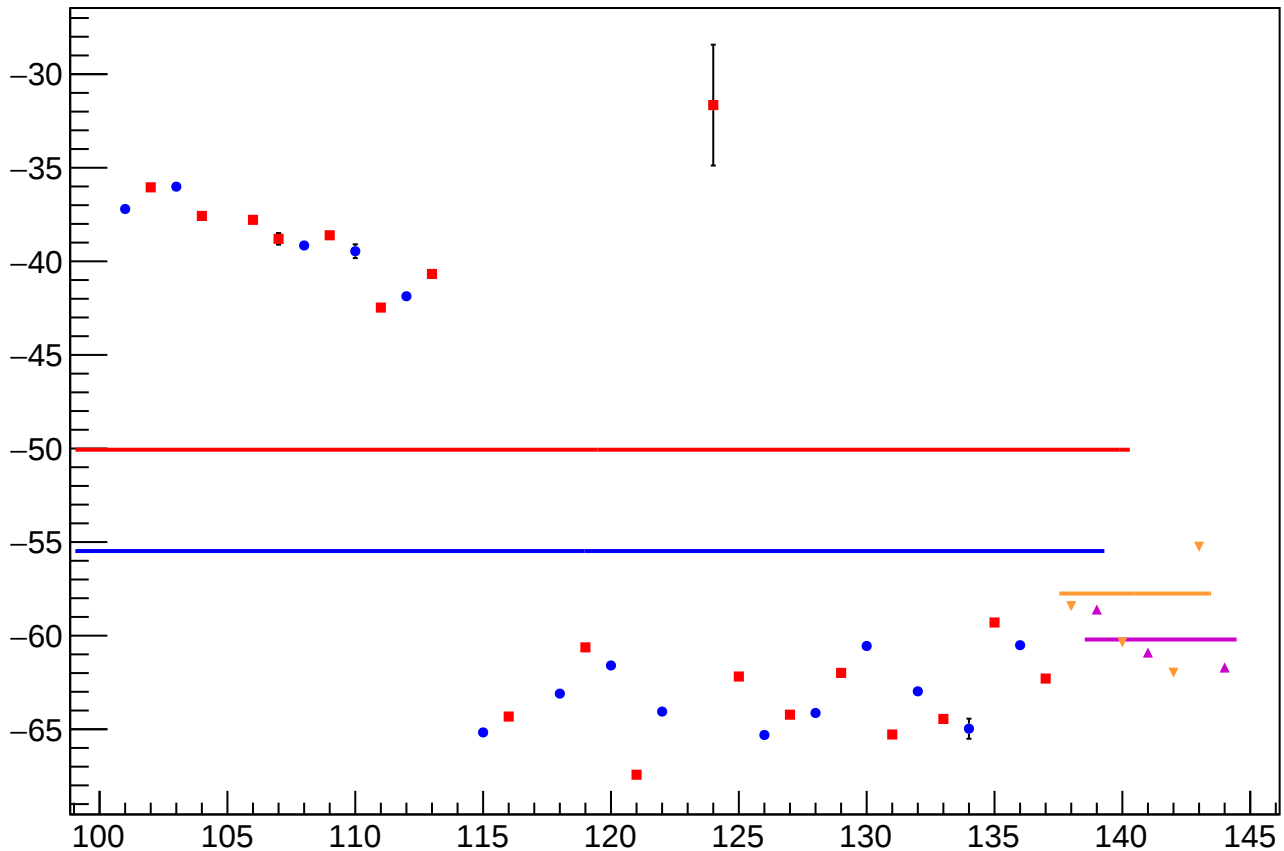
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.247 $\pm$ 0.021 χ^2 /NDF:6107.6/17

Out: 28.381 $\pm$ 0.026 χ^2 /NDF:3676.0/21

All: 28.297 $\pm$ 0.016 χ^2 /NDF: 9799.7/39

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: -60.206 ± 0.053 $\chi^2/\text{NDF}: 544.4/2$

Left: -58.828 ± 0.035 $\chi^2/\text{NDF}: 4669.0/6$

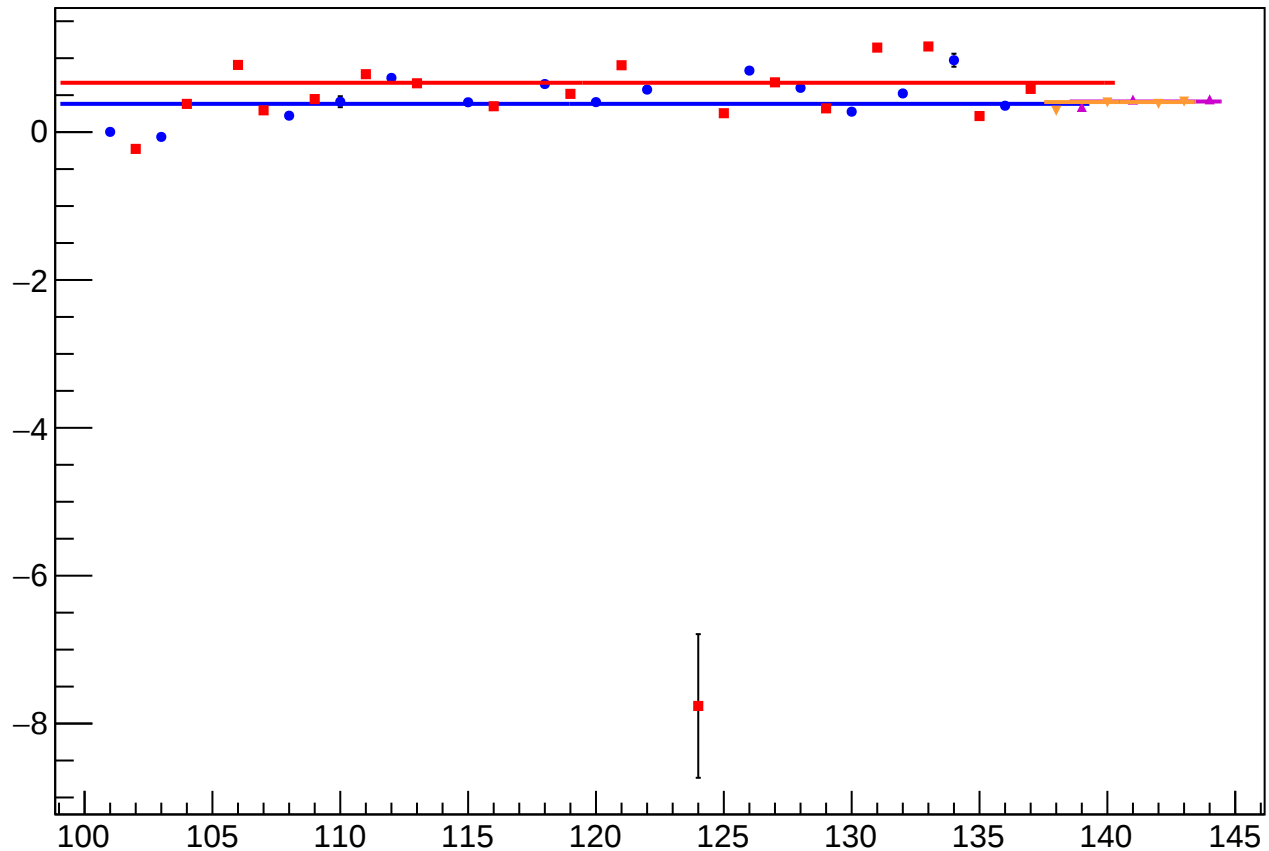
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -55.903 ± 0.016 $\chi^2/\text{NDF}: 602972.6/17$

Out: -51.577 ± 0.021 $\chi^2/\text{NDF}: 364726.1/21$

All: -54.312 ± 0.013 $\chi^2/\text{NDF}: 995245.9/39$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.407 $\pm$ 0.001 χ^2 /NDF:241.6/3

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.414 $\pm$ 0.001 χ^2 /NDF:958.8/2

Left: 0.410 $\pm$ 0.001 χ^2 /NDF: 1216.3/6

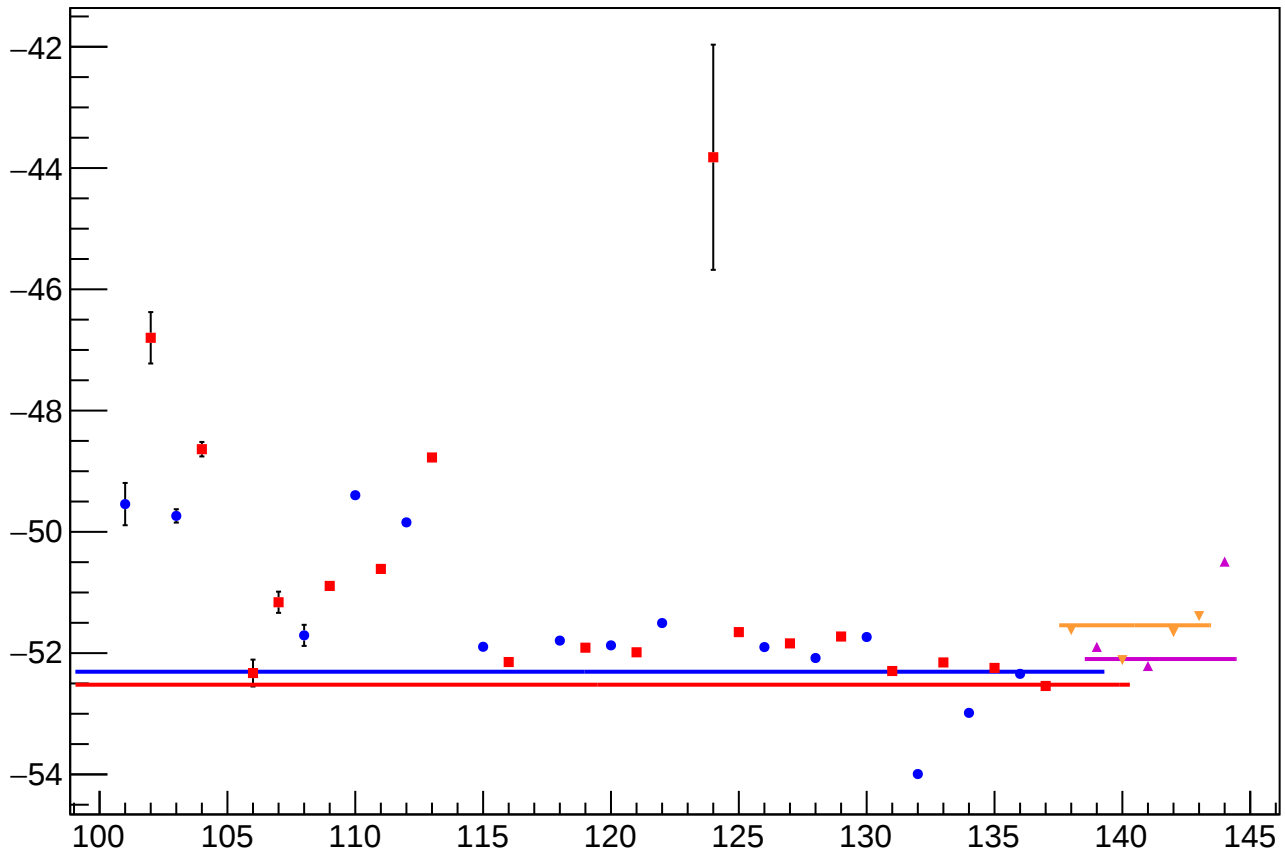
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.400 $\pm$ 0.001 χ^2 /NDF:5773.8/17

Out: 0.424 $\pm$ 0.001 χ^2 /NDF:6942.1/21

All: 0.411 $\pm$ 0.001 χ^2 /NDF: 12941.4/39

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307+/-0.004 χ^2/NDF : 25427.4/14

Left Out: -51.541+/-0.005 χ^2/NDF : 2015.8/3

Right Out: -52.521+/-0.001 χ^2/NDF : 14961.7/17

Left In: -52.097+/-0.005 χ^2/NDF : 3914.3/2

Left: -51.792+/-0.003 χ^2/NDF : 12445.3/6

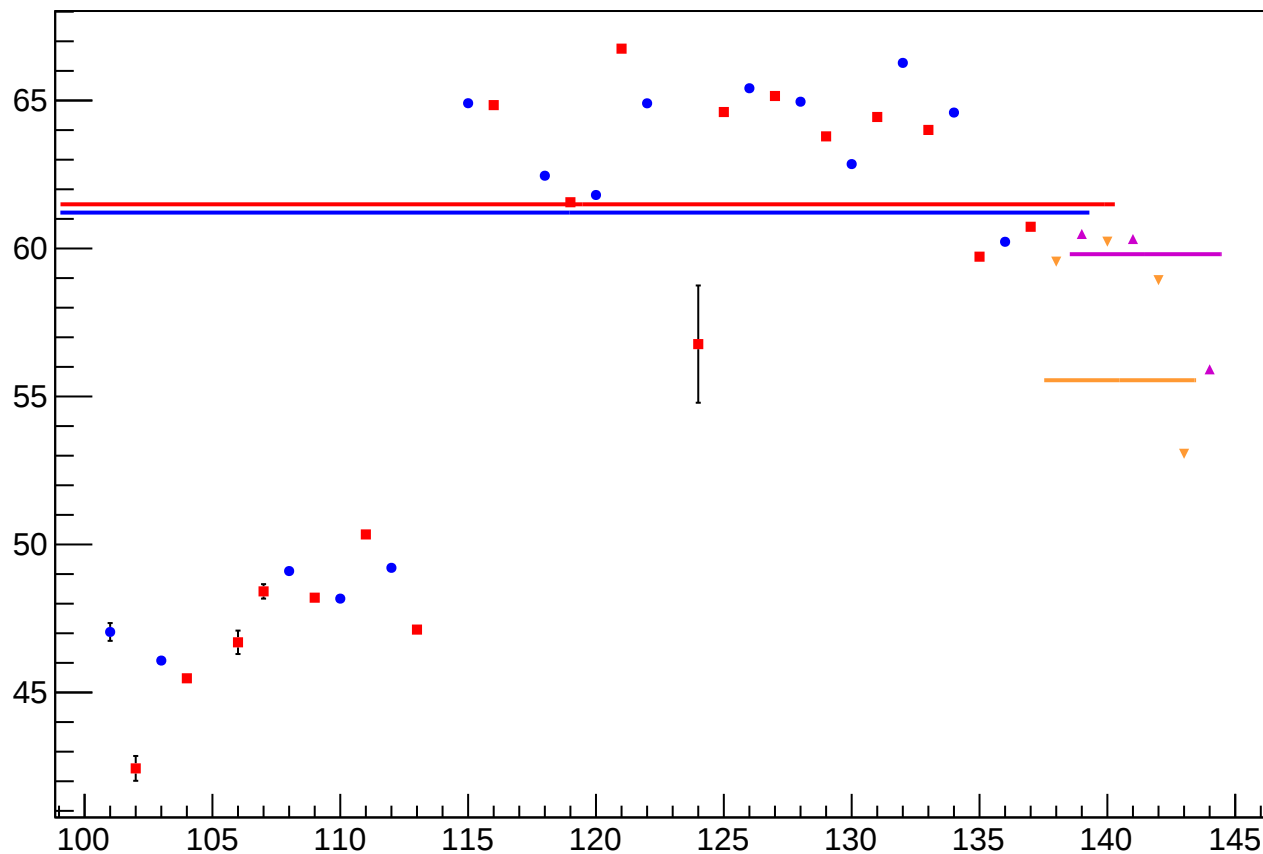
Right: -52.505+/-0.001 χ^2/NDF : 43203.2/32

In: -52.230+/-0.003 χ^2/NDF : 30407.5/17

Out: -52.468+/-0.001 χ^2/NDF : 59368.2/21

All: -52.442+/-0.001 χ^2/NDF : 95069.4/39

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: 59.807 $\pm$ 0.023 χ^2 /NDF:4019.2/2

Left: 55.963 $\pm$ 0.007 χ^2 /NDF: 218393.9/6

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 60.990 $\pm$ 0.009 χ^2 /NDF:163815.8/17

Out: 58.854 $\pm$ 0.005 χ^2 /NDF:774289.8/21

All: 59.350 $\pm$ 0.004 χ^2 /NDF: 980359.0/39

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

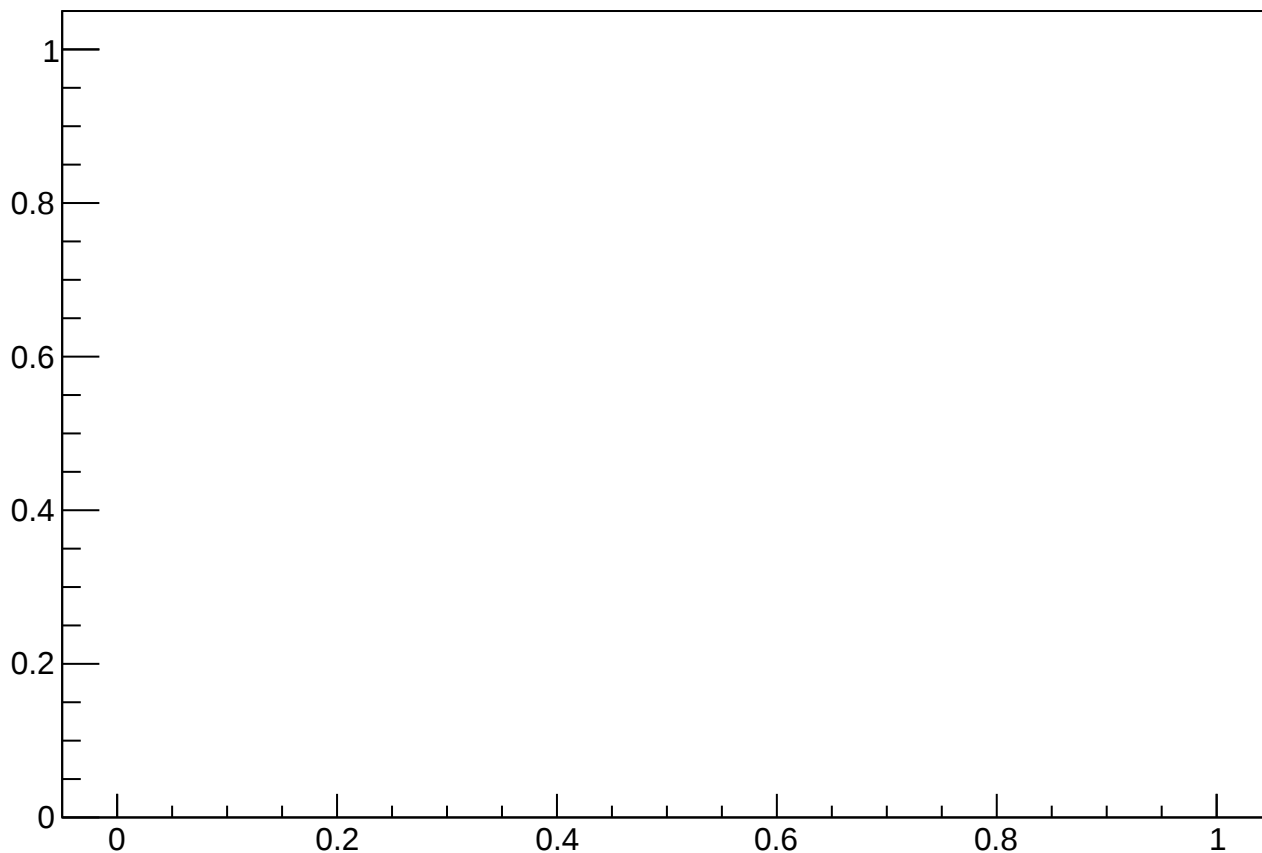
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

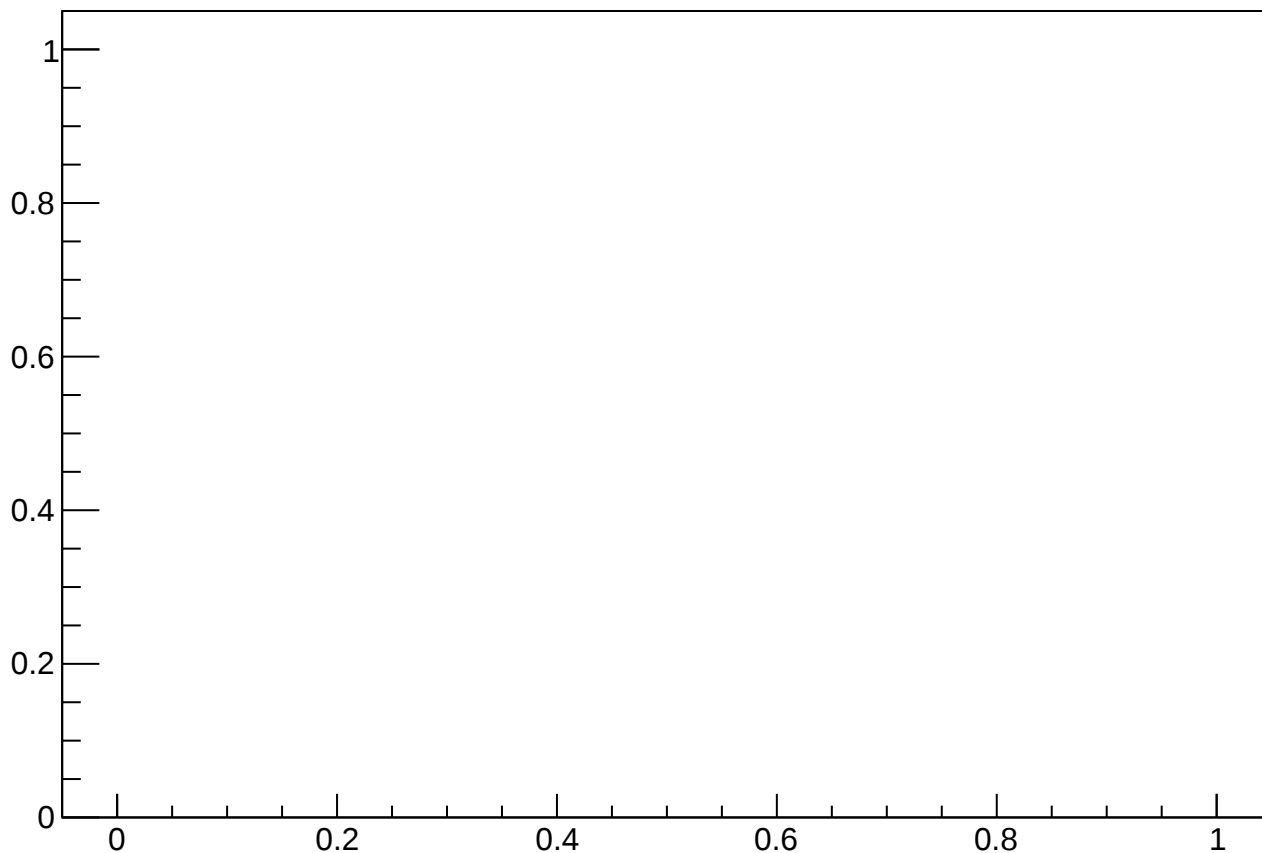
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

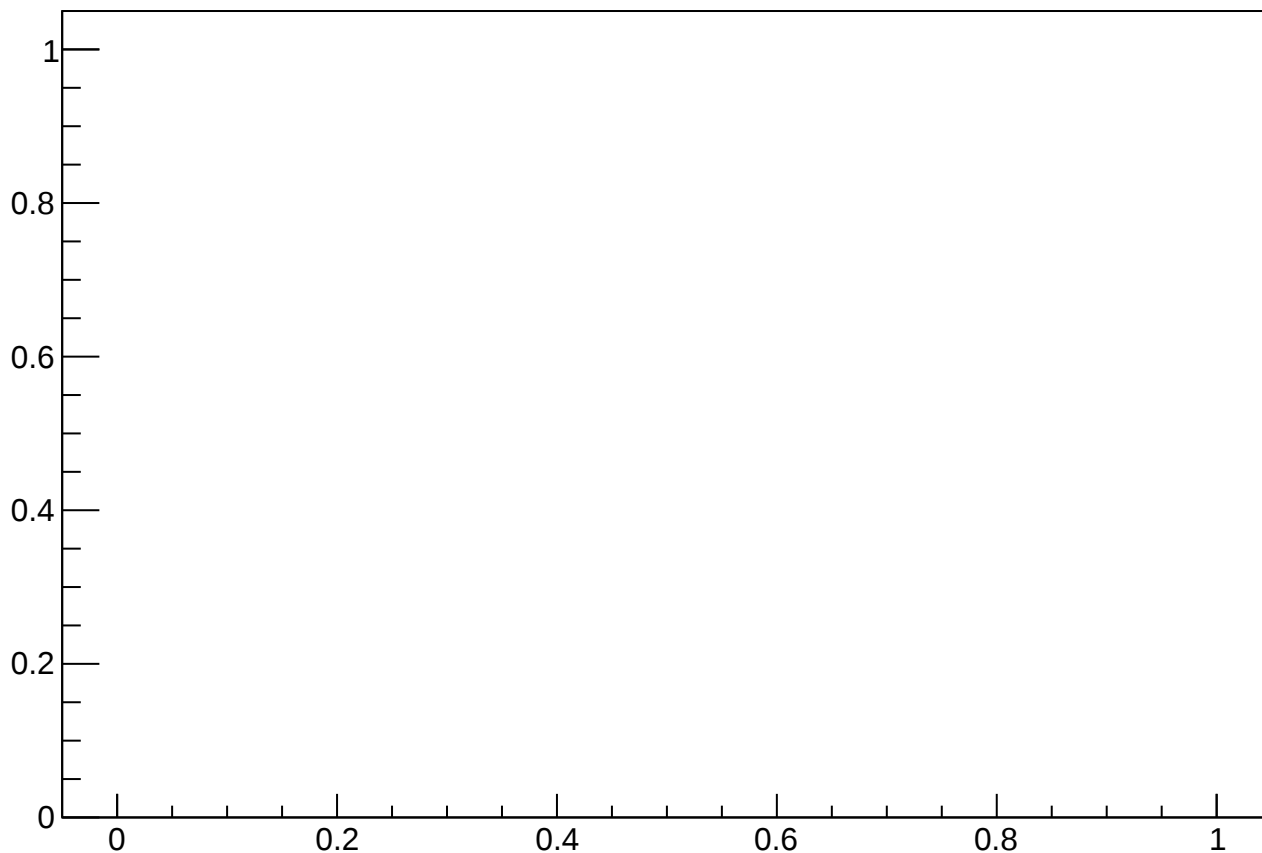
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

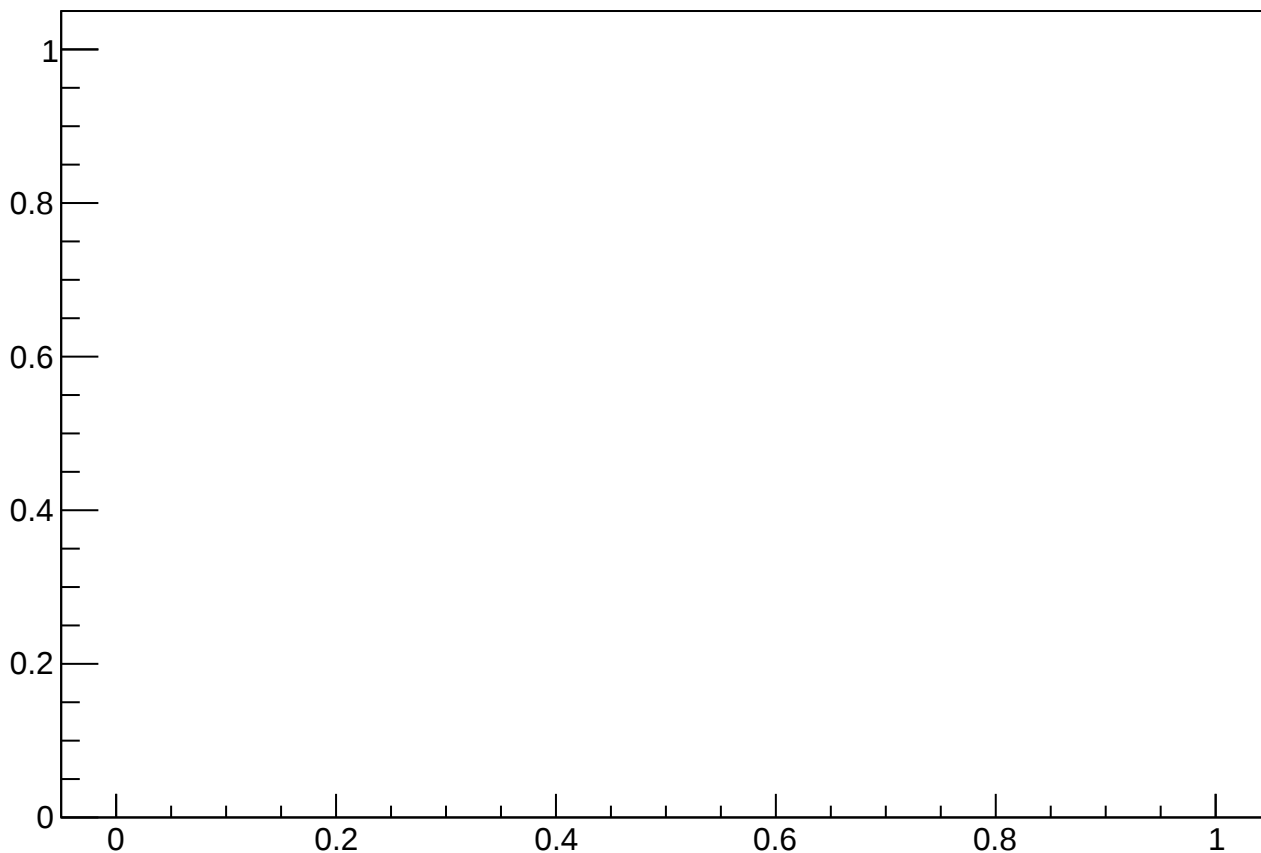
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

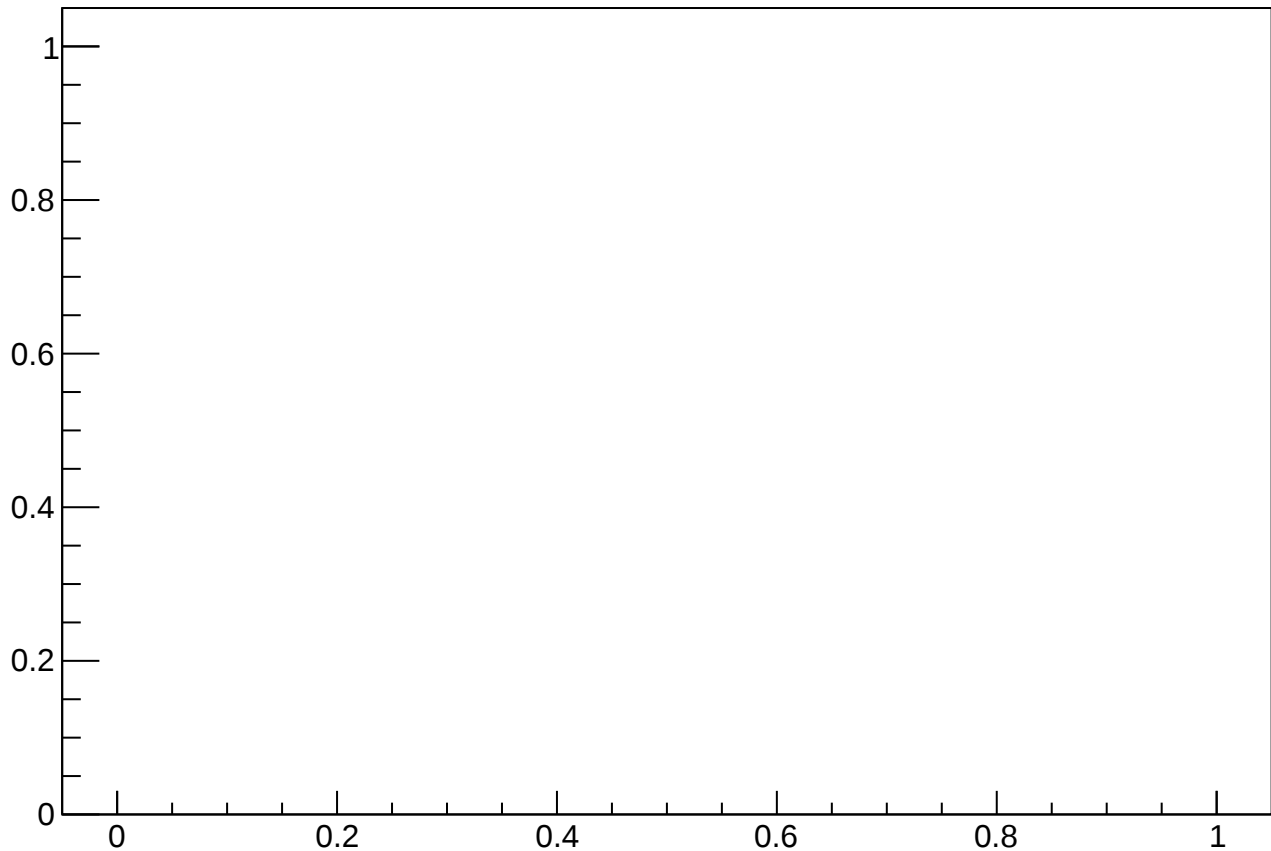
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

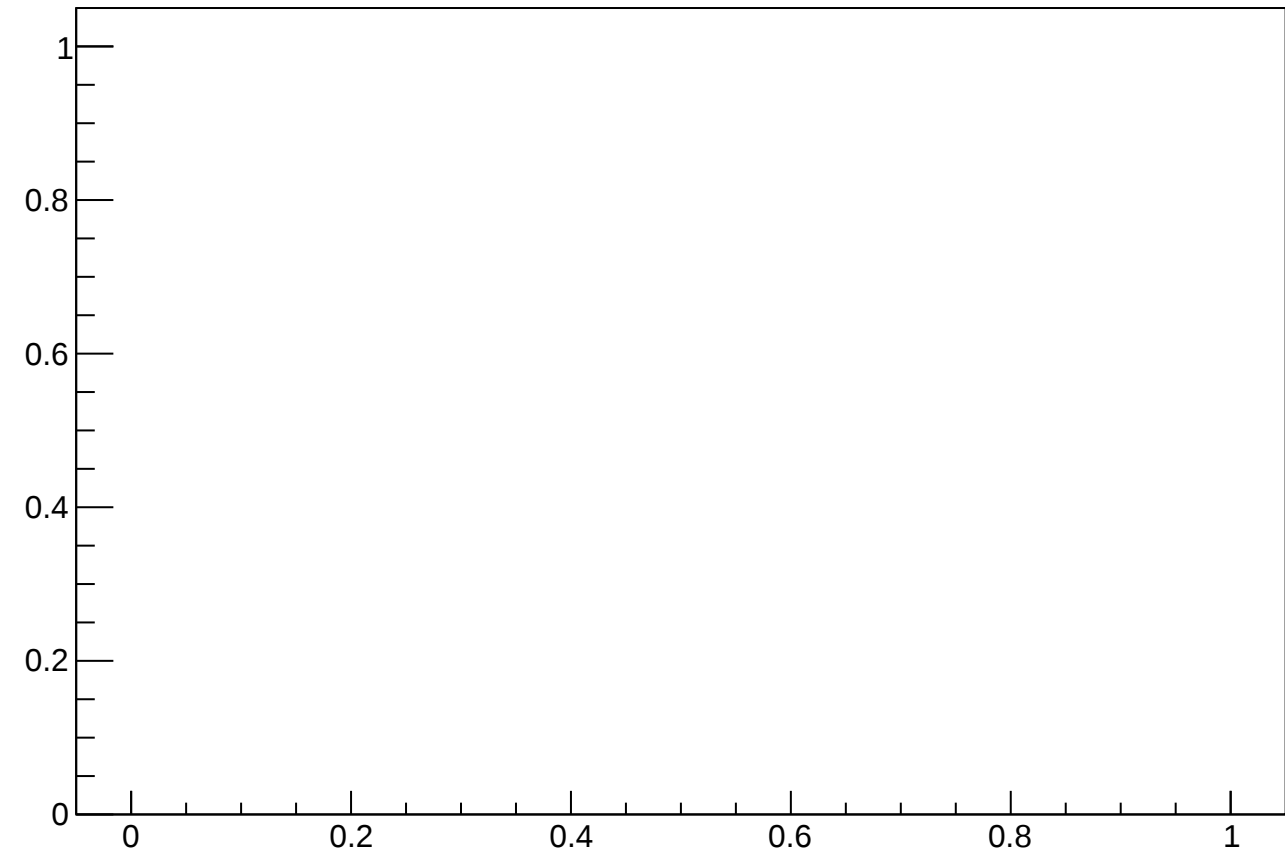
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

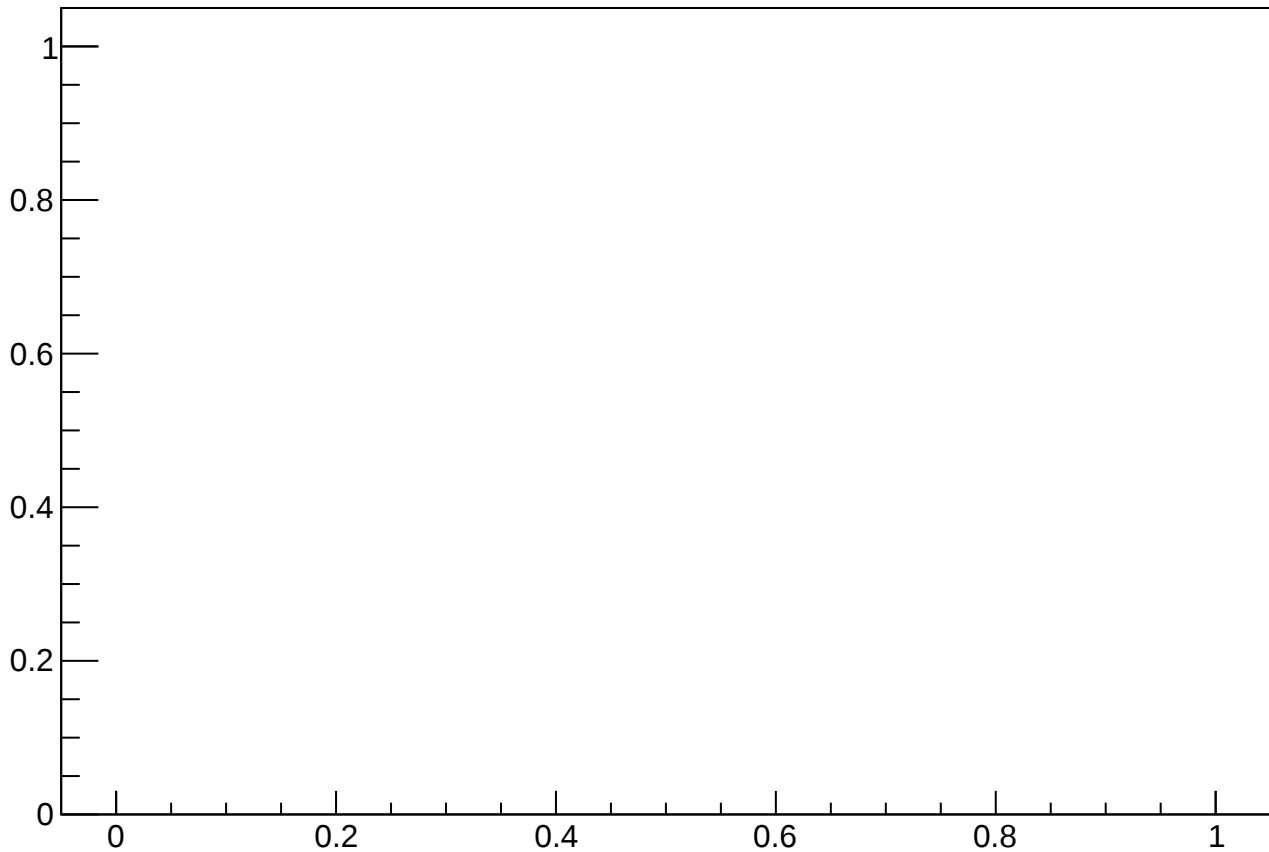
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

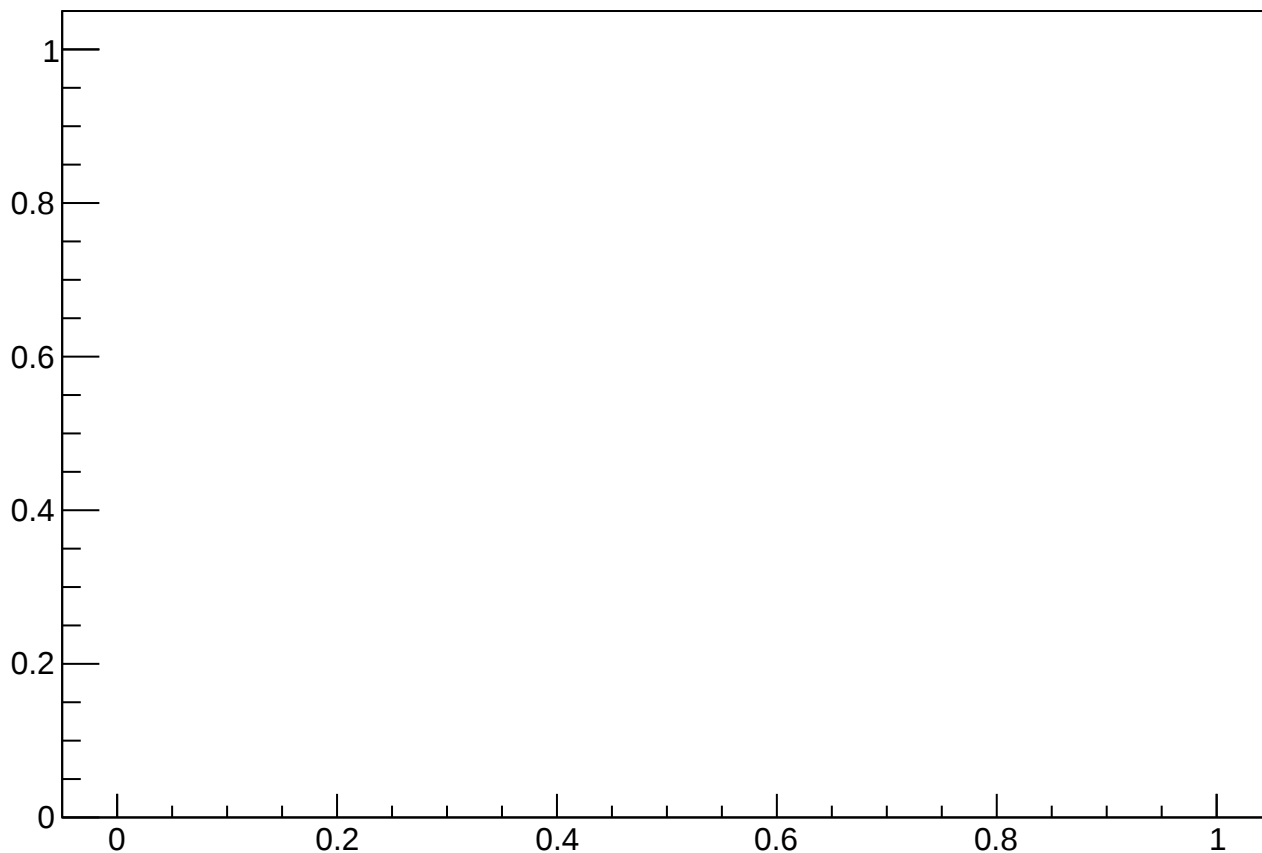
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

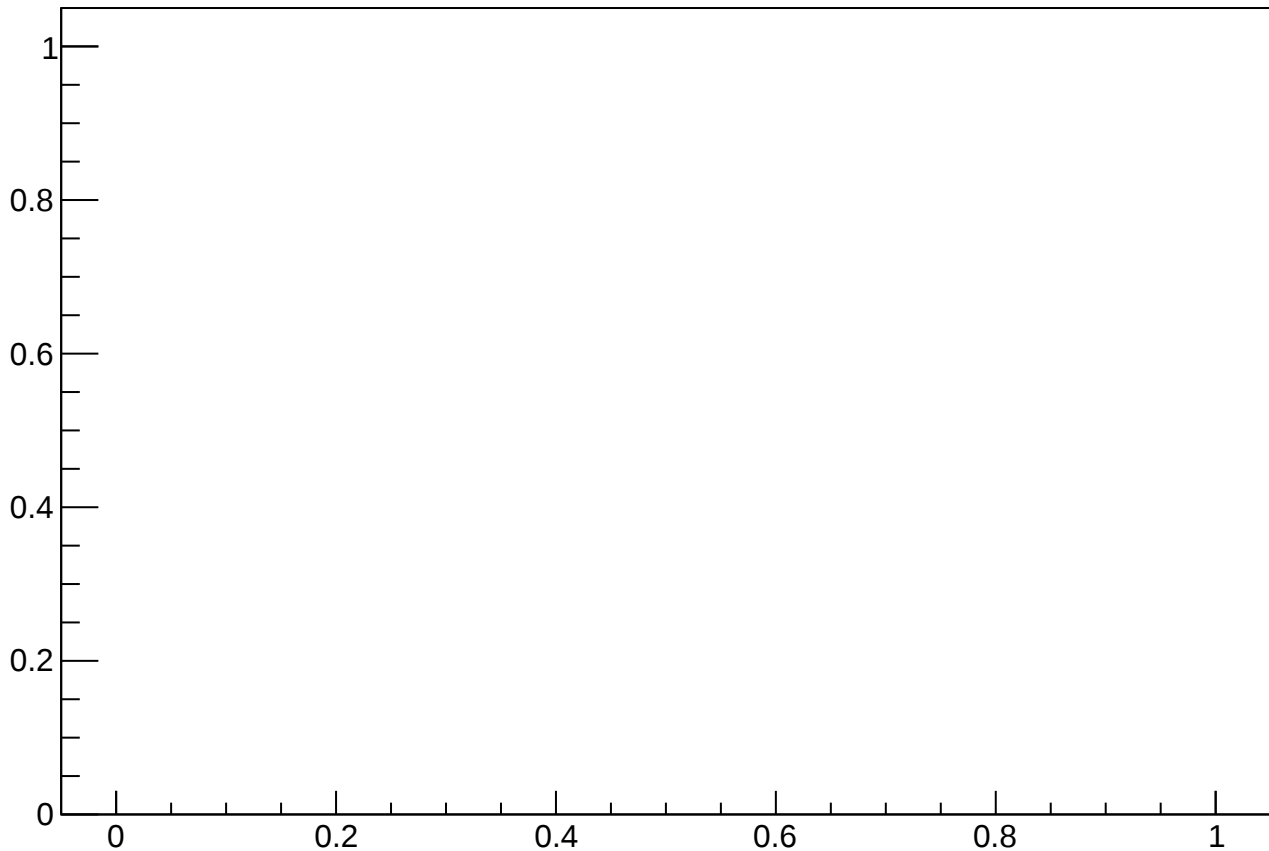
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

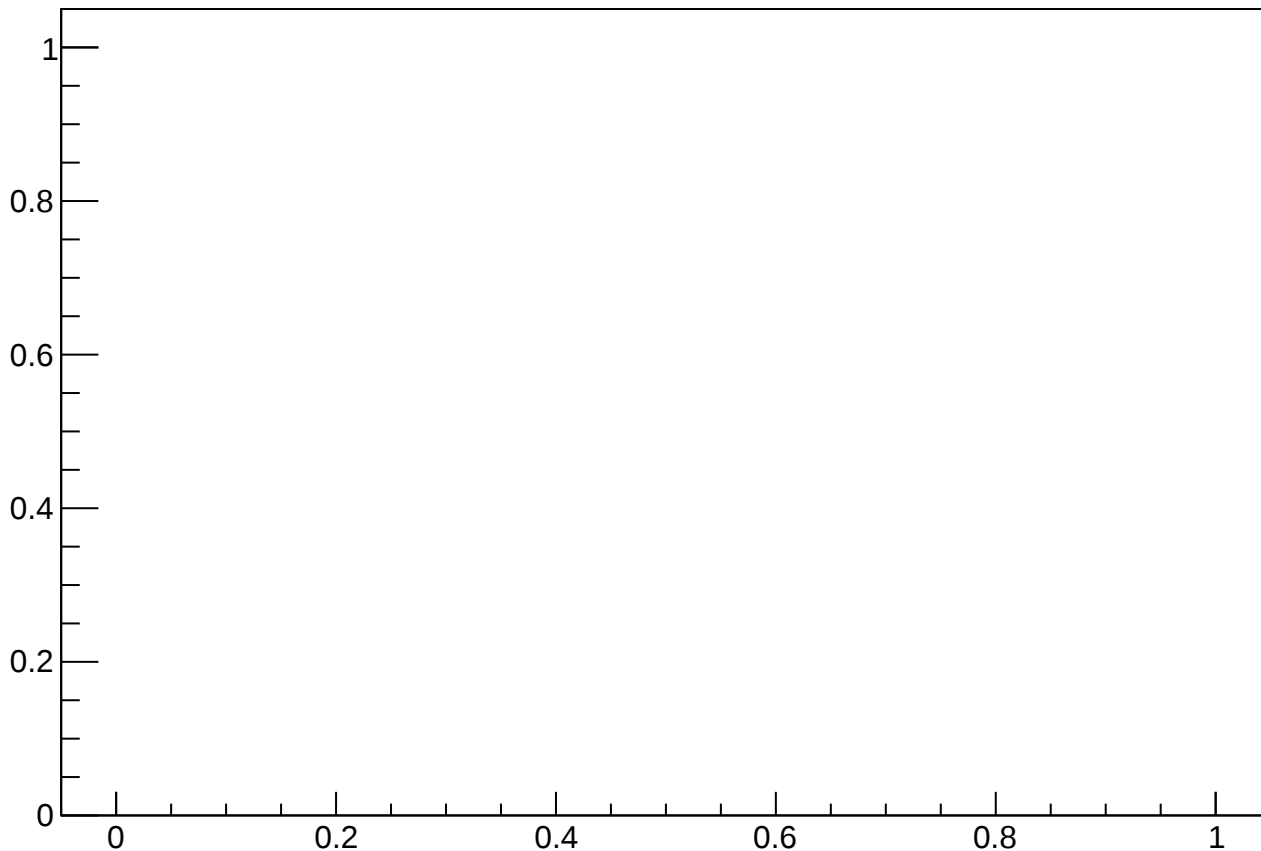
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

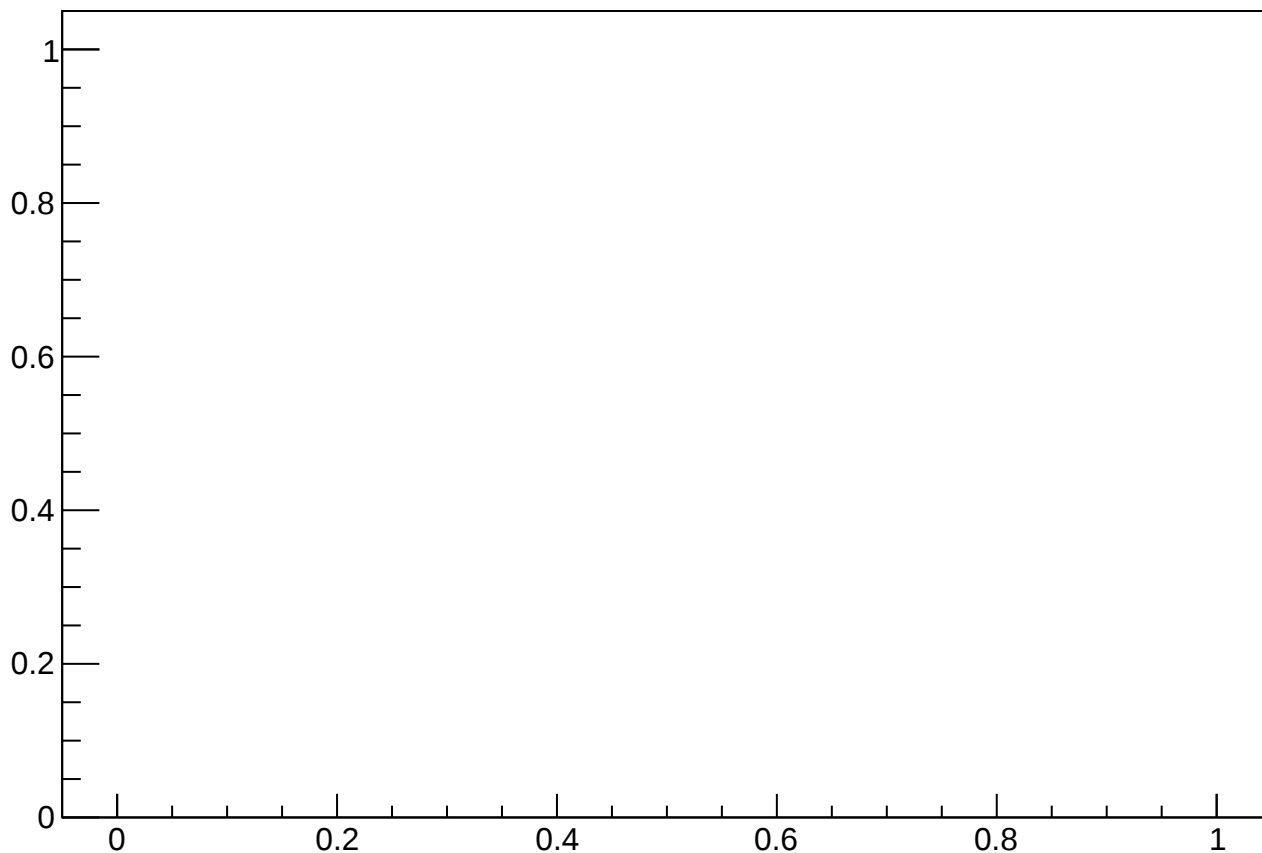
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

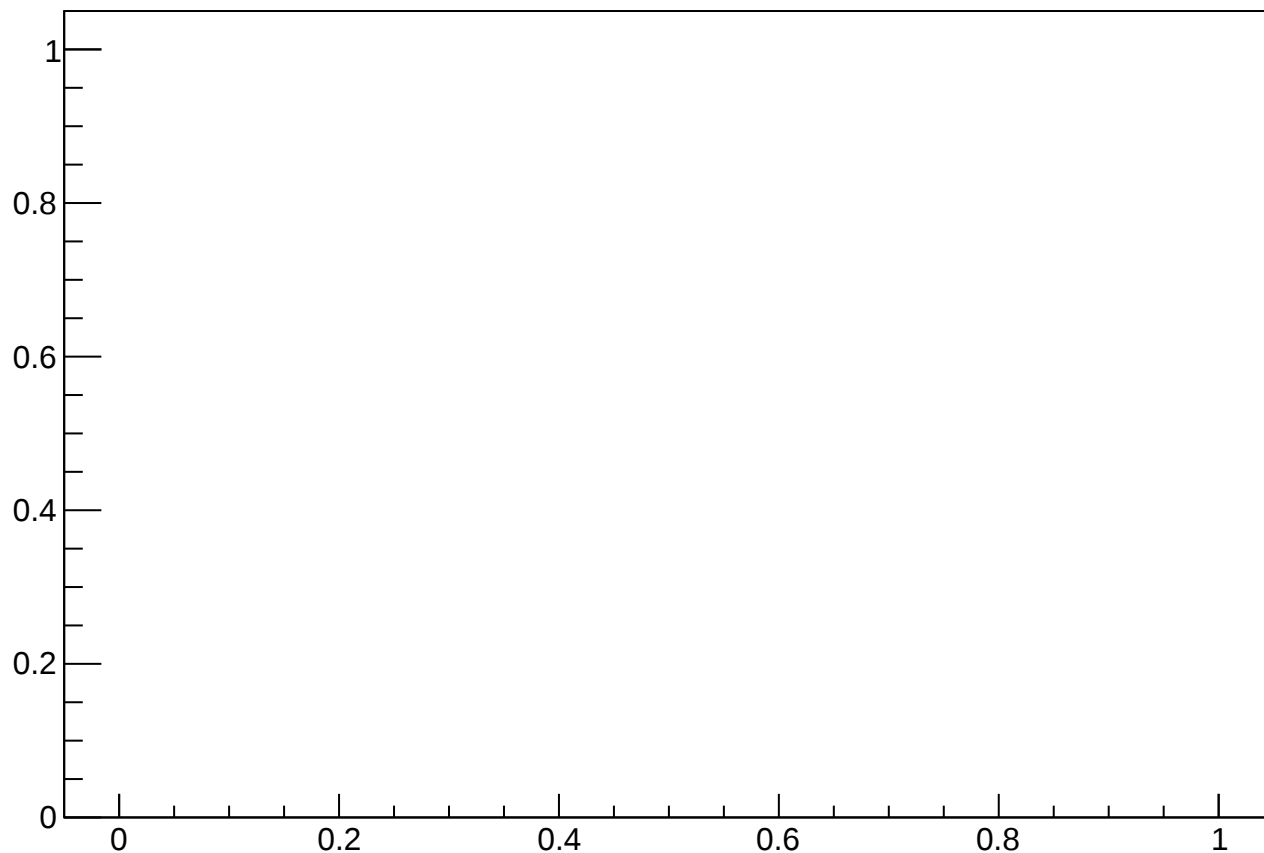
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

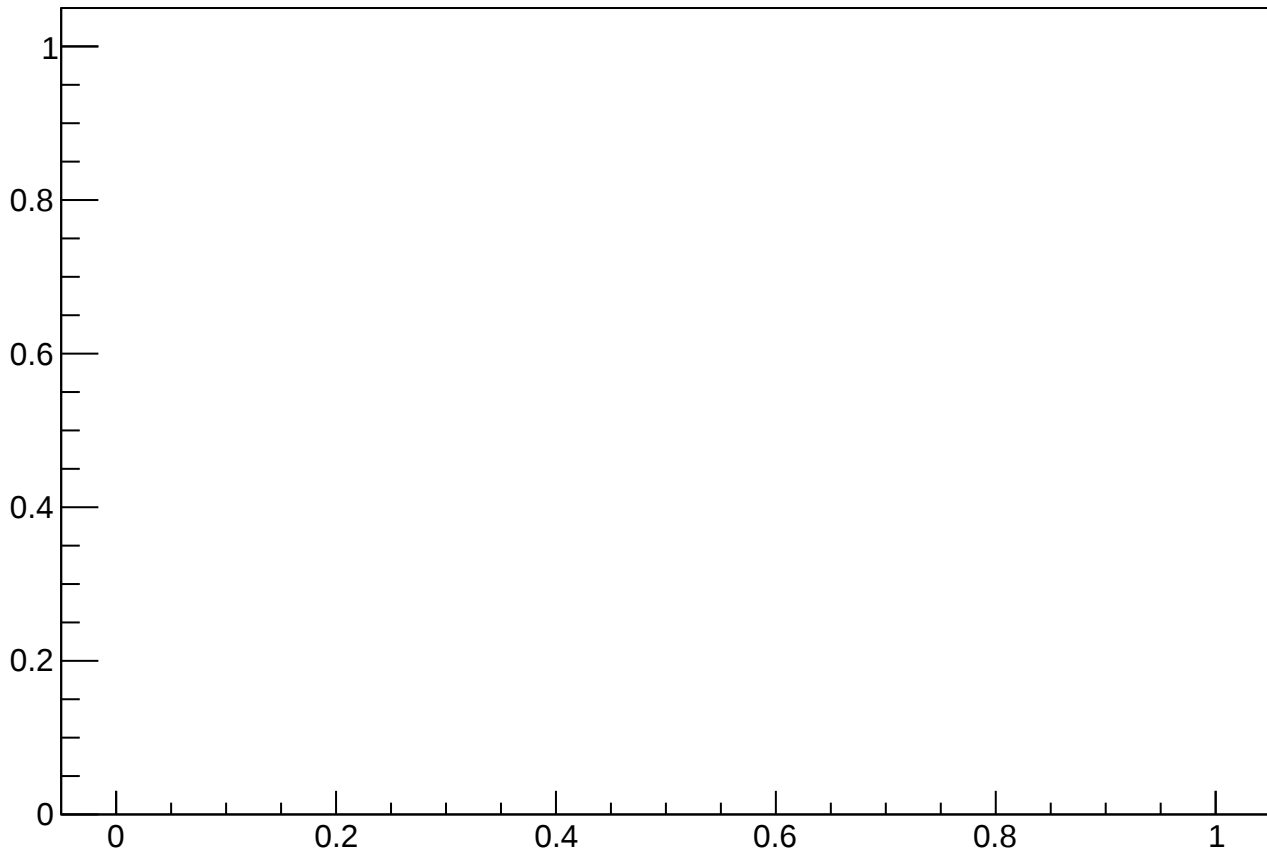
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

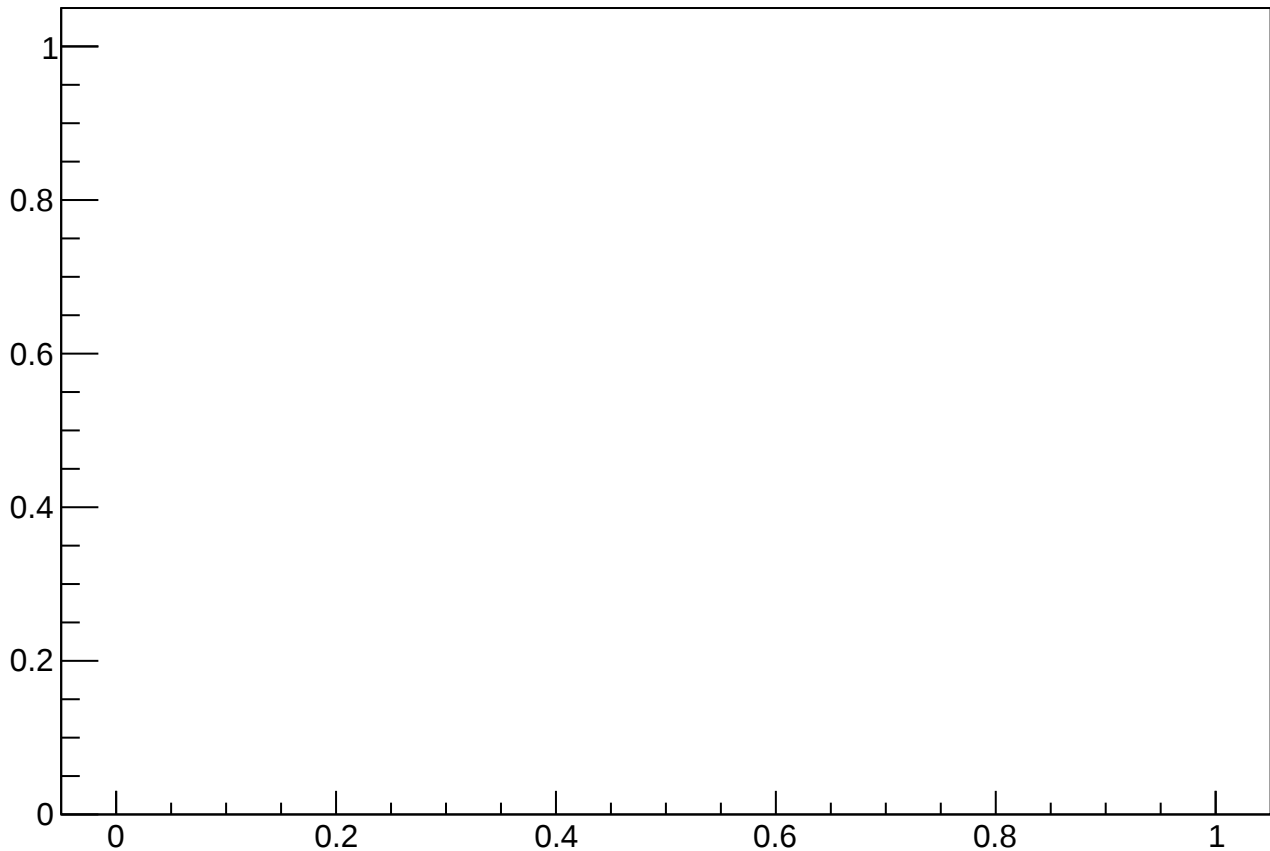
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

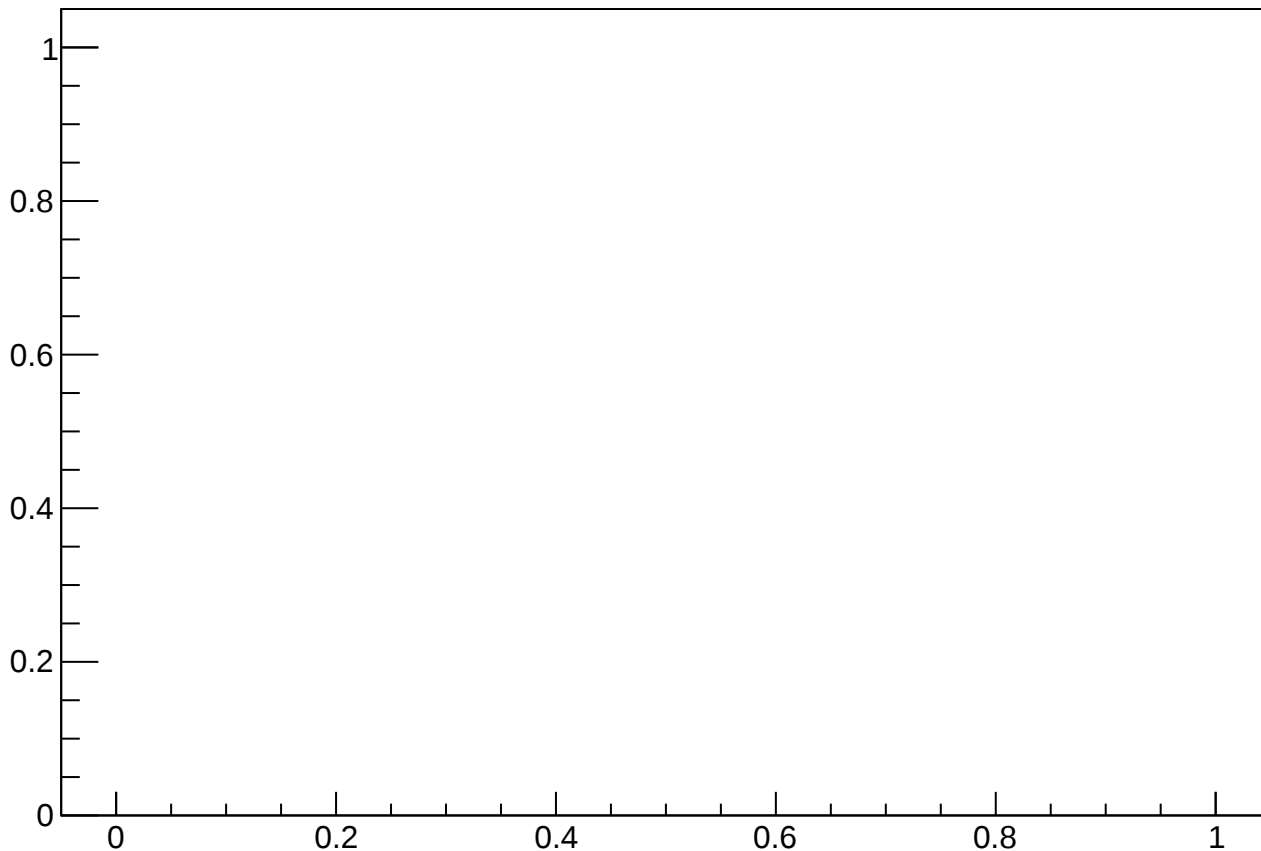
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

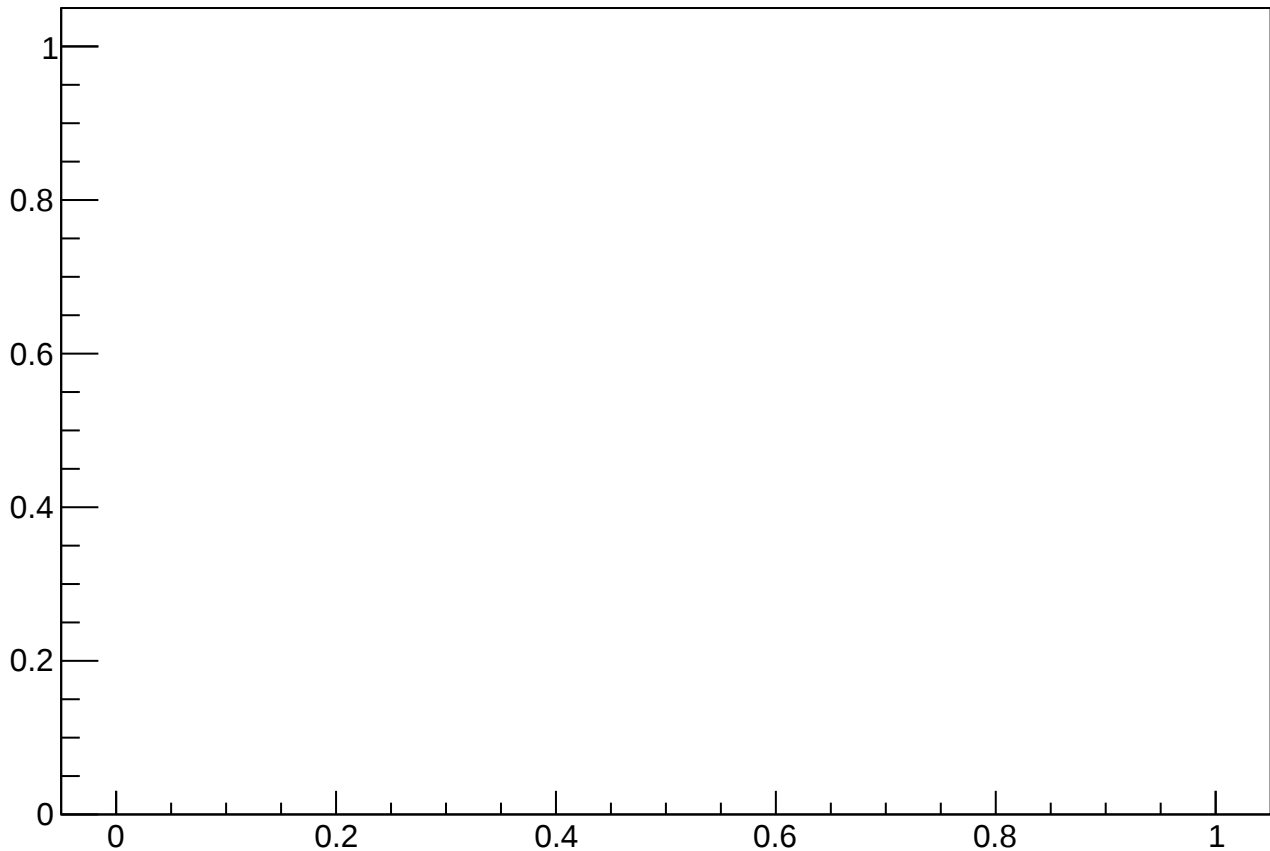
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

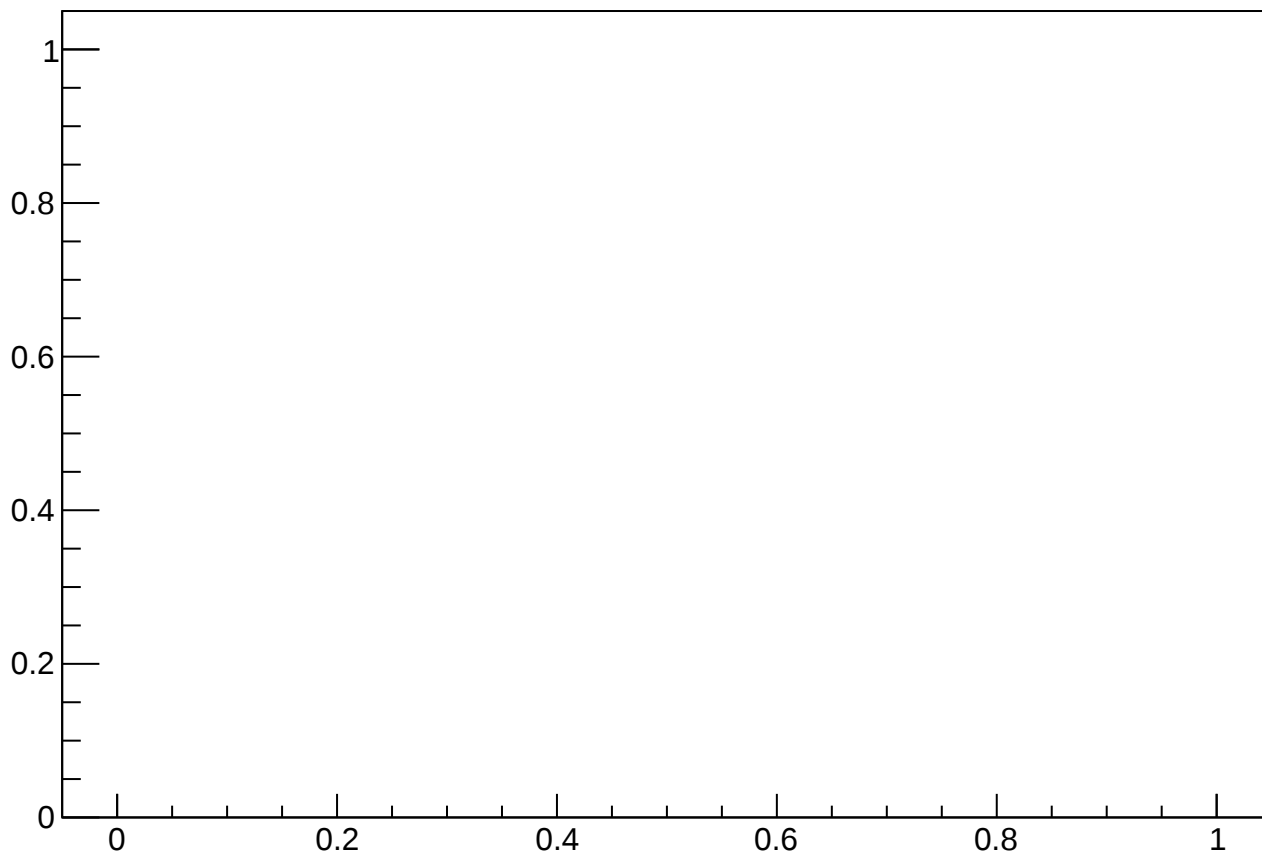
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

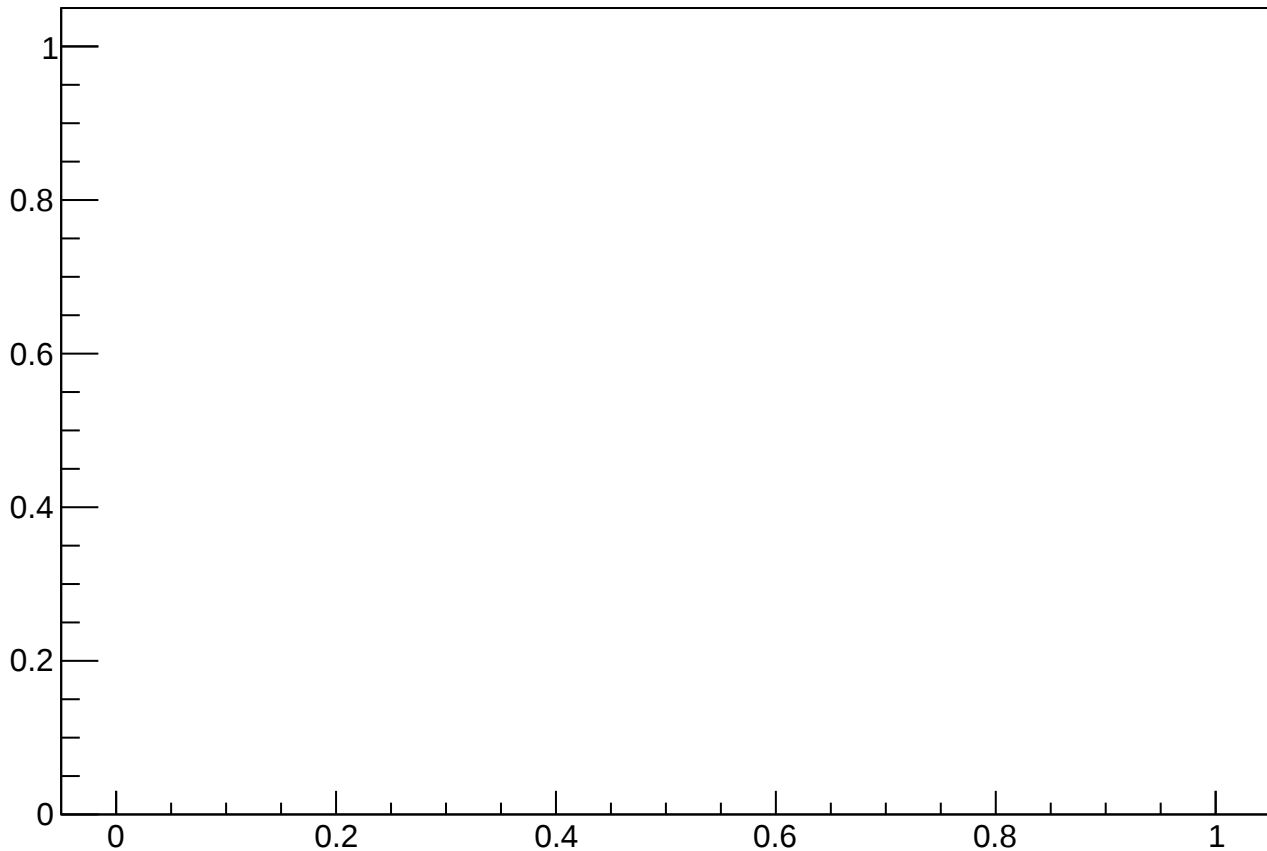
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

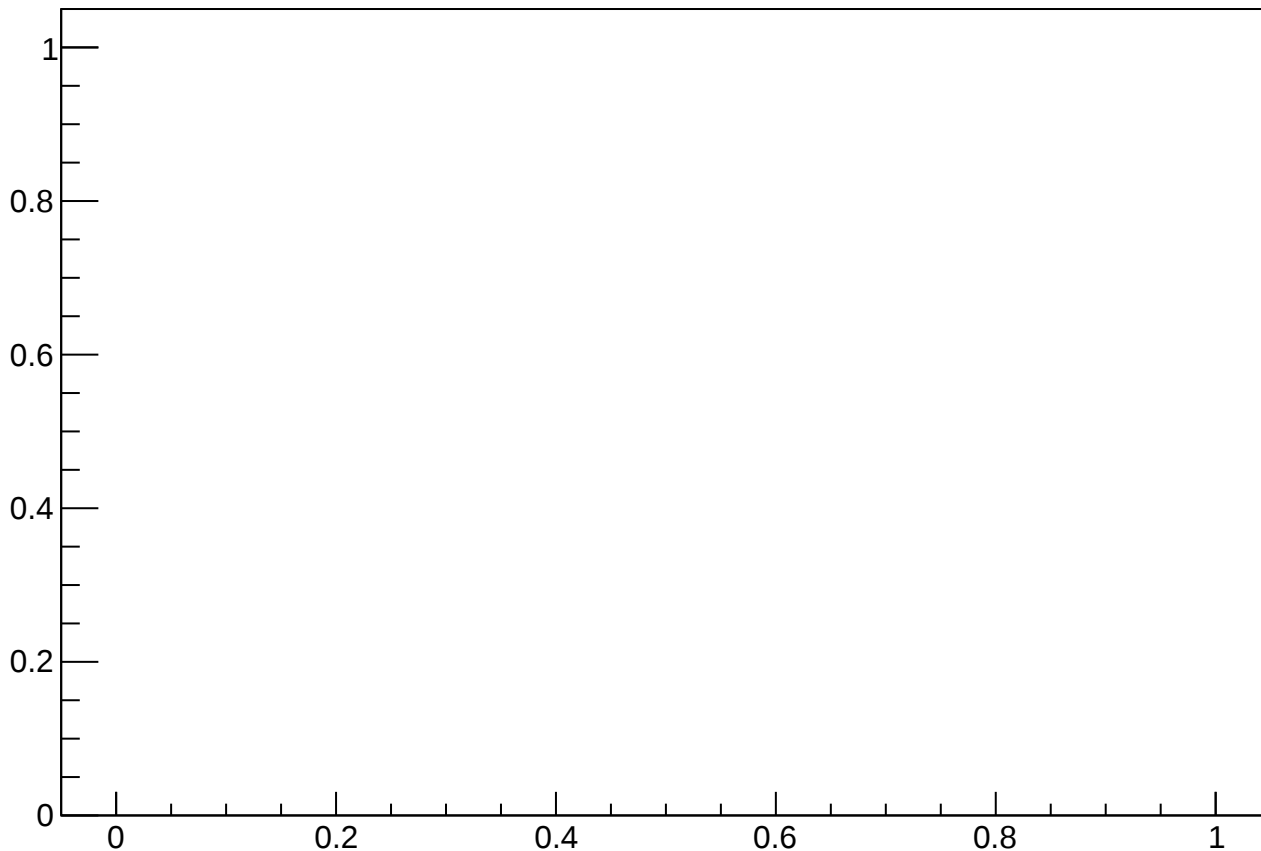
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

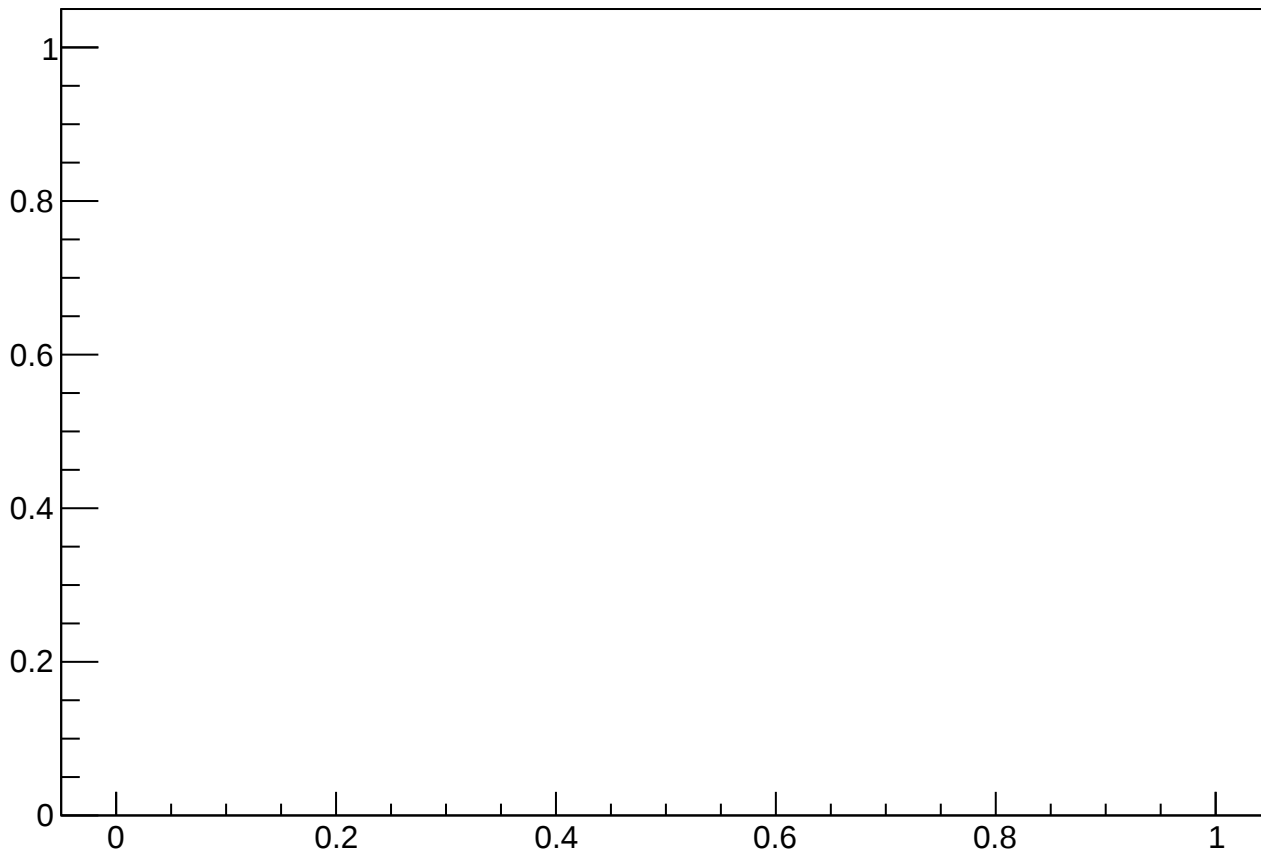
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

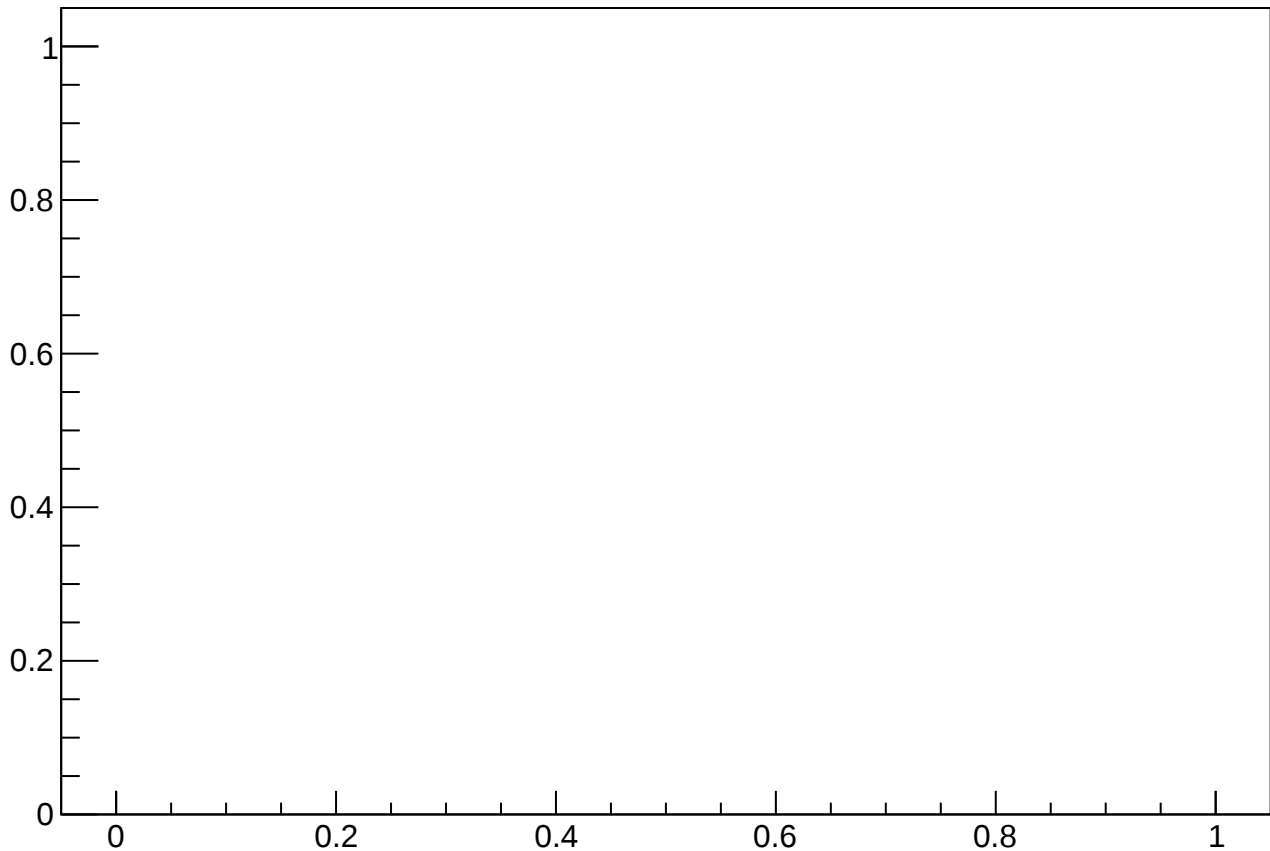
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

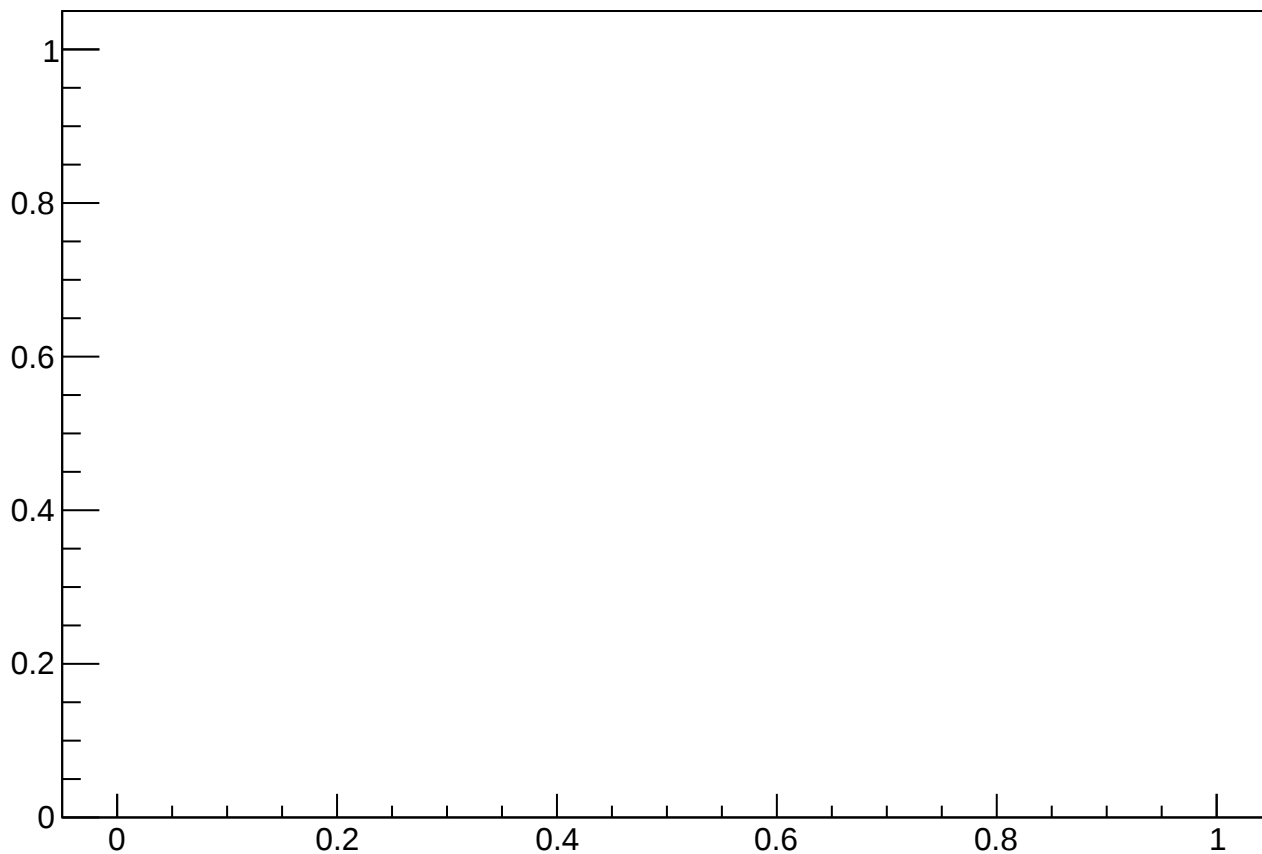
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

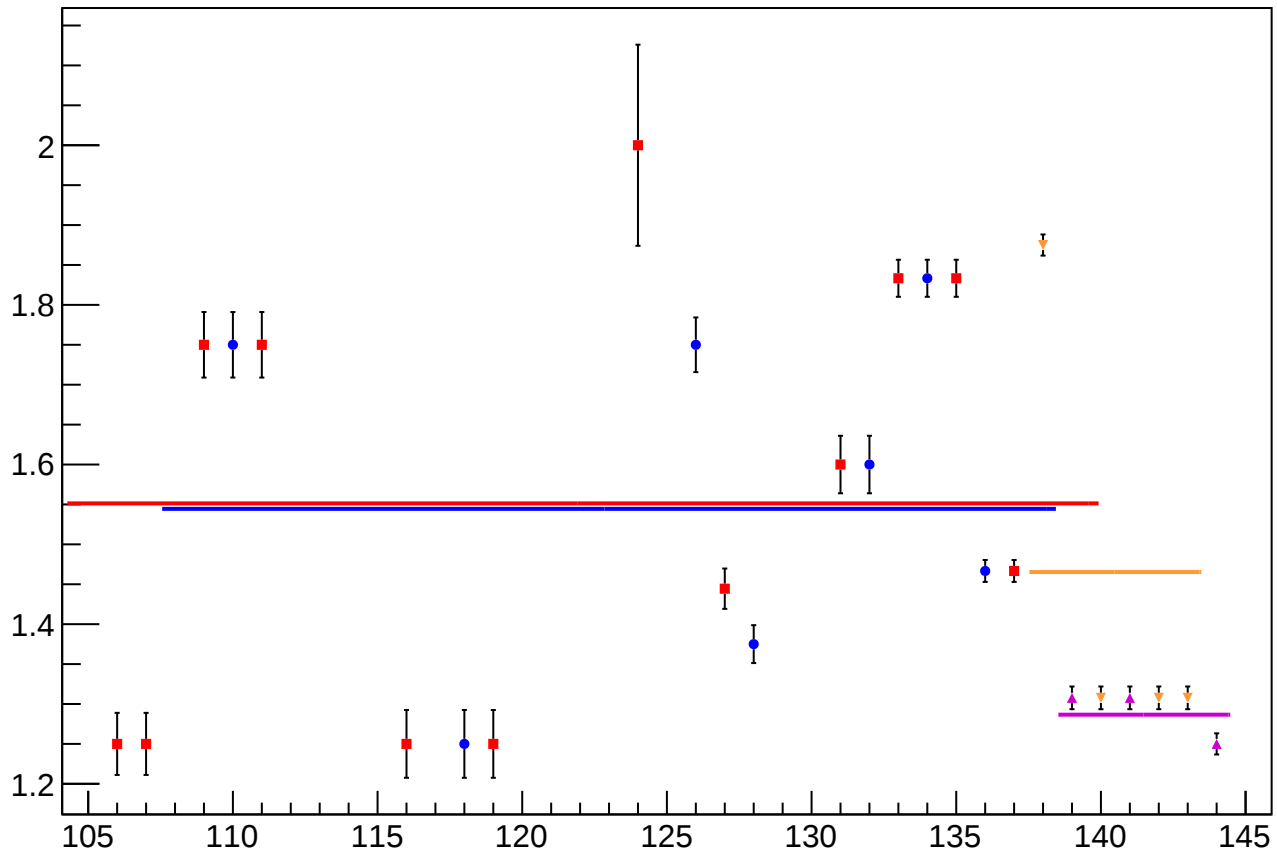
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.465+/-0.007 χ^2/NDF :1326.0/3

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.287+/-0.008 χ^2/NDF :12.0/2

Left: 1.388+/-0.005 χ^2/NDF : 1621.0/6

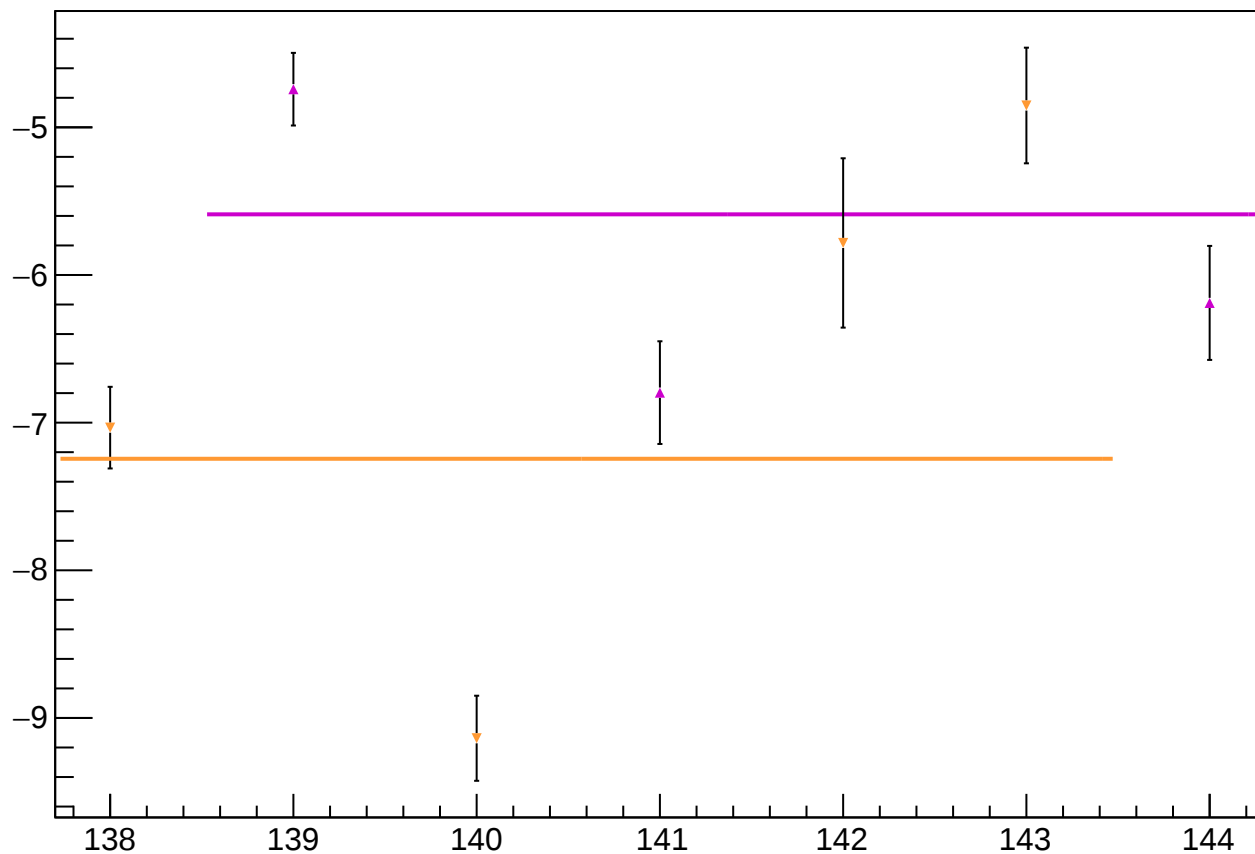
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.397+/-0.006 χ^2/NDF :806.2/9

Out: 1.502+/-0.005 χ^2/NDF :2023.8/15

All: 1.456+/-0.004 χ^2/NDF : 2998.5/25

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: -5.589+/-0.178 χ^2/NDF :26.3/2

Left: -6.457+/-0.123 χ^2/NDF : 159.2/6

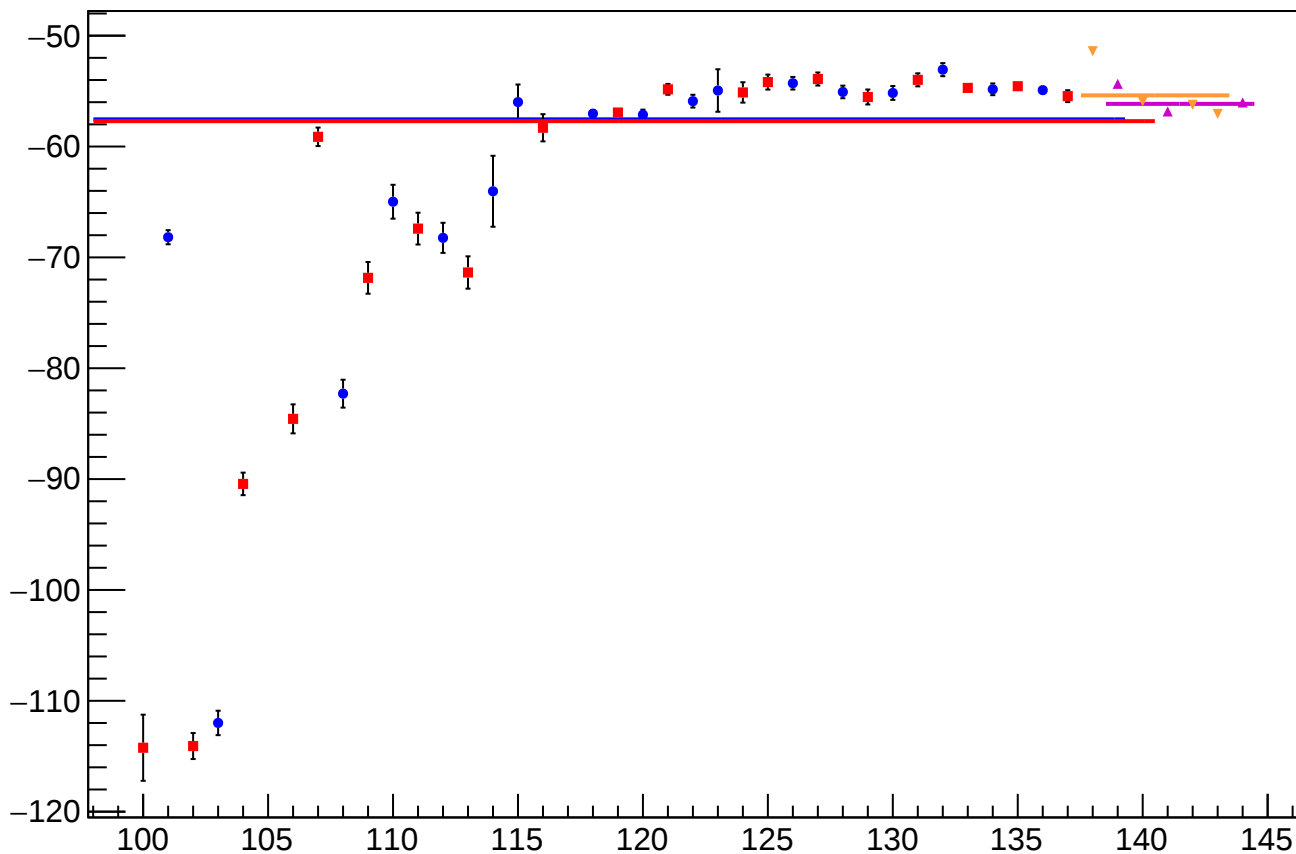
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.589+/-0.178 χ^2/NDF :26.3/2

Out: -7.245+/-0.170 χ^2/NDF :87.6/3

All: -6.457+/-0.123 χ^2/NDF : 159.2/6

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -55.385 ± 0.145 χ^2/NDF : 200.8/3

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -56.152 ± 0.172 χ^2/NDF : 24.2/2

Left: -55.703 ± 0.111 χ^2/NDF : 236.6/6

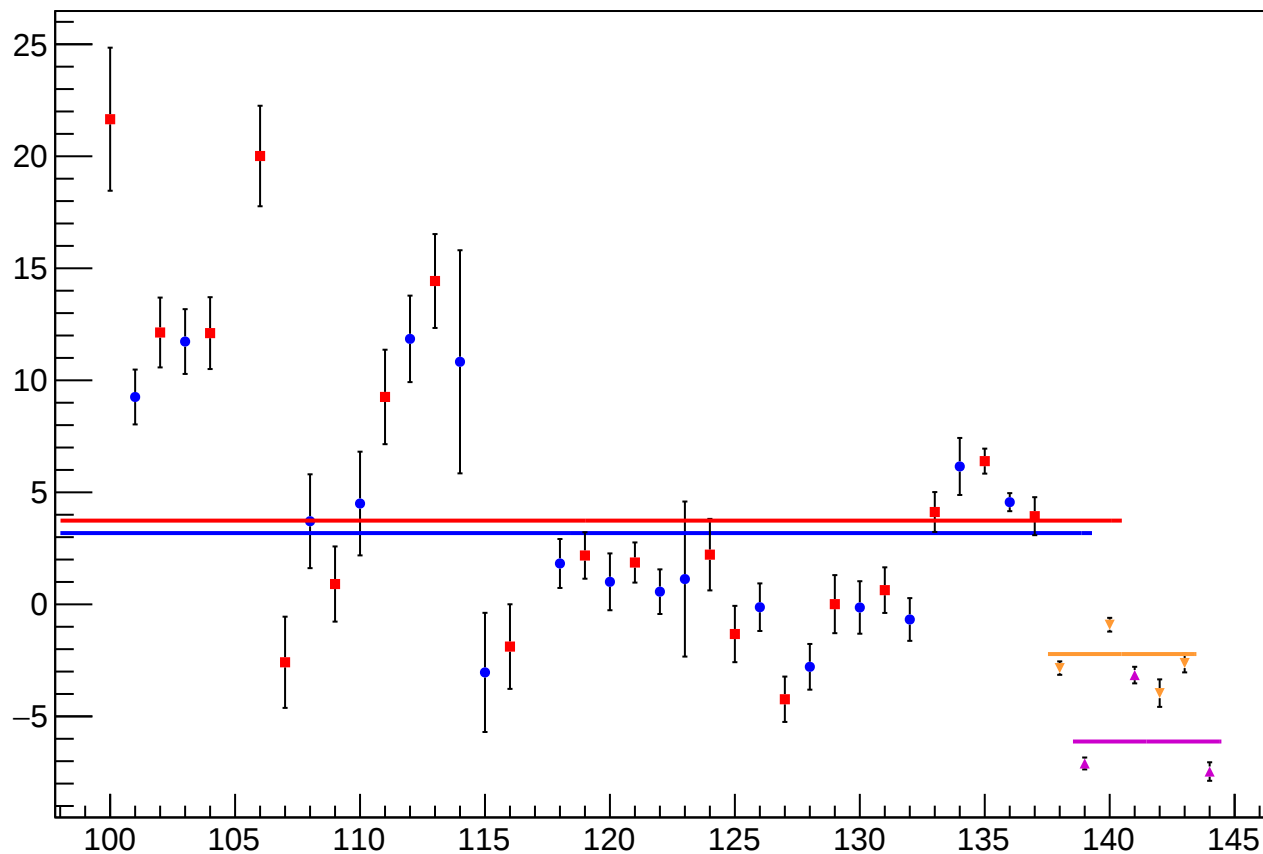
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -56.984 ± 0.109 χ^2/NDF : 3524.0/19

Out: -56.563 ± 0.102 χ^2/NDF : 5035.4/22

All: -56.759 ± 0.074 χ^2/NDF : 8567.4/42

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: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -6.122 ± 0.191 χ^2/NDF : 88.3/2

Left: -4.074 ± 0.132 χ^2/NDF : 338.0/6

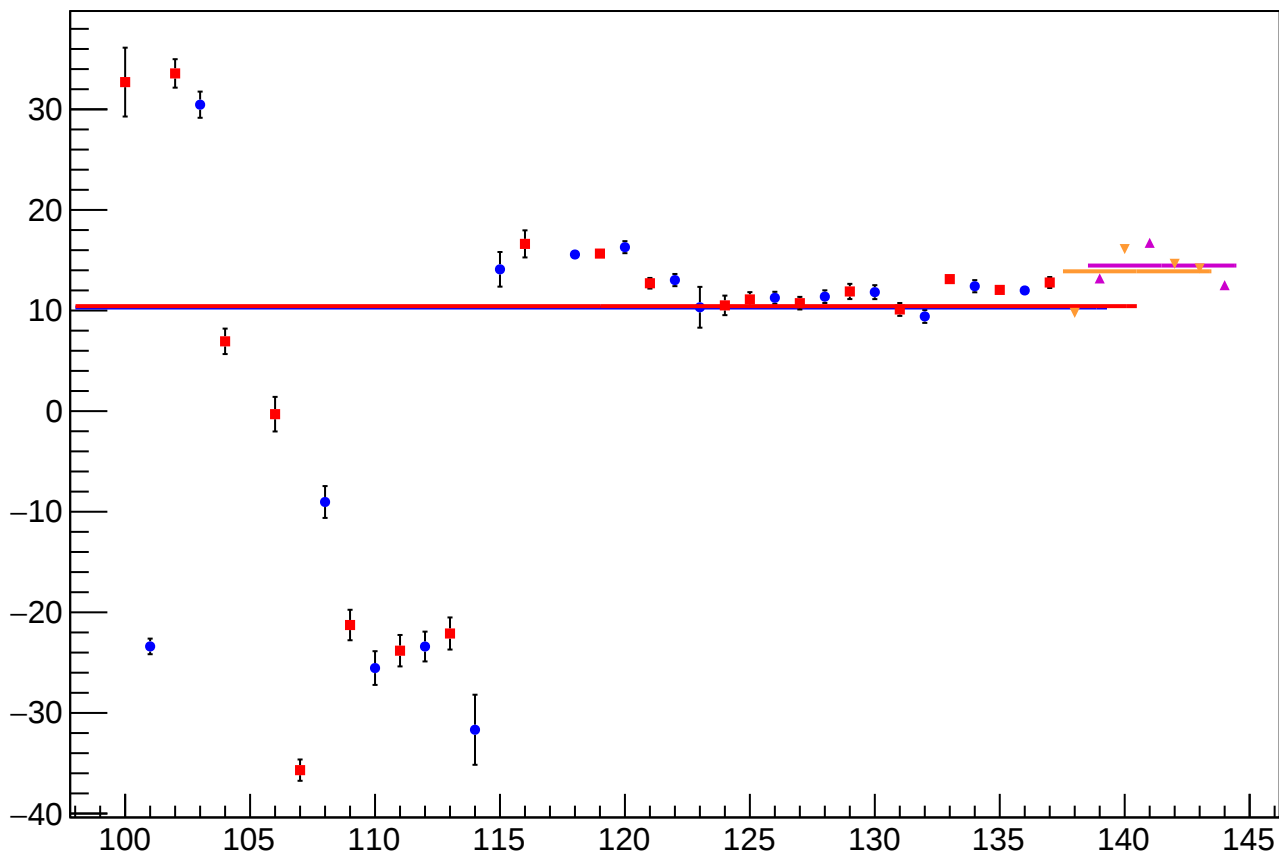
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -2.818 ± 0.154 χ^2/NDF : 1112.1/19

Out: -0.323 ± 0.151 χ^2/NDF : 691.9/22

All: -1.545 ± 0.108 χ^2/NDF : 1938.5/42

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2 /NDF: 3699.4/16

Left Out: 13.899+/-0.170 χ^2 /NDF:198.7/3

Right Out: 10.437+/-0.160 χ^2 /NDF: 3828.8/18

Left In: 14.472+/-0.197 χ^2 /NDF:101.0/2

Left: 14.144+/-0.129 χ^2 /NDF: 304.5/6

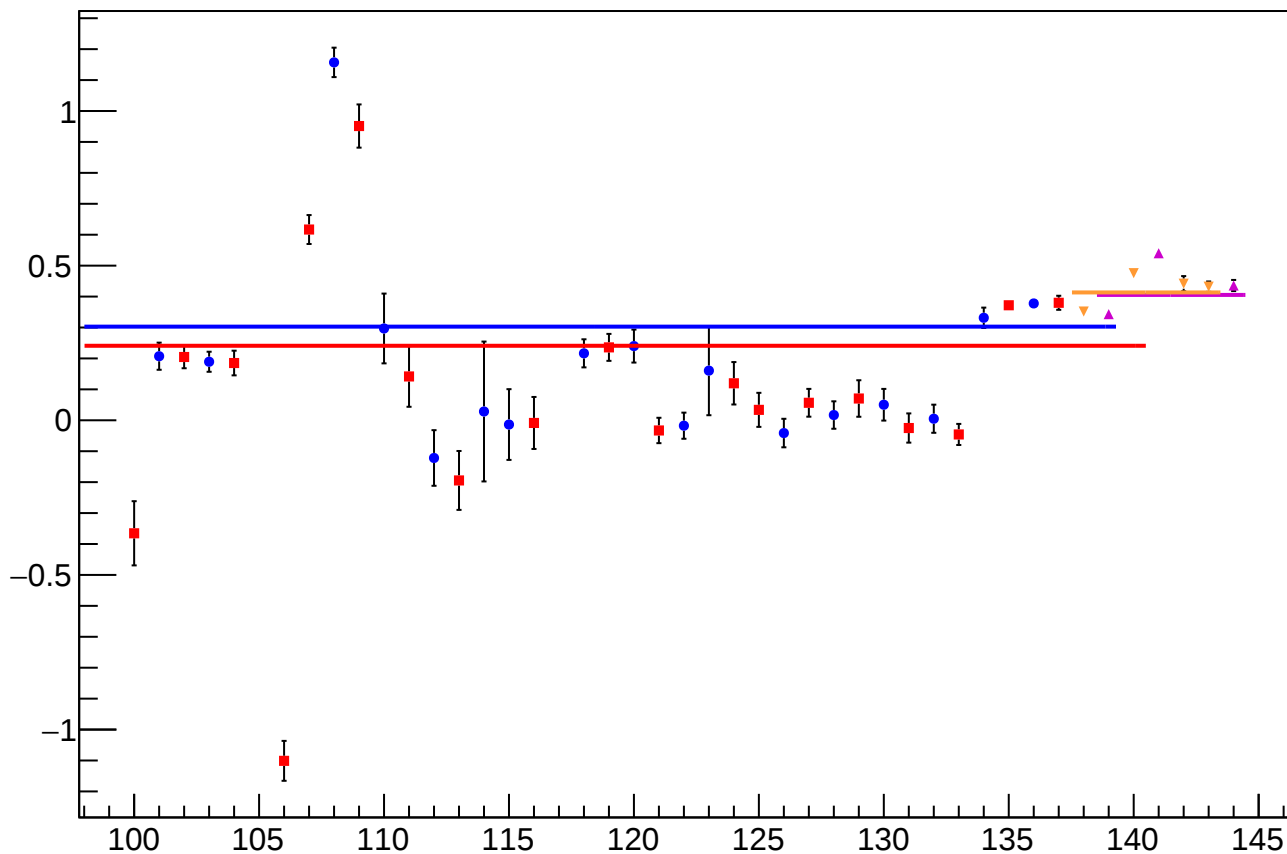
Right: 10.368+/-0.112 χ^2 /NDF: 7528.5/35

In: 11.923+/-0.123 χ^2 /NDF:4074.9/19

Out: 12.059+/-0.116 χ^2 /NDF:4247.6/22

All: 11.995+/-0.084 χ^2 /NDF: 8323.2/42

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.413 $\pm$ 0.007 χ^2 /NDF: 53.2/3

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.405 $\pm$ 0.007 χ^2 /NDF: 128.7/2

Left: 0.409 $\pm$ 0.005 χ^2 /NDF: 182.5/6

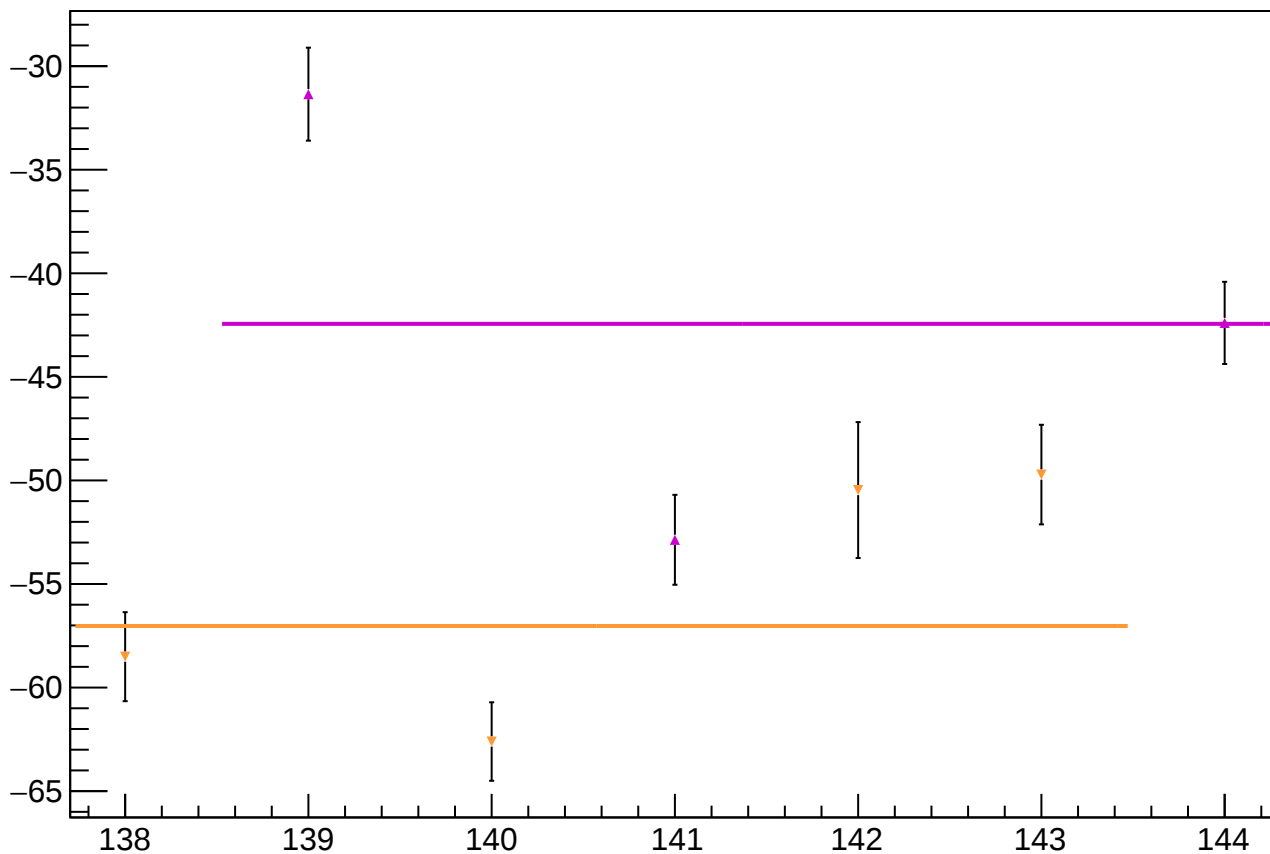
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.360 $\pm$ 0.005 χ^2 /NDF: 863.5/19

Out: 0.339 $\pm$ 0.006 χ^2 /NDF: 1277.4/22

All: 0.350 $\pm$ 0.004 χ^2 /NDF: 2148.1/42

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: -42.441+/-1.226 χ^2/NDF :47.5/2

Left: -50.225+/-0.838 χ^2/NDF : 145.3/6

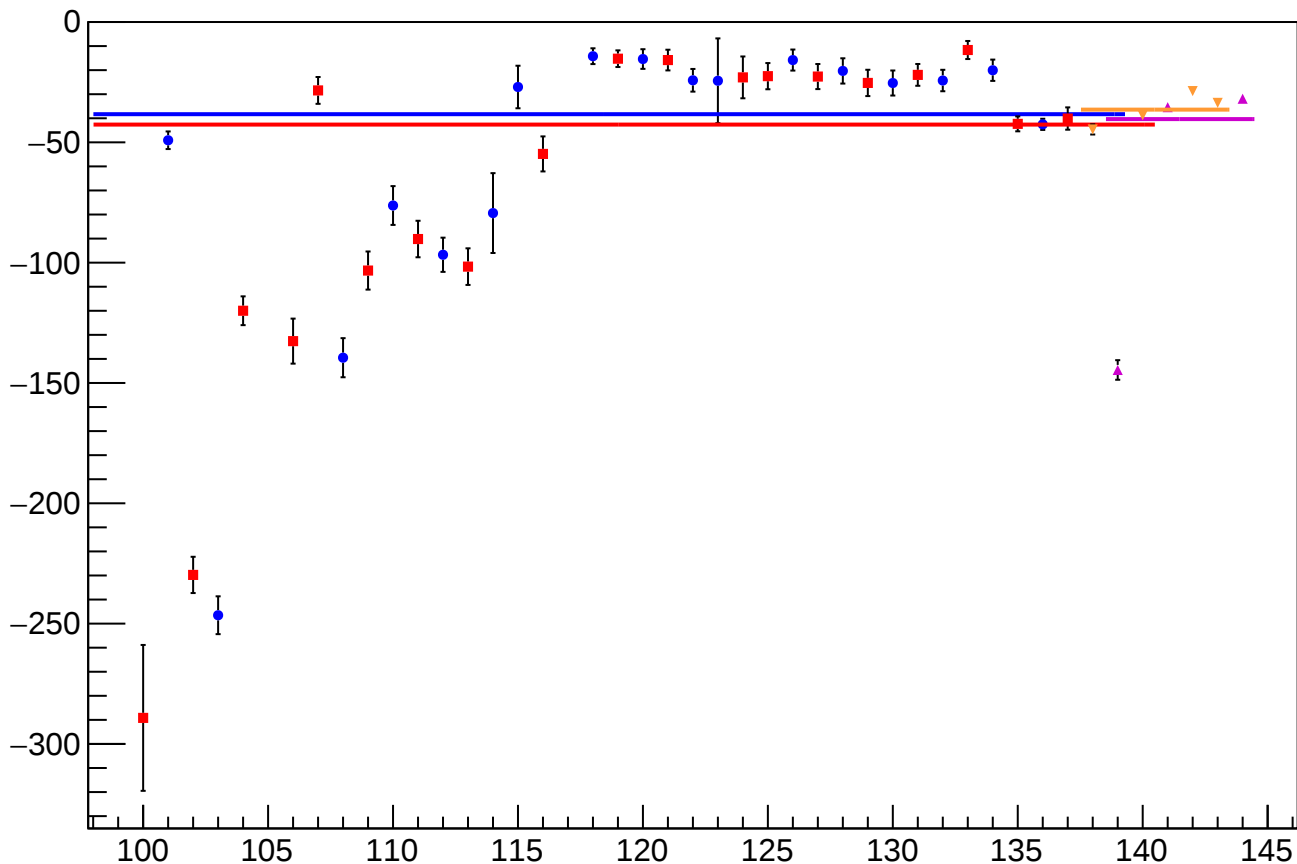
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.441+/-1.226 χ^2/NDF :47.5/2

Out: -57.028+/-1.146 χ^2/NDF :22.4/3

All: -50.225+/-0.838 χ^2/NDF : 145.3/6

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: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -40.343 ± 1.011 $\chi^2/\text{NDF}: 701.6/2$

Left: -38.139 ± 0.671 $\chi^2/\text{NDF}: 744.4/6$

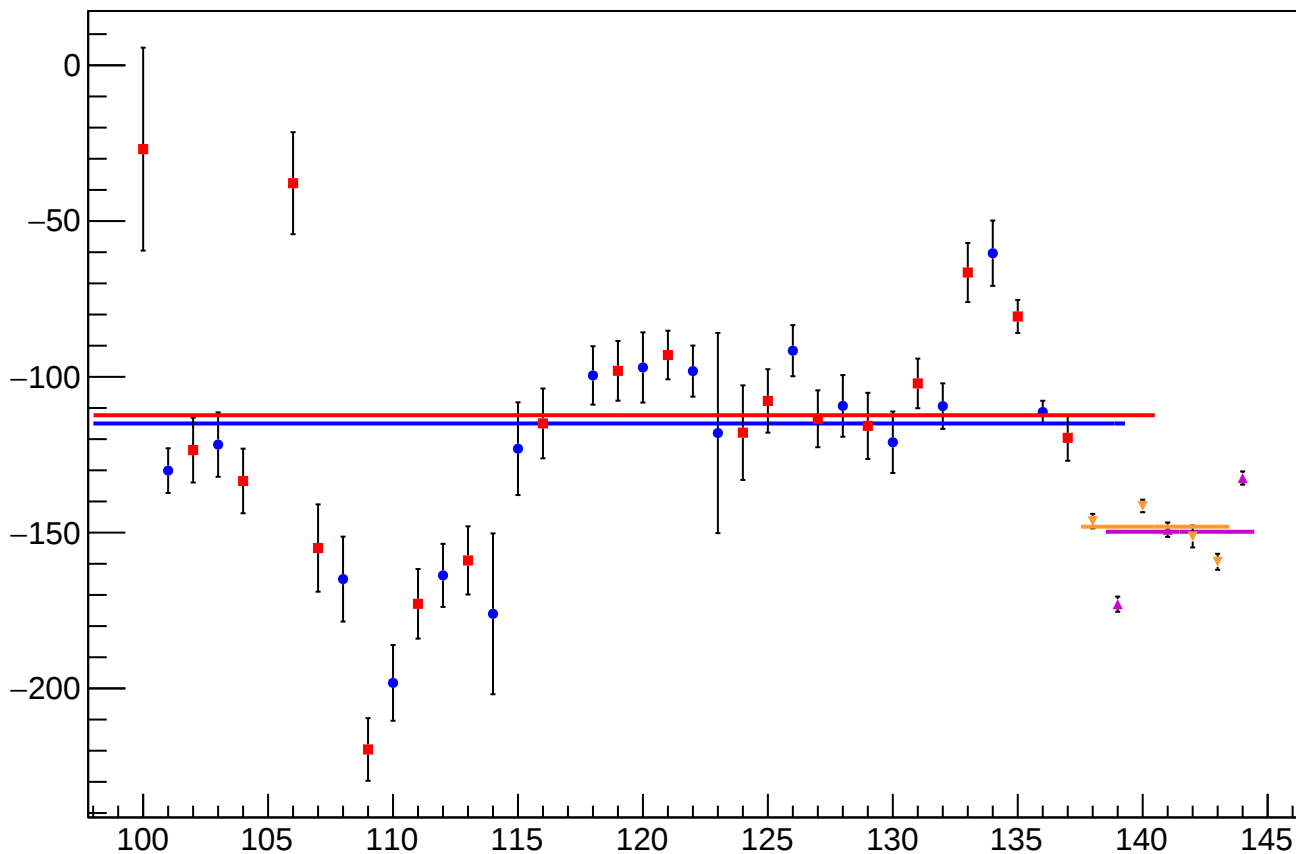
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -39.443 ± 0.756 $\chi^2/\text{NDF}: 1836.2/19$

Out: -38.613 ± 0.720 $\chi^2/\text{NDF}: 1395.8/22$

All: -39.008 ± 0.521 $\chi^2/\text{NDF}: 3232.6/42$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -148.105 ± 1.228 $\chi^2/\text{NDF}: 31.6/3$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -149.730 ± 1.314 $\chi^2/\text{NDF}: 157.6/2$

Left: -148.862 ± 0.897 $\chi^2/\text{NDF}: 190.1/6$

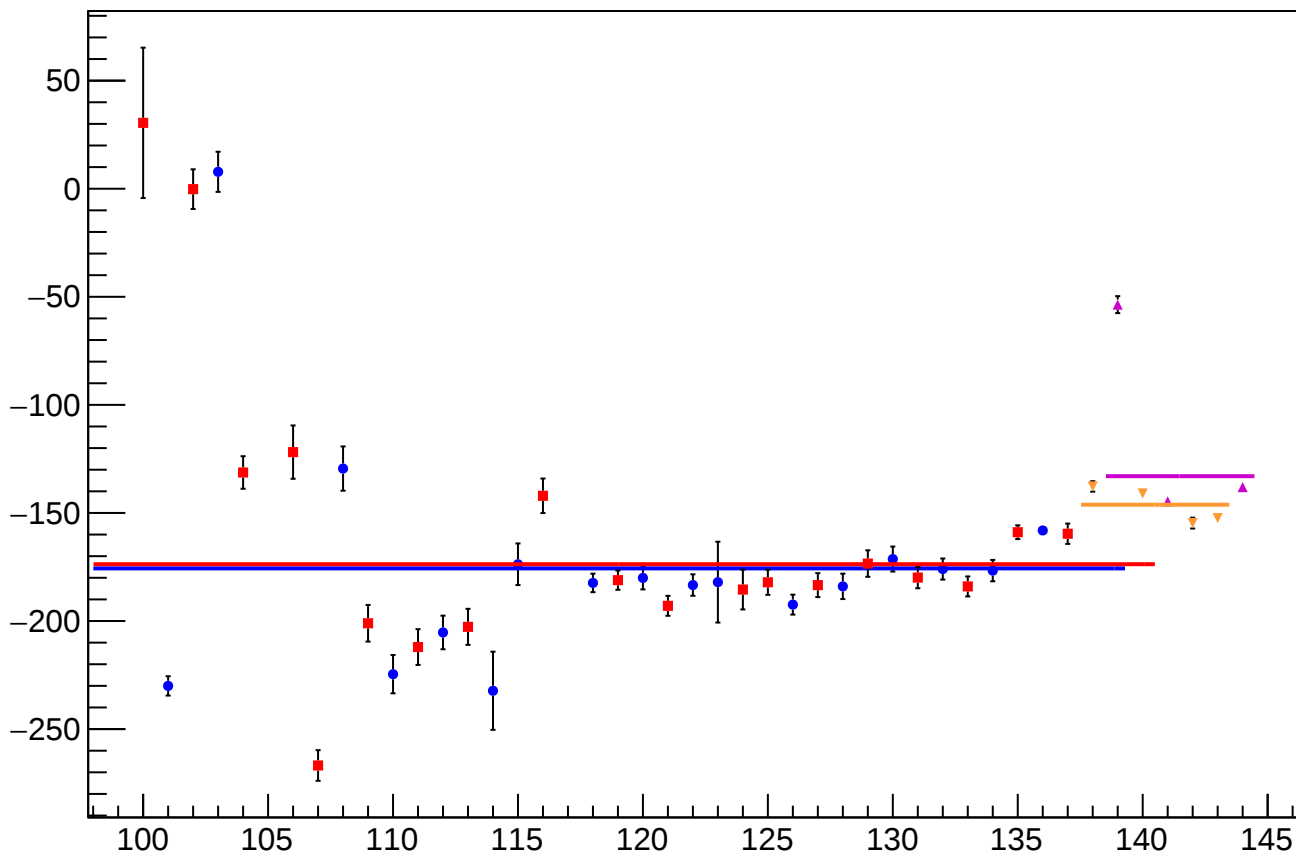
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -139.773 ± 1.110 $\chi^2/\text{NDF}: 499.4/19$

Out: -139.633 ± 1.073 $\chi^2/\text{NDF}: 506.6/22$

All: -139.701 ± 0.772 $\chi^2/\text{NDF}: 1006.0/42$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -146.191 ± 1.073 χ^2/NDF : 41.1/3

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -132.999 ± 1.188 χ^2/NDF : 458.1/2

Left: -140.269 ± 0.796 χ^2/NDF : 567.1/6

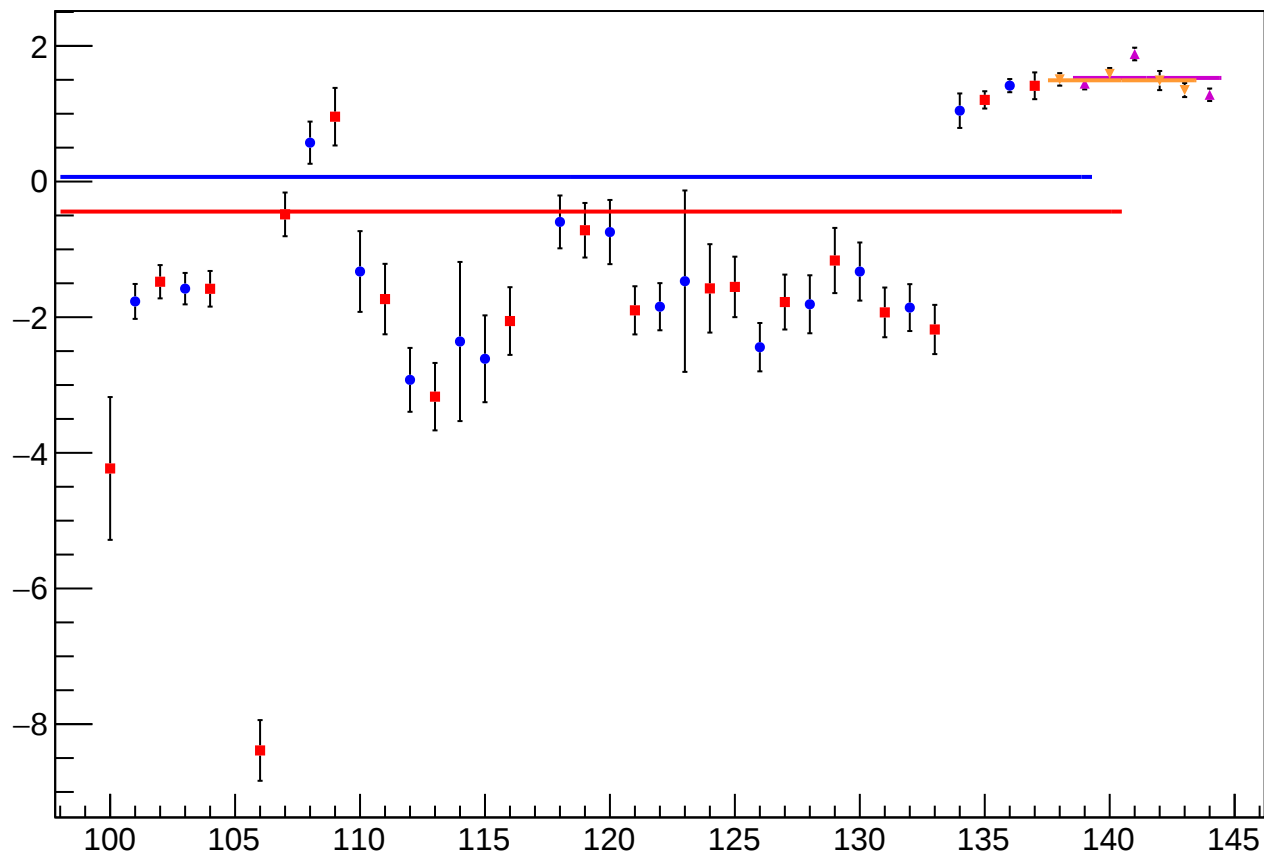
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -152.926 ± 0.867 χ^2/NDF : 1752.0/19

Out: -156.802 ± 0.841 χ^2/NDF : 1033.0/22

All: -154.924 ± 0.604 χ^2/NDF : 2795.2/42

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.493 $\pm$ 0.051 χ^2 /NDF: 3.1/3

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.528 $\pm$ 0.052 χ^2 /NDF: 22.5/2

Left: 1.510 $\pm$ 0.036 χ^2 /NDF: 25.8/6

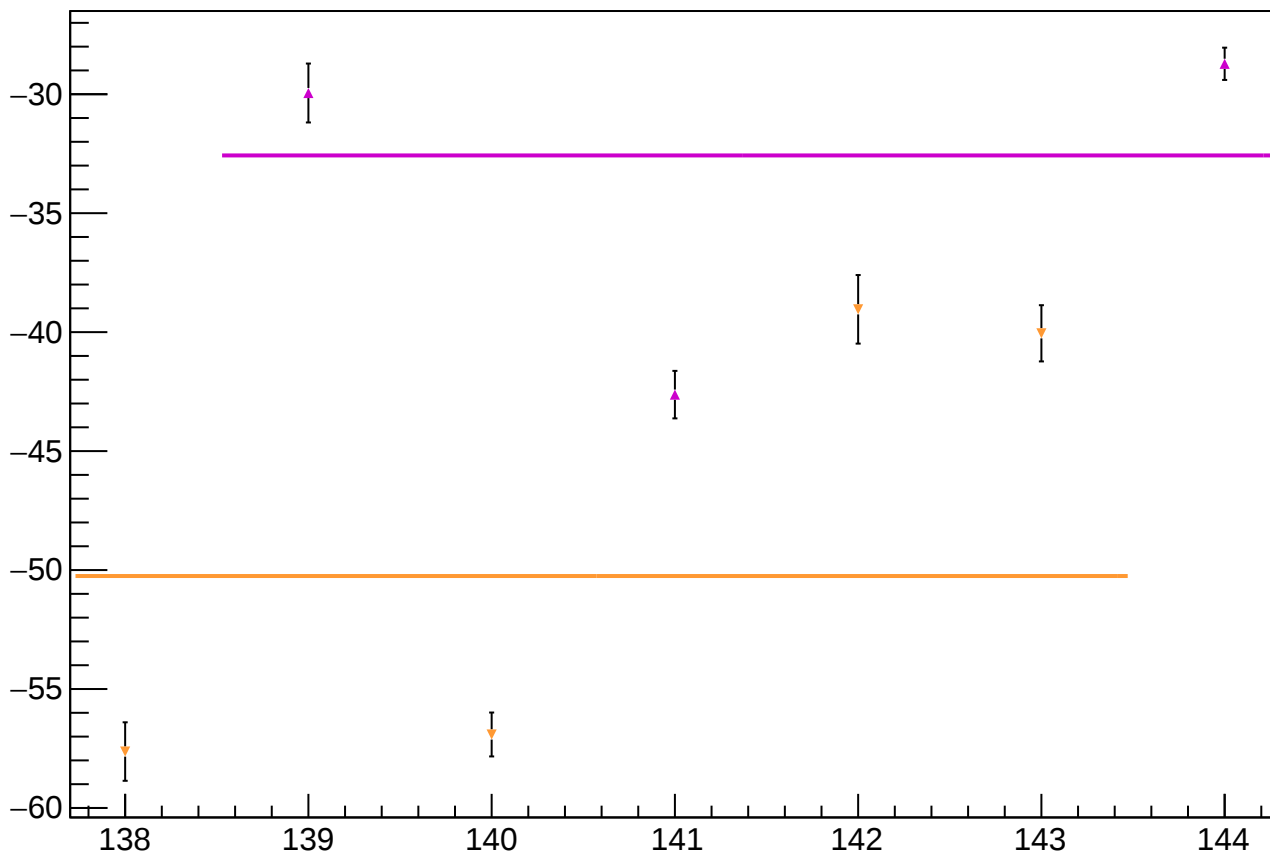
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 0.978 $\pm$ 0.041 χ^2 /NDF: 844.0/19

Out: 0.842 $\pm$ 0.041 χ^2 /NDF: 1251.0/22

All: 0.910 $\pm$ 0.029 χ^2 /NDF: 2100.5/42

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: -32.573+/-0.511 χ^2/NDF :138.2/2

Left: -40.386+/-0.382 χ^2/NDF : 890.4/6

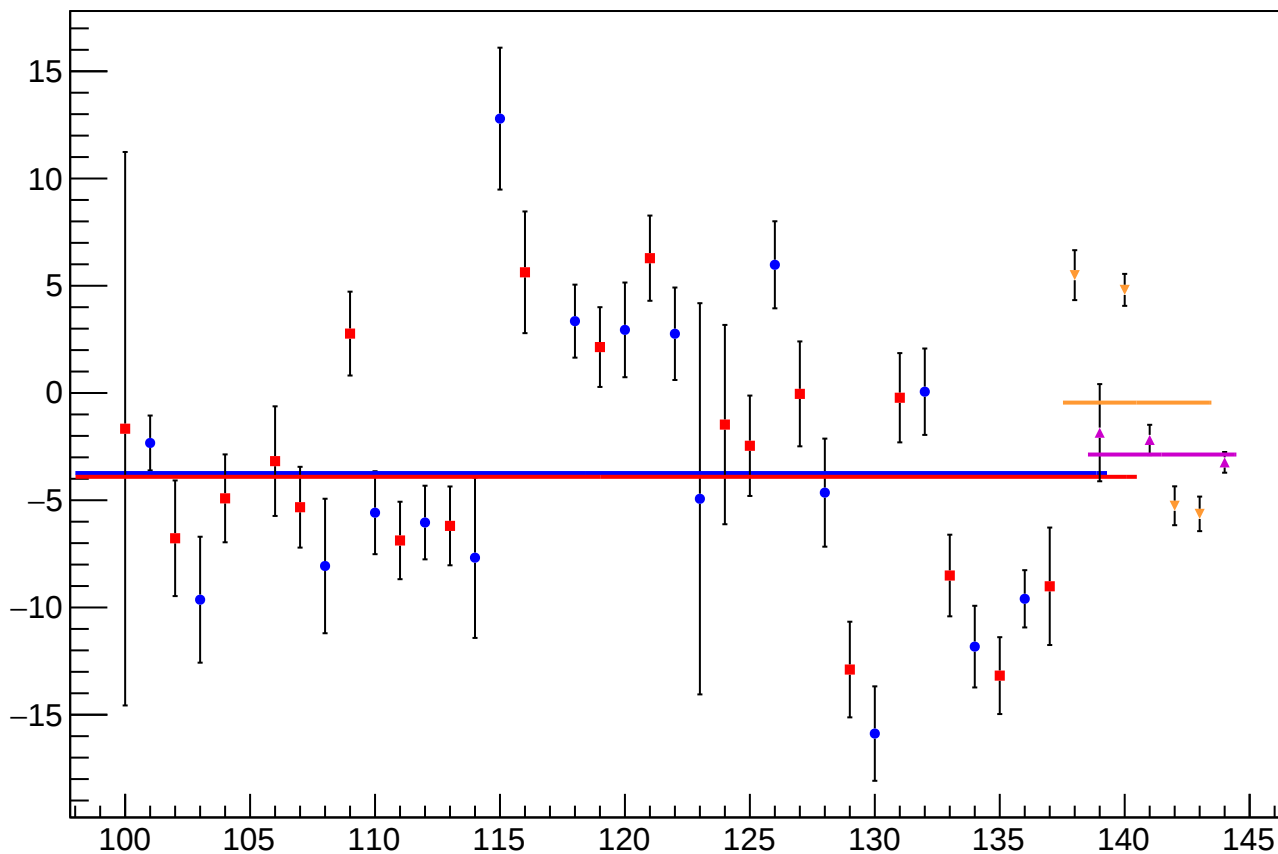
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.573+/-0.511 χ^2/NDF :138.2/2

Out: -50.251+/-0.574 χ^2/NDF :223.2/3

All: -40.386+/-0.382 χ^2/NDF : 890.4/6

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -0.448 ± 0.435 χ^2/NDF : 145.4/3

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -2.869 ± 0.392 χ^2/NDF : 1.7/2

Left: -1.782 ± 0.291 χ^2/NDF : 164.2/6

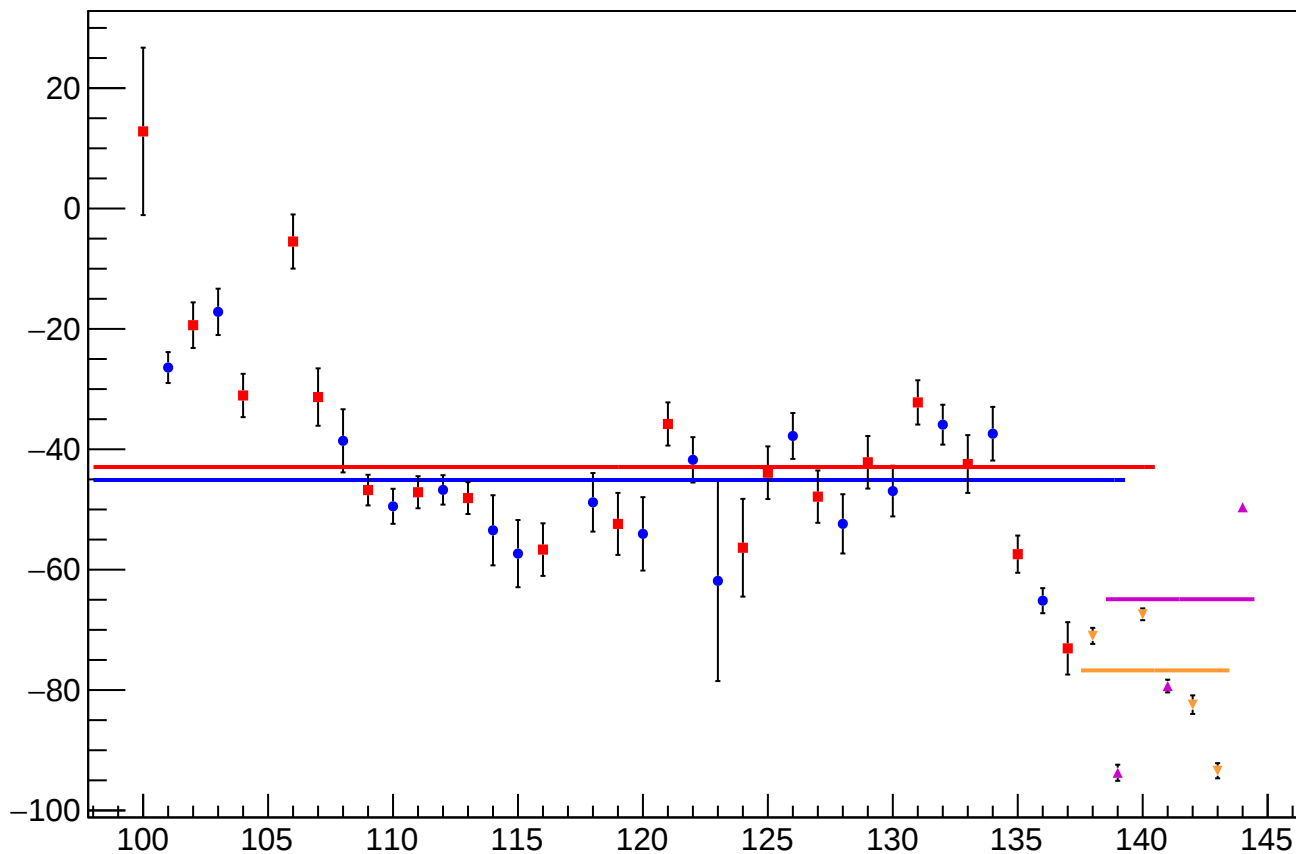
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -3.201 ± 0.308 χ^2/NDF : 169.4/19

Out: -1.915 ± 0.330 χ^2/NDF : 297.1/22

All: -2.603 ± 0.225 χ^2/NDF : 474.6/42

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -76.737 ± 0.614 χ^2/NDF : 297.2/3

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -64.910 ± 0.547 χ^2/NDF : 1090.5/2

Left: -70.144 ± 0.409 χ^2/NDF : 1594.4/6

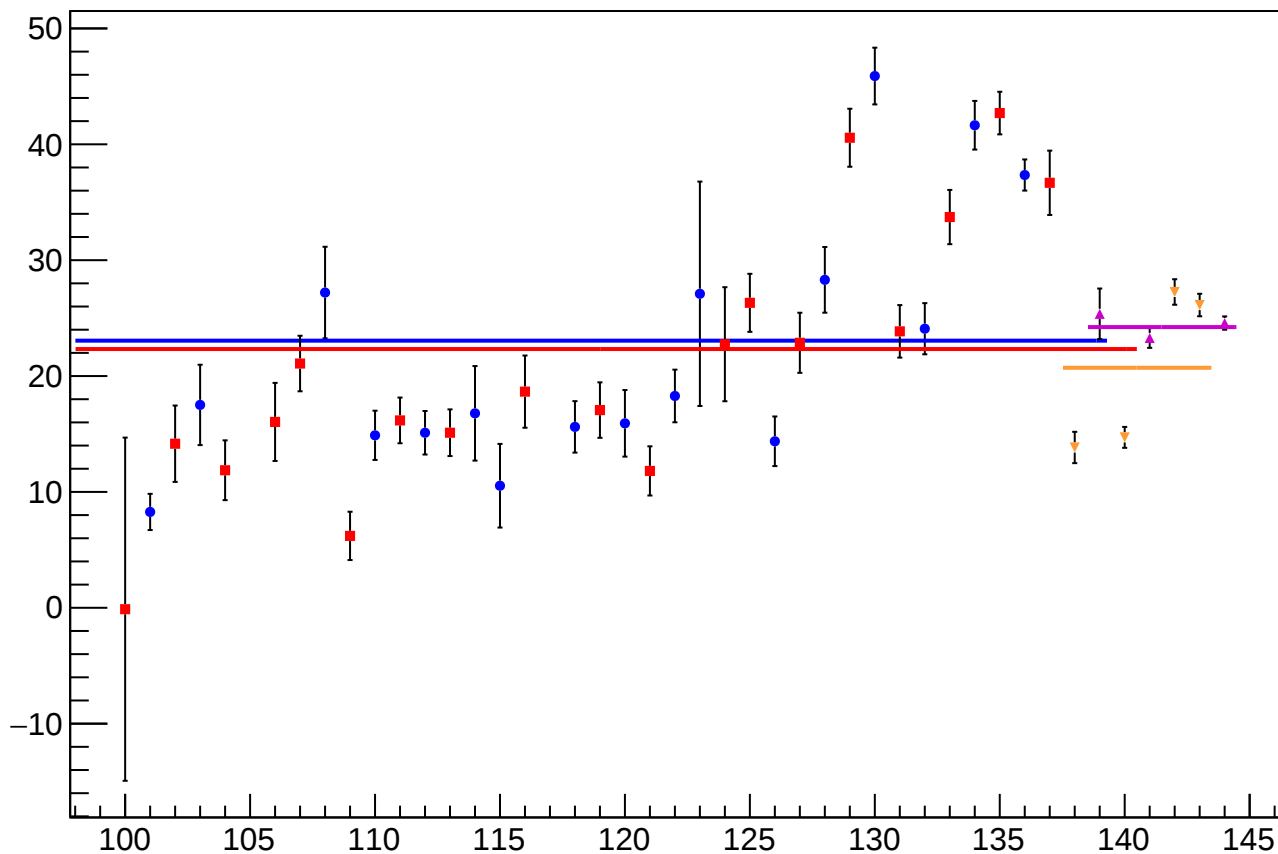
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -59.409 ± 0.465 χ^2/NDF : 1684.9/19

Out: -65.623 ± 0.503 χ^2/NDF : 1541.7/22

All: -62.272 ± 0.342 χ^2/NDF : 3308.9/42

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 20.715 $\pm$ 0.523 χ^2 /NDF:136.5/3

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 24.227 $\pm$ 0.464 χ^2 /NDF:1.9/2

Left: 22.677 $\pm$ 0.347 χ^2 /NDF: 163.6/6

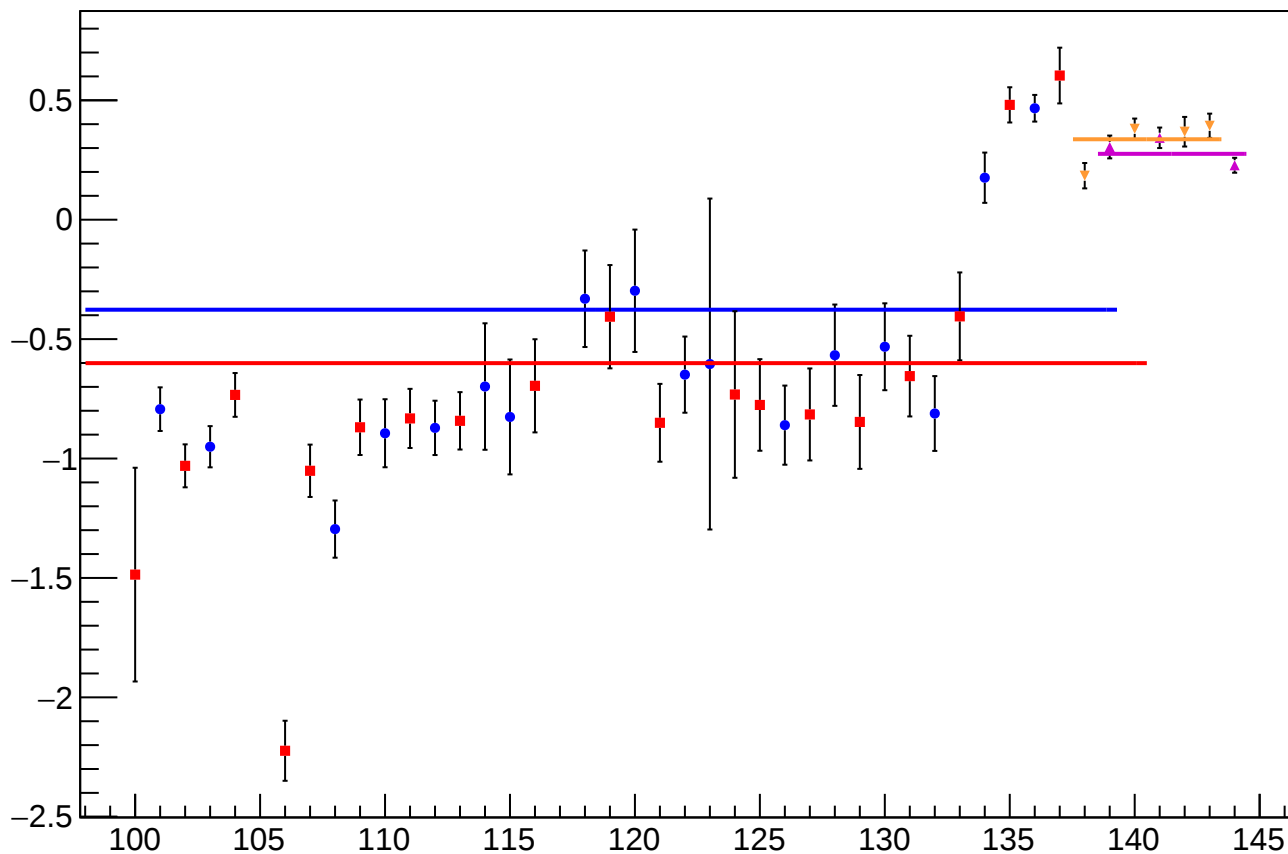
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 23.746 $\pm$ 0.357 χ^2 /NDF:465.6/19

Out: 21.450 $\pm$ 0.386 χ^2 /NDF:512.0/22

All: 22.688 $\pm$ 0.262 χ^2 /NDF: 996.6/42

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.337 ± 0.025 $\chi^2/\text{NDF}: 10.8/3$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.276 ± 0.022 $\chi^2/\text{NDF}: 5.2/2$

Left: 0.302 ± 0.017 $\chi^2/\text{NDF}: 19.2/6$

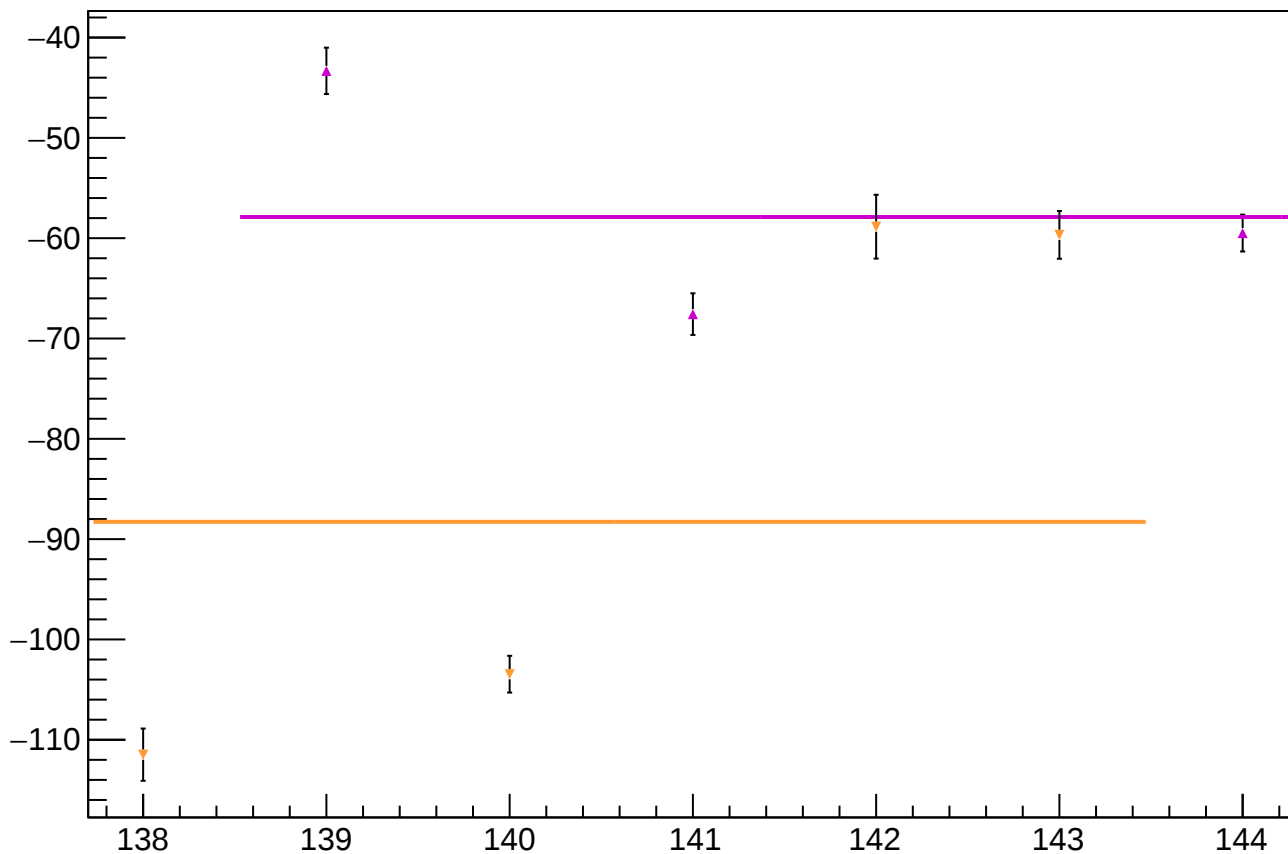
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.044 ± 0.018 $\chi^2/\text{NDF}: 745.8/19$

Out: -0.052 ± 0.019 $\chi^2/\text{NDF}: 1130.5/22$

All: -0.000 ± 0.013 $\chi^2/\text{NDF}: 1889.6/42$

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: -57.888+/-1.181 χ^2 /NDF:62.2/2

Left: -73.121+/-0.834 χ^2 /NDF: 771.6/6

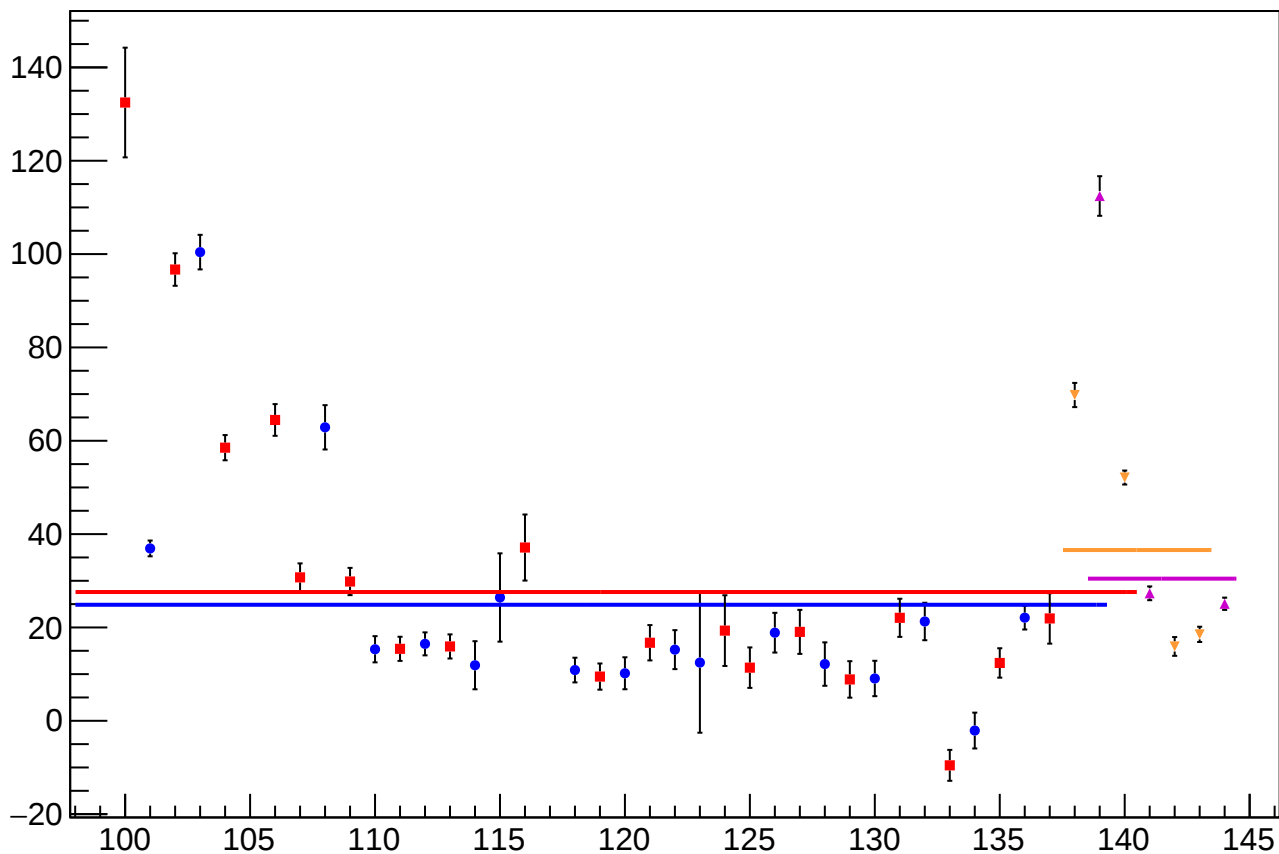
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -57.888+/-1.181 χ^2 /NDF:62.2/2

Out: -88.274+/-1.178 χ^2 /NDF:377.8/3

All: -73.121+/-0.834 χ^2 /NDF: 771.6/6

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 36.588 $\pm$ 0.907 χ^2 /NDF:498.8/3

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 30.458 $\pm$ 0.956 χ^2 /NDF:394.8/2

Left: 33.684 $\pm$ 0.658 χ^2 /NDF: 915.2/6

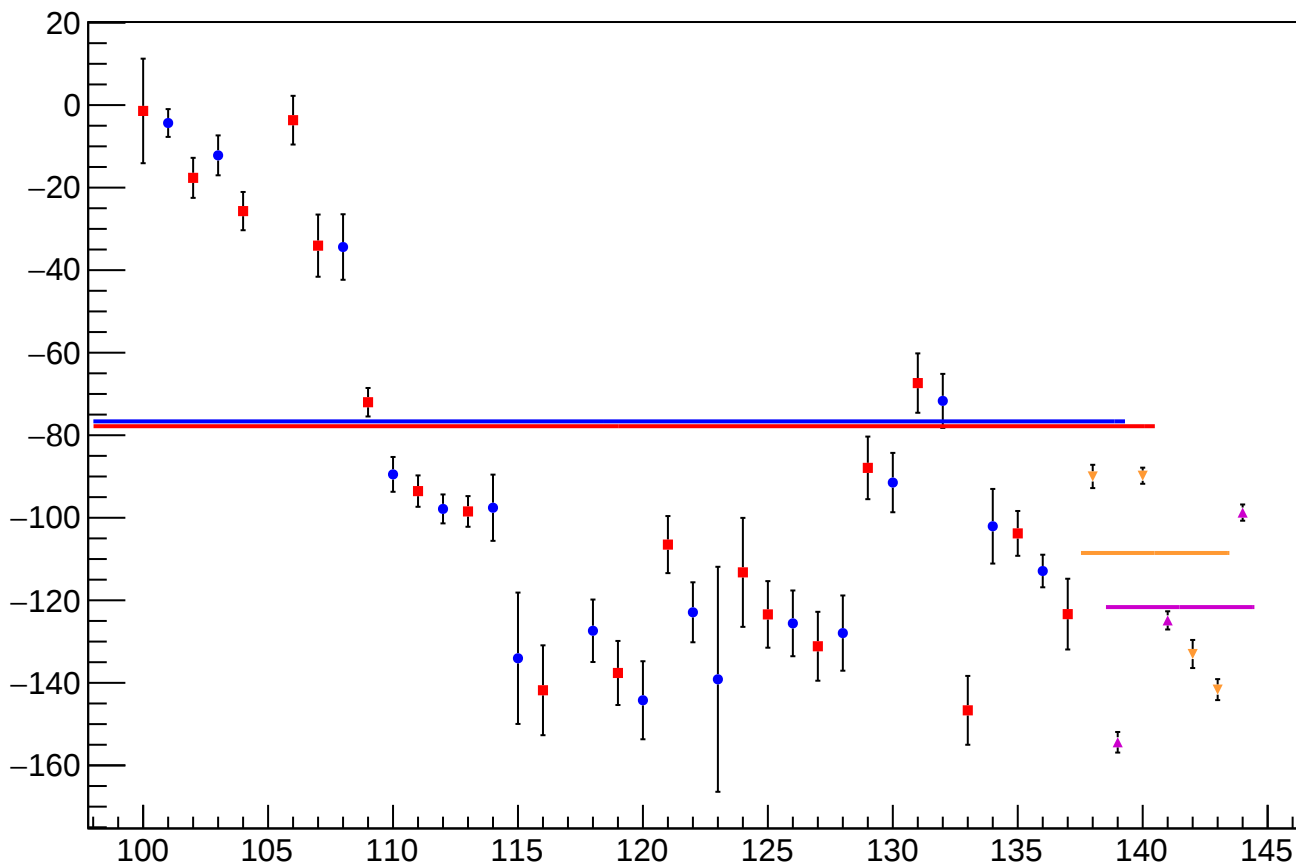
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 27.172 $\pm$ 0.615 χ^2 /NDF:1105.9/19

Out: 31.580 $\pm$ 0.604 χ^2 /NDF:1564.5/22

All: 29.414 $\pm$ 0.431 χ^2 /NDF: 2696.5/42

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -108.529 ± 1.261 χ^2/NDF : 356.5/3

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -121.642 ± 1.265 χ^2/NDF : 309.9/2

Left: -115.062 ± 0.893 χ^2/NDF : 720.3/6

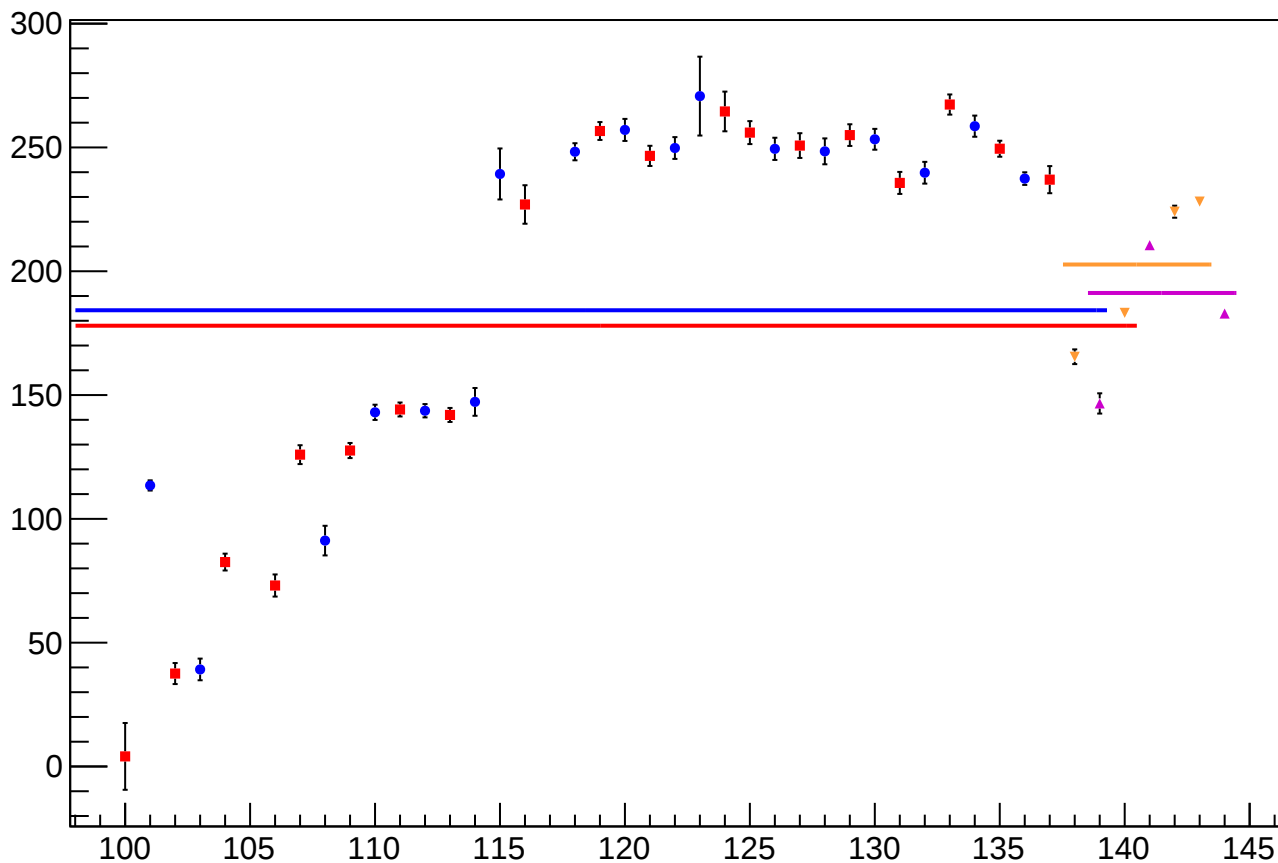
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -101.641 ± 0.943 χ^2/NDF : 1912.7/19

Out: -94.243 ± 0.922 χ^2/NDF : 1505.8/22

All: -97.858 ± 0.659 χ^2/NDF : 3449.9/42

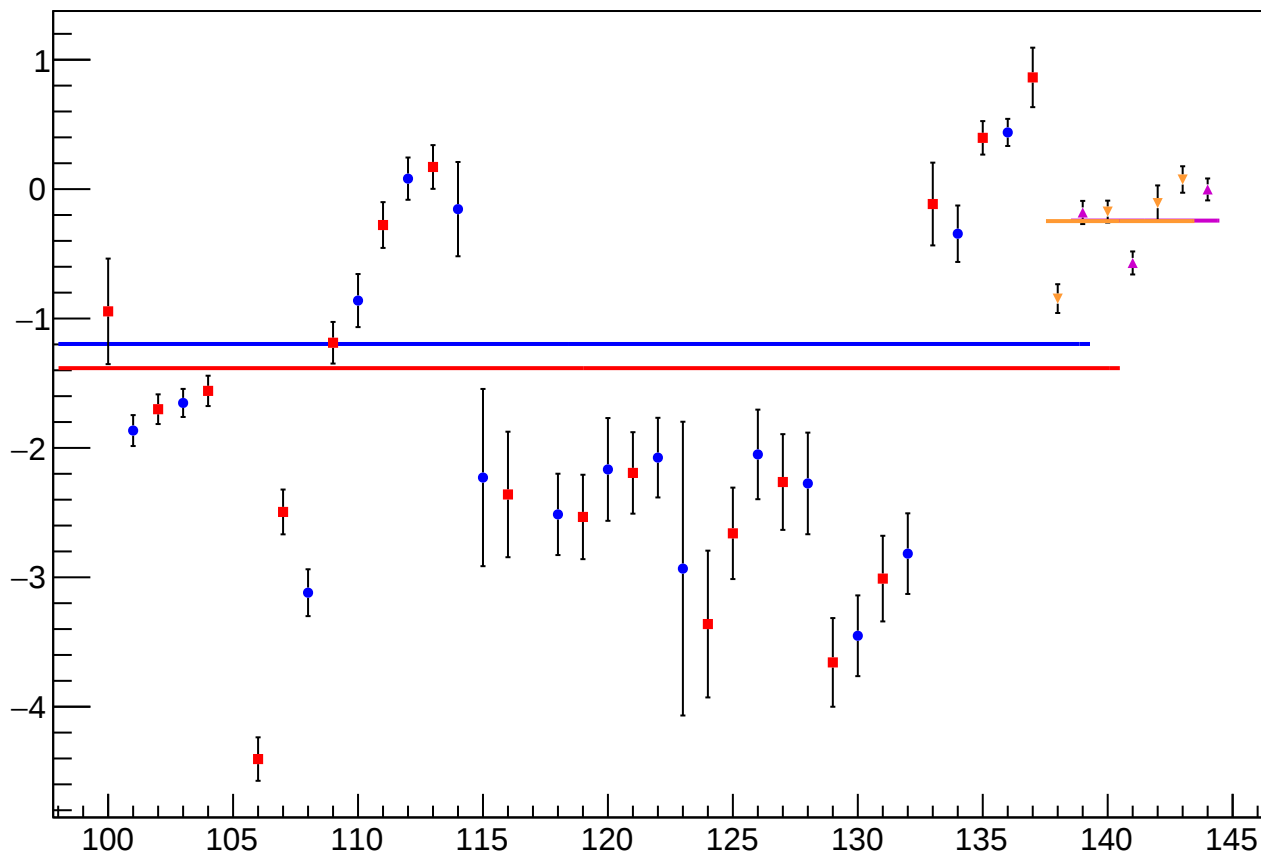
reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16
 Left Out: 202.722 $\pm$ 1.087 χ^2 /NDF: 517.3/3
 Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18
 Left In: 191.226 $\pm$ 1.125 χ^2 /NDF: 265.4/2

Left: 197.170 $\pm$ 0.782 χ^2 /NDF: 836.7/6
 Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35
 In: 187.026 $\pm$ 0.710 χ^2 /NDF: 5677.1/19
 Out: 188.364 $\pm$ 0.704 χ^2 /NDF: 7155.5/22
 All: 187.701 $\pm$ 0.500 χ^2 /NDF: 12834.5/42

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.247 ± 0.052 χ^2/NDF : 40.7/3

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.243 ± 0.051 χ^2/NDF : 22.1/2

Left: -0.245 ± 0.036 χ^2/NDF : 62.8/6

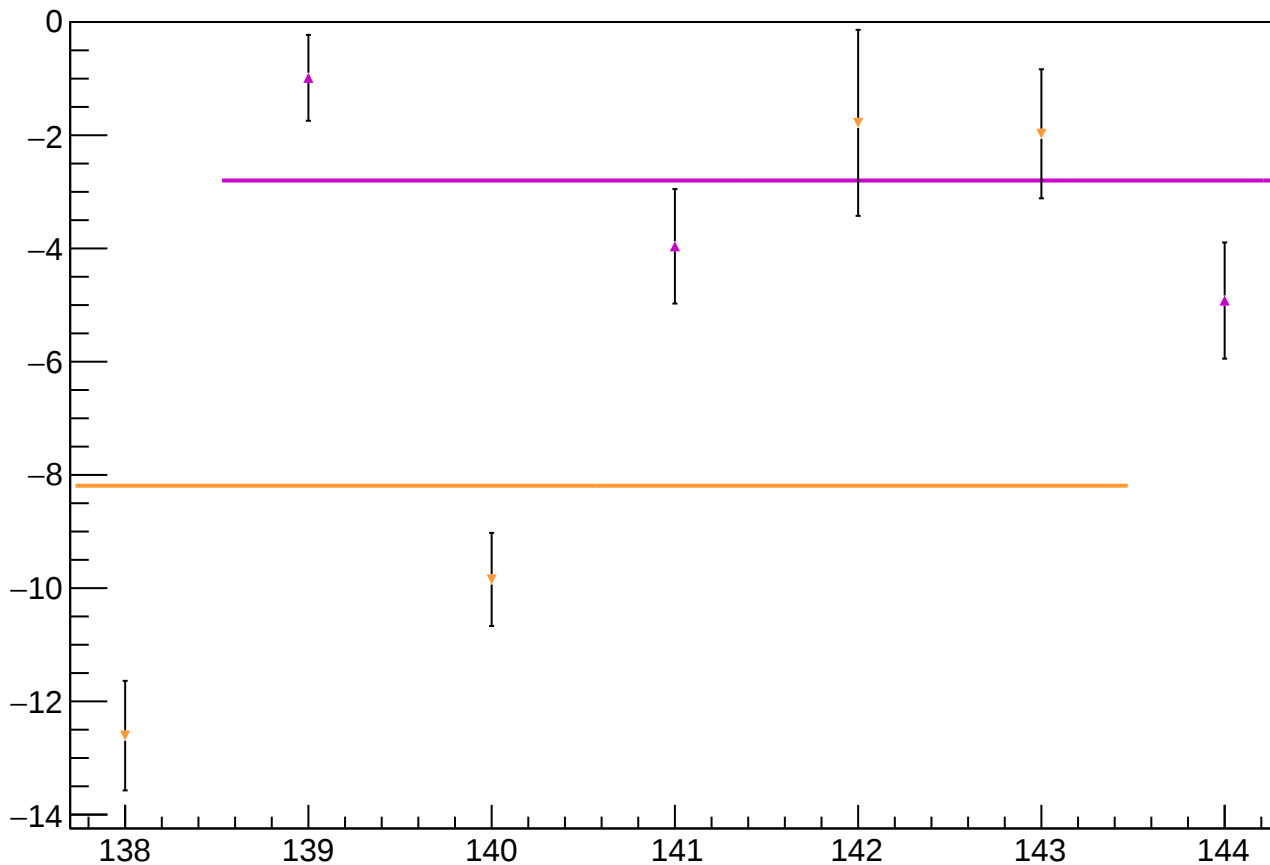
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.744 ± 0.035 χ^2/NDF : 830.0/19

Out: -0.888 ± 0.034 χ^2/NDF : 1233.0/22

All: -0.817 ± 0.024 χ^2/NDF : 2071.7/42

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: -2.800+/-0.522 χ^2/NDF : 11.3/2

Left: -5.503+/-0.369 χ^2/NDF : 134.5/6

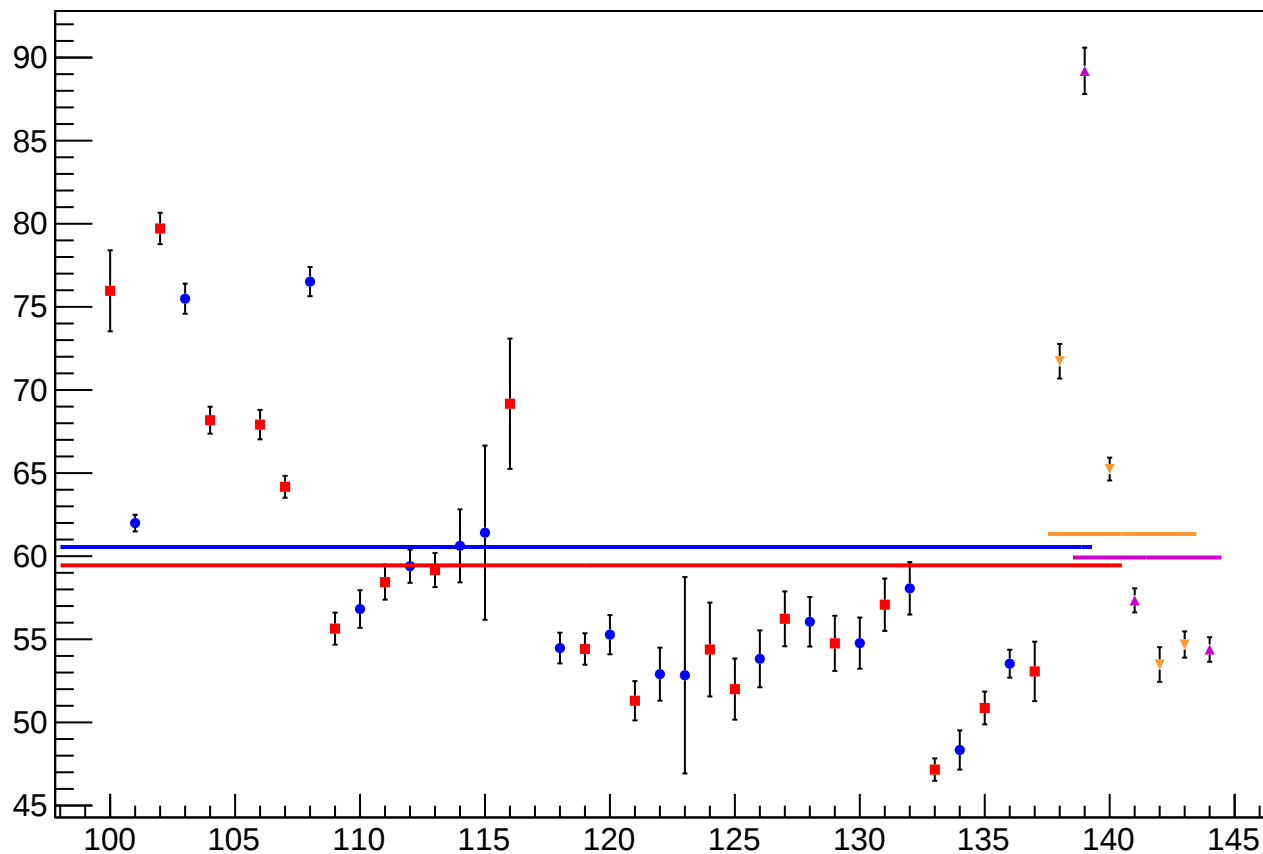
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.800+/-0.522 χ^2/NDF : 11.3/2

Out: -8.191+/-0.521 χ^2/NDF : 69.8/3

All: -5.503+/-0.369 χ^2/NDF : 134.5/6

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 +/- 0.262 χ^2/NDF : 931.0/16

Left Out: 61.336 +/- 0.424 χ^2/NDF : 259.5/3

Right Out: 59.449 +/- 0.248 χ^2/NDF : 1321.3/18

Left In: 59.922 +/- 0.486 χ^2/NDF : 508.4/2

Left: 60.725 +/- 0.319 χ^2/NDF : 772.8/6

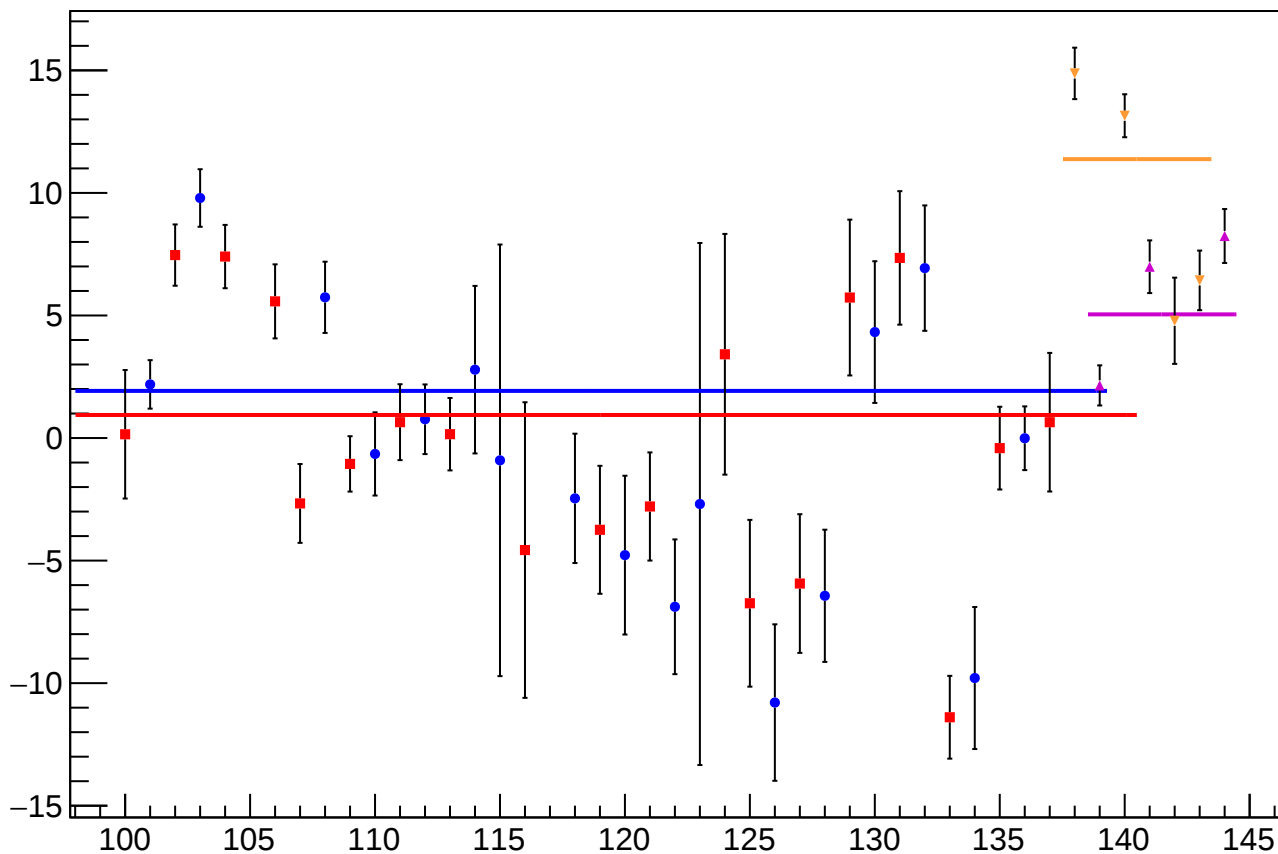
Right: 59.970 +/- 0.180 χ^2/NDF : 2261.6/35

In: 60.410 +/- 0.230 χ^2/NDF : 1440.7/19

Out: 59.929 +/- 0.214 χ^2/NDF : 1595.6/22

All: 60.152 +/- 0.157 χ^2/NDF : 3038.6/42

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: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 5.045 ± 0.560 $\chi^2/\text{NDF}: 24.3/2$

Left: 8.223 ± 0.396 $\chi^2/\text{NDF}: 134.1/6$

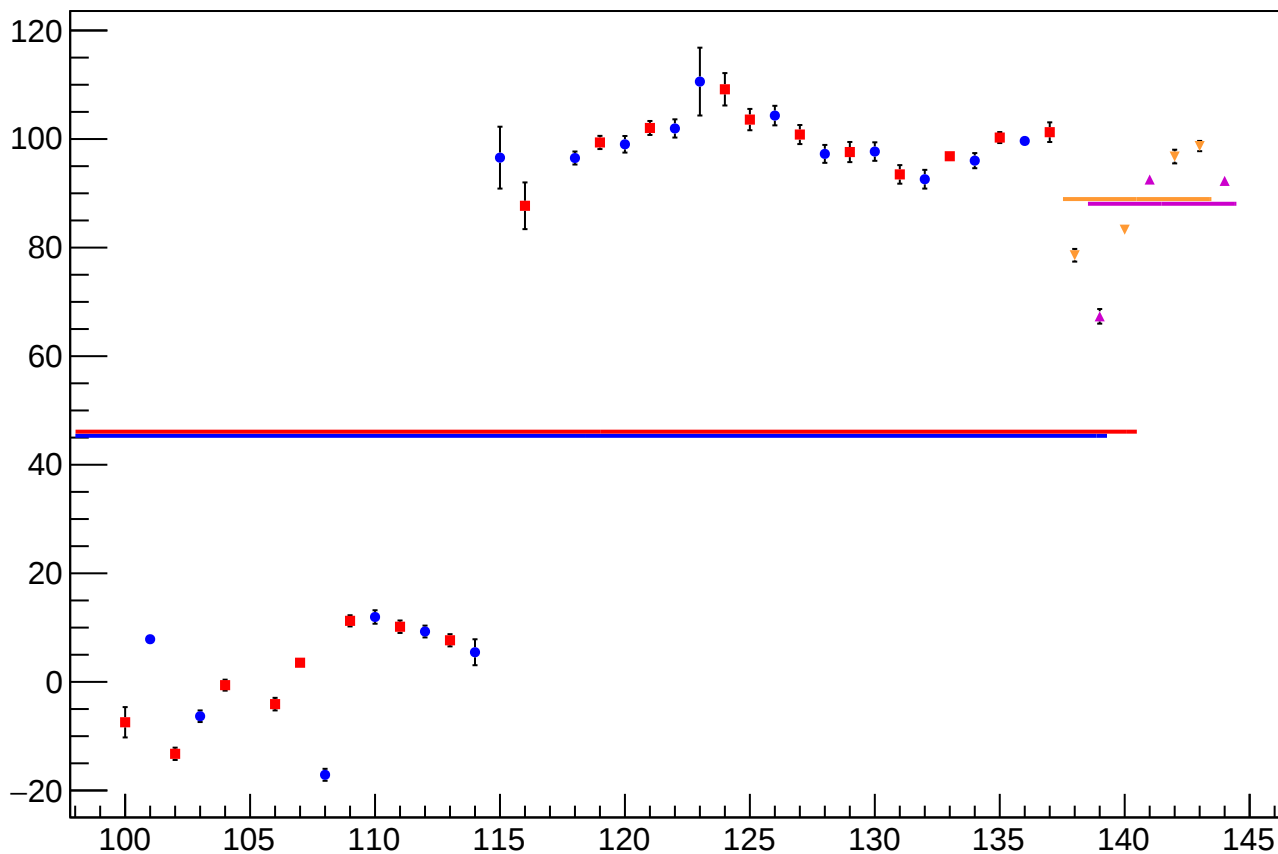
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 3.174 ± 0.355 $\chi^2/\text{NDF}: 163.9/19$

Out: 4.758 ± 0.338 $\chi^2/\text{NDF}: 417.6/22$

All: 4.005 ± 0.245 $\chi^2/\text{NDF}: 592.0/42$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 88.942 $\pm$ 0.503 χ^2 /NDF:270.7/3

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 88.075 $\pm$ 0.560 χ^2 /NDF:286.8/2

Left: 88.555 $\pm$ 0.374 χ^2 /NDF: 558.8/6

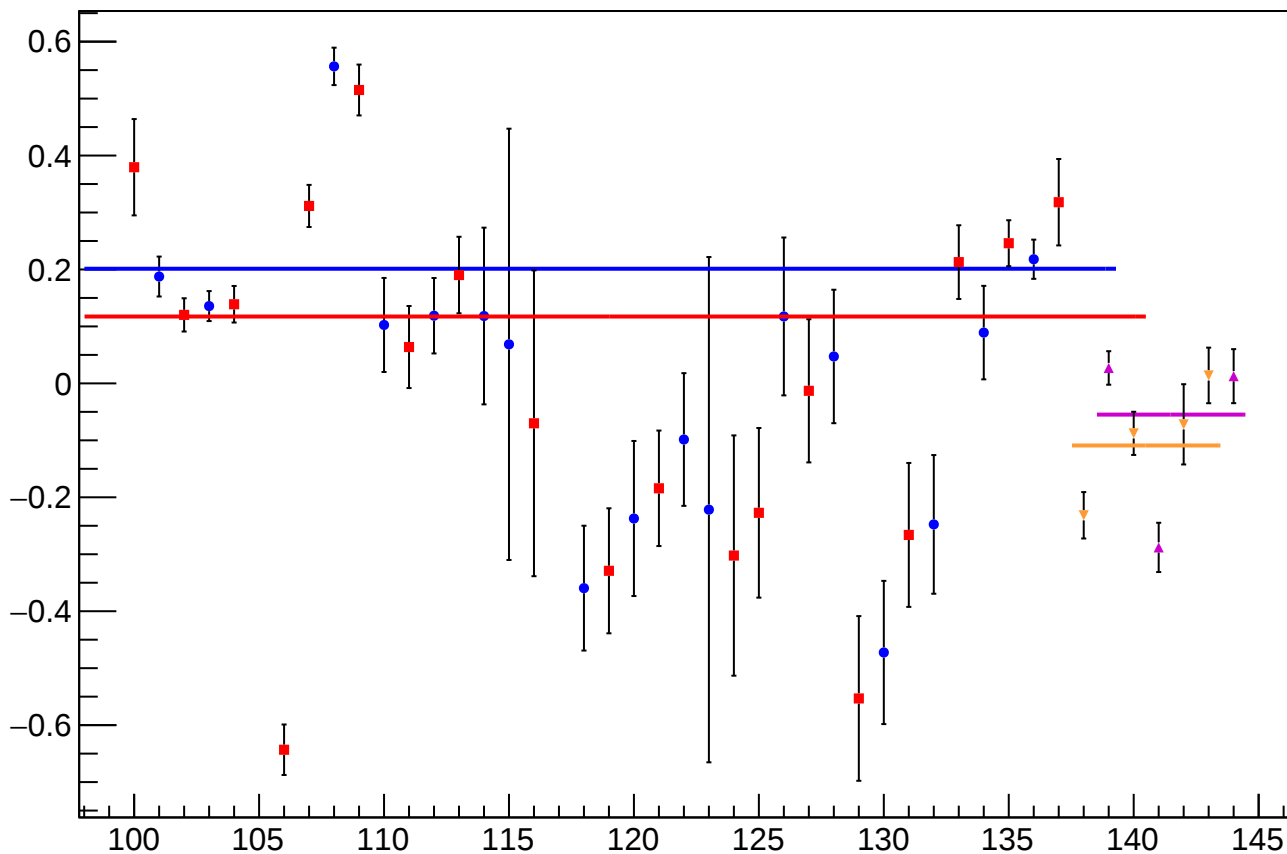
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 55.033 $\pm$ 0.267 χ^2 /NDF:29793.1/19

Out: 56.736 $\pm$ 0.251 χ^2 /NDF:33990.5/22

All: 55.938 $\pm$ 0.183 χ^2 /NDF: 63805.2/42

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.109 ± 0.023 χ^2/NDF : 16.0/3

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.055 ± 0.022 χ^2/NDF : 38.8/2

Left: -0.080 ± 0.016 χ^2/NDF : 57.8/6

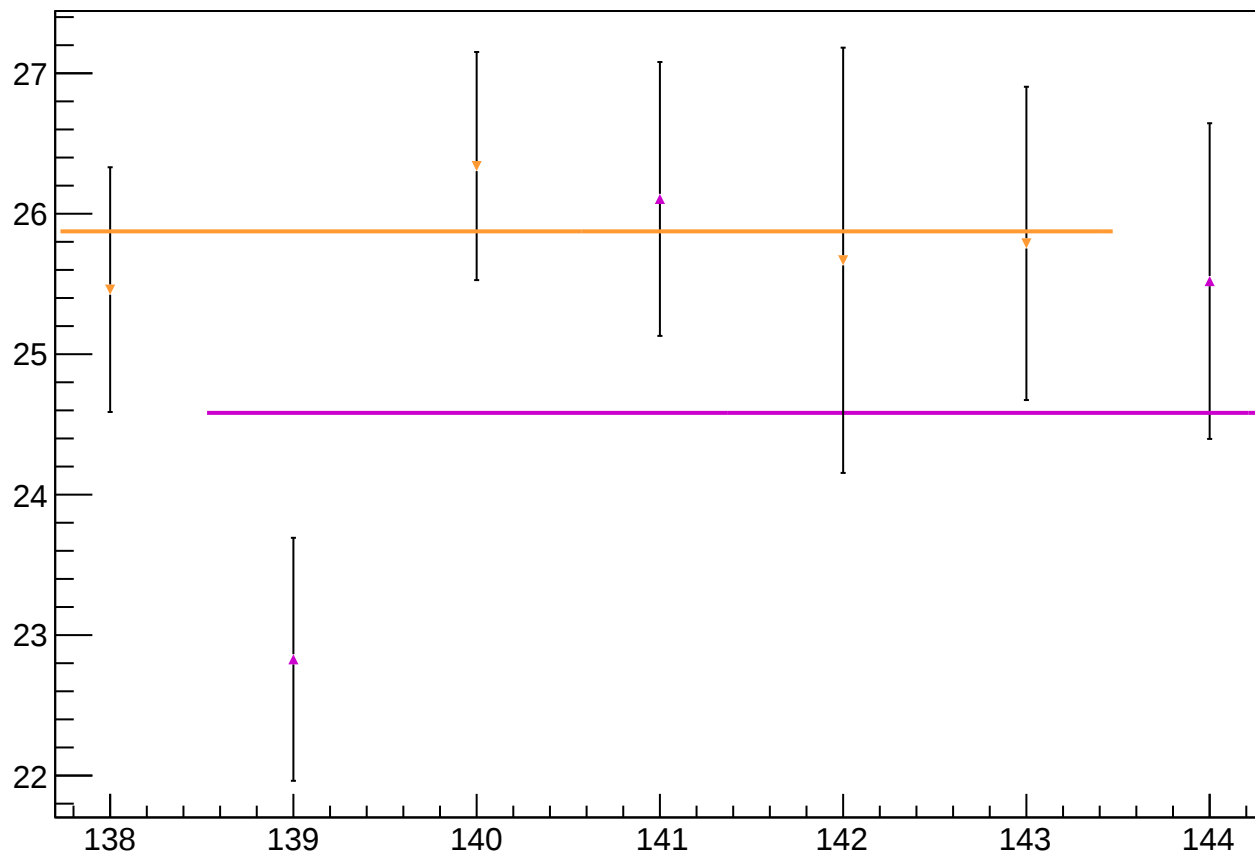
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.125 ± 0.012 χ^2/NDF : 354.6/19

Out: 0.062 ± 0.011 χ^2/NDF : 589.7/22

All: 0.092 ± 0.008 χ^2/NDF : 959.5/42

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: 24.582 $\pm$ 0.561 χ^2 /NDF:7.3/2

Left: 25.308 $\pm$ 0.371 χ^2 /NDF: 10.8/6

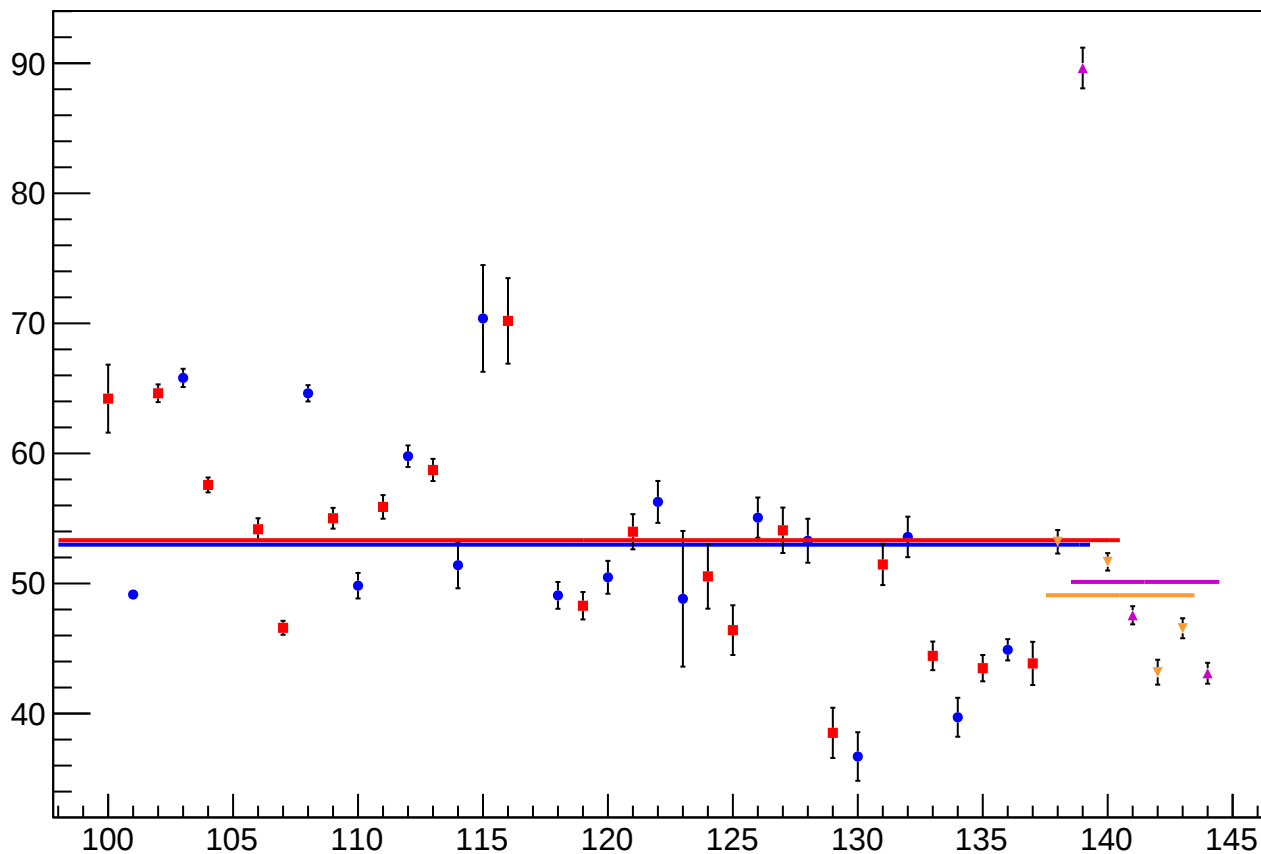
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 24.582 $\pm$ 0.561 χ^2 /NDF:7.3/2

Out: 25.874 $\pm$ 0.495 χ^2 /NDF:0.6/3

All: 25.308 $\pm$ 0.371 χ^2 /NDF: 10.8/6

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 49.101 $\pm$ 0.401 χ^2 /NDF:84.4/3

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 50.121 $\pm$ 0.499 χ^2 /NDF:729.0/2

Left: 49.501 $\pm$ 0.312 χ^2 /NDF: 815.9/6

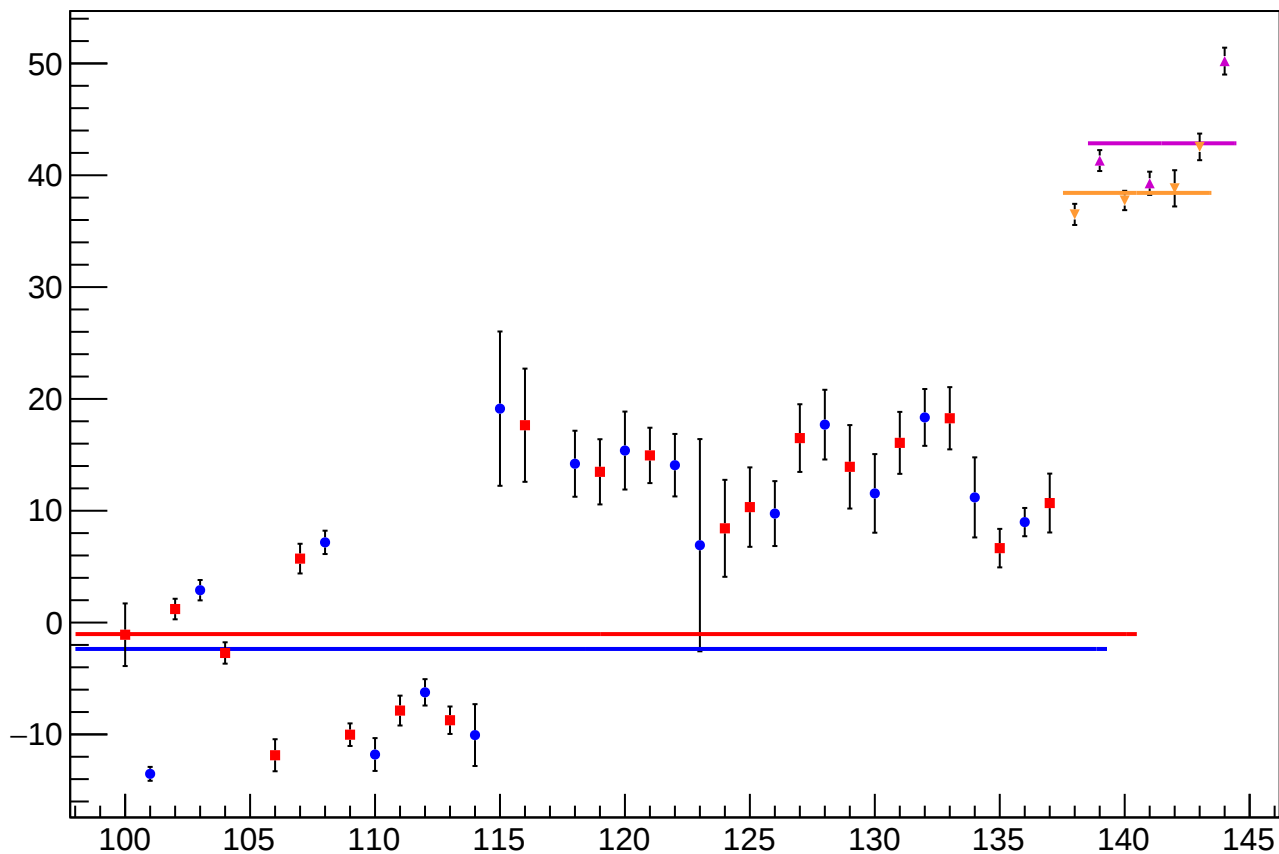
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 52.553 $\pm$ 0.194 χ^2 /NDF:1954.9/19

Out: 52.305 $\pm$ 0.197 χ^2 /NDF:1042.7/22

All: 52.431 $\pm$ 0.138 χ^2 /NDF: 2998.4/42

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 38.424 ± 0.531 χ^2/NDF : 16.8/3

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 42.858 ± 0.602 χ^2/NDF : 52.0/2

Left: 40.367 ± 0.398 χ^2/NDF : 99.3/6

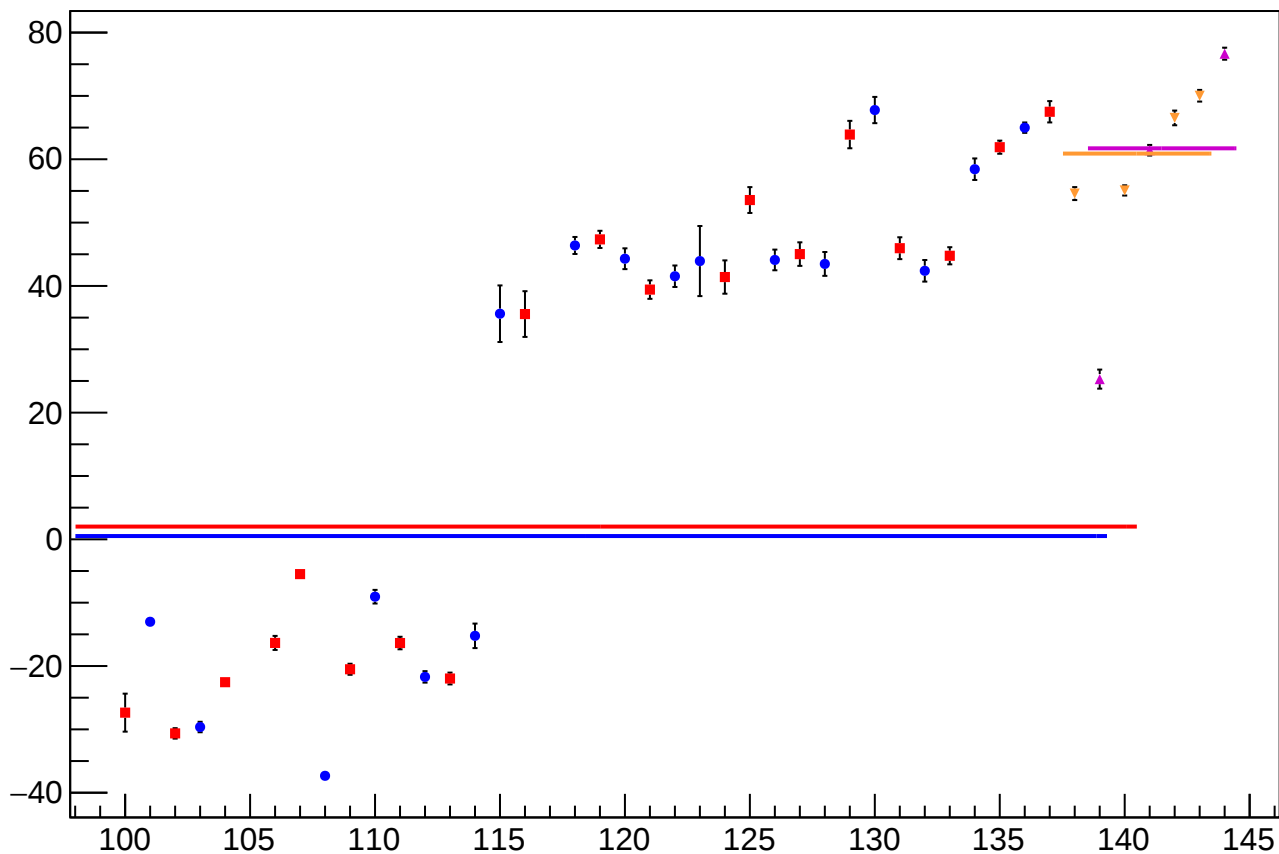
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 9.766 ± 0.312 χ^2/NDF : 5024.9/19

Out: 12.177 ± 0.307 χ^2/NDF : 4194.6/22

All: 10.988 ± 0.219 χ^2/NDF : 9249.9/42

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: 2.013 ± 0.266 $\chi^2/\text{NDF}: 15473.7/18$

Left In: 61.724 ± 0.580 $\chi^2/\text{NDF}: 832.5/2$

Left: 61.229 ± 0.368 $\chi^2/\text{NDF}: 1045.2/6$

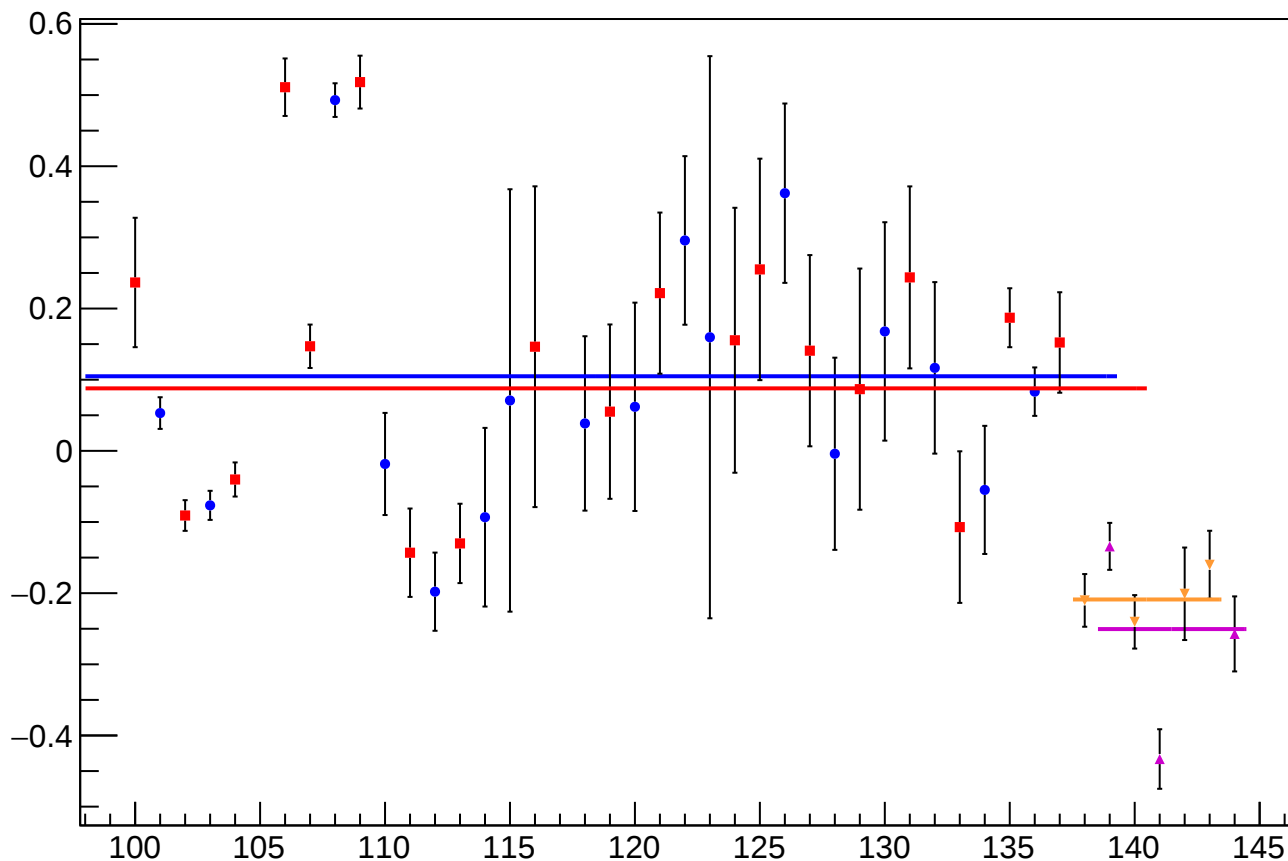
Right: 1.209 ± 0.181 $\chi^2/\text{NDF}: 33876.6/35$

In: 9.900 ± 0.227 $\chi^2/\text{NDF}: 28636.2/19$

Out: 16.032 ± 0.232 $\chi^2/\text{NDF}: 27321.0/22$

All: 12.895 ± 0.162 $\chi^2/\text{NDF}: 56312.9/42$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.209 ± 0.022 $\chi^2/\text{NDF}: 1.8/3$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.250 ± 0.023 $\chi^2/\text{NDF}: 31.5/2$

Left: -0.228 ± 0.016 $\chi^2/\text{NDF}: 34.9/6$

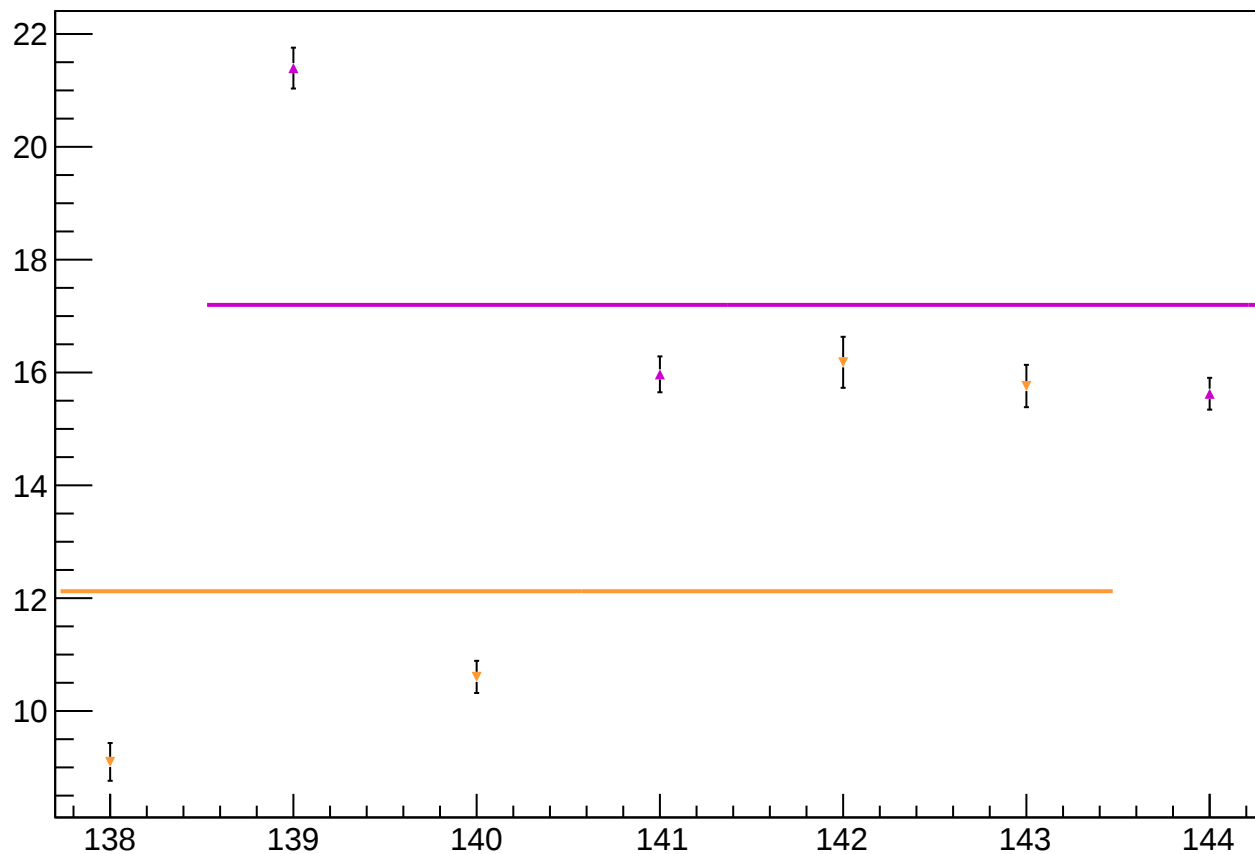
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: 0.040 ± 0.010 $\chi^2/\text{NDF}: 622.7/19$

Out: 0.027 ± 0.010 $\chi^2/\text{NDF}: 540.9/22$

All: 0.033 ± 0.007 $\chi^2/\text{NDF}: 1164.3/42$

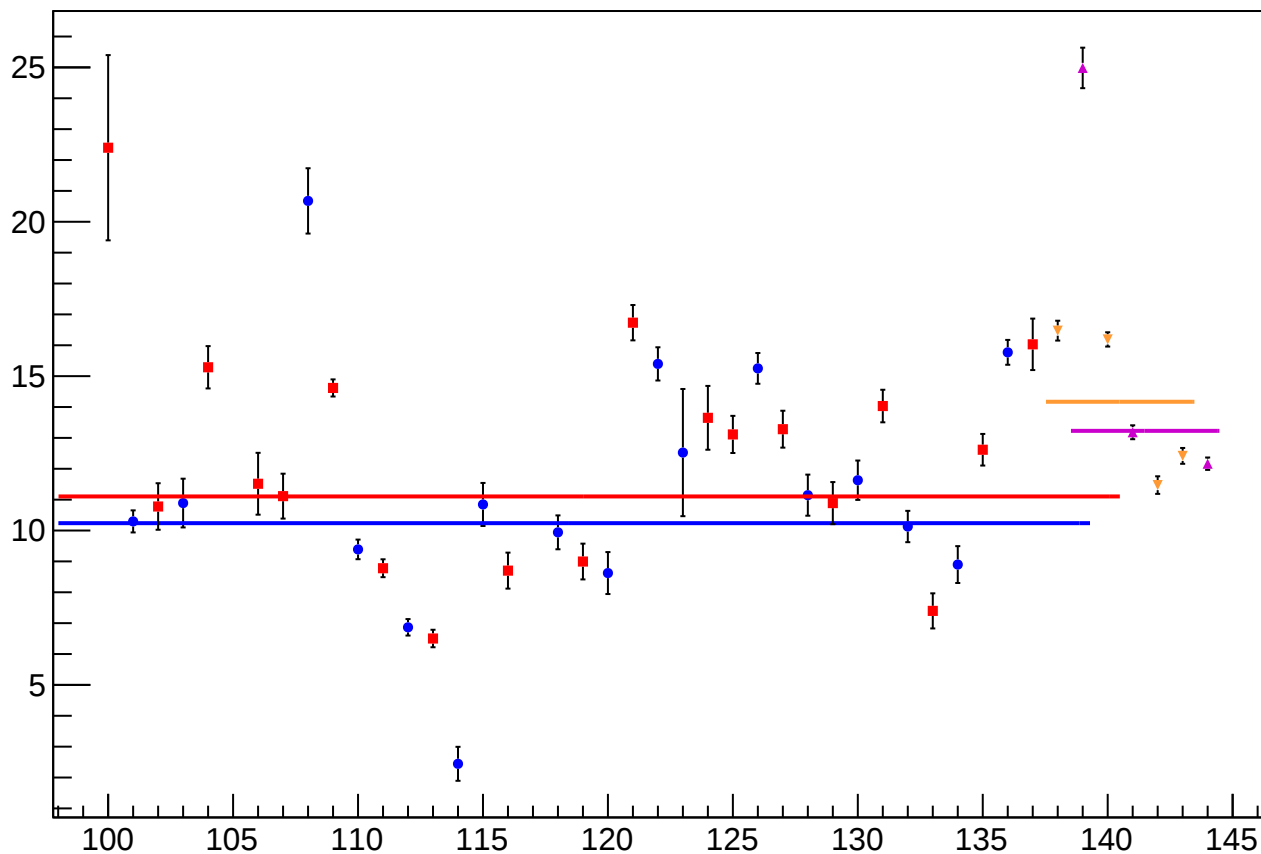
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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: 17.198+/-0.182 χ^2/NDF :180.6/2

Left: 14.537+/-0.126 χ^2/NDF : 872.0/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.198+/-0.182 χ^2/NDF :180.6/2
 Out: 12.123+/-0.174 χ^2/NDF :284.5/3
 All: 14.537+/-0.126 χ^2/NDF : 872.0/6

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 14.171 ± 0.134 $\chi^2/\text{NDF}: 263.9/3$

Right Out: 11.104 ± 0.116 $\chi^2/\text{NDF}: 815.2/18$

Left In: 13.228 ± 0.146 $\chi^2/\text{NDF}: 349.3/2$

Left: 13.741 ± 0.099 $\chi^2/\text{NDF}: 635.9/6$

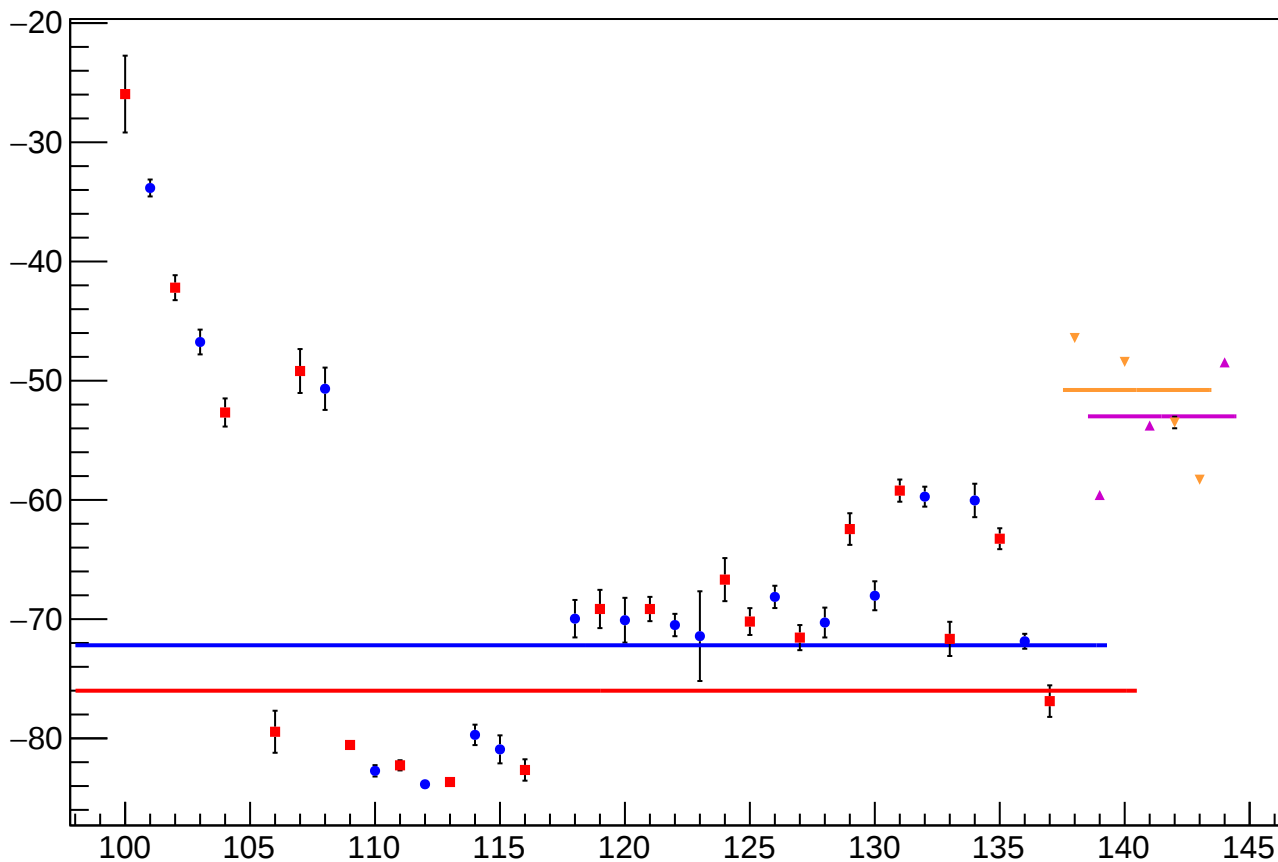
Right: 10.681 ± 0.083 $\chi^2/\text{NDF}: 1709.6/35$

In: 11.433 ± 0.092 $\chi^2/\text{NDF}: 1468.3/19$

Out: 12.424 ± 0.088 $\chi^2/\text{NDF}: 1378.3/22$

All: 11.954 ± 0.064 $\chi^2/\text{NDF}: 2907.1/42$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -50.777 ± 0.186 χ^2/NDF : 590.2/3

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

Left In: -52.989 ± 0.195 χ^2/NDF : 514.1/2

Left: -51.829 ± 0.135 χ^2/NDF : 1171.6/6

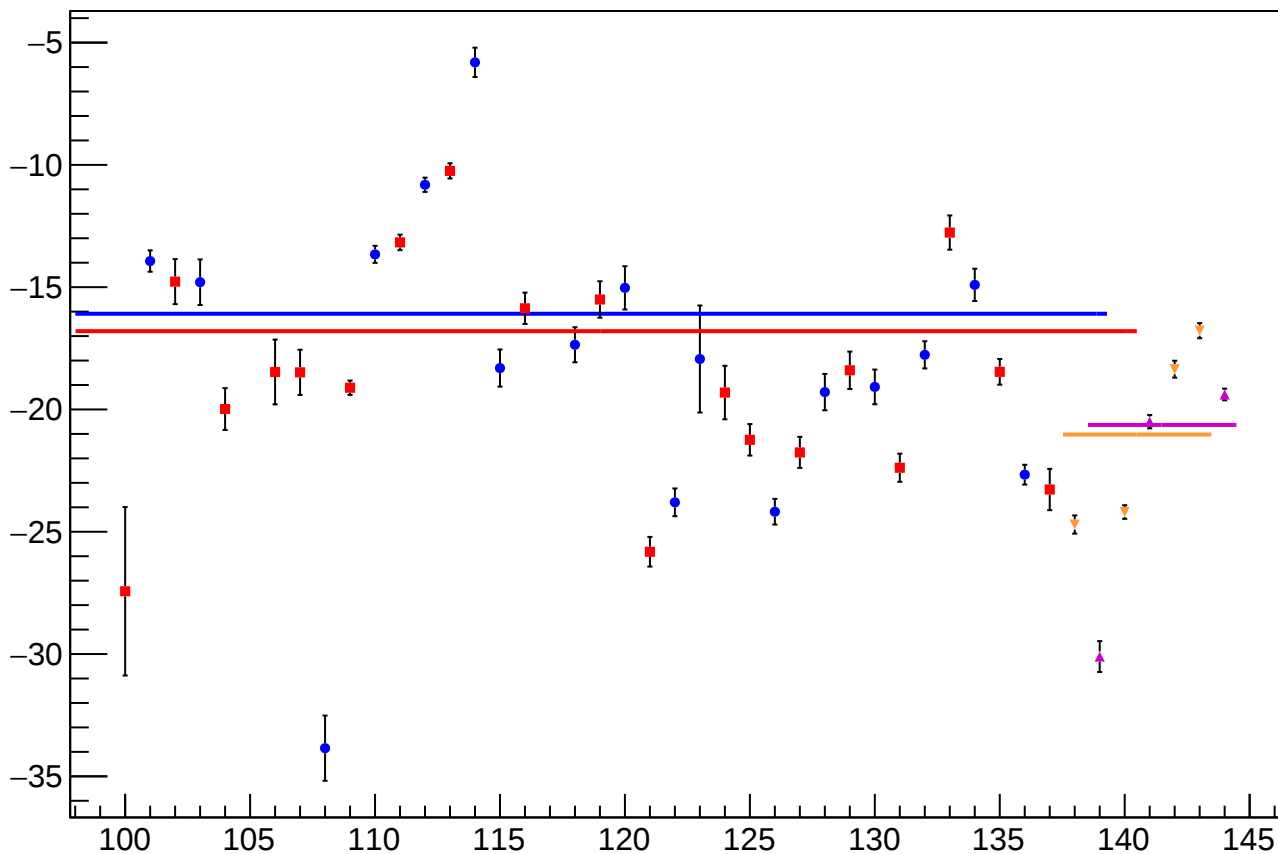
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -62.446 ± 0.139 χ^2/NDF : 10844.3/19

Out: -63.727 ± 0.130 χ^2/NDF : 13513.8/22

All: -63.131 ± 0.095 χ^2/NDF : 24403.5/42

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -21.026 ± 0.160 χ^2/NDF : 474.8/3

Right Out: -16.798 ± 0.128 χ^2/NDF : 1214.0/18

Left In: -20.632 ± 0.172 χ^2/NDF : 252.3/2

Left: -20.843 ± 0.117 χ^2/NDF : 729.8/6

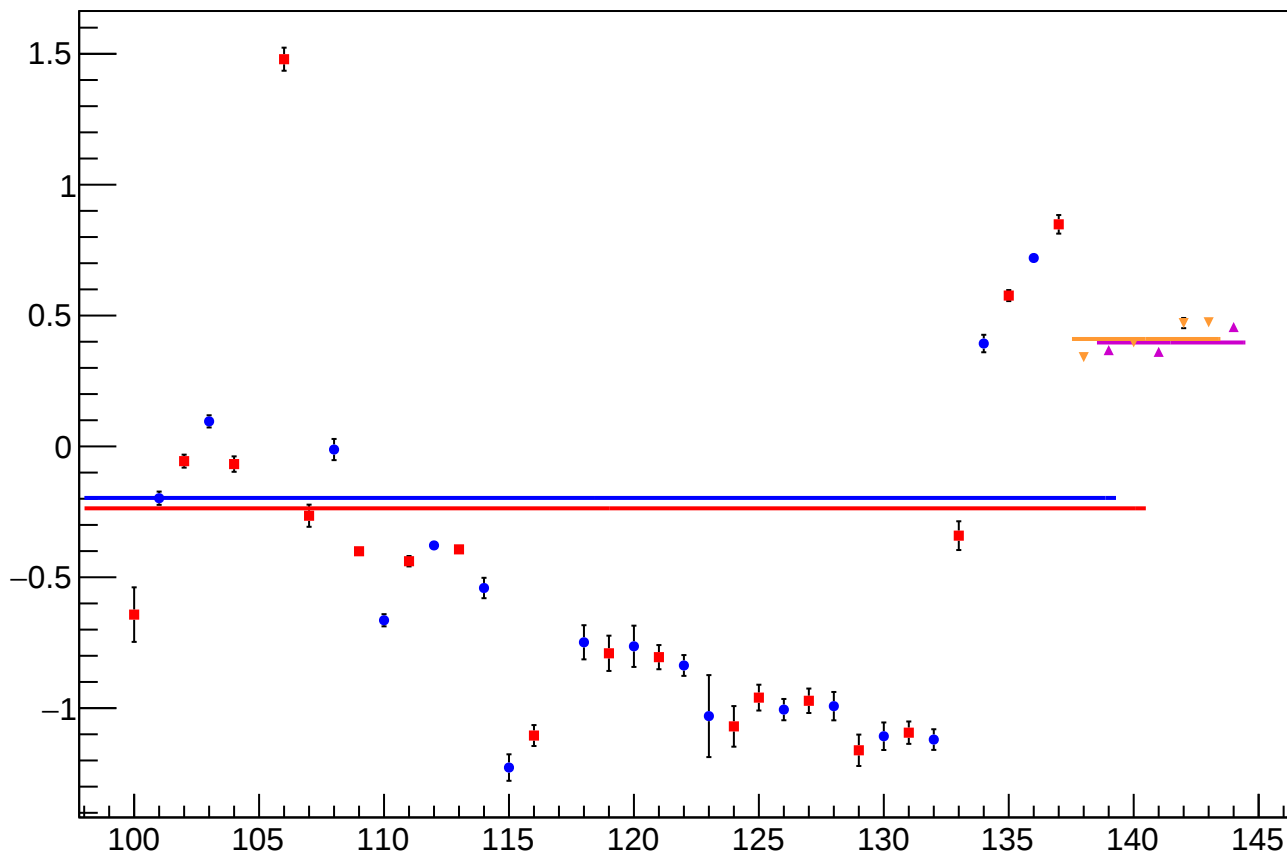
Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35

In: -17.774 ± 0.105 χ^2/NDF : 2311.4/19

Out: -18.444 ± 0.100 χ^2/NDF : 2112.5/22

All: -18.125 ± 0.072 χ^2/NDF : 4445.2/42

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.410 ± 0.008 χ^2/NDF : 49.4/3

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.397 ± 0.008 χ^2/NDF : 31.6/2

Left: 0.404 ± 0.005 χ^2/NDF : 82.5/6

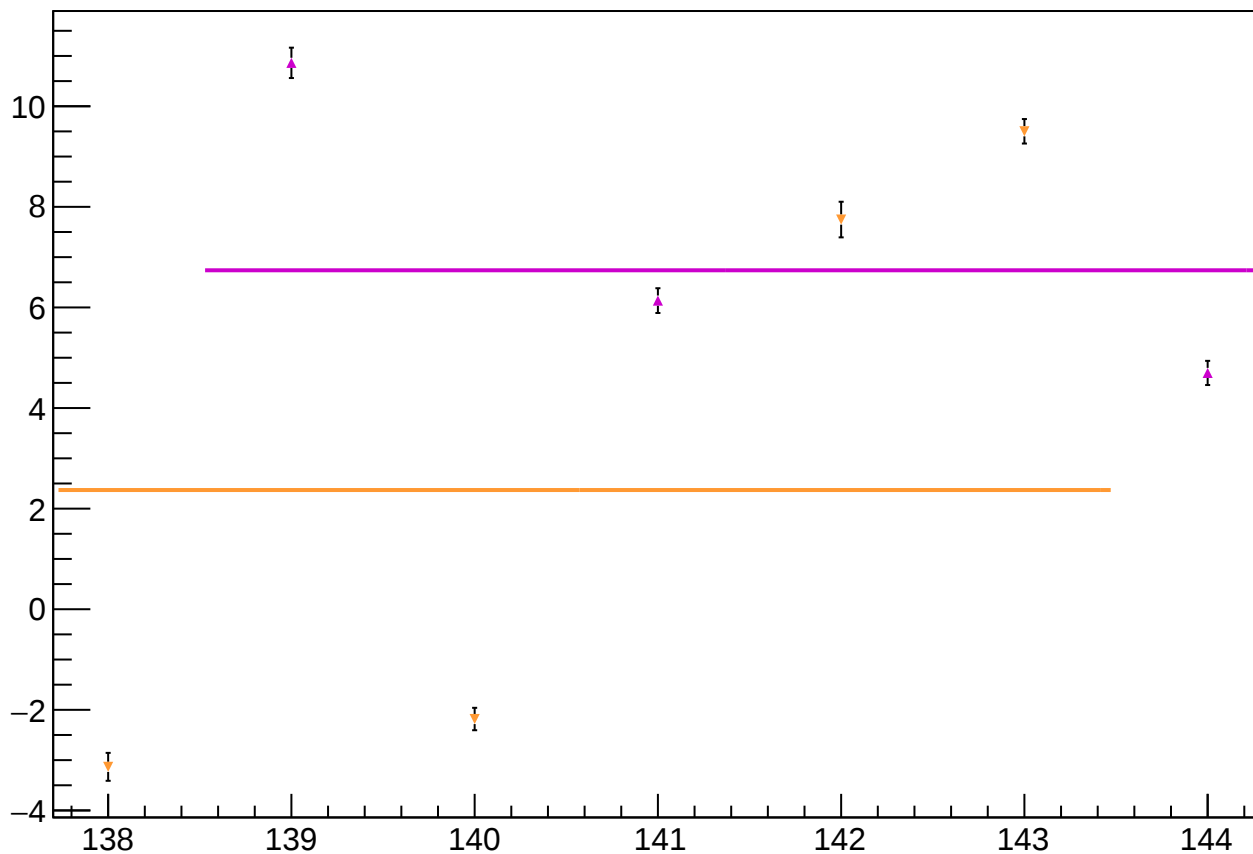
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.090 ± 0.005 χ^2/NDF : 9351.5/19

Out: 0.065 ± 0.005 χ^2/NDF : 10065.4/22

All: 0.077 ± 0.004 χ^2/NDF : 19427.8/42

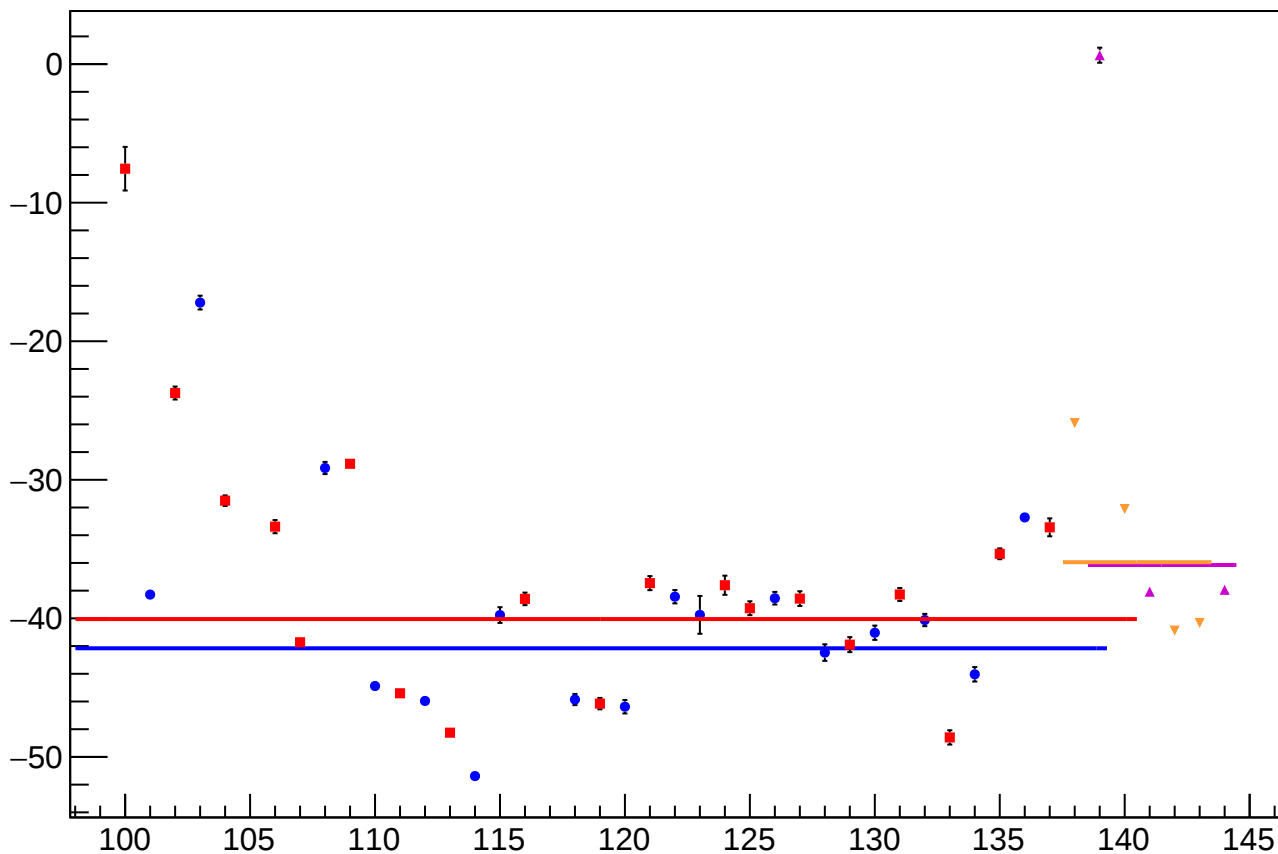
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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: 6.739+/-0.149 χ^2/NDF :264.8/2

Left: 4.274+/-0.099 χ^2/NDF : 2647.0/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.739+/-0.149 χ^2/NDF :264.8/2
 Out: 2.370+/-0.131 χ^2/NDF :1899.9/3
 All: 4.274+/-0.099 χ^2/NDF : 2647.0/6

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -35.946 ± 0.100 χ^2/NDF : 3016.0/3

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -36.149 ± 0.119 χ^2/NDF : 4794.2/2

Left: -36.030 ± 0.077 χ^2/NDF : 7811.9/6

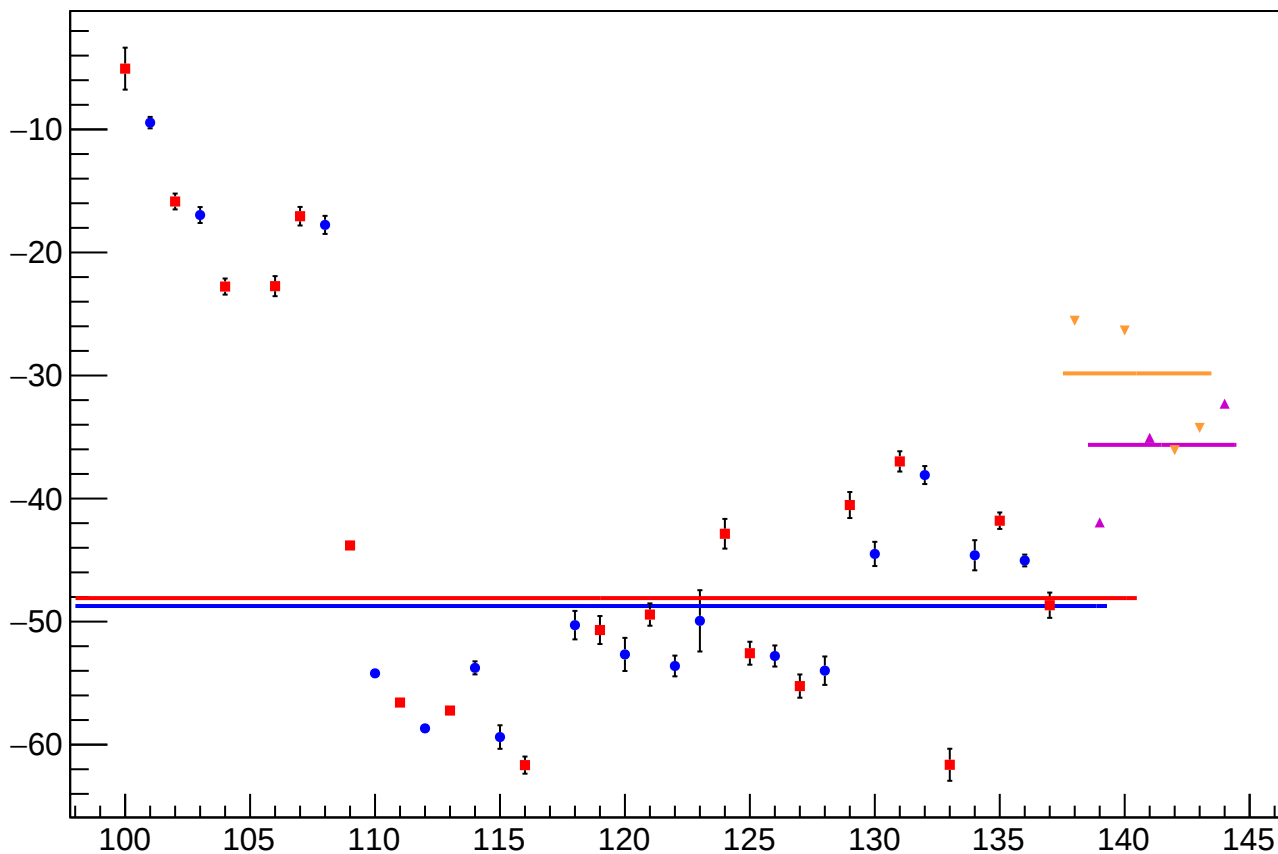
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -40.363 ± 0.065 χ^2/NDF : 13144.5/19

Out: -38.629 ± 0.059 χ^2/NDF : 15428.9/22

All: -39.406 ± 0.044 χ^2/NDF : 28963.1/42

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: -48.090+/-0.107 χ^2/NDF : 11731.5/18

Left In: -35.636+/-0.160 χ^2/NDF :546.1/2

Left: -32.358+/-0.106 χ^2/NDF : 2270.4/6

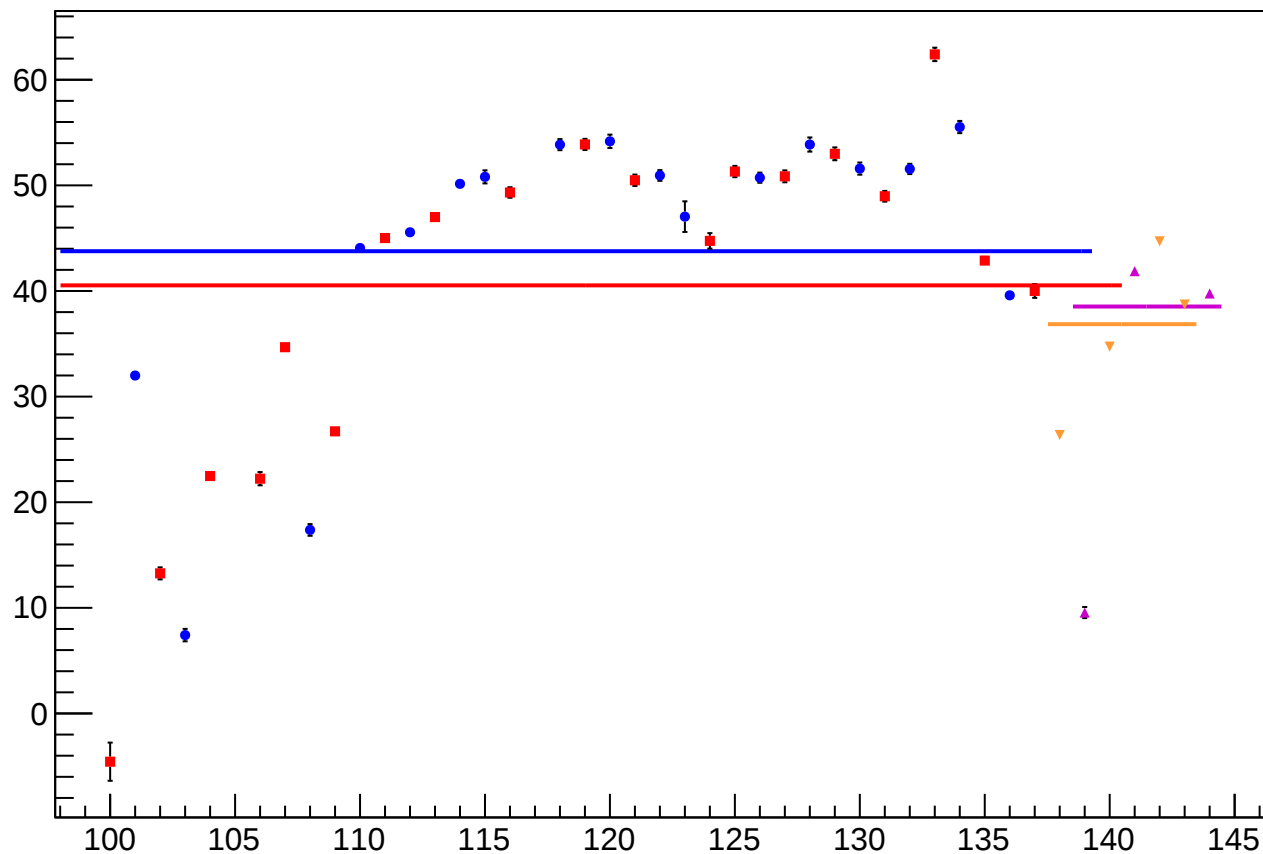
Right: -48.363+/-0.081 χ^2/NDF : 26406.2/35

In: -43.784+/-0.098 χ^2/NDF :19375.1/19

Out: -41.371+/-0.085 χ^2/NDF :23383.9/22

All: -42.406+/-0.064 χ^2/NDF : 43102.8/42

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2/NDF : 10633.5/16

Left Out: 36.857 $\pm$ 0.120 χ^2/NDF : 2159.2/3

Right Out: 40.531 $\pm$ 0.080 χ^2/NDF : 17580.8/18

Left In: 38.529 $\pm$ 0.141 χ^2/NDF : 3343.6/2

Left: 37.559 $\pm$ 0.091 χ^2/NDF : 5584.5/6

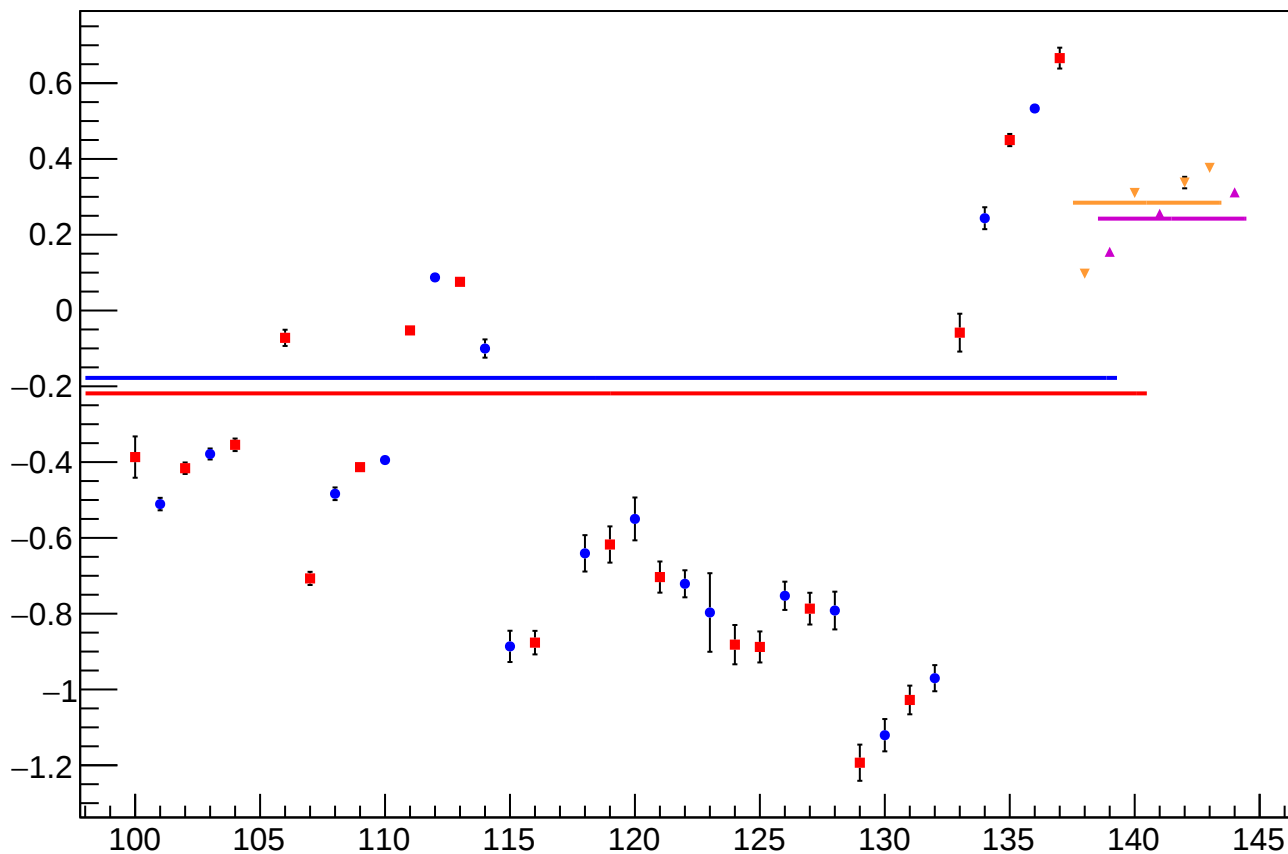
Right: 42.021 $\pm$ 0.059 χ^2/NDF : 28963.8/35

In: 42.324 $\pm$ 0.074 χ^2/NDF : 14979.8/19

Out: 39.395 $\pm$ 0.067 χ^2/NDF : 20389.7/22

All: 40.708 $\pm$ 0.049 χ^2/NDF : 36236.5/42

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.285 ± 0.006 χ^2/NDF : 341.6/3

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.242 ± 0.006 χ^2/NDF : 97.5/2

Left: 0.266 ± 0.004 χ^2/NDF : 462.9/6

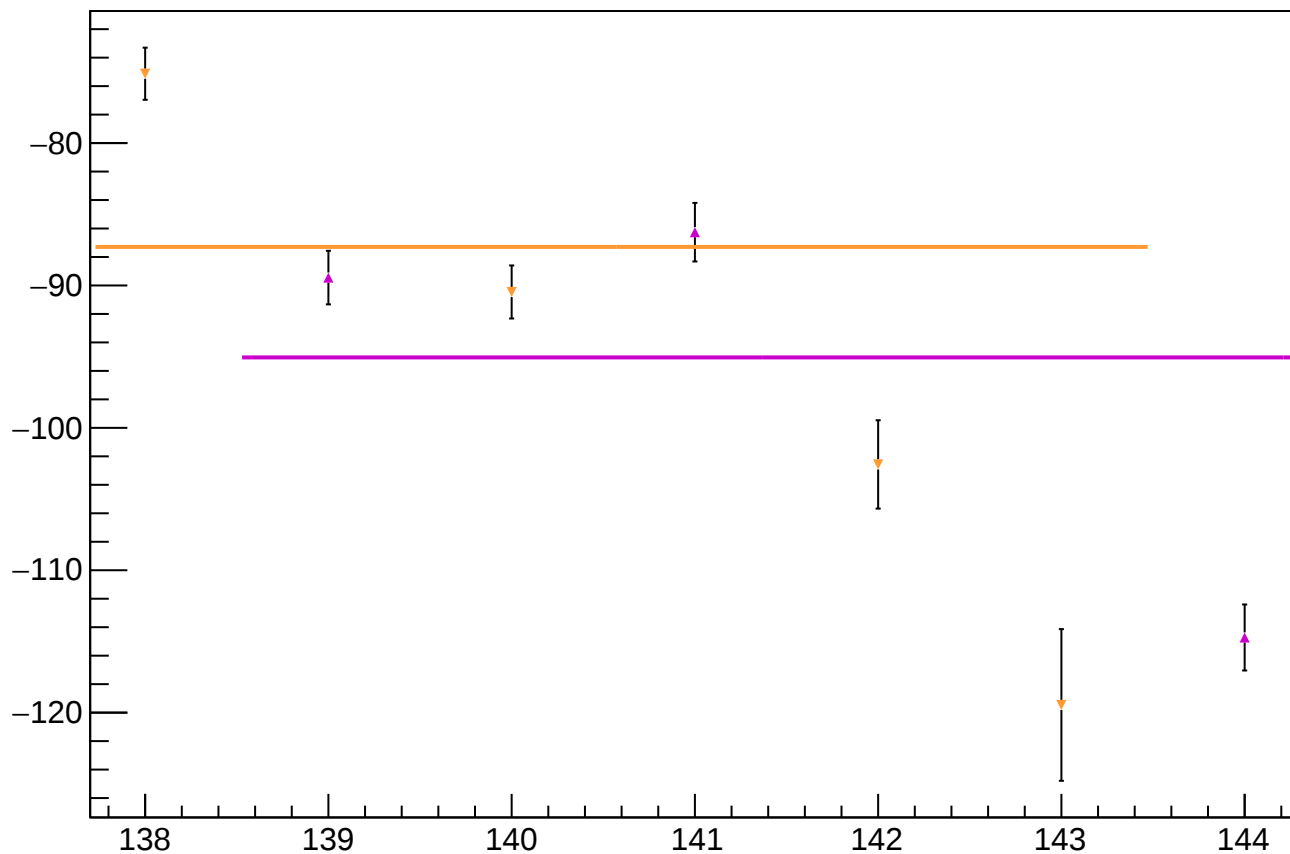
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: -0.025 ± 0.004 χ^2/NDF : 10205.8/19

Out: -0.040 ± 0.003 χ^2/NDF : 12678.9/22

All: -0.033 ± 0.003 χ^2/NDF : 22893.0/42

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: -95.053+/-1.191 χ^2/NDF :99.2/2

Left: -91.116+/-0.836 χ^2/NDF : 228.5/6

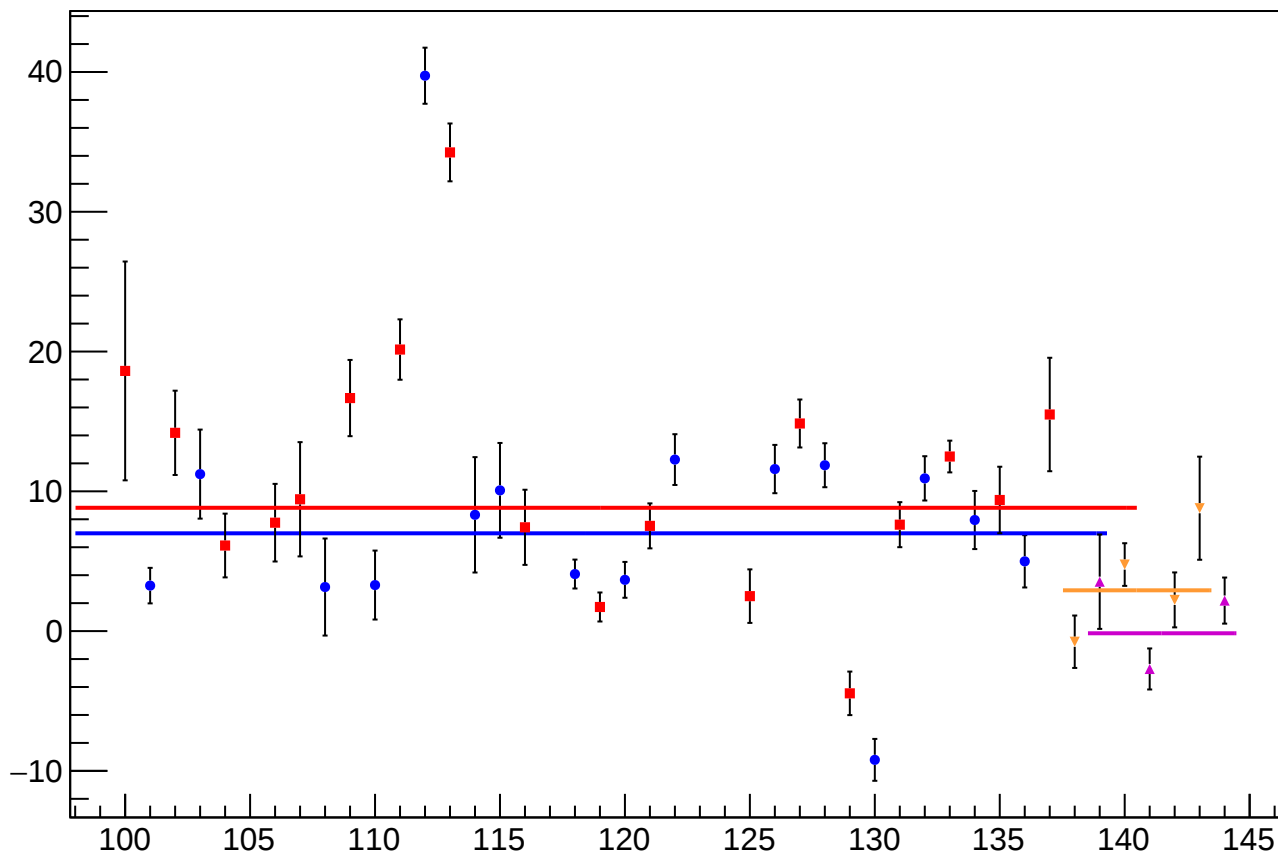
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.053+/-1.191 χ^2/NDF :99.2/2

Out: -87.293+/-1.174 χ^2/NDF :107.8/3

All: -91.116+/-0.836 χ^2/NDF : 228.5/6

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 2.918 ± 0.978 $\chi^2/\text{NDF}: 8.0/3$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: -0.156 ± 1.043 $\chi^2/\text{NDF}: 6.2/2$

Left: 1.480 ± 0.713 $\chi^2/\text{NDF}: 18.8/6$

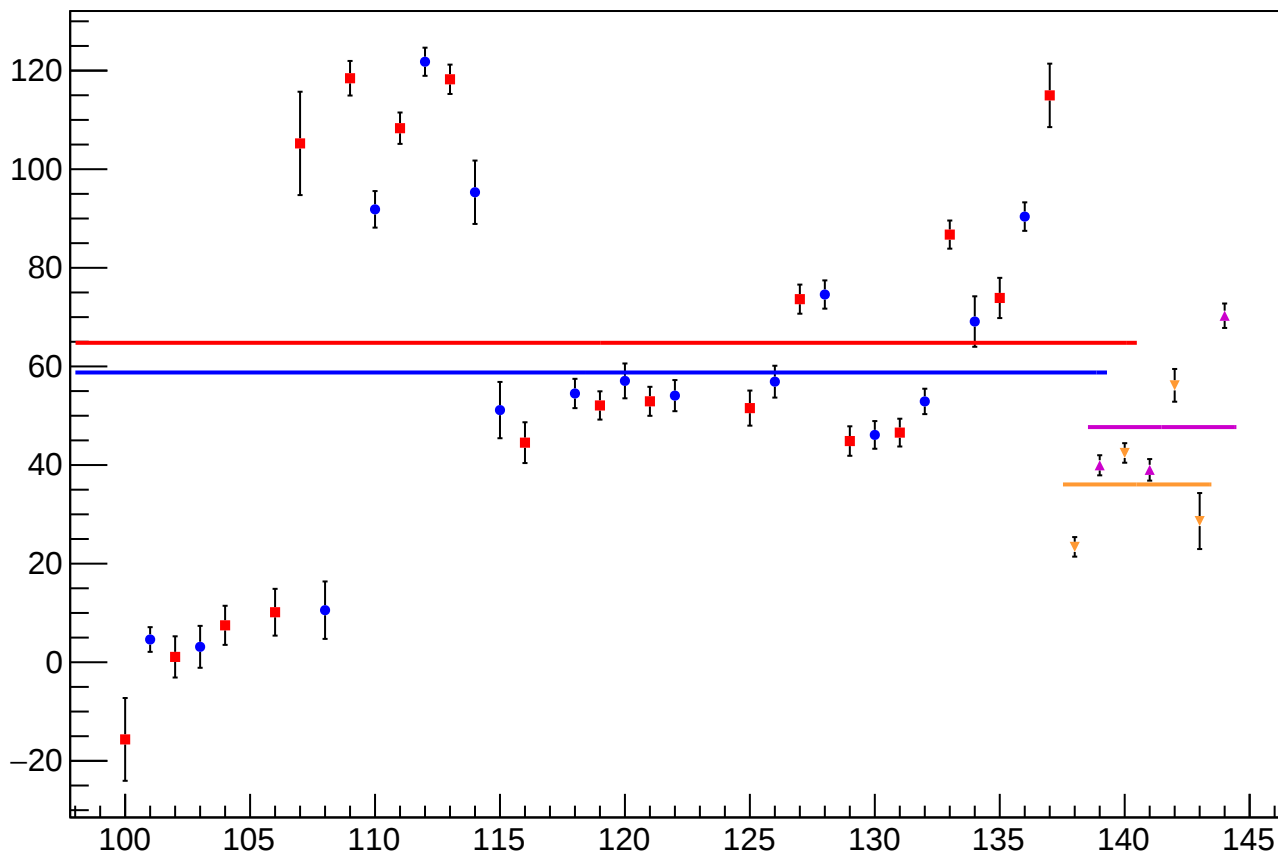
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 5.939 ± 0.401 $\chi^2/\text{NDF}: 491.7/18$

Out: 7.795 ± 0.408 $\chi^2/\text{NDF}: 388.5/21$

All: 6.851 ± 0.286 $\chi^2/\text{NDF}: 890.7/40$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 36.063 $\pm$ 1.260 χ^2 /NDF:89.4/3

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 47.699 $\pm$ 1.278 χ^2 /NDF:113.2/2

Left: 41.799 $\pm$ 0.897 χ^2 /NDF: 244.7/6

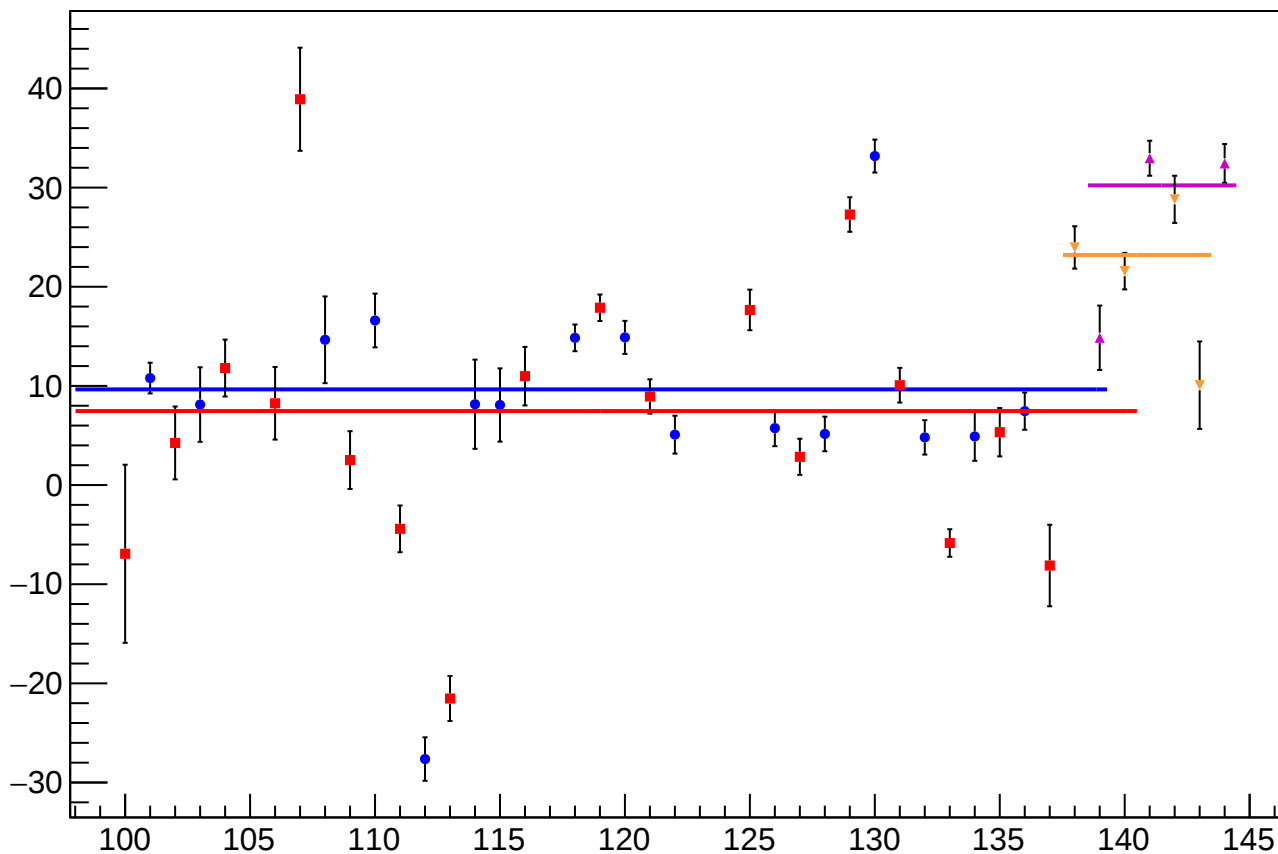
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 55.469 $\pm$ 0.698 χ^2 /NDF:1659.2/18

Out: 55.946 $\pm$ 0.699 χ^2 /NDF:2167.2/21

All: 55.707 $\pm$ 0.494 χ^2 /NDF: 3826.7/40

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 23.206 $\pm$ 1.160 χ^2 /NDF:15.3/3

Right Out: 7.463 $\pm$ 0.516 χ^2 /NDF: 566.9/17

Left In: 30.223 $\pm$ 1.216 χ^2 /NDF:26.1/2

Left: 26.551 $\pm$ 0.839 χ^2 /NDF: 58.9/6

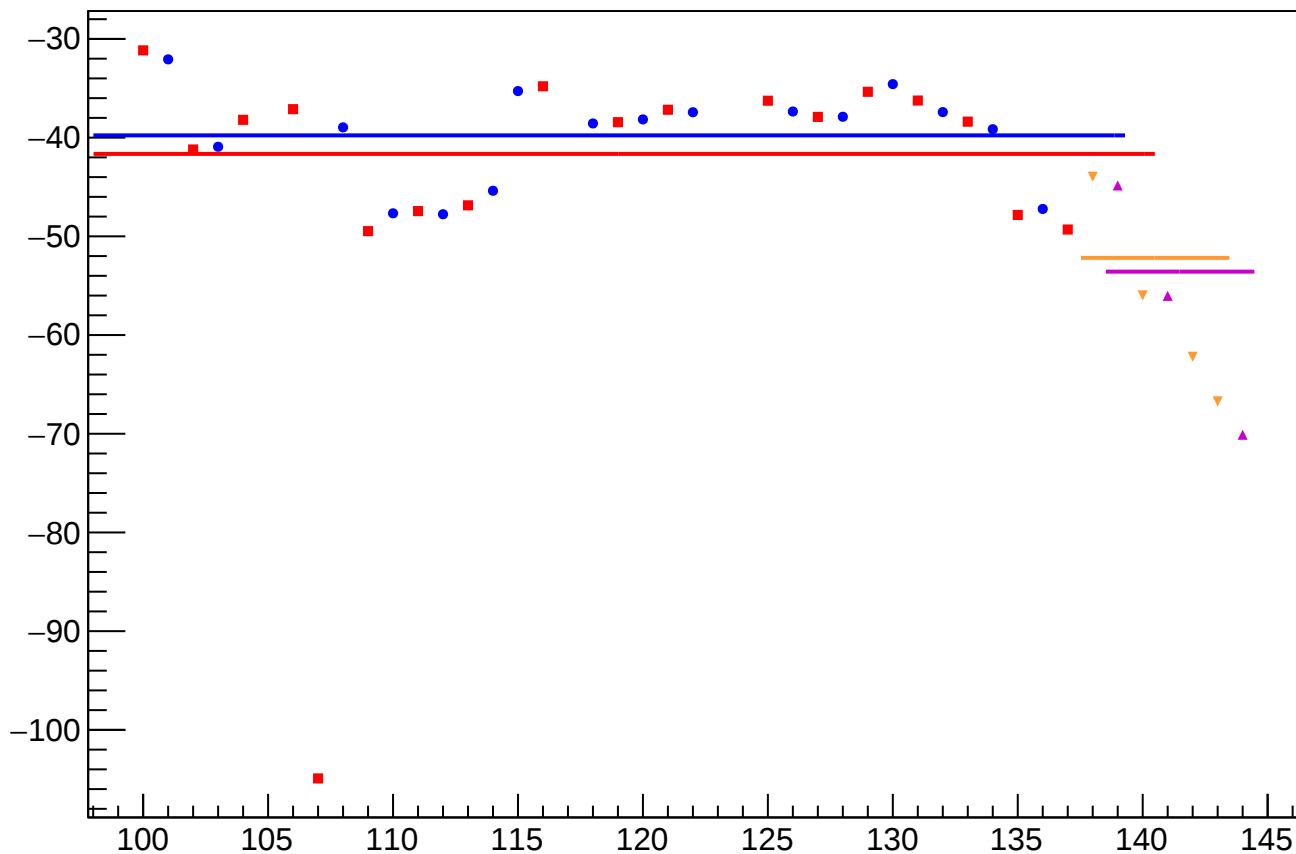
Right: 8.585 $\pm$ 0.360 χ^2 /NDF: 1129.6/33

In: 12.646 $\pm$ 0.464 χ^2 /NDF:824.4/18

Out: 10.059 $\pm$ 0.471 χ^2 /NDF:735.9/21

All: 11.373 $\pm$ 0.331 χ^2 /NDF: 1575.6/40

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -52.910 ± 0.036 χ^2/NDF : 61902.9/6

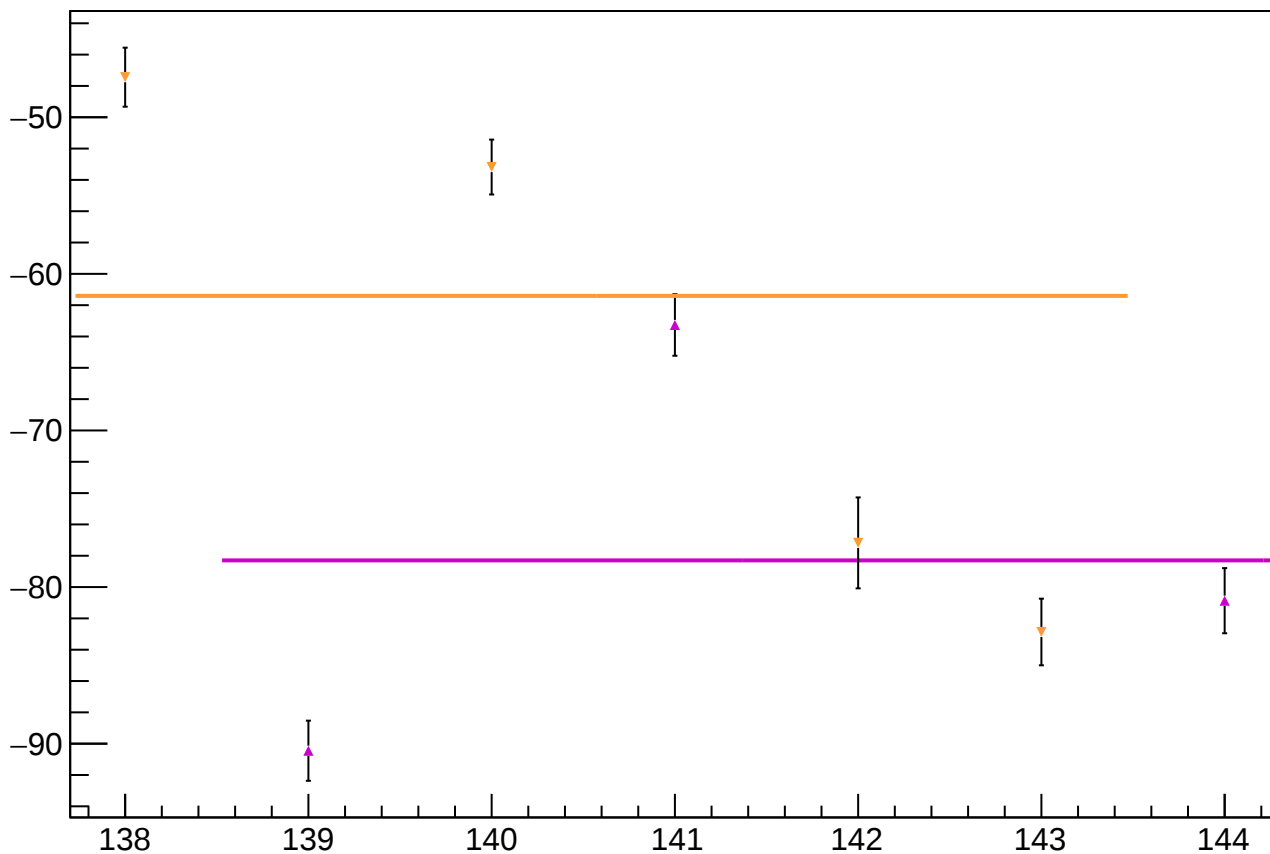
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -43.680 ± 0.026 χ^2/NDF : 120754.5/18

Out: -44.452 ± 0.027 χ^2/NDF : 147600.2/21

All: -44.060 ± 0.019 χ^2/NDF : 268778.4/40

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: -78.296+/-1.146 χ^2/NDF :100.1/2

Left: -68.934+/-0.765 χ^2/NDF : 428.6/6

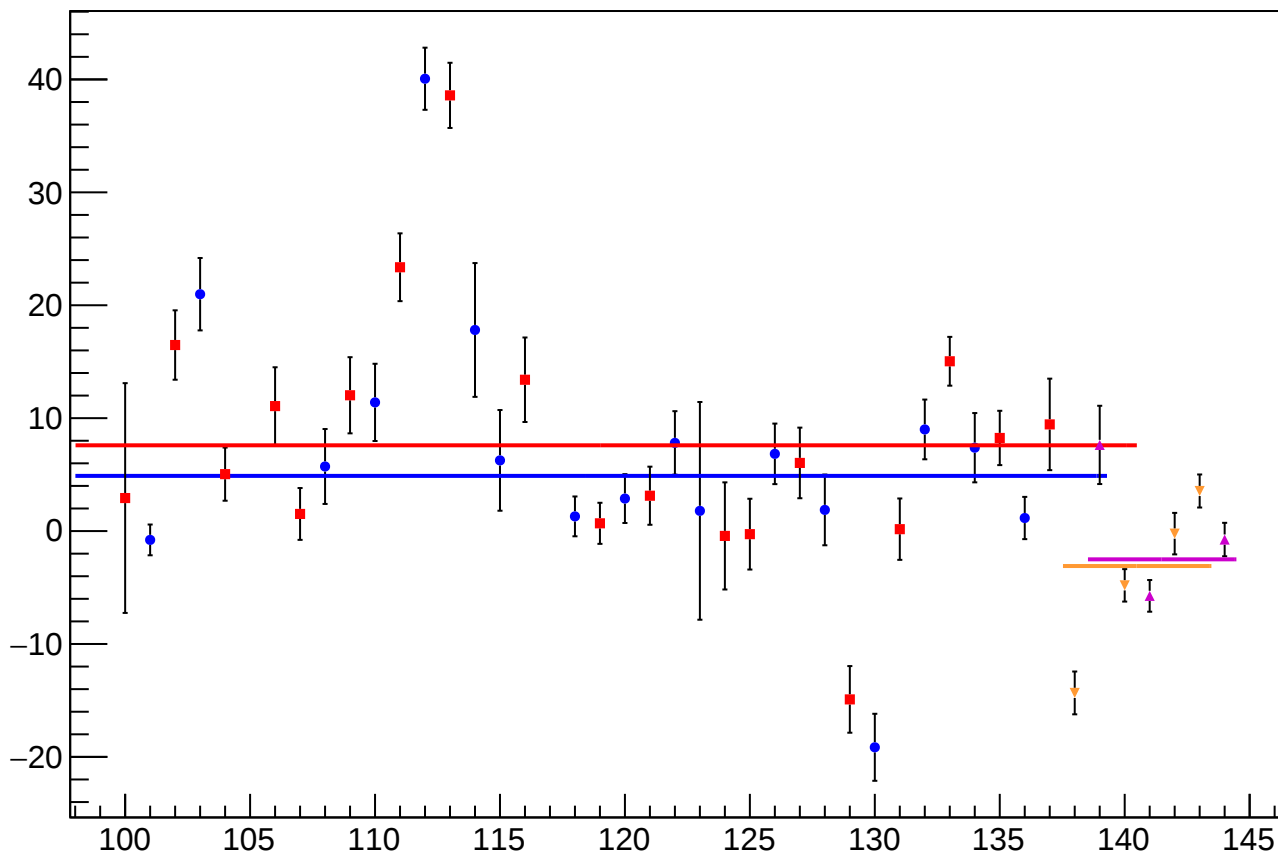
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.296+/-1.146 χ^2/NDF :100.1/2

Out: -61.407+/-1.028 χ^2/NDF :208.2/3

All: -68.934+/-0.765 χ^2/NDF : 428.6/6

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 $\pm$ 0.622 χ^2 /NDF: 294.7/16

Left Out: -3.096 $\pm$ 0.810 χ^2 /NDF: 59.6/3

Right Out: 7.596 $\pm$ 0.651 χ^2 /NDF: 269.4/18

Left In: -2.504 $\pm$ 0.977 χ^2 /NDF: 15.3/2

Left: -2.855 $\pm$ 0.623 χ^2 /NDF: 75.1/6

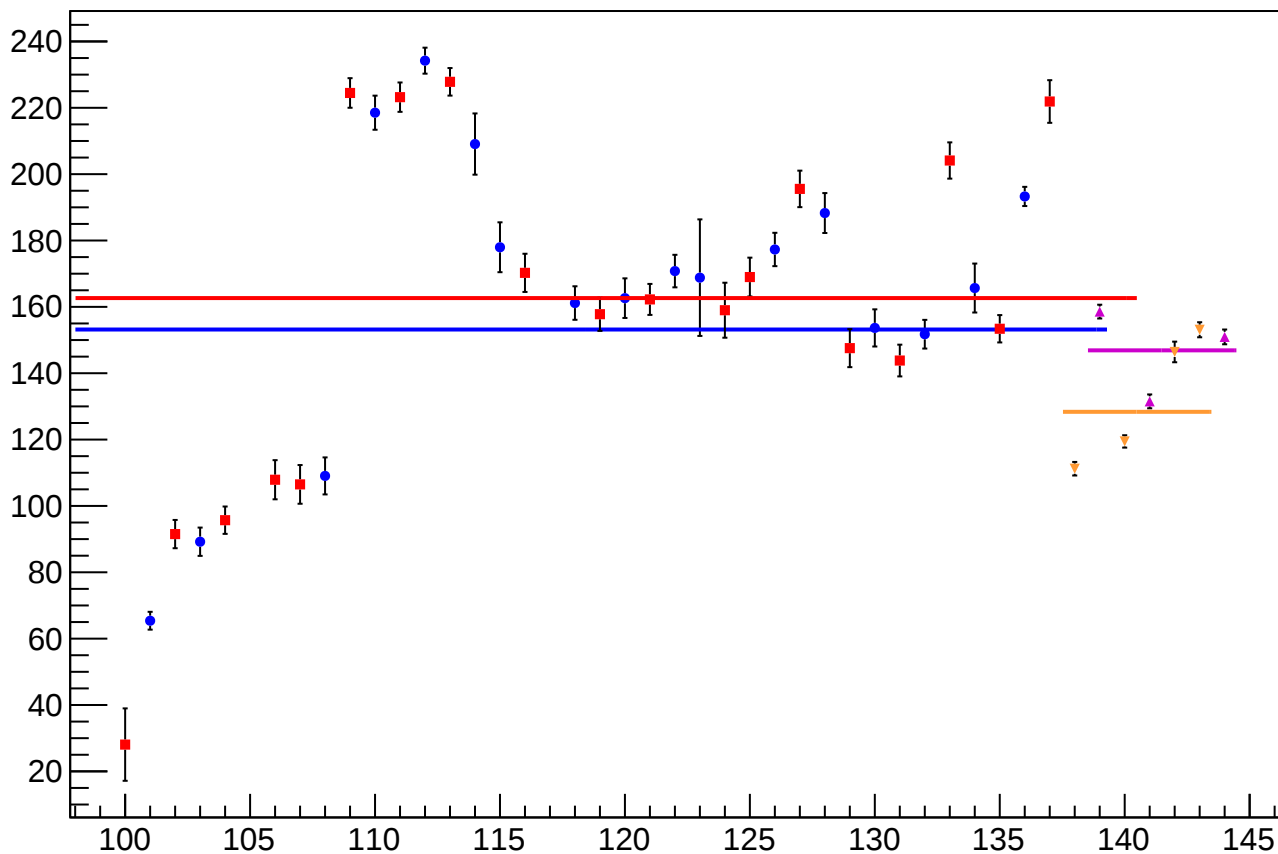
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 2.757 $\pm$ 0.525 χ^2 /NDF: 350.7/19

Out: 3.398 $\pm$ 0.507 χ^2 /NDF: 434.9/22

All: 3.089 $\pm$ 0.365 χ^2 /NDF: 786.4/42

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 128.368 $\pm$ 1.101 χ^2 /NDF:245.9/3

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 146.893 $\pm$ 1.229 χ^2 /NDF:89.1/2

Left: 136.620 $\pm$ 0.820 χ^2 /NDF: 461.0/6

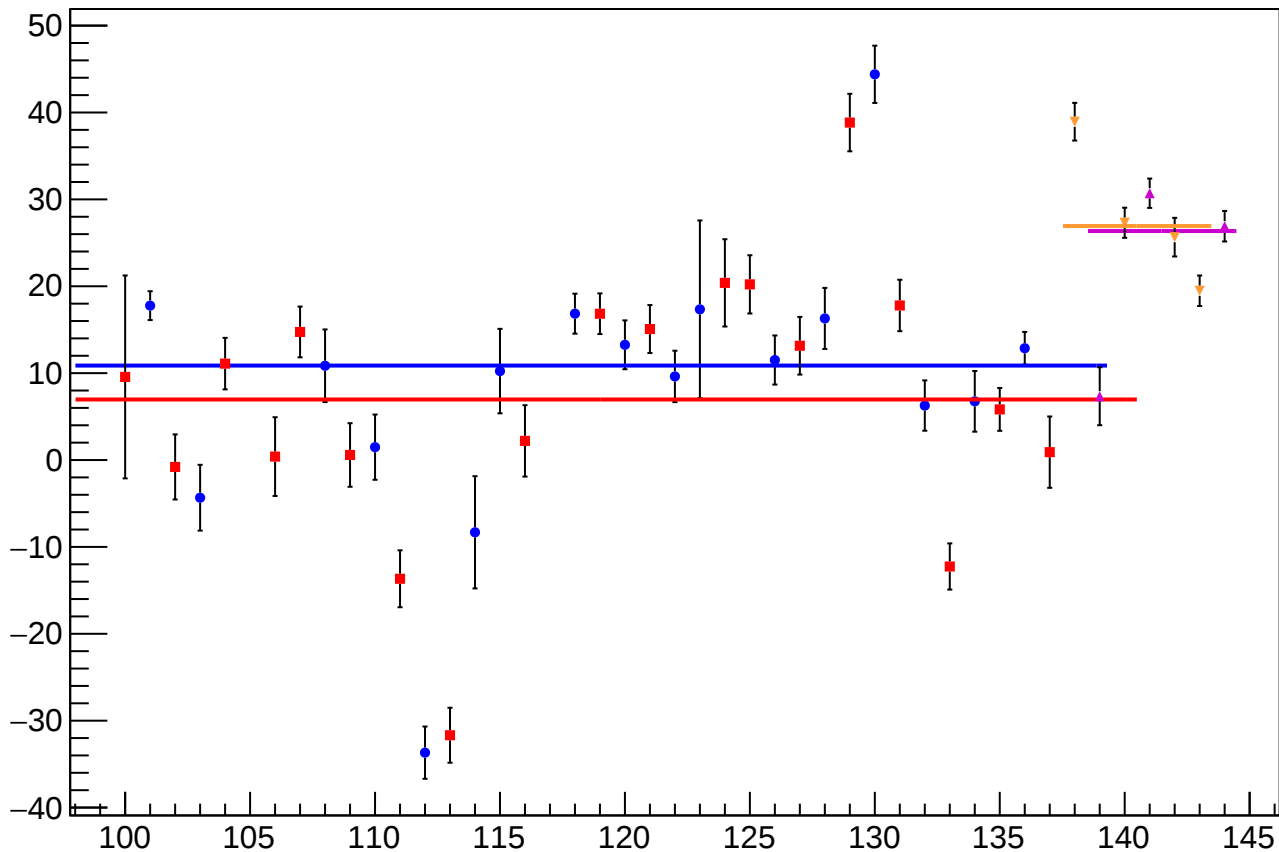
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 150.251 $\pm$ 0.838 χ^2 /NDF:2367.3/19

Out: 144.381 $\pm$ 0.804 χ^2 /NDF:2407.2/22

All: 147.194 $\pm$ 0.580 χ^2 /NDF: 4800.0/42

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 26.931 $\pm$ 0.966 χ^2 /NDF: 49.0/3

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 26.358 $\pm$ 1.143 χ^2 /NDF: 39.2/2

Left: 26.692 $\pm$ 0.738 χ^2 /NDF: 88.3/6

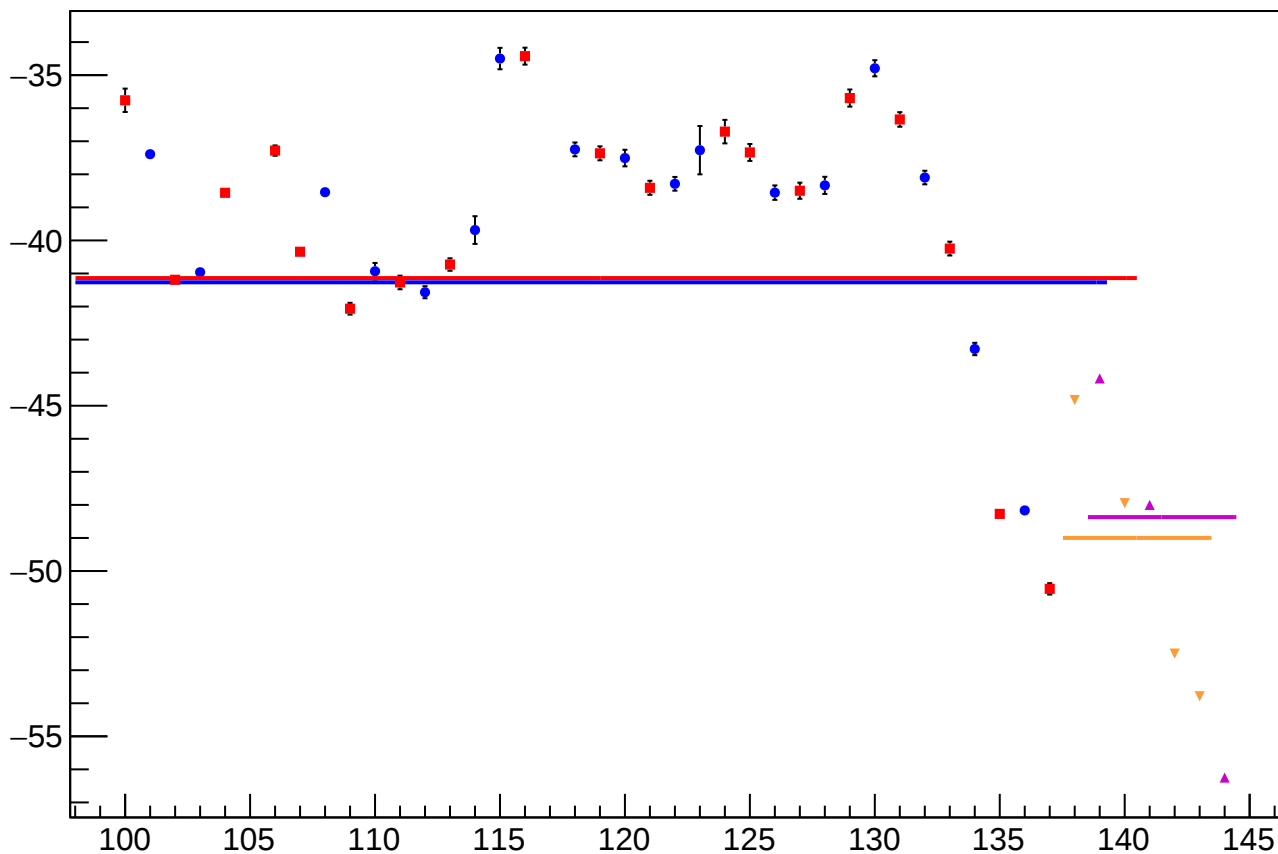
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 15.221 $\pm$ 0.606 χ^2 /NDF: 557.8/19

Out: 14.445 $\pm$ 0.591 χ^2 /NDF: 738.4/22

All: 14.824 $\pm$ 0.423 χ^2 /NDF: 1297.1/42

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -48.998 ± 0.045 $\chi^2/\text{NDF}: 6365.9/3$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -48.368 ± 0.048 $\chi^2/\text{NDF}: 9843.3/2$

Left: -48.703 ± 0.033 $\chi^2/\text{NDF}: 16300.1/6$

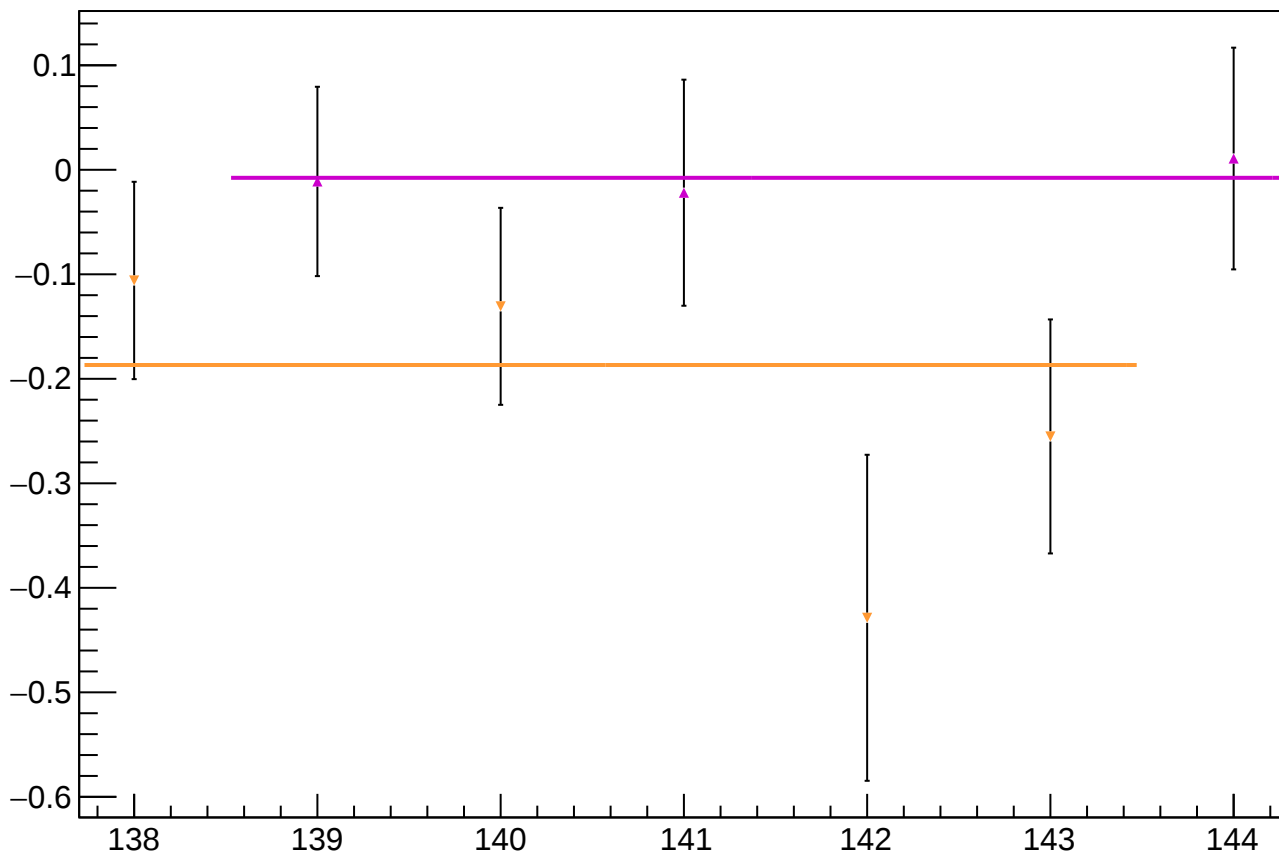
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -44.039 ± 0.030 $\chi^2/\text{NDF}: 35690.5/19$

Out: -44.448 ± 0.029 $\chi^2/\text{NDF}: 36052.9/22$

All: -44.249 ± 0.021 $\chi^2/\text{NDF}: 71837.9/42$

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: -0.008+/-0.058 χ^2/NDF : 0.0/2

Left: -0.104+/-0.039 χ^2/NDF : 9.0/6

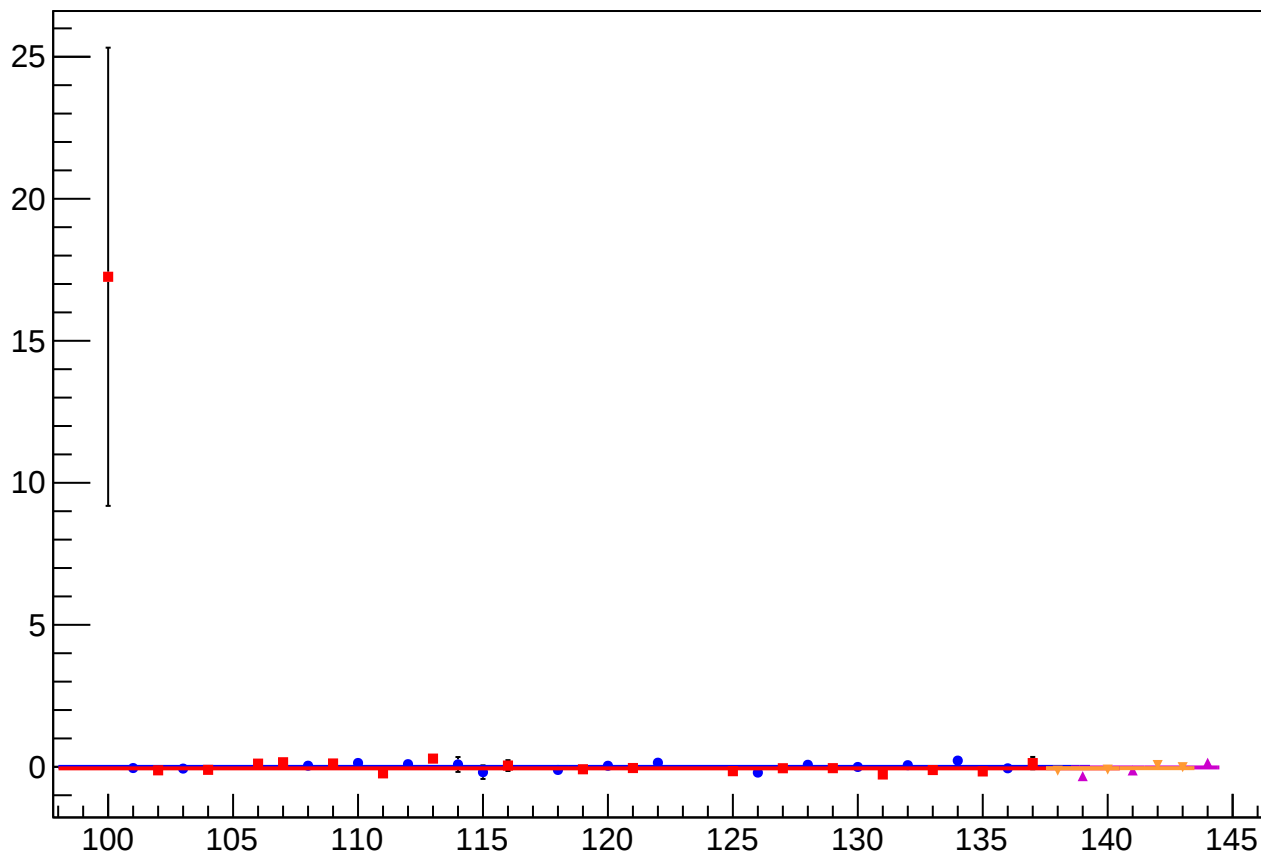
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.008+/-0.058 χ^2/NDF : 0.0/2

Out: -0.187+/-0.054 χ^2/NDF : 3.9/3

All: -0.104+/-0.039 χ^2/NDF : 9.0/6

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.047 ± 0.043 $\chi^2/\text{NDF}: 2.6/3$

Right Out: -0.053 ± 0.029 $\chi^2/\text{NDF}: 25.5/17$

Left In: -0.021 ± 0.052 $\chi^2/\text{NDF}: 10.1/2$

Left: -0.036 ± 0.033 $\chi^2/\text{NDF}: 12.8/6$

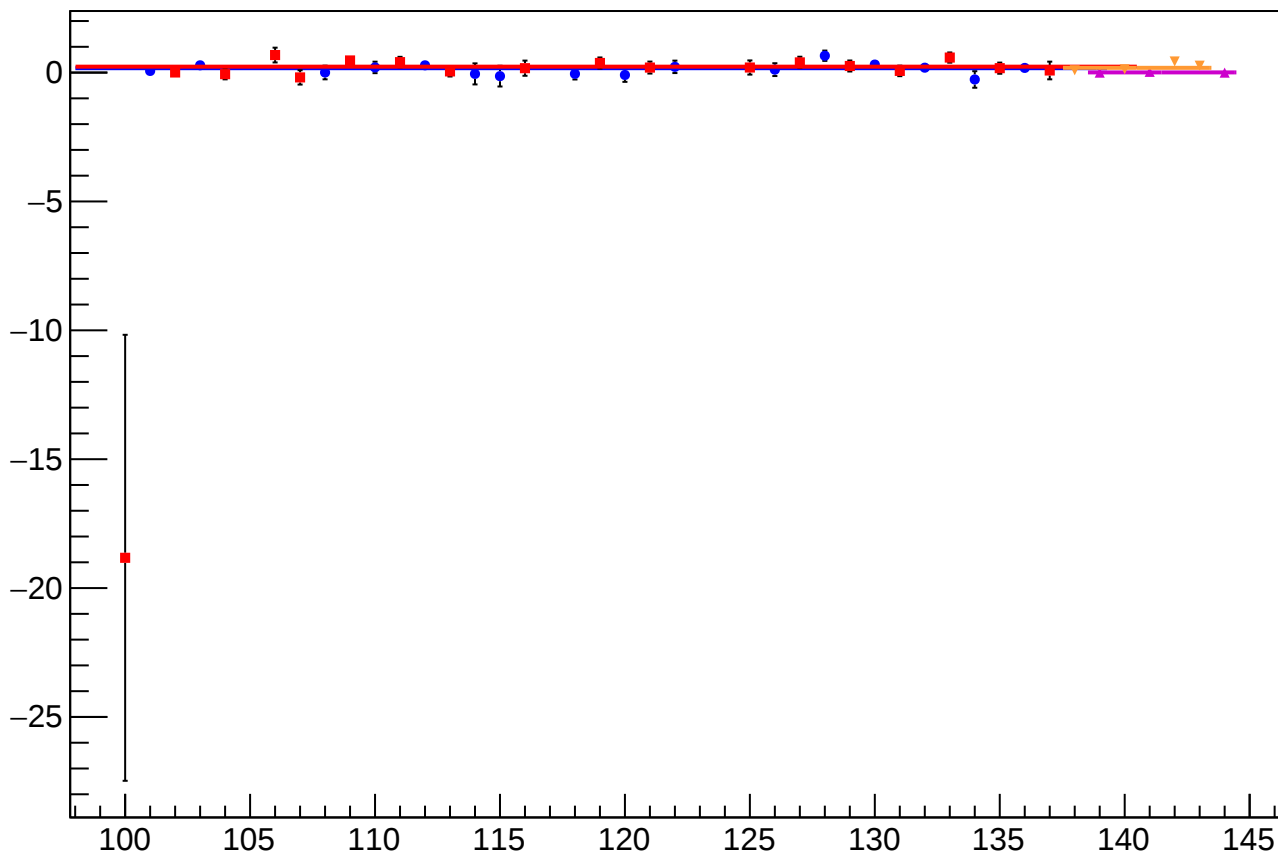
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 39.2/33$

In: -0.006 ± 0.025 $\chi^2/\text{NDF}: 22.3/18$

Out: -0.051 ± 0.024 $\chi^2/\text{NDF}: 28.2/21$

All: -0.029 ± 0.017 $\chi^2/\text{NDF}: 52.1/40$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.184 $\pm$ 0.058 χ^2 /NDF:3.8/3

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.007 $\pm$ 0.062 χ^2 /NDF:0.0/2

Left: 0.102 $\pm$ 0.042 χ^2 /NDF: 8.3/6

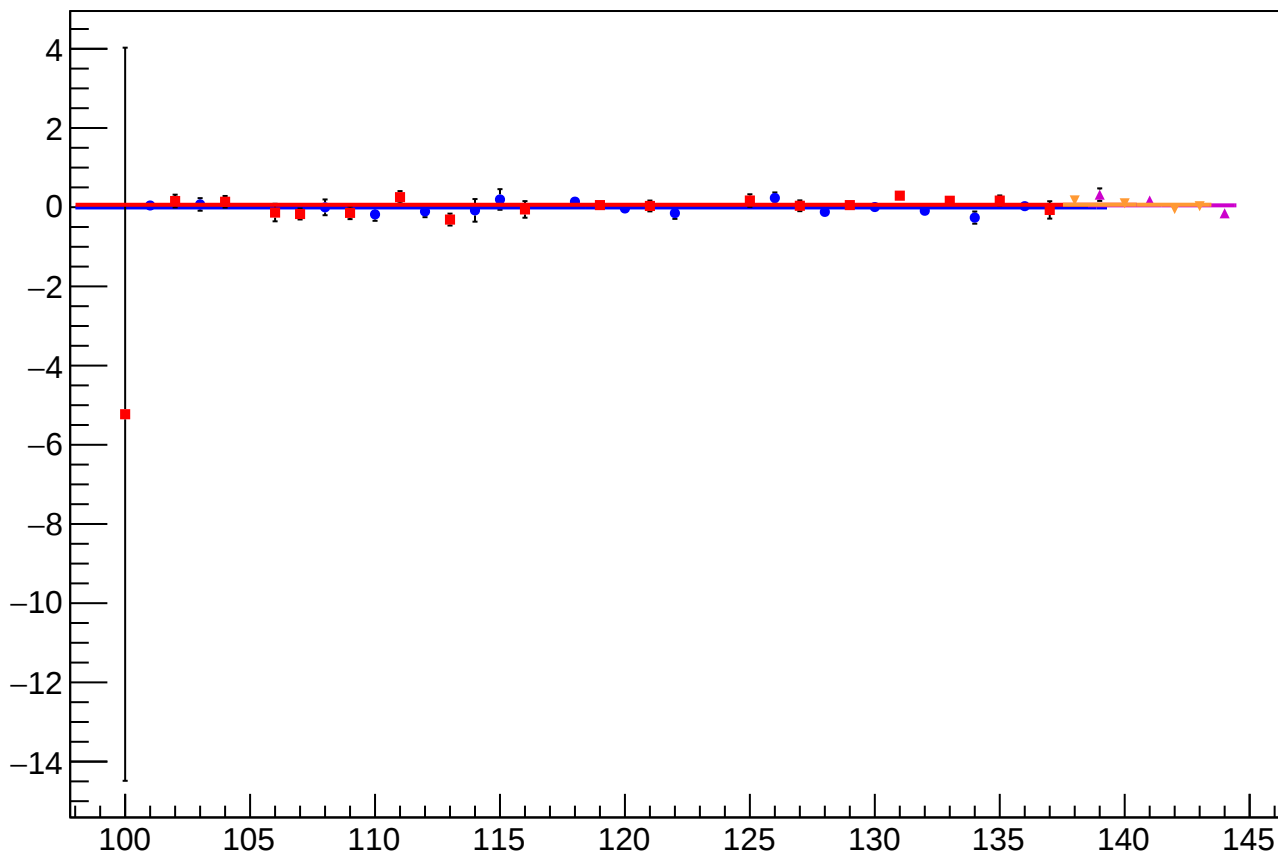
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.103 $\pm$ 0.040 χ^2 /NDF:17.1/18

Out: 0.208 $\pm$ 0.039 χ^2 /NDF:25.8/21

All: 0.156 $\pm$ 0.028 χ^2 /NDF: 46.5/40

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.063 ± 0.051 χ^2/NDF : 2.1/3

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.047 ± 0.060 χ^2/NDF : 9.7/2

Left: 0.056 ± 0.039 χ^2/NDF : 11.8/6

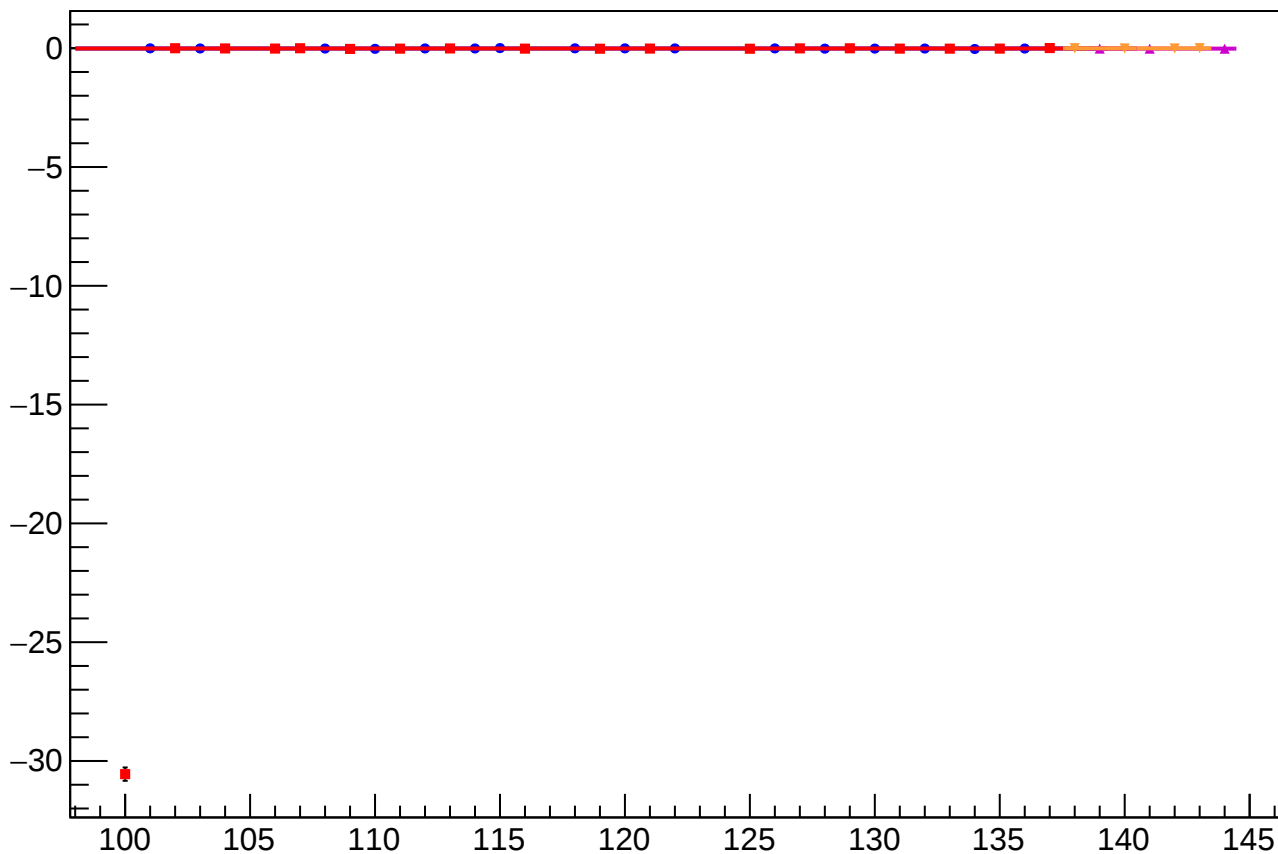
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.006 ± 0.029 χ^2/NDF : 23.5/18

Out: 0.062 ± 0.028 χ^2/NDF : 22.4/21

All: 0.034 ± 0.020 χ^2/NDF : 47.8/40

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.004 ± 0.002 χ^2/NDF : 5.0/3

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.017 ± 0.002 χ^2/NDF : 0.6/2

Left: -0.010 ± 0.002 χ^2/NDF : 20.7/6

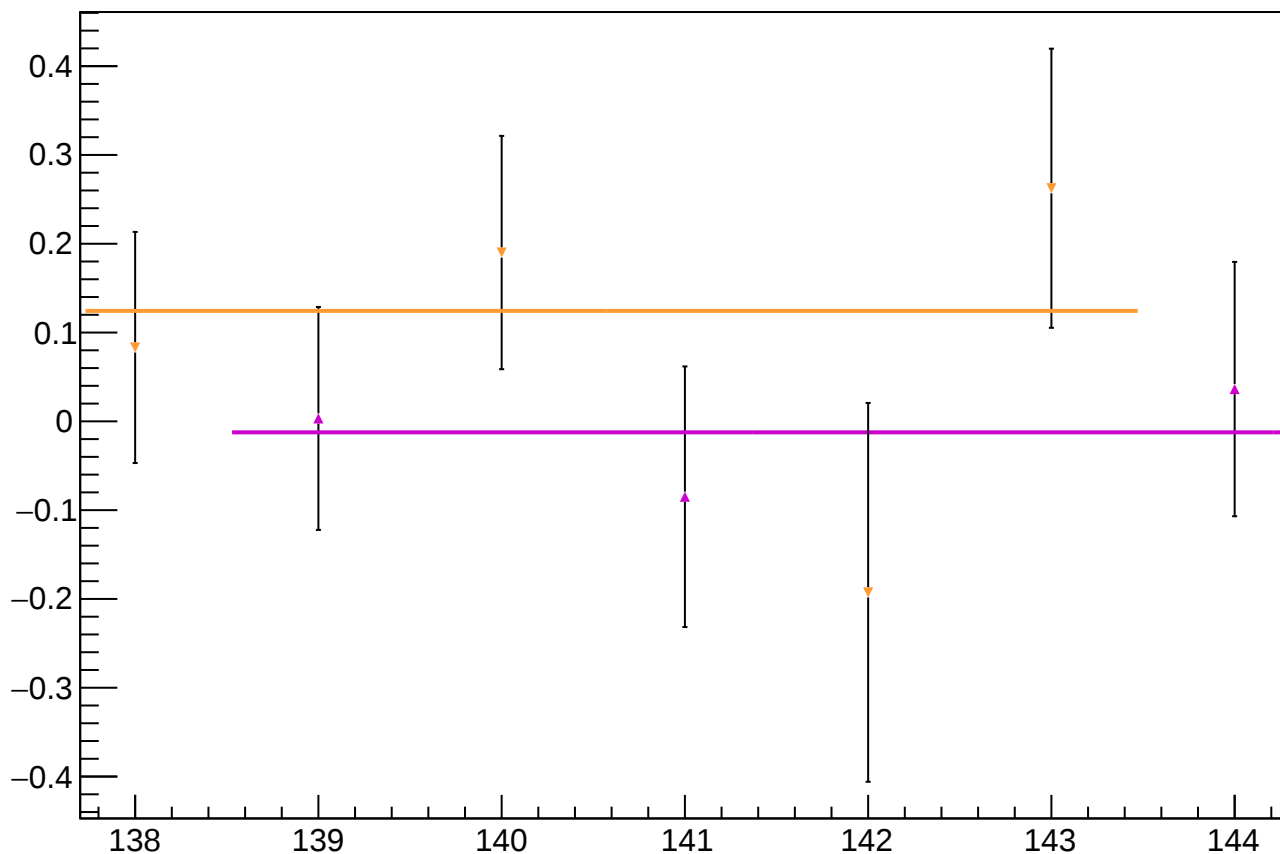
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.014 ± 0.001 χ^2/NDF : 16.6/18

Out: -0.009 ± 0.001 χ^2/NDF : 11902.6/21

All: -0.011 ± 0.001 χ^2/NDF : 11924.6/40

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: -0.012 $\pm$ 0.079 χ^2 /NDF:0.4/2

Left: 0.060 $\pm$ 0.054 χ^2 /NDF: 5.3/6

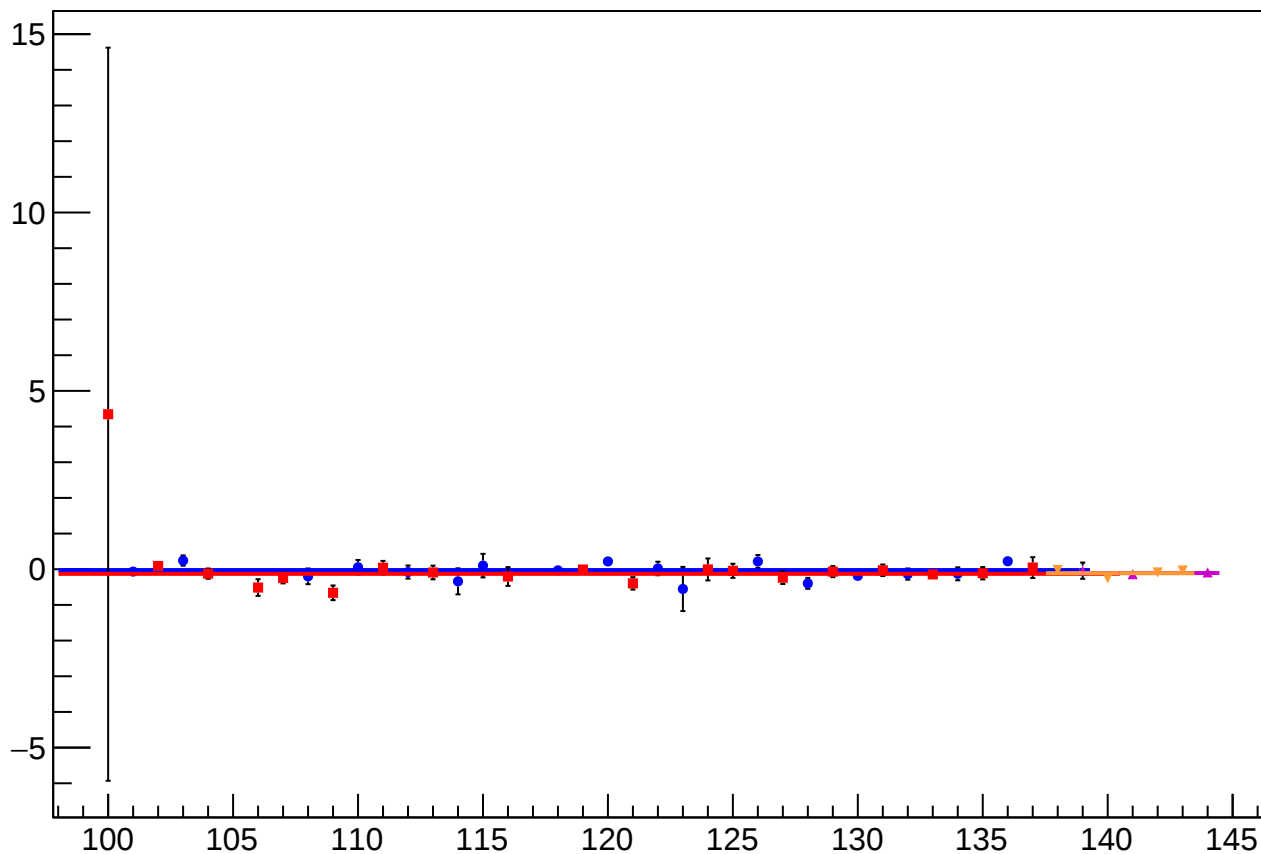
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.012 $\pm$ 0.079 χ^2 /NDF:0.4/2

Out: 0.124 $\pm$ 0.075 χ^2 /NDF:3.3/3

All: 0.060 $\pm$ 0.054 χ^2 /NDF: 5.3/6

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.111 ± 0.060 χ^2/NDF : 2.7/3

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.106 ± 0.070 χ^2/NDF : 0.2/2

Left: -0.109 ± 0.046 χ^2/NDF : 2.9/6

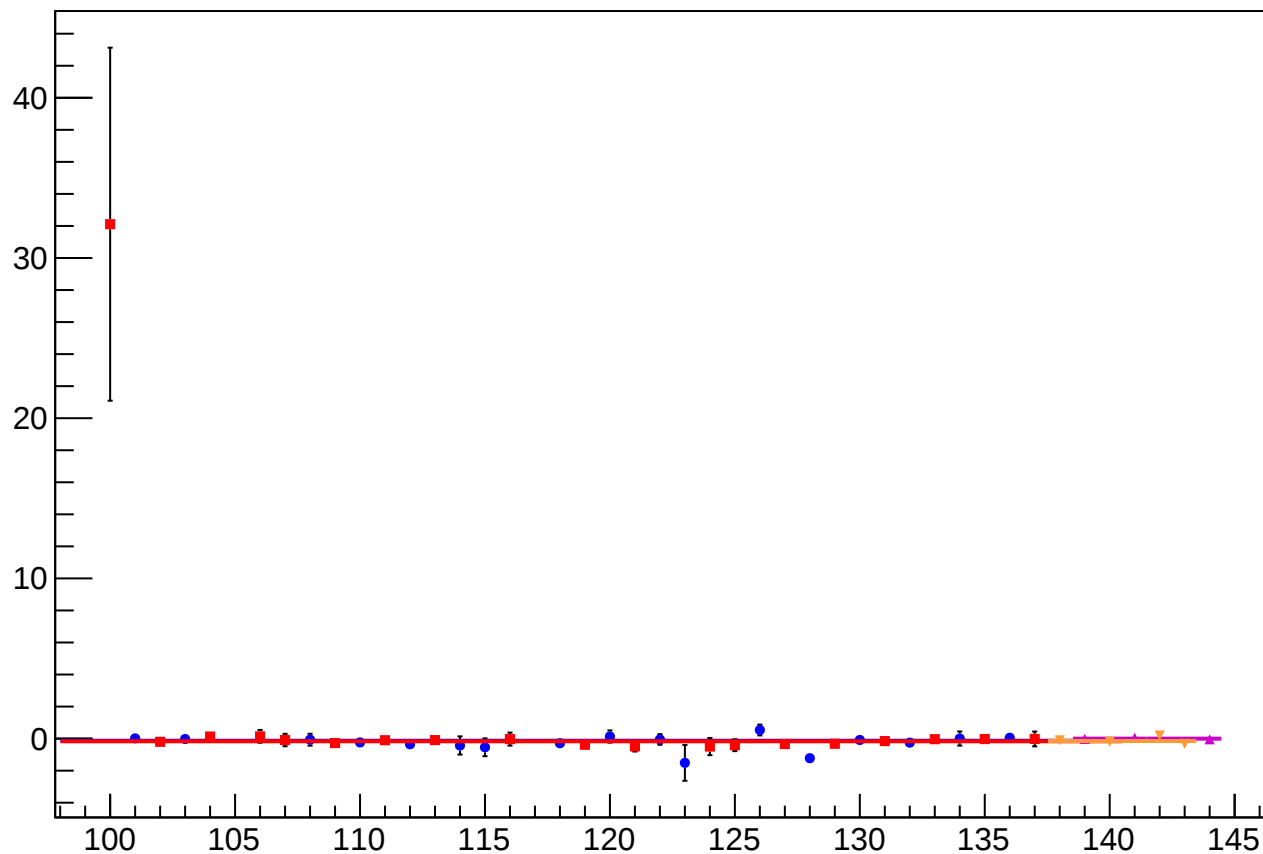
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.041 ± 0.032 χ^2/NDF : 23.7/19

Out: -0.123 ± 0.033 χ^2/NDF : 21.5/22

All: -0.081 ± 0.023 χ^2/NDF : 48.4/42

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: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: -0.002 ± 0.085 χ^2/NDF : 0.2/2

Left: -0.080 ± 0.058 χ^2/NDF : 5.3/6

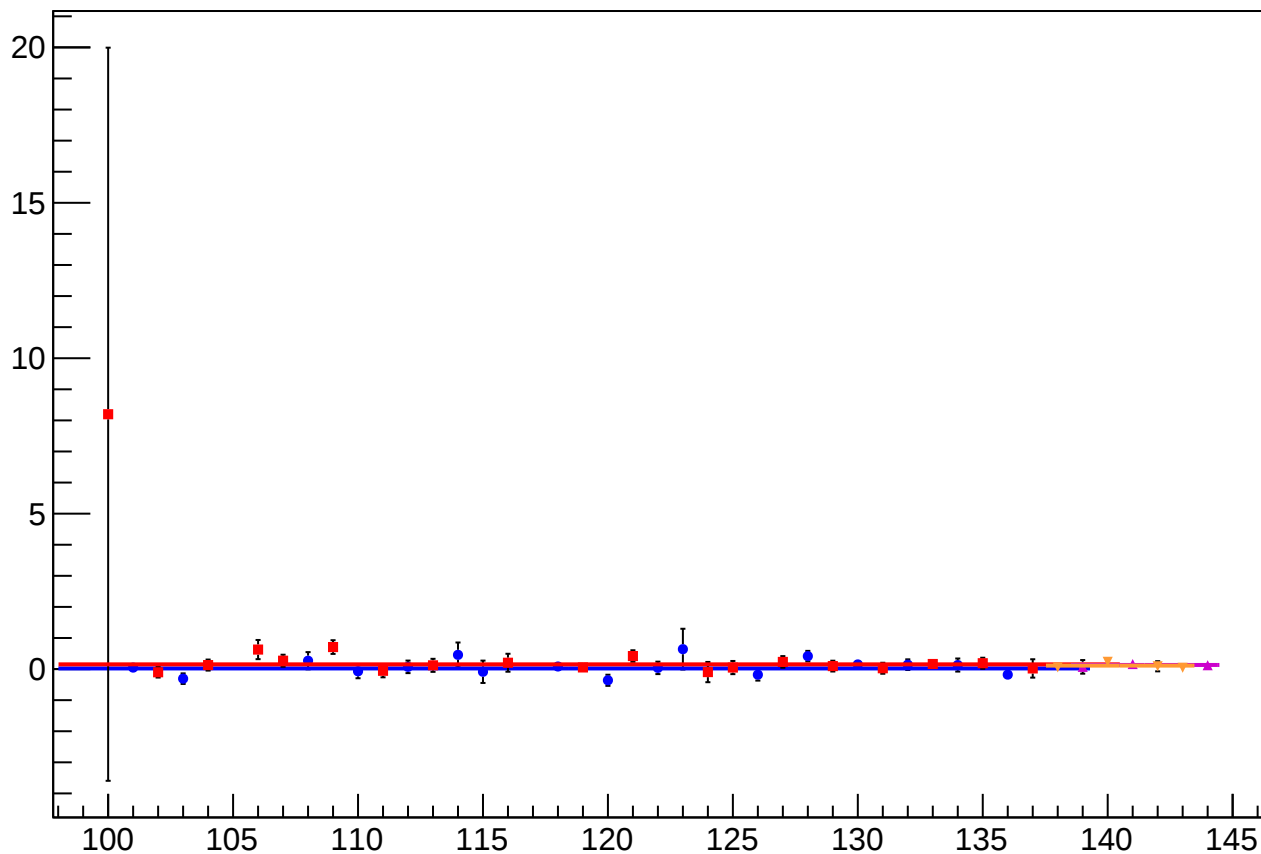
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.083 ± 0.053 χ^2/NDF : 27.4/19

Out: -0.159 ± 0.053 χ^2/NDF : 18.3/22

All: -0.121 ± 0.037 χ^2/NDF : 46.7/42

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.112 $\pm$ 0.071 χ^2 /NDF:1.3/3

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.132 $\pm$ 0.081 χ^2 /NDF:0.1/2

Left: 0.121 $\pm$ 0.054 χ^2 /NDF: 1.5/6

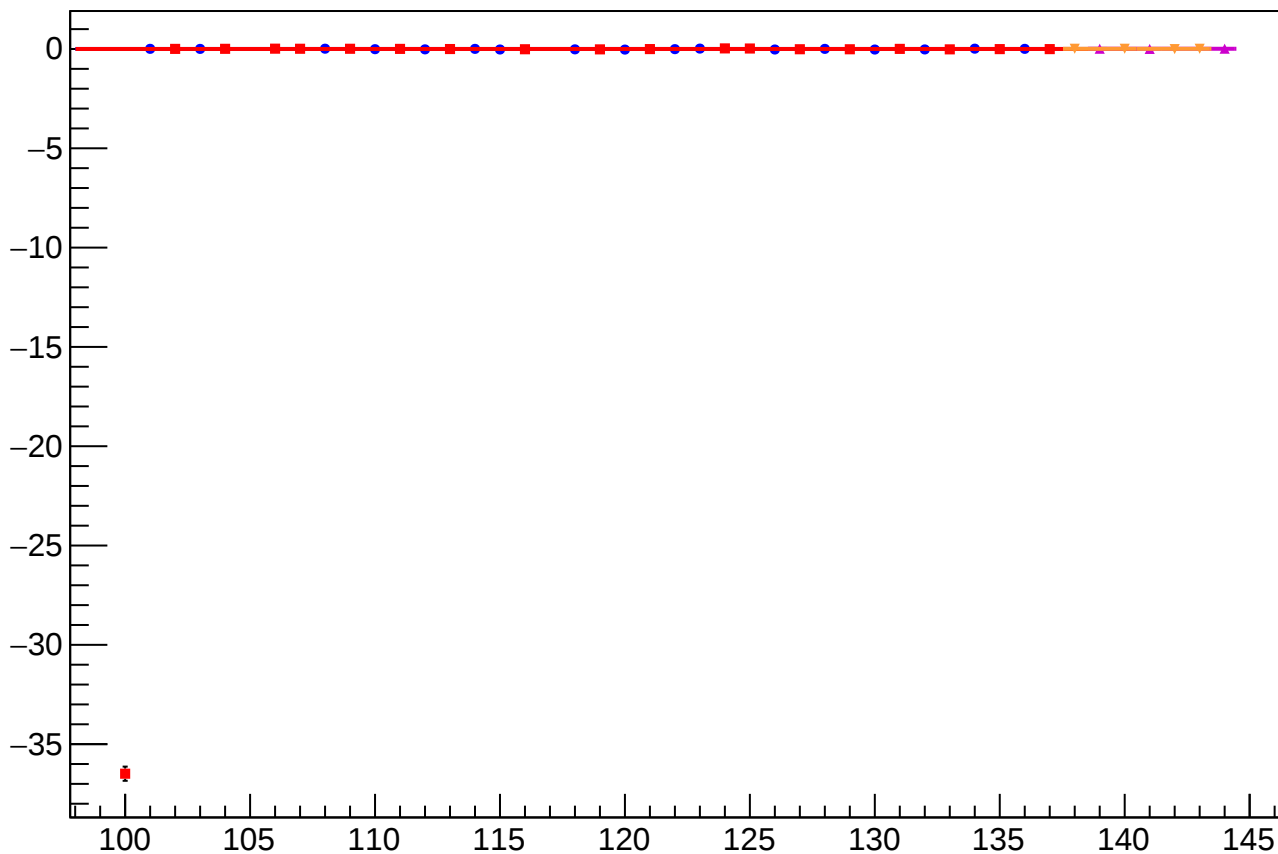
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.044 $\pm$ 0.038 χ^2 /NDF:23.4/19

Out: 0.140 $\pm$ 0.038 χ^2 /NDF:18.8/22

All: 0.091 $\pm$ 0.027 χ^2 /NDF: 45.5/42

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.003 χ^2 /NDF: 3.4/3

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.011 $\pm$ 0.003 χ^2 /NDF: 2.0/2

Left: 0.010 $\pm$ 0.002 χ^2 /NDF: 5.5/6

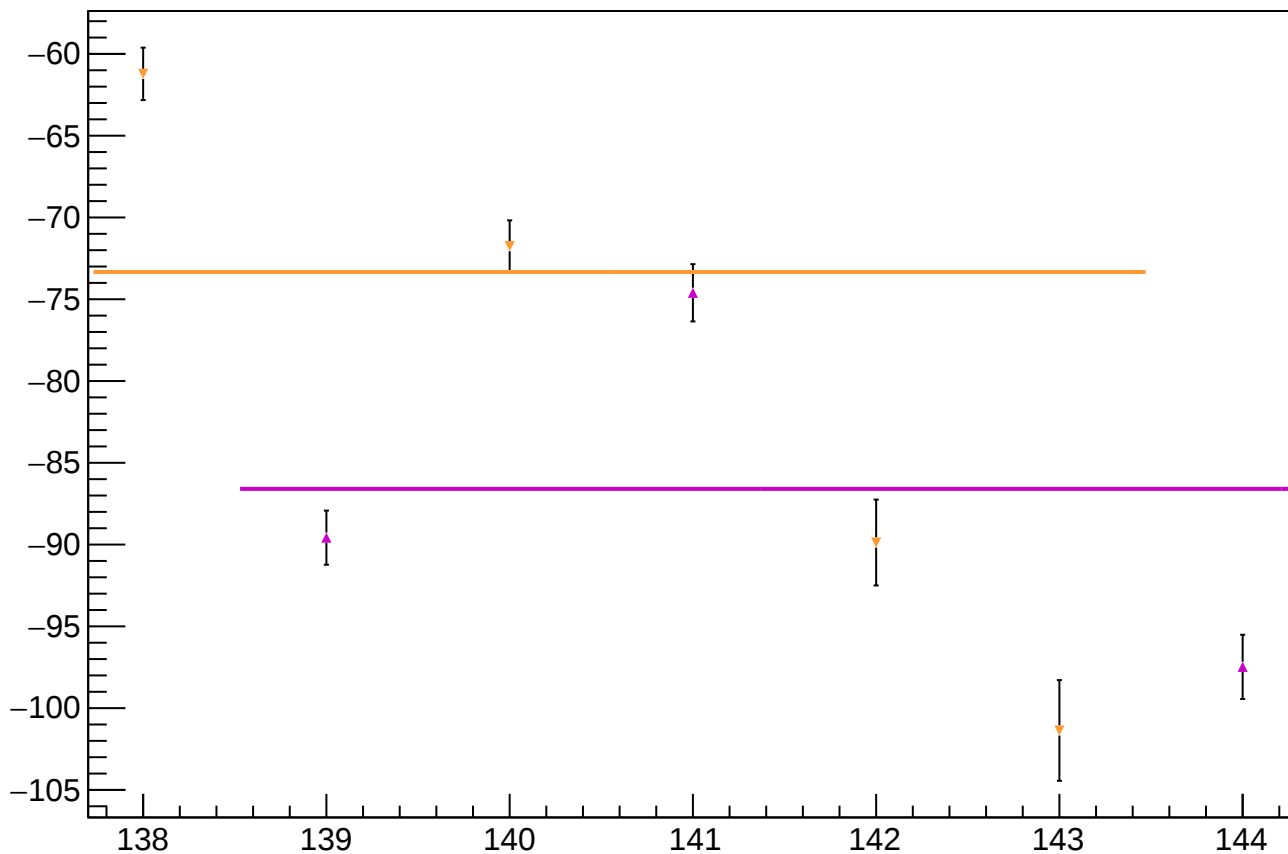
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.004 $\pm$ 0.002 χ^2 /NDF: 40.4/19

Out: 0.004 $\pm$ 0.002 χ^2 /NDF: 10457.4/22

All: 0.004 $\pm$ 0.001 χ^2 /NDF: 10497.8/42

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: -86.593+/-1.026 χ^2/NDF :80.9/2

Left: -79.654+/-0.708 χ^2/NDF : 349.2/6

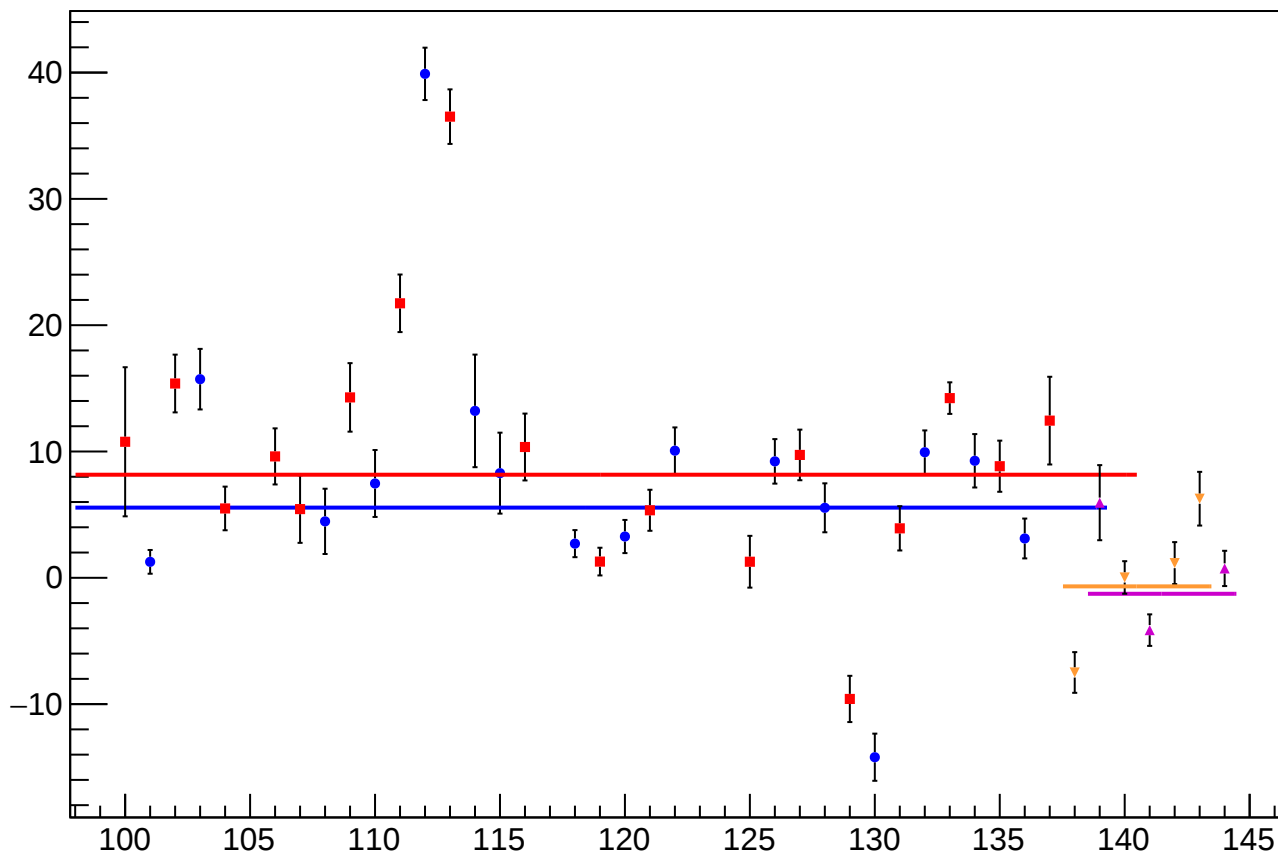
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.593+/-1.026 χ^2/NDF :80.9/2

Out: -73.334+/-0.979 χ^2/NDF :180.8/3

All: -79.654+/-0.708 χ^2/NDF : 349.2/6

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: -0.678 ± 0.798 $\chi^2/\text{NDF}: 30.1/3$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: -1.265 ± 0.888 $\chi^2/\text{NDF}: 13.3/2$

Left: -0.940 ± 0.594 $\chi^2/\text{NDF}: 43.6/6$

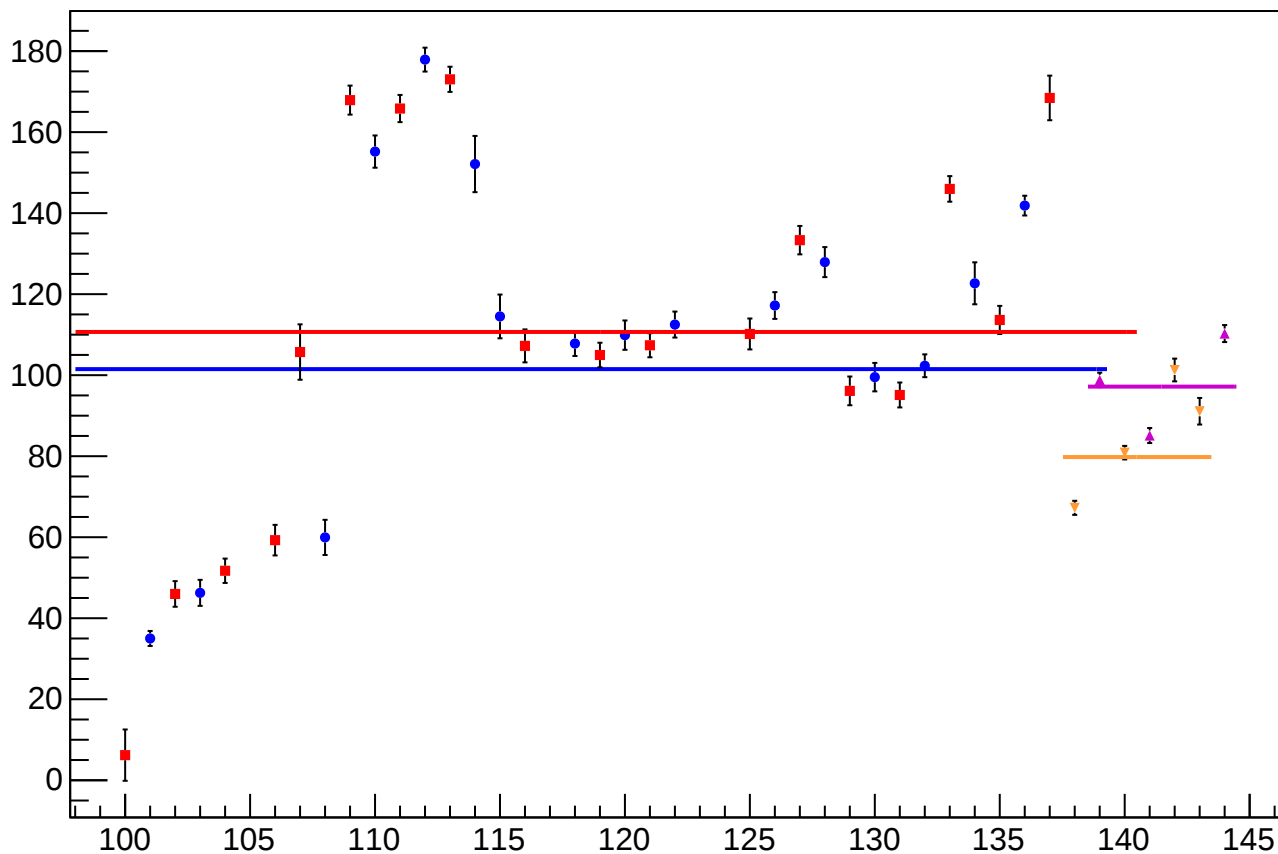
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.290 ± 0.383 $\chi^2/\text{NDF}: 523.3/18$

Out: 6.007 ± 0.394 $\chi^2/\text{NDF}: 529.9/21$

All: 5.124 ± 0.274 $\chi^2/\text{NDF}: 1063.0/40$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 79.789 $\pm$ 1.050 χ^2 /NDF:122.9/3

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 97.177 $\pm$ 1.100 χ^2 /NDF:81.8/2

Left: 88.079 $\pm$ 0.759 χ^2 /NDF: 335.5/6

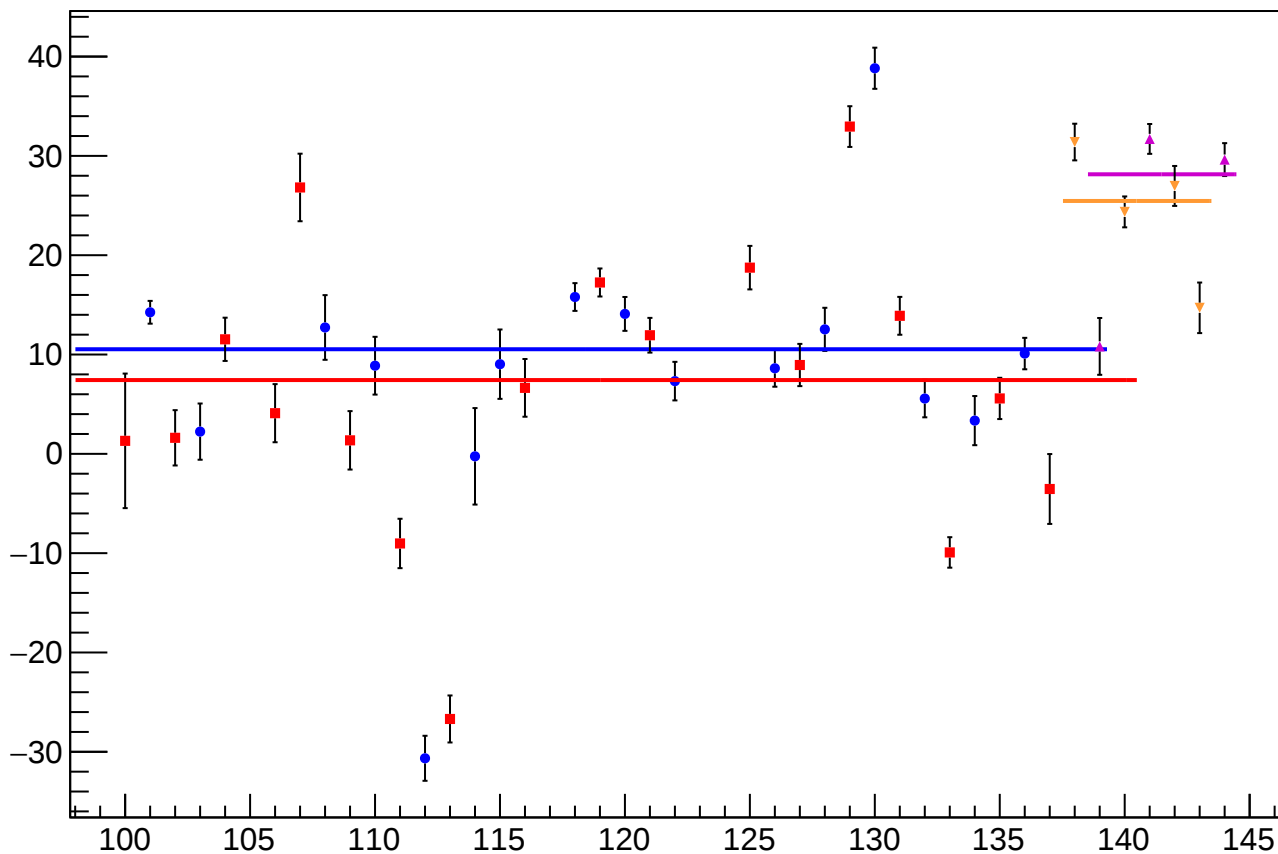
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 99.981 $\pm$ 0.651 χ^2 /NDF:3064.8/18

Out: 98.691 $\pm$ 0.654 χ^2 /NDF:3166.1/21

All: 99.339 $\pm$ 0.461 χ^2 /NDF: 6232.9/40

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2/NDF : 580.3/15

Left Out: 25.462 $\pm$ 0.950 χ^2/NDF : 29.3/3

Right Out: 7.429 $\pm$ 0.524 χ^2/NDF : 685.8/17

Left In: 28.147 $\pm$ 1.037 χ^2/NDF : 43.1/2

Left: 26.686 $\pm$ 0.700 χ^2/NDF : 76.0/6

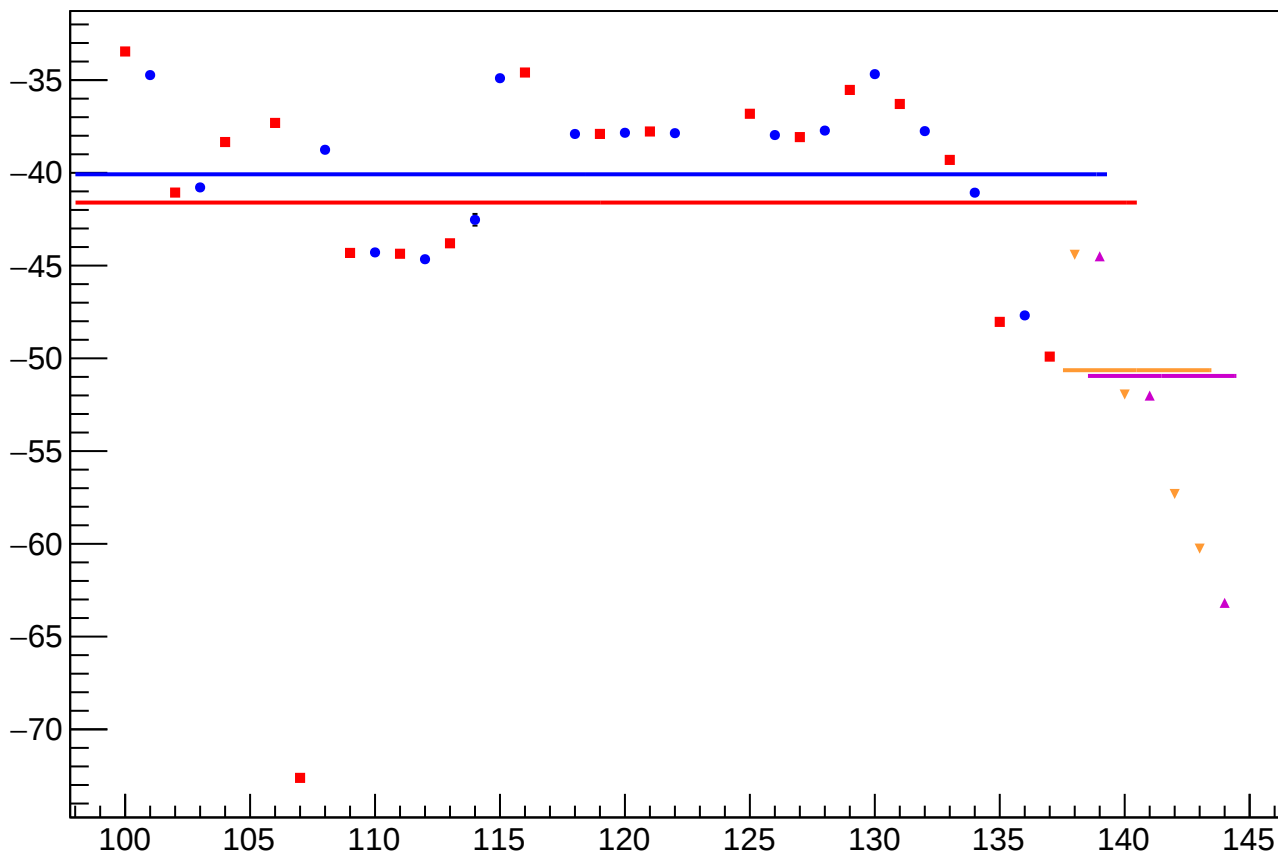
Right: 9.074 $\pm$ 0.359 χ^2/NDF : 1284.7/33

In: 13.777 $\pm$ 0.445 χ^2/NDF : 858.7/18

Out: 11.631 $\pm$ 0.458 χ^2/NDF : 991.5/21

All: 12.735 $\pm$ 0.319 χ^2/NDF : 1861.5/40

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -50.640 ± 0.043 $\chi^2/\text{NDF}: 17328.0/3$

Right Out: -41.602 ± 0.029 $\chi^2/\text{NDF}: 61856.4/17$

Left In: -50.949 ± 0.043 $\chi^2/\text{NDF}: 28360.8/2$

Left: -50.796 ± 0.030 $\chi^2/\text{NDF}: 45714.6/6$

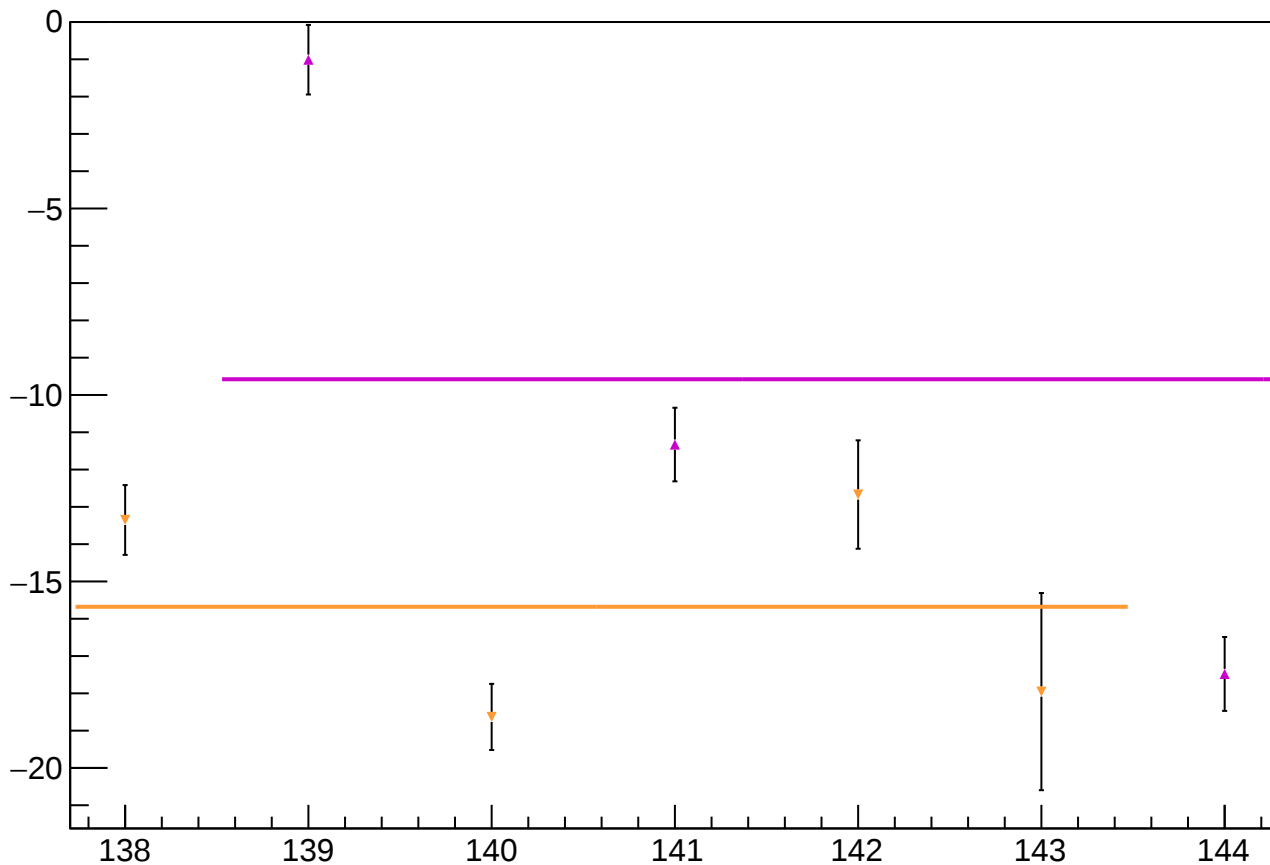
Right: -40.831 ± 0.020 $\chi^2/\text{NDF}: 88443.2/33$

In: -43.376 ± 0.024 $\chi^2/\text{NDF}: 98500.0/18$

Out: -44.346 ± 0.024 $\chi^2/\text{NDF}: 109563.6/21$

All: -43.855 ± 0.017 $\chi^2/\text{NDF}: 208901.8/40$

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: -9.579+/-0.560 χ^2/NDF :151.0/2

Left: -12.549+/-0.401 χ^2/NDF : 231.2/6

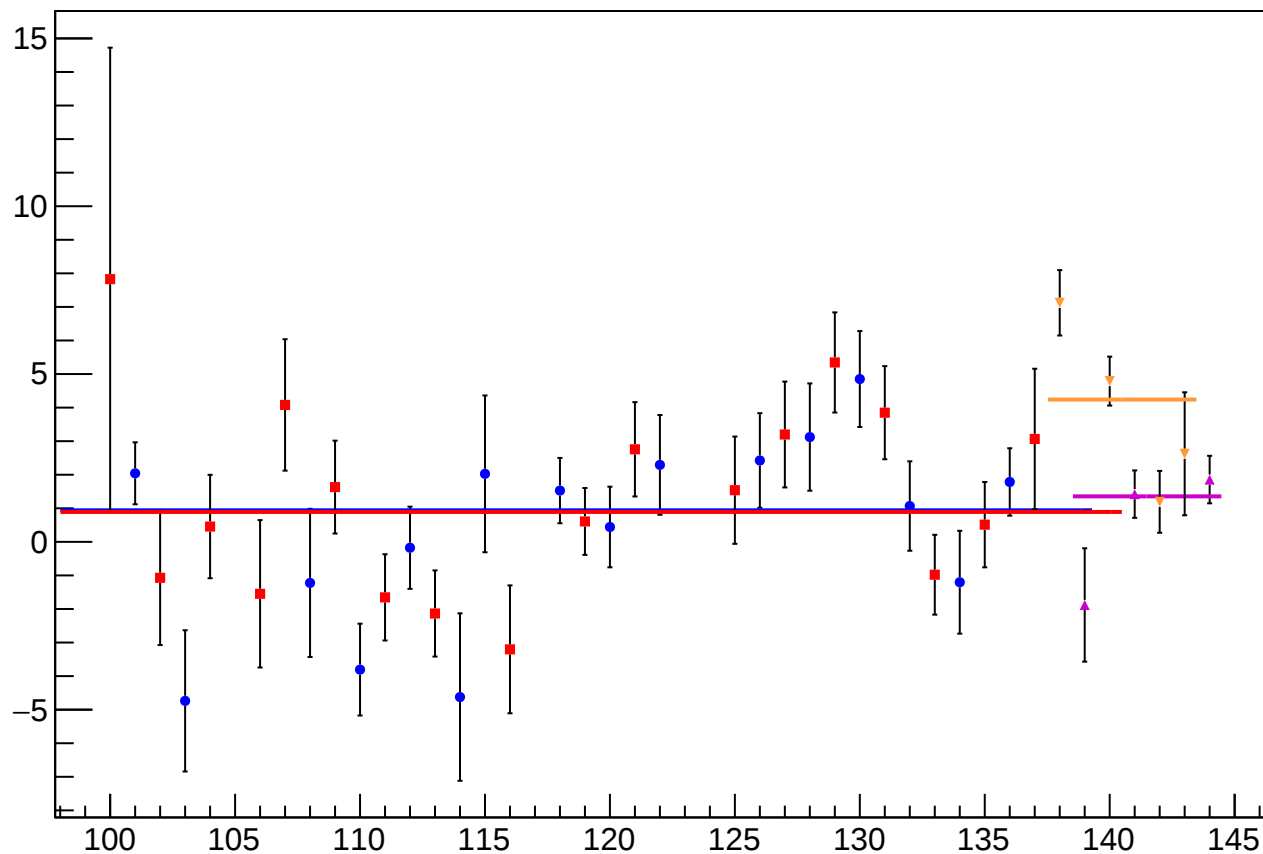
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.579+/-0.560 χ^2/NDF :151.0/2

Out: -15.679+/-0.574 χ^2/NDF :22.3/3

All: -12.549+/-0.401 χ^2/NDF : 231.2/6

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: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 1.355 ± 0.480 $\chi^2/\text{NDF}: 4.2/2$

Left: 2.808 ± 0.338 $\chi^2/\text{NDF}: 43.4/6$

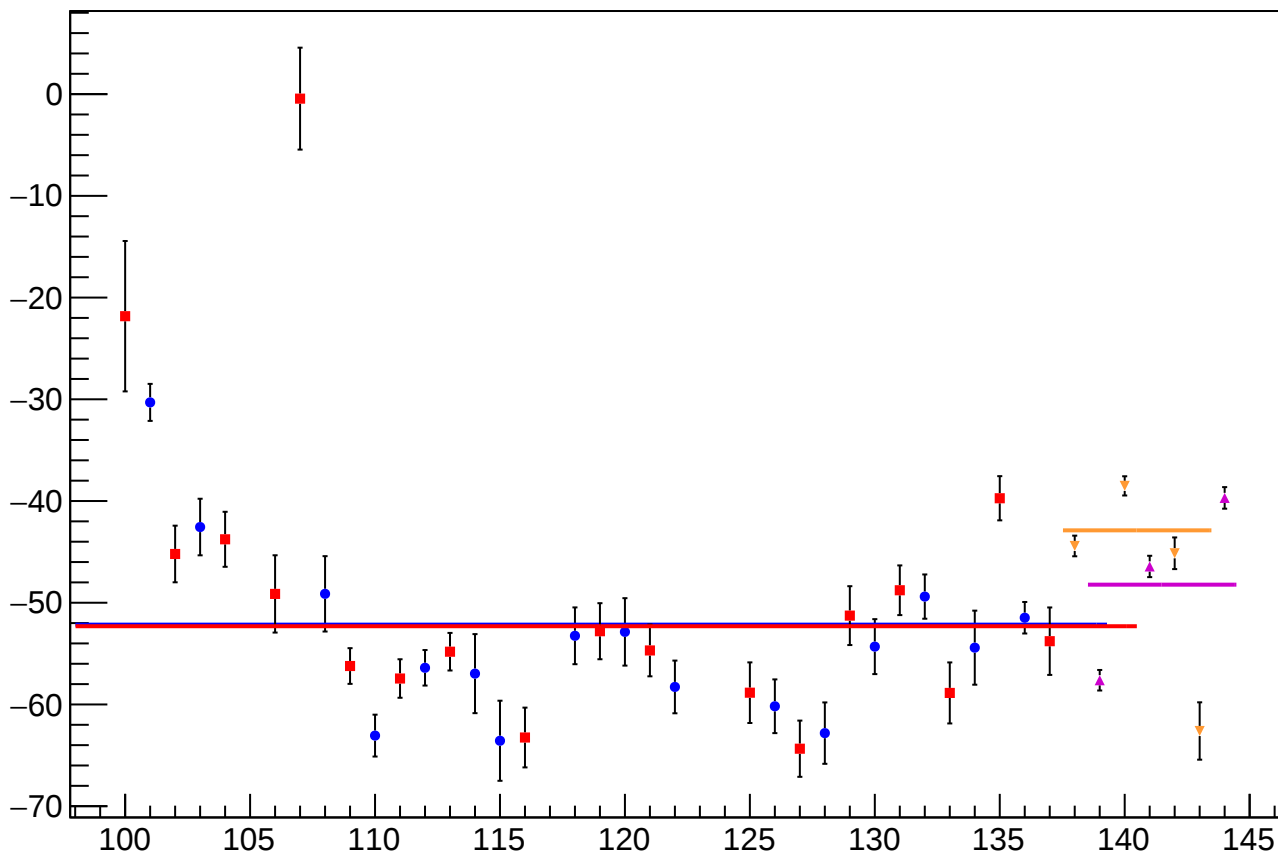
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 1.078 ± 0.277 $\chi^2/\text{NDF}: 46.9/18$

Out: 2.081 ± 0.284 $\chi^2/\text{NDF}: 94.5/21$

All: 1.567 ± 0.198 $\chi^2/\text{NDF}: 147.8/40$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 $\pm$ 0.613 χ^2 /NDF: 231.1/15

Left Out: -42.884 $\pm$ 0.616 χ^2 /NDF:74.8/3

Right Out: -52.310 $\pm$ 0.616 χ^2 /NDF: 234.8/17

Left In: -48.223 $\pm$ 0.600 χ^2 /NDF:154.3/2

Left: -45.626 $\pm$ 0.430 χ^2 /NDF: 267.6/6

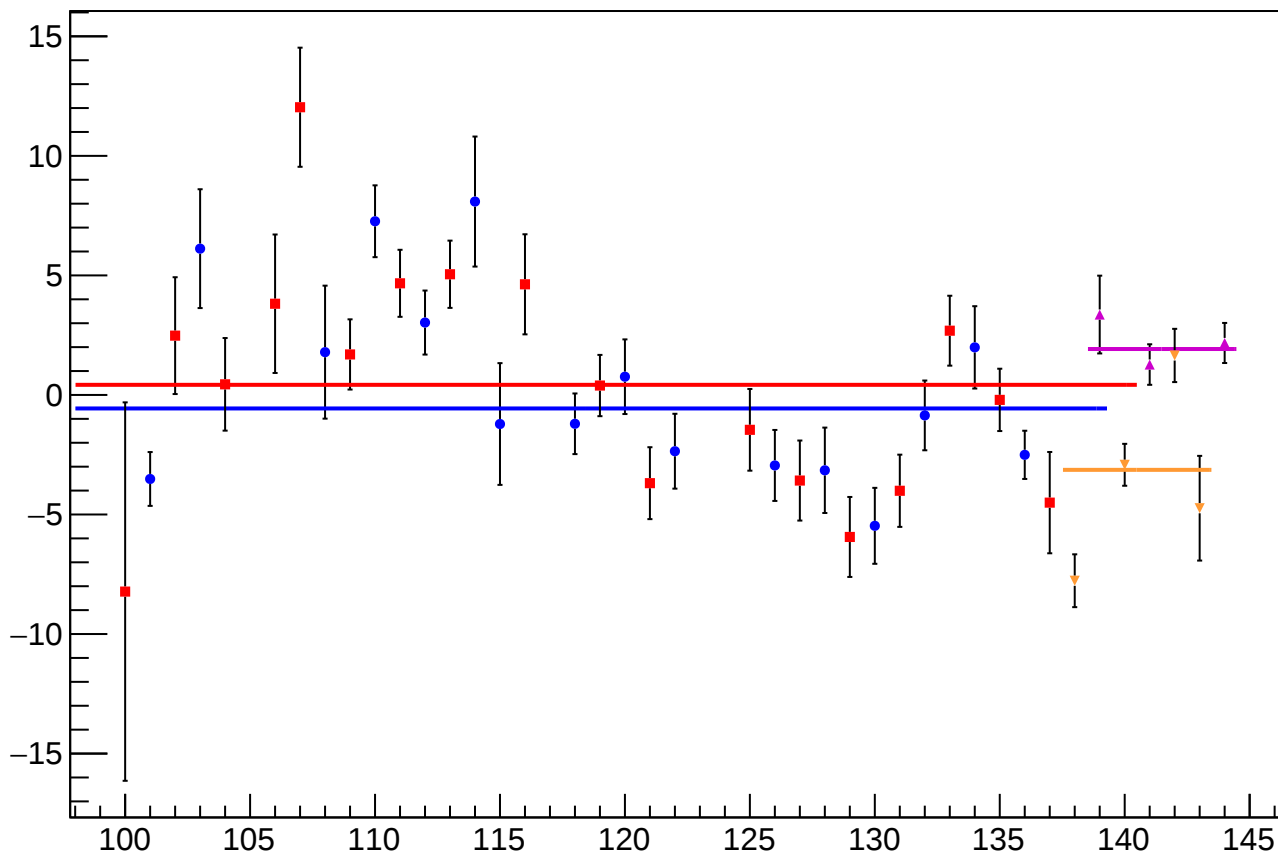
Right: -52.232 $\pm$ 0.434 χ^2 /NDF: 465.9/33

In: -50.146 $\pm$ 0.429 χ^2 /NDF:406.3/18

Out: -47.602 $\pm$ 0.436 χ^2 /NDF:426.6/21

All: -48.894 $\pm$ 0.306 χ^2 /NDF: 850.3/40

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: -3.133 ± 0.565 χ^2/NDF : 36.7/3

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.921 ± 0.560 χ^2/NDF : 1.5/2

Left: -0.583 ± 0.398 χ^2/NDF : 78.6/6

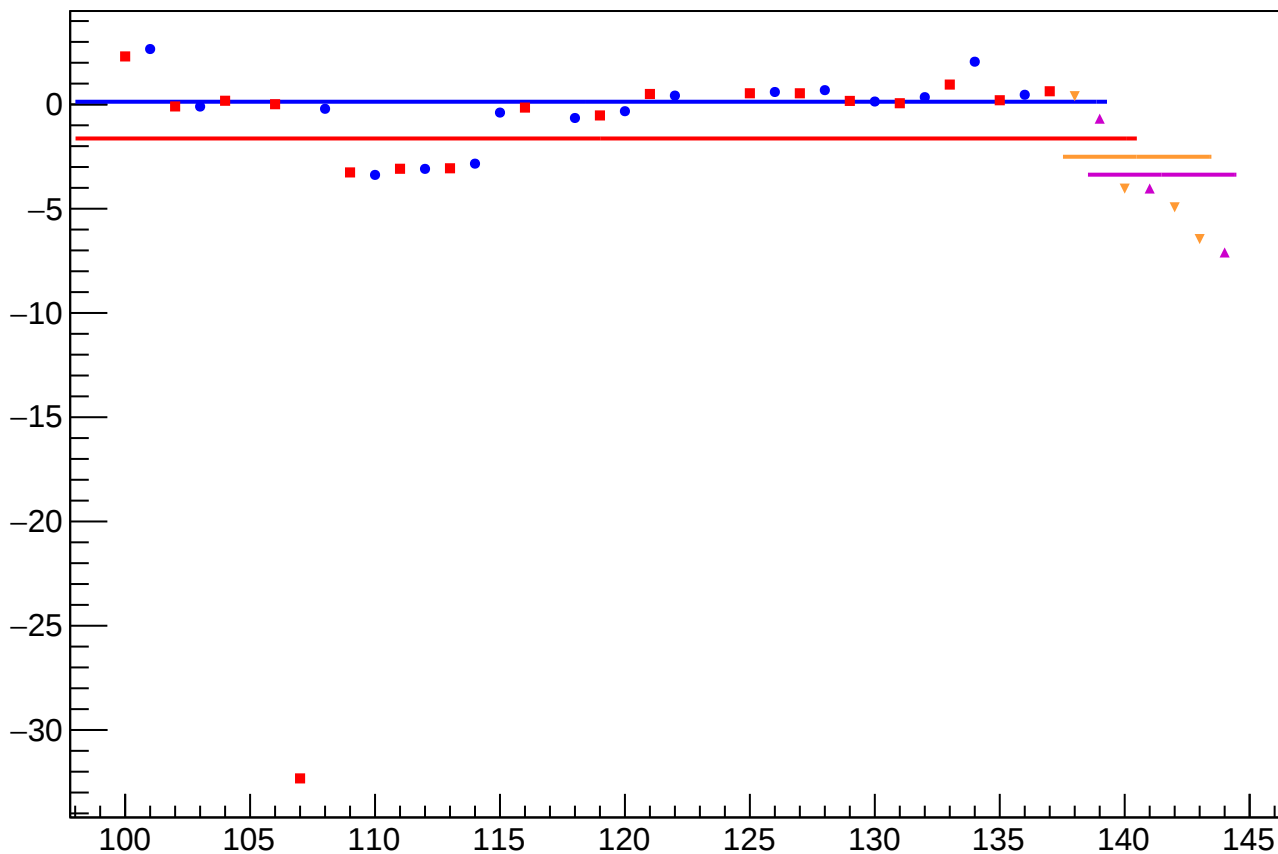
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 0.232 ± 0.317 χ^2/NDF : 96.7/18

Out: -0.763 ± 0.326 χ^2/NDF : 158.4/21

All: -0.251 ± 0.227 χ^2/NDF : 259.9/40

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 $\pm$ 0.022 χ^2 /NDF: 5232.9/15

Left Out: -2.508 $\pm$ 0.025 χ^2 /NDF: 9470.3/3

Right Out: -1.632 $\pm$ 0.022 χ^2 /NDF: 77874.4/17

Left In: -3.368 $\pm$ 0.023 χ^2 /NDF: 12395.6/2

Left: -2.969 $\pm$ 0.017 χ^2 /NDF: 22486.8/6

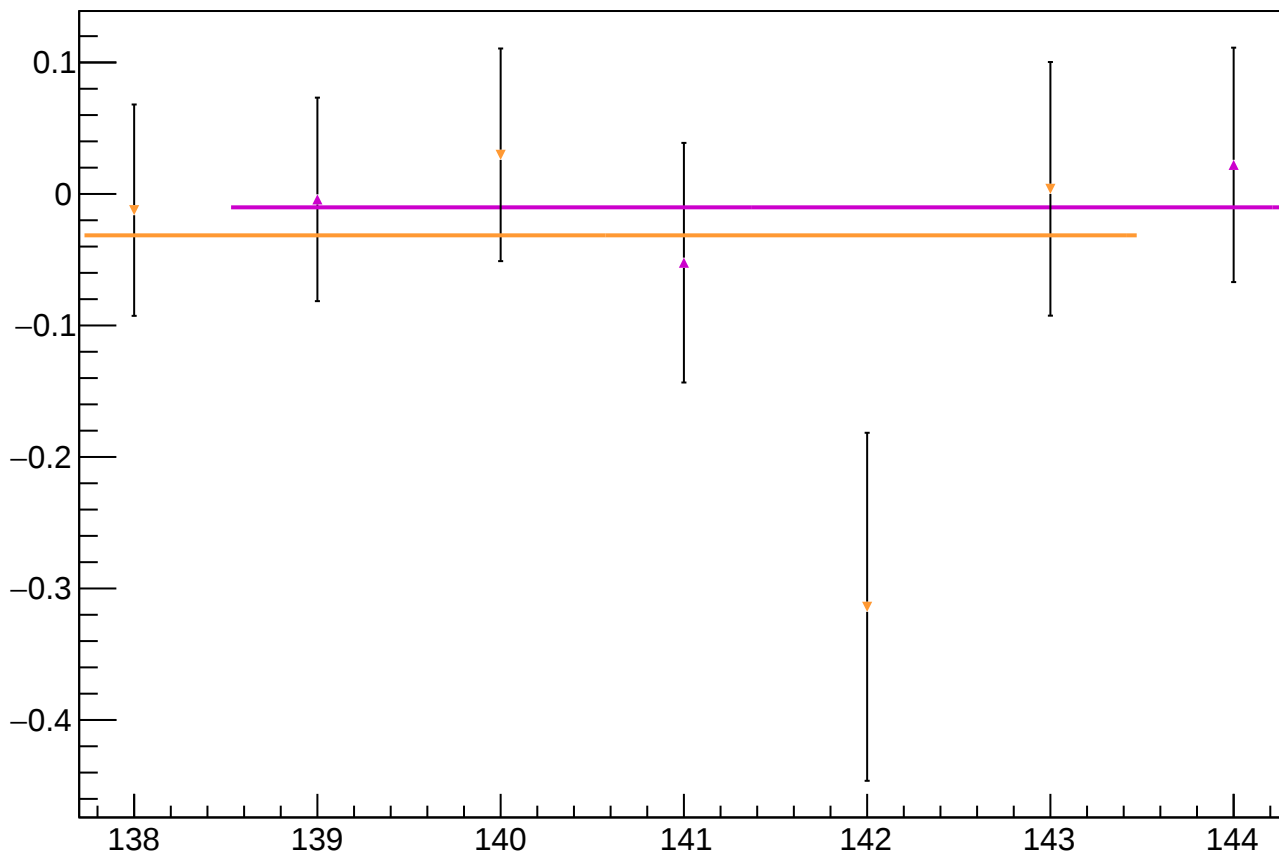
Right: -0.739 $\pm$ 0.015 χ^2 /NDF: 86417.2/33

In: -1.465 $\pm$ 0.016 χ^2 /NDF: 29686.4/18

Out: -2.005 $\pm$ 0.017 χ^2 /NDF: 88033.1/21

All: -1.725 $\pm$ 0.011 χ^2 /NDF: 118275.9/40

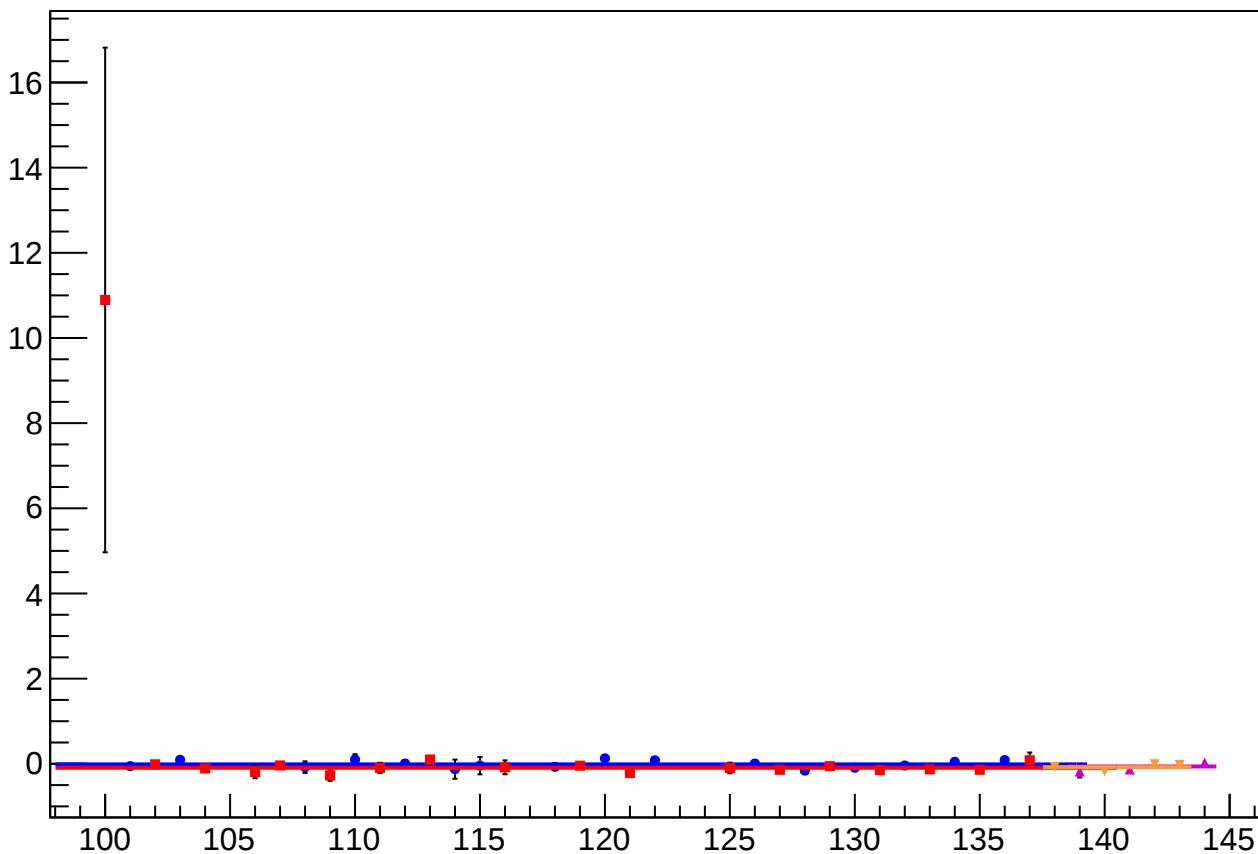
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.031+/-0.046 χ^2/NDF : 5.3/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.010+/-0.049 χ^2/NDF : 0.4/2

Left: -0.022+/-0.034 χ^2/NDF : 5.8/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.010+/-0.049 χ^2/NDF : 0.4/2
 Out: -0.031+/-0.046 χ^2/NDF : 5.3/3
 All: -0.022+/-0.034 χ^2/NDF : 5.8/6

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: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.063 ± 0.043 χ^2/NDF : 4.0/2

Left: -0.072 ± 0.028 χ^2/NDF : 7.5/6

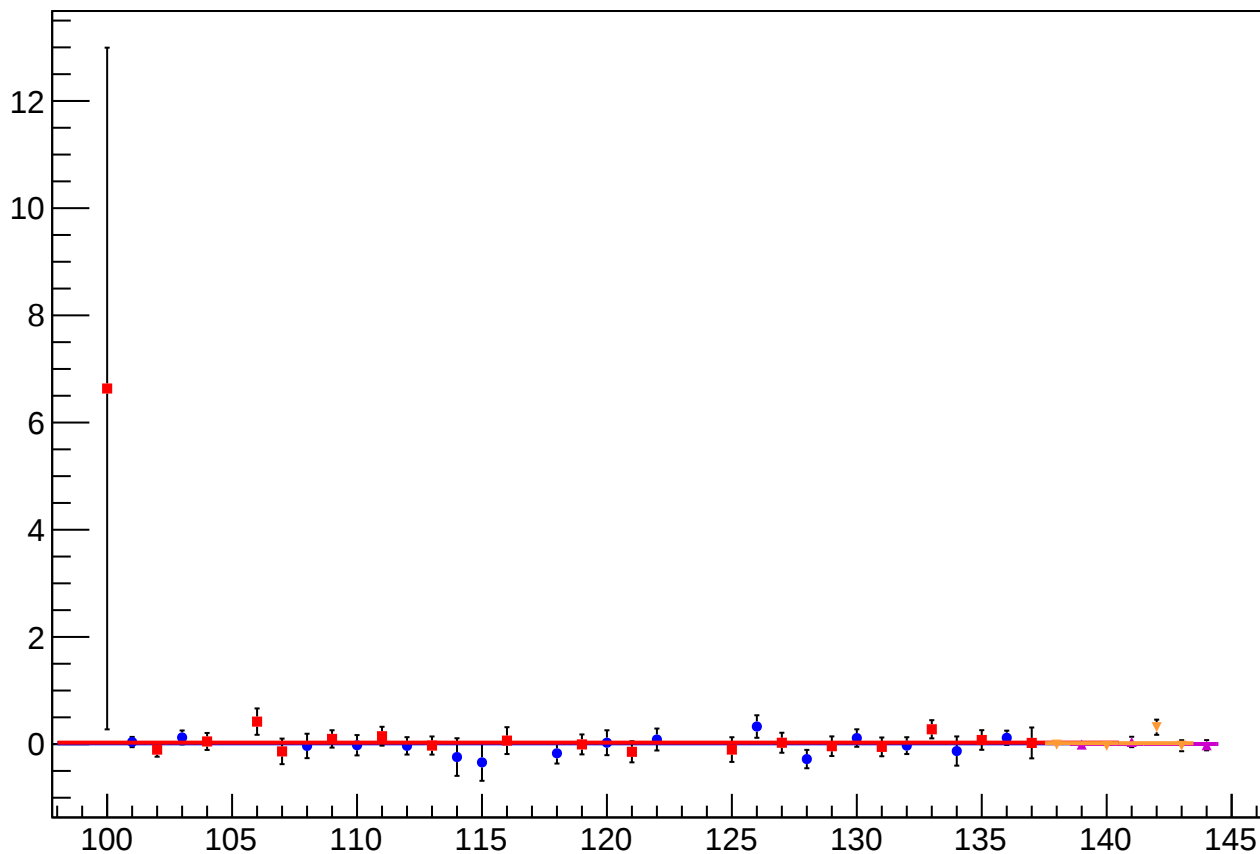
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.025 ± 0.021 χ^2/NDF : 17.4/18

Out: -0.089 ± 0.021 χ^2/NDF : 17.1/21

All: -0.057 ± 0.015 χ^2/NDF : 39.3/40

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.018 $\pm$ 0.049 χ^2 /NDF:5.1/3

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: 0.002 $\pm$ 0.053 χ^2 /NDF:0.2/2

Left: 0.010 $\pm$ 0.036 χ^2 /NDF: 5.3/6

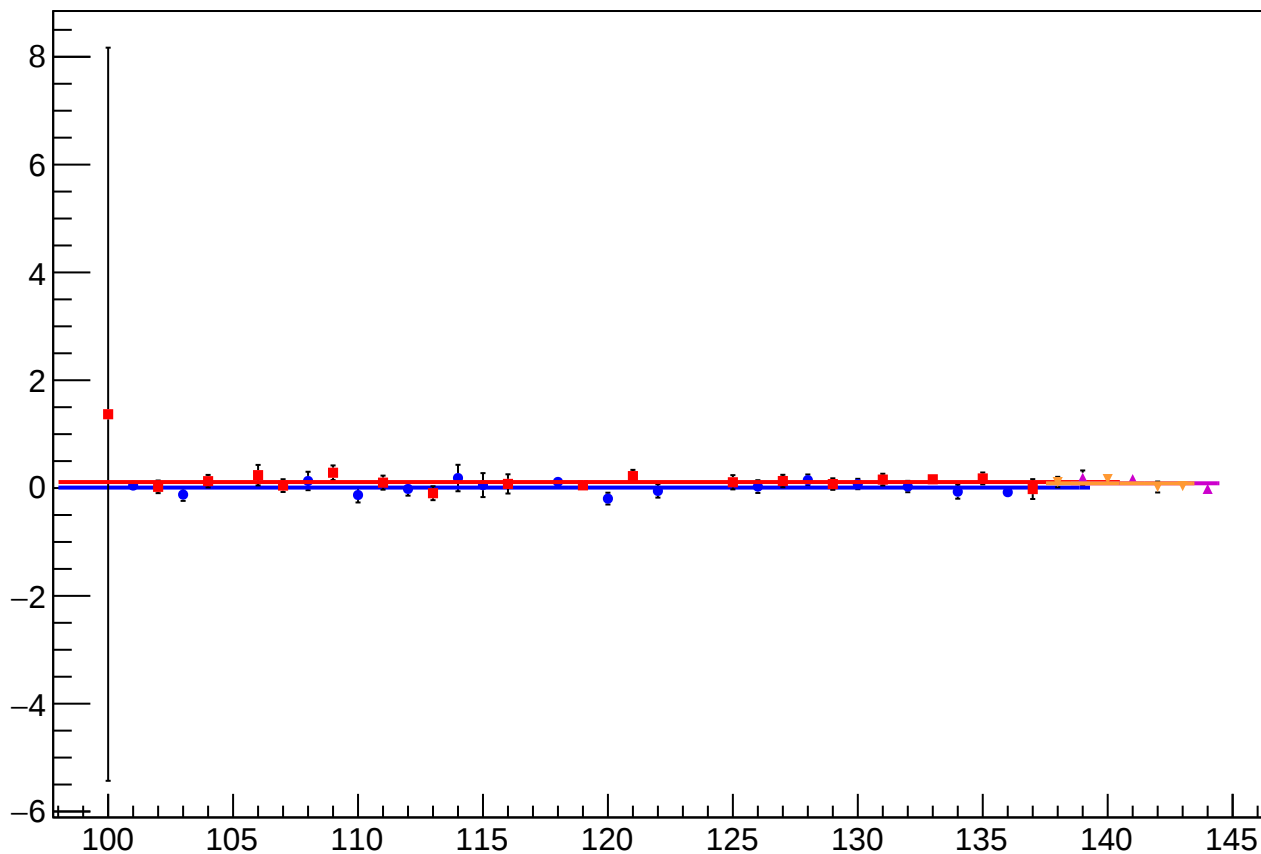
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.010 $\pm$ 0.033 χ^2 /NDF:10.4/18

Out: 0.023 $\pm$ 0.033 χ^2 /NDF:14.6/21

All: 0.017 $\pm$ 0.024 χ^2 /NDF: 25.1/40

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.027 χ^2/NDF : 12.6/15

Left Out: 0.088+/-0.044 χ^2/NDF : 1.9/3

Right Out: 0.111+/-0.029 χ^2/NDF : 8.6/17

Left In: 0.088+/-0.050 χ^2/NDF : 3.5/2

Left: 0.088+/-0.033 χ^2/NDF : 5.4/6

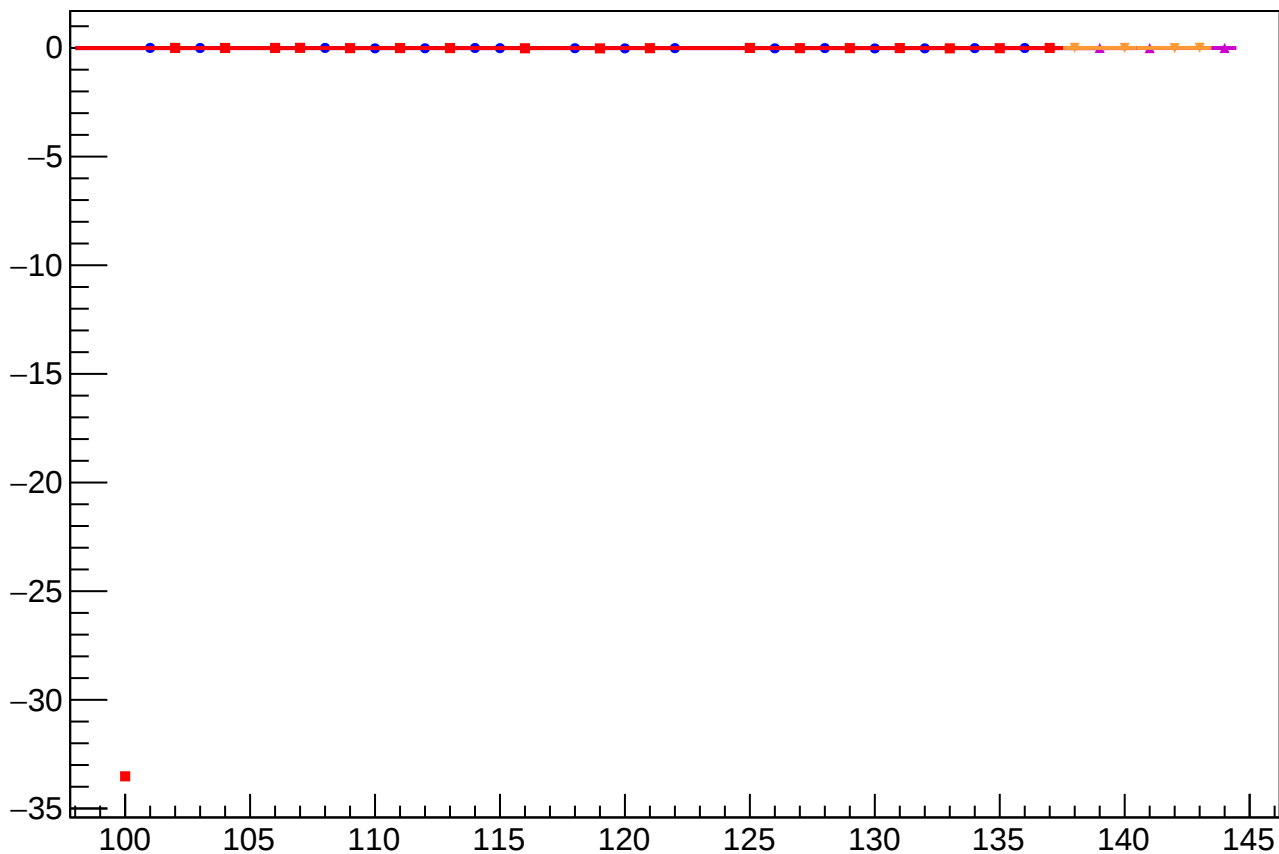
Right: 0.057+/-0.020 χ^2/NDF : 28.0/33

In: 0.026+/-0.024 χ^2/NDF : 18.0/18

Out: 0.104+/-0.024 χ^2/NDF : 10.7/21

All: 0.065+/-0.017 χ^2/NDF : 34.1/40

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.003 $\pm$ 0.002 χ^2 /NDF:5.5/3

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.003 $\pm$ 0.002 χ^2 /NDF:1.7/2

Left: -0.000 $\pm$ 0.001 χ^2 /NDF: 11.0/6

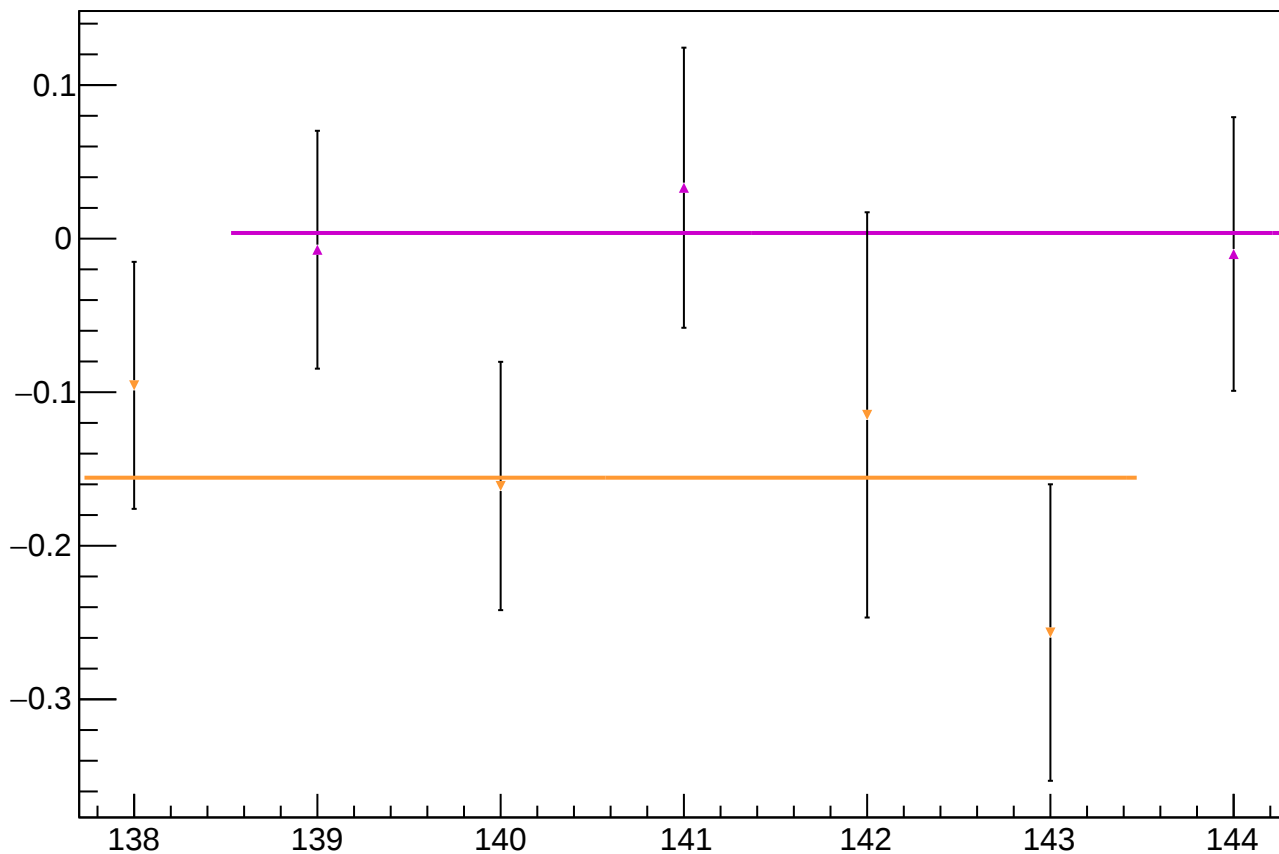
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.005 $\pm$ 0.001 χ^2 /NDF:24.9/18

Out: -0.003 $\pm$ 0.001 χ^2 /NDF:26526.3/21

All: -0.004 $\pm$ 0.001 χ^2 /NDF: 26552.3/40

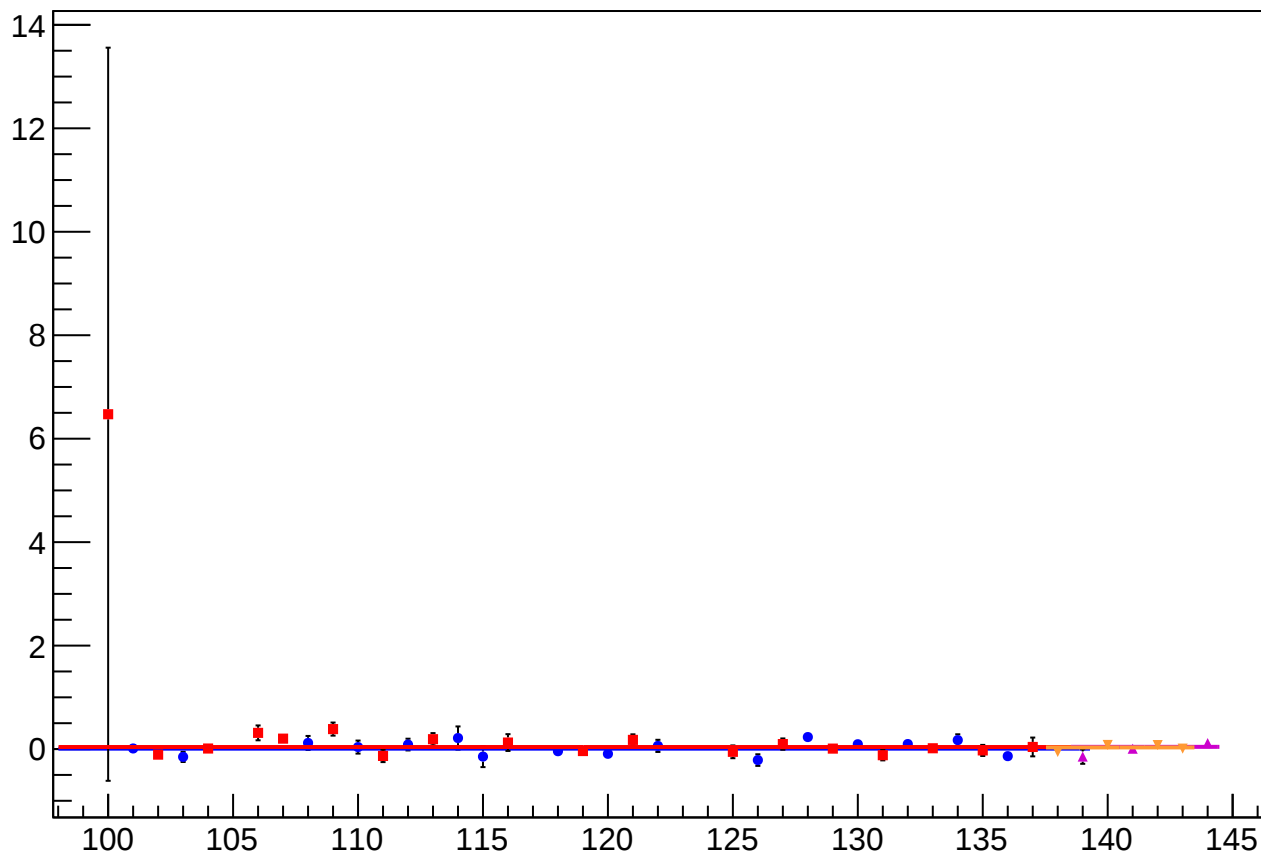
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 0.004 $\pm$ 0.049 χ^2 /NDF:0.1/2

Left: -0.081 $\pm$ 0.034 χ^2 /NDF: 7.5/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.004 $\pm$ 0.049 χ^2 /NDF:0.1/2
 Out: -0.156 $\pm$ 0.046 χ^2 /NDF:1.8/3
 All: -0.081 $\pm$ 0.034 χ^2 /NDF: 7.5/6

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: 0.032 $\pm$ 0.037 χ^2 /NDF:2.0/3

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.043 $\pm$ 0.043 χ^2 /NDF:3.4/2

Left: 0.036 $\pm$ 0.028 χ^2 /NDF: 5.4/6

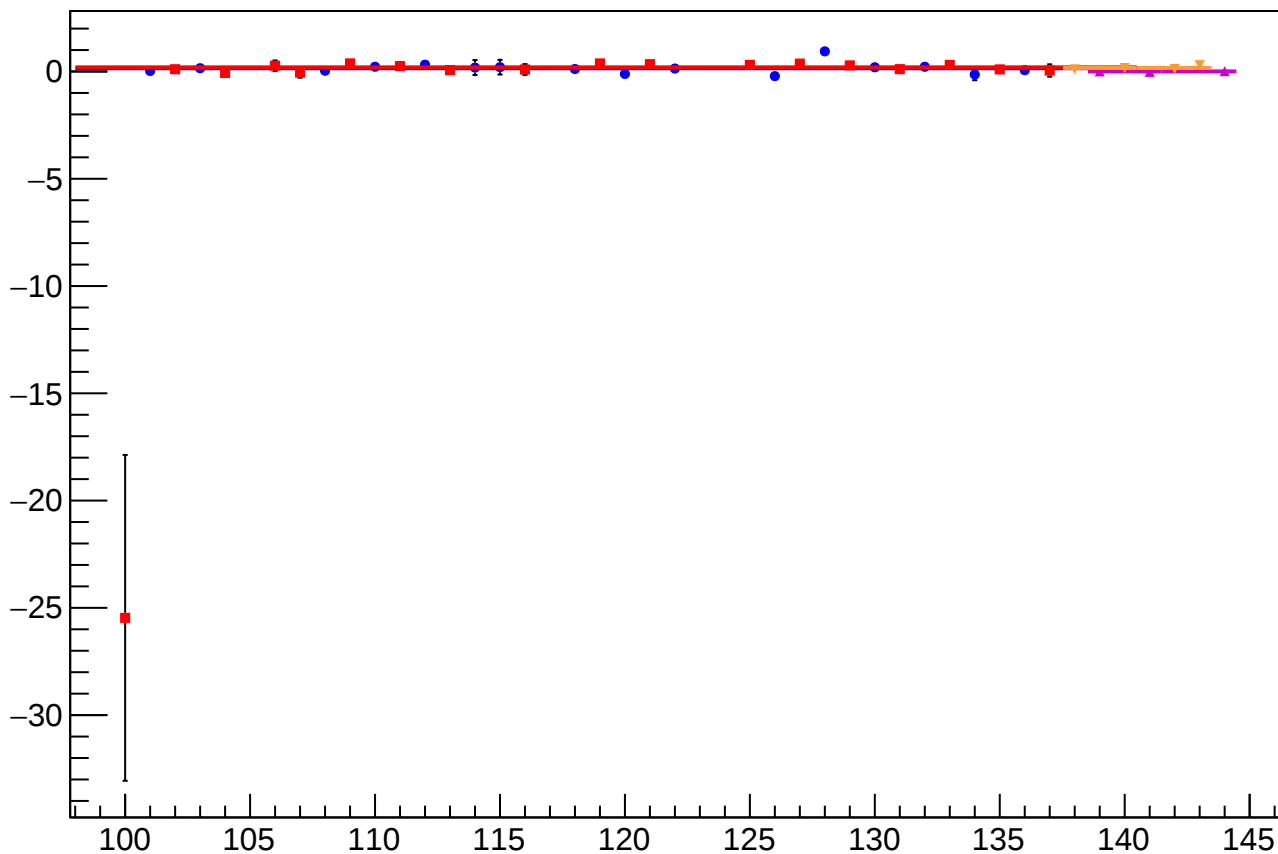
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.016 $\pm$ 0.021 χ^2 /NDF:27.5/18

Out: 0.037 $\pm$ 0.021 χ^2 /NDF:30.4/21

All: 0.026 $\pm$ 0.015 χ^2 /NDF: 58.5/40

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: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.003+/-0.053 χ^2/NDF : 0.1/2

Left: 0.090+/-0.036 χ^2/NDF : 7.4/6

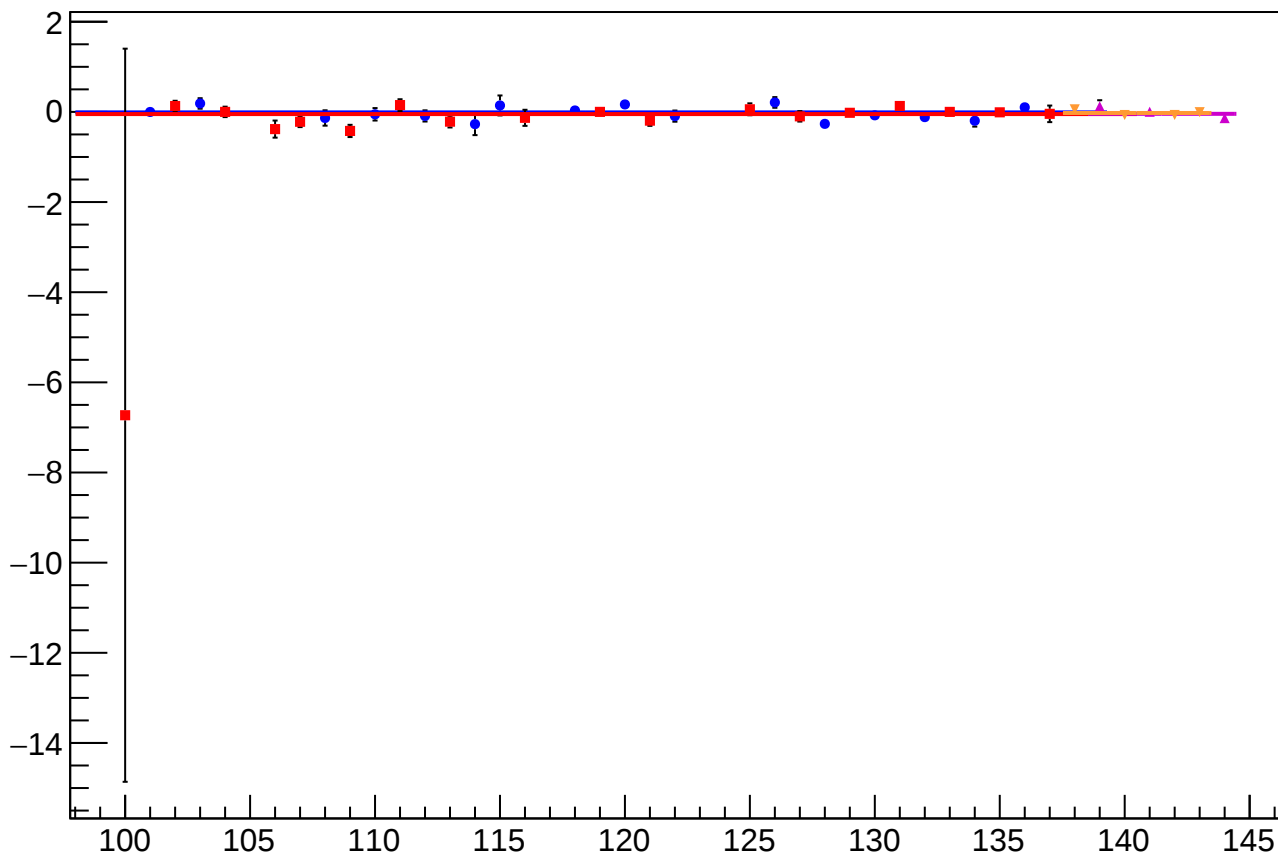
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.094+/-0.033 χ^2/NDF : 35.5/18

Out: 0.181+/-0.033 χ^2/NDF : 24.4/21

All: 0.138+/-0.024 χ^2/NDF : 63.3/40

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 : 26.2/17

Left In: -0.043 ± 0.050 χ^2/NDF : 3.5/2

Left: -0.032 ± 0.033 χ^2/NDF : 4.8/6

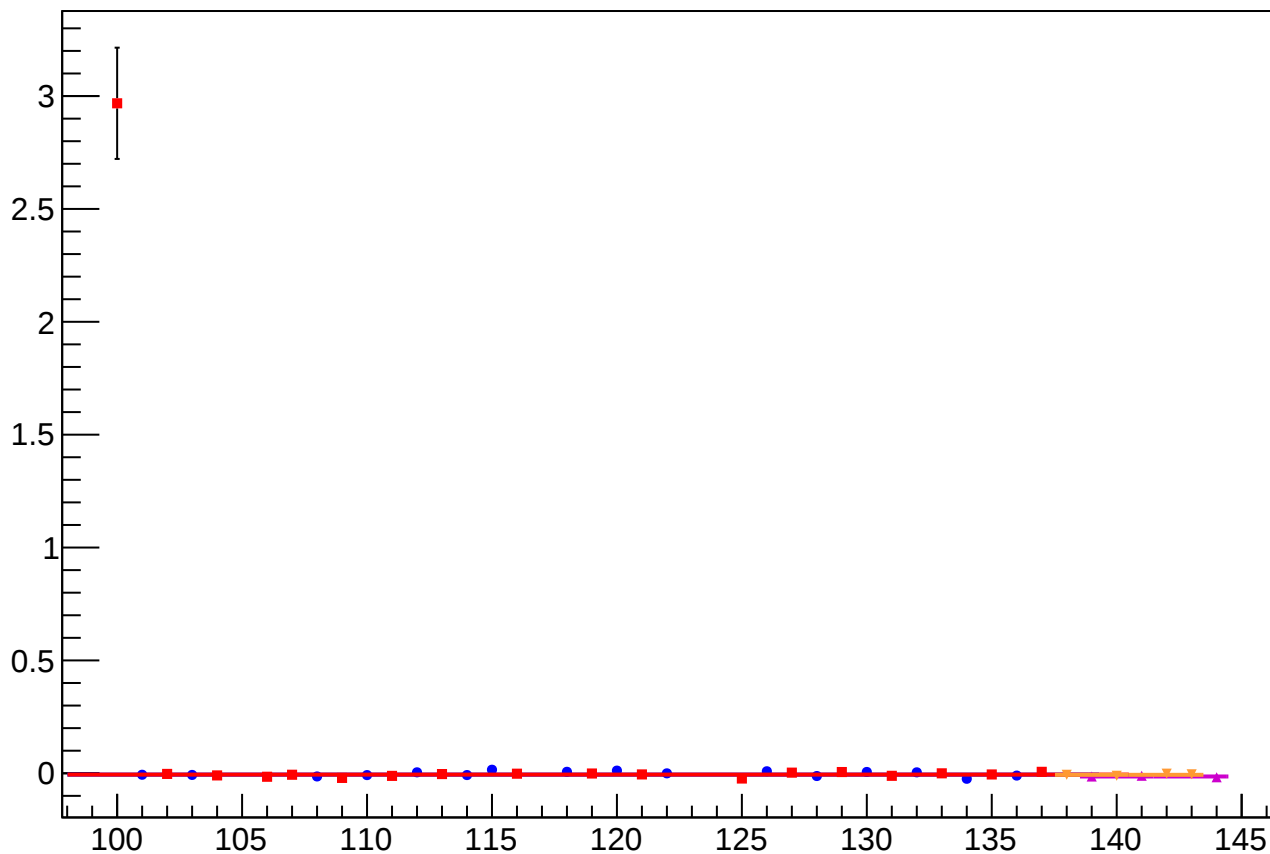
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.018 ± 0.024 χ^2/NDF : 27.2/18

Out: -0.041 ± 0.024 χ^2/NDF : 27.7/21

All: -0.030 ± 0.017 χ^2/NDF : 55.3/40

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF : 28.7/15

Left Out: -0.007+/-0.002 χ^2/NDF : 2.4/3

Right Out: -0.006+/-0.001 χ^2/NDF : 165.2/17

Left In: -0.014+/-0.002 χ^2/NDF : 1.4/2

Left: -0.010+/-0.001 χ^2/NDF : 10.4/6

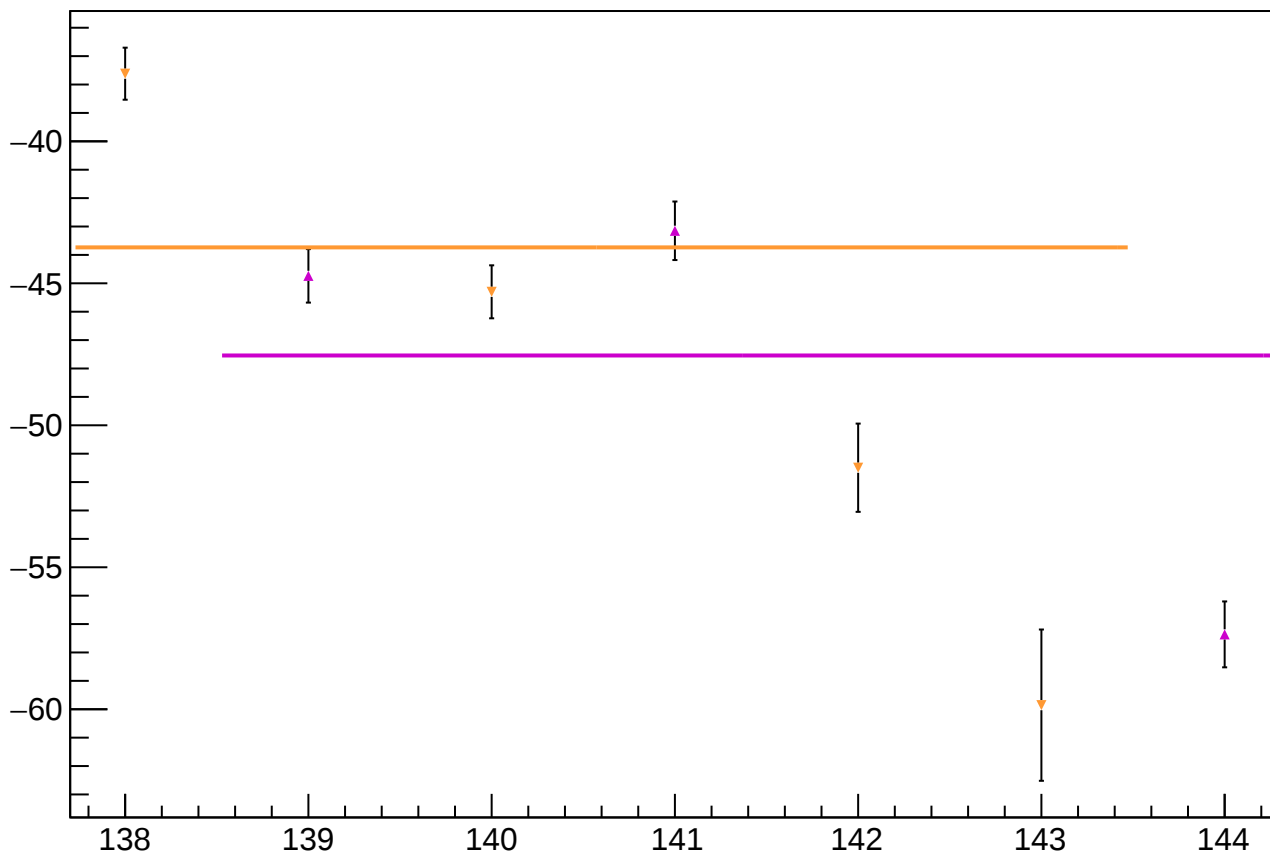
Right: -0.006+/-0.001 χ^2/NDF : 193.9/33

In: -0.009+/-0.001 χ^2/NDF : 40.9/18

Out: -0.006+/-0.001 χ^2/NDF : 167.8/21

All: -0.007+/-0.001 χ^2/NDF : 211.0/40

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: -47.542+/-0.596 χ^2/NDF :98.7/2

Left: -45.610+/-0.419 χ^2/NDF : 228.2/6

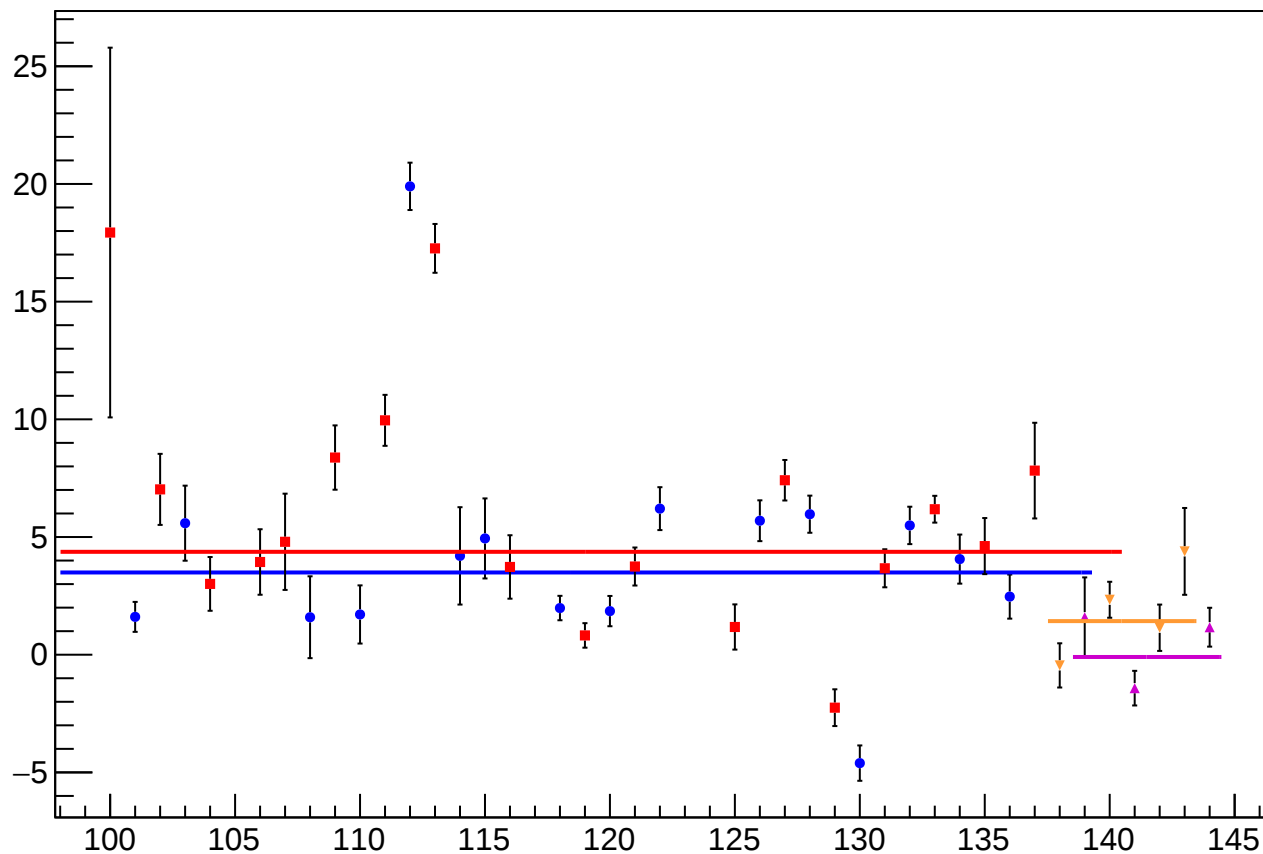
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.542+/-0.596 χ^2/NDF :98.7/2

Out: -43.735+/-0.588 χ^2/NDF :108.9/3

All: -45.610+/-0.419 χ^2/NDF : 228.2/6

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.427 $\pm$ 0.490 χ^2 /NDF: 8.1/3

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: -0.096 $\pm$ 0.522 χ^2 /NDF: 6.6/2

Left: 0.715 $\pm$ 0.357 χ^2 /NDF: 19.2/6

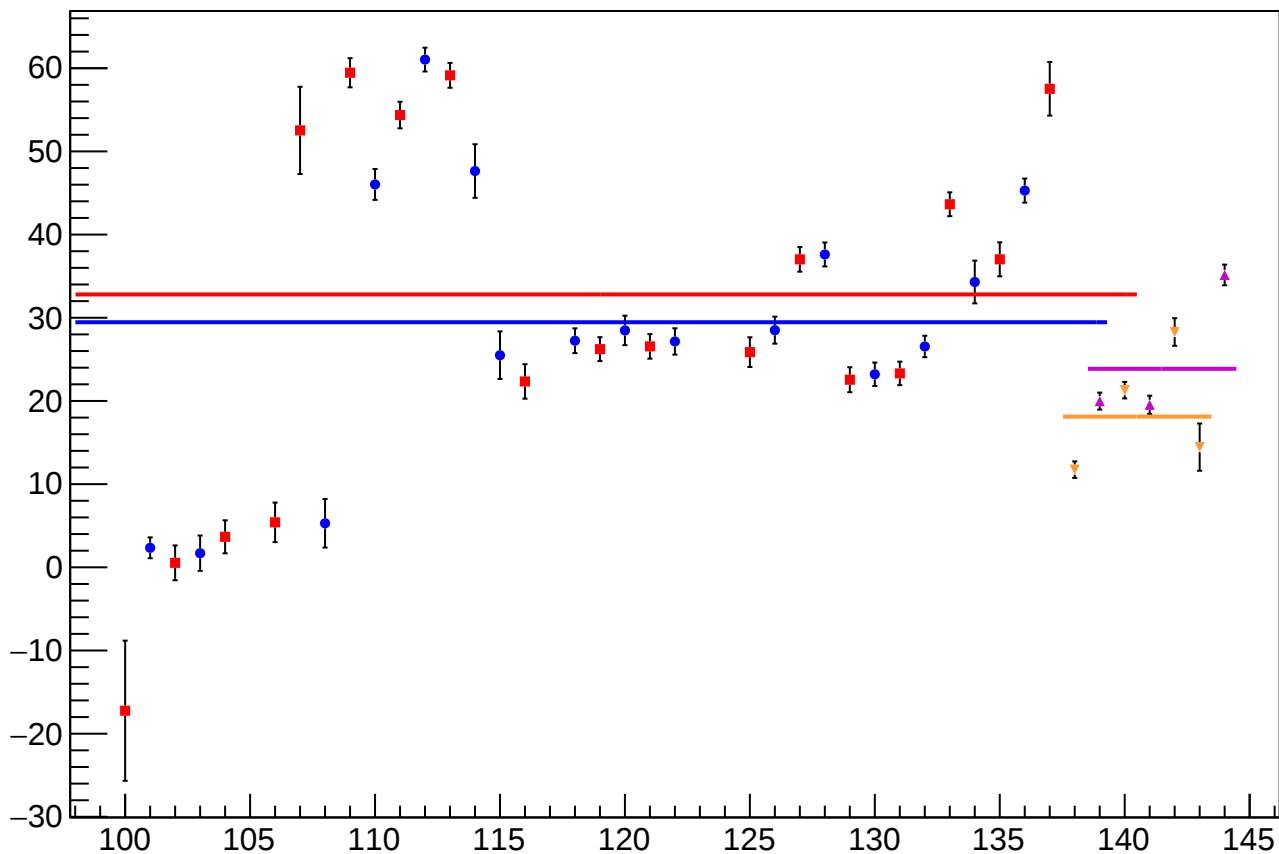
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.963 $\pm$ 0.201 χ^2 /NDF: 491.8/18

Out: 3.857 $\pm$ 0.205 χ^2 /NDF: 391.9/21

All: 3.402 $\pm$ 0.143 χ^2 /NDF: 893.4/40

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 18.115 $\pm$ 0.631 χ^2 /NDF:90.4/3

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 23.864 $\pm$ 0.640 χ^2 /NDF:112.8/2

Left: 20.949 $\pm$ 0.449 χ^2 /NDF: 244.2/6

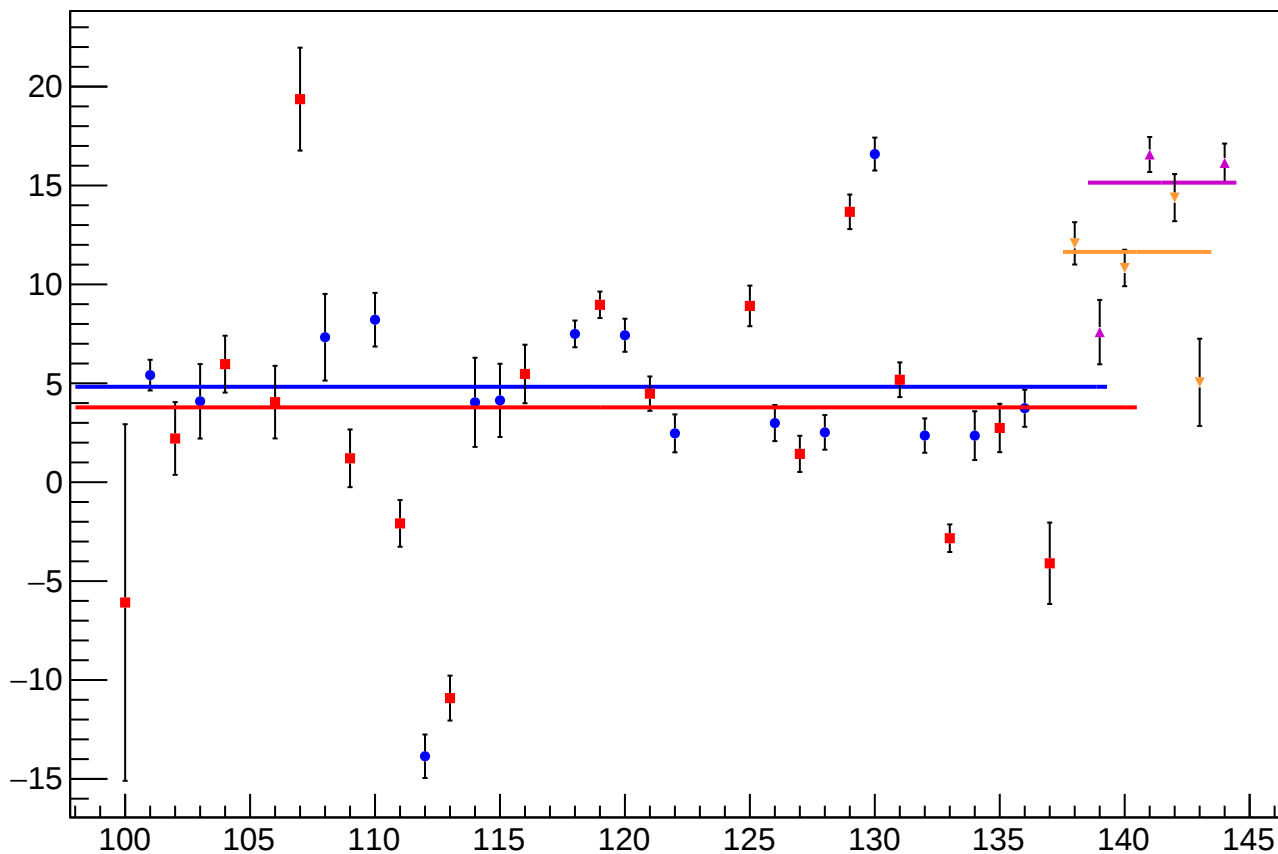
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 27.791 $\pm$ 0.350 χ^2 /NDF:1658.1/18

Out: 28.250 $\pm$ 0.351 χ^2 /NDF:2124.1/21

All: 28.019 $\pm$ 0.248 χ^2 /NDF: 3783.1/40

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 11.643 ± 0.581 $\chi^2/\text{NDF}: 15.2/3$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 15.145 ± 0.609 $\chi^2/\text{NDF}: 25.2/2$

Left: 13.312 ± 0.420 $\chi^2/\text{NDF}: 57.7/6$

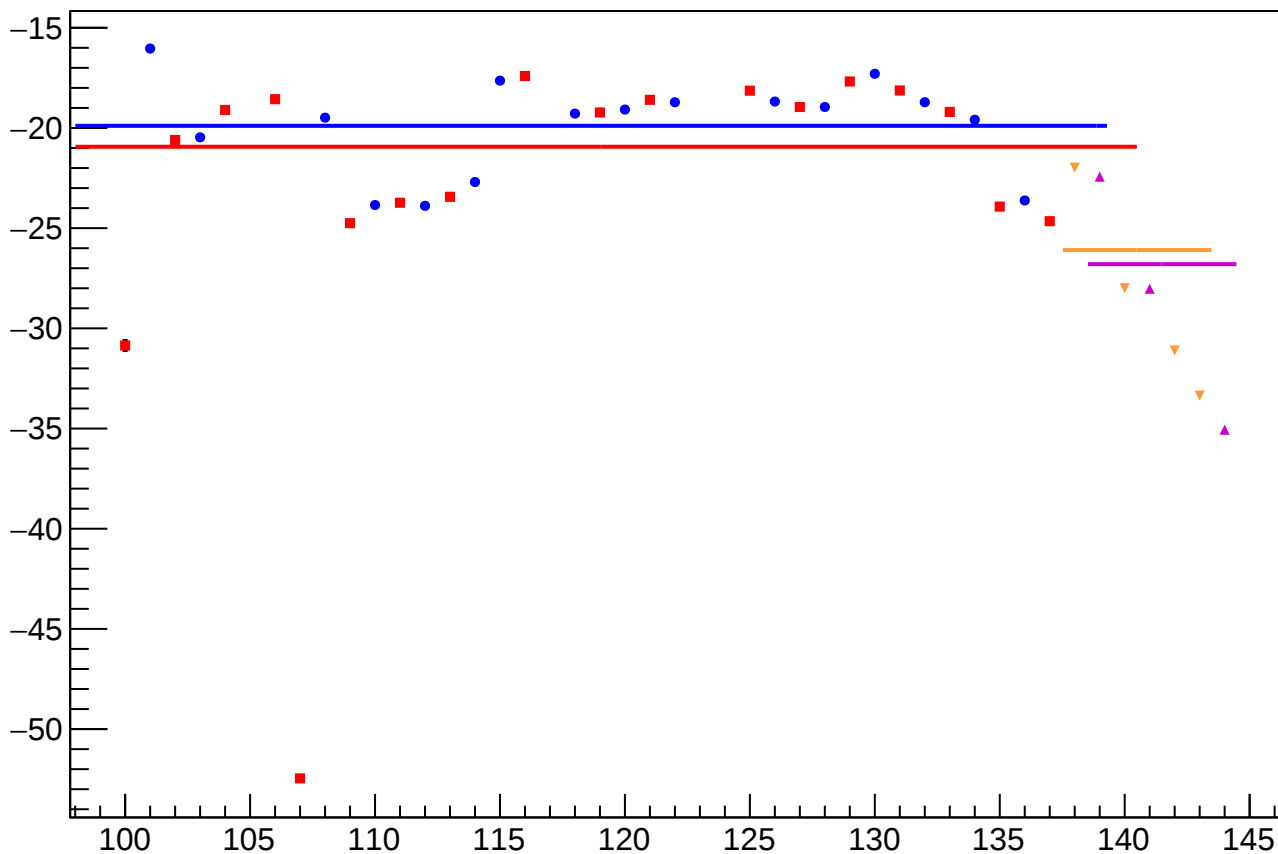
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 6.331 ± 0.233 $\chi^2/\text{NDF}: 823.6/18$

Out: 5.086 ± 0.236 $\chi^2/\text{NDF}: 732.6/21$

All: 5.718 ± 0.166 $\chi^2/\text{NDF}: 1570.4/40$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -26.095 $\pm$ 0.026 χ^2 /NDF:22678.7/3

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -26.797 $\pm$ 0.025 χ^2 /NDF:38710.5/2

Left: -26.462 $\pm$ 0.018 χ^2 /NDF: 61772.2/6

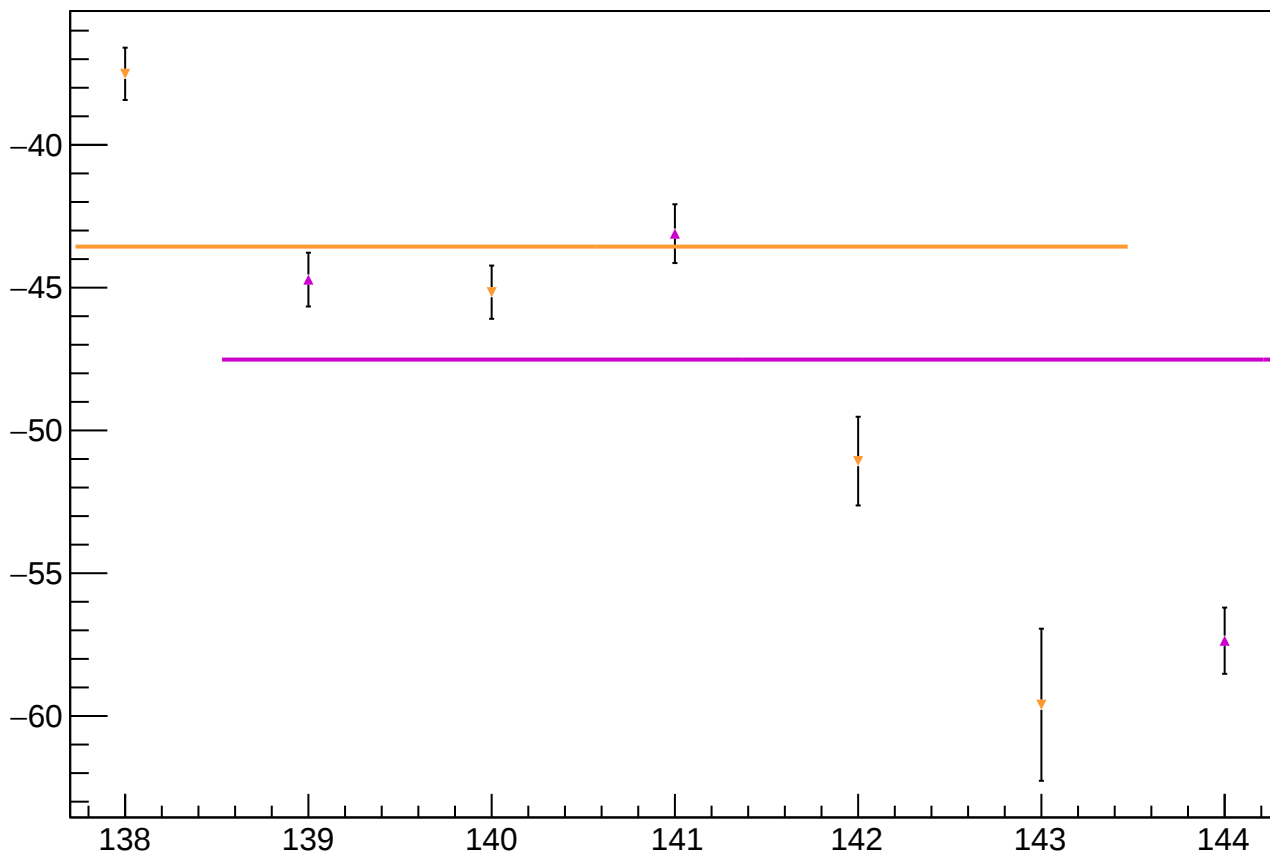
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -21.849 $\pm$ 0.013 χ^2 /NDF:120426.5/18

Out: -22.322 $\pm$ 0.013 χ^2 /NDF:145749.2/21

All: -22.081 $\pm$ 0.009 χ^2 /NDF: 266804.4/40

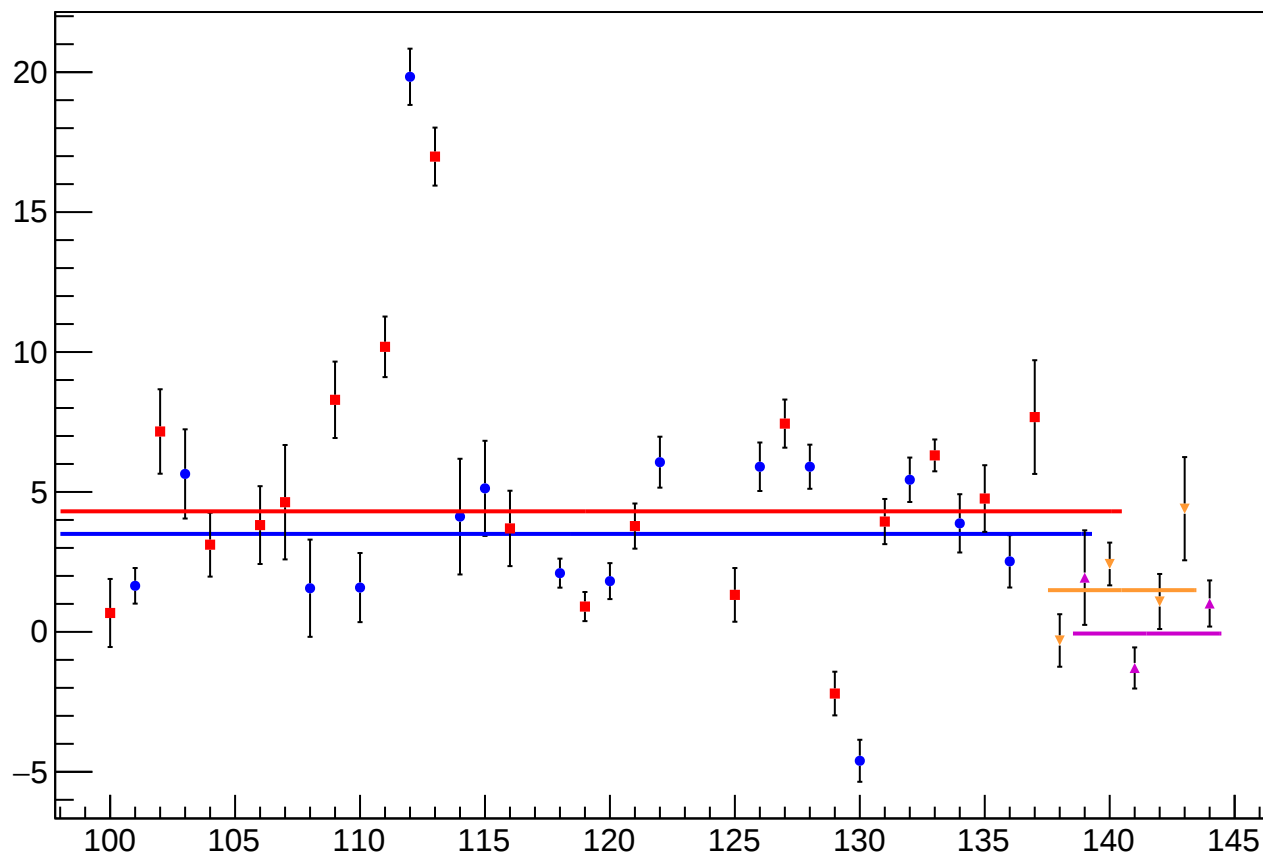
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -47.519+/-0.596 χ^2/NDF :99.2/2

Left: -45.512+/-0.418 χ^2/NDF : 227.8/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -47.519+/-0.596 χ^2/NDF :99.2/2
 Out: -43.563+/-0.587 χ^2/NDF :106.3/3
 All: -45.512+/-0.418 χ^2/NDF : 227.8/6

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.491 ± 0.489 χ^2/NDF : 7.8/3

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: -0.059 ± 0.522 χ^2/NDF : 5.9/2

Left: 0.766 ± 0.357 χ^2/NDF : 18.4/6

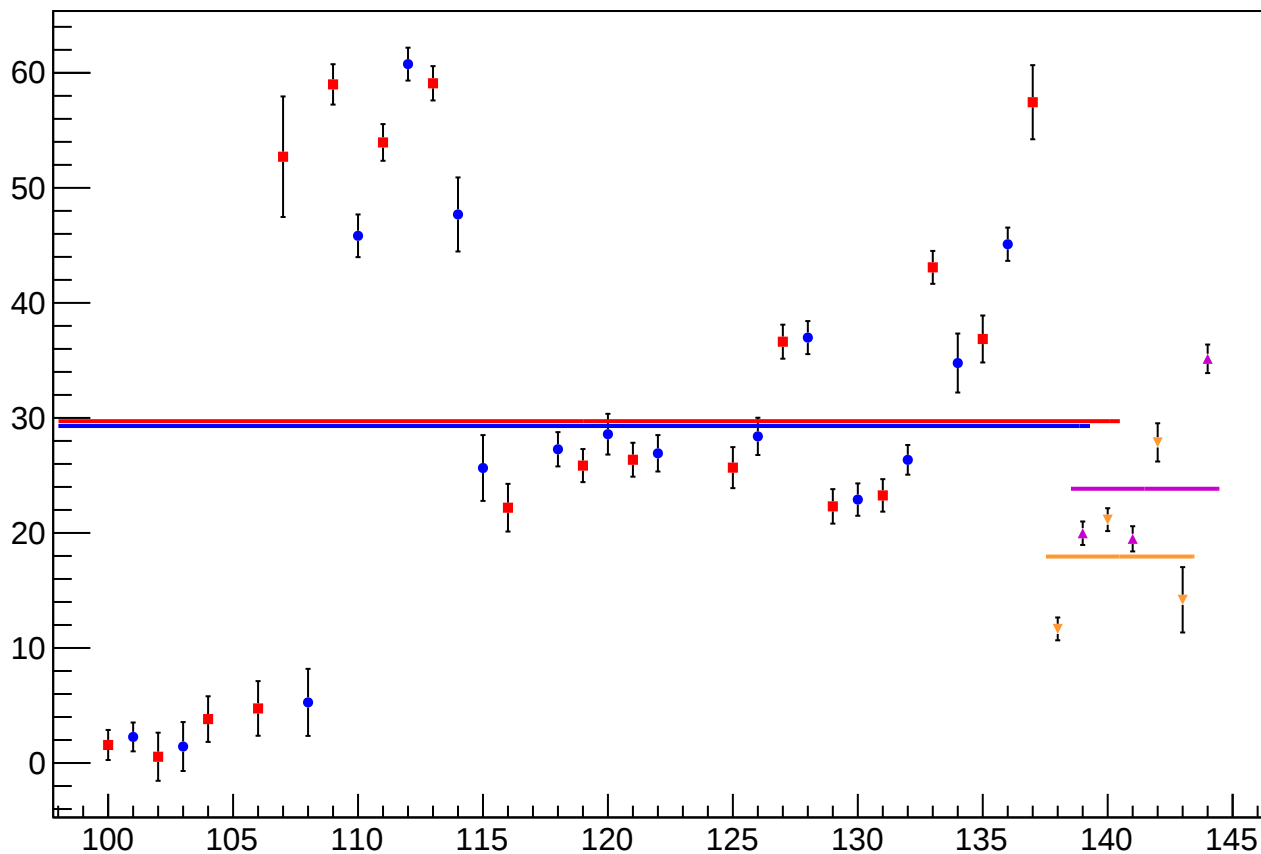
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.974 ± 0.201 χ^2/NDF : 487.5/18

Out: 3.829 ± 0.202 χ^2/NDF : 388.1/21

All: 3.399 ± 0.142 χ^2/NDF : 884.6/40

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 17.950 $\pm$ 0.631 χ^2 /NDF:87.9/3

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 23.843 $\pm$ 0.640 χ^2 /NDF:113.1/2

Left: 20.855 $\pm$ 0.449 χ^2 /NDF: 244.1/6

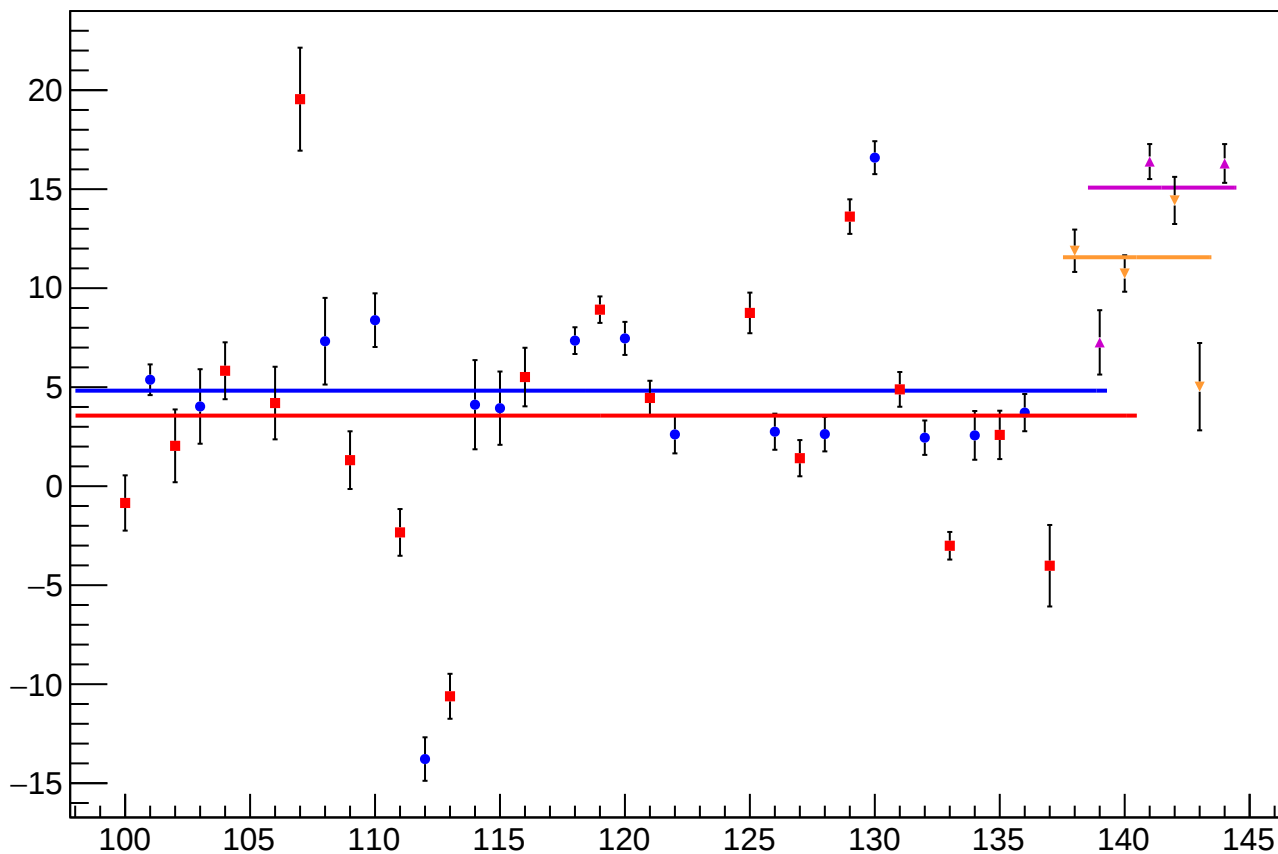
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 27.668 $\pm$ 0.349 χ^2 /NDF:1649.4/18

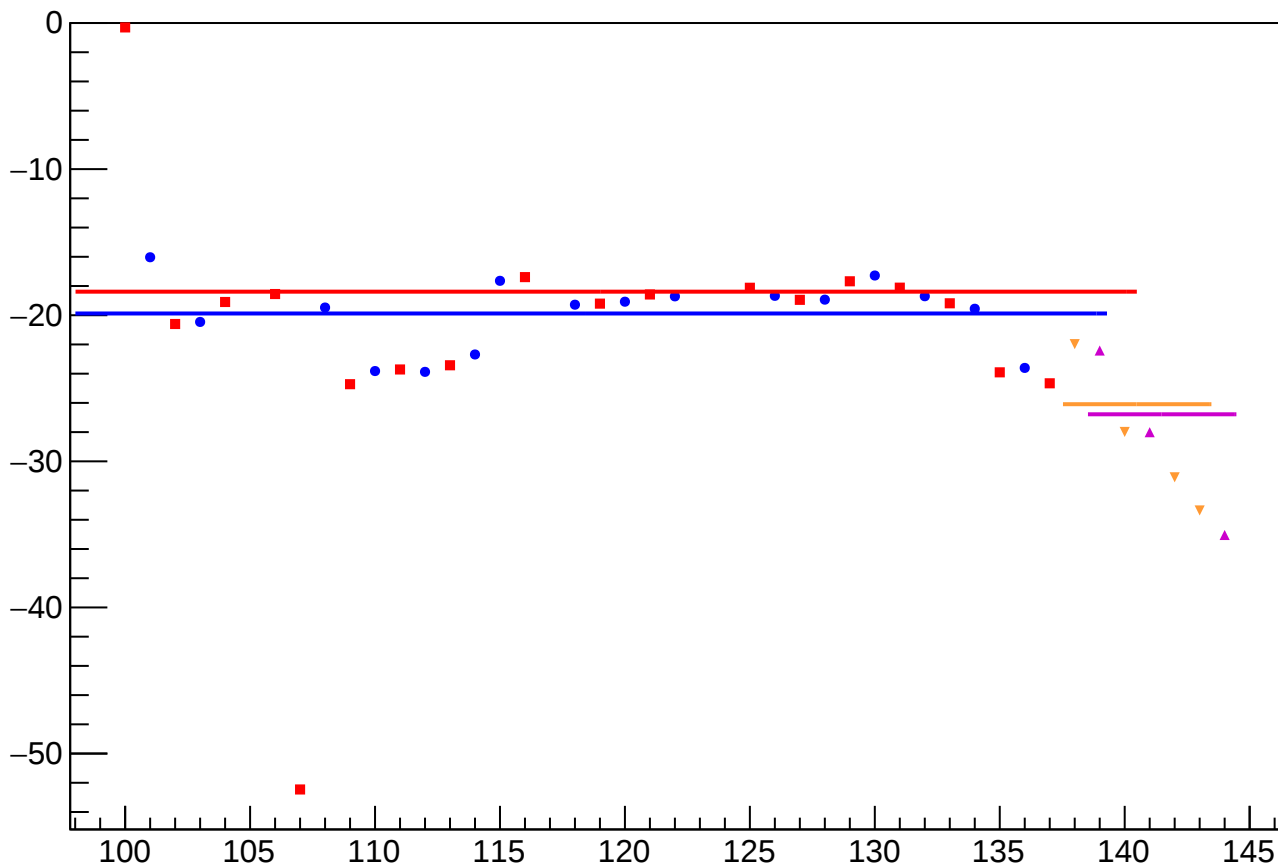
Out: 26.312 $\pm$ 0.339 χ^2 /NDF:2464.3/21

All: 26.970 $\pm$ 0.243 χ^2 /NDF: 4121.5/40

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 χ^2/NDF : 26082.0/15

Left Out: -26.089 ± 0.026 χ^2/NDF : 22665.6/3

Right Out: -18.387 ± 0.015 χ^2/NDF : 301256.3/17

Left In: -26.780 ± 0.025 χ^2/NDF : 38717.6/2

Left: -26.450 ± 0.018 χ^2/NDF : 61754.2/6

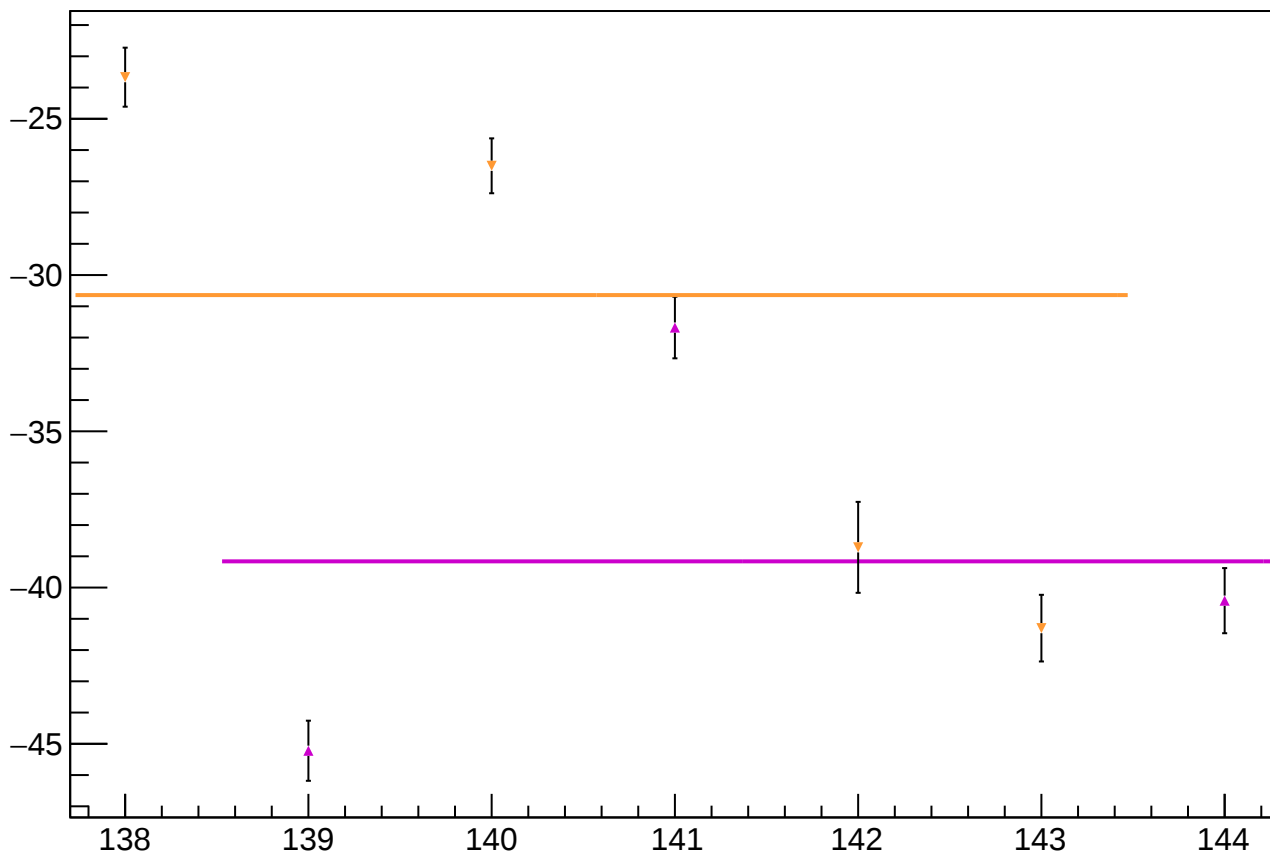
Right: -19.093 ± 0.011 χ^2/NDF : 332185.5/33

In: -21.836 ± 0.013 χ^2/NDF : 120409.6/18

Out: -20.270 ± 0.013 χ^2/NDF : 390640.9/21

All: -21.030 ± 0.009 χ^2/NDF : 518308.9/40

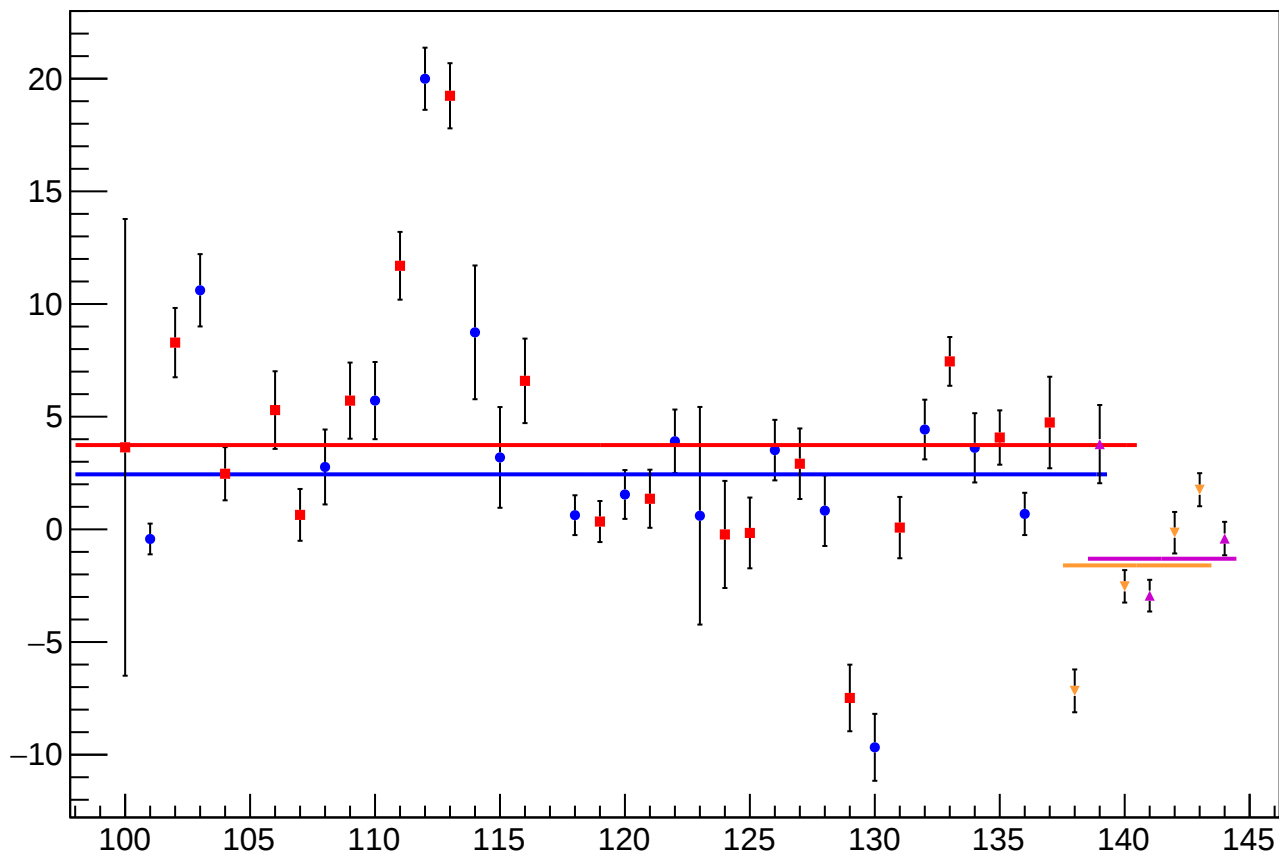
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -39.161+/-0.574 χ^2/NDF :98.8/2

Left: -34.439+/-0.383 χ^2/NDF : 428.1/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -39.161+/-0.574 χ^2/NDF :98.8/2
 Out: -30.641+/-0.515 χ^2/NDF :207.3/3
 All: -34.439+/-0.383 χ^2/NDF : 428.1/6

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -1.599 ± 0.406 $\chi^2/\text{NDF}: 59.4/3$

Right Out: 3.740 ± 0.326 $\chi^2/\text{NDF}: 268.1/18$

Left In: -1.304 ± 0.490 $\chi^2/\text{NDF}: 15.5/2$

Left: -1.479 ± 0.312 $\chi^2/\text{NDF}: 75.1/6$

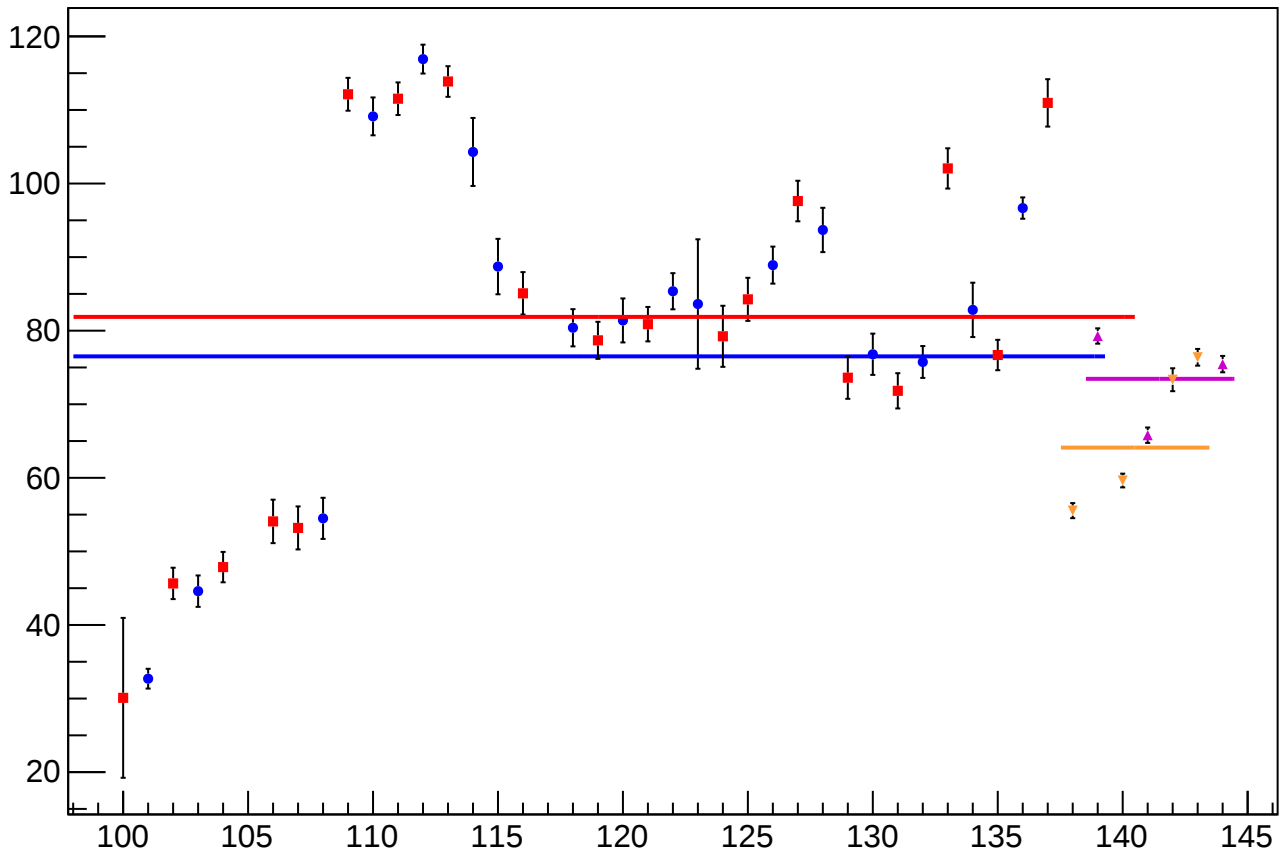
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/35$

In: 1.363 ± 0.263 $\chi^2/\text{NDF}: 351.8/19$

Out: 1.642 ± 0.254 $\chi^2/\text{NDF}: 432.7/22$

All: 1.507 ± 0.183 $\chi^2/\text{NDF}: 785.0/42$

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: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 73.454 $\pm$ 0.616 χ^2 /NDF:88.0/2

Left: 68.274 $\pm$ 0.411 χ^2 /NDF: 460.2/6

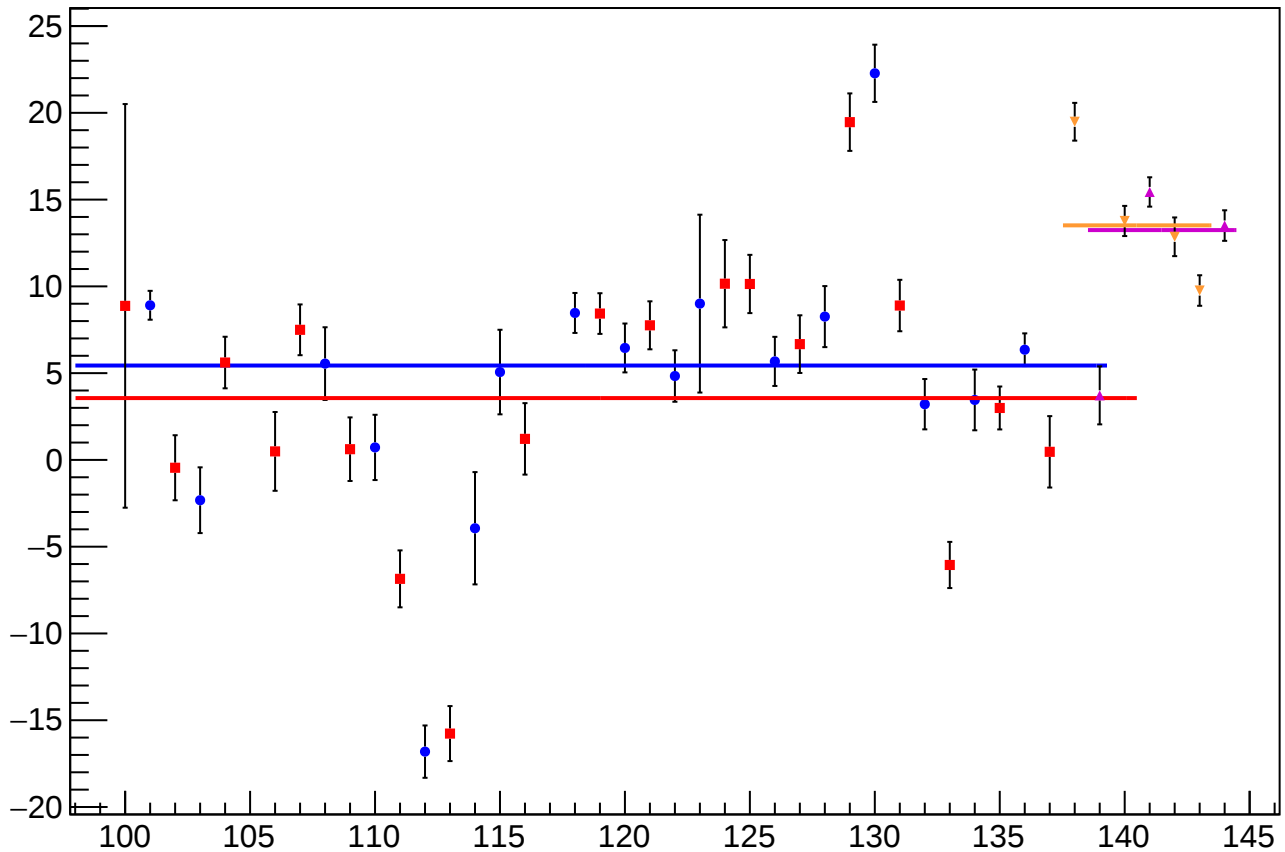
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 75.088 $\pm$ 0.420 χ^2 /NDF:2352.0/19

Out: 72.375 $\pm$ 0.404 χ^2 /NDF:2297.2/22

All: 73.678 $\pm$ 0.291 χ^2 /NDF: 4670.9/42

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 13.516 ± 0.484 $\chi^2/\text{NDF}: 48.7/3$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 13.243 ± 0.573 $\chi^2/\text{NDF}: 39.3/2$

Left: 13.402 ± 0.370 $\chi^2/\text{NDF}: 88.2/6$

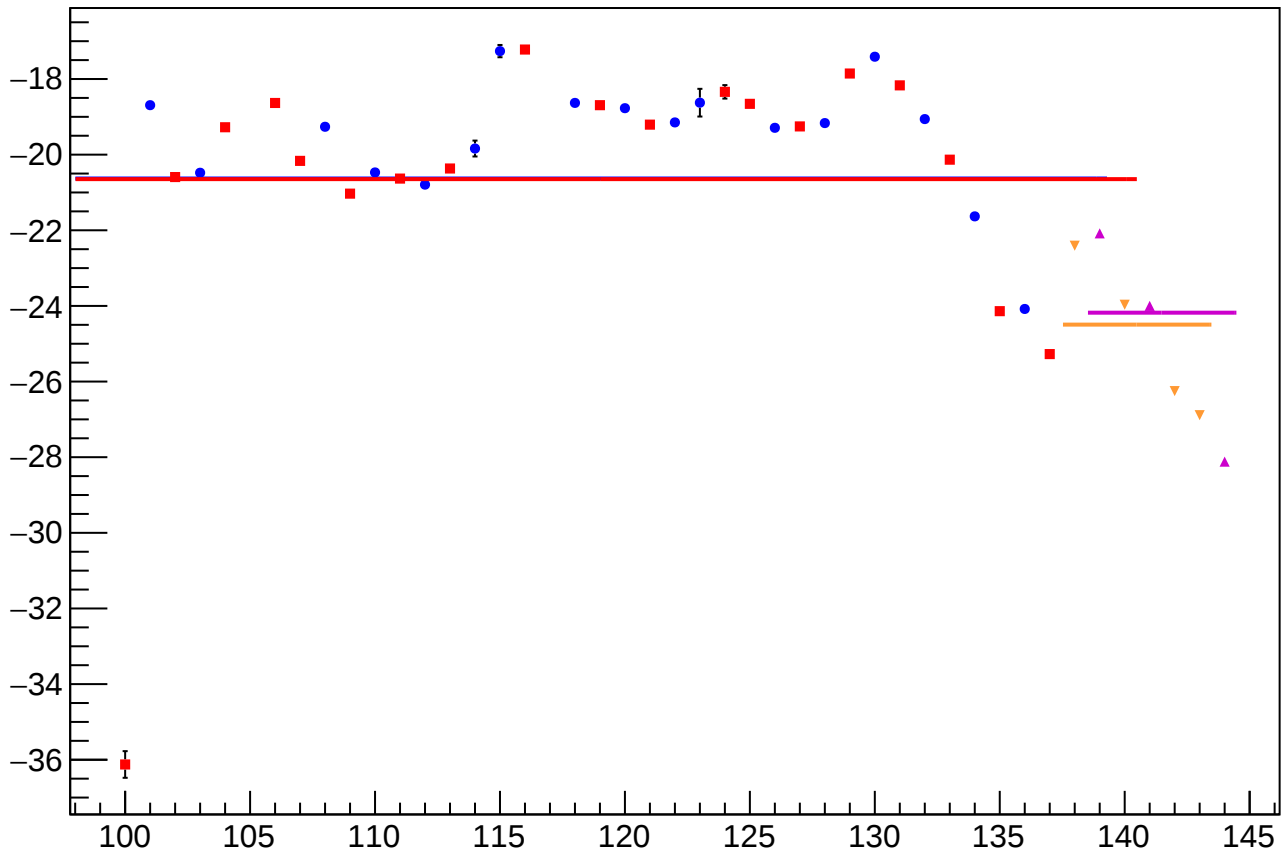
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 7.629 ± 0.303 $\chi^2/\text{NDF}: 559.0/19$

Out: 7.294 ± 0.296 $\chi^2/\text{NDF}: 733.7/22$

All: 7.458 ± 0.212 $\chi^2/\text{NDF}: 1293.3/42$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -24.494 $\pm$ 0.023 χ^2 /NDF: 6347.3/3

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -24.179 $\pm$ 0.024 χ^2 /NDF: 9801.3/2

Left: -24.346 $\pm$ 0.017 χ^2 /NDF: 16239.4/6

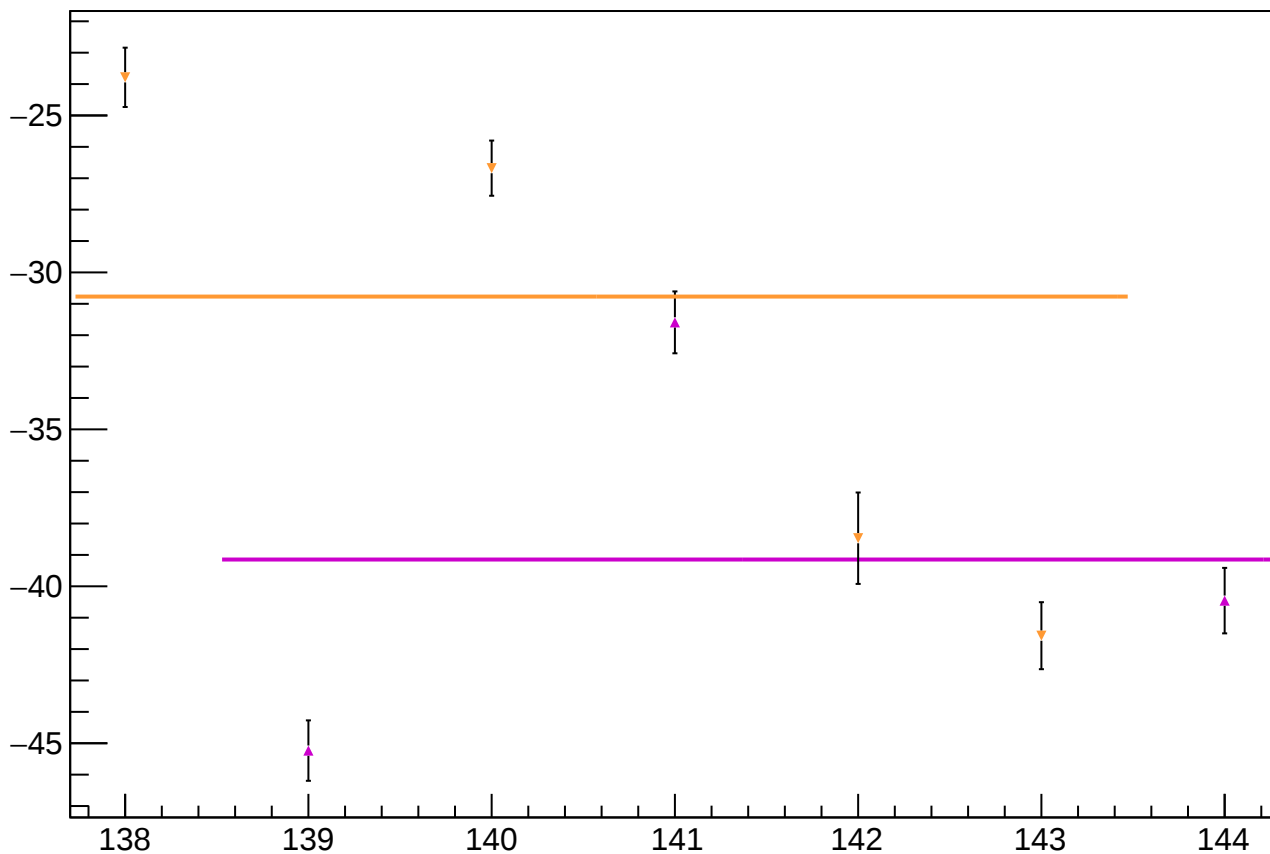
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -22.016 $\pm$ 0.015 χ^2 /NDF: 35493.5/19

Out: -22.274 $\pm$ 0.015 χ^2 /NDF: 36842.6/22

All: -22.148 $\pm$ 0.011 χ^2 /NDF: 72486.8/42

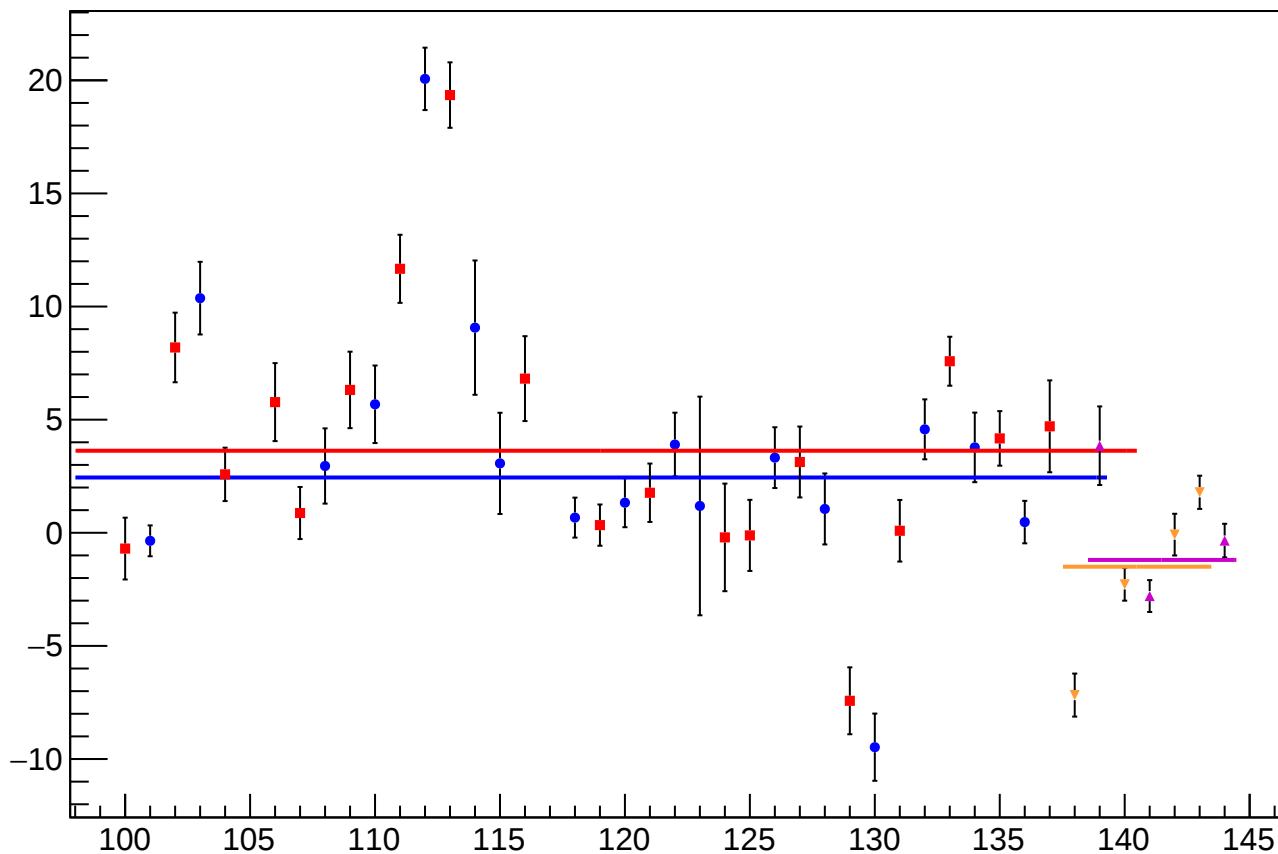
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -30.770 ± 0.515 $\chi^2/\text{NDF}: 206.7/3$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -39.147 ± 0.575 $\chi^2/\text{NDF}: 100.3/2$

Left: -34.504 ± 0.384 $\chi^2/\text{NDF}: 424.8/6$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -39.147 ± 0.575 $\chi^2/\text{NDF}: 100.3/2$
 Out: -30.770 ± 0.515 $\chi^2/\text{NDF}: 206.7/3$
 All: -34.504 ± 0.384 $\chi^2/\text{NDF}: 424.8/6$

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: -1.499 $\pm$ 0.406 χ^2 /NDF: 59.2/3

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: -1.200 $\pm$ 0.490 χ^2 /NDF: 14.9/2

Left: -1.377 $\pm$ 0.313 χ^2 /NDF: 74.4/6

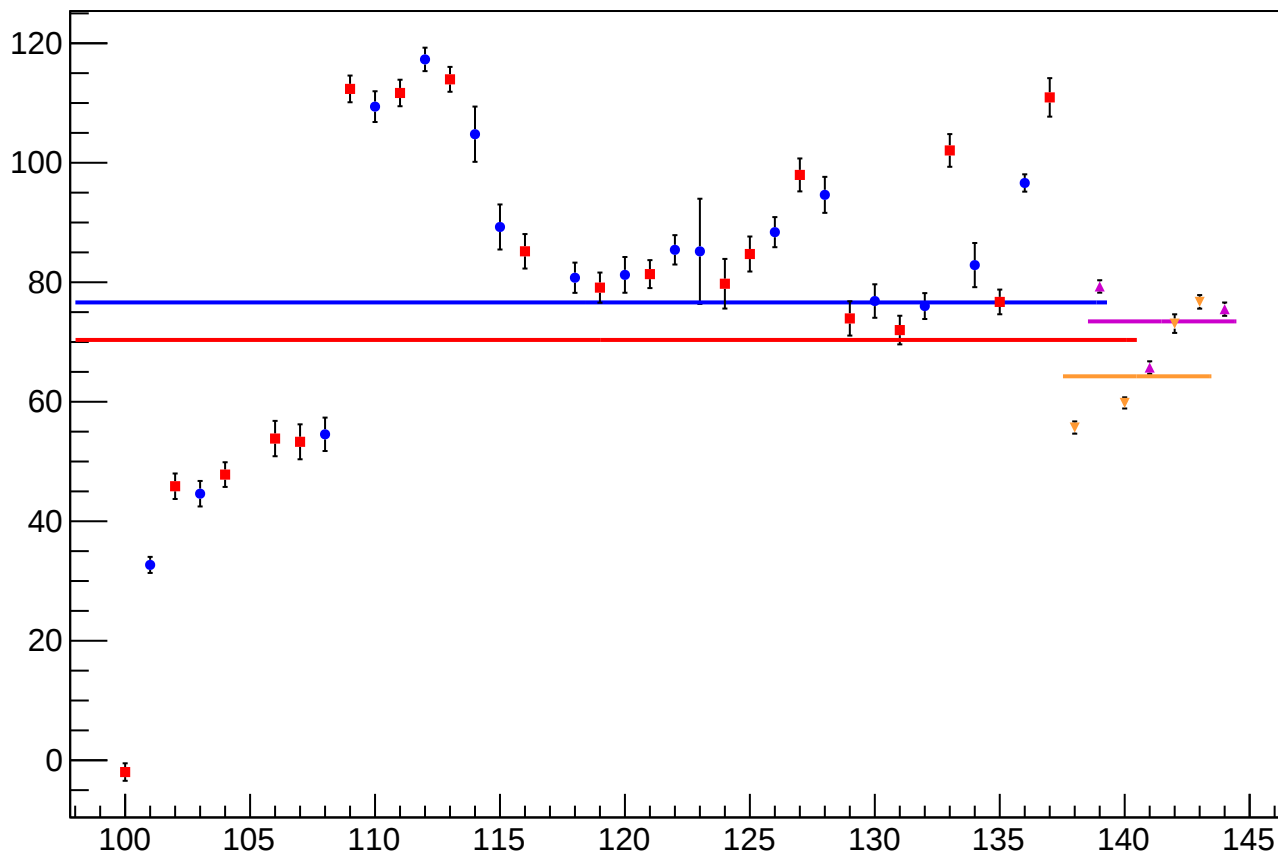
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 1.395 $\pm$ 0.263 χ^2 /NDF: 347.0/19

Out: 1.679 $\pm$ 0.250 χ^2 /NDF: 436.9/22

All: 1.544 $\pm$ 0.181 χ^2 /NDF: 784.5/42

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: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 73.452 $\pm$ 0.616 χ^2 /NDF:89.2/2

Left: 68.356 $\pm$ 0.411 χ^2 /NDF: 457.1/6

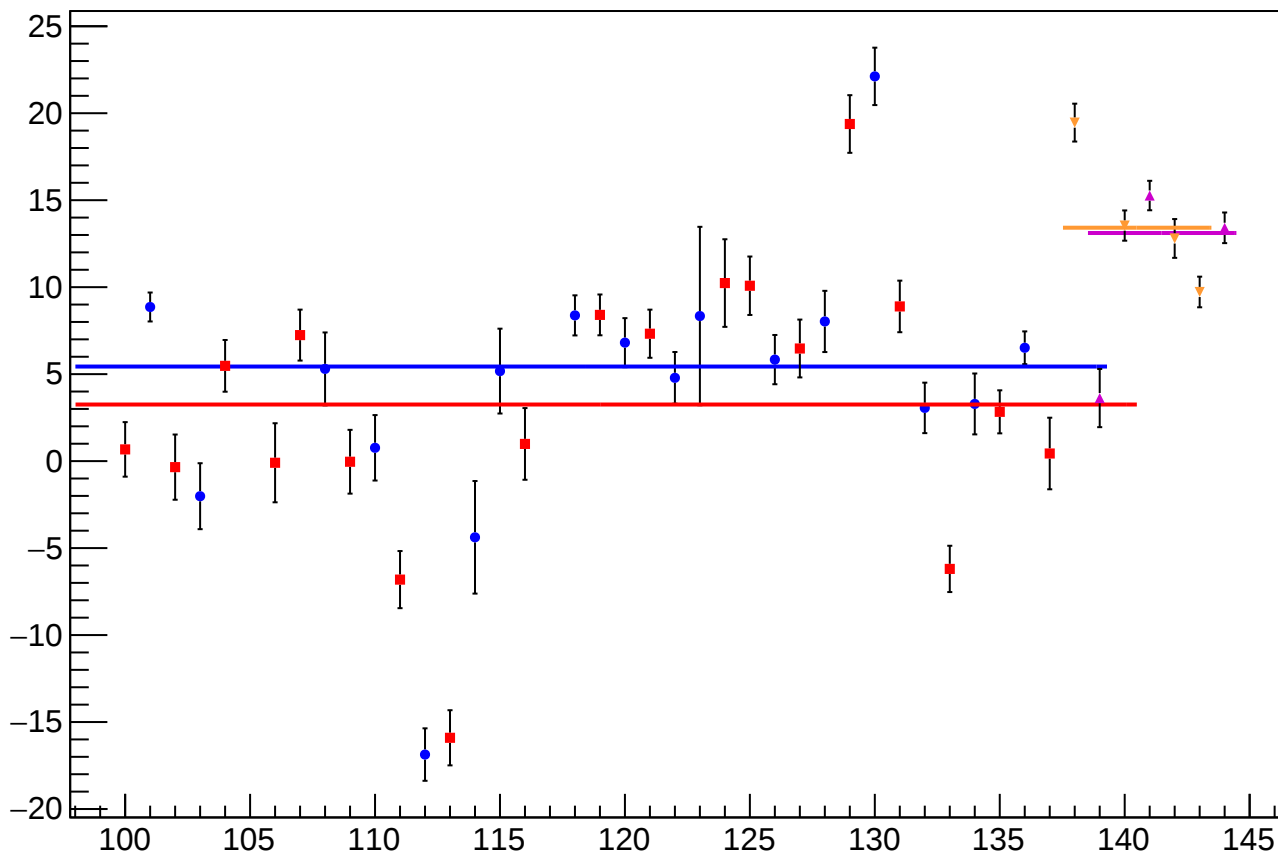
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 75.150 $\pm$ 0.420 χ^2 /NDF:2366.2/19

Out: 67.319 $\pm$ 0.390 χ^2 /NDF:4693.6/22

All: 70.939 $\pm$ 0.286 χ^2 /NDF: 7246.6/42

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 13.418 $\pm$ 0.485 χ^2 /NDF:48.7/3

Right Out: 3.253 $\pm$ 0.365 χ^2 /NDF: 423.7/18

Left In: 13.114 $\pm$ 0.573 χ^2 /NDF:38.8/2

Left: 13.291 $\pm$ 0.370 χ^2 /NDF: 87.7/6

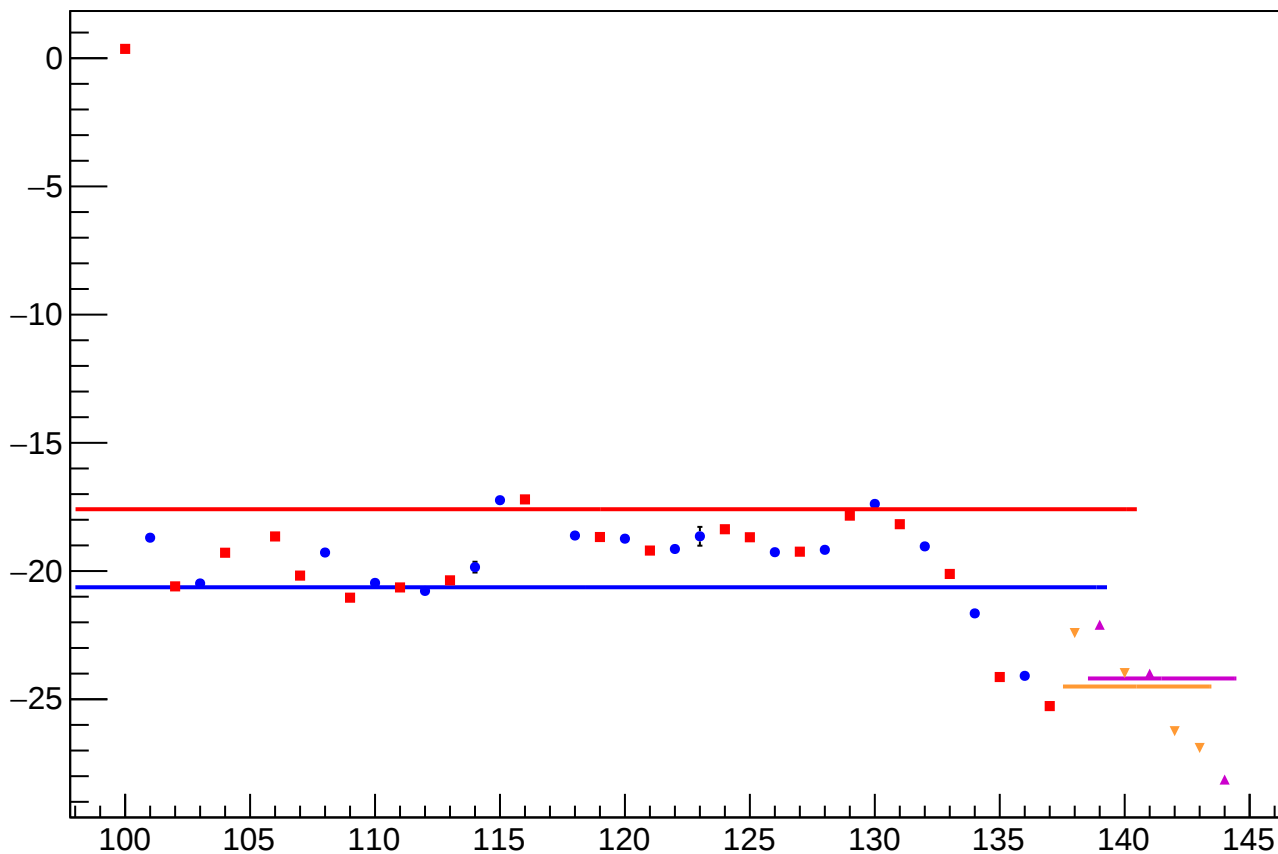
Right: 4.367 $\pm$ 0.256 χ^2 /NDF: 826.5/35

In: 7.591 $\pm$ 0.304 χ^2 /NDF:552.3/19

Out: 6.935 $\pm$ 0.292 χ^2 /NDF:753.2/22

All: 7.249 $\pm$ 0.210 χ^2 /NDF: 1307.9/42

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -24.503 ± 0.023 $\chi^2/\text{NDF}: 6322.0/3$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -24.189 ± 0.024 $\chi^2/\text{NDF}: 9793.5/2$

Left: -24.356 ± 0.017 $\chi^2/\text{NDF}: 16205.2/6$

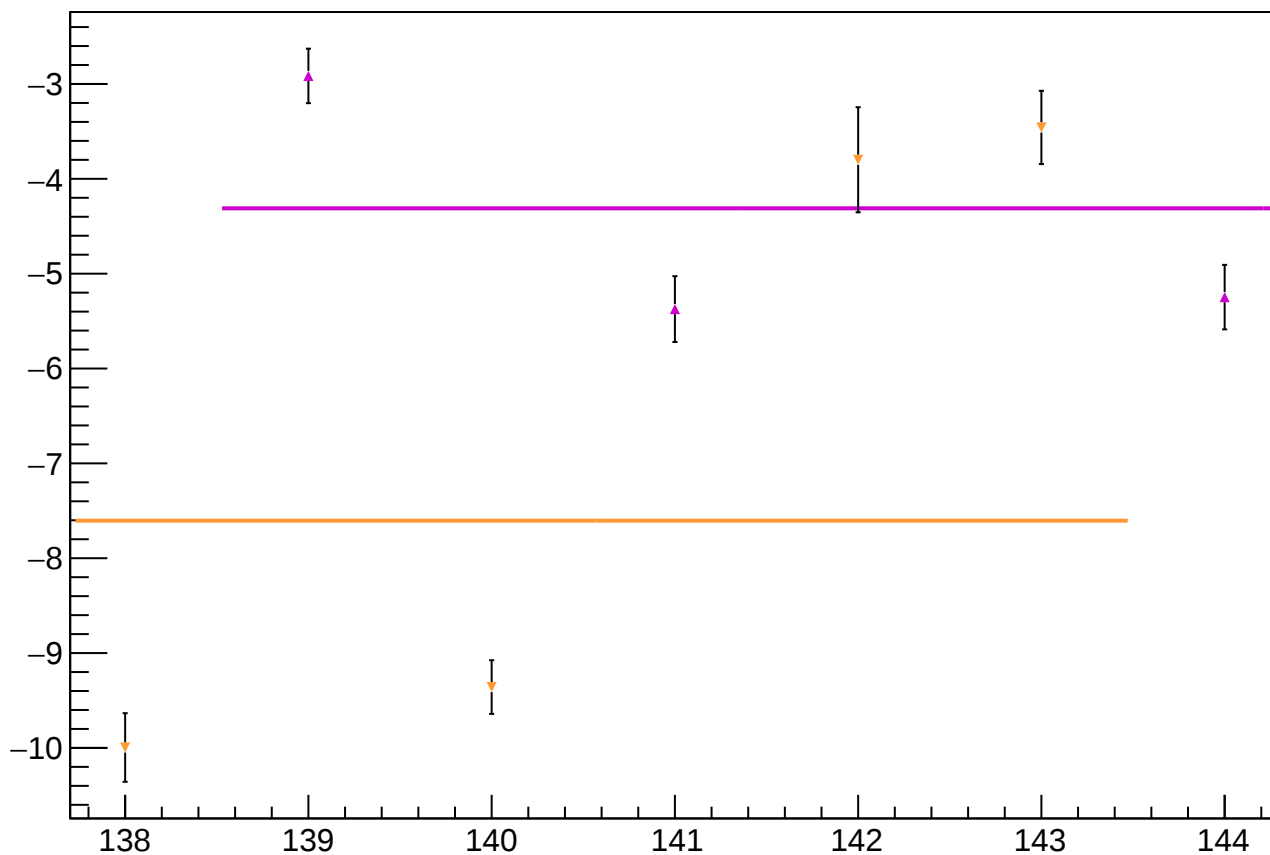
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -22.020 ± 0.015 $\chi^2/\text{NDF}: 35580.8/19$

Out: -20.260 ± 0.014 $\chi^2/\text{NDF}: 241897.5/22$

All: -21.082 ± 0.010 $\chi^2/\text{NDF}: 284745.5/42$

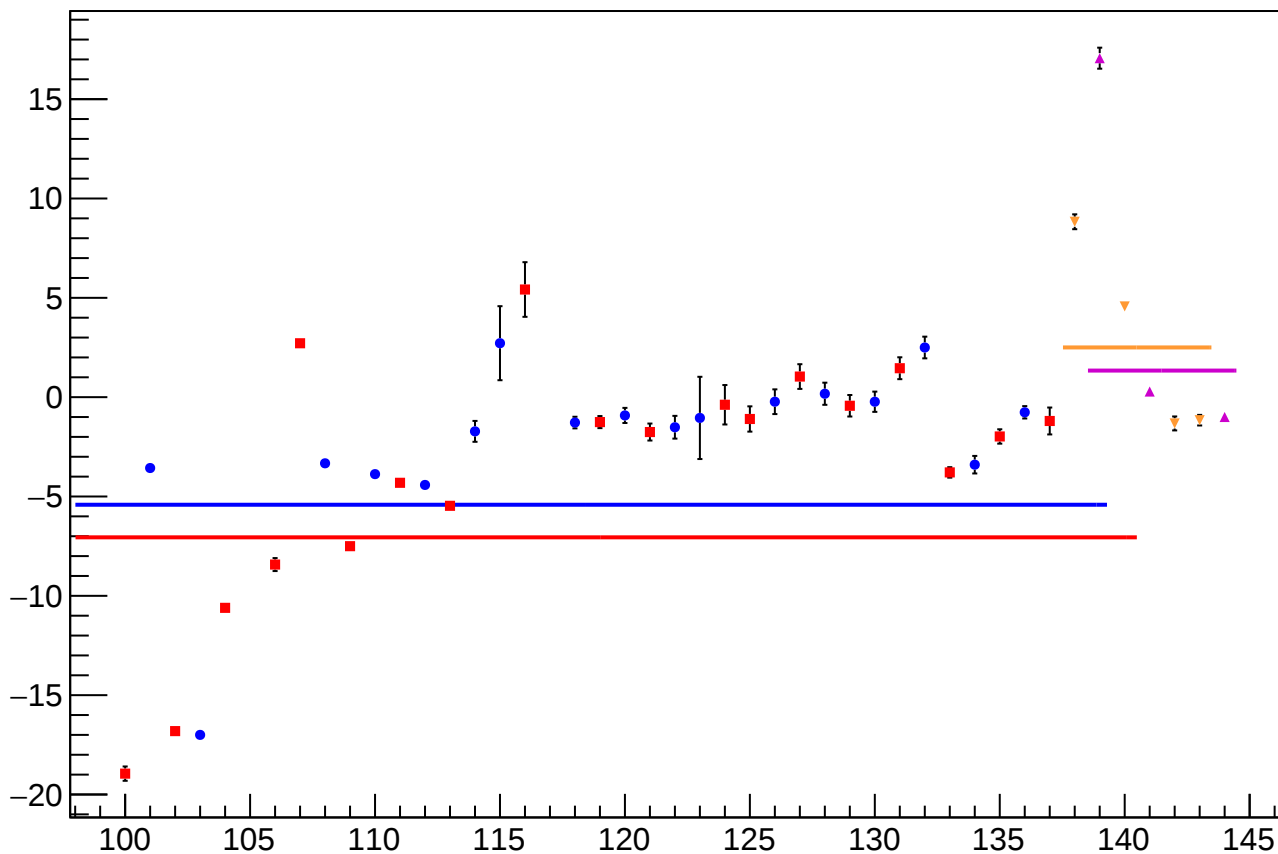
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -4.311+/-0.185 χ^2/NDF :40.6/2

Left: -5.986+/-0.130 χ^2/NDF : 445.5/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.311+/-0.185 χ^2/NDF :40.6/2
 Out: -7.604+/-0.182 χ^2/NDF :244.5/3
 All: -5.986+/-0.130 χ^2/NDF : 445.5/6

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2 /NDF: 9255.1/16

Left Out: 2.503 $\pm$ 0.145 χ^2 /NDF:669.8/3

Right Out: -7.056 $\pm$ 0.059 χ^2 /NDF: 12334.0/18

Left In: 1.338 $\pm$ 0.166 χ^2 /NDF:992.4/2

Left: 1.996 $\pm$ 0.109 χ^2 /NDF: 1690.2/6

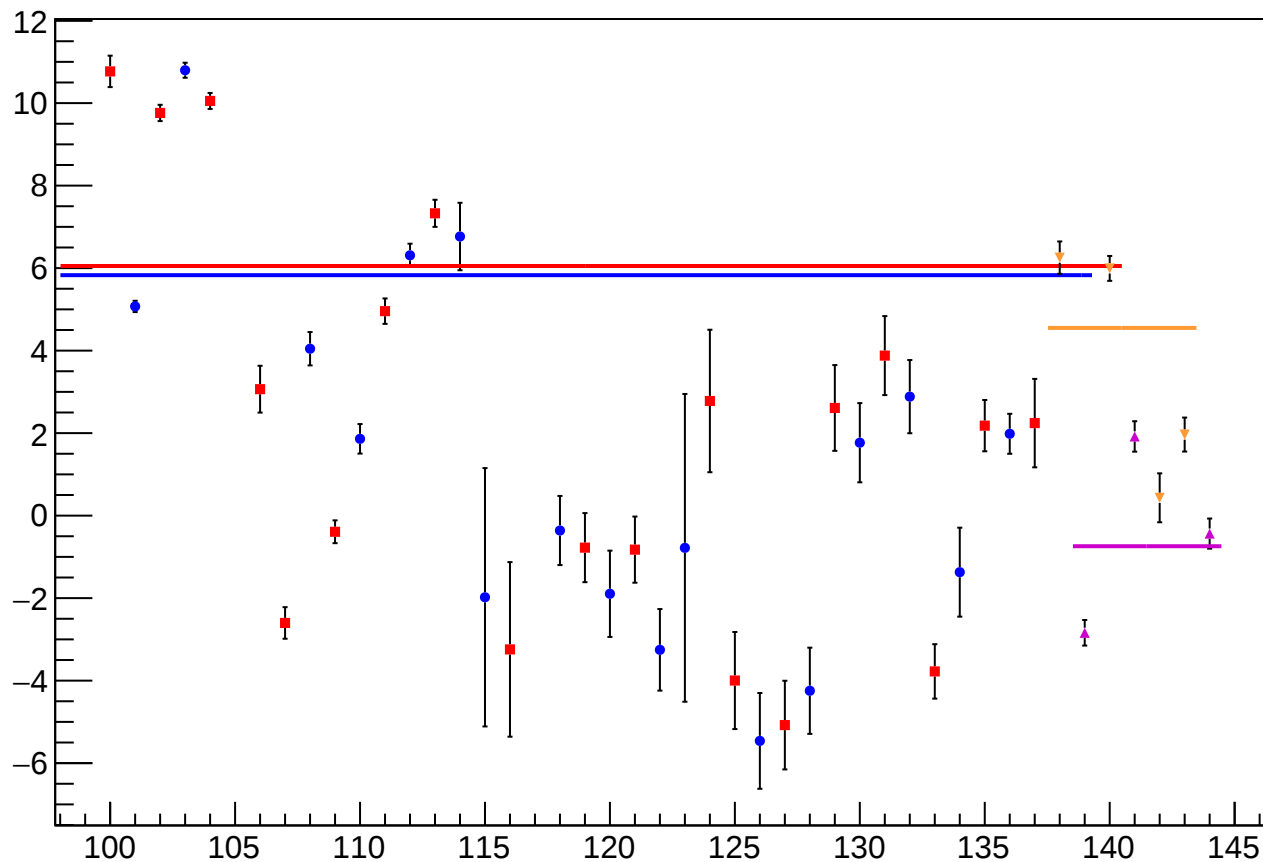
Right: -6.174 $\pm$ 0.040 χ^2 /NDF: 22004.4/35

In: -4.749 $\pm$ 0.052 χ^2 /NDF:11747.9/19

Out: -5.702 $\pm$ 0.055 χ^2 /NDF:16720.5/22

All: -5.201 $\pm$ 0.038 χ^2 /NDF: 28627.9/42

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 4.550 ± 0.195 χ^2/NDF : 129.4/3

Right Out: 6.051 ± 0.093 χ^2/NDF : 2674.1/18

Left In: -0.742 ± 0.199 χ^2/NDF : 98.6/2

Left: 1.953 ± 0.139 χ^2/NDF : 588.5/6

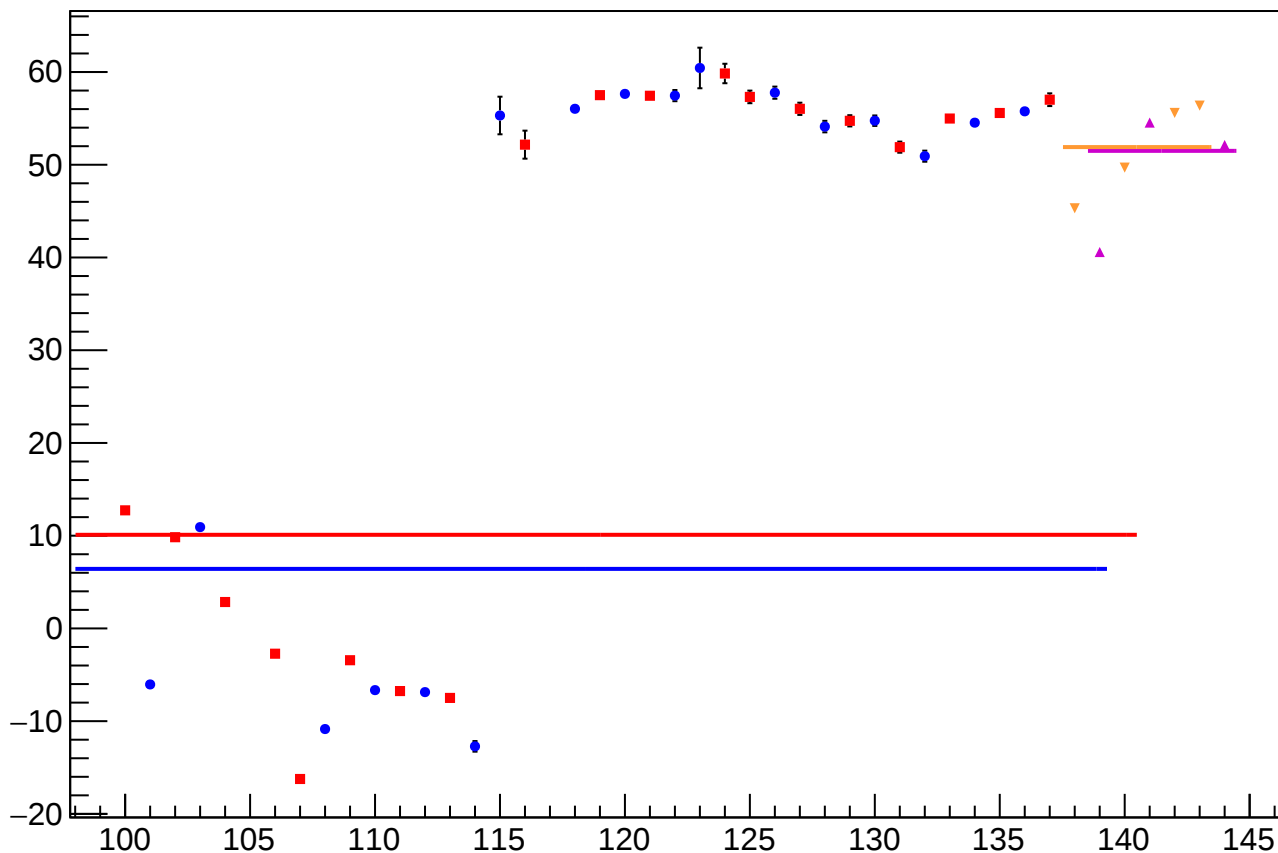
Right: 5.936 ± 0.065 χ^2/NDF : 4125.3/35

In: 4.720 ± 0.082 χ^2/NDF : 2454.0/19

Out: 5.772 ± 0.084 χ^2/NDF : 2851.6/22

All: 5.230 ± 0.059 χ^2/NDF : 5386.1/42

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 51.905+/-0.173 χ^2/NDF : 573.8/3

Right Out: 10.096+/-0.070 χ^2/NDF : 122124.3/18

Left In: 51.499+/-0.192 χ^2/NDF : 566.2/2

Left: 51.723+/-0.129 χ^2/NDF : 1142.4/6

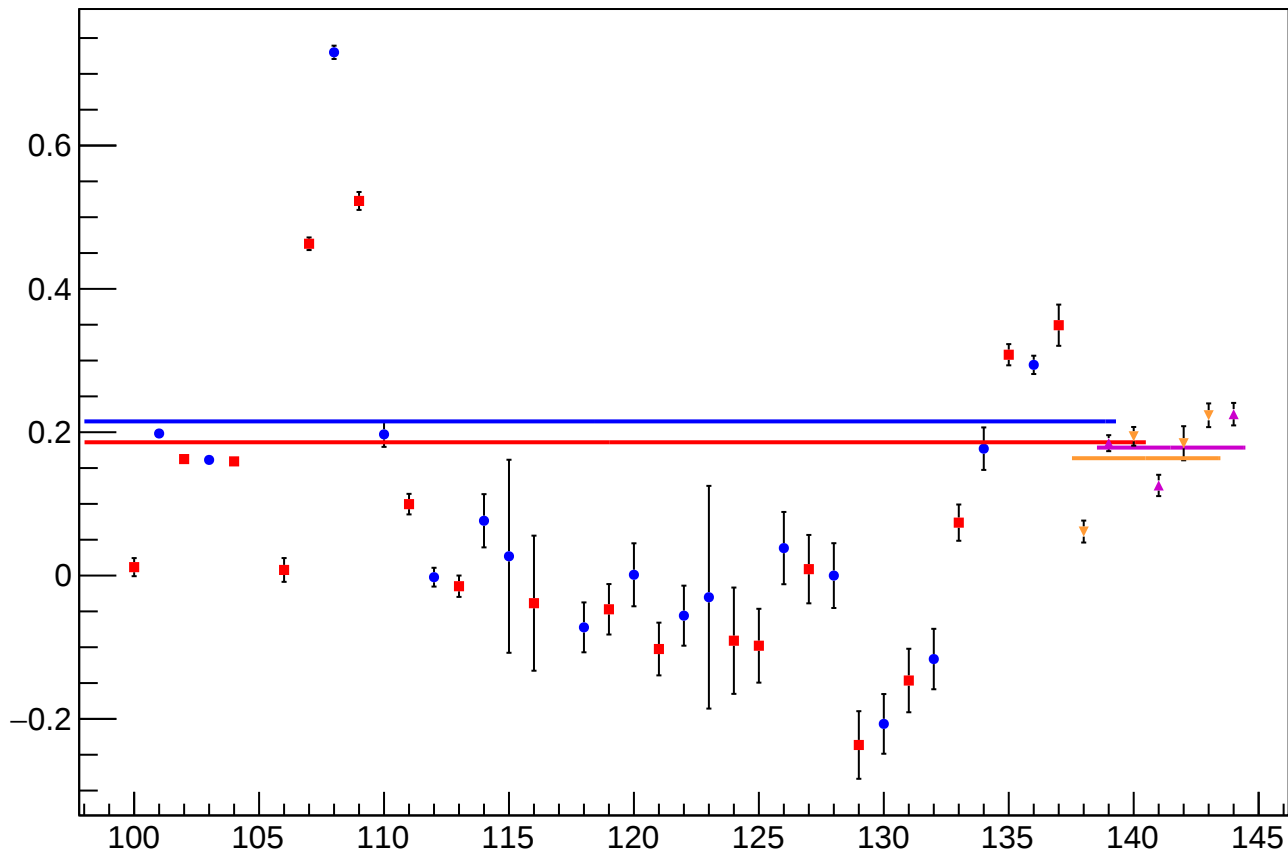
Right: 8.122+/-0.047 χ^2/NDF : 246726.1/35

In: 11.013+/-0.061 χ^2/NDF : 173071.4/19

Out: 15.927+/-0.065 χ^2/NDF : 172861.7/22

All: 13.340+/-0.045 χ^2/NDF : 348972.4/42

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: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.179 $\pm$ 0.008 χ^2 /NDF: 21.8/2

Left: 0.171 $\pm$ 0.006 χ^2 /NDF: 87.6/6

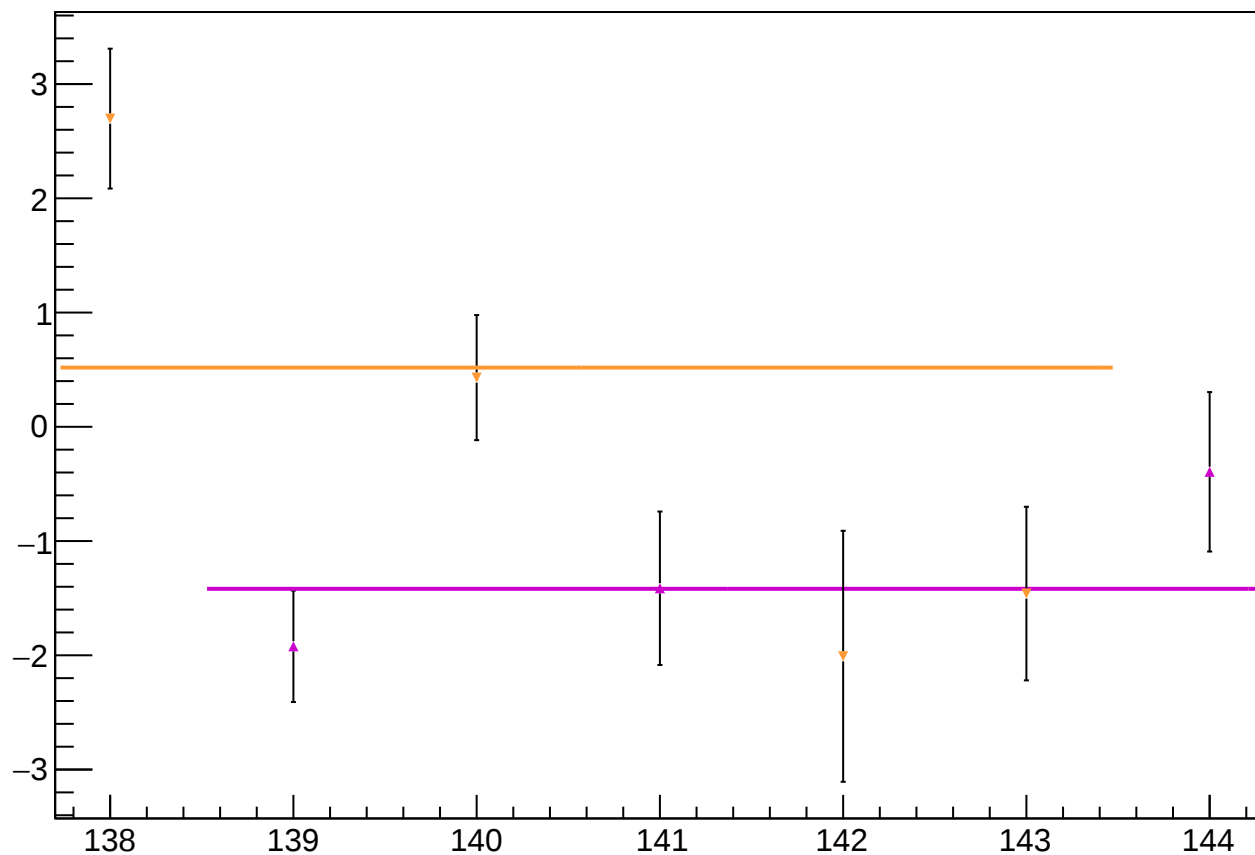
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.211 $\pm$ 0.003 χ^2 /NDF: 3968.7/19

Out: 0.184 $\pm$ 0.003 χ^2 /NDF: 2790.3/22

All: 0.197 $\pm$ 0.002 χ^2 /NDF: 6814.9/42

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: -1.418+/-0.344 χ^2/NDF :3.2/2

Left: -0.445+/-0.242 χ^2/NDF : 44.0/6

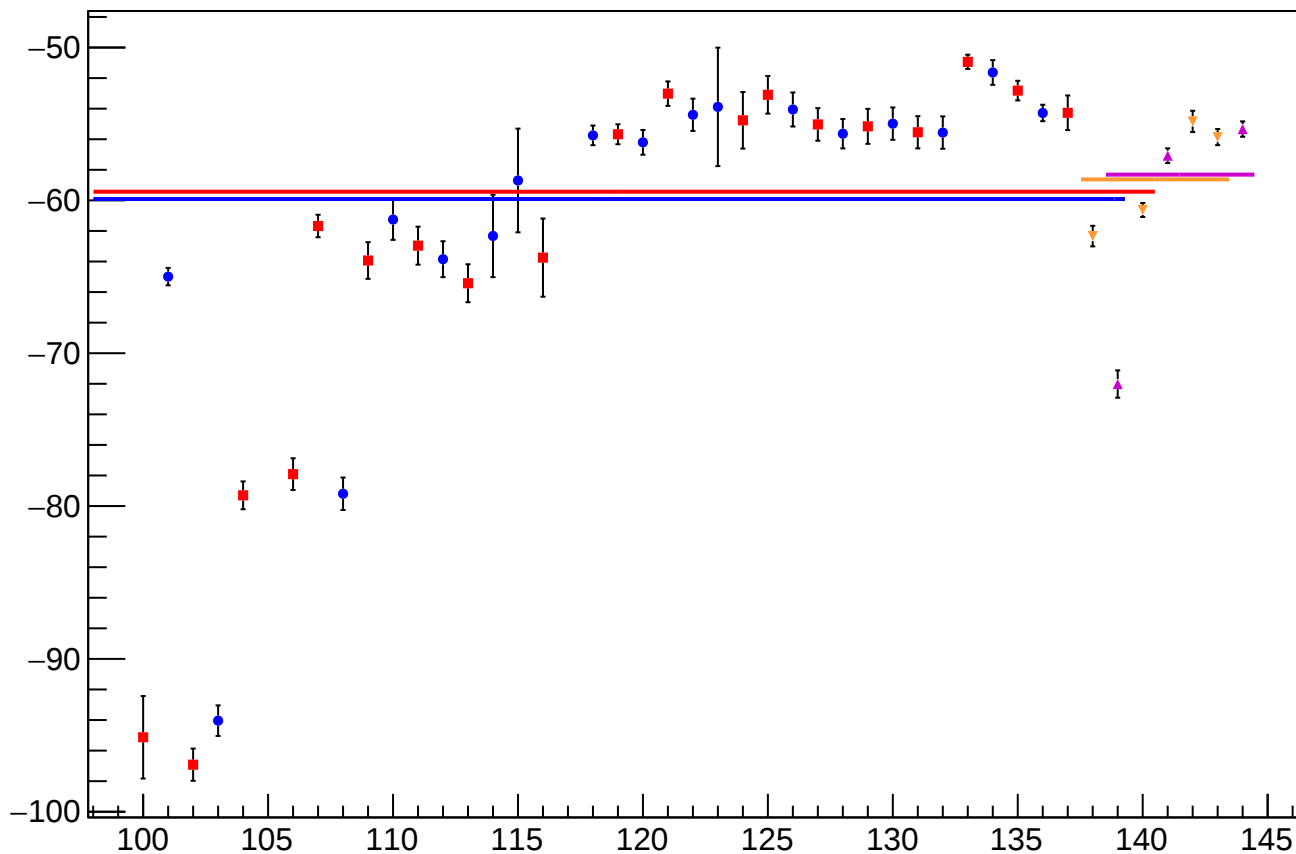
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.418+/-0.344 χ^2/NDF :3.2/2

Out: 0.518+/-0.342 χ^2/NDF :24.8/3

All: -0.445+/-0.242 χ^2/NDF : 44.0/6

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -58.628 ± 0.281 χ^2/NDF : 106.5/3

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -58.316 ± 0.325 χ^2/NDF : 276.0/2

Left: -58.494 ± 0.213 χ^2/NDF : 383.1/6

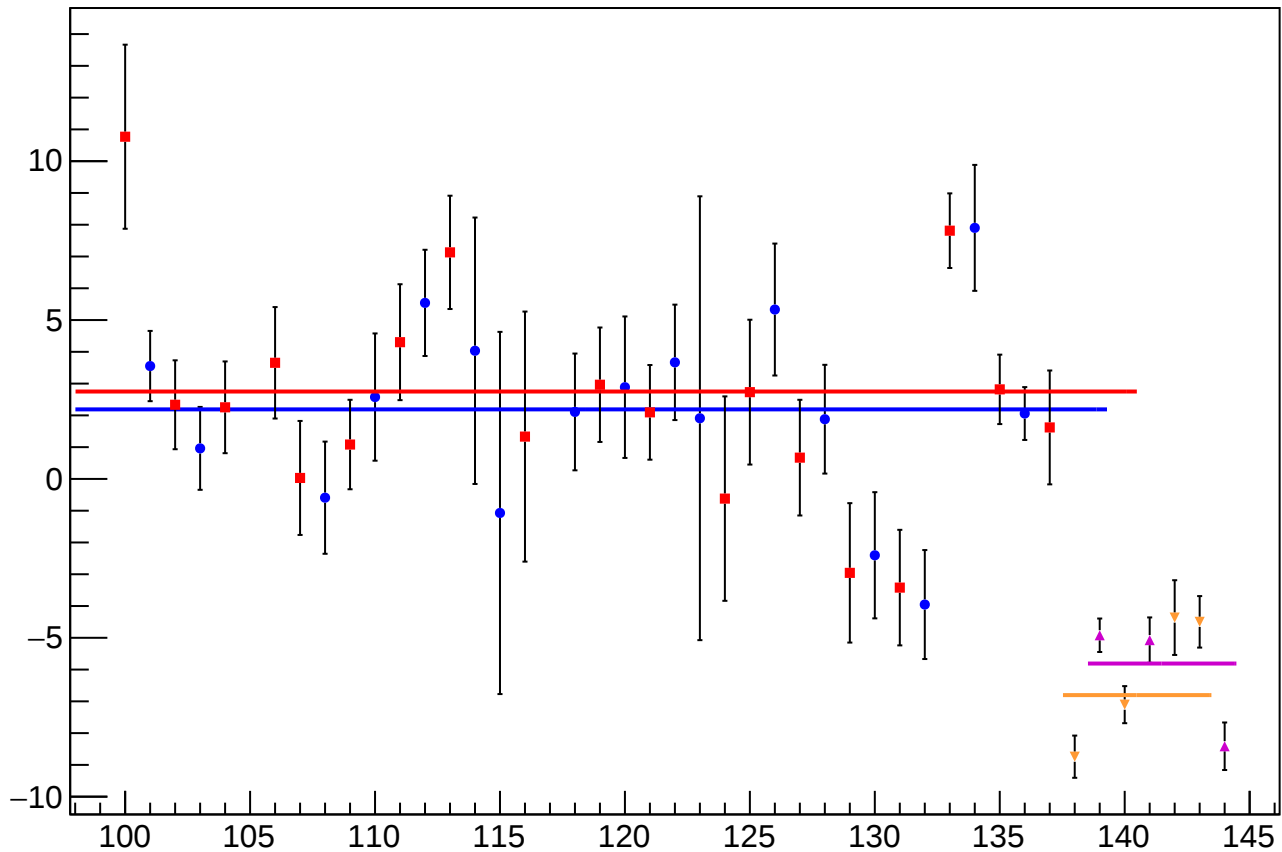
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -59.399 ± 0.184 χ^2/NDF : 2273.2/19

Out: -59.142 ± 0.169 χ^2/NDF : 3030.7/22

All: -59.259 ± 0.125 χ^2/NDF : 5305.0/42

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: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -5.810 ± 0.369 $\chi^2/\text{NDF}: 16.0/2$

Left: -6.310 ± 0.260 $\chi^2/\text{NDF}: 40.9/6$

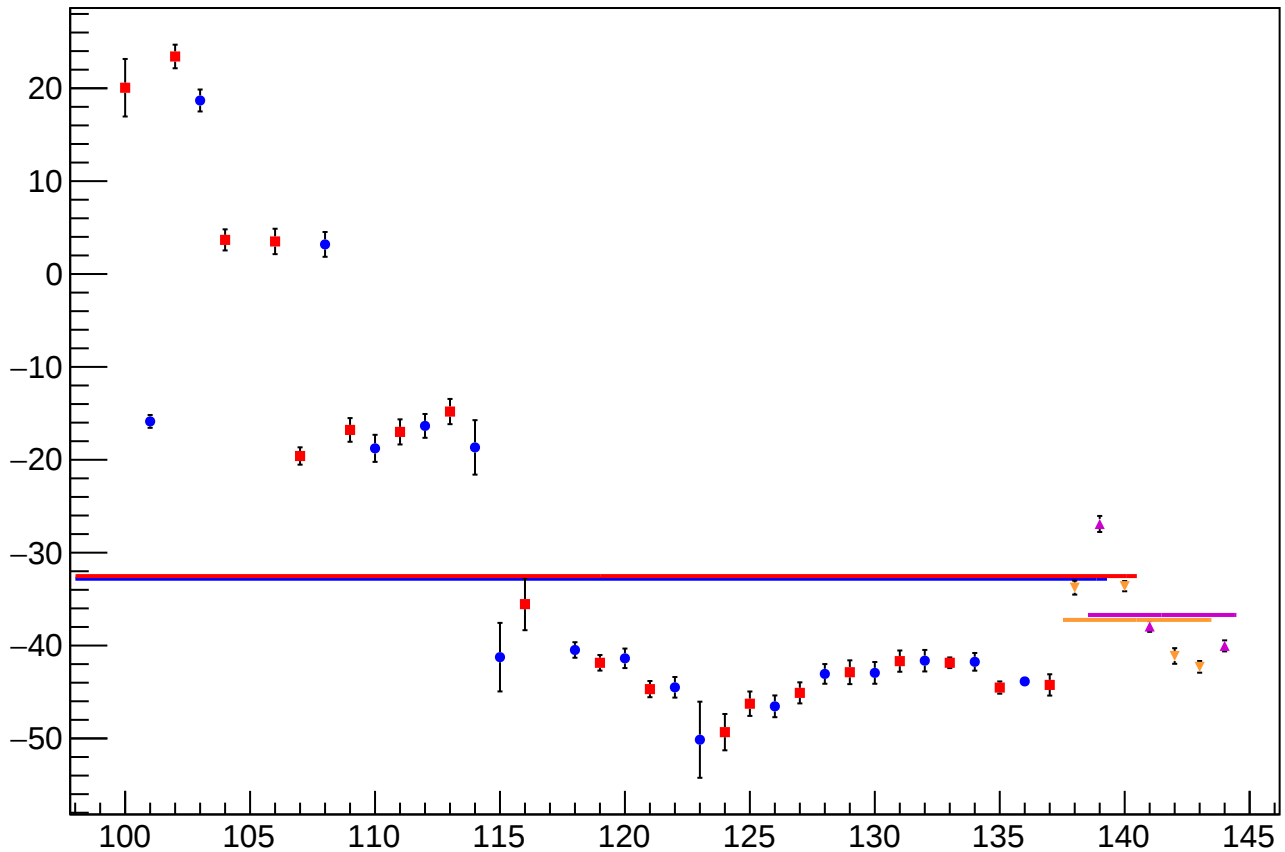
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -2.180 ± 0.273 $\chi^2/\text{NDF}: 268.6/19$

Out: -2.292 ± 0.266 $\chi^2/\text{NDF}: 400.9/22$

All: -2.237 ± 0.190 $\chi^2/\text{NDF}: 669.6/42$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.239 ± 0.333 $\chi^2/\text{NDF}: 150.6/3$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -36.707 ± 0.373 $\chi^2/\text{NDF}: 164.9/2$

Left: -37.003 ± 0.249 $\chi^2/\text{NDF}: 316.7/6$

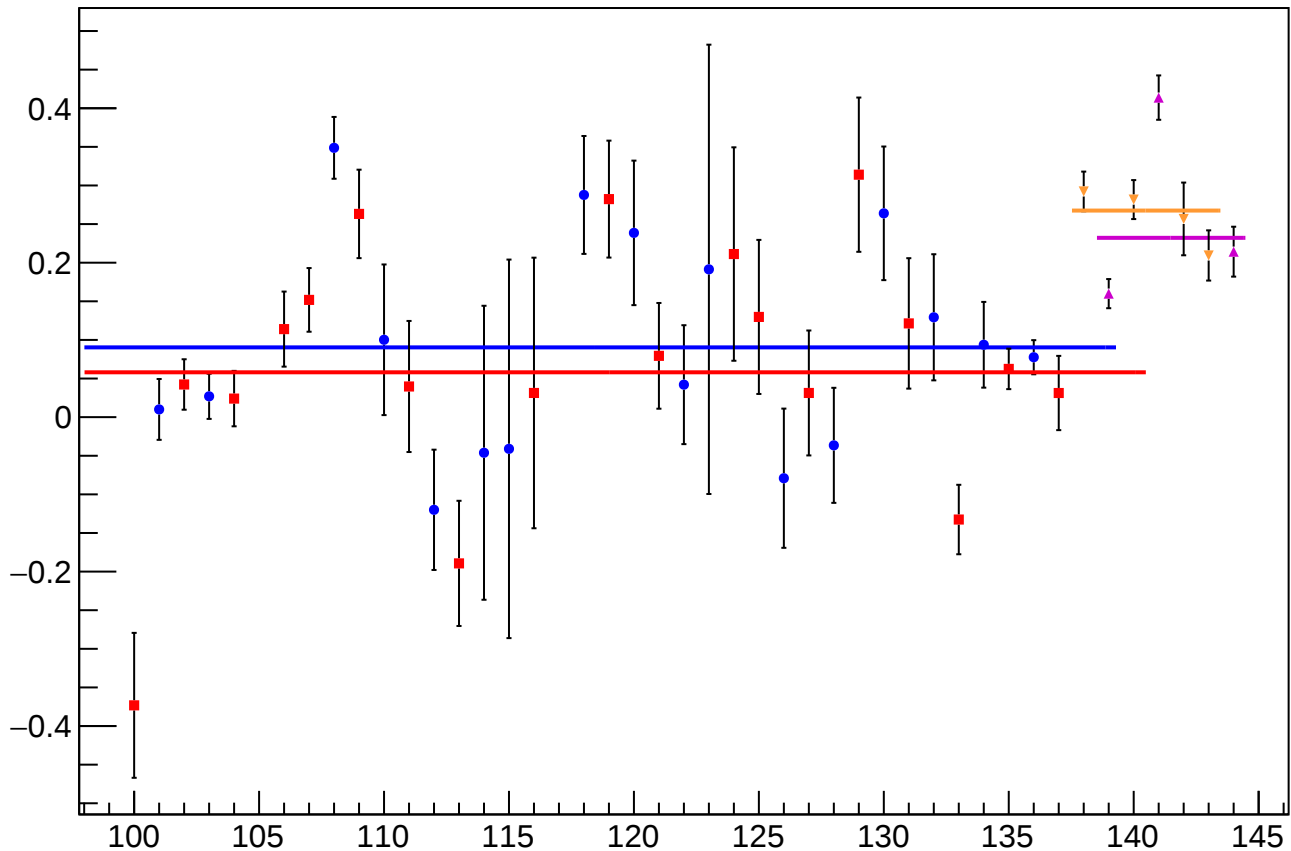
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -34.042 ± 0.210 $\chi^2/\text{NDF}: 4902.2/19$

Out: -34.166 ± 0.197 $\chi^2/\text{NDF}: 6321.5/22$

All: -34.108 ± 0.144 $\chi^2/\text{NDF}: 11223.9/42$

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: 0.058 ± 0.012 χ^2/NDF : 87.1/18

Left In: 0.232 ± 0.014 χ^2/NDF : 54.9/2

Left: 0.249 ± 0.010 χ^2/NDF : 62.4/6

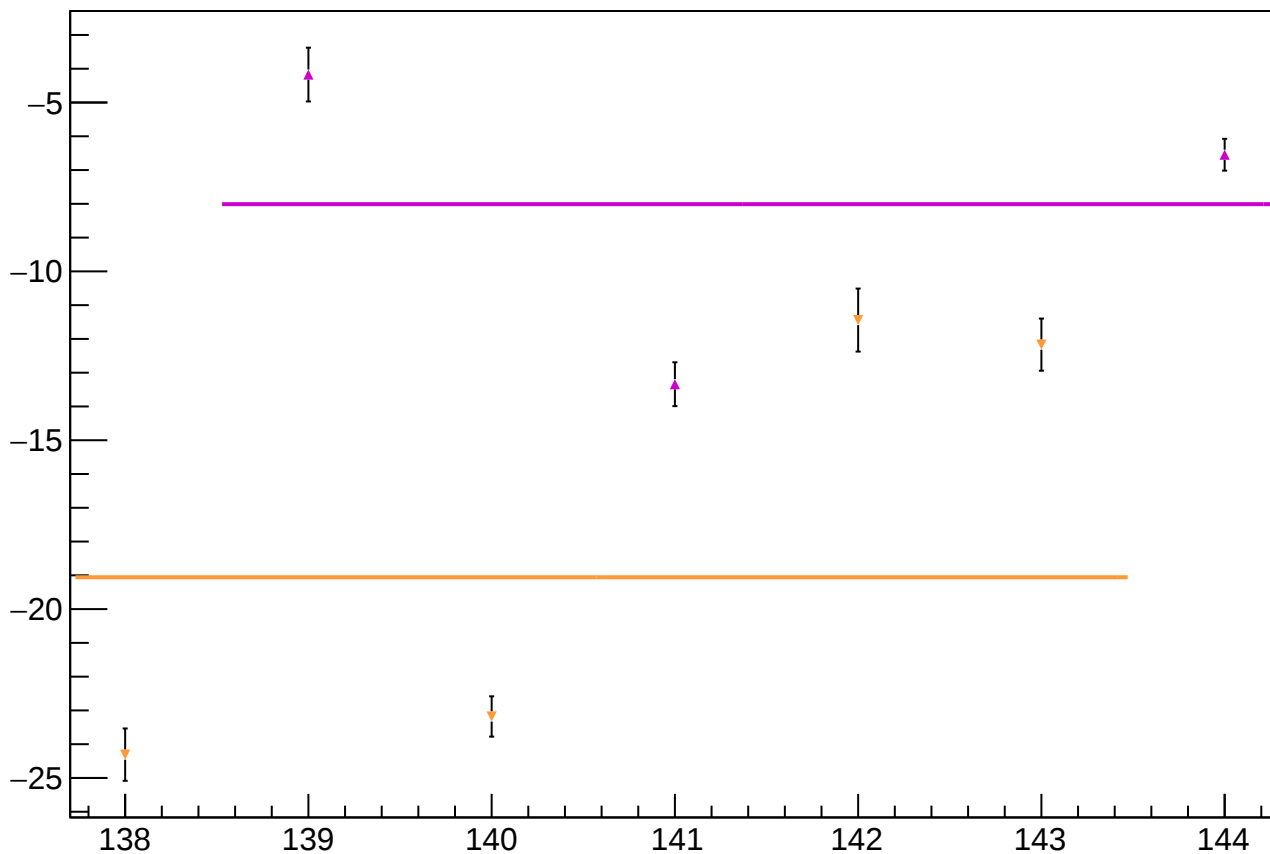
Right: 0.073 ± 0.009 χ^2/NDF : 169.9/35

In: 0.154 ± 0.009 χ^2/NDF : 189.7/19

Out: 0.141 ± 0.009 χ^2/NDF : 210.0/22

All: 0.147 ± 0.007 χ^2/NDF : 400.6/42

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: -8.010+/-0.344 χ^2/NDF :100.3/2

Left: -13.130+/-0.252 χ^2/NDF : 818.5/6

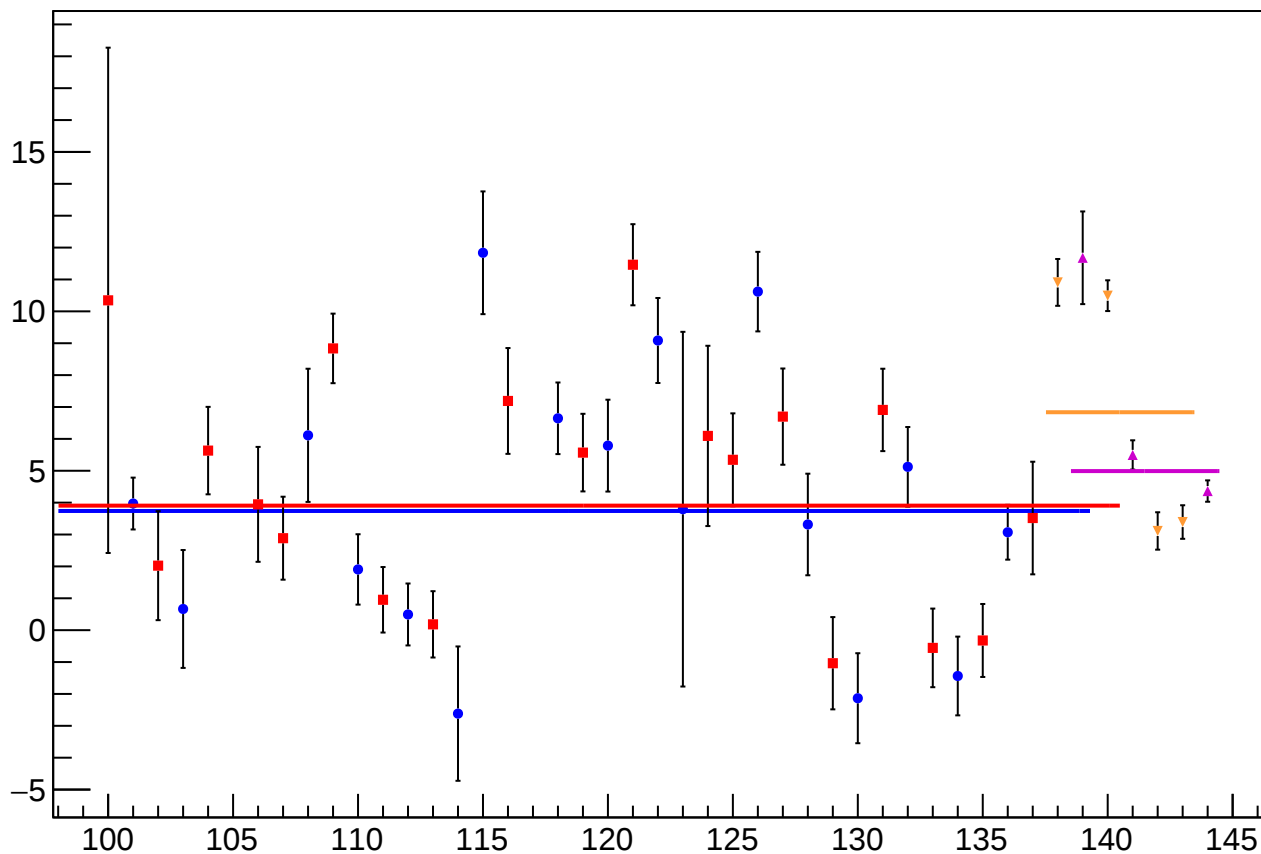
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.010+/-0.344 χ^2/NDF :100.3/2

Out: -19.057+/-0.370 χ^2/NDF :240.0/3

All: -13.130+/-0.252 χ^2/NDF : 818.5/6

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 6.836 ± 0.281 χ^2/NDF : 171.3/3

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 4.990 ± 0.266 χ^2/NDF : 25.9/2

Left: 5.863 ± 0.193 χ^2/NDF : 219.9/6

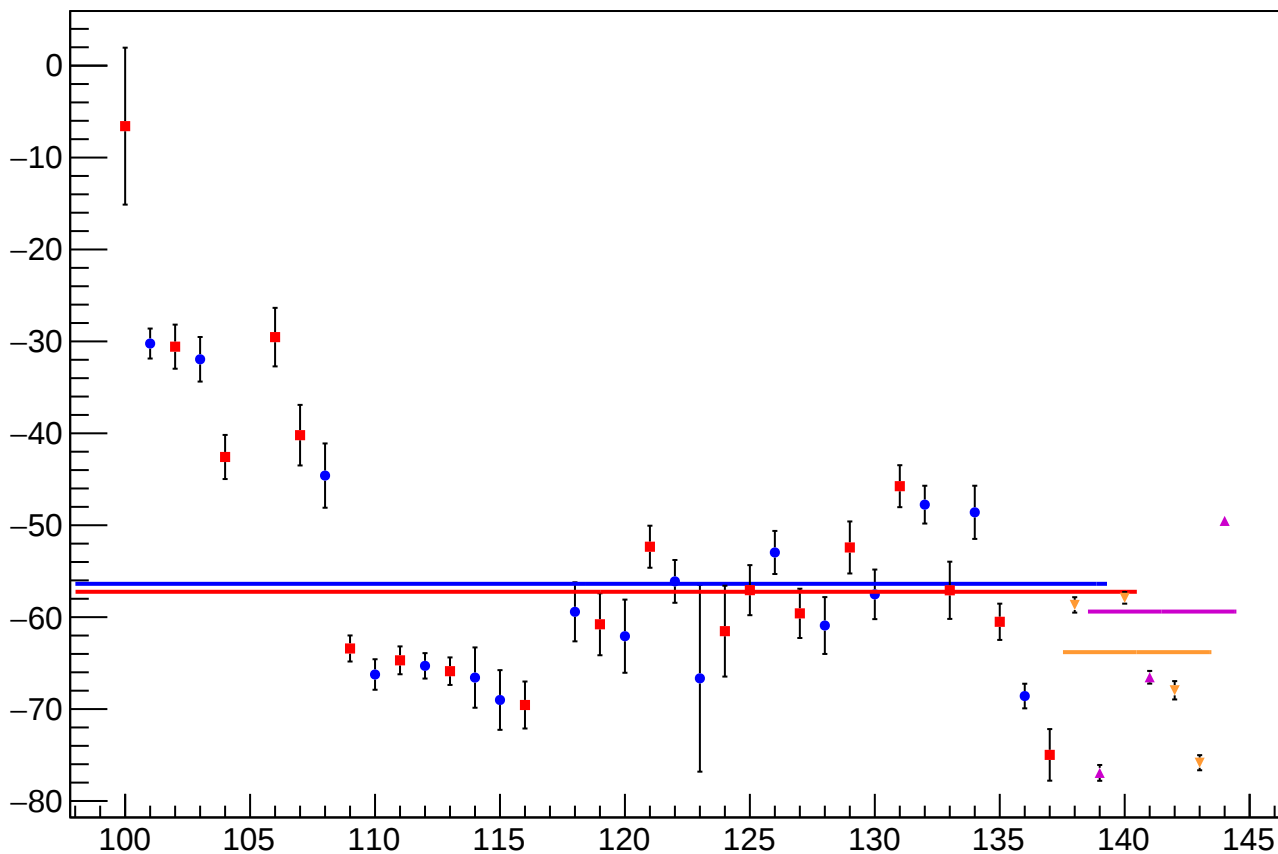
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 4.457 ± 0.202 χ^2/NDF : 172.2/19

Out: 5.542 ± 0.210 χ^2/NDF : 354.8/22

All: 4.978 ± 0.145 χ^2/NDF : 540.8/42

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 $\pm$ 0.543 χ^2 /NDF: 587.6/16

Left Out: -63.806 $\pm$ 0.396 χ^2 /NDF:355.0/3

Right Out: -57.240 $\pm$ 0.536 χ^2 /NDF: 476.3/18

Left In: -59.392 $\pm$ 0.368 χ^2 /NDF:904.7/2

Left: -61.440 $\pm$ 0.270 χ^2 /NDF: 1326.3/6

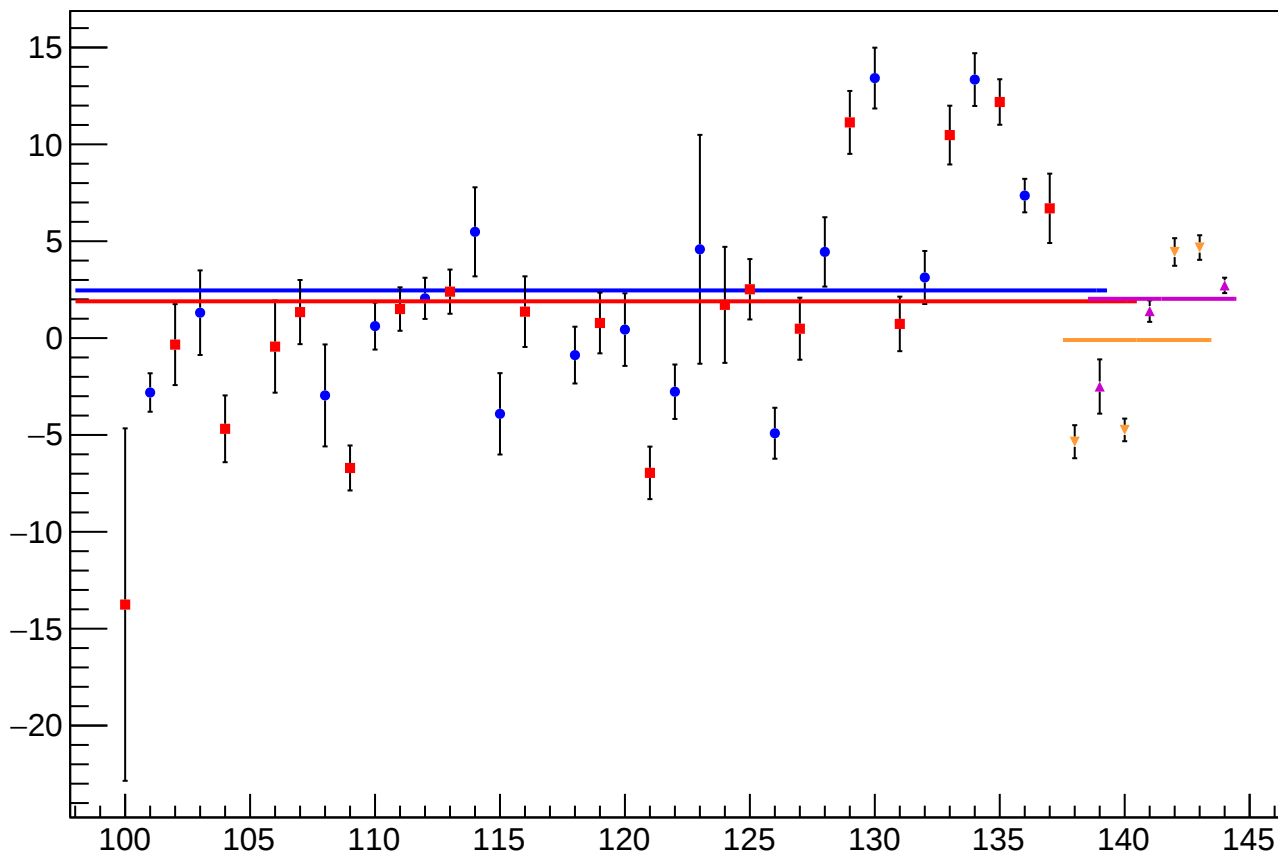
Right: -56.812 $\pm$ 0.381 χ^2 /NDF: 1065.2/35

In: -58.440 $\pm$ 0.305 χ^2 /NDF:1513.4/19

Out: -61.487 $\pm$ 0.318 χ^2 /NDF:928.4/22

All: -59.897 $\pm$ 0.220 χ^2 /NDF: 2489.6/42

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: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 2.027 ± 0.315 χ^2/NDF : 14.8/2

Left: 1.038 ± 0.230 χ^2/NDF : 234.2/6

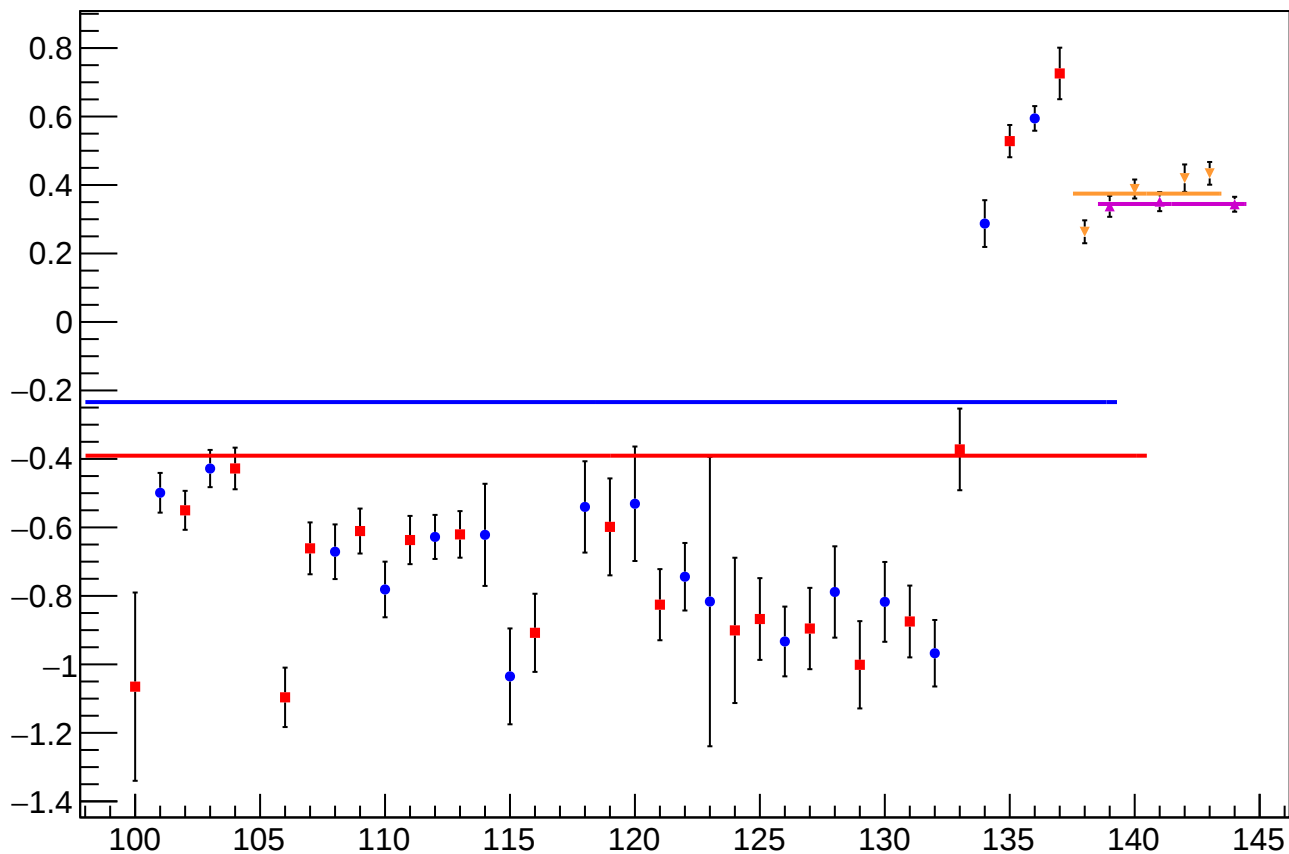
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 2.223 ± 0.233 χ^2/NDF : 259.6/19

Out: 0.850 ± 0.245 χ^2/NDF : 482.9/22

All: 1.570 ± 0.169 χ^2/NDF : 759.0/42

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.375 ± 0.016 χ^2/NDF : 15.8/3

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.345 ± 0.015 χ^2/NDF : 0.1/2

Left: 0.358 ± 0.011 χ^2/NDF : 17.7/6

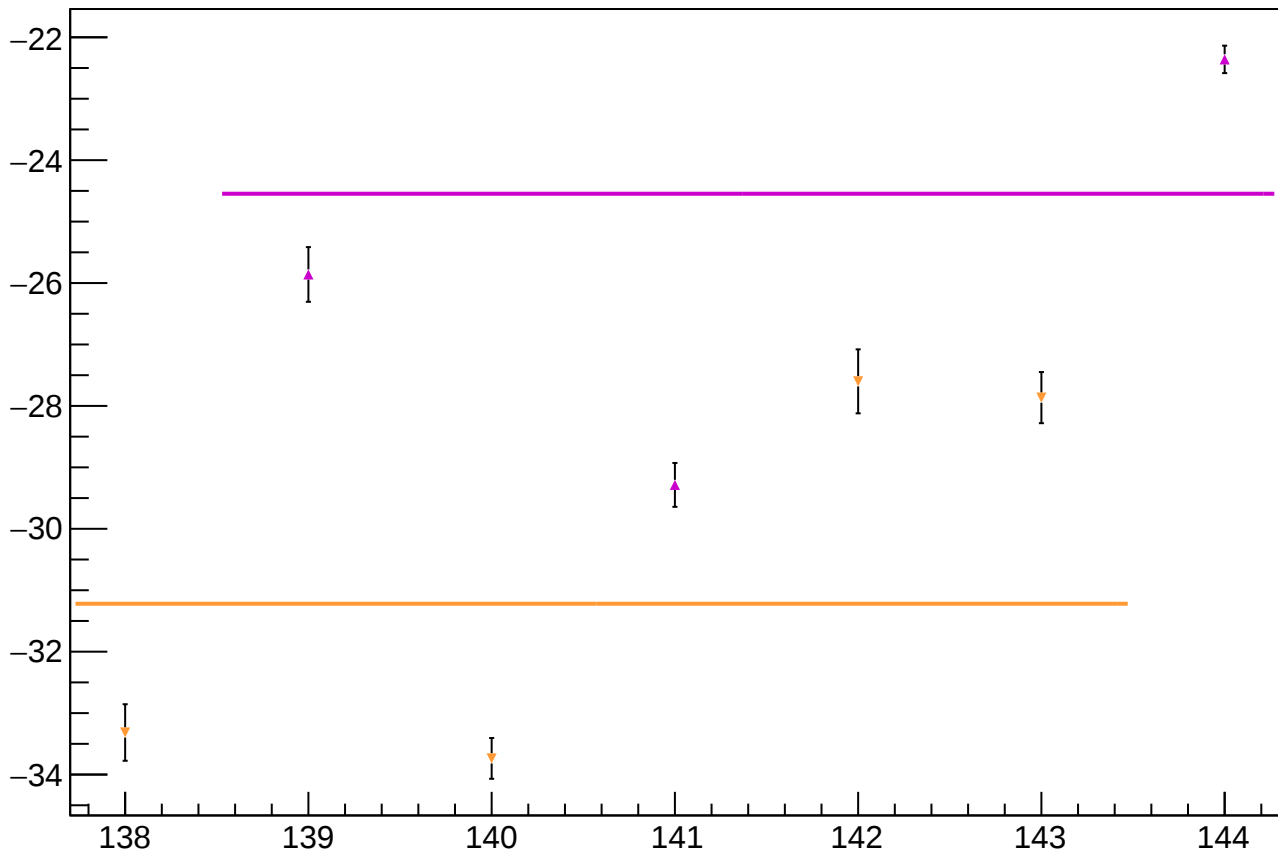
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.121 ± 0.012 χ^2/NDF : 1534.4/19

Out: 0.048 ± 0.012 χ^2/NDF : 1801.5/22

All: 0.087 ± 0.009 χ^2/NDF : 3354.6/42

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: -24.546+/-0.174 χ^2/NDF :280.8/2

Left: -27.309+/-0.133 χ^2/NDF : 1079.6/6

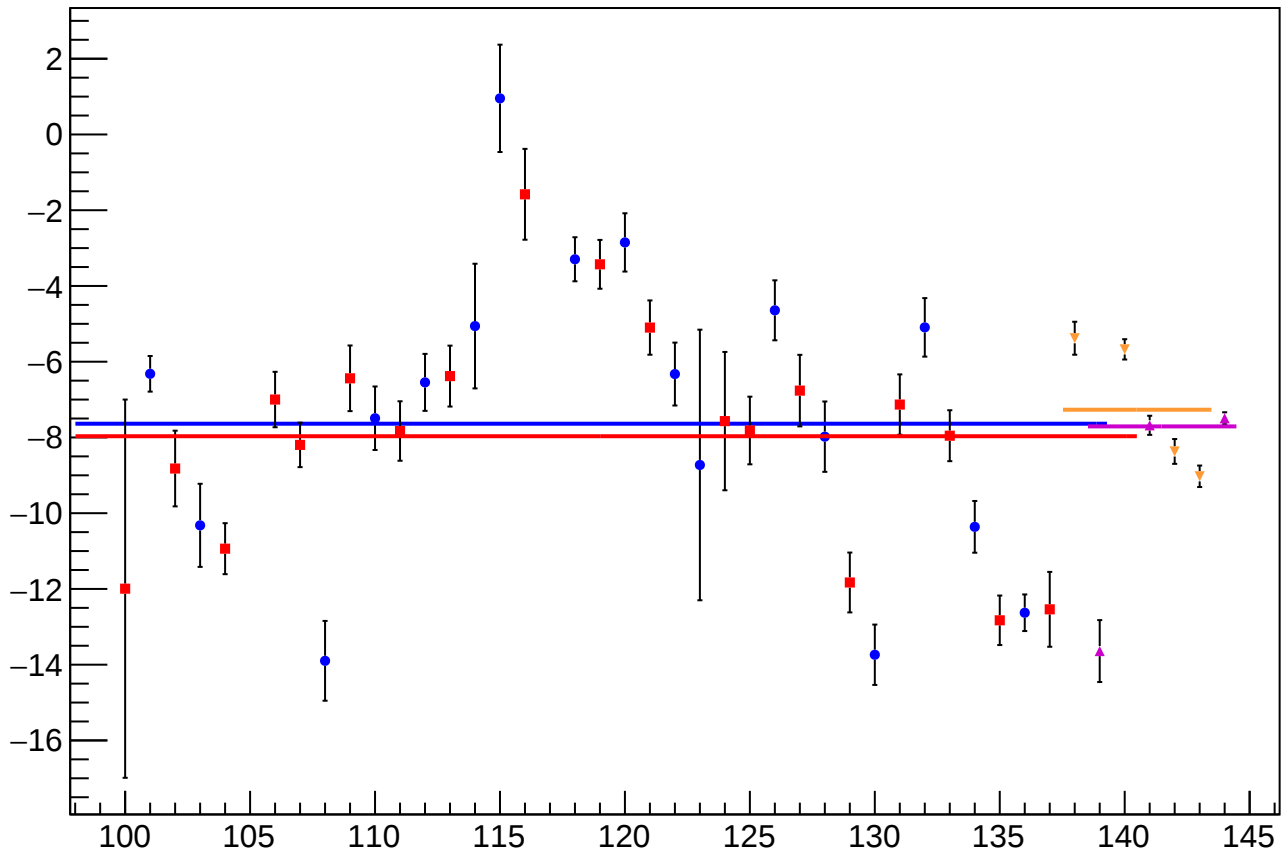
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.546+/-0.174 χ^2/NDF :280.8/2

Out: -31.220+/-0.207 χ^2/NDF :191.6/3

All: -27.309+/-0.133 χ^2/NDF : 1079.6/6

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.268 ± 0.156 χ^2/NDF : 103.9/3

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.708 ± 0.133 χ^2/NDF : 54.5/2

Left: -7.523 ± 0.101 χ^2/NDF : 163.0/6

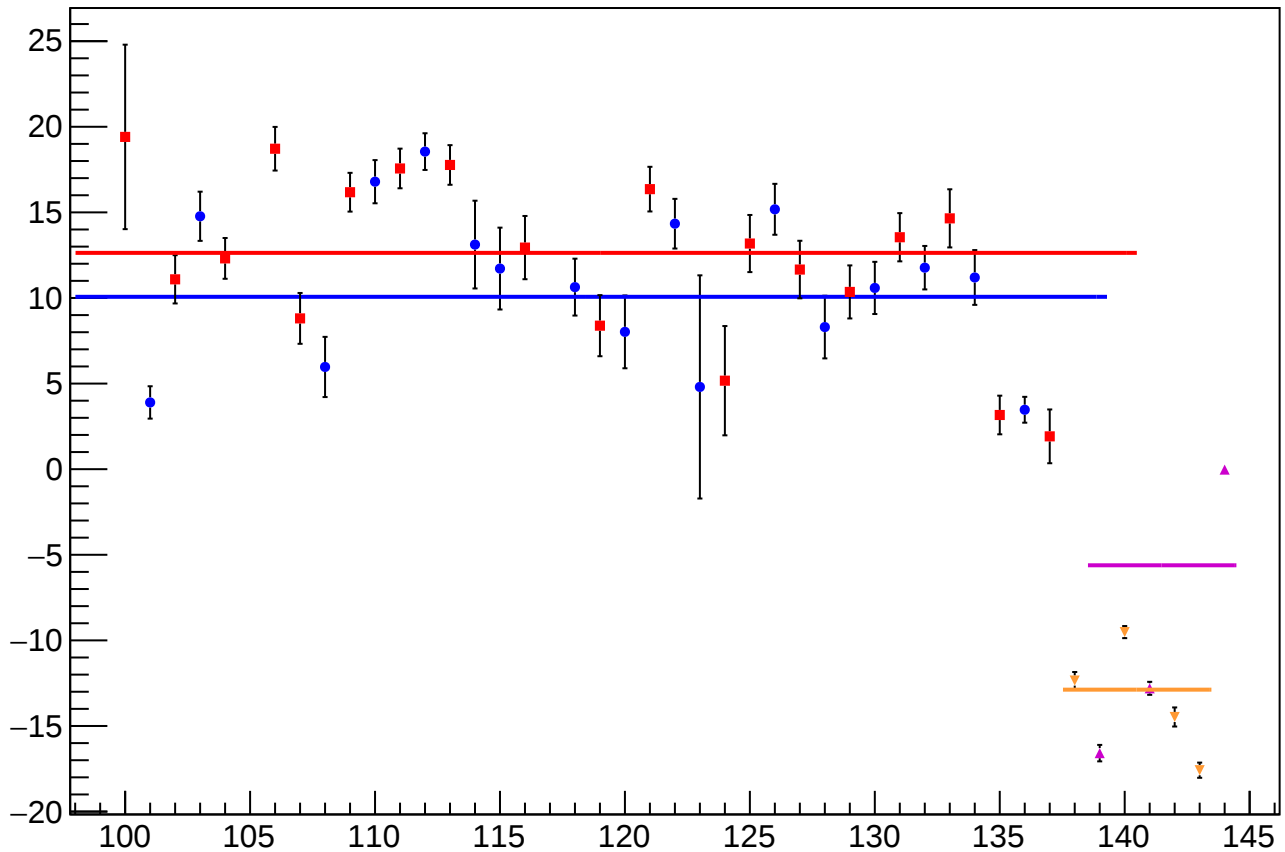
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.684 ± 0.108 χ^2/NDF : 448.5/19

Out: -7.558 ± 0.120 χ^2/NDF : 339.4/22

All: -7.627 ± 0.080 χ^2/NDF : 788.6/42

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 $\pm$ 0.337 χ^2 /NDF: 253.6/16

Left Out: -12.878 $\pm$ 0.222 χ^2 /NDF:212.3/3

Right Out: 12.635 $\pm$ 0.332 χ^2 /NDF: 220.5/18

Left In: -5.614 $\pm$ 0.187 χ^2 /NDF:1423.8/2

Left: -8.627 $\pm$ 0.143 χ^2 /NDF: 2264.0/6

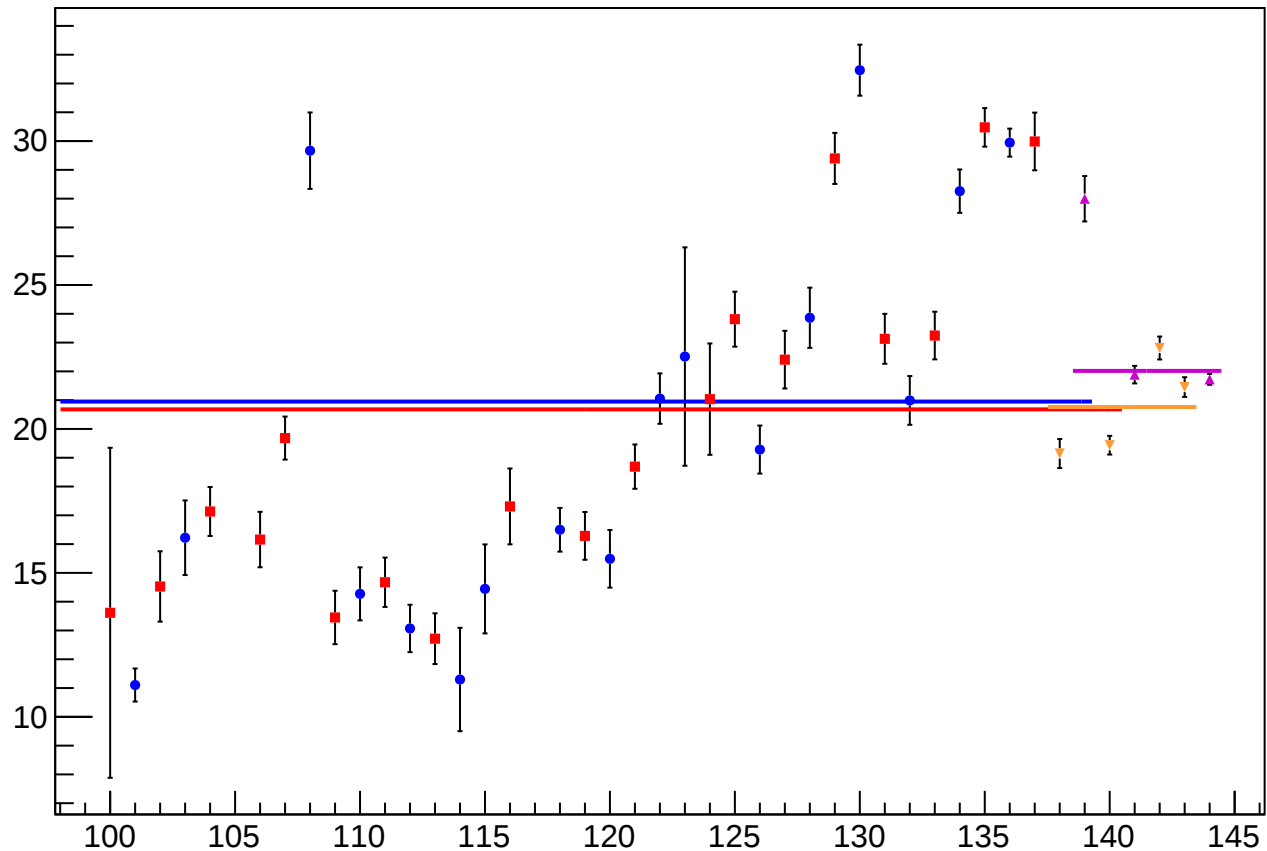
Right: 11.370 $\pm$ 0.237 χ^2 /NDF: 503.5/35

In: -1.938 $\pm$ 0.163 χ^2 /NDF:3331.2/19

Out: -5.022 $\pm$ 0.184 χ^2 /NDF:4508.4/22

All: -3.293 $\pm$ 0.122 χ^2 /NDF: 7996.1/42

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.762 $\pm$ 0.188 χ^2 /NDF: 57.5/3

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.017 $\pm$ 0.157 χ^2 /NDF: 60.1/2

Left: 21.500 $\pm$ 0.121 χ^2 /NDF: 143.9/6

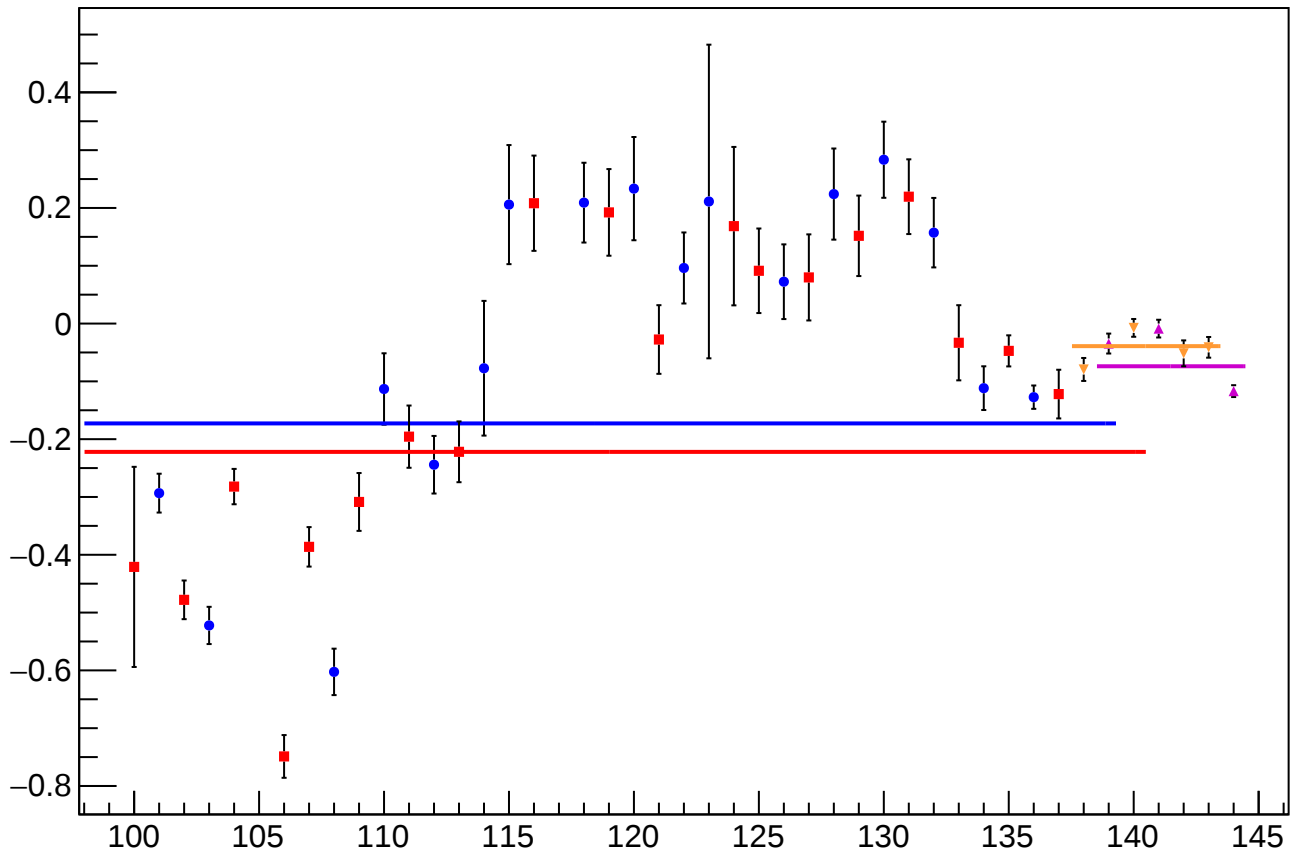
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.633 $\pm$ 0.126 χ^2 /NDF: 1299.4/19

Out: 20.726 $\pm$ 0.141 χ^2 /NDF: 786.1/22

All: 21.230 $\pm$ 0.094 χ^2 /NDF: 2108.5/42

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 $\chi^2/\text{NDF}: 460.3/16$

Left Out: -0.039 ± 0.009 $\chi^2/\text{NDF}: 8.7/3$

Right Out: -0.222 ± 0.011 $\chi^2/\text{NDF}: 536.5/18$

Left In: -0.074 ± 0.008 $\chi^2/\text{NDF}: 40.8/2$

Left: -0.060 ± 0.006 $\chi^2/\text{NDF}: 58.0/6$

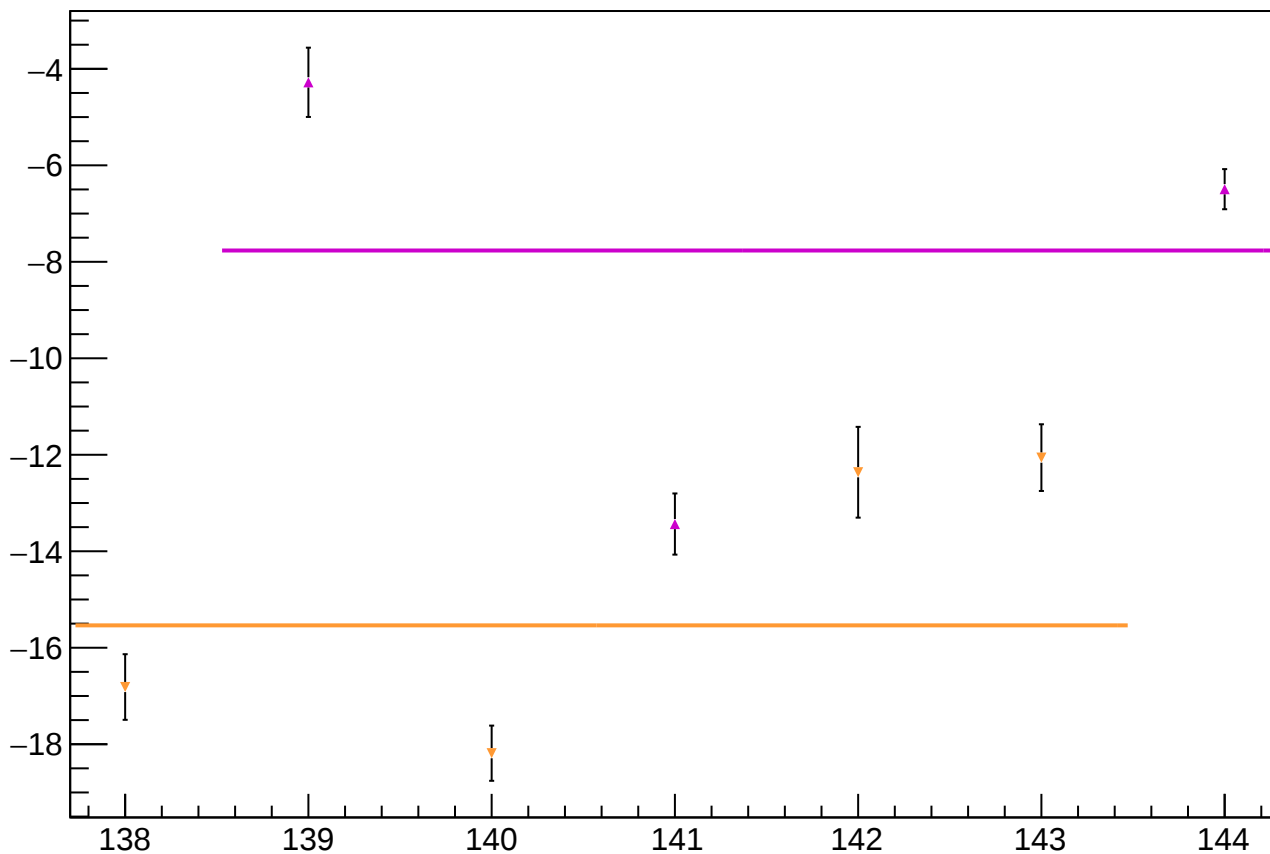
Right: -0.198 ± 0.008 $\chi^2/\text{NDF}: 1006.7/35$

In: -0.105 ± 0.006 $\chi^2/\text{NDF}: 554.4/19$

Out: -0.115 ± 0.007 $\chi^2/\text{NDF}: 709.2/22$

All: -0.109 ± 0.005 $\chi^2/\text{NDF}: 1264.5/42$

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: -7.766+/-0.313 χ^2/NDF :112.9/2

Left: -11.282+/-0.232 χ^2/NDF : 453.5/6

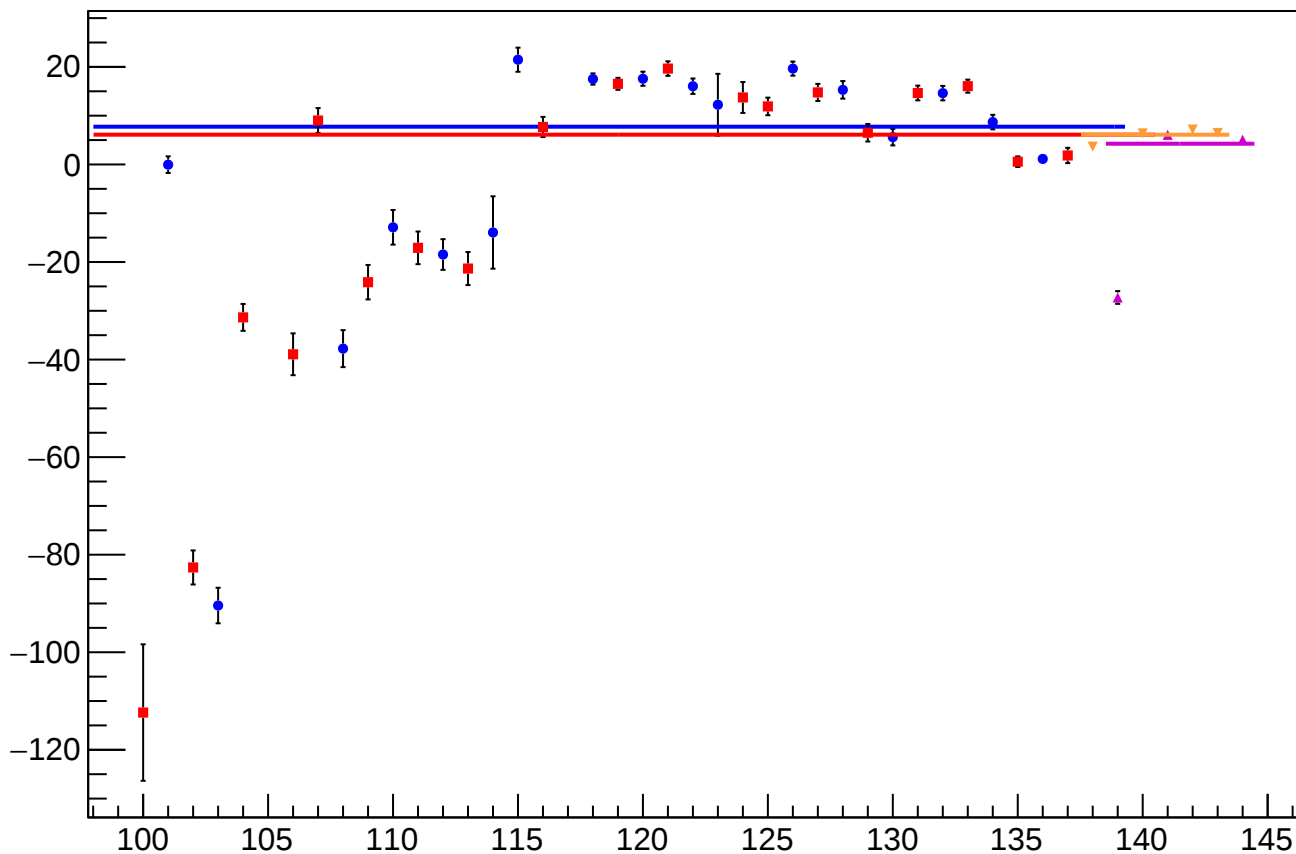
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.766+/-0.313 χ^2/NDF :112.9/2

Out: -15.536+/-0.344 χ^2/NDF :61.7/3

All: -11.282+/-0.232 χ^2/NDF : 453.5/6

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: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 4.253 ± 0.243 χ^2/NDF : 605.9/2

Left: 5.103 ± 0.179 χ^2/NDF : 650.7/6

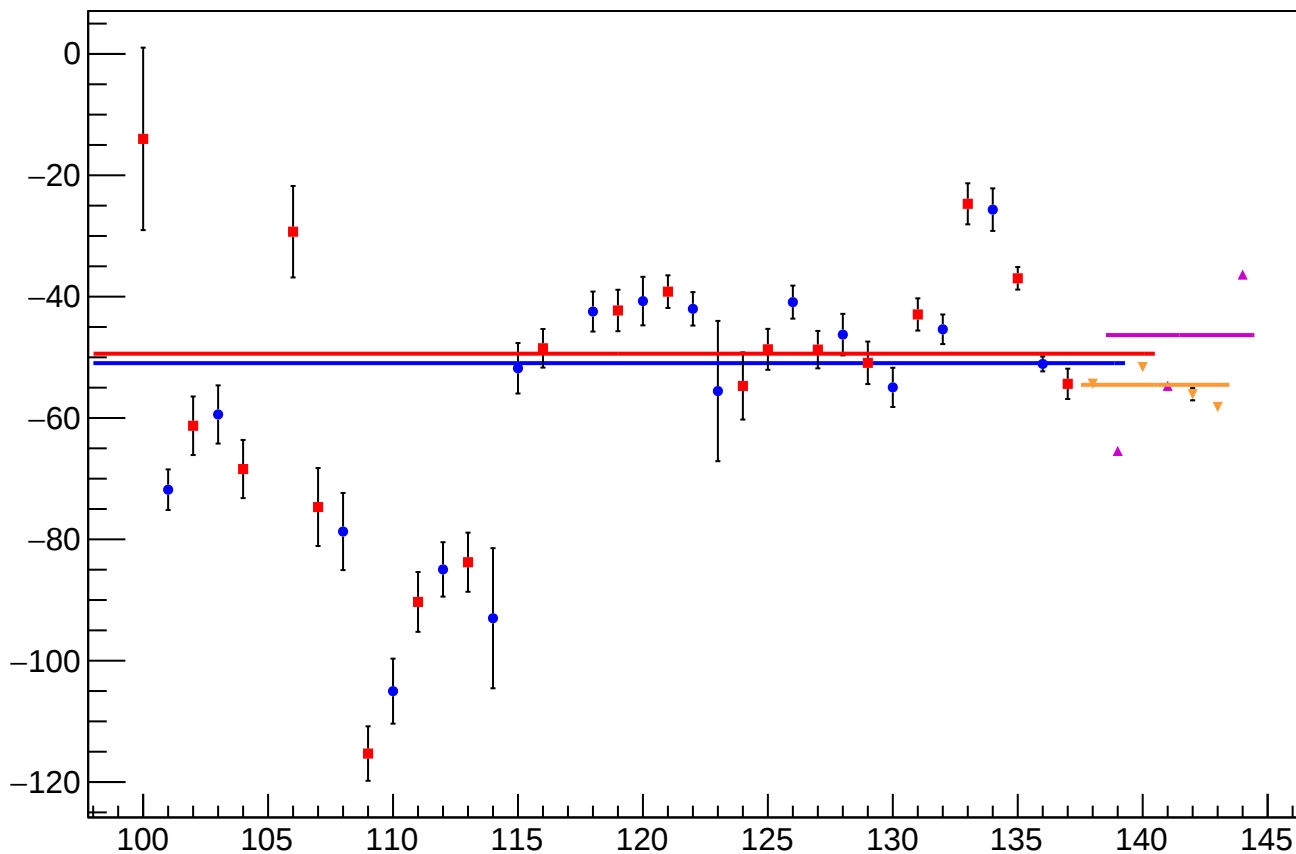
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 5.185 ± 0.208 χ^2/NDF : 2019.7/19

Out: 6.104 ± 0.225 χ^2/NDF : 1536.0/22

All: 5.608 ± 0.153 χ^2/NDF : 3564.7/42

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -54.530 ± 0.369 χ^2/NDF : 50.1/3

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -46.332 ± 0.335 χ^2/NDF : 1258.6/2

Left: -50.047 ± 0.248 χ^2/NDF : 1579.3/6

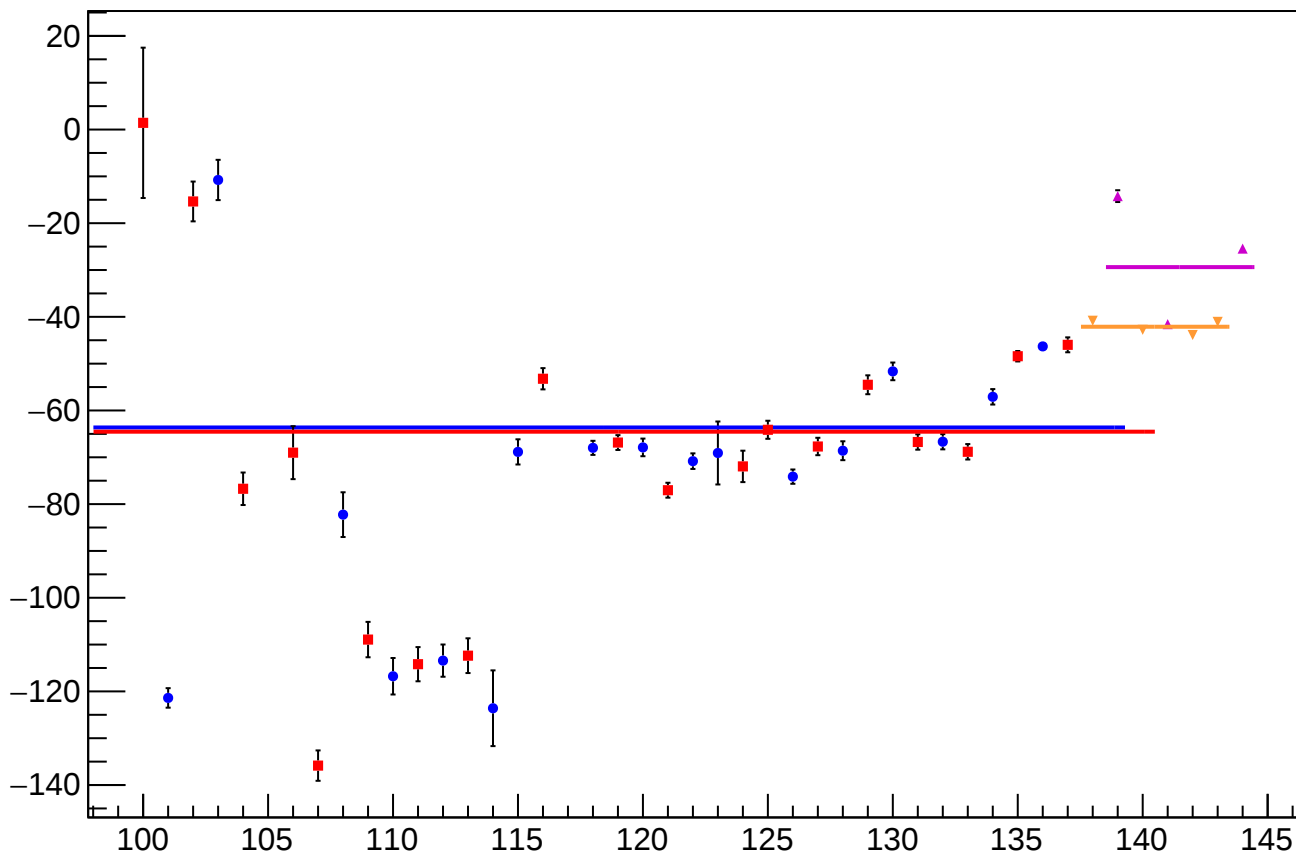
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -47.124 ± 0.305 χ^2/NDF : 1623.1/19

Out: -53.626 ± 0.334 χ^2/NDF : 596.1/22

All: -50.080 ± 0.226 χ^2/NDF : 2425.3/42

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 $\pm$ 0.446 χ^2 /NDF: 2011.2/16

Left Out: -42.116 $\pm$ 0.317 χ^2 /NDF:13.7/3

Right Out: -64.531 $\pm$ 0.482 χ^2 /NDF: 1611.2/18

Left In: -29.380 $\pm$ 0.287 χ^2 /NDF:775.9/2

Left: -35.129 $\pm$ 0.213 χ^2 /NDF: 1675.7/6

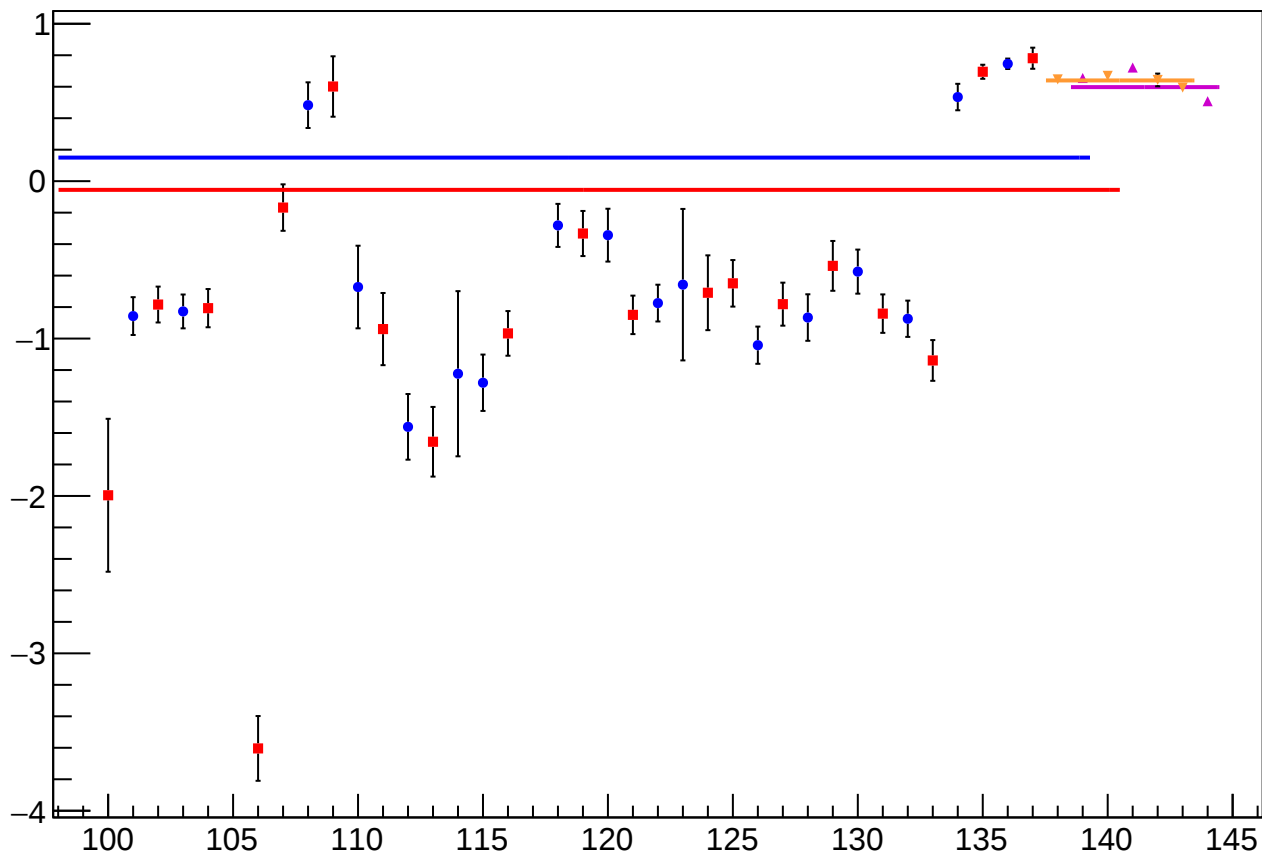
Right: -64.046 $\pm$ 0.327 χ^2 /NDF: 3624.3/35

In: -39.438 $\pm$ 0.242 χ^2 /NDF:6955.9/19

Out: -48.882 $\pm$ 0.265 χ^2 /NDF:3135.0/22

All: -43.728 $\pm$ 0.178 χ^2 /NDF: 10785.0/42

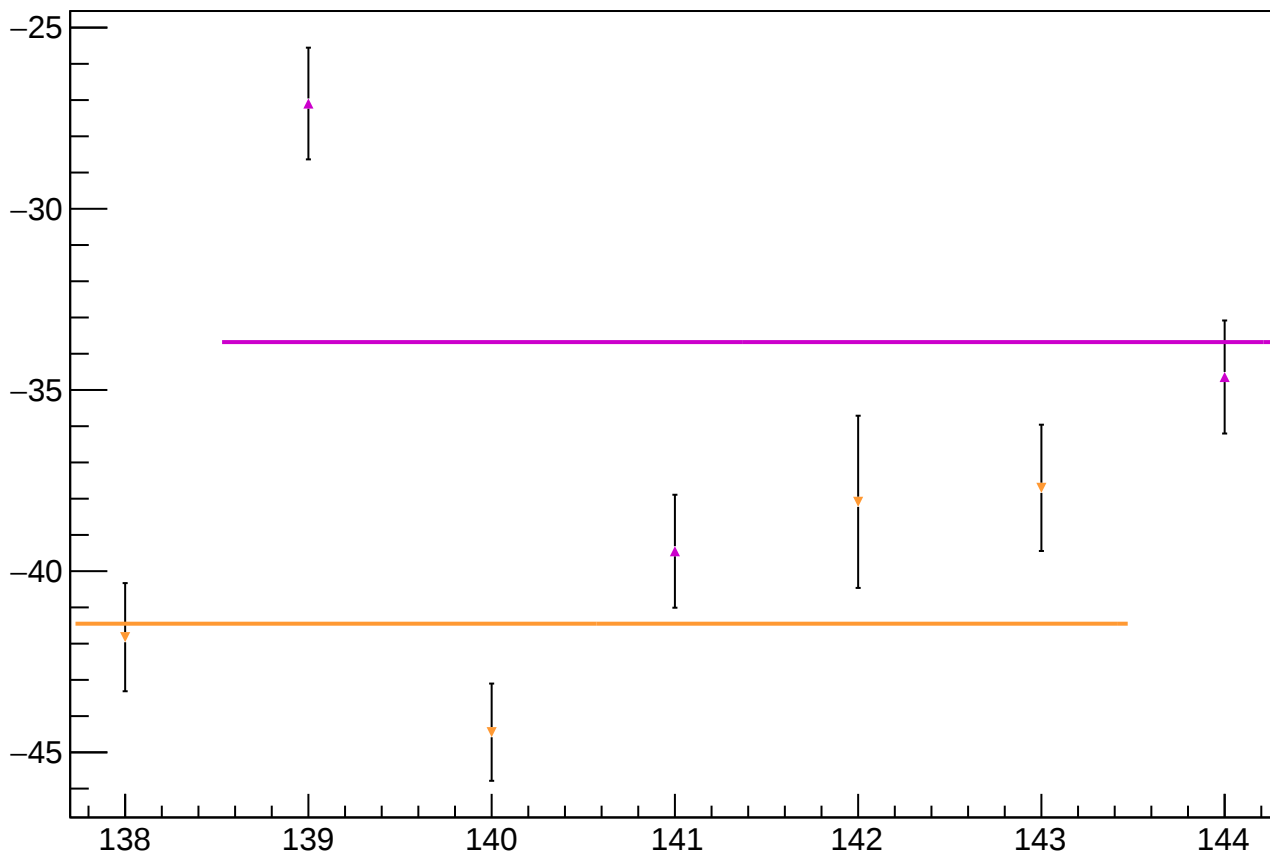
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.598 ± 0.014 $\chi^2/\text{NDF}: 47.1/2$

Left: 0.616 ± 0.010 $\chi^2/\text{NDF}: 55.0/6$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.488 ± 0.012 $\chi^2/\text{NDF}: 1299.7/19$
 Out: 0.464 ± 0.013 $\chi^2/\text{NDF}: 1700.1/22$
 All: 0.478 ± 0.009 $\chi^2/\text{NDF}: 3001.6/42$

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: -33.679+/-0.897 χ^2/NDF :32.3/2

Left: -37.942+/-0.602 χ^2/NDF : 85.2/6

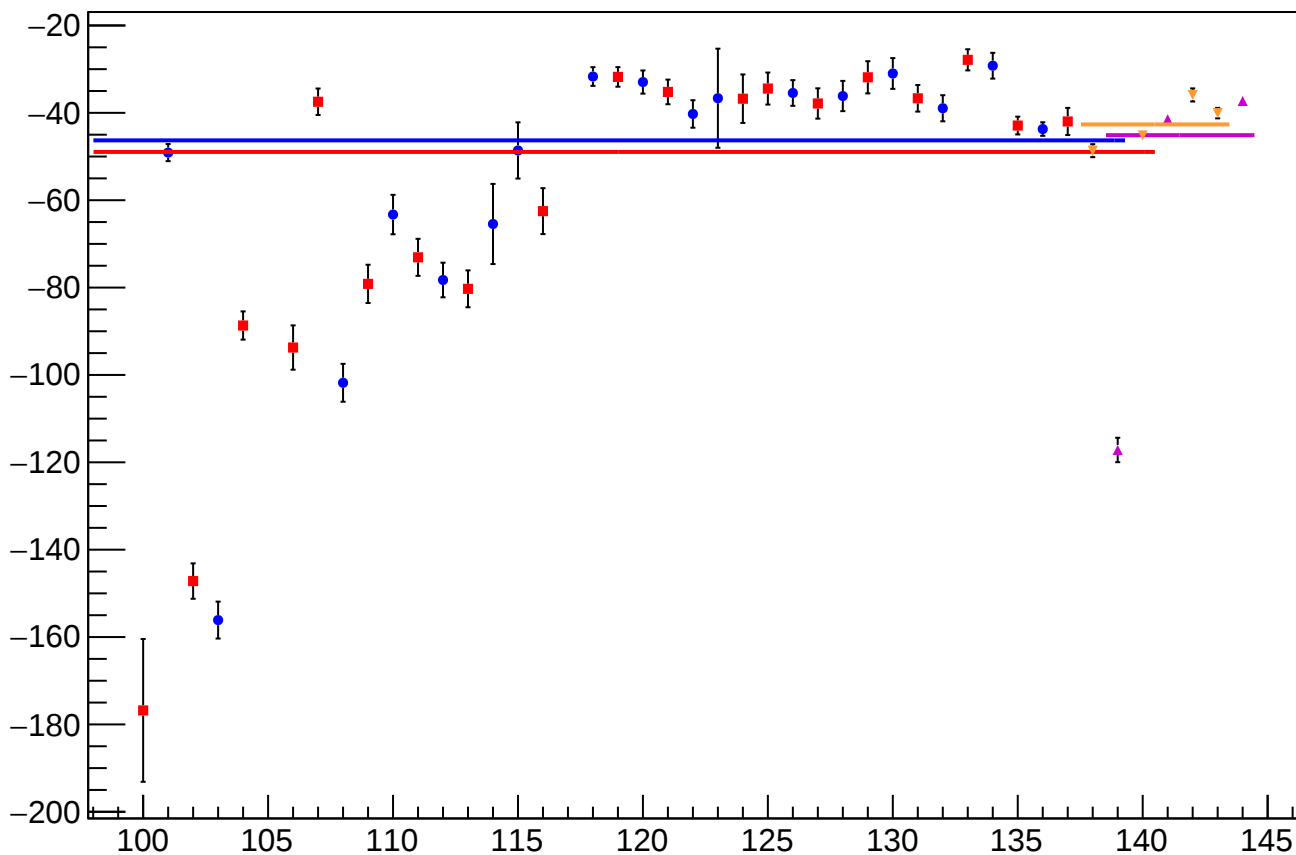
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.679+/-0.897 χ^2/NDF :32.3/2

Out: -41.450+/-0.813 χ^2/NDF :11.7/3

All: -37.942+/-0.602 χ^2/NDF : 85.2/6

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 $\pm$ 0.723 χ^2 /NDF: 1084.0/16

Left Out: -42.652 $\pm$ 0.642 χ^2 /NDF: 46.6/3

Right Out: -48.945 $\pm$ 0.762 χ^2 /NDF: 1273.6/18

Left In: -45.107 $\pm$ 0.757 χ^2 /NDF: 726.2/2

Left: -43.679 $\pm$ 0.490 χ^2 /NDF: 778.9/6

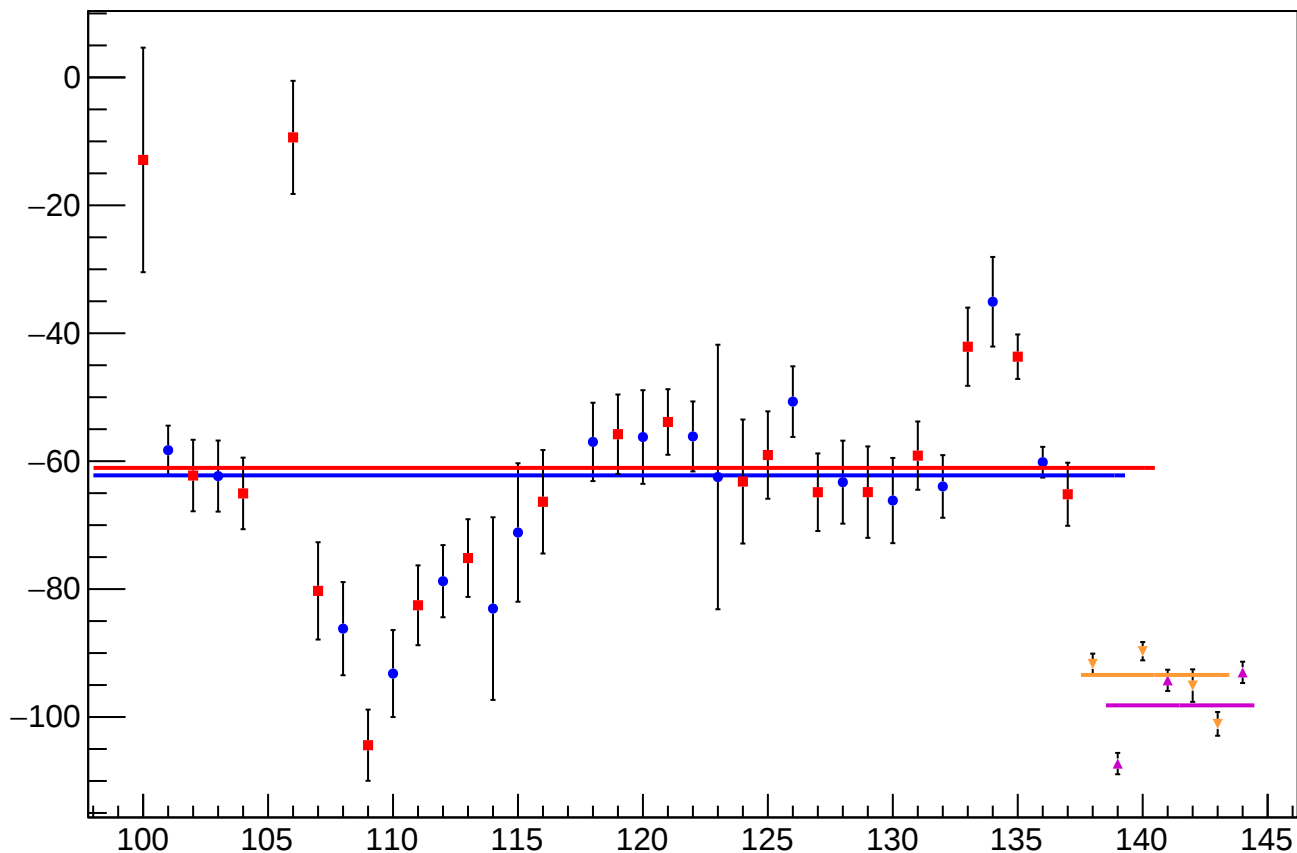
Right: -47.554 $\pm$ 0.525 χ^2 /NDF: 2363.9/35

In: -45.731 $\pm$ 0.523 χ^2 /NDF: 1811.5/19

Out: -45.263 $\pm$ 0.491 χ^2 /NDF: 1360.0/22

All: -45.483 $\pm$ 0.358 χ^2 /NDF: 3171.9/42

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -93.421 ± 0.872 χ^2/NDF : 25.2/3

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -98.177 ± 0.961 χ^2/NDF : 44.9/2

Left: -95.567 ± 0.646 χ^2/NDF : 83.6/6

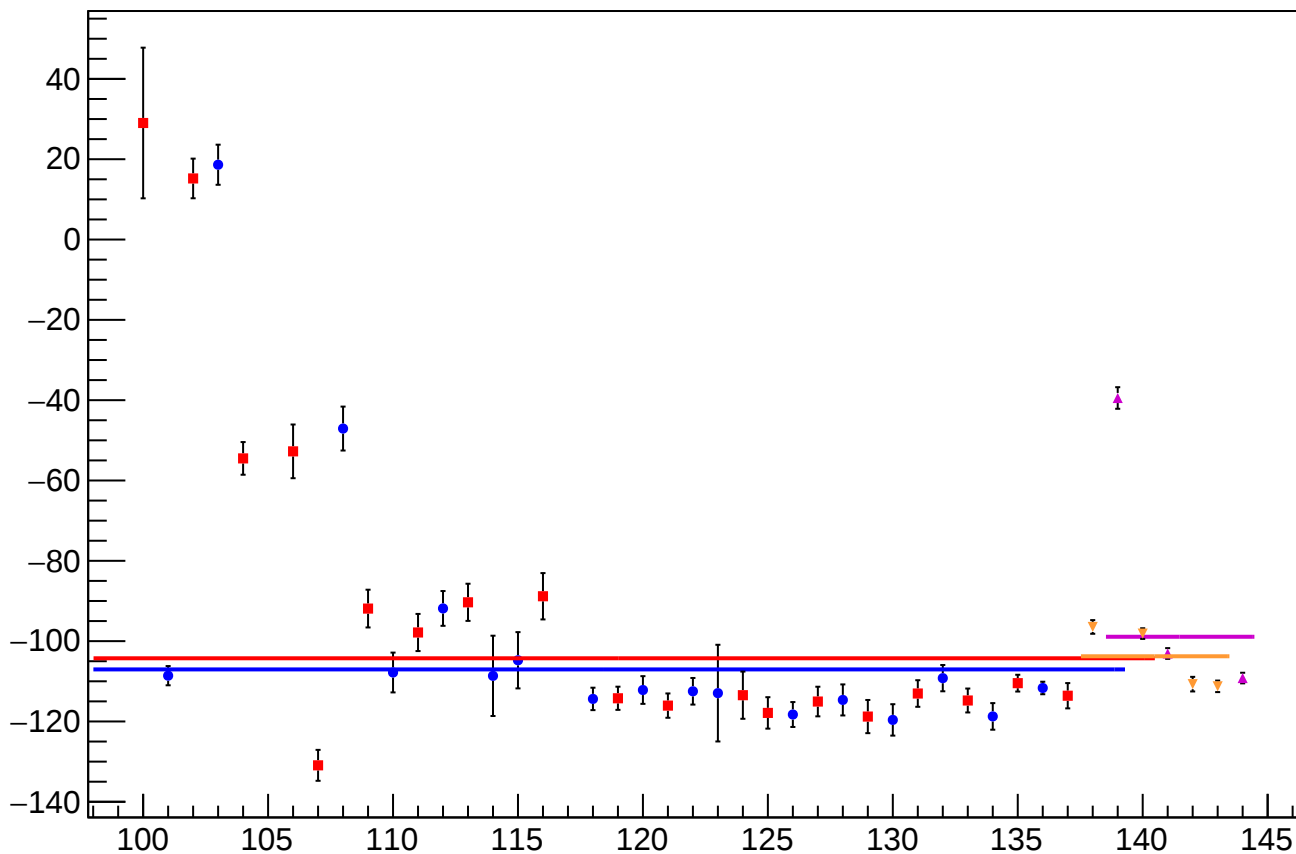
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -85.613 ± 0.775 χ^2/NDF : 601.1/19

Out: -84.176 ± 0.737 χ^2/NDF : 585.1/22

All: -84.858 ± 0.534 χ^2/NDF : 1188.0/42

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -103.768 ± 0.767 χ^2/NDF : 78.2/3

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -98.908 ± 0.887 χ^2/NDF : 559.1/2

Left: -101.689 ± 0.580 χ^2/NDF : 654.5/6

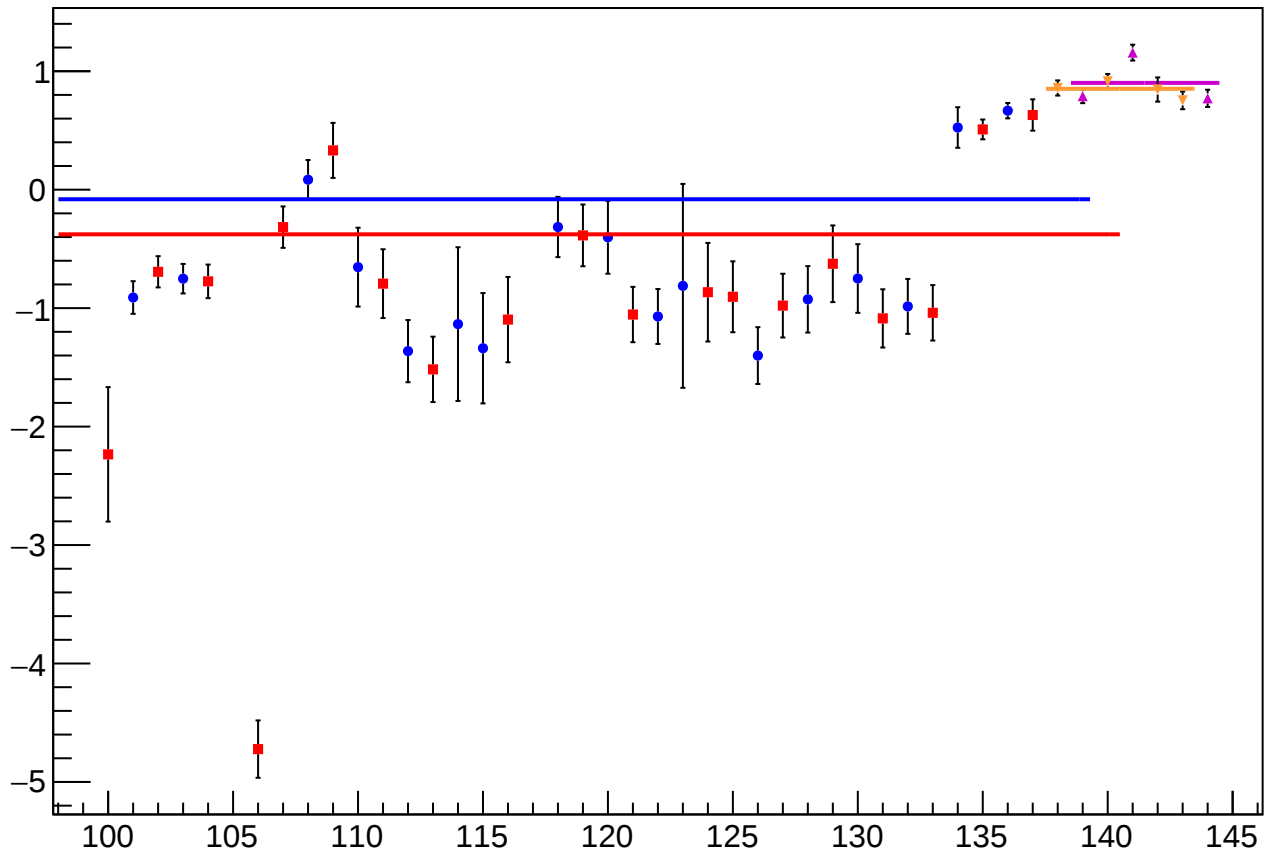
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -103.332 ± 0.599 χ^2/NDF : 1432.7/19

Out: -103.990 ± 0.572 χ^2/NDF : 1096.4/22

All: -103.676 ± 0.414 χ^2/NDF : 2529.7/42

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.852 ± 0.036 χ^2/NDF : 2.7/3

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.902 ± 0.038 χ^2/NDF : 21.4/2

Left: 0.875 ± 0.026 χ^2/NDF : 25.1/6

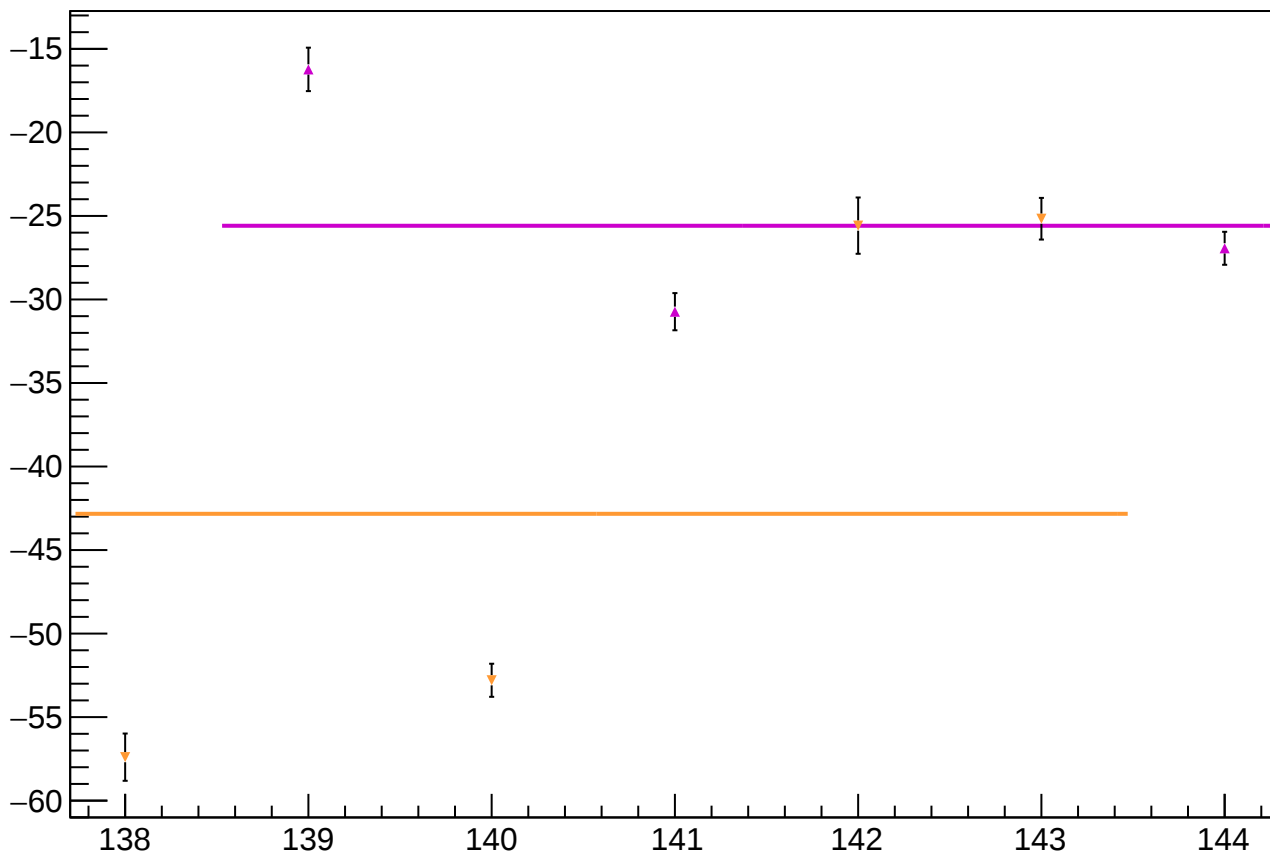
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.464 ± 0.028 χ^2/NDF : 651.0/19

Out: 0.360 ± 0.028 χ^2/NDF : 1056.3/22

All: 0.411 ± 0.020 χ^2/NDF : 1714.4/42

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: -25.588+/-0.642 χ^2/NDF :75.1/2

Left: -34.366+/-0.450 χ^2/NDF : 955.0/6

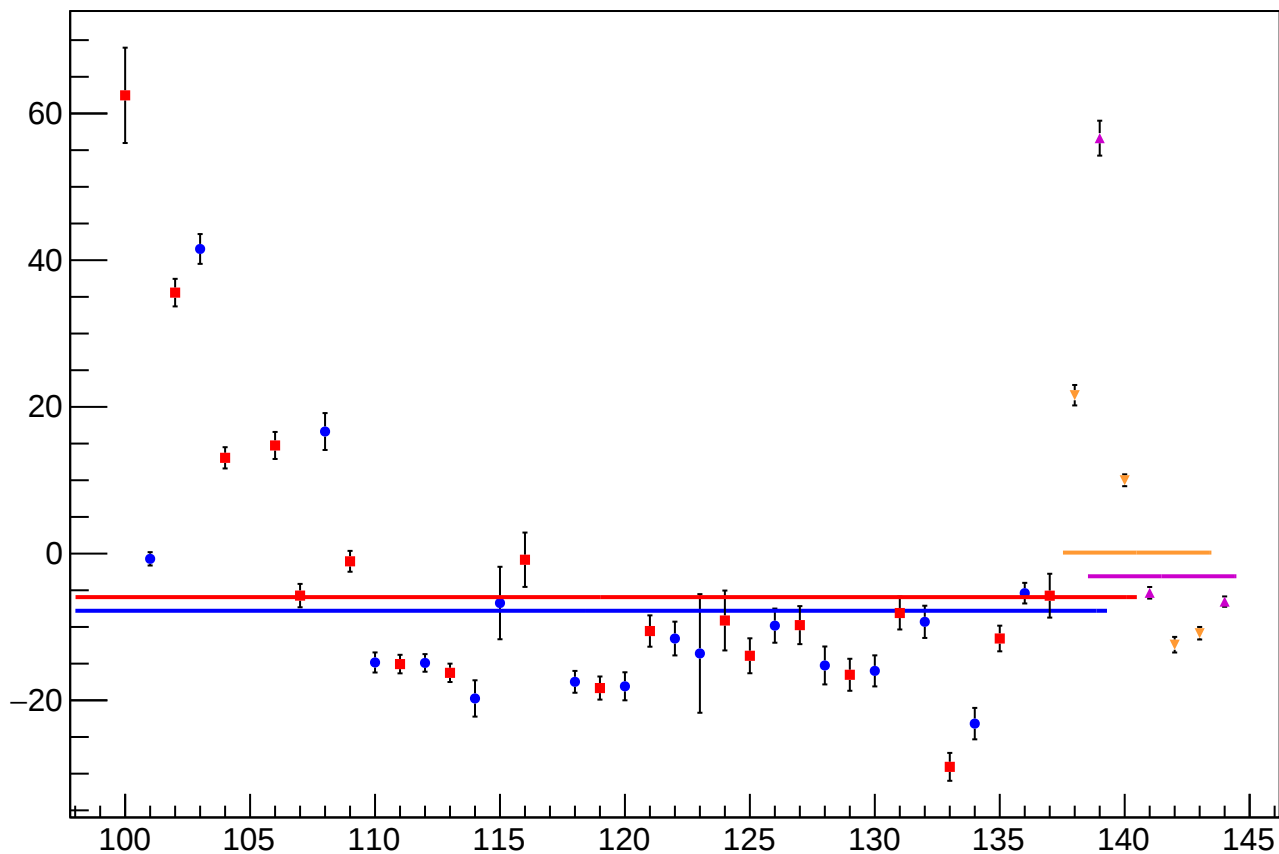
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.588+/-0.642 χ^2/NDF :75.1/2

Out: -42.831+/-0.631 χ^2/NDF :512.9/3

All: -34.366+/-0.450 χ^2/NDF : 955.0/6

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794+/-0.428 χ^2/NDF : 982.7/16

Left Out: 0.138+/-0.482 χ^2/NDF :690.3/3

Right Out: -5.932+/-0.429 χ^2/NDF : 1294.2/18

Left In: -3.091+/-0.514 χ^2/NDF :661.5/2

Left: -1.374+/-0.352 χ^2/NDF : 1372.8/6

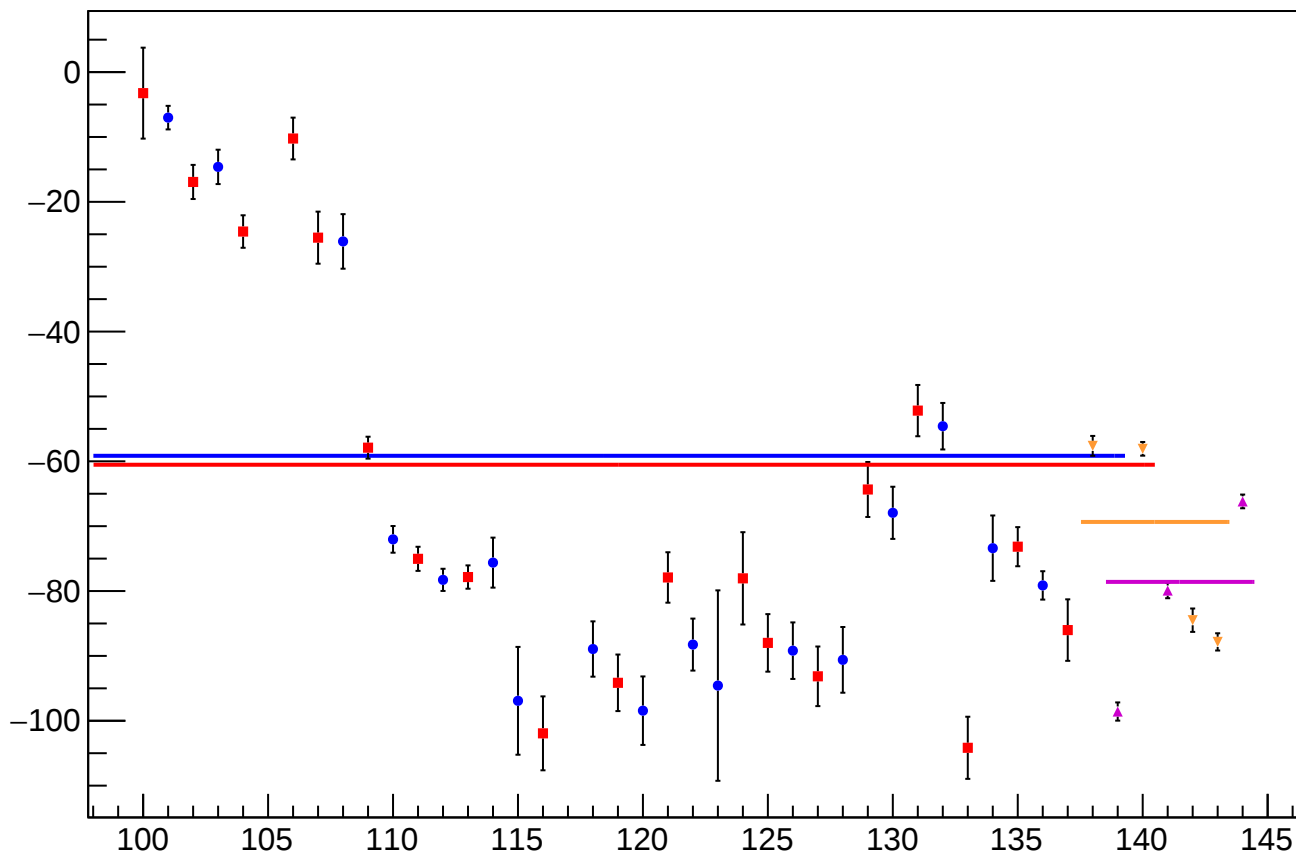
Right: -6.865+/-0.303 χ^2/NDF : 2286.4/35

In: -5.869+/-0.329 χ^2/NDF :1693.7/19

Out: -3.252+/-0.321 χ^2/NDF :2073.0/22

All: -4.527+/-0.230 χ^2/NDF : 3799.1/42

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: -60.530 ± 0.704 $\chi^2/\text{NDF}: 1385.2/18$

Left In: -78.589 ± 0.688 $\chi^2/\text{NDF}: 341.4/2$

Left: -73.879 ± 0.482 $\chi^2/\text{NDF}: 870.2/6$

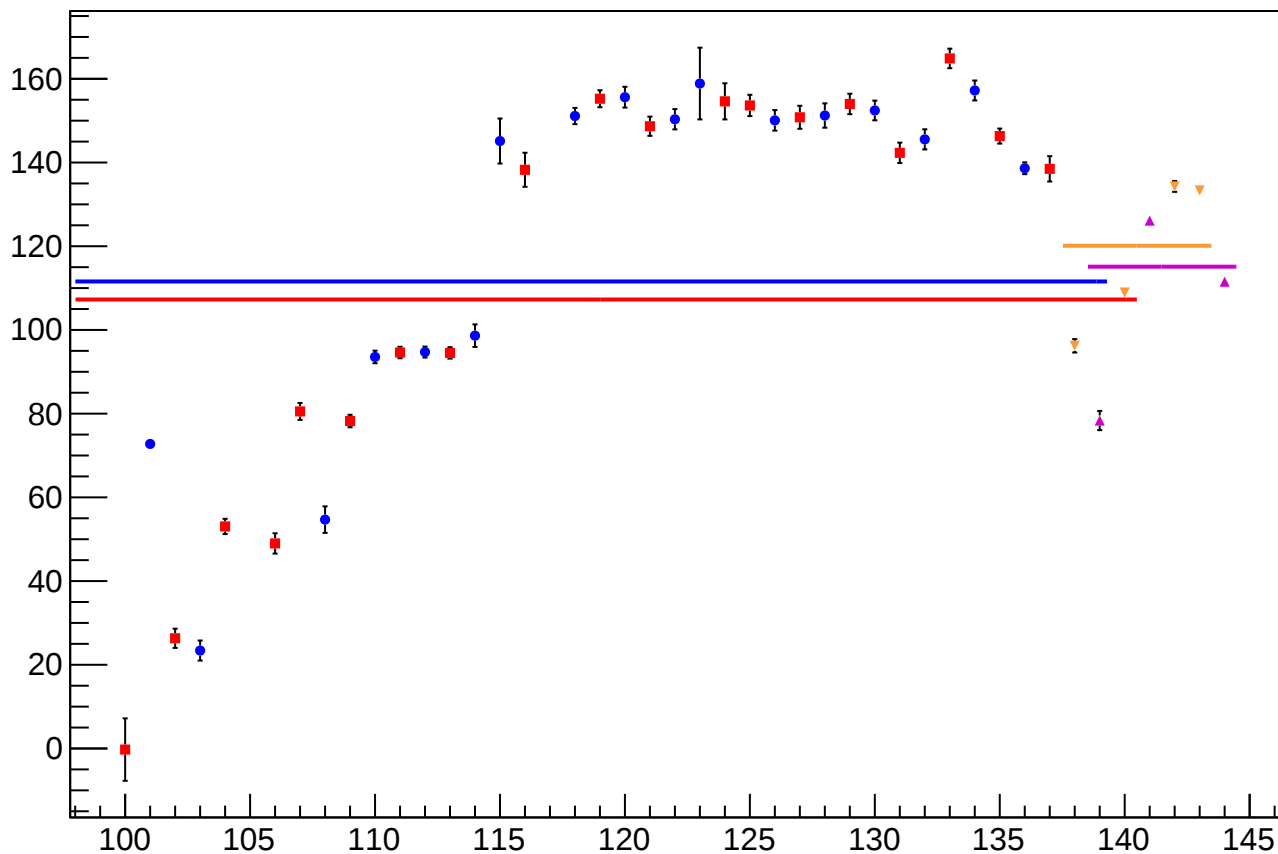
Right: -59.879 ± 0.512 $\chi^2/\text{NDF}: 3105.4/35$

In: -69.650 ± 0.505 $\chi^2/\text{NDF}: 2427.2/19$

Out: -65.127 ± 0.487 $\chi^2/\text{NDF}: 1903.7/22$

All: -67.305 ± 0.351 $\chi^2/\text{NDF}: 4372.5/42$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 120.114 $\pm$ 0.579 χ^2 /NDF:639.7/3

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 115.115 $\pm$ 0.606 χ^2 /NDF:408.5/2

Left: 117.730 $\pm$ 0.418 χ^2 /NDF: 1083.8/6

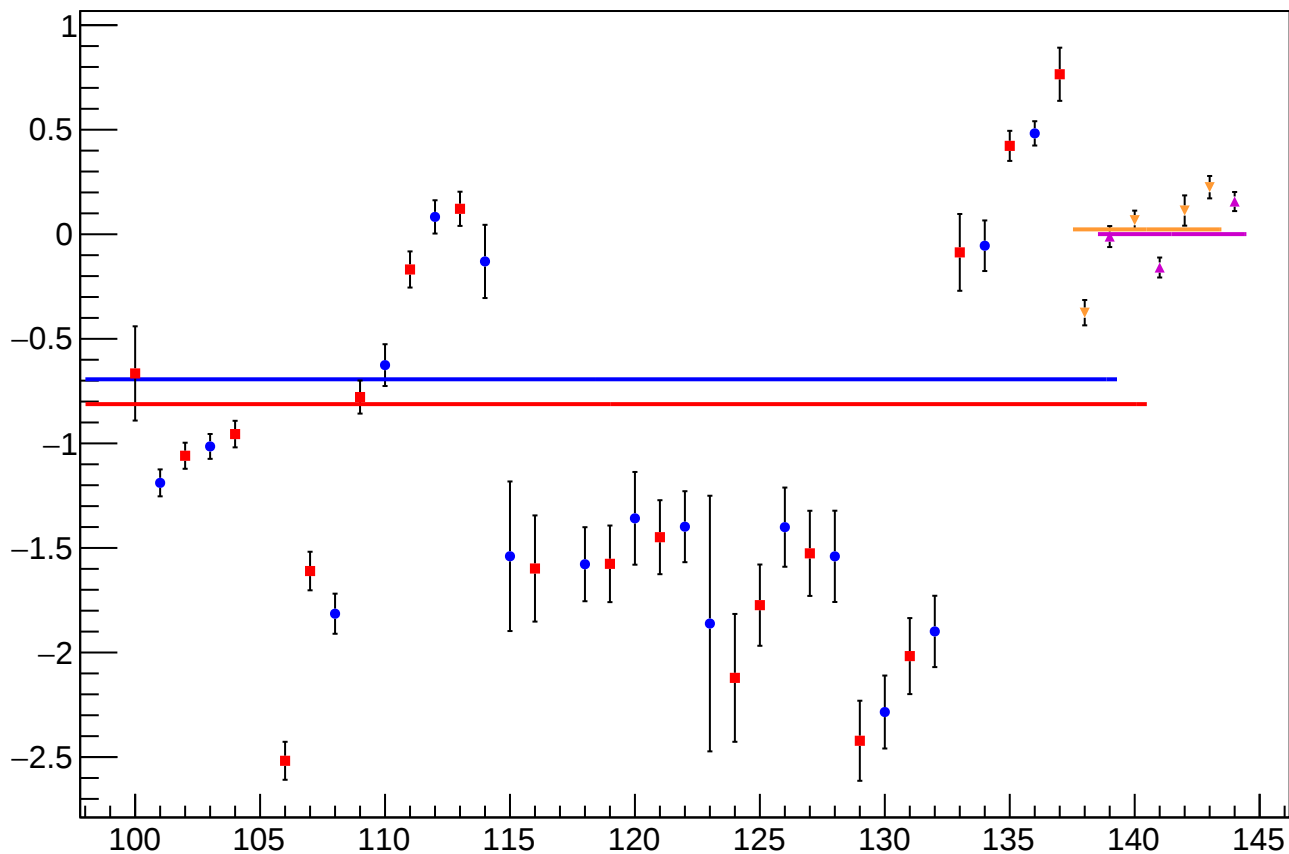
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 112.969 $\pm$ 0.380 χ^2 /NDF:6375.1/19

Out: 112.605 $\pm$ 0.373 χ^2 /NDF:7972.6/22

All: 112.784 $\pm$ 0.266 χ^2 /NDF: 14348.2/42

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: 0.023 ± 0.028 χ^2/NDF : 59.9/3

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: 0.001 ± 0.028 χ^2/NDF : 22.9/2

Left: 0.012 ± 0.020 χ^2/NDF : 83.1/6

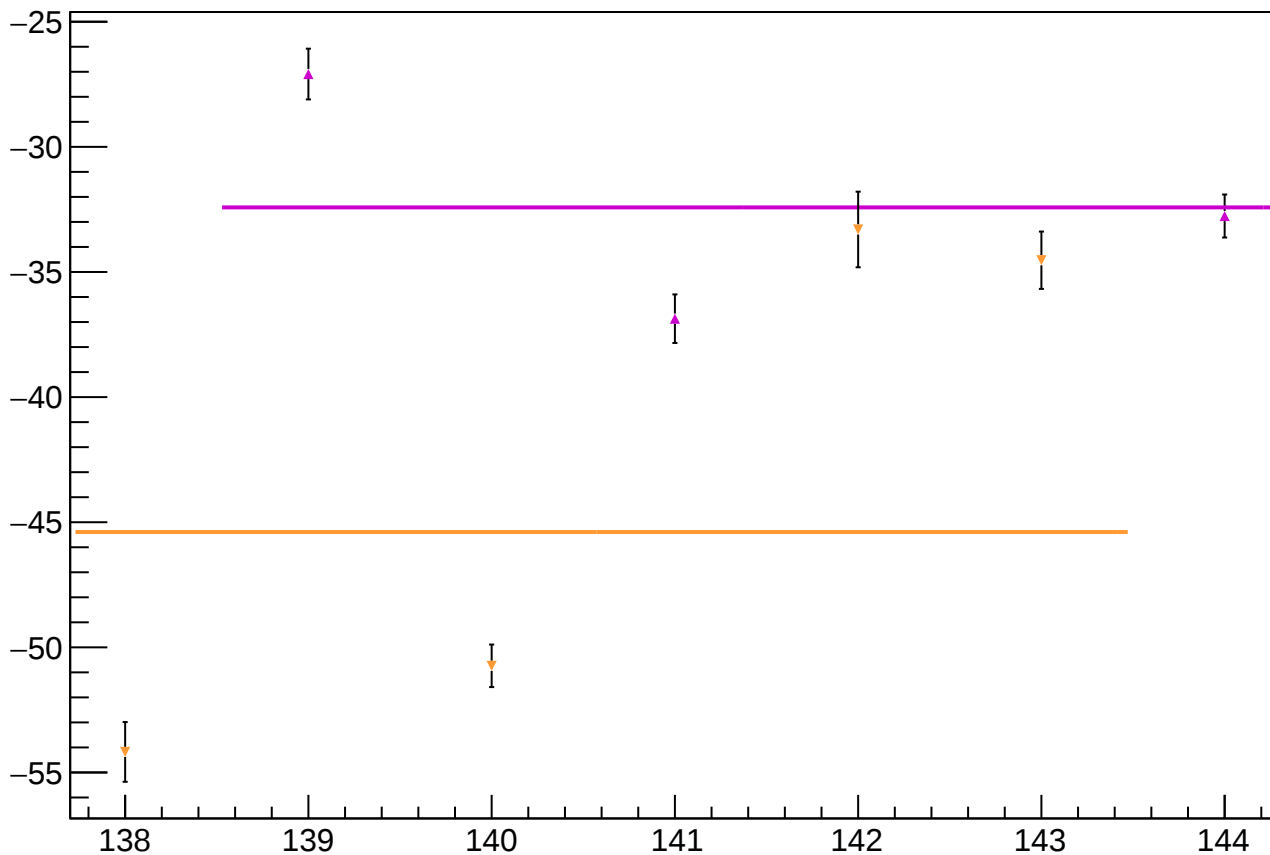
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.369 ± 0.019 χ^2/NDF : 1351.5/19

Out: -0.450 ± 0.018 χ^2/NDF : 1879.6/22

All: -0.411 ± 0.013 χ^2/NDF : 3240.6/42

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: -32.419+/-0.543 χ^2/NDF :48.8/2

Left: -38.805+/-0.387 χ^2/NDF : 577.2/6

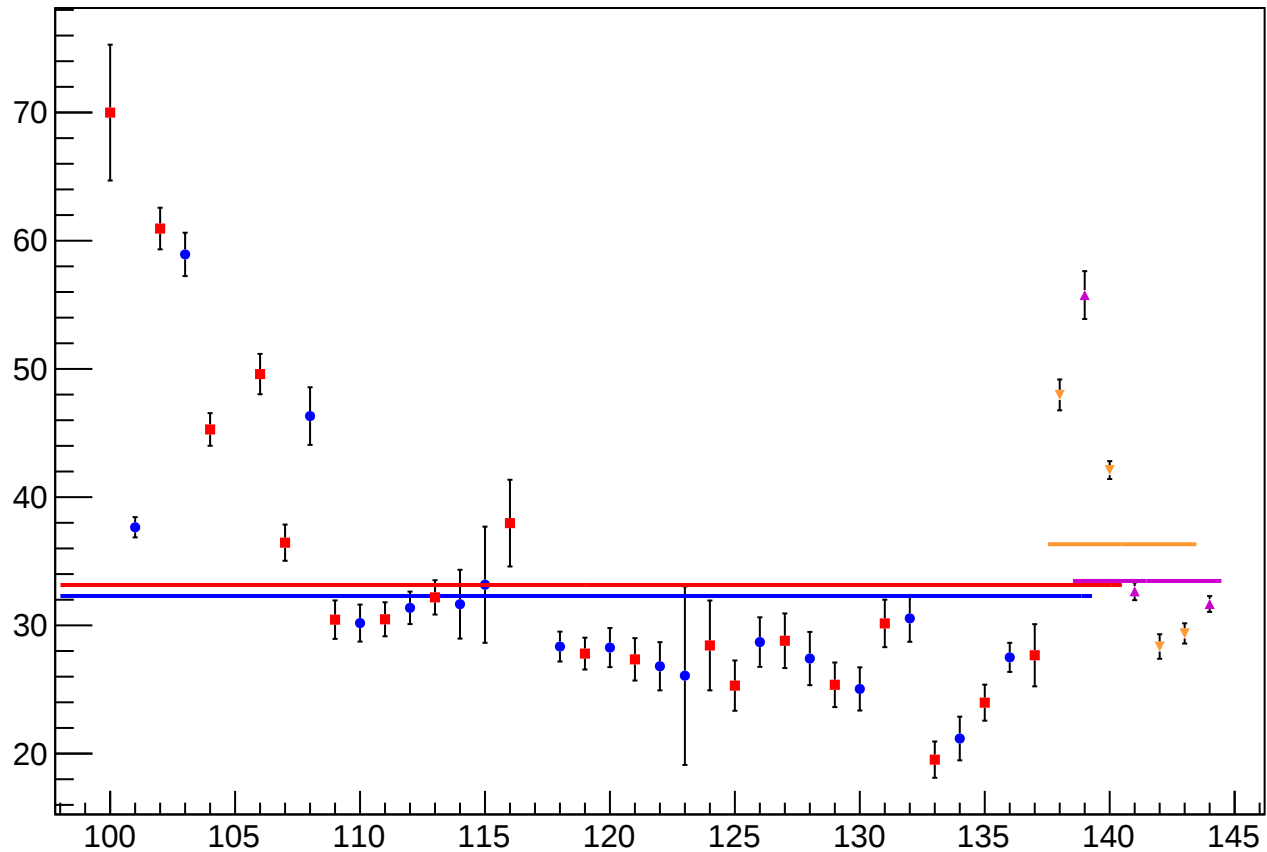
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.419+/-0.543 χ^2/NDF :48.8/2

Out: -45.391+/-0.552 χ^2/NDF :247.7/3

All: -38.805+/-0.387 χ^2/NDF : 577.2/6

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2 /NDF: 452.5/16

Left Out: 36.328 $\pm$ 0.428 χ^2 /NDF:309.7/3

Right Out: 33.149 $\pm$ 0.379 χ^2 /NDF: 772.6/18

Left In: 33.465 $\pm$ 0.447 χ^2 /NDF:152.7/2

Left: 34.958 $\pm$ 0.309 χ^2 /NDF: 483.8/6

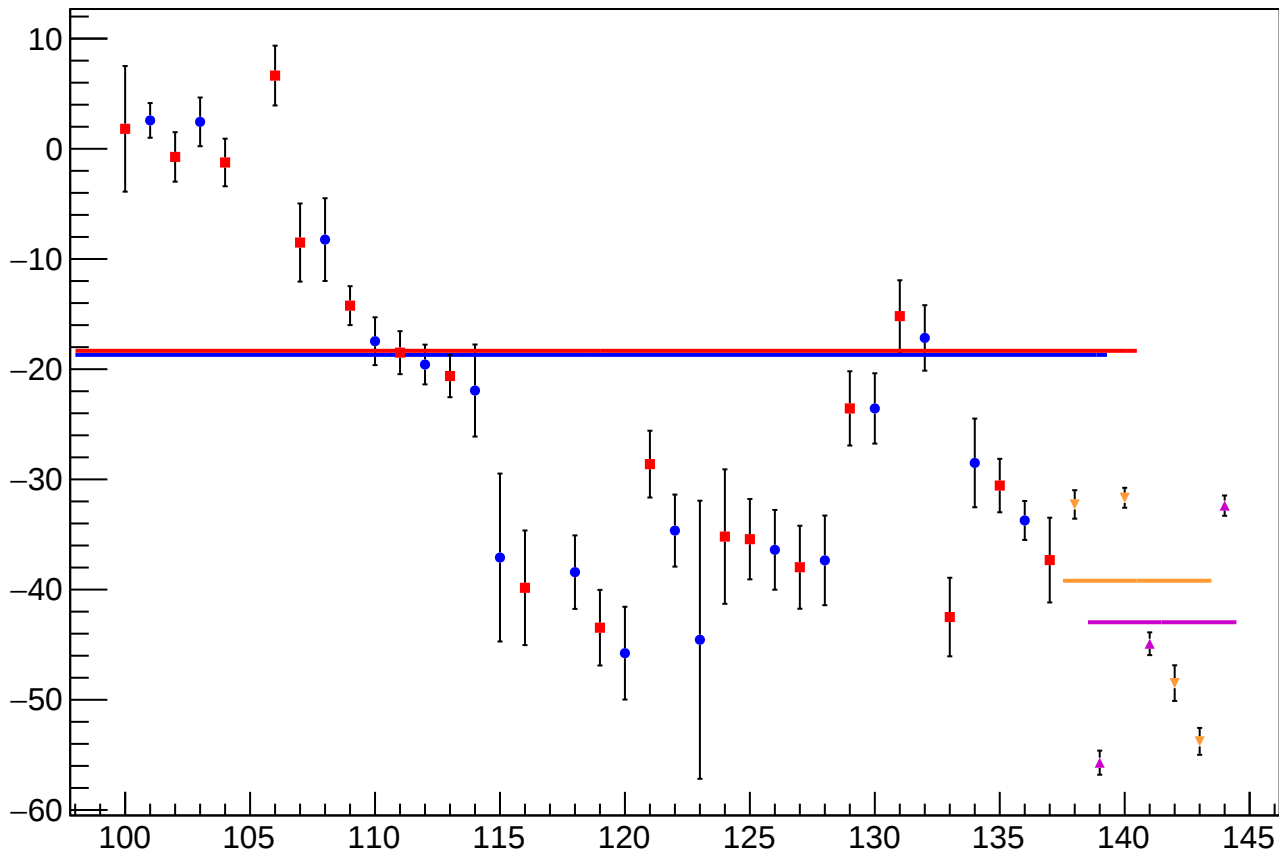
Right: 32.715 $\pm$ 0.266 χ^2 /NDF: 1227.8/35

In: 32.774 $\pm$ 0.287 χ^2 /NDF:609.3/19

Out: 34.544 $\pm$ 0.284 χ^2 /NDF:1113.2/22

All: 33.667 $\pm$ 0.202 χ^2 /NDF: 1741.8/42

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -39.194 ± 0.590 χ^2/NDF : 273.0/3

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -42.963 ± 0.582 χ^2/NDF : 271.3/2

Left: -41.106 ± 0.414 χ^2/NDF : 565.0/6

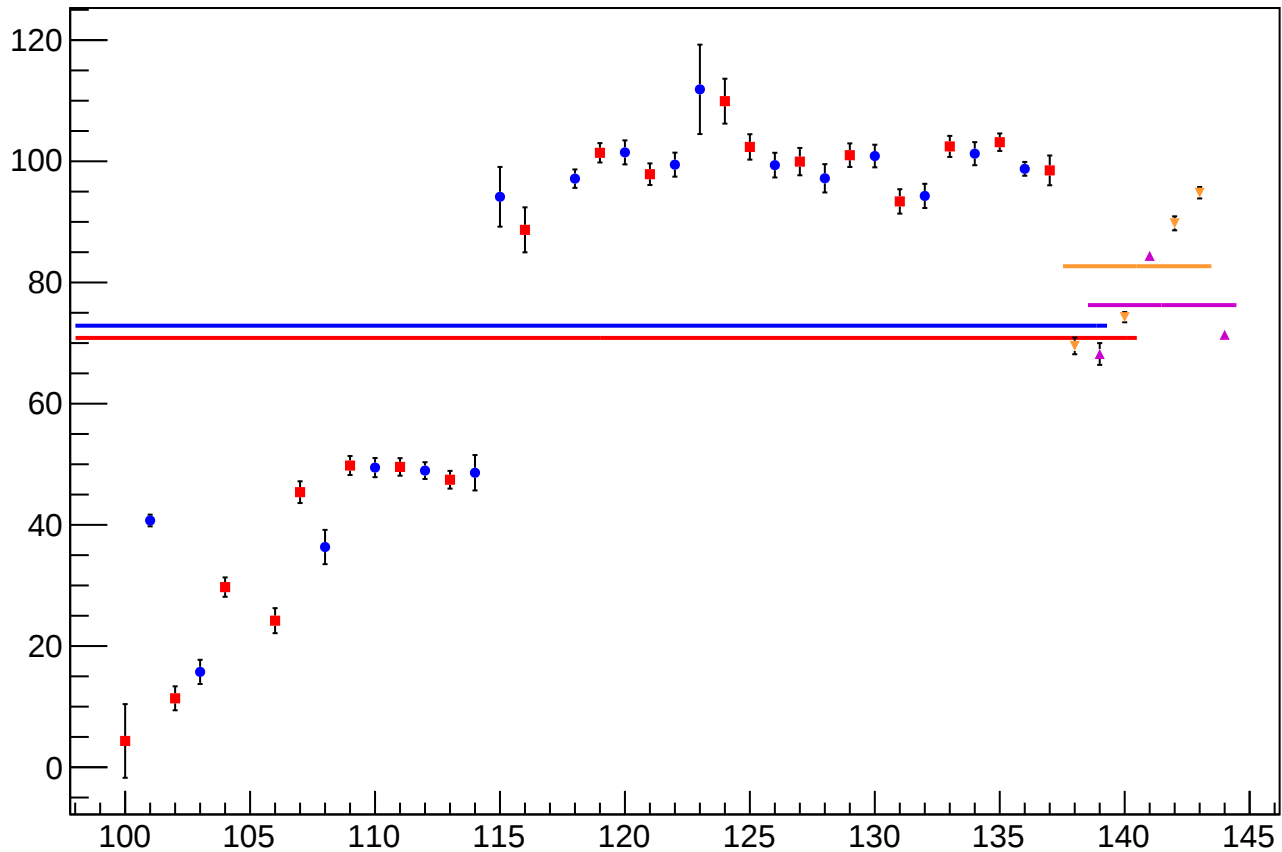
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -32.467 ± 0.438 χ^2/NDF : 1542.3/19

Out: -29.657 ± 0.435 χ^2/NDF : 1317.9/22

All: -31.051 ± 0.309 χ^2/NDF : 2880.9/42

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870+/-0.427 χ^2/NDF : 4727.1/16

Left Out: 82.686+/-0.513 χ^2/NDF :393.3/3

Right Out: 70.851+/-0.433 χ^2/NDF : 5495.4/18

Left In: 76.267+/-0.524 χ^2/NDF :160.7/2

Left: 79.550+/-0.367 χ^2/NDF : 630.6/6

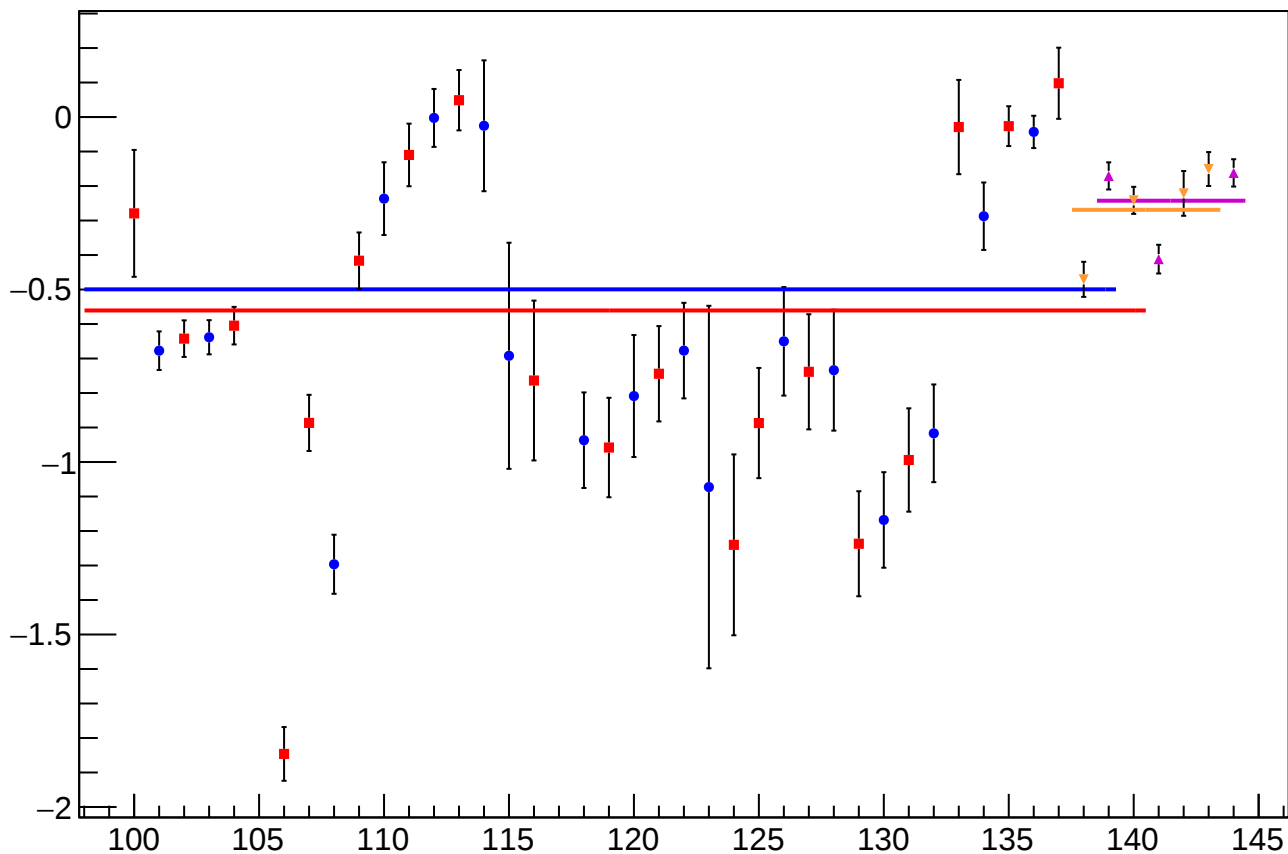
Right: 71.876+/-0.304 χ^2/NDF : 10233.6/35

In: 74.222+/-0.331 χ^2/NDF :4913.0/19

Out: 75.780+/-0.331 χ^2/NDF :6199.9/22

All: 75.001+/-0.234 χ^2/NDF : 11124.0/42

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.269 ± 0.024 χ^2/NDF : 22.5/3

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.243 ± 0.023 χ^2/NDF : 24.1/2

Left: -0.255 ± 0.017 χ^2/NDF : 47.2/6

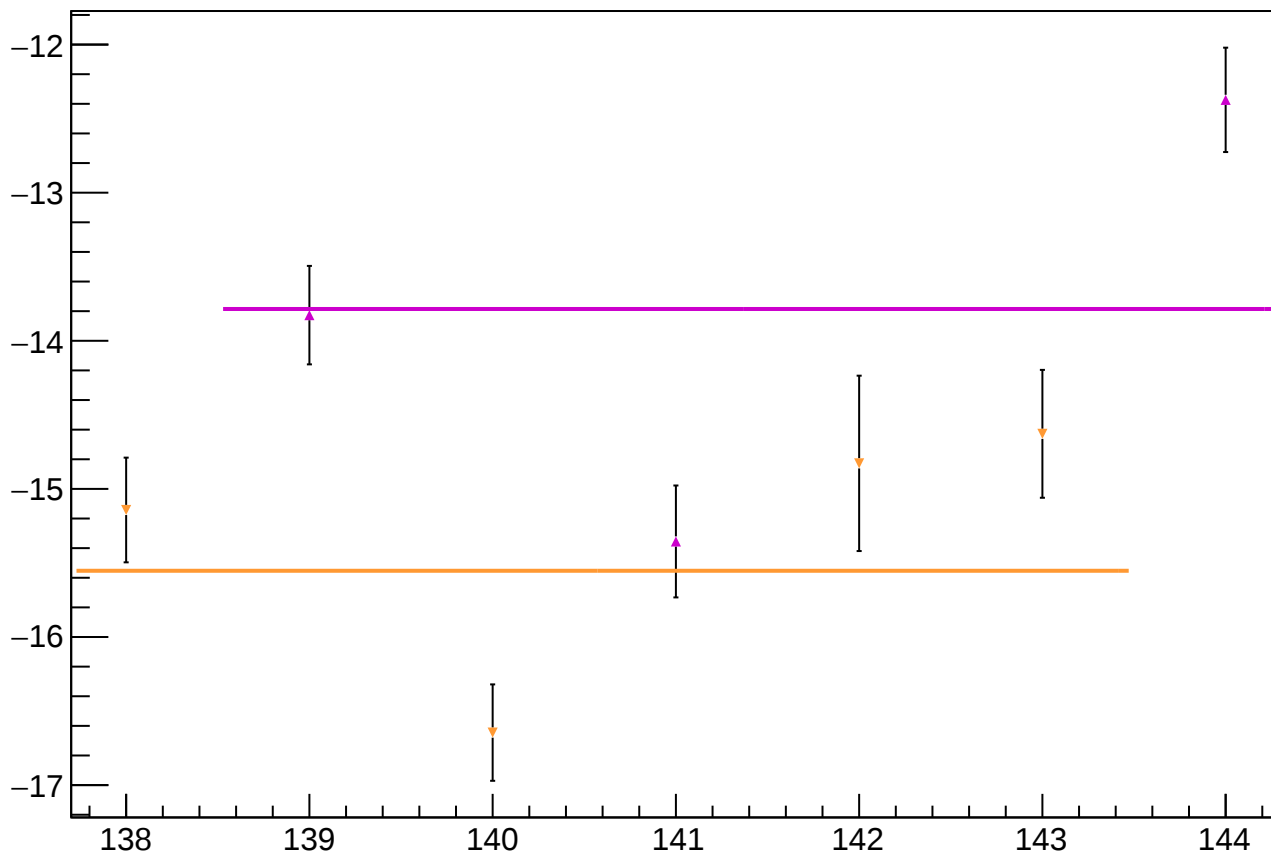
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.376 ± 0.016 χ^2/NDF : 390.5/19

Out: -0.433 ± 0.016 χ^2/NDF : 665.4/22

All: -0.405 ± 0.011 χ^2/NDF : 1062.2/42

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: -13.785+/-0.204 χ^2/NDF :33.3/2

Left: -14.697+/-0.142 χ^2/NDF : 90.9/6

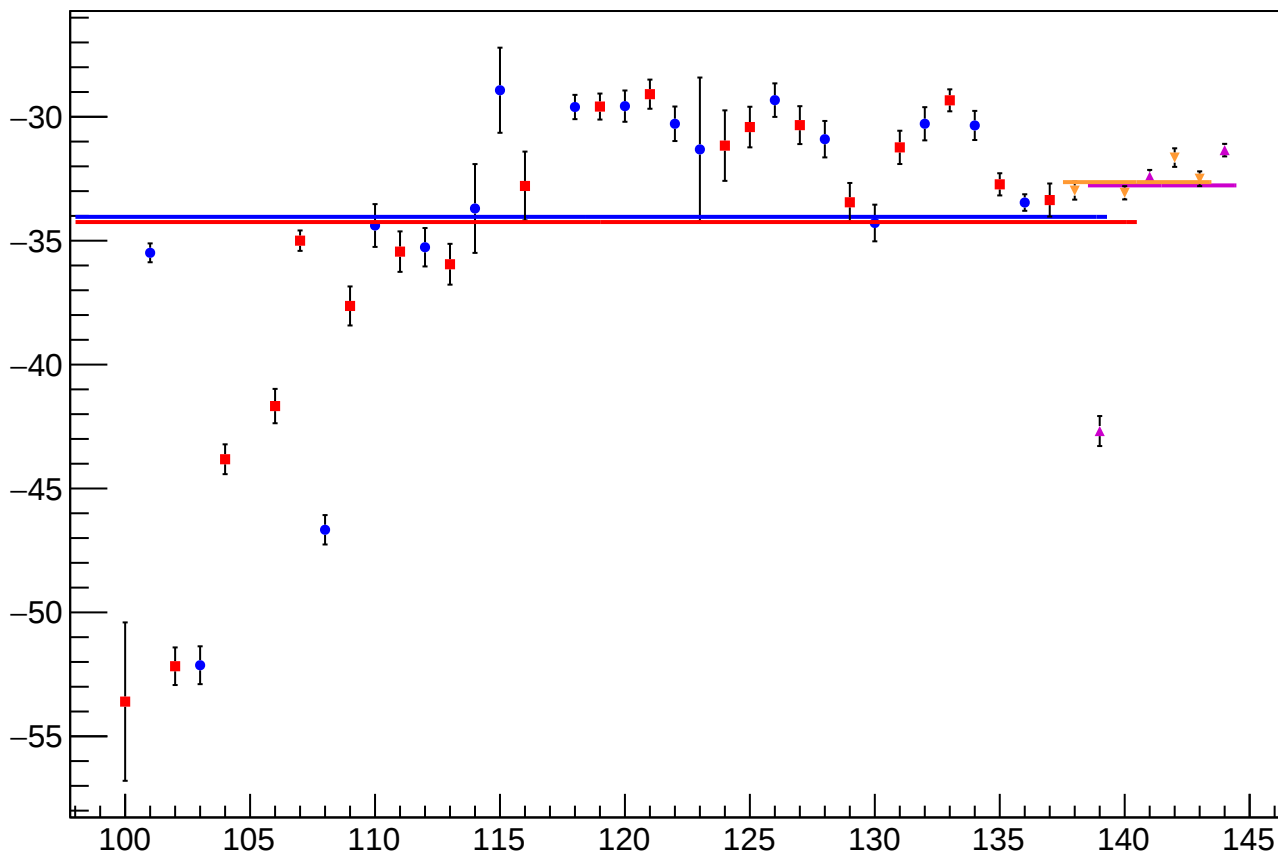
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.785+/-0.204 χ^2/NDF :33.3/2

Out: -15.553+/-0.197 χ^2/NDF :18.7/3

All: -14.697+/-0.142 χ^2/NDF : 90.9/6

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -32.636 ± 0.158 χ^2/NDF : 10.7/3

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -32.768 ± 0.177 χ^2/NDF : 301.4/2

Left: -32.695 ± 0.118 χ^2/NDF : 312.4/6

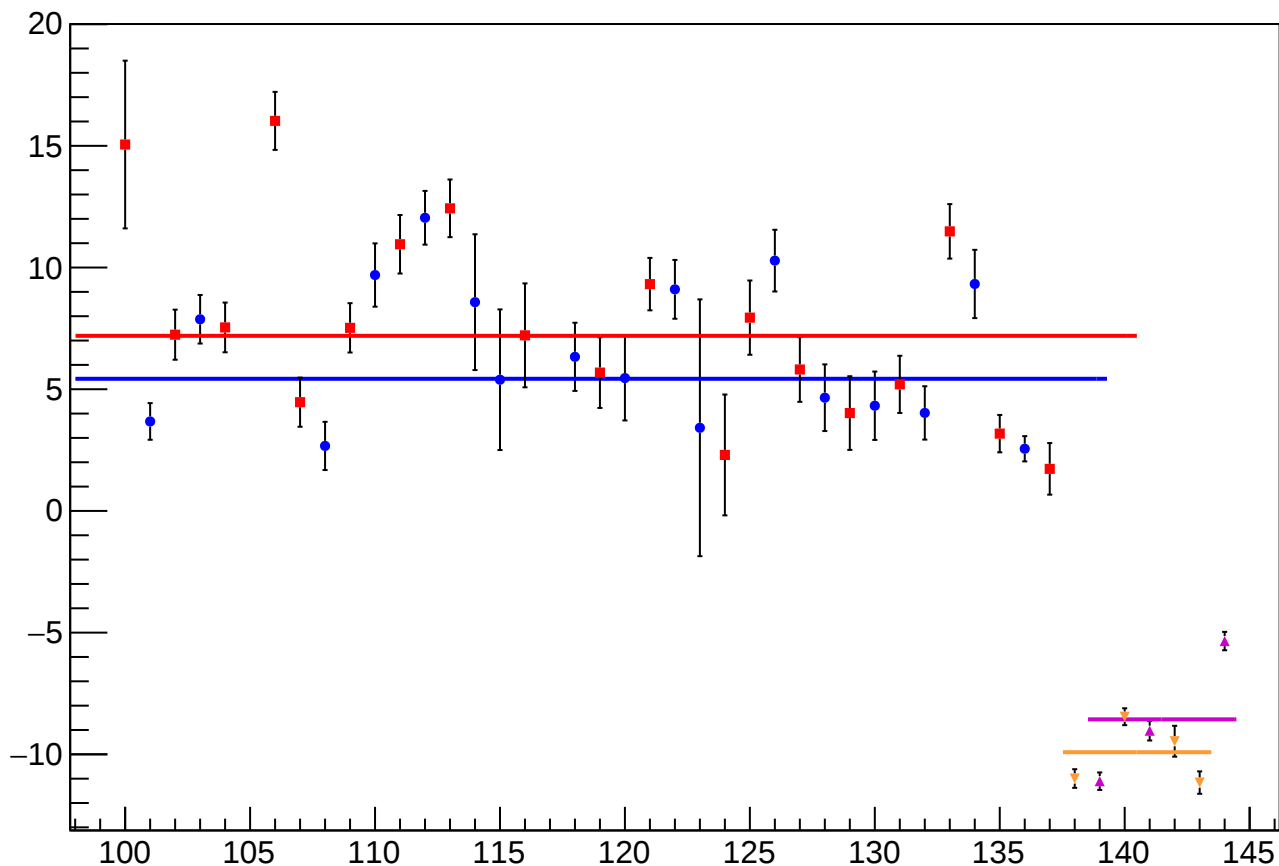
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -33.503 ± 0.115 χ^2/NDF : 1674.2/19

Out: -33.482 ± 0.109 χ^2/NDF : 1422.5/22

All: -33.492 ± 0.079 χ^2/NDF : 3096.7/42

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -9.913 ± 0.212 χ^2/NDF : 33.5/3

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -8.564 ± 0.218 χ^2/NDF : 123.9/2

Left: -9.260 ± 0.152 χ^2/NDF : 177.1/6

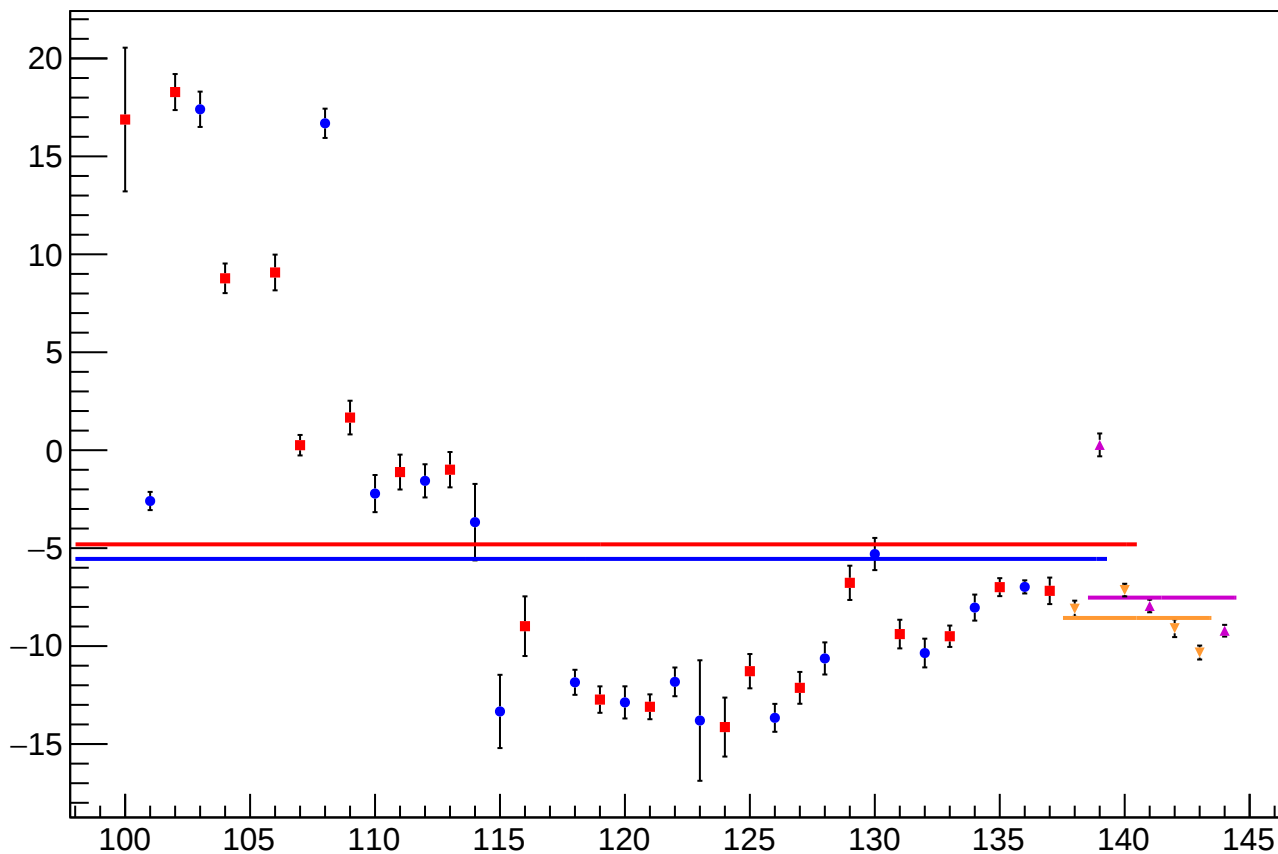
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -3.025 ± 0.170 χ^2/NDF : 1880.5/19

Out: -3.523 ± 0.167 χ^2/NDF : 2657.6/22

All: -3.277 ± 0.119 χ^2/NDF : 4542.5/42

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.564 ± 0.188 χ^2/NDF : 46.6/3

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -7.526 ± 0.206 χ^2/NDF : 212.2/2

Left: -8.090 ± 0.139 χ^2/NDF : 272.6/6

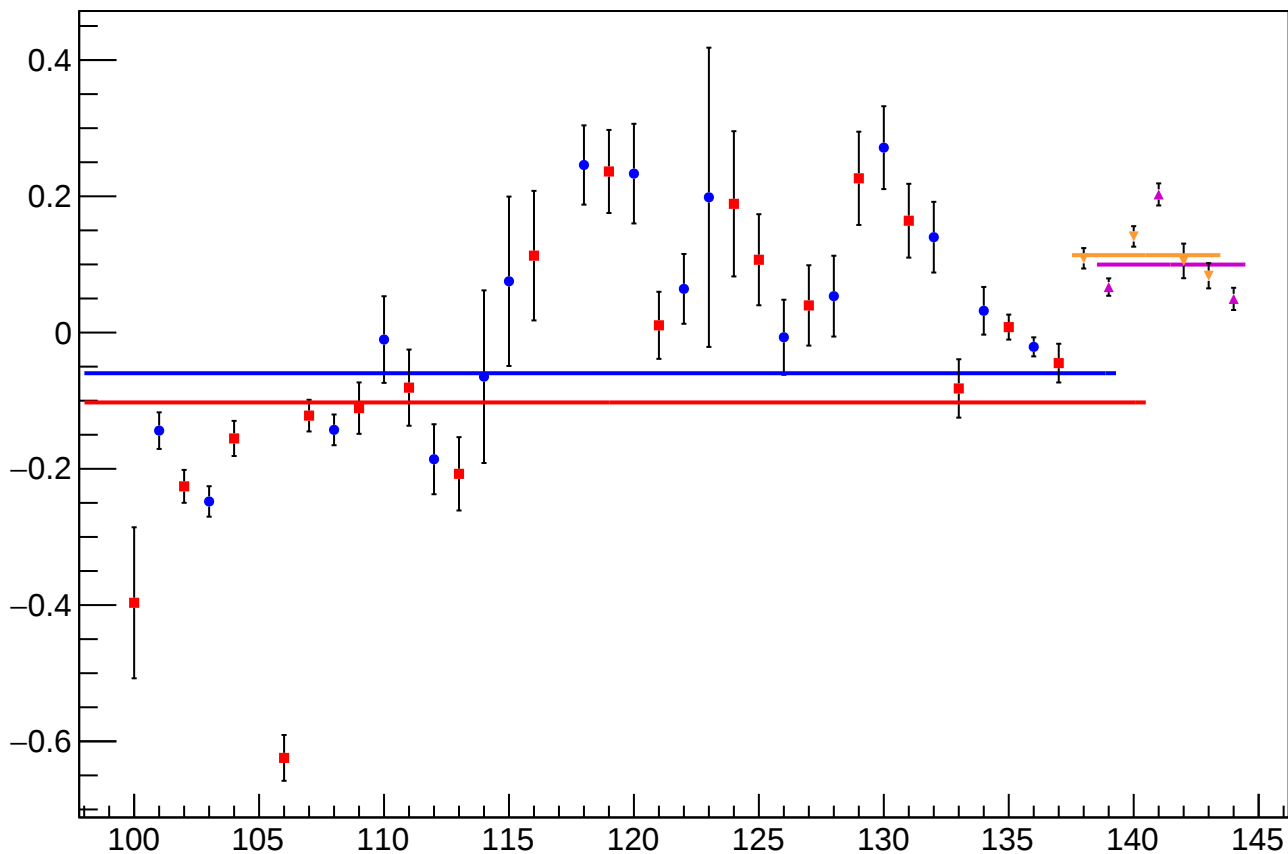
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -6.352 ± 0.131 χ^2/NDF : 2393.6/19

Out: -6.522 ± 0.127 χ^2/NDF : 2311.0/22

All: -6.439 ± 0.091 χ^2/NDF : 4705.4/42

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.114 ± 0.009 χ^2/NDF : 6.2/3

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.100 ± 0.009 χ^2/NDF : 56.7/2

Left: 0.107 ± 0.006 χ^2/NDF : 64.2/6

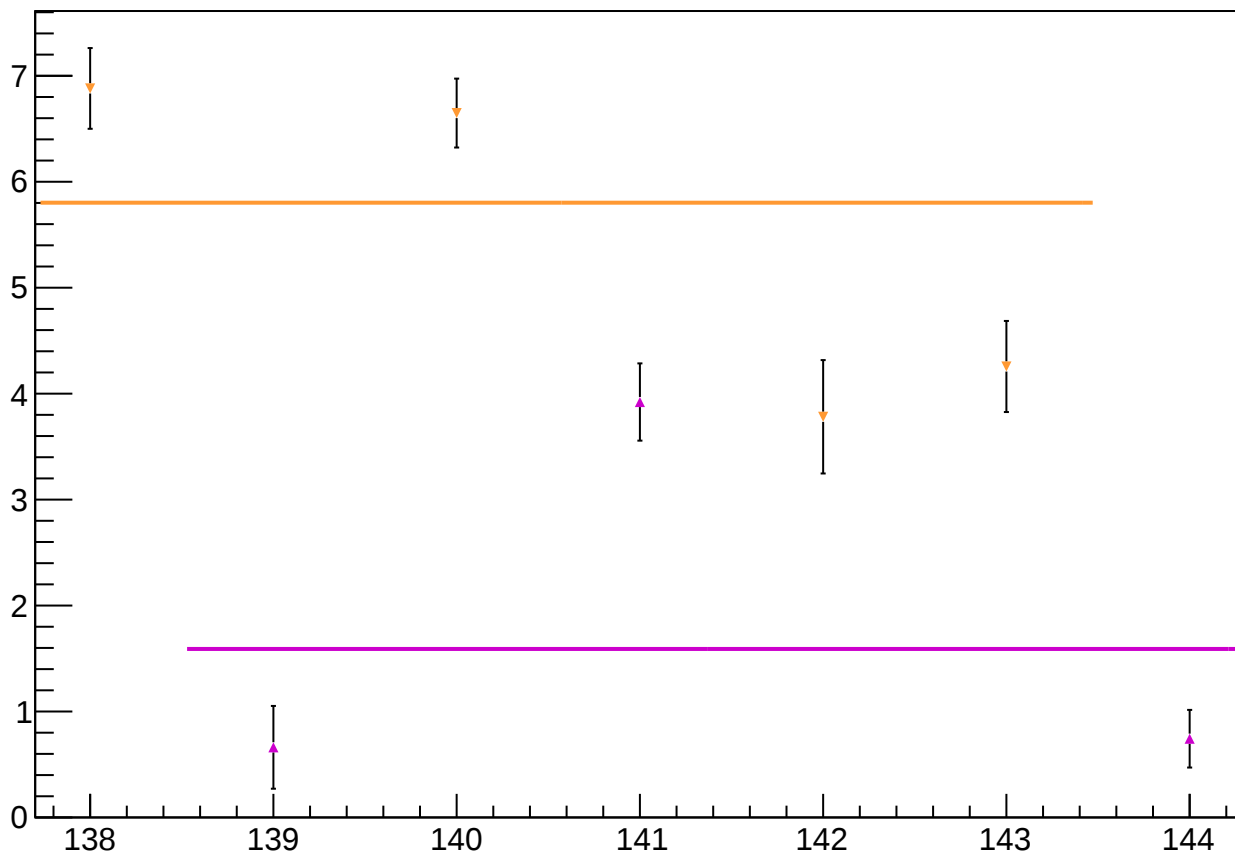
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.019 ± 0.006 χ^2/NDF : 450.7/19

Out: 0.002 ± 0.006 χ^2/NDF : 762.1/22

All: 0.011 ± 0.004 χ^2/NDF : 1216.5/42

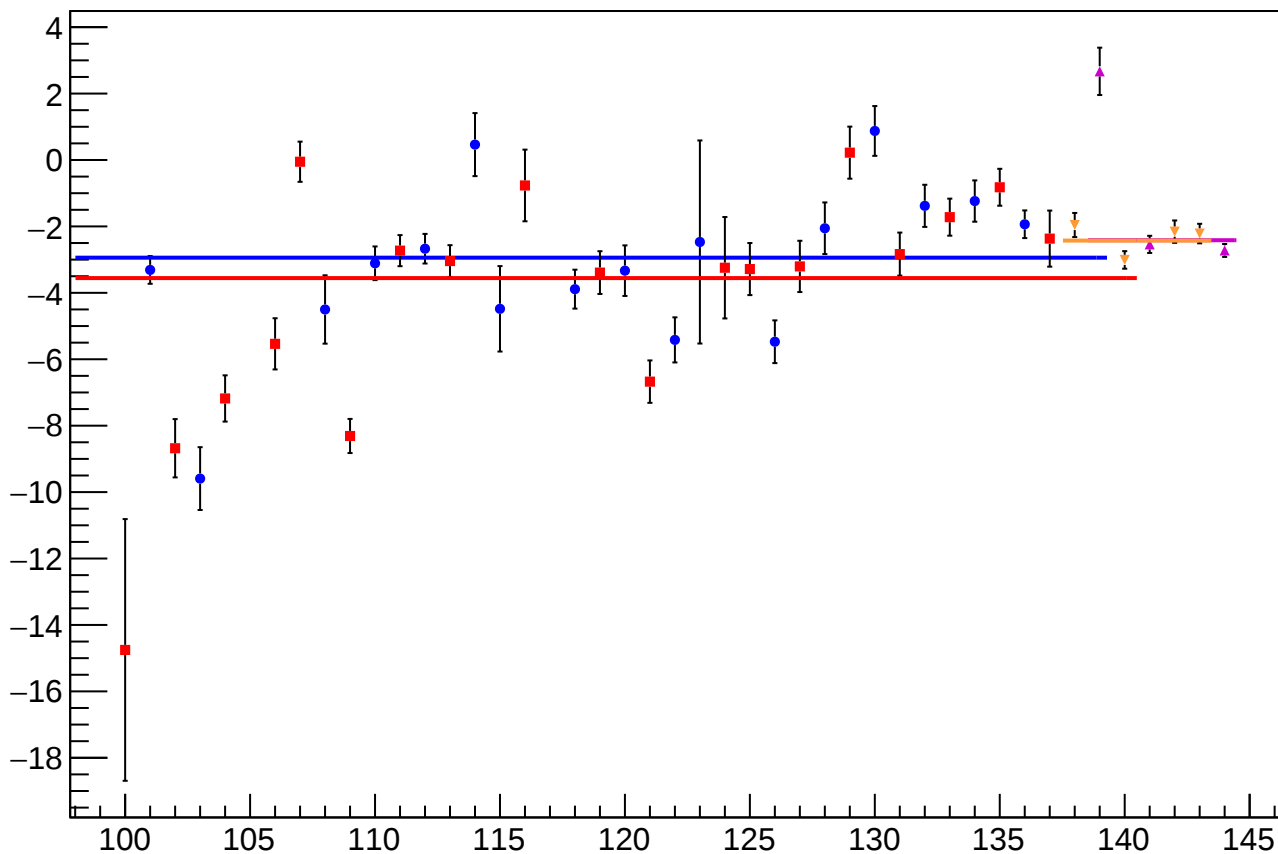
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 1.590+/-0.190 χ^2/NDF :56.2/2

Left: 3.603+/-0.138 χ^2/NDF : 332.0/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.590+/-0.190 χ^2/NDF :56.2/2
 Out: 5.802+/-0.199 χ^2/NDF :42.0/3
 All: 3.603+/-0.138 χ^2/NDF : 332.0/6

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 $\pm$ 0.154 χ^2 /NDF: 145.6/16

Left Out: -2.426 $\pm$ 0.154 χ^2 /NDF: 7.7/3

Right Out: -3.556 $\pm$ 0.155 χ^2 /NDF: 291.6/18

Left In: -2.416 $\pm$ 0.152 χ^2 /NDF: 53.6/2

Left: -2.421 $\pm$ 0.108 χ^2 /NDF: 61.3/6

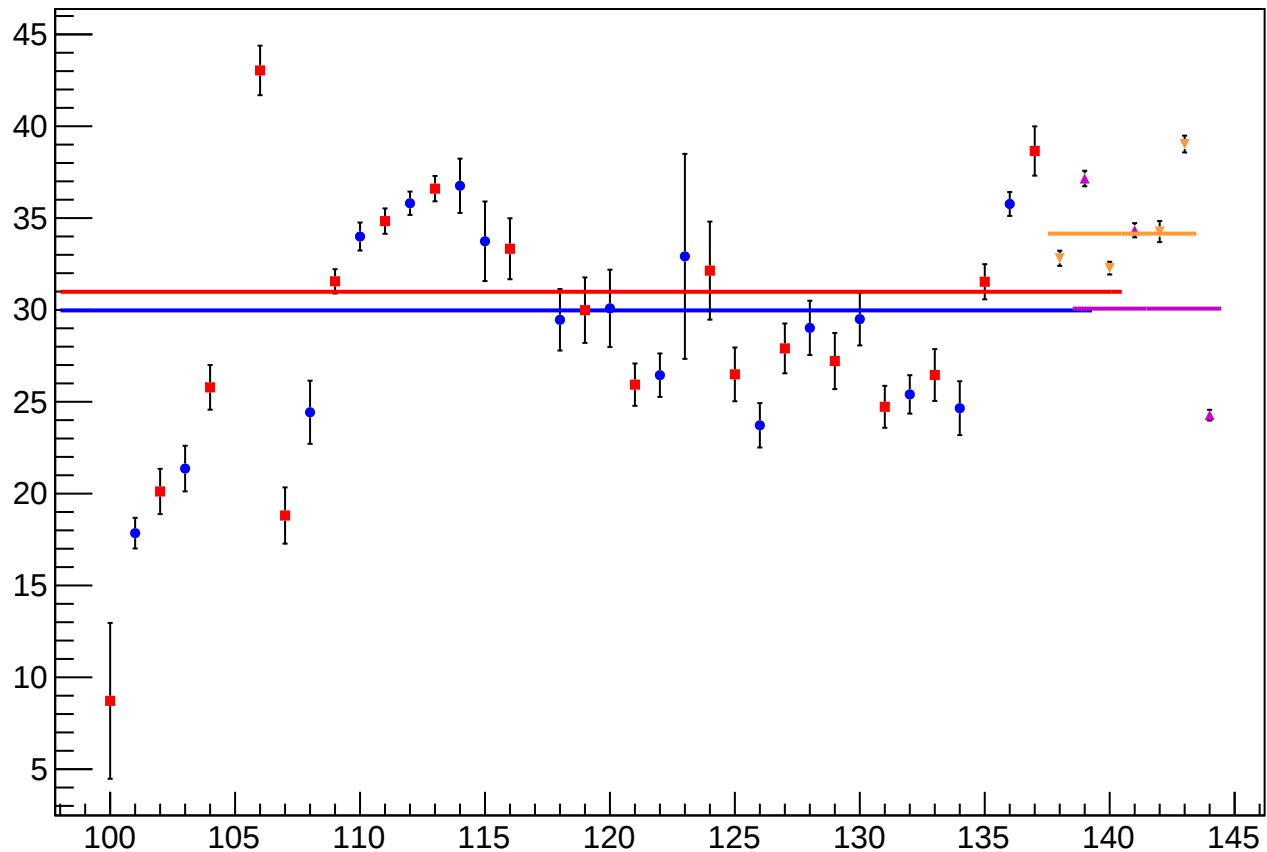
Right: -3.248 $\pm$ 0.109 χ^2 /NDF: 445.2/35

In: -2.674 $\pm$ 0.108 χ^2 /NDF: 205.1/19

Out: -2.988 $\pm$ 0.109 χ^2 /NDF: 326.2/22

All: -2.830 $\pm$ 0.077 χ^2 /NDF: 535.5/42

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974+/-0.267 χ^2/NDF : 553.9/16

Left Out: 34.154+/-0.213 χ^2/NDF : 153.1/3

Right Out: 30.989+/-0.260 χ^2/NDF : 481.0/18

Left In: 30.071+/-0.204 χ^2/NDF : 797.8/2

Left: 32.024+/-0.147 χ^2/NDF : 1142.5/6

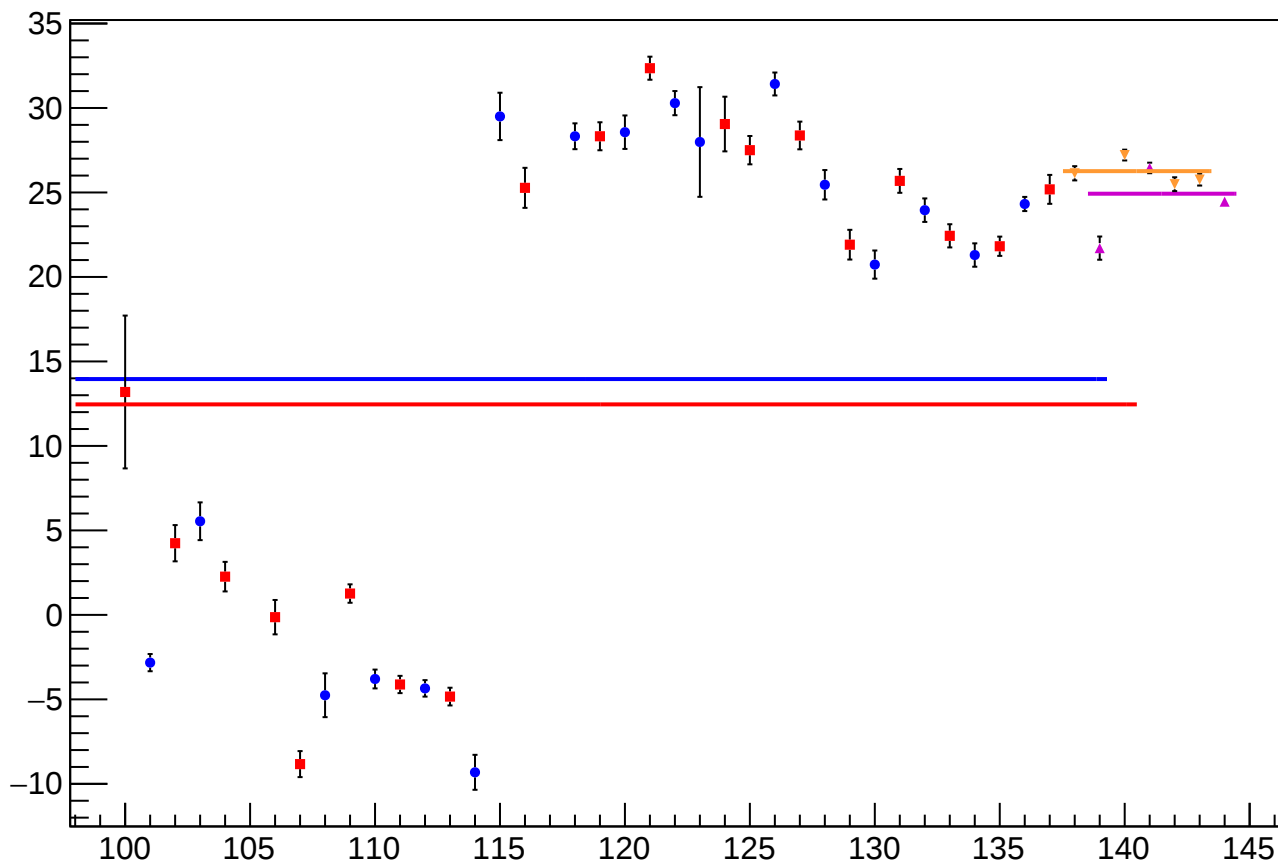
Right: 30.495+/-0.186 χ^2/NDF : 1042.4/35

In: 30.035+/-0.162 χ^2/NDF : 1351.8/19

Out: 32.882+/-0.165 χ^2/NDF : 722.9/22

All: 31.435+/-0.116 χ^2/NDF : 2226.2/42

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 26.262 $\pm$ 0.184 χ^2 /NDF:14.5/3

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 24.927 $\pm$ 0.179 χ^2 /NDF:50.0/2

Left: 25.574 $\pm$ 0.128 χ^2 /NDF: 91.6/6

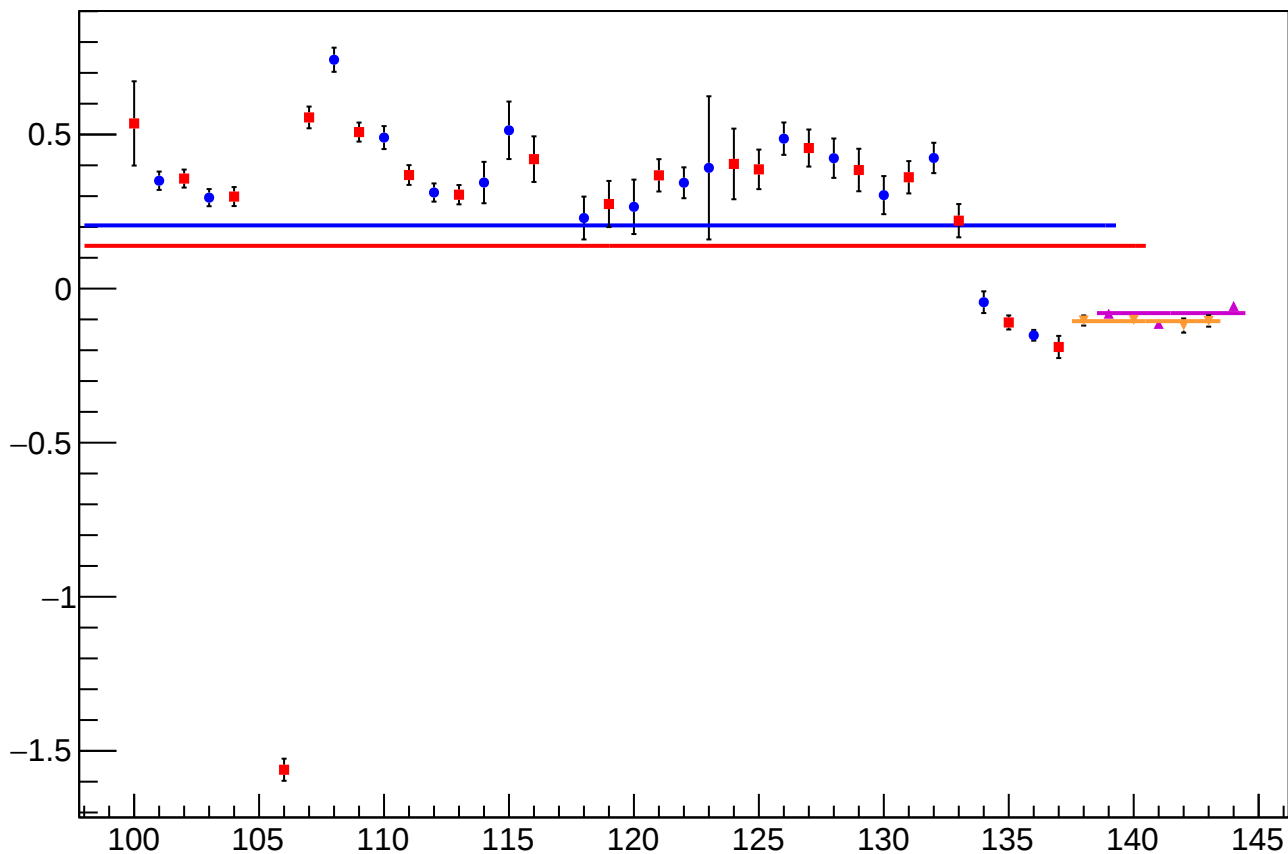
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.235 $\pm$ 0.124 χ^2 /NDF:9348.8/19

Out: 18.943 $\pm$ 0.126 χ^2 /NDF:9964.4/22

All: 19.091 $\pm$ 0.089 χ^2 /NDF: 19315.9/42

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.106 $\pm$ 0.009 χ^2 /NDF: 0.5/3

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.4/18

Left In: -0.080 $\pm$ 0.008 χ^2 /NDF: 8.5/2

Left: -0.092 $\pm$ 0.006 χ^2 /NDF: 13.6/6

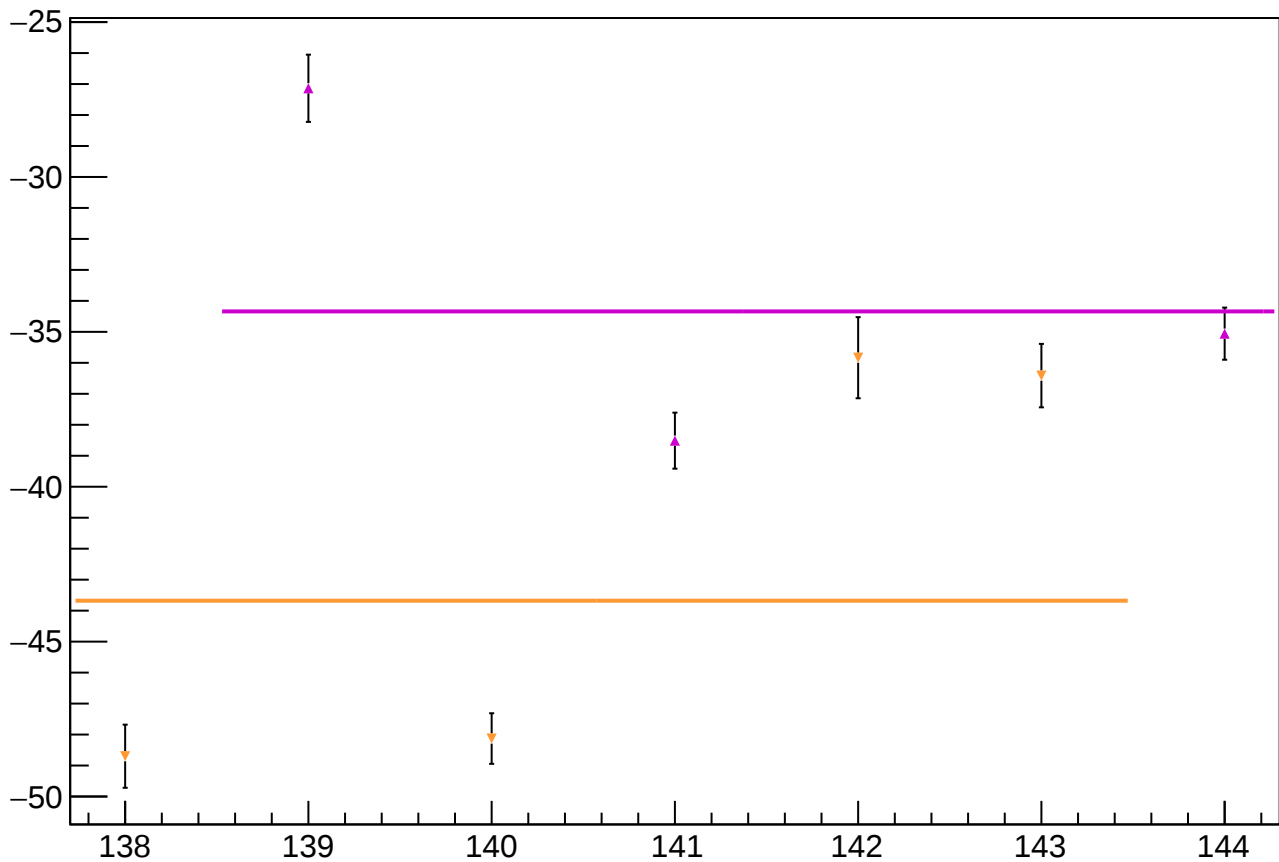
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: 0.044 $\pm$ 0.006 χ^2 /NDF: 1377.6/19

Out: 0.011 $\pm$ 0.006 χ^2 /NDF: 3385.6/22

All: 0.028 $\pm$ 0.004 χ^2 /NDF: 4776.8/42

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: -34.340+/-0.536 χ^2/NDF :66.1/2

Left: -39.330+/-0.366 χ^2/NDF : 368.7/6

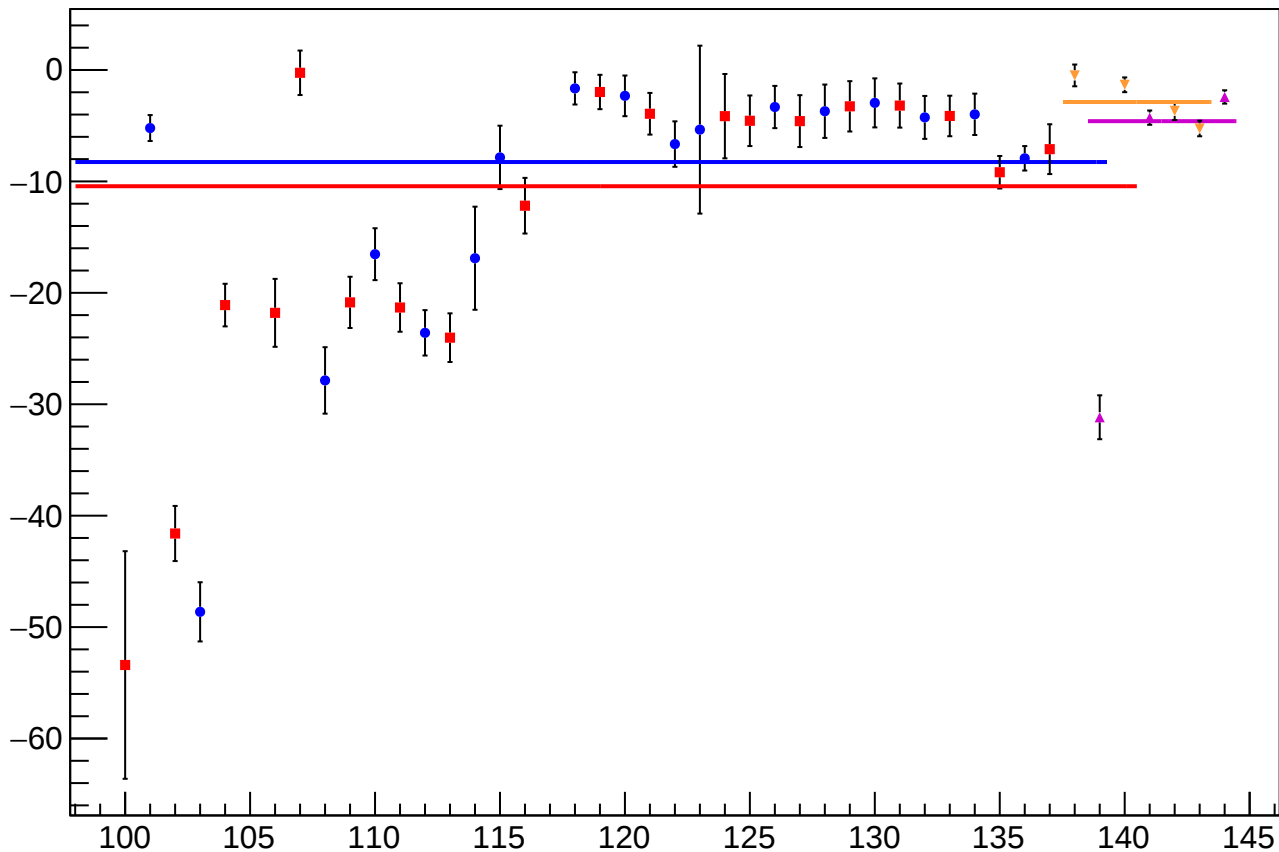
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.340+/-0.536 χ^2/NDF :66.1/2

Out: -43.679+/-0.500 χ^2/NDF :140.2/3

All: -39.330+/-0.366 χ^2/NDF : 368.7/6

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -2.873 ± 0.382 $\chi^2/\text{NDF}: 23.9/3$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -4.593 ± 0.427 $\chi^2/\text{NDF}: 195.3/2$

Left: -3.638 ± 0.285 $\chi^2/\text{NDF}: 228.2/6$

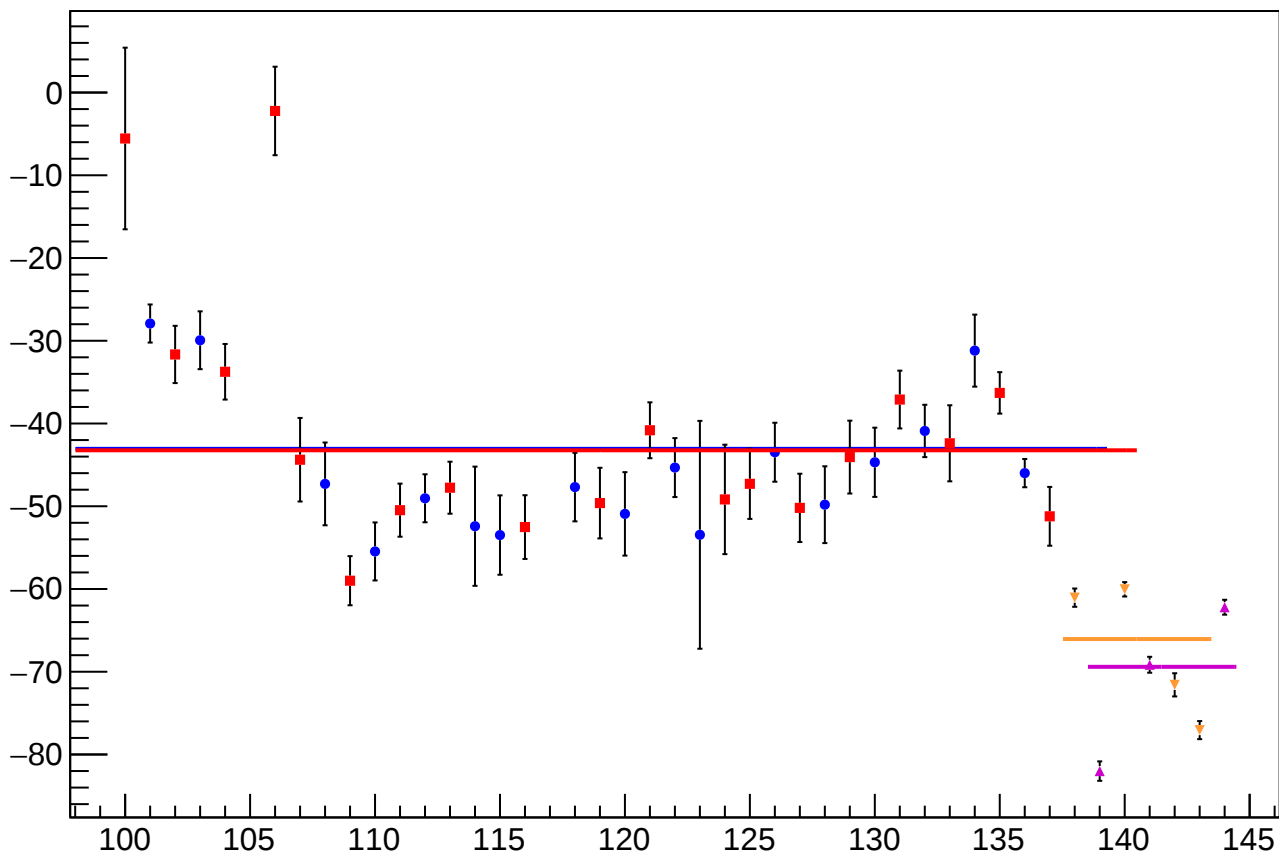
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -6.280 ± 0.314 $\chi^2/\text{NDF}: 641.2/19$

Out: -5.728 ± 0.301 $\chi^2/\text{NDF}: 600.4/22$

All: -5.993 ± 0.217 $\chi^2/\text{NDF}: 1243.1/42$

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: -43.237 ± 0.866 χ^2/NDF : 154.2/18

Left In: -69.406 ± 0.573 χ^2/NDF : 179.3/2

Left: -67.612 ± 0.391 χ^2/NDF : 383.2/6

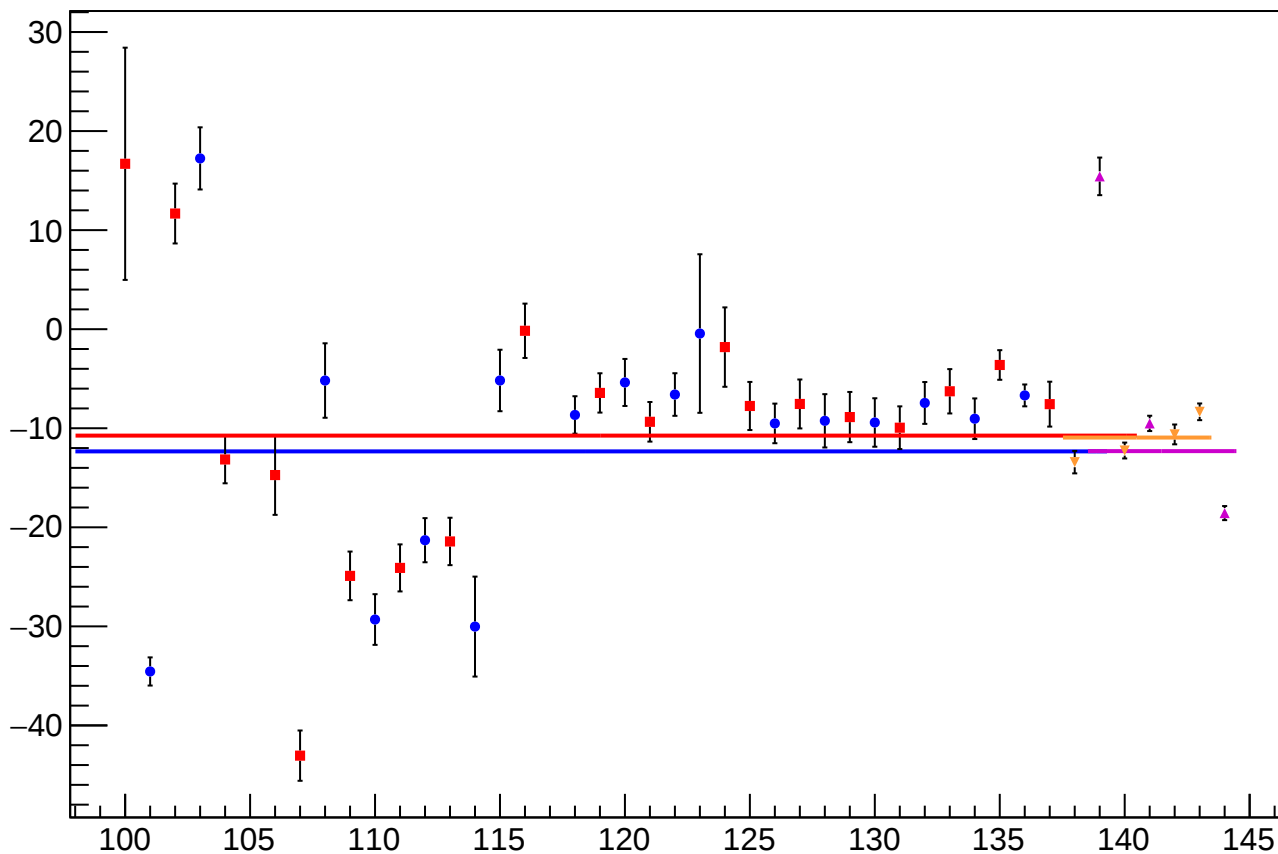
Right: -43.147 ± 0.601 χ^2/NDF : 253.3/35

In: -60.968 ± 0.473 χ^2/NDF : 954.3/19

Out: -59.745 ± 0.455 χ^2/NDF : 841.8/22

All: -60.334 ± 0.328 χ^2/NDF : 1799.6/42

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -10.939 ± 0.459 χ^2/NDF : 17.1/3

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -12.310 ± 0.504 χ^2/NDF : 304.1/2

Left: -11.560 ± 0.339 χ^2/NDF : 325.2/6

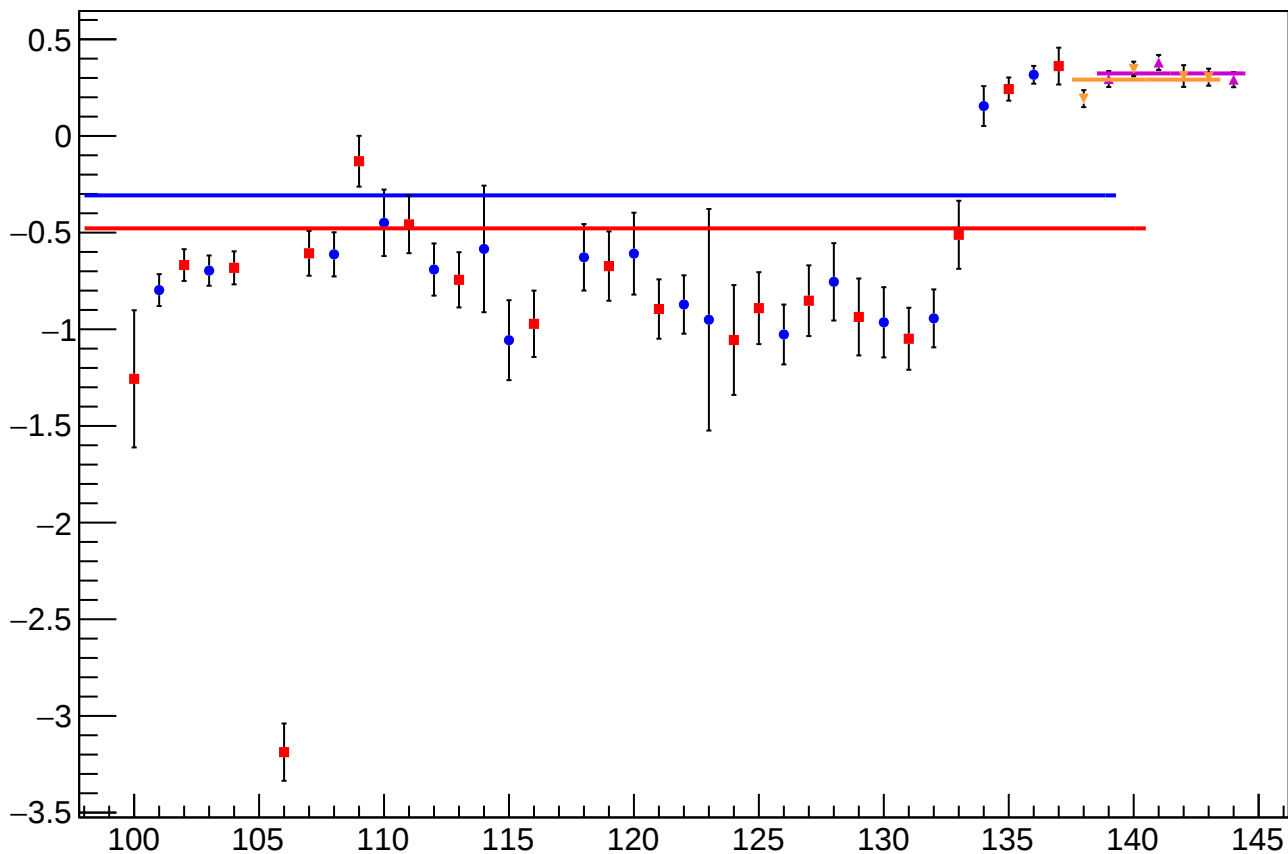
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -12.322 ± 0.362 χ^2/NDF : 779.3/19

Out: -10.859 ± 0.353 χ^2/NDF : 384.1/22

All: -11.572 ± 0.253 χ^2/NDF : 1171.7/42

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.291 ± 0.022 χ^2/NDF : 7.3/3

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.323 ± 0.023 χ^2/NDF : 3.3/2

Left: 0.307 ± 0.016 χ^2/NDF : 11.6/6

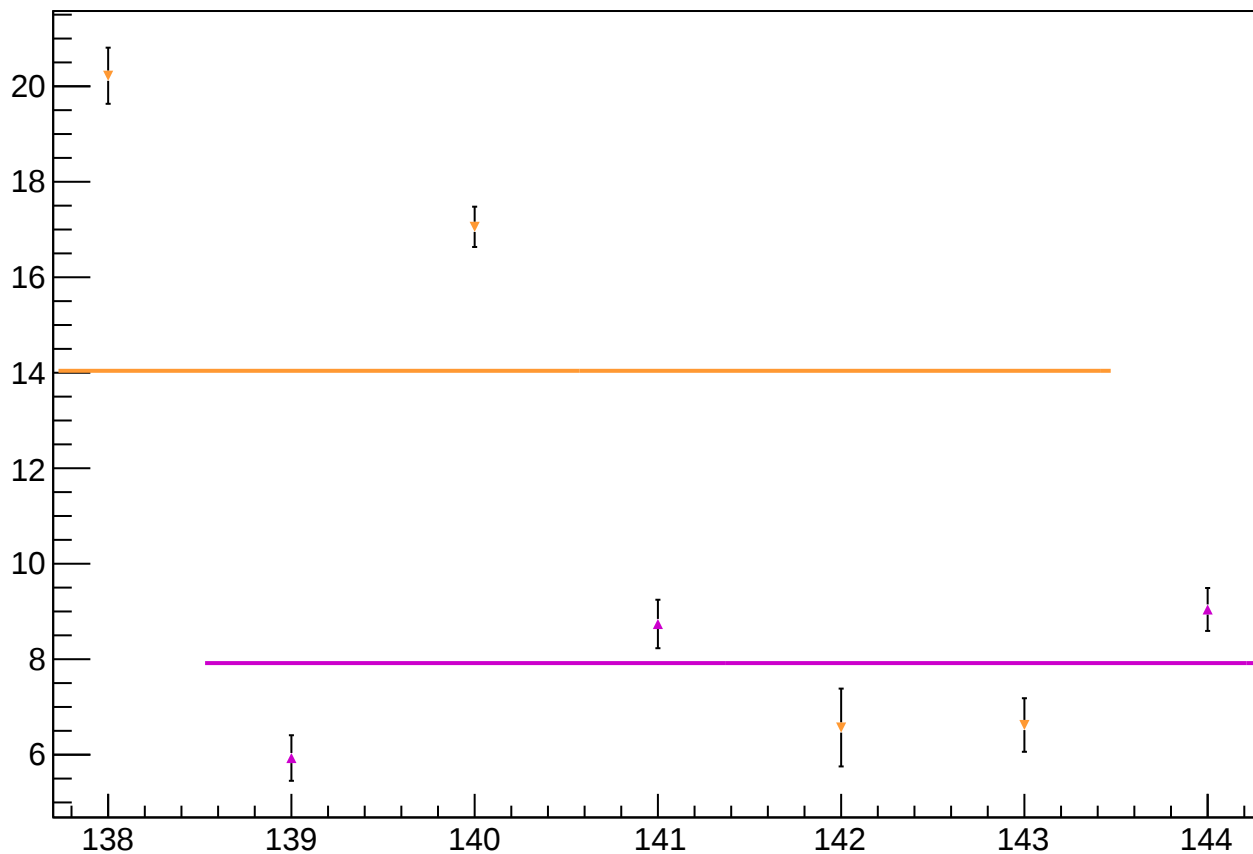
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.064 ± 0.018 χ^2/NDF : 684.6/19

Out: 0.002 ± 0.017 χ^2/NDF : 1092.8/22

All: 0.033 ± 0.012 χ^2/NDF : 1783.5/42

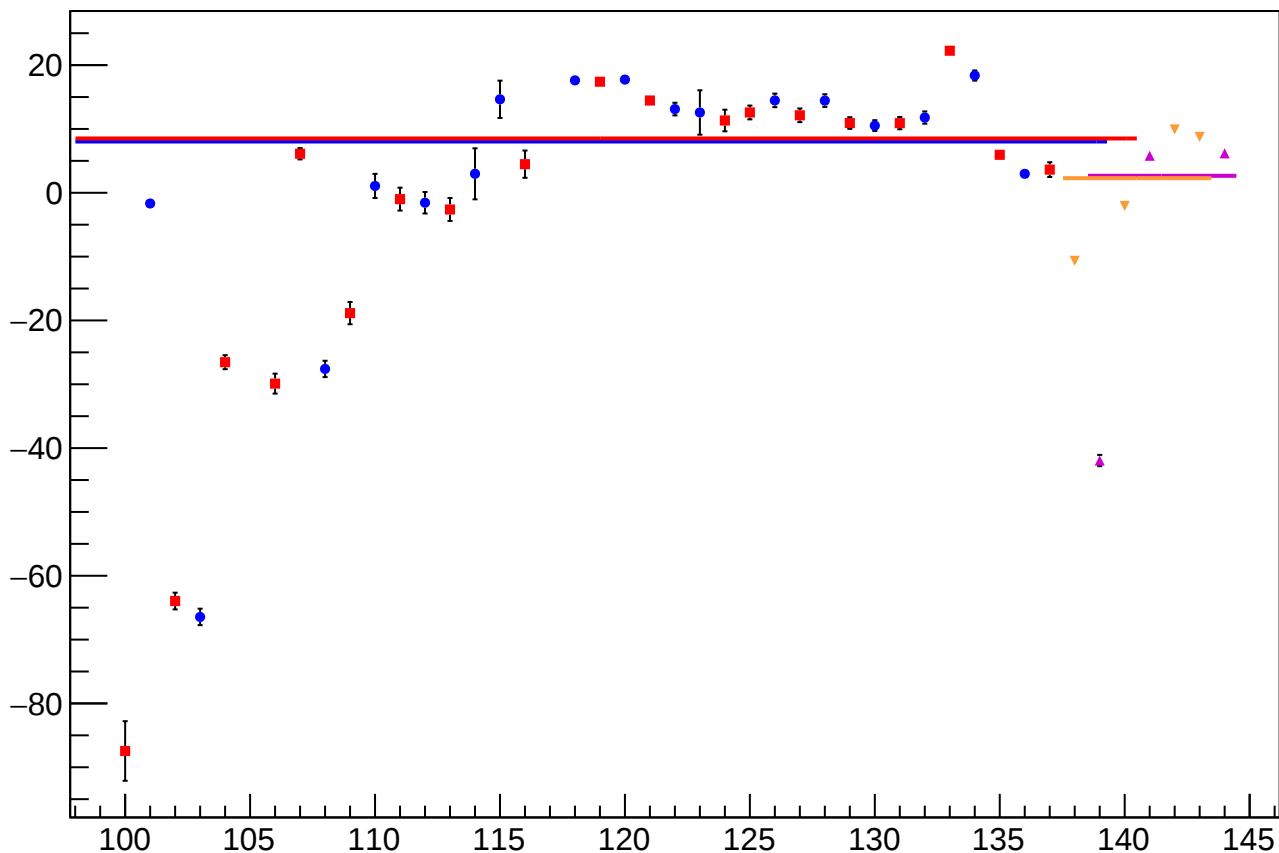
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 7.919+/-0.275 χ^2/NDF :26.2/2

Left: 10.976+/-0.195 χ^2/NDF : 694.2/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.919+/-0.275 χ^2/NDF :26.2/2
 Out: 14.041+/-0.275 χ^2/NDF :420.5/3
 All: 10.976+/-0.195 χ^2/NDF : 694.2/6

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 2.287 ± 0.216 $\chi^2/\text{NDF}: 1124.2/3$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 2.659 ± 0.233 $\chi^2/\text{NDF}: 2765.5/2$

Left: 2.459 ± 0.158 $\chi^2/\text{NDF}: 3891.1/6$

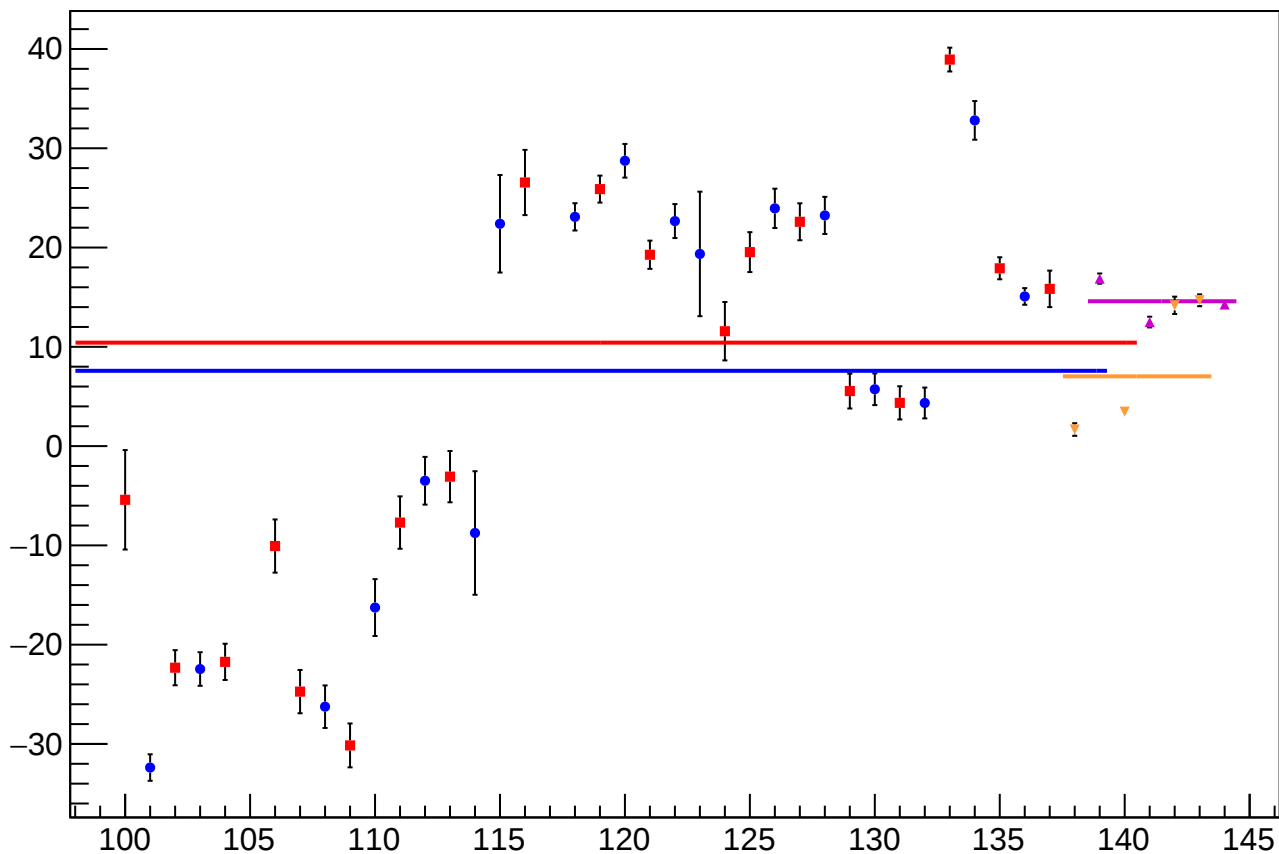
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 5.554 ± 0.158 $\chi^2/\text{NDF}: 8423.4/19$

Out: 5.440 ± 0.152 $\chi^2/\text{NDF}: 8258.5/22$

All: 5.495 ± 0.109 $\chi^2/\text{NDF}: 16682.3/42$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 7.028 ± 0.295 χ^2/NDF : 364.5/3

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 14.591 ± 0.295 χ^2/NDF : 35.2/2

Left: 10.809 ± 0.208 χ^2/NDF : 728.9/6

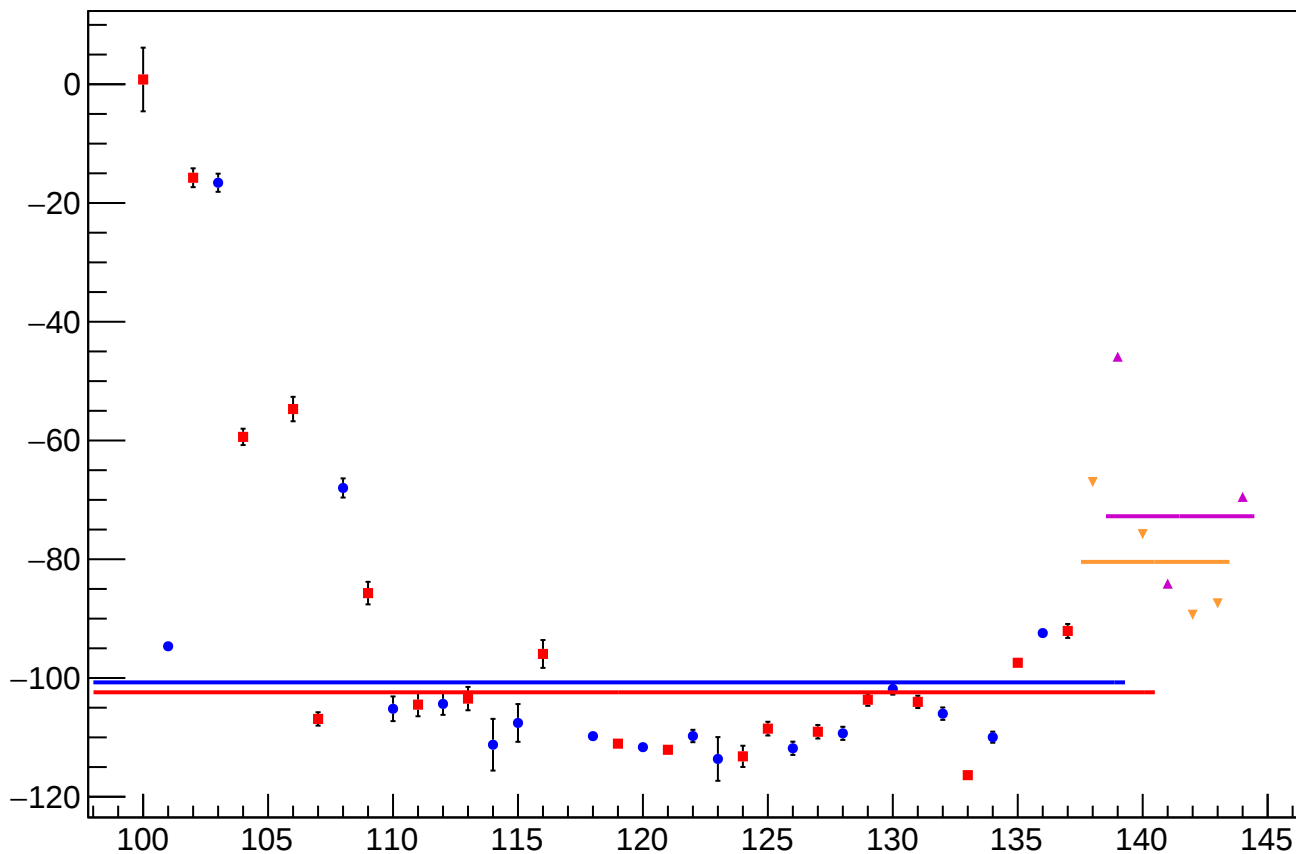
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 12.251 ± 0.241 χ^2/NDF : 2546.6/19

Out: 8.162 ± 0.240 χ^2/NDF : 2698.3/22

All: 10.206 ± 0.170 χ^2/NDF : 5389.4/42

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -80.444 ± 0.258 χ^2/NDF : 943.2/3

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

Left In: -72.755 ± 0.272 χ^2/NDF : 1753.8/2

Left: -76.801 ± 0.187 χ^2/NDF : 3117.4/6

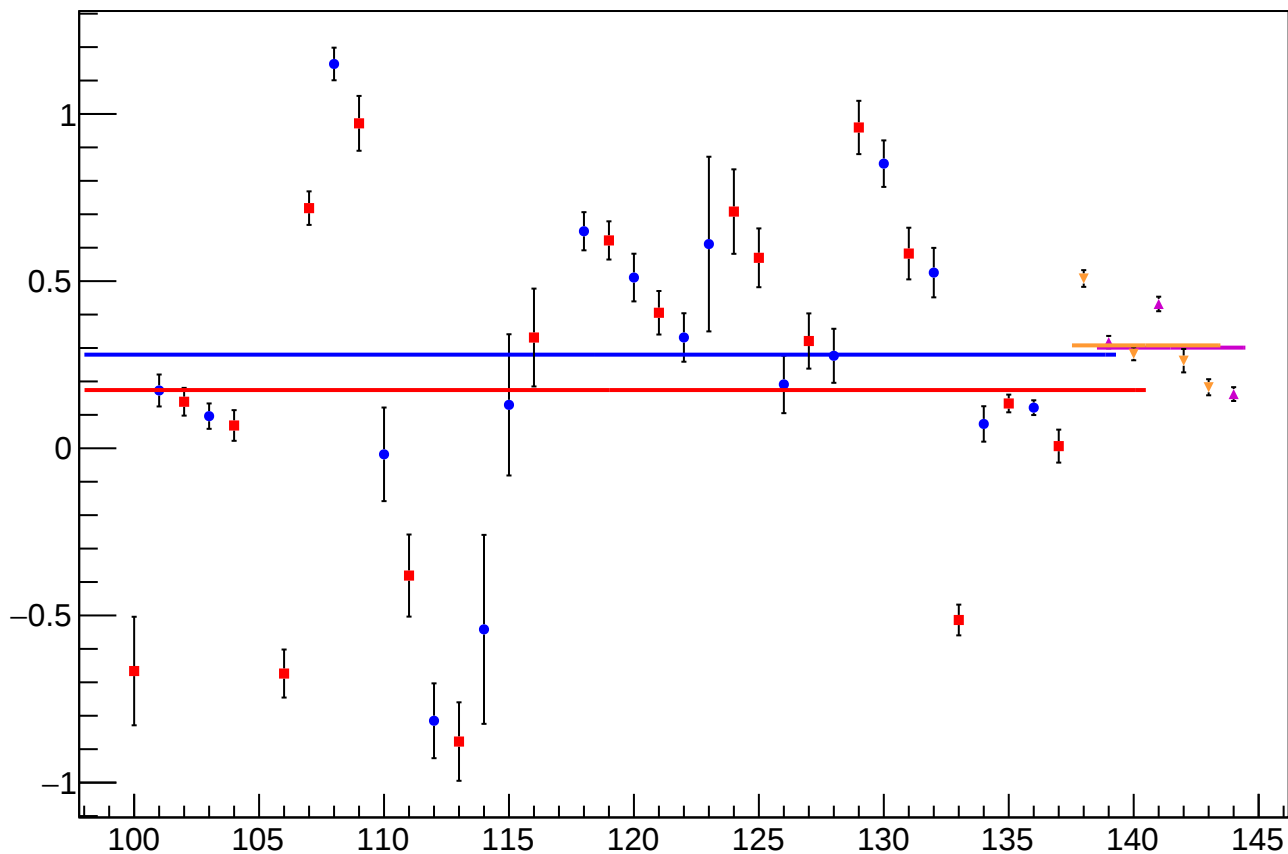
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -88.017 ± 0.183 χ^2/NDF : 12046.3/19

Out: -91.959 ± 0.178 χ^2/NDF : 10827.9/22

All: -90.047 ± 0.128 χ^2/NDF : 23112.1/42

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.308 ± 0.012 χ^2/NDF : 94.4/3

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.301 ± 0.012 χ^2/NDF : 81.9/2

Left: 0.304 ± 0.008 χ^2/NDF : 176.4/6

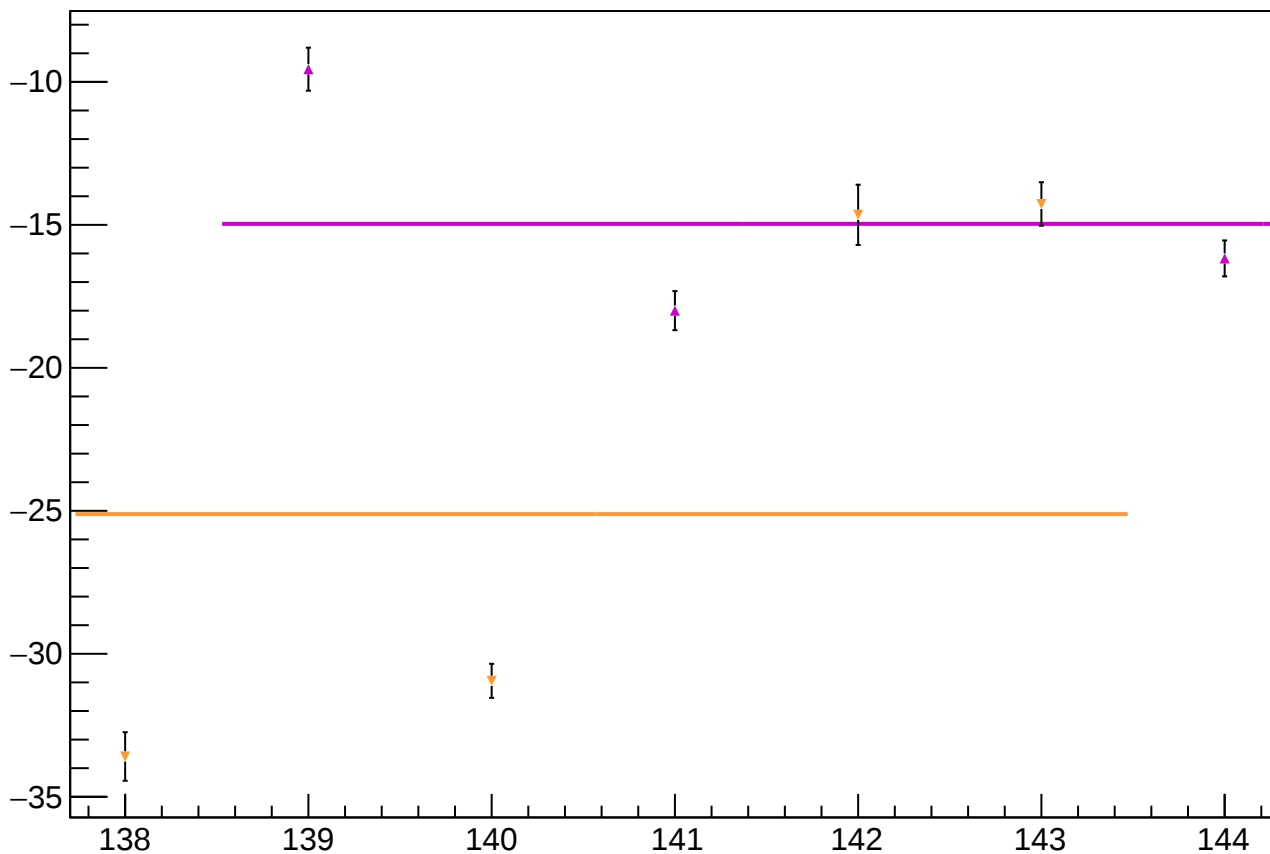
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.292 ± 0.009 χ^2/NDF : 739.6/19

Out: 0.248 ± 0.009 χ^2/NDF : 1112.9/22

All: 0.270 ± 0.006 χ^2/NDF : 1864.9/42

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.114+/-0.383 χ^2/NDF : 497.2/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.964+/-0.394 χ^2/NDF : 75.2/2

Left: -20.188+/-0.275 χ^2/NDF : 913.8/6

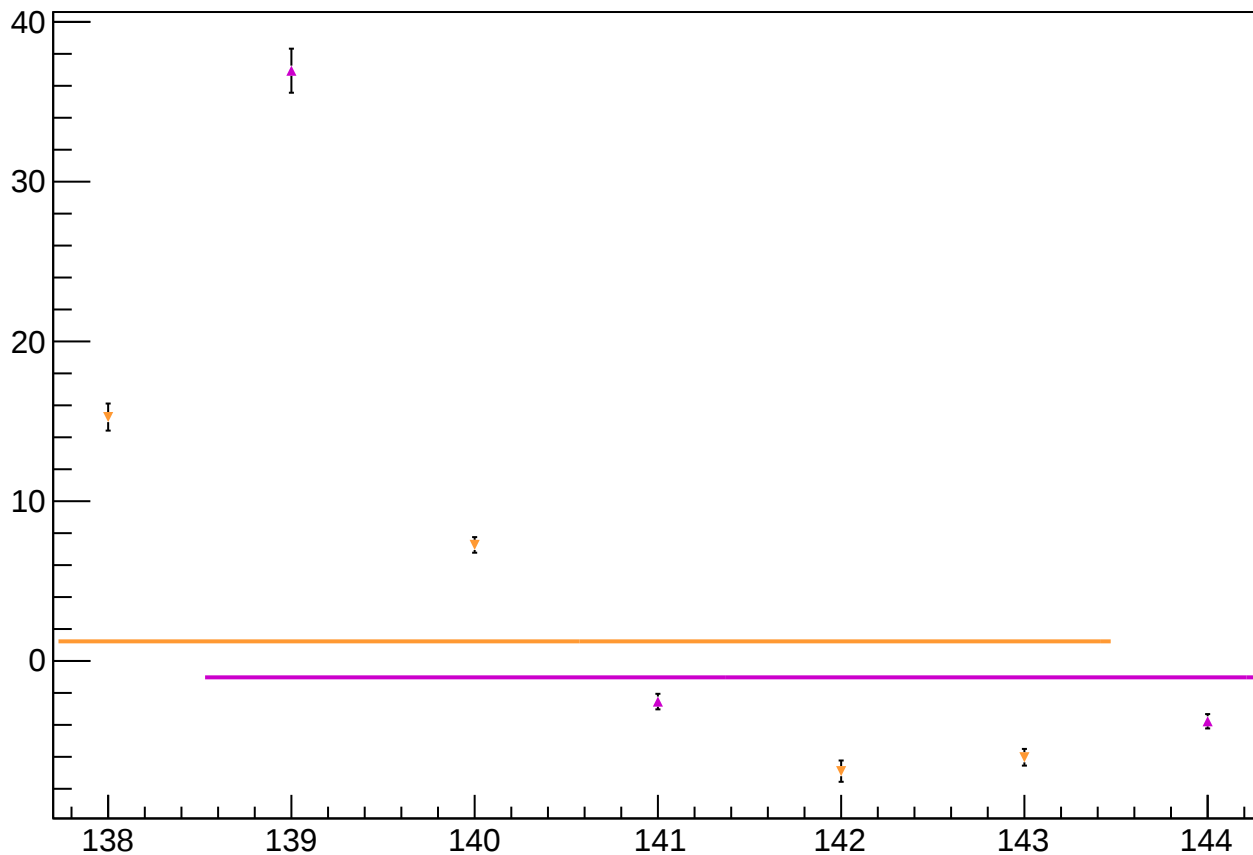
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.964+/-0.394 χ^2/NDF : 75.2/2

Out: -25.114+/-0.383 χ^2/NDF : 497.2/3

All: -20.188+/-0.275 χ^2/NDF : 913.8/6

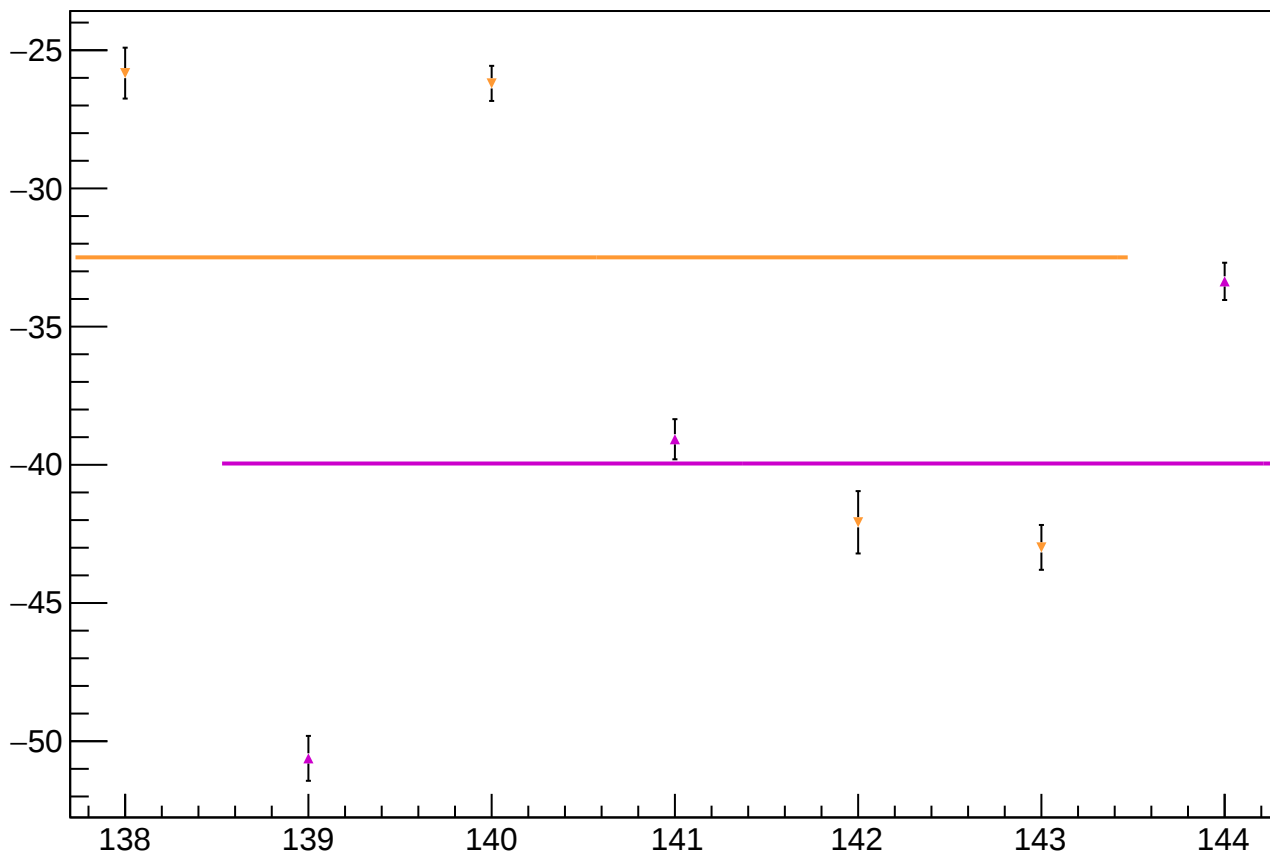
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -1.025+/-0.321 χ^2/NDF : 805.1/2

Left: 0.198+/-0.217 χ^2/NDF : 1600.1/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.025+/-0.321 χ^2/NDF : 805.1/2
 Out: 1.228+/-0.295 χ^2/NDF : 768.4/3
 All: 0.198+/-0.217 χ^2/NDF : 1600.1/6

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: -39.953+/-0.422 χ^2/NDF :269.6/2

Left: -36.110+/-0.294 χ^2/NDF : 820.6/6

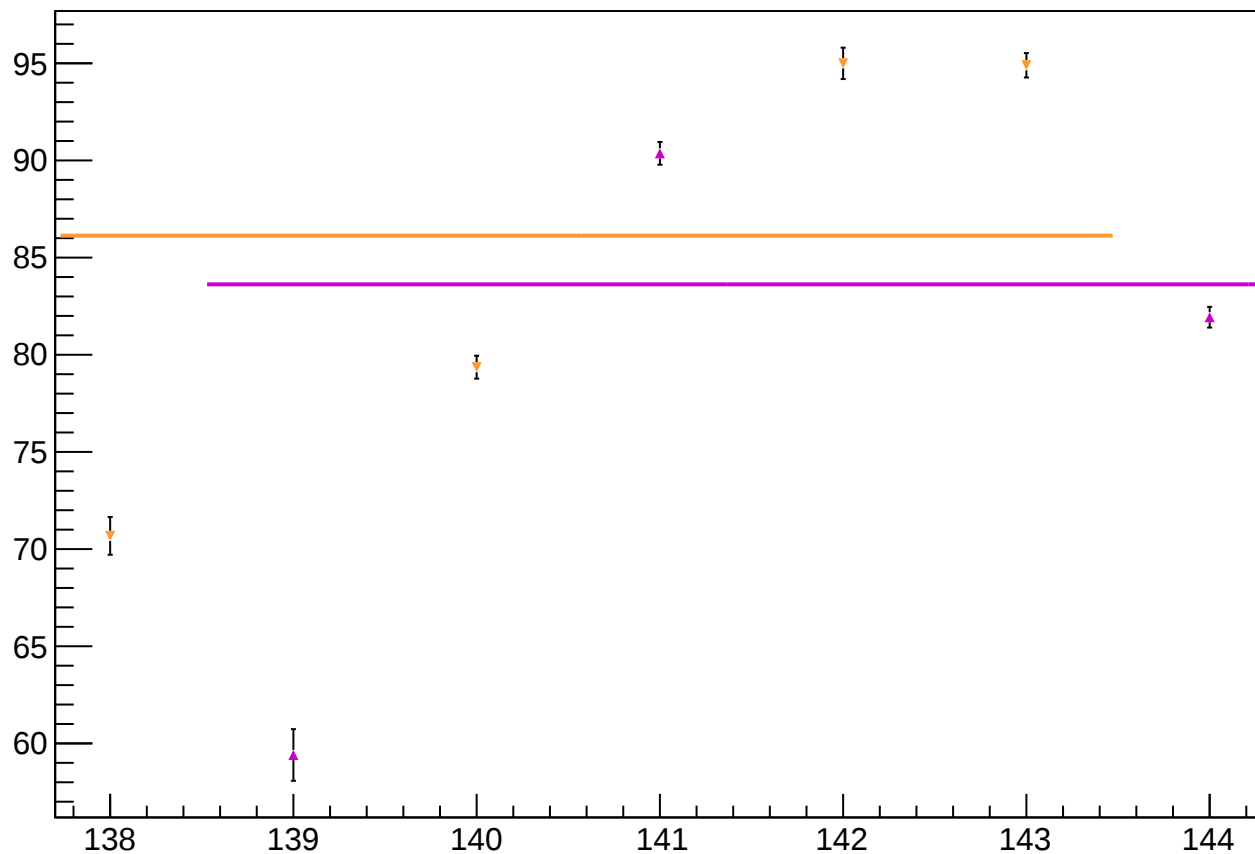
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.953+/-0.422 χ^2/NDF :269.6/2

Out: -32.494+/-0.409 χ^2/NDF :390.2/3

All: -36.110+/-0.294 χ^2/NDF : 820.6/6

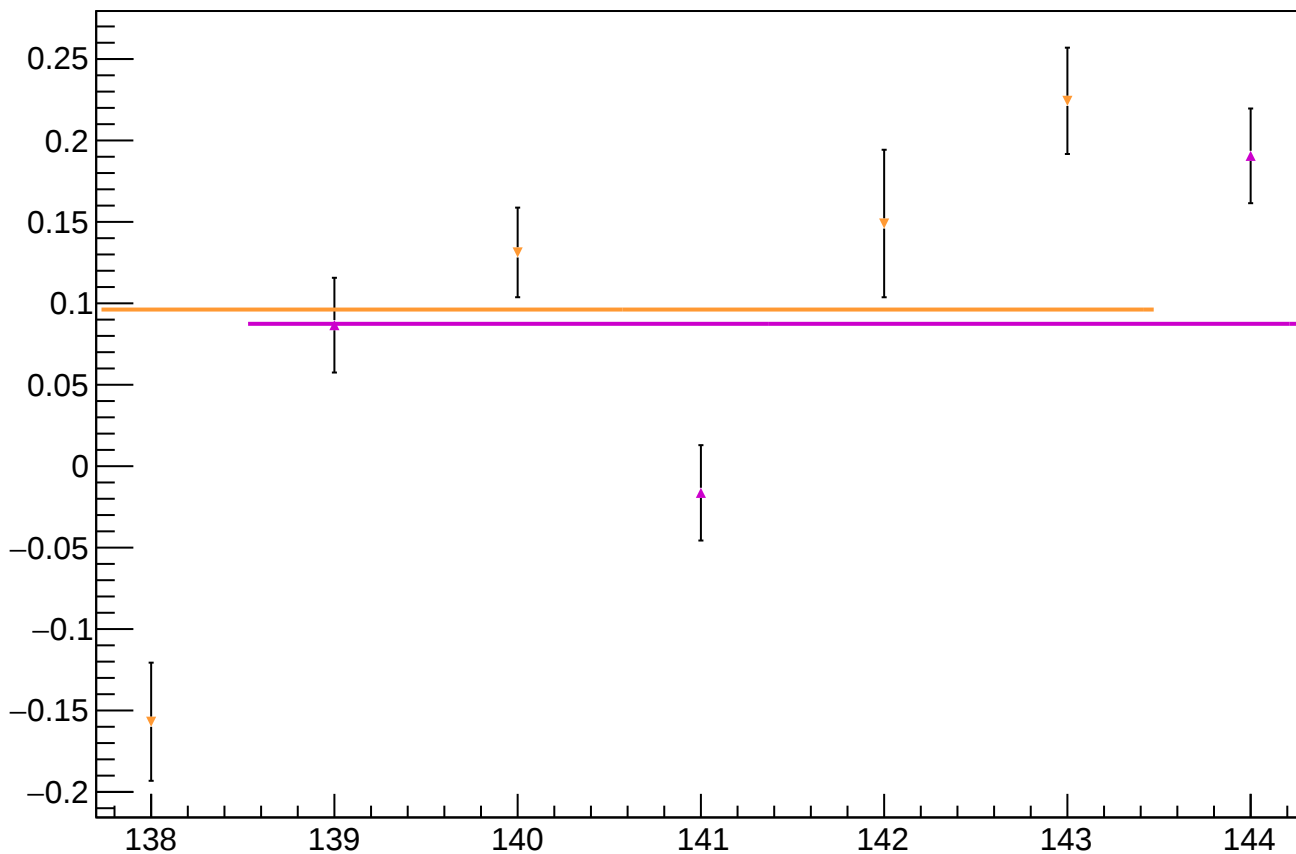
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 83.624+/-0.378 χ^2/NDF : 474.4/2

Left: 84.962+/-0.258 χ^2/NDF : 1198.7/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.624+/-0.378 χ^2/NDF : 474.4/2
 Out: 86.132+/-0.353 χ^2/NDF : 700.8/3
 All: 84.962+/-0.258 χ^2/NDF : 1198.7/6

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.096+/-0.017 χ^2/NDF : 67.1/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.087+/-0.017 χ^2/NDF : 25.2/2

Left: 0.092+/-0.012 χ^2/NDF : 92.4/6

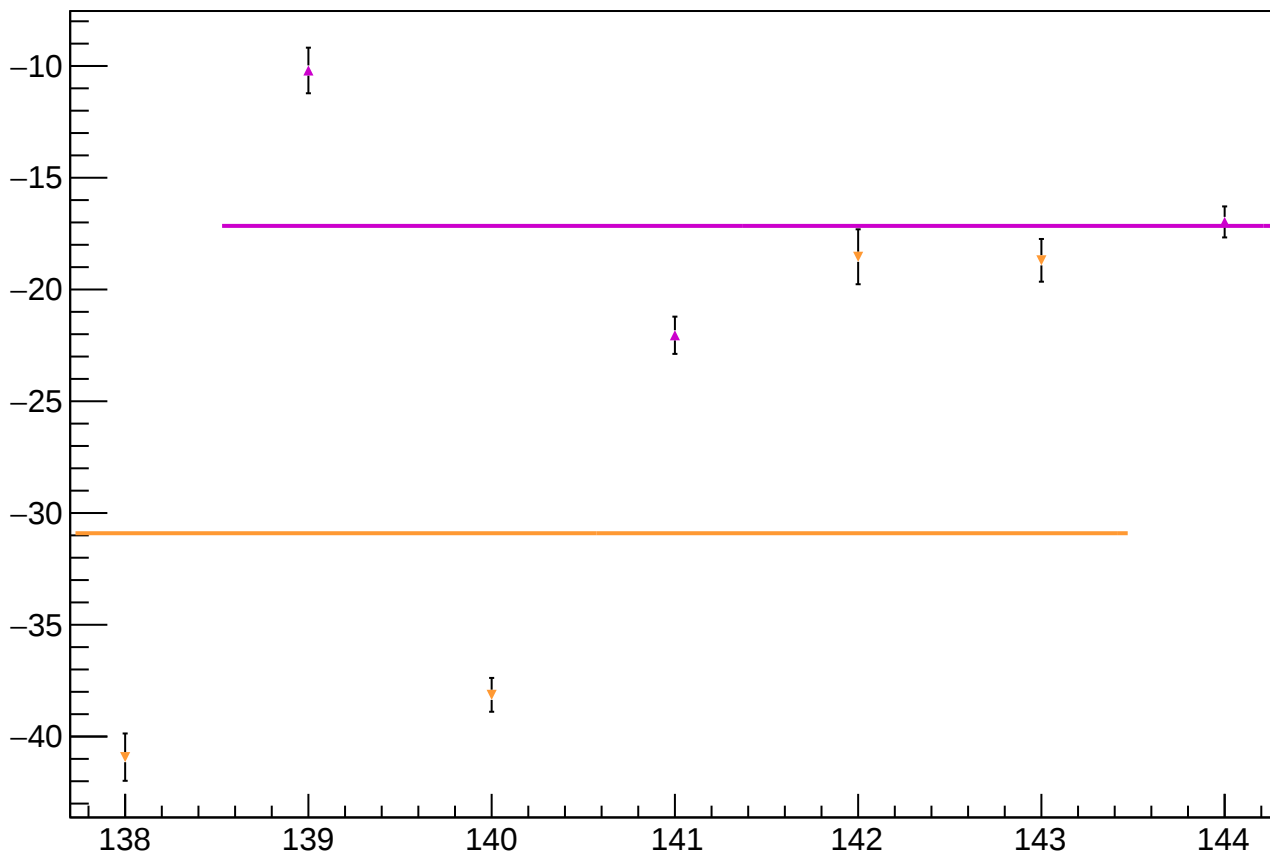
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.087+/-0.017 χ^2/NDF : 25.2/2

Out: 0.096+/-0.017 χ^2/NDF : 67.1/3

All: 0.092+/-0.012 χ^2/NDF : 92.4/6

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: -17.154+/-0.473 χ^2/NDF :81.0/2

Left: -23.965+/-0.336 χ^2/NDF : 945.8/6

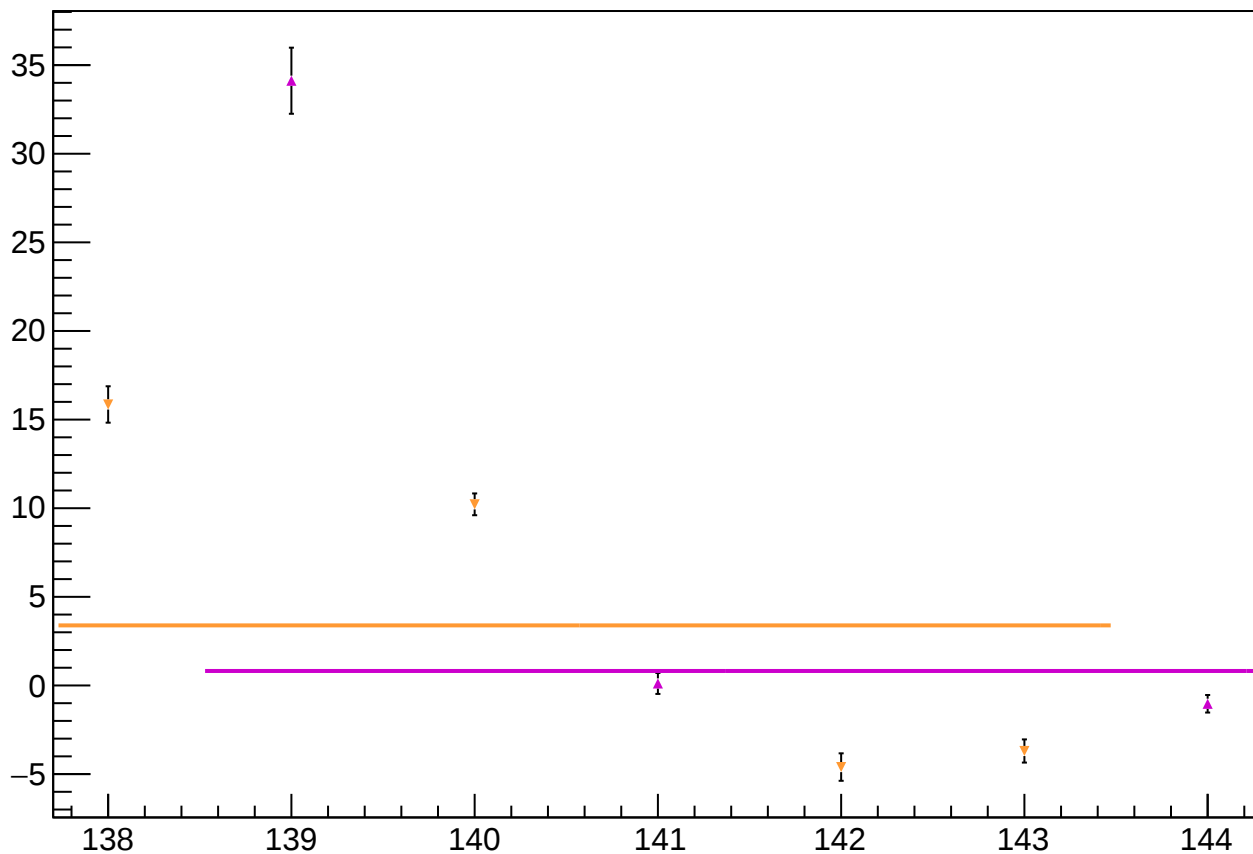
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.154+/-0.473 χ^2/NDF :81.0/2

Out: -30.904+/-0.477 χ^2/NDF :445.3/3

All: -23.965+/-0.336 χ^2/NDF : 945.8/6

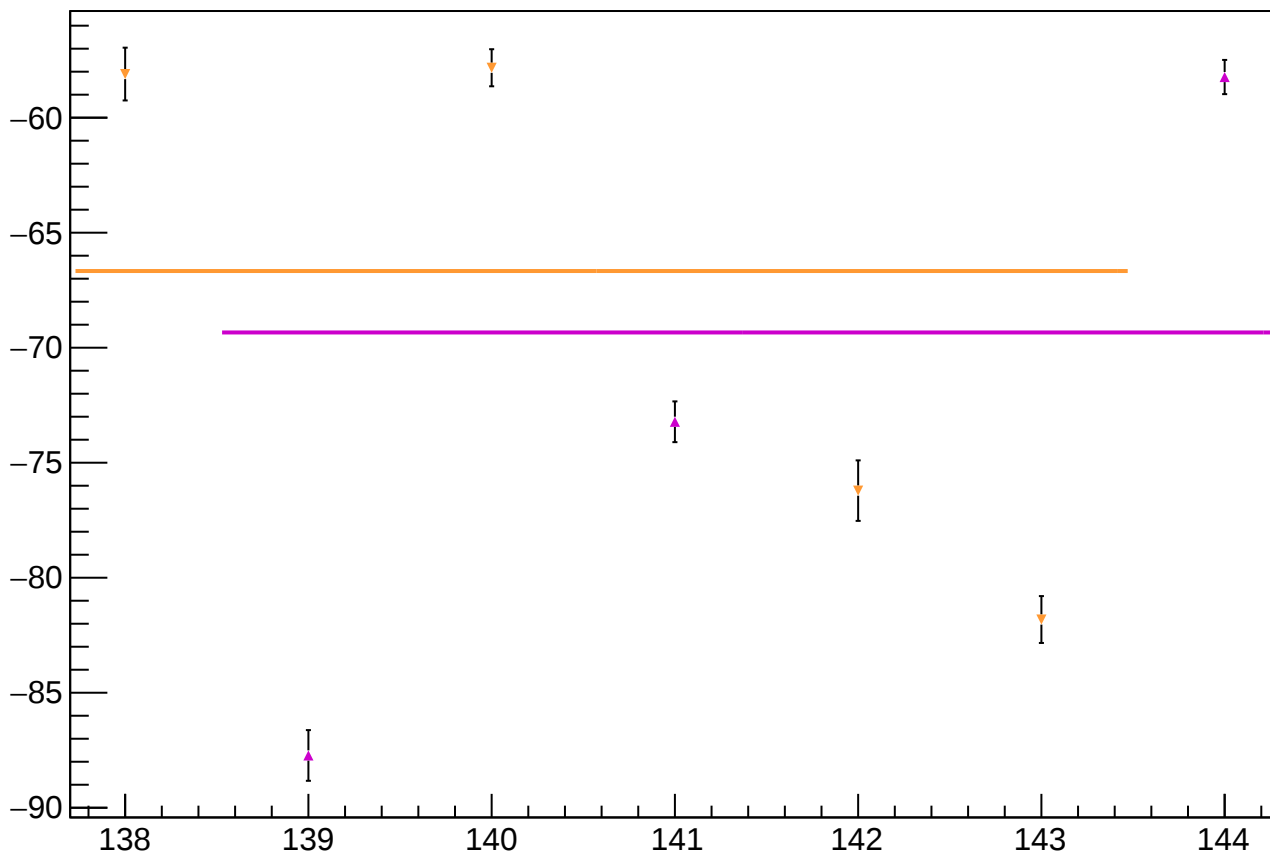
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 0.817+/-0.372 χ^2/NDF :334.3/2

Left: 2.135+/-0.260 χ^2/NDF : 853.6/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.817+/-0.372 χ^2/NDF :334.3/2
 Out: 3.389+/-0.363 χ^2/NDF :494.8/3
 All: 2.135+/-0.260 χ^2/NDF : 853.6/6

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: -69.337+/-0.506 χ^2/NDF : 520.7/2

Left: -68.013+/-0.359 χ^2/NDF : 984.2/6

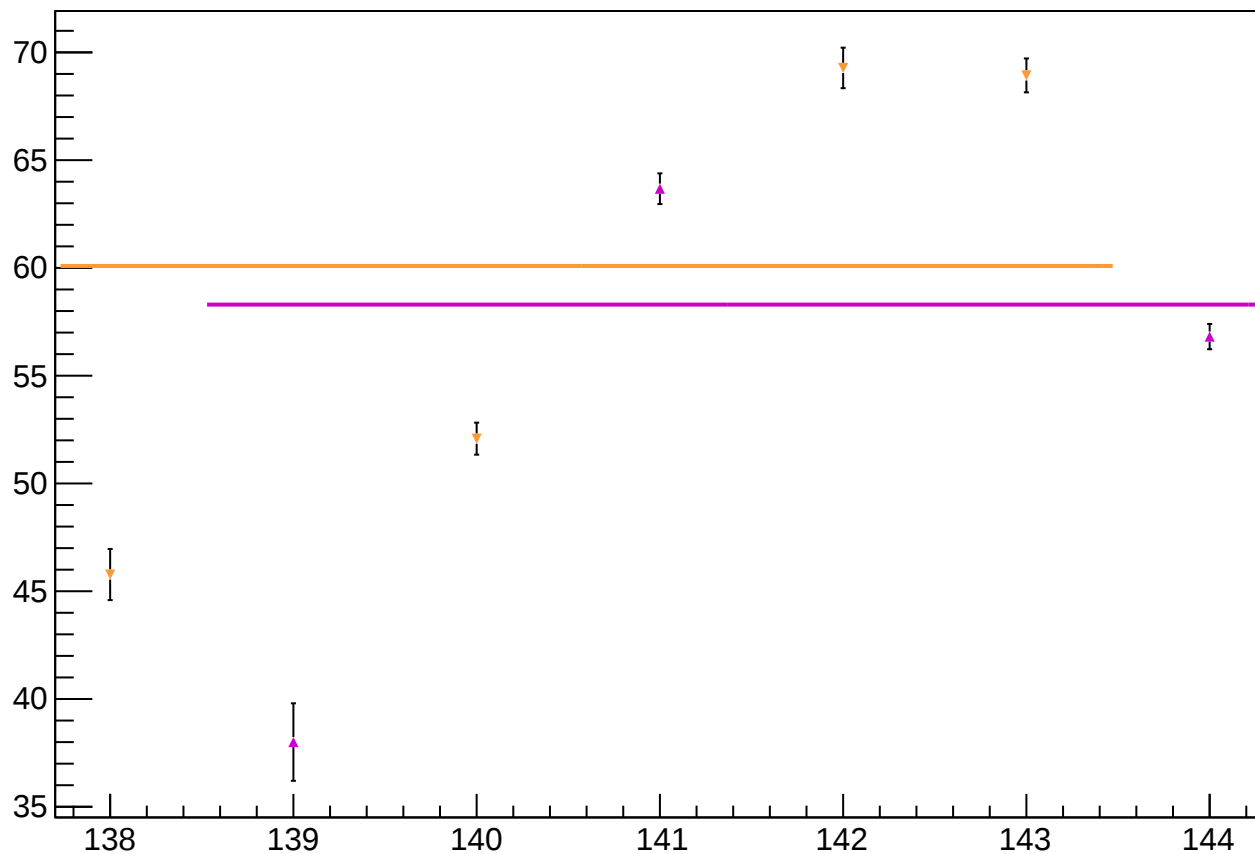
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.337+/-0.506 χ^2/NDF : 520.7/2

Out: -66.666+/-0.510 χ^2/NDF : 449.7/3

All: -68.013+/-0.359 χ^2/NDF : 984.2/6

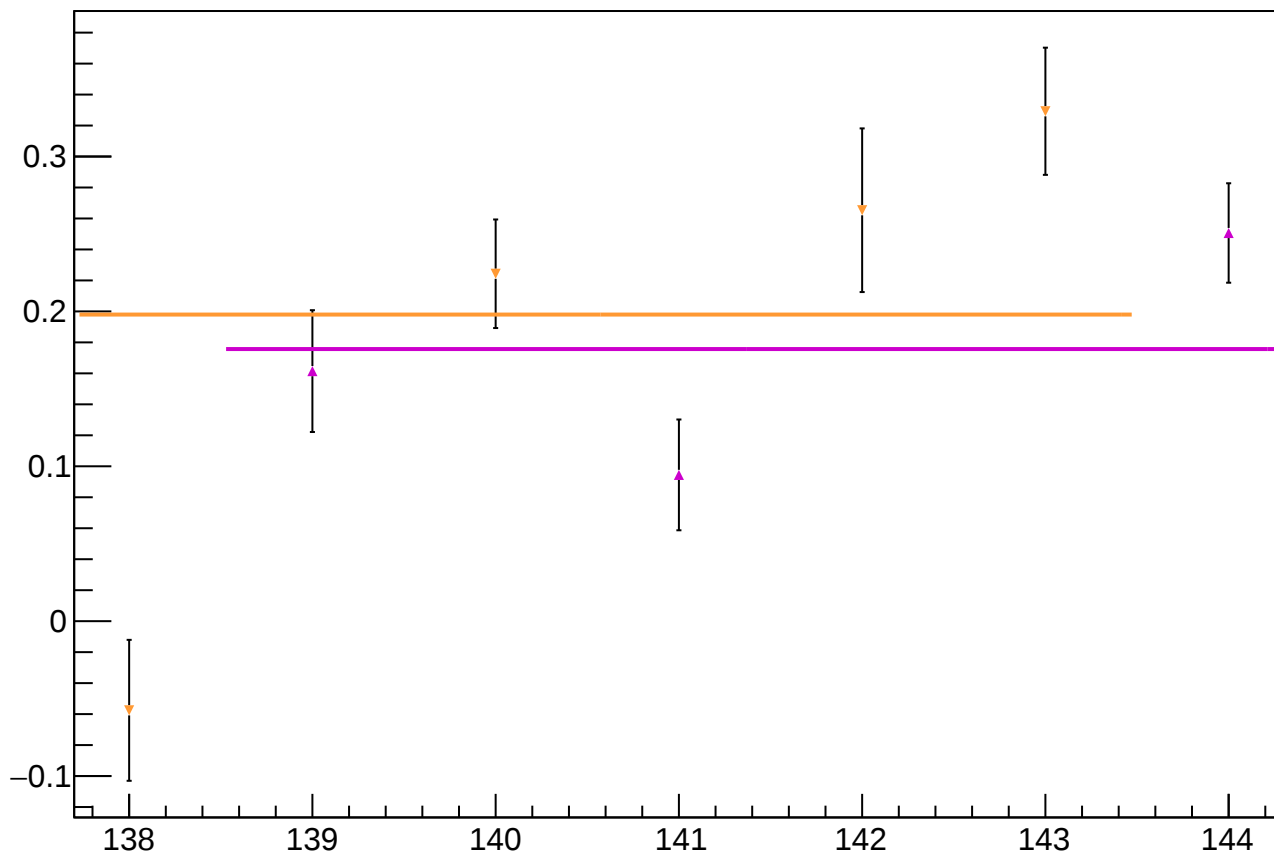
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 60.091 $\pm$ 0.436 χ^2 /NDF:484.1/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 58.299 $\pm$ 0.439 χ^2 /NDF:190.9/2

Left: 59.202 $\pm$ 0.309 χ^2 /NDF: 683.3/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 58.299 $\pm$ 0.439 χ^2 /NDF:190.9/2
 Out: 60.091 $\pm$ 0.436 χ^2 /NDF:484.1/3
 All: 59.202 $\pm$ 0.309 χ^2 /NDF: 683.3/6

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: 0.176 $\pm$ 0.020 χ^2 /NDF:10.7/2

Left: 0.186 $\pm$ 0.015 χ^2 /NDF: 55.3/6

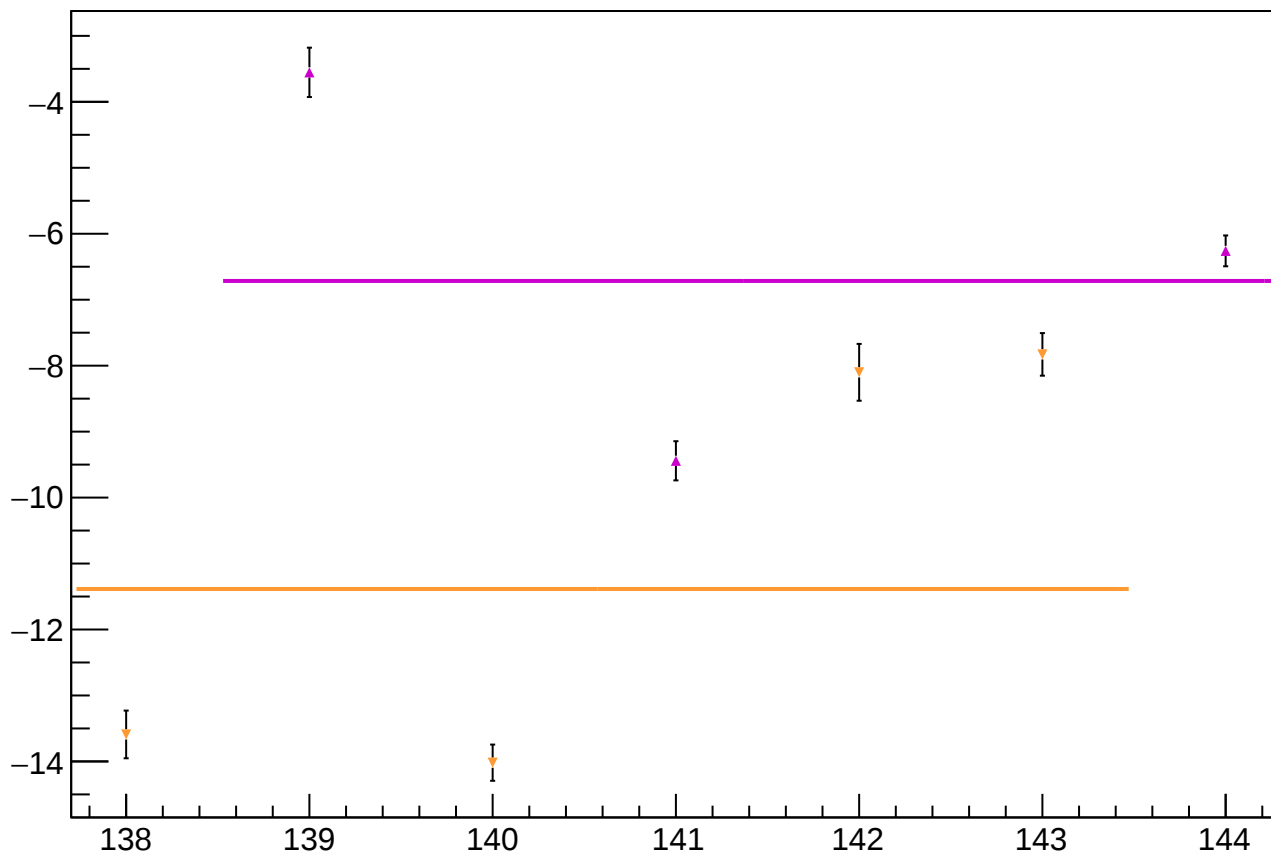
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.176 $\pm$ 0.020 χ^2 /NDF:10.7/2

Out: 0.198 $\pm$ 0.021 χ^2 /NDF:44.0/3

All: 0.186 $\pm$ 0.015 χ^2 /NDF: 55.3/6

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: -6.716+/-0.165 χ^2/NDF :159.6/2

Left: -9.022+/-0.117 χ^2/NDF : 864.4/6

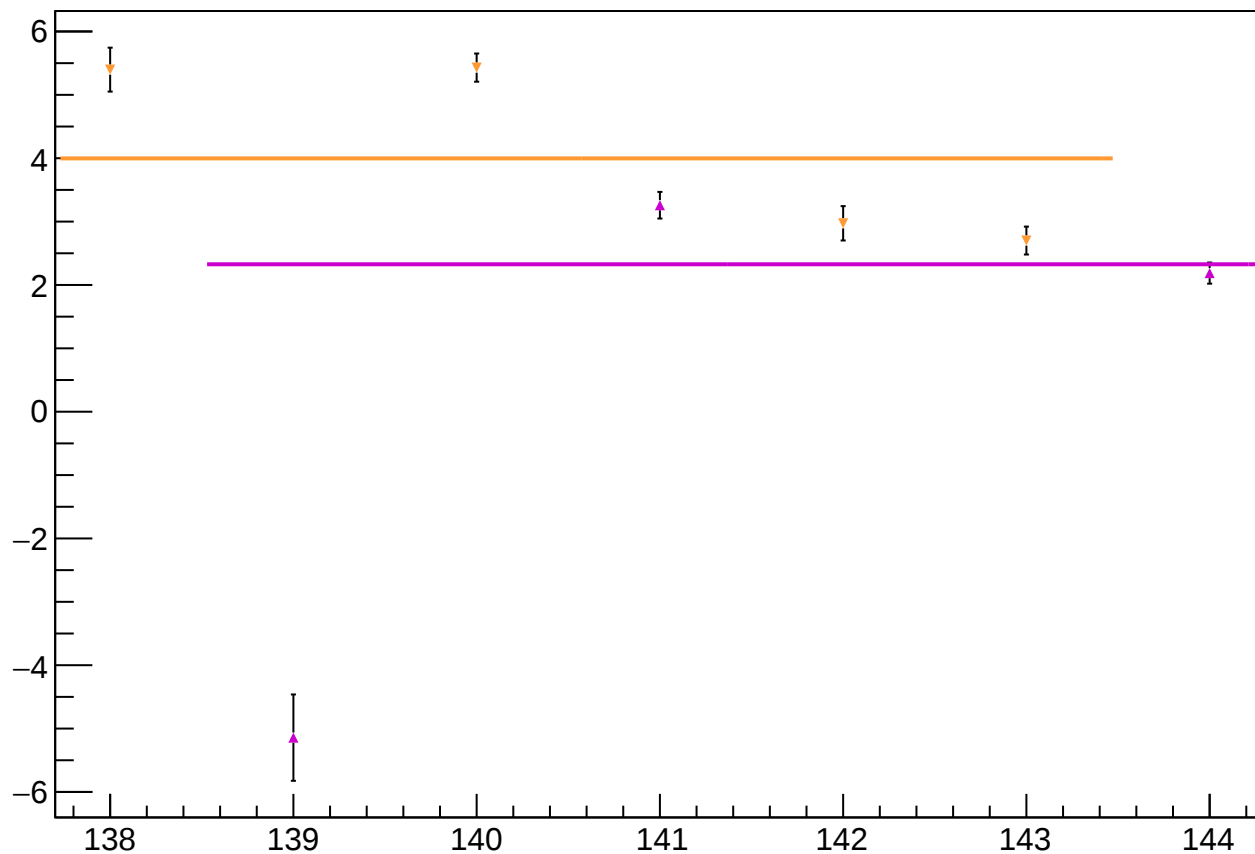
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.716+/-0.165 χ^2/NDF :159.6/2

Out: -11.385+/-0.167 χ^2/NDF :308.7/3

All: -9.022+/-0.117 χ^2/NDF : 864.4/6

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: 2.327+/-0.128 χ^2/NDF :140.6/2

Left: 3.175+/-0.090 χ^2/NDF : 333.6/6

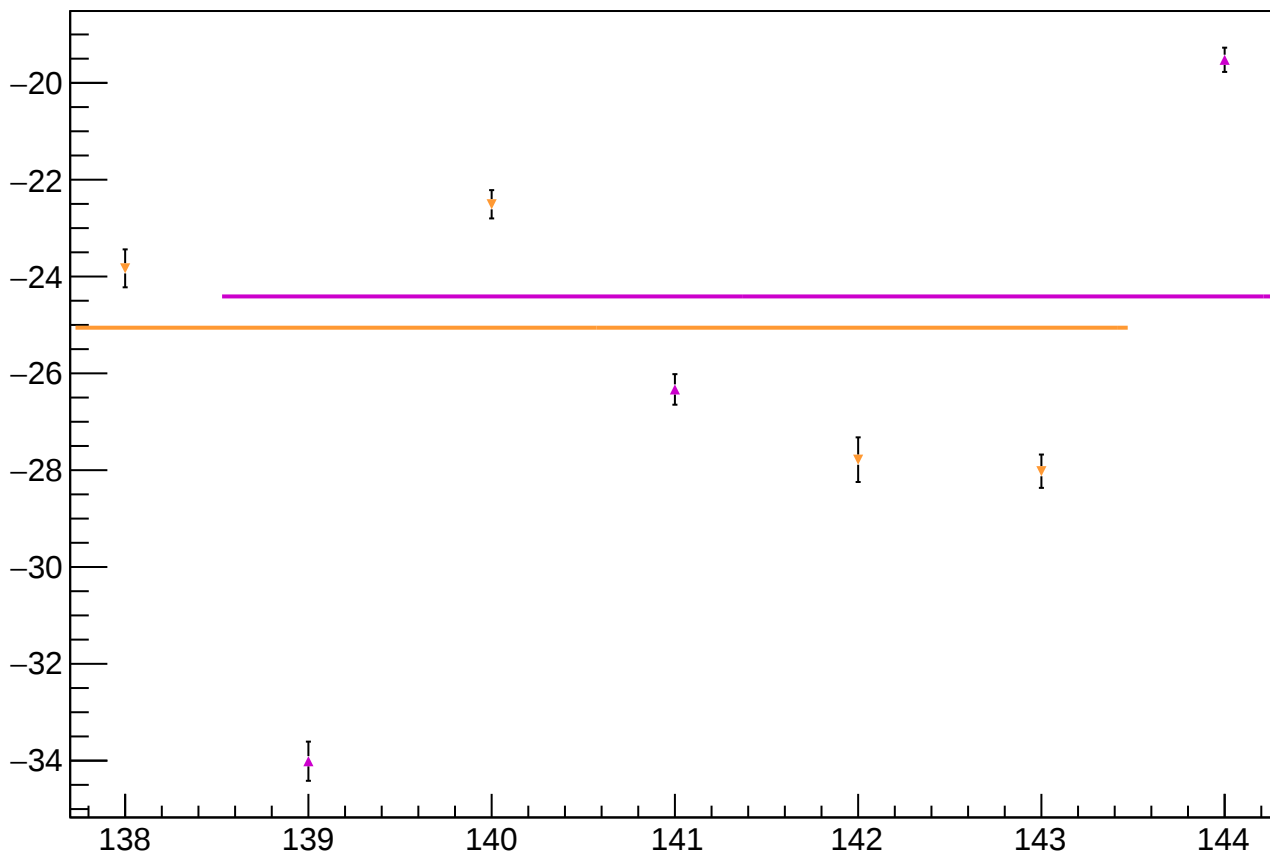
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.327+/-0.128 χ^2/NDF :140.6/2

Out: 3.997+/-0.126 χ^2/NDF :106.8/3

All: 3.175+/-0.090 χ^2/NDF : 333.6/6

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: -24.411+/-0.177 χ^2/NDF :981.0/2

Left: -24.731+/-0.126 χ^2/NDF : 1182.6/6

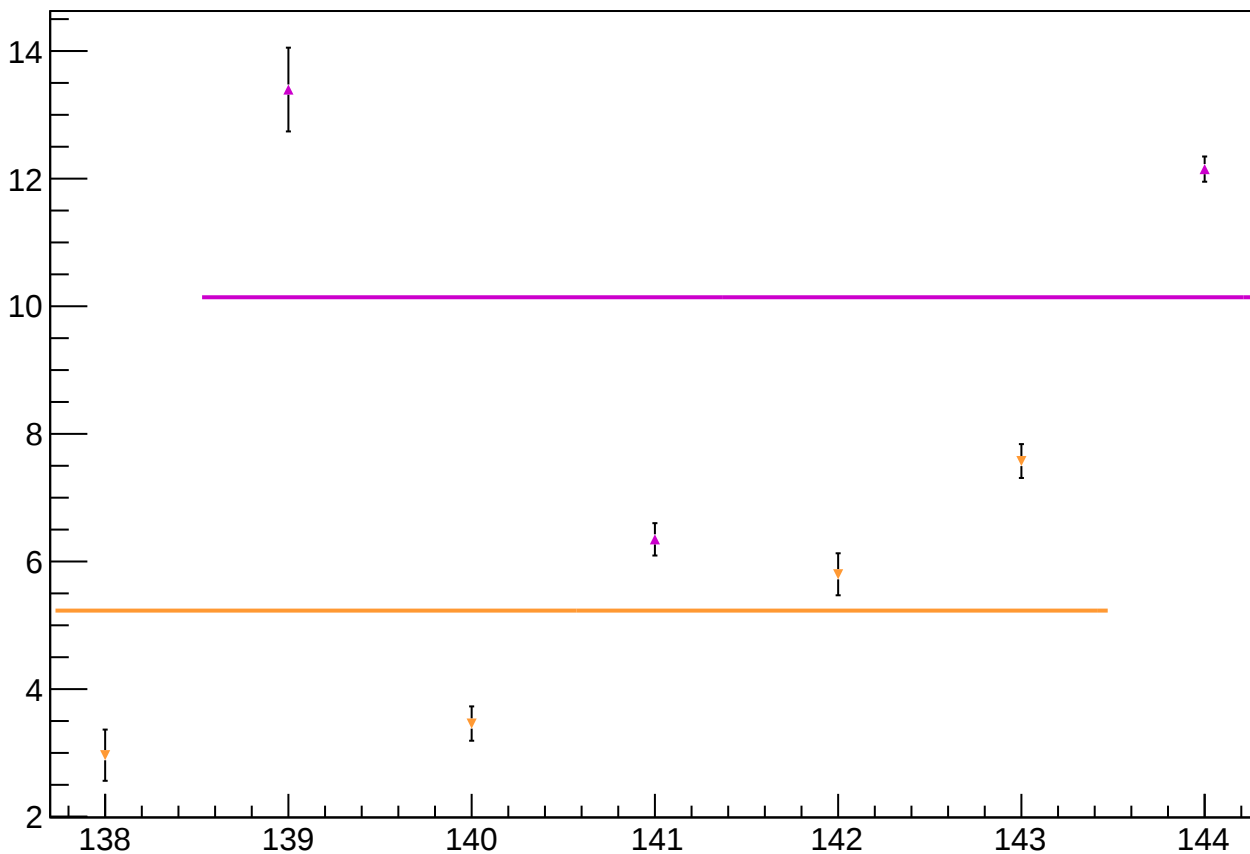
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.411+/-0.177 χ^2/NDF :981.0/2

Out: -25.057+/-0.179 χ^2/NDF :194.9/3

All: -24.731+/-0.126 χ^2/NDF : 1182.6/6

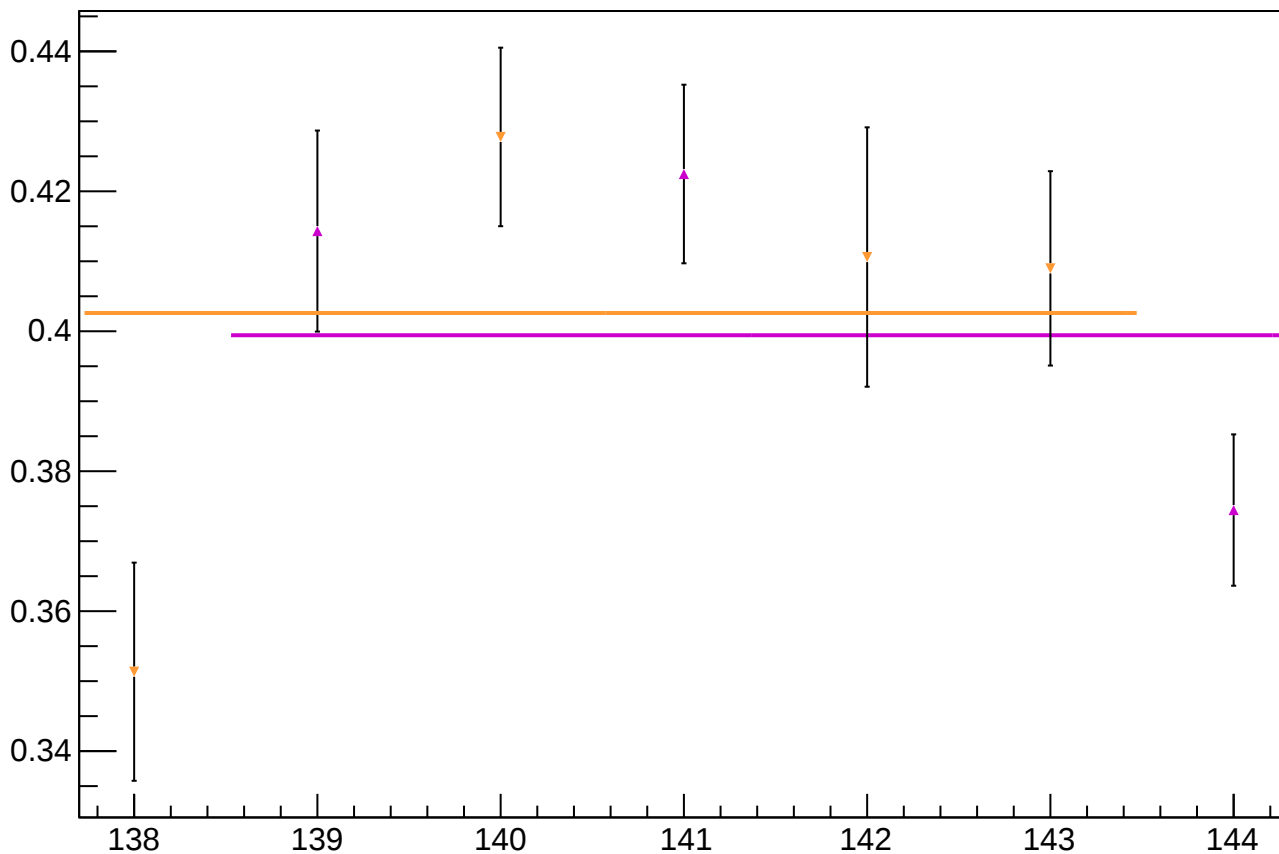
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 10.141+/-0.152 χ^2/NDF :351.6/2

Left: 7.686+/-0.107 χ^2/NDF : 1031.8/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.141+/-0.152 χ^2/NDF :351.6/2
 Out: 5.230+/-0.152 χ^2/NDF :156.2/3
 All: 7.686+/-0.107 χ^2/NDF : 1031.8/6

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: 0.399 $\pm$ 0.007 χ^2 /NDF:9.7/2

Left: 0.401 $\pm$ 0.005 χ^2 /NDF: 24.9/6

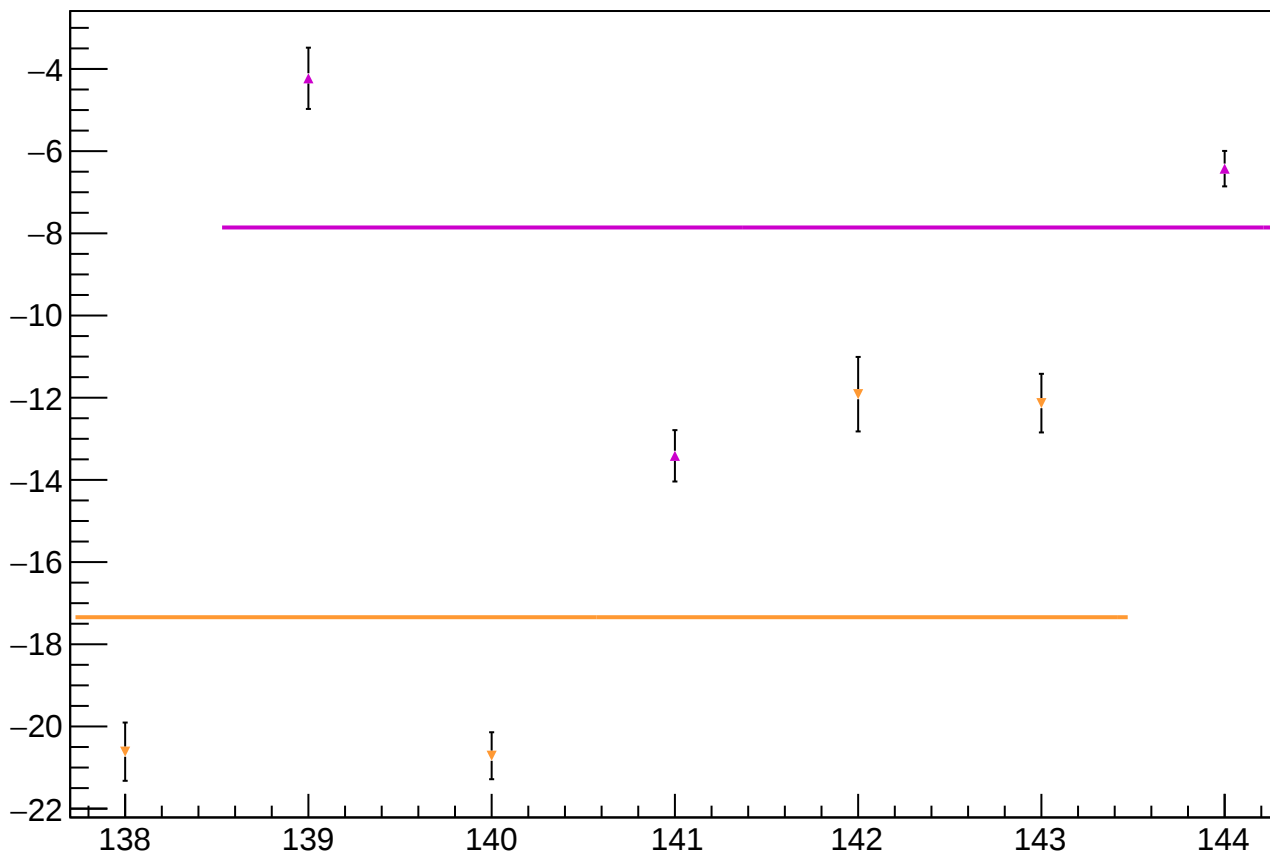
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.399 $\pm$ 0.007 χ^2 /NDF:9.7/2

Out: 0.403 $\pm$ 0.007 χ^2 /NDF:15.1/3

All: 0.401 $\pm$ 0.005 χ^2 /NDF: 24.9/6

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: -7.858+/-0.321 χ^2/NDF :113.7/2

Left: -12.205+/-0.236 χ^2/NDF : 660.2/6

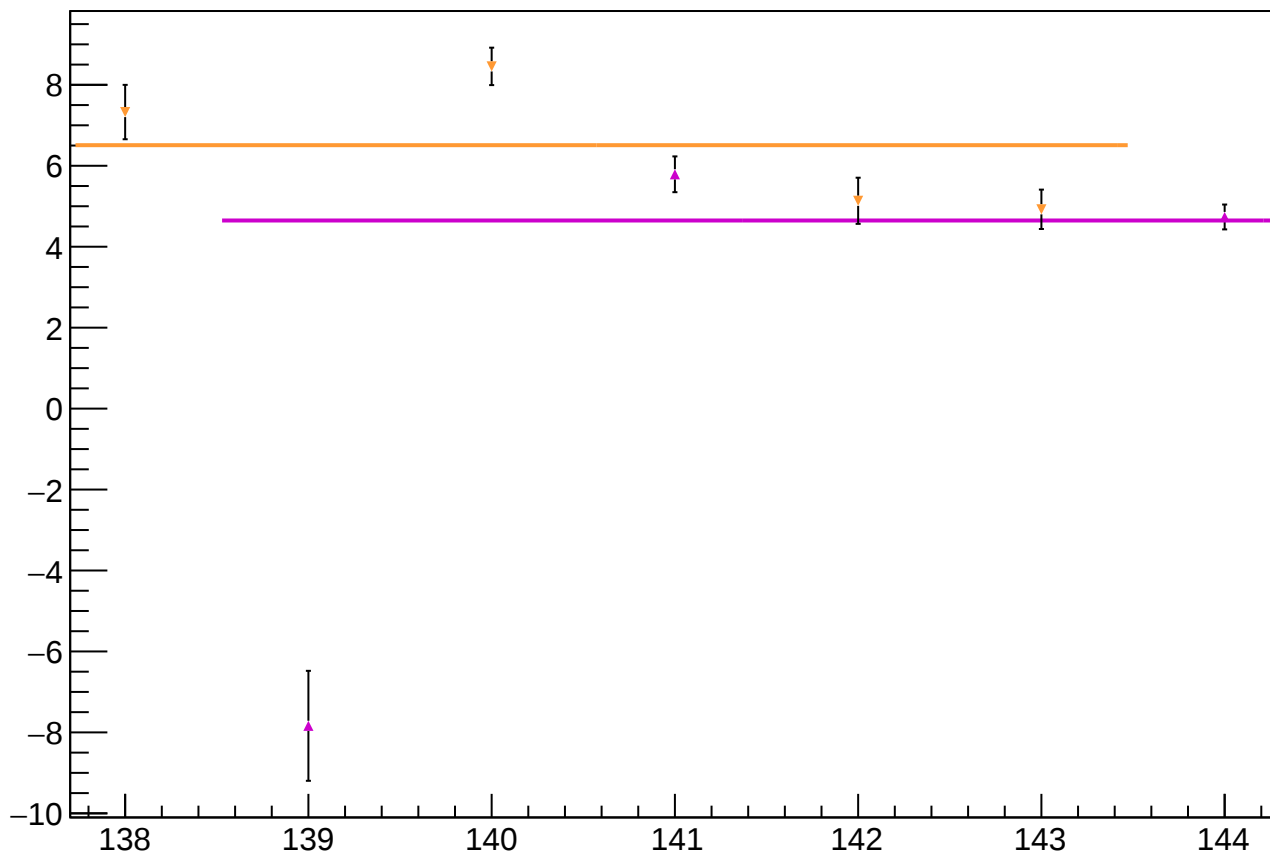
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.858+/-0.321 χ^2/NDF :113.7/2

Out: -17.341+/-0.348 χ^2/NDF :145.3/3

All: -12.205+/-0.236 χ^2/NDF : 660.2/6

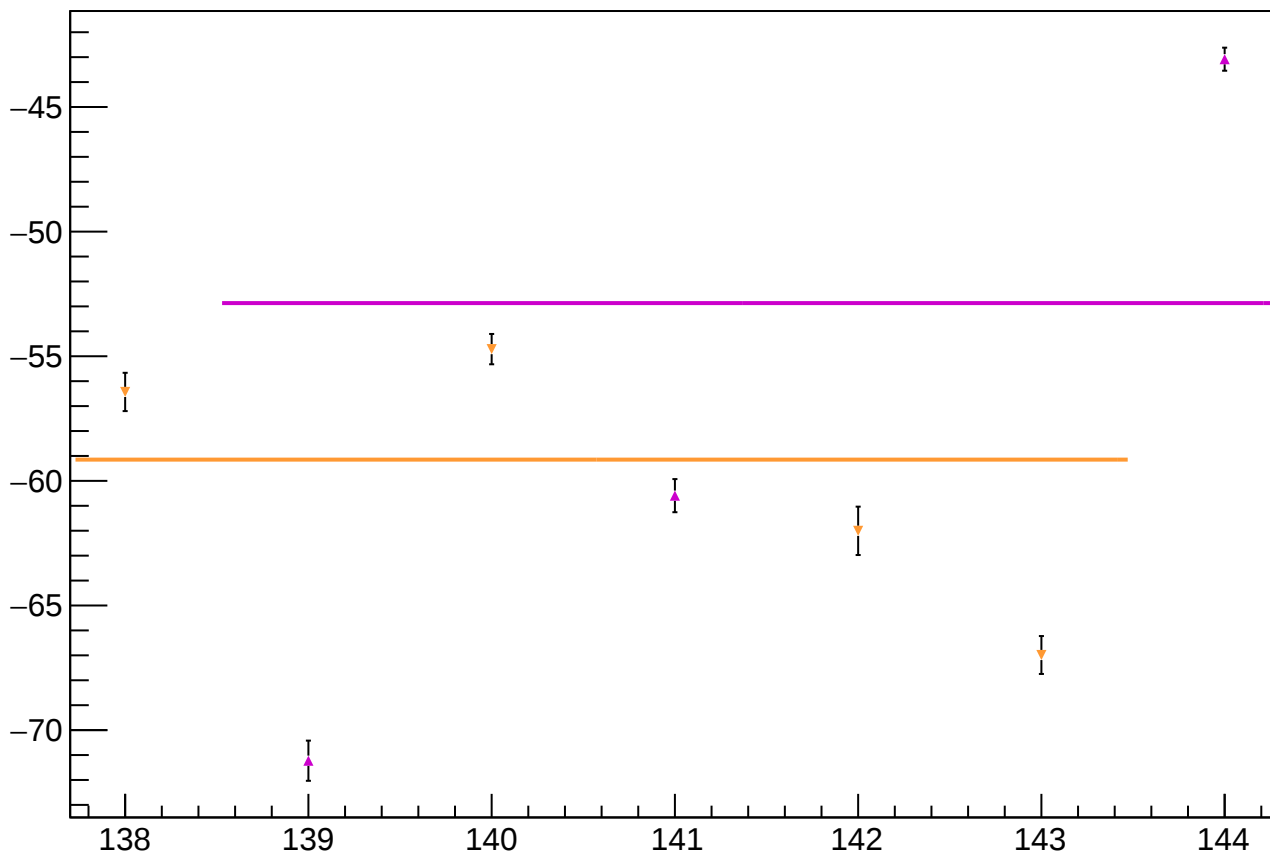
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 4.648 $\pm$ 0.248 χ^2 /NDF:91.2/2

Left: 5.516 $\pm$ 0.181 χ^2 /NDF: 153.1/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.648 $\pm$ 0.248 χ^2 /NDF:91.2/2
 Out: 6.509 $\pm$ 0.265 χ^2 /NDF:35.6/3
 All: 5.516 $\pm$ 0.181 χ^2 /NDF: 153.1/6

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: -52.867+/-0.343 χ^2/NDF :1101.7/2

Left: -55.749+/-0.253 χ^2/NDF : 1435.6/6

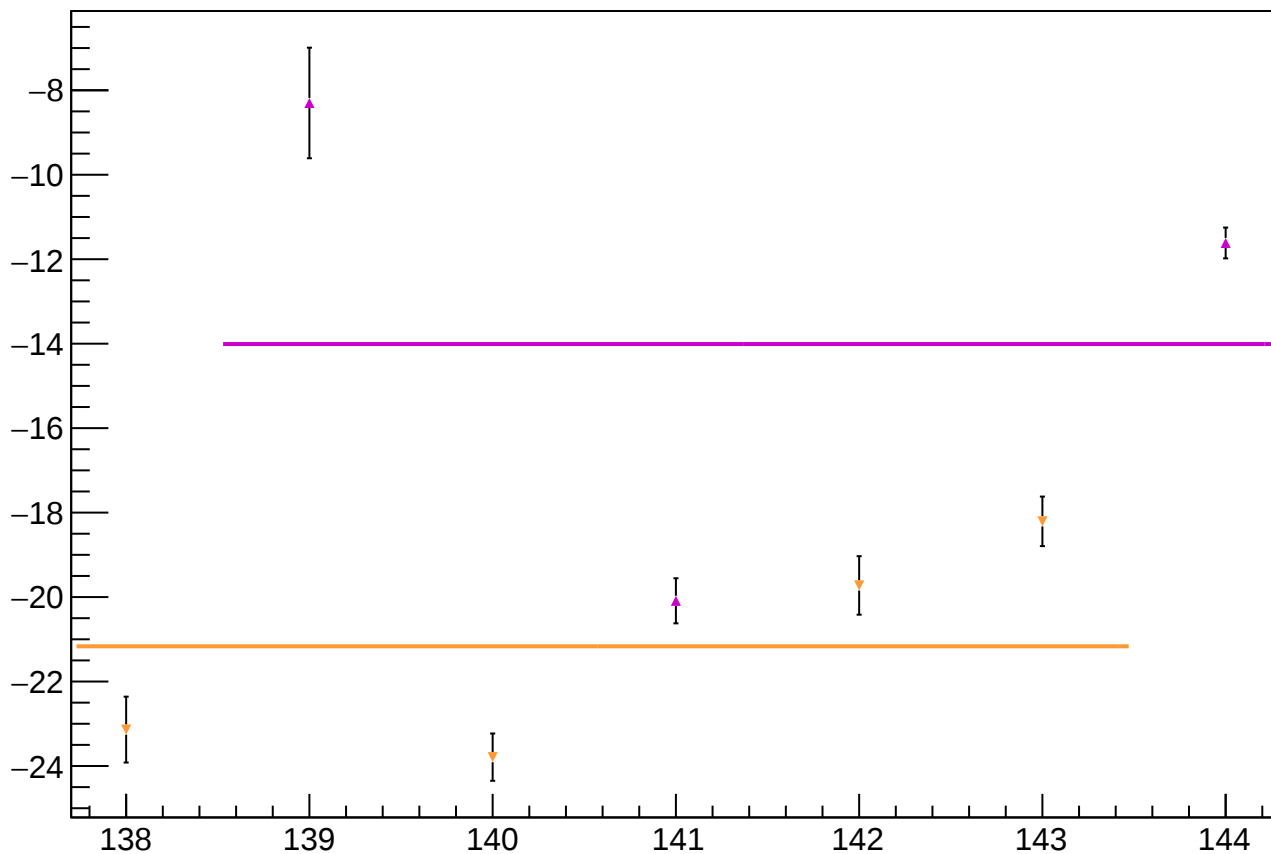
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.867+/-0.343 χ^2/NDF :1101.7/2

Out: -59.147+/-0.373 χ^2/NDF :180.5/3

All: -55.749+/-0.253 χ^2/NDF : 1435.6/6

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: -14.009+/-0.293 χ^2/NDF :191.8/2

Left: -17.289+/-0.216 χ^2/NDF : 522.5/6

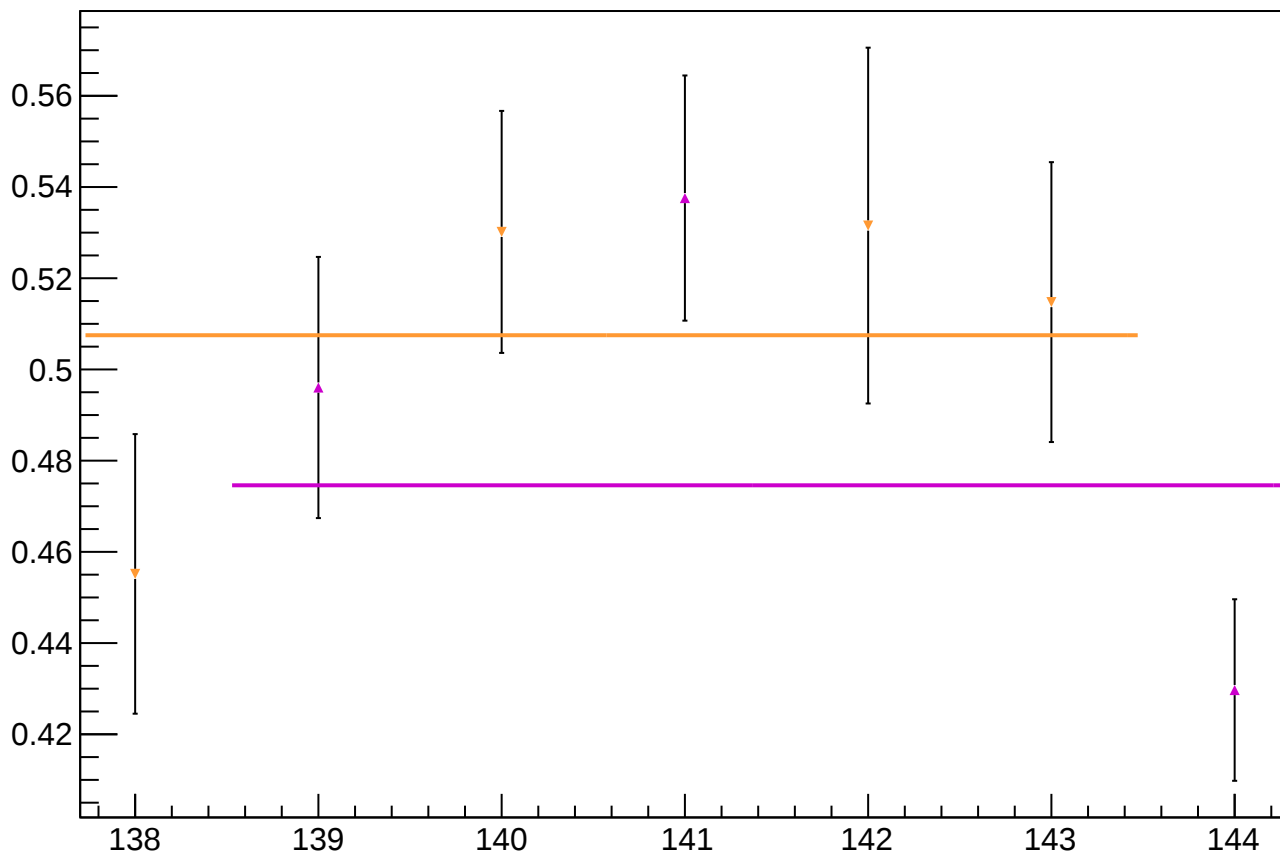
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.009+/-0.293 χ^2/NDF :191.8/2

Out: -21.166+/-0.319 χ^2/NDF :58.2/3

All: -17.289+/-0.216 χ^2/NDF : 522.5/6

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: 0.475 $\pm$ 0.014 χ^2 /NDF:11.1/2

Left: 0.489 $\pm$ 0.010 χ^2 /NDF: 17.7/6

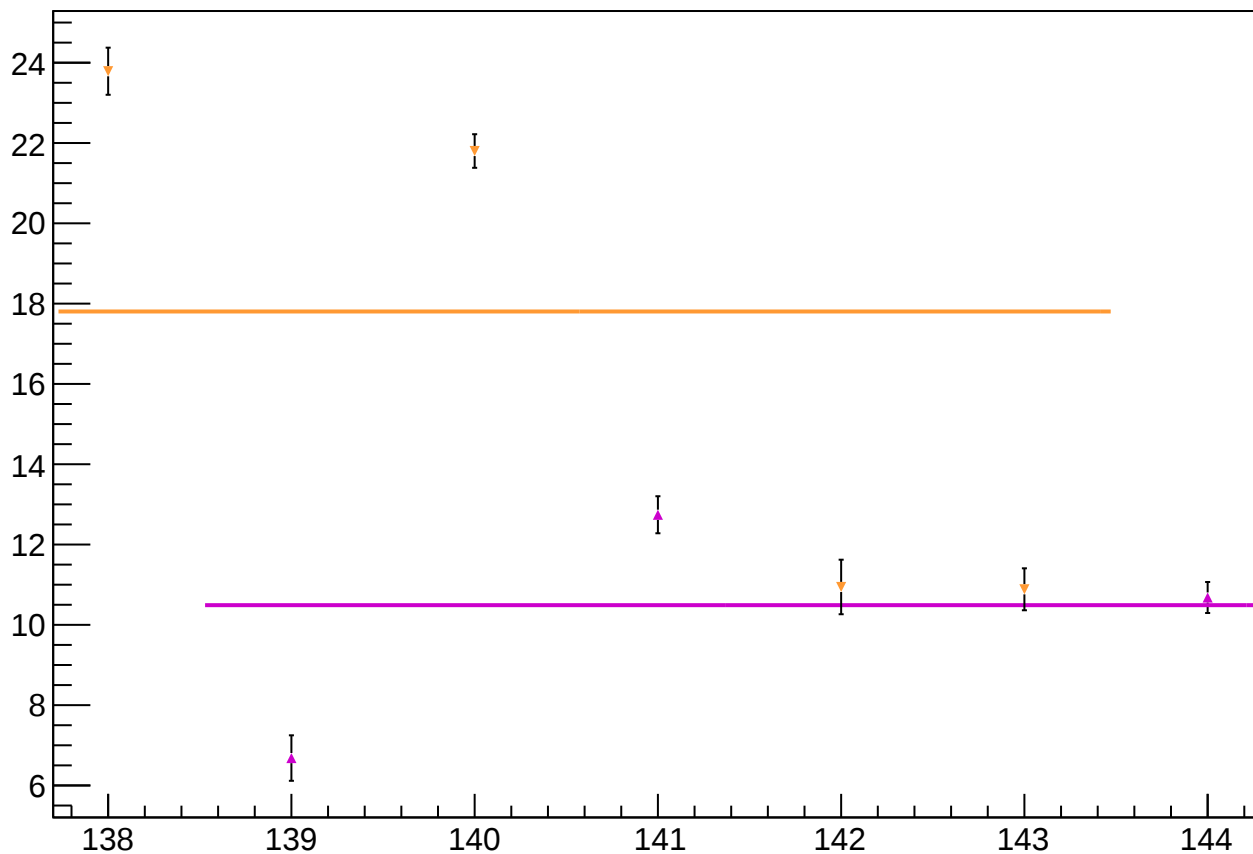
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.475 $\pm$ 0.014 χ^2 /NDF:11.1/2

Out: 0.508 $\pm$ 0.015 χ^2 /NDF:4.1/3

All: 0.489 $\pm$ 0.010 χ^2 /NDF: 17.7/6

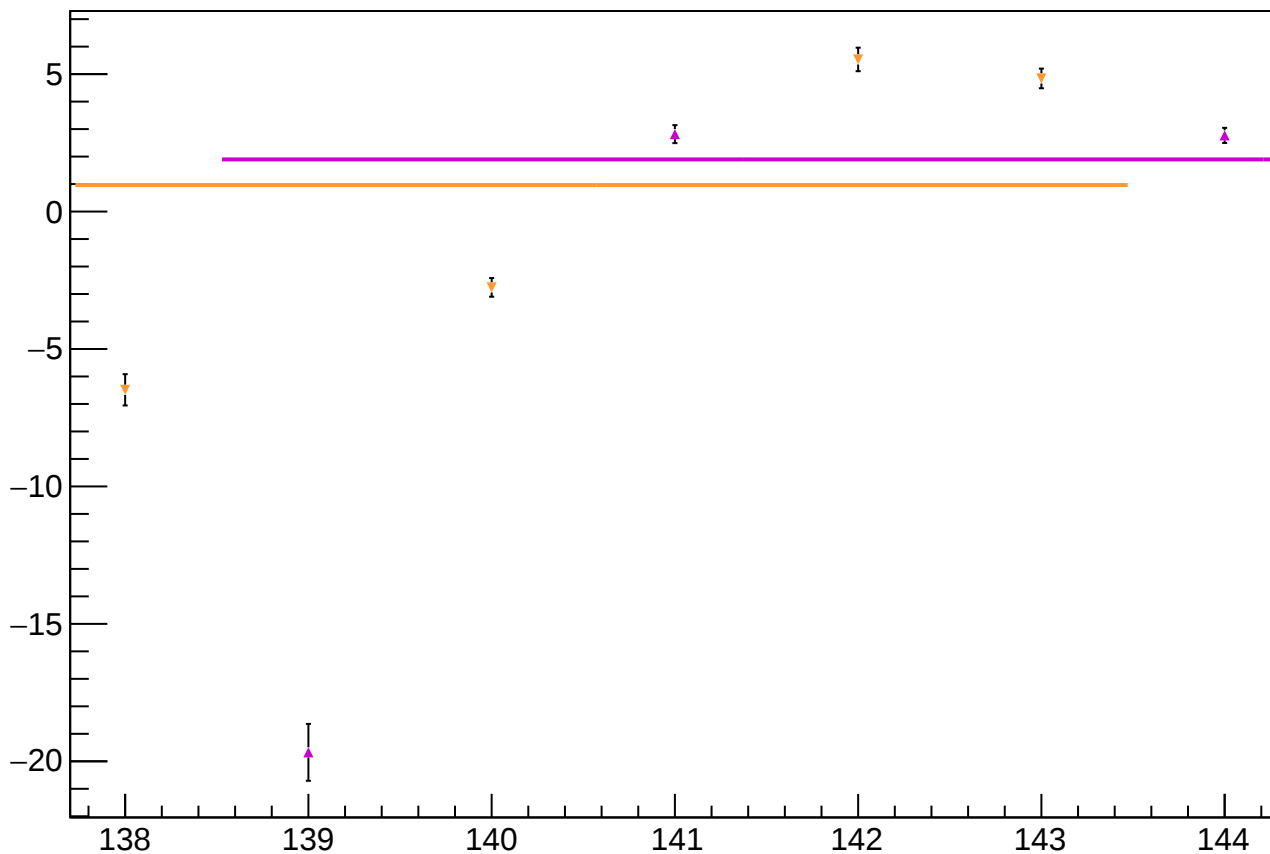
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 10.490+/-0.262 χ^2/NDF :69.3/2

Left: 14.138+/-0.186 χ^2/NDF : 929.6/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.490+/-0.262 χ^2/NDF :69.3/2
 Out: 17.804+/-0.263 χ^2/NDF :472.8/3
 All: 14.138+/-0.186 χ^2/NDF : 929.6/6

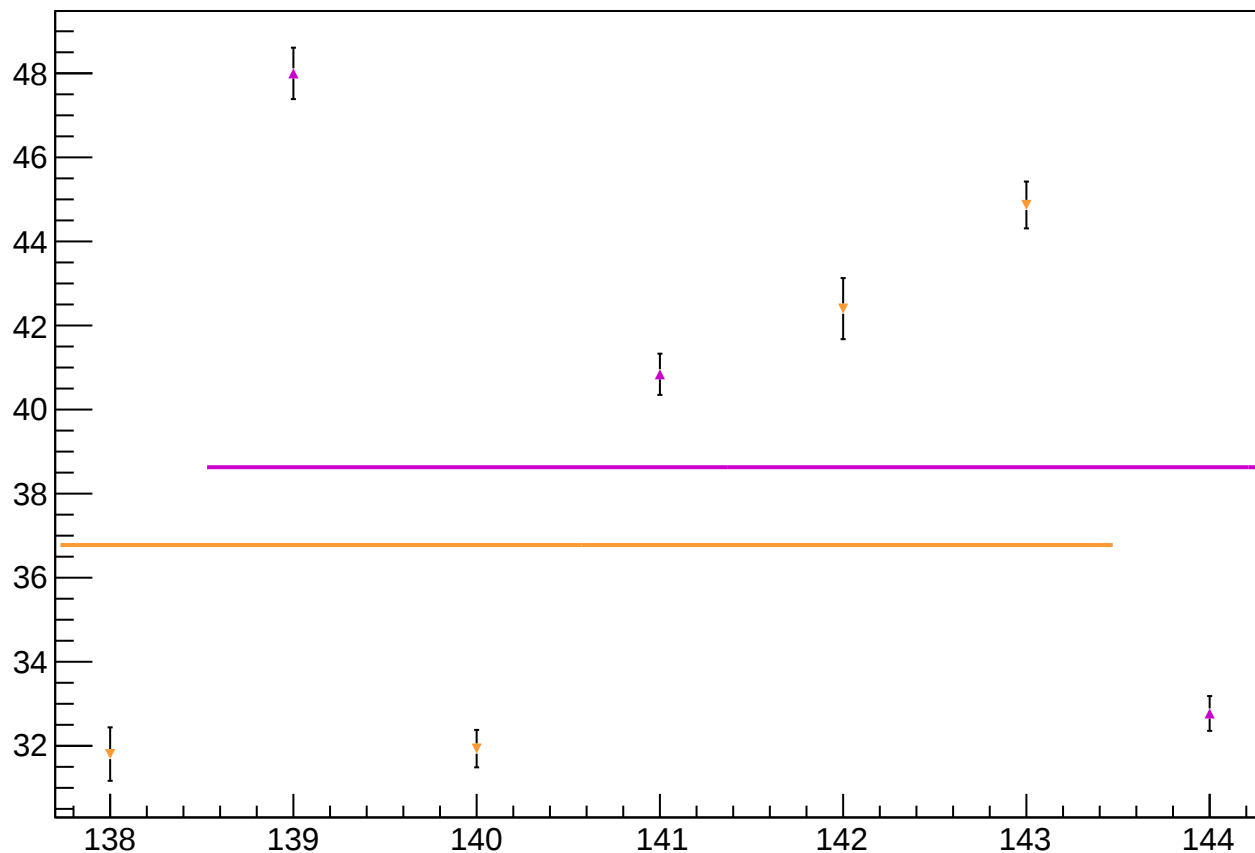
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 1.897+/-0.206 χ^2/NDF :452.1/2

Left: 1.416+/-0.144 χ^2/NDF : 986.0/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.897+/-0.206 χ^2/NDF :452.1/2
 Out: 0.965+/-0.200 χ^2/NDF :523.3/3
 All: 1.416+/-0.144 χ^2/NDF : 986.0/6

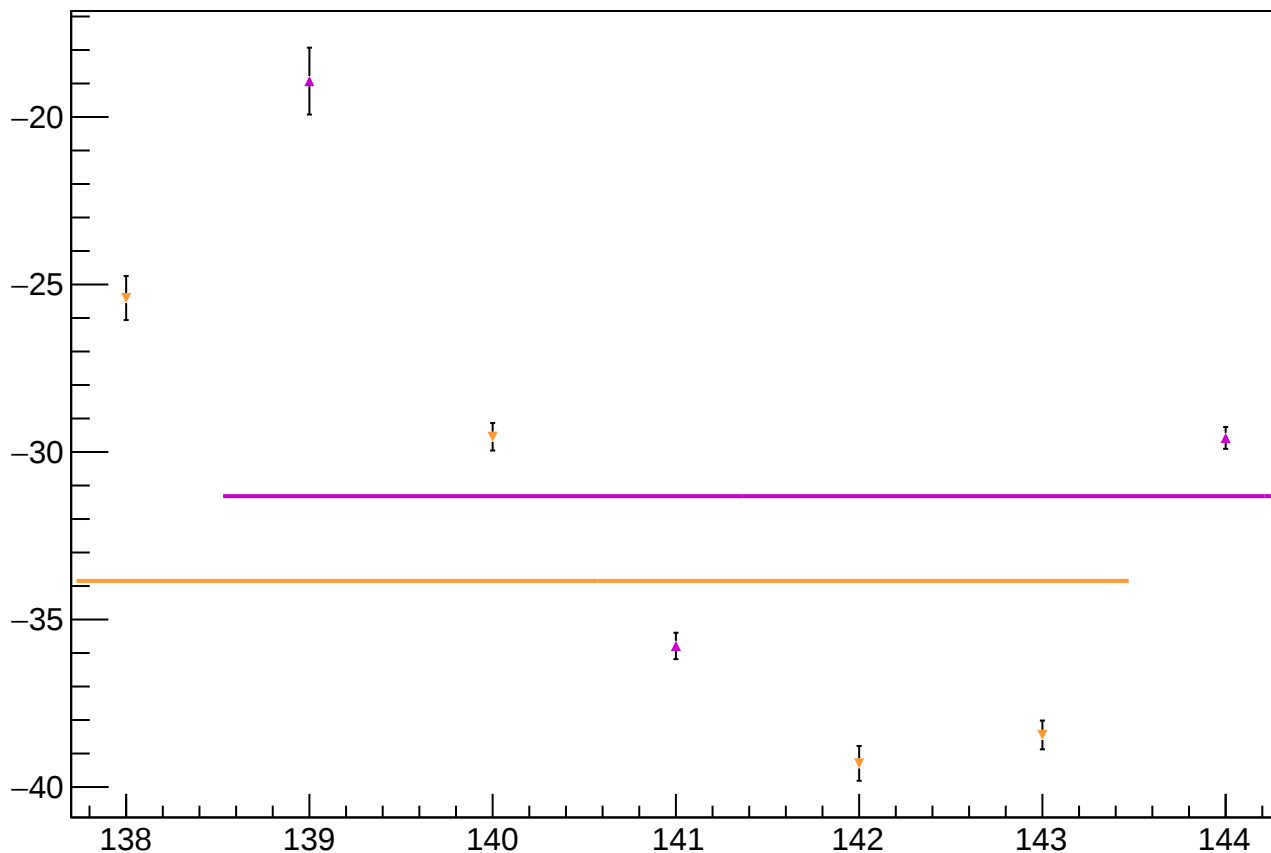
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 38.628+/-0.281 χ^2/NDF :455.2/2

Left: 37.704+/-0.199 χ^2/NDF : 927.1/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 38.628+/-0.281 χ^2/NDF :455.2/2
 Out: 36.777+/-0.281 χ^2/NDF :450.2/3
 All: 37.704+/-0.199 χ^2/NDF : 927.1/6

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: -31.317+/-0.244 χ^2/NDF :311.1/2

Left: -32.602+/-0.171 χ^2/NDF : 865.1/6

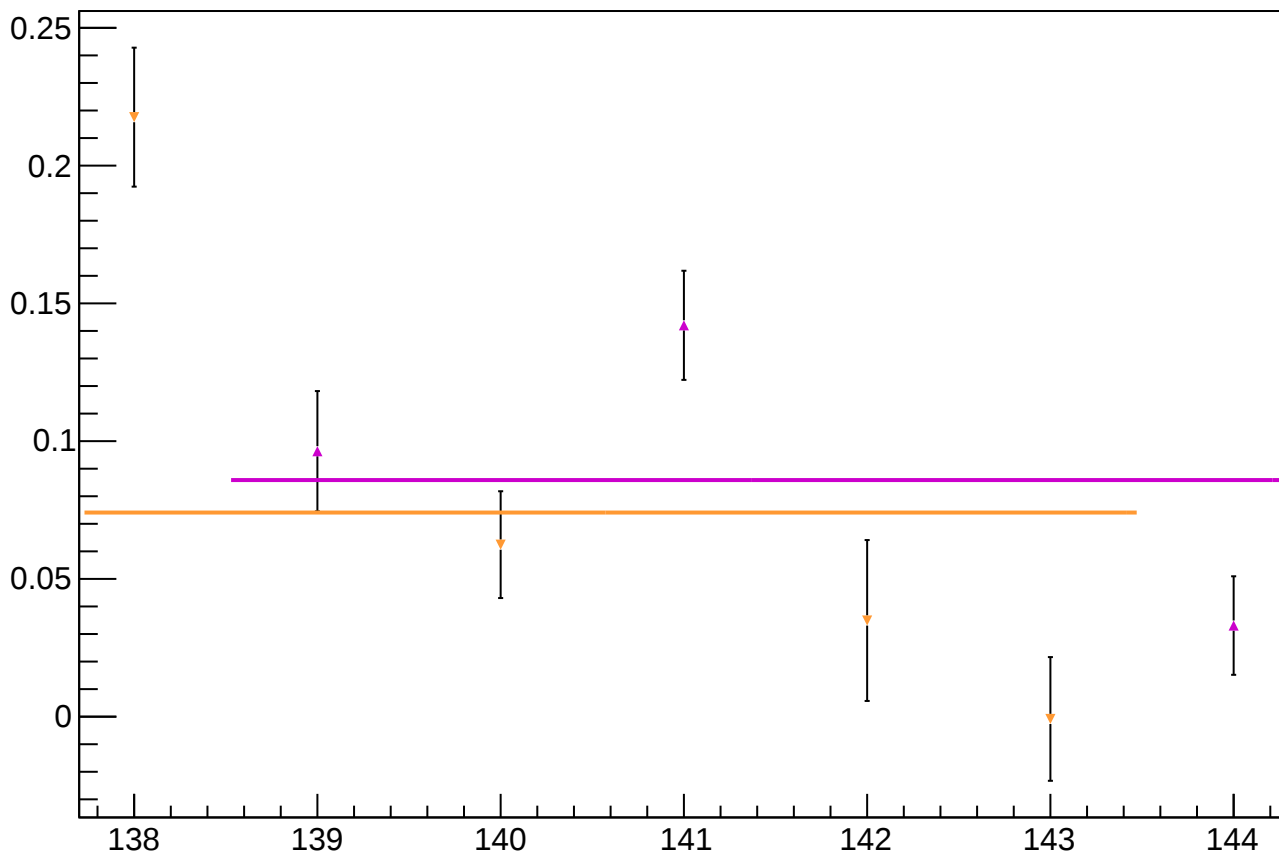
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.317+/-0.244 χ^2/NDF :311.1/2

Out: -33.847+/-0.240 χ^2/NDF :499.3/3

All: -32.602+/-0.171 χ^2/NDF : 865.1/6

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: 0.086 $\pm$ 0.011 χ^2 /NDF:17.0/2

Left: 0.080 $\pm$ 0.008 χ^2 /NDF: 63.2/6

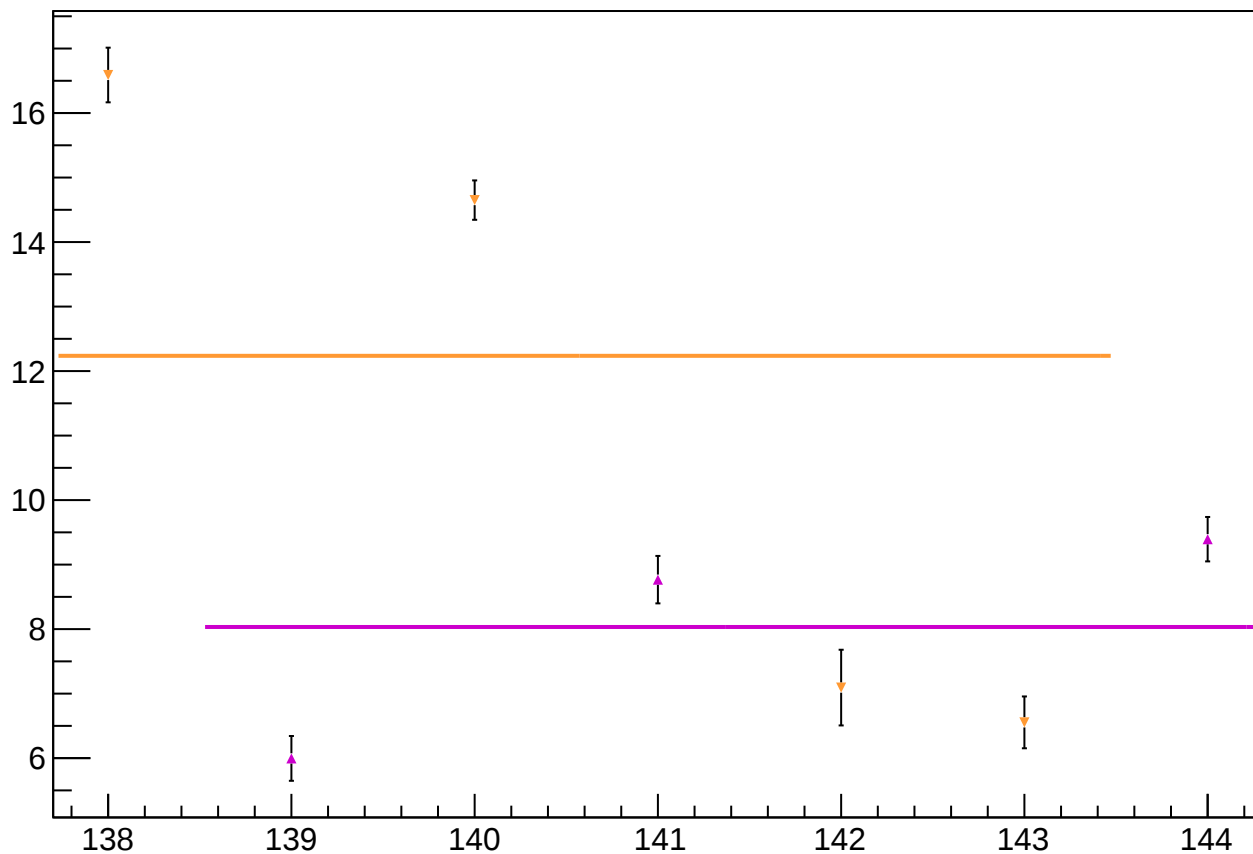
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.086 $\pm$ 0.011 χ^2 /NDF:17.0/2

Out: 0.074 $\pm$ 0.012 χ^2 /NDF:45.7/3

All: 0.080 $\pm$ 0.008 χ^2 /NDF: 63.2/6

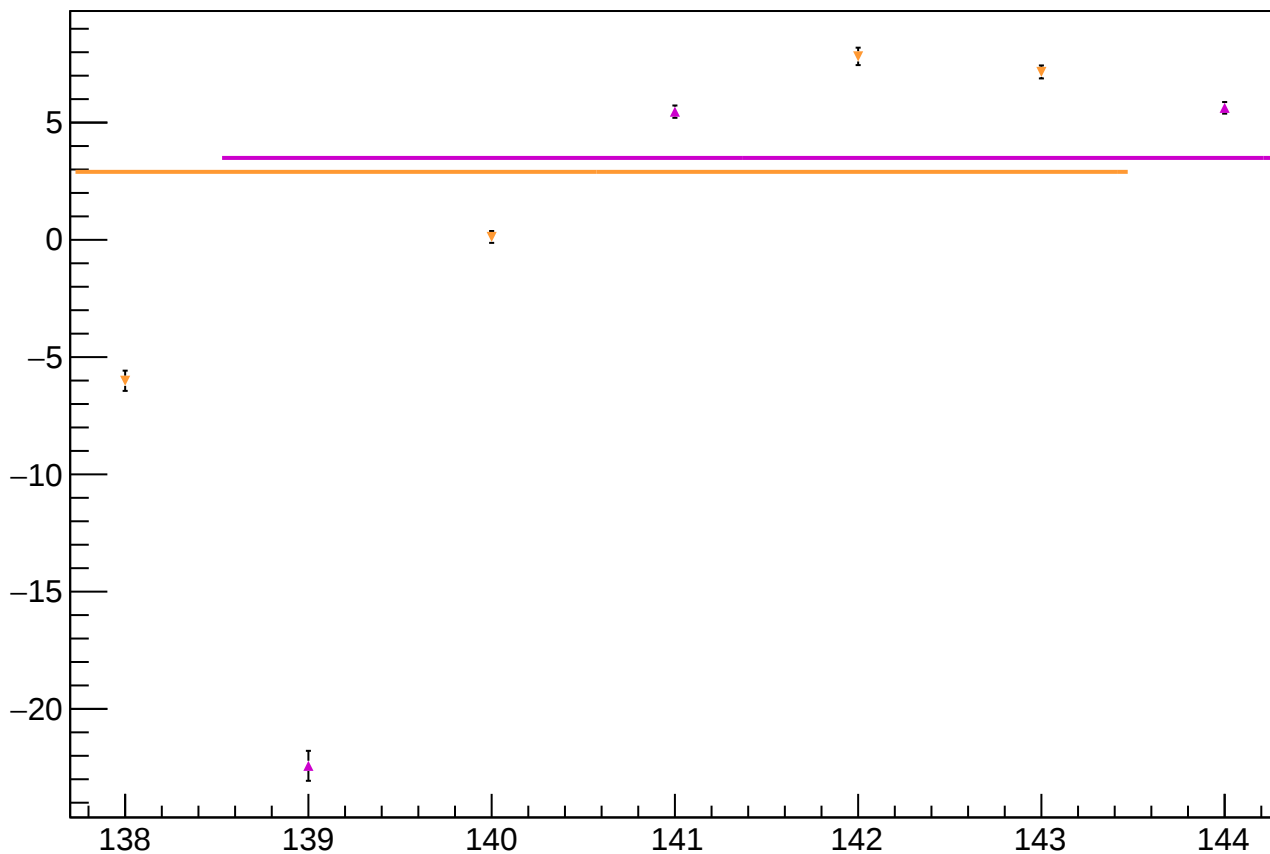
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 8.033 $\pm$ 0.204 χ^2 /NDF:54.0/2

Left: 10.189 $\pm$ 0.142 χ^2 /NDF: 717.7/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.033 $\pm$ 0.204 χ^2 /NDF:54.0/2
 Out: 12.237 $\pm$ 0.198 χ^2 /NDF:445.0/3
 All: 10.189 $\pm$ 0.142 χ^2 /NDF: 717.7/6

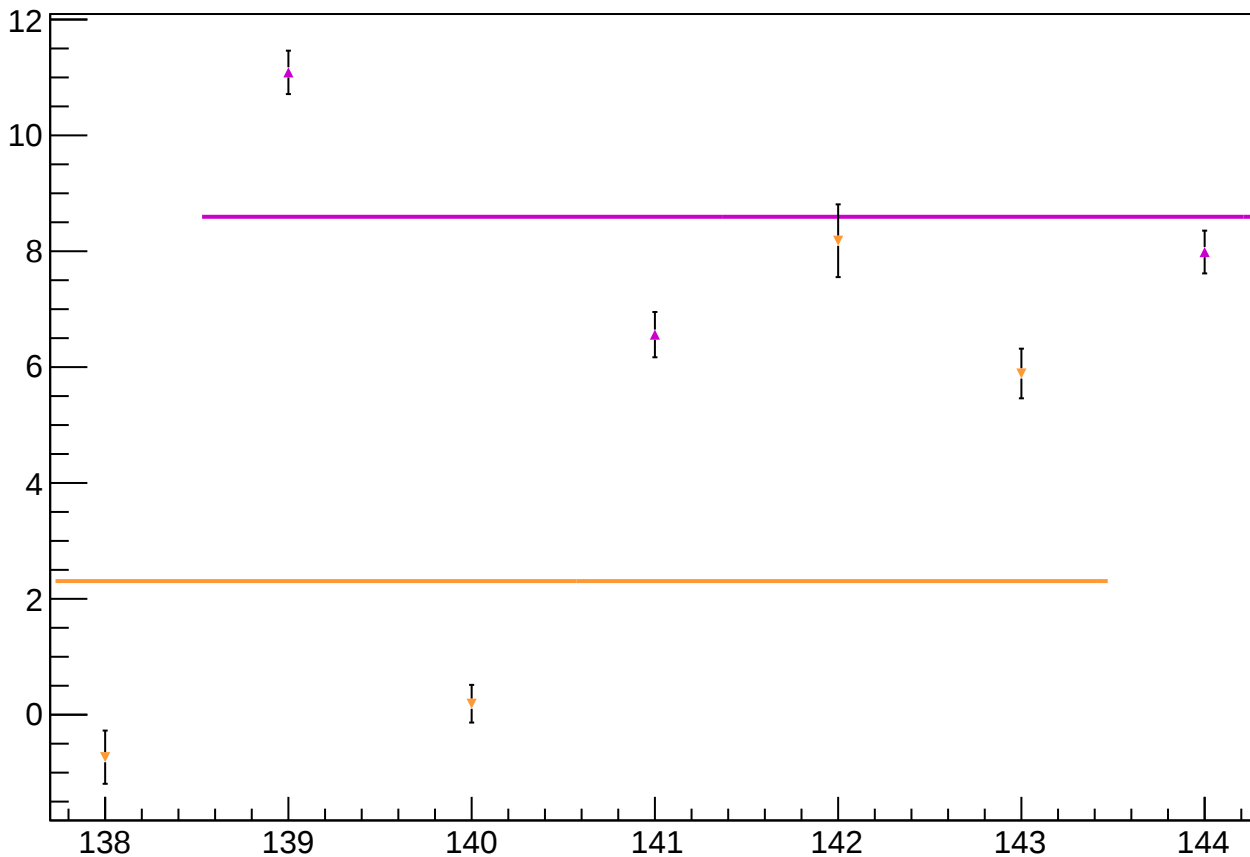
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 3.493+/-0.173 χ^2/NDF :1776.5/2

Left: 3.164+/-0.116 χ^2/NDF : 2742.4/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.493+/-0.173 χ^2/NDF :1776.5/2
 Out: 2.899+/-0.156 χ^2/NDF :959.4/3
 All: 3.164+/-0.116 χ^2/NDF : 2742.4/6

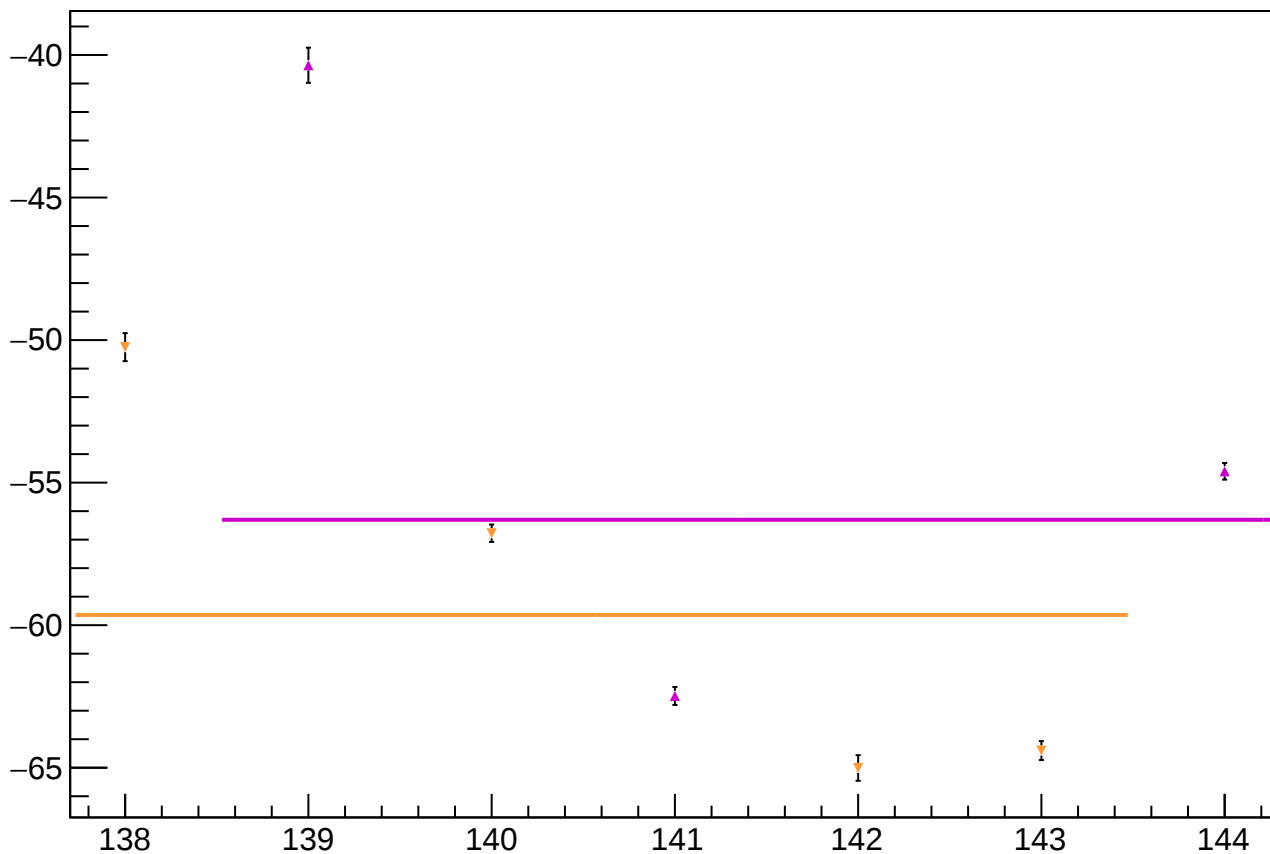
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 8.595+/-0.218 χ^2/NDF :74.0/2

Left: 5.366+/-0.152 χ^2/NDF : 744.1/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.595+/-0.218 χ^2/NDF :74.0/2
 Out: 2.307+/-0.212 χ^2/NDF :243.6/3
 All: 5.366+/-0.152 χ^2/NDF : 744.1/6

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: -56.303+/-0.203 χ^2/NDF :1085.6/2

Left: -58.115+/-0.137 χ^2/NDF : 2034.4/6

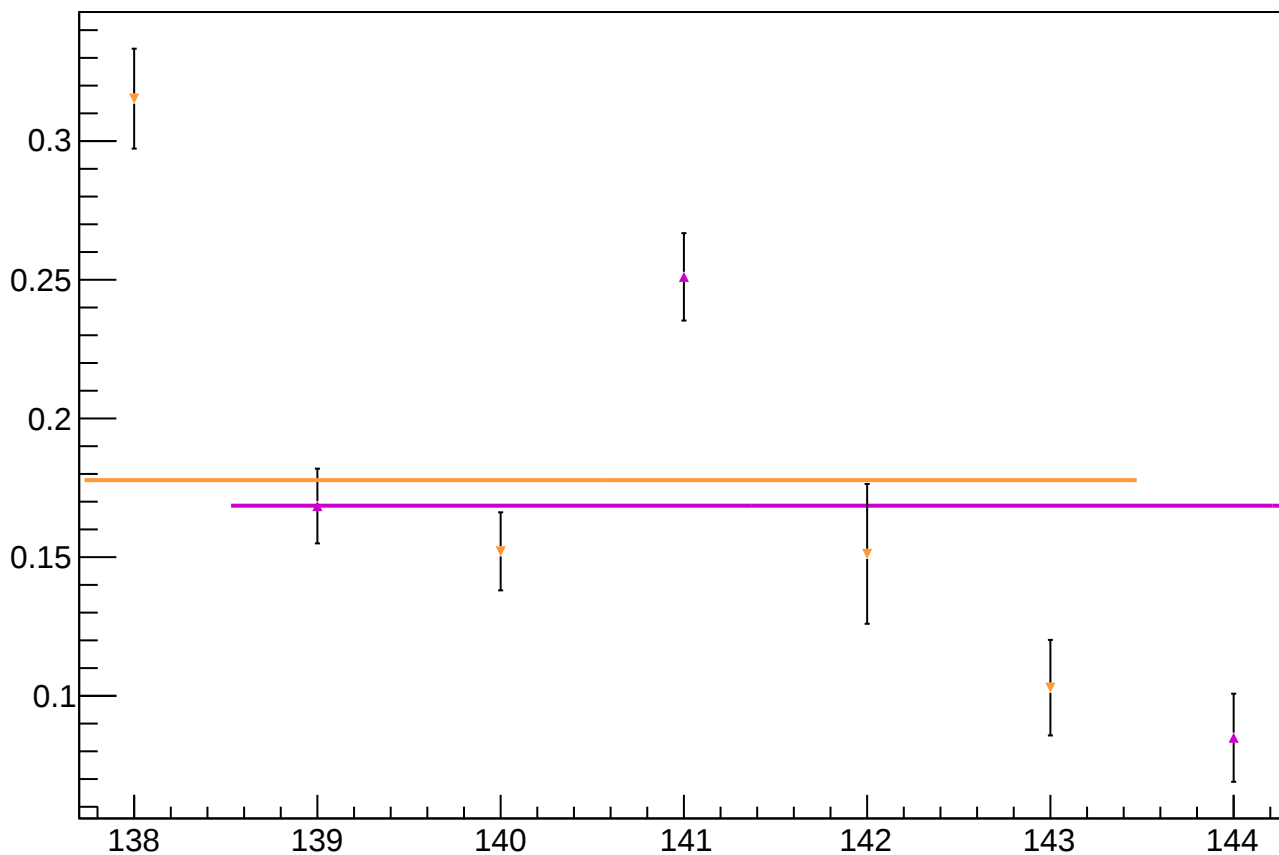
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.303+/-0.203 χ^2/NDF :1085.6/2

Out: -59.642+/-0.186 χ^2/NDF :801.4/3

All: -58.115+/-0.137 χ^2/NDF : 2034.4/6

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.178 $\pm$ 0.009 χ^2 /NDF:81.6/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.169 $\pm$ 0.009 χ^2 /NDF:55.1/2

Left: 0.173 $\pm$ 0.006 χ^2 /NDF: 137.3/6

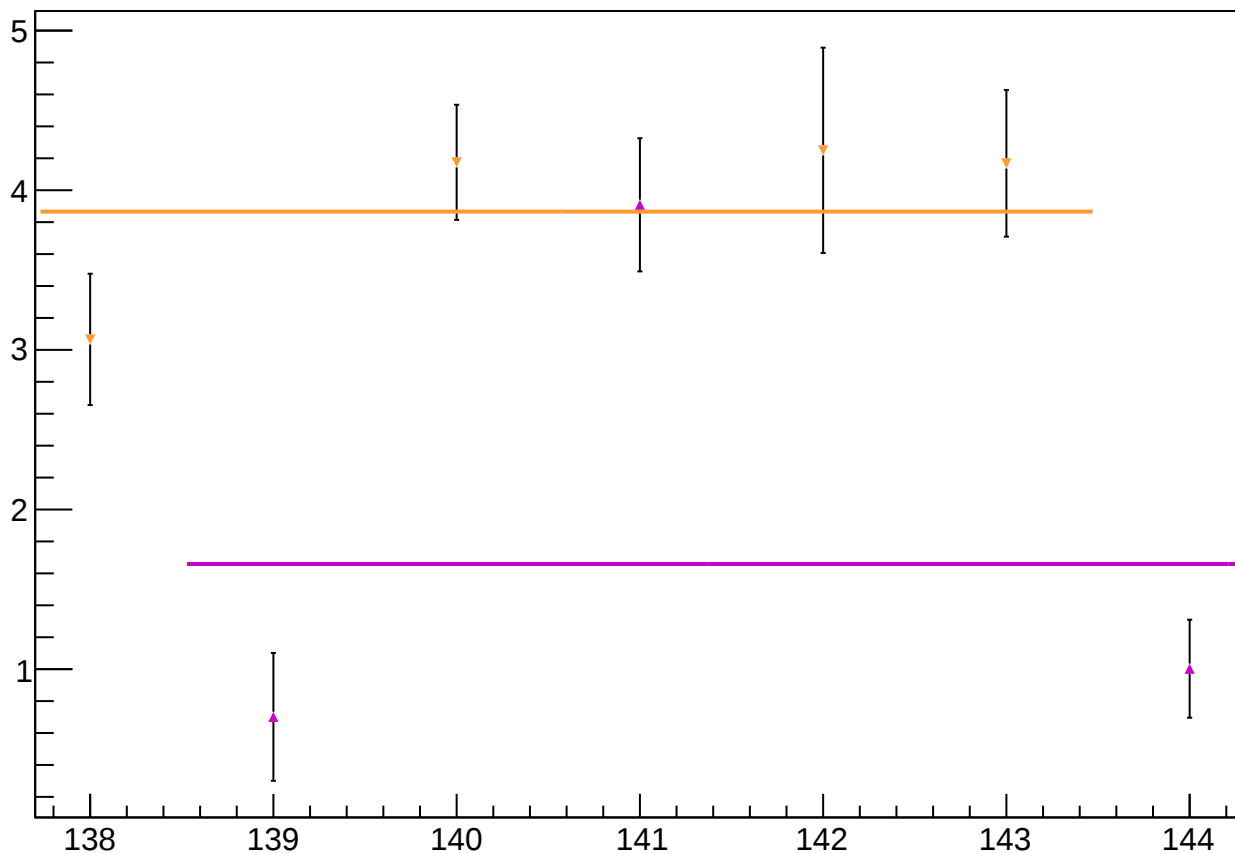
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.169 $\pm$ 0.009 χ^2 /NDF:55.1/2

Out: 0.178 $\pm$ 0.009 χ^2 /NDF:81.6/3

All: 0.173 $\pm$ 0.006 χ^2 /NDF: 137.3/6

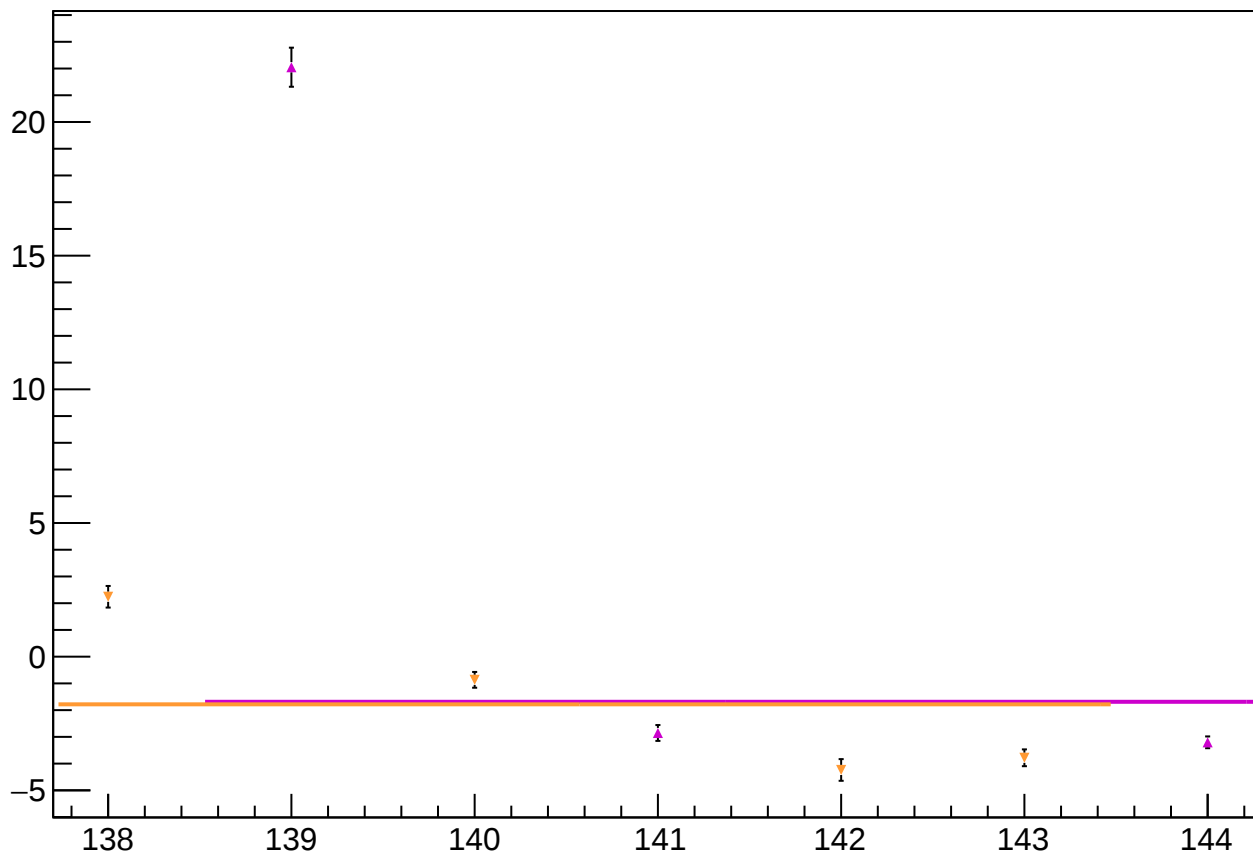
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.866 $\pm$ 0.219 χ^2 /NDF:5.3/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.659 $\pm$ 0.210 χ^2 /NDF:39.4/2

Left: 2.716 $\pm$ 0.152 χ^2 /NDF: 97.4/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.659 $\pm$ 0.210 χ^2 /NDF:39.4/2
 Out: 3.866 $\pm$ 0.219 χ^2 /NDF:5.3/3
 All: 2.716 $\pm$ 0.152 χ^2 /NDF: 97.4/6

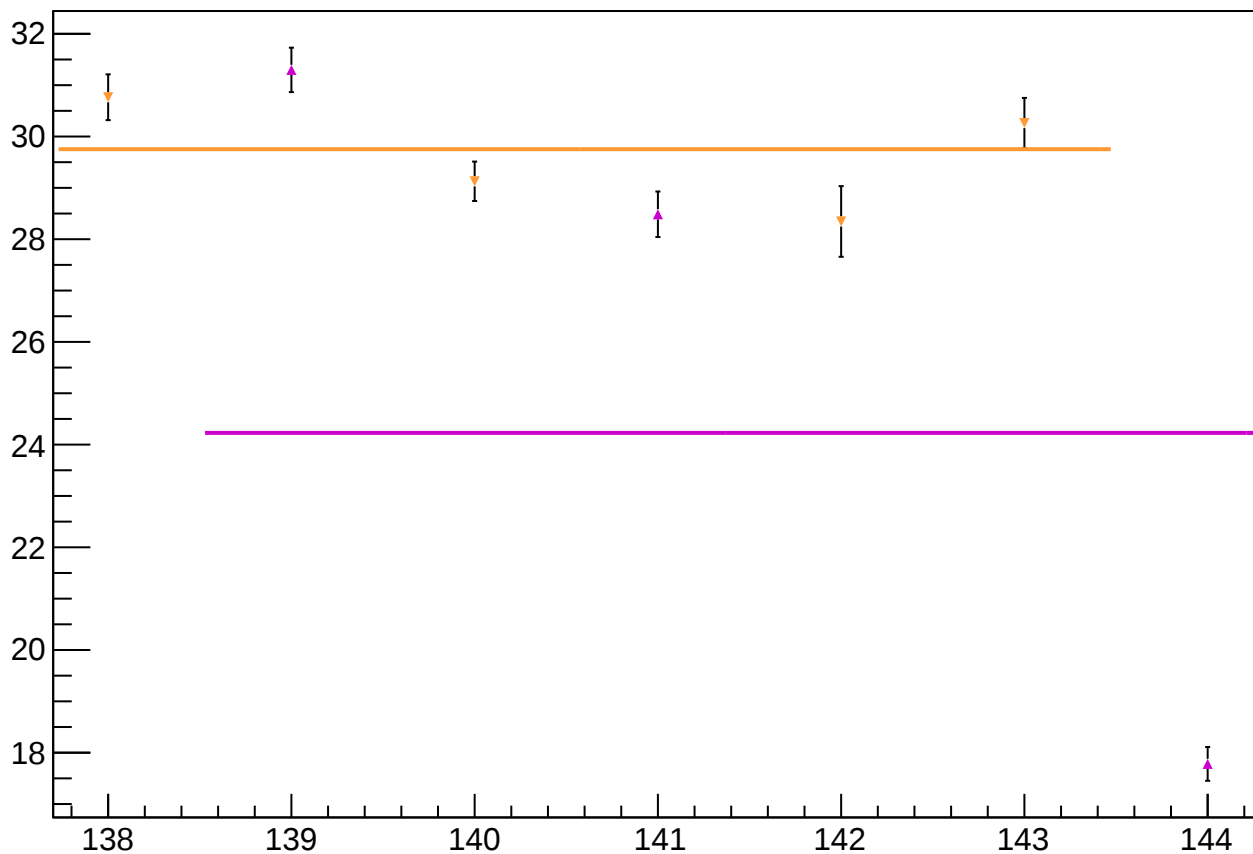
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -1.688+/-0.172 χ^2/NDF :1117.0/2

Left: -1.735+/-0.122 χ^2/NDF : 1303.0/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.688+/-0.172 χ^2/NDF :1117.0/2
 Out: -1.783+/-0.172 χ^2/NDF :185.8/3
 All: -1.735+/-0.122 χ^2/NDF : 1303.0/6

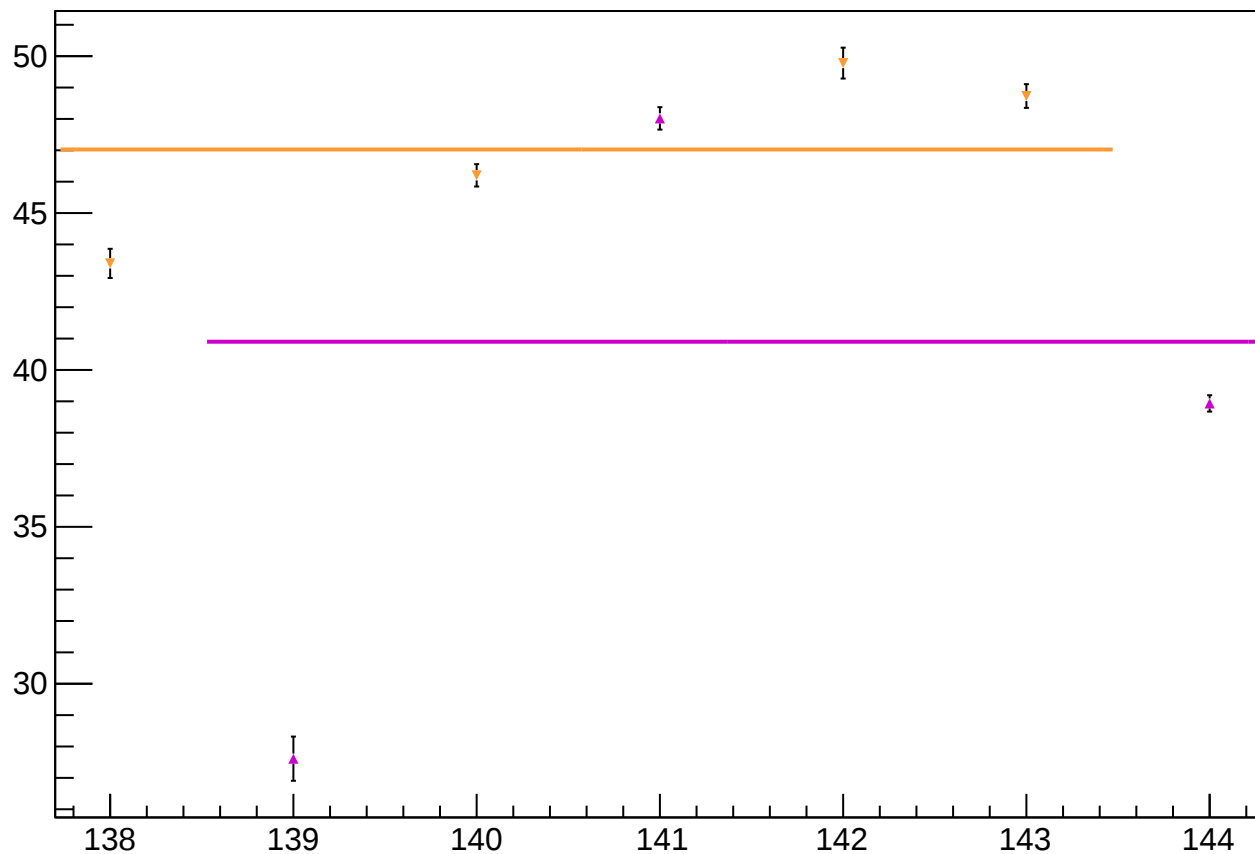
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 29.753 $\pm$ 0.235 χ^2 /NDF:13.1/3
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 24.229 $\pm$ 0.226 χ^2 /NDF:741.9/2

Left: 26.878 $\pm$ 0.163 χ^2 /NDF: 1042.4/6
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 24.229 $\pm$ 0.226 χ^2 /NDF:741.9/2
 Out: 29.753 $\pm$ 0.235 χ^2 /NDF:13.1/3
 All: 26.878 $\pm$ 0.163 χ^2 /NDF: 1042.4/6

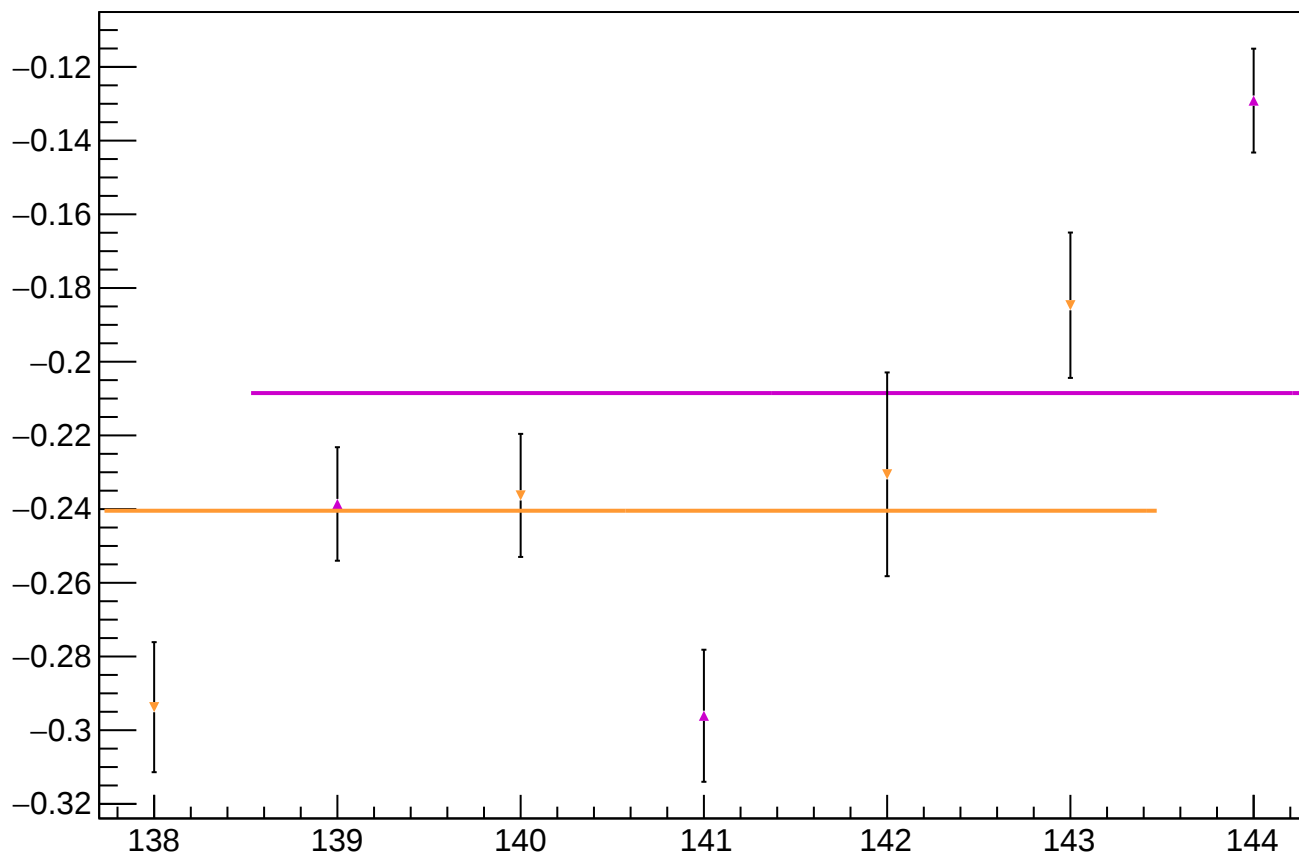
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 40.900+/-0.202 χ^2/NDF :808.8/2

Left: 43.903+/-0.144 χ^2/NDF : 1378.4/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.900+/-0.202 χ^2/NDF :808.8/2
 Out: 47.026+/-0.206 χ^2/NDF :118.0/3
 All: 43.903+/-0.144 χ^2/NDF : 1378.4/6

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: -0.209+/-0.009 χ^2/NDF :59.4/2

Left: -0.223+/-0.007 χ^2/NDF : 82.6/6

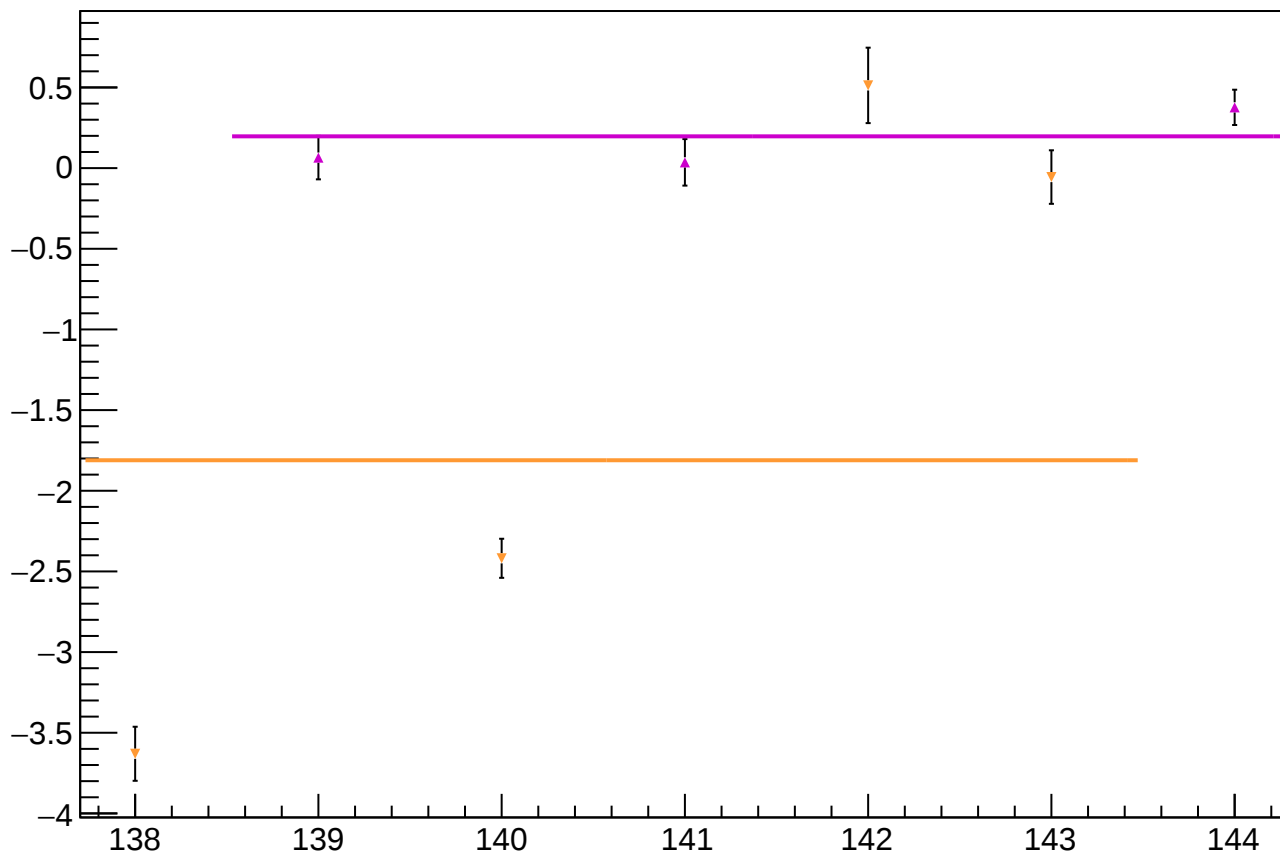
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.209+/-0.009 χ^2/NDF :59.4/2

Out: -0.240+/-0.010 χ^2/NDF :17.3/3

All: -0.223+/-0.007 χ^2/NDF : 82.6/6

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: 0.197+/-0.073 χ^2/NDF :4.9/2

Left: -0.725+/-0.054 χ^2/NDF : 704.2/6

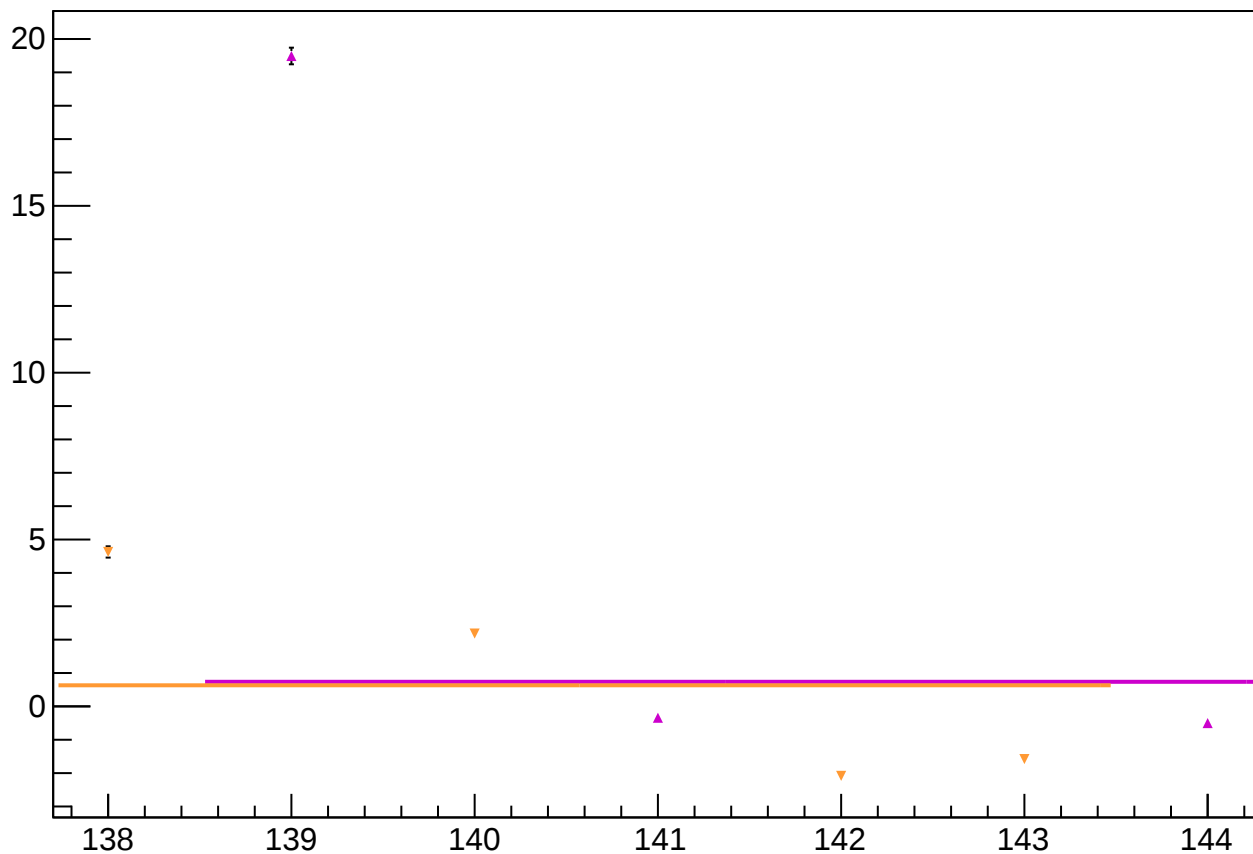
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.197+/-0.073 χ^2/NDF :4.9/2

Out: -1.811+/-0.079 χ^2/NDF :353.8/3

All: -0.725+/-0.054 χ^2/NDF : 704.2/6

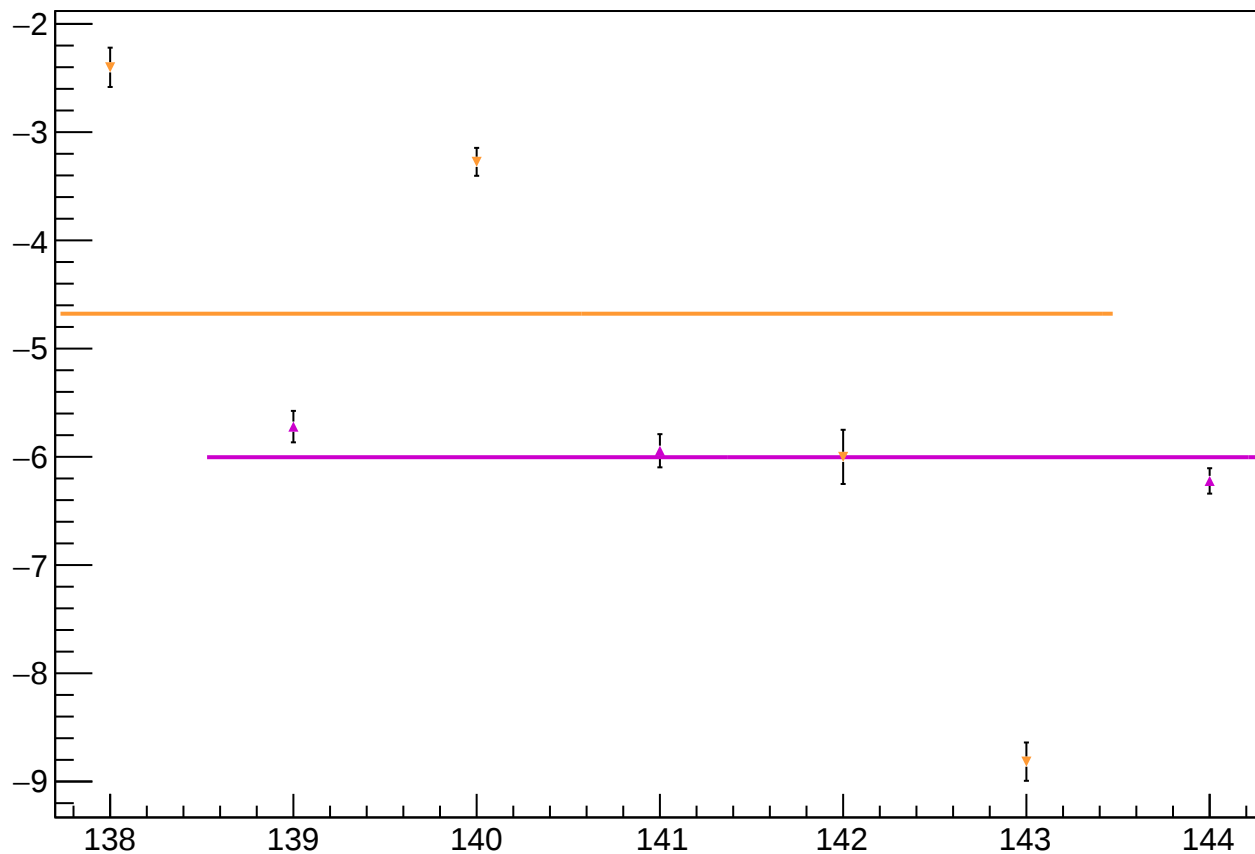
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 0.737+/-0.061 χ^2/NDF :6021.4/2

Left: 0.686+/-0.043 χ^2/NDF : 7533.7/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.737+/-0.061 χ^2/NDF :6021.4/2
 Out: 0.632+/-0.062 χ^2/NDF :1510.9/3
 All: 0.686+/-0.043 χ^2/NDF : 7533.7/6

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: -6.004+/-0.078 χ^2/NDF :7.4/2

Left: -5.394+/-0.058 χ^2/NDF : 989.0/6

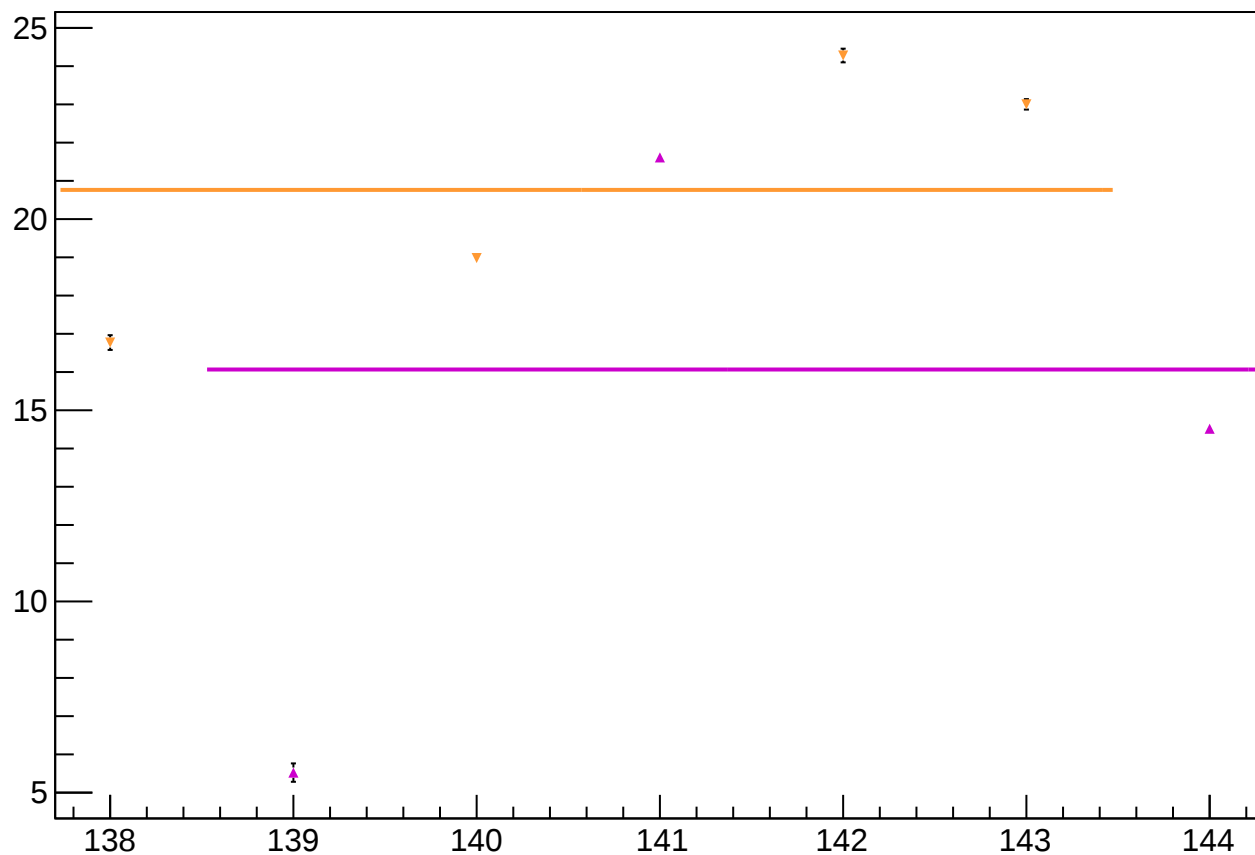
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.004+/-0.078 χ^2/NDF :7.4/2

Out: -4.678+/-0.085 χ^2/NDF :850.2/3

All: -5.394+/-0.058 χ^2/NDF : 989.0/6

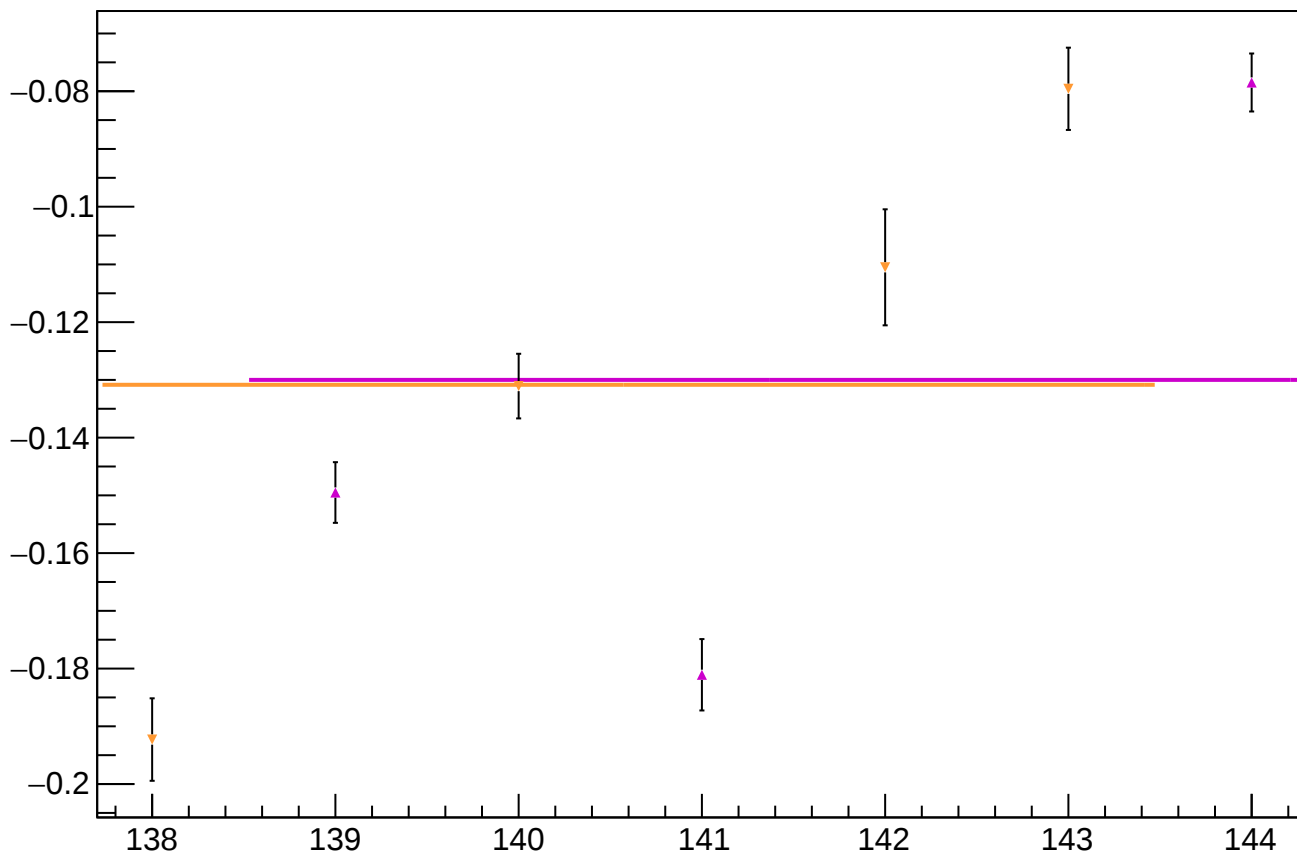
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 16.066+/-0.071 χ^2/NDF :4208.8/2

Left: 18.298+/-0.051 χ^2/NDF : 7587.9/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 16.066+/-0.071 χ^2/NDF :4208.8/2
 Out: 20.764+/-0.075 χ^2/NDF :1297.2/3
 All: 18.298+/-0.051 χ^2/NDF : 7587.9/6

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: -0.130+/-0.003 χ^2/NDF :187.3/2

Left: -0.130+/-0.002 χ^2/NDF : 317.2/6

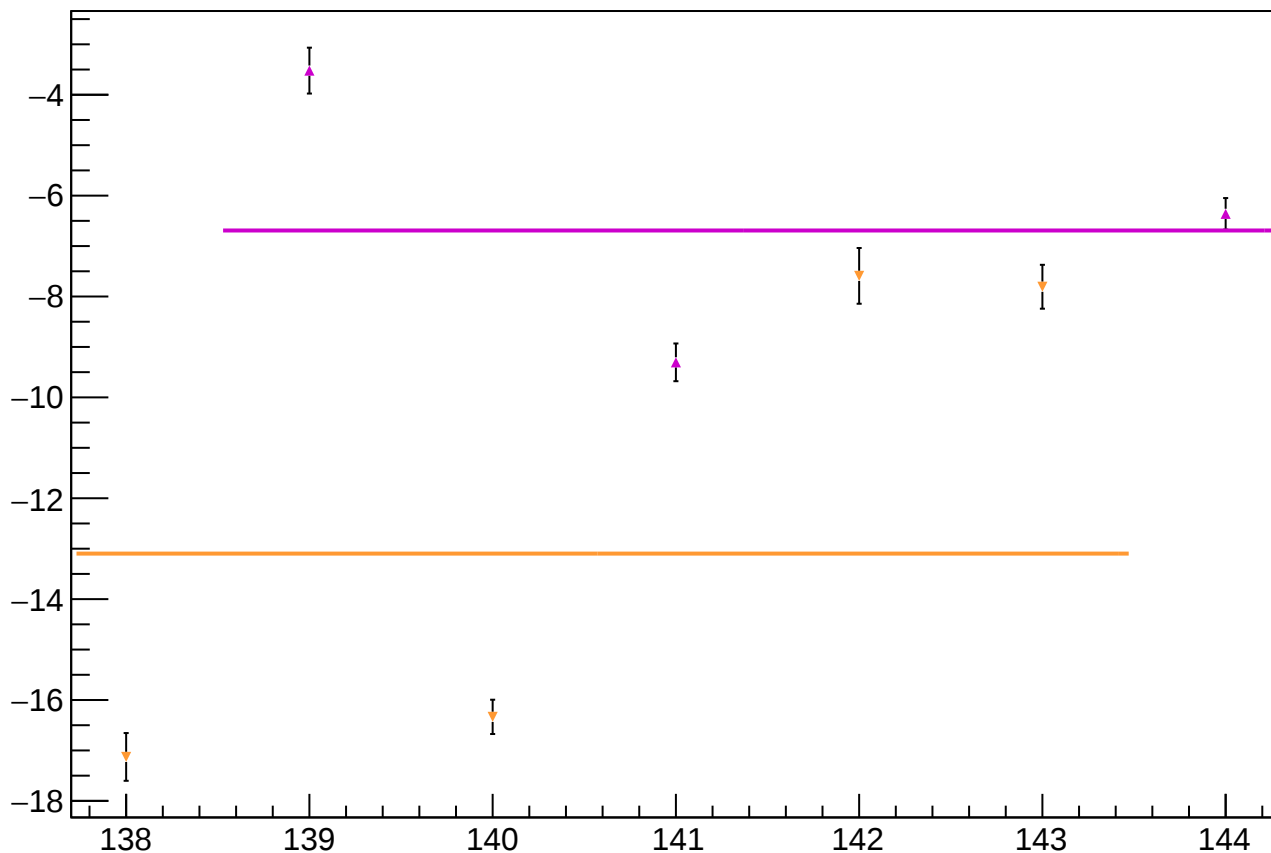
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.130+/-0.003 χ^2/NDF :187.3/2

Out: -0.131+/-0.004 χ^2/NDF :129.9/3

All: -0.130+/-0.002 χ^2/NDF : 317.2/6

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: -6.691+/-0.212 χ^2/NDF :98.6/2

Left: -9.855+/-0.151 χ^2/NDF : 958.8/6

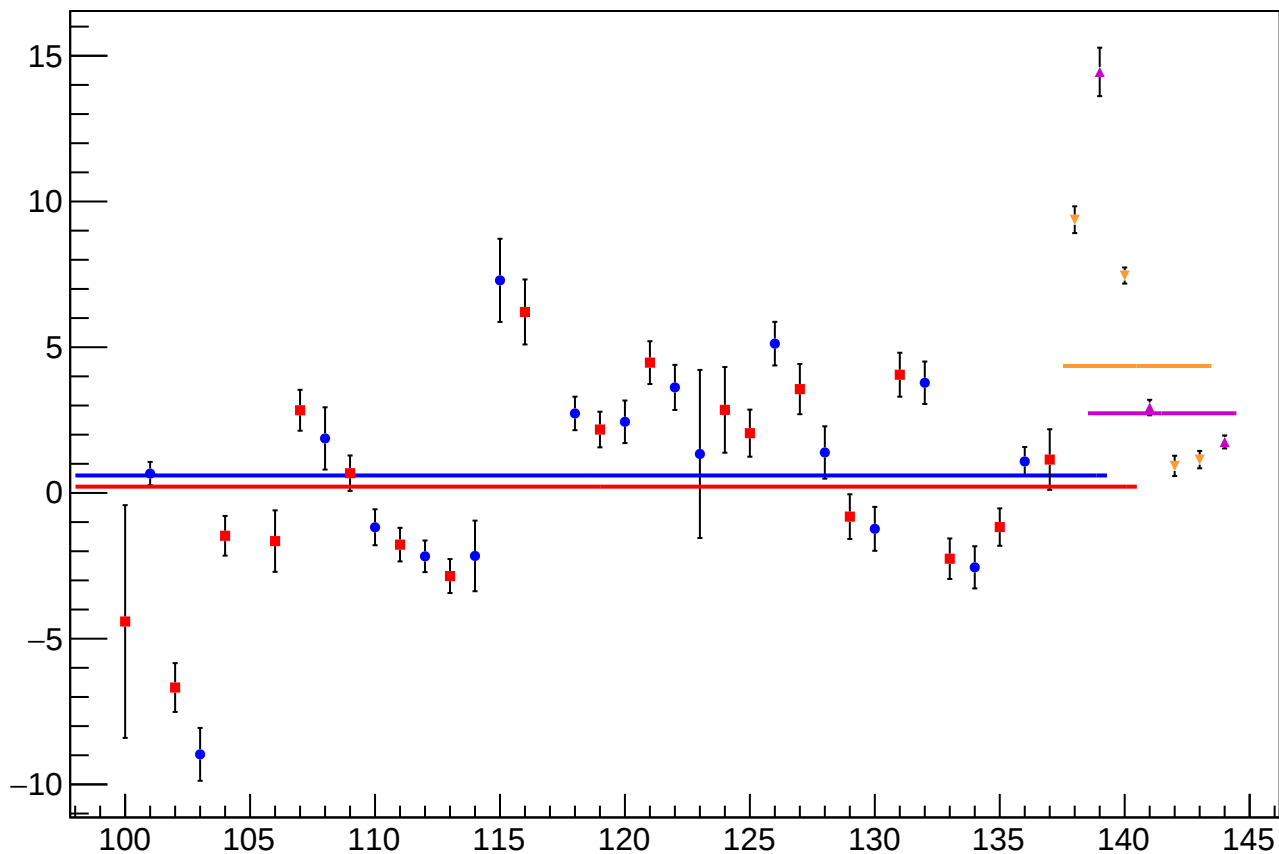
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.691+/-0.212 χ^2/NDF :98.6/2

Out: -13.097+/-0.215 χ^2/NDF :410.2/3

All: -9.855+/-0.151 χ^2/NDF : 958.8/6

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: 0.216 $\pm$ 0.175 χ^2 /NDF: 274.5/18

Left In: 2.734 $\pm$ 0.167 χ^2 /NDF:218.3/2

Left: 3.563 $\pm$ 0.117 χ^2 /NDF: 725.1/6

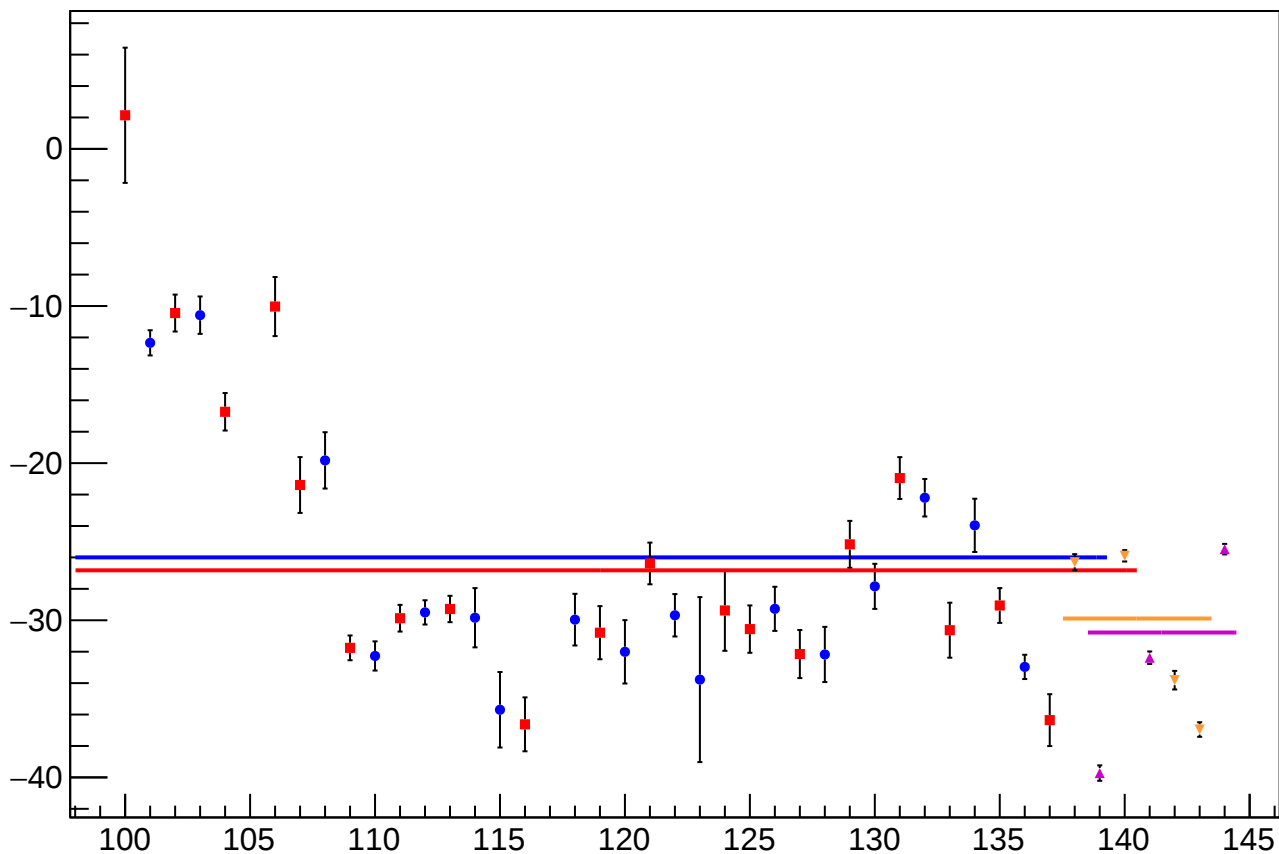
Right: 0.414 $\pm$ 0.122 χ^2 /NDF: 568.9/35

In: 1.679 $\pm$ 0.119 χ^2 /NDF:590.7/19

Out: 2.420 $\pm$ 0.119 χ^2 /NDF:1032.5/22

All: 2.048 $\pm$ 0.084 χ^2 /NDF: 1642.5/42

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -29.888 ± 0.230 χ^2/NDF : 446.1/3

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -30.779 ± 0.227 χ^2/NDF : 598.1/2

Left: -30.339 ± 0.162 χ^2/NDF : 1051.8/6

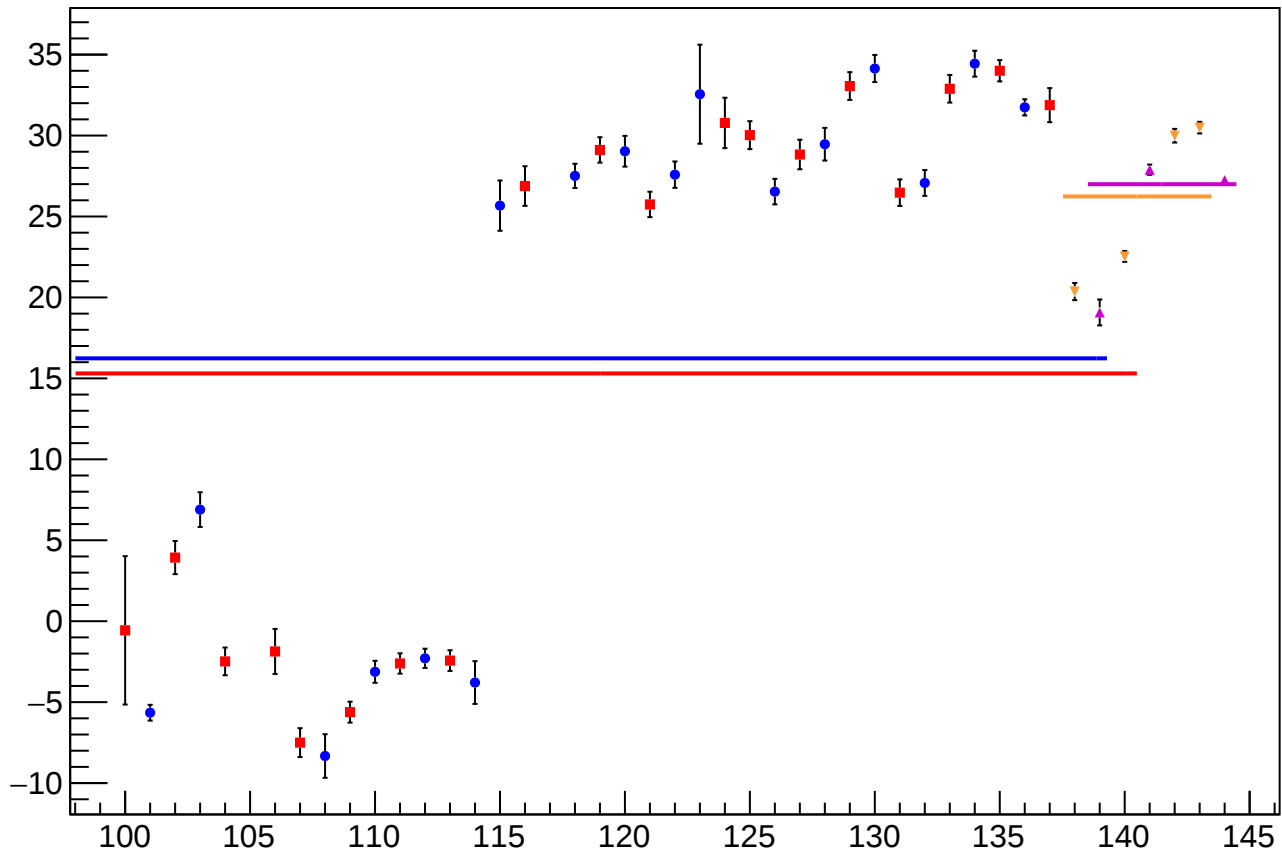
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -29.037 ± 0.181 χ^2/NDF : 1452.0/19

Out: -28.742 ± 0.182 χ^2/NDF : 1093.6/22

All: -28.890 ± 0.128 χ^2/NDF : 2546.9/42

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 26.240 $\pm$ 0.196 χ^2 /NDF:465.5/3

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 26.994 $\pm$ 0.198 χ^2 /NDF:106.3/2

Left: 26.615 $\pm$ 0.139 χ^2 /NDF: 579.2/6

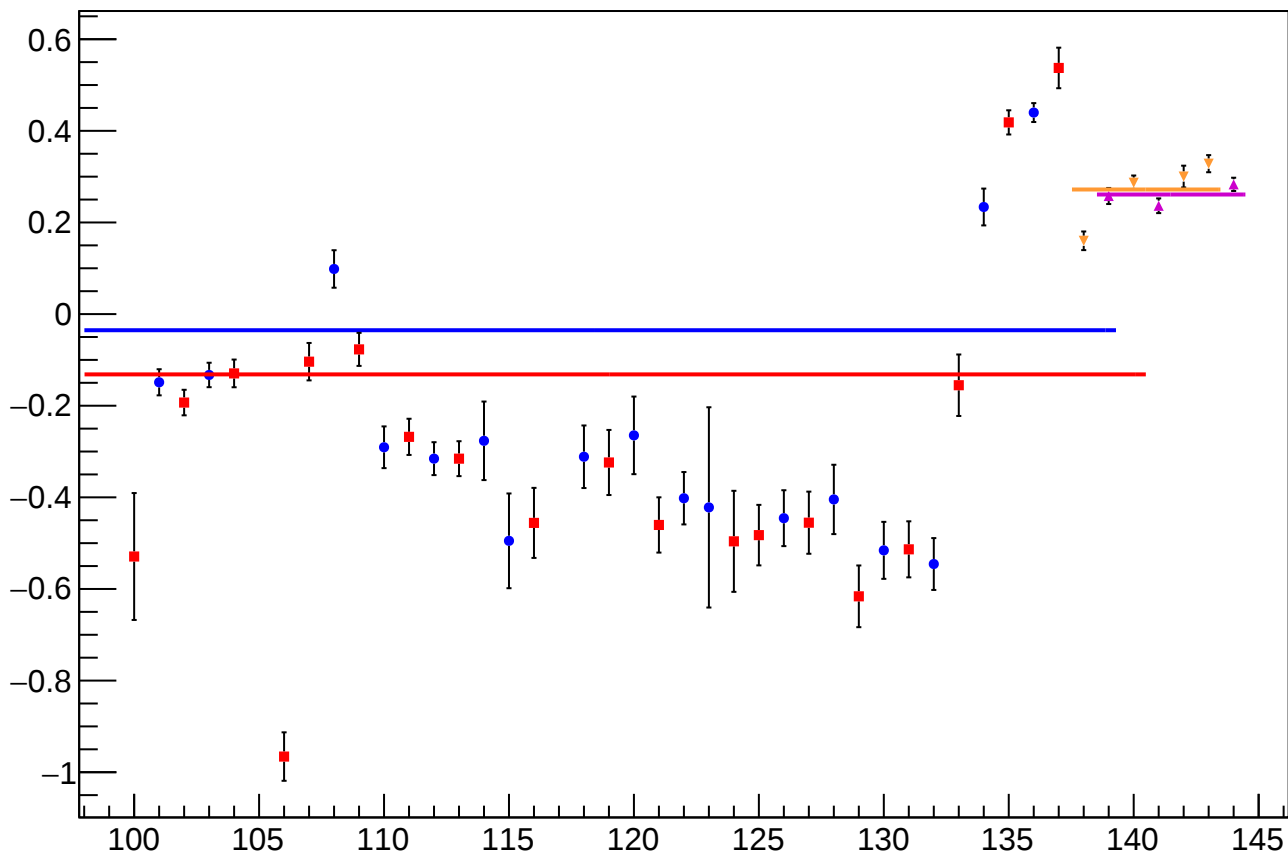
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 21.445 $\pm$ 0.137 χ^2 /NDF:9215.8/19

Out: 20.788 $\pm$ 0.139 χ^2 /NDF:9282.2/22

All: 21.120 $\pm$ 0.098 χ^2 /NDF: 18509.2/42

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.272 ± 0.009 χ^2/NDF : 41.7/3

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.261 ± 0.009 χ^2/NDF : 4.7/2

Left: 0.266 ± 0.007 χ^2/NDF : 47.1/6

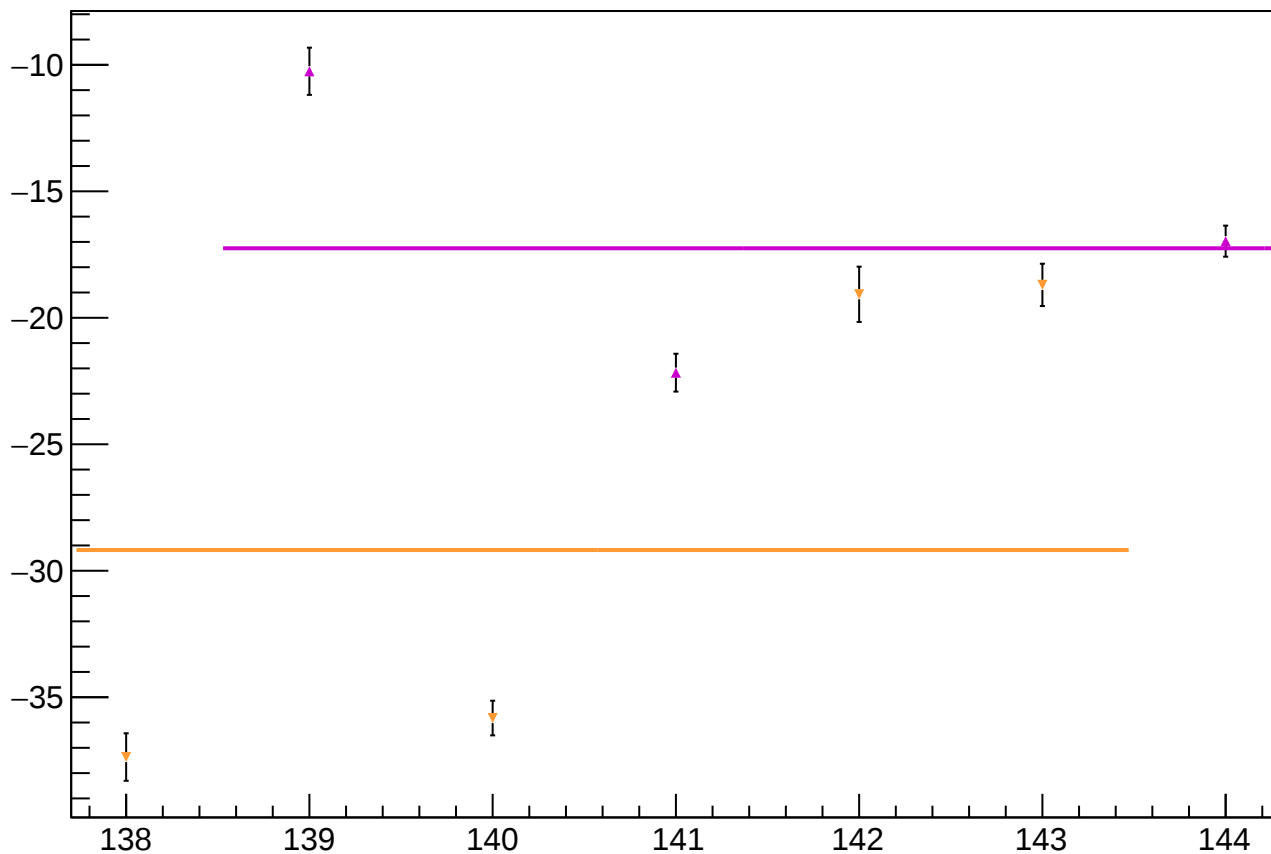
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.130 ± 0.007 χ^2/NDF : 1479.1/19

Out: 0.088 ± 0.007 χ^2/NDF : 2036.1/22

All: 0.110 ± 0.005 χ^2/NDF : 3534.3/42

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: -17.252+/-0.423 χ^2/NDF :99.6/2

Left: -23.186+/-0.300 χ^2/NDF : 907.7/6

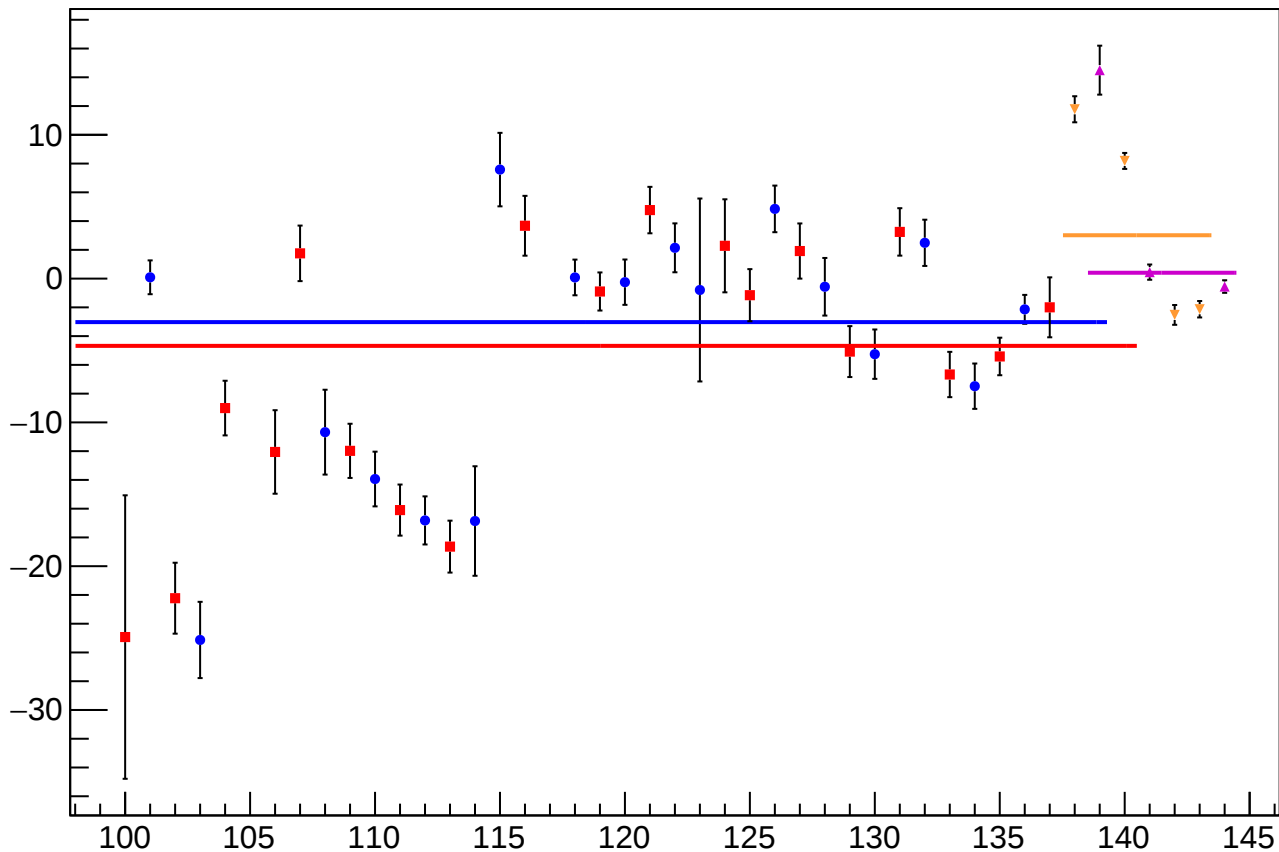
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.252+/-0.423 χ^2/NDF :99.6/2

Out: -29.181+/-0.425 χ^2/NDF :412.5/3

All: -23.186+/-0.300 χ^2/NDF : 907.7/6

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 3.015 ± 0.322 χ^2/NDF : 325.8/3

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 0.407 ± 0.331 χ^2/NDF : 73.3/2

Left: 1.746 ± 0.231 χ^2/NDF : 431.0/6

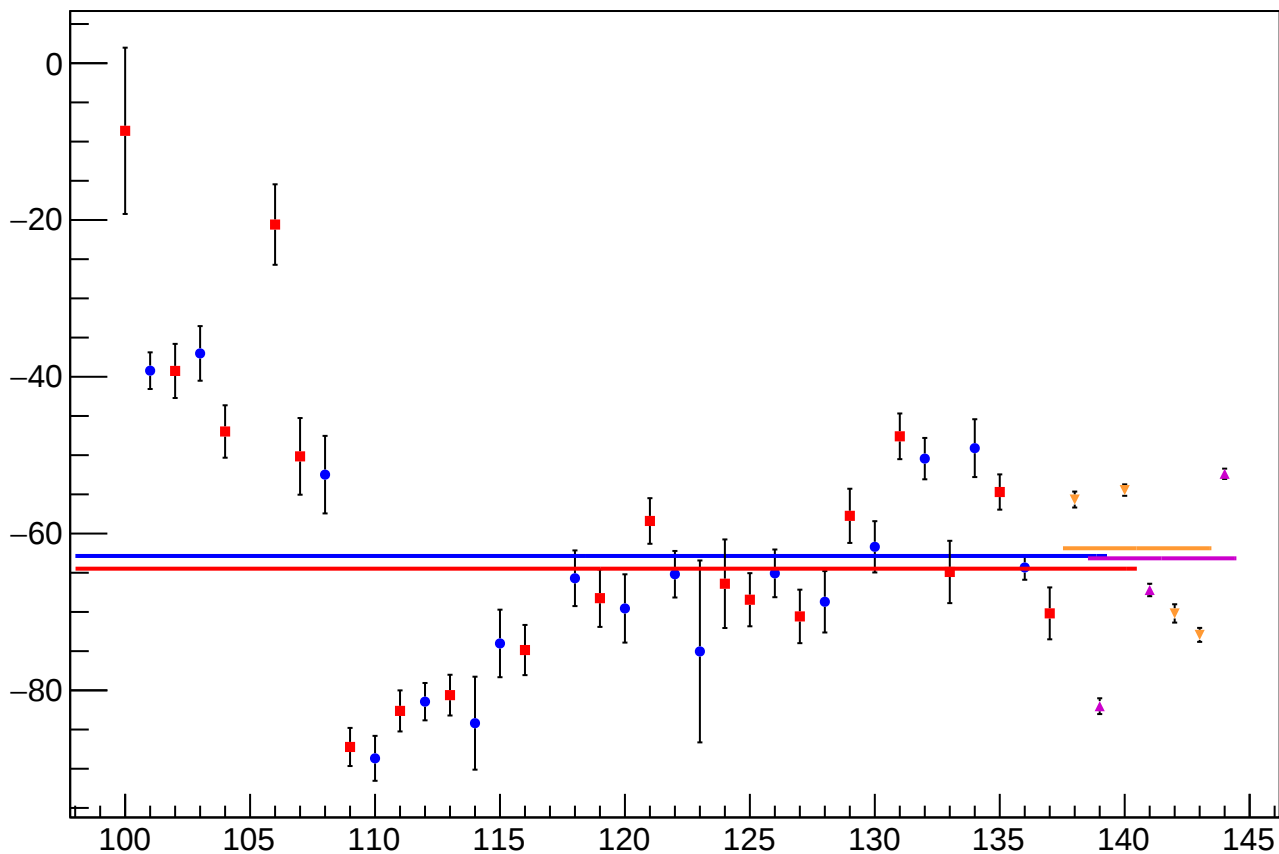
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -0.955 ± 0.257 χ^2/NDF : 396.6/19

Out: 0.217 ± 0.257 χ^2/NDF : 832.2/22

All: -0.369 ± 0.182 χ^2/NDF : 1239.2/42

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -61.877 ± 0.455 $\chi^2/\text{NDF}: 344.7/3$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -63.160 ± 0.453 $\chi^2/\text{NDF}: 644.2/2$

Left: -62.521 ± 0.321 $\chi^2/\text{NDF}: 992.9/6$

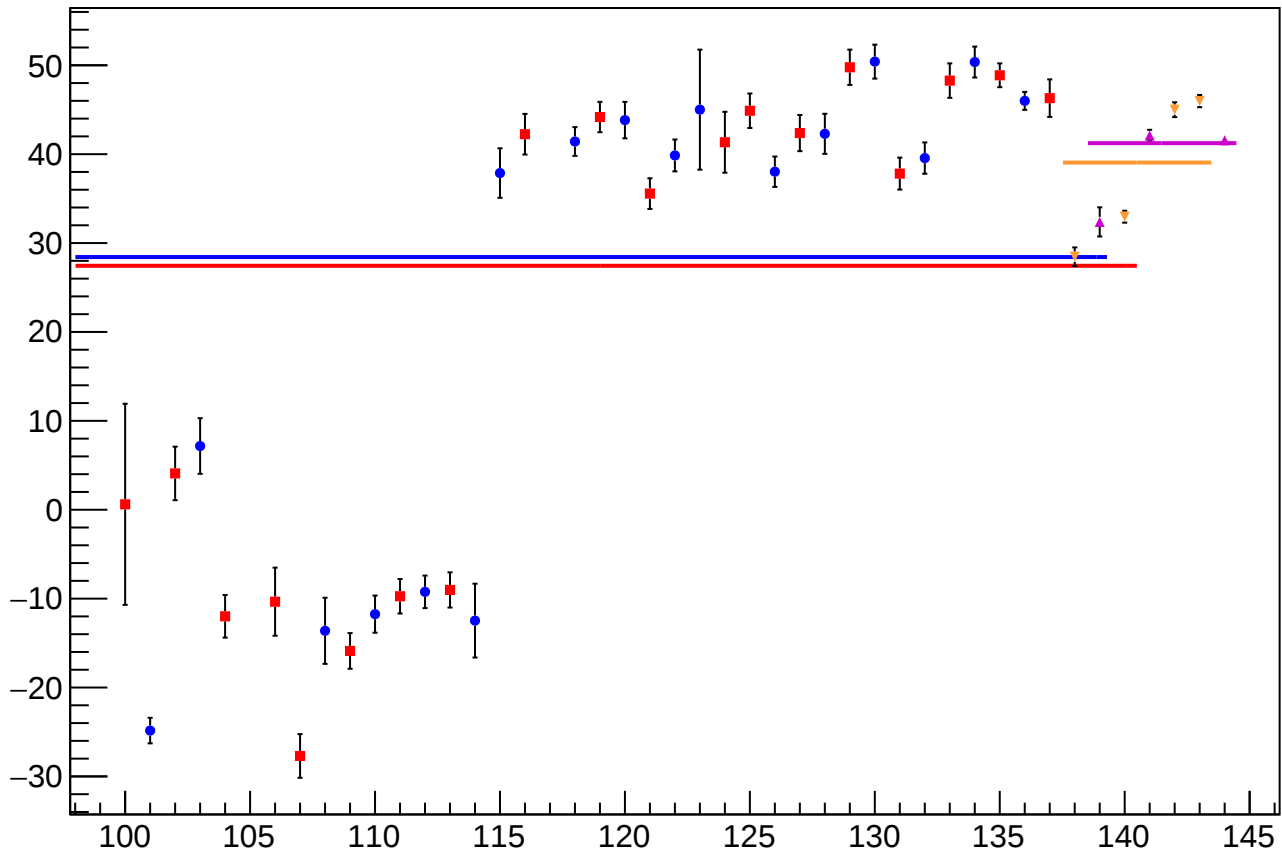
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -63.078 ± 0.386 $\chi^2/\text{NDF}: 1012.0/19$

Out: -62.575 ± 0.389 $\chi^2/\text{NDF}: 797.5/22$

All: -62.828 ± 0.274 $\chi^2/\text{NDF}: 1810.3/42$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2/NDF : 3322.4/16

Left Out: 39.054 $\pm$ 0.387 χ^2/NDF : 336.1/3

Right Out: 27.445 $\pm$ 0.478 χ^2/NDF : 3033.4/18

Left In: 41.240 $\pm$ 0.391 χ^2/NDF : 31.3/2

Left: 40.135 $\pm$ 0.275 χ^2/NDF : 383.2/6

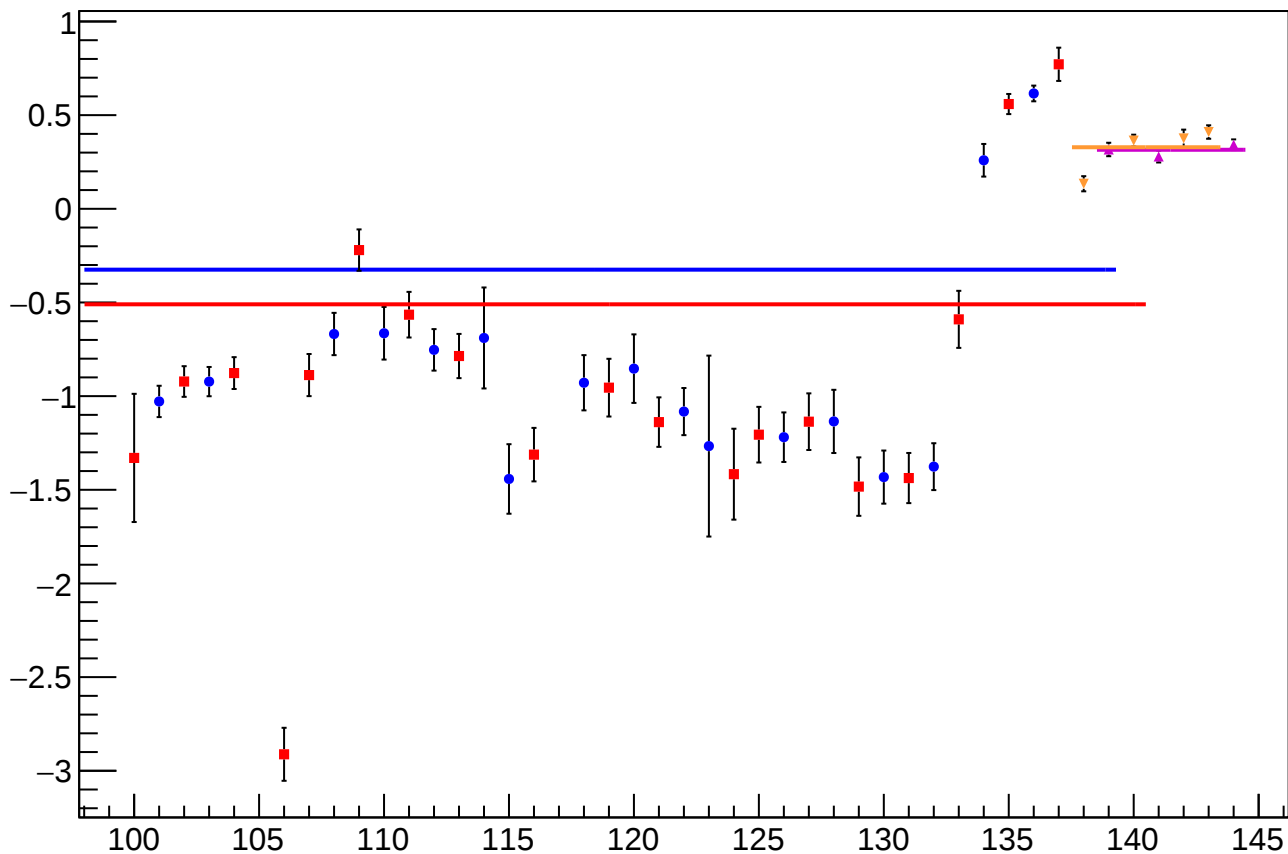
Right: 27.957 $\pm$ 0.331 χ^2/NDF : 6358.0/35

In: 35.830 $\pm$ 0.297 χ^2/NDF : 3806.4/19

Out: 34.458 $\pm$ 0.301 χ^2/NDF : 3725.4/22

All: 35.152 $\pm$ 0.212 χ^2/NDF : 7542.3/42

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.329 ± 0.019 χ^2/NDF : 30.6/3

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.315 ± 0.018 χ^2/NDF : 2.1/2

Left: 0.322 ± 0.013 χ^2/NDF : 33.0/6

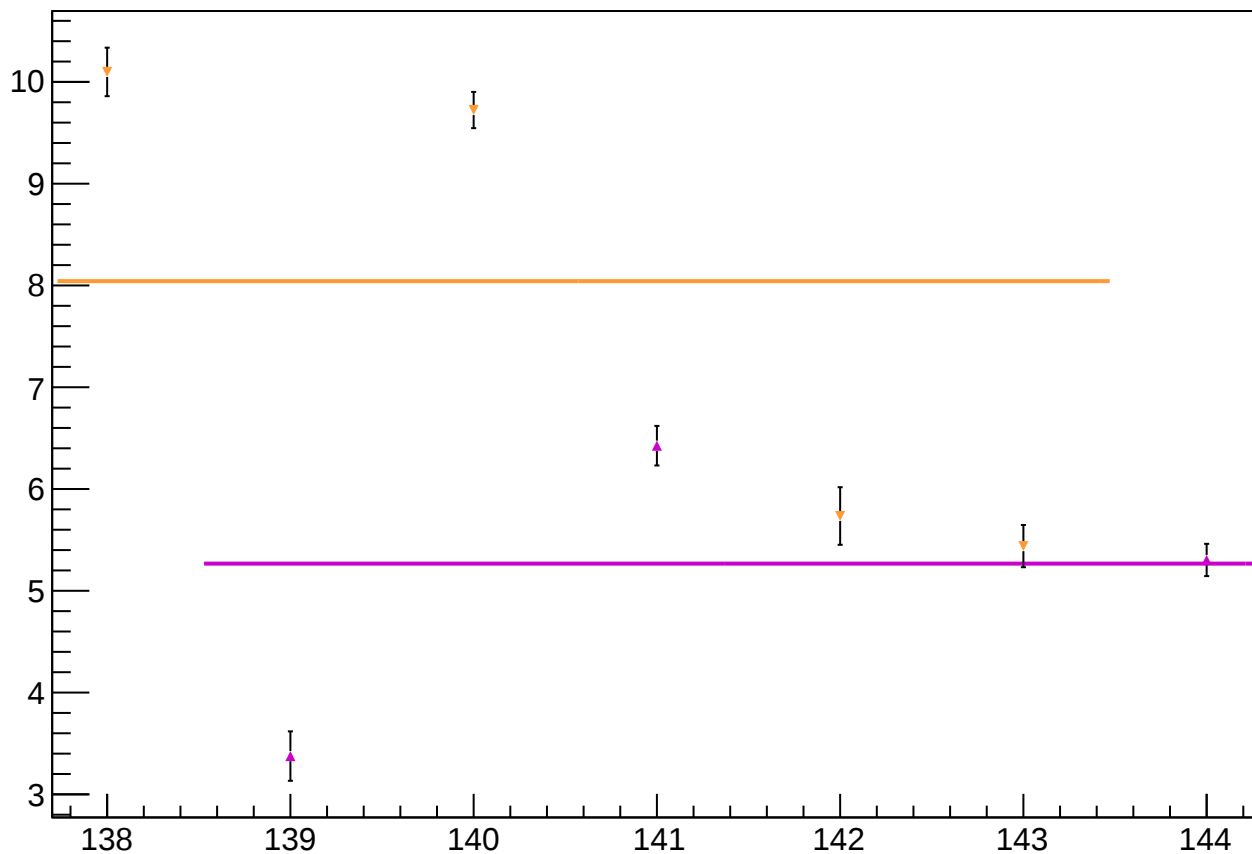
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.091 ± 0.015 χ^2/NDF : 1442.2/19

Out: 0.036 ± 0.015 χ^2/NDF : 1893.1/22

All: 0.064 ± 0.011 χ^2/NDF : 3341.9/42

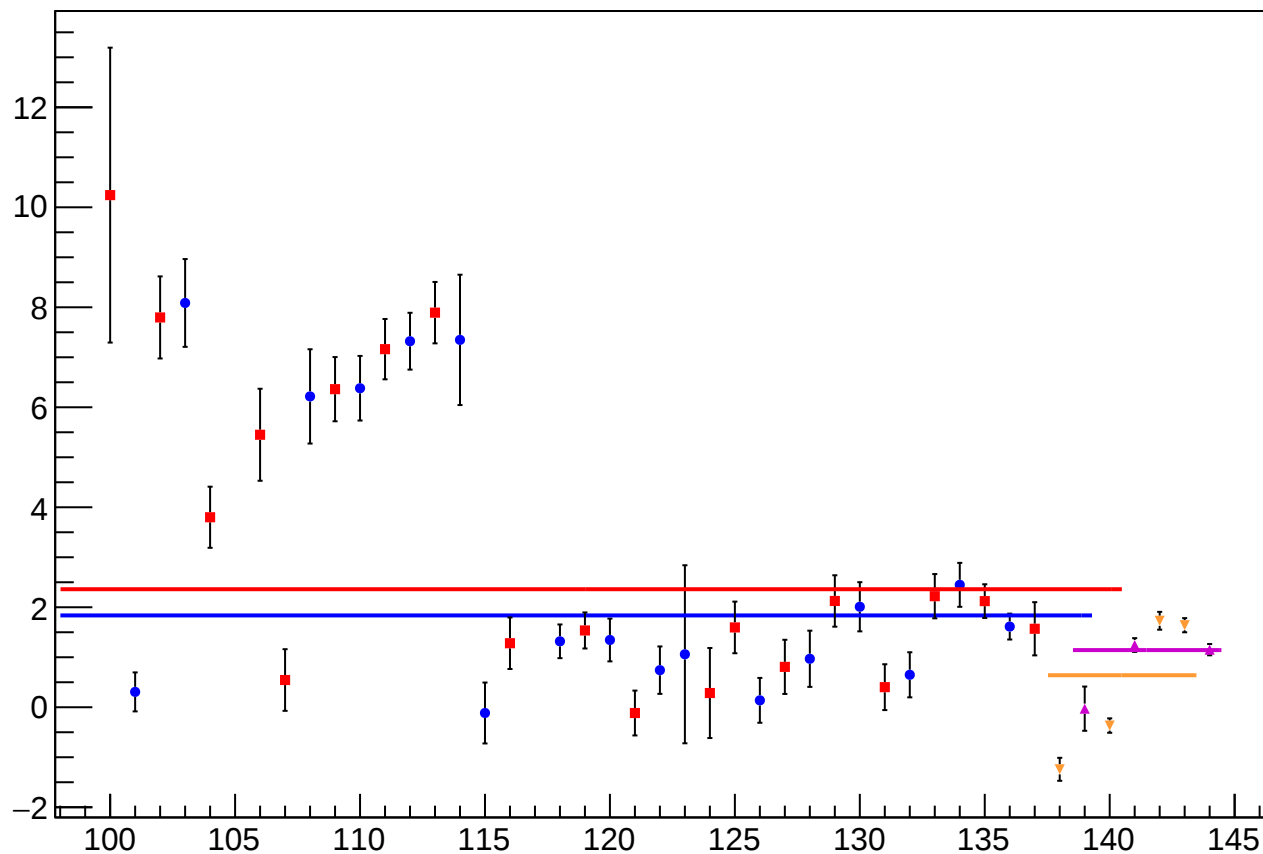
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 5.267+/-0.110 χ^2/NDF :96.2/2

Left: 6.668+/-0.077 χ^2/NDF : 807.3/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.267+/-0.110 χ^2/NDF :96.2/2
 Out: 8.043+/-0.109 χ^2/NDF :387.4/3
 All: 6.668+/-0.077 χ^2/NDF : 807.3/6

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 0.640 ± 0.082 χ^2/NDF : 203.1/3

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 1.143 ± 0.086 χ^2/NDF : 7.6/2

Left: 0.881 ± 0.059 χ^2/NDF : 228.6/6

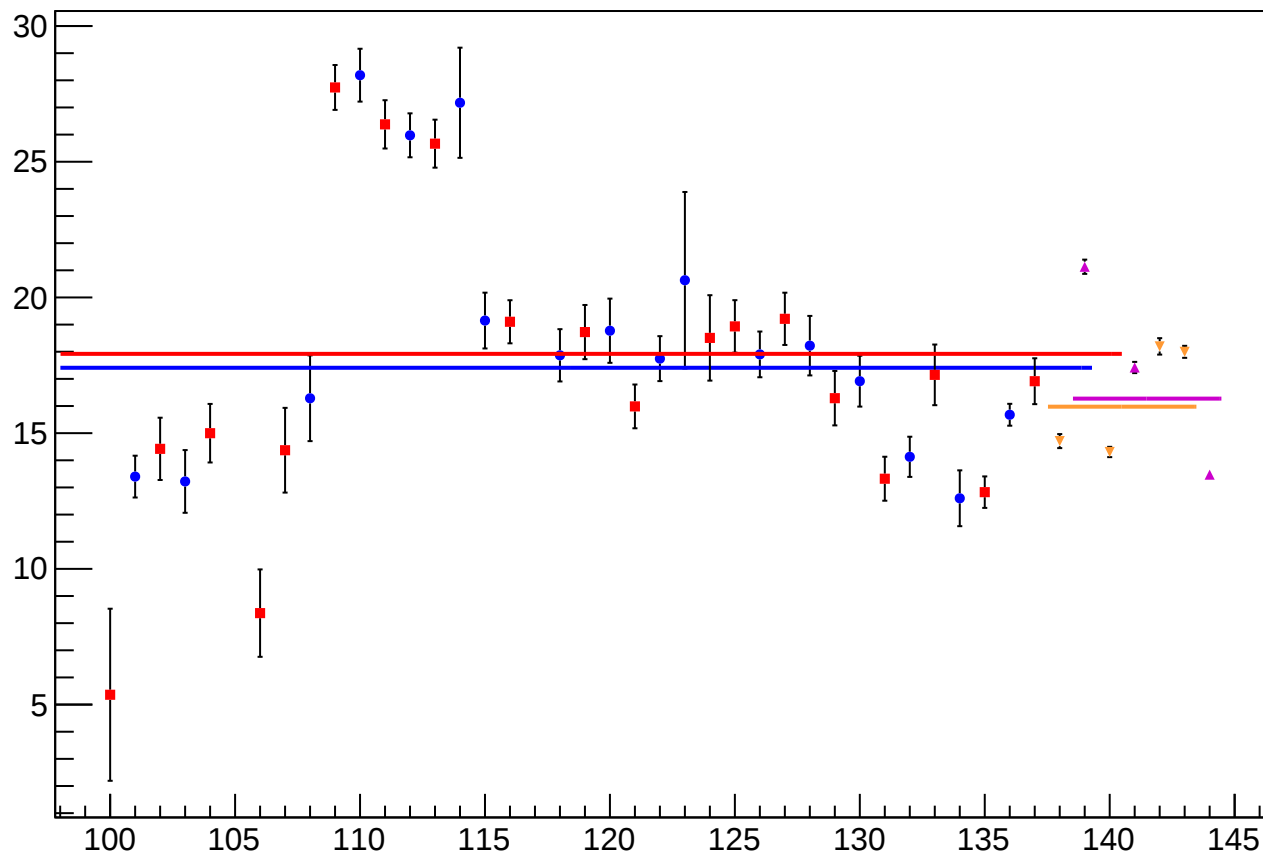
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.387 ± 0.069 χ^2/NDF : 324.7/19

Out: 1.174 ± 0.068 χ^2/NDF : 676.2/22

All: 1.280 ± 0.048 χ^2/NDF : 1005.7/42

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 15.976 $\pm$ 0.116 χ^2 /NDF:238.8/3

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 16.273 $\pm$ 0.117 χ^2 /NDF:645.9/2

Left: 16.123 $\pm$ 0.083 χ^2 /NDF: 887.9/6

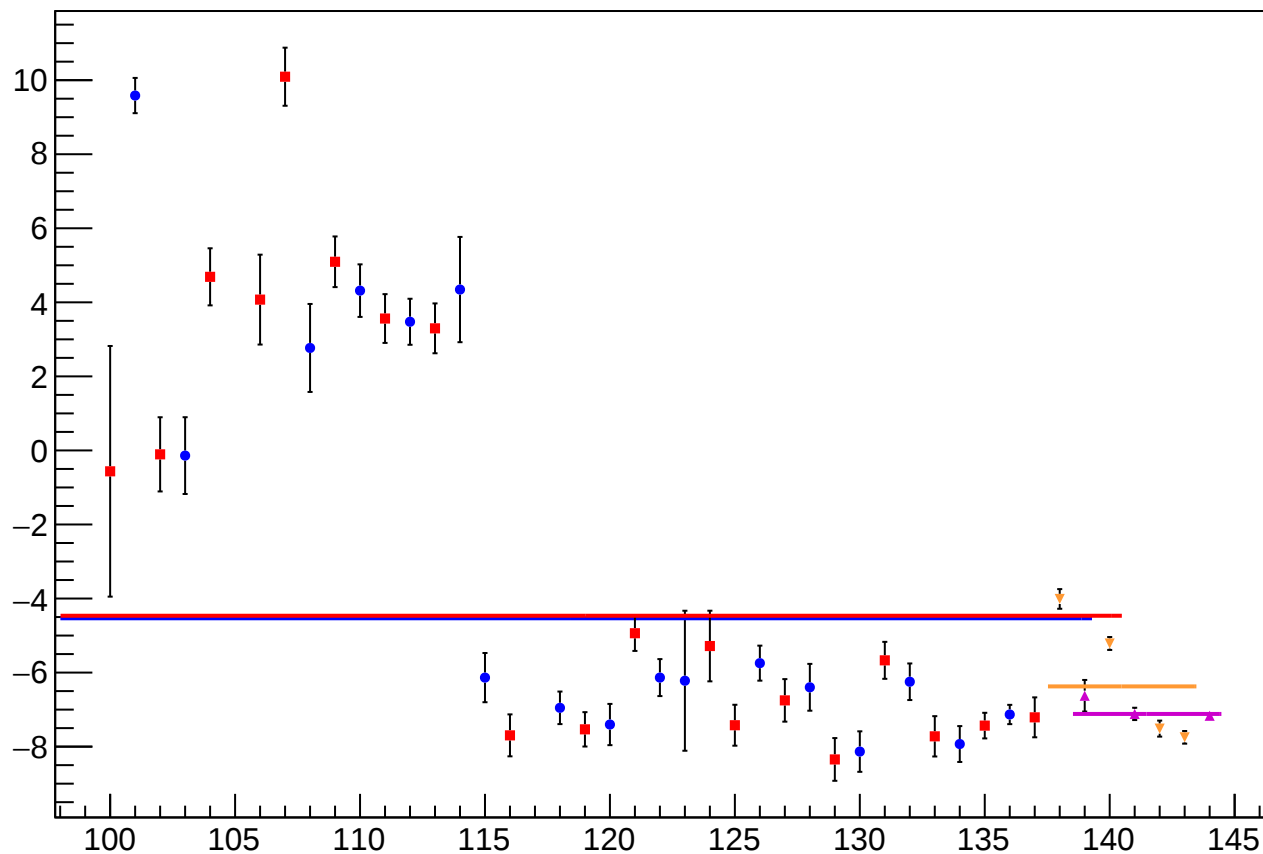
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 16.539 $\pm$ 0.103 χ^2 /NDF:1033.0/19

Out: 16.404 $\pm$ 0.103 χ^2 /NDF:807.0/22

All: 16.471 $\pm$ 0.073 χ^2 /NDF: 1840.9/42

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.373 ± 0.099 χ^2/NDF : 215.9/3

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.117 ± 0.101 χ^2/NDF : 1.5/2

Left: -6.736 ± 0.071 χ^2/NDF : 245.0/6

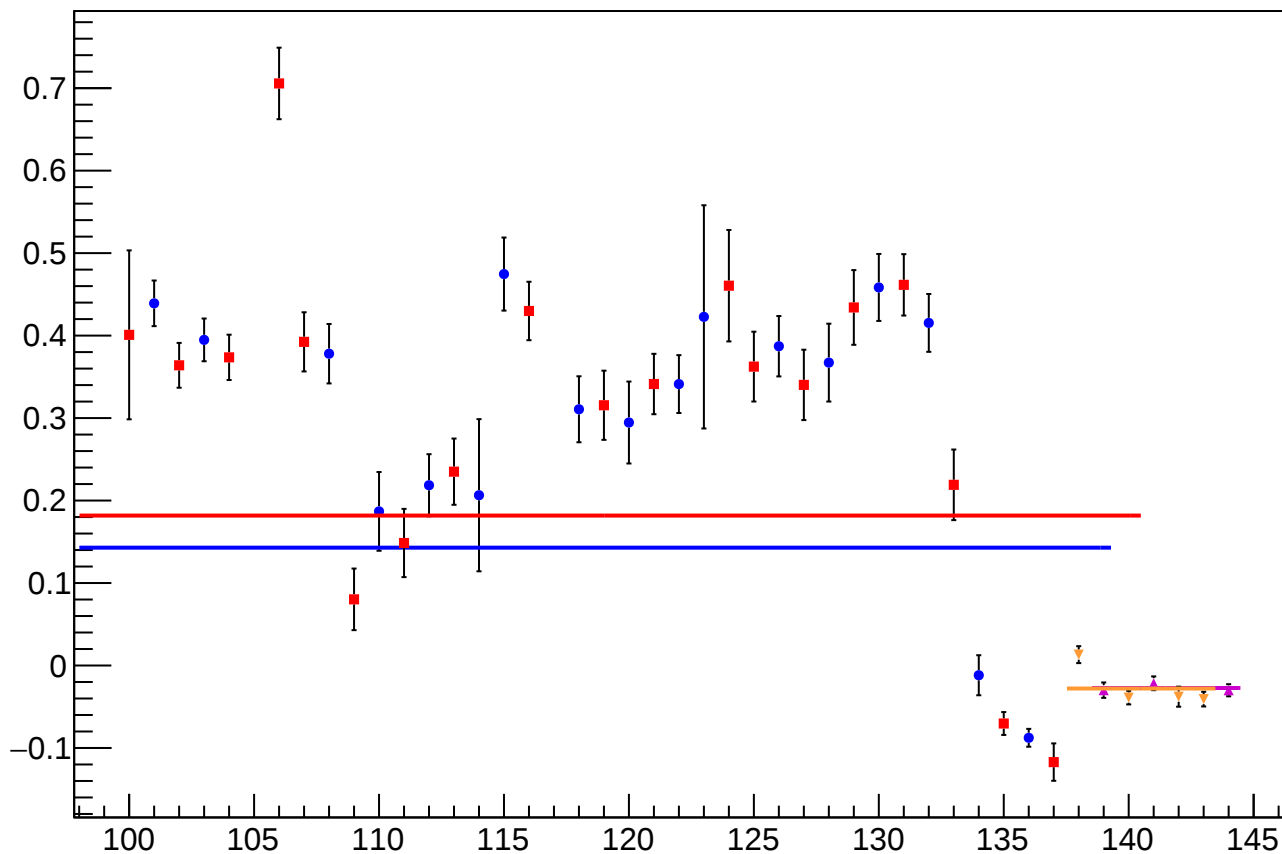
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.138 ± 0.080 χ^2/NDF : 1836.6/19

Out: -5.720 ± 0.080 χ^2/NDF : 1684.5/22

All: -5.930 ± 0.057 χ^2/NDF : 3534.8/42

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.028 $\pm$ 0.005 χ^2 /NDF:20.5/3

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: -0.027 $\pm$ 0.005 χ^2 /NDF:0.7/2

Left: -0.028 $\pm$ 0.003 χ^2 /NDF: 21.2/6

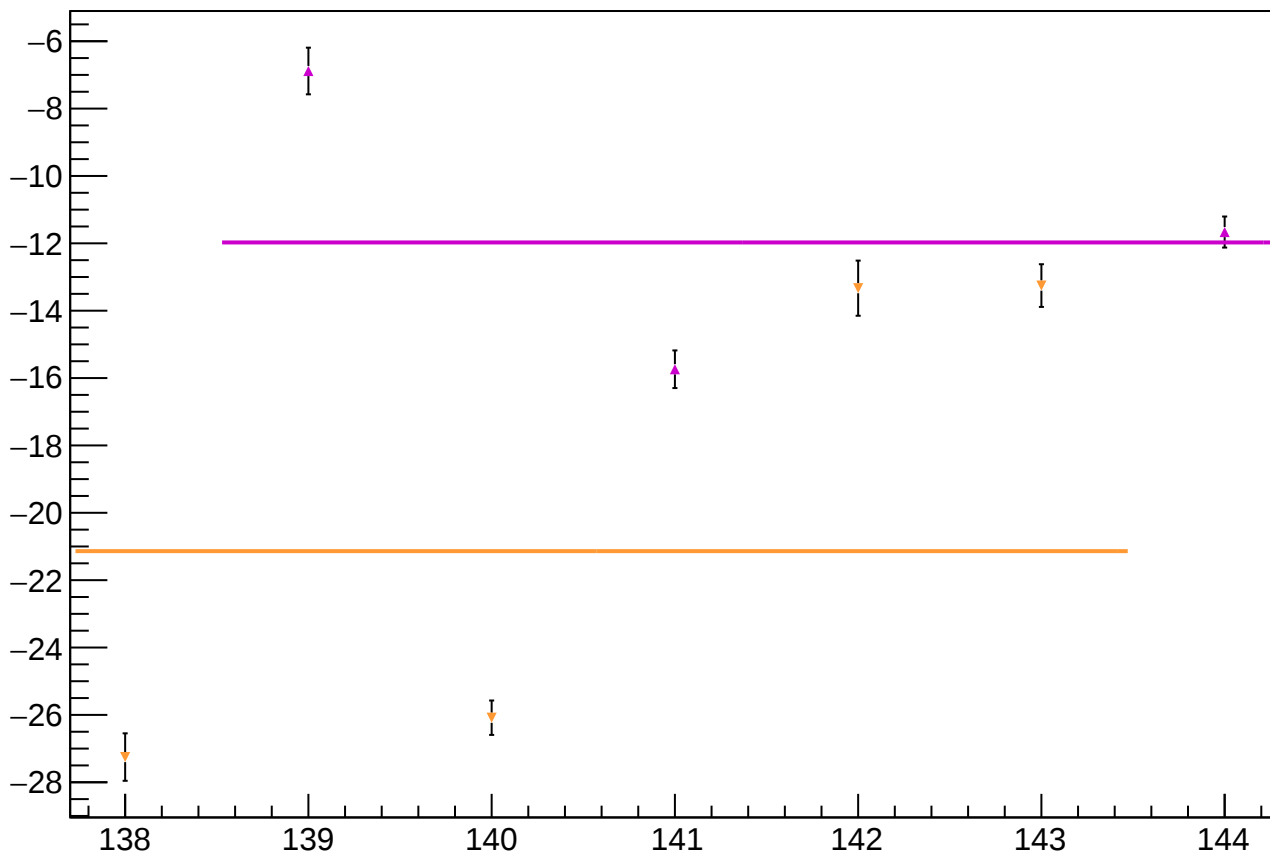
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.026 $\pm$ 0.004 χ^2 /NDF:1459.8/19

Out: 0.034 $\pm$ 0.004 χ^2 /NDF:1595.8/22

All: 0.030 $\pm$ 0.003 χ^2 /NDF: 3058.0/42

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: -11.974+/-0.316 χ^2/NDF :99.8/2

Left: -16.518+/-0.225 χ^2/NDF : 931.0/6

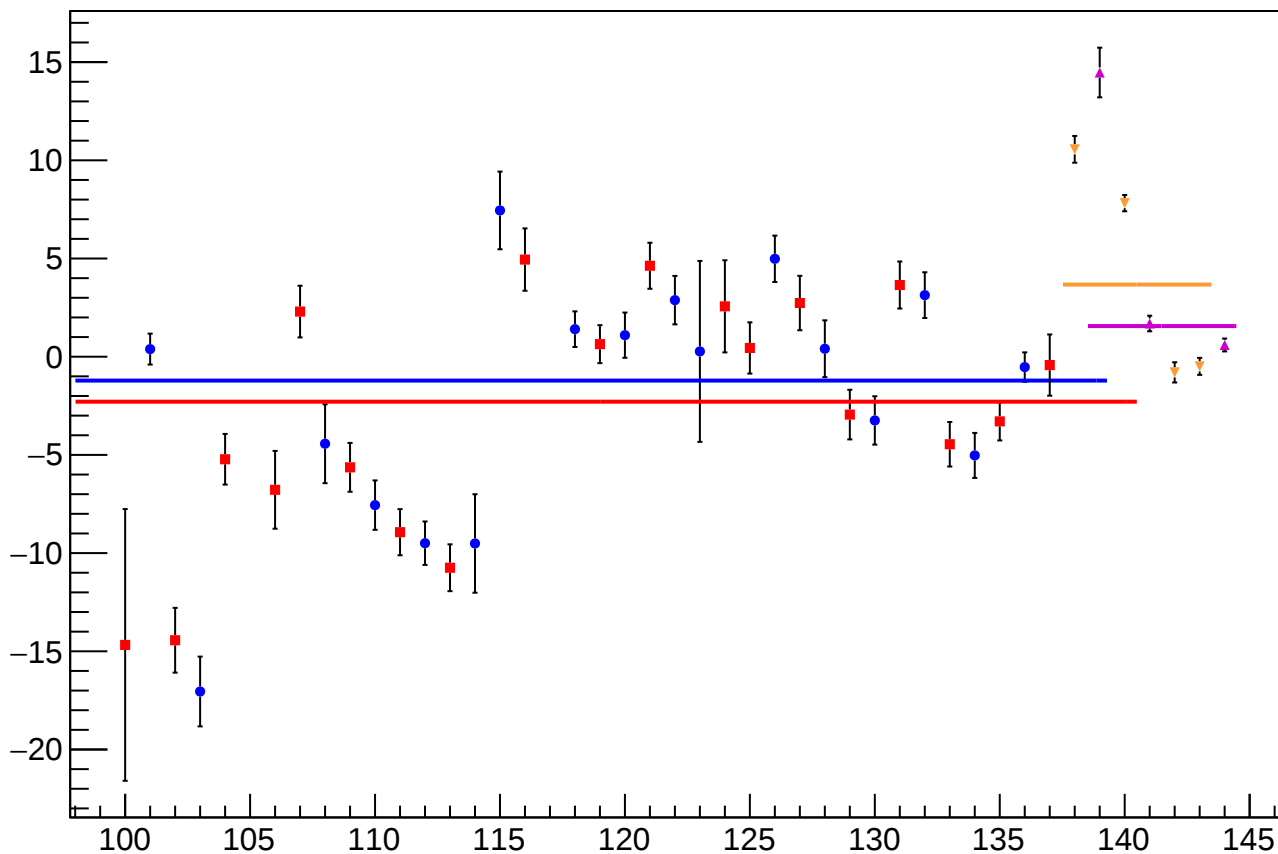
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.974+/-0.316 χ^2/NDF :99.8/2

Out: -21.138+/-0.319 χ^2/NDF :414.8/3

All: -16.518+/-0.225 χ^2/NDF : 931.0/6

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 3.674 ± 0.242 χ^2/NDF : 370.1/3

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 1.560 ± 0.248 χ^2/NDF : 112.9/2

Left: 2.643 ± 0.173 χ^2/NDF : 520.2/6

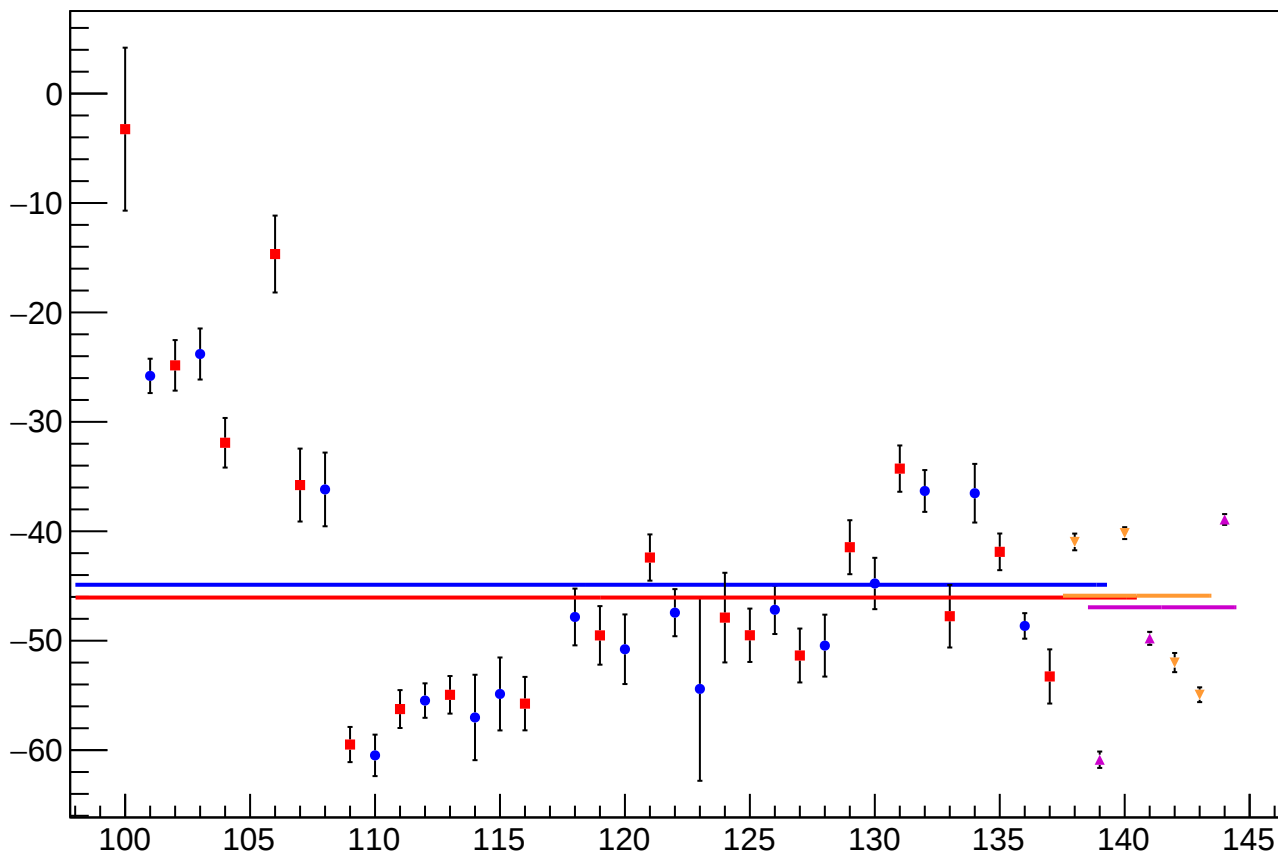
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 0.390 ± 0.189 χ^2/NDF : 444.4/19

Out: 1.344 ± 0.189 χ^2/NDF : 894.6/22

All: 0.866 ± 0.133 χ^2/NDF : 1351.8/42

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: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$

Left In: -46.946 ± 0.339 $\chi^2/\text{NDF}: 633.3/2$

Left: -46.421 ± 0.240 $\chi^2/\text{NDF}: 1018.2/6$

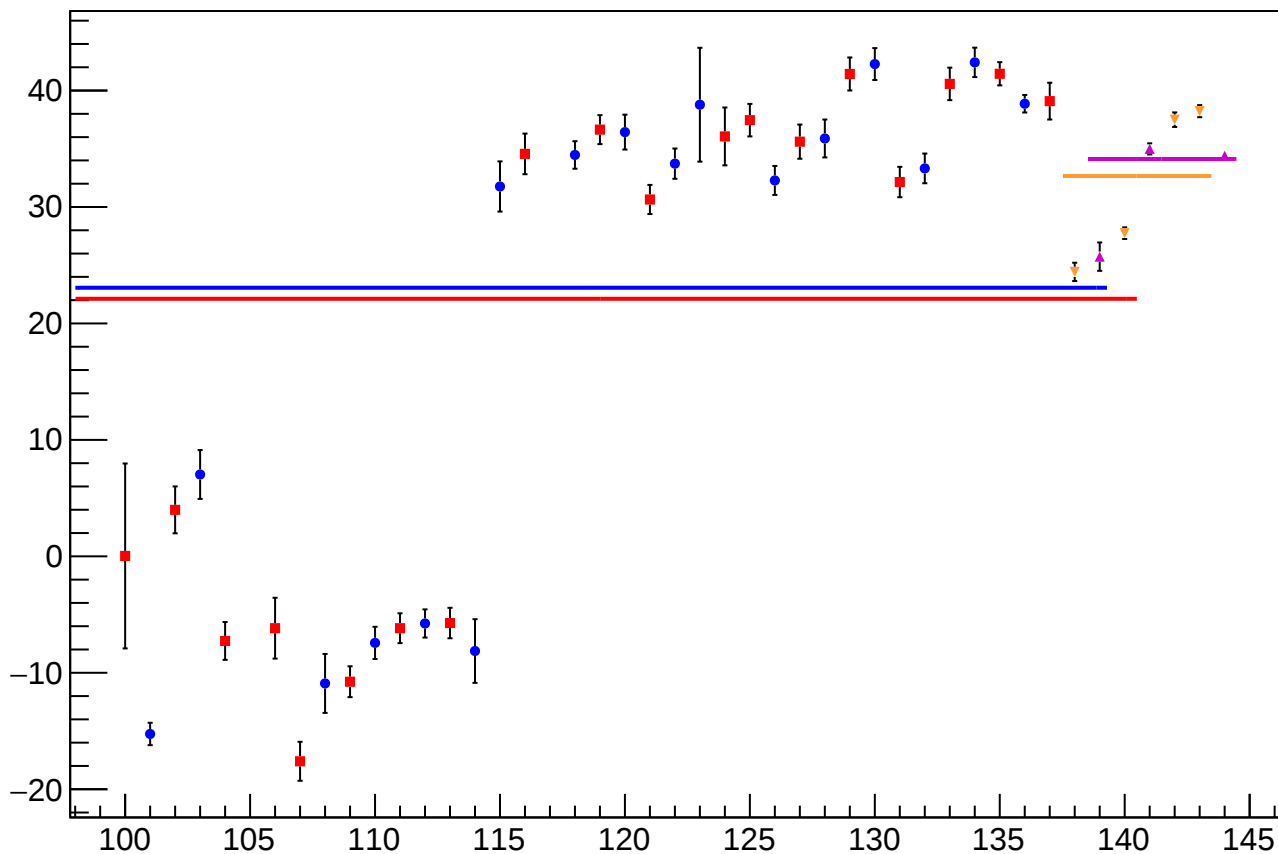
Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$

In: -46.339 ± 0.284 $\chi^2/\text{NDF}: 1064.6/19$

Out: -45.937 ± 0.287 $\chi^2/\text{NDF}: 833.9/22$

All: -46.140 ± 0.202 $\chi^2/\text{NDF}: 1899.5/42$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 32.659 $\pm$ 0.291 χ^2 /NDF:379.2/3

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 34.121 $\pm$ 0.293 χ^2 /NDF:51.1/2

Left: 33.384 $\pm$ 0.206 χ^2 /NDF: 442.9/6

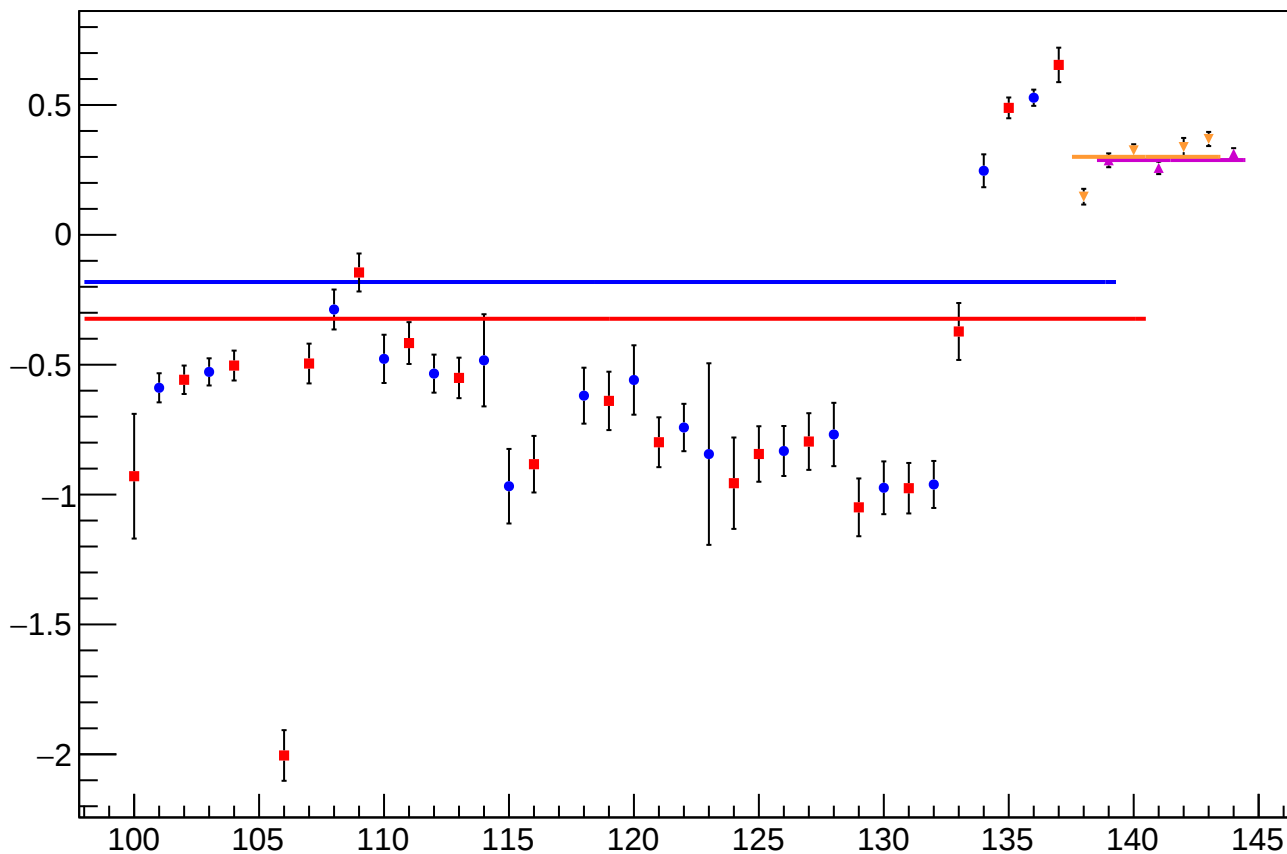
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 29.190 $\pm$ 0.218 χ^2 /NDF:5019.6/19

Out: 28.203 $\pm$ 0.221 χ^2 /NDF:4968.2/22

All: 28.703 $\pm$ 0.155 χ^2 /NDF: 9998.0/42

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182+/-0.018 χ^2/NDF : 996.9/16

Left Out: 0.300+/-0.014 χ^2/NDF :34.2/3

Right Out: -0.323+/-0.018 χ^2/NDF : 1183.9/18

Left In: 0.288+/-0.014 χ^2/NDF :2.9/2

Left: 0.294+/-0.010 χ^2/NDF : 37.5/6

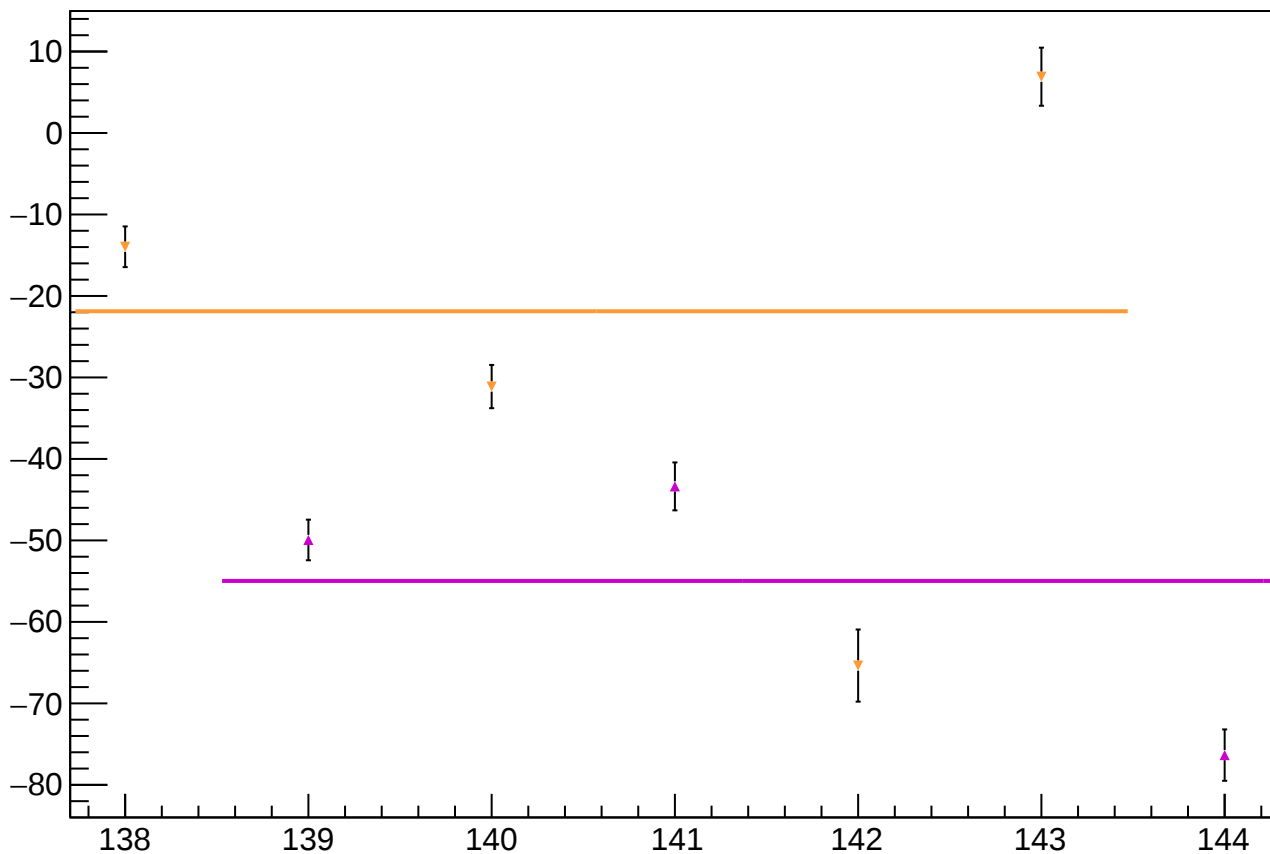
Right: -0.251+/-0.013 χ^2/NDF : 2211.9/35

In: 0.113+/-0.011 χ^2/NDF :1439.2/19

Out: 0.066+/-0.011 χ^2/NDF :1953.6/22

All: 0.090+/-0.008 χ^2/NDF : 3401.9/42

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: -54.973+/-1.628 χ^2/NDF :65.6/2

Left: -37.300+/-1.112 χ^2/NDF : 470.1/6

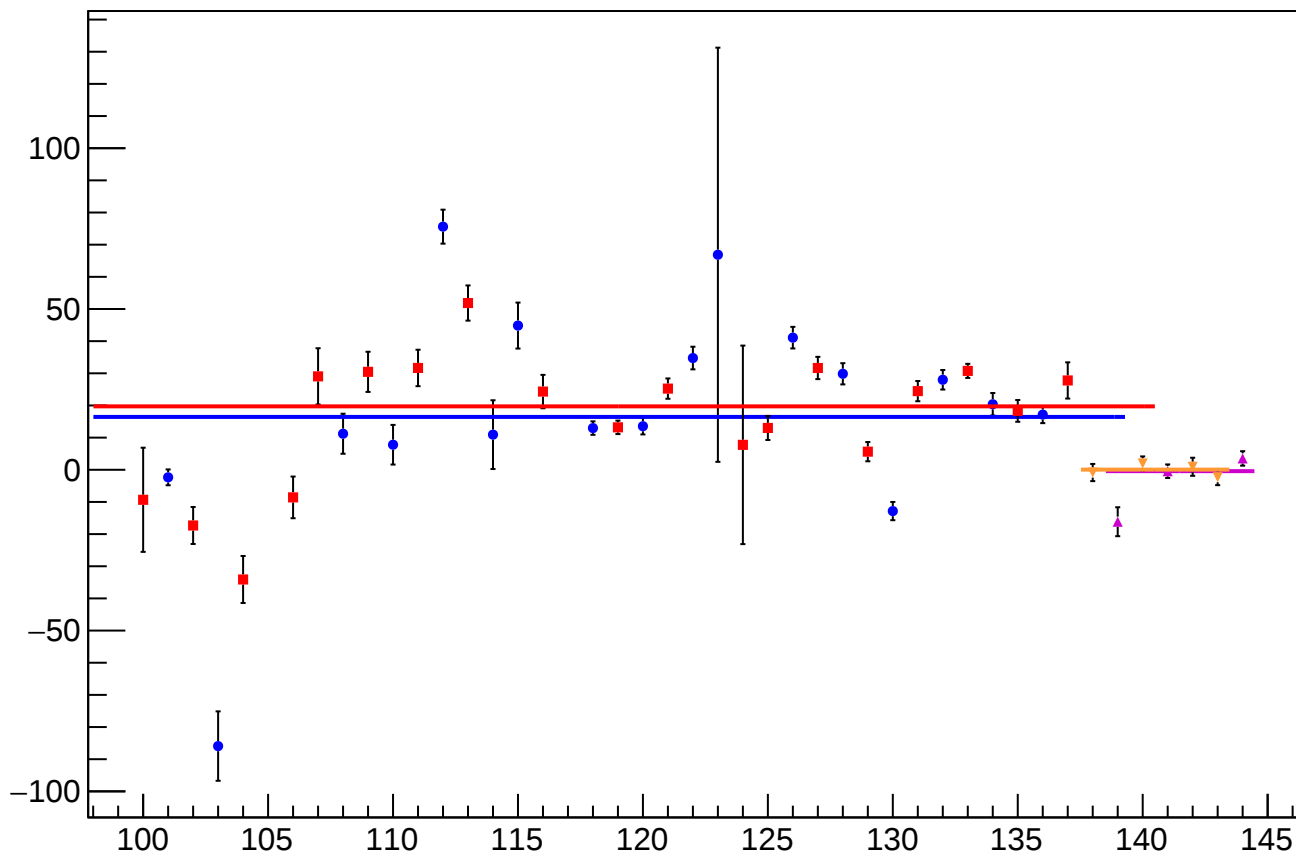
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.973+/-1.628 χ^2/NDF :65.6/2

Out: -21.875+/-1.521 χ^2/NDF :183.9/3

All: -37.300+/-1.112 χ^2/NDF : 470.1/6

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: 19.724 ± 0.898 $\chi^2/\text{NDF}: 241.7/18$

Left In: -0.424 ± 1.455 $\chi^2/\text{NDF}: 15.3/2$

Left: -0.151 ± 0.948 $\chi^2/\text{NDF}: 17.3/6$

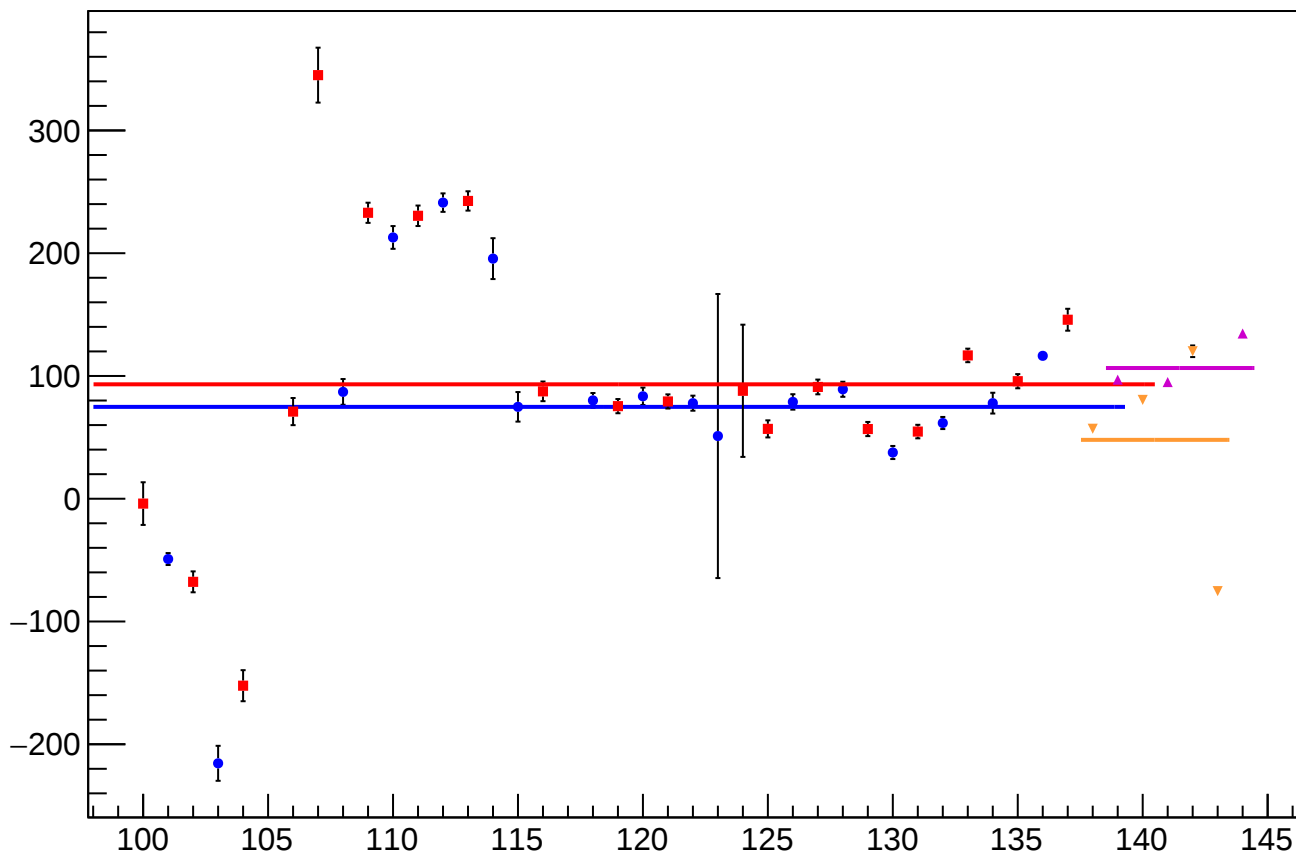
Right: 17.989 ± 0.617 $\chi^2/\text{NDF}: 765.7/35$

In: 12.160 ± 0.733 $\chi^2/\text{NDF}: 632.5/19$

Out: 13.030 ± 0.729 $\chi^2/\text{NDF}: 407.0/22$

All: 12.597 ± 0.517 $\chi^2/\text{NDF}: 1040.2/42$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 47.962+/-1.633 χ^2/NDF : 1425.9/3

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 106.483+/-1.747 χ^2/NDF : 95.3/2

Left: 75.242+/-1.193 χ^2/NDF : 2120.1/6

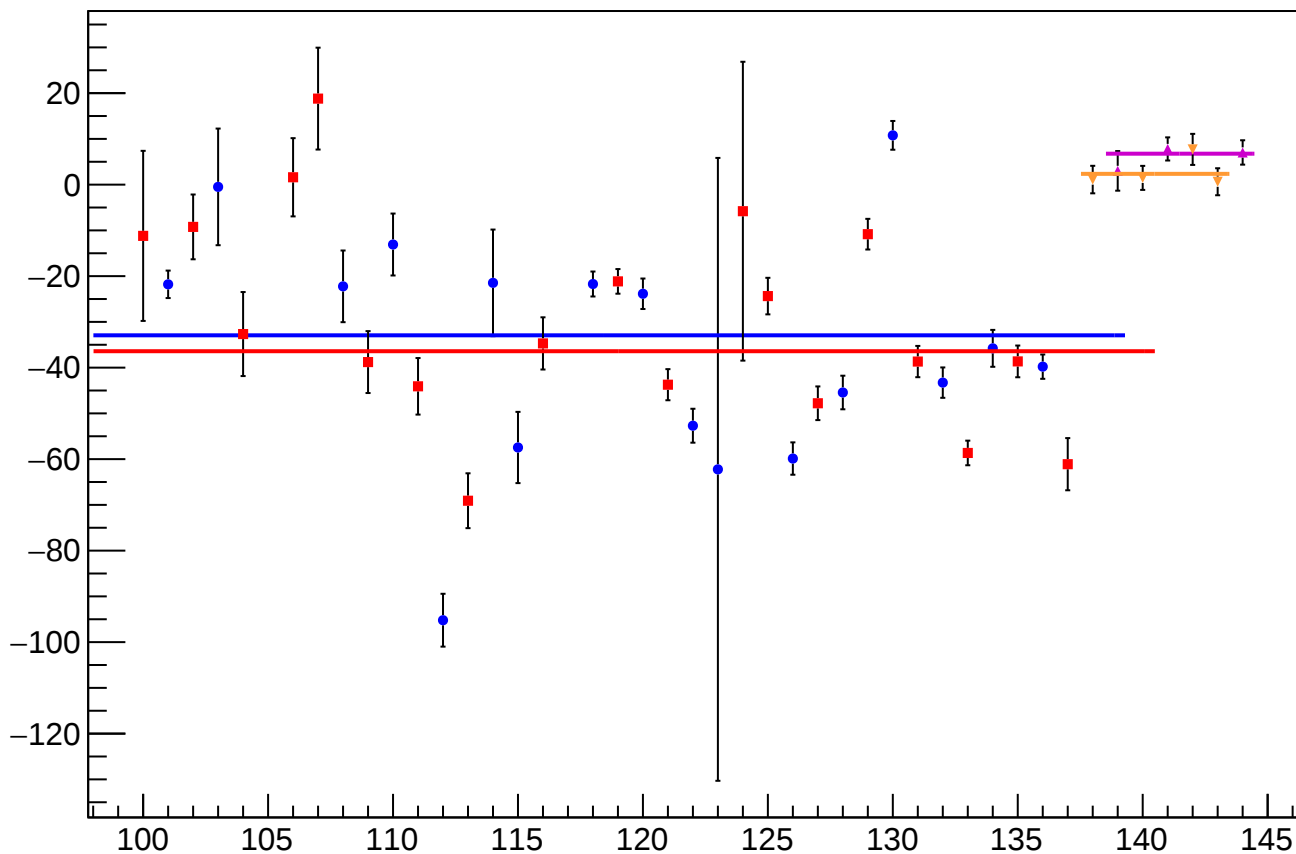
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 89.639+/-1.195 χ^2/NDF : 2266.8/19

Out: 69.515+/-1.181 χ^2/NDF : 3792.4/22

All: 79.460+/-0.840 χ^2/NDF : 6202.6/42

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: 2.359 ± 1.479 χ^2/NDF : 3.1/3

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: 6.766 ± 1.689 χ^2/NDF : 0.9/2

Left: 4.272 ± 1.113 χ^2/NDF : 7.9/6

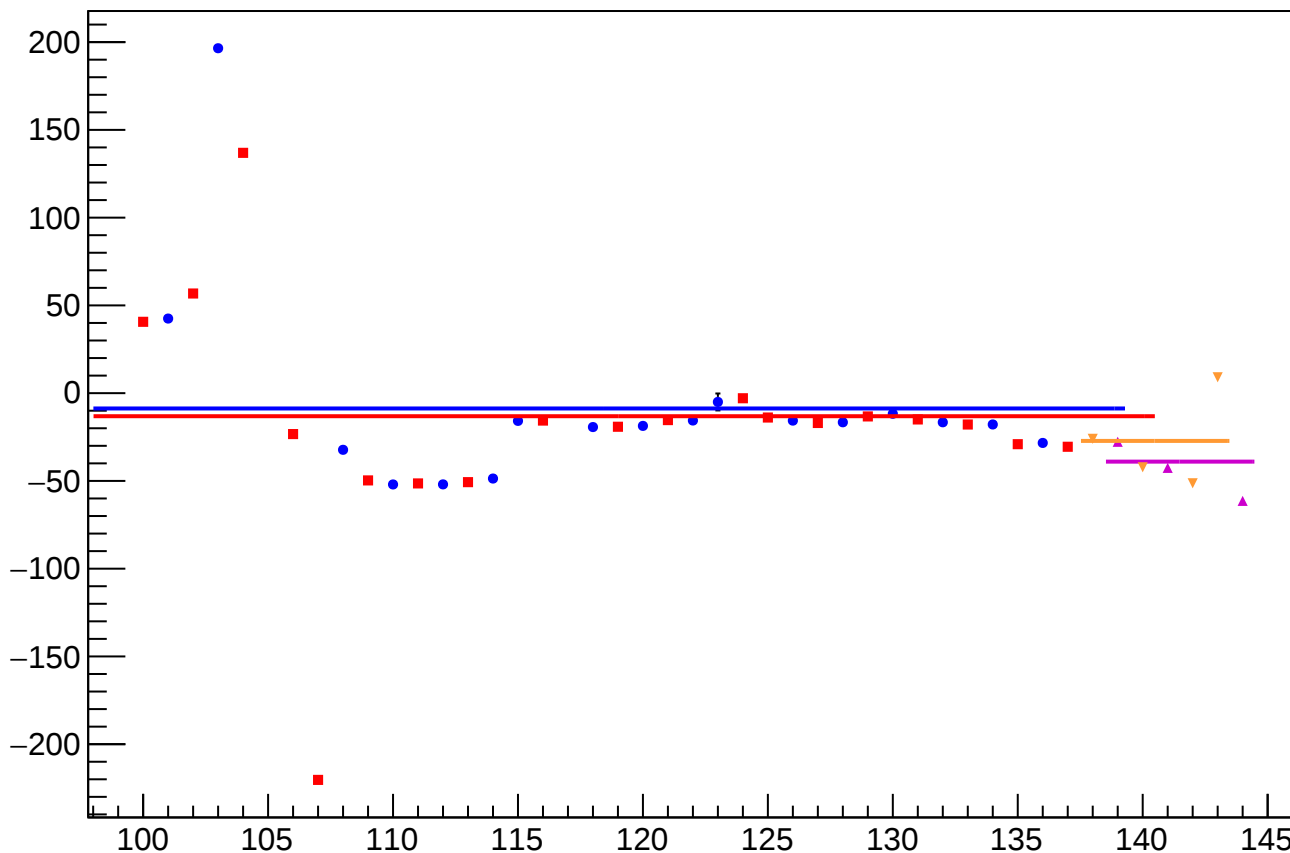
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -23.037 ± 0.843 χ^2/NDF : 906.5/19

Out: -23.827 ± 0.843 χ^2/NDF : 762.4/22

All: -23.432 ± 0.596 χ^2/NDF : 1669.4/42

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -27.208 ± 0.066 $\chi^2/\text{NDF}: 87686.4/3$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -39.009 ± 0.068 $\chi^2/\text{NDF}: 37832.3/2$

Left: -33.007 ± 0.047 $\chi^2/\text{NDF}: 141052.6/6$

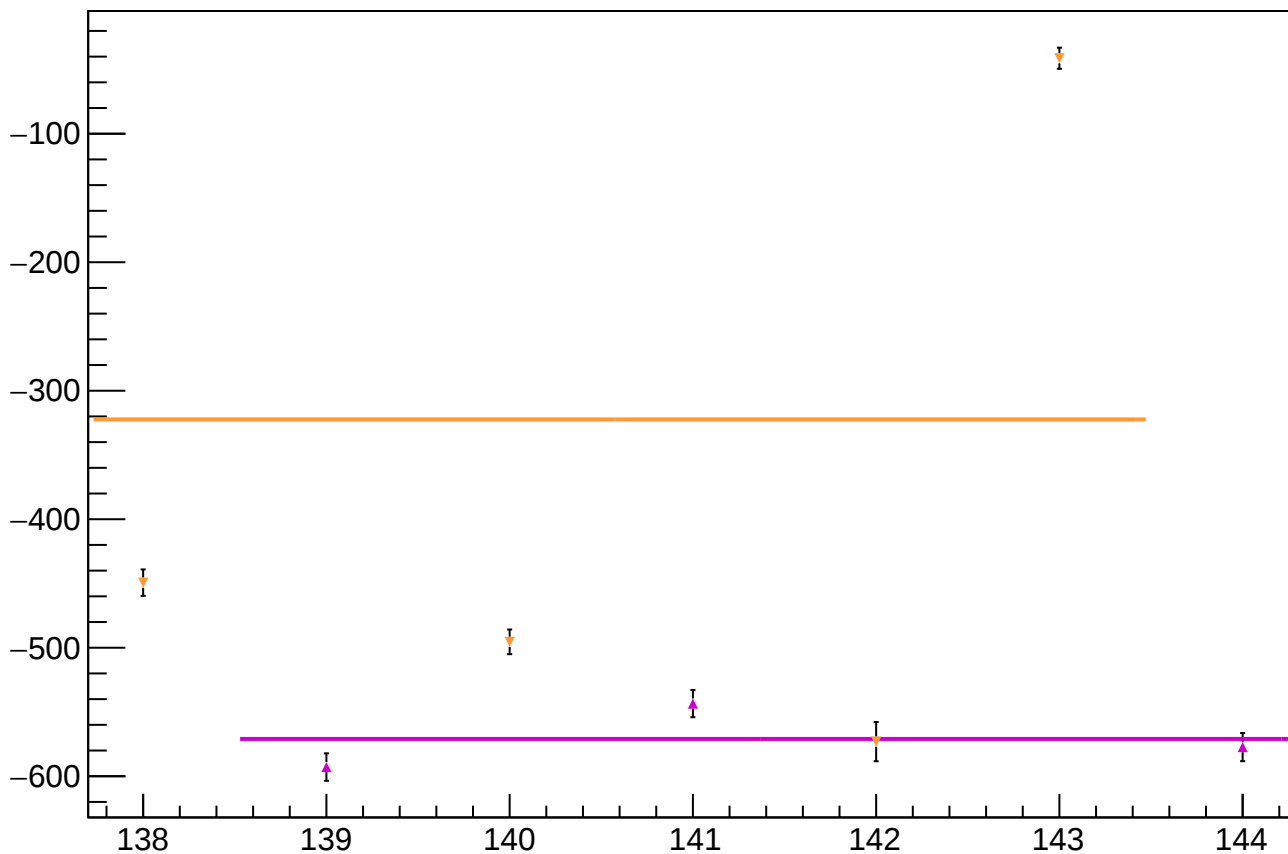
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -21.802 ± 0.044 $\chi^2/\text{NDF}: 727974.4/19$

Out: -19.664 ± 0.045 $\chi^2/\text{NDF}: 670407.6/22$

All: -20.753 ± 0.032 $\chi^2/\text{NDF}: 1399521.0/42$

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: -570.963+/-6.197 χ^2/NDF :11.3/2

Left: -421.320+/-3.910 χ^2/NDF : 2895.4/6

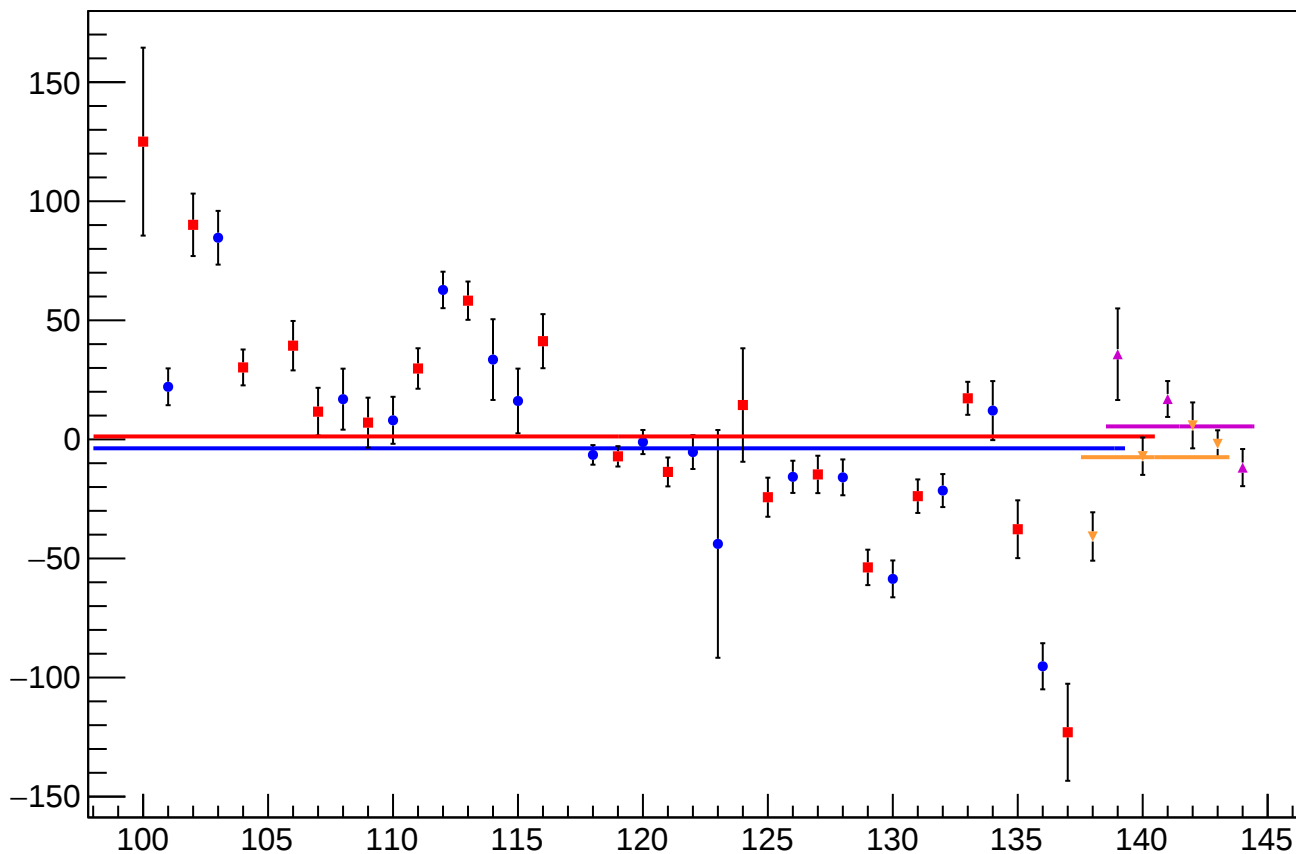
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -570.963+/-6.197 χ^2/NDF :11.3/2

Out: -322.331+/-5.040 χ^2/NDF :1915.2/3

All: -421.320+/-3.910 χ^2/NDF : 2895.4/6

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 $\chi^2/\text{NDF}: 314.1/16$

Left Out: -7.471 ± 3.851 $\chi^2/\text{NDF}: 13.6/3$

Right Out: 1.241 ± 1.916 $\chi^2/\text{NDF}: 303.5/18$

Left In: 5.456 ± 5.215 $\chi^2/\text{NDF}: 9.7/2$

Left: -2.909 ± 3.098 $\chi^2/\text{NDF}: 27.3/6$

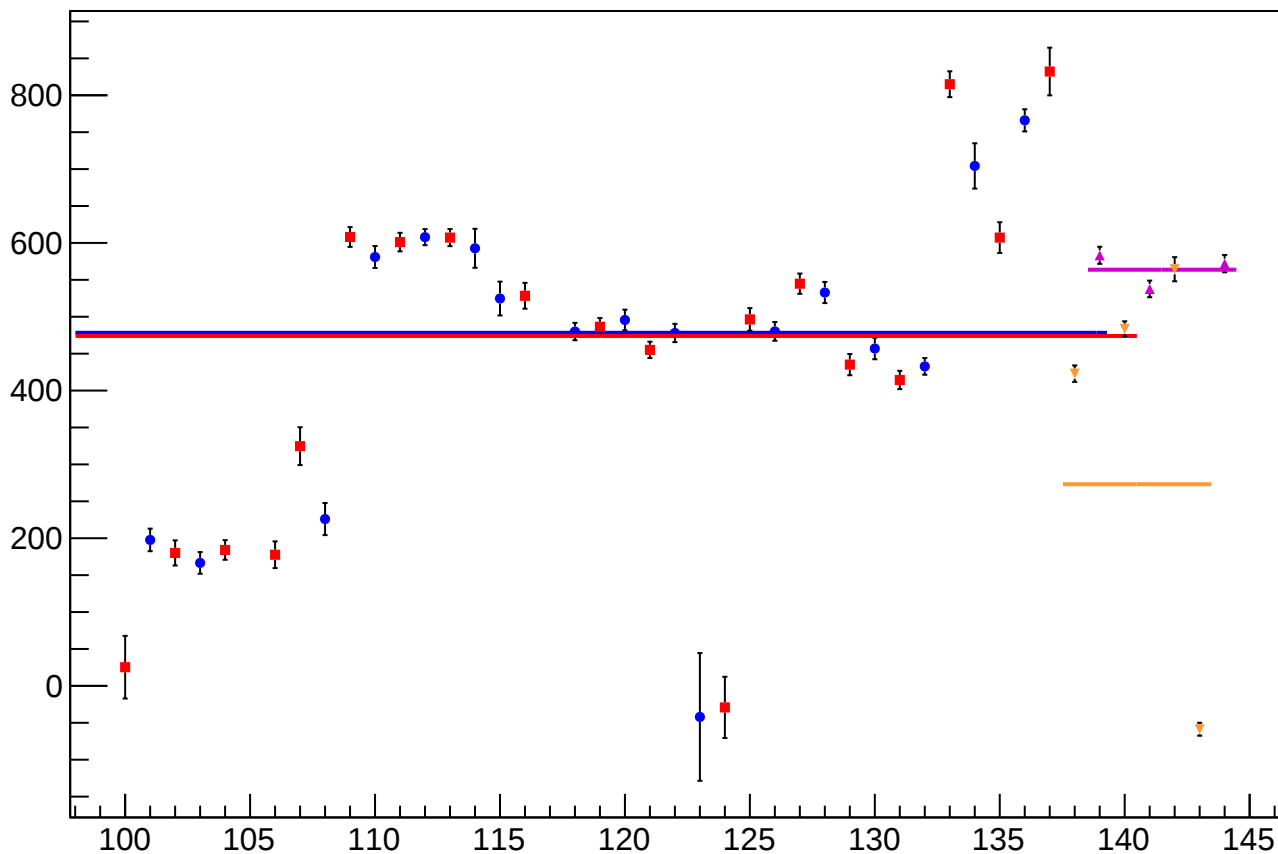
Right: -1.282 ± 1.346 $\chi^2/\text{NDF}: 621.1/35$

In: -2.673 ± 1.778 $\chi^2/\text{NDF}: 326.6/19$

Out: -0.487 ± 1.715 $\chi^2/\text{NDF}: 321.3/22$

All: -1.541 ± 1.235 $\chi^2/\text{NDF}: 648.6/42$

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 273.126+/-5.396 χ^2/NDF :2352.9/3

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 563.719+/-6.642 χ^2/NDF :8.7/2

Left: 388.657+/-4.188 χ^2/NDF : 3514.7/6

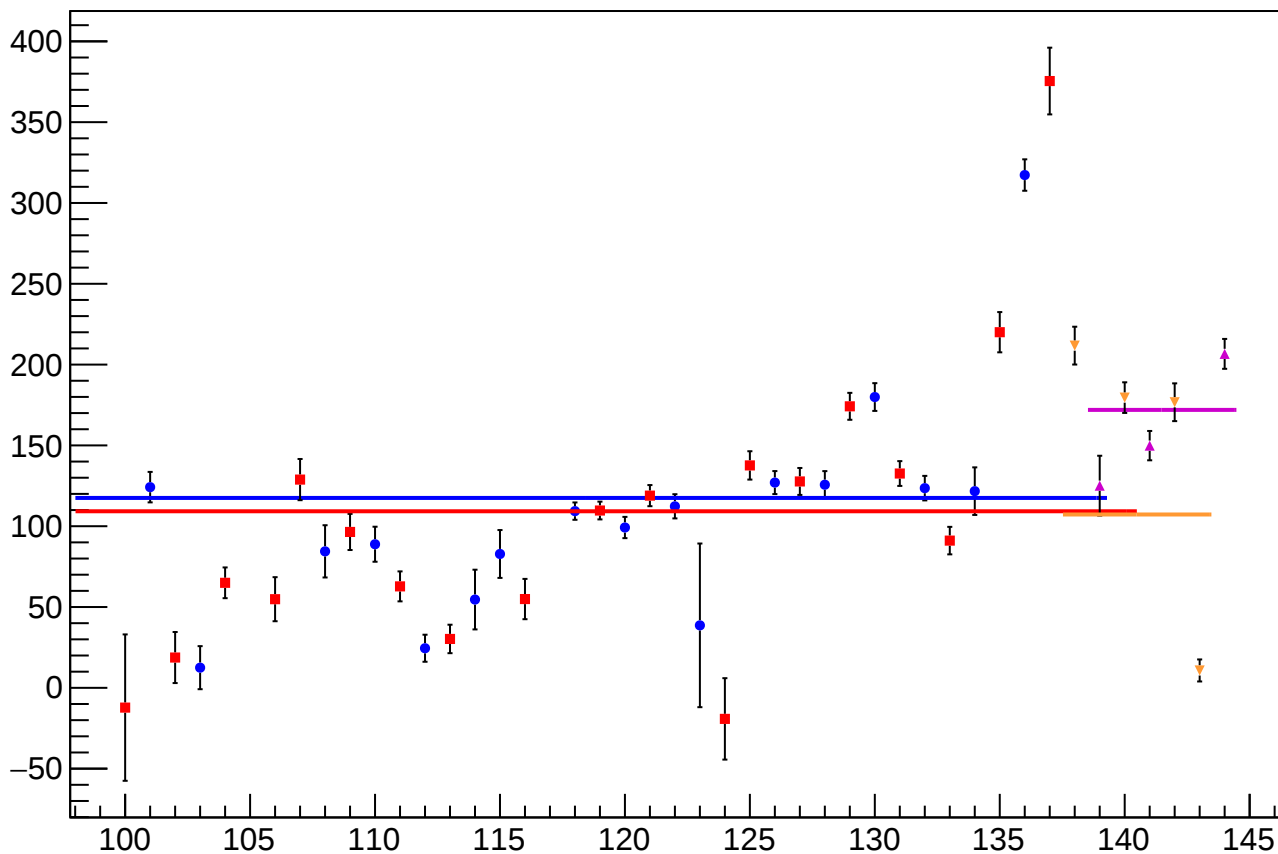
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 497.987+/-3.191 χ^2/NDF :1763.9/19

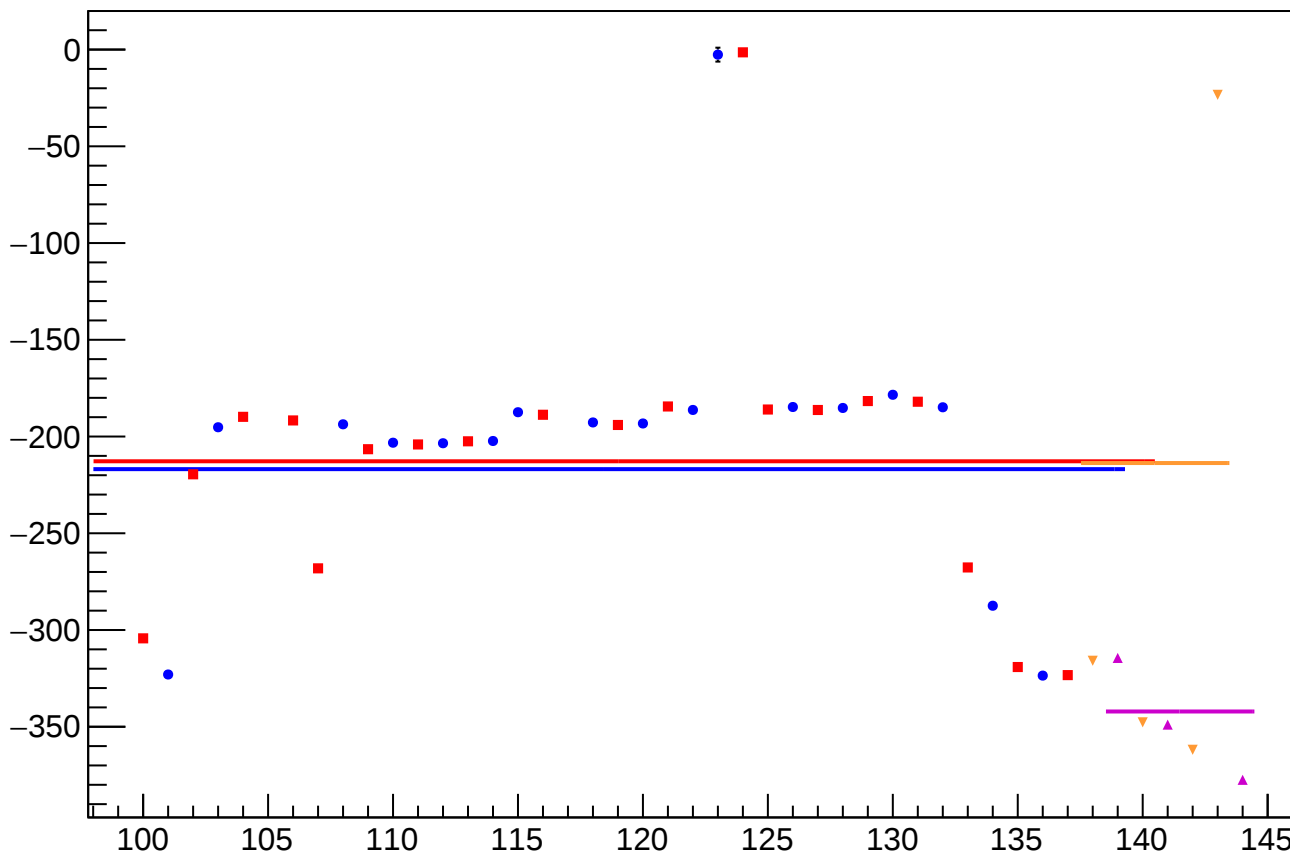
Out: 413.798+/-2.953 χ^2/NDF :5611.7/22

All: 452.645+/-2.167 χ^2/NDF : 7750.6/42

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -213.700 ± 0.221 $\chi^2/\text{NDF}: 485780.4/3$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -342.113 ± 0.261 $\chi^2/\text{NDF}: 9600.0/2$

Left: -267.281 ± 0.169 $\chi^2/\text{NDF}: 636209.0/6$

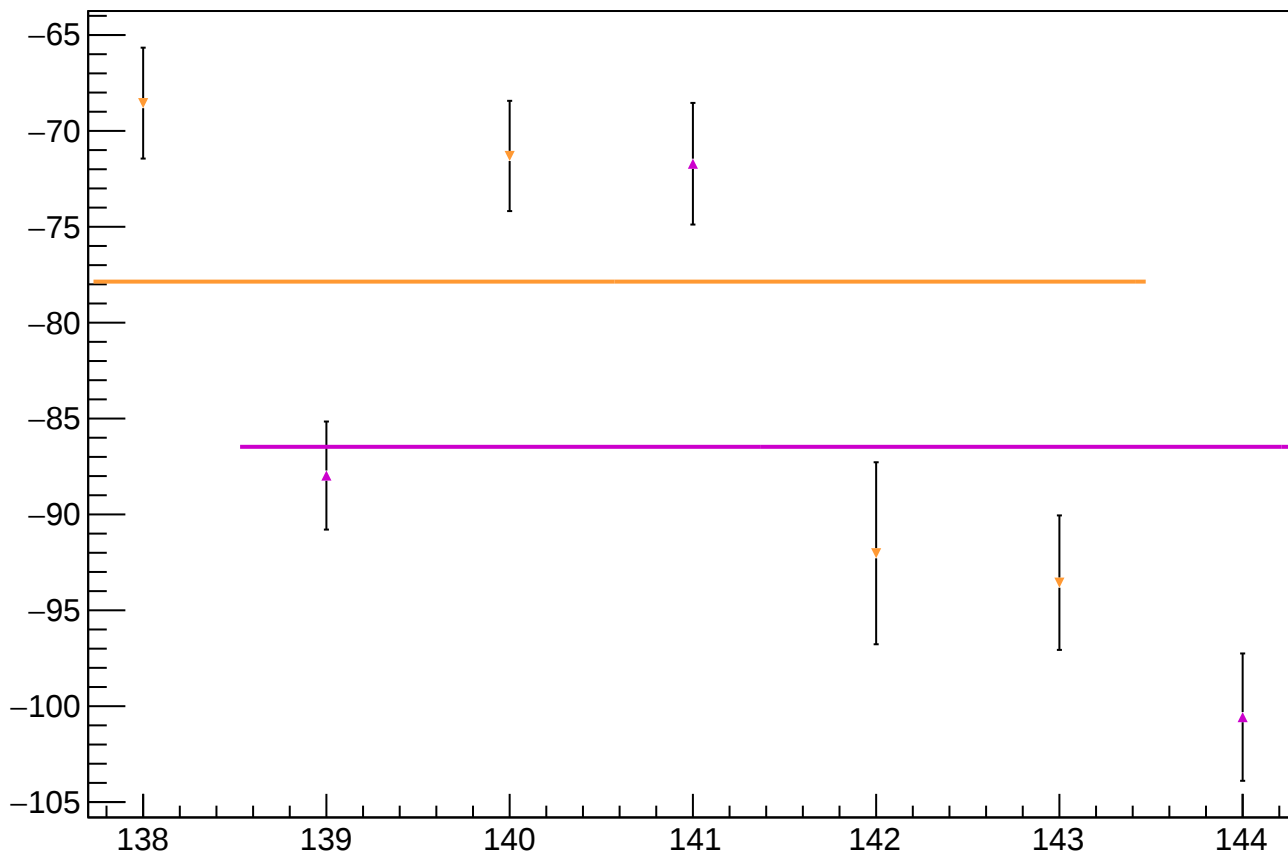
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -243.523 ± 0.121 $\chi^2/\text{NDF}: 337506.6/19$

Out: -213.026 ± 0.112 $\chi^2/\text{NDF}: 602383.6/22$

All: -227.171 ± 0.082 $\chi^2/\text{NDF}: 974219.0/42$

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: -86.474+/-1.779 χ^2/NDF :40.0/2

Left: -81.849+/-1.211 χ^2/NDF : 97.1/6

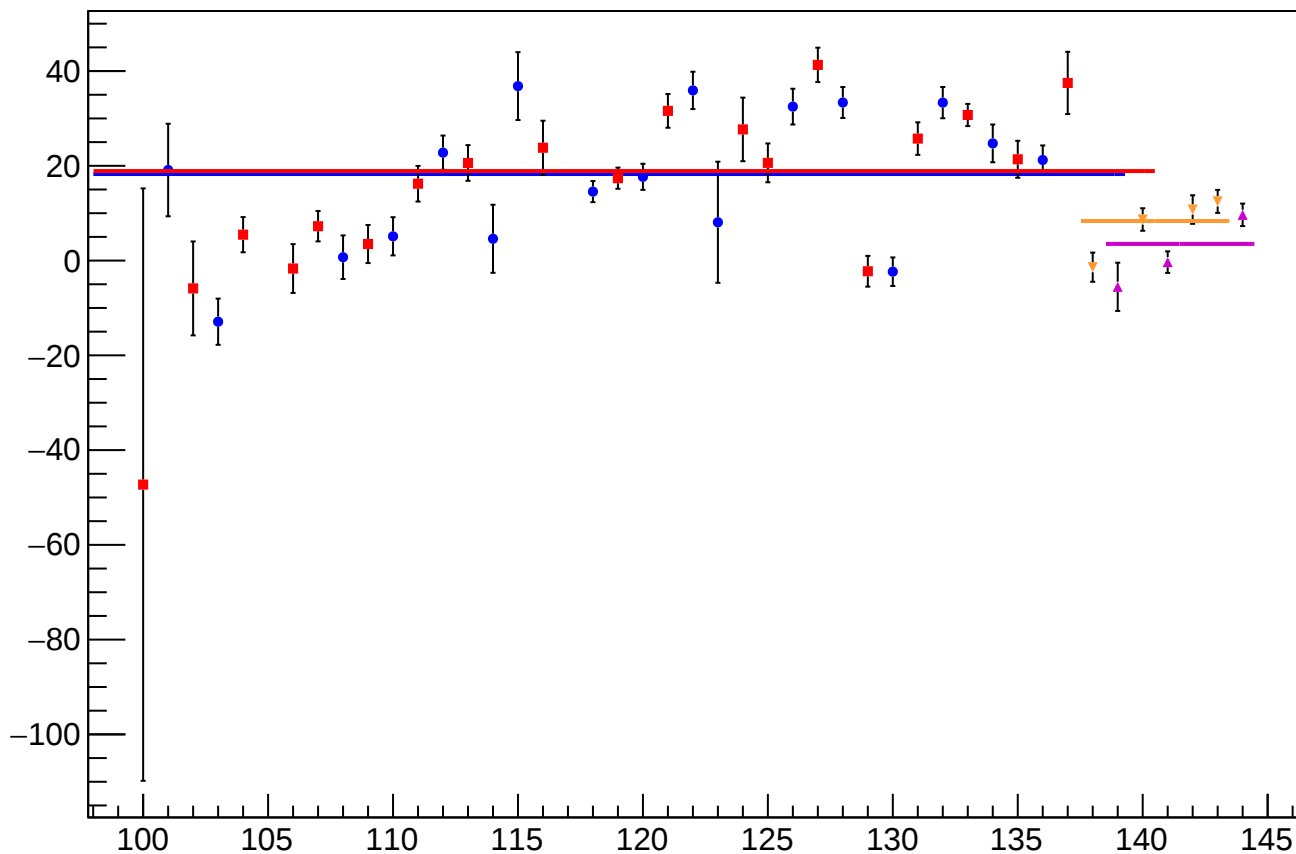
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.474+/-1.779 χ^2/NDF :40.0/2

Out: -77.859+/-1.652 χ^2/NDF :44.5/3

All: -81.849+/-1.211 χ^2/NDF : 97.1/6

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 8.350 $\pm$ 1.333 χ^2 /NDF:13.6/3

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 3.520 $\pm$ 1.562 χ^2 /NDF:12.7/2

Left: 6.315 $\pm$ 1.014 χ^2 /NDF: 31.8/6

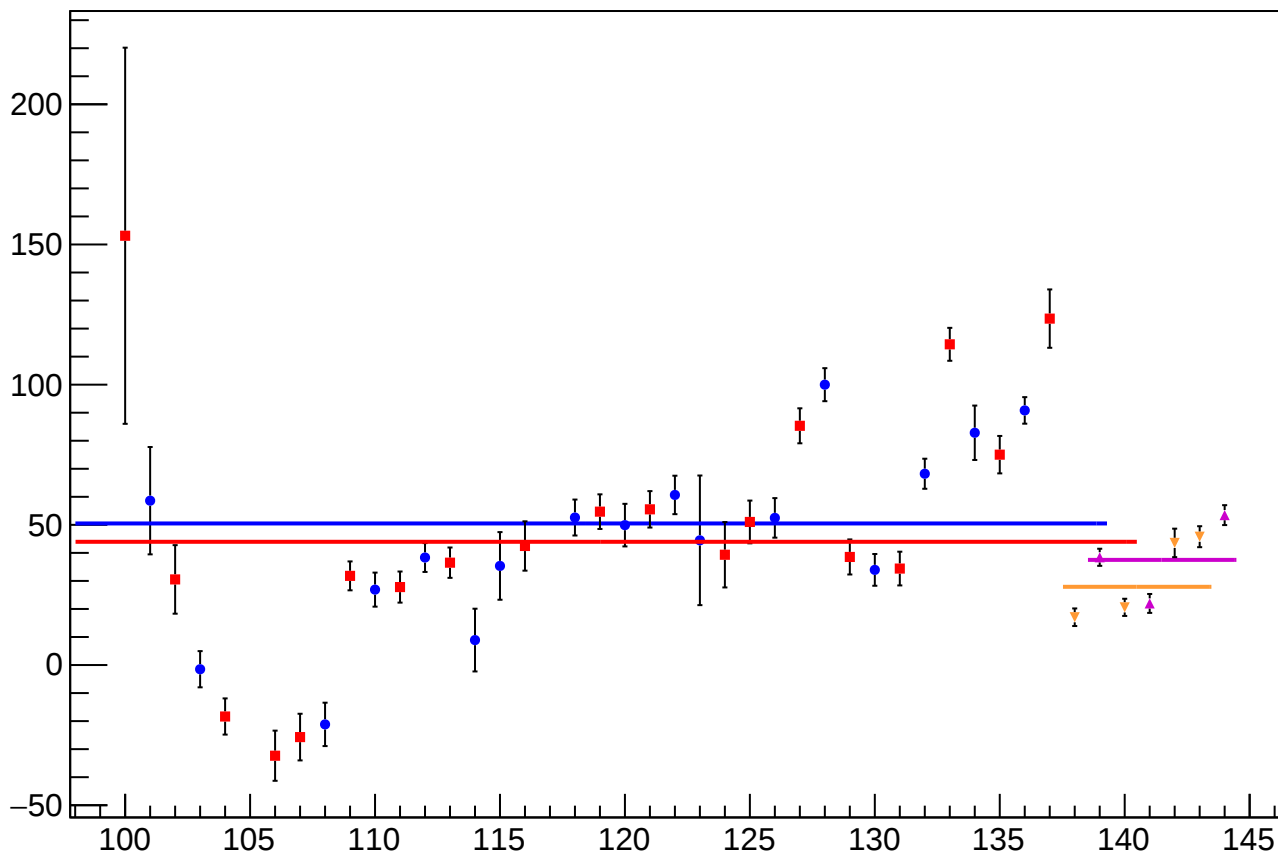
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 14.552 $\pm$ 0.784 χ^2 /NDF:287.7/19

Out: 15.776 $\pm$ 0.725 χ^2 /NDF:256.9/22

All: 15.212 $\pm$ 0.532 χ^2 /NDF: 545.9/42

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 27.901 $\pm$ 1.772 χ^2 /NDF:50.0/3

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: 37.506 $\pm$ 1.908 χ^2 /NDF:41.5/2

Left: 32.349 $\pm$ 1.298 χ^2 /NDF: 105.2/6

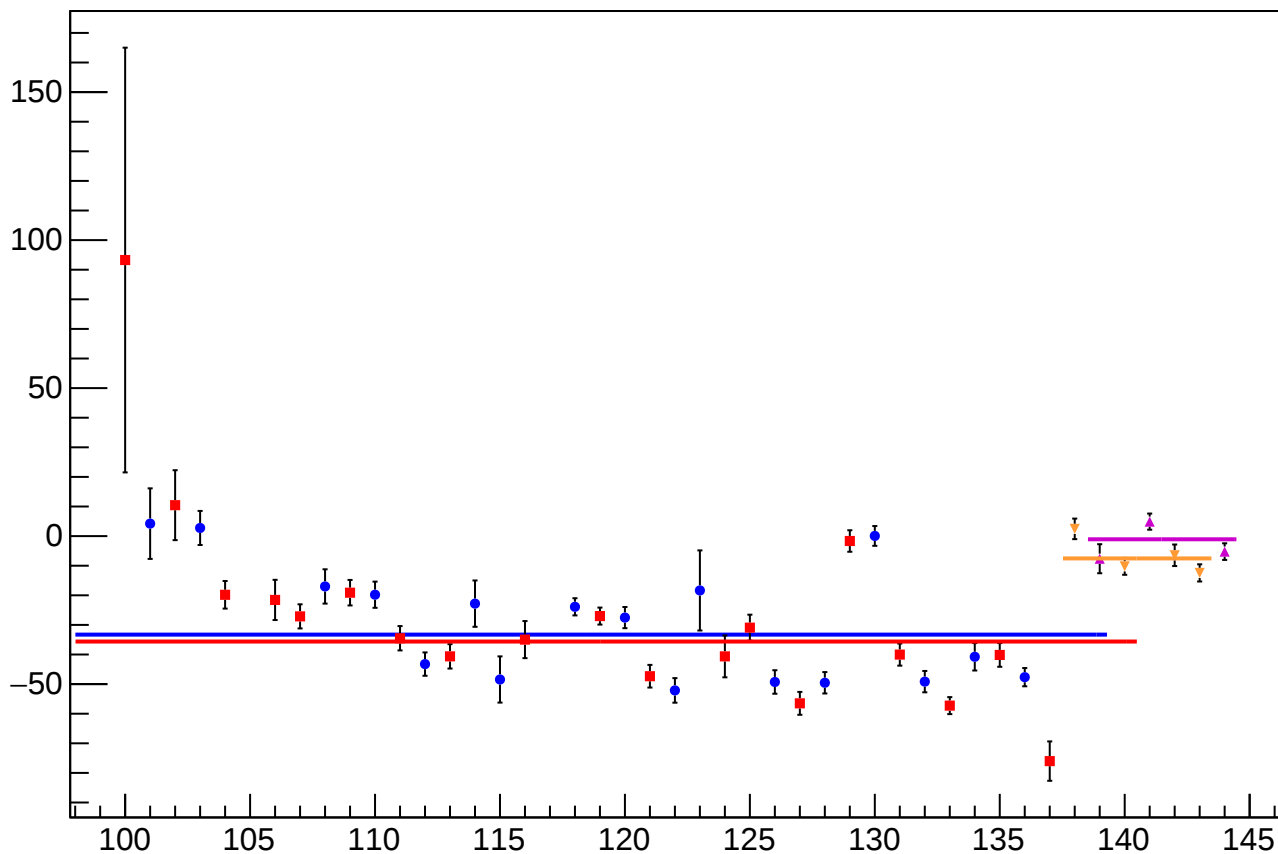
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 44.858 $\pm$ 1.257 χ^2 /NDF:430.9/19

Out: 36.729 $\pm$ 1.189 χ^2 /NDF:629.5/22

All: 40.567 $\pm$ 0.864 χ^2 /NDF: 1082.5/42

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -7.540 ± 1.581 χ^2/NDF : 12.1/3

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -1.075 ± 1.817 χ^2/NDF : 8.8/2

Left: -4.754 ± 1.193 χ^2/NDF : 28.1/6

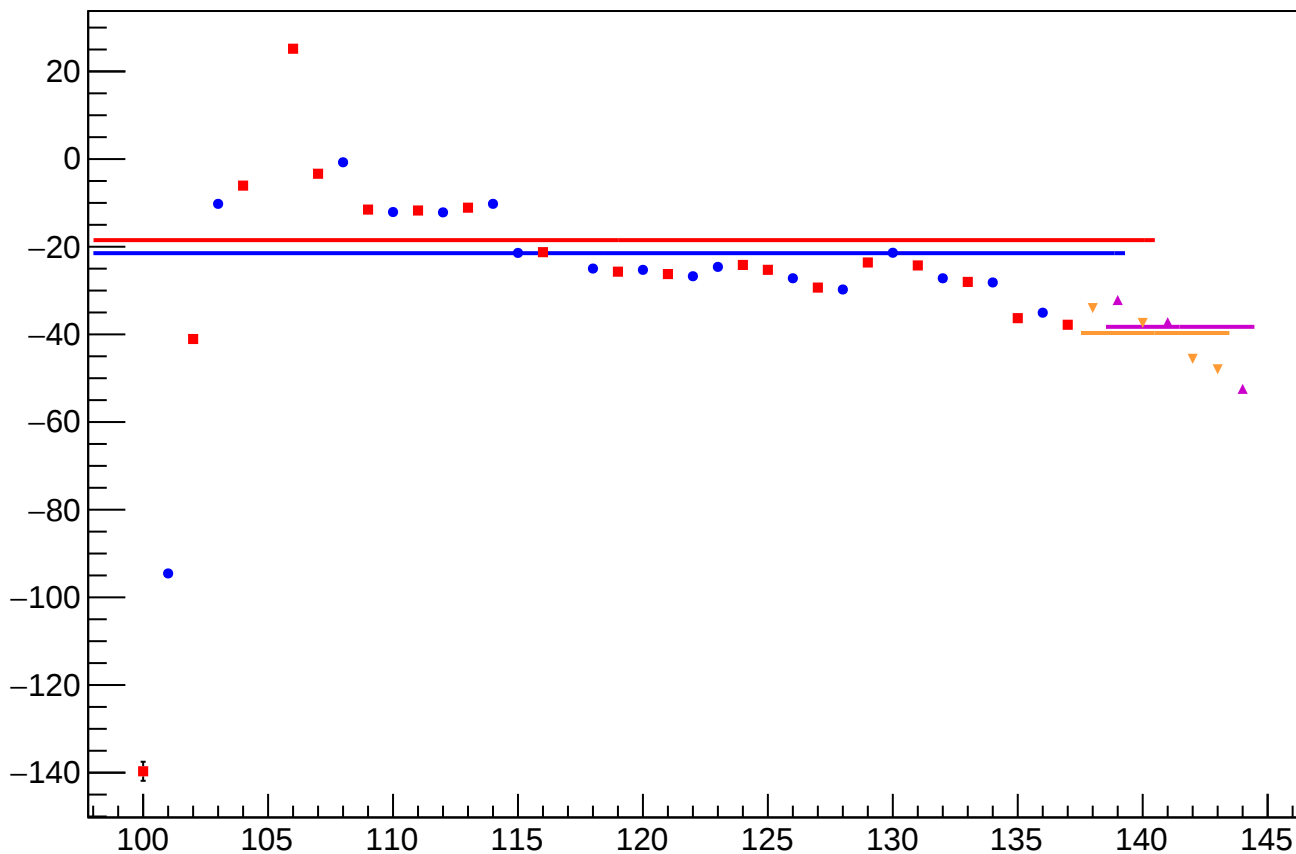
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -25.391 ± 0.899 χ^2/NDF : 539.0/19

Out: -27.680 ± 0.841 χ^2/NDF : 526.1/22

All: -26.612 ± 0.614 χ^2/NDF : 1068.6/42

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -39.681+/-0.072 χ^2/NDF : 6336.9/3

Right Out: -18.496+/-0.057 χ^2/NDF : 80700.9/18

Left In: -38.276+/-0.074 χ^2/NDF : 11584.0/2

Left: -38.996+/-0.052 χ^2/NDF : 18105.3/6

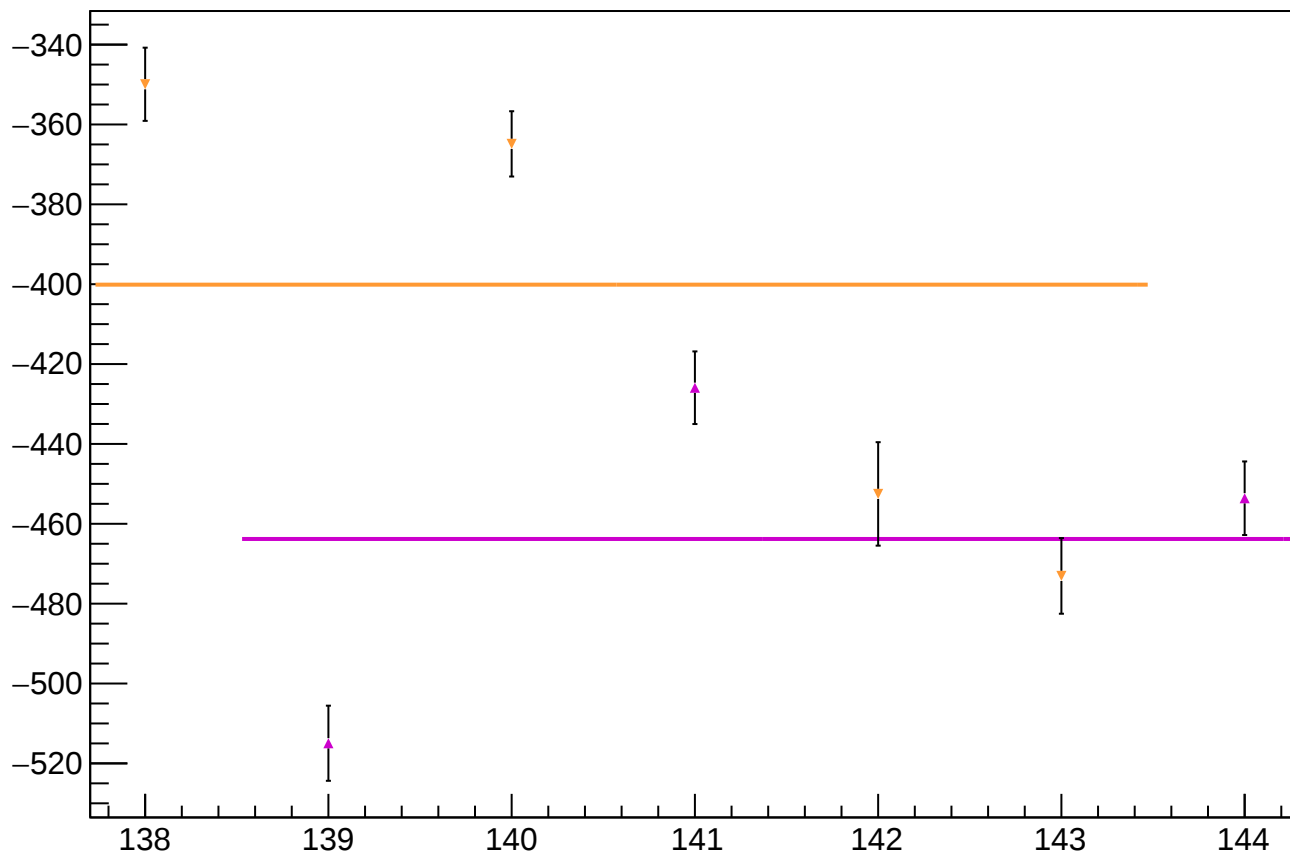
Right: -19.947+/-0.041 χ^2/NDF : 130991.7/35

In: -27.953+/-0.046 χ^2/NDF : 92149.8/19

Out: -26.689+/-0.045 χ^2/NDF : 139792.0/22

All: -27.306+/-0.032 χ^2/NDF : 232328.4/42

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: -463.802+/-5.332 χ^2/NDF :48.1/2

Left: -428.418+/-3.555 χ^2/NDF : 251.6/6

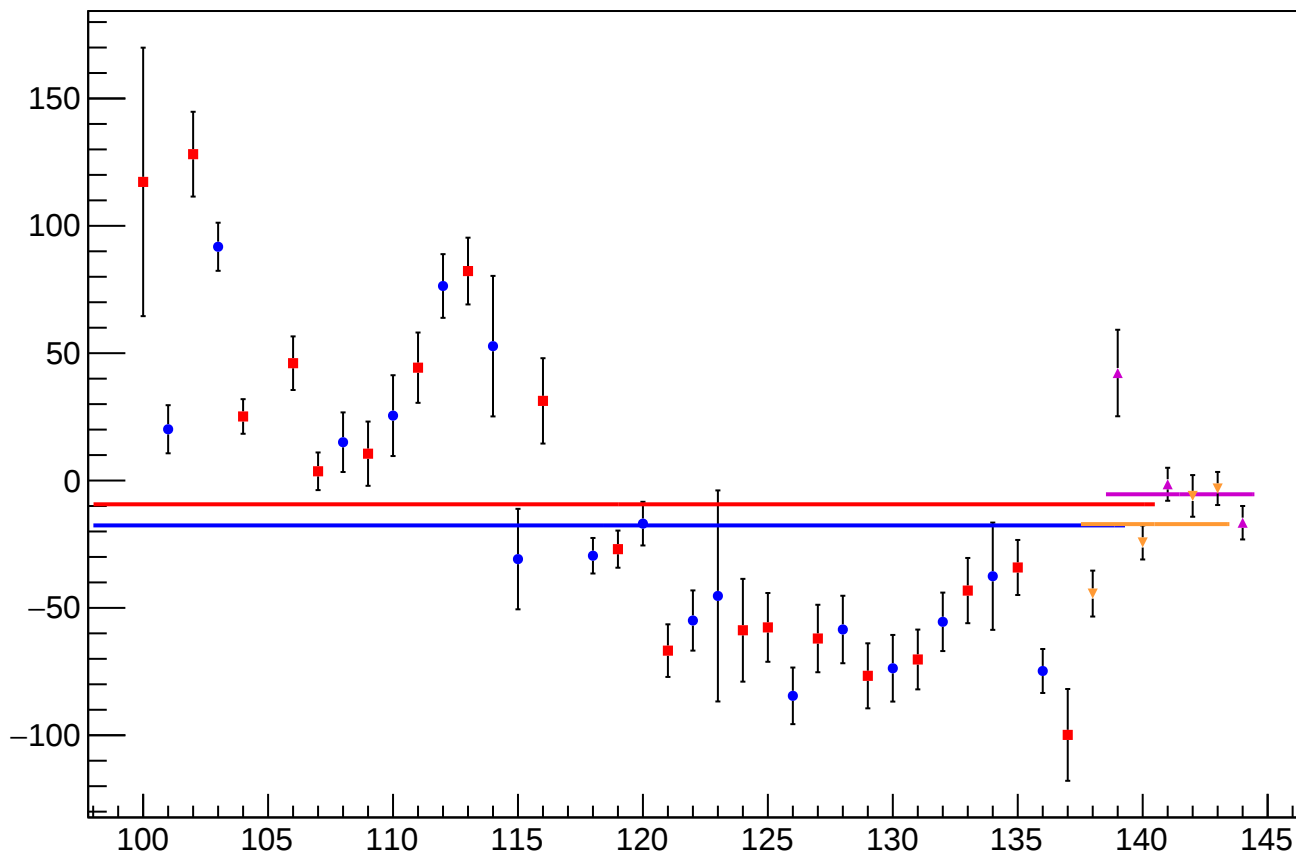
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -463.802+/-5.332 χ^2/NDF :48.1/2

Out: -400.115+/-4.769 χ^2/NDF :124.2/3

All: -428.418+/-3.555 χ^2/NDF : 251.6/6

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: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: -5.397 ± 4.451 $\chi^2/\text{NDF}: 11.1/2$

Left: -12.334 ± 2.842 $\chi^2/\text{NDF}: 32.0/6$

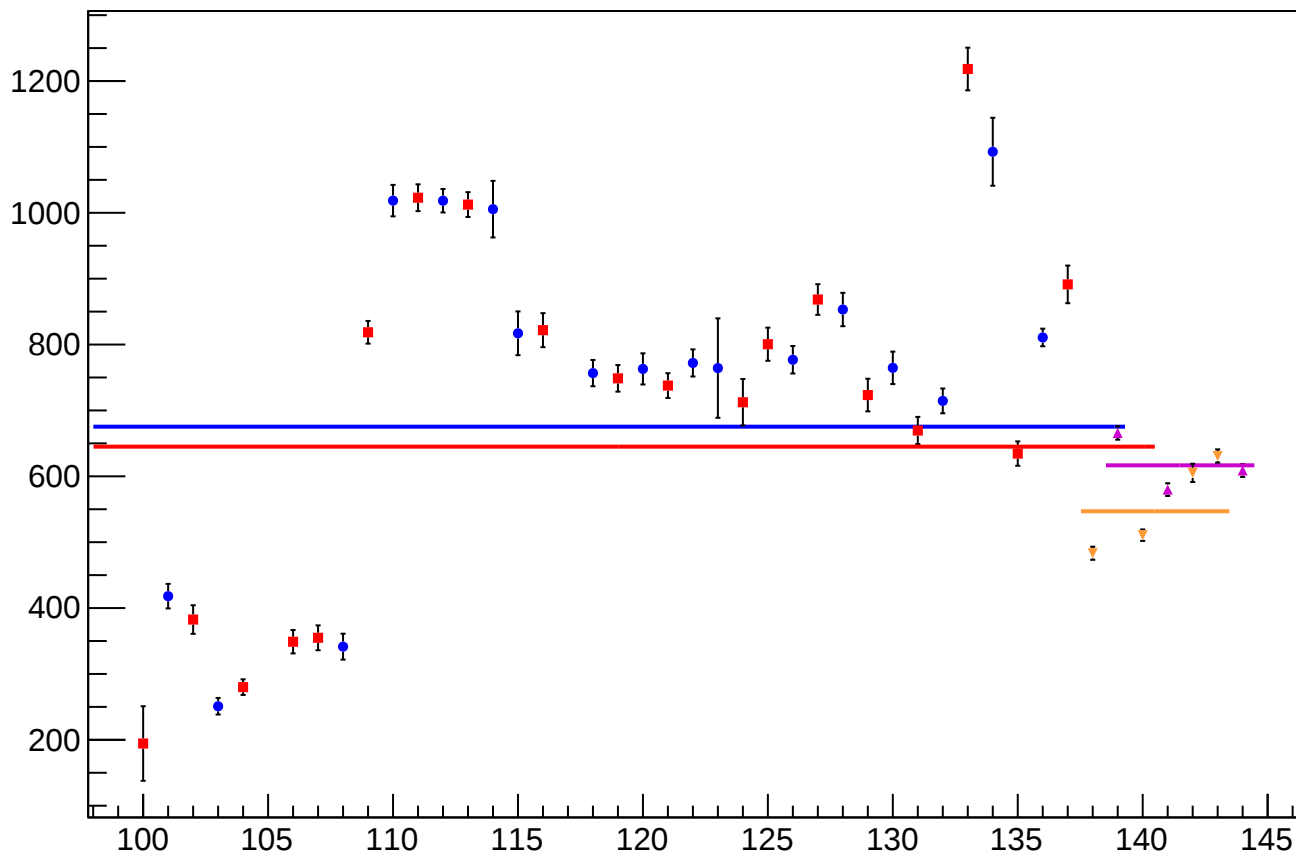
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: -14.178 ± 2.362 $\chi^2/\text{NDF}: 378.6/19$

Out: -11.920 ± 2.131 $\chi^2/\text{NDF}: 386.2/22$

All: -12.934 ± 1.582 $\chi^2/\text{NDF}: 765.3/42$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 546.942+/-5.107 χ^2/NDF :145.1/3

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 616.674+/-5.714 χ^2/NDF :38.4/2

Left: 577.911+/-3.808 χ^2/NDF : 266.3/6

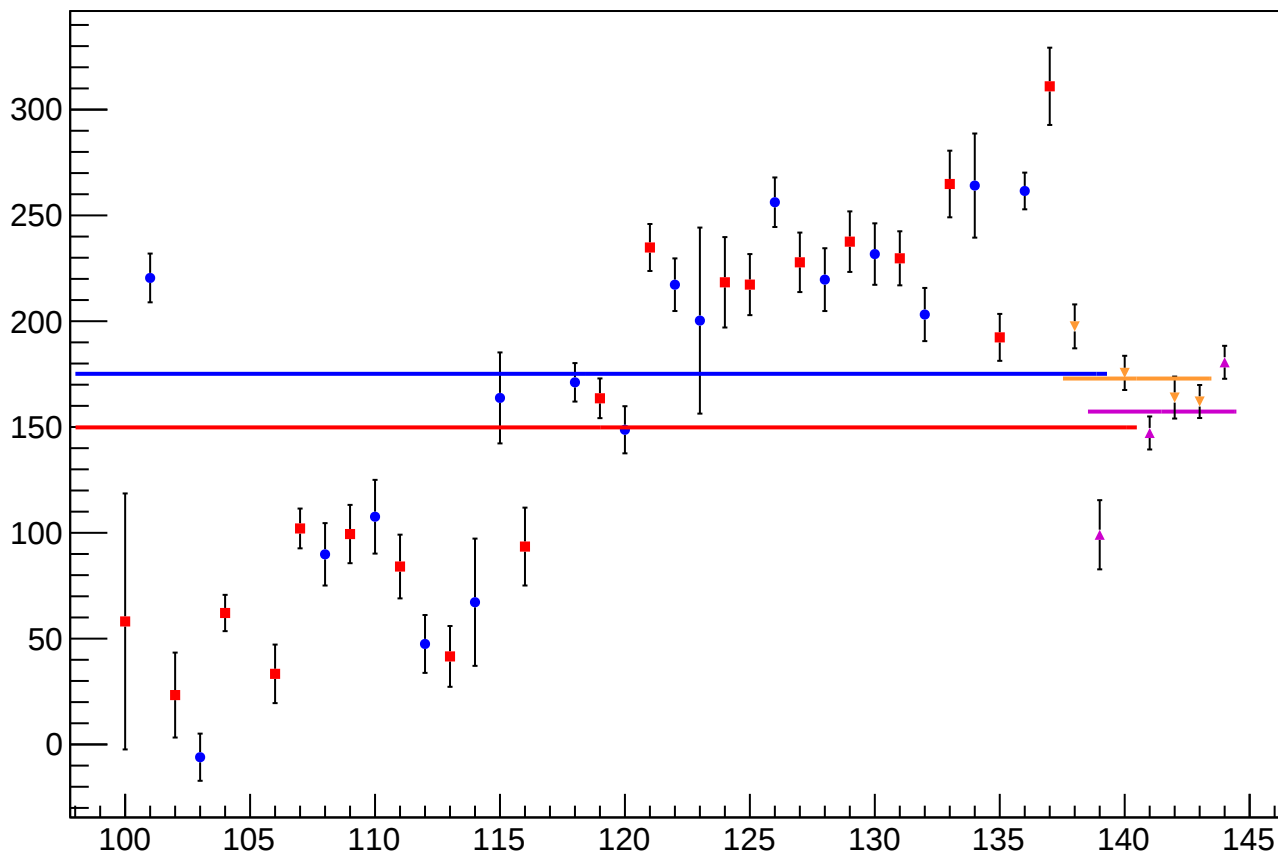
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 649.636+/-3.782 χ^2/NDF :2680.4/19

Out: 599.453+/-3.481 χ^2/NDF :3465.3/22

All: 622.469+/-2.561 χ^2/NDF : 6241.0/42

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 172.910 $\pm$ 4.420 χ^2 /NDF: 8.5/3

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 157.294 $\pm$ 5.224 χ^2 /NDF: 23.3/2

Left: 166.395 $\pm$ 3.374 χ^2 /NDF: 37.0/6

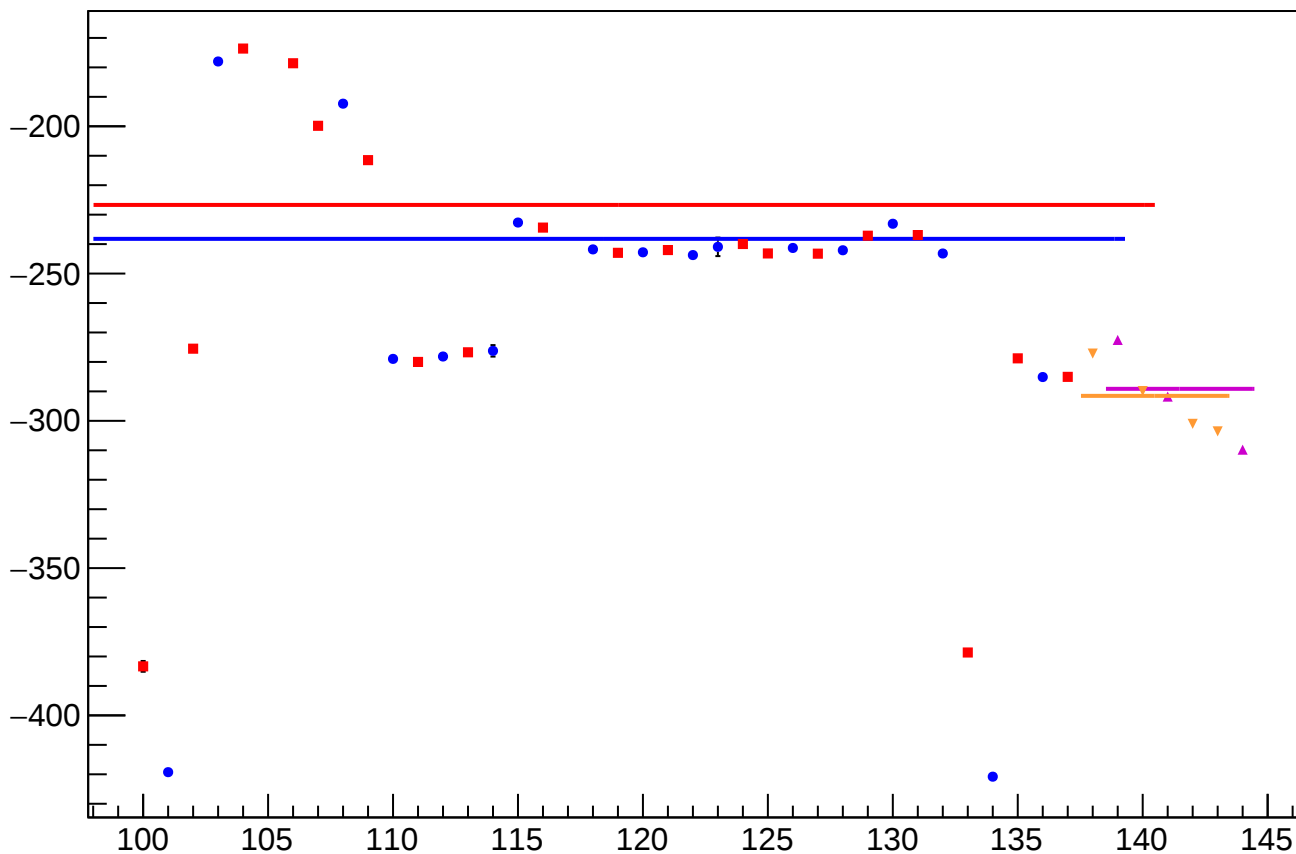
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 170.252 $\pm$ 2.734 χ^2 /NDF: 667.4/19

Out: 157.241 $\pm$ 2.506 χ^2 /NDF: 715.5/22

All: 163.179 $\pm$ 1.847 χ^2 /NDF: 1395.2/42

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217 $\pm$ 0.160 χ^2 /NDF: 167098.2/16

Left Out: -291.519 $\pm$ 0.211 χ^2 /NDF: 2502.6/3

Right Out: -226.696 $\pm$ 0.151 χ^2 /NDF: 102814.8/18

Left In: -289.132 $\pm$ 0.226 χ^2 /NDF: 4479.0/2

Left: -290.407 $\pm$ 0.154 χ^2 /NDF: 7041.3/6

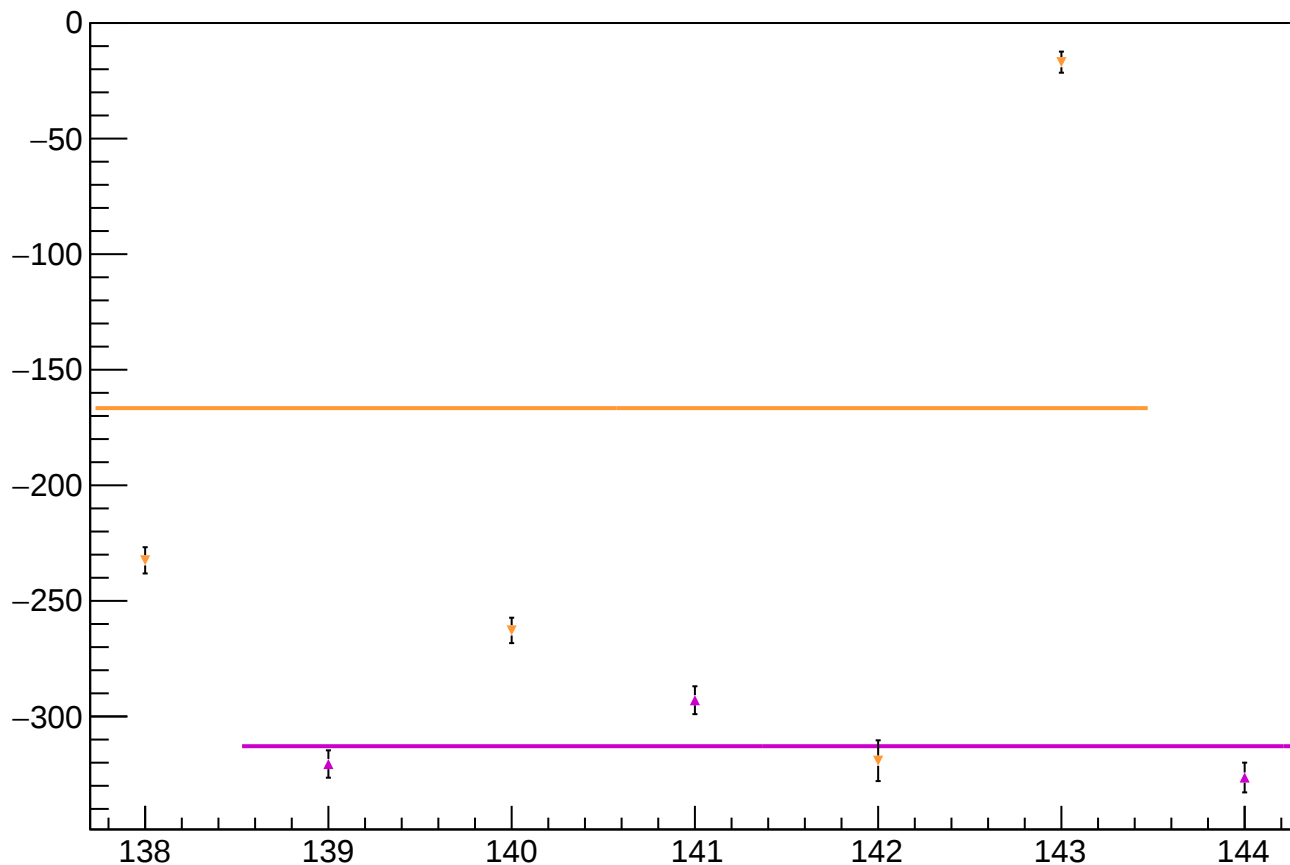
Right: -232.123 $\pm$ 0.110 χ^2 /NDF: 272653.1/35

In: -255.258 $\pm$ 0.131 χ^2 /NDF: 205444.2/19

Out: -248.704 $\pm$ 0.123 χ^2 /NDF: 167839.9/22

All: -251.779 $\pm$ 0.089 χ^2 /NDF: 374621.8/42

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -166.605 ± 2.828 $\chi^2/\text{NDF}: 1815.7/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -312.869 ± 3.531 $\chi^2/\text{NDF}: 17.0/2$

Left: -223.763 ± 2.208 $\chi^2/\text{NDF}: 2877.7/6$

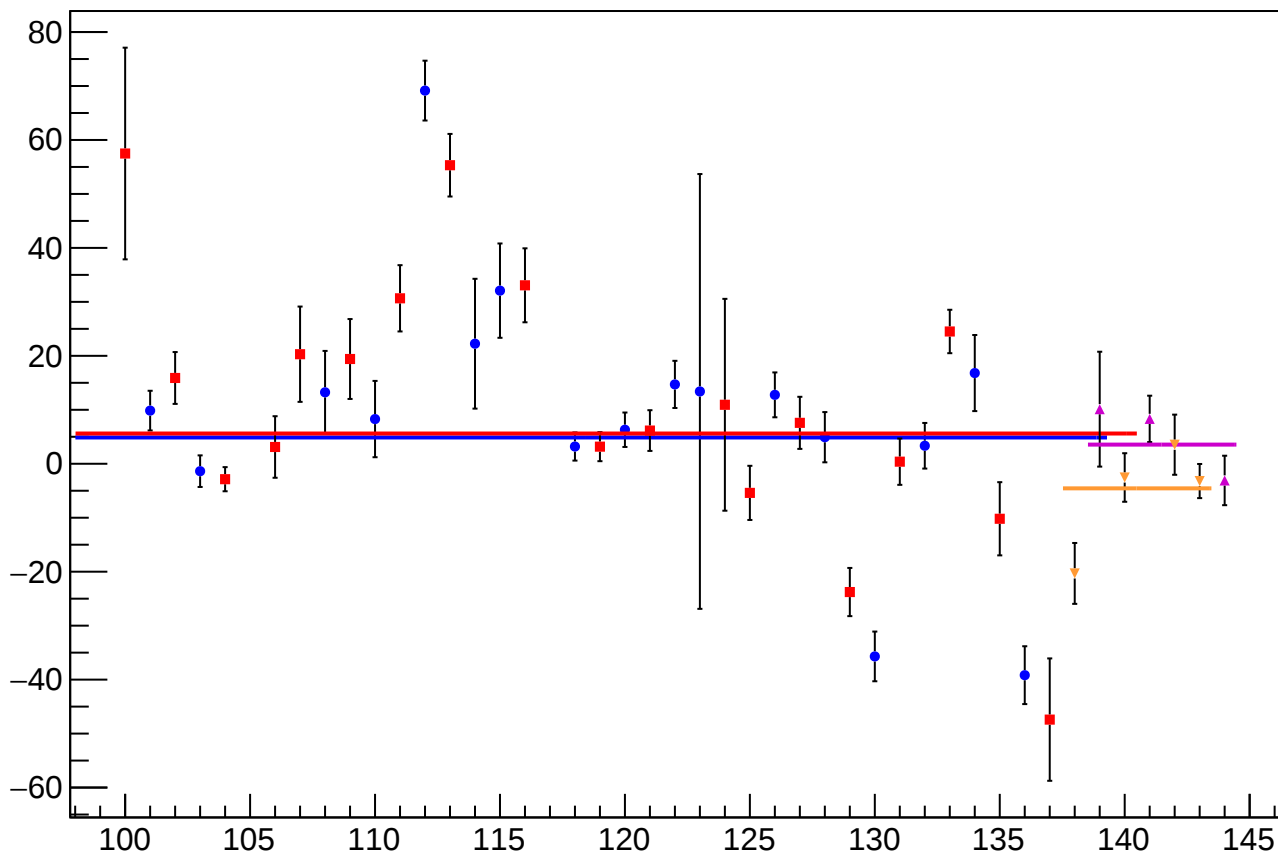
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -312.869 ± 3.531 $\chi^2/\text{NDF}: 17.0/2$

Out: -166.605 ± 2.828 $\chi^2/\text{NDF}: 1815.7/3$

All: -223.763 ± 2.208 $\chi^2/\text{NDF}: 2877.7/6$

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: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 3.549 ± 3.006 $\chi^2/\text{NDF}: 3.7/2$

Left: -1.786 ± 1.758 $\chi^2/\text{NDF}: 18.8/6$

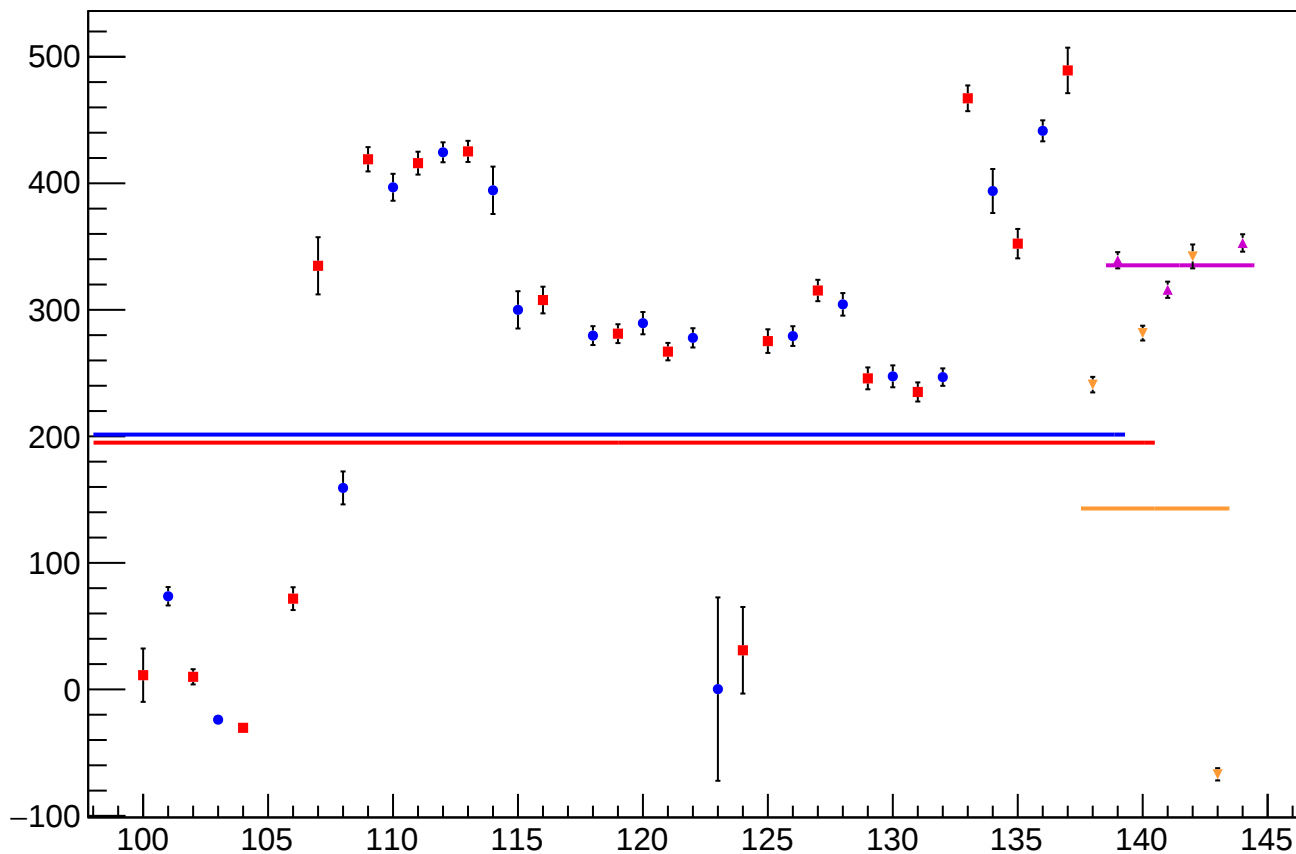
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 4.716 ± 1.025 $\chi^2/\text{NDF}: 315.4/19$

Out: 3.614 ± 0.959 $\chi^2/\text{NDF}: 266.6/22$

All: 4.128 ± 0.700 $\chi^2/\text{NDF}: 582.6/42$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 142.989 $\pm$ 3.029 χ^2 /NDF:3122.8/3

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 335.189 $\pm$ 3.786 χ^2 /NDF:16.0/2

Left: 217.988 $\pm$ 2.365 χ^2 /NDF: 4710.2/6

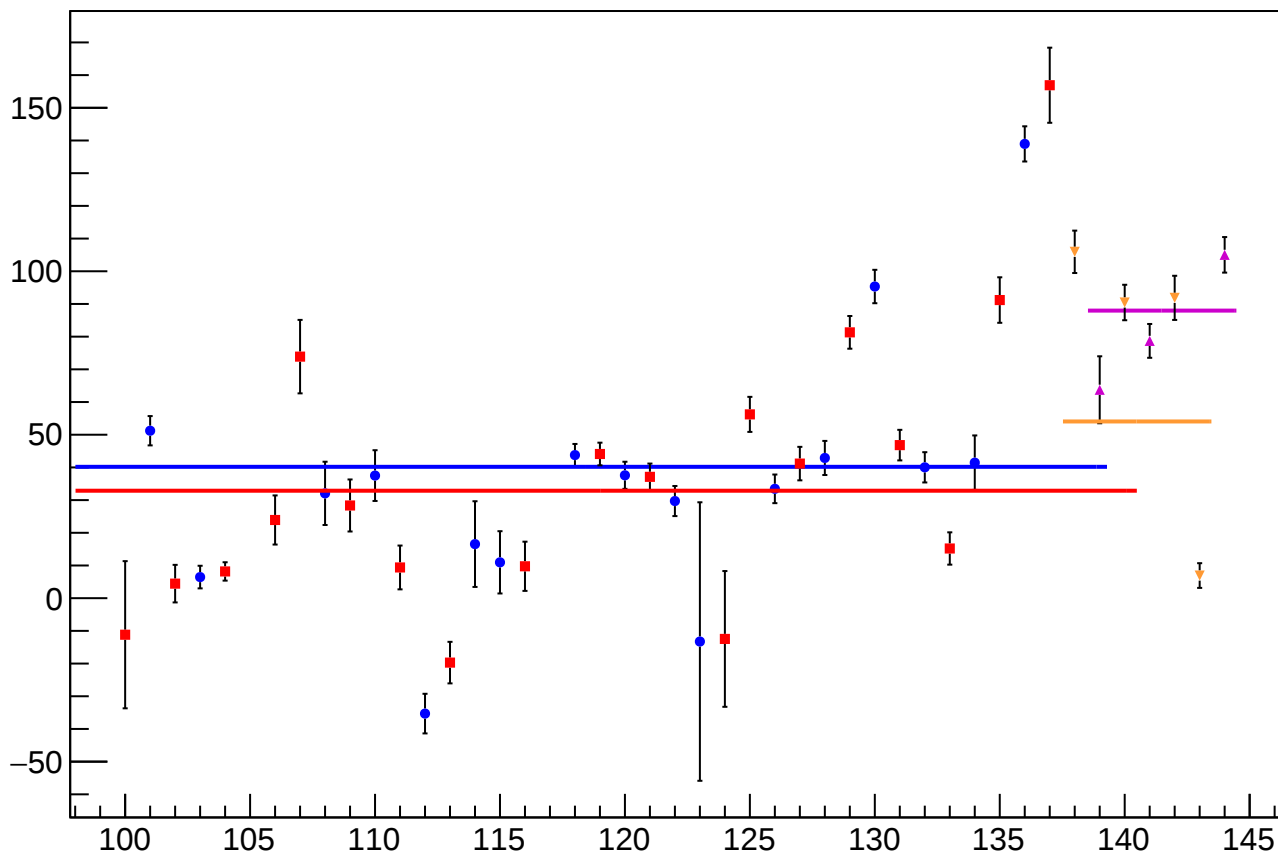
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 229.992 $\pm$ 1.750 χ^2 /NDF:7738.2/19

Out: 180.072 $\pm$ 1.624 χ^2 /NDF:11587.8/22

All: 203.161 $\pm$ 1.190 χ^2 /NDF: 19763.3/42

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 54.055+/-2.584 χ^2/NDF : 295.9/3

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 87.967+/-3.520 χ^2/NDF : 18.6/2

Left: 65.932+/-2.083 χ^2/NDF : 374.9/6

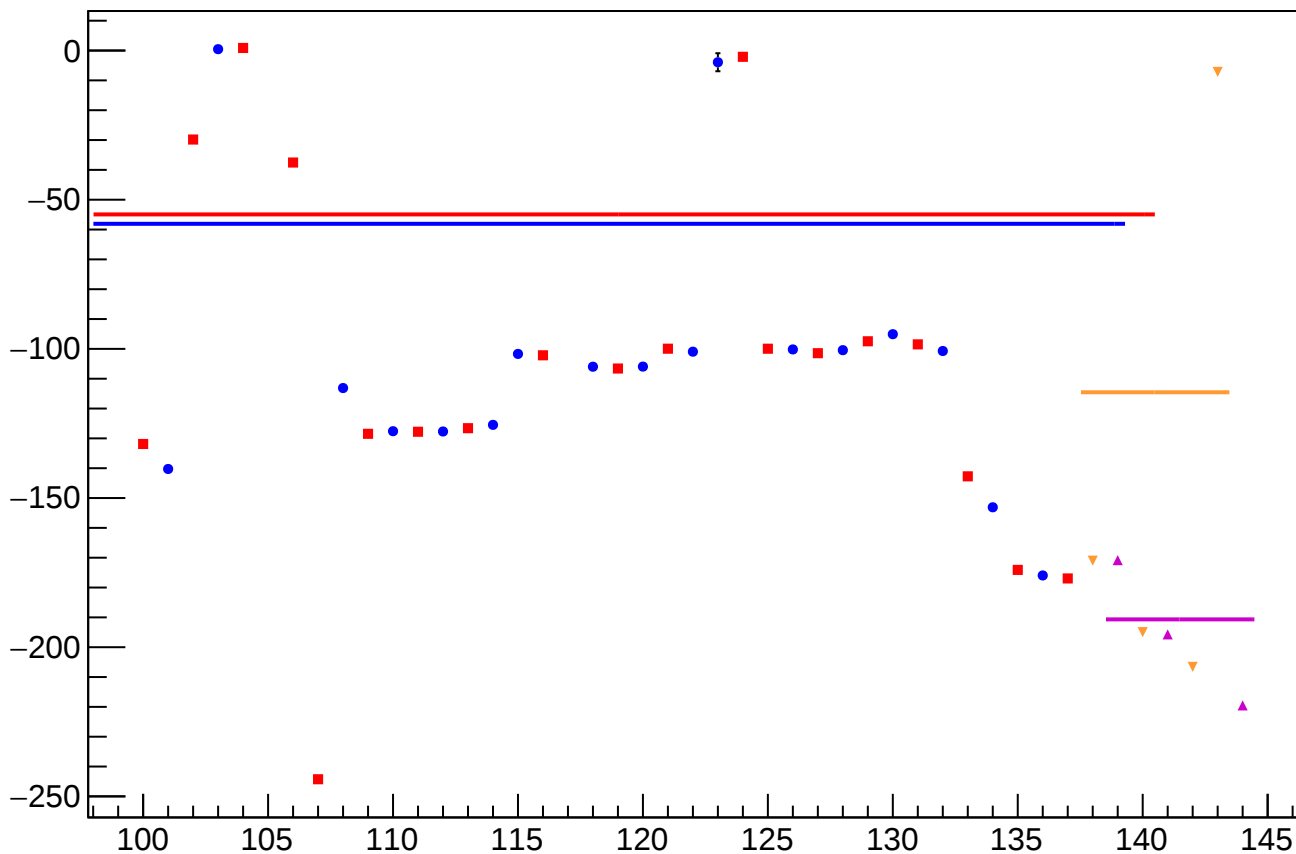
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 45.685+/-1.195 χ^2/NDF : 915.7/19

Out: 36.893+/-1.126 χ^2/NDF : 901.4/22

All: 41.029+/-0.819 χ^2/NDF : 1845.8/42

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -114.548 ± 0.124 $\chi^2/\text{NDF}: 513309.5/3$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -190.674 ± 0.148 $\chi^2/\text{NDF}: 17272.2/2$

Left: -145.828 ± 0.095 $\chi^2/\text{NDF}: 685863.9/6$

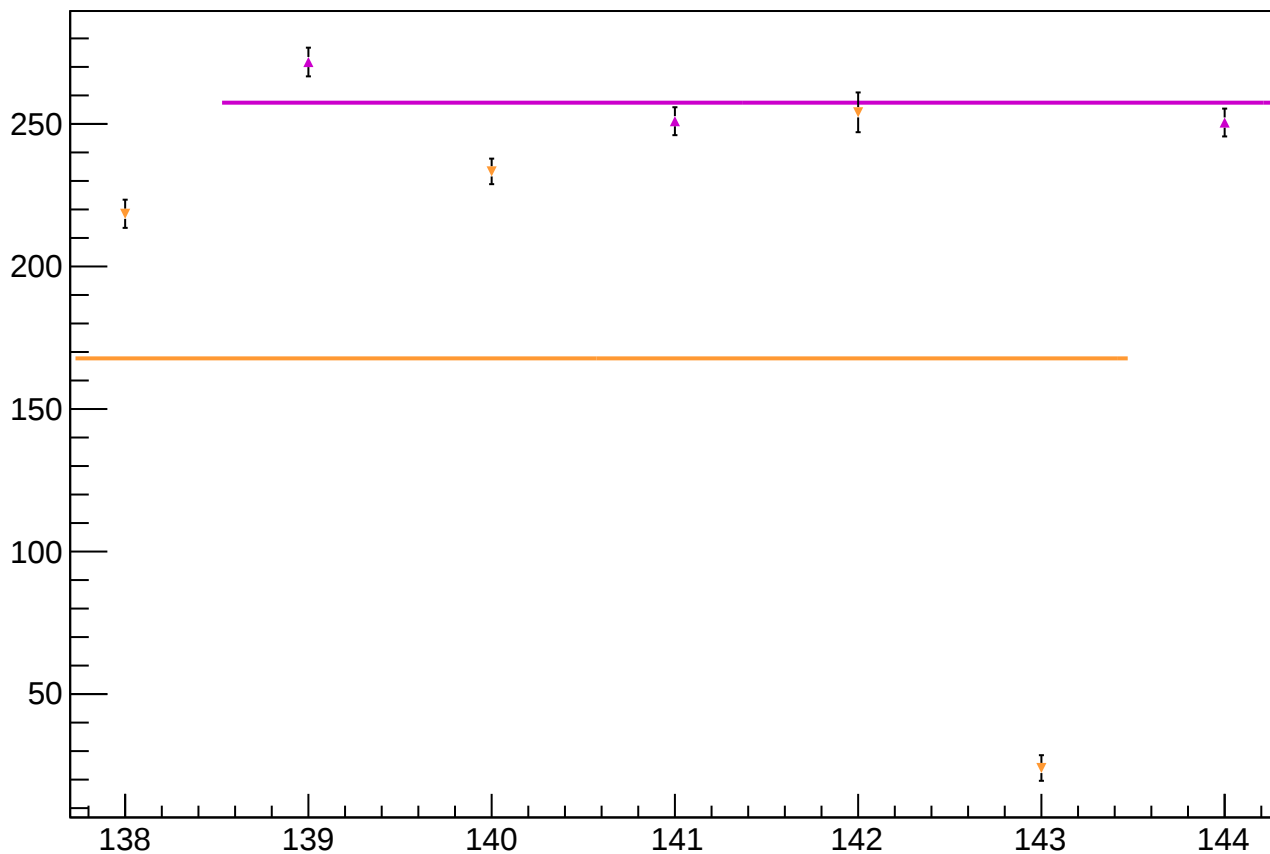
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -77.605 ± 0.057 $\chi^2/\text{NDF}: 1803650.7/19$

Out: -66.326 ± 0.054 $\chi^2/\text{NDF}: 1704699.7/22$

All: -71.685 ± 0.039 $\chi^2/\text{NDF}: 3528972.1/42$

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: 257.456+/-2.850 χ^2/NDF :11.8/2

Left: 206.639+/-1.876 χ^2/NDF : 2069.5/6

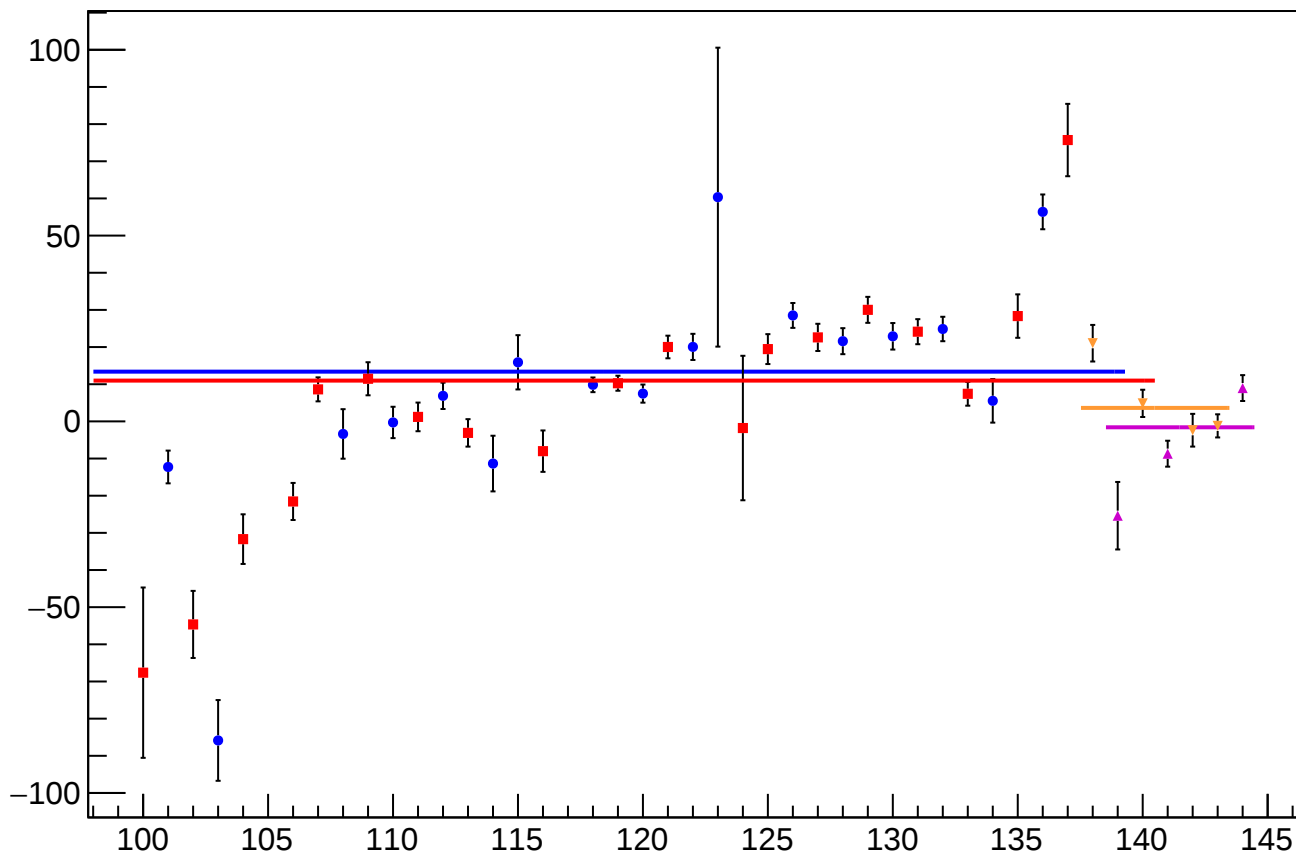
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.456+/-2.850 χ^2/NDF :11.8/2

Out: 167.762+/-2.493 χ^2/NDF :1496.5/3

All: 206.639+/-1.876 χ^2/NDF : 2069.5/6

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 3.628 $\pm$ 1.923 χ^2 /NDF:16.9/3

Right Out: 10.975 $\pm$ 0.915 χ^2 /NDF: 304.0/18

Left In: -1.593 $\pm$ 2.379 χ^2 /NDF:20.2/2

Left: 1.564 $\pm$ 1.496 χ^2 /NDF: 40.0/6

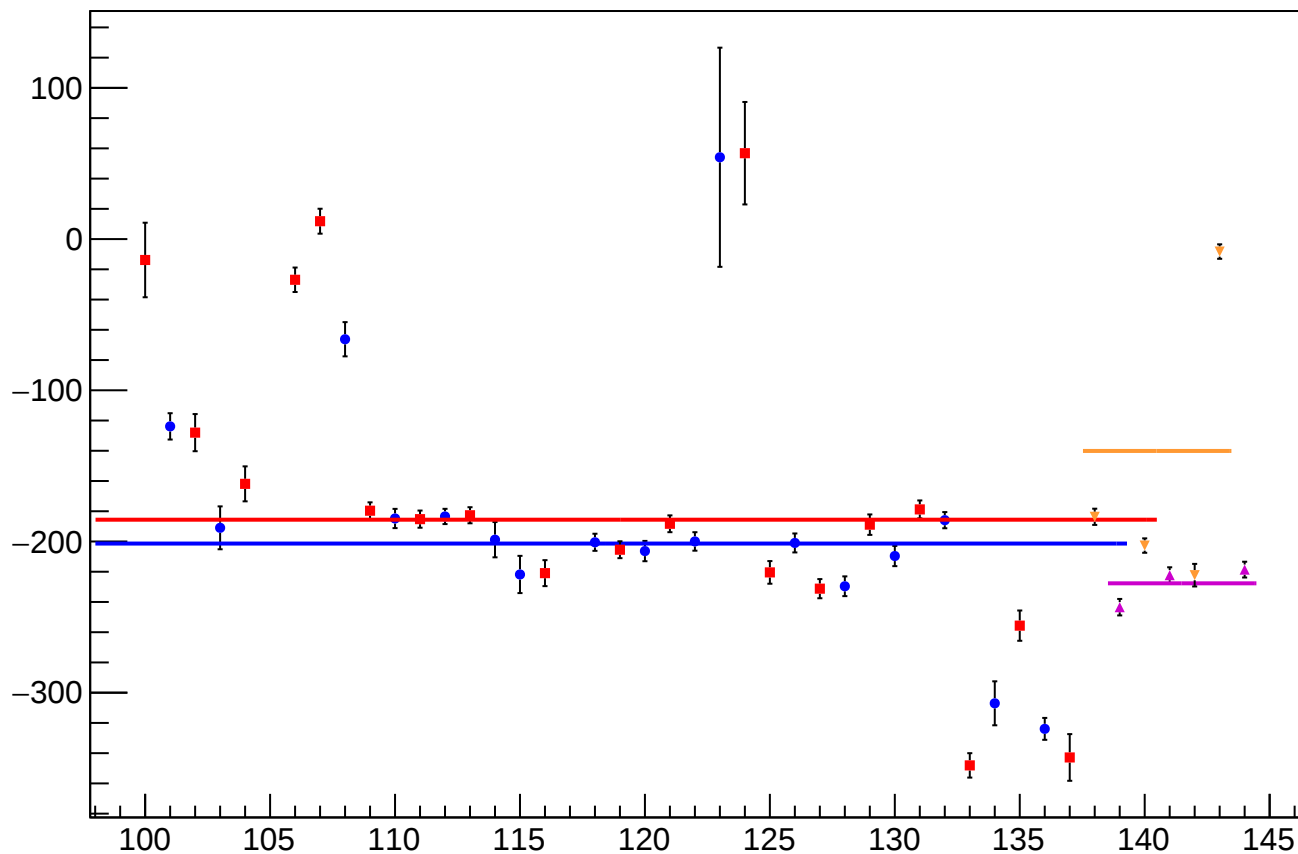
Right: 12.172 $\pm$ 0.649 χ^2 /NDF: 601.5/35

In: 11.432 $\pm$ 0.859 χ^2 /NDF:348.7/19

Out: 9.620 $\pm$ 0.826 χ^2 /NDF:332.8/22

All: 10.491 $\pm$ 0.595 χ^2 /NDF: 683.9/42

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -140.119 ± 2.670 χ^2/NDF : 1117.0/3

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -227.669 ± 3.054 χ^2/NDF : 12.5/2

Left: -178.039 ± 2.010 χ^2/NDF : 1595.3/6

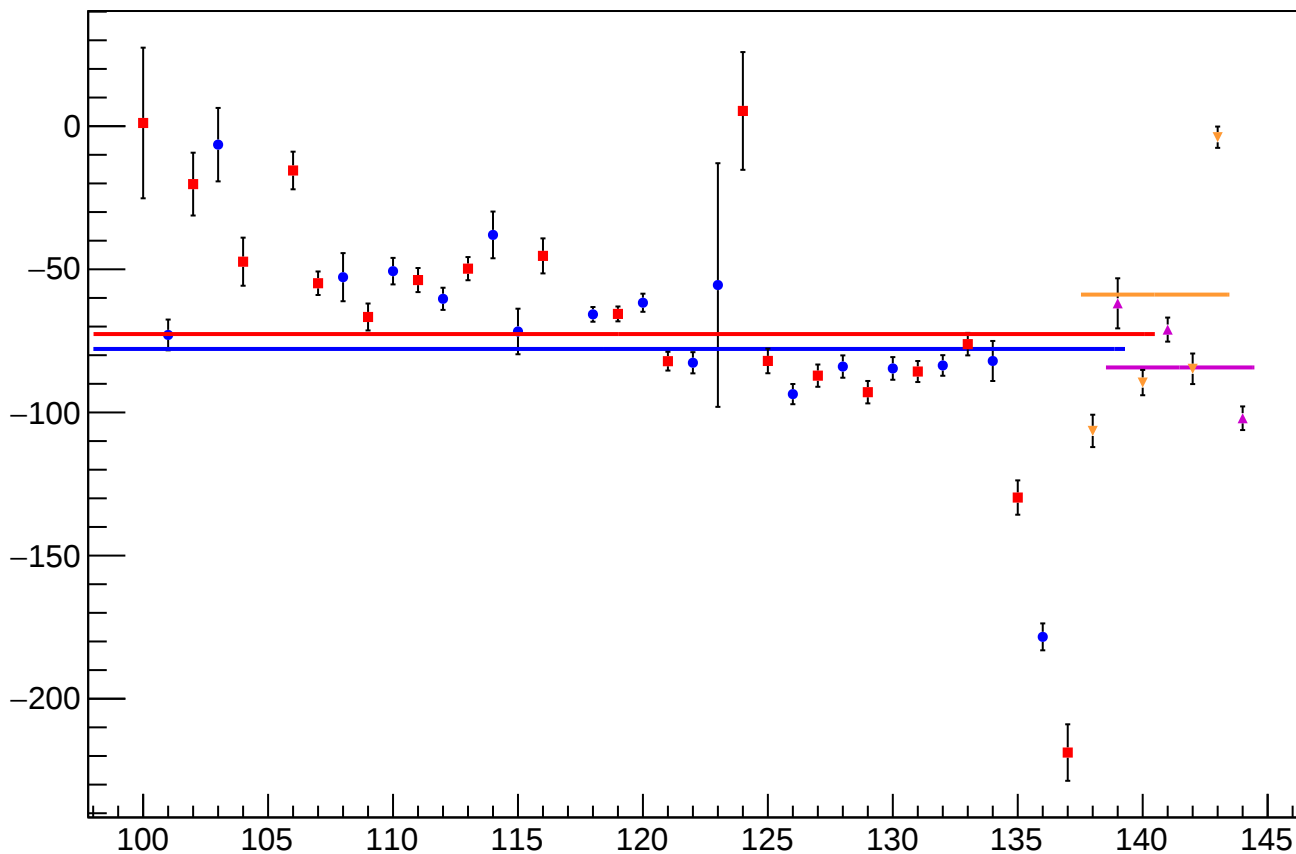
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -208.056 ± 1.540 χ^2/NDF : 692.8/19

Out: -172.478 ± 1.434 χ^2/NDF : 3071.7/22

All: -188.993 ± 1.049 χ^2/NDF : 4050.4/42

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -58.829 ± 2.295 χ^2/NDF : 361.3/3

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -84.279 ± 2.791 χ^2/NDF : 34.9/2

Left: -69.097 ± 1.773 χ^2/NDF : 445.9/6

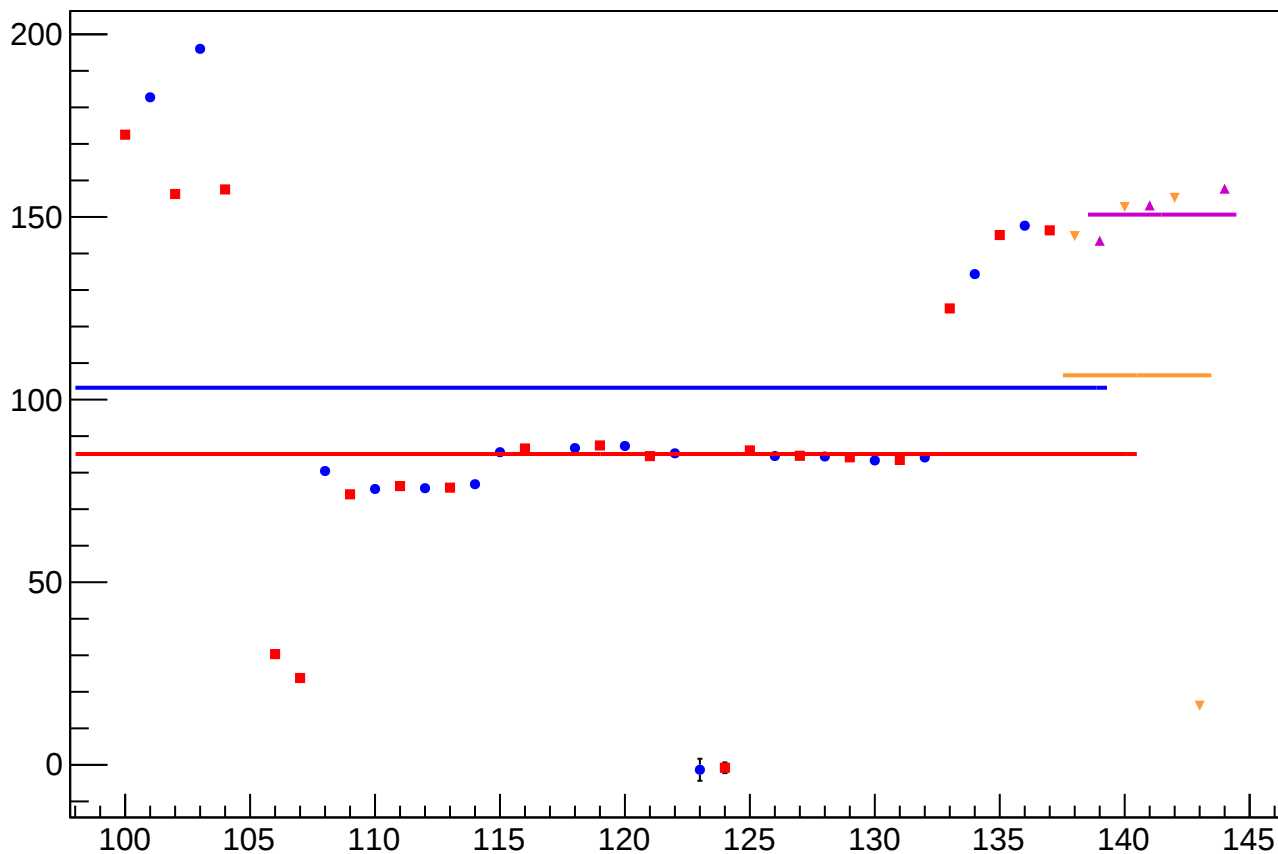
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -78.643 ± 0.997 χ^2/NDF : 696.0/19

Out: -70.219 ± 0.957 χ^2/NDF : 998.0/22

All: -74.257 ± 0.691 χ^2/NDF : 1731.1/42

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 106.655 $\pm$ 0.109 χ^2 /NDF:328684.0/3

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 150.640 $\pm$ 0.121 χ^2 /NDF:2497.1/2

Left: 126.528 $\pm$ 0.081 χ^2 /NDF: 404090.9/6

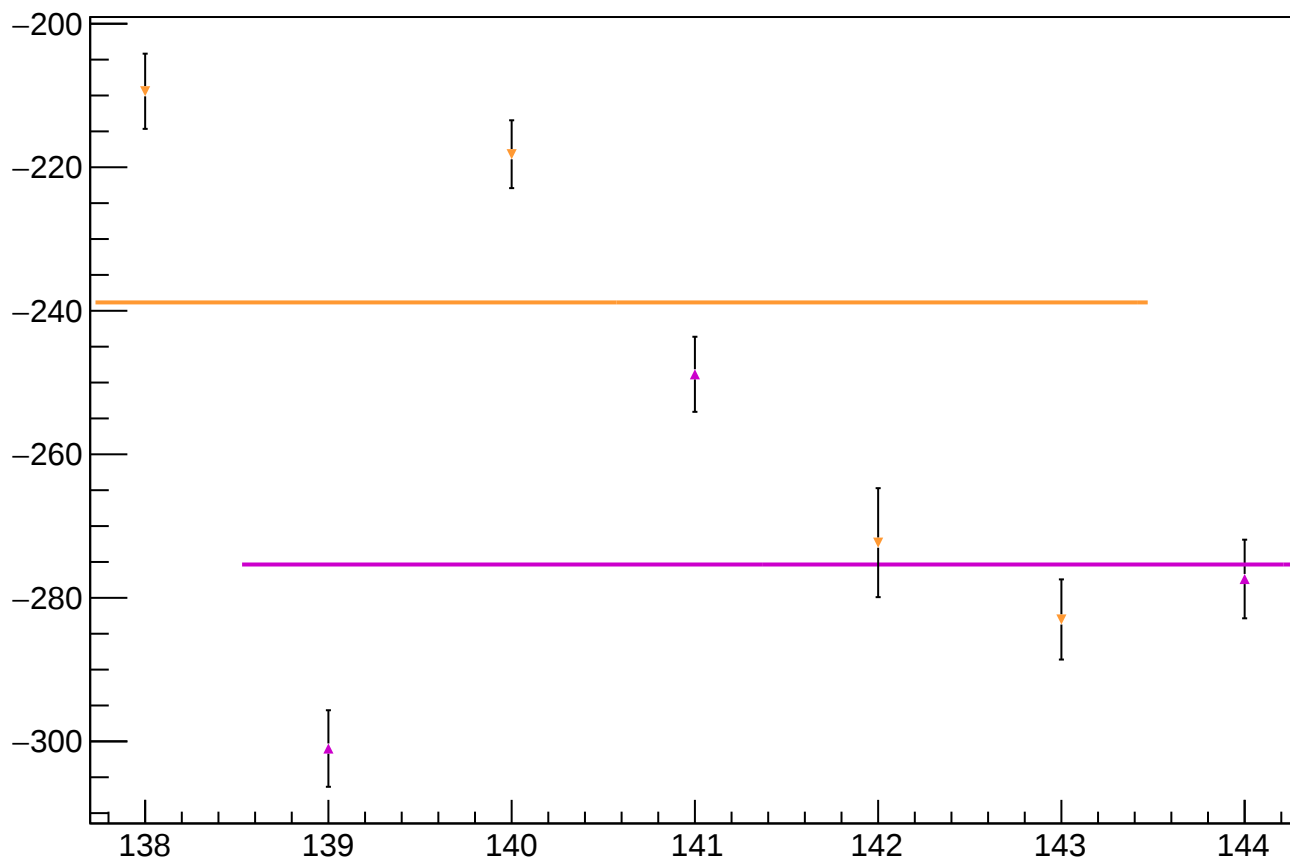
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 115.306 $\pm$ 0.061 χ^2 /NDF:391008.8/19

Out: 90.556 $\pm$ 0.055 χ^2 /NDF:781148.9/22

All: 101.701 $\pm$ 0.041 χ^2 /NDF: 1263135.5/42

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: -275.355 ± 3.086 χ^2/NDF : 48.9/2

Left: -255.112 ± 2.060 χ^2/NDF : 259.2/6

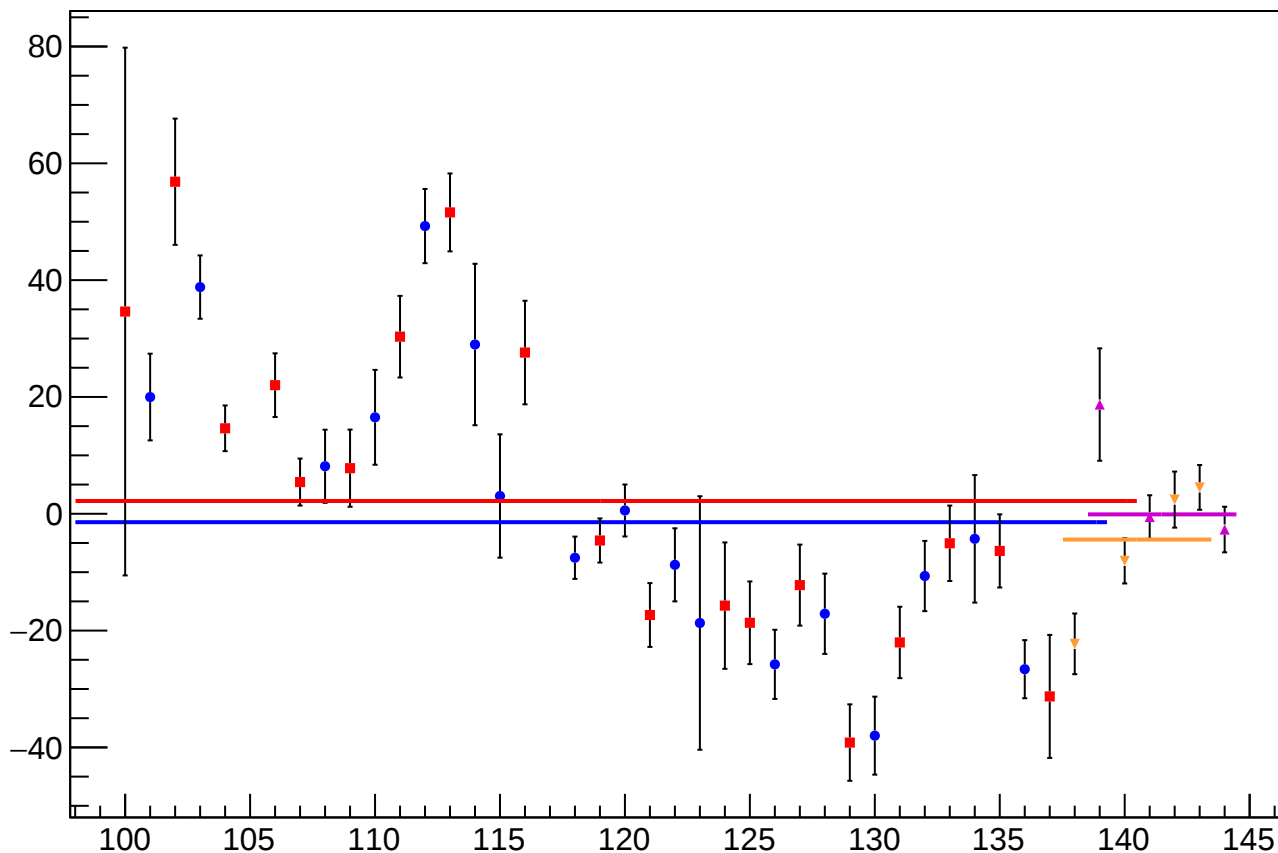
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -275.355 ± 3.086 χ^2/NDF : 48.9/2

Out: -238.834 ± 2.767 χ^2/NDF : 132.6/3

All: -255.112 ± 2.060 χ^2/NDF : 259.2/6

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: -4.414 ± 2.155 χ^2/NDF : 20.2/3

Right Out: 2.188 ± 1.400 χ^2/NDF : 230.7/18

Left In: -0.104 ± 2.596 χ^2/NDF : 4.3/2

Left: -2.655 ± 1.658 χ^2/NDF : 26.1/6

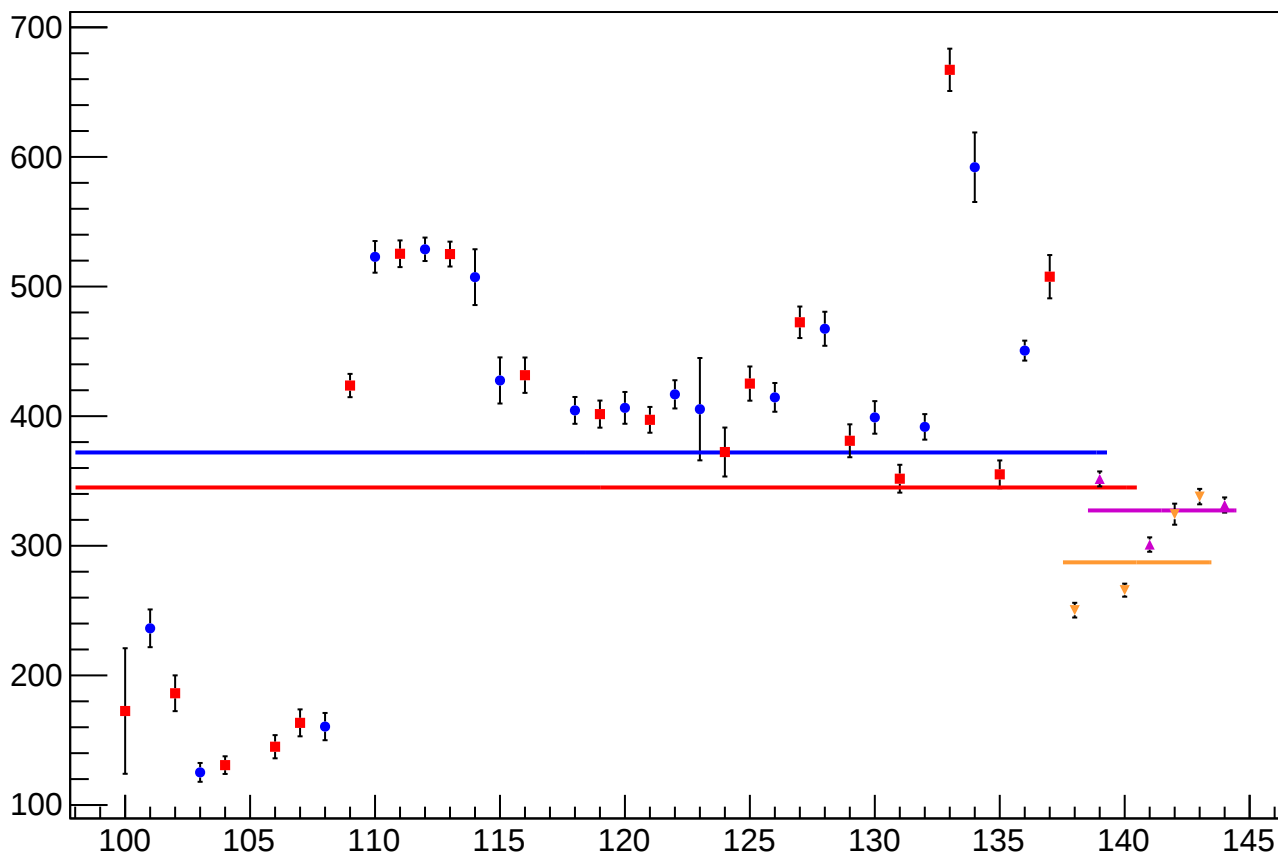
Right: 0.518 ± 1.029 χ^2/NDF : 458.2/35

In: -1.100 ± 1.309 χ^2/NDF : 228.9/19

Out: 0.228 ± 1.174 χ^2/NDF : 257.4/22

All: -0.364 ± 0.874 χ^2/NDF : 486.9/42

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 ± 2.765 $\chi^2/\text{NDF}: 2431.2/16$

Left Out: 287.228 ± 2.964 $\chi^2/\text{NDF}: 153.8/3$

Right Out: 344.990 ± 2.561 $\chi^2/\text{NDF}: 3414.4/18$

Left In: 327.271 ± 3.307 $\chi^2/\text{NDF}: 40.6/2$

Left: 305.064 ± 2.207 $\chi^2/\text{NDF}: 275.8/6$

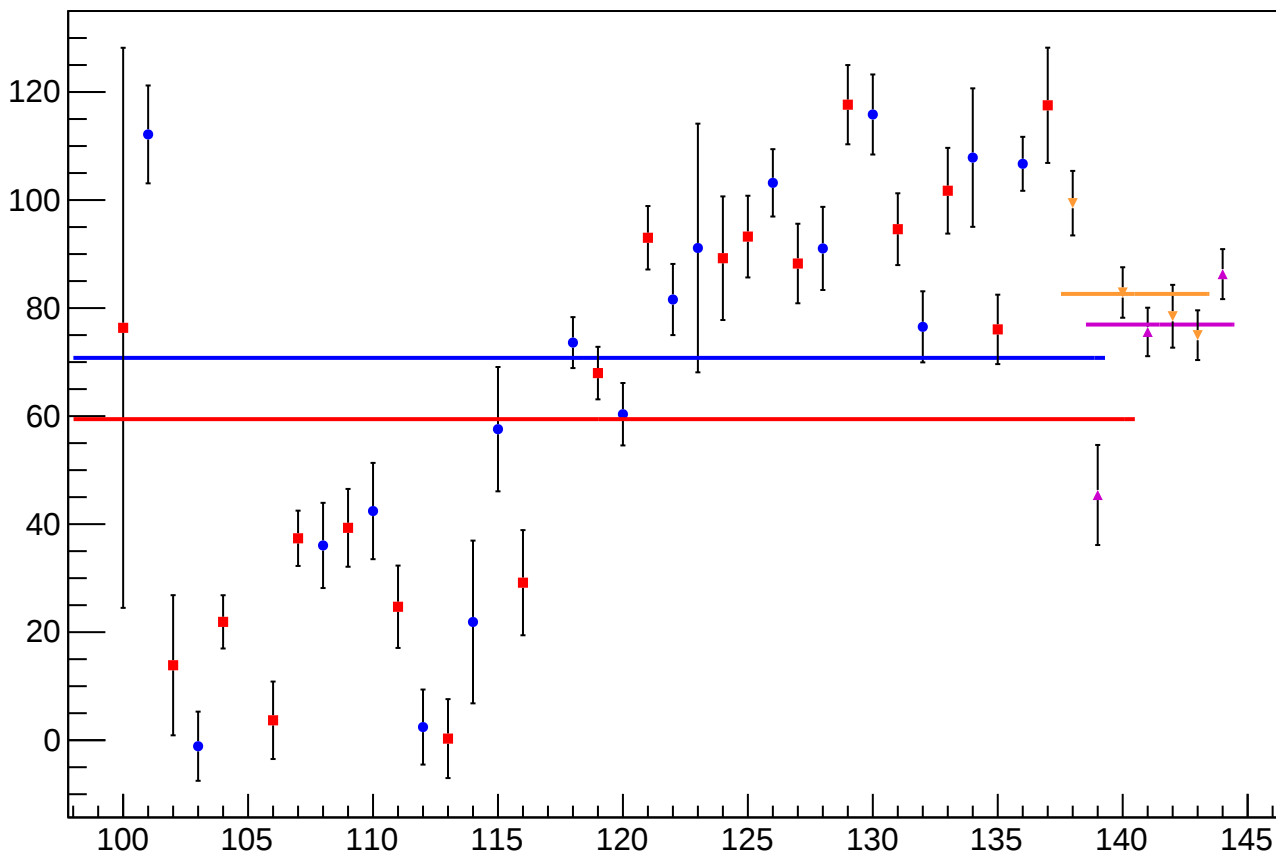
Right: 357.461 ± 1.879 $\chi^2/\text{NDF}: 5896.9/35$

In: 353.597 ± 2.121 $\chi^2/\text{NDF}: 2579.5/19$

Out: 320.301 ± 1.938 $\chi^2/\text{NDF}: 3785.7/22$

All: 335.448 ± 1.431 $\chi^2/\text{NDF}: 6499.5/42$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2/NDF : 423.9/16

Left Out: 82.624 $\pm$ 2.577 χ^2/NDF :11.2/3

Right Out: 59.438 $\pm$ 1.631 χ^2/NDF : 486.7/18

Left In: 76.951 $\pm$ 3.043 χ^2/NDF :15.8/2

Left: 80.254 $\pm$ 1.967 χ^2/NDF : 29.0/6

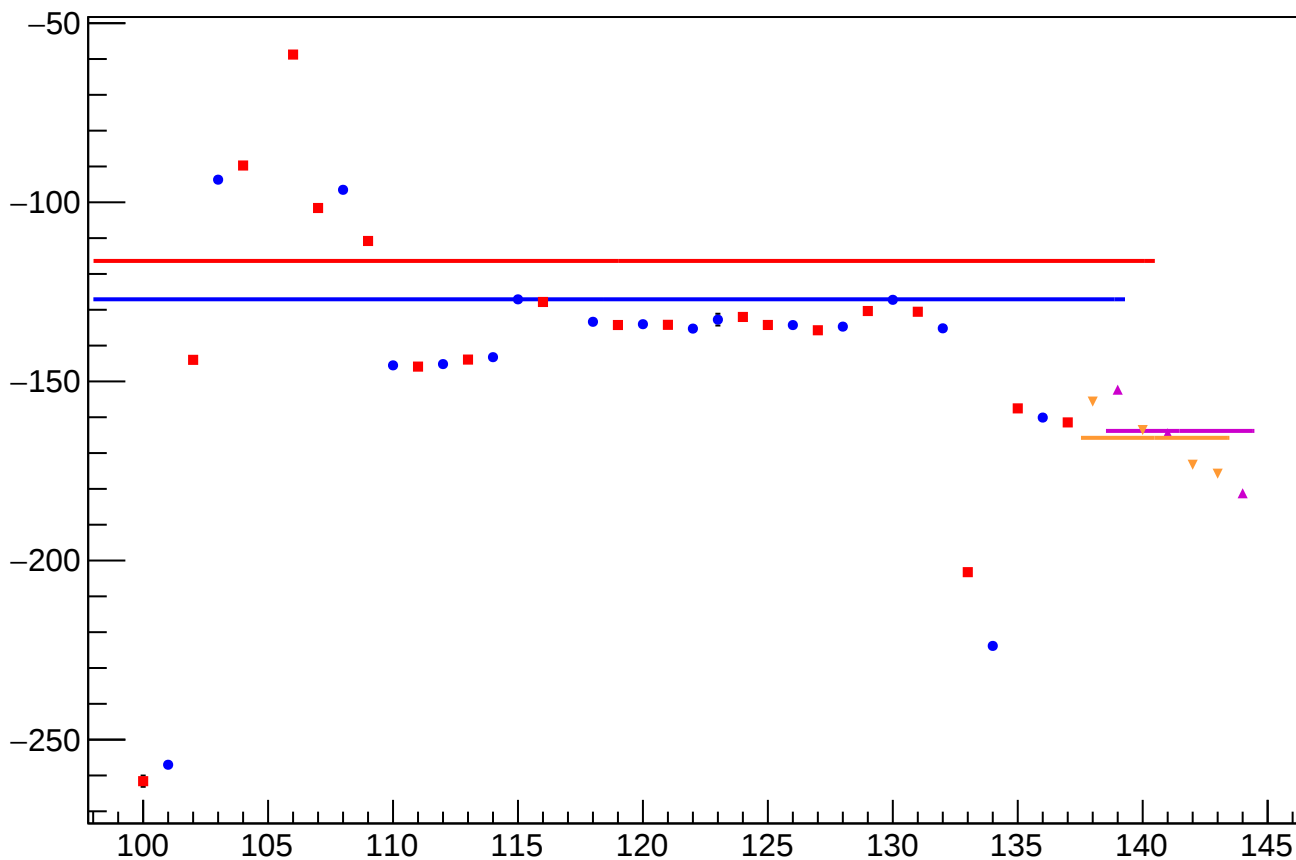
Right: 64.722 $\pm$ 1.192 χ^2/NDF : 933.1/35

In: 72.309 $\pm$ 1.515 χ^2/NDF :442.8/19

Out: 66.070 $\pm$ 1.378 χ^2/NDF :555.7/22

All: 68.896 $\pm$ 1.020 χ^2/NDF : 1007.7/42

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -165.747+/-0.122 χ^2/NDF : 4374.2/3

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -163.816+/-0.130 χ^2/NDF : 7814.2/2

Left: -164.843+/-0.089 χ^2/NDF : 12305.4/6

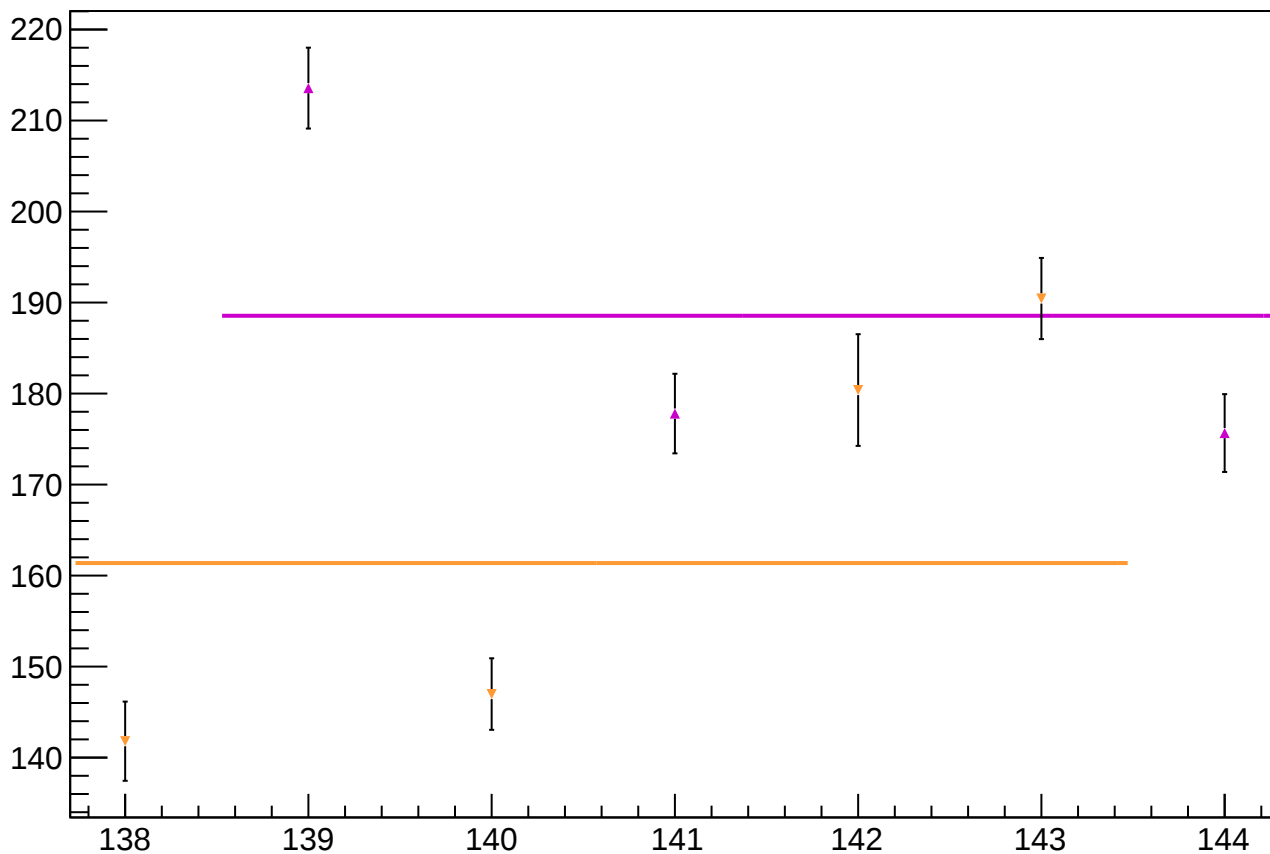
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -138.874+/-0.074 χ^2/NDF : 228923.2/19

Out: -131.929+/-0.069 χ^2/NDF : 283768.2/22

All: -135.150+/-0.050 χ^2/NDF : 517443.9/42

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: 188.547+/-2.518 χ^2/NDF :46.8/2

Left: 173.547+/-1.685 χ^2/NDF : 196.8/6

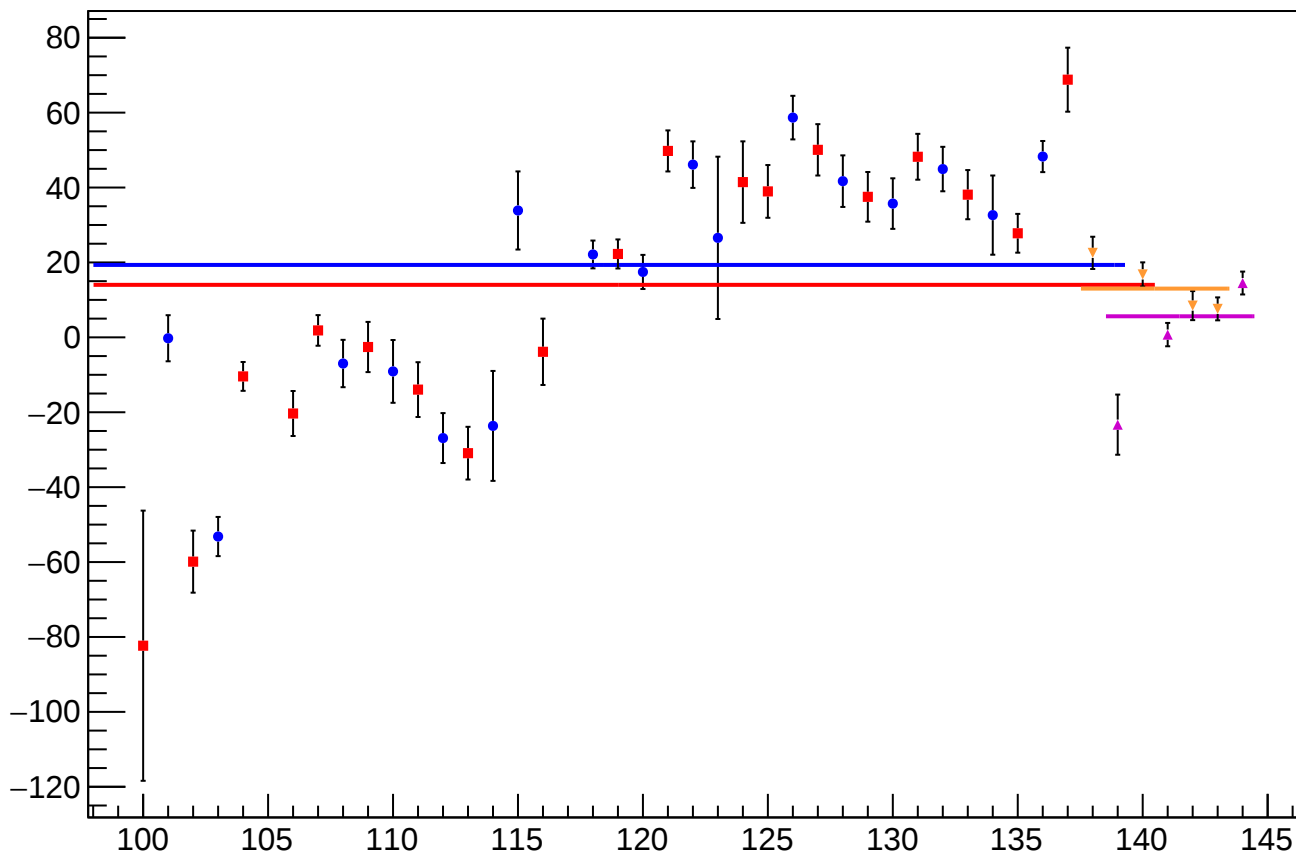
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 188.547+/-2.518 χ^2/NDF :46.8/2

Out: 161.377+/-2.268 χ^2/NDF :85.7/3

All: 173.547+/-1.685 χ^2/NDF : 196.8/6

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: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 5.622 ± 2.106 $\chi^2/\text{NDF}: 23.9/2$

Left: 9.977 ± 1.350 $\chi^2/\text{NDF}: 41.9/6$

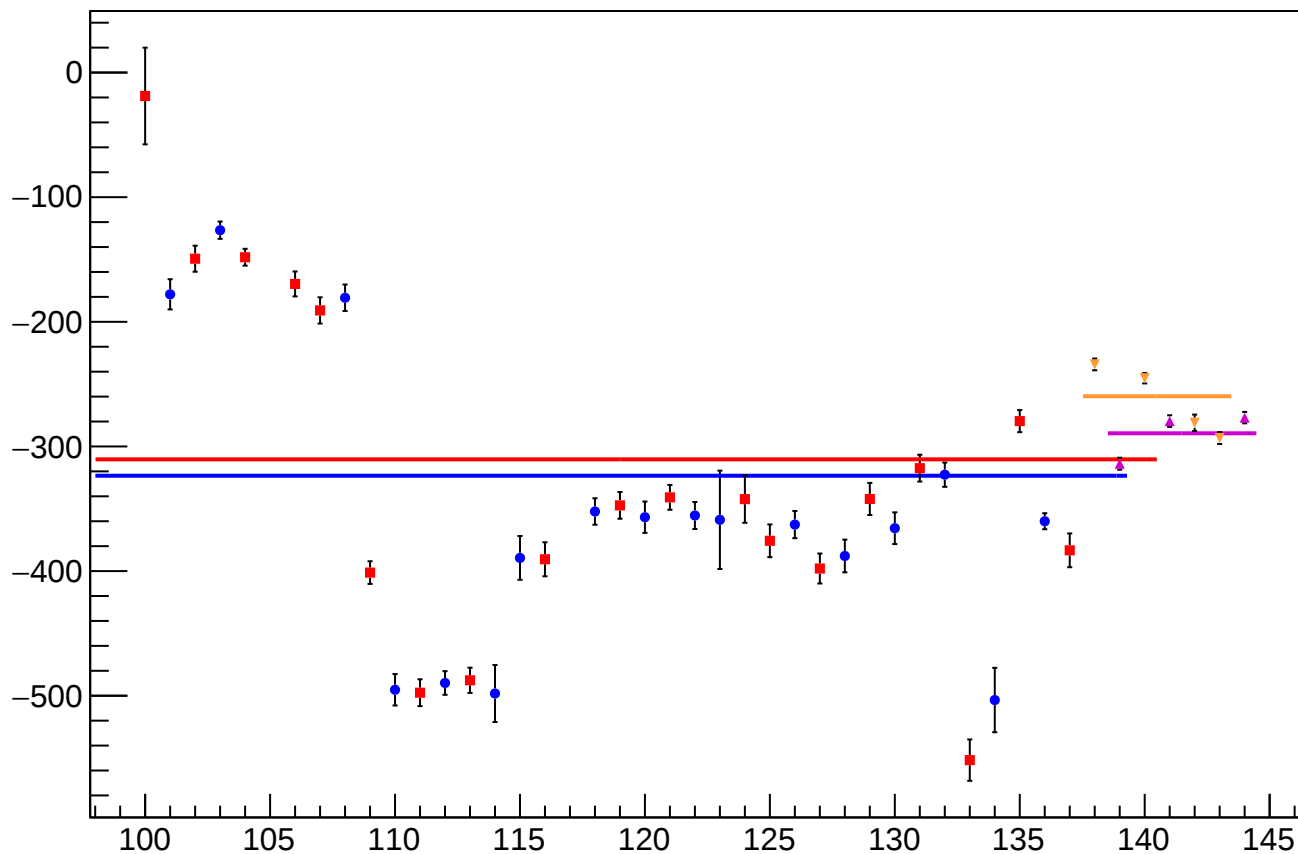
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 14.793 ± 1.212 $\chi^2/\text{NDF}: 492.1/19$

Out: 13.633 ± 1.091 $\chi^2/\text{NDF}: 444.2/22$

All: 14.152 ± 0.811 $\chi^2/\text{NDF}: 936.8/42$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -259.716 ± 2.430 χ^2/NDF : 101.4/3

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -289.453 ± 2.699 χ^2/NDF : 37.7/2

Left: -273.027 ± 1.806 χ^2/NDF : 206.2/6

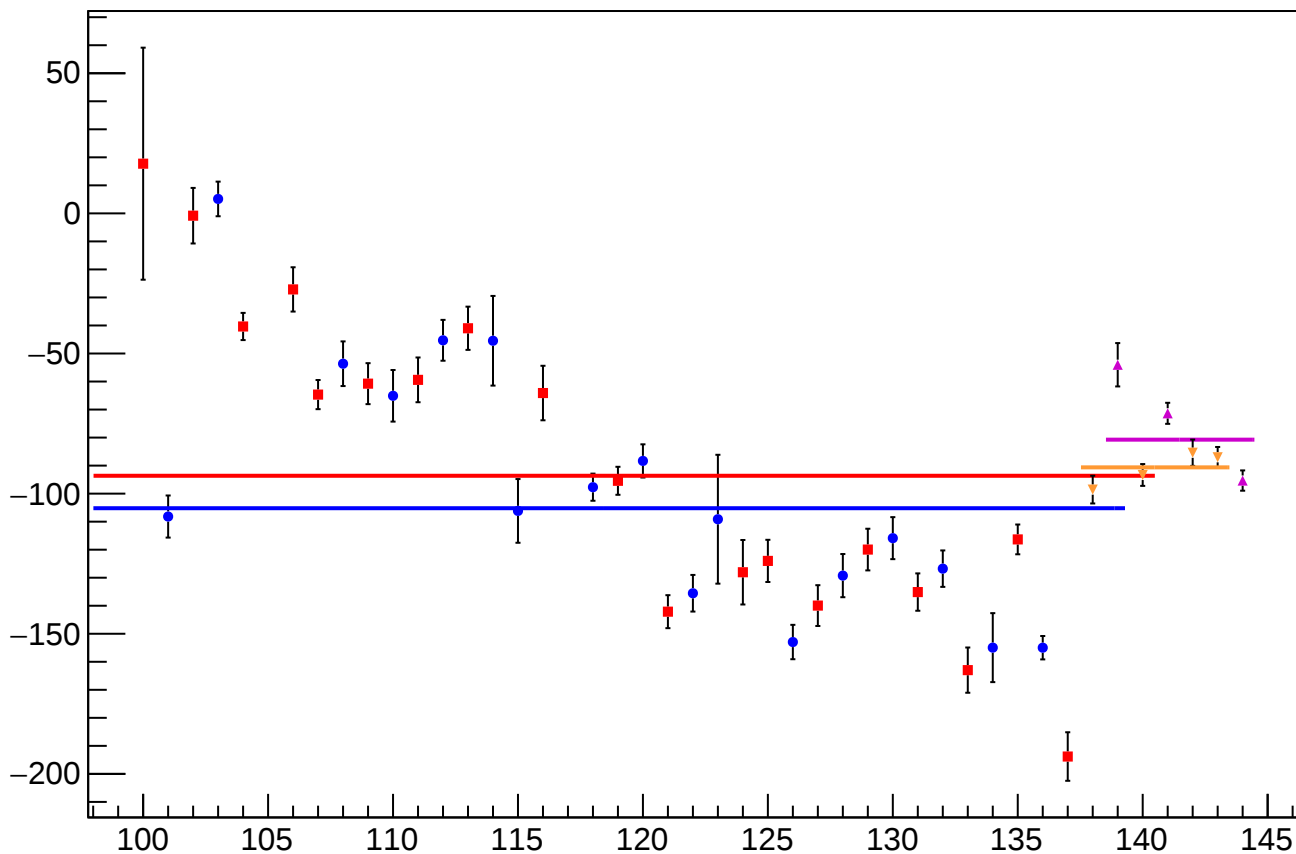
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -306.640 ± 1.899 χ^2/NDF : 1965.6/19

Out: -284.086 ± 1.750 χ^2/NDF : 2610.9/22

All: -294.440 ± 1.287 χ^2/NDF : 4652.8/42

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -90.627 ± 2.103 χ^2/NDF : 5.2/3

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -80.740 ± 2.469 χ^2/NDF : 34.5/2

Left: -86.469 ± 1.601 χ^2/NDF : 49.0/6

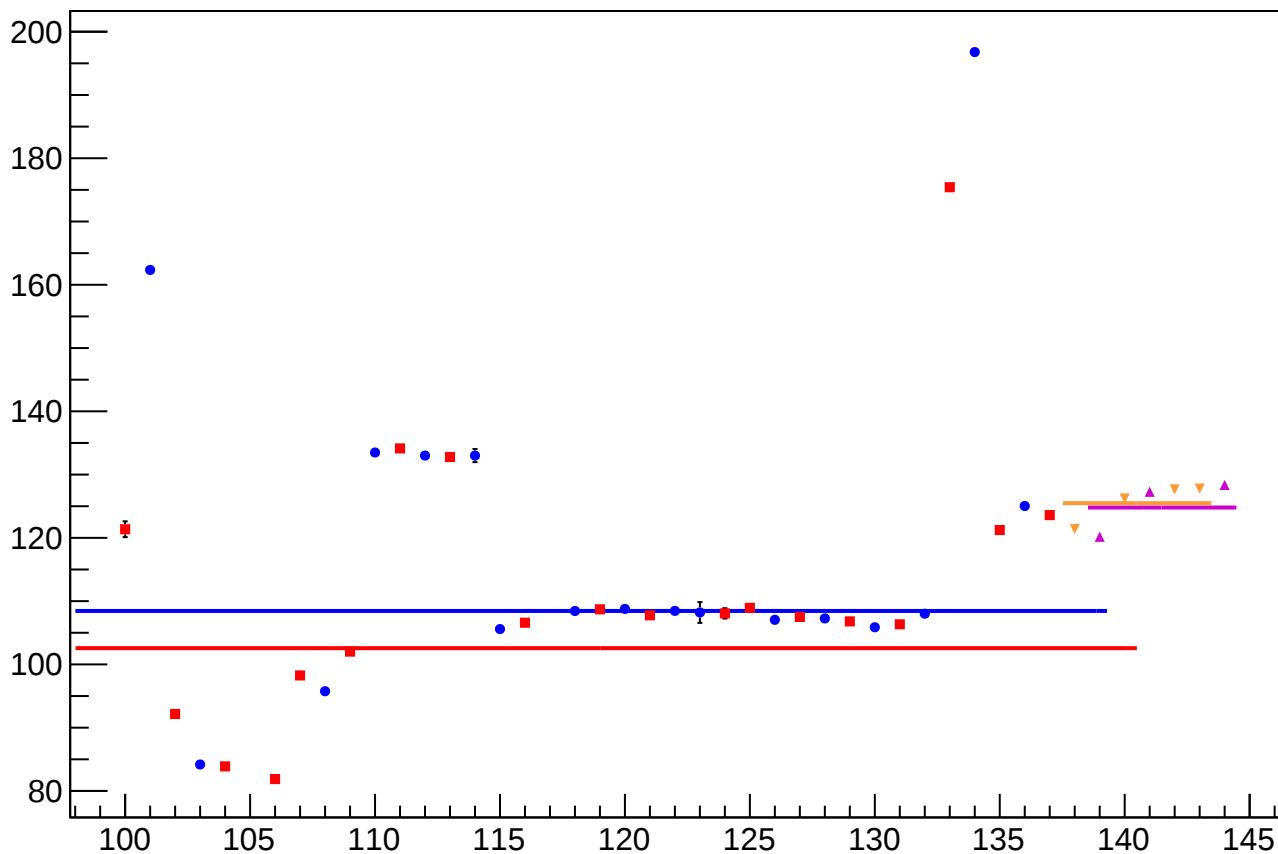
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -97.355 ± 1.398 χ^2/NDF : 836.8/19

Out: -92.517 ± 1.278 χ^2/NDF : 829.2/22

All: -94.720 ± 0.944 χ^2/NDF : 1672.5/42

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 125.485 $\pm$ 0.100 χ^2 /NDF: 704.8/3

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 124.794 $\pm$ 0.107 χ^2 /NDF: 1232.6/2

Left: 125.162 $\pm$ 0.073 χ^2 /NDF: 1959.6/6

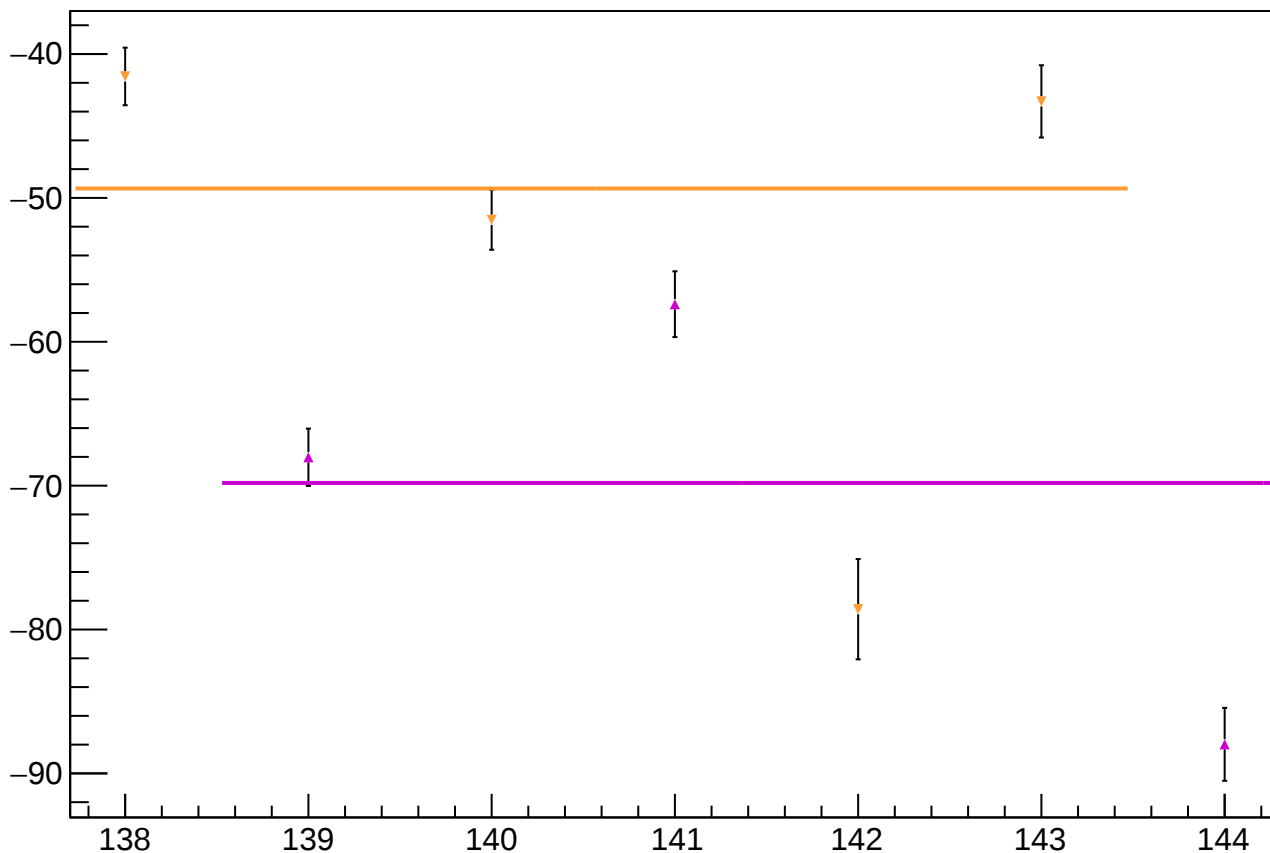
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 114.779 $\pm$ 0.066 χ^2 /NDF: 88891.7/19

Out: 111.427 $\pm$ 0.062 χ^2 /NDF: 86019.3/22

All: 112.995 $\pm$ 0.045 χ^2 /NDF: 176269.0/42

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: -69.811 ± 1.292 χ^2/NDF : 81.7/2

Left: -58.640 ± 0.871 χ^2/NDF : 311.1/6

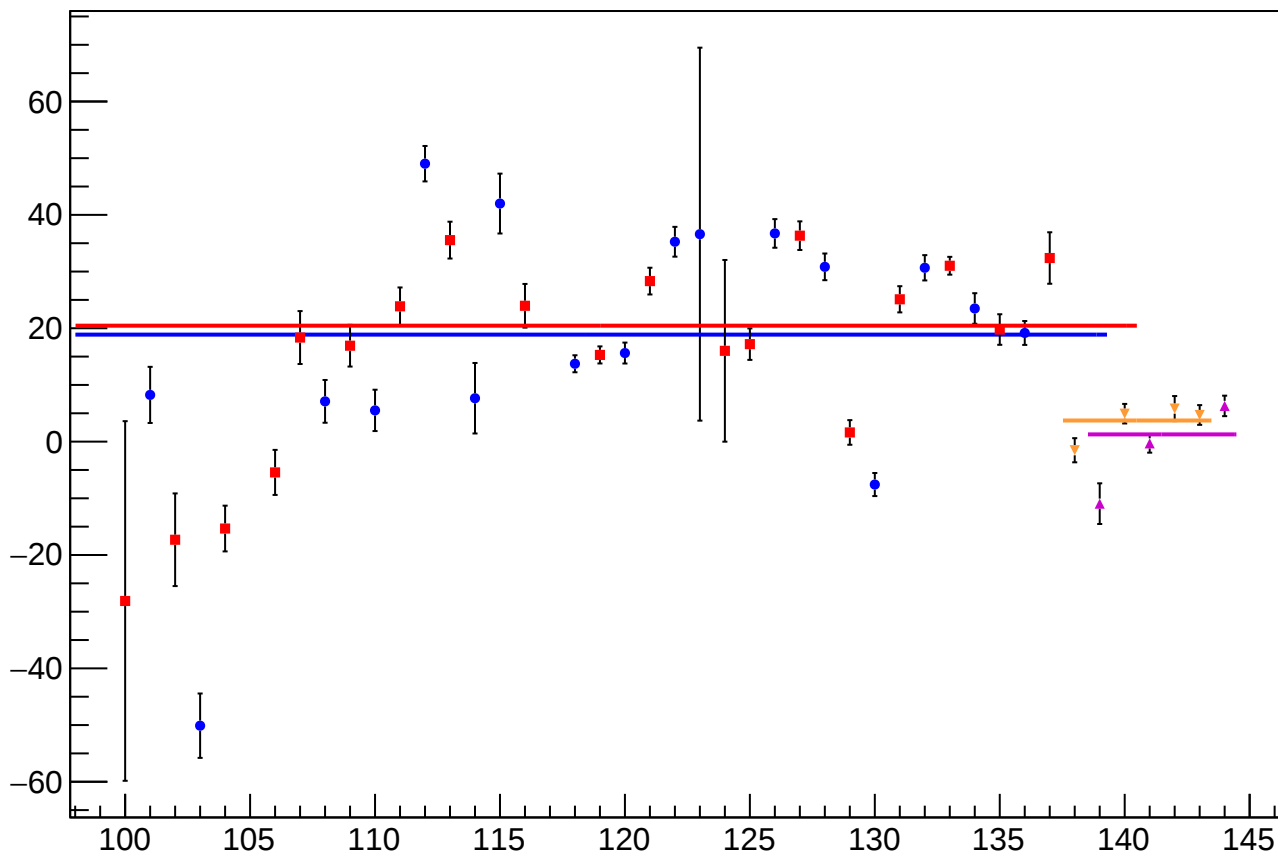
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -69.811 ± 1.292 χ^2/NDF : 81.7/2

Out: -49.345 ± 1.178 χ^2/NDF : 92.4/3

All: -58.640 ± 0.871 χ^2/NDF : 311.1/6

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 3.726 $\pm$ 0.957 χ^2 /NDF: 7.8/3

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 1.275 $\pm$ 1.149 χ^2 /NDF: 20.3/2

Left: 2.723 $\pm$ 0.735 χ^2 /NDF: 30.7/6

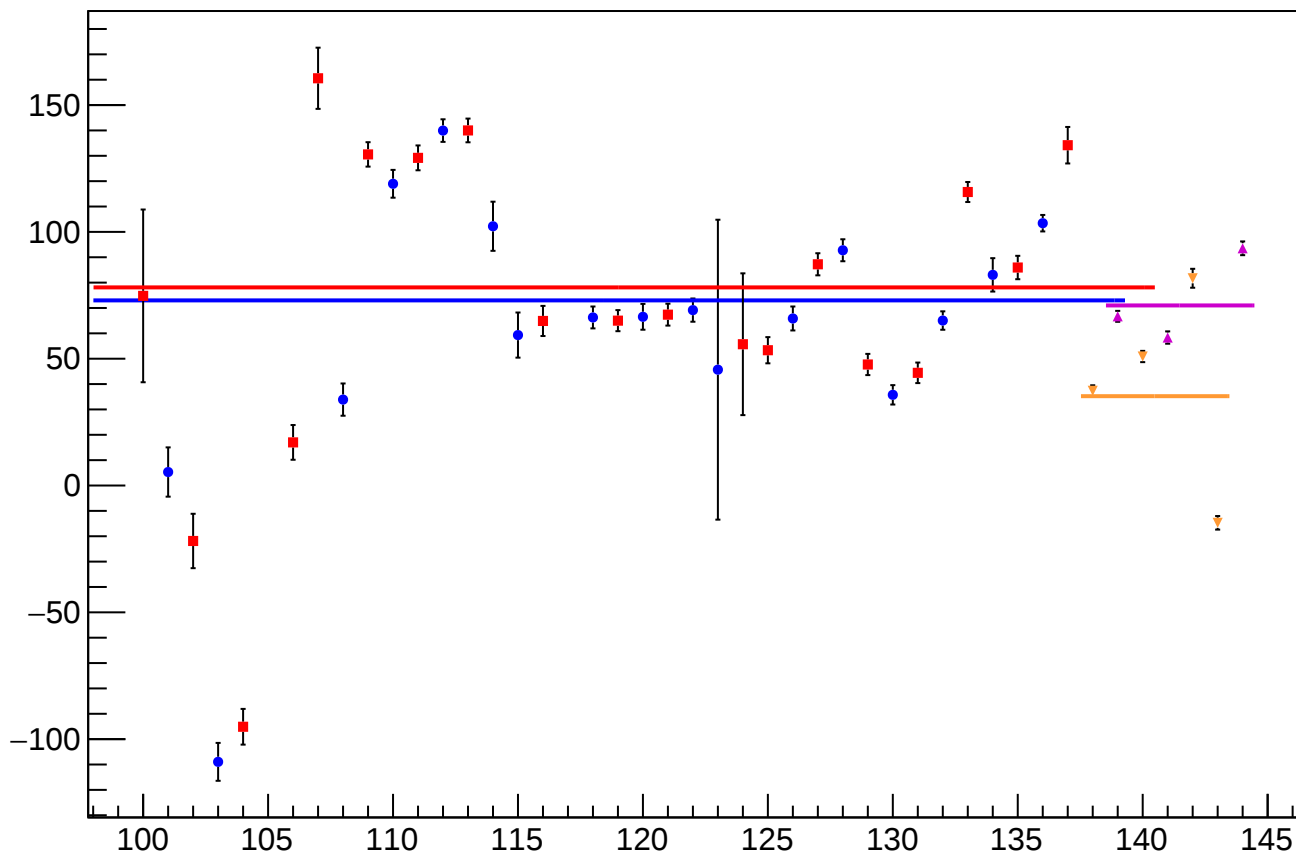
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 14.667 $\pm$ 0.562 χ^2 /NDF: 819.2/19

Out: 15.246 $\pm$ 0.534 χ^2 /NDF: 583.0/22

All: 14.971 $\pm$ 0.387 χ^2 /NDF: 1402.7/42

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 35.225 $\pm$ 1.264 χ^2 /NDF:552.9/3

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 71.003 $\pm$ 1.386 χ^2 /NDF:100.1/2

Left: 51.472 $\pm$ 0.934 χ^2 /NDF: 1016.8/6

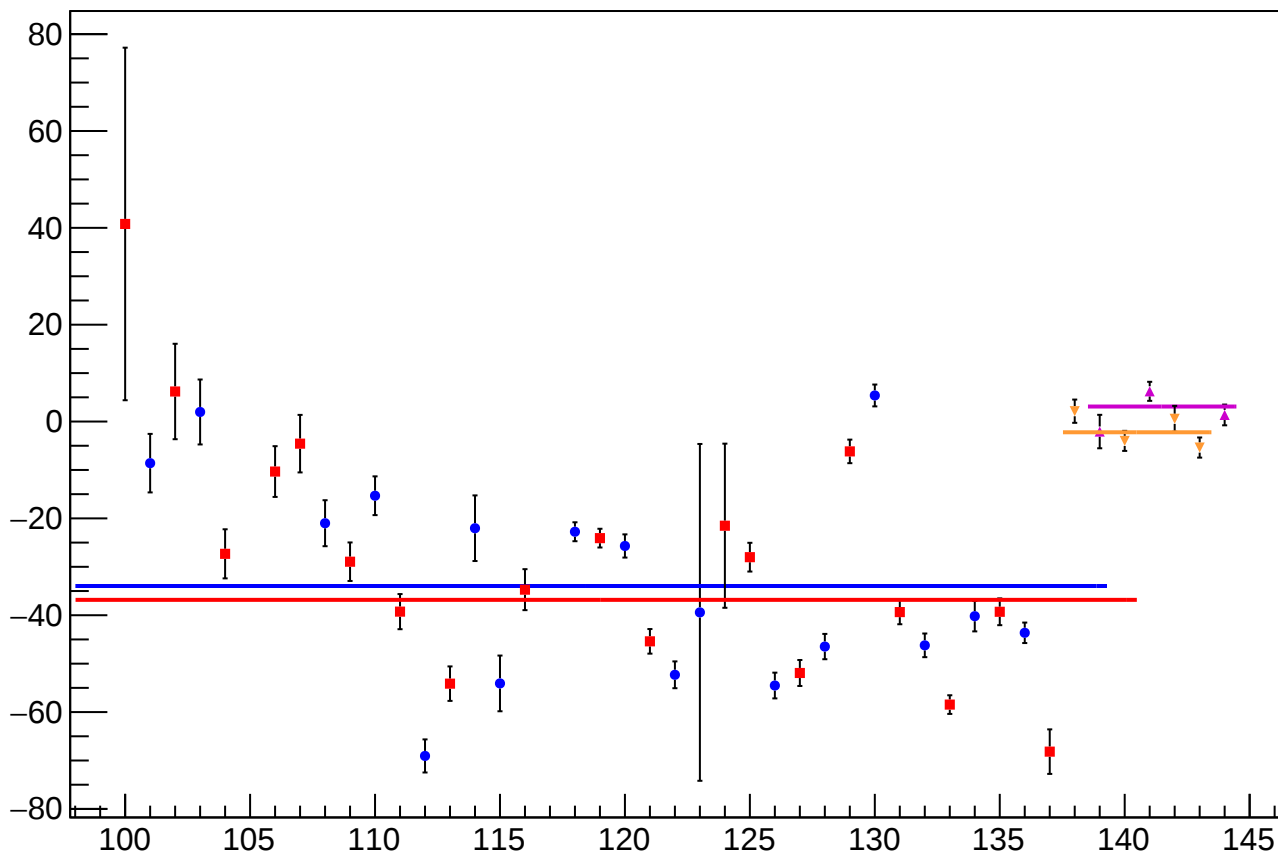
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 72.116 $\pm$ 0.920 χ^2 /NDF:1306.8/19

Out: 57.378 $\pm$ 0.879 χ^2 /NDF:2694.3/22

All: 64.411 $\pm$ 0.636 χ^2 /NDF: 4135.2/42

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -2.218 ± 1.134 χ^2/NDF : 7.4/3

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: 3.100 ± 1.335 χ^2/NDF : 5.4/2

Left: 0.009 ± 0.864 χ^2/NDF : 22.1/6

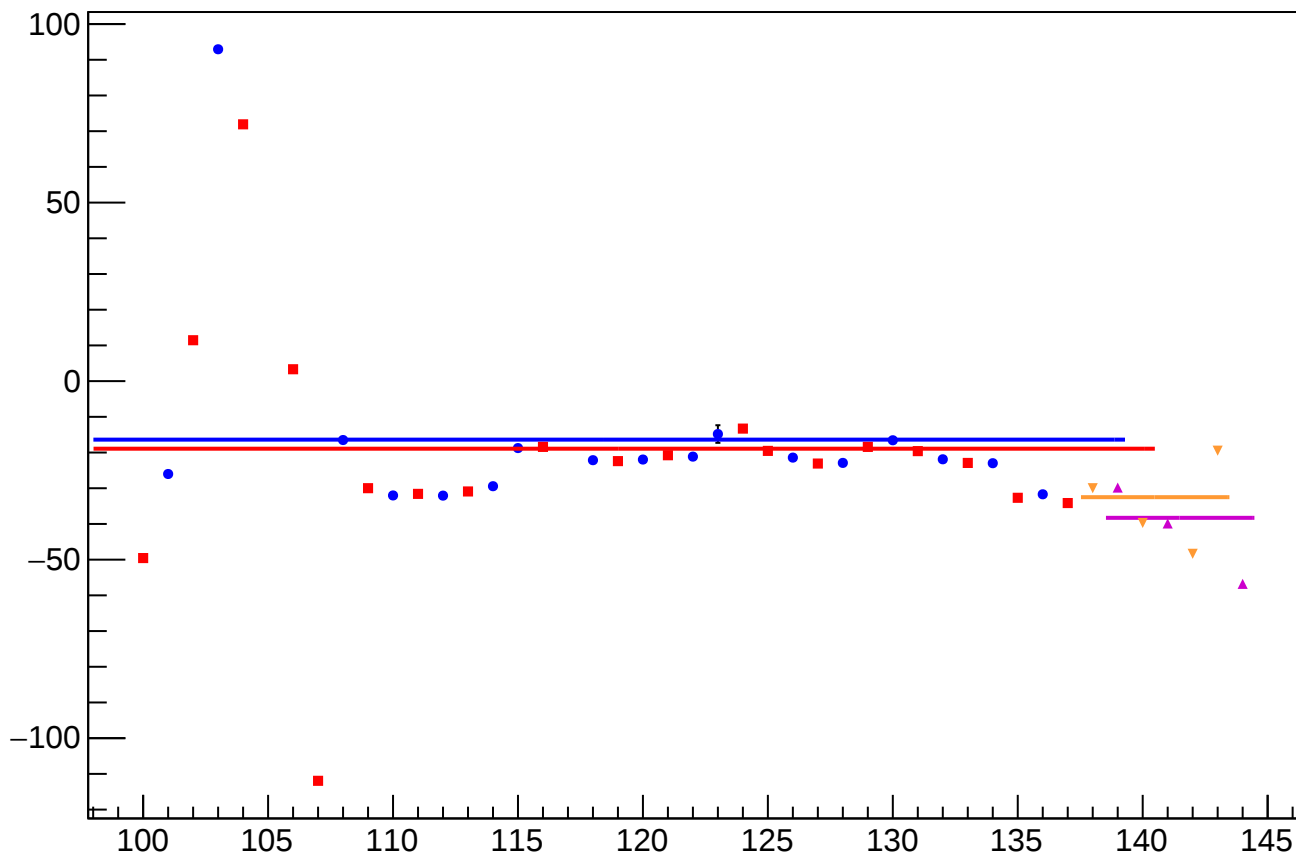
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -25.301 ± 0.646 χ^2/NDF : 1317.6/19

Out: -26.546 ± 0.618 χ^2/NDF : 1202.5/22

All: -25.951 ± 0.446 χ^2/NDF : 2522.1/42

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: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -38.285 ± 0.054 $\chi^2/\text{NDF}: 36906.7/2$

Left: -35.278 ± 0.037 $\chi^2/\text{NDF}: 75297.2/6$

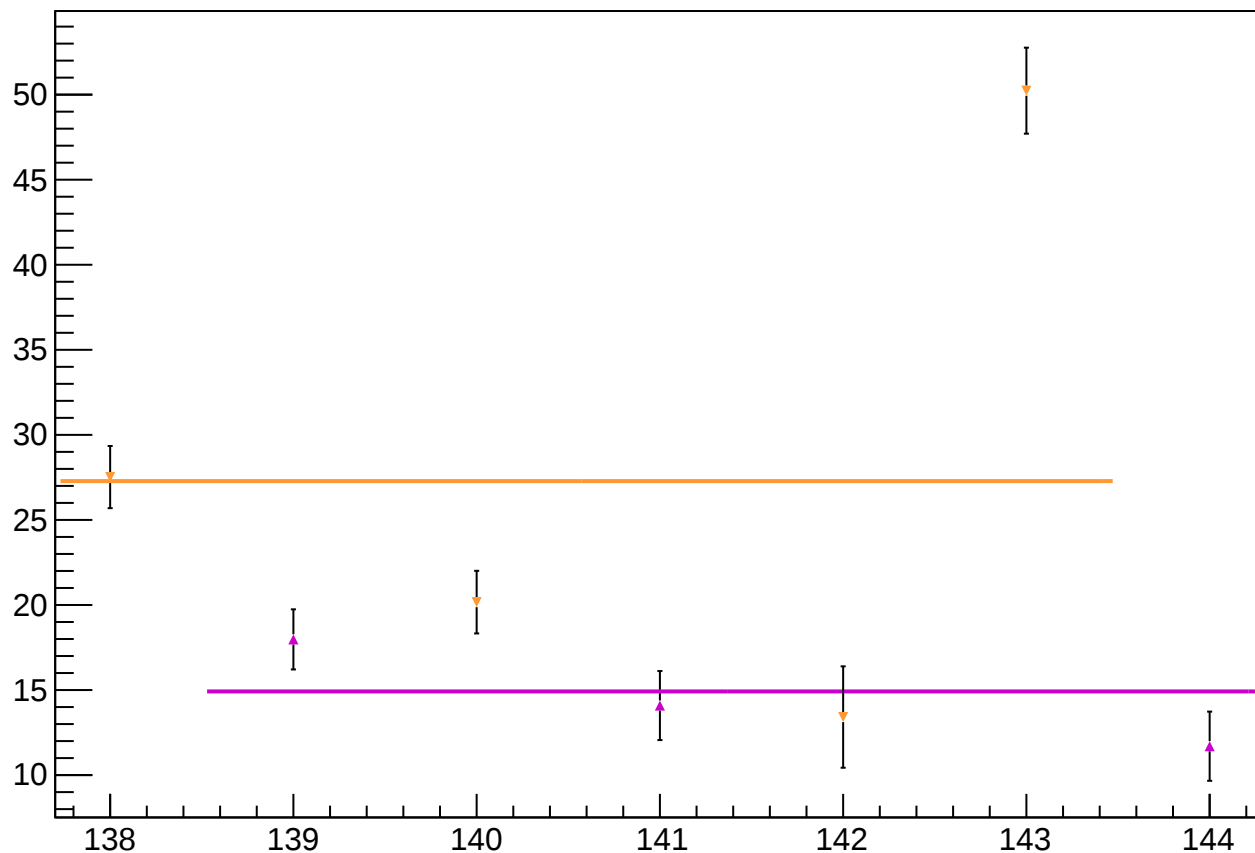
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -25.319 ± 0.034 $\chi^2/\text{NDF}: 610142.9/19$

Out: -24.847 ± 0.034 $\chi^2/\text{NDF}: 505743.4/22$

All: -25.081 ± 0.024 $\chi^2/\text{NDF}: 1115982.2/42$

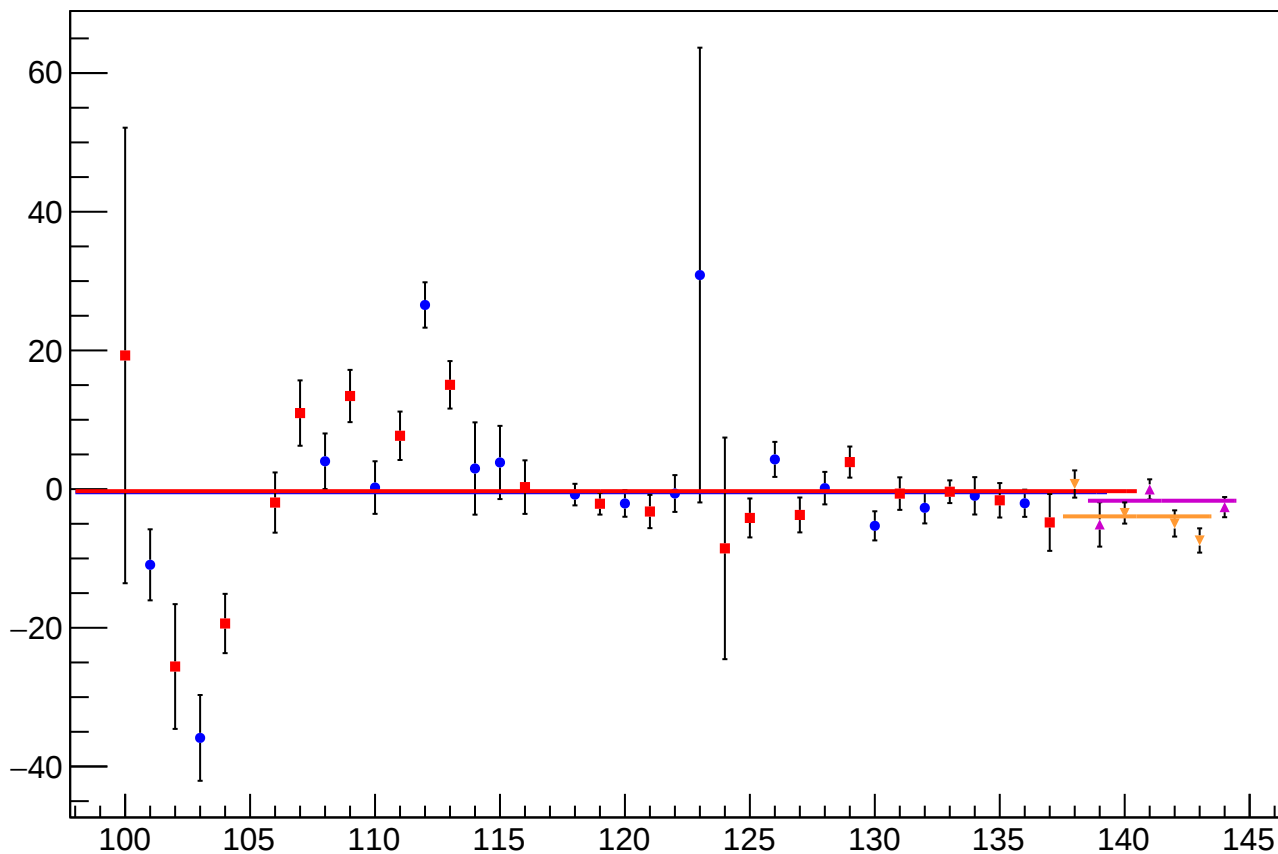
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 14.918+/-1.114 χ^2/NDF :5.7/2

Left: 21.318+/-0.774 χ^2/NDF : 188.4/6
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 14.918+/-1.114 χ^2/NDF :5.7/2
 Out: 27.283+/-1.076 χ^2/NDF :119.0/3
 All: 21.318+/-0.774 χ^2/NDF : 188.4/6

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -3.932 ± 0.879 χ^2/NDF : 10.0/3

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -1.675 ± 0.980 χ^2/NDF : 2.8/2

Left: -2.927 ± 0.654 χ^2/NDF : 15.7/6

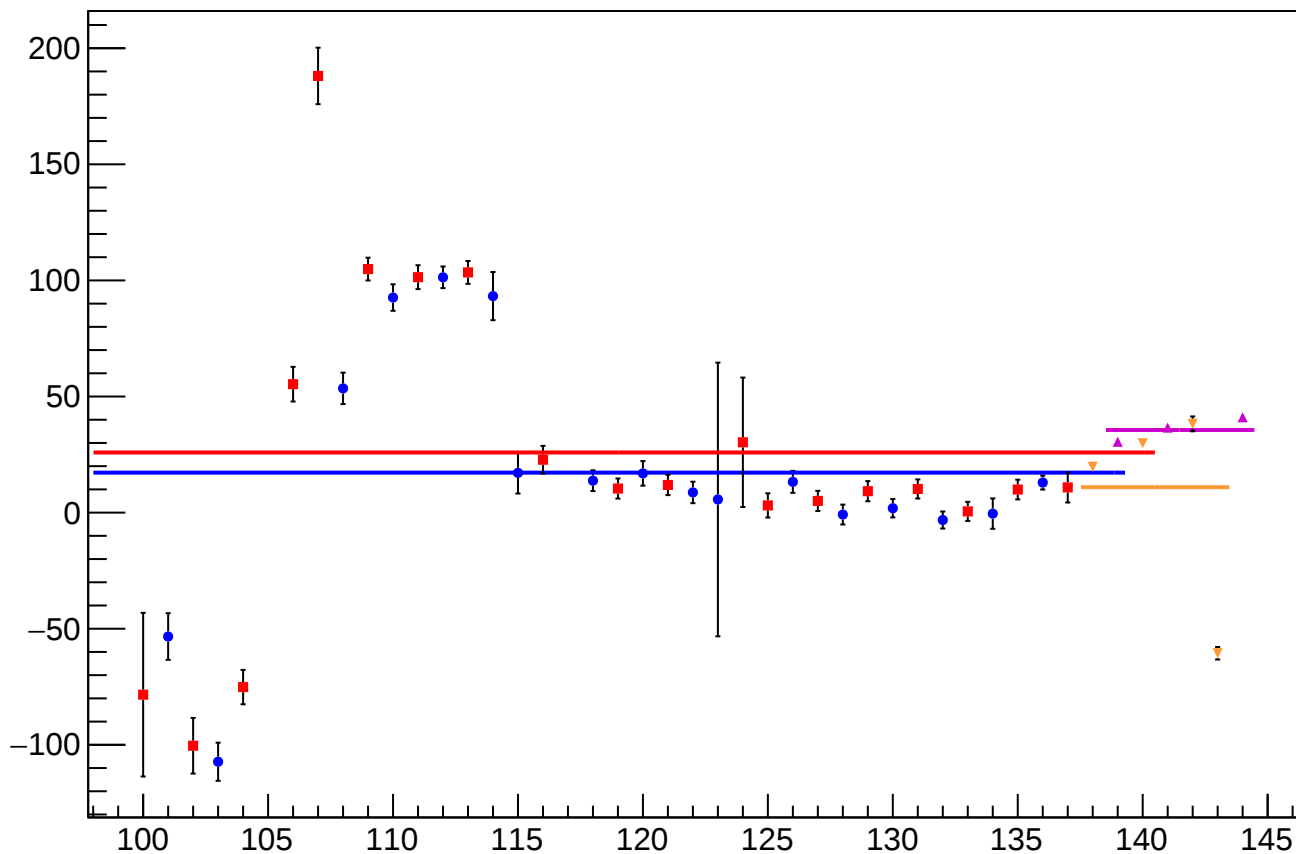
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.829 ± 0.544 χ^2/NDF : 123.4/19

Out: -1.602 ± 0.526 χ^2/NDF : 105.4/22

All: -1.228 ± 0.378 χ^2/NDF : 229.9/42

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: 25.902 $\pm$ 1.243 χ^2 /NDF: 1374.8/18

Left In: 35.577 $\pm$ 1.195 χ^2 /NDF:13.6/2

Left: 22.837 $\pm$ 0.830 χ^2 /NDF: 1122.3/6

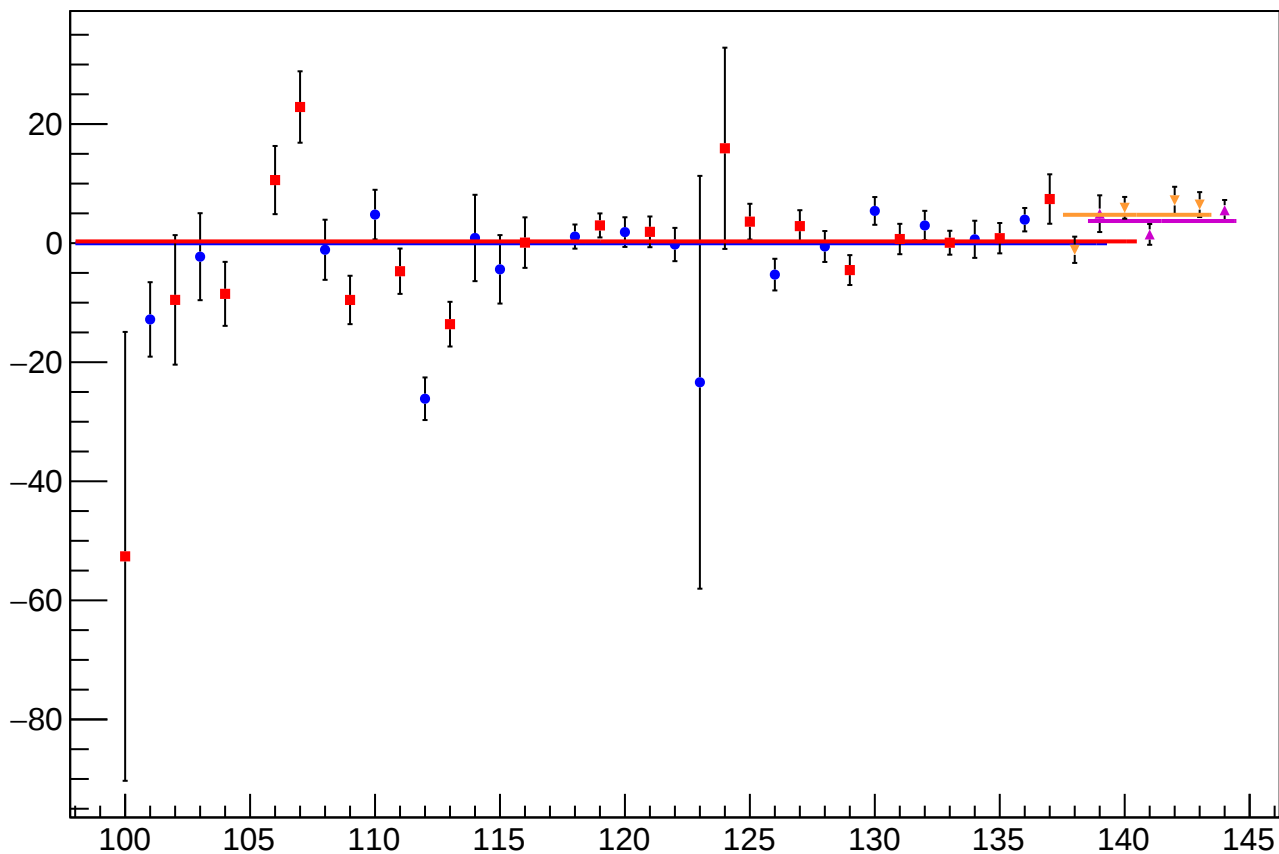
Right: 21.552 $\pm$ 0.878 χ^2 /NDF: 2339.3/35

In: 26.740 $\pm$ 0.861 χ^2 /NDF:1067.3/19

Out: 17.876 $\pm$ 0.846 χ^2 /NDF:2341.5/22

All: 22.230 $\pm$ 0.603 χ^2 /NDF: 3462.8/42

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 4.760 ± 1.040 χ^2/NDF : 9.3/3

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 3.717 ± 1.139 χ^2/NDF : 2.9/2

Left: 4.286 ± 0.768 χ^2/NDF : 12.7/6

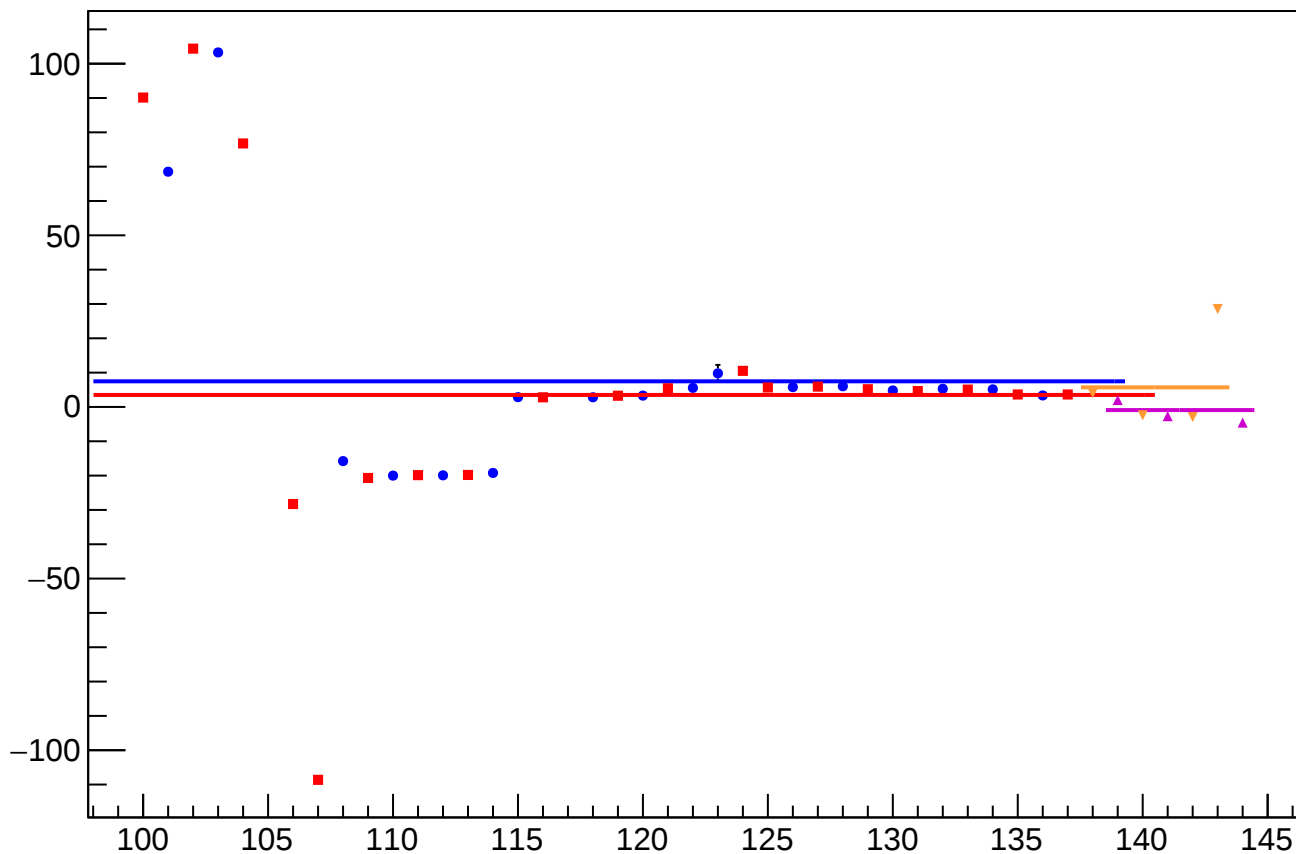
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.098 ± 0.623 χ^2/NDF : 86.3/19

Out: 1.818 ± 0.608 χ^2/NDF : 77.5/22

All: 1.467 ± 0.435 χ^2/NDF : 164.5/42

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: 5.712+/-0.047 χ^2/NDF : 58659.5/3

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -0.912+/-0.047 χ^2/NDF : 3756.7/2

Left: 2.370+/-0.033 χ^2/NDF : 72459.3/6

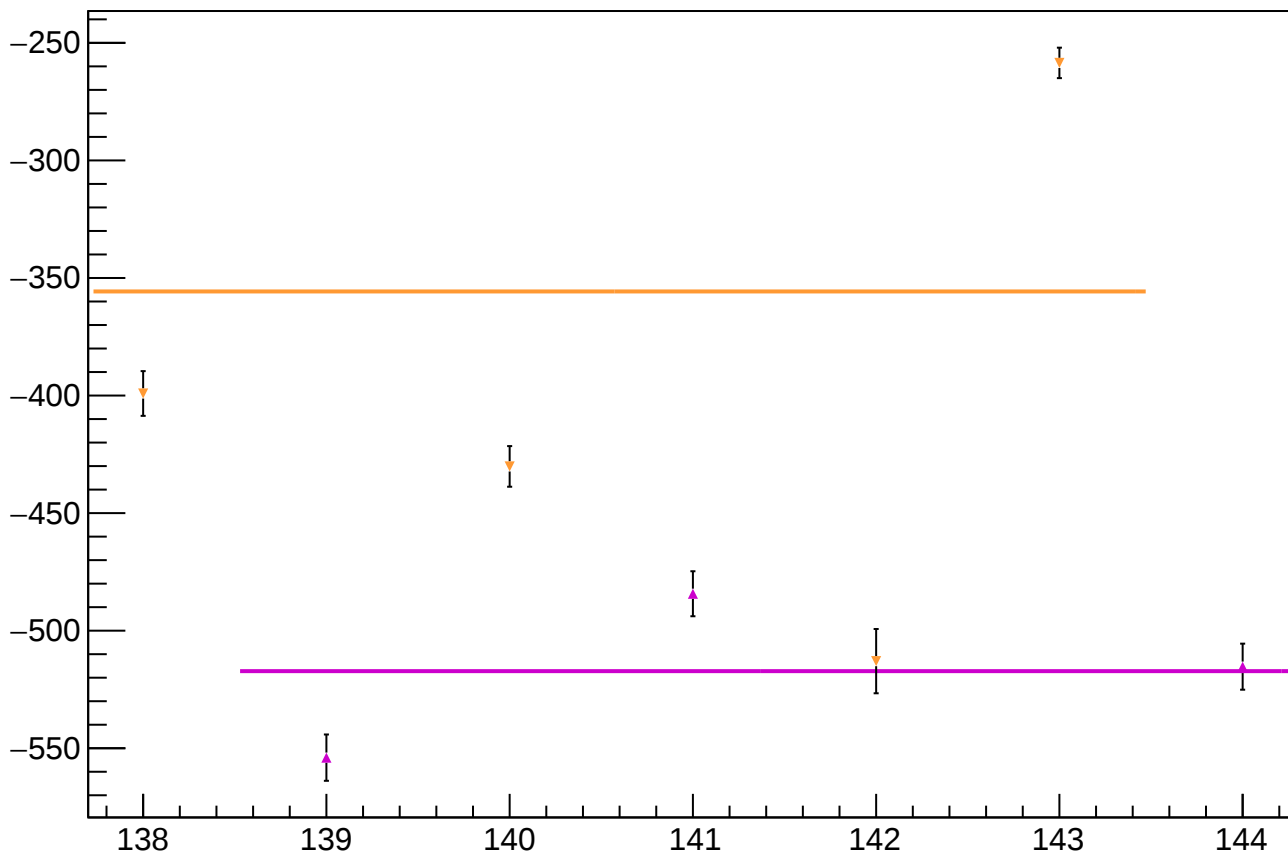
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 3.466+/-0.032 χ^2/NDF : 376597.9/19

Out: 4.573+/-0.033 χ^2/NDF : 570379.7/22

All: 4.010+/-0.023 χ^2/NDF : 947559.5/42

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: -517.208+/-5.620 χ^2/NDF :25.8/2

Left: -415.672+/-3.424 χ^2/NDF : 997.4/6

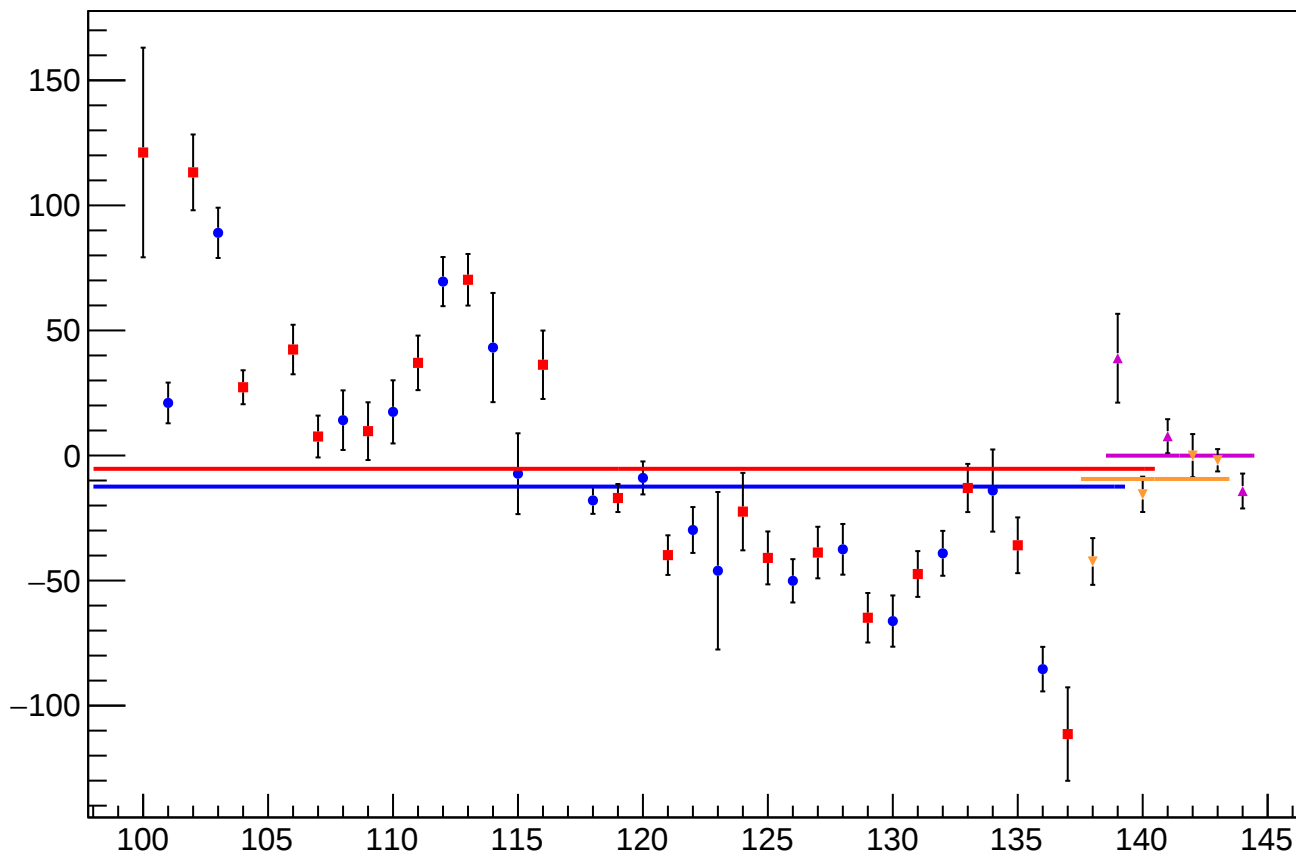
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -517.208+/-5.620 χ^2/NDF :25.8/2

Out: -355.726+/-4.318 χ^2/NDF :452.4/3

All: -415.672+/-3.424 χ^2/NDF : 997.4/6

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -9.380 ± 3.241 χ^2/NDF : 17.2/3

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: -0.052 ± 4.700 χ^2/NDF : 10.2/2

Left: -6.374 ± 2.668 χ^2/NDF : 30.1/6

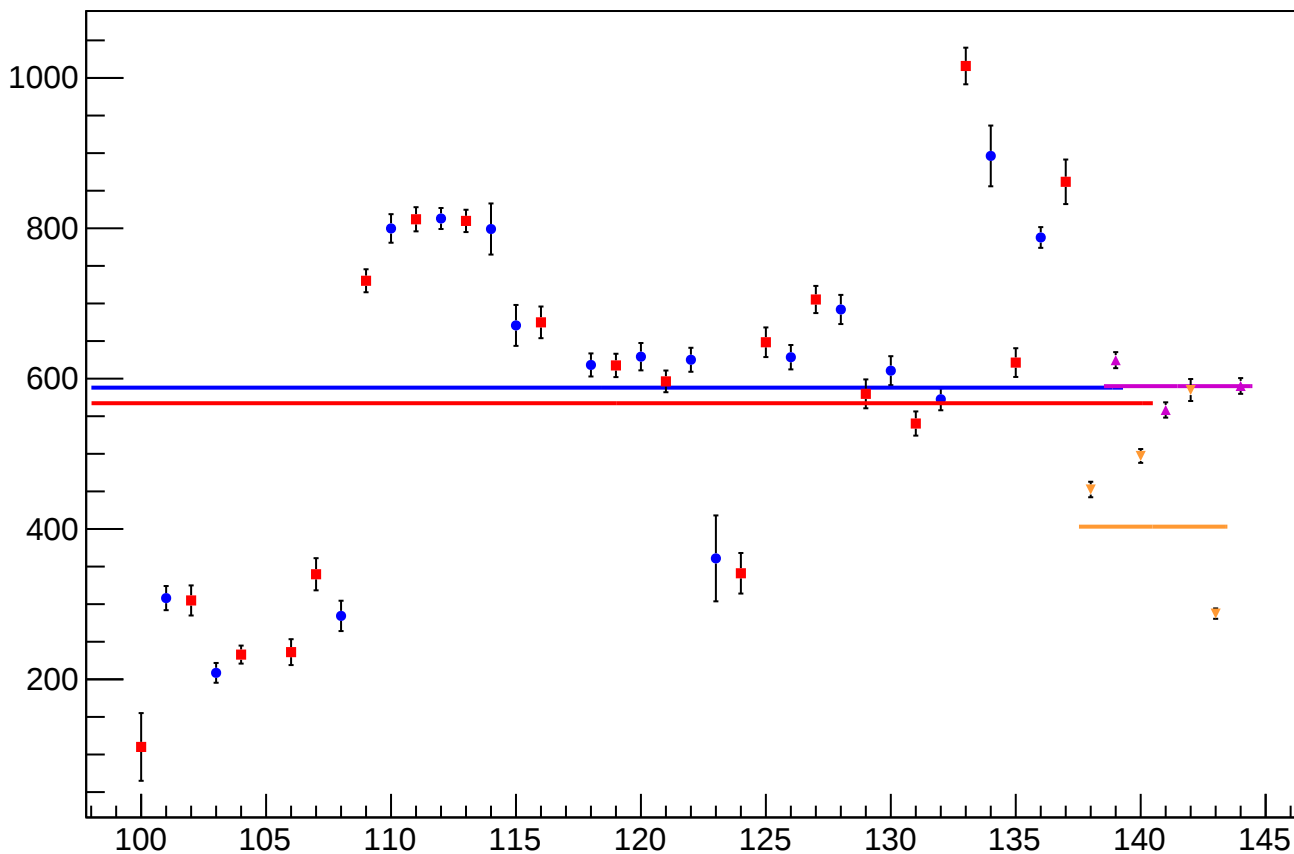
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: -10.014 ± 2.077 χ^2/NDF : 356.0/19

Out: -6.646 ± 1.854 χ^2/NDF : 361.1/22

All: -8.139 ± 1.383 χ^2/NDF : 718.6/42

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 403.107 $\pm$ 4.620 χ^2 /NDF:562.2/3

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 590.025 $\pm$ 6.023 χ^2 /NDF:20.2/2

Left: 472.350 $\pm$ 3.666 χ^2 /NDF: 1188.8/6

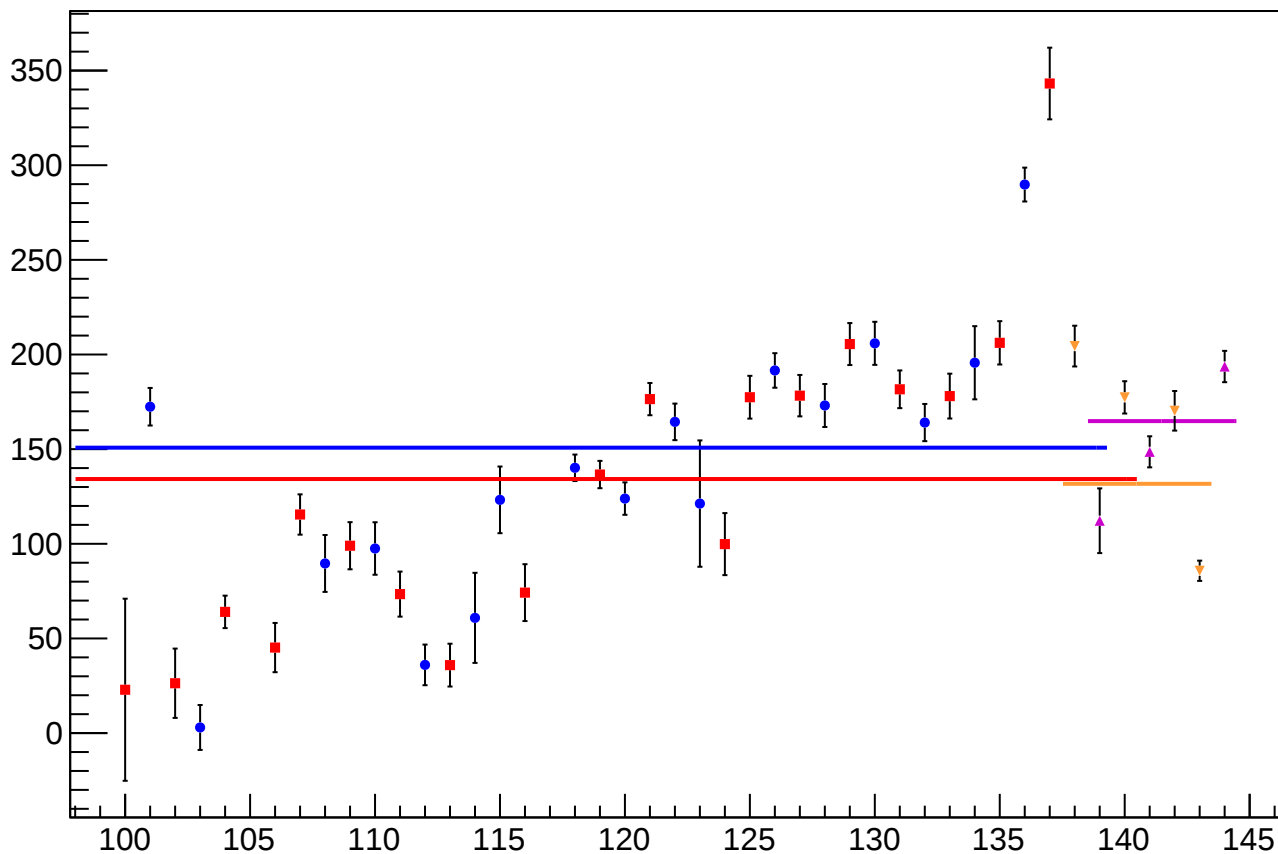
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 588.712 $\pm$ 3.515 χ^2 /NDF:2148.0/19

Out: 494.317 $\pm$ 3.080 χ^2 /NDF:4048.2/22

All: 535.319 $\pm$ 2.317 χ^2 /NDF: 6604.1/42

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2/NDF : 633.1/16

Left Out: 131.689 $\pm$ 3.879 χ^2/NDF : 161.7/3

Right Out: 134.219 $\pm$ 2.615 χ^2/NDF : 581.6/18

Left In: 164.819 $\pm$ 5.516 χ^2/NDF : 25.5/2

Left: 142.653 $\pm$ 3.173 χ^2/NDF : 211.4/6

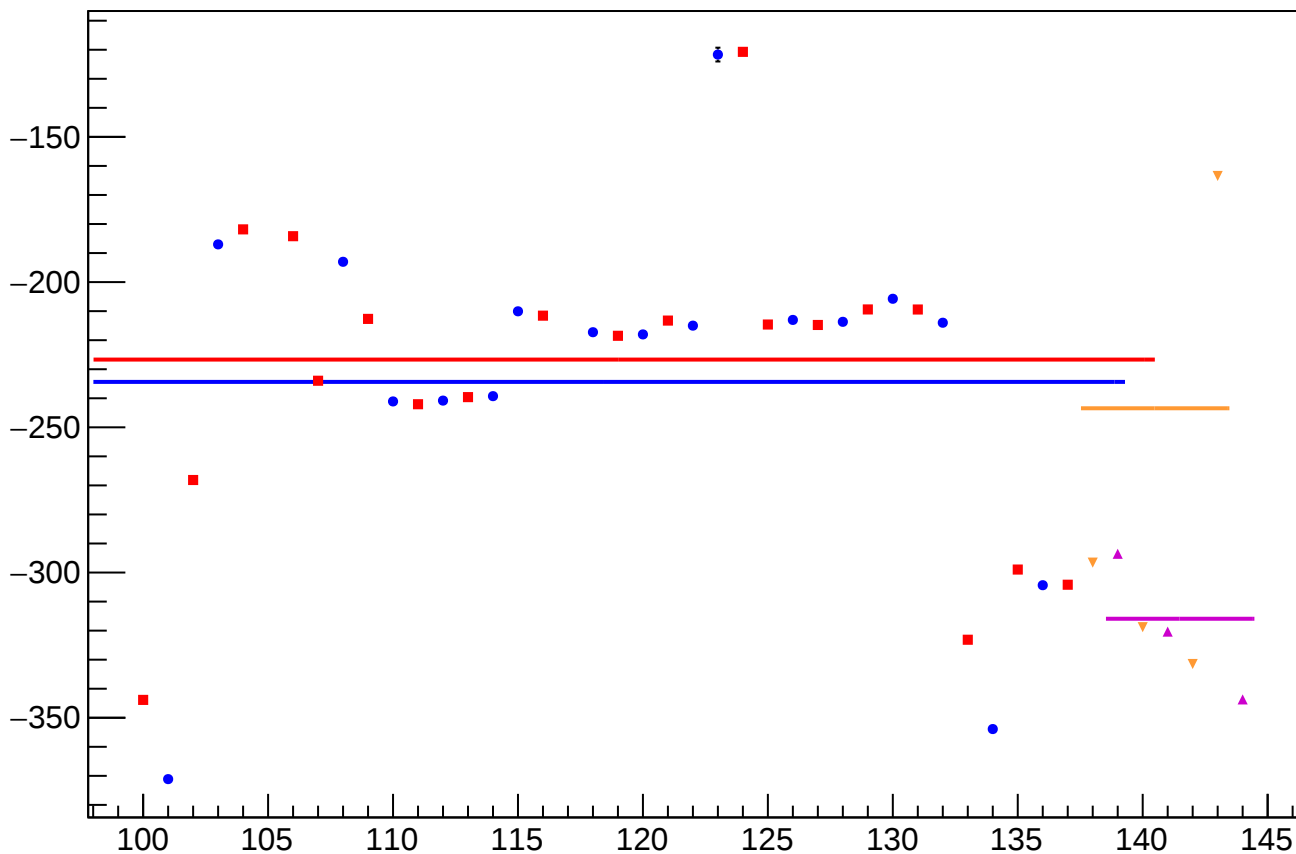
Right: 142.302 $\pm$ 1.872 χ^2/NDF : 1234.3/35

In: 153.465 $\pm$ 2.410 χ^2/NDF : 663.9/19

Out: 133.428 $\pm$ 2.169 χ^2/NDF : 743.6/22

All: 142.392 $\pm$ 1.612 χ^2/NDF : 1445.7/42

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -243.443+/-0.189 χ^2/NDF : 156863.1/3

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -315.910+/-0.238 χ^2/NDF : 7337.1/2

Left: -271.584+/-0.148 χ^2/NDF : 221127.3/6

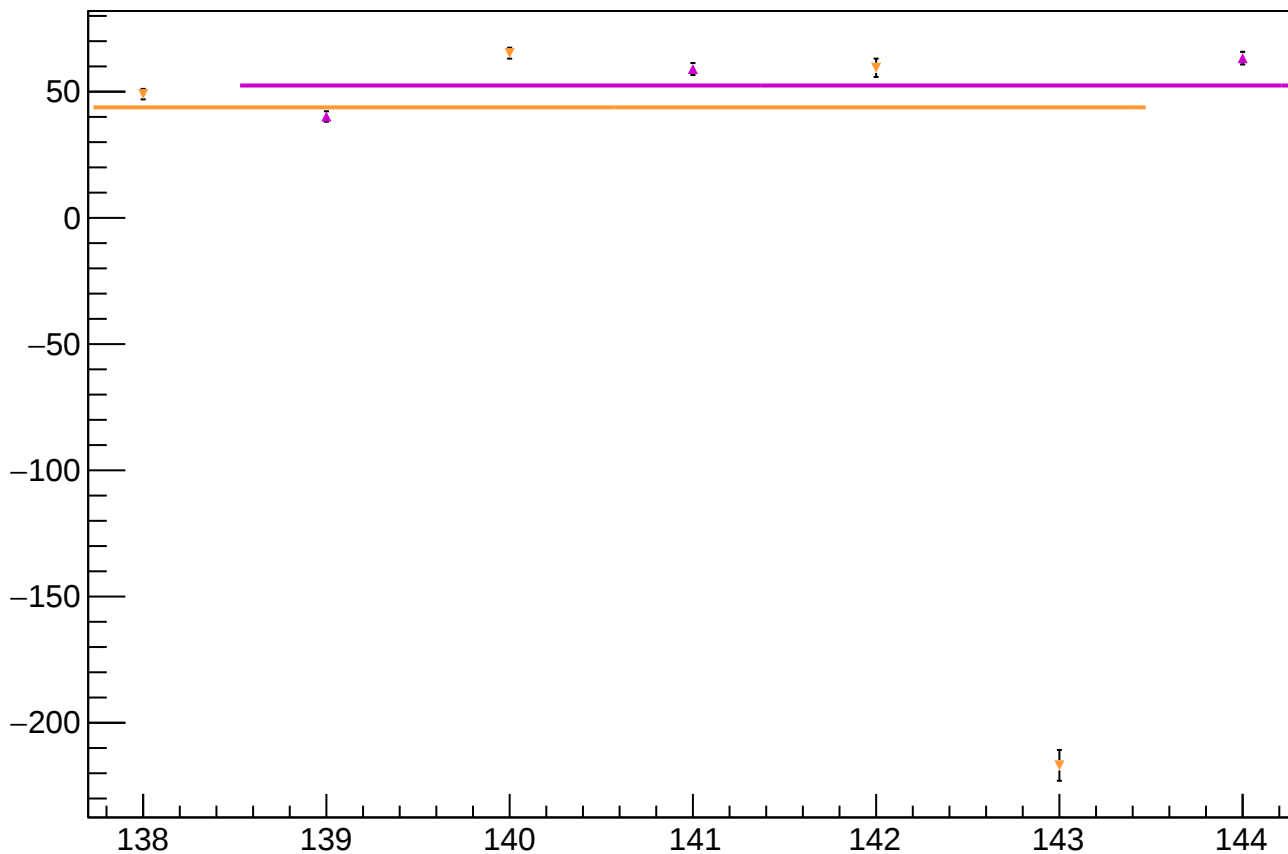
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -257.271+/-0.126 χ^2/NDF : 237245.3/19

Out: -232.673+/-0.113 χ^2/NDF : 261395.0/22

All: -243.669+/-0.084 χ^2/NDF : 519745.6/42

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: 52.438+/-1.326 χ^2/NDF :61.3/2

Left: 48.188+/-0.946 χ^2/NDF : 2024.2/6

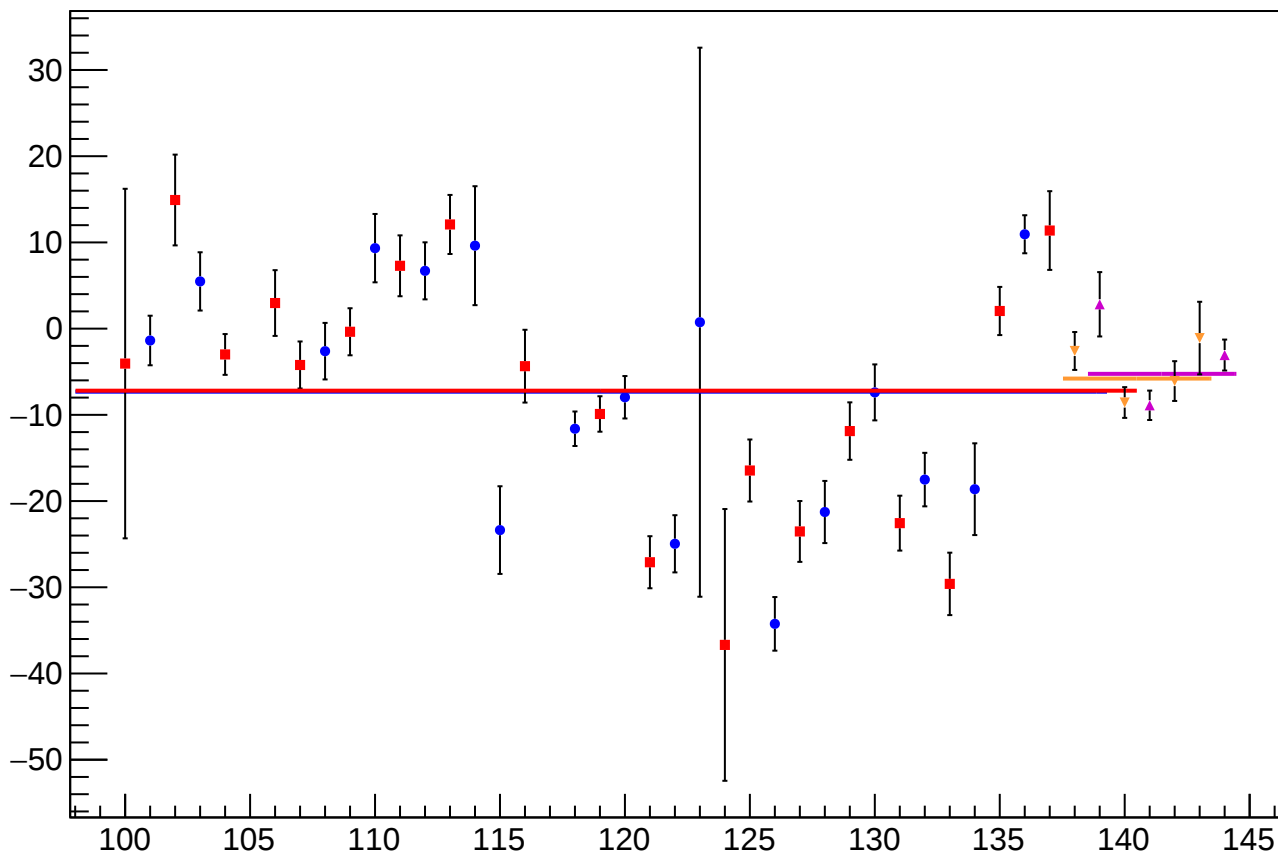
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 52.438+/-1.326 χ^2/NDF :61.3/2

Out: 43.785+/-1.350 χ^2/NDF :1941.9/3

All: 48.188+/-0.946 χ^2/NDF : 2024.2/6

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -5.792 ± 1.143 χ^2/NDF : 5.8/3

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -5.244 ± 1.174 χ^2/NDF : 10.7/2

Left: -5.526 ± 0.819 χ^2/NDF : 16.6/6

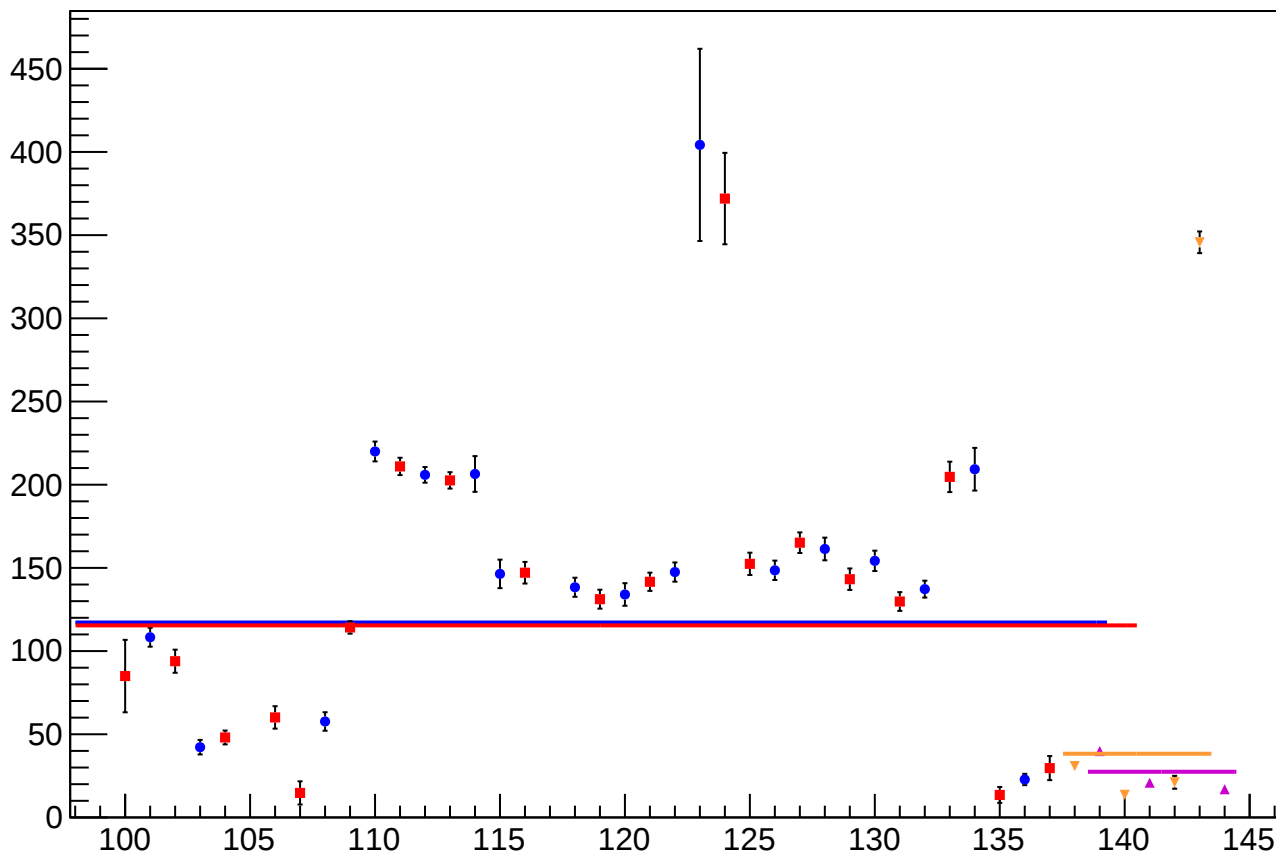
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -6.679 ± 0.650 χ^2/NDF : 292.0/19

Out: -6.766 ± 0.634 χ^2/NDF : 259.0/22

All: -6.724 ± 0.454 χ^2/NDF : 550.9/42

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 38.293+/-1.450 χ^2/NDF :2369.1/3

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 27.465+/-1.423 χ^2/NDF :52.7/2

Left: 32.777+/-1.016 χ^2/NDF : 2450.2/6

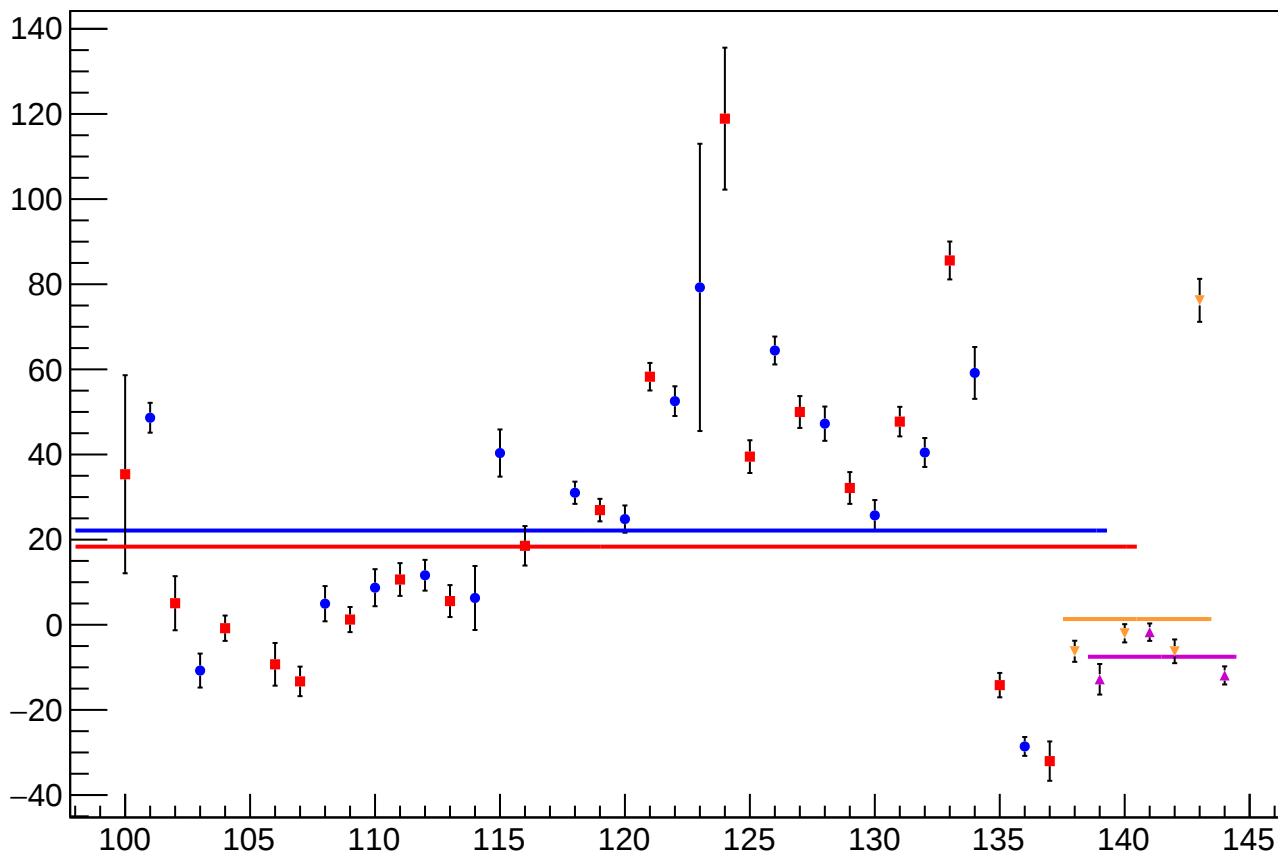
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 72.689+/-1.002 χ^2/NDF :4216.0/19

Out: 79.322+/-0.992 χ^2/NDF :6025.4/22

All: 76.038+/-0.705 χ^2/NDF : 10263.5/42

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136±/0.891 χ^2 /NDF: 1064.1/16

Left Out: 1.348±/1.350 χ^2 /NDF:239.2/3

Right Out: 18.355±/0.871 χ^2 /NDF: 1070.9/18

Left In: -7.514±/1.364 χ^2 /NDF:14.4/2

Left: -3.039±/0.960 χ^2 /NDF: 274.9/6

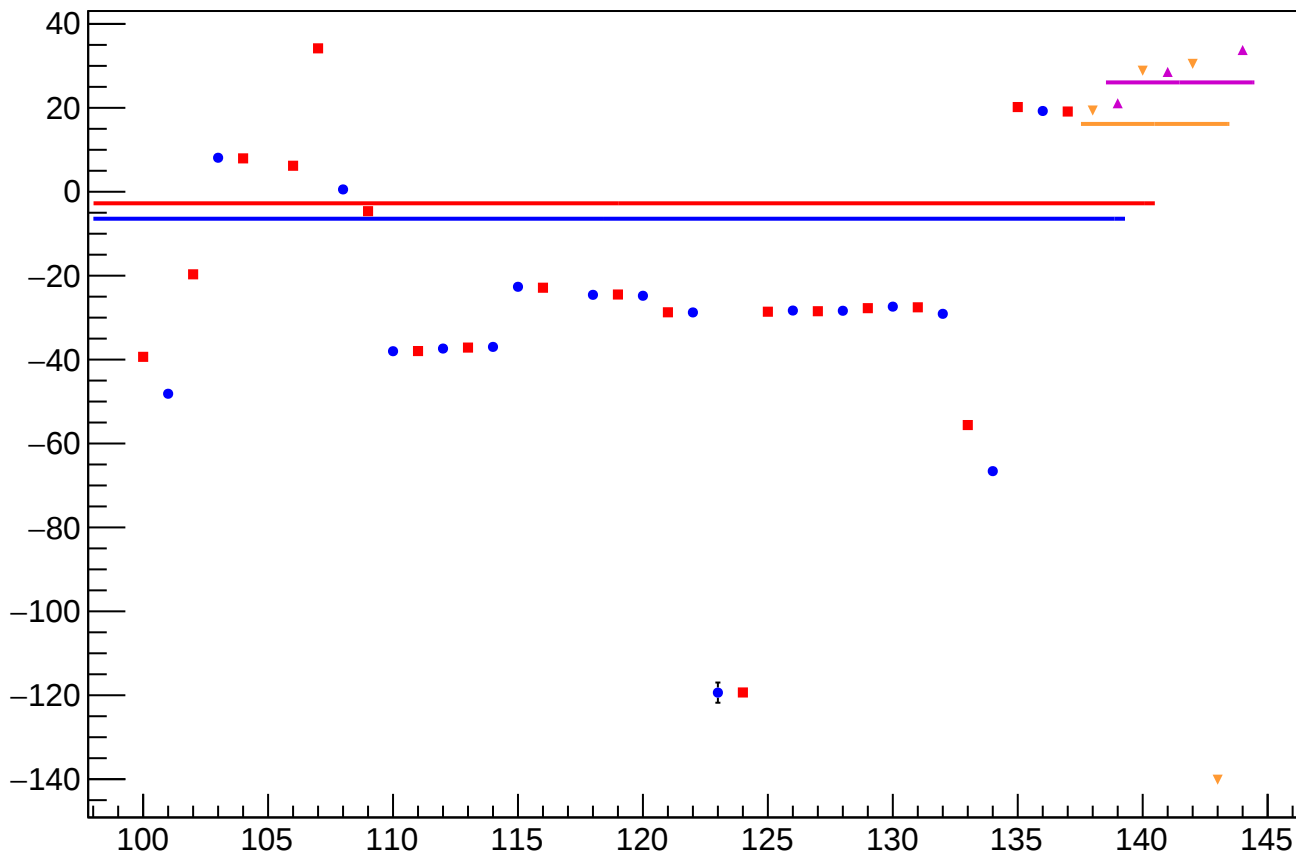
Right: 20.203±/0.623 χ^2 /NDF: 2144.2/35

In: 13.264±/0.746 χ^2 /NDF:1409.8/19

Out: 13.355±/0.732 χ^2 /NDF:1422.1/22

All: 13.311±/0.523 χ^2 /NDF: 2831.8/42

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 16.166 ± 0.059 $\chi^2/\text{NDF}: 380732.3/3$

Right Out: -2.752 ± 0.046 $\chi^2/\text{NDF}: 266290.0/18$

Left In: 26.060 ± 0.055 $\chi^2/\text{NDF}: 8879.4/2$

Left: 21.462 ± 0.040 $\chi^2/\text{NDF}: 404600.9/6$

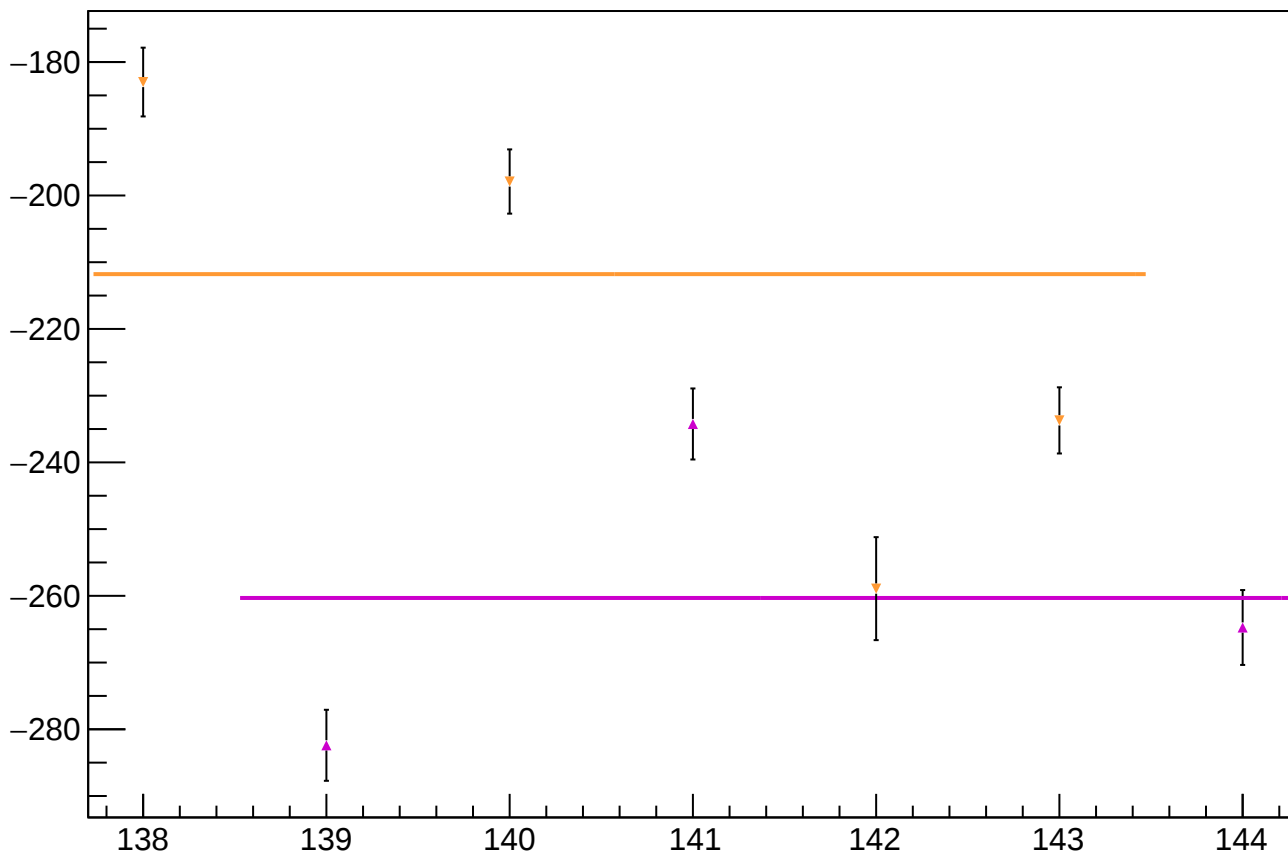
Right: -4.569 ± 0.032 $\chi^2/\text{NDF}: 534660.8/35$

In: 6.990 ± 0.035 $\chi^2/\text{NDF}: 478169.6/19$

Out: 4.319 ± 0.036 $\chi^2/\text{NDF}: 711127.2/22$

All: 5.682 ± 0.025 $\chi^2/\text{NDF}: 1192084.1/42$

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: -260.320+/-3.125 χ^2/NDF :41.8/2

Left: -232.434+/-2.039 χ^2/NDF : 276.8/6

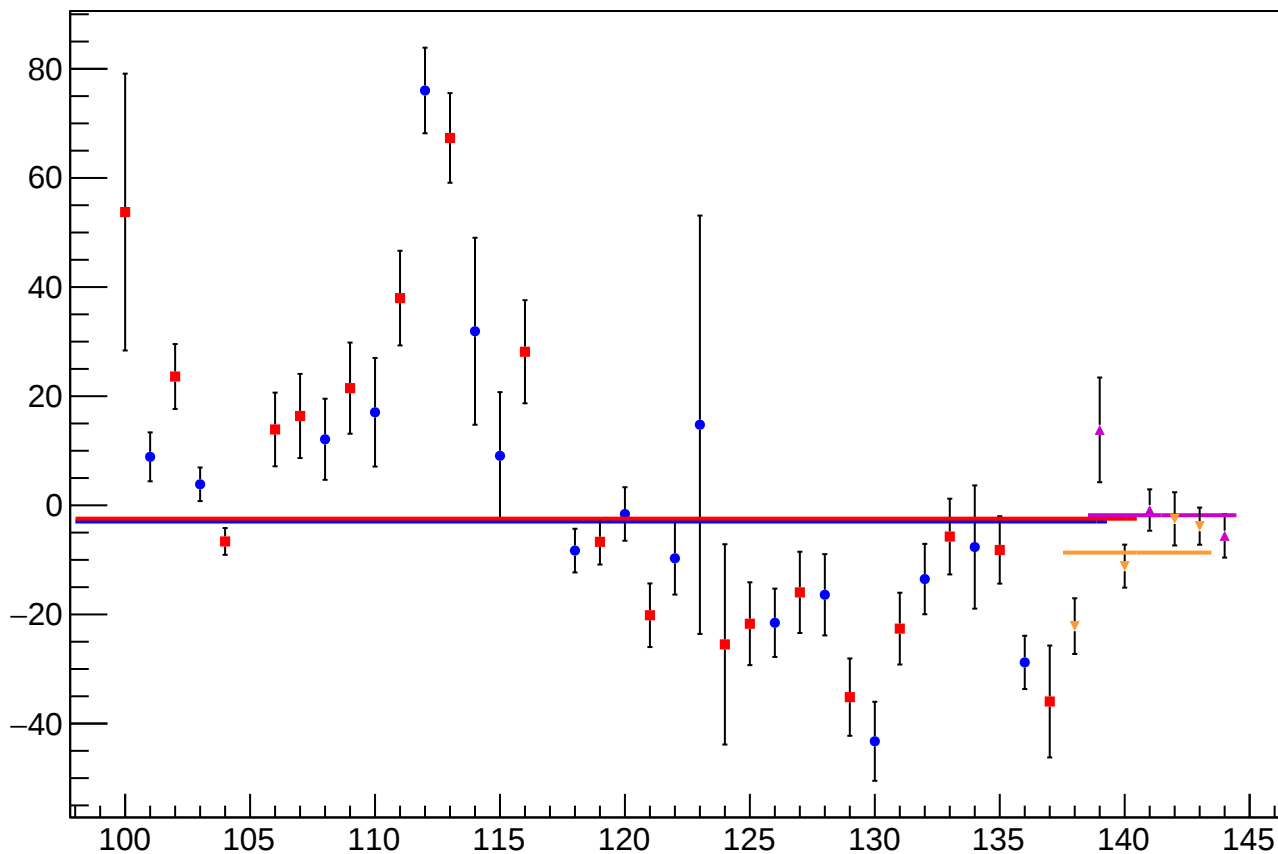
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -260.320+/-3.125 χ^2/NDF :41.8/2

Out: -211.786+/-2.689 χ^2/NDF :96.4/3

All: -232.434+/-2.039 χ^2/NDF : 276.8/6

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: -8.663 ± 2.080 χ^2/NDF : 11.0/3

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: -1.815 ± 2.644 χ^2/NDF : 3.6/2

Left: -6.045 ± 1.635 χ^2/NDF : 18.8/6

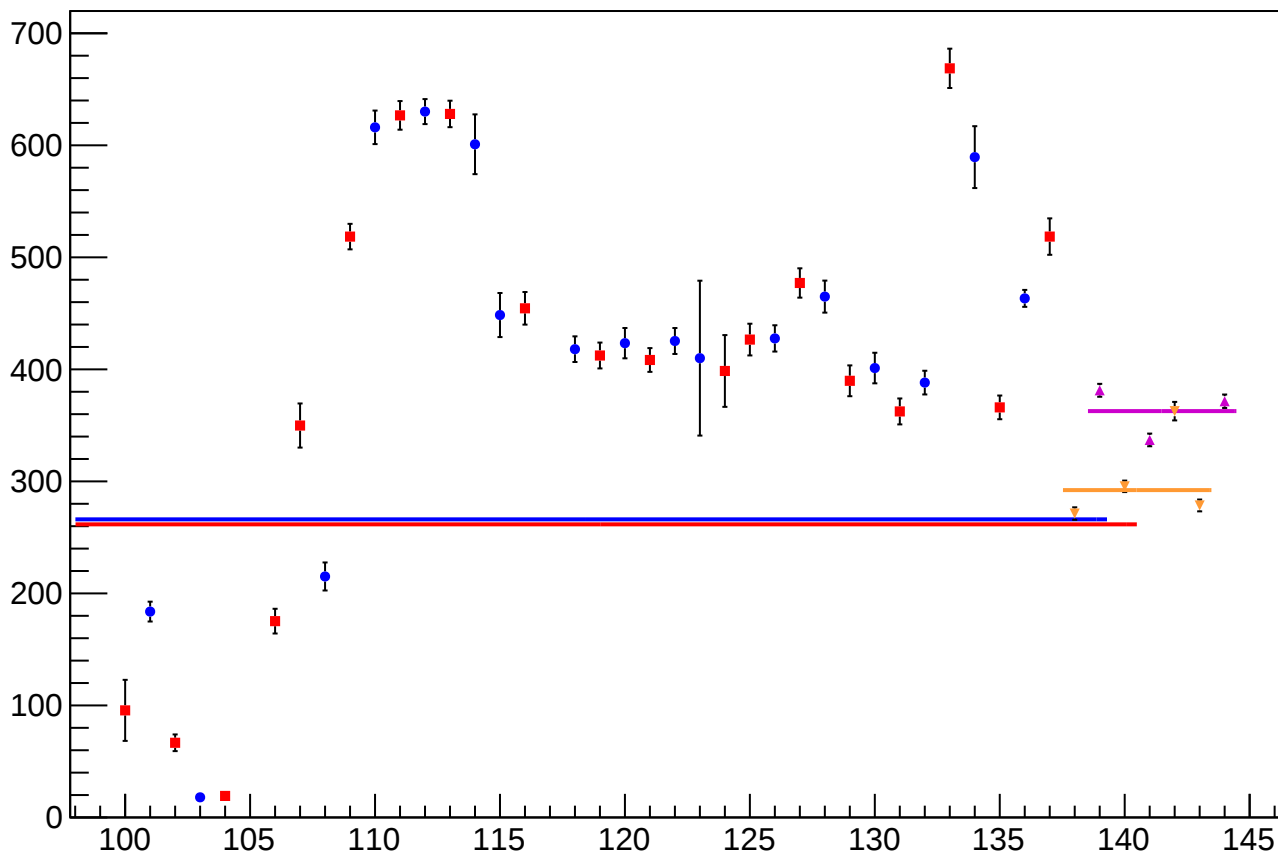
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: -2.698 ± 1.273 χ^2/NDF : 207.3/19

Out: -4.377 ± 1.160 χ^2/NDF : 232.6/22

All: -3.615 ± 0.857 χ^2/NDF : 440.8/42

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 292.218 $\pm$ 2.881 χ^2 /NDF:94.0/3

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 362.739 $\pm$ 3.350 χ^2 /NDF:33.2/2

Left: 322.195 $\pm$ 2.184 χ^2 /NDF: 382.0/6

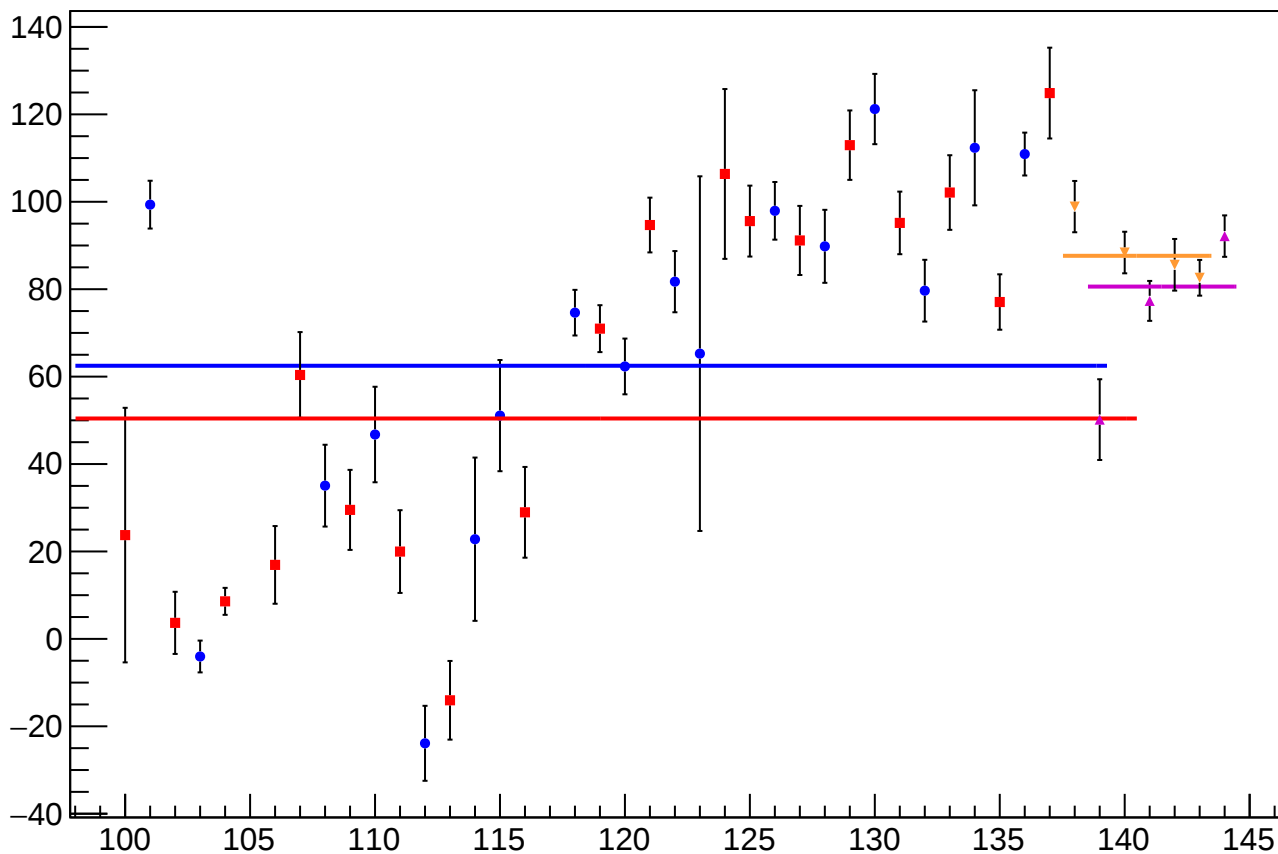
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 300.324 $\pm$ 1.993 χ^2 /NDF:8214.7/19

Out: 274.516 $\pm$ 1.869 χ^2 /NDF:8368.7/22

All: 286.591 $\pm$ 1.363 χ^2 /NDF: 16672.5/42

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 87.641 $\pm$ 2.486 χ^2 /NDF:5.3/3

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 80.599 $\pm$ 3.099 χ^2 /NDF:17.3/2

Left: 84.883 $\pm$ 1.939 χ^2 /NDF: 25.8/6

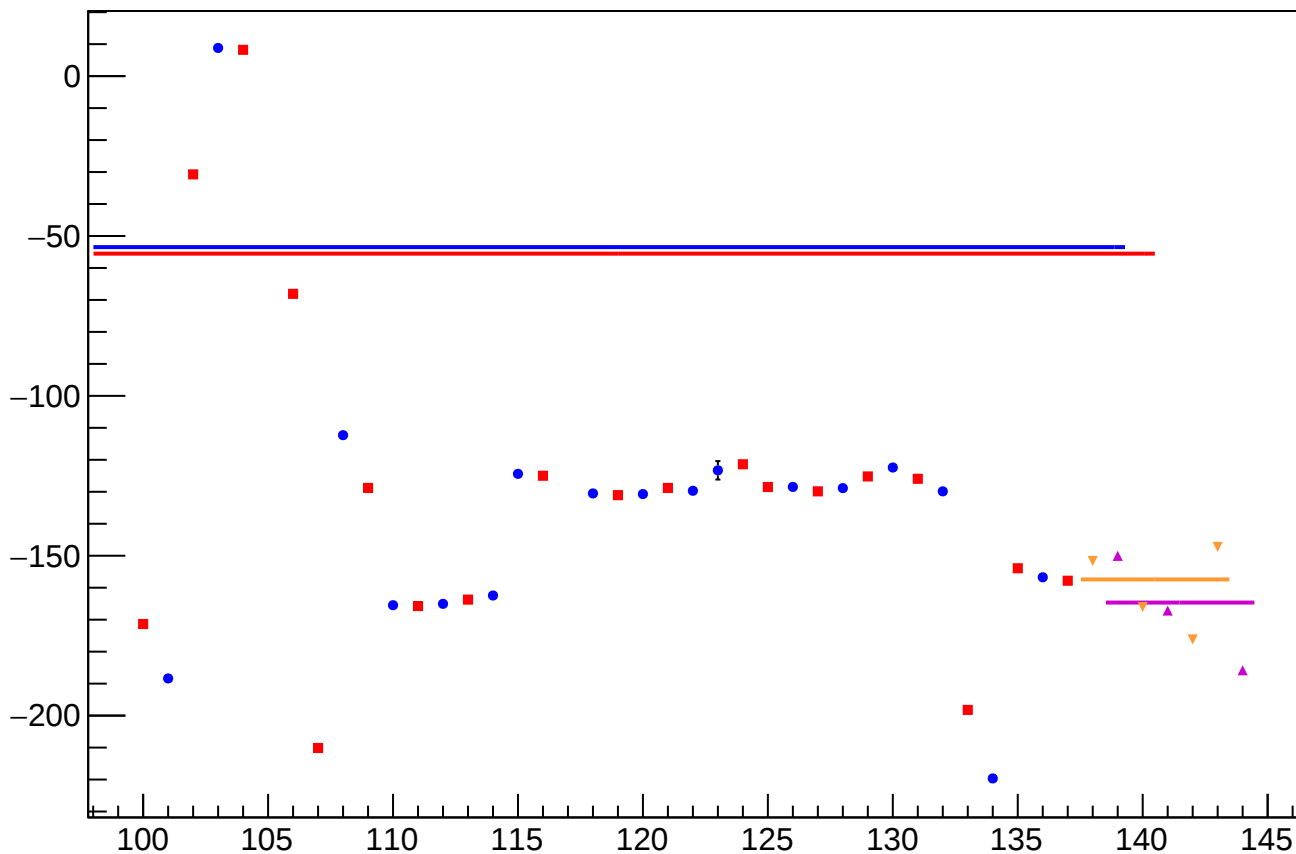
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 66.604 $\pm$ 1.478 χ^2 /NDF:764.5/19

Out: 61.721 $\pm$ 1.370 χ^2 /NDF:812.8/22

All: 63.978 $\pm$ 1.005 χ^2 /NDF: 1583.2/42

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: -55.523+/-0.072 χ^2/NDF : 969818.3/18

Left In: -164.648+/-0.132 χ^2/NDF : 11792.9/2

Left: -160.651+/-0.088 χ^2/NDF : 21087.0/6

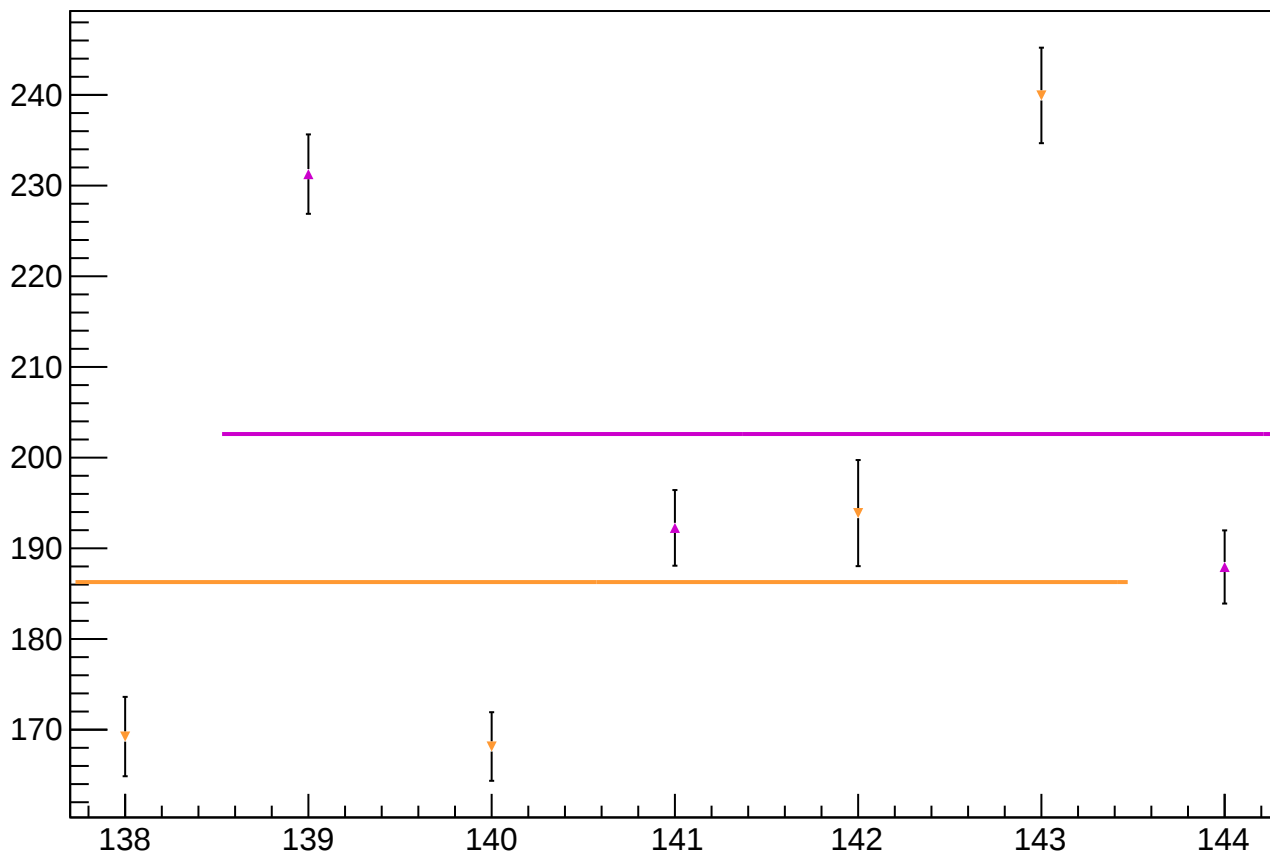
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -78.161+/-0.062 χ^2/NDF : 1795541.1/19

Out: -82.972+/-0.061 χ^2/NDF : 1518577.8/22

All: -80.589+/-0.044 χ^2/NDF : 3317155.1/42

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: 202.604+/-2.418 χ^2/NDF :62.2/2

Left: 194.069+/-1.670 χ^2/NDF : 229.7/6

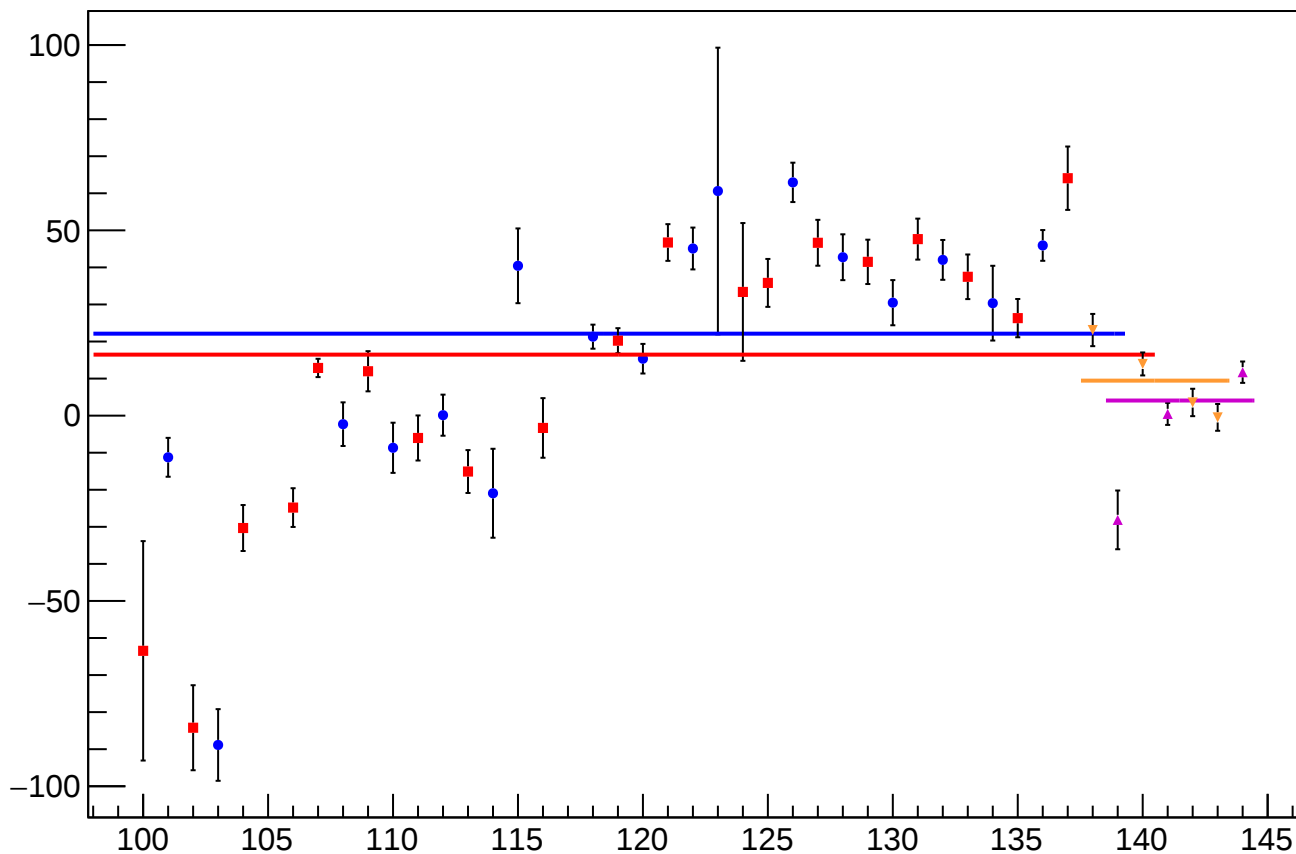
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.604+/-2.418 χ^2/NDF :62.2/2

Out: 186.278+/-2.310 χ^2/NDF :143.7/3

All: 194.069+/-1.670 χ^2/NDF : 229.7/6

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 9.447 $\pm$ 1.805 χ^2 /NDF:22.0/3

Right Out: 16.464 $\pm$ 1.228 χ^2 /NDF: 424.1/18

Left In: 4.080 $\pm$ 2.003 χ^2 /NDF:25.0/2

Left: 7.041 $\pm$ 1.341 χ^2 /NDF: 51.0/6

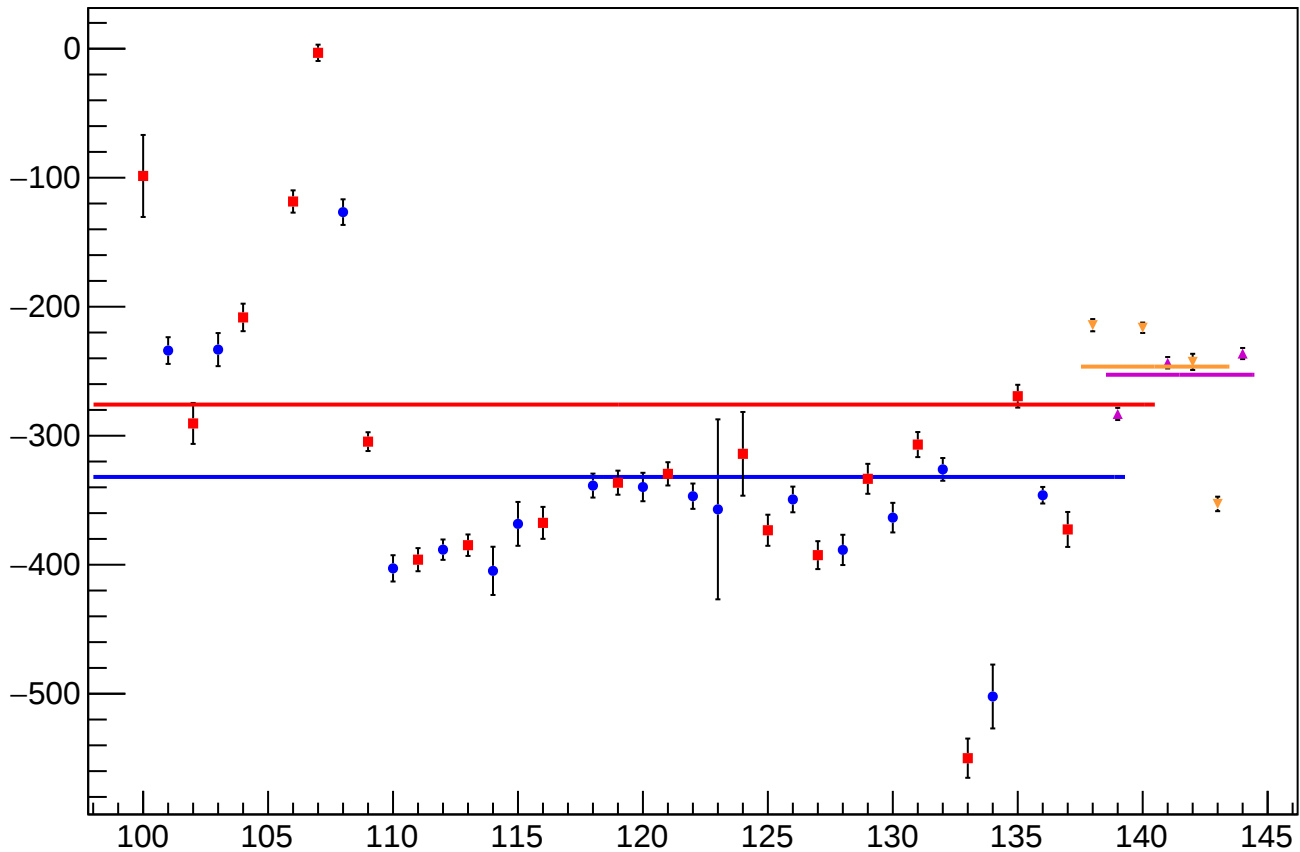
Right: 18.970 $\pm$ 0.916 χ^2 /NDF: 815.5/35

In: 16.332 $\pm$ 1.134 χ^2 /NDF:462.1/19

Out: 14.245 $\pm$ 1.015 χ^2 /NDF:456.5/22

All: 15.173 $\pm$ 0.757 χ^2 /NDF: 920.5/42

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -246.421 ± 2.475 χ^2/NDF : 461.3/3

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -252.734 ± 2.590 χ^2/NDF : 60.0/2

Left: -249.433 ± 1.789 χ^2/NDF : 524.4/6

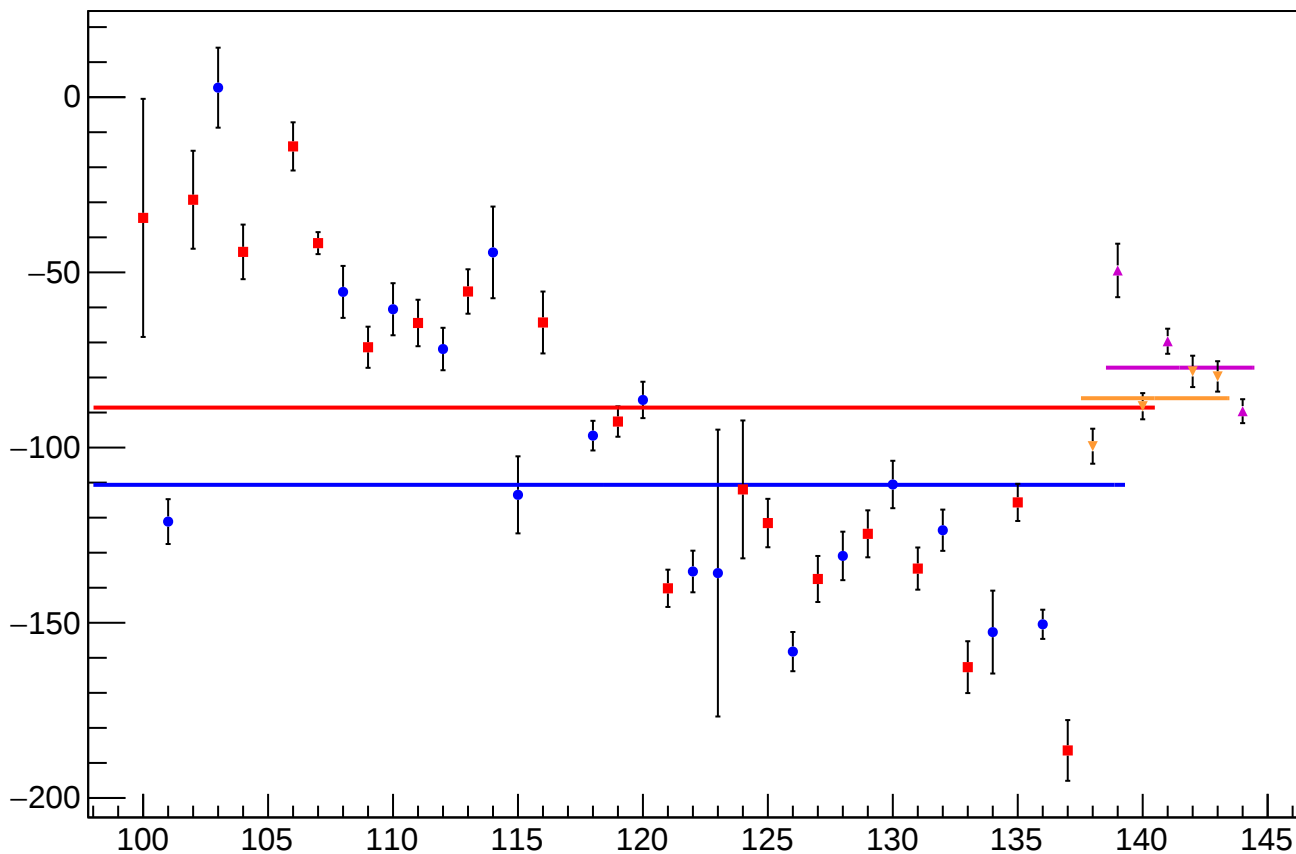
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -292.699 ± 1.823 χ^2/NDF : 1317.4/19

Out: -262.065 ± 1.694 χ^2/NDF : 3898.1/22

All: -276.255 ± 1.241 χ^2/NDF : 5367.0/42

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2/NDF : 508.9/16

Left Out: -85.914+/-2.158 χ^2/NDF :12.9/3

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -77.193+/-2.351 χ^2/NDF :30.9/2

Left: -81.925+/-1.590 χ^2/NDF : 51.2/6

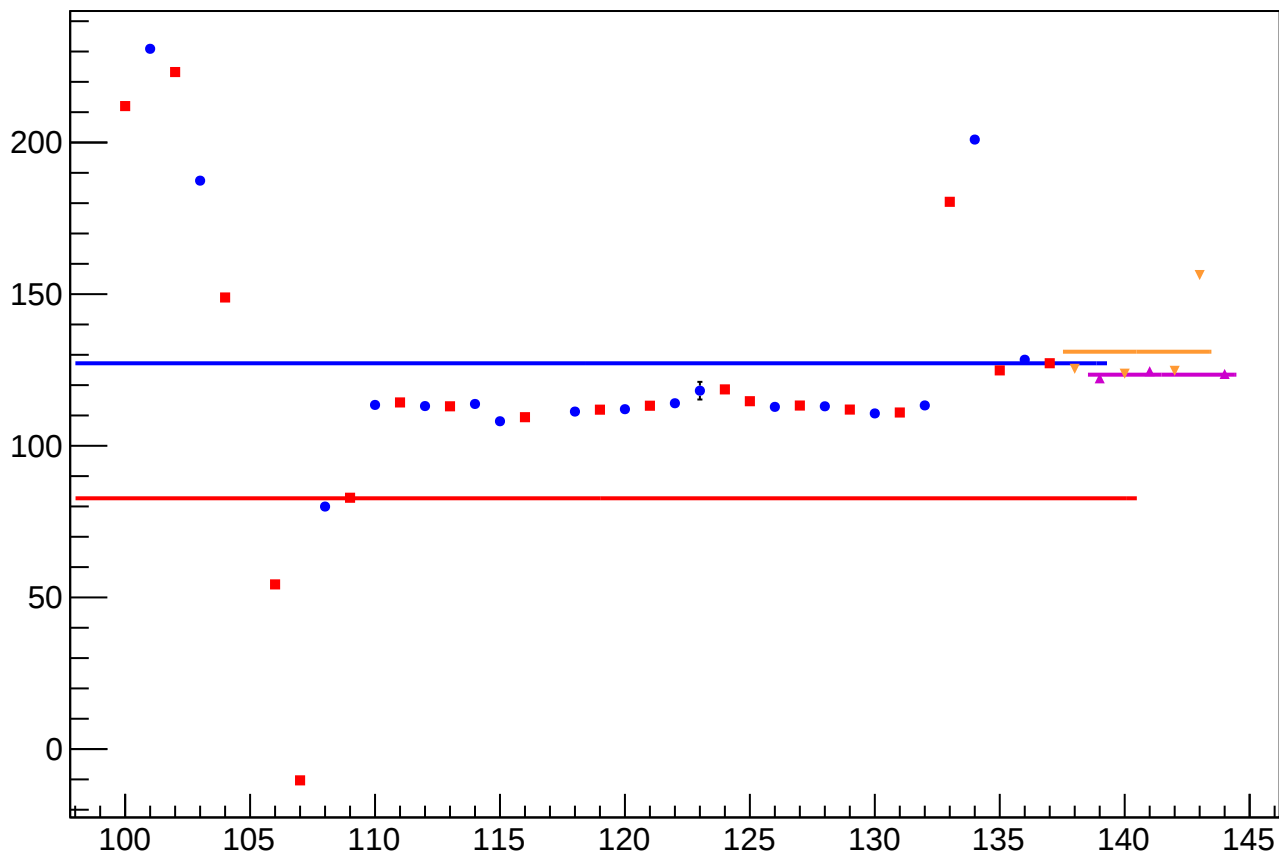
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -100.218+/-1.312 χ^2/NDF :679.0/19

Out: -87.769+/-1.194 χ^2/NDF :980.4/22

All: -93.408+/-0.883 χ^2/NDF : 1708.7/42

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 131.022 $\pm$ 0.102 χ^2 /NDF:15702.7/3

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 123.448 $\pm$ 0.103 χ^2 /NDF:93.2/2

Left: 127.258 $\pm$ 0.072 χ^2 /NDF: 18529.9/6

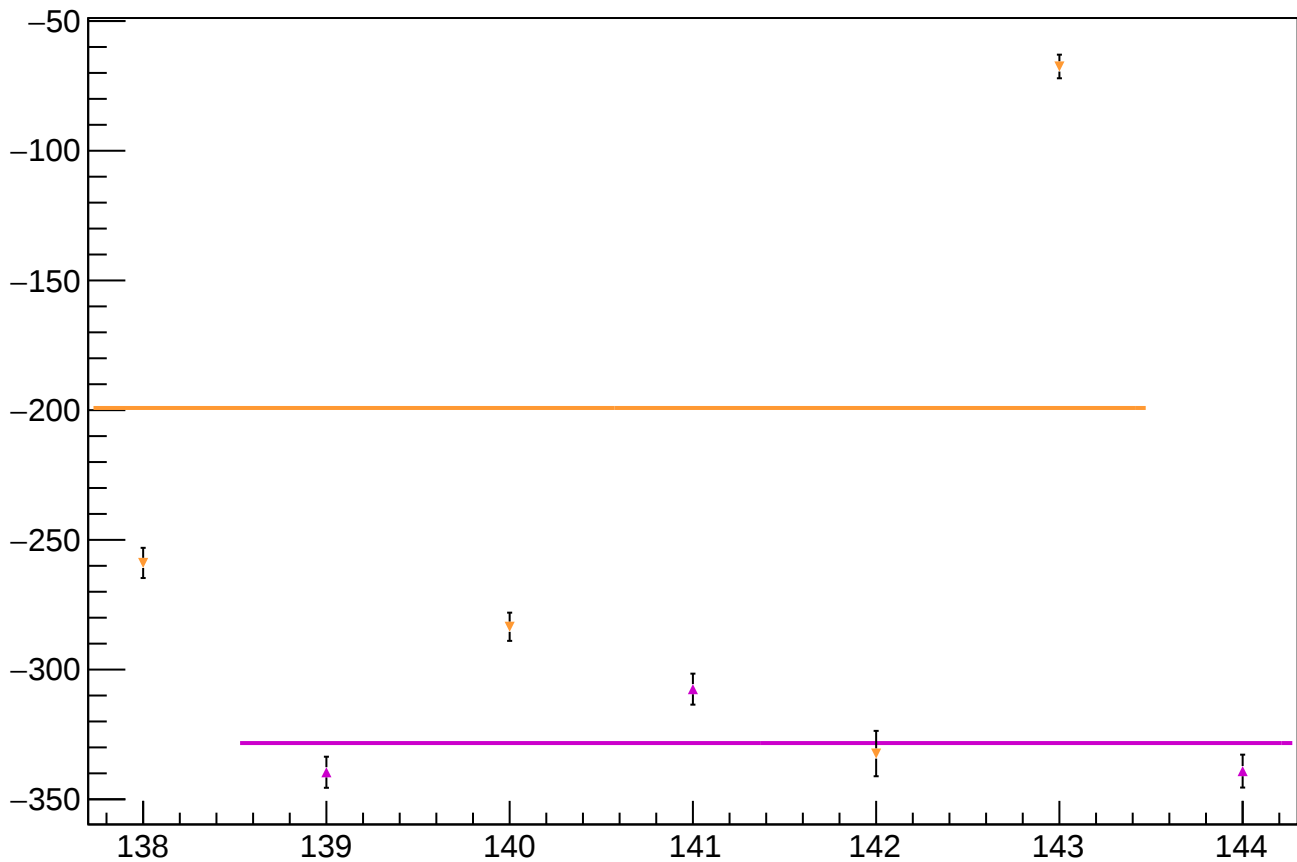
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 125.591 $\pm$ 0.067 χ^2 /NDF:188882.4/19

Out: 99.709 $\pm$ 0.061 χ^2 /NDF:926545.0/22

All: 111.292 $\pm$ 0.045 χ^2 /NDF: 1197076.3/42

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: -328.324+/-3.520 χ^2/NDF :18.5/2

Left: -249.901+/-2.206 χ^2/NDF : 2251.5/6

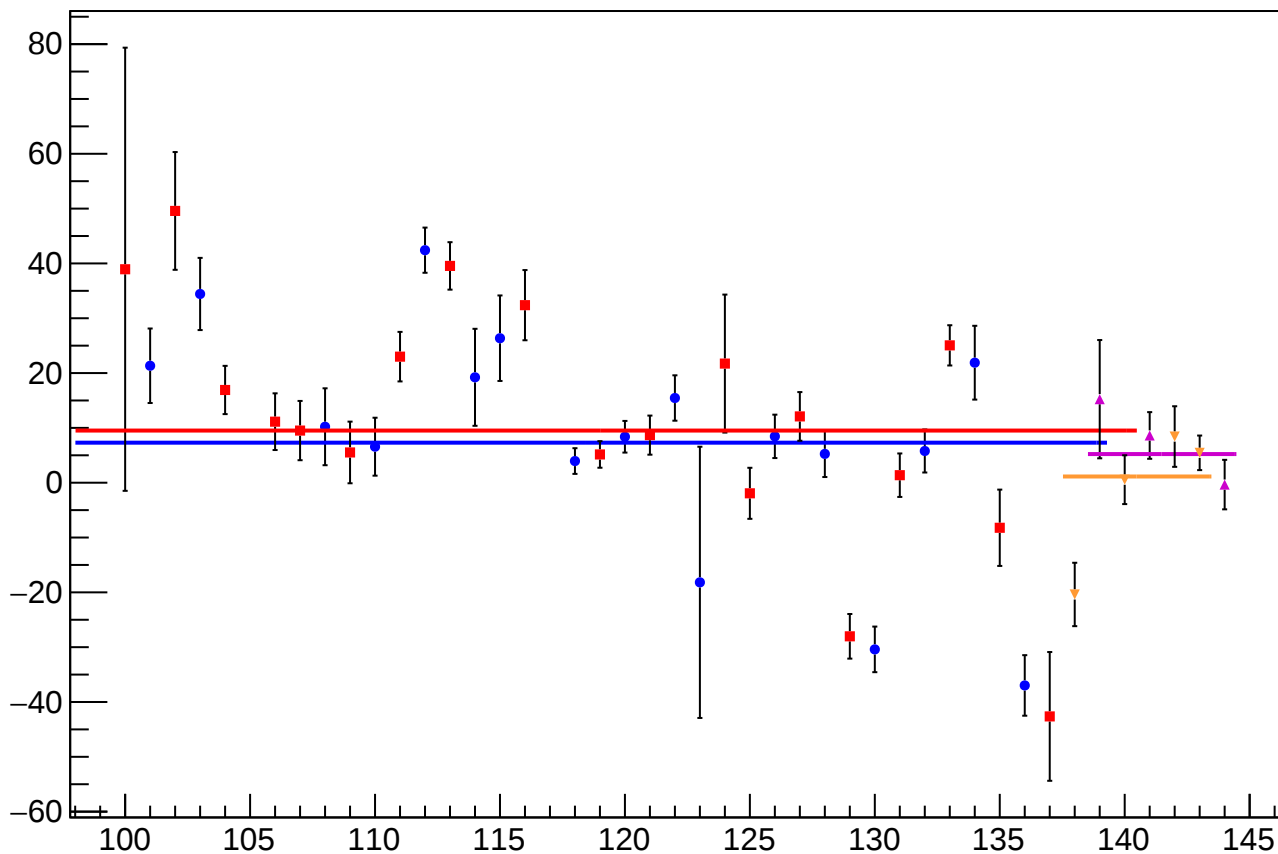
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -328.324+/-3.520 χ^2/NDF :18.5/2

Out: -199.156+/-2.831 χ^2/NDF :1415.3/3

All: -249.901+/-2.206 χ^2/NDF : 2251.5/6

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303+/-1.086 χ^2/NDF : 260.6/16

Left Out: 1.133+/-2.163 χ^2/NDF :17.5/3

Right Out: 9.513+/-1.073 χ^2/NDF : 231.7/18

Left In: 5.225+/-2.977 χ^2/NDF :3.0/2

Left: 2.548+/-1.750 χ^2/NDF : 21.7/6

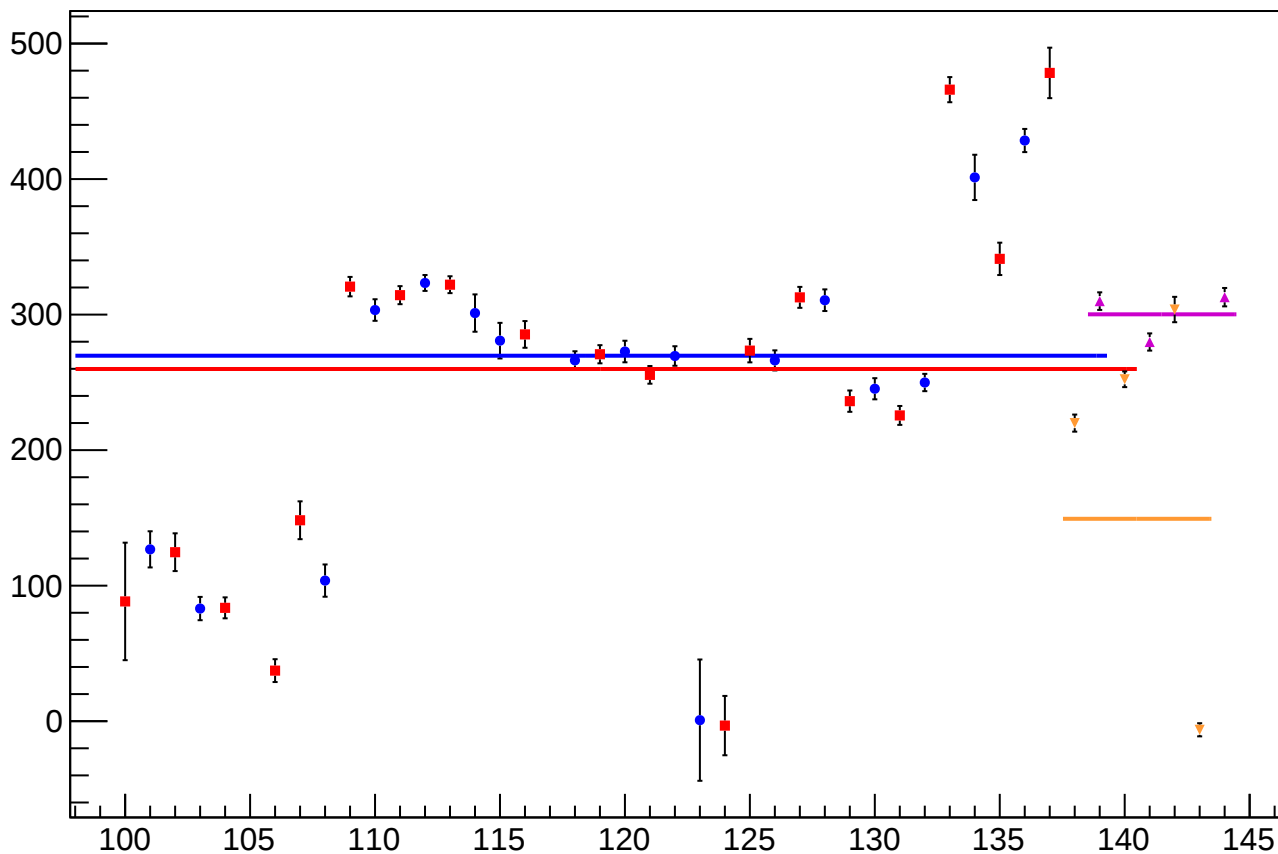
Right: 8.421+/-0.763 χ^2/NDF : 494.4/35

In: 7.059+/-1.020 χ^2/NDF :264.1/19

Out: 7.859+/-0.961 χ^2/NDF :261.2/22

All: 7.483+/-0.699 χ^2/NDF : 525.6/42

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 149.332 $\pm$ 3.031 χ^2 /NDF:1742.8/3

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 300.207 $\pm$ 3.773 χ^2 /NDF:16.1/2

Left: 208.512 $\pm$ 2.363 χ^2 /NDF: 2730.8/6

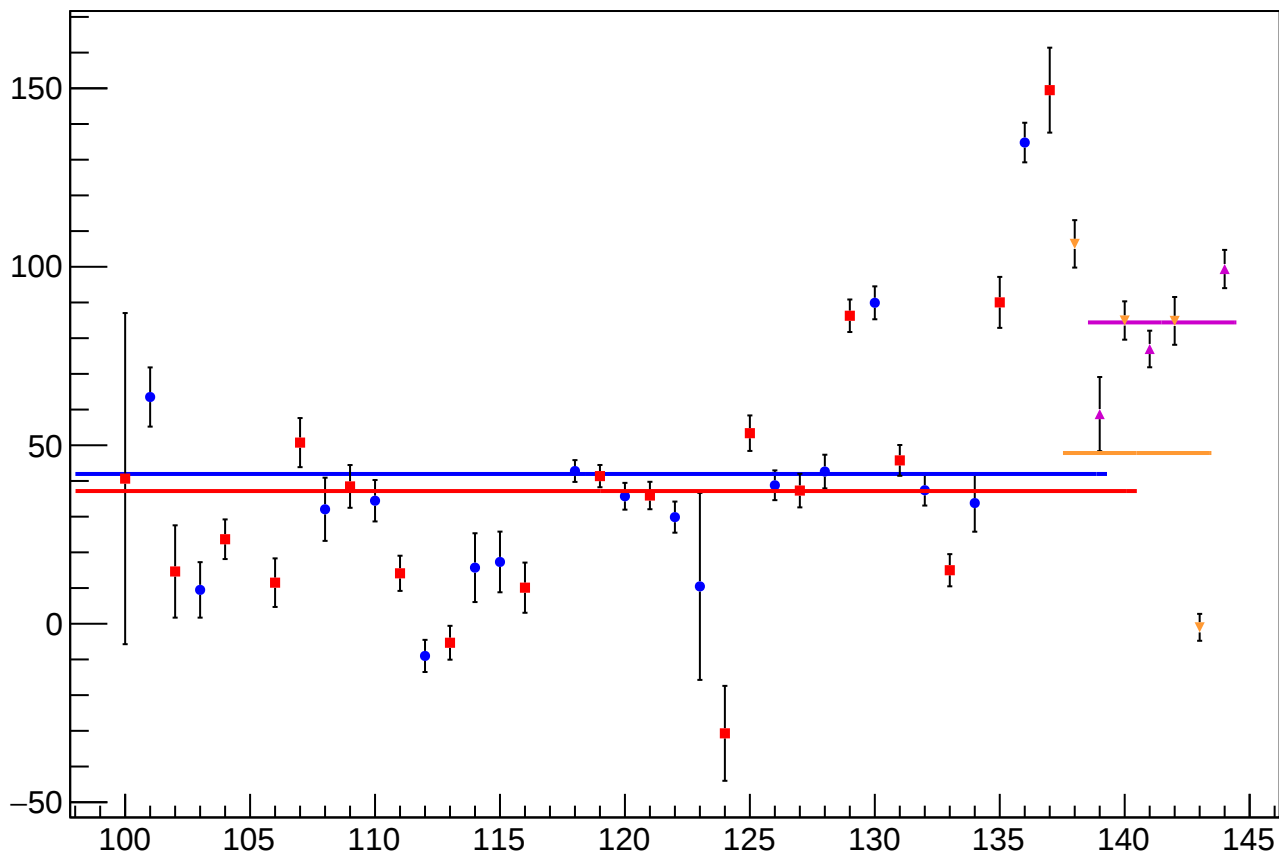
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 276.763 $\pm$ 1.819 χ^2 /NDF:1443.0/19

Out: 226.883 $\pm$ 1.656 χ^2 /NDF:5219.6/22

All: 249.486 $\pm$ 1.224 χ^2 /NDF: 7073.8/42

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959+/-1.258 χ^2/NDF : 574.2/16

Left Out: 47.831+/-2.582 χ^2/NDF : 323.9/3

Right Out: 37.174+/-1.236 χ^2/NDF : 470.9/18

Left In: 84.413+/-3.488 χ^2/NDF : 16.0/2

Left: 60.782+/-2.075 χ^2/NDF : 411.0/6

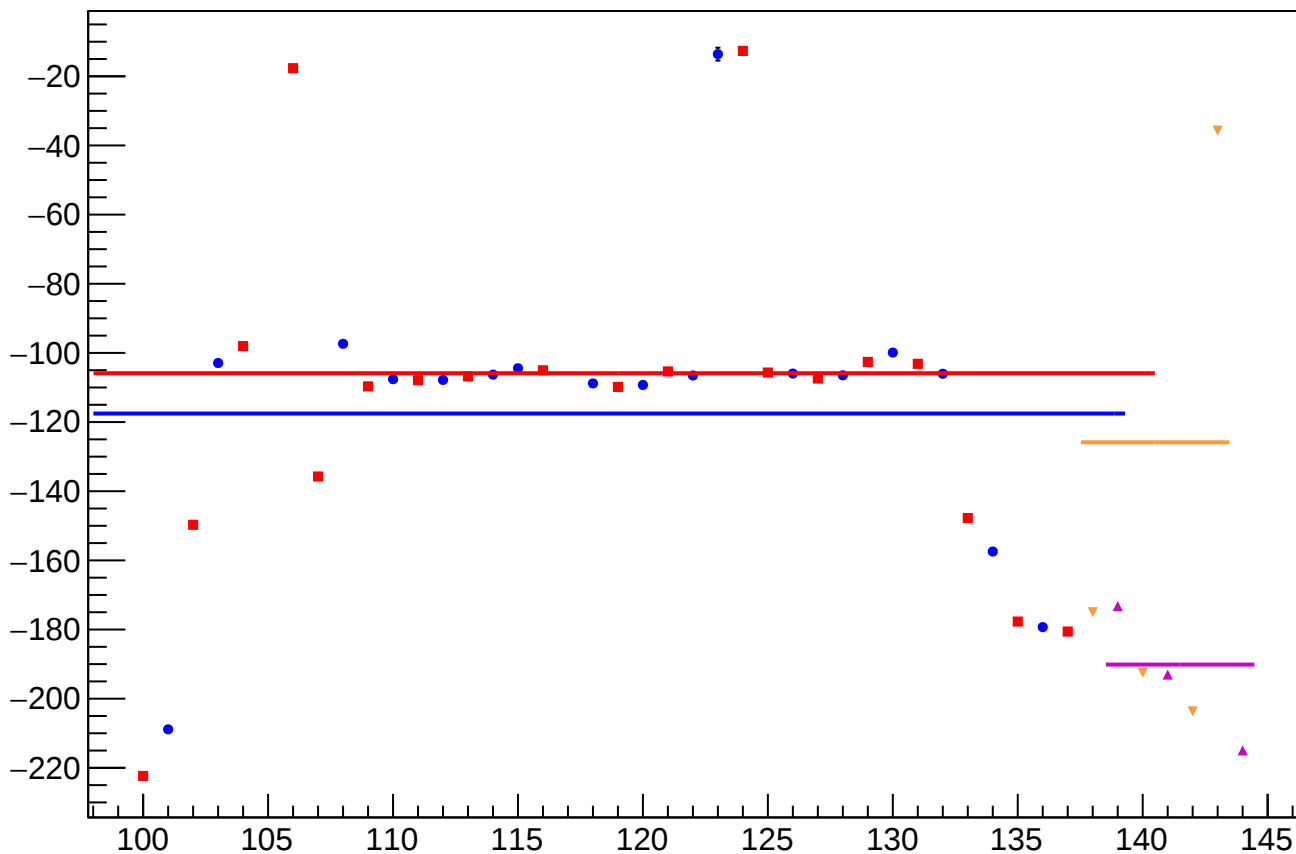
Right: 39.523+/-0.882 χ^2/NDF : 1052.5/35

In: 46.848+/-1.184 χ^2/NDF : 721.4/19

Out: 39.160+/-1.115 χ^2/NDF : 808.7/22

All: 42.773+/-0.811 χ^2/NDF : 1552.4/42

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -125.842 ± 0.124 $\chi^2/\text{NDF}: 364415.7/3$

Right Out: -105.868 ± 0.073 $\chi^2/\text{NDF}: 324319.1/18$

Left In: -190.136 ± 0.148 $\chi^2/\text{NDF}: 12595.8/2$

Left: -152.371 ± 0.095 $\chi^2/\text{NDF}: 487770.4/6$

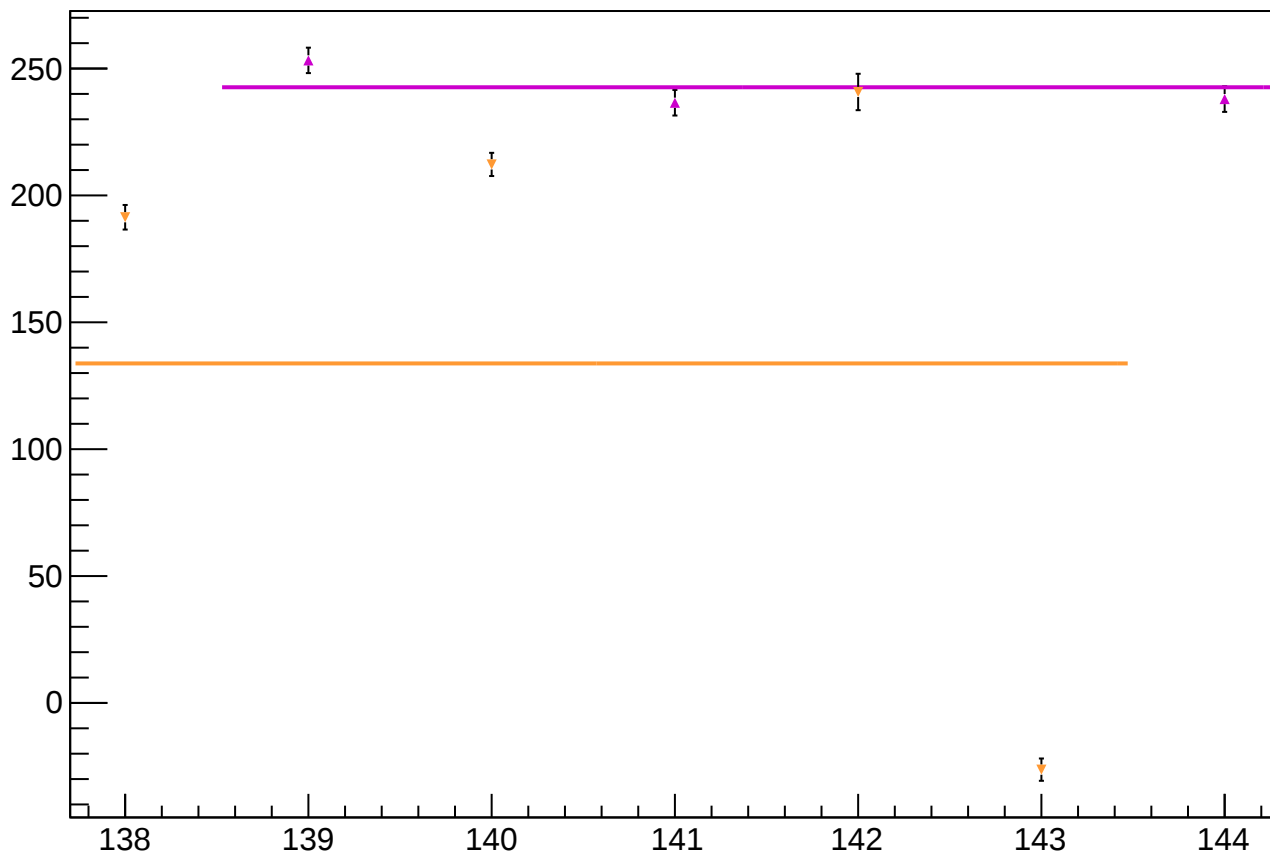
Right: -111.288 ± 0.053 $\chi^2/\text{NDF}: 478296.7/35$

In: -133.345 ± 0.069 $\chi^2/\text{NDF}: 342720.1/19$

Out: -110.979 ± 0.063 $\chi^2/\text{NDF}: 708012.9/22$

All: -121.093 ± 0.046 $\chi^2/\text{NDF}: 1108128.9/42$

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: 242.623+/-2.907 χ^2/NDF :6.8/2

Left: 179.776+/-1.890 χ^2/NDF : 2800.6/6

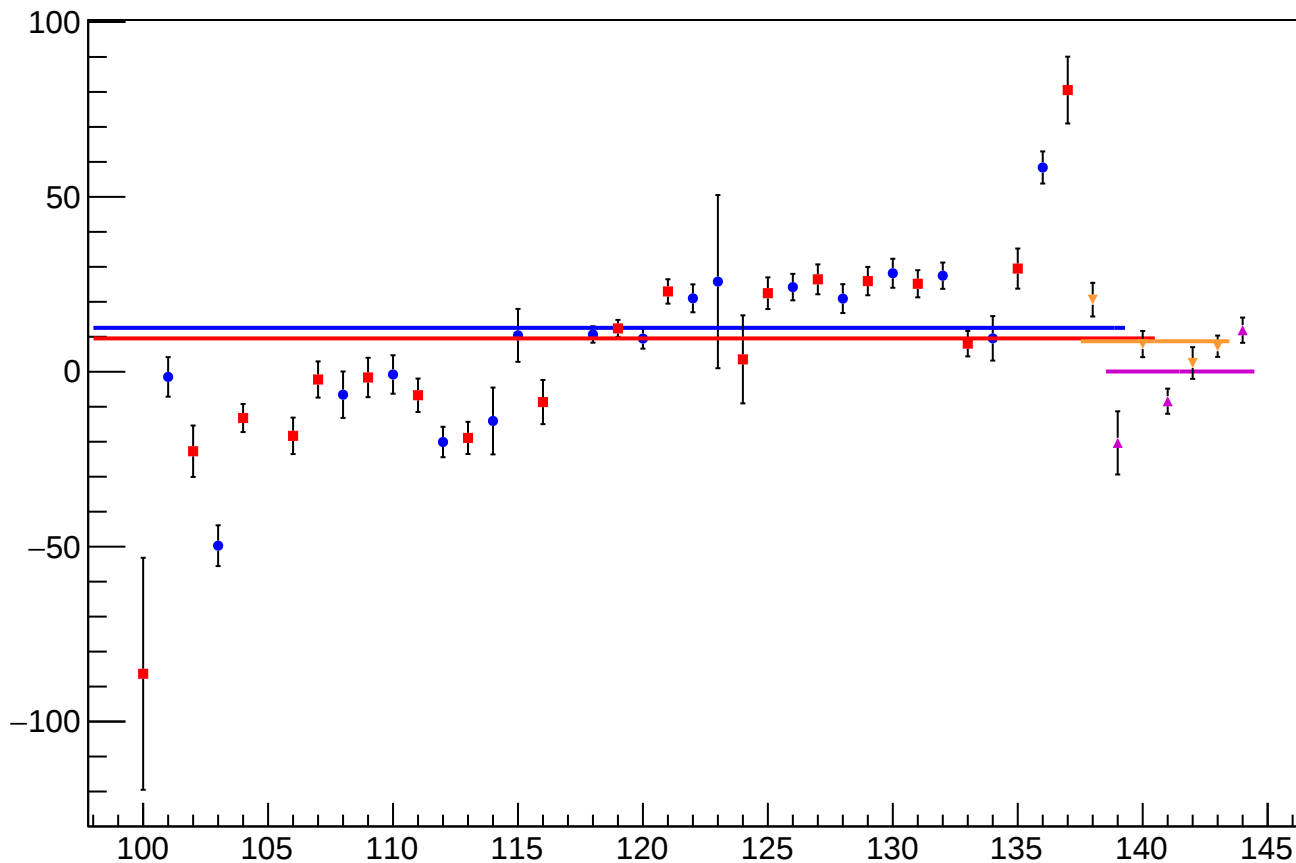
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 242.623+/-2.907 χ^2/NDF :6.8/2

Out: 133.791+/-2.487 χ^2/NDF :1984.7/3

All: 179.776+/-1.890 χ^2/NDF : 2800.6/6

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: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 0.071+/-2.450 χ^2/NDF : 21.4/2

Left: 5.431+/-1.512 χ^2/NDF : 37.4/6

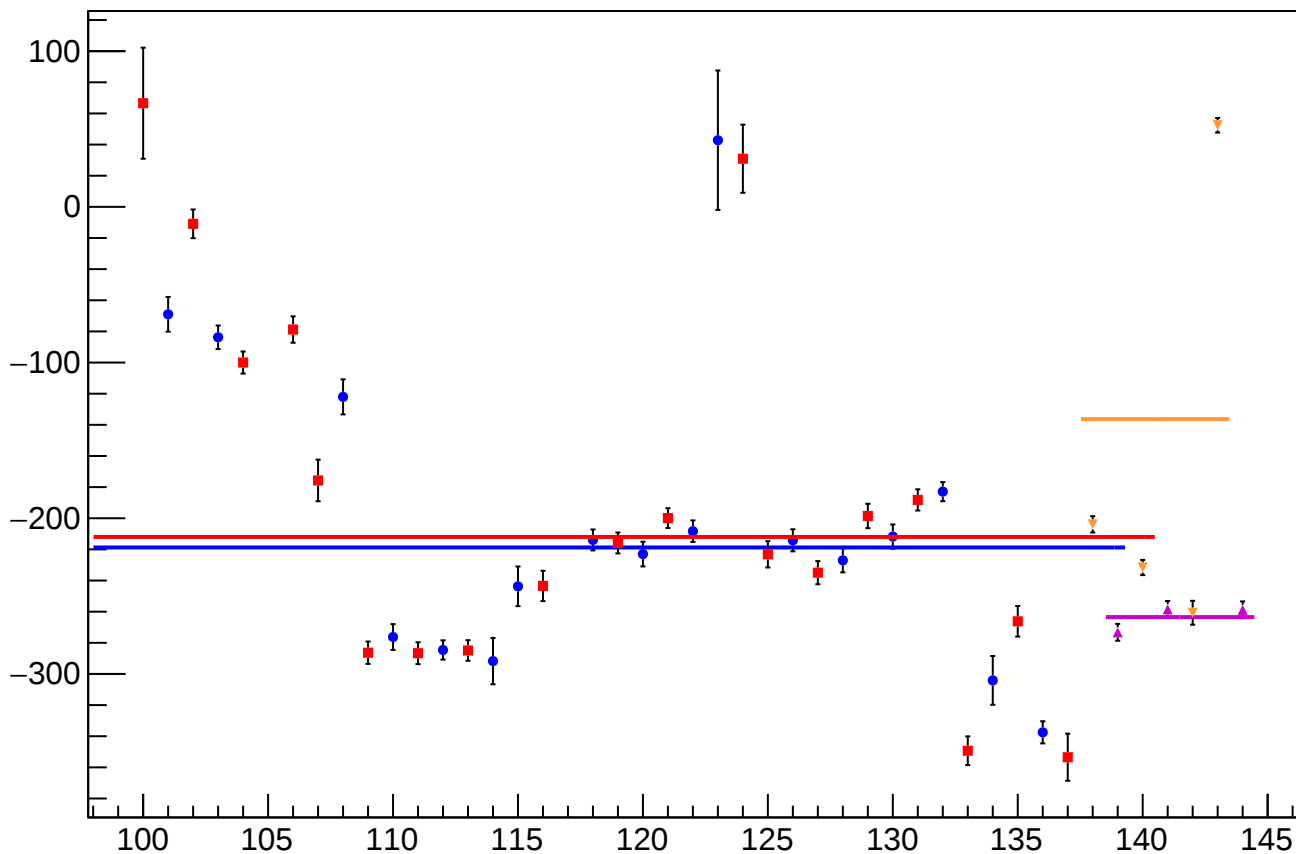
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 10.598+/-0.971 χ^2/NDF : 391.9/19

Out: 9.350+/-0.921 χ^2/NDF : 304.2/22

All: 9.941+/-0.668 χ^2/NDF : 697.0/42

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -136.312 ± 2.664 $\chi^2/\text{NDF}: 2432.3/3$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -263.477 ± 3.117 $\chi^2/\text{NDF}: 4.8/2$

Left: -189.990 ± 2.025 $\chi^2/\text{NDF}: 3399.1/6$

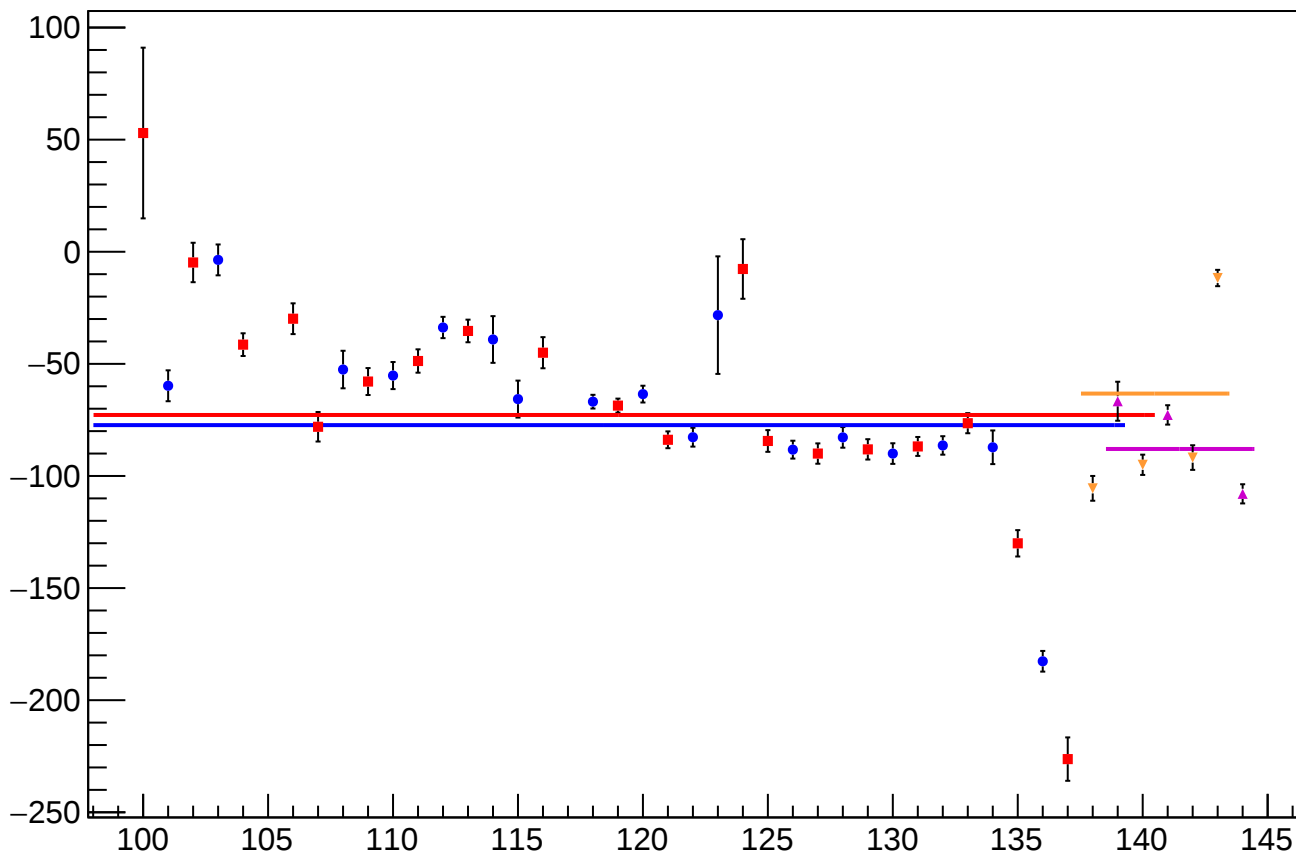
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -231.904 ± 1.689 $\chi^2/\text{NDF}: 1294.6/19$

Out: -186.062 ± 1.559 $\chi^2/\text{NDF}: 4848.7/22$

All: -207.153 ± 1.146 $\chi^2/\text{NDF}: 6540.8/42$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -63.253 ± 2.293 $\chi^2/\text{NDF}: 335.1/3$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -87.960 ± 2.871 $\chi^2/\text{NDF}: 40.2/2$

Left: -72.876 ± 1.792 $\chi^2/\text{NDF}: 420.5/6$

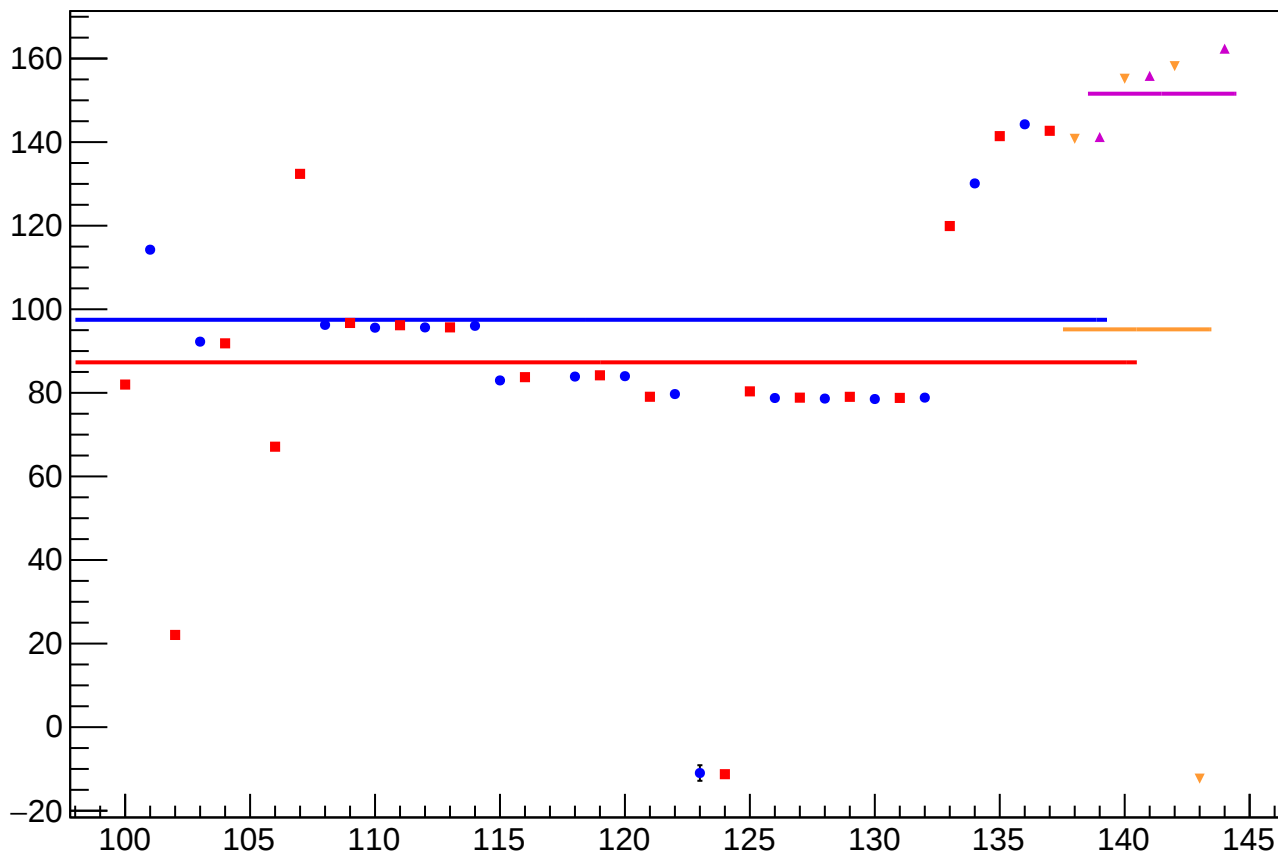
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -78.951 ± 1.124 $\chi^2/\text{NDF}: 869.5/19$

Out: -70.725 ± 1.068 $\chi^2/\text{NDF}: 1020.4/22$

All: -74.627 ± 0.774 $\chi^2/\text{NDF}: 1918.1/42$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 95.191+/-0.109 χ^2/NDF : 495181.8/3

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 151.584+/-0.123 χ^2/NDF : 5406.3/2

Left: 120.137+/-0.082 χ^2/NDF : 618513.1/6

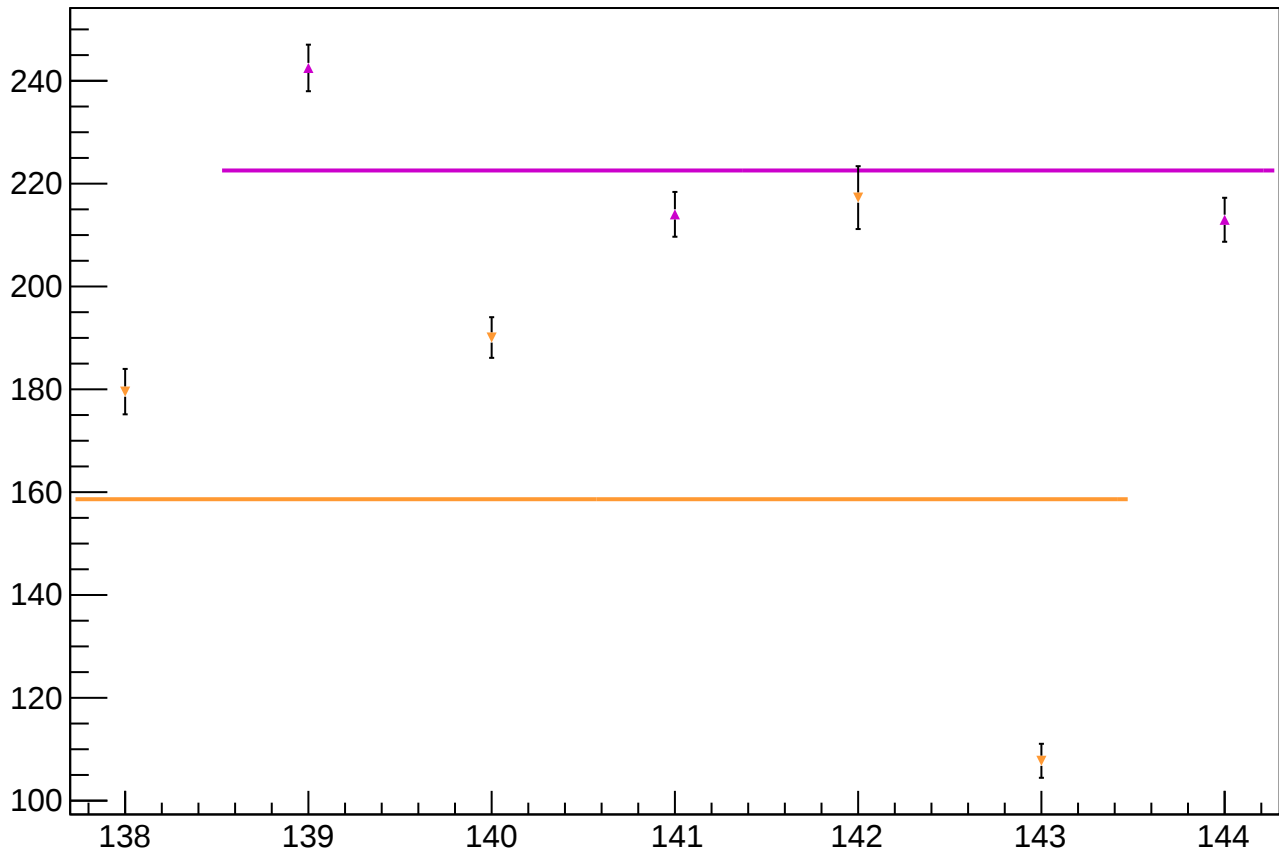
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 111.743+/-0.063 χ^2/NDF : 243130.7/19

Out: 89.514+/-0.058 χ^2/NDF : 720822.1/22

All: 99.692+/-0.043 χ^2/NDF : 1031534.6/42

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: 222.561+/-2.531 χ^2/NDF :28.3/2

Left: 184.248+/-1.602 χ^2/NDF : 825.3/6

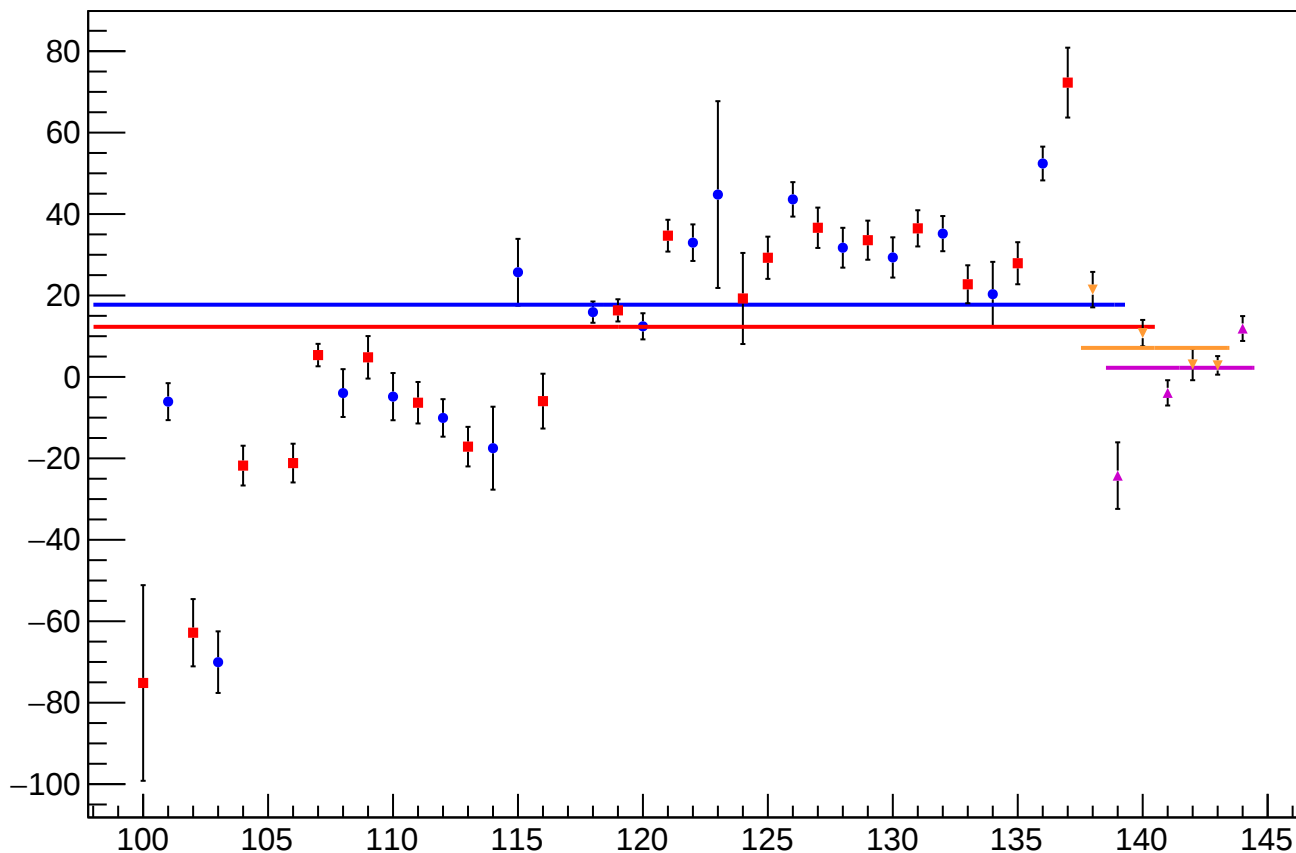
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 222.561+/-2.531 χ^2/NDF :28.3/2

Out: 158.628+/-2.070 χ^2/NDF :414.6/3

All: 184.248+/-1.602 χ^2/NDF : 825.3/6

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: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: 2.243 ± 2.103 $\chi^2/\text{NDF}: 24.4/2$

Left: 5.387 ± 1.256 $\chi^2/\text{NDF}: 44.6/6$

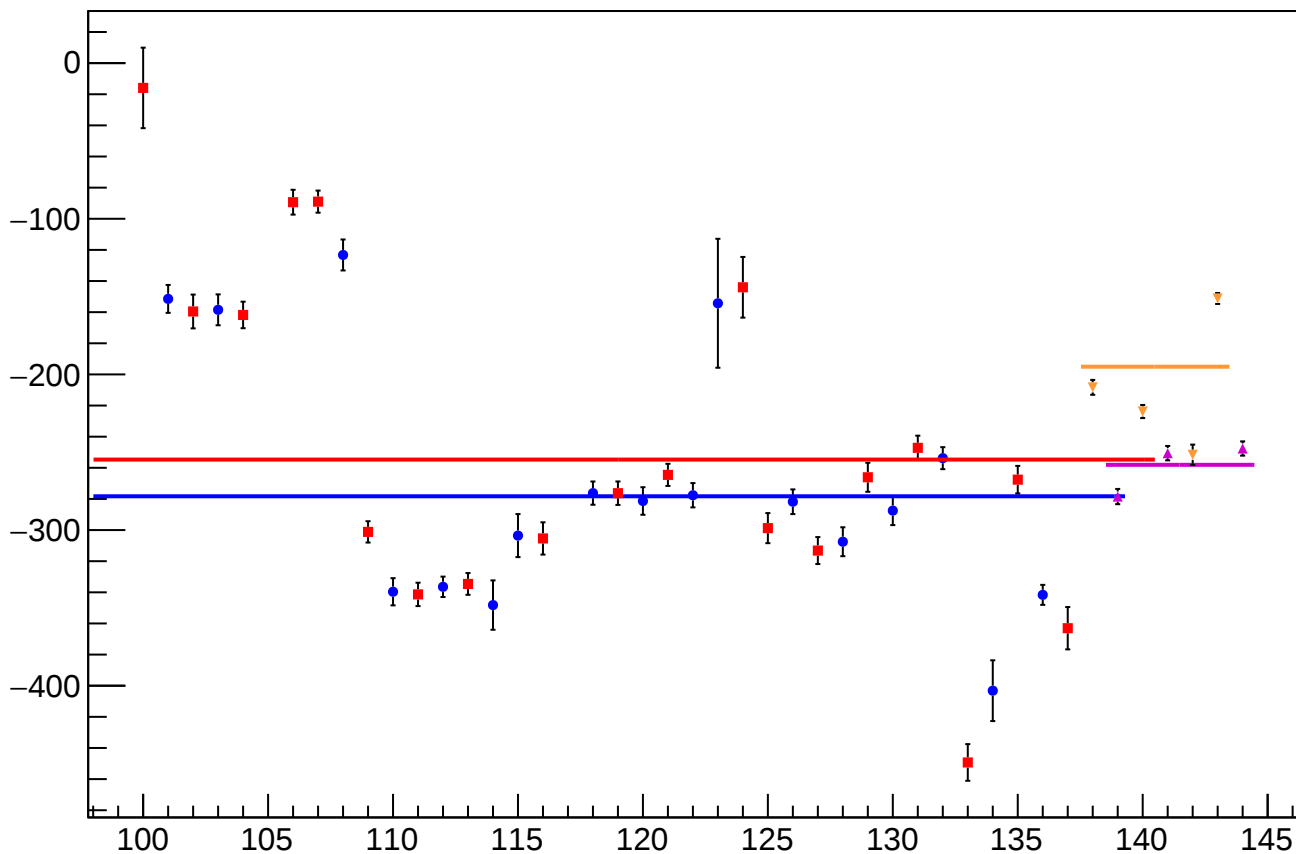
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 14.178 ± 1.008 $\chi^2/\text{NDF}: 460.2/19$

Out: 10.628 ± 0.891 $\chi^2/\text{NDF}: 466.6/22$

All: 12.186 ± 0.668 $\chi^2/\text{NDF}: 933.7/42$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 $\pm$ 2.172 χ^2 /NDF: 910.0/16

Left Out: -195.037 $\pm$ 2.215 χ^2 /NDF:284.0/3

Right Out: -254.713 $\pm$ 2.019 χ^2 /NDF: 2038.0/18

Left In: -258.086 $\pm$ 2.712 χ^2 /NDF:25.2/2

Left: -220.264 $\pm$ 1.715 χ^2 /NDF: 633.4/6

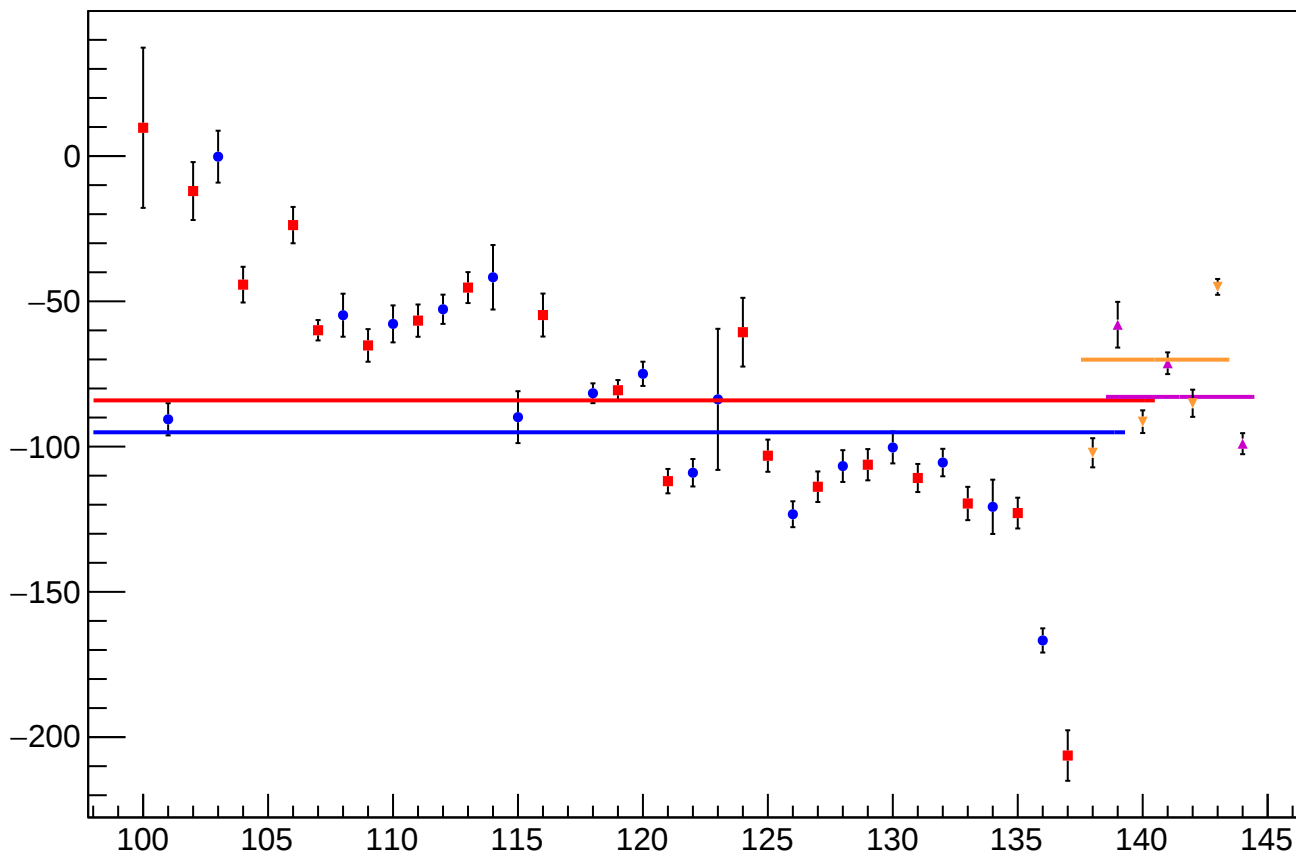
Right: -265.641 $\pm$ 1.479 χ^2 /NDF: 3011.2/35

In: -270.397 $\pm$ 1.695 χ^2 /NDF:969.0/19

Out: -227.635 $\pm$ 1.492 χ^2 /NDF:2718.5/22

All: -246.298 $\pm$ 1.120 χ^2 /NDF: 4046.0/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -70.069 ± 1.872 $\chi^2/\text{NDF}: 165.3/3$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -82.891 ± 2.469 $\chi^2/\text{NDF}: 39.4/2$

Left: -74.751 ± 1.492 $\chi^2/\text{NDF}: 221.7/6$

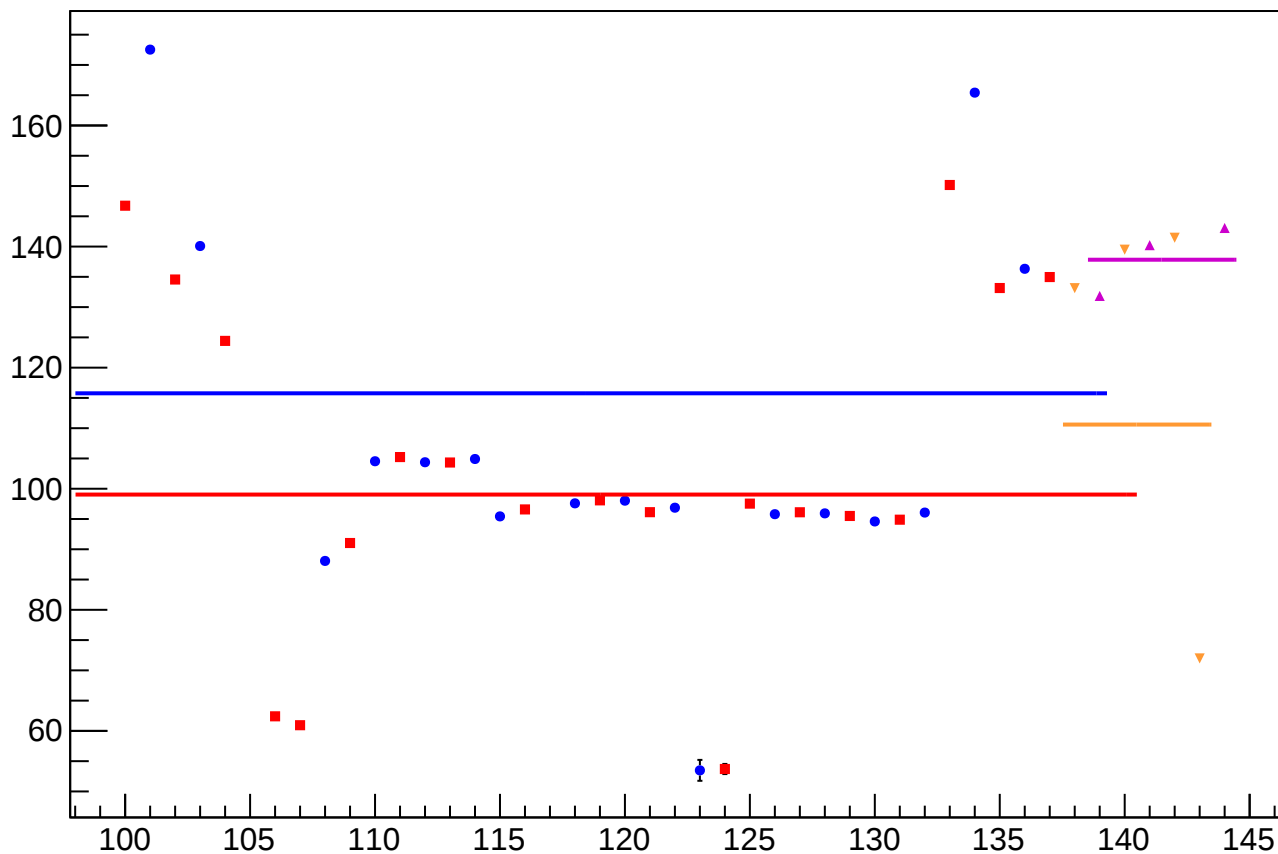
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -92.348 ± 1.168 $\chi^2/\text{NDF}: 731.5/19$

Out: -79.737 ± 1.044 $\chi^2/\text{NDF}: 984.3/22$

All: -85.337 ± 0.778 $\chi^2/\text{NDF}: 1780.6/42$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 110.600+/-0.091 χ^2/NDF :126544.9/3

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 137.827+/-0.107 χ^2/NDF :2048.0/2

Left: 121.961+/-0.069 χ^2/NDF : 166102.0/6

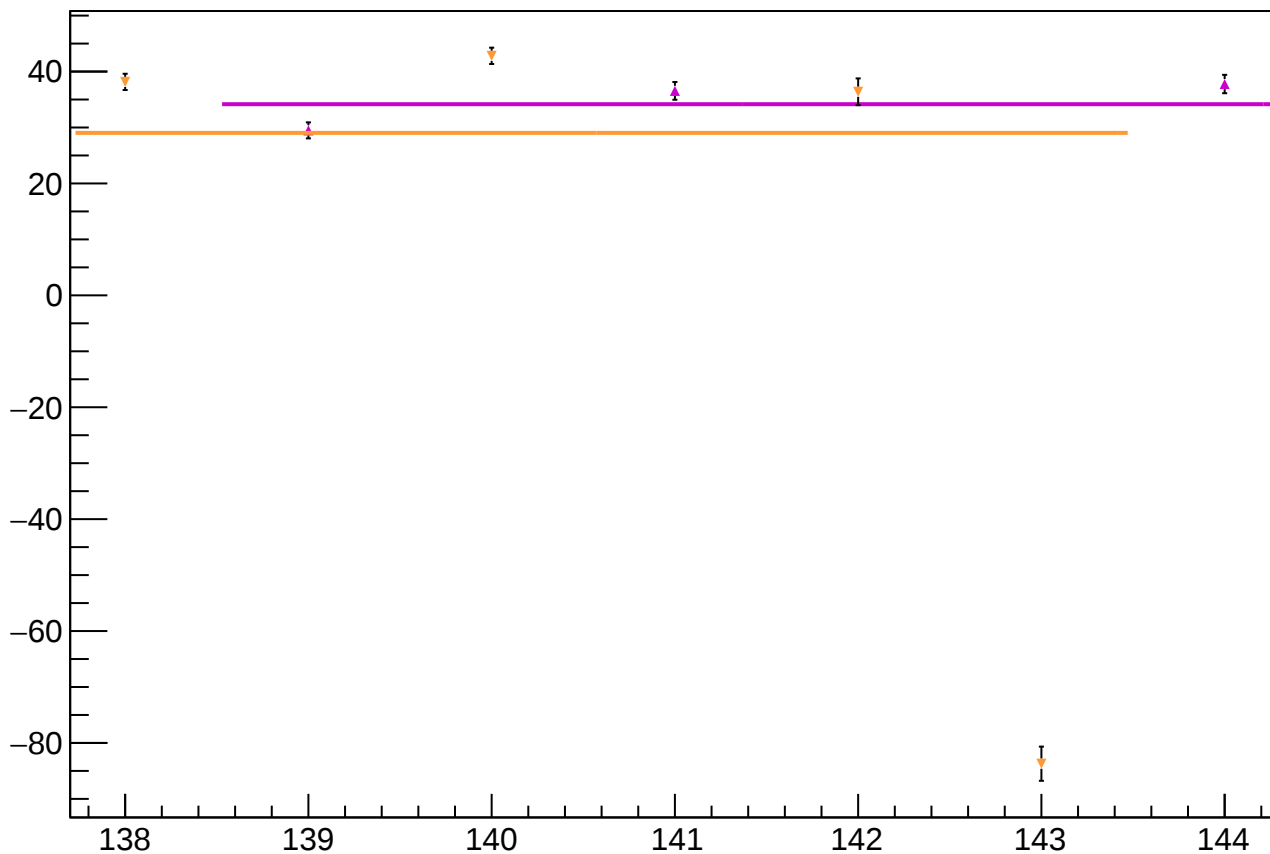
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 123.400+/-0.063 χ^2/NDF :135983.8/19

Out: 103.228+/-0.055 χ^2/NDF :310357.5/22

All: 111.872+/-0.041 χ^2/NDF : 504669.5/42

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 29.043 $\pm$ 0.903 χ^2 /NDF:1499.4/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 34.165 $\pm$ 0.893 χ^2 /NDF:17.7/2

Left: 31.633 $\pm$ 0.635 χ^2 /NDF: 1533.4/6

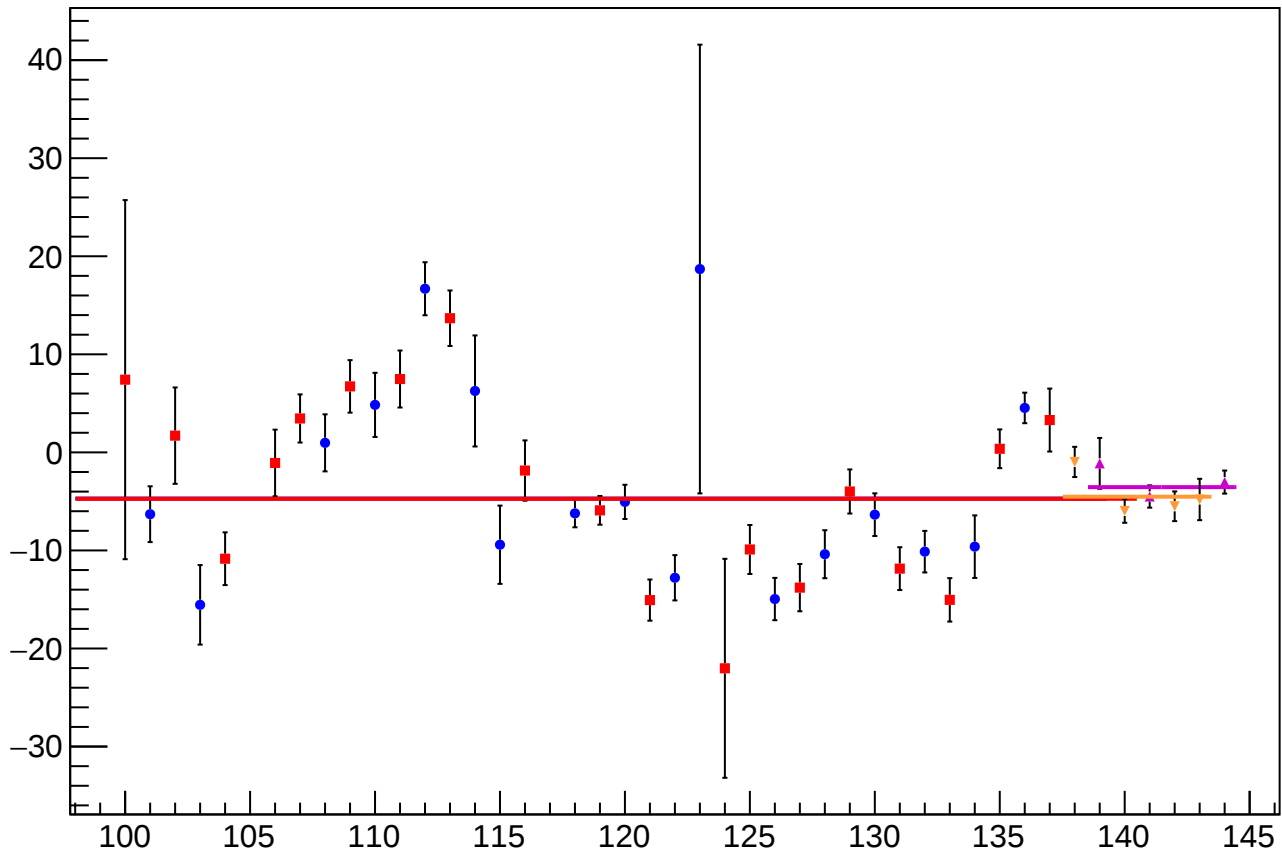
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 34.165 $\pm$ 0.893 χ^2 /NDF:17.7/2

Out: 29.043 $\pm$ 0.903 χ^2 /NDF:1499.4/3

All: 31.633 $\pm$ 0.635 χ^2 /NDF: 1533.4/6

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: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -3.545 ± 0.779 χ^2/NDF : 1.8/2

Left: -4.051 ± 0.541 χ^2/NDF : 9.8/6

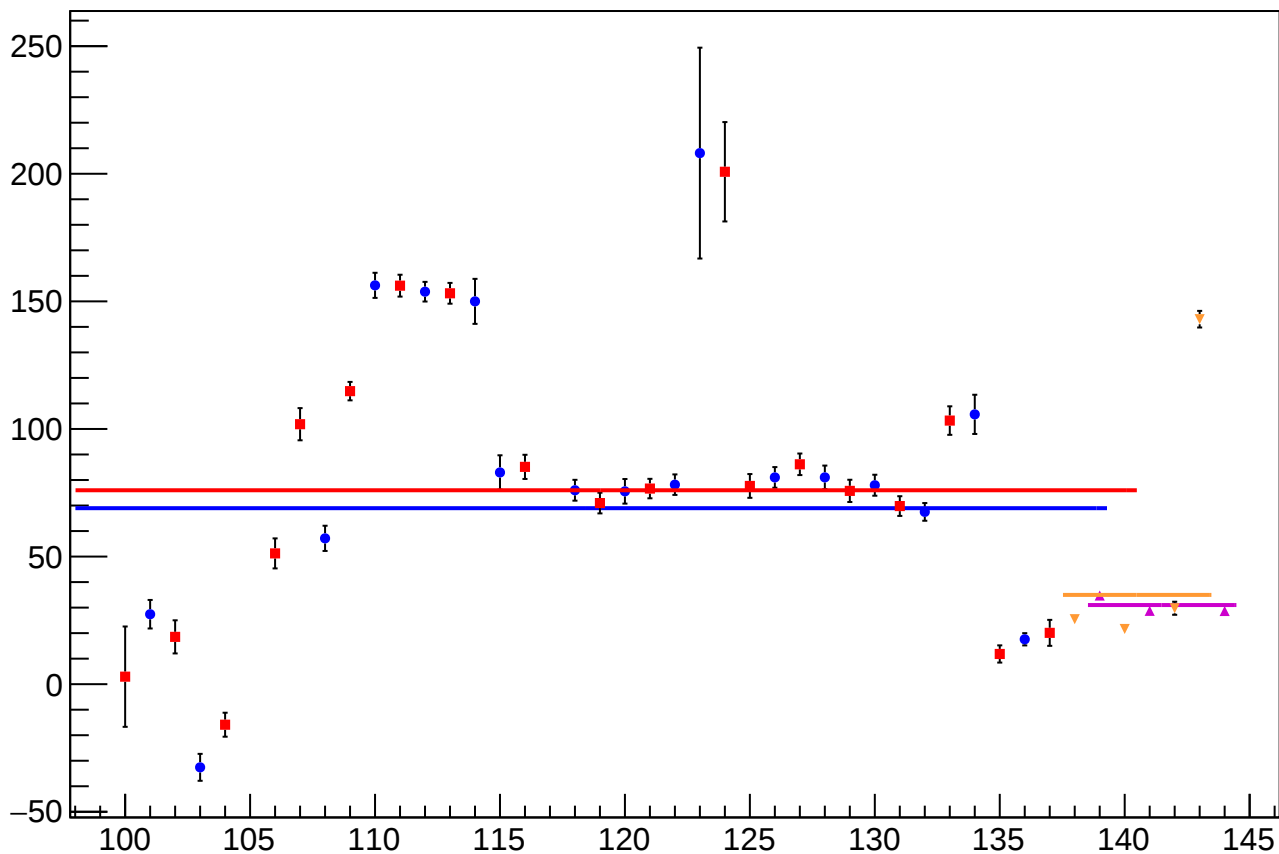
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -4.296 ± 0.466 χ^2/NDF : 177.9/19

Out: -4.653 ± 0.462 χ^2/NDF : 197.0/22

All: -4.476 ± 0.328 χ^2/NDF : 375.2/42

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 34.979 ± 0.969 $\chi^2/\text{NDF}: 1213.4/3$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 31.008 ± 0.957 $\chi^2/\text{NDF}: 9.4/2$

Left: 32.969 ± 0.681 $\chi^2/\text{NDF}: 1231.3/6$

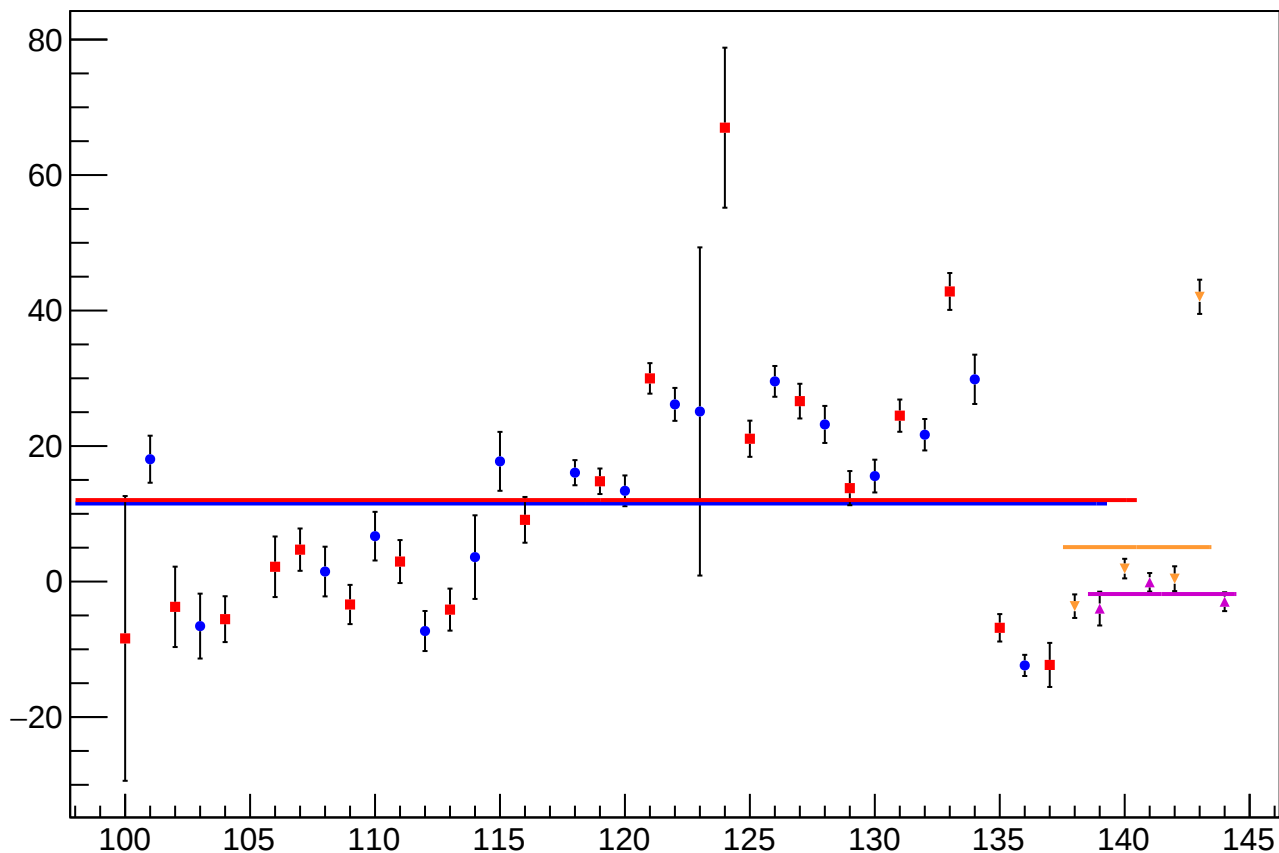
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 47.726 ± 0.716 $\chi^2/\text{NDF}: 2545.7/19$

Out: 53.471 ± 0.718 $\chi^2/\text{NDF}: 3915.3/22$

All: 50.590 ± 0.507 $\chi^2/\text{NDF}: 6493.1/42$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: 5.085 ± 0.889 $\chi^2/\text{NDF}: 250.5/3$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -1.840 ± 0.907 $\chi^2/\text{NDF}: 3.0/2$

Left: 1.692 ± 0.635 $\chi^2/\text{NDF}: 283.2/6$

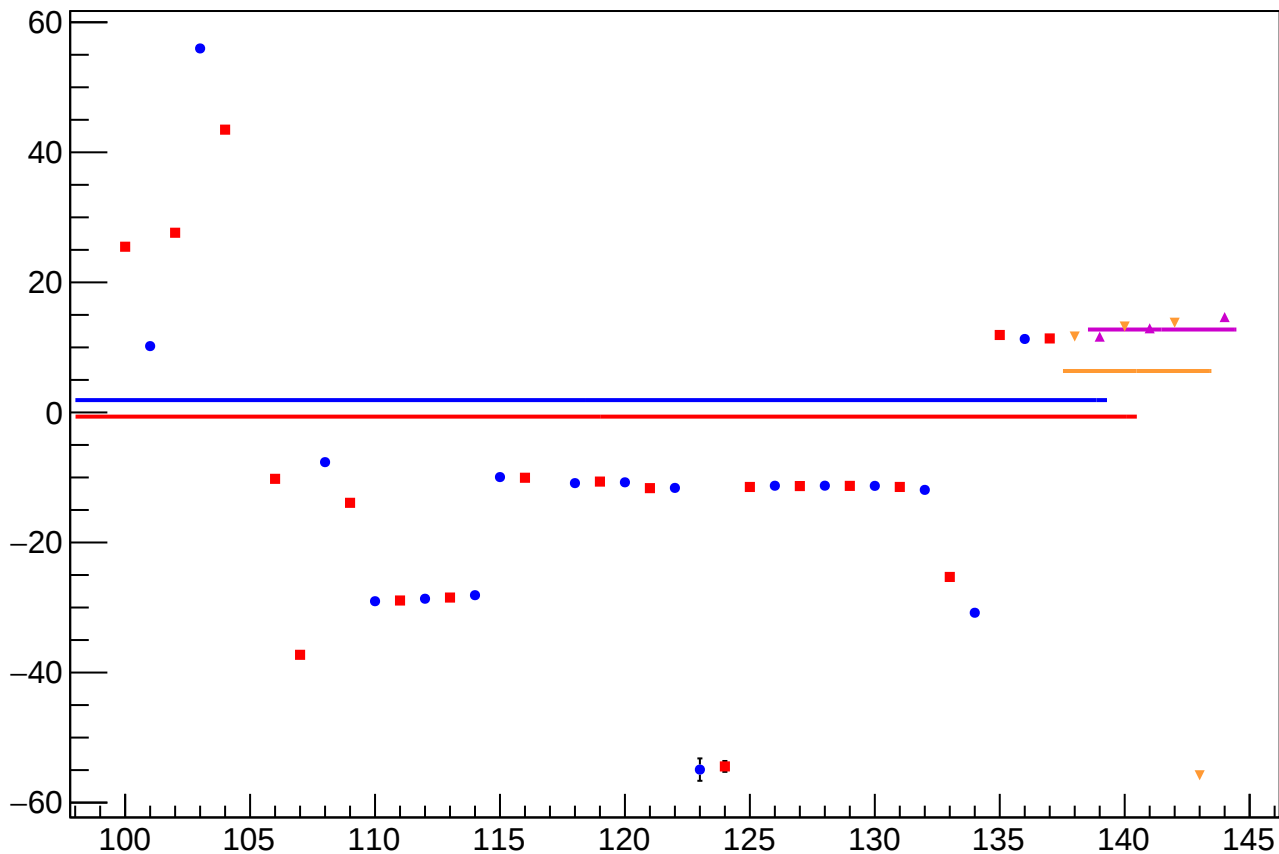
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: 6.898 ± 0.534 $\chi^2/\text{NDF}: 622.1/19$

Out: 9.540 ± 0.532 $\chi^2/\text{NDF}: 829.3/22$

All: 8.223 ± 0.377 $\chi^2/\text{NDF}: 1463.6/42$

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: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 12.750 $\pm$ 0.037 χ^2/NDF :1028.0/2

Left: 9.749 $\pm$ 0.027 χ^2/NDF : 262977.1/6

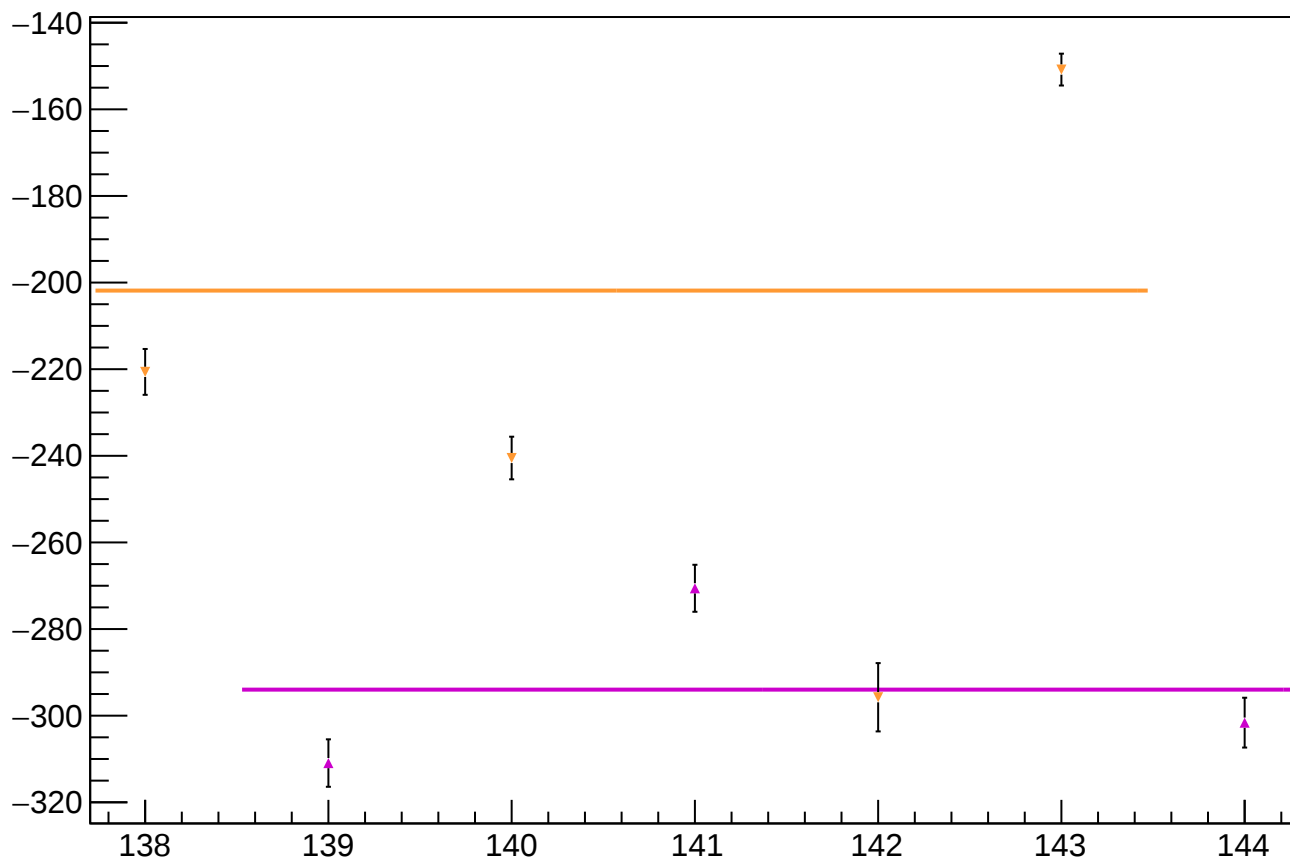
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.289 $\pm$ 0.026 χ^2/NDF :402540.8/19

Out: 2.636 $\pm$ 0.027 χ^2/NDF :626571.7/22

All: 5.029 $\pm$ 0.019 χ^2/NDF : 1044341.0/42

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: -293.987+/-3.203 χ^2/NDF :29.9/2

Left: -235.802+/-1.944 χ^2/NDF : 961.3/6

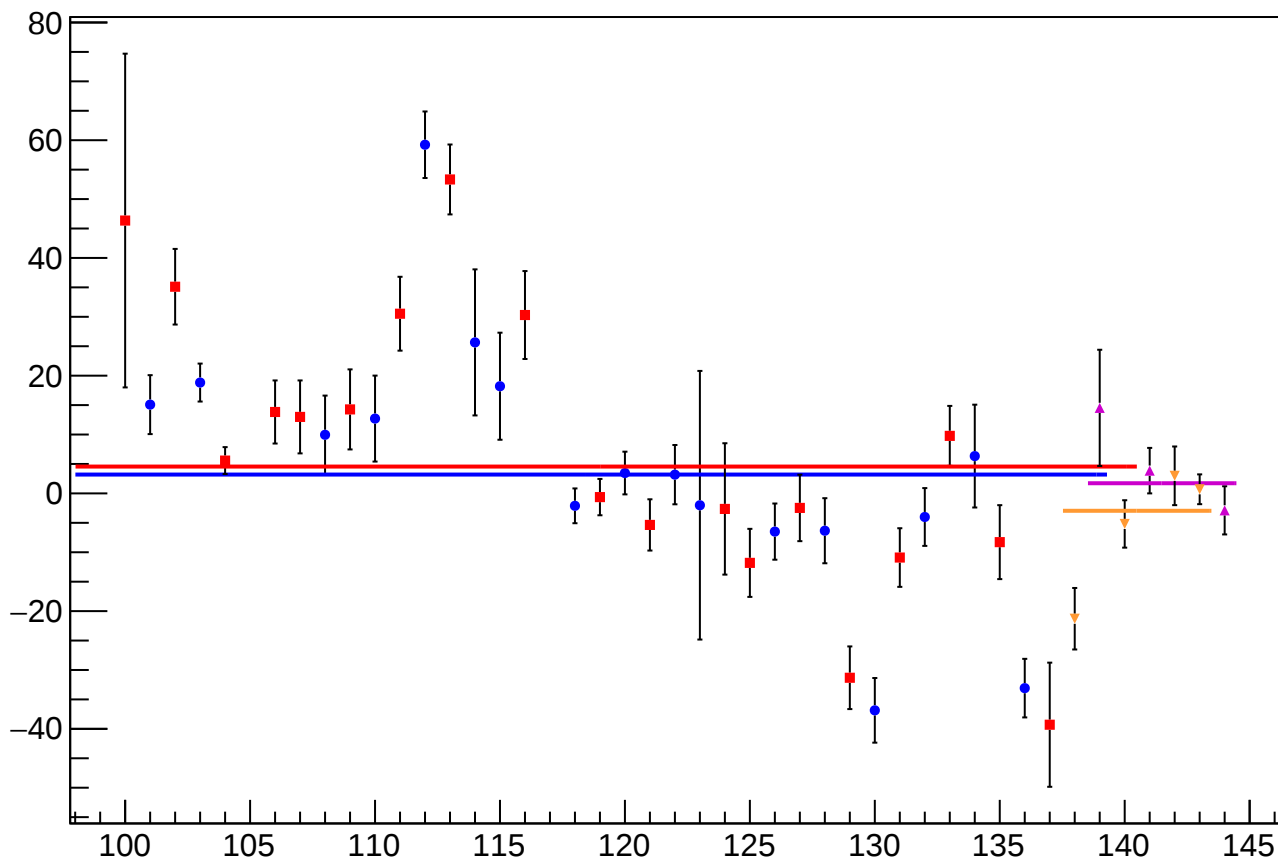
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -293.987+/-3.203 χ^2/NDF :29.9/2

Out: -201.848+/-2.447 χ^2/NDF :408.7/3

All: -235.802+/-1.944 χ^2/NDF : 961.3/6

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: -2.954 ± 1.842 $\chi^2/\text{NDF}: 16.1/3$

Right Out: 4.558 ± 1.158 $\chi^2/\text{NDF}: 223.9/18$

Left In: 1.725 ± 2.702 $\chi^2/\text{NDF}: 3.3/2$

Left: -1.469 ± 1.522 $\chi^2/\text{NDF}: 21.4/6$

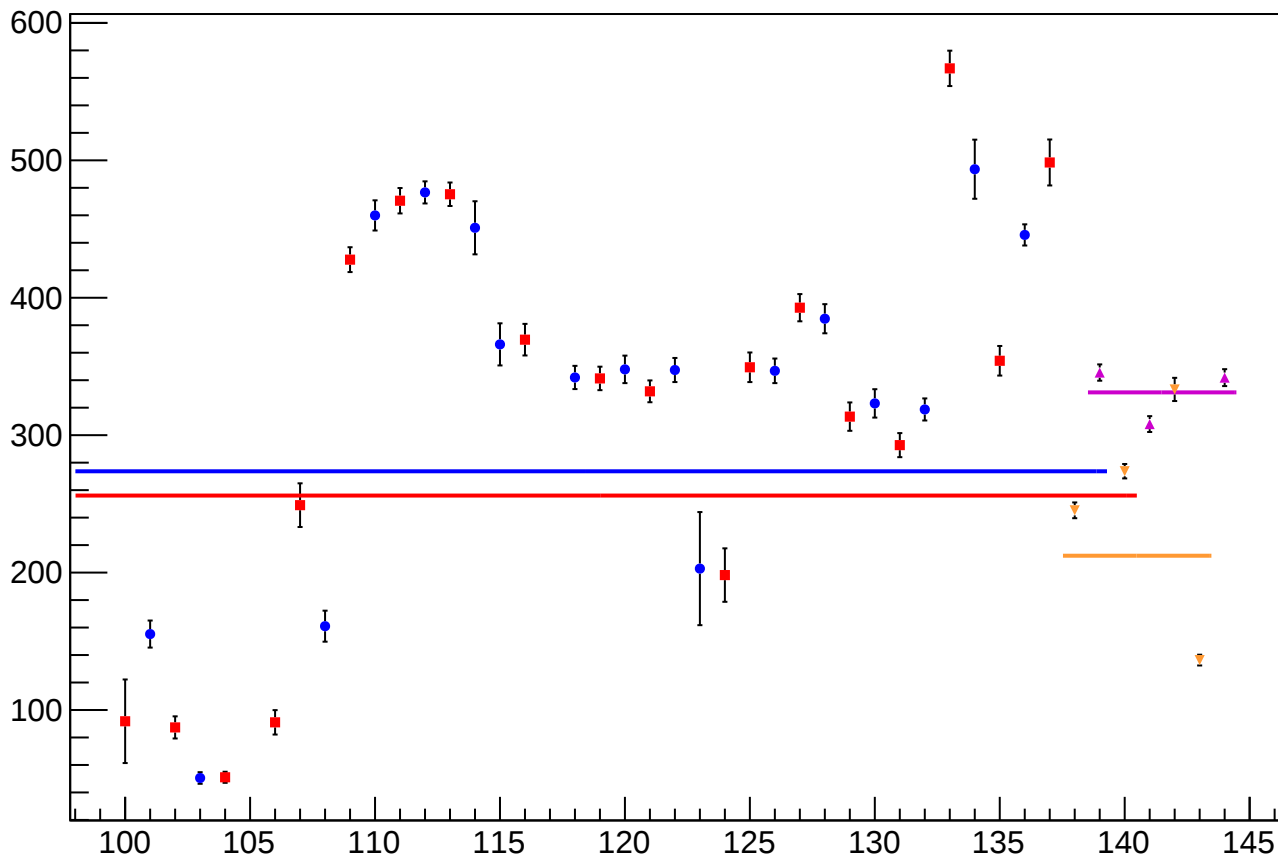
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 2.948 ± 1.117 $\chi^2/\text{NDF}: 258.7/19$

Out: 2.432 ± 0.980 $\chi^2/\text{NDF}: 252.0/22$

All: 2.656 ± 0.737 $\chi^2/\text{NDF}: 510.8/42$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 212.271 $\pm$ 2.618 χ^2 /NDF: 751.8/3

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 331.138 $\pm$ 3.433 χ^2 /NDF: 24.9/2

Left: 255.983 $\pm$ 2.082 χ^2 /NDF: 1534.8/6

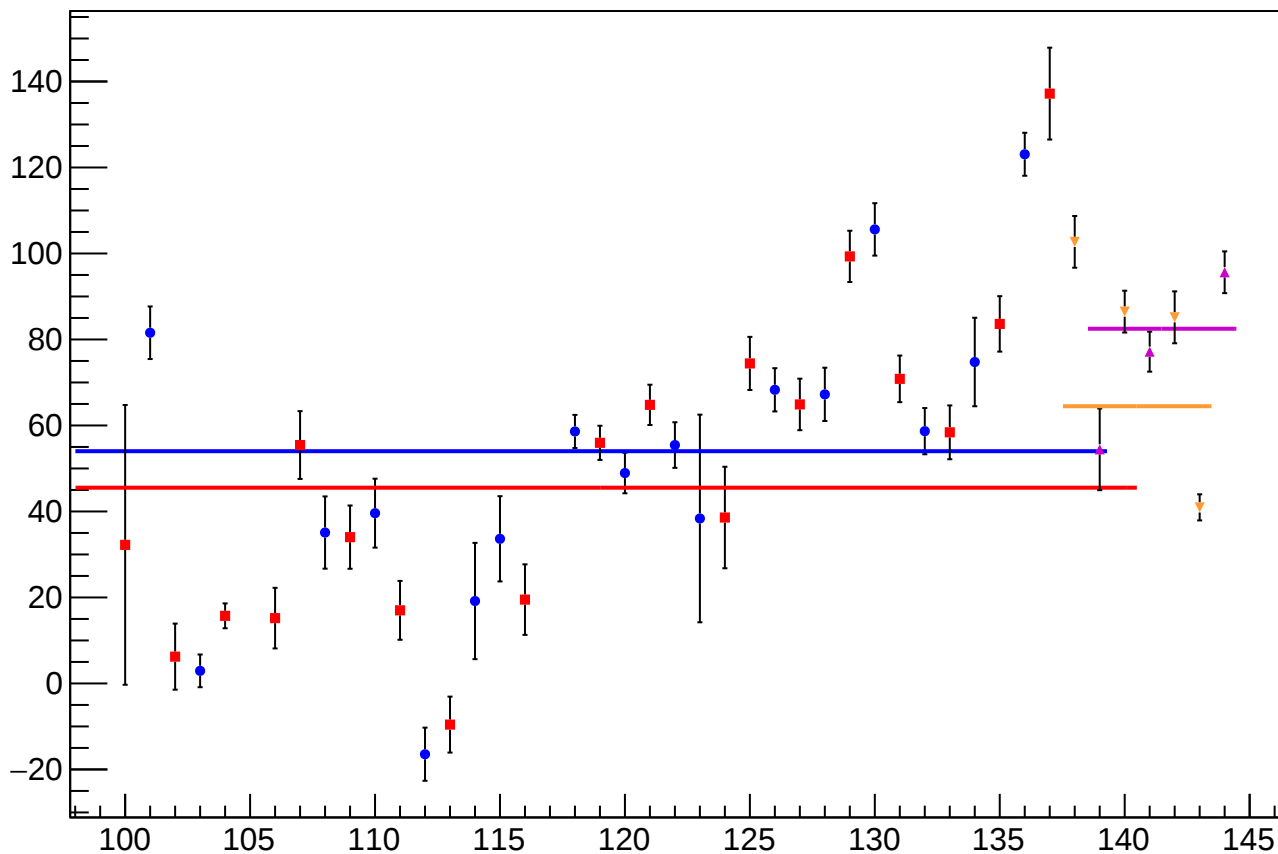
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 290.376 $\pm$ 1.849 χ^2 /NDF: 5326.9/19

Out: 239.126 $\pm$ 1.628 χ^2 /NDF: 7364.4/22

All: 261.506 $\pm$ 1.222 χ^2 /NDF: 13124.0/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 64.474 $\pm$ 2.203 χ^2 /NDF:132.7/3

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 82.494 $\pm$ 3.168 χ^2 /NDF:17.3/2

Left: 70.348 $\pm$ 1.809 χ^2 /NDF: 171.8/6

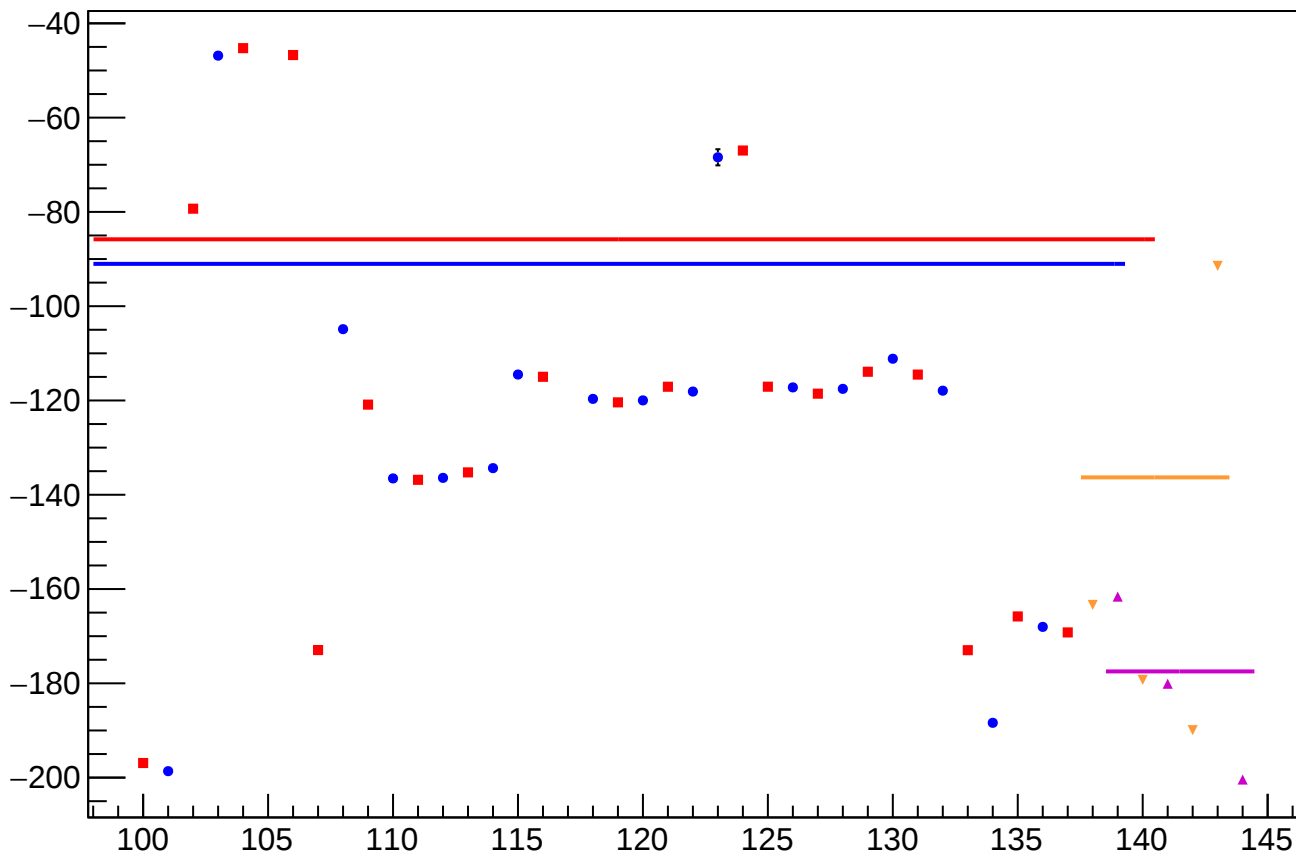
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 58.797 $\pm$ 1.298 χ^2 /NDF:717.4/19

Out: 50.740 $\pm$ 1.156 χ^2 /NDF:713.1/22

All: 54.301 $\pm$ 0.863 χ^2 /NDF: 1452.0/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -136.314+/-0.107 χ^2/NDF : 154918.3/3

Right Out: -85.811+/-0.065 χ^2/NDF : 495868.7/18

Left In: -177.475+/-0.135 χ^2/NDF : 13143.6/2

Left: -152.240+/-0.084 χ^2/NDF : 225151.5/6

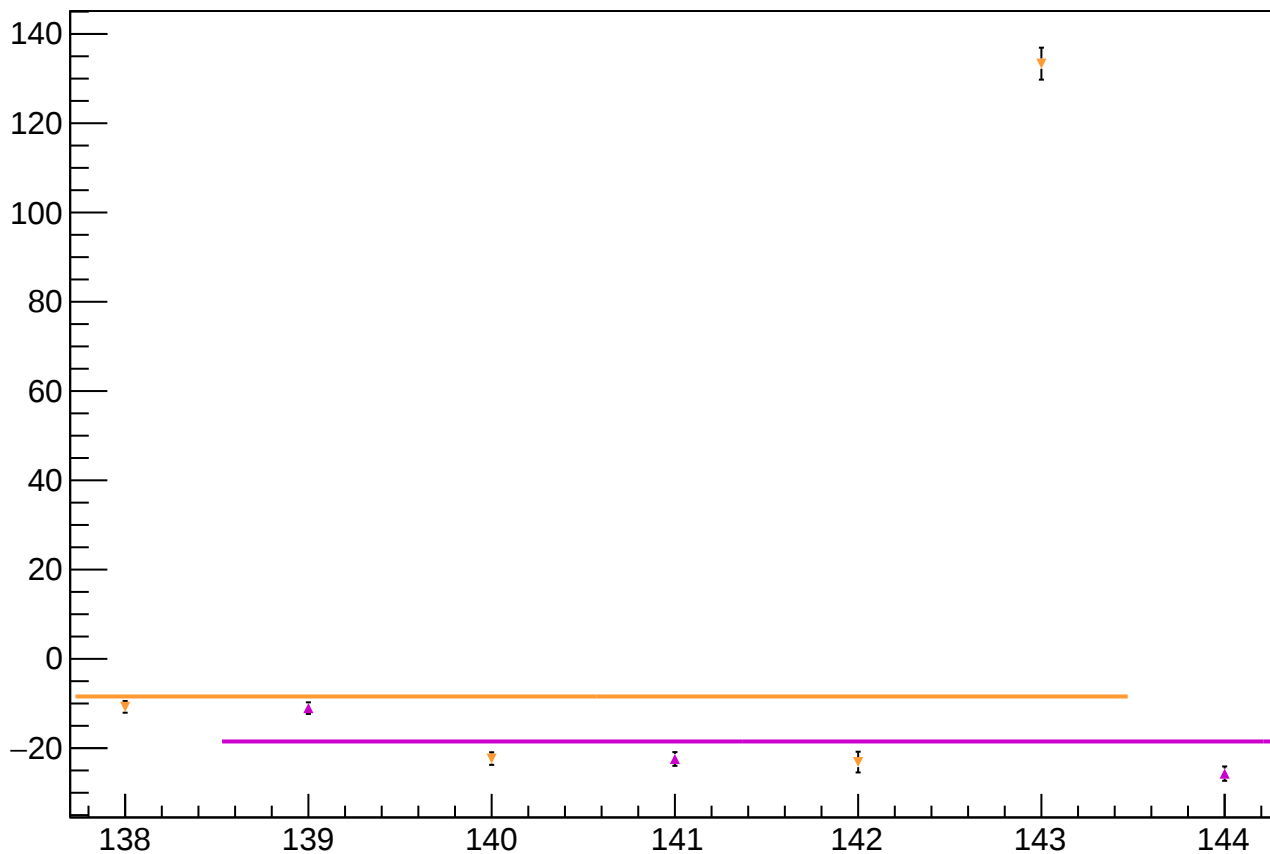
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -108.368+/-0.060 χ^2/NDF : 875769.7/19

Out: -99.401+/-0.056 χ^2/NDF : 813131.4/22

All: -103.511+/-0.041 χ^2/NDF : 1700831.4/42

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: -18.506+/-0.844 χ^2/NDF :59.8/2

Left: -13.572+/-0.603 χ^2/NDF : 1836.9/6

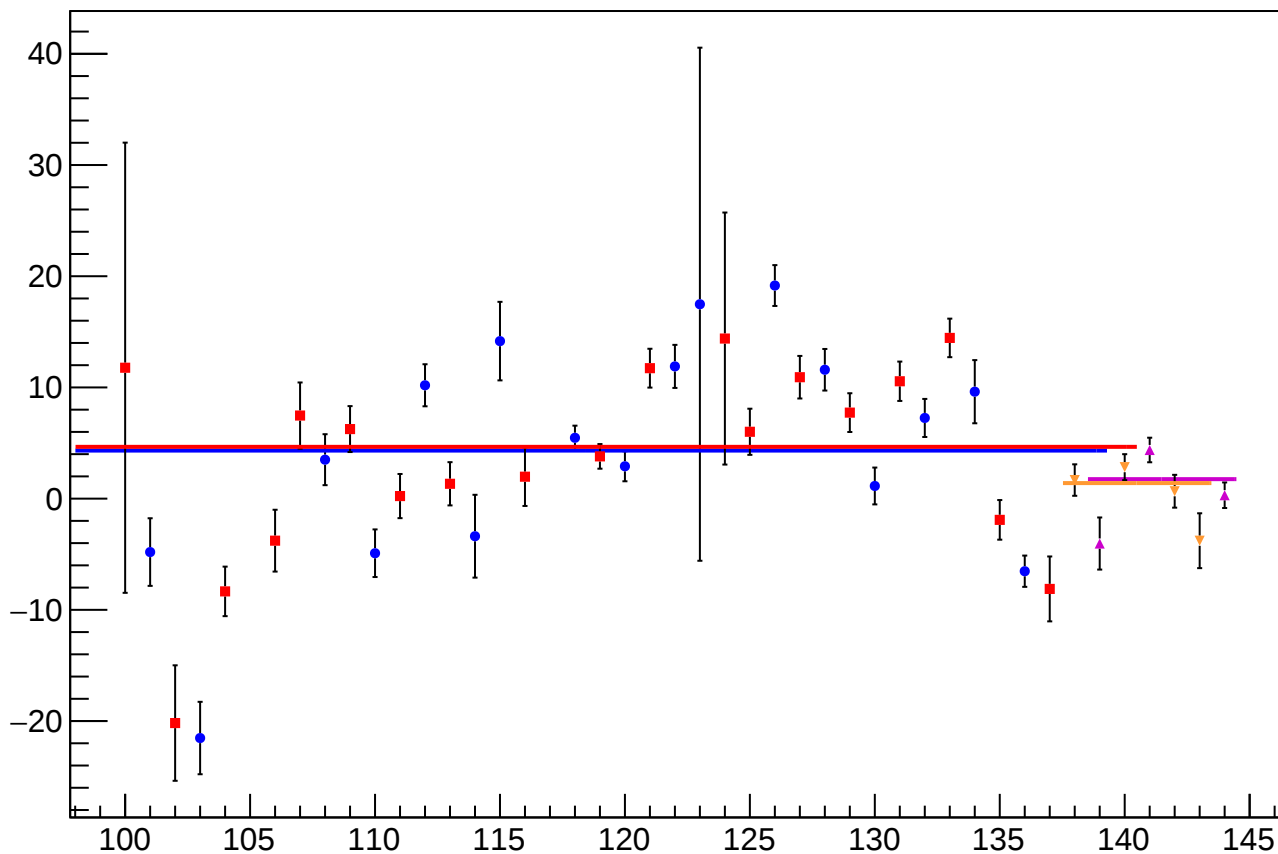
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.506+/-0.844 χ^2/NDF :59.8/2

Out: -8.427+/-0.862 χ^2/NDF :1707.4/3

All: -13.572+/-0.603 χ^2/NDF : 1836.9/6

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 1.398 ± 0.734 χ^2/NDF : 6.2/3

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: 1.753 ± 0.754 χ^2/NDF : 13.3/2

Left: 1.571 ± 0.526 χ^2/NDF : 19.6/6

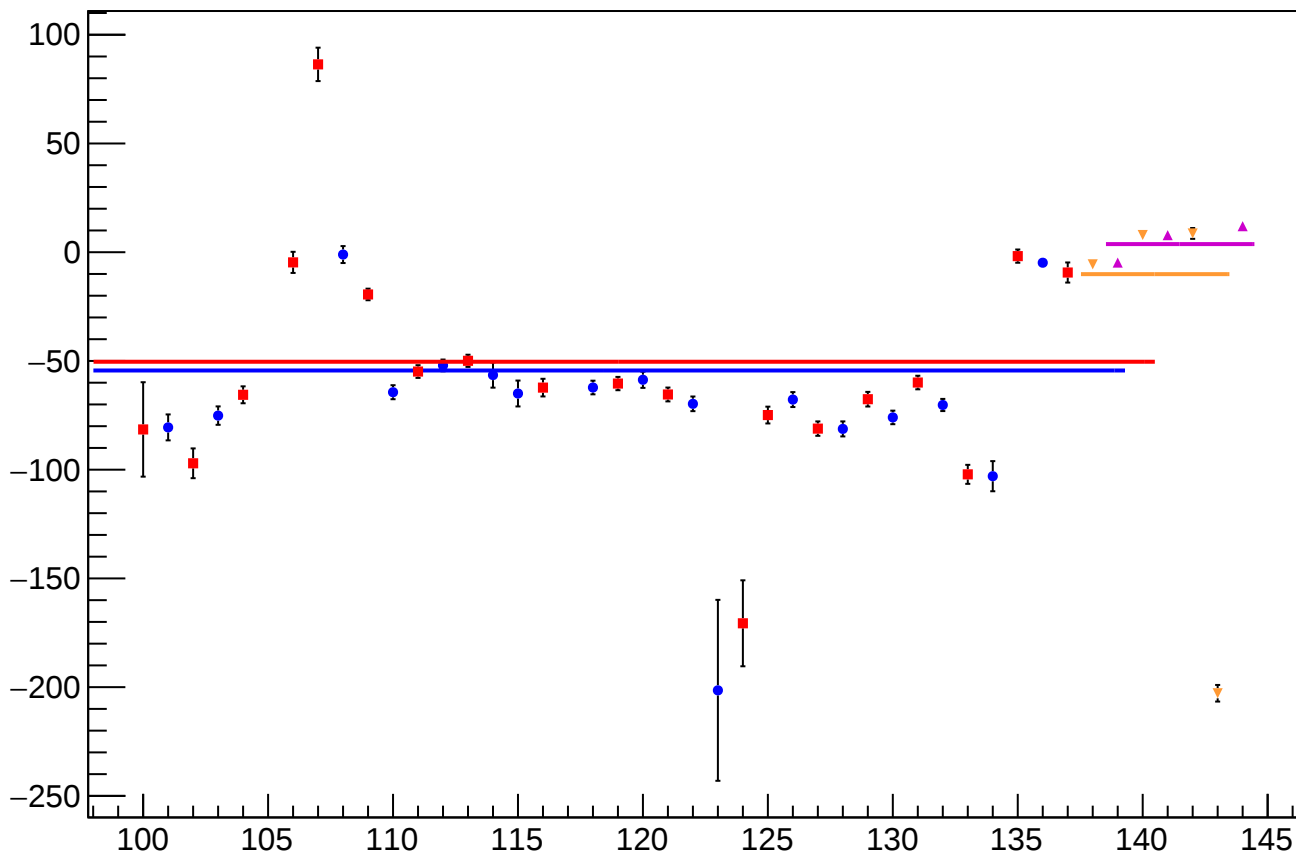
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 3.613 ± 0.396 χ^2/NDF : 302.0/19

Out: 3.698 ± 0.398 χ^2/NDF : 204.7/22

All: 3.655 ± 0.281 χ^2/NDF : 506.7/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -10.083 ± 0.926 $\chi^2/\text{NDF}: 2756.0/3$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 3.736 ± 0.906 $\chi^2/\text{NDF}: 65.9/2$

Left: -3.020 ± 0.647 $\chi^2/\text{NDF}: 2935.7/6$

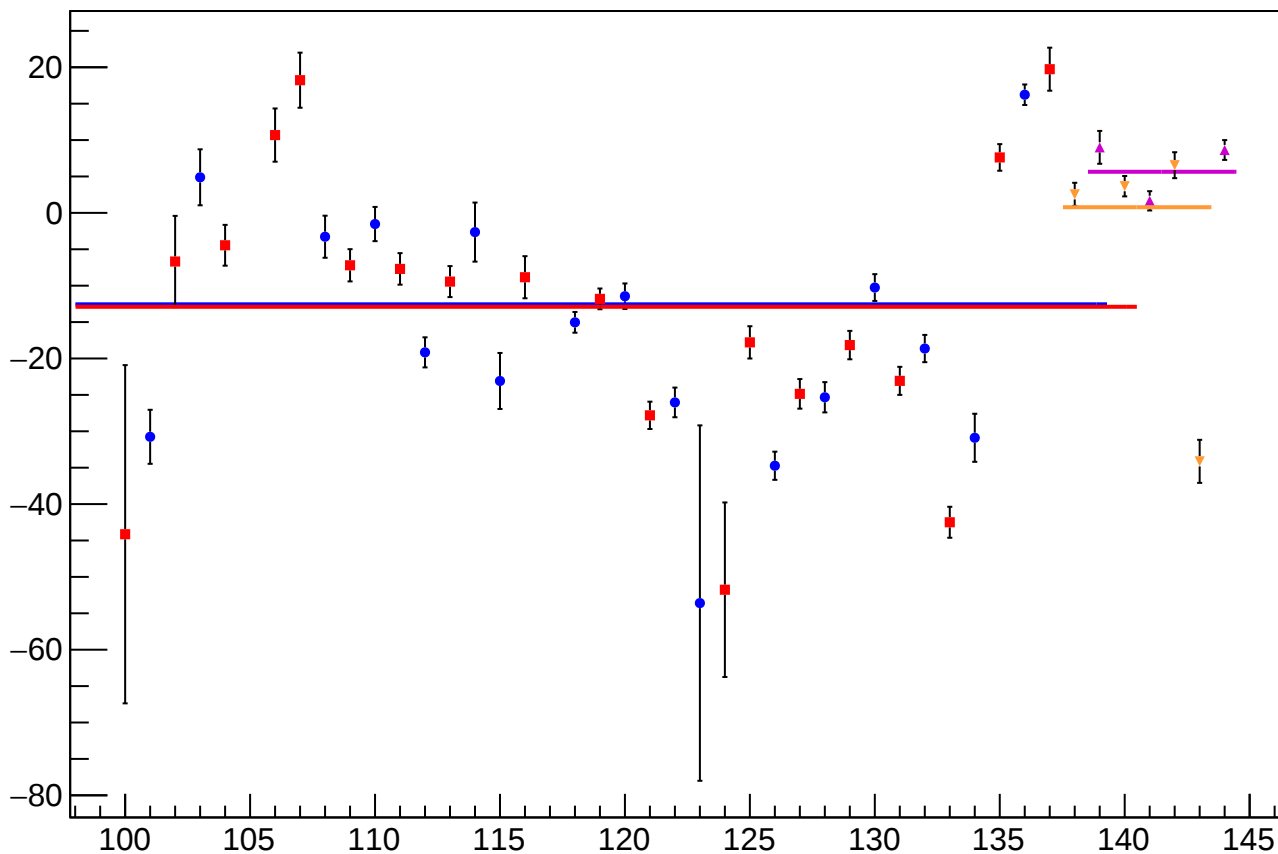
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -26.679 ± 0.625 $\chi^2/\text{NDF}: 3234.8/19$

Out: -31.766 ± 0.629 $\chi^2/\text{NDF}: 5096.0/22$

All: -29.207 ± 0.444 $\chi^2/\text{NDF}: 8363.7/42$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 0.776 ± 0.865 χ^2/NDF : 155.4/3

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 5.646 ± 0.875 χ^2/NDF : 16.1/2

Left: 3.185 ± 0.615 χ^2/NDF : 187.2/6

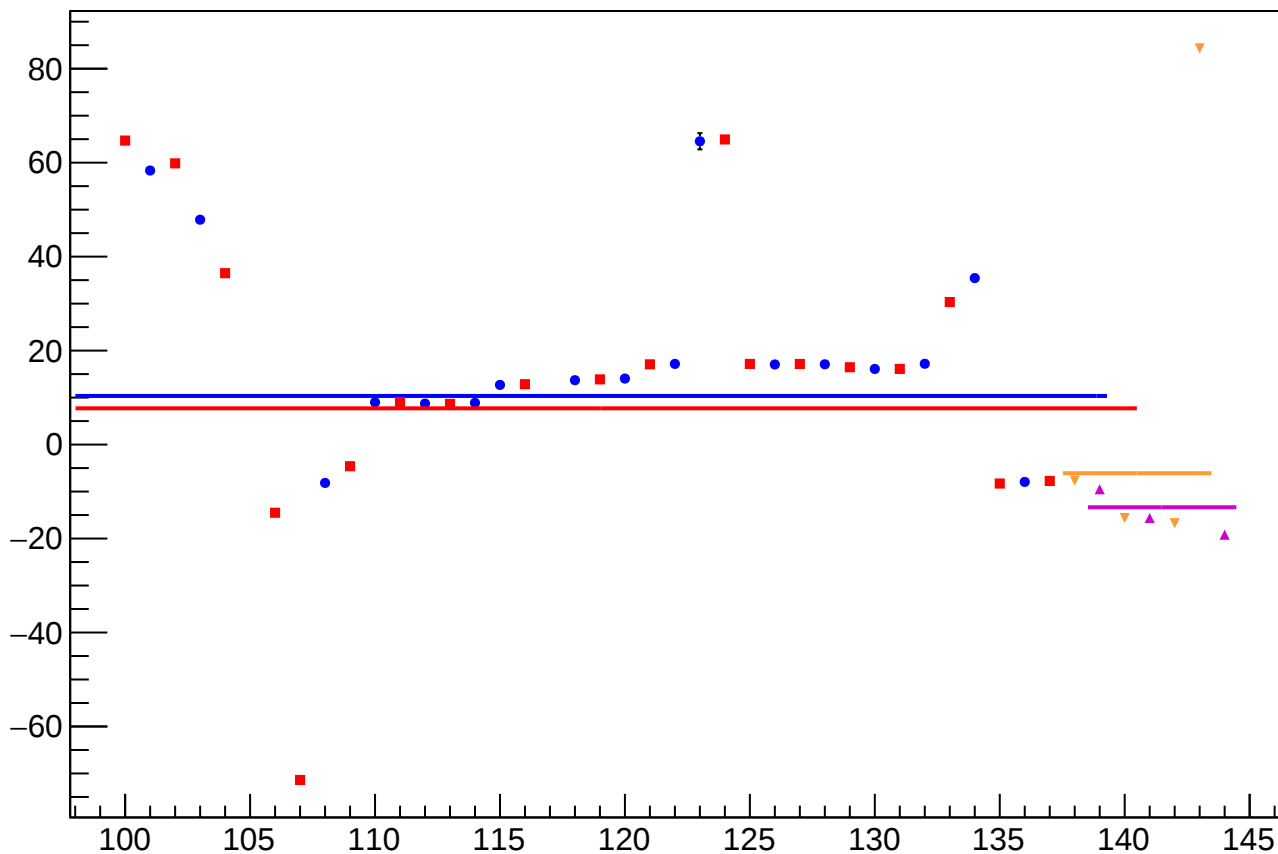
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -7.652 ± 0.454 χ^2/NDF : 1112.1/19

Out: -9.084 ± 0.457 χ^2/NDF : 1063.9/22

All: -8.364 ± 0.322 χ^2/NDF : 2180.9/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -6.100+/-0.038 χ^2/NDF : 379652.1/3

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -13.340+/-0.035 χ^2/NDF : 13206.6/2

Left: -9.980+/-0.026 χ^2/NDF : 412690.8/6

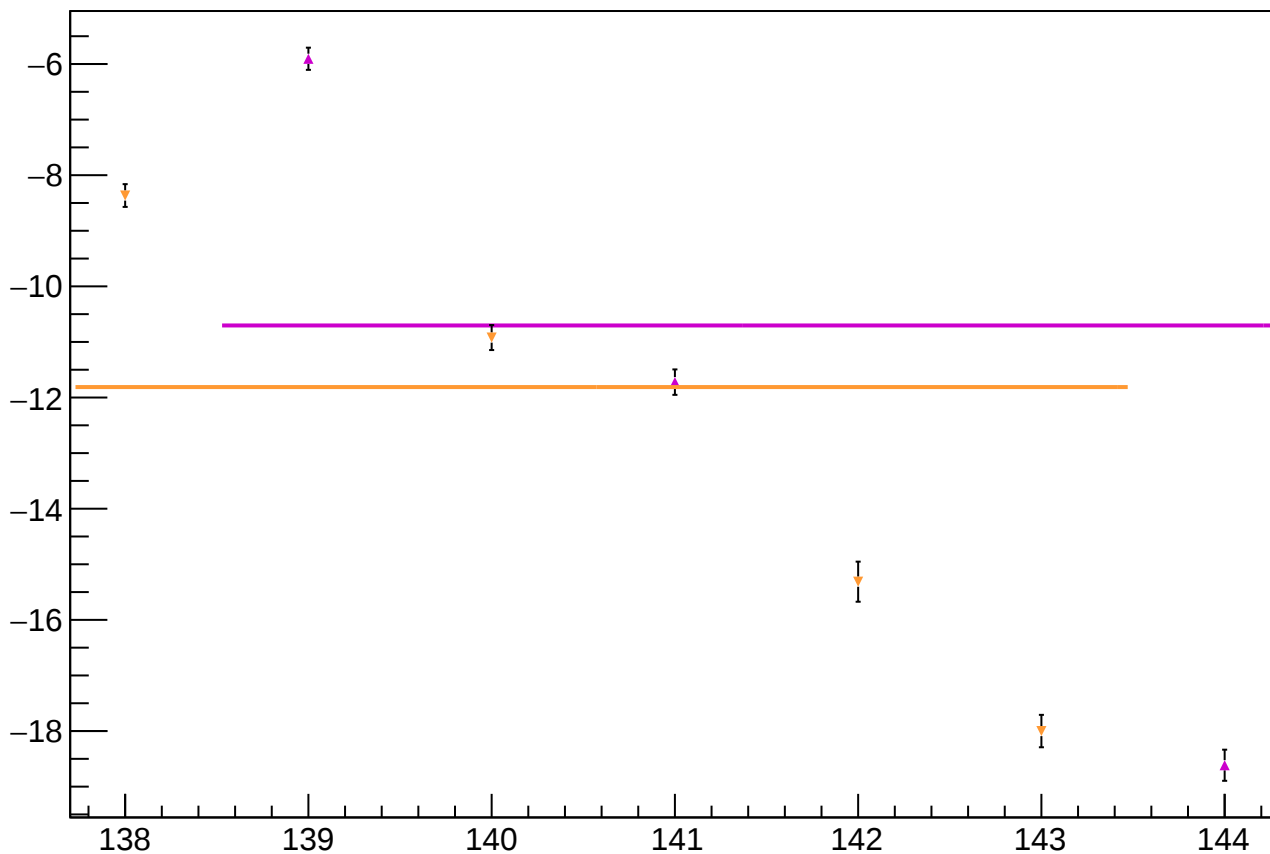
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: 0.103+/-0.023 χ^2/NDF : 653663.3/19

Out: 2.074+/-0.024 χ^2/NDF : 1004409.4/22

All: 1.046+/-0.017 χ^2/NDF : 1661575.6/42

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: -10.703+/-0.132 χ^2/NDF :1396.7/2

Left: -11.286+/-0.091 χ^2/NDF : 2277.0/6

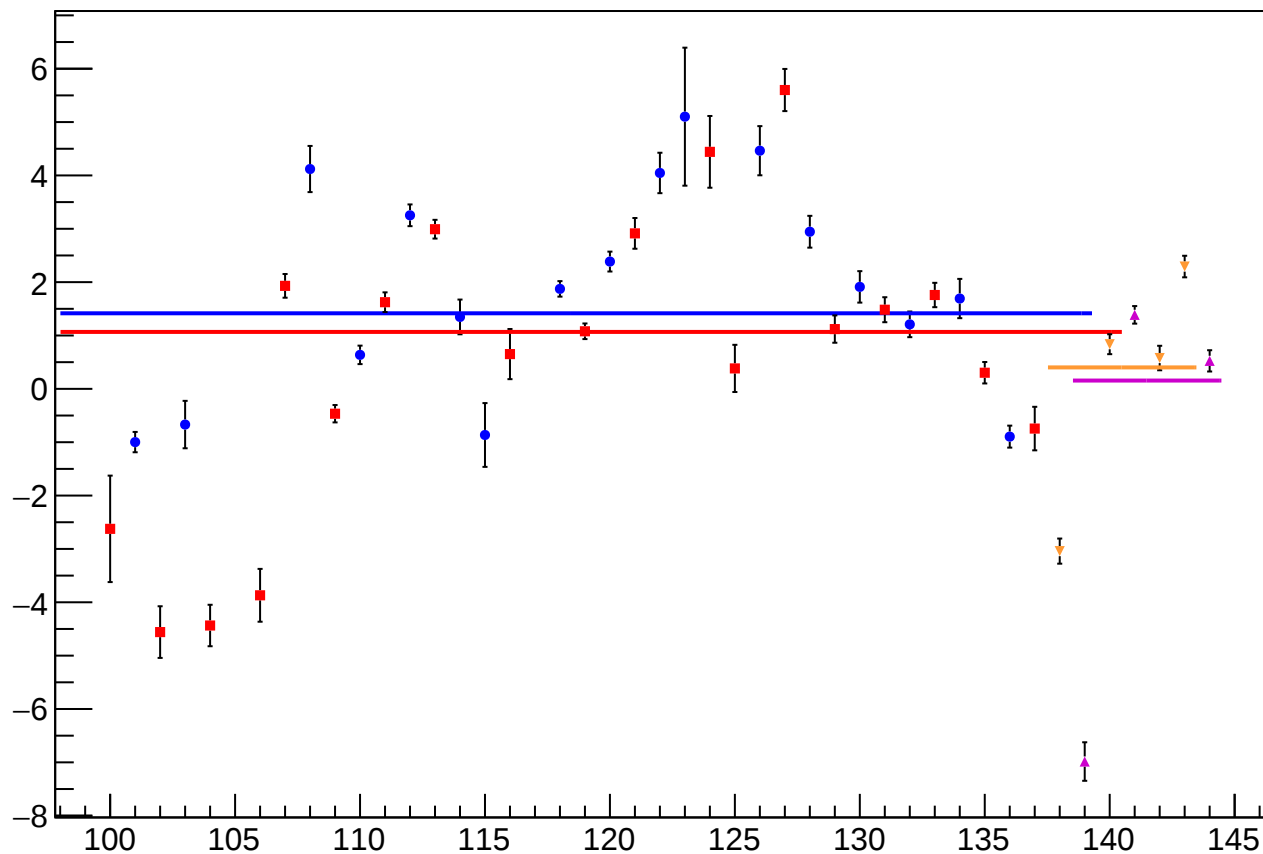
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.703+/-0.132 χ^2/NDF :1396.7/2

Out: -11.812+/-0.126 χ^2/NDF :843.6/3

All: -11.286+/-0.091 χ^2/NDF : 2277.0/6

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.402 ± 0.105 χ^2/NDF : 307.4/3

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.156 ± 0.120 χ^2/NDF : 450.5/2

Left: 0.295 ± 0.079 χ^2/NDF : 760.3/6

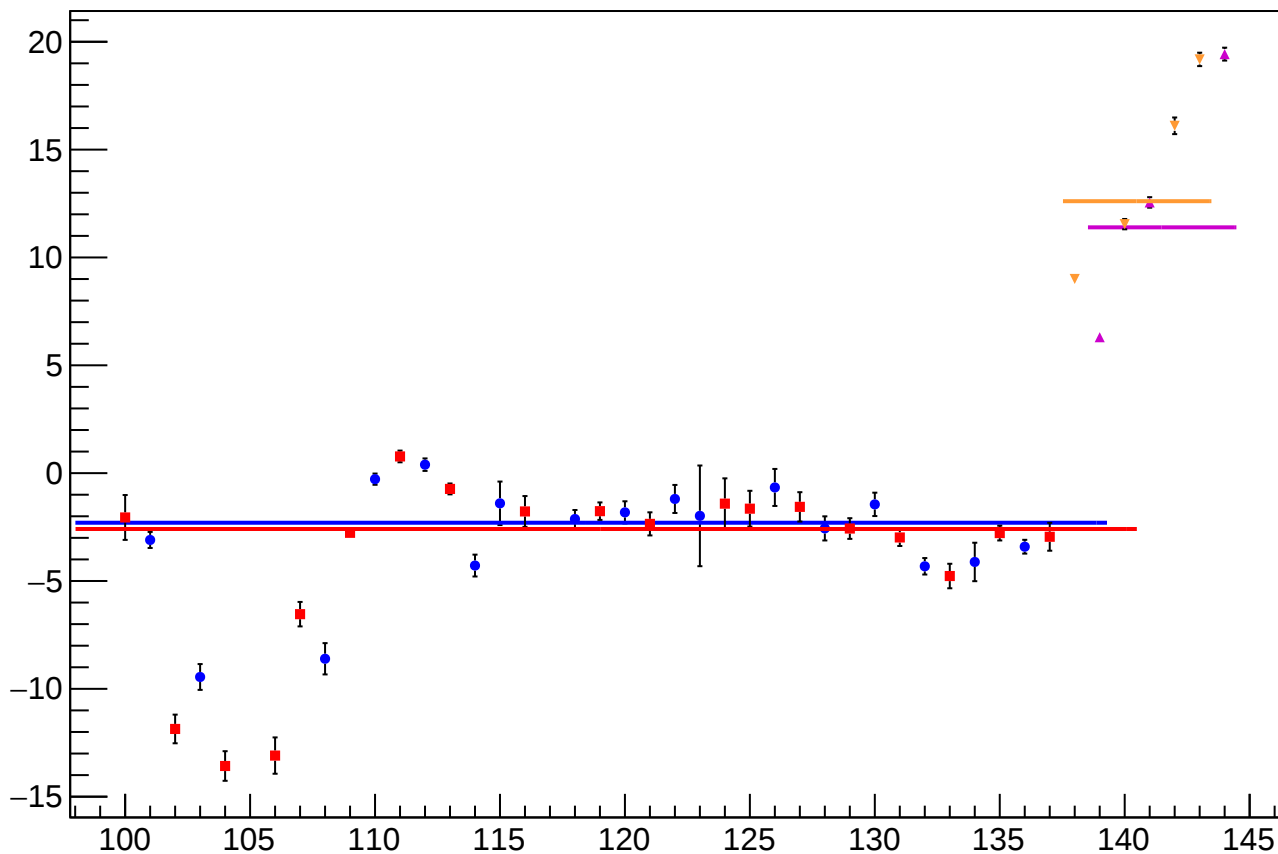
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.155 ± 0.054 χ^2/NDF : 1169.6/19

Out: 0.912 ± 0.051 χ^2/NDF : 1267.9/22

All: 1.025 ± 0.037 χ^2/NDF : 2448.2/42

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 12.609 ± 0.135 $\chi^2/\text{NDF}: 811.2/3$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 11.396 ± 0.142 $\chi^2/\text{NDF}: 1300.2/2$

Left: 12.033 ± 0.098 $\chi^2/\text{NDF}: 2149.6/6$

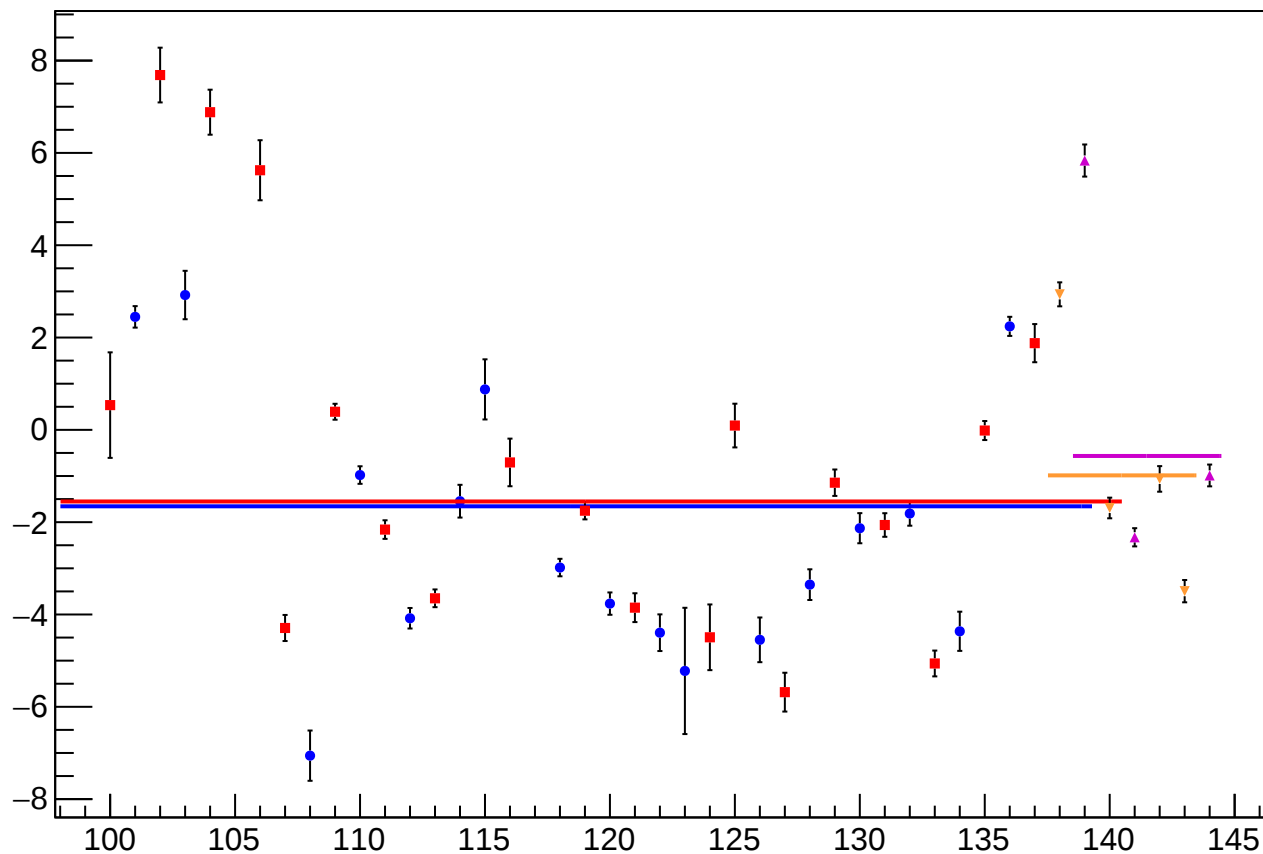
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 2.881 ± 0.087 $\chi^2/\text{NDF}: 7515.4/19$

Out: 2.702 ± 0.080 $\chi^2/\text{NDF}: 9934.9/22$

All: 2.783 ± 0.059 $\chi^2/\text{NDF}: 17452.5/42$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -0.986 ± 0.124 χ^2/NDF : 345.9/3

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -0.566 ± 0.139 χ^2/NDF : 421.5/2

Left: -0.799 ± 0.092 χ^2/NDF : 772.5/6

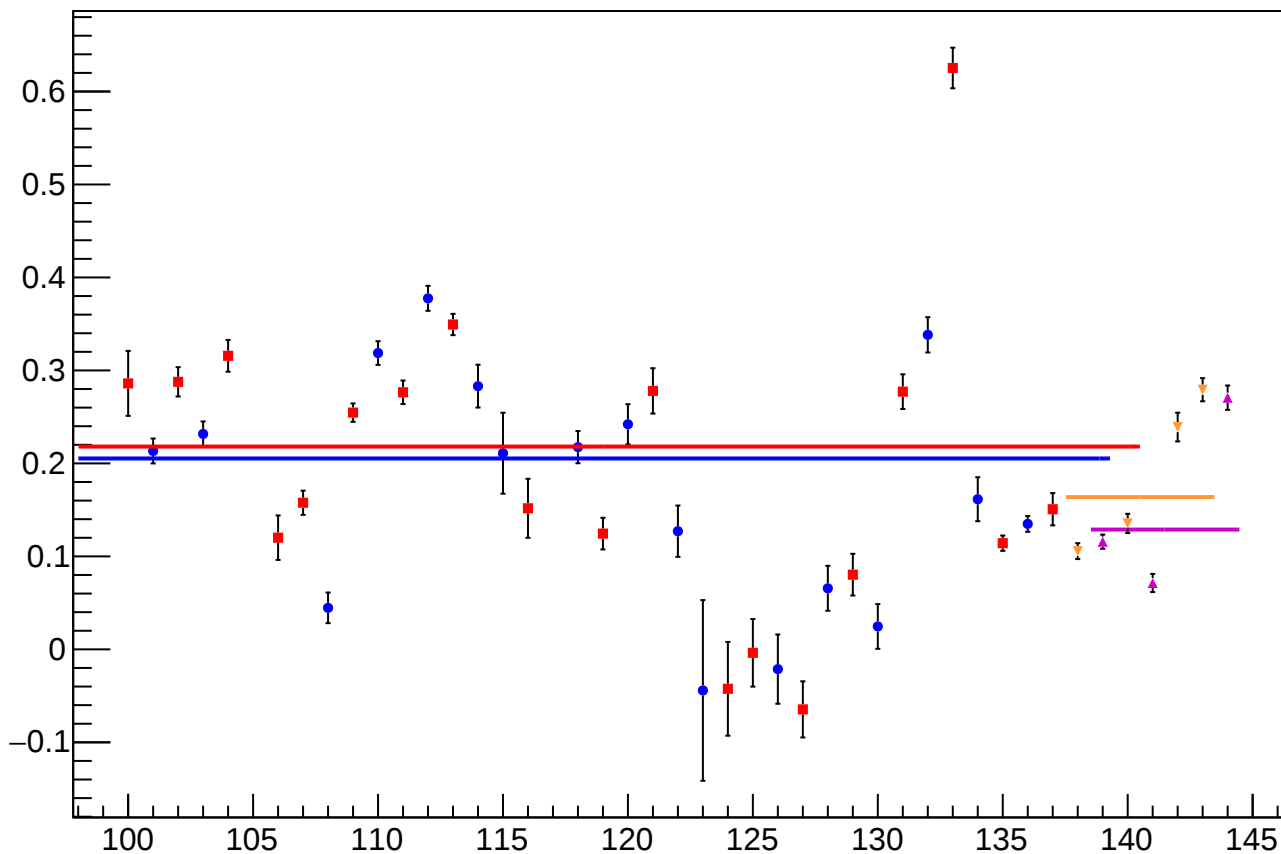
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.433 ± 0.063 χ^2/NDF : 1741.8/19

Out: -1.428 ± 0.058 χ^2/NDF : 1850.2/22

All: -1.430 ± 0.043 χ^2/NDF : 3592.0/42

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.164 $\pm$ 0.005 χ^2 /NDF:163.6/3

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.129 $\pm$ 0.005 χ^2 /NDF:154.7/2

Left: 0.146 $\pm$ 0.004 χ^2 /NDF: 338.8/6

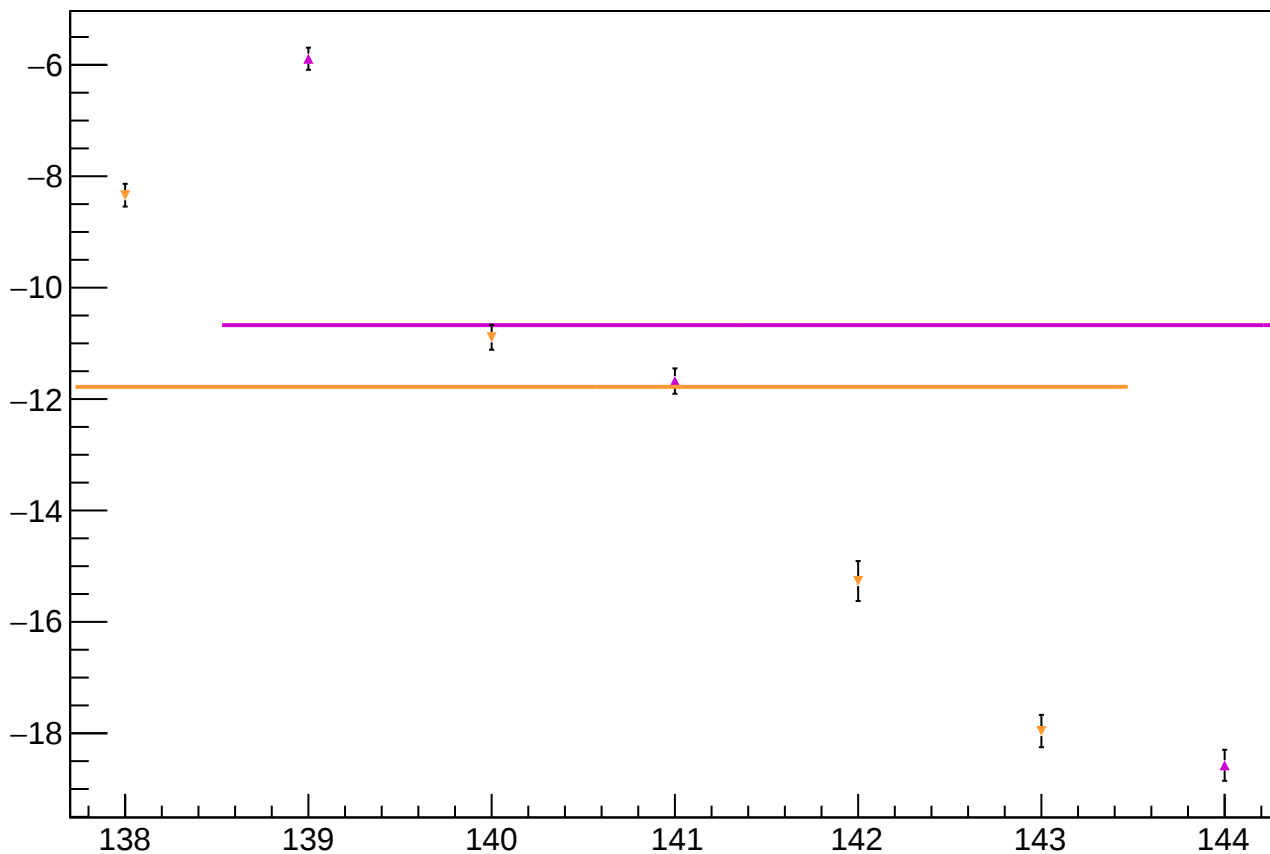
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.177 $\pm$ 0.003 χ^2 /NDF:899.6/19

Out: 0.201 $\pm$ 0.003 χ^2 /NDF:1255.1/22

All: 0.190 $\pm$ 0.002 χ^2 /NDF: 2182.2/42

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: -10.673+/-0.132 χ^2/NDF :1402.8/2

Left: -11.255+/-0.091 χ^2/NDF : 2287.9/6

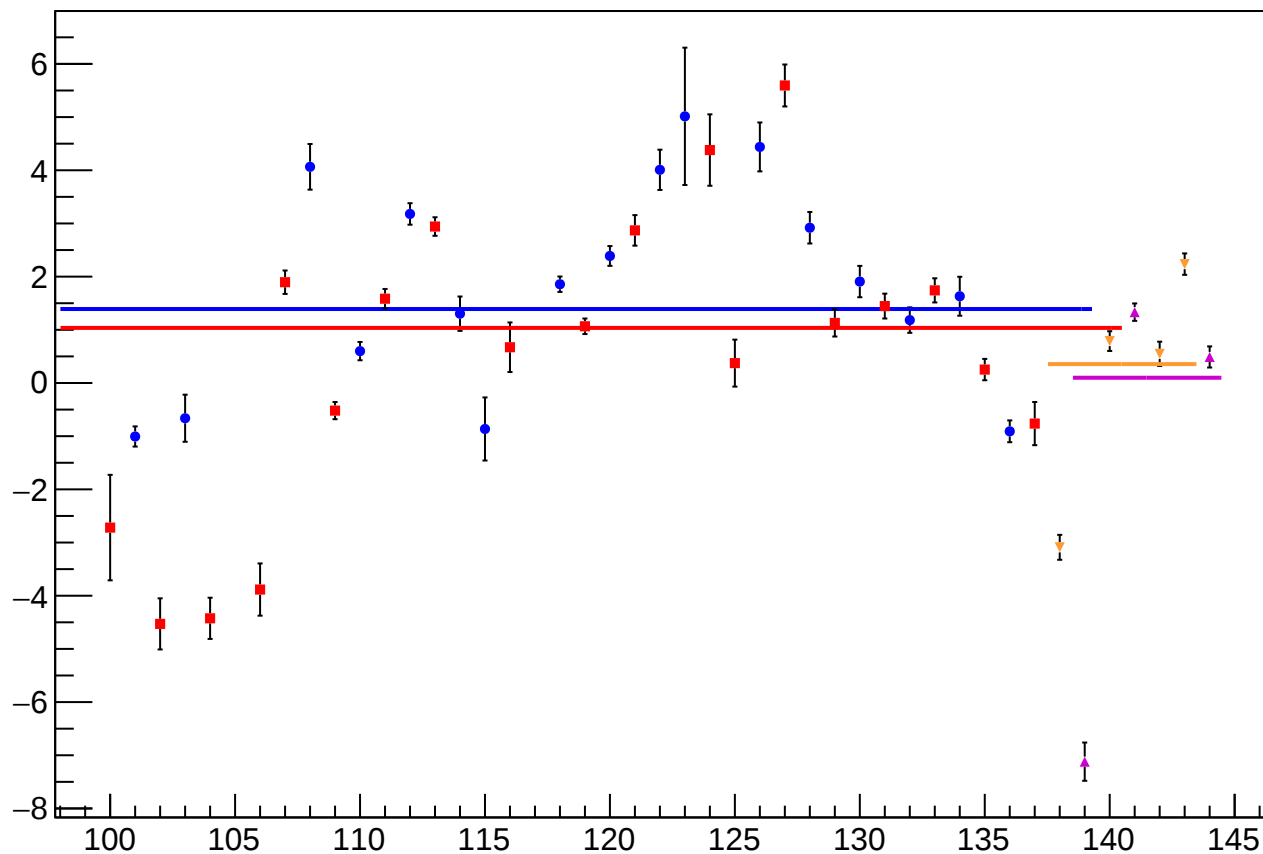
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.673+/-0.132 χ^2/NDF :1402.8/2

Out: -11.781+/-0.125 χ^2/NDF :848.1/3

All: -11.255+/-0.091 χ^2/NDF : 2287.9/6

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: 1.036 ± 0.058 $\chi^2/\text{NDF}: 934.2/18$

Left In: 0.099 ± 0.119 $\chi^2/\text{NDF}: 463.8/2$

Left: 0.244 ± 0.079 $\chi^2/\text{NDF}: 775.9/6$

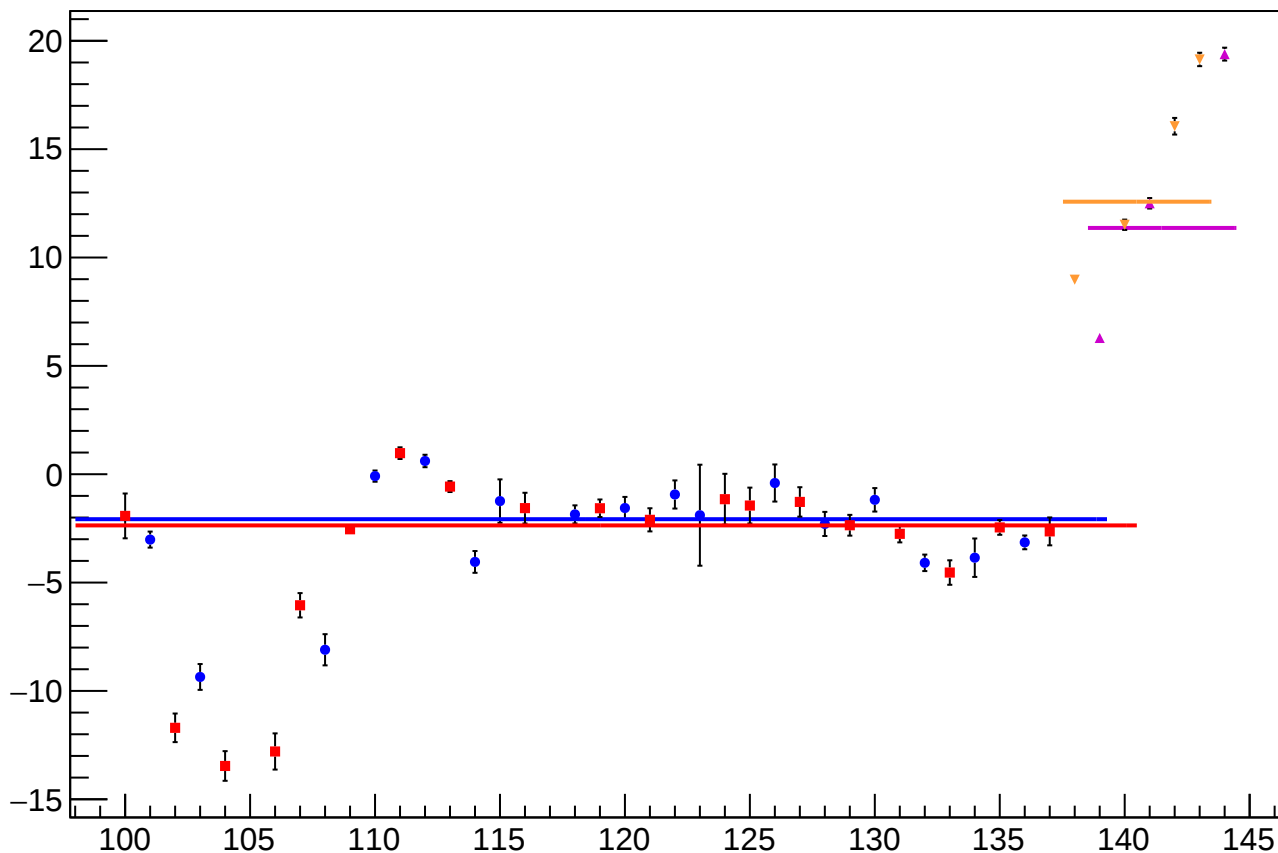
Right: 1.204 ± 0.042 $\chi^2/\text{NDF}: 1581.2/35$

In: 1.123 ± 0.054 $\chi^2/\text{NDF}: 1186.2/19$

Out: 0.877 ± 0.051 $\chi^2/\text{NDF}: 1276.1/22$

All: 0.992 ± 0.037 $\chi^2/\text{NDF}: 2473.2/42$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 12.576 ± 0.135 χ^2/NDF : 815.7/3

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 11.365 ± 0.141 χ^2/NDF : 1305.5/2

Left: 12.001 ± 0.098 χ^2/NDF : 2159.6/6

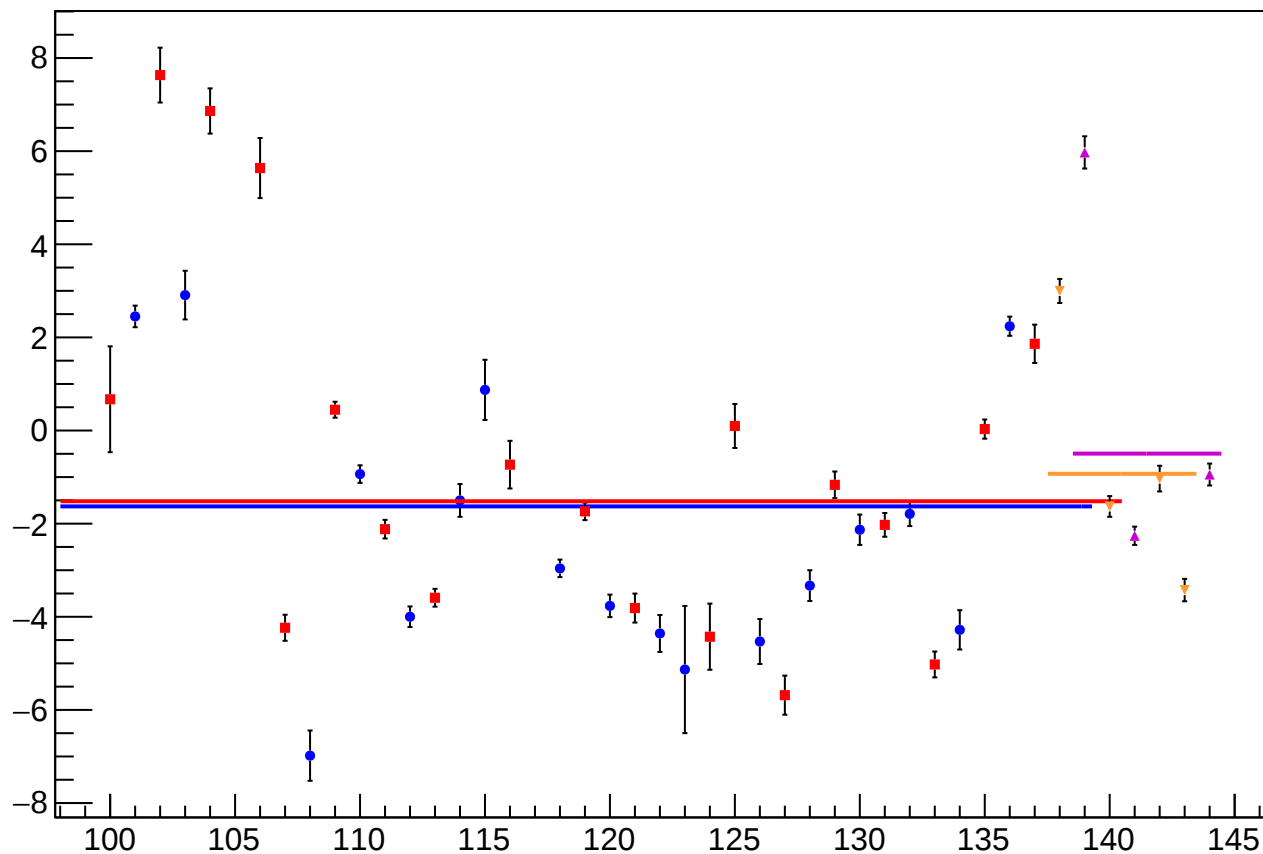
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 3.005 ± 0.087 χ^2/NDF : 7361.5/19

Out: 2.833 ± 0.079 χ^2/NDF : 9740.8/22

All: 2.911 ± 0.059 χ^2/NDF : 17104.4/42

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -0.930 ± 0.123 χ^2/NDF : 348.5/3

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -0.496 ± 0.138 χ^2/NDF : 433.2/2

Left: -0.737 ± 0.092 χ^2/NDF : 787.1/6

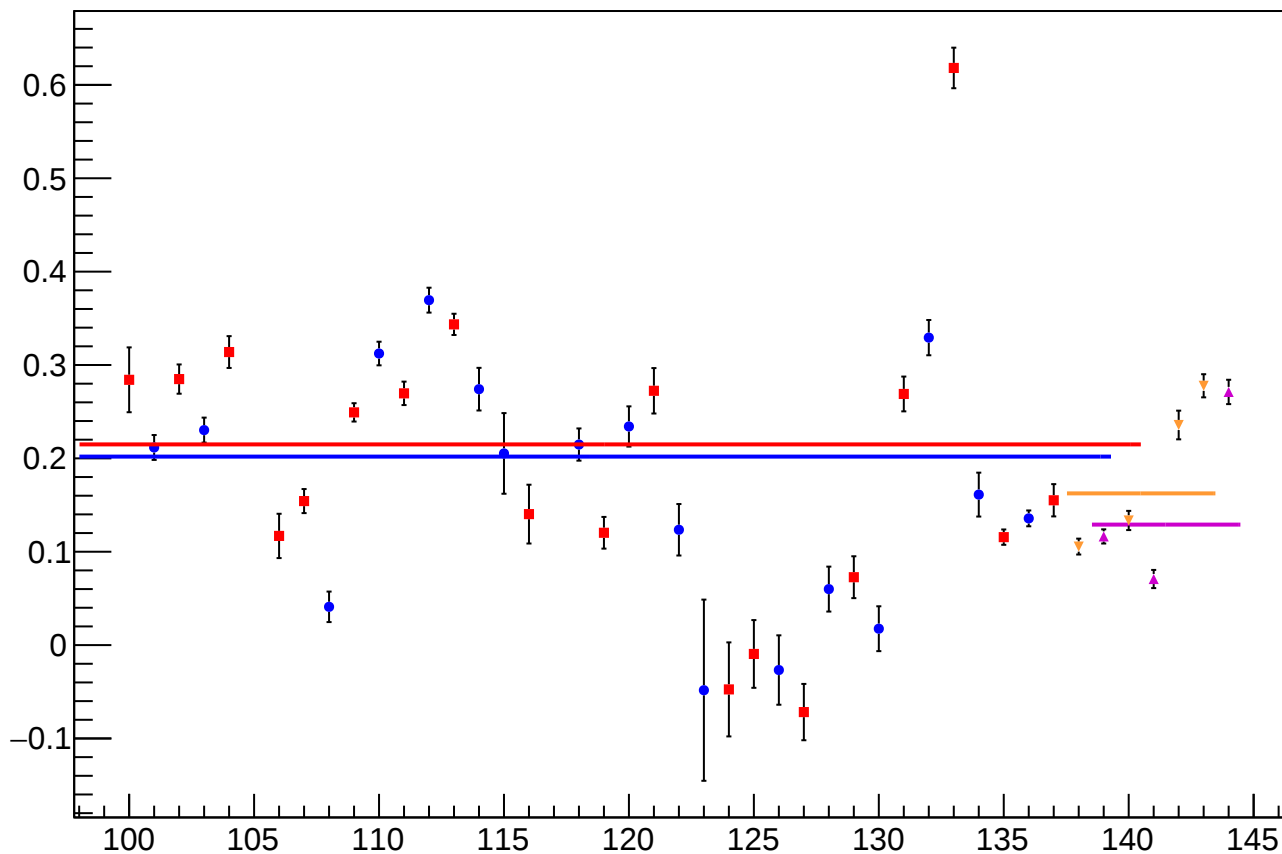
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.397 ± 0.063 χ^2/NDF : 1753.1/19

Out: -1.390 ± 0.058 χ^2/NDF : 1858.2/22

All: -1.393 ± 0.042 χ^2/NDF : 3611.2/42

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.162 $\pm$ 0.005 χ^2 /NDF:162.0/3

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.129 $\pm$ 0.005 χ^2 /NDF:157.3/2

Left: 0.146 $\pm$ 0.004 χ^2 /NDF: 338.3/6

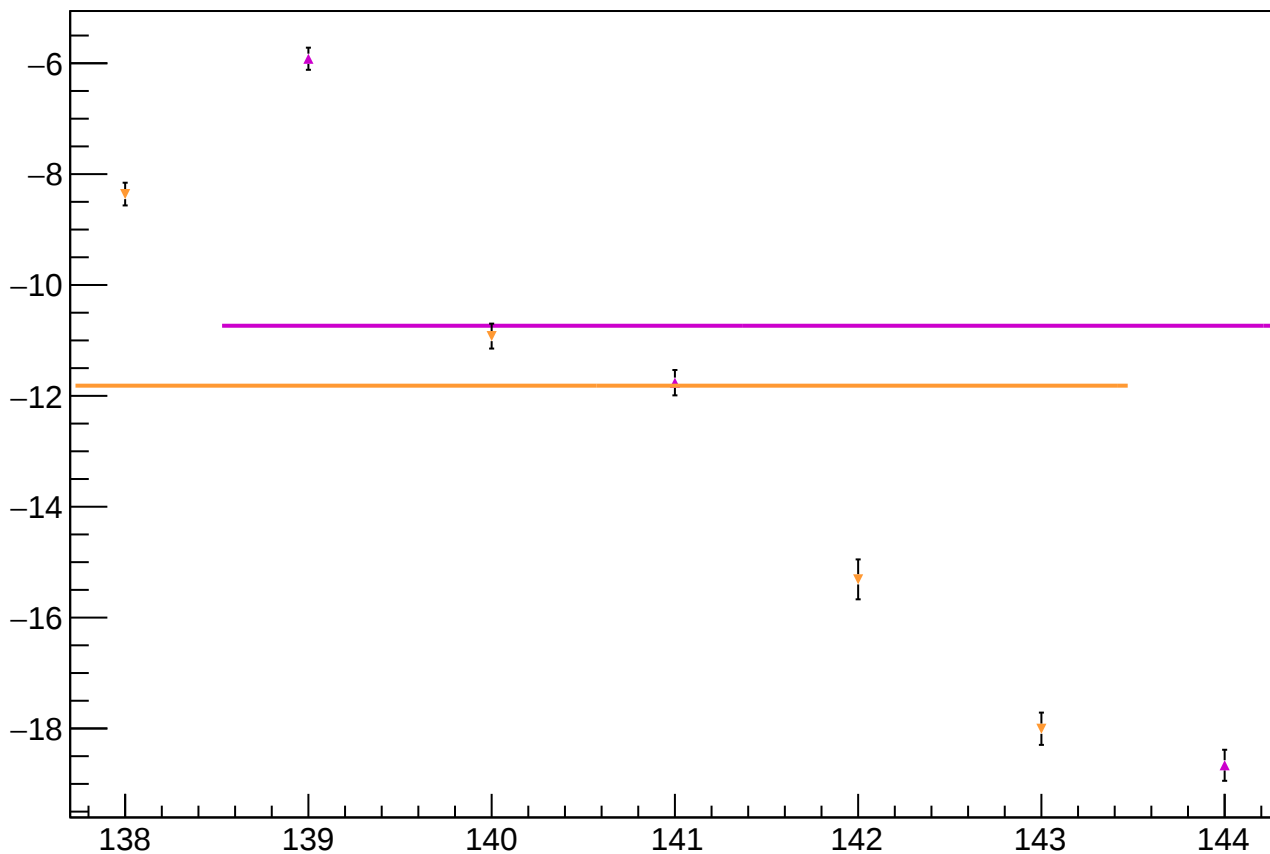
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.175 $\pm$ 0.003 χ^2 /NDF:875.9/19

Out: 0.198 $\pm$ 0.003 χ^2 /NDF:1231.8/22

All: 0.188 $\pm$ 0.002 χ^2 /NDF: 2134.4/42

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: -10.735+/-0.132 χ^2/NDF :1405.0/2

Left: -11.303+/-0.091 χ^2/NDF : 2286.0/6

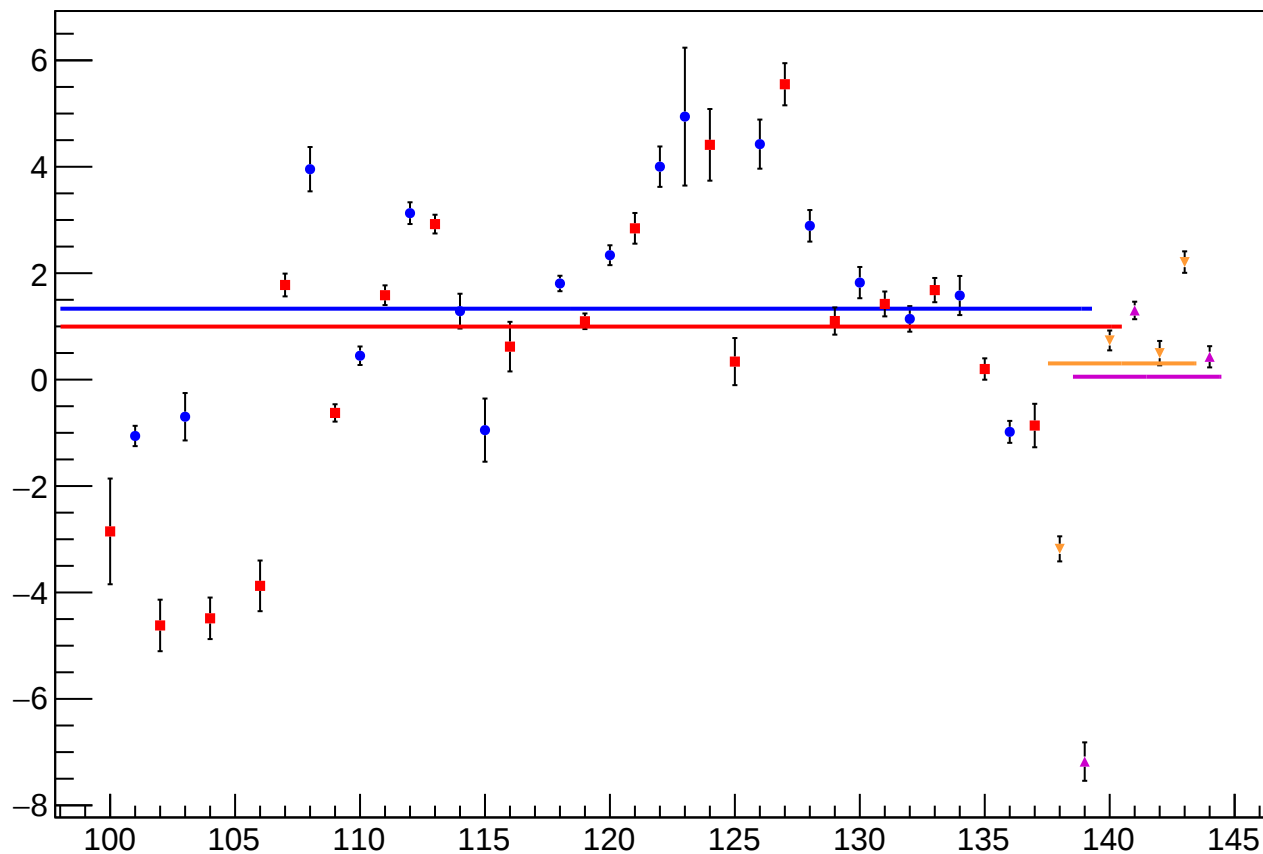
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.735+/-0.132 χ^2/NDF :1405.0/2

Out: -11.816+/-0.126 χ^2/NDF :846.0/3

All: -11.303+/-0.091 χ^2/NDF : 2286.0/6

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 0.304 $\pm$ 0.105 χ^2 /NDF:313.9/3

Right Out: 0.997 $\pm$ 0.058 χ^2 /NDF: 945.3/18

Left In: 0.054 $\pm$ 0.120 χ^2 /NDF:462.0/2

Left: 0.195 $\pm$ 0.079 χ^2 /NDF: 778.3/6

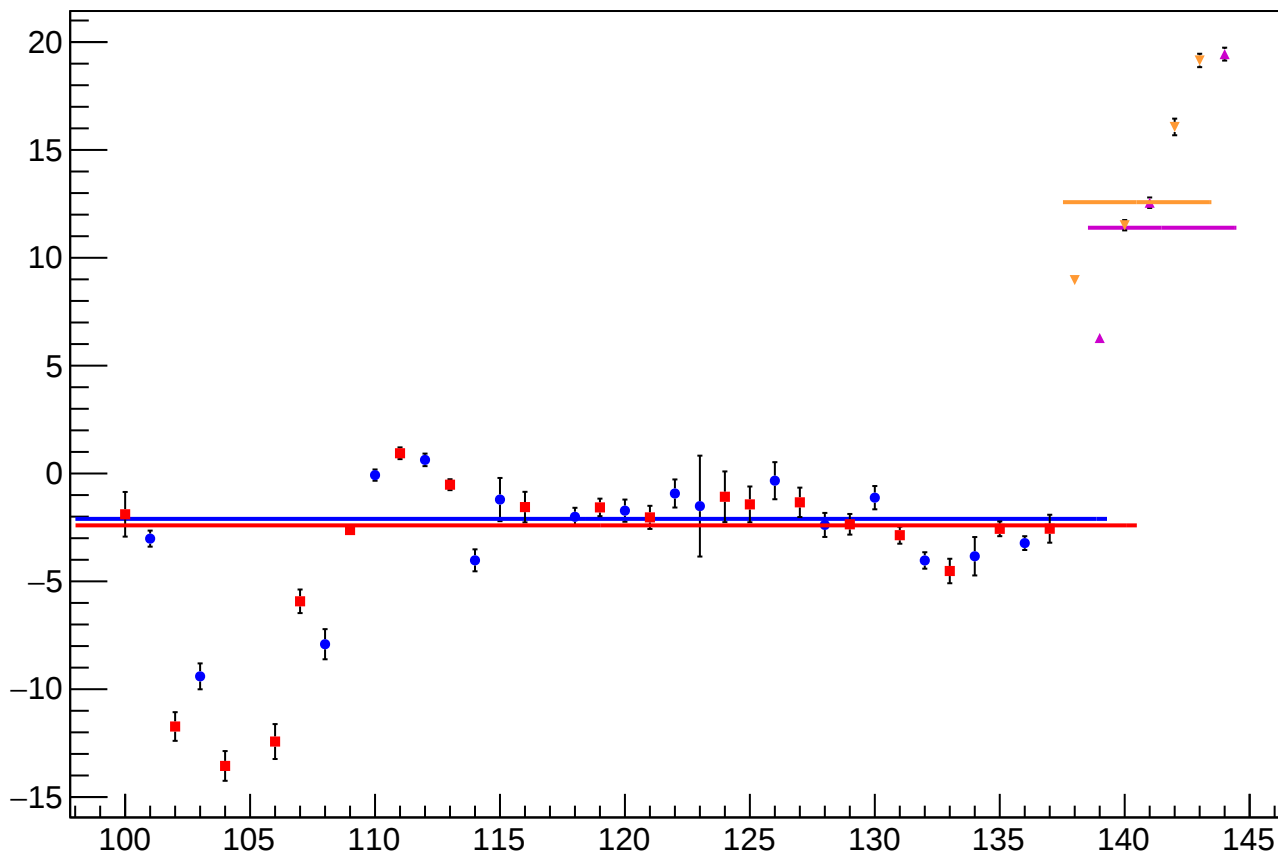
Right: 1.156 $\pm$ 0.042 χ^2 /NDF: 1595.8/35

In: 1.068 $\pm$ 0.054 χ^2 /NDF:1187.0/19

Out: 0.835 $\pm$ 0.051 χ^2 /NDF:1292.5/22

All: 0.944 $\pm$ 0.037 χ^2 /NDF: 2489.2/42

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 12.579 ± 0.135 $\chi^2/\text{NDF}: 812.4/3$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 11.393 ± 0.142 $\chi^2/\text{NDF}: 1307.2/2$

Left: 12.015 ± 0.098 $\chi^2/\text{NDF}: 2156.1/6$

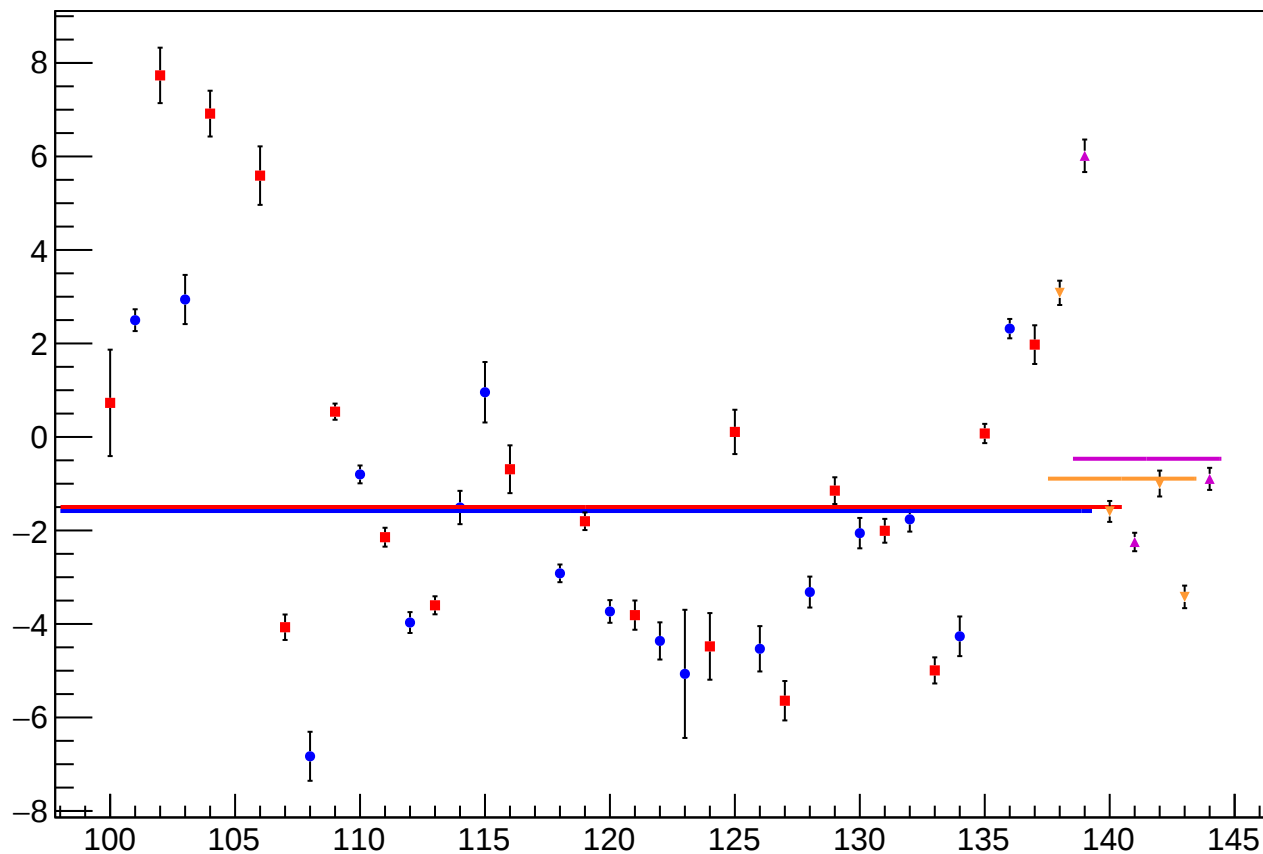
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 3.004 ± 0.087 $\chi^2/\text{NDF}: 7355.1/19$

Out: 2.808 ± 0.080 $\chi^2/\text{NDF}: 9705.4/22$

All: 2.897 ± 0.059 $\chi^2/\text{NDF}: 17063.2/42$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -0.892 ± 0.124 $\chi^2/\text{NDF}: 353.7/3$

Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$

Left In: -0.466 ± 0.139 $\chi^2/\text{NDF}: 431.8/2$

Left: -0.703 ± 0.092 $\chi^2/\text{NDF}: 790.8/6$

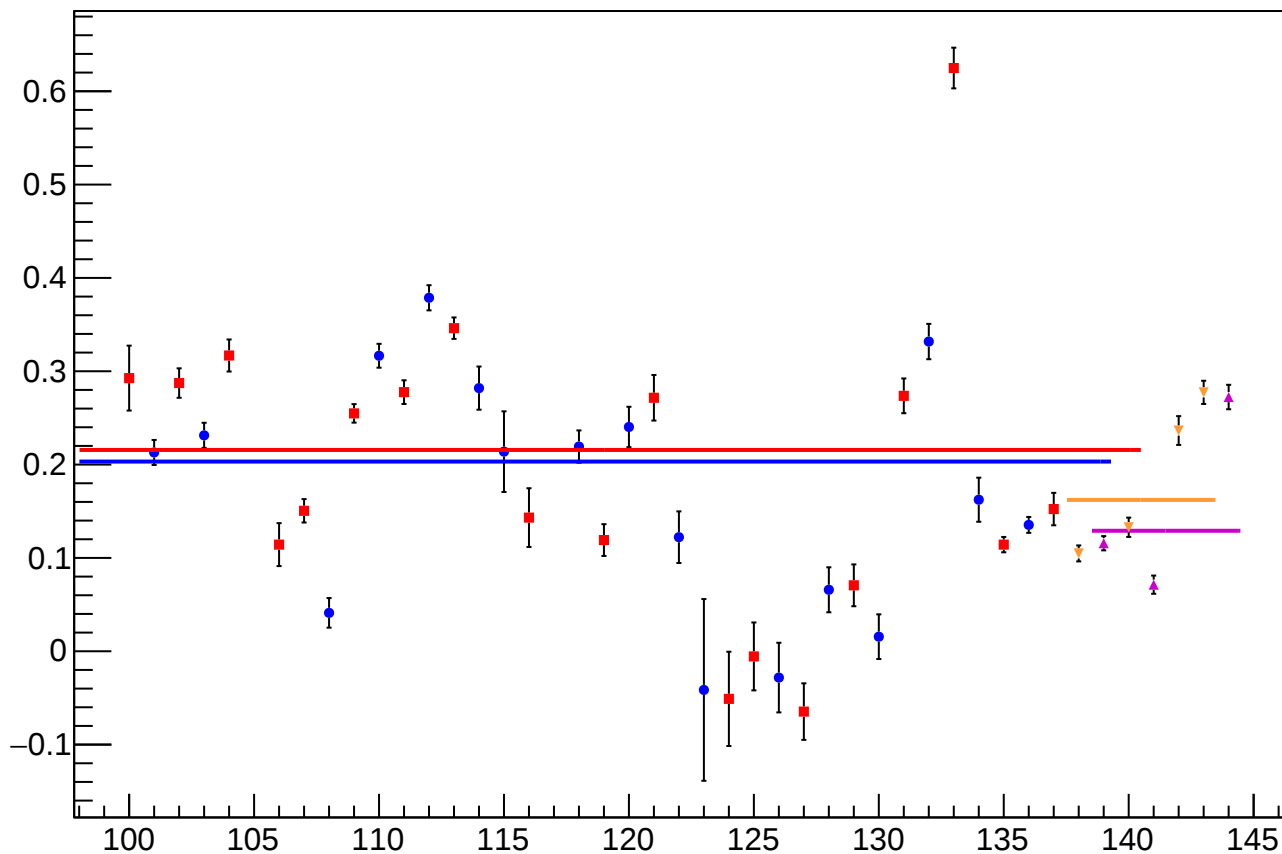
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -1.355 ± 0.063 $\chi^2/\text{NDF}: 1755.6/19$

Out: -1.366 ± 0.058 $\chi^2/\text{NDF}: 1876.1/22$

All: -1.361 ± 0.043 $\chi^2/\text{NDF}: 3631.7/42$

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: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.129 $\pm$ 0.005 χ^2 /NDF:157.6/2

Left: 0.146 $\pm$ 0.004 χ^2 /NDF: 338.1/6

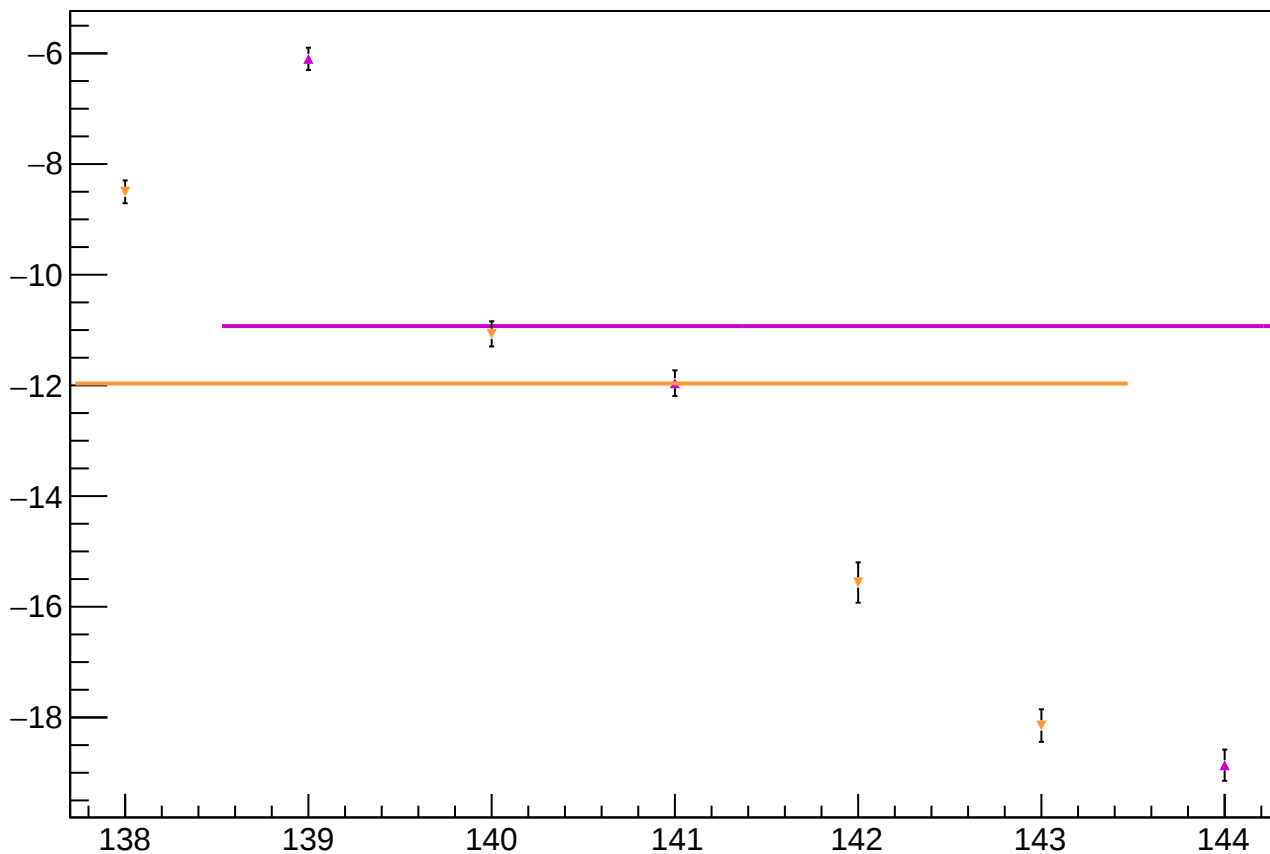
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.176 $\pm$ 0.003 χ^2 /NDF:907.5/19

Out: 0.199 $\pm$ 0.003 χ^2 /NDF:1266.4/22

All: 0.188 $\pm$ 0.002 χ^2 /NDF: 2199.4/42

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: -10.928+/-0.134 χ^2/NDF :1383.1/2

Left: -11.474+/-0.092 χ^2/NDF : 2249.5/6

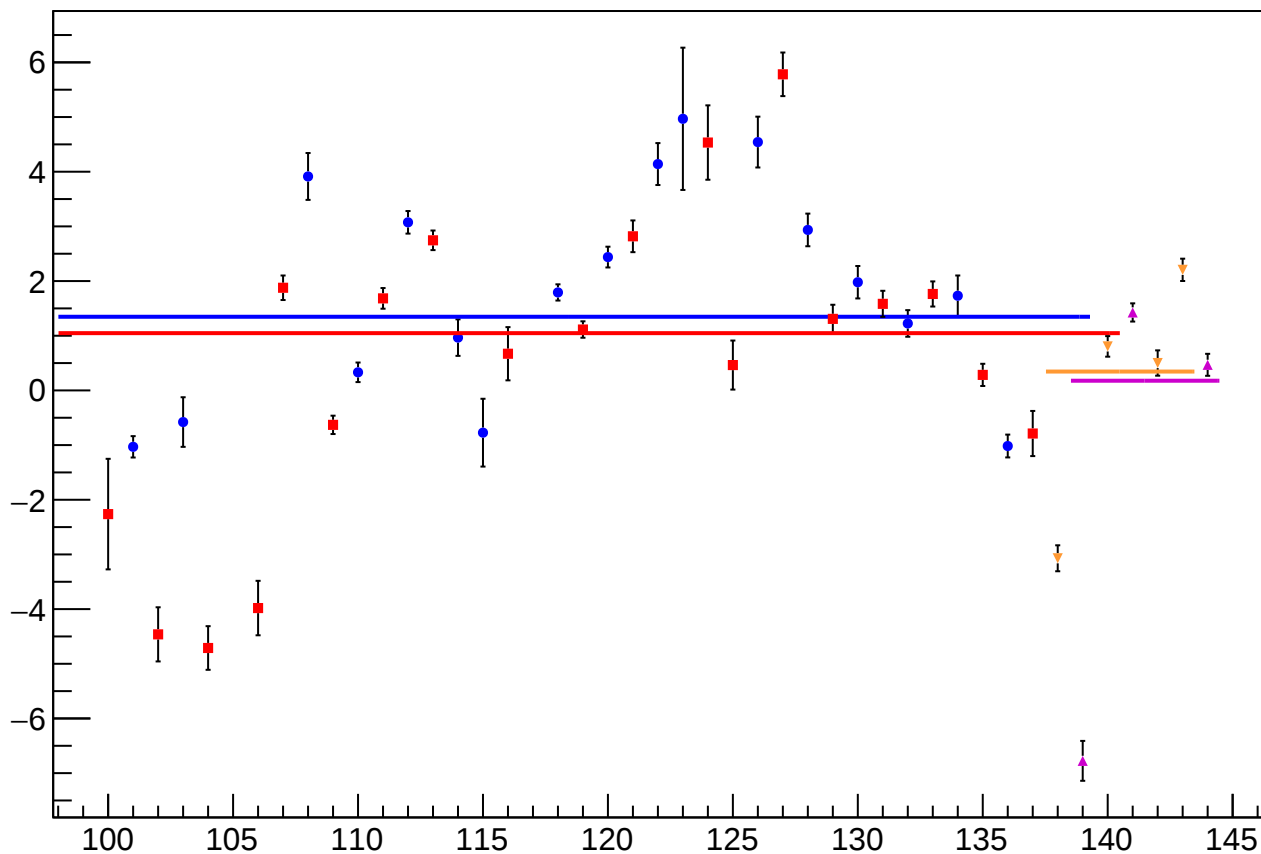
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.928+/-0.134 χ^2/NDF :1383.1/2

Out: -11.966+/-0.127 χ^2/NDF :834.8/3

All: -11.474+/-0.092 χ^2/NDF : 2249.5/6

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 0.345 $\pm$ 0.106 χ^2 /NDF:296.3/3

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 0.177 $\pm$ 0.121 χ^2 /NDF:421.5/2

Left: 0.272 $\pm$ 0.080 χ^2 /NDF: 718.9/6

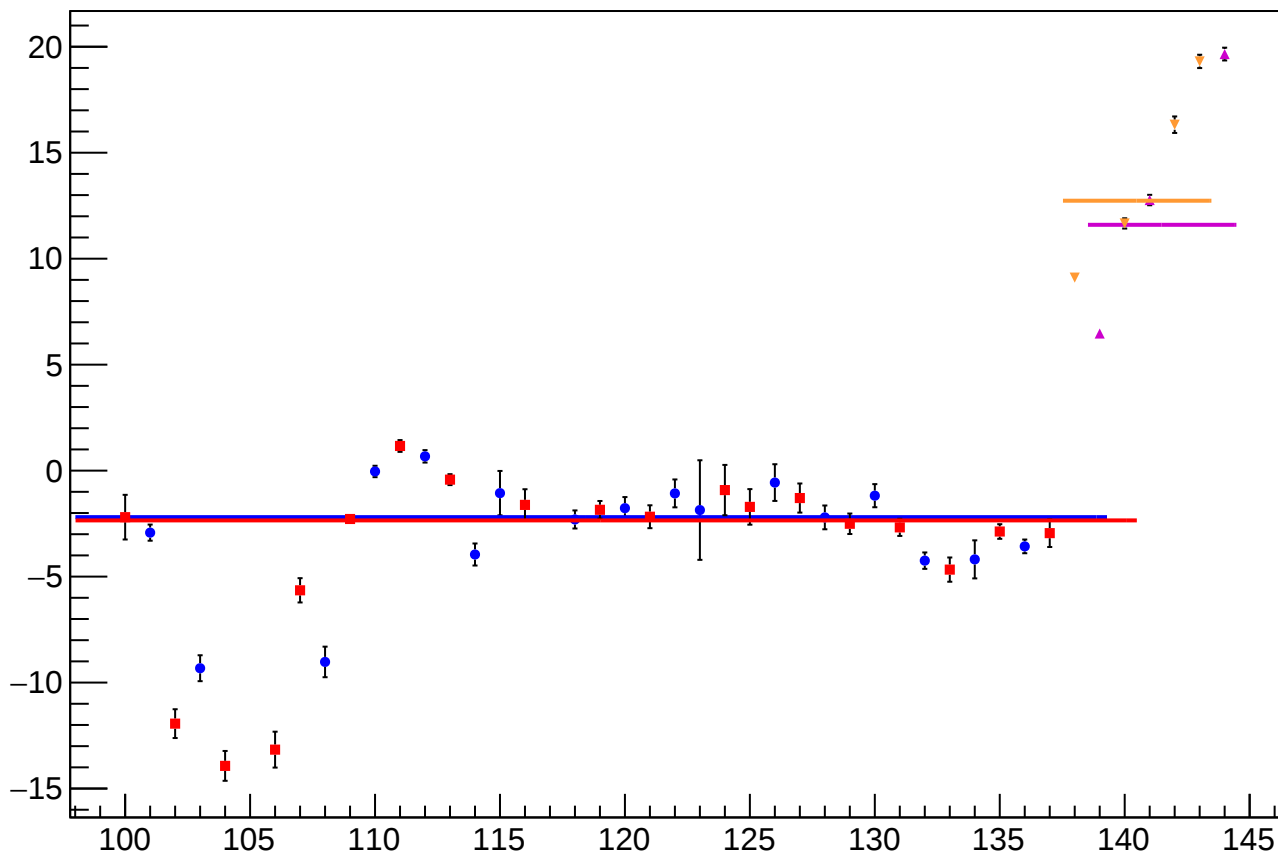
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 1.102 $\pm$ 0.055 χ^2 /NDF:1125.5/19

Out: 0.881 $\pm$ 0.052 χ^2 /NDF:1245.7/22

All: 0.984 $\pm$ 0.038 χ^2 /NDF: 2379.7/42

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 12.735 ± 0.137 $\chi^2/\text{NDF}: 803.3/3$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 11.598 ± 0.144 $\chi^2/\text{NDF}: 1288.1/2$

Left: 12.195 ± 0.099 $\chi^2/\text{NDF}: 2124.3/6$

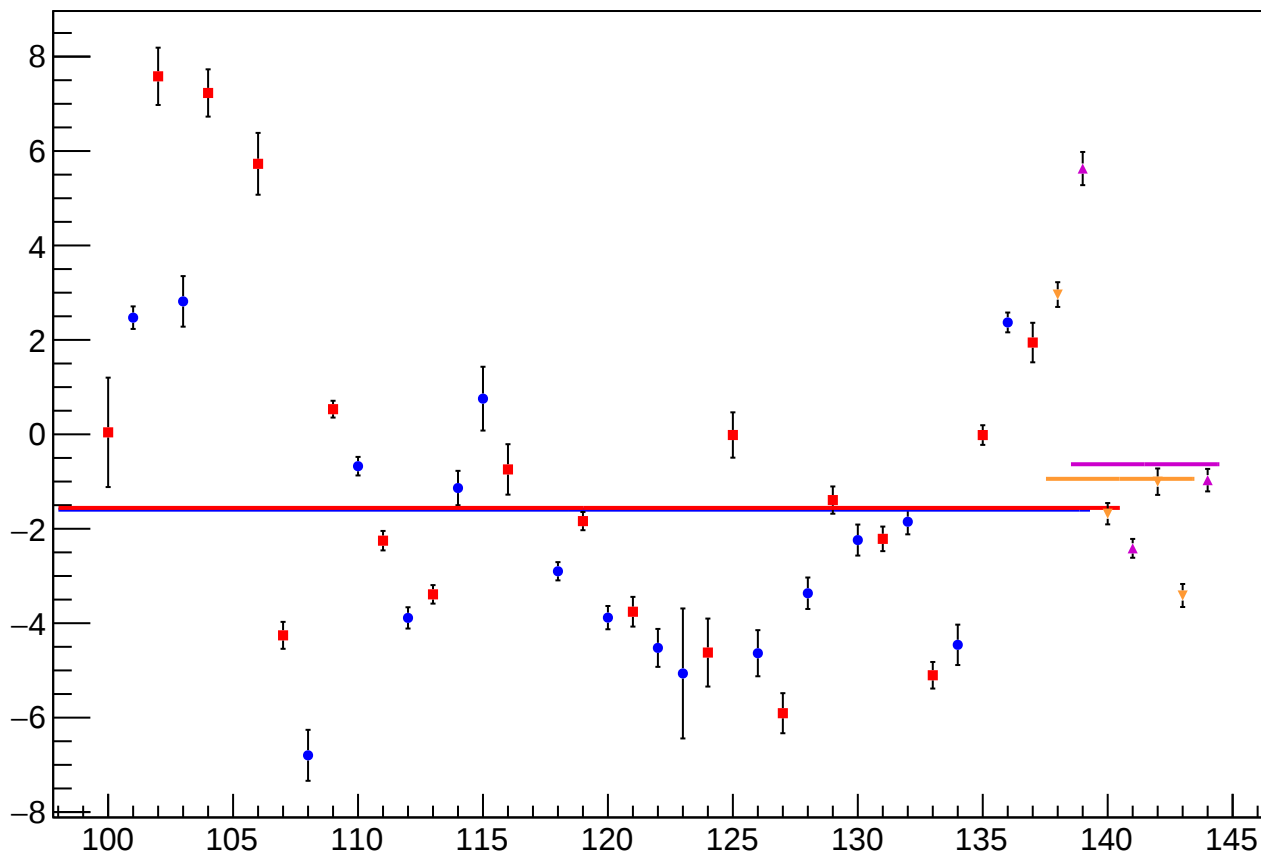
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 3.071 ± 0.089 $\chi^2/\text{NDF}: 7454.0/19$

Out: 2.978 ± 0.081 $\chi^2/\text{NDF}: 9607.7/22$

All: 3.021 ± 0.060 $\chi^2/\text{NDF}: 17062.3/42$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -0.942 ± 0.125 χ^2/NDF : 335.1/3

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -0.633 ± 0.140 χ^2/NDF : 399.1/2

Left: -0.805 ± 0.093 χ^2/NDF : 736.9/6

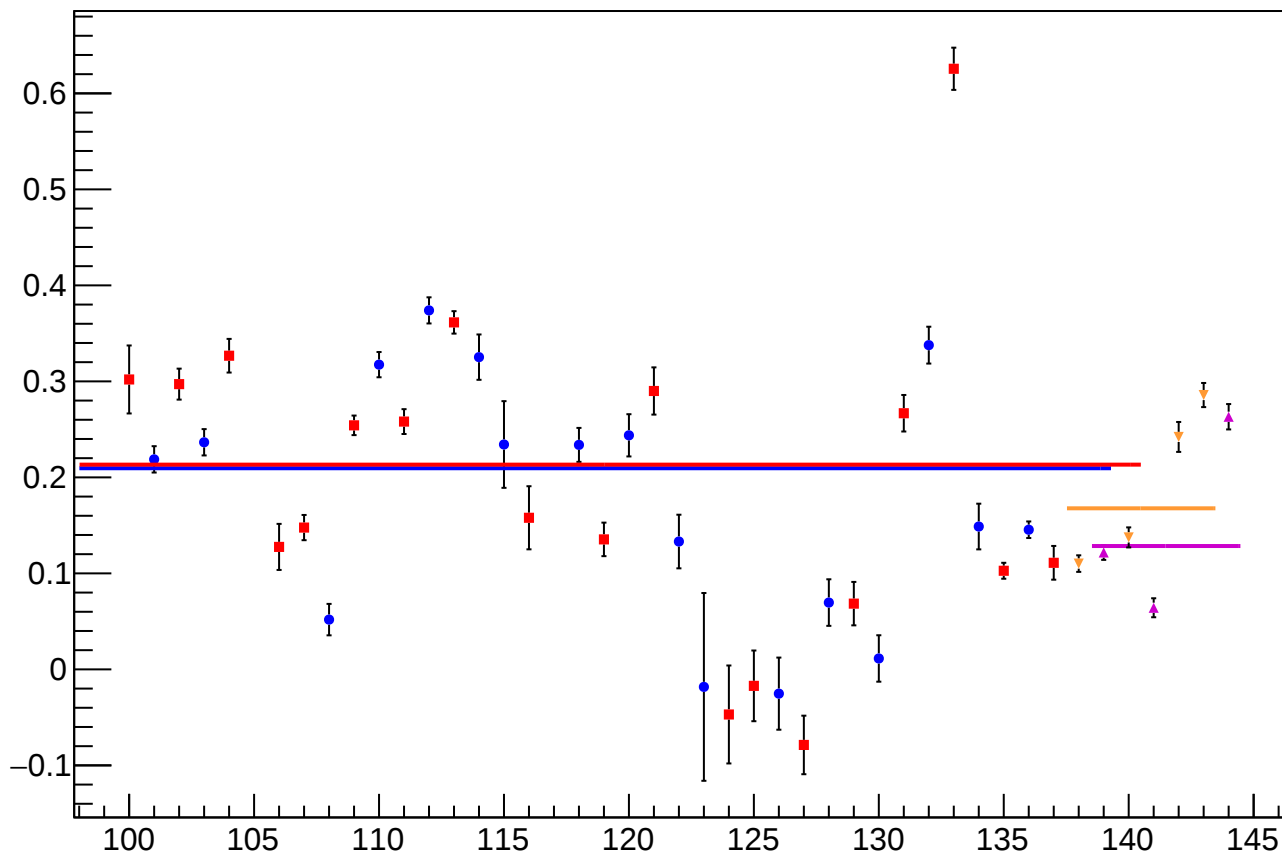
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.396 ± 0.064 χ^2/NDF : 1691.8/19

Out: -1.422 ± 0.059 χ^2/NDF : 1817.7/22

All: -1.410 ± 0.043 χ^2/NDF : 3509.6/42

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.168 $\pm$ 0.005 χ^2 /NDF:163.8/3

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.128 $\pm$ 0.006 χ^2 /NDF:146.9/2

Left: 0.148 $\pm$ 0.004 χ^2 /NDF: 336.1/6

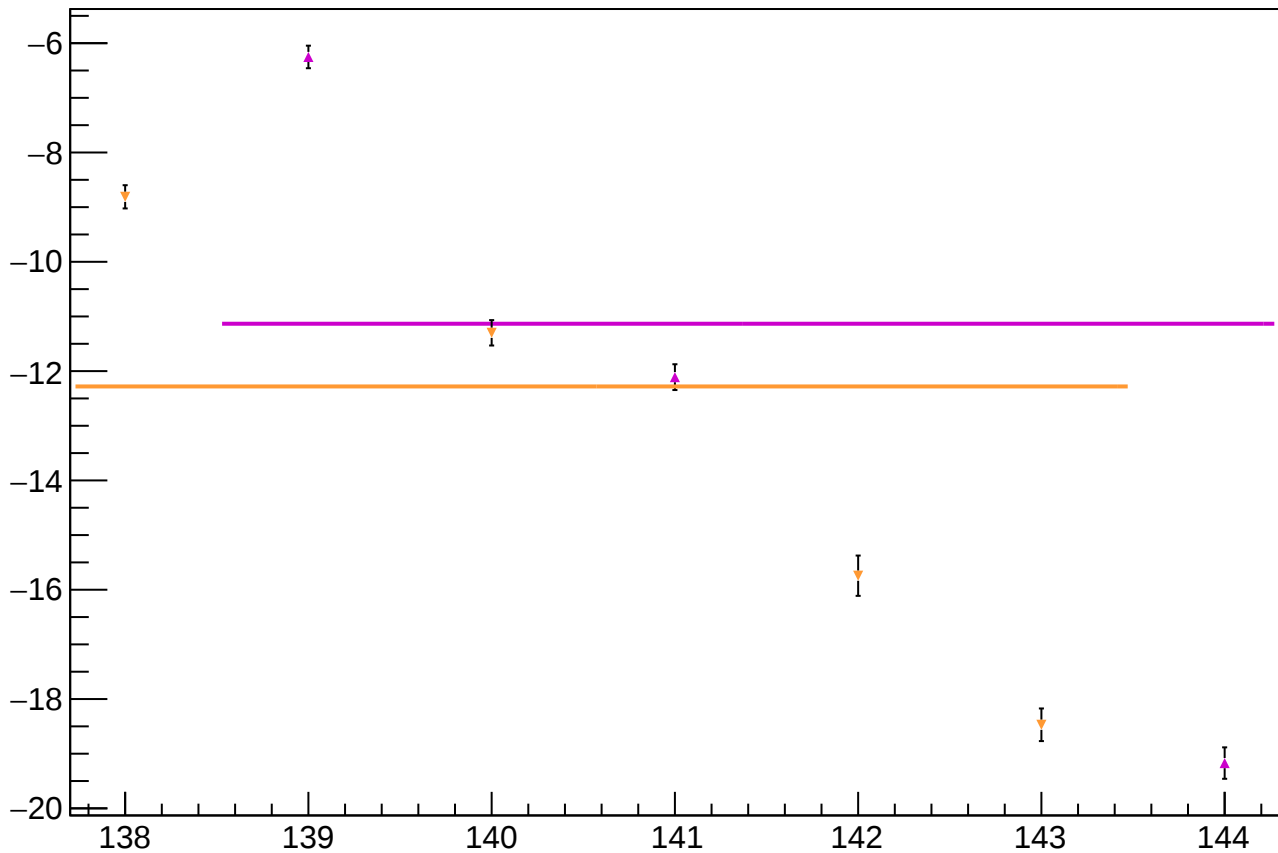
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.180 $\pm$ 0.003 χ^2 /NDF:880.8/19

Out: 0.199 $\pm$ 0.003 χ^2 /NDF:1313.8/22

All: 0.190 $\pm$ 0.002 χ^2 /NDF: 2212.0/42

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: -11.133+/-0.137 χ^2/NDF :1358.3/2

Left: -11.736+/-0.094 χ^2/NDF : 2197.9/6

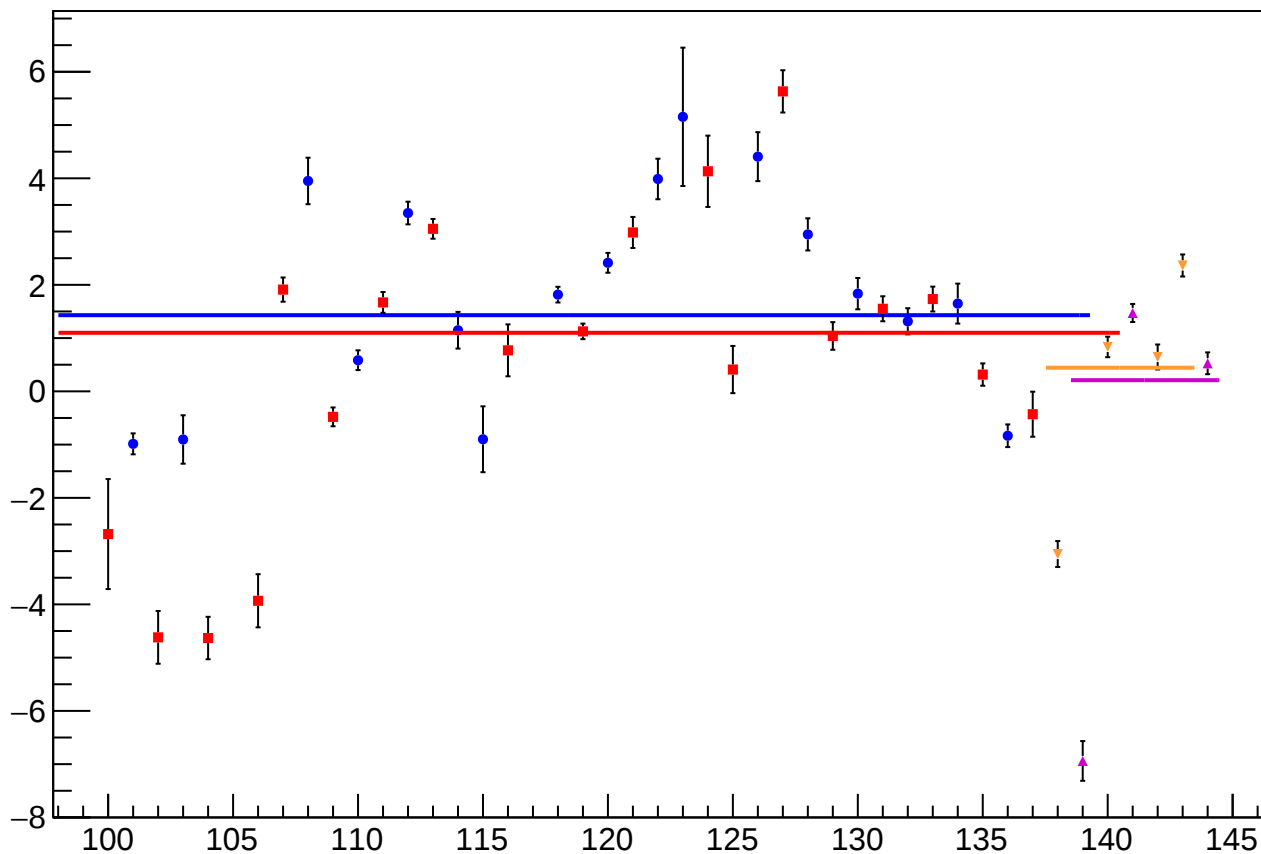
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.133+/-0.137 χ^2/NDF :1358.3/2

Out: -12.281+/-0.130 χ^2/NDF :802.6/3

All: -11.736+/-0.094 χ^2/NDF : 2197.9/6

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 0.444 ± 0.108 χ^2/NDF : 297.3/3

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 0.209 ± 0.123 χ^2/NDF : 425.2/2

Left: 0.342 ± 0.081 χ^2/NDF : 724.6/6

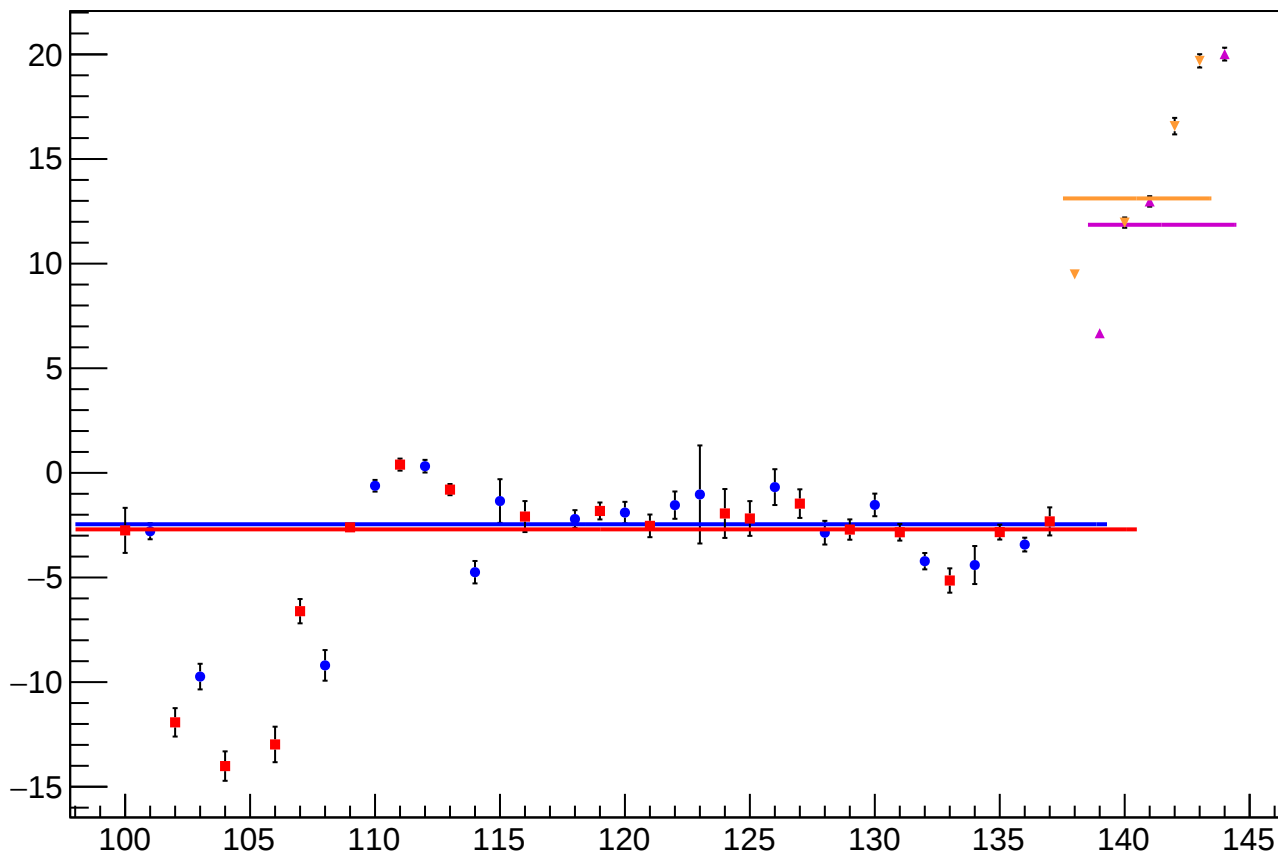
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.179 ± 0.056 χ^2/NDF : 1101.1/19

Out: 0.946 ± 0.052 χ^2/NDF : 1226.5/22

All: 1.055 ± 0.038 χ^2/NDF : 2336.8/42

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 $\chi^2/\text{NDF}: 419.1/16$

Left Out: 13.116 ± 0.140 $\chi^2/\text{NDF}: 772.1/3$

Right Out: -2.700 ± 0.103 $\chi^2/\text{NDF}: 829.7/18$

Left In: 11.857 ± 0.147 $\chi^2/\text{NDF}: 1263.4/2$

Left: 12.518 ± 0.101 $\chi^2/\text{NDF}: 2074.2/6$

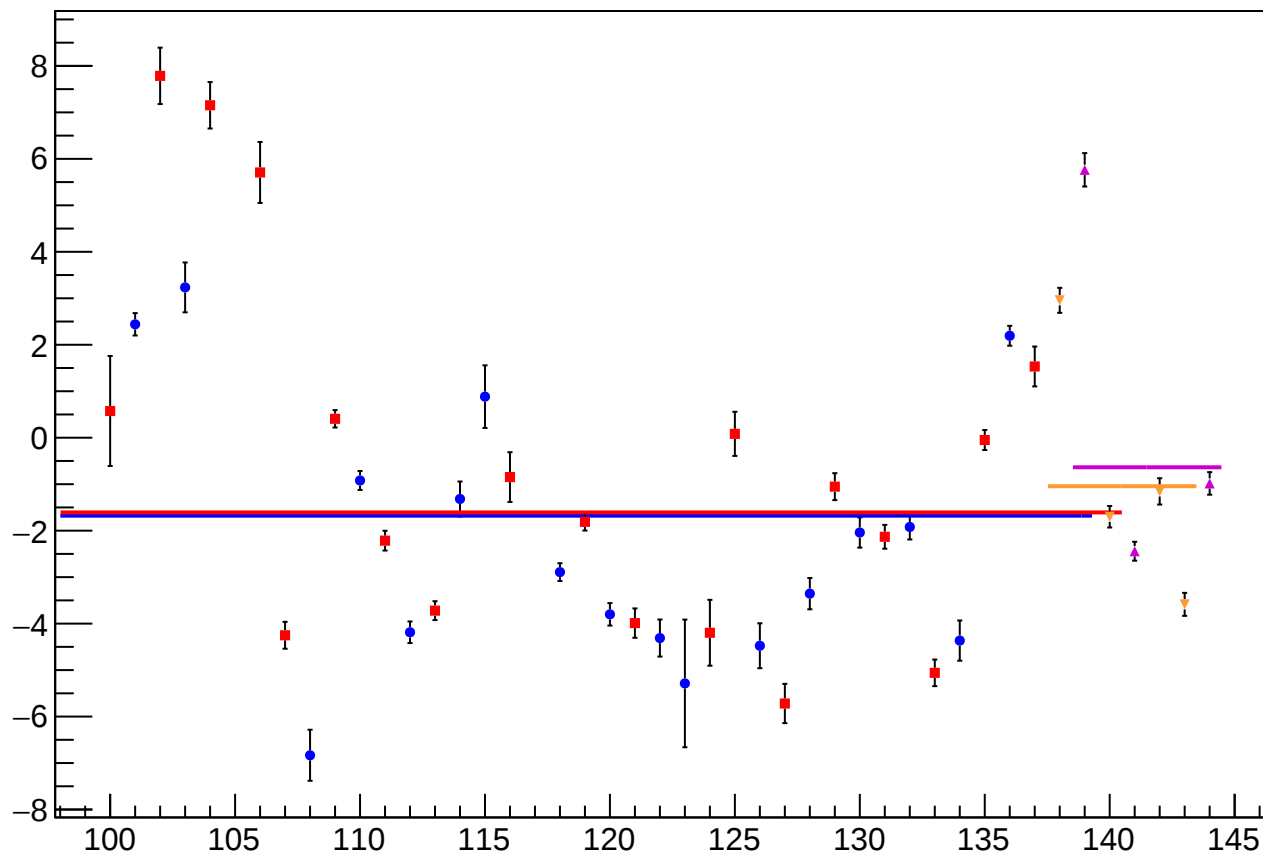
Right: -2.591 ± 0.077 $\chi^2/\text{NDF}: 1251.4/35$

In: 2.972 ± 0.090 $\chi^2/\text{NDF}: 7602.6/19$

Out: 2.885 ± 0.083 $\chi^2/\text{NDF}: 9914.7/22$

All: 2.925 ± 0.061 $\chi^2/\text{NDF}: 17517.8/42$

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: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -0.636 ± 0.143 χ^2/NDF : 398.3/2

Left: -0.863 ± 0.095 χ^2/NDF : 737.9/6

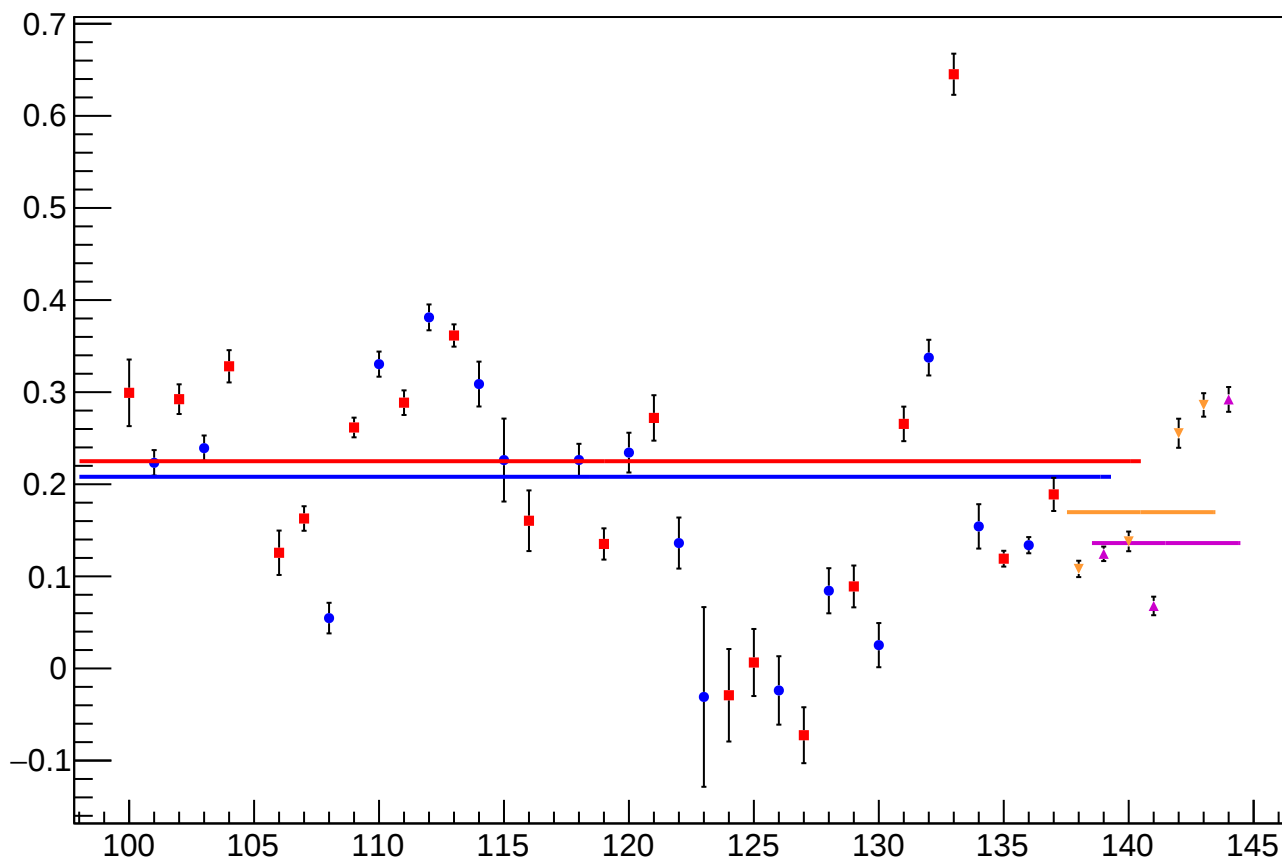
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.464 ± 0.065 χ^2/NDF : 1645.2/19

Out: -1.483 ± 0.060 χ^2/NDF : 1781.1/22

All: -1.474 ± 0.044 χ^2/NDF : 3426.3/42

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.170 $\pm$ 0.006 χ^2 /NDF:169.9/3

Right Out: 0.225 $\pm$ 0.004 χ^2 /NDF: 1000.0/18

Left In: 0.136 $\pm$ 0.006 χ^2 /NDF:182.4/2

Left: 0.153 $\pm$ 0.004 χ^2 /NDF: 370.0/6

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1609.0/35

In: 0.182 $\pm$ 0.003 χ^2 /NDF:886.3/19

Out: 0.207 $\pm$ 0.003 χ^2 /NDF:1236.0/22

All: 0.196 $\pm$ 0.002 χ^2 /NDF: 2152.6/42