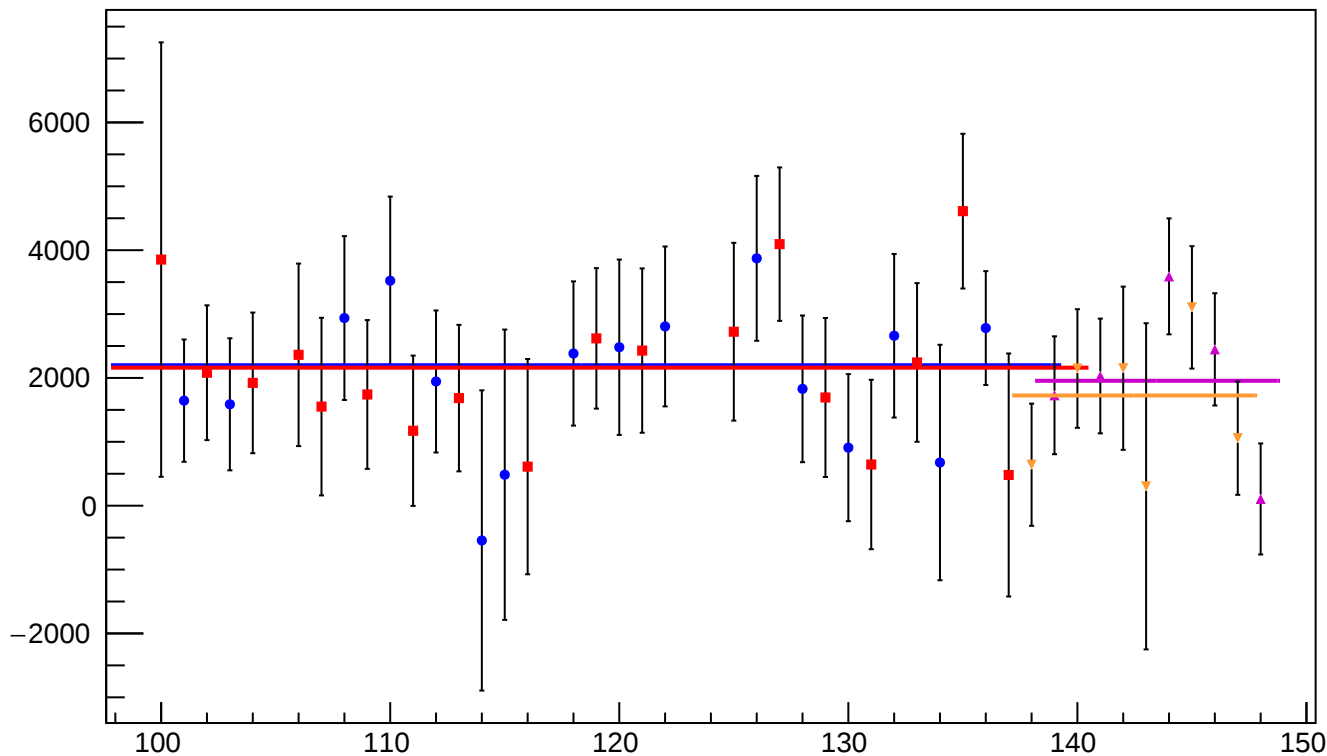


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1725.286+/-431.173

Right Out: 2160.742+/-303.587

Left In: 1955.557+/-400.099

χ^2/NDF : 8.6/15

χ^2/NDF : 4.6/5

χ^2/NDF : 11.7/17

χ^2/NDF : 8.2/4

Left: 1849.017+/-293.283

Right: 2179.612+/-215.784

In: 2108.795+/-243.445

Out: 2016.415+/-248.230

All: 2063.504+/-173.808

χ^2/NDF : 12.9/10

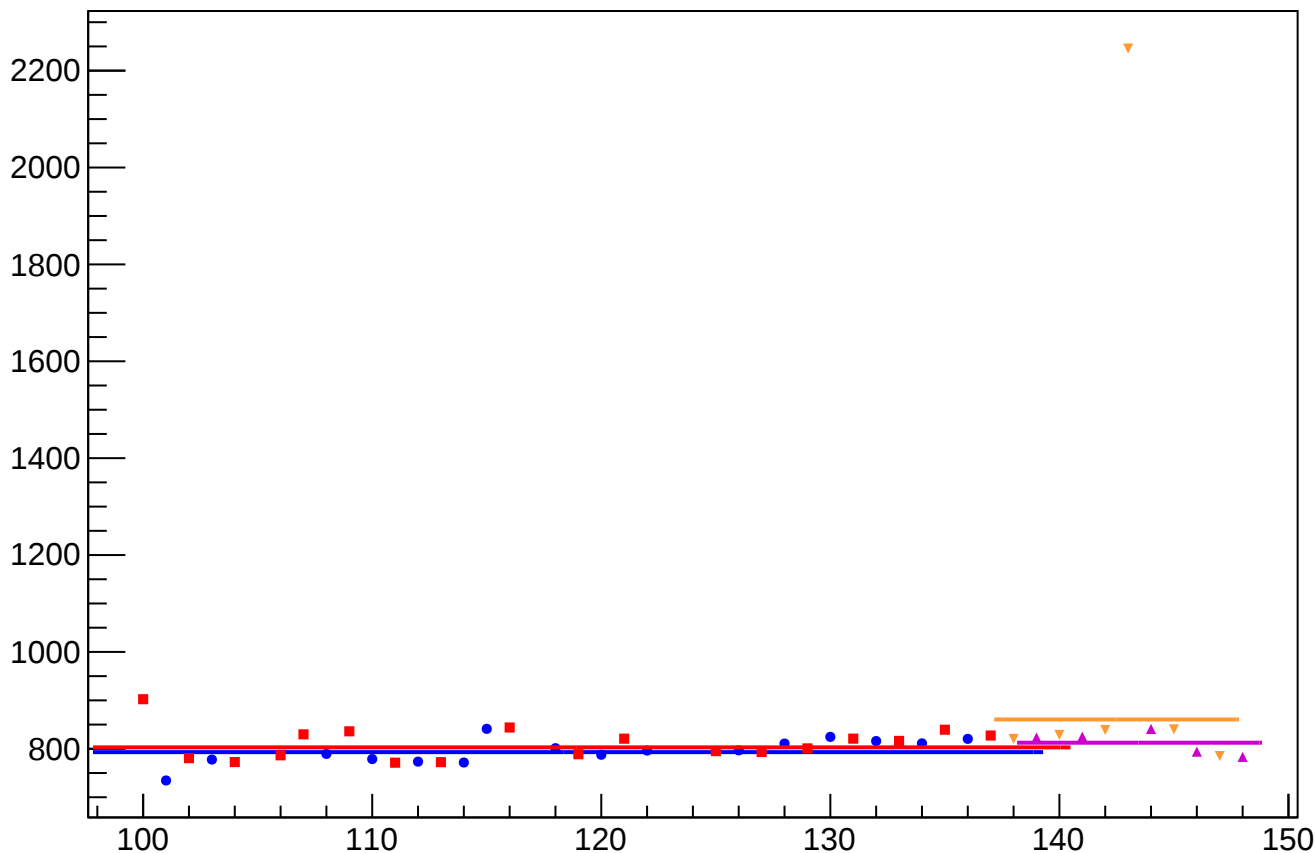
χ^2/NDF : 20.3/33

χ^2/NDF : 17.0/20

χ^2/NDF : 16.9/23

χ^2/NDF : 33.9/44

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091 $\pm$ 0.217 χ^2 /NDF: 14703.0/15

Left Out: 860.546 $\pm$ 0.305 χ^2 /NDF: 610525.8/5

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

Left In: 812.571 $\pm$ 0.283 χ^2 /NDF: 5756.7/4

Left: 834.767 $\pm$ 0.207 χ^2 /NDF: 629587.1/10

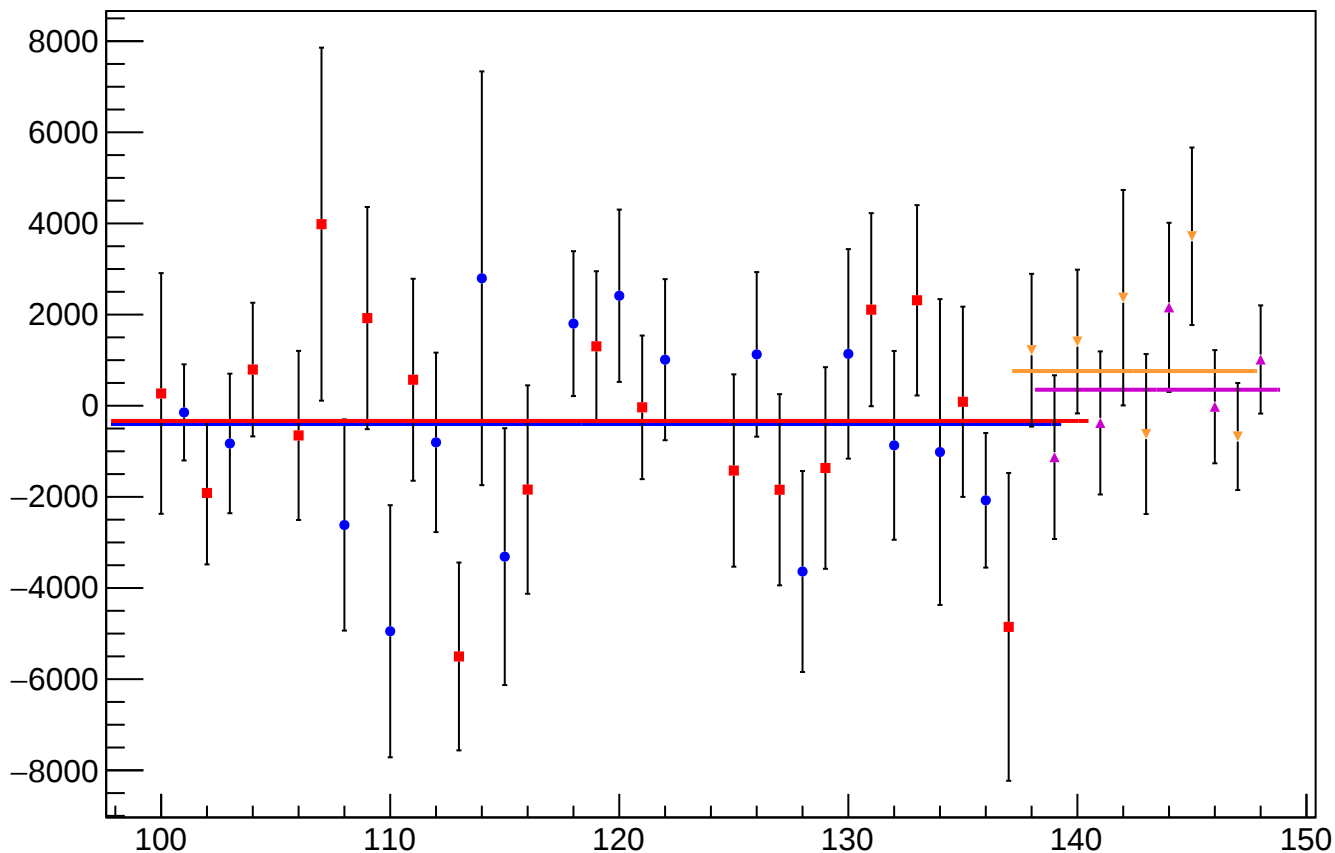
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

In: 800.303 $\pm$ 0.172 χ^2 /NDF: 23445.5/20

Out: 822.037 $\pm$ 0.176 χ^2 /NDF: 648833.4/23

All: 810.958 $\pm$ 0.123 χ^2 /NDF: 680094.2/44

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 760.933+/-666.527 χ^2/NDF : 5.1/5

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

Left In: 351.358+/-650.425 χ^2/NDF : 2.2/4

Left: 551.138+/-465.508 χ^2/NDF : 7.6/10

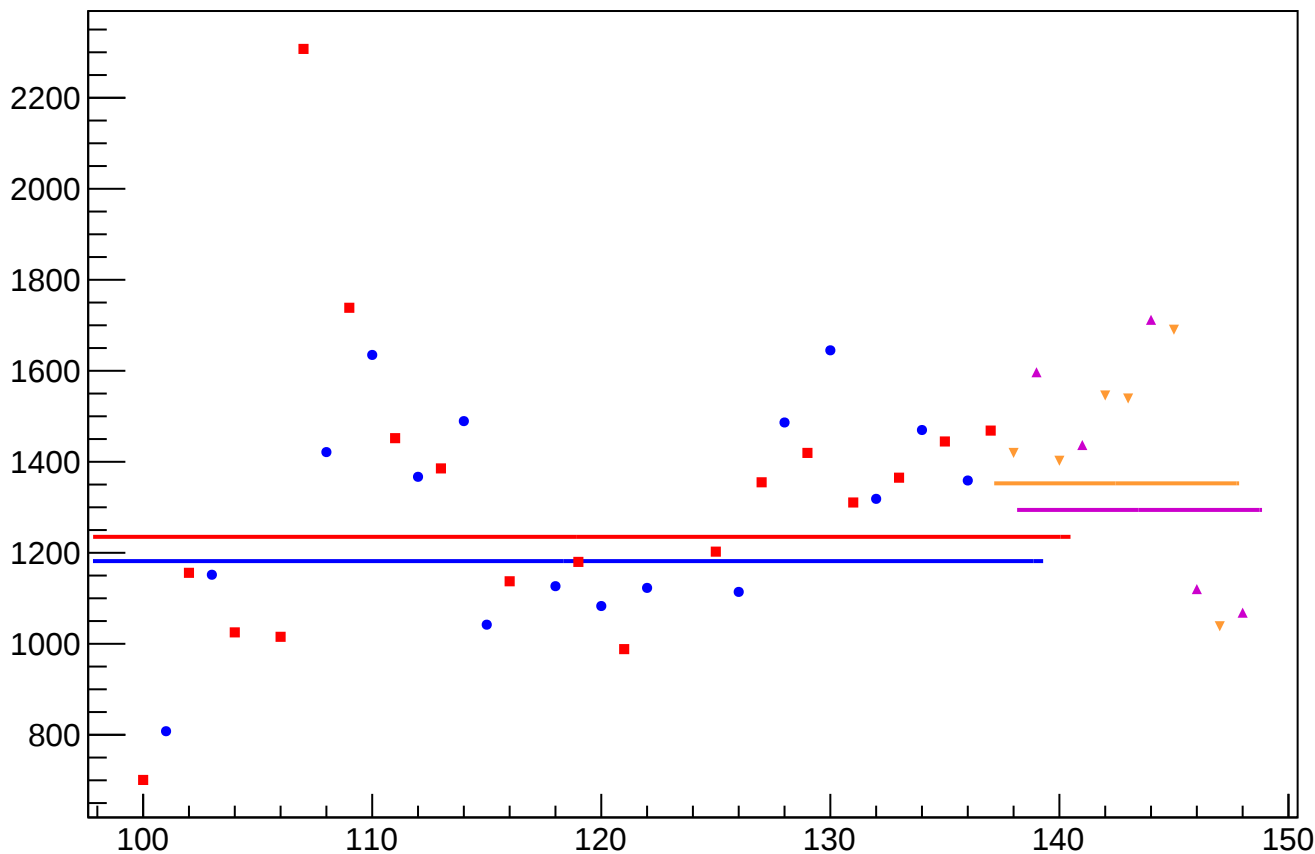
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

In: -144.179+/-380.240 χ^2/NDF : 17.9/20

Out: 38.363+/-388.693 χ^2/NDF : 24.4/23

All: -54.914+/-271.810 χ^2/NDF : 42.4/44

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1352.645+/-0.471 χ^2/NDF :244322.5/5

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

Left In: 1294.244+/-0.460 χ^2/NDF :286270.3/4

Left: 1322.730+/-0.329 χ^2/NDF : 538457.9/10

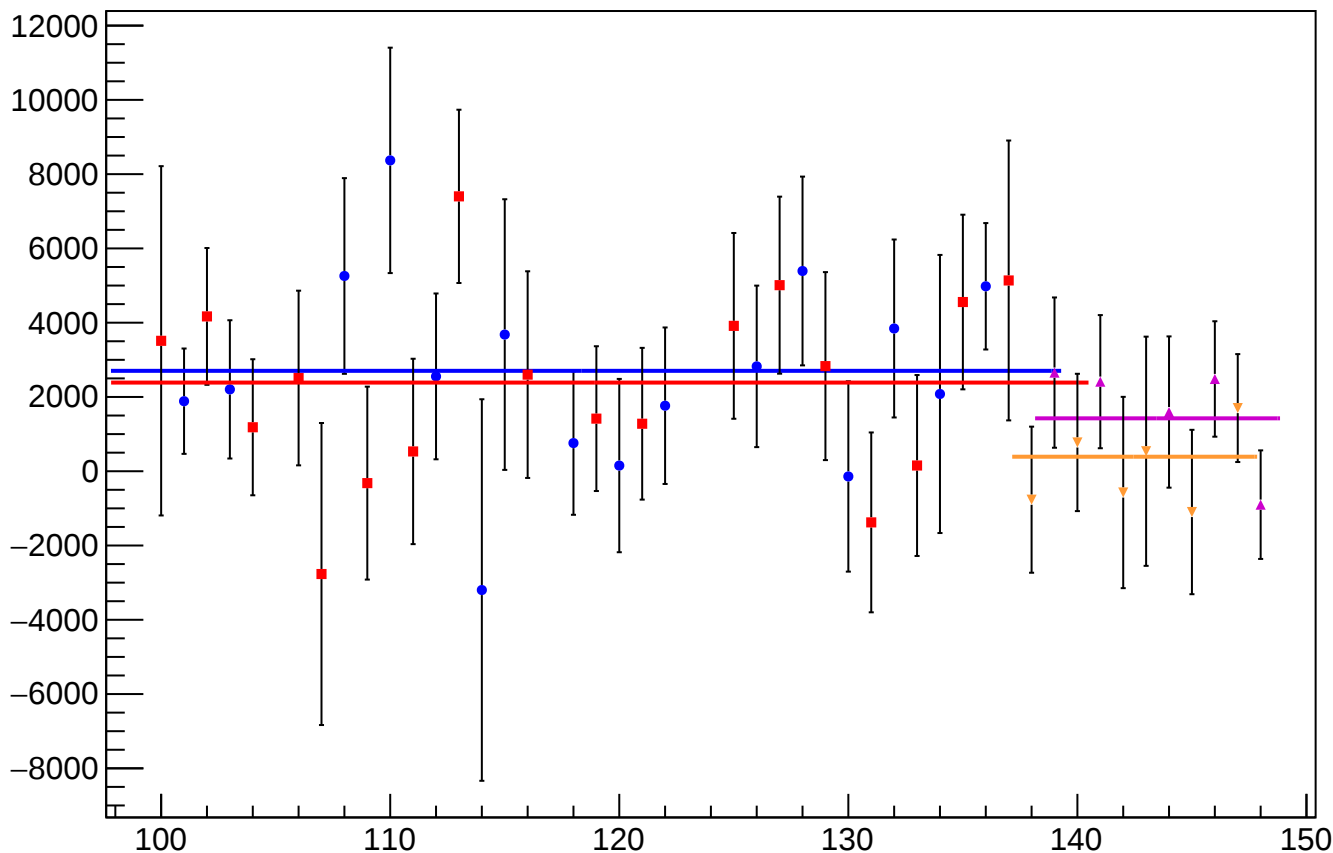
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

In: 1220.207+/-0.269 χ^2/NDF :869132.0/20

Out: 1275.070+/-0.275 χ^2/NDF :825627.7/23

All: 1247.036+/-0.192 χ^2/NDF : 1715120.4/44

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 390.951+/-820.744 χ^2/NDF : 1.8/5

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

Left In: 1424.485+/-771.854 χ^2/NDF : 3.7/4

Left: 939.416+/-562.273 χ^2/NDF : 6.3/10

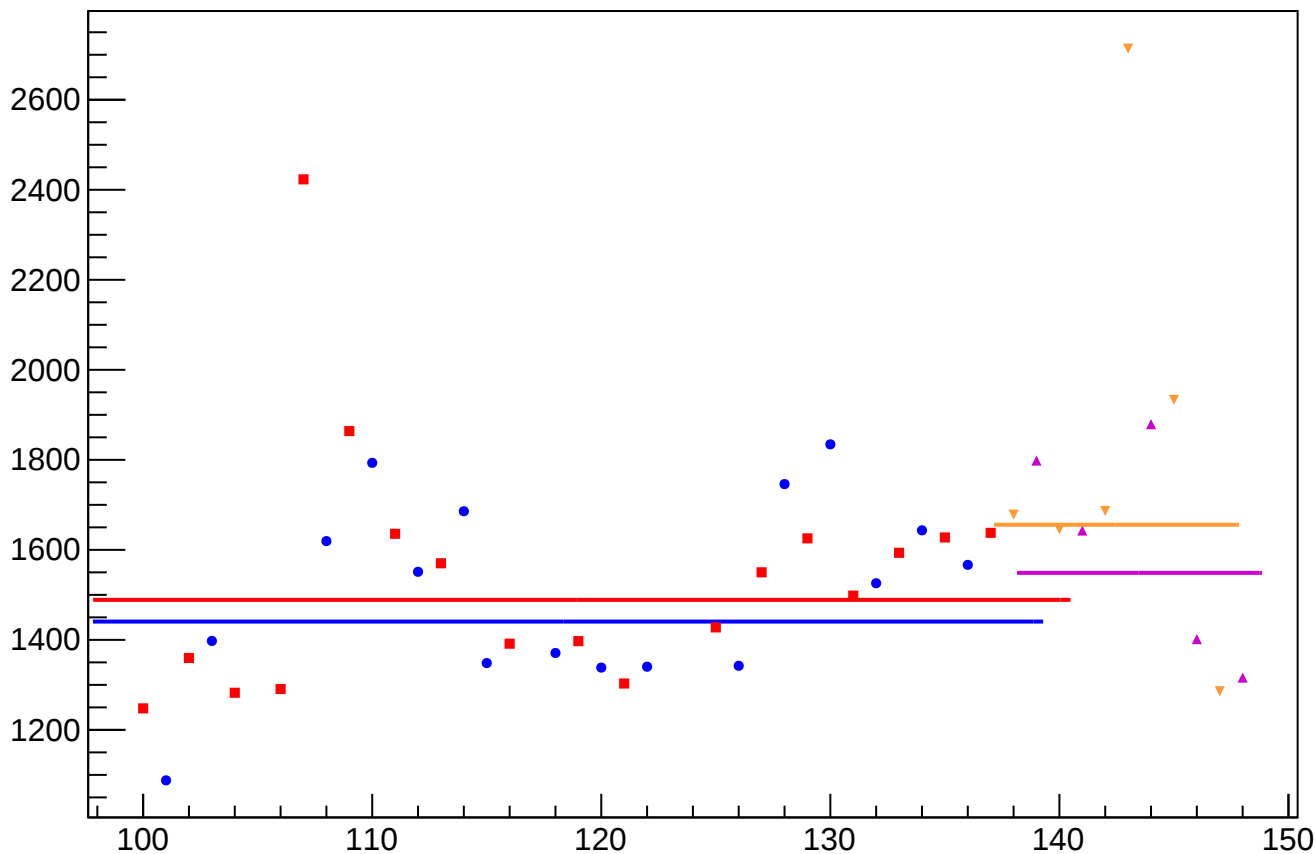
Right: 2546.843+/-400.838 χ^2/NDF : 29.3/33

In: 2257.901+/-455.648 χ^2/NDF : 18.5/20

Out: 1738.884+/-467.763 χ^2/NDF : 21.9/23

All: 2005.201+/-326.391 χ^2/NDF : 41.0/44

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1655.770 $\pm$ 0.580 χ^2/NDF : 396600.9/5

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

Left In: 1548.889 $\pm$ 0.546 χ^2/NDF : 157171.3/4

Left: 1599.051 $\pm$ 0.398 χ^2/NDF : 571771.0/10

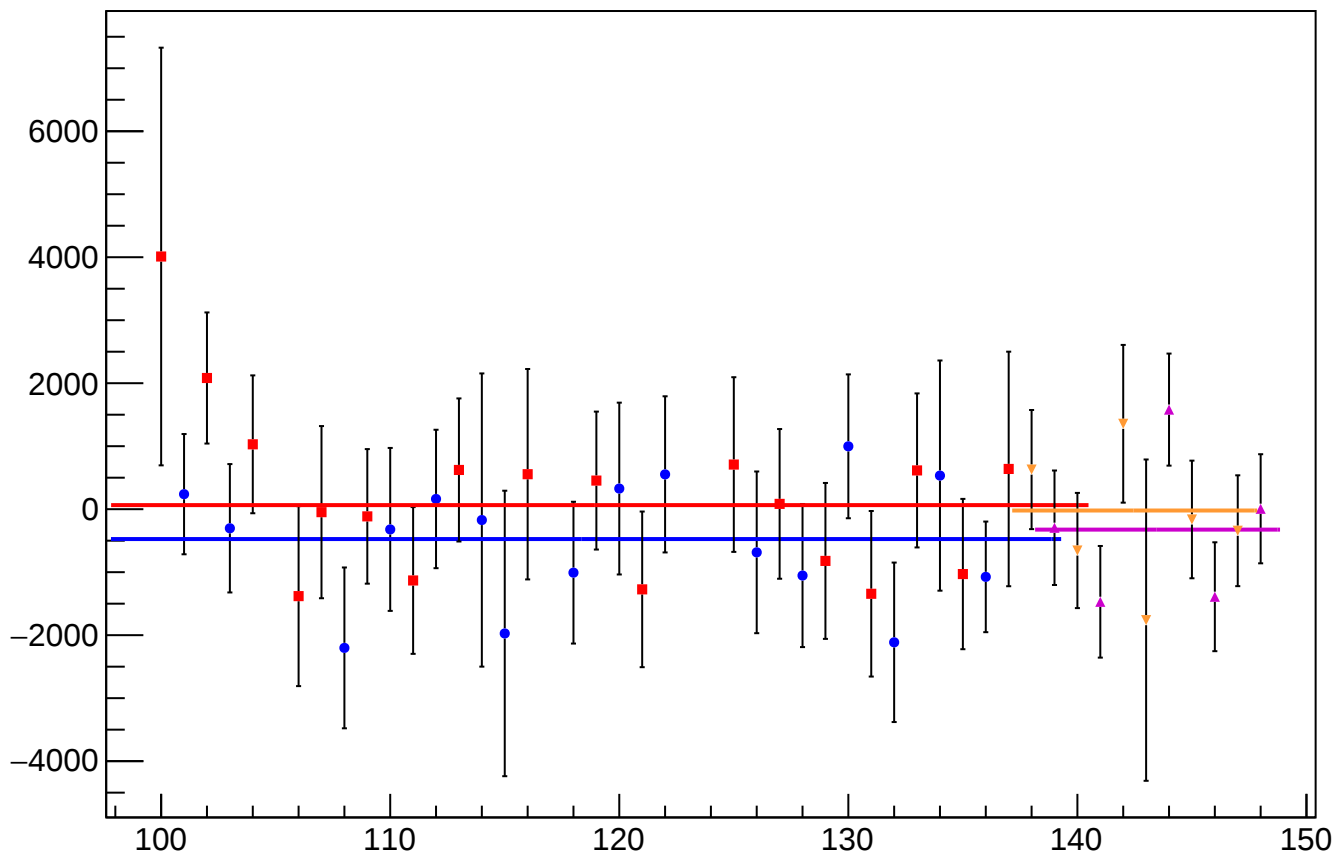
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1478.372 $\pm$ 0.322 χ^2/NDF : 465056.6/20

Out: 1543.132 $\pm$ 0.331 χ^2/NDF : 709234.9/23

All: 1509.902 $\pm$ 0.231 χ^2/NDF : 1193961.8/44

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -20.919 ± 424.686 χ^2/NDF : 2.8/5

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

Left In: -324.378 ± 394.666 χ^2/NDF : 7.9/4

Left: -183.752 ± 289.102 χ^2/NDF : 11.0/10

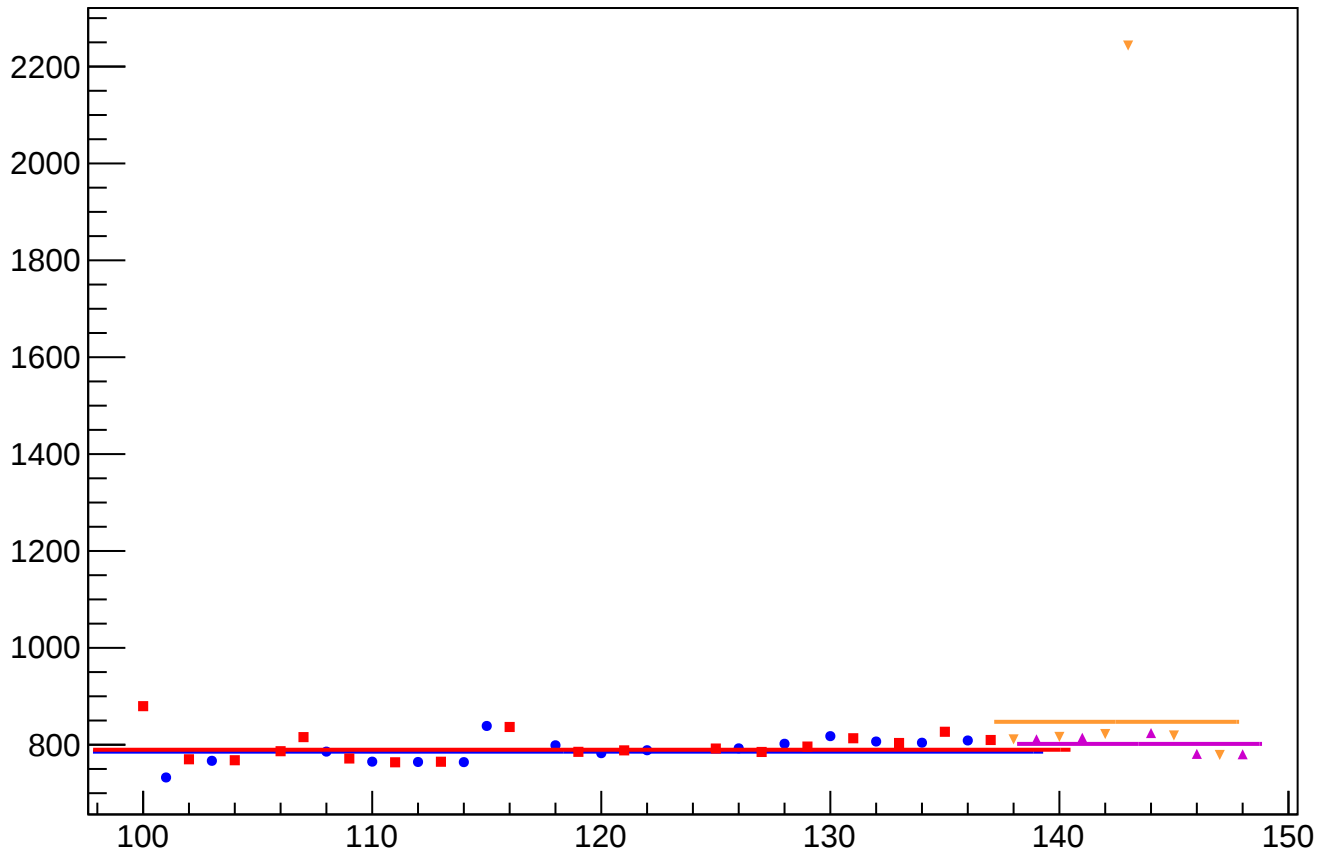
Right: -199.789 ± 212.921 χ^2/NDF : 23.2/33

In: -418.389 ± 240.794 χ^2/NDF : 16.9/20

Out: 36.391 ± 244.153 χ^2/NDF : 15.5/23

All: -194.149 ± 171.442 χ^2/NDF : 34.2/44

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 847.337+/-0.300 χ^2/NDF : 619200.5/5

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

Left In: 801.743+/-0.279 χ^2/NDF : 4251.4/4

Left: 822.872+/-0.204 χ^2/NDF : 635821.8/10

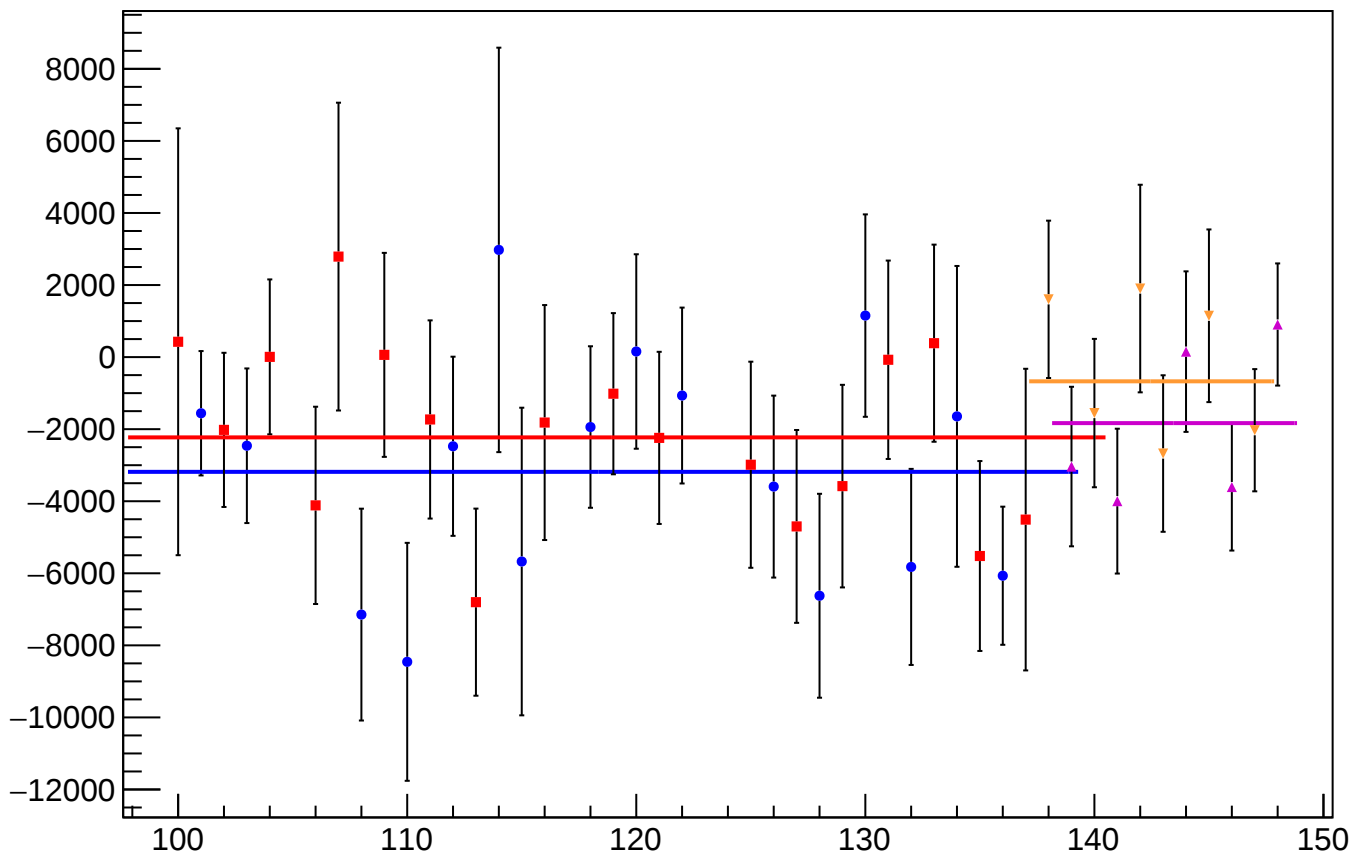
Right: 787.746+/-0.151 χ^2/NDF : 25101.7/33

In: 791.700+/-0.170 χ^2/NDF : 20235.6/20

Out: 808.733+/-0.173 χ^2/NDF : 654894.7/23

All: 800.099+/-0.121 χ^2/NDF : 680064.6/44

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15

Left Out: -672.204 $\pm$ 877.110 χ^2/NDF : 4.1/5

Right Out: -2228.093 $\pm$ 648.044 χ^2/NDF : 11.8/17

Left In: -1832.000 $\pm$ 869.551 χ^2/NDF : 5.9/4

Left: -1257.121 $\pm$ 617.520 χ^2/NDF : 10.9/10

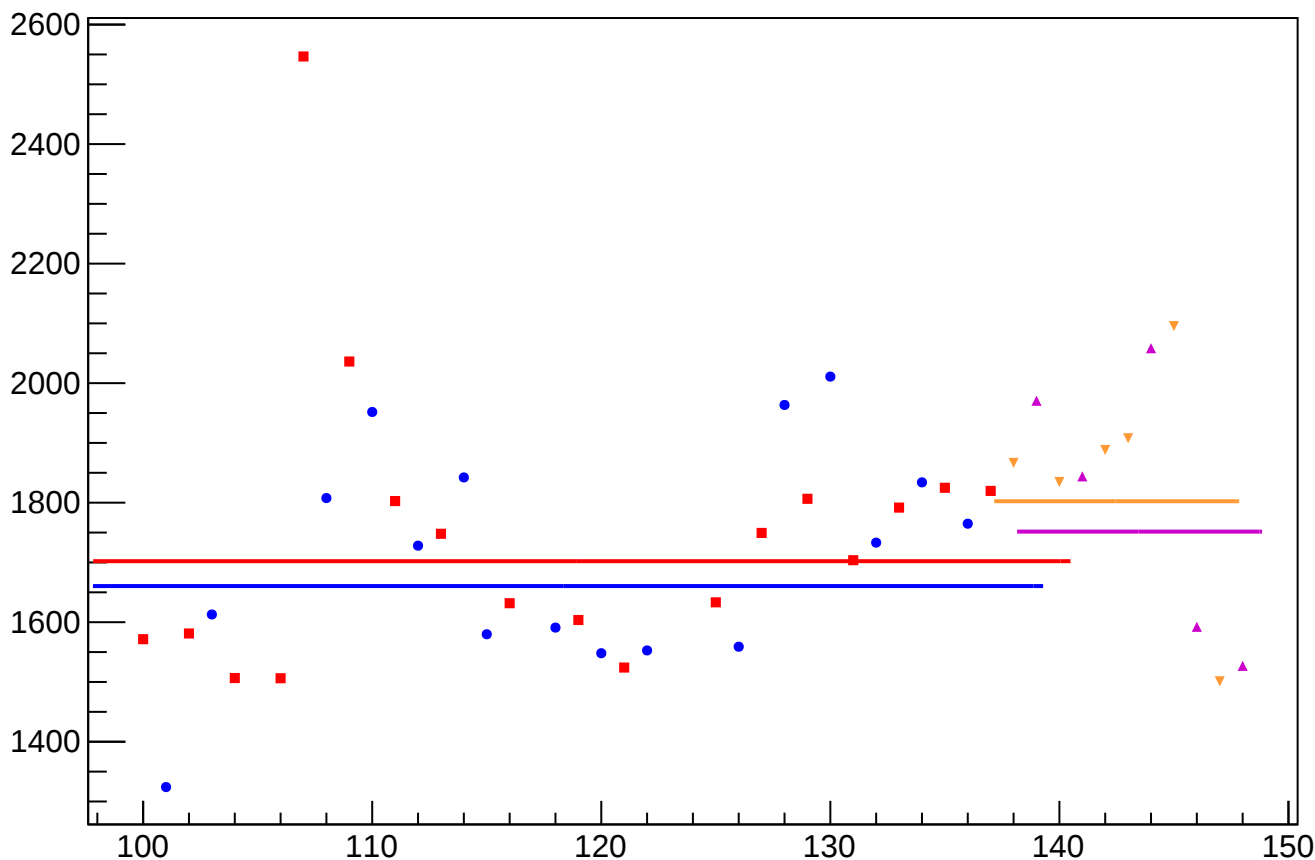
Right: -2706.812 $\pm$ 457.995 χ^2/NDF : 29.7/33

In: -2702.210 $\pm$ 519.262 χ^2/NDF : 24.2/20

Out: -1678.676 $\pm$ 521.214 χ^2/NDF : 18.0/23

All: -2192.363 $\pm$ 367.862 χ^2/NDF : 44.1/44

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1802.416+/-0.620 χ^2/NDF : 101733.2/5

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

Left In: 1751.608+/-0.615 χ^2/NDF : 113151.0/4

Left: 1776.792+/-0.437 χ^2/NDF : 218268.7/10

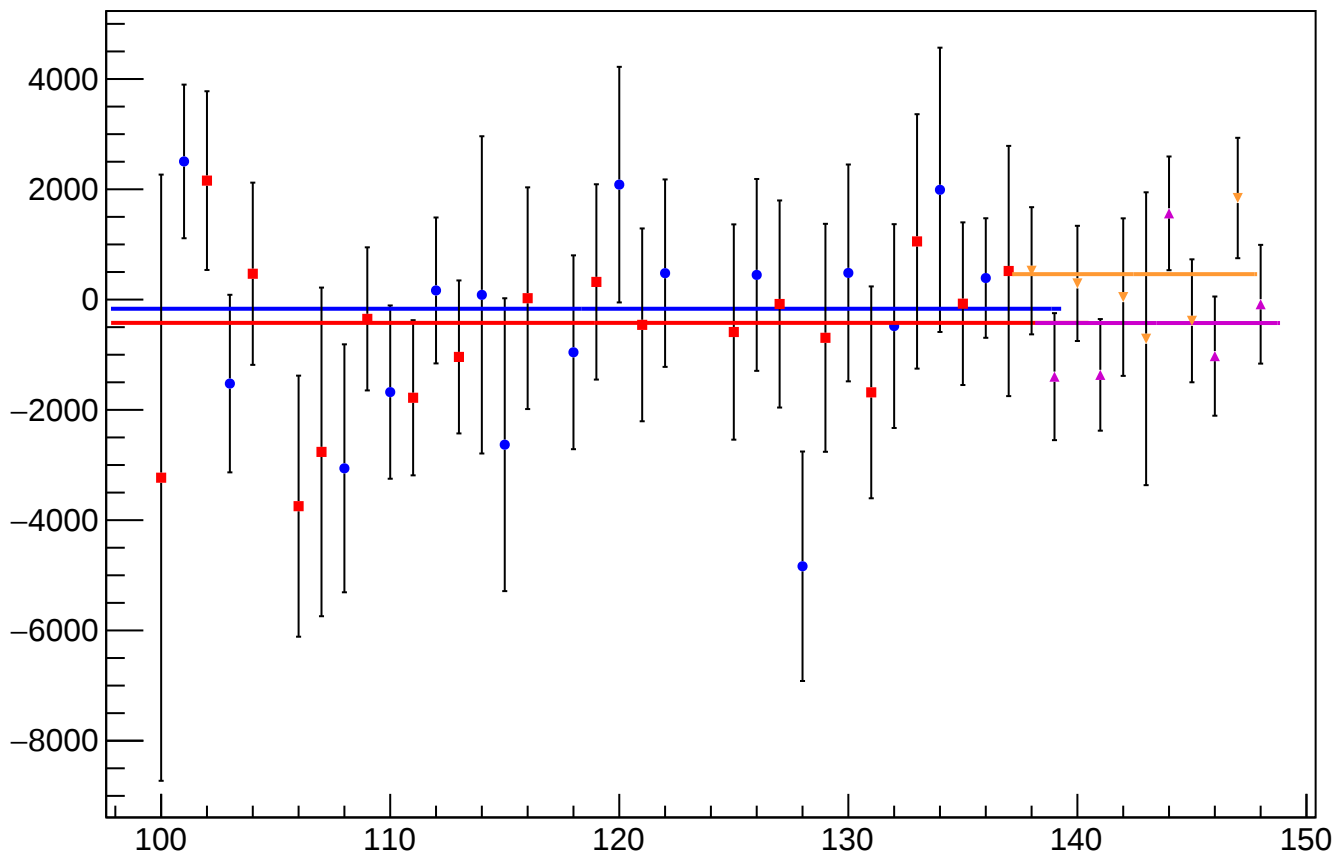
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1692.965+/-0.367 χ^2/NDF : 306495.5/20

Out: 1737.523+/-0.369 χ^2/NDF : 290665.5/23

All: 1715.160+/-0.260 χ^2/NDF : 604496.8/44

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 461.294 ± 503.523 $\chi^2/\text{NDF}: 2.5/5$

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

Left In: -424.996 ± 477.285 $\chi^2/\text{NDF}: 5.7/4$

Left: -5.543 ± 346.396 $\chi^2/\text{NDF}: 9.8/10$

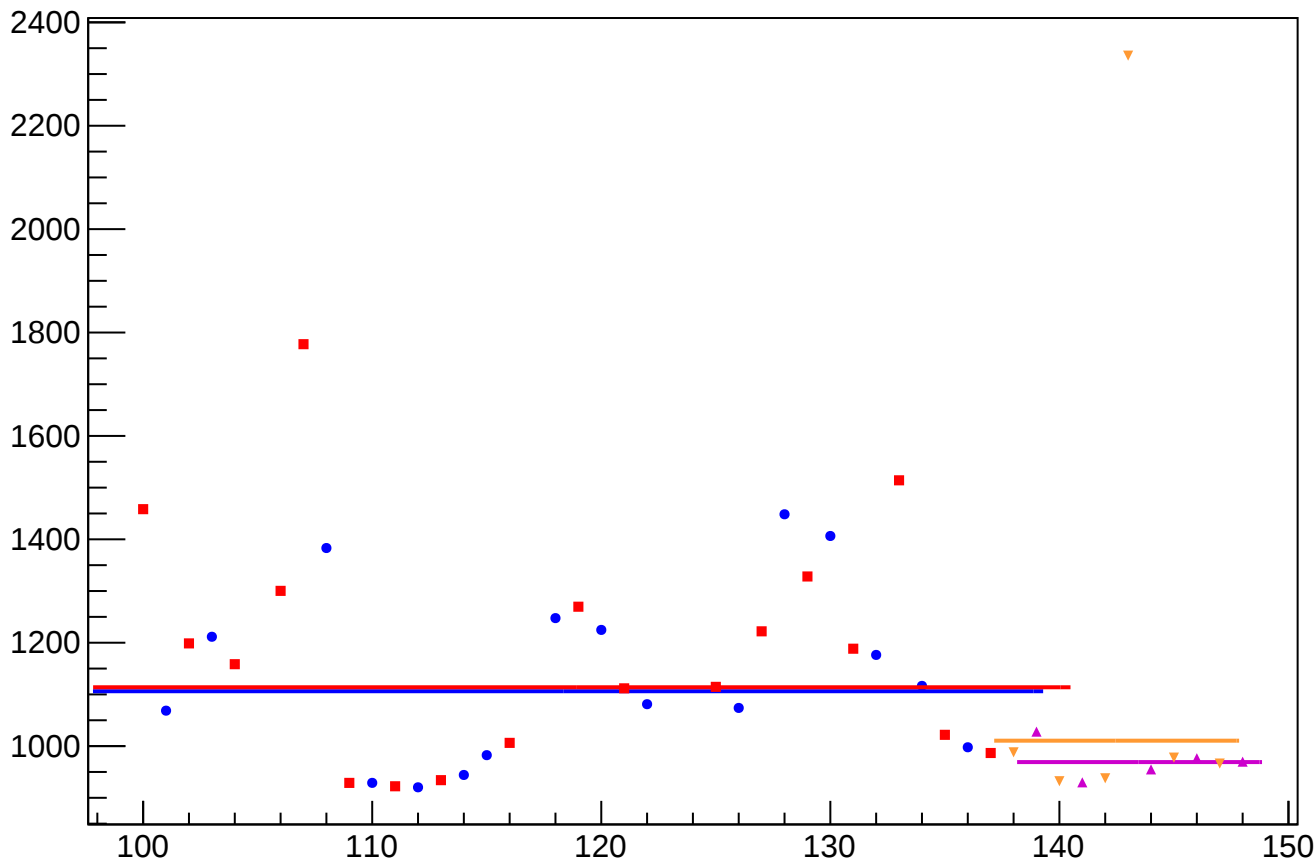
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

In: -283.029 ± 320.563 $\chi^2/\text{NDF}: 21.5/20$

Out: -52.390 ± 325.808 $\chi^2/\text{NDF}: 12.4/23$

All: -169.581 ± 228.504 $\chi^2/\text{NDF}: 34.2/44$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1010.509+/-0.356 χ^2/NDF : 520272.9/5

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

Left In: 969.111+/-0.337 χ^2/NDF : 8700.5/4

Left: 988.704+/-0.245 χ^2/NDF : 536094.3/10

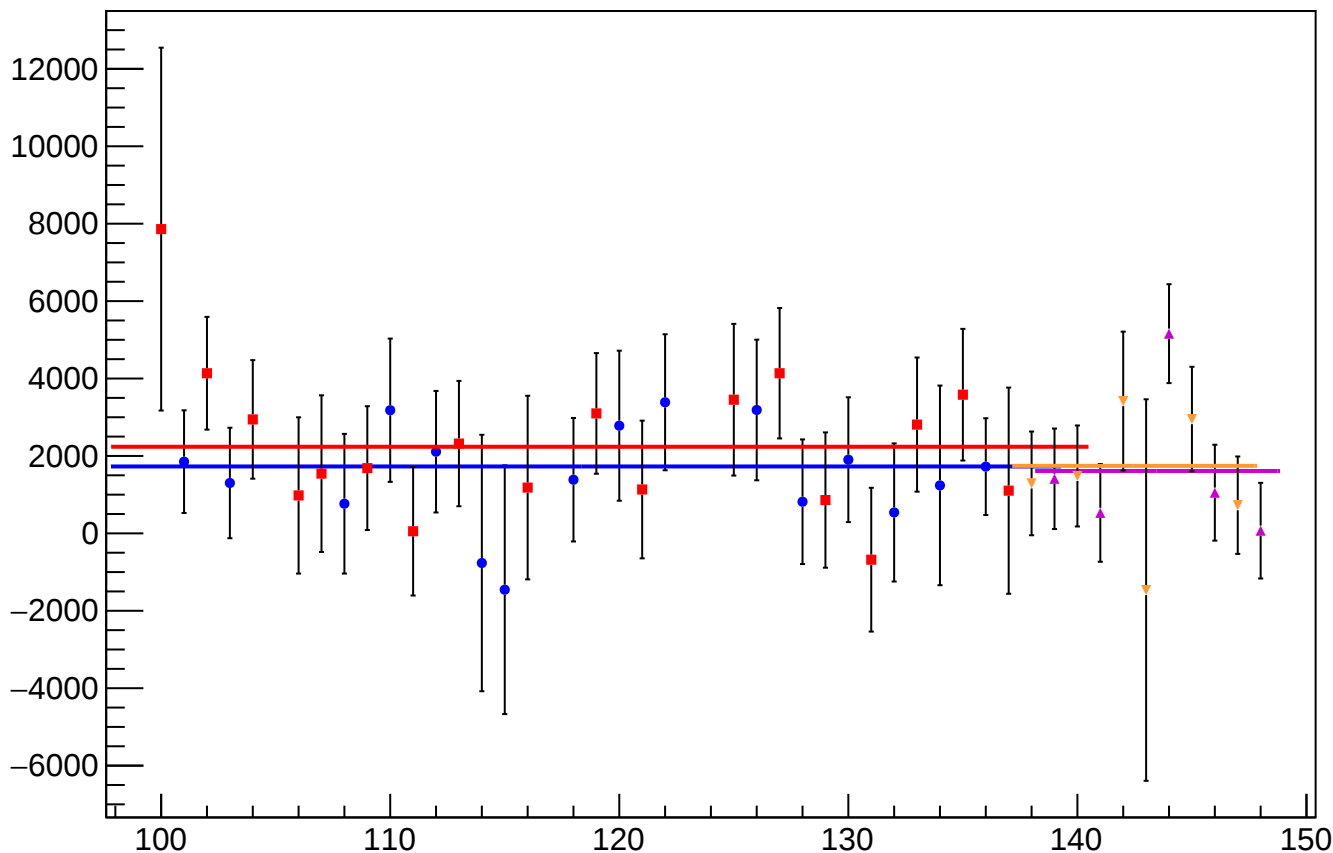
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1044.337+/-0.227 χ^2/NDF : 359131.4/20

Out: 1070.566+/-0.230 χ^2/NDF : 933510.4/23

All: 1057.239+/-0.162 χ^2/NDF : 1299228.1/44

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1744.232 $\pm$ 611.361 χ^2 /NDF: 2.9/5

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

Left In: 1611.949 $\pm$ 564.386 χ^2 /NDF: 10.2/4

Left: 1672.814 $\pm$ 414.695 χ^2 /NDF: 13.2/10

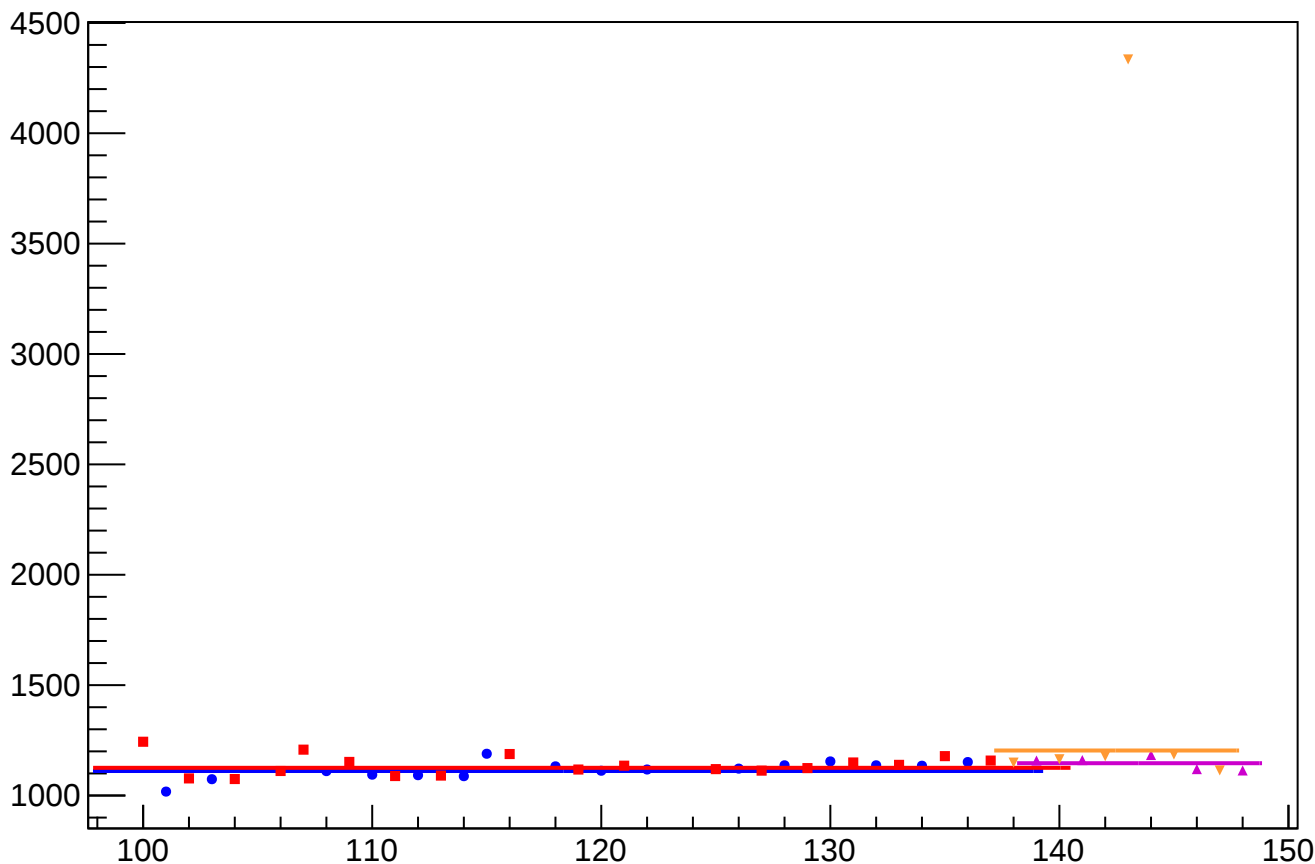
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1685.695 $\pm$ 341.939 χ^2 /NDF: 15.6/20

Out: 2076.678 $\pm$ 349.217 χ^2 /NDF: 15.6/23

All: 1877.070 $\pm$ 244.320 χ^2 /NDF: 31.8/44

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1203.916 $\pm$ 0.432 χ^2 /NDF: 823387.9/5

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

Left In: 1146.342 $\pm$ 0.399 χ^2 /NDF: 4465.7/4

Left: 1172.832 $\pm$ 0.293 χ^2 /NDF: 837429.9/10

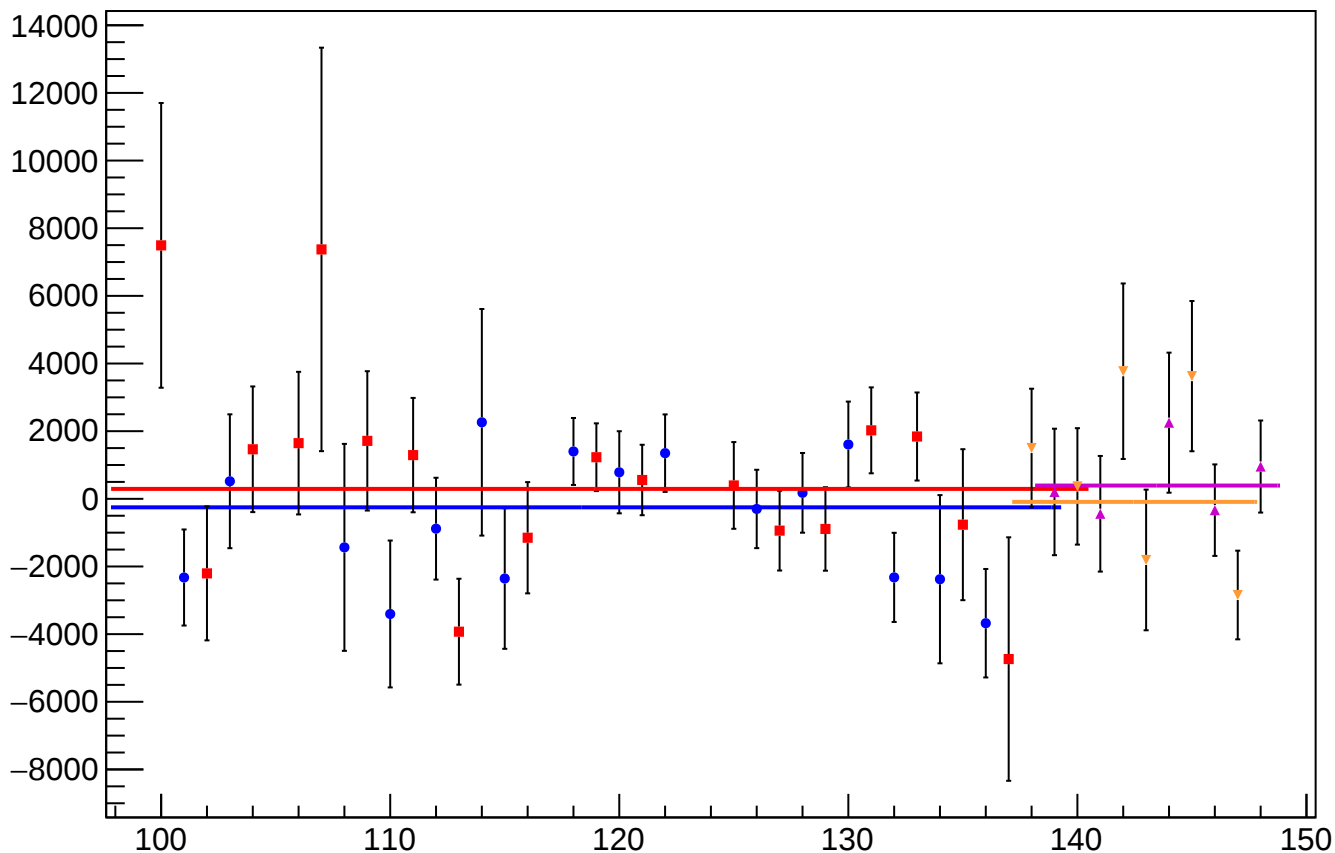
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

In: 1123.999 $\pm$ 0.242 χ^2 /NDF: 27508.7/20

Out: 1151.083 $\pm$ 0.247 χ^2 /NDF: 861439.0/23

All: 1137.256 $\pm$ 0.173 χ^2 /NDF: 895089.0/44

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -89.930 $\pm$ 739.659 χ^2/NDF : 11.0/5

Right Out: 293.658 $\pm$ 362.490 χ^2/NDF : 24.0/17

Left In: 392.520 $\pm$ 716.407 χ^2/NDF : 1.5/4

Left: 158.998 $\pm$ 514.600 χ^2/NDF : 12.7/10

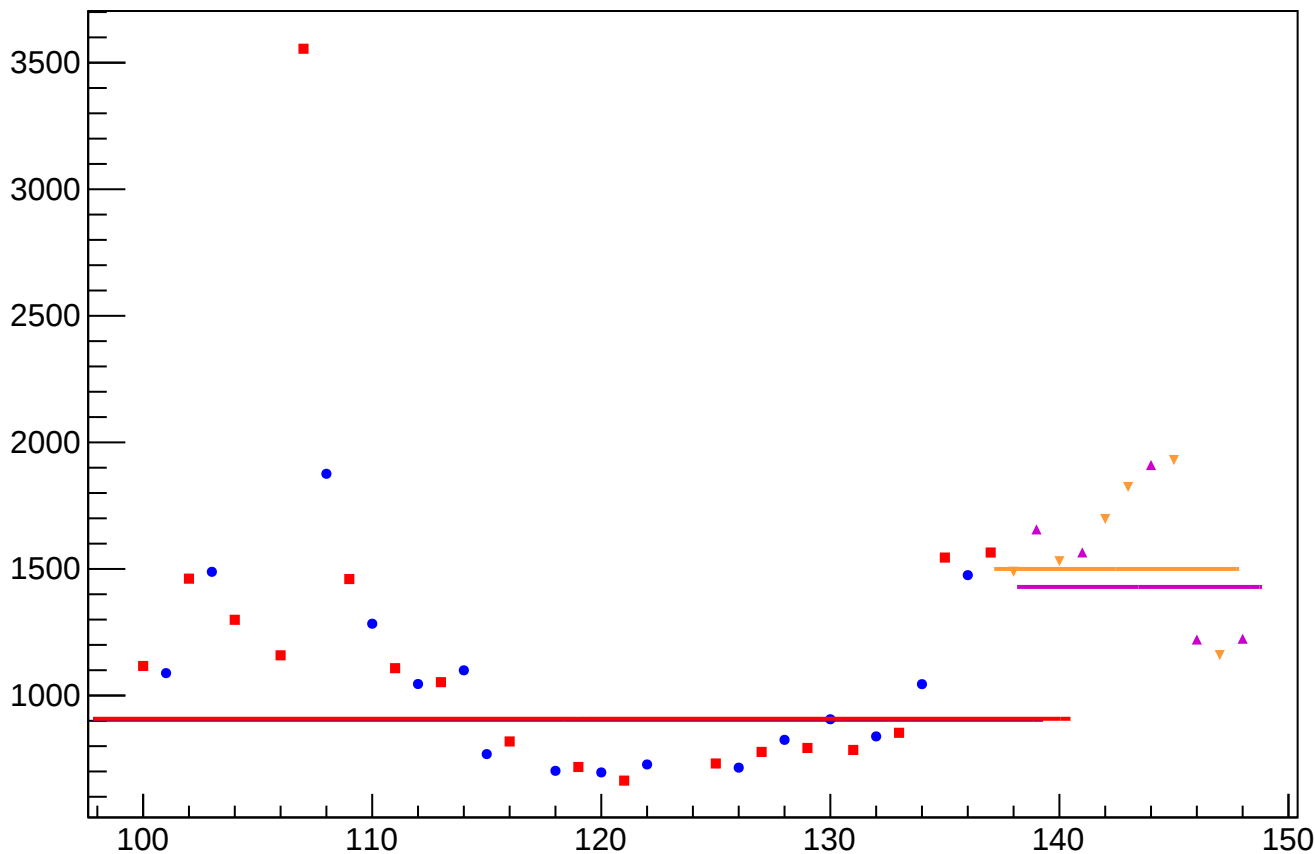
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: -118.669 $\pm$ 325.188 χ^2/NDF : 24.0/20

Out: 219.372 $\pm$ 325.502 χ^2/NDF : 35.2/23

All: 50.188 $\pm$ 230.054 χ^2/NDF : 59.8/44

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1500.031+/-0.523 χ^2/NDF : 270763.2/5

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

Left In: 1429.036+/-0.507 χ^2/NDF : 242978.3/4

Left: 1463.400+/-0.364 χ^2/NDF : 523248.5/10

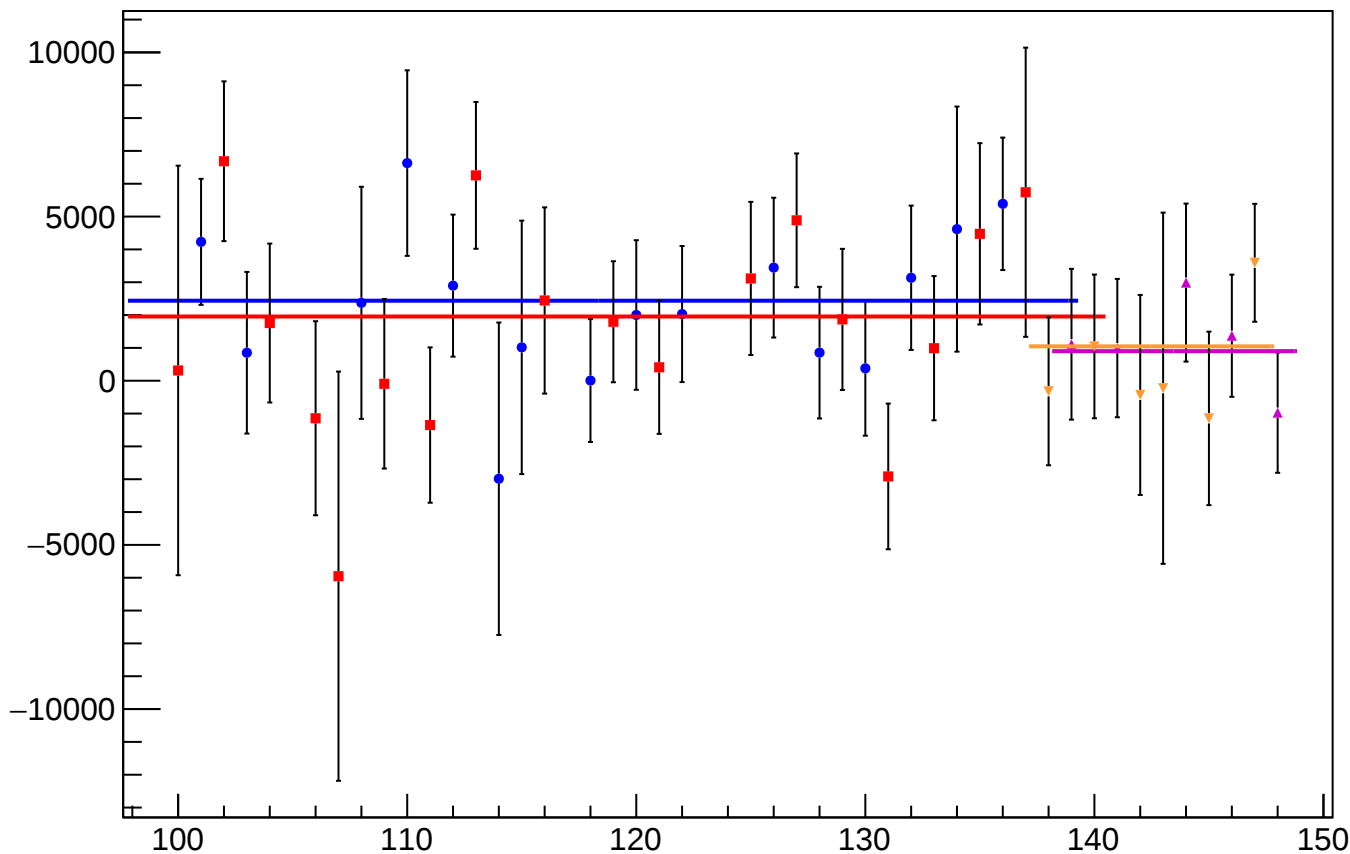
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1012.566+/-0.230 χ^2/NDF : 2115368.2/20

Out: 1022.778+/-0.230 χ^2/NDF : 2684426.8/23

All: 1017.667+/-0.163 χ^2/NDF : 4800780.3/44

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1047.403 $\pm$ 999.106 χ^2 /NDF: 3.4/5

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

Left In: 901.234 $\pm$ 922.905 χ^2 /NDF: 1.9/4

Left: 968.533 $\pm$ 677.933 χ^2 /NDF: 5.2/10

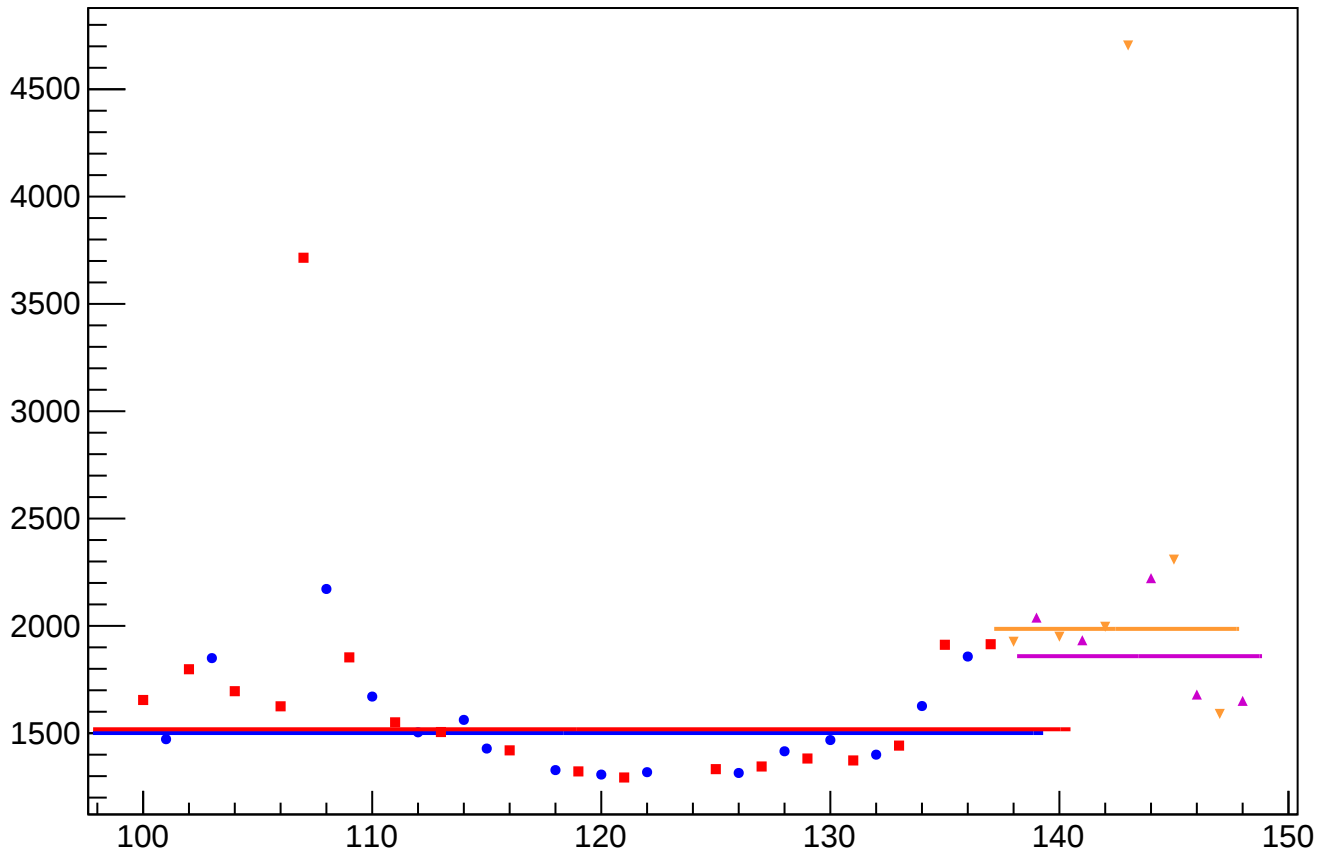
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

In: 1995.851 $\pm$ 494.841 χ^2 /NDF: 15.0/20

Out: 1724.501 $\pm$ 504.240 χ^2 /NDF: 26.3/23

All: 1862.729 $\pm$ 353.182 χ^2 /NDF: 41.5/44

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1986.104+/-0.706 χ^2/NDF : 645629.2/5

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

Left In: 1858.901+/-0.653 χ^2/NDF : 104622.3/4

Left: 1917.467+/-0.479 χ^2/NDF : 767744.2/10

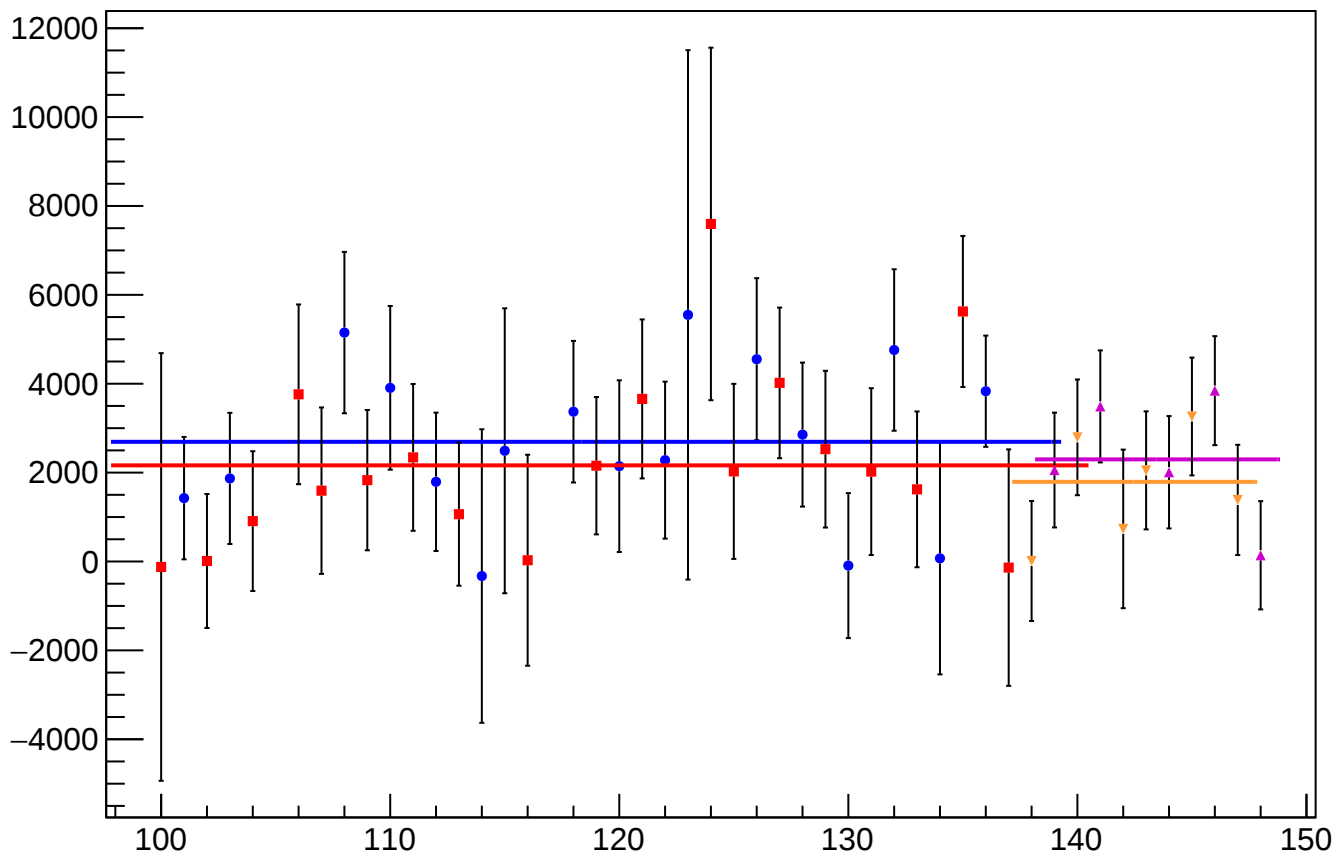
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1603.770+/-0.350 χ^2/NDF : 575361.3/20

Out: 1637.476+/-0.357 χ^2/NDF : 1448385.1/23

All: 1620.306+/-0.250 χ^2/NDF : 2028298.7/4

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1792.377 $\pm$ 555.706 χ^2 /NDF: 4.1/5

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

Left In: 2297.569 $\pm$ 559.612 χ^2 /NDF: 5.7/4

Left: 2043.203 $\pm$ 394.317 χ^2 /NDF: 10.2/10

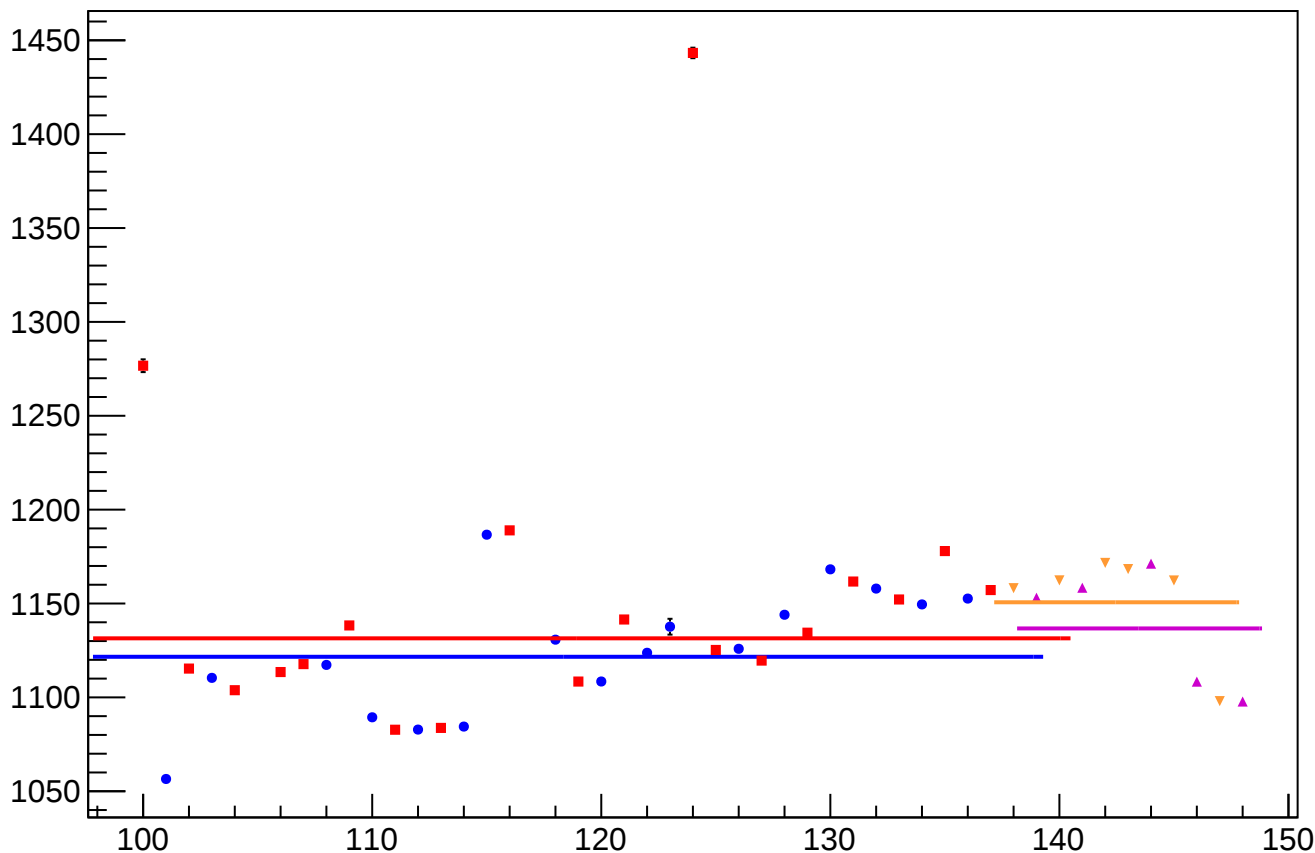
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

In: 2545.079 $\pm$ 342.267 χ^2 /NDF: 18.3/21

Out: 2026.777 $\pm$ 336.984 χ^2 /NDF: 18.1/24

All: 2281.898 $\pm$ 240.130 χ^2 /NDF: 37.5/46

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1150.657 ± 0.393 χ^2/NDF : 4611.4/5

Right Out: 1131.451 ± 0.300 χ^2/NDF : 23111.7/18

Left In: 1136.719 ± 0.396 χ^2/NDF : 5512.5/4

Left: 1143.737 ± 0.279 χ^2/NDF : 10748.5/10

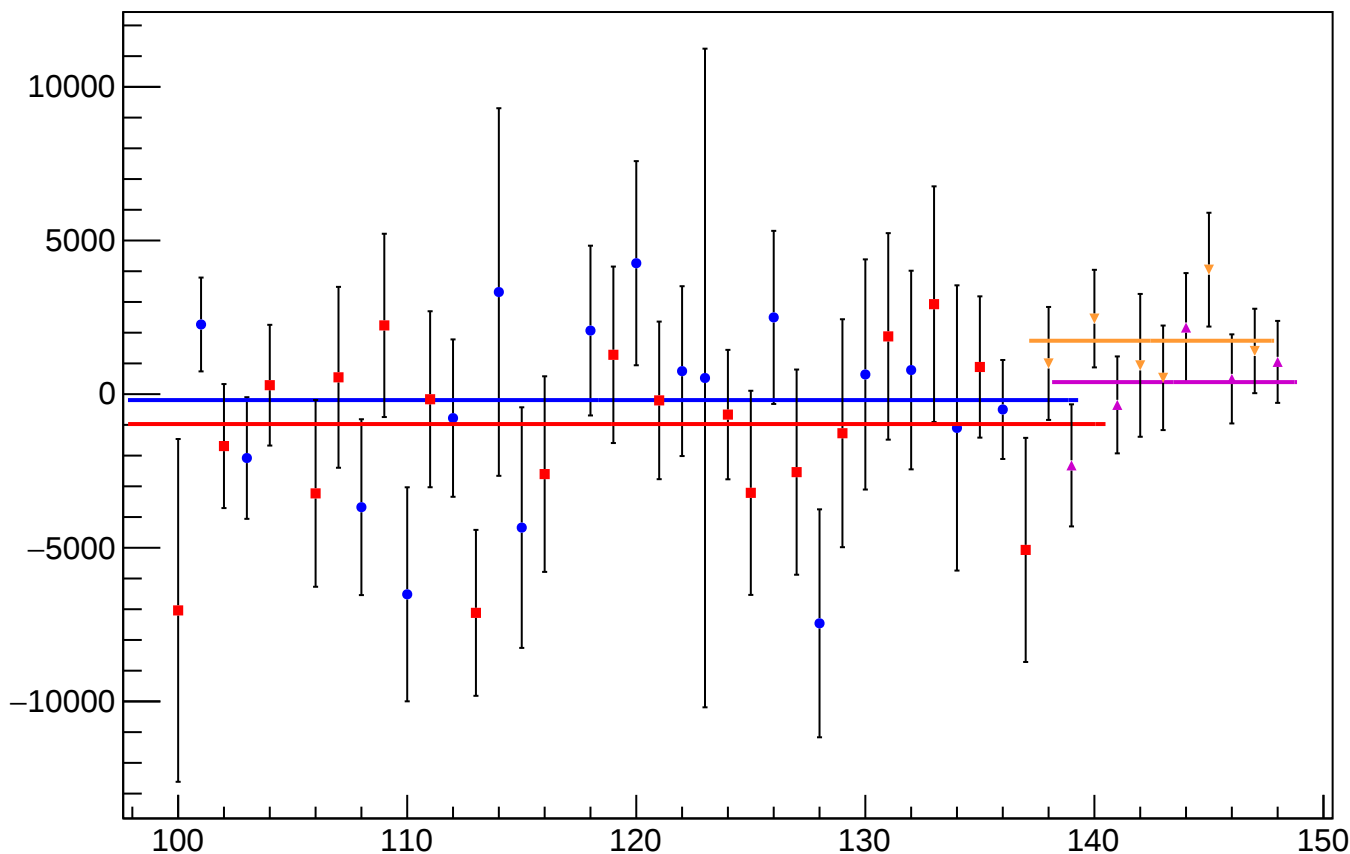
Right: 1126.640 ± 0.214 χ^2/NDF : 35618.4/35

In: 1127.272 ± 0.242 χ^2/NDF : 18403.3/21

Out: 1138.514 ± 0.238 χ^2/NDF : 29233.5/24

All: 1132.980 ± 0.170 χ^2/NDF : 48732.4/46

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1737.936+/-699.337 χ^2/NDF : 2.6/5

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

Left In: 391.825+/-705.096 χ^2/NDF : 3.3/4

Left: 1070.400+/-496.530 χ^2/NDF : 7.8/10

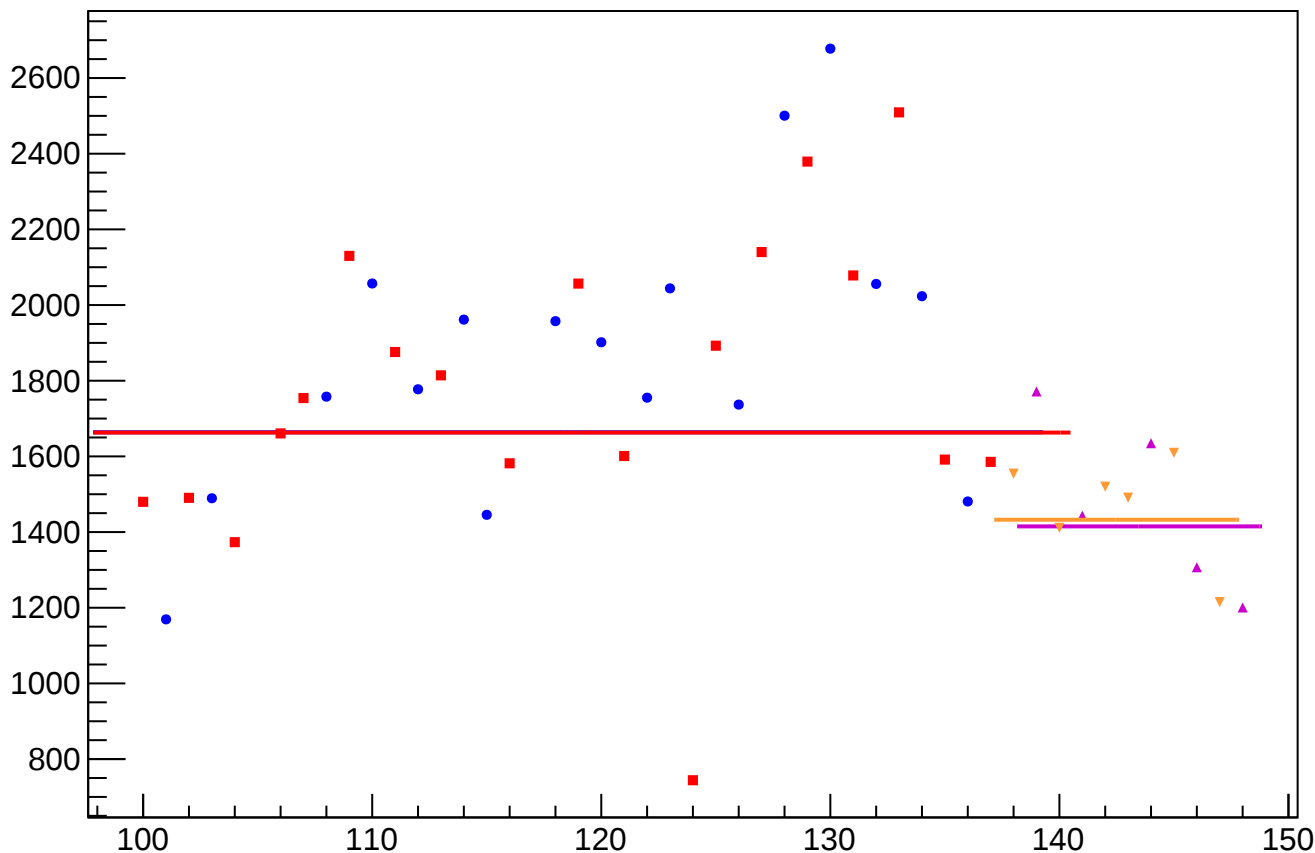
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: 80.095+/-481.984 χ^2/NDF : 21.1/21

Out: 273.030+/-474.150 χ^2/NDF : 25.0/24

All: 178.143+/-338.011 χ^2/NDF : 46.2/46

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779 $\pm$ 0.467 χ^2 /NDF: 622477.6/16

Left Out: 1432.655 $\pm$ 0.495 χ^2 /NDF: 82799.2/5

Right Out: 1662.985 $\pm$ 0.456 χ^2 /NDF: 804974.2/18

Left In: 1415.012 $\pm$ 0.499 χ^2 /NDF: 158559.8/4

Left: 1423.906 $\pm$ 0.351 χ^2 /NDF: 241990.2/10

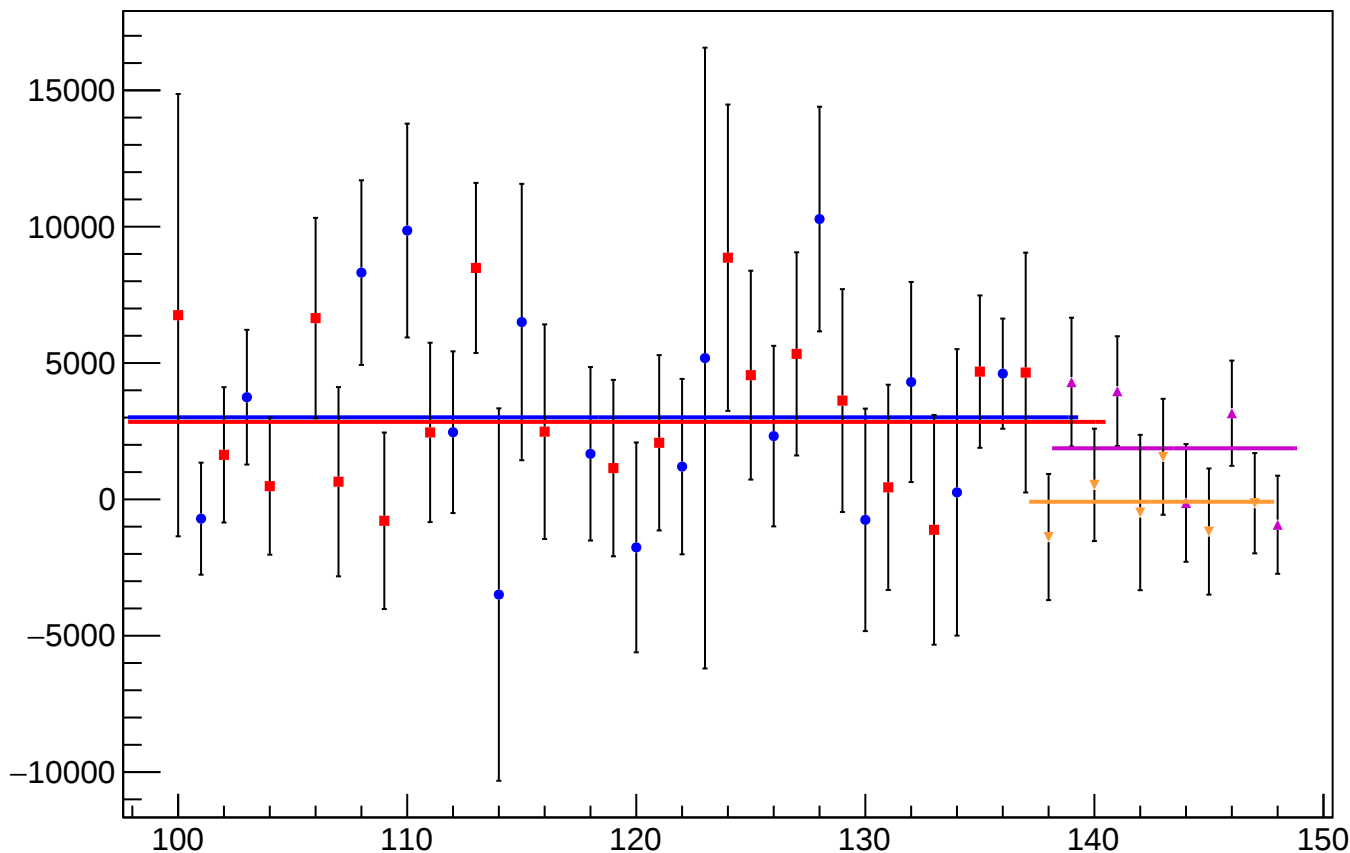
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1547.537 $\pm$ 0.341 χ^2 /NDF: 913662.6/21

Out: 1557.106 $\pm$ 0.335 χ^2 /NDF: 1004995.1/24

All: 1552.400 $\pm$ 0.239 χ^2 /NDF: 1919058.3/46

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: -87.469+/-894.713 χ^2/NDF : 1.2/5

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

Left In: 1873.306+/-906.108 χ^2/NDF : 5.9/4

Left: 880.512+/-636.648 χ^2/NDF : 9.5/10

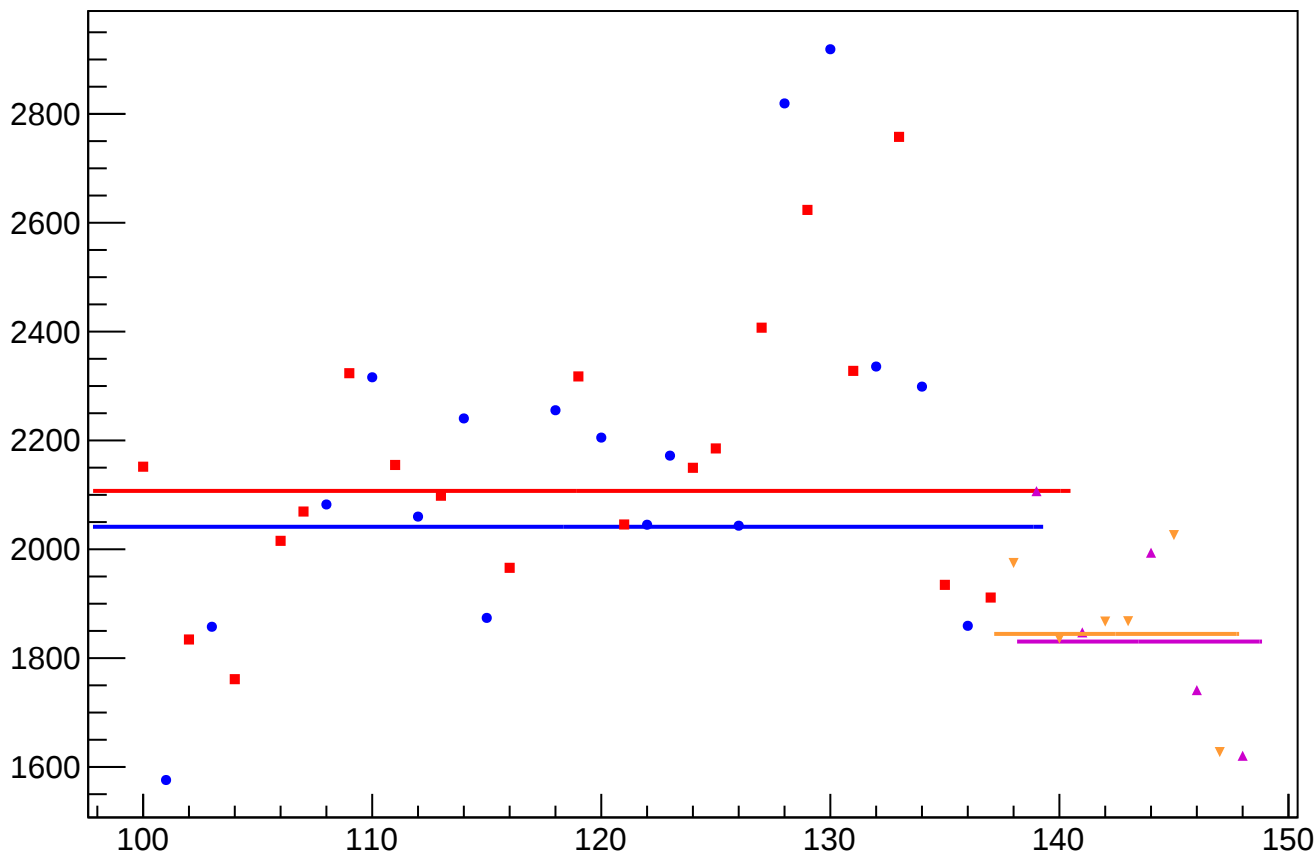
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2511.866+/-599.560 χ^2/NDF : 24.1/21

Out: 1548.217+/-594.595 χ^2/NDF : 18.7/24

All: 2026.035+/-422.186 χ^2/NDF : 44.1/46

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1844.497+/-0.633 χ^2/NDF : 46946.9/5

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

Left In: 1830.440+/-0.641 χ^2/NDF : 70453.5/4

Left: 1837.557+/-0.450 χ^2/NDF : 117644.2/10

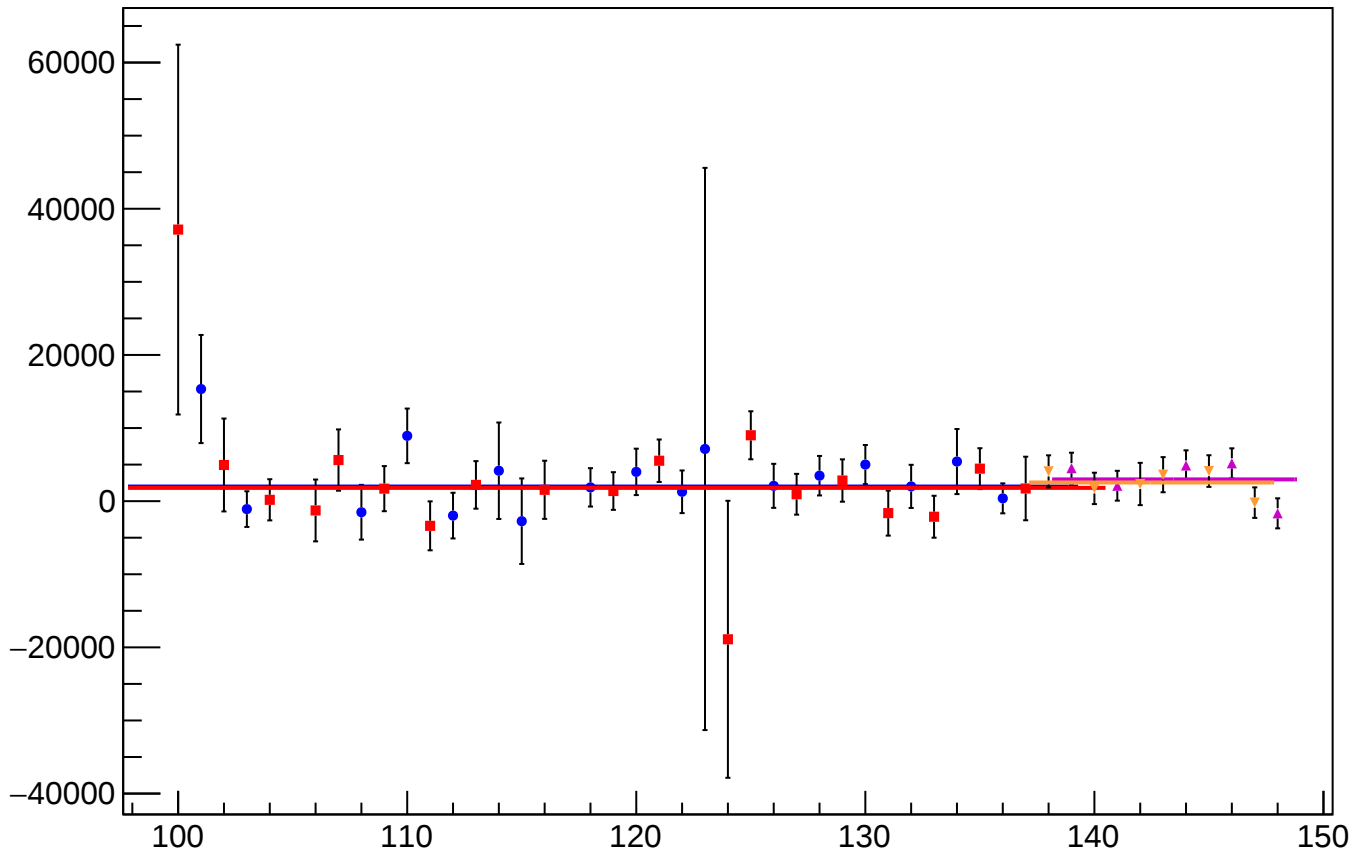
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1949.007+/-0.424 χ^2/NDF : 469805.6/21

Out: 1991.221+/-0.420 χ^2/NDF : 340057.5/24

All: 1970.289+/-0.299 χ^2/NDF : 814861.8/46

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2556.019+/-928.395 χ^2/NDF : 3.1/5

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

Left In: 2976.820+/-924.467 χ^2/NDF : 7.8/4

Left: 2767.311+/-655.081 χ^2/NDF : 11.0/10

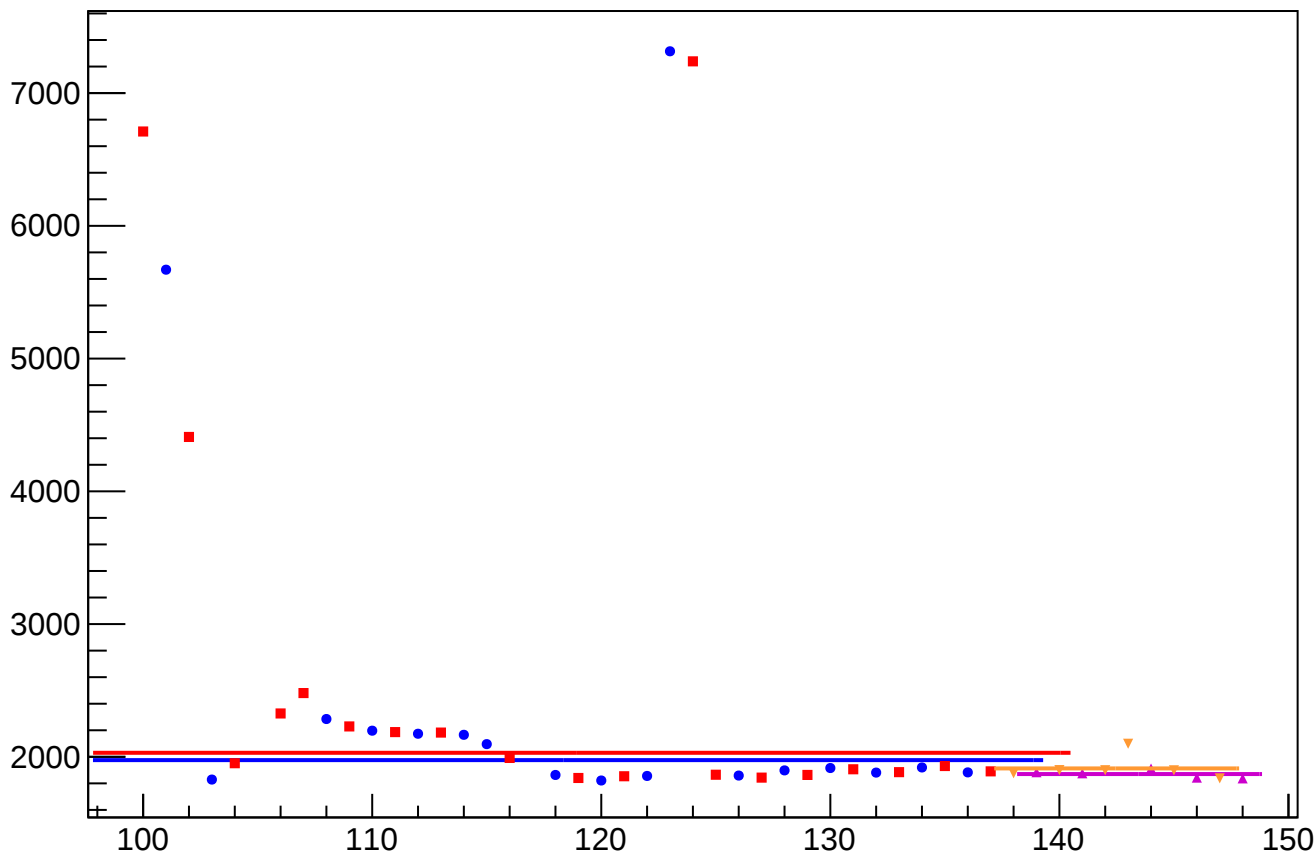
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2407.129+/-596.872 χ^2/NDF : 23.3/21

Out: 2122.637+/-597.858 χ^2/NDF : 21.7/24

All: 2265.118+/-422.401 χ^2/NDF : 45.1/46

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1912.605+/-0.656 χ^2/NDF : 15286.8/5

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

Left In: 1870.173+/-0.654 χ^2/NDF : 1751.1/4

Left: 1891.299+/-0.463 χ^2/NDF : 19135.6/10

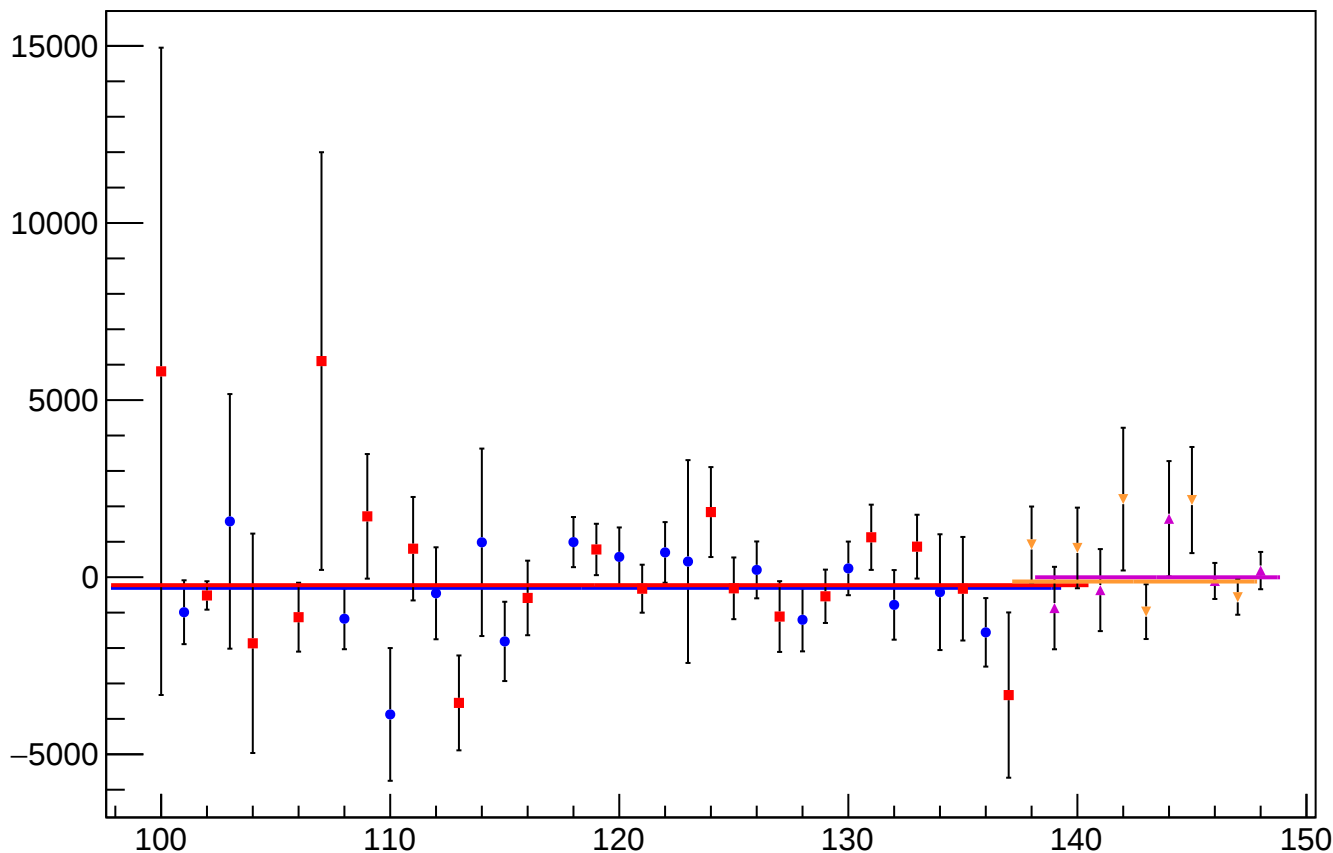
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1931.366+/-0.422 χ^2/NDF : 616609.9/21

Out: 1981.517+/-0.423 χ^2/NDF : 638037.1/24

All: 1956.400+/-0.299 χ^2/NDF : 1261695.0/46

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -122.055+/-351.203 χ^2/NDF : 7.4/5

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

Left In: -3.040+/-327.359 χ^2/NDF : 1.9/4

Left: -58.371+/-239.464 χ^2/NDF : 9.3/10

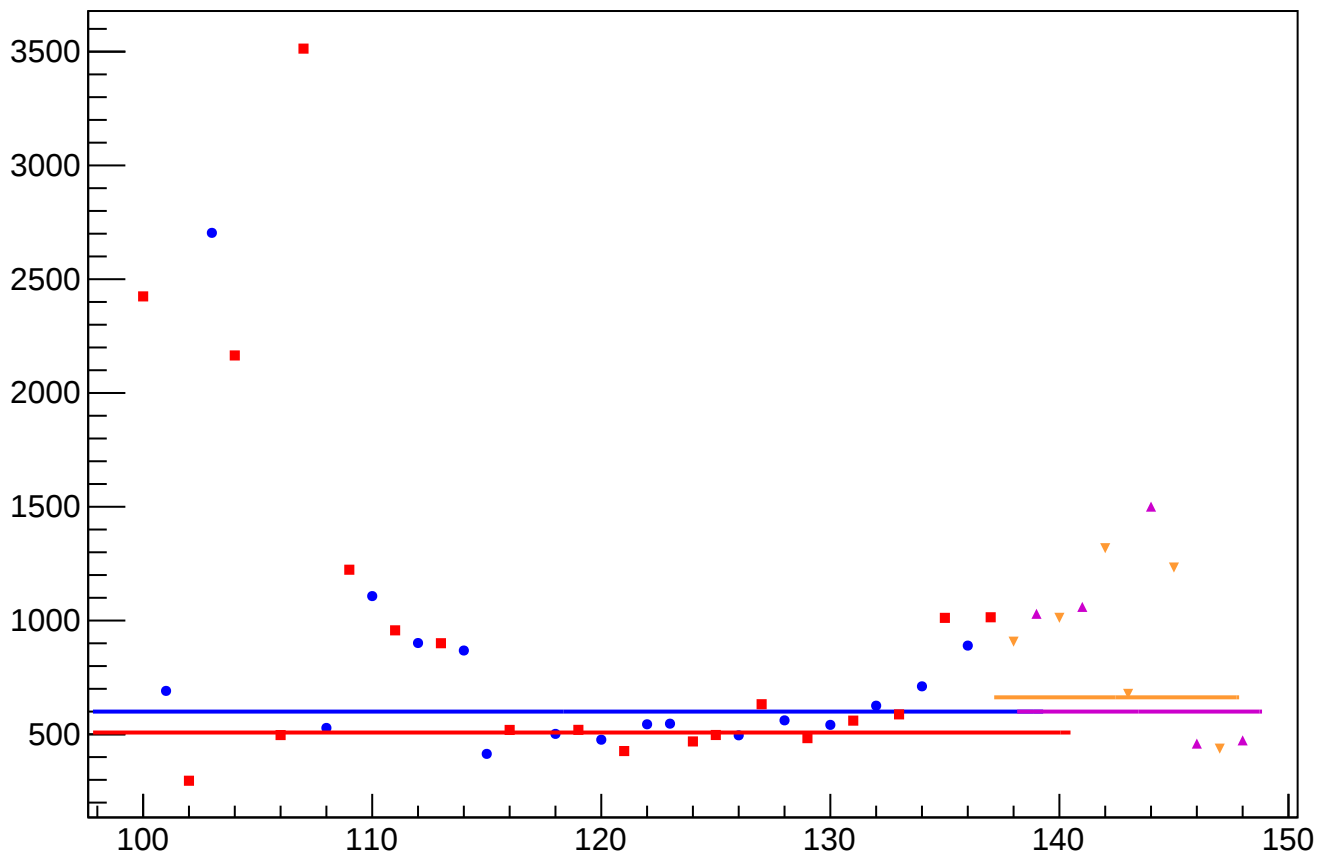
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

In: -192.478+/-196.975 χ^2/NDF : 19.7/21

Out: -197.143+/-183.718 χ^2/NDF : 29.6/24

All: -194.973+/-134.351 χ^2/NDF : 49.4/46

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 662.616+/-0.248 χ^2/NDF : 1211945.7/5

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

Left In: 599.973+/-0.231 χ^2/NDF : 1468293.9/4

Left: 629.096+/-0.169 χ^2/NDF : 2714287.3/10

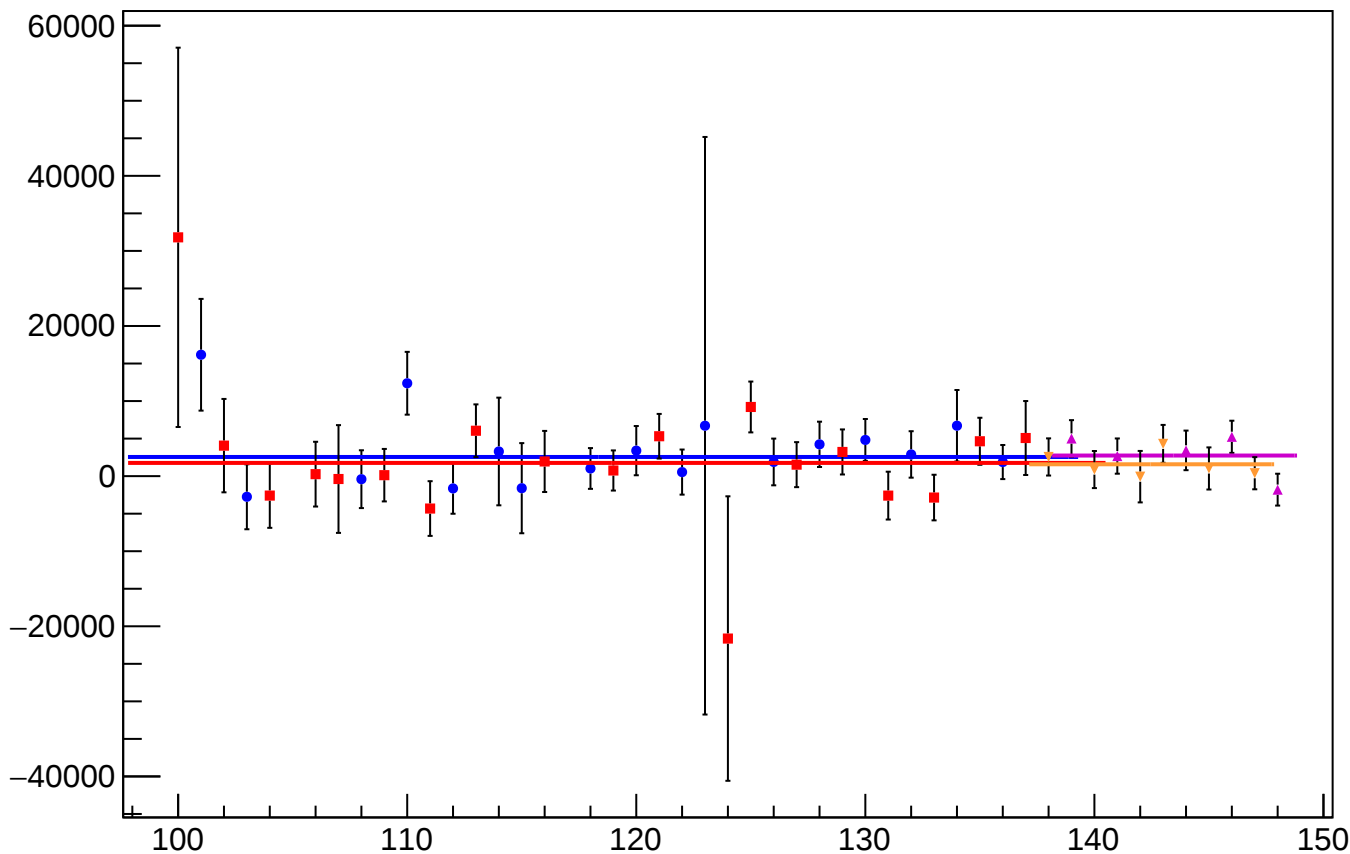
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 599.961+/-0.139 χ^2/NDF : 2849343.3/21

Out: 550.268+/-0.130 χ^2/NDF : 4342600.5/24

All: 573.386+/-0.095 χ^2/NDF : 7260015.1/46

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1579.598 $\pm$ 1045.952 χ^2 /NDF: 2.0/5

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

Left In: 2744.400 $\pm$ 1035.263 χ^2 /NDF: 6.9/4

Left: 2167.981 $\pm$ 735.792 χ^2 /NDF: 9.5/10

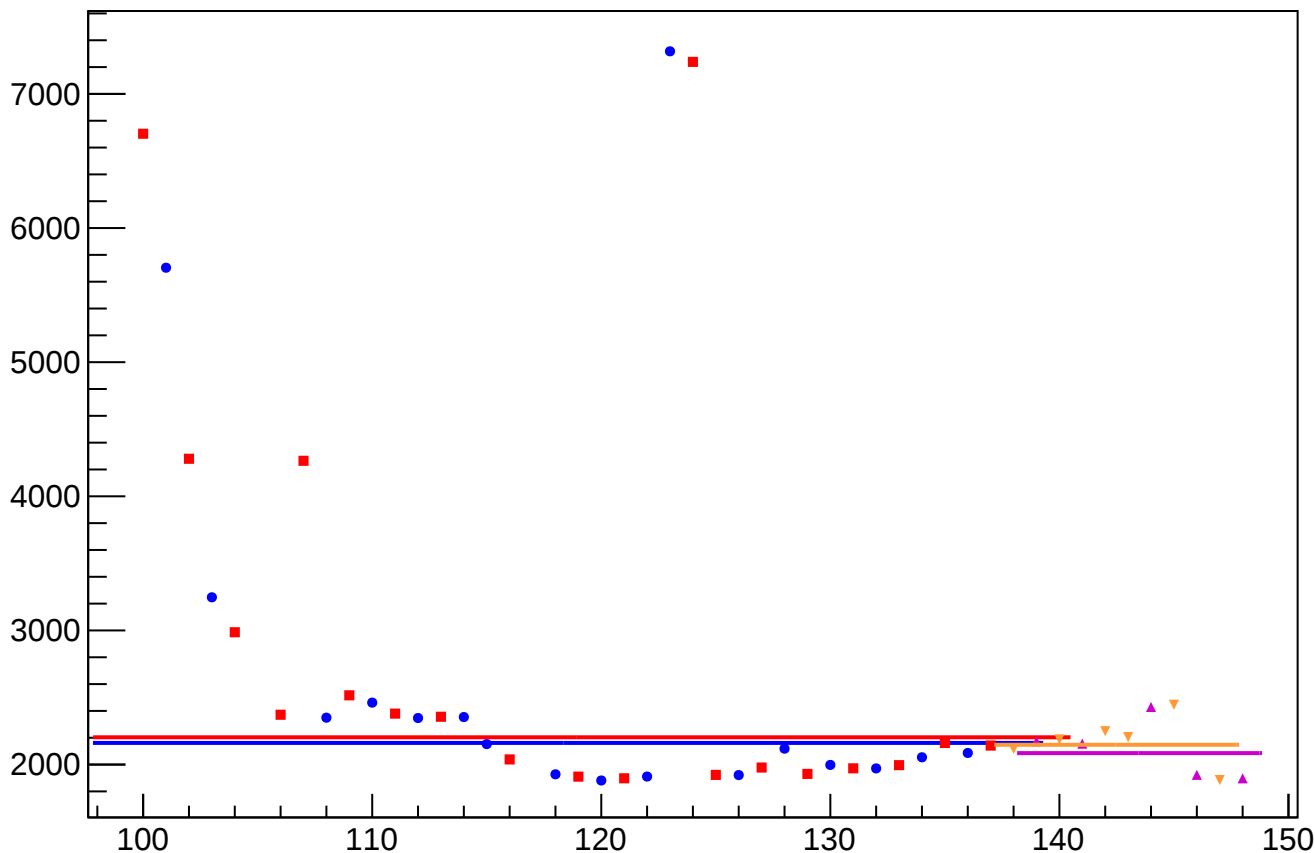
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2631.386 $\pm$ 661.026 χ^2 /NDF: 22.6/21

Out: 1688.672 $\pm$ 661.823 χ^2 /NDF: 22.9/24

All: 2160.597 $\pm$ 467.697 χ^2 /NDF: 46.6/46

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2147.518 ± 0.740 χ^2/NDF : 56337.2/5

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

Left In: 2085.389 ± 0.732 χ^2/NDF : 65595.5/4

Left: 2116.134 ± 0.520 χ^2/NDF : 125497.2/10

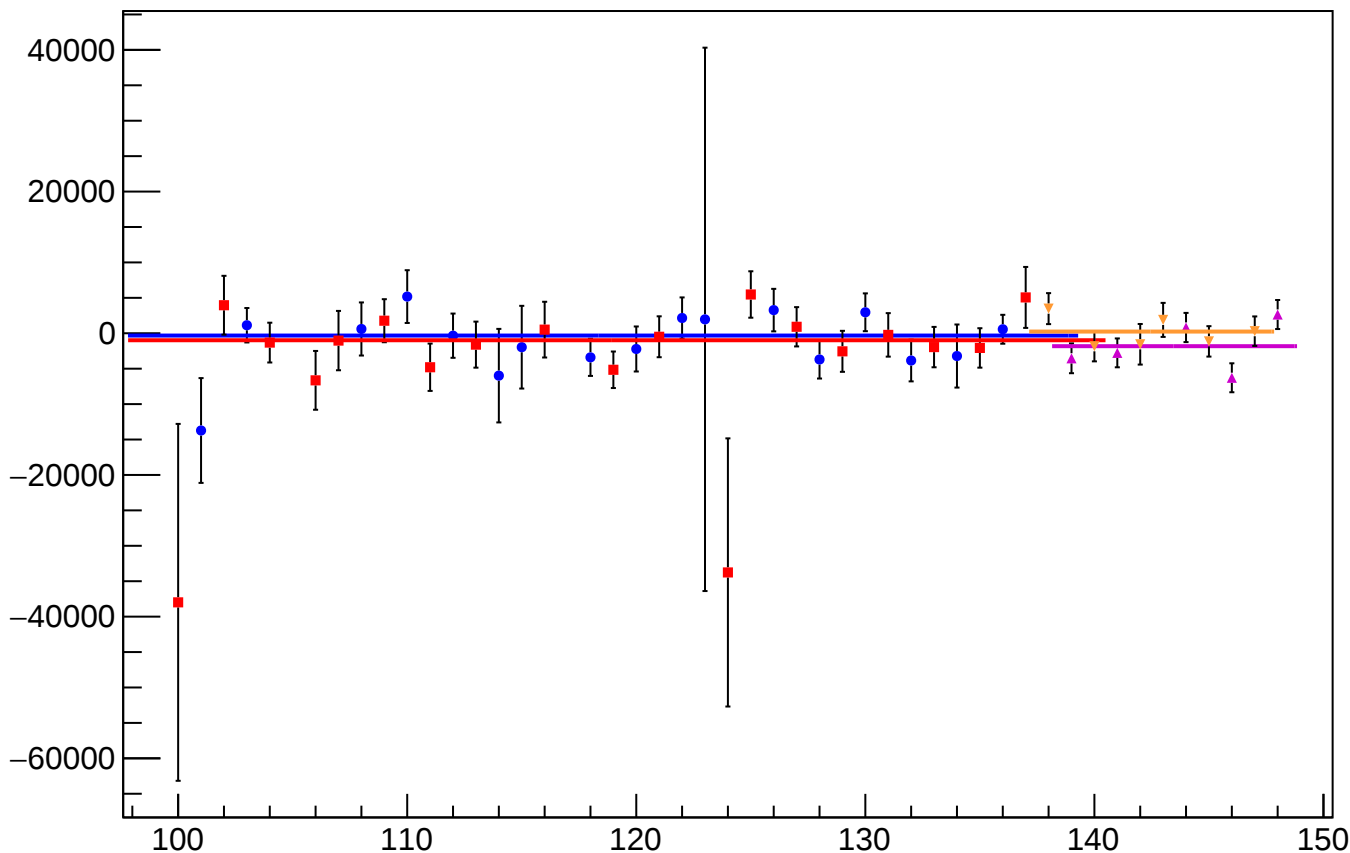
Right: 2182.484 ± 0.428 χ^2/NDF : 1511040.8/35

In: 2130.422 ± 0.467 χ^2/NDF : 783237.8/21

Out: 2180.992 ± 0.468 χ^2/NDF : 857146.6/24

All: 2155.677 ± 0.331 χ^2/NDF : 1646230.1/46

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 239.802 ± 923.927 $\chi^2/\text{NDF}: 4.4/5$

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

Left In: -1823.455 ± 920.390 $\chi^2/\text{NDF}: 12.0/4$

Left: -795.783 ± 652.061 $\chi^2/\text{NDF}: 19.0/10$

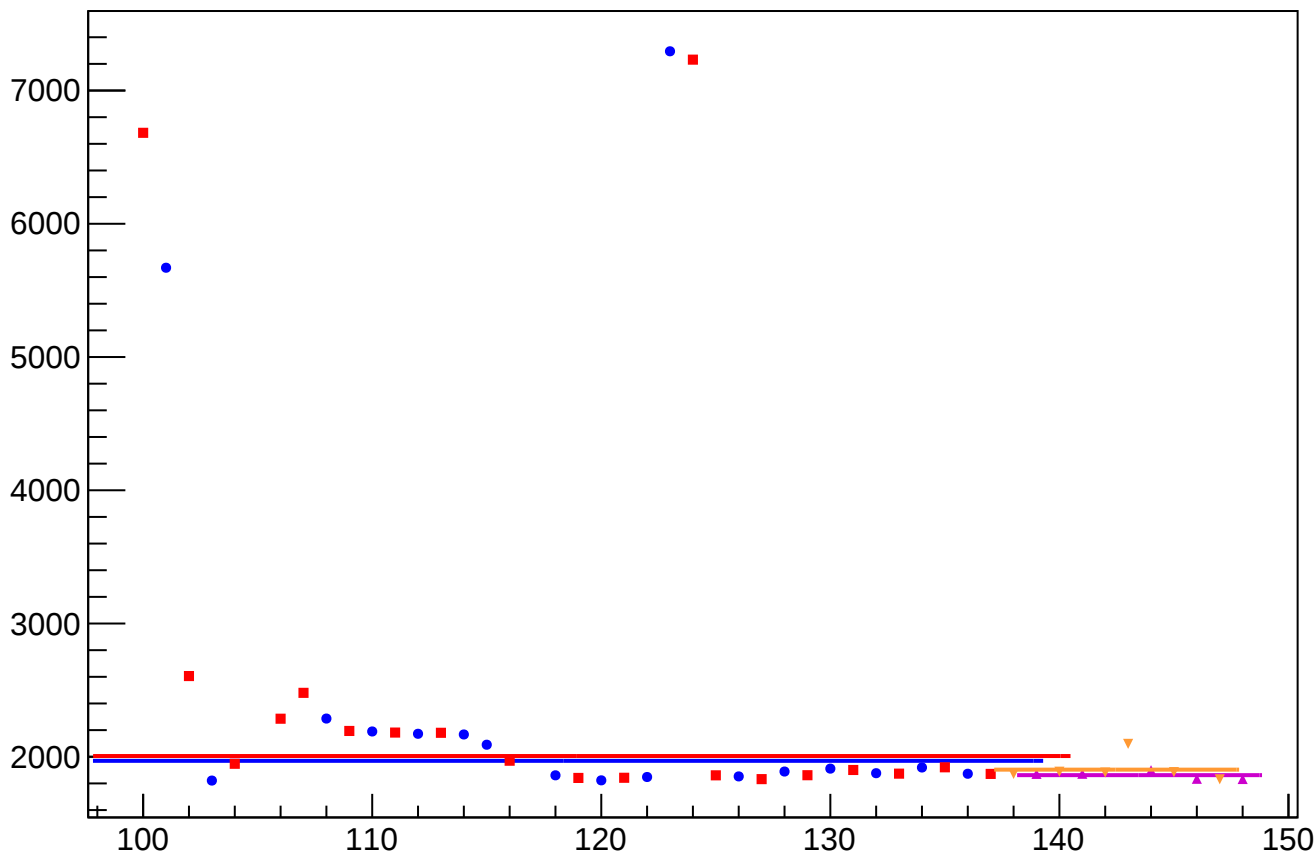
Right: -658.915 ± 547.776 $\chi^2/\text{NDF}: 36.4/35$

In: -950.153 ± 594.838 $\chi^2/\text{NDF}: 29.3/21$

Out: -483.575 ± 591.477 $\chi^2/\text{NDF}: 25.8/24$

All: -715.542 ± 419.420 $\chi^2/\text{NDF}: 55.4/46$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.347+/-0.653 χ^2 /NDF:16190.2/5

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

Left In: 1862.053+/-0.651 χ^2 /NDF:1493.8/4

Left: 1882.621+/-0.461 χ^2 /NDF: 19689.3/10

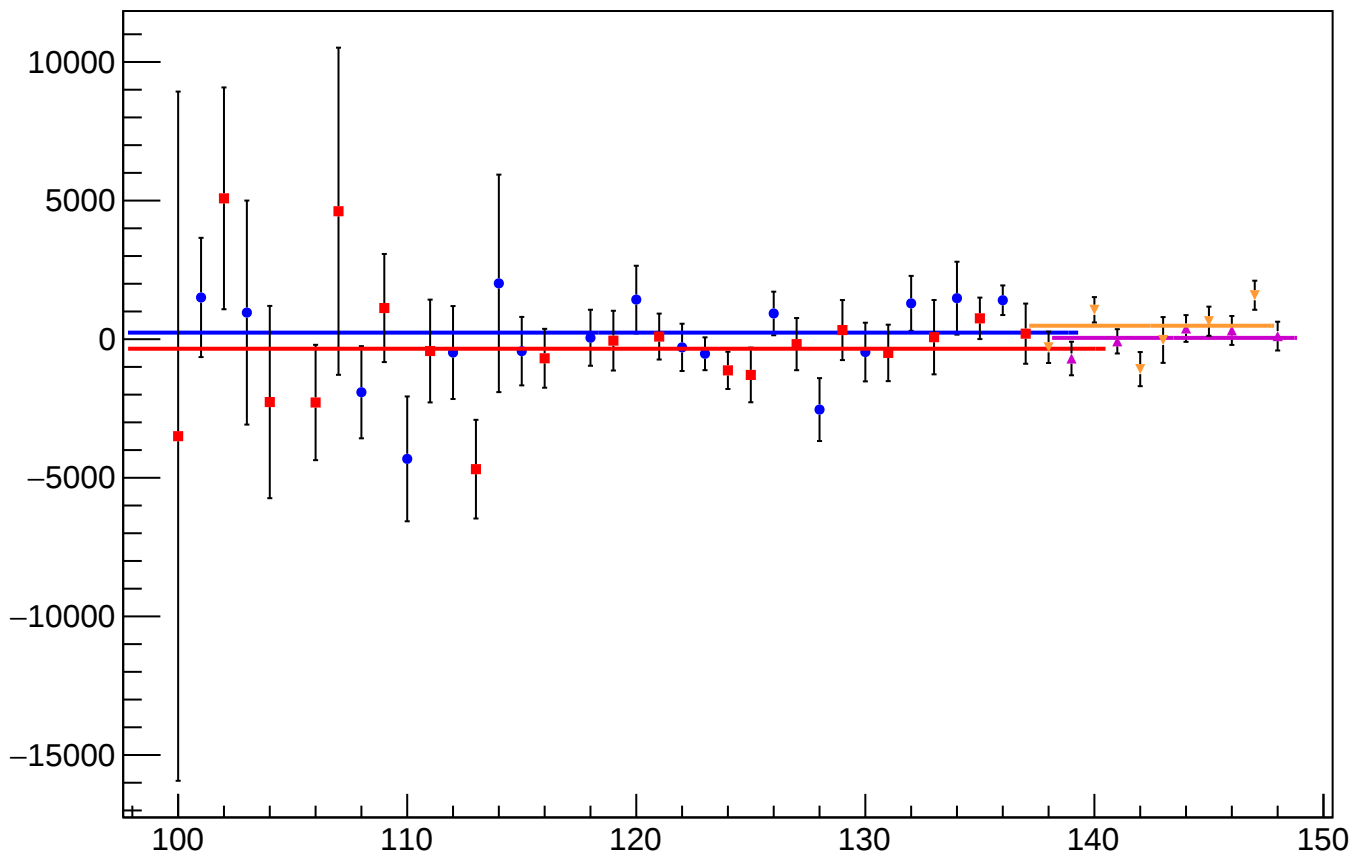
Right: 1987.746+/-0.387 χ^2 /NDF: 964621.5/35

In: 1924.617+/-0.421 χ^2 /NDF:620174.6/21

Out: 1963.665+/-0.418 χ^2 /NDF:390278.7/24

All: 1944.252+/-0.297 χ^2 /NDF: 1014787.0/46

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 486.007 $\pm$ 227.946 χ^2 /NDF:14.8/5

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

Left In: 47.232 $\pm$ 225.812 χ^2 /NDF:2.4/4

Left: 264.557 $\pm$ 160.422 χ^2 /NDF: 19.0/10

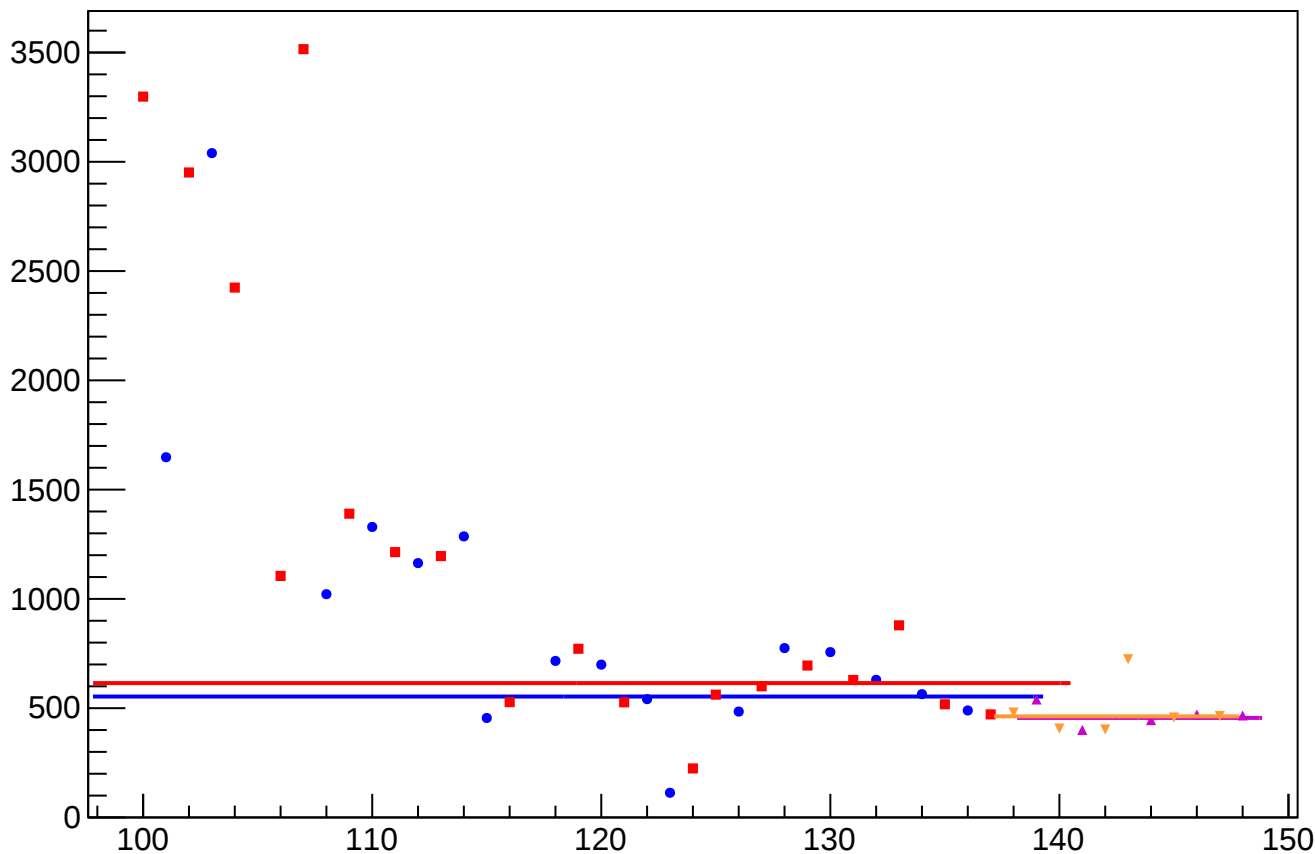
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

In: 132.959 $\pm$ 167.151 χ^2 /NDF:26.6/21

Out: 138.270 $\pm$ 173.775 χ^2 /NDF:36.3/24

All: 135.511 $\pm$ 120.467 χ^2 /NDF: 62.9/46

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 462.558+/-0.161 χ^2/NDF : 251311.9/5

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

Left In: 455.512+/-0.160 χ^2/NDF : 73843.1/4

Left: 459.002+/-0.113 χ^2/NDF : 326119.5/10

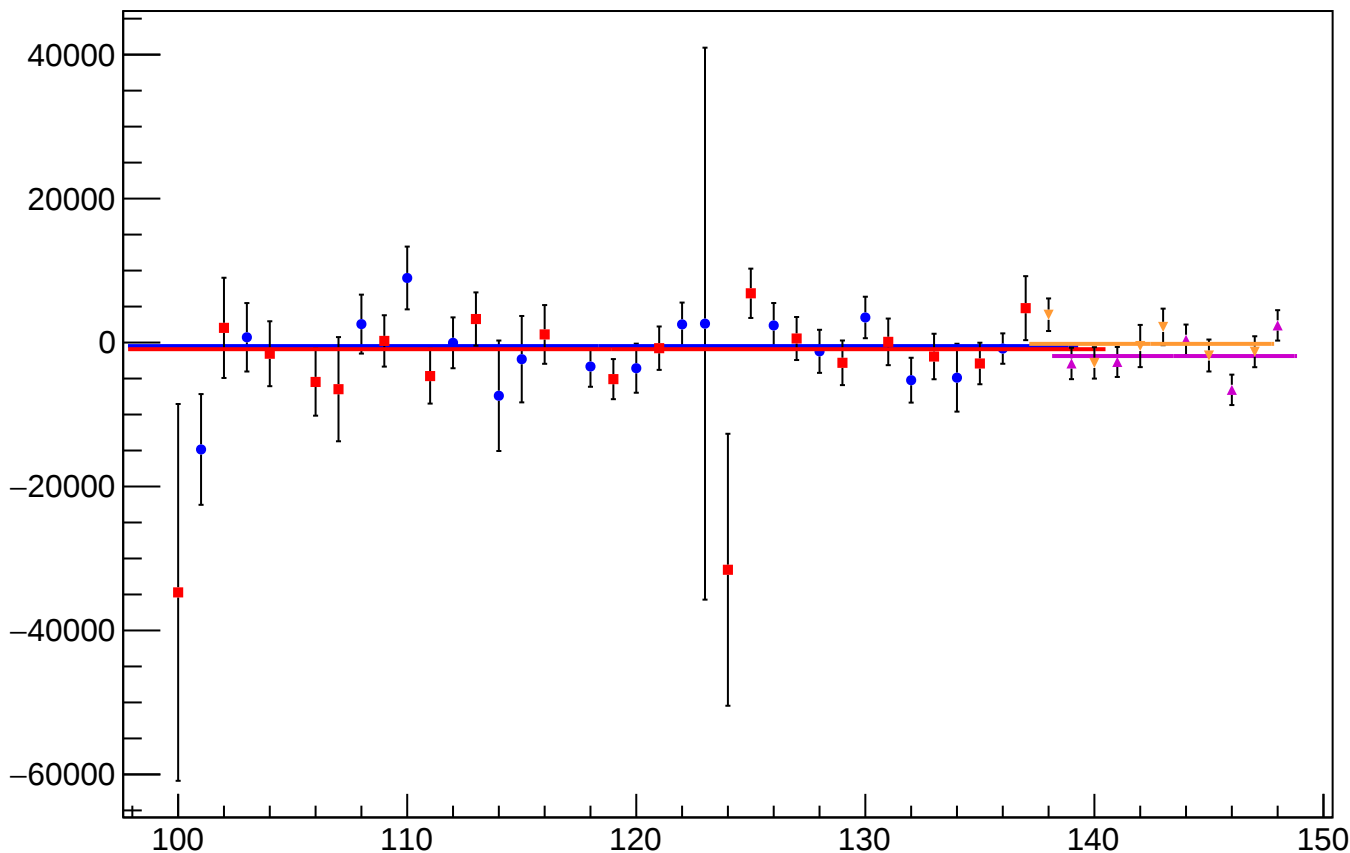
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

In: 499.710+/-0.118 χ^2/NDF : 3656075.6/21

Out: 526.332+/-0.123 χ^2/NDF : 4194713.6/24

All: 512.504+/-0.085 χ^2/NDF : 7875171.7/46

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -183.083 ± 955.212 χ^2/NDF : 6.3/5

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

Left In: -1874.417 ± 949.078 χ^2/NDF : 10.5/4

Left: -1034.198 ± 673.258 χ^2/NDF : 18.4/10

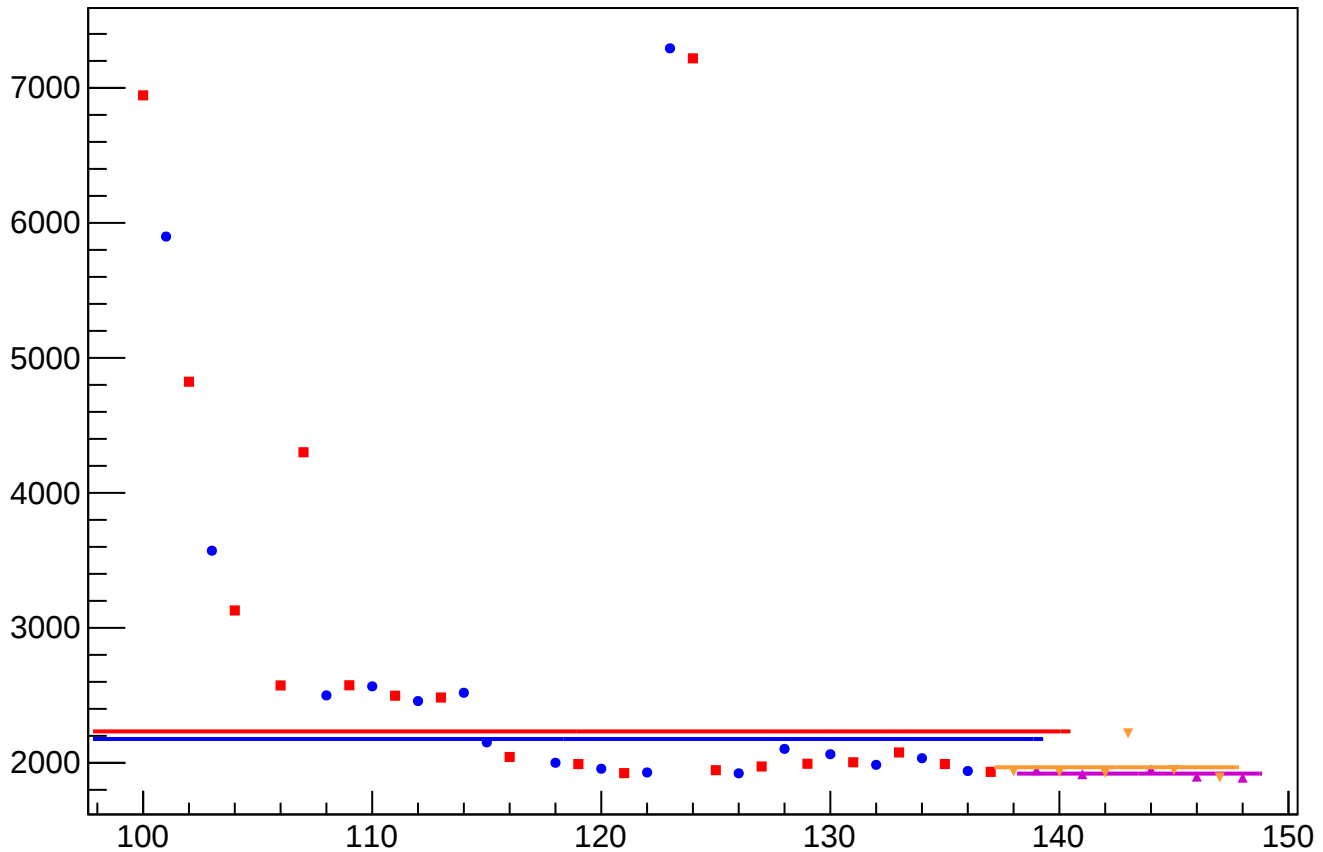
Right: -706.757 ± 613.998 χ^2/NDF : 37.6/35

In: -1121.605 ± 640.513 χ^2/NDF : 30.2/21

Out: -587.477 ± 642.662 χ^2/NDF : 25.6/24

All: -855.435 ± 453.669 χ^2/NDF : 56.2/46

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1967.290 $\pm$ 0.675 χ^2/NDF : 23533.2/5

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

Left In: 1920.350 $\pm$ 0.671 χ^2/NDF : 1335.2/4

Left: 1943.669 $\pm$ 0.476 χ^2/NDF : 27298.8/10

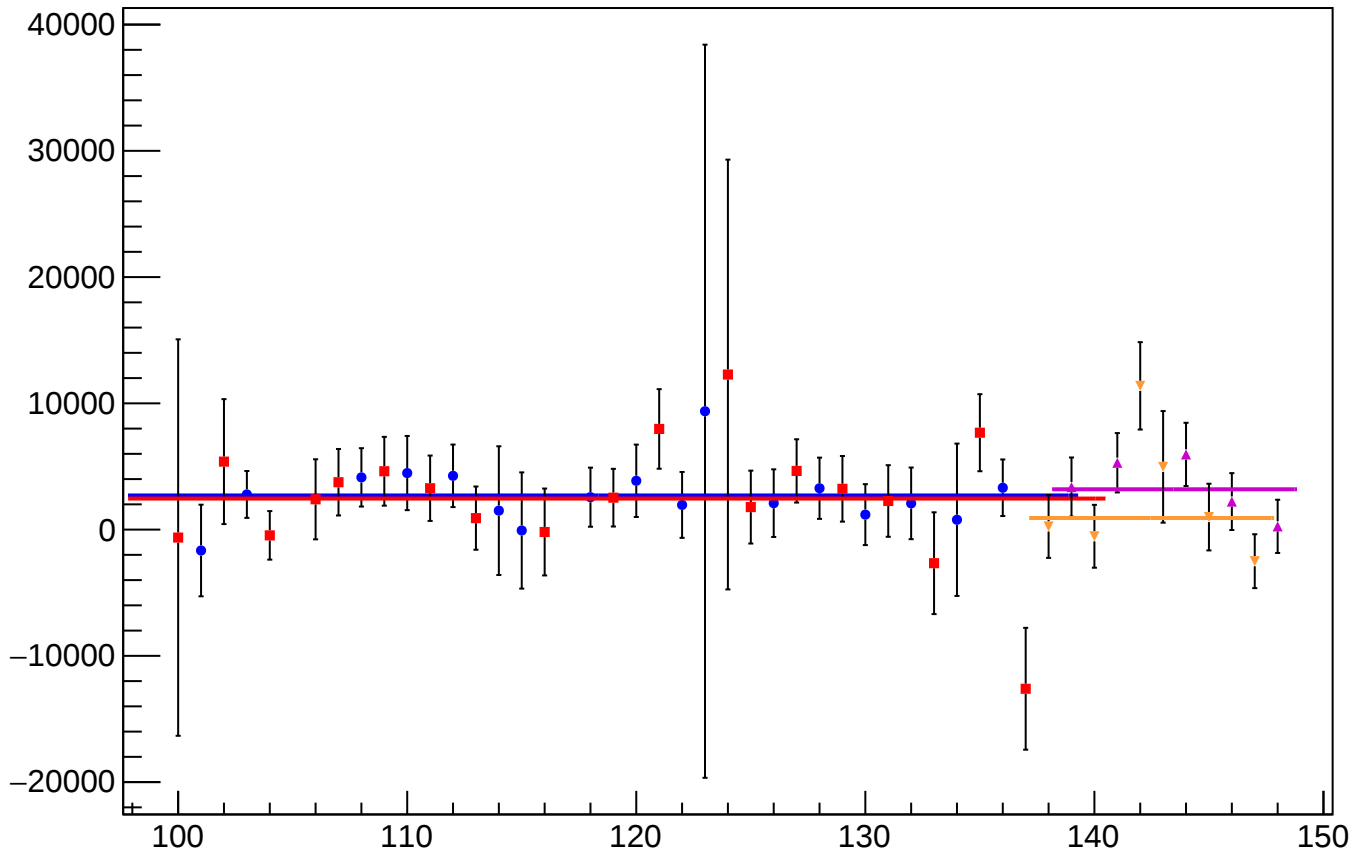
Right: 2204.793 $\pm$ 0.434 χ^2/NDF : 1697410.2/35

In: 2059.968 $\pm$ 0.453 χ^2/NDF : 883496.7/21

Out: 2112.662 $\pm$ 0.454 χ^2/NDF : 998716.5/24

All: 2086.227 $\pm$ 0.321 χ^2/NDF : 1888958.9/46

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 918.117 $\pm$ 1104.191 χ^2 /NDF:13.0/5

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

Left In: 3192.785 $\pm$ 1028.864 χ^2 /NDF:4.1/4

Left: 2135.679 $\pm$ 752.739 χ^2 /NDF: 19.4/10

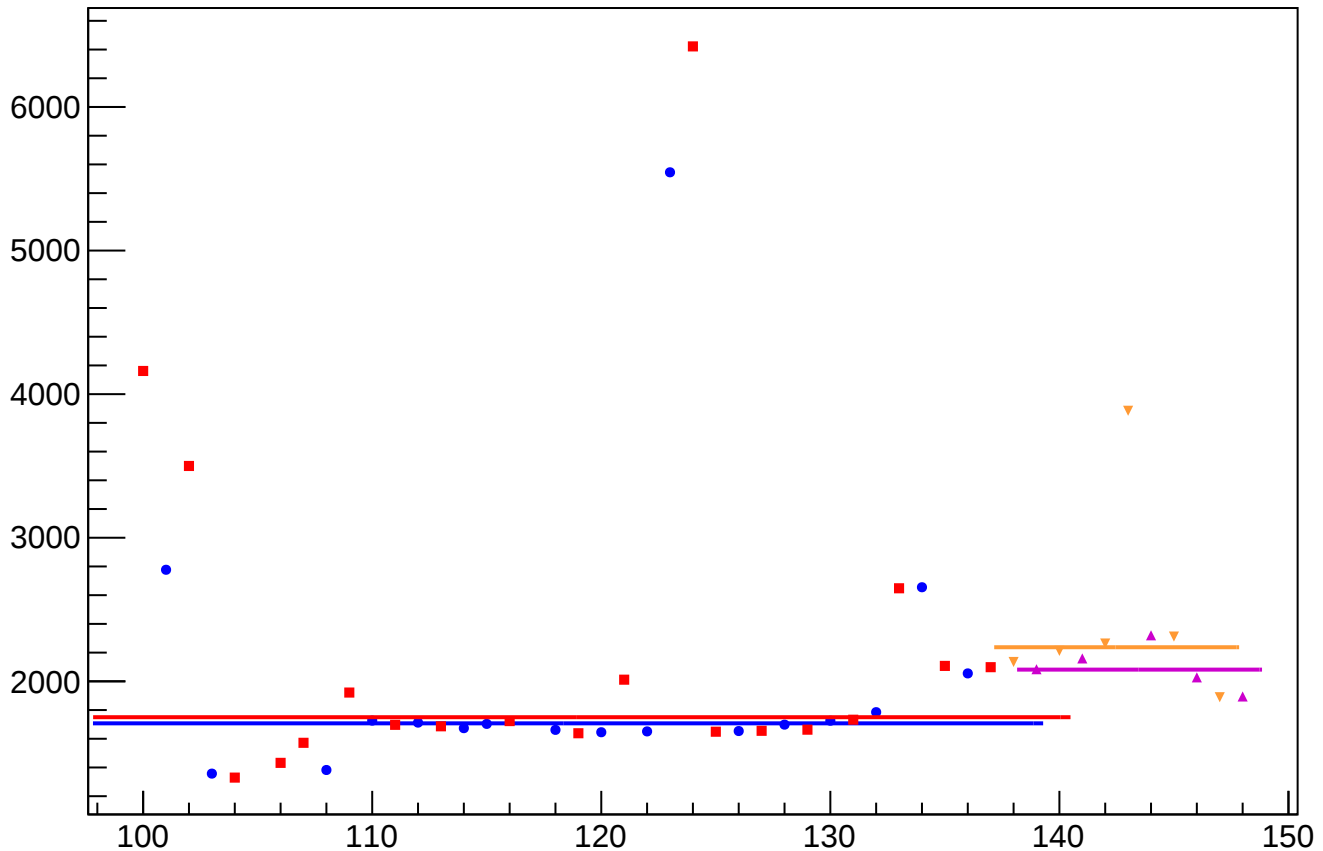
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 2850.398 $\pm$ 563.736 χ^2 /NDF:8.3/21

Out: 2032.734 $\pm$ 580.632 χ^2 /NDF:37.6/24

All: 2453.636 $\pm$ 404.463 χ^2 /NDF: 47.0/46

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2237.406 ± 0.781 χ^2/NDF : 336140.5/5

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

Left In: 2081.526 ± 0.728 χ^2/NDF : 37301.2/4

Left: 2153.968 ± 0.532 χ^2/NDF : 394776.9/10

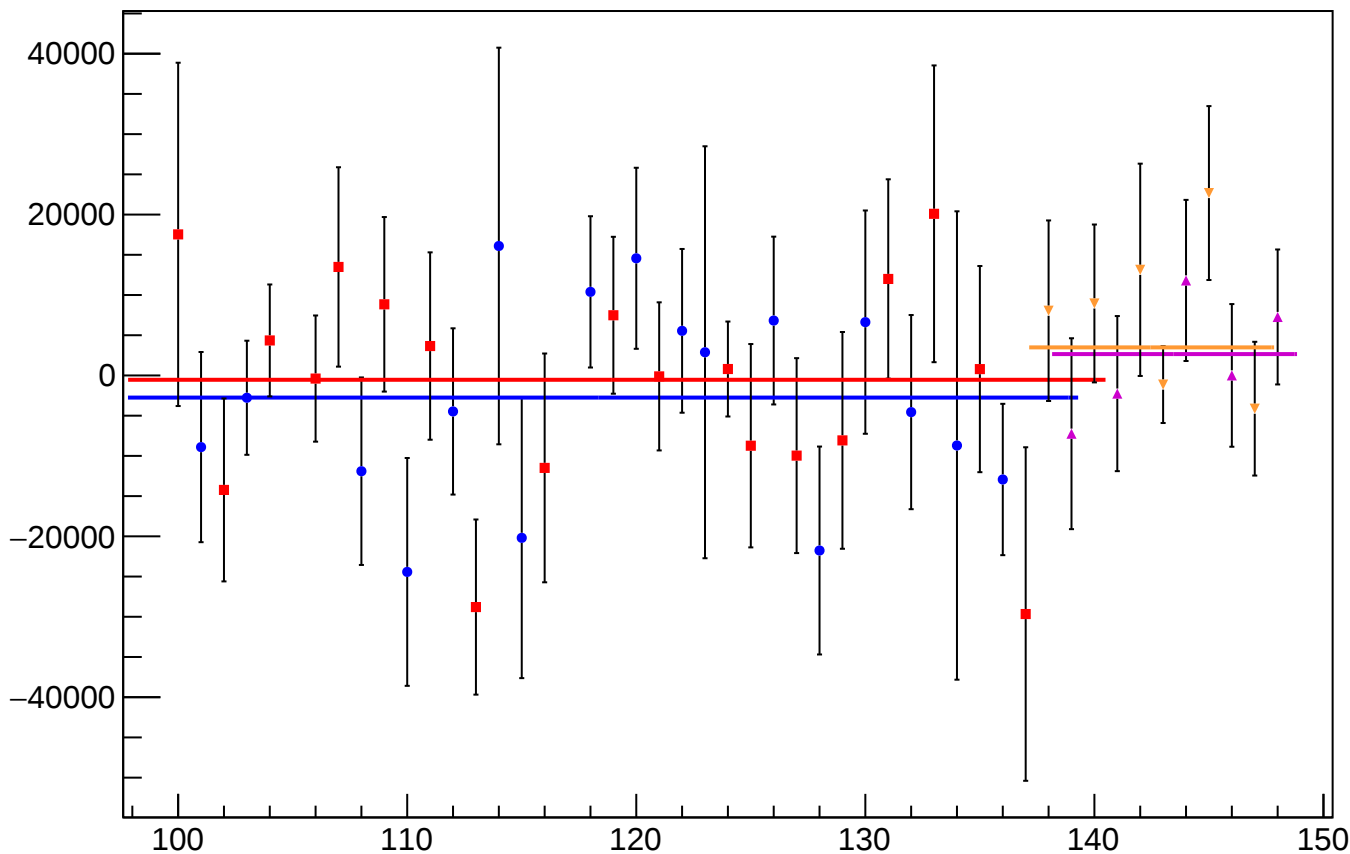
Right: 1728.481 ± 0.339 χ^2/NDF : 1172634.0/35

In: 1819.709 ± 0.399 χ^2/NDF : 644541.5/21

Out: 1884.803 ± 0.410 χ^2/NDF : 1364488.0/24

All: 1851.302 ± 0.286 χ^2/NDF : 2021971.4/46

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 3488.834+/-3317.581 χ^2/NDF : 5.9/5

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

Left In: 2656.346+/-4273.560 χ^2/NDF : 2.2/4

Left: 3175.792+/-2620.611 χ^2/NDF : 8.1/10

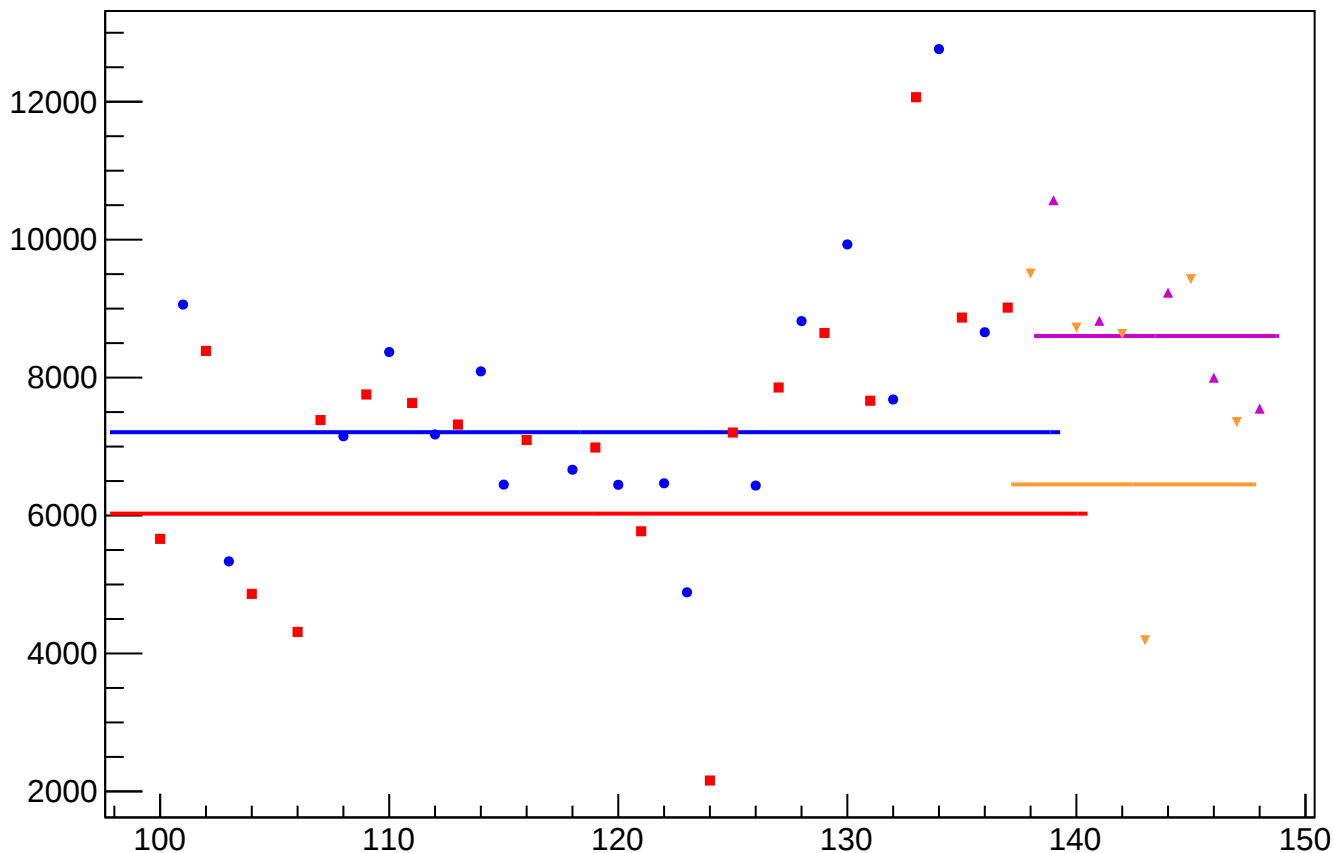
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

In: -1092.382+/-2366.715 χ^2/NDF : 17.9/21

Out: 863.976+/-1957.739 χ^2/NDF : 25.4/24

All: 69.175+/-1508.520 χ^2/NDF : 43.6/46

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6451.320+/-2.346 χ^2/NDF : 932686.3/5

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

Left In: 8602.832+/-3.022 χ^2/NDF : 104832.3/4

Left: 7260.359+/-1.853 χ^2/NDF : 1353818.9/10

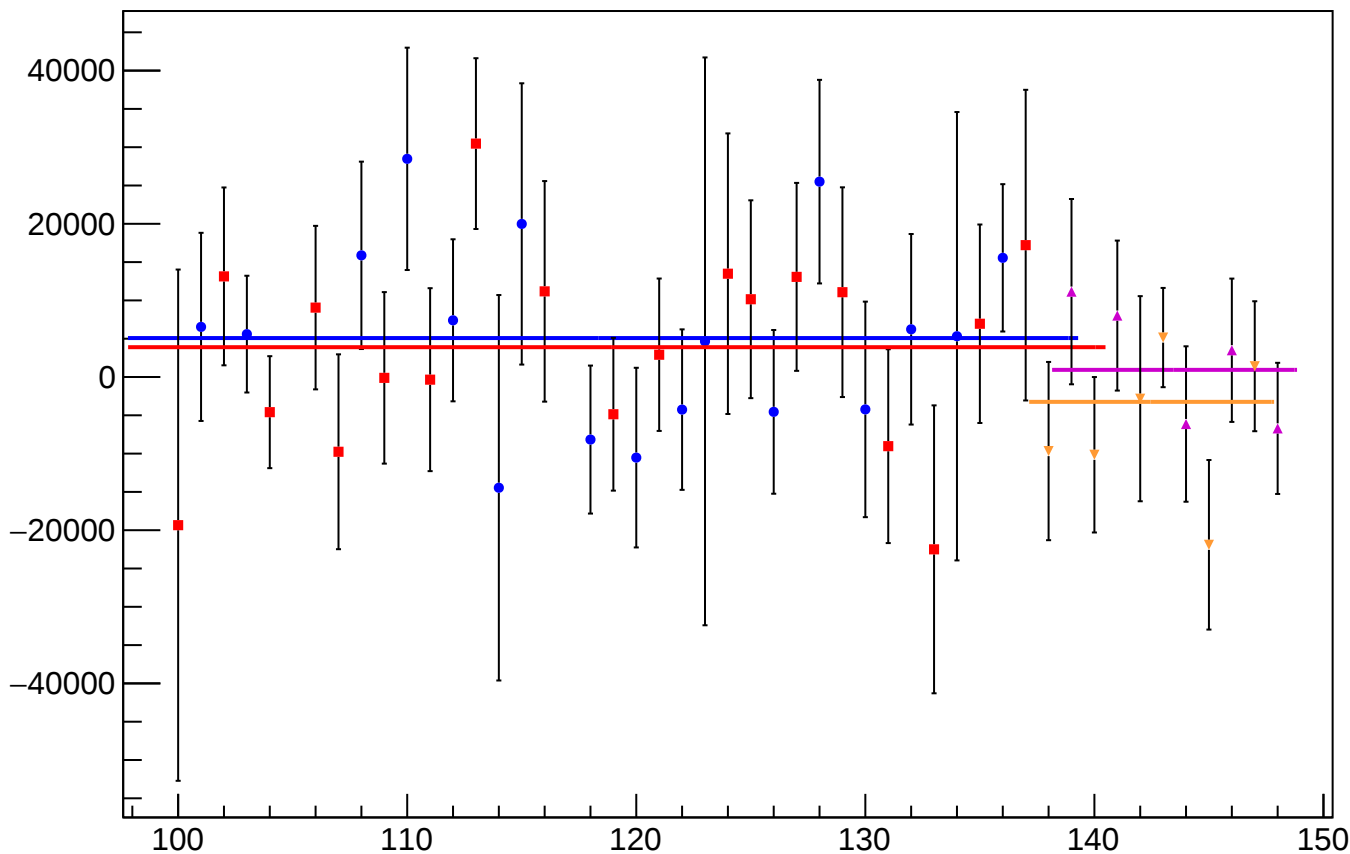
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 7636.033+/-1.674 χ^2/NDF : 746220.9/21

Out: 6175.028+/-1.384 χ^2/NDF : 2752126.7/24

All: 6768.584+/-1.067 χ^2/NDF : 3950863.7/46

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -3243.716+/-3819.213 χ^2/NDF : 5.6/5

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

Left In: 932.998+/-4382.879 χ^2/NDF : 2.6/4

Left: -1441.042+/-2879.391 χ^2/NDF : 8.7/10

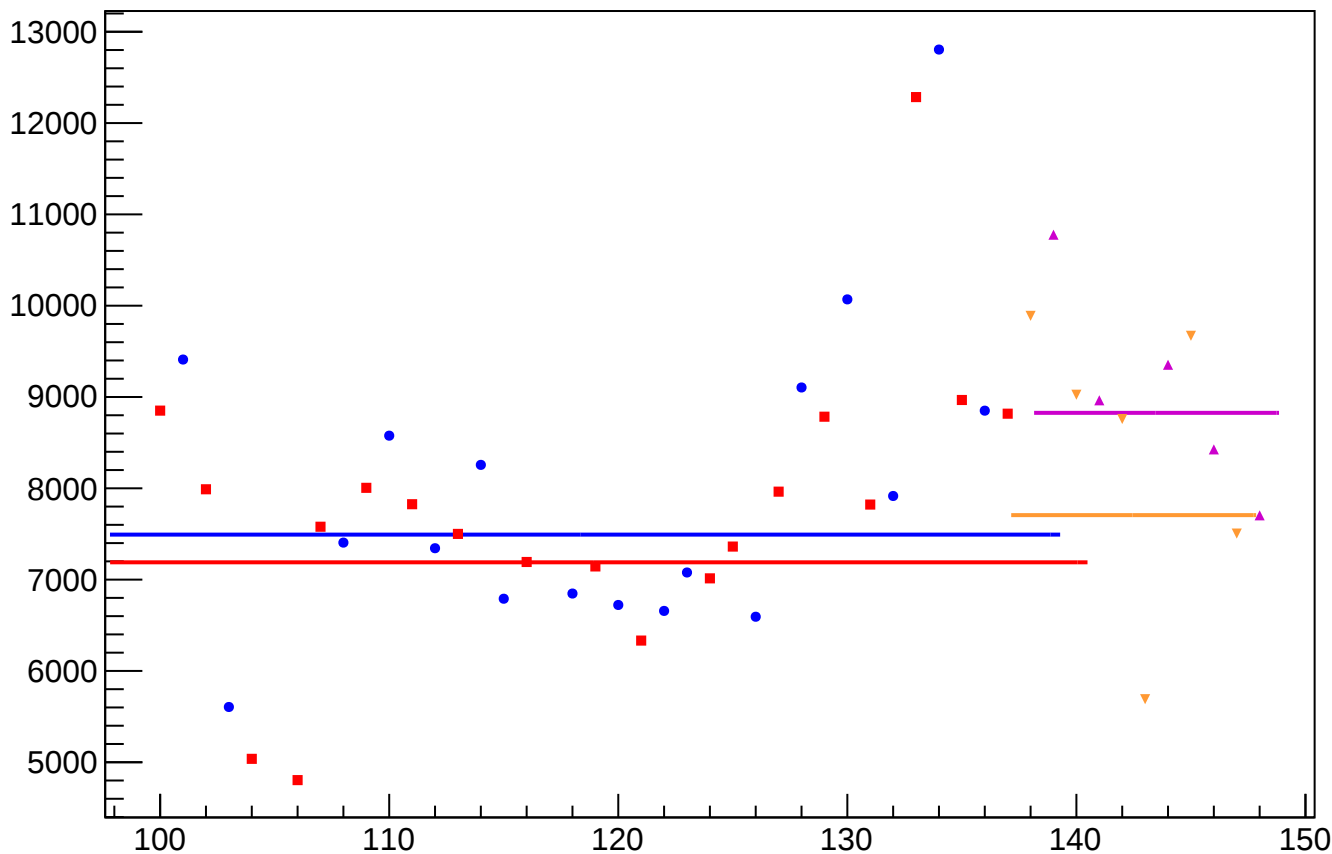
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3787.057+/-2450.280 χ^2/NDF : 17.2/21

Out: 1408.726+/-2253.034 χ^2/NDF : 23.5/24

All: 2498.326+/-1658.490 χ^2/NDF : 41.2/46

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7706.335 $\pm$ 2.701 χ^2/NDF : 374209.4/5

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

Left In: 8826.470 $\pm$ 3.099 χ^2/NDF : 95858.5/4

Left: 8189.786 $\pm$ 2.036 χ^2/NDF : 544319.4/10

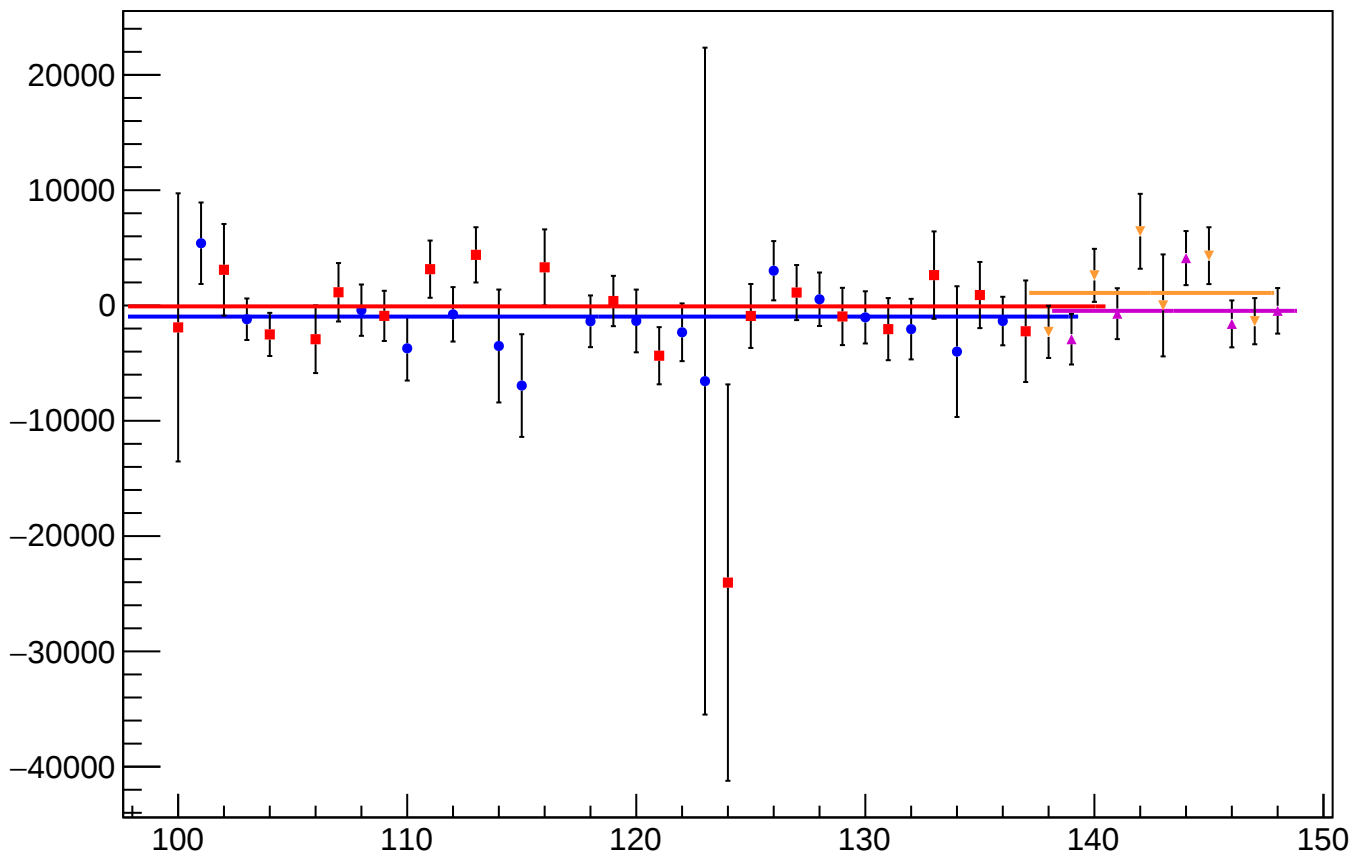
Right: 7332.491 $\pm$ 1.434 χ^2/NDF : 1009125.7/35

In: 7909.698 $\pm$ 1.733 χ^2/NDF : 660229.4/21

Out: 7369.335 $\pm$ 1.593 χ^2/NDF : 958984.7/24

All: 7616.877 $\pm$ 1.173 χ^2/NDF : 1671925.1/46

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 1089.970+/-1029.262 χ^2/NDF : 8.6/5

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

Left In: -465.329+/-956.743 χ^2/NDF : 5.4/4

Left: 255.604+/-700.755 χ^2/NDF : 15.3/10

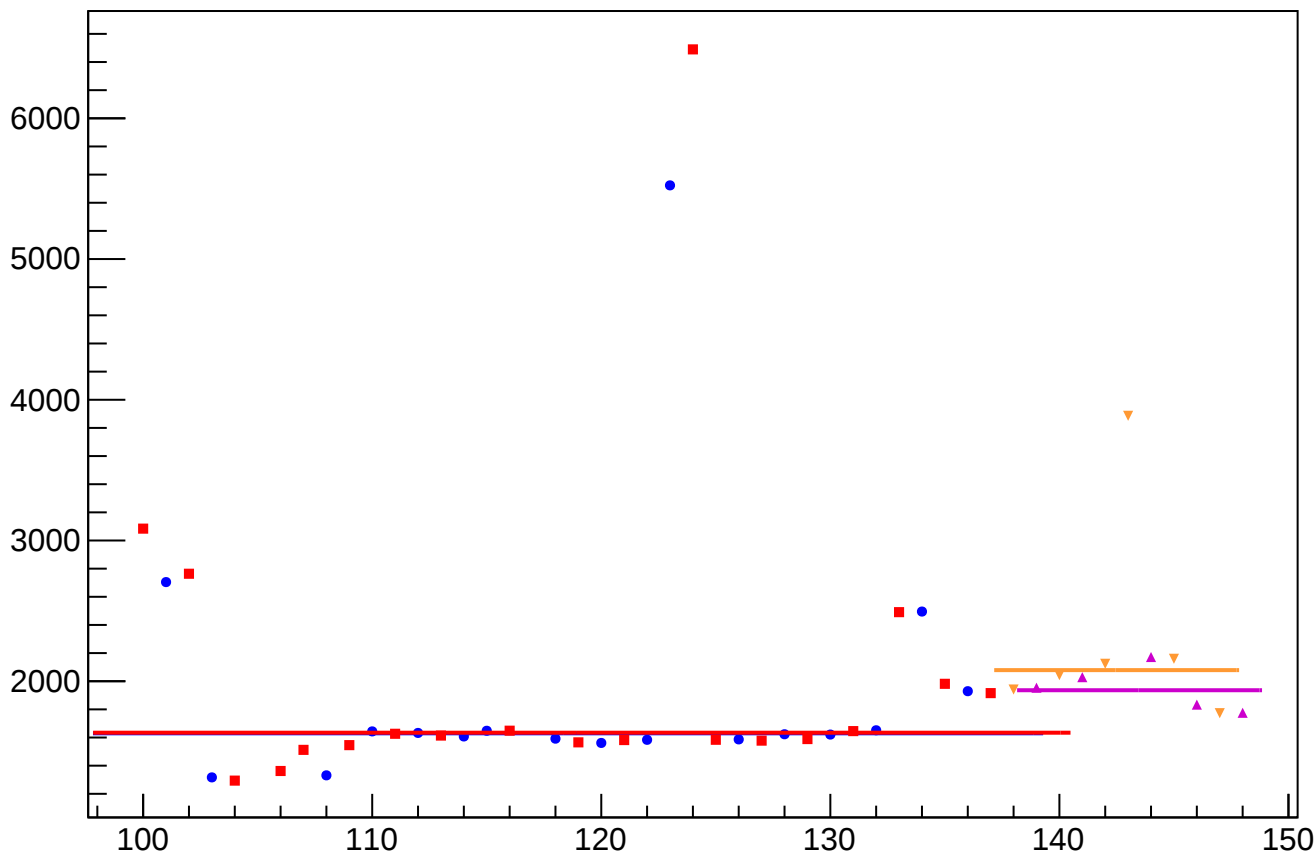
Right: -513.024+/-451.276 χ^2/NDF : 27.8/35

In: -807.828+/-533.687 χ^2/NDF : 15.6/21

Out: 243.792+/-539.490 χ^2/NDF : 26.3/24

All: -287.704+/-379.409 χ^2/NDF : 43.9/46

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2078.903+/-0.728 χ^2/NDF : 391074.3/5

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

Left In: 1936.022+/-0.677 χ^2/NDF : 42151.7/4

Left: 2002.252+/-0.496 χ^2/NDF : 453902.2/10

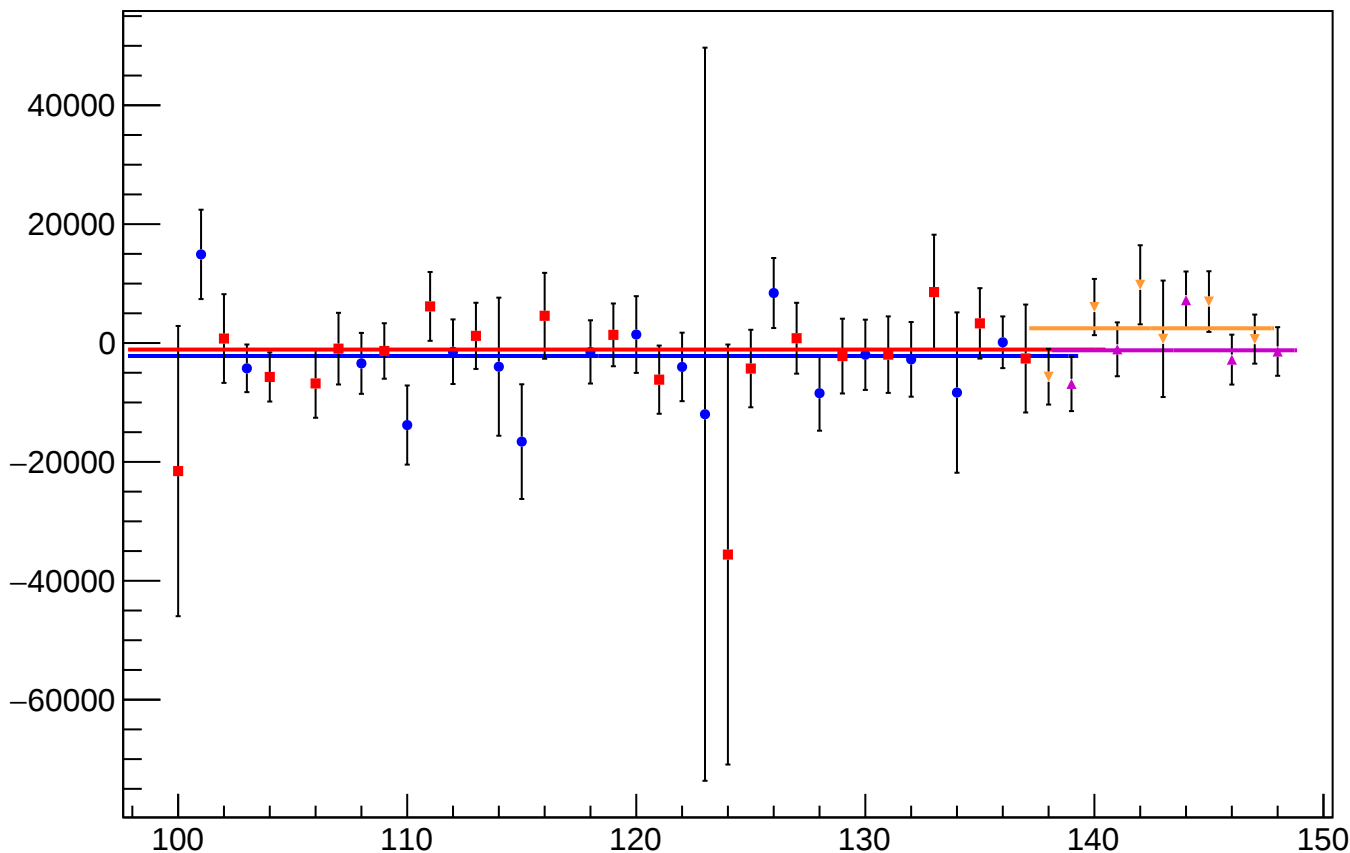
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1725.190+/-0.377 χ^2/NDF : 591295.5/21

Out: 1756.417+/-0.381 χ^2/NDF : 1250433.0/24

All: 1740.635+/-0.268 χ^2/NDF : 1845115.1/46

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2483.266+/-2130.443 χ^2/NDF : 5.8/5

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

Left In: -1224.854+/-1976.810 χ^2/NDF : 4.7/4

Left: 490.697+/-1449.088 χ^2/NDF : 12.2/10

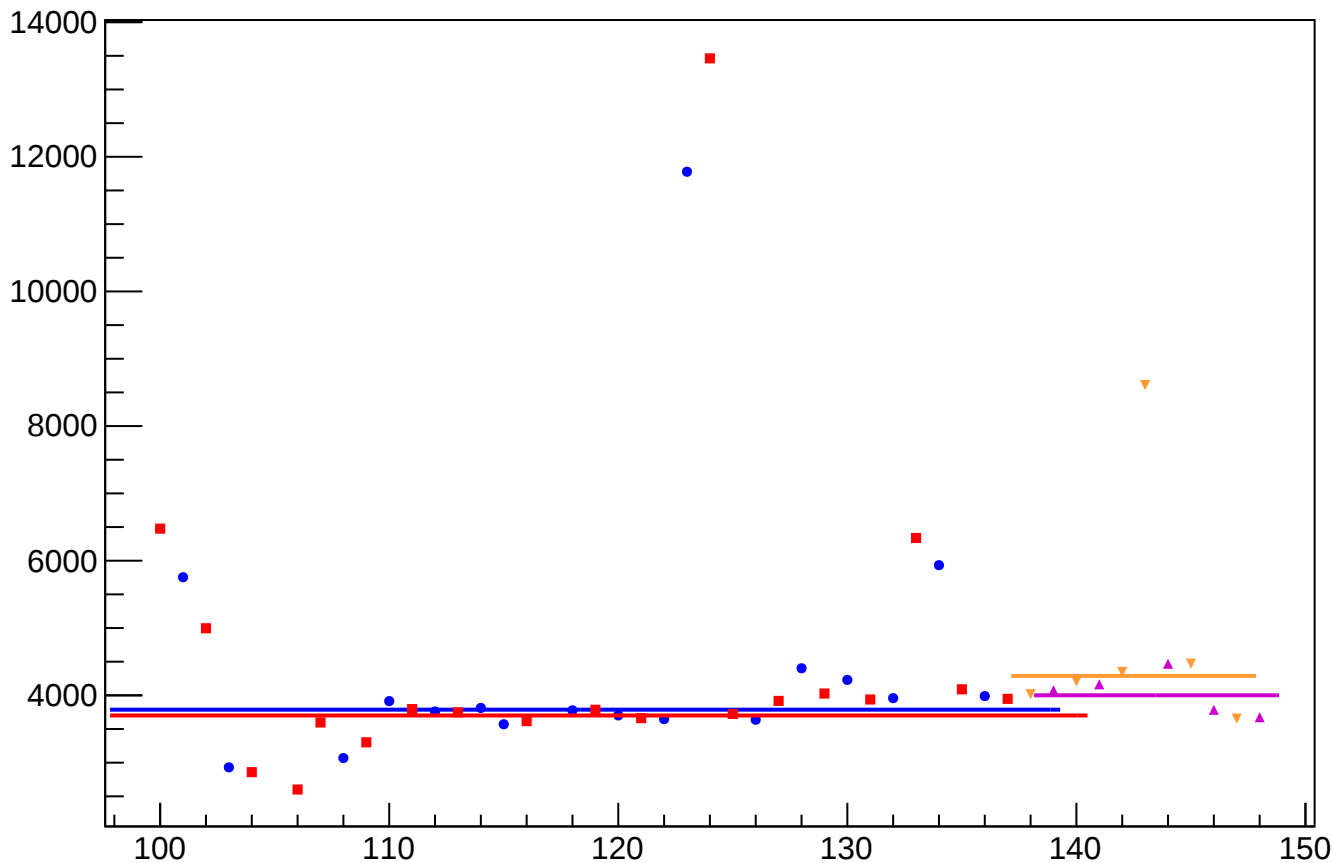
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1832.578+/-1191.400 χ^2/NDF : 20.9/21

Out: 24.632+/-1192.933 χ^2/NDF : 17.0/24

All: -905.167+/-842.988 χ^2/NDF : 39.1/46

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301 $\pm$ 1.056 χ^2/NDF : 392650.8/16

Left Out: 4288.726 $\pm$ 1.506 χ^2/NDF : 446221.5/5

Right Out: 3700.932 $\pm$ 1.018 χ^2/NDF : 581094.9/18

Left In: 4000.771 $\pm$ 1.398 χ^2/NDF : 40010.1/4

Left: 4133.993 $\pm$ 1.025 χ^2/NDF : 505865.1/10

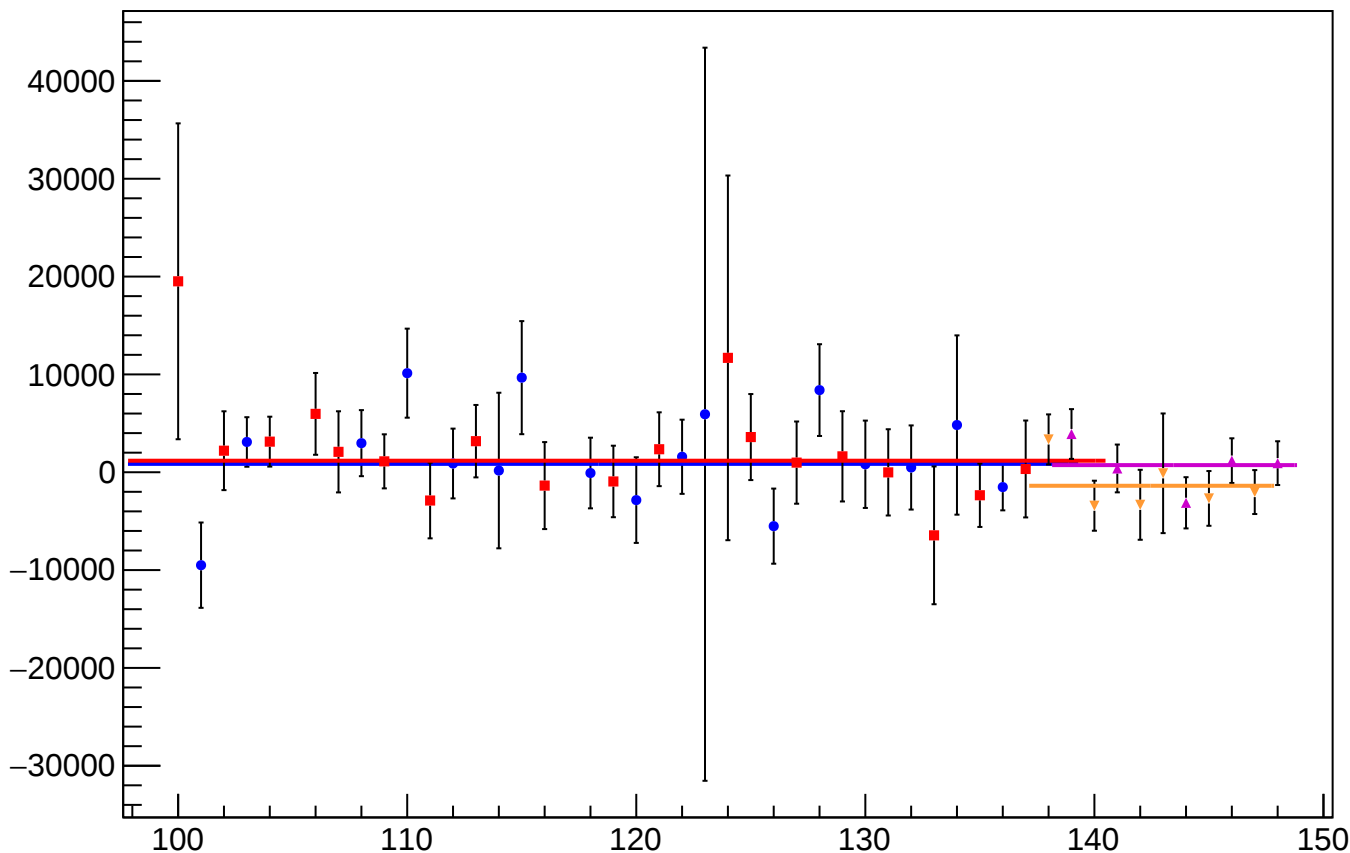
Right: 3742.549 $\pm$ 0.733 χ^2/NDF : 977213.6/35

In: 3864.841 $\pm$ 0.842 χ^2/NDF : 447511.9/21

Out: 3885.223 $\pm$ 0.844 χ^2/NDF : 1131827.4/24

All: 3875.019 $\pm$ 0.596 χ^2/NDF : 1579631.7/46

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1382.173 $\pm$ 1165.057 χ^2 /NDF: 4.7/5

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

Left In: 729.035 $\pm$ 1078.385 χ^2 /NDF: 3.8/4

Left: -245.127 $\pm$ 791.402 χ^2 /NDF: 10.3/10

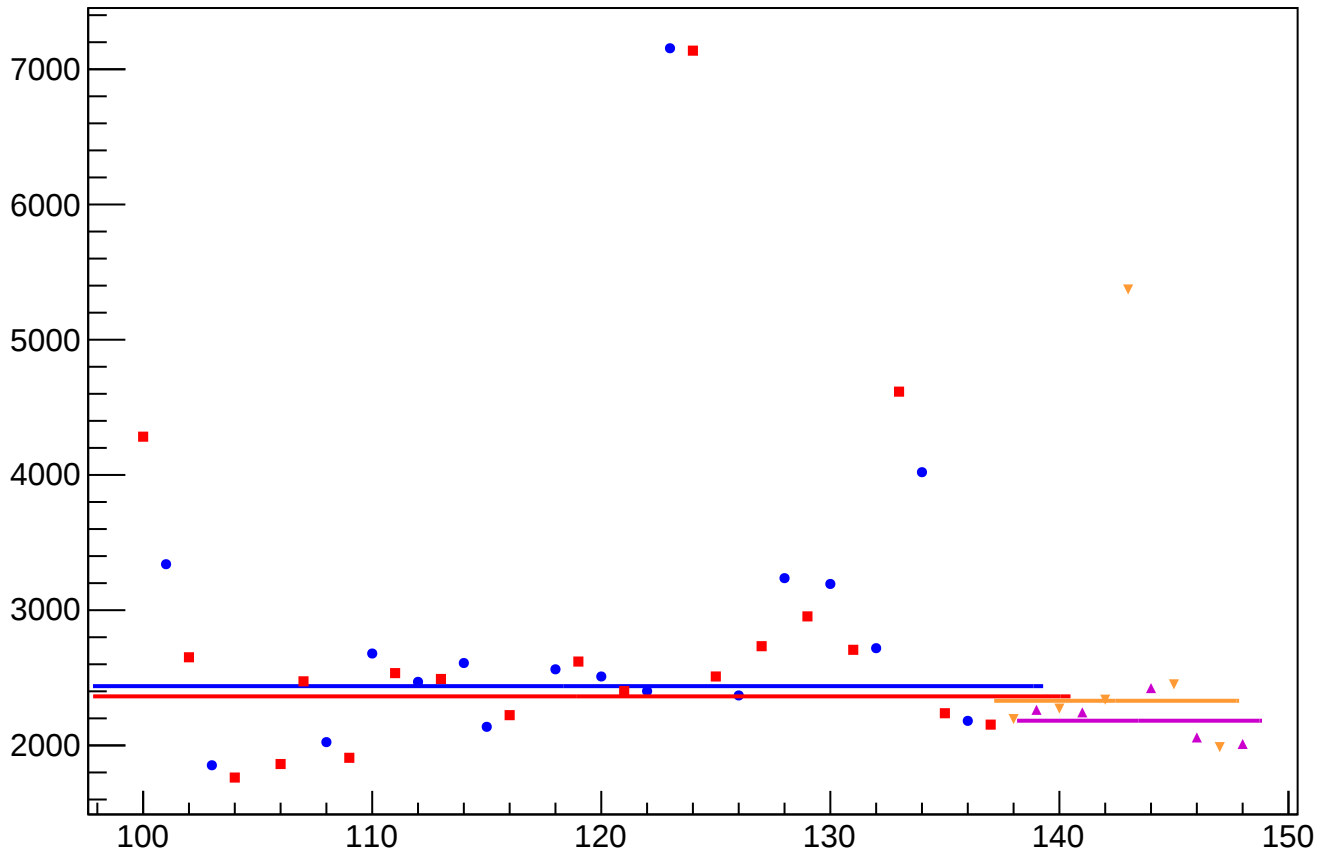
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 799.662 $\pm$ 719.009 χ^2 /NDF: 24.5/21

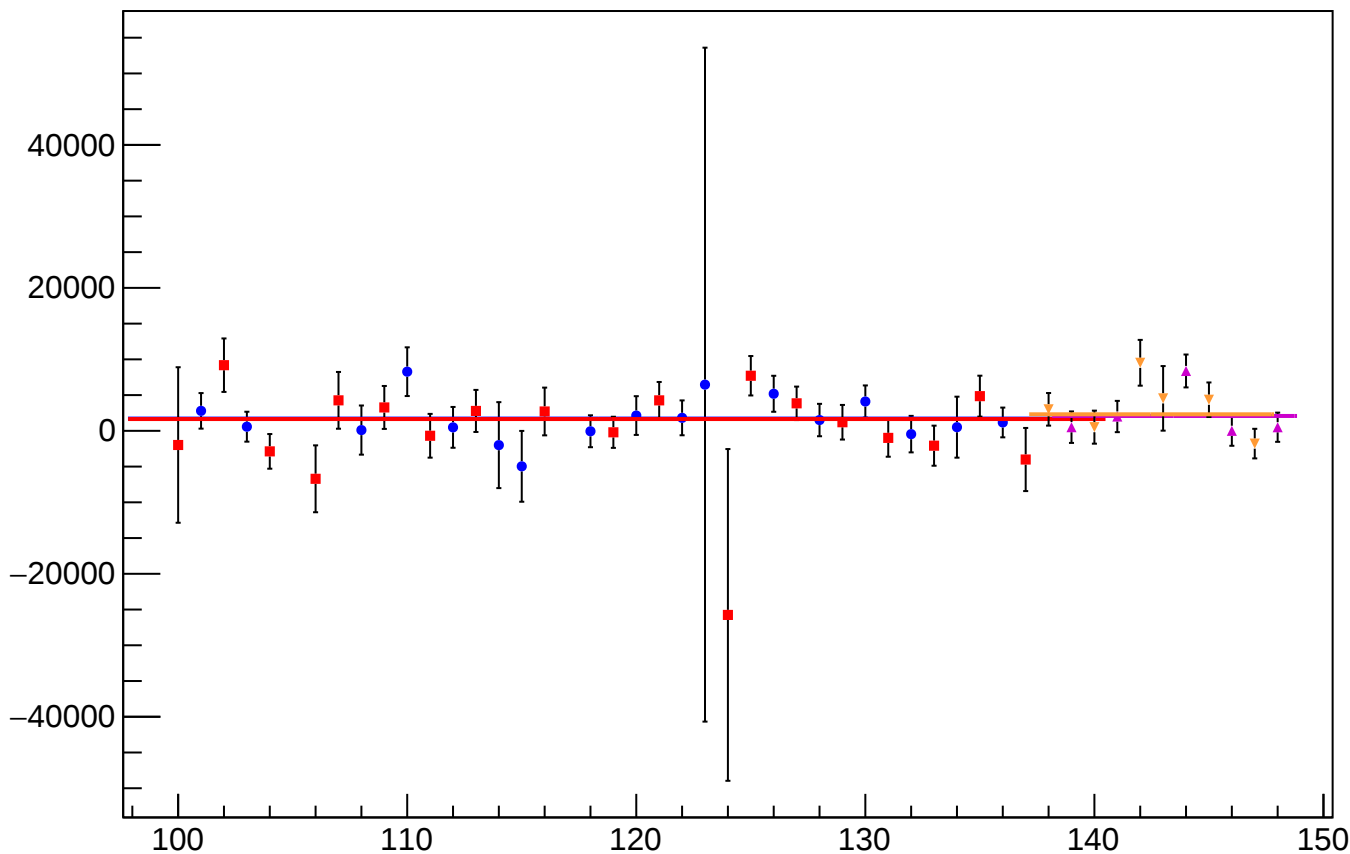
Out: 187.286 $\pm$ 724.757 χ^2 /NDF: 16.2/24

All: 495.912 $\pm$ 510.436 χ^2 /NDF: 41.0/46

asym_at2_dd_rms vs Slug, Sign Corrected



dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 2314.062+/-1036.554 χ^2/NDF :10.6/5

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

Left In: 2080.940+/-966.073 χ^2/NDF :9.6/4

Left: 2189.306+/-706.721 χ^2/NDF : 20.2/10

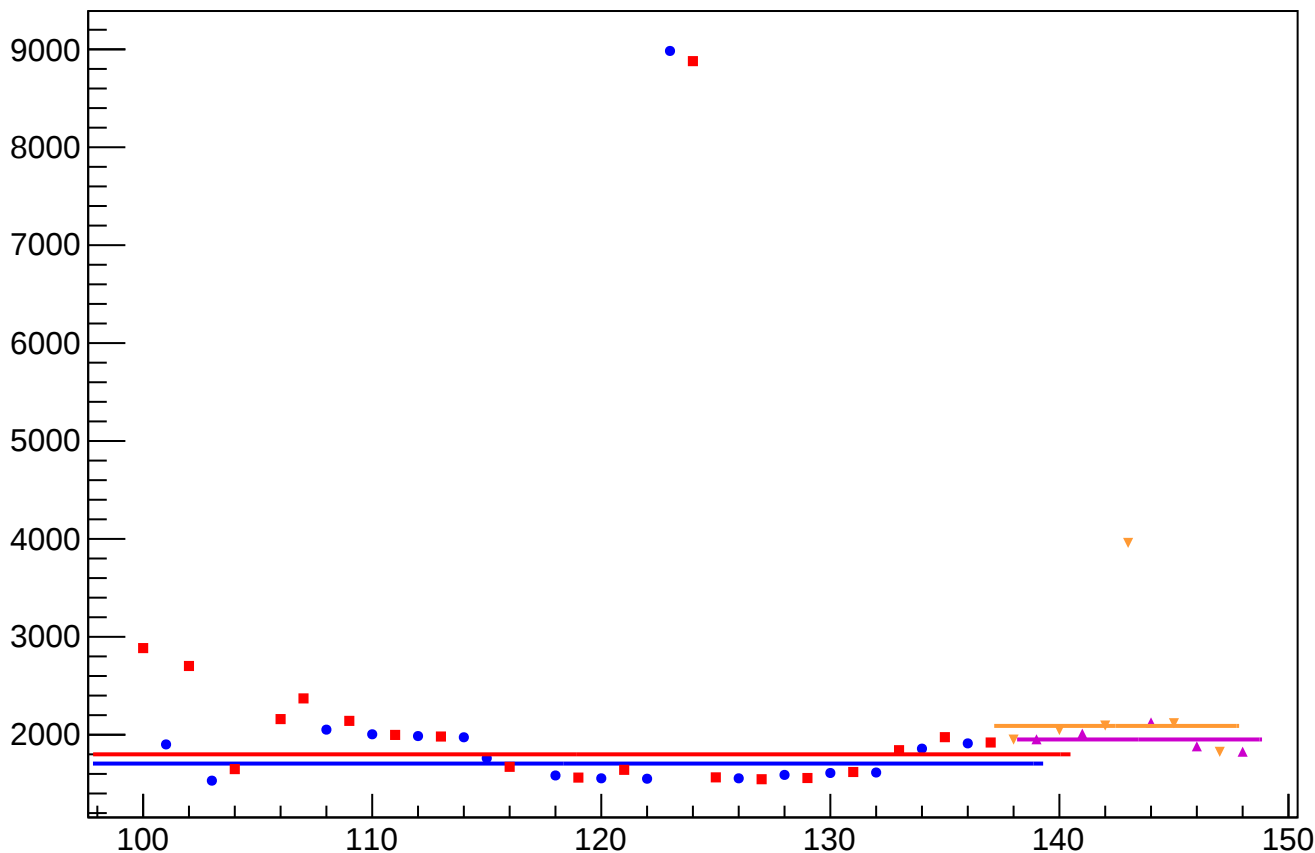
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 1831.516+/-548.969 χ^2/NDF :21.0/21

Out: 1856.016+/-576.843 χ^2/NDF :37.9/24

All: 1843.160+/-397.669 χ^2/NDF : 58.9/46

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2090.198+/-0.733 χ^2/NDF : 383438.5/5

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

Left In: 1951.770+/-0.683 χ^2/NDF : 22676.8/4

Left: 2016.118+/-0.500 χ^2/NDF : 425203.8/10

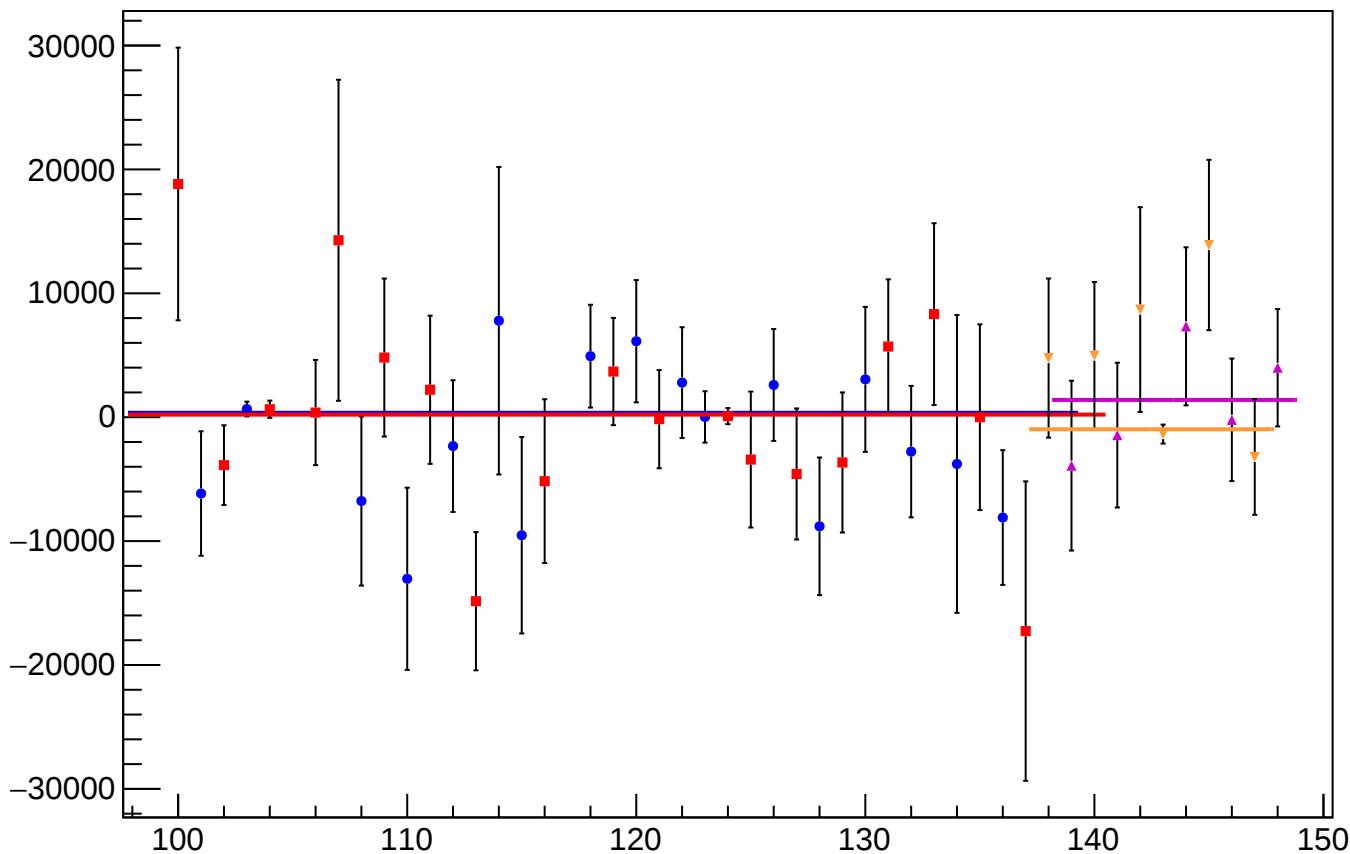
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1785.106+/-0.388 χ^2/NDF : 304762.1/21

Out: 1889.596+/-0.407 χ^2/NDF : 1030583.4/24

All: 1834.844+/-0.281 χ^2/NDF : 1369836.0/46

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -974.088+/-737.610 χ^2/NDF : 8.3/5

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

Left In: 1394.677+/-2495.239 χ^2/NDF : 2.1/4

Left: -783.731+/-707.352 χ^2/NDF : 11.3/10

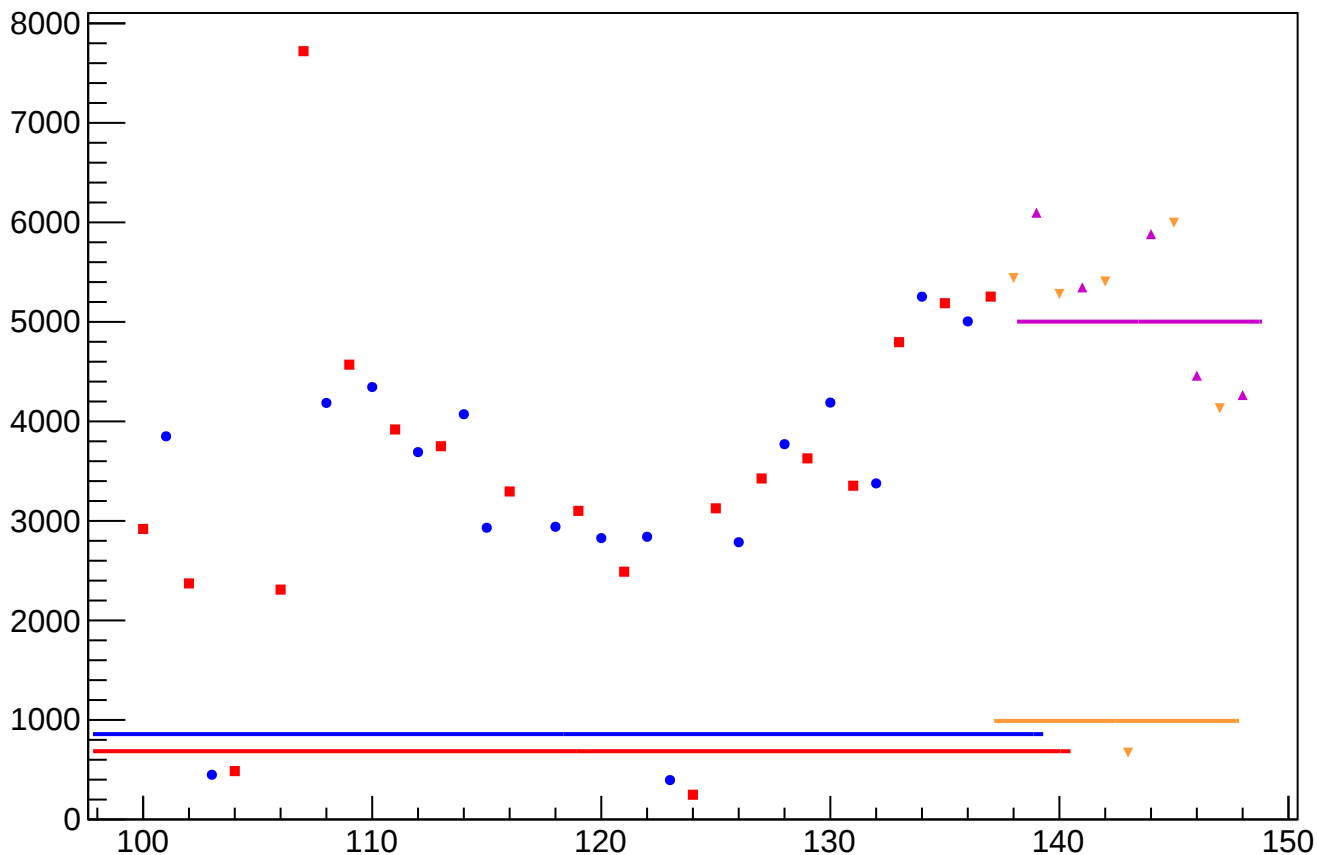
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

In: 402.339+/-521.437 χ^2/NDF : 19.8/21

Out: -107.731+/-382.048 χ^2/NDF : 31.6/24

All: 70.440+/-308.181 χ^2/NDF : 52.0/46

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 990.494+/-0.522 χ^2/NDF : 4888146.6/5

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

Left In: 5002.812+/-1.764 χ^2/NDF : 168536.6/4

Left: 1312.929+/-0.500 χ^2/NDF : 9812374.9/10

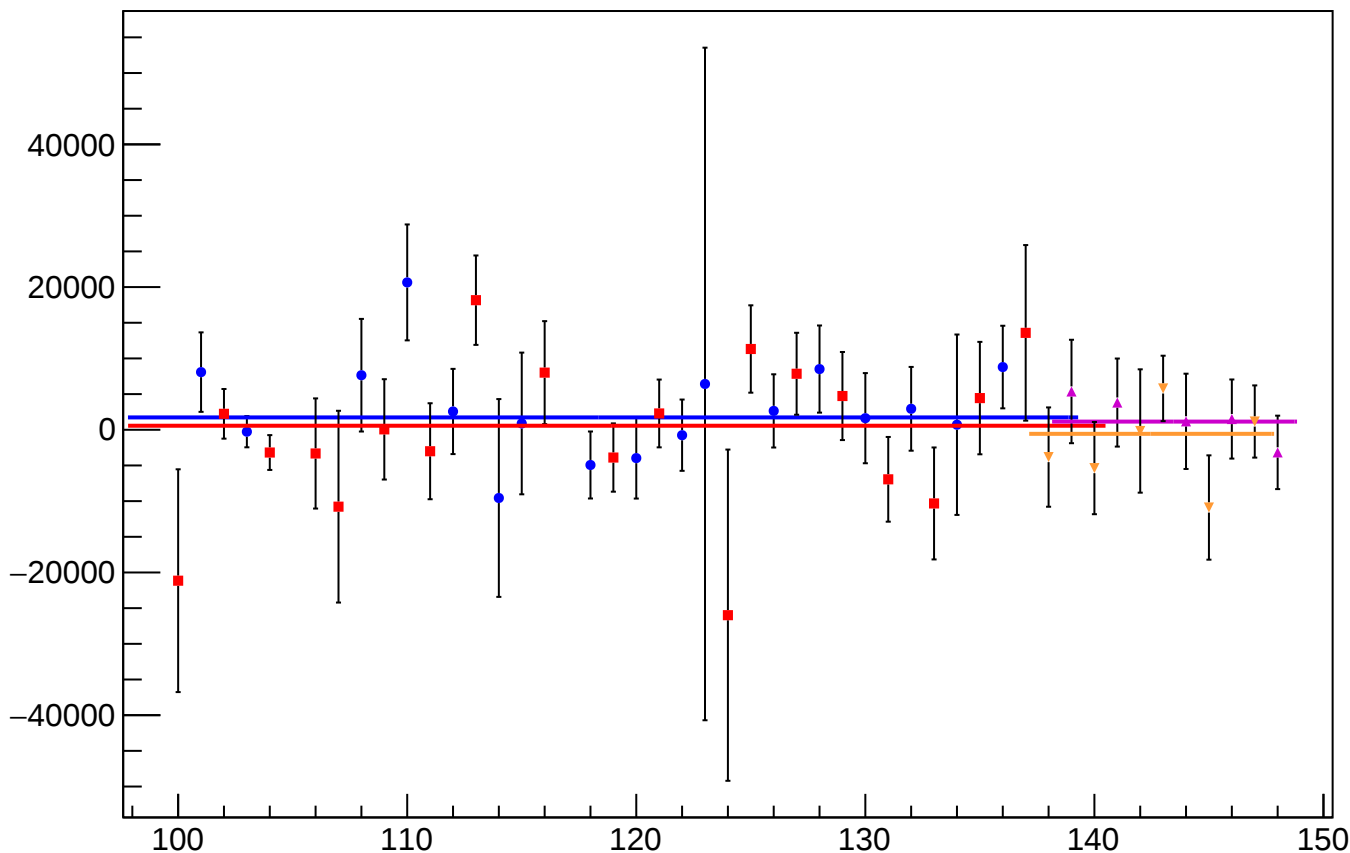
Right: 756.584+/-0.242 χ^2/NDF : 17758209.4/35

In: 1038.497+/-0.369 χ^2/NDF : 13622584.4/21

Out: 767.543+/-0.270 χ^2/NDF : 14598979.6/24

All: 862.189+/-0.218 χ^2/NDF : 28572958.0/46

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -568.310+/-2474.347 χ^2/NDF : 4.8/5

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

Left In: 1146.697+/-2691.810 χ^2/NDF : 1.2/4

Left: 217.130+/-1821.663 χ^2/NDF : 6.3/10

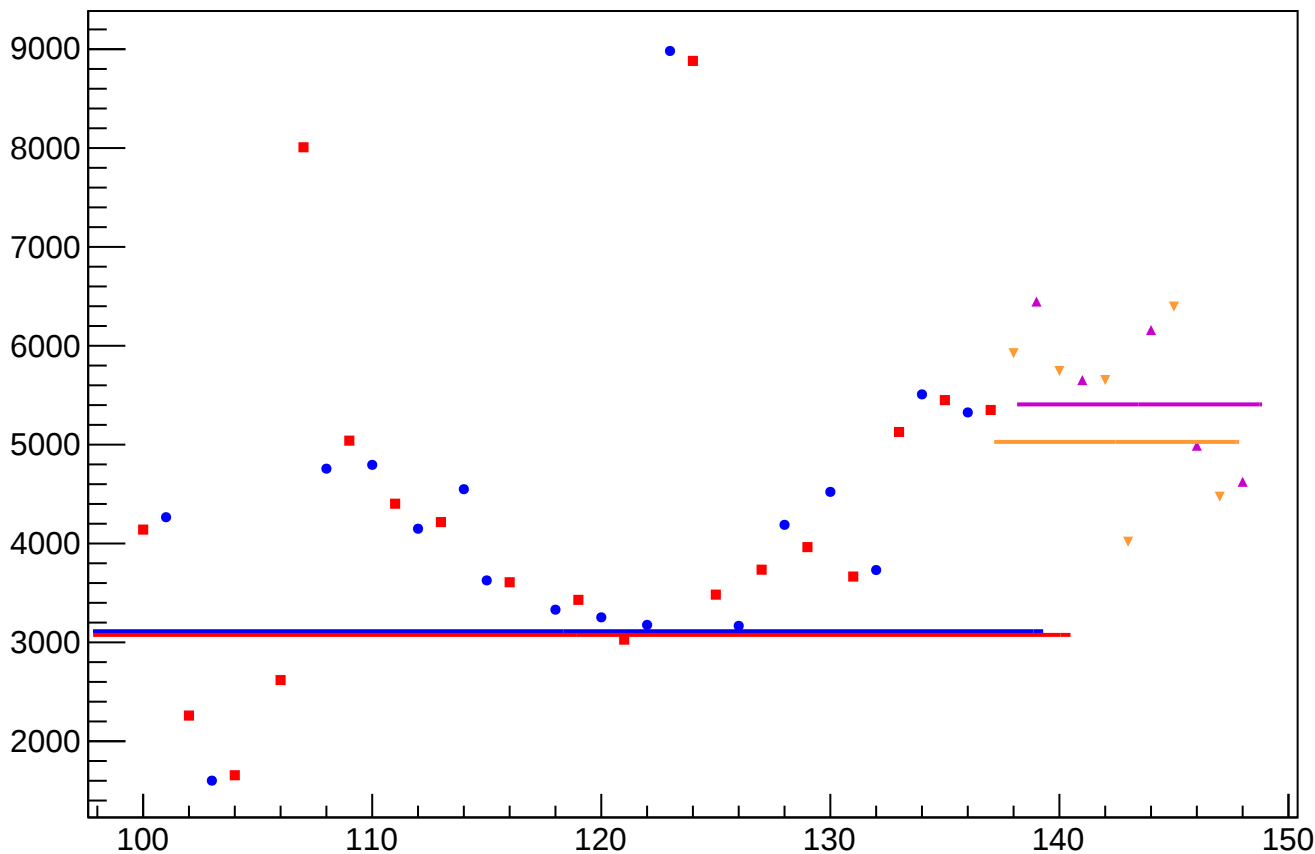
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1621.698+/-1173.991 χ^2/NDF : 16.2/21

Out: 325.522+/-1141.302 χ^2/NDF : 32.1/24

All: 955.314+/-818.335 χ^2/NDF : 48.9/46

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5027.792+/-1.750 χ^2/NDF : 259380.0/5

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

Left In: 5407.055+/-1.903 χ^2/NDF : 127392.7/4

Left: 5201.487+/-1.288 χ^2/NDF : 408292.5/10

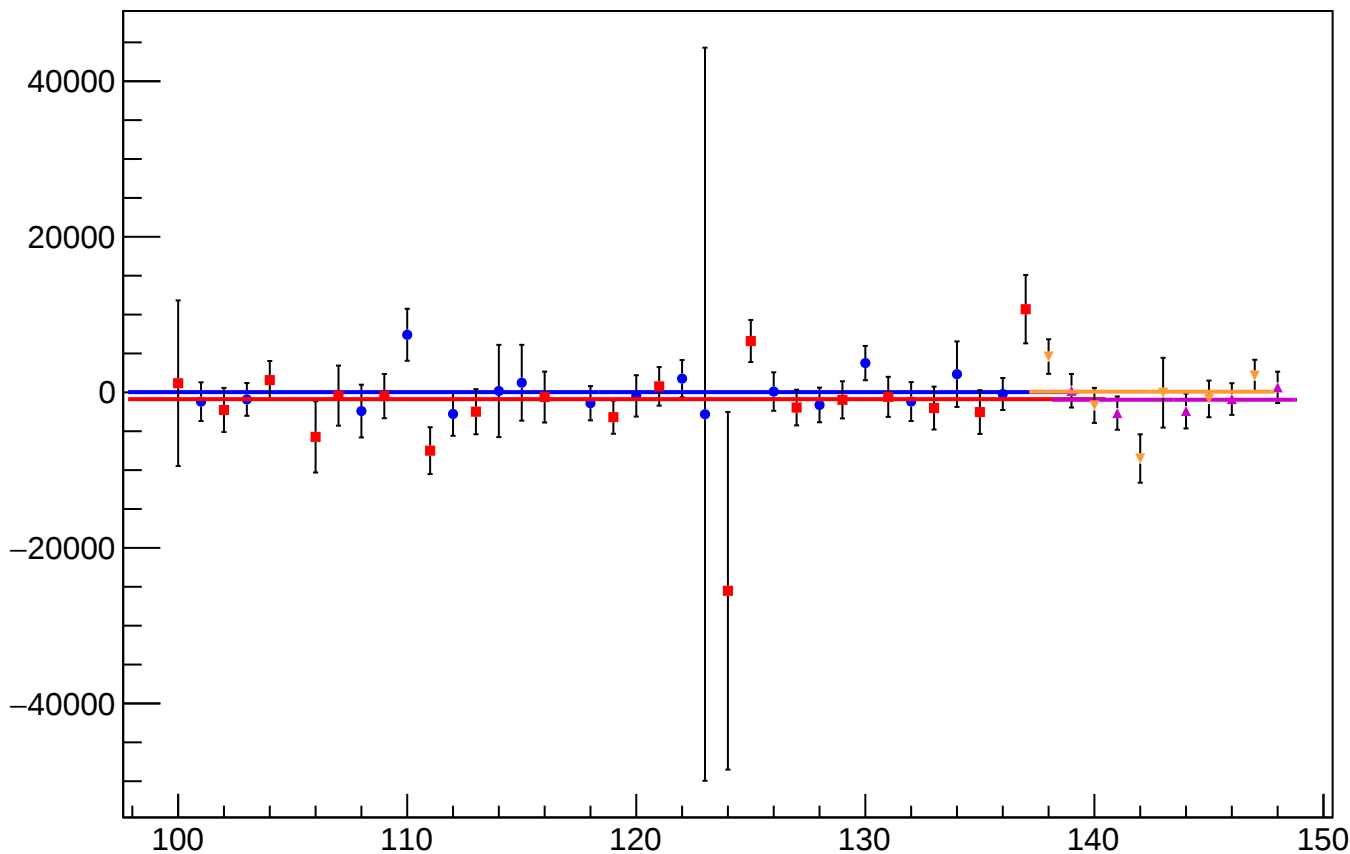
Right: 3093.663+/-0.643 χ^2/NDF : 3896339.1/35

In: 3549.102+/-0.830 χ^2/NDF : 3188532.7/21

Out: 3481.561+/-0.798 χ^2/NDF : 3256394.1/24

All: 3513.990+/-0.575 χ^2/NDF : 6448368.1/46

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 85.510 ± 1013.214 χ^2/NDF : 13.6/5

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

Left In: -950.307 ± 944.807 χ^2/NDF : 2.0/4

Left: -468.543 ± 690.998 χ^2/NDF : 16.1/10

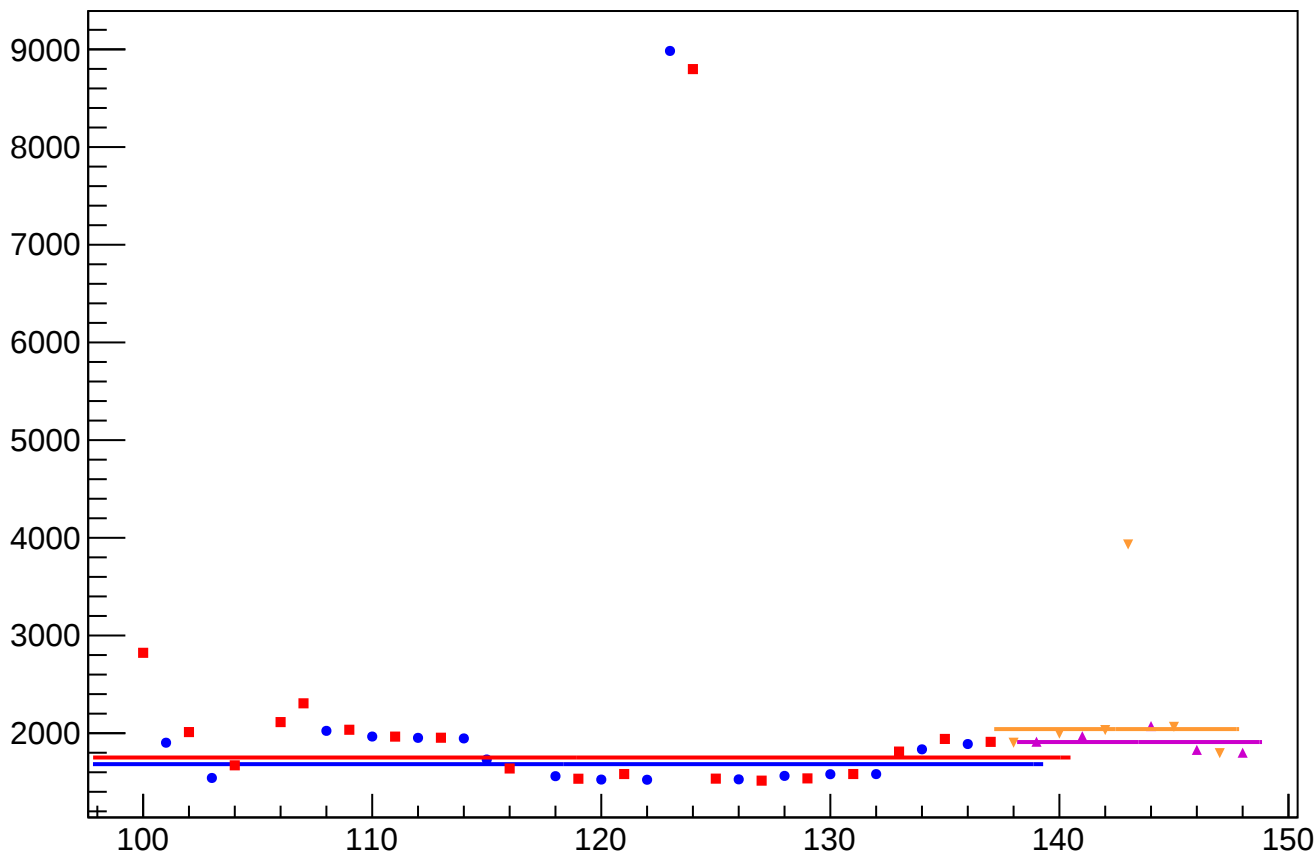
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

In: -291.048 ± 540.179 χ^2/NDF : 14.5/21

Out: -580.426 ± 560.759 χ^2/NDF : 39.8/24

All: -430.330 ± 389.036 χ^2/NDF : 54.5/46

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2042.036+/-0.716 χ^2/NDF : 393067.6/5

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

Left In: 1909.473+/-0.668 χ^2/NDF : 21169.6/4

Left: 1971.129+/-0.489 χ^2/NDF : 432549.5/10

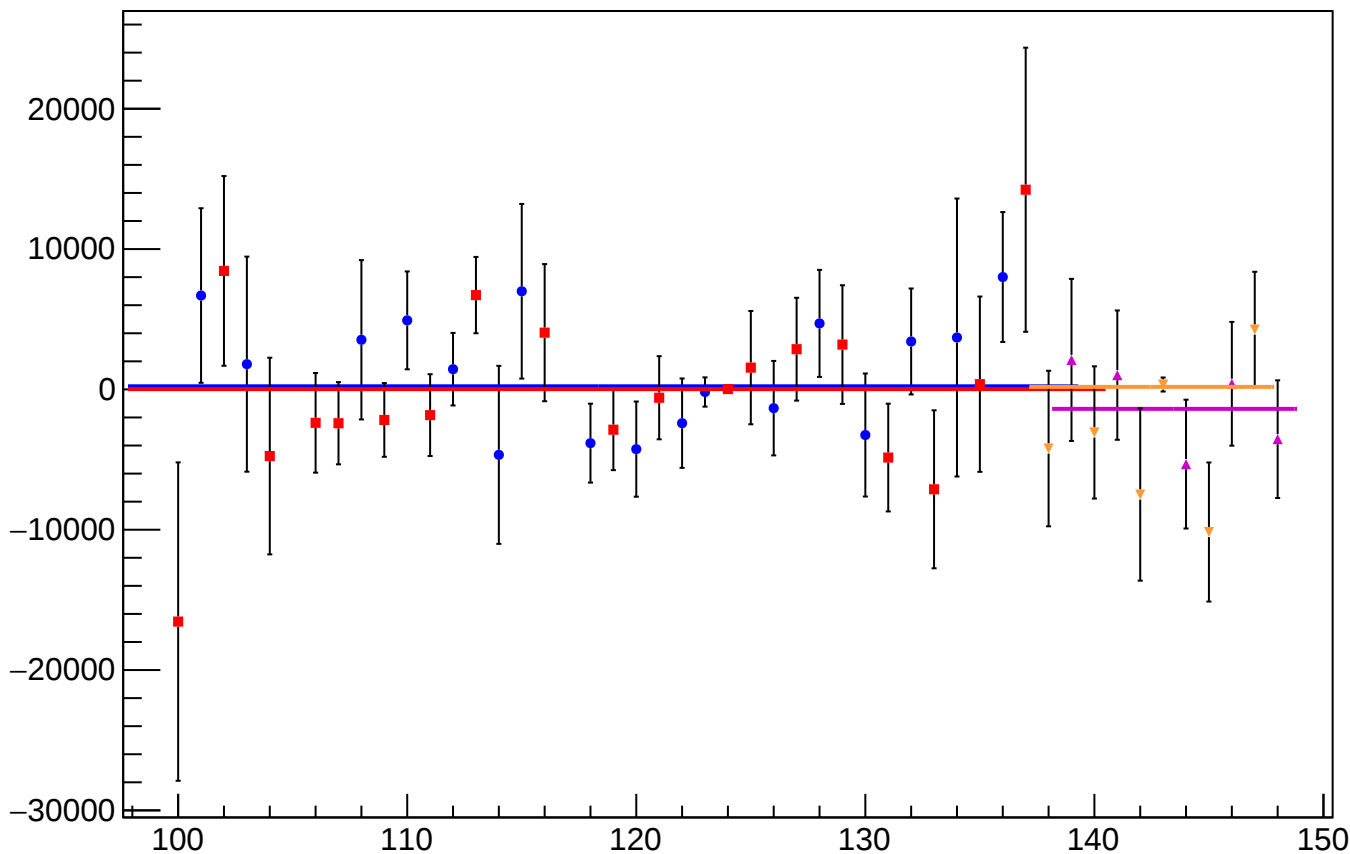
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1757.113+/-0.382 χ^2/NDF : 294293.3/21

Out: 1839.933+/-0.396 χ^2/NDF : 934694.2/24

All: 1797.038+/-0.275 χ^2/NDF : 1251651.5/46

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 179.859 $\pm$ 487.064 χ^2 /NDF:8.1/5

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

Left In: -1386.865 $\pm$ 2072.210 χ^2 /NDF:1.8/4

Left: 97.835 $\pm$ 474.143 χ^2 /NDF: 10.5/10

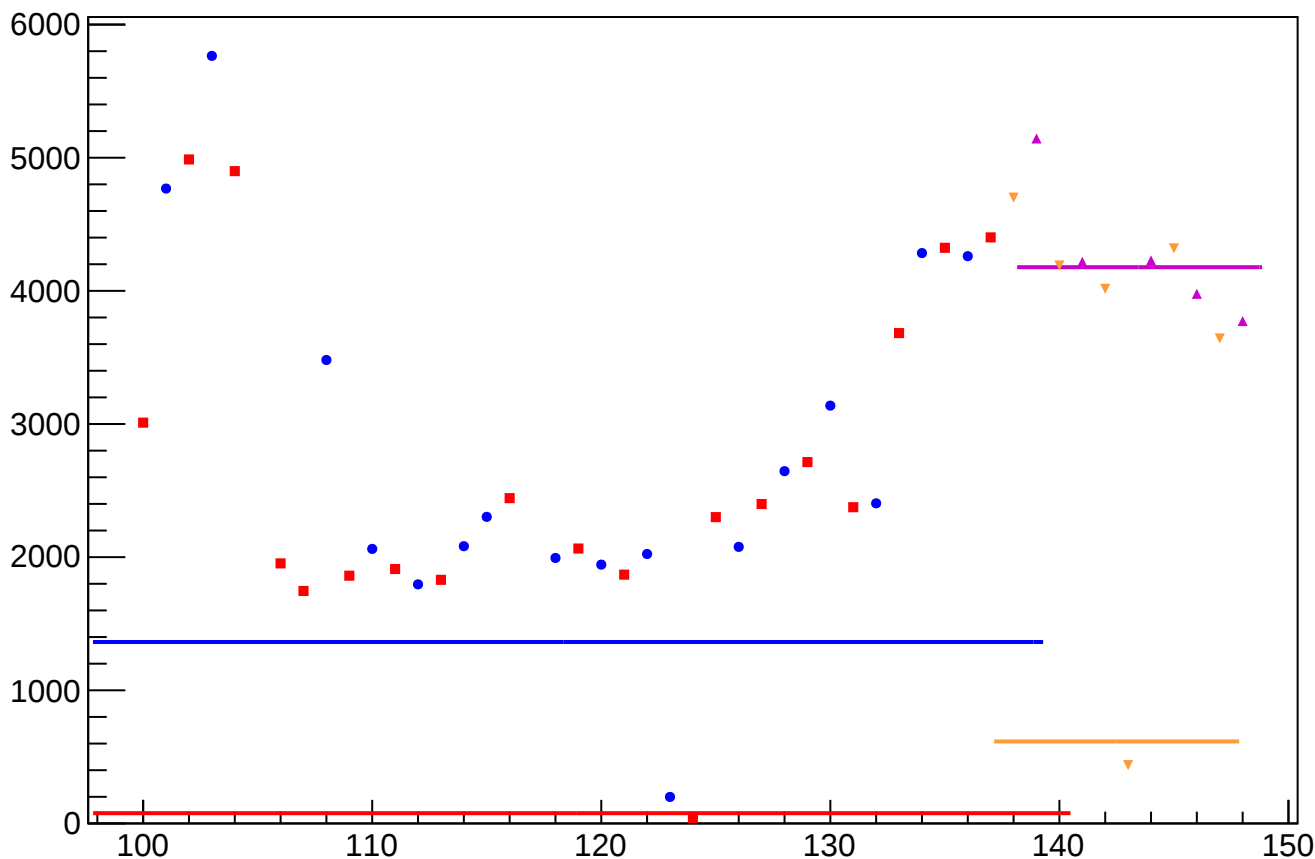
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 46.344 $\pm$ 680.887 χ^2 /NDF:18.2/21

Out: 28.575 $\pm$ 111.120 χ^2 /NDF:28.9/24

All: 29.036 $\pm$ 109.669 χ^2 /NDF: 47.1/46

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842 +/- 0.510 χ^2/NDF : 6235846.3/16

Left Out: 615.761 +/- 0.344 χ^2/NDF : 5301266.6/5

Right Out: 77.129 +/- 0.081 χ^2/NDF : 13248048.9/18

Left In: 4177.923 +/- 1.465 χ^2/NDF : 79184.7/4

Left: 802.255 +/- 0.335 χ^2/NDF : 10981068.4/10

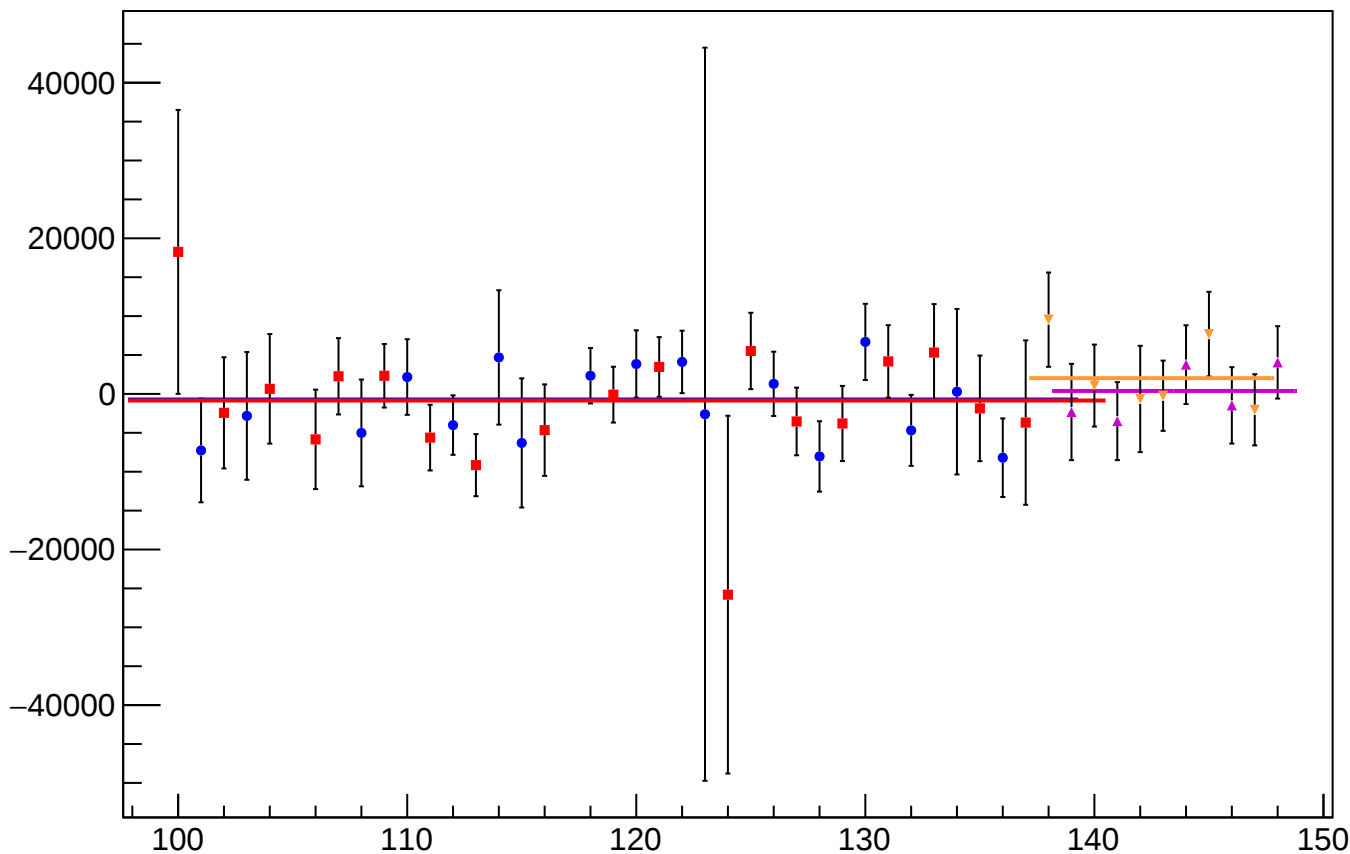
Right: 108.564 +/- 0.080 χ^2/NDF : 25689718.3/35

In: 1666.772 +/- 0.481 χ^2/NDF : 9607533.6/21

Out: 105.164 +/- 0.079 χ^2/NDF : 20867928.1/24

All: 145.676 +/- 0.078 χ^2/NDF : 40722734.3/46

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 2022.601+/-2154.753 χ^2/NDF : 3.9/5

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

Left In: 381.235+/-2279.031 χ^2/NDF : 2.0/4

Left: 1247.889+/-1565.733 χ^2/NDF : 6.1/10

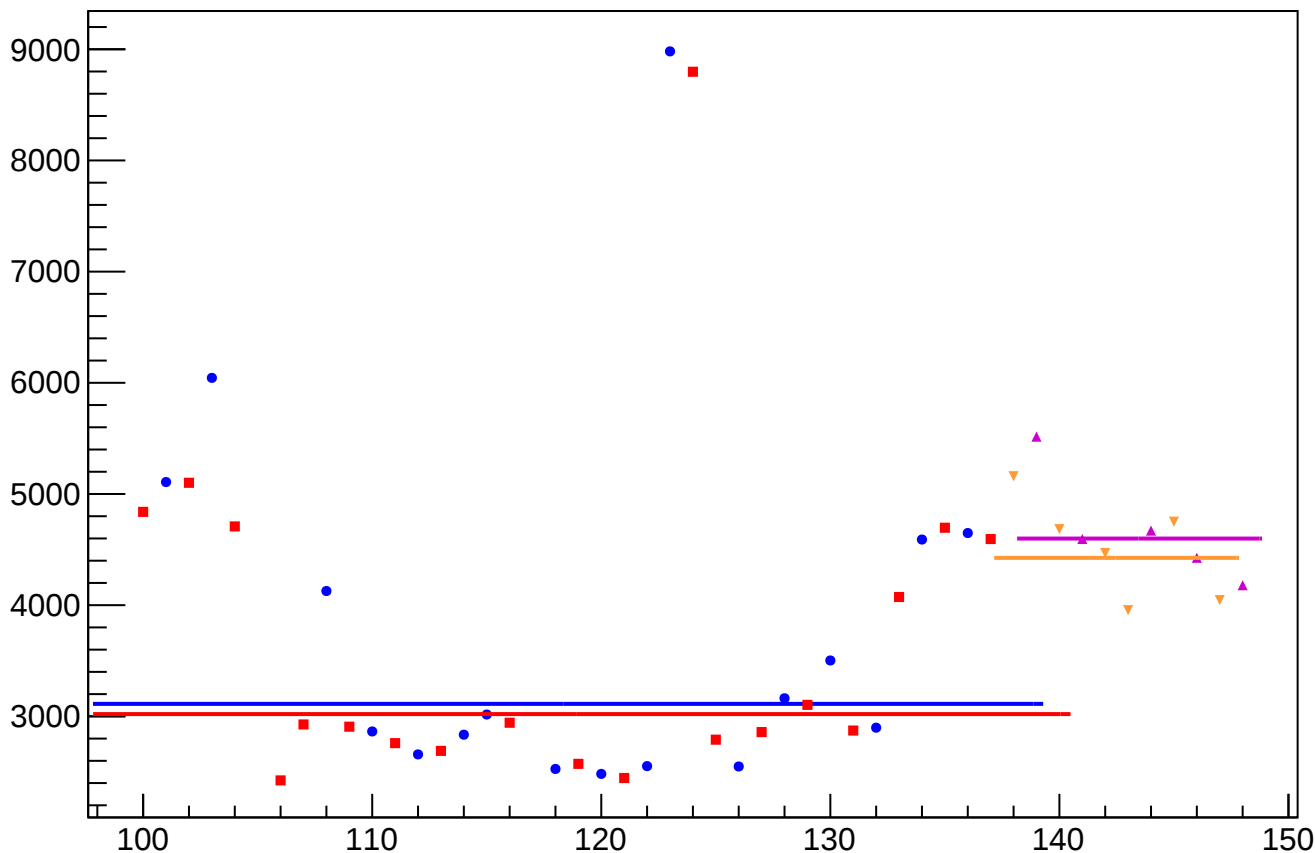
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -465.679+/-1097.670 χ^2/NDF : 16.9/21

Out: -176.859+/-1042.976 χ^2/NDF : 21.2/24

All: -313.894+/-756.092 χ^2/NDF : 38.2/46

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4425.573+/-1.524 χ^2/NDF : 76897.0/5

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

Left In: 4599.139+/-1.612 χ^2/NDF : 62983.5/4

Left: 4507.495+/-1.107 χ^2/NDF : 146005.5/10

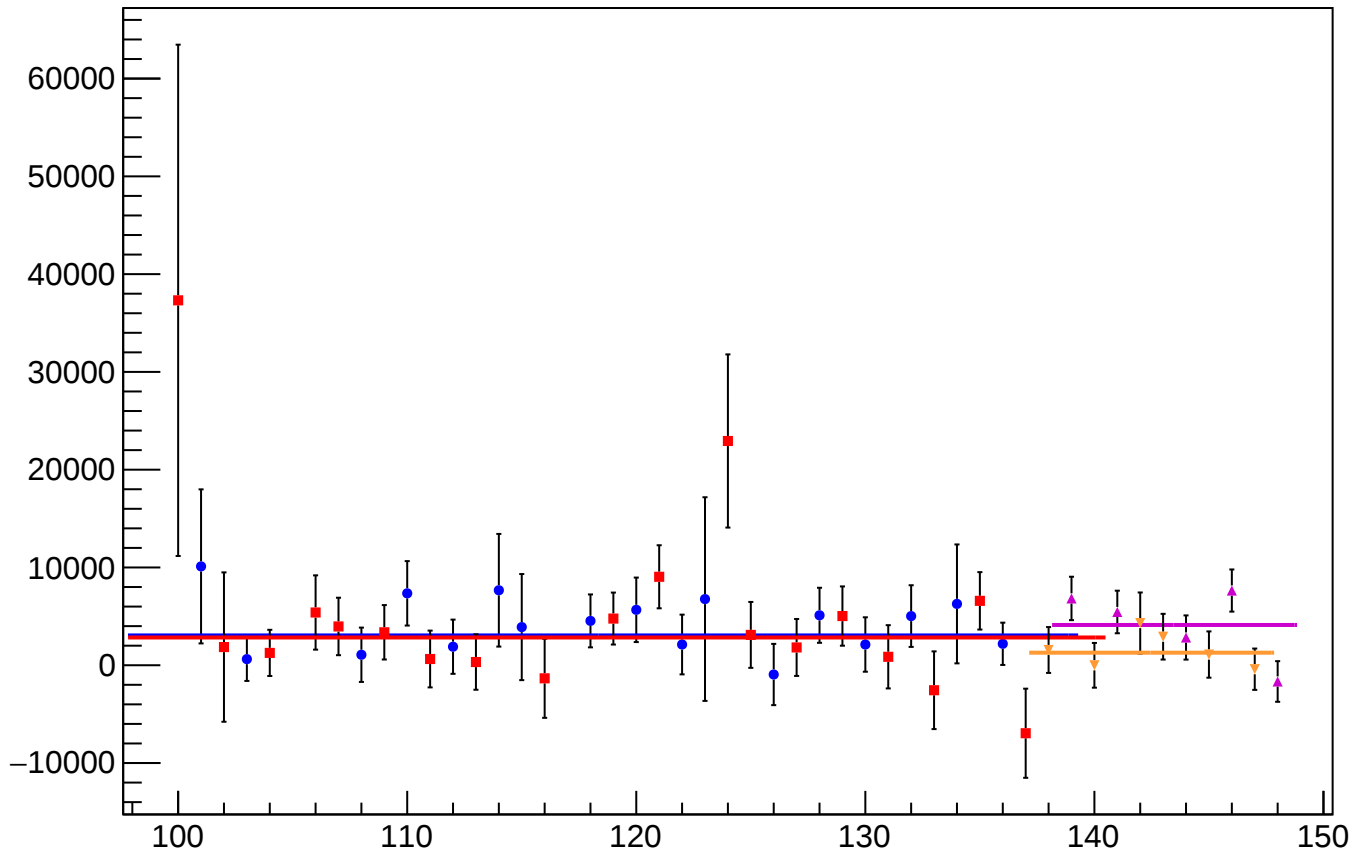
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

In: 3457.156+/-0.776 χ^2/NDF : 1675323.9/21

Out: 3343.305+/-0.730 χ^2/NDF : 1526220.0/24

All: 3396.777+/-0.532 χ^2/NDF : 3212954.6/46

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1284.180+/-970.997 χ^2/NDF : 2.4/5

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

Left In: 4118.926+/-972.952 χ^2/NDF : 12.6/4

Left: 2698.703+/-687.289 χ^2/NDF : 19.2/10

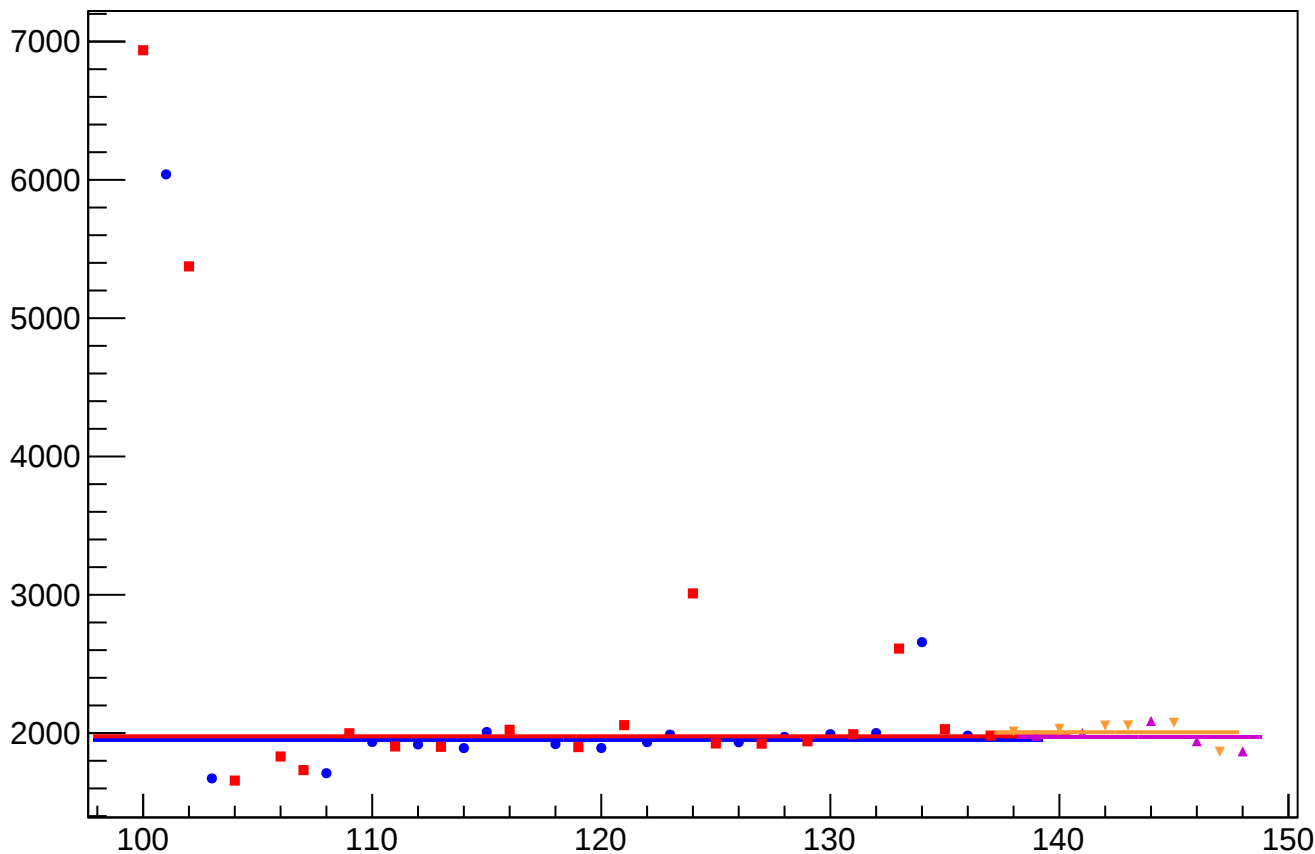
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3462.623+/-604.909 χ^2/NDF : 22.6/21

Out: 2242.508+/-601.338 χ^2/NDF : 27.7/24

All: 2848.954+/-426.467 χ^2/NDF : 52.4/46

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2006.576+/-0.687 χ^2/NDF :12133.4/5

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

Left In: 1972.257+/-0.688 χ^2/NDF :11040.8/4

Left: 1989.451+/-0.486 χ^2/NDF : 24420.9/10

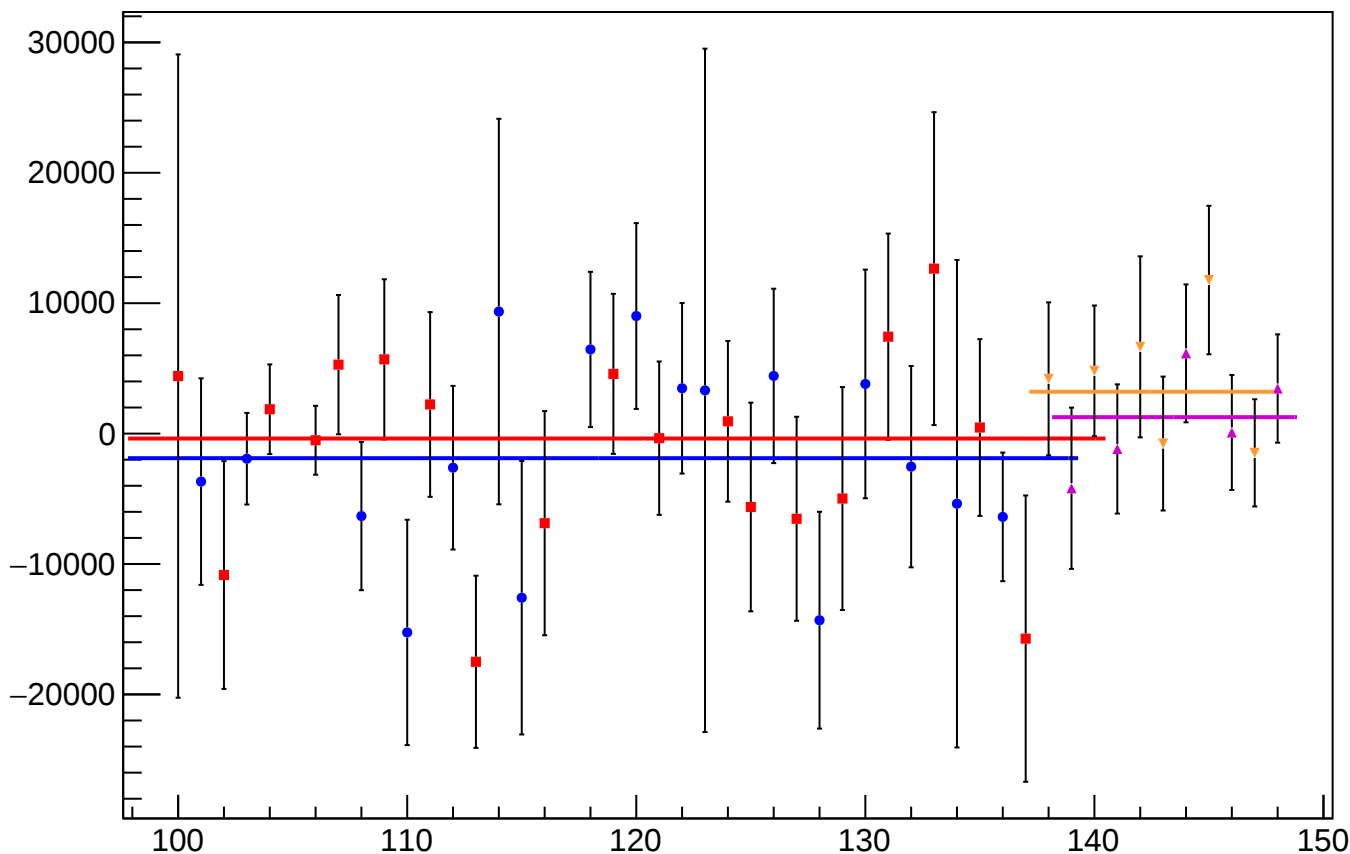
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1959.028+/-0.428 χ^2/NDF :626808.8/21

Out: 1988.322+/-0.425 χ^2/NDF :620985.8/24

All: 1973.767+/-0.302 χ^2/NDF : 1250154.7/46

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 $\pm$ 1657.979 χ^2 /NDF: 14.1/16

Left Out: 3210.511 $\pm$ 2143.597 χ^2 /NDF: 4.5/5

Right Out: -376.861 $\pm$ 1359.615 χ^2 /NDF: 17.6/18

Left In: 1259.337 $\pm$ 2171.909 χ^2 /NDF: 2.2/4

Left: 2247.724 $\pm$ 1525.663 χ^2 /NDF: 7.2/10

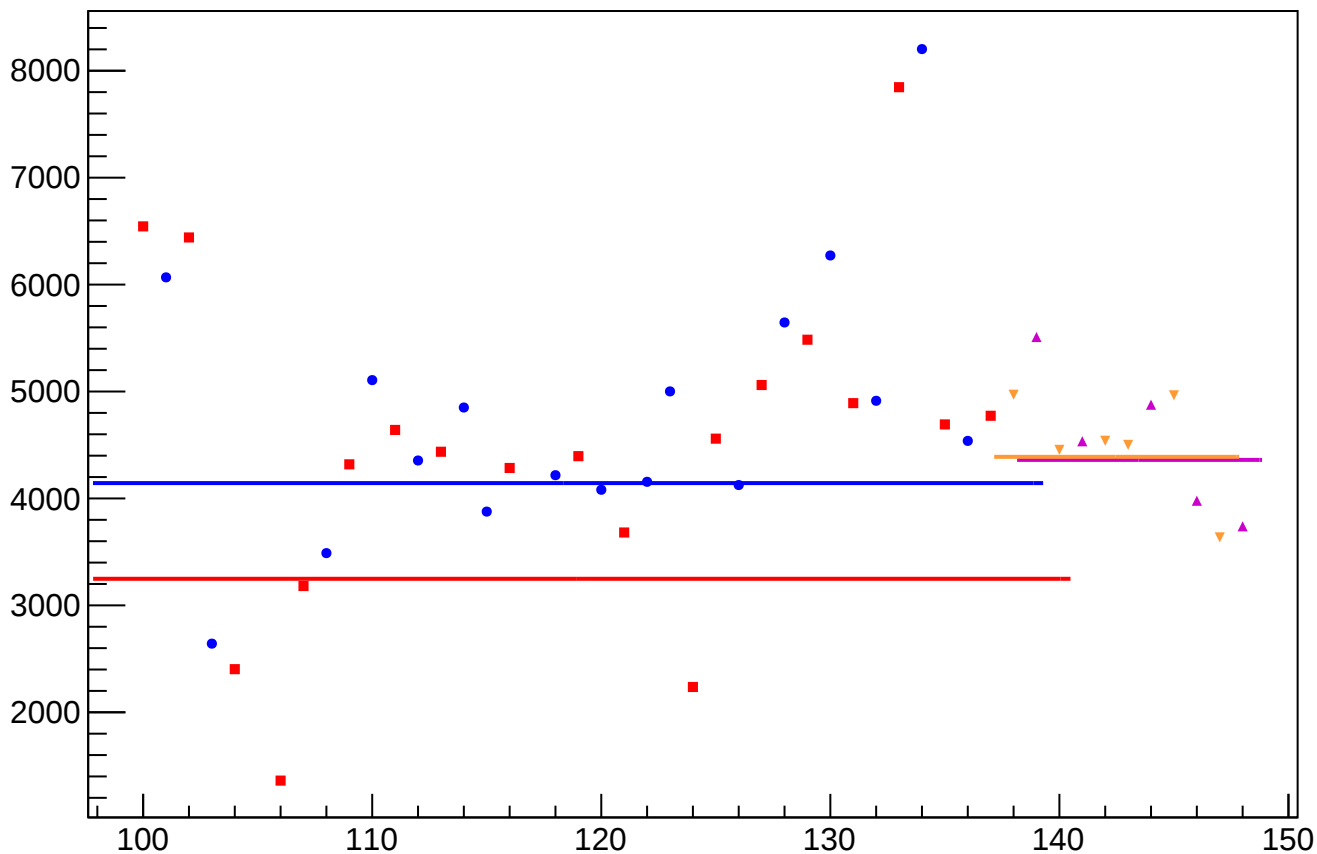
Right: -983.372 $\pm$ 1051.324 χ^2 /NDF: 32.2/35

In: -727.485 $\pm$ 1317.875 χ^2 /NDF: 17.7/21

Out: 652.298 $\pm$ 1148.144 χ^2 /NDF: 24.1/24

All: 56.927 $\pm$ 865.691 χ^2 /NDF: 42.4/46

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478 $\pm$ 1.172 χ^2/NDF : 855972.6/16

Left Out: 4389.252 $\pm$ 1.516 χ^2/NDF : 109421.9/5

Right Out: 3248.634 $\pm$ 0.961 χ^2/NDF : 2617775.0/18

Left In: 4360.523 $\pm$ 1.536 χ^2/NDF : 150348.6/4

Left: 4375.076 $\pm$ 1.079 χ^2/NDF : 259947.8/10

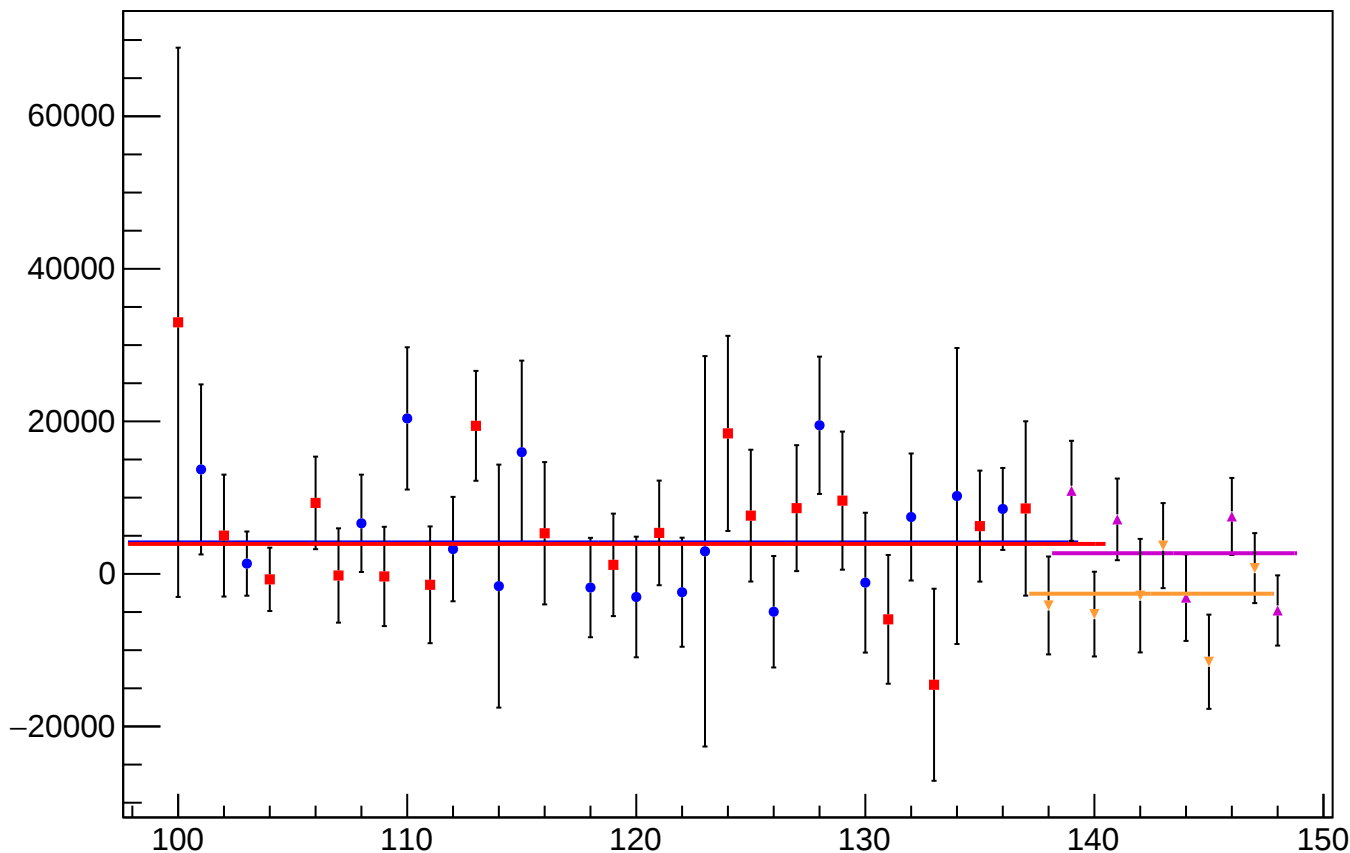
Right: 3608.435 $\pm$ 0.743 χ^2/NDF : 3822091.3/35

In: 4223.391 $\pm$ 0.932 χ^2/NDF : 1018940.5/21

Out: 3575.859 $\pm$ 0.812 χ^2/NDF : 3131013.8/24

All: 3855.267 $\pm$ 0.612 χ^2/NDF : 4424450.8/46

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -2596.982 $\pm$ 2353.258 χ^2 /NDF: 4.2/5

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

Left In: 2711.949 $\pm$ 2386.989 χ^2 /NDF: 6.9/4

Left: 19.709 $\pm$ 1675.803 χ^2 /NDF: 13.6/10

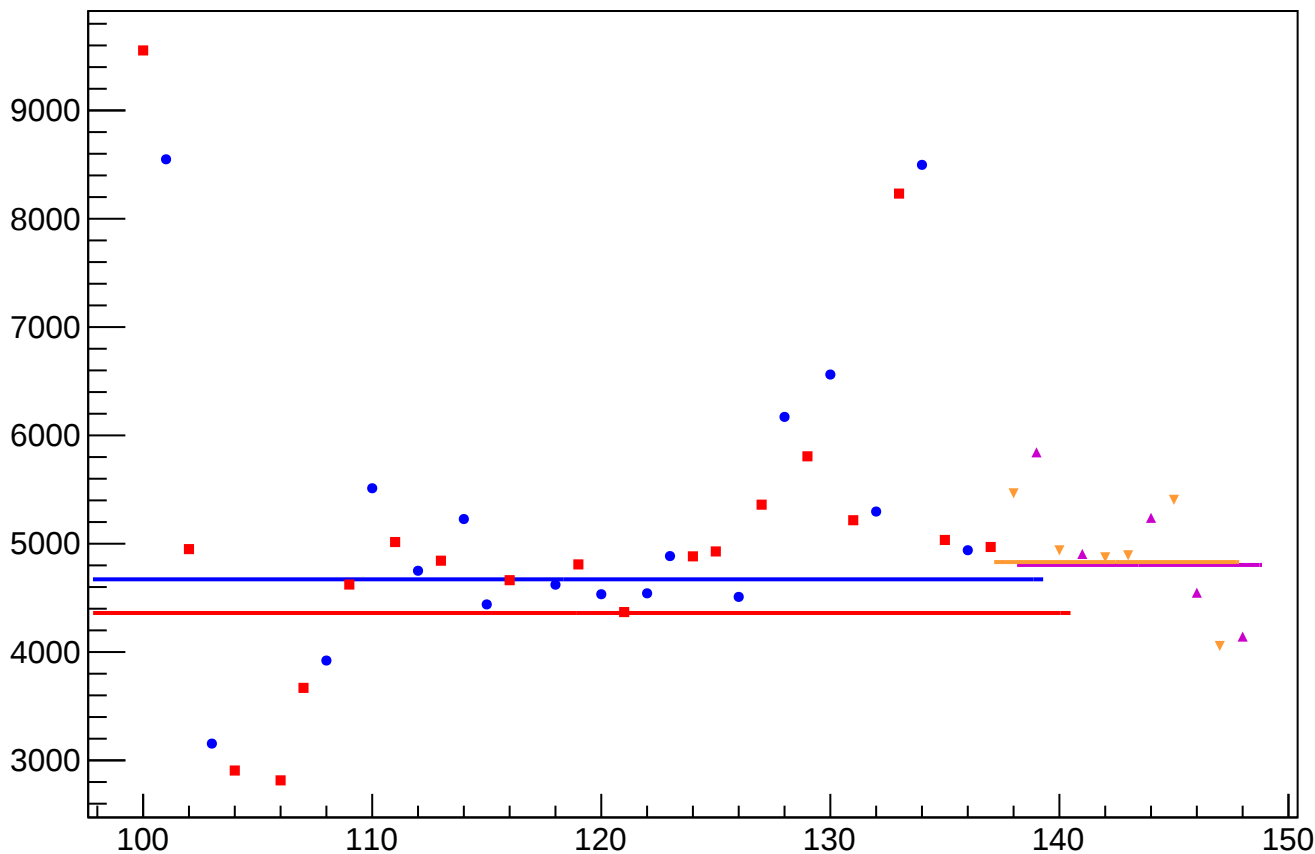
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3591.076 $\pm$ 1468.667 χ^2 /NDF: 20.8/21

Out: 1650.006 $\pm$ 1391.514 χ^2 /NDF: 24.1/24

All: 2568.219 $\pm$ 1010.124 χ^2 /NDF: 45.8/46

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4830.587+/-1.664 χ^2/NDF : 94902.2/5

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

Left In: 4803.995+/-1.688 χ^2/NDF : 109137.0/4

Left: 4817.480+/-1.185 χ^2/NDF : 204165.0/10

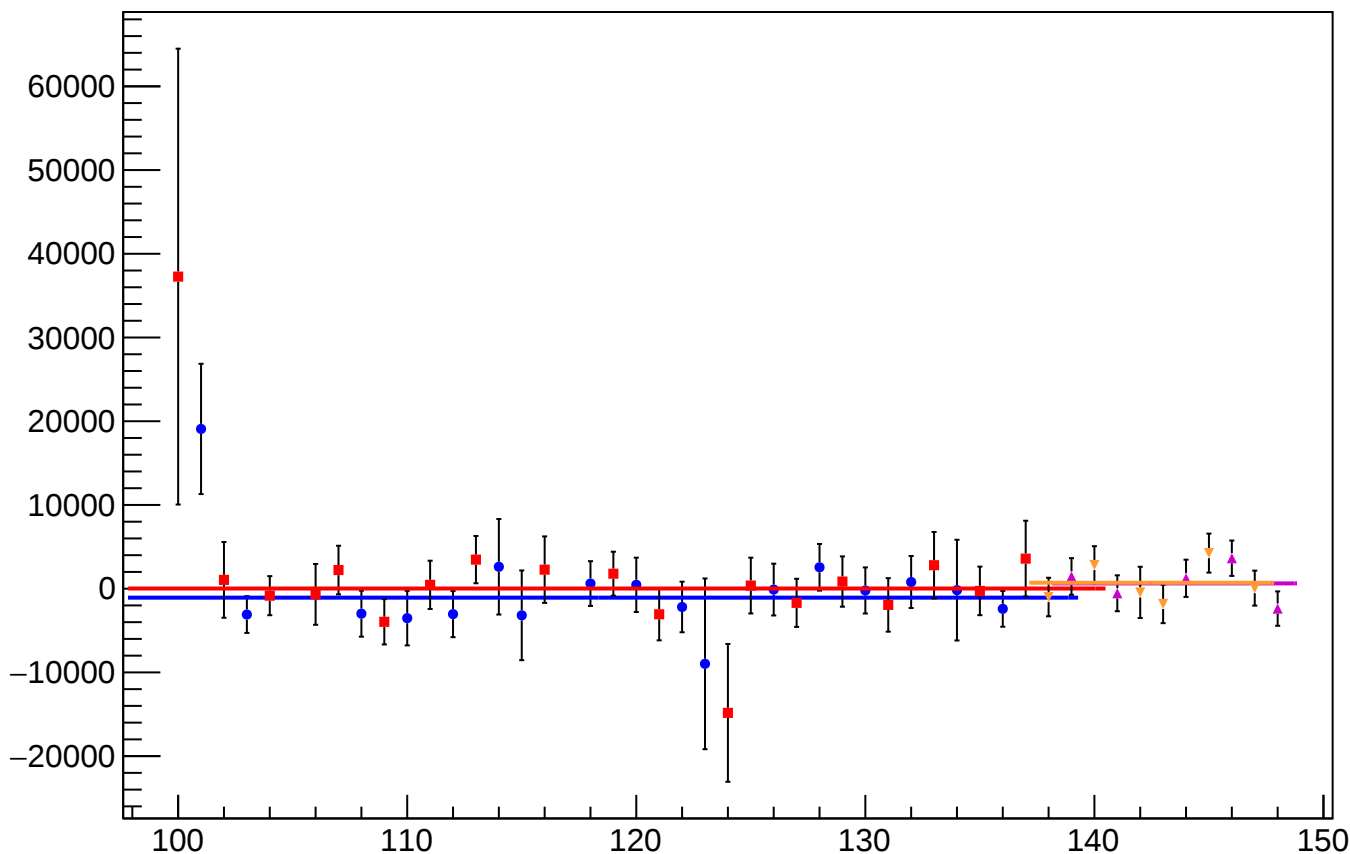
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4721.546+/-1.039 χ^2/NDF : 899088.8/21

Out: 4523.651+/-0.980 χ^2/NDF : 981131.5/24

All: 4616.892+/-0.713 χ^2/NDF : 1899423.6/46

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 708.822 $\pm$ 954.772 χ^2 /NDF: 5.2/5

Right Out: 19.222 $\pm$ 747.810 χ^2 /NDF: 13.3/18

Left In: 630.502 $\pm$ 957.799 χ^2 /NDF: 4.7/4

Left: 669.786 $\pm$ 676.193 χ^2 /NDF: 9.9/10

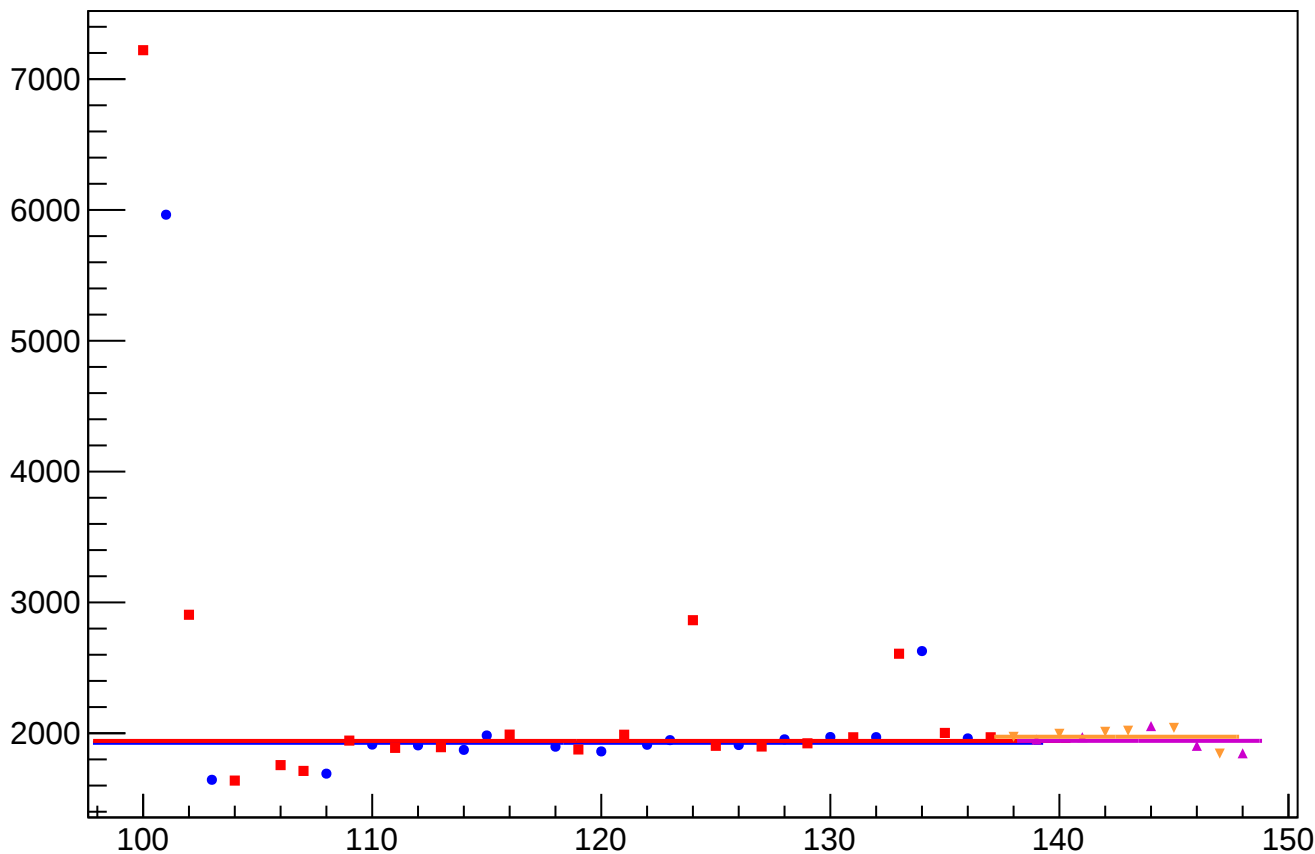
Right: -515.074 $\pm$ 534.061 χ^2 /NDF: 28.0/35

In: -410.613 $\pm$ 596.772 χ^2 /NDF: 20.3/21

Out: 281.417 $\pm$ 588.725 χ^2 /NDF: 18.8/24

All: -59.901 $\pm$ 419.108 χ^2 /NDF: 39.8/46

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1973.297+/-0.675 χ^2/NDF : 10603.0/5

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

Left In: 1941.822+/-0.677 χ^2/NDF : 10469.7/4

Left: 1957.609+/-0.478 χ^2/NDF : 22156.0/10

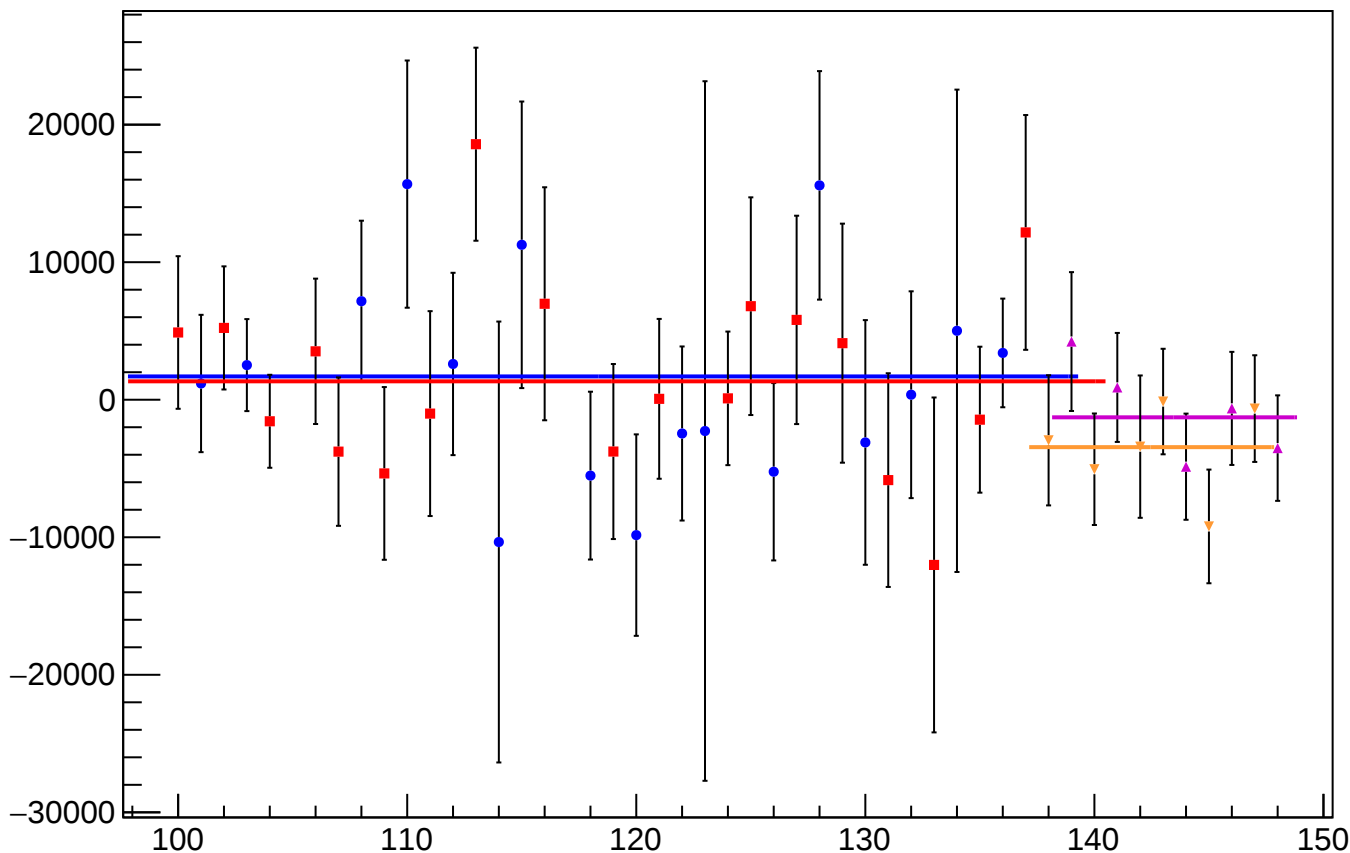
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1932.687+/-0.422 χ^2/NDF : 627883.3/21

Out: 1953.430+/-0.416 χ^2/NDF : 316366.8/24

All: 1943.204+/-0.296 χ^2/NDF : 945475.2/46

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3447.958+/-1725.536 χ^2/NDF : 3.4/5

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

Left In: -1279.606+/-1834.308 χ^2/NDF : 2.7/4

Left: -2429.975+/-1256.833 χ^2/NDF : 6.8/10

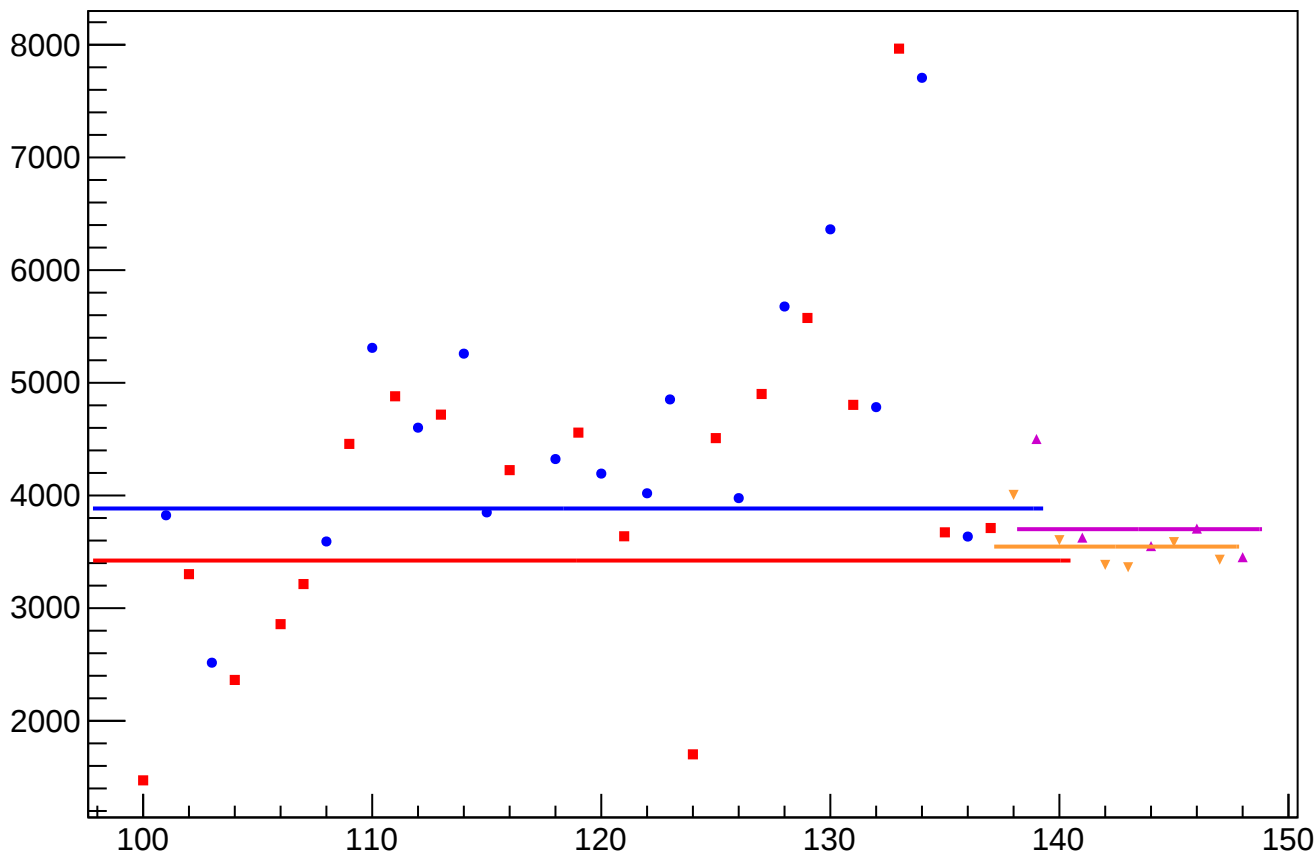
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 453.422+/-1184.783 χ^2/NDF : 17.9/21

Out: -510.693+/-1072.468 χ^2/NDF : 24.4/24

All: -76.489+/-795.099 χ^2/NDF : 42.7/46

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3546.404 $\pm$ 1.220 χ^2 /NDF: 27743.1/5

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

Left In: 3701.035 $\pm$ 1.297 χ^2 /NDF: 62427.8/4

Left: 3618.999 $\pm$ 0.889 χ^2 /NDF: 97711.1/10

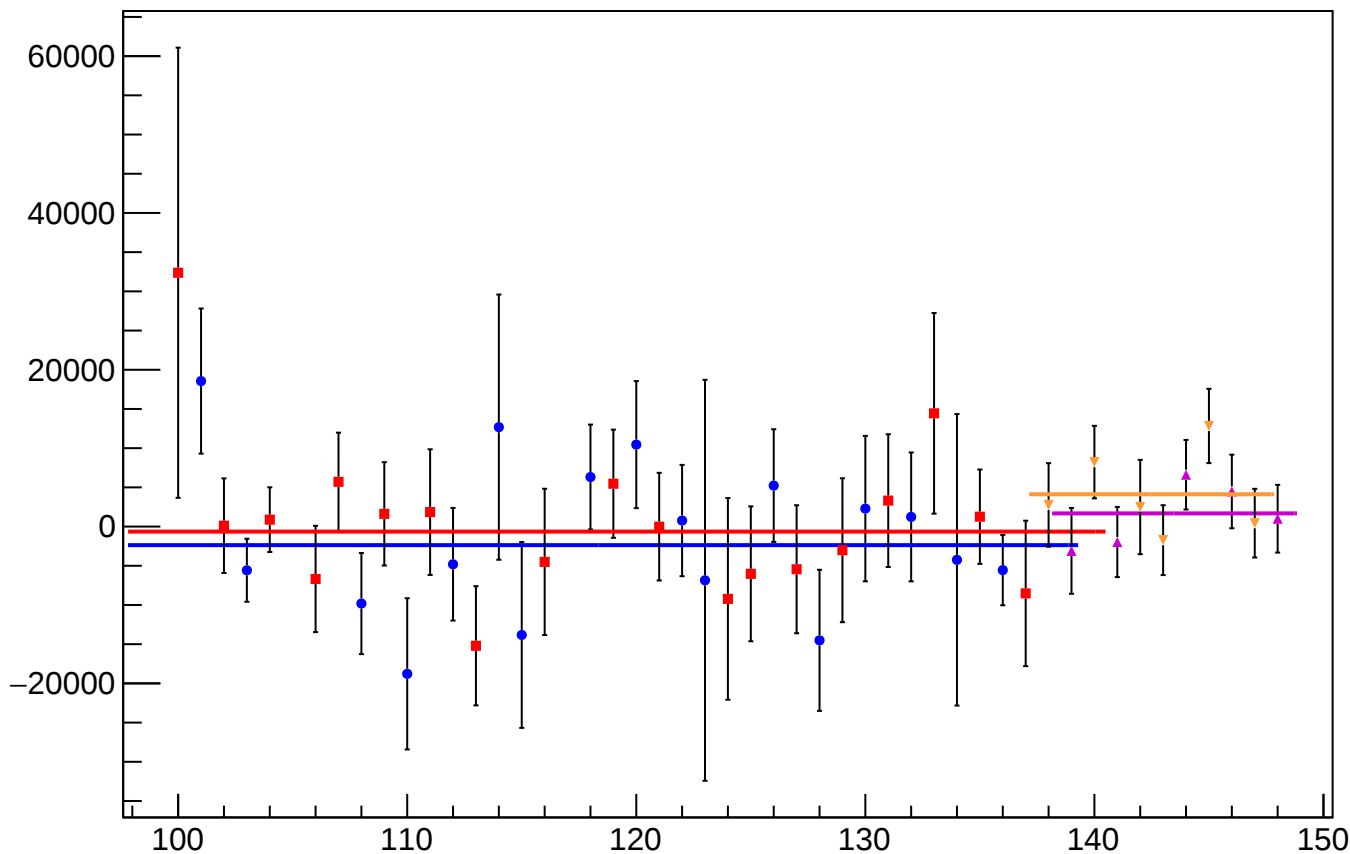
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 3808.020 $\pm$ 0.838 χ^2 /NDF: 900665.1/21

Out: 3470.442 $\pm$ 0.758 χ^2 /NDF: 1624355.2/24

All: 3622.476 $\pm$ 0.562 χ^2 /NDF: 2614263.2/46

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 ± 1801.942 $\chi^2/\text{NDF}: 20.1/16$

Left Out: 4122.888 ± 1973.357 $\chi^2/\text{NDF}: 6.7/5$

Right Out: -640.916 ± 1690.165 $\chi^2/\text{NDF}: 11.8/18$

Left In: 1680.698 ± 2071.683 $\chi^2/\text{NDF}: 3.0/4$

Left: 2961.122 ± 1428.870 $\chi^2/\text{NDF}: 10.5/10$

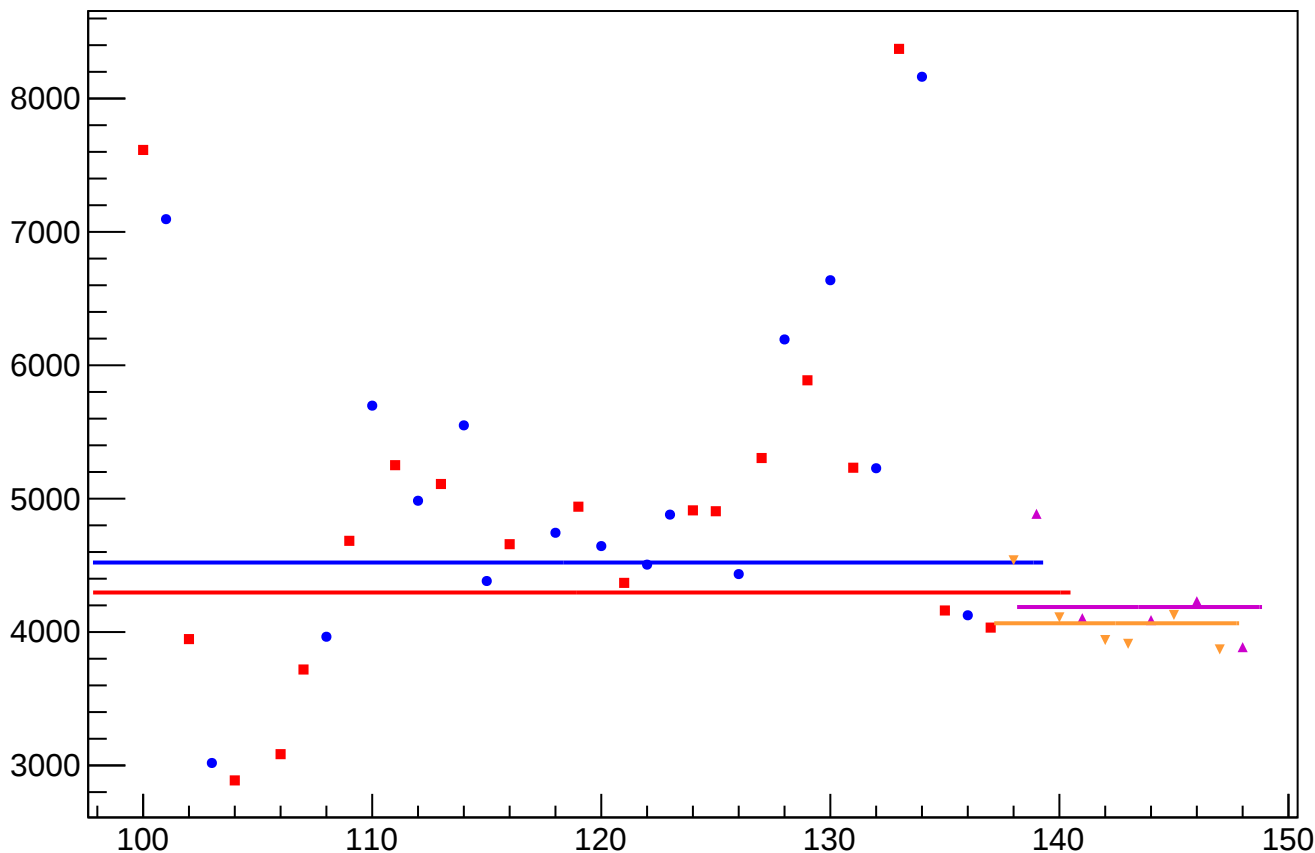
Right: -1449.011 ± 1232.750 $\chi^2/\text{NDF}: 32.4/35$

In: -623.952 ± 1359.600 $\chi^2/\text{NDF}: 25.3/21$

Out: 1374.929 ± 1283.682 $\chi^2/\text{NDF}: 21.9/24$

All: 432.852 ± 933.385 $\chi^2/\text{NDF}: 48.4/46$

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4065.836+/-1.395 χ^2/NDF : 23488.4/5

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

Left In: 4187.660+/-1.465 χ^2/NDF : 44107.0/4

Left: 4123.789+/-1.010 χ^2/NDF : 71221.4/10

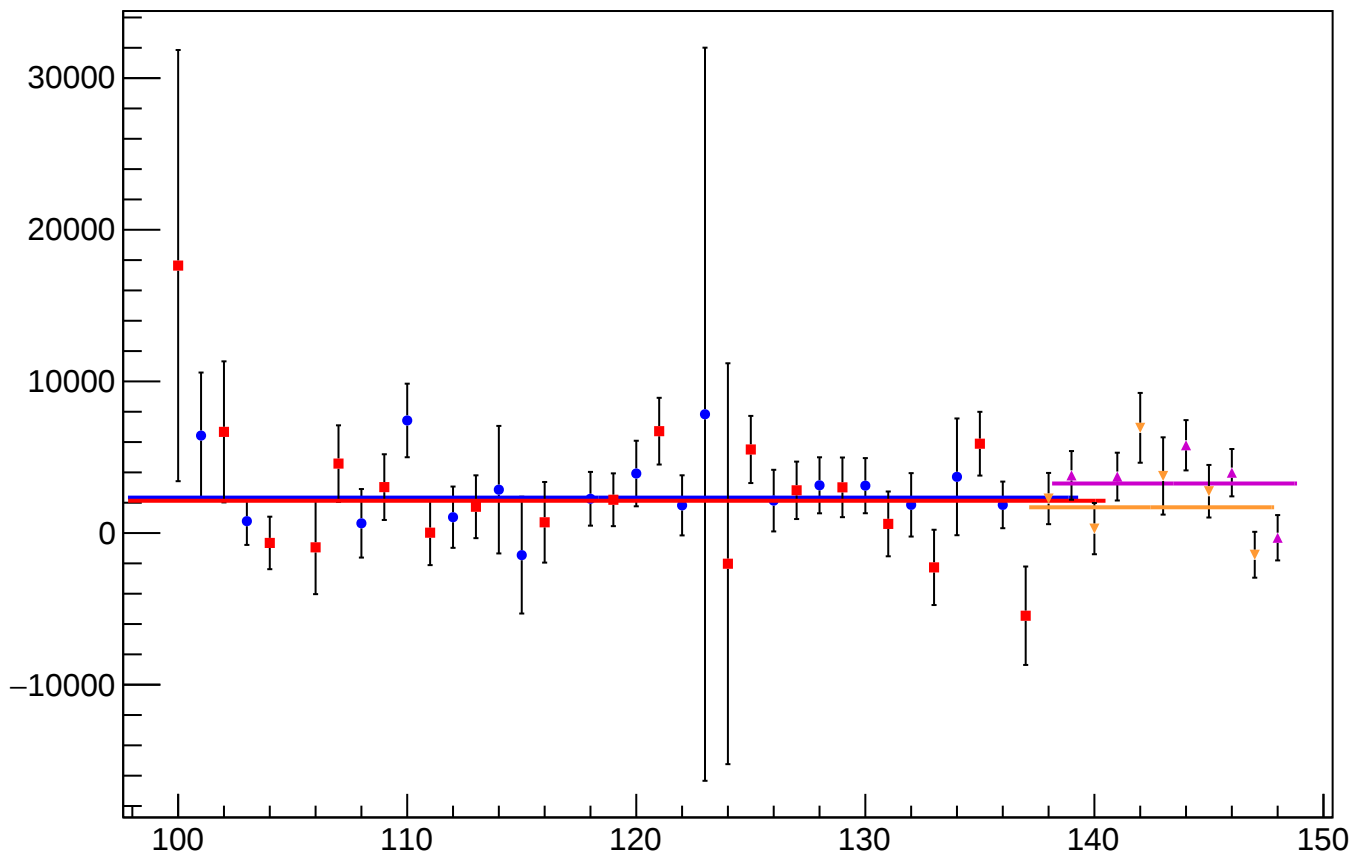
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4377.561+/-0.961 χ^2/NDF : 852300.7/21

Out: 4199.508+/-0.905 χ^2/NDF : 812533.3/24

All: 4283.139+/-0.659 χ^2/NDF : 1683023.8/46

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: 1699.030+/-742.646 χ^2/NDF : 11.3/5

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

Left In: 3267.600+/-704.957 χ^2/NDF : 8.4/4

Left: 2524.125+/-511.285 χ^2/NDF : 22.1/10

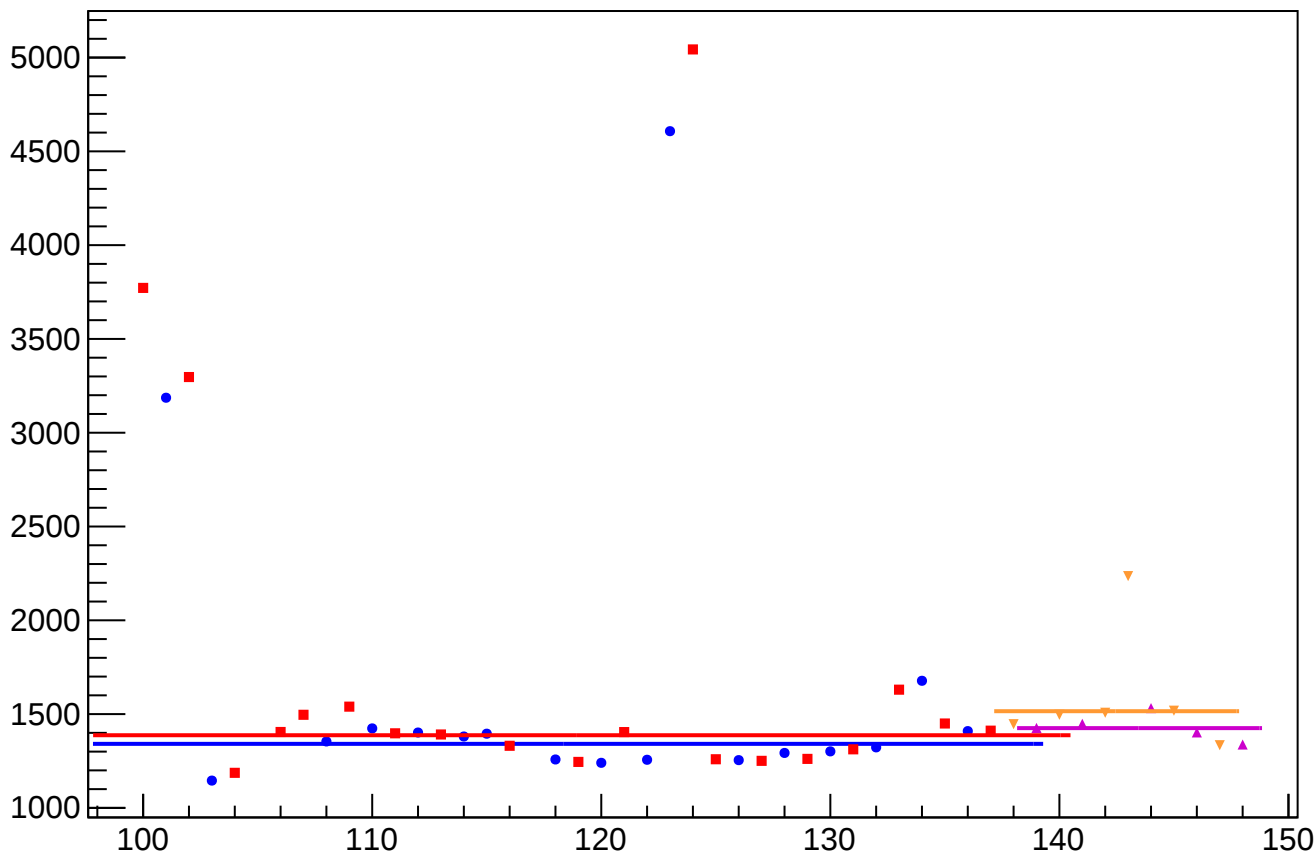
Right: 2234.784+/-378.395 χ^2/NDF : 37.3/35

In: 2673.956+/-424.207 χ^2/NDF : 19.2/21

Out: 1980.871+/-436.336 χ^2/NDF : 39.1/24

All: 2337.180+/-304.157 χ^2/NDF : 59.6/46

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: 1515.442+/-0.525 χ^2/NDF :192040.9/5

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

Left In: 1425.245+/-0.498 χ^2/NDF :15975.5/4

Left: 1467.997+/-0.362 χ^2/NDF : 223535.0/10

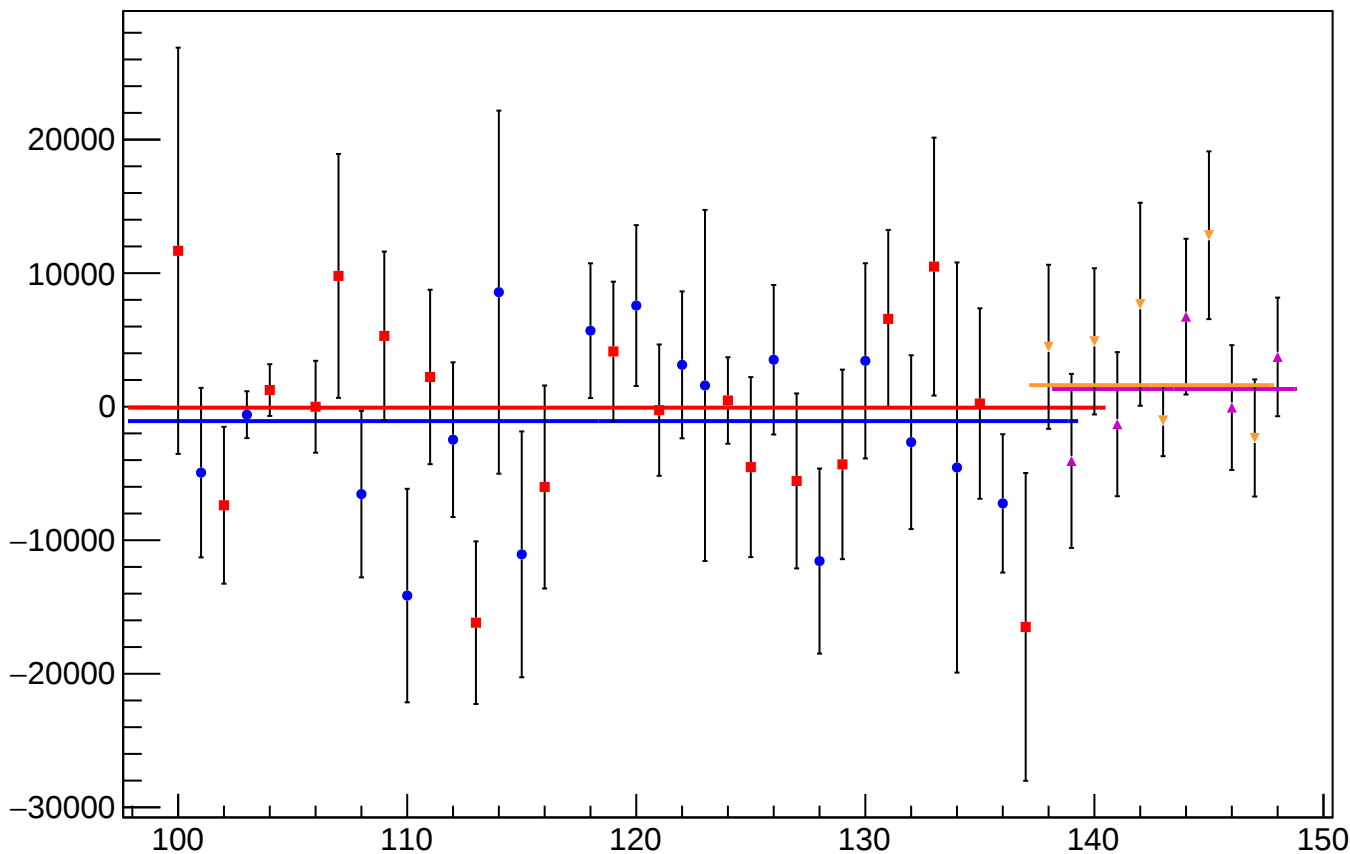
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1371.744+/-0.300 χ^2/NDF :538305.9/21

Out: 1431.540+/-0.308 χ^2/NDF :881207.2/24

All: 1400.808+/-0.215 χ^2/NDF : 1438829.1/46

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1611.031+/-1843.114 χ^2/NDF : 6.2/5

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

Left In: 1324.410+/-2332.720 χ^2/NDF : 2.2/4

Left: 1500.871+/-1446.178 χ^2/NDF : 8.4/10

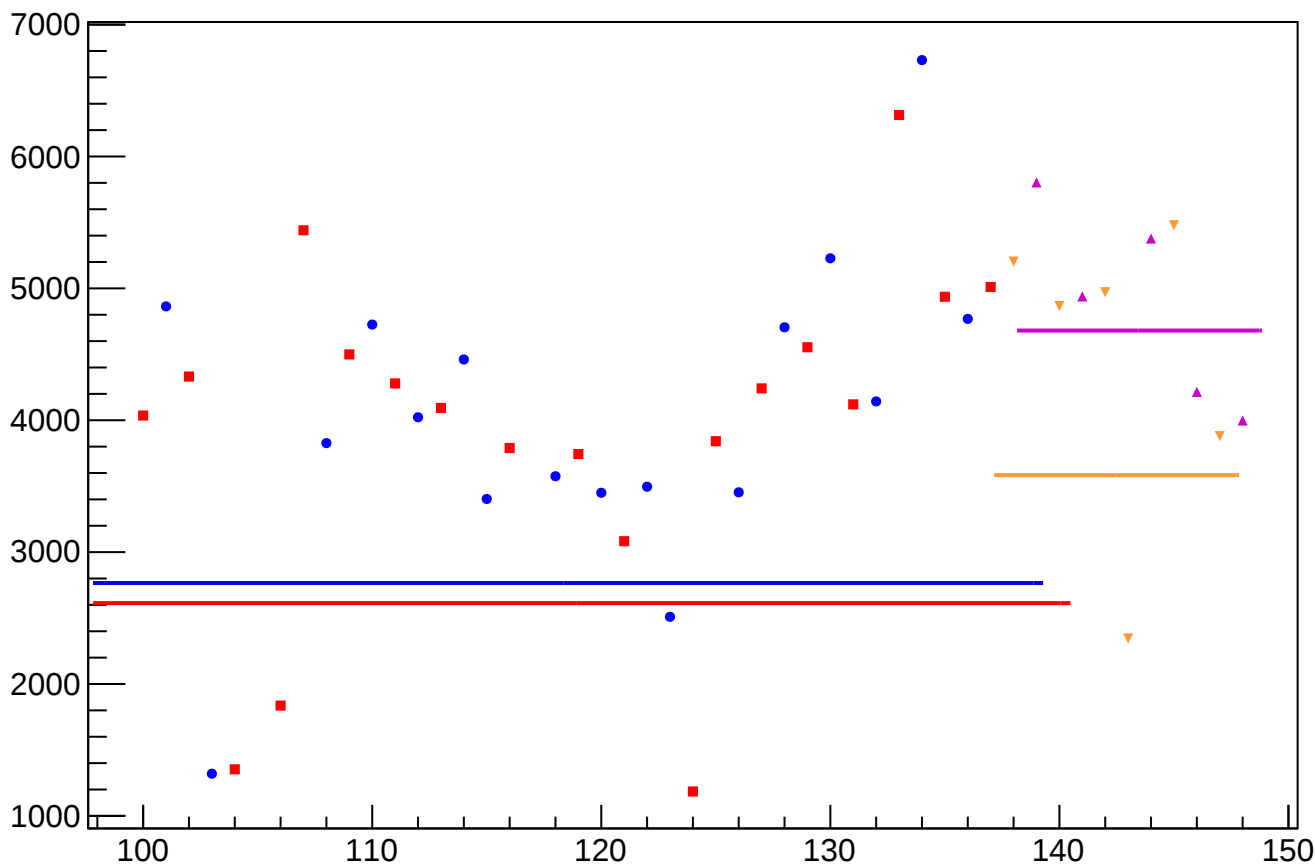
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

In: -569.469+/-1075.765 χ^2/NDF : 18.0/21

Out: 384.036+/-961.012 χ^2/NDF : 25.4/24

All: -39.165+/-716.687 χ^2/NDF : 43.9/46

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: 3583.718+/-1.303 χ^2/NDF : 935410.5/5

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

Left In: 4680.208+/-1.649 χ^2/NDF : 159614.0/4

Left: 4005.145+/-1.023 χ^2/NDF : 1367077.4/10

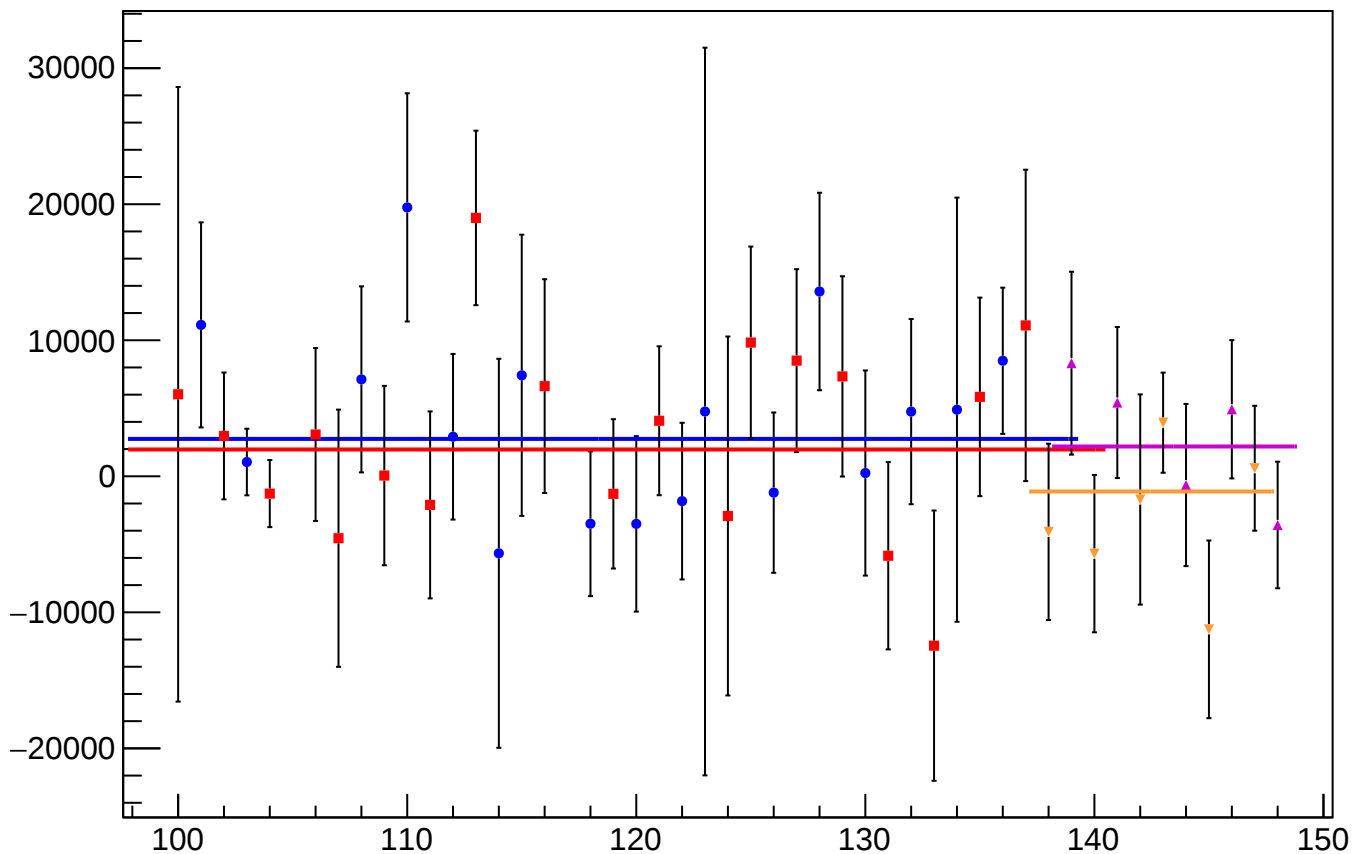
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3172.890+/-0.761 χ^2/NDF : 4159313.7/21

Out: 2877.172+/-0.680 χ^2/NDF : 4678969.4/24

All: 3008.423+/-0.507 χ^2/NDF : 8922336.0/46

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: -1118.100+/-2155.436 χ^2/NDF : 5.3/5

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

Left In: 2190.908+/-2442.456 χ^2/NDF : 3.2/4

Left: 330.644+/-1616.120 χ^2/NDF : 9.5/10

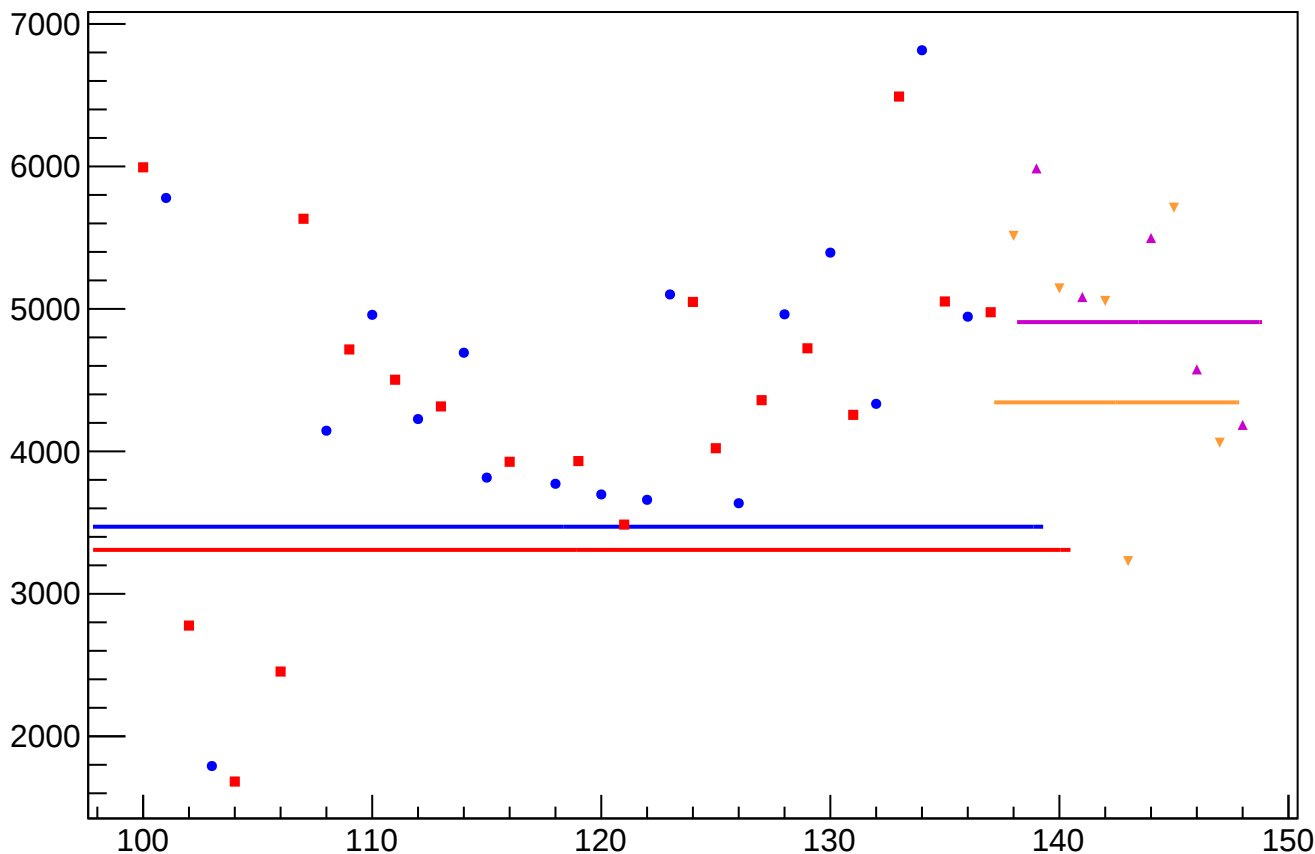
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2603.530+/-1244.697 χ^2/NDF : 17.0/21

Out: 1071.425+/-1163.227 χ^2/NDF : 24.5/24

All: 1785.699+/-849.869 χ^2/NDF : 42.4/46

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: 4343.798+/-1.524 χ^2/NDF : 399019.5/5

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

Left In: 4907.441+/-1.727 χ^2/NDF : 129756.3/4

Left: 4590.571+/-1.143 χ^2/NDF : 588653.0/10

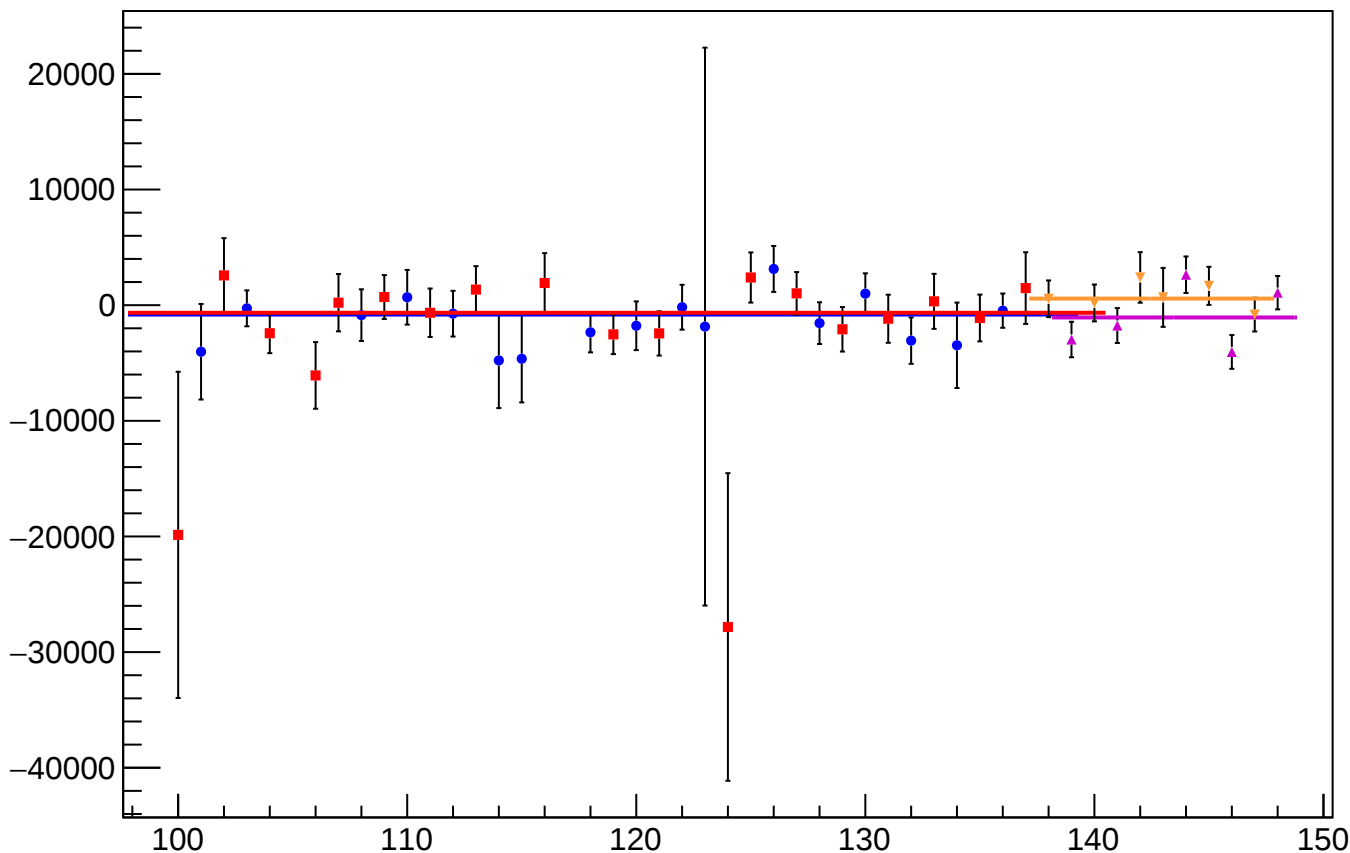
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 3844.146+/-0.880 χ^2/NDF : 2409651.0/21

Out: 3606.156+/-0.817 χ^2/NDF : 2642138.7/24

All: 3716.338+/-0.599 χ^2/NDF : 5091057.1/46

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: 570.486+/-708.508 χ^2/NDF : 2.1/5

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

Left In: -1062.348+/-672.002 χ^2/NDF : 13.6/4

Left: -289.080+/-487.572 χ^2/NDF : 18.5/10

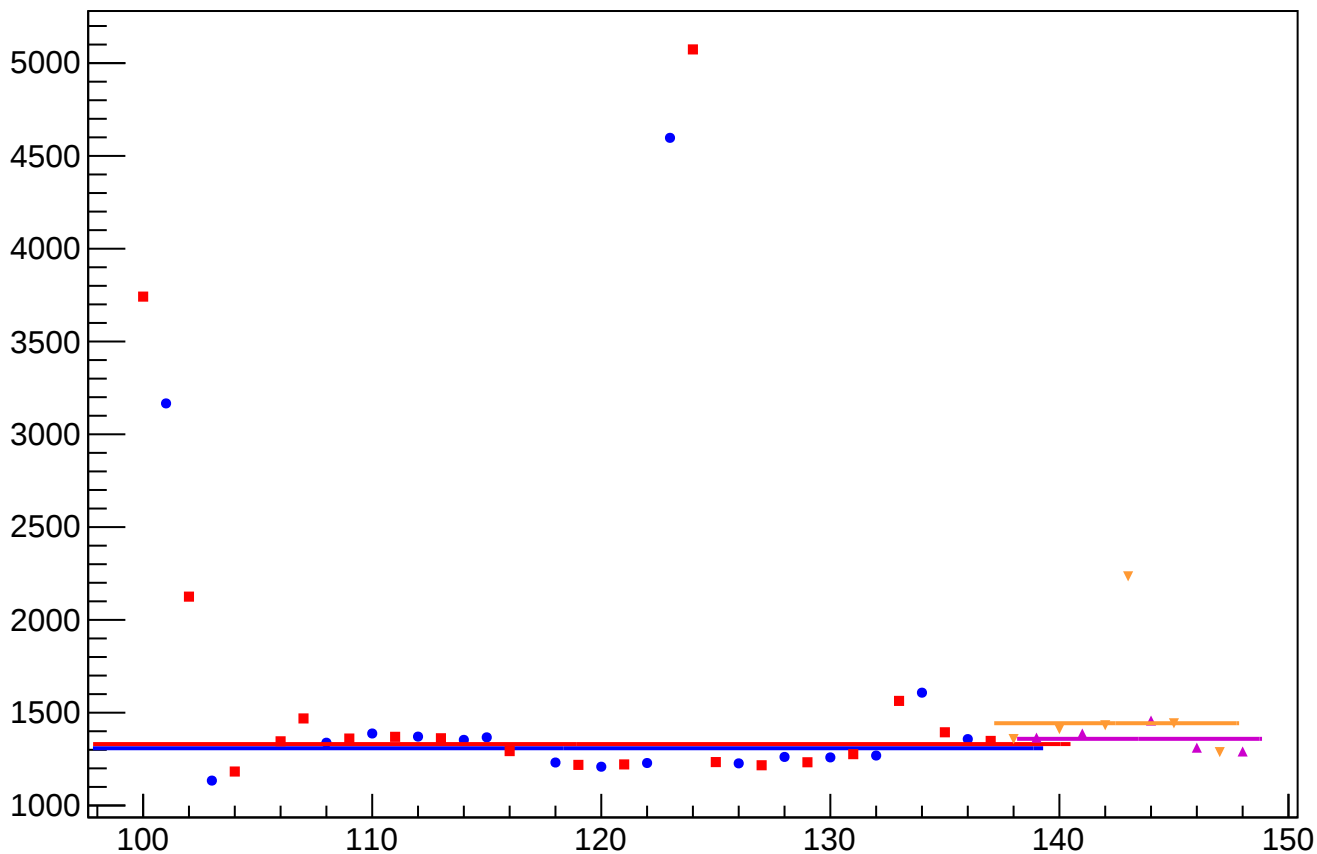
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -903.481+/-410.356 χ^2/NDF : 24.9/21

Out: -232.608+/-416.359 χ^2/NDF : 24.5/24

All: -572.916+/-292.265 χ^2/NDF : 50.7/46

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: 1443.255+/-0.501 χ^2/NDF :222315.1/5

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

Left In: 1359.099+/-0.475 χ^2/NDF :15138.4/4

Left: 1398.953+/-0.345 χ^2/NDF : 252307.7/10

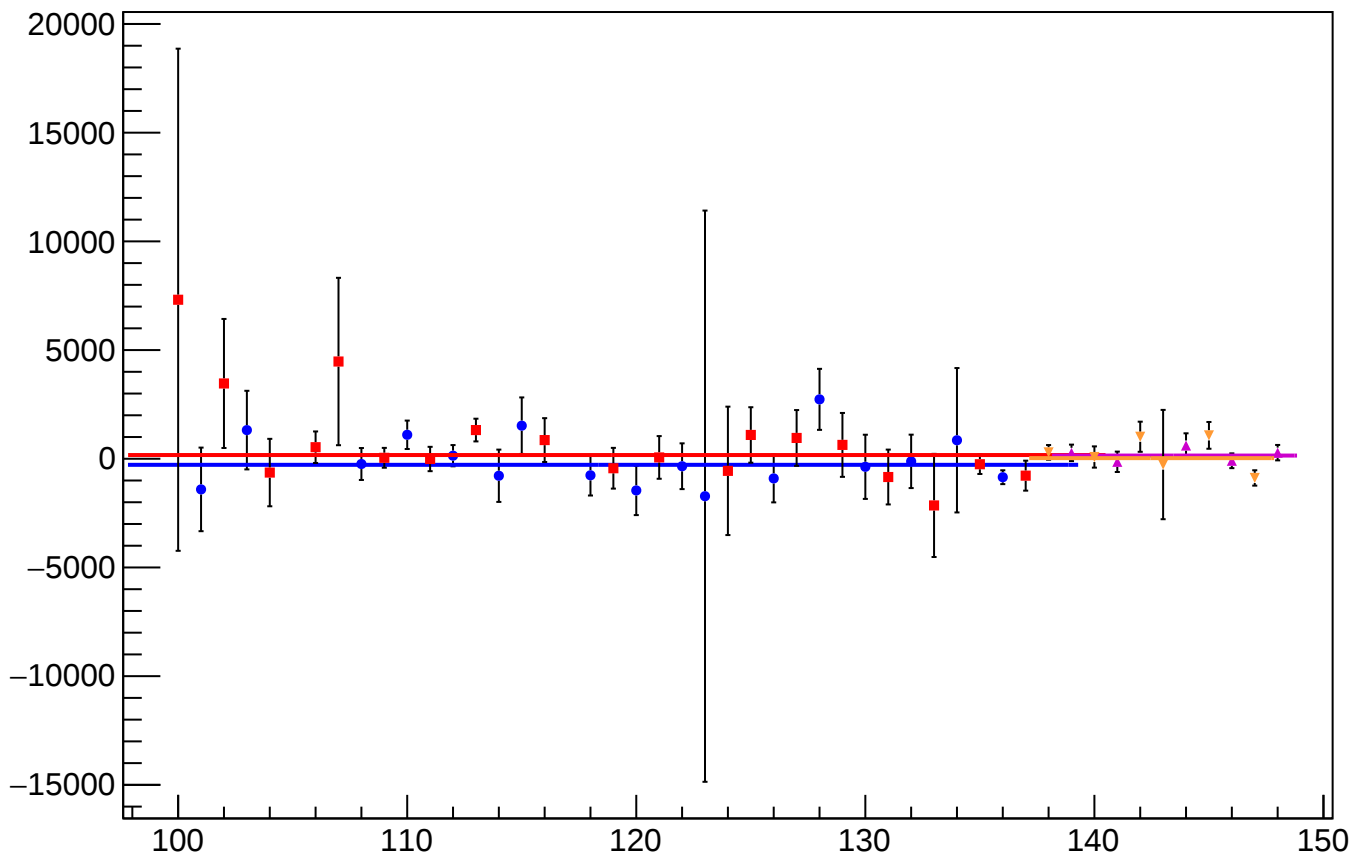
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

In: 1327.284+/-0.290 χ^2/NDF :528831.9/21

Out: 1369.674+/-0.294 χ^2/NDF :671110.5/24

All: 1348.171+/-0.207 χ^2/NDF : 1210458.4/46

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: 28.833 ± 196.808 χ^2/NDF : 12.2/5

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

Left In: 147.613 ± 178.803 χ^2/NDF : 1.8/4

Left: 93.903 ± 132.342 χ^2/NDF : 14.2/10

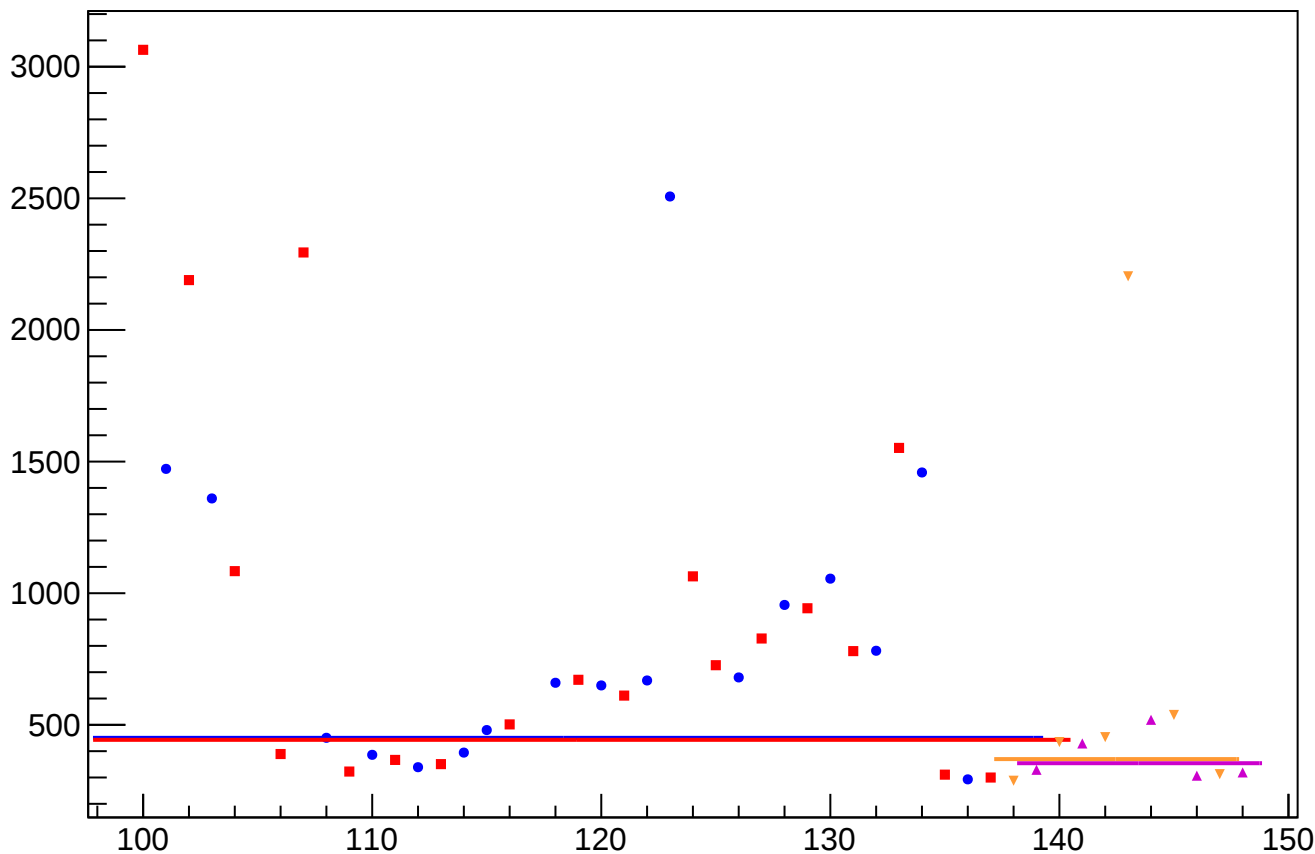
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

In: -43.754 ± 132.739 χ^2/NDF : 22.4/21

Out: 101.807 ± 137.602 χ^2/NDF : 27.2/24

All: 26.409 ± 95.533 χ^2/NDF : 50.2/46

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: 369.905+/-0.139 χ^2/NDF : 1447302.4/5

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

Left In: 354.287+/-0.126 χ^2/NDF : 290064.6/4

Left: 361.349+/-0.094 χ^2/NDF : 1744266.7/10

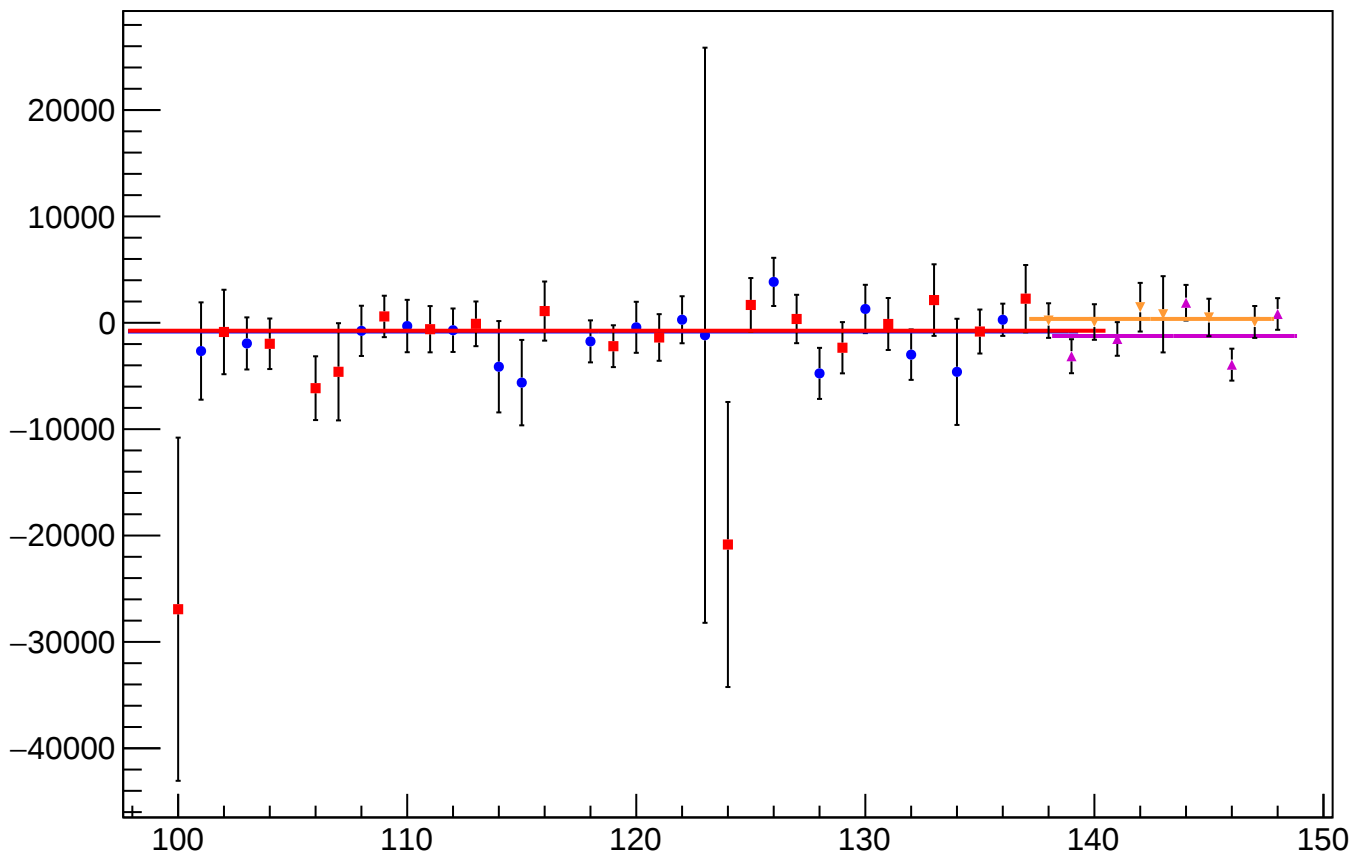
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

In: 397.518+/-0.094 χ^2/NDF : 3548258.7/21

Out: 407.317+/-0.097 χ^2/NDF : 5060065.9/24

All: 402.241+/-0.068 χ^2/NDF : 8613579.2/46

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: 363.368+/-751.273 χ^2/NDF : 0.3/5

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

Left In: -1241.567+/-699.582 χ^2/NDF : 10.1/4

Left: -496.207+/-511.979 χ^2/NDF : 12.9/10

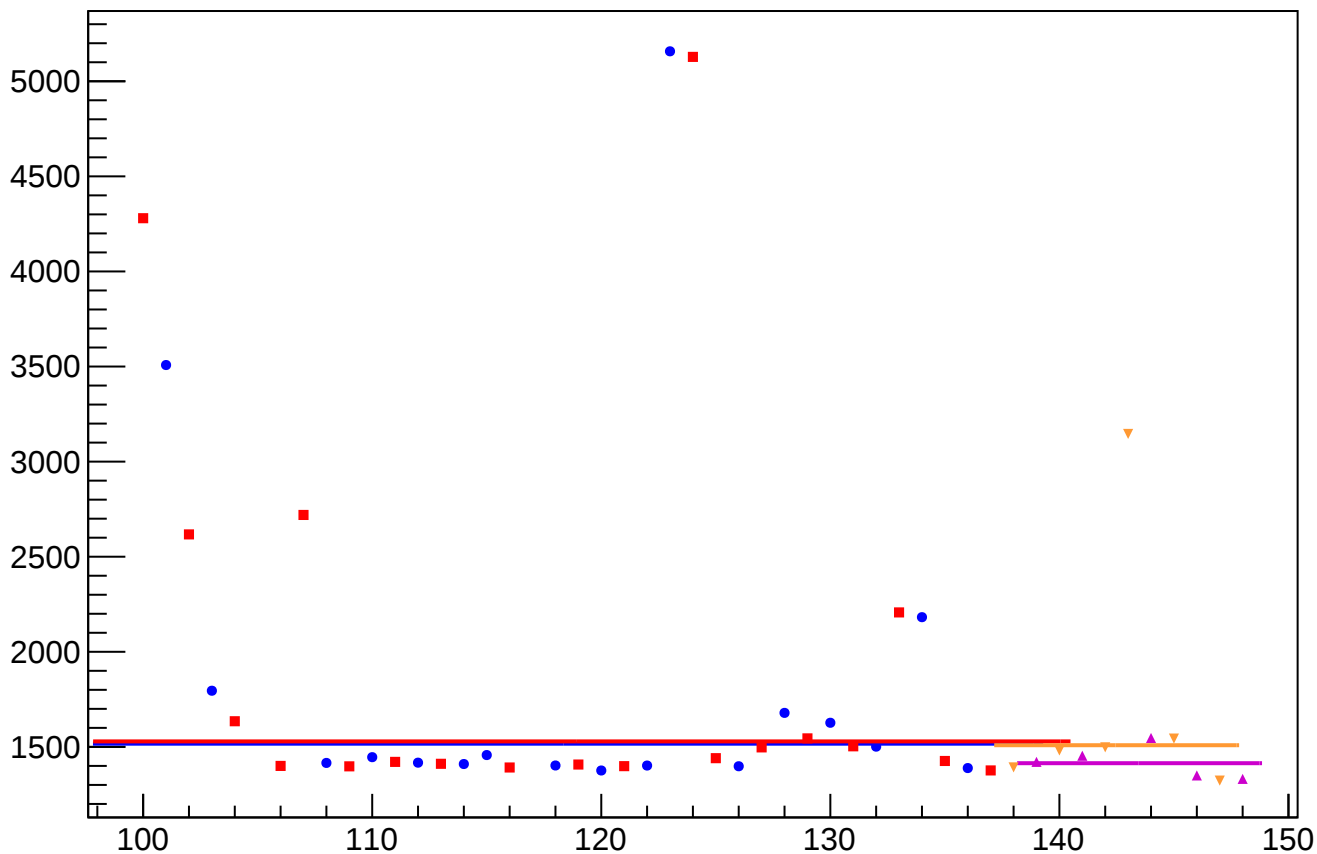
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -997.400+/-455.941 χ^2/NDF : 23.0/21

Out: -318.020+/-466.751 χ^2/NDF : 15.7/24

All: -665.668+/-326.154 χ^2/NDF : 39.8/46

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: 1508.772+/-0.531 χ^2 /NDF: 459642.4/5

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

Left In: 1414.268+/-0.495 χ^2 /NDF: 23649.1/4

Left: 1458.157+/-0.362 χ^2 /NDF: 500241.0/10

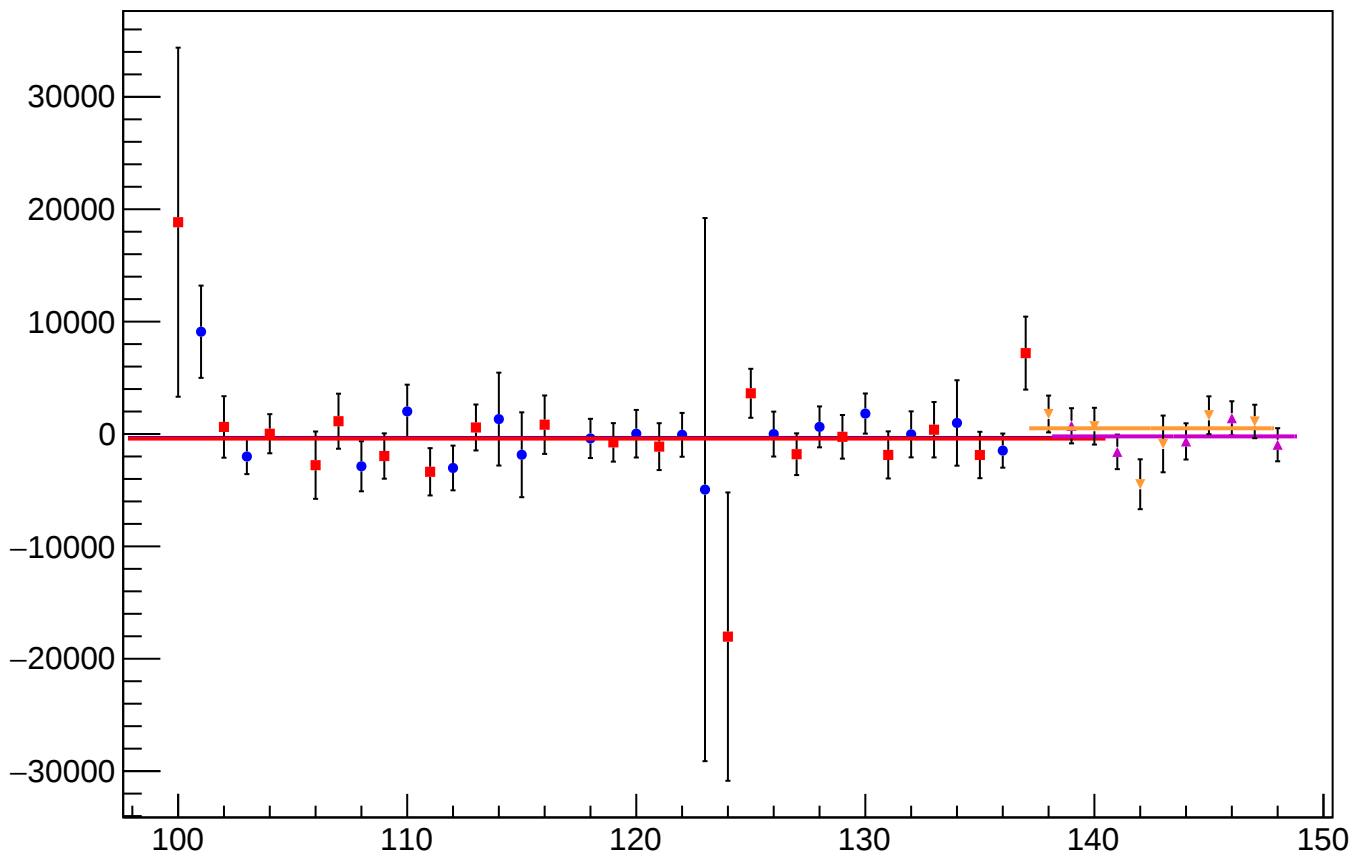
Right: 1522.950+/-0.299 χ^2 /NDF: 1171618.0/35

In: 1473.327+/-0.322 χ^2 /NDF: 589466.7/21

Out: 1521.104+/-0.330 χ^2 /NDF: 1090701.7/24

All: 1496.656+/-0.231 χ^2 /NDF: 1690891.6/46

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: 507.907+/-723.425 χ^2/NDF : 6.6/5

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

Left In: -213.874+/-687.222 χ^2/NDF : 2.7/4

Left: 128.504+/-498.246 χ^2/NDF : 9.8/10

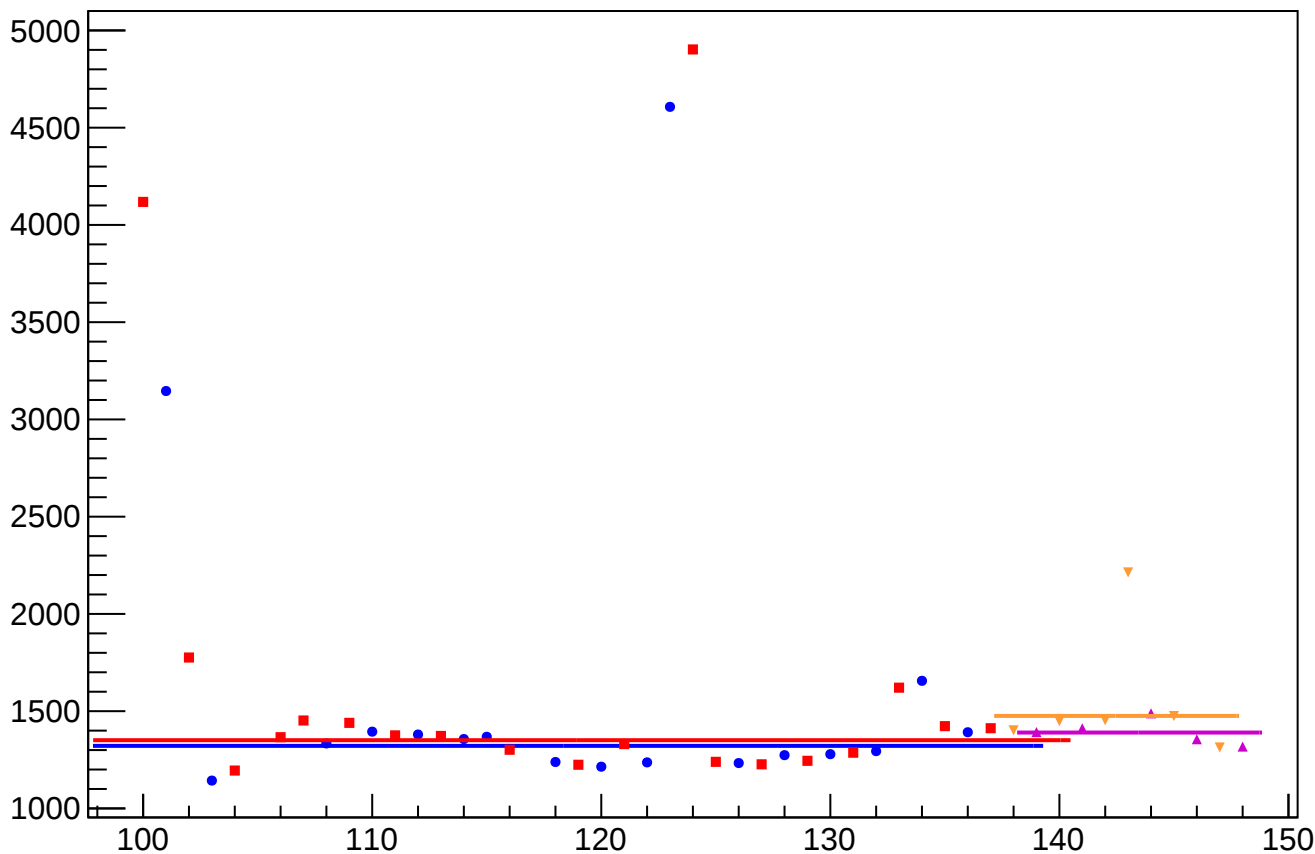
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -302.017+/-416.349 χ^2/NDF : 16.1/21

Out: -93.963+/-423.331 χ^2/NDF : 26.0/24

All: -199.720+/-296.841 χ^2/NDF : 42.2/46

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703 $\pm$ 0.370 χ^2/NDF : 502245.7/16

Left Out: 1475.731 $\pm$ 0.512 χ^2/NDF :199501.1/5

Right Out: 1350.773 $\pm$ 0.369 χ^2/NDF : 349883.8/18

Left In: 1390.129 $\pm$ 0.486 χ^2/NDF :13764.0/4

Left: 1430.735 $\pm$ 0.352 χ^2/NDF : 227984.8/10

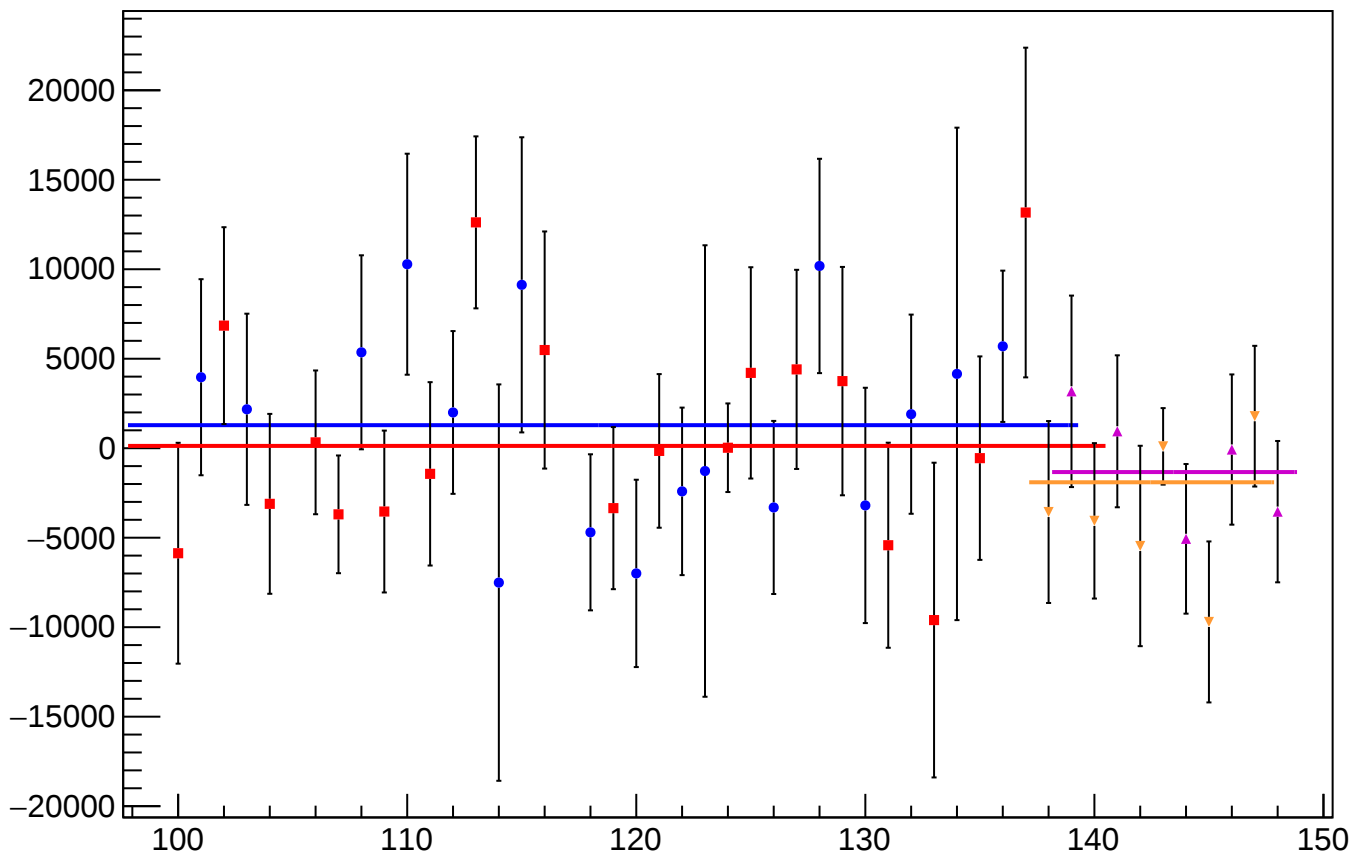
Right: 1336.281 $\pm$ 0.261 χ^2/NDF : 855224.6/35

In: 1346.818 $\pm$ 0.294 χ^2/NDF :528560.3/21

Out: 1393.531 $\pm$ 0.299 χ^2/NDF :588638.0/24

All: 1369.795 $\pm$ 0.210 χ^2/NDF : 1129581.8/46

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: -1903.080+/-1479.886 χ^2/NDF : 5.5/5

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

Left In: -1332.631+/-1929.688 χ^2/NDF : 2.2/4

Left: -1691.823+/-1174.312 χ^2/NDF : 7.8/10

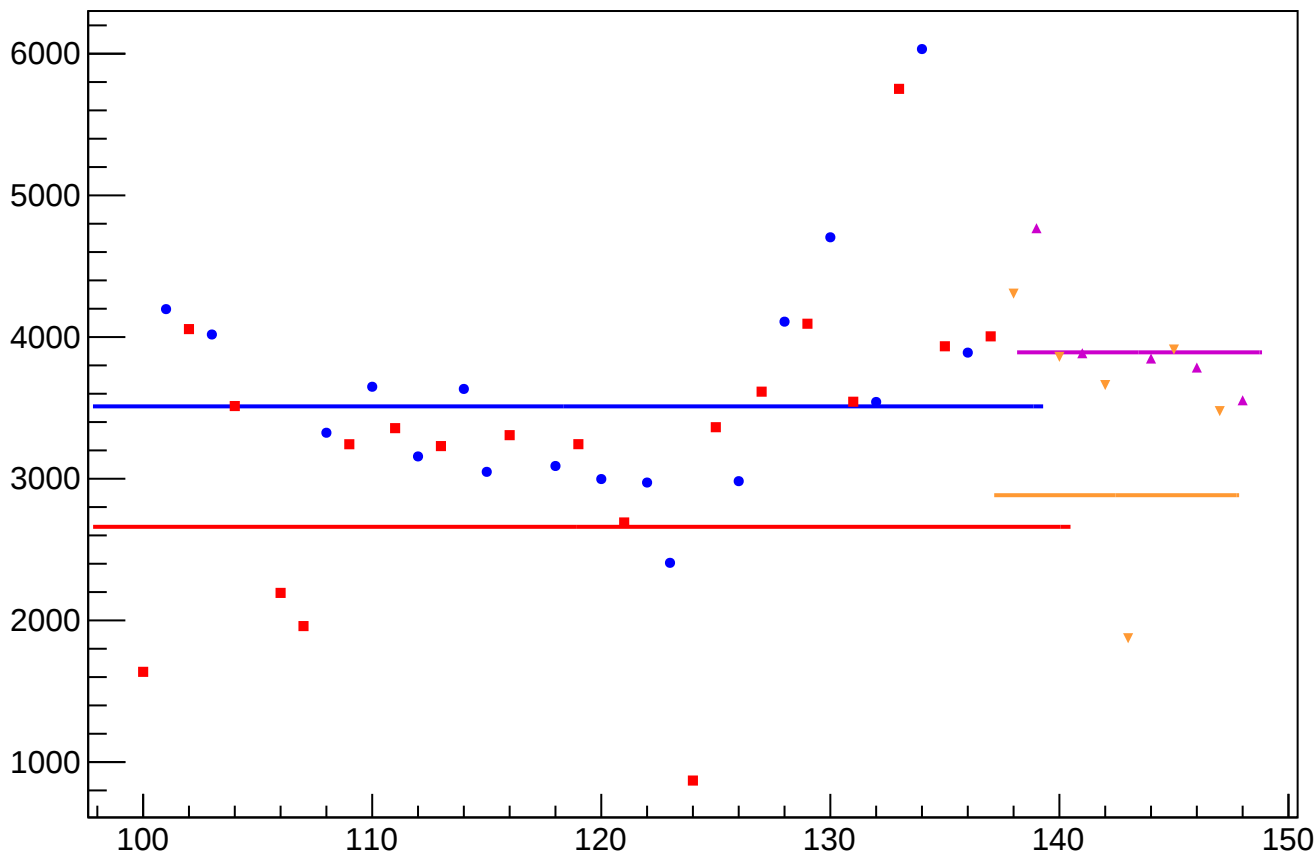
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 404.441+/-1120.262 χ^2/NDF : 17.7/21

Out: -584.209+/-876.720 χ^2/NDF : 25.3/24

All: -208.688+/-690.424 χ^2/NDF : 43.5/46

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 2883.788+/-1.046 χ^2/NDF : 892566.6/5

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

Left In: 3892.150+/-1.364 χ^2/NDF : 69870.5/4

Left: 3257.218+/-0.830 χ^2/NDF : 1306311.2/10

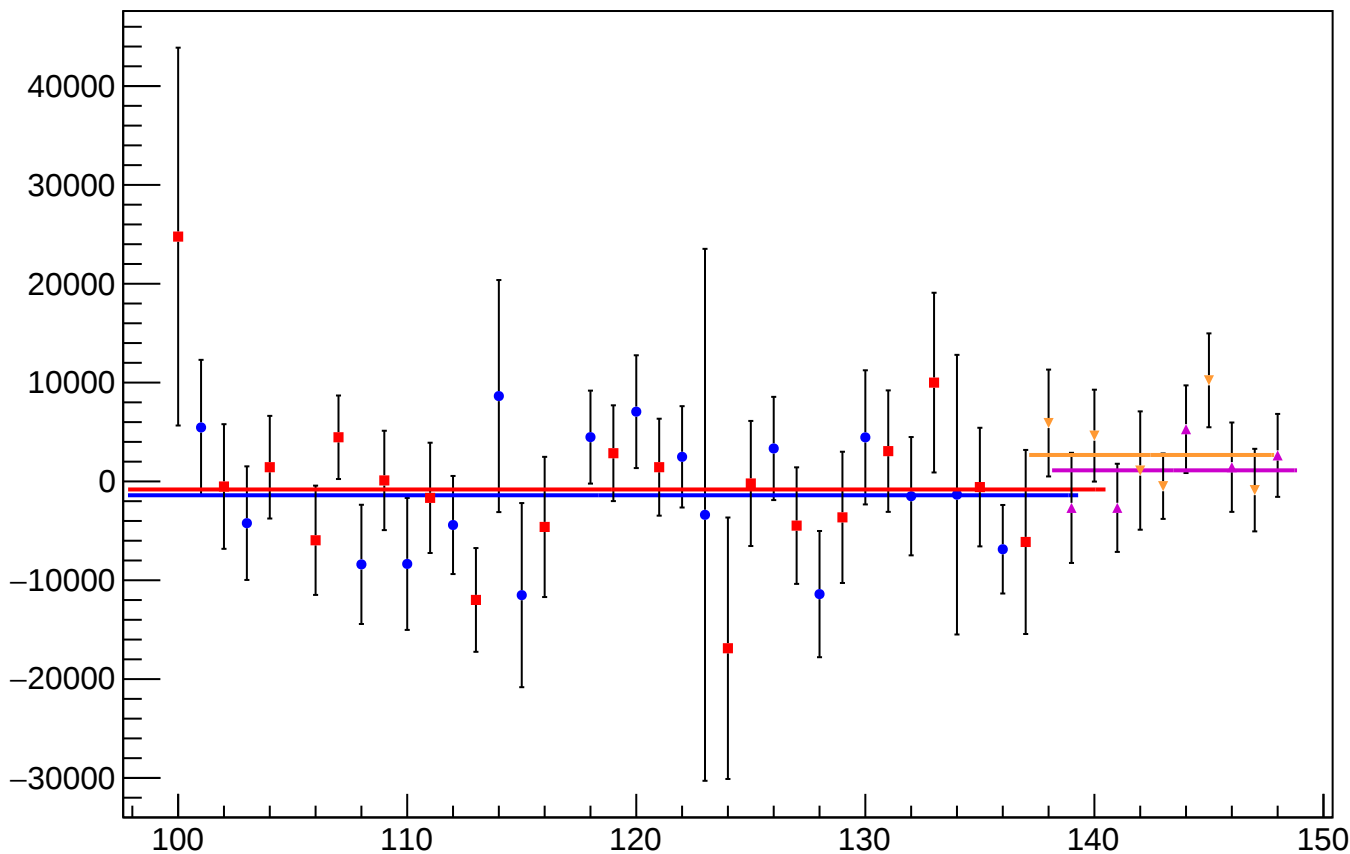
Right: 2987.822+/-0.604 χ^2/NDF : 2996466.4/35

In: 3639.325+/-0.792 χ^2/NDF : 465709.7/21

Out: 2738.955+/-0.620 χ^2/NDF : 3104739.5/24

All: 3080.944+/-0.488 χ^2/NDF : 4371649.6/46

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: 2676.825 $\pm$ 1821.725 χ^2 /NDF: 4.8/5

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

Left In: 1122.099 $\pm$ 2045.147 χ^2 /NDF: 2.2/4

Left: 1988.993 $\pm$ 1360.313 χ^2 /NDF: 7.3/10

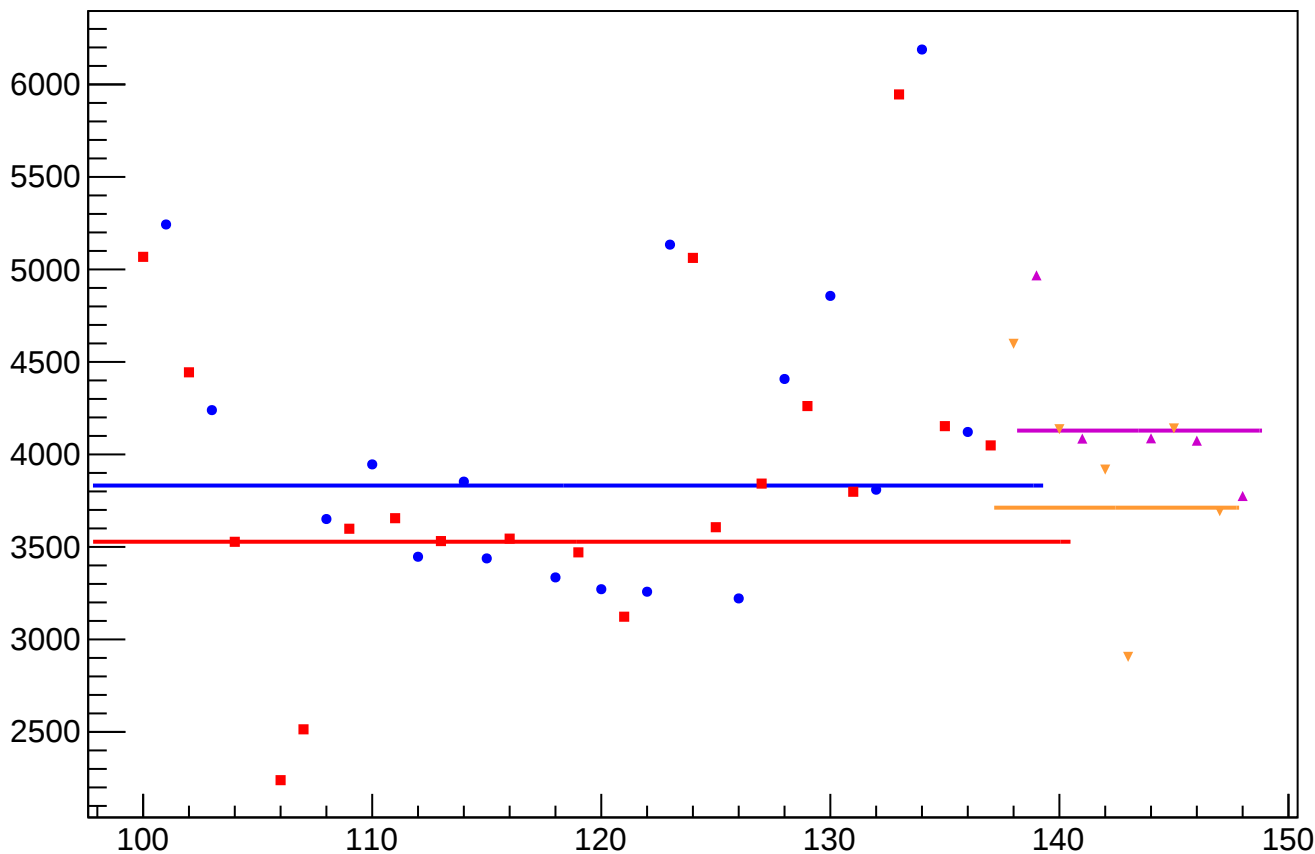
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -515.586 $\pm$ 1211.716 χ^2 /NDF: 19.0/21

Out: 457.704 $\pm$ 1099.562 χ^2 /NDF: 21.4/24

All: 18.177 $\pm$ 814.278 χ^2 /NDF: 40.7/46

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 ± 1.064 $\chi^2/\text{NDF}: 337707.1/16$

Left Out: 3712.195 ± 1.288 $\chi^2/\text{NDF}: 207708.4/5$

Right Out: 3528.100 ± 0.966 $\chi^2/\text{NDF}: 557192.5/18$

Left In: 4128.872 ± 1.446 $\chi^2/\text{NDF}: 60215.2/4$

Left: 3896.539 ± 0.962 $\chi^2/\text{NDF}: 314214.3/10$

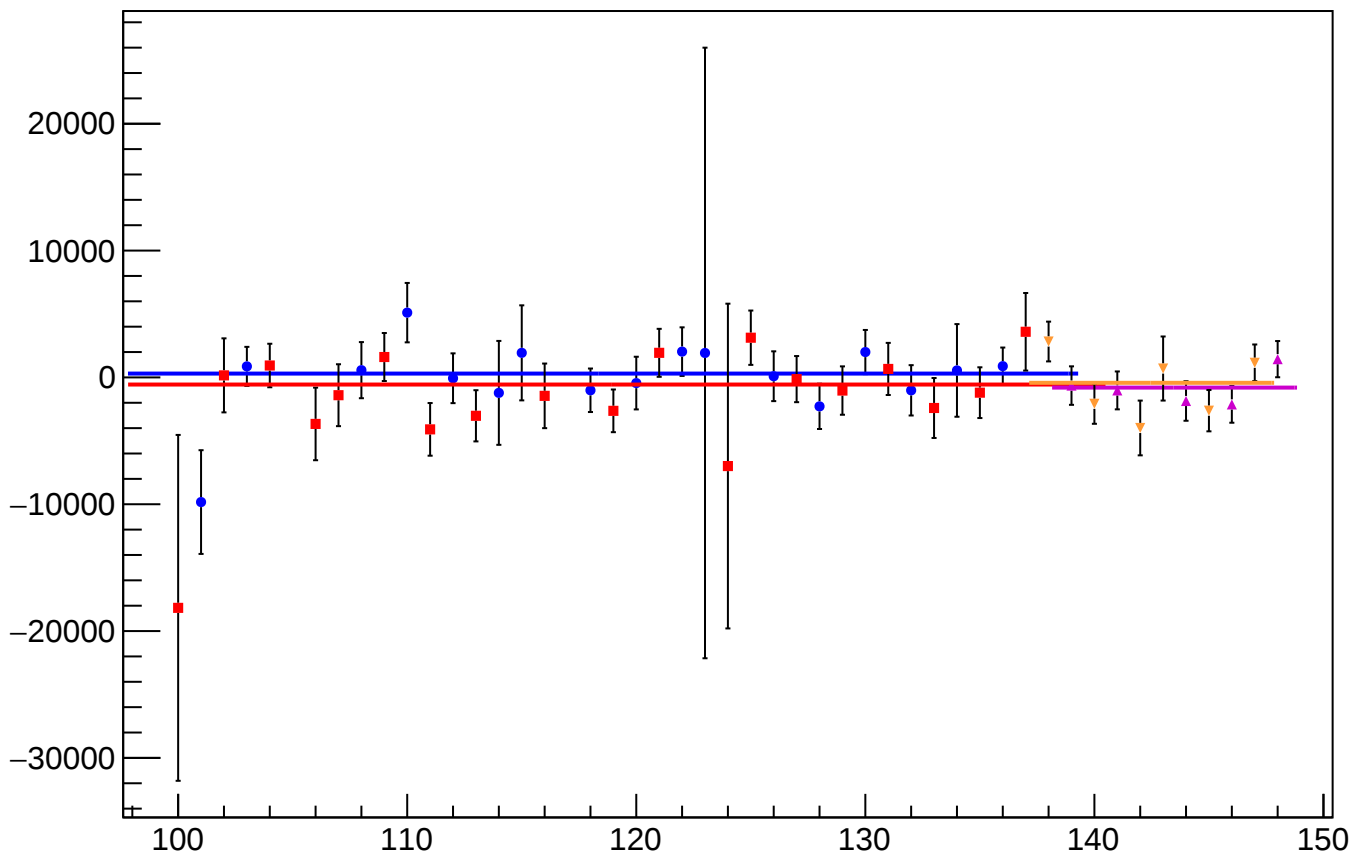
Right: 3665.441 ± 0.715 $\chi^2/\text{NDF}: 939571.7/35$

In: 3936.092 ± 0.857 $\chi^2/\text{NDF}: 425305.2/21$

Out: 3594.391 ± 0.773 $\chi^2/\text{NDF}: 777970.5/24$

All: 3747.717 ± 0.574 $\chi^2/\text{NDF}: 1290957.9/46$

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -425.362 ± 700.639 χ^2/NDF : 11.3/5

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

Left In: -803.282 ± 664.617 χ^2/NDF : 3.8/4

Left: -624.286 ± 482.187 χ^2/NDF : 15.3/10

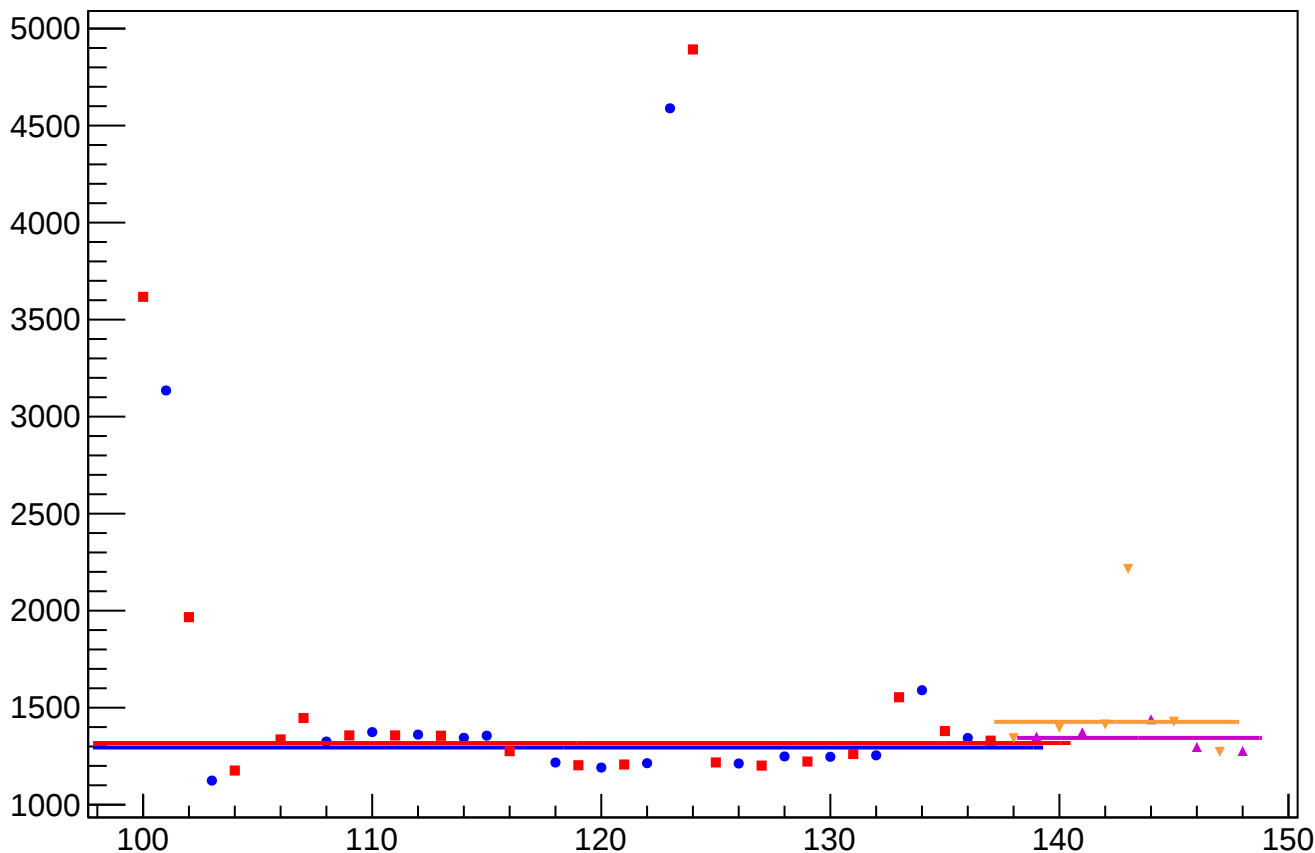
Right: -133.943 ± 361.026 χ^2/NDF : 36.6/35

In: -110.510 ± 406.015 χ^2/NDF : 21.6/21

Out: -515.032 ± 411.447 χ^2/NDF : 30.5/24

All: -310.083 ± 288.997 χ^2/NDF : 52.6/46

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: 1426.939+/-0.495 χ^2/NDF : 224416.0/5

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

Left In: 1344.182+/-0.470 χ^2/NDF : 14896.2/4

Left: 1383.378+/-0.341 χ^2/NDF : 253999.6/10

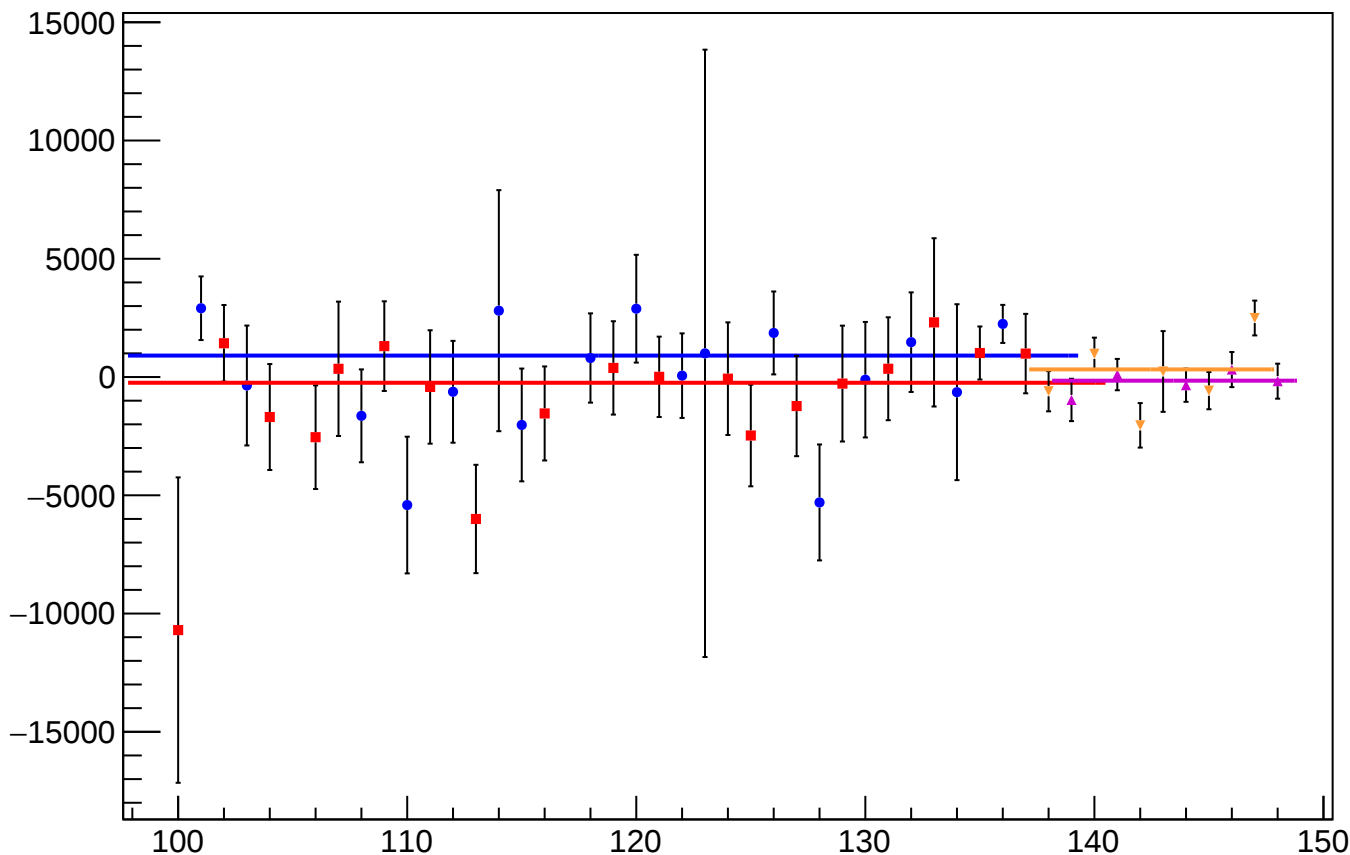
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1313.185+/-0.287 χ^2/NDF : 529640.6/21

Out: 1355.430+/-0.291 χ^2/NDF : 647023.6/24

All: 1334.027+/-0.204 χ^2/NDF : 1187346.4/46

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 322.367 $\pm$ 343.704 χ^2 /NDF:18.5/5

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -154.340 $\pm$ 329.942 χ^2 /NDF:1.5/4

Left: 74.279 $\pm$ 238.021 χ^2 /NDF: 20.9/10

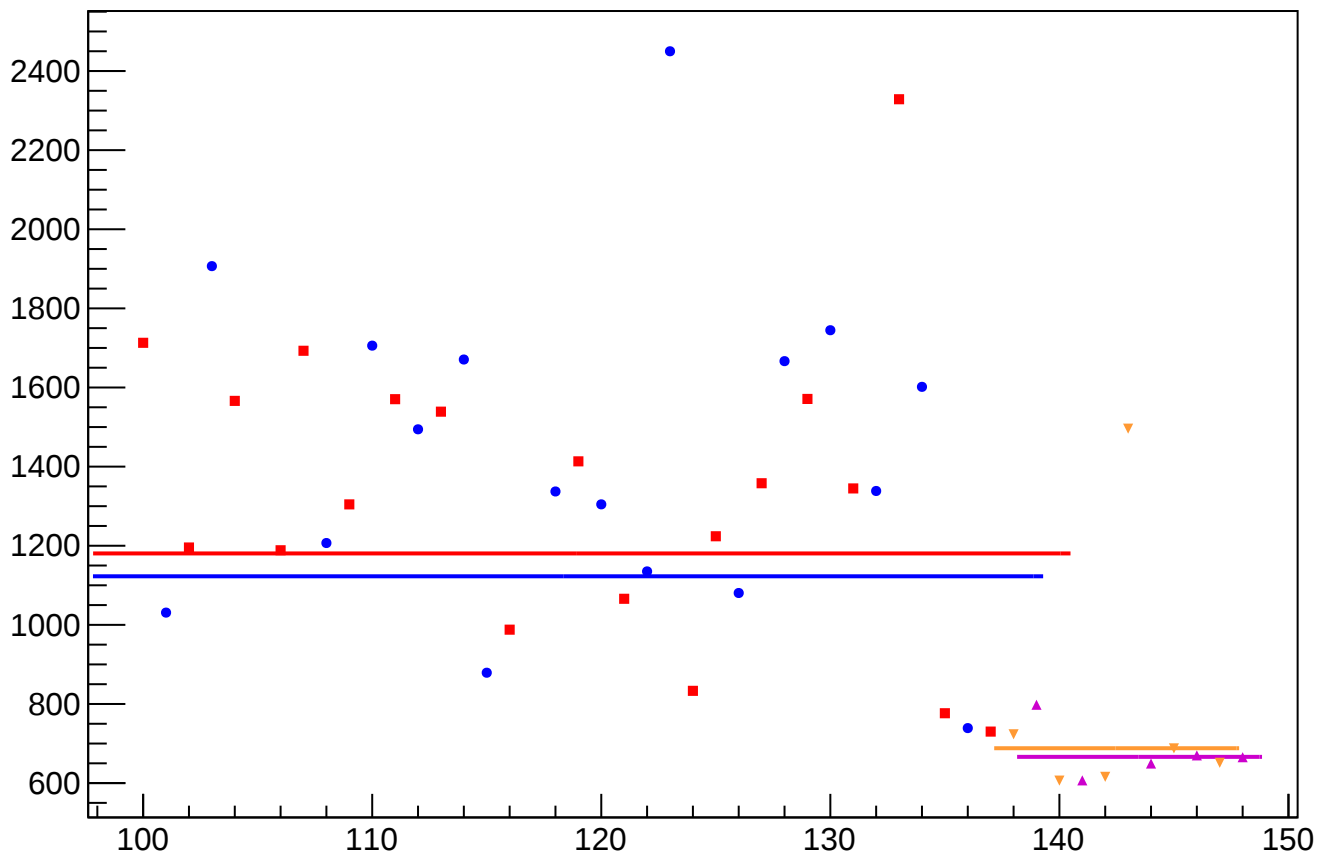
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 210.432 $\pm$ 267.276 χ^2 /NDF:27.0/21

Out: 121.937 $\pm$ 276.046 χ^2 /NDF:35.9/24

All: 167.612 $\pm$ 192.018 χ^2 /NDF: 62.9/46

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: 688.146+/-0.243 χ^2/NDF : 497068.2/5

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

Left In: 666.328+/-0.233 χ^2/NDF : 60566.3/4

Left: 676.792+/-0.168 χ^2/NDF : 561828.4/10

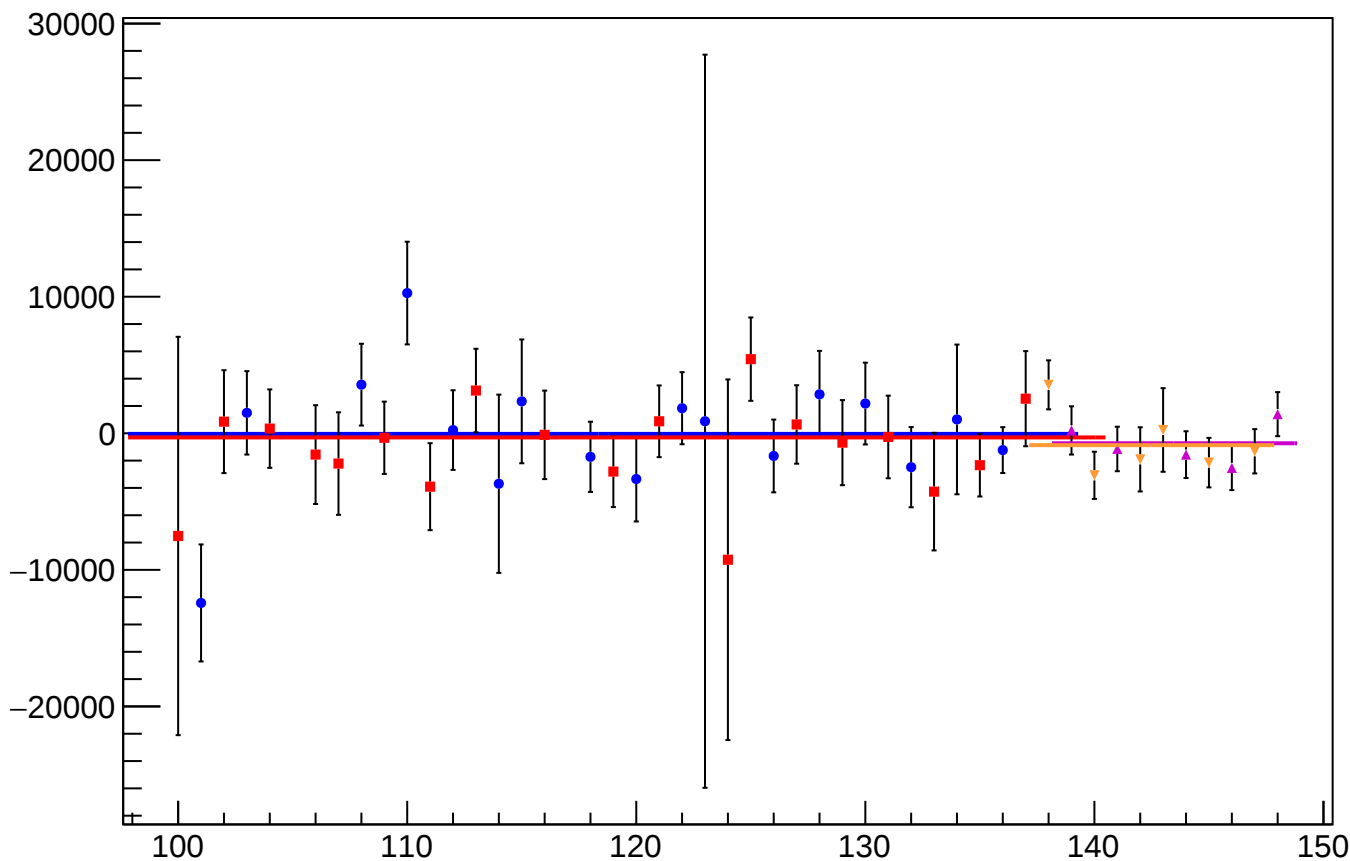
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 823.250+/-0.189 χ^2/NDF : 2564466.1/21

Out: 862.925+/-0.195 χ^2/NDF : 2989507.4/24

All: 842.447+/-0.136 χ^2/NDF : 5575297.9/46

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: -868.426 ± 786.173 χ^2/NDF : 8.6/5

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -730.018 ± 745.129 χ^2/NDF : 3.6/4

Left: -795.515 ± 540.814 χ^2/NDF : 12.2/10

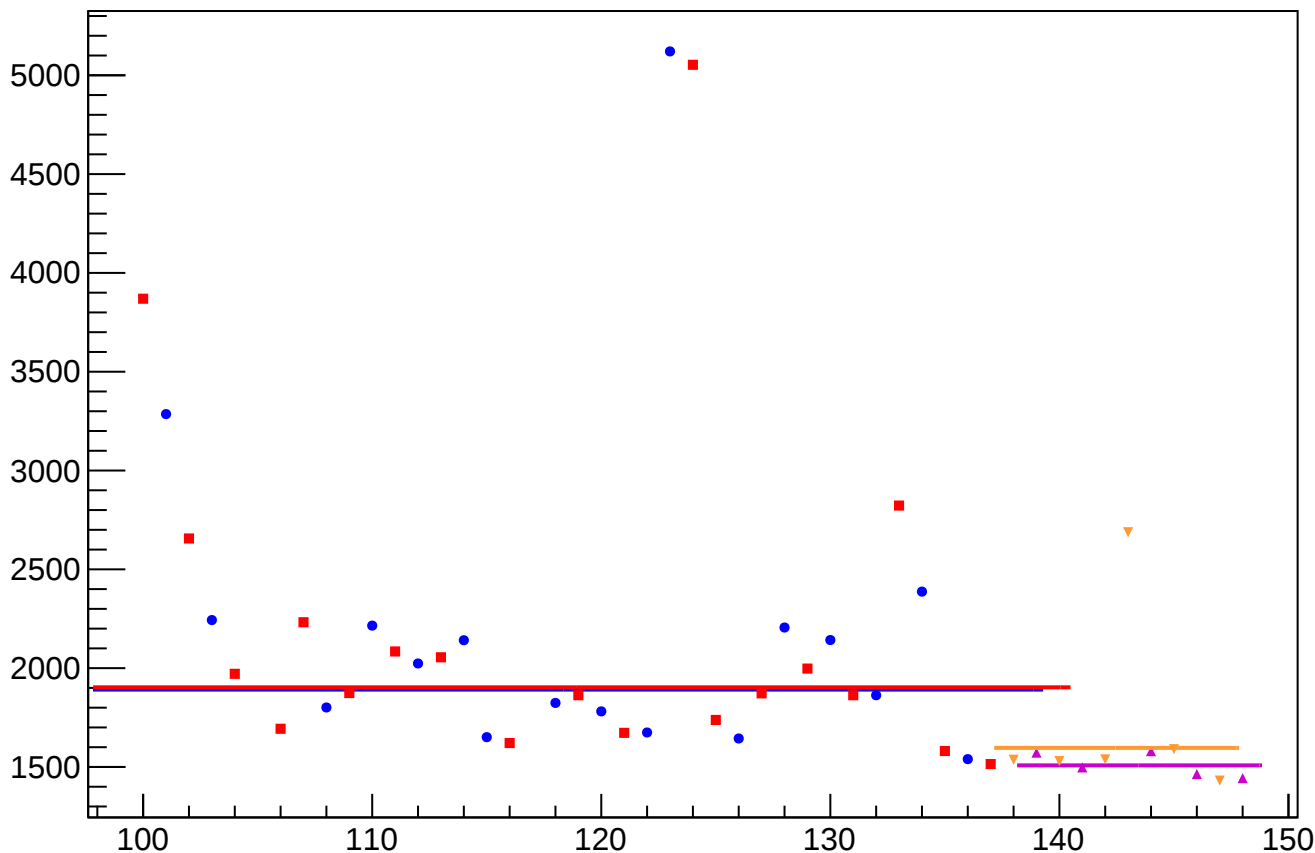
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -388.322 ± 527.753 χ^2/NDF : 27.2/21

Out: -566.890 ± 536.692 χ^2/NDF : 19.7/24

All: -476.107 ± 376.299 χ^2/NDF : 47.0/46

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: 1596.543+/-0.556 χ^2/NDF : 281209.7/5

Right Out: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1508.124+/-0.527 χ^2/NDF : 10941.2/4

Left: 1549.965+/-0.382 χ^2/NDF : 305477.3/10

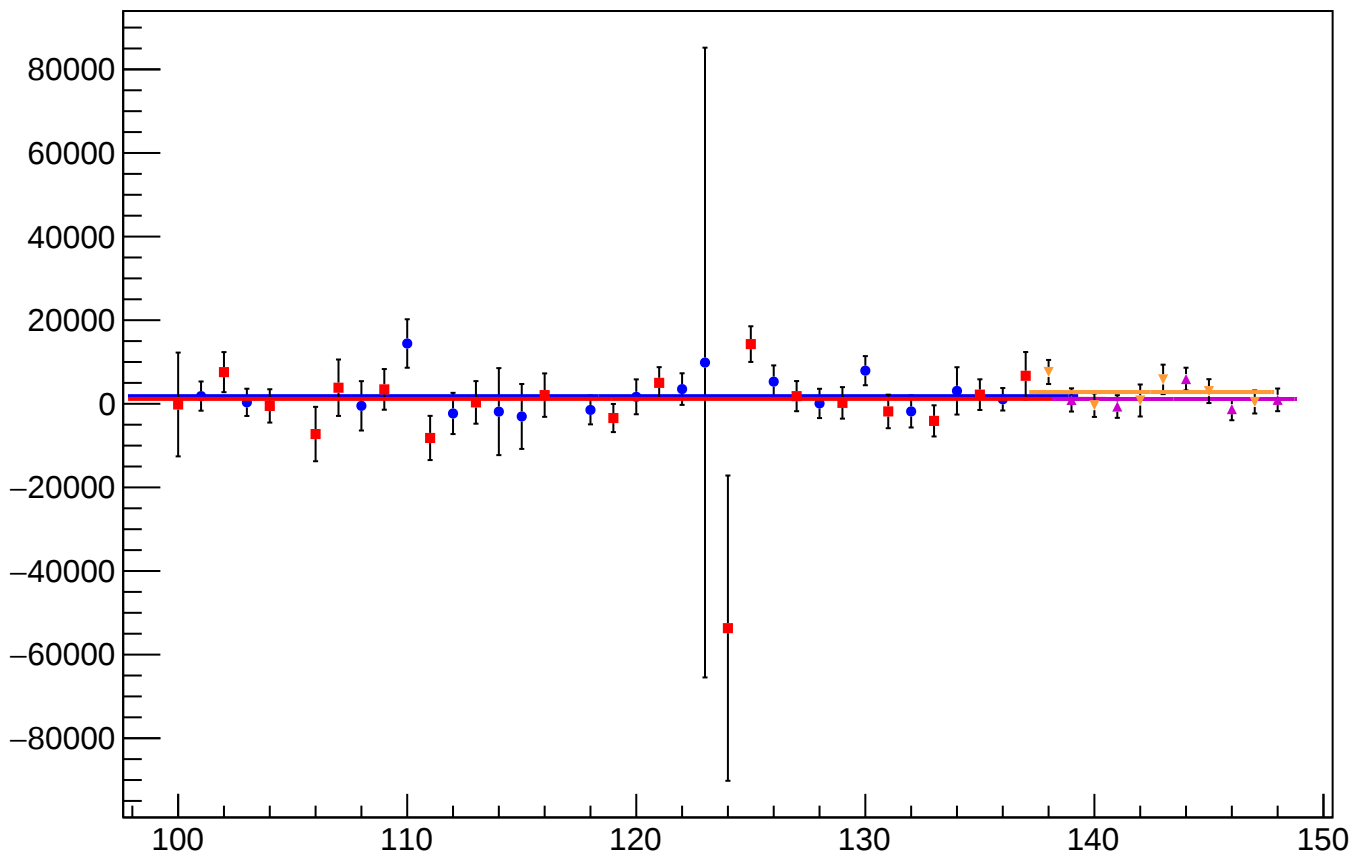
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1699.266+/-0.373 χ^2/NDF : 744109.5/21

Out: 1760.189+/-0.379 χ^2/NDF : 903644.1/24

All: 1729.216+/-0.266 χ^2/NDF : 1660856.2/46

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 2814.884+/-1240.219 χ^2/NDF : 5.8/5

Right Out: 1173.235+/-1046.189 χ^2/NDF : 25.5/18

Left In: 1149.837+/-1212.968 χ^2/NDF : 4.4/4

Left: 1963.867+/-867.172 χ^2/NDF : 11.1/10

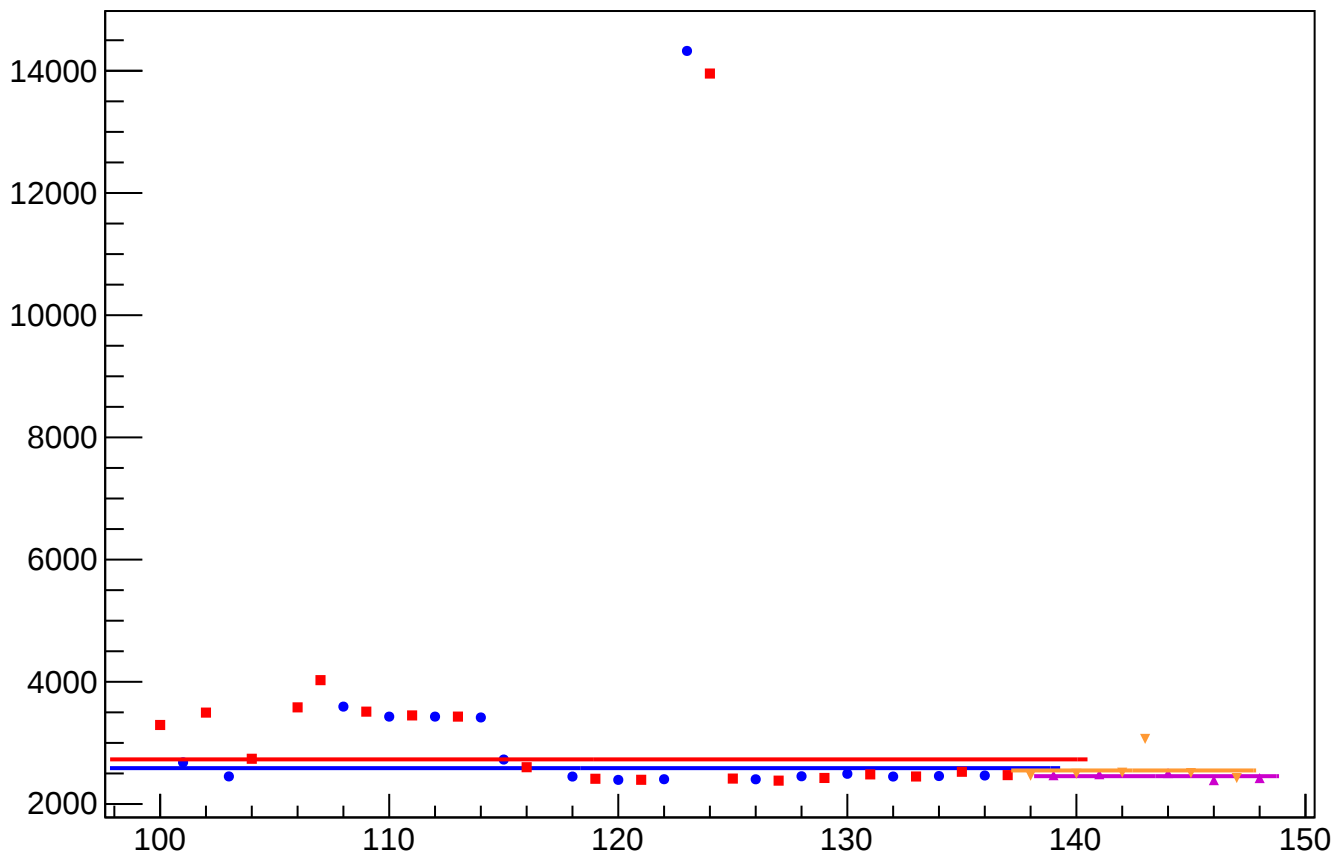
Right: 1510.553+/-726.697 χ^2/NDF : 38.2/35

In: 1548.525+/-776.233 χ^2/NDF : 17.1/21

Out: 1855.742+/-799.671 χ^2/NDF : 32.3/24

All: 1697.565+/-556.982 χ^2/NDF : 49.5/46

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2549.203 +/- 0.877 χ^2/NDF : 50324.1/5

Right Out: 2730.484 +/- 0.740 χ^2/NDF : 584993.0/18

Left In: 2455.567 +/- 0.858 χ^2/NDF : 2525.5/4

Left: 2501.345 +/- 0.613 χ^2/NDF : 58676.4/10

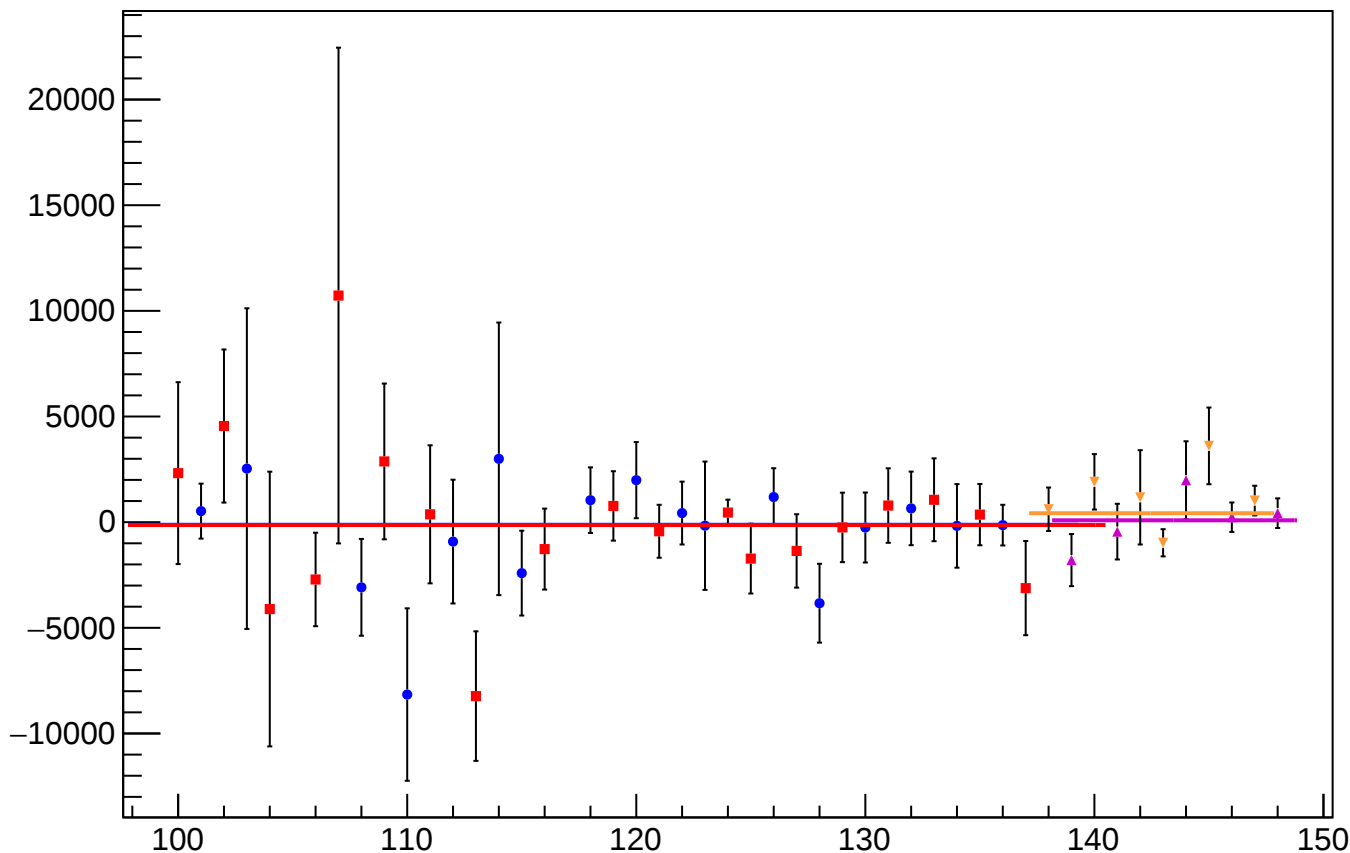
Right: 2656.218 +/- 0.514 χ^2/NDF : 858580.5/35

In: 2533.161 +/- 0.549 χ^2/NDF : 270499.2/21

Out: 2655.117 +/- 0.565 χ^2/NDF : 660282.9/24

All: 2592.326 +/- 0.394 χ^2/NDF : 954732.4/46

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 423.017+/-393.206 χ^2/NDF :10.0/5

Right Out: -135.340+/-379.439 χ^2/NDF : 17.9/18

Left In: 88.152+/-421.873 χ^2/NDF :3.8/4

Left: 267.347+/-287.640 χ^2/NDF : 14.1/10

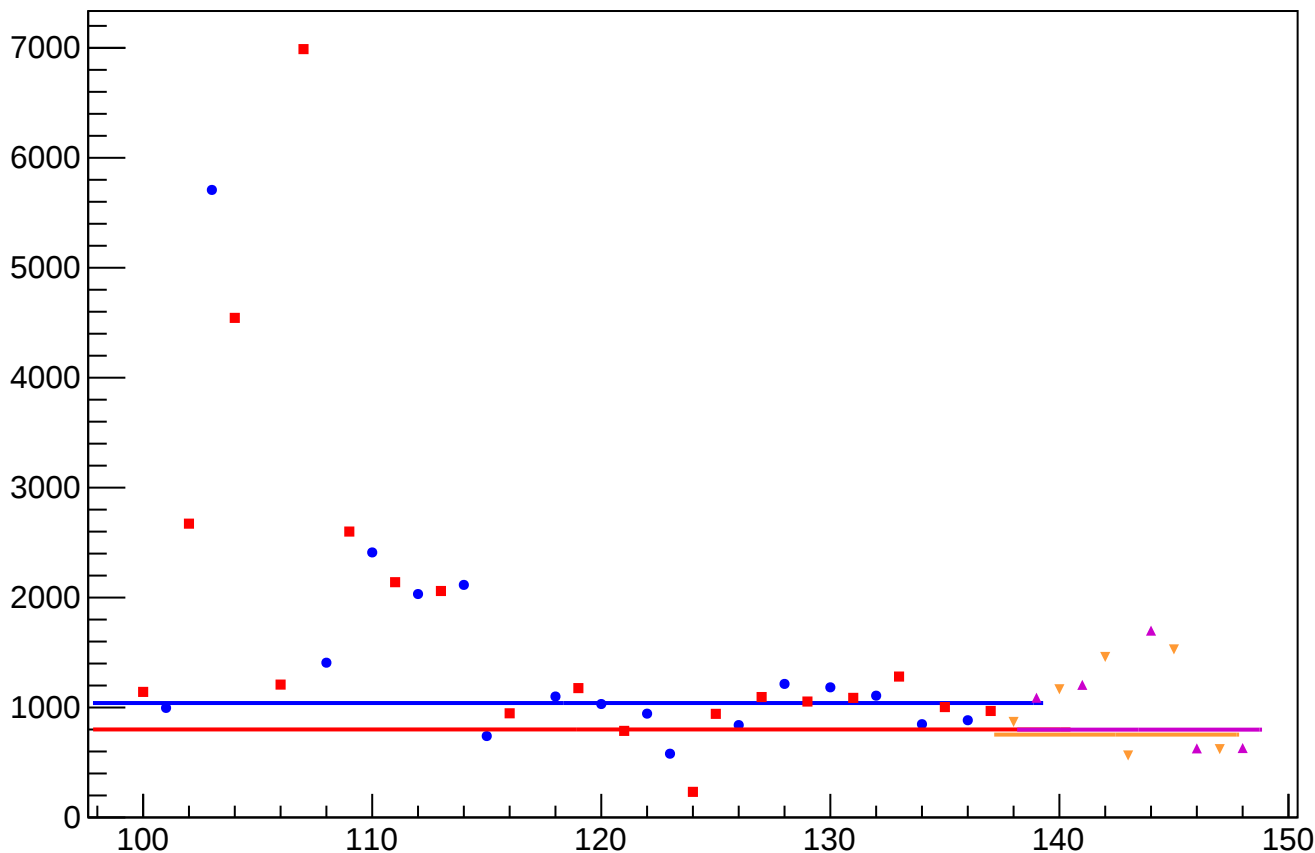
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -15.944+/-301.402 χ^2/NDF :18.6/21

Out: 133.893+/-273.041 χ^2/NDF :28.9/24

All: 66.354+/-202.355 χ^2/NDF : 47.7/46

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 753.576 ± 0.278 χ^2/NDF : 1032400.2/5

Right Out: 800.407 ± 0.268 χ^2/NDF : 5187026.8/18

Left In: 798.731 ± 0.298 χ^2/NDF : 1012400.9/4

Left: 774.567 ± 0.203 χ^2/NDF : 2057062.2/10

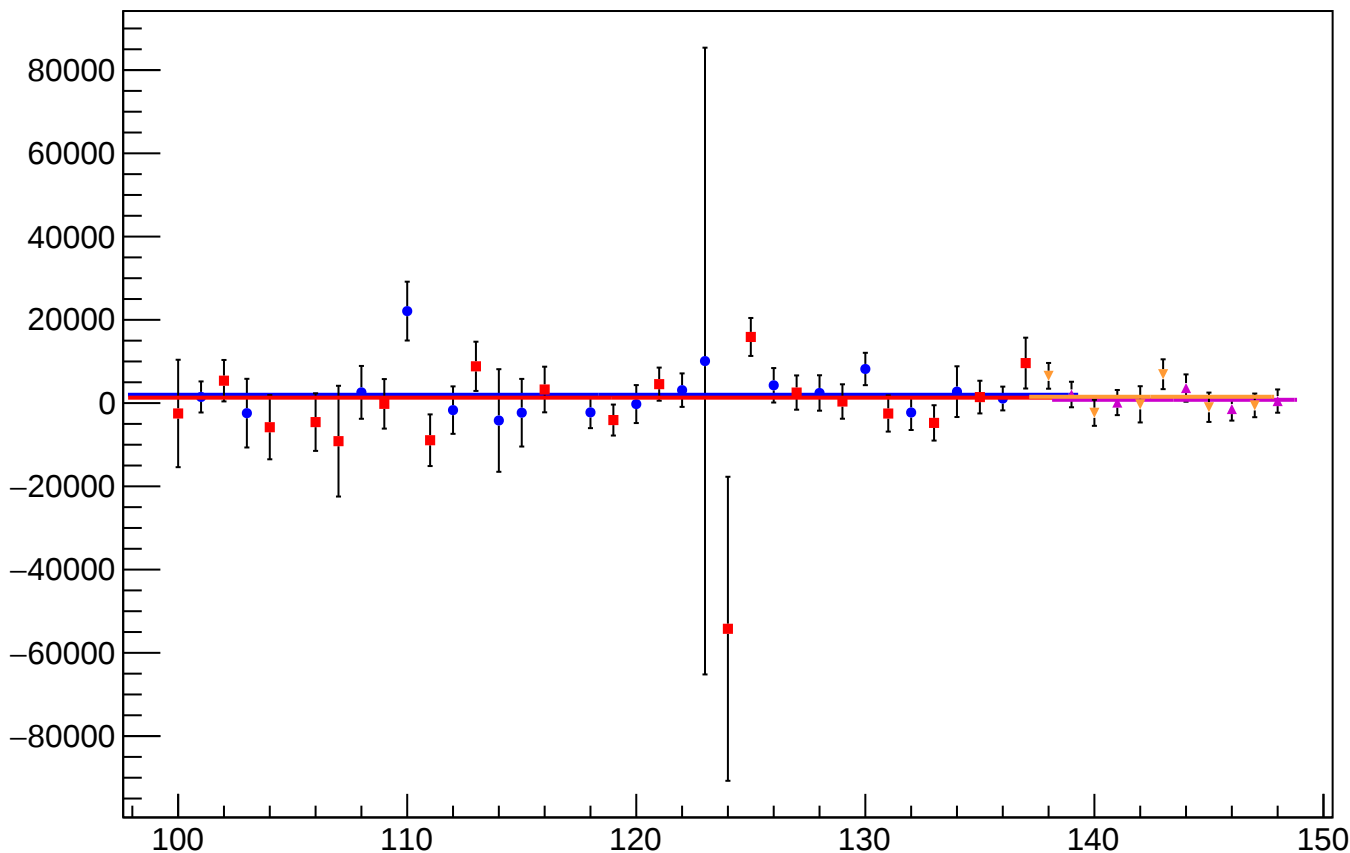
Right: 905.419 ± 0.201 χ^2/NDF : 7110681.5/35

In: 917.223 ± 0.213 χ^2/NDF : 2907708.5/21

Out: 777.826 ± 0.193 χ^2/NDF : 6234117.2/24

All: 840.659 ± 0.143 χ^2/NDF : 9376797.8/46

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1517.523+/-1359.026 χ^2/NDF : 7.7/5

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 789.144+/-1329.090 χ^2/NDF : 1.6/4

Left: 1145.223+/-950.216 χ^2/NDF : 9.4/10

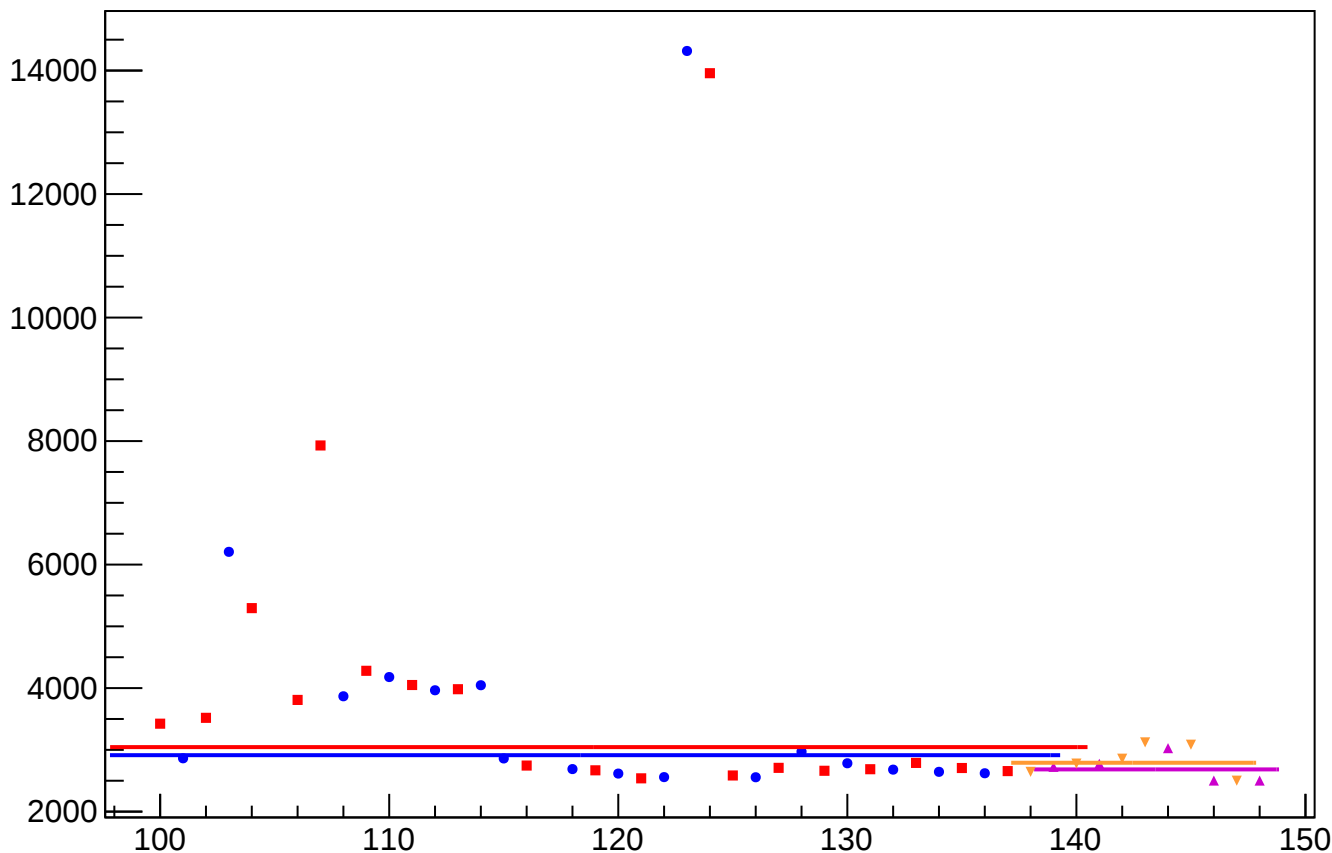
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1476.860+/-871.830 χ^2/NDF : 17.0/21

Out: 1396.616+/-894.715 χ^2/NDF : 35.2/24

All: 1437.777+/-624.411 χ^2/NDF : 52.2/46

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2791.123+/-0.961 χ^2/NDF : 56626.1/5

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2683.392+/-0.940 χ^2/NDF : 40972.2/4

Left: 2736.058+/-0.672 χ^2/NDF : 104022.1/10

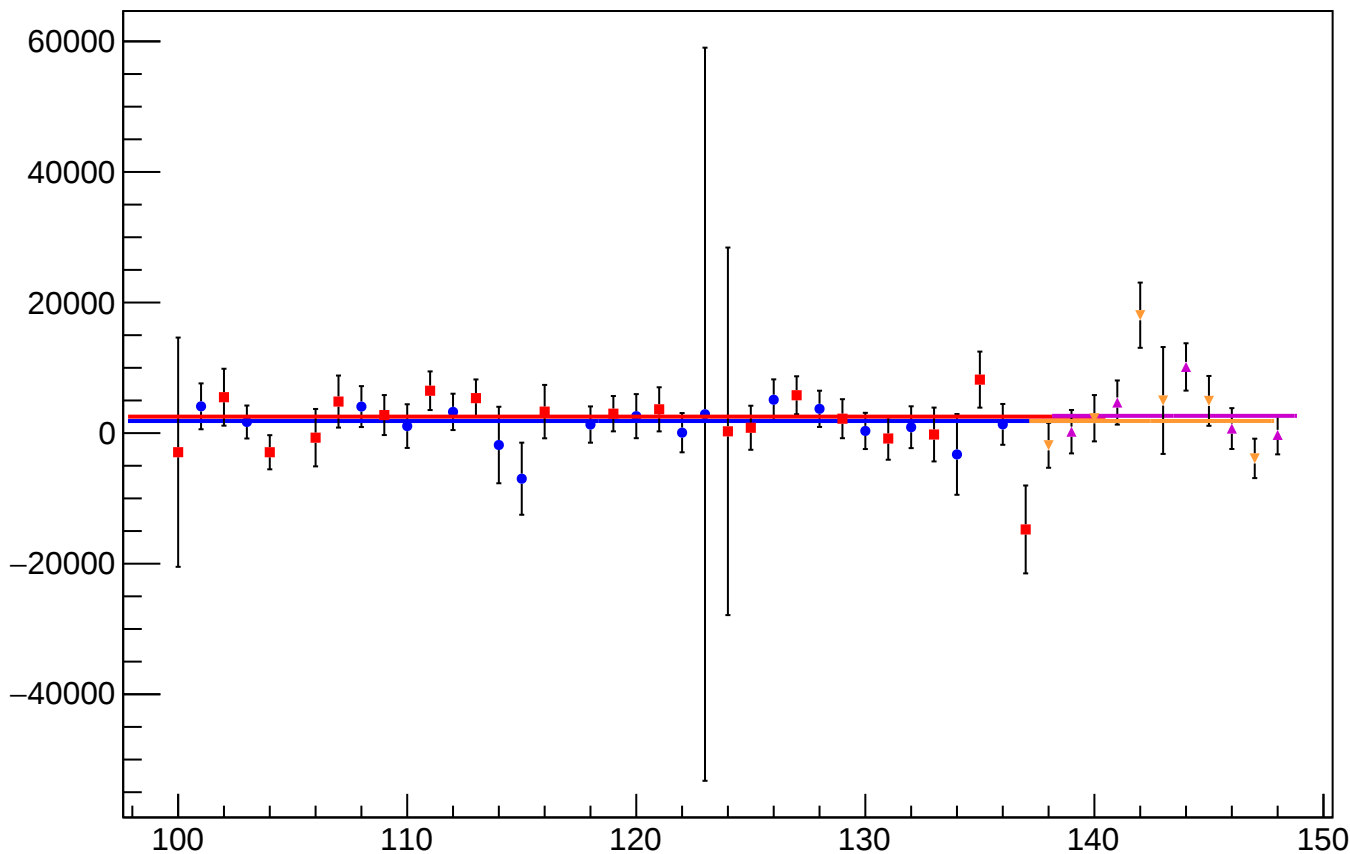
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2814.702+/-0.616 χ^2/NDF : 714222.4/21

Out: 2934.665+/-0.633 χ^2/NDF : 1101332.6/24

All: 2873.130+/-0.442 χ^2/NDF : 1833998.1/46

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 1855.717+/-1586.714 χ^2/NDF : 16.1/5

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

Left In: 2646.054+/-1460.419 χ^2/NDF : 6.5/4

Left: 2283.586+/-1074.551 χ^2/NDF : 22.8/10

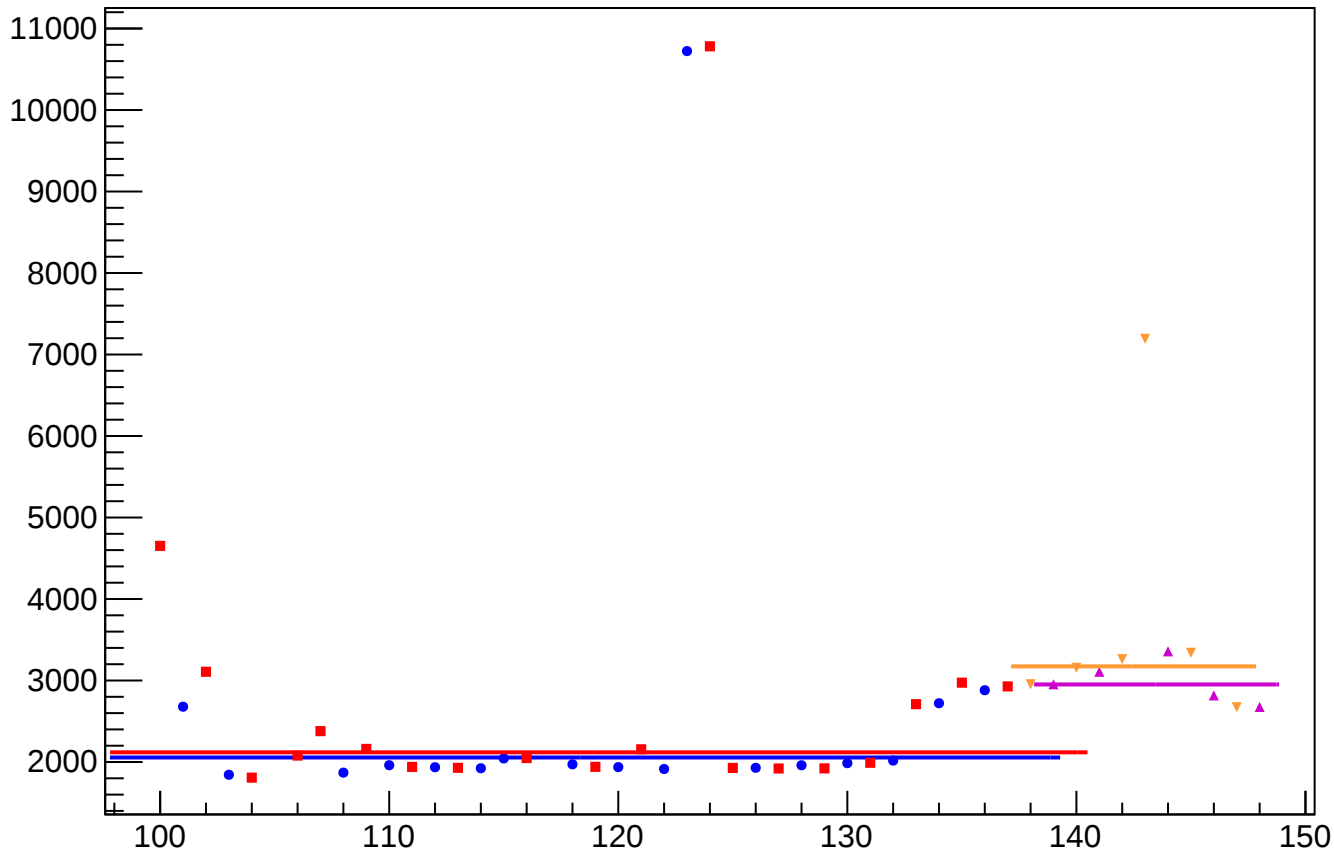
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 2036.199+/-706.174 χ^2/NDF : 14.0/21

Out: 2383.014+/-727.372 χ^2/NDF : 36.4/24

All: 2204.479+/-506.669 χ^2/NDF : 50.5/46

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 3173.604+/-1.122 χ^2/NDF : 549807.8/5

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2951.500+/-1.033 χ^2/NDF : 50230.0/4

Left: 3053.362+/-0.760 χ^2/NDF : 621253.0/10

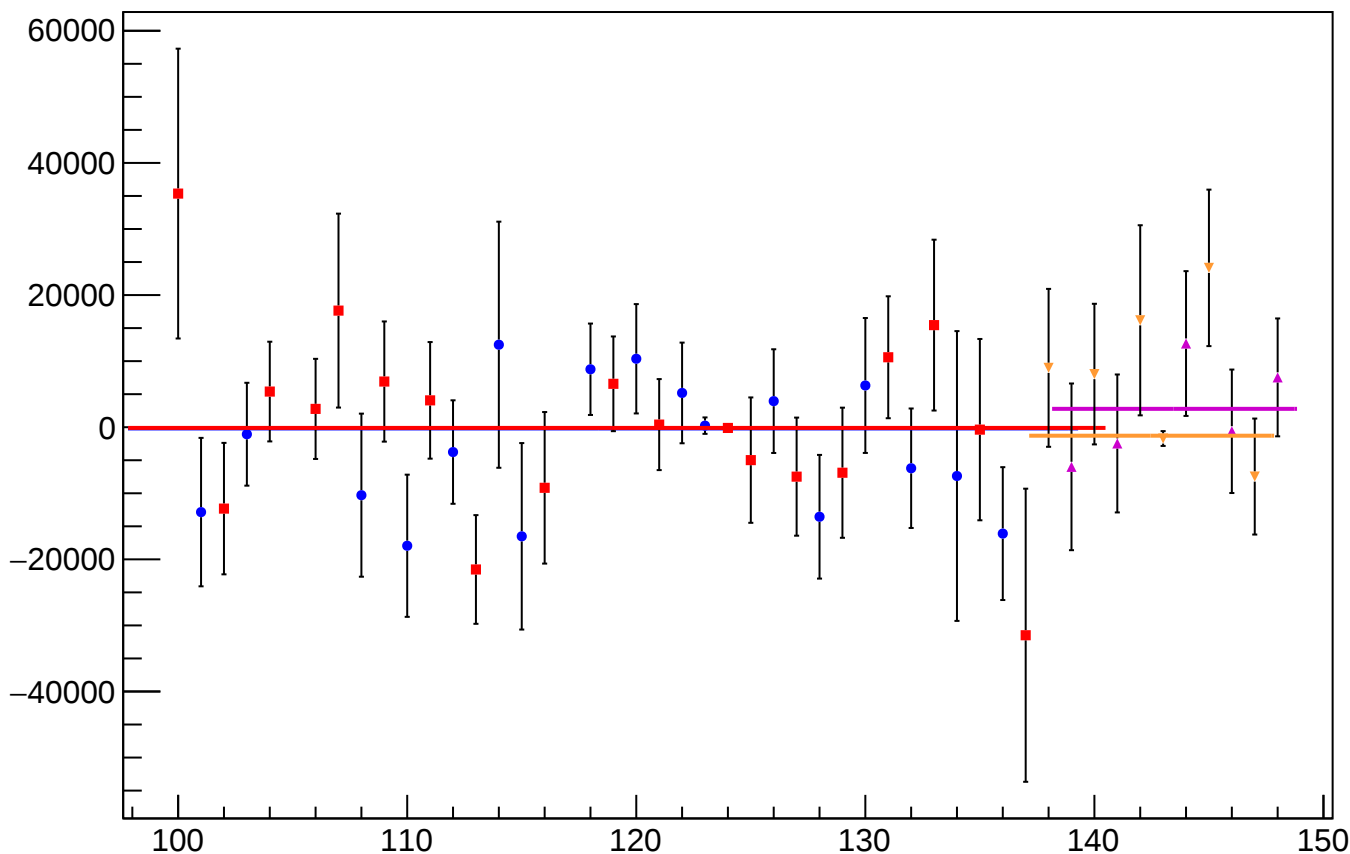
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2264.955+/-0.499 χ^2/NDF : 943482.6/21

Out: 2339.938+/-0.514 χ^2/NDF : 1822080.0/24

All: 2301.383+/-0.358 χ^2/NDF : 2776517.2/46

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1285.456+/-1094.522 χ^2/NDF : 8.2/5

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

Left In: 2780.011+/-4573.456 χ^2/NDF : 2.0/4

Left: -1065.223+/-1064.463 χ^2/NDF : 10.9/10

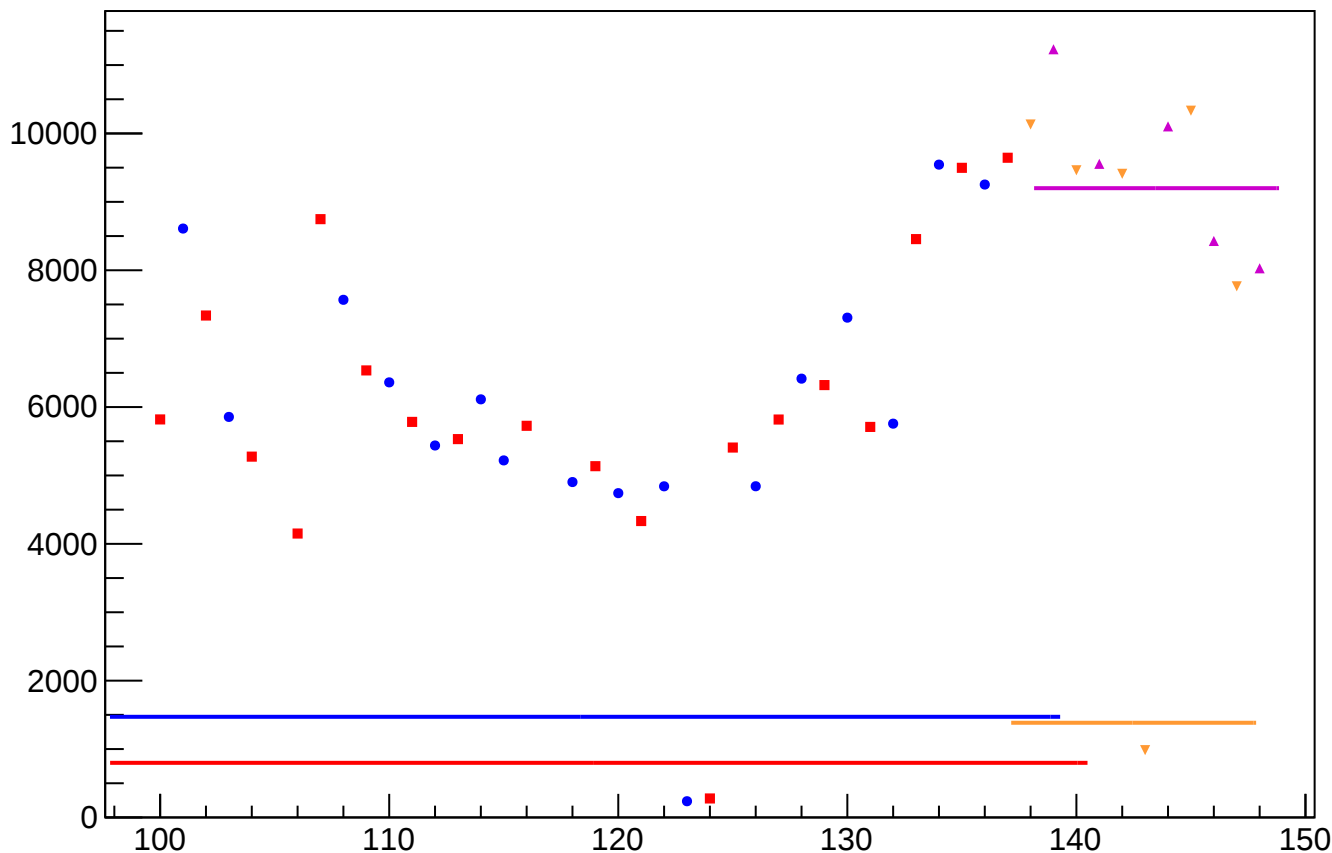
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -22.872+/-1070.217 χ^2/NDF : 18.7/21

Out: -442.399+/-584.080 χ^2/NDF : 30.6/24

All: -346.119+/-512.696 χ^2/NDF : 49.5/46

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1384.455+/-0.774 χ^2/NDF : 5299393.5/5

Right Out: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 9200.125+/-3.234 χ^2/NDF : 115884.2/4

Left: 1807.843+/-0.753 χ^2/NDF : 10939686.1/10

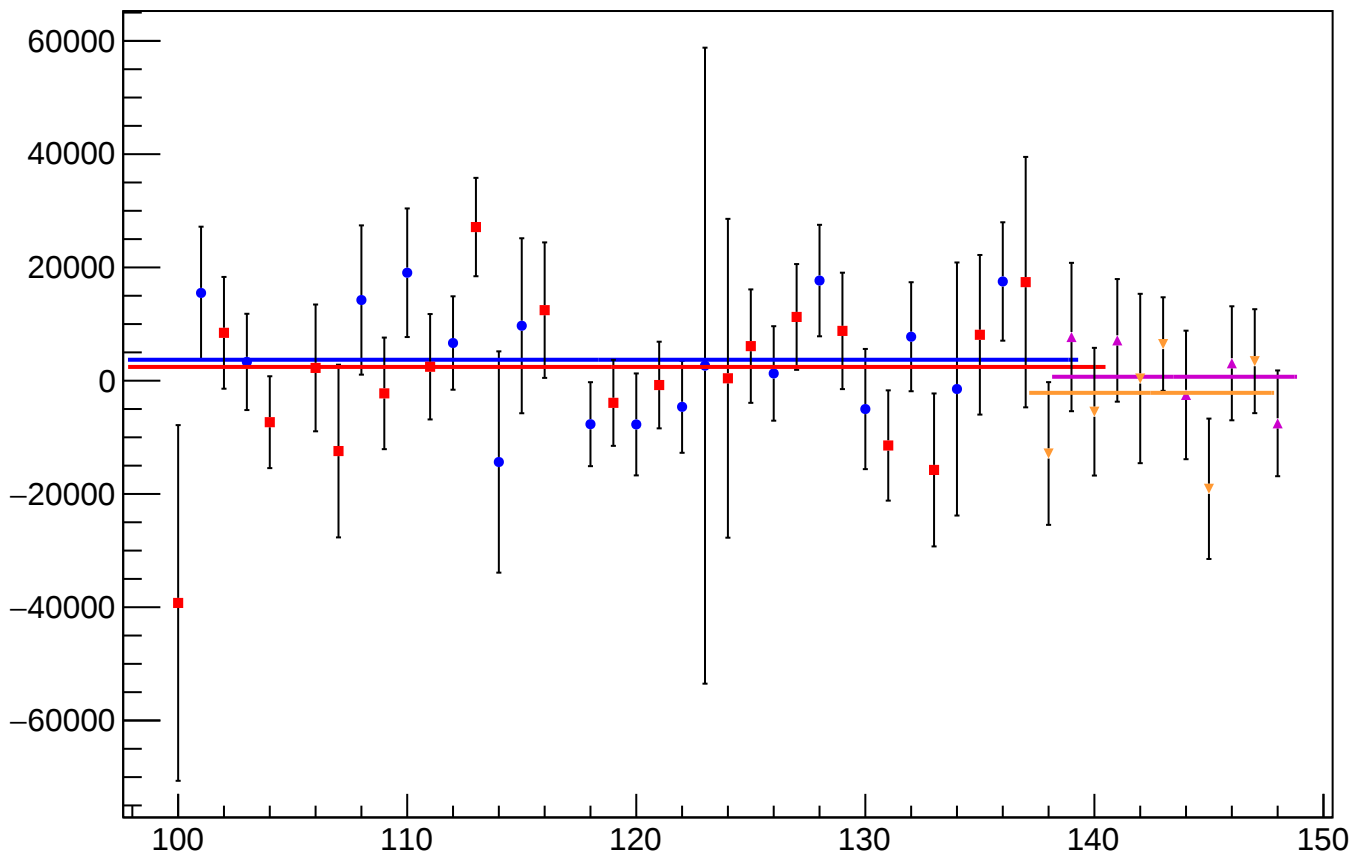
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 1894.813+/-0.757 χ^2/NDF : 15302674.2/21

Out: 965.465+/-0.413 χ^2/NDF : 17236648.7/24

All: 1178.747+/-0.363 χ^2/NDF : 33701356.9/4

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: -2145.317+/-4399.416 χ^2/NDF : 4.2/5

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 694.261+/-4796.861 χ^2/NDF : 1.6/4

Left: -848.020+/-3242.276 χ^2/NDF : 5.9/10

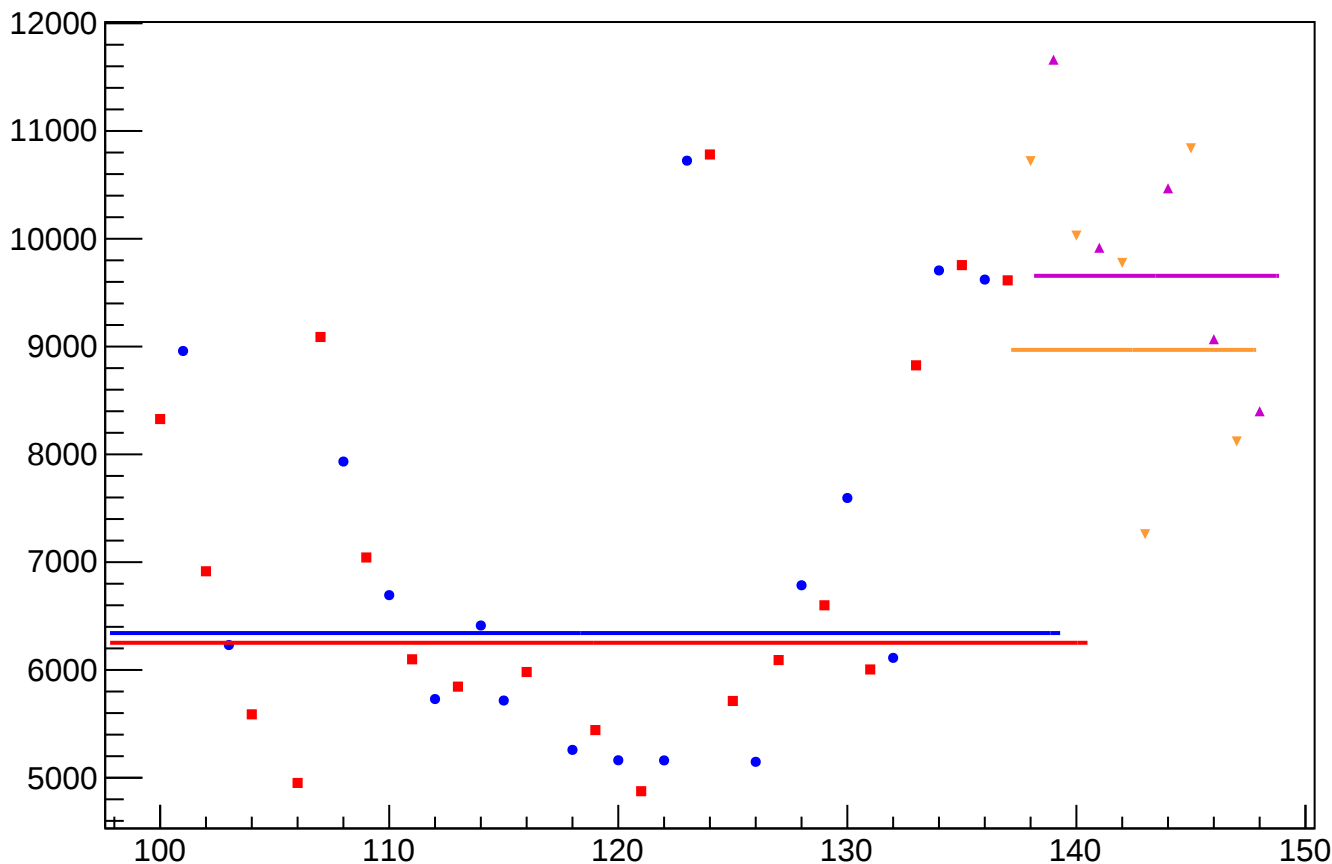
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3049.488+/-2229.464 χ^2/NDF : 16.3/21

Out: 1366.406+/-2121.331 χ^2/NDF : 25.3/24

All: 2166.142+/-1536.813 χ^2/NDF : 41.8/46

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 $\pm$ 1.780 χ^2/NDF : 593668.9/16

Left Out: 8969.362 $\pm$ 3.111 χ^2/NDF : 210431.0/5

Right Out: 6252.137 $\pm$ 1.712 χ^2/NDF : 538031.2/18

Left In: 9656.403 $\pm$ 3.392 χ^2/NDF : 101292.1/4

Left: 9283.246 $\pm$ 2.293 χ^2/NDF : 334007.0/10

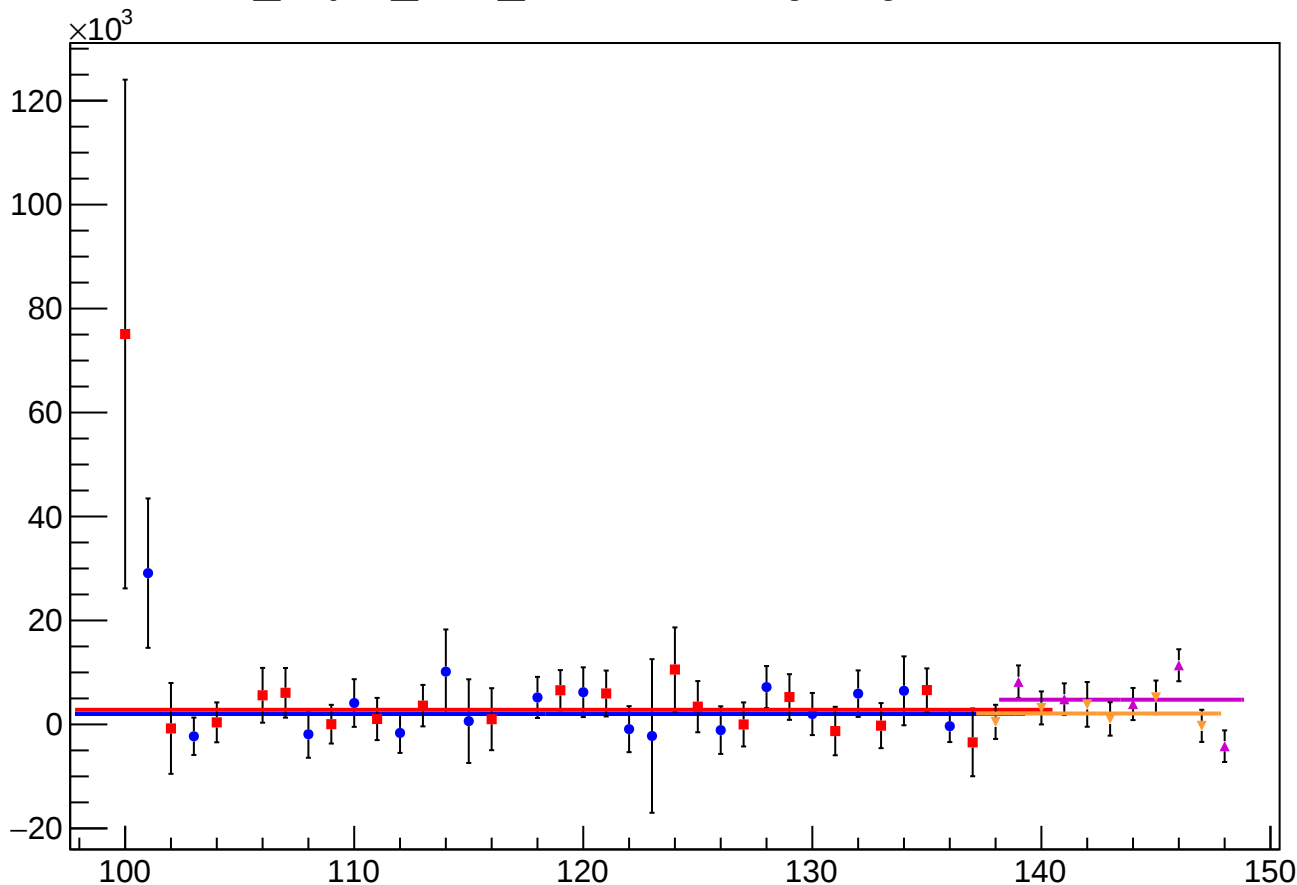
Right: 6295.468 $\pm$ 1.234 χ^2/NDF : 1133033.3/35

In: 7058.216 $\pm$ 1.576 χ^2/NDF : 1443386.7/21

Out: 6883.853 $\pm$ 1.500 χ^2/NDF : 1334030.6/24

All: 6966.701 $\pm$ 1.087 χ^2/NDF : 2783838.0/46

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2100.519+/-1357.093 χ^2/NDF : 2.1/5

Right Out: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

Left In: 4756.416+/-1379.110 χ^2/NDF : 14.5/4

Left: 3407.098+/-967.300 χ^2/NDF : 18.6/10

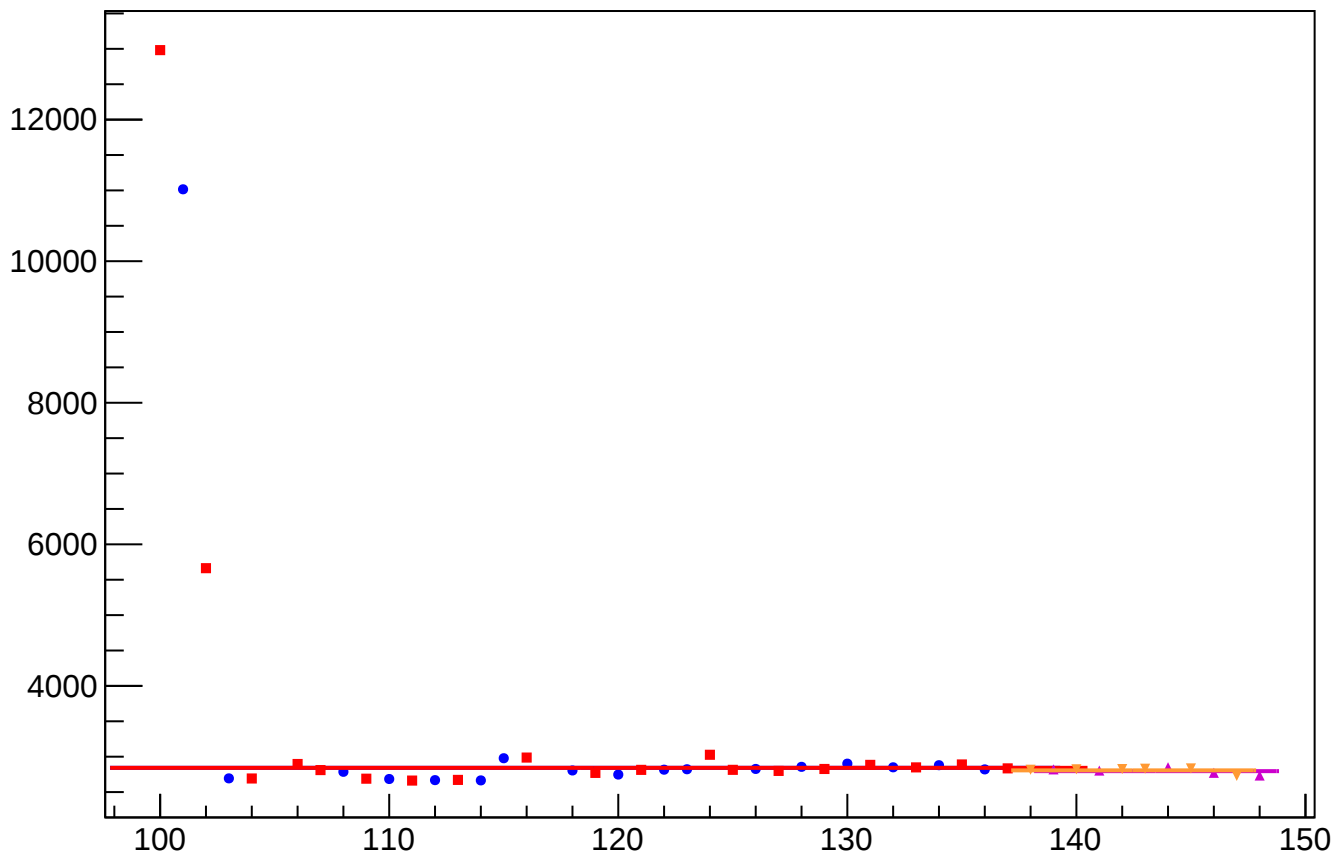
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 3104.608+/-871.944 χ^2/NDF : 30.6/21

Out: 2533.896+/-848.183 χ^2/NDF : 12.8/24

All: 2811.370+/-607.983 χ^2/NDF : 43.7/46

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2806.672+/-0.960 χ^2/NDF :1633.5/5

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

Left In: 2795.807+/-0.975 χ^2/NDF :1725.5/4

Left: 2801.327+/-0.684 χ^2/NDF : 3422.0/10

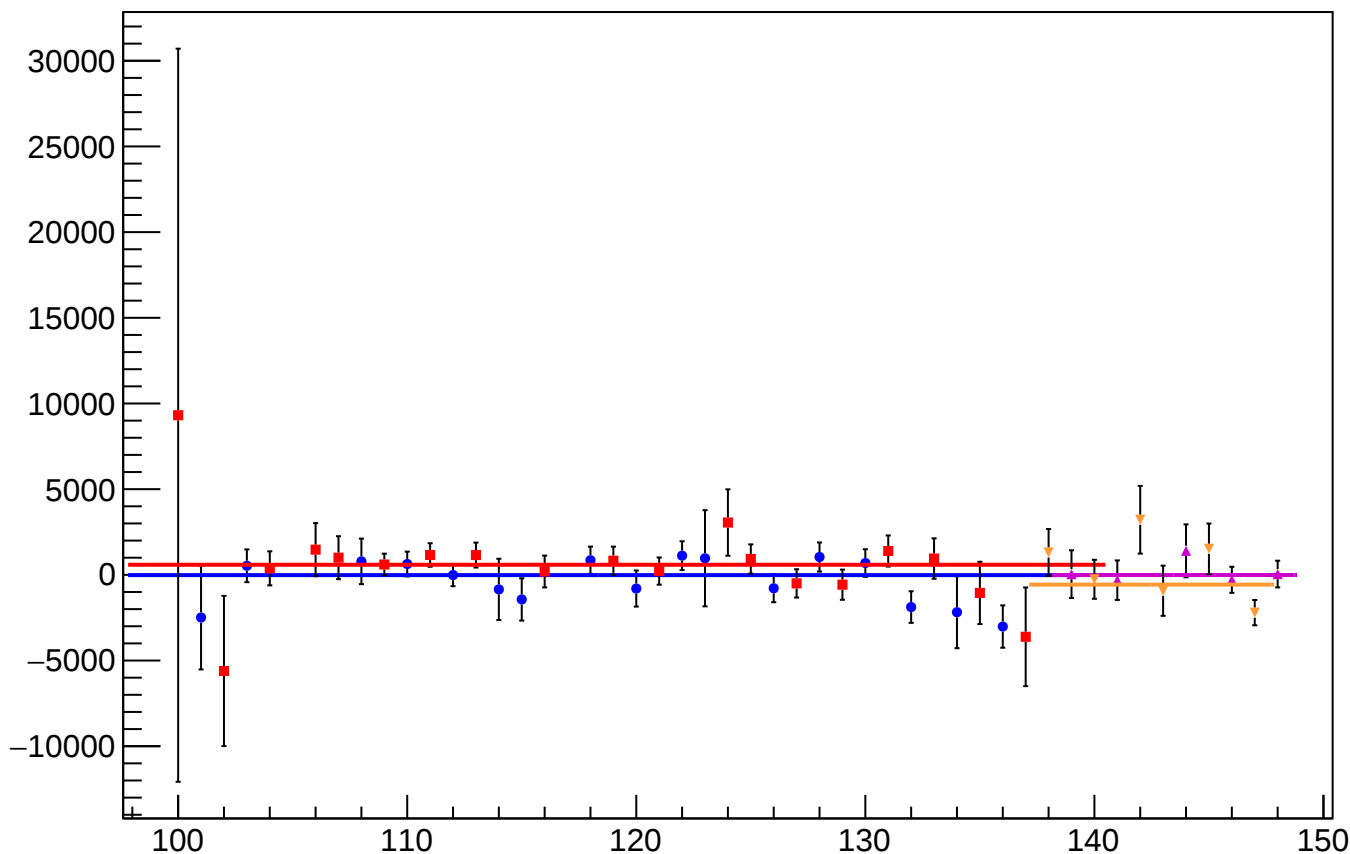
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2823.912+/-0.617 χ^2/NDF :663414.3/21

Out: 2828.469+/-0.600 χ^2/NDF :314815.7/24

All: 2826.253+/-0.430 χ^2/NDF : 978258.1/46

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: -568.713 ± 480.702 χ^2/NDF : 12.6/5

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: -9.670 ± 444.201 χ^2/NDF : 1.0/4

Left: -267.164 ± 326.240 χ^2/NDF : 14.4/10

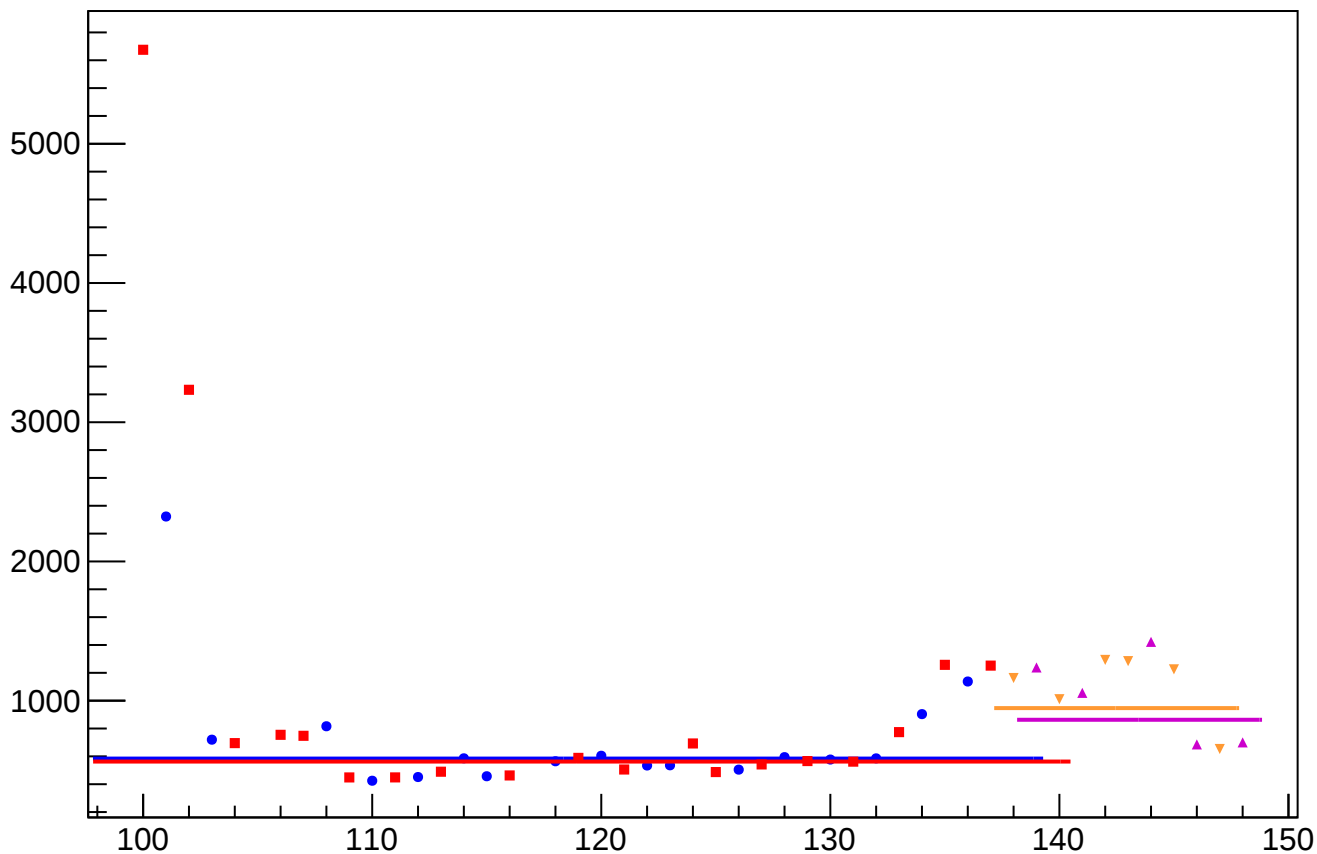
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: -14.294 ± 210.375 χ^2/NDF : 22.7/21

Out: 379.389 ± 204.375 χ^2/NDF : 30.9/24

All: 188.242 ± 146.590 χ^2/NDF : 55.3/46

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055 $\pm$ 0.169 χ^2/NDF : 1436613.4/16

Left Out: 946.657 $\pm$ 0.340 χ^2/NDF : 611966.1/5

Right Out: 562.692 $\pm$ 0.160 χ^2/NDF : 1639562.8/18

Left In: 862.804 $\pm$ 0.314 χ^2/NDF : 660360.4/4

Left: 901.427 $\pm$ 0.231 χ^2/NDF : 1305153.4/10

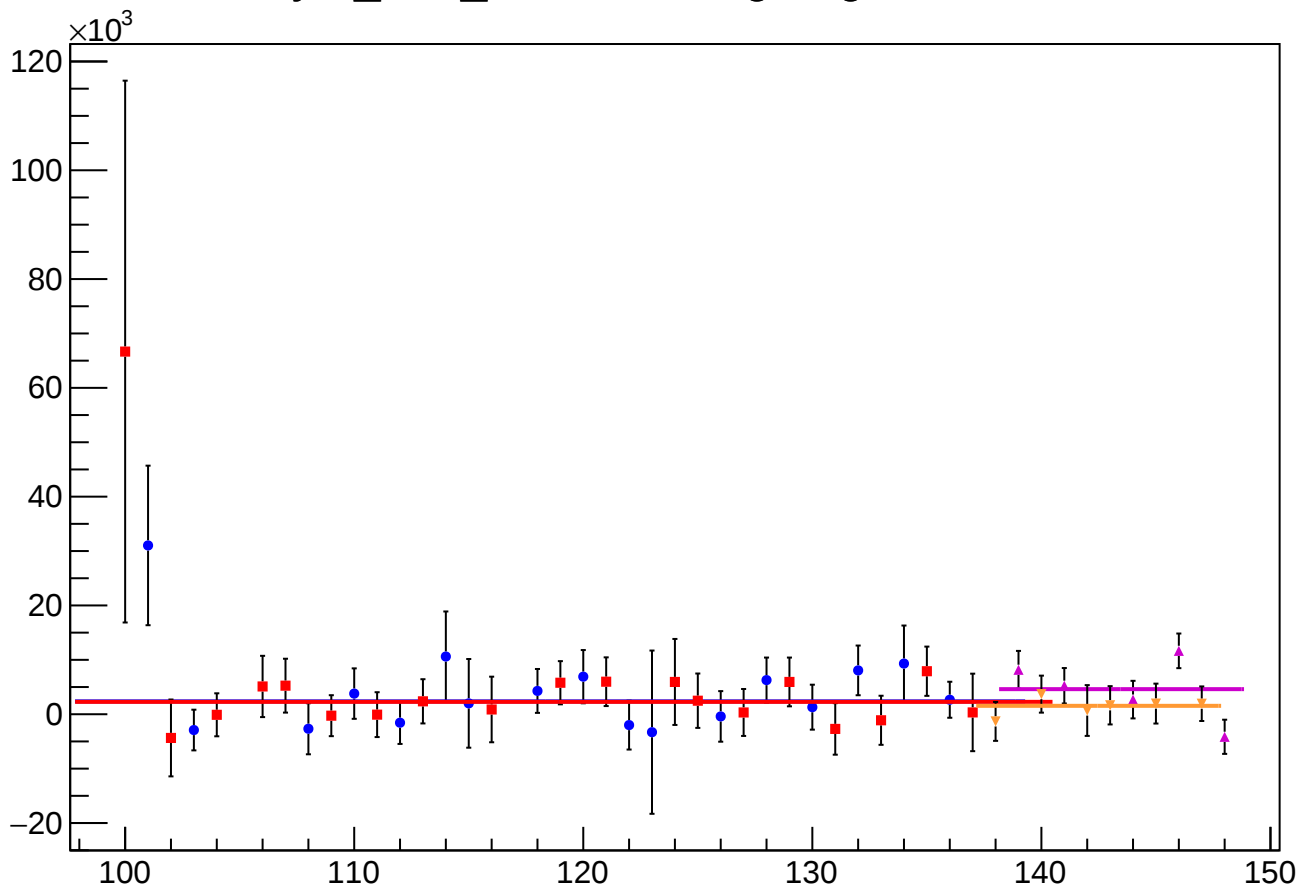
Right: 572.773 $\pm$ 0.116 χ^2/NDF : 3084624.9/35

In: 646.578 $\pm$ 0.149 χ^2/NDF : 2707902.7/21

Out: 632.097 $\pm$ 0.145 χ^2/NDF : 3296907.5/24

All: 639.128 $\pm$ 0.104 χ^2/NDF : 6009685.7/46

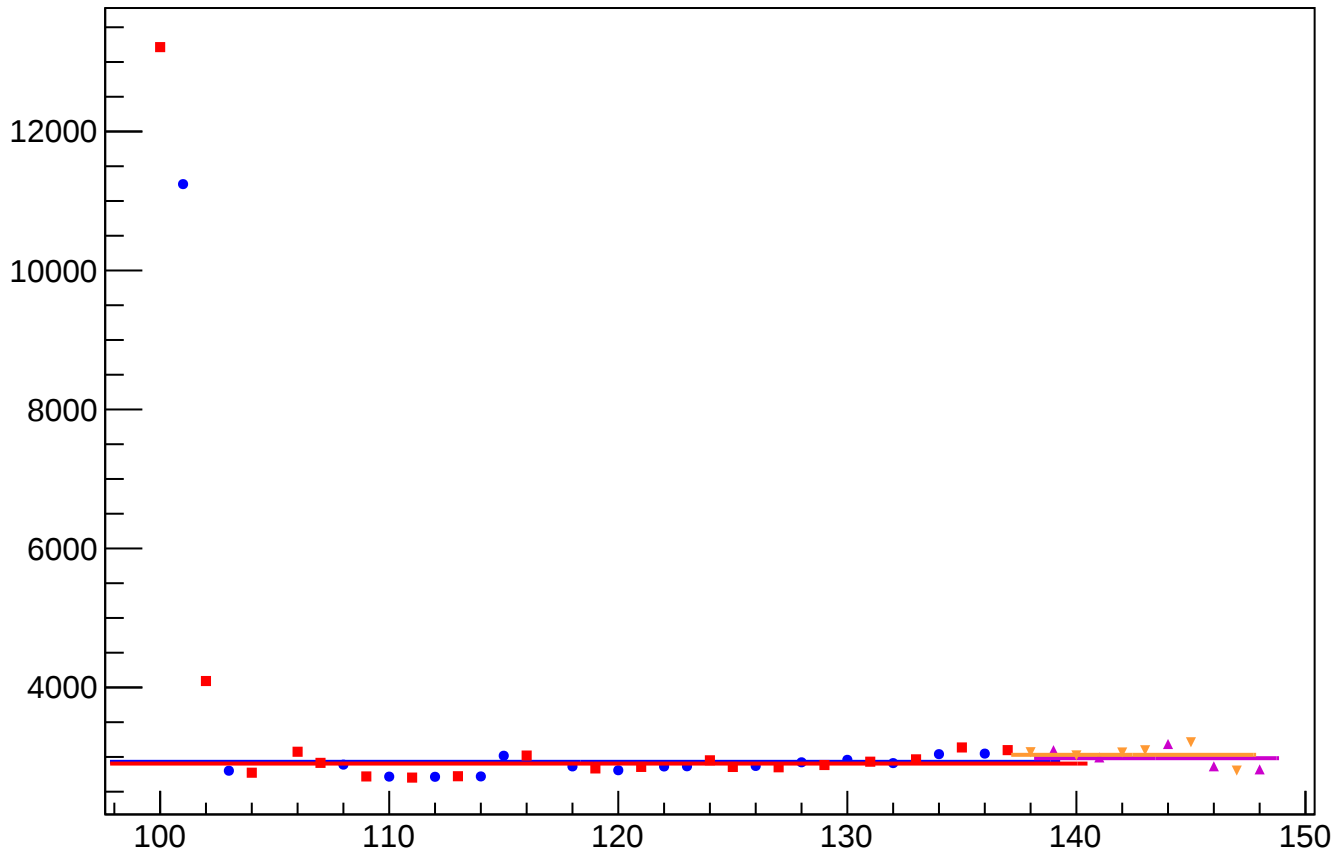
asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16
 Left Out: 1545.056 $\pm$ 1467.205 χ^2 /NDF:1.1/5
 Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18
 Left In: 4612.264 $\pm$ 1472.483 χ^2 /NDF:14.1/4

Left: 3073.153 $\pm$ 1039.332 χ^2 /NDF: 17.4/10
 Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35
 In: 3224.171 $\pm$ 911.184 χ^2 /NDF:30.6/21
 Out: 2010.381 $\pm$ 886.053 χ^2 /NDF:11.5/24
 All: 2600.307 $\pm$ 635.233 χ^2 /NDF: 43.0/46

asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 3030.630+/-1.037 χ^2/NDF : 16069.1/5

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2981.999+/-1.041 χ^2/NDF : 17153.0/4

Left: 3006.402+/-0.735 χ^2/NDF : 34316.7/10

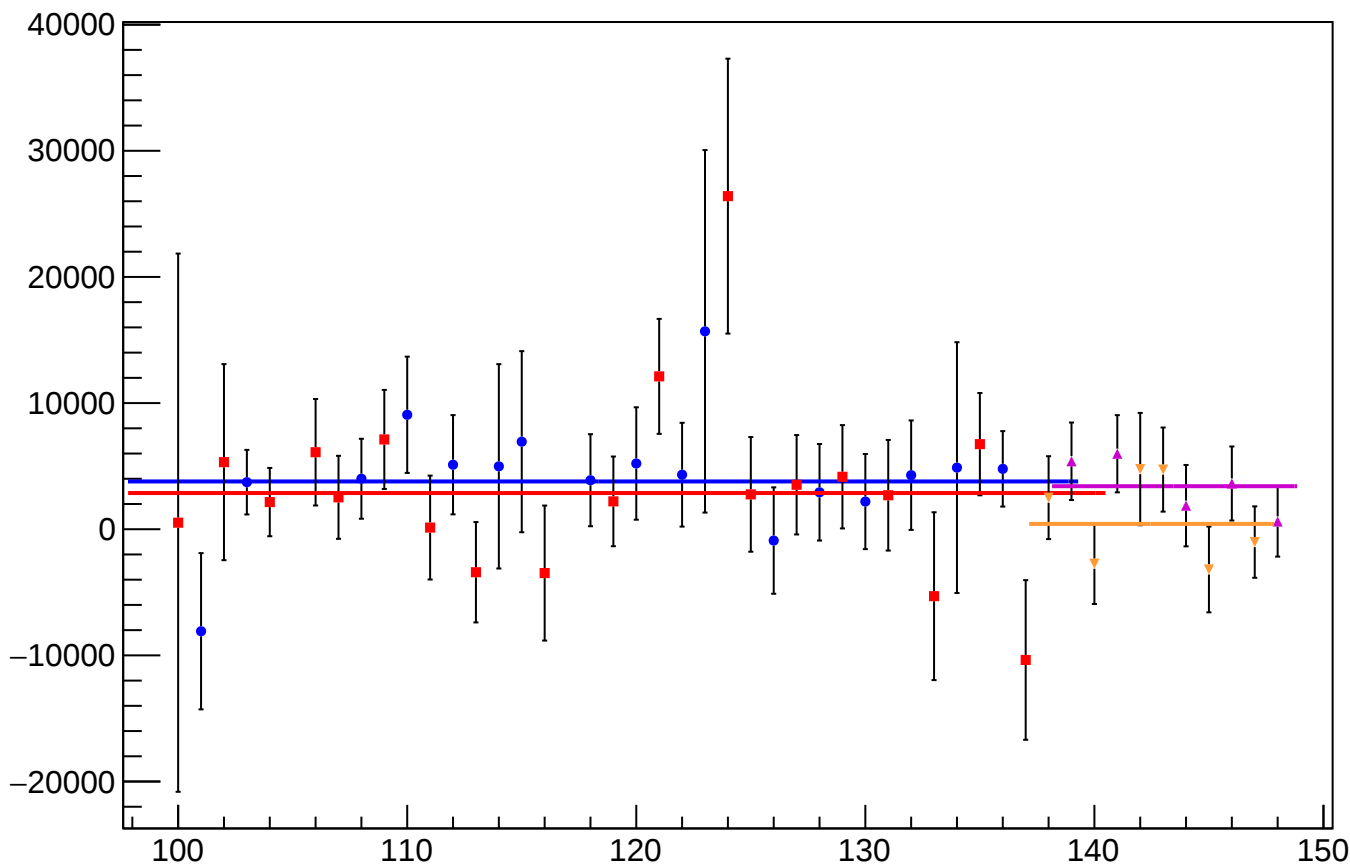
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2949.698+/-0.644 χ^2/NDF : 681341.7/21

Out: 2950.544+/-0.627 χ^2/NDF : 194737.2/24

All: 2950.133+/-0.449 χ^2/NDF : 876079.8/46

dit_asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: 422.288+/-1358.438 χ^2/NDF : 5.4/5

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3410.489+/-1343.474 χ^2/NDF : 2.4/4

Left: 1932.937+/-955.226 χ^2/NDF : 10.2/10

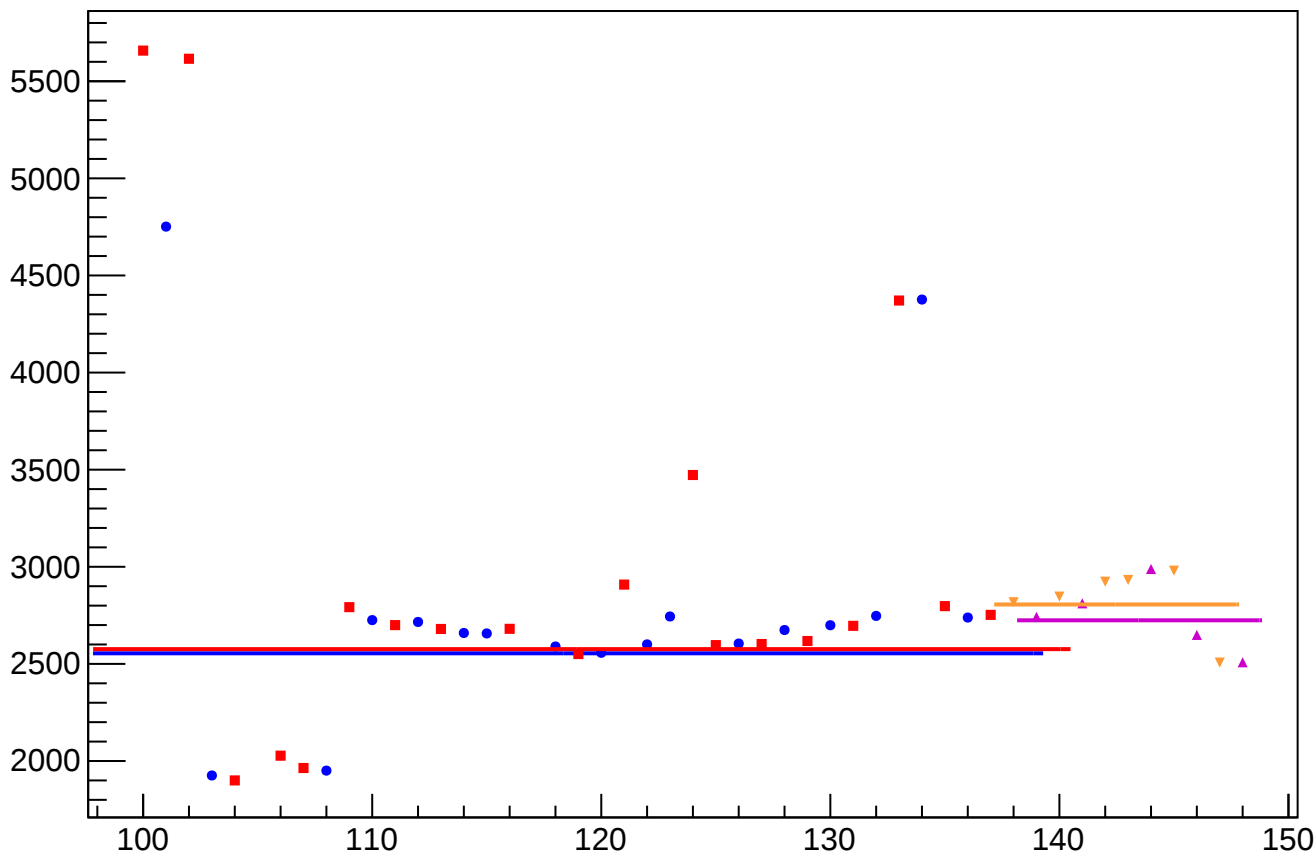
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3651.905+/-806.347 χ^2/NDF : 10.1/21

Out: 2006.109+/-806.873 χ^2/NDF : 29.5/24

All: 2829.543+/-570.359 χ^2/NDF : 41.7/46

dit_asym_atr2_rms vs Slug, Sign Corrected



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

Left Out: 2805.981 $\pm$ 0.961 χ^2/NDF : 32140.2/5

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

Left In: 2724.425 $\pm$ 0.950 χ^2/NDF : 28488.5/4

Left: 2764.751 $\pm$ 0.675 χ^2/NDF : 64273.1/10

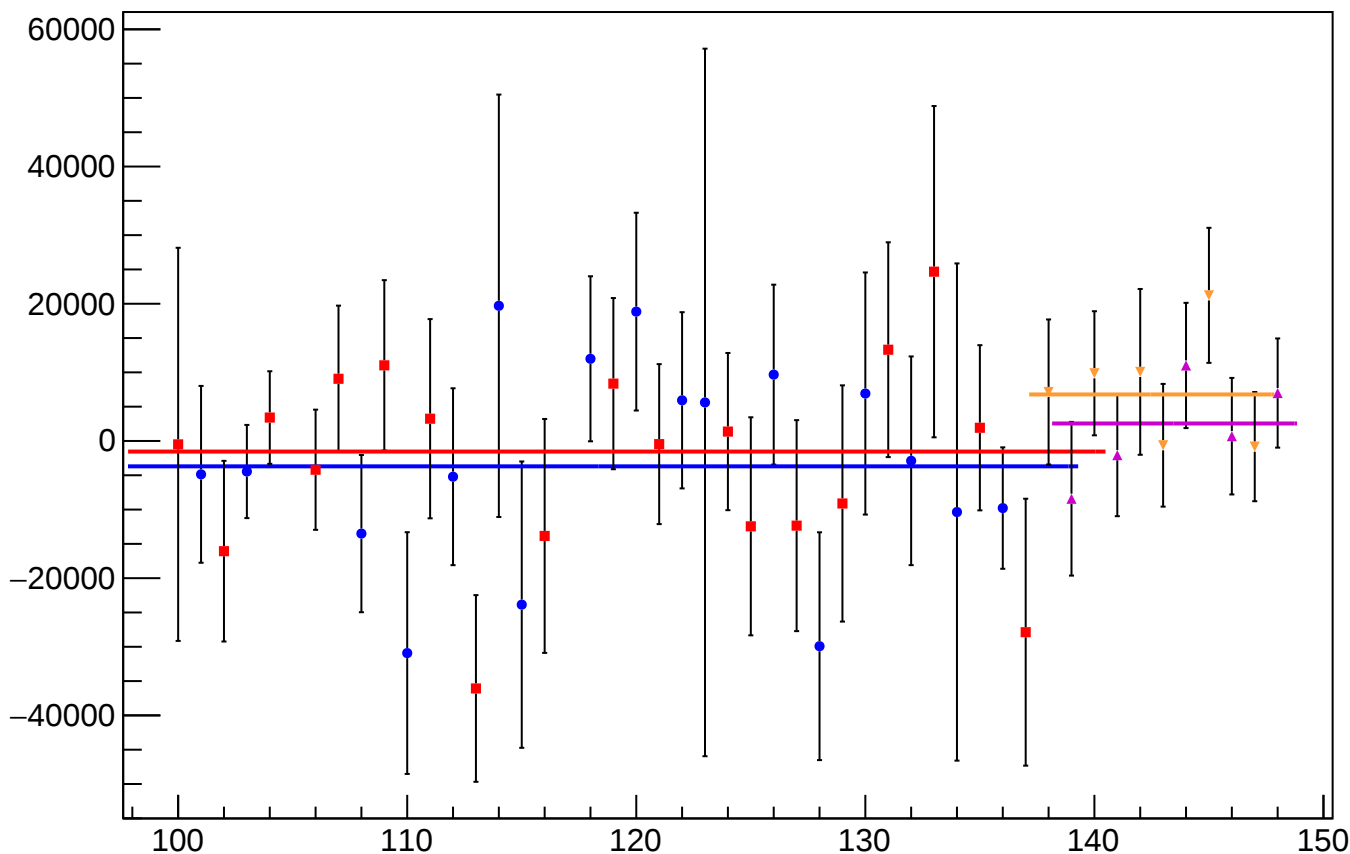
Right: 2565.366 $\pm$ 0.503 χ^2/NDF : 1302241.7/35

In: 2615.736 $\pm$ 0.570 χ^2/NDF : 585575.1/21

Out: 2657.145 $\pm$ 0.570 χ^2/NDF : 834382.3/24

All: 2636.433 $\pm$ 0.403 χ^2/NDF : 1422593.5/46

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 6779.943+/-3873.658 χ^2/NDF : 3.9/5

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 2549.184+/-4007.969 χ^2/NDF : 2.4/4

Left: 4736.640+/-2785.362 χ^2/NDF : 7.0/10

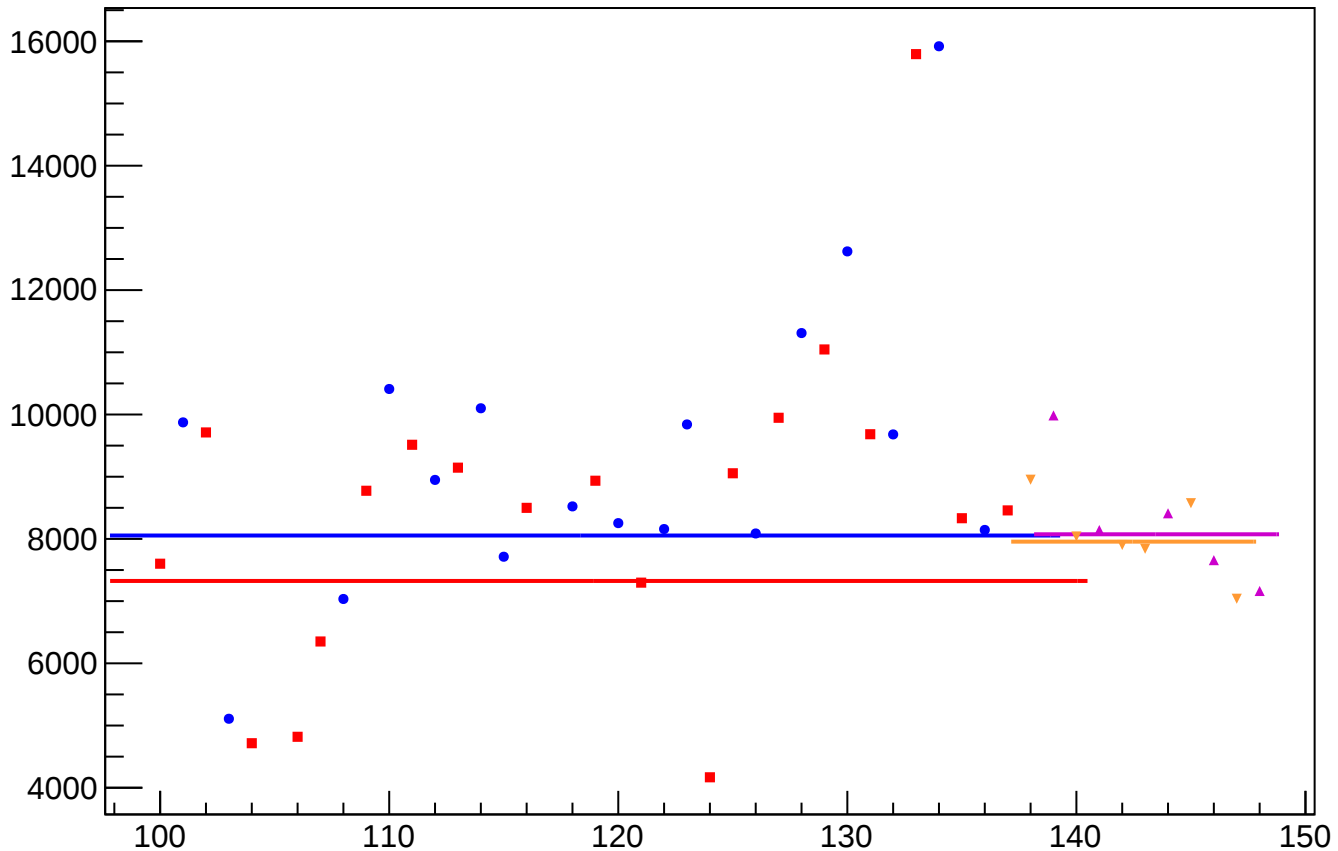
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -1250.377+/-2509.208 χ^2/NDF : 17.7/21

Out: 1440.978+/-2319.889 χ^2/NDF : 23.7/24

All: 200.650+/-1703.411 χ^2/NDF : 42.0/46

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2/NDF : 820763.4/16

Left Out: 7956.380 $\pm$ 2.739 χ^2/NDF : 52768.2/5

Right Out: 7324.291 $\pm$ 2.048 χ^2/NDF : 1336145.7/18

Left In: 8074.517 $\pm$ 2.834 χ^2/NDF : 92089.1/4

Left: 8013.436 $\pm$ 1.970 χ^2/NDF : 145755.7/10

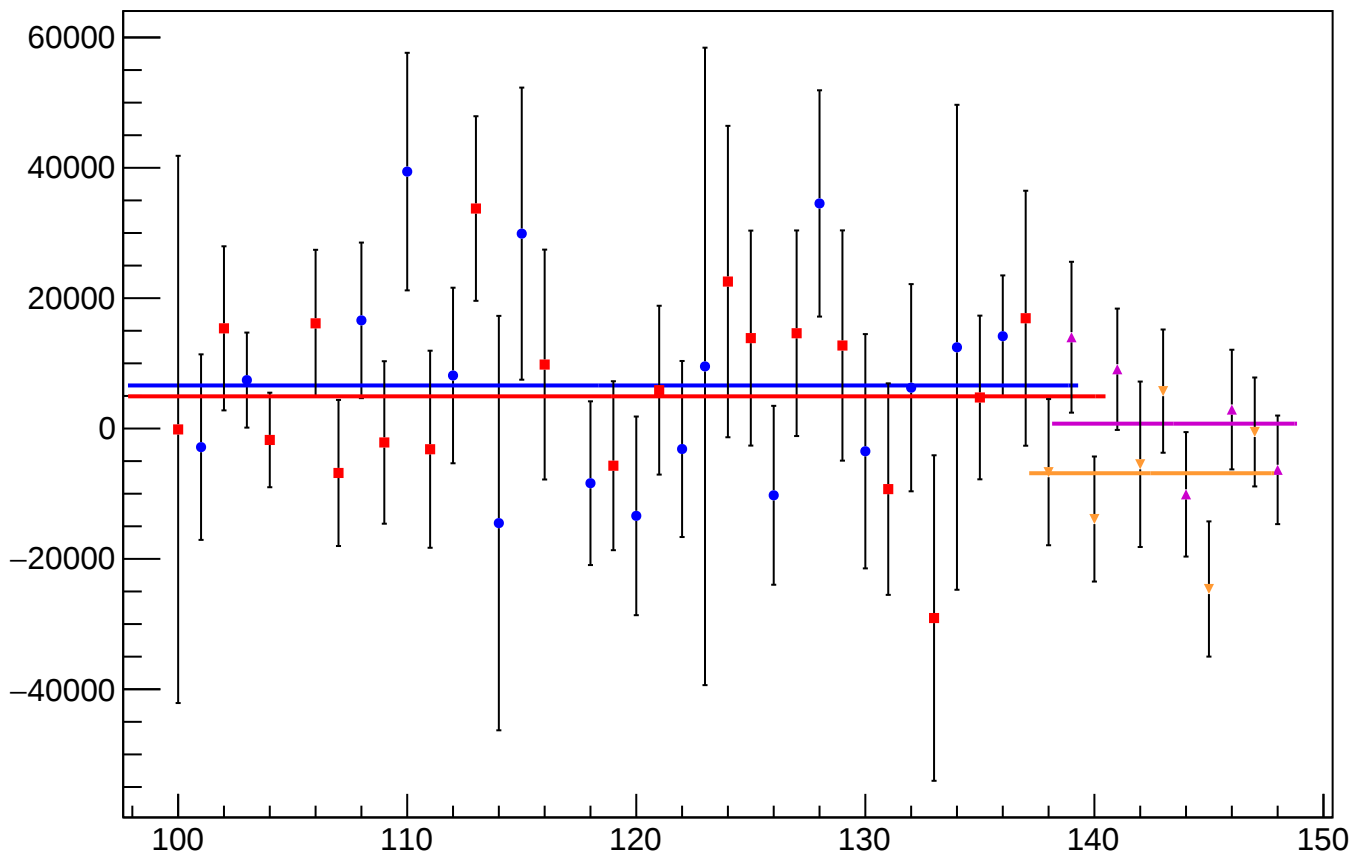
Right: 7651.290 $\pm$ 1.522 χ^2/NDF : 2213838.0/35

In: 8062.511 $\pm$ 1.774 χ^2/NDF : 912882.0/21

Out: 7551.001 $\pm$ 1.640 χ^2/NDF : 1423066.7/24

All: 7786.734 $\pm$ 1.204 χ^2/NDF : 2380758.1/46

asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: -6857.823+/-4088.382 χ^2/NDF : 5.8/5

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 746.100+/-4215.923 χ^2/NDF : 4.2/4

Left: -3172.618+/-2934.977 χ^2/NDF : 11.7/10

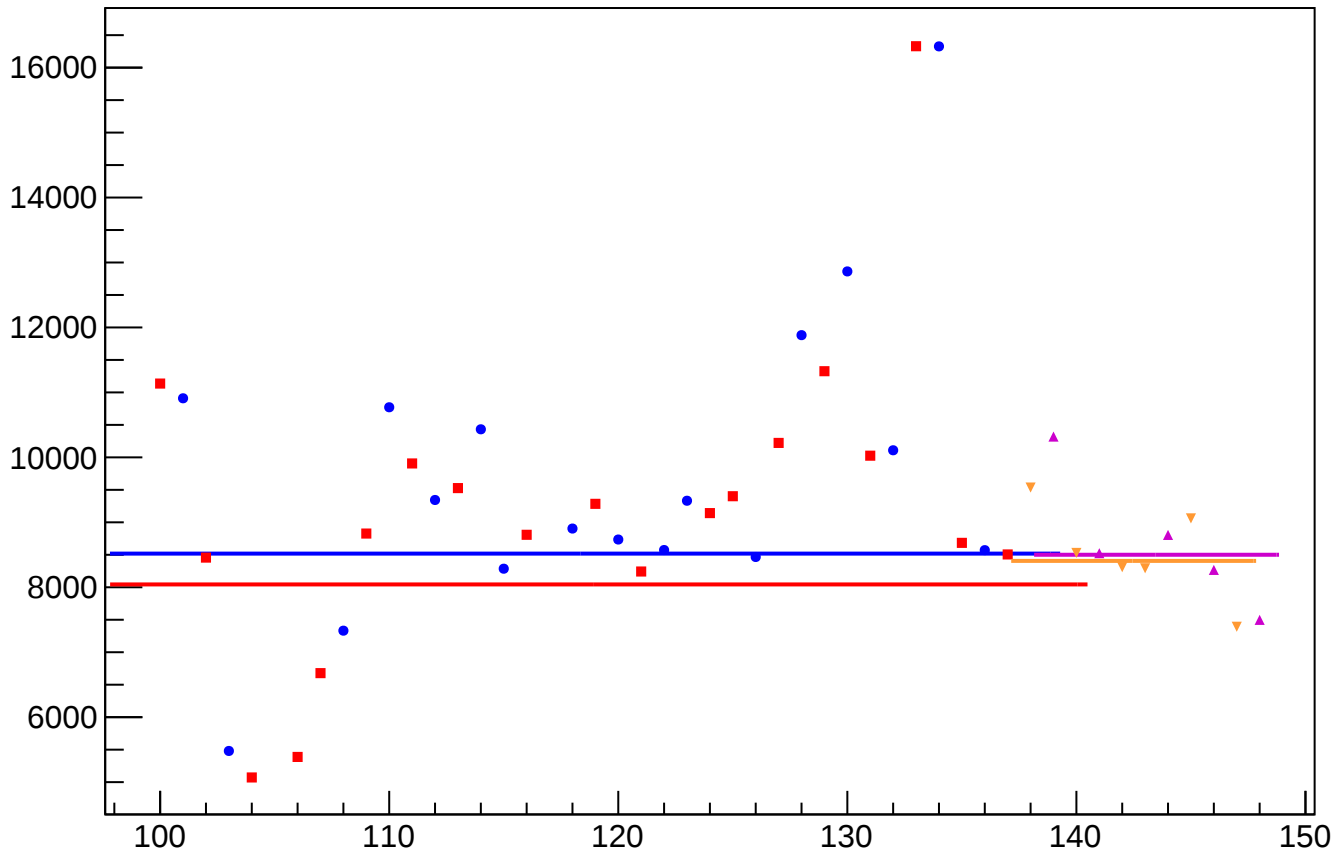
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 4300.930+/-2644.635 χ^2/NDF : 20.1/21

Out: 513.344+/-2504.087 χ^2/NDF : 24.6/24

All: 2303.822+/-1818.314 χ^2/NDF : 45.7/46

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2 /NDF: 771995.0/16

Left Out: 8406.099+/-2.891 χ^2 /NDF: 58421.5/5

Right Out: 8043.754+/-2.240 χ^2 /NDF: 953572.9/18

Left In: 8500.510+/-2.981 χ^2 /NDF: 81735.3/4

Left: 8451.854+/-2.075 χ^2 /NDF: 140673.7/10

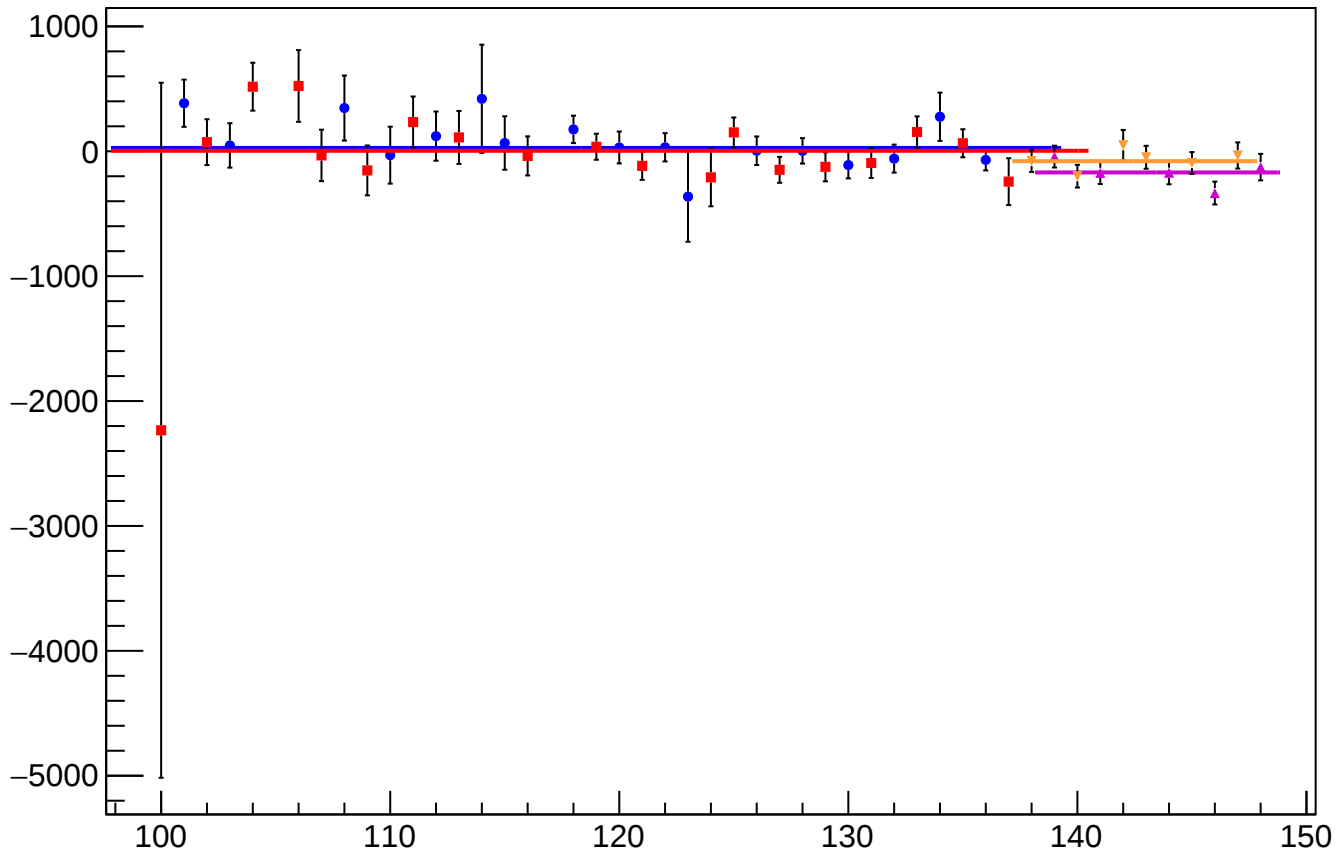
Right: 8264.537+/-1.638 χ^2 /NDF: 1746449.5/35

In: 8511.283+/-1.870 χ^2 /NDF: 853751.9/21

Out: 8179.678+/-1.771 χ^2 /NDF: 1021811.1/24

All: 8336.432+/-1.286 χ^2 /NDF: 1892143.1/46

dit_asym_sam1_mean vs Slug, Sign Corrected



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

Left Out: -79.251 $\pm$ 38.919 χ^2/NDF :3.2/5

Right Out: 4.007 $\pm$ 33.839 χ^2/NDF : 24.6/18

Left In: -169.475 $\pm$ 41.451 χ^2/NDF :5.5/4

Left: -121.523 $\pm$ 28.373 χ^2/NDF : 11.2/10

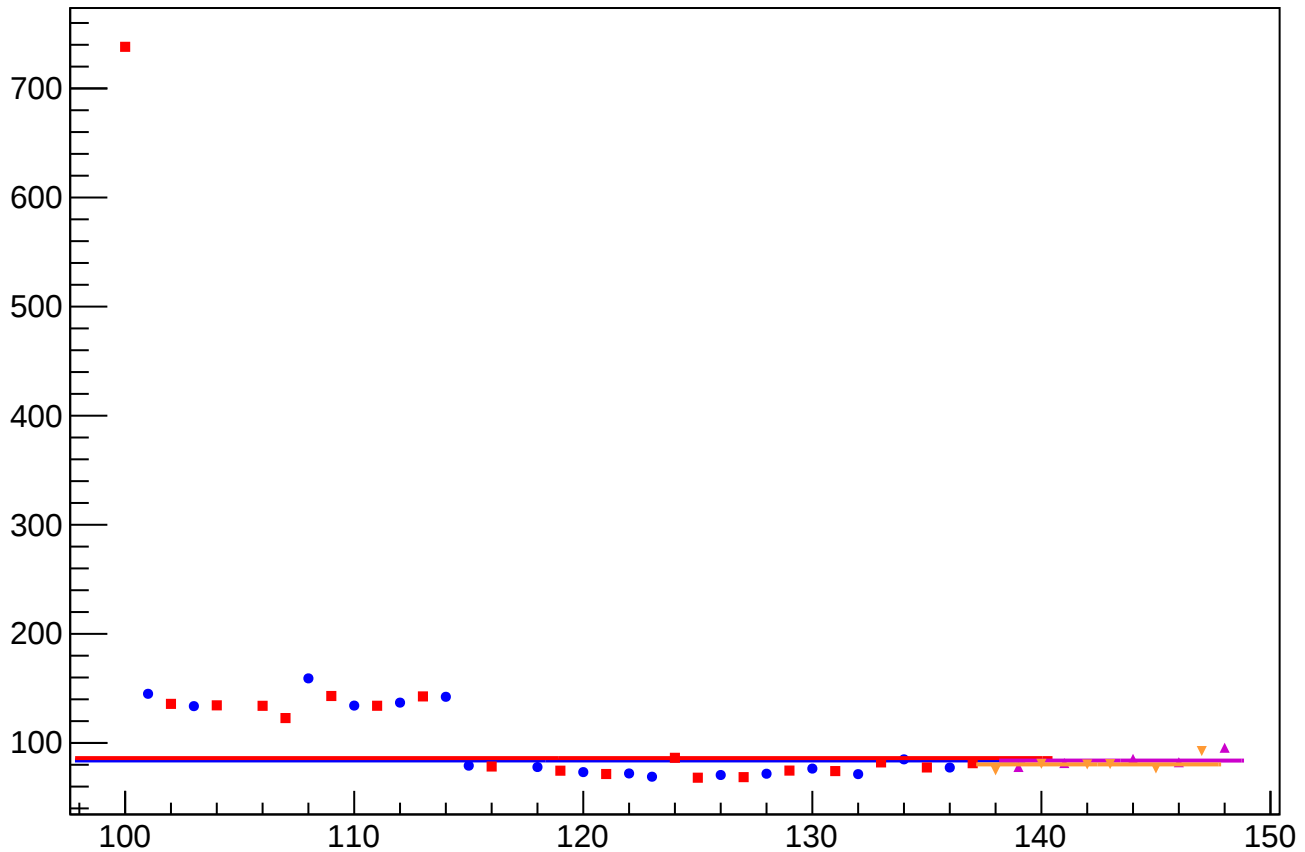
Right: 15.432 $\pm$ 23.852 χ^2/NDF : 39.3/35

In: -51.153 $\pm$ 26.114 χ^2/NDF :33.6/21

Out: -31.838 $\pm$ 25.536 χ^2/NDF :30.4/24

All: -41.279 $\pm$ 18.258 χ^2/NDF : 64.2/46

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 80.342 $\pm$ 0.028 χ^2 /NDF: 38808.3/5

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.842 $\pm$ 0.029 χ^2 /NDF: 35961.4/4

Left: 81.982 $\pm$ 0.020 χ^2 /NDF: 82348.2/10

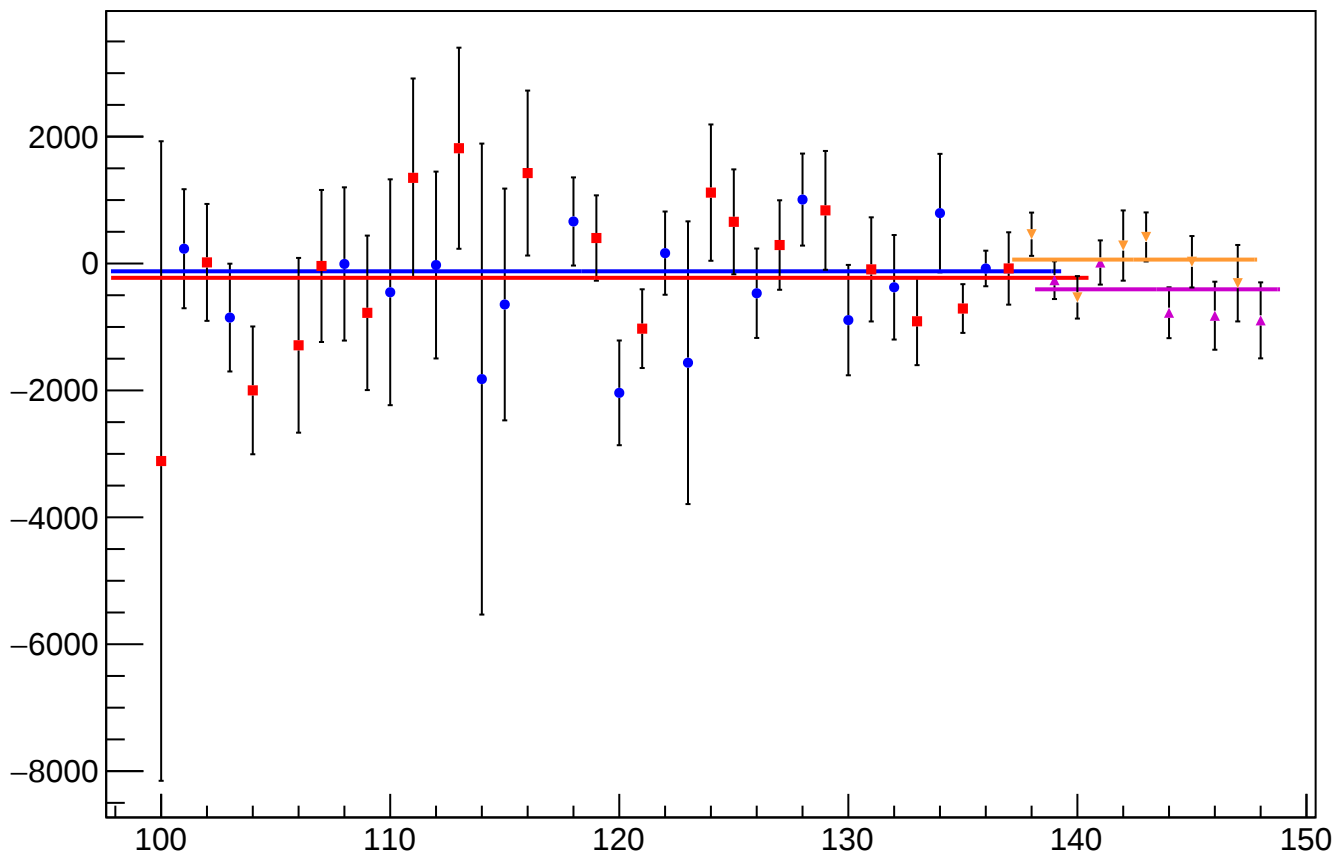
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.914 $\pm$ 0.018 χ^2 /NDF: 996224.8/21

Out: 83.626 $\pm$ 0.018 χ^2 /NDF: 1200038.6/24

All: 83.767 $\pm$ 0.013 χ^2 /NDF: 2196387.5/46

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 61.939+/-165.898 χ^2/NDF : 5.9/5

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -406.555+/-176.694 χ^2/NDF : 3.8/4

Left: -157.558+/-120.944 χ^2/NDF : 13.5/10

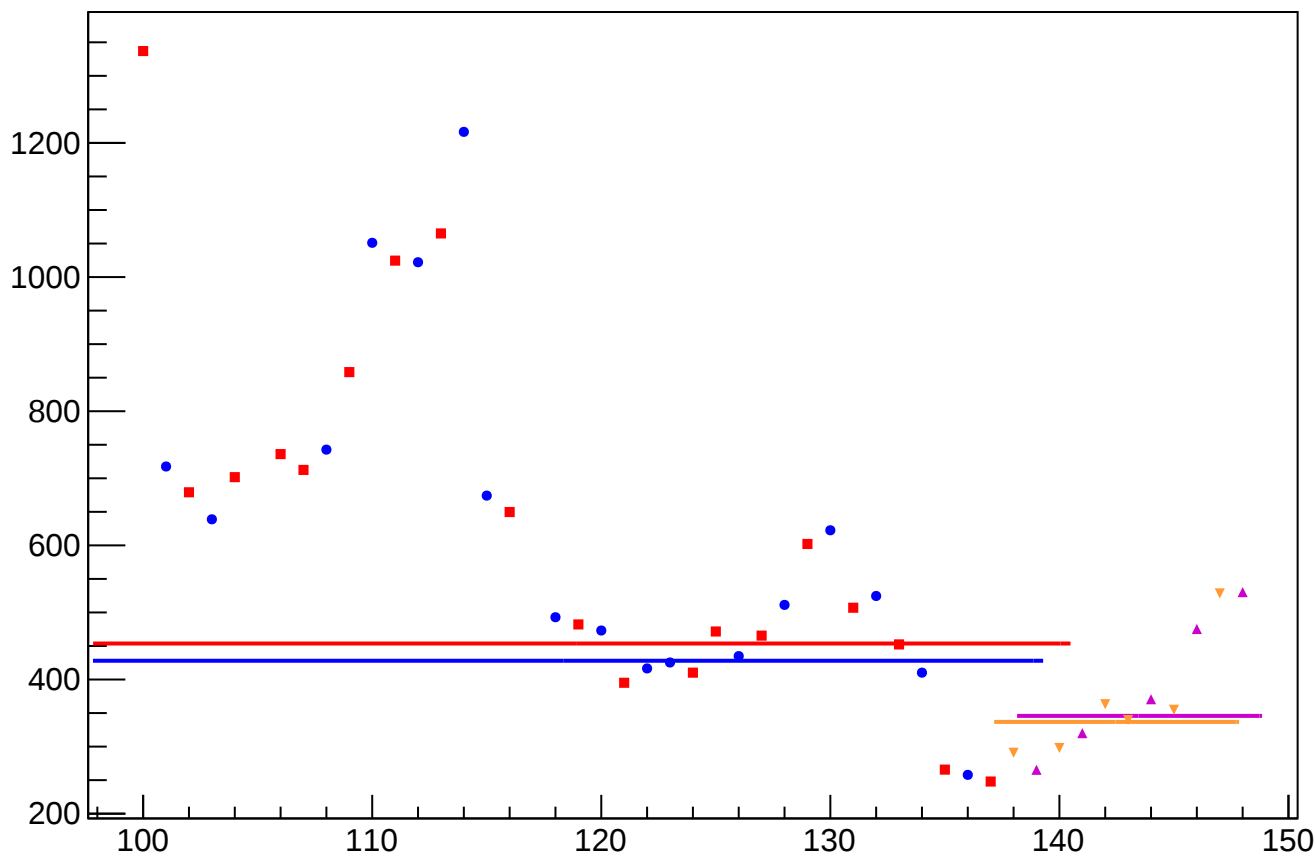
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -266.790+/-125.952 χ^2/NDF : 18.1/21

Out: -66.164+/-123.503 χ^2/NDF : 25.6/24

All: -164.507+/-88.183 χ^2/NDF : 45.0/46

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2/NDF : 2062245.9/16

Left Out: 336.829 $\pm$ 0.117 χ^2/NDF : 274338.6/5

Right Out: 453.699 $\pm$ 0.131 χ^2/NDF : 2134547.2/18

Left In: 345.795 $\pm$ 0.125 χ^2/NDF : 471003.1/4

Left: 341.030 $\pm$ 0.086 χ^2/NDF : 748078.5/10

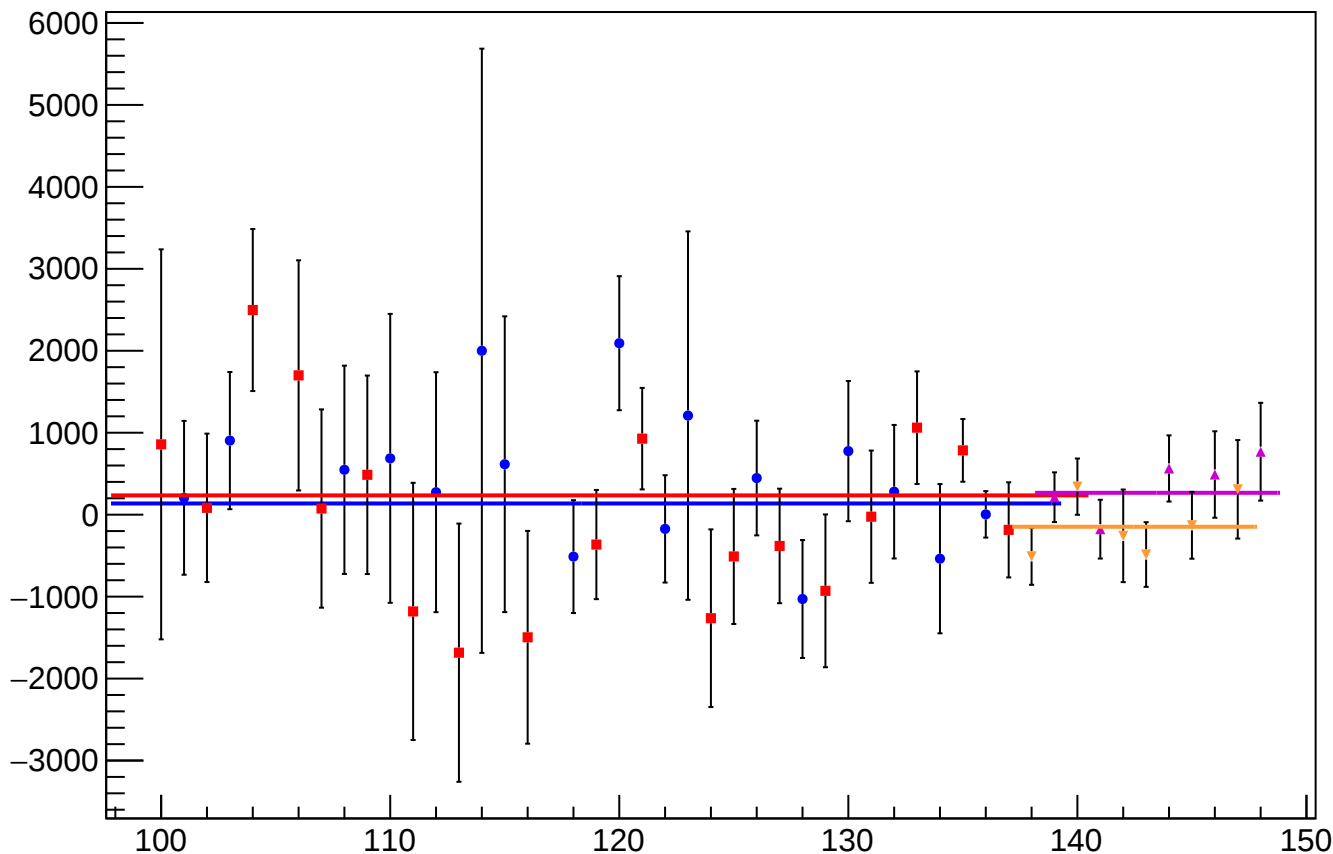
Right: 440.462 $\pm$ 0.091 χ^2/NDF : 4216688.0/35

In: 386.223 $\pm$ 0.089 χ^2/NDF : 2746107.4/21

Out: 388.929 $\pm$ 0.087 χ^2/NDF : 2851360.6/24

All: 387.602 $\pm$ 0.062 χ^2/NDF : 5597938.6/46

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810+/-179.609 χ^2/NDF : 12.6/16

Left Out: -147.359+/-168.717 χ^2/NDF : 4.5/5

Right Out: 235.334+/-184.025 χ^2/NDF : 21.8/18

Left In: 266.846+/-179.134 χ^2/NDF : 3.0/4

Left: 47.351+/-122.819 χ^2/NDF : 10.3/10

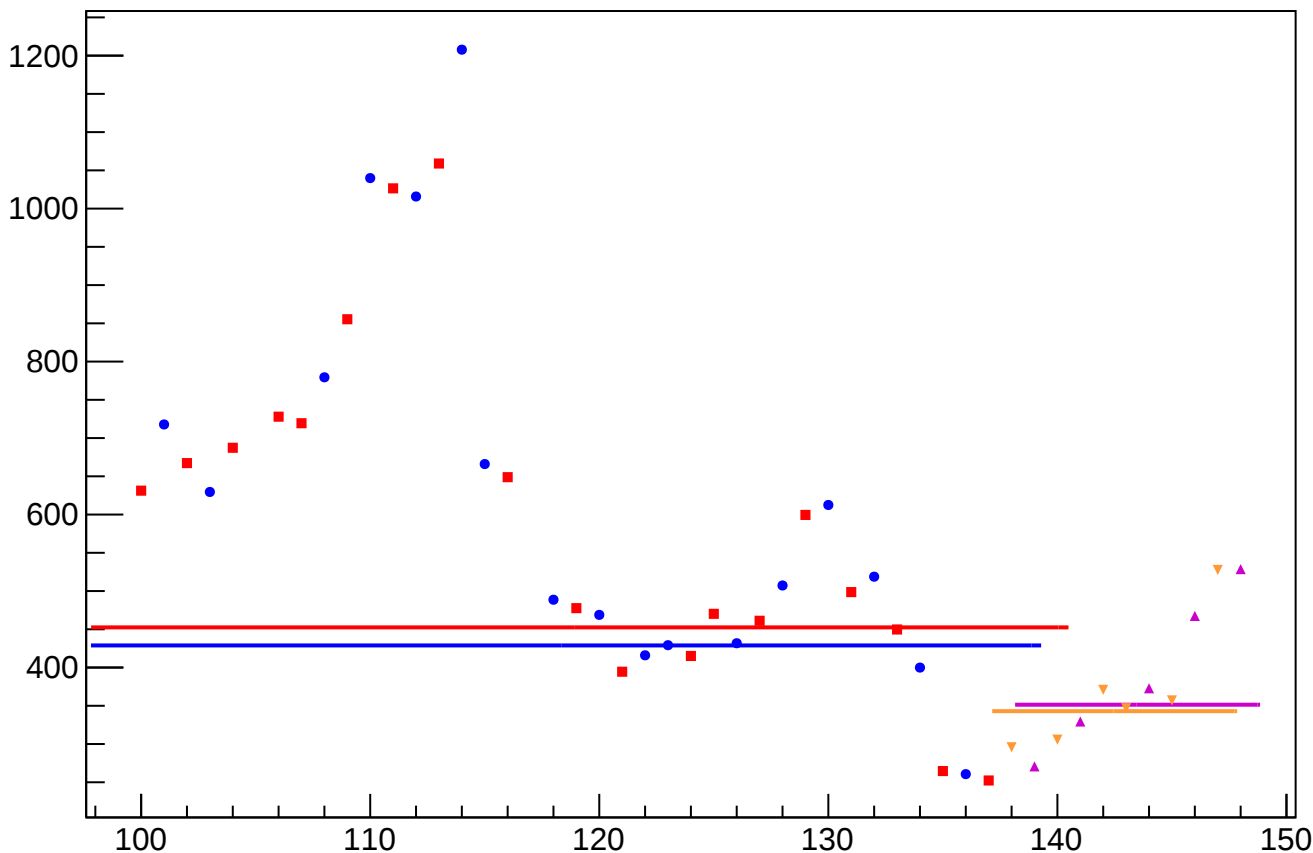
Right: 184.875+/-128.536 χ^2/NDF : 34.6/35

In: 202.000+/-126.834 χ^2/NDF : 15.9/21

Out: 27.411+/-124.362 χ^2/NDF : 28.6/24

All: 112.987+/-88.798 χ^2/NDF : 45.5/46

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 342.966+/-0.119 χ^2/NDF : 256753.3/5

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 351.400+/-0.127 χ^2/NDF : 427650.9/4

Left: 346.931+/-0.087 χ^2/NDF : 686753.4/10

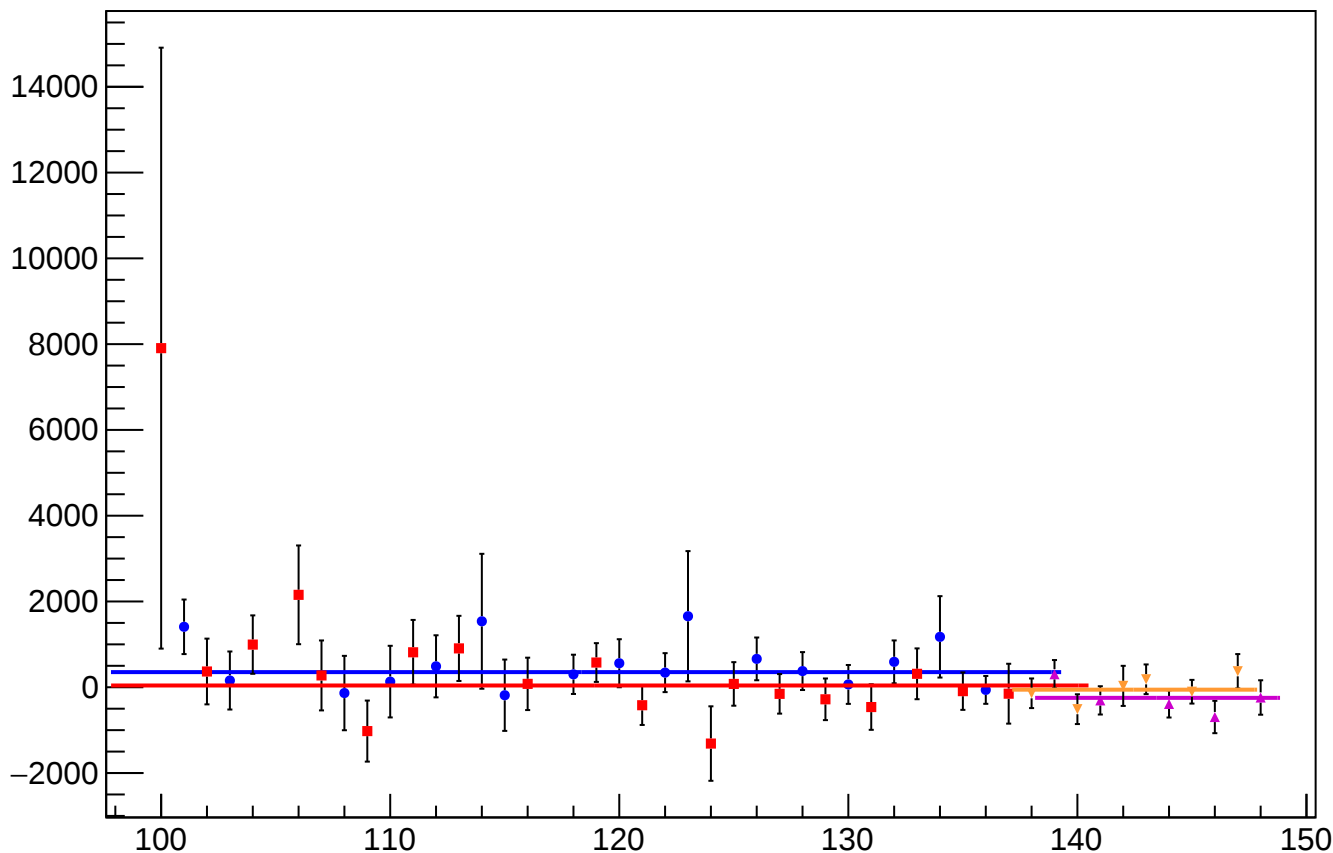
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 390.042+/-0.090 χ^2/NDF : 2624872.2/21

Out: 392.982+/-0.088 χ^2/NDF : 2683725.4/24

All: 391.541+/-0.063 χ^2/NDF : 5309145.6/46

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -56.488 ± 142.943 χ^2/NDF : 3.5/5

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -247.351 ± 155.196 χ^2/NDF : 4.4/4

Left: -144.089 ± 105.141 χ^2/NDF : 8.7/10

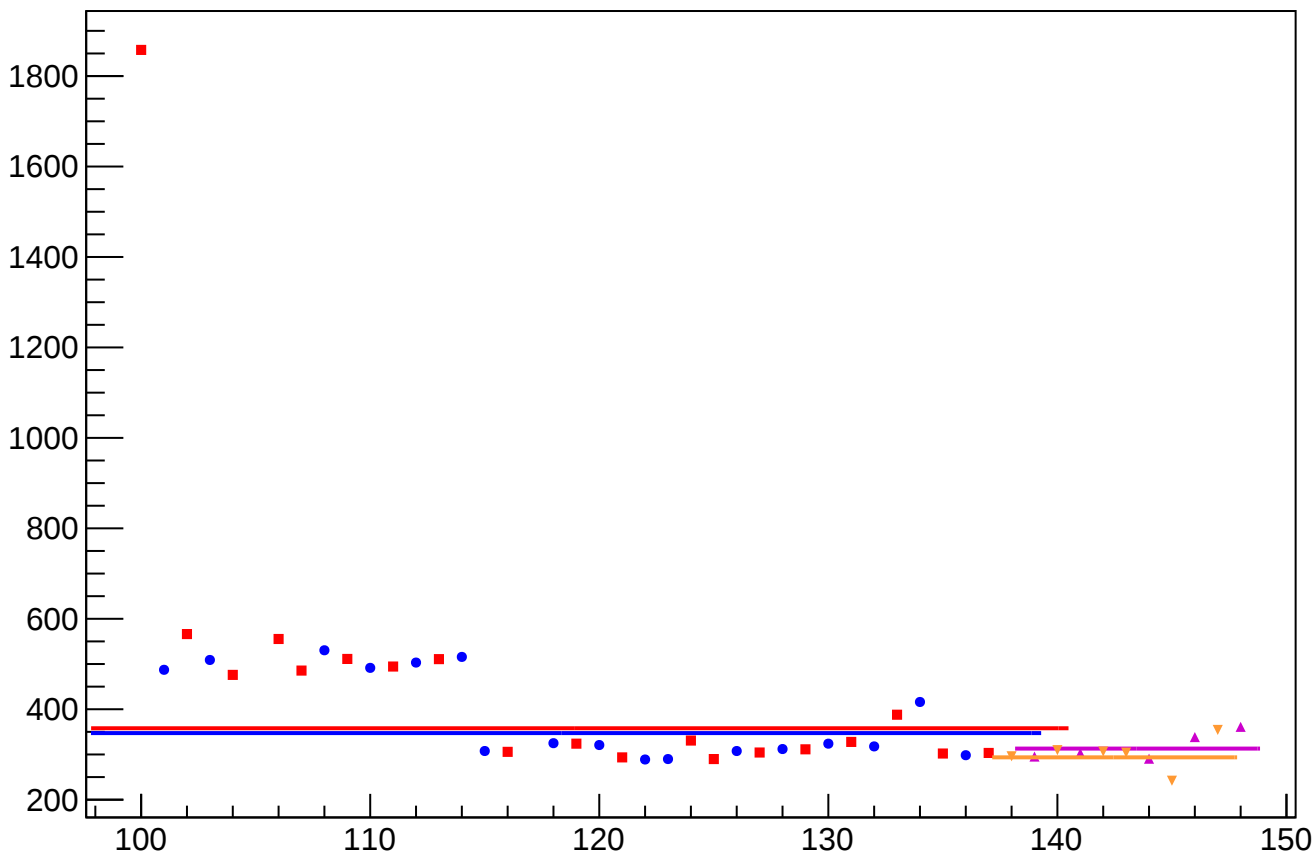
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: 89.382 ± 102.833 χ^2/NDF : 21.3/21

Out: -6.339 ± 99.651 χ^2/NDF : 21.9/24

All: 40.018 ± 71.562 χ^2/NDF : 43.7/46

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 293.639+/-0.101 χ^2/NDF :123406.1/5

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 313.012+/-0.110 χ^2/NDF :55350.5/4

Left: 302.531+/-0.074 χ^2/NDF : 195618.3/10

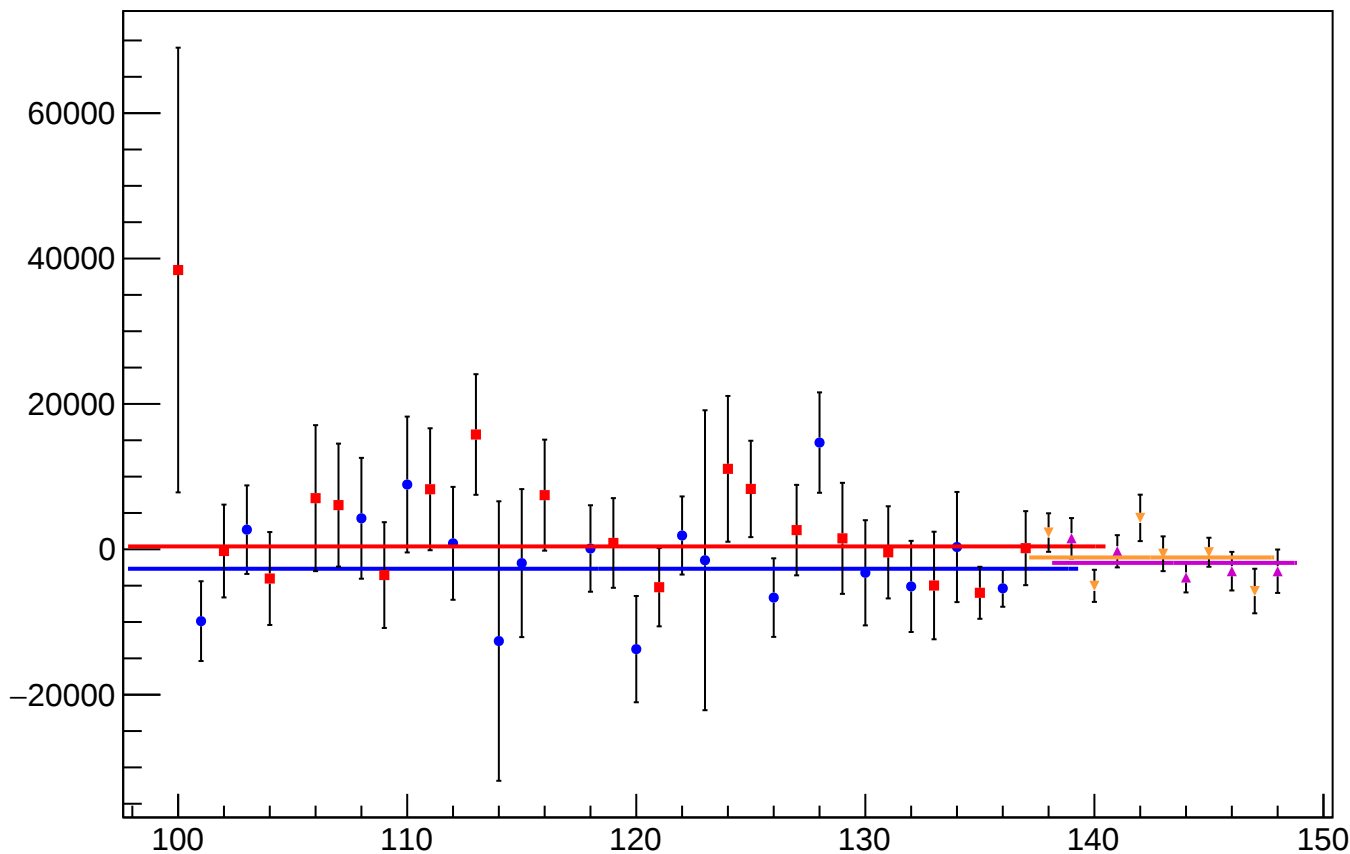
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 332.235+/-0.073 χ^2/NDF :728953.9/21

Out: 326.697+/-0.070 χ^2/NDF :1183168.8/24

All: 329.379+/-0.051 χ^2/NDF : 1915113.7/46

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1119.804+/-1011.122 χ^2/NDF : 10.1/5

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -1866.333+/-1101.445 χ^2/NDF : 3.3/4

Left: -1461.209+/-744.859 χ^2/NDF : 13.7/10

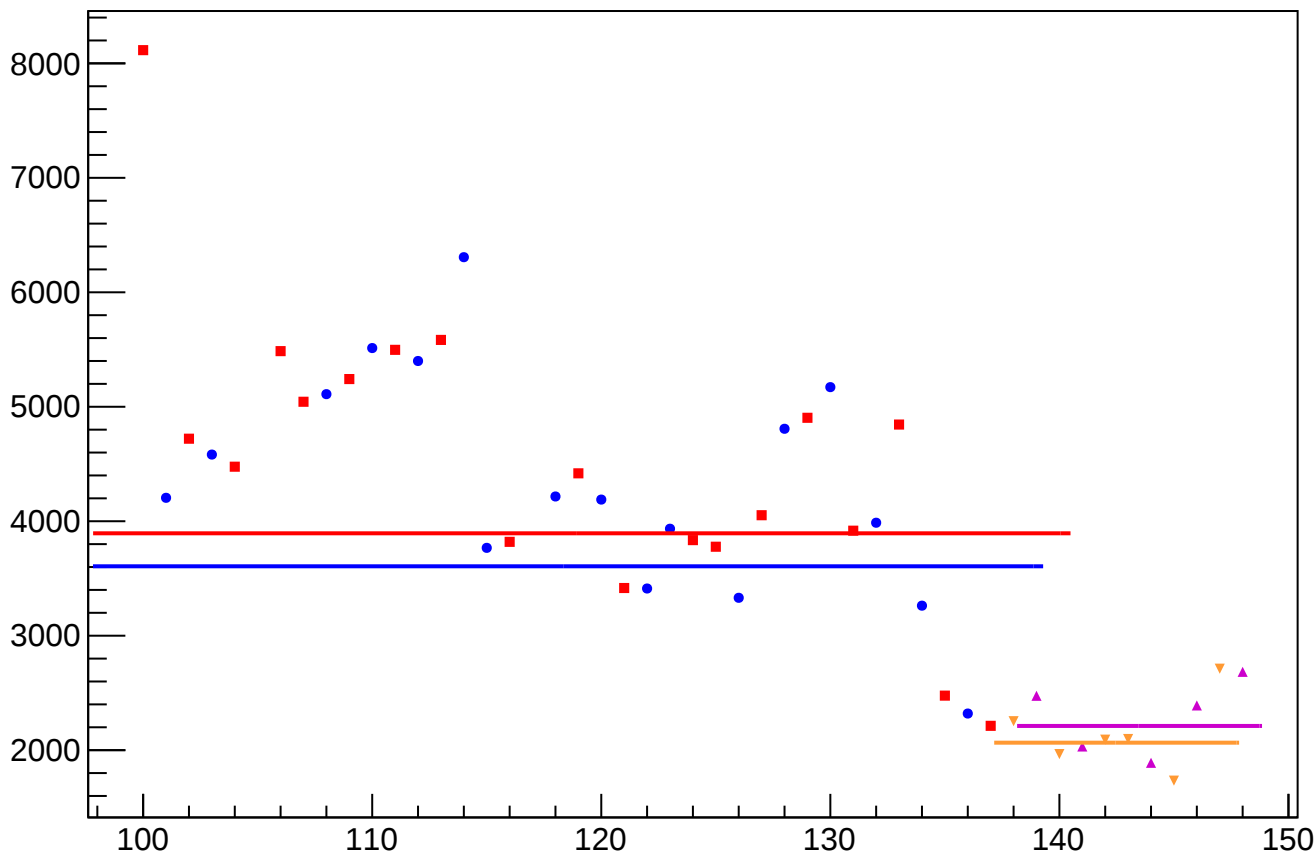
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -2160.267+/-878.454 χ^2/NDF : 20.2/21

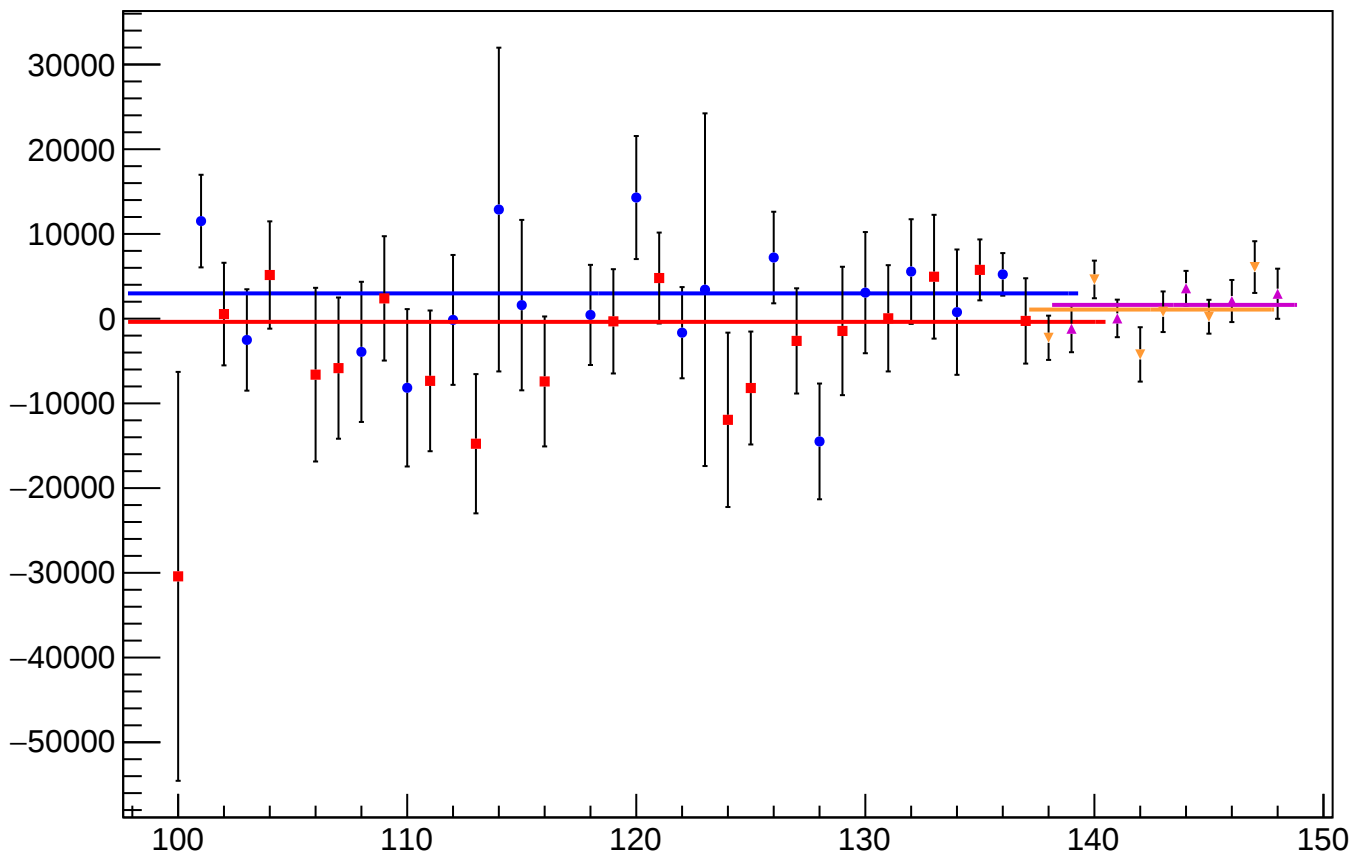
Out: -652.346+/-841.182 χ^2/NDF : 26.8/24

All: -1373.638+/-607.555 χ^2/NDF : 48.5/46

asym_sam2_correction_rms vs Slug, Sign Corrected



asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1074.792 $\pm$ 1011.063 χ^2 /NDF: 9.8/5

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 1625.818 $\pm$ 1086.089 χ^2 /NDF: 2.7/4

Left: 1330.617 $\pm$ 740.033 χ^2 /NDF: 12.6/10

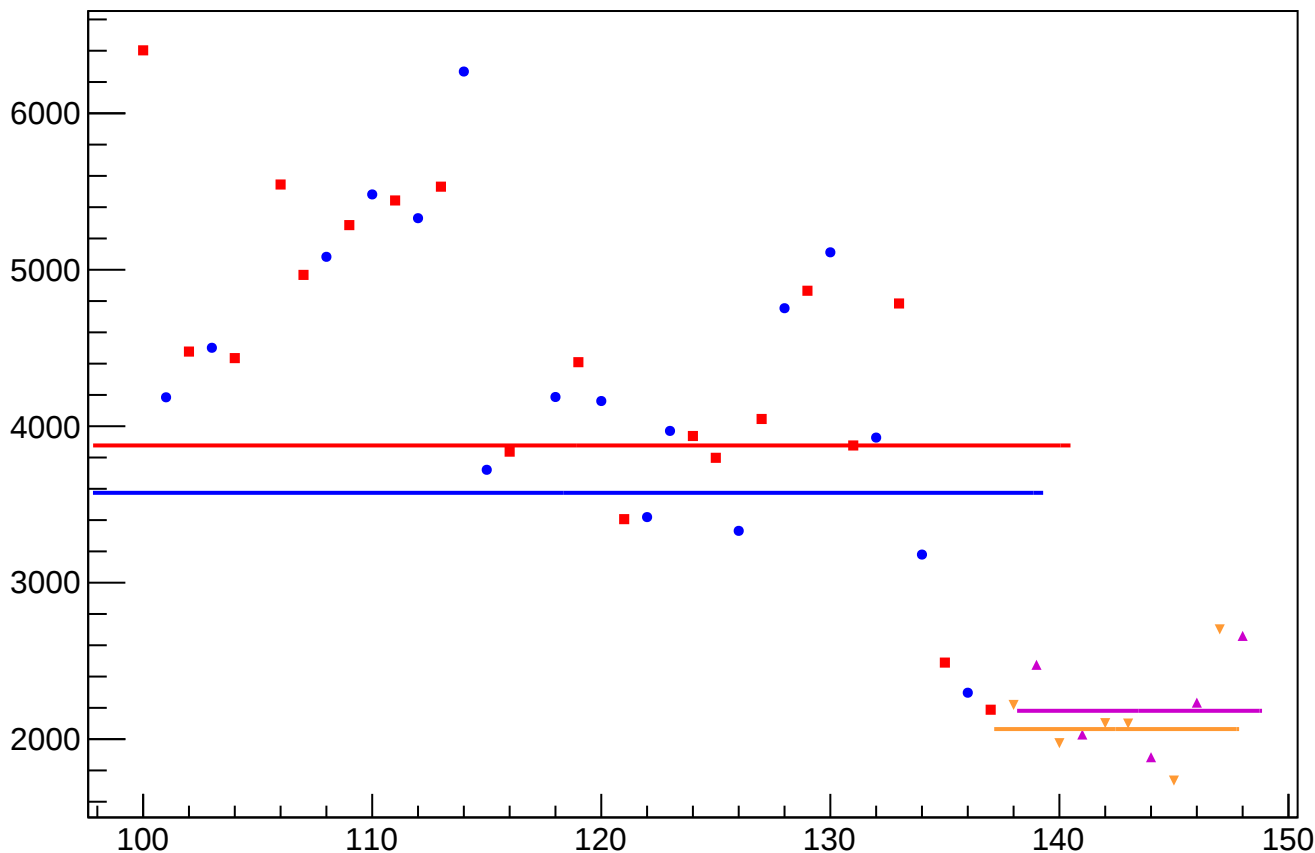
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 2116.567 $\pm$ 867.899 χ^2 /NDF: 20.7/21

Out: 624.198 $\pm$ 839.675 χ^2 /NDF: 25.5/24

All: 1345.722 $\pm$ 603.471 χ^2 /NDF: 47.7/46

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2064.427 $\pm$ 0.715 χ^2 /NDF:152350.4/5

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2181.155 $\pm$ 0.768 χ^2 /NDF:126921.7/4

Left: 2118.621 $\pm$ 0.523 χ^2 /NDF: 291648.6/10

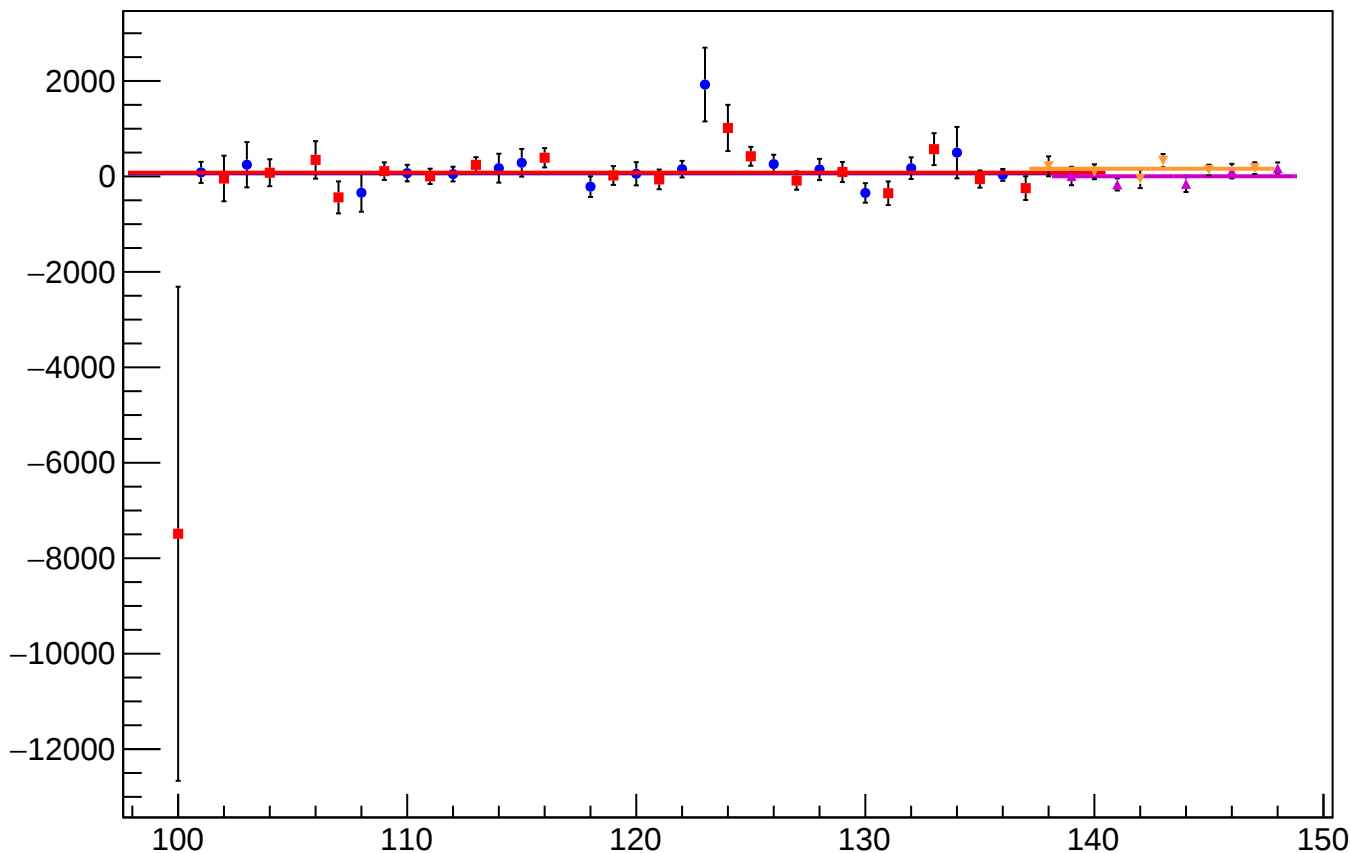
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2684.705 $\pm$ 0.614 χ^2 /NDF:2407751.0/21

Out: 2626.889 $\pm$ 0.594 χ^2 /NDF:3137243.7/24

All: 2654.842 $\pm$ 0.427 χ^2 /NDF: 5549579.0/46

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 161.816 $\pm$ 58.939 χ^2 /NDF:2.9/5

Right Out: 78.699 $\pm$ 52.341 χ^2 /NDF: 24.3/18

Left In: 3.552 $\pm$ 65.685 χ^2 /NDF:5.0/4

Left: 91.225 $\pm$ 43.868 χ^2 /NDF: 11.1/10

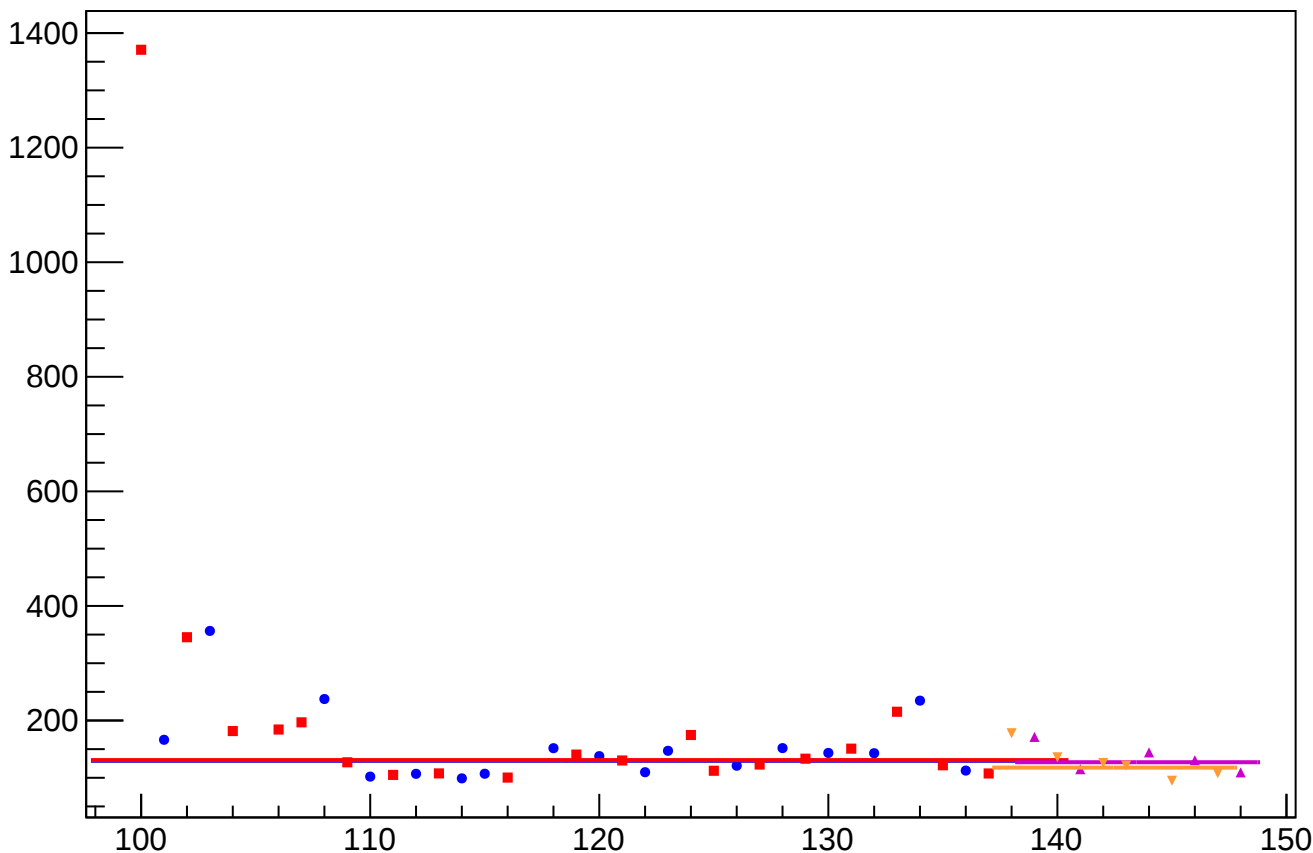
Right: 72.008 $\pm$ 37.137 χ^2 /NDF: 40.0/35

In: 41.072 $\pm$ 41.106 χ^2 /NDF:21.2/21

Out: 115.346 $\pm$ 39.136 χ^2 /NDF:28.3/24

All: 80.031 $\pm$ 28.344 χ^2 /NDF: 51.2/46

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 117.778 $\pm$ 0.042 χ^2 /NDF: 292559.8/5

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 127.166 $\pm$ 0.046 χ^2 /NDF: 185841.1/4

Left: 121.965 $\pm$ 0.031 χ^2 /NDF: 501031.1/10

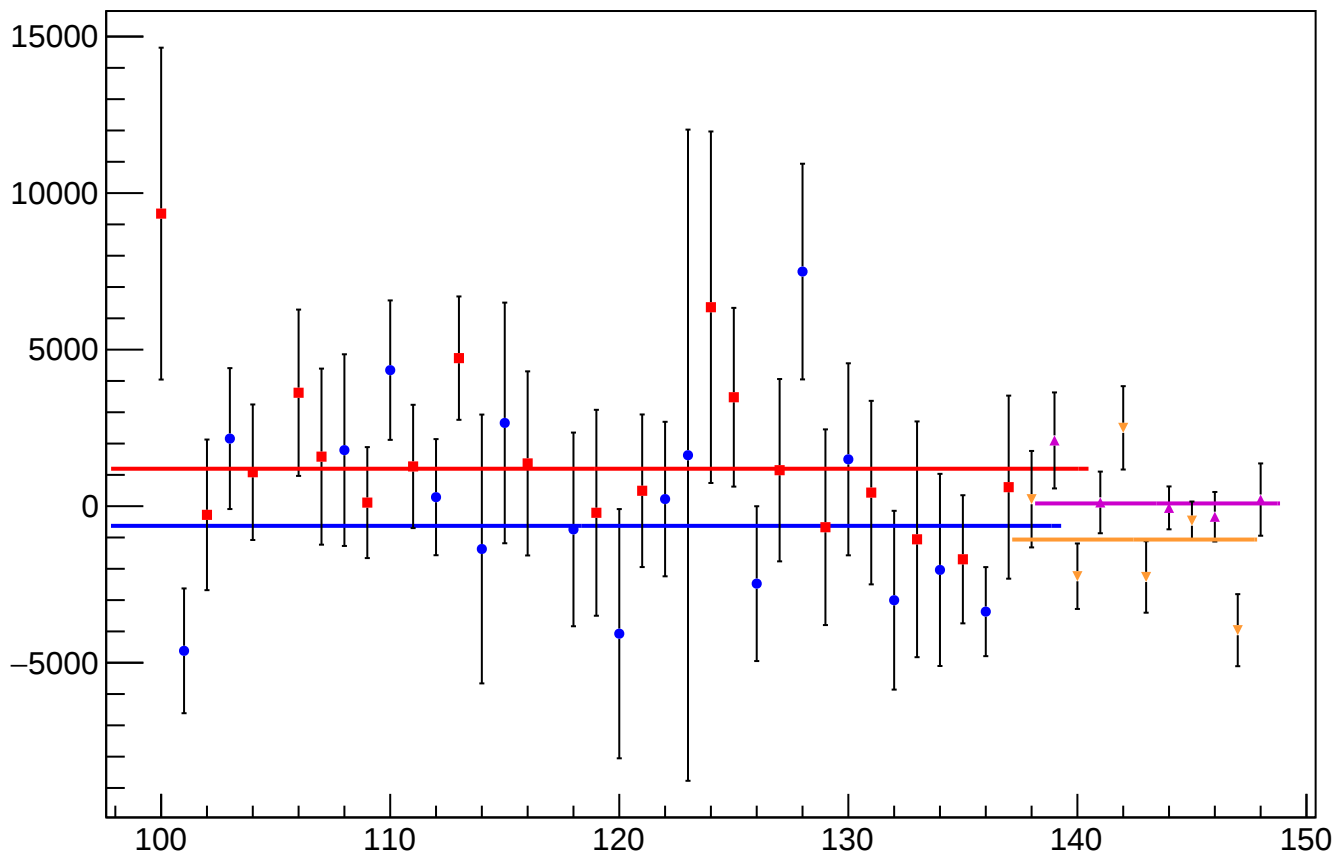
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 128.705 $\pm$ 0.029 χ^2 /NDF: 1177330.2/21

Out: 125.102 $\pm$ 0.028 χ^2 /NDF: 1390124.3/24

All: 126.815 $\pm$ 0.020 χ^2 /NDF: 2575515.6/46

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1065.696+/-404.787 χ^2/NDF : 17.5/5

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 87.814+/-410.430 χ^2/NDF : 2.1/4

Left: -496.926+/-288.202 χ^2/NDF : 23.6/10

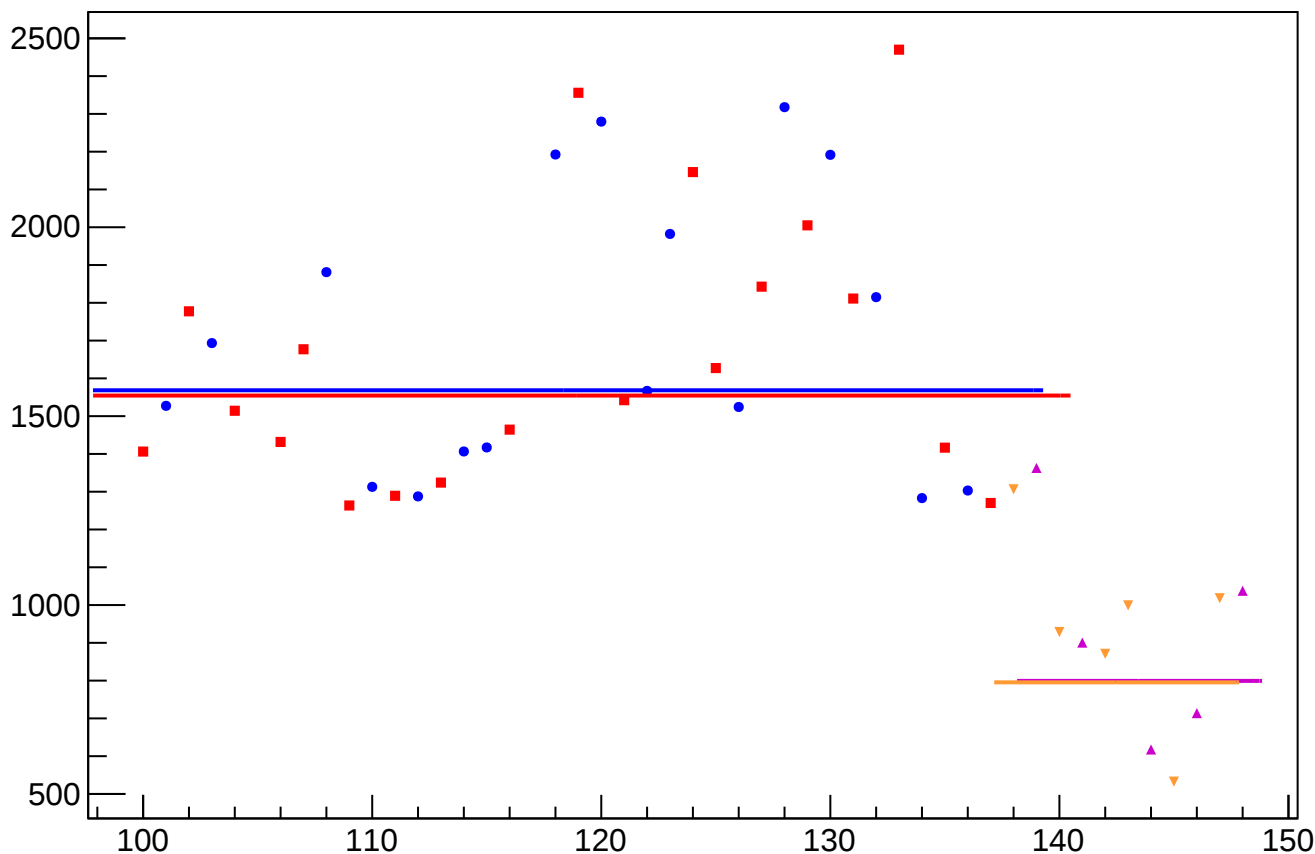
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -129.620+/-342.486 χ^2/NDF : 27.3/21

Out: -351.178+/-334.802 χ^2/NDF : 39.2/24

All: -242.913+/-239.411 χ^2/NDF : 66.7/46

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2 /NDF: 534197.6/16

Left Out: 795.427+/-0.286 χ^2 /NDF: 767747.9/5

Right Out: 1554.527+/-0.421 χ^2 /NDF: 512038.4/18

Left In: 799.256+/-0.290 χ^2 /NDF: 540640.5/4

Left: 797.315+/-0.204 χ^2 /NDF: 1308476.6/10

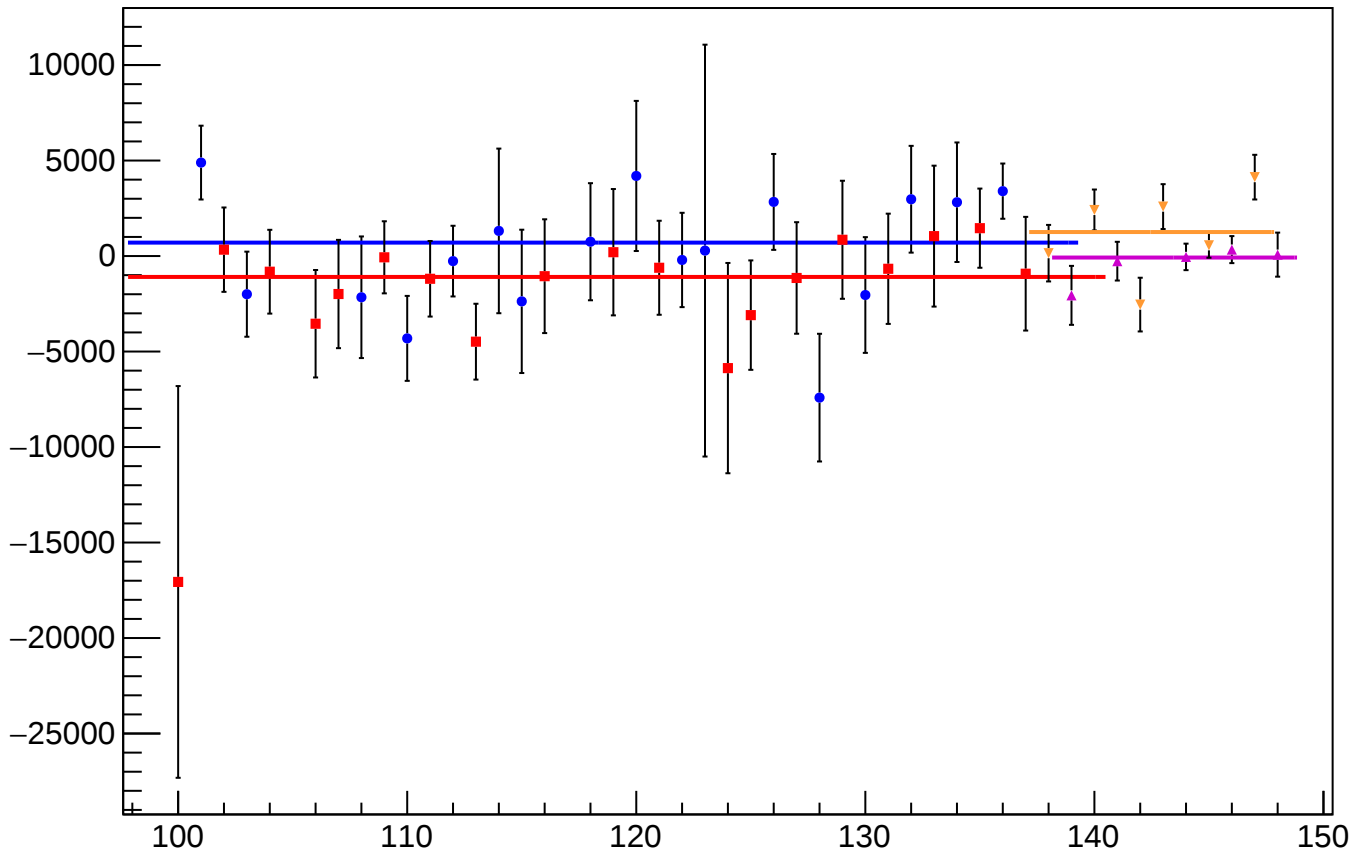
Right: 1561.208+/-0.304 χ^2 /NDF: 1046761.5/35

In: 1032.857+/-0.242 χ^2 /NDF: 3208269.2/21

Out: 1035.223+/-0.237 χ^2 /NDF: 3501649.6/24

All: 1034.067+/-0.169 χ^2 /NDF: 6709967.6/46

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1256.934 $\pm$ 420.552 χ^2 /NDF:17.5/5

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -78.757 $\pm$ 400.963 χ^2 /NDF:2.0/4

Left: 557.258 $\pm$ 290.202 χ^2 /NDF: 24.8/10

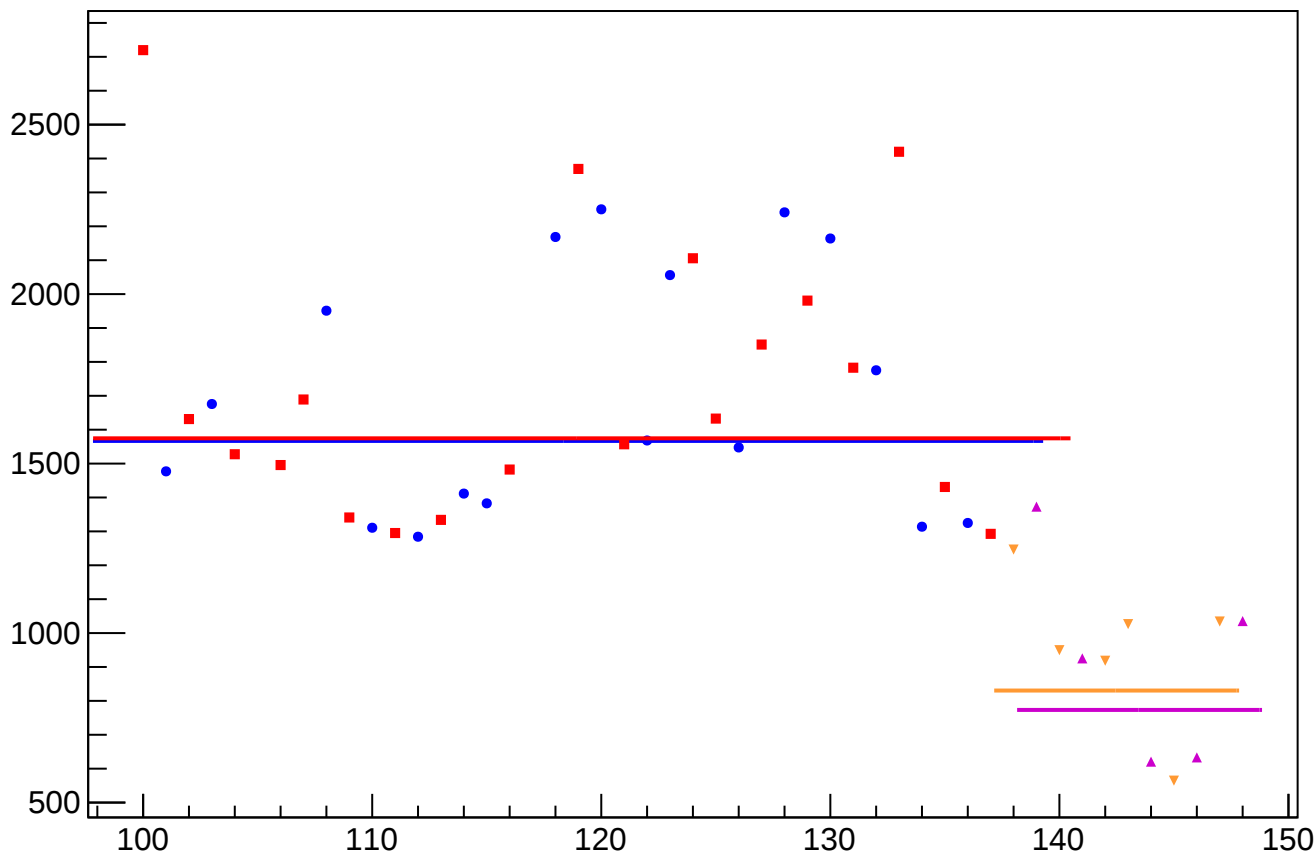
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 151.476 $\pm$ 336.789 χ^2 /NDF:29.1/21

Out: 488.012 $\pm$ 344.983 χ^2 /NDF:38.3/24

All: 315.700 $\pm$ 240.991 χ^2 /NDF: 68.0/46

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 830.481 $\pm$ 0.297 χ^2 /NDF: 641115.3/5

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 773.284 $\pm$ 0.284 χ^2 /NDF: 625196.3/4

Left: 800.519 $\pm$ 0.205 χ^2 /NDF: 1285691.0/10

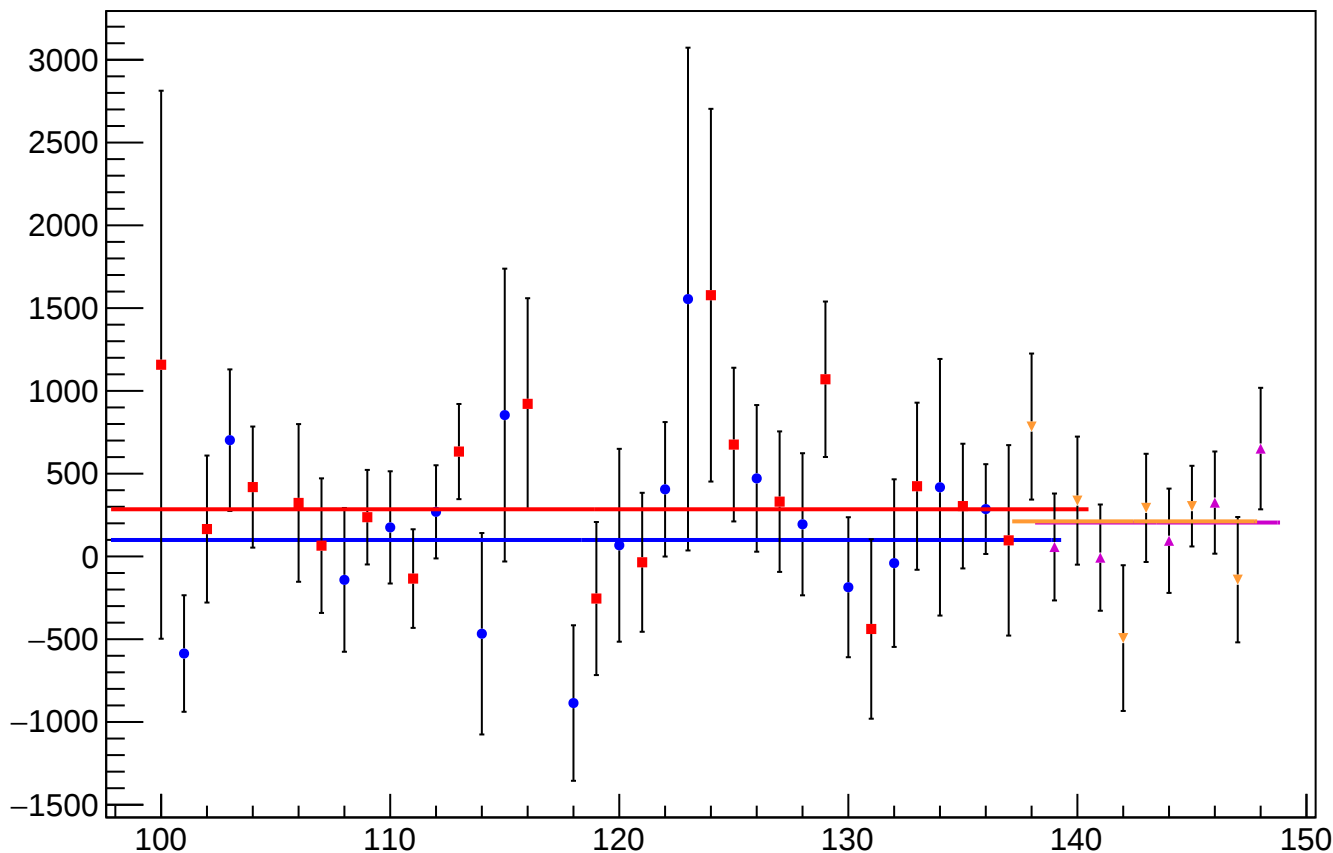
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1007.004 $\pm$ 0.238 χ^2 /NDF: 3432572.1/21

Out: 1073.851 $\pm$ 0.244 χ^2 /NDF: 3153051.8/24

All: 1039.624 $\pm$ 0.170 χ^2 /NDF: 6624072.7/46

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 211.792 $\pm$ 141.171 χ^2/NDF : 5.4/5

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 204.737 $\pm$ 145.410 χ^2/NDF : 2.4/4

Left: 208.368 $\pm$ 101.289 χ^2/NDF : 7.8/10

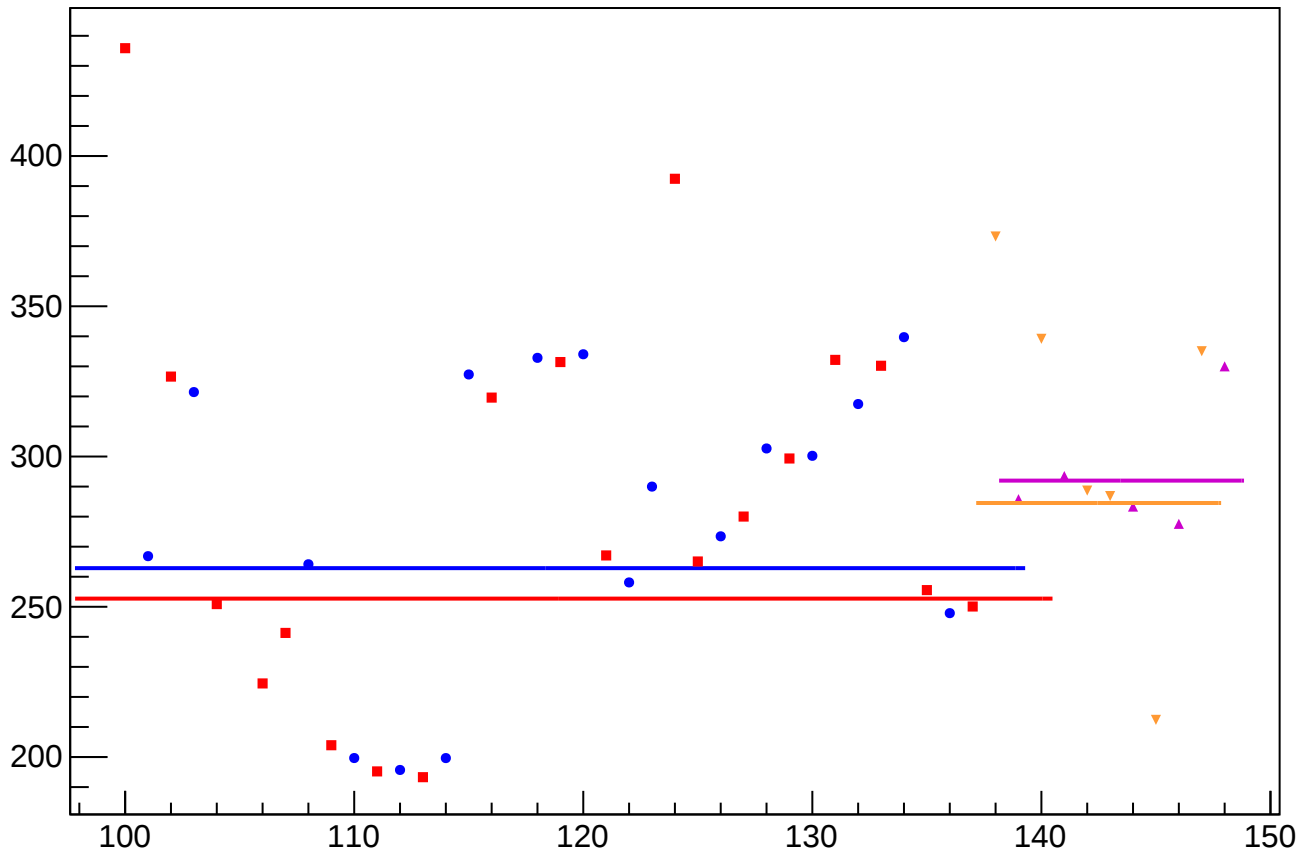
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 134.796 $\pm$ 84.301 χ^2/NDF : 18.7/21

Out: 261.209 $\pm$ 80.342 χ^2/NDF : 19.6/24

All: 201.041 $\pm$ 58.160 χ^2/NDF : 39.5/46

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 284.539+/-0.100 χ^2/NDF :332153.9/5

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 291.985+/-0.103 χ^2/NDF :28086.4/4

Left: 288.152+/-0.072 χ^2/NDF : 362940.3/10

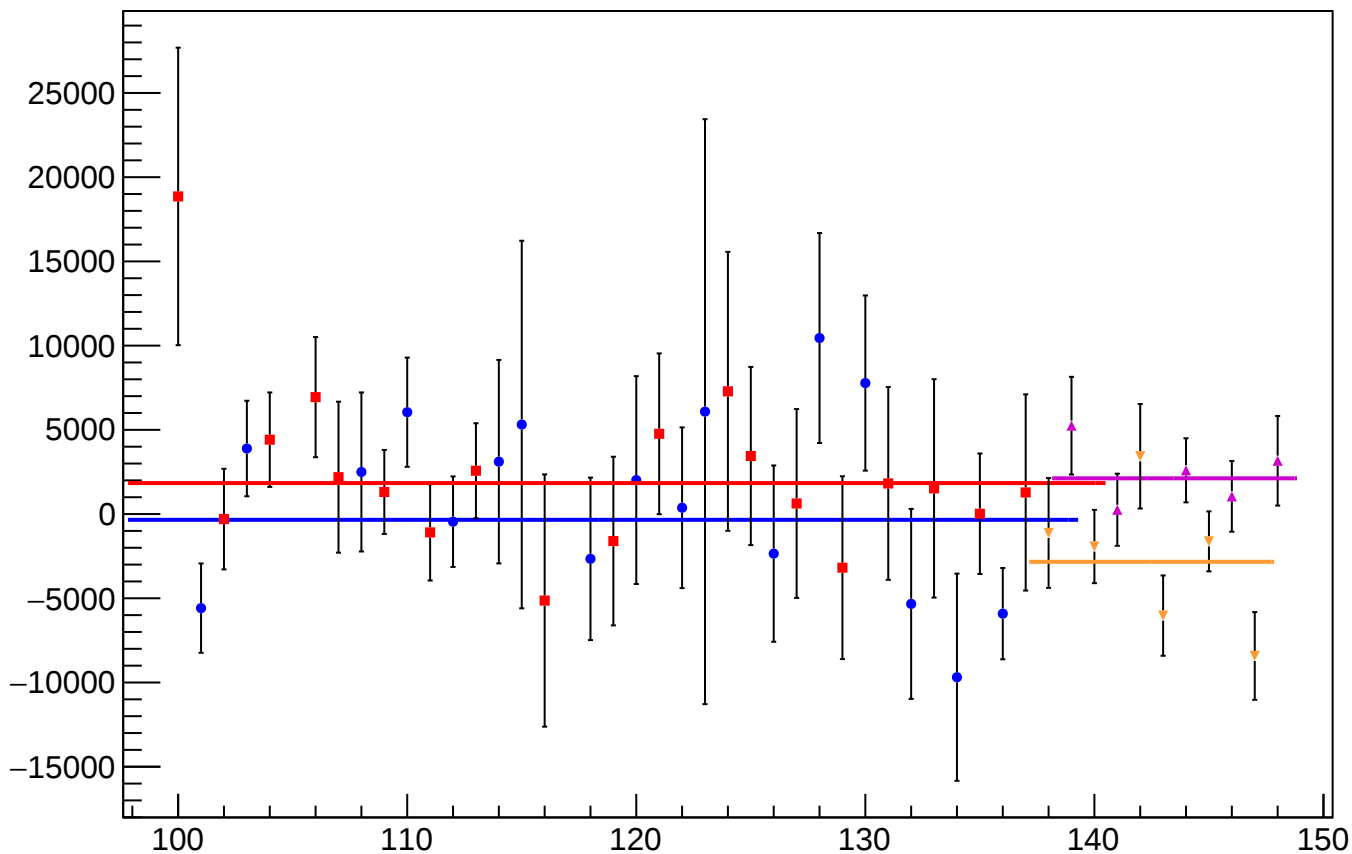
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 272.647+/-0.060 χ^2/NDF :493066.6/21

Out: 263.026+/-0.057 χ^2/NDF :940575.9/24

All: 267.605+/-0.041 χ^2/NDF : 1447293.7/46

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2834.261+/-976.474 χ^2/NDF : 11.4/5

Right Out: 1840.596+/-924.746 χ^2/NDF : 11.7/18

Left In: 2121.981+/-1009.176 χ^2/NDF : 2.4/4

Left: -437.742+/-701.748 χ^2/NDF : 26.3/10

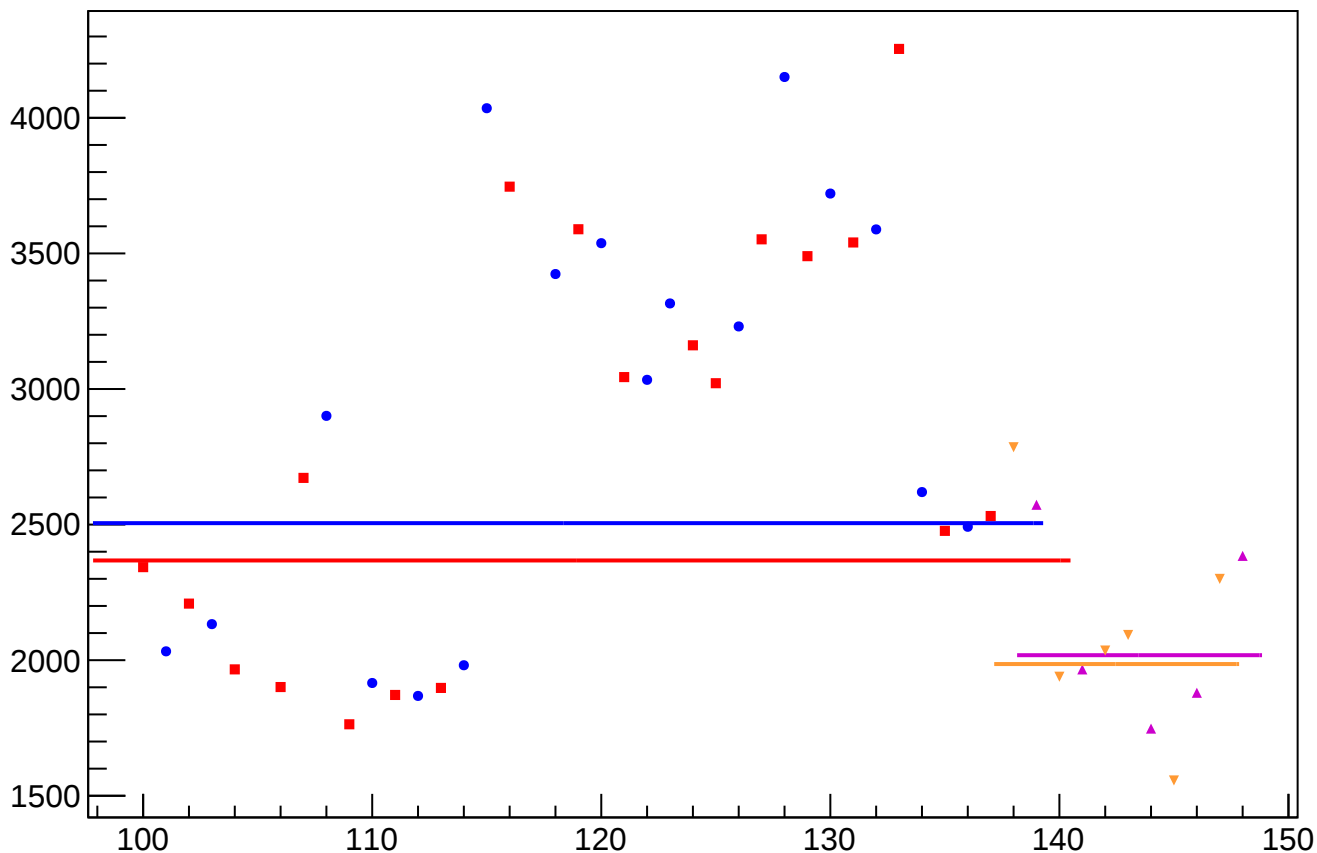
Right: 839.728+/-680.387 χ^2/NDF : 38.7/35

In: 884.666+/-711.984 χ^2/NDF : 29.8/21

Out: -369.734+/-671.437 χ^2/NDF : 35.2/24

All: 220.732+/-488.483 χ^2/NDF : 66.6/46

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 1985.752+/-0.690 χ^2/NDF : 271274.0/5

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2018.402+/-0.714 χ^2/NDF : 161517.8/4

Left: 2001.539+/-0.496 χ^2/NDF : 433873.1/10

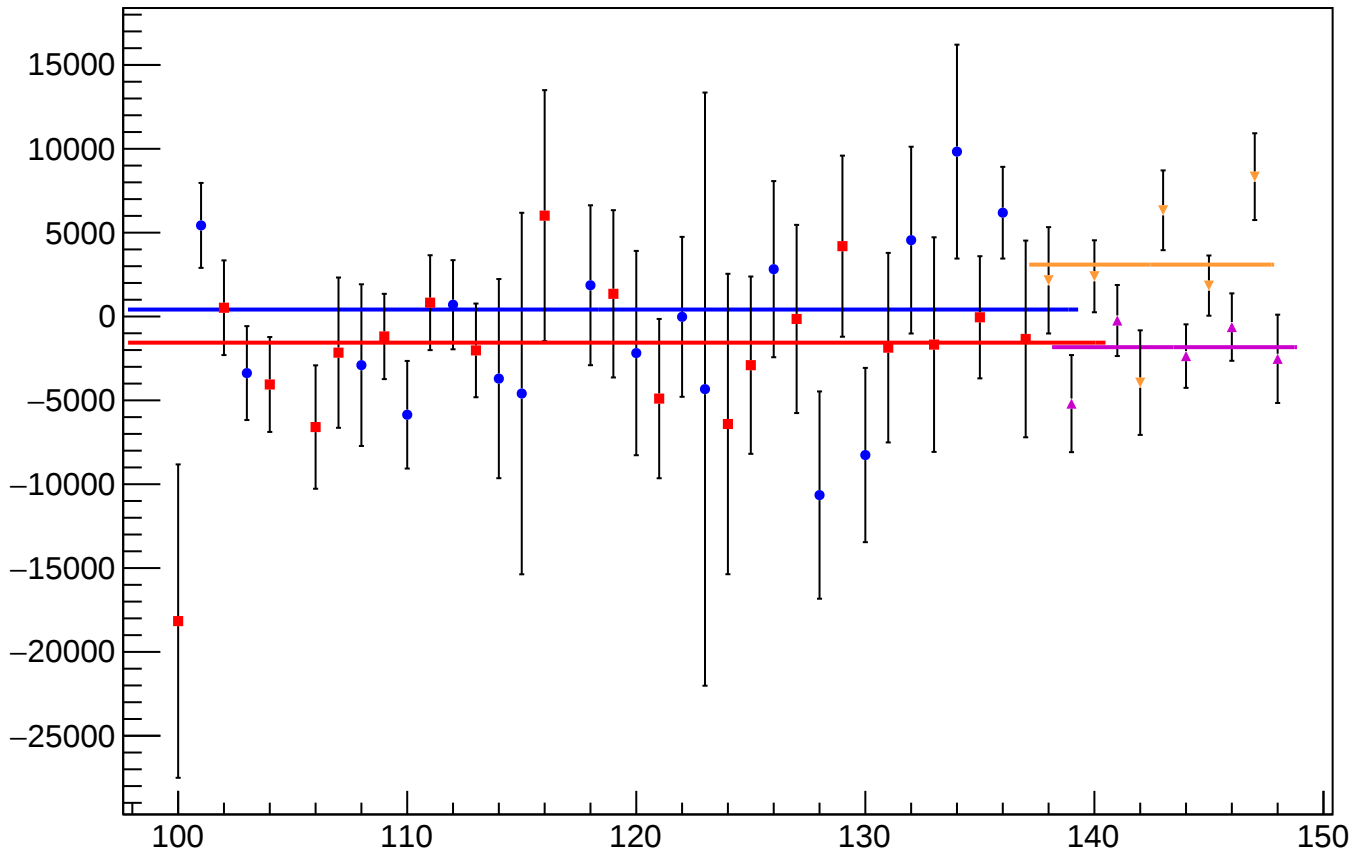
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2262.964+/-0.503 χ^2/NDF : 1259507.7/21

Out: 2187.126+/-0.475 χ^2/NDF : 1463513.2/24

All: 2222.824+/-0.345 χ^2/NDF : 2735031.1/46

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3094.320+/-973.205 χ^2/NDF : 11.7/5

Right Out: -1558.787+/-924.438 χ^2/NDF : 10.7/18

Left In: -1827.923+/-993.760 χ^2/NDF : 2.4/4

Left: 684.631+/-695.313 χ^2/NDF : 26.7/10

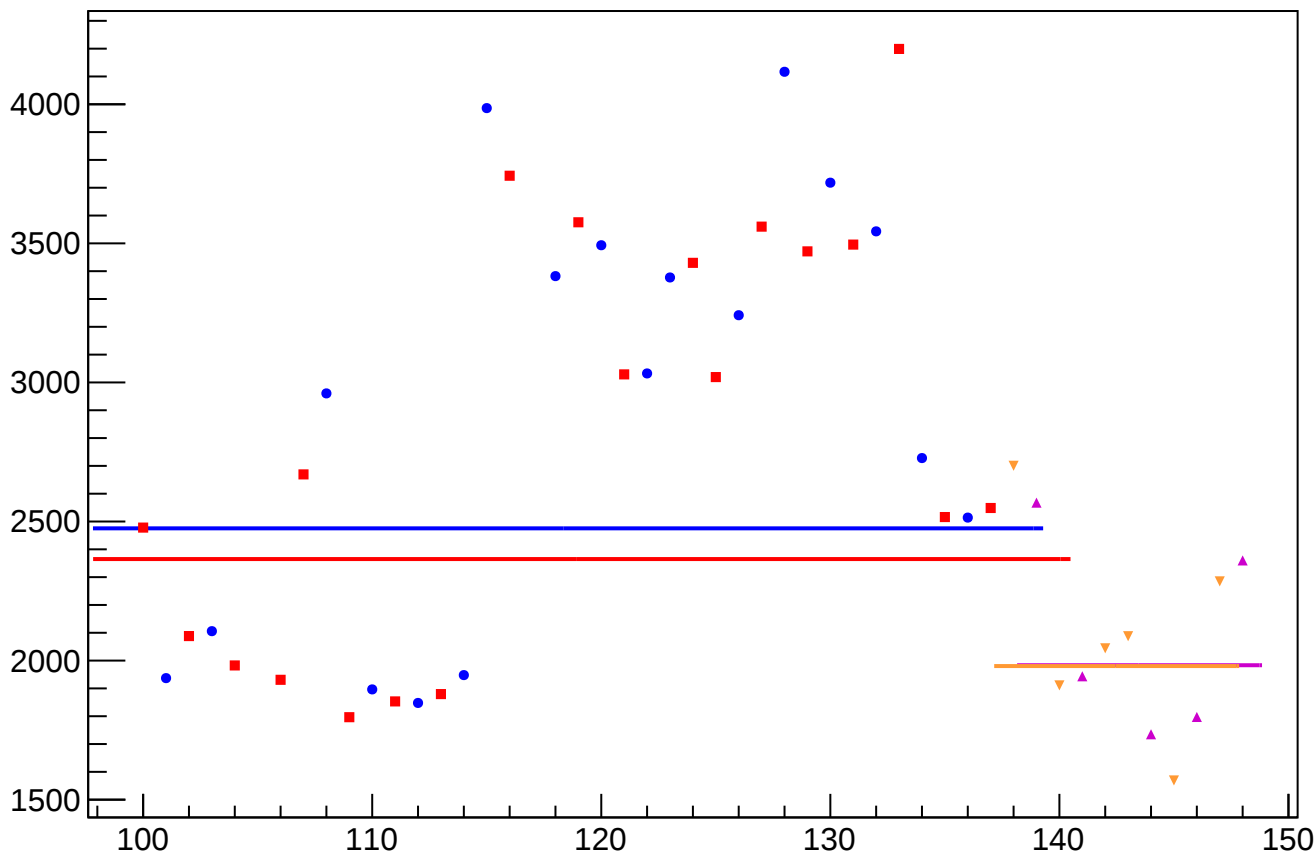
Right: -644.015+/-677.222 χ^2/NDF : 37.3/35

In: -707.488+/-703.102 χ^2/NDF : 29.5/21

Out: 648.268+/-670.254 χ^2/NDF : 34.5/24

All: 2.799+/-485.138 χ^2/NDF : 65.9/46

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 1980.319 $\pm$ 0.688 χ^2 /NDF: 242811.5/5

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 1983.321 $\pm$ 0.703 χ^2 /NDF: 174660.7/4

Left: 1981.789 $\pm$ 0.492 χ^2 /NDF: 417481.5/10

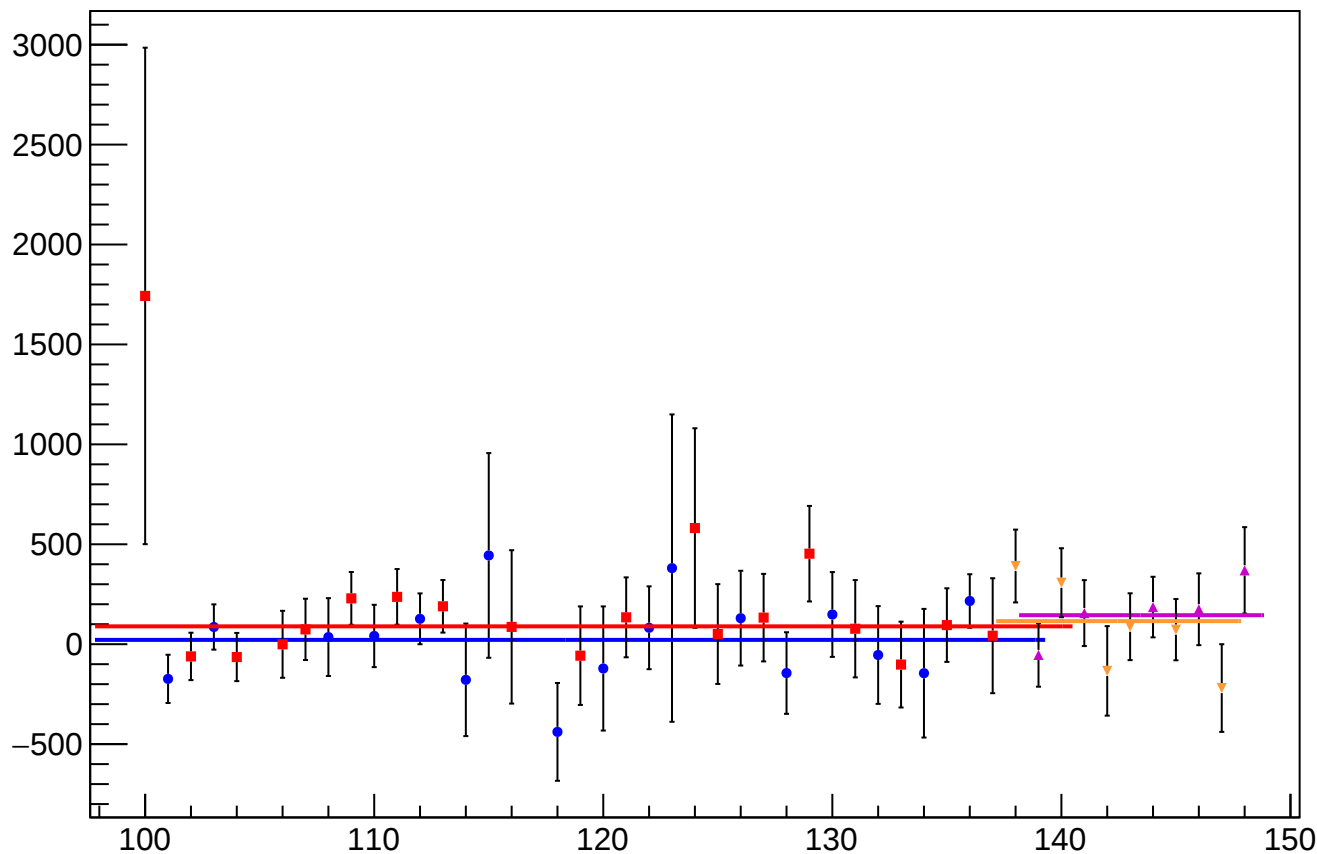
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2229.092 $\pm$ 0.497 χ^2 /NDF: 1332676.9/21

Out: 2182.552 $\pm$ 0.474 χ^2 /NDF: 1434269.4/24

All: 2204.710 $\pm$ 0.343 χ^2 /NDF: 2771537.3/46

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 115.539 $\pm$ 73.967 χ^2 /NDF: 7.2/5

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 145.156 $\pm$ 76.207 χ^2 /NDF: 2.7/4

Left: 129.906 $\pm$ 53.077 χ^2 /NDF: 10.0/10

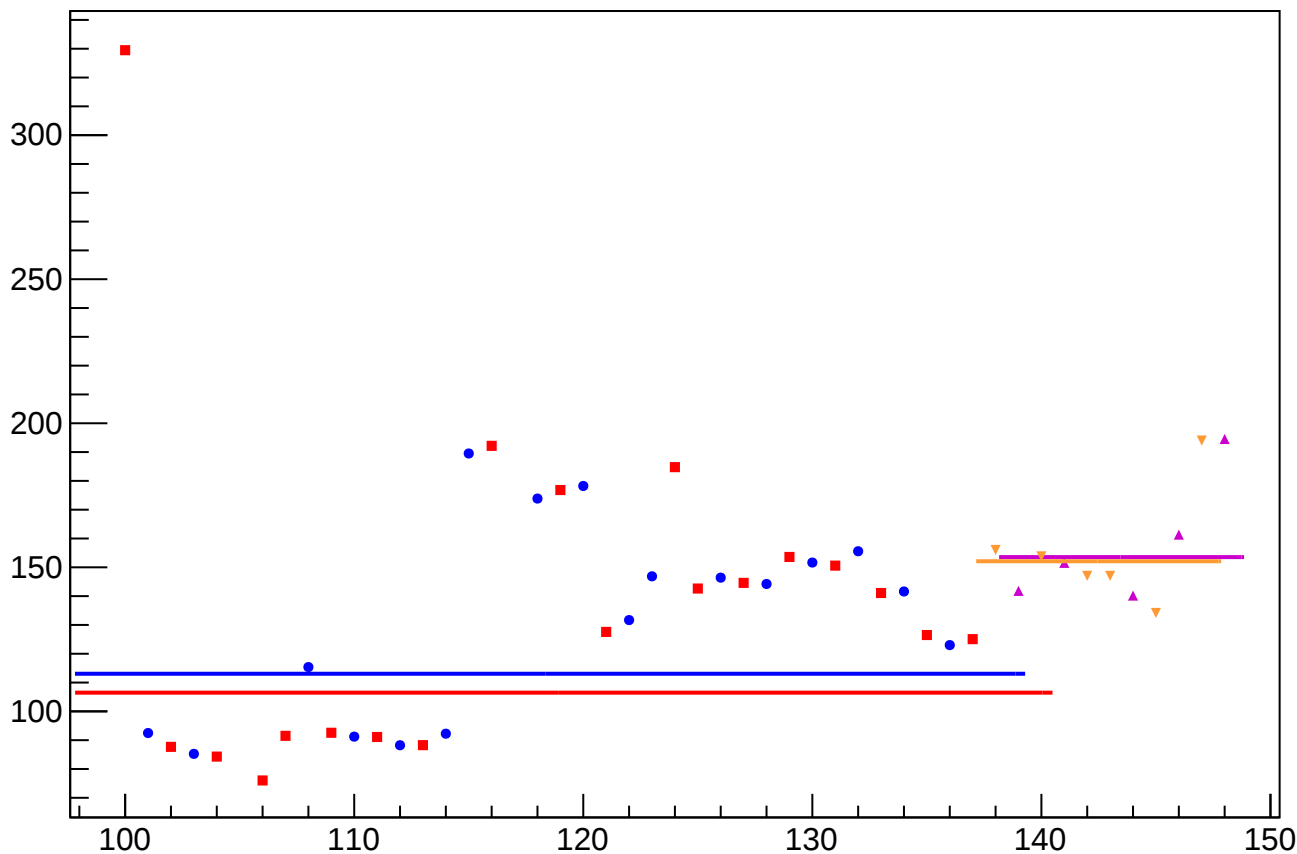
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 53.745 $\pm$ 38.849 χ^2 /NDF: 17.3/21

Out: 95.662 $\pm$ 36.393 χ^2 /NDF: 20.0/24

All: 76.070 $\pm$ 26.559 χ^2 /NDF: 37.9/46

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 152.105 $\pm$ 0.052 χ^2/NDF :104374.6/5

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 153.543 $\pm$ 0.054 χ^2/NDF :102331.3/4

Left: 152.802 $\pm$ 0.038 χ^2/NDF : 207072.9/10

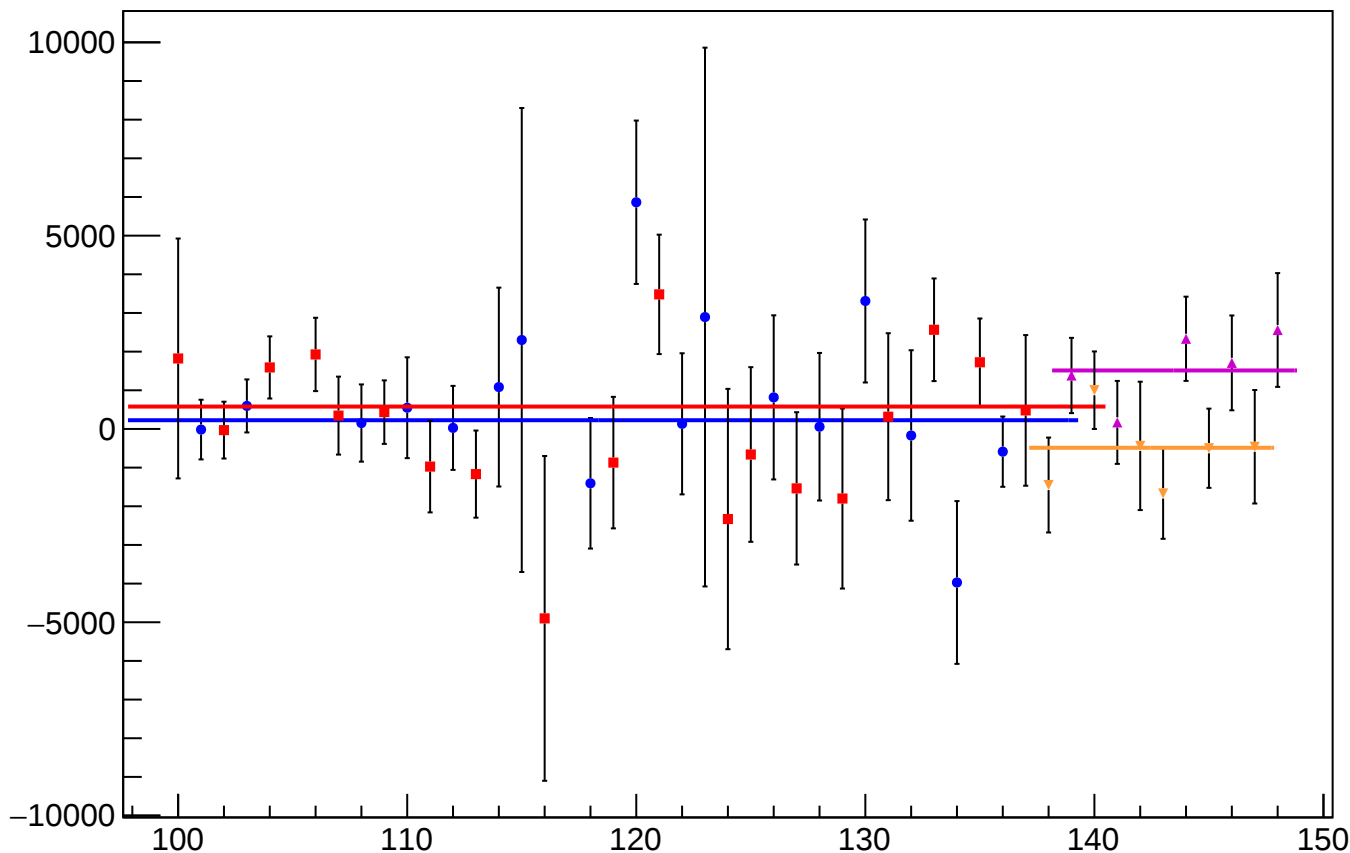
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 123.580 $\pm$ 0.027 χ^2/NDF :1340883.0/21

Out: 117.535 $\pm$ 0.026 χ^2/NDF :1697002.7/24

All: 120.360 $\pm$ 0.019 χ^2/NDF : 3063677.7/46

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2/NDF : 16.0/16

Left Out: -486.725 $\pm$ 489.974 χ^2/NDF : 3.8/5

Right Out: 579.018 $\pm$ 289.235 χ^2/NDF : 21.1/18

Left In: 1512.822 $\pm$ 506.853 χ^2/NDF : 2.7/4

Left: 479.201 $\pm$ 352.280 χ^2/NDF : 14.6/10

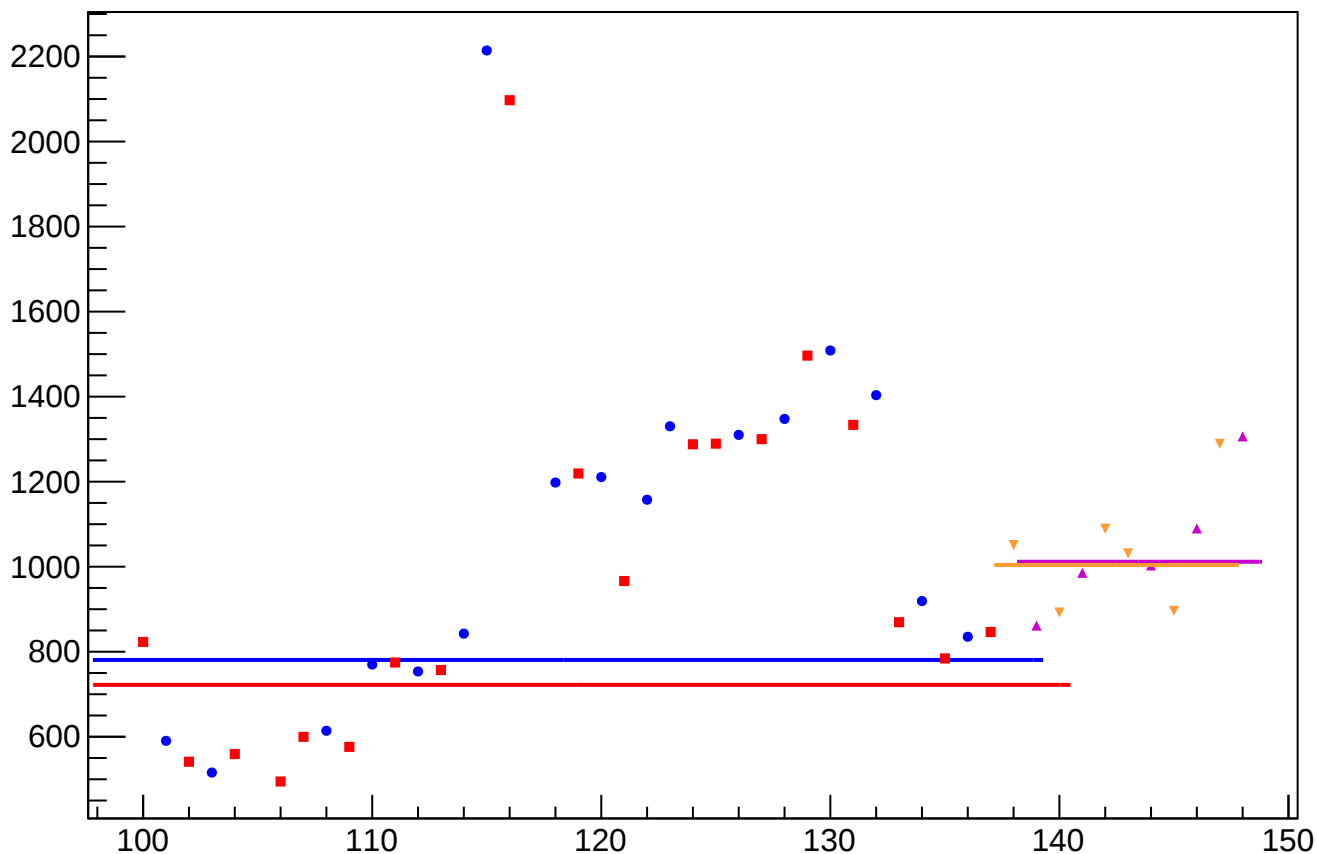
Right: 420.896 $\pm$ 214.998 χ^2/NDF : 37.8/35

In: 594.795 $\pm$ 271.437 χ^2/NDF : 23.2/21

Out: 303.615 $\pm$ 249.076 χ^2/NDF : 28.5/24

All: 436.719 $\pm$ 183.520 χ^2/NDF : 52.3/46

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1004.071 $\pm$ 0.346 χ^2 /NDF:131797.6/5

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 1011.618 $\pm$ 0.358 χ^2 /NDF:137350.4/4

Left: 1007.716 $\pm$ 0.249 χ^2 /NDF: 269377.2/10

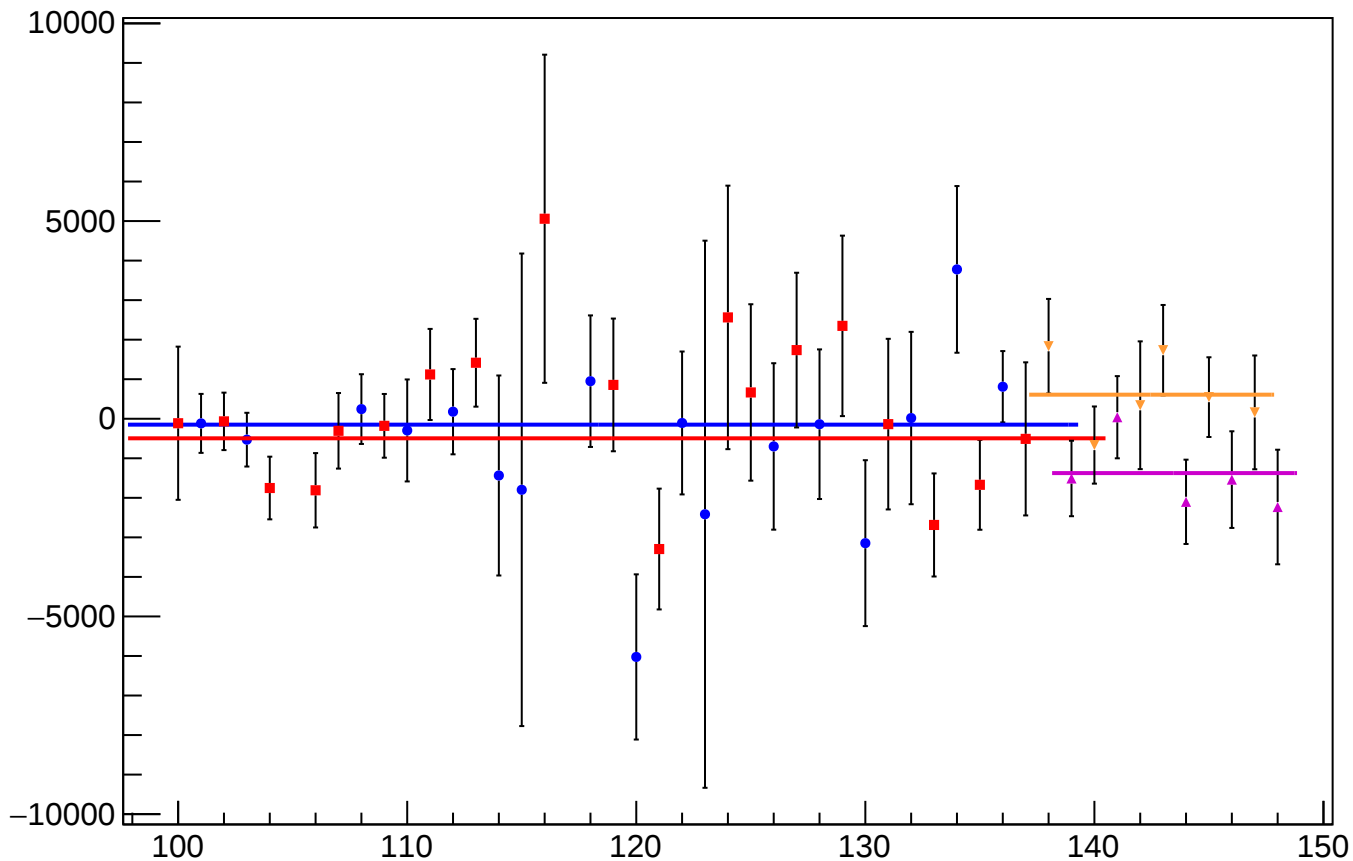
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 846.926 $\pm$ 0.192 χ^2 /NDF:2042929.7/21

Out: 795.001 $\pm$ 0.176 χ^2 /NDF:2251585.1/24

All: 818.737 $\pm$ 0.130 χ^2 /NDF: 4334248.3/46

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 608.866 ± 478.670 $\chi^2/\text{NDF}: 3.9/5$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -1374.237 ± 496.951 $\chi^2/\text{NDF}: 2.7/4$

Left: -345.539 ± 344.753 $\chi^2/\text{NDF}: 14.8/10$

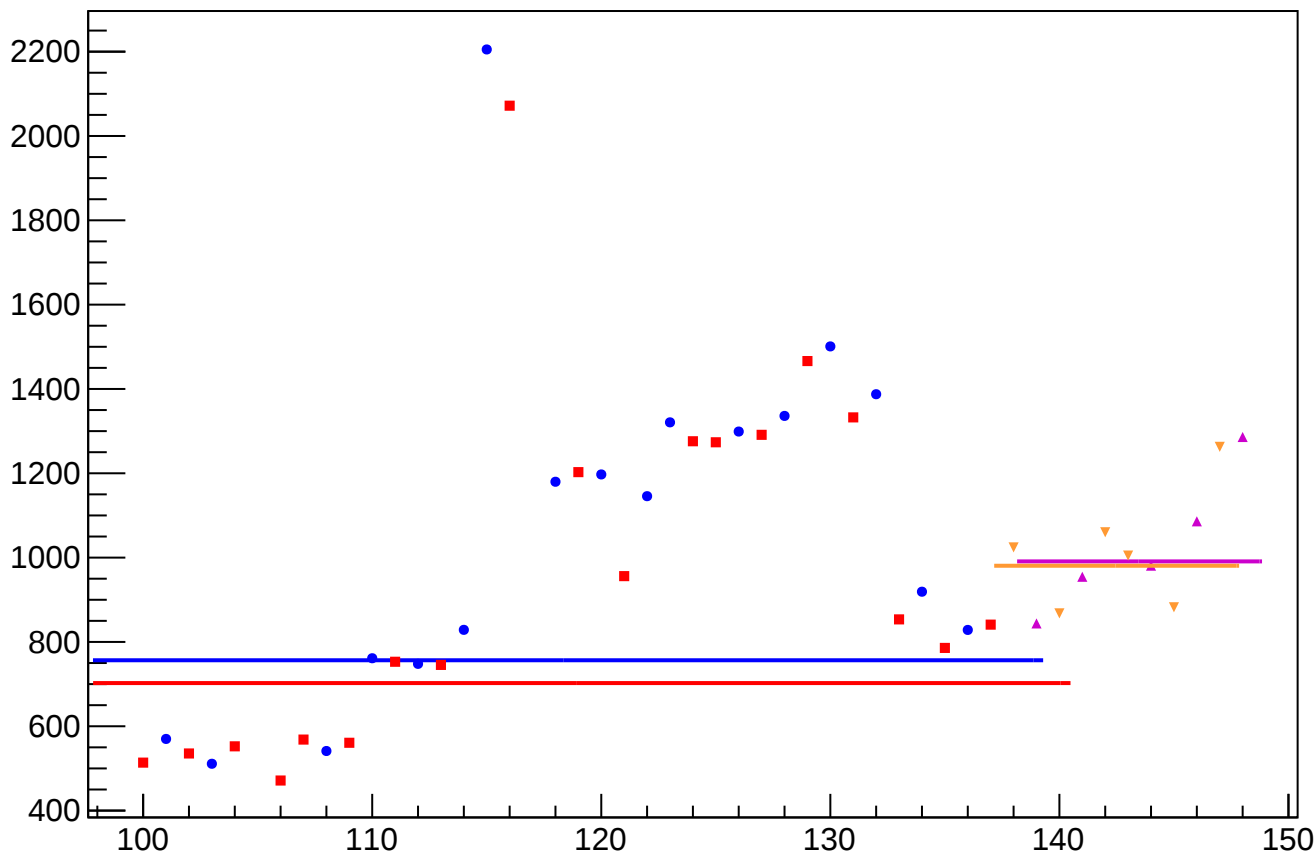
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -497.057 ± 264.823 $\chi^2/\text{NDF}: 23.2/21$

Out: -209.401 ± 243.431 $\chi^2/\text{NDF}: 31.5/24$

All: -341.143 ± 179.218 $\chi^2/\text{NDF}: 55.3/46$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 980.700+/-0.338 χ^2/NDF : 131086.6/5

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 991.017+/-0.351 χ^2/NDF : 145202.6/4

Left: 985.665+/-0.244 χ^2/NDF : 276736.3/10

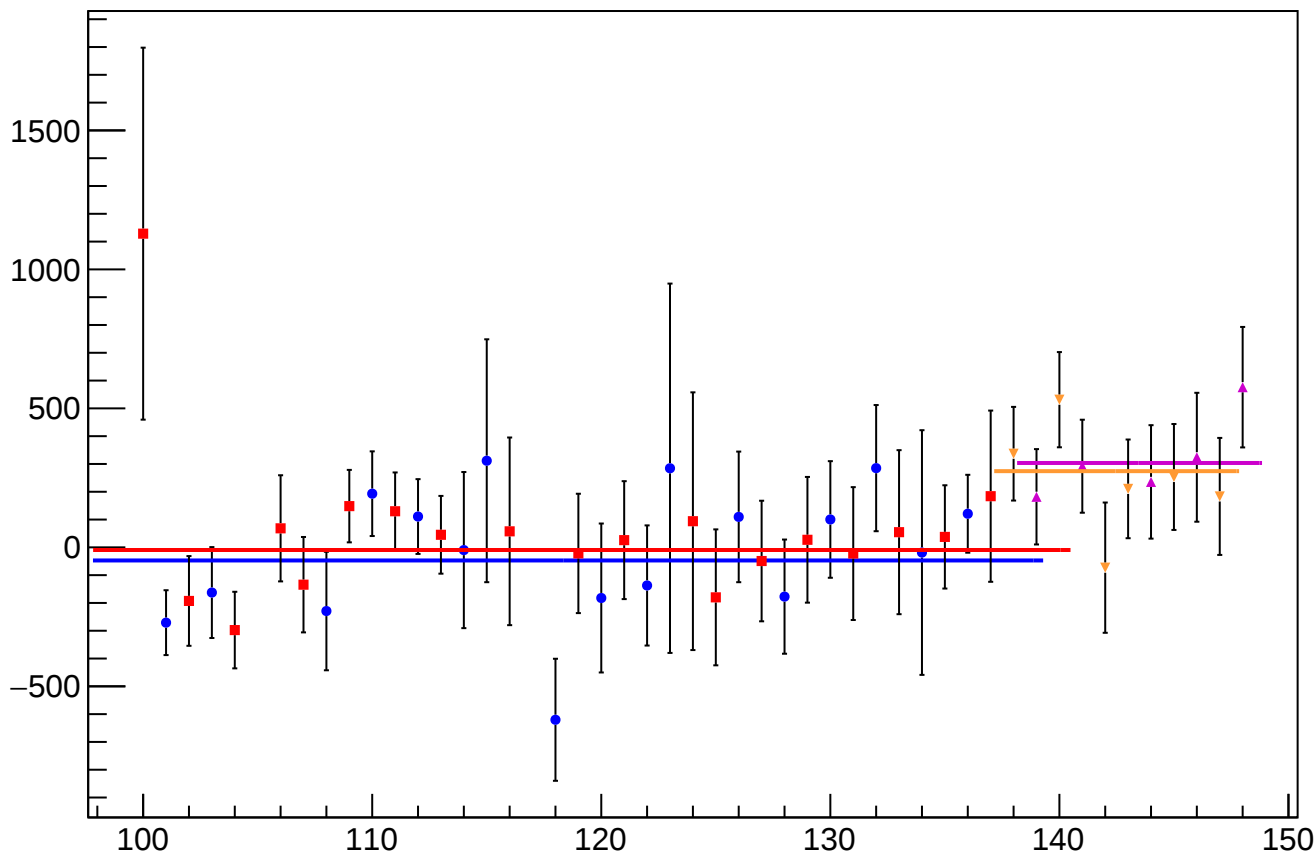
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 823.125+/-0.187 χ^2/NDF : 2177654.8/21

Out: 774.409+/-0.172 χ^2/NDF : 2321530.2/24

All: 796.720+/-0.127 χ^2/NDF : 4535868.9/46

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 274.138 ± 76.840 $\chi^2/\text{NDF}: 4.9/5$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 303.565 ± 86.513 $\chi^2/\text{NDF}: 2.2/4$

Left: 287.115 ± 57.451 $\chi^2/\text{NDF}: 7.2/10$

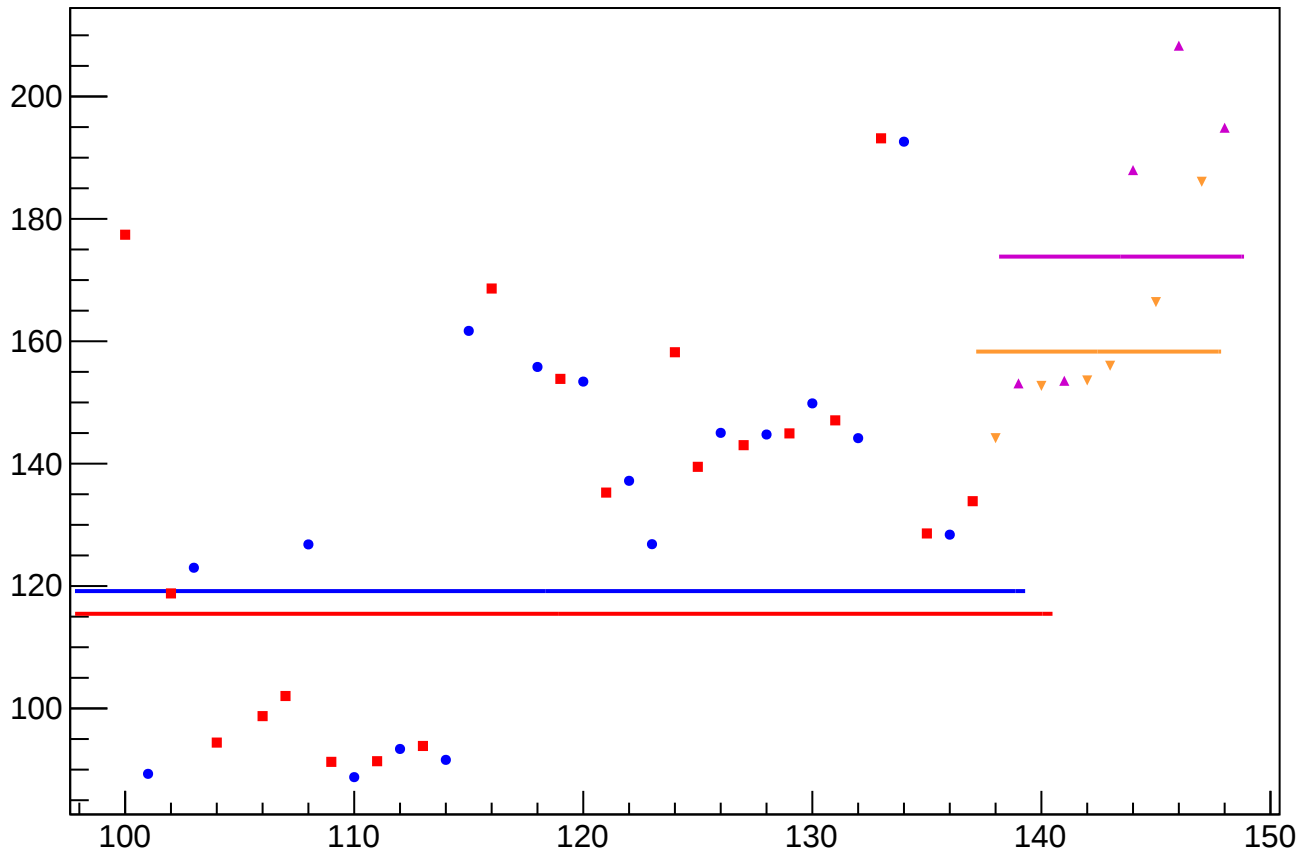
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 33.473 ± 41.481 $\chi^2/\text{NDF}: 36.7/21$

Out: 62.327 ± 38.669 $\chi^2/\text{NDF}: 28.1/24$

All: 48.911 ± 28.285 $\chi^2/\text{NDF}: 65.1/46$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 158.315+/-0.054 χ^2/NDF : 55772.4/5

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 173.835+/-0.061 χ^2/NDF : 131265.5/4

Left: 165.159+/-0.041 χ^2/NDF : 223019.5/10

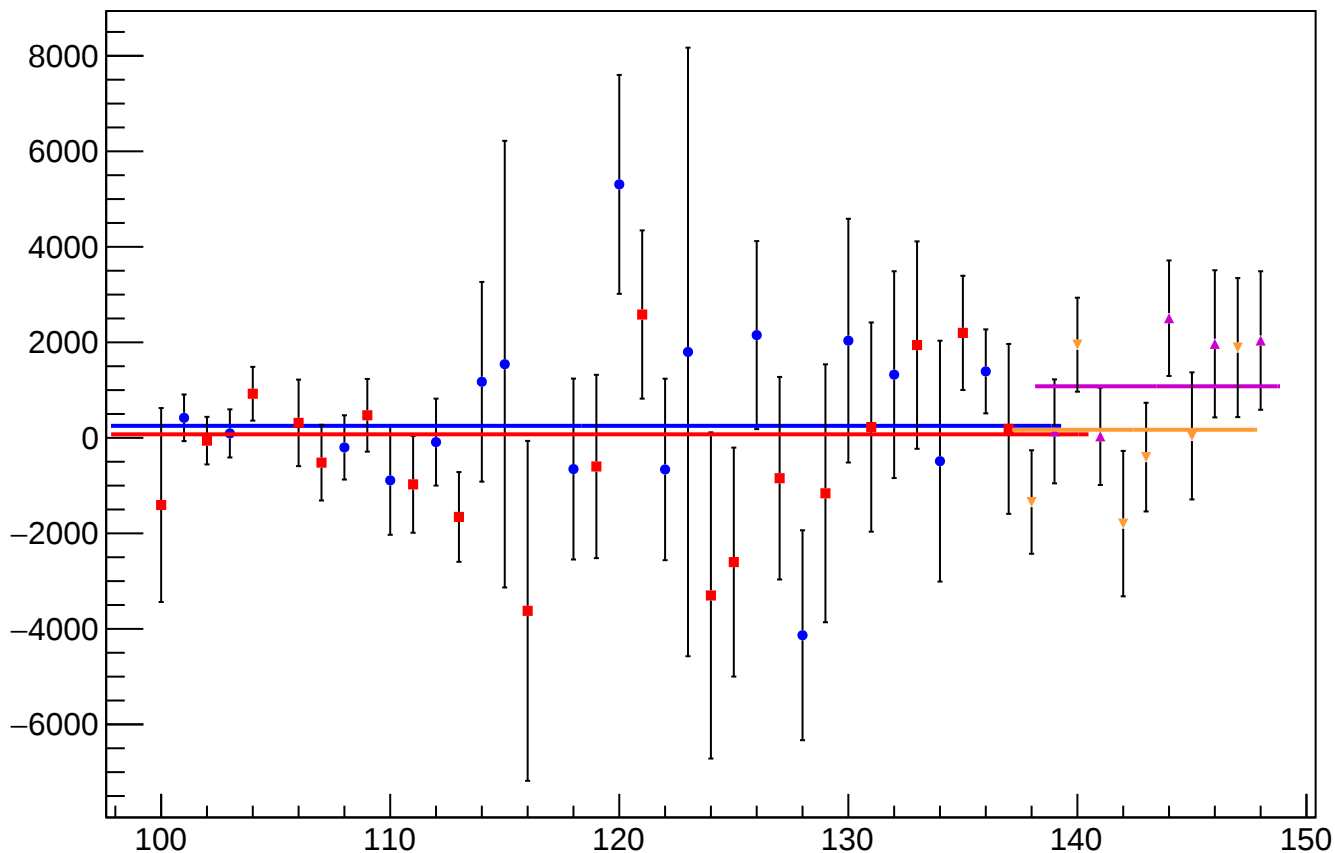
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 131.741+/-0.029 χ^2/NDF : 1361401.7/21

Out: 126.318+/-0.027 χ^2/NDF : 1212970.9/24

All: 128.839+/-0.020 χ^2/NDF : 2592666.6/46

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 169.804 $\pm$ 492.407 χ^2 /NDF: 8.6/5

Right Out: 74.126 $\pm$ 243.967 χ^2 /NDF: 18.0/18

Left In: 1079.798 $\pm$ 543.371 χ^2 /NDF: 4.0/4

Left: 580.134 $\pm$ 364.875 χ^2 /NDF: 14.1/10

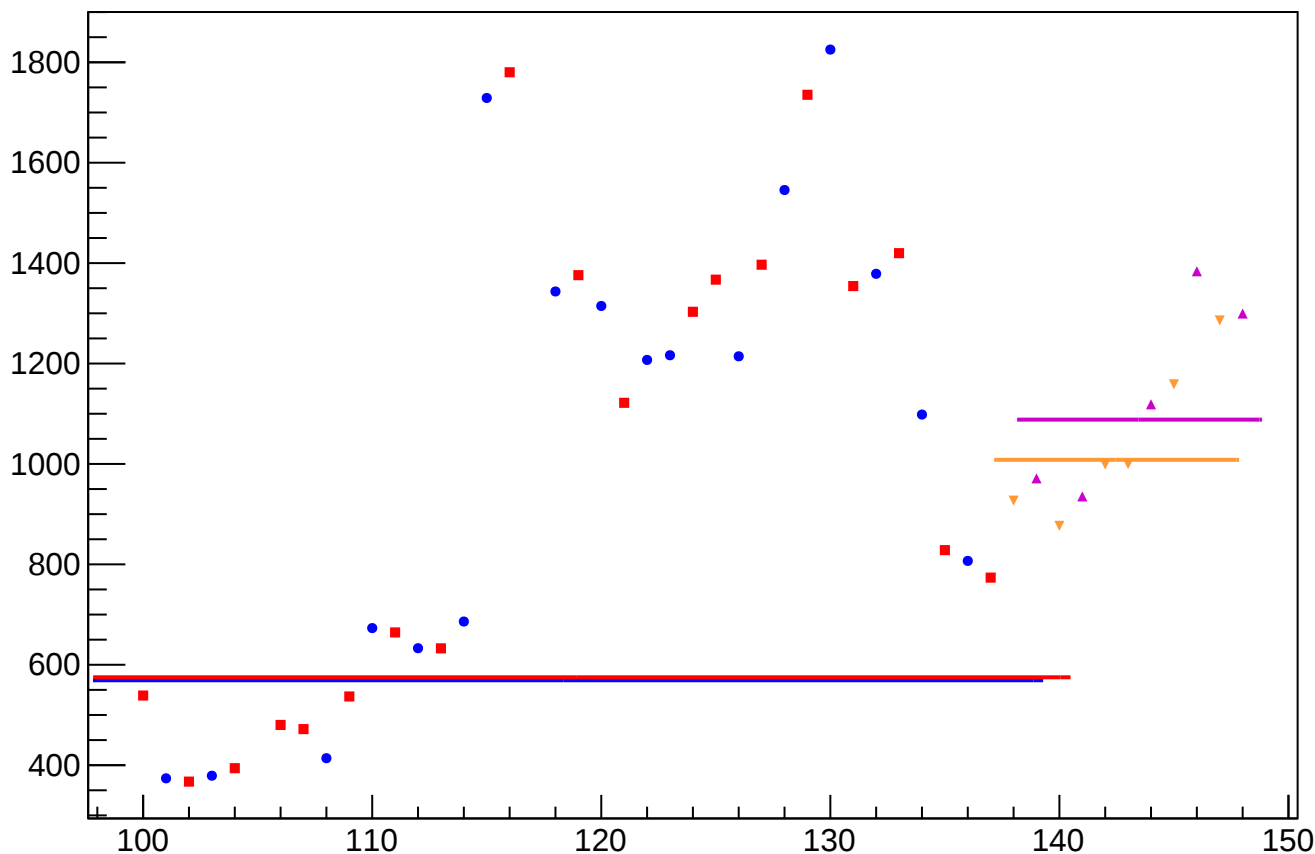
Right: 159.765 $\pm$ 175.557 χ^2 /NDF: 33.1/35

In: 399.095 $\pm$ 229.222 χ^2 /NDF: 20.8/21

Out: 92.983 $\pm$ 218.607 χ^2 /NDF: 26.6/24

All: 238.787 $\pm$ 158.198 χ^2 /NDF: 48.3/46

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200+/-0.179 χ^2/NDF : 3267047.1/16

Left Out: 1008.229+/-0.348 χ^2/NDF : 145459.2/5

Right Out: 575.051+/-0.173 χ^2/NDF : 3058923.3/18

Left In: 1088.254+/-0.384 χ^2/NDF : 185382.8/4

Left: 1044.314+/-0.258 χ^2/NDF : 354661.4/10

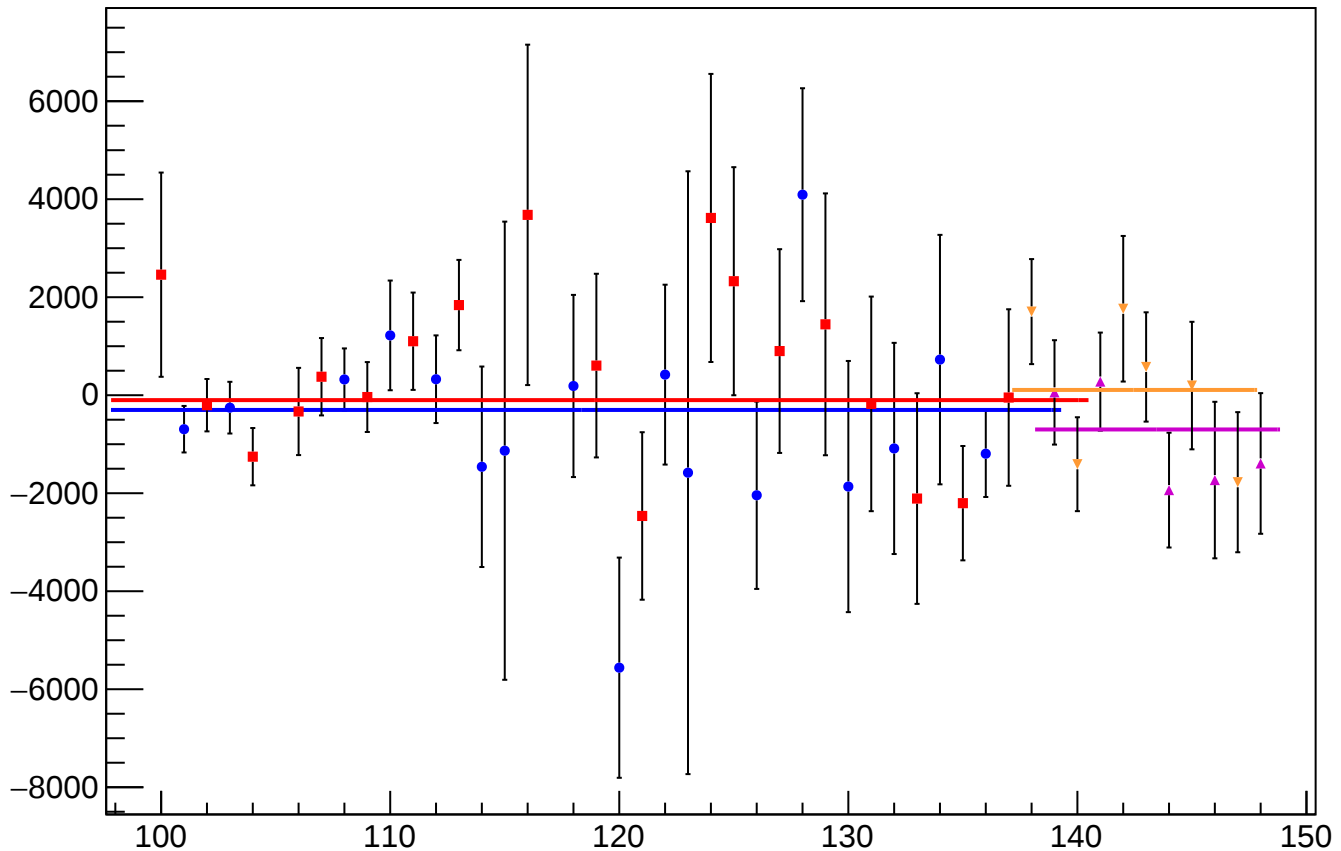
Right: 572.230+/-0.124 χ^2/NDF : 6326525.2/35

In: 661.570+/-0.162 χ^2/NDF : 4952656.2/21

Out: 660.429+/-0.155 χ^2/NDF : 4447114.2/24

All: 660.973+/-0.112 χ^2/NDF : 9399796.3/46

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: 107.703 ± 482.439 $\chi^2/\text{NDF}: 7.9/5$

Right Out: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: -698.932 ± 535.486 $\chi^2/\text{NDF}: 3.2/4$

Left: -253.693 ± 358.427 $\chi^2/\text{NDF}: 12.4/10$

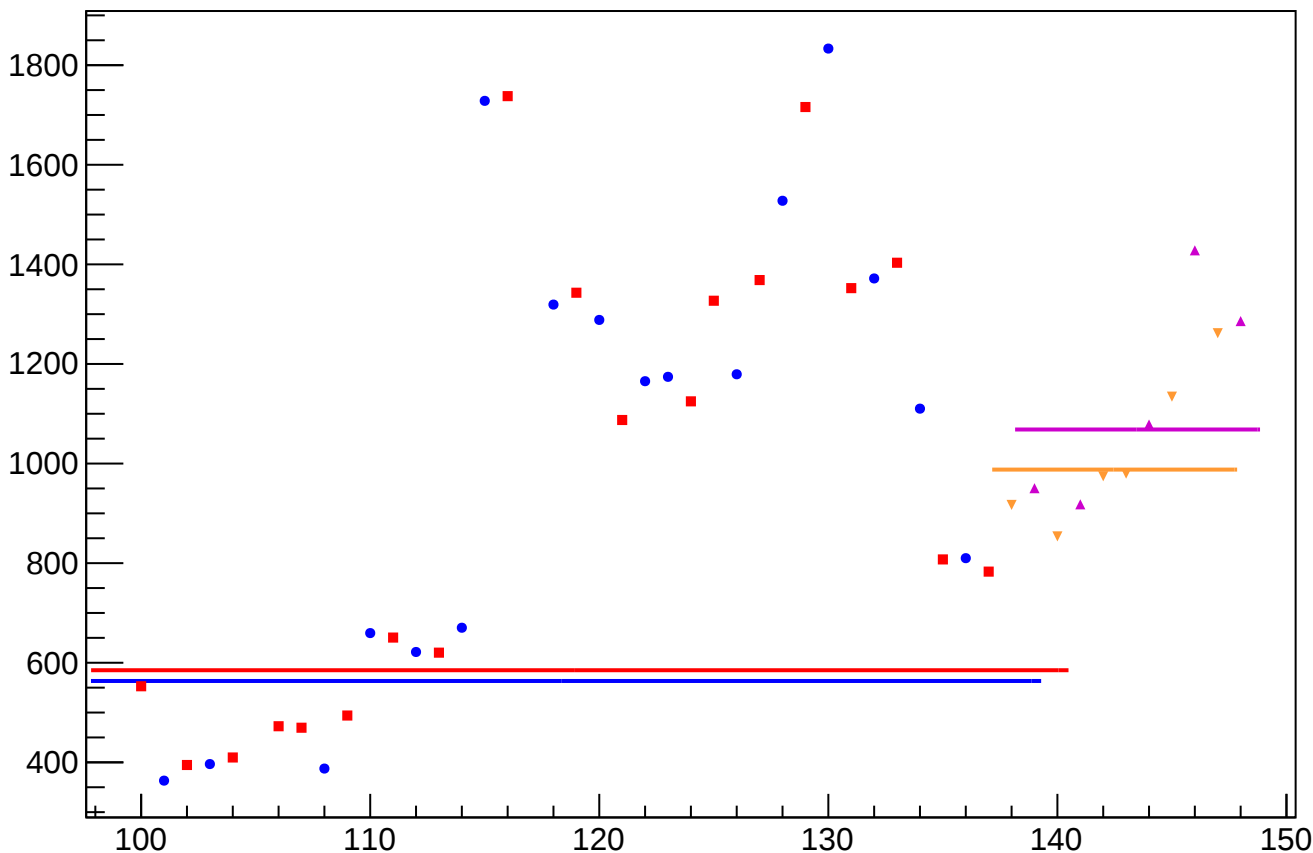
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -372.069 ± 226.753 $\chi^2/\text{NDF}: 20.4/21$

Out: -57.108 ± 219.126 $\chi^2/\text{NDF}: 30.4/24$

All: -209.202 ± 157.573 $\chi^2/\text{NDF}: 51.8/46$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 987.884+/-0.341 χ^2/NDF :146952.7/5

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1068.395+/-0.379 χ^2/NDF :217294.2/4

Left: 1023.955+/-0.253 χ^2/NDF : 389202.3/10

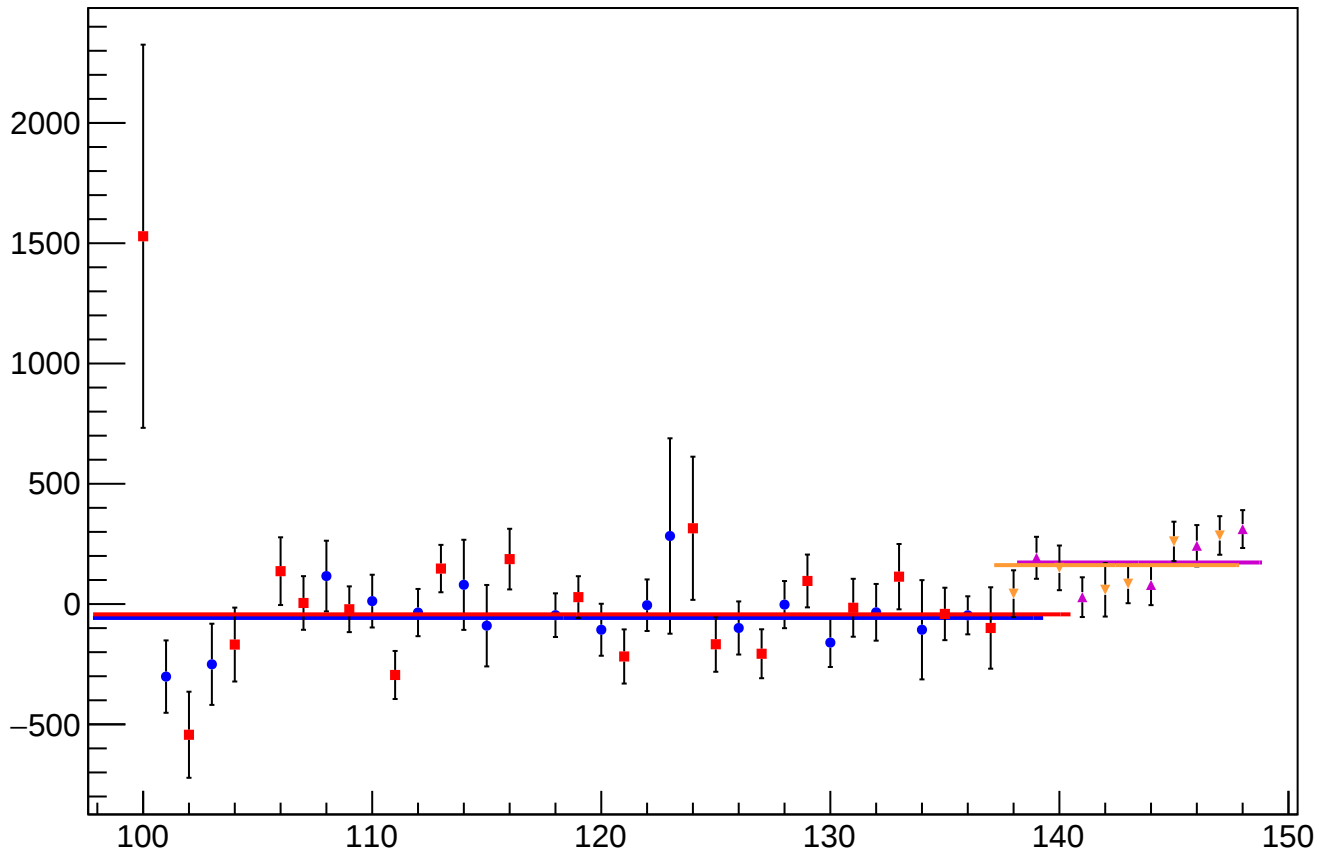
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 653.947+/-0.160 χ^2/NDF :4936154.7/21

Out: 668.102+/-0.155 χ^2/NDF :4072704.0/24

All: 661.267+/-0.111 χ^2/NDF : 9012889.4/46

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 161.826 ± 36.302 χ^2/NDF : 7.1/5

Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18

Left In: 172.835 ± 37.369 χ^2/NDF : 8.1/4

Left: 167.171 ± 26.038 χ^2/NDF : 15.2/10

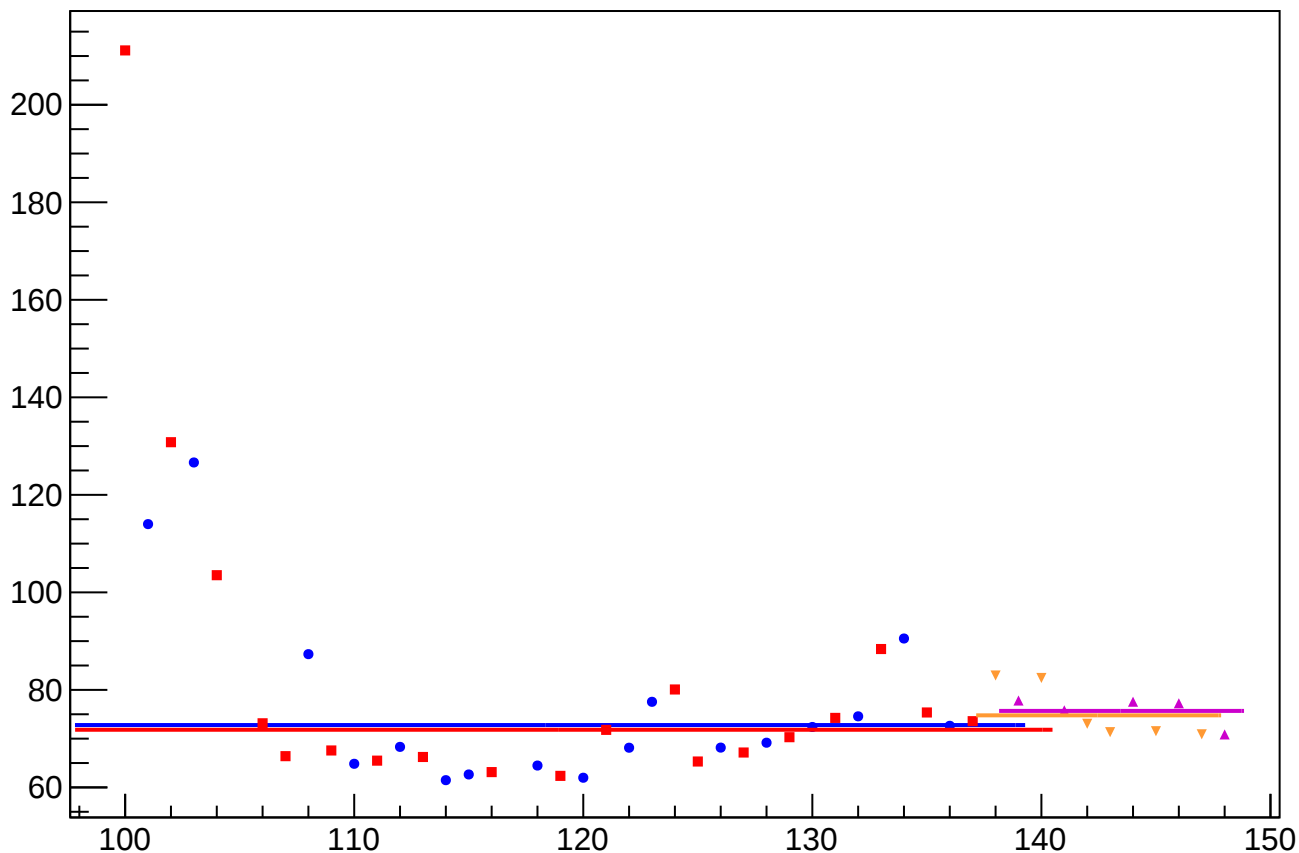
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: 27.801 ± 22.758 χ^2/NDF : 41.2/21

Out: 32.487 ± 22.018 χ^2/NDF : 66.2/24

All: 30.221 ± 15.824 χ^2/NDF : 107.4/46

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 74.781 $\pm$ 0.026 χ^2 /NDF:39735.5/5

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 75.689 $\pm$ 0.026 χ^2 /NDF:10371.7/4

Left: 75.222 $\pm$ 0.018 χ^2 /NDF: 50714.8/10

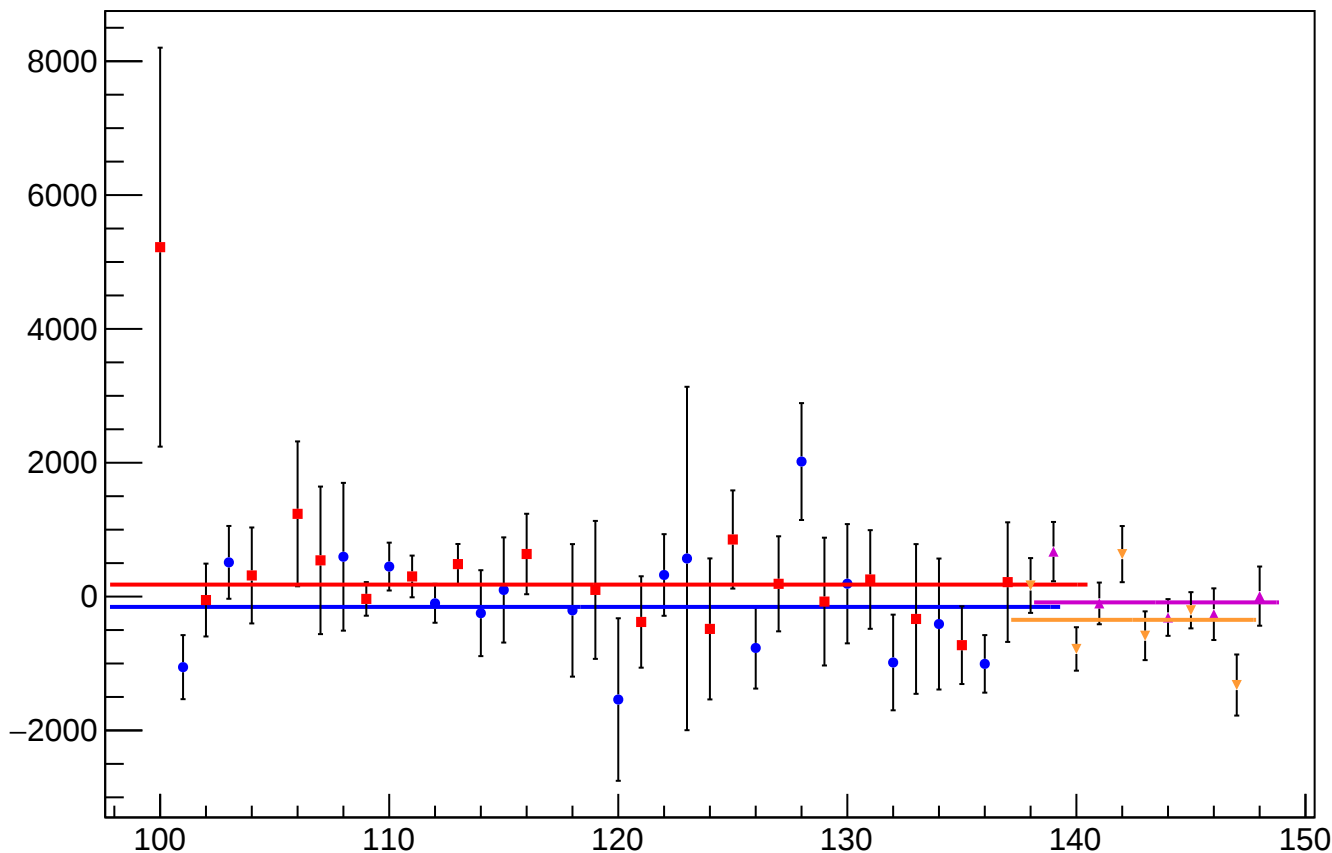
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 73.865 $\pm$ 0.016 χ^2 /NDF:482716.8/21

Out: 72.912 $\pm$ 0.016 χ^2 /NDF:513777.2/24

All: 73.373 $\pm$ 0.011 χ^2 /NDF: 998306.9/46

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2 /NDF: 23.2/16

Left Out: -347.471 $\pm$ 145.674 χ^2 /NDF:14.1/5

Right Out: 179.068 $\pm$ 126.107 χ^2 /NDF: 11.3/18

Left In: -86.686 $\pm$ 157.148 χ^2 /NDF:3.9/4

Left: -226.946 $\pm$ 106.833 χ^2 /NDF: 19.4/10

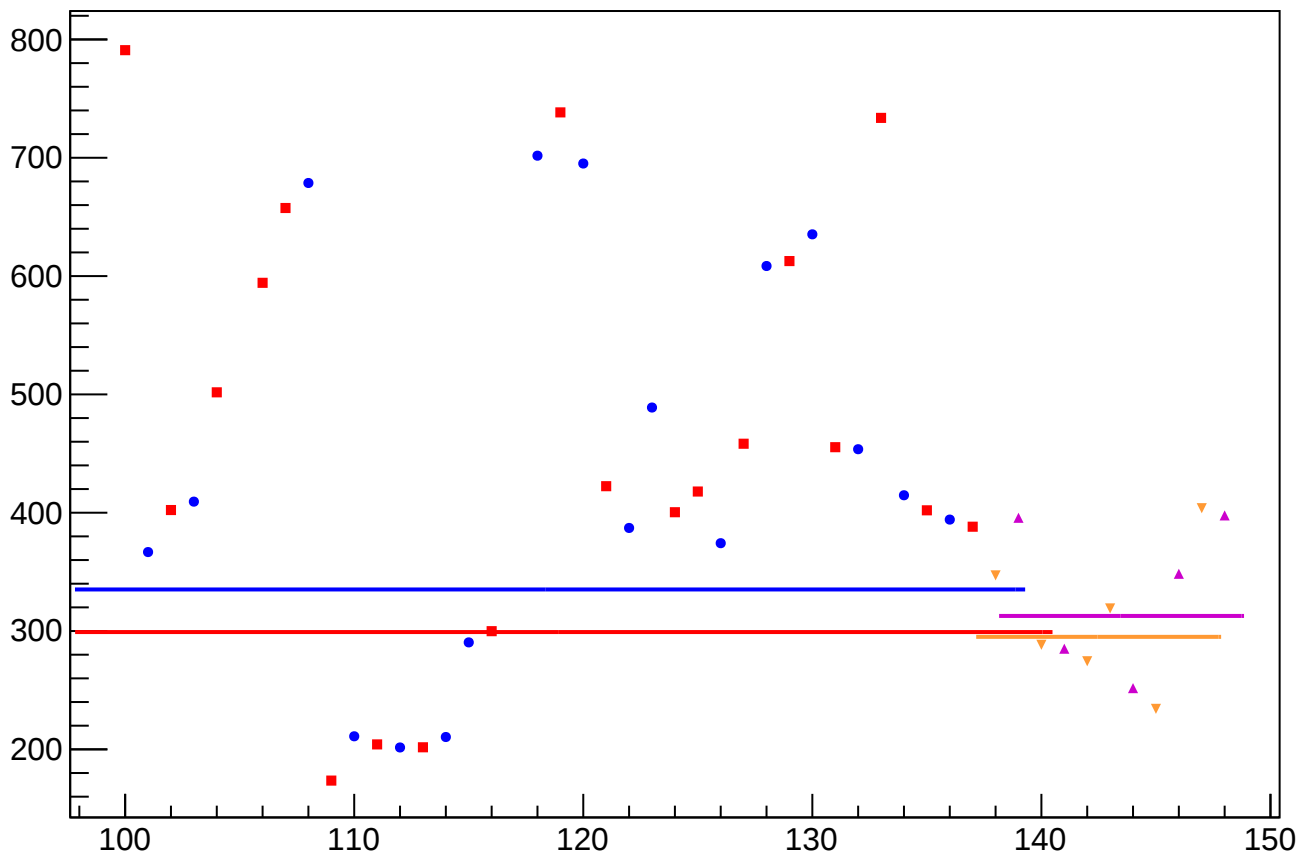
Right: 30.517 $\pm$ 93.908 χ^2 /NDF: 37.6/35

In: -124.273 $\pm$ 104.825 χ^2 /NDF:27.1/21

Out: -46.490 $\pm$ 95.344 χ^2 /NDF:32.8/24

All: -81.706 $\pm$ 70.533 χ^2 /NDF: 60.3/46

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 295.085+/-0.103 χ^2/NDF : 261243.2/5

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 312.759+/-0.111 χ^2/NDF : 275596.3/4

Left: 303.253+/-0.076 χ^2/NDF : 550445.6/10

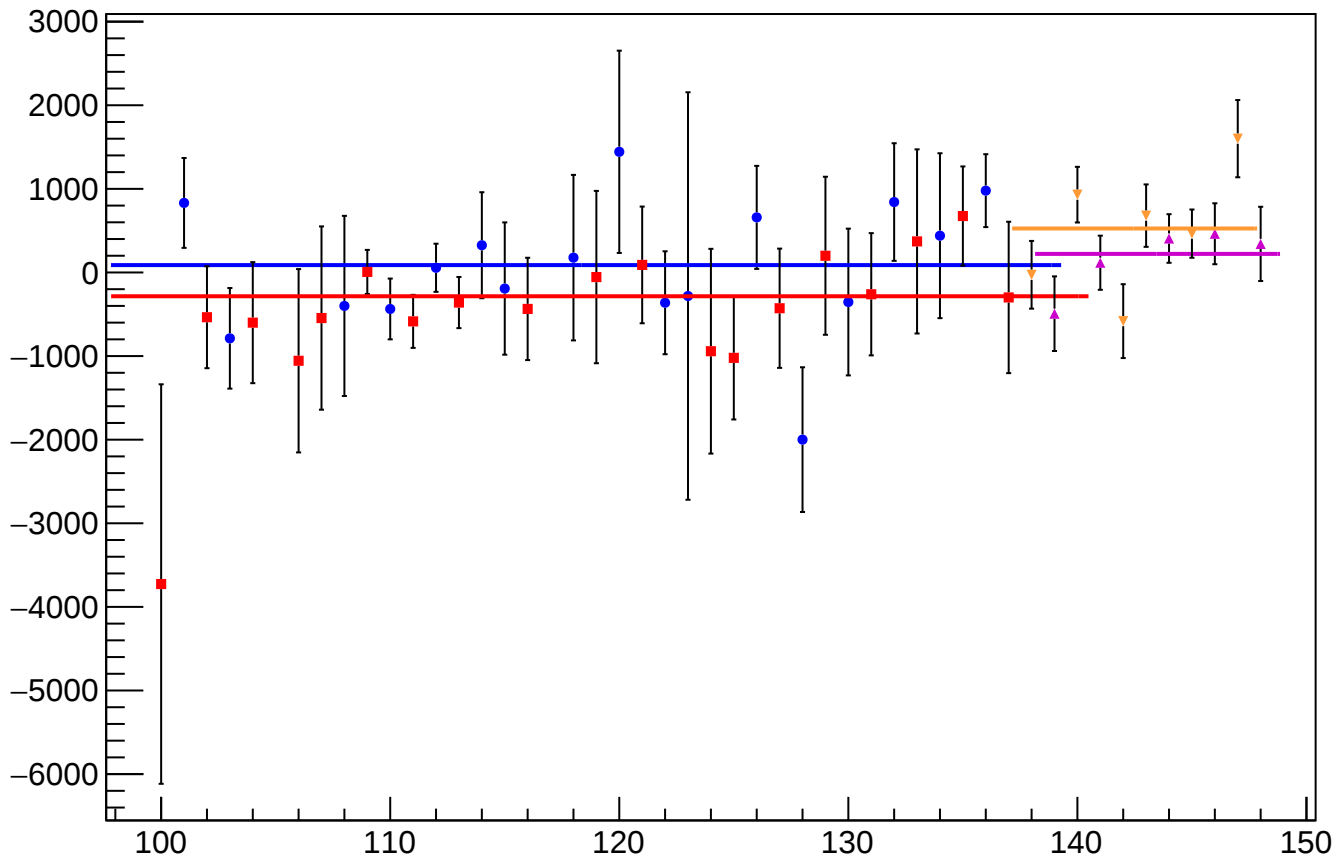
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 325.179+/-0.074 χ^2/NDF : 2292146.4/21

Out: 297.400+/-0.067 χ^2/NDF : 3093216.7/24

All: 309.977+/-0.050 χ^2/NDF : 5462224.3/46

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 526.047+/-150.519 χ^2/NDF : 15.3/5

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 222.128+/-160.122 χ^2/NDF : 3.6/4

Left: 383.474+/-109.671 χ^2/NDF : 20.8/10

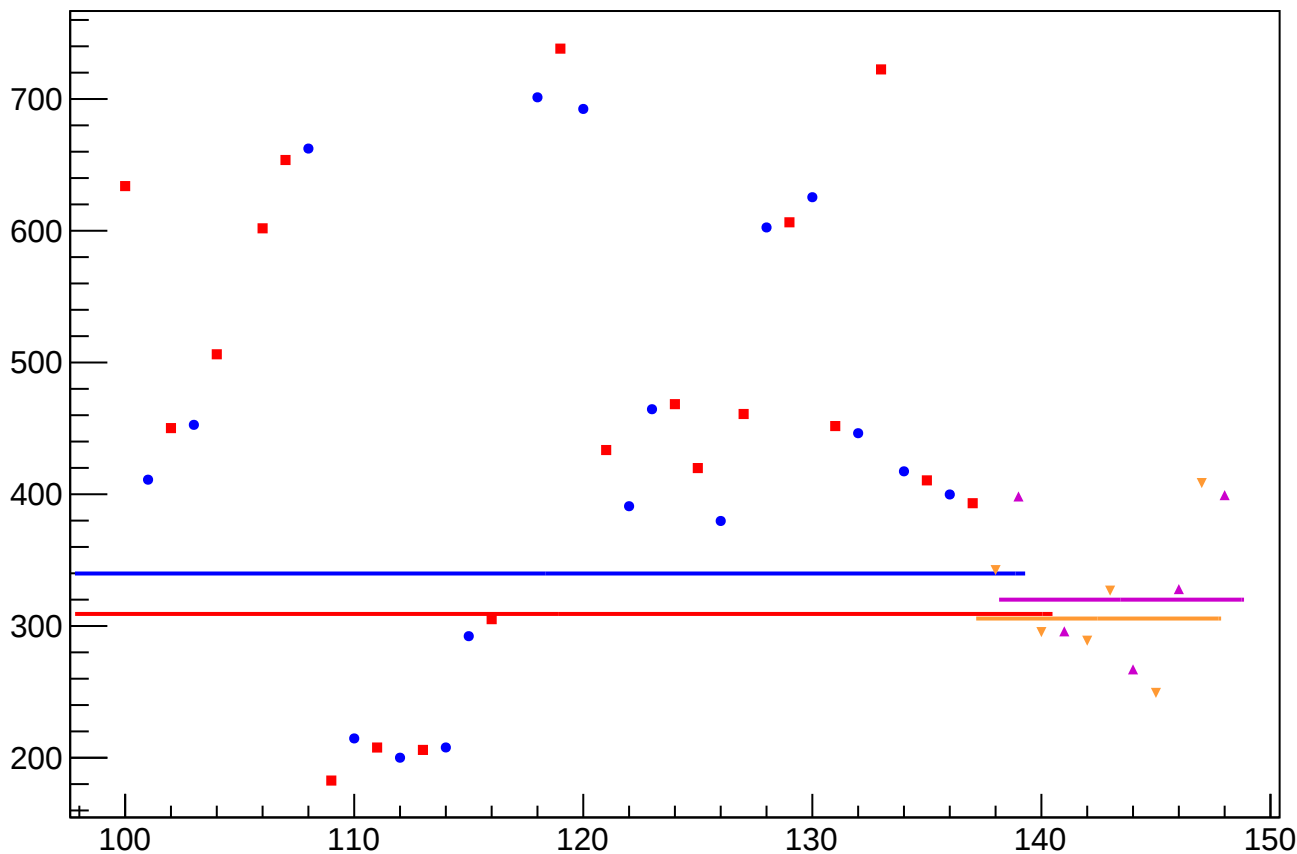
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 147.584+/-106.665 χ^2/NDF : 24.8/21

Out: 60.802+/-98.244 χ^2/NDF : 42.0/24

All: 100.632+/-72.263 χ^2/NDF : 67.2/46

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 305.667 $\pm$ 0.106 χ^2 /NDF:203459.5/5

Right Out: 309.158 $\pm$ 0.092 χ^2 /NDF: 2735887.4/18

Left In: 319.999 $\pm$ 0.113 χ^2 /NDF:203710.1/4

Left: 312.390 $\pm$ 0.078 χ^2 /NDF: 415675.9/10

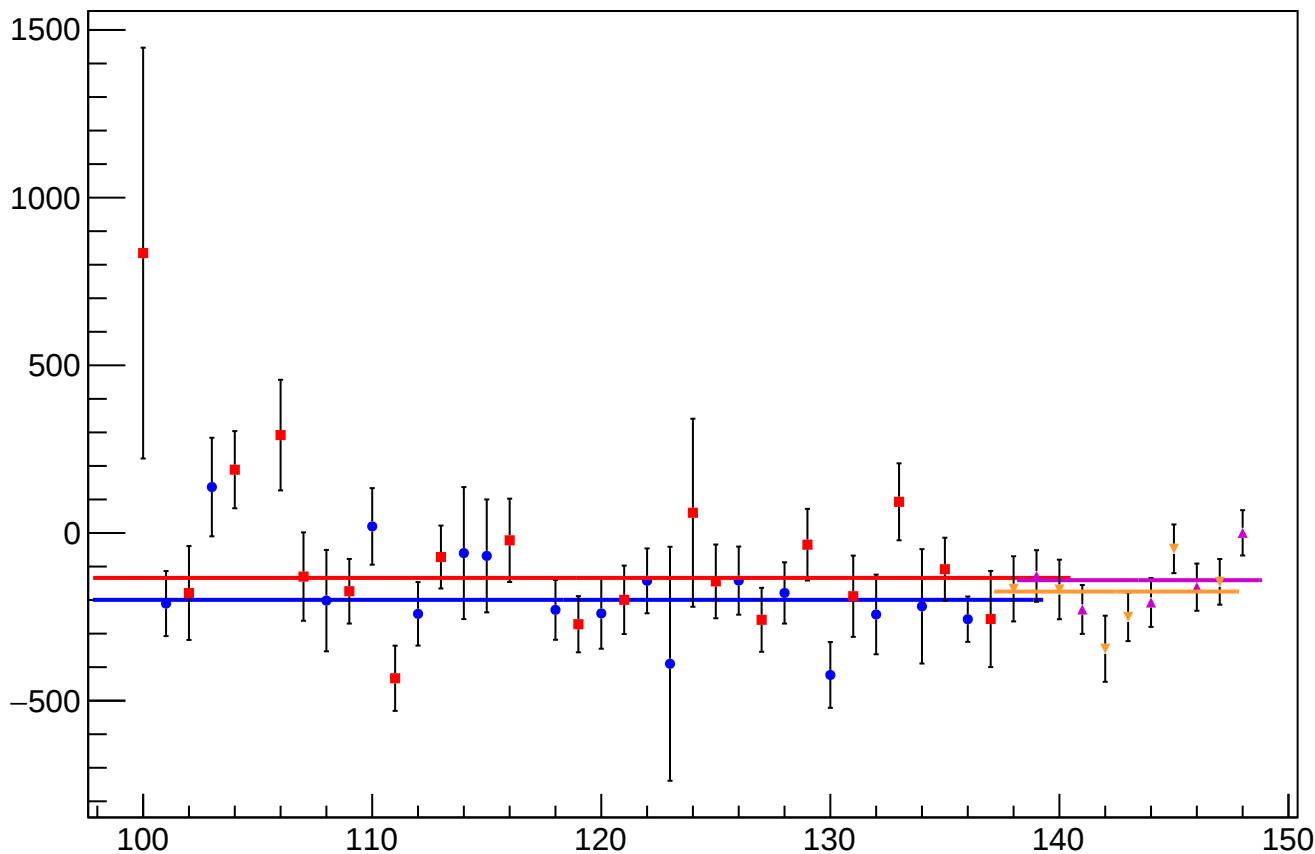
Right: 323.006 $\pm$ 0.068 χ^2 /NDF: 4829958.1/35

In: 331.041 $\pm$ 0.075 χ^2 /NDF:2264331.1/21

Out: 307.671 $\pm$ 0.069 χ^2 /NDF:2939964.7/24

All: 318.397 $\pm$ 0.051 χ^2 /NDF: 5256237.4/46

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -174.561 ± 32.738 $\chi^2/\text{NDF}: 7.4/5$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -140.729 ± 32.145 $\chi^2/\text{NDF}: 6.8/4$

Left: -157.336 ± 22.937 $\chi^2/\text{NDF}: 14.7/10$

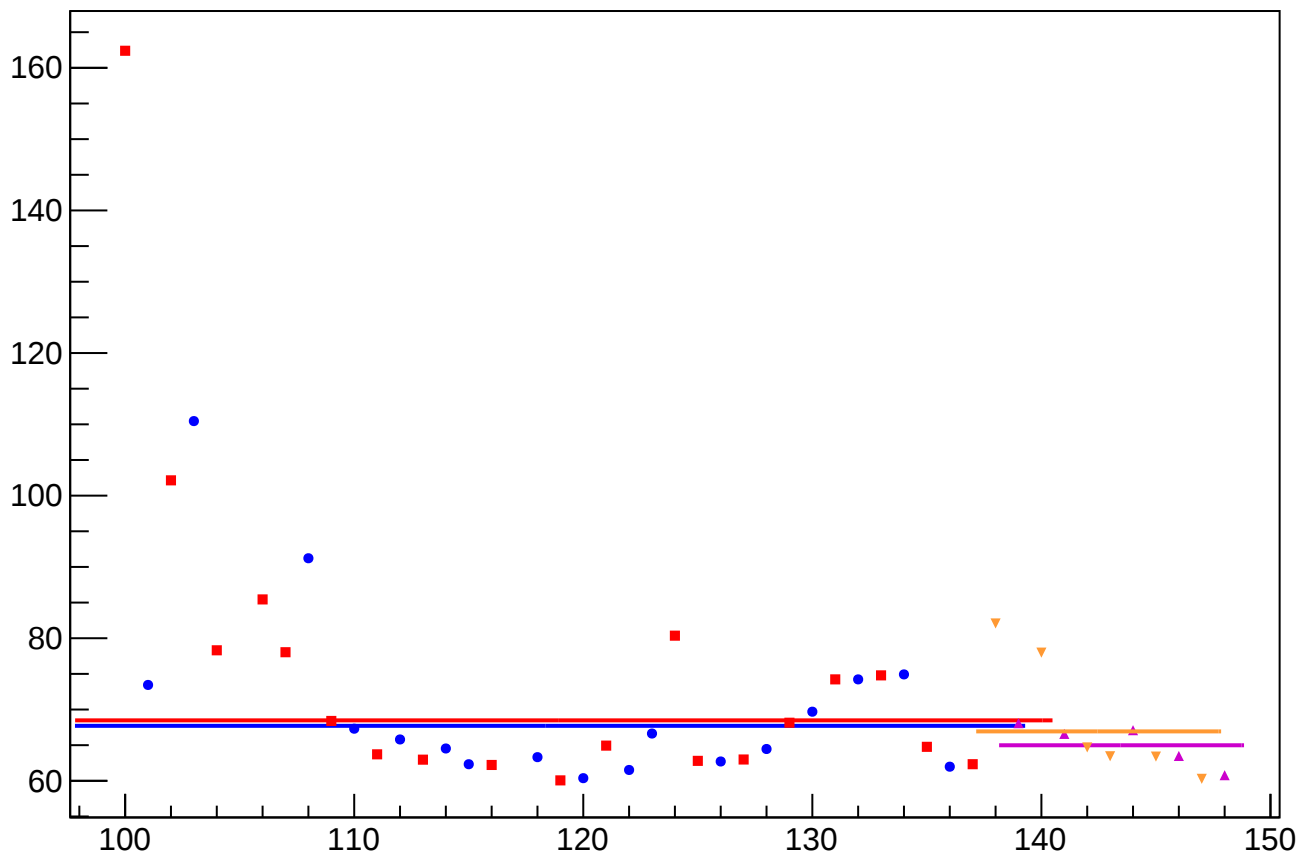
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -175.556 ± 20.454 $\chi^2/\text{NDF}: 26.3/21$

Out: -149.761 ± 20.469 $\chi^2/\text{NDF}: 47.5/24$

All: -162.668 ± 14.469 $\chi^2/\text{NDF}: 74.6/46$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 66.933 $\pm$ 0.023 χ^2 /NDF: 109083.6/5

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 64.988 $\pm$ 0.023 χ^2 /NDF: 14532.5/4

Left: 65.943 $\pm$ 0.016 χ^2 /NDF: 127213.3/10

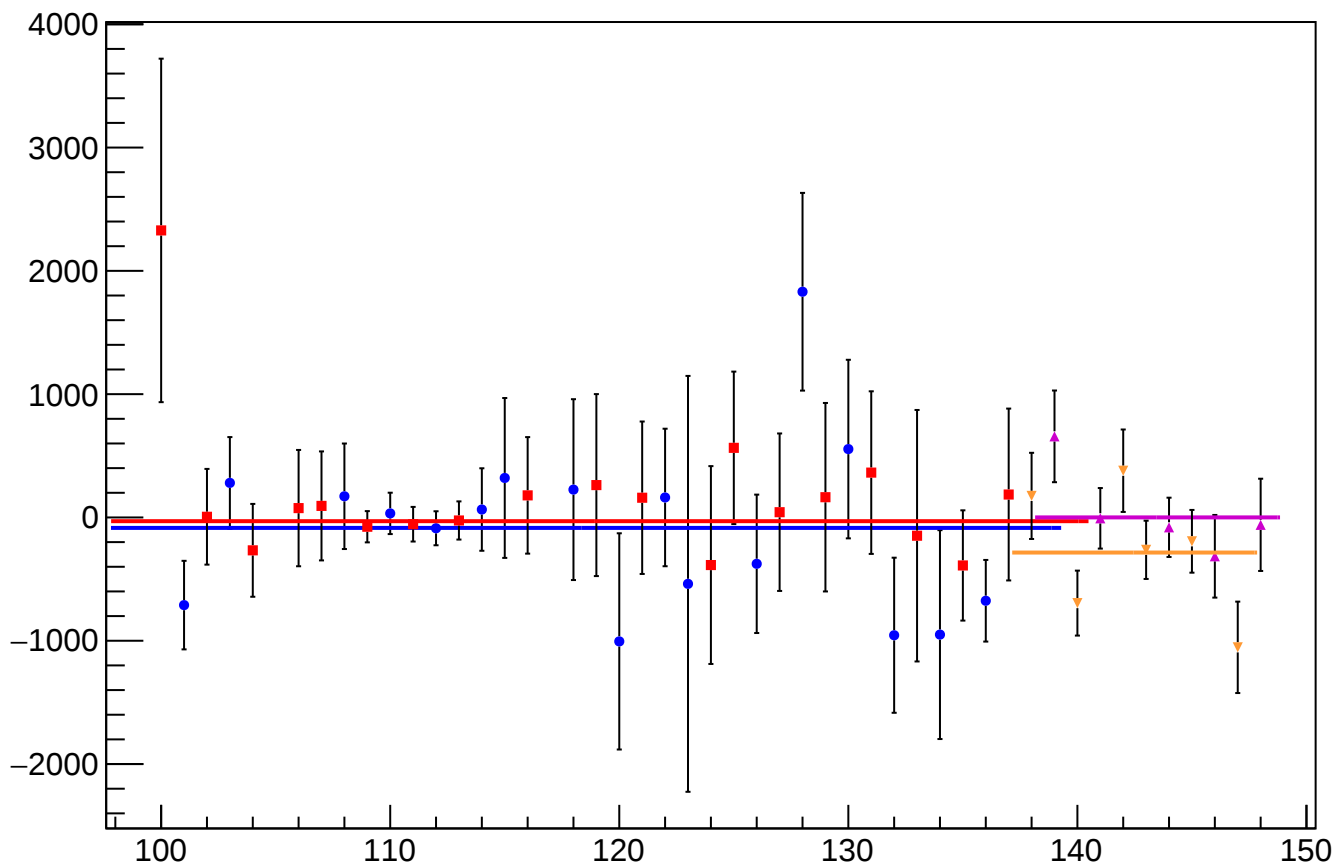
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 66.611 $\pm$ 0.014 χ^2 /NDF: 305995.3/21

Out: 67.876 $\pm$ 0.014 χ^2 /NDF: 393228.7/24

All: 67.243 $\pm$ 0.010 χ^2 /NDF: 703046.7/46

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -284.614 ± 117.696 $\chi^2/\text{NDF}: 12.5/5$

Right Out: -30.219 ± 69.663 $\chi^2/\text{NDF}: 6.3/18$

Left In: 0.407 ± 132.264 $\chi^2/\text{NDF}: 4.1/4$

Left: -158.659 ± 87.925 $\chi^2/\text{NDF}: 19.3/10$

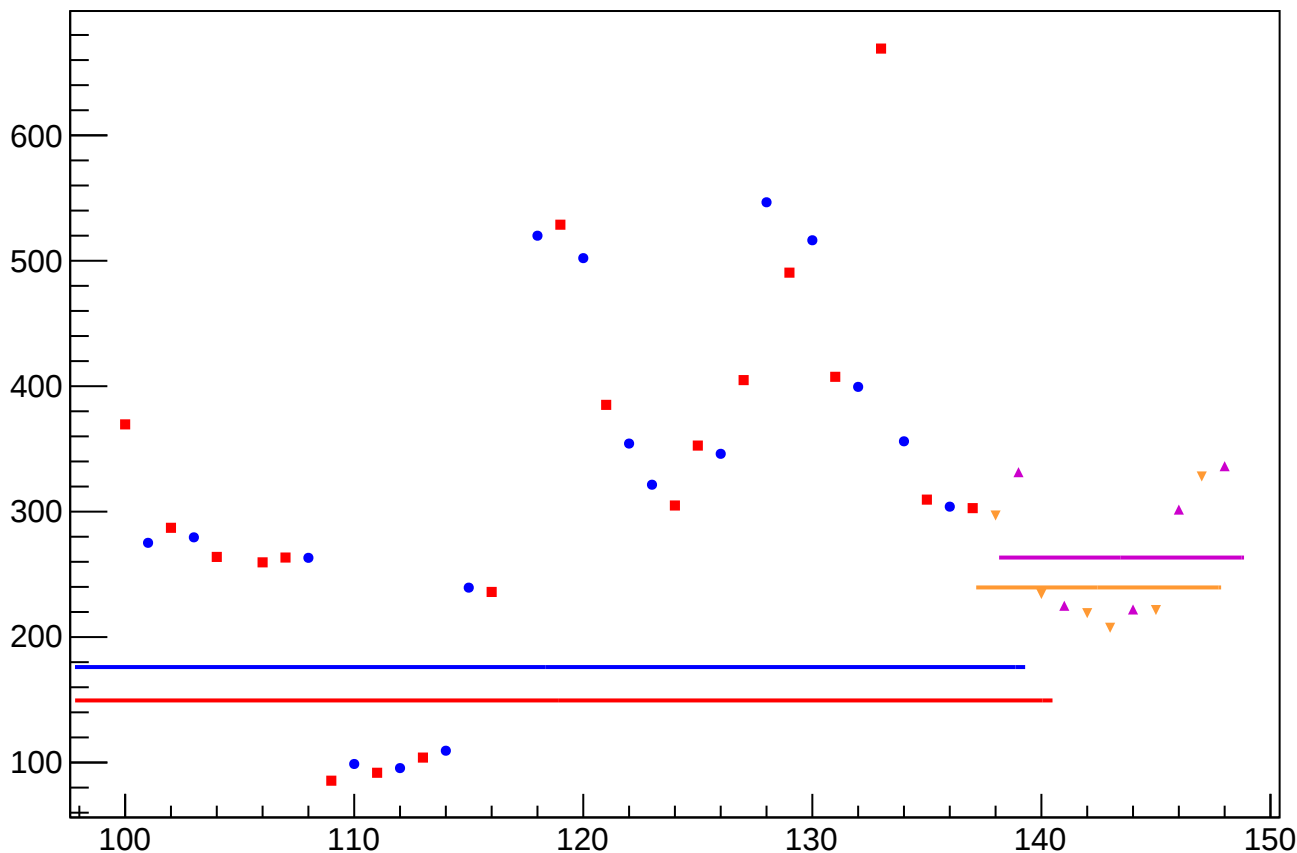
Right: -52.867 ± 53.271 $\chi^2/\text{NDF}: 26.5/35$

In: -60.835 ± 70.101 $\chi^2/\text{NDF}: 24.3/21$

Out: -96.219 ± 59.949 $\chi^2/\text{NDF}: 22.3/24$

All: -81.273 ± 45.561 $\chi^2/\text{NDF}: 46.8/46$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 239.566 $\pm$ 0.083 χ^2/NDF :223098.7/5

Right Out: 149.484 $\pm$ 0.049 χ^2/NDF : 4820971.0/18

Left In: 263.393 $\pm$ 0.094 χ^2/NDF :277088.4/4

Left: 250.095 $\pm$ 0.062 χ^2/NDF : 536410.8/10

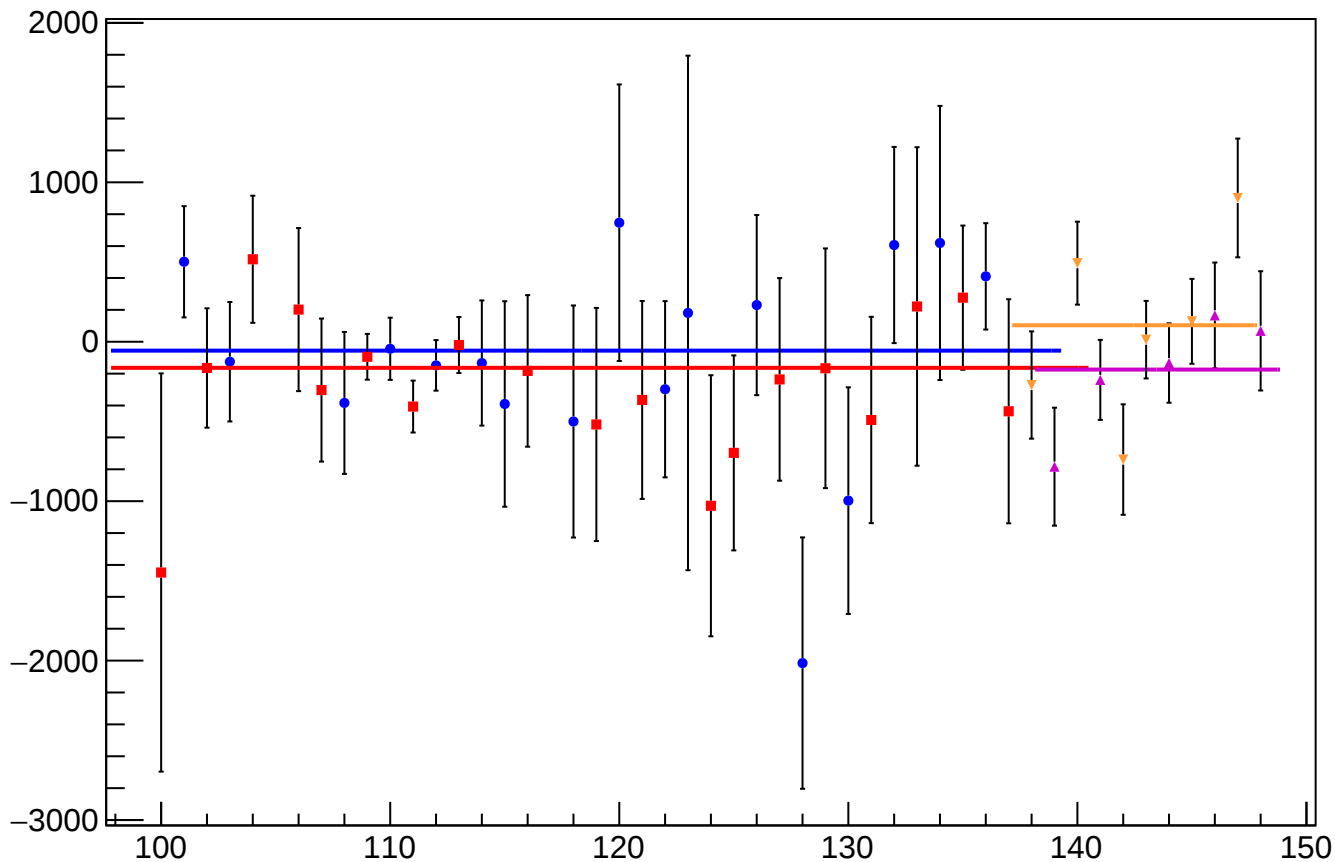
Right: 160.534 $\pm$ 0.038 χ^2/NDF : 9165825.3/35

In: 200.619 $\pm$ 0.050 χ^2/NDF :5127242.0/21

Out: 172.854 $\pm$ 0.042 χ^2/NDF :5911712.9/24

All: 184.582 $\pm$ 0.032 χ^2/NDF : 11220162.0/46

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 103.495 ± 119.383 $\chi^2/\text{NDF}: 14.1/5$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -174.480 ± 134.199 $\chi^2/\text{NDF}: 4.3/4$

Left: -19.307 ± 89.197 $\chi^2/\text{NDF}: 20.8/10$

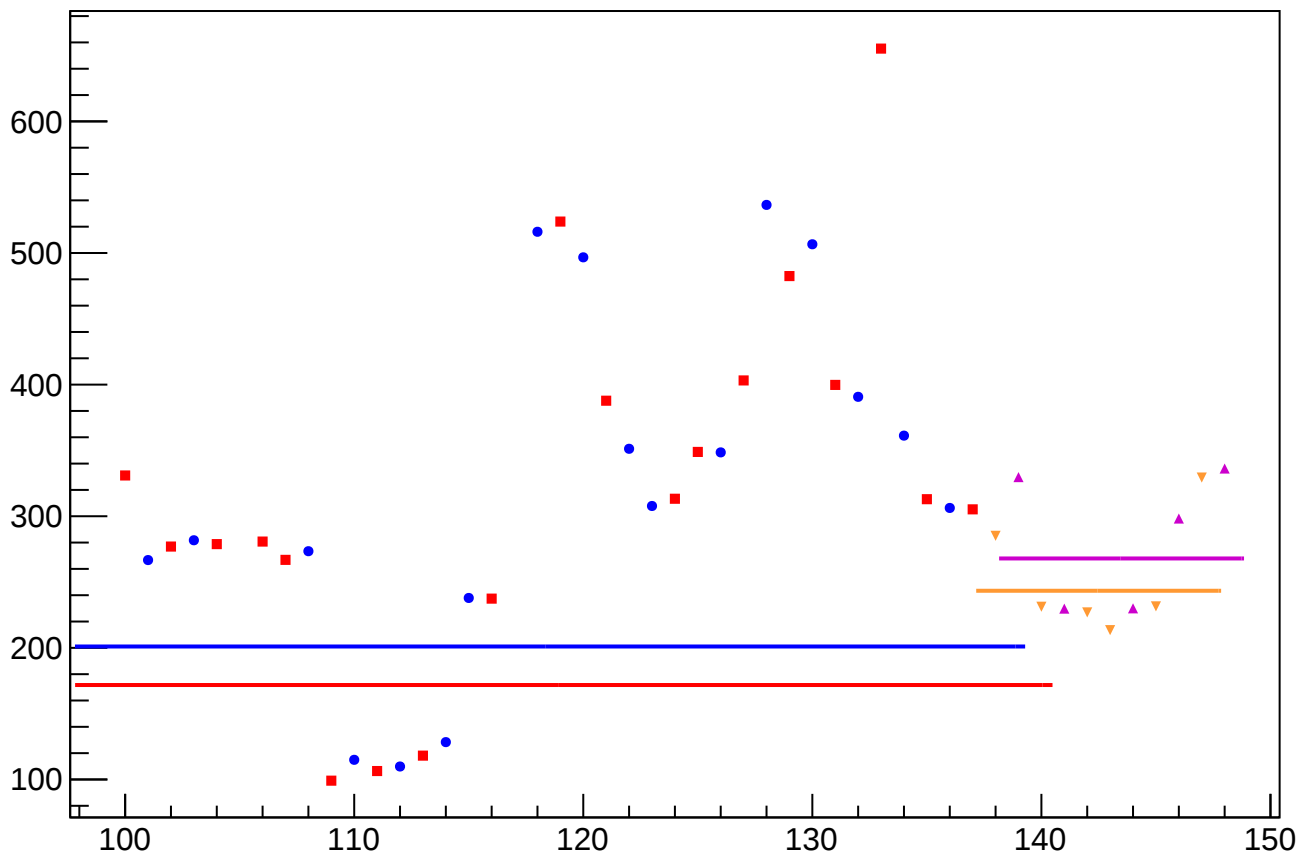
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -92.889 ± 75.074 $\chi^2/\text{NDF}: 22.0/21$

Out: -85.213 ± 64.664 $\chi^2/\text{NDF}: 29.1/24$

All: -88.482 ± 48.995 $\chi^2/\text{NDF}: 51.1/46$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 243.379 $\pm$ 0.084 χ^2/NDF :180657.0/5

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 267.917 $\pm$ 0.095 χ^2/NDF :231673.0/4

Left: 254.219 $\pm$ 0.063 χ^2/NDF : 449657.7/10

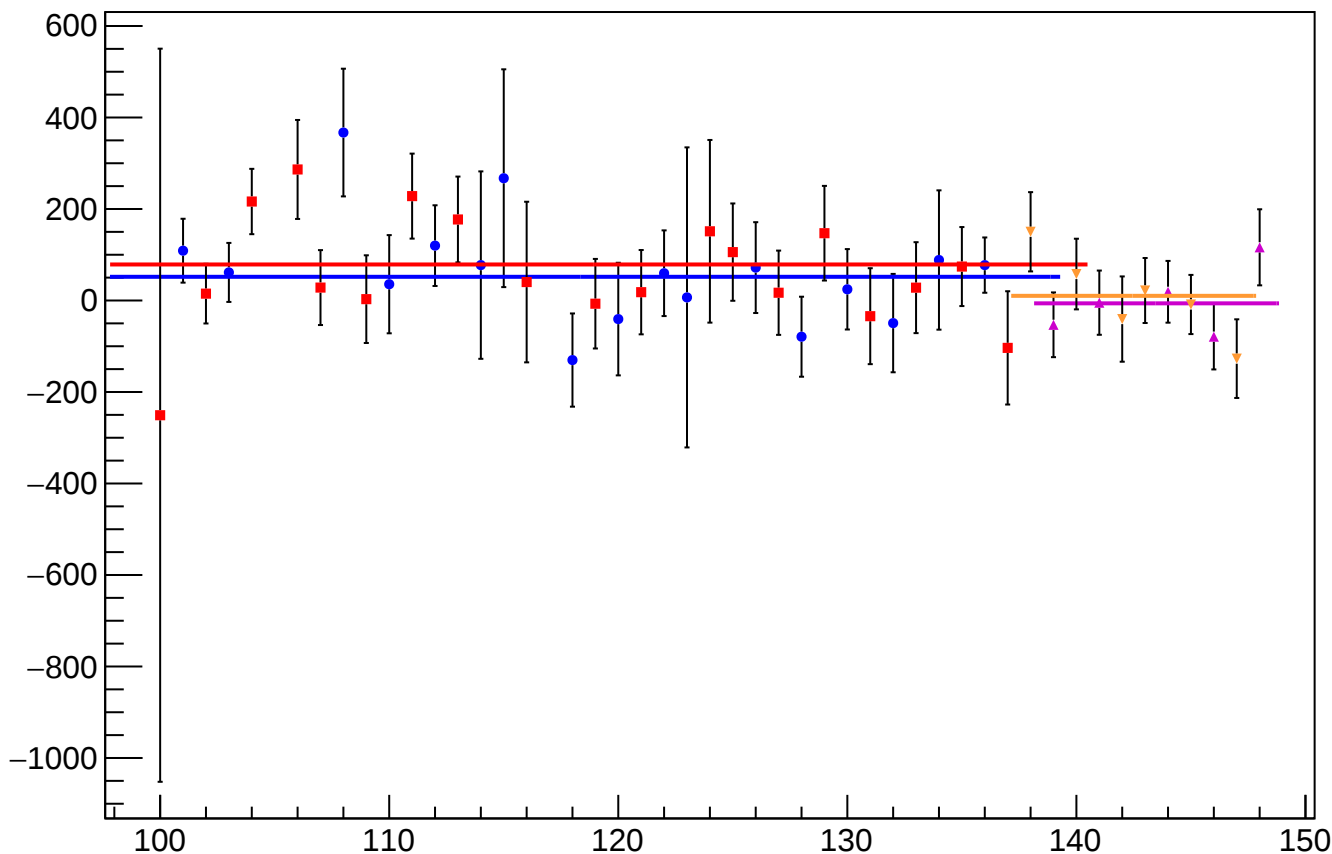
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 221.967 $\pm$ 0.053 χ^2/NDF :4005989.0/21

Out: 192.776 $\pm$ 0.046 χ^2/NDF :4787408.8/24

All: 205.209 $\pm$ 0.035 χ^2/NDF : 8966990.3/46

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799+/-23.538 χ^2/NDF : 14.5/16

Left Out: 10.204+/-31.805 χ^2/NDF : 6.0/5

Right Out: 78.749+/-22.490 χ^2/NDF : 19.1/18

Left In: -6.213+/-32.246 χ^2/NDF : 3.8/4

Left: 2.109+/-22.644 χ^2/NDF : 9.9/10

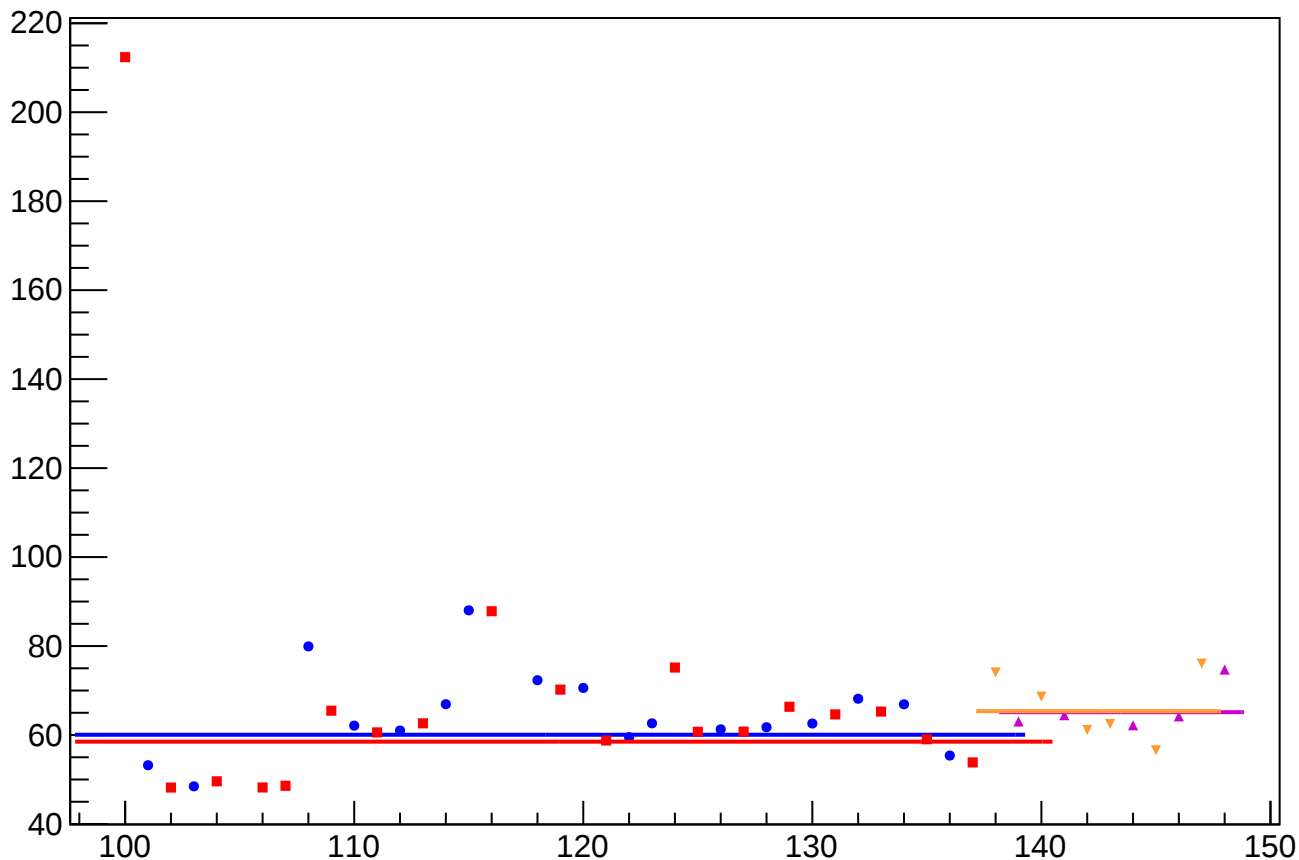
Right: 65.887+/-16.261 χ^2/NDF : 34.4/35

In: 31.633+/-19.012 χ^2/NDF : 20.4/21

Out: 55.899+/-18.363 χ^2/NDF : 28.2/24

All: 44.187+/-13.208 χ^2/NDF : 49.5/46

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: 65.356 $\pm$ 0.022 χ^2 /NDF: 99192.9/5

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 65.135 $\pm$ 0.023 χ^2 /NDF: 32644.7/4

Left: 65.247 $\pm$ 0.016 χ^2 /NDF: 131885.3/10

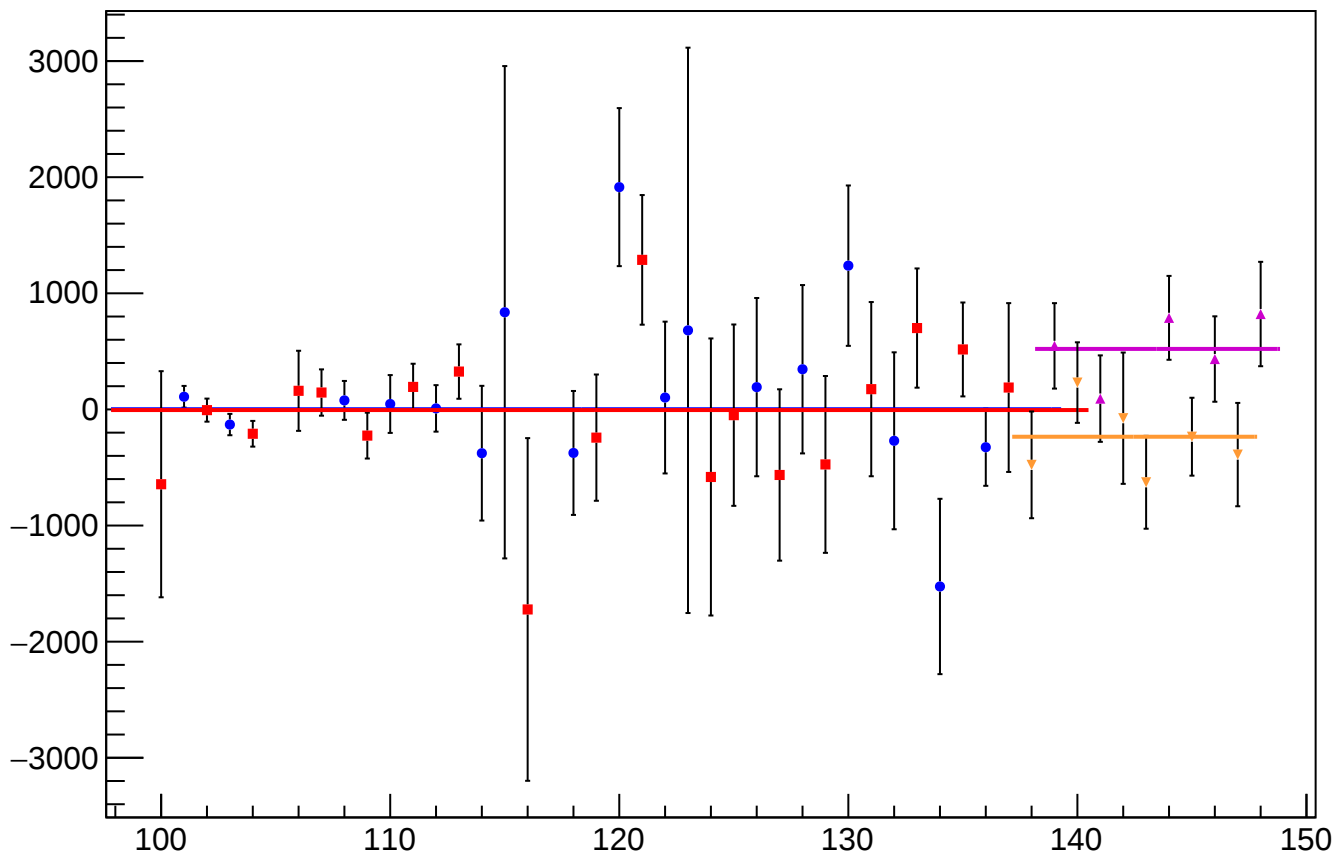
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 61.828 $\pm$ 0.013 χ^2 /NDF: 293994.2/21

Out: 60.791 $\pm$ 0.013 χ^2 /NDF: 509823.7/24

All: 61.291 $\pm$ 0.009 χ^2 /NDF: 806894.2/46

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -235.234 ± 165.818 χ^2/NDF : 3.2/5

Right Out: -5.402 ± 56.516 χ^2/NDF : 20.7/18

Left In: 521.087 ± 169.987 χ^2/NDF : 2.4/4

Left: 133.538 ± 118.698 χ^2/NDF : 15.8/10

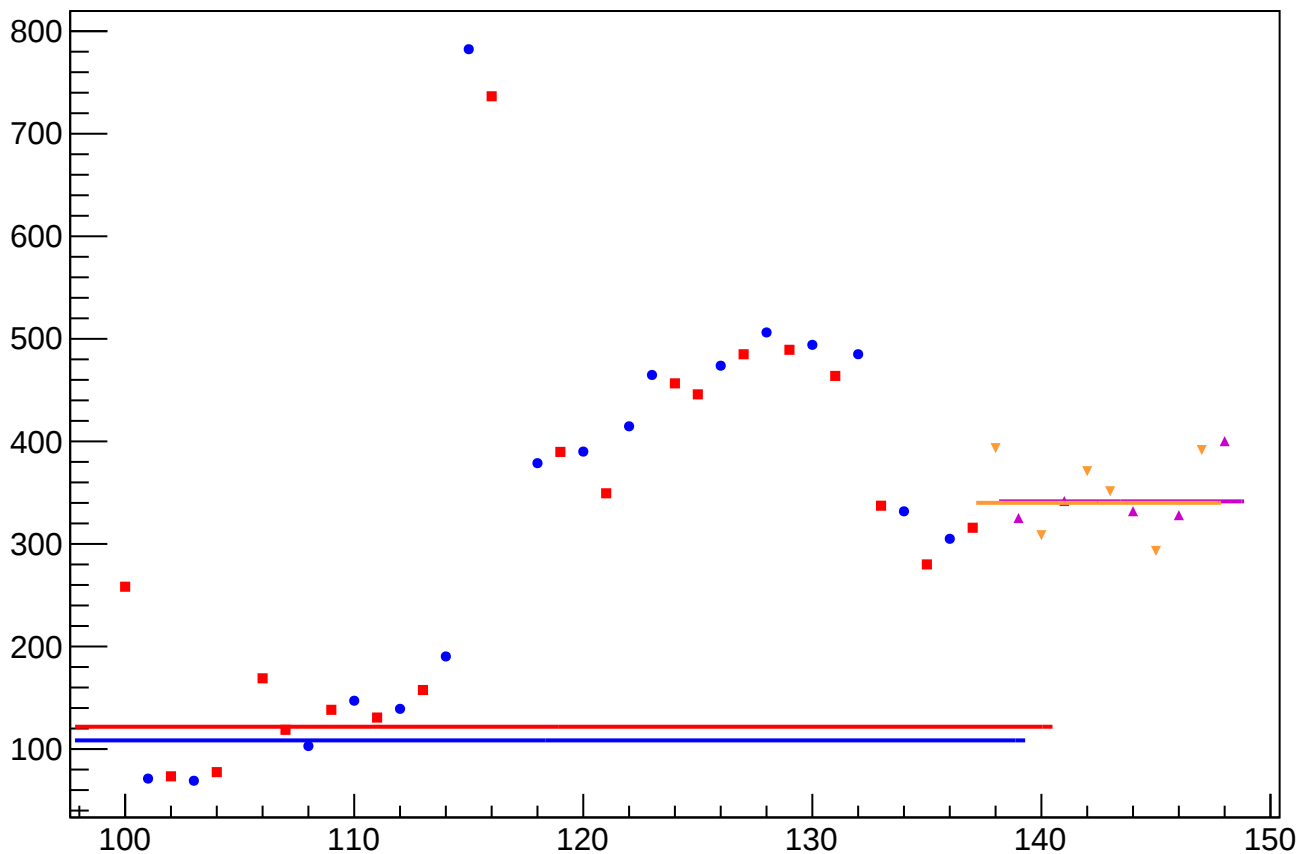
Right: -1.770 ± 39.150 χ^2/NDF : 42.1/35

In: 49.657 ± 51.711 χ^2/NDF : 32.2/21

Out: -29.322 ± 53.494 χ^2/NDF : 25.6/24

All: 11.506 ± 37.180 χ^2/NDF : 59.0/46

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: 340.087 $\pm$ 0.117 χ^2 /NDF: 116959.1/5

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 341.522 $\pm$ 0.120 χ^2 /NDF: 42103.2/4

Left: 340.787 $\pm$ 0.084 χ^2 /NDF: 159135.5/10

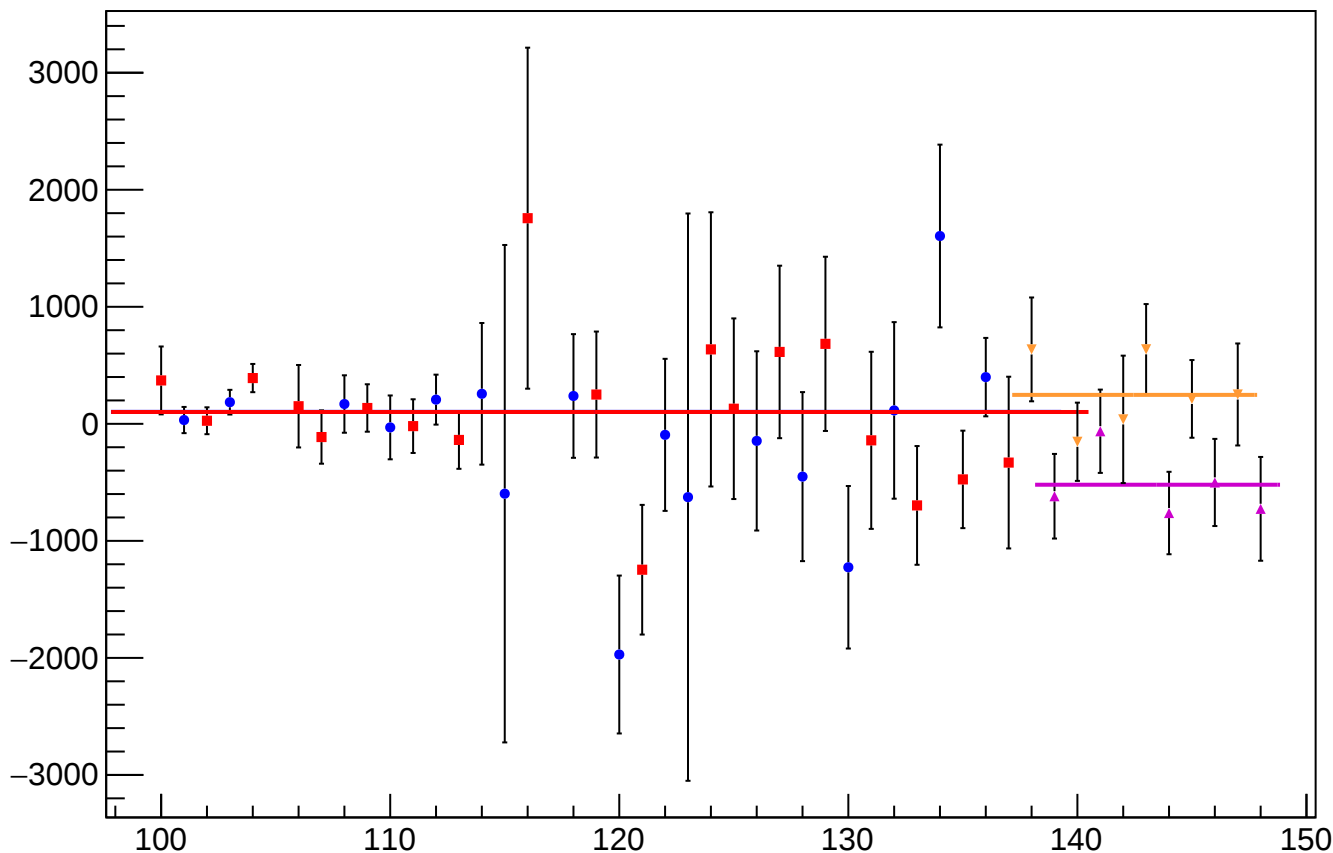
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 130.014 $\pm$ 0.037 χ^2 /NDF: 8858338.1/21

Out: 144.487 $\pm$ 0.038 χ^2 /NDF: 7994203.5/24

All: 137.005 $\pm$ 0.026 χ^2 /NDF: 16928214.0/46

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 ± 63.127 χ^2/NDF : 20.3/16

Left Out: 247.367 ± 161.270 χ^2/NDF : 3.4/5

Right Out: 101.249 ± 60.846 χ^2/NDF : 22.6/18

Left In: -520.331 ± 166.882 χ^2/NDF : 2.4/4

Left: -123.356 ± 115.968 χ^2/NDF : 16.7/10

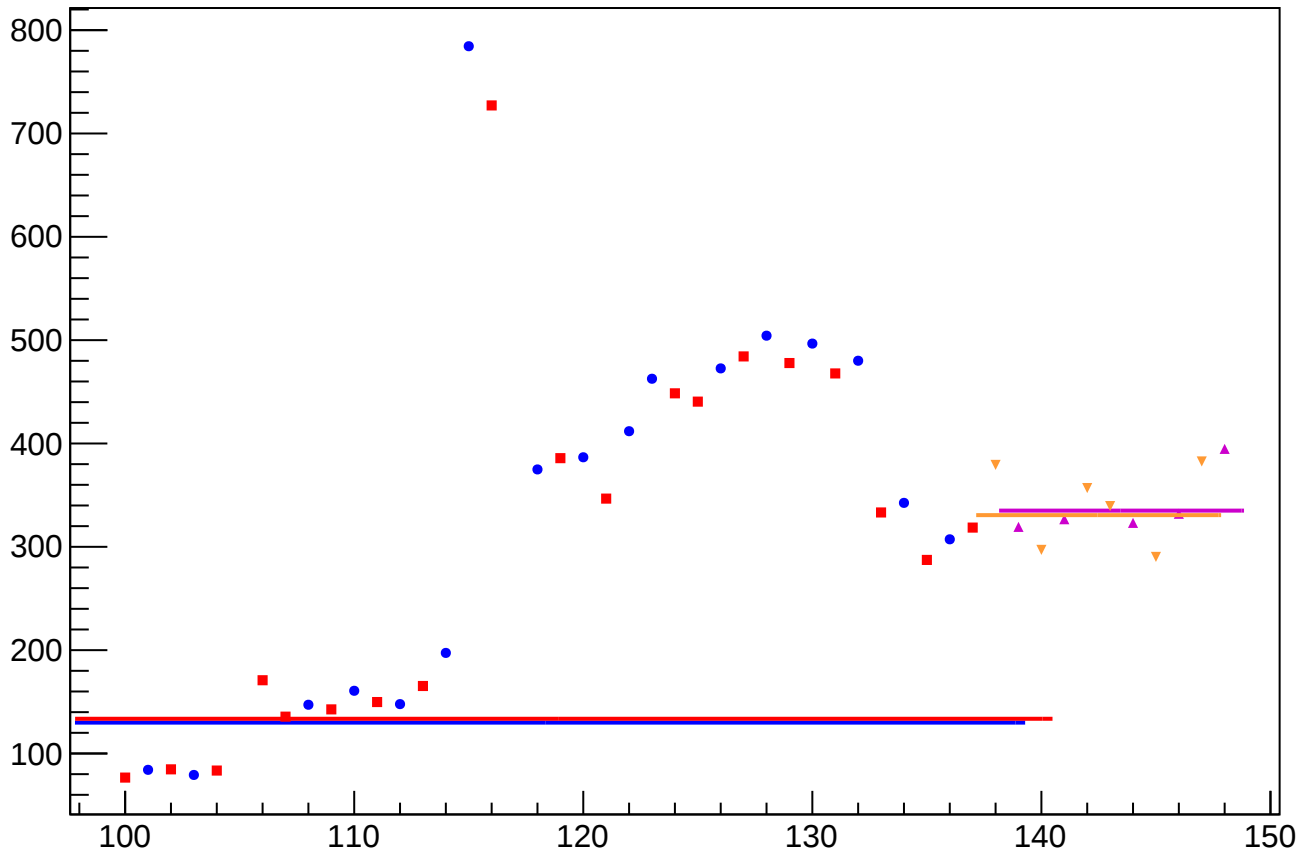
Right: 101.717 ± 43.809 χ^2/NDF : 42.9/35

In: 24.290 ± 59.044 χ^2/NDF : 34.8/21

Out: 119.456 ± 56.929 χ^2/NDF : 26.7/24

All: 73.609 ± 40.982 χ^2/NDF : 62.9/46

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 330.667+/-0.114 χ^2/NDF : 107998.8/5

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 335.043+/-0.118 χ^2/NDF : 43587.3/4

Left: 332.780+/-0.082 χ^2/NDF : 152297.3/10

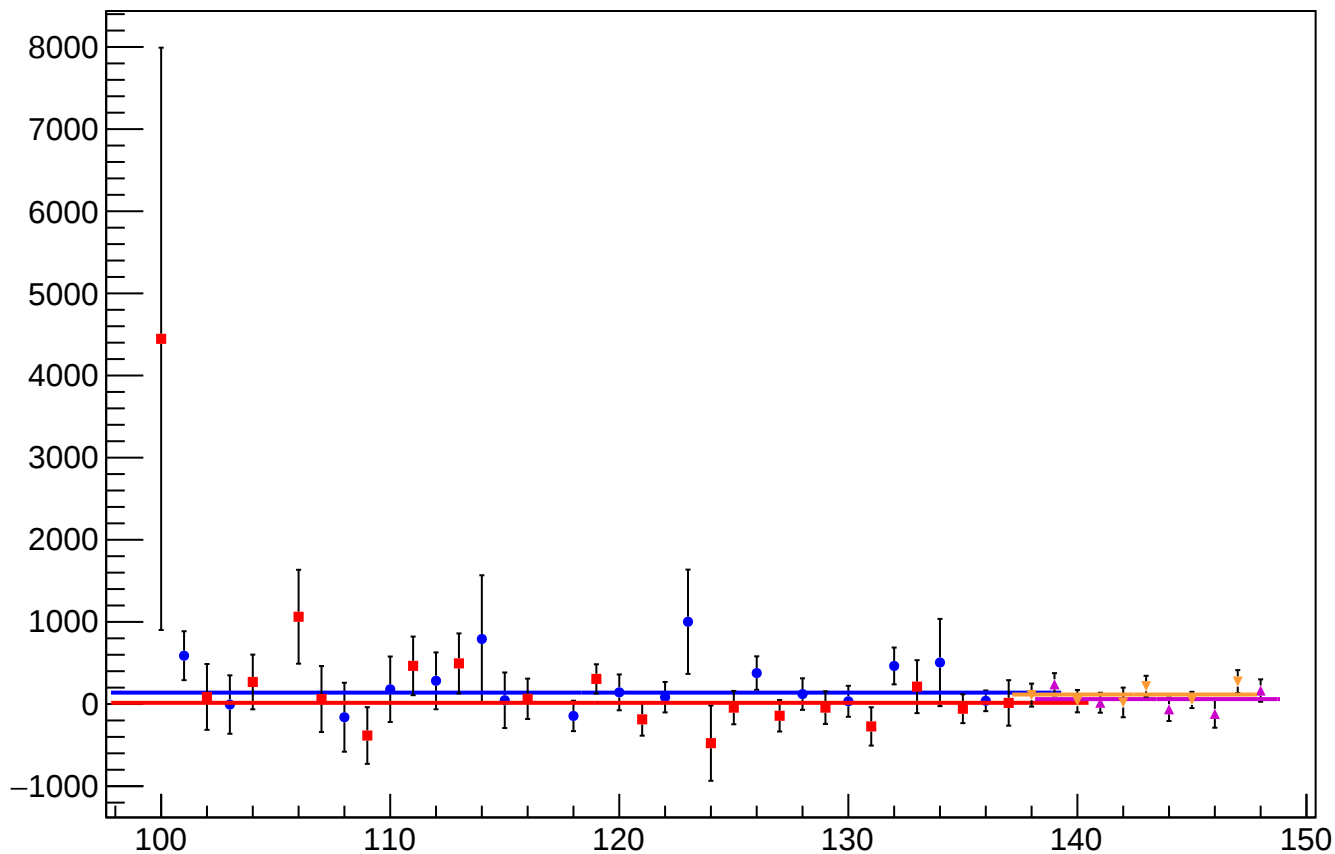
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 155.566+/-0.042 χ^2/NDF : 7517401.5/21

Out: 158.160+/-0.040 χ^2/NDF : 7085530.6/24

All: 156.910+/-0.029 χ^2/NDF : 14604933.8/46

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: 116.004 $\pm$ 53.320 χ^2 /NDF:3.0/5

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 60.136 $\pm$ 62.017 χ^2 /NDF:4.4/4

Left: 92.259 $\pm$ 40.431 χ^2 /NDF: 7.8/10

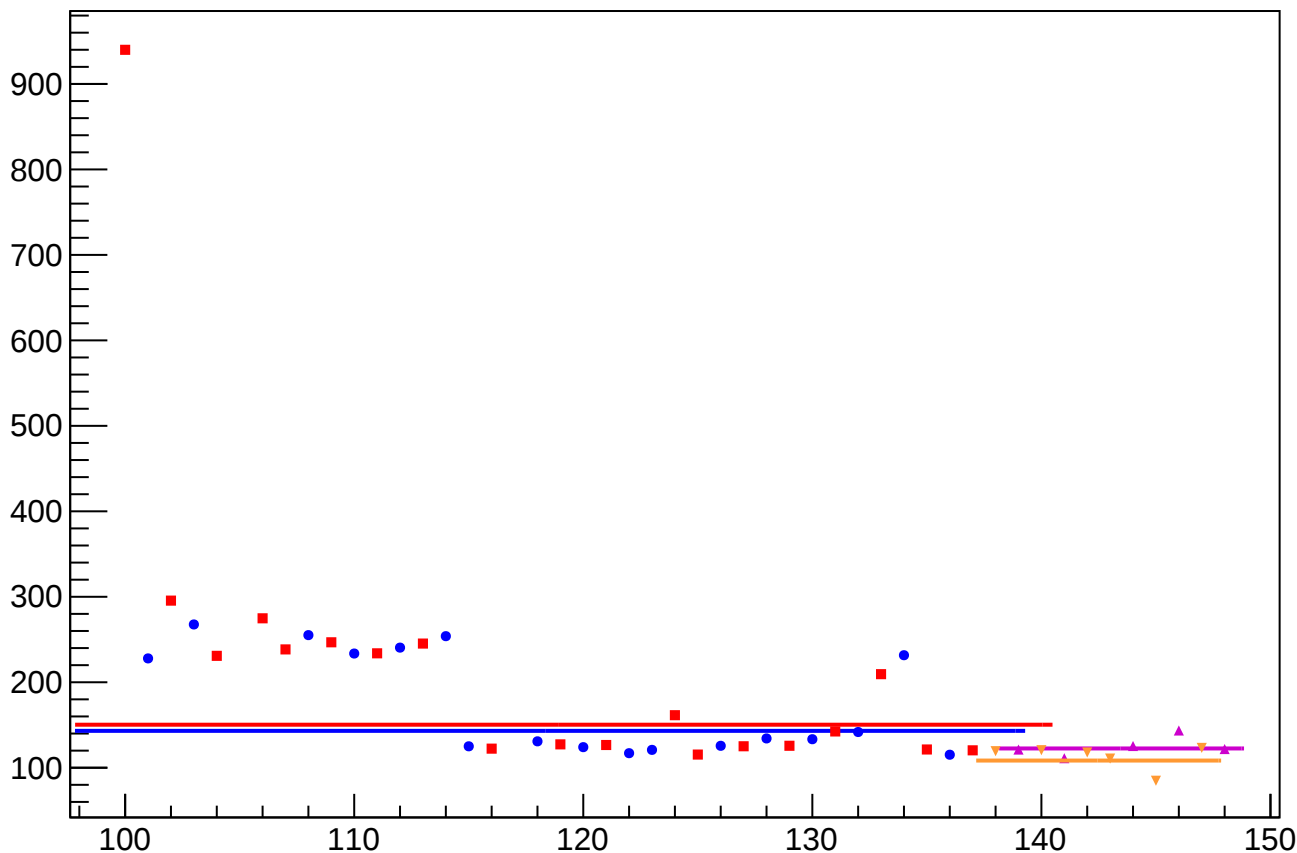
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 102.267 $\pm$ 42.354 χ^2 /NDF:18.3/21

Out: 71.495 $\pm$ 39.891 χ^2 /NDF:22.6/24

All: 85.960 $\pm$ 29.039 χ^2 /NDF: 41.2/46

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: 108.401 $\pm$ 0.038 χ^2 /NDF: 170816.3/5

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 122.545 $\pm$ 0.044 χ^2 /NDF: 49677.2/4

Left: 114.412 $\pm$ 0.029 χ^2 /NDF: 280304.4/10

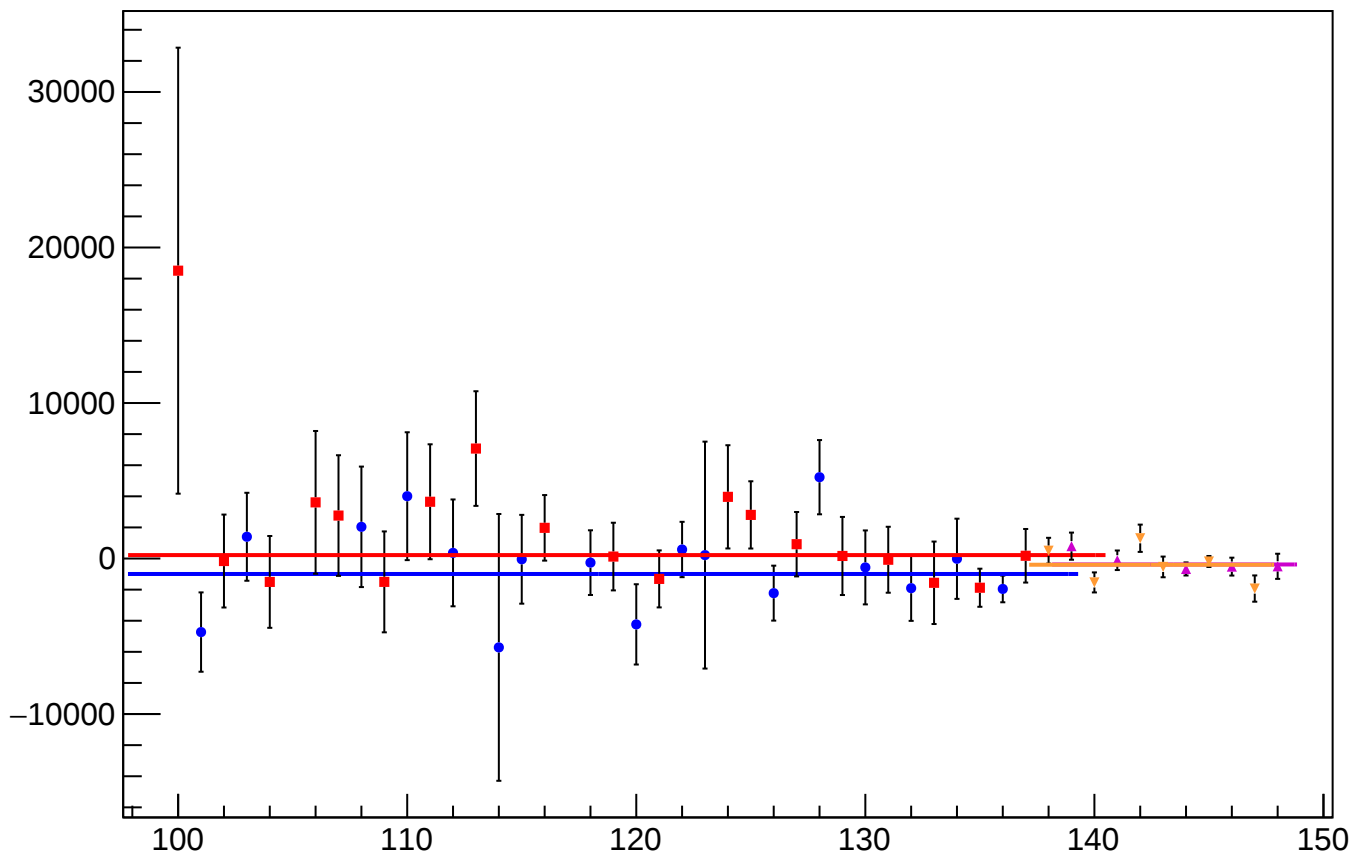
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 133.534 $\pm$ 0.030 χ^2 /NDF: 1268634.7/21

Out: 126.864 $\pm$ 0.028 χ^2 /NDF: 2147527.6/24

All: 130.000 $\pm$ 0.021 χ^2 /NDF: 3442442.4/46

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -399.366+/-243.782 χ^2/NDF : 11.8/5

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -381.797+/-266.832 χ^2/NDF : 2.6/4

Left: -391.373+/-179.978 χ^2/NDF : 14.3/10

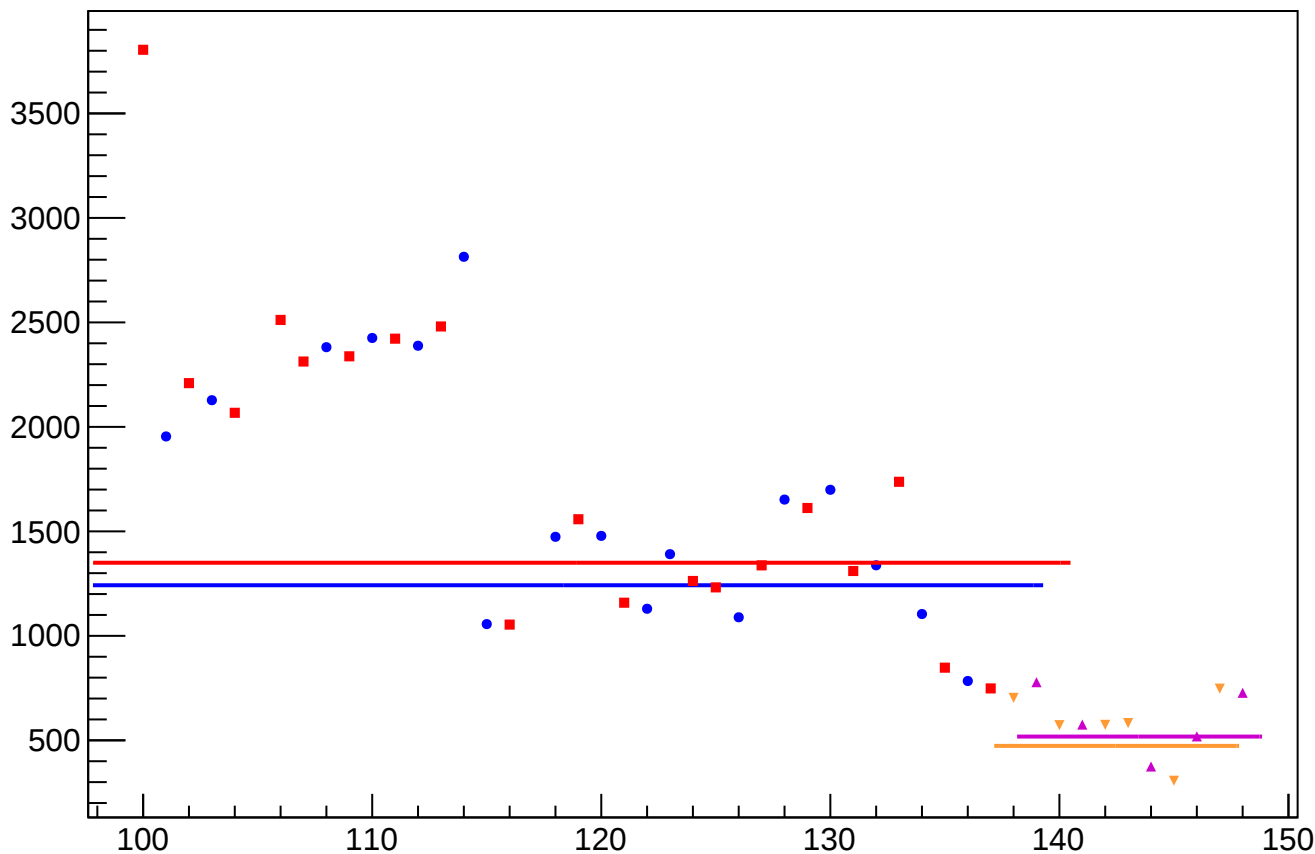
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -510.737+/-237.062 χ^2/NDF : 20.6/21

Out: -295.379+/-222.427 χ^2/NDF : 28.0/24

All: -396.206+/-162.207 χ^2/NDF : 49.0/46

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: 473.406 $\pm$ 0.172 χ^2/NDF : 936824.3/5

Right Out: 1349.870 $\pm$ 0.384 χ^2/NDF : 1867853.5/18

Left In: 518.075 $\pm$ 0.189 χ^2/NDF : 560475.8/4

Left: 493.728 $\pm$ 0.127 χ^2/NDF : 1527848.7/10

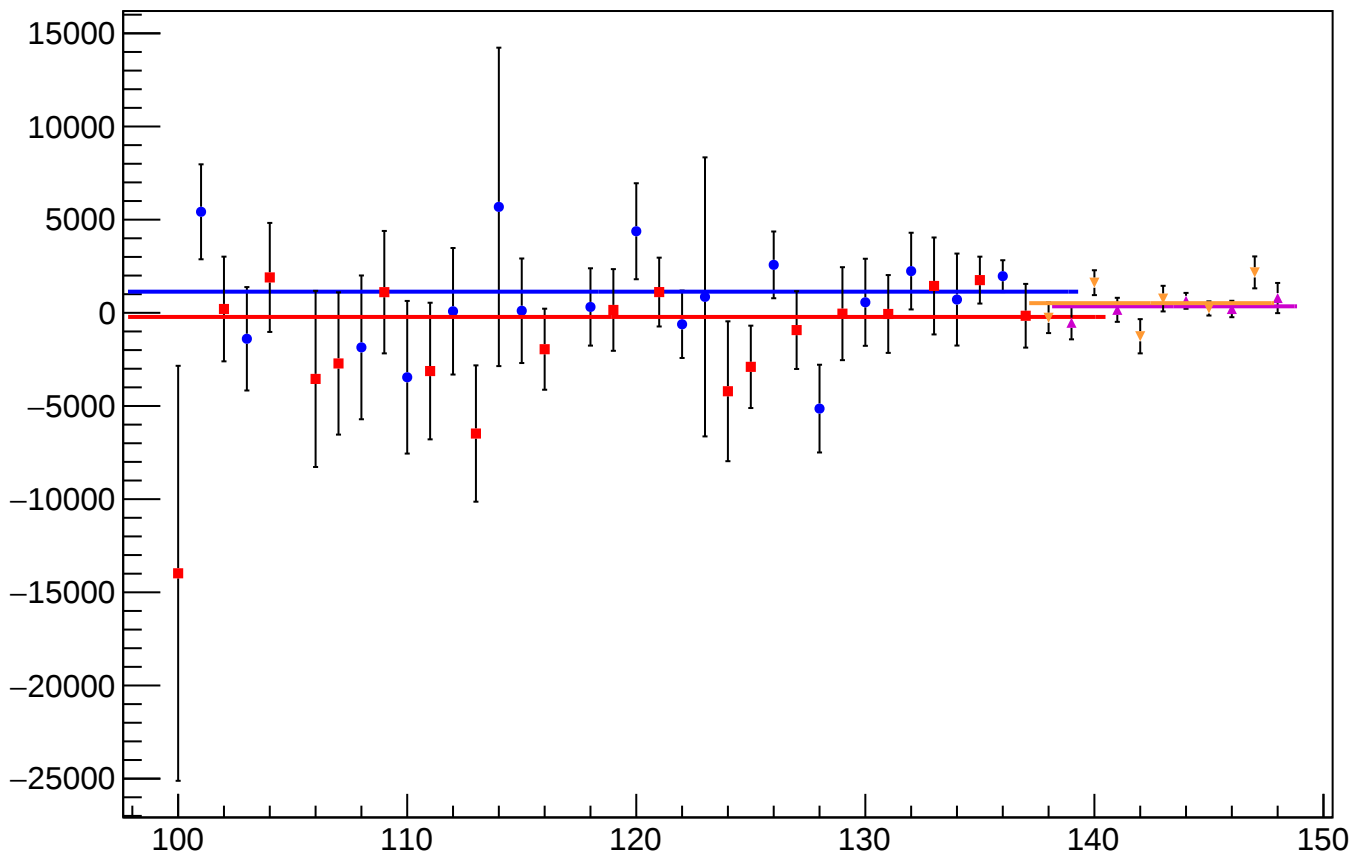
Right: 1293.283 $\pm$ 0.265 χ^2/NDF : 3676549.5/35

In: 670.635 $\pm$ 0.168 χ^2/NDF : 5430976.6/21

Out: 620.238 $\pm$ 0.157 χ^2/NDF : 7135594.1/24

All: 643.833 $\pm$ 0.115 χ^2/NDF : 12614641.6/46

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 518.947+/-255.774 χ^2/NDF : 11.8/5

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 349.060+/-251.143 χ^2/NDF : 1.9/4

Left: 432.452+/-179.200 χ^2/NDF : 13.9/10

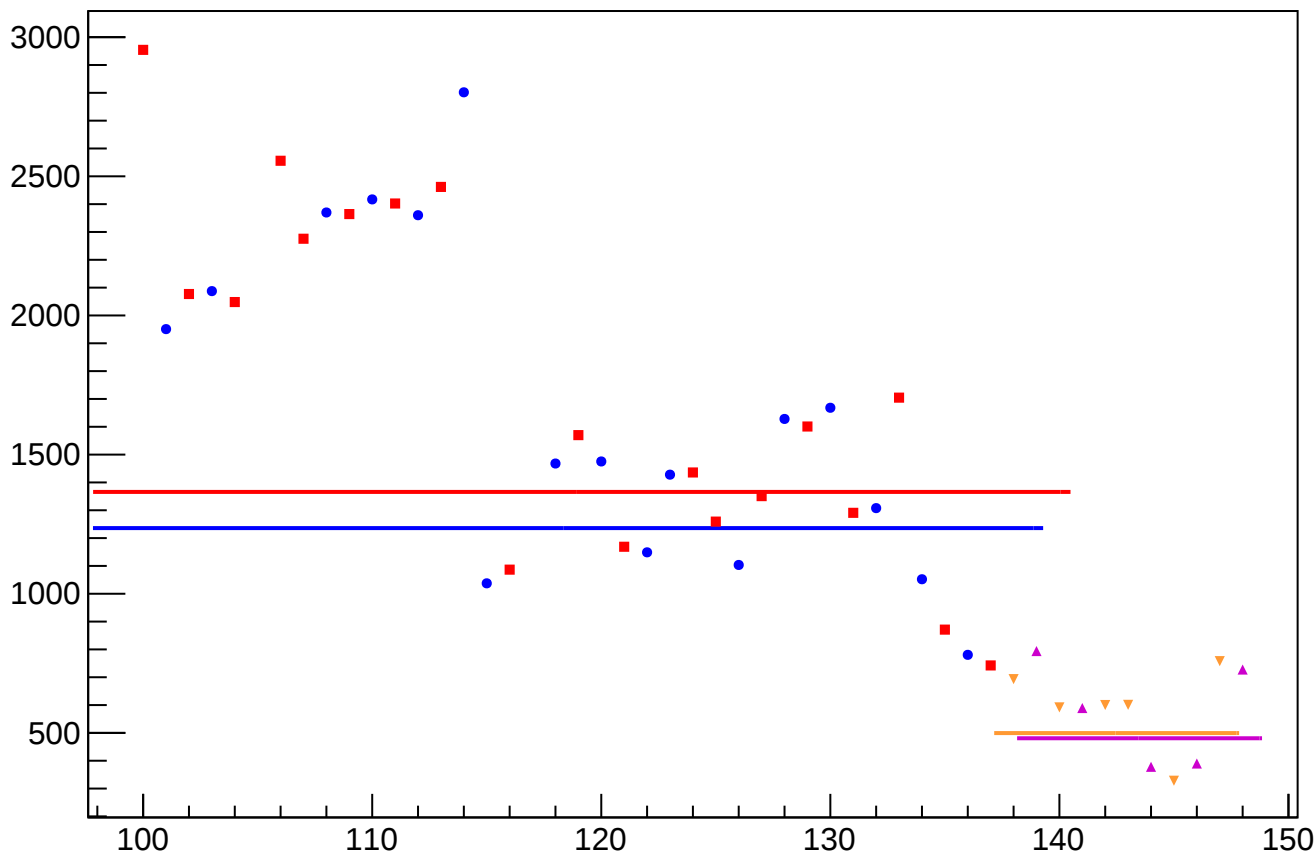
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 500.683+/-225.629 χ^2/NDF : 21.6/21

Out: 386.426+/-231.736 χ^2/NDF : 26.8/24

All: 445.080+/-161.660 χ^2/NDF : 48.5/46

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 499.349+/-0.181 χ^2/NDF : 803400.4/5

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 480.718+/-0.178 χ^2/NDF : 691003.2/4

Left: 489.864+/-0.127 χ^2/NDF : 1499806.3/10

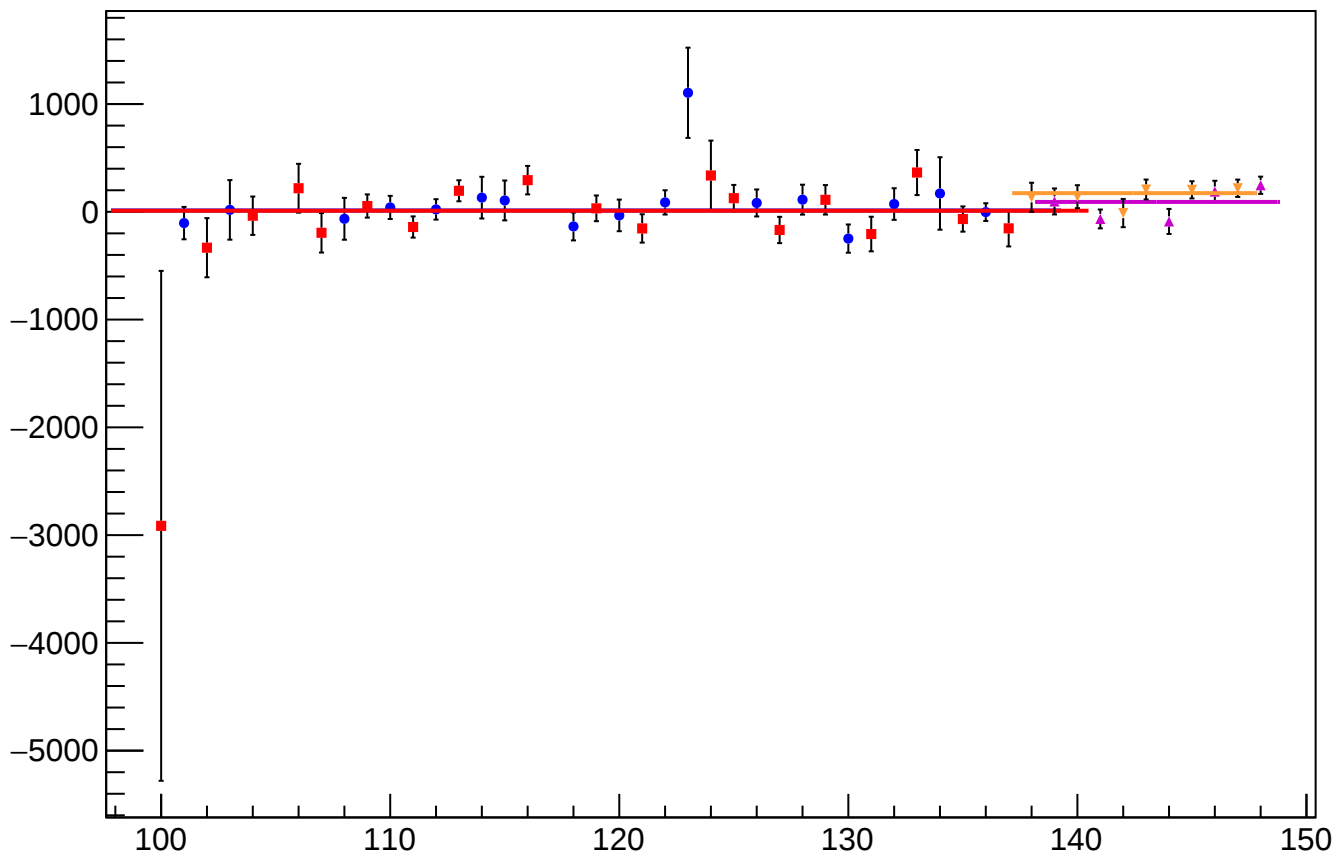
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 626.373+/-0.160 χ^2/NDF : 5924795.1/21

Out: 654.584+/-0.164 χ^2/NDF : 6666076.7/24

All: 640.102+/-0.114 χ^2/NDF : 12606086.7/46

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 173.288+/-39.827 χ^2/NDF : 2.8/5

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 91.638+/-43.434 χ^2/NDF : 10.4/4

Left: 135.993+/-29.355 χ^2/NDF : 15.0/10

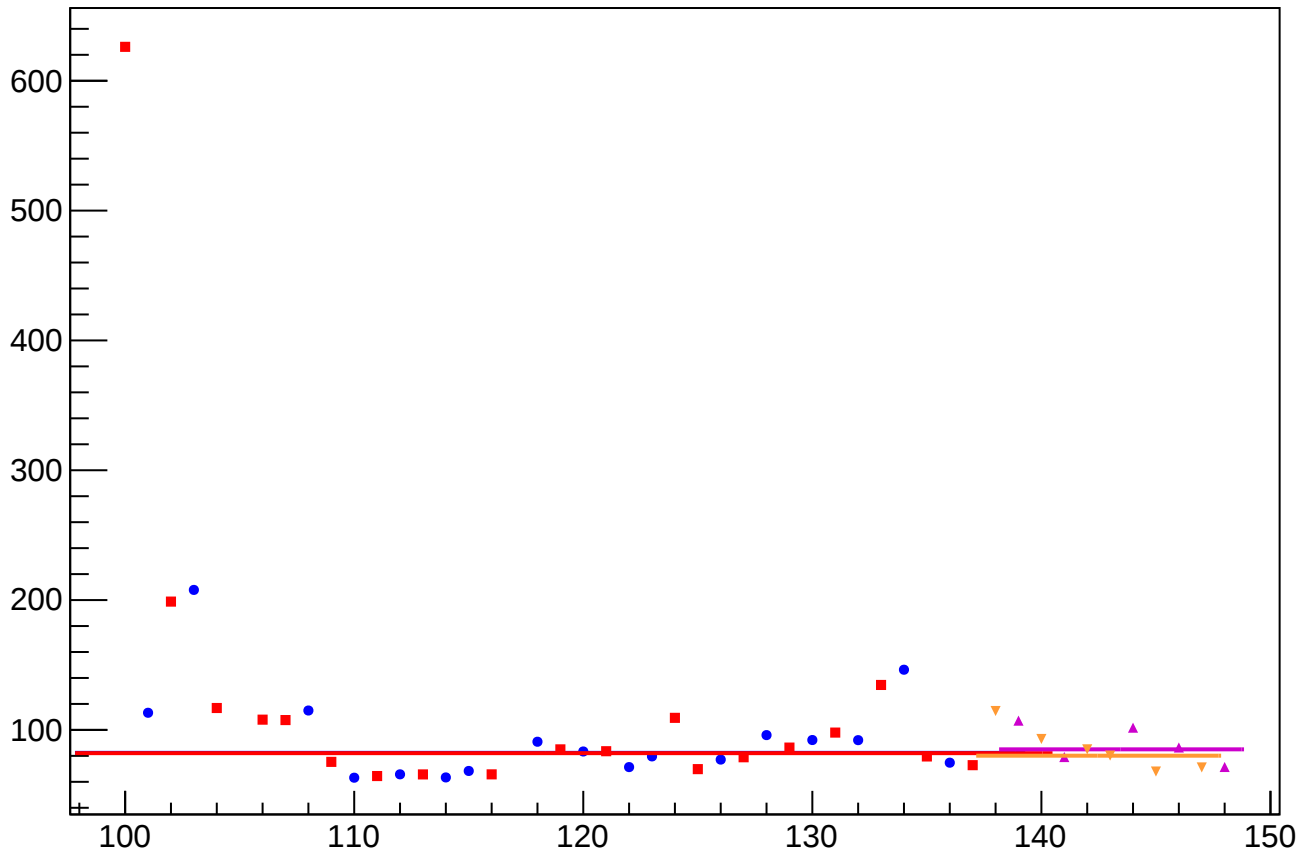
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 41.596+/-26.391 χ^2/NDF : 27.8/21

Out: 75.539+/-25.228 χ^2/NDF : 41.1/24

All: 59.332+/-18.236 χ^2/NDF : 69.8/46

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 80.133 $\pm$ 0.028 χ^2 /NDF: 234256.9/5

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 85.023 $\pm$ 0.031 χ^2 /NDF: 175972.0/4

Left: 82.367 $\pm$ 0.021 χ^2 /NDF: 423996.4/10

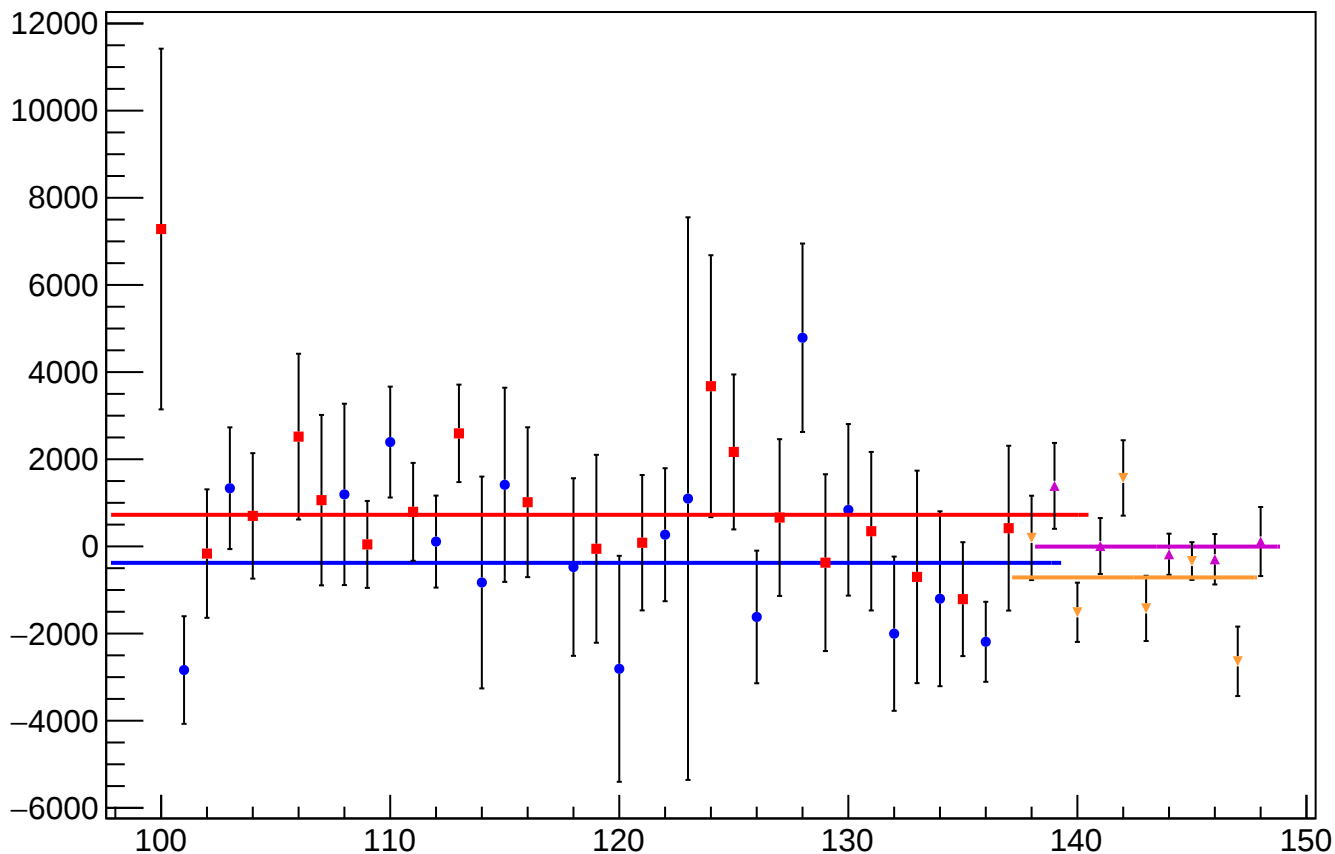
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 83.309 $\pm$ 0.019 χ^2 /NDF: 1049651.1/21

Out: 81.305 $\pm$ 0.018 χ^2 /NDF: 1196157.6/24

All: 82.262 $\pm$ 0.013 χ^2 /NDF: 2251831.6/46

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -712.159+/-274.572 χ^2/NDF : 16.7/5

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: -4.537+/-282.459 χ^2/NDF : 2.4/4

Left: -368.364+/-196.881 χ^2/NDF : 22.4/10

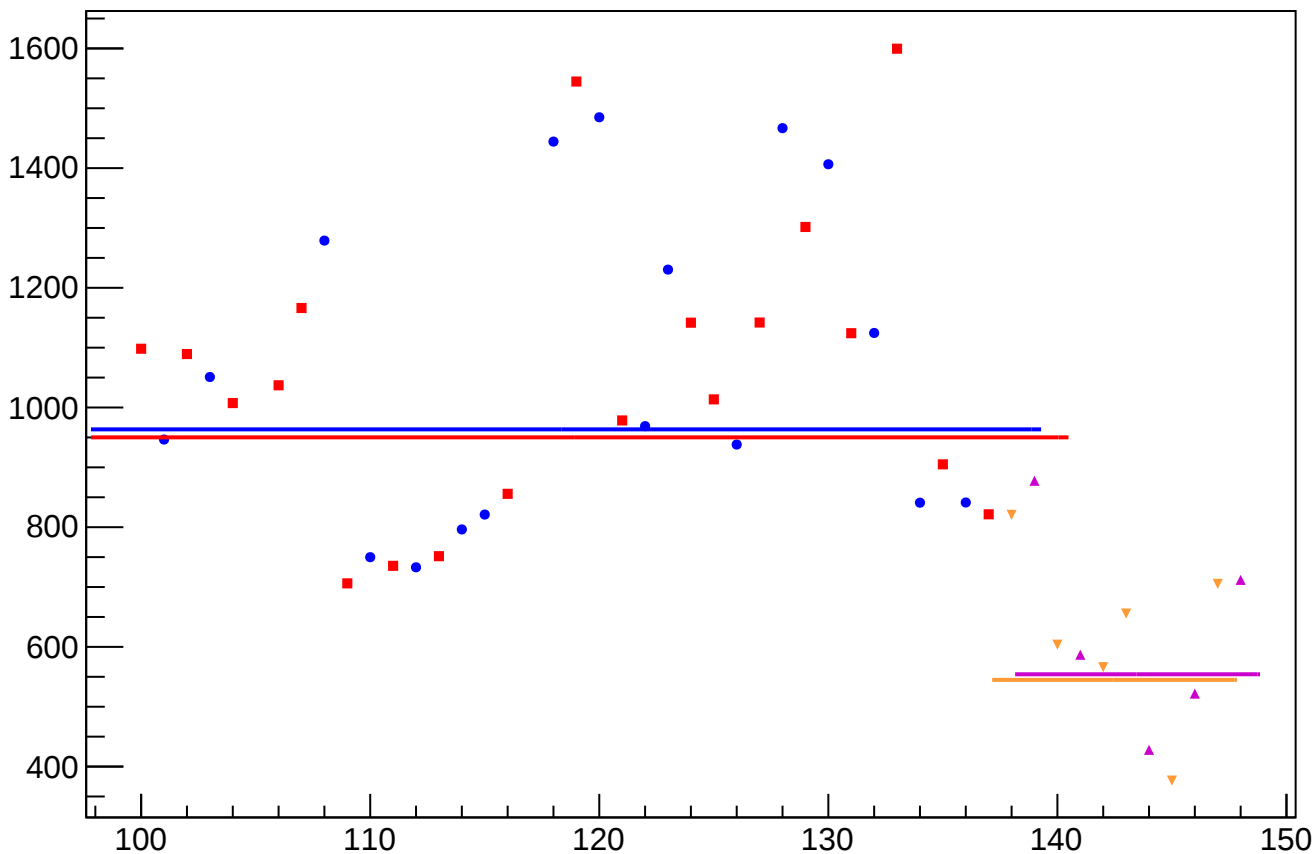
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -135.469+/-227.512 χ^2/NDF : 27.5/21

Out: -196.647+/-219.889 χ^2/NDF : 38.4/24

All: -167.100+/-158.111 χ^2/NDF : 66.0/46

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 544.916 $\pm$ 0.194 χ^2 /NDF: 605938.7/5

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 554.228 $\pm$ 0.200 χ^2 /NDF: 449226.5/4

Left: 549.440 $\pm$ 0.139 χ^2 /NDF: 1056282.9/10

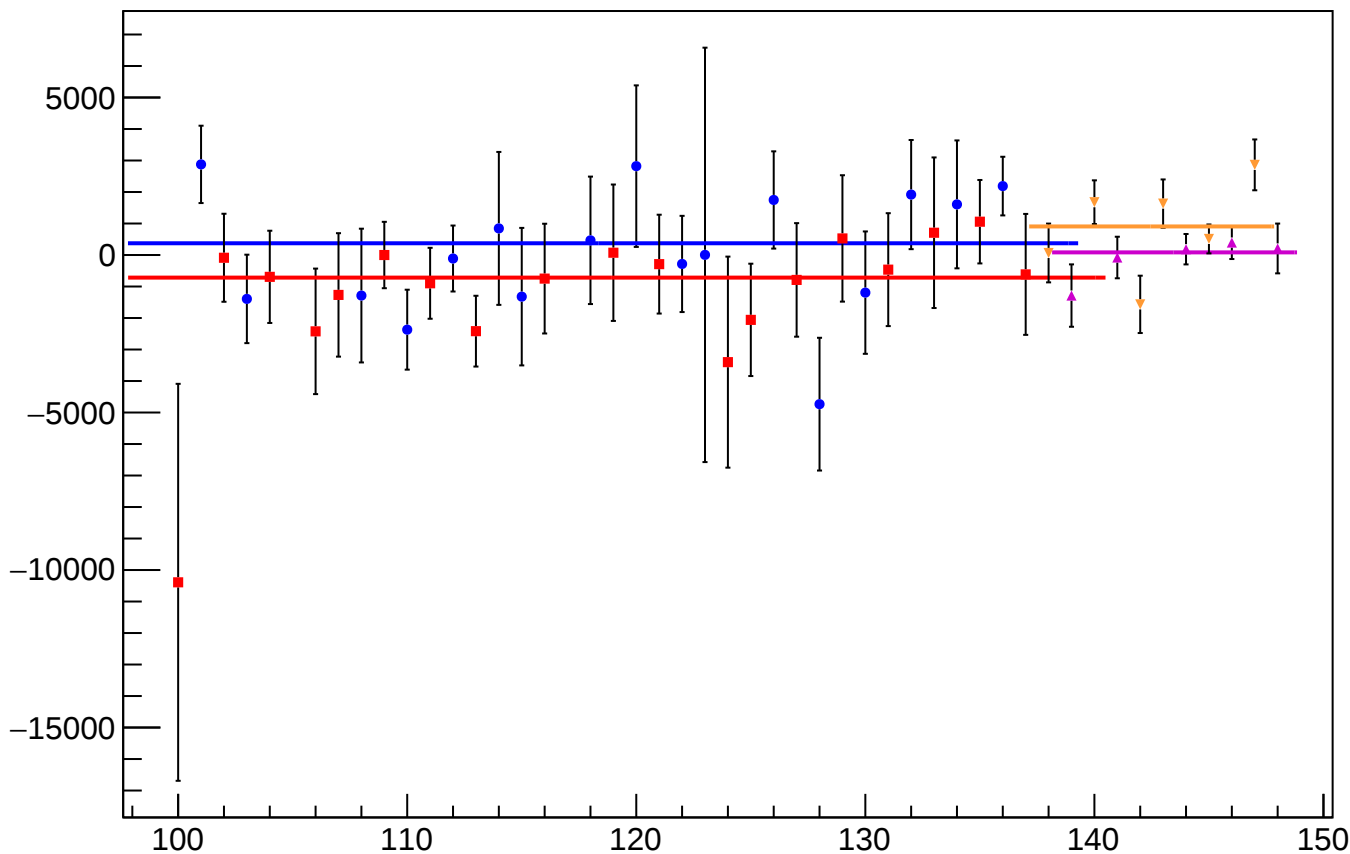
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 697.962 $\pm$ 0.161 χ^2 /NDF: 2612637.0/21

Out: 690.244 $\pm$ 0.155 χ^2 /NDF: 2900110.5/24

All: 693.971 $\pm$ 0.112 χ^2 /NDF: 5513937.5/46

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 906.713 $\pm$ 283.792 χ^2 /NDF:16.9/5

Right Out: -717.404 $\pm$ 371.769 χ^2 /NDF: 10.1/18

Left In: 83.518 $\pm$ 278.748 χ^2 /NDF:2.4/4

Left: 487.735 $\pm$ 198.864 χ^2 /NDF: 23.6/10

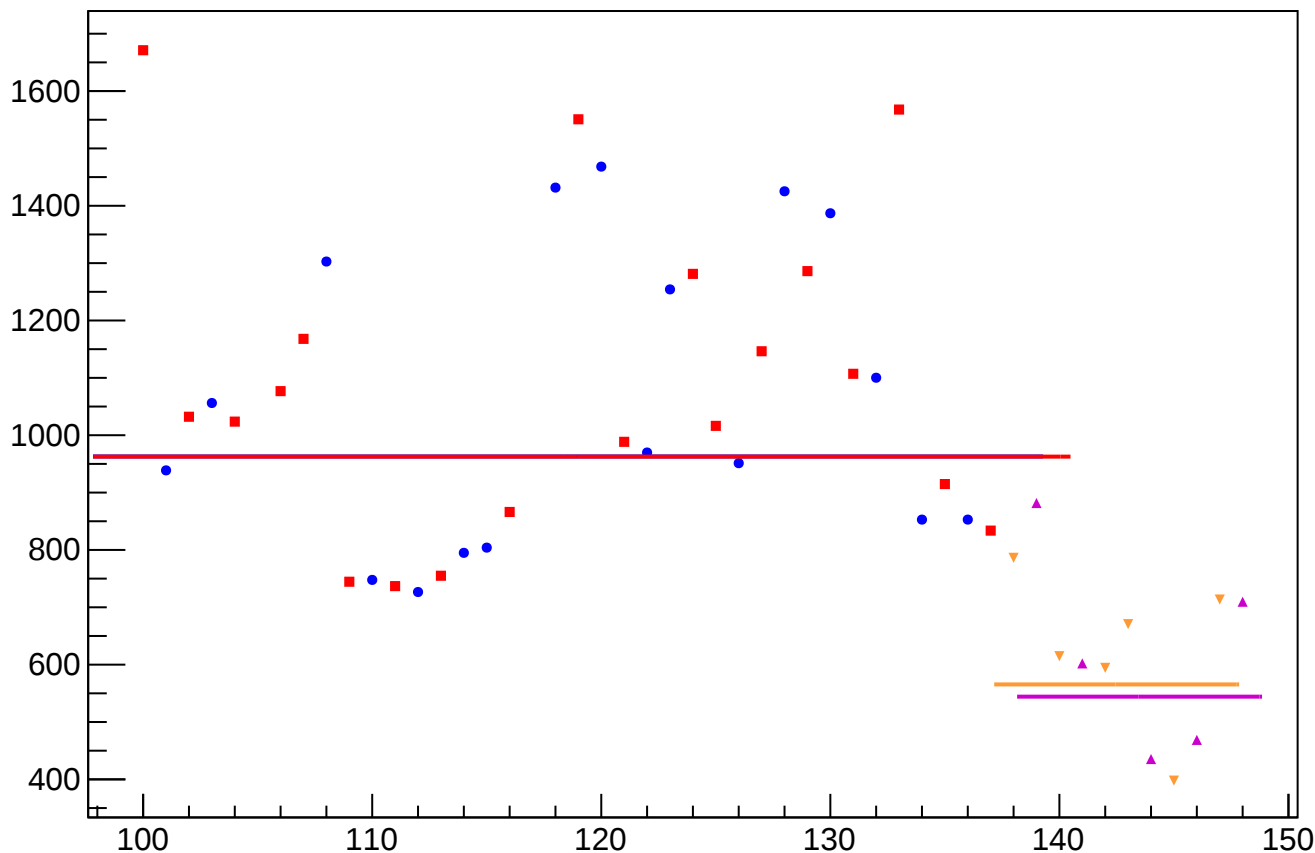
Right: -189.414 $\pm$ 266.986 χ^2 /NDF: 39.6/35

In: 183.496 $\pm$ 225.511 χ^2 /NDF:28.0/21

Out: 308.757 $\pm$ 225.579 χ^2 /NDF:39.1/24

All: 246.108 $\pm$ 159.484 χ^2 /NDF: 67.3/46

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 565.537 $\pm$ 0.201 χ^2 /NDF: 495945.6/5

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 544.217 $\pm$ 0.197 χ^2 /NDF: 478781.0/4

Left: 554.686 $\pm$ 0.141 χ^2 /NDF: 980471.9/10

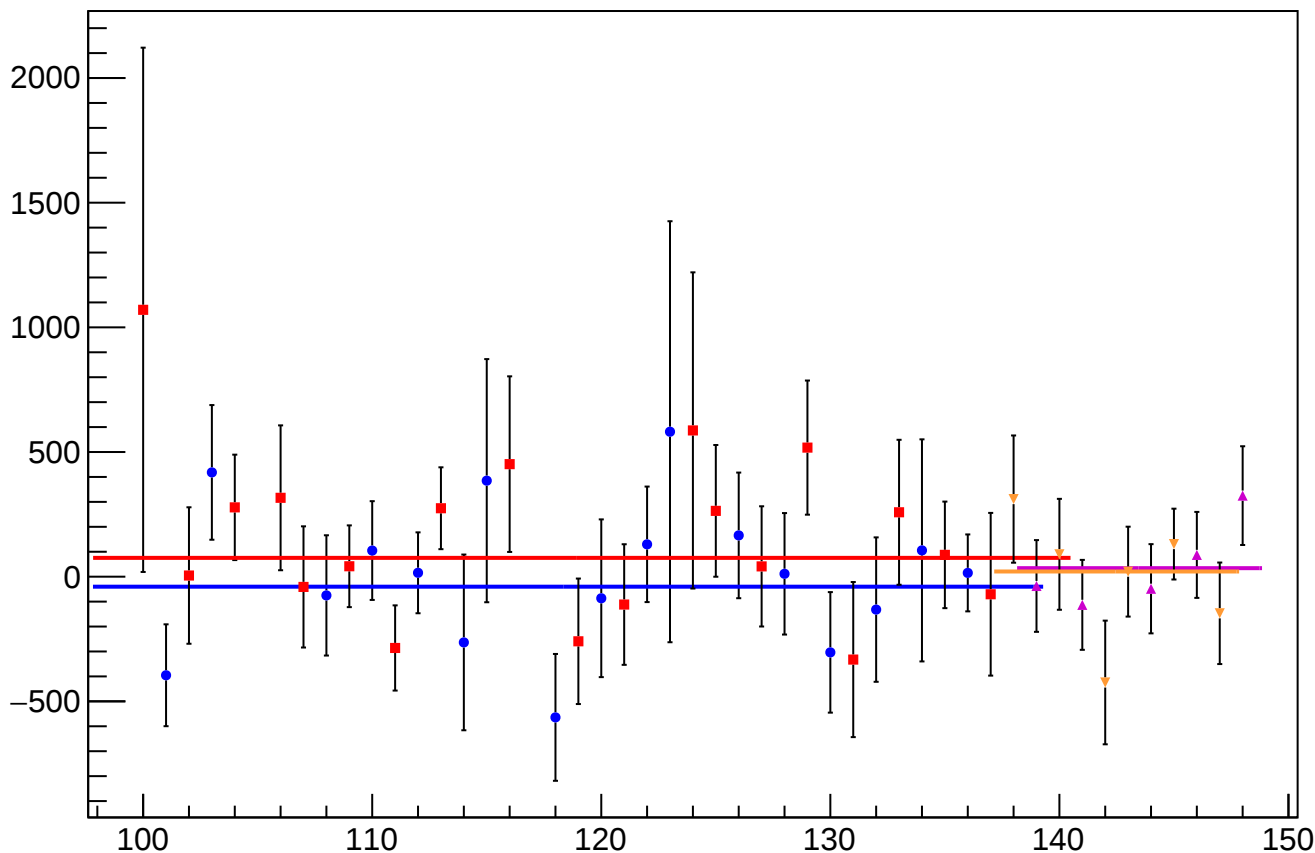
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 688.893 $\pm$ 0.159 χ^2 /NDF: 2705731.8/21

Out: 711.759 $\pm$ 0.160 χ^2 /NDF: 2634460.8/24

All: 700.323 $\pm$ 0.113 χ^2 /NDF: 5350470.4/46

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 20.814 ± 79.989 χ^2/NDF : 5.9/5

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 34.146 ± 81.467 χ^2/NDF : 3.3/4

Left: 27.358 ± 57.076 χ^2/NDF : 9.2/10

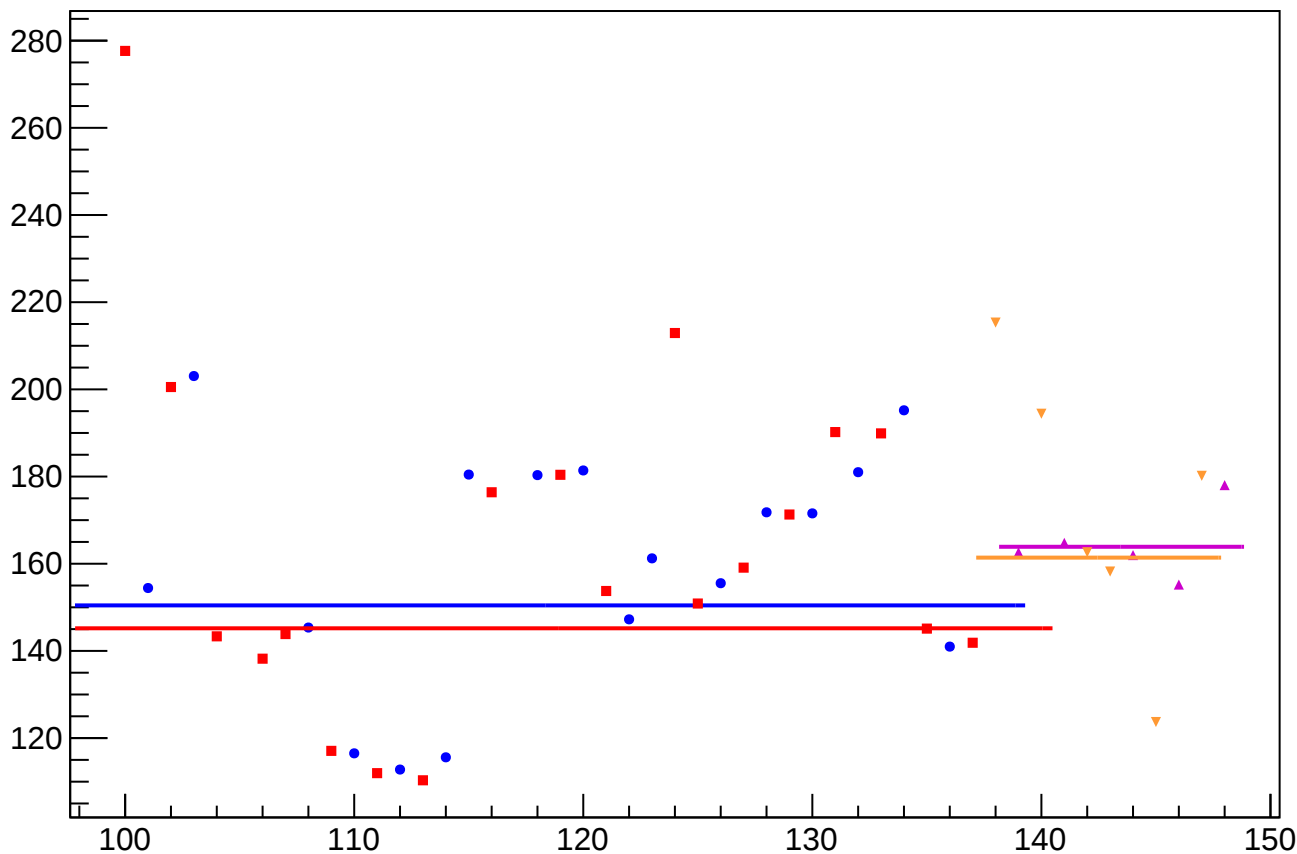
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: -14.425 ± 47.920 χ^2/NDF : 19.2/21

Out: 57.386 ± 46.003 χ^2/NDF : 24.7/24

All: 22.946 ± 33.186 χ^2/NDF : 45.0/46

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: 161.402 $\pm$ 0.057 χ^2 /NDF: 292080.2/5

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 163.889 $\pm$ 0.058 χ^2 /NDF: 15640.4/4

Left: 162.623 $\pm$ 0.040 χ^2 /NDF: 308669.5/10

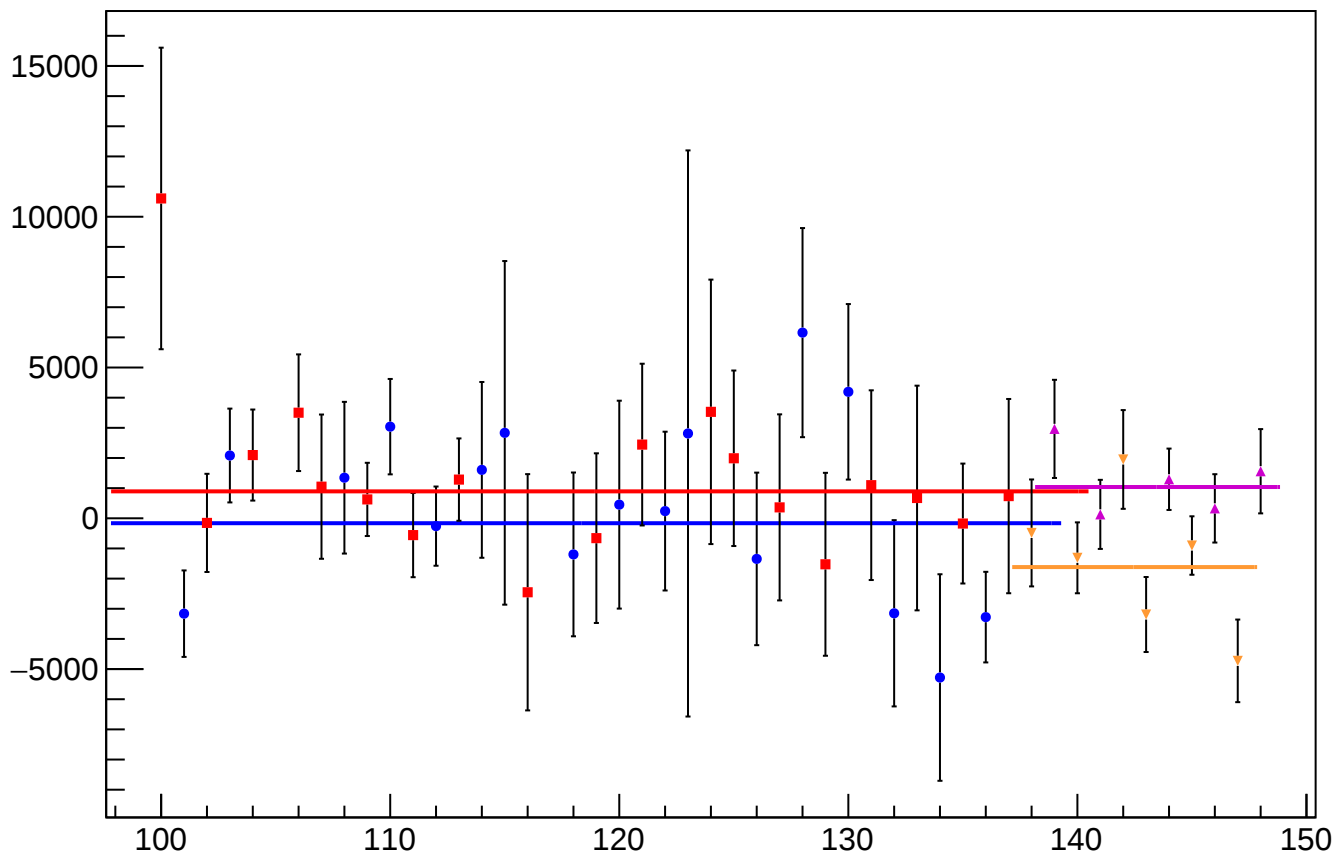
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 155.095 $\pm$ 0.034 χ^2 /NDF: 451399.3/21

Out: 150.550 $\pm$ 0.033 χ^2 /NDF: 882780.5/24

All: 152.730 $\pm$ 0.023 χ^2 /NDF: 1343539.2/46

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -1617.655 ± 522.796 $\chi^2/\text{NDF}: 12.5/5$

Right Out: 893.137 ± 484.322 $\chi^2/\text{NDF}: 10.7/18$

Left In: 1037.458 ± 542.604 $\chi^2/\text{NDF}: 2.6/4$

Left: -339.445 ± 376.480 $\chi^2/\text{NDF}: 27.6/10$

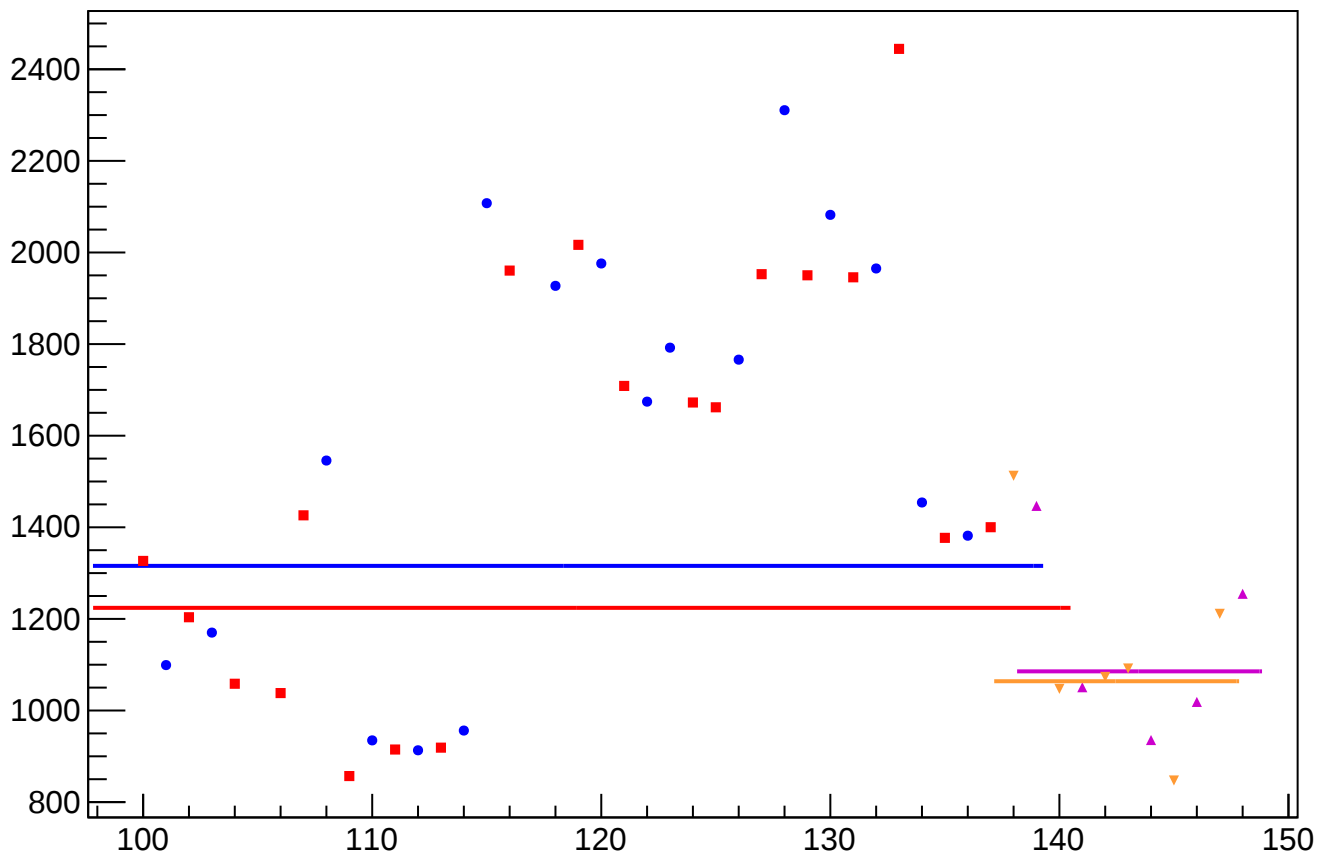
Right: 415.737 ± 358.494 $\chi^2/\text{NDF}: 37.9/35$

In: 426.795 ± 380.298 $\chi^2/\text{NDF}: 30.2/21$

Out: -266.481 ± 355.291 $\chi^2/\text{NDF}: 35.6/24$

All: 56.616 ± 259.619 $\chi^2/\text{NDF}: 67.6/46$

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1063.914+/-0.370 χ^2/NDF : 252547.1/5

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1085.471+/-0.384 χ^2/NDF : 180125.5/4

Left: 1074.292+/-0.266 χ^2/NDF : 434309.6/10

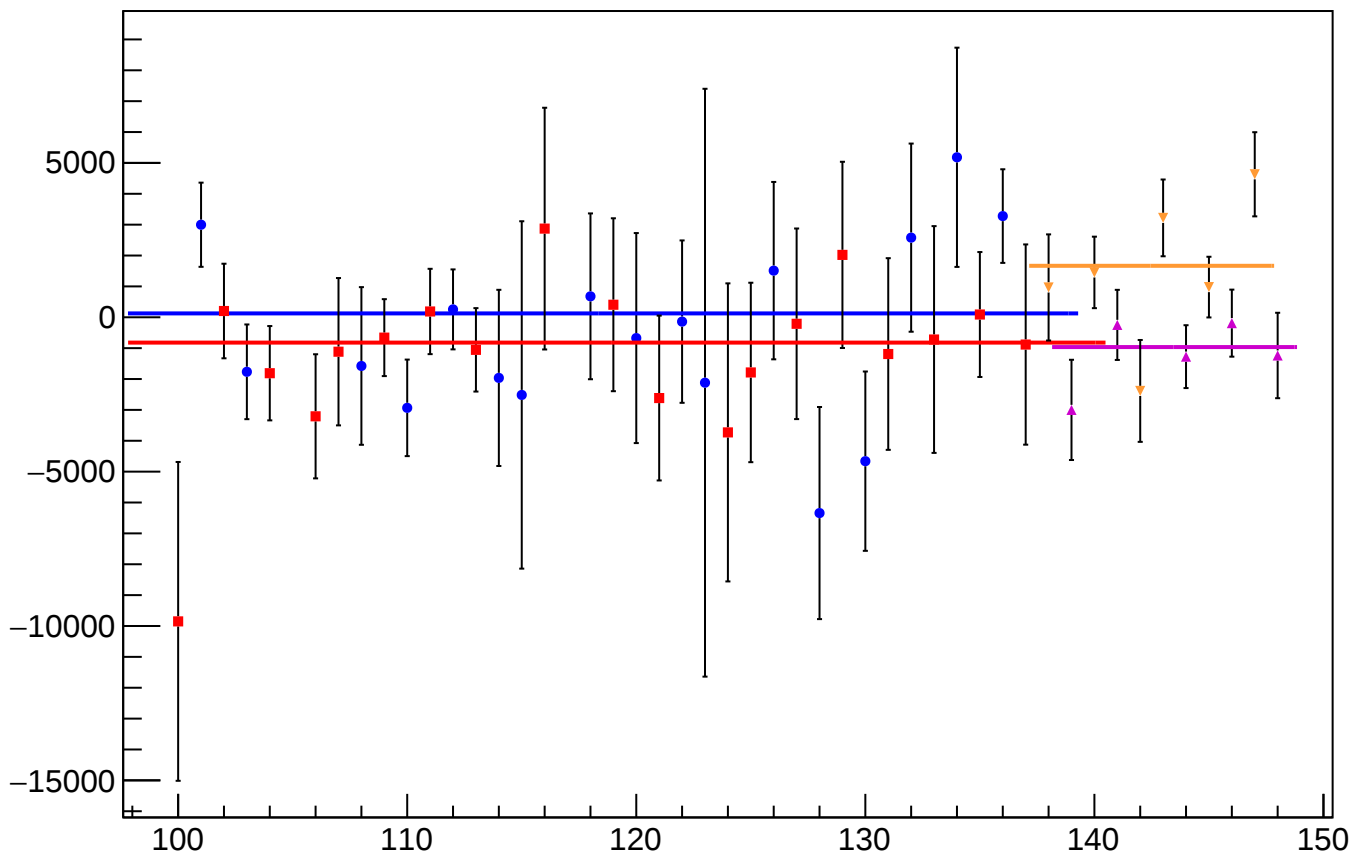
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1202.648+/-0.269 χ^2/NDF : 1481800.0/21

Out: 1150.144+/-0.251 χ^2/NDF : 1717557.0/24

All: 1174.613+/-0.184 χ^2/NDF : 3219712.4/46

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1667.319 $\pm$ 521.844 χ^2 /NDF:13.0/5

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -964.884 $\pm$ 535.228 χ^2 /NDF:2.6/4

Left: 384.539 $\pm$ 373.642 χ^2 /NDF: 28.0/10

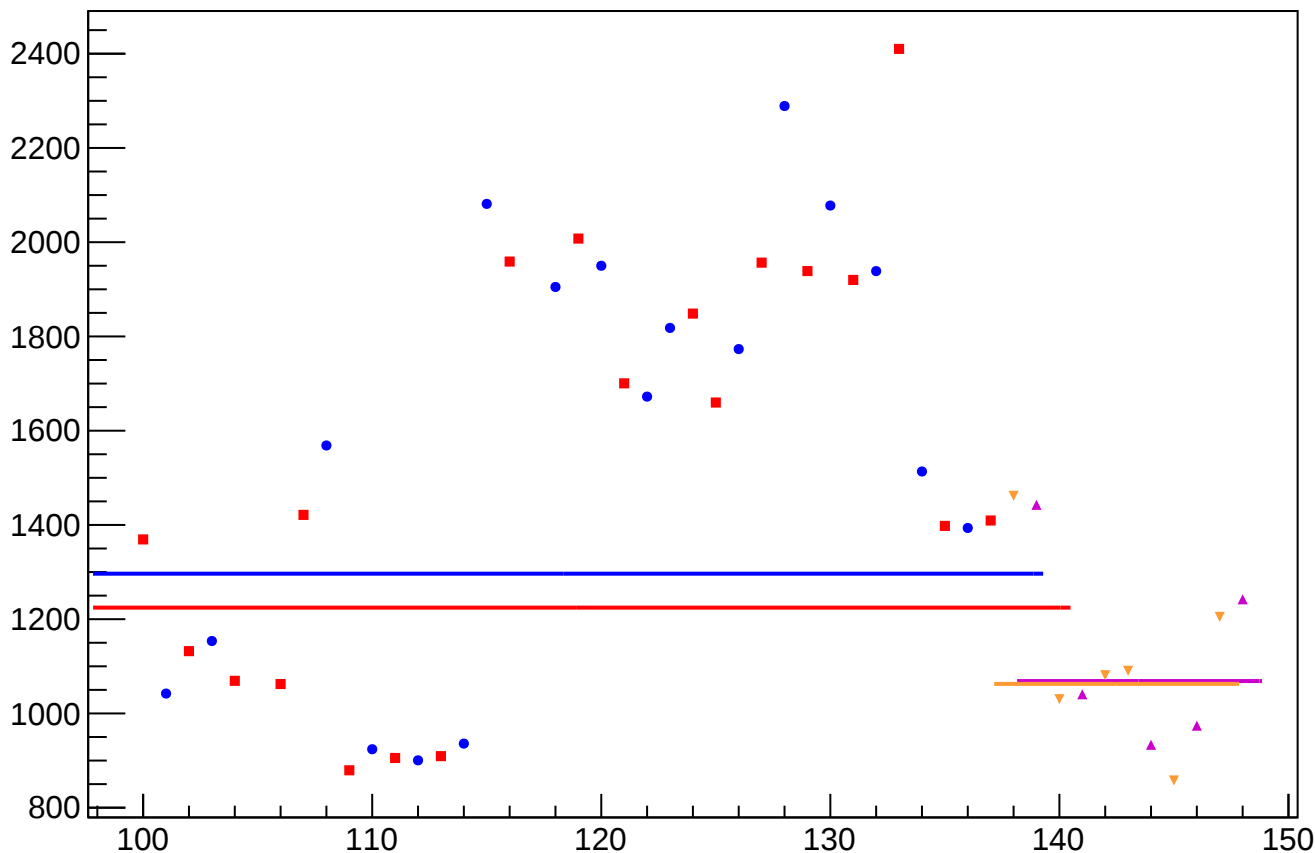
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -411.103 $\pm$ 375.449 χ^2 /NDF:29.4/21

Out: 331.775 $\pm$ 355.125 χ^2 /NDF:34.3/24

All: -19.014 $\pm$ 257.997 χ^2 /NDF: 65.7/46

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1062.706 $\pm$ 0.369 χ^2 /NDF: 219353.1/5

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1068.740 $\pm$ 0.378 χ^2 /NDF: 189296.9/4

Left: 1065.647 $\pm$ 0.264 χ^2 /NDF: 408780.4/10

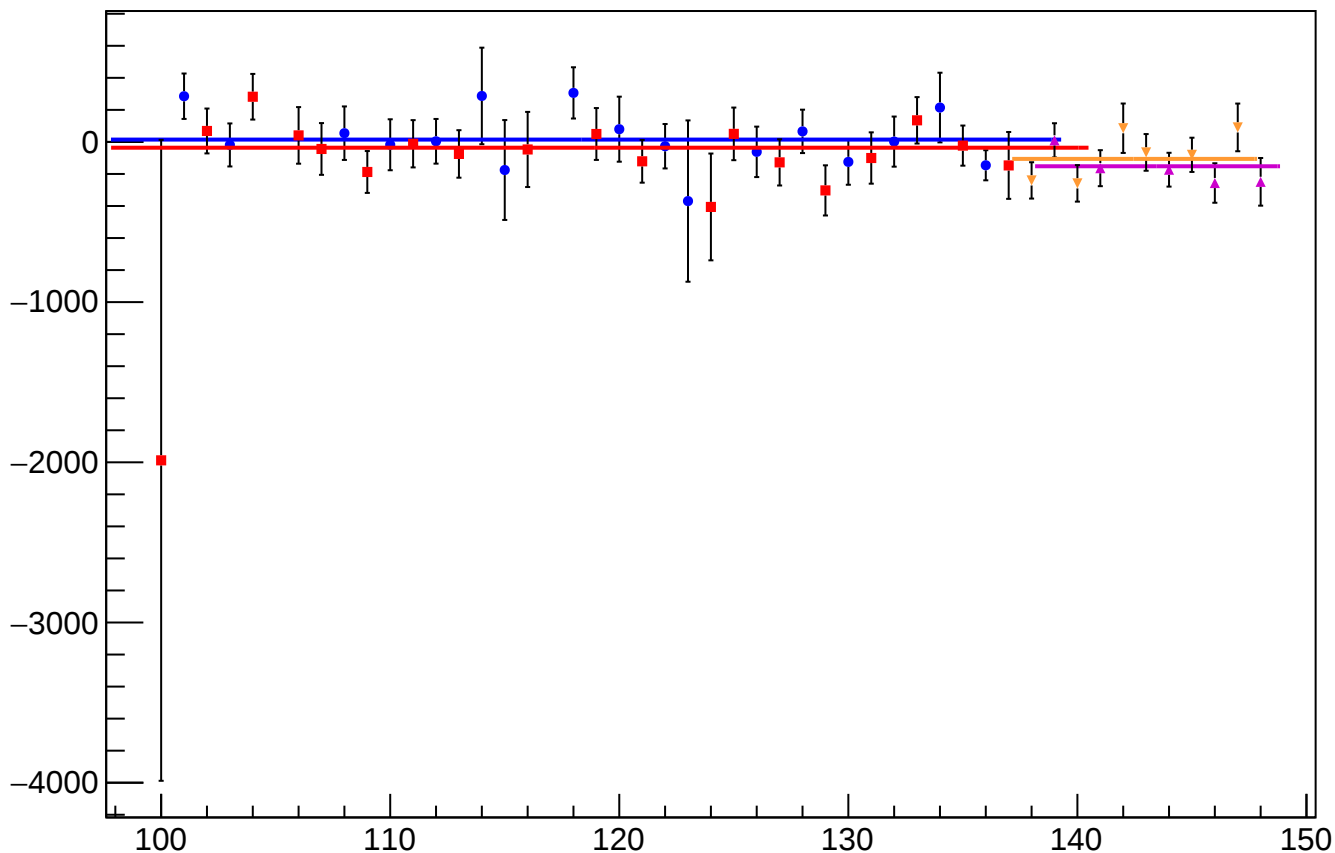
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1184.465 $\pm$ 0.265 χ^2 /NDF: 1548836.4/21

Out: 1149.605 $\pm$ 0.251 χ^2 /NDF: 1670924.6/24

All: 1166.066 $\pm$ 0.182 χ^2 /NDF: 3228861.0/46

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: -105.935 ± 49.637 $\chi^2/\text{NDF}: 6.7/5$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -151.941 ± 52.164 $\chi^2/\text{NDF}: 3.5/4$

Left: -127.797 ± 35.959 $\chi^2/\text{NDF}: 10.6/10$

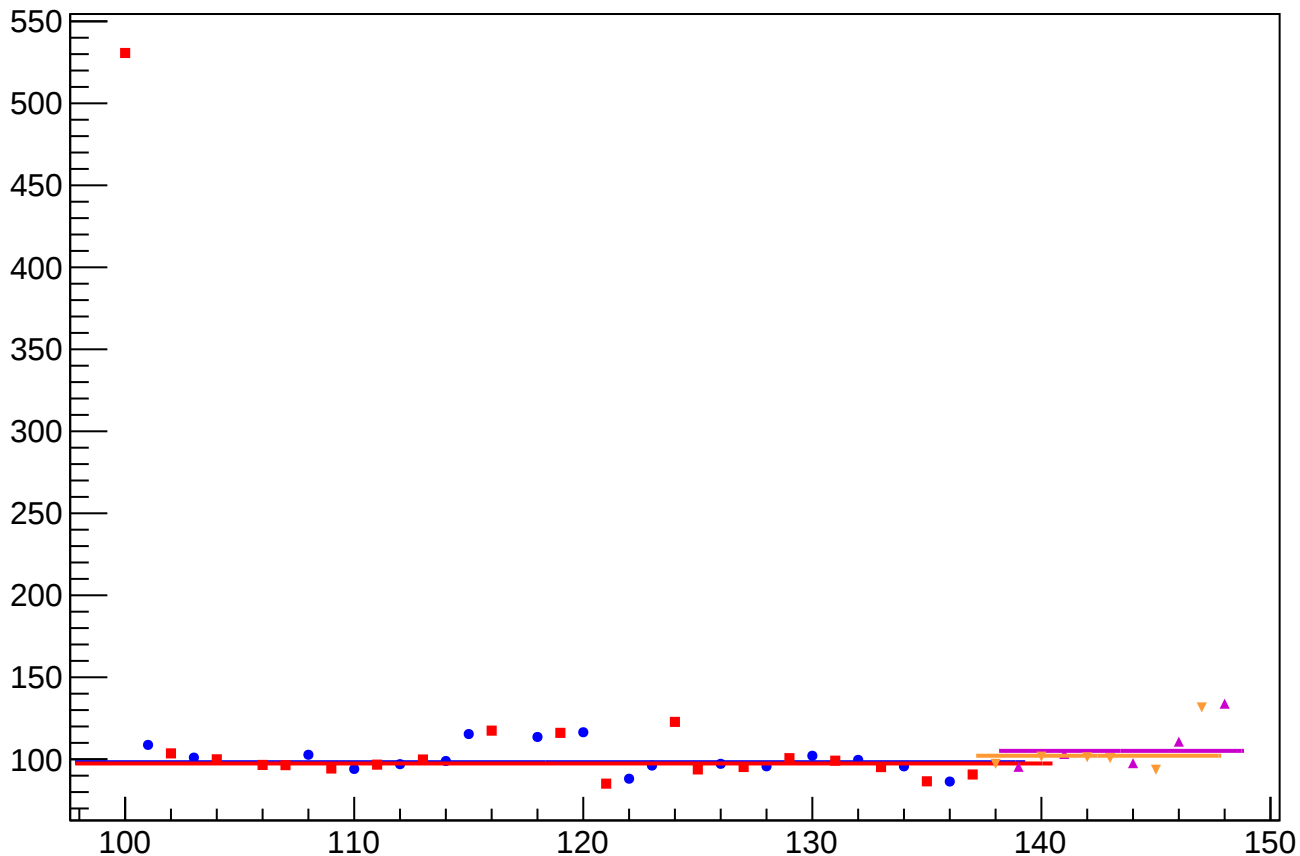
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -43.187 ± 30.723 $\chi^2/\text{NDF}: 24.3/21$

Out: -60.823 ± 29.521 $\chi^2/\text{NDF}: 23.4/24$

All: -52.357 ± 21.287 $\chi^2/\text{NDF}: 47.9/46$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 102.164+/-0.035 χ^2/NDF : 95287.9/5

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 105.126+/-0.037 χ^2/NDF : 106141.6/4

Left: 103.571+/-0.025 χ^2/NDF : 204815.0/10

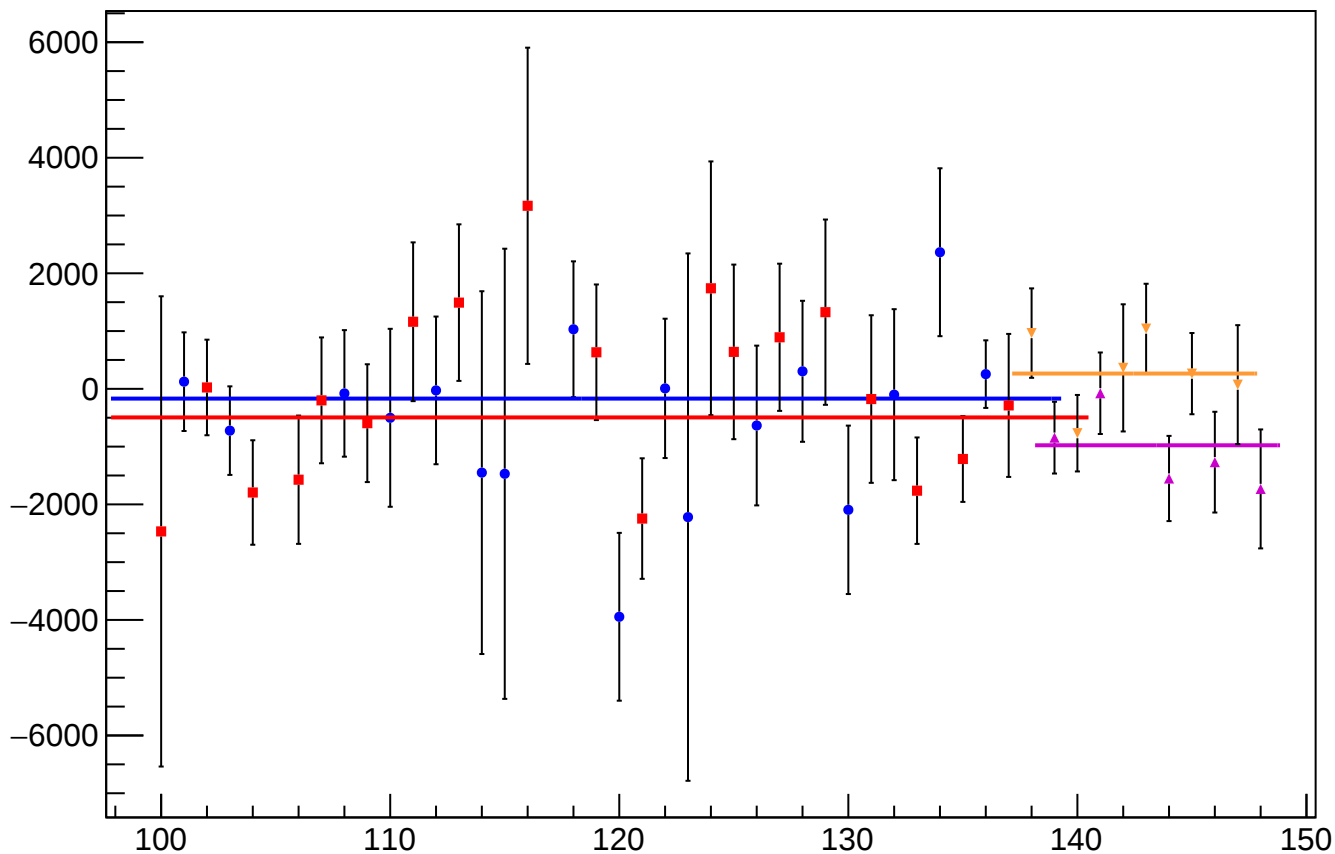
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 100.615+/-0.022 χ^2/NDF : 229554.4/21

Out: 99.109+/-0.021 χ^2/NDF : 297078.2/24

All: 99.832+/-0.015 χ^2/NDF : 529132.9/46

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 264.687 ± 326.142 $\chi^2/\text{NDF}: 4.3/5$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -977.167 ± 339.060 $\chi^2/\text{NDF}: 2.9/4$

Left: -332.132 ± 235.051 $\chi^2/\text{NDF}: 14.2/10$

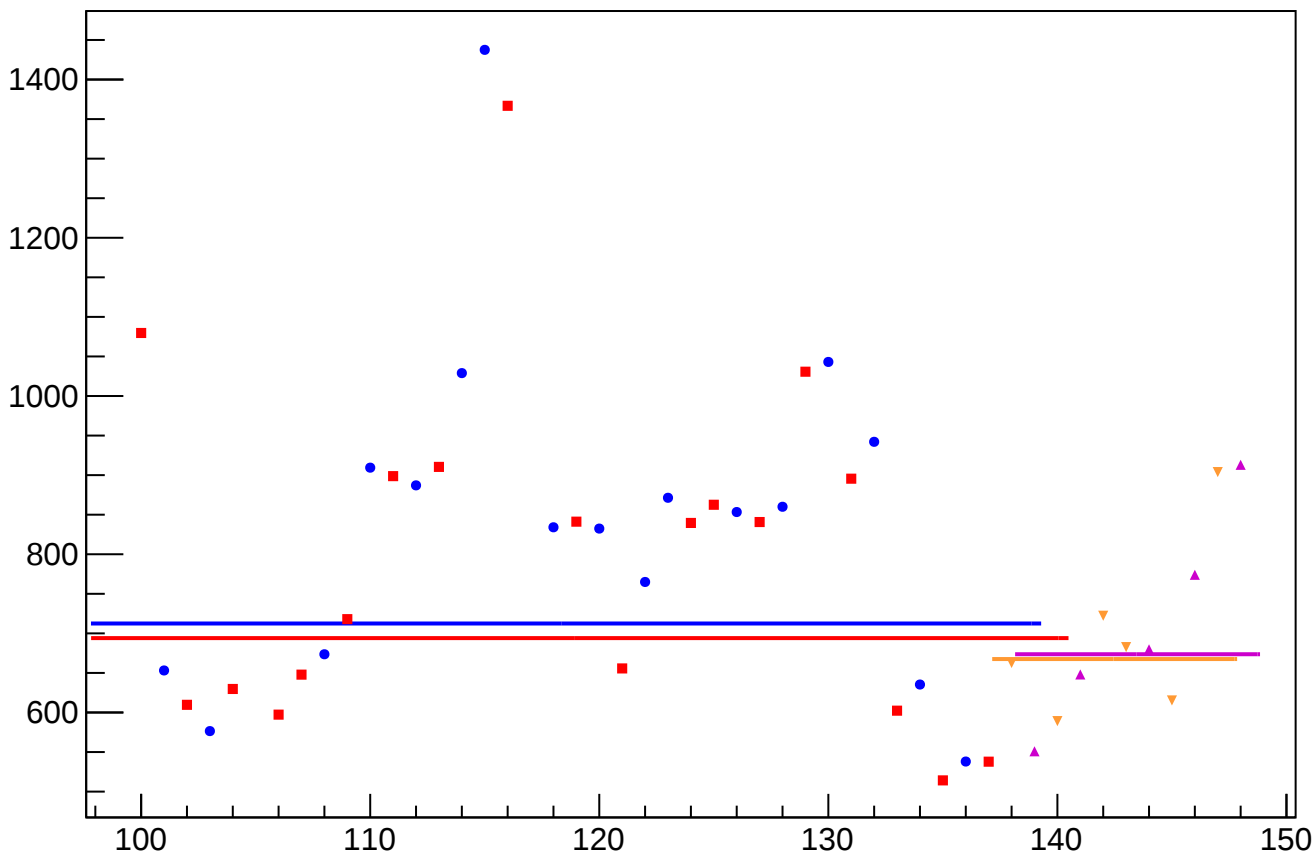
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -499.585 ± 216.892 $\chi^2/\text{NDF}: 20.9/21$

Out: -189.492 ± 206.797 $\chi^2/\text{NDF}: 27.4/24$

All: -337.154 ± 149.669 $\chi^2/\text{NDF}: 49.3/46$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 ± 0.200 $\chi^2/NDF: 660520.6/16$

Left Out: 667.547 ± 0.231 $\chi^2/NDF: 150278.0/5$

Right Out: 694.014 ± 0.189 $\chi^2/NDF: 674989.2/18$

Left In: 673.631 ± 0.240 $\chi^2/NDF: 215459.0/4$

Left: 670.471 ± 0.166 $\chi^2/NDF: 366071.5/10$

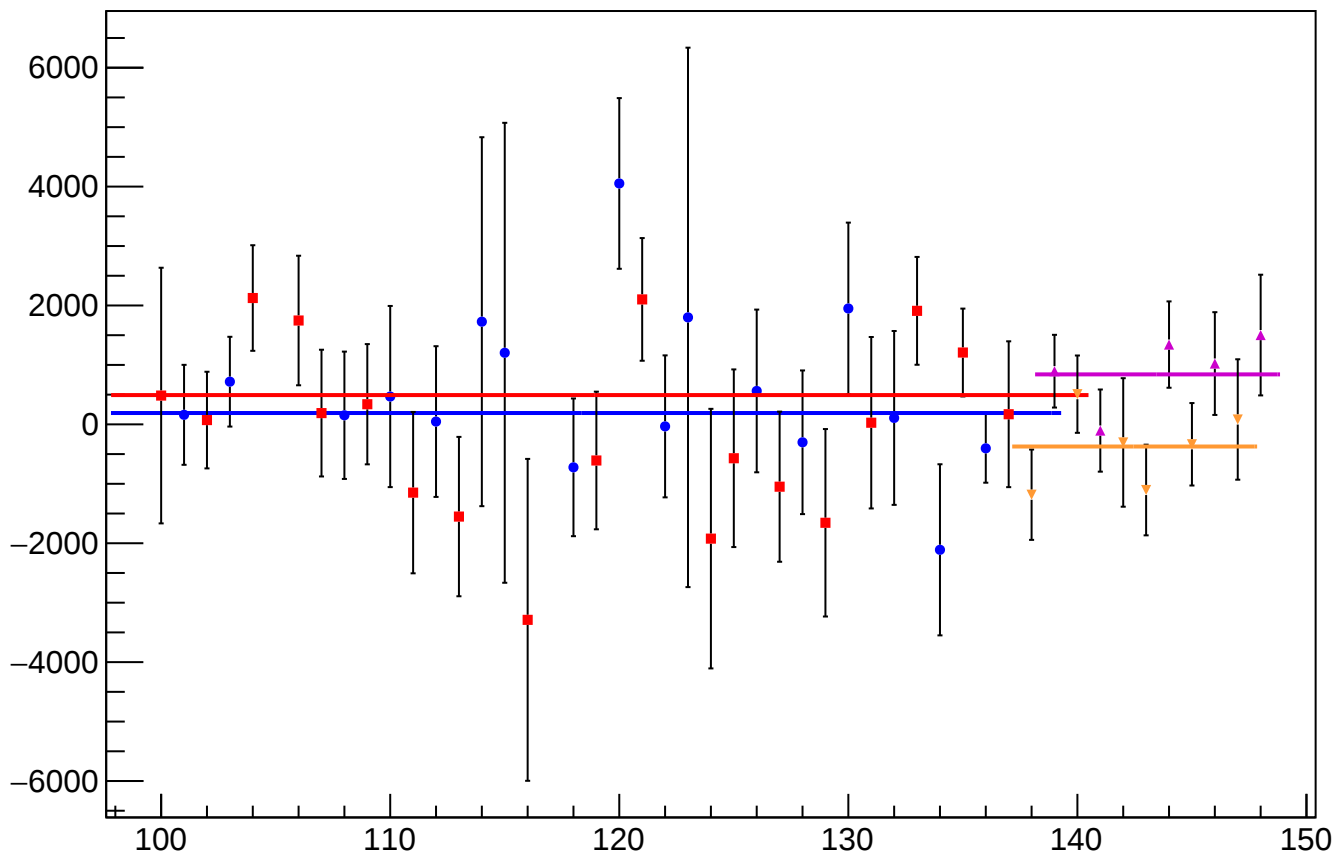
Right: 702.750 ± 0.137 $\chi^2/NDF: 1340019.7/35$

In: 696.581 ± 0.153 $\chi^2/NDF: 891488.6/21$

Out: 683.373 ± 0.146 $\chi^2/NDF: 833143.5/24$

All: 689.662 ± 0.106 $\chi^2/NDF: 1728516.7/46$

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -372.653 $\pm$ 320.703 χ^2/NDF : 4.1/5

Right Out: 492.659 $\pm$ 262.648 χ^2/NDF : 22.8/18

Left In: 840.817 $\pm$ 333.894 χ^2/NDF : 2.8/4

Left: 209.640 $\pm$ 231.294 χ^2/NDF : 13.8/10

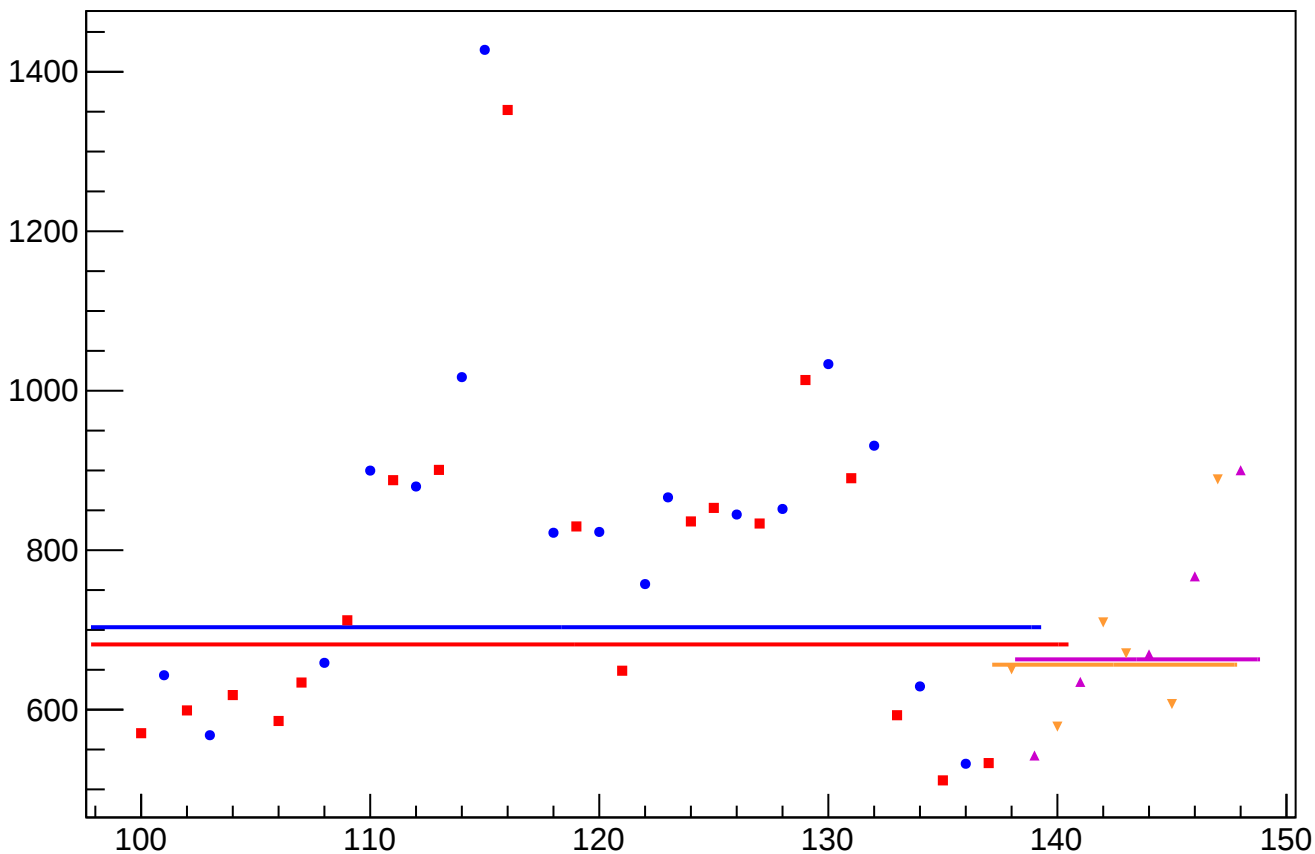
Right: 350.694 $\pm$ 191.134 χ^2/NDF : 37.6/35

In: 457.728 $\pm$ 213.946 χ^2/NDF : 19.3/21

Out: 145.274 $\pm$ 203.199 χ^2/NDF : 31.2/24

All: 293.457 $\pm$ 147.336 χ^2/NDF : 51.6/46

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 656.396 $\pm$ 0.227 χ^2/NDF :149580.1/5

Right Out: 681.807 $\pm$ 0.186 χ^2/NDF : 664797.9/18

Left In: 663.082 $\pm$ 0.236 χ^2/NDF :219374.0/4

Left: 659.604 $\pm$ 0.164 χ^2/NDF : 369371.2/10

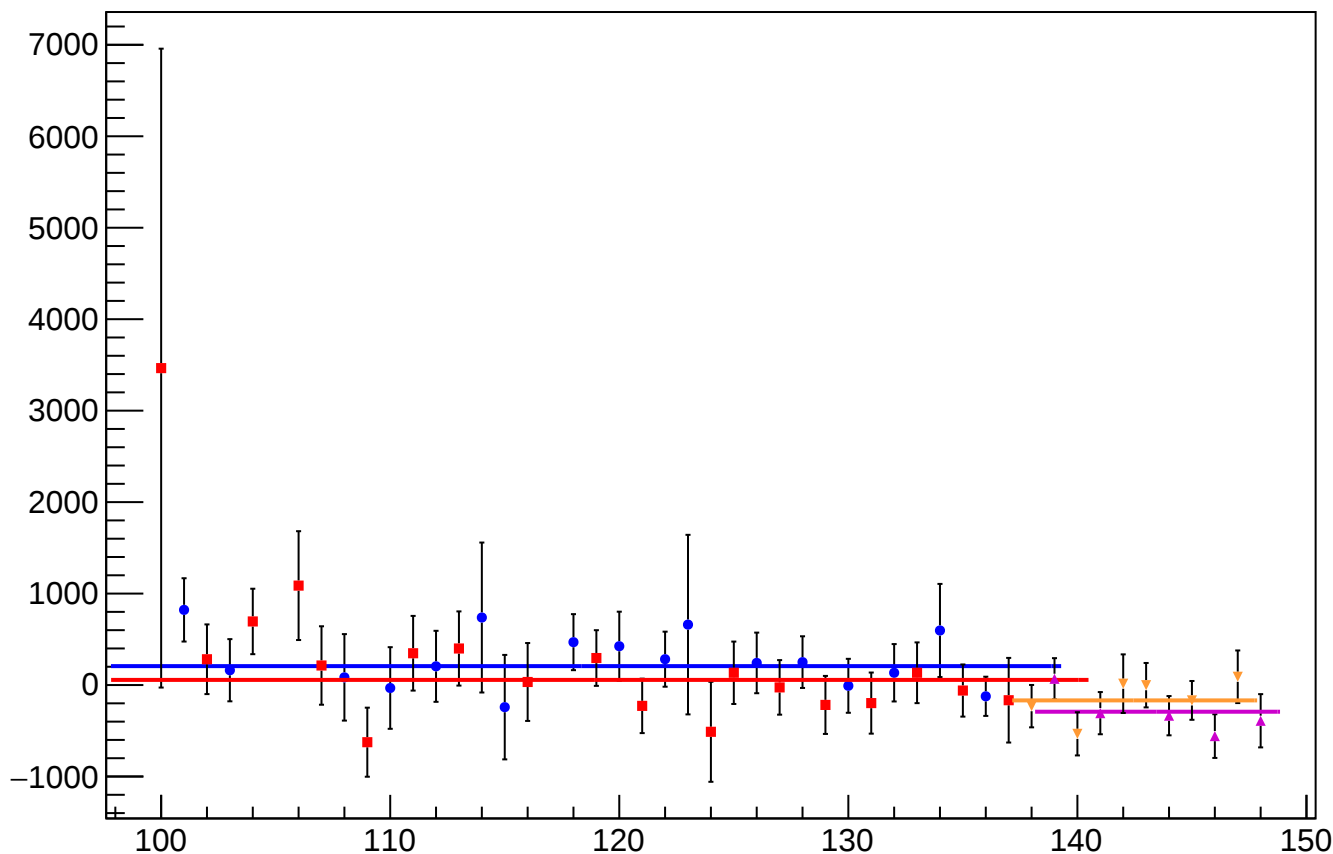
Right: 691.968 $\pm$ 0.135 χ^2/NDF : 1338046.5/35

In: 686.850 $\pm$ 0.151 χ^2/NDF :903453.5/21

Out: 671.605 $\pm$ 0.144 χ^2/NDF :821893.6/24

All: 678.835 $\pm$ 0.104 χ^2/NDF : 1730685.8/46

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 χ^2/NDF : 9.5/16

Left Out: -167.874 ± 101.239 χ^2/NDF : 4.1/5

Right Out: 56.213 ± 85.167 χ^2/NDF : 16.6/18

Left In: -291.699 ± 105.712 χ^2/NDF : 4.0/4

Left: -227.111 ± 73.117 χ^2/NDF : 8.7/10

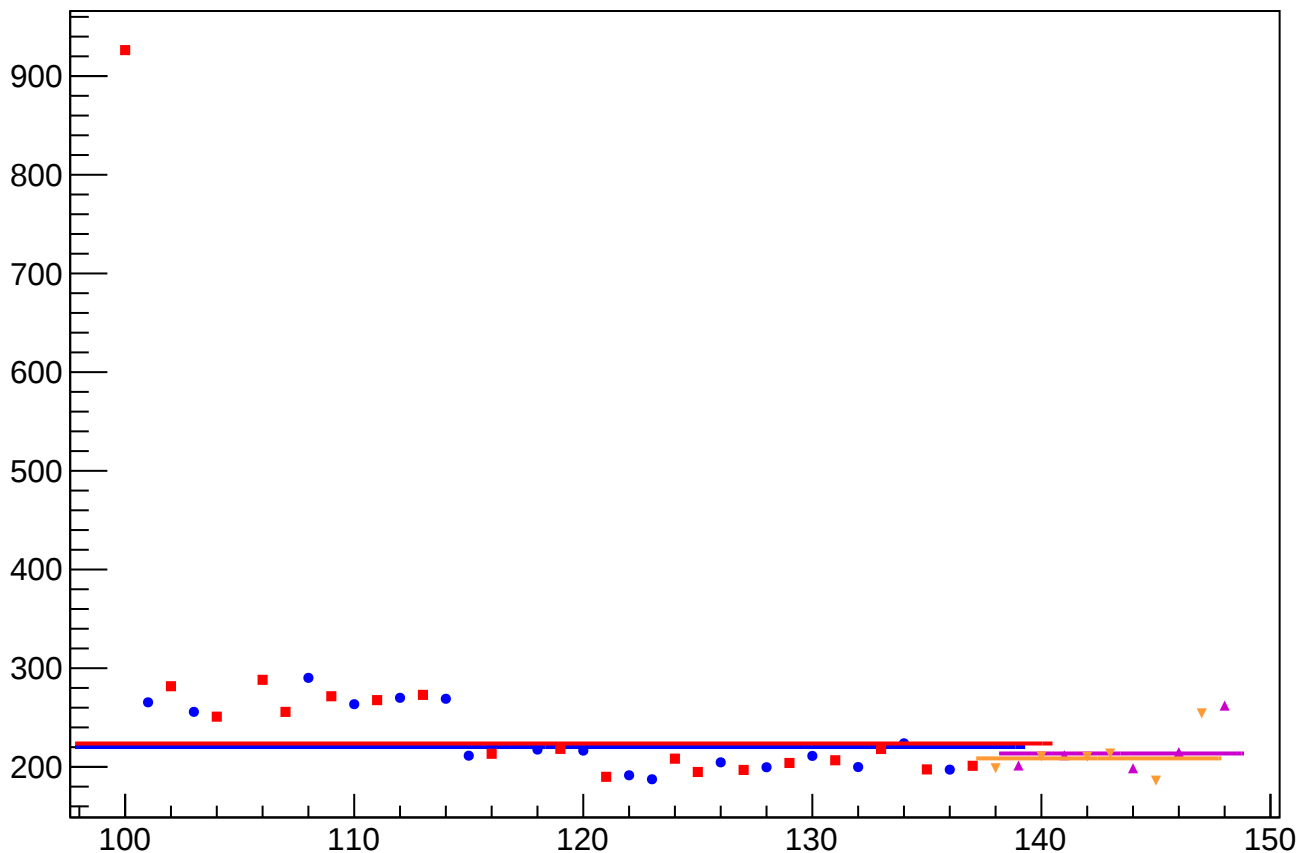
Right: 131.133 ± 60.386 χ^2/NDF : 27.7/35

In: 9.341 ± 66.540 χ^2/NDF : 26.9/21

Out: -36.652 ± 65.173 χ^2/NDF : 23.6/24

All: -14.133 ± 46.560 χ^2/NDF : 50.7/46

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 208.623 $\pm$ 0.072 χ^2 /NDF: 77668.0/5

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 213.589 $\pm$ 0.075 χ^2 /NDF: 71274.9/4

Left: 210.999 $\pm$ 0.052 χ^2 /NDF: 151245.2/10

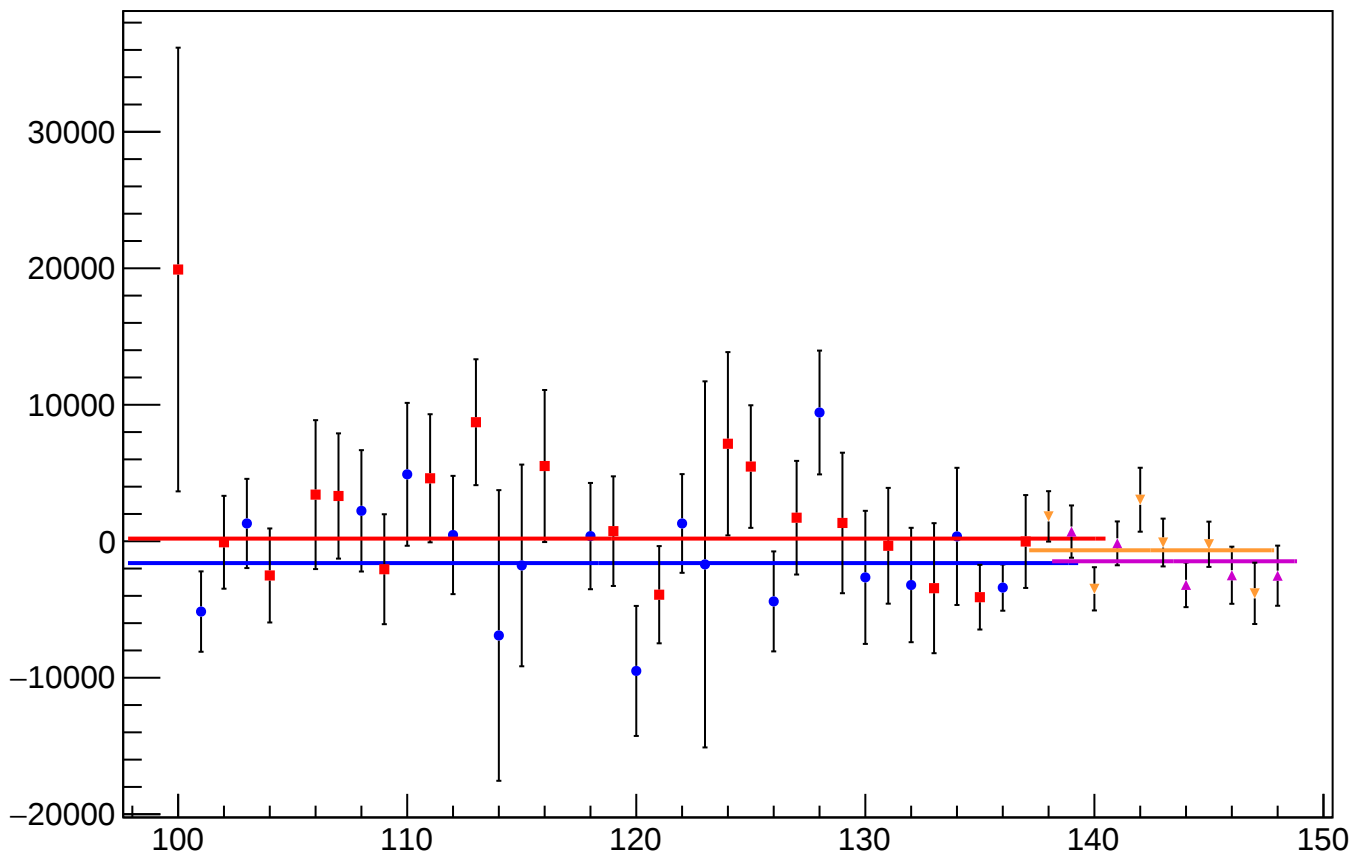
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 217.540 $\pm$ 0.047 χ^2 /NDF: 304346.1/21

Out: 217.455 $\pm$ 0.046 χ^2 /NDF: 456904.4/24

All: 217.497 $\pm$ 0.033 χ^2 /NDF: 761252.1/46

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -661.632 $\pm$ 753.376 χ^2 /NDF:9.6/5

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -1466.366 $\pm$ 825.017 χ^2 /NDF:3.5/4

Left: -1027.548 $\pm$ 556.324 χ^2 /NDF: 13.7/10

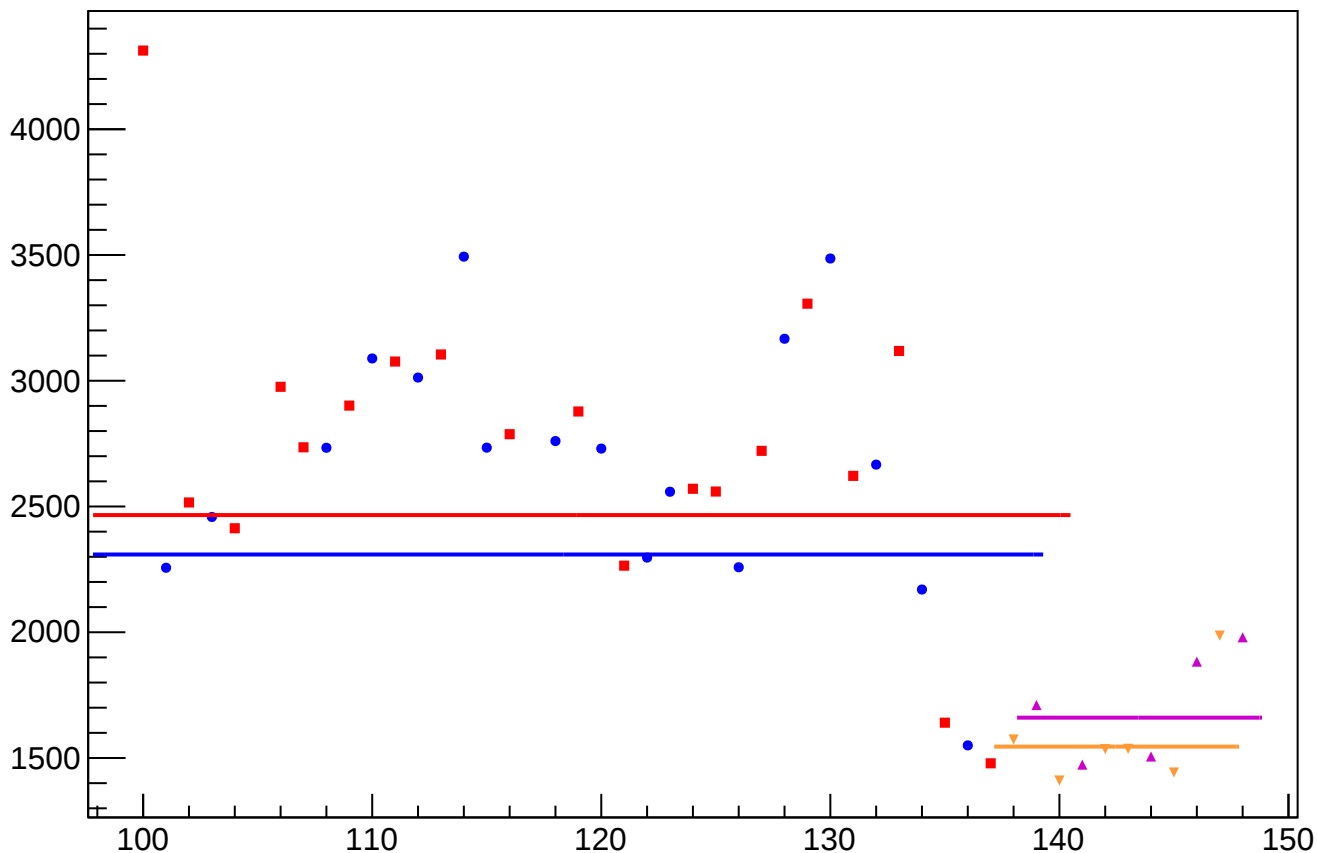
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -1525.431 $\pm$ 614.529 χ^2 /NDF:20.2/21

Out: -329.831 $\pm$ 589.684 χ^2 /NDF:26.4/24

All: -902.974 $\pm$ 425.482 χ^2 /NDF: 48.6/46

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1545.287+/-0.533 χ^2/NDF : 99966.5/5

Right Out: 2465.900+/-0.670 χ^2/NDF : 694086.3/18

Left In: 1660.438+/-0.583 χ^2/NDF : 110988.4/4

Left: 1597.647+/-0.393 χ^2/NDF : 232200.7/10

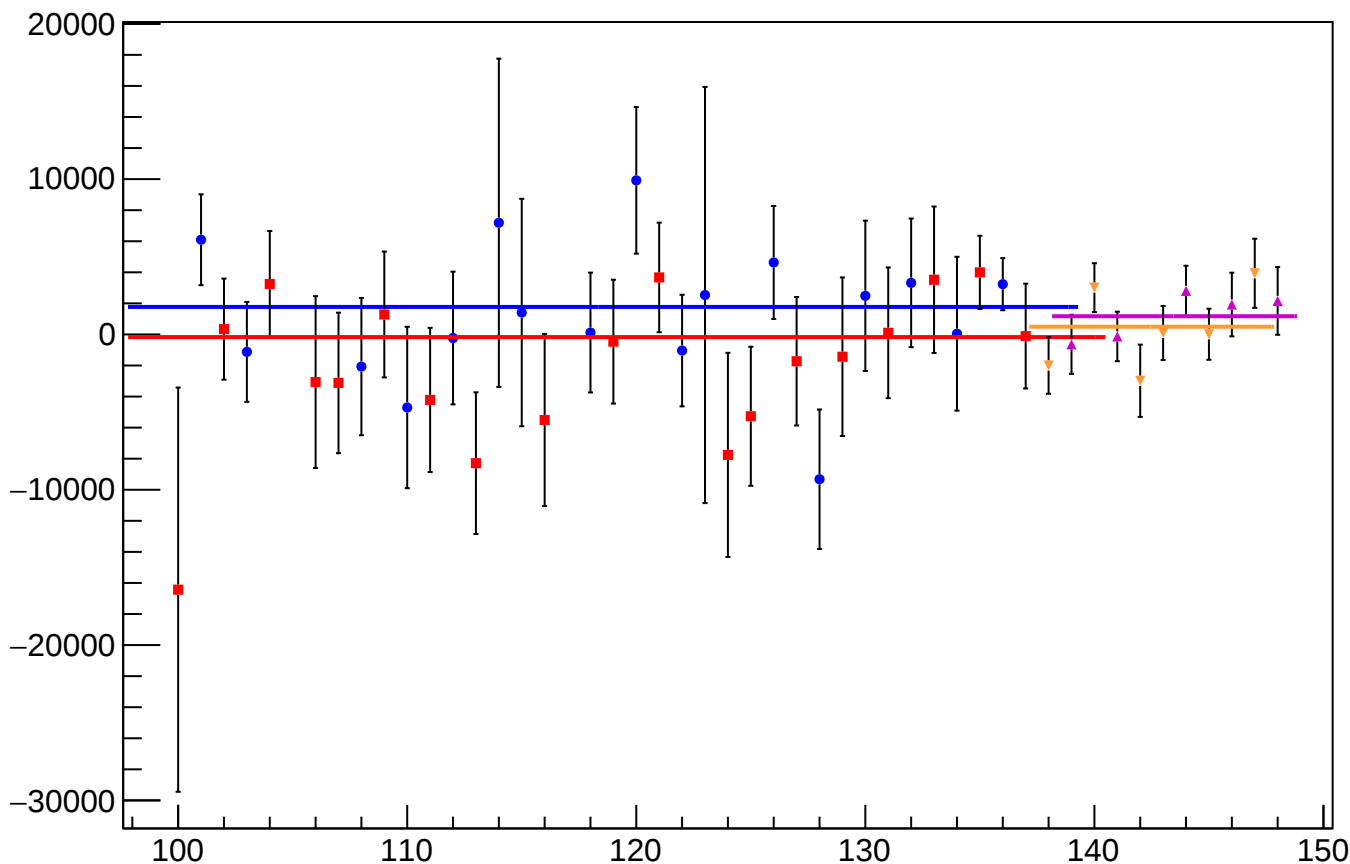
Right: 2385.298+/-0.467 χ^2/NDF : 1522965.3/35

In: 1949.218+/-0.435 χ^2/NDF : 1462156.1/21

Out: 1901.882+/-0.417 χ^2/NDF : 1950854.8/24

All: 1924.574+/-0.301 χ^2/NDF : 3419188.8/46

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 497.111+/-746.814 χ^2/NDF : 9.2/5

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 1171.746+/-816.151 χ^2/NDF : 2.9/4

Left: 804.559+/-550.962 χ^2/NDF : 12.5/10

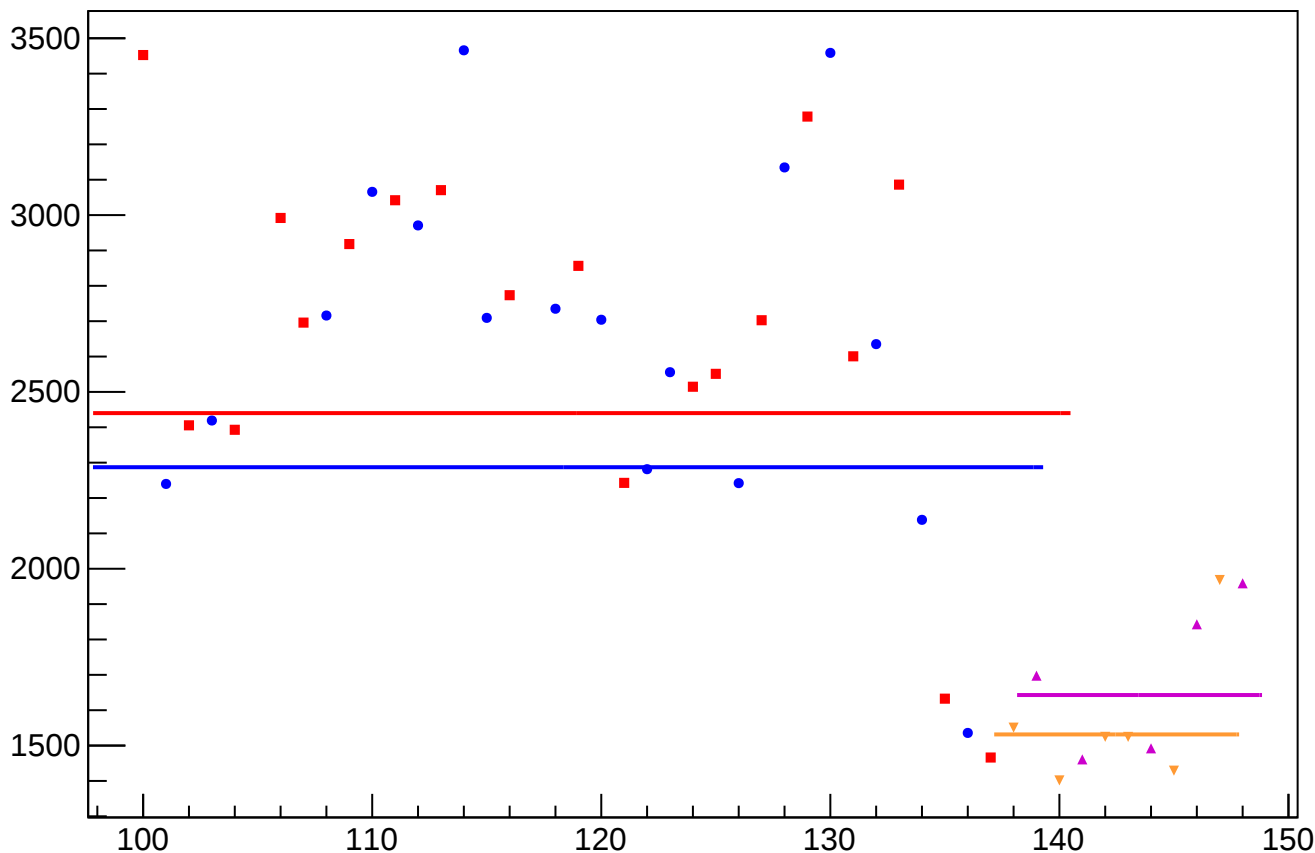
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 1438.256+/-608.277 χ^2/NDF : 20.5/21

Out: 237.744+/-584.109 χ^2/NDF : 25.5/24

All: 813.678+/-421.312 χ^2/NDF : 48.1/46

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1531.535 $\pm$ 0.528 χ^2/NDF : 98699.8/5

Right Out: 2440.067 $\pm$ 0.663 χ^2/NDF : 679108.5/18

Left In: 1642.926 $\pm$ 0.577 χ^2/NDF : 106164.9/4

Left: 1582.298 $\pm$ 0.390 χ^2/NDF : 225142.1/10

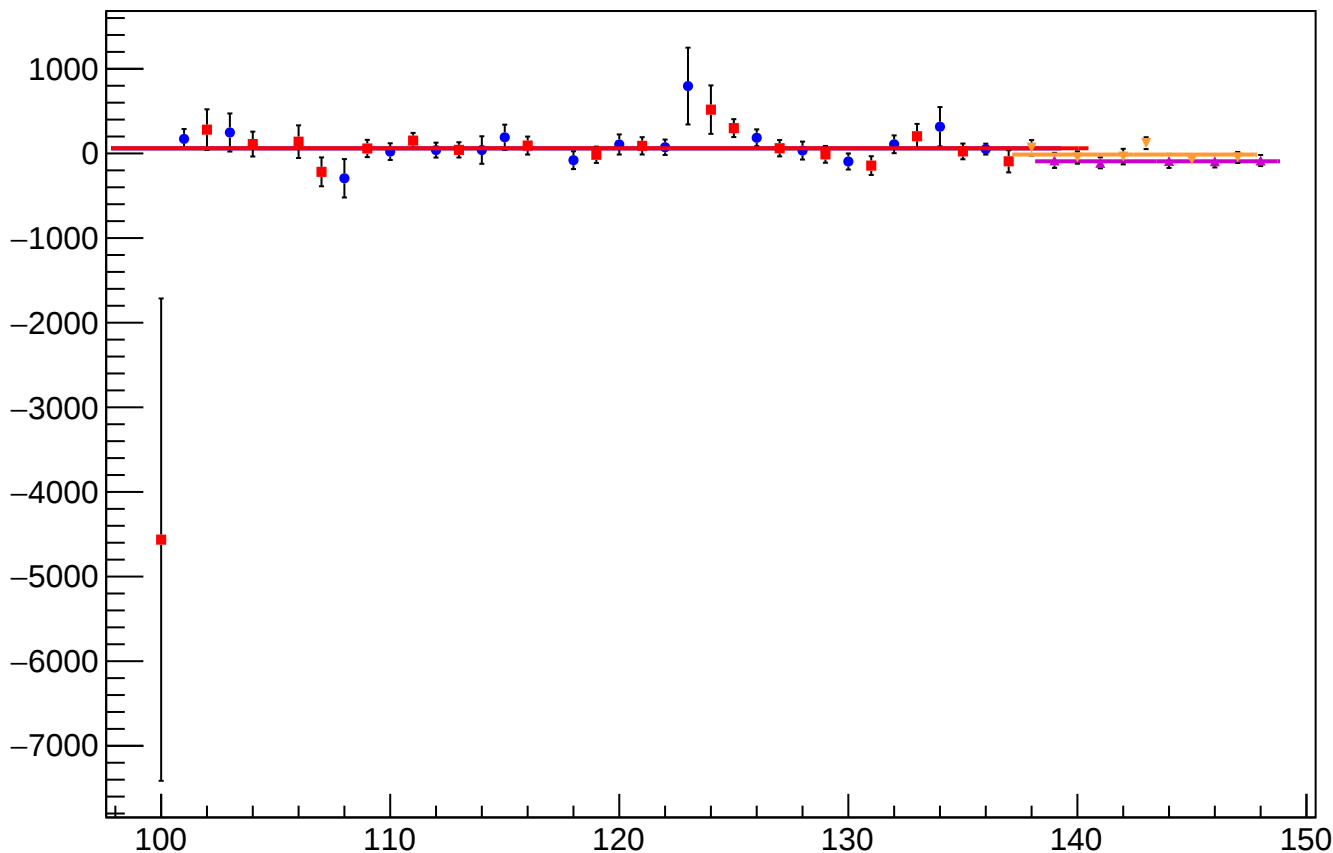
Right: 2361.511 $\pm$ 0.462 χ^2/NDF : 1505856.7/35

In: 1929.281 $\pm$ 0.430 χ^2/NDF : 1459421.2/21

Out: 1884.286 $\pm$ 0.413 χ^2/NDF : 1927058.1/24

All: 1905.872 $\pm$ 0.298 χ^2/NDF : 3392172.7/46

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -13.151 $\pm$ 29.257 χ^2 /NDF:6.2/5

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -92.785 $\pm$ 32.930 χ^2 /NDF:0.1/4

Left: -48.281 $\pm$ 21.872 χ^2 /NDF: 9.6/10

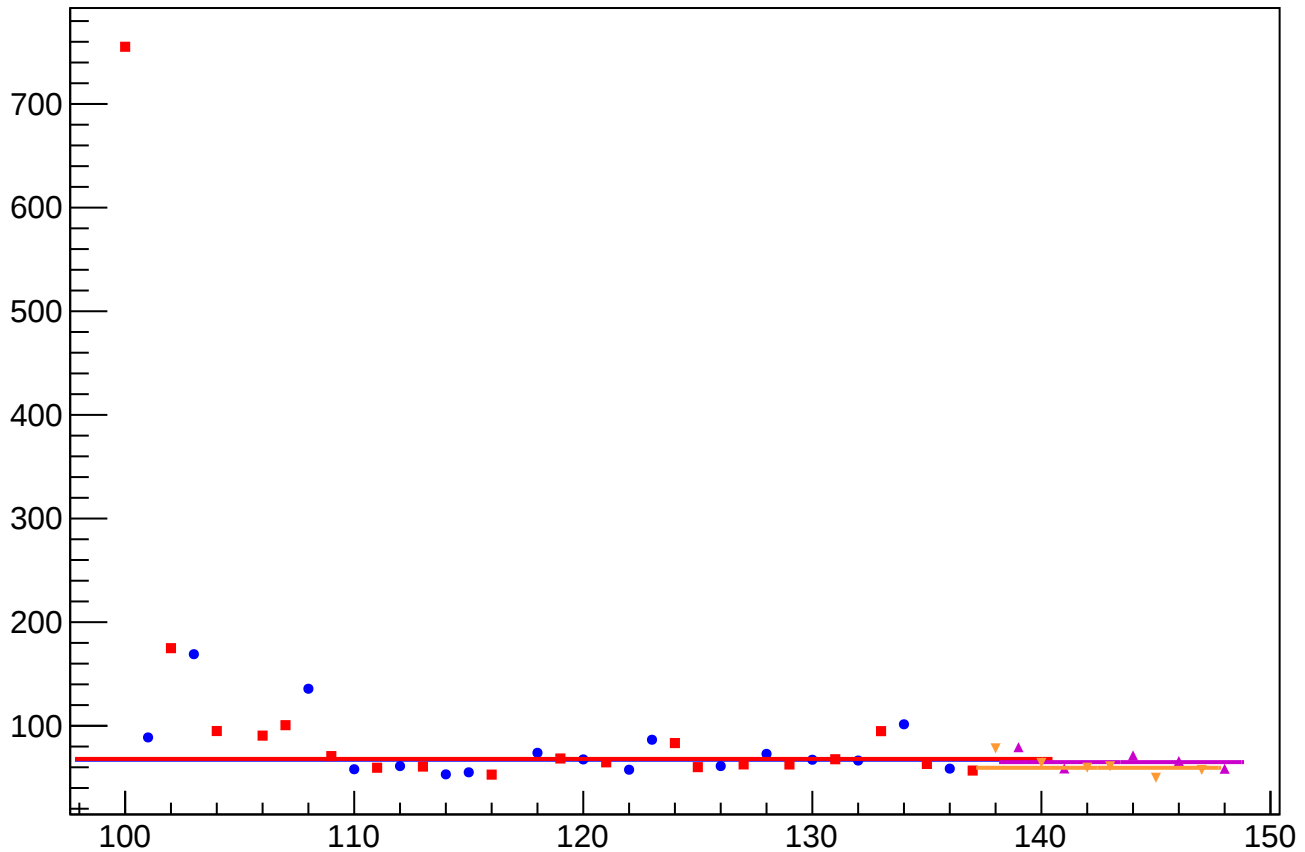
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -1.842 $\pm$ 20.916 χ^2 /NDF:28.2/21

Out: 26.874 $\pm$ 19.846 χ^2 /NDF:32.0/24

All: 13.269 $\pm$ 14.396 χ^2 /NDF: 61.2/46

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297+/-0.019 χ^2/NDF : 841352.2/16

Left Out: 59.504+/-0.021 χ^2/NDF : 150757.6/5

Right Out: 68.060+/-0.019 χ^2/NDF : 870616.5/18

Left In: 64.969+/-0.023 χ^2/NDF : 101685.3/4

Left: 61.915+/-0.015 χ^2/NDF : 283229.5/10

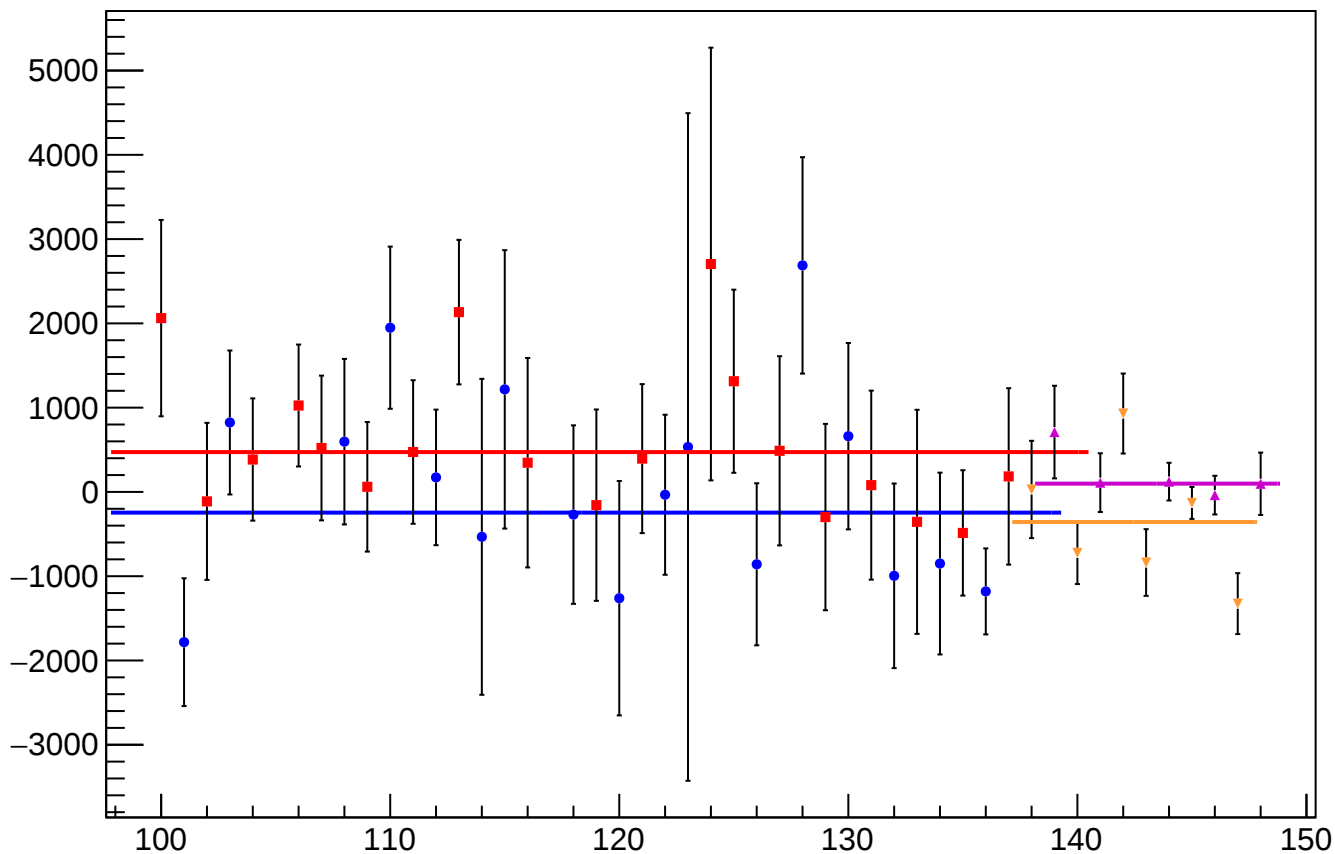
Right: 67.679+/-0.014 χ^2/NDF : 1712764.6/35

In: 66.358+/-0.015 χ^2/NDF : 948999.4/21

Out: 64.123+/-0.014 χ^2/NDF : 1113717.6/24

All: 65.182+/-0.010 χ^2/NDF : 2074730.7/46

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -356.600+/-133.012 χ^2/NDF : 18.8/5

Right Out: 472.860+/-218.823 χ^2/NDF : 11.3/18

Left In: 98.258+/-131.519 χ^2/NDF : 1.6/4

Left: -126.603+/-93.521 χ^2/NDF : 26.4/10

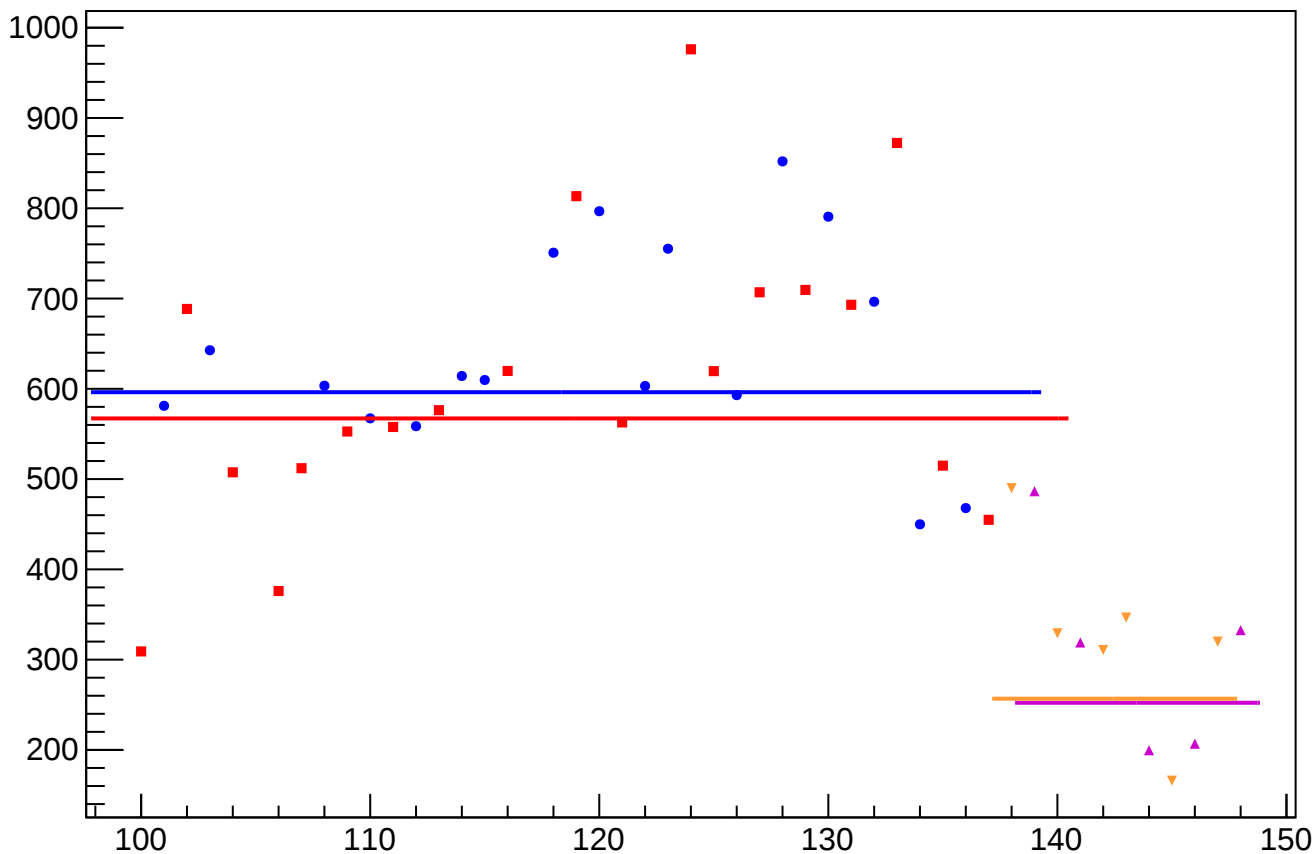
Right: 139.807+/-160.273 χ^2/NDF : 40.1/35

In: 16.452+/-114.815 χ^2/NDF : 27.0/21

Out: -132.814+/-113.661 χ^2/NDF : 40.7/24

All: -58.934+/-80.775 χ^2/NDF : 68.5/46

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 256.757+/-0.094 χ^2/NDF : 1050913.9/5

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 252.226+/-0.093 χ^2/NDF : 720191.2/4

Left: 254.466+/-0.066 χ^2/NDF : 1772278.5/10

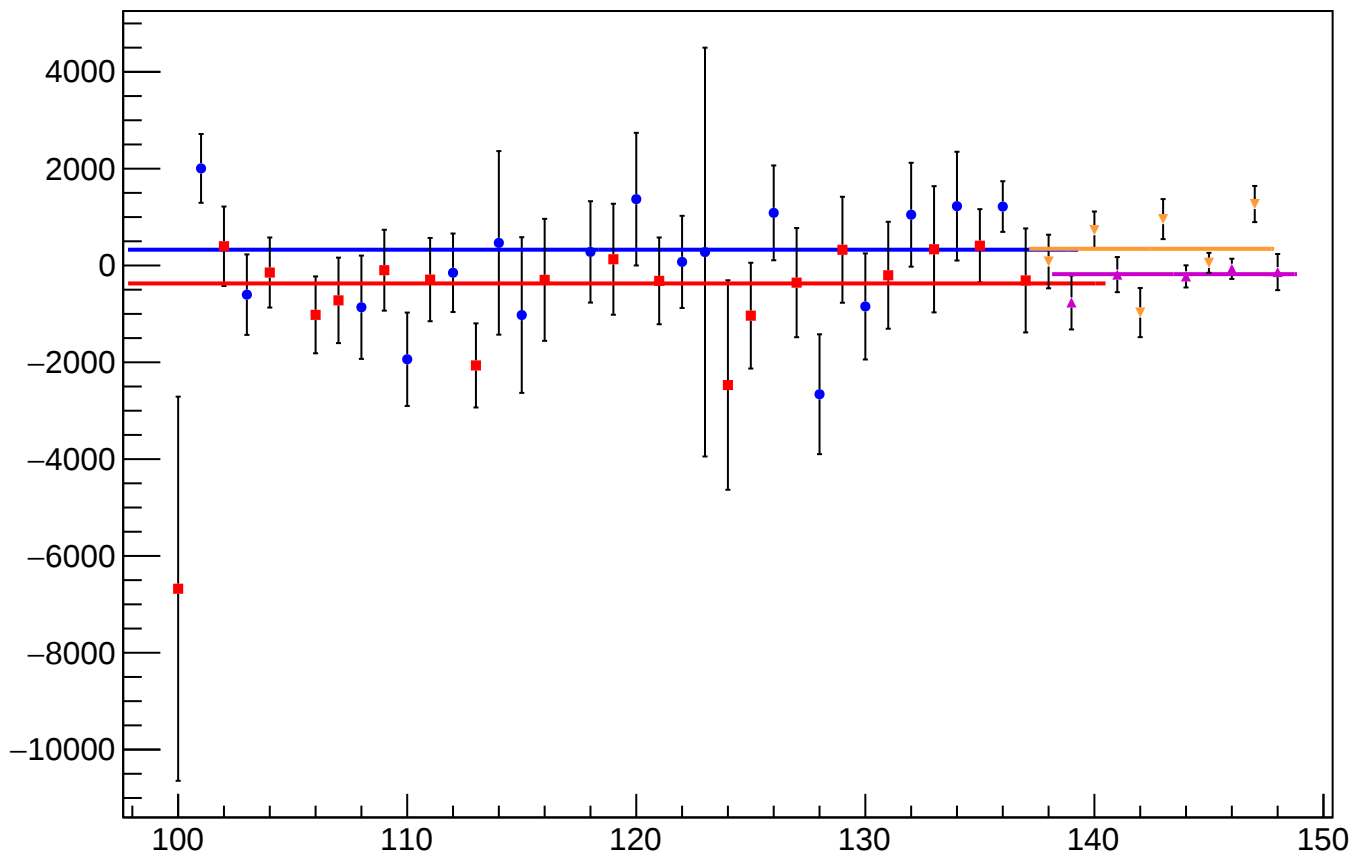
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 334.063+/-0.081 χ^2/NDF : 4397635.9/21

Out: 340.507+/-0.080 χ^2/NDF : 4665216.0/24

All: 337.318+/-0.057 χ^2/NDF : 9066034.1/46

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 344.890 $\pm$ 140.682 χ^2 /NDF:18.3/5

Right Out: -370.721 $\pm$ 224.892 χ^2 /NDF: 11.5/18

Left In: -178.869 $\pm$ 128.858 χ^2 /NDF:1.4/4

Left: 60.078 $\pm$ 95.022 χ^2 /NDF: 27.2/10

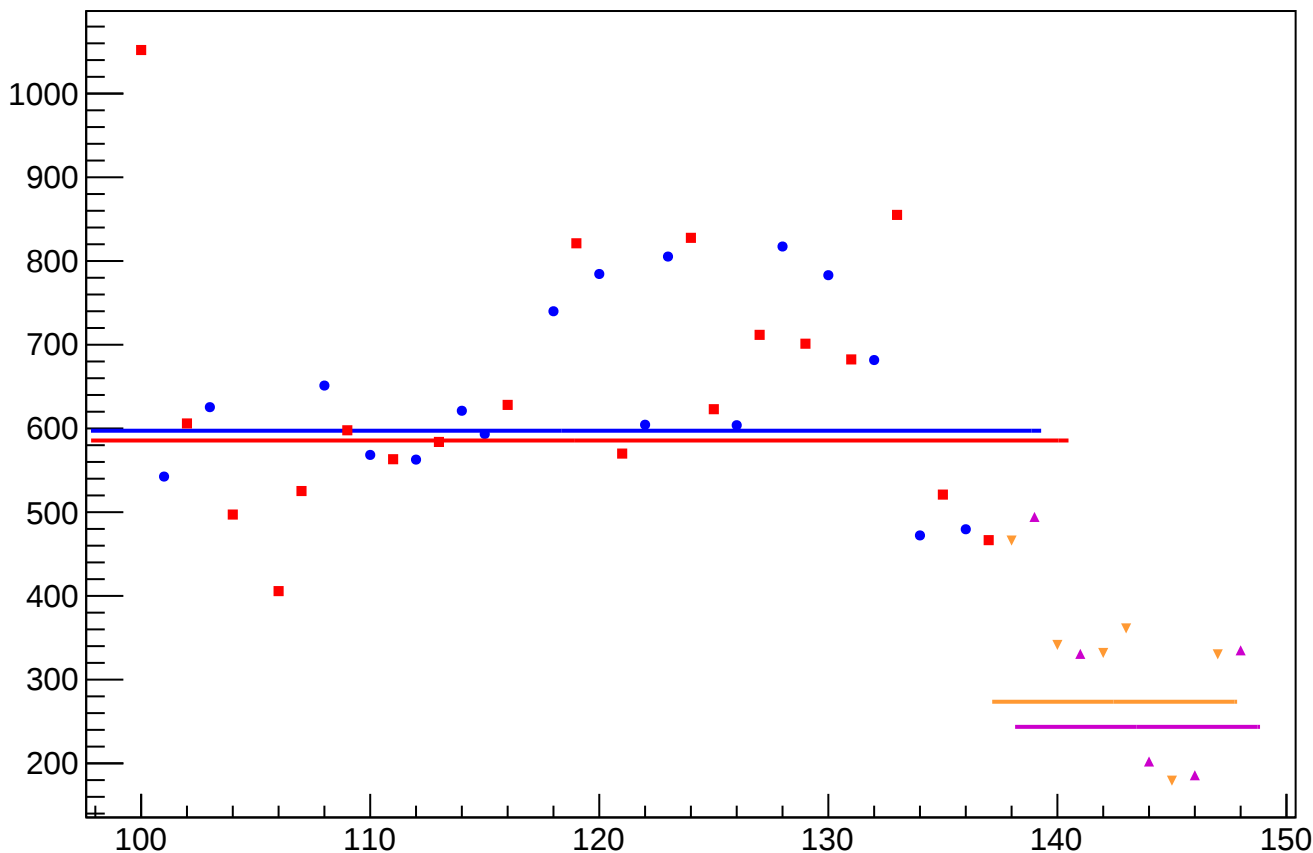
Right: -38.515 $\pm$ 162.676 χ^2 /NDF: 43.0/35

In: -62.600 $\pm$ 113.053 χ^2 /NDF:31.8/21

Out: 143.619 $\pm$ 119.269 χ^2 /NDF:37.1/24

All: 34.996 $\pm$ 82.050 χ^2 /NDF: 70.5/46

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 273.593 $\pm$ 0.099 χ^2 /NDF:886201.7/5

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 243.598 $\pm$ 0.091 χ^2 /NDF:859598.8/4

Left: 257.282 $\pm$ 0.067 χ^2 /NDF: 1795238.5/10

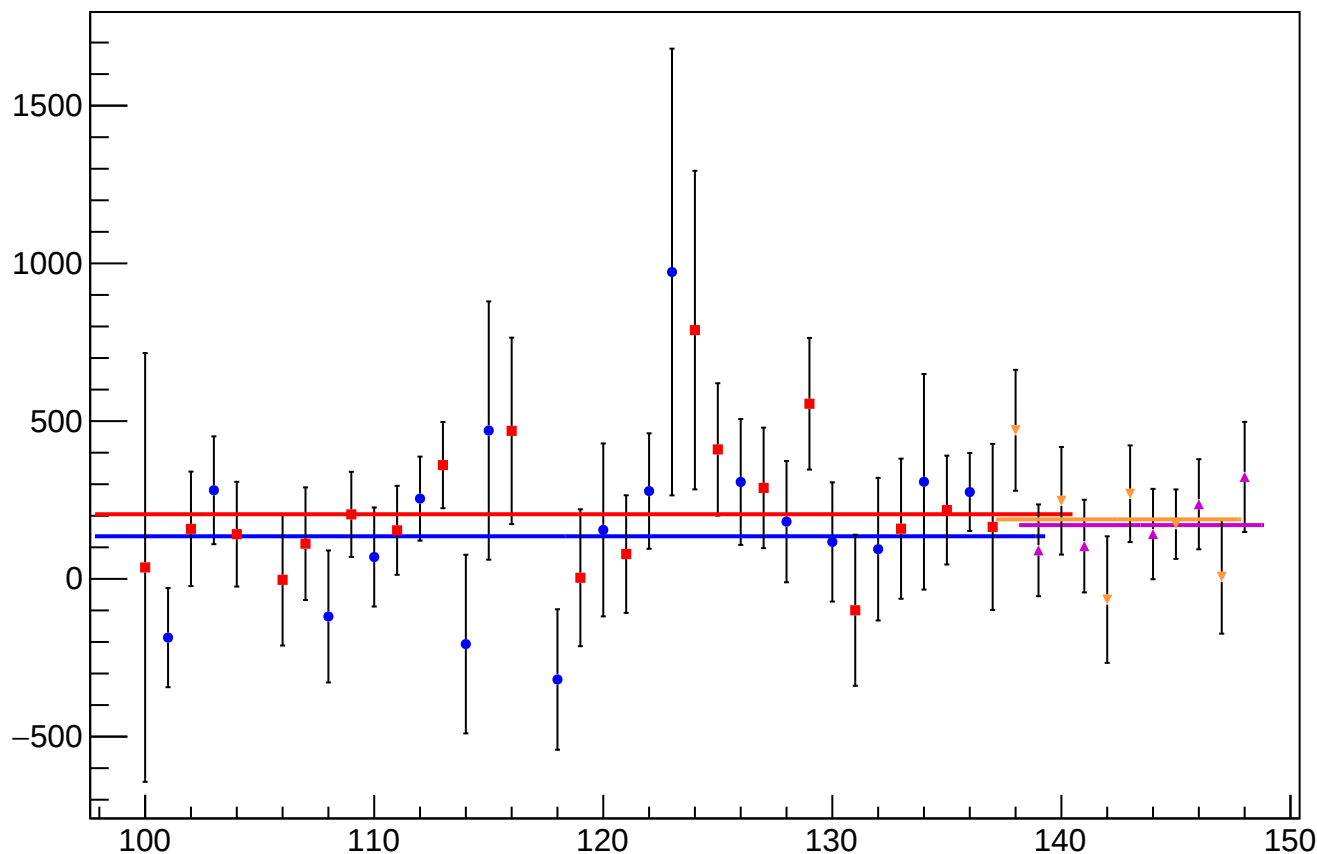
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 325.041 $\pm$ 0.080 χ^2 /NDF:4692983.5/21

Out: 361.352 $\pm$ 0.084 χ^2 /NDF:4127924.9/24

All: 342.226 $\pm$ 0.058 χ^2 /NDF: 8918549.1/46

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: 188.650 $\pm$ 64.234 χ^2 /NDF: 5.2/5

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 170.475 $\pm$ 66.786 χ^2 /NDF: 1.5/4

Left: 179.916 $\pm$ 46.296 χ^2 /NDF: 6.8/10

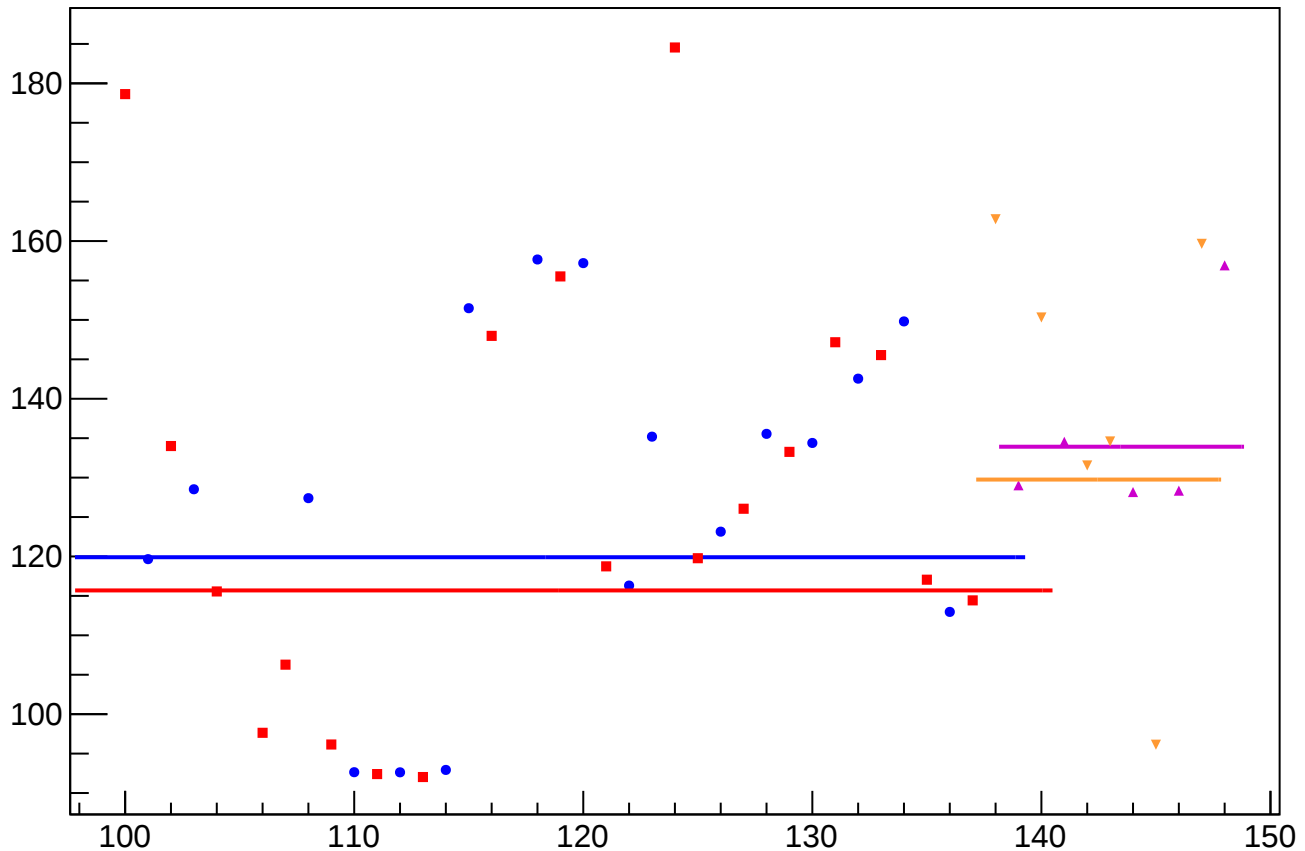
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 146.777 $\pm$ 38.450 χ^2 /NDF: 19.8/21

Out: 199.617 $\pm$ 36.546 χ^2 /NDF: 17.3/24

All: 174.537 $\pm$ 26.489 χ^2 /NDF: 38.1/46

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 129.752+/-0.045 χ^2/NDF : 332169.3/5

Right Out: 115.693+/-0.031 χ^2/NDF : 435335.9/18

Left In: 133.918+/-0.047 χ^2/NDF : 43306.7/4

Left: 131.754+/-0.033 χ^2/NDF : 379517.4/10

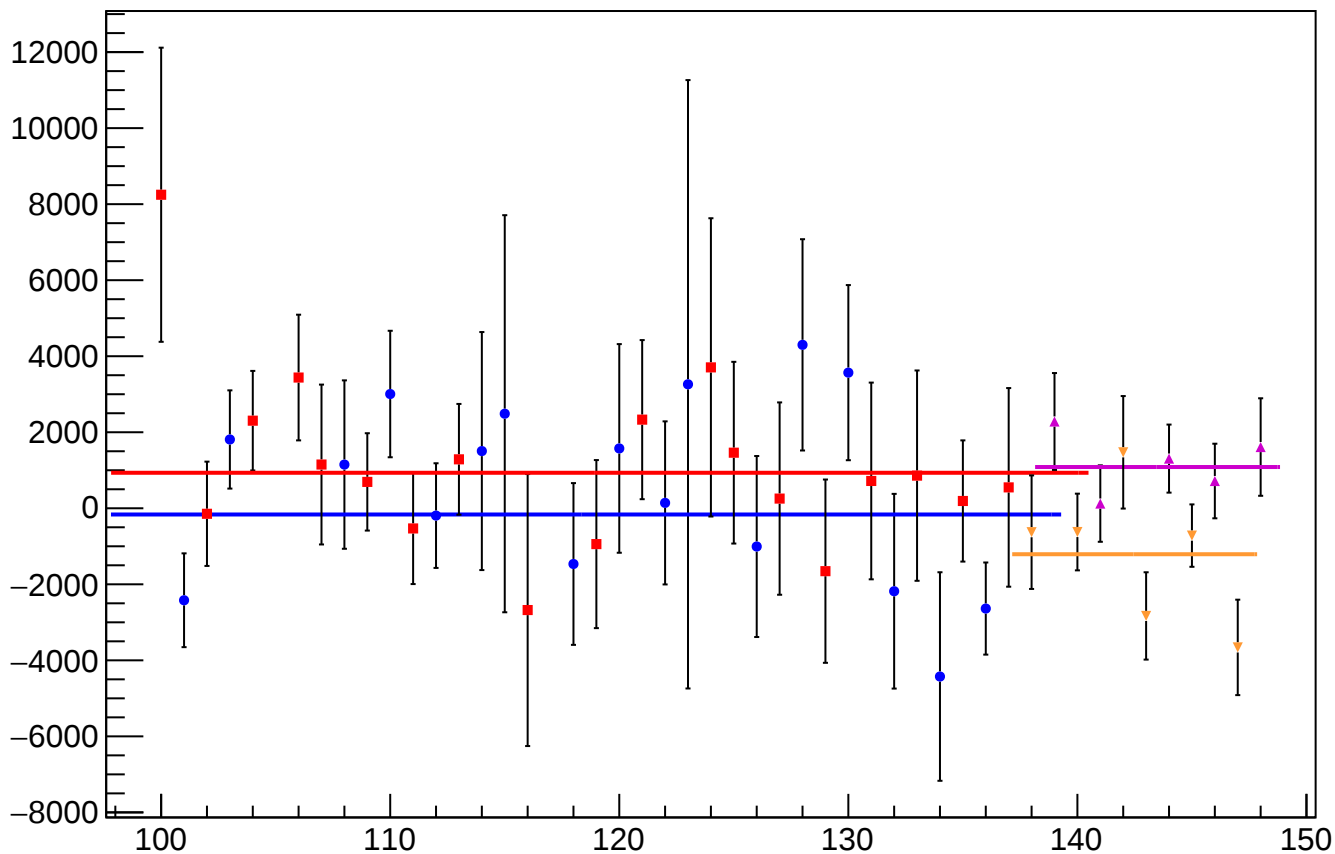
Right: 117.679+/-0.023 χ^2/NDF : 789317.7/35

In: 124.548+/-0.027 χ^2/NDF : 447692.8/21

Out: 120.244+/-0.026 χ^2/NDF : 832307.1/24

All: 122.287+/-0.019 χ^2/NDF : 1293169.4/46

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -1208.859+/-458.091 χ^2/NDF : 9.9/5

Right Out: 933.992+/-437.648 χ^2/NDF : 12.9/18

Left In: 1085.203+/-471.418 χ^2/NDF : 2.2/4

Left: -94.714+/-328.530 χ^2/NDF : 24.3/10

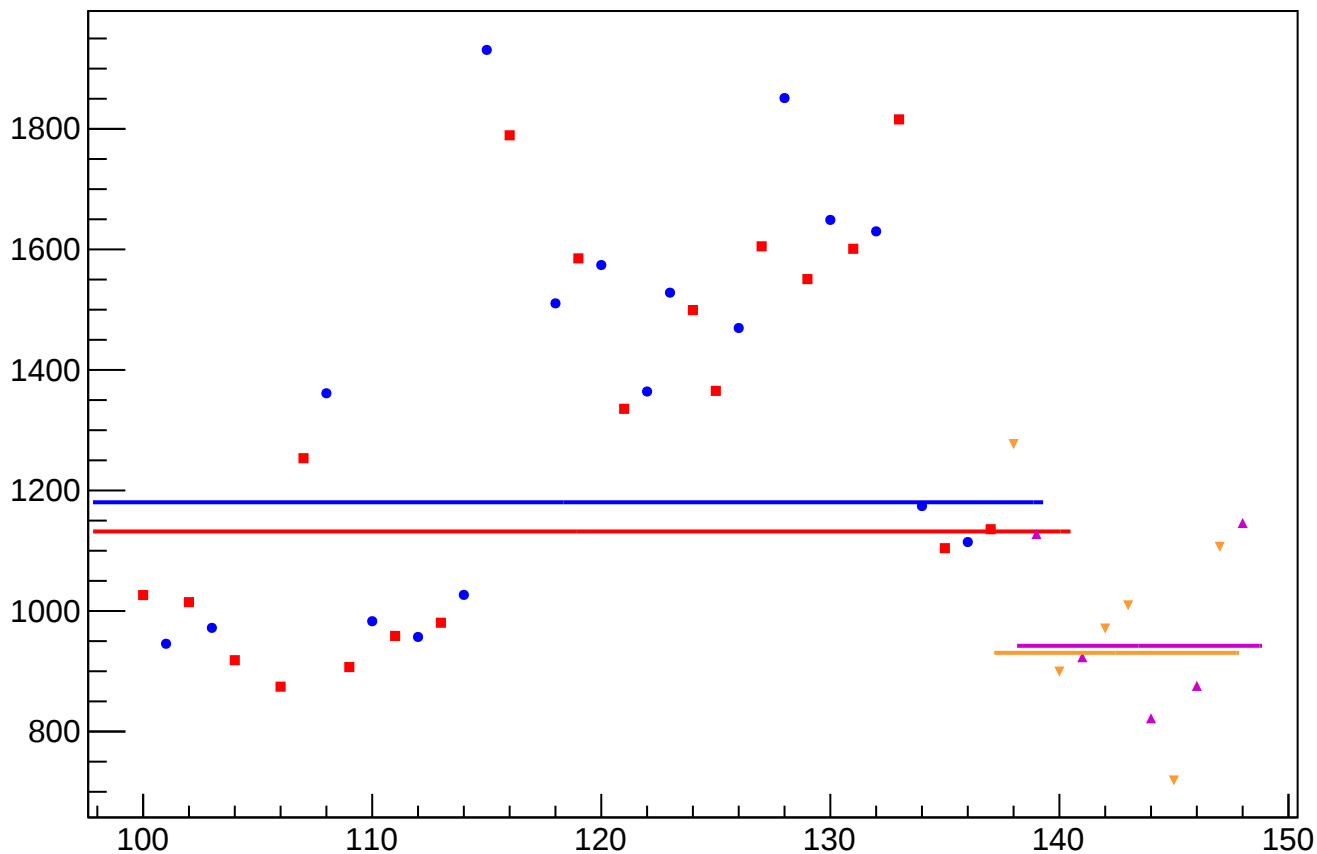
Right: 423.822+/-320.162 χ^2/NDF : 39.5/35

In: 458.409+/-332.695 χ^2/NDF : 29.4/21

Out: -88.556+/-316.444 χ^2/NDF : 34.3/24

All: 171.242+/-229.290 χ^2/NDF : 65.1/46

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: 930.594 $\pm$ 0.324 χ^2/NDF : 292846.8/5

Right Out: 1131.979 $\pm$ 0.309 χ^2/NDF : 761904.0/18

Left In: 942.271 $\pm$ 0.333 χ^2/NDF : 138892.4/4

Left: 936.265 $\pm$ 0.232 χ^2/NDF : 432370.4/10

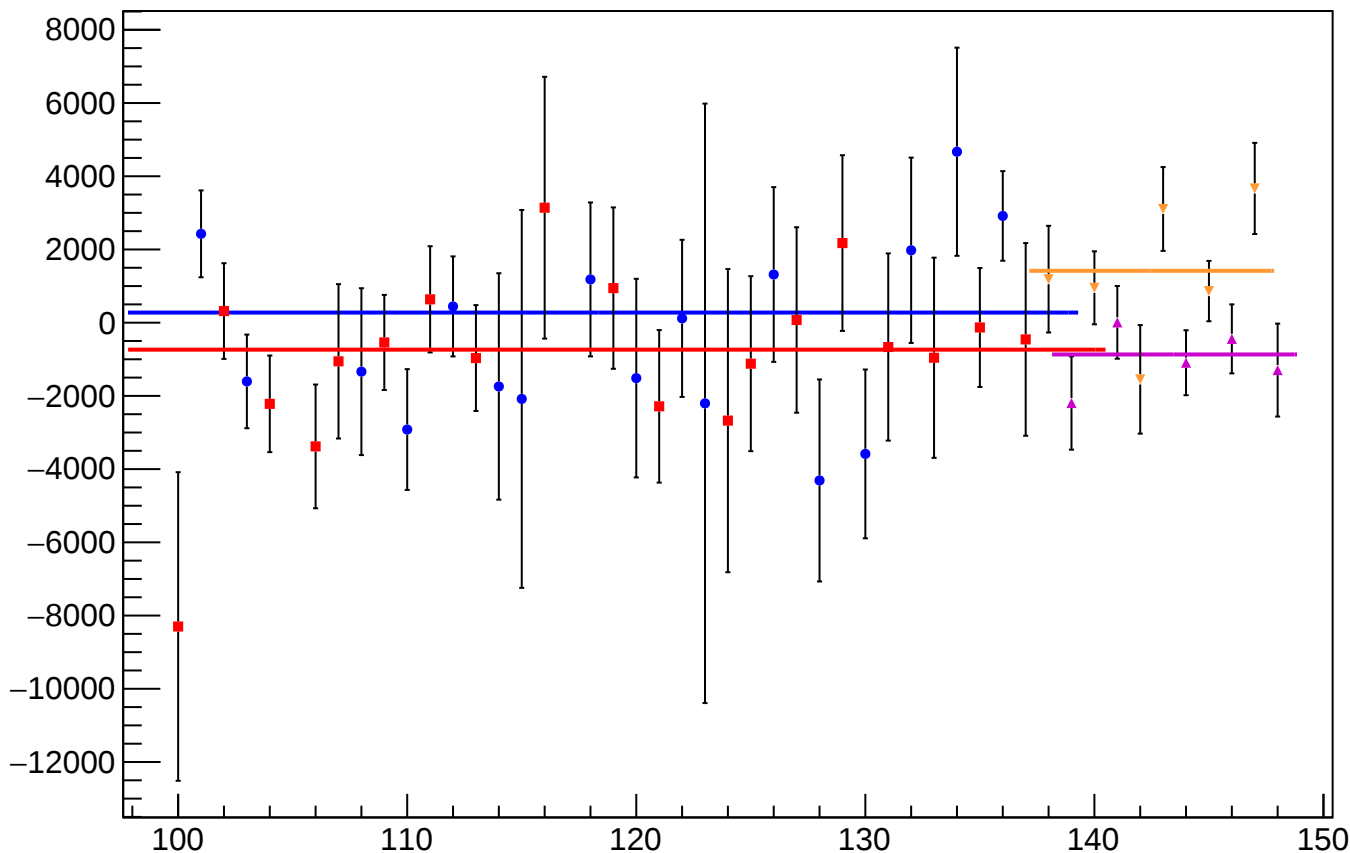
Right: 1154.488 $\pm$ 0.226 χ^2/NDF : 1442131.1/35

In: 1061.799 $\pm$ 0.235 χ^2/NDF : 1063893.6/21

Out: 1035.880 $\pm$ 0.224 χ^2/NDF : 1256830.8/24

All: 1048.191 $\pm$ 0.162 χ^2/NDF : 2327097.6/46

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1416.830 $\pm$ 455.918 χ^2 /NDF:10.1/5

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -868.000 $\pm$ 463.934 χ^2 /NDF:2.2/4

Left: 294.325 $\pm$ 325.180 χ^2 /NDF: 24.7/10

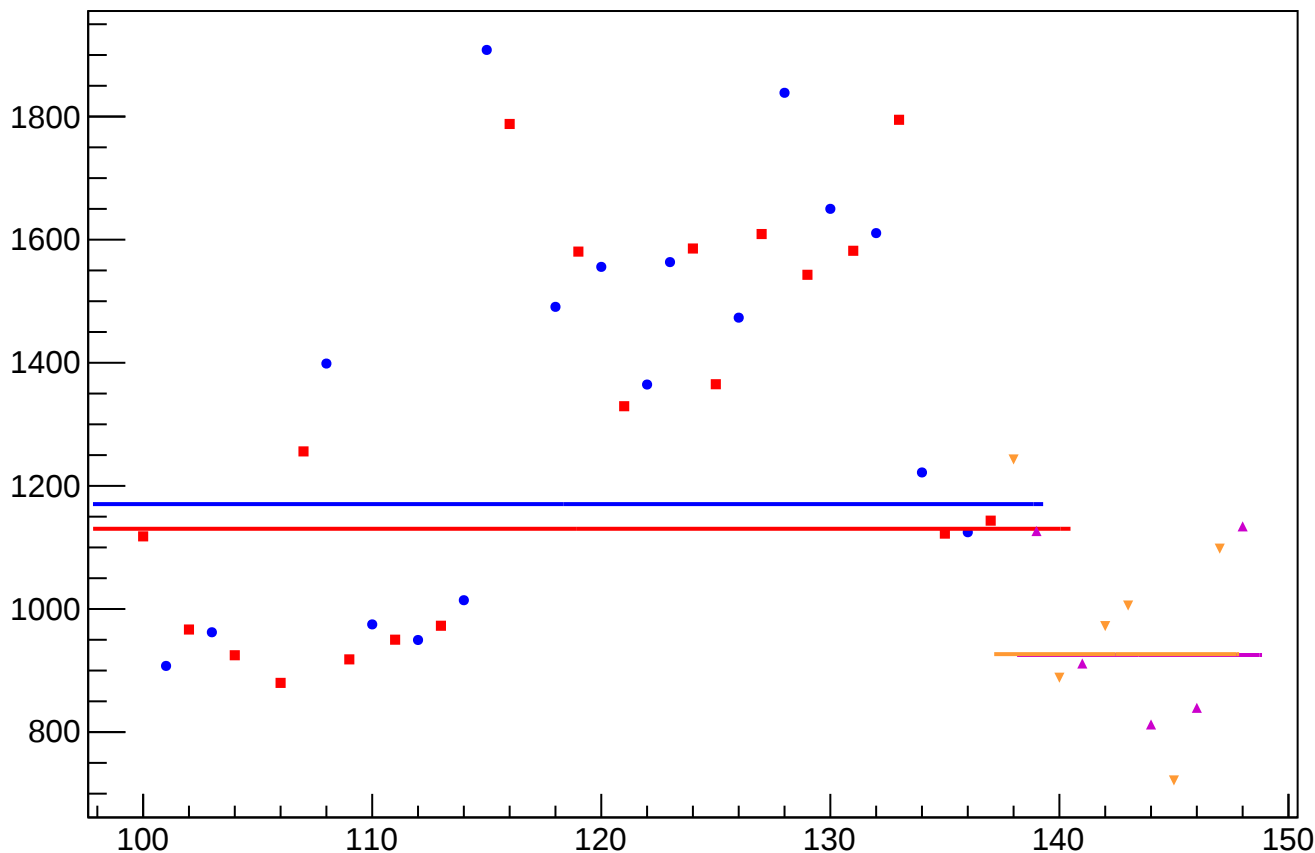
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -298.852 $\pm$ 328.928 χ^2 /NDF:29.6/21

Out: 295.536 $\pm$ 315.650 χ^2 /NDF:34.6/24

All: 10.580 $\pm$ 227.748 χ^2 /NDF: 65.9/46

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404+/-0.330 χ^2/NDF : 705486.8/16

Left Out: 926.661+/-0.322 χ^2/NDF : 270396.6/5

Right Out: 1130.322+/-0.309 χ^2/NDF : 763044.5/18

Left In: 925.262+/-0.328 χ^2/NDF : 153467.1/4

Left: 925.974+/-0.230 χ^2/NDF : 423873.0/10

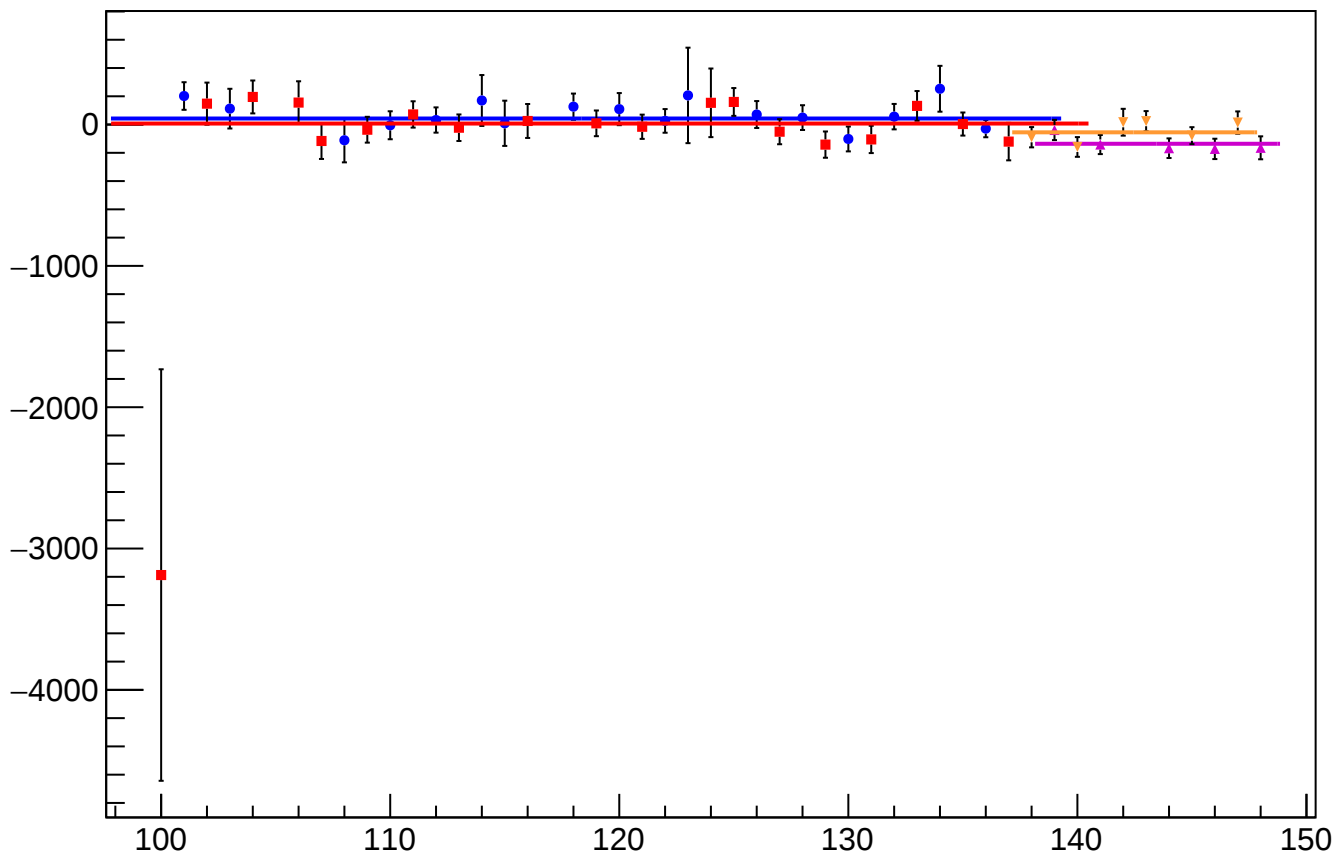
Right: 1149.080+/-0.226 χ^2/NDF : 1476389.1/35

In: 1047.177+/-0.233 χ^2/NDF : 1136664.7/21

Out: 1032.700+/-0.223 χ^2/NDF : 1241234.7/24

All: 1039.641+/-0.161 χ^2/NDF : 2379916.1/46

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: -55.028 ± 29.543 $\chi^2/\text{NDF}: 5.2/5$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -136.028 ± 32.166 $\chi^2/\text{NDF}: 2.4/4$

Left: -92.091 ± 21.758 $\chi^2/\text{NDF}: 11.0/10$

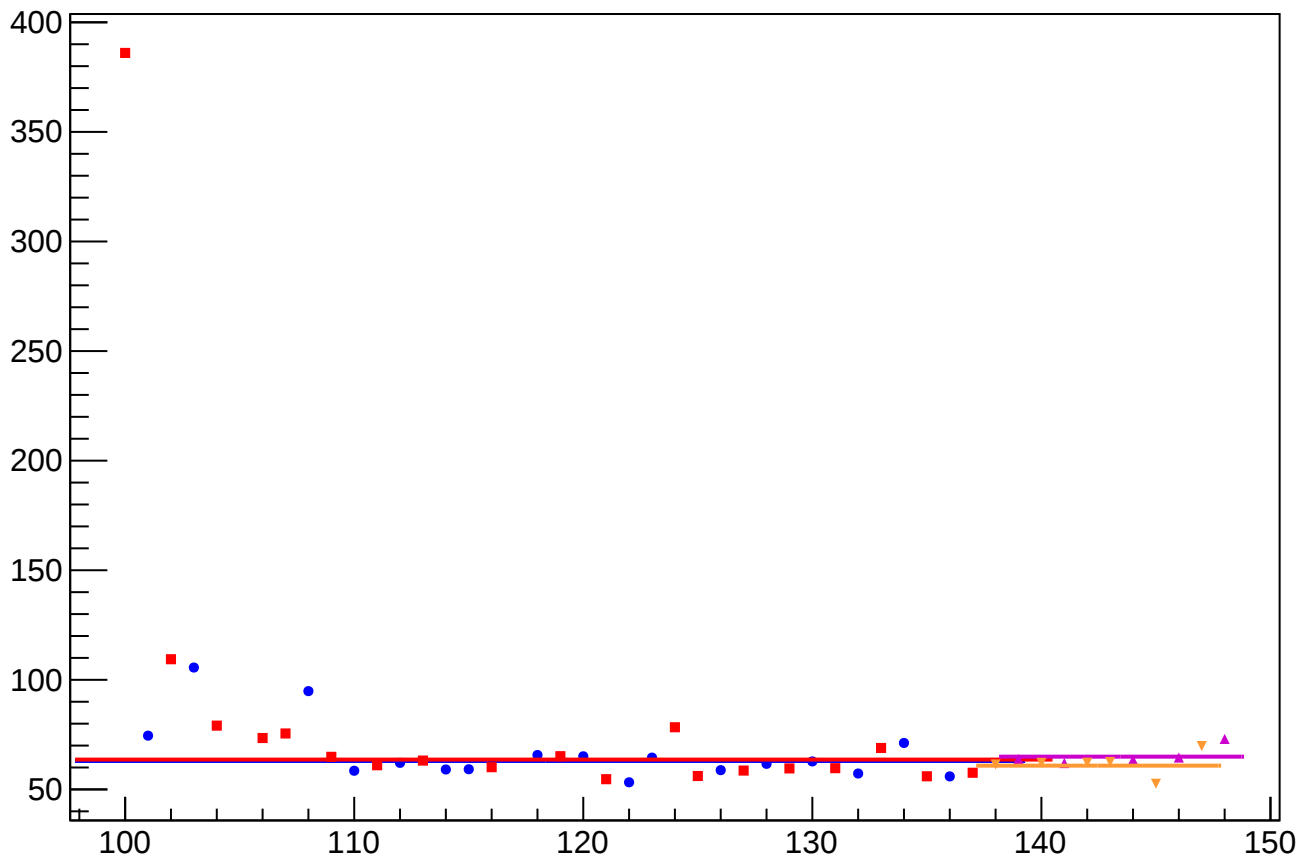
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -23.615 ± 19.591 $\chi^2/\text{NDF}: 33.8/21$

Out: -18.209 ± 18.854 $\chi^2/\text{NDF}: 28.4/24$

All: -20.808 ± 13.585 $\chi^2/\text{NDF}: 62.2/46$

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: 60.843 $\pm$ 0.021 χ^2 /NDF: 65571.9/5

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 64.946 $\pm$ 0.023 χ^2 /NDF: 24989.3/4

Left: 62.720 $\pm$ 0.015 χ^2 /NDF: 108205.1/10

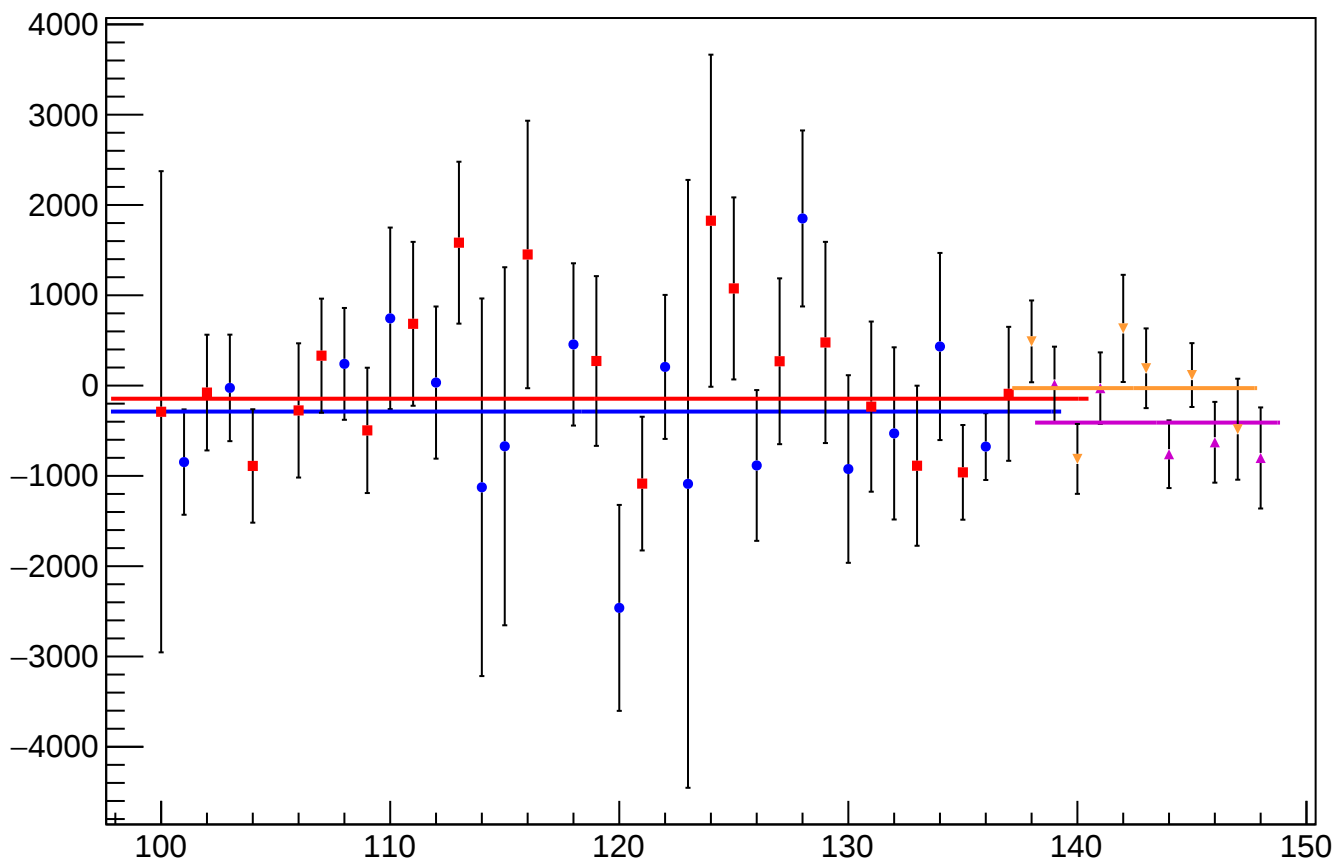
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.709 $\pm$ 0.014 χ^2 /NDF: 404949.7/21

Out: 62.485 $\pm$ 0.013 χ^2 /NDF: 509543.0/24

All: 63.074 $\pm$ 0.010 χ^2 /NDF: 918545.1/46

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: -28.040 ± 180.404 $\chi^2/\text{NDF}: 7.7/5$

Right Out: -145.341 ± 187.312 $\chi^2/\text{NDF}: 16.1/18$

Left In: -409.898 ± 191.160 $\chi^2/\text{NDF}: 3.5/4$

Left: -207.924 ± 131.203 $\chi^2/\text{NDF}: 13.4/10$

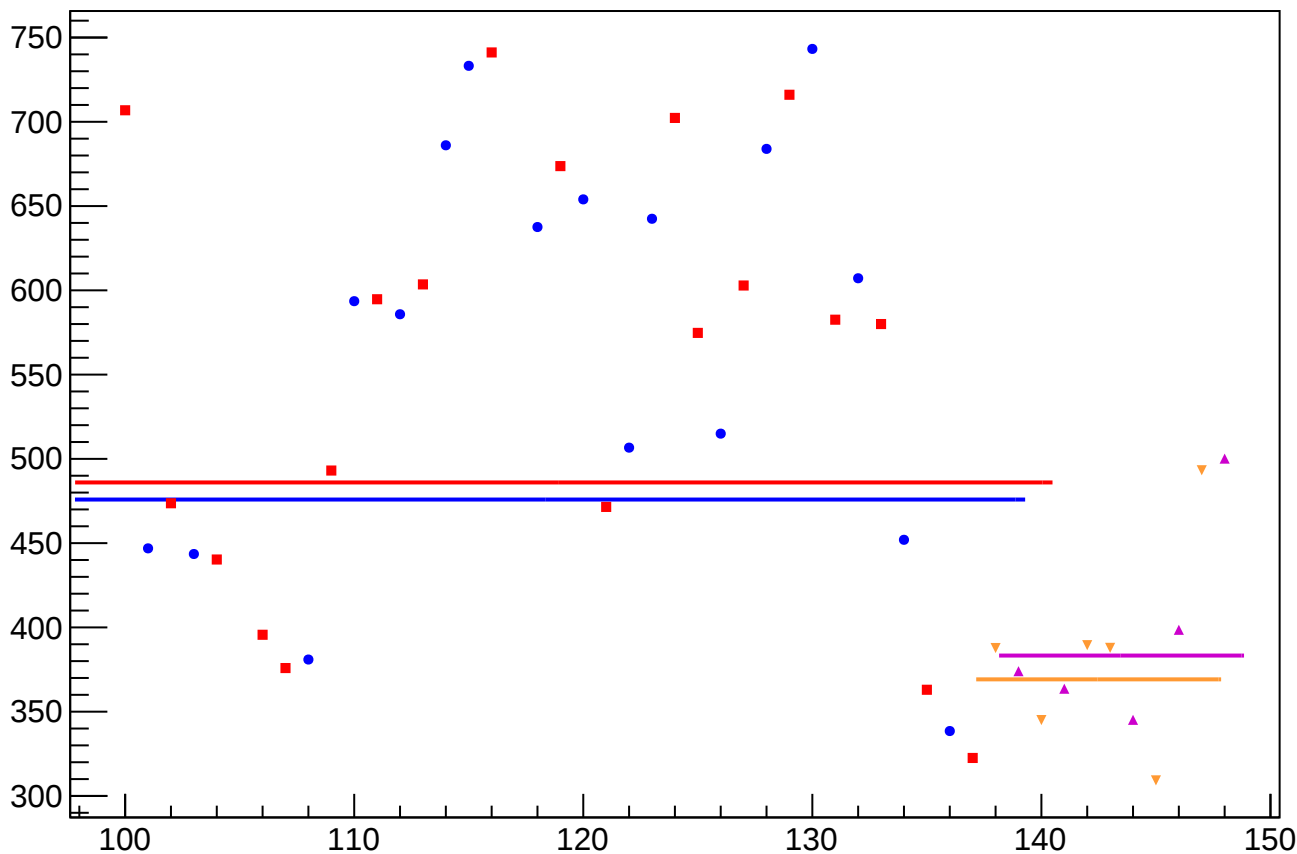
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -348.382 ± 134.719 $\chi^2/\text{NDF}: 19.1/21$

Out: -84.488 ± 129.938 $\chi^2/\text{NDF}: 24.0/24$

All: -211.670 ± 93.525 $\chi^2/\text{NDF}: 45.1/46$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2/NDF : 837808.5/16

Left Out: 369.175 $\pm$ 0.128 χ^2/NDF : 173015.8/5

Right Out: 486.011 $\pm$ 0.132 χ^2/NDF : 730123.7/18

Left In: 383.298 $\pm$ 0.135 χ^2/NDF : 116110.2/4

Left: 375.828 $\pm$ 0.093 χ^2/NDF : 294899.8/10

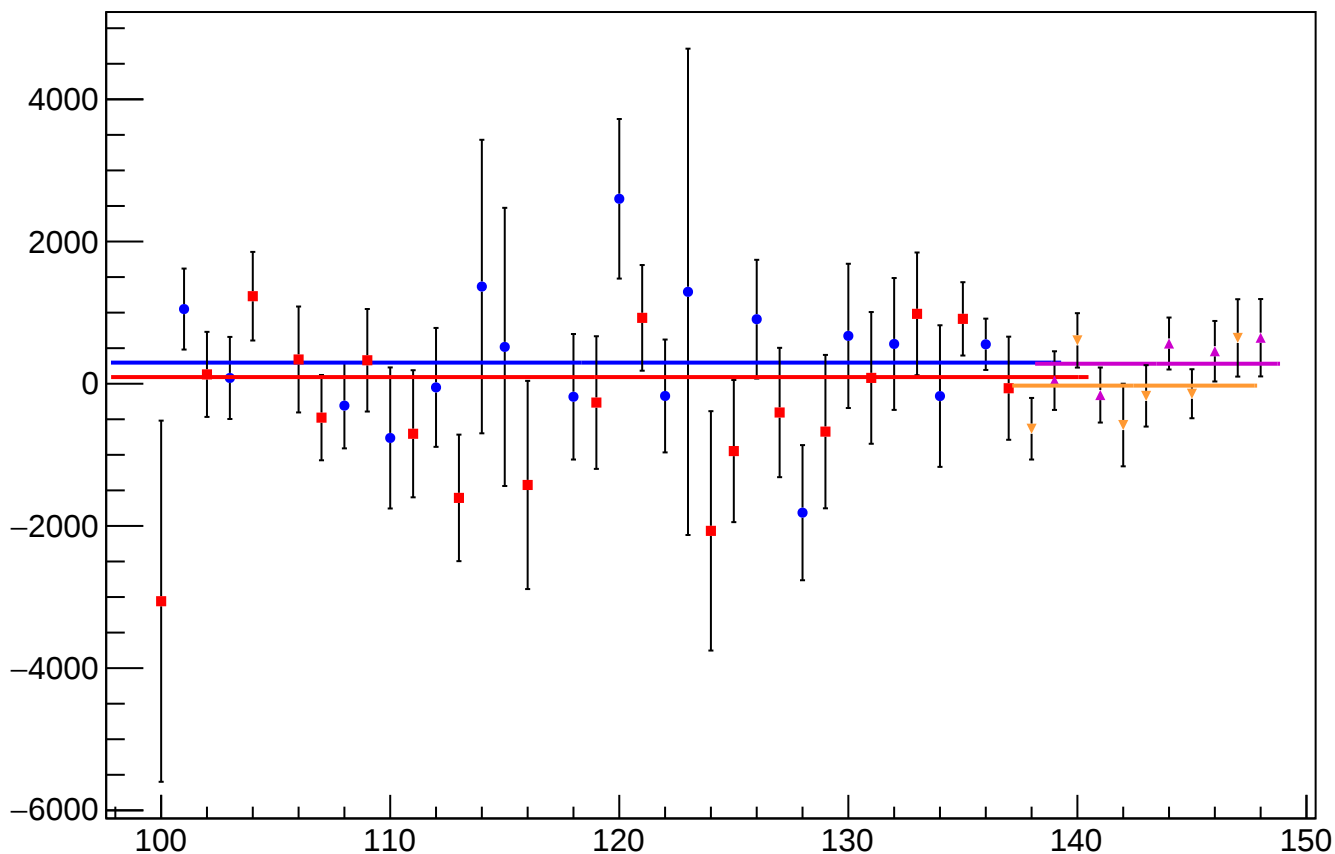
Right: 481.010 $\pm$ 0.094 χ^2/NDF : 1570822.6/35

In: 429.893 $\pm$ 0.095 χ^2/NDF : 1190000.2/21

Out: 425.399 $\pm$ 0.092 χ^2/NDF : 1306812.2/24

All: 427.565 $\pm$ 0.066 χ^2/NDF : 2497965.7/46

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: -26.539 $\pm$ 176.006 χ^2 /NDF: 7.4/5

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 281.342 $\pm$ 185.879 χ^2 /NDF: 2.9/4

Left: 119.008 $\pm$ 127.803 χ^2 /NDF: 11.7/10

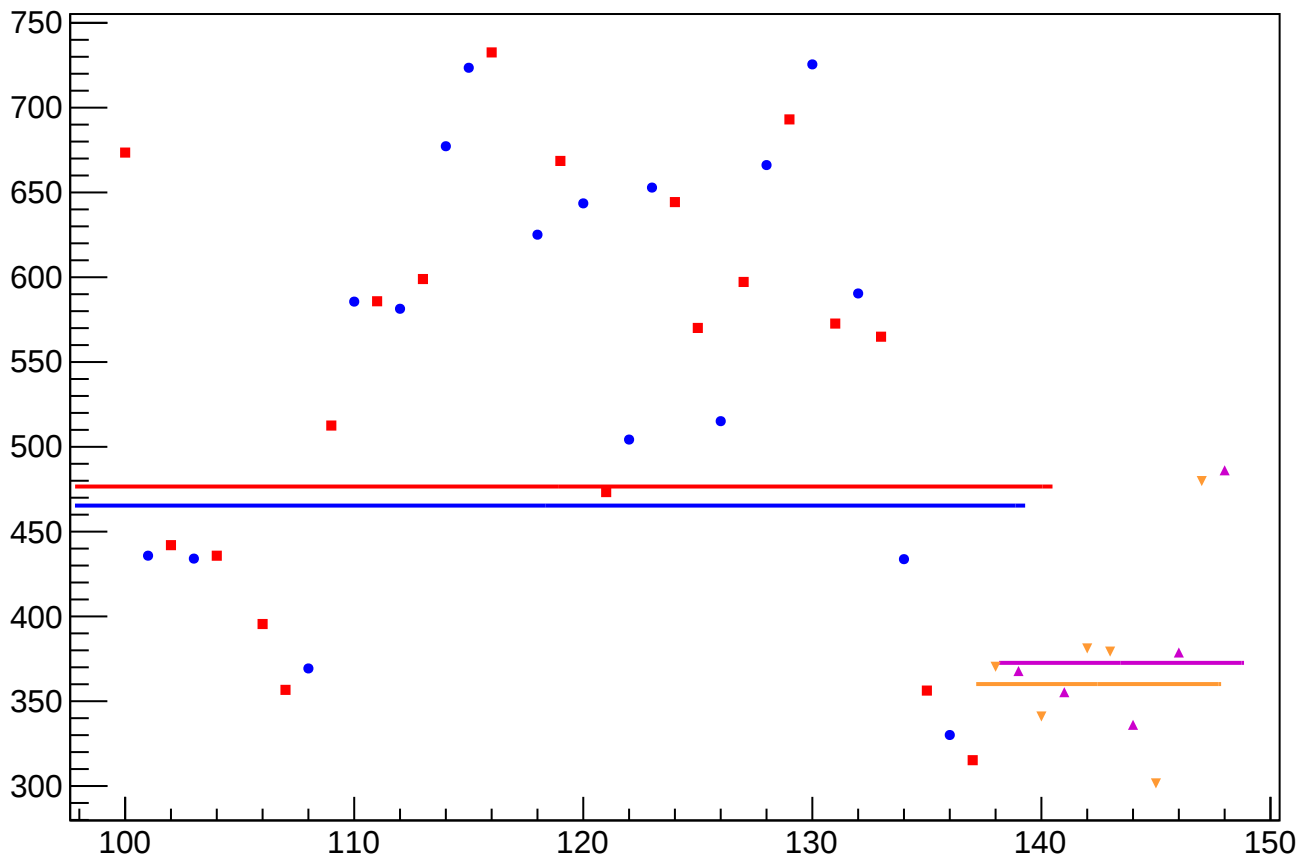
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 289.159 $\pm$ 131.470 χ^2 /NDF: 18.7/21

Out: 30.854 $\pm$ 127.160 χ^2 /NDF: 27.7/24

All: 155.703 $\pm$ 91.401 χ^2 /NDF: 48.4/46

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 360.114 $\pm$ 0.124 χ^2/NDF :167126.9/5

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 372.614 $\pm$ 0.131 χ^2/NDF :111727.5/4

Left: 366.024 $\pm$ 0.090 χ^2/NDF : 283623.4/10

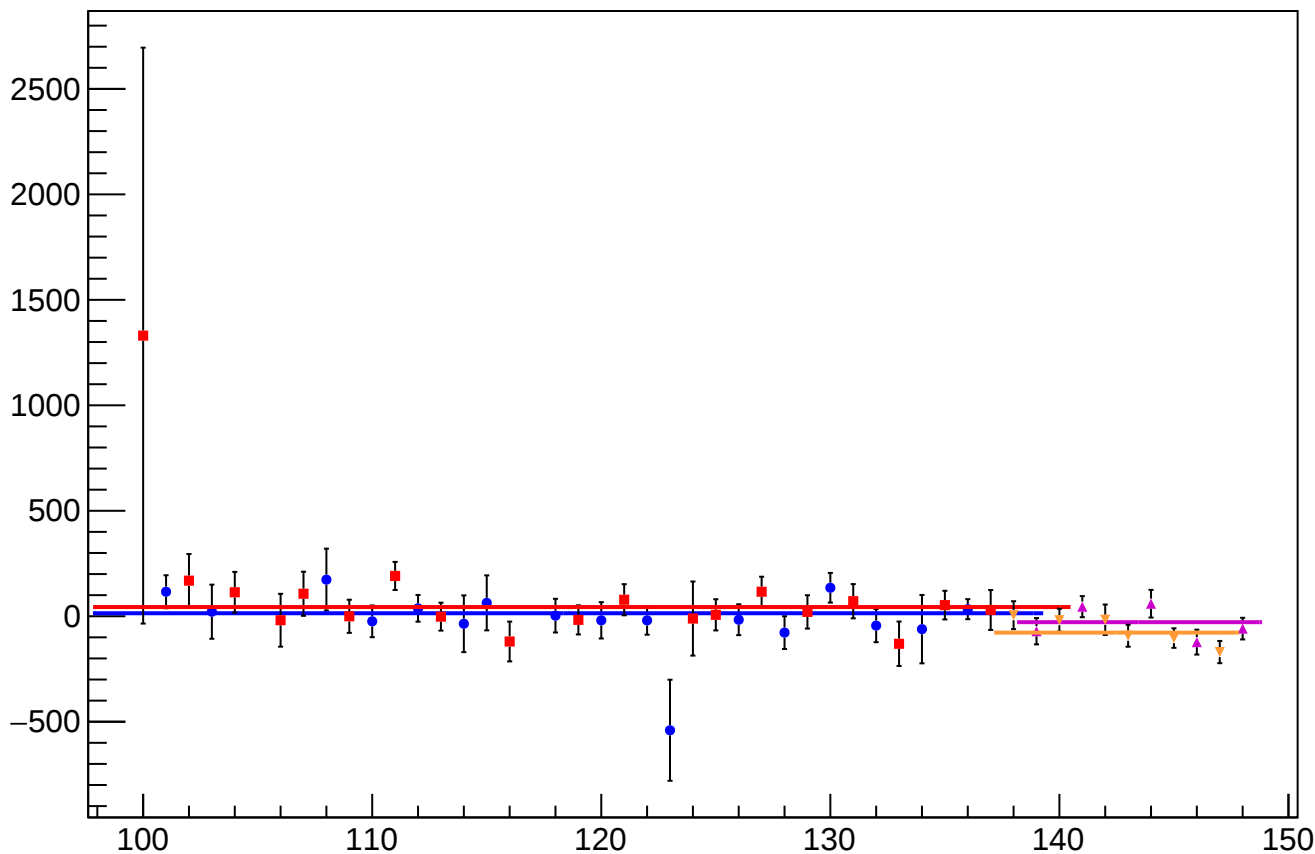
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 418.961 $\pm$ 0.093 χ^2/NDF :1220953.7/21

Out: 415.797 $\pm$ 0.090 χ^2/NDF :1338815.3/24

All: 417.326 $\pm$ 0.065 χ^2/NDF : 2560367.4/46

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: -77.563 ± 22.626 χ^2/NDF : 6.9/5

Right Out: 43.602 ± 19.648 χ^2/NDF : 17.0/18

Left In: -28.098 ± 25.363 χ^2/NDF : 7.3/4

Left: -55.643 ± 16.884 χ^2/NDF : 16.4/10

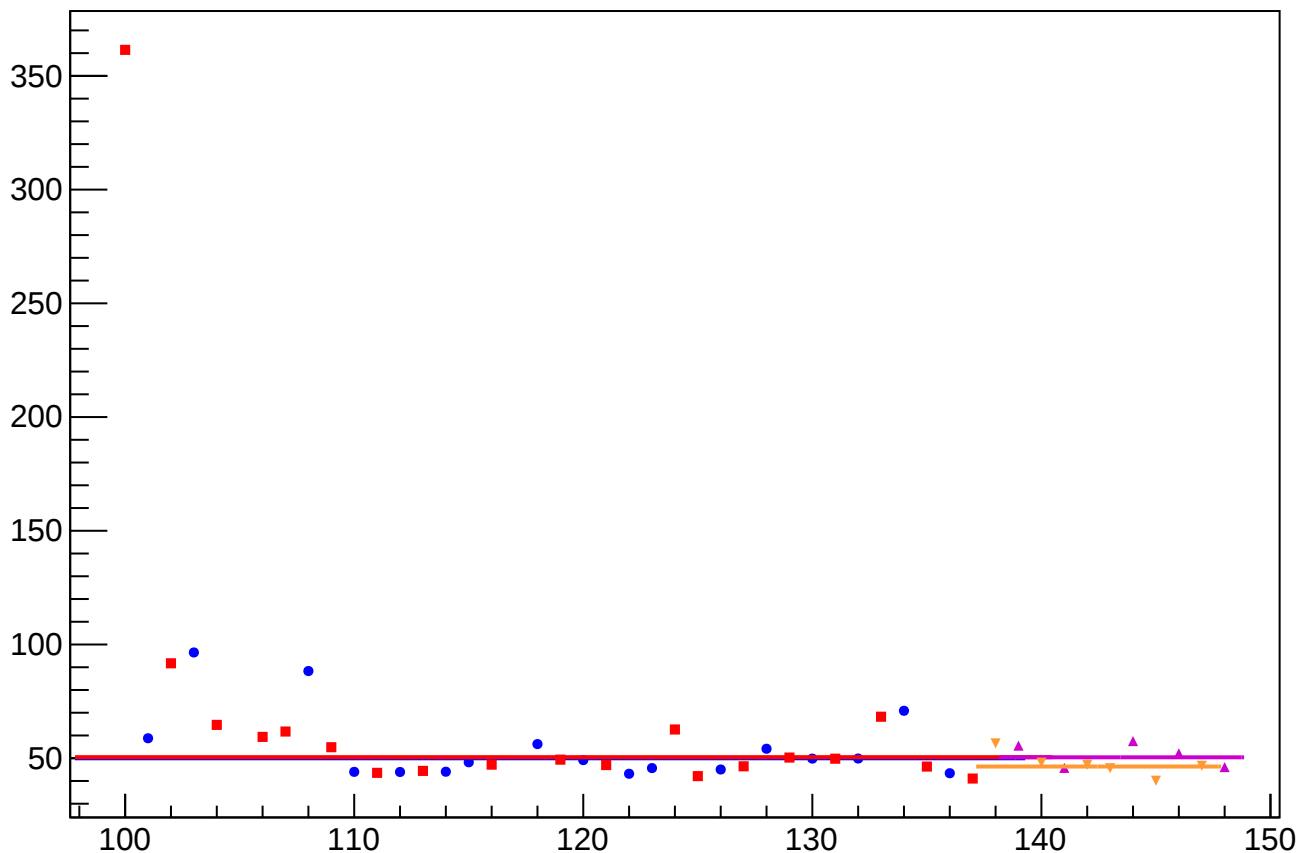
Right: 29.090 ± 13.970 χ^2/NDF : 32.9/35

In: -1.851 ± 15.640 χ^2/NDF : 23.9/21

Out: -8.486 ± 14.835 χ^2/NDF : 40.3/24

All: -5.343 ± 10.763 χ^2/NDF : 64.2/46

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 46.348 $\pm$ 0.016 χ^2 /NDF: 86363.4/5

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 50.397 $\pm$ 0.018 χ^2 /NDF: 70185.1/4

Left: 48.142 $\pm$ 0.012 χ^2 /NDF: 184927.2/10

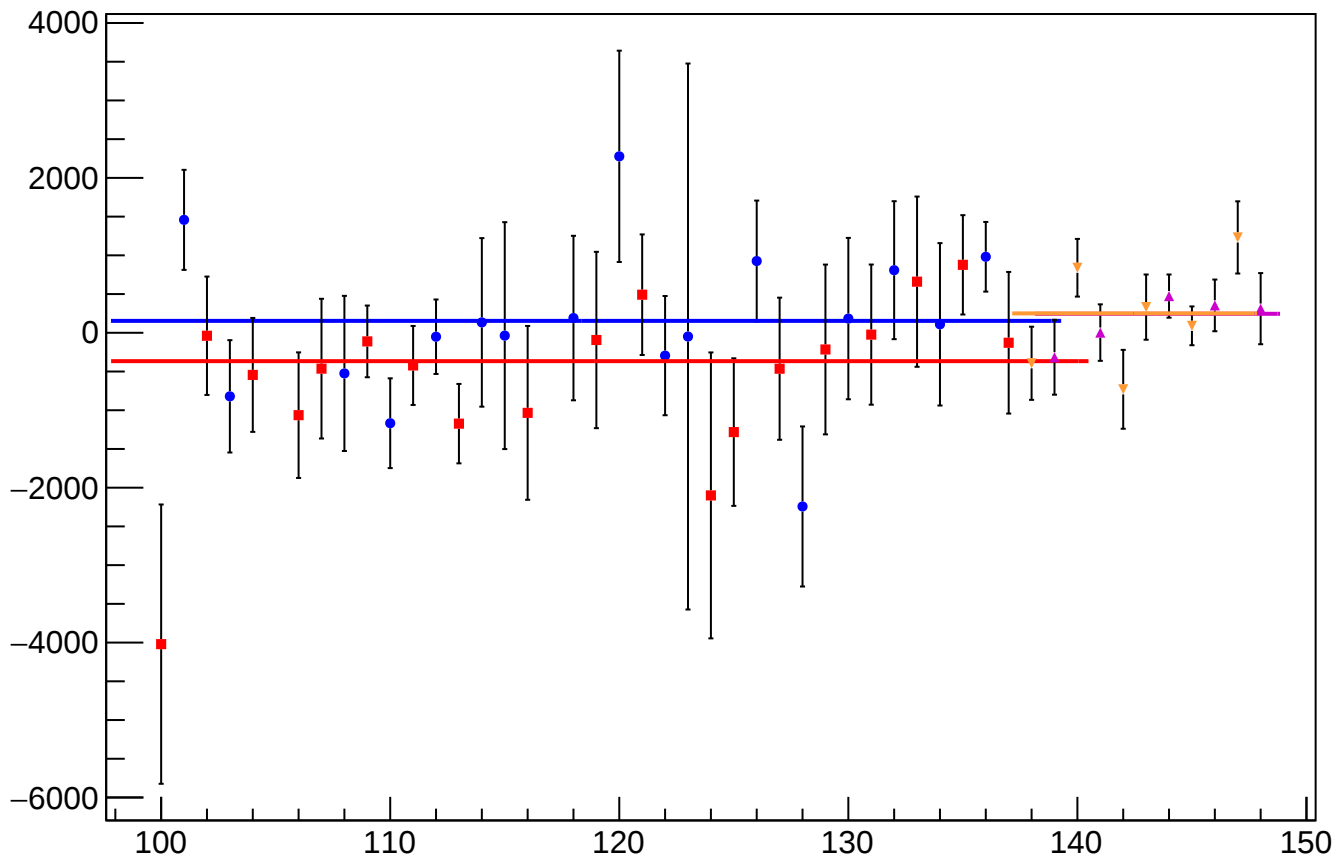
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 50.134 $\pm$ 0.011 χ^2 /NDF: 649281.3/21

Out: 48.699 $\pm$ 0.010 χ^2 /NDF: 695546.5/24

All: 49.379 $\pm$ 0.008 χ^2 /NDF: 1353688.6/46

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 250.344 $\pm$ 154.804 χ^2 /NDF:12.9/5

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 245.216 $\pm$ 161.416 χ^2 /NDF:2.6/4

Left: 247.887 $\pm$ 111.727 χ^2 /NDF: 15.5/10

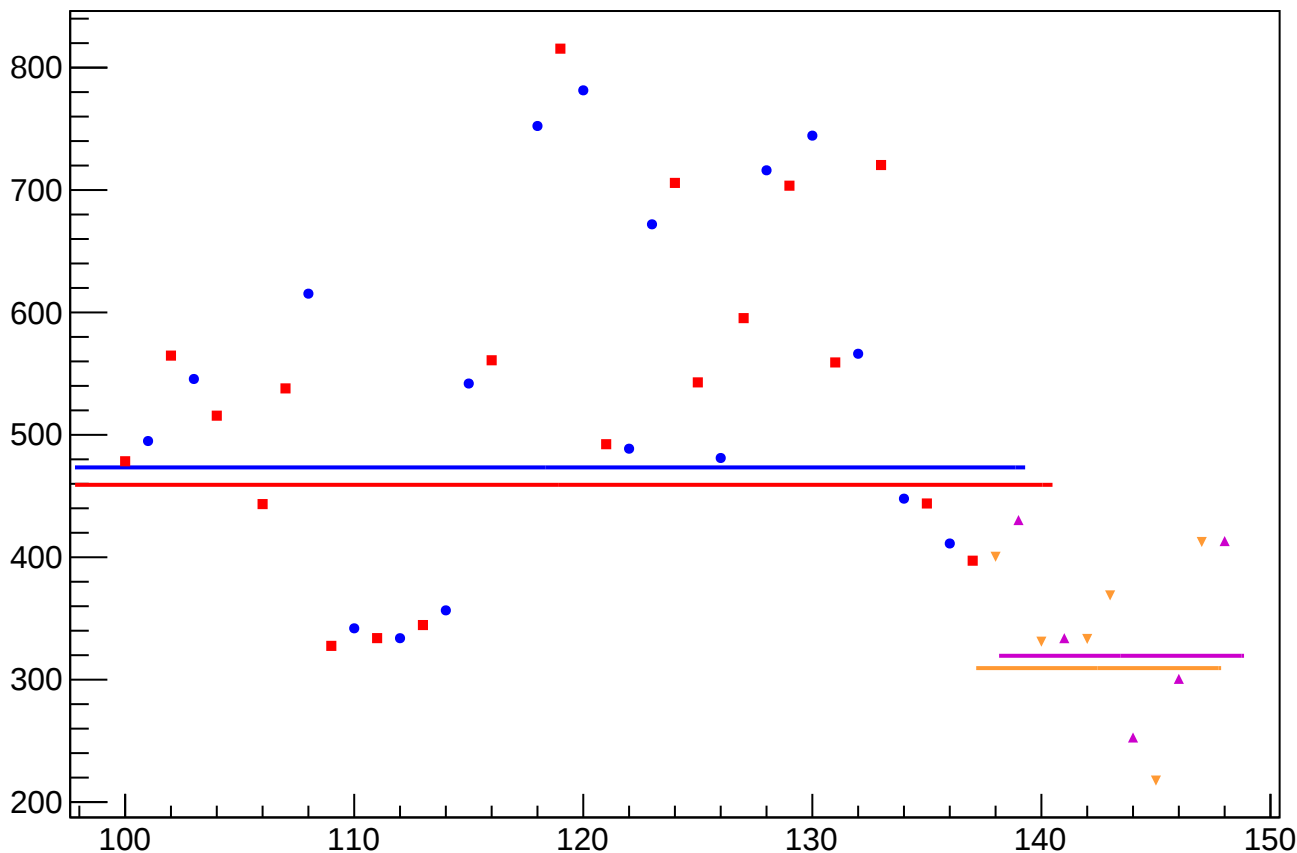
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 206.904 $\pm$ 123.006 χ^2 /NDF:27.5/21

Out: -13.660 $\pm$ 117.064 χ^2 /NDF:35.9/24

All: 91.167 $\pm$ 84.800 χ^2 /NDF: 65.1/46

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: 309.448 $\pm$ 0.109 χ^2 /NDF: 491854.9/5

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 319.517 $\pm$ 0.114 χ^2 /NDF: 312578.2/4

Left: 314.272 $\pm$ 0.079 χ^2 /NDF: 808487.0/10

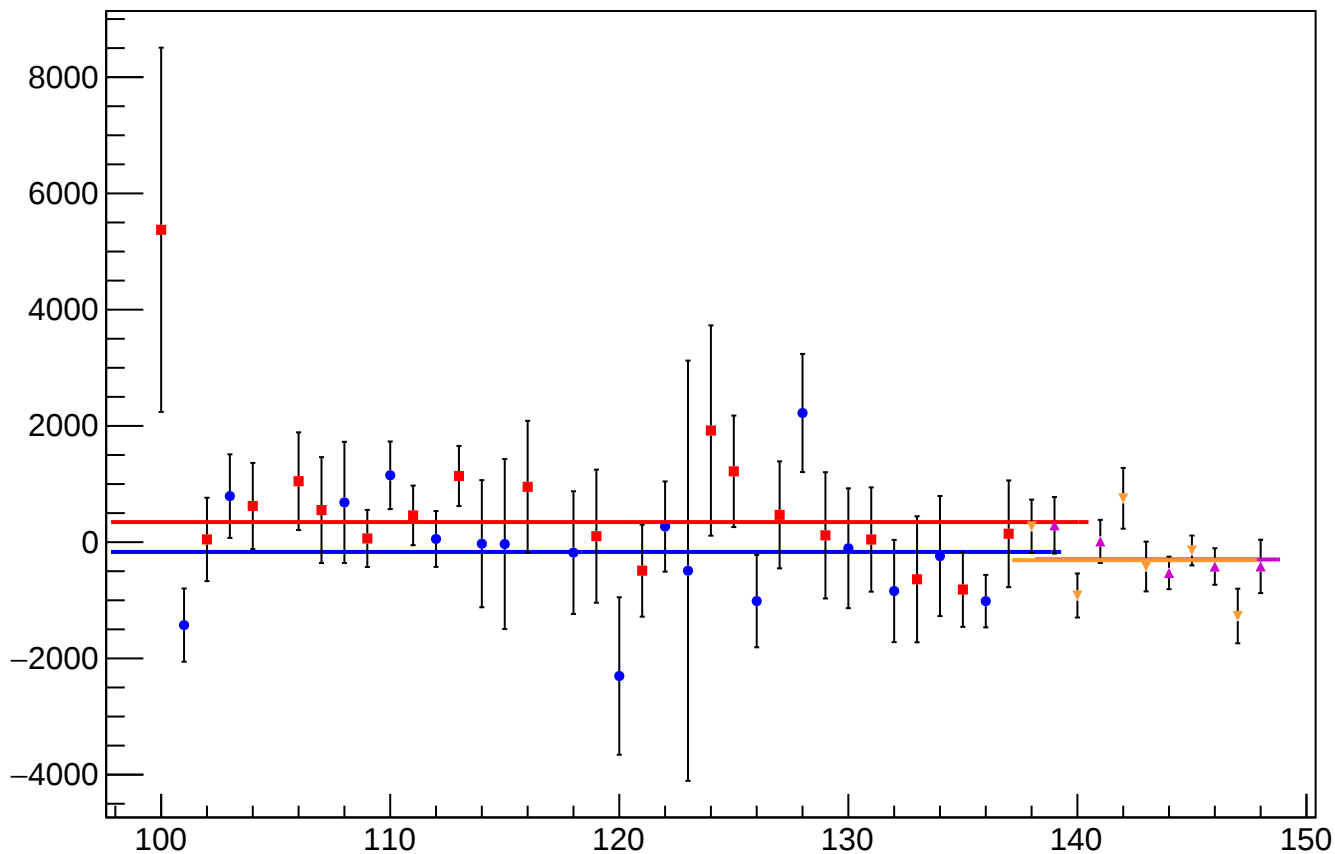
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 384.041 $\pm$ 0.087 χ^2 /NDF: 1989704.4/21

Out: 373.555 $\pm$ 0.083 χ^2 /NDF: 2299436.3/24

All: 378.539 $\pm$ 0.060 χ^2 /NDF: 4296767.4/46

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: -309.924 $\pm$ 157.117 χ^2 /NDF:13.0/5

Right Out: 345.481 $\pm$ 181.255 χ^2 /NDF: 13.7/18

Left In: -297.714 $\pm$ 159.788 χ^2 /NDF:3.1/4

Left: -303.922 $\pm$ 112.031 χ^2 /NDF: 16.1/10

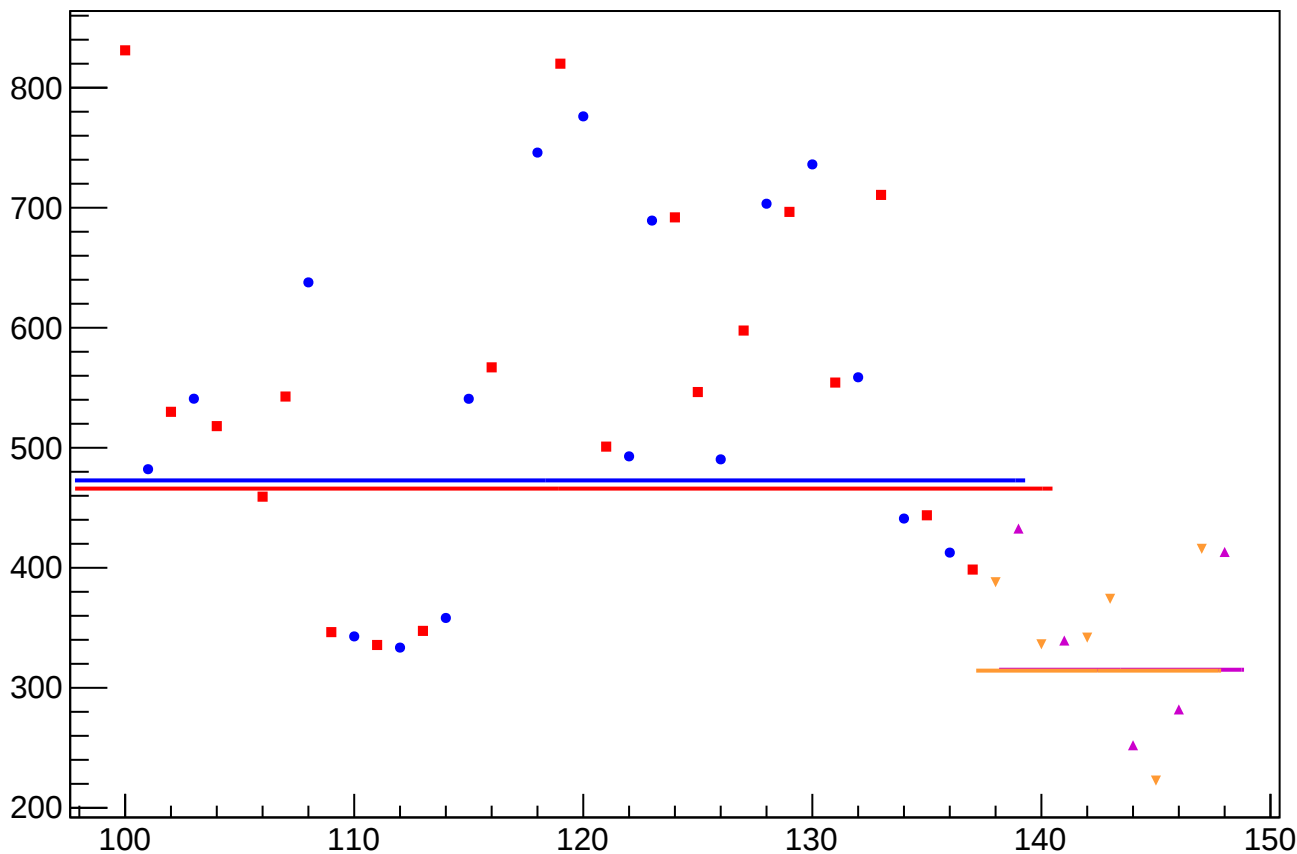
Right: 100.479 $\pm$ 131.070 χ^2 /NDF: 43.0/35

In: -243.918 $\pm$ 122.226 χ^2 /NDF:28.8/21

Out: -28.739 $\pm$ 118.722 χ^2 /NDF:34.2/24

All: -133.200 $\pm$ 85.161 χ^2 /NDF: 64.5/46

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: 314.329 $\pm$ 0.111 χ^2 /NDF: 450364.0/5

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 315.069 $\pm$ 0.113 χ^2 /NDF: 340662.8/4

Left: 314.693 $\pm$ 0.079 χ^2 /NDF: 791048.6/10

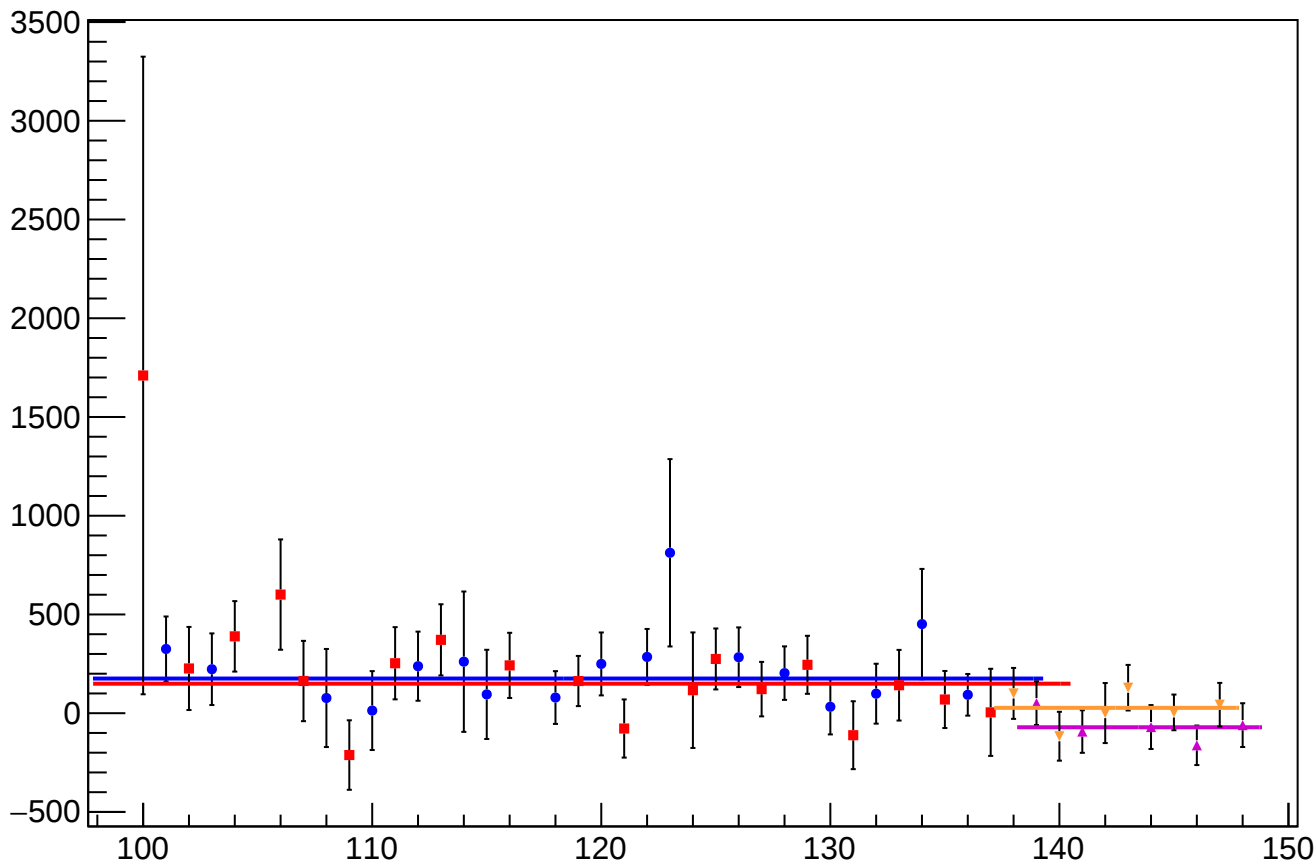
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 380.518 $\pm$ 0.086 χ^2 /NDF: 2045779.6/21

Out: 379.394 $\pm$ 0.084 χ^2 /NDF: 2191851.7/24

All: 379.939 $\pm$ 0.060 χ^2 /NDF: 4237718.3/46

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: 27.134 $\pm$ 47.232 χ^2 /NDF: 2.6/5

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -71.231 $\pm$ 48.218 χ^2 /NDF: 2.1/4

Left: -21.032 $\pm$ 33.741 χ^2 /NDF: 6.8/10

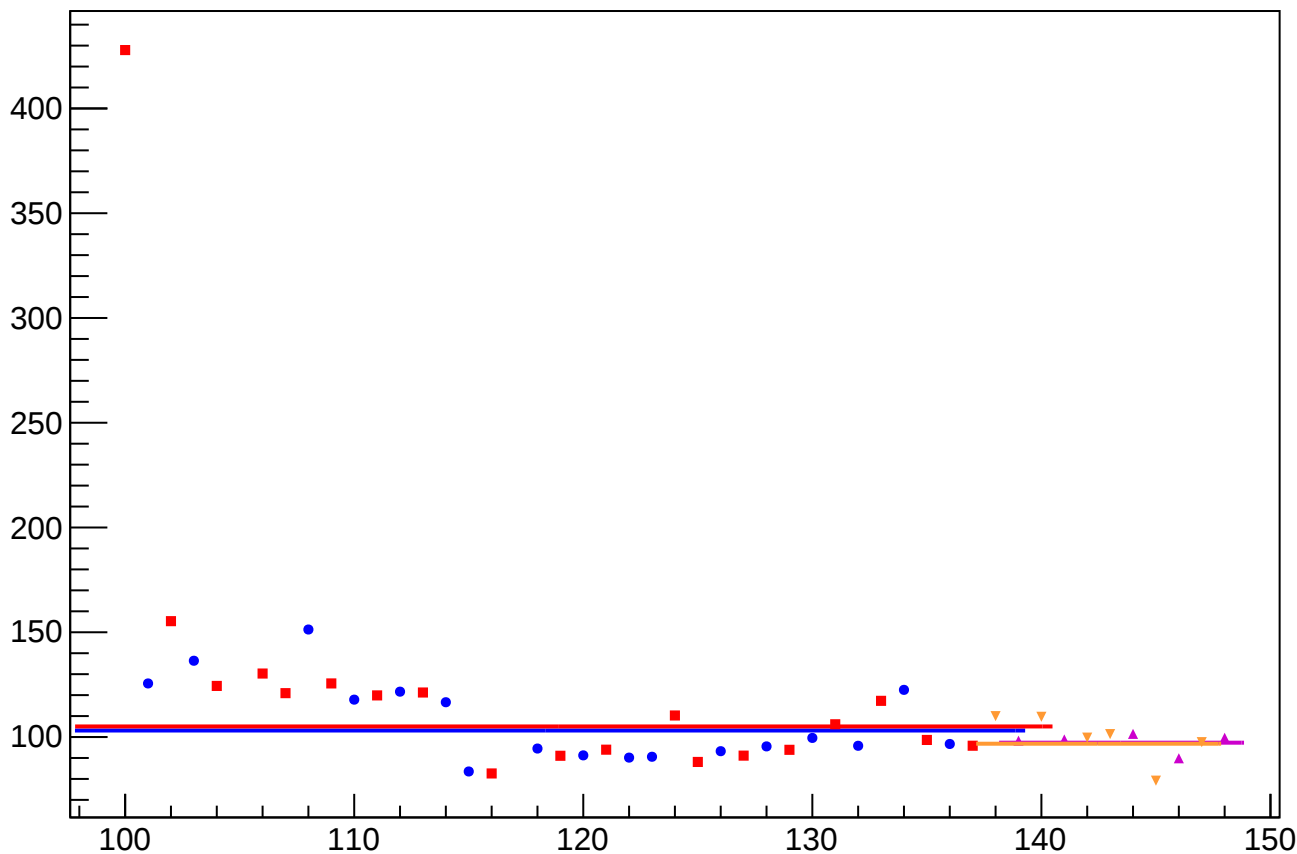
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 73.838 $\pm$ 30.948 χ^2 /NDF: 26.1/21

Out: 97.871 $\pm$ 30.666 χ^2 /NDF: 24.9/24

All: 85.965 $\pm$ 21.783 χ^2 /NDF: 51.3/46

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: 96.806 $\pm$ 0.033 χ^2 /NDF:122590.1/5

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 97.299 $\pm$ 0.034 χ^2 /NDF:15375.9/4

Left: 97.047 $\pm$ 0.024 χ^2 /NDF: 138072.5/10

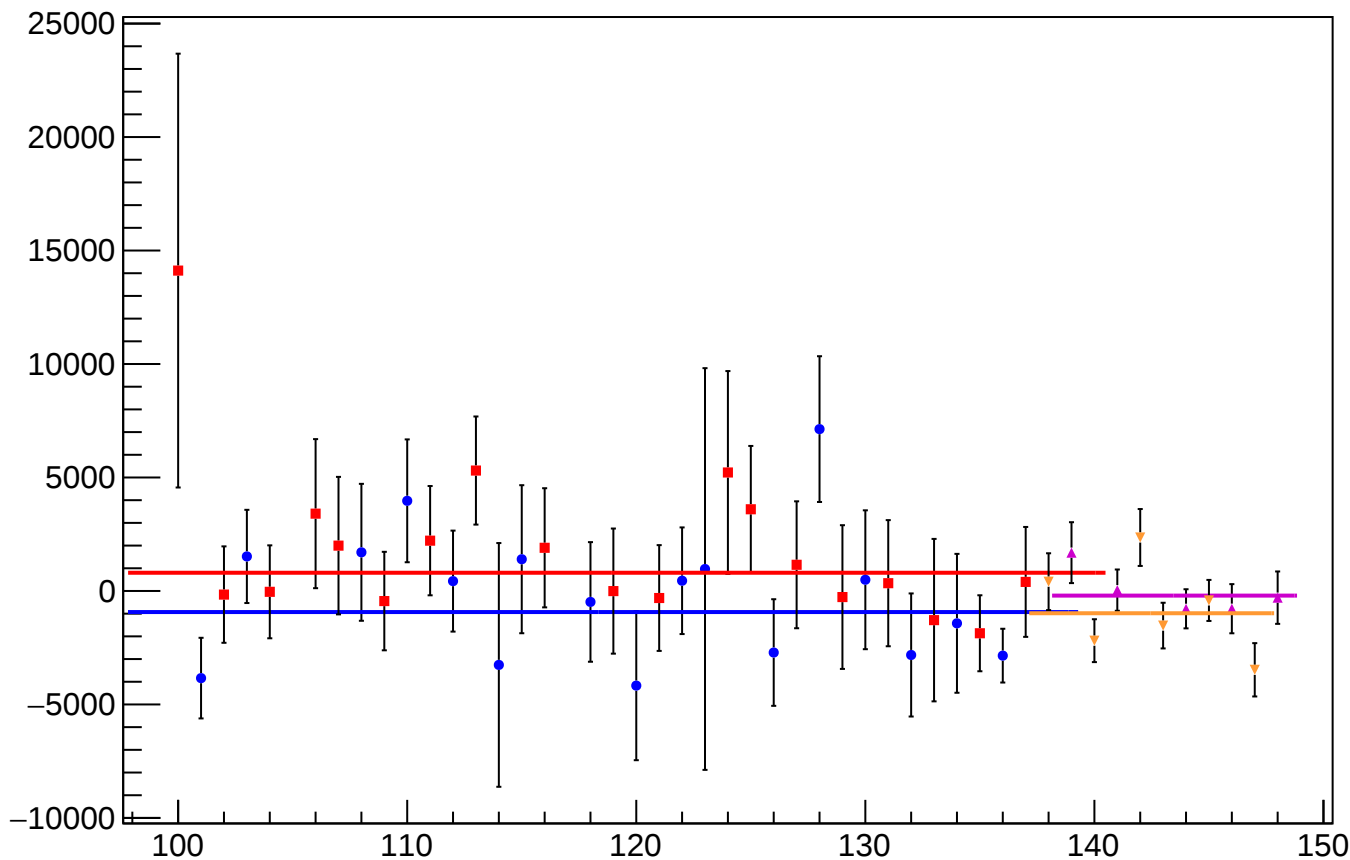
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 100.717 $\pm$ 0.022 χ^2 /NDF:338909.9/21

Out: 101.572 $\pm$ 0.022 χ^2 /NDF:606494.1/24

All: 101.149 $\pm$ 0.015 χ^2 /NDF: 946174.4/46

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: -981.300+/-433.117 χ^2/NDF :15.1/5

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: -204.295+/-460.572 χ^2/NDF :2.8/4

Left: -616.646+/-315.520 χ^2/NDF : 19.5/10

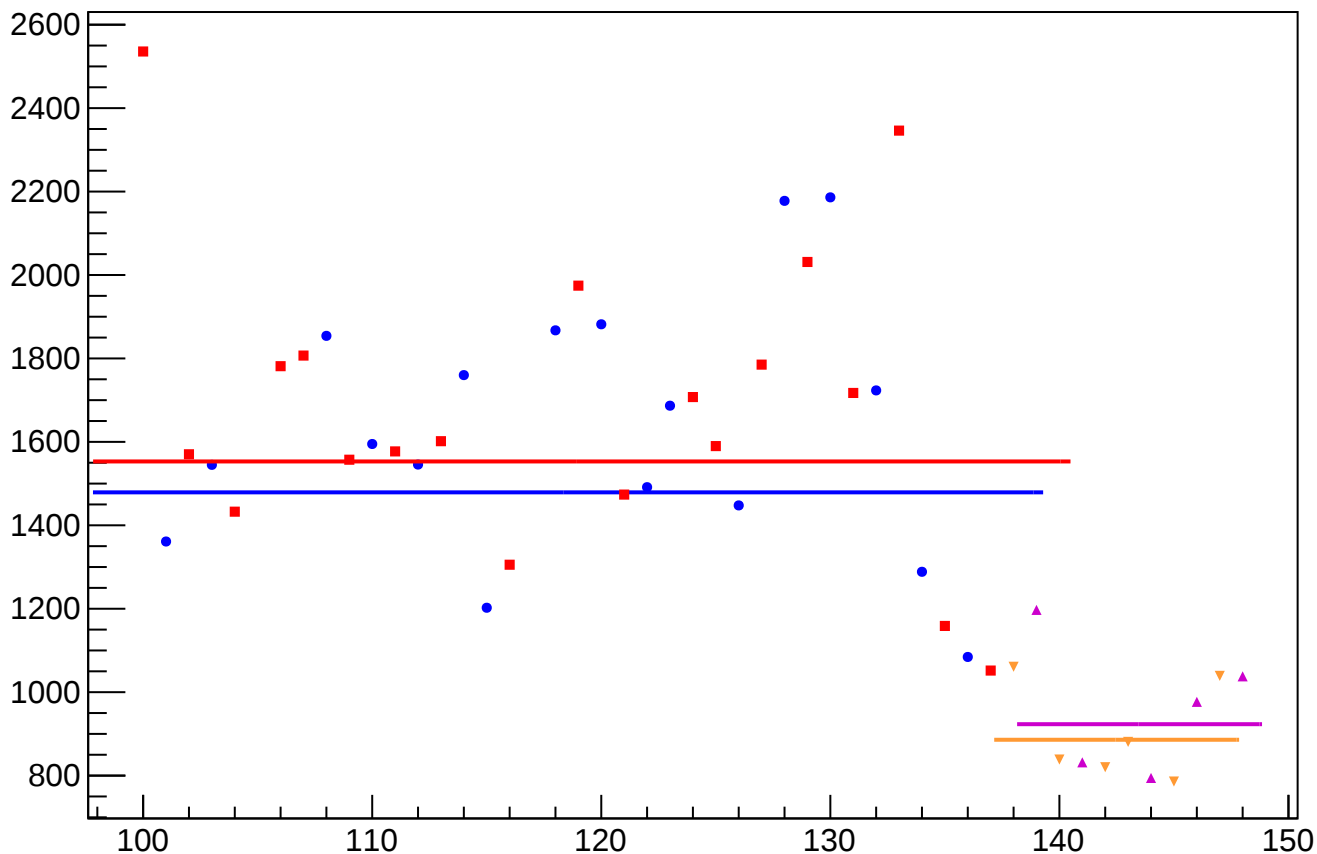
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -480.434+/-362.341 χ^2/NDF :24.6/21

Out: -361.734+/-349.925 χ^2/NDF :33.9/24

All: -419.015+/-251.709 χ^2/NDF : 58.6/46

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2/NDF : 589620.8/16

Left Out: 885.937 $\pm$ 0.306 χ^2/NDF : 108186.3/5

Right Out: 1553.074 $\pm$ 0.420 χ^2/NDF : 483784.4/18

Left In: 923.266 $\pm$ 0.326 χ^2/NDF : 172965.3/4

Left: 903.456 $\pm$ 0.223 χ^2/NDF : 288123.6/10

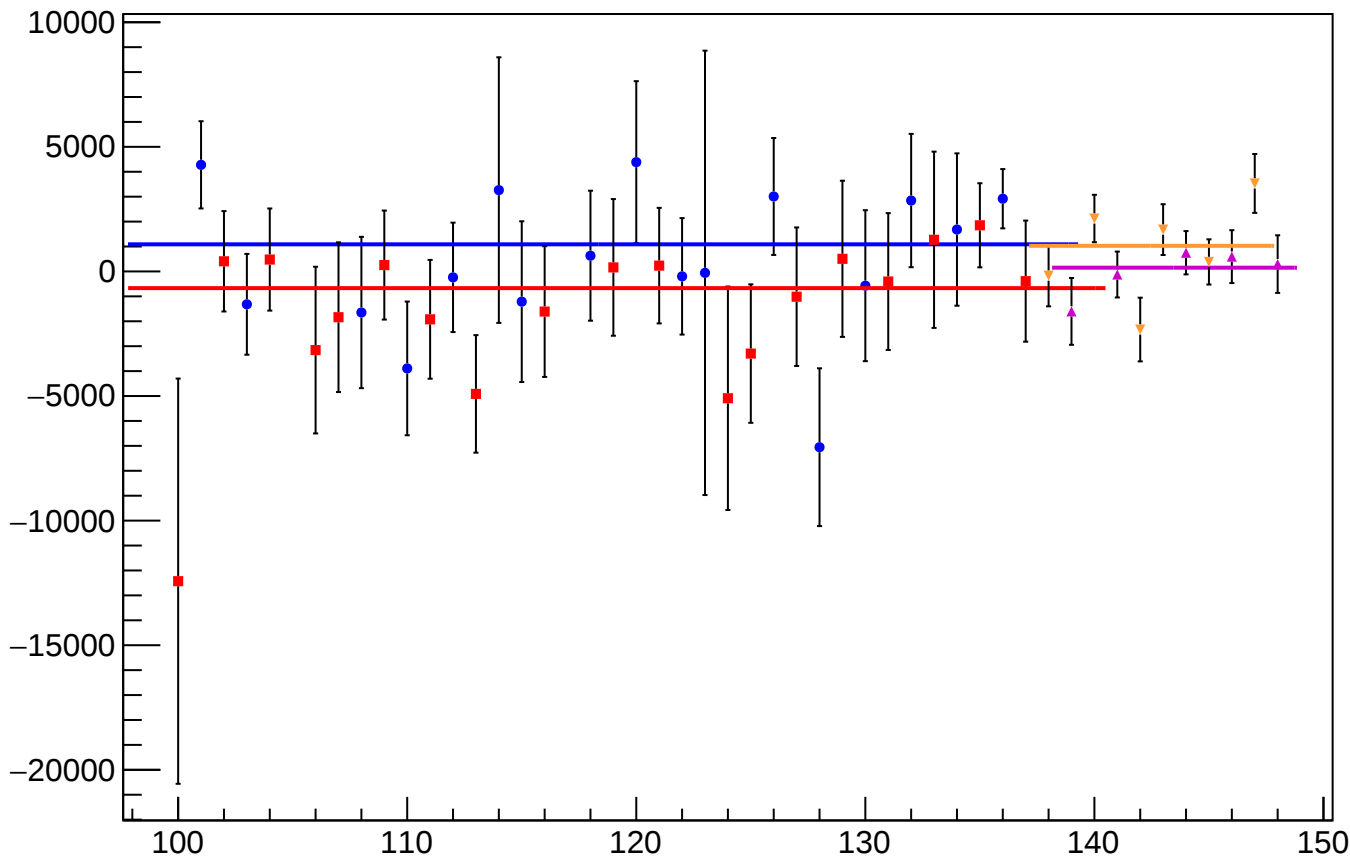
Right: 1515.603 $\pm$ 0.295 χ^2/NDF : 1089150.4/35

In: 1135.037 $\pm$ 0.256 χ^2/NDF : 1872175.3/21

Out: 1117.607 $\pm$ 0.247 χ^2/NDF : 2239772.0/24

All: 1126.018 $\pm$ 0.178 χ^2/NDF : 4114341.8/46

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: 1028.159 $\pm$ 435.648 χ^2 /NDF:14.6/5

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 150.467 $\pm$ 461.348 χ^2 /NDF:2.5/4

Left: 614.439 $\pm$ 316.746 χ^2 /NDF: 19.0/10

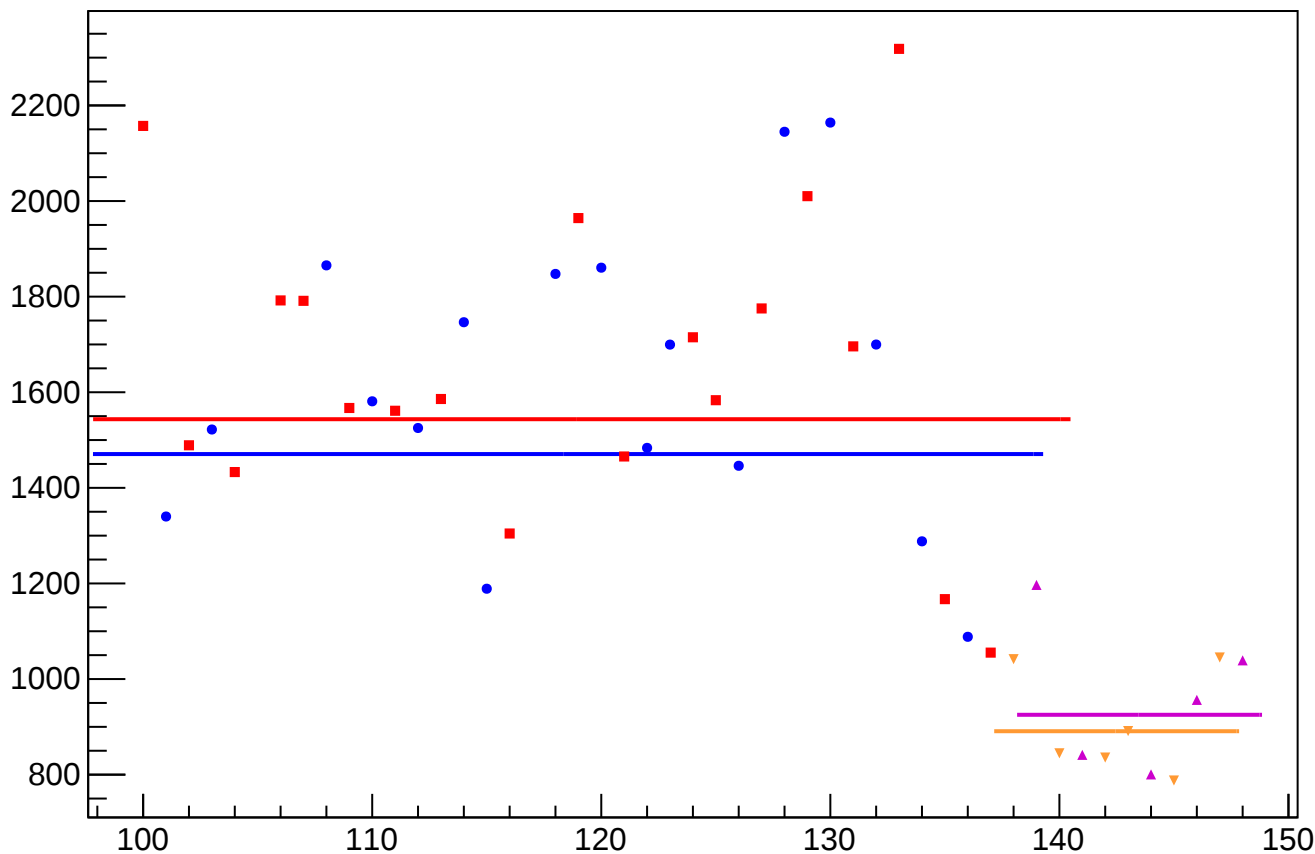
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 511.232 $\pm$ 361.854 χ^2 /NDF:25.9/21

Out: 428.905 $\pm$ 350.460 χ^2 /NDF:32.0/24

All: 468.752 $\pm$ 251.745 χ^2 /NDF: 57.9/46

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 890.864 $\pm$ 0.308 χ^2 /NDF: 98259.4/5

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 925.217 $\pm$ 0.326 χ^2 /NDF: 160981.4/4

Left: 907.057 $\pm$ 0.224 χ^2 /NDF: 265102.7/10

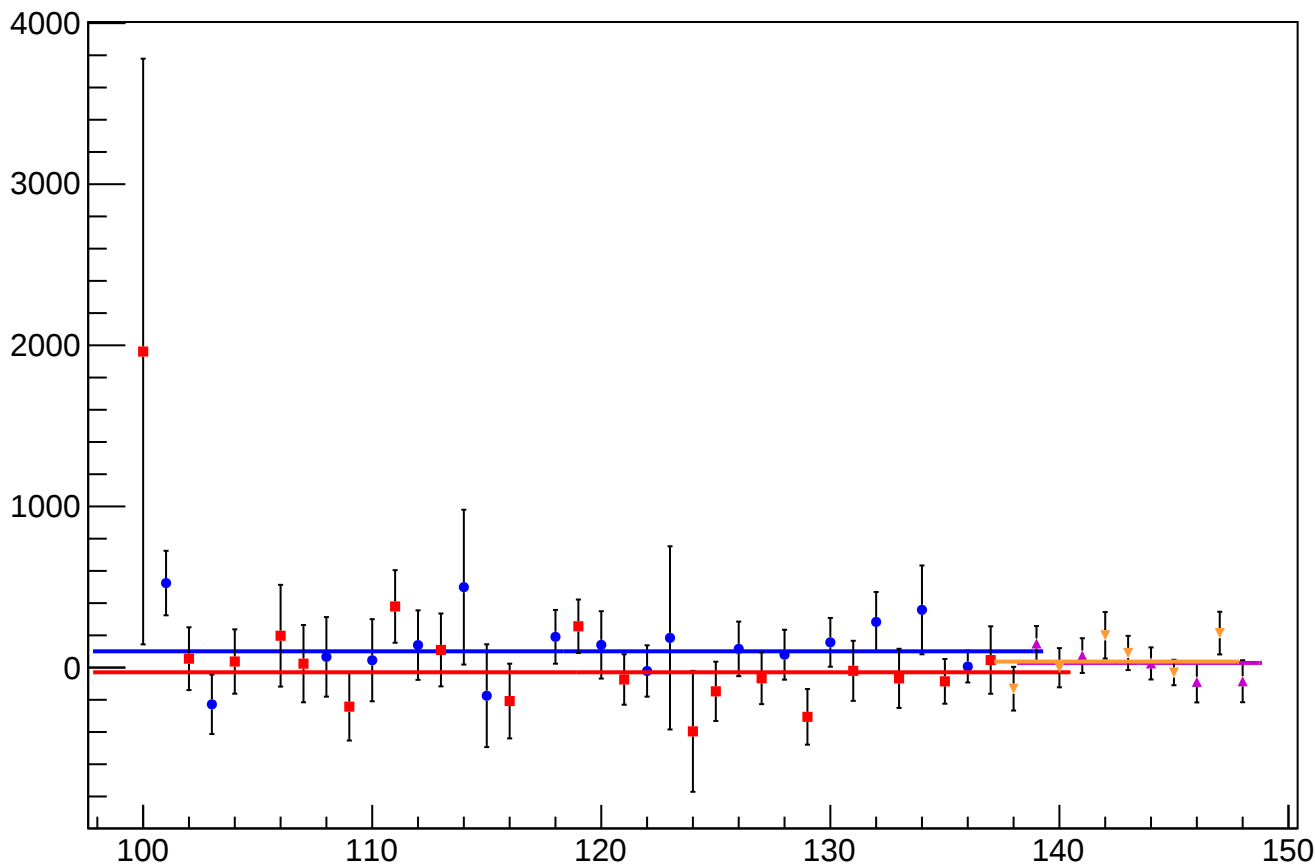
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1135.116 $\pm$ 0.256 χ^2 /NDF: 1804562.0/21

Out: 1121.177 $\pm$ 0.248 χ^2 /NDF: 2136696.5/24

All: 1127.924 $\pm$ 0.178 χ^2 /NDF: 3942790.0/46

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: 37.287 $\pm$ 45.826 χ^2 /NDF:5.7/5

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 28.874 $\pm$ 50.459 χ^2 /NDF:3.0/4

Left: 33.484 $\pm$ 33.924 χ^2 /NDF: 8.7/10

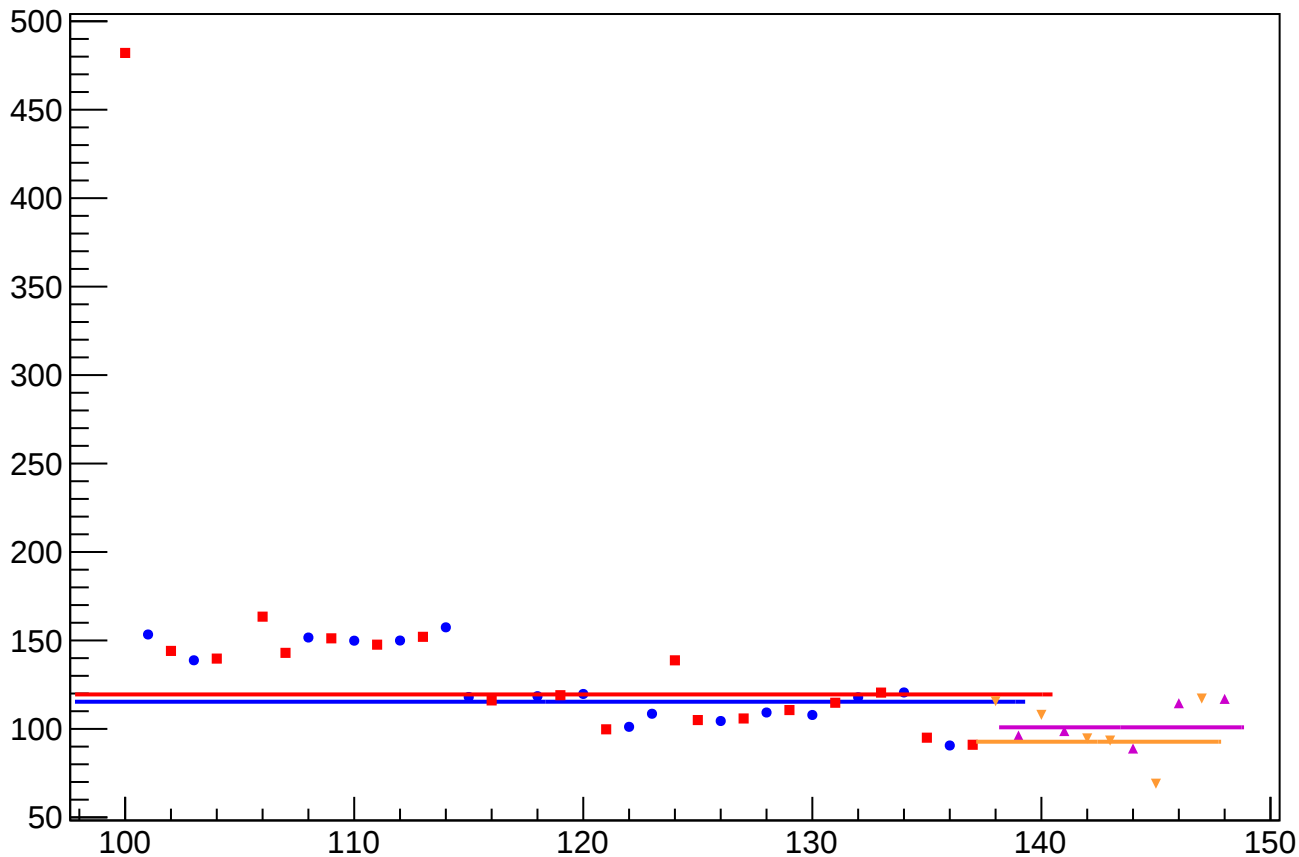
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 68.779 $\pm$ 33.702 χ^2 /NDF:17.2/21

Out: 3.973 $\pm$ 32.357 χ^2 /NDF:21.5/24

All: 35.057 $\pm$ 23.341 χ^2 /NDF: 40.6/46

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 92.759 $\pm$ 0.032 χ^2 /NDF:337372.0/5

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 100.895 $\pm$ 0.036 χ^2 /NDF:86678.3/4

Left: 96.437 $\pm$ 0.024 χ^2 /NDF: 452543.4/10

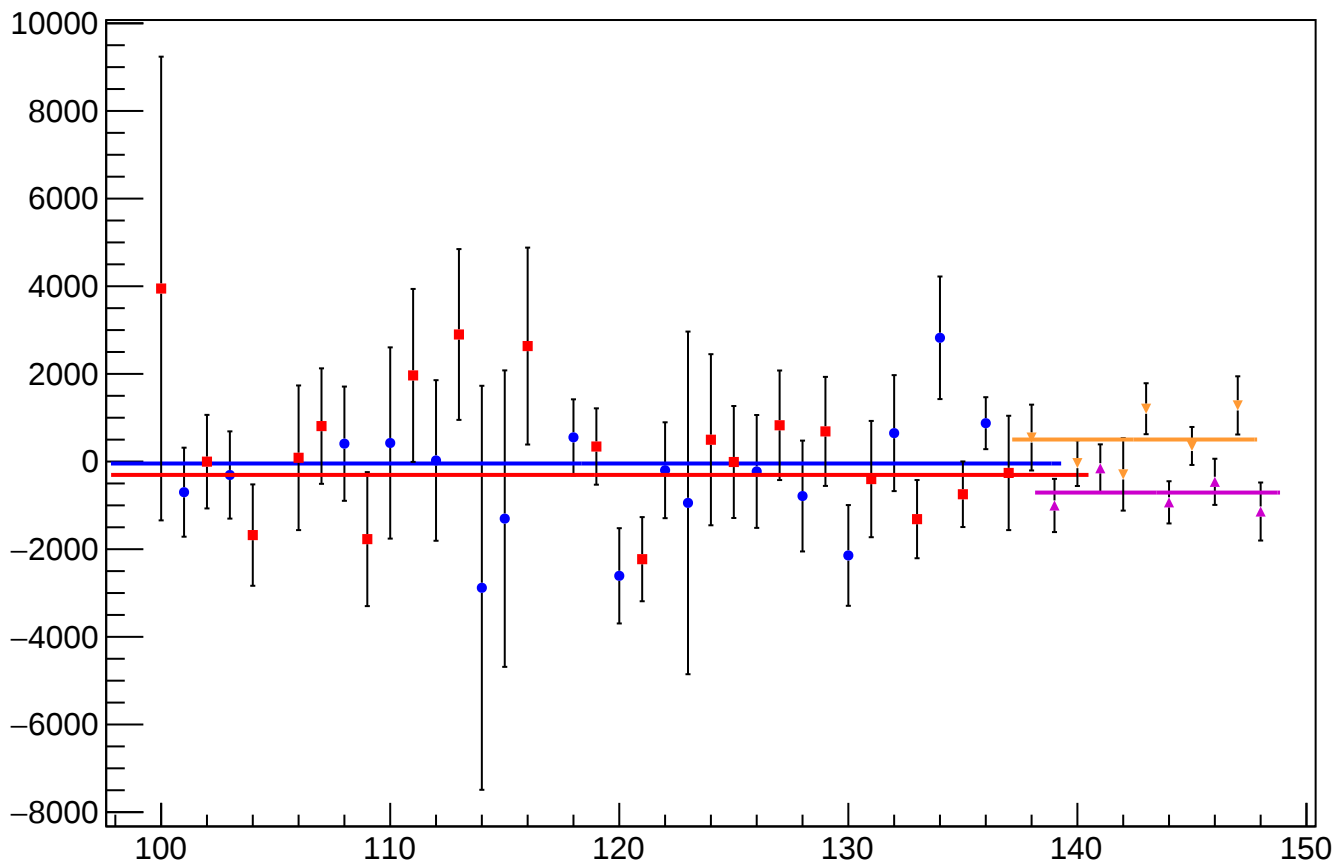
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 108.911 $\pm$ 0.024 χ^2 /NDF:589157.7/21

Out: 106.164 $\pm$ 0.023 χ^2 /NDF:1156609.7/24

All: 107.481 $\pm$ 0.017 χ^2 /NDF: 1752681.2/46

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 502.776 ± 239.380 $\chi^2/\text{NDF}: 4.9/5$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -707.857 ± 247.891 $\chi^2/\text{NDF}: 2.1/4$

Left: -81.402 ± 172.198 $\chi^2/\text{NDF}: 19.4/10$

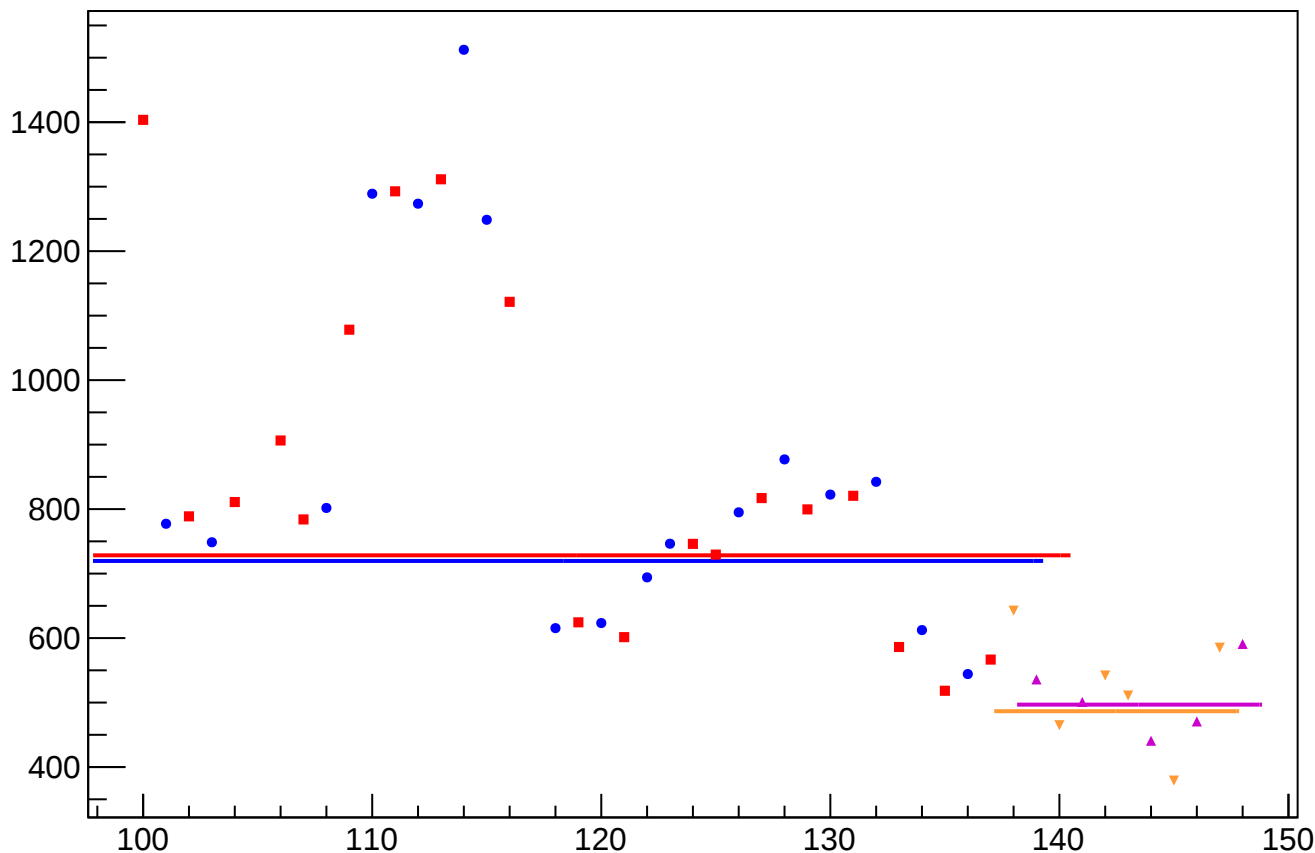
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -423.634 ± 187.400 $\chi^2/\text{NDF}: 23.1/21$

Out: 165.551 ± 182.687 $\chi^2/\text{NDF}: 27.1/24$

All: -121.538 ± 130.814 $\chi^2/\text{NDF}: 55.3/46$

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: 486.601 $\pm$ 0.169 χ^2 /NDF: 269389.9/5

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 496.801 $\pm$ 0.175 χ^2 /NDF: 80758.7/4

Left: 491.523 $\pm$ 0.122 χ^2 /NDF: 351900.8/10

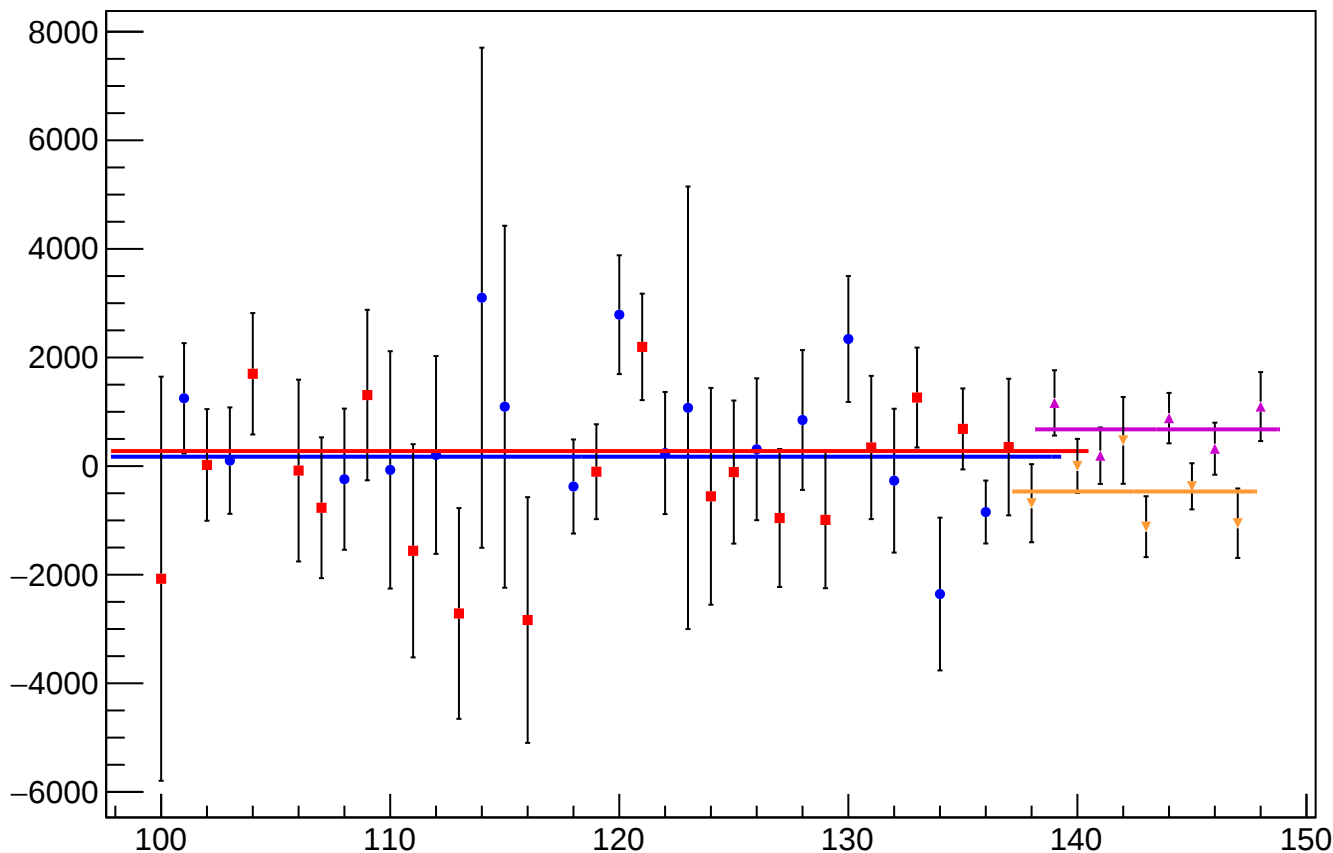
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 592.272 $\pm$ 0.133 χ^2 /NDF: 1520023.0/21

Out: 587.542 $\pm$ 0.129 χ^2 /NDF: 2034688.5/24

All: 589.847 $\pm$ 0.092 χ^2 /NDF: 3555364.8/46

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: -467.960 $\pm$ 231.269 χ^2 /NDF:4.6/5

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 676.790 $\pm$ 236.152 χ^2 /NDF:2.7/4

Left: 92.458 $\pm$ 165.231 χ^2 /NDF: 19.3/10

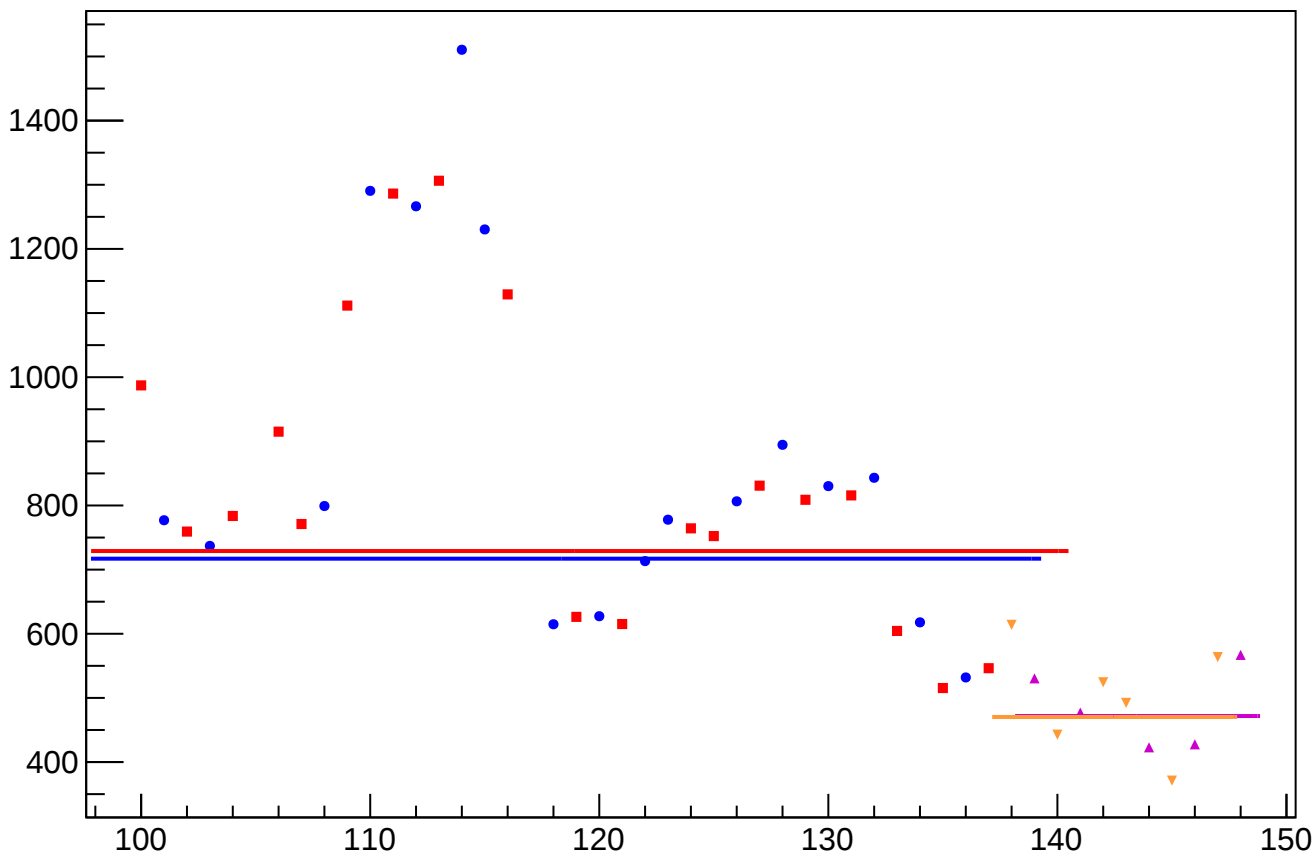
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 472.351 $\pm$ 182.013 χ^2 /NDF:22.7/21

Out: -169.261 $\pm$ 179.008 χ^2 /NDF:24.8/24

All: 146.205 $\pm$ 127.627 χ^2 /NDF: 53.8/46

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: 470.268 $\pm$ 0.164 χ^2 /NDF: 249830.7/5

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 471.751 $\pm$ 0.167 χ^2 /NDF: 103271.3/4

Left: 470.994 $\pm$ 0.117 χ^2 /NDF: 353142.3/10

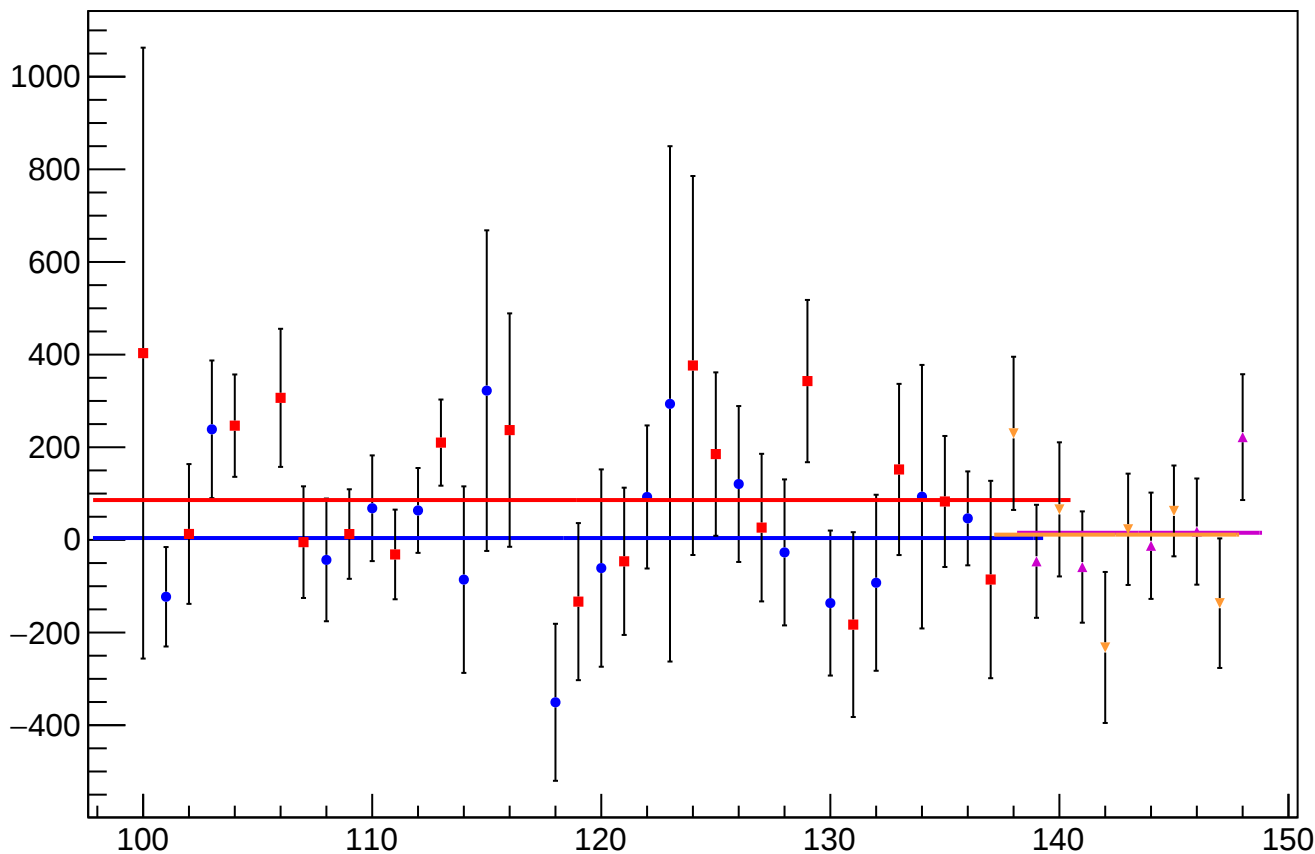
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 571.343 $\pm$ 0.129 χ^2 /NDF: 1761968.2/21

Out: 573.985 $\pm$ 0.127 χ^2 /NDF: 2143958.4/24

All: 572.686 $\pm$ 0.090 χ^2 /NDF: 3906140.8/46

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: 11.341 ± 53.734 $\chi^2/\text{NDF}: 5.5/5$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 15.380 ± 54.018 $\chi^2/\text{NDF}: 3.0/4$

Left: 13.349 ± 38.096 $\chi^2/\text{NDF}: 8.5/10$

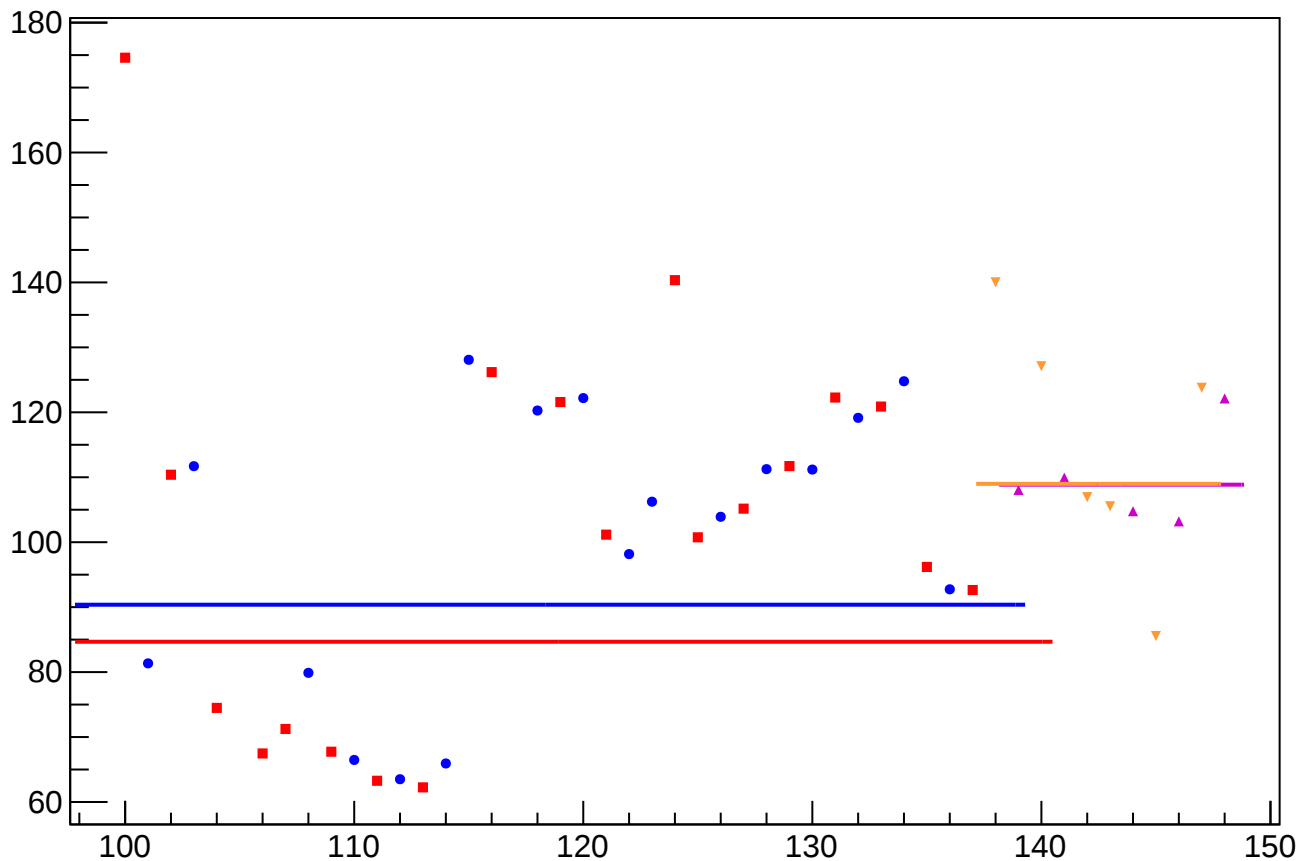
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 7.501 ± 29.928 $\chi^2/\text{NDF}: 15.8/21$

Out: 65.235 ± 28.348 $\chi^2/\text{NDF}: 24.5/24$

All: 37.932 ± 20.581 $\chi^2/\text{NDF}: 42.2/46$

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: 108.985 $\pm$ 0.038 χ^2 /NDF: 240309.8/5

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 108.858 $\pm$ 0.038 χ^2 /NDF: 26752.0/4

Left: 108.922 $\pm$ 0.027 χ^2 /NDF: 267067.4/10

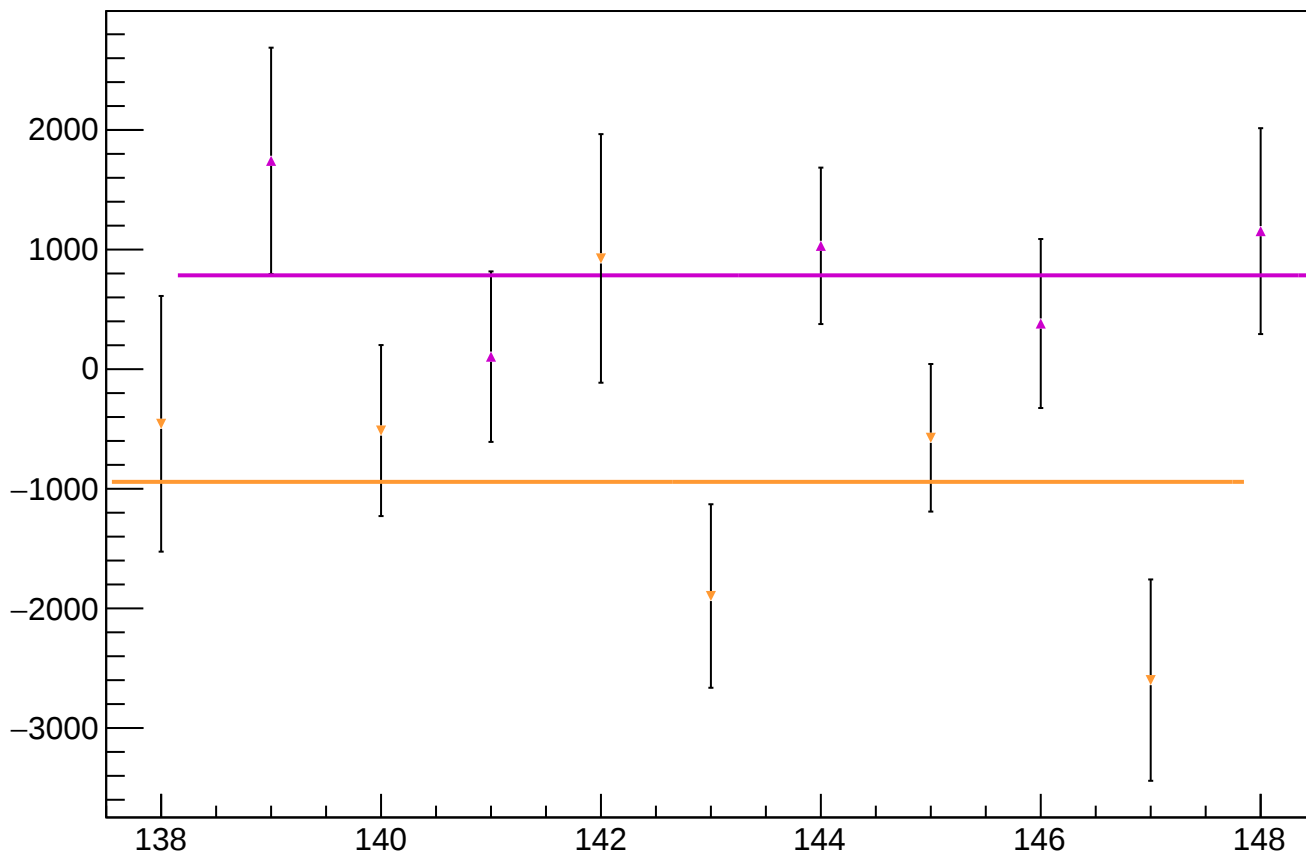
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 96.049 $\pm$ 0.021 χ^2 /NDF: 843161.0/21

Out: 91.440 $\pm$ 0.020 χ^2 /NDF: 1443915.4/24

All: 93.619 $\pm$ 0.015 χ^2 /NDF: 2312077.0/46

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -942.033+/-324.521 χ^2/NDF : 9.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 784.570+/-337.521 χ^2/NDF : 2.6/4

Left: -112.623+/-233.932 χ^2/NDF : 25.8/10

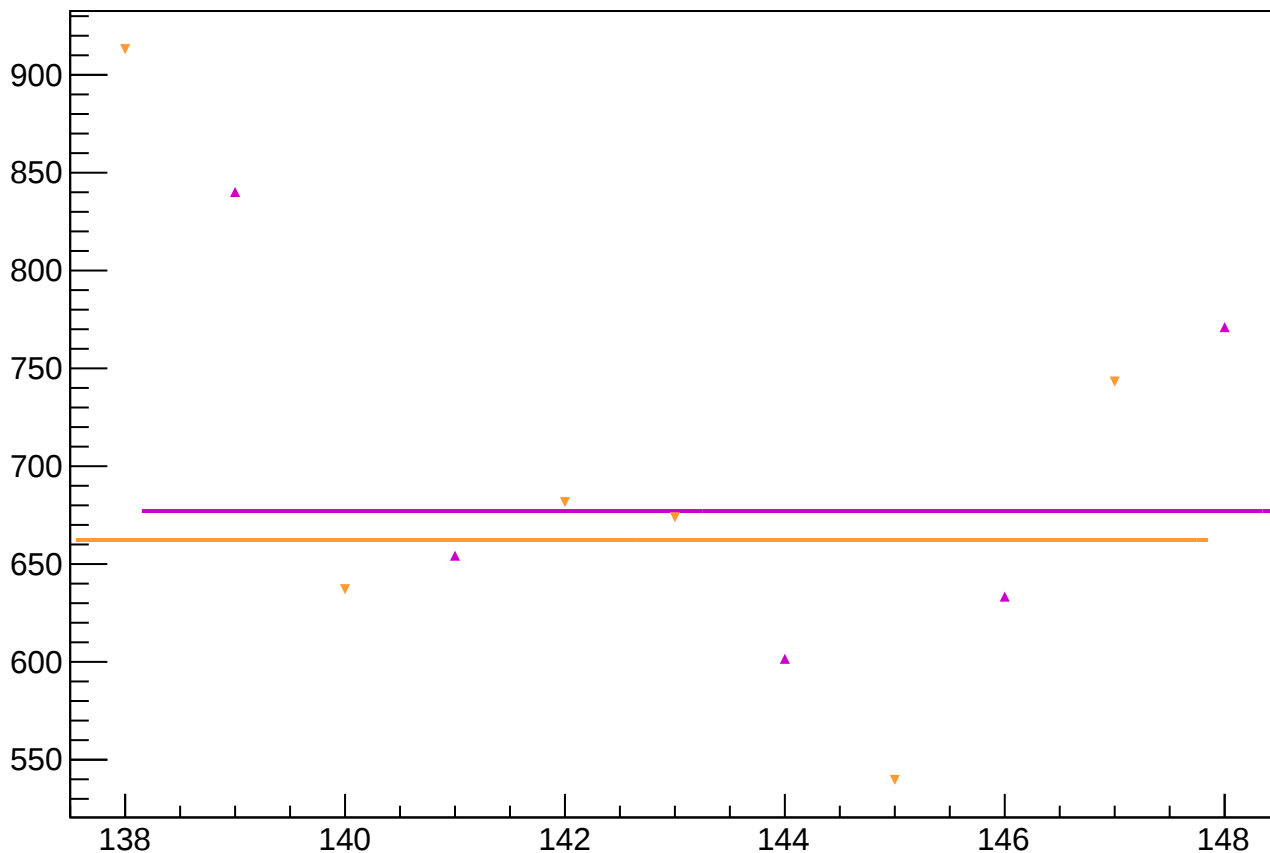
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.570+/-337.521 χ^2/NDF : 2.6/4

Out: -942.033+/-324.521 χ^2/NDF : 9.6/5

All: -112.623+/-233.932 χ^2/NDF : 25.8/10

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 662.299+/-0.229 χ^2/NDF : 211299.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 677.098+/-0.239 χ^2/NDF : 119647.3/4

Left: 669.408+/-0.165 χ^2/NDF : 332944.8/10

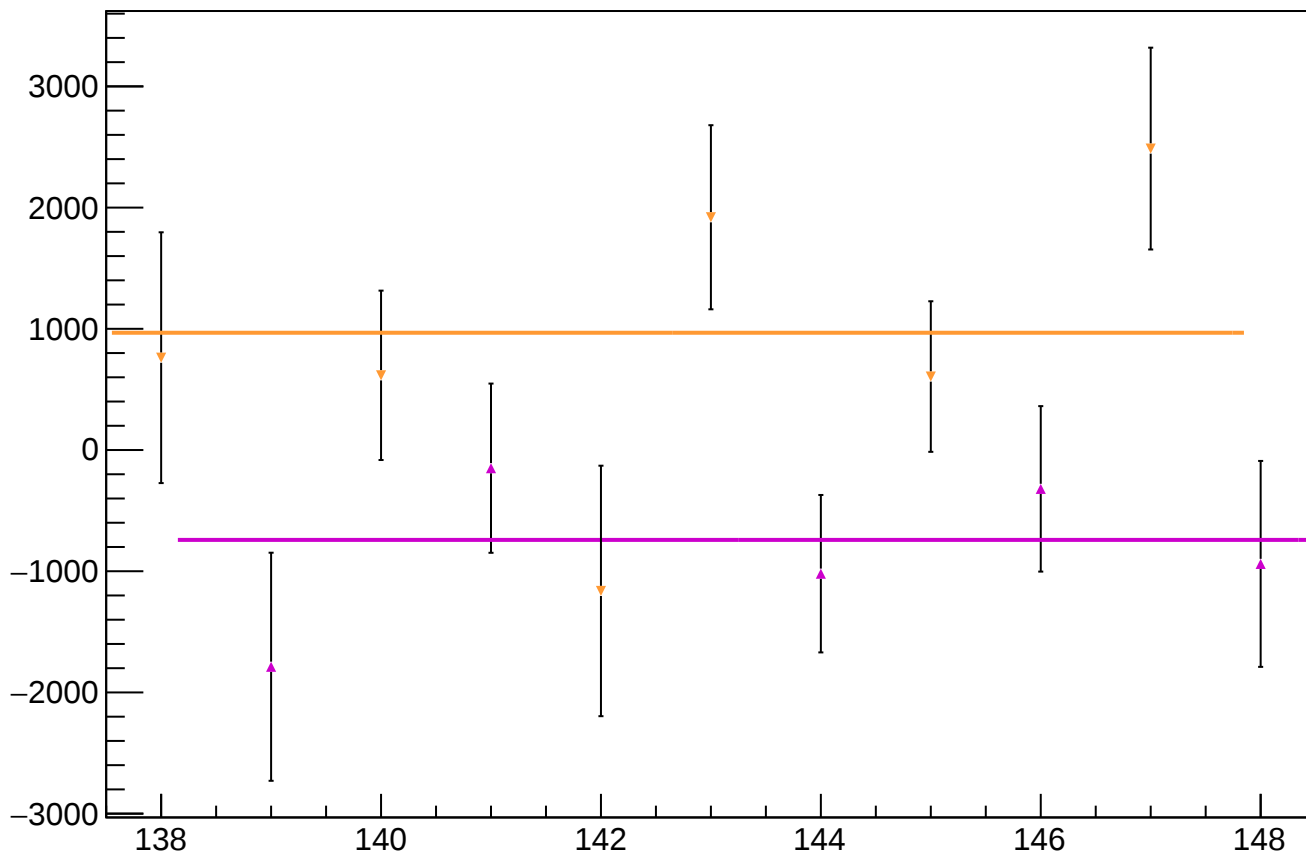
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 677.098+/-0.239 χ^2/NDF : 119647.3/4

Out: 662.299+/-0.229 χ^2/NDF : 211299.4/5

All: 669.408+/-0.165 χ^2/NDF : 332944.8/10

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 967.562 ± 321.281 $\chi^2/\text{NDF}: 9.8/5$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -741.526 ± 331.775 $\chi^2/\text{NDF}: 2.6/4$

Left: 140.476 ± 230.801 $\chi^2/\text{NDF}: 26.1/10$

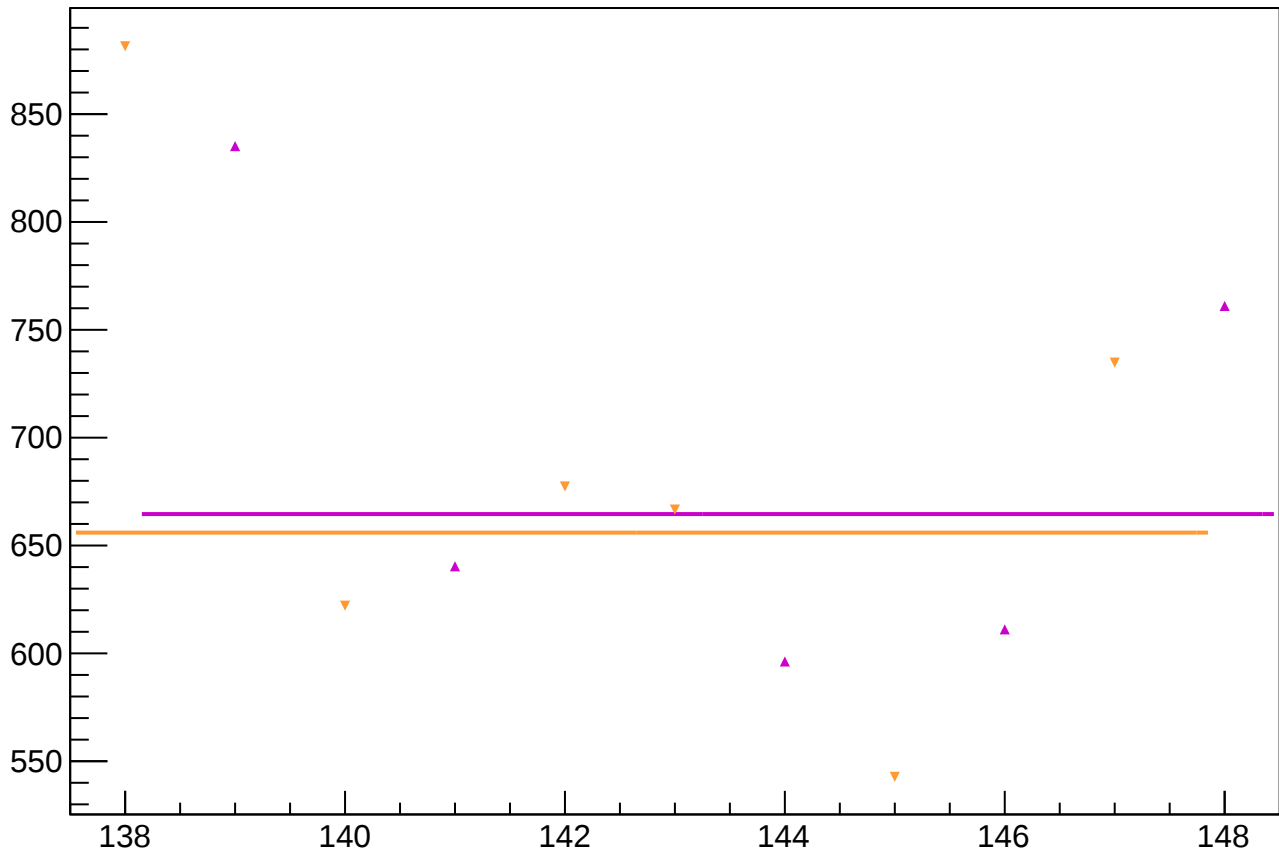
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -741.526 ± 331.775 $\chi^2/\text{NDF}: 2.6/4$

Out: 967.562 ± 321.281 $\chi^2/\text{NDF}: 9.8/5$

All: 140.476 ± 230.801 $\chi^2/\text{NDF}: 26.1/10$

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 655.988+/-0.227 χ^2/NDF :185347.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 664.581+/-0.235 χ^2/NDF :128367.0/4

Left: 660.146+/-0.163 χ^2/NDF : 314407.1/10

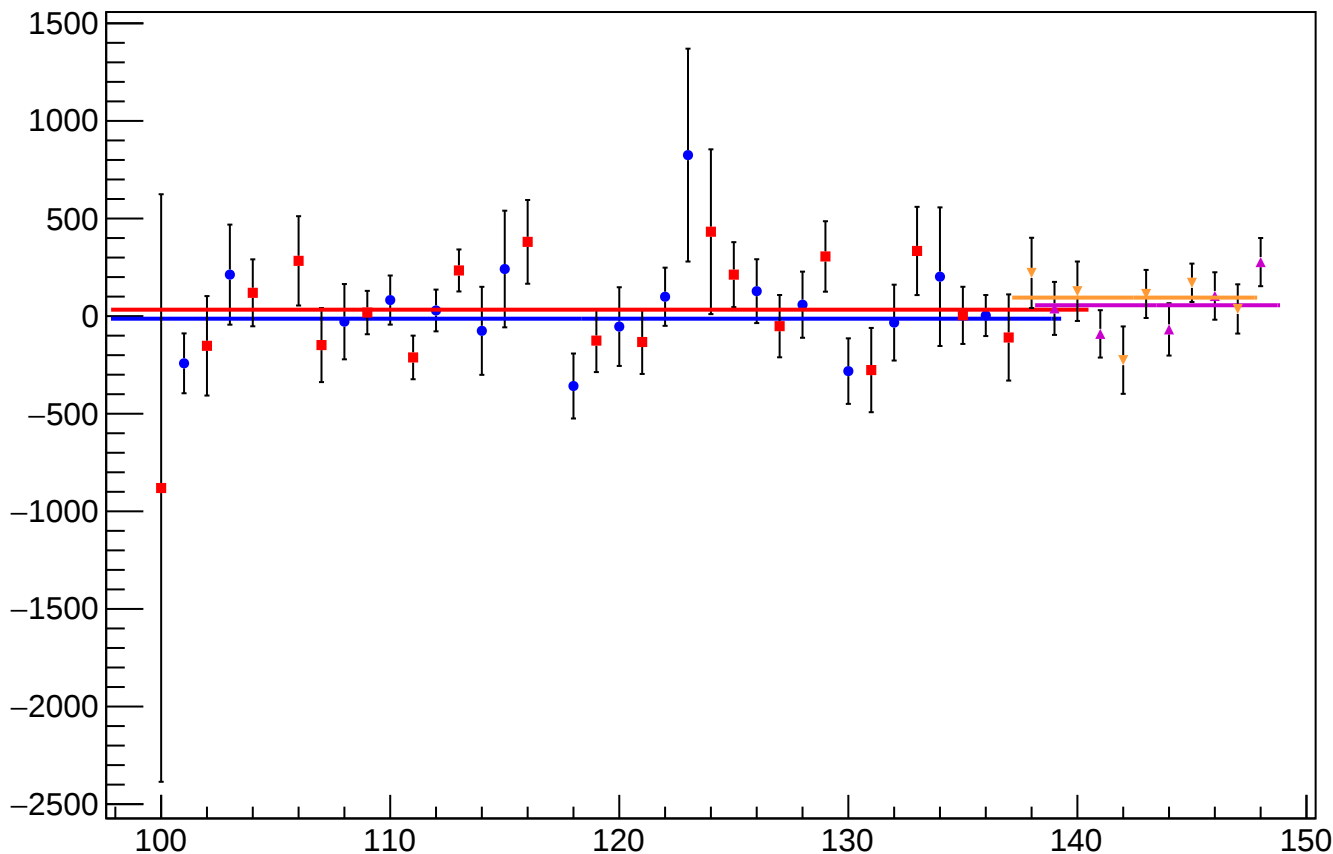
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 664.581+/-0.235 χ^2/NDF :128367.0/4

Out: 655.988+/-0.227 χ^2/NDF :185347.7/5

All: 660.146+/-0.163 χ^2/NDF : 314407.1/10

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 94.896 ± 54.241 χ^2/NDF : 4.8/5

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 55.744 ± 56.691 χ^2/NDF : 5.7/4

Left: 76.184 ± 39.192 χ^2/NDF : 10.7/10

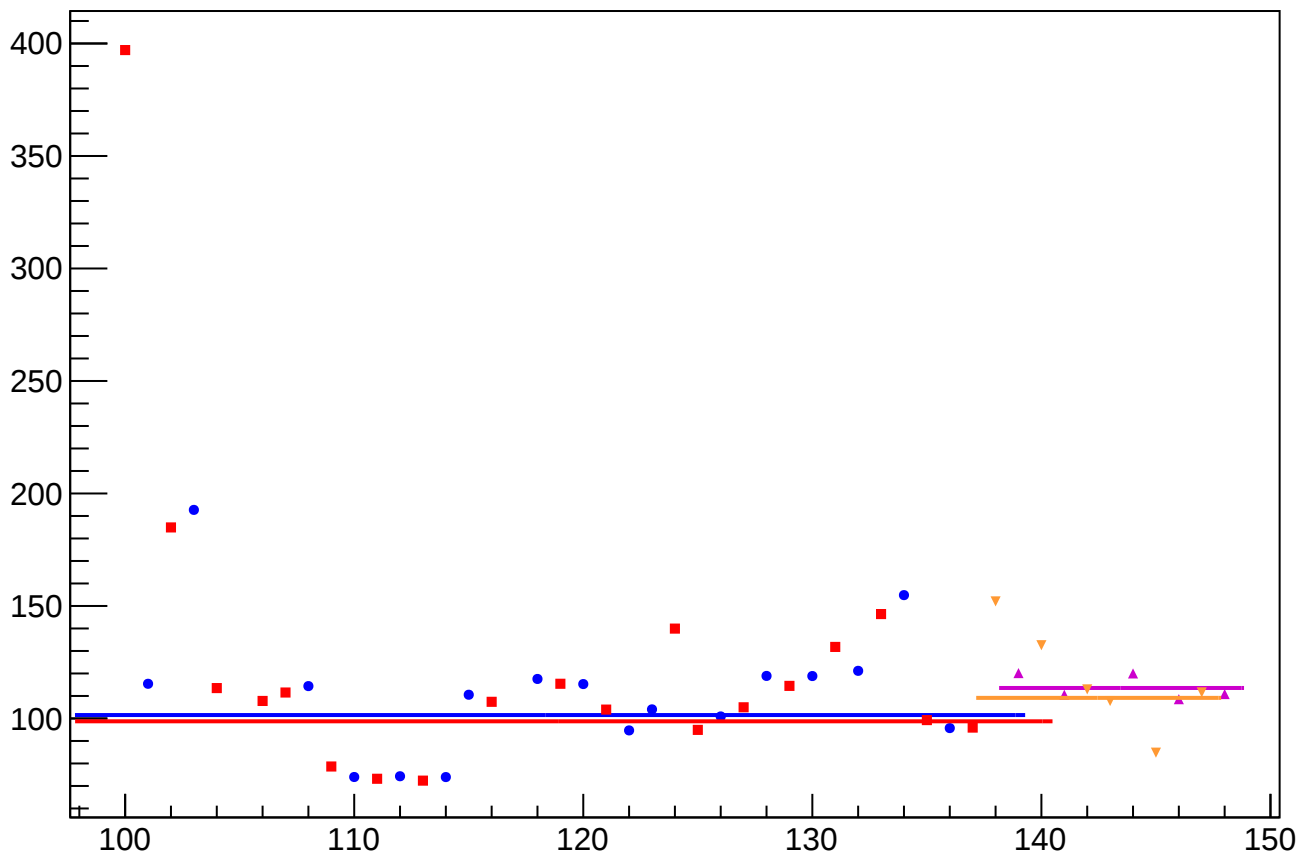
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 10.128 ± 32.983 χ^2/NDF : 22.4/21

Out: 54.024 ± 31.599 χ^2/NDF : 30.7/24

All: 33.016 ± 22.818 χ^2/NDF : 54.0/46

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: 109.154 $\pm$ 0.038 χ^2 /NDF: 285576.2/5

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 113.552 $\pm$ 0.040 χ^2 /NDF: 14936.7/4

Left: 111.256 $\pm$ 0.028 χ^2 /NDF: 306797.2/10

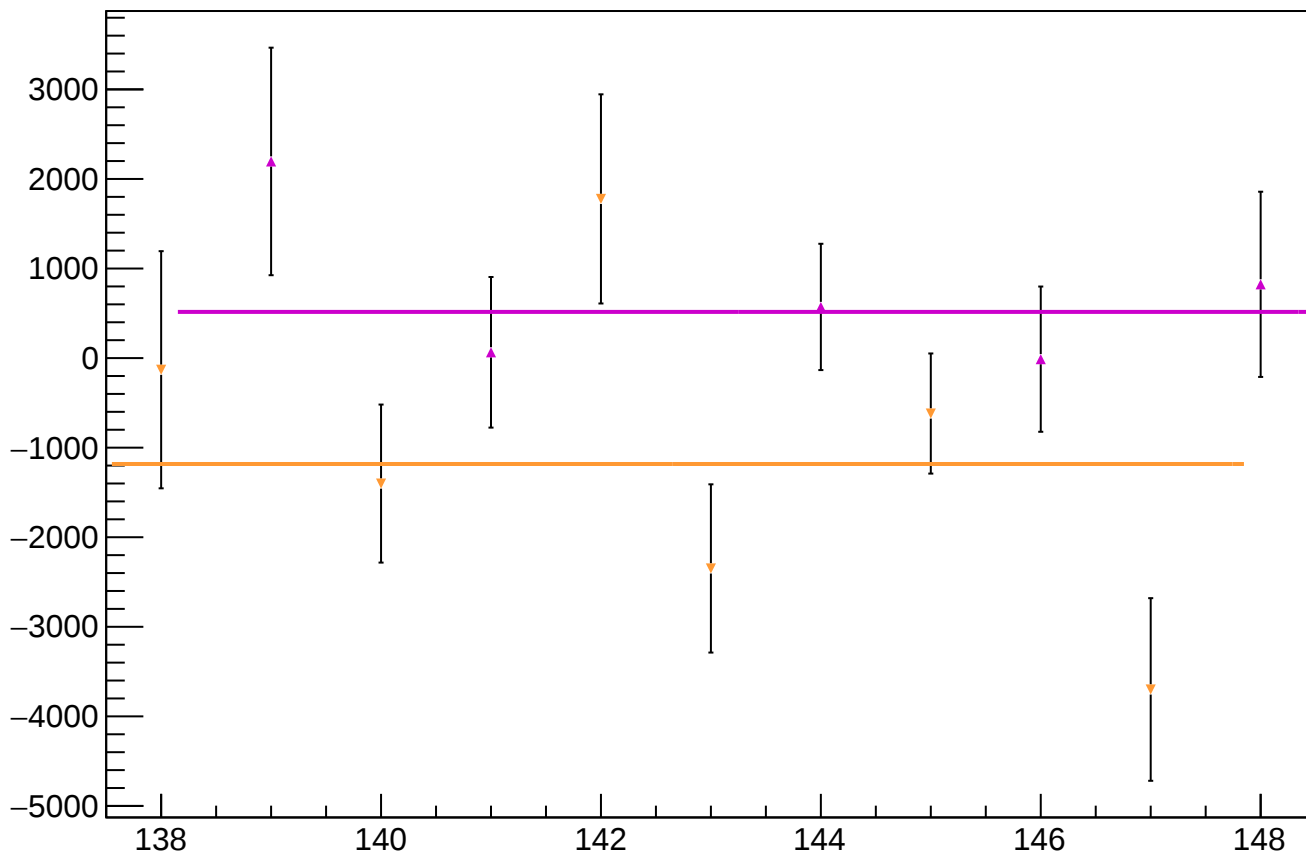
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 105.592 $\pm$ 0.023 χ^2 /NDF: 756251.7/21

Out: 102.271 $\pm$ 0.022 χ^2 /NDF: 1159946.1/24

All: 103.861 $\pm$ 0.016 χ^2 /NDF: 1926768.2/46

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1182.367+/-380.462 χ^2/NDF :15.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 515.753+/-392.138 χ^2/NDF :2.6/4

Left: -358.966+/-273.062 χ^2/NDF : 27.7/10

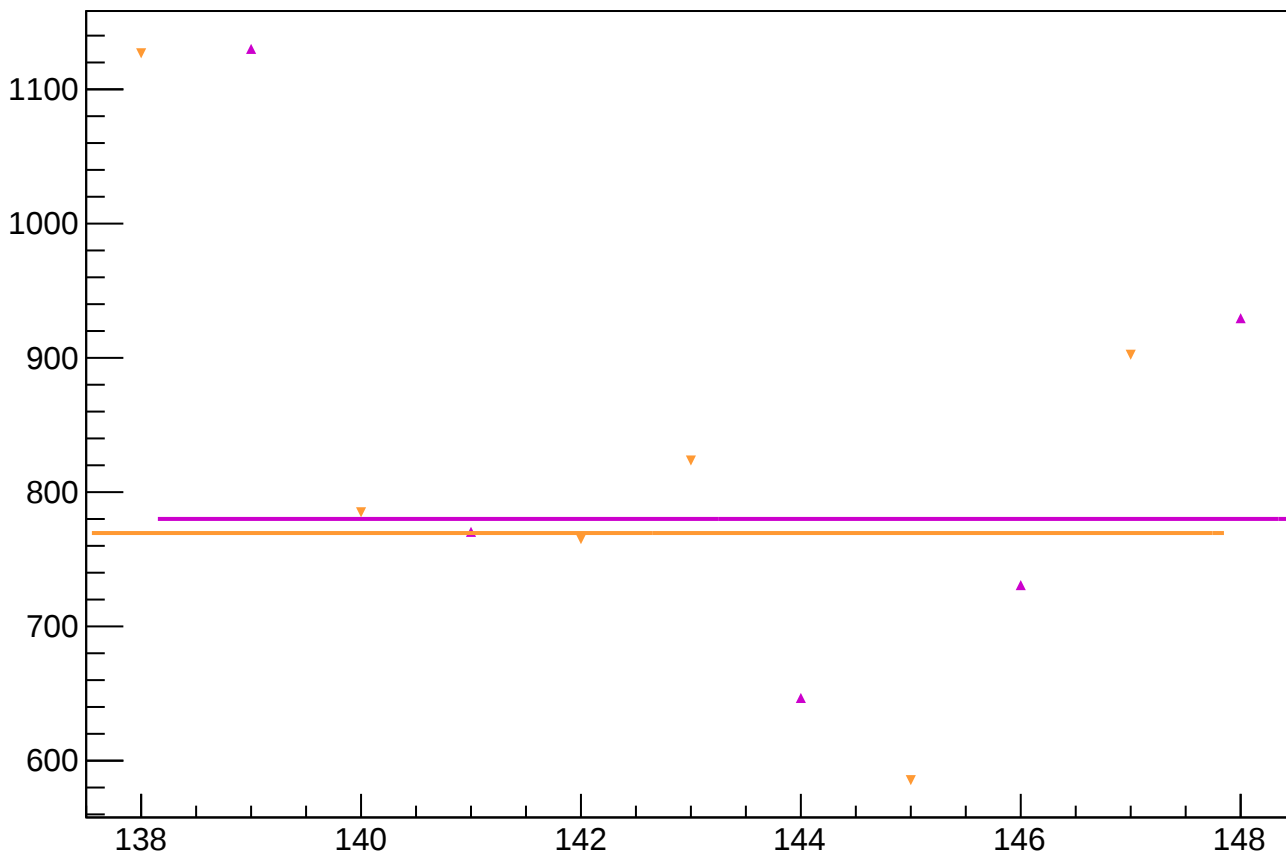
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 515.753+/-392.138 χ^2/NDF :2.6/4

Out: -1182.367+/-380.462 χ^2/NDF :15.5/5

All: -358.966+/-273.062 χ^2/NDF : 27.7/10

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 769.540+/-0.269 χ^2/NDF :337517.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 780.051+/-0.277 χ^2/NDF :272934.2/4

Left: 774.637+/-0.193 χ^2/NDF : 611191.6/10

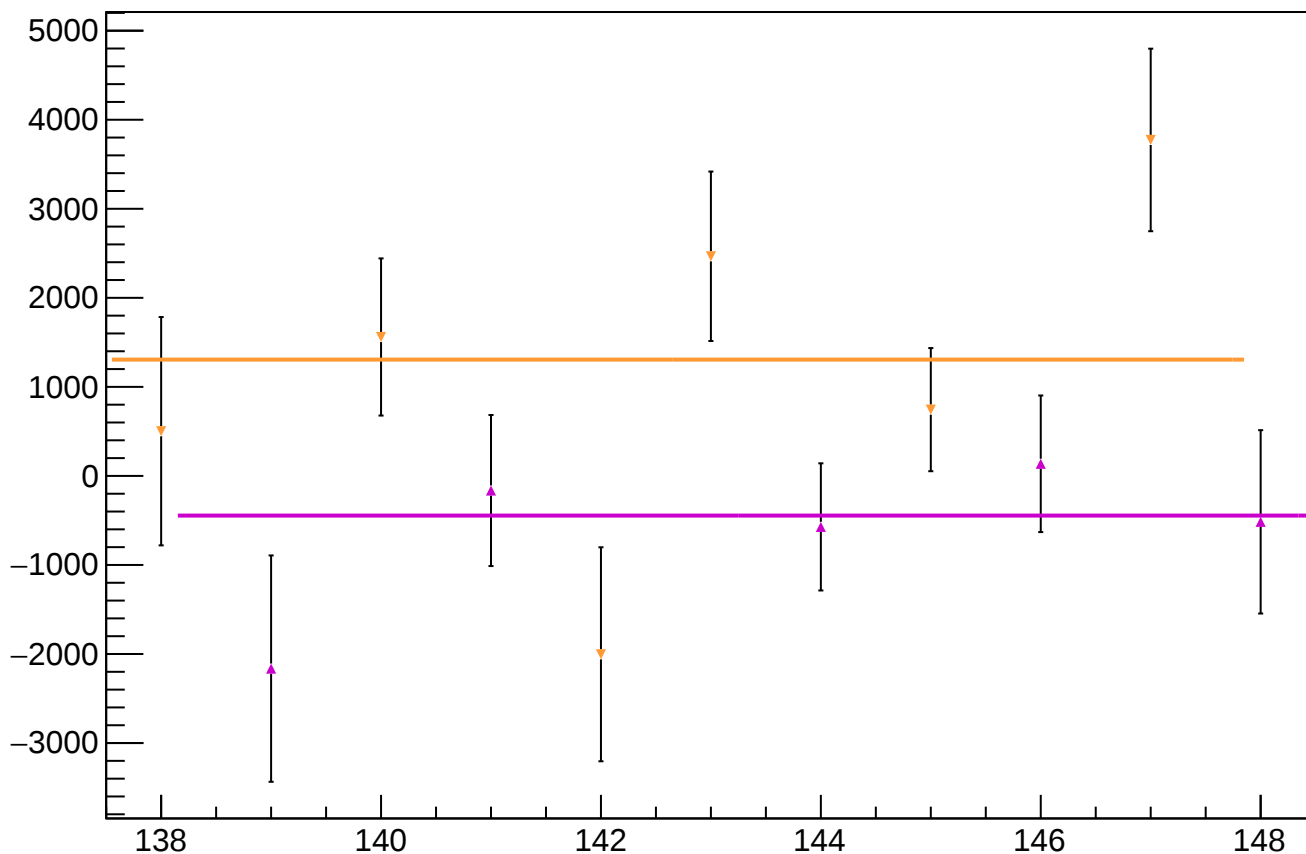
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 780.051+/-0.277 χ^2/NDF :272934.2/4

Out: 769.540+/-0.269 χ^2/NDF :337517.2/5

All: 774.637+/-0.193 χ^2/NDF : 611191.6/10

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1306.223+/-385.398 χ^2/NDF :16.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -445.333+/-388.846 χ^2/NDF :2.5/4

Left: 438.246+/-273.728 χ^2/NDF : 28.8/10

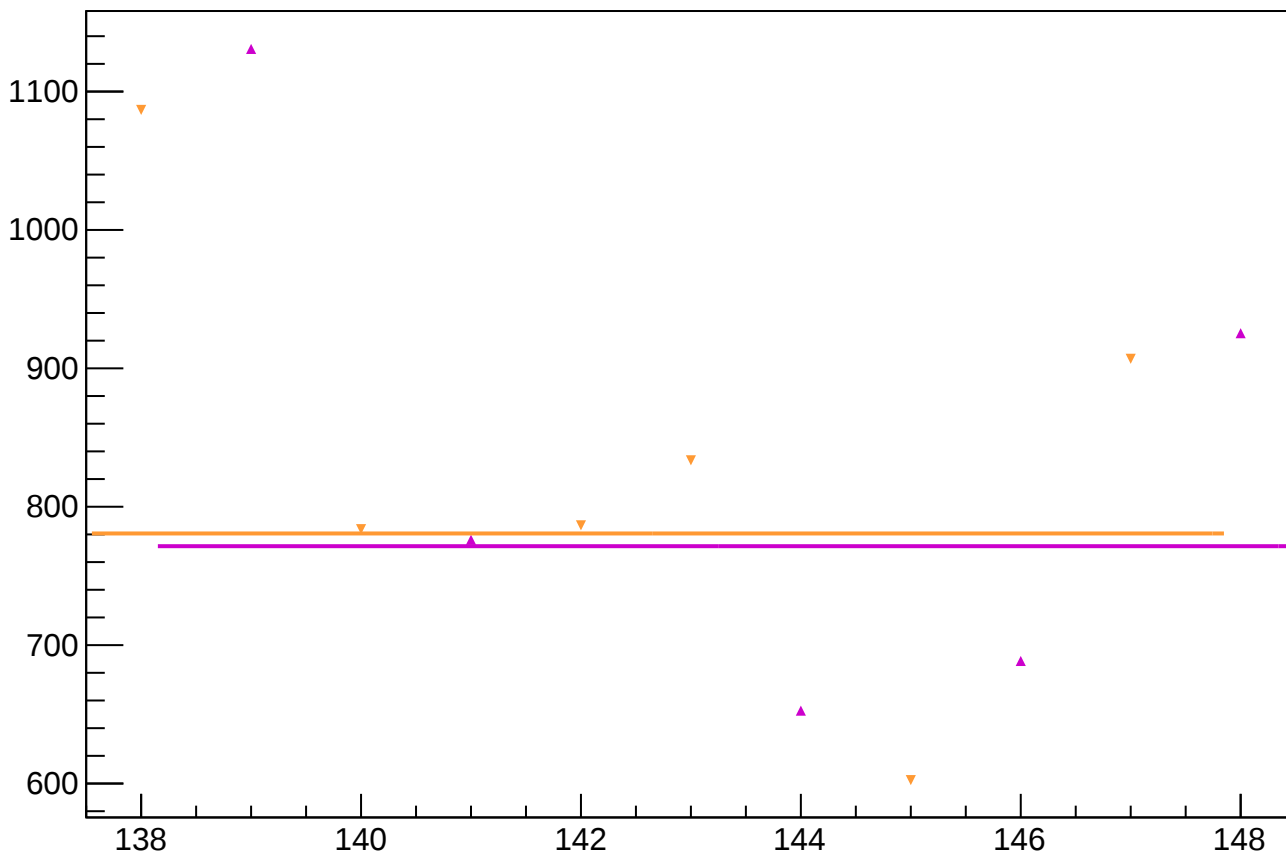
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -445.333+/-388.846 χ^2/NDF :2.5/4

Out: 1306.223+/-385.398 χ^2/NDF :16.0/5

All: 438.246+/-273.728 χ^2/NDF : 28.8/10

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 780.688+/-0.273 χ^2/NDF :283396.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 771.493+/-0.275 χ^2/NDF :283334.2/4

Left: 776.131+/-0.194 χ^2/NDF : 567294.6/10

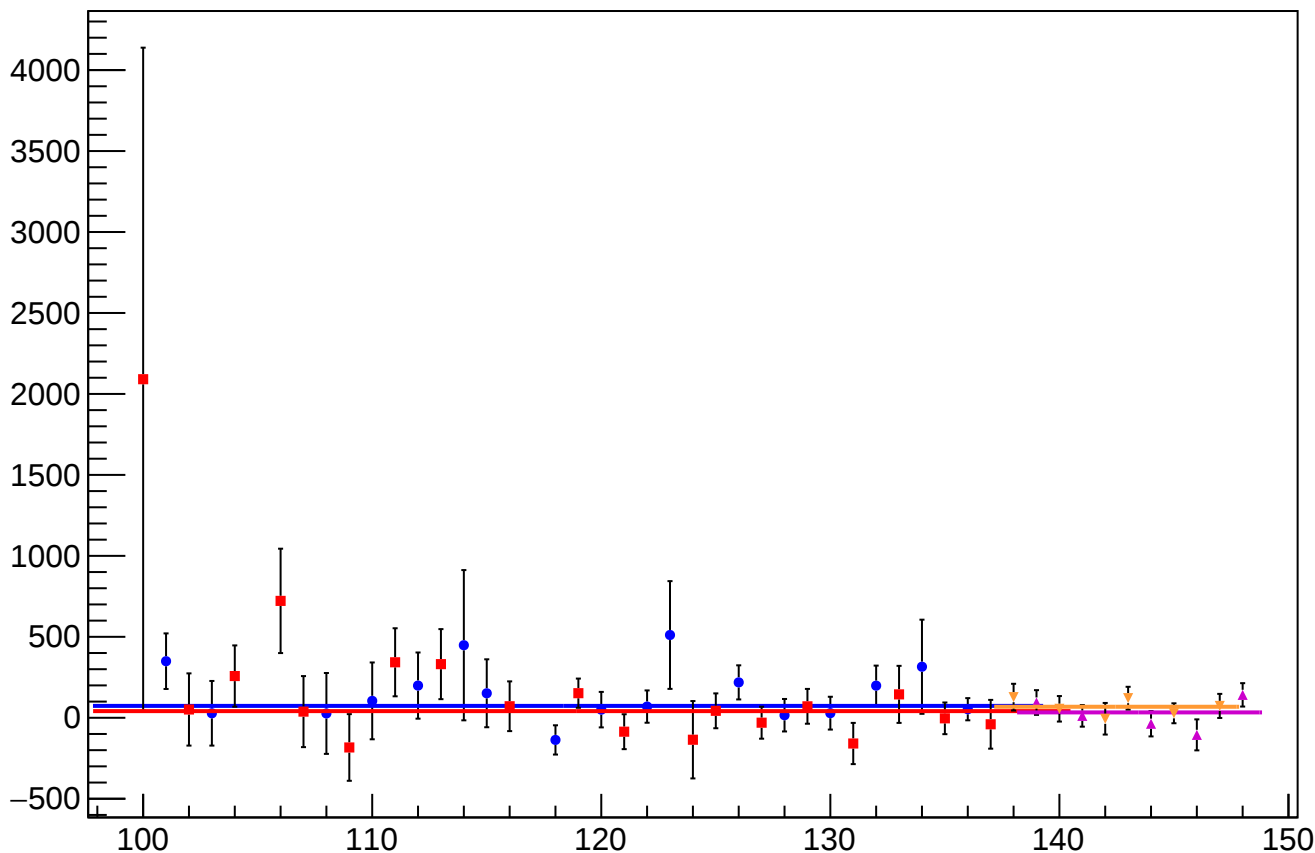
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 771.493+/-0.275 χ^2/NDF :283334.2/4

Out: 780.688+/-0.273 χ^2/NDF :283396.2/5

All: 776.131+/-0.194 χ^2/NDF : 567294.6/10

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448+/-31.060 χ^2/NDF : 15.3/16

Left Out: 68.086+/-30.700 χ^2/NDF : 2.1/5

Right Out: 41.118+/-32.741 χ^2/NDF : 19.2/18

Left In: 33.174+/-34.104 χ^2/NDF : 5.9/4

Left: 52.458+/-22.817 χ^2/NDF : 8.6/10

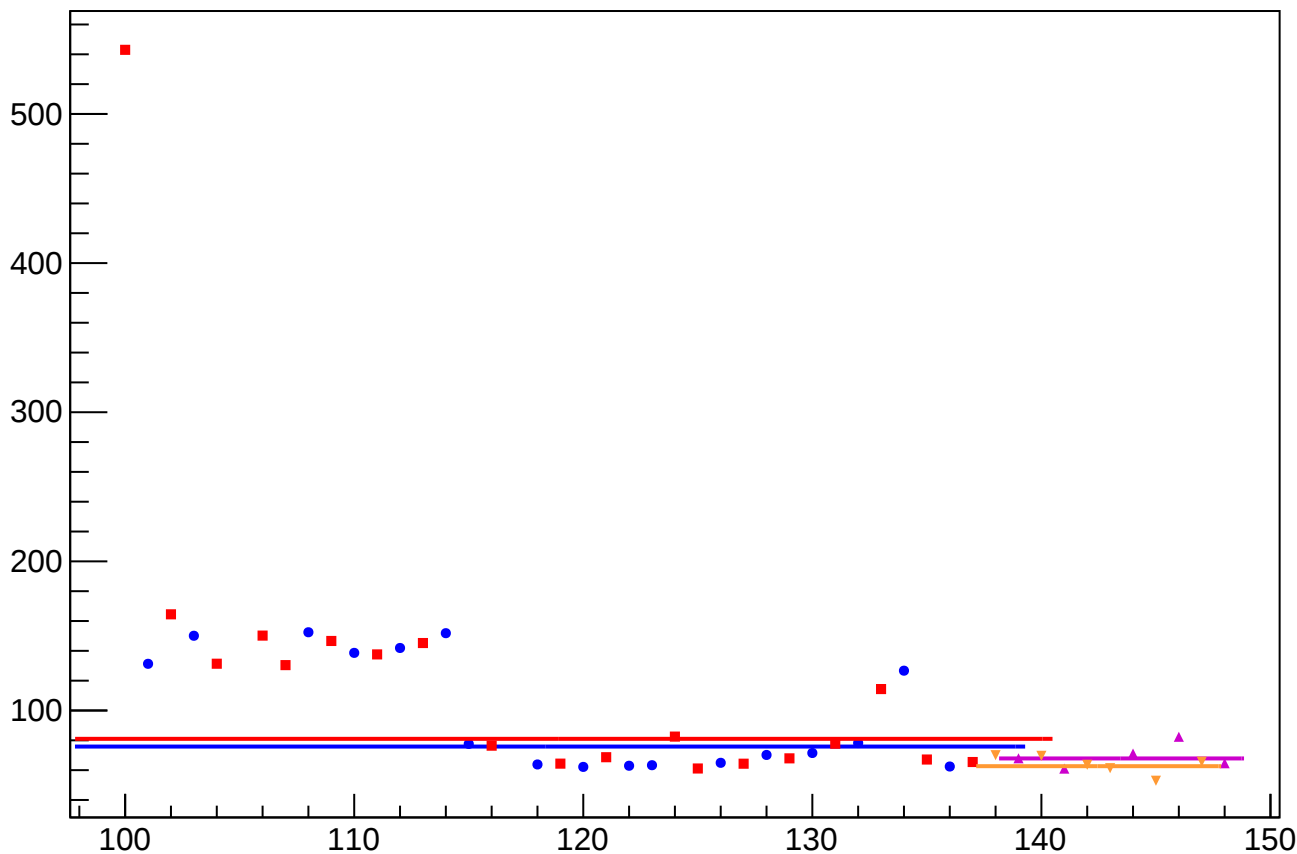
Right: 58.134+/-22.534 χ^2/NDF : 35.0/35

In: 55.188+/-22.964 χ^2/NDF : 21.9/21

Out: 55.468+/-22.395 χ^2/NDF : 21.7/24

All: 55.331+/-16.033 χ^2/NDF : 43.6/46

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: 62.661 $\pm$ 0.022 χ^2 /NDF: 86038.5/5

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 67.846 $\pm$ 0.024 χ^2 /NDF: 74502.4/4

Left: 64.982 $\pm$ 0.016 χ^2 /NDF: 186076.4/10

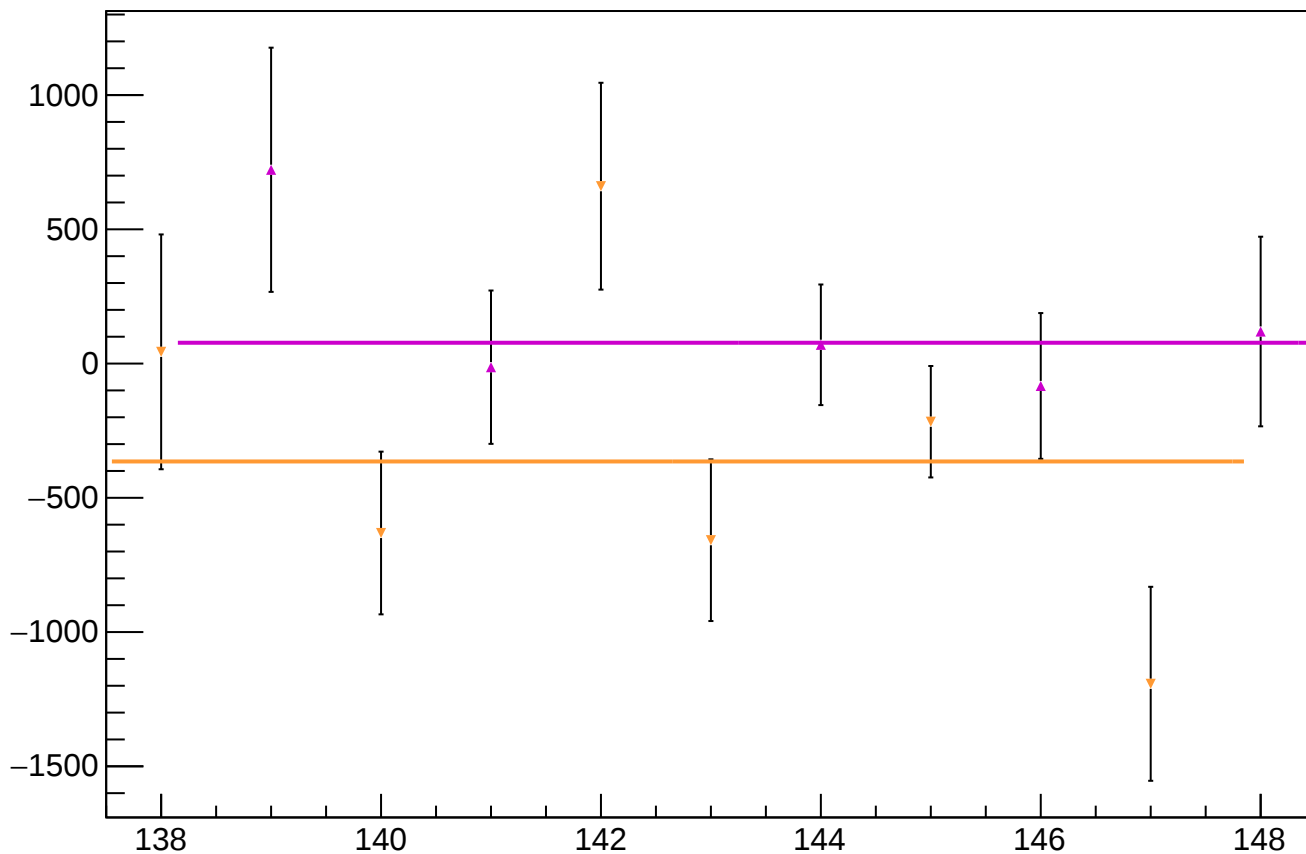
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 72.205 $\pm$ 0.016 χ^2 /NDF: 1484222.7/21

Out: 71.241 $\pm$ 0.016 χ^2 /NDF: 2047817.3/24

All: 71.711 $\pm$ 0.011 χ^2 /NDF: 3533844.2/46

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -364.604 ± 124.254 $\chi^2/\text{NDF}: 15.4/5$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 77.525 ± 130.725 $\chi^2/\text{NDF}: 2.5/4$

Left: -154.753 ± 90.062 $\chi^2/\text{NDF}: 23.9/10$

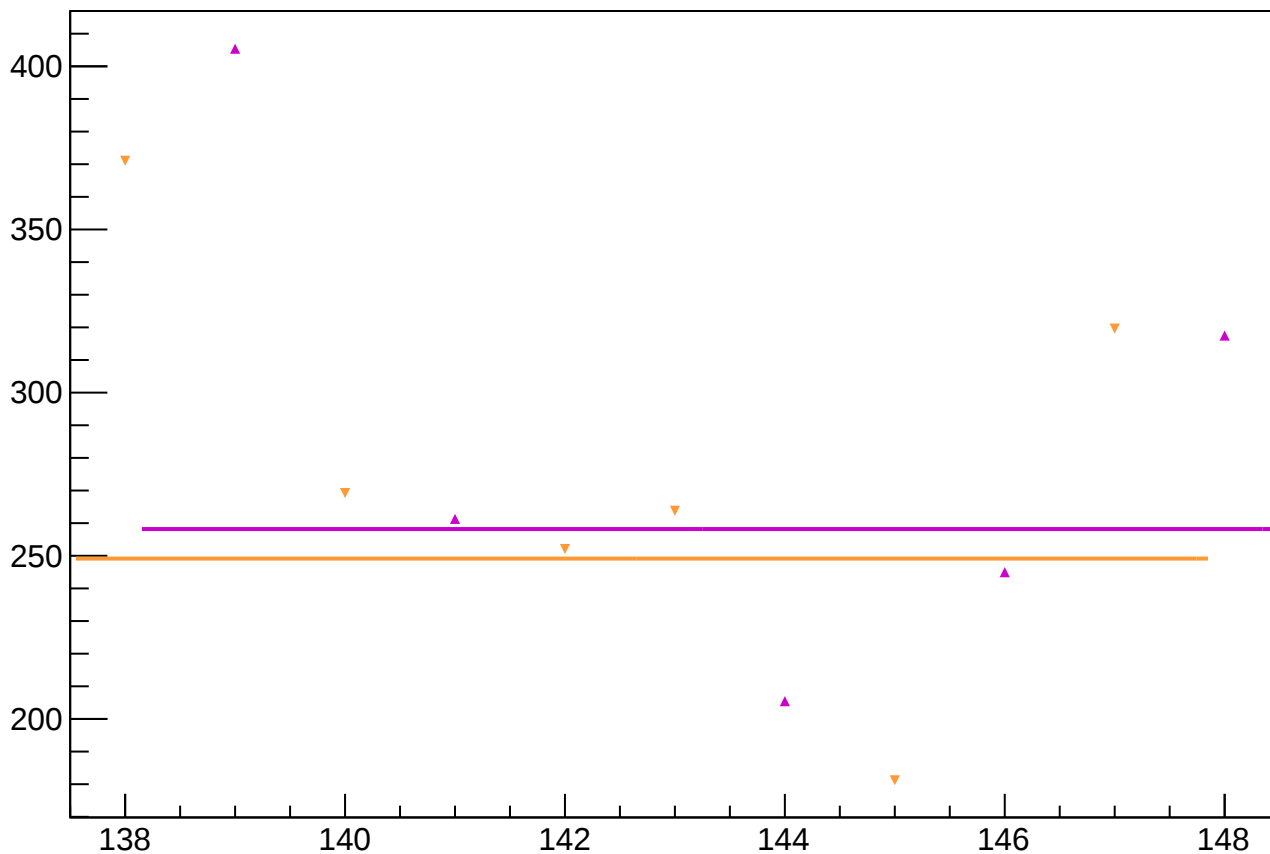
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 77.525 ± 130.725 $\chi^2/\text{NDF}: 2.5/4$

Out: -364.604 ± 124.254 $\chi^2/\text{NDF}: 15.4/5$

All: -154.753 ± 90.062 $\chi^2/\text{NDF}: 23.9/10$

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 249.143+/-0.088 χ^2/NDF : 459631.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 258.197+/-0.092 χ^2/NDF : 381231.9/4

Left: 253.441+/-0.064 χ^2/NDF : 845903.5/10

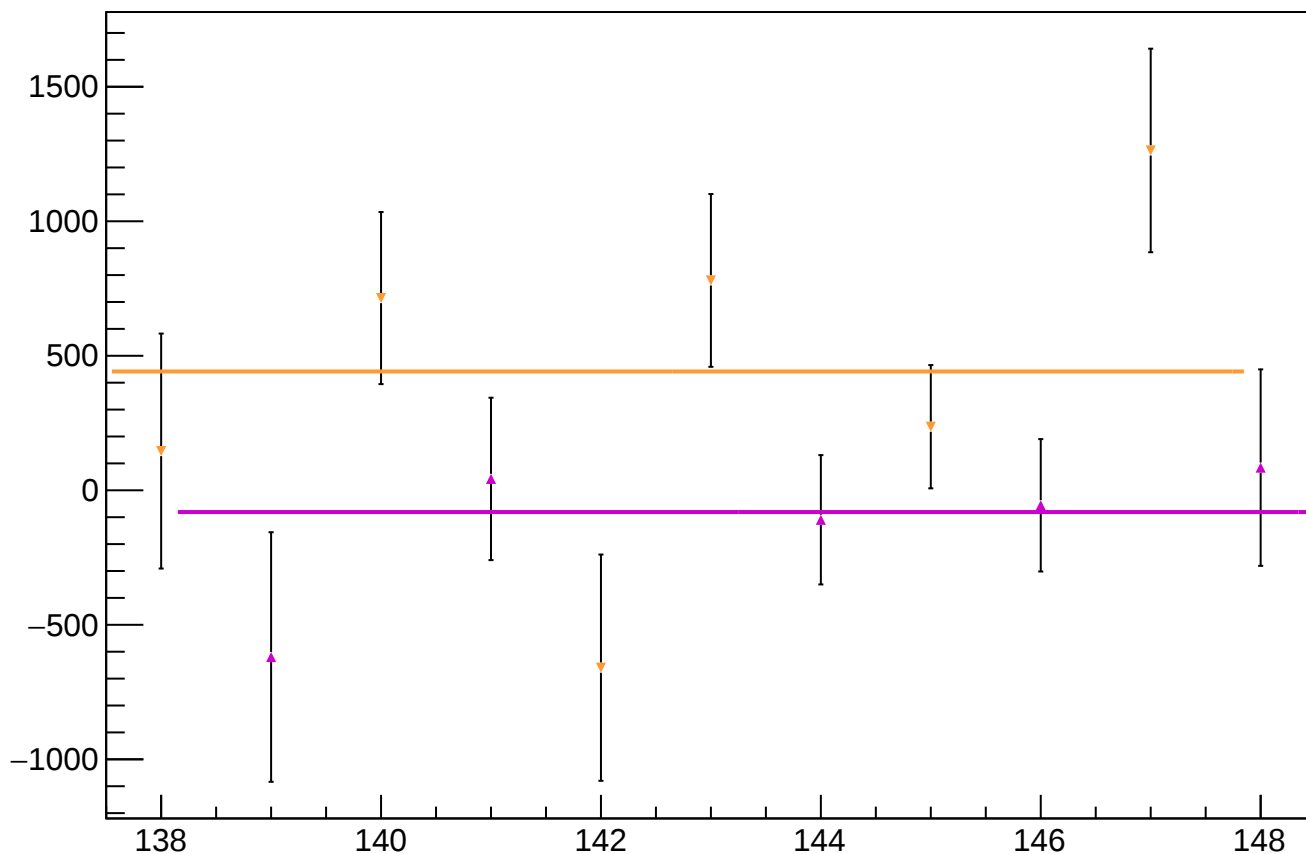
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.197+/-0.092 χ^2/NDF : 381231.9/4

Out: 249.143+/-0.088 χ^2/NDF : 459631.5/5

All: 253.441+/-0.064 χ^2/NDF : 845903.5/10

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 441.672+/-133.146 χ^2/NDF :14.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -80.785+/-132.518 χ^2/NDF :1.7/4

Left: 179.209+/-93.926 χ^2/NDF : 24.2/10

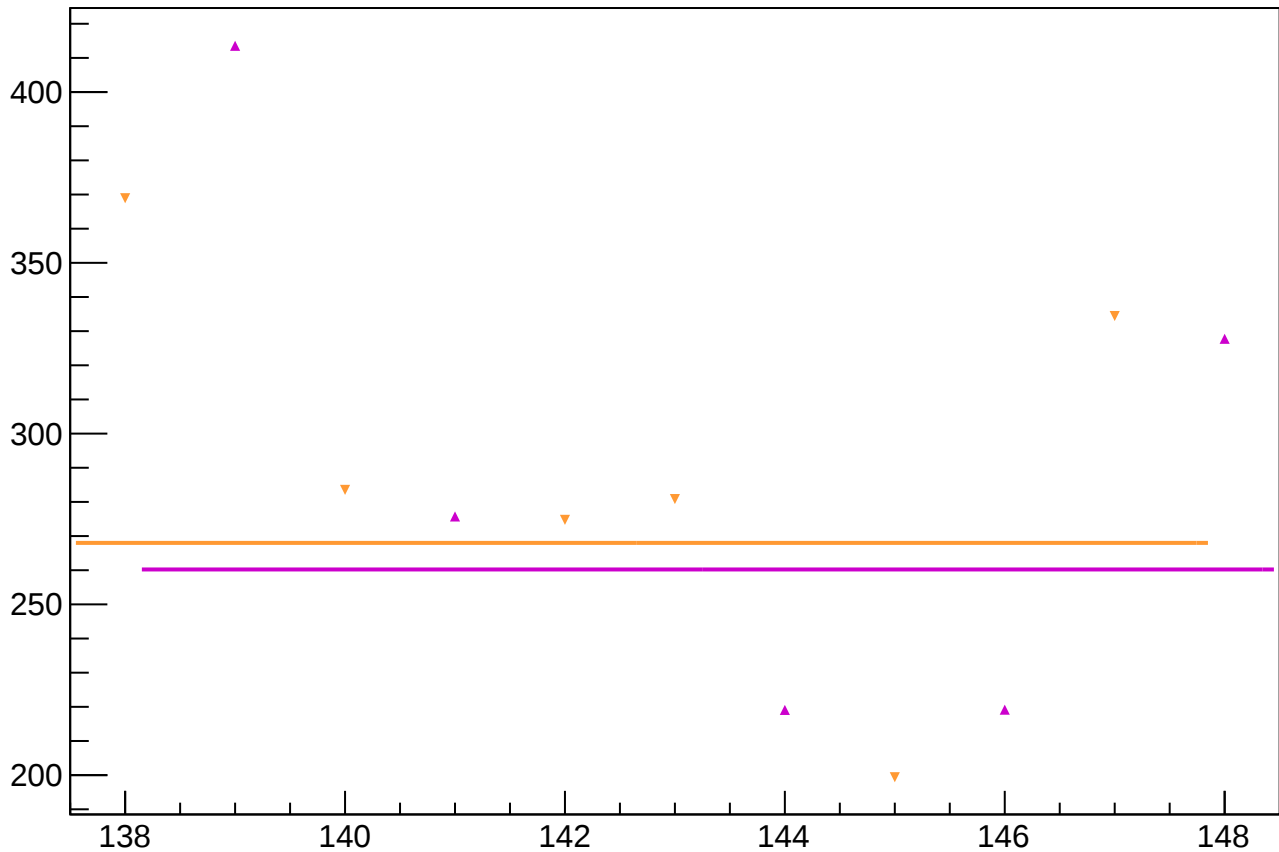
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.785+/-132.518 χ^2/NDF :1.7/4

Out: 441.672+/-133.146 χ^2/NDF :14.7/5

All: 179.209+/-93.926 χ^2/NDF : 24.2/10

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 268.003+/-0.094 χ^2/NDF :356313.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 260.221+/-0.094 χ^2/NDF :406416.0/4

Left: 264.093+/-0.066 χ^2/NDF : 766160.9/10

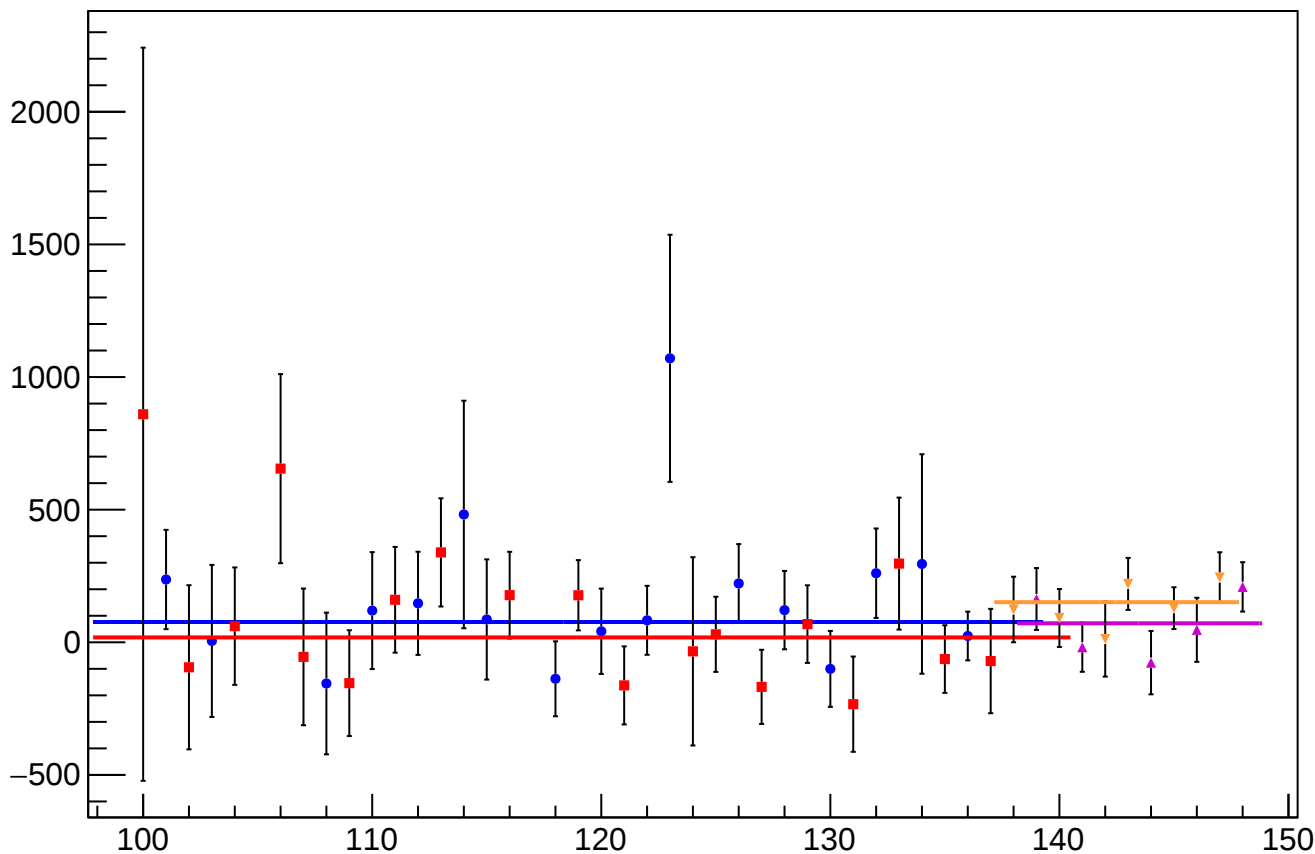
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 260.221+/-0.094 χ^2/NDF :406416.0/4

Out: 268.003+/-0.094 χ^2/NDF :356313.0/5

All: 264.093+/-0.066 χ^2/NDF : 766160.9/10

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 151.327+/-41.734 χ^2/NDF : 2.8/5

Right Out: 18.393+/-42.277 χ^2/NDF : 17.2/18

Left In: 71.576+/-47.437 χ^2/NDF : 5.3/4

Left: 116.531+/-31.334 χ^2/NDF : 9.8/10

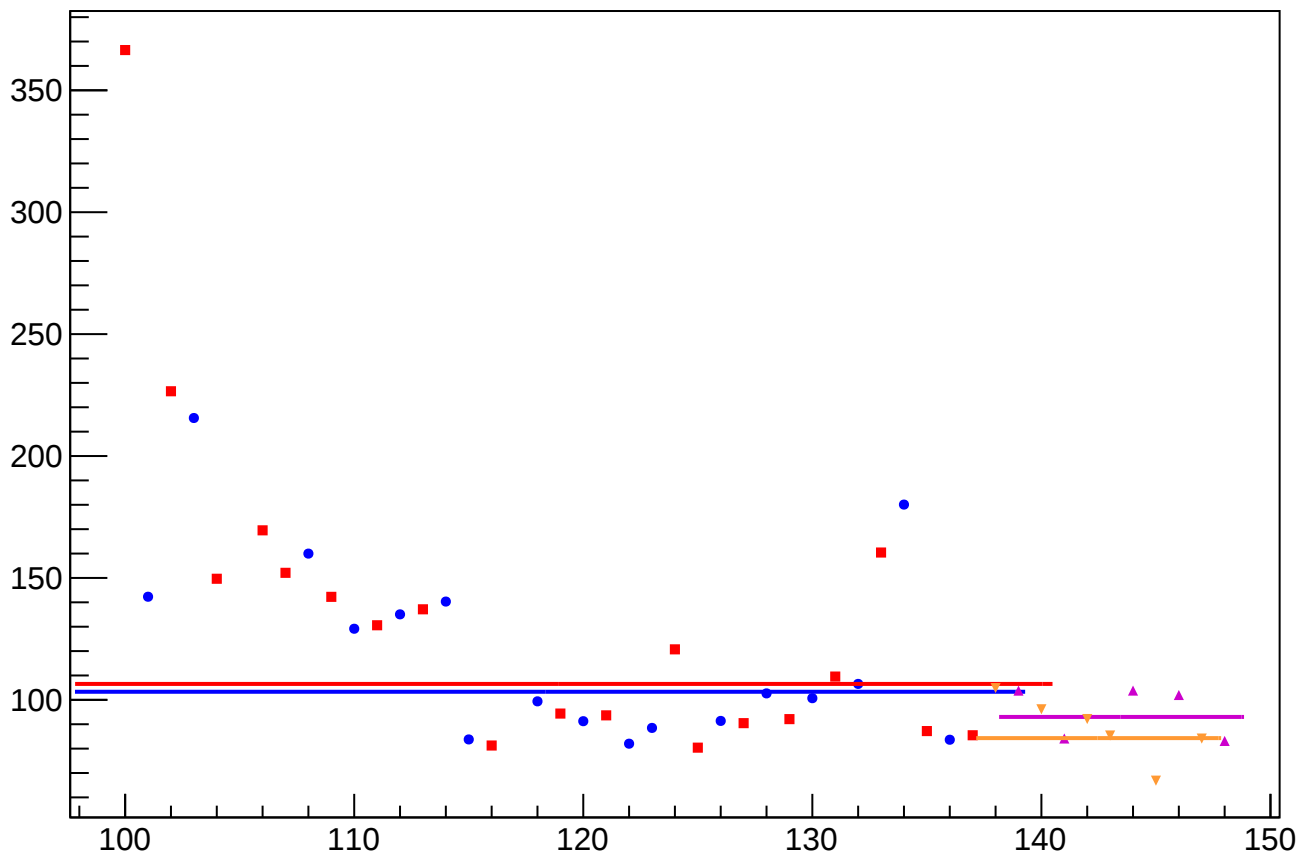
Right: 47.947+/-29.637 χ^2/NDF : 32.0/35

In: 74.363+/-31.259 χ^2/NDF : 19.2/21

Out: 85.720+/-29.701 χ^2/NDF : 25.0/24

All: 80.332+/-21.531 χ^2/NDF : 44.3/46

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: 84.309 $\pm$ 0.030 χ^2/NDF : 182964.1/5

Right Out: 106.532 $\pm$ 0.030 χ^2/NDF : 1071553.9/18

Left In: 92.996 $\pm$ 0.034 χ^2/NDF : 85237.8/4

Left: 88.099 $\pm$ 0.022 χ^2/NDF : 306014.6/10

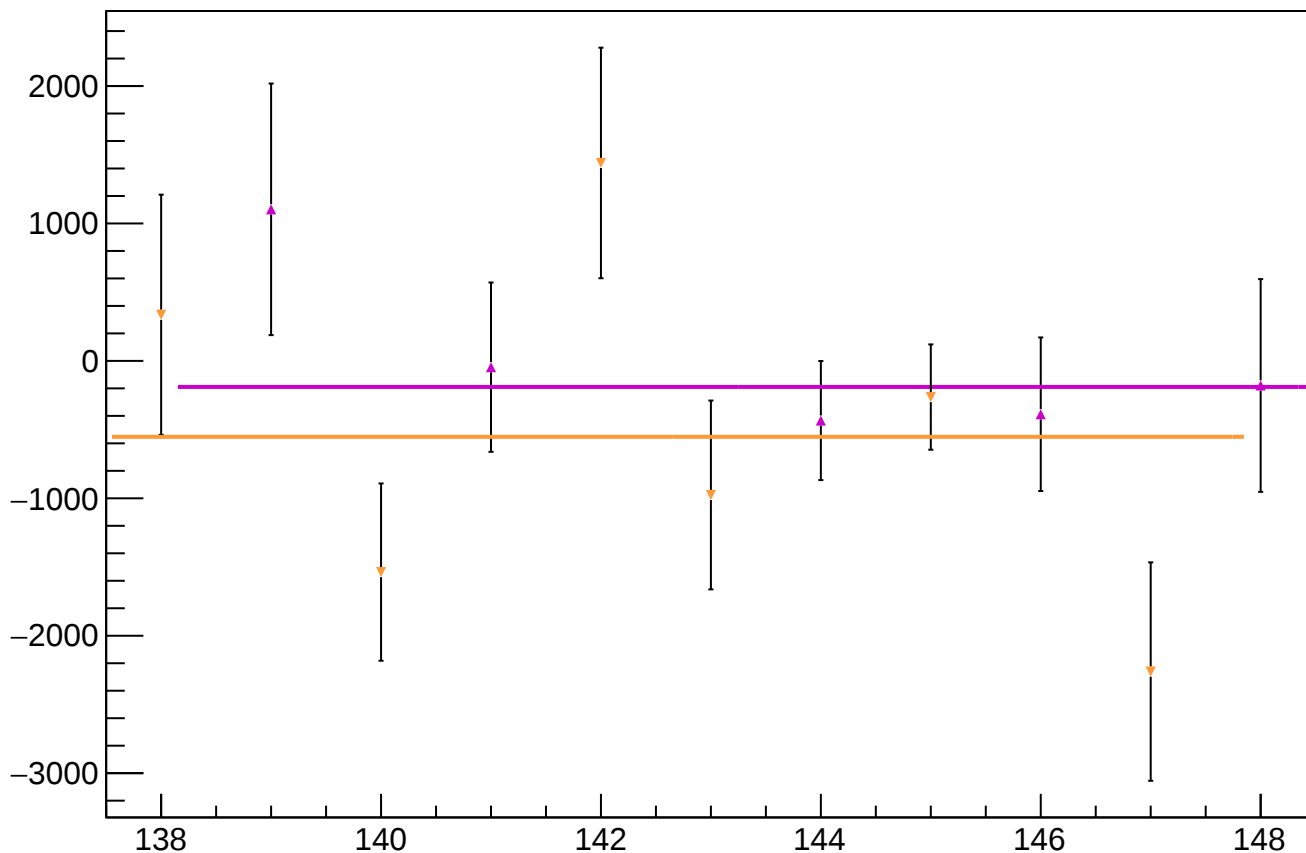
Right: 104.897 $\pm$ 0.021 χ^2/NDF : 1915236.3/35

In: 98.836 $\pm$ 0.022 χ^2/NDF : 976607.8/21

Out: 95.277 $\pm$ 0.021 χ^2/NDF : 1534410.3/24

All: 96.965 $\pm$ 0.015 χ^2/NDF : 2524645.4/46

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -552.571 ± 252.777 $\chi^2/\text{NDF}: 14.6/5$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -189.515 ± 266.994 $\chi^2/\text{NDF}: 2.5/4$

Left: -380.966 ± 183.561 $\chi^2/\text{NDF}: 18.0/10$

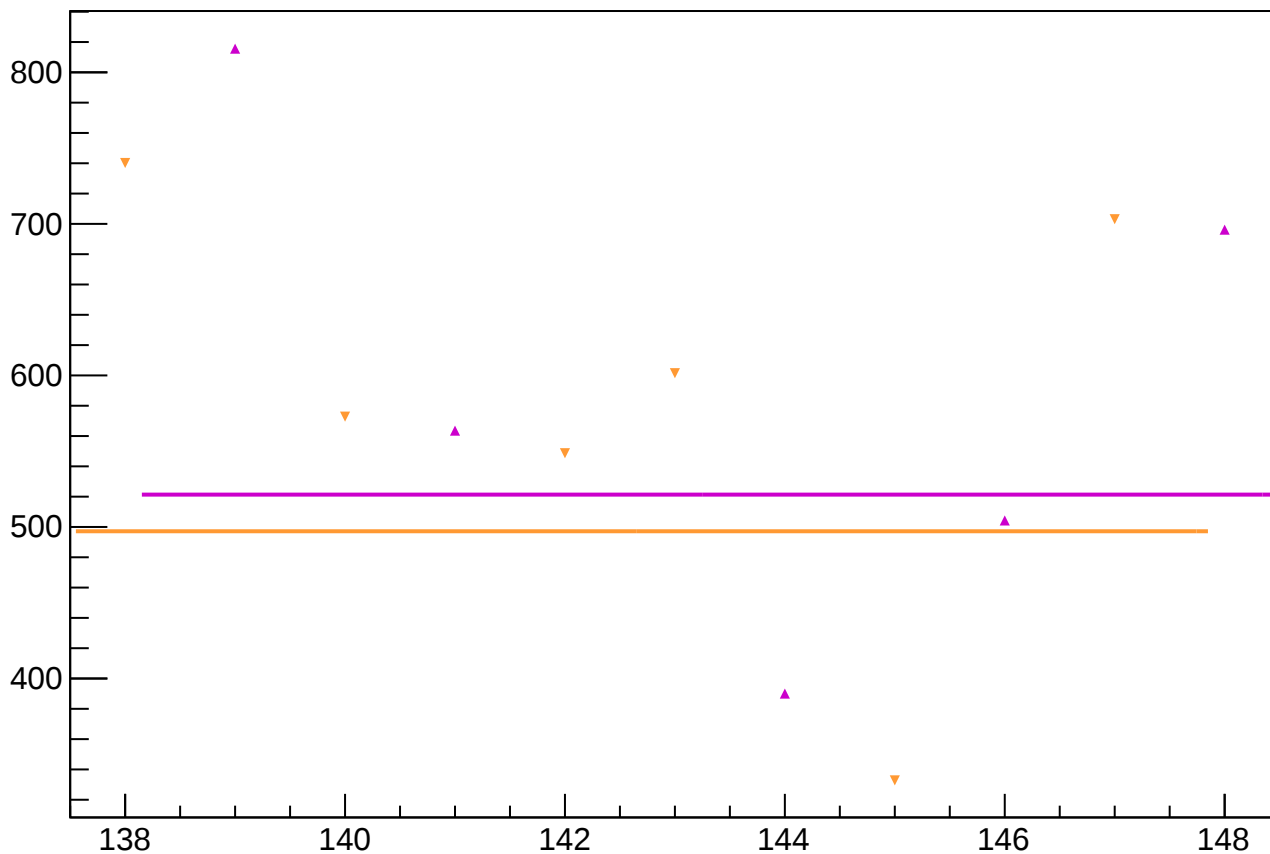
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -189.515 ± 266.994 $\chi^2/\text{NDF}: 2.5/4$

Out: -552.571 ± 252.777 $\chi^2/\text{NDF}: 14.6/5$

All: -380.966 ± 183.561 $\chi^2/\text{NDF}: 18.0/10$

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 497.169+/-0.179 χ^2/NDF : 738304.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 521.347+/-0.189 χ^2/NDF : 503768.1/4

Left: 508.597+/-0.130 χ^2/NDF : 1250722.0/10

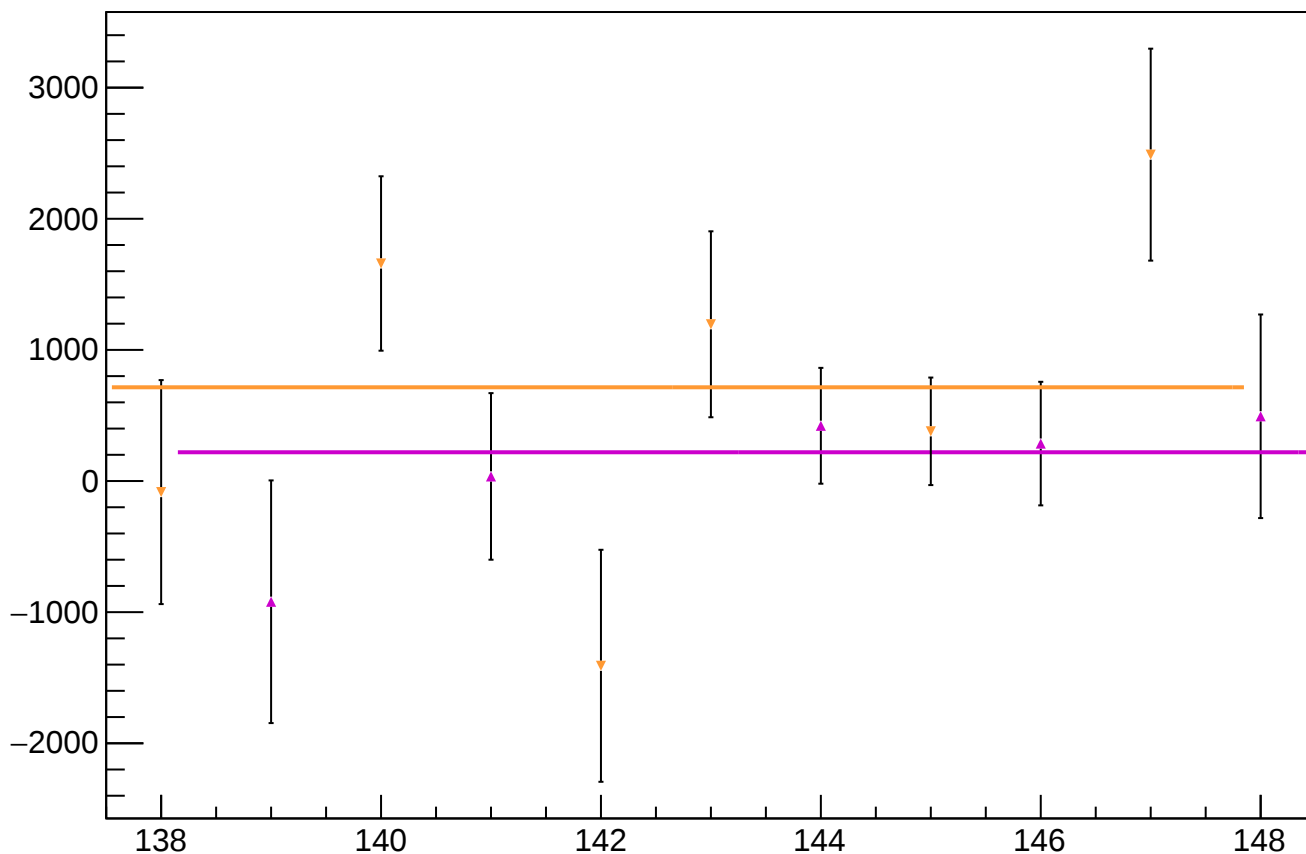
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 521.347+/-0.189 χ^2/NDF : 503768.1/4

Out: 497.169+/-0.179 χ^2/NDF : 738304.9/5

All: 508.597+/-0.130 χ^2/NDF : 1250722.0/10

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 714.835+/-263.727 χ^2/NDF :14.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 219.387+/-258.743 χ^2/NDF :2.0/4

Left: 462.386+/-184.696 χ^2/NDF : 18.4/10

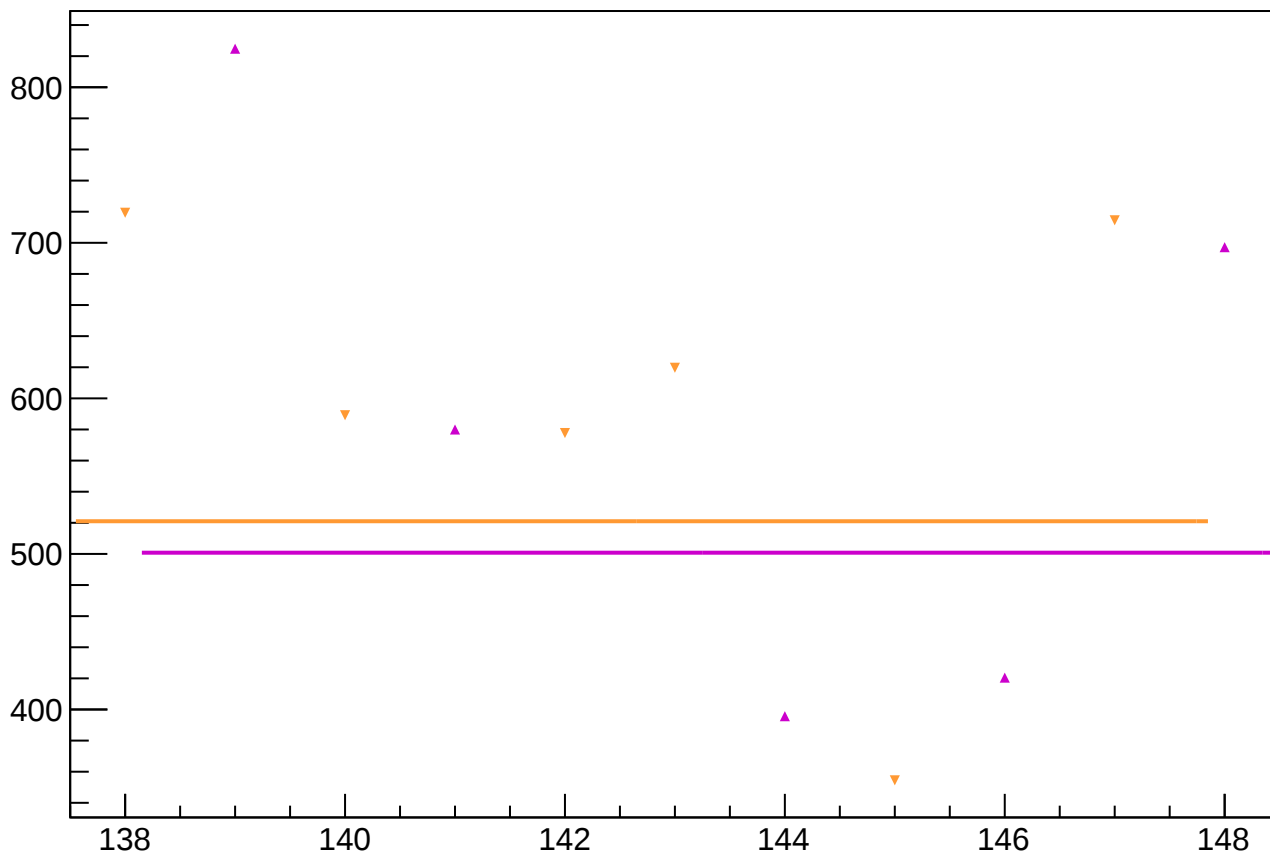
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 219.387+/-258.743 χ^2/NDF :2.0/4

Out: 714.835+/-263.727 χ^2/NDF :14.6/5

All: 462.386+/-184.696 χ^2/NDF : 18.4/10

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 521.013+/-0.186 χ^2/NDF : 620409.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 500.790+/-0.183 χ^2/NDF : 575700.4/4

Left: 510.708+/-0.131 χ^2/NDF : 1202102.2/10

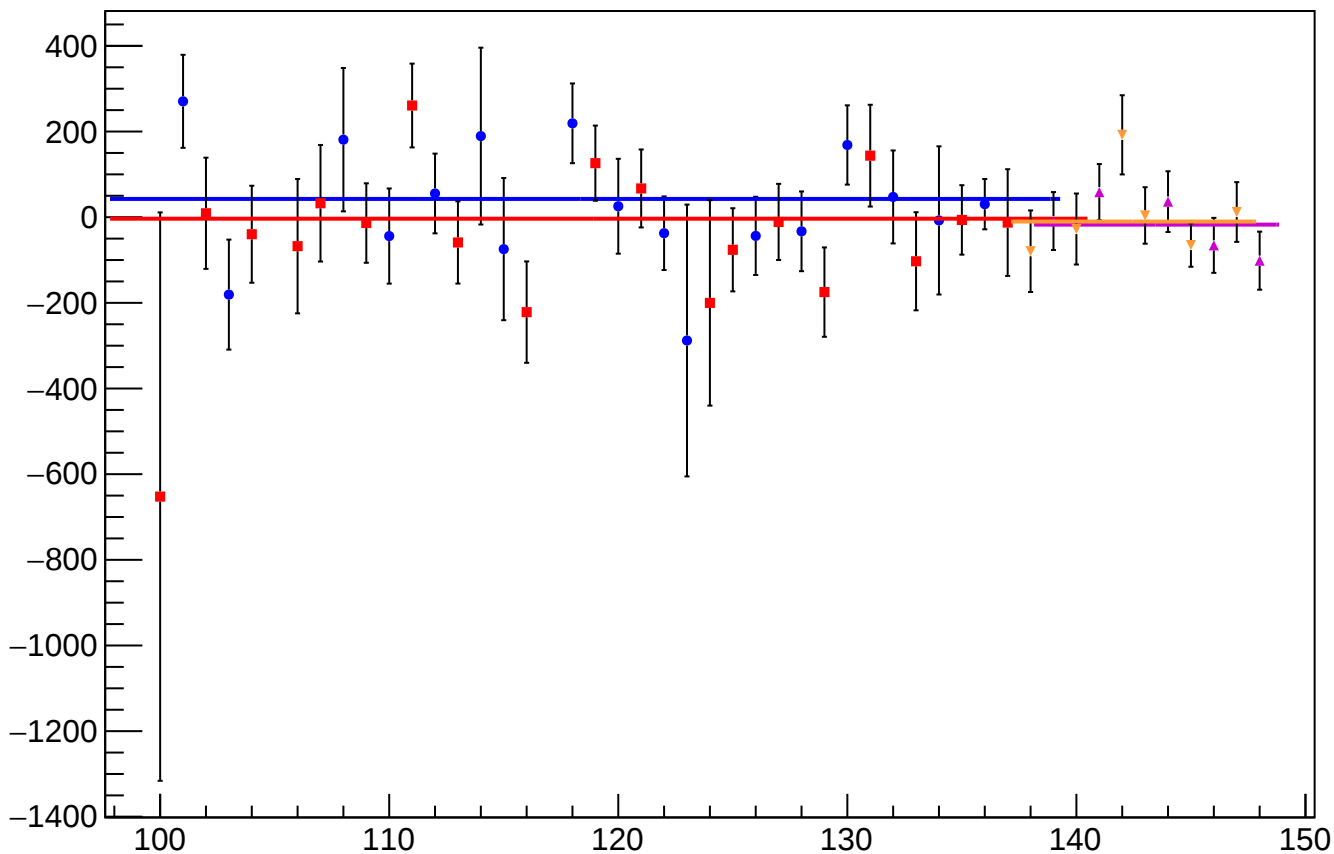
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 500.790+/-0.183 χ^2/NDF : 575700.4/4

Out: 521.013+/-0.186 χ^2/NDF : 620409.6/5

All: 510.708+/-0.131 χ^2/NDF : 1202102.2/10

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: -10.157 $\pm$ 28.896 χ^2 /NDF: 6.7/5

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -17.322 $\pm$ 30.022 χ^2 /NDF: 4.0/4

Left: -13.602 $\pm$ 20.819 χ^2 /NDF: 10.7/10

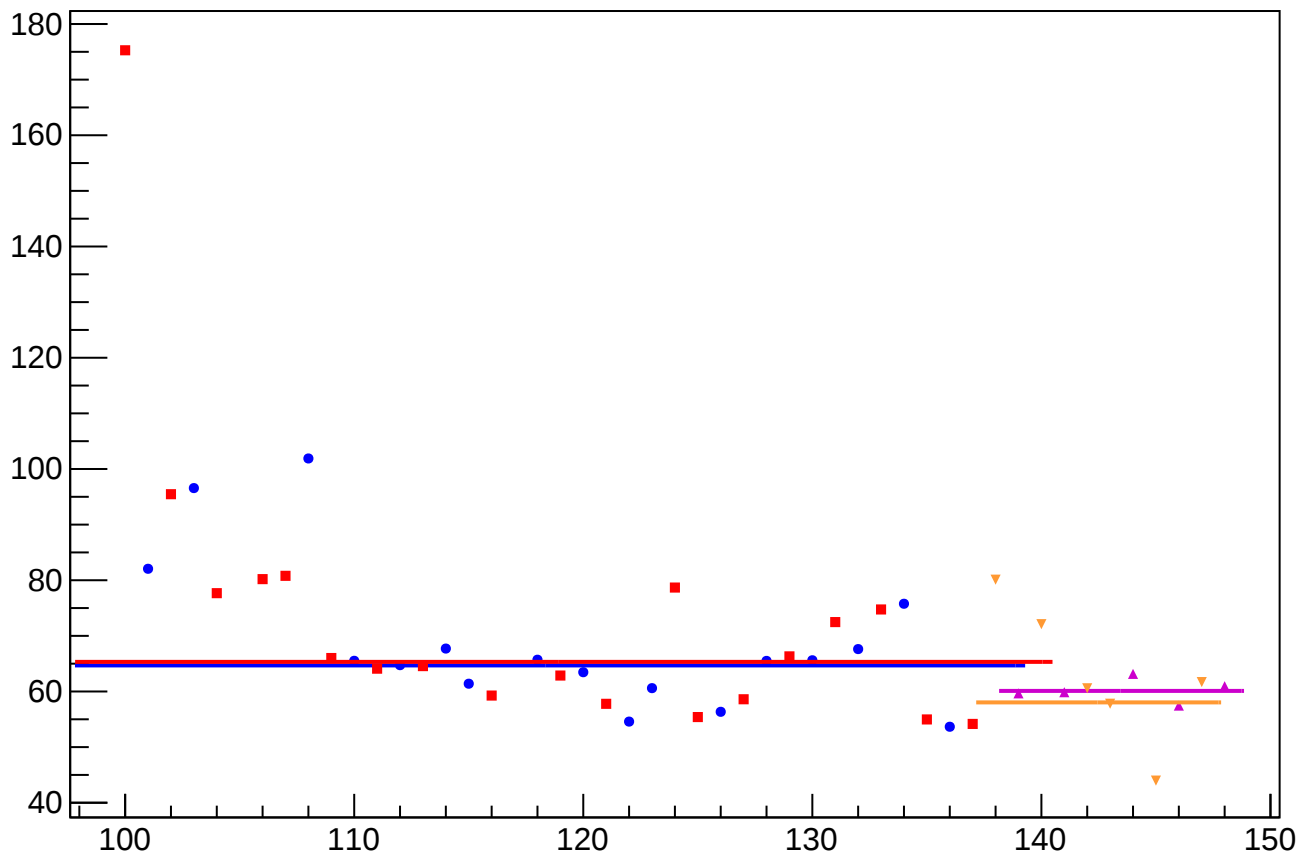
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 17.535 $\pm$ 19.429 χ^2 /NDF: 25.2/21

Out: -6.361 $\pm$ 18.936 χ^2 /NDF: 28.1/24

All: 5.280 $\pm$ 13.561 χ^2 /NDF: 54.1/46

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: 58.038 $\pm$ 0.020 χ^2 /NDF: 325799.1/5

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 60.104 $\pm$ 0.021 χ^2 /NDF: 7535.0/4

Left: 59.032 $\pm$ 0.015 χ^2 /NDF: 338253.2/10

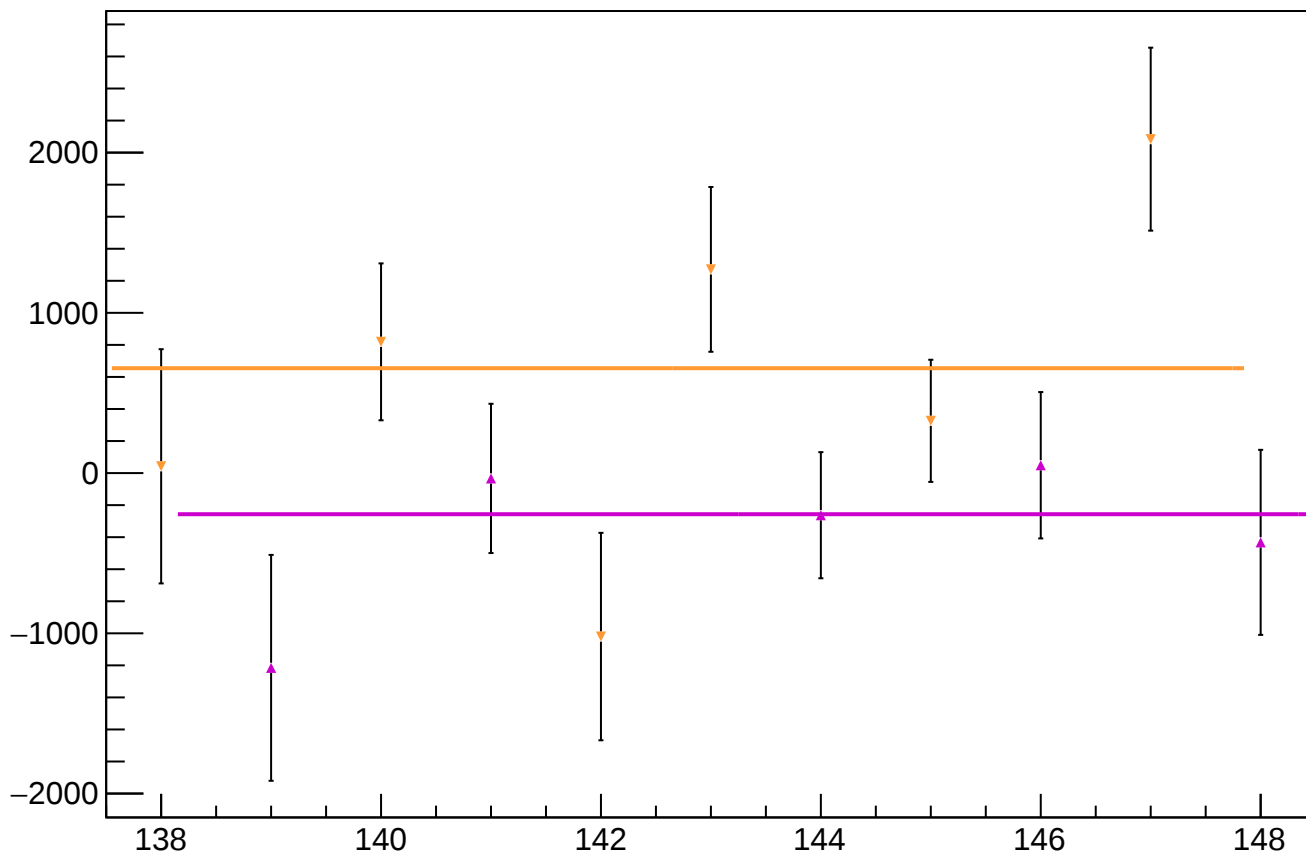
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 62.767 $\pm$ 0.014 χ^2 /NDF: 434786.2/21

Out: 62.195 $\pm$ 0.013 χ^2 /NDF: 757928.5/24

All: 62.474 $\pm$ 0.010 χ^2 /NDF: 1193602.8/46

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: 654.470+/-212.404 χ^2/NDF :16.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -256.744+/-218.874 χ^2/NDF :2.6/4

Left: 212.530+/-152.428 χ^2/NDF : 27.5/10

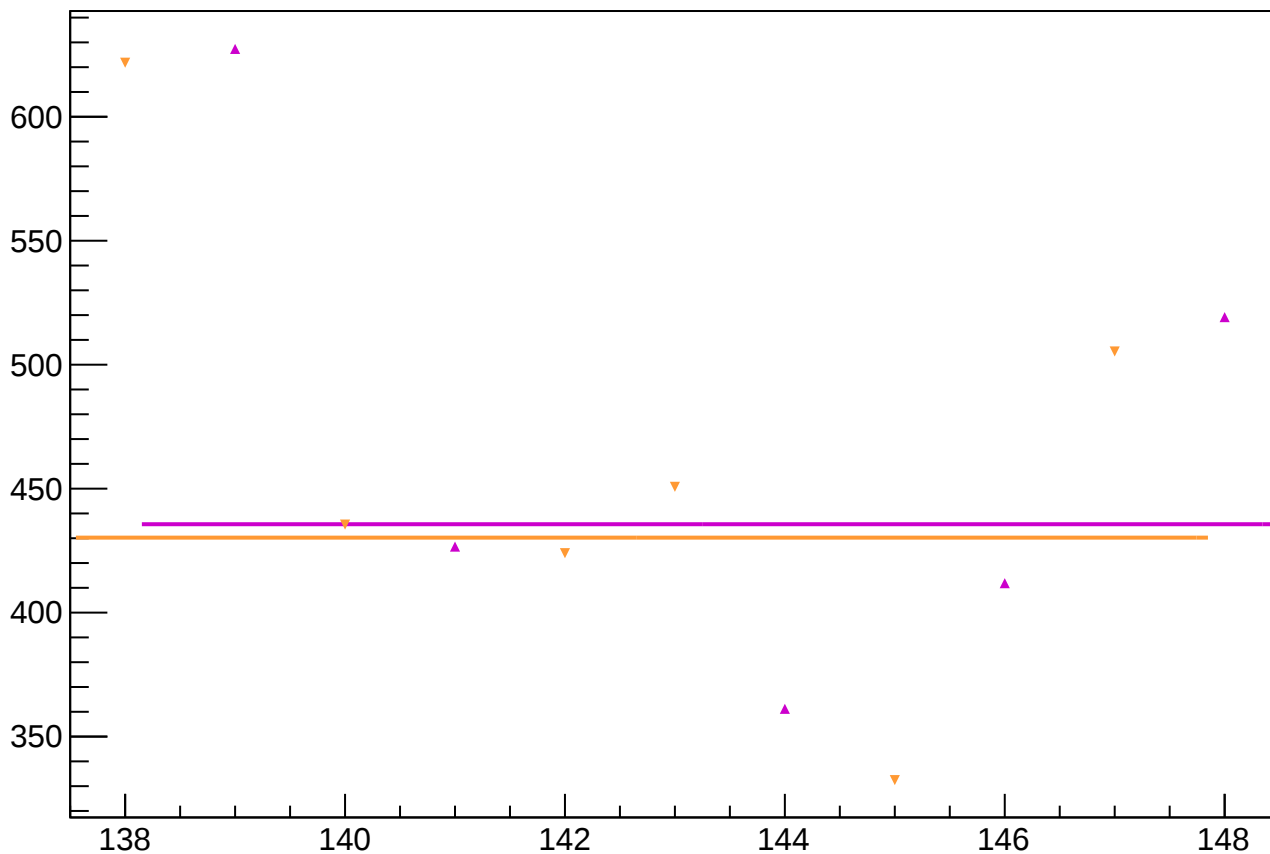
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -256.744+/-218.874 χ^2/NDF :2.6/4

Out: 654.470+/-212.404 χ^2/NDF :16.0/5

All: 212.530+/-152.428 χ^2/NDF : 27.5/10

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: 430.245+/-0.150 χ^2/NDF : 307293.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 435.655+/-0.155 χ^2/NDF : 267560.3/4

Left: 432.869+/-0.108 χ^2/NDF : 575483.2/10

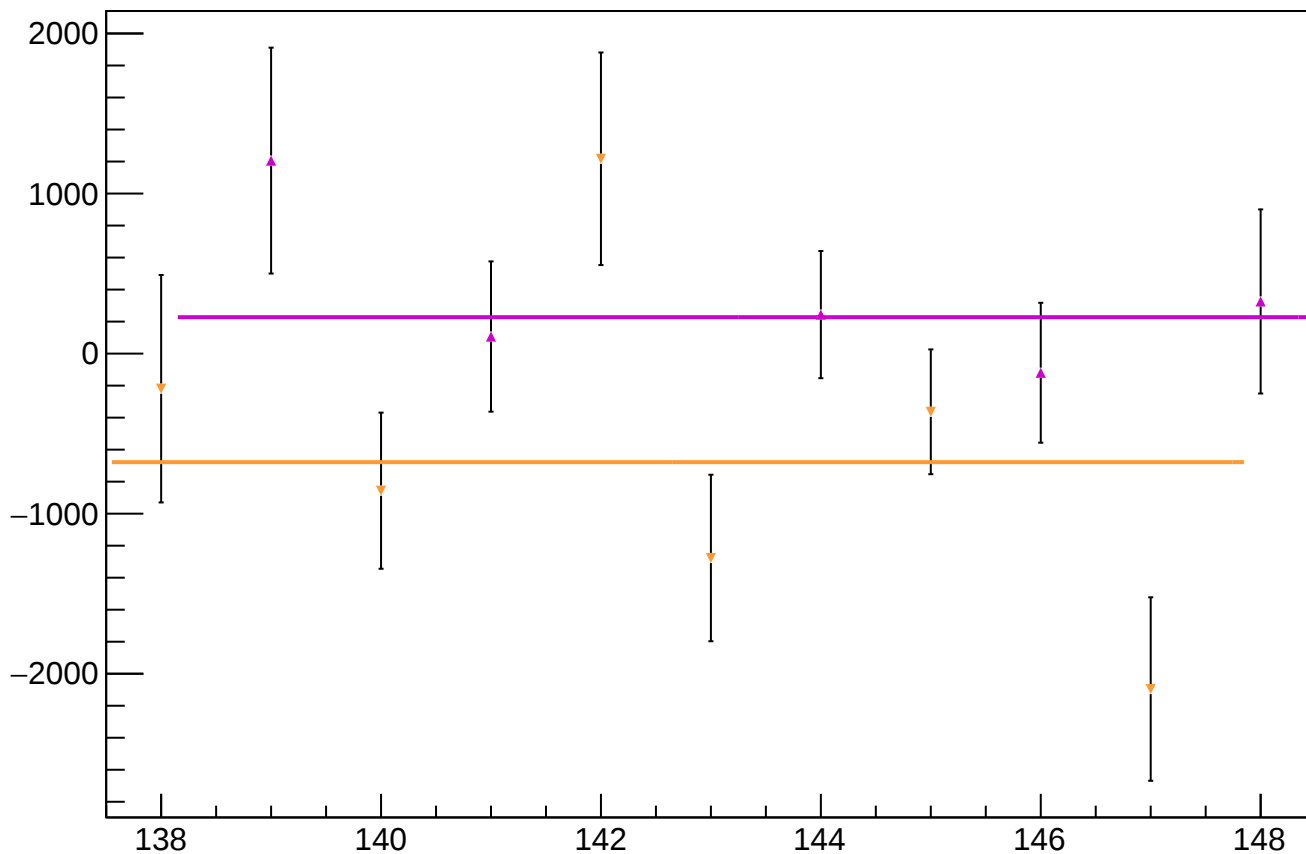
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 435.655+/-0.155 χ^2/NDF : 267560.3/4

Out: 430.245+/-0.150 χ^2/NDF : 307293.8/5

All: 432.869+/-0.108 χ^2/NDF : 575483.2/10

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -678.122+/-214.340 χ^2/NDF :16.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 227.504+/-217.514 χ^2/NDF :2.6/4

Left: -231.963+/-152.671 χ^2/NDF : 28.2/10

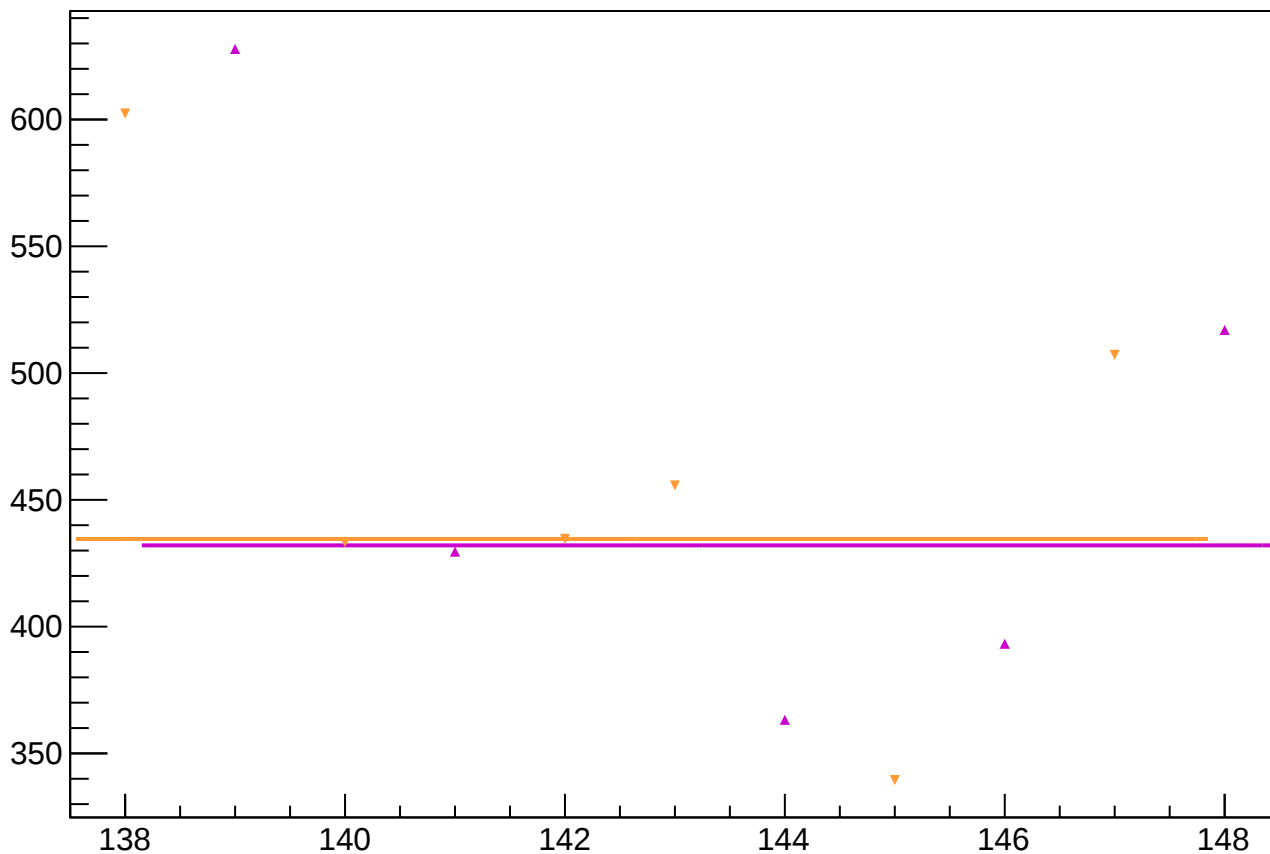
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 227.504+/-217.514 χ^2/NDF :2.6/4

Out: -678.122+/-214.340 χ^2/NDF :16.8/5

All: -231.963+/-152.671 χ^2/NDF : 28.2/10

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 434.582+/-0.152 χ^2/NDF : 265872.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 432.052+/-0.154 χ^2/NDF : 273376.2/4

Left: 433.336+/-0.108 χ^2/NDF : 539386.1/10

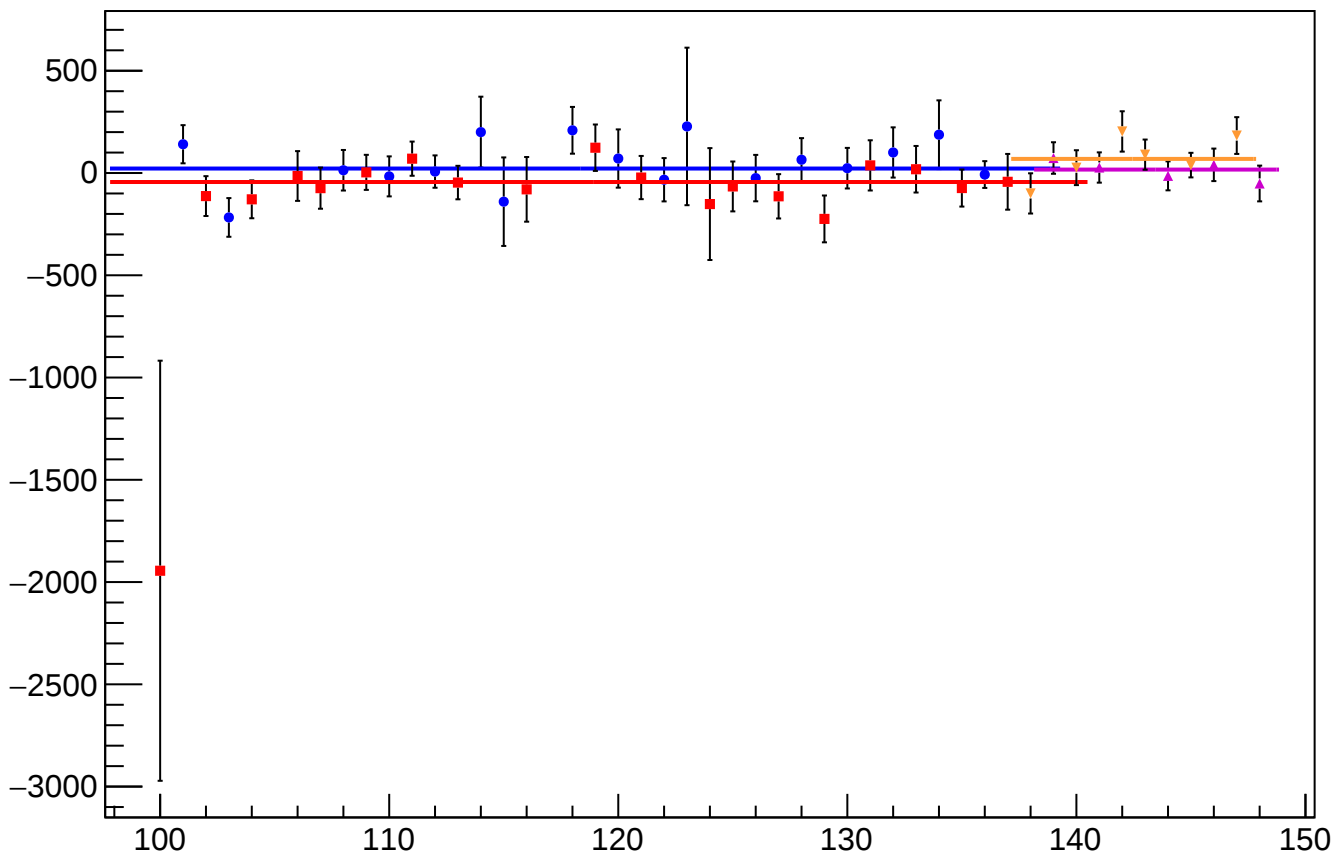
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 432.052+/-0.154 χ^2/NDF : 273376.2/4

Out: 434.582+/-0.152 χ^2/NDF : 265872.5/5

All: 433.336+/-0.108 χ^2/NDF : 539386.1/10

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: 69.026 $\pm$ 32.821 χ^2 /NDF:7.0/5

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 16.829 $\pm$ 34.520 χ^2 /NDF:1.4/4

Left: 44.243 $\pm$ 23.786 χ^2 /NDF: 9.6/10

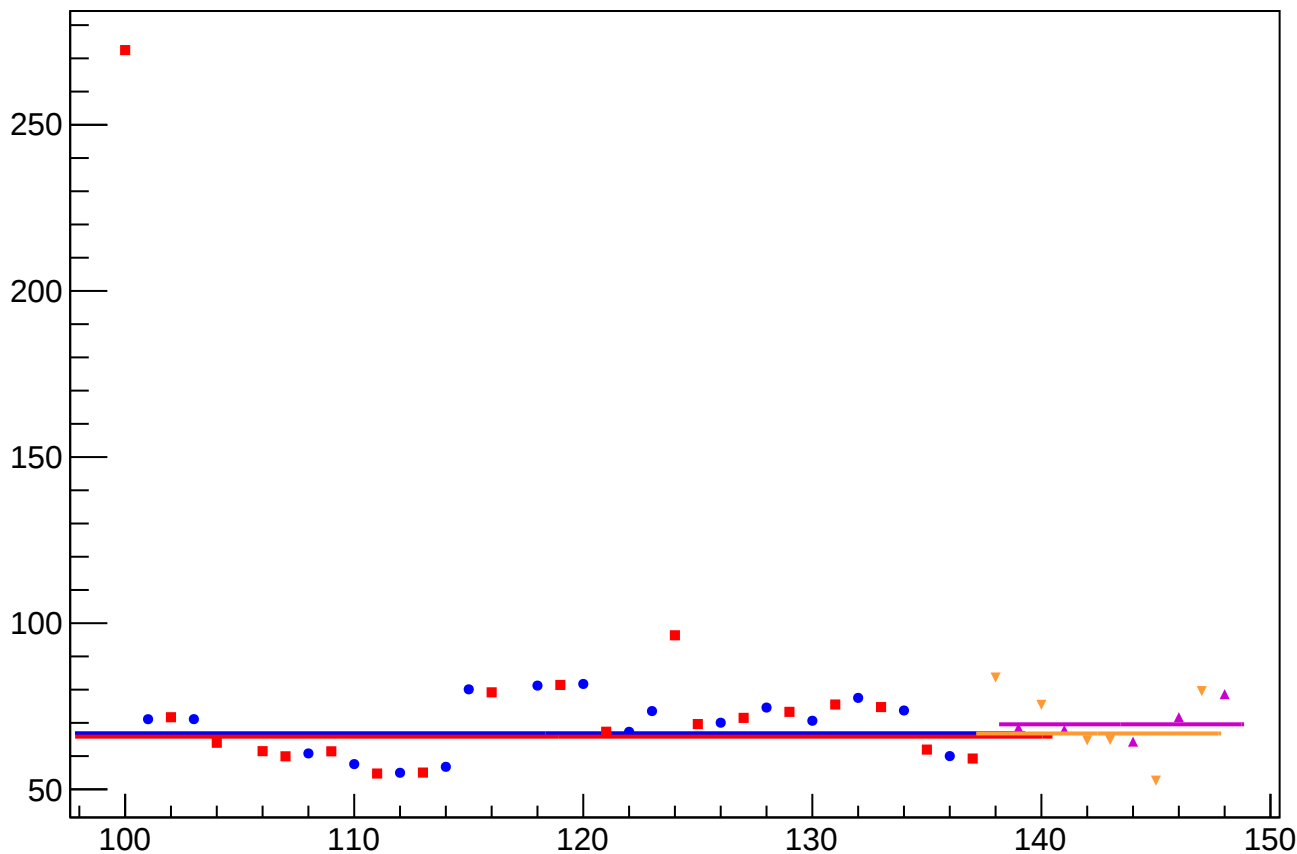
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 20.064 $\pm$ 20.796 χ^2 /NDF:16.5/21

Out: -2.244 $\pm$ 19.942 χ^2 /NDF:27.8/24

All: 8.443 $\pm$ 14.394 χ^2 /NDF: 44.9/46

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: 66.808 $\pm$ 0.023 χ^2 /NDF:233239.0/5

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 69.568 $\pm$ 0.024 χ^2 /NDF:35233.4/4

Left: 68.118 $\pm$ 0.017 χ^2 /NDF: 275186.2/10

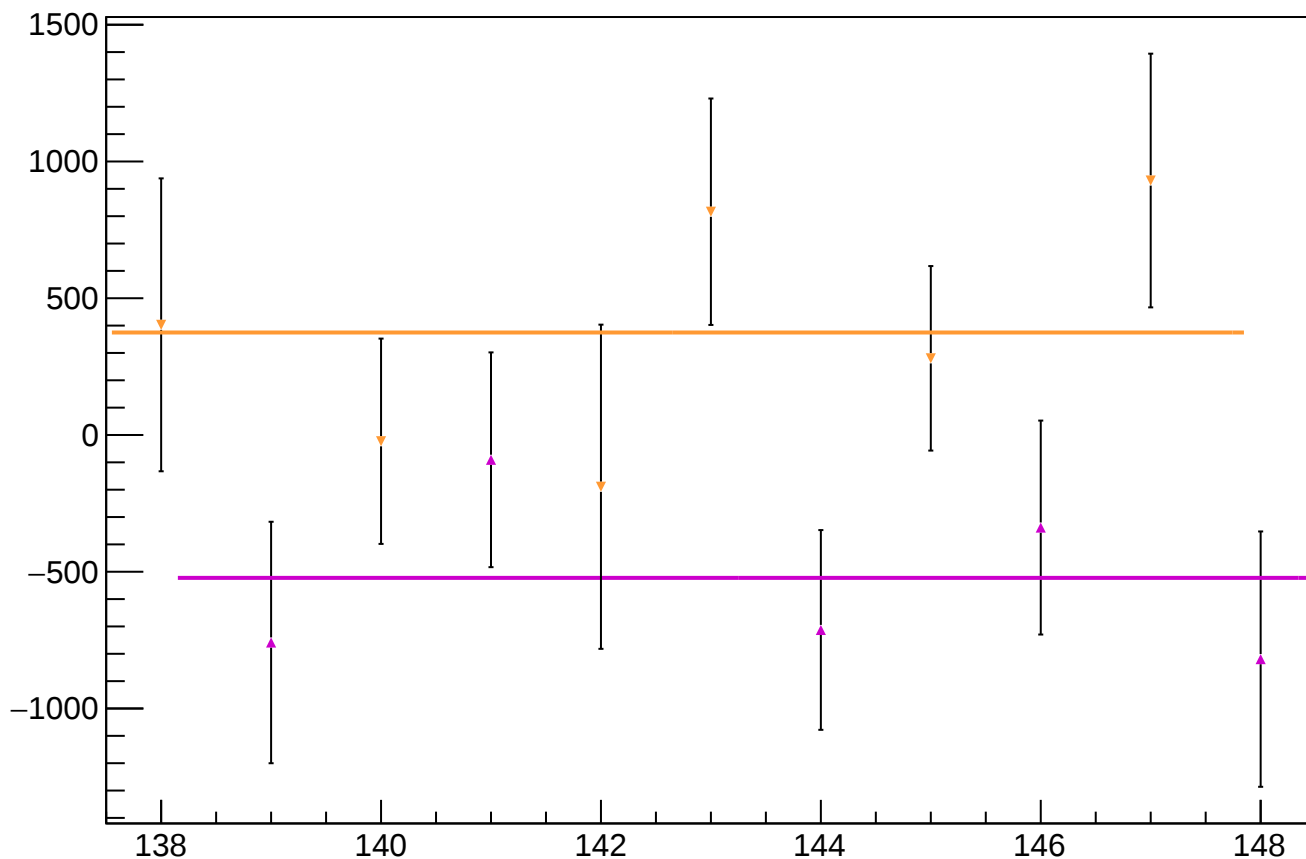
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 67.850 $\pm$ 0.015 χ^2 /NDF:245520.0/21

Out: 66.206 $\pm$ 0.014 χ^2 /NDF:534178.8/24

All: 66.994 $\pm$ 0.010 χ^2 /NDF: 786211.2/46

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: 374.732+/-174.854 χ^2/NDF : 4.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -522.412+/-181.834 χ^2/NDF : 2.4/4

Left: -56.290+/-126.036 χ^2/NDF : 19.7/10

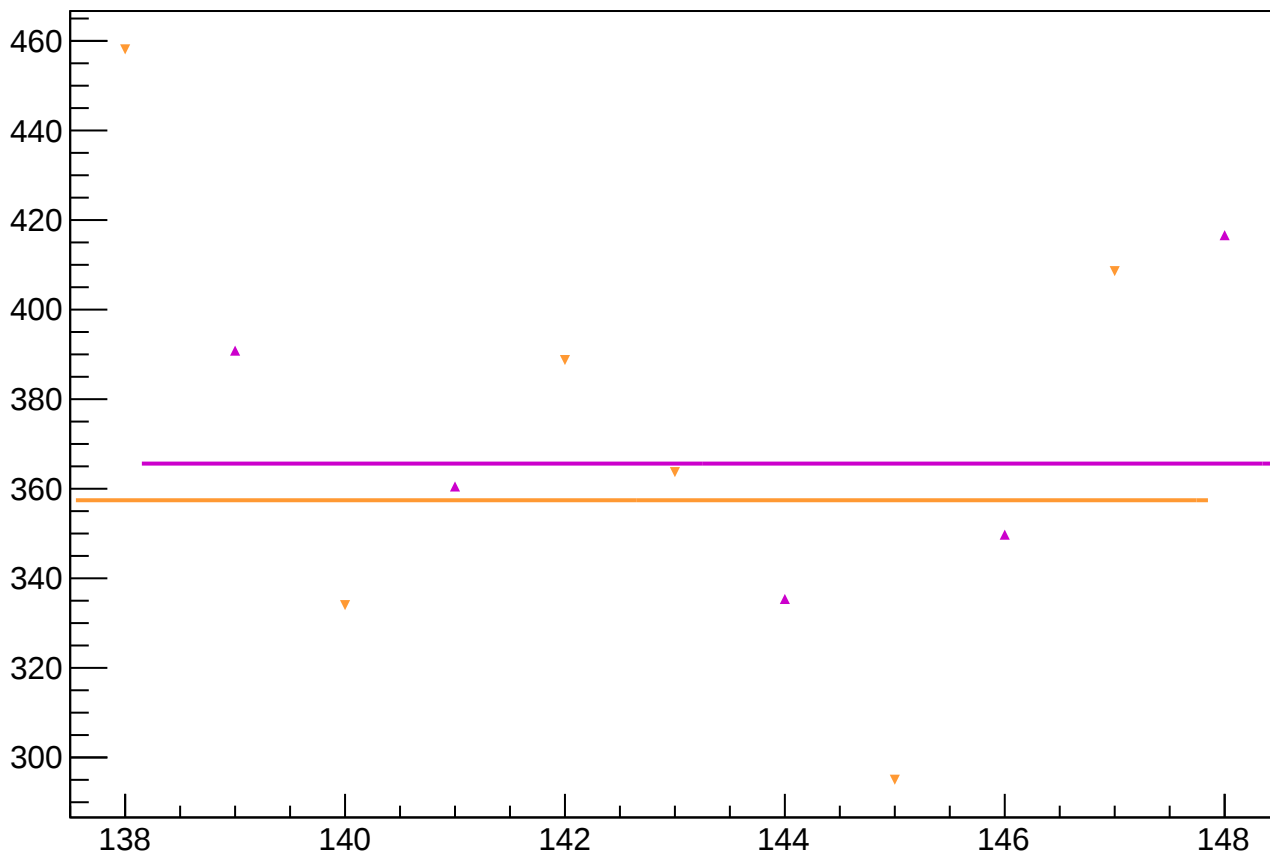
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -522.412+/-181.834 χ^2/NDF : 2.4/4

Out: 374.732+/-174.854 χ^2/NDF : 4.7/5

All: -56.290+/-126.036 χ^2/NDF : 19.7/10

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: 357.432+/-0.124 χ^2/NDF :177321.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 365.617+/-0.129 χ^2/NDF :47739.3/4

Left: 361.364+/-0.089 χ^2/NDF : 227166.6/10

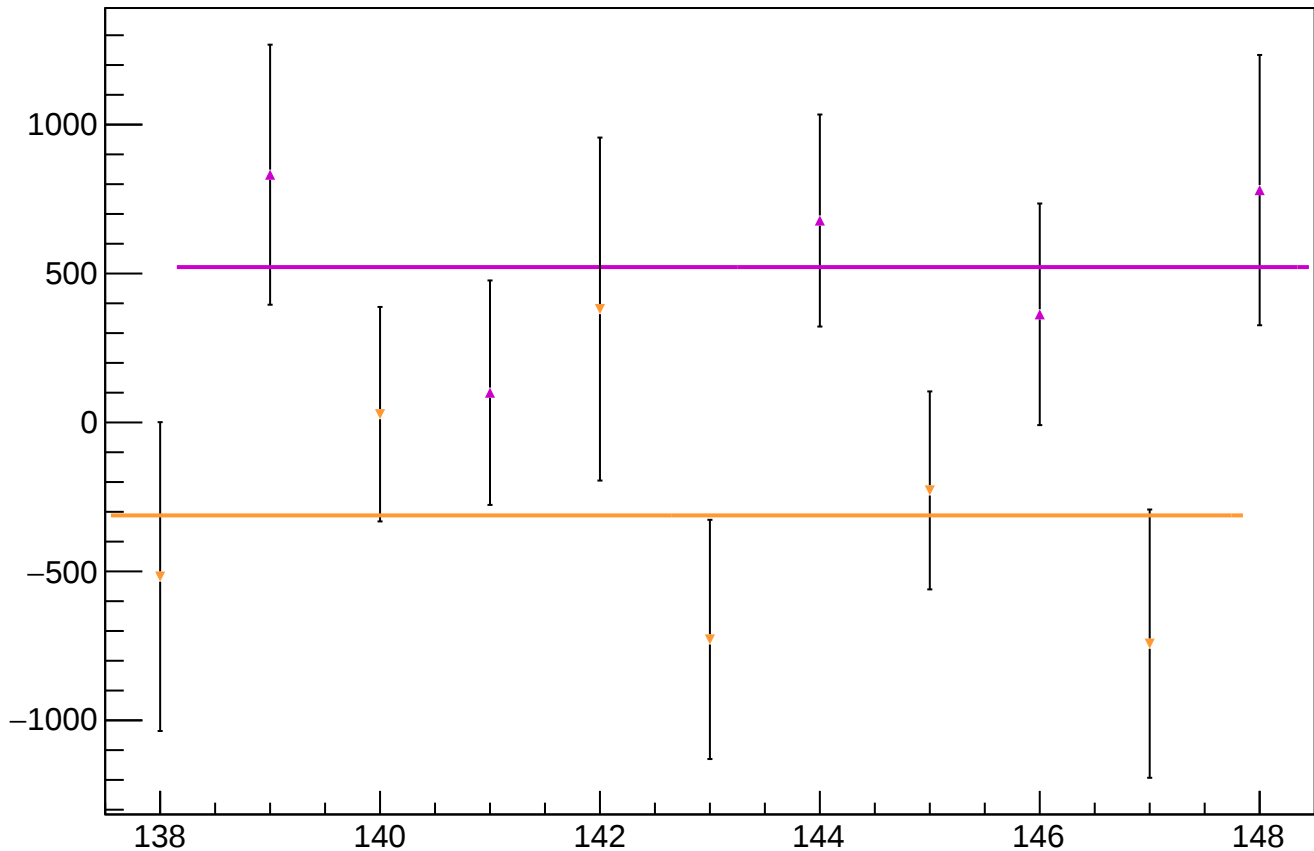
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 365.617+/-0.129 χ^2/NDF :47739.3/4

Out: 357.432+/-0.124 χ^2/NDF :177321.9/5

All: 361.364+/-0.089 χ^2/NDF : 227166.6/10

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -311.967+/-169.911 χ^2/NDF : 4.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 521.649+/-176.033 χ^2/NDF : 2.5/4

Left: 90.094+/-122.252 χ^2/NDF : 18.6/10

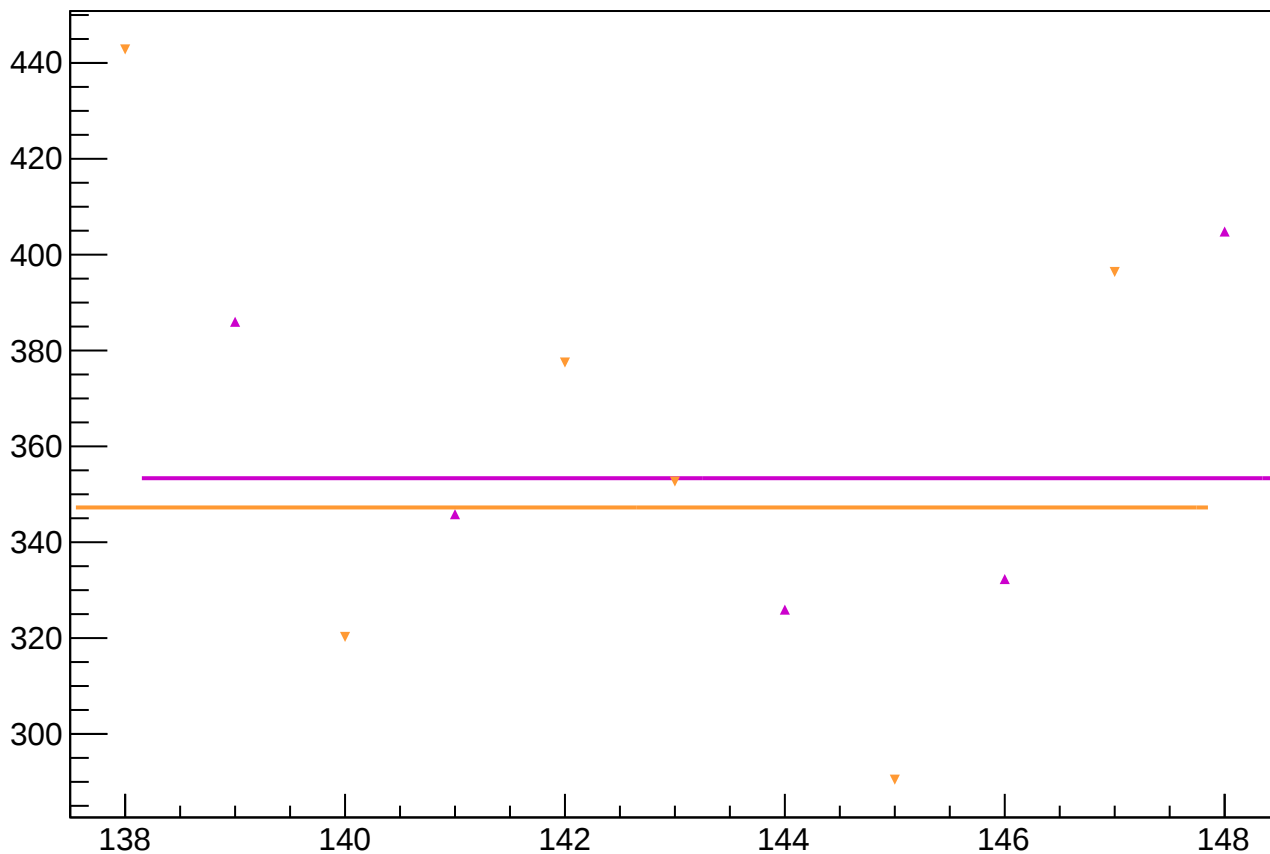
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 521.649+/-176.033 χ^2/NDF : 2.5/4

Out: -311.967+/-169.911 χ^2/NDF : 4.5/5

All: 90.094+/-122.252 χ^2/NDF : 18.6/10

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 347.255+/-0.120 χ^2/NDF :167322.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 353.356+/-0.124 χ^2/NDF :55980.5/4

Left: 350.197+/-0.086 χ^2/NDF : 224547.2/10

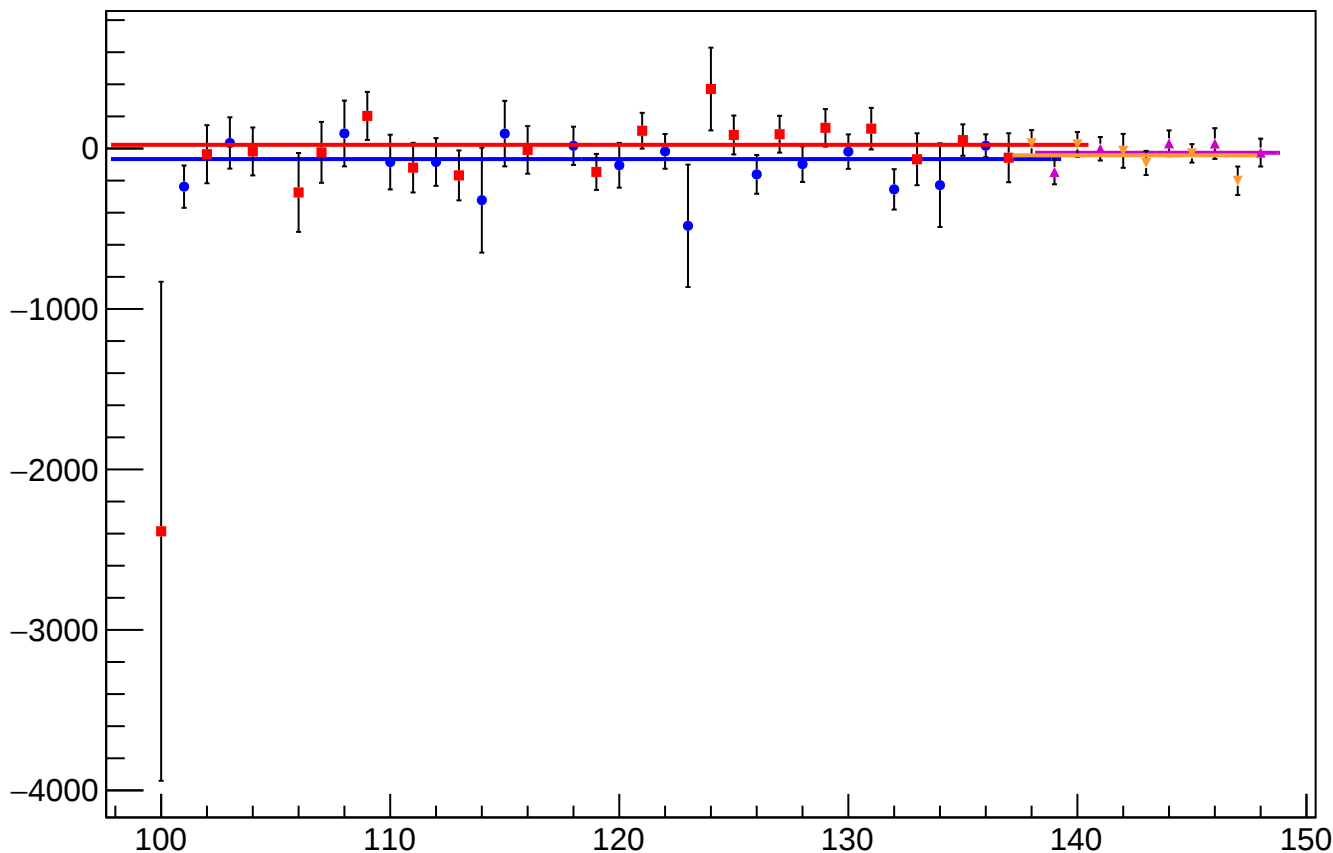
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.356+/-0.124 χ^2/NDF :55980.5/4

Out: 347.255+/-0.120 χ^2/NDF :167322.9/5

All: 350.197+/-0.086 χ^2/NDF : 224547.2/10

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: -42.294 ± 31.418 χ^2/NDF : 5.3/5

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -26.552 ± 36.494 χ^2/NDF : 3.4/4

Left: -35.593 ± 23.810 χ^2/NDF : 8.8/10

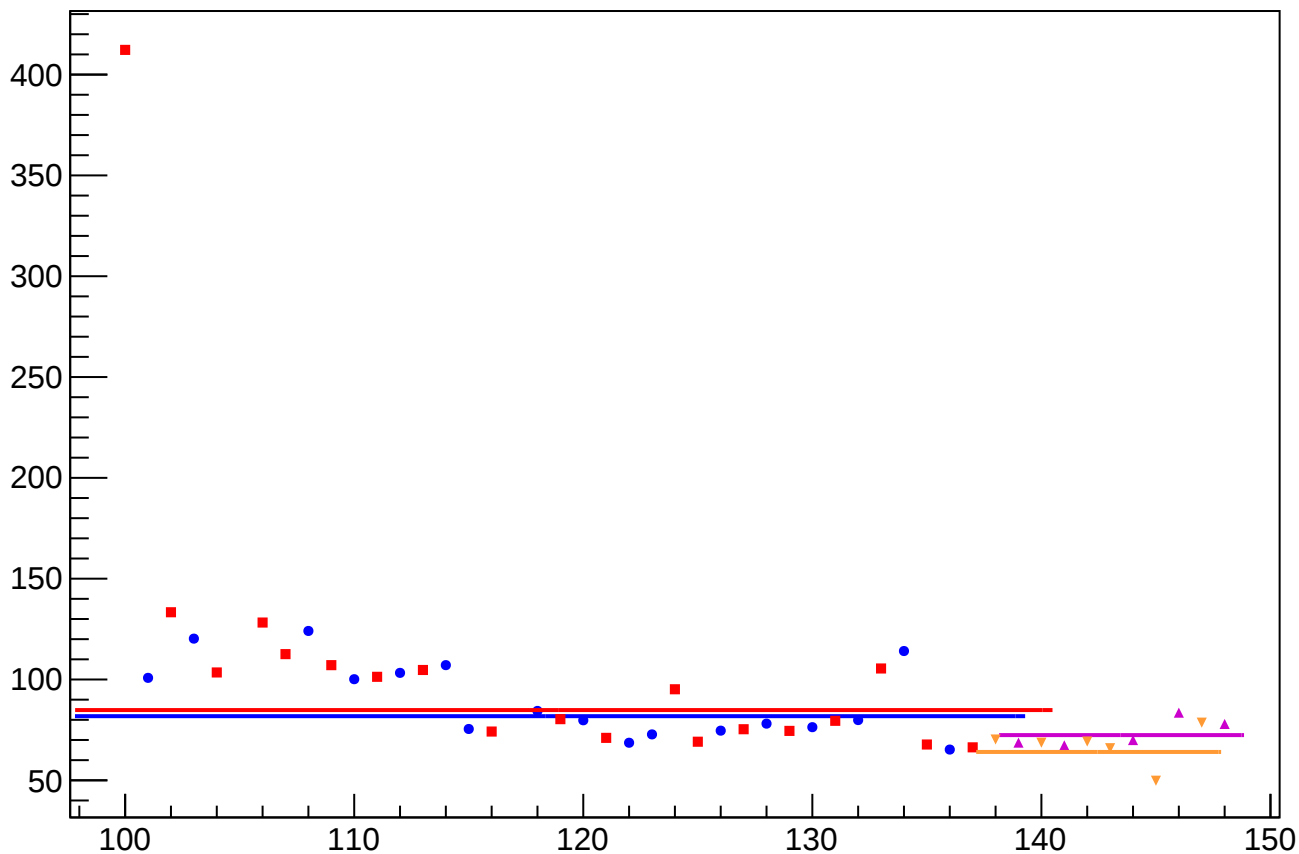
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -48.665 ± 24.183 χ^2/NDF : 14.8/21

Out: -11.078 ± 22.683 χ^2/NDF : 22.7/24

All: -28.670 ± 16.544 χ^2/NDF : 38.9/46

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 ± 0.023 $\chi^2/\text{NDF}: 507195.8/16$

Left Out: 64.068 ± 0.022 $\chi^2/\text{NDF}: 201202.2/5$

Right Out: 84.836 ± 0.023 $\chi^2/\text{NDF}: 704648.9/18$

Left In: 72.423 ± 0.026 $\chi^2/\text{NDF}: 51270.6/4$

Left: 67.624 ± 0.017 $\chi^2/\text{NDF}: 312688.7/10$

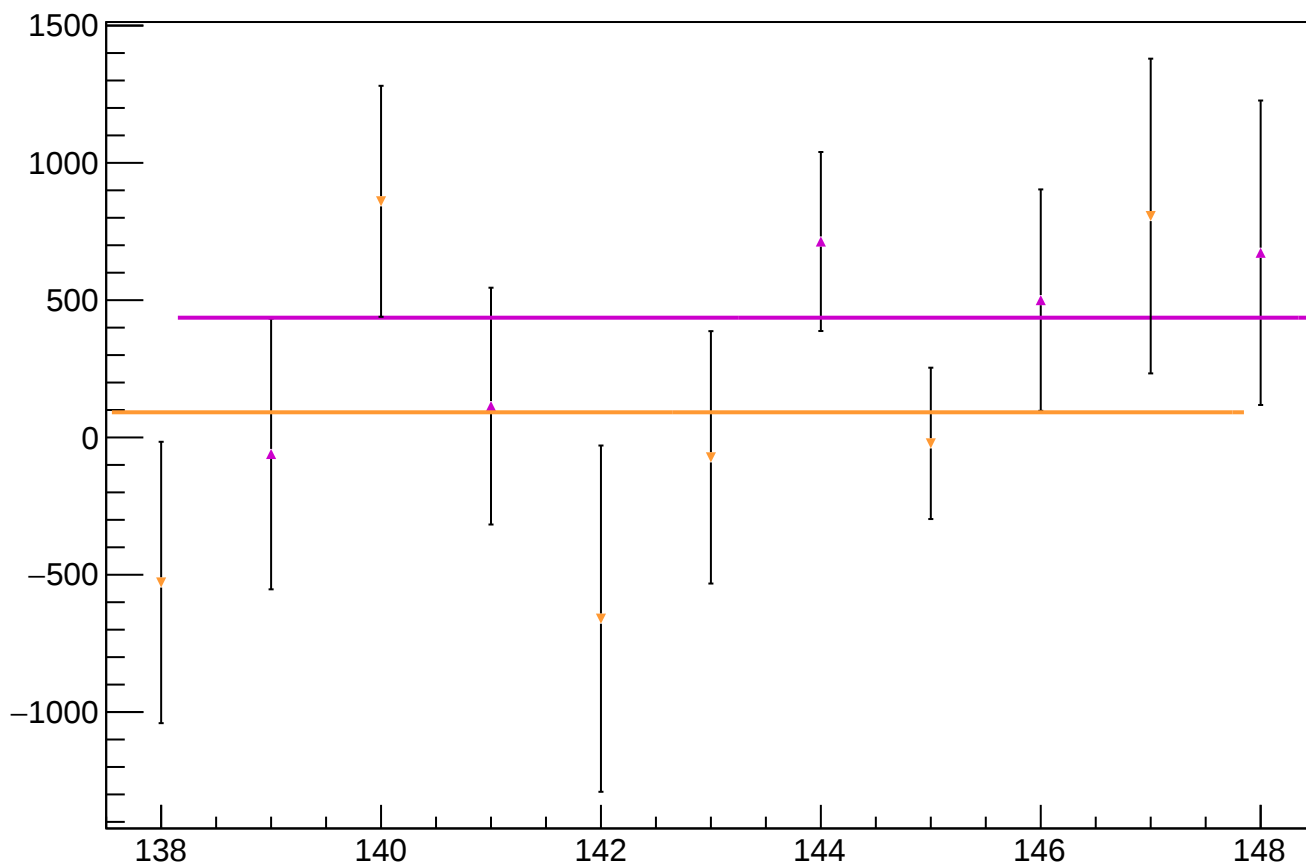
Right: 83.300 ± 0.016 $\chi^2/\text{NDF}: 1220504.3/35$

In: 77.688 ± 0.017 $\chi^2/\text{NDF}: 632658.9/21$

Out: 74.011 ± 0.016 $\chi^2/\text{NDF}: 1324269.0/24$

All: 75.732 ± 0.012 $\chi^2/\text{NDF}: 1981525.1/46$

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 91.661+/-174.283 χ^2/NDF : 8.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 436.152+/-187.947 χ^2/NDF : 2.5/4

Left: 250.930+/-127.795 χ^2/NDF : 12.4/10

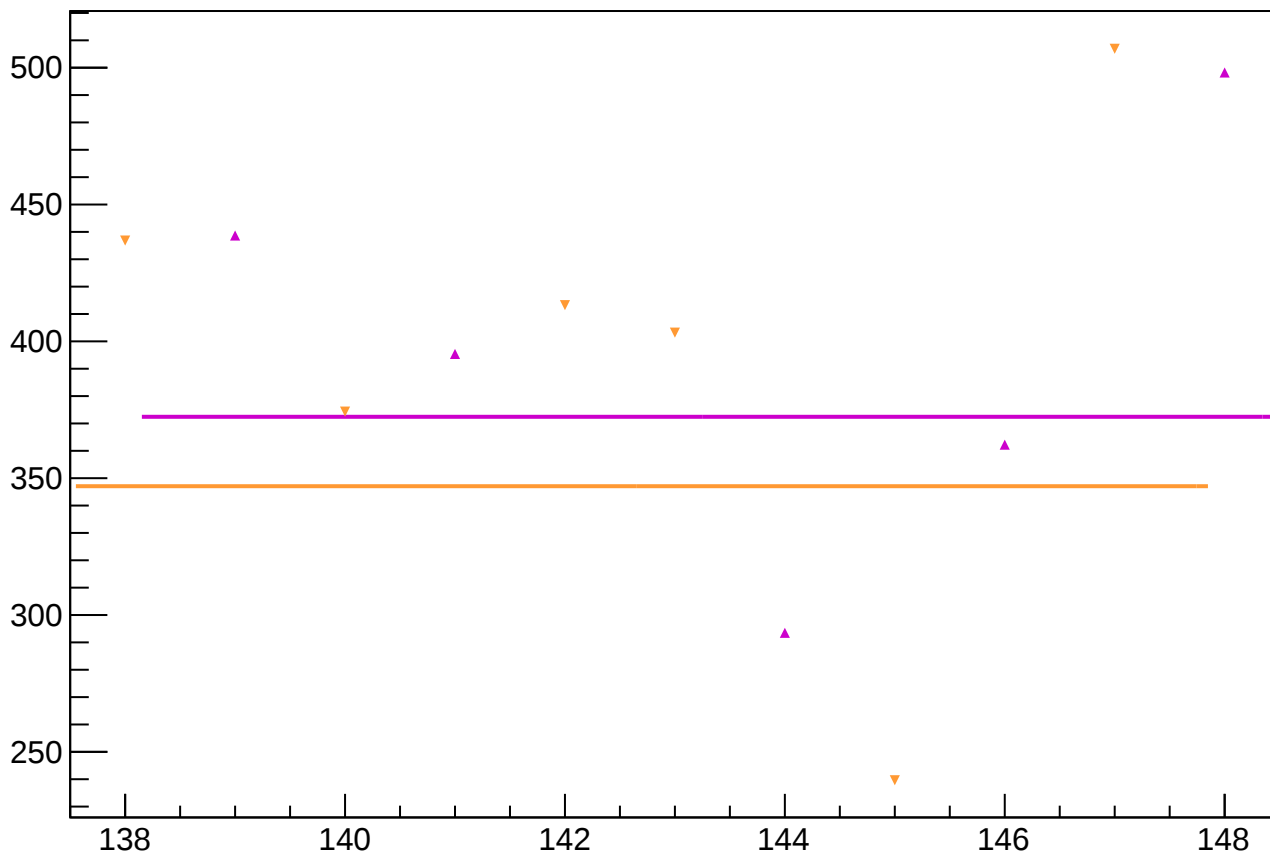
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 436.152+/-187.947 χ^2/NDF : 2.5/4

Out: 91.661+/-174.283 χ^2/NDF : 8.1/5

All: 250.930+/-127.795 χ^2/NDF : 12.4/10

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: 347.069+/-0.123 χ^2/NDF :581251.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.436+/-0.133 χ^2/NDF :263345.5/4

Left: 358.797+/-0.090 χ^2/NDF : 864186.2/10

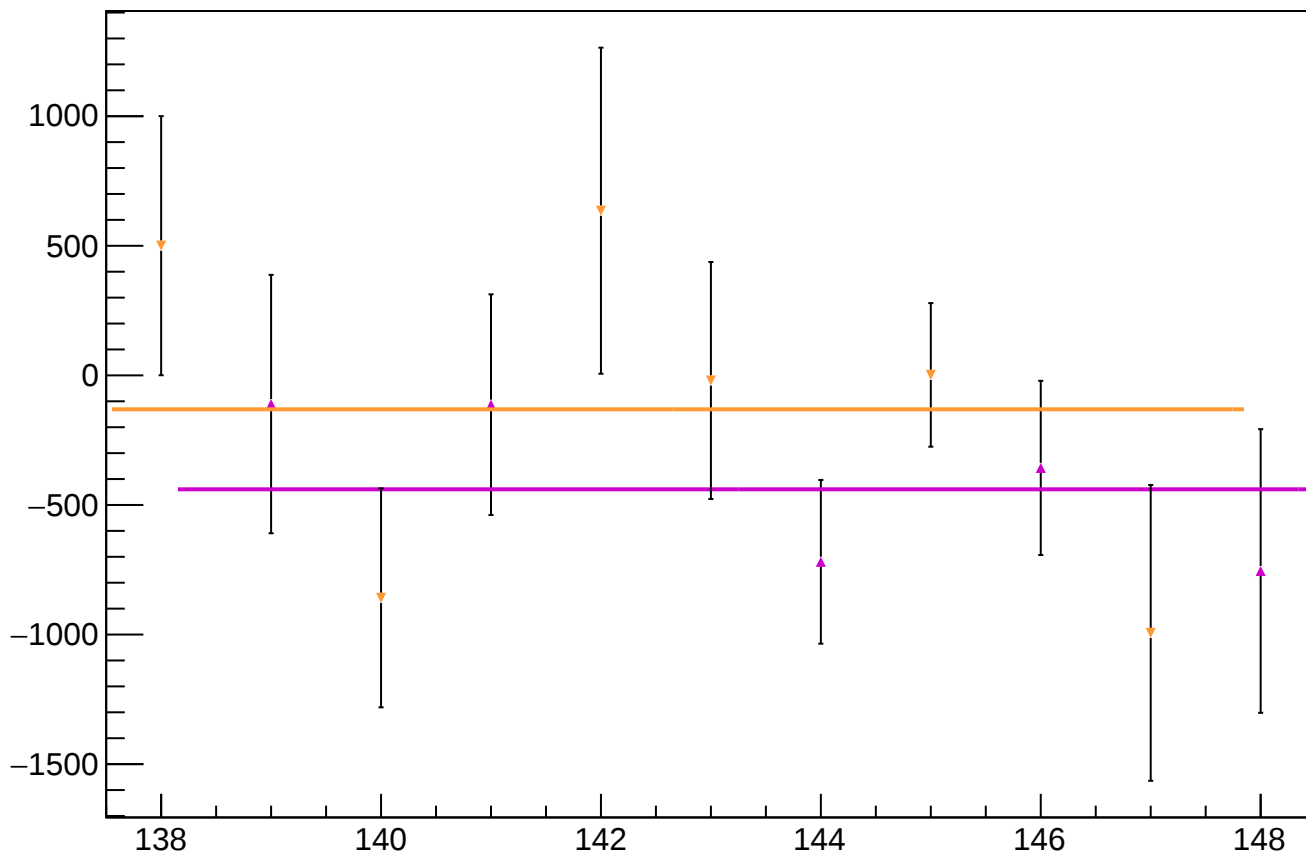
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.436+/-0.133 χ^2/NDF :263345.5/4

Out: 347.069+/-0.123 χ^2/NDF :581251.7/5

All: 358.797+/-0.090 χ^2/NDF : 864186.2/10

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -130.929+/-174.064 χ^2/NDF :8.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -439.598+/-177.449 χ^2/NDF :2.2/4

Left: -282.291+/-124.261 χ^2/NDF : 12.4/10

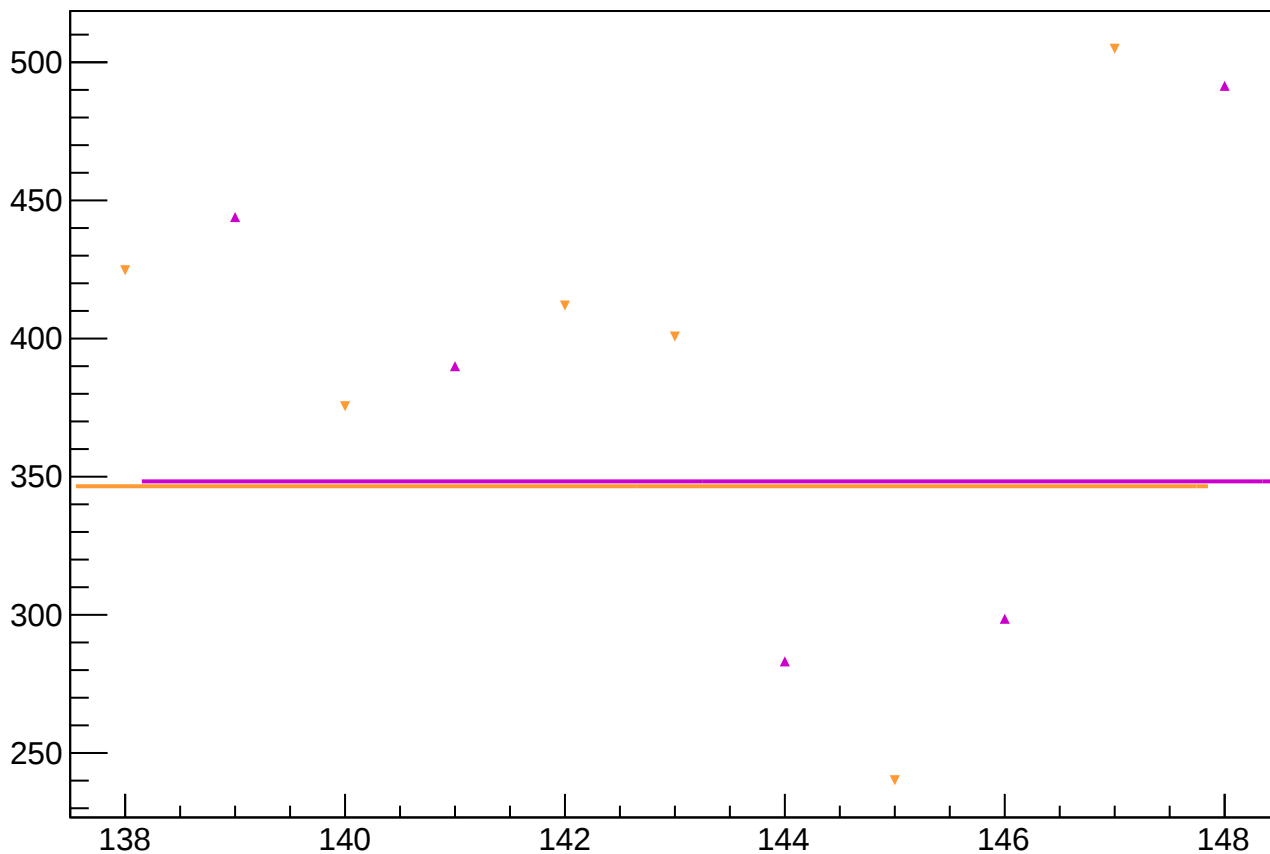
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -439.598+/-177.449 χ^2/NDF :2.2/4

Out: -130.929+/-174.064 χ^2/NDF :8.6/5

All: -282.291+/-124.261 χ^2/NDF : 12.4/10

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 346.538+/-0.123 χ^2/NDF :556835.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 348.305+/-0.125 χ^2/NDF :358599.7/4

Left: 347.404+/-0.088 χ^2/NDF : 915536.1/10

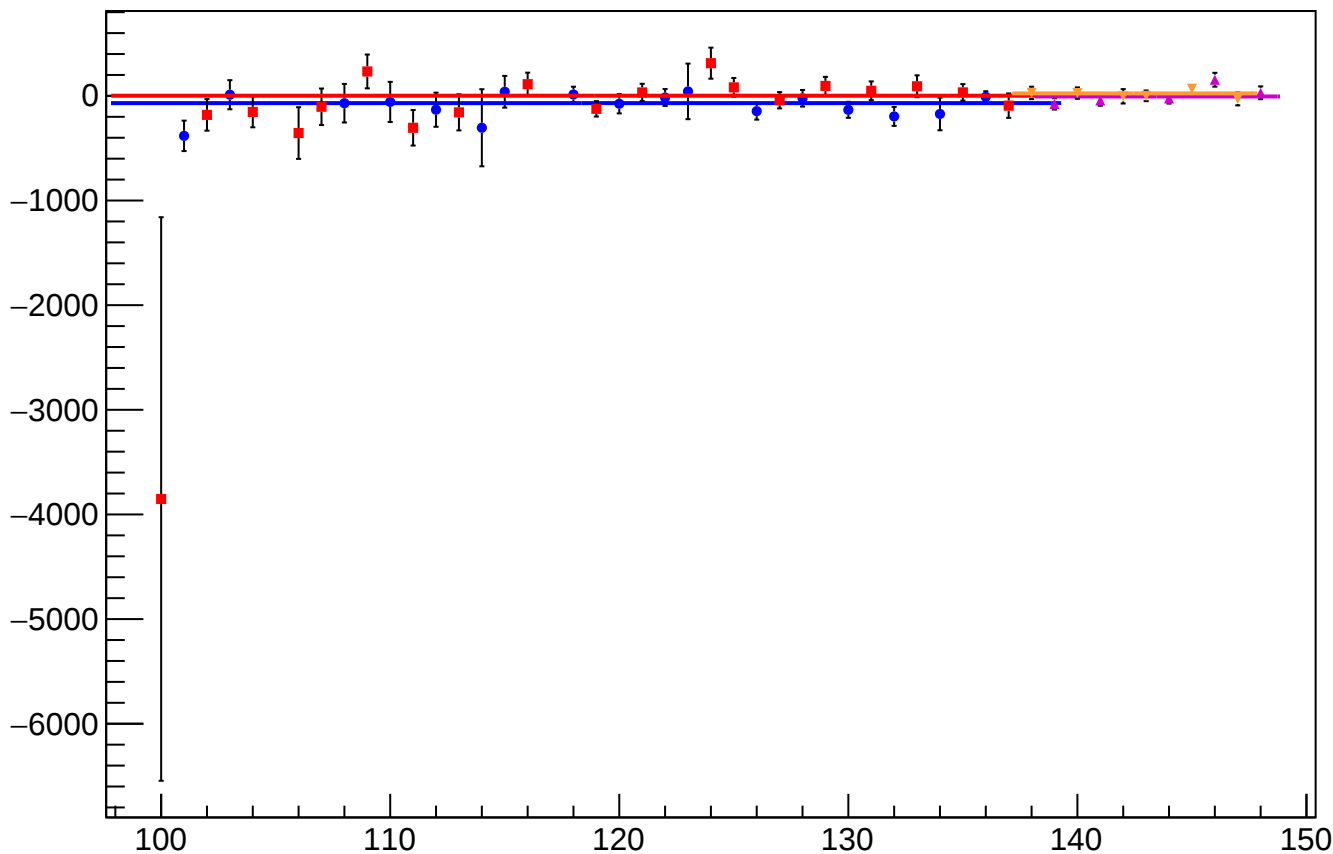
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.305+/-0.125 χ^2/NDF :358599.7/4

Out: 346.538+/-0.123 χ^2/NDF :556835.4/5

All: 347.404+/-0.088 χ^2/NDF : 915536.1/10

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: 23.742 ± 22.029 χ^2/NDF : 2.2/5

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: -5.753 ± 24.777 χ^2/NDF : 8.6/4

Left: 10.720 ± 16.463 χ^2/NDF : 11.6/10

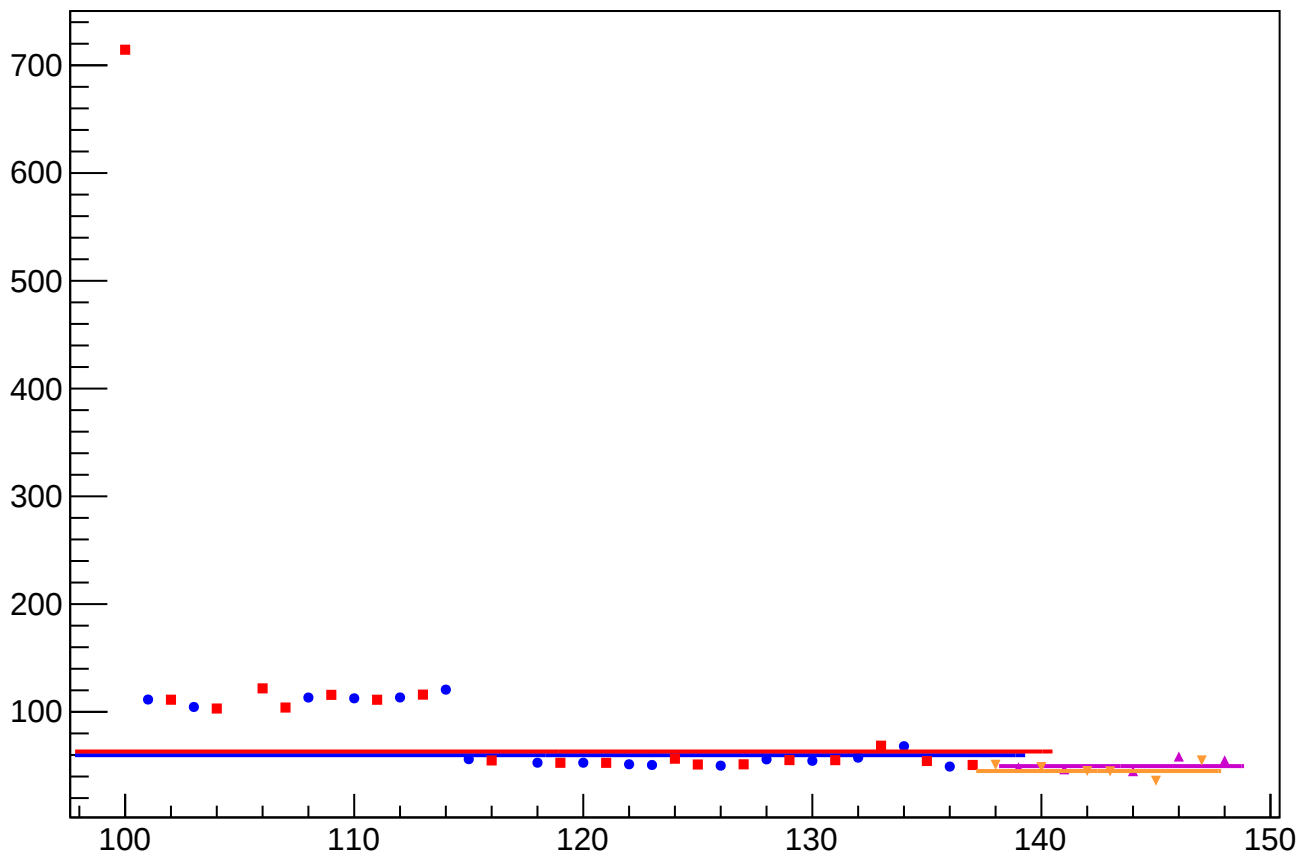
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -38.139 ± 17.334 χ^2/NDF : 25.4/21

Out: 14.207 ± 16.581 χ^2/NDF : 28.5/24

All: -10.804 ± 11.982 χ^2/NDF : 58.7/46

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 45.099 $\pm$ 0.016 χ^2 /NDF: 174208.0/5

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 49.667 $\pm$ 0.018 χ^2 /NDF: 76922.2/4

Left: 47.116 $\pm$ 0.012 χ^2 /NDF: 289094.7/10

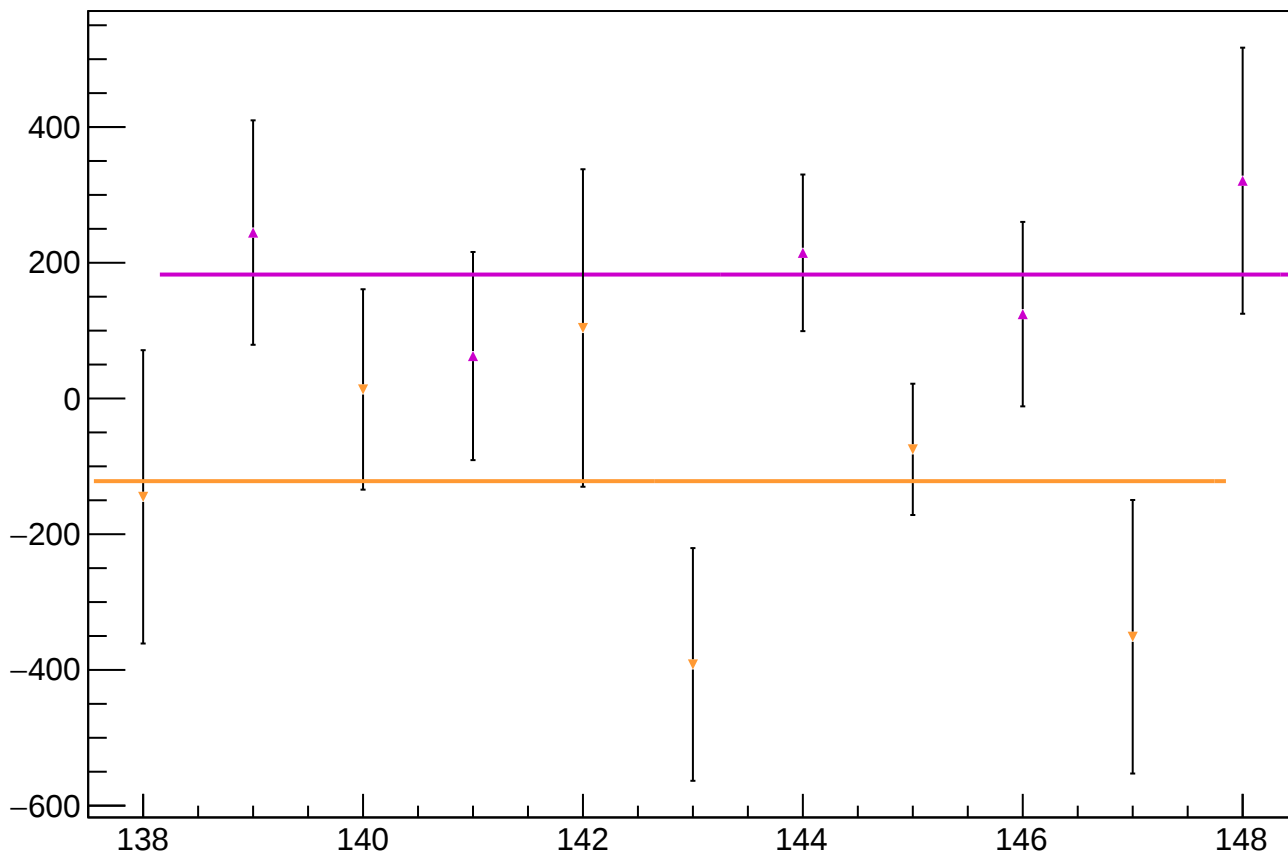
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 54.845 $\pm$ 0.012 χ^2 /NDF: 1477988.4/21

Out: 52.954 $\pm$ 0.012 χ^2 /NDF: 2265227.6/24

All: 53.858 $\pm$ 0.008 χ^2 /NDF: 3755633.7/46

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -121.814+/-63.113 χ^2/NDF : 5.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 182.636+/-65.325 χ^2/NDF : 1.5/4

Left: 25.168+/-45.390 χ^2/NDF : 18.5/10

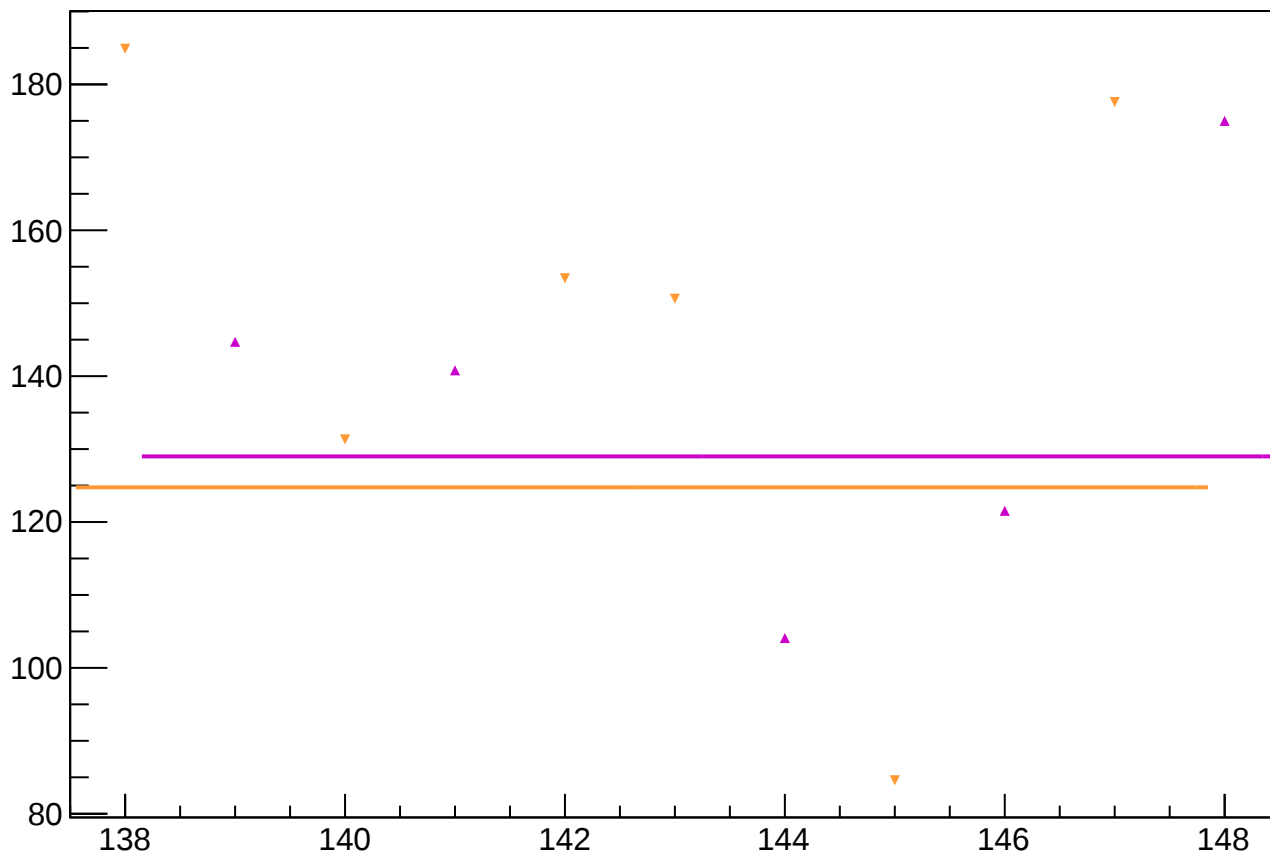
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 182.636+/-65.325 χ^2/NDF : 1.5/4

Out: -121.814+/-63.113 χ^2/NDF : 5.8/5

All: 25.168+/-45.390 χ^2/NDF : 18.5/10

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: 124.753+/-0.045 χ^2/NDF : 716491.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 128.996+/-0.046 χ^2/NDF : 239156.4/4

Left: 126.802+/-0.032 χ^2/NDF : 960010.9/10

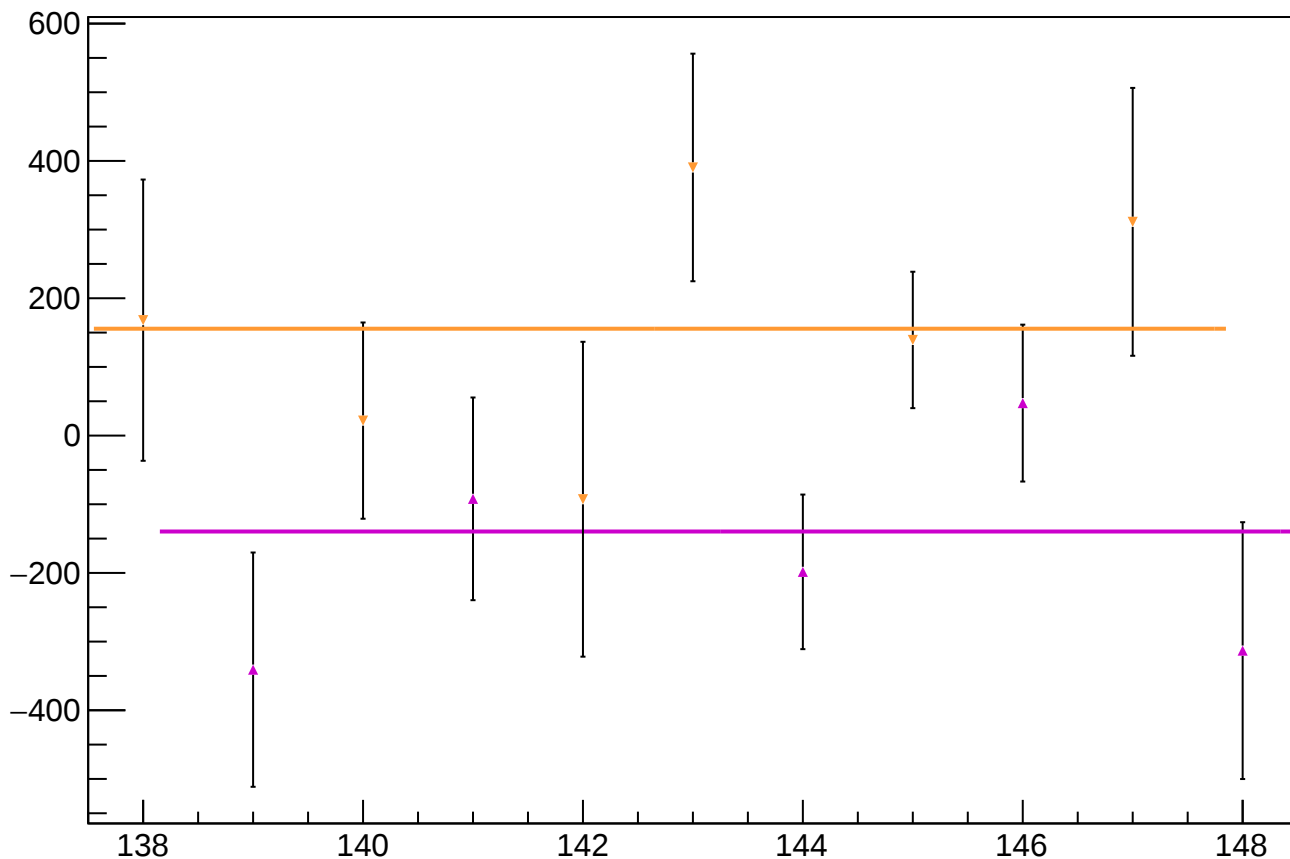
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.996+/-0.046 χ^2/NDF : 239156.4/4

Out: 124.753+/-0.045 χ^2/NDF : 716491.0/5

All: 126.802+/-0.032 χ^2/NDF : 960010.9/10

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 155.652+/-62.512 χ^2/NDF : 4.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -139.685+/-61.498 χ^2/NDF : 5.3/4

Left: 5.568+/-43.840 χ^2/NDF : 21.4/10

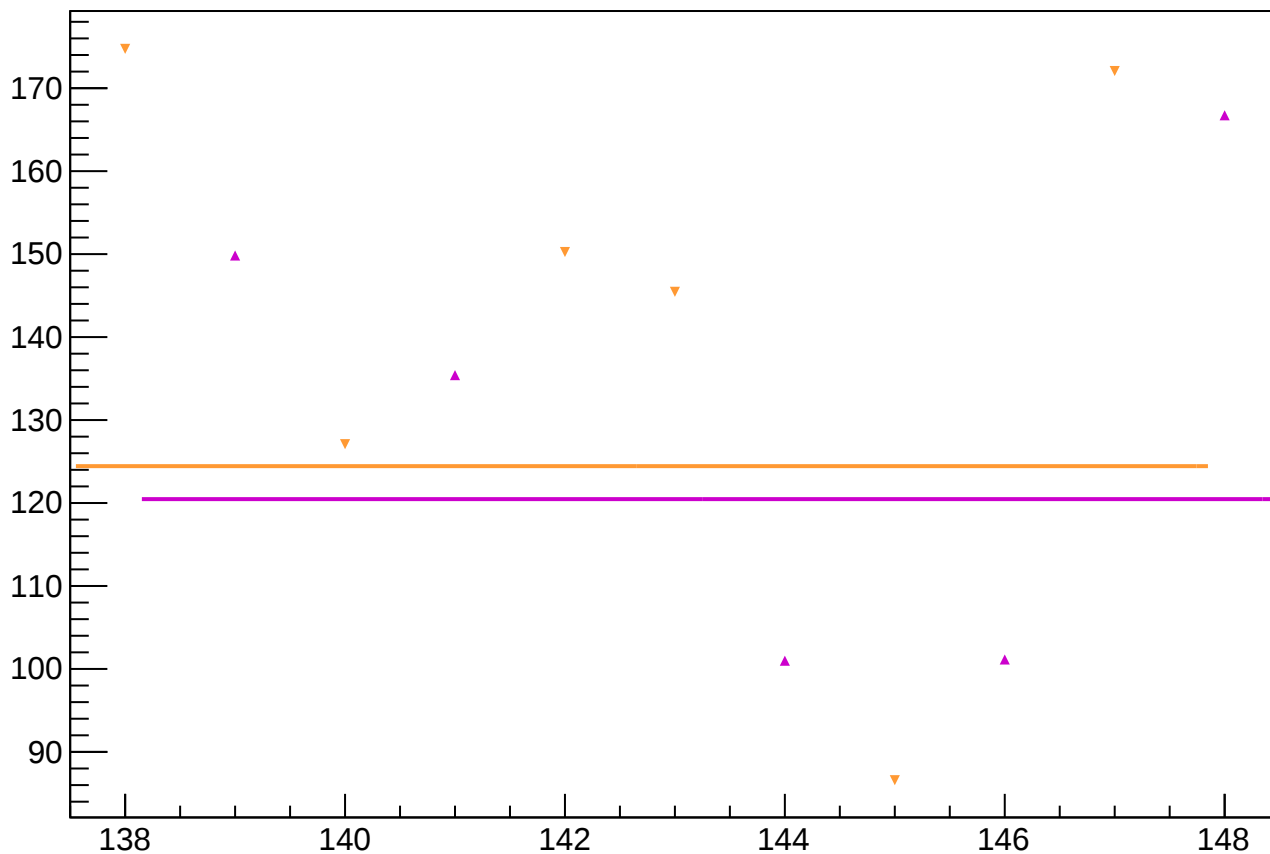
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -139.685+/-61.498 χ^2/NDF : 5.3/4

Out: 155.652+/-62.512 χ^2/NDF : 4.7/5

All: 5.568+/-43.840 χ^2/NDF : 21.4/10

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 124.443+/-0.044 χ^2/NDF : 588580.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 120.469+/-0.043 χ^2/NDF : 319298.5/4

Left: 122.423+/-0.031 χ^2/NDF : 911986.8/10

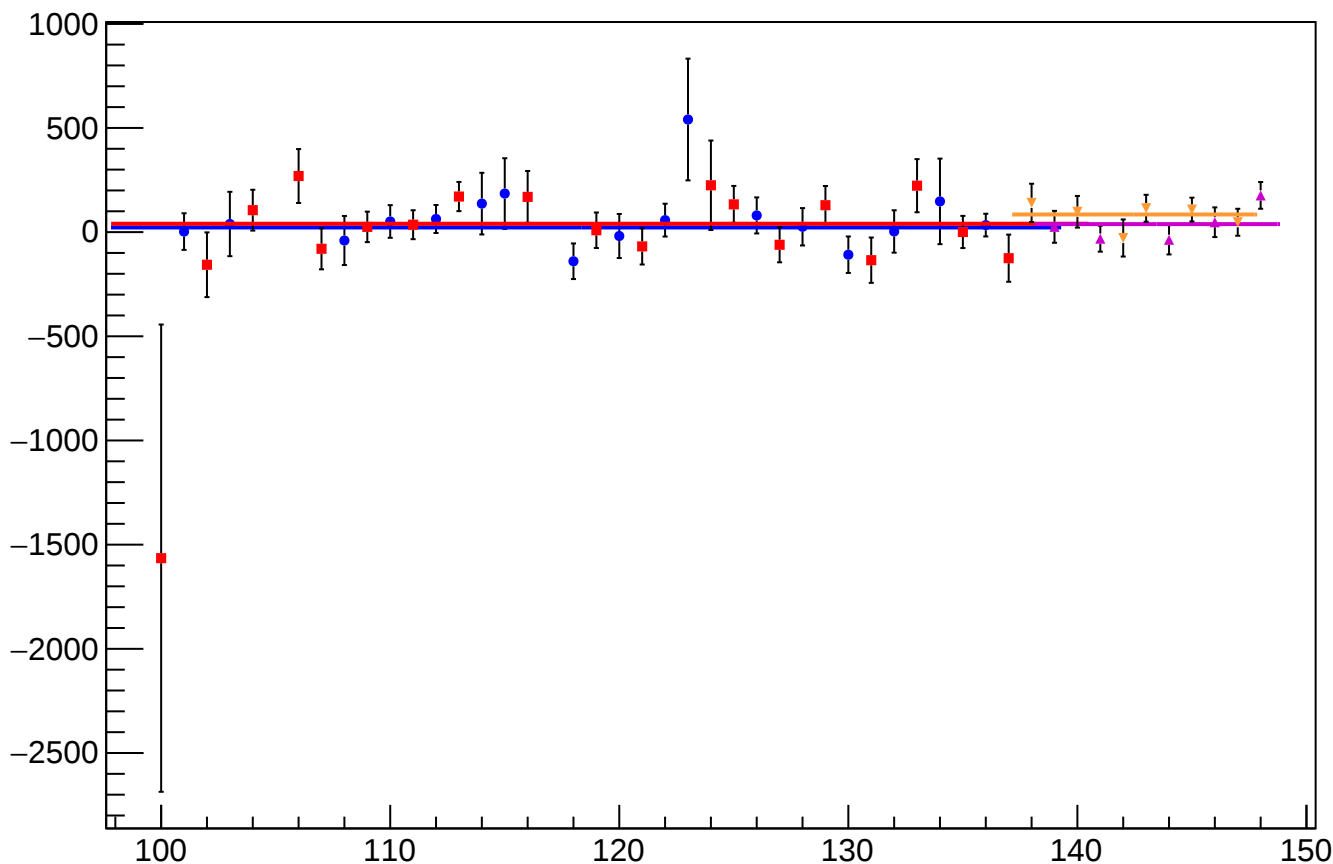
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.469+/-0.043 χ^2/NDF : 319298.5/4

Out: 124.443+/-0.044 χ^2/NDF : 588580.6/5

All: 122.423+/-0.031 χ^2/NDF : 911986.8/10

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 84.688 $\pm$ 28.829 χ^2 /NDF:2.7/5

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 38.416 $\pm$ 30.595 χ^2 /NDF:7.0/4

Left: 62.926 $\pm$ 20.981 χ^2 /NDF: 11.0/10

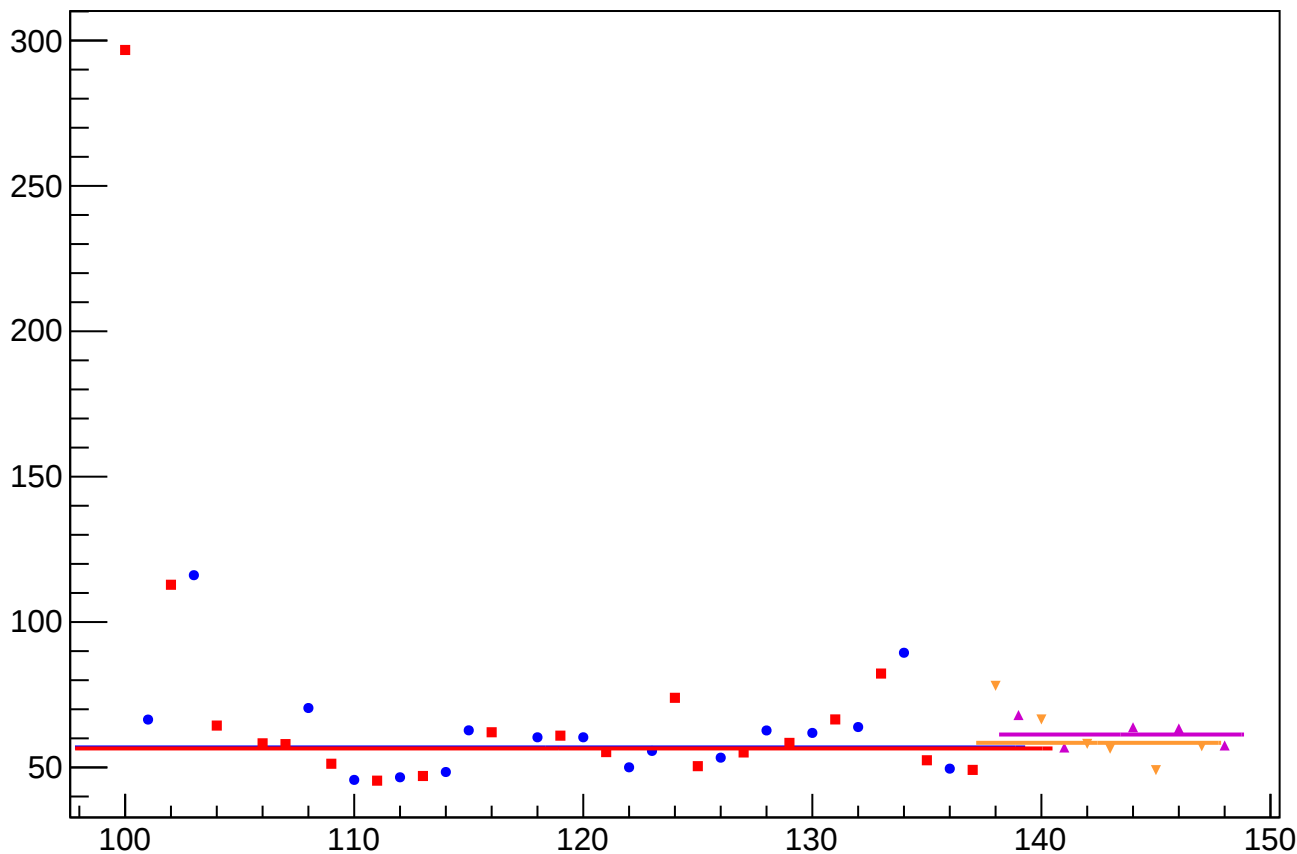
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 28.037 $\pm$ 18.191 χ^2 /NDF:19.8/21

Out: 56.723 $\pm$ 17.555 χ^2 /NDF:30.5/24

All: 42.890 $\pm$ 12.632 χ^2 /NDF: 51.6/46

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 58.463+/-0.020 χ^2/NDF : 170297.6/5

Right Out: 56.528+/-0.016 χ^2/NDF : 612273.7/18

Left In: 61.317+/-0.022 χ^2/NDF : 36571.1/4

Left: 59.805+/-0.015 χ^2/NDF : 216091.2/10

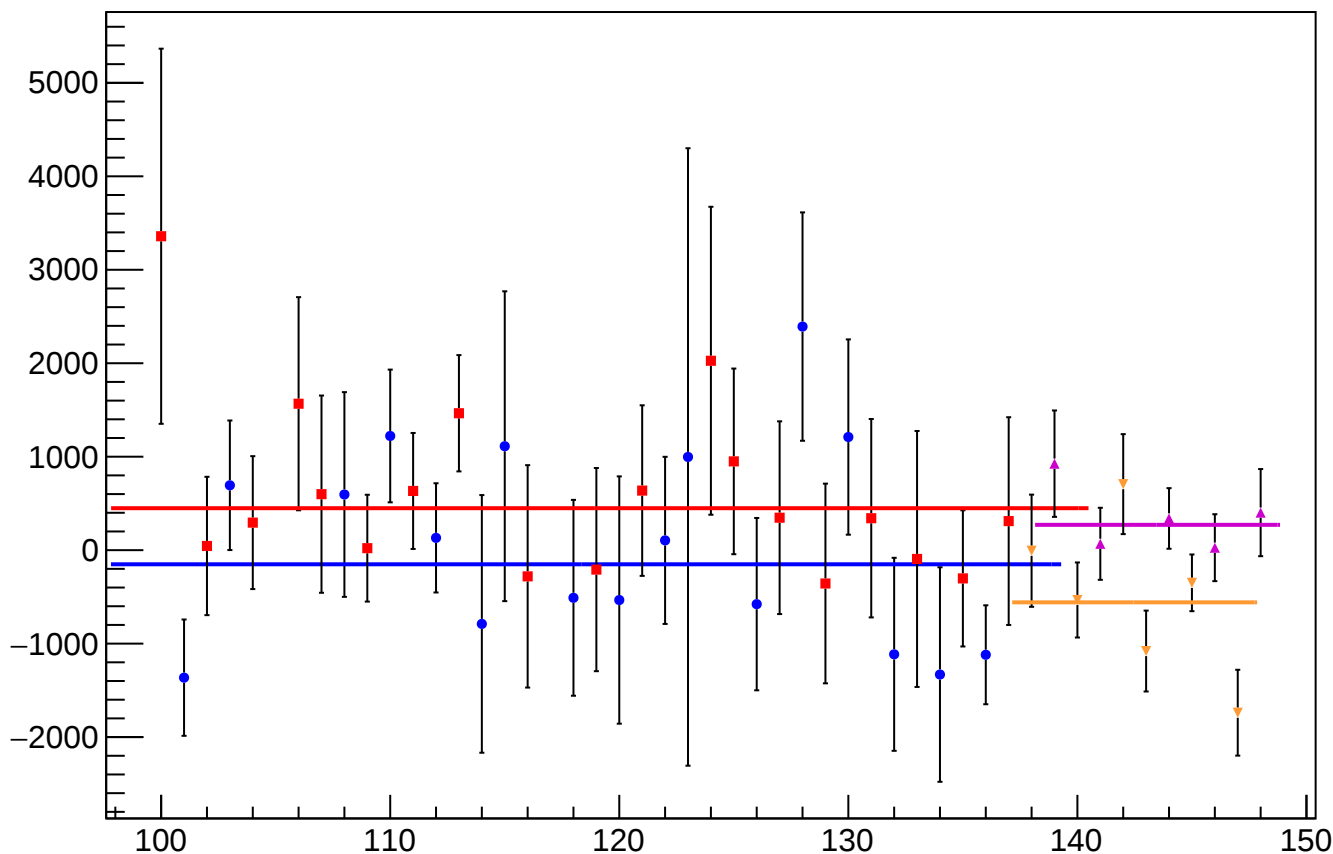
Right: 56.699+/-0.011 χ^2/NDF : 1188006.9/35

In: 58.448+/-0.013 χ^2/NDF : 639269.3/21

Out: 57.245+/-0.012 χ^2/NDF : 788240.2/24

All: 57.825+/-0.009 χ^2/NDF : 1432036.2/46

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -558.356+/-172.967 χ^2/NDF : 15.0/5

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 270.919+/-177.498 χ^2/NDF : 2.2/4

Left: -154.439+/-123.877 χ^2/NDF : 28.4/10

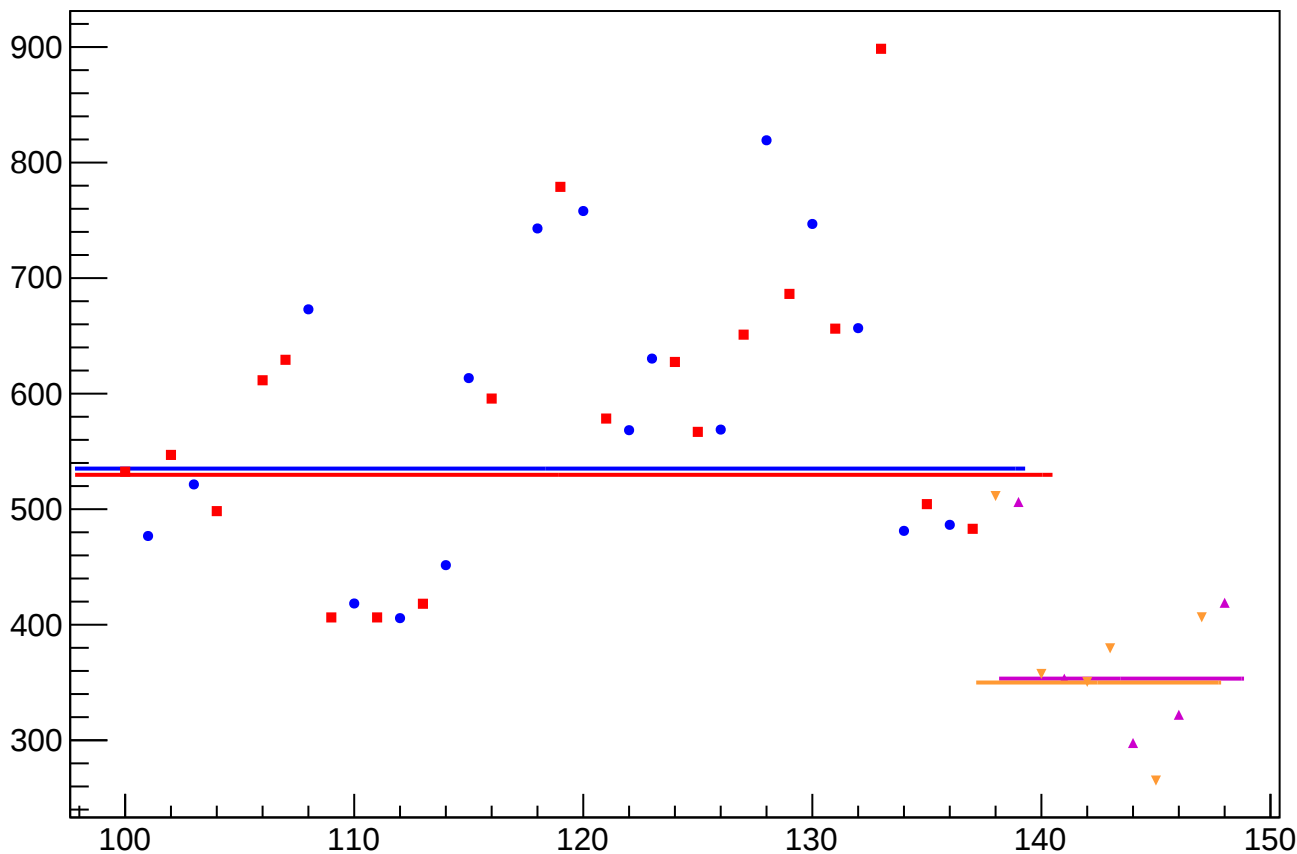
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 97.394+/-136.213 χ^2/NDF : 27.0/21

Out: -137.076+/-131.928 χ^2/NDF : 39.7/24

All: -23.587+/-94.766 χ^2/NDF : 68.2/46

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 349.974+/-0.122 χ^2/NDF : 341331.5/5

Right Out: 529.748+/-0.144 χ^2/NDF : 646729.4/18

Left In: 353.347+/-0.126 χ^2/NDF : 258357.5/4

Left: 351.617+/-0.088 χ^2/NDF : 600059.3/10

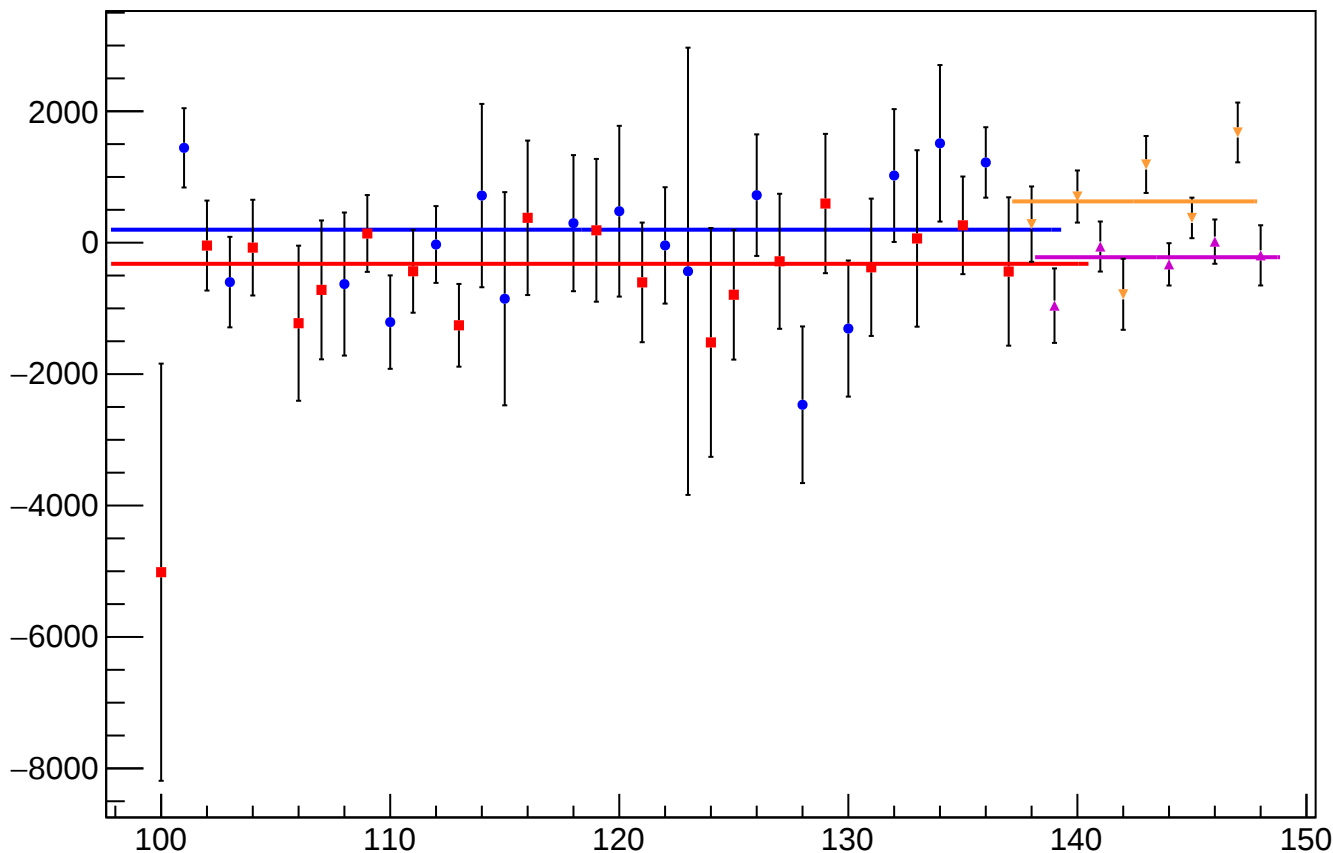
Right: 532.334+/-0.104 χ^2/NDF : 1243483.8/35

In: 428.079+/-0.096 χ^2/NDF : 1716860.8/21

Out: 425.162+/-0.093 χ^2/NDF : 1891660.5/24

All: 426.574+/-0.067 χ^2/NDF : 3608994.6/46

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 628.367+/-172.805 χ^2/NDF : 14.9/5

Right Out: -321.565+/-205.269 χ^2/NDF : 8.9/18

Left In: -221.036+/-173.512 χ^2/NDF : 2.5/4

Left: 205.400+/-122.441 χ^2/NDF : 29.4/10

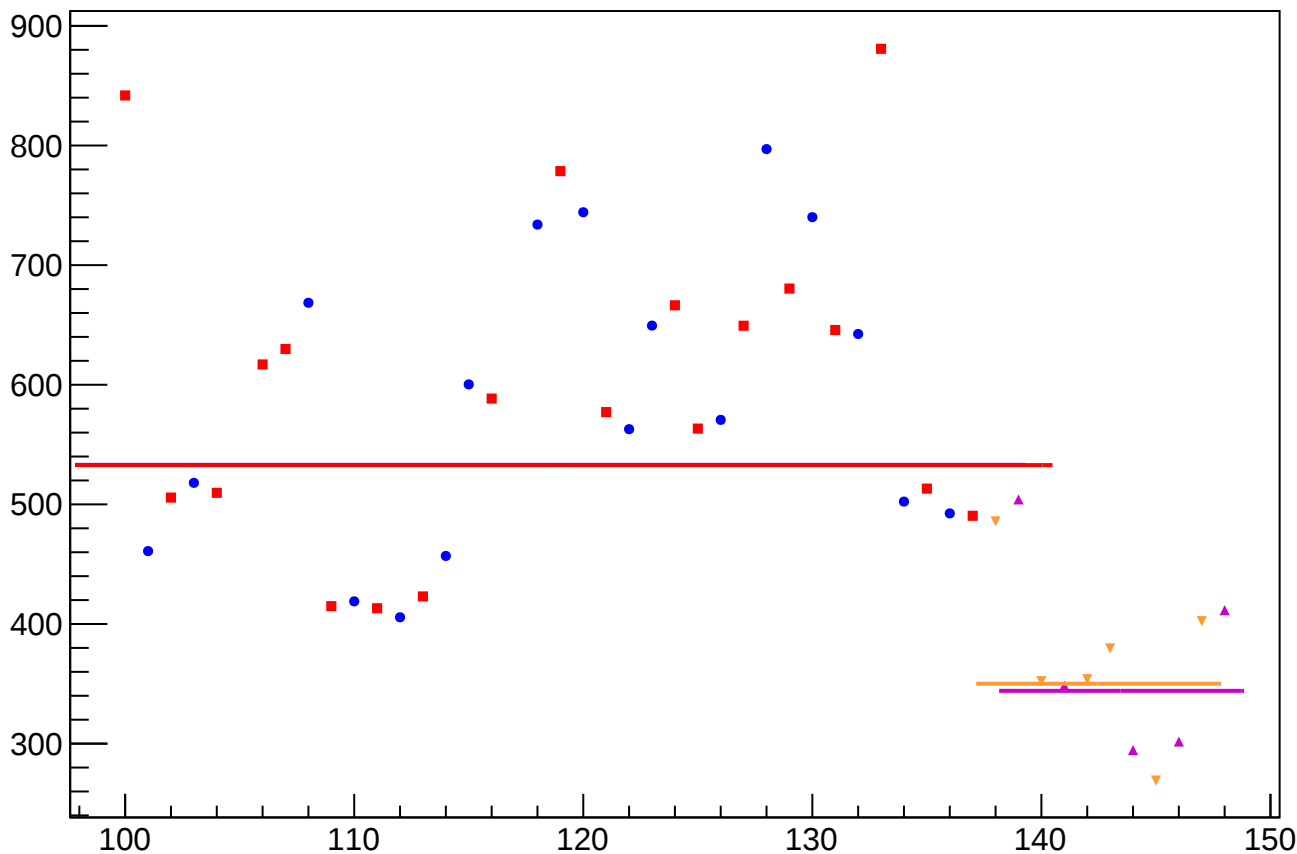
Right: -69.737+/-147.294 χ^2/NDF : 35.9/35

In: -52.621+/-134.141 χ^2/NDF : 28.8/21

Out: 234.372+/-132.197 χ^2/NDF : 36.3/24

All: 92.969+/-94.157 χ^2/NDF : 67.4/46

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 350.085 $\pm$ 0.122 χ^2 /NDF: 285684.2/5

Right Out: 532.857 $\pm$ 0.145 χ^2 /NDF: 616953.9/18

Left In: 344.129 $\pm$ 0.123 χ^2 /NDF: 281851.6/4

Left: 347.119 $\pm$ 0.087 χ^2 /NDF: 568719.1/10

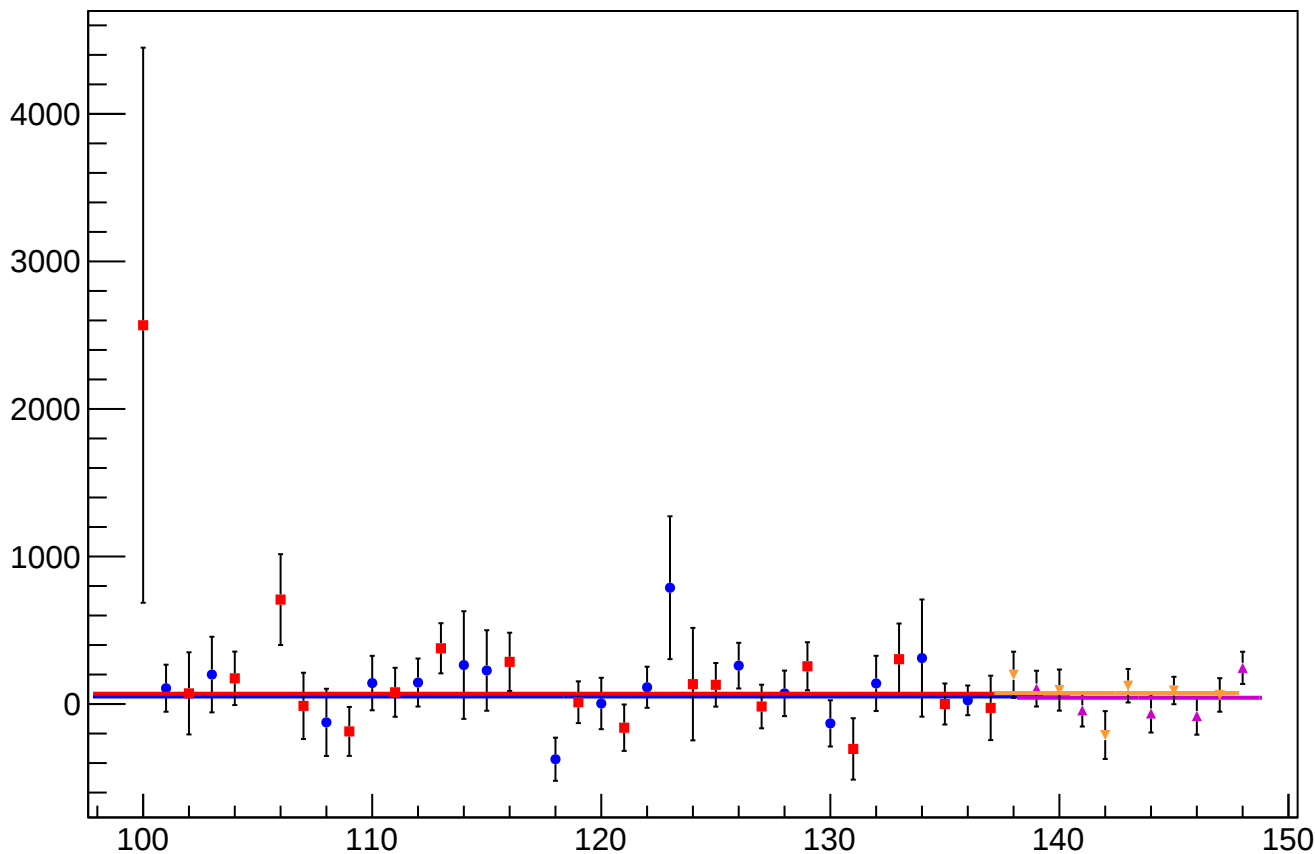
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 420.130 $\pm$ 0.095 χ^2 /NDF: 1802440.8/21

Out: 425.892 $\pm$ 0.093 χ^2 /NDF: 1830606.2/24

All: 423.053 $\pm$ 0.067 χ^2 /NDF: 3634918.9/46

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 74.761 $\pm$ 49.951 χ^2 /NDF:4.0/5

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 42.641 $\pm$ 52.932 χ^2 /NDF:5.9/4

Left: 59.631 $\pm$ 36.329 χ^2 /NDF: 10.1/10

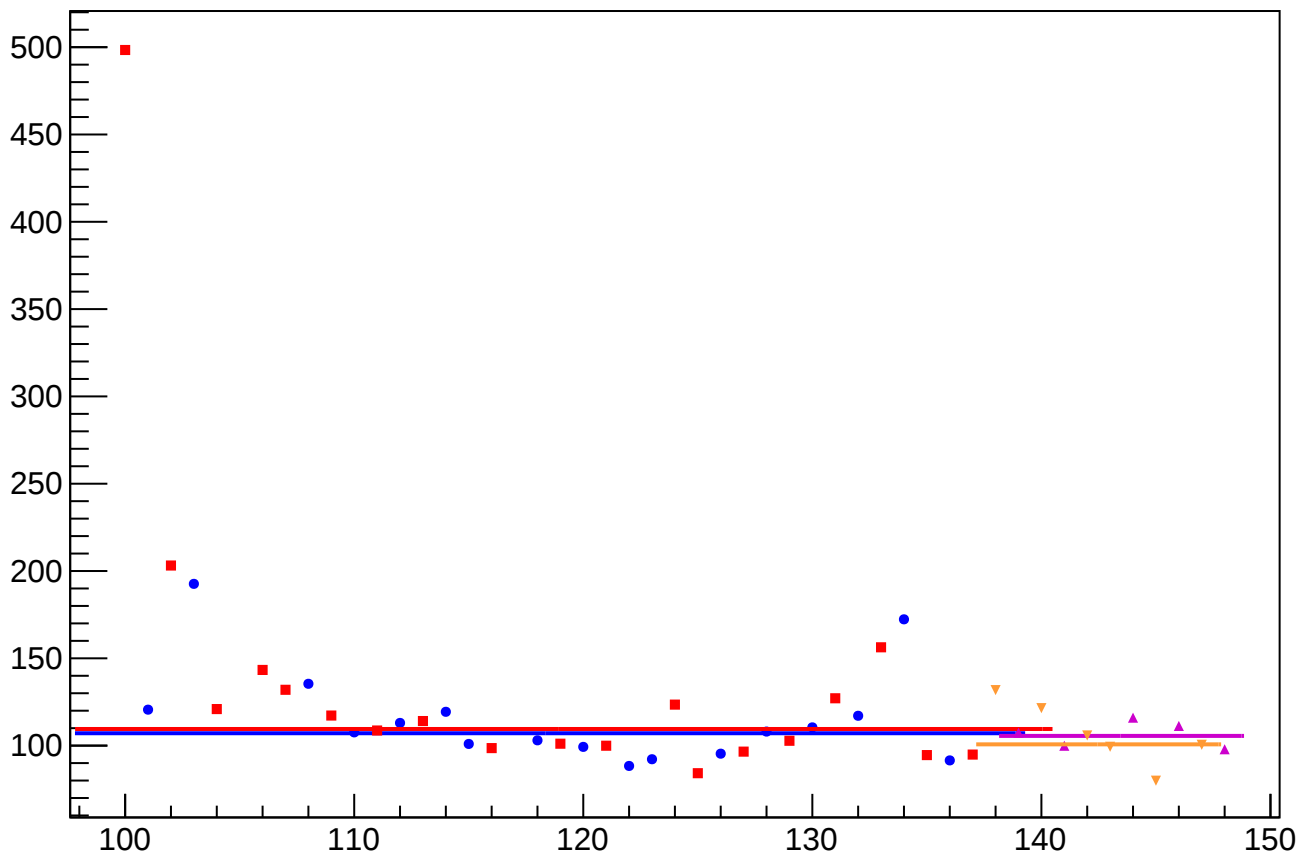
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 47.832 $\pm$ 33.100 χ^2 /NDF:23.3/21

Out: 72.056 $\pm$ 32.498 χ^2 /NDF:26.1/24

All: 60.167 $\pm$ 23.189 χ^2 /NDF: 49.7/46

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: 100.728 $\pm$ 0.035 χ^2/NDF : 225533.7/5

Right Out: 109.530 $\pm$ 0.030 χ^2/NDF : 591522.9/18

Left In: 105.569 $\pm$ 0.037 χ^2/NDF : 32685.6/4

Left: 103.009 $\pm$ 0.026 χ^2/NDF : 267069.8/10

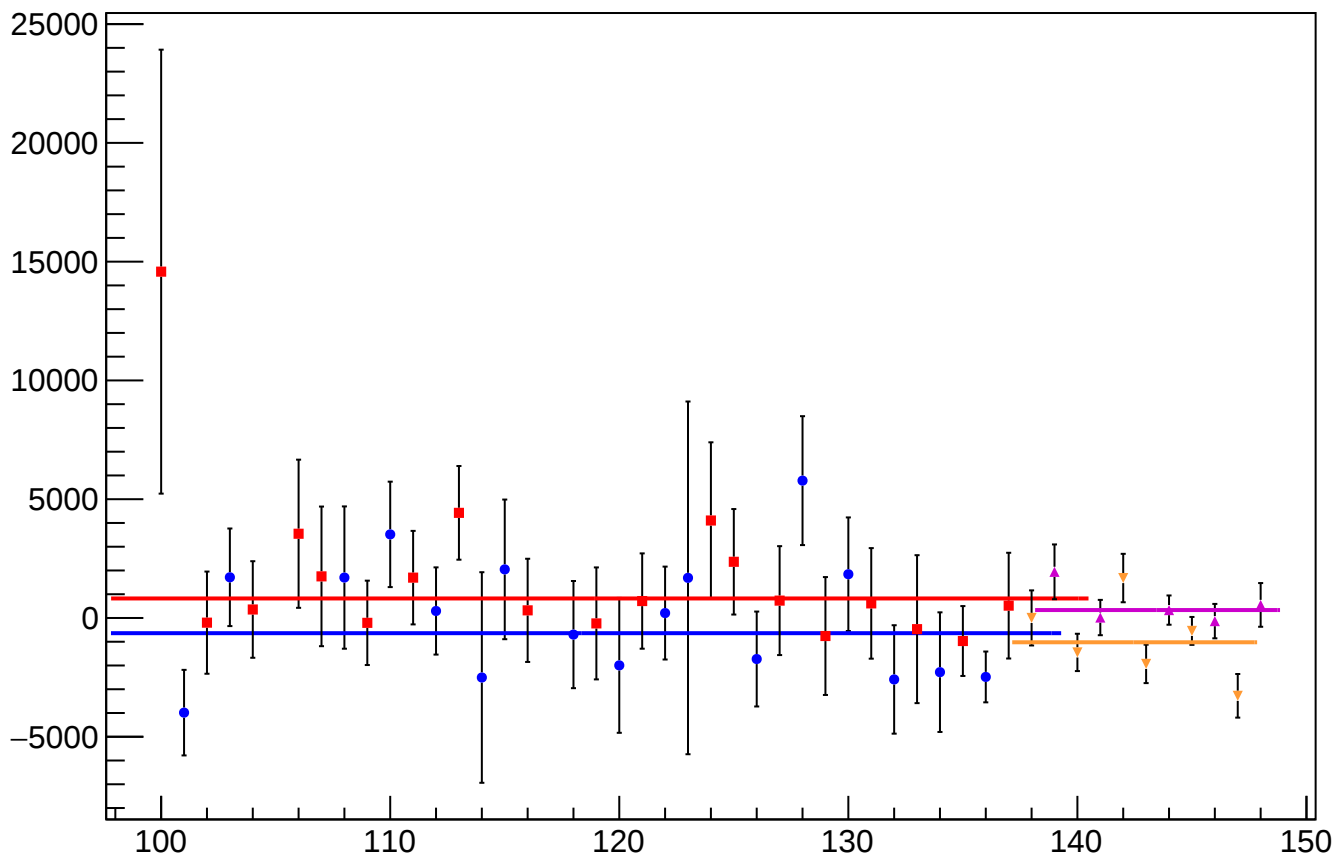
Right: 108.301 $\pm$ 0.021 χ^2/NDF : 1032549.7/35

In: 106.498 $\pm$ 0.023 χ^2/NDF : 471451.0/21

Out: 105.805 $\pm$ 0.023 χ^2/NDF : 852877.0/24

All: 106.145 $\pm$ 0.016 χ^2/NDF : 1324774.4/46

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1022.909+/-334.399 χ^2/NDF : 16.1/5

Right Out: 821.471+/-515.663 χ^2/NDF : 11.0/18

Left In: 333.983+/-347.365 χ^2/NDF : 2.6/4

Left: -370.260+/-240.909 χ^2/NDF : 26.6/10

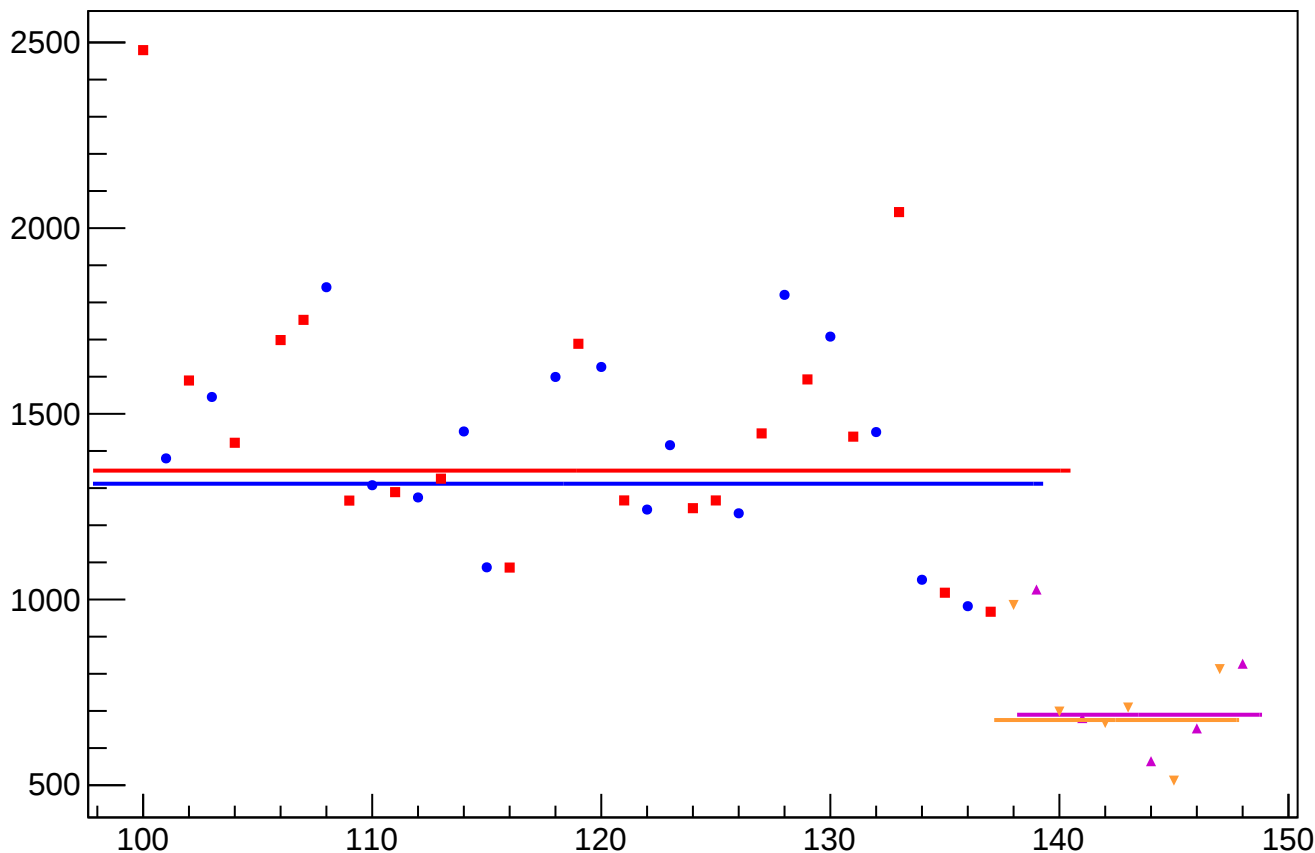
Right: 95.874+/-365.890 χ^2/NDF : 36.8/35

In: 32.905+/-288.717 χ^2/NDF : 26.8/21

Out: -476.903+/-280.569 χ^2/NDF : 36.1/24

All: -229.294+/-201.211 χ^2/NDF : 64.5/46

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: 675.509 $\pm$ 0.236 χ^2 /NDF: 347171.2/5

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 689.762 $\pm$ 0.246 χ^2 /NDF: 303600.0/4

Left: 682.364 $\pm$ 0.170 χ^2 /NDF: 652519.1/10

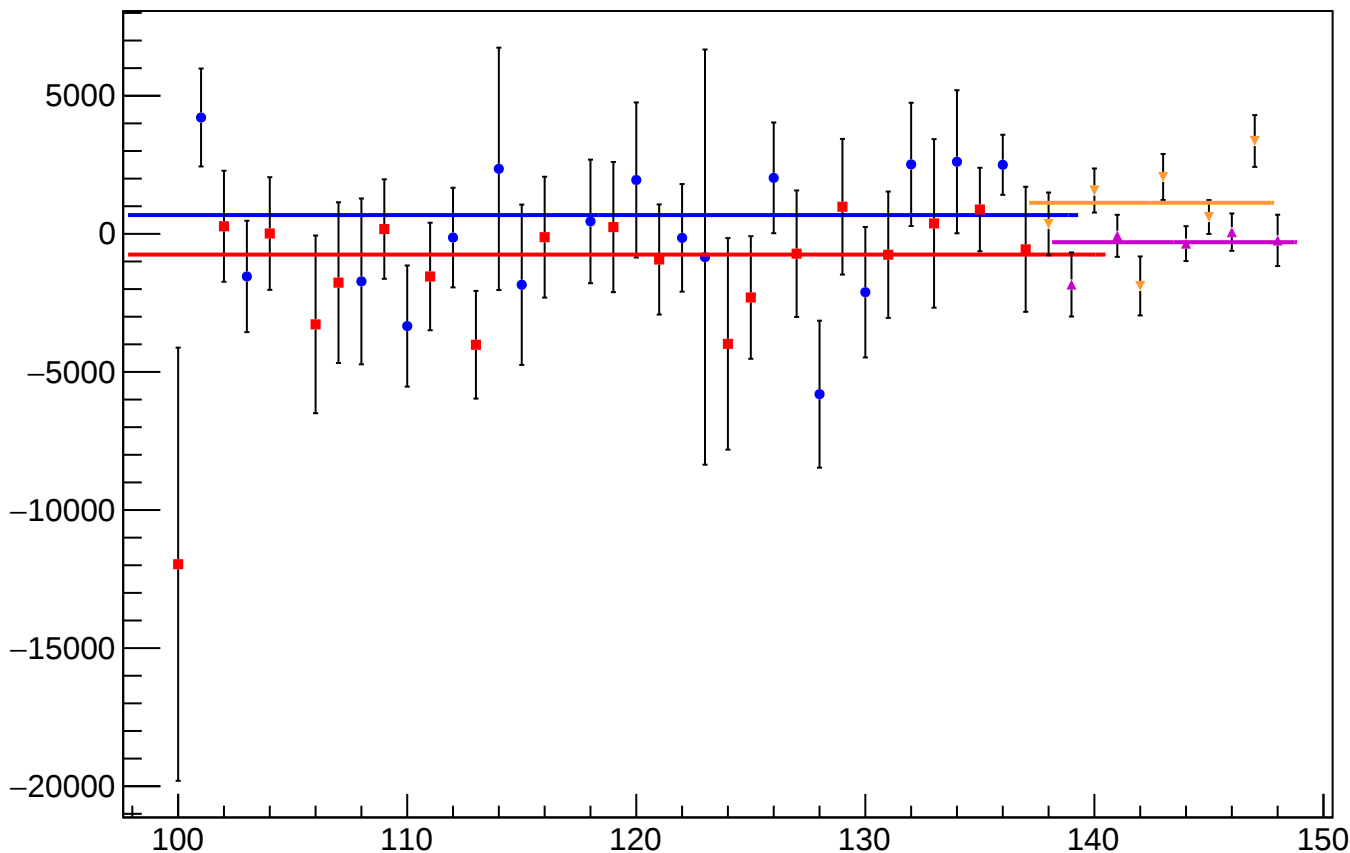
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 882.075 $\pm$ 0.204 χ^2 /NDF: 2799075.6/21

Out: 874.330 $\pm$ 0.198 χ^2 /NDF: 3225882.4/24

All: 878.092 $\pm$ 0.142 χ^2 /NDF: 6025698.3/46

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 ± 517.508 $\chi^2/\text{NDF}: 22.6/16$

Left Out: 1124.220 ± 343.871 $\chi^2/\text{NDF}: 16.4/5$

Right Out: -749.718 ± 516.198 $\chi^2/\text{NDF}: 9.7/18$

Left In: -301.892 ± 346.777 $\chi^2/\text{NDF}: 2.1/4$

Left: 417.163 ± 244.175 $\chi^2/\text{NDF}: 27.0/10$

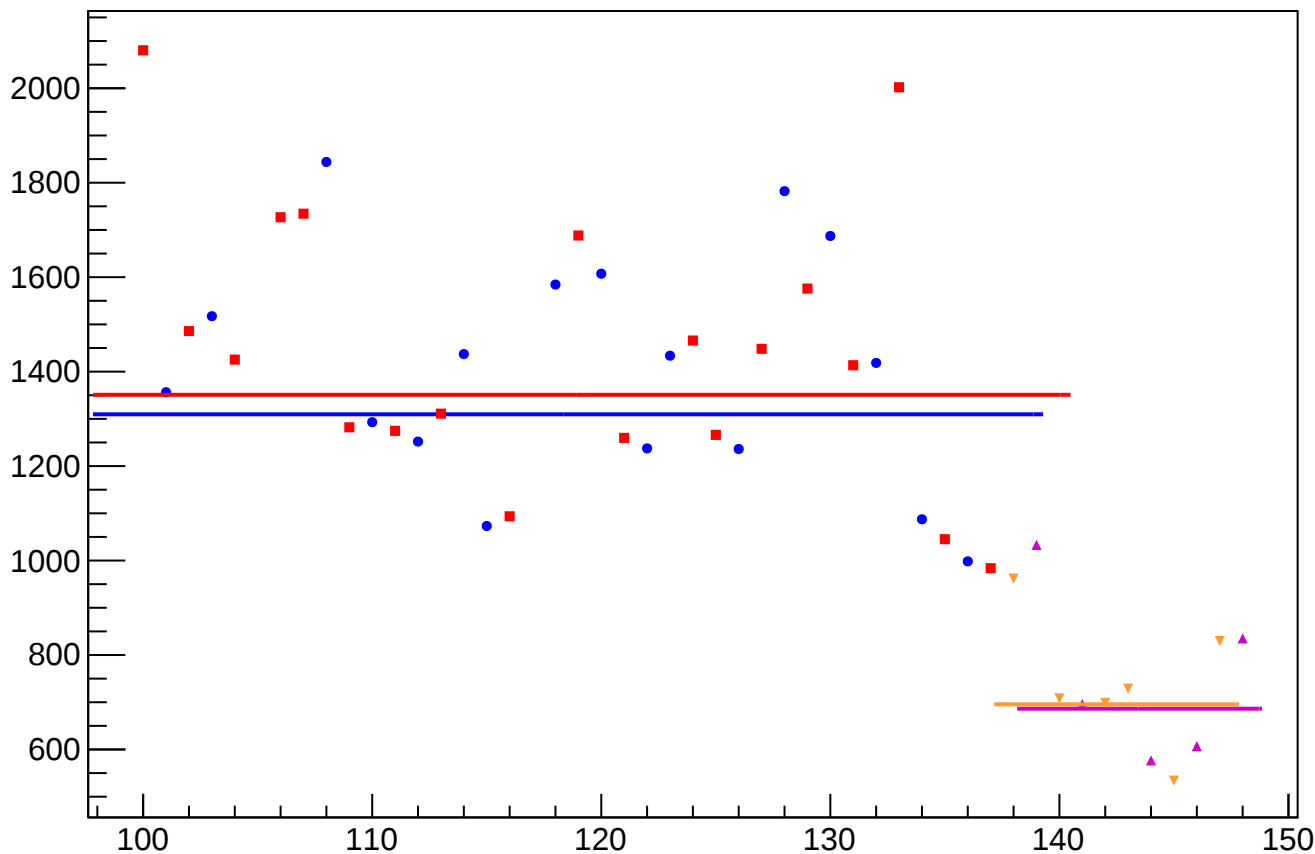
Right: -36.709 ± 365.469 $\chi^2/\text{NDF}: 36.1/35$

In: 2.352 ± 288.080 $\chi^2/\text{NDF}: 27.2/21$

Out: 548.227 ± 286.185 $\chi^2/\text{NDF}: 35.2/24$

All: 277.091 ± 203.030 $\chi^2/\text{NDF}: 64.2/46$

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 695.638 $\pm$ 0.243 χ^2/NDF : 293028.8/5

Right Out: 1350.942 $\pm$ 0.365 χ^2/NDF : 422723.4/18

Left In: 686.345 $\pm$ 0.245 χ^2/NDF : 317675.3/4

Left: 691.030 $\pm$ 0.173 χ^2/NDF : 611428.2/10

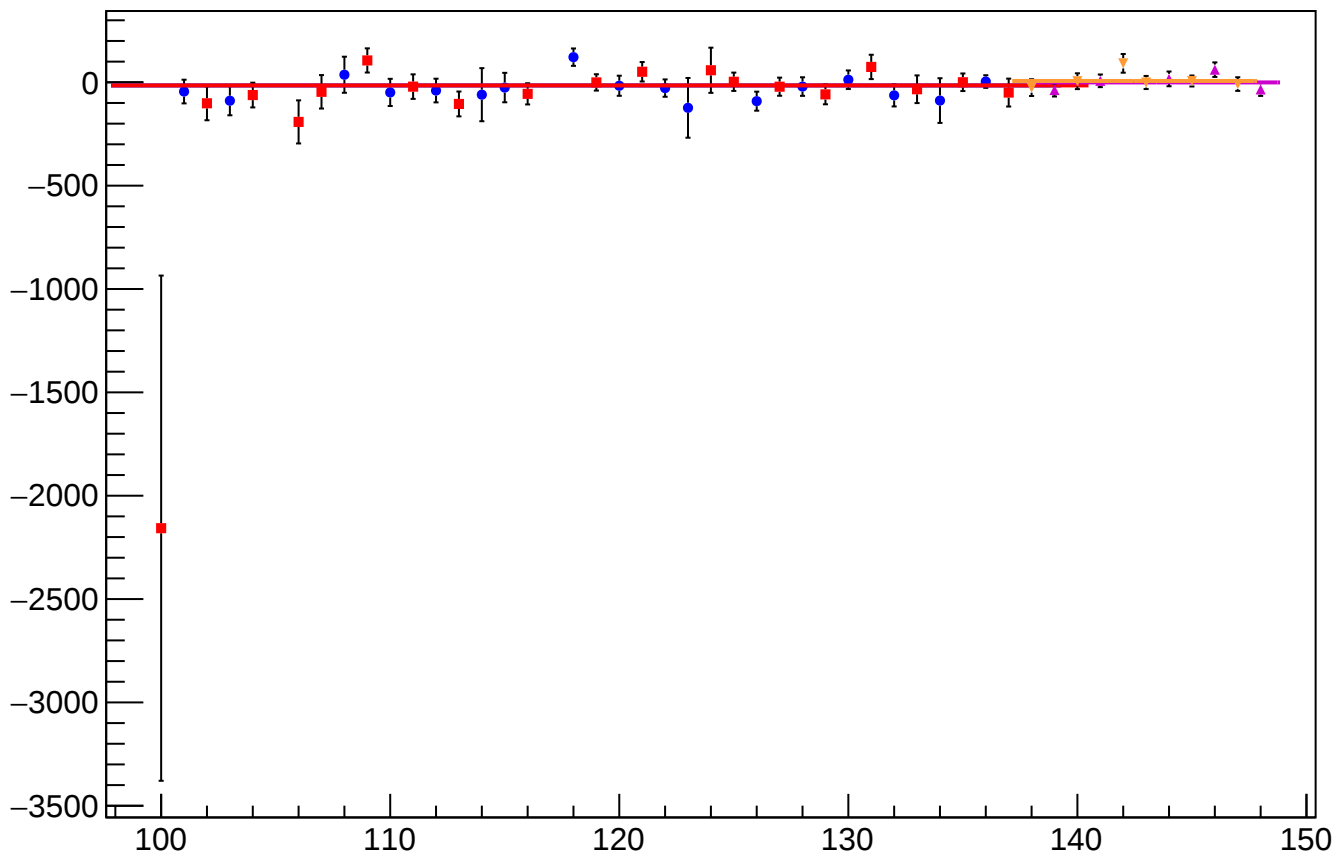
Right: 1330.350 $\pm$ 0.258 χ^2/NDF : 888419.4/35

In: 879.495 $\pm$ 0.204 χ^2/NDF : 2779286.0/21

Out: 897.058 $\pm$ 0.202 χ^2/NDF : 2948220.3/24

All: 888.335 $\pm$ 0.144 χ^2/NDF : 5731247.7/46

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: 6.480 ± 13.989 χ^2/NDF : 4.4/5

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -0.590 ± 14.599 χ^2/NDF : 5.9/4

Left: 3.095 ± 10.101 χ^2/NDF : 10.5/10

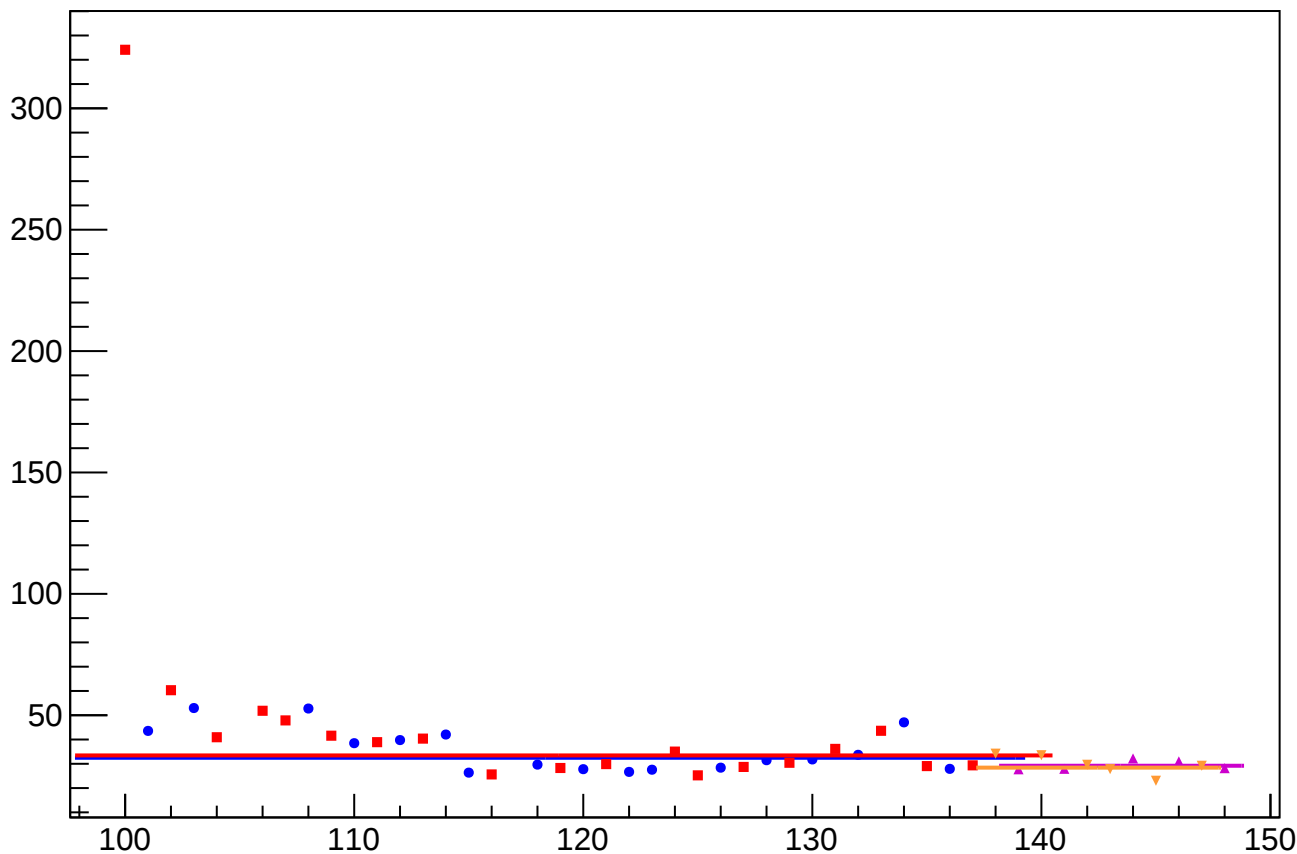
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -8.836 ± 9.670 χ^2/NDF : 24.8/21

Out: -5.012 ± 9.561 χ^2/NDF : 27.0/24

All: -6.902 ± 6.799 χ^2/NDF : 51.8/46

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: 28.417 $\pm$ 0.010 χ^2 /NDF: 161927.2/5

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 29.195 $\pm$ 0.010 χ^2 /NDF: 29201.2/4

Left: 28.789 $\pm$ 0.007 χ^2 /NDF: 194085.8/10

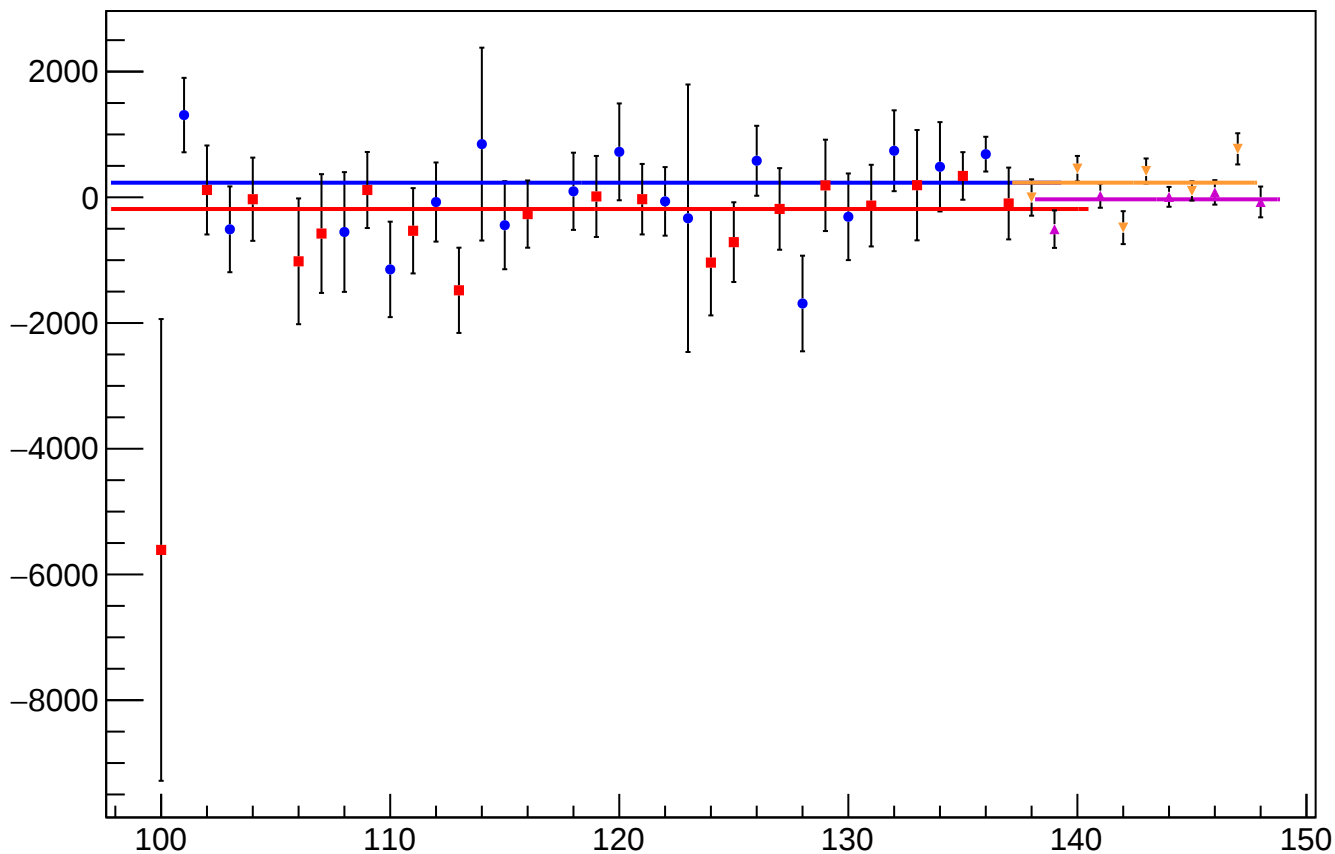
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 31.044 $\pm$ 0.007 χ^2 /NDF: 680845.1/21

Out: 31.096 $\pm$ 0.007 χ^2 /NDF: 1137925.5/24

All: 31.070 $\pm$ 0.005 χ^2 /NDF: 1818800.4/46

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 ± 148.607 χ^2/NDF : 21.5/16

Left Out: 232.755 ± 86.085 χ^2/NDF : 15.7/5

Right Out: -186.198 ± 149.878 χ^2/NDF : 11.8/18

Left In: -31.960 ± 90.717 χ^2/NDF : 3.0/4

Left: 107.327 ± 62.445 χ^2/NDF : 23.2/10

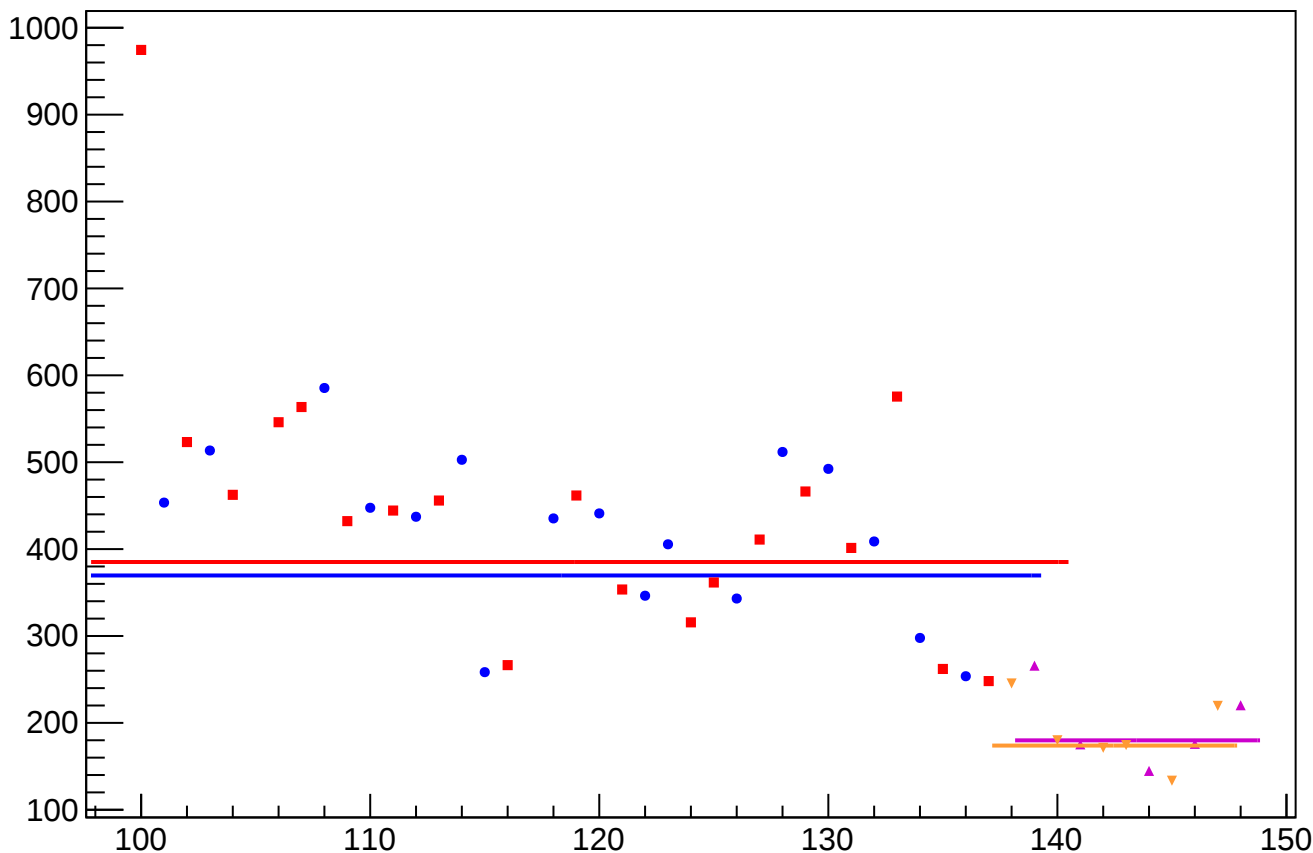
Right: 24.849 ± 105.528 χ^2/NDF : 37.2/35

In: 39.790 ± 77.430 χ^2/NDF : 26.8/21

Out: 128.828 ± 74.648 χ^2/NDF : 33.3/24

All: 85.937 ± 53.741 χ^2/NDF : 60.8/46

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2/NDF : 902775.2/16

Left Out: 173.891 $\pm$ 0.061 χ^2/NDF : 331310.5/5

Right Out: 385.154 $\pm$ 0.106 χ^2/NDF : 926572.0/18

Left In: 179.900 $\pm$ 0.064 χ^2/NDF : 321630.9/4

Left: 176.738 $\pm$ 0.044 χ^2/NDF : 657559.3/10

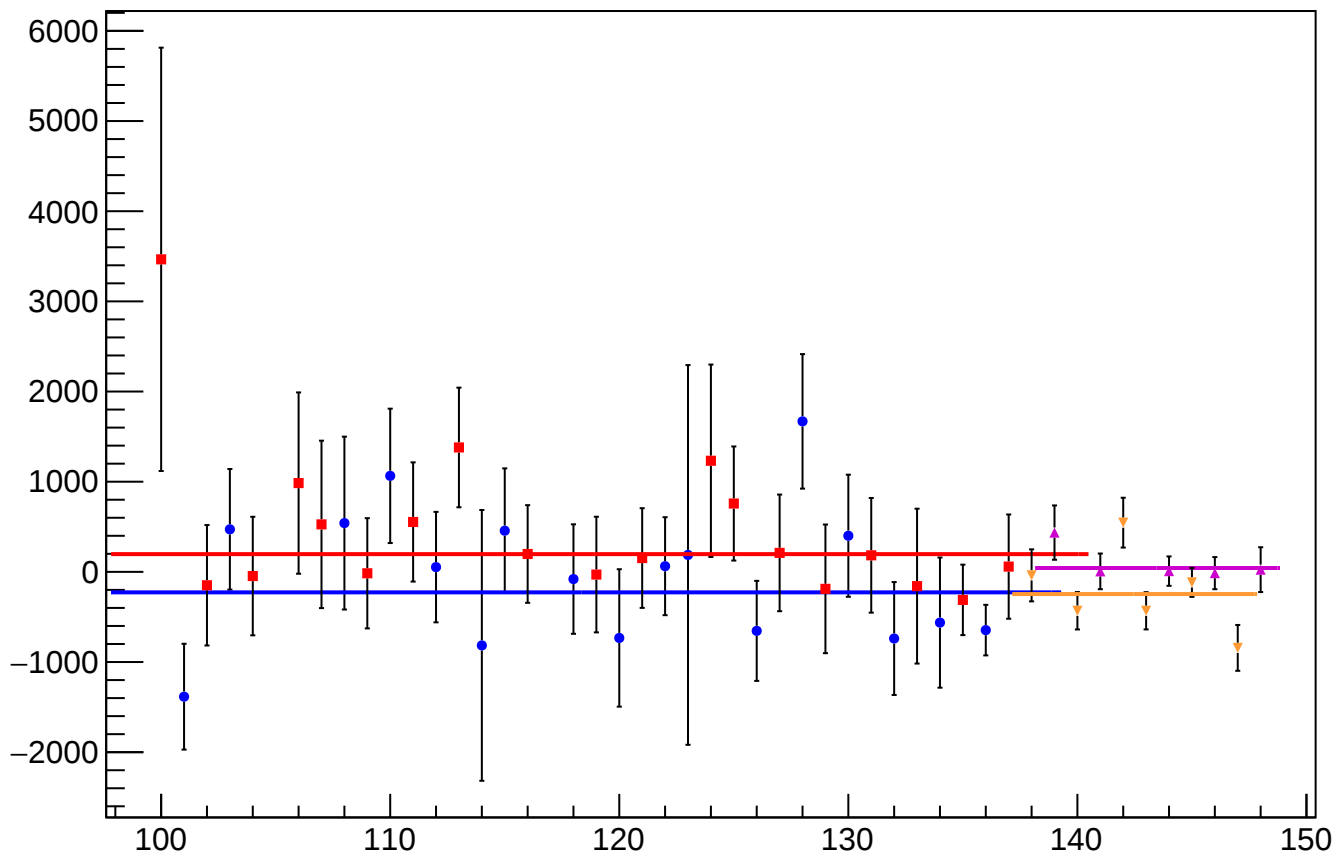
Right: 377.336 $\pm$ 0.075 χ^2/NDF : 1840139.7/35

In: 231.414 $\pm$ 0.055 χ^2/NDF : 3599888.8/21

Out: 226.298 $\pm$ 0.053 χ^2/NDF : 4245897.1/24

All: 228.762 $\pm$ 0.038 χ^2/NDF : 7850311.1/46

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -246.056 ± 89.036 $\chi^2/\text{NDF}: 16.5/5$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 42.702 ± 90.554 $\chi^2/\text{NDF}: 1.9/4$

Left: -104.118 ± 63.488 $\chi^2/\text{NDF}: 23.6/10$

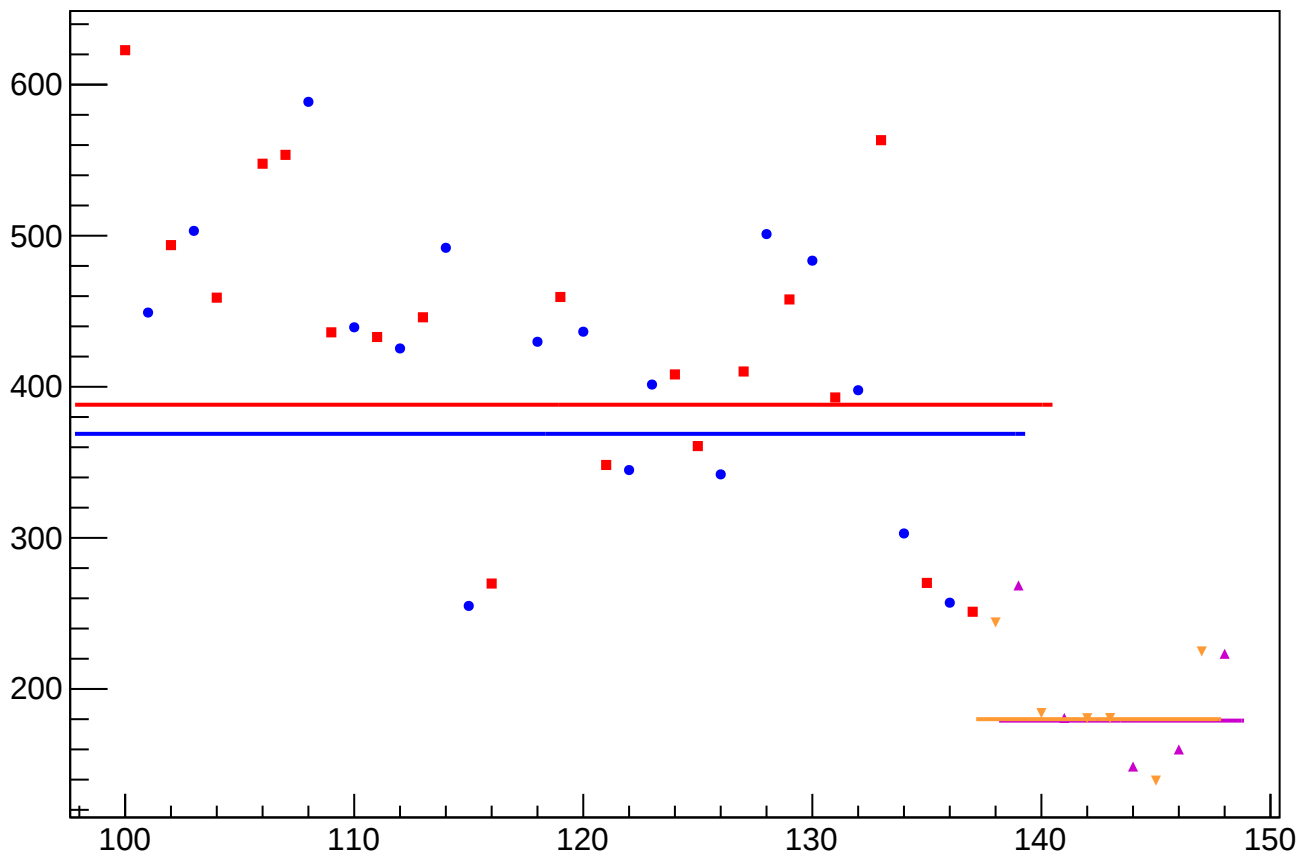
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: -30.894 ± 77.232 $\chi^2/\text{NDF}: 26.1/21$

Out: -130.891 ± 76.587 $\chi^2/\text{NDF}: 33.7/24$

All: -81.312 ± 54.382 $\chi^2/\text{NDF}: 60.7/46$

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: 180.016 $\pm$ 0.063 χ^2 /NDF: 290129.5/5

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 179.062 $\pm$ 0.064 χ^2 /NDF: 332513.8/4

Left: 179.547 $\pm$ 0.045 χ^2 /NDF: 622756.1/10

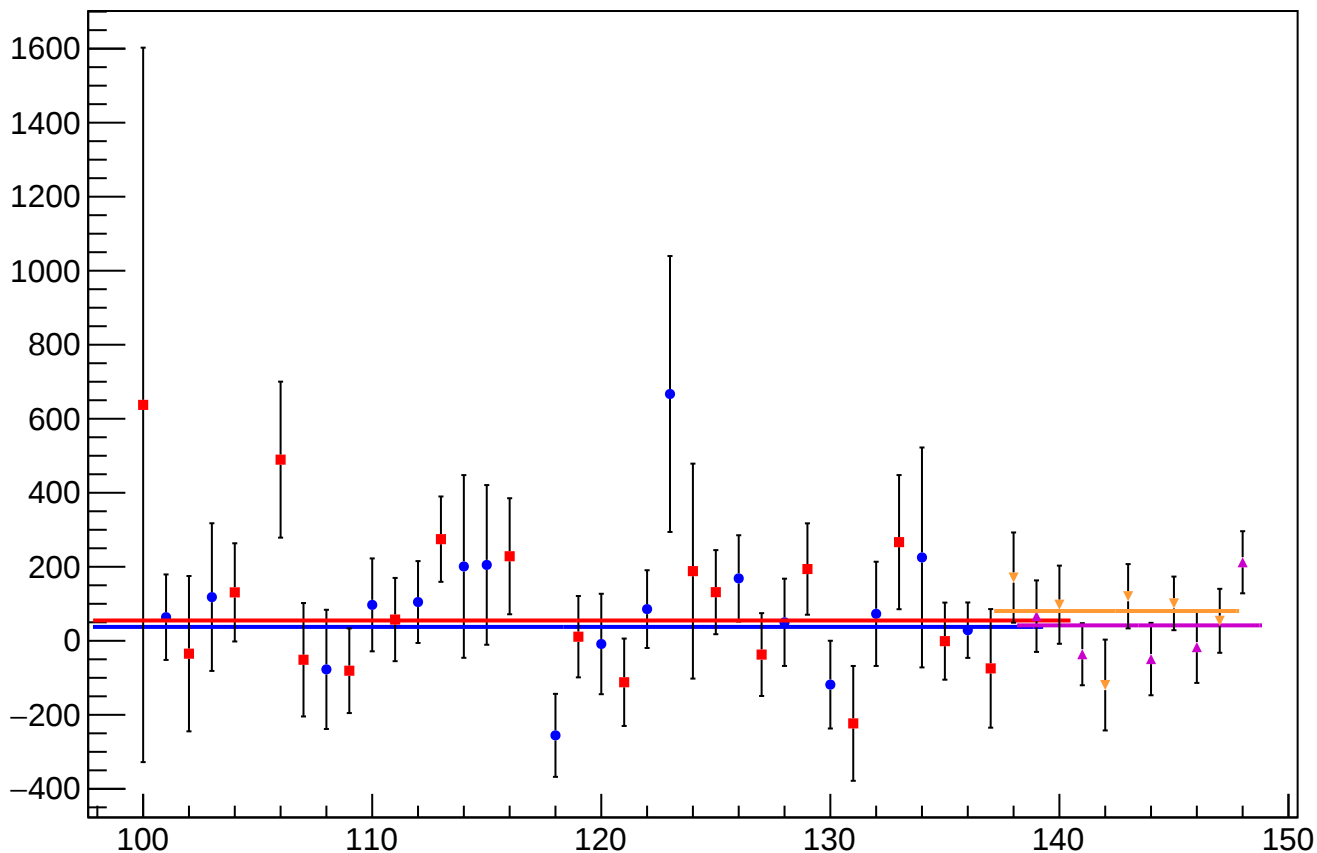
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 230.801 $\pm$ 0.055 χ^2 /NDF: 3557410.5/21

Out: 234.142 $\pm$ 0.054 χ^2 /NDF: 3910165.1/24

All: 232.485 $\pm$ 0.038 χ^2 /NDF: 7469461.9/46

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 80.502+/-38.328 χ^2/NDF : 3.6/5

Right Out: 54.894+/-31.473 χ^2/NDF : 22.2/18

Left In: 41.702+/-40.732 χ^2/NDF : 6.3/4

Left: 62.281+/-27.913 χ^2/NDF : 10.4/10

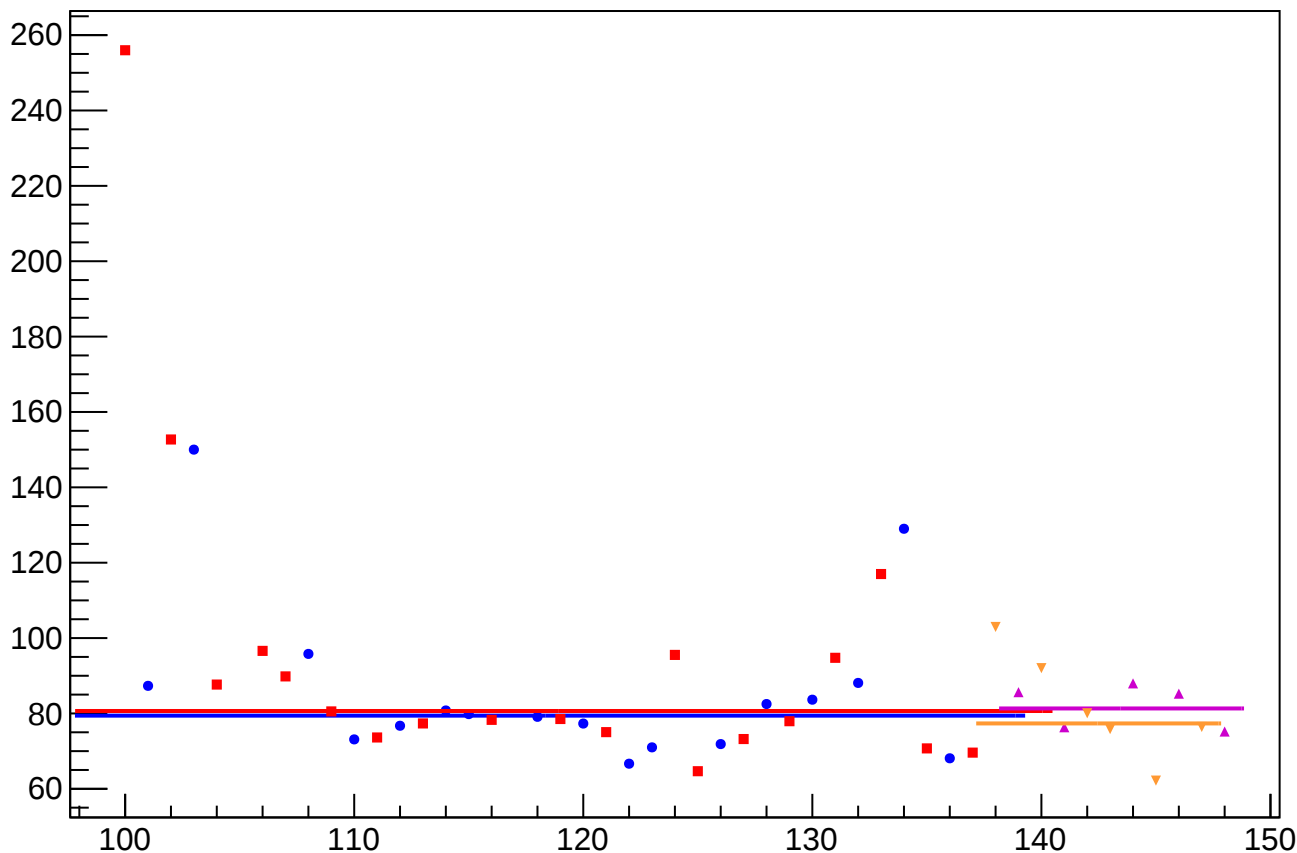
Right: 46.211+/-22.250 χ^2/NDF : 38.2/35

In: 39.092+/-24.898 χ^2/NDF : 22.1/21

Out: 65.207+/-24.323 χ^2/NDF : 26.0/24

All: 52.455+/-17.399 χ^2/NDF : 48.8/46

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 77.350+/-0.027 χ^2/NDF : 216462.0/5

Right Out: 80.652+/-0.022 χ^2/NDF : 520439.8/18

Left In: 81.324+/-0.029 χ^2/NDF : 34276.4/4

Left: 79.216+/-0.020 χ^2/NDF : 260833.7/10

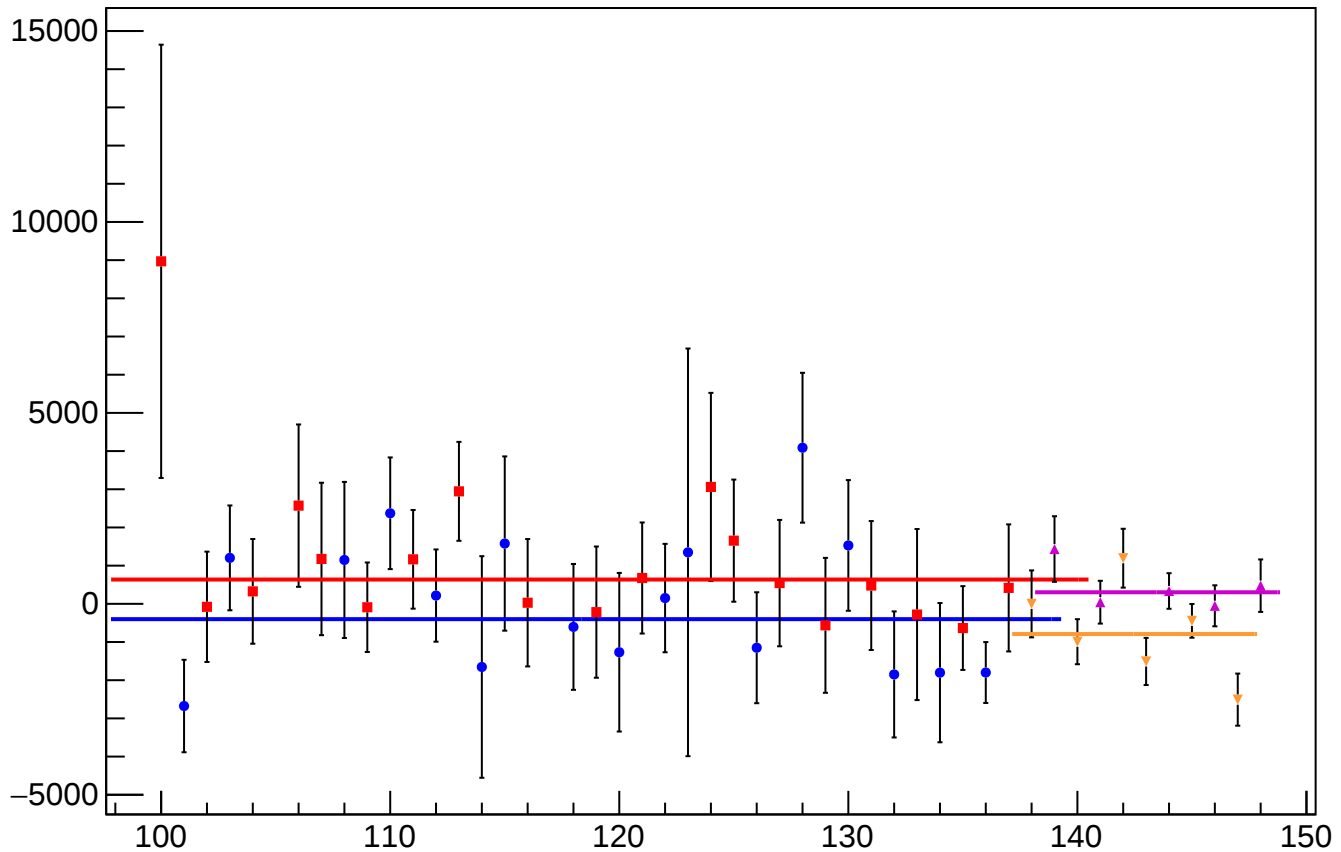
Right: 80.036+/-0.016 χ^2/NDF : 961016.5/35

In: 80.132+/-0.018 χ^2/NDF : 476056.7/21

Out: 79.322+/-0.017 χ^2/NDF : 745766.1/24

All: 79.718+/-0.012 χ^2/NDF : 1222905.6/46

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -791.344 $\pm$ 251.898 χ^2 /NDF:15.9/5

Right Out: 636.133 $\pm$ 362.923 χ^2 /NDF: 10.8/18

Left In: 302.570 $\pm$ 260.540 χ^2 /NDF:2.5/4

Left: -262.832 $\pm$ 181.097 χ^2 /NDF: 27.4/10

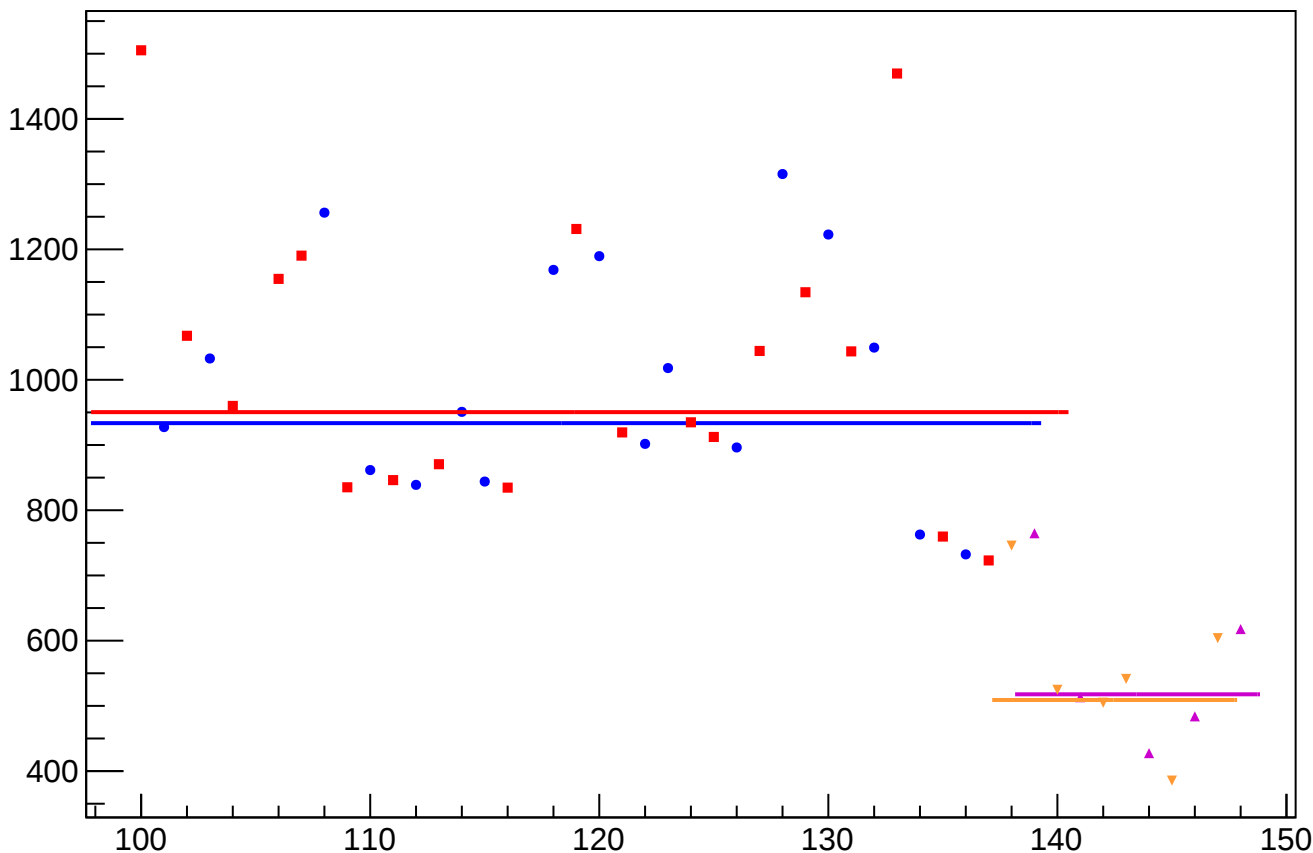
Right: 125.423 $\pm$ 258.567 χ^2 /NDF: 36.8/35

In: 68.048 $\pm$ 212.734 χ^2 /NDF:26.8/21

Out: -327.241 $\pm$ 206.936 χ^2 /NDF:37.1/24

All: -135.057 $\pm$ 148.333 χ^2 /NDF: 65.7/46

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 509.047+/-0.178 χ^2/NDF : 348074.5/5

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 517.765+/-0.184 χ^2/NDF : 290686.0/4

Left: 513.259+/-0.128 χ^2/NDF : 639918.1/10

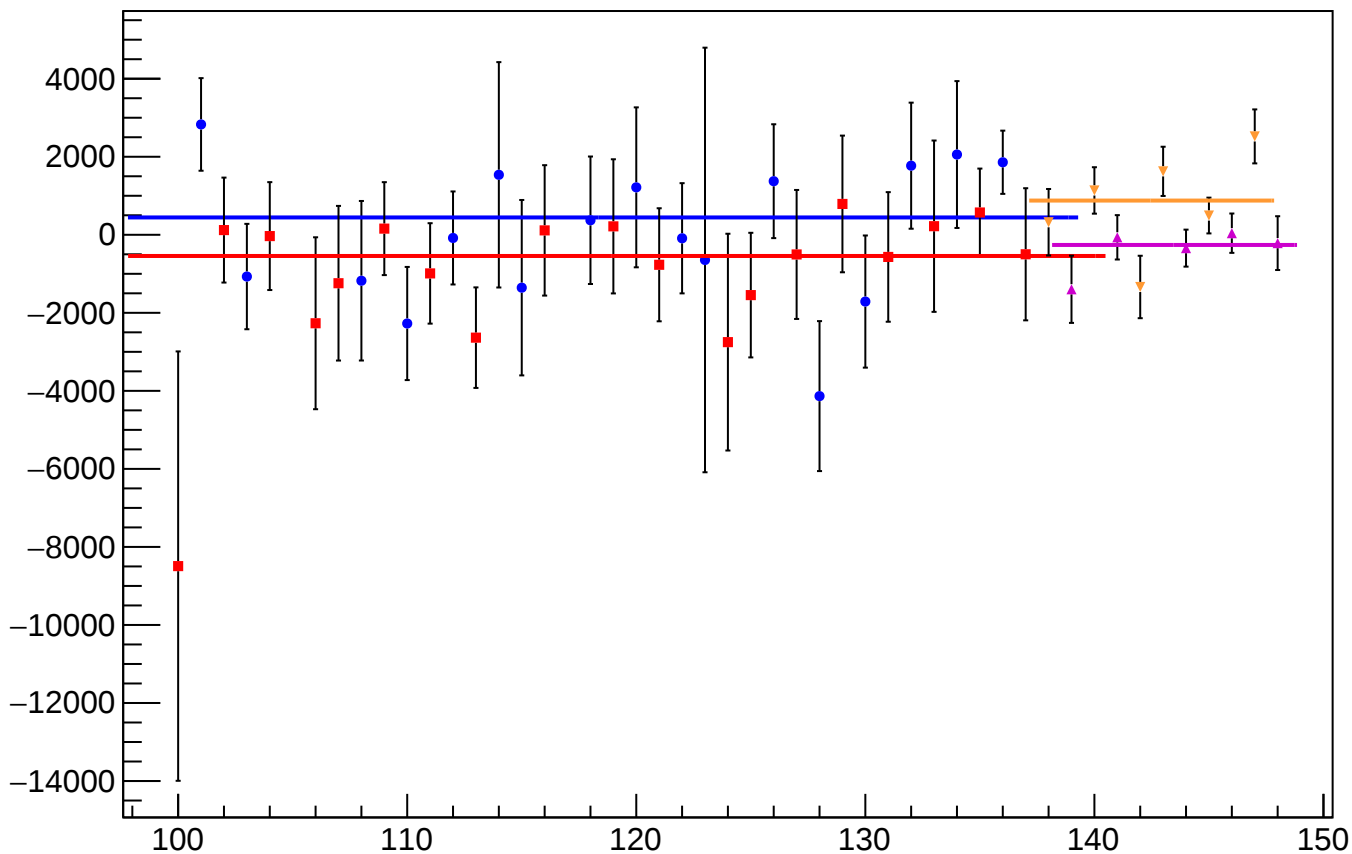
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 656.344+/-0.150 χ^2/NDF : 2430557.6/21

Out: 652.544+/-0.146 χ^2/NDF : 2768717.9/24

All: 654.391+/-0.105 χ^2/NDF : 5199603.3/46

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 877.290 $\pm$ 257.142 χ^2 /NDF:16.0/5

Right Out: -543.026 $\pm$ 363.317 χ^2 /NDF: 9.4/18

Left In: -260.579 $\pm$ 258.833 χ^2 /NDF:2.2/4

Left: 312.086 $\pm$ 182.422 χ^2 /NDF: 28.0/10

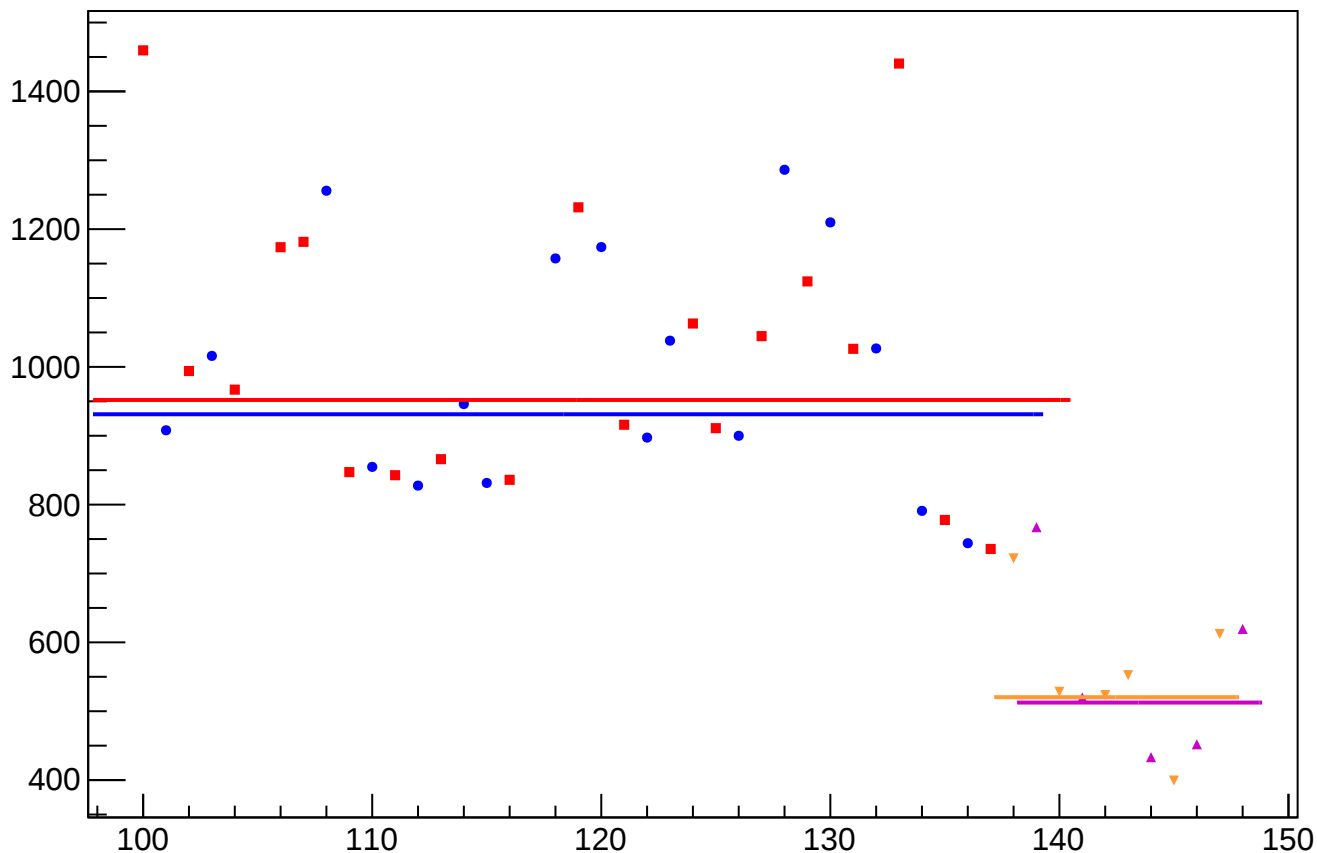
Right: -54.292 $\pm$ 258.231 χ^2 /NDF: 36.0/35

In: -26.396 $\pm$ 211.538 χ^2 /NDF:27.6/21

Out: 403.268 $\pm$ 209.891 χ^2 /NDF:35.6/24

All: 190.116 $\pm$ 148.994 χ^2 /NDF: 65.3/46

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 520.391 $\pm$ 0.182 χ^2 /NDF: 292007.2/5

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 512.590 $\pm$ 0.183 χ^2 /NDF: 307861.5/4

Left: 516.516 $\pm$ 0.129 χ^2 /NDF: 600783.0/10

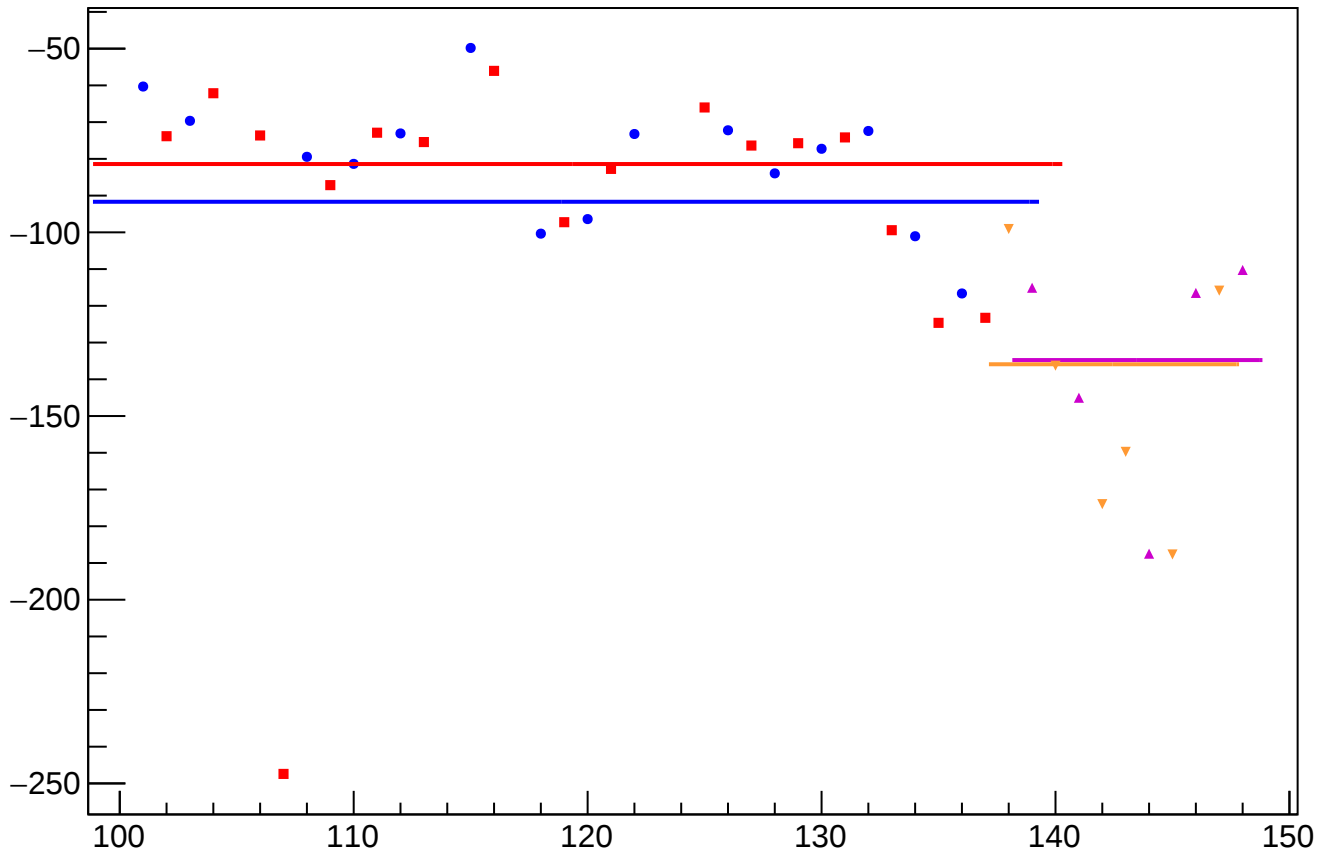
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 651.593 $\pm$ 0.150 χ^2 /NDF: 2445216.1/21

Out: 664.425 $\pm$ 0.148 χ^2 /NDF: 2554864.2/24

All: 658.060 $\pm$ 0.105 χ^2 /NDF: 5003788.8/46

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -135.907 ± 0.197 $\chi^2/\text{NDF}: 12415.1/5$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -134.764 ± 0.128 $\chi^2/\text{NDF}: 25163.6/4$

Left: -135.101 ± 0.107 $\chi^2/\text{NDF}: 37602.3/10$

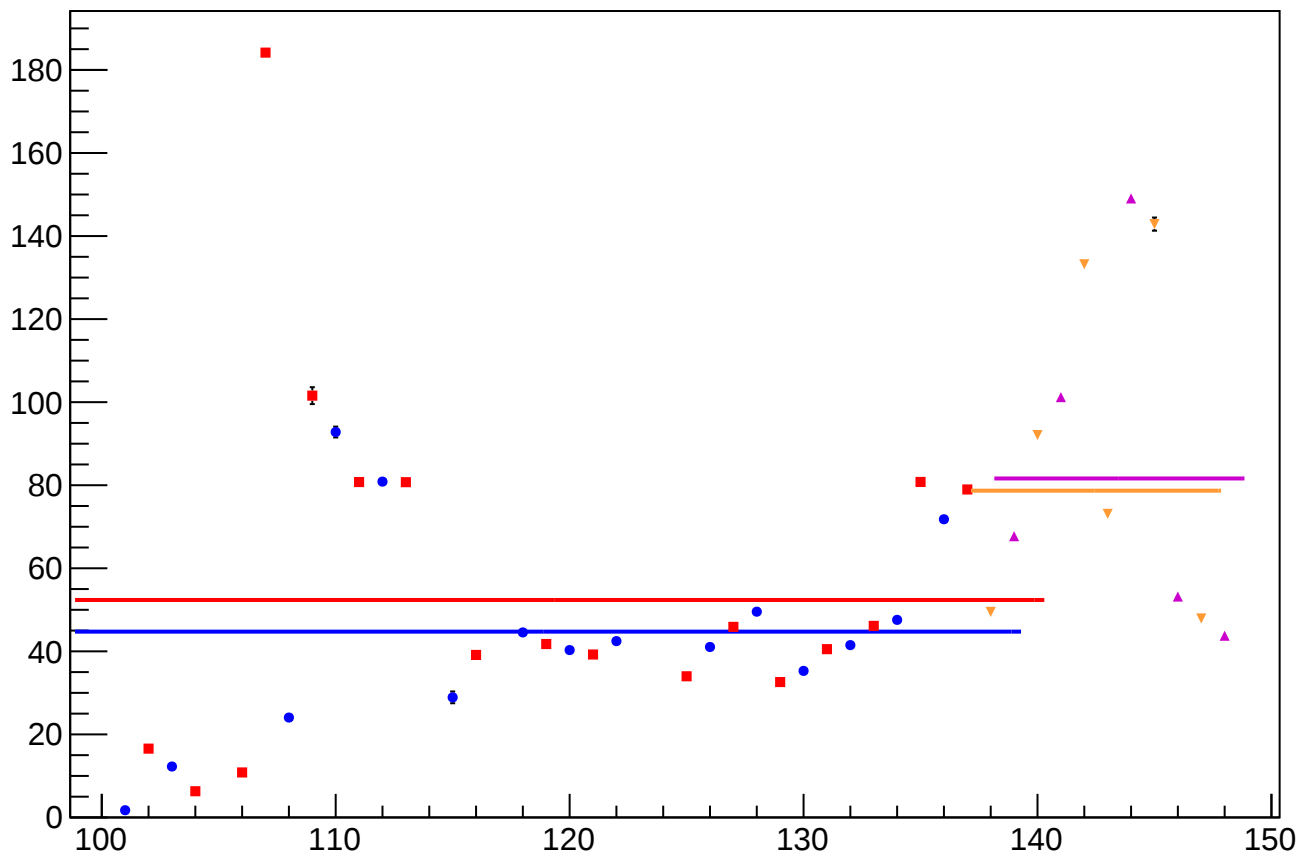
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -101.681 ± 0.061 $\chi^2/\text{NDF}: 177395.5/19$

Out: -92.275 ± 0.088 $\chi^2/\text{NDF}: 115221.1/22$

All: -98.602 ± 0.050 $\chi^2/\text{NDF}: 300283.3/42$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 78.687 $\pm$ 0.201 χ^2/NDF :20438.7/5

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 81.626 $\pm$ 0.126 χ^2/NDF :53695.1/4

Left: 80.802 $\pm$ 0.107 χ^2/NDF : 74287.5/10

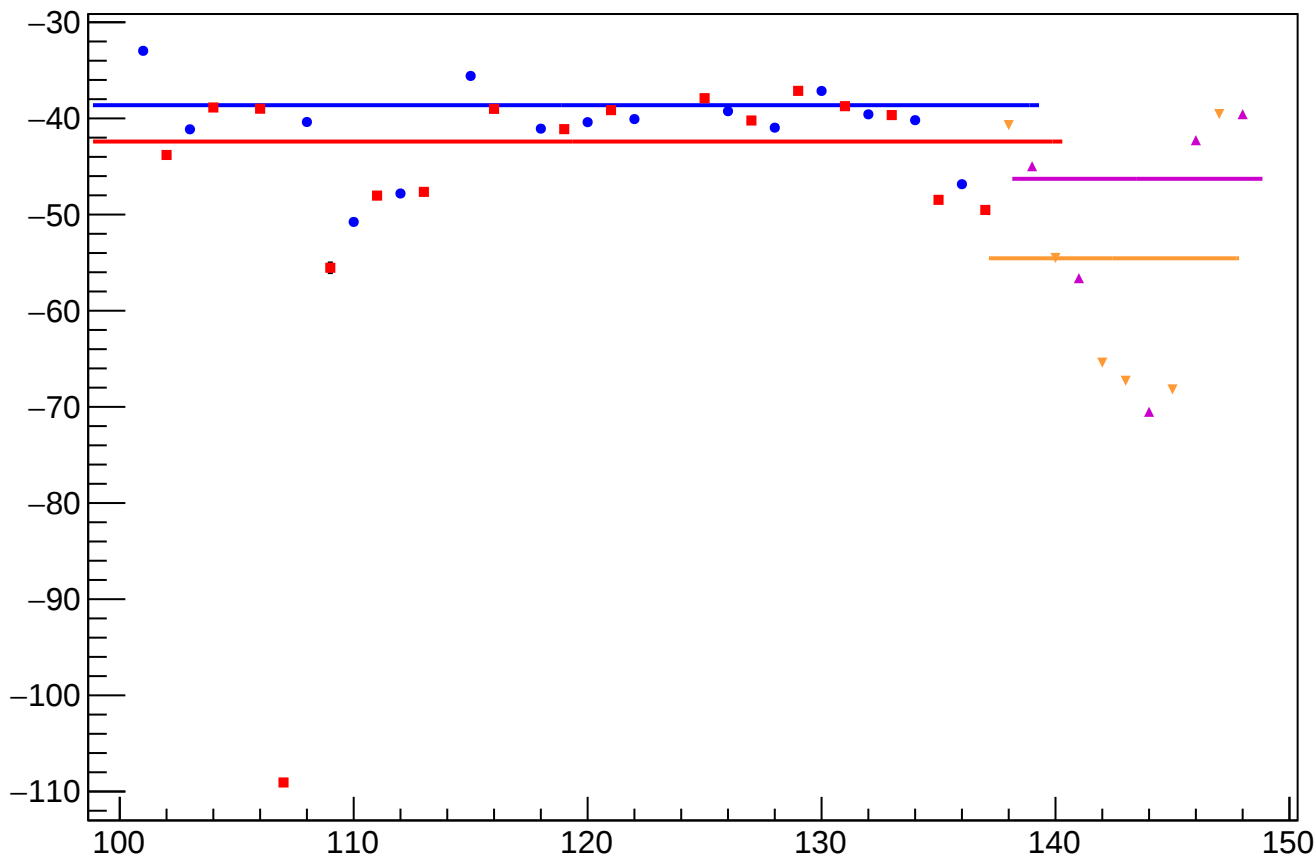
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 51.706 $\pm$ 0.055 χ^2/NDF :208372.5/19

Out: 58.645 $\pm$ 0.098 χ^2/NDF :102765.7/22

All: 53.342 $\pm$ 0.048 χ^2/NDF : 314952.4/42

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -54.548+/-0.043 χ^2/NDF : 71751.3/5

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -46.281+/-0.028 χ^2/NDF : 95223.5/4

Left: -48.753+/-0.024 χ^2/NDF : 192722.6/10

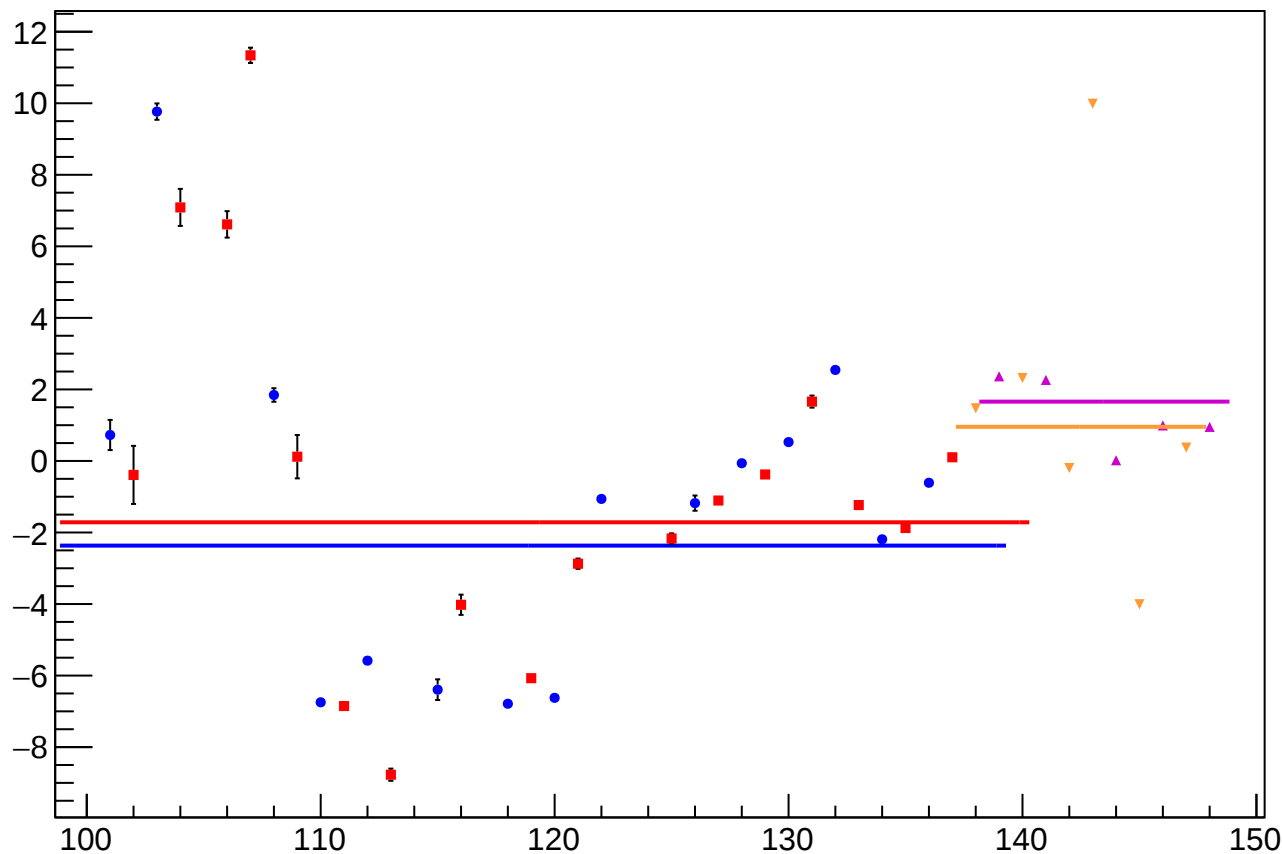
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -39.233+/-0.008 χ^2/NDF : 403342.3/19

Out: -44.784+/-0.019 χ^2/NDF : 404604.6/22

All: -40.050+/-0.007 χ^2/NDF : 880069.5/42

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 0.955 ± 0.020 $\chi^2/\text{NDF}: 10090.6/5$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 1.659 ± 0.016 $\chi^2/\text{NDF}: 1999.3/4$

Left: 1.377 ± 0.013 $\chi^2/\text{NDF}: 12851.1/10$

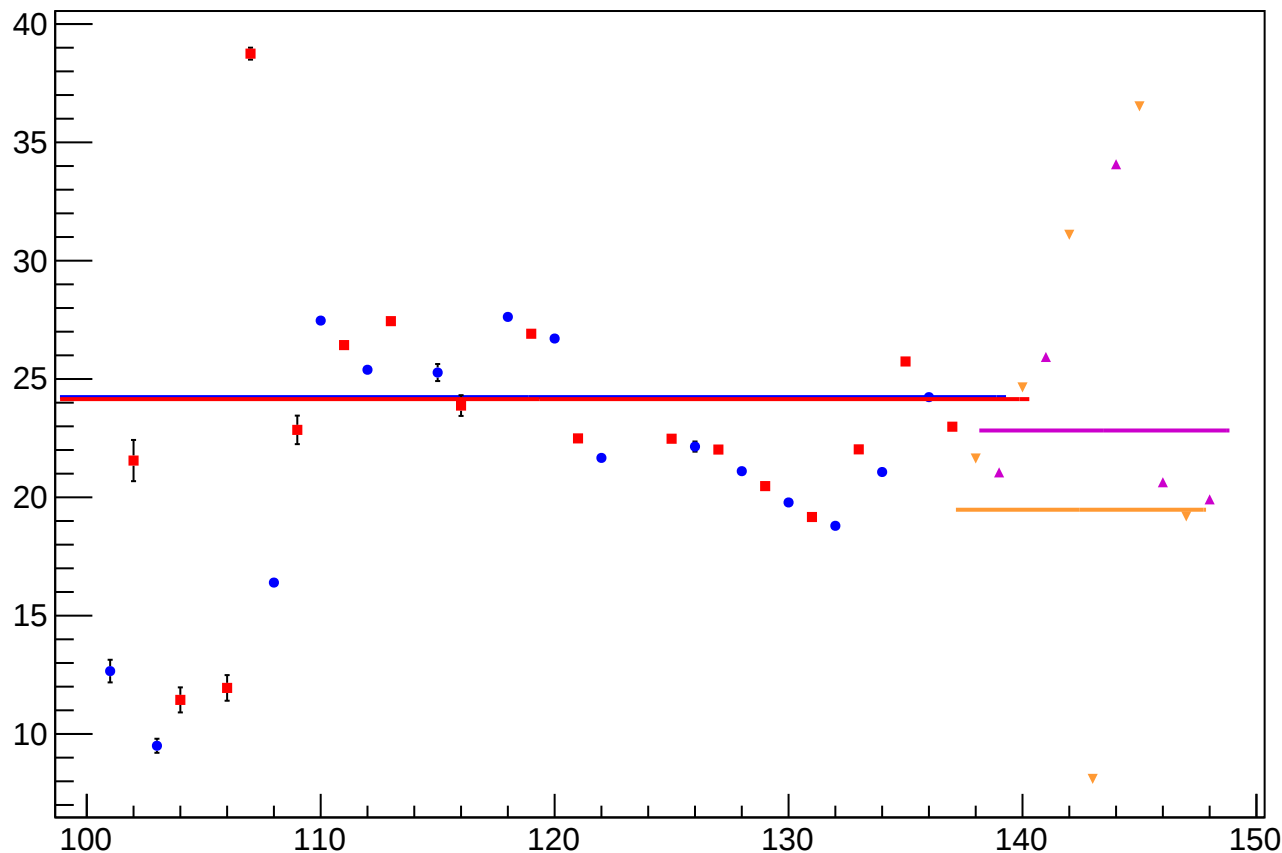
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: -0.629 ± 0.011 $\chi^2/\text{NDF}: 66109.5/19$

Out: 0.024 ± 0.016 $\chi^2/\text{NDF}: 29181.5/22$

All: -0.429 ± 0.009 $\chi^2/\text{NDF}: 96455.2/42$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 19.476+/-0.031 χ^2/NDF : 37991.5/5

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 22.824+/-0.025 χ^2/NDF : 18402.5/4

Left: 21.478+/-0.019 χ^2/NDF : 63527.0/10

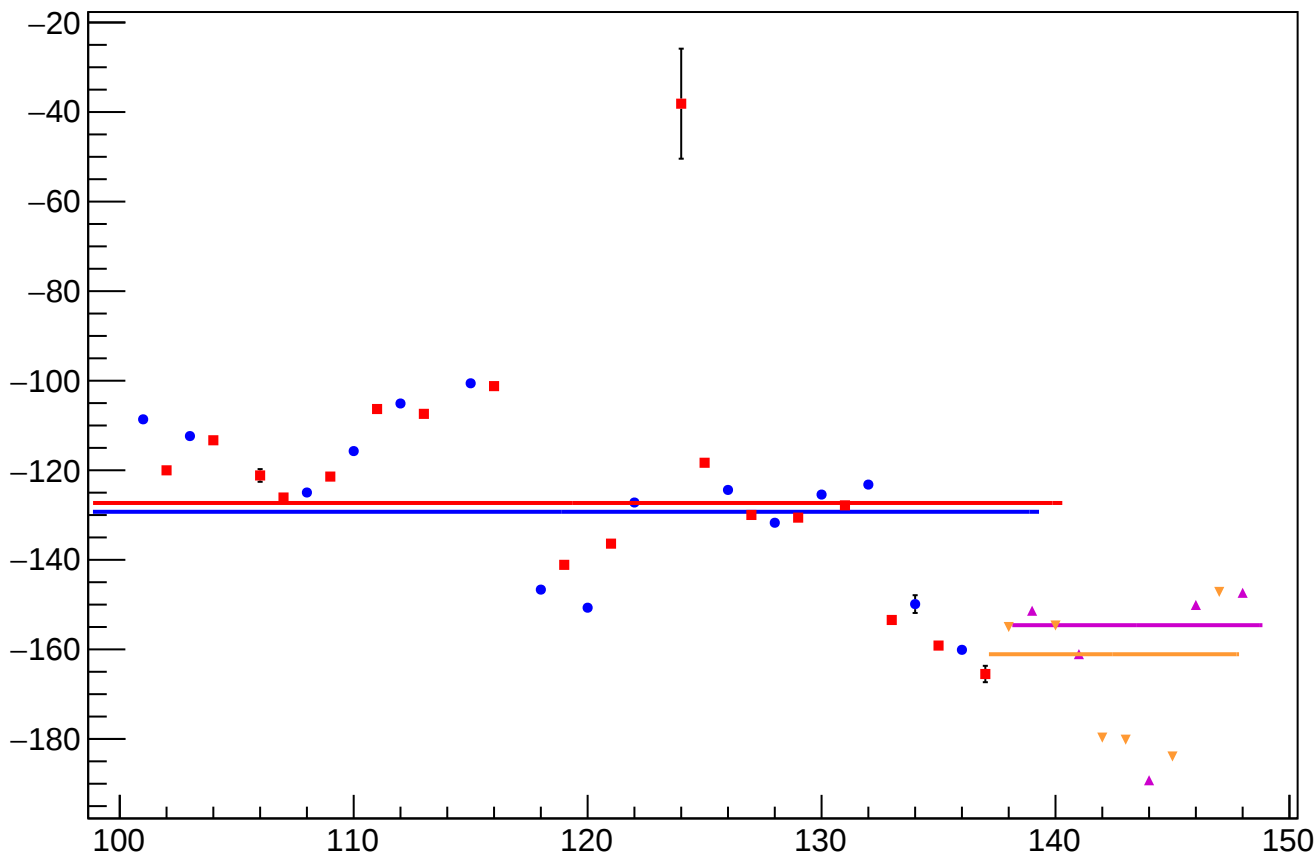
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 23.623+/-0.017 χ^2/NDF : 42081.2/19

Out: 22.340+/-0.019 χ^2/NDF : 65457.9/22

All: 23.071+/-0.013 χ^2/NDF : 110115.6/42

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -161.082+/-0.117 χ^2/NDF :13681.4/5

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -154.595+/-0.097 χ^2/NDF :13315.2/4

Left: -157.244+/-0.075 χ^2/NDF : 28813.1/10

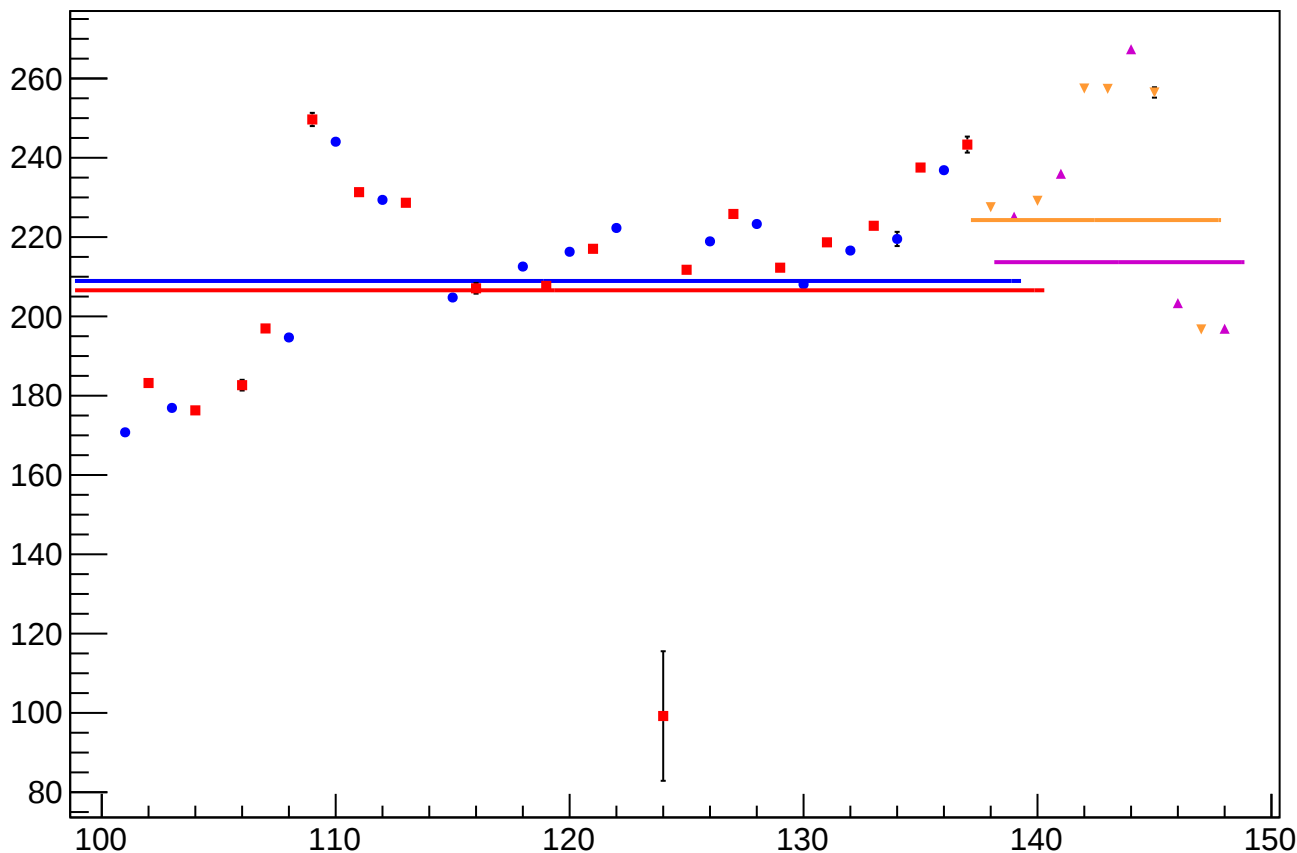
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -140.638+/-0.065 χ^2/NDF :85782.0/19

Out: -138.839+/-0.068 χ^2/NDF :98091.7/23

All: -139.782+/-0.047 χ^2/NDF : 184236.2/43

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 224.291 $\pm$ 0.109 χ^2 /NDF: 51026.5/5

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 213.677 $\pm$ 0.091 χ^2 /NDF: 48827.4/4

Left: 218.037 $\pm$ 0.070 χ^2 /NDF: 105423.2/10

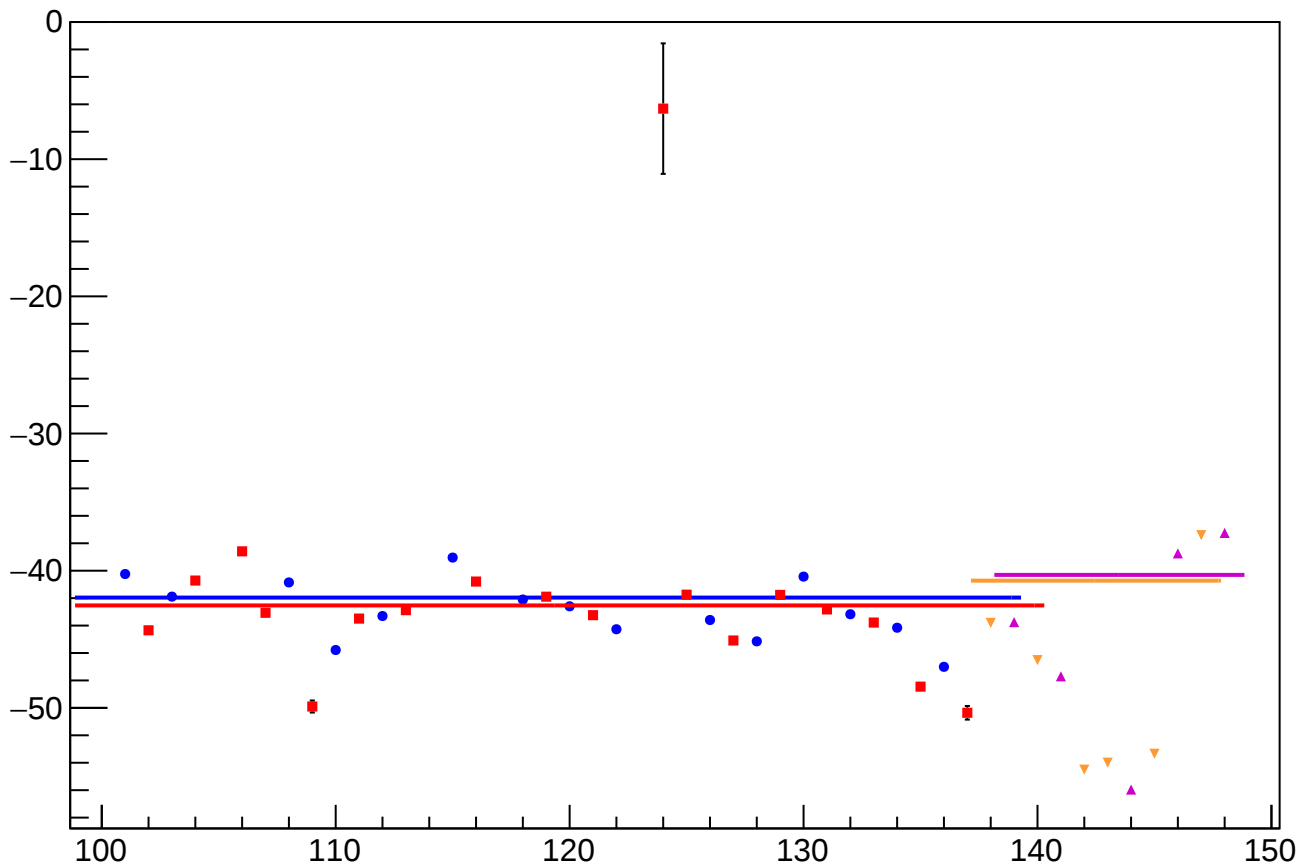
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 211.254 $\pm$ 0.064 χ^2 /NDF: 94894.9/19

Out: 213.086 $\pm$ 0.066 χ^2 /NDF: 115886.0/23

All: 212.136 $\pm$ 0.046 χ^2 /NDF: 211178.6/43

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -40.724 ± 0.014 χ^2/NDF : 151632.6/5

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -40.306 ± 0.014 χ^2/NDF : 91961.3/4

Left: -40.512 ± 0.010 χ^2/NDF : 244049.2/10

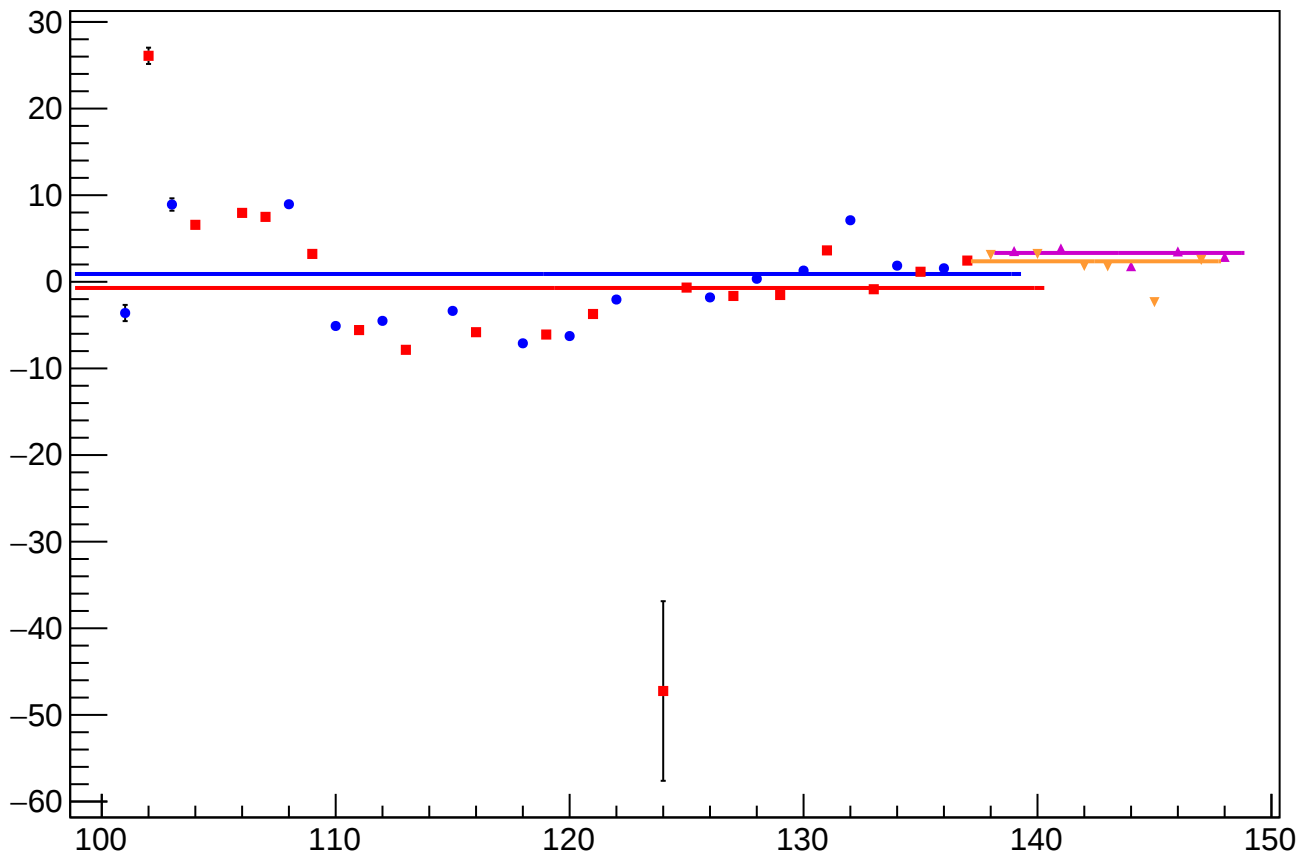
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -41.030 ± 0.010 χ^2/NDF : 122505.6/19

Out: -41.293 ± 0.012 χ^2/NDF : 163019.6/23

All: -41.146 ± 0.008 χ^2/NDF : 285813.2/43

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 2.368 ± 0.019 $\chi^2/\text{NDF}: 5107.4/5$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.333 ± 0.016 $\chi^2/\text{NDF}: 1260.1/4$

Left: 2.939 ± 0.012 $\chi^2/\text{NDF}: 7882.9/10$

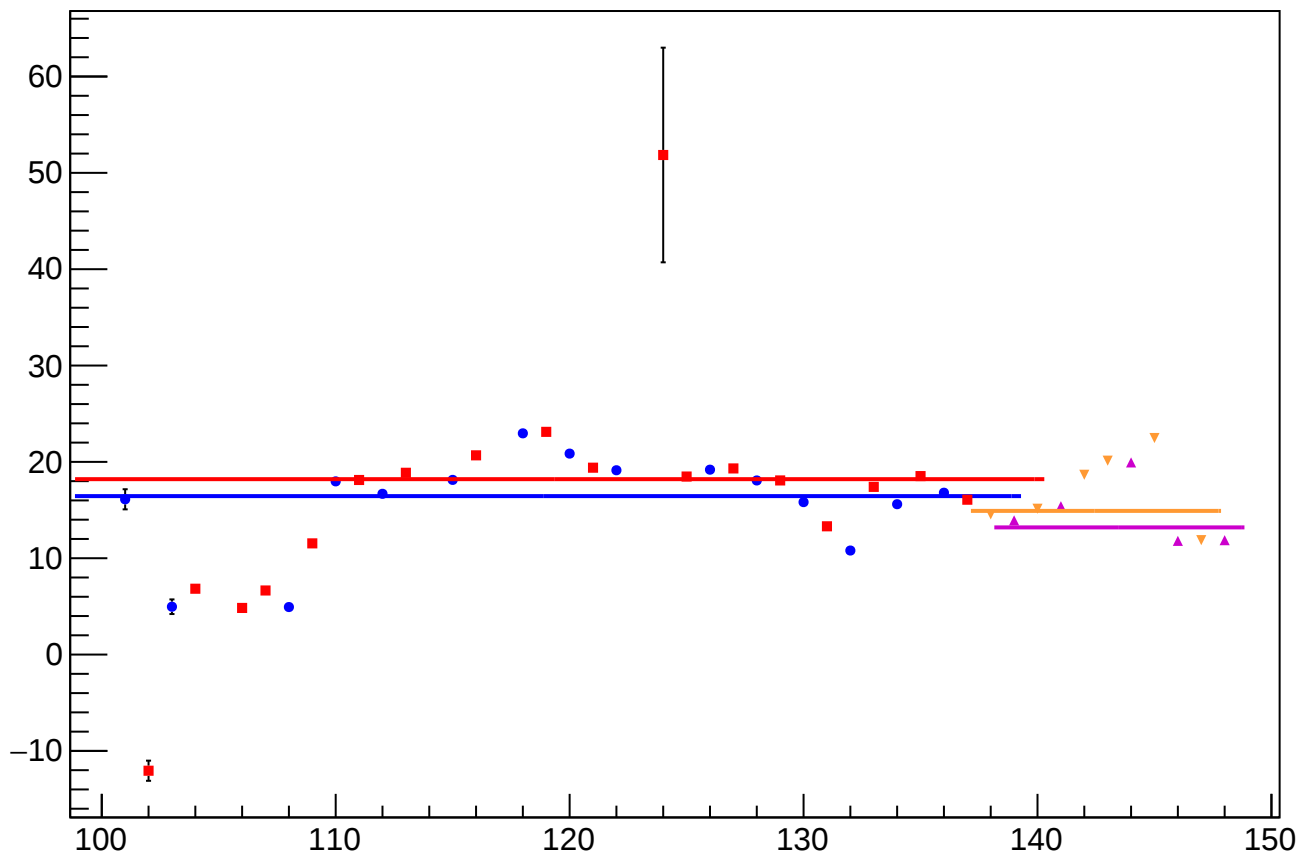
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.399 ± 0.012 $\chi^2/\text{NDF}: 31446.2/19$

Out: 1.194 ± 0.015 $\chi^2/\text{NDF}: 45765.1/23$

All: 1.909 ± 0.010 $\chi^2/\text{NDF}: 81034.7/43$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 14.913 $\pm$ 0.020 χ^2 /NDF:29275.3/5

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 13.200 $\pm$ 0.019 χ^2 /NDF:11557.9/4

Left: 13.995 $\pm$ 0.014 χ^2 /NDF: 44757.4/10

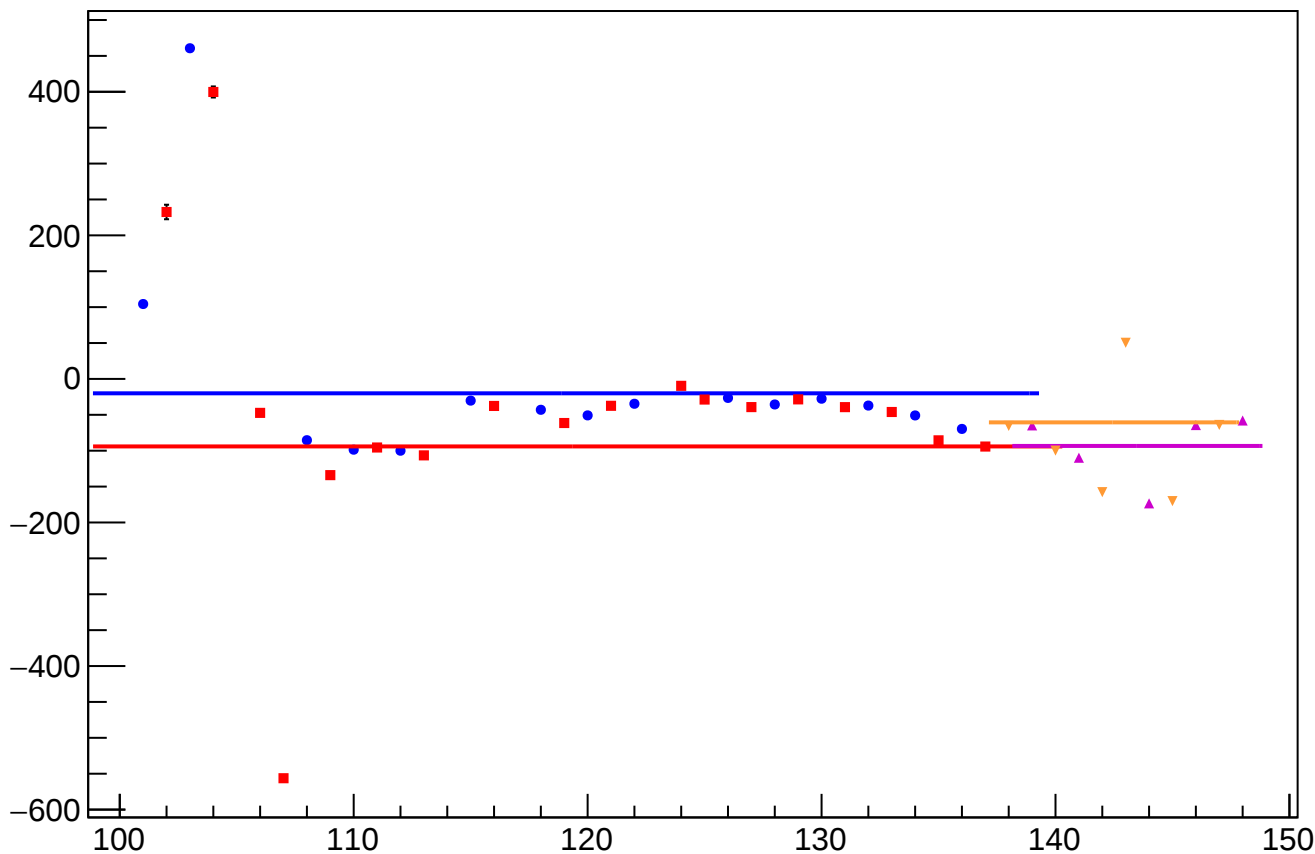
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 14.396 $\pm$ 0.015 χ^2 /NDF:36923.6/19

Out: 16.527 $\pm$ 0.014 χ^2 /NDF:70022.6/23

All: 15.499 $\pm$ 0.010 χ^2 /NDF: 117657.1/43

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -60.543 ± 0.232 $\chi^2/\text{NDF}: 42936.2/5$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -93.372 ± 0.262 $\chi^2/\text{NDF}: 23505.6/4$

Left: -74.958 ± 0.174 $\chi^2/\text{NDF}: 75218.8/10$

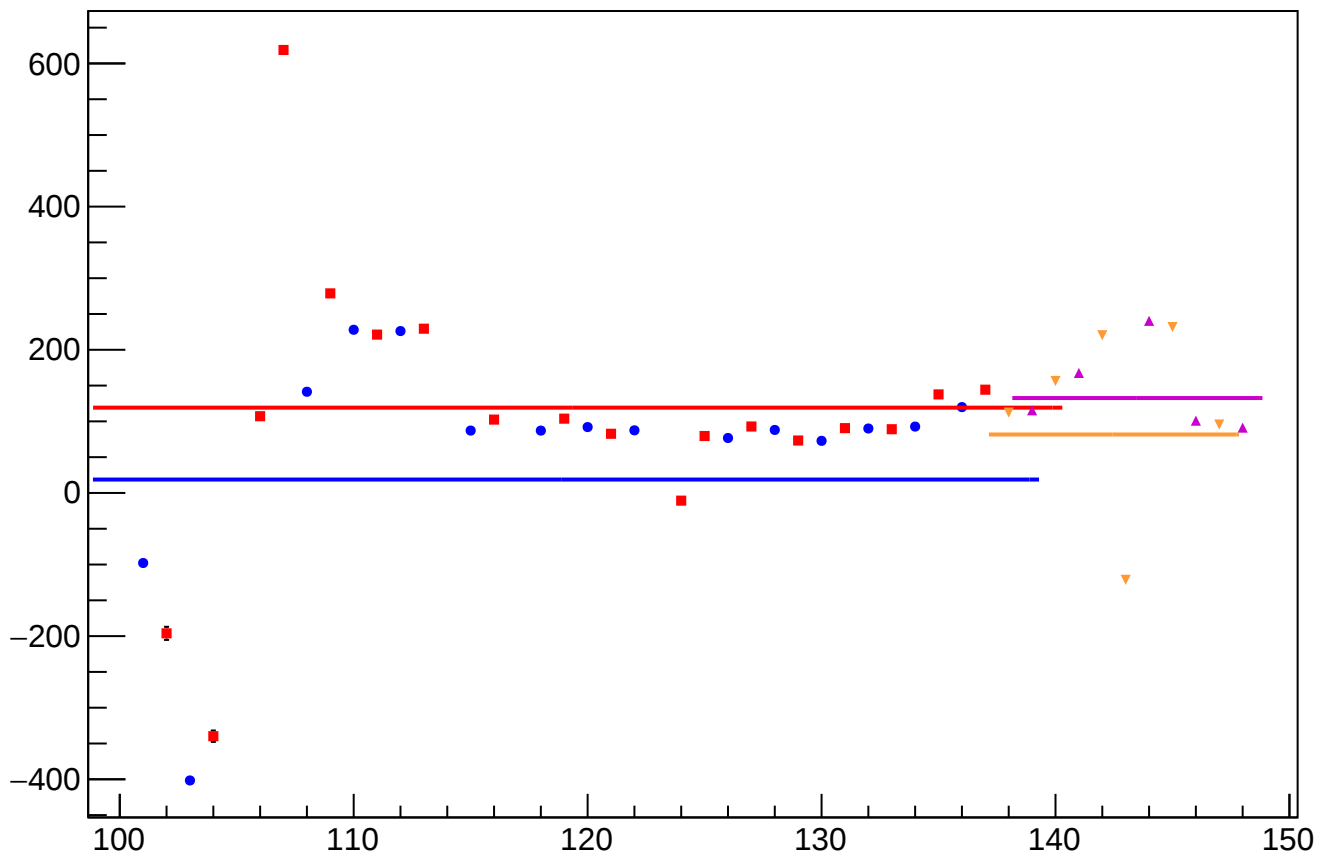
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -38.683 ± 0.132 $\chi^2/\text{NDF}: 523182.4/19$

Out: -93.954 ± 0.012 $\chi^2/\text{NDF}: 151188.0/23$

All: -93.472 ± 0.012 $\chi^2/\text{NDF}: 847454.8/43$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Left: 105.412 +/- 0.167 χ^2/NDF : 222003.3/10

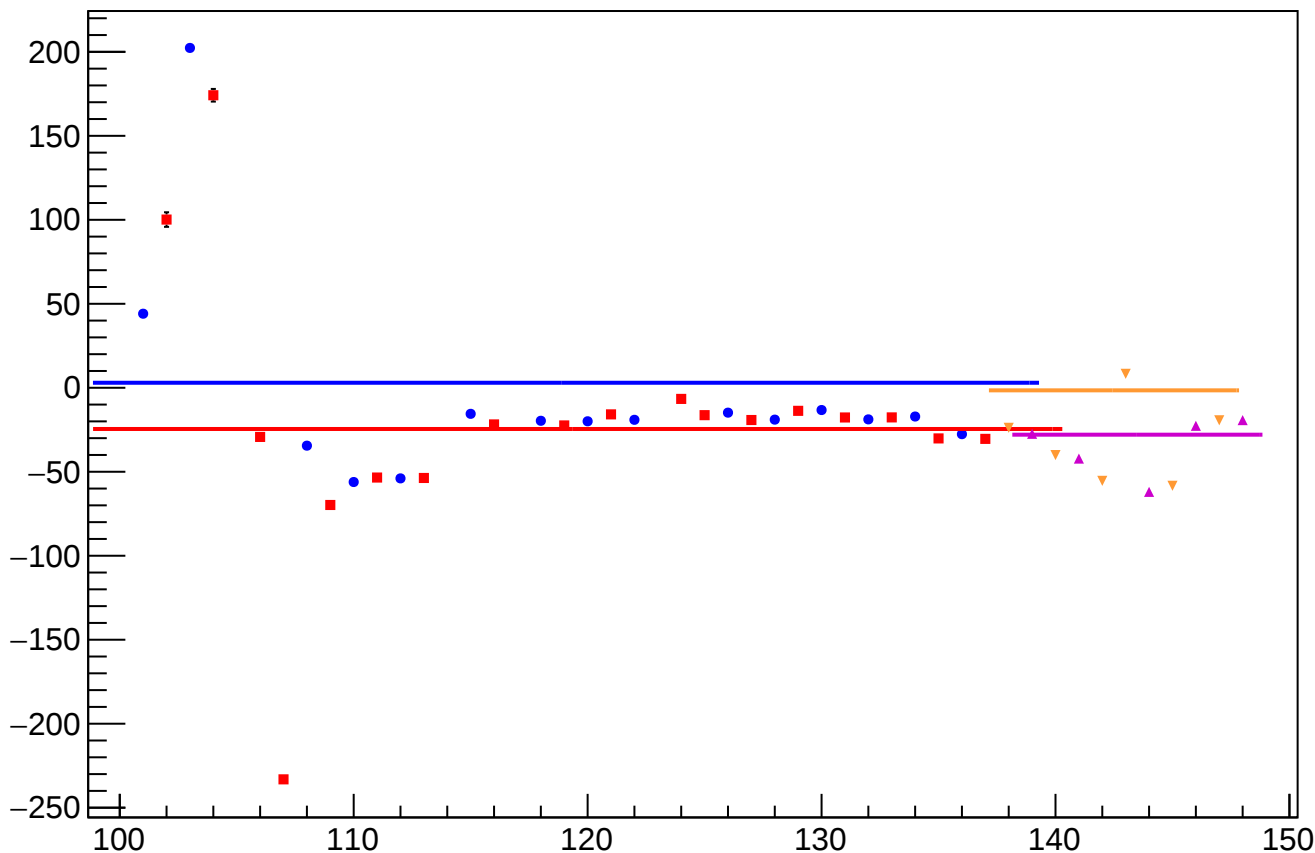
Right: 55.701 +/- 0.121 χ^2/NDF : 1349806.5/32

In: 50.547 +/- 0.129 χ^2/NDF : 1295786.5/19

Out: 102.951 +/- 0.150 χ^2/NDF : 264216.3/23

All: 72.826 +/- 0.098 χ^2/NDF : 1630062.4/43

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -1.529 ± 0.033 $\chi^2/\text{NDF}: 279984.5/5$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -27.928 ± 0.040 $\chi^2/\text{NDF}: 83861.3/4$

Left: -12.127 ± 0.025 $\chi^2/\text{NDF}: 623248.2/10$

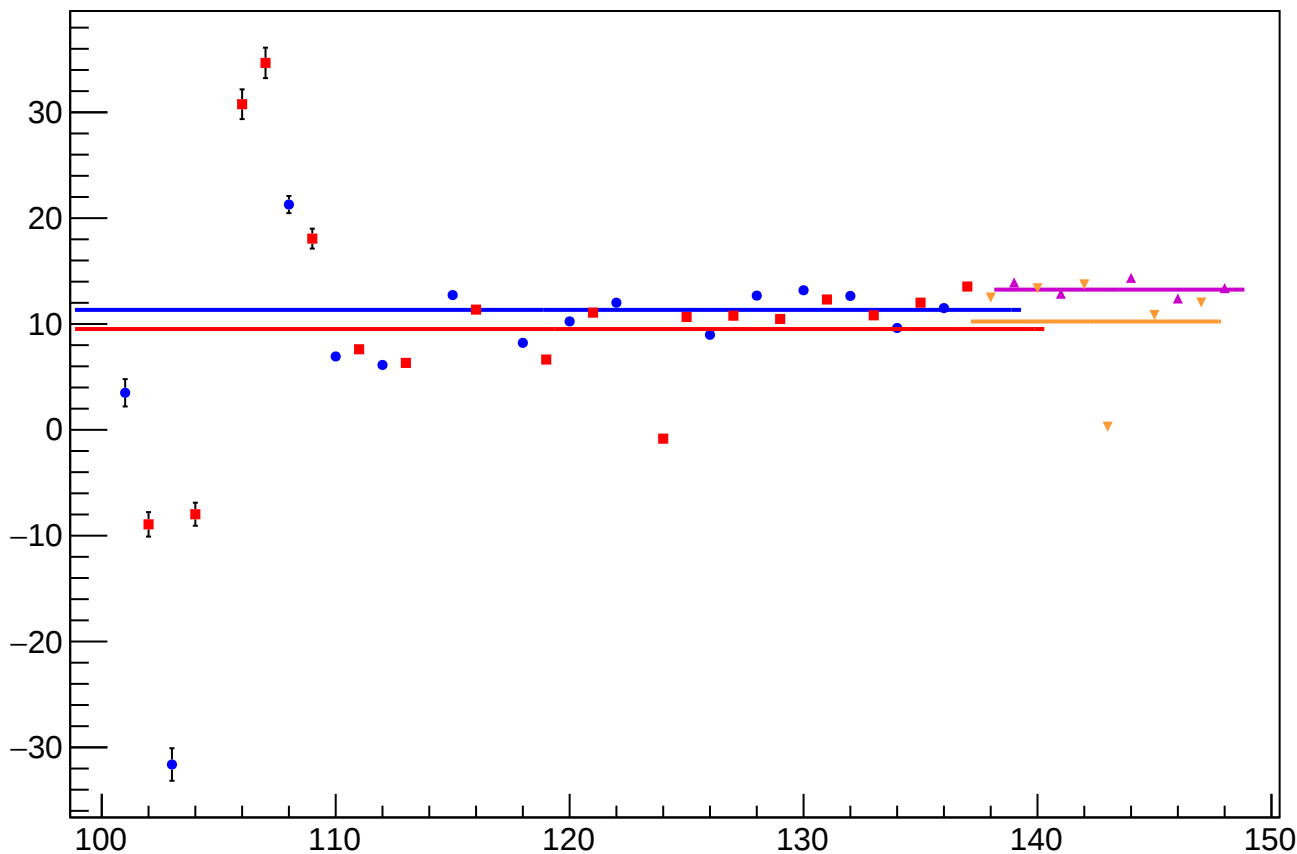
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -6.598 ± 0.022 $\chi^2/\text{NDF}: 3990744.4/19$

Out: -9.850 ± 0.026 $\chi^2/\text{NDF}: 633940.1/23$

All: -7.964 ± 0.017 $\chi^2/\text{NDF}: 4633595.4/43$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 10.236 $\pm$ 0.031 χ^2 /NDF:24533.8/5

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.248 $\pm$ 0.032 χ^2 /NDF:376.8/4

Left: 11.722 $\pm$ 0.022 χ^2 /NDF: 29498.8/10

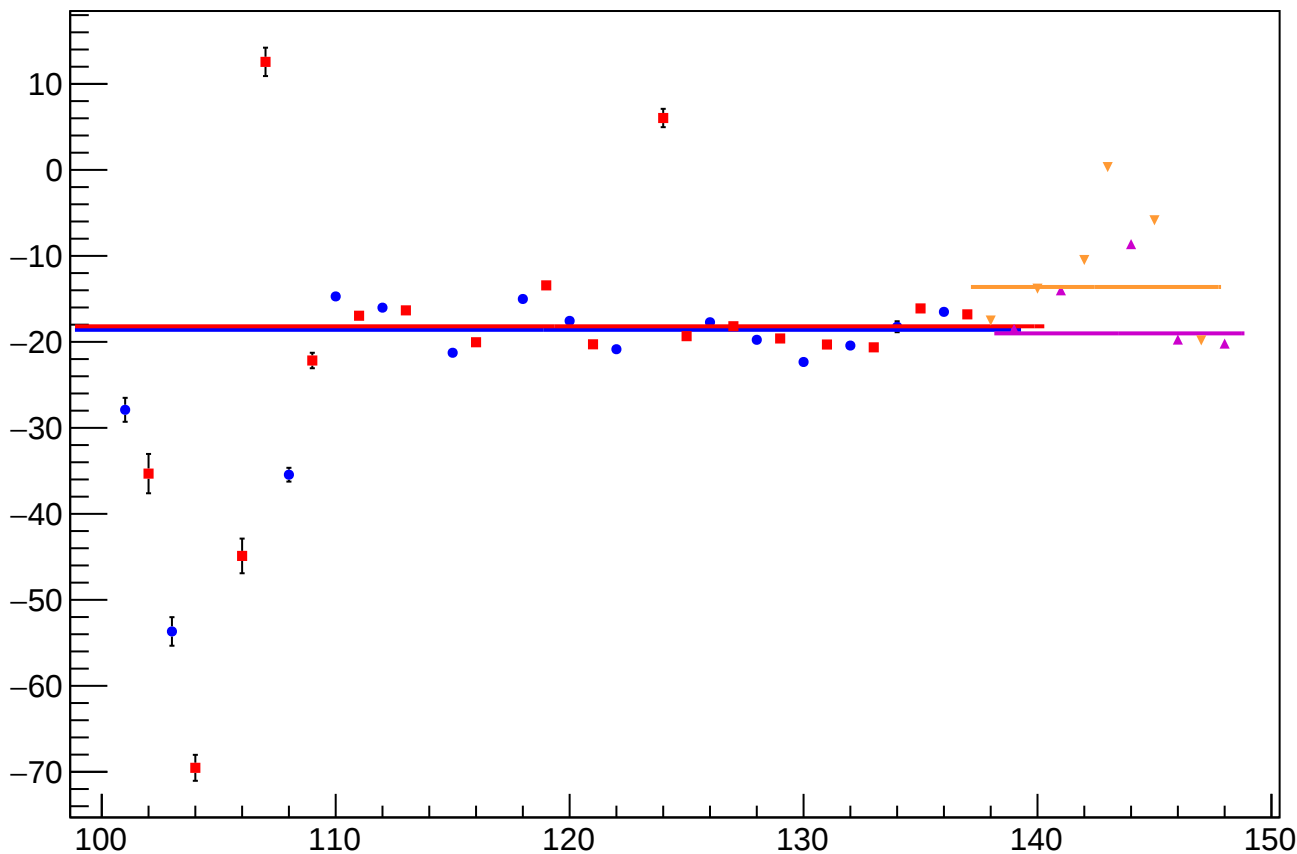
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.448 $\pm$ 0.024 χ^2 /NDF:4309.6/19

Out: 10.025 $\pm$ 0.026 χ^2 /NDF:28755.4/23

All: 11.334 $\pm$ 0.018 χ^2 /NDF: 37697.3/43

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -13.615 ± 0.040 χ^2/NDF : 30559.8/5

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -19.011 ± 0.032 χ^2/NDF : 5863.4/4

Left: -16.884 ± 0.025 χ^2/NDF : 47488.5/10

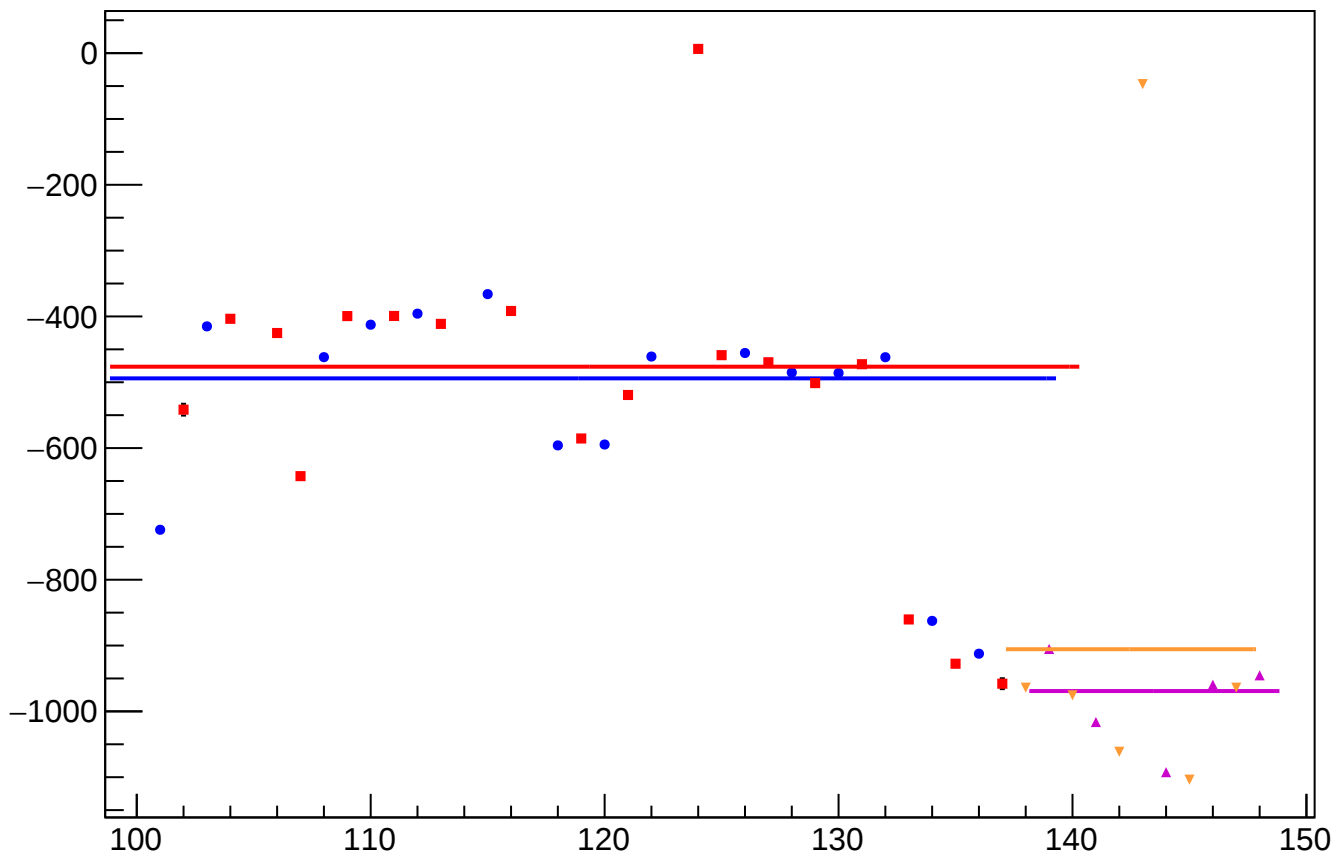
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -18.834 ± 0.024 χ^2/NDF : 12123.6/19

Out: -15.420 ± 0.031 χ^2/NDF : 40620.6/23

All: -17.535 ± 0.019 χ^2/NDF : 60223.3/43

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -905.580 $\pm$ 0.512 χ^2 /NDF:291501.0/5

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -969.138 $\pm$ 0.426 χ^2 /NDF:15365.5/4

Left: -943.099 $\pm$ 0.328 χ^2 /NDF: 315965.6/10

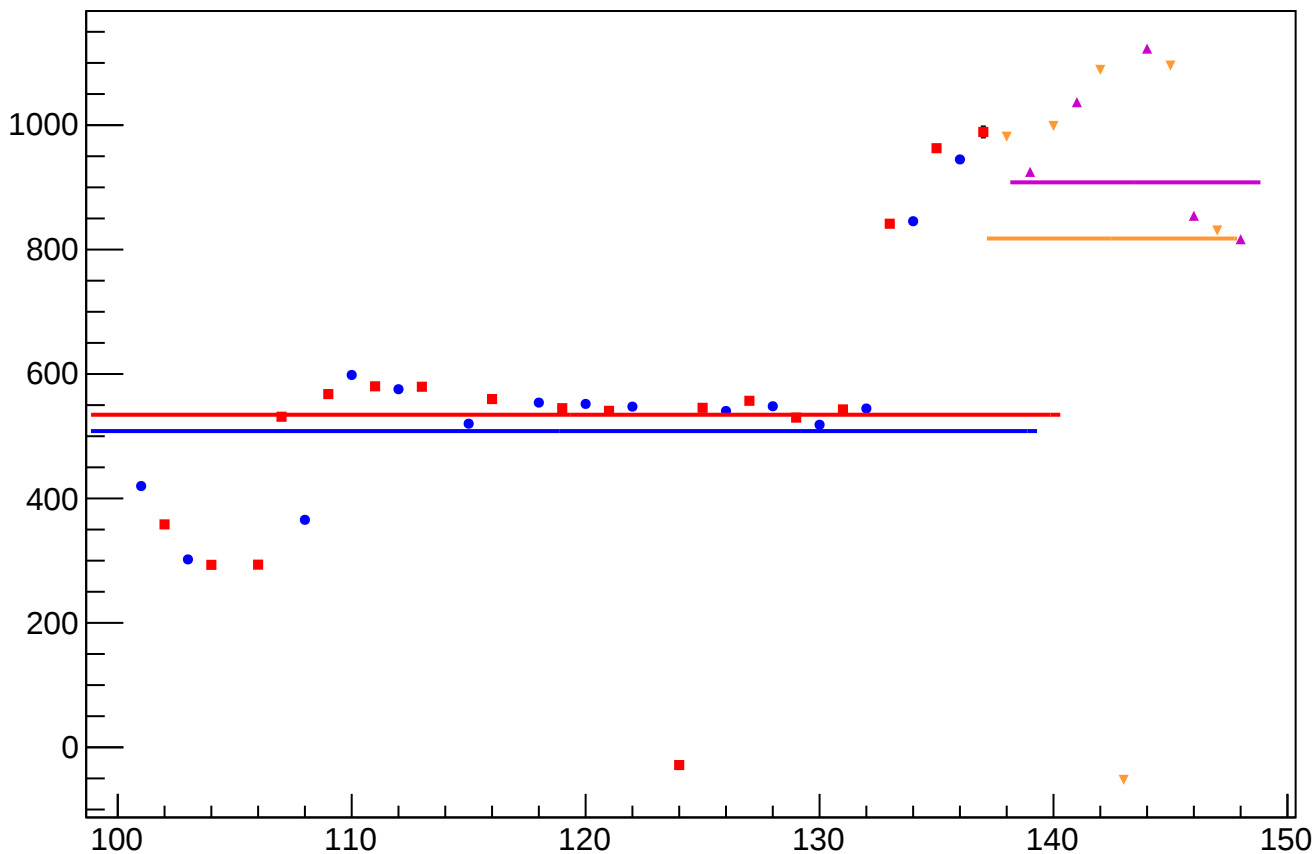
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -602.631 $\pm$ 0.204 χ^2 /NDF:1298629.4/19

Out: -525.988 $\pm$ 0.174 χ^2 /NDF:1507310.6/23

All: -558.310 $\pm$ 0.132 χ^2 /NDF: 2887674.7/43

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 817.769+/-0.506 χ^2/NDF : 401517.8/5

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 908.071+/-0.415 χ^2/NDF : 61202.0/4

Left: 871.718+/-0.321 χ^2/NDF : 481757.4/10

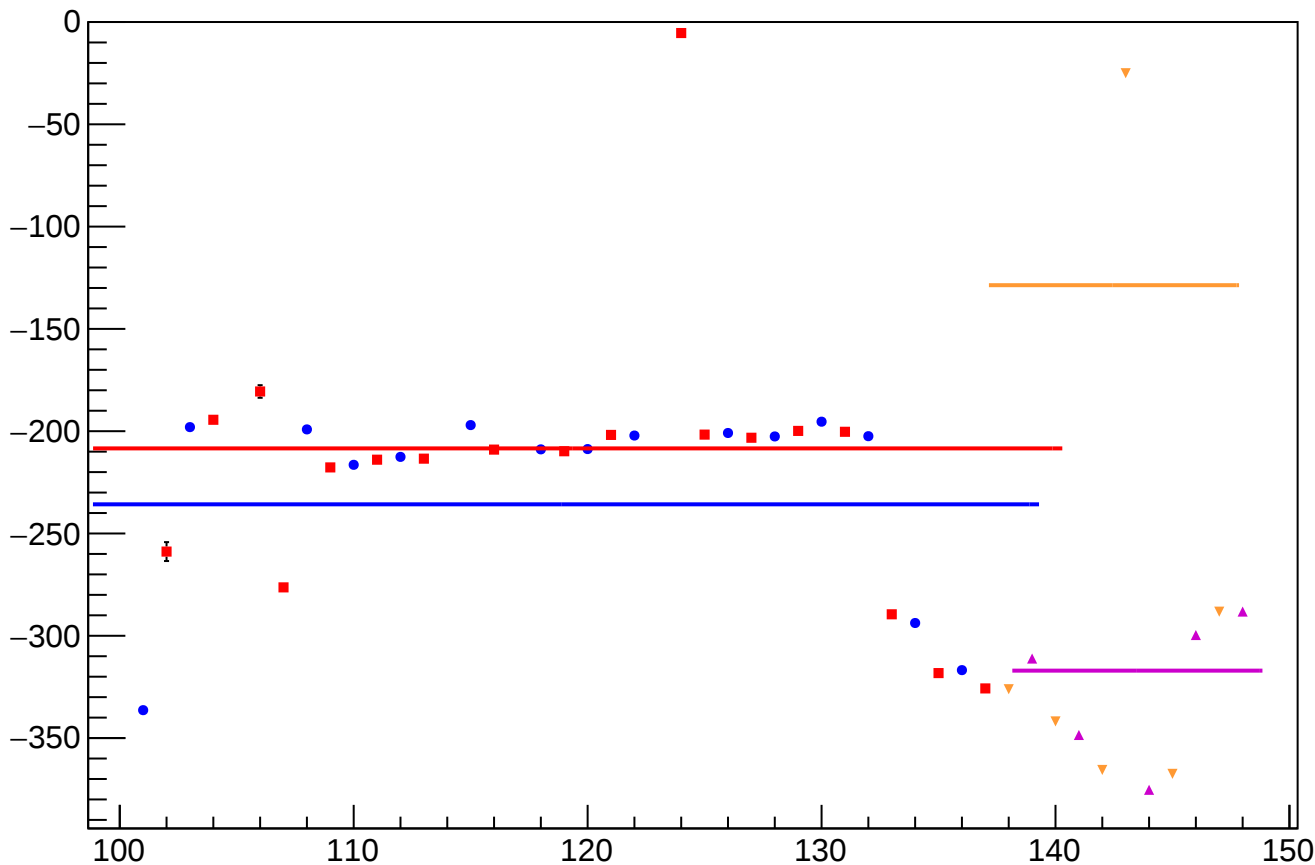
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 596.929+/-0.196 χ^2/NDF : 1222085.3/19

Out: 578.615+/-0.200 χ^2/NDF : 1034479.7/23

All: 587.958+/-0.140 χ^2/NDF : 2260861.7/43

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -128.638+/-0.084 χ^2/NDF : 2886080.1/5

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -317.039+/-0.077 χ^2/NDF : 142150.5/4

Left: -230.451+/-0.057 χ^2/NDF : 5757107.8/10

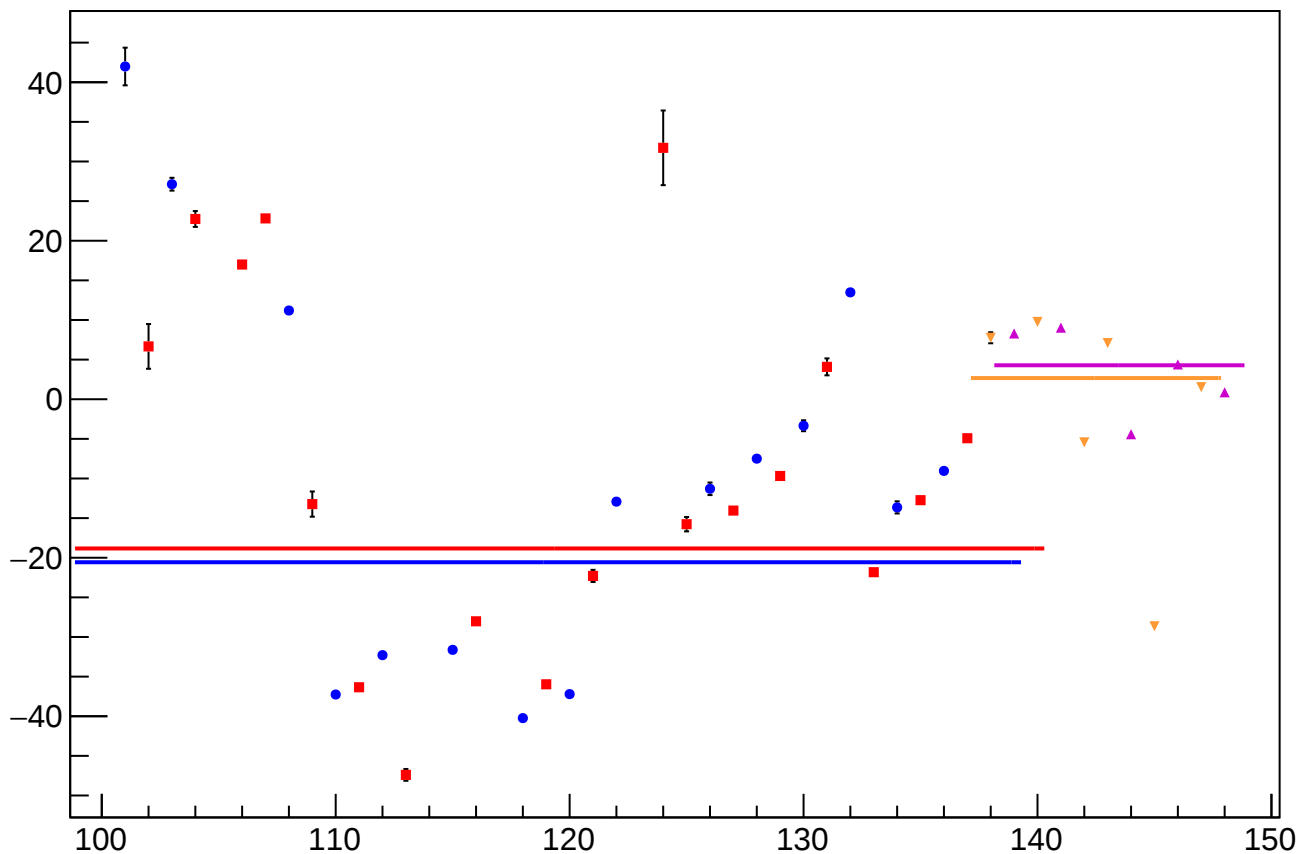
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -263.209+/-0.045 χ^2/NDF : 1750358.4/19

Out: -189.494+/-0.041 χ^2/NDF : 3951761.1/23

All: -222.827+/-0.030 χ^2/NDF : 7176165.8/43

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 2.673 ± 0.058 χ^2/NDF : 7195.0/5

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 4.285 ± 0.057 χ^2/NDF : 4564.4/4

Left: 3.495 ± 0.040 χ^2/NDF : 12156.8/10

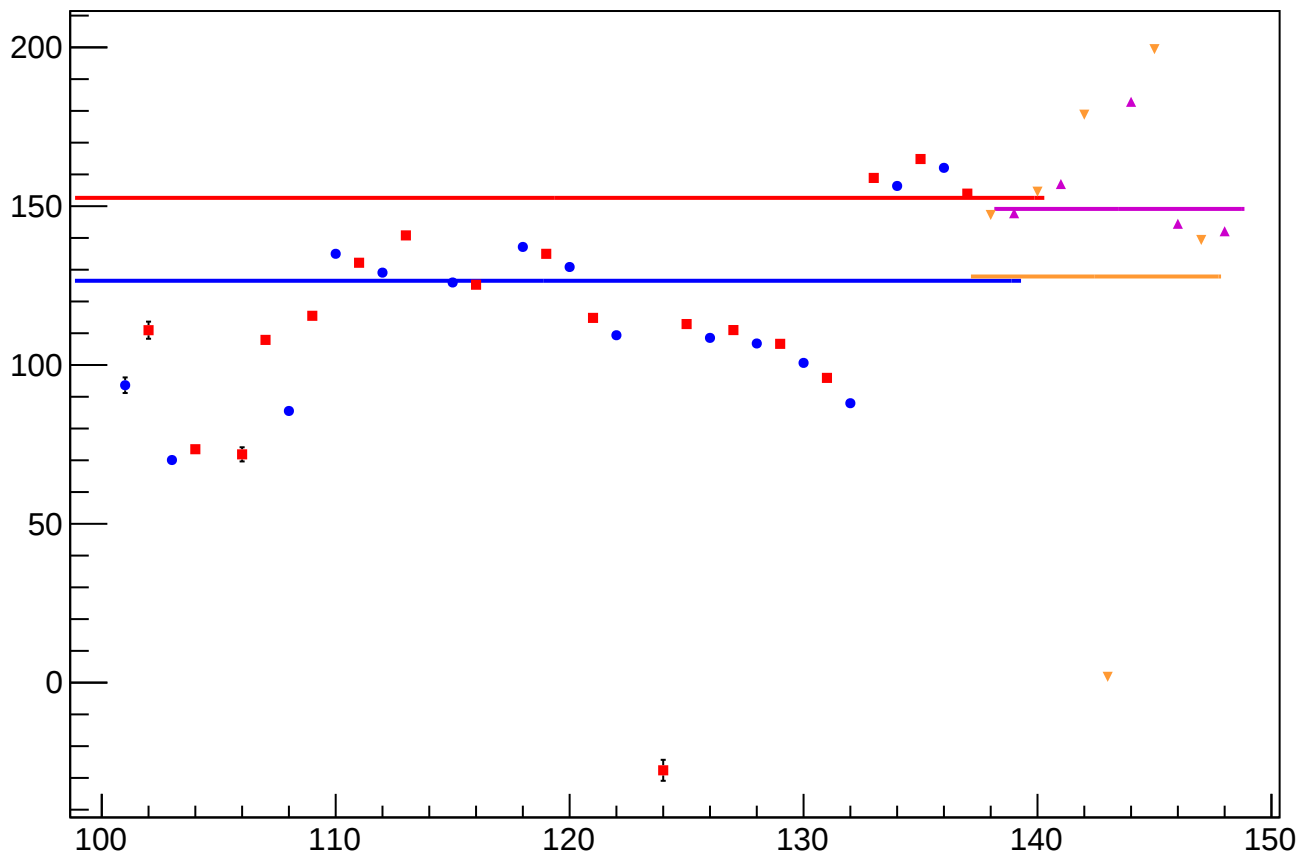
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -5.322 ± 0.044 χ^2/NDF : 142434.4/19

Out: -2.105 ± 0.051 χ^2/NDF : 58881.3/23

All: -3.934 ± 0.033 χ^2/NDF : 203584.7/43

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 ± 0.084 $\chi^2/\text{NDF}: 114967.3/14$

Left Out: 127.862 ± 0.079 $\chi^2/\text{NDF}: 370035.4/5$

Right Out: 152.620 ± 0.030 $\chi^2/\text{NDF}: 74022.9/17$

Left In: 149.139 ± 0.077 $\chi^2/\text{NDF}: 14197.1/4$

Left: 138.707 ± 0.055 $\chi^2/\text{NDF}: 421363.5/10$

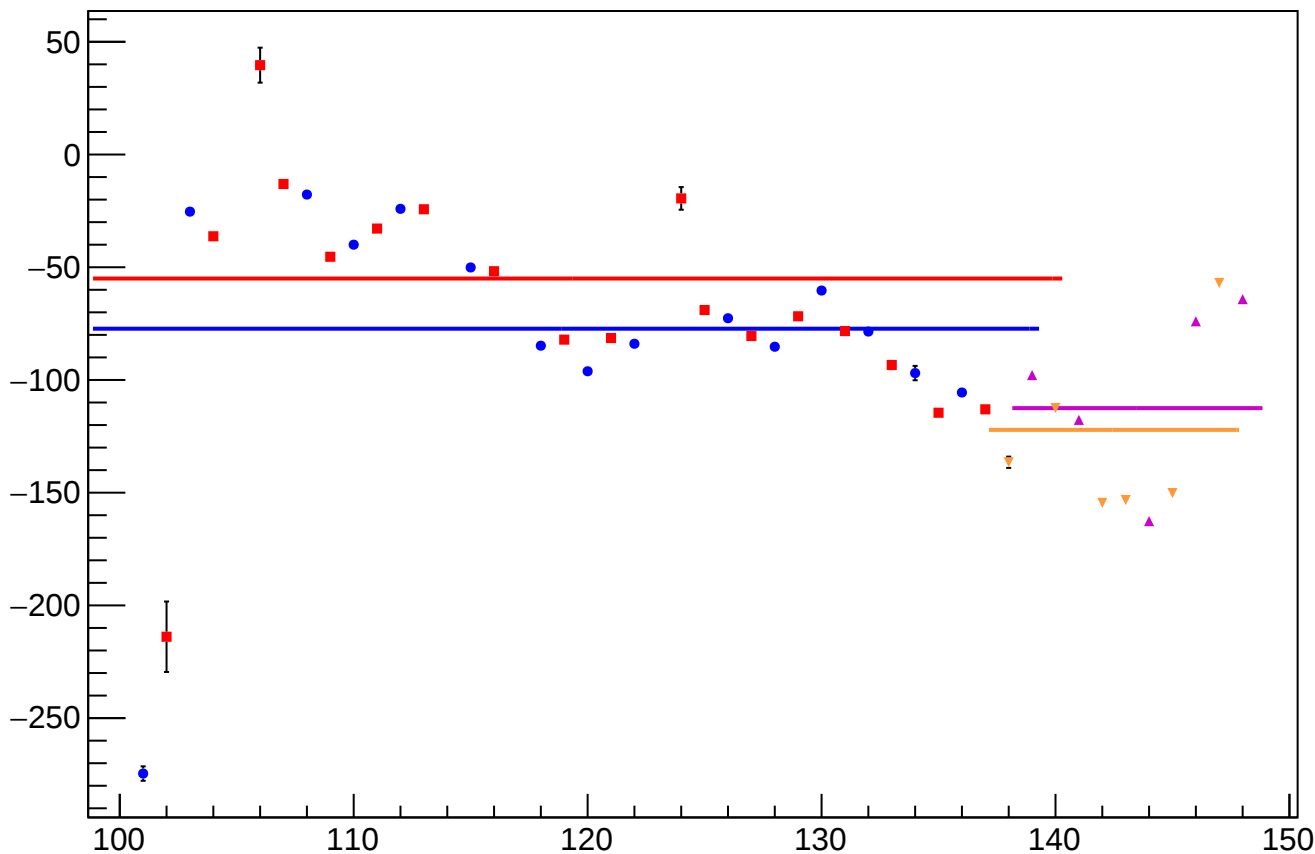
Right: 149.605 ± 0.029 $\chi^2/\text{NDF}: 274404.9/32$

In: 138.763 ± 0.057 $\chi^2/\text{NDF}: 168427.6/19$

Out: 149.423 ± 0.028 $\chi^2/\text{NDF}: 529958.3/23$

All: 147.306 ± 0.025 $\chi^2/\text{NDF}: 726525.9/43$

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -122.141 ± 0.255 $\chi^2/\text{NDF}: 17164.3/5$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -112.487 ± 0.217 $\chi^2/\text{NDF}: 21709.5/4$

Left: -116.542 ± 0.166 $\chi^2/\text{NDF}: 39702.7/10$

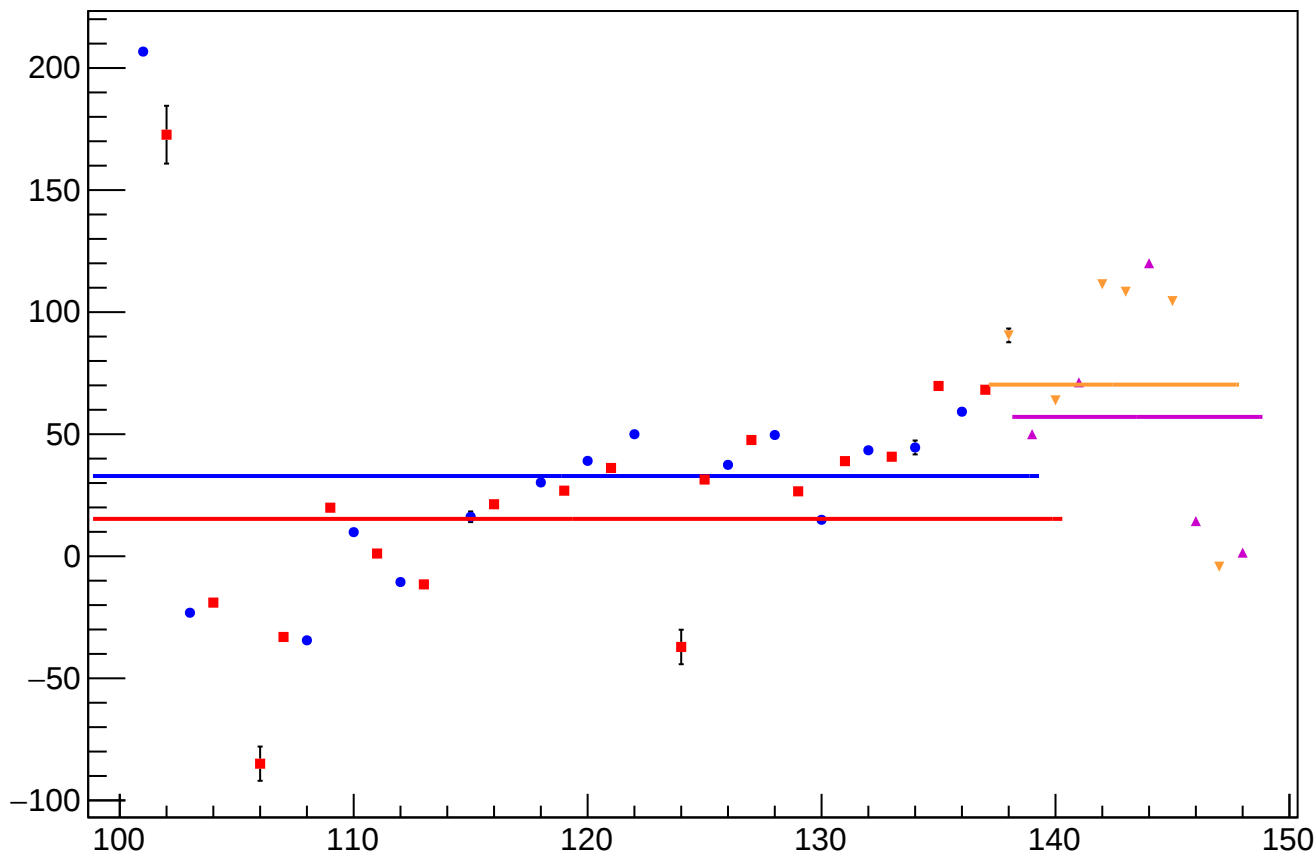
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -88.261 ± 0.121 $\chi^2/\text{NDF}: 70132.5/19$

Out: -78.971 ± 0.153 $\chi^2/\text{NDF}: 85239.5/23$

All: -84.657 ± 0.095 $\chi^2/\text{NDF}: 157641.6/43$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 70.309 $\pm$ 0.247 χ^2 /NDF: 28691.2/5

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 57.090 $\pm$ 0.203 χ^2 /NDF: 35041.3/4

Left: 62.422 $\pm$ 0.157 χ^2 /NDF: 65439.9/10

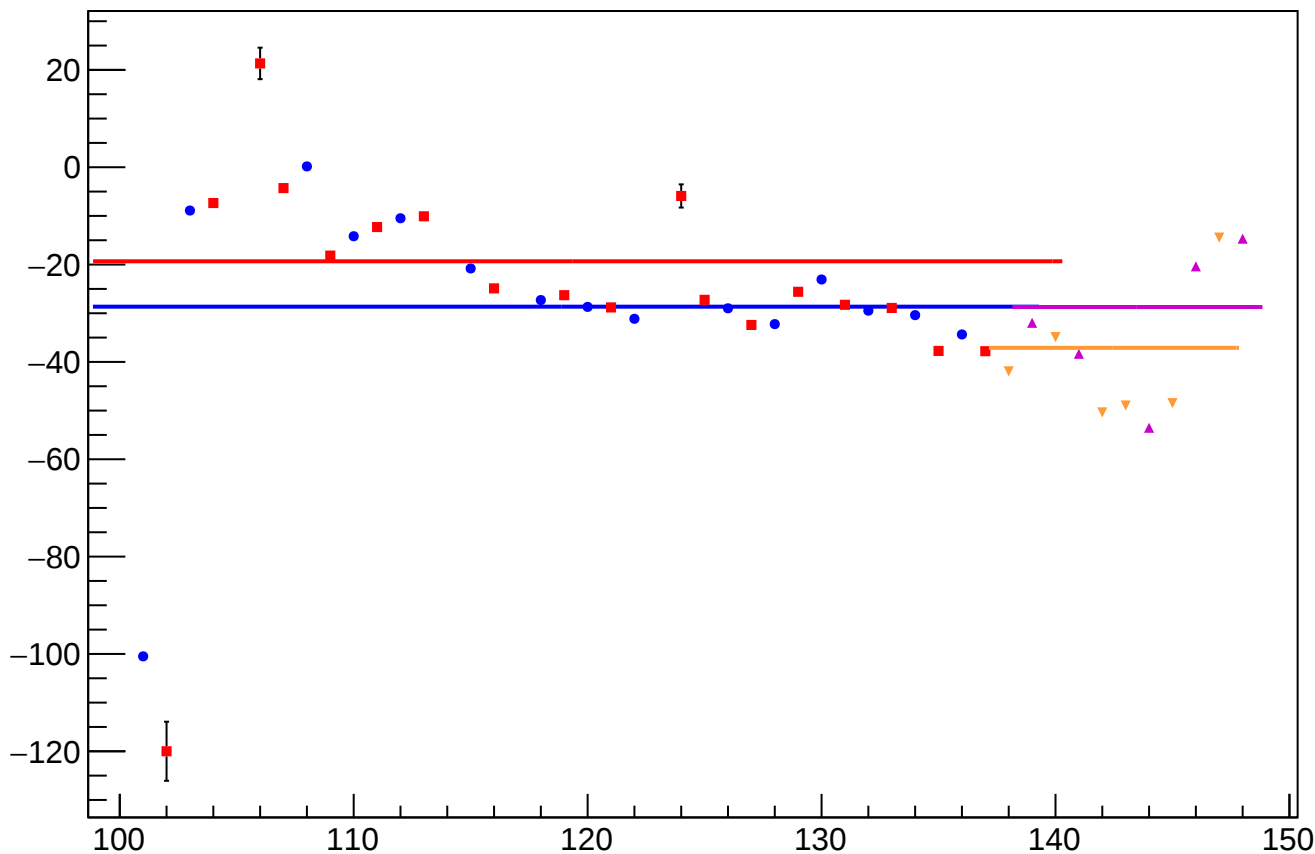
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 41.118 $\pm$ 0.119 χ^2 /NDF: 75807.4/19

Out: 38.331 $\pm$ 0.160 χ^2 /NDF: 74241.0/23

All: 40.129 $\pm$ 0.095 χ^2 /NDF: 150244.5/43

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -37.103 ± 0.053 $\chi^2/\text{NDF}: 74043.0/5$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -28.718 ± 0.035 $\chi^2/\text{NDF}: 96107.7/4$

Left: -31.259 ± 0.029 $\chi^2/\text{NDF}: 187531.9/10$

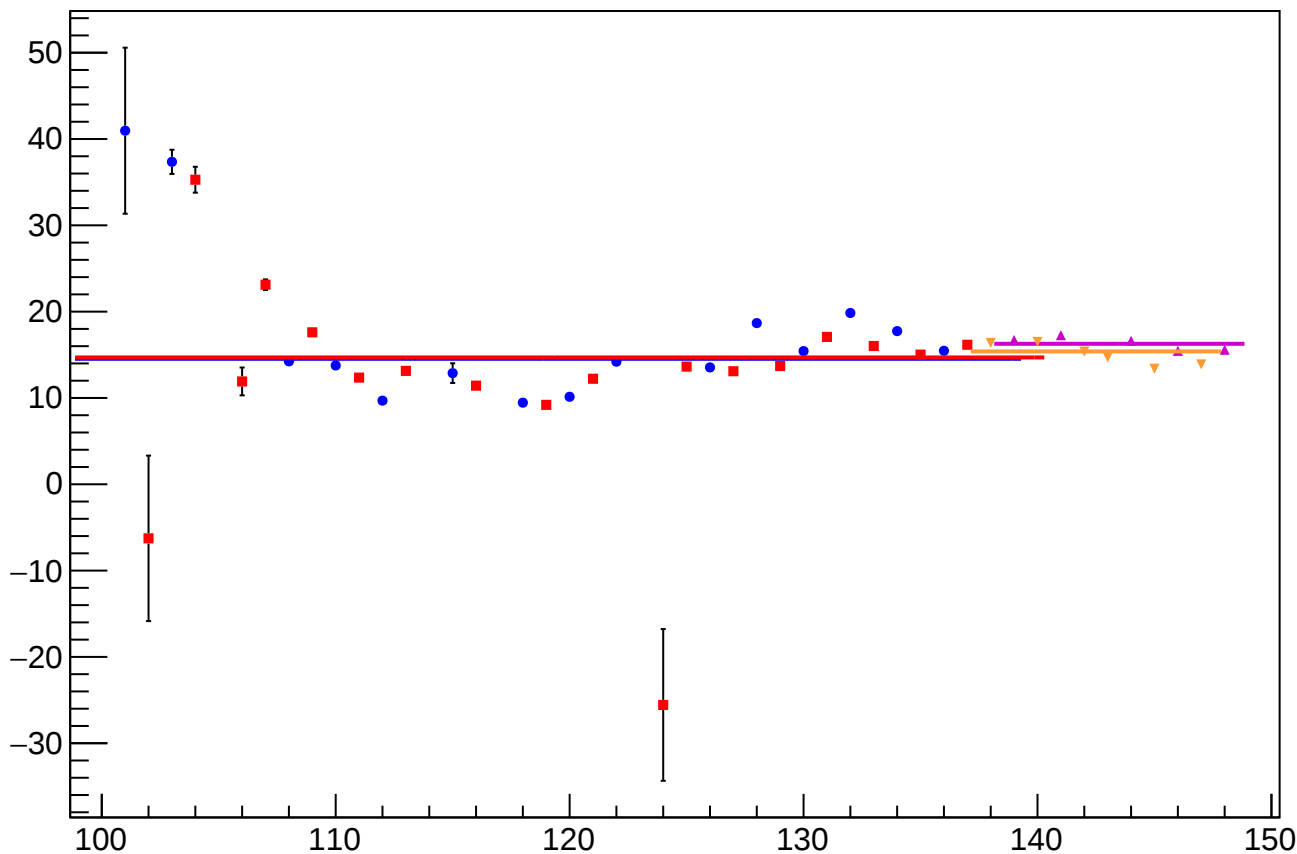
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -28.682 ± 0.024 $\chi^2/\text{NDF}: 209551.5/19$

Out: -25.628 ± 0.032 $\chi^2/\text{NDF}: 202979.4/23$

All: -27.537 ± 0.019 $\chi^2/\text{NDF}: 418362.8/43$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.392 $\pm$ 0.033 χ^2 /NDF:1209.7/5

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 16.276 $\pm$ 0.030 χ^2 /NDF:619.4/4

Left: 15.875 $\pm$ 0.022 χ^2 /NDF: 2215.6/10

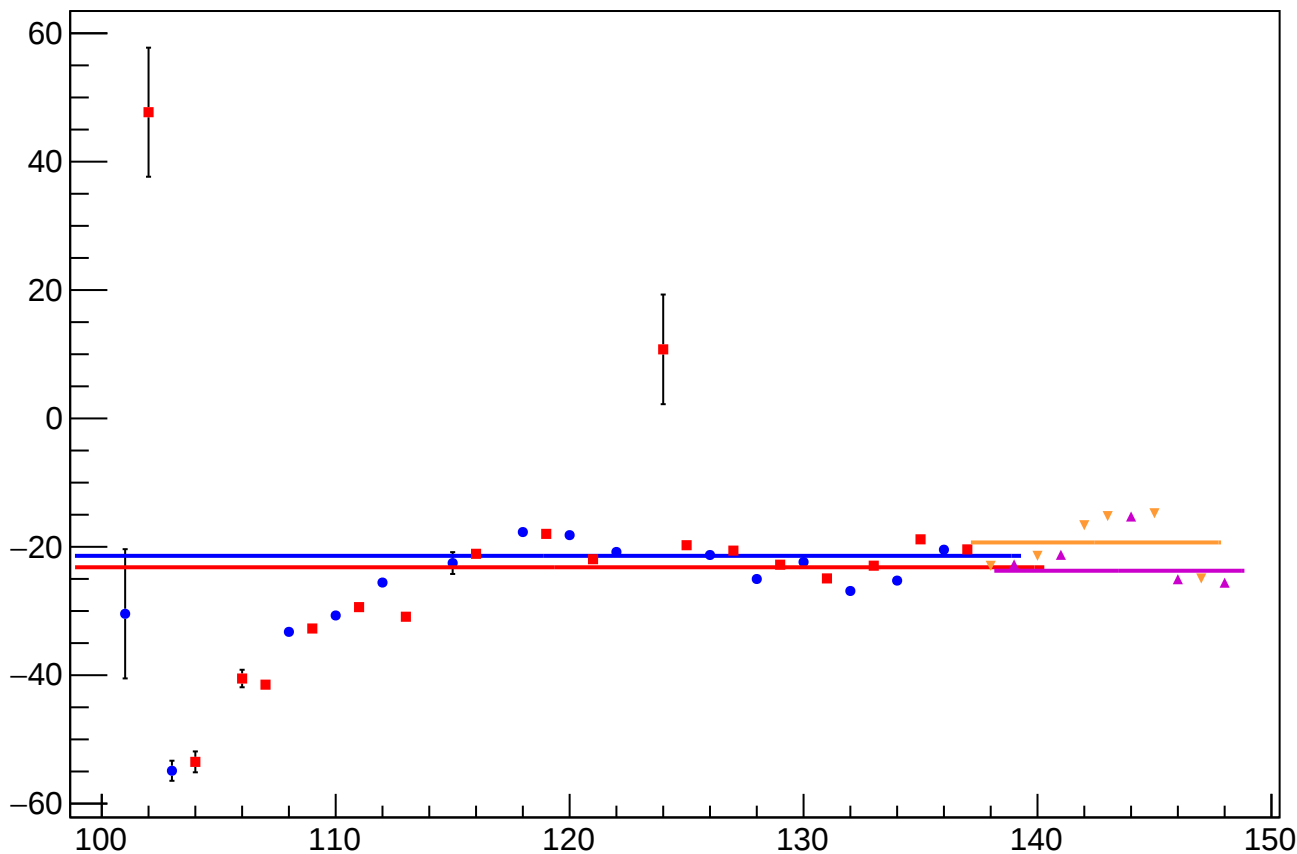
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.393 $\pm$ 0.021 χ^2 /NDF:14361.7/19

Out: 15.136 $\pm$ 0.026 χ^2 /NDF:3005.0/23

All: 15.292 $\pm$ 0.017 χ^2 /NDF: 17424.5/43

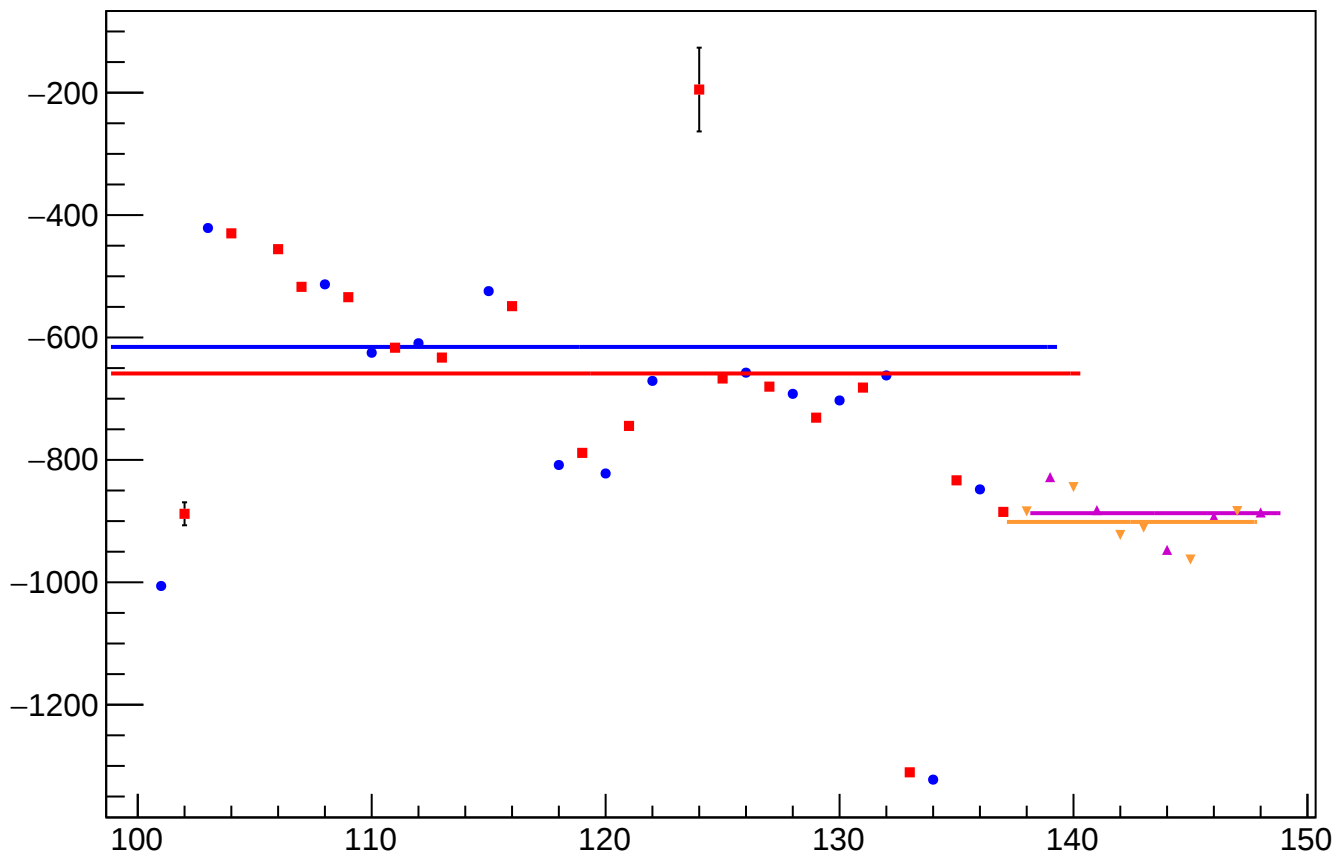
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$
 Left Out: -19.321 ± 0.036 $\chi^2/\text{NDF}: 13048.4/5$
 Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$
 Left In: -23.728 ± 0.038 $\chi^2/\text{NDF}: 6340.6/4$

Left: -21.426 ± 0.026 $\chi^2/\text{NDF}: 26418.5/10$
 Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$
 In: -22.491 ± 0.026 $\chi^2/\text{NDF}: 18017.2/19$
 Out: -20.618 ± 0.030 $\chi^2/\text{NDF}: 25975.2/23$
 All: -21.677 ± 0.020 $\chi^2/\text{NDF}: 46252.9/43$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2 /NDF: 382819.1/14

Left Out: -901.353+/-0.391 χ^2 /NDF: 7666.5/5

Right Out: -658.787+/-0.256 χ^2 /NDF: 385262.6/17

Left In: -887.040+/-0.269 χ^2 /NDF: 7987.2/4

Left: -891.637+/-0.222 χ^2 /NDF: 16562.0/10

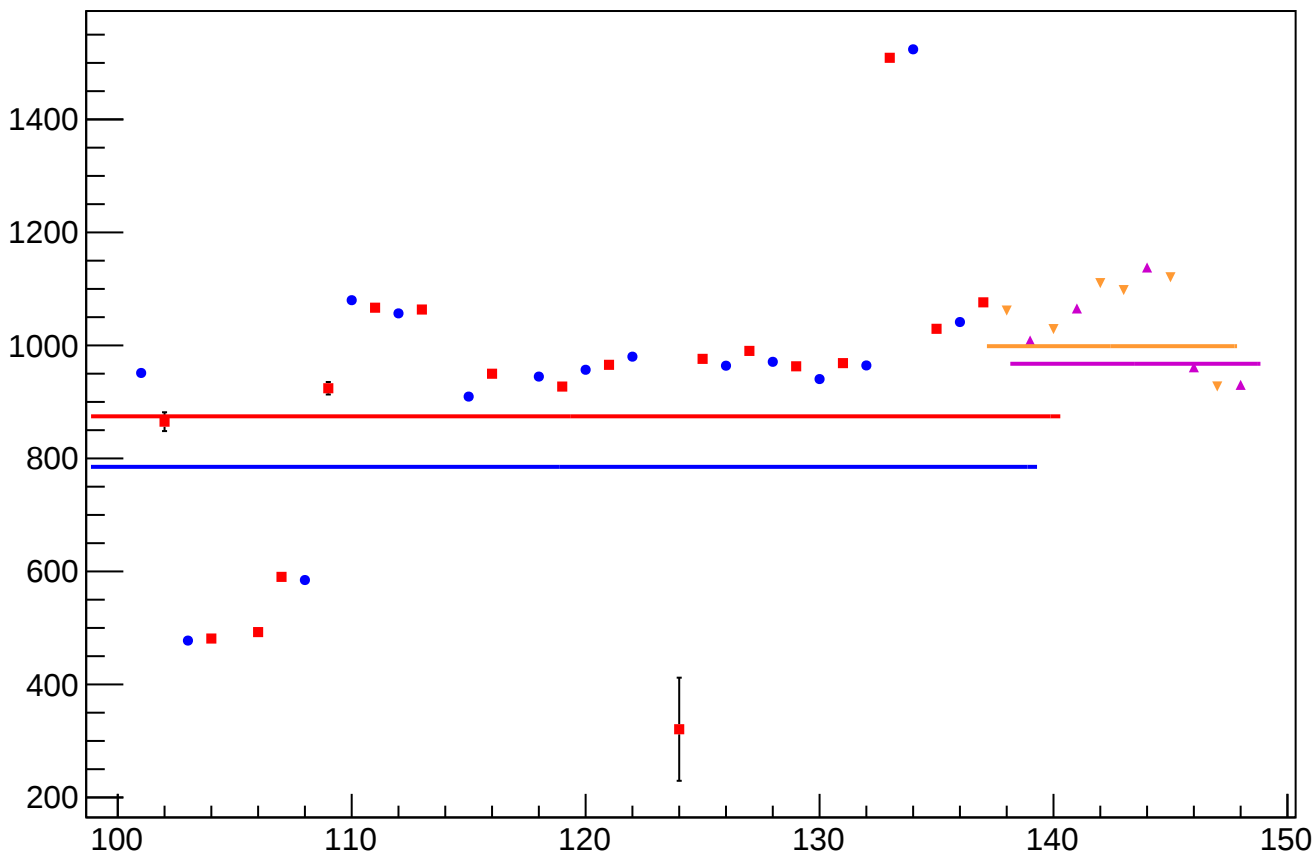
Right: -635.464+/-0.174 χ^2 /NDF: 783480.4/32

In: -734.399+/-0.178 χ^2 /NDF: 963254.6/19

Out: -731.613+/-0.214 χ^2 /NDF: 661854.6/23

All: -733.261+/-0.137 χ^2 /NDF: 1625209.0/43

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 998.651+/-0.394 χ^2/NDF : 41727.5/5

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 967.520+/-0.258 χ^2/NDF : 59421.2/4

Left: 976.854+/-0.216 χ^2/NDF : 105509.5/10

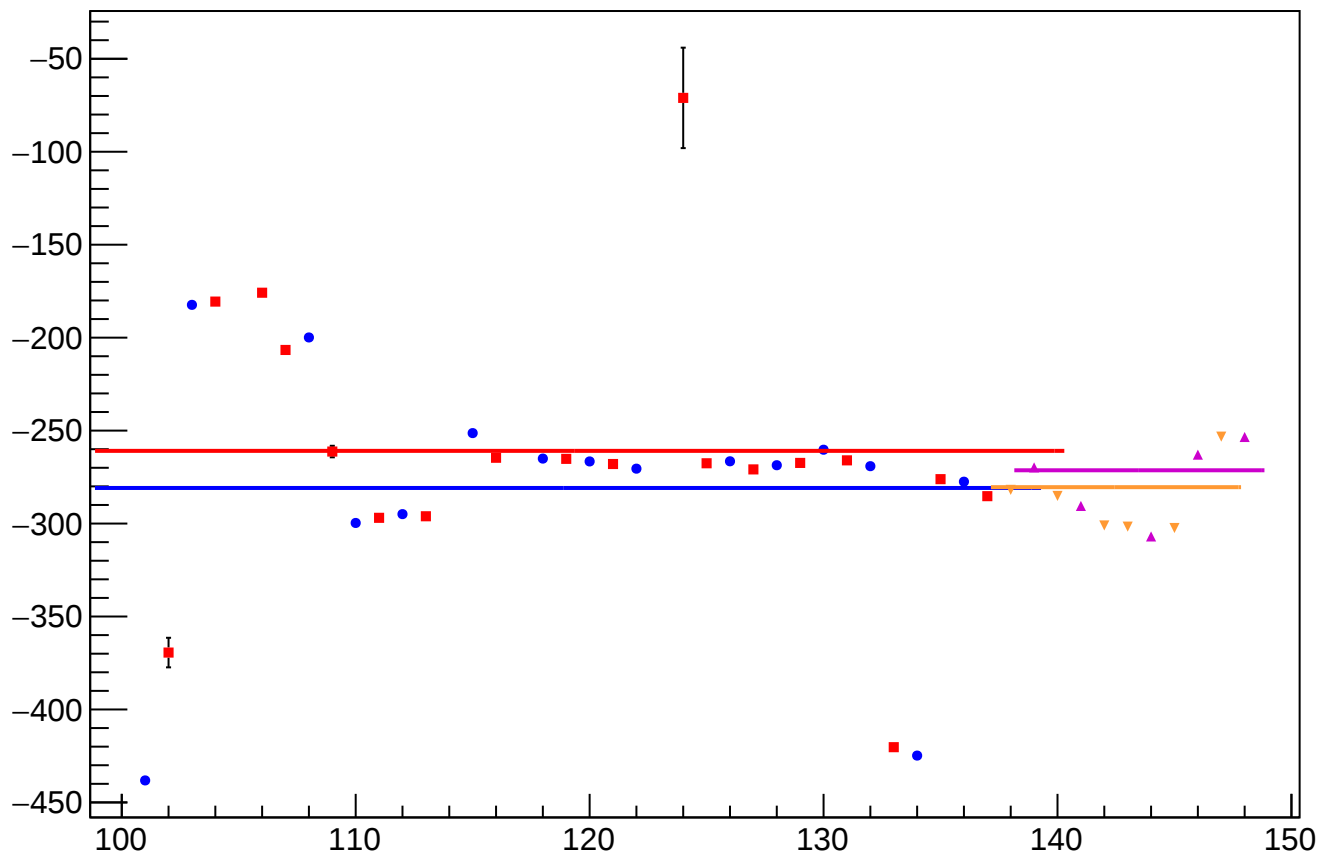
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 865.058+/-0.171 χ^2/NDF : 1226082.3/19

Out: 912.365+/-0.218 χ^2/NDF : 953127.2/23

All: 883.084+/-0.134 χ^2/NDF : 2208405.5/43

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -280.428 ± 0.085 $\chi^2/\text{NDF}: 61401.3/5$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -271.343 ± 0.052 $\chi^2/\text{NDF}: 98071.3/4$

Left: -273.793 ± 0.044 $\chi^2/\text{NDF}: 167728.4/10$

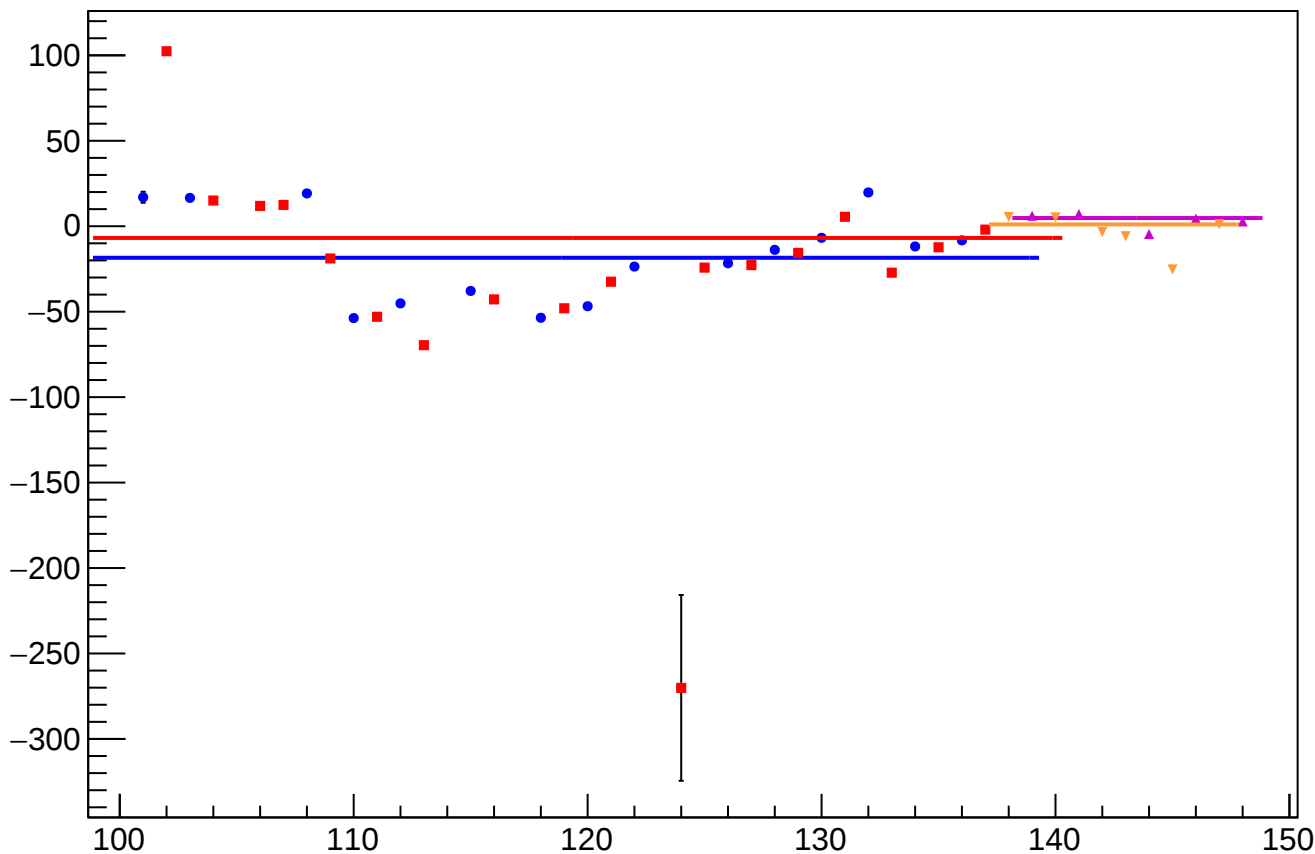
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -275.532 ± 0.039 $\chi^2/\text{NDF}: 986464.9/19$

Out: -268.409 ± 0.053 $\chi^2/\text{NDF}: 441266.4/23$

All: -273.043 ± 0.031 $\chi^2/\text{NDF}: 1439482.8/43$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 +/- 0.091 χ^2/NDF : 46574.6/14

Left Out: 1.068 +/- 0.065 χ^2/NDF : 5415.8/5

Right Out: -6.843 +/- 0.065 χ^2/NDF : 50023.0/17

Left In: 4.797 +/- 0.066 χ^2/NDF : 1923.1/4

Left: 2.896 +/- 0.046 χ^2/NDF : 8962.5/10

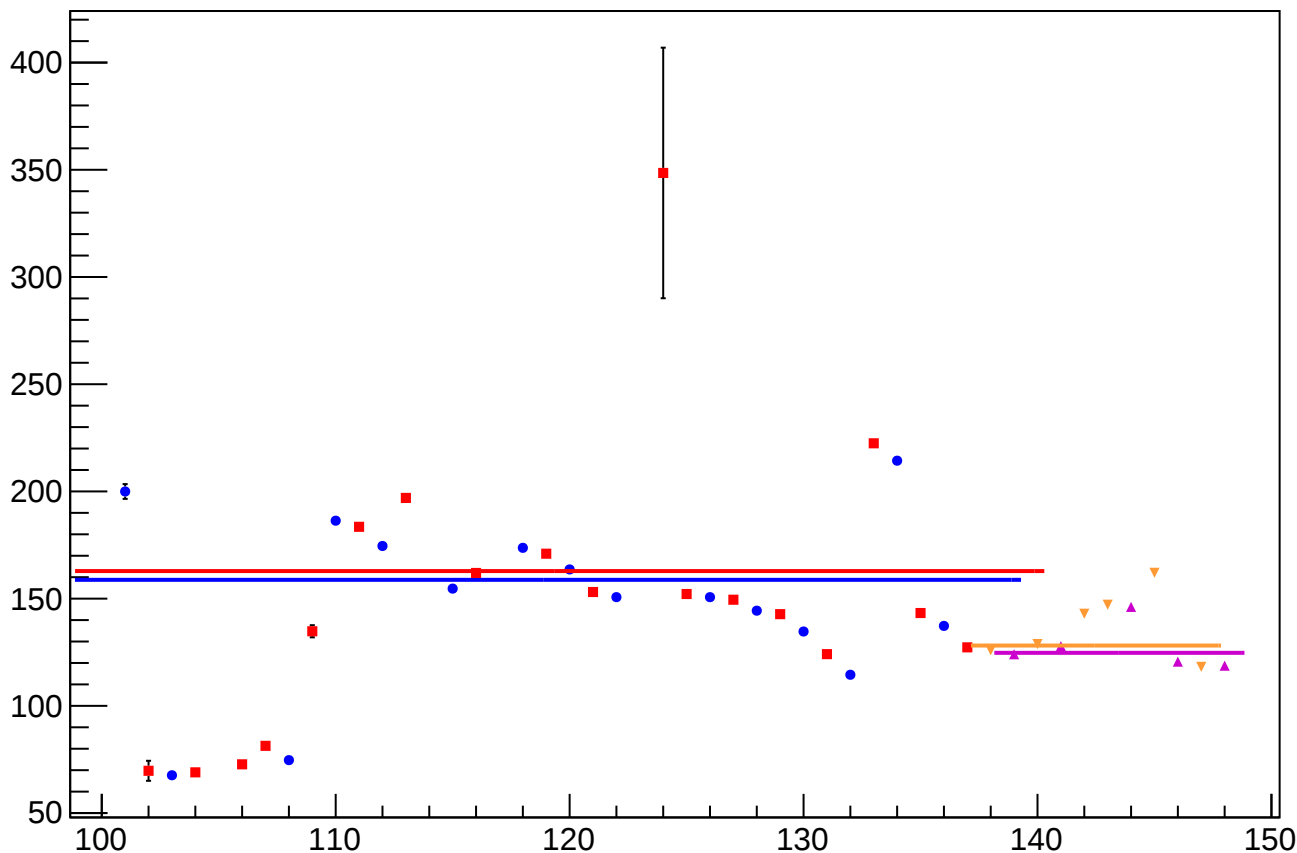
Right: -10.715 +/- 0.053 χ^2/NDF : 107378.5/32

In: -3.199 +/- 0.054 χ^2/NDF : 91066.2/19

Out: -2.901 +/- 0.046 χ^2/NDF : 62917.7/23

All: -3.027 +/- 0.035 χ^2/NDF : 154001.8/43

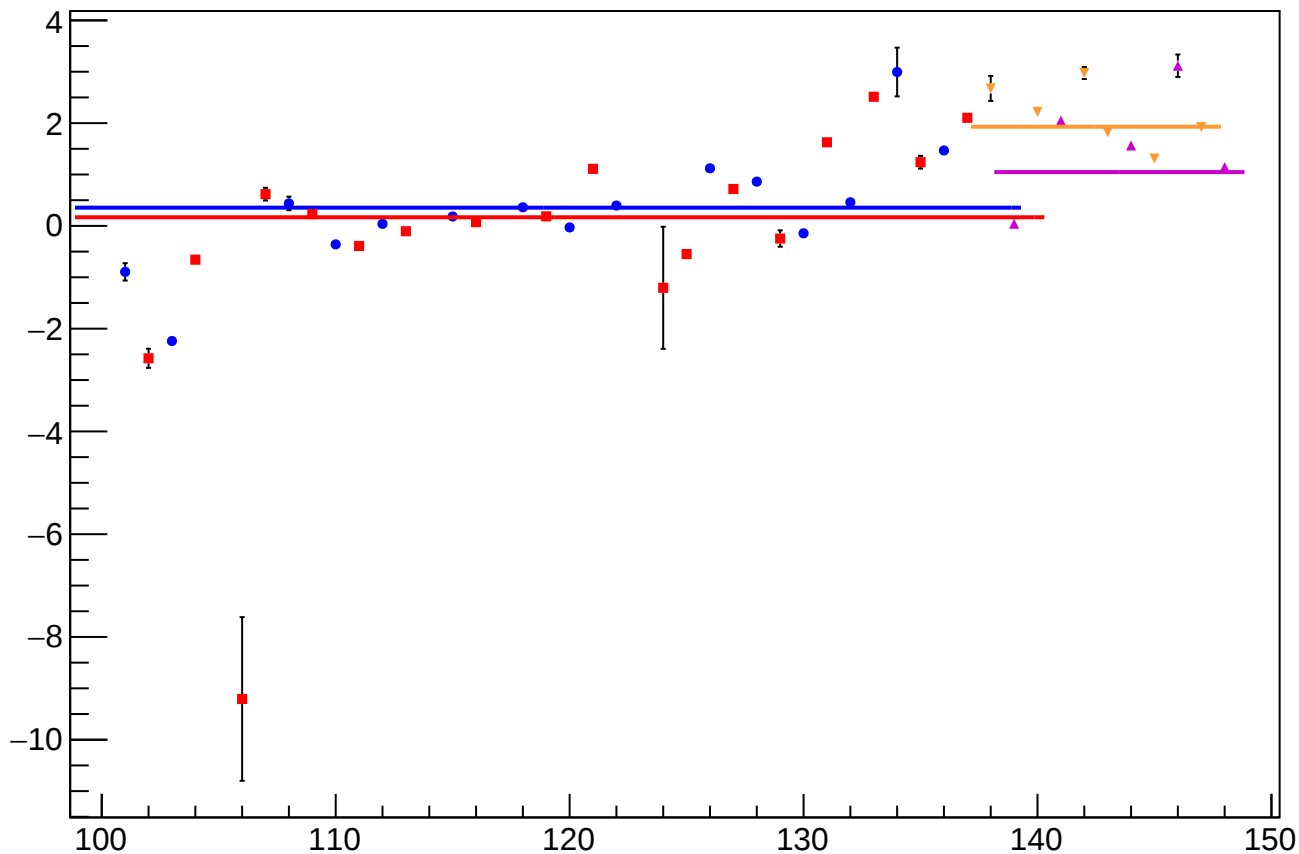
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 128.131 $\pm$ 0.082 χ^2/NDF : 23371.0/5
 Right Out: 162.856 $\pm$ 0.093 χ^2/NDF : 156176.8/17
 Left In: 124.726 $\pm$ 0.072 χ^2/NDF : 8616.4/4

Left: 126.213 $\pm$ 0.054 χ^2/NDF : 32962.6/10
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 138.332 $\pm$ 0.056 χ^2/NDF : 256867.6/19
 Out: 143.237 $\pm$ 0.062 χ^2/NDF : 257863.3/23
 All: 140.547 $\pm$ 0.041 χ^2/NDF : 518218.2/43

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.930 ± 0.023 χ^2/NDF : 244.0/5

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.048 ± 0.018 χ^2/NDF : 2112.6/4

Left: 1.374 ± 0.014 χ^2/NDF : 3257.6/10

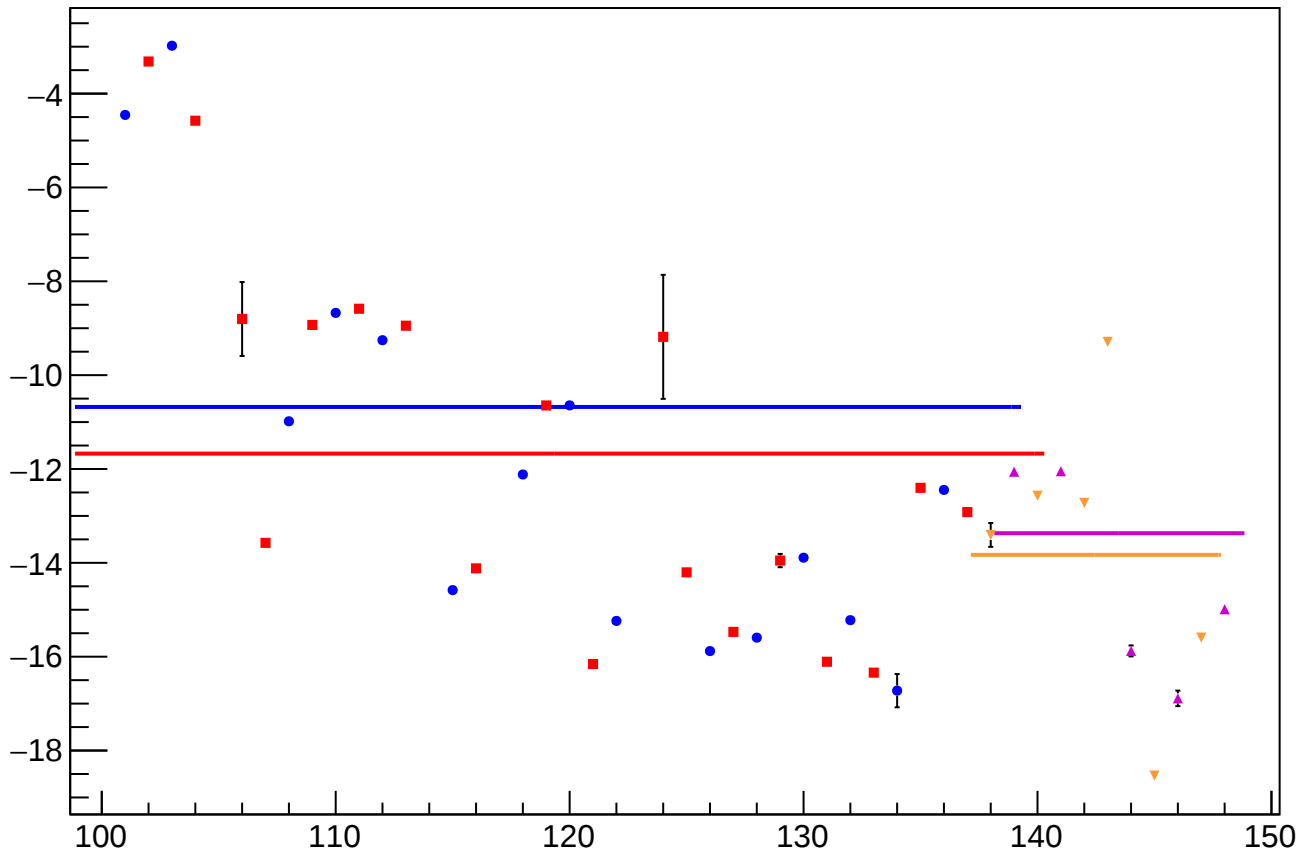
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.564 ± 0.010 χ^2/NDF : 7170.5/19

Out: 0.339 ± 0.007 χ^2/NDF : 9980.4/23

All: 0.418 ± 0.006 χ^2/NDF : 17491.0/43

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -13.830 ± 0.019 $\chi^2/\text{NDF}: 25271.0/5$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -13.368 ± 0.023 $\chi^2/\text{NDF}: 4607.9/4$

Left: -13.641 ± 0.015 $\chi^2/\text{NDF}: 30115.6/10$

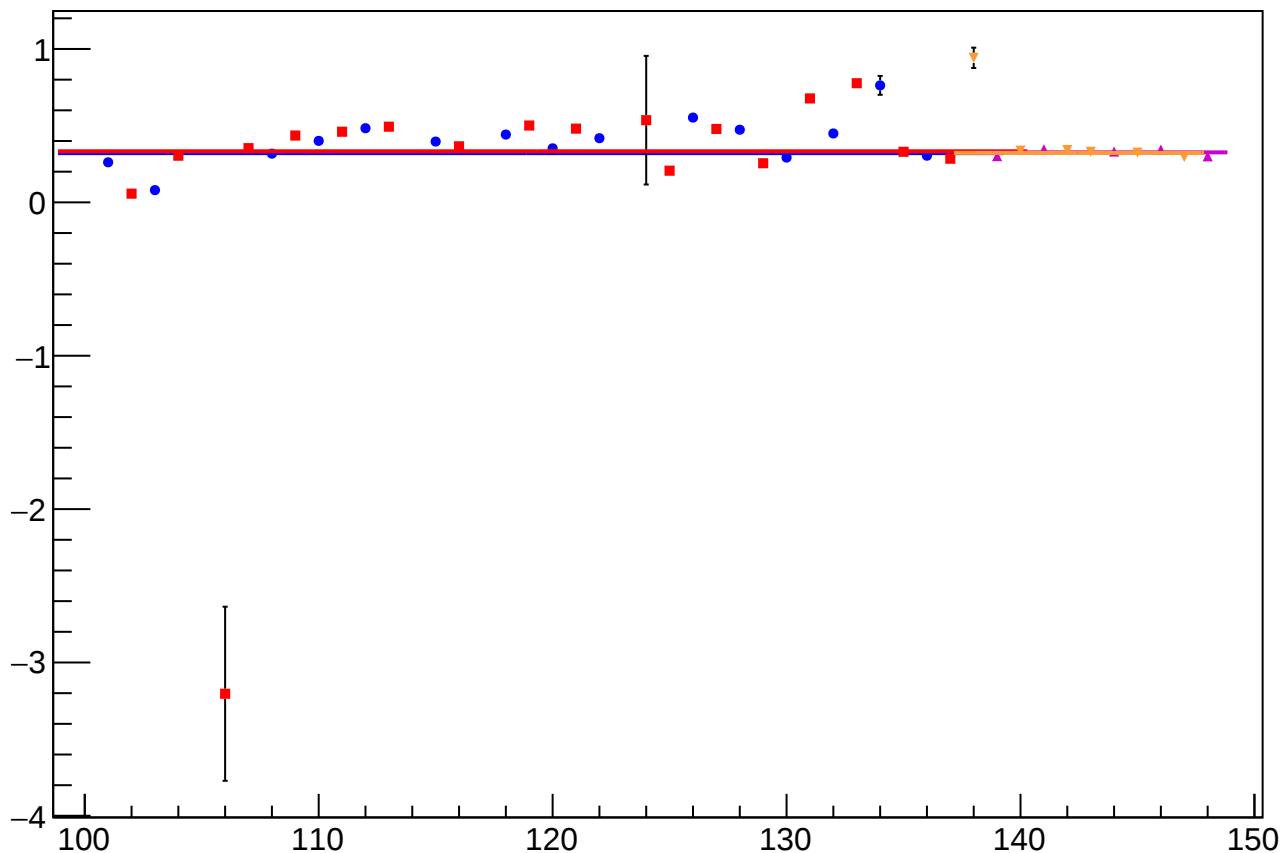
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -11.123 ± 0.009 $\chi^2/\text{NDF}: 242749.3/19$

Out: -12.252 ± 0.010 $\chi^2/\text{NDF}: 142359.8/23$

All: -11.655 ± 0.007 $\chi^2/\text{NDF}: 391919.8/43$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 $\chi^2/\text{NDF}: 4017.7/14$

Left Out: 0.322 ± 0.001 $\chi^2/\text{NDF}: 1218.7/5$

Right Out: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4170.0/17$

Left In: 0.326 ± 0.001 $\chi^2/\text{NDF}: 704.8/4$

Left: 0.324 ± 0.000 $\chi^2/\text{NDF}: 1938.9/10$

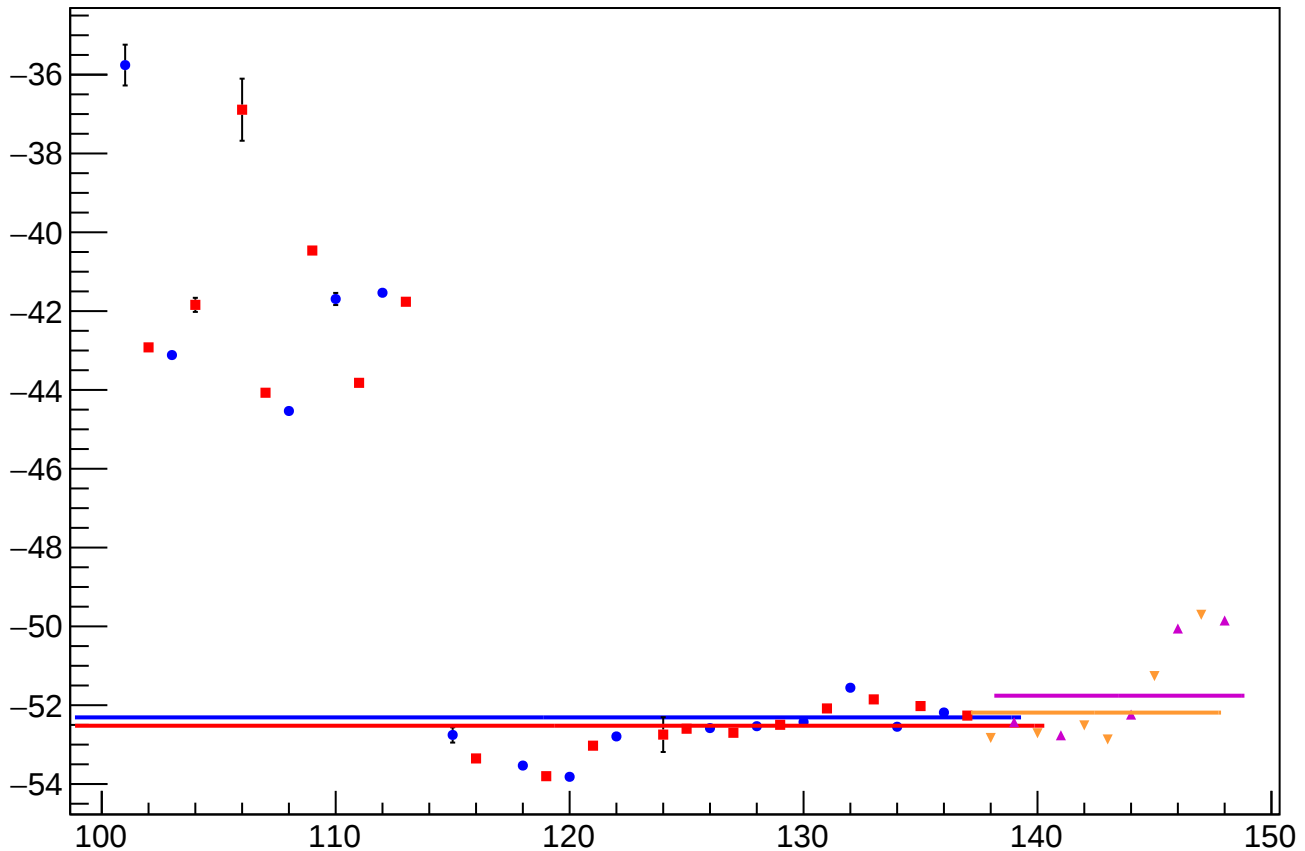
Right: 0.325 ± 0.001 $\chi^2/\text{NDF}: 8247.8/32$

In: 0.324 ± 0.001 $\chi^2/\text{NDF}: 4741.0/19$

Out: 0.324 ± 0.001 $\chi^2/\text{NDF}: 5448.3/23$

All: 0.324 ± 0.000 $\chi^2/\text{NDF}: 10189.4/43$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -52.188 ± 0.005 $\chi^2/\text{NDF}: 59736.7/5$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -51.759 ± 0.005 $\chi^2/\text{NDF}: 54681.5/4$

Left: -51.986 ± 0.004 $\chi^2/\text{NDF}: 117911.1/10$

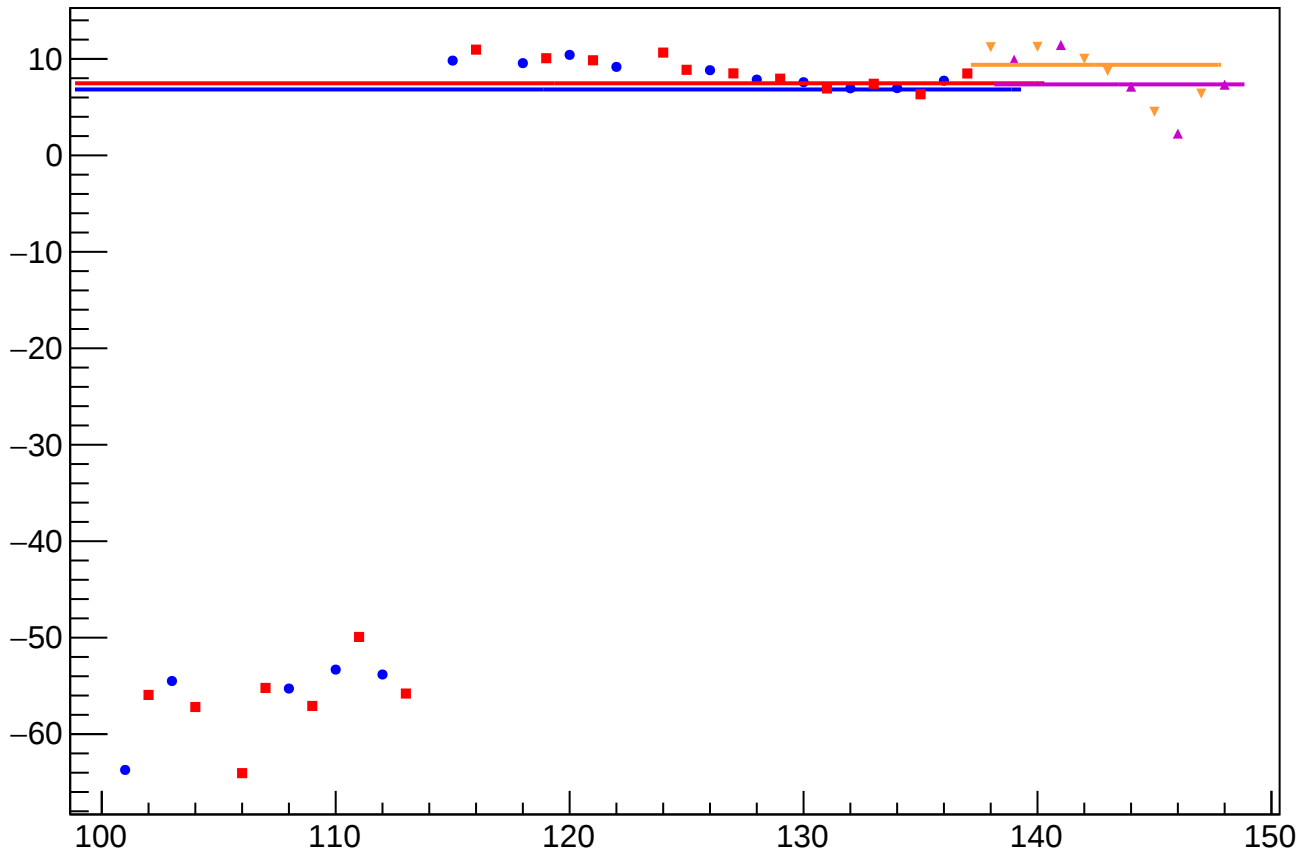
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -52.083 ± 0.003 $\chi^2/\text{NDF}: 114535.7/19$

Out: -52.367 ± 0.003 $\chi^2/\text{NDF}: 138764.0/23$

All: -52.225 ± 0.002 $\chi^2/\text{NDF}: 256840.0/43$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834+/-0.005 χ^2/NDF : 990576.4/14

Left Out: 9.389+/-0.012 χ^2/NDF : 32464.9/5

Right Out: 7.474+/-0.009 χ^2/NDF : 1195498.7/17

Left In: 7.359+/-0.013 χ^2/NDF : 72720.8/4

Left: 8.414+/-0.009 χ^2/NDF : 118805.3/10

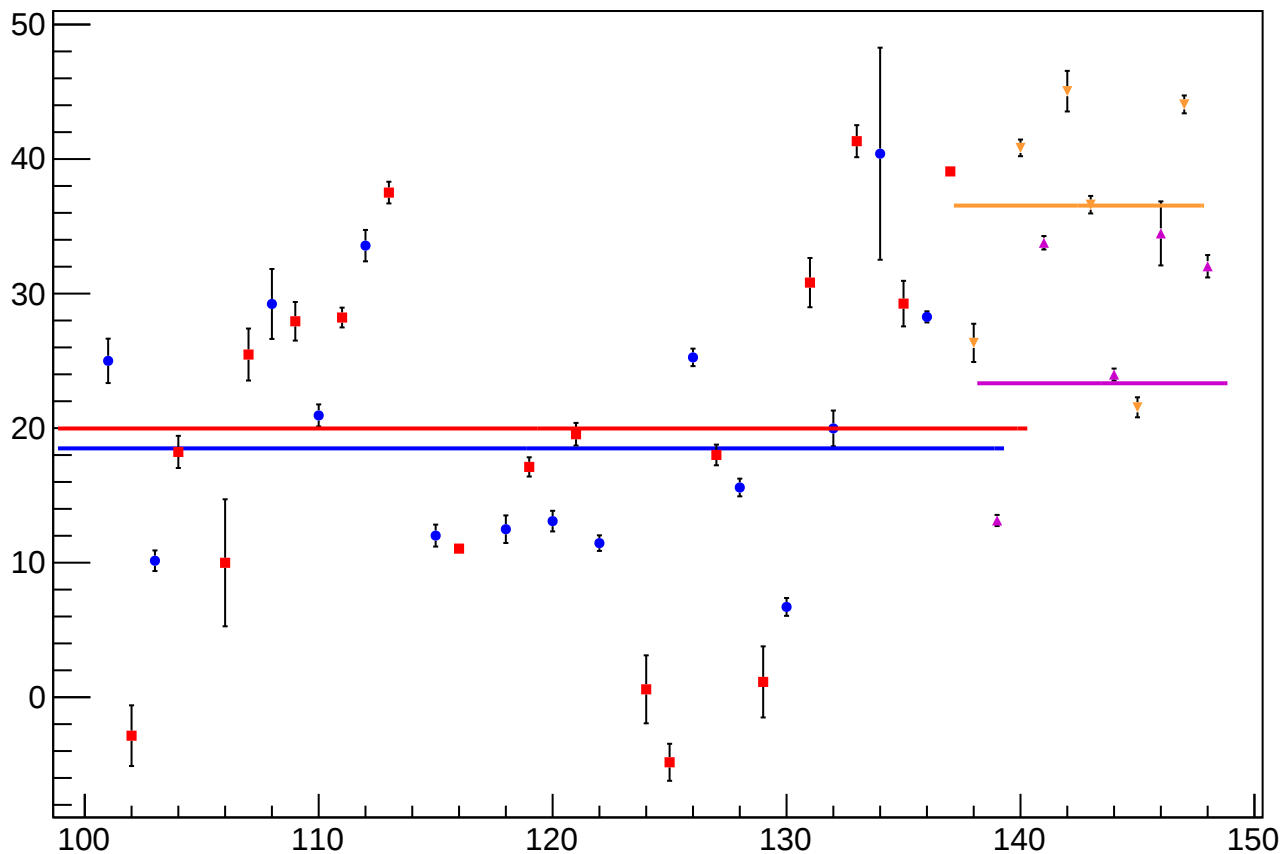
Right: 6.980+/-0.004 χ^2/NDF : 2189734.1/32

In: 6.907+/-0.005 χ^2/NDF : 1064806.8/19

Out: 8.188+/-0.007 χ^2/NDF : 1243793.6/23

All: 7.278+/-0.004 χ^2/NDF : 2330102.9/43

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 36.542 $\pm$ 0.317 χ^2 /NDF:665.9/5

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 23.335 $\pm$ 0.246 χ^2 /NDF:1173.9/4

Left: 28.314 $\pm$ 0.194 χ^2 /NDF: 2924.4/10

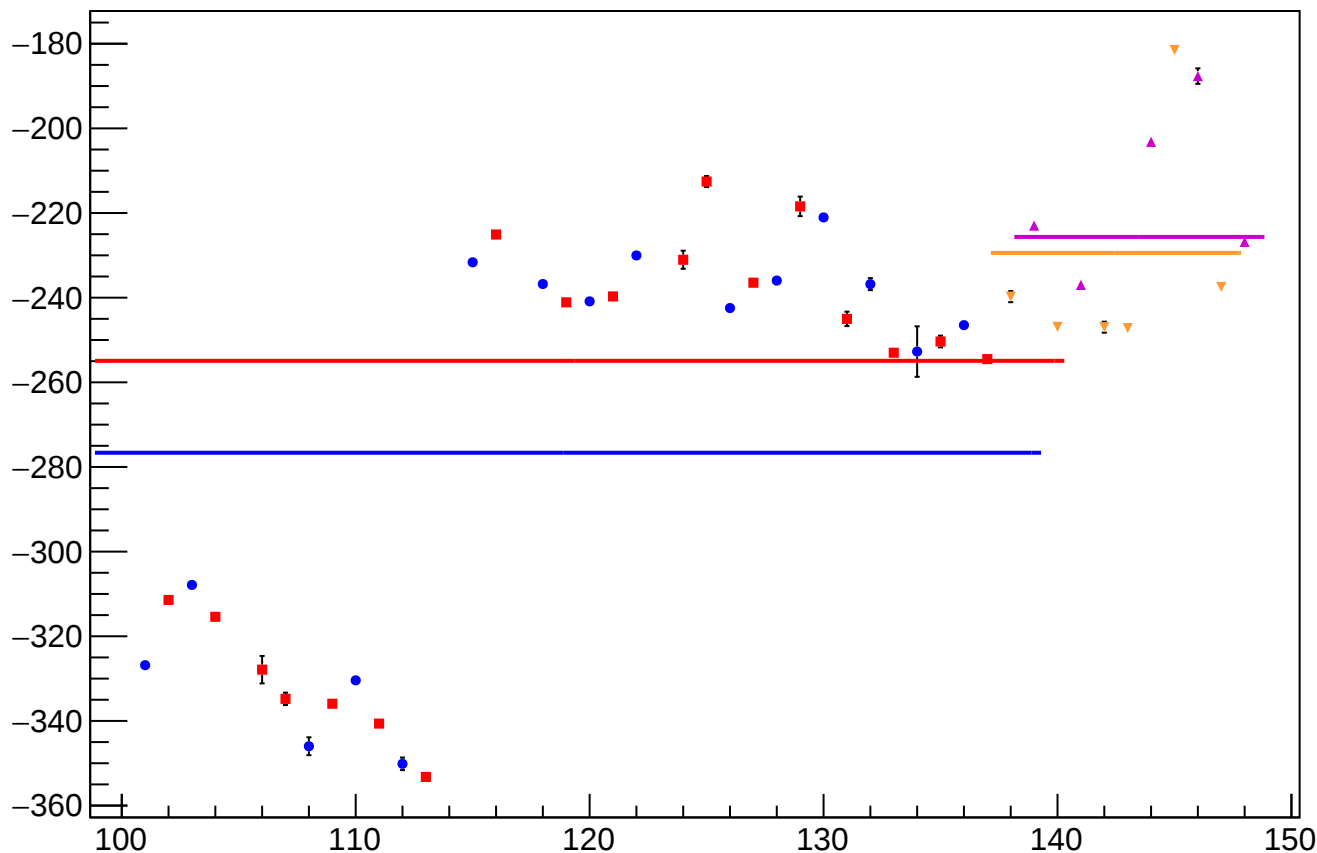
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 20.420 $\pm$ 0.155 χ^2 /NDF:3043.3/19

Out: 22.371 $\pm$ 0.120 χ^2 /NDF:12210.6/23

All: 21.638 $\pm$ 0.095 χ^2 /NDF: 15352.4/43

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2 /NDF: 77119.6/14

Left Out: -229.420 $\pm$ 0.258 χ^2 /NDF:10501.5/5

Right Out: -254.921 $\pm$ 0.071 χ^2 /NDF: 71945.8/17

Left In: -225.648 $\pm$ 0.236 χ^2 /NDF:2118.4/4

Left: -227.372 $\pm$ 0.174 χ^2 /NDF: 12736.3/10

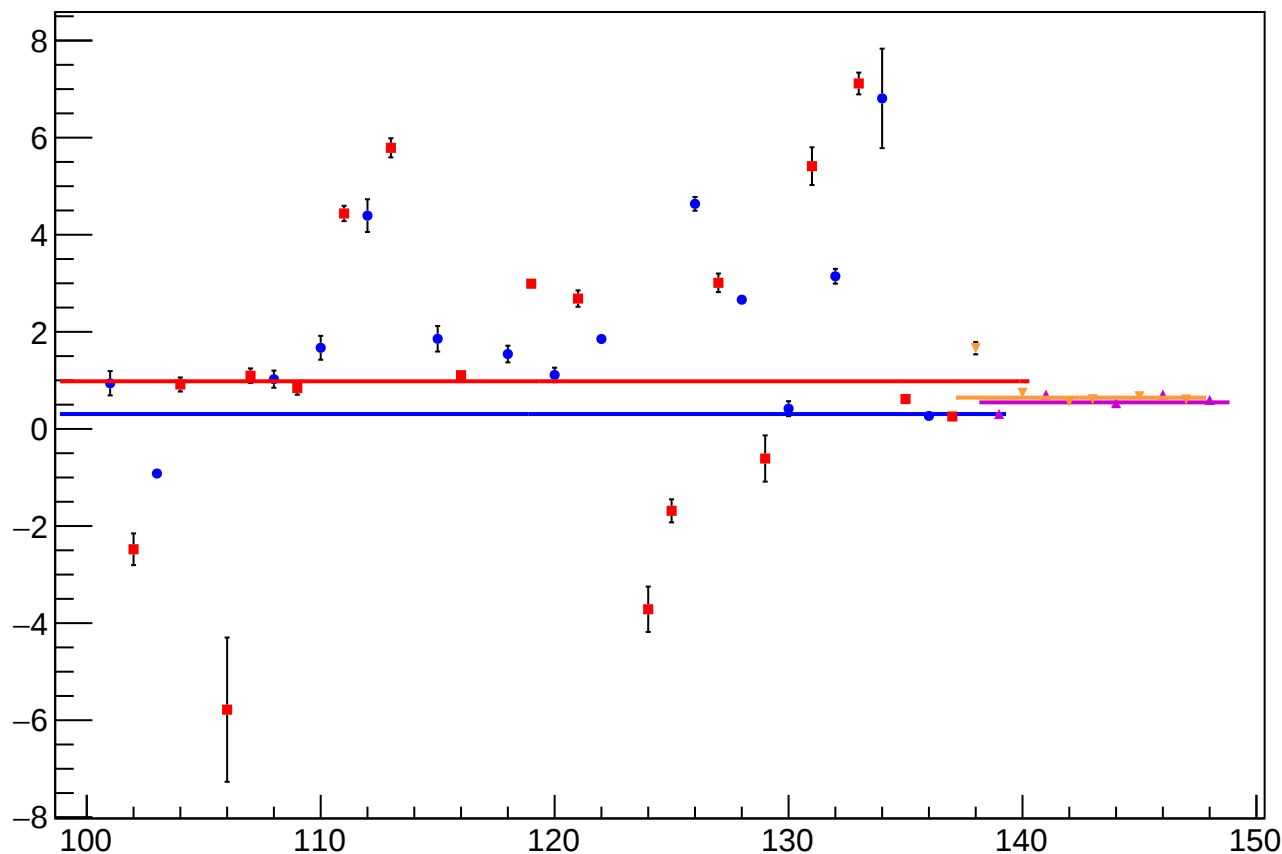
Right: -259.025 $\pm$ 0.064 χ^2 /NDF: 166632.3/32

In: -262.333 $\pm$ 0.125 χ^2 /NDF:112737.6/19

Out: -253.109 $\pm$ 0.069 χ^2 /NDF:91557.8/23

All: -255.242 $\pm$ 0.060 χ^2 /NDF: 208471.9/43

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.645 ± 0.004 $\chi^2/\text{NDF}: 257.6/5$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.547 ± 0.004 $\chi^2/\text{NDF}: 1611.7/4$

Left: 0.592 ± 0.003 $\chi^2/\text{NDF}: 2136.2/10$

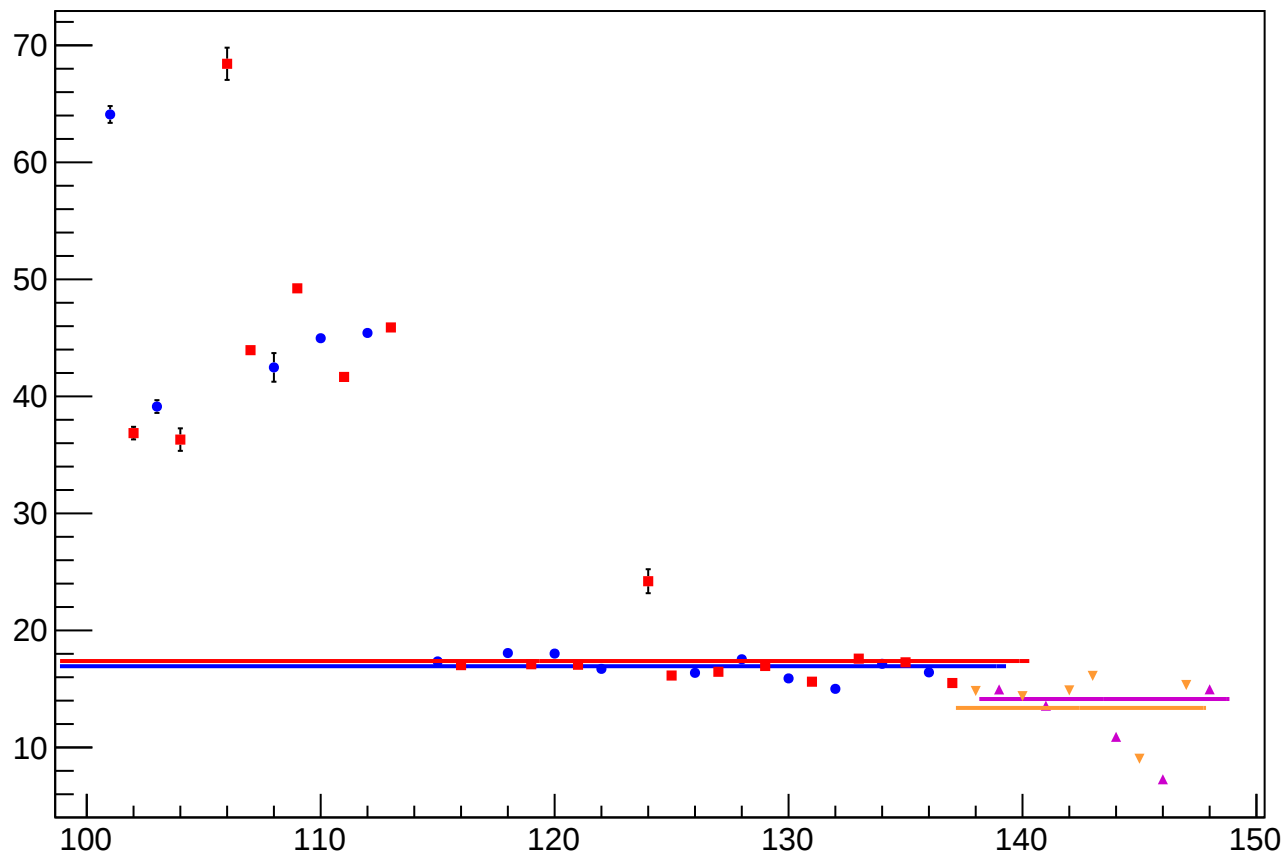
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.482 ± 0.003 $\chi^2/\text{NDF}: 5359.6/19$

Out: 0.672 ± 0.004 $\chi^2/\text{NDF}: 4117.1/23$

All: 0.559 ± 0.003 $\chi^2/\text{NDF}: 10699.4/43$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 13.377 ± 0.014 $\chi^2/\text{NDF}: 41252.8/5$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.140 ± 0.023 $\chi^2/\text{NDF}: 4961.1/4$

Left: 13.595 ± 0.012 $\chi^2/\text{NDF}: 47016.6/10$

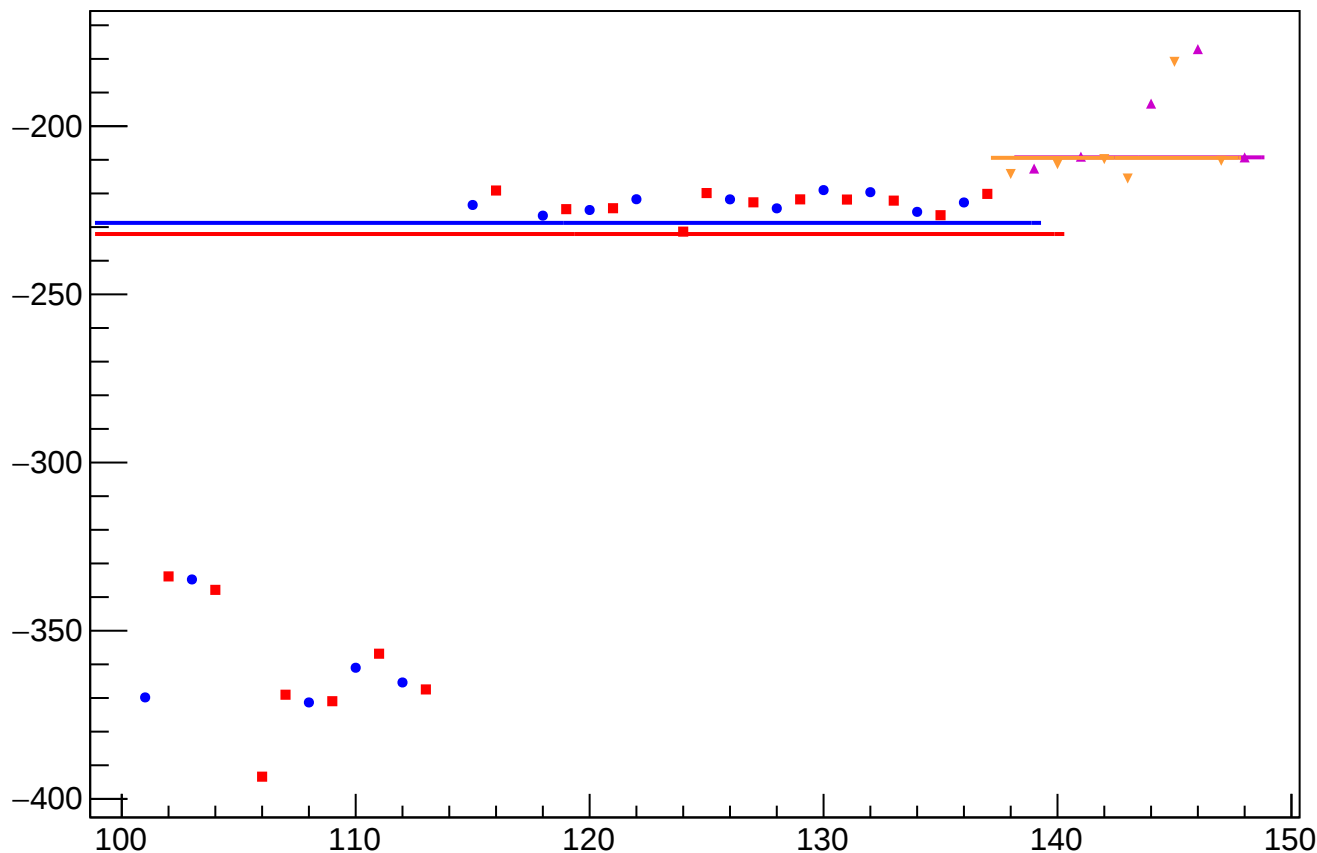
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 16.262 ± 0.011 $\chi^2/\text{NDF}: 45467.1/19$

Out: 14.982 ± 0.011 $\chi^2/\text{NDF}: 133510.0/23$

All: 15.618 ± 0.008 $\chi^2/\text{NDF}: 185544.3/43$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -209.408+/-0.035 χ^2/NDF : 64965.5/5

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -209.266+/-0.038 χ^2/NDF : 8959.2/4

Left: -209.342+/-0.026 χ^2/NDF : 73932.2/10

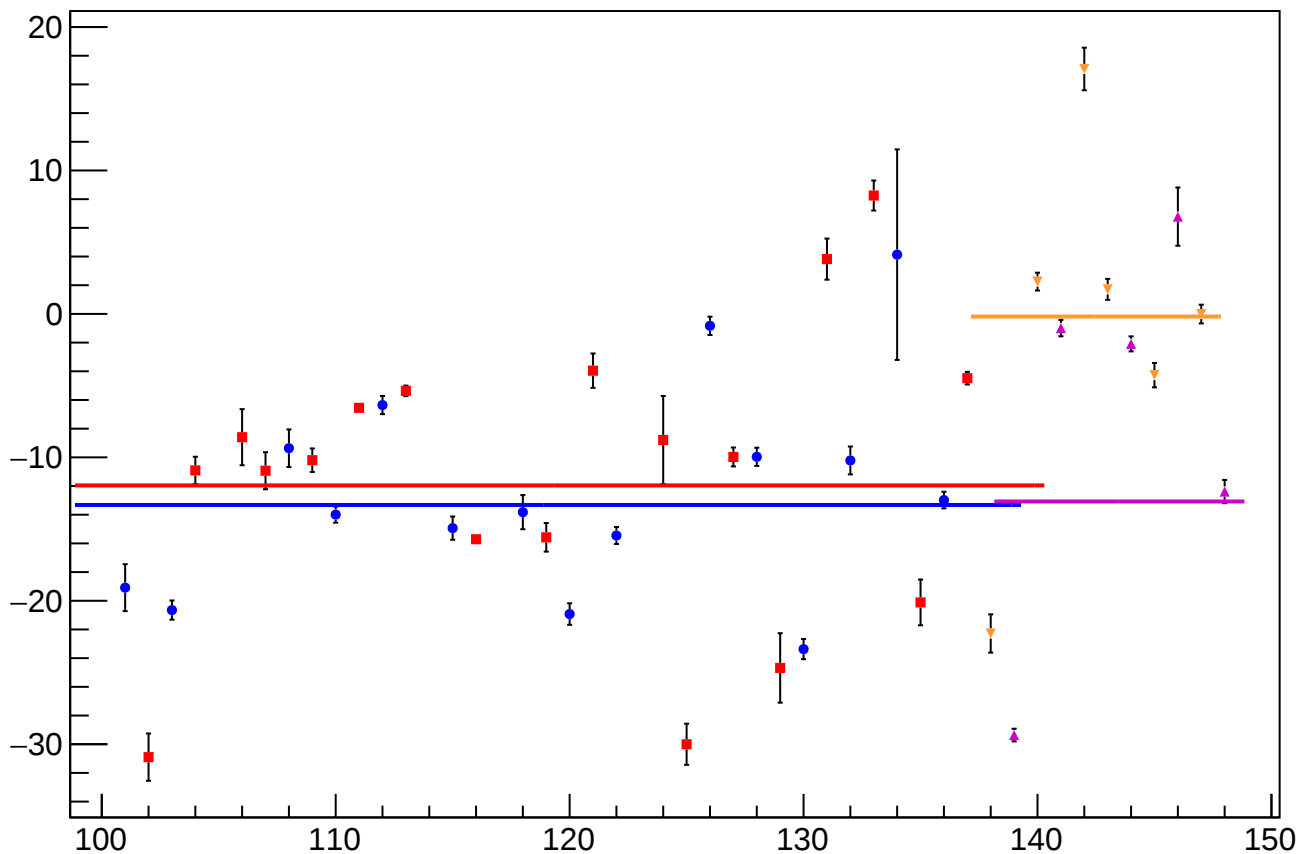
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -219.946+/-0.026 χ^2/NDF : 809094.2/19

Out: -218.969+/-0.027 χ^2/NDF : 1030288.4/23

All: -219.479+/-0.019 χ^2/NDF : 1840074.5/43

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -0.182 ± 0.330 $\chi^2/\text{NDF}: 454.2/5$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -13.077 ± 0.272 $\chi^2/\text{NDF}: 2329.5/4$

Left: -7.859 ± 0.210 $\chi^2/\text{NDF}: 3694.4/10$

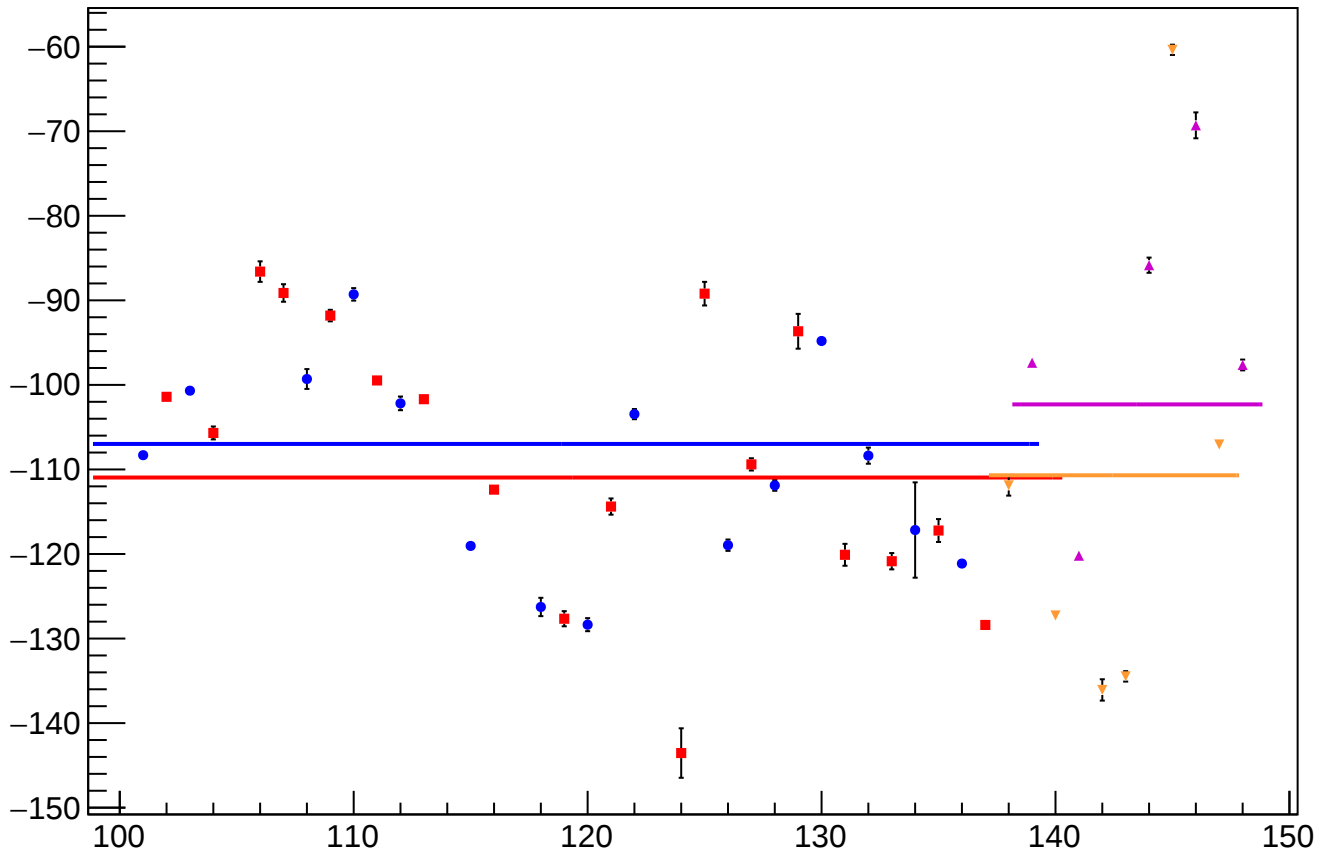
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -13.239 ± 0.158 $\chi^2/\text{NDF}: 3343.1/19$

Out: -10.727 ± 0.107 $\chi^2/\text{NDF}: 4083.5/23$

All: -11.514 ± 0.088 $\chi^2/\text{NDF}: 7600.7/43$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Left: -106.186 ± 0.179 $\chi^2/\text{NDF}: 13035.7/10$

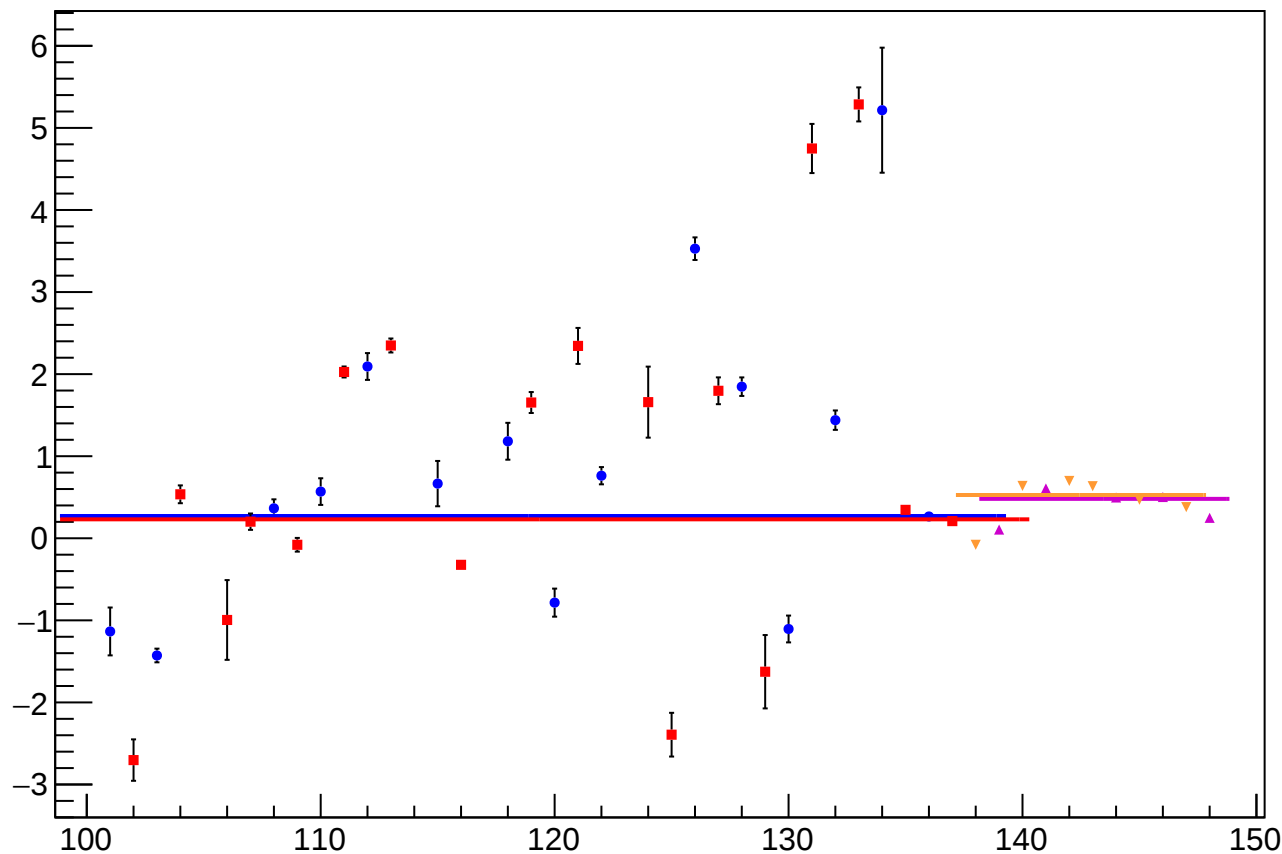
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -106.194 ± 0.100 $\chi^2/\text{NDF}: 7524.9/19$

Out: -110.945 ± 0.049 $\chi^2/\text{NDF}: 20604.5/23$

All: -110.021 ± 0.044 $\chi^2/\text{NDF}: 29936.6/43$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.527 ± 0.005 $\chi^2/\text{NDF}: 1297.2/5$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.480 ± 0.004 $\chi^2/\text{NDF}: 2561.9/4$

Left: 0.496 ± 0.003 $\chi^2/\text{NDF}: 3917.4/10$

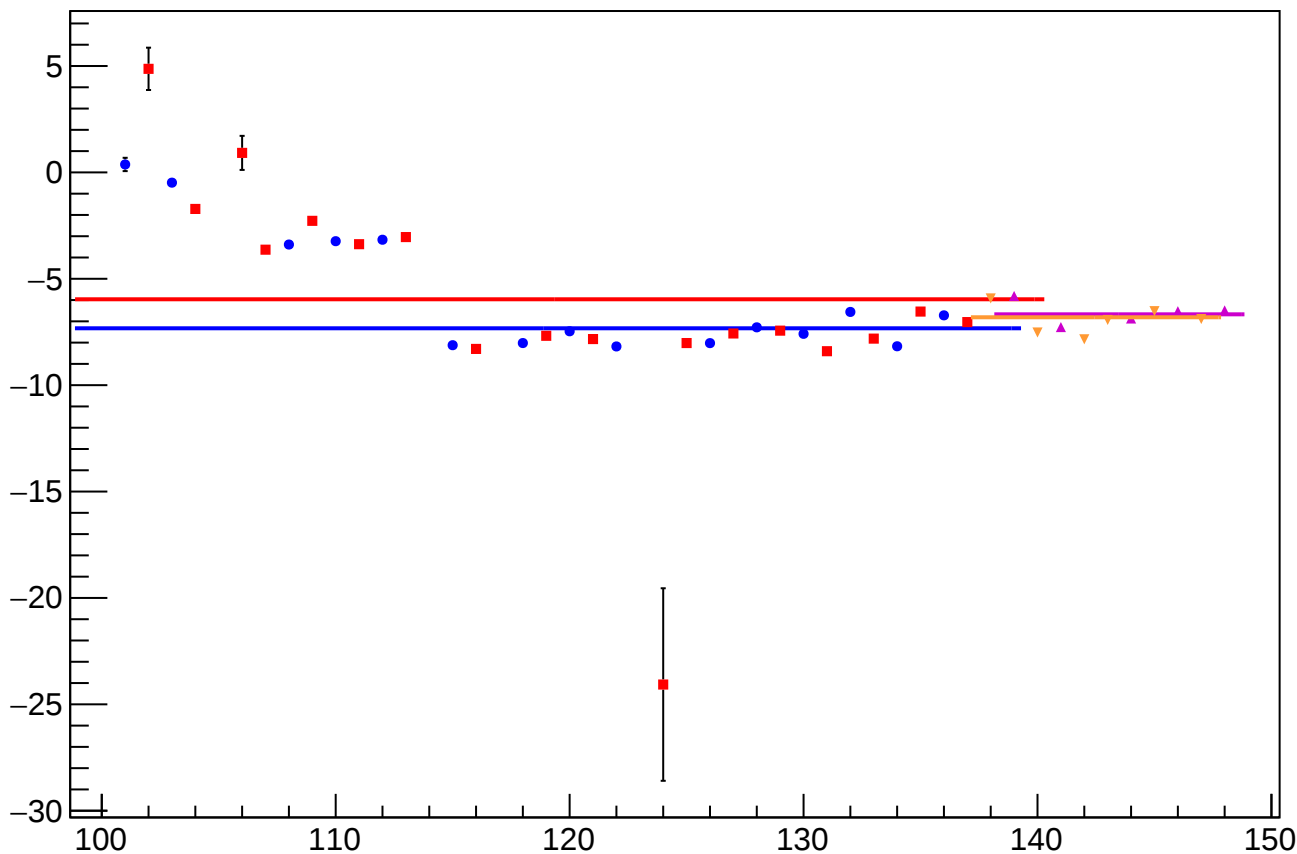
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.415 ± 0.003 $\chi^2/\text{NDF}: 5236.4/19$

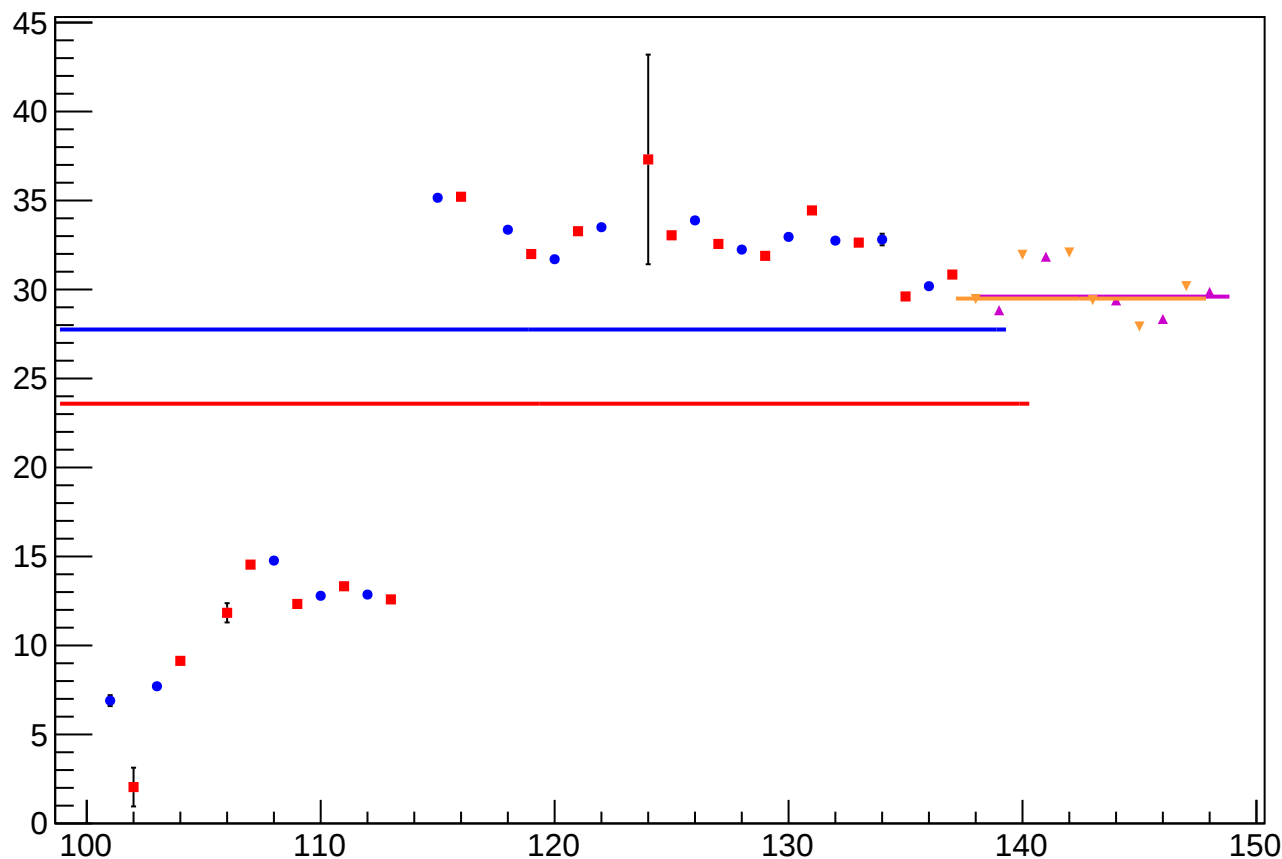
Out: 0.360 ± 0.003 $\chi^2/\text{NDF}: 6169.6/23$

All: 0.391 ± 0.002 $\chi^2/\text{NDF}: 11559.0/43$

dit_sam3_4aY_slope vs Slug, Sign Corrected



dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 29.491 $\pm$ 0.020 χ^2/NDF : 5850.5/5

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.601 $\pm$ 0.023 χ^2/NDF : 1450.3/4

Left: 29.538 $\pm$ 0.015 χ^2/NDF : 7313.8/10

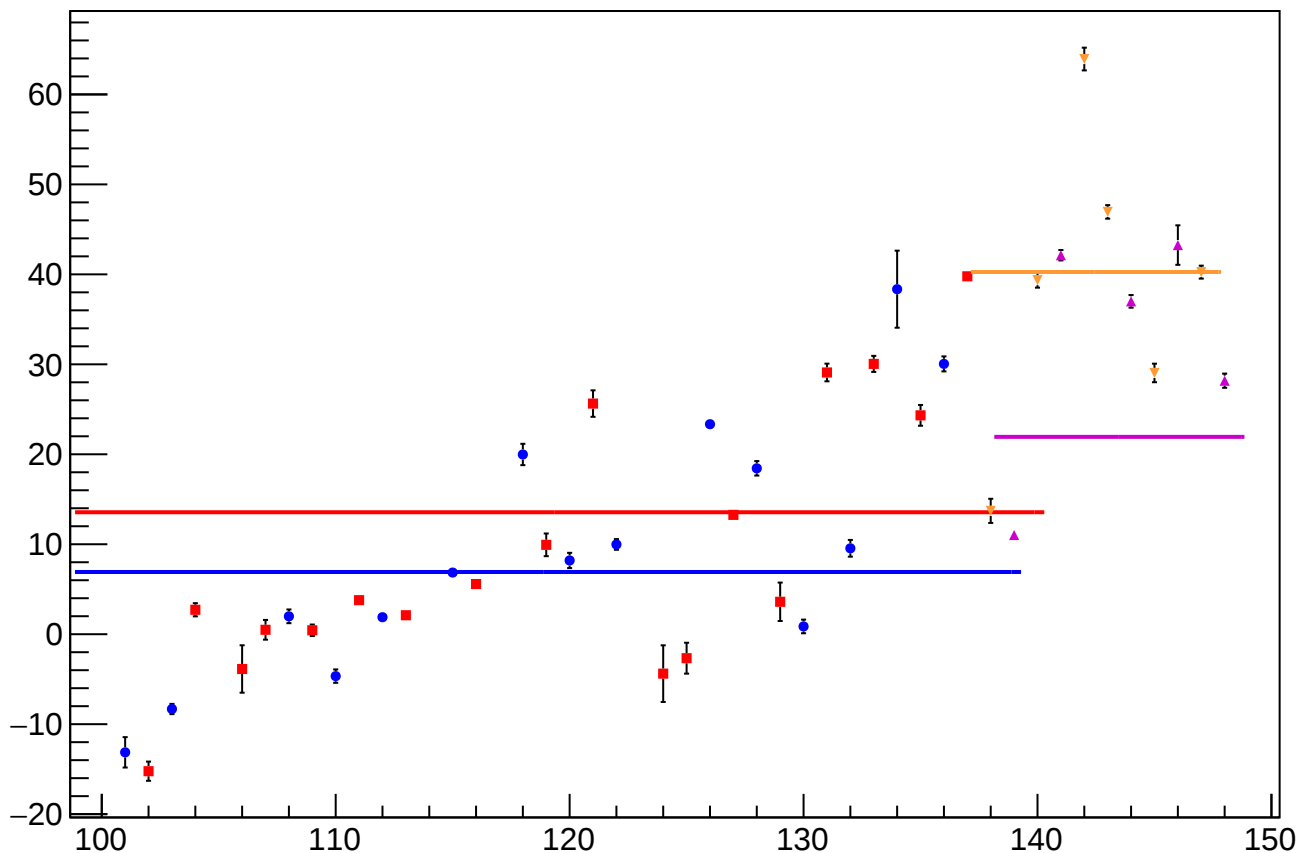
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.309 $\pm$ 0.013 χ^2/NDF : 338932.7/19

Out: 25.485 $\pm$ 0.011 χ^2/NDF : 605139.6/23

All: 26.747 $\pm$ 0.008 χ^2/NDF : 972017.2/43

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 40.264 ± 0.371 $\chi^2/\text{NDF}: 940.6/5$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 21.937 ± 0.247 $\chi^2/\text{NDF}: 2978.0/4$

Left: 27.544 ± 0.205 $\chi^2/\text{NDF}: 5608.5/10$

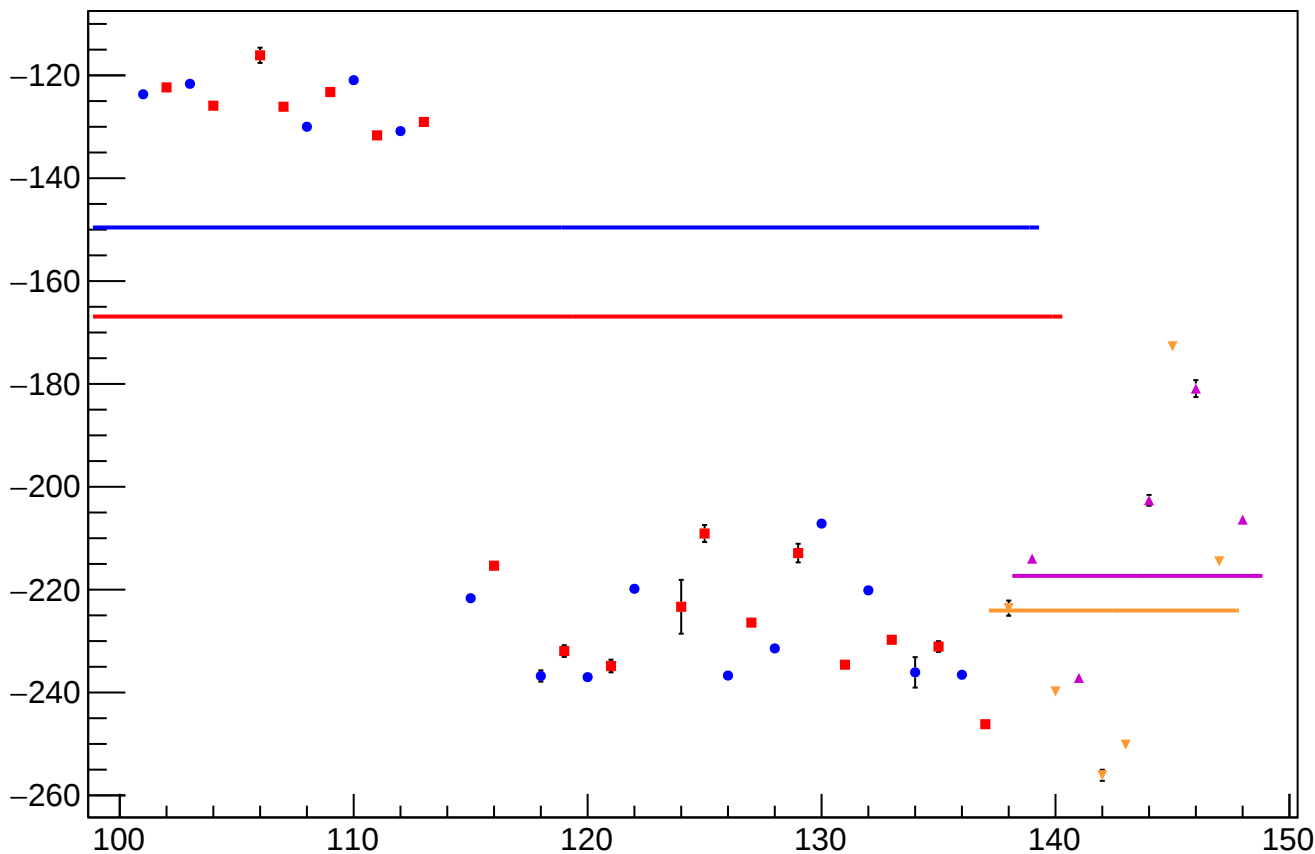
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 12.007 ± 0.144 $\chi^2/\text{NDF}: 8934.2/19$

Out: 17.092 ± 0.135 $\chi^2/\text{NDF}: 17084.0/23$

All: 14.703 ± 0.098 $\chi^2/\text{NDF}: 26683.6/43$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -224.059 ± 0.307 $\chi^2/\text{NDF}: 8391.2/5$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -217.323 ± 0.218 $\chi^2/\text{NDF}: 3038.8/4$

Left: -219.579 ± 0.178 $\chi^2/\text{NDF}: 11750.4/10$

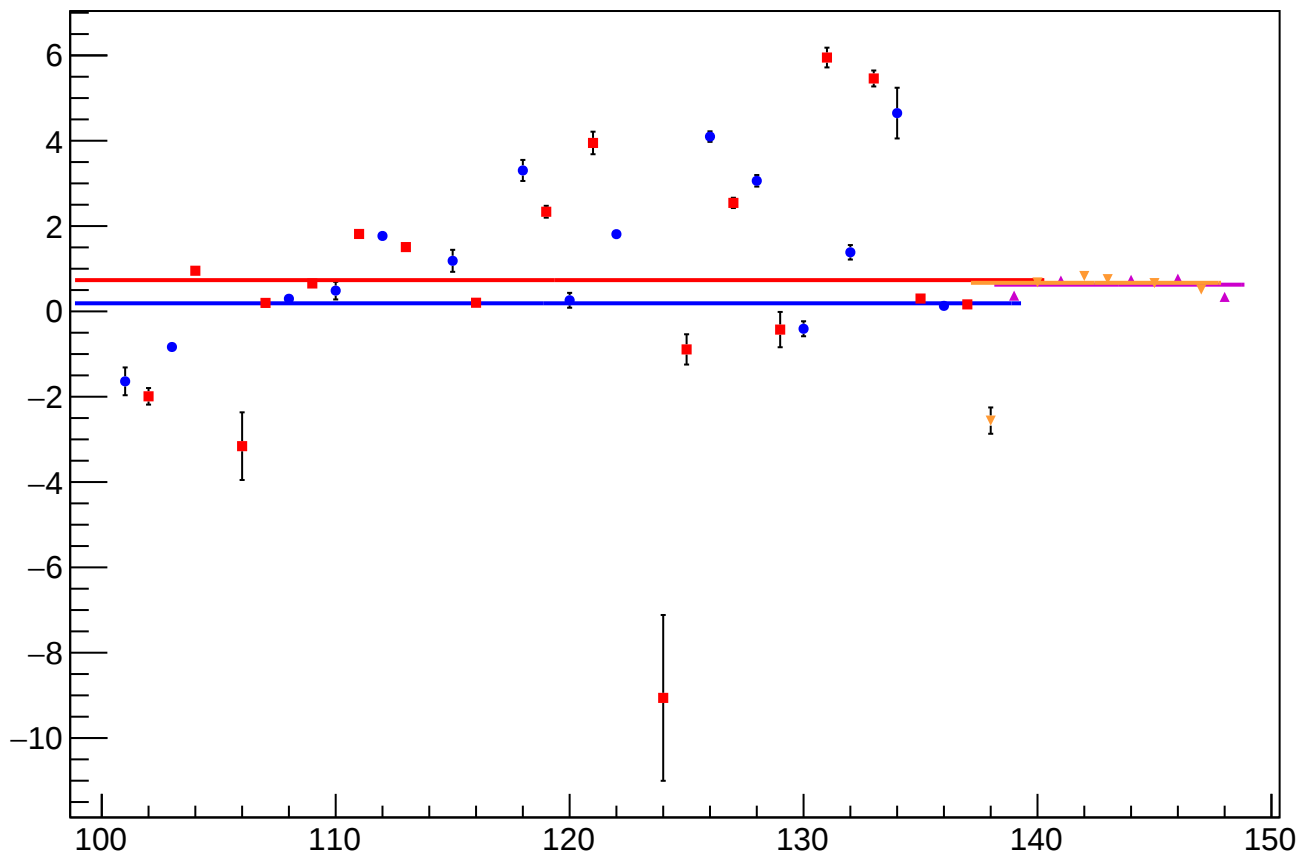
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -161.549 ± 0.092 $\chi^2/\text{NDF}: 277814.9/19$

Out: -172.444 ± 0.096 $\chi^2/\text{NDF}: 335203.8/23$

All: -166.760 ± 0.066 $\chi^2/\text{NDF}: 619795.5/43$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.670 ± 0.007 $\chi^2/\text{NDF}: 411.1/5$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.626 ± 0.005 $\chi^2/\text{NDF}: 1019.7/4$

Left: 0.643 ± 0.004 $\chi^2/\text{NDF}: 1456.9/10$

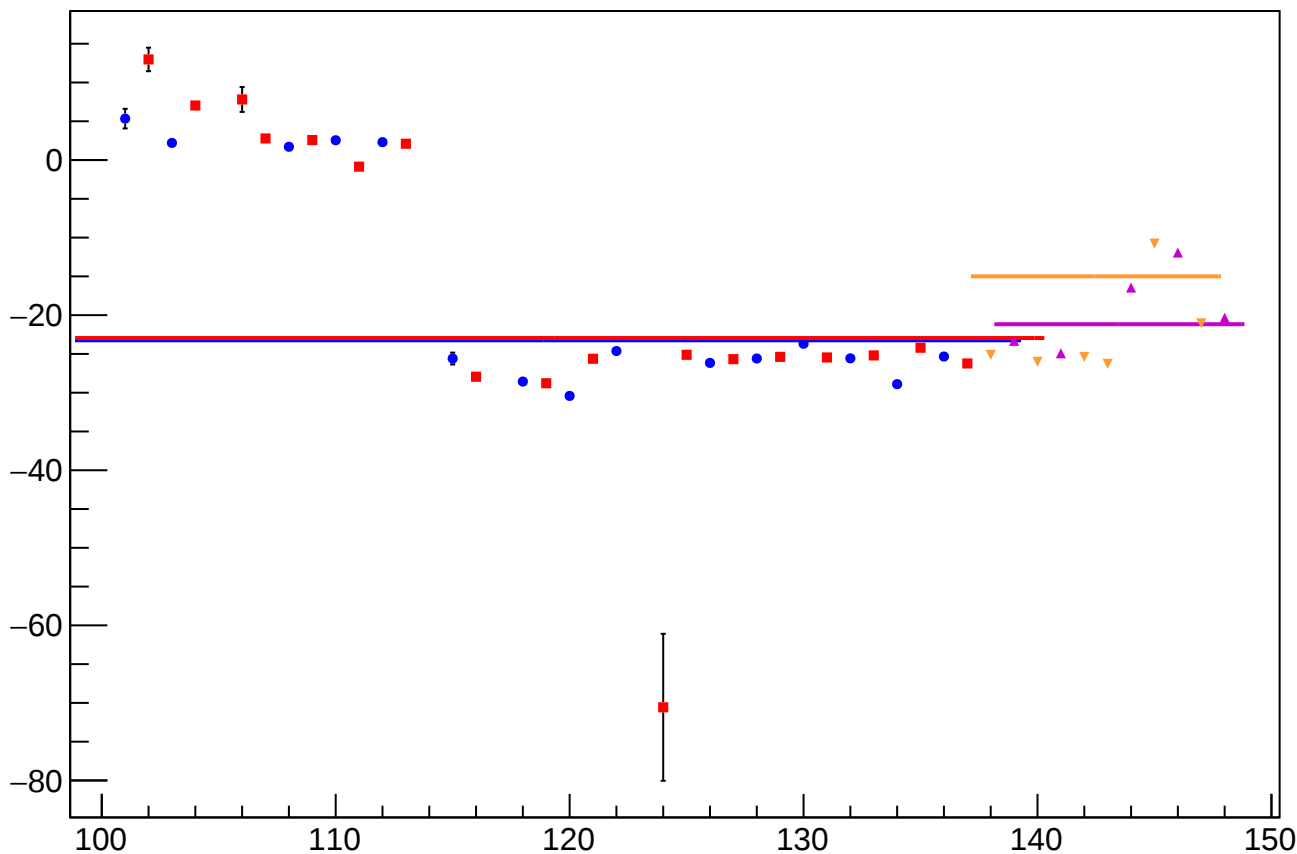
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.506 ± 0.005 $\chi^2/\text{NDF}: 5606.1/19$

Out: 0.677 ± 0.006 $\chi^2/\text{NDF}: 3087.1/23$

All: 0.562 ± 0.004 $\chi^2/\text{NDF}: 9166.5/43$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -14.996 ± 0.021 $\chi^2/\text{NDF}: 87964.8/5$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.168 ± 0.043 $\chi^2/\text{NDF}: 7859.2/4$

Left: -16.220 ± 0.019 $\chi^2/\text{NDF}: 112169.7/10$

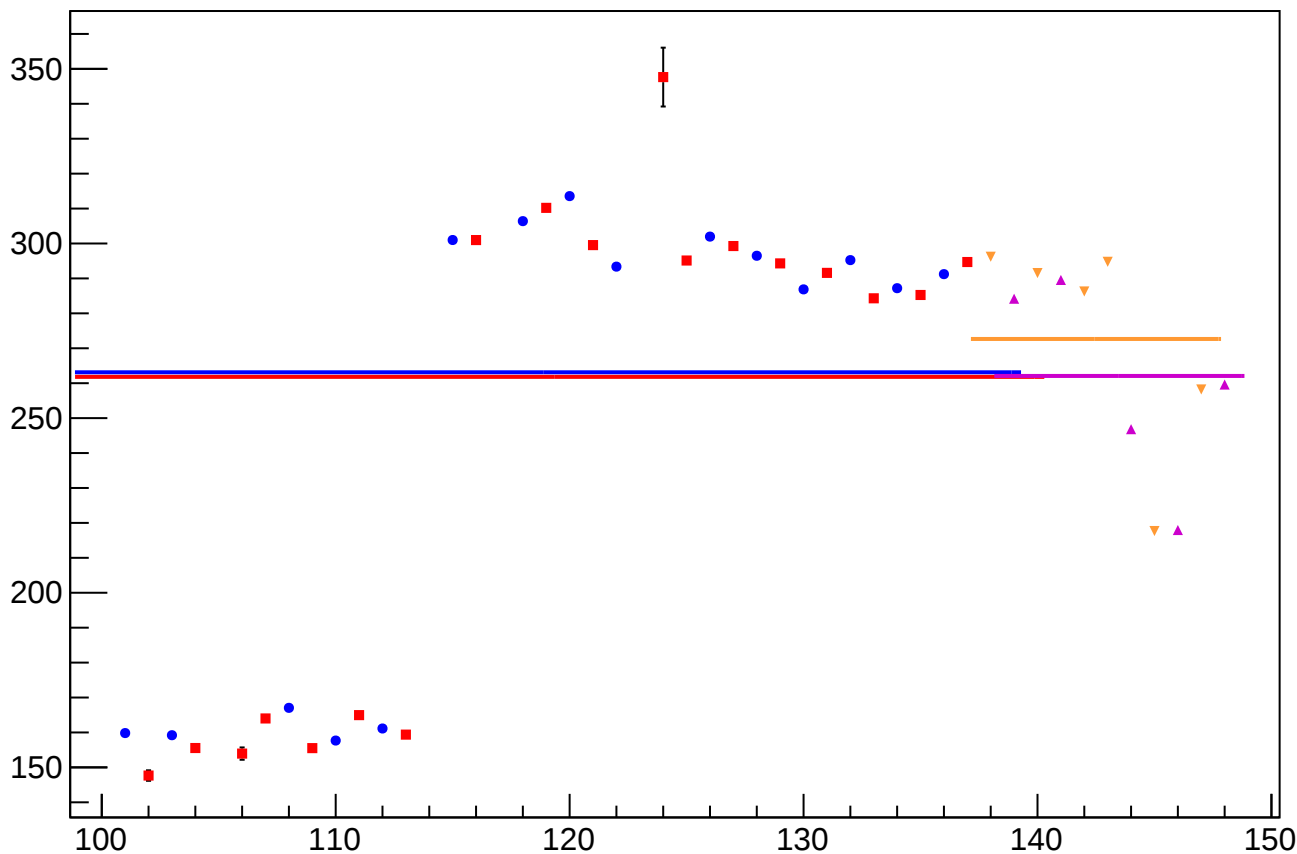
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.729 ± 0.021 $\chi^2/\text{NDF}: 112693.6/19$

Out: -18.426 ± 0.016 $\chi^2/\text{NDF}: 255047.3/23$

All: -19.987 ± 0.013 $\chi^2/\text{NDF}: 393287.1/43$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 272.664+/-0.073 χ^2/NDF : 171349.5/5

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 262.077+/-0.085 χ^2/NDF : 34697.7/4

Left: 268.173+/-0.055 χ^2/NDF : 215077.2/10

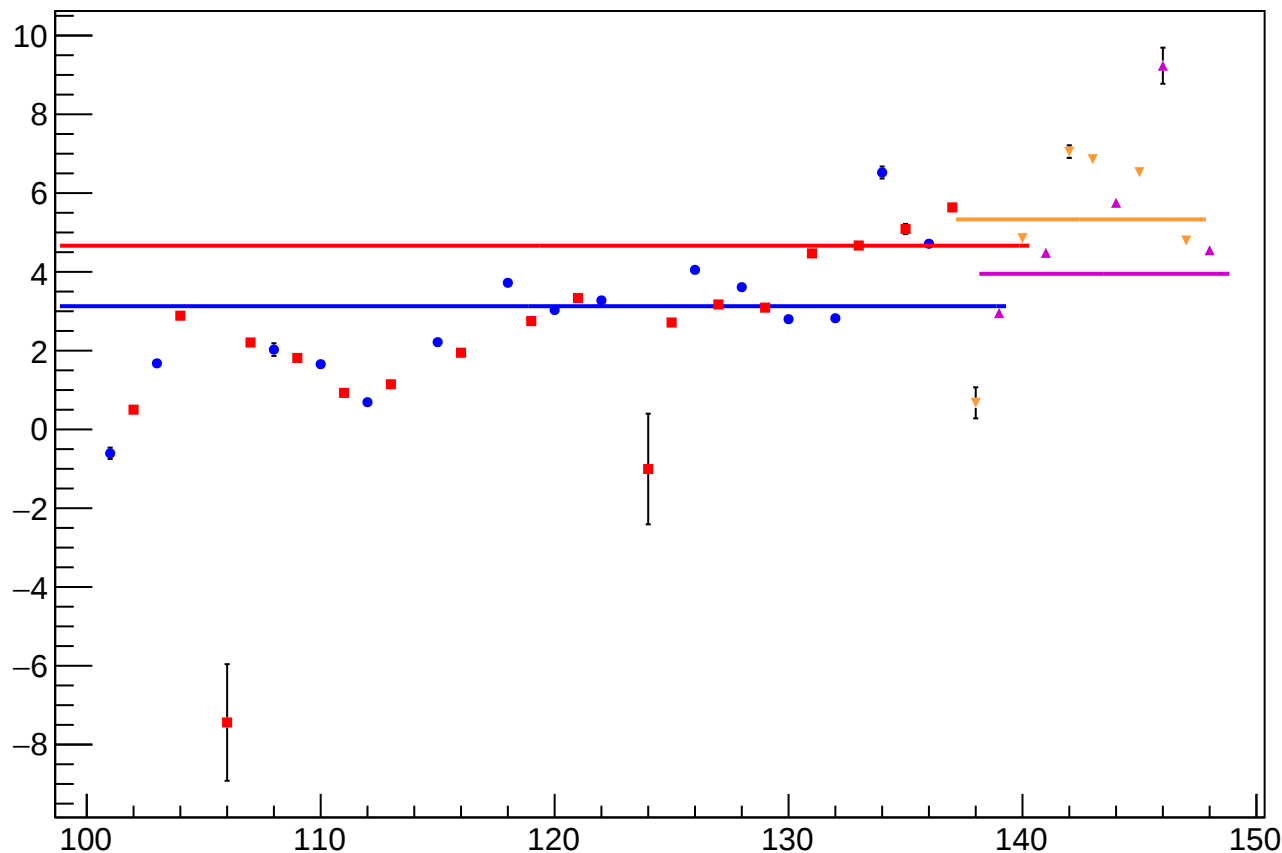
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.703+/-0.053 χ^2/NDF : 727674.4/19

Out: 266.258+/-0.046 χ^2/NDF : 1190739.8/23

All: 264.730+/-0.035 χ^2/NDF : 1920933.7/43

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.333 ± 0.036 $\chi^2/\text{NDF}: 760.6/5$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 3.951 ± 0.026 $\chi^2/\text{NDF}: 1533.6/4$

Left: 4.427 ± 0.021 $\chi^2/\text{NDF}: 3277.2/10$

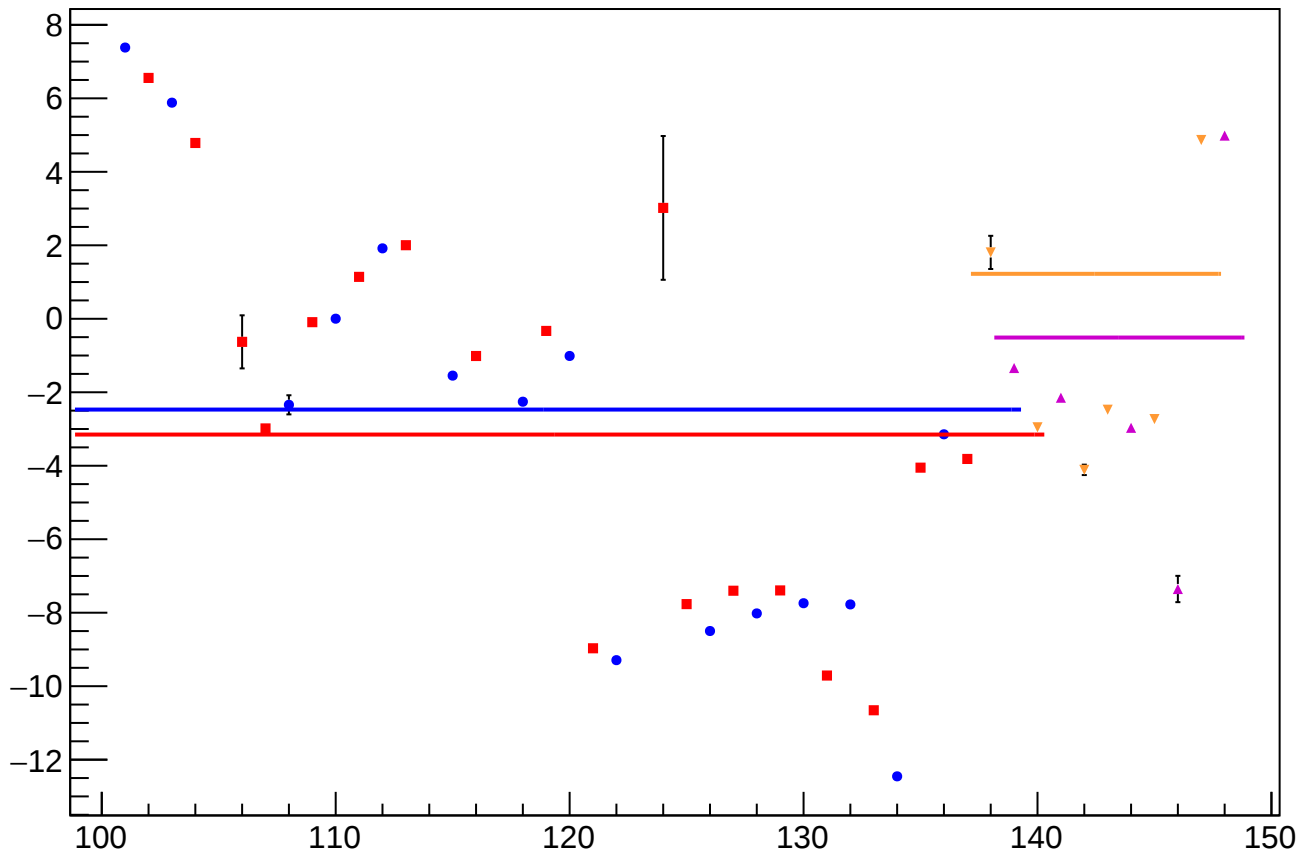
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.351 ± 0.013 $\chi^2/\text{NDF}: 7939.2/19$

Out: 4.685 ± 0.006 $\chi^2/\text{NDF}: 67963.0/23$

All: 4.448 ± 0.006 $\chi^2/\text{NDF}: 83983.0/43$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 1.224 ± 0.029 χ^2/NDF : 18119.2/5

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: -0.511 ± 0.025 χ^2/NDF : 13794.9/4

Left: 0.251 ± 0.019 χ^2/NDF : 33957.9/10

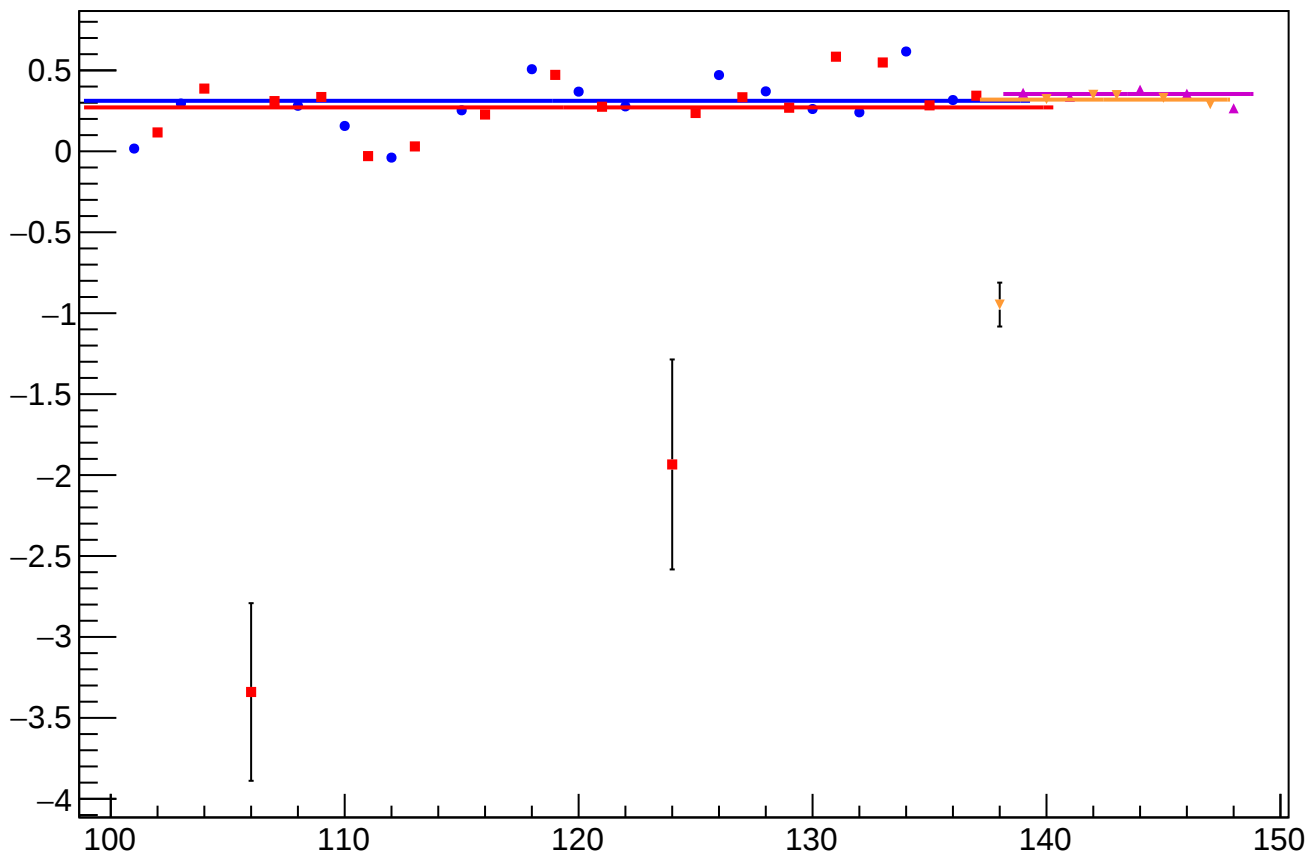
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -2.010 ± 0.012 χ^2/NDF : 260920.8/19

Out: -2.877 ± 0.007 χ^2/NDF : 287277.1/23

All: -2.656 ± 0.006 χ^2/NDF : 551885.2/43

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.319 $\pm$ 0.001 χ^2 /NDF: 512.6/5

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.354 $\pm$ 0.001 χ^2 /NDF: 1211.6/4

Left: 0.335 $\pm$ 0.001 χ^2 /NDF: 2115.4/10

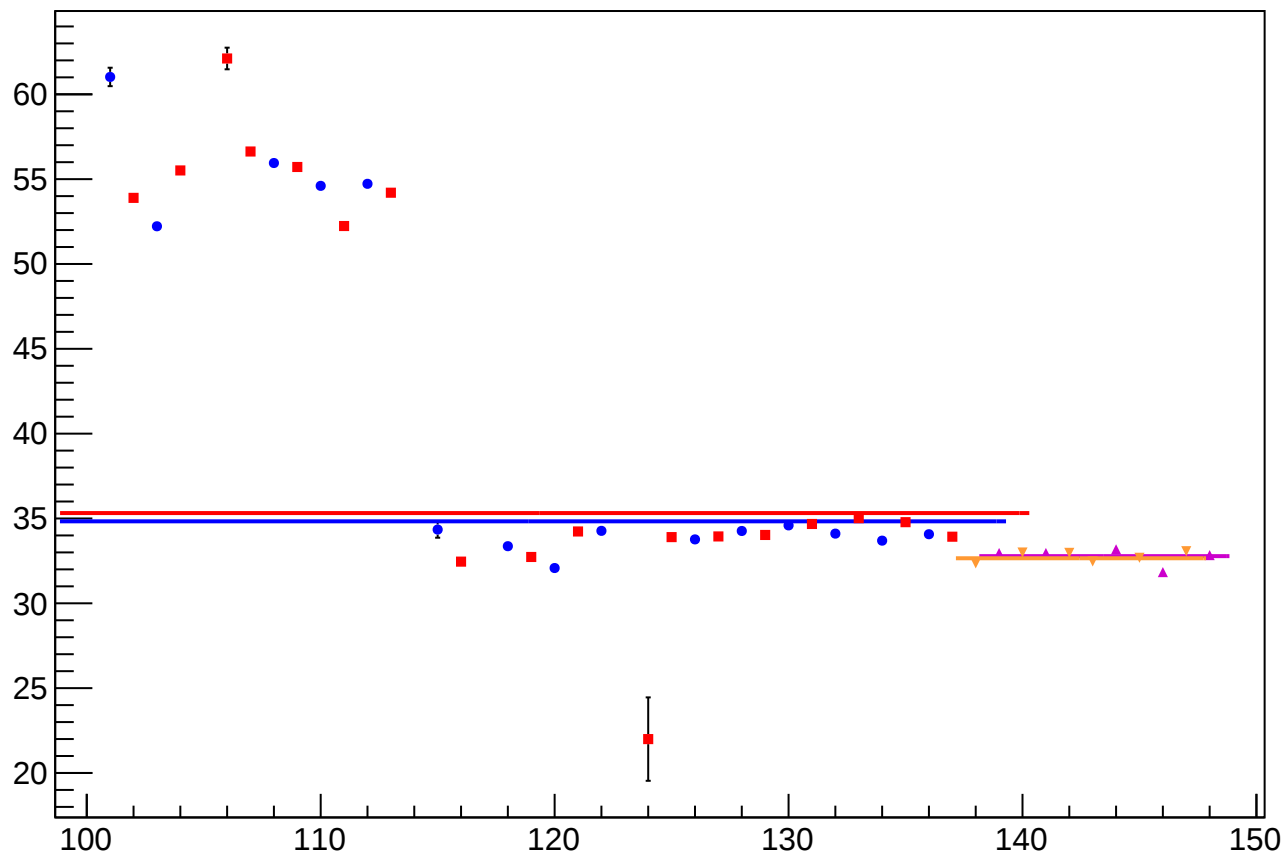
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.333 $\pm$ 0.001 χ^2 /NDF: 3070.3/19

Out: 0.308 $\pm$ 0.001 χ^2 /NDF: 7052.1/23

All: 0.322 $\pm$ 0.001 χ^2 /NDF: 10455.9/43

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.655+/-0.011 χ^2/NDF : 468.4/5

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 32.780+/-0.013 χ^2/NDF : 1415.2/4

Left: 32.710+/-0.009 χ^2/NDF : 1935.4/10

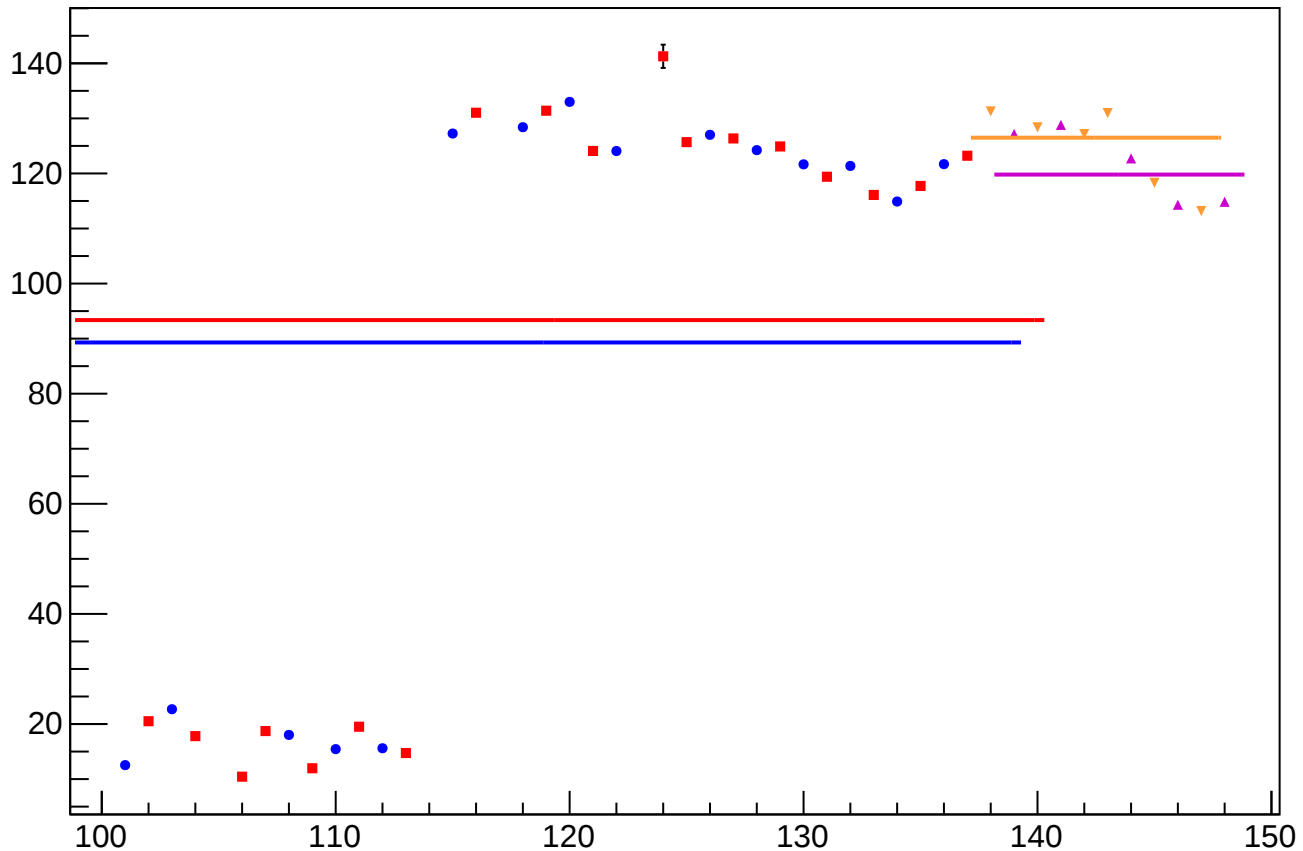
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 34.210+/-0.007 χ^2/NDF : 264145.9/19

Out: 34.177+/-0.008 χ^2/NDF : 292684.8/23

All: 34.194+/-0.005 χ^2/NDF : 556841.1/43

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 126.495 $\pm$ 0.034 χ^2 /NDF: 29387.3/5

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 119.793 $\pm$ 0.039 χ^2 /NDF: 25441.2/4

Left: 123.573 $\pm$ 0.026 χ^2 /NDF: 71548.9/10

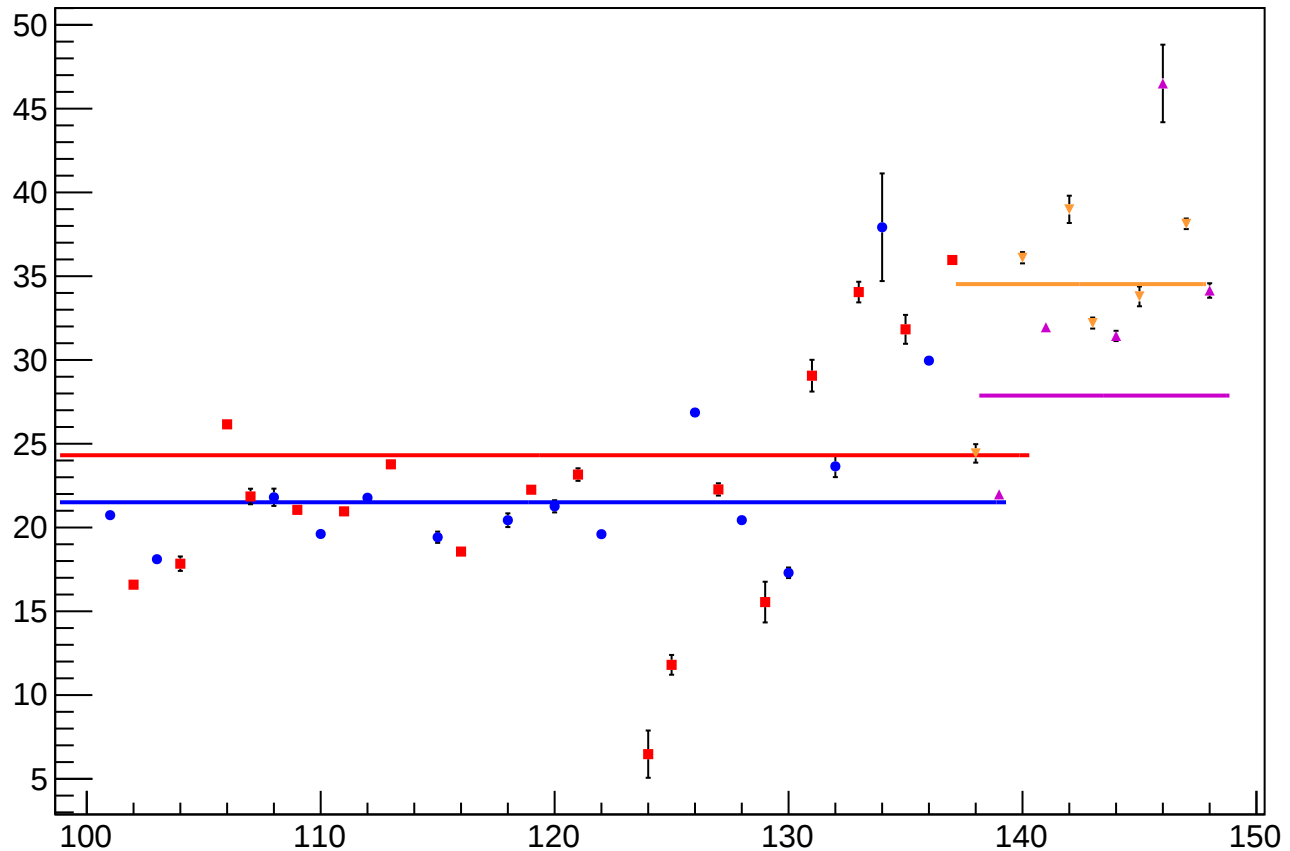
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 99.424 $\pm$ 0.022 χ^2 /NDF: 3469866.3/19

Out: 107.733 $\pm$ 0.023 χ^2 /NDF: 3412727.7/23

All: 103.559 $\pm$ 0.016 χ^2 /NDF: 6950912.6/43

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 34.528 ± 0.167 $\chi^2/\text{NDF}: 569.5/5$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 27.875 ± 0.135 $\chi^2/\text{NDF}: 1468.8/4$

Left: 30.510 ± 0.105 $\chi^2/\text{NDF}: 2994.8/10$

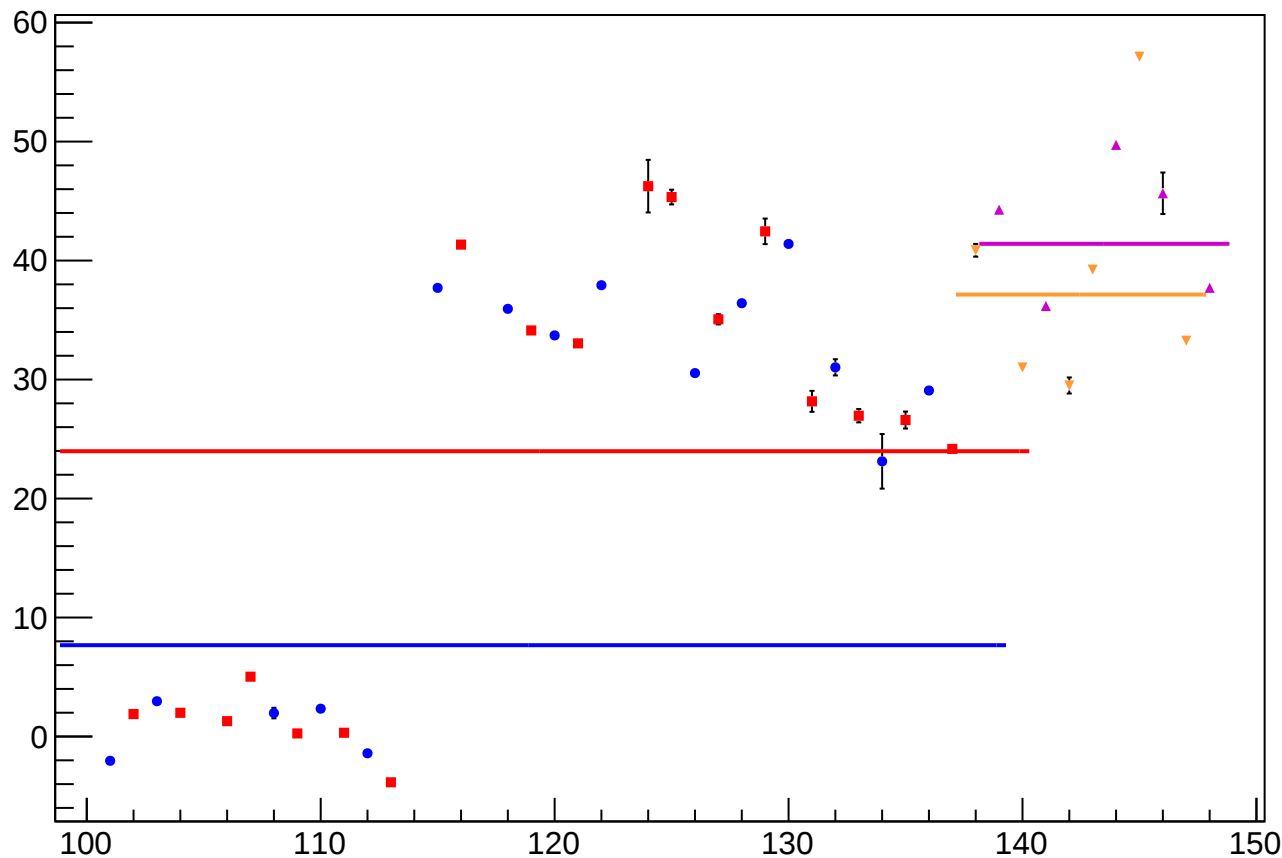
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 22.921 ± 0.064 $\chi^2/\text{NDF}: 6152.8/19$

Out: 25.427 ± 0.055 $\chi^2/\text{NDF}: 18190.8/23$

All: 24.354 ± 0.042 $\chi^2/\text{NDF}: 25226.4/43$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 37.143 ± 0.138 χ^2/NDF : 3145.7/5

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 41.408 ± 0.118 χ^2/NDF : 1519.2/4

Left: 39.619 ± 0.090 χ^2/NDF : 5216.8/10

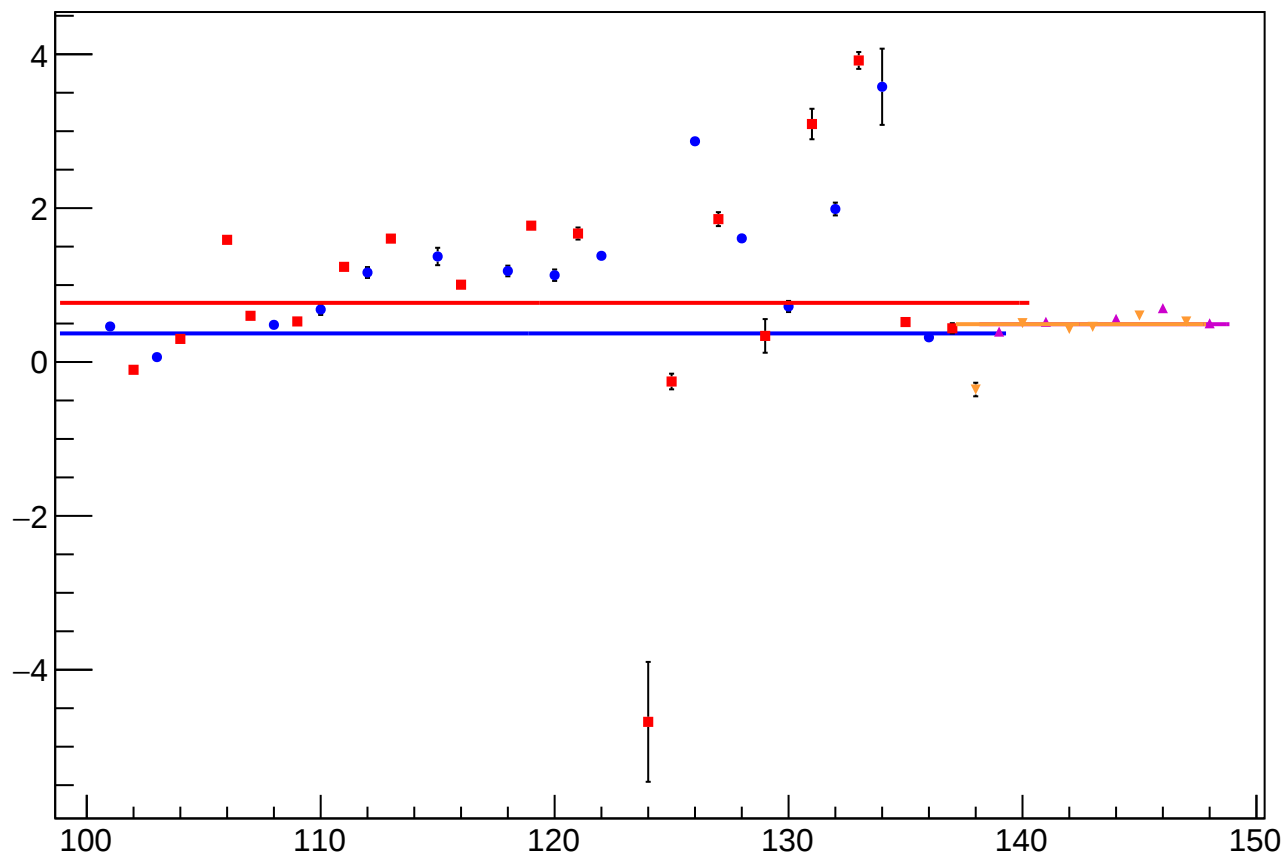
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 12.024 ± 0.042 χ^2/NDF : 169651.3/19

Out: 24.023 ± 0.008 χ^2/NDF : 122733.9/23

All: 23.590 ± 0.008 χ^2/NDF : 370254.1/43

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.492 ± 0.002 $\chi^2/\text{NDF}: 322.5/5$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.491 ± 0.003 $\chi^2/\text{NDF}: 606.7/4$

Left: 0.492 ± 0.002 $\chi^2/\text{NDF}: 929.2/10$

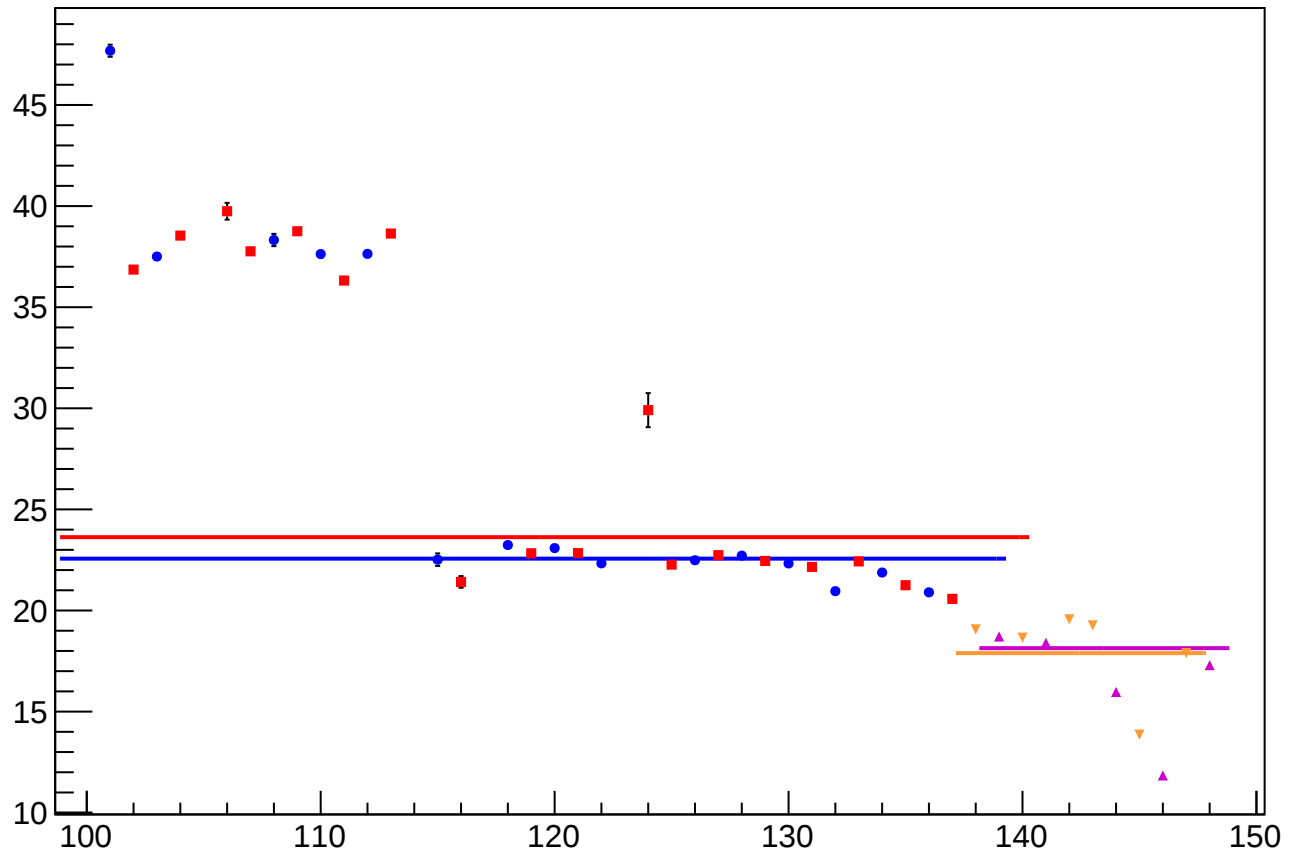
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.457 ± 0.002 $\chi^2/\text{NDF}: 5896.9/19$

Out: 0.522 ± 0.002 $\chi^2/\text{NDF}: 5881.7/23$

All: 0.490 ± 0.002 $\chi^2/\text{NDF}: 12170.4/43$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.892 $\pm$ 0.011 χ^2 /NDF: 35377.3/5

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 18.139 $\pm$ 0.018 χ^2 /NDF: 4316.4/4

Left: 17.965 $\pm$ 0.009 χ^2 /NDF: 39833.5/10

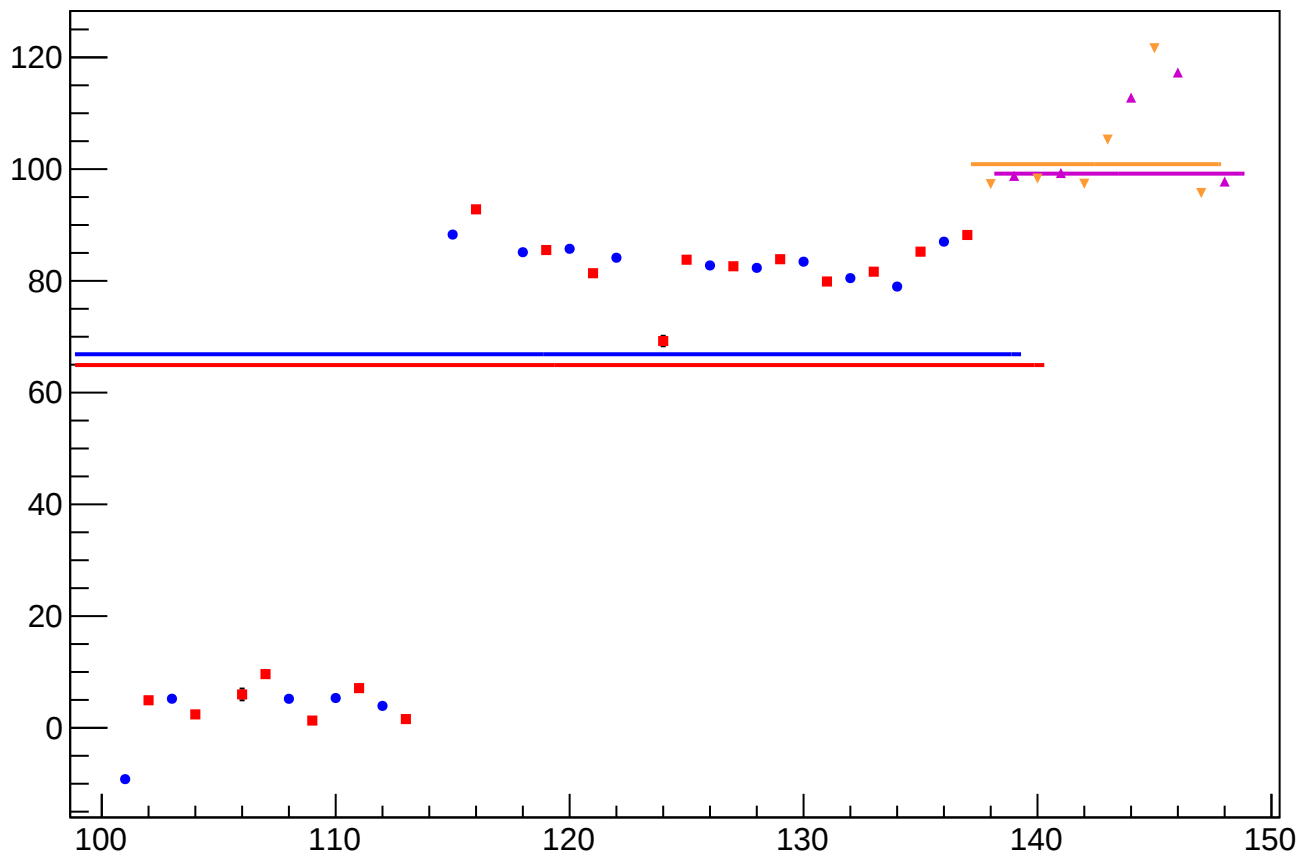
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 21.448 $\pm$ 0.009 χ^2 /NDF: 144913.3/19

Out: 20.776 $\pm$ 0.008 χ^2 /NDF: 288415.7/23

All: 21.078 $\pm$ 0.006 χ^2 /NDF: 436546.5/43

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 100.887+/-0.027 χ^2/NDF : 57316.4/5

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 99.190+/-0.029 χ^2/NDF : 4723.3/4

Left: 100.102+/-0.020 χ^2/NDF : 63836.4/10

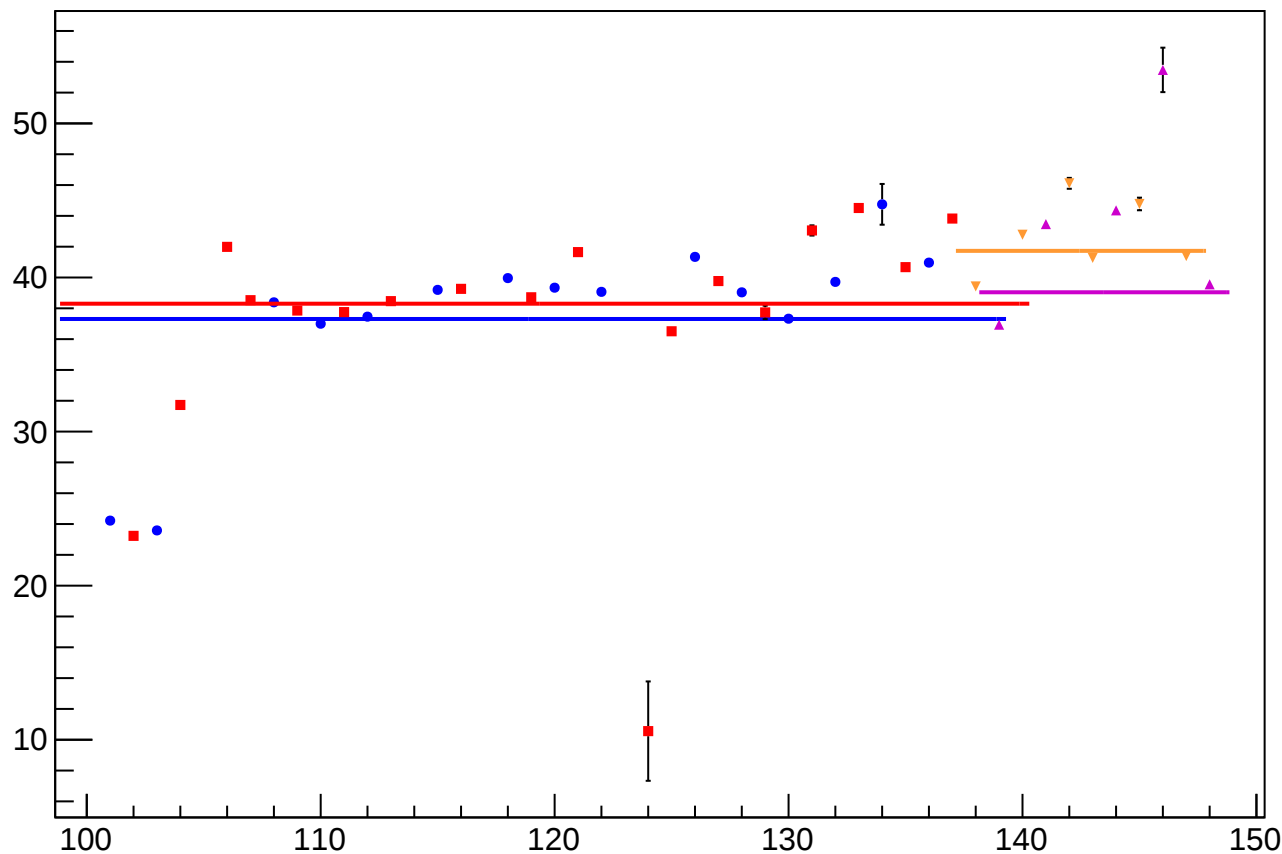
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 81.715+/-0.020 χ^2/NDF : 2154404.8/19

Out: 84.483+/-0.020 χ^2/NDF : 2187537.4/23

All: 83.087+/-0.014 χ^2/NDF : 4351532.0/43

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 41.729 $\pm$ 0.067 χ^2 /NDF:376.2/5

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 39.041 $\pm$ 0.054 χ^2 /NDF:3016.0/4

Left: 40.102 $\pm$ 0.042 χ^2 /NDF: 4370.3/10

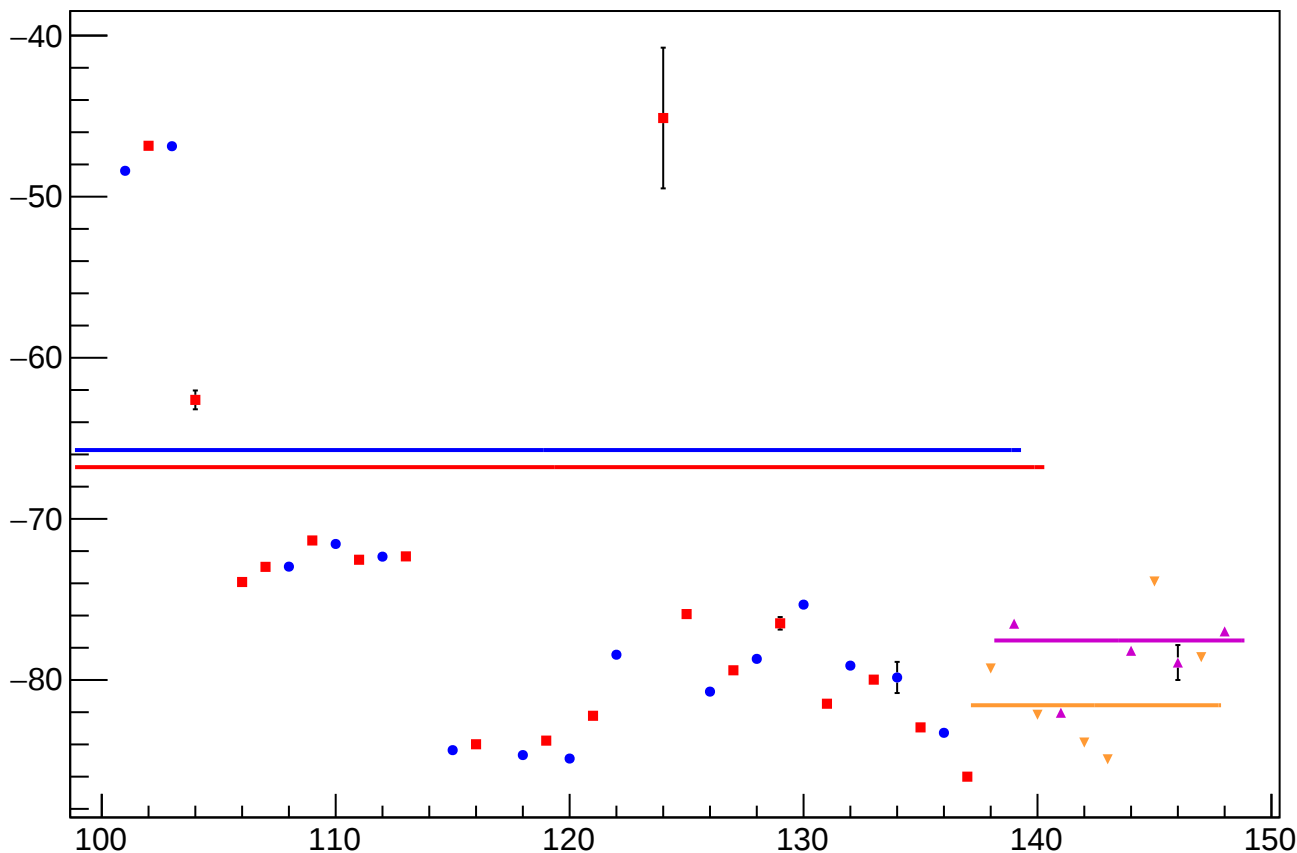
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.576 $\pm$ 0.021 χ^2 /NDF:63467.5/19

Out: 38.595 $\pm$ 0.020 χ^2 /NDF:21619.7/23

All: 38.125 $\pm$ 0.014 χ^2 /NDF: 86330.8/43

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -81.568 ± 0.056 $\chi^2/\text{NDF}: 3003.8/5$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.547 ± 0.043 $\chi^2/\text{NDF}: 2069.9/4$

Left: -79.029 ± 0.034 $\chi^2/\text{NDF}: 8325.4/10$

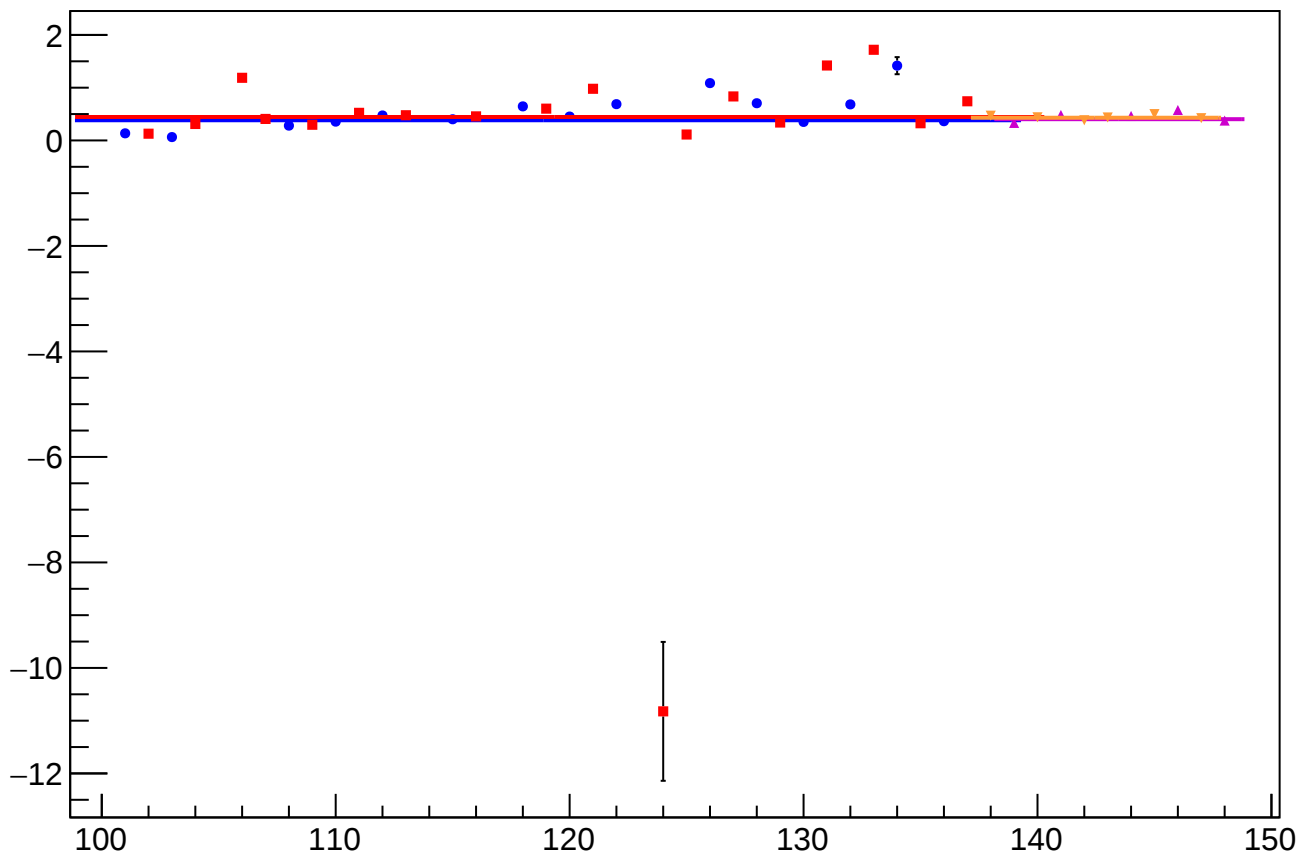
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -67.314 ± 0.016 $\chi^2/\text{NDF}: 971164.3/19$

Out: -67.878 ± 0.015 $\chi^2/\text{NDF}: 876812.9/23$

All: -67.604 ± 0.011 $\chi^2/\text{NDF}: 1848643.4/43$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.430 $\pm$ 0.001 χ^2 /NDF: 114.1/5

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.403 $\pm$ 0.002 χ^2 /NDF: 2051.0/4

Left: 0.419 $\pm$ 0.001 χ^2 /NDF: 2350.4/10

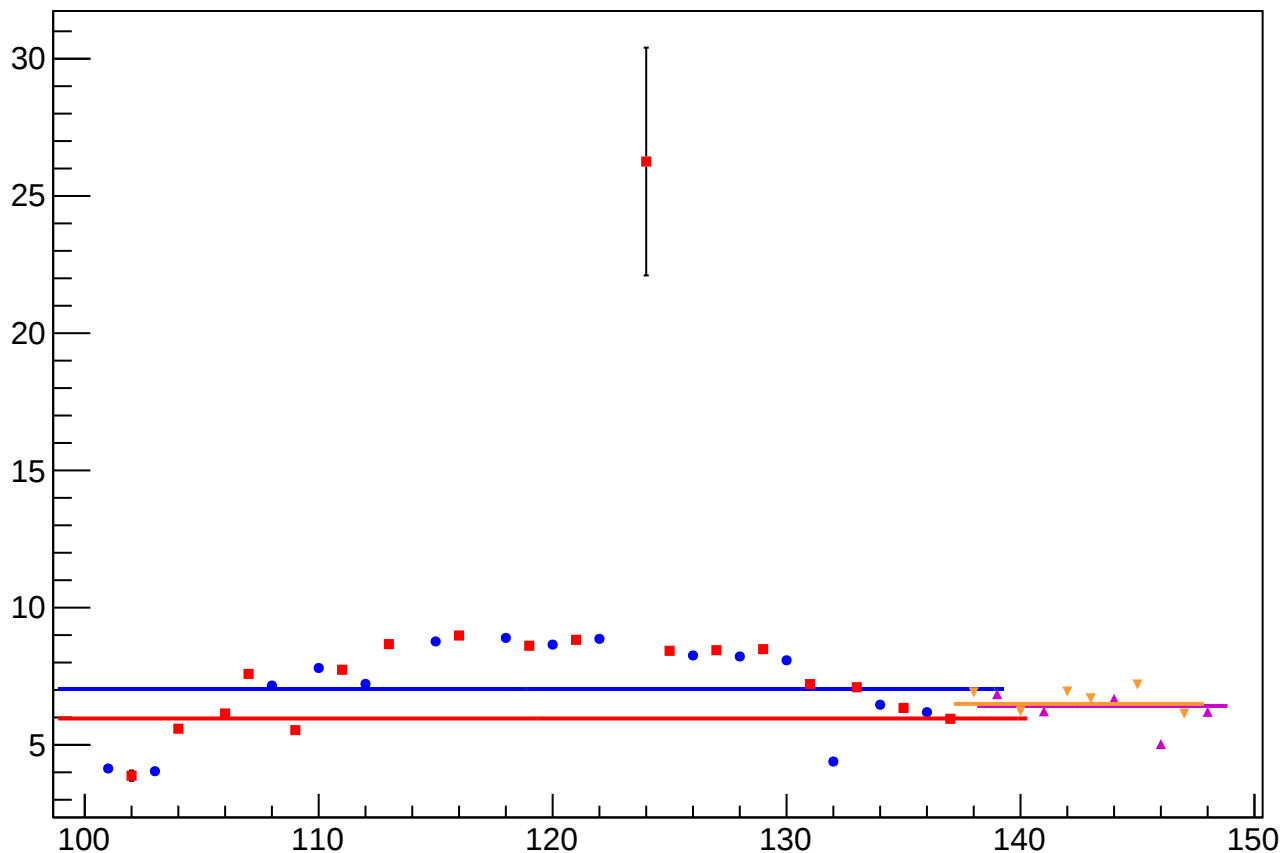
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.395 $\pm$ 0.001 χ^2 /NDF: 10294.5/19

Out: 0.432 $\pm$ 0.001 χ^2 /NDF: 2913.3/23

All: 0.413 $\pm$ 0.001 χ^2 /NDF: 13675.9/43

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.494+/-0.004 χ^2/NDF : 8520.1/5

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.418+/-0.004 χ^2/NDF : 5102.2/4

Left: 6.459+/-0.003 χ^2/NDF : 13822.5/10

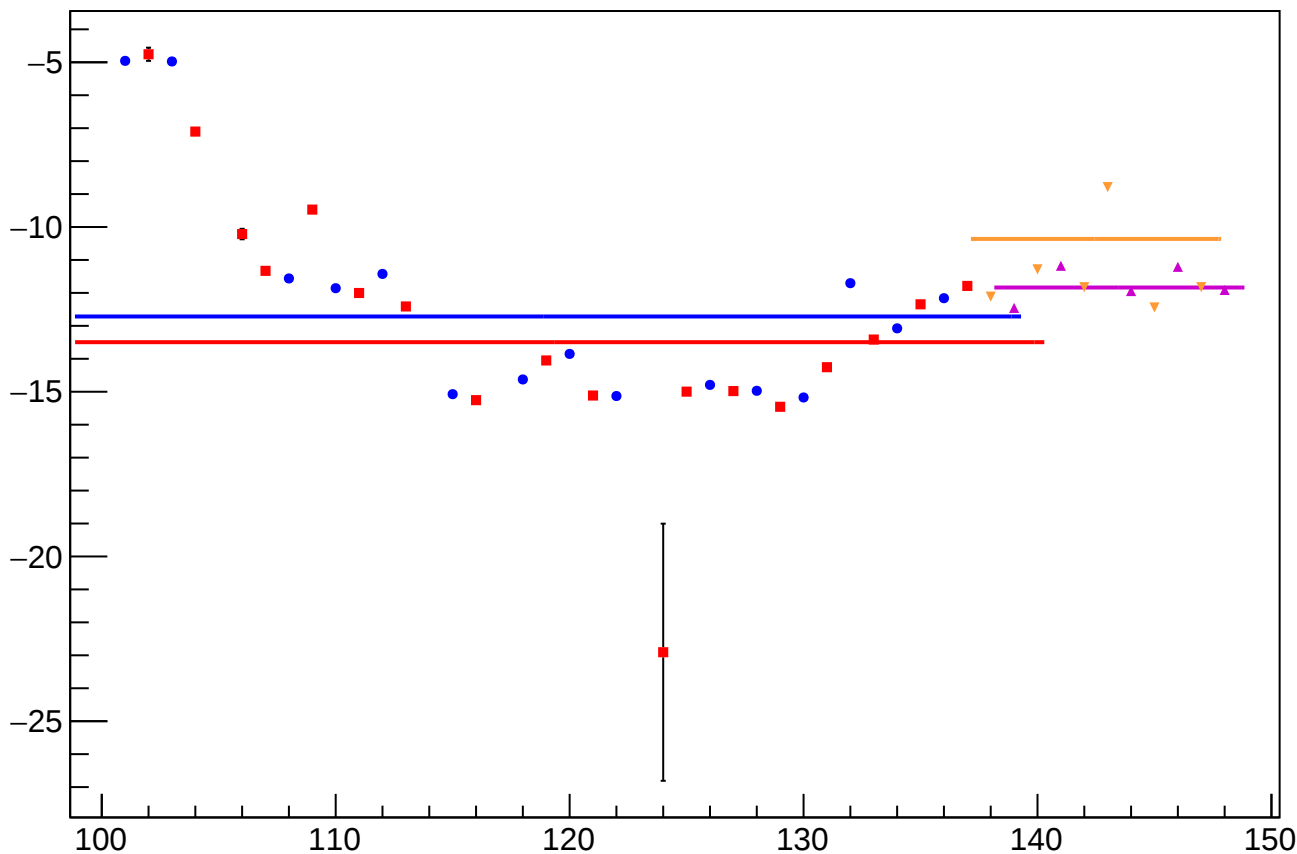
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.683+/-0.003 χ^2/NDF : 85671.3/19

Out: 5.968+/-0.000 χ^2/NDF : 197885.4/23

All: 5.981+/-0.000 χ^2/NDF : 340756.4/43

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -10.361 $\pm$ 0.004 χ^2 /NDF: 125783.6/5

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.836 $\pm$ 0.006 χ^2 /NDF: 3703.2/4

Left: -10.876 $\pm$ 0.003 χ^2 /NDF: 170001.5/10

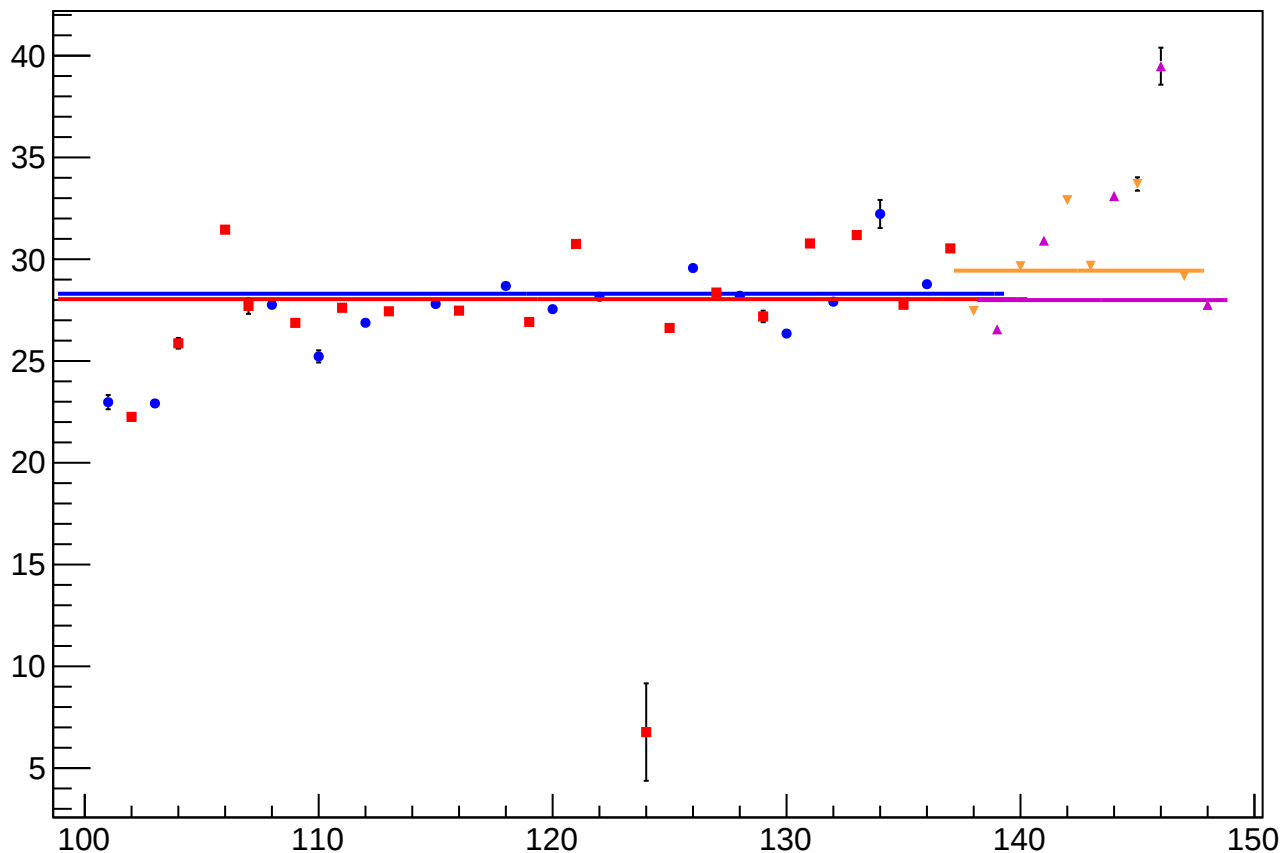
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -12.243 $\pm$ 0.004 χ^2 /NDF: 99139.2/19

Out: -11.480 $\pm$ 0.003 χ^2 /NDF: 368639.3/23

All: -11.778 $\pm$ 0.003 χ^2 /NDF: 486614.1/43

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 29.439 $\pm$ 0.044 χ^2 /NDF: 768.9/5

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 27.993 $\pm$ 0.039 χ^2 /NDF: 2846.4/4

Left: 28.641 $\pm$ 0.029 χ^2 /NDF: 4217.1/10

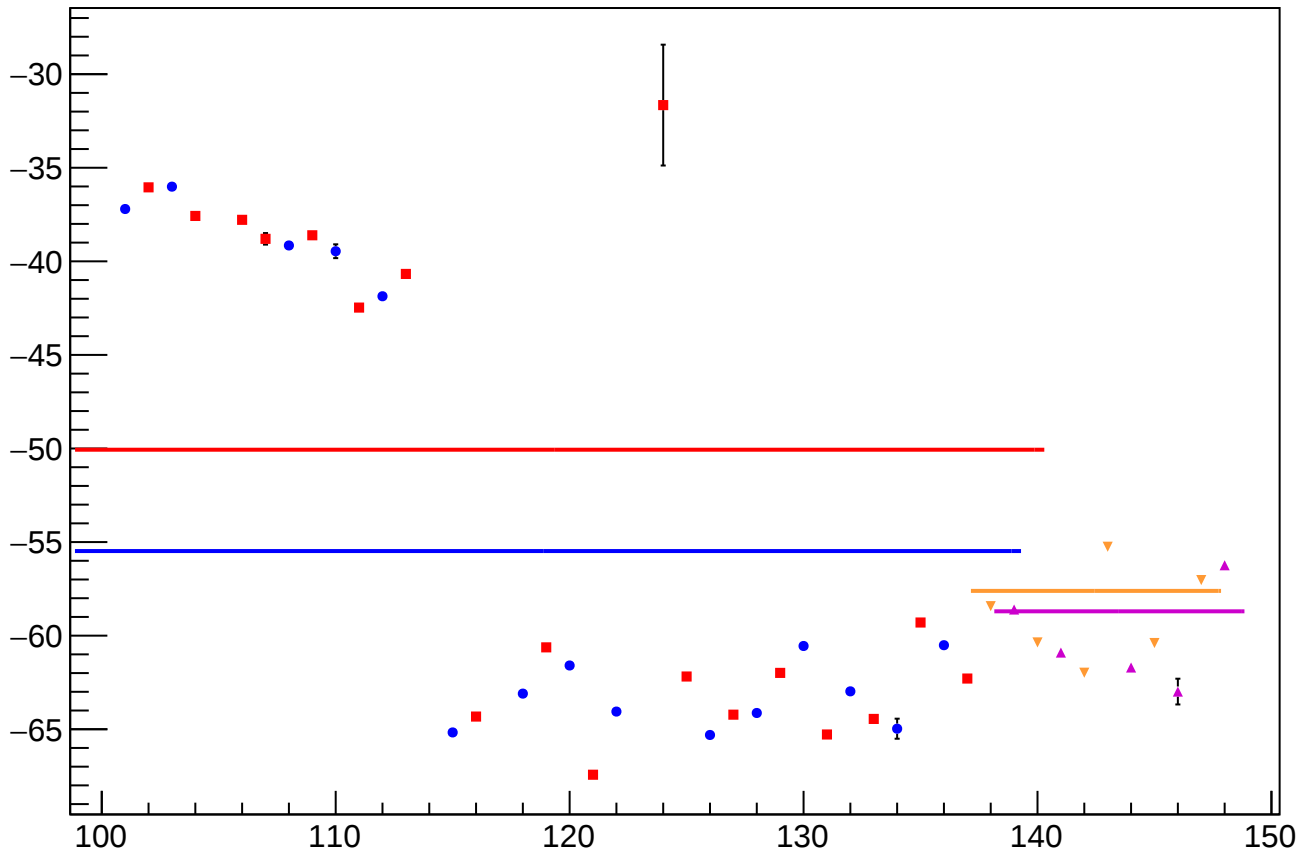
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.225 $\pm$ 0.020 χ^2 /NDF: 6292.8/19

Out: 28.493 $\pm$ 0.025 χ^2 /NDF: 4020.8/23

All: 28.329 $\pm$ 0.016 χ^2 /NDF: 10384.4/43

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -57.608 ± 0.038 $\chi^2/\text{NDF}: 3132.3/5$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -58.700 ± 0.041 $\chi^2/\text{NDF}: 2746.5/4$

Left: -58.113 ± 0.028 $\chi^2/\text{NDF}: 6252.5/10$

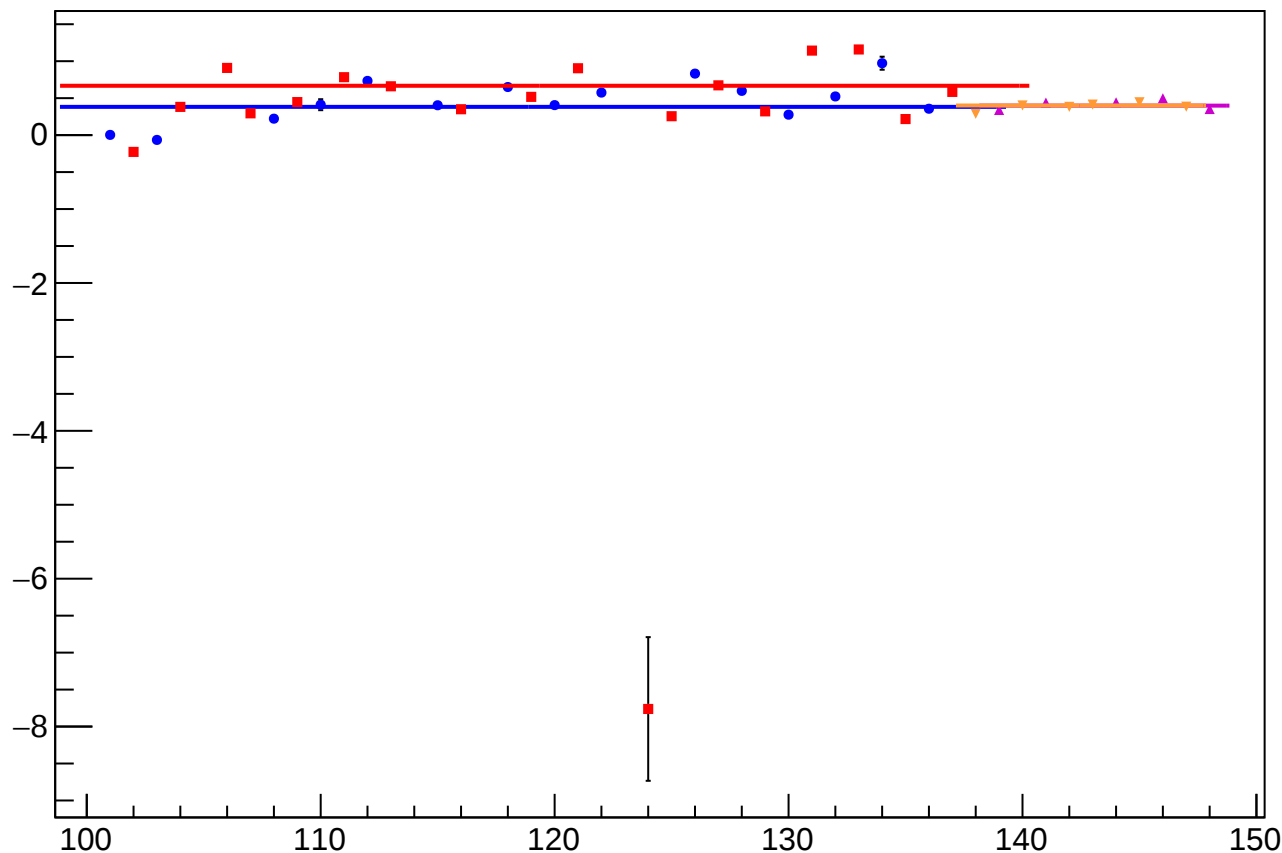
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -55.924 ± 0.015 $\chi^2/\text{NDF}: 603101.9/19$

Out: -52.072 ± 0.020 $\chi^2/\text{NDF}: 371540.6/23$

All: -54.476 ± 0.012 $\chi^2/\text{NDF}: 998229.7/43$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.401 ± 0.001 $\chi^2/\text{NDF}: 362.1/5$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.399 ± 0.001 $\chi^2/\text{NDF}: 1470.7/4$

Left: 0.400 ± 0.001 $\chi^2/\text{NDF}: 1834.2/10$

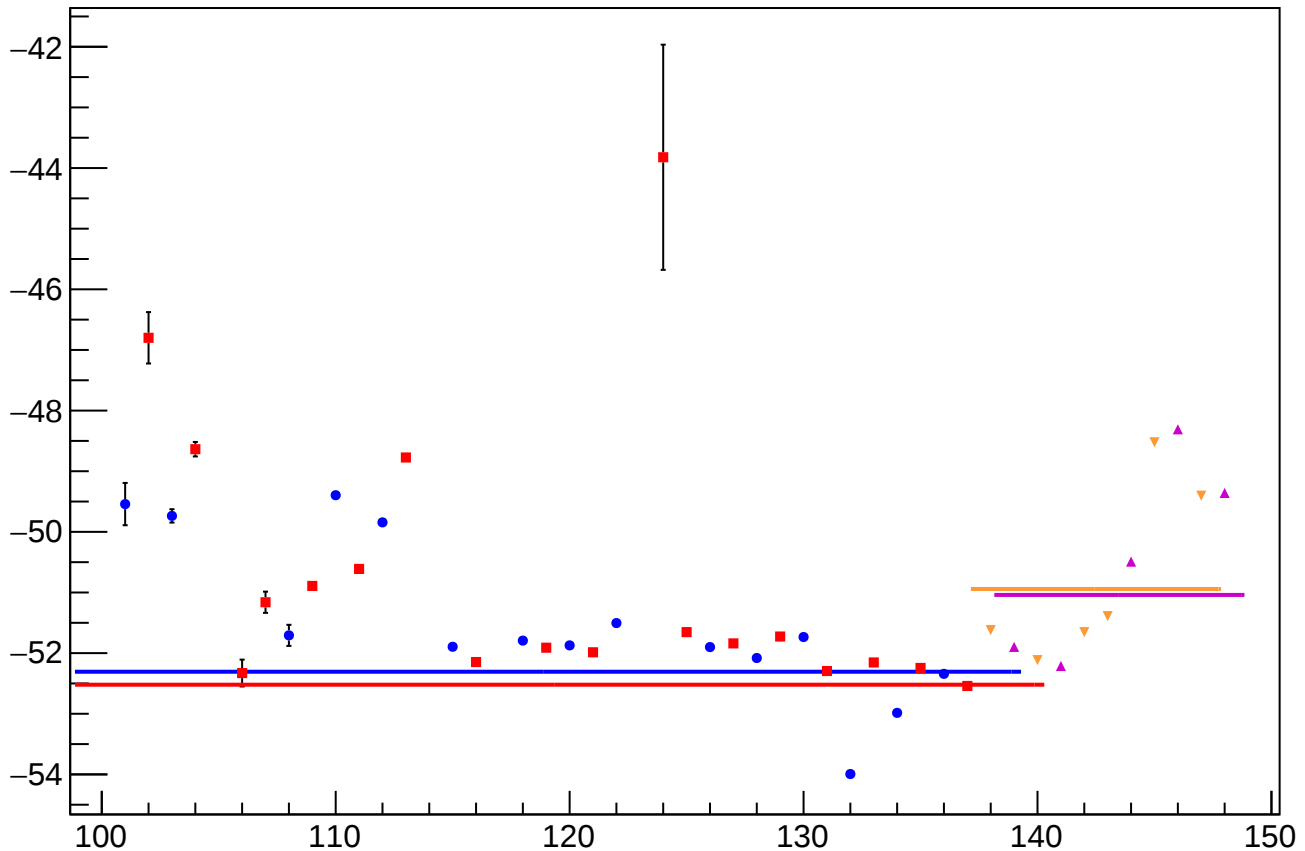
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.393 ± 0.001 $\chi^2/\text{NDF}: 6133.2/19$

Out: 0.413 ± 0.001 $\chi^2/\text{NDF}: 7265.7/23$

All: 0.403 ± 0.001 $\chi^2/\text{NDF}: 13616.1/43$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2/NDF : 25427.4/14

Left Out: -50.942 $\pm$ 0.004 χ^2/NDF : 62767.4/5

Right Out: -52.521 $\pm$ 0.001 χ^2/NDF : 14961.7/17

Left In: -51.040 $\pm$ 0.004 χ^2/NDF : 116098.0/4

Left: -50.990 $\pm$ 0.003 χ^2/NDF : 179168.6/10

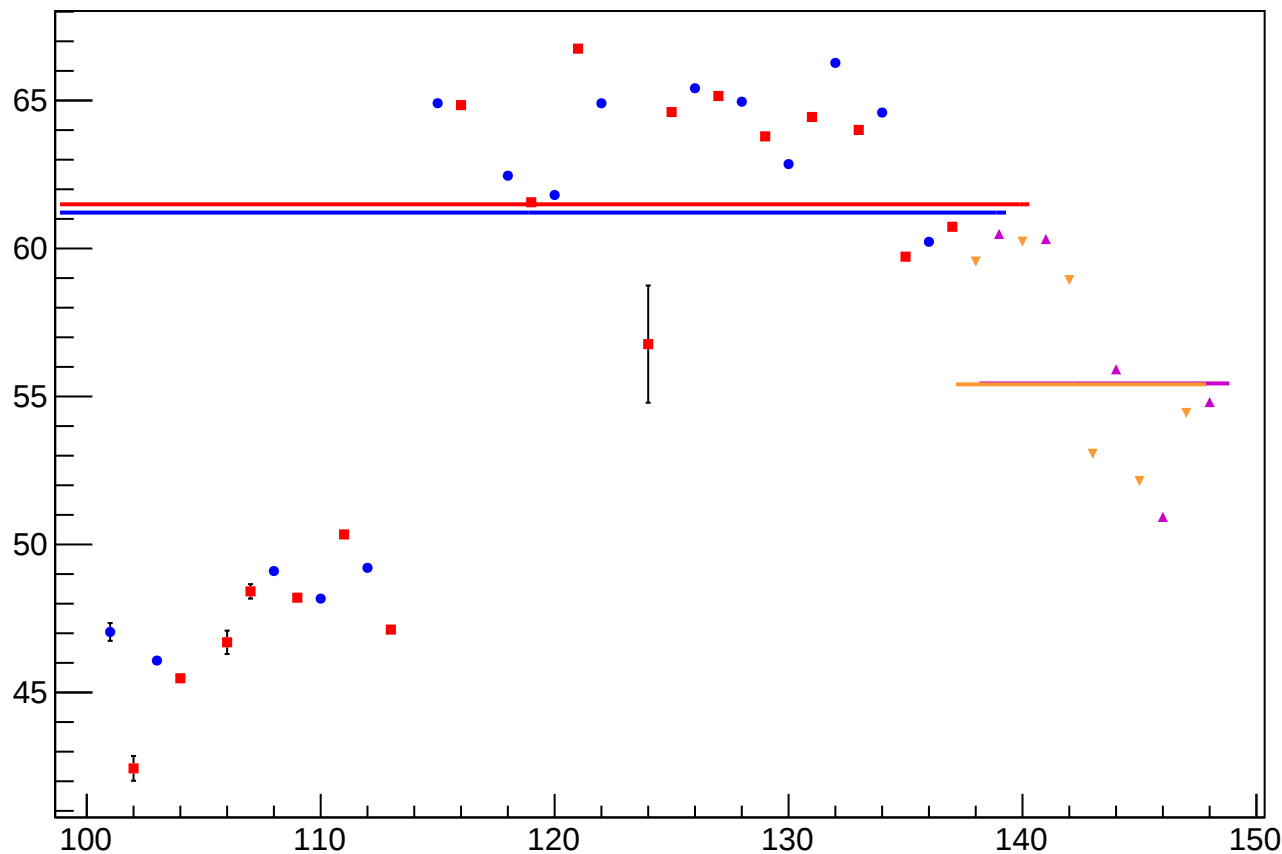
Right: -52.505 $\pm$ 0.001 χ^2/NDF : 43203.2/32

In: -51.694 $\pm$ 0.003 χ^2/NDF : 193015.4/19

Out: -52.406 $\pm$ 0.001 χ^2/NDF : 226730.9/23

All: -52.316 $\pm$ 0.001 χ^2/NDF : 476547.6/43

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.409 $\pm$ 0.007 χ^2/NDF : 188077.8/5

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.441 $\pm$ 0.008 χ^2/NDF : 49023.4/4

Left: 55.422 $\pm$ 0.005 χ^2/NDF : 237109.2/10

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 57.869 $\pm$ 0.006 χ^2/NDF : 401530.3/19

Out: 58.641 $\pm$ 0.005 χ^2/NDF : 816153.9/23

All: 58.358 $\pm$ 0.004 χ^2/NDF : 1226796.0/43

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

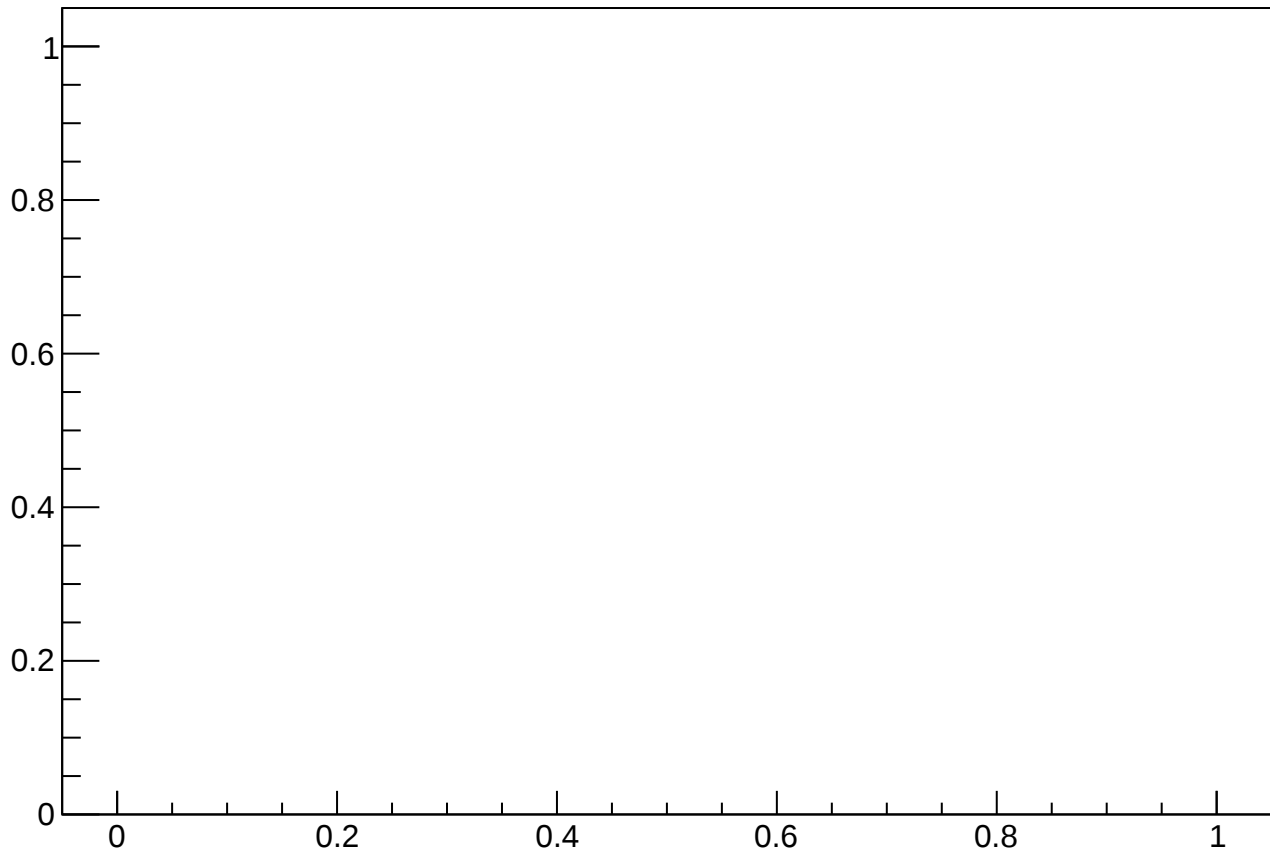
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

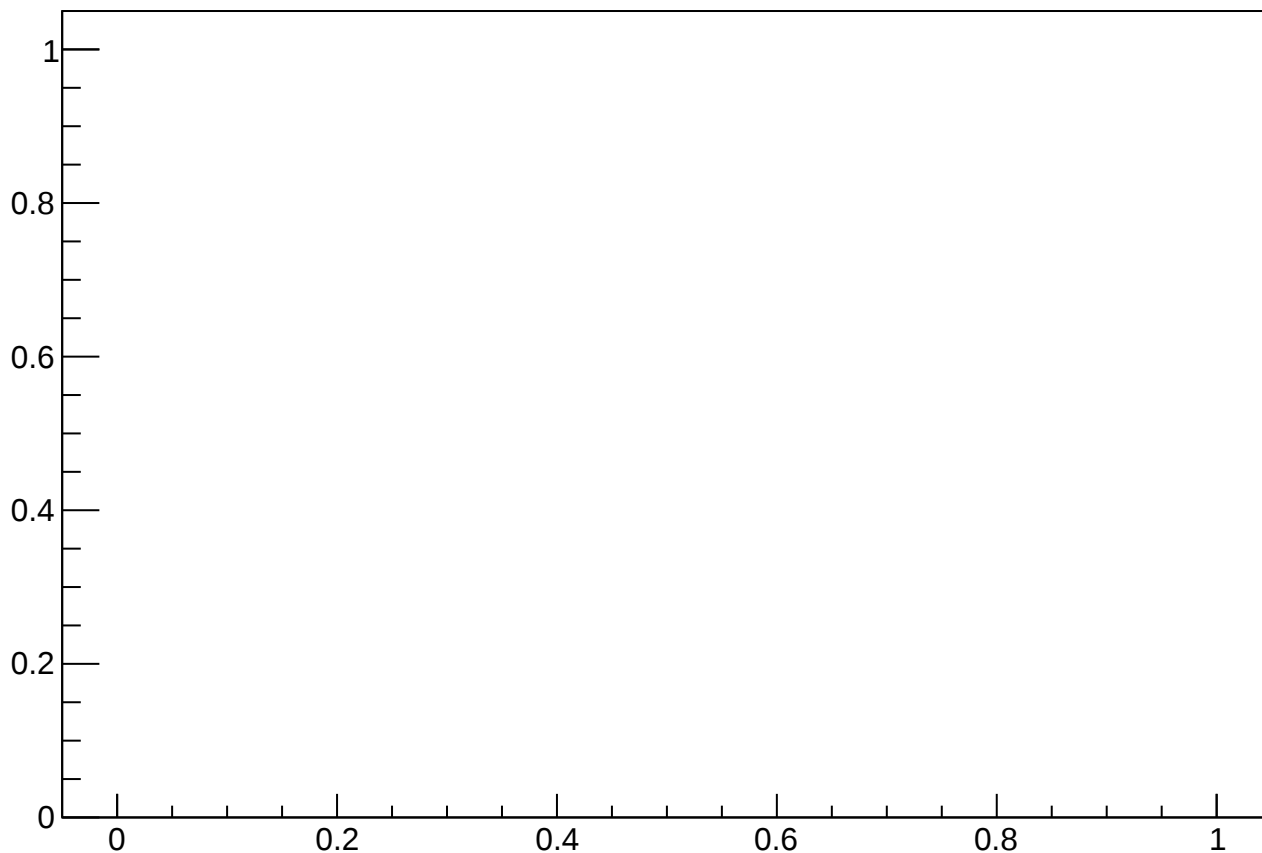
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

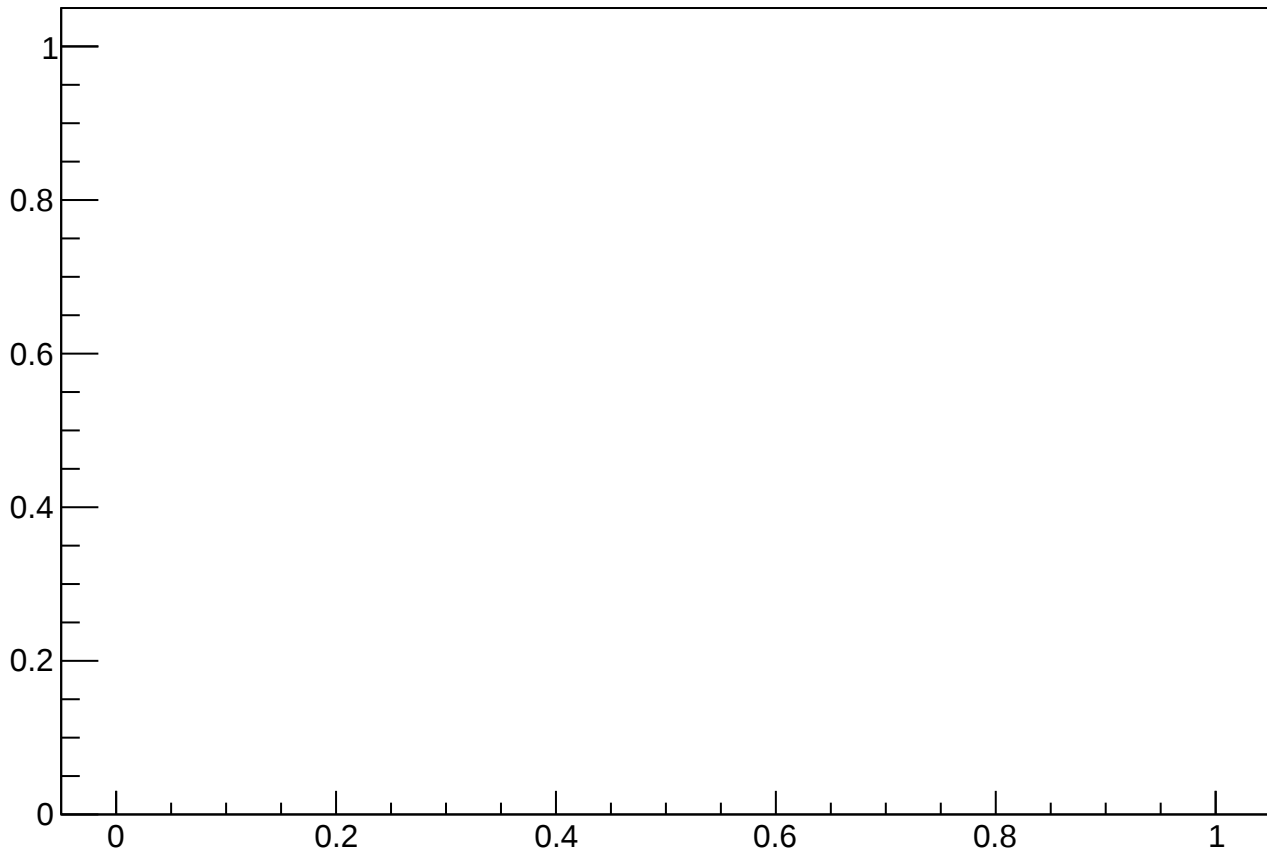
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

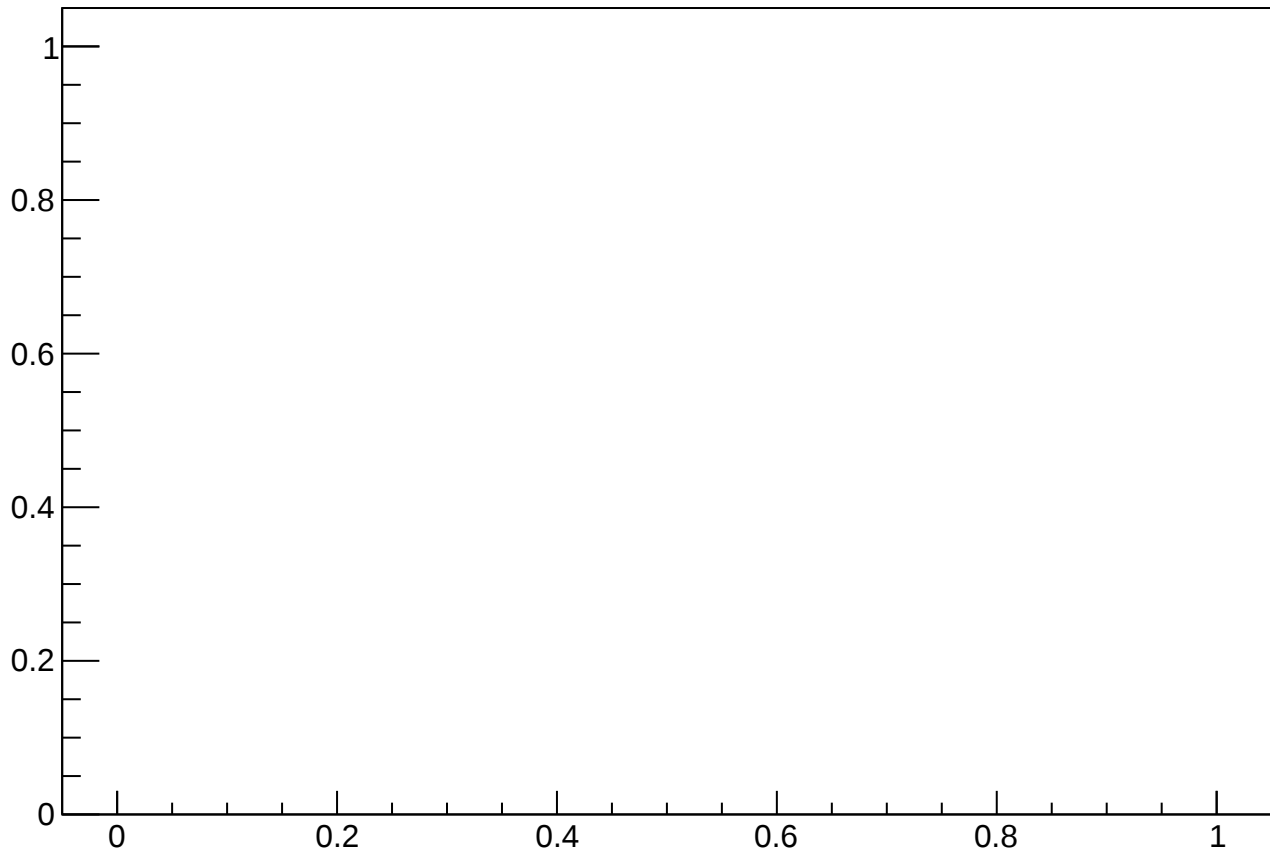
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

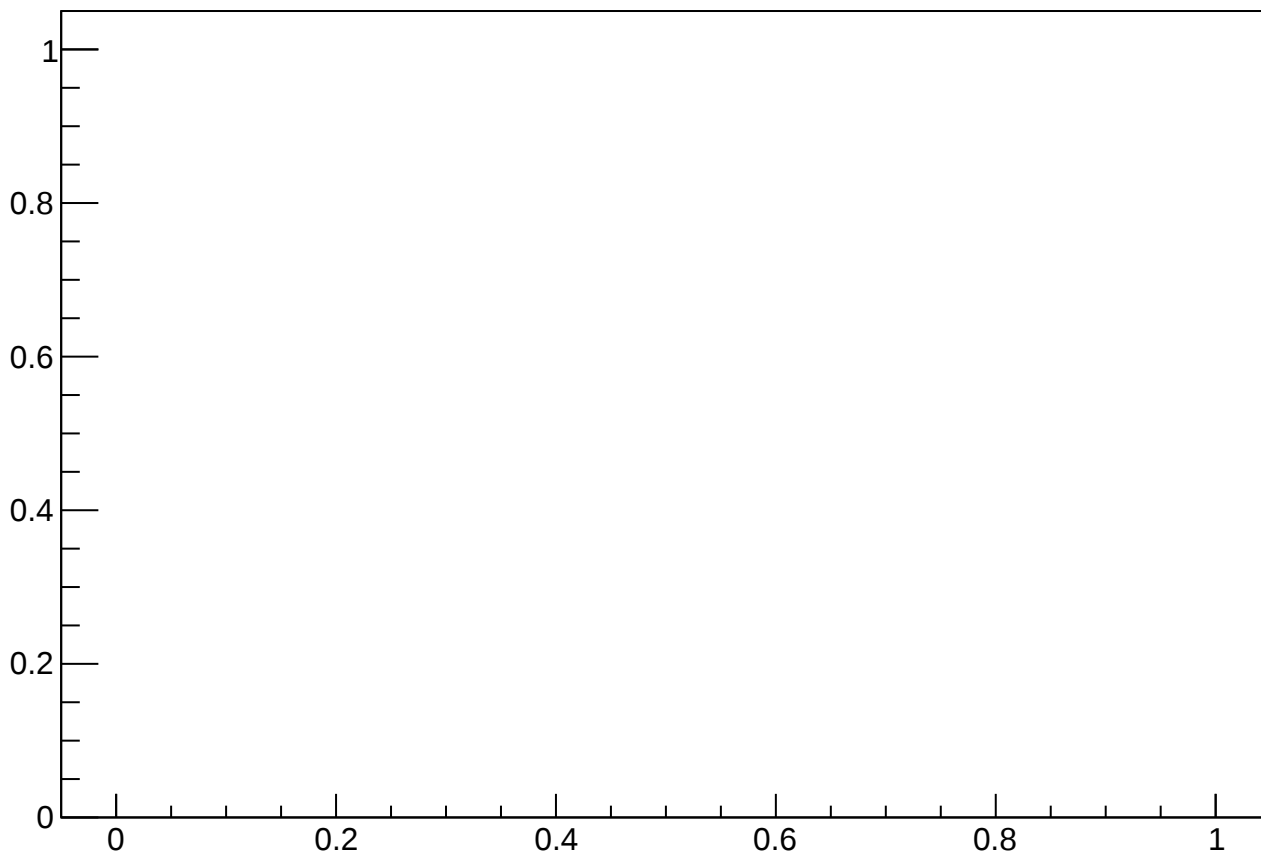
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

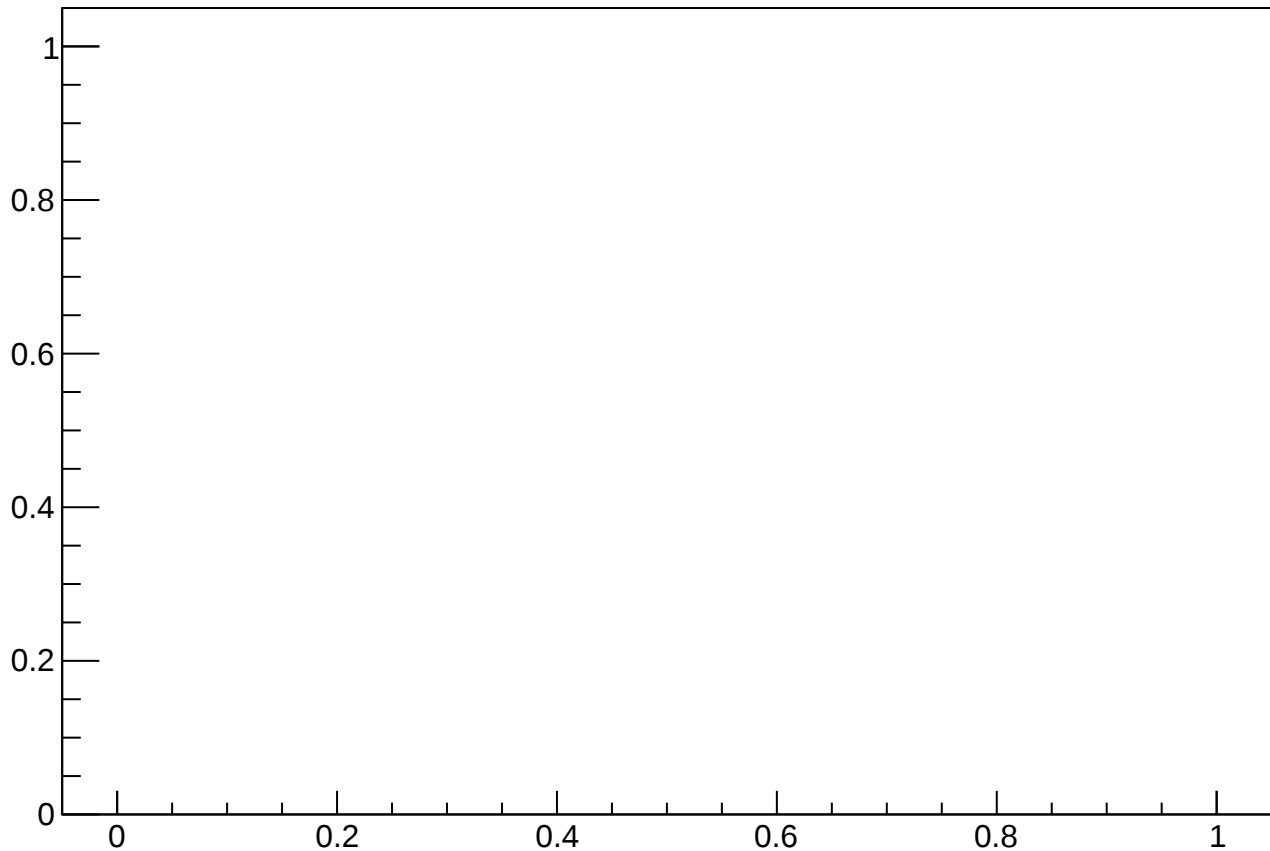
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

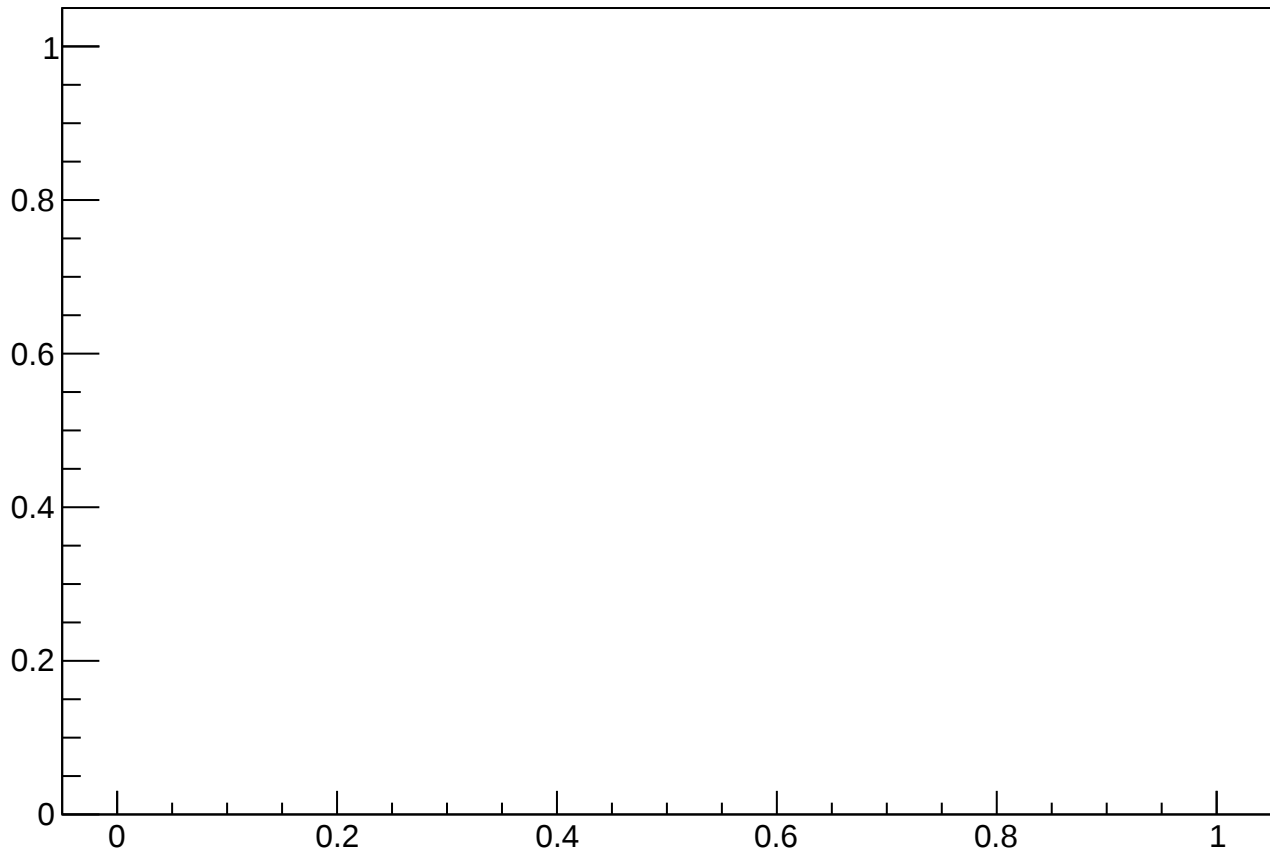
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

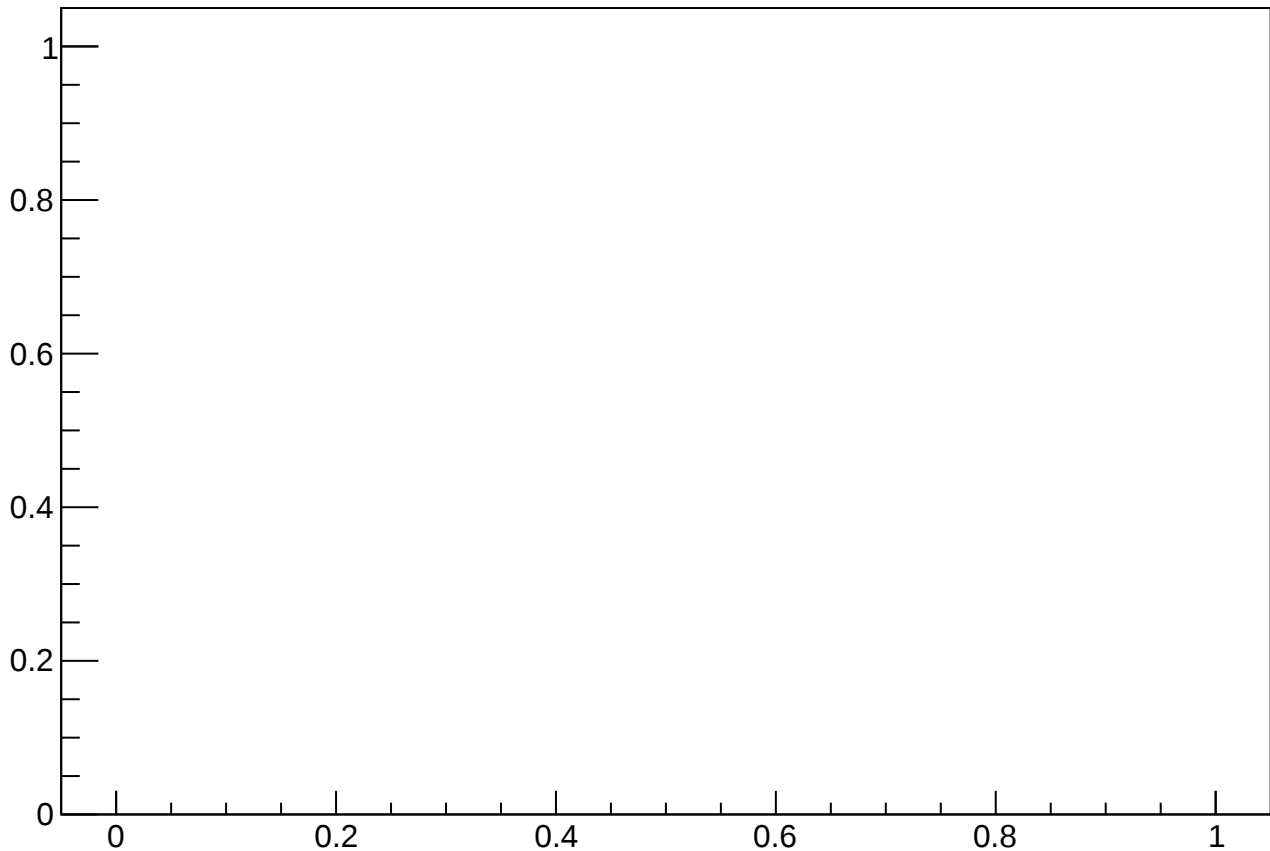
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

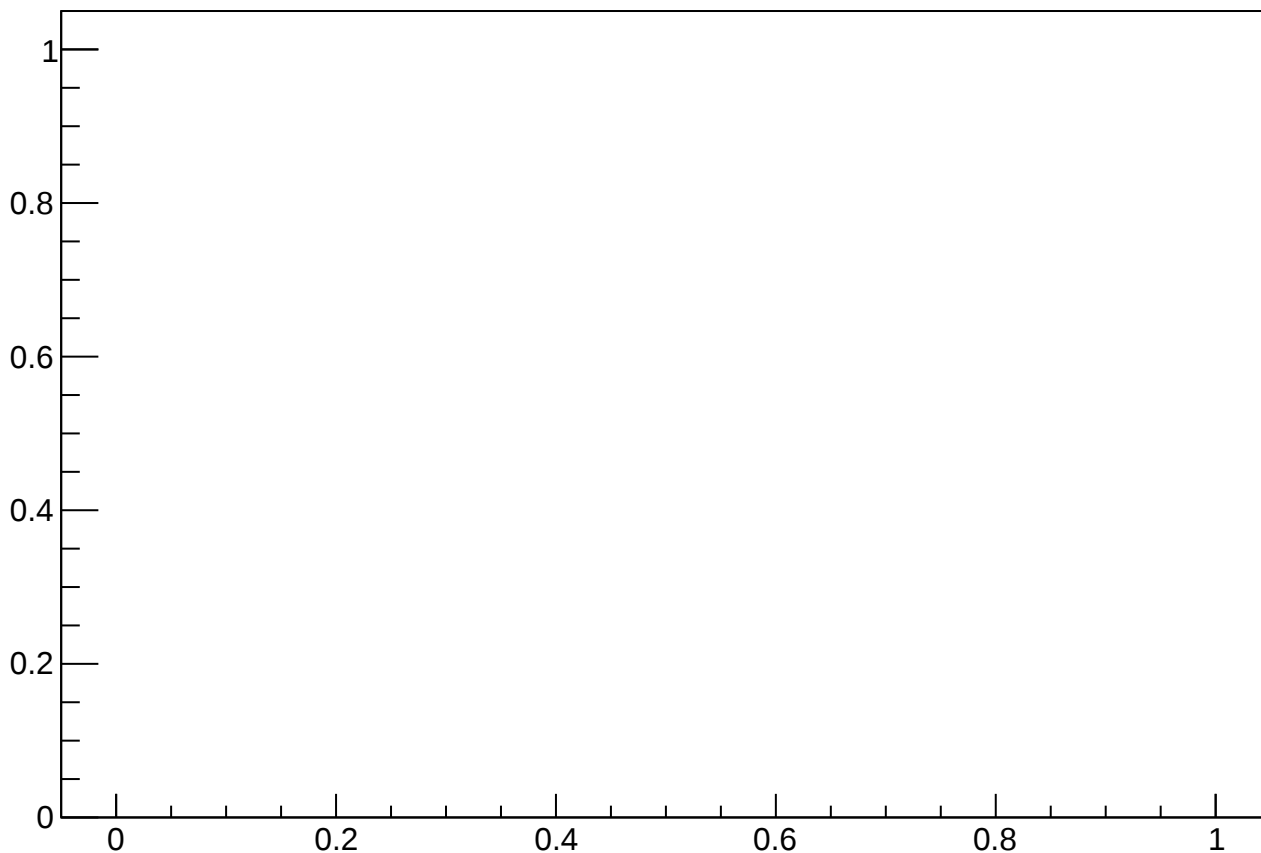
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

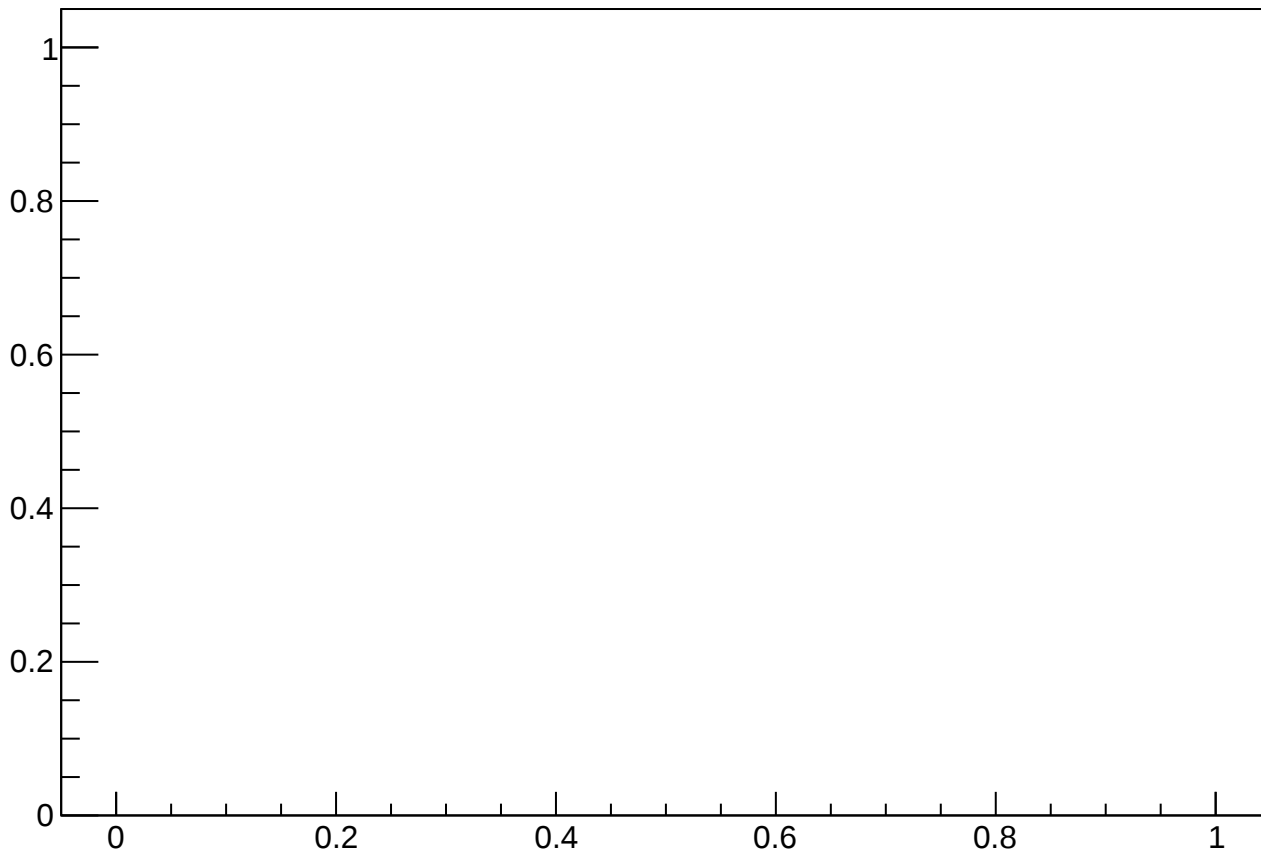
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_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

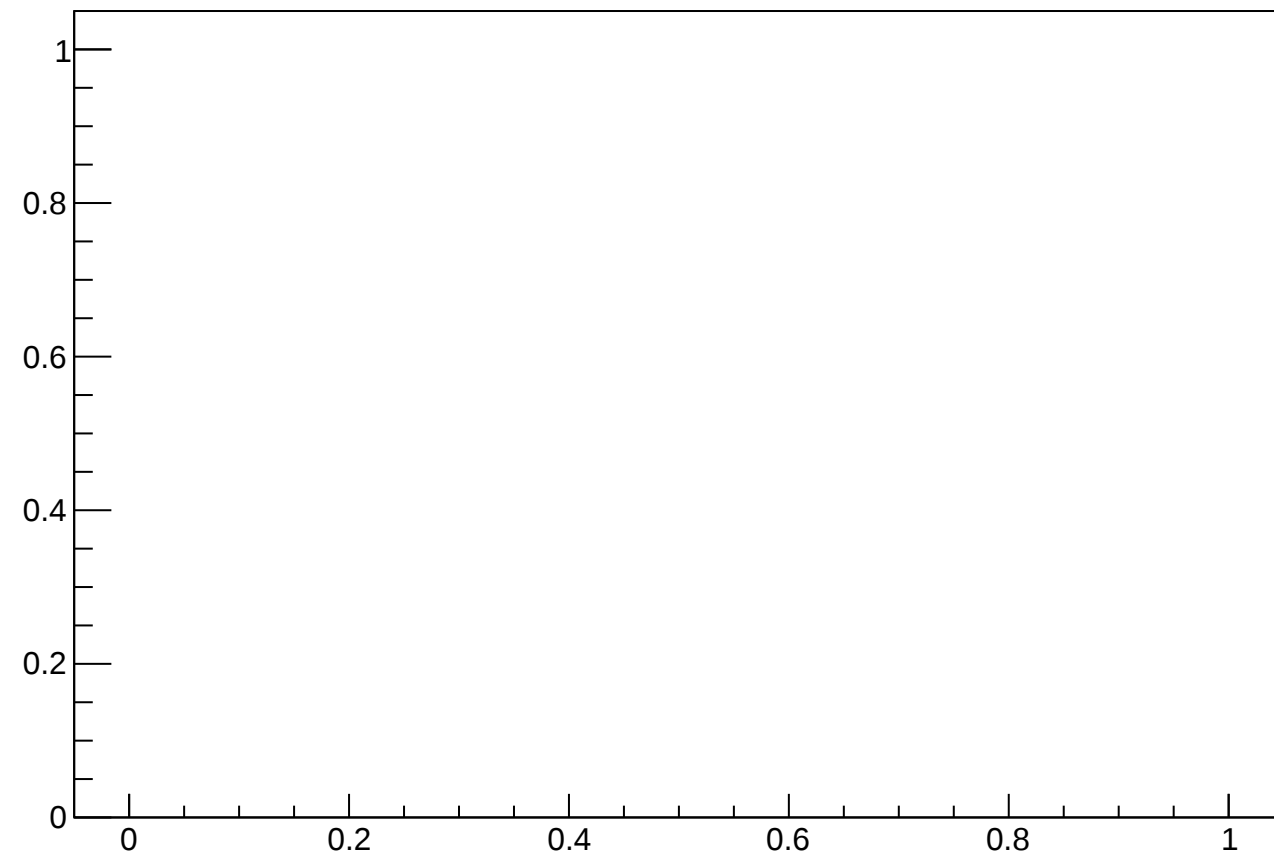
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

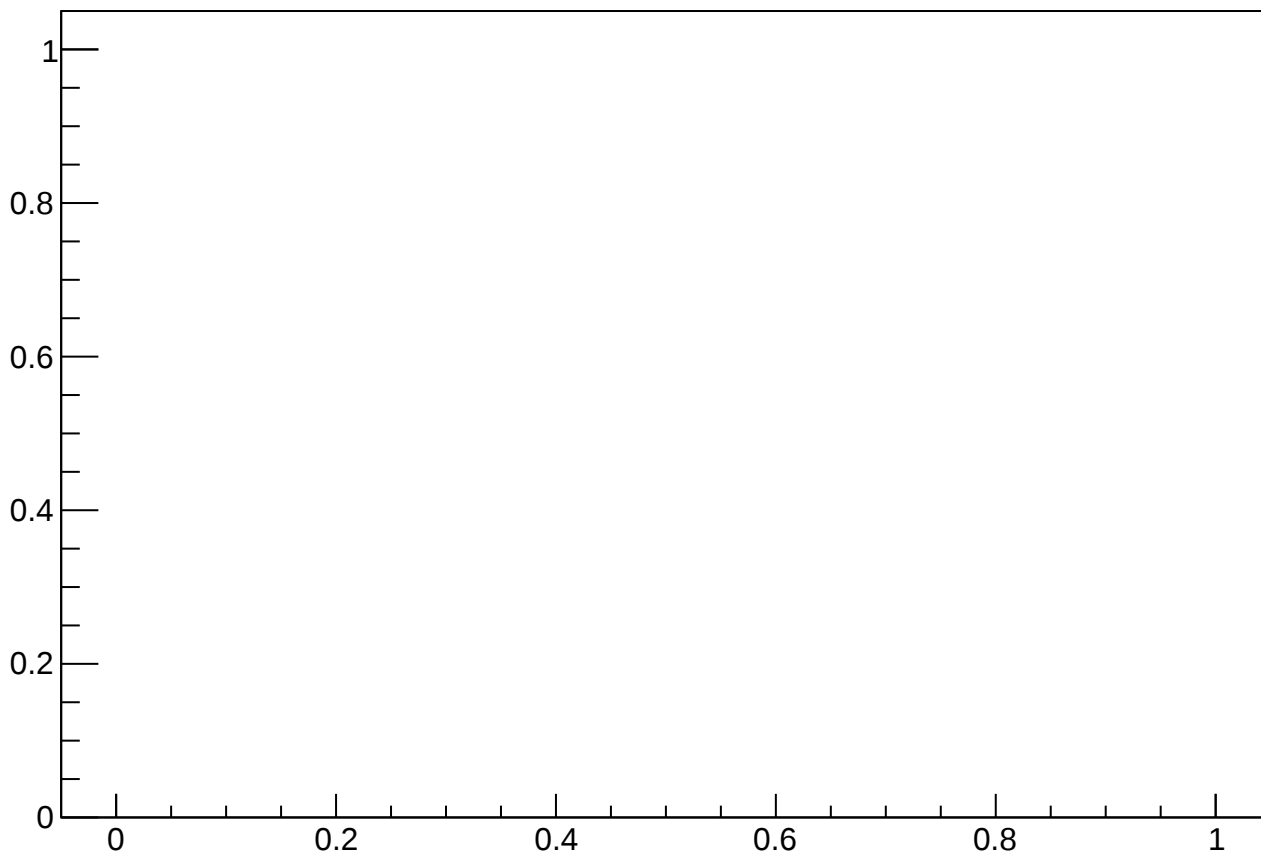
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

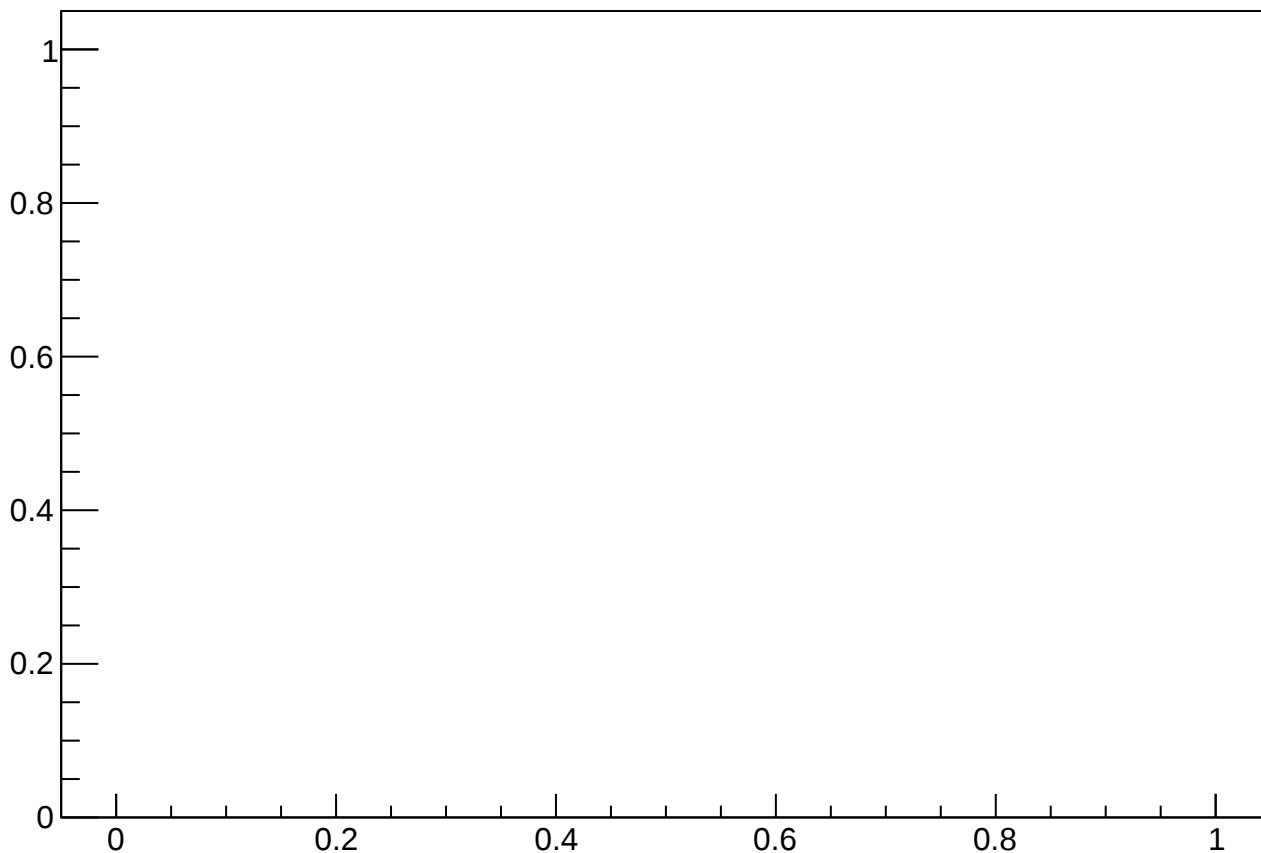
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

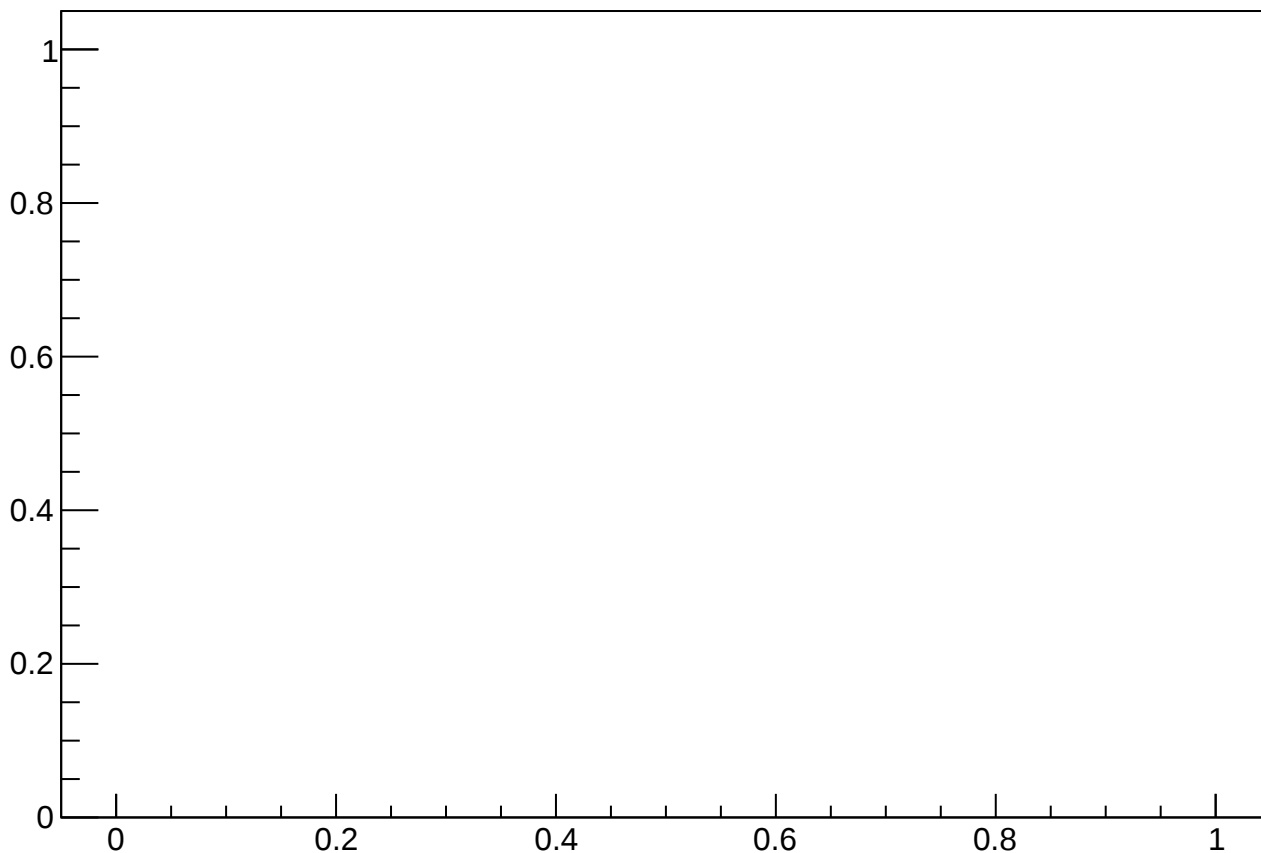
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

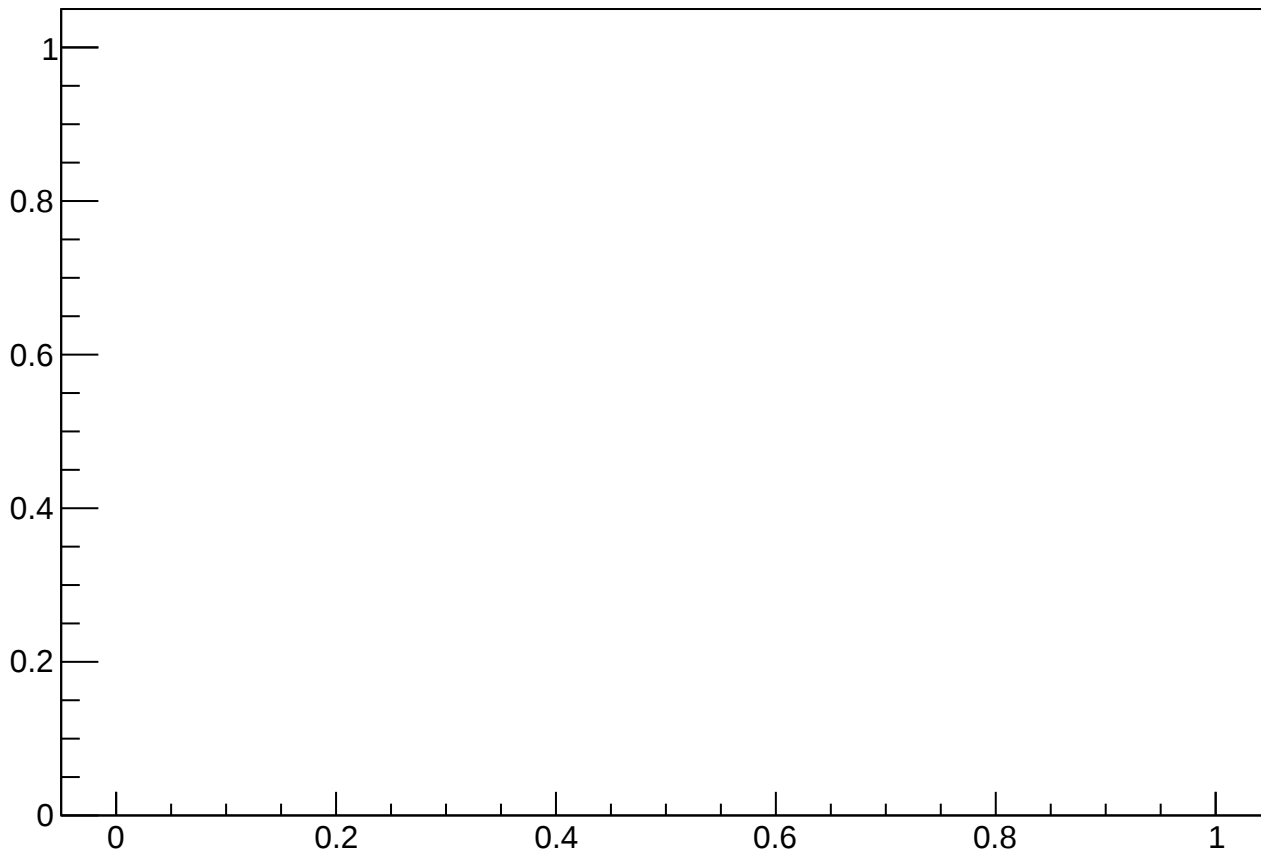
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

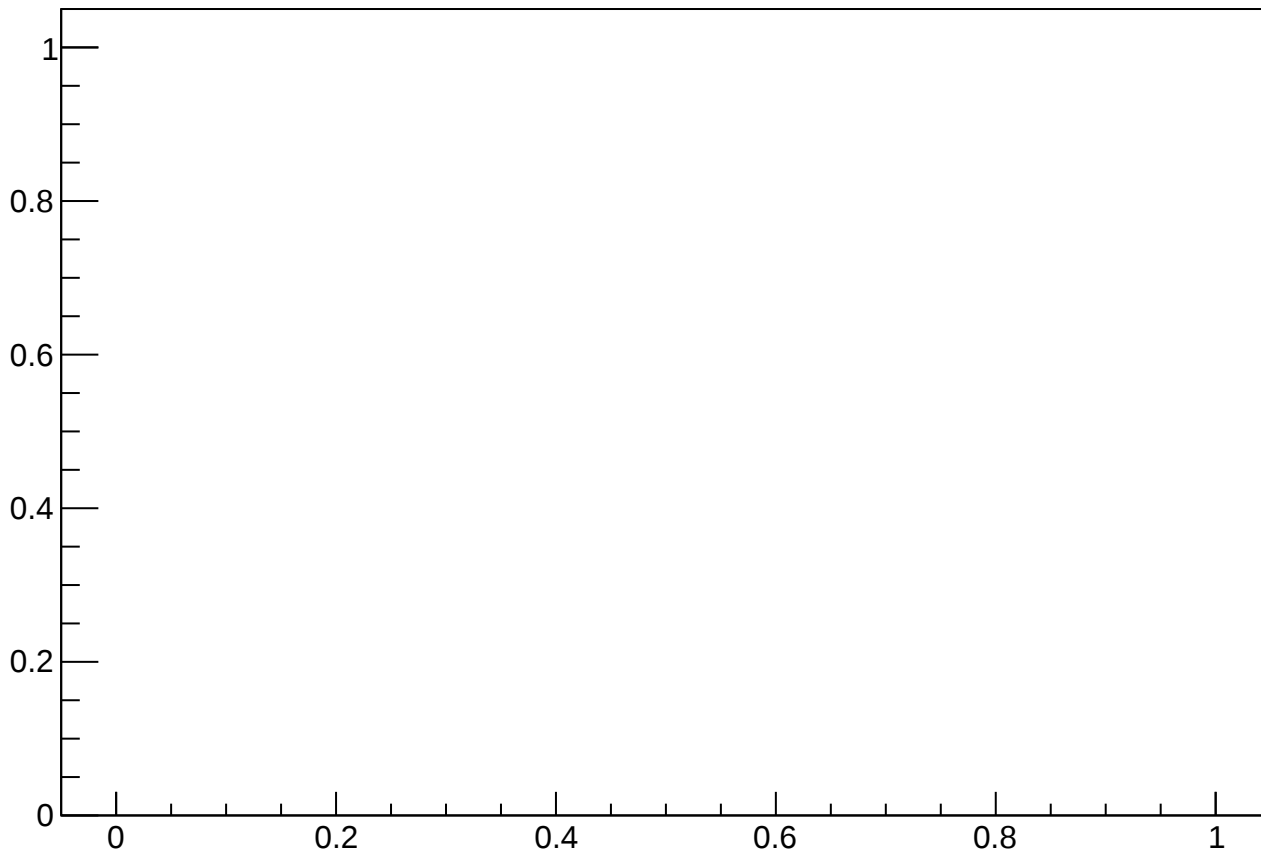
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

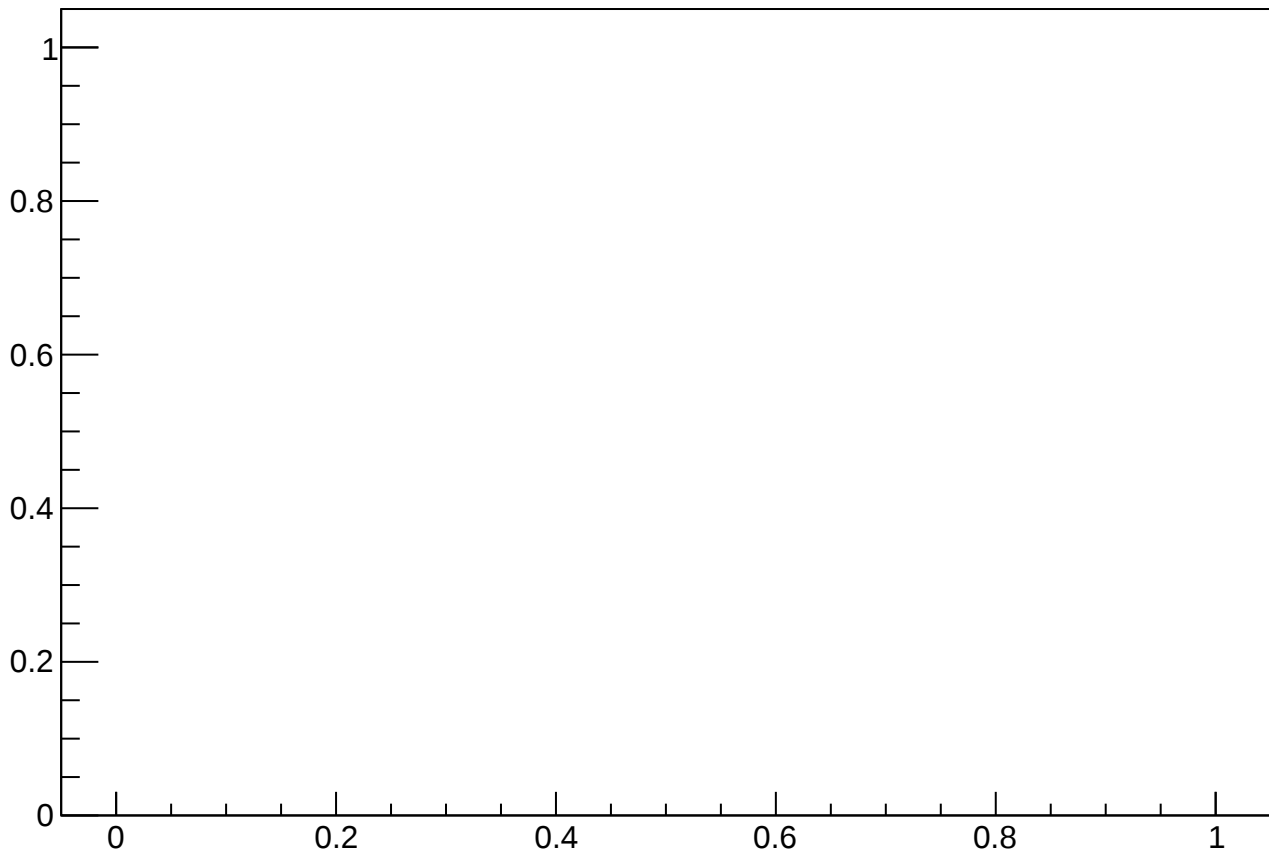
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

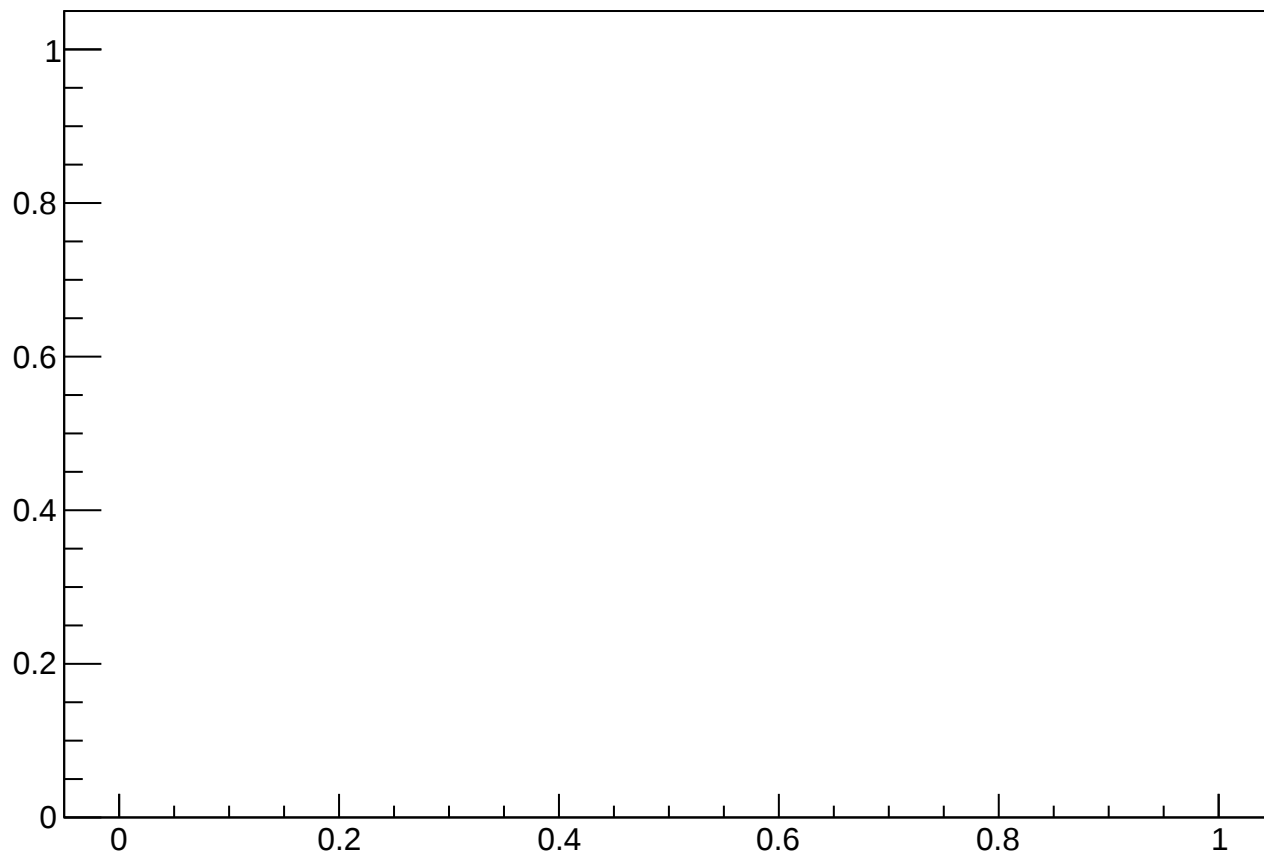
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

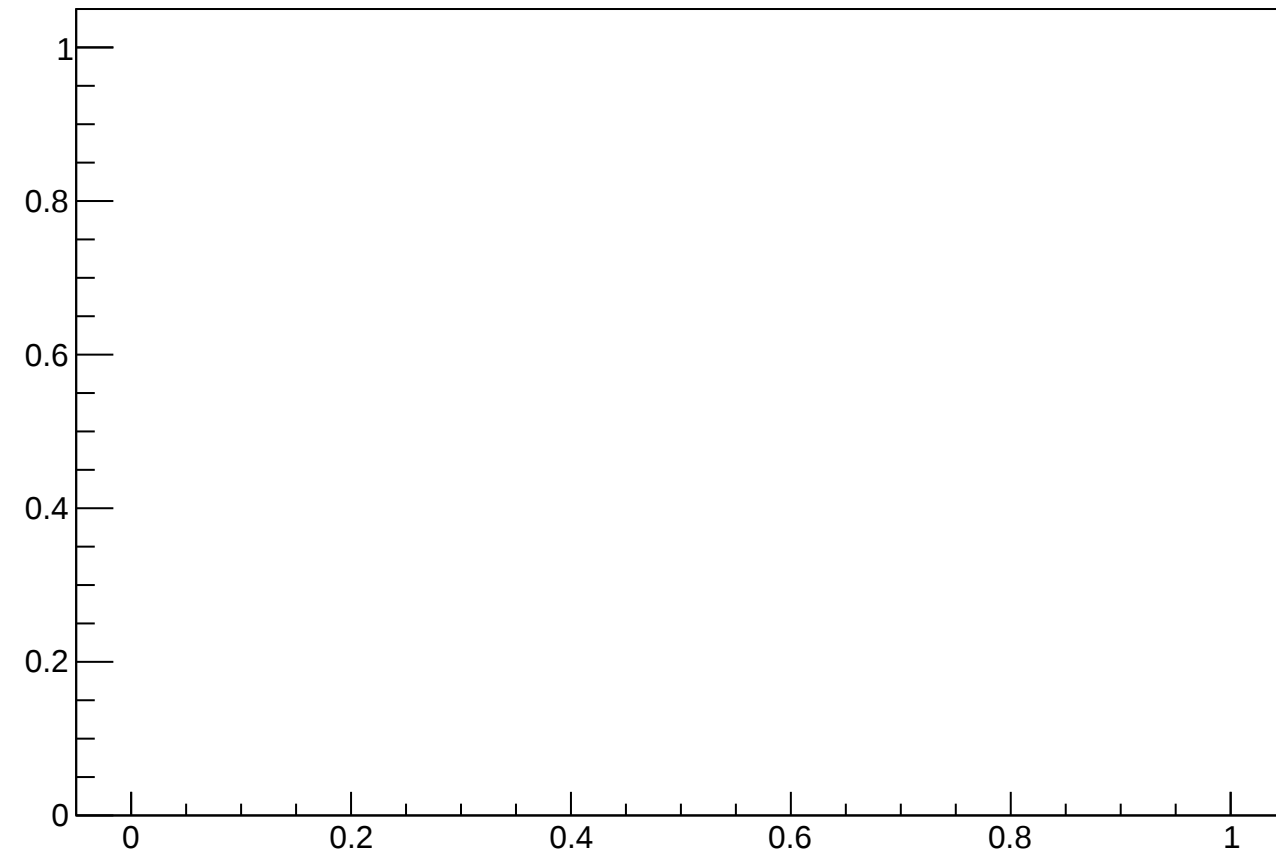
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

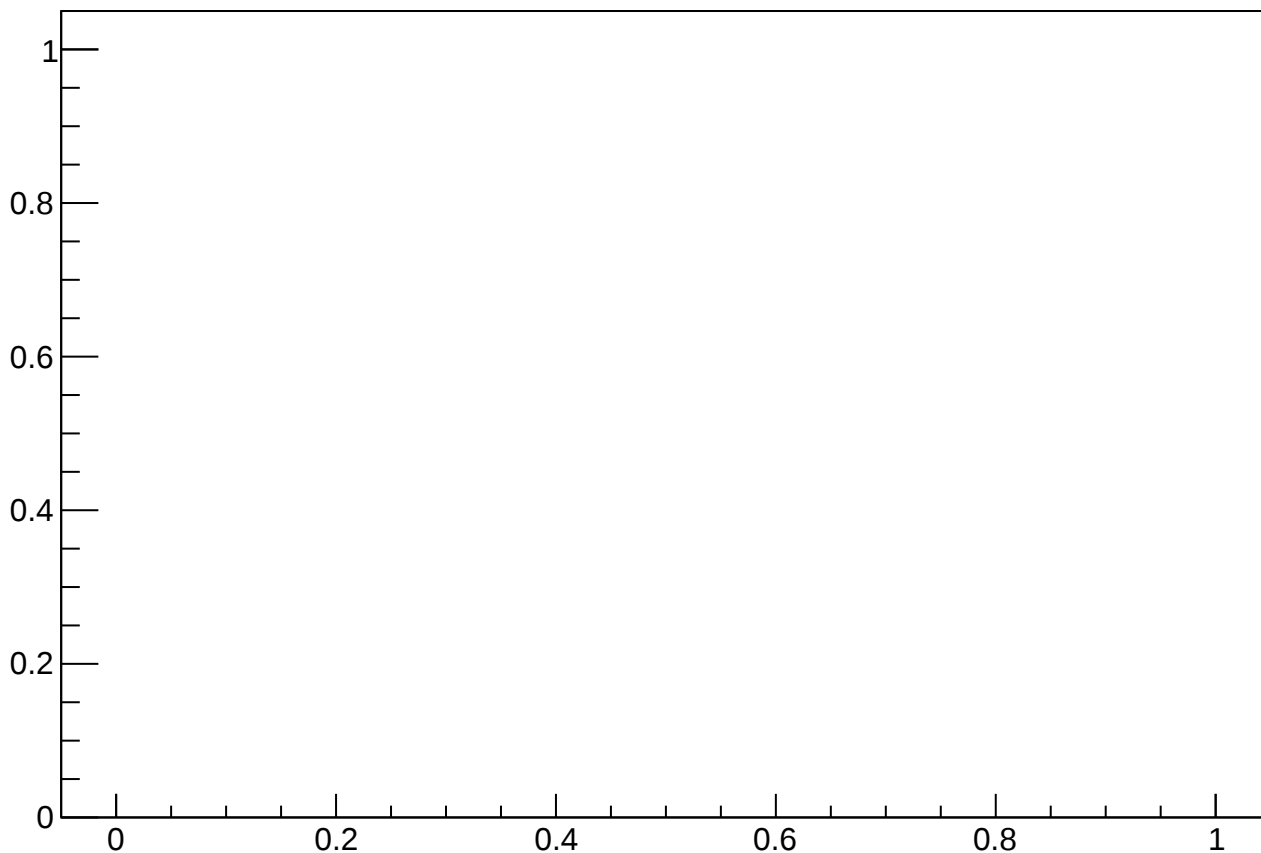
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

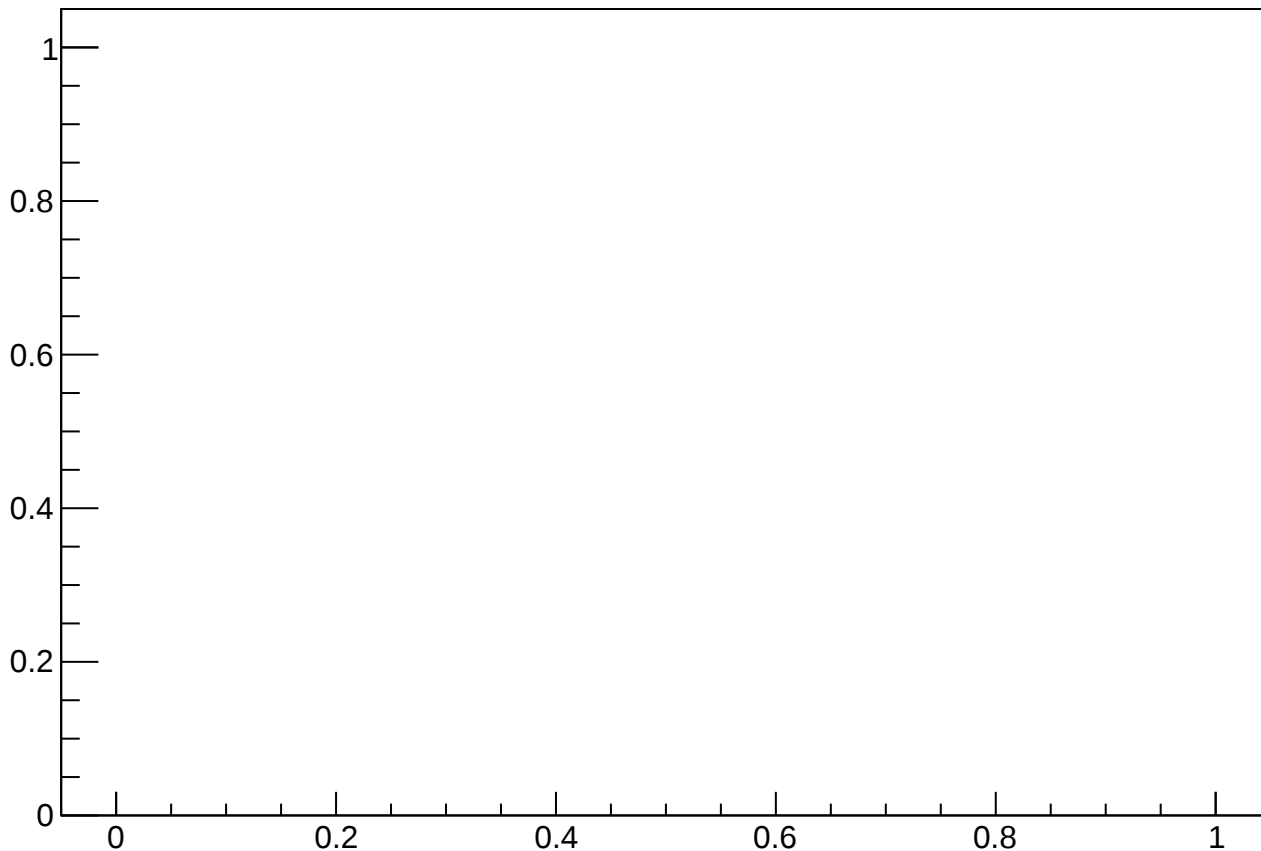
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

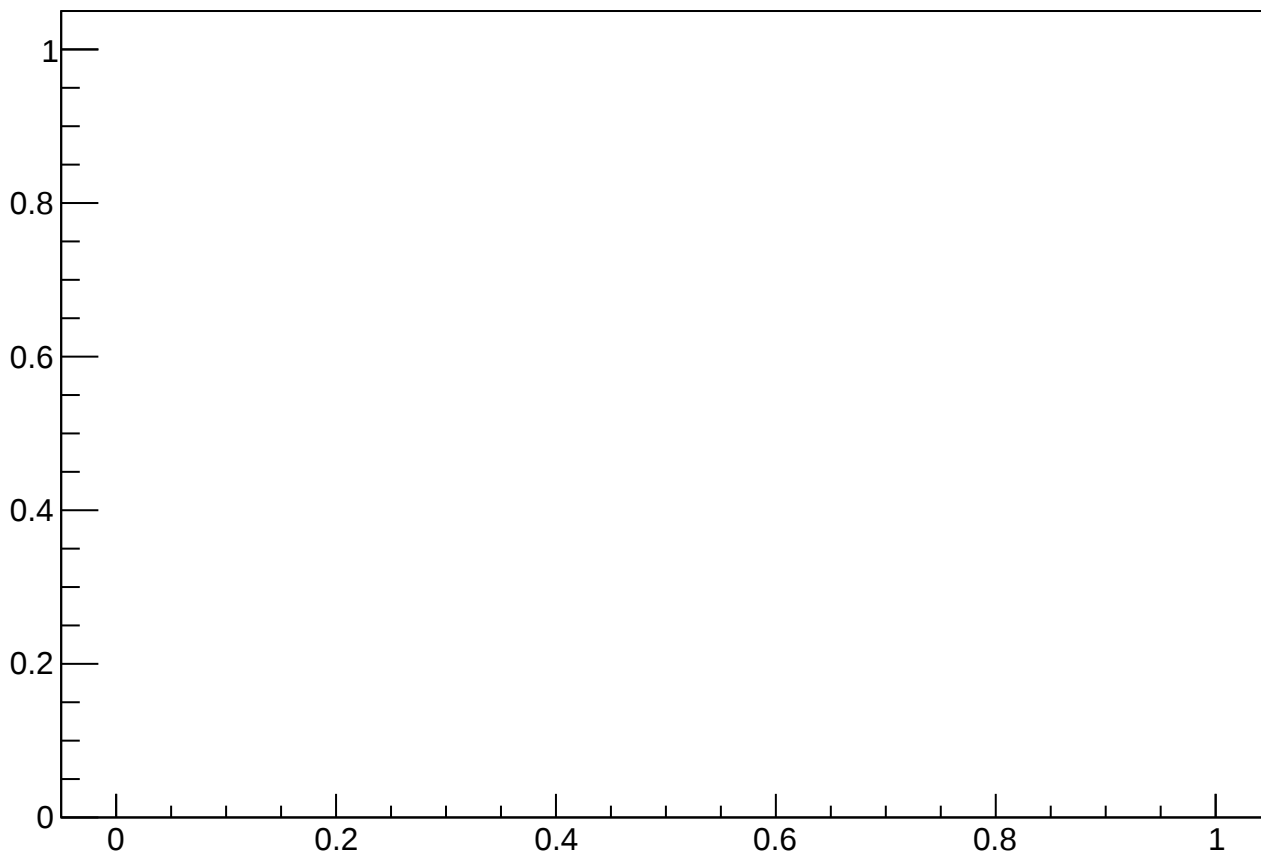
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_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

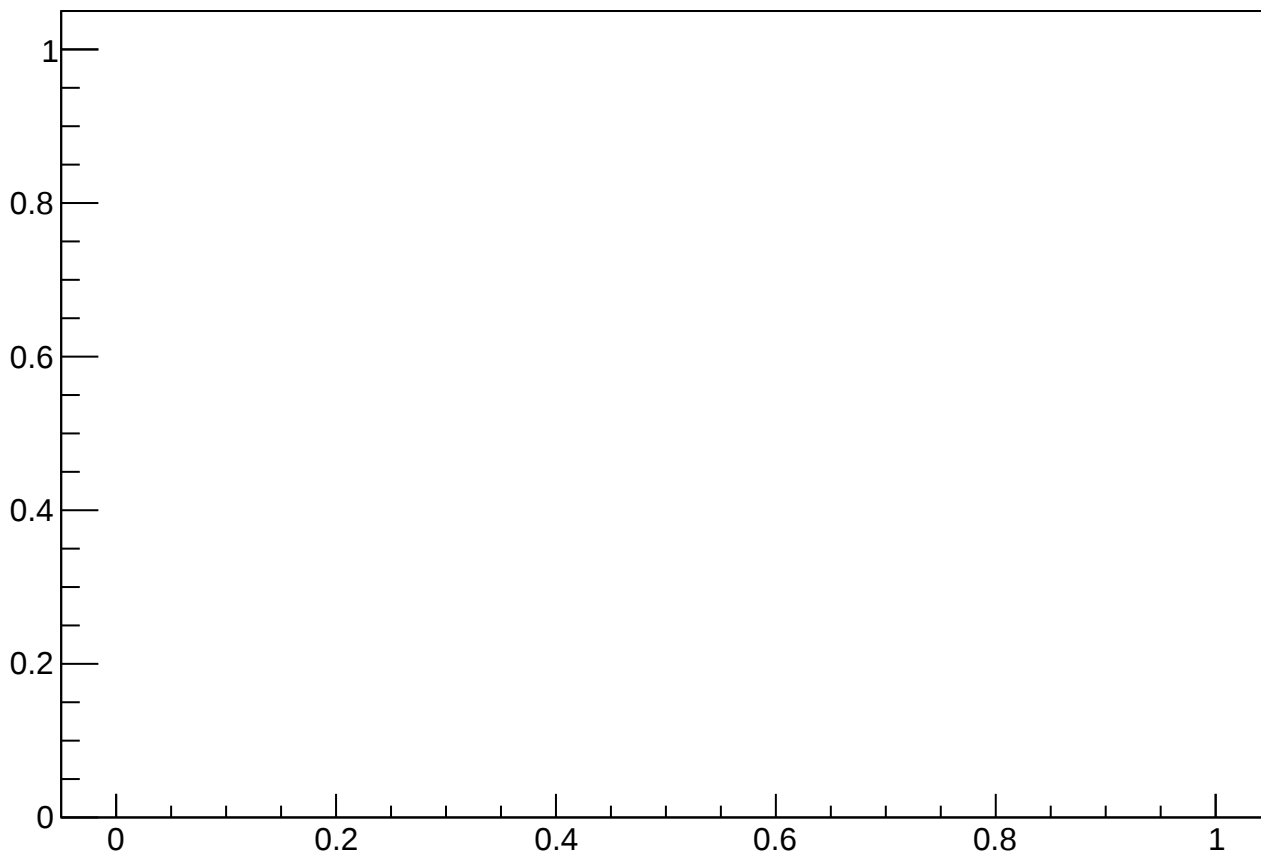
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

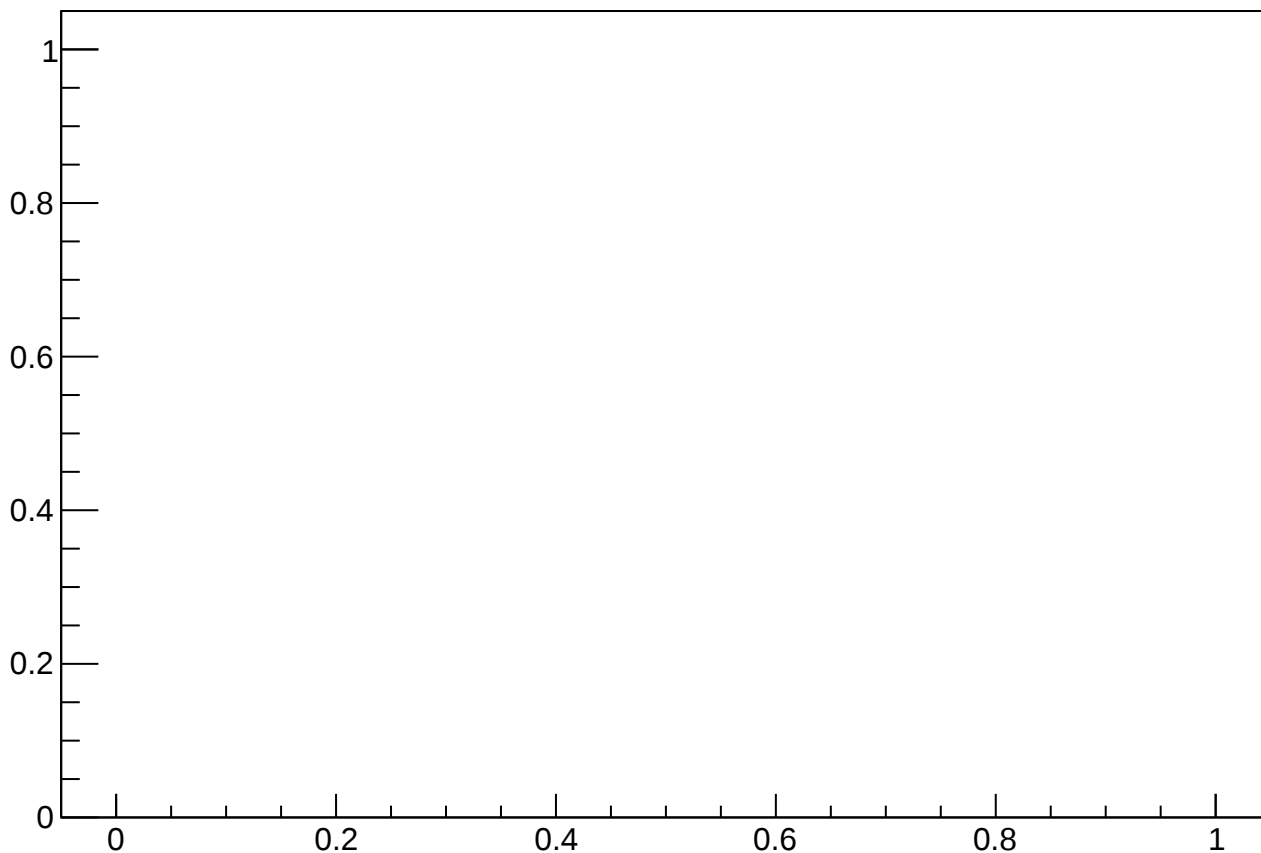
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

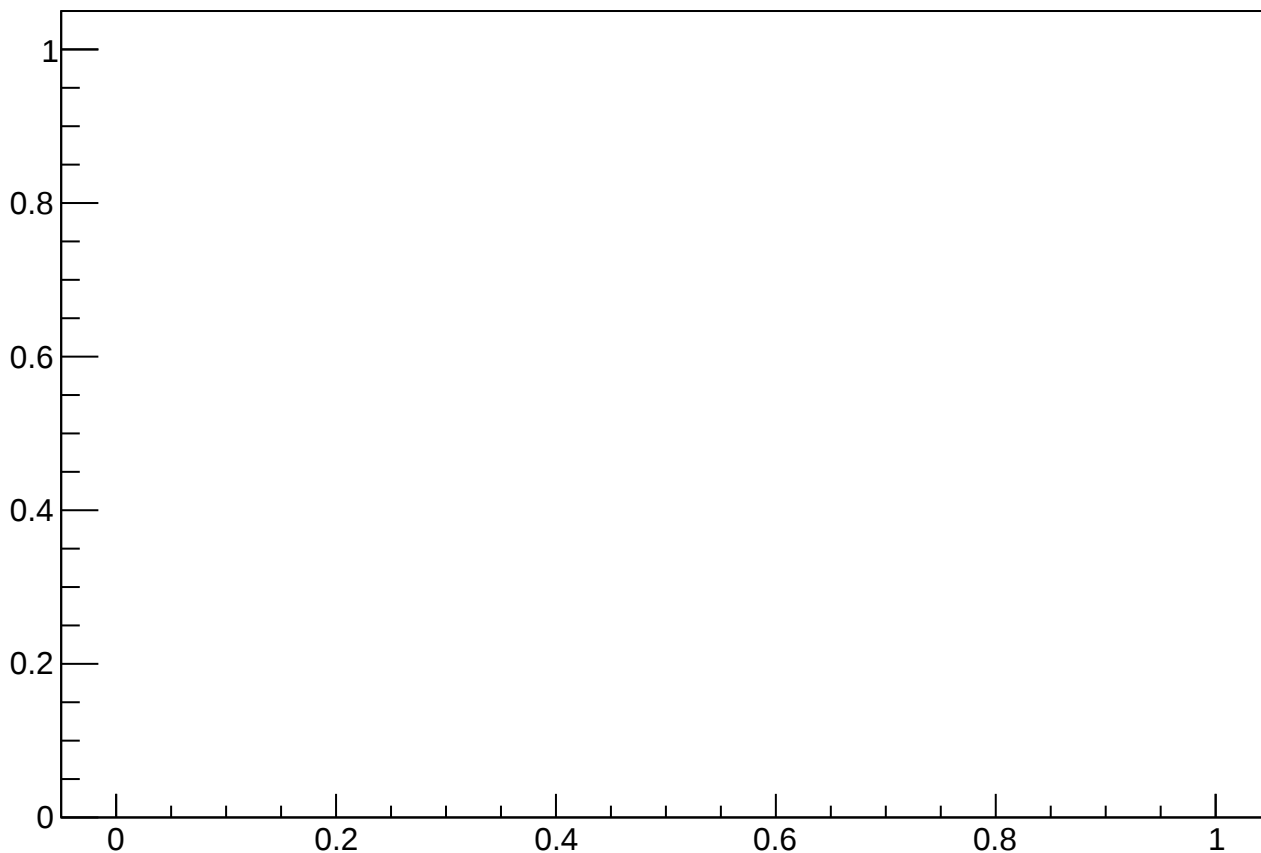
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

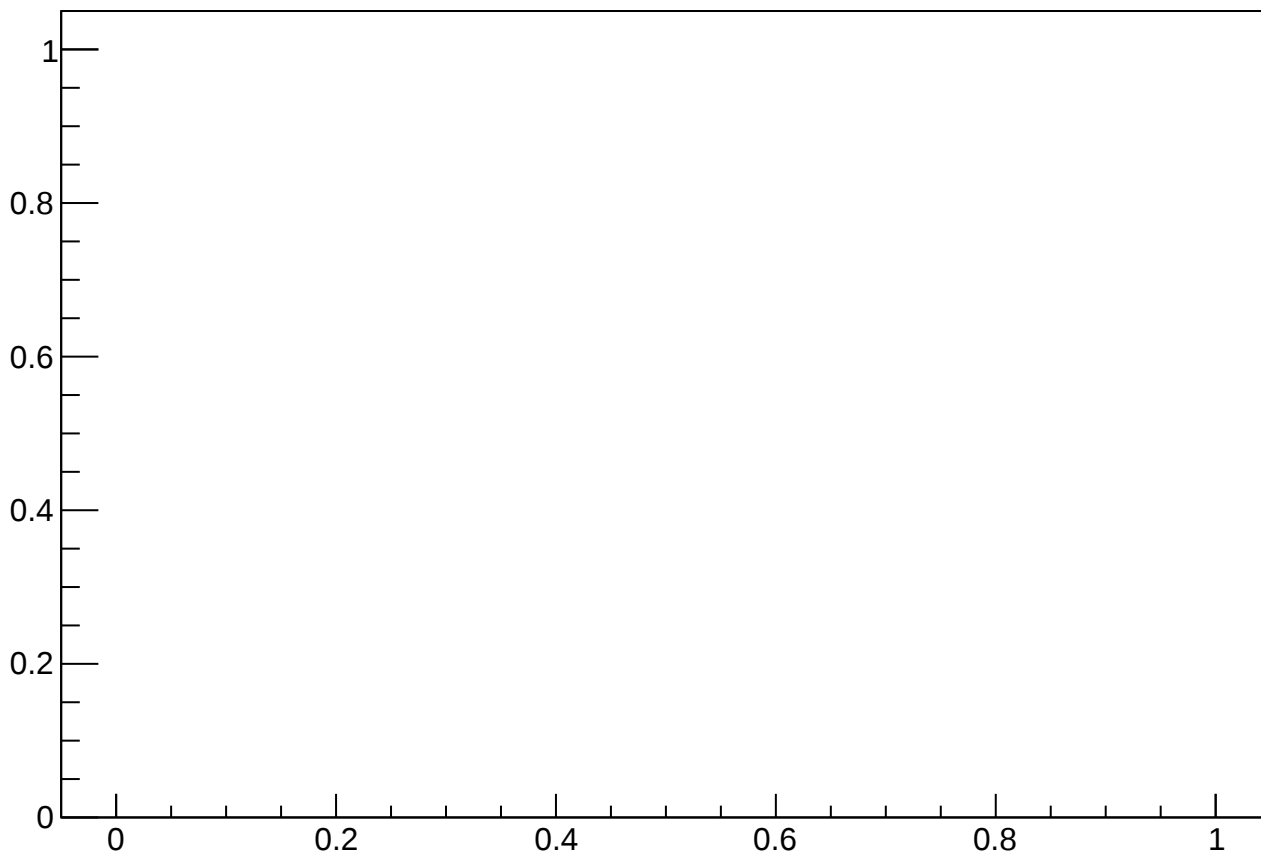
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

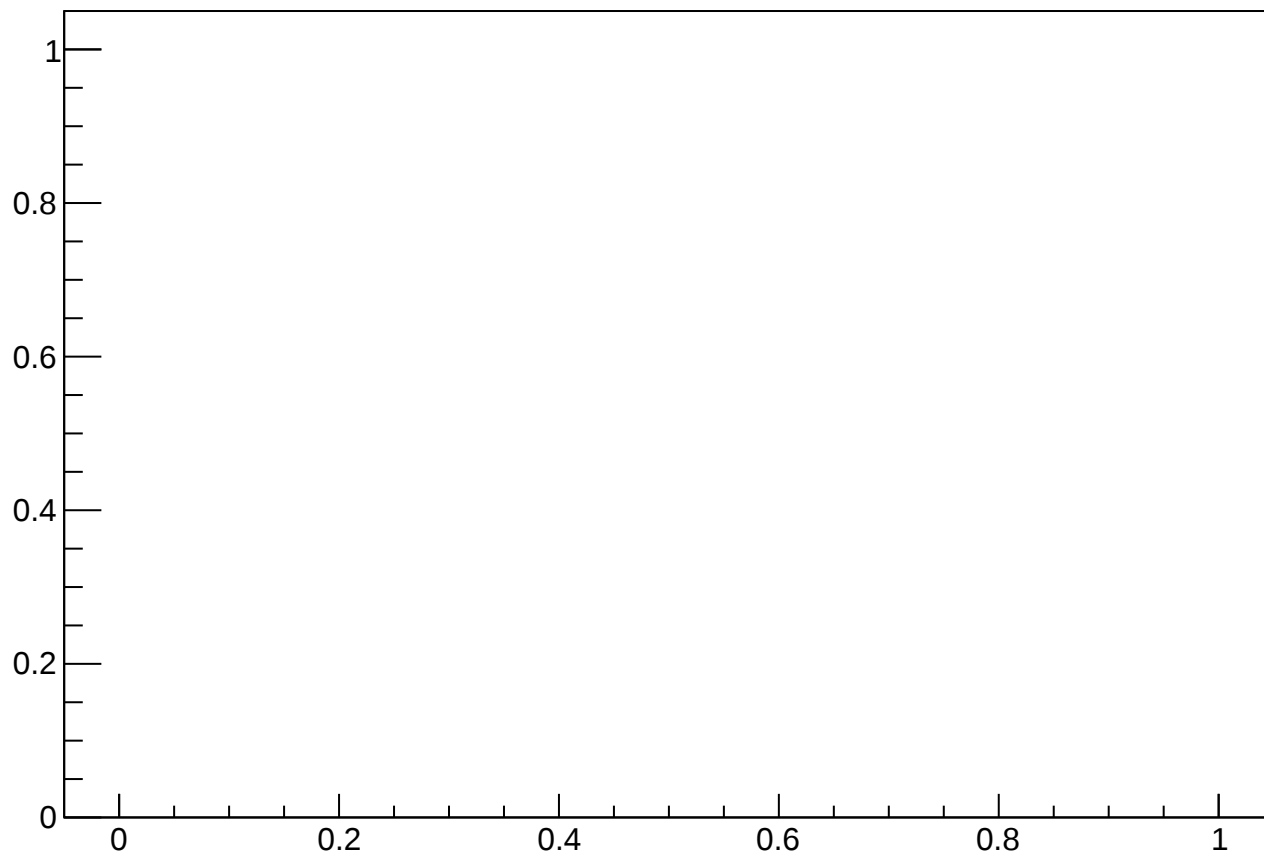
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

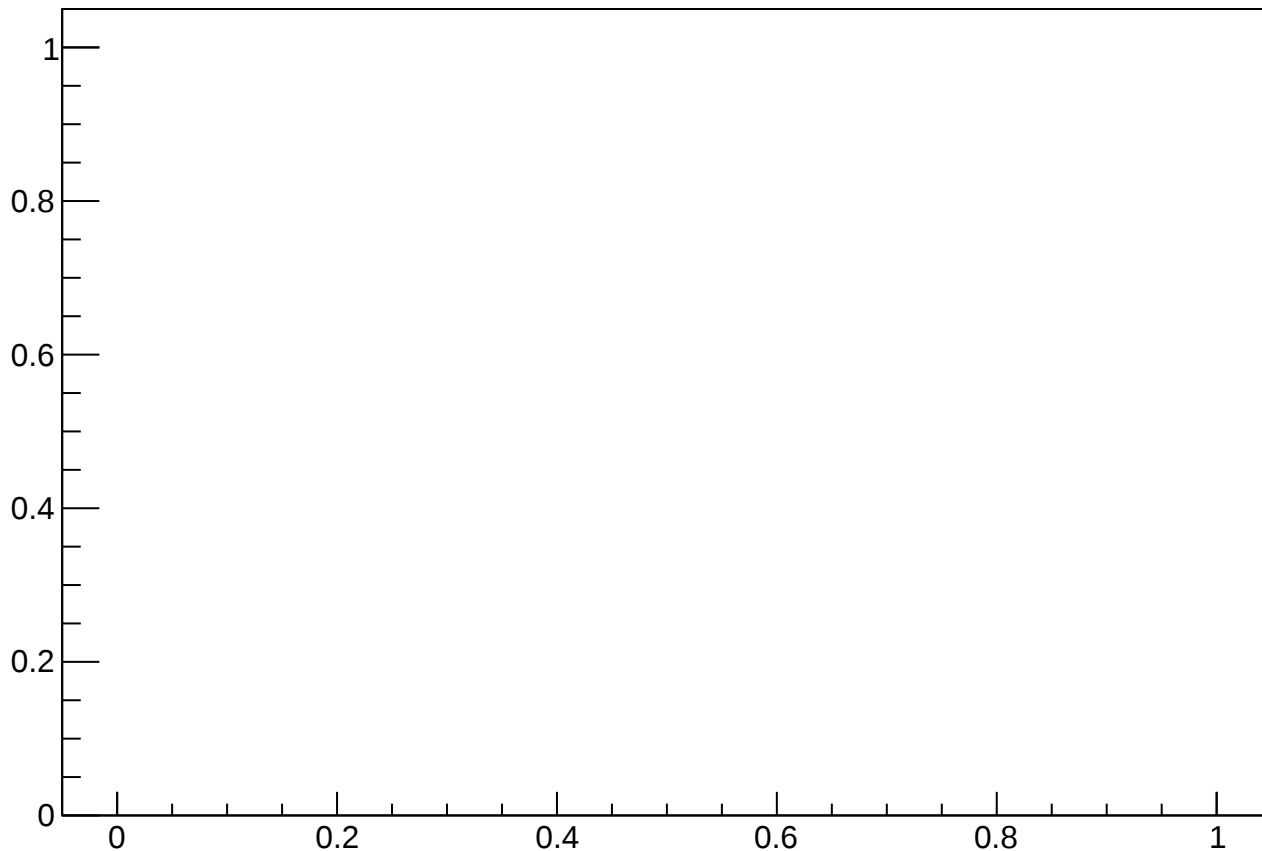
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

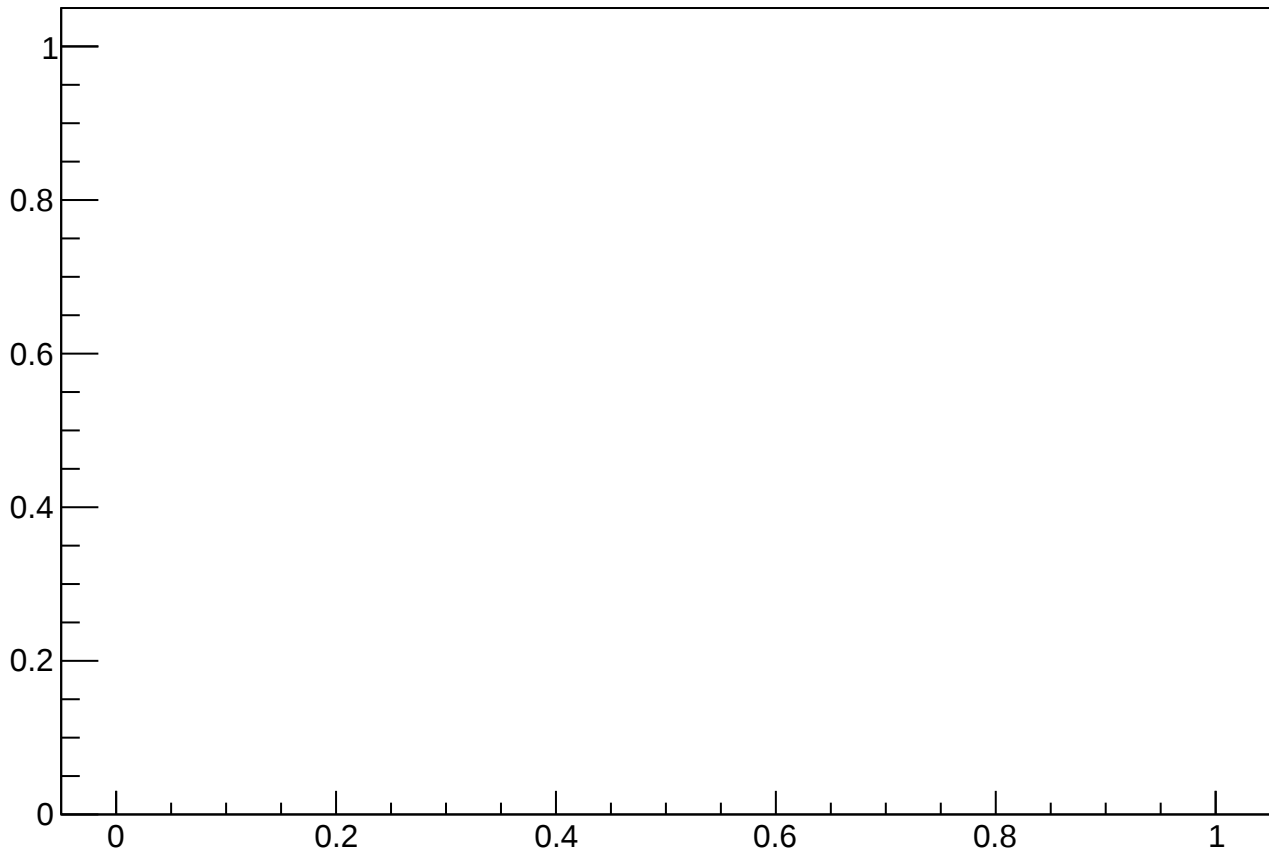
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

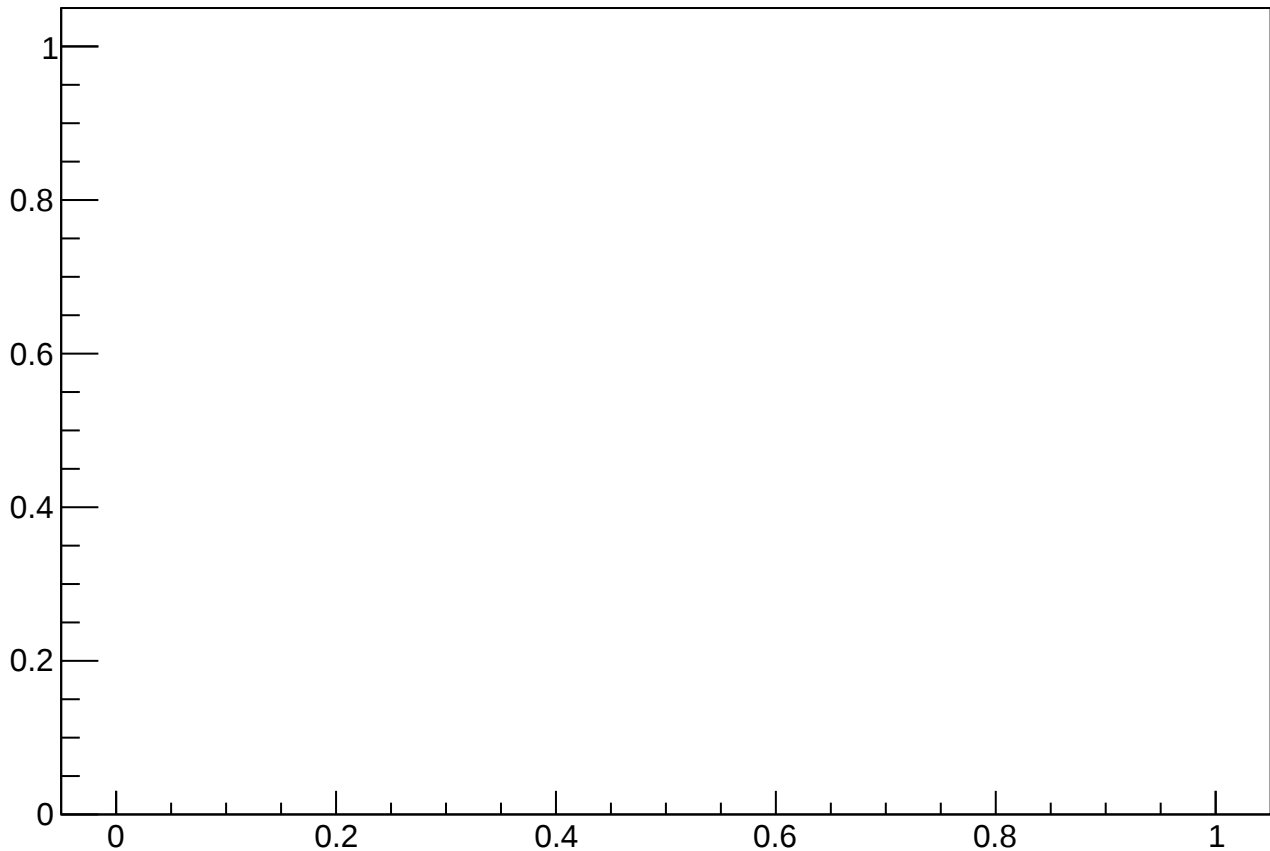
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

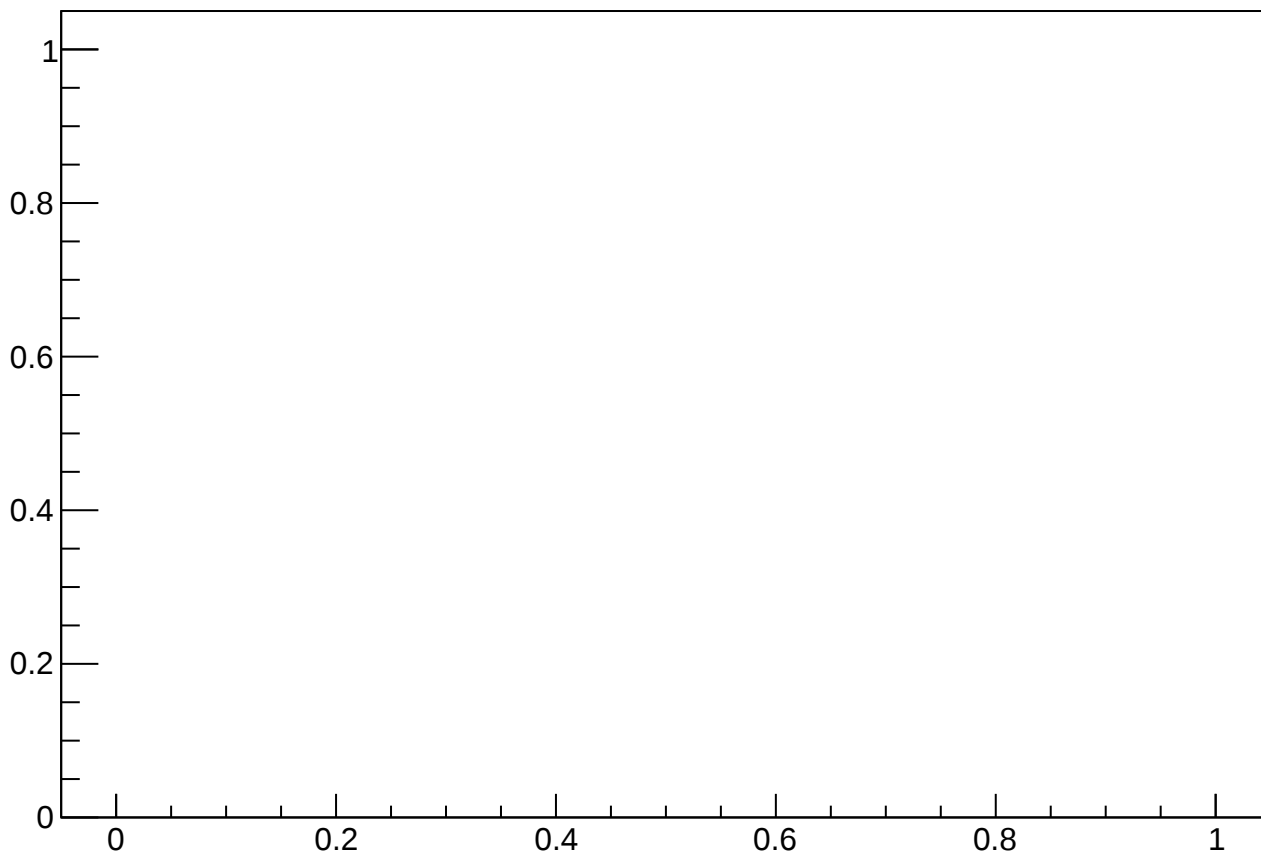
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

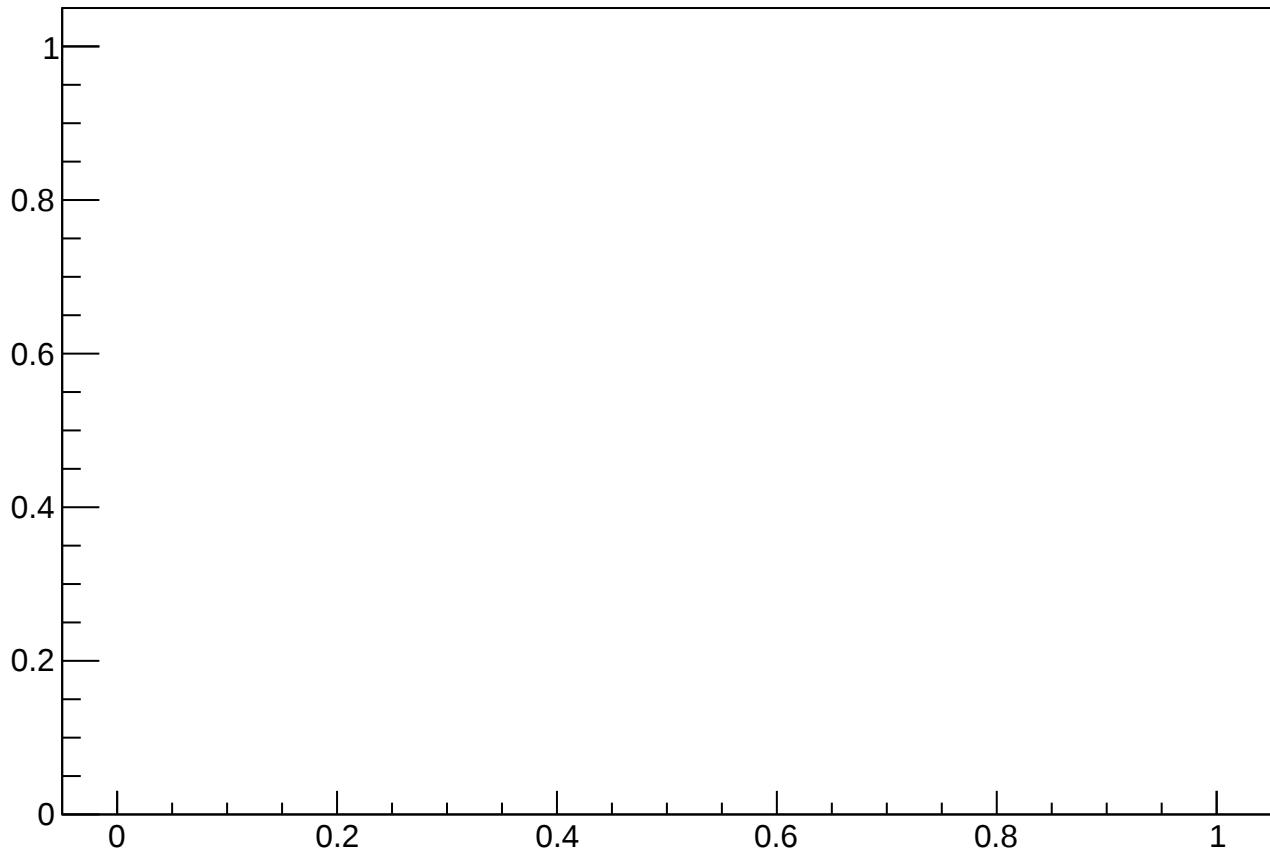
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

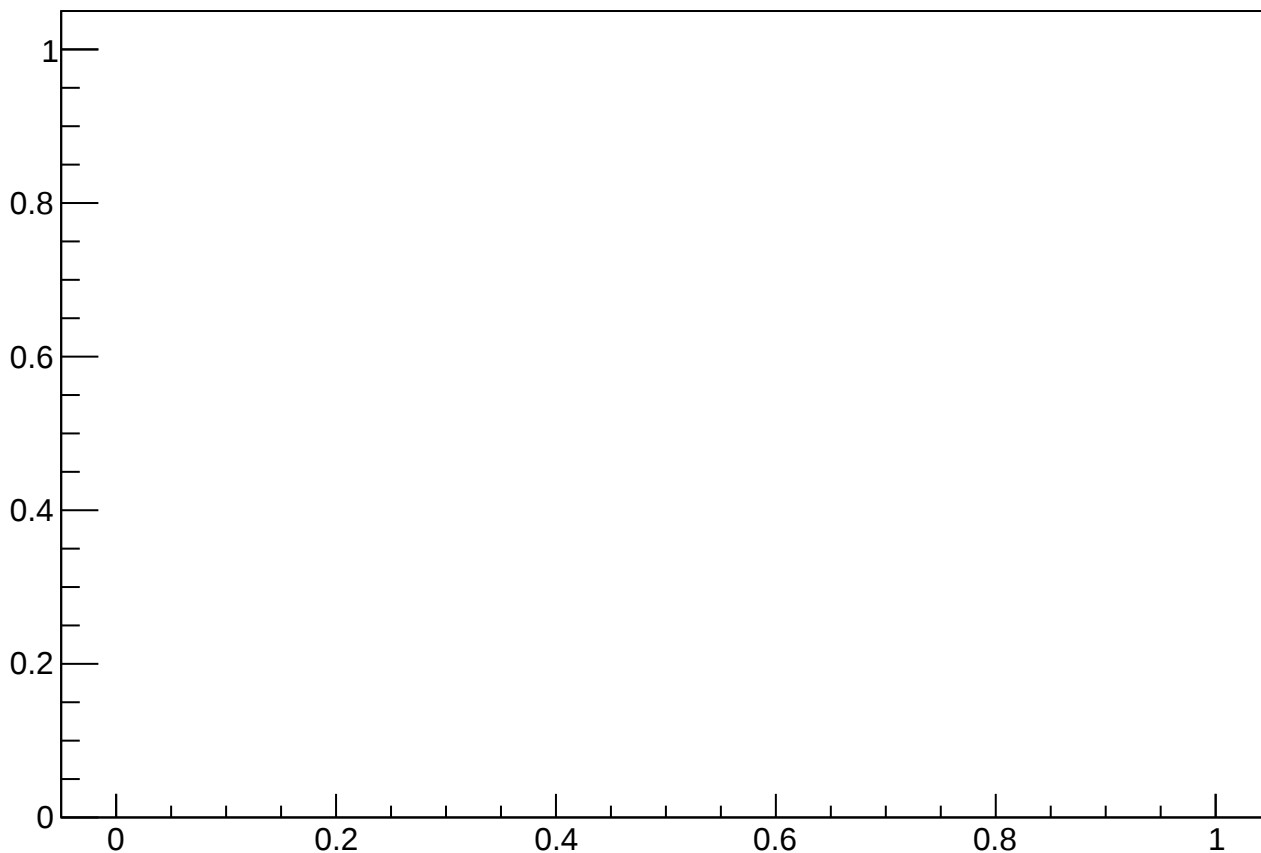
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

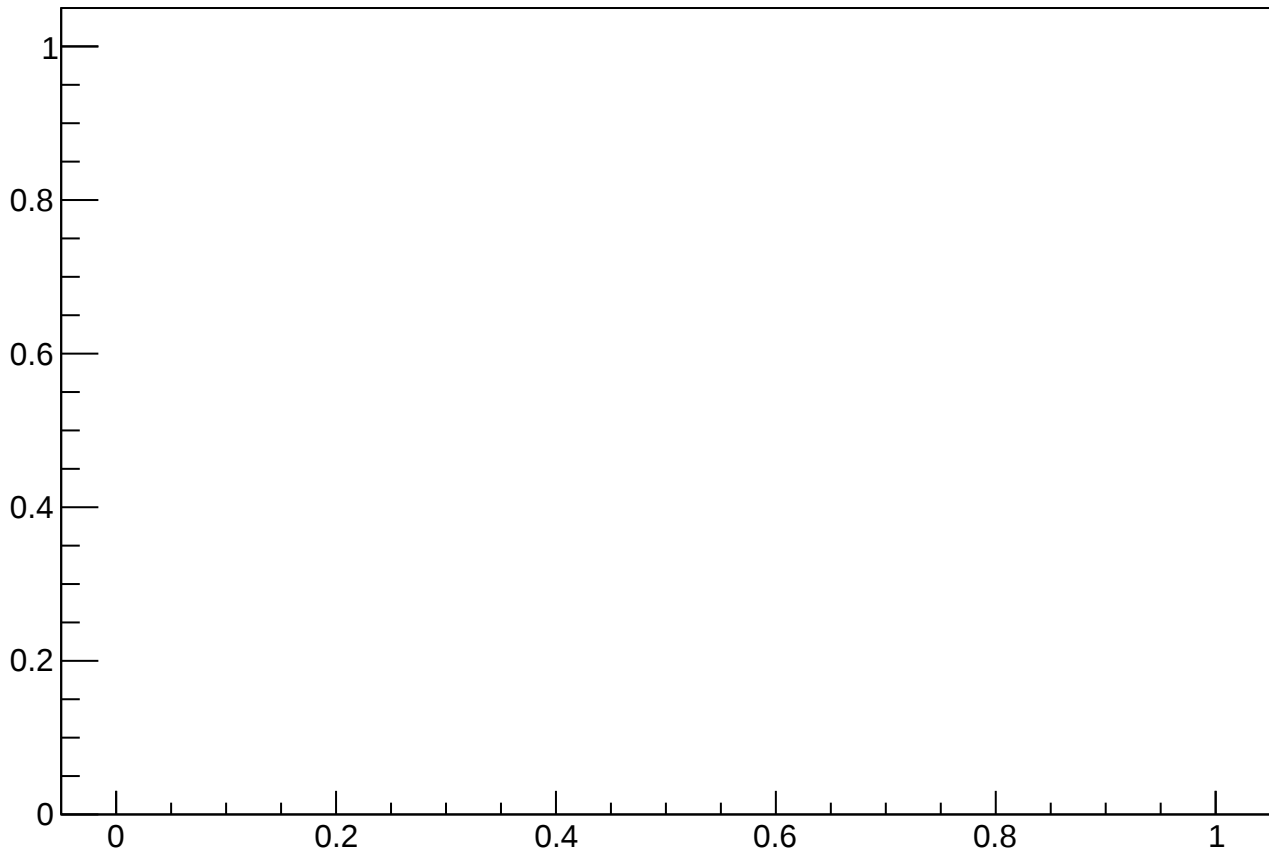
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

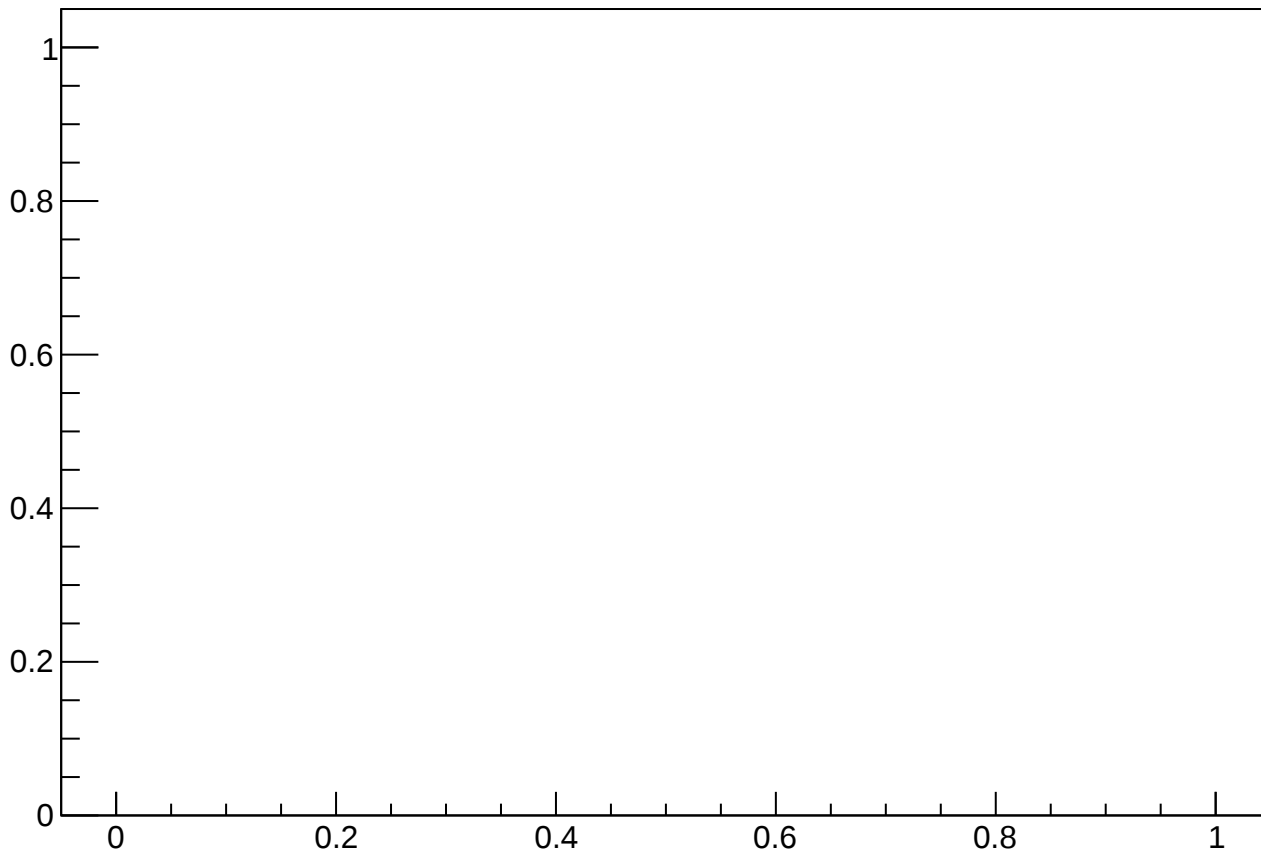
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

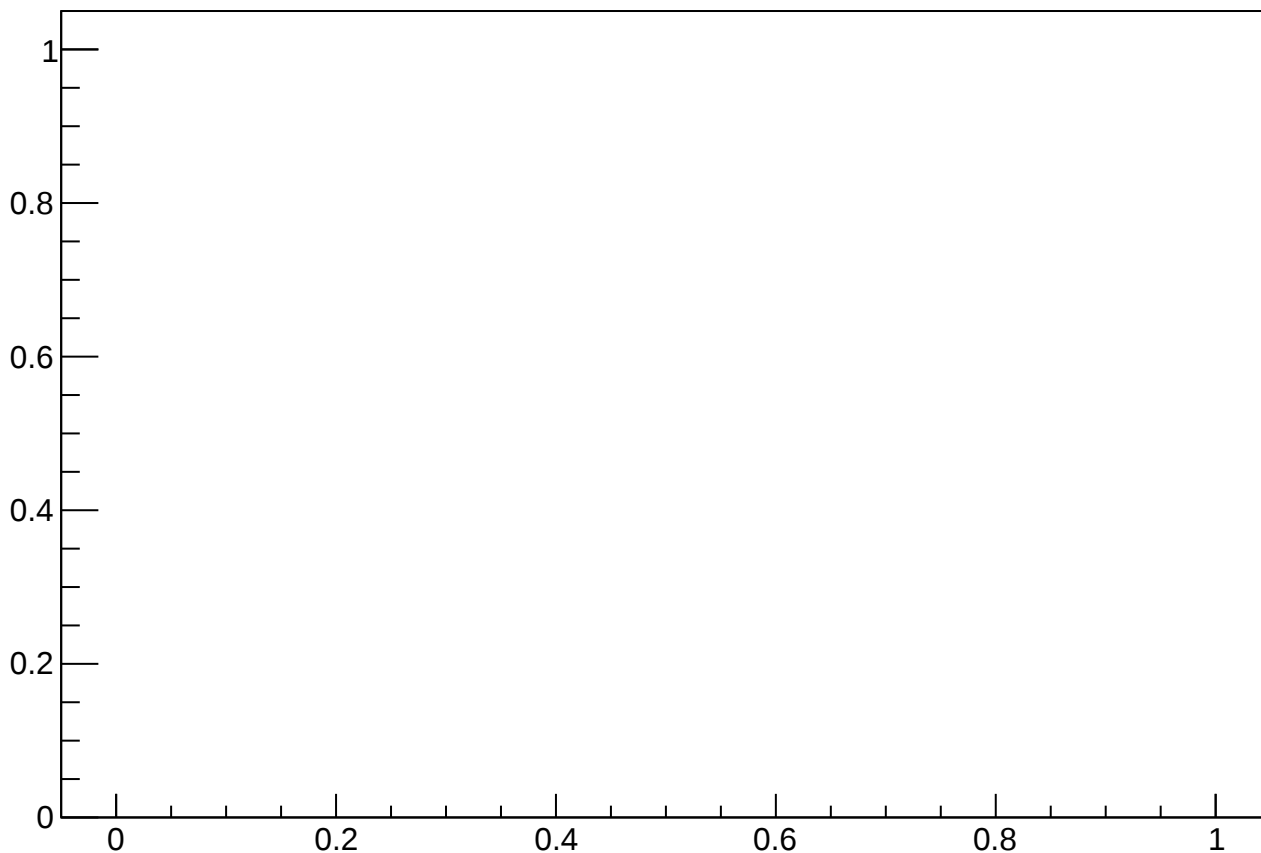
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

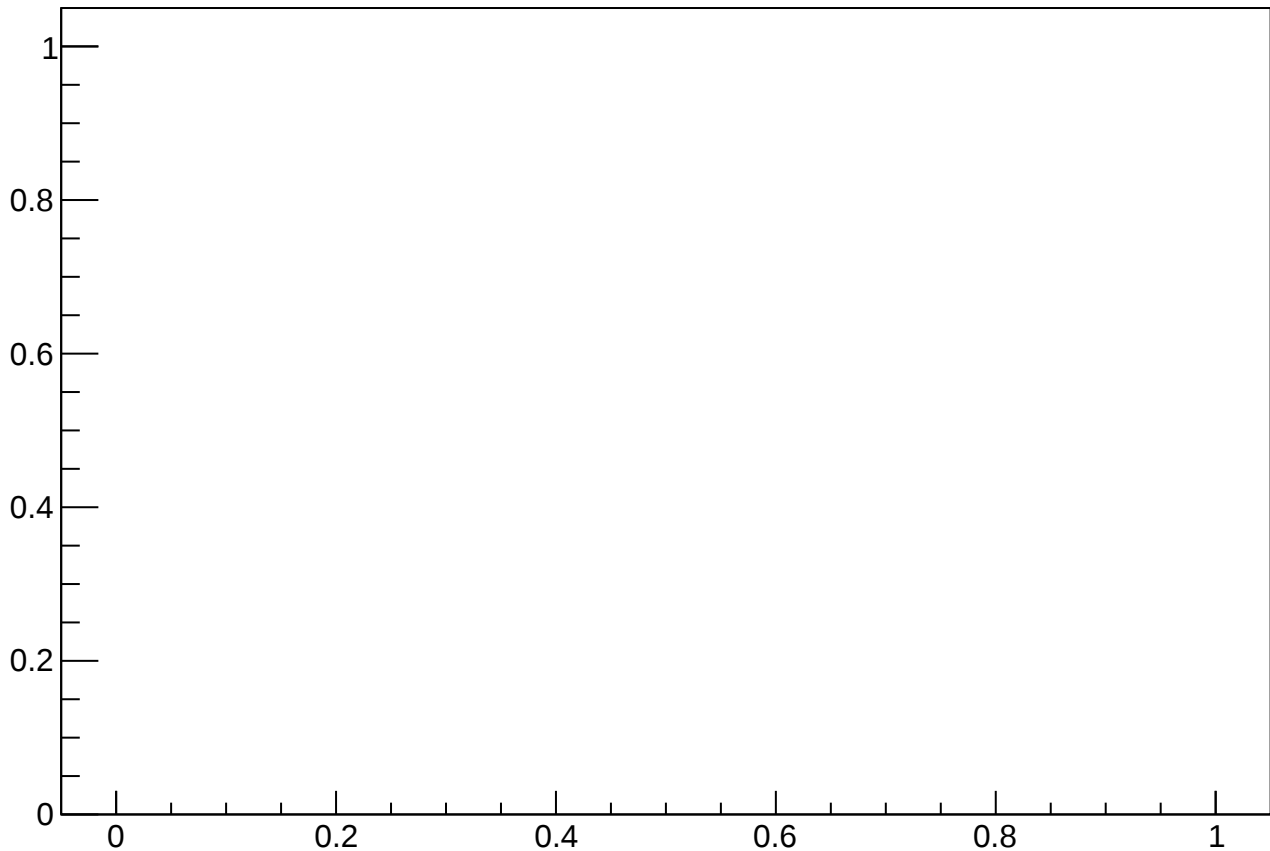
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

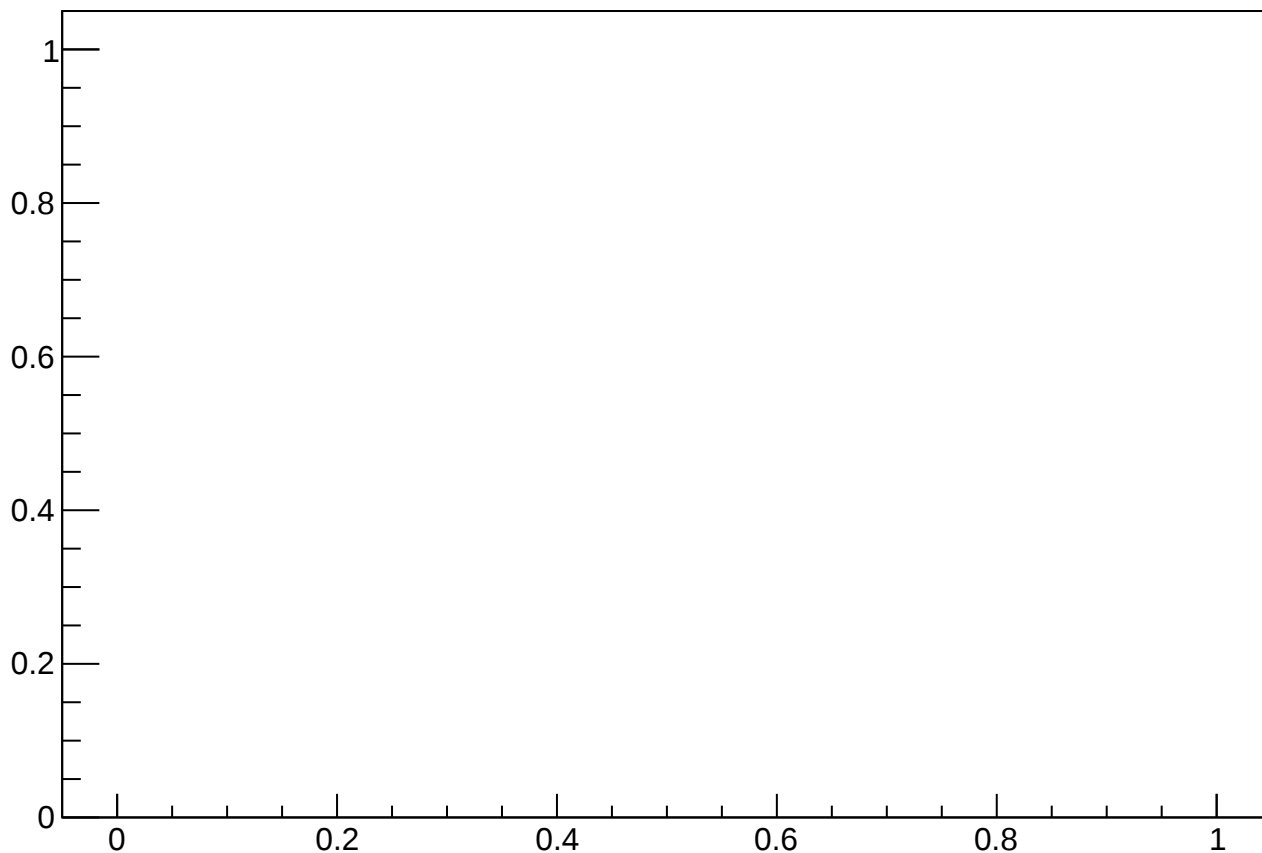
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

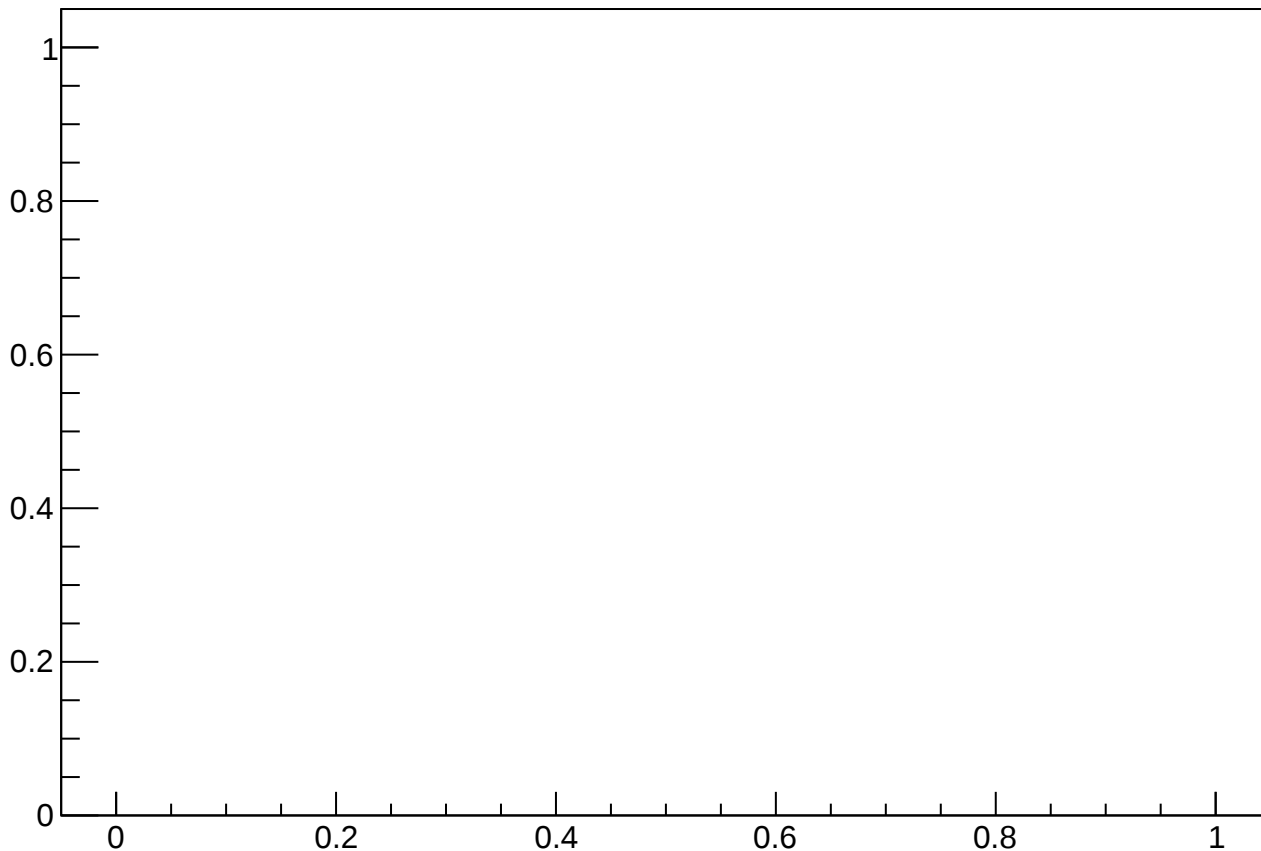
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

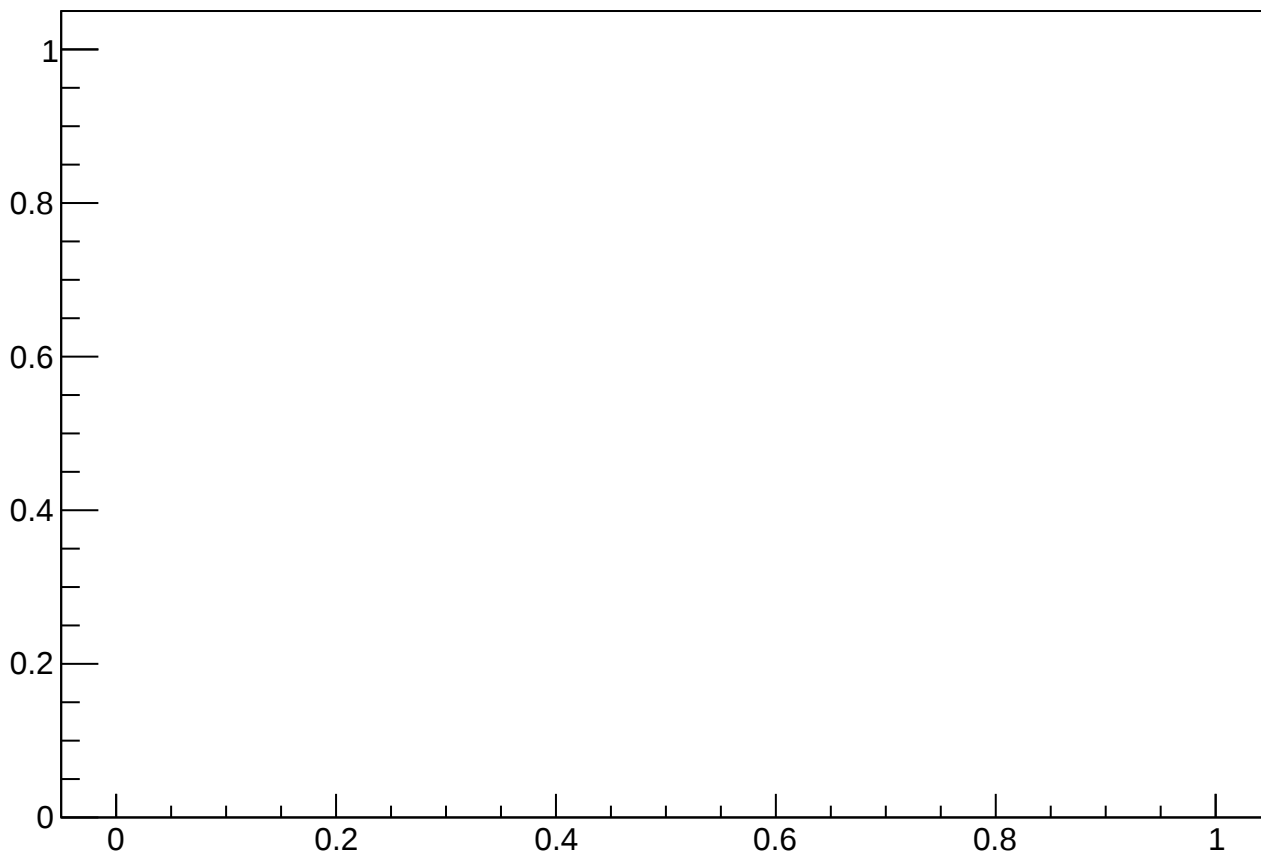
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

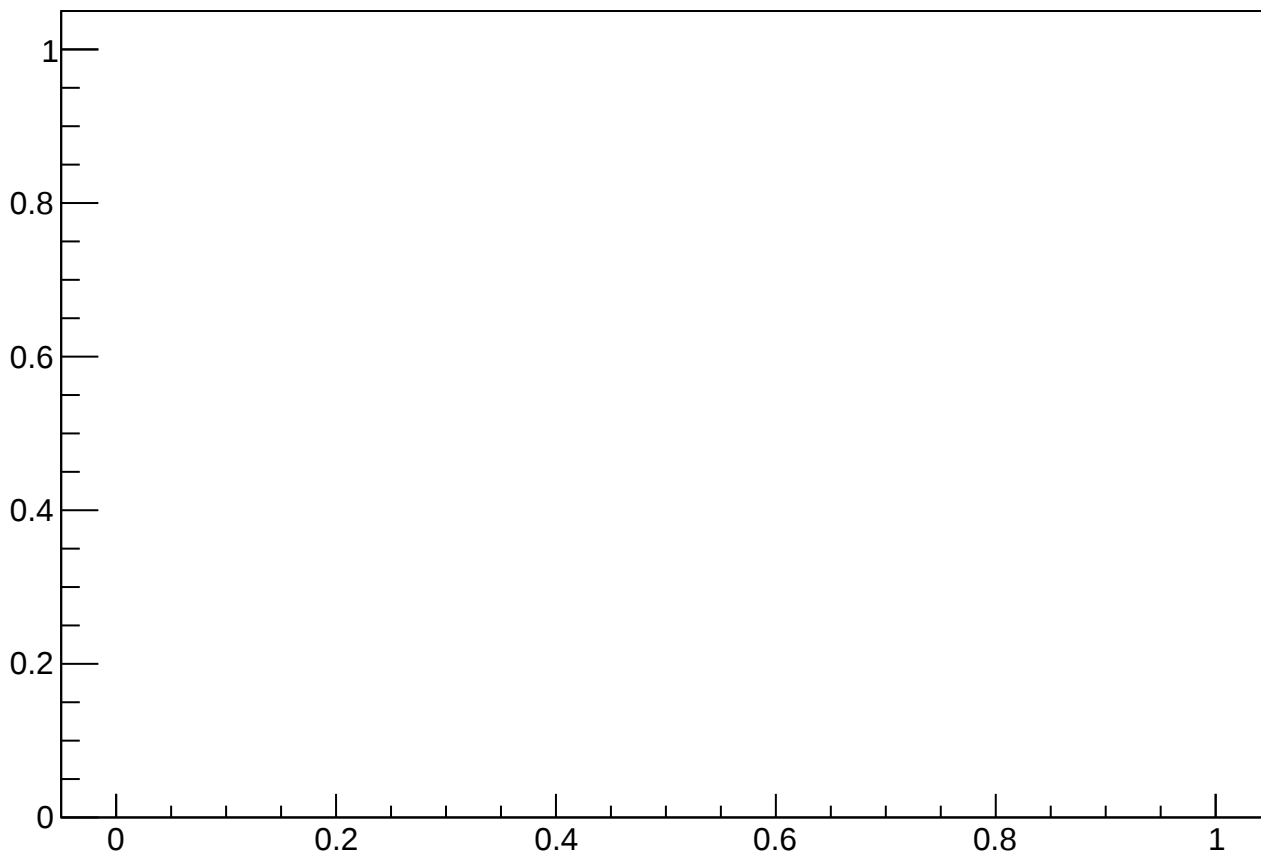
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

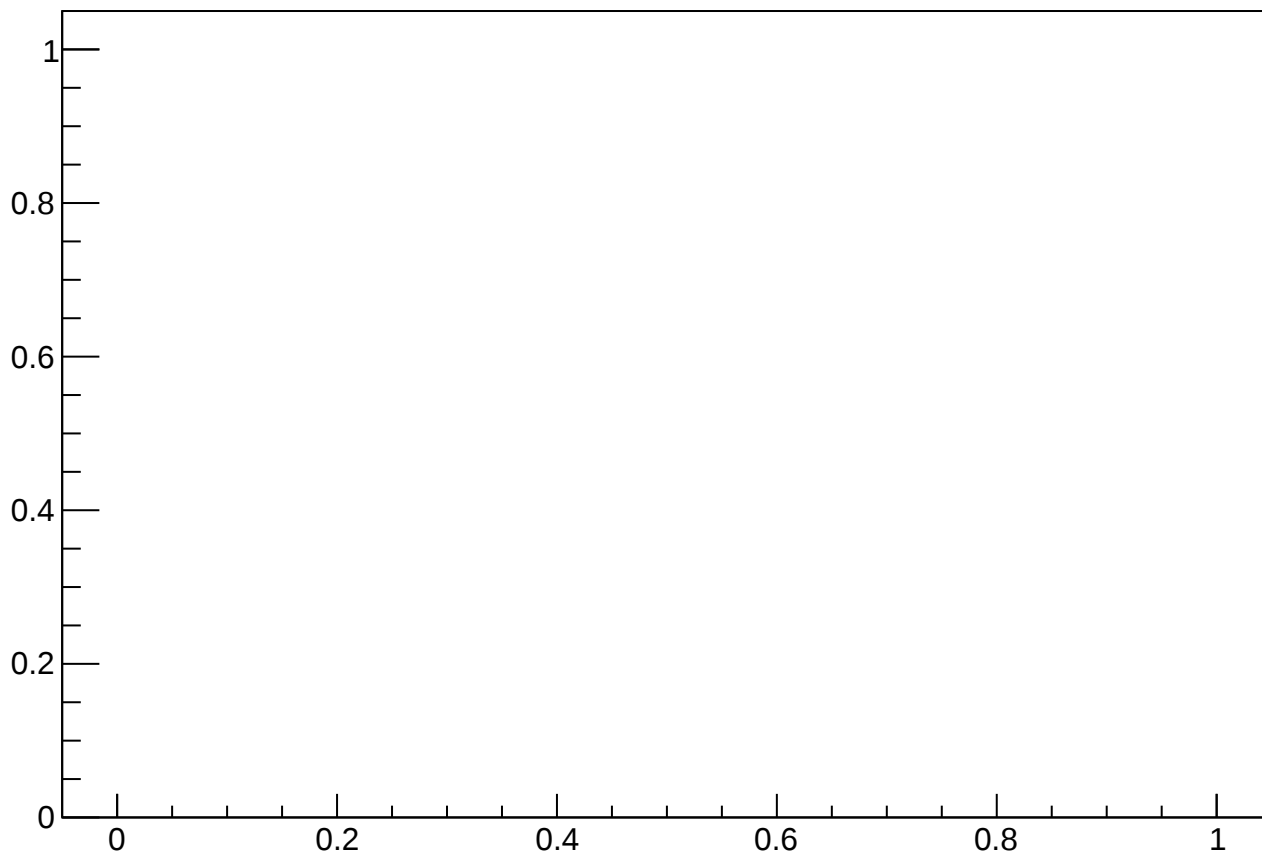
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

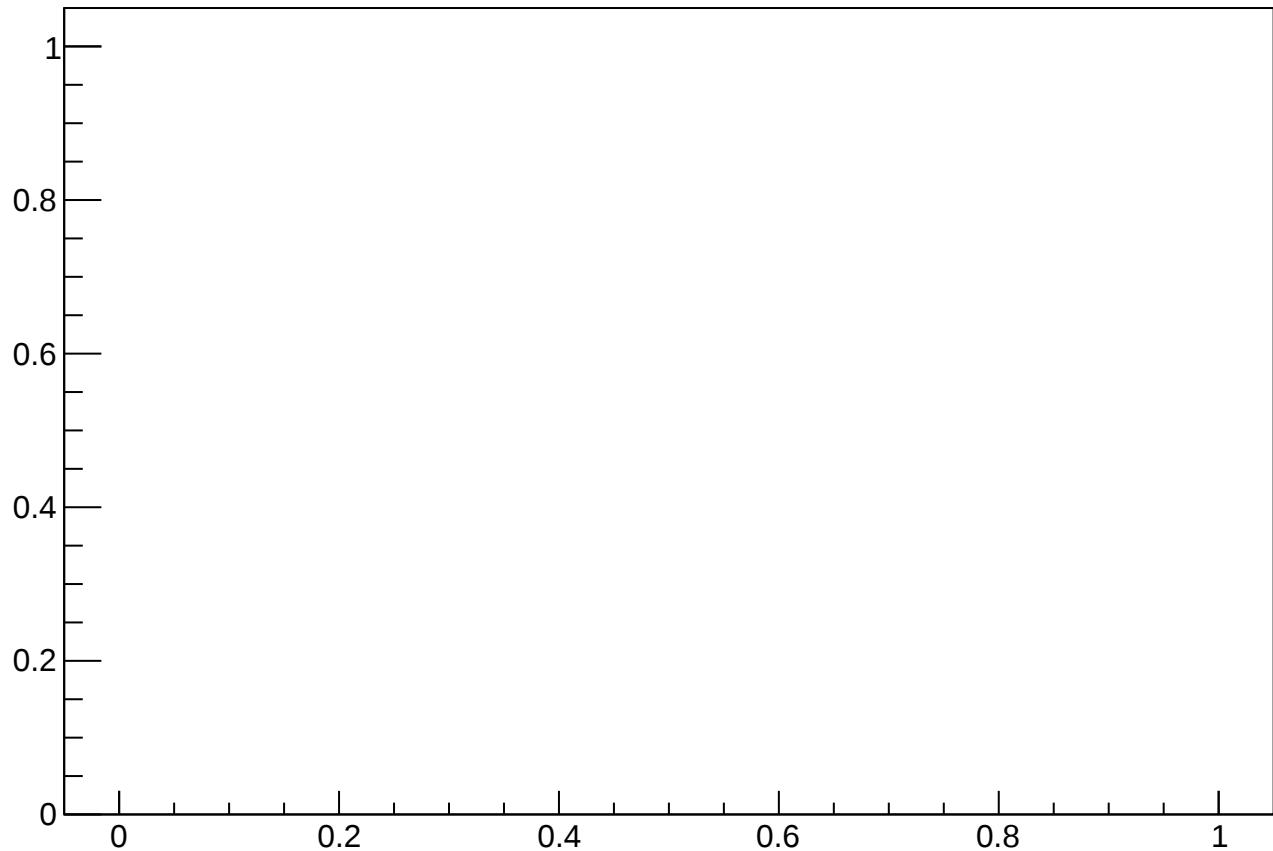
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

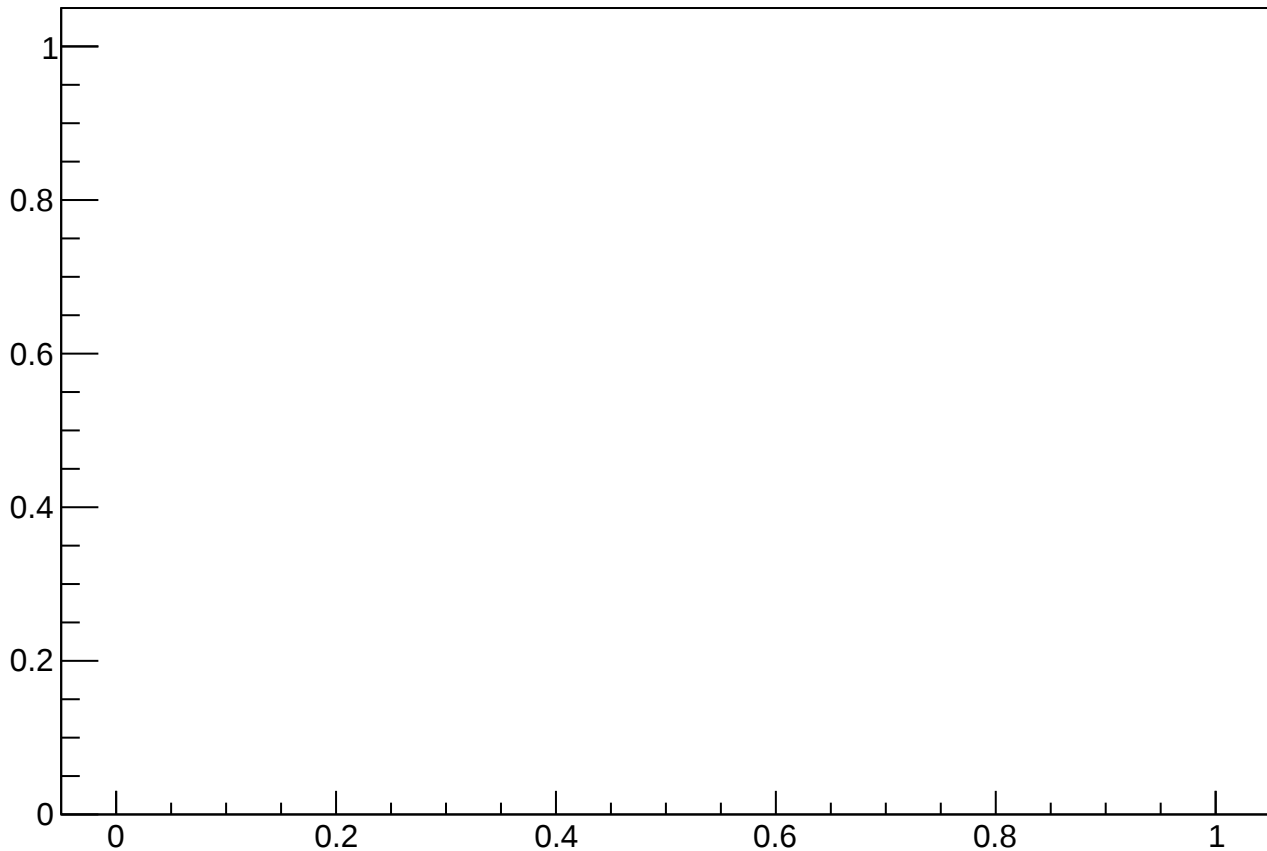
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

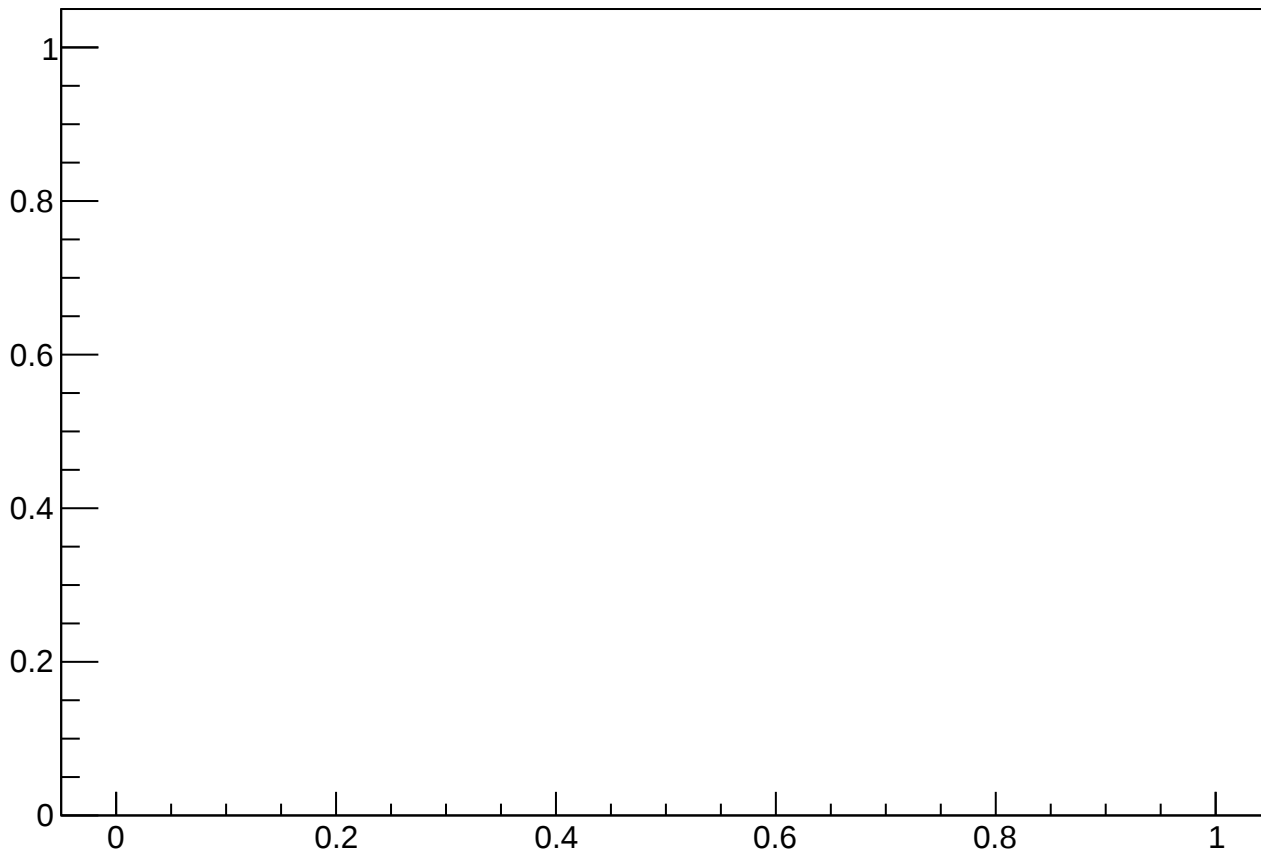
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

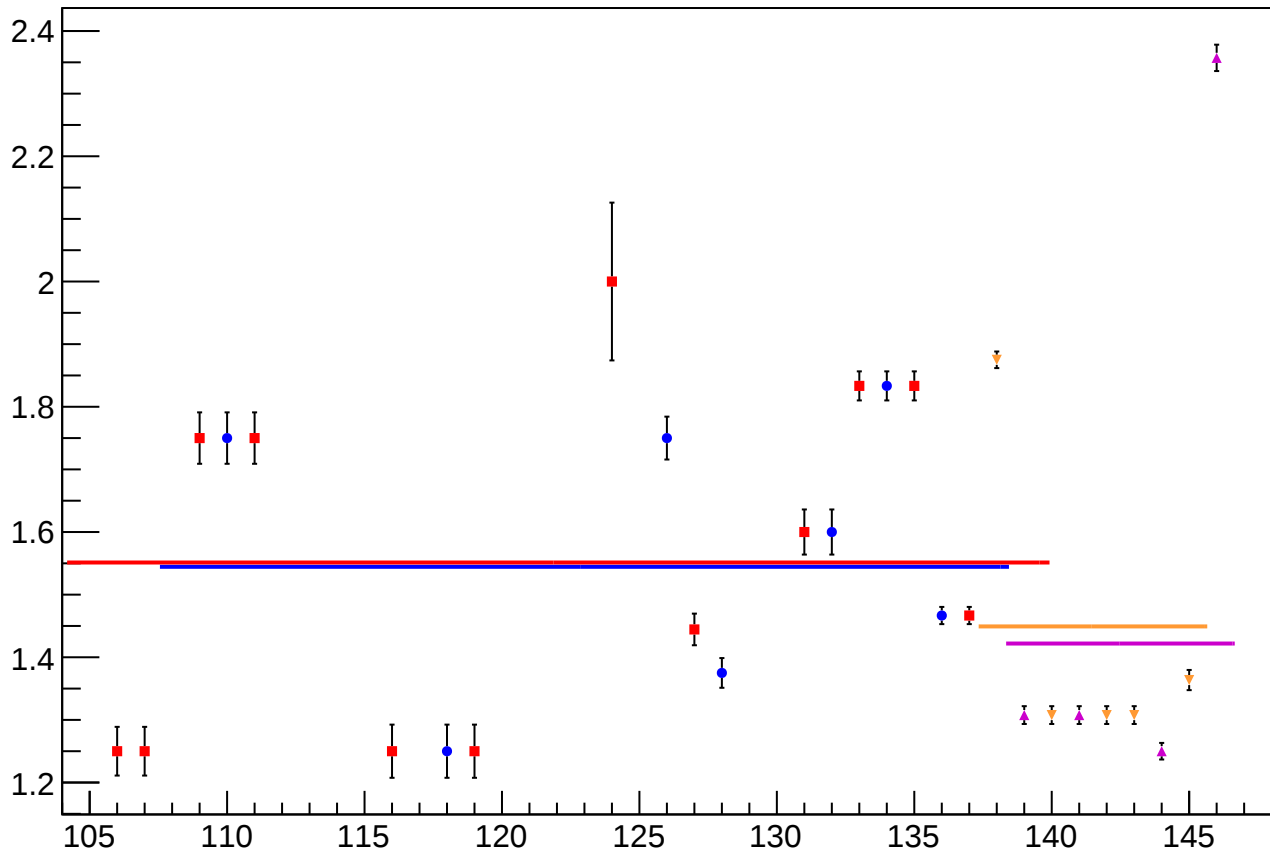
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.449 $\pm$ 0.006 χ^2 /NDF:1359.5/4

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.422 $\pm$ 0.007 χ^2 /NDF:2269.6/3

Left: 1.438 $\pm$ 0.005 χ^2 /NDF: 3636.9/8

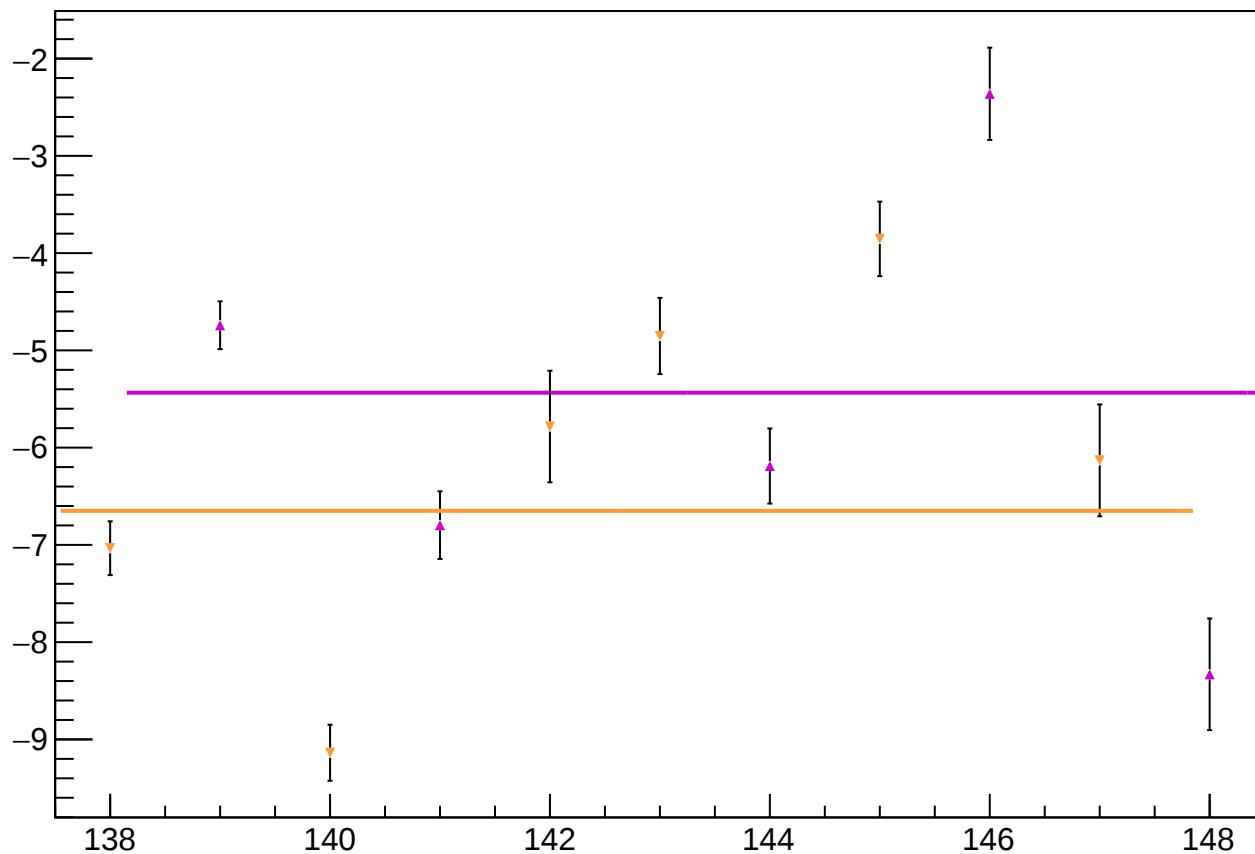
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.470 $\pm$ 0.006 χ^2 /NDF:2725.4/10

Out: 1.488 $\pm$ 0.005 χ^2 /NDF:2090.0/16

All: 1.481 $\pm$ 0.004 χ^2 /NDF: 4820.7/27

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.650+/-0.150 χ^2/NDF :153.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.435+/-0.160 χ^2/NDF :94.5/4

Left: -6.083+/-0.109 χ^2/NDF : 279.1/10

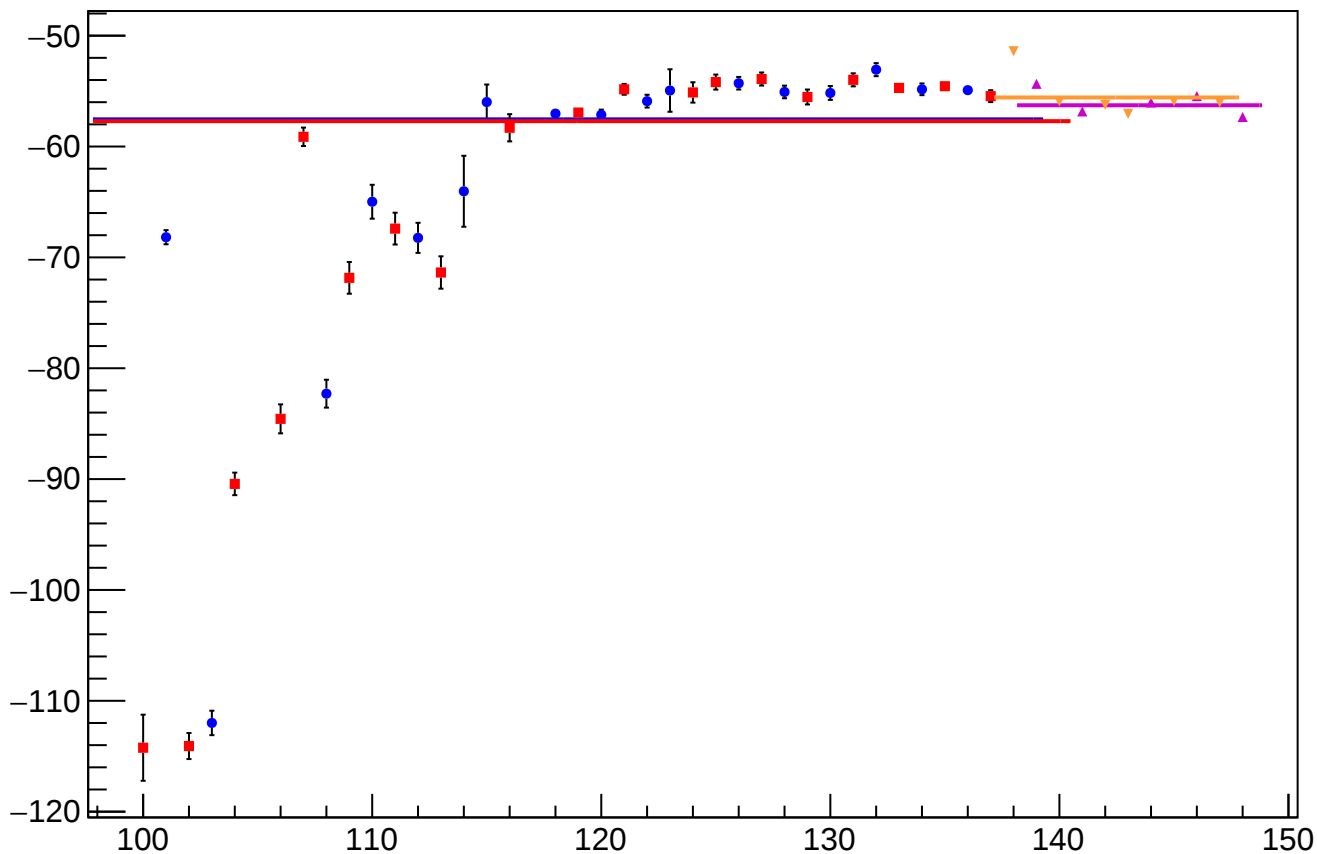
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.435+/-0.160 χ^2/NDF :94.5/4

Out: -6.650+/-0.150 χ^2/NDF :153.9/5

All: -6.083+/-0.109 χ^2/NDF : 279.1/10

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.576 $\pm$ 0.119 χ^2 /NDF:206.2/5

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -56.278 $\pm$ 0.133 χ^2 /NDF:45.5/4

Left: -55.888 $\pm$ 0.089 χ^2 /NDF: 267.3/10

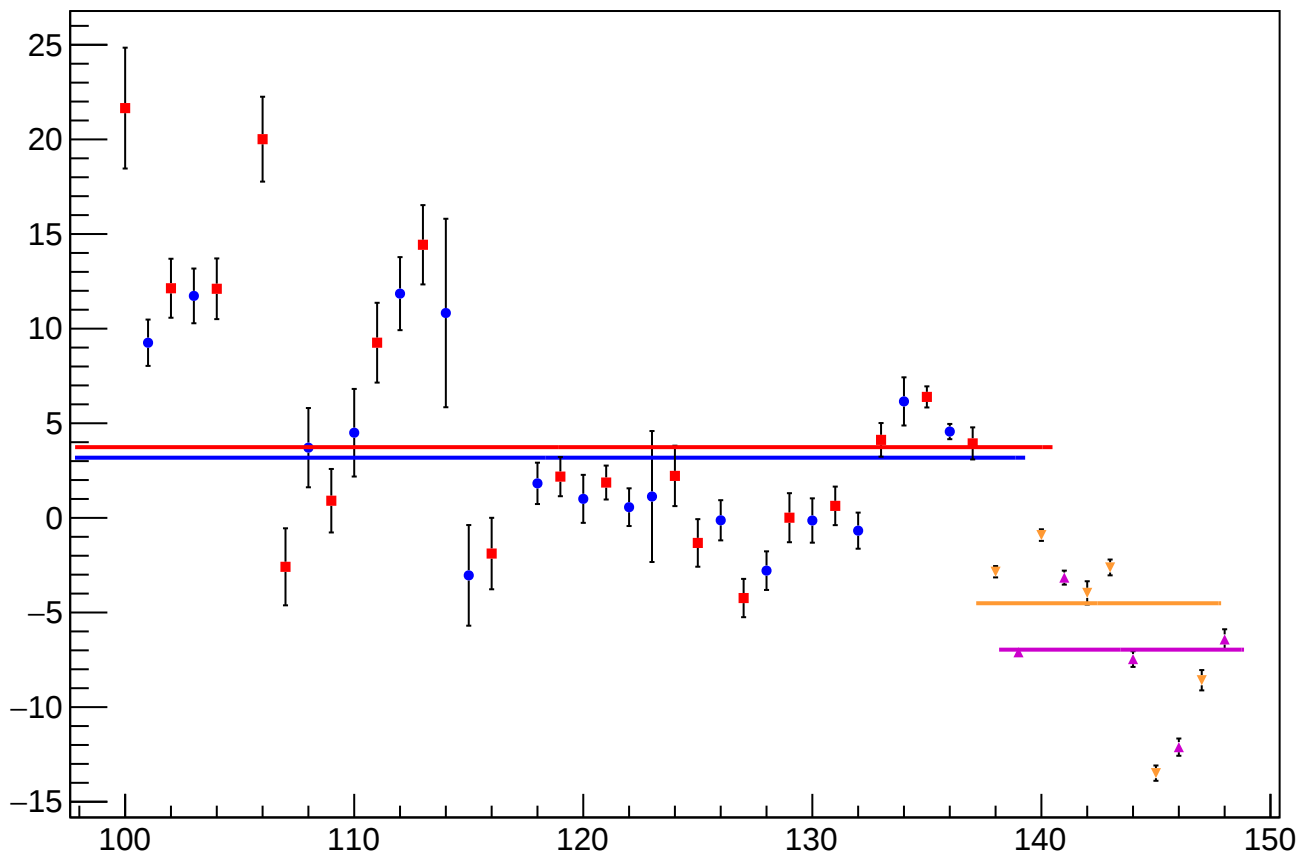
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -56.874 $\pm$ 0.097 χ^2 /NDF:3548.8/21

Out: -56.451 $\pm$ 0.091 χ^2 /NDF:5041.9/24

All: -56.650 $\pm$ 0.067 χ^2 /NDF: 8600.8/46

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -4.511 ± 0.159 $\chi^2/\text{NDF}: 740.0/5$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -6.963 ± 0.168 $\chi^2/\text{NDF}: 236.5/4$

Left: -5.670 ± 0.115 $\chi^2/\text{NDF}: 1089.3/10$

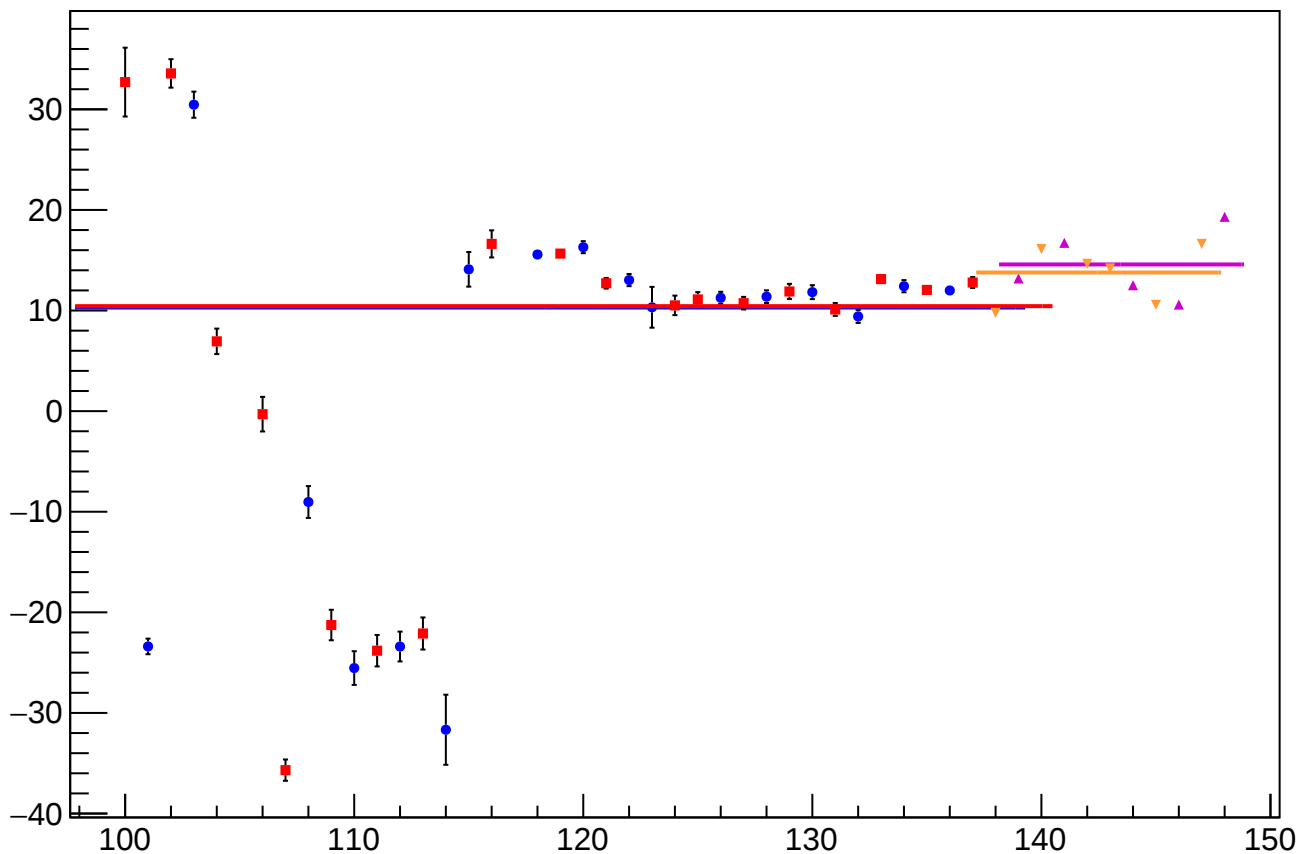
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -3.950 ± 0.141 $\chi^2/\text{NDF}: 1508.6/21$

Out: -2.355 ± 0.136 $\chi^2/\text{NDF}: 1766.3/24$

All: -3.129 ± 0.098 $\chi^2/\text{NDF}: 3341.1/46$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 13.779 $\pm$ 0.143 χ^2 /NDF:333.0/5

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 14.582 $\pm$ 0.160 χ^2 /NDF:356.3/4

Left: 14.136 $\pm$ 0.106 χ^2 /NDF: 703.3/10

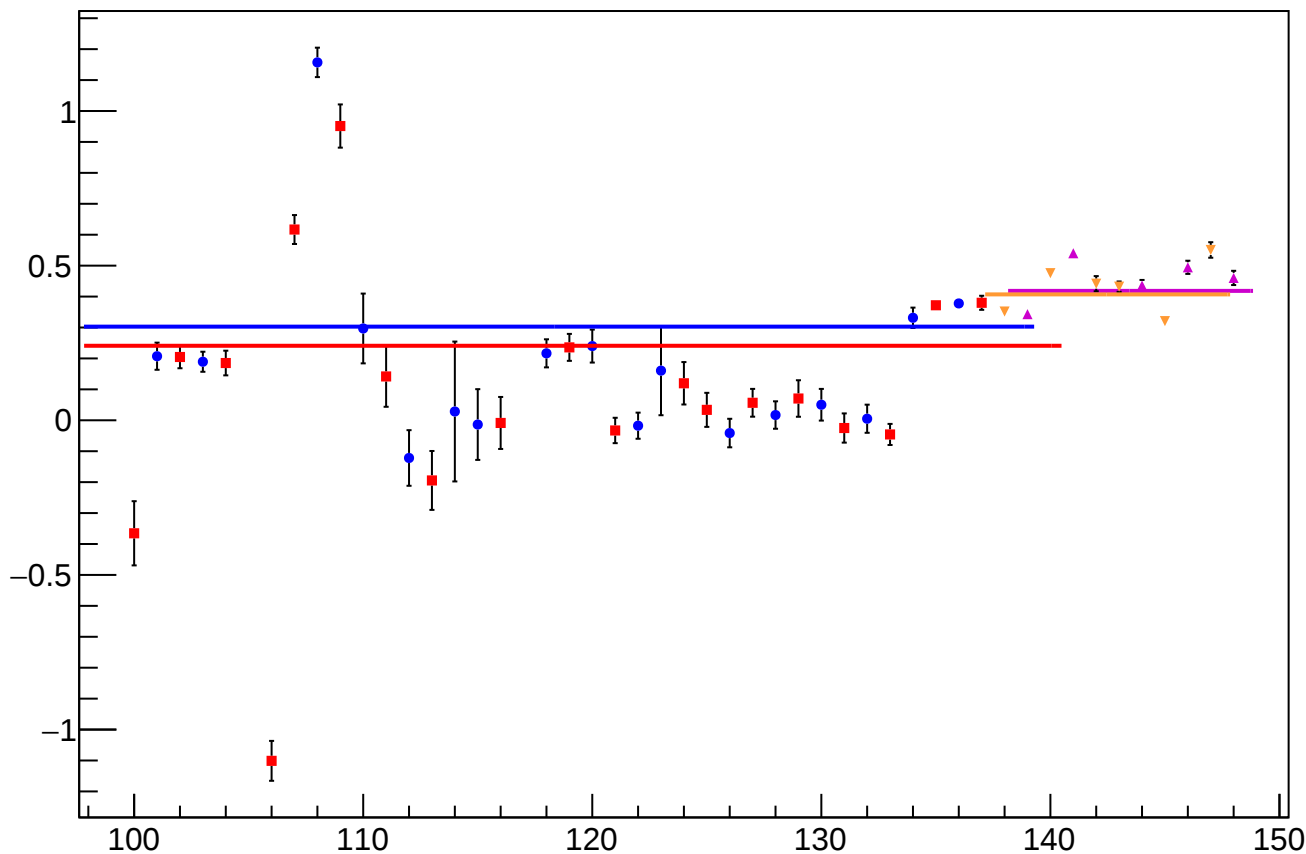
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 12.405 $\pm$ 0.112 χ^2 /NDF:4421.2/21

Out: 12.294 $\pm$ 0.106 χ^2 /NDF:4405.1/24

All: 12.347 $\pm$ 0.077 χ^2 /NDF: 8826.8/46

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: 0.407 $\pm$ 0.006 χ^2 /NDF:116.5/5

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.418 $\pm$ 0.007 χ^2 /NDF:148.1/4

Left: 0.413 $\pm$ 0.005 χ^2 /NDF: 266.1/10

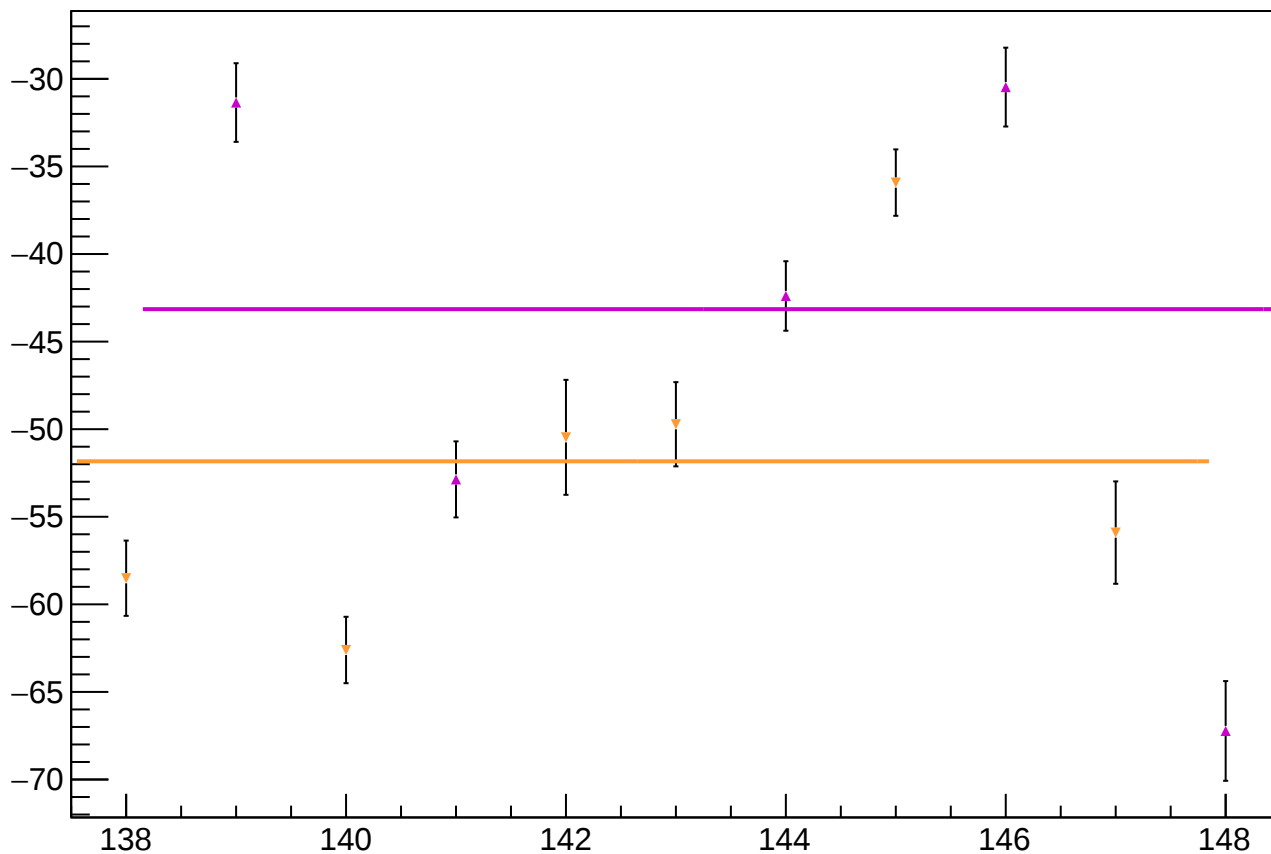
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.373 $\pm$ 0.005 χ^2 /NDF:916.0/21

Out: 0.346 $\pm$ 0.005 χ^2 /NDF:1348.0/24

All: 0.360 $\pm$ 0.004 χ^2 /NDF: 2277.6/46

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.835+/-0.930 χ^2/NDF :115.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.148+/-1.007 χ^2/NDF :151.1/4

Left: -47.837+/-0.683 χ^2/NDF : 306.6/10

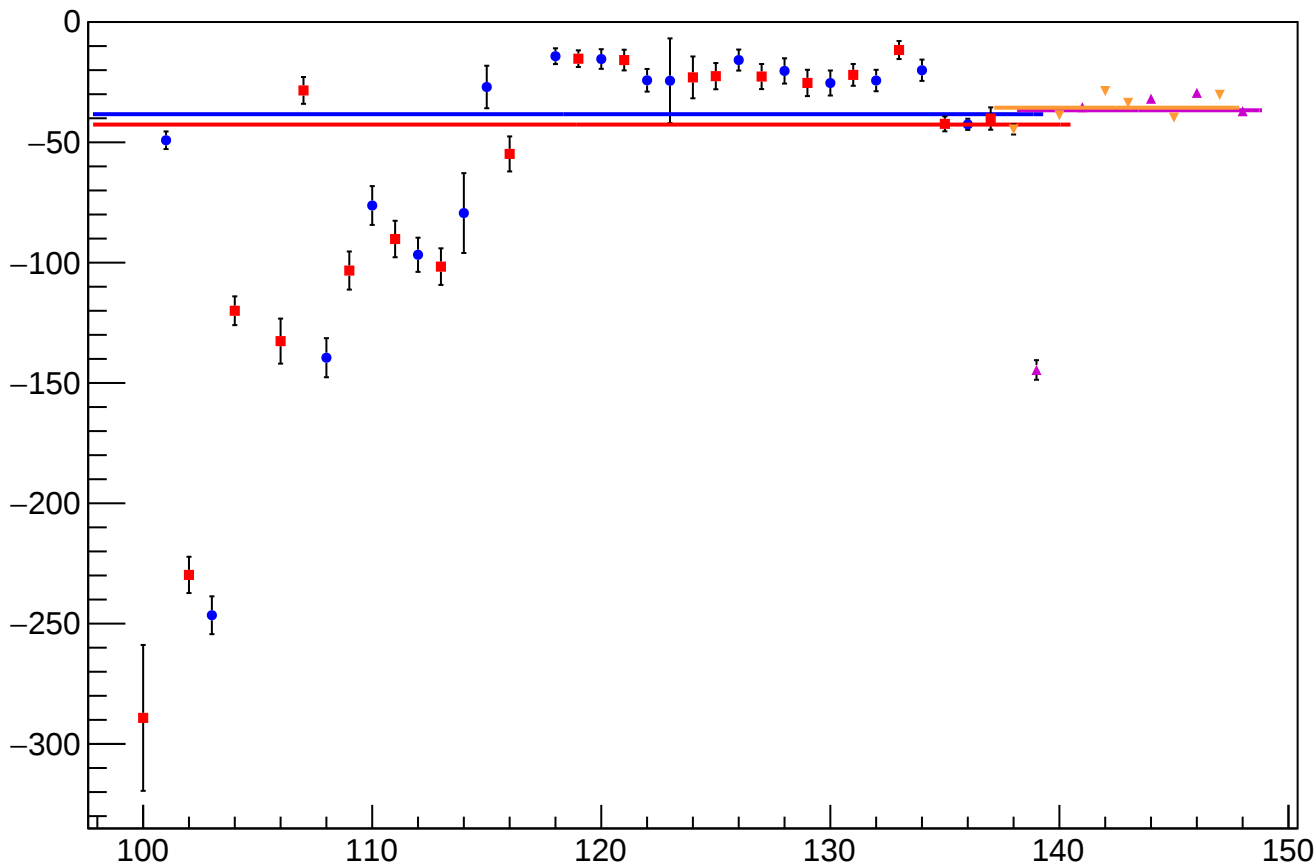
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.148+/-1.007 χ^2/NDF :151.1/4

Out: -51.835+/-0.930 χ^2/NDF :115.3/5

All: -47.837+/-0.683 χ^2/NDF : 306.6/10

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: -35.604 ± 0.676 $\chi^2/\text{NDF}: 57.1/5$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -36.681 ± 0.705 $\chi^2/\text{NDF}: 742.2/4$

Left: -36.120 ± 0.488 $\chi^2/\text{NDF}: 800.5/10$

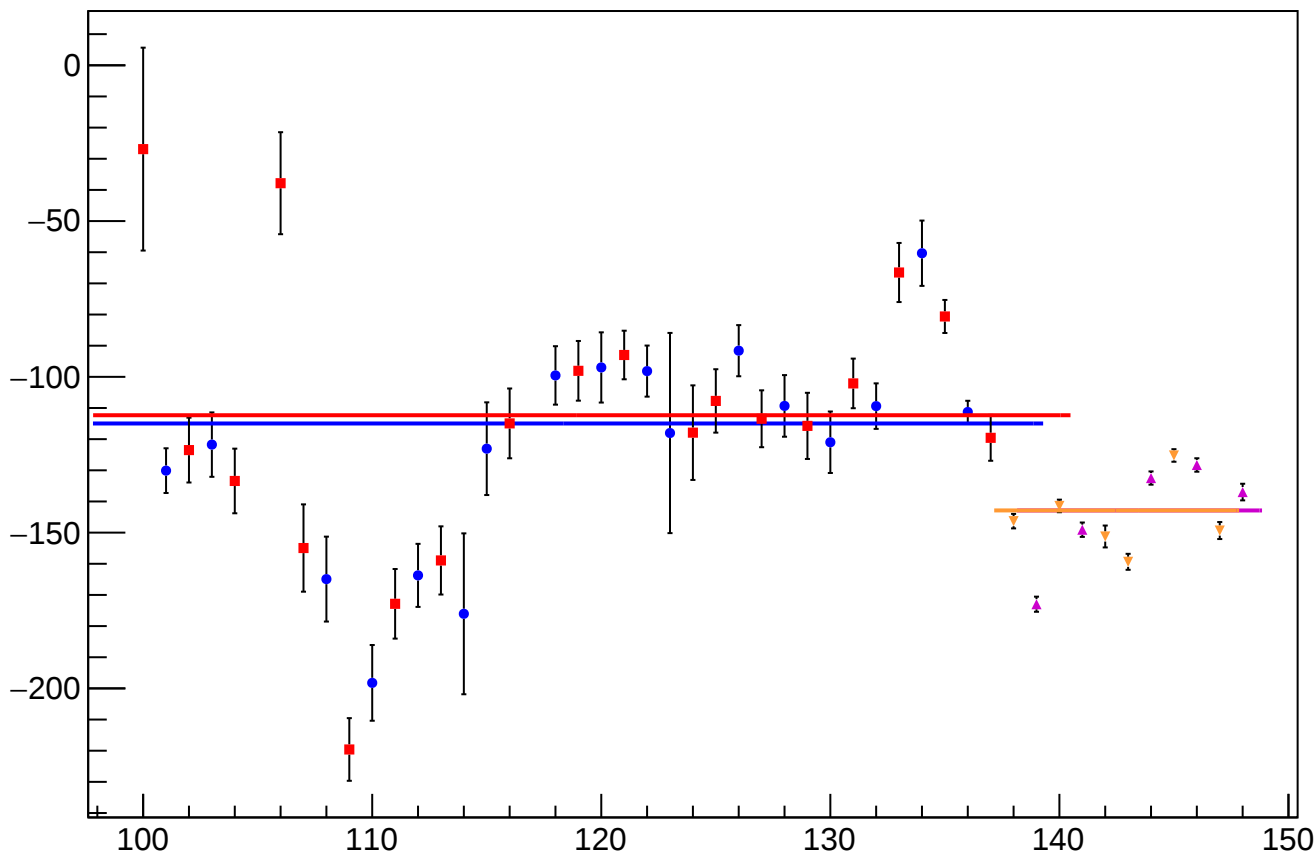
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -37.130 ± 0.599 $\chi^2/\text{NDF}: 1876.4/21$

Out: -37.276 ± 0.590 $\chi^2/\text{NDF}: 1427.2/24$

All: -37.204 ± 0.420 $\chi^2/\text{NDF}: 3303.7/46$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 χ^2/NDF : 141.4/16

Left Out: -142.876 ± 0.979 χ^2/NDF : 131.8/5

Right Out: -112.320 ± 2.205 χ^2/NDF : 274.0/18

Left In: -142.885 ± 1.035 χ^2/NDF : 235.4/4

Left: -142.880 ± 0.711 χ^2/NDF : 367.2/10

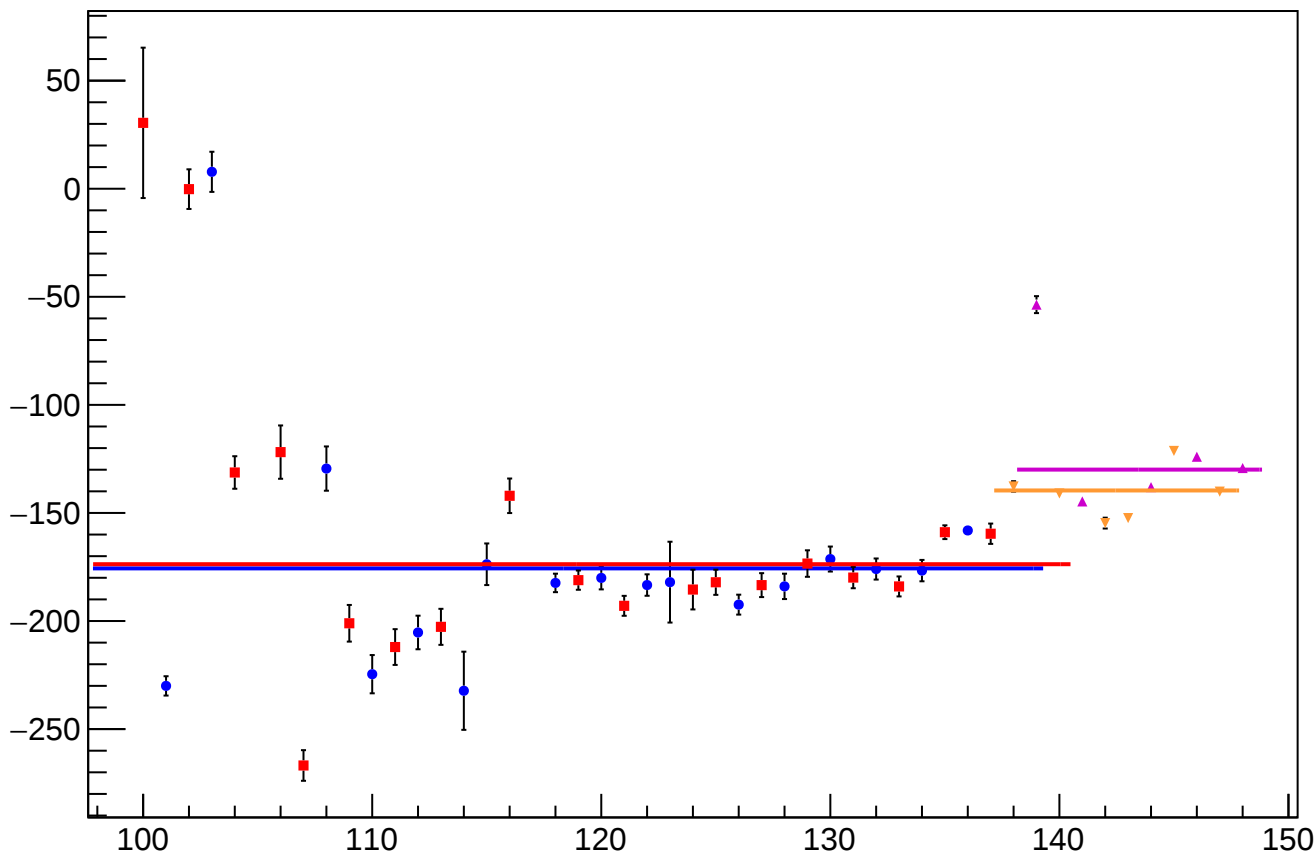
Right: -113.725 ± 1.511 χ^2/NDF : 416.2/35

In: -137.323 ± 0.926 χ^2/NDF : 521.8/21

Out: -137.843 ± 0.895 χ^2/NDF : 566.2/24

All: -137.592 ± 0.644 χ^2/NDF : 1088.1/46

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -139.598 ± 0.827 χ^2/NDF : 186.5/5

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -129.951 ± 0.876 χ^2/NDF : 476.5/4

Left: -135.054 ± 0.601 χ^2/NDF : 727.2/10

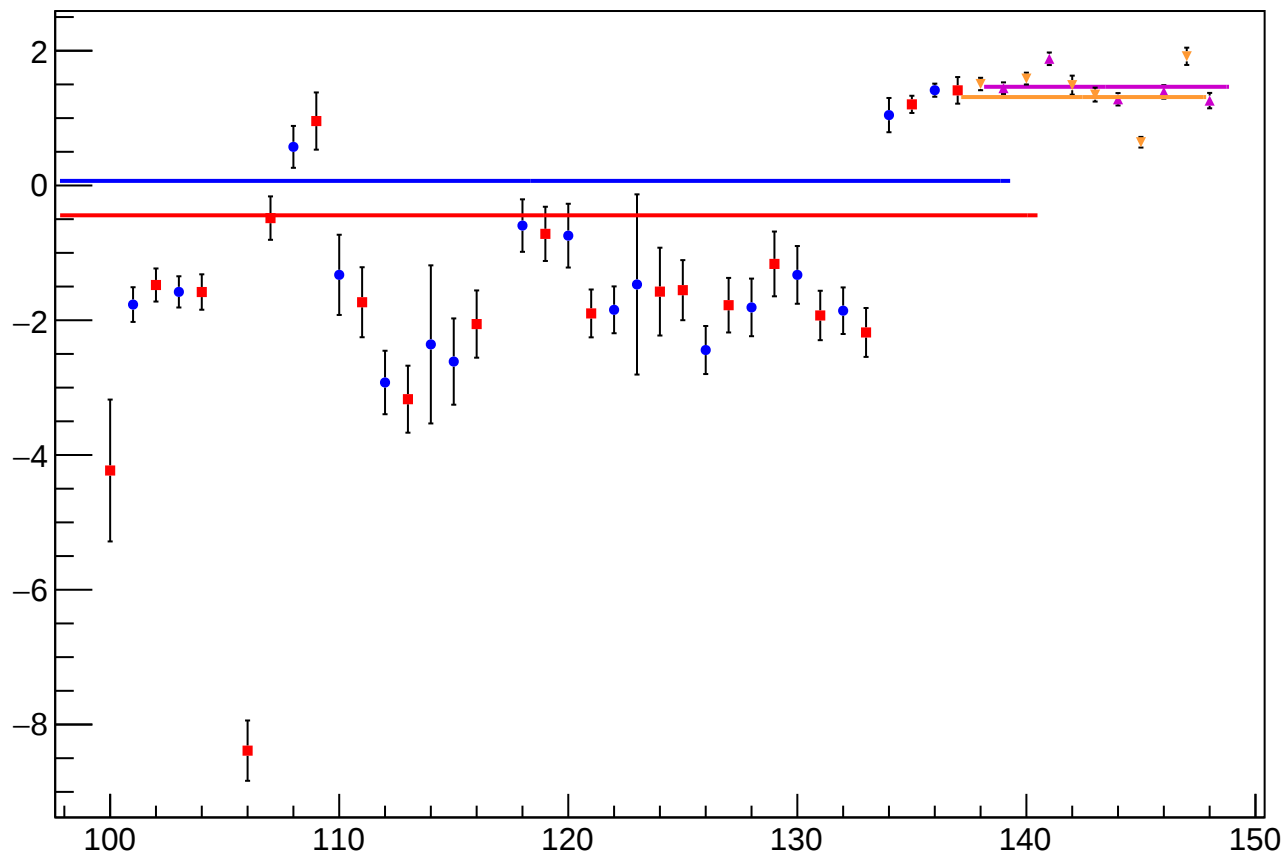
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -144.697 ± 0.721 χ^2/NDF : 2046.9/21

Out: -148.858 ± 0.706 χ^2/NDF : 1386.9/24

All: -146.822 ± 0.504 χ^2/NDF : 3450.9/46

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 $\chi^2/\text{NDF}: 525.9/16$

Left Out: 1.313 ± 0.040 $\chi^2/\text{NDF}: 110.0/5$

Right Out: -0.443 ± 0.071 $\chi^2/\text{NDF}: 755.9/18$

Left In: 1.465 ± 0.043 $\chi^2/\text{NDF}: 27.8/4$

Left: 1.384 ± 0.029 $\chi^2/\text{NDF}: 144.4/10$

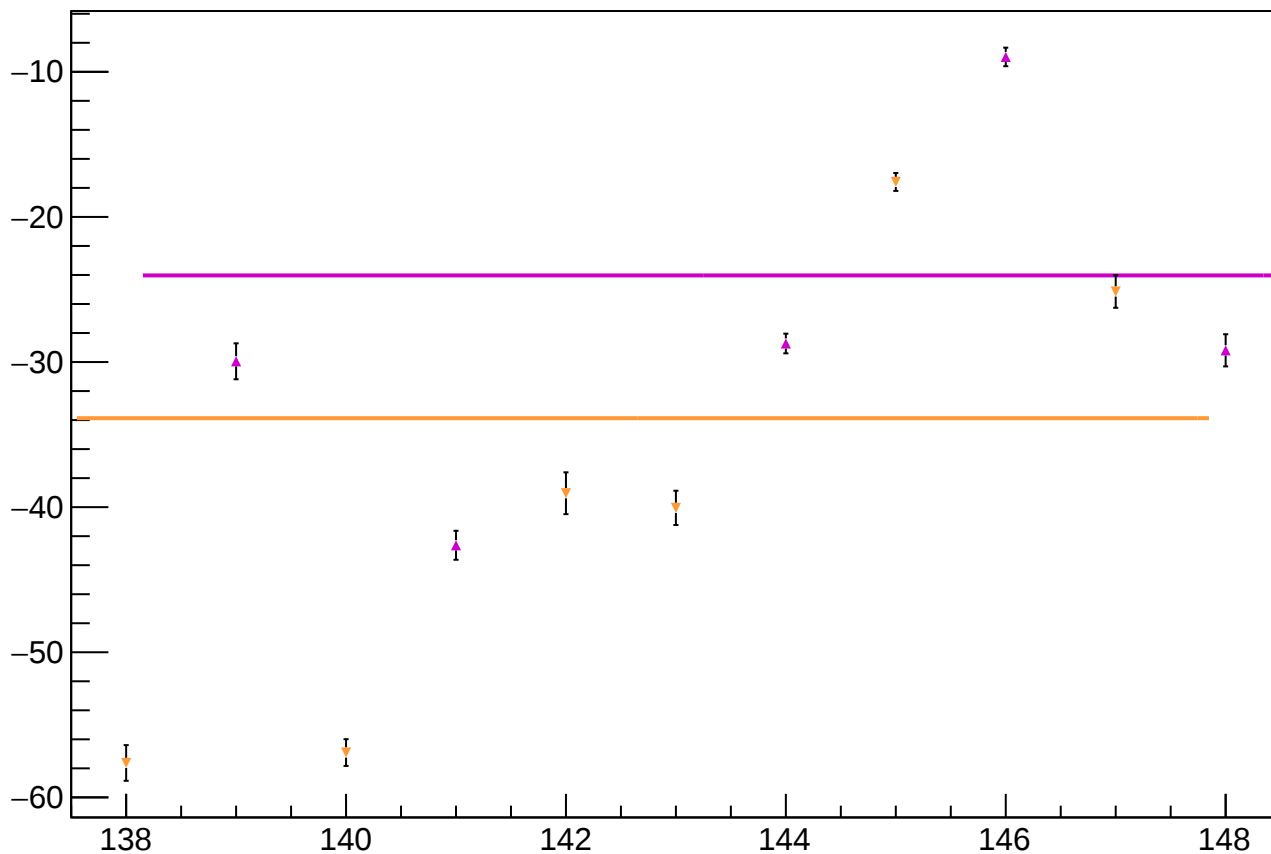
Right: -0.172 ± 0.049 $\chi^2/\text{NDF}: 1309.1/35$

In: 1.059 ± 0.036 $\chi^2/\text{NDF}: 861.8/21$

Out: 0.883 ± 0.035 $\chi^2/\text{NDF}: 1326.4/24$

All: 0.969 ± 0.025 $\chi^2/\text{NDF}: 2200.4/46$

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.869+/-0.394 χ^2/NDF :1794.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.030+/-0.375 χ^2/NDF :995.3/4

Left: -28.717+/-0.272 χ^2/NDF : 3116.6/10

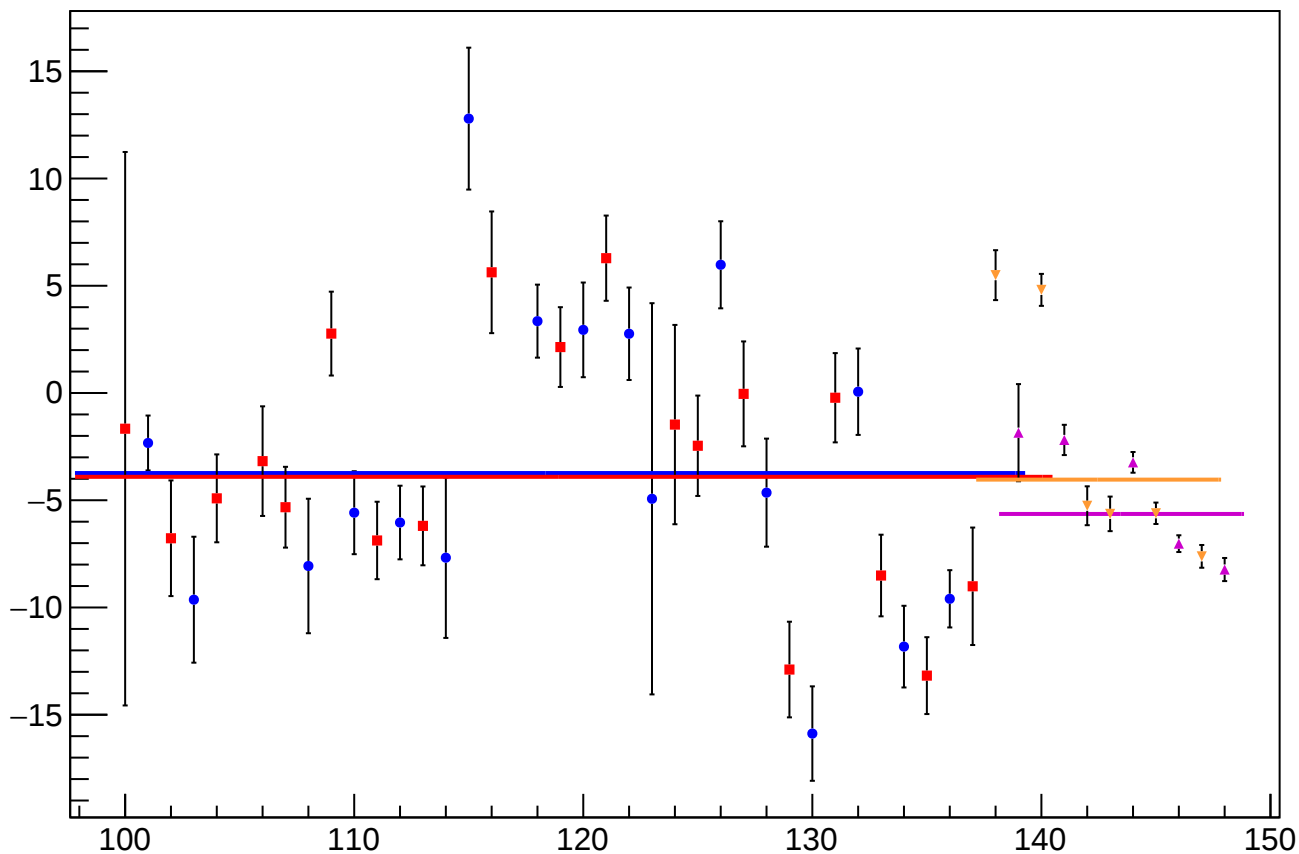
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.030+/-0.375 χ^2/NDF :995.3/4

Out: -33.869+/-0.394 χ^2/NDF :1794.0/5

All: -28.717+/-0.272 χ^2/NDF : 3116.6/10

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.039 ± 0.279 $\chi^2/\text{NDF}: 269.1/5$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -5.639 ± 0.246 $\chi^2/\text{NDF}: 87.2/4$

Left: -4.938 ± 0.185 $\chi^2/\text{NDF}: 374.8/10$

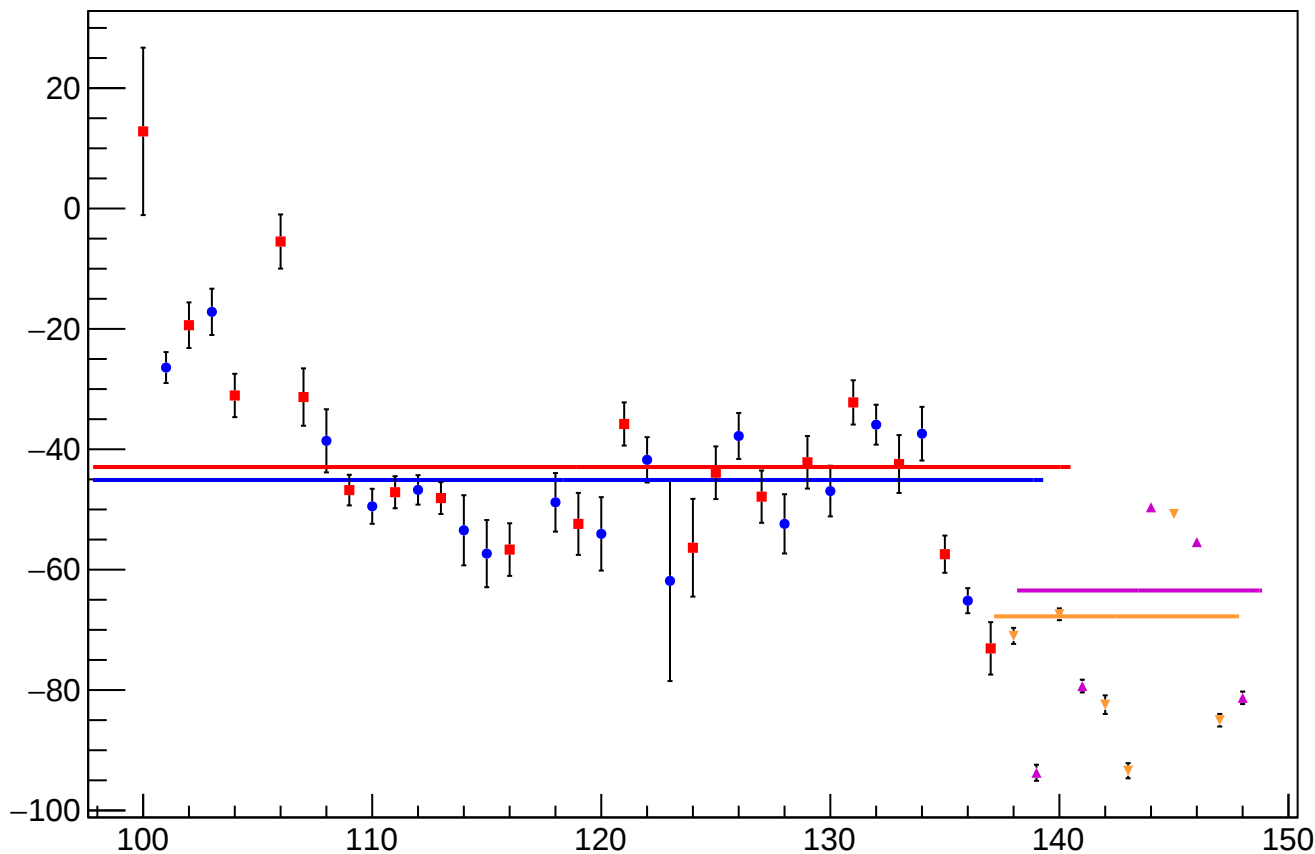
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -5.262 ± 0.221 $\chi^2/\text{NDF}: 265.0/21$

Out: -4.008 ± 0.244 $\chi^2/\text{NDF}: 393.9/24$

All: -4.699 ± 0.164 $\chi^2/\text{NDF}: 673.4/46$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -67.755 ± 0.412 χ^2/NDF : 1456.4/5

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -63.461 ± 0.380 χ^2/NDF : 1564.0/4

Left: -65.435 ± 0.279 χ^2/NDF : 3079.0/10

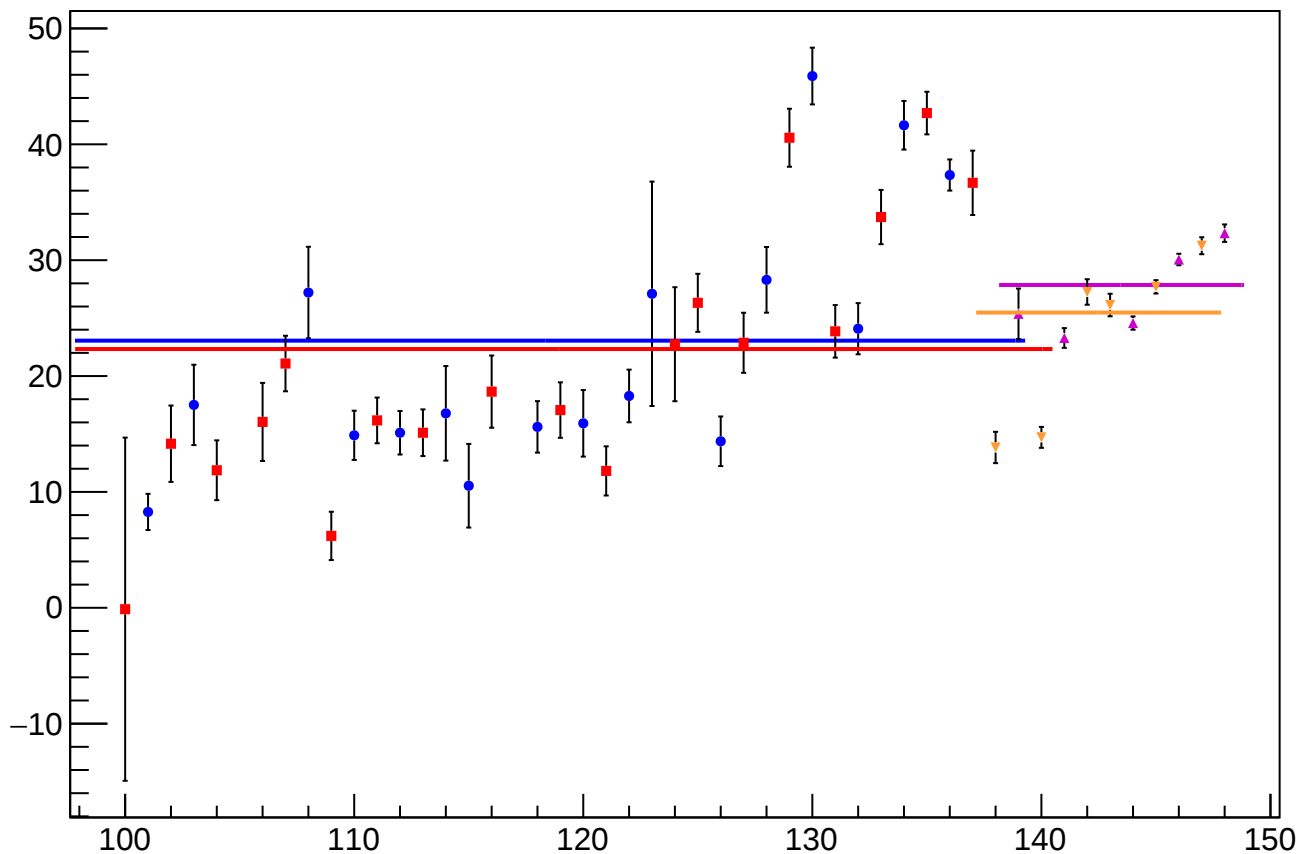
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -60.589 ± 0.349 χ^2/NDF : 2159.6/21

Out: -63.273 ± 0.373 χ^2/NDF : 2360.6/24

All: -61.843 ± 0.255 χ^2/NDF : 4547.8/46

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: 25.482 $\pm$ 0.342 χ^2 /NDF: 296.6/5

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 27.859 $\pm$ 0.309 χ^2 /NDF: 117.9/4

Left: 26.792 $\pm$ 0.229 χ^2 /NDF: 441.1/10

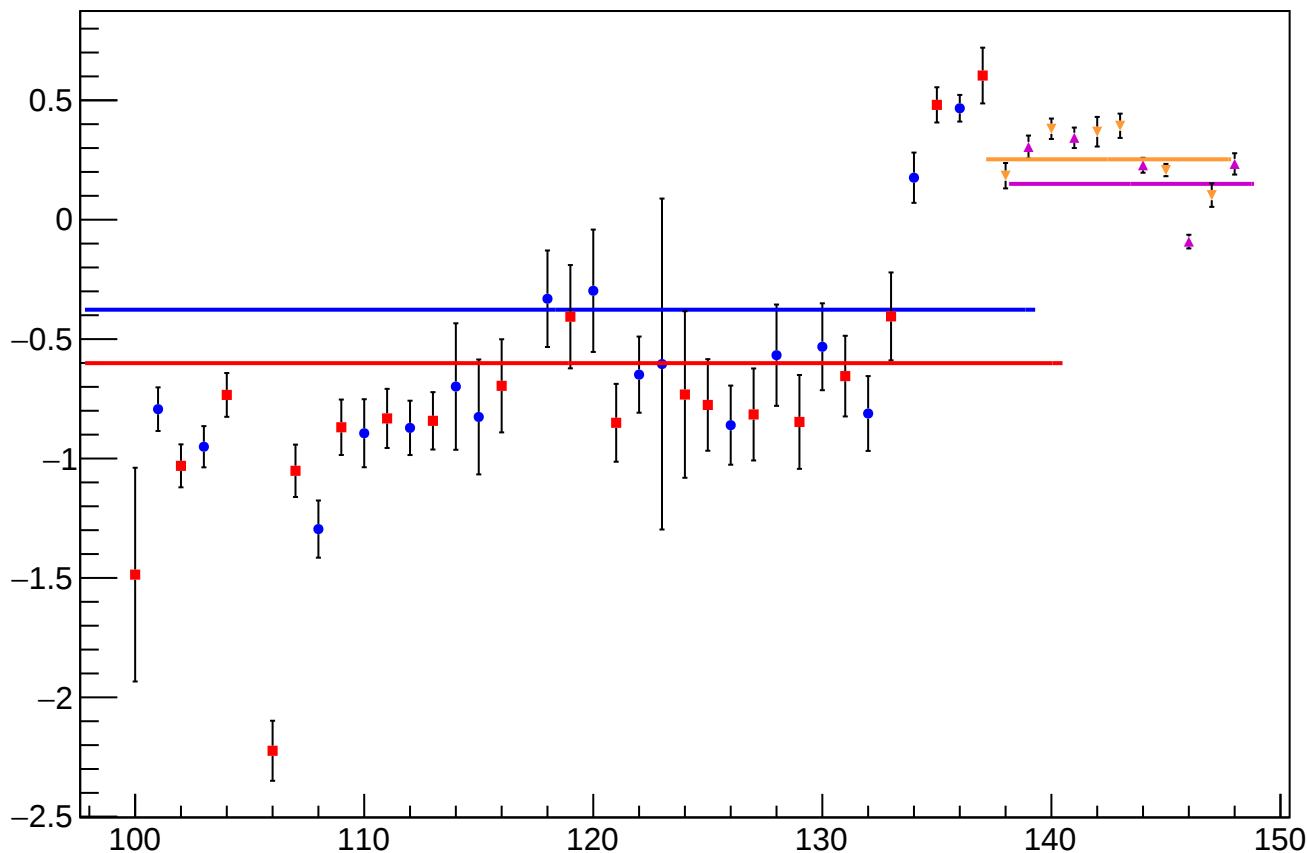
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 26.729 $\pm$ 0.270 χ^2 /NDF: 635.9/21

Out: 24.652 $\pm$ 0.294 χ^2 /NDF: 690.0/24

All: 25.777 $\pm$ 0.199 χ^2 /NDF: 1353.0/46

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: 0.253 ± 0.017 $\chi^2/\text{NDF}: 34.0/5$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.150 ± 0.016 $\chi^2/\text{NDF}: 111.5/4$

Left: 0.200 ± 0.012 $\chi^2/\text{NDF}: 164.5/10$

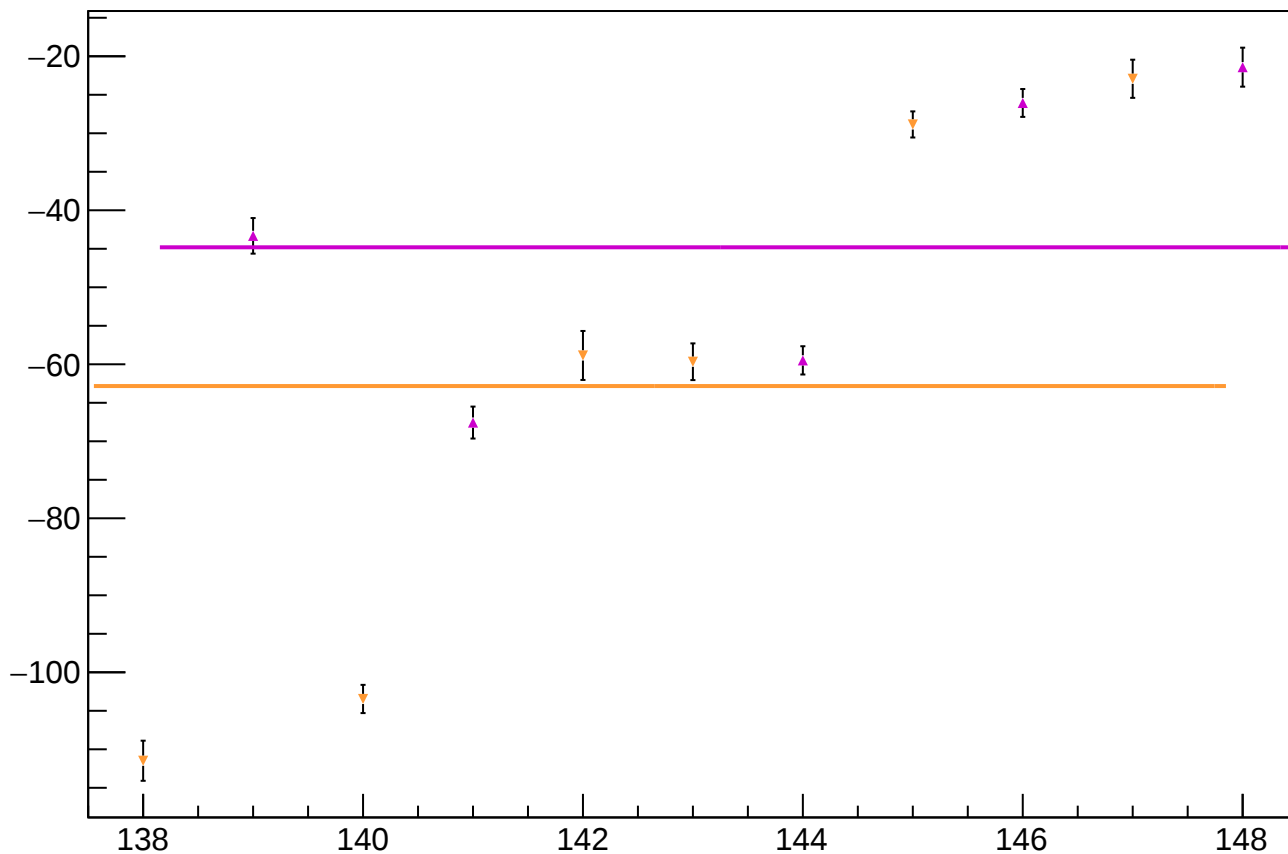
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.030 ± 0.014 $\chi^2/\text{NDF}: 785.3/21$

Out: 0.048 ± 0.015 $\chi^2/\text{NDF}: 1196.9/24$

All: 0.038 ± 0.010 $\chi^2/\text{NDF}: 1982.9/46$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -62.827+/-0.901 χ^2/NDF :1505.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.808+/-0.922 χ^2/NDF :377.4/4

Left: -54.018+/-0.644 χ^2/NDF : 2078.0/10

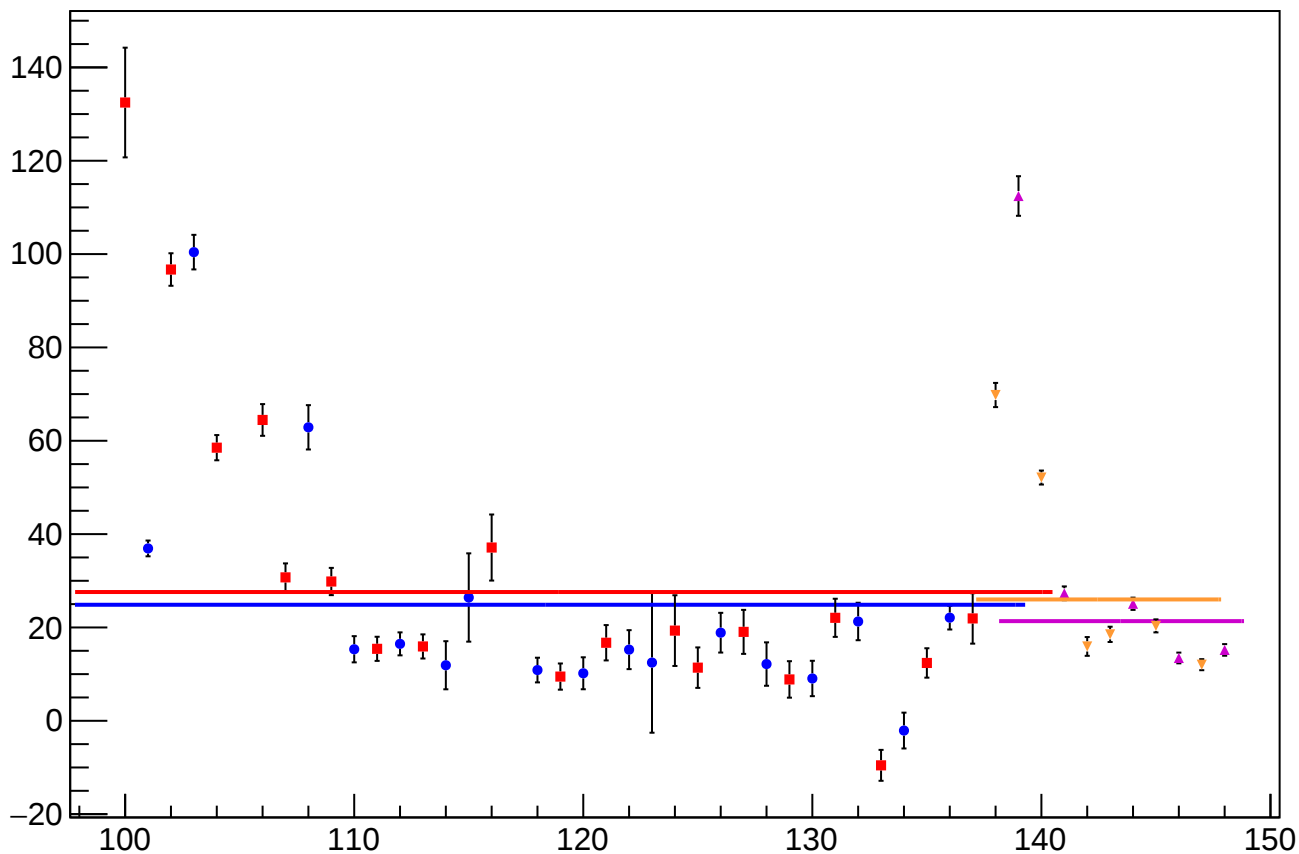
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.808+/-0.922 χ^2/NDF :377.4/4

Out: -62.827+/-0.901 χ^2/NDF :1505.2/5

All: -54.018+/-0.644 χ^2/NDF : 2078.0/10

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: 26.001 $\pm$ 0.640 χ^2 /NDF: 790.5/5

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 21.356 $\pm$ 0.633 χ^2 /NDF: 557.0/4

Left: 23.653 $\pm$ 0.450 χ^2 /NDF: 1374.1/10

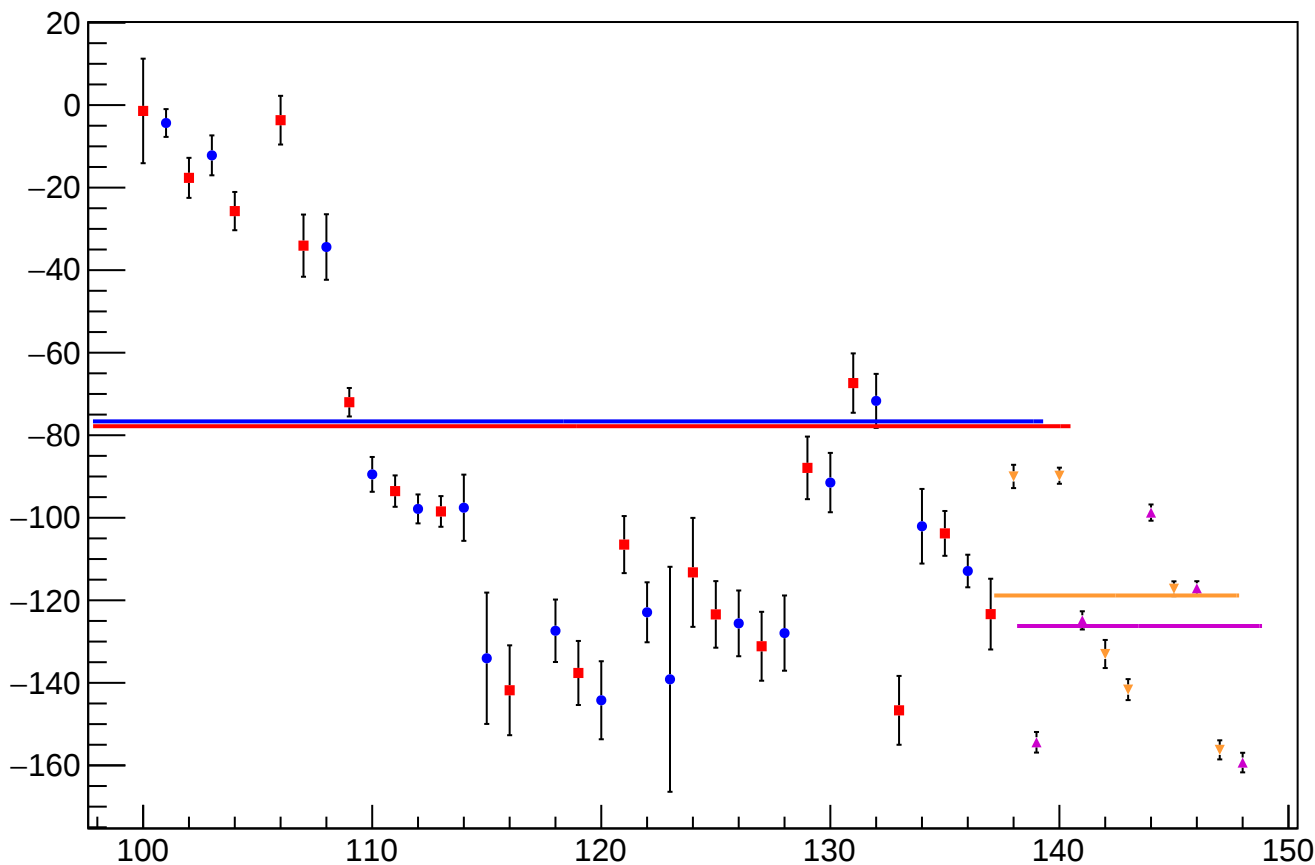
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 22.703 $\pm$ 0.497 χ^2 /NDF: 1259.8/21

Out: 26.614 $\pm$ 0.502 χ^2 /NDF: 1803.8/24

All: 24.637 $\pm$ 0.353 χ^2 /NDF: 3094.2/46

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -118.830 ± 0.942 χ^2/NDF : 685.5/5

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -126.226 ± 0.940 χ^2/NDF : 545.0/4

Left: -122.537 ± 0.665 χ^2/NDF : 1261.4/10

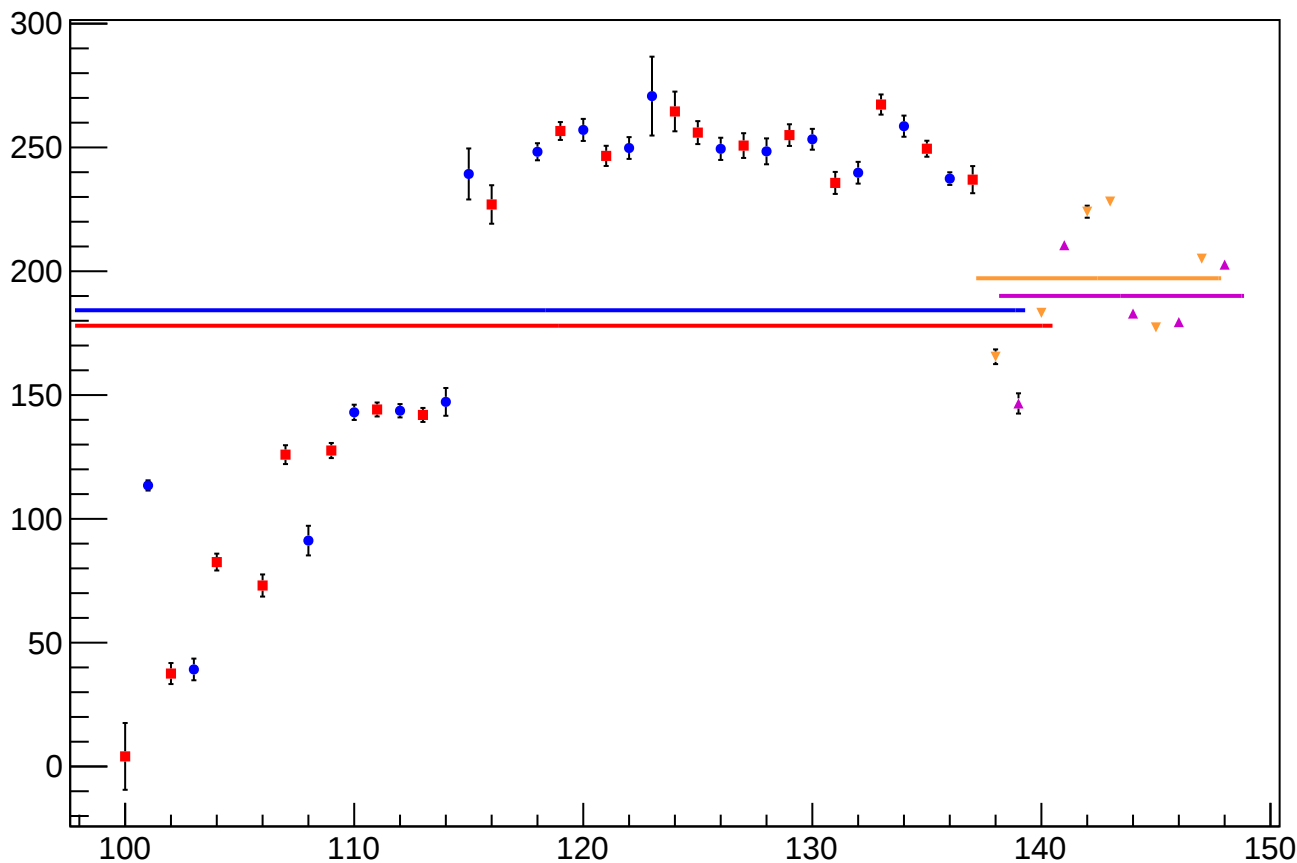
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -111.049 ± 0.783 χ^2/NDF : 2438.1/21

Out: -105.431 ± 0.773 χ^2/NDF : 2178.3/24

All: -108.204 ± 0.550 χ^2/NDF : 4642.5/46

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: 197.167 $\pm$ 0.787 χ^2 /NDF: 719.9/5

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 190.044 $\pm$ 0.787 χ^2 /NDF: 374.5/4

Left: 193.605 $\pm$ 0.557 χ^2 /NDF: 1135.4/10

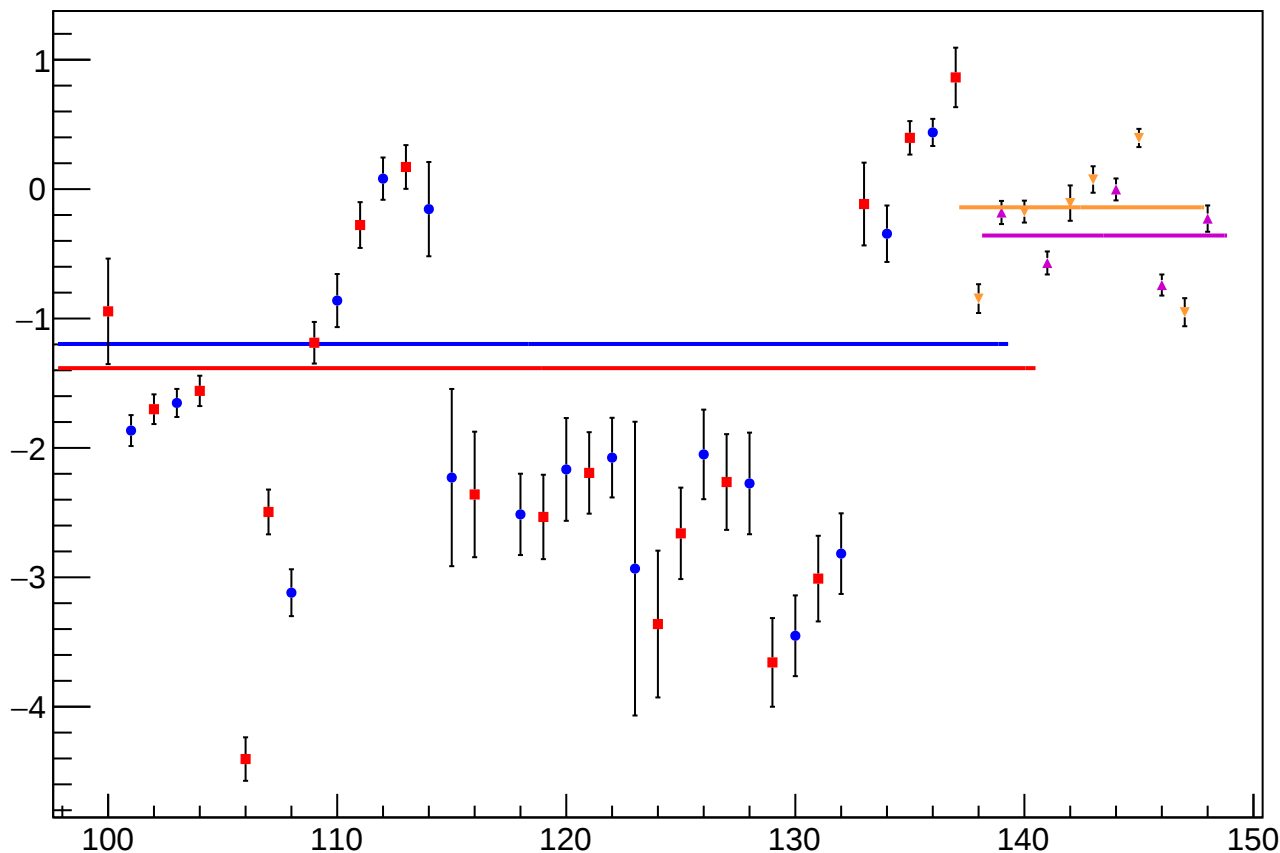
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 187.578 $\pm$ 0.597 χ^2 /NDF: 5786.2/21

Out: 189.100 $\pm$ 0.599 χ^2 /NDF: 7307.2/24

All: 188.336 $\pm$ 0.423 χ^2 /NDF: 13096.6/46

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.141 ± 0.039 χ^2/NDF : 158.8/5

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.359 ± 0.040 χ^2/NDF : 51.0/4

Left: -0.248 ± 0.028 χ^2/NDF : 225.2/10

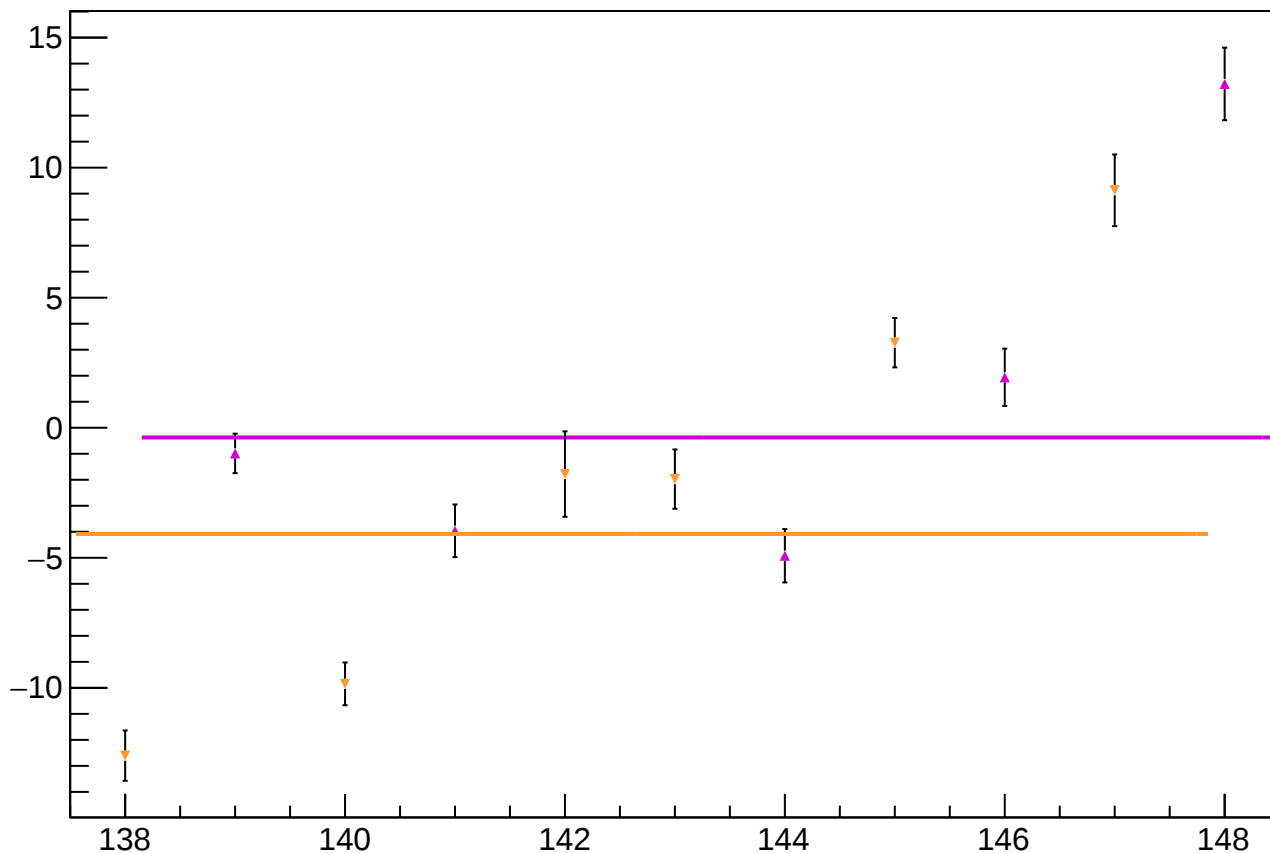
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.697 ± 0.031 χ^2/NDF : 853.4/21

Out: -0.664 ± 0.030 χ^2/NDF : 1509.2/24

All: -0.680 ± 0.021 χ^2/NDF : 2363.3/46

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.083+/-0.433 χ^2/NDF : 284.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.374+/-0.447 χ^2/NDF : 132.3/4

Left: -2.286+/-0.311 χ^2/NDF : 451.9/10

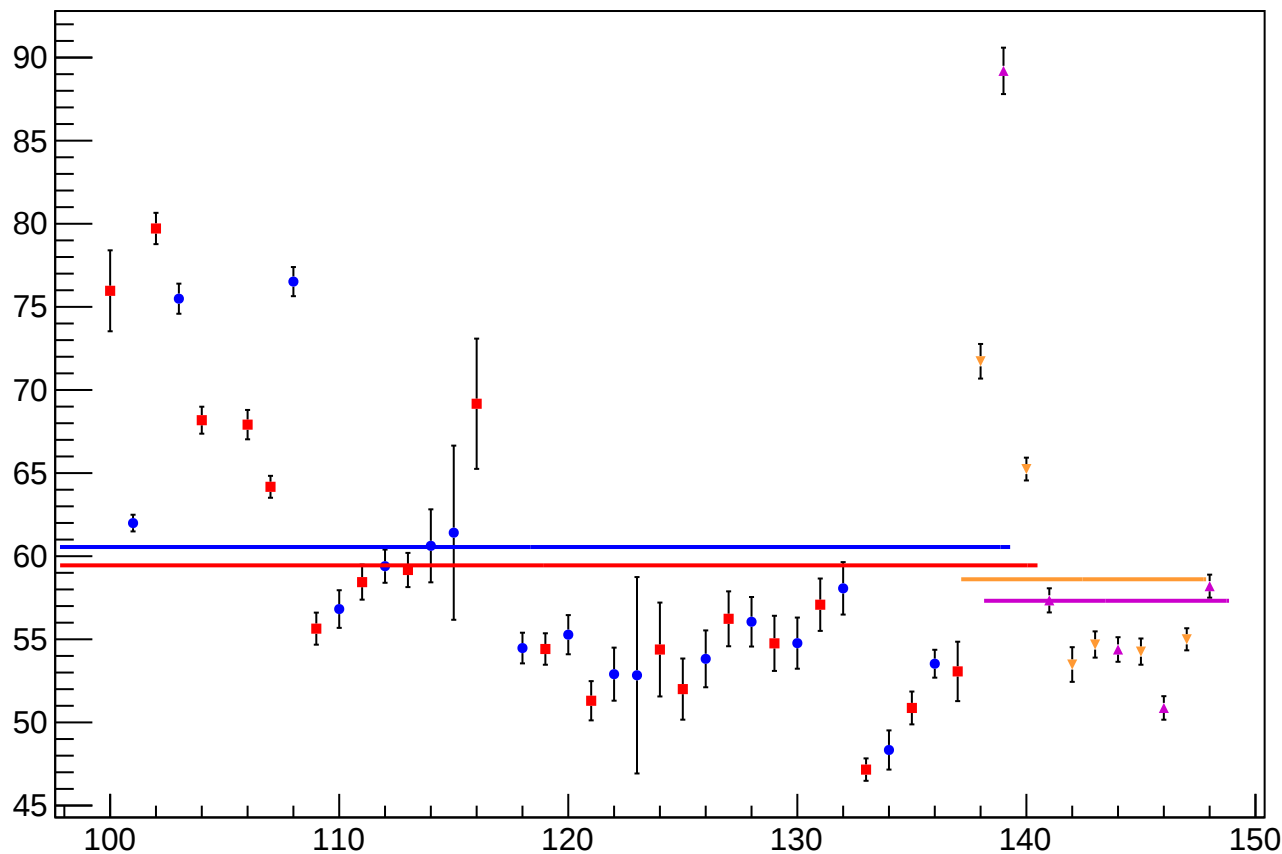
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.374+/-0.447 χ^2/NDF : 132.3/4

Out: -4.083+/-0.433 χ^2/NDF : 284.2/5

All: -2.286+/-0.311 χ^2/NDF : 451.9/10

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 +/- 0.262 χ^2/NDF : 931.0/16

Left Out: 58.612 +/- 0.325 χ^2/NDF : 360.8/5

Right Out: 59.449 +/- 0.248 χ^2/NDF : 1321.3/18

Left In: 57.318 +/- 0.347 χ^2/NDF : 621.8/4

Left: 58.006 +/- 0.237 χ^2/NDF : 990.0/10

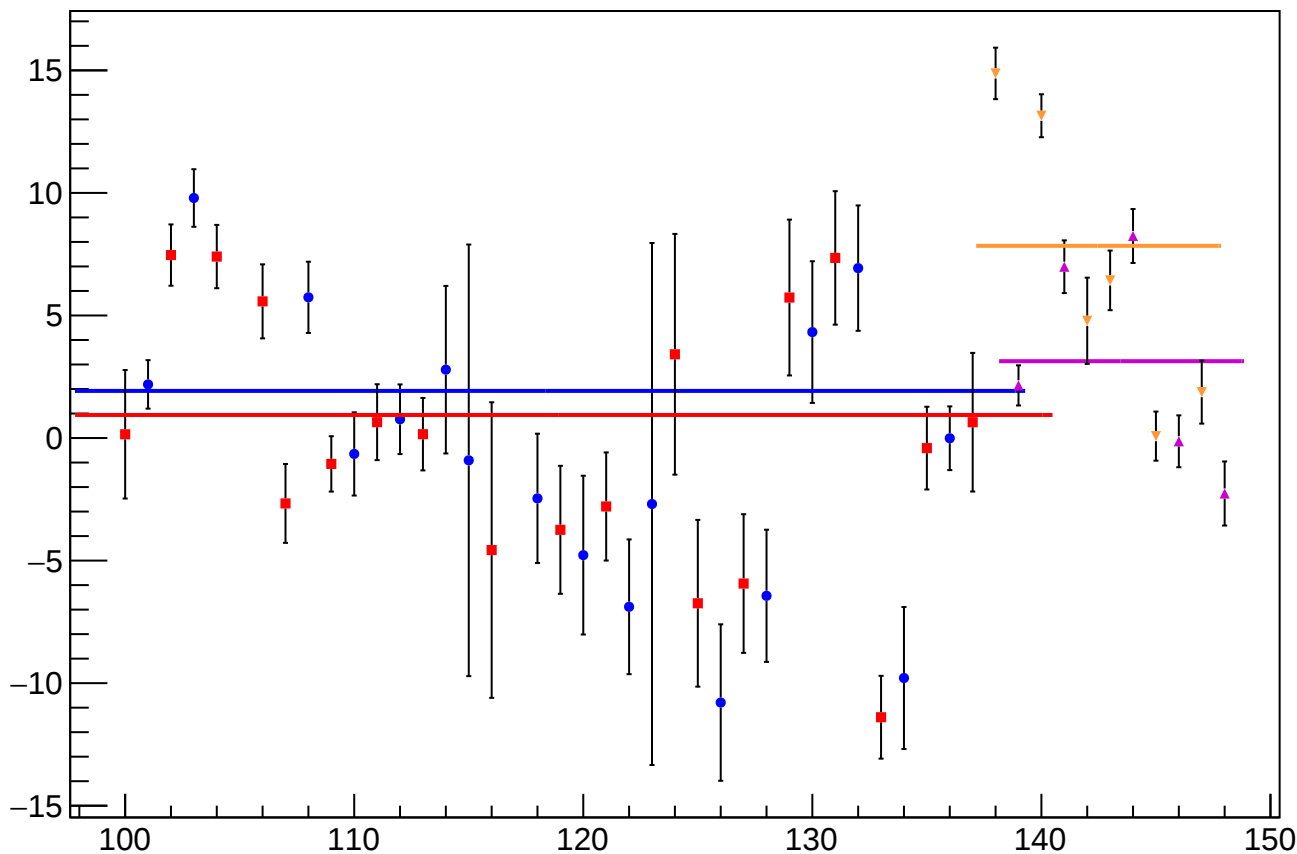
Right: 59.970 +/- 0.180 χ^2/NDF : 2261.6/35

In: 59.378 +/- 0.209 χ^2/NDF : 1608.2/21

Out: 59.142 +/- 0.197 χ^2/NDF : 1686.3/24

All: 59.253 +/- 0.143 χ^2/NDF : 3295.1/46

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 7.841 ± 0.456 χ^2/NDF : 167.5/5

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 3.136 ± 0.463 χ^2/NDF : 62.5/4

Left: 5.525 ± 0.325 χ^2/NDF : 282.4/10

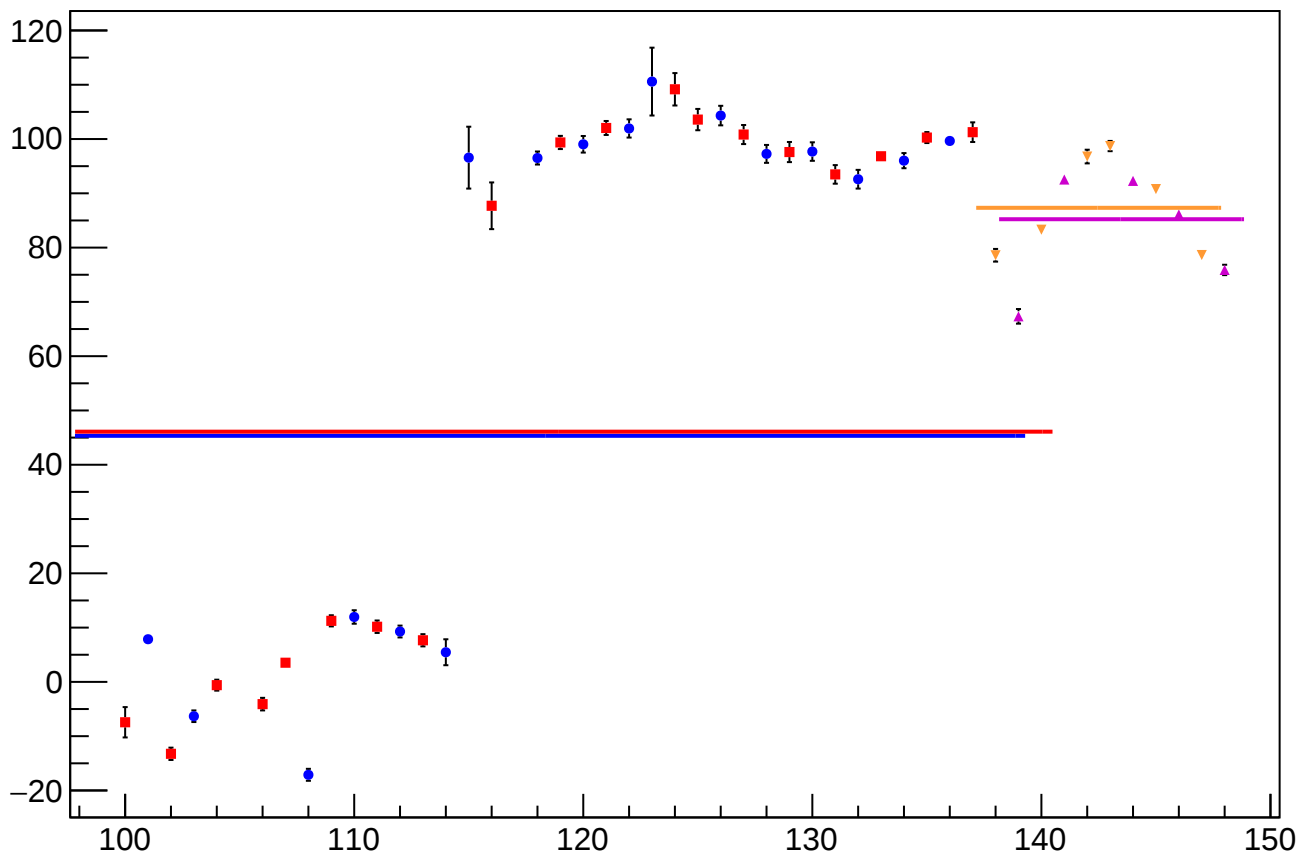
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 2.523 ± 0.326 χ^2/NDF : 187.0/21

Out: 4.140 ± 0.311 χ^2/NDF : 440.5/24

All: 3.370 ± 0.225 χ^2/NDF : 640.4/46

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: 87.332 $\pm$ 0.395 χ^2 /NDF:387.6/5

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 85.228 $\pm$ 0.423 χ^2 /NDF:409.1/4

Left: 86.350 $\pm$ 0.289 χ^2 /NDF: 810.0/10

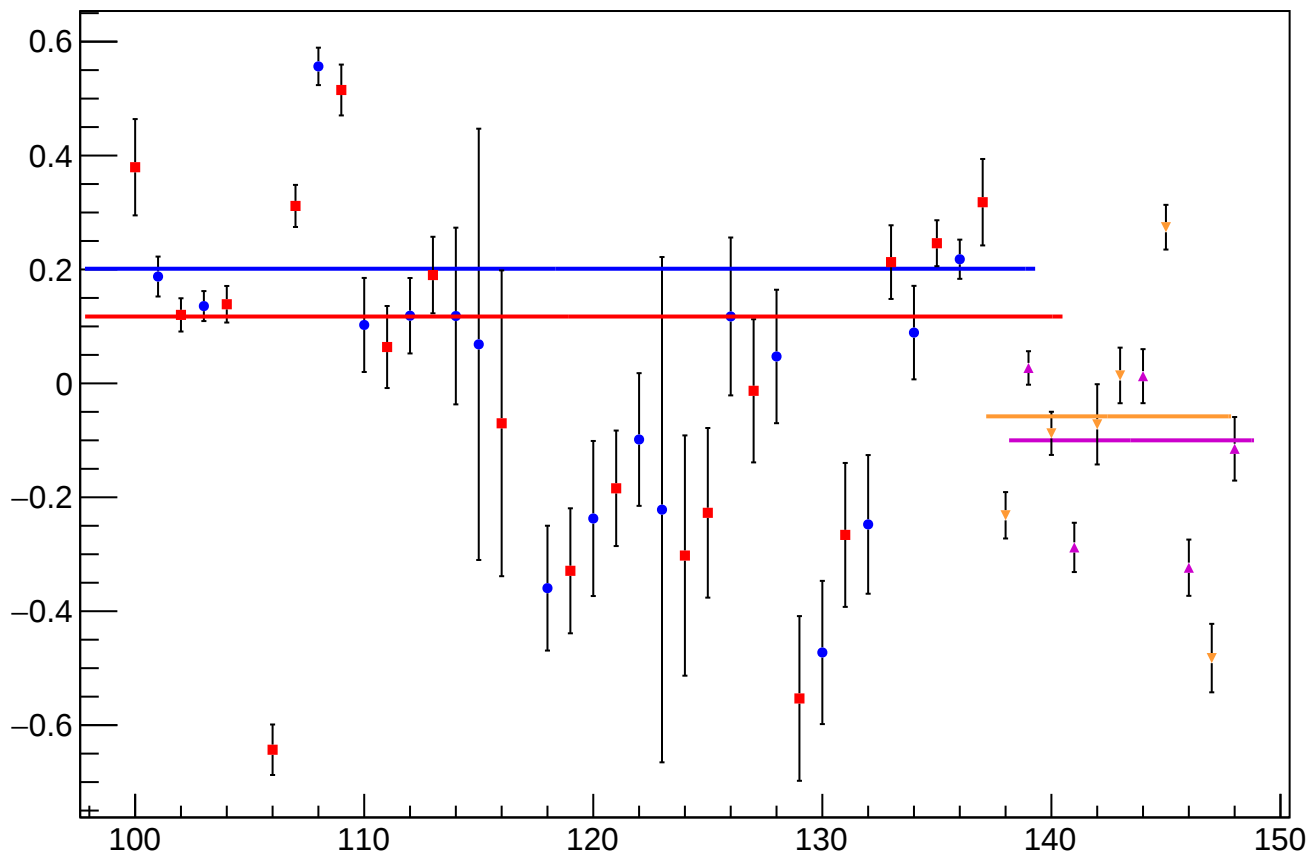
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 58.898 $\pm$ 0.247 χ^2 /NDF:31288.7/21

Out: 60.463 $\pm$ 0.233 χ^2 /NDF:35739.8/24

All: 59.723 $\pm$ 0.170 χ^2 /NDF: 67049.7/46

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.058 ± 0.019 χ^2/NDF : 142.5/5

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.100 ± 0.019 χ^2/NDF : 63.7/4

Left: -0.079 ± 0.013 χ^2/NDF : 208.8/10

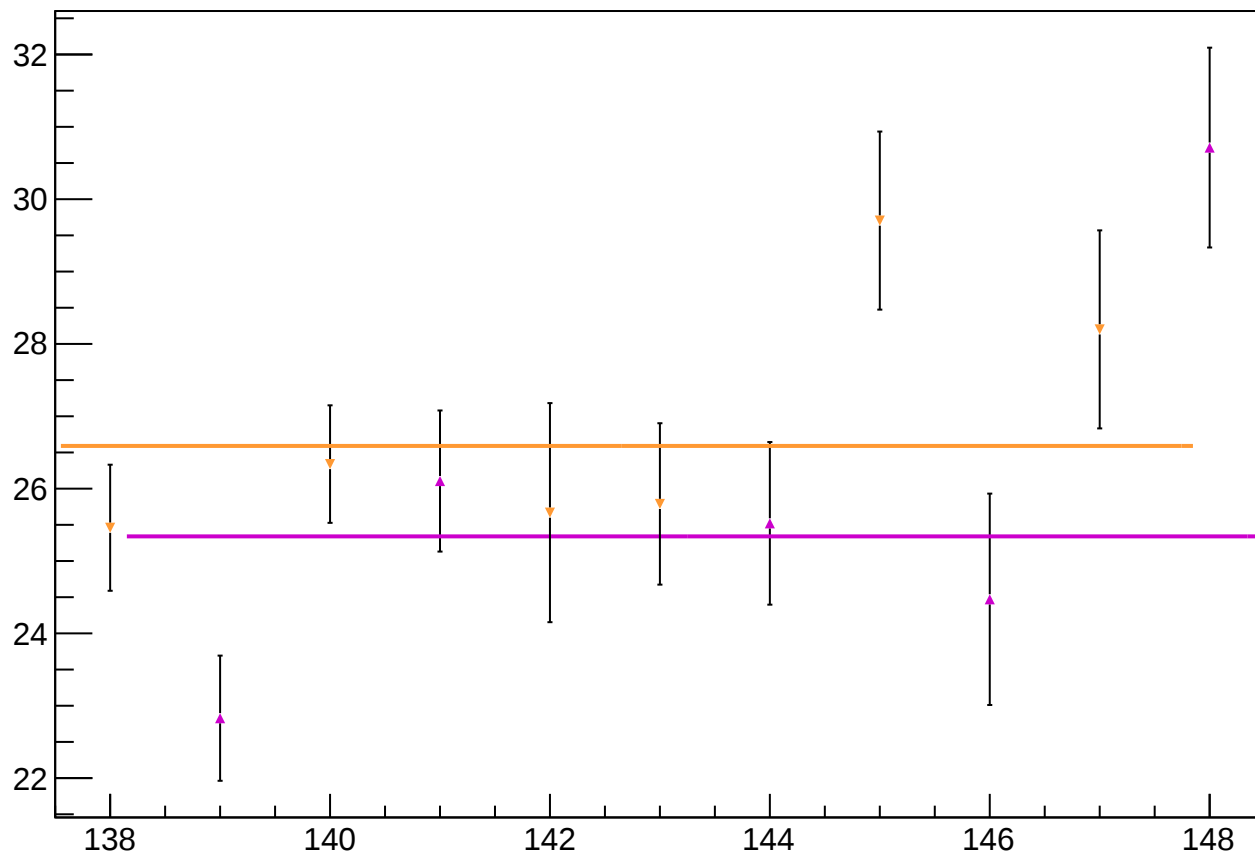
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: 0.093 ± 0.011 χ^2/NDF : 447.2/21

Out: 0.060 ± 0.011 χ^2/NDF : 700.9/24

All: 0.076 ± 0.008 χ^2/NDF : 1152.4/46

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: 26.590 $\pm$ 0.436 χ^2 /NDF:10.5/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 25.340 $\pm$ 0.489 χ^2 /NDF:24.6/4

Left: 26.038 $\pm$ 0.325 χ^2 /NDF: 38.7/10

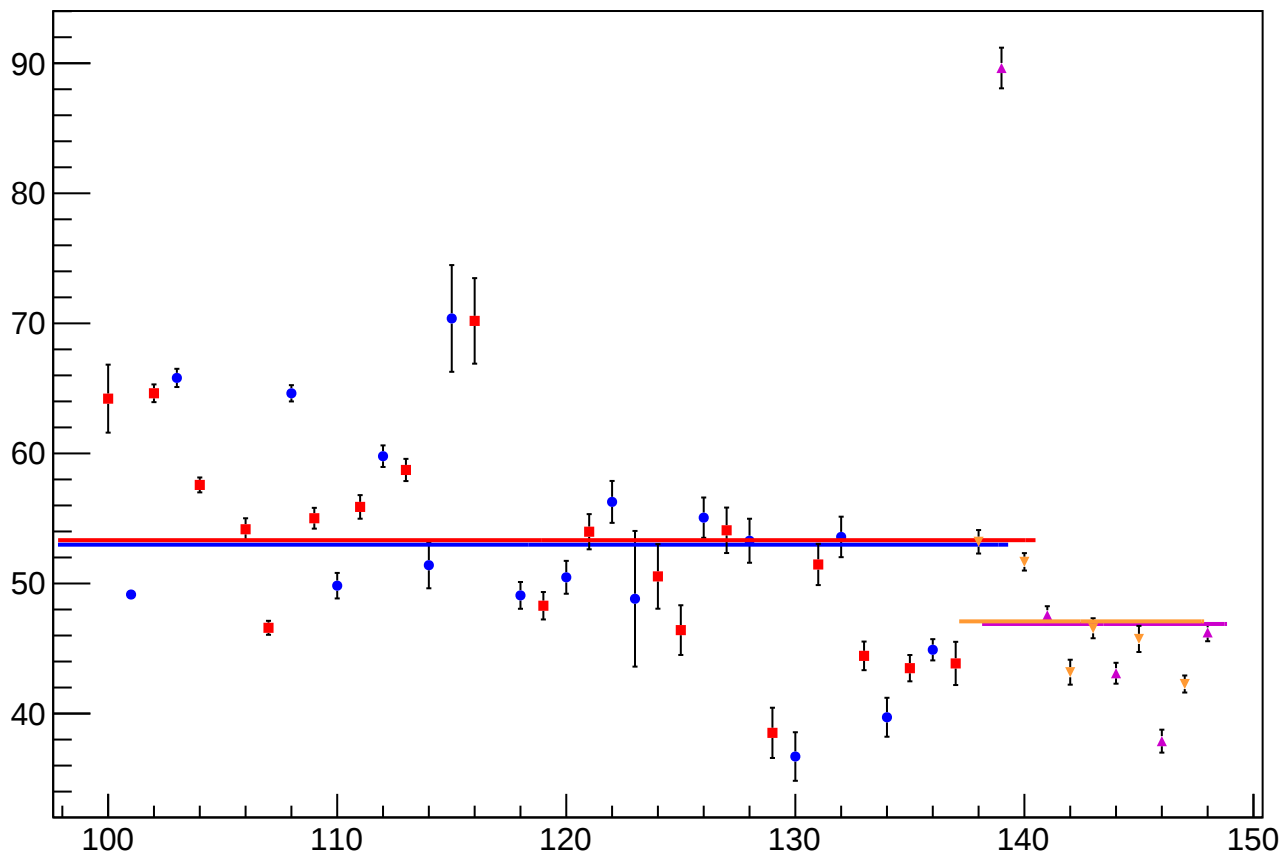
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 25.340 $\pm$ 0.489 χ^2 /NDF:24.6/4

Out: 26.590 $\pm$ 0.436 χ^2 /NDF:10.5/5

All: 26.038 $\pm$ 0.325 χ^2 /NDF: 38.7/10

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: 47.087 $\pm$ 0.324 χ^2 /NDF:165.5/5

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 46.888 $\pm$ 0.366 χ^2 /NDF:876.2/4

Left: 47.000 $\pm$ 0.242 χ^2 /NDF: 1041.8/10

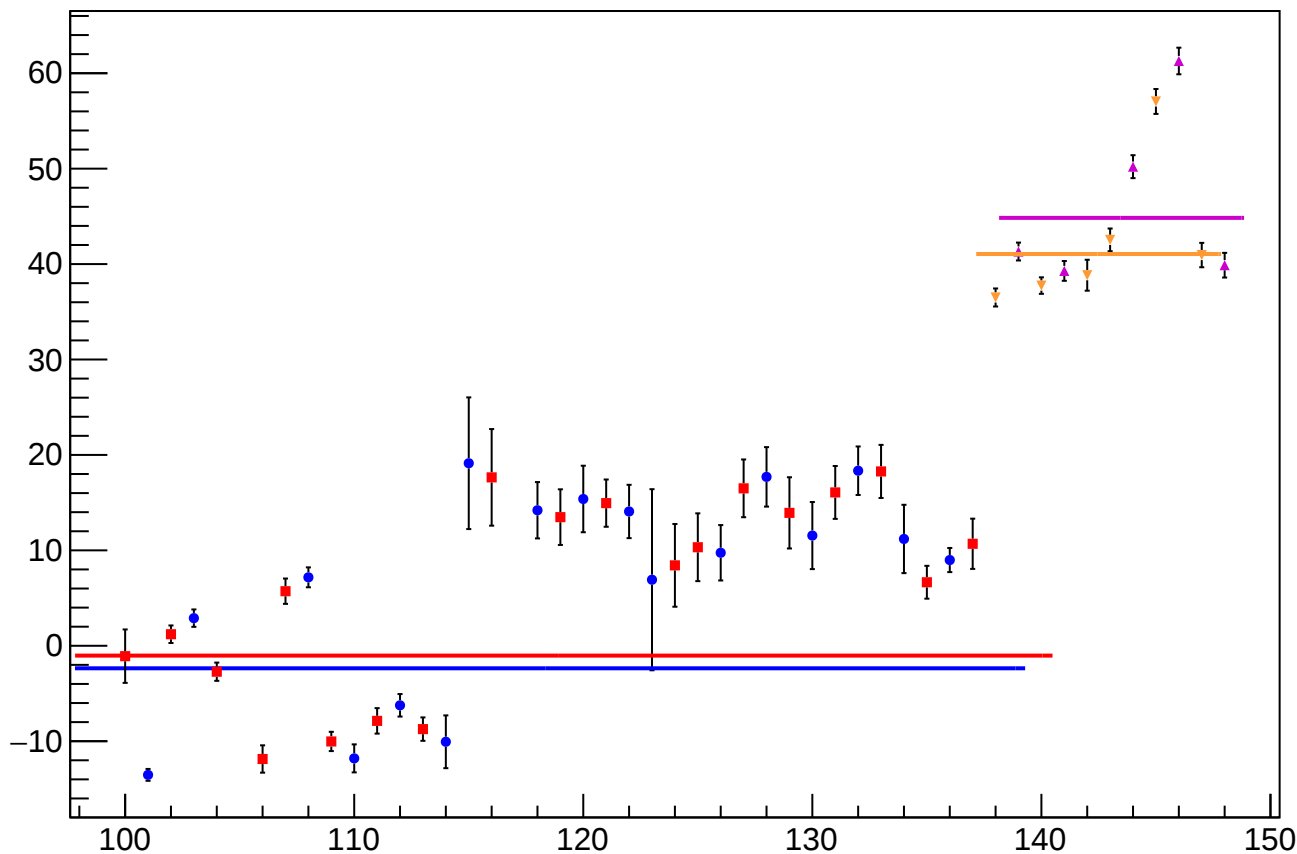
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 51.470 $\pm$ 0.182 χ^2 /NDF:2282.9/21

Out: 51.277 $\pm$ 0.186 χ^2 /NDF:1289.0/24

All: 51.375 $\pm$ 0.130 χ^2 /NDF: 3572.5/46

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 41.054 ± 0.459 χ^2/NDF : 191.4/5

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 44.842 ± 0.508 χ^2/NDF : 216.4/4

Left: 42.757 ± 0.341 χ^2/NDF : 438.4/10

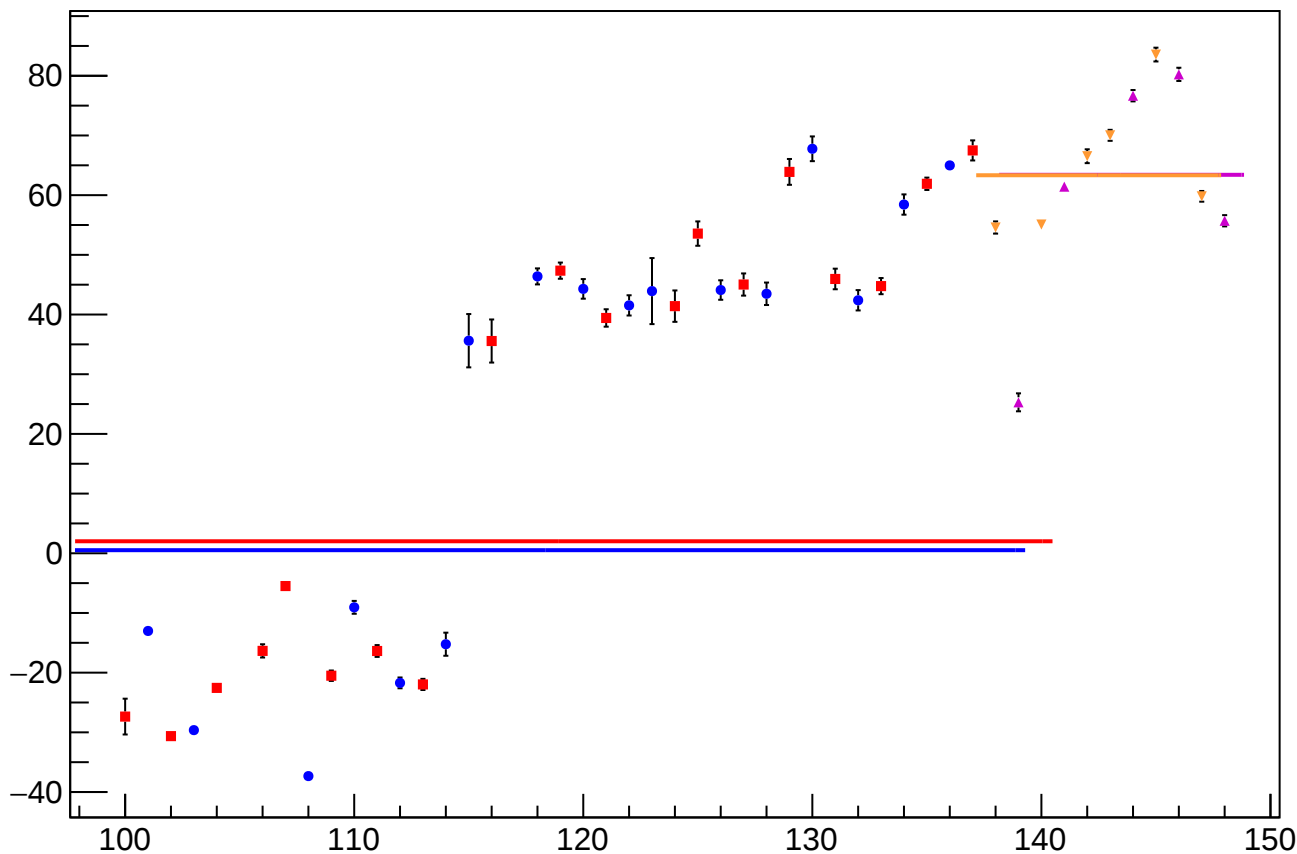
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 13.659 ± 0.296 χ^2/NDF : 6756.6/21

Out: 15.907 ± 0.291 χ^2/NDF : 5719.3/24

All: 14.801 ± 0.208 χ^2/NDF : 12505.2/46

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: 63.336 ± 0.395 $\chi^2/\text{NDF}: 559.1/5$

Right Out: 2.013 ± 0.266 $\chi^2/\text{NDF}: 15473.7/18$

Left In: 63.409 ± 0.451 $\chi^2/\text{NDF}: 1138.0/4$

Left: 63.368 ± 0.297 $\chi^2/\text{NDF}: 1697.1/10$

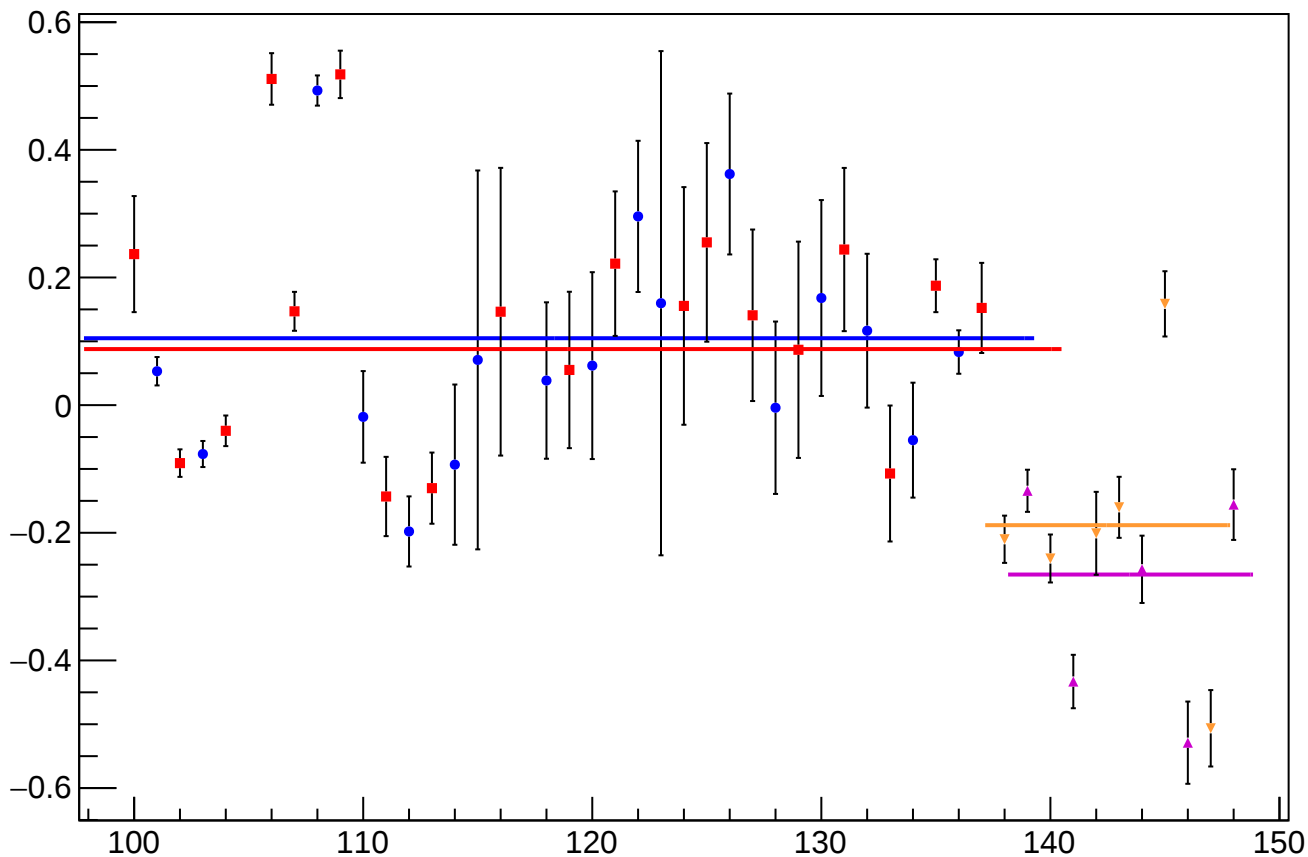
Right: 1.209 ± 0.181 $\chi^2/\text{NDF}: 33876.6/35$

In: 15.005 ± 0.217 $\chi^2/\text{NDF}: 34467.0/21$

Out: 21.148 ± 0.221 $\chi^2/\text{NDF}: 32573.9/24$

All: 18.016 ± 0.155 $\chi^2/\text{NDF}: 67435.0/46$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.188 ± 0.019 χ^2/NDF : 76.9/5

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.265 ± 0.020 χ^2/NDF : 52.5/4

Left: -0.224 ± 0.014 χ^2/NDF : 137.2/10

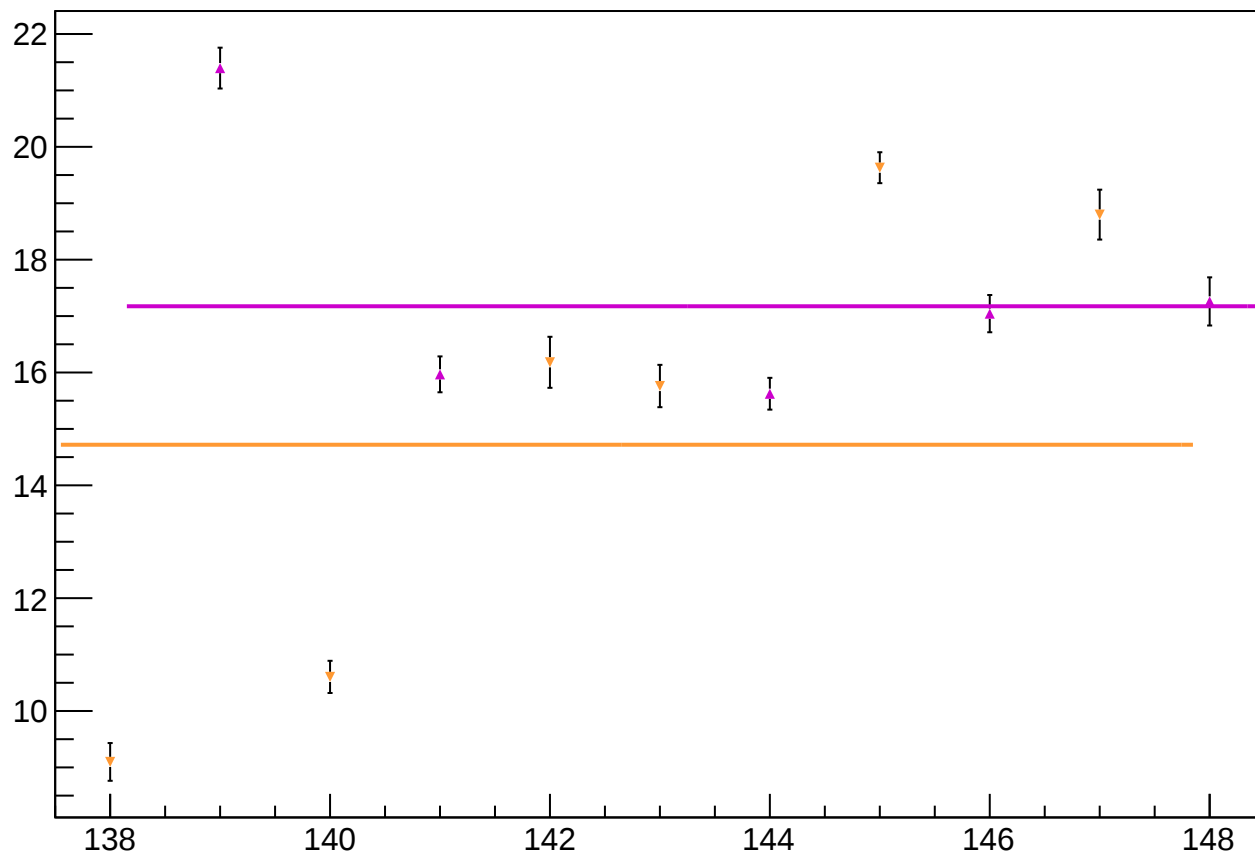
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: 0.021 ± 0.010 χ^2/NDF : 709.2/21

Out: 0.018 ± 0.010 χ^2/NDF : 626.1/24

All: 0.020 ± 0.007 χ^2/NDF : 1335.3/46

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.720+/-0.139 χ^2/NDF :914.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.174+/-0.149 χ^2/NDF :180.8/4

Left: 15.860+/-0.102 χ^2/NDF : 1239.9/10

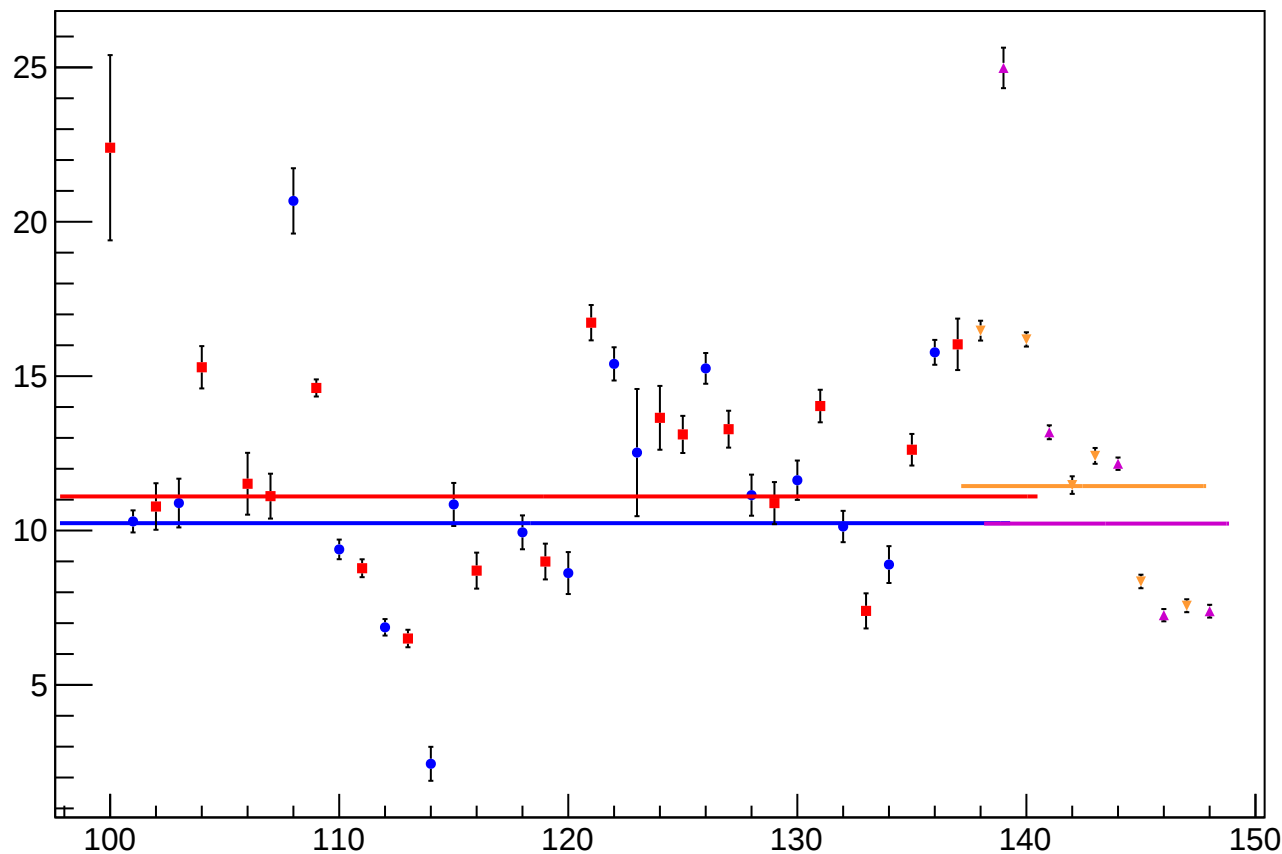
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.174+/-0.149 χ^2/NDF :180.8/4

Out: 14.720+/-0.139 χ^2/NDF :914.5/5

All: 15.860+/-0.102 χ^2/NDF : 1239.9/10

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 11.439 ± 0.100 χ^2/NDF : 1221.5/5

Right Out: 11.104 ± 0.116 χ^2/NDF : 815.2/18

Left In: 10.225 ± 0.102 χ^2/NDF : 1181.1/4

Left: 10.845 ± 0.072 χ^2/NDF : 2474.5/10

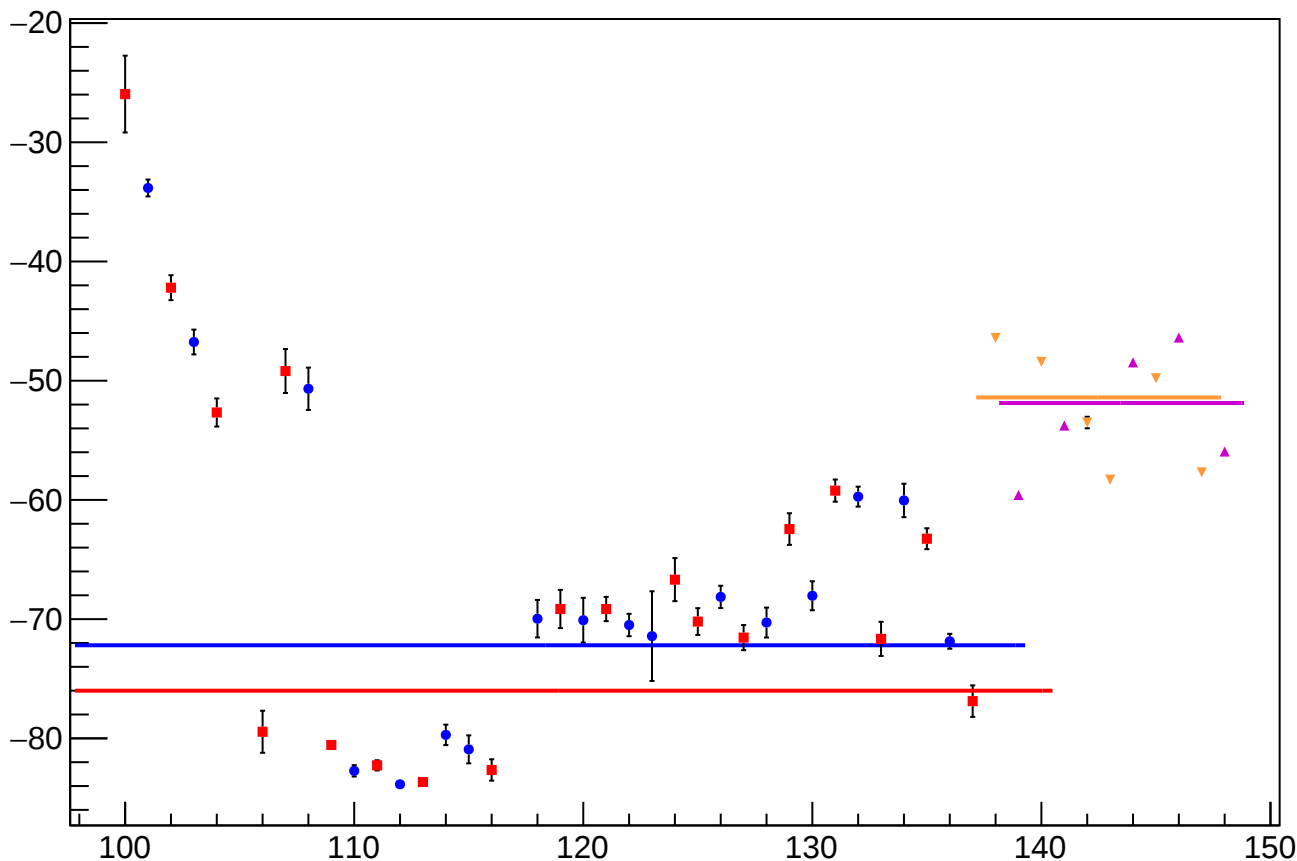
Right: 10.681 ± 0.083 χ^2/NDF : 1709.6/35

In: 10.230 ± 0.078 χ^2/NDF : 2048.5/21

Out: 11.296 ± 0.076 χ^2/NDF : 2041.5/24

All: 10.775 ± 0.054 χ^2/NDF : 4186.3/46

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -51.402 ± 0.147 $\chi^2/\text{NDF}: 863.5/5$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -51.871 ± 0.153 $\chi^2/\text{NDF}: 951.0/4$

Left: -51.626 ± 0.106 $\chi^2/\text{NDF}: 1819.4/10$

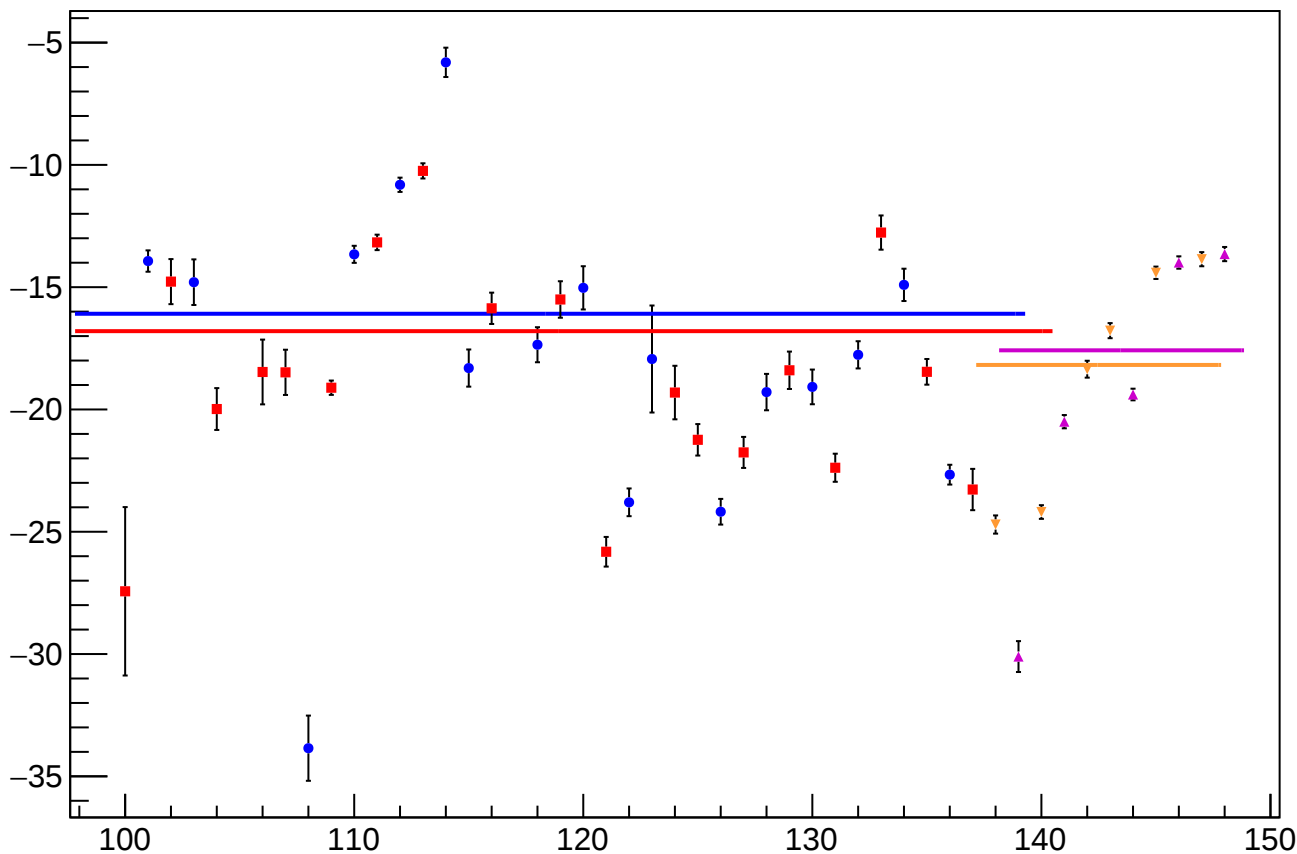
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -59.490 ± 0.121 $\chi^2/\text{NDF}: 13089.3/21$

Out: -61.154 ± 0.114 $\chi^2/\text{NDF}: 15486.0/24$

All: -60.374 ± 0.083 $\chi^2/\text{NDF}: 28675.3/46$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -18.180 ± 0.123 $\chi^2/\text{NDF}: 1234.5/5$

Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$

Left In: -17.582 ± 0.128 $\chi^2/\text{NDF}: 950.4/4$

Left: -17.893 ± 0.089 $\chi^2/\text{NDF}: 2196.2/10$

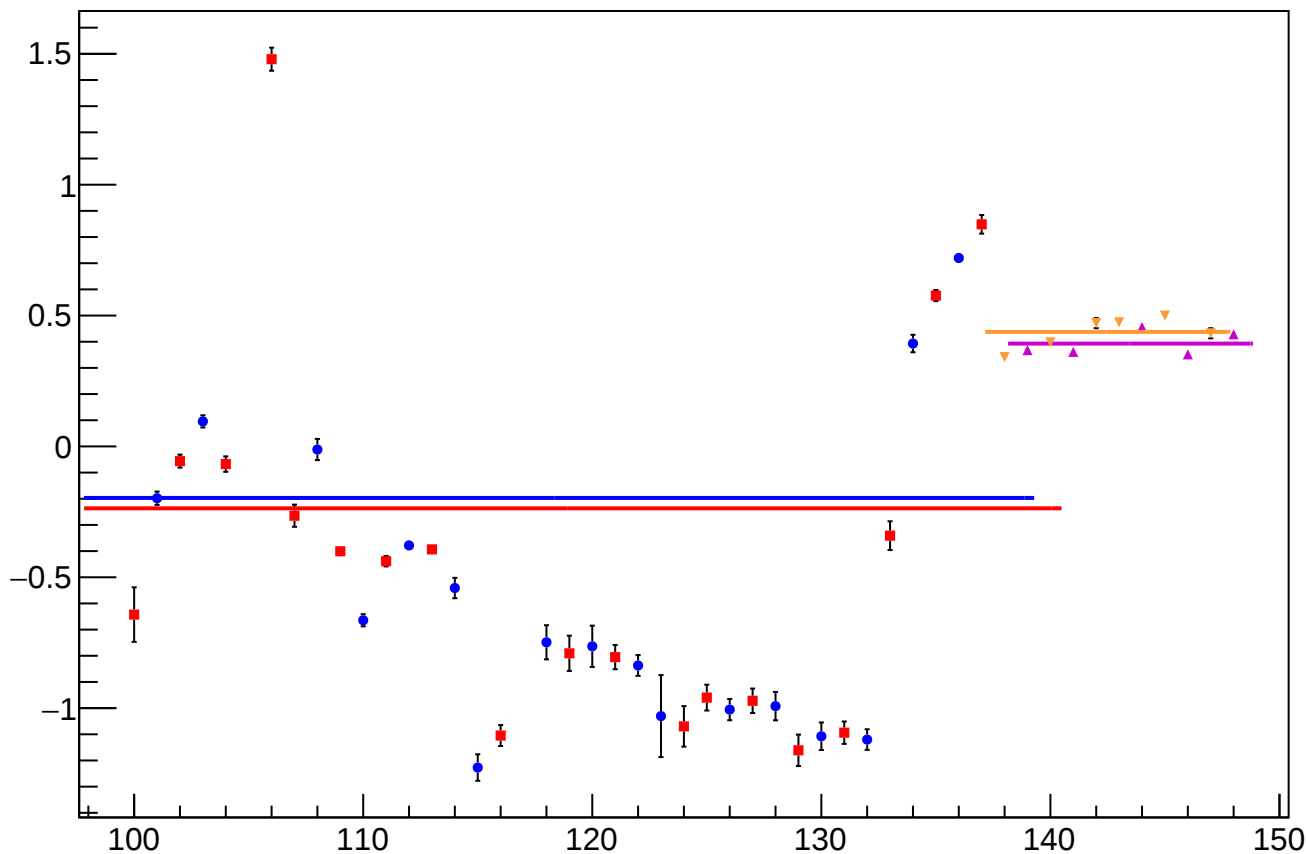
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -16.860 ± 0.092 $\chi^2/\text{NDF}: 2638.0/21$

Out: -17.519 ± 0.089 $\chi^2/\text{NDF}: 2509.1/24$

All: -17.202 ± 0.064 $\chi^2/\text{NDF}: 5173.7/46$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.438 ± 0.006 χ^2/NDF : 91.5/5

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.393 ± 0.006 χ^2/NDF : 44.0/4

Left: 0.416 ± 0.004 χ^2/NDF : 161.2/10

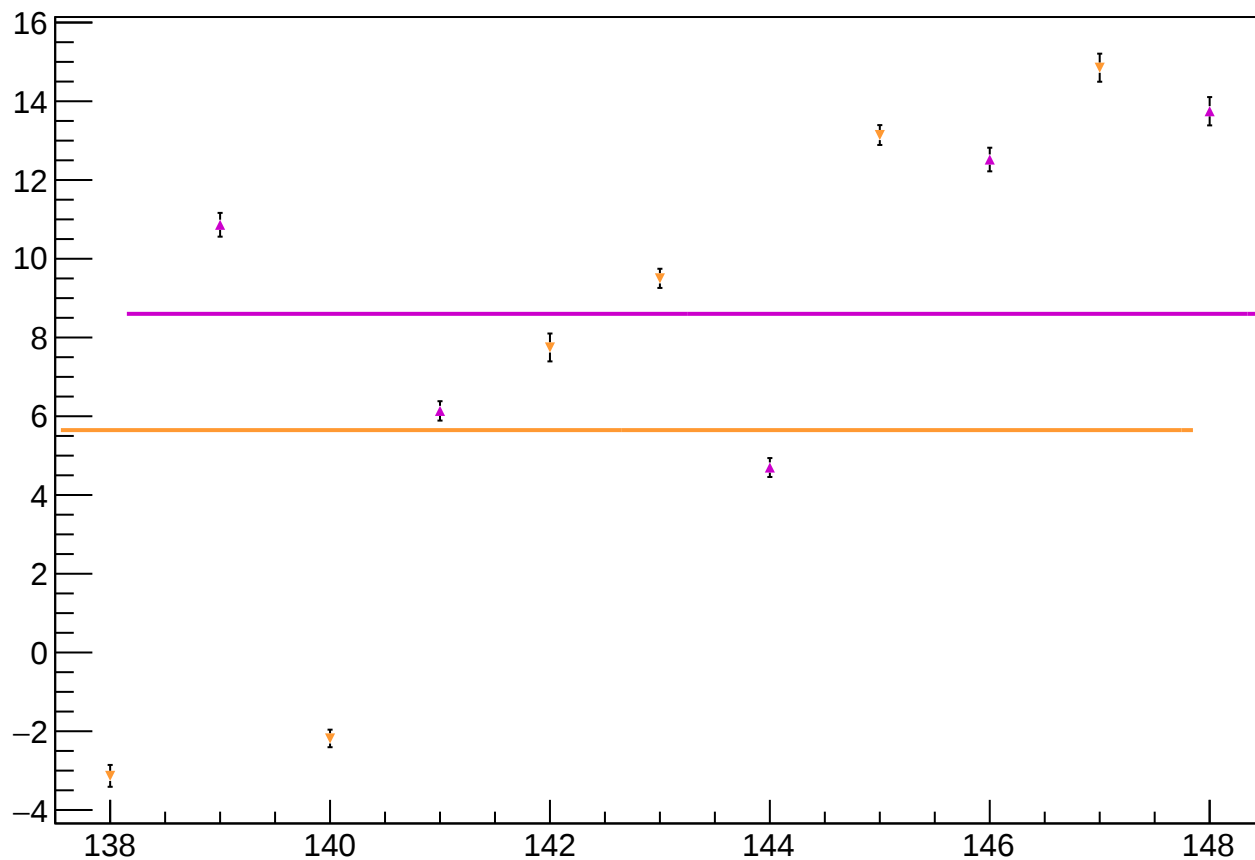
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.146 ± 0.005 χ^2/NDF : 9924.1/21

Out: 0.157 ± 0.005 χ^2/NDF : 11468.5/24

All: 0.152 ± 0.003 χ^2/NDF : 21395.1/46

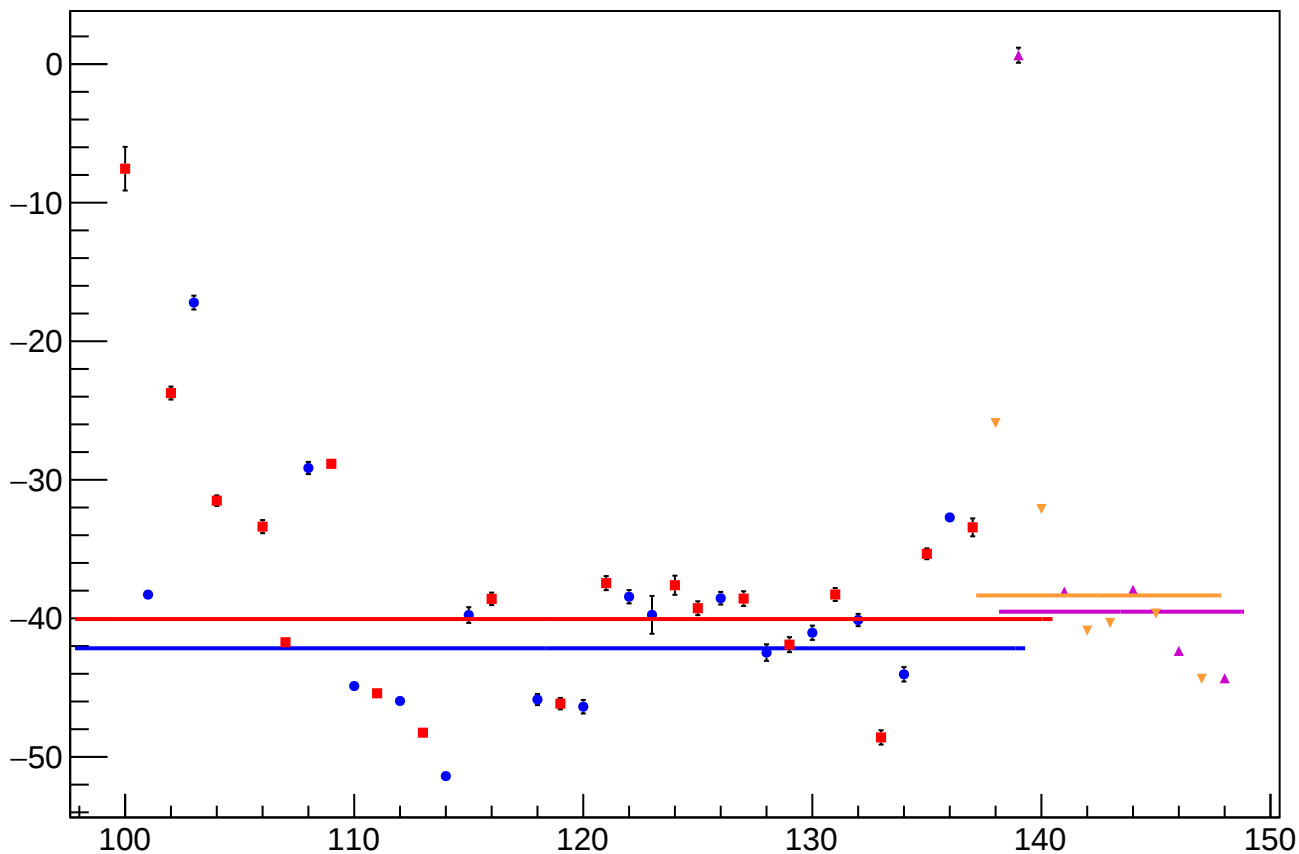
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.648 $\pm$ 0.111 χ^2 /NDF:4071.4/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.601 $\pm$ 0.125 χ^2 /NDF:795.7/4

Left: 6.942 $\pm$ 0.083 χ^2 /NDF: 5178.9/10
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.601 $\pm$ 0.125 χ^2 /NDF:795.7/4
 Out: 5.648 $\pm$ 0.111 χ^2 /NDF:4071.4/5
 All: 6.942 $\pm$ 0.083 χ^2 /NDF: 5178.9/10

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -38.346 ± 0.079 $\chi^2/\text{NDF}: 4889.7/5$

Right Out: -40.050 ± 0.073 $\chi^2/\text{NDF}: 11311.3/18$

Left In: -39.519 ± 0.087 $\chi^2/\text{NDF}: 6569.3/4$

Left: -38.877 ± 0.059 $\chi^2/\text{NDF}: 11557.9/10$

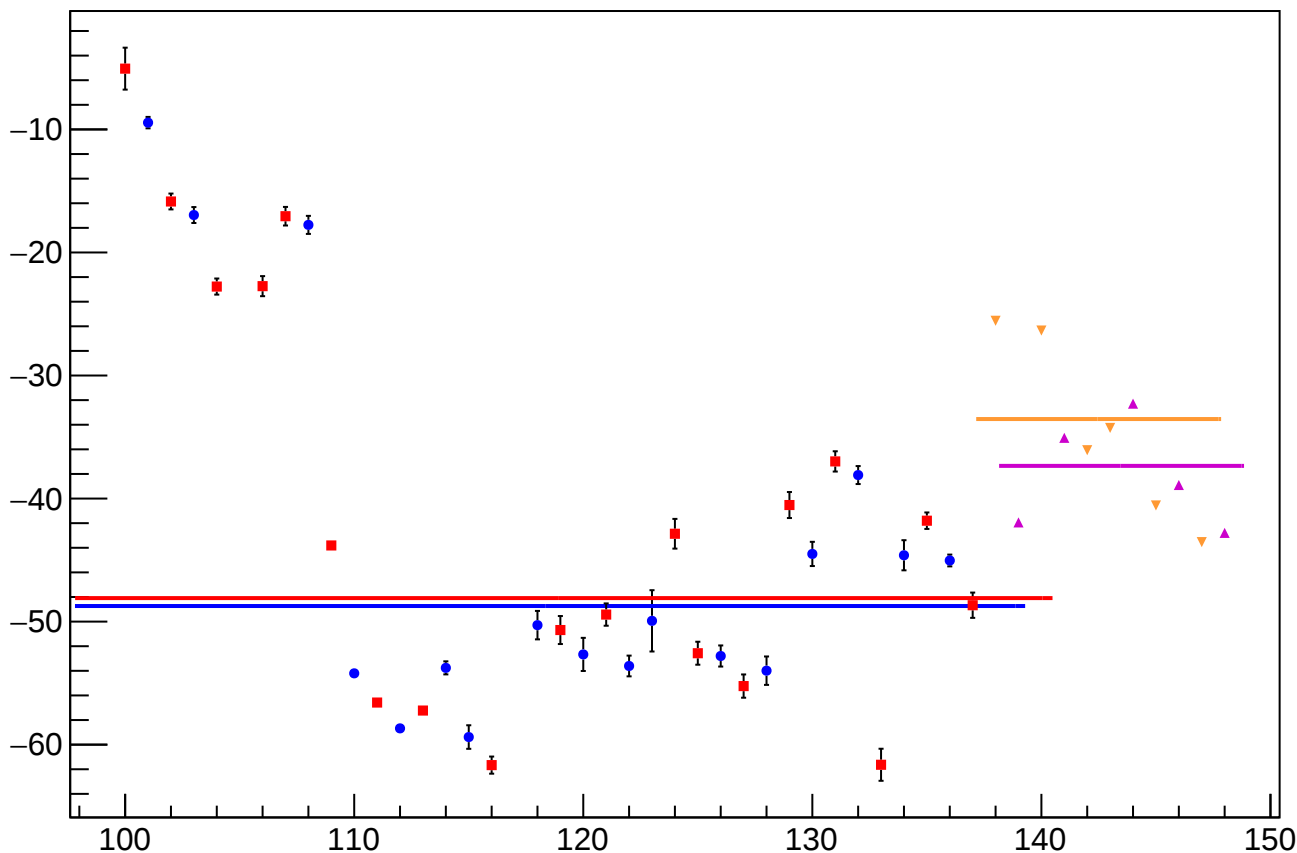
Right: -41.033 ± 0.053 $\chi^2/\text{NDF}: 18273.5/35$

In: -40.988 ± 0.058 $\chi^2/\text{NDF}: 13649.7/21$

Out: -39.272 ± 0.054 $\chi^2/\text{NDF}: 16451.5/24$

All: -40.061 ± 0.039 $\chi^2/\text{NDF}: 30572.3/46$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -33.537 ± 0.117 $\chi^2/\text{NDF}: 3264.8/5$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -37.344 ± 0.129 $\chi^2/\text{NDF}: 950.3/4$

Left: -35.247 ± 0.087 $\chi^2/\text{NDF}: 4693.6/10$

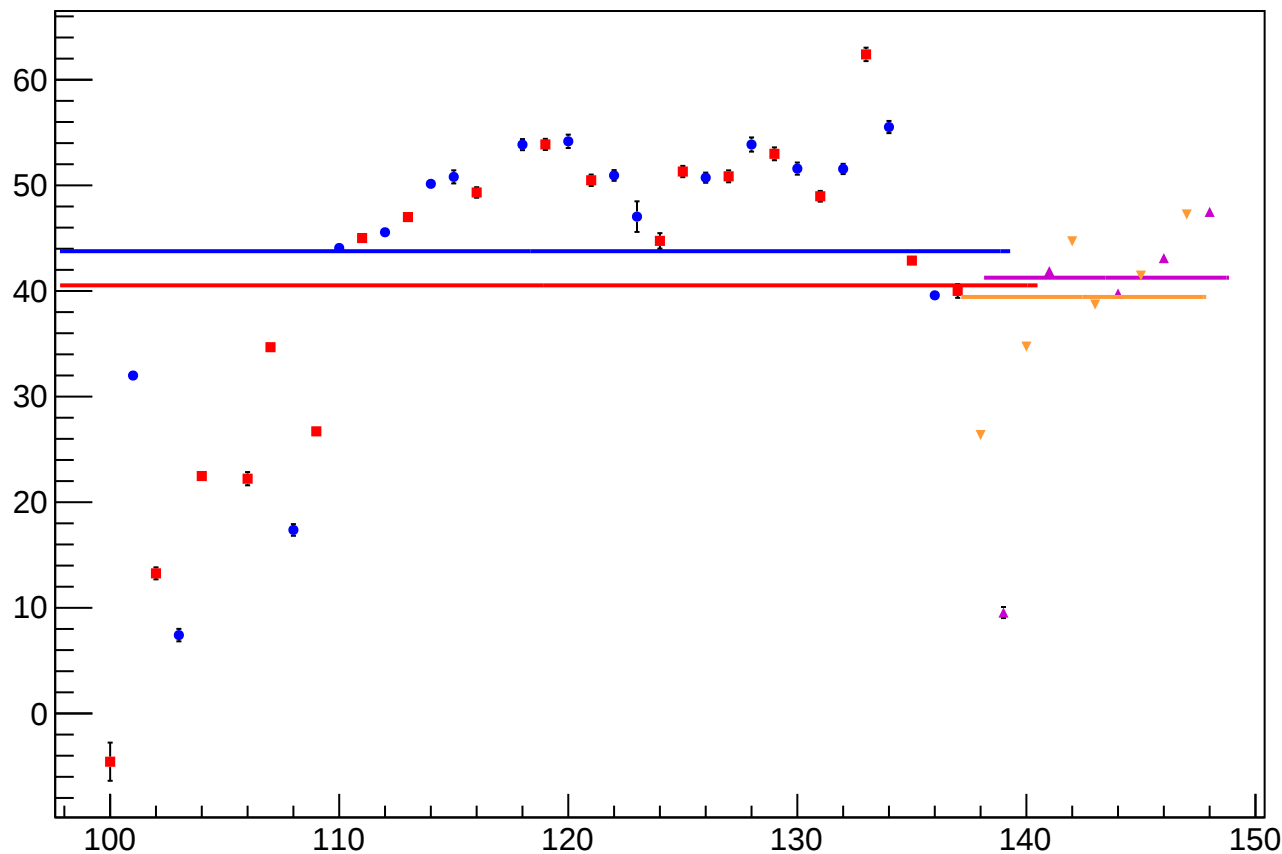
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -43.239 ± 0.090 $\chi^2/\text{NDF}: 19635.2/21$

Out: -41.423 ± 0.079 $\chi^2/\text{NDF}: 23435.1/24$

All: -42.215 ± 0.059 $\chi^2/\text{NDF}: 43301.2/46$

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: 39.437 $\pm$ 0.097 χ^2 /NDF:3816.4/5

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 41.259 $\pm$ 0.108 χ^2 /NDF:4429.0/4

Left: 40.249 $\pm$ 0.072 χ^2 /NDF: 8402.4/10

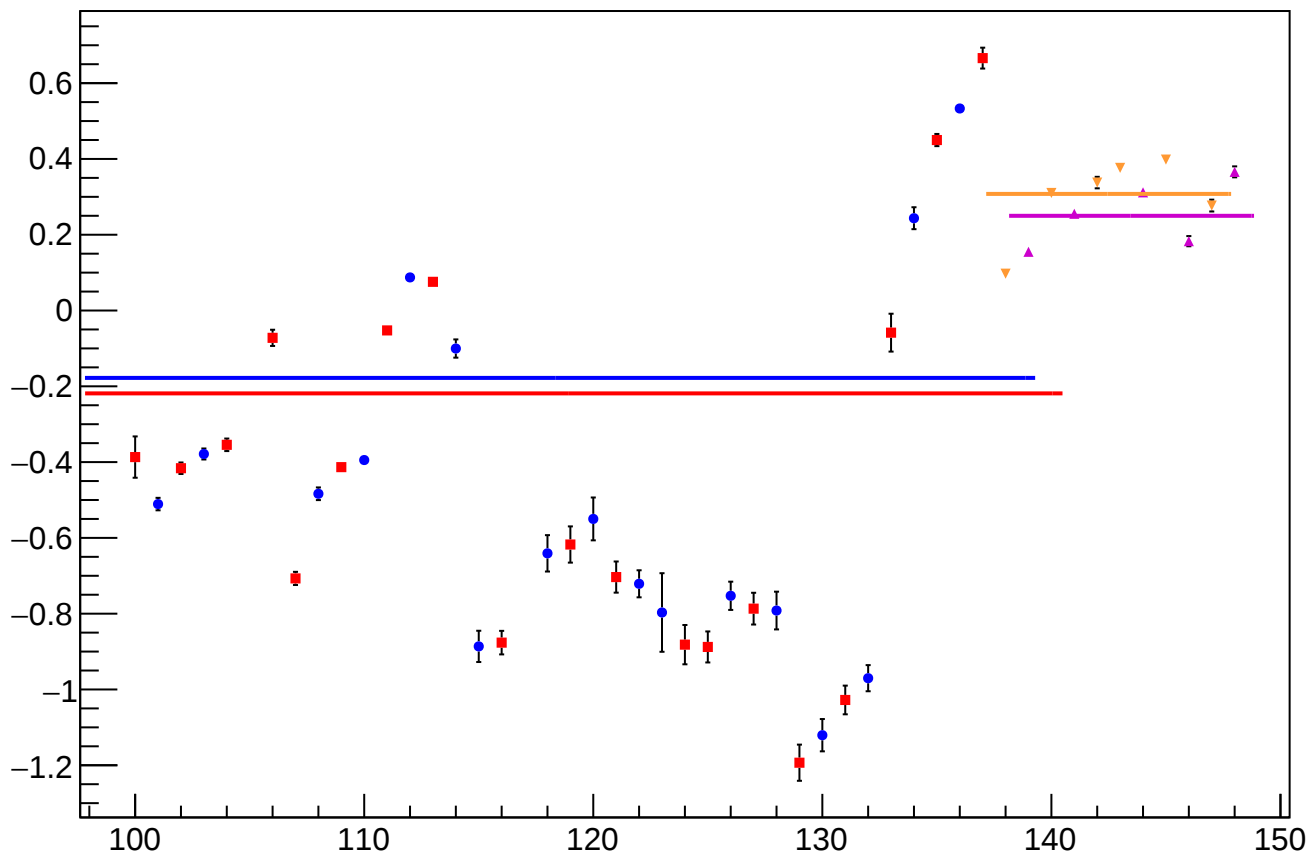
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.785 $\pm$ 0.068 χ^2 /NDF:15389.3/21

Out: 40.088 $\pm$ 0.062 χ^2 /NDF:21472.7/24

All: 41.314 $\pm$ 0.046 χ^2 /NDF: 37727.4/46

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.308 ± 0.005 χ^2/NDF : 435.7/5

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.250 ± 0.005 χ^2/NDF : 188.1/4

Left: 0.282 ± 0.004 χ^2/NDF : 687.9/10

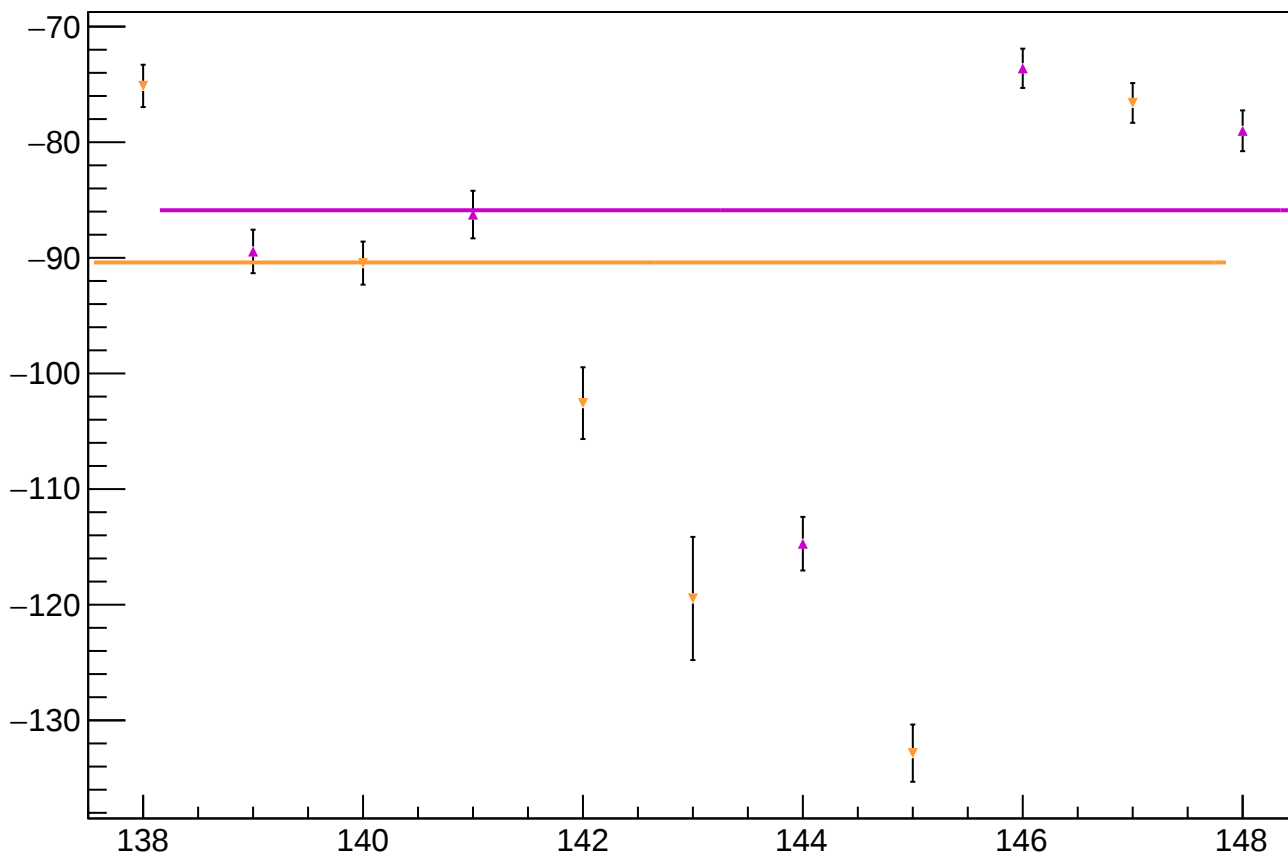
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.014 ± 0.004 χ^2/NDF : 11056.6/21

Out: 0.014 ± 0.003 χ^2/NDF : 14538.0/24

All: 0.014 ± 0.002 χ^2/NDF : 25594.6/46

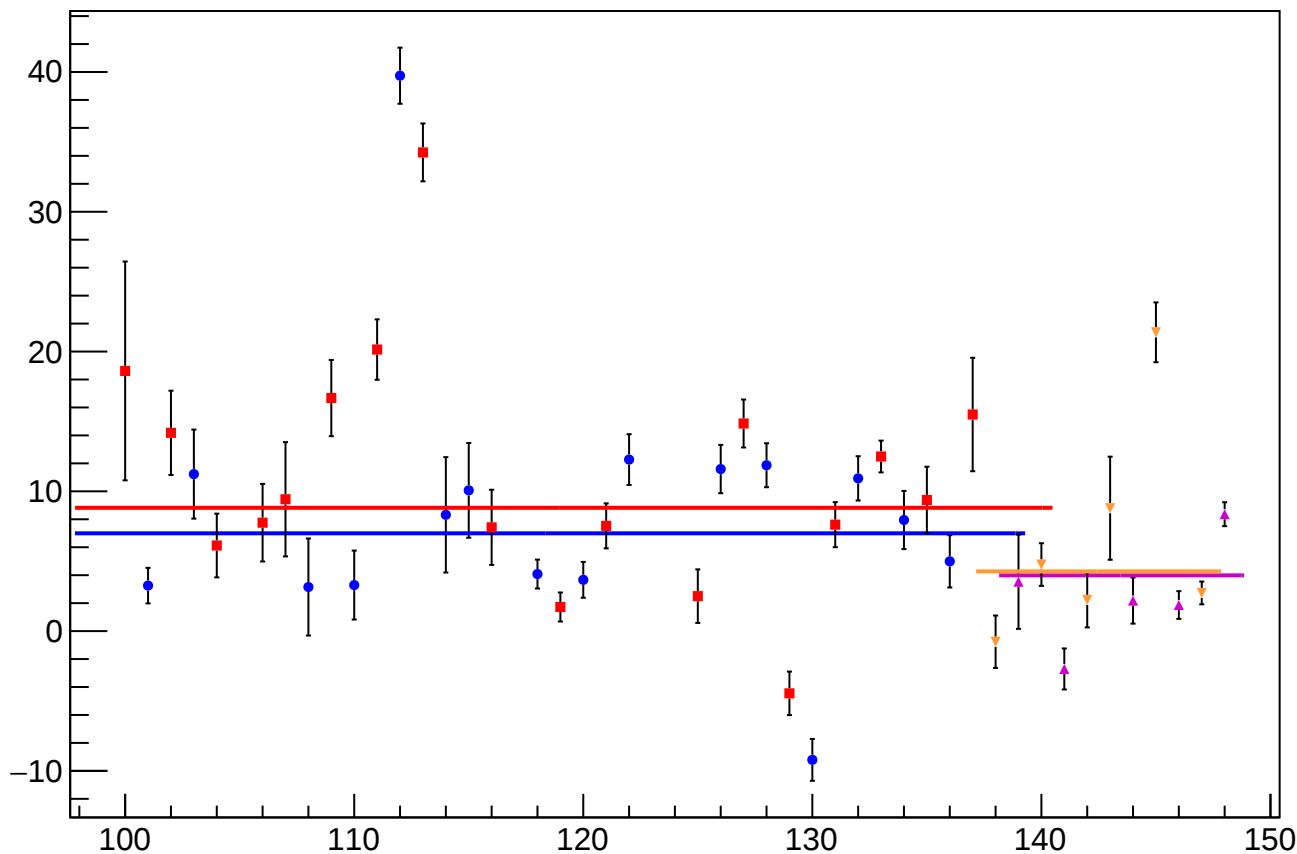
reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -90.399+/-0.903 χ^2/NDF : 473.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -85.884+/-0.853 χ^2/NDF : 225.8/4

Left: -88.015+/-0.620 χ^2/NDF : 712.1/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -85.884+/-0.853 χ^2/NDF : 225.8/4
 Out: -90.399+/-0.903 χ^2/NDF : 473.1/5
 All: -88.015+/-0.620 χ^2/NDF : 712.1/10

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 4.272 $\pm$ 0.601 χ^2 /NDF: 77.4/5

Right Out: 8.822 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 3.988 $\pm$ 0.550 χ^2 /NDF: 52.7/4

Left: 4.117 $\pm$ 0.406 χ^2 /NDF: 130.2/10

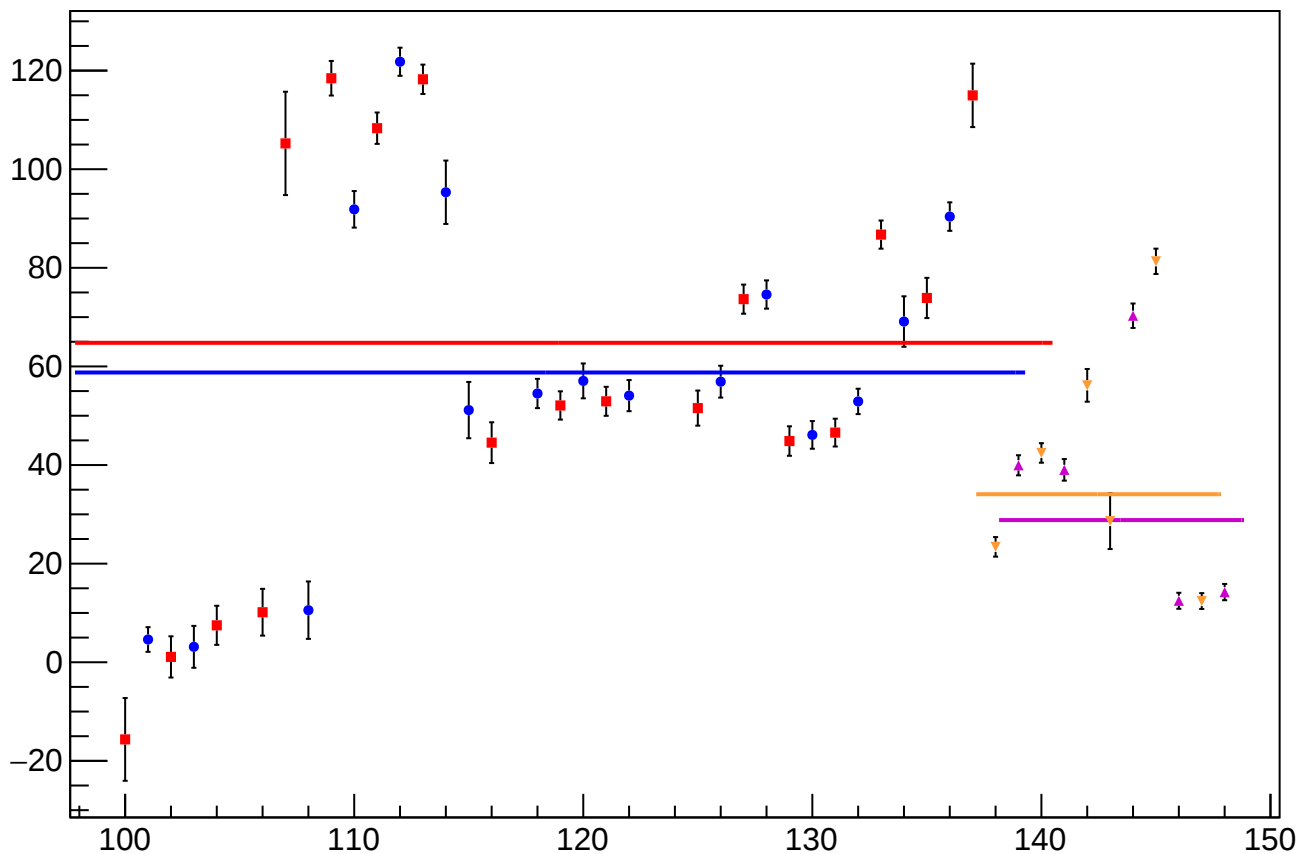
Right: 7.879 $\pm$ 0.312 χ^2 /NDF: 804.3/33

In: 5.842 $\pm$ 0.341 χ^2 /NDF: 516.5/20

Out: 7.193 $\pm$ 0.360 χ^2 /NDF: 464.6/23

All: 6.482 $\pm$ 0.247 χ^2 /NDF: 988.5/44

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: 34.077 $\pm$ 0.925 χ^2 /NDF: 612.2/5

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 28.837 $\pm$ 0.858 χ^2 /NDF: 510.7/4

Left: 31.262 $\pm$ 0.629 χ^2 /NDF: 1140.2/10

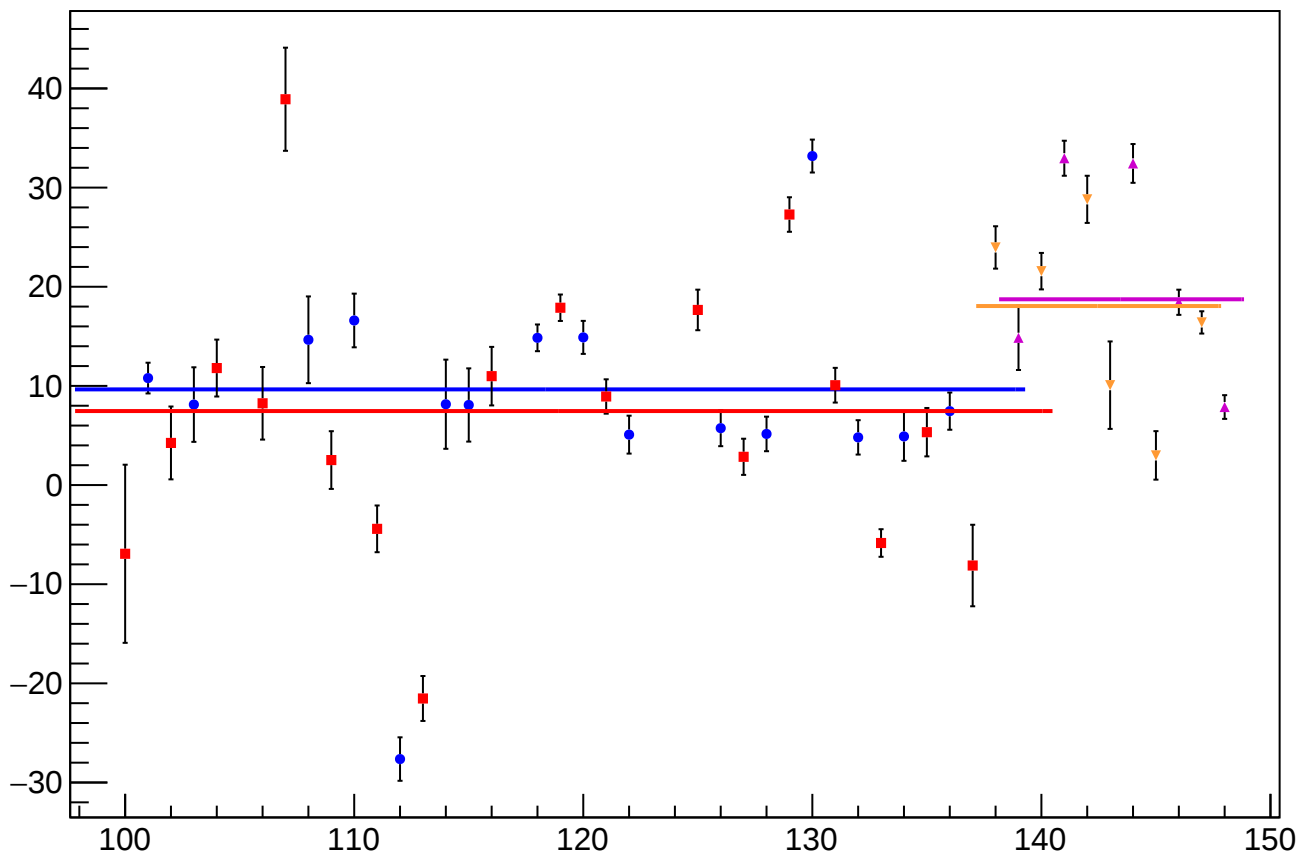
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 44.253 $\pm$ 0.598 χ^2 /NDF: 2630.4/20

Out: 50.896 $\pm$ 0.622 χ^2 /NDF: 2934.5/23

All: 47.443 $\pm$ 0.431 χ^2 /NDF: 5624.2/44

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 18.055 ± 0.766 χ^2/NDF : 75.1/5

Right Out: 7.463 ± 0.516 χ^2/NDF : 566.9/17

Left In: 18.735 ± 0.708 χ^2/NDF : 197.9/4

Left: 18.422 ± 0.520 χ^2/NDF : 273.5/10

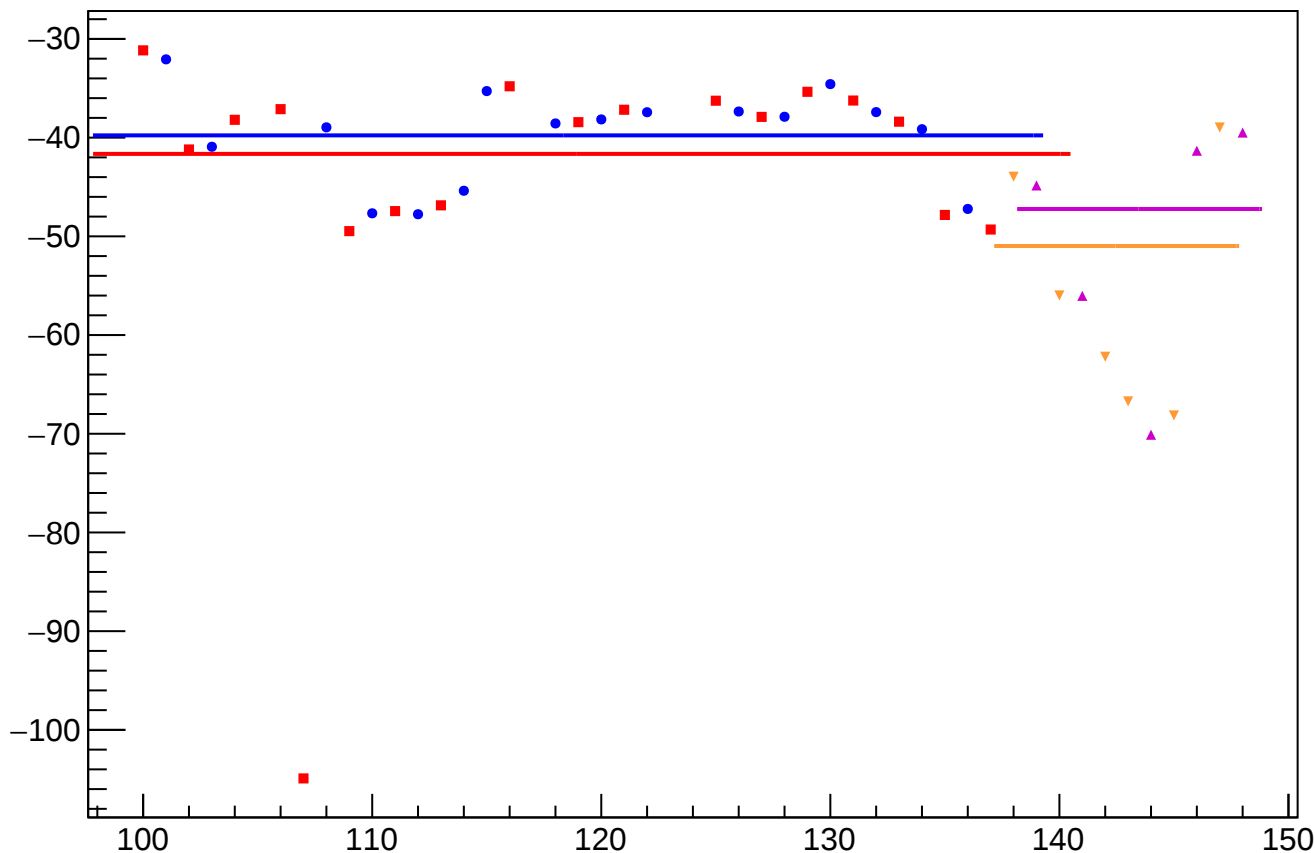
Right: 8.585 ± 0.360 χ^2/NDF : 1129.6/33

In: 12.689 ± 0.410 χ^2/NDF : 861.1/20

Out: 10.763 ± 0.428 χ^2/NDF : 773.5/23

All: 11.768 ± 0.296 χ^2/NDF : 1645.1/44

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$

Left Out: -50.979 ± 0.039 $\chi^2/\text{NDF}: 77003.6/5$

Right Out: -41.647 ± 0.031 $\chi^2/\text{NDF}: 94514.5/17$

Left In: -47.229 ± 0.036 $\chi^2/\text{NDF}: 73383.9/4$

Left: -48.920 ± 0.026 $\chi^2/\text{NDF}: 155368.2/10$

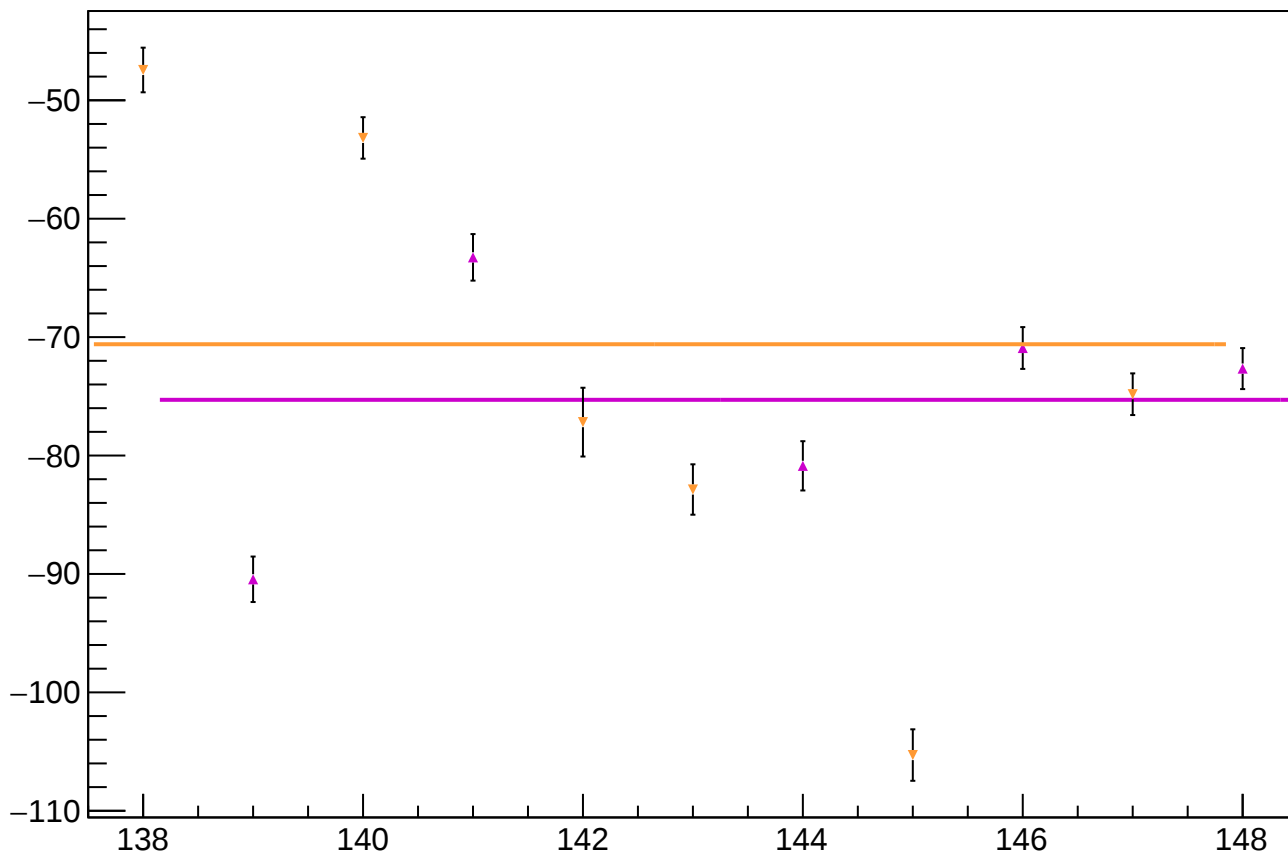
Right: -40.706 ± 0.022 $\chi^2/\text{NDF}: 122504.5/33$

In: -42.991 ± 0.023 $\chi^2/\text{NDF}: 124378.7/20$

Out: -45.246 ± 0.024 $\chi^2/\text{NDF}: 206021.5/23$

All: -44.071 ± 0.017 $\chi^2/\text{NDF}: 334829.7/44$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.601+/-0.822 χ^2/NDF :548.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.295+/-0.840 χ^2/NDF :115.4/4

Left: -72.895+/-0.588 χ^2/NDF : 680.0/10

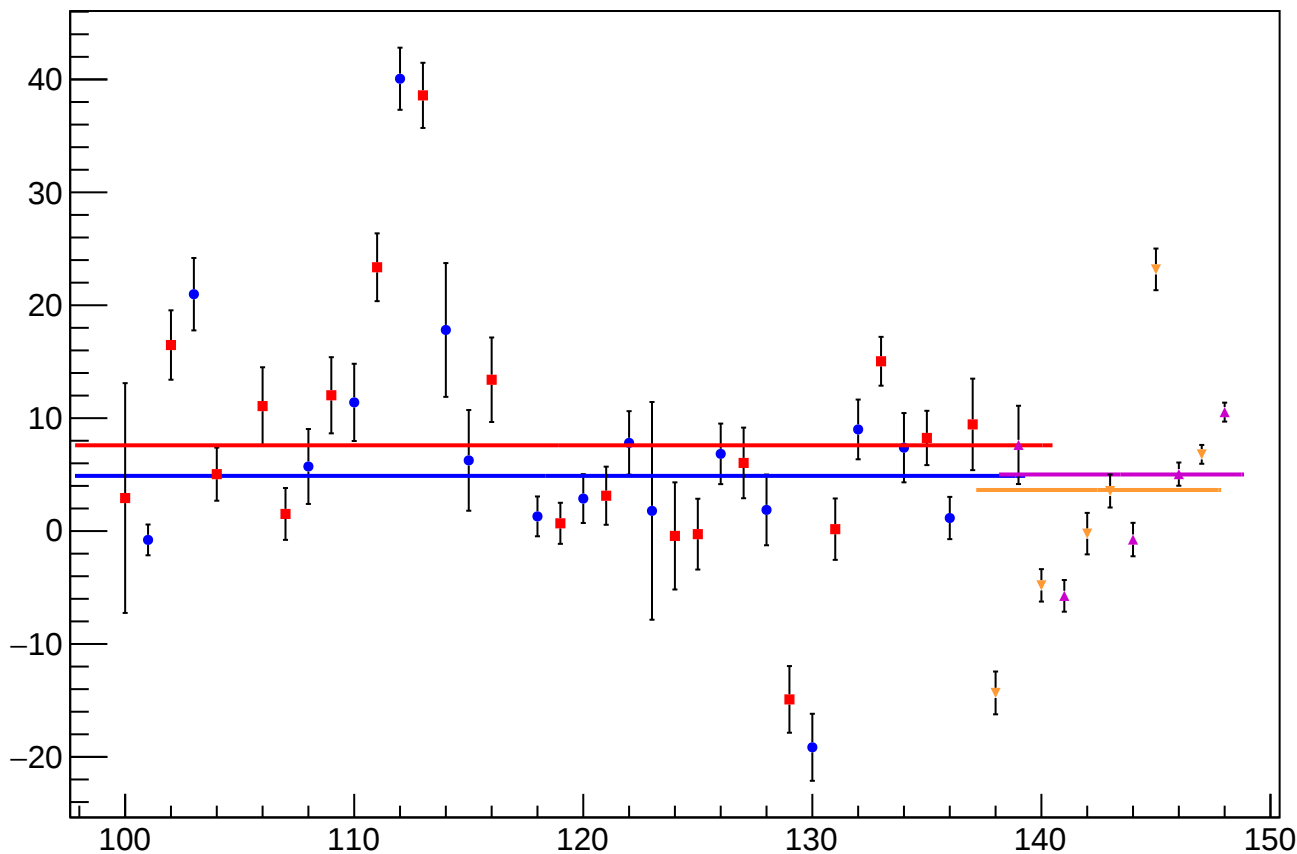
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.295+/-0.840 χ^2/NDF :115.4/4

Out: -70.601+/-0.822 χ^2/NDF :548.6/5

All: -72.895+/-0.588 χ^2/NDF : 680.0/10

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: 3.639 $\pm$ 0.554 χ^2 /NDF:255.3/5

Right Out: 7.596 $\pm$ 0.651 χ^2 /NDF: 269.4/18

Left In: 5.012 $\pm$ 0.541 χ^2 /NDF:117.7/4

Left: 4.342 $\pm$ 0.387 χ^2 /NDF: 376.1/10

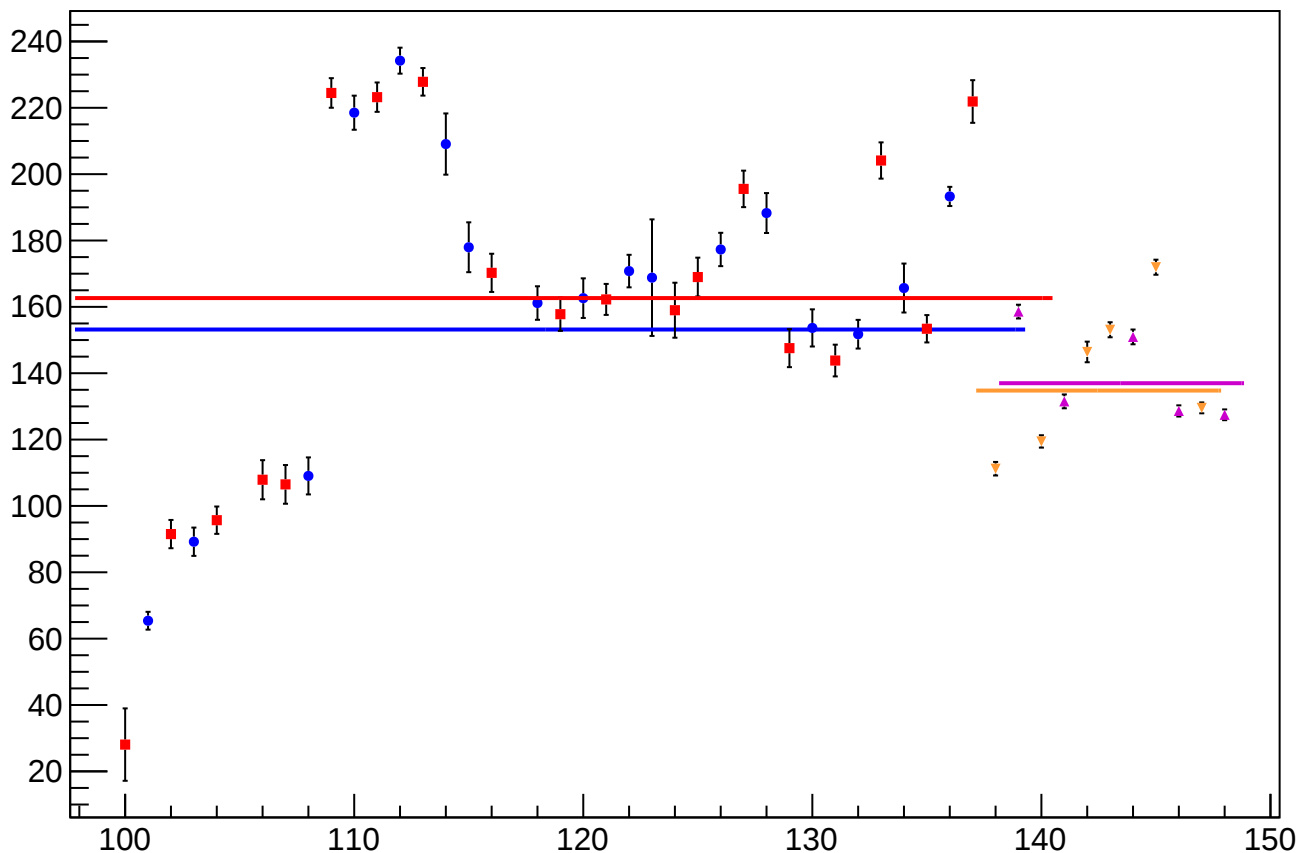
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 4.958 $\pm$ 0.408 χ^2 /NDF:412.4/21

Out: 5.302 $\pm$ 0.422 χ^2 /NDF:546.1/24

All: 5.124 $\pm$ 0.293 χ^2 /NDF: 958.9/46

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: 134.774 $\pm$ 0.848 χ^2 /NDF:558.0/5

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 136.993 $\pm$ 0.847 χ^2 /NDF:213.0/4

Left: 135.886 $\pm$ 0.599 χ^2 /NDF: 774.5/10

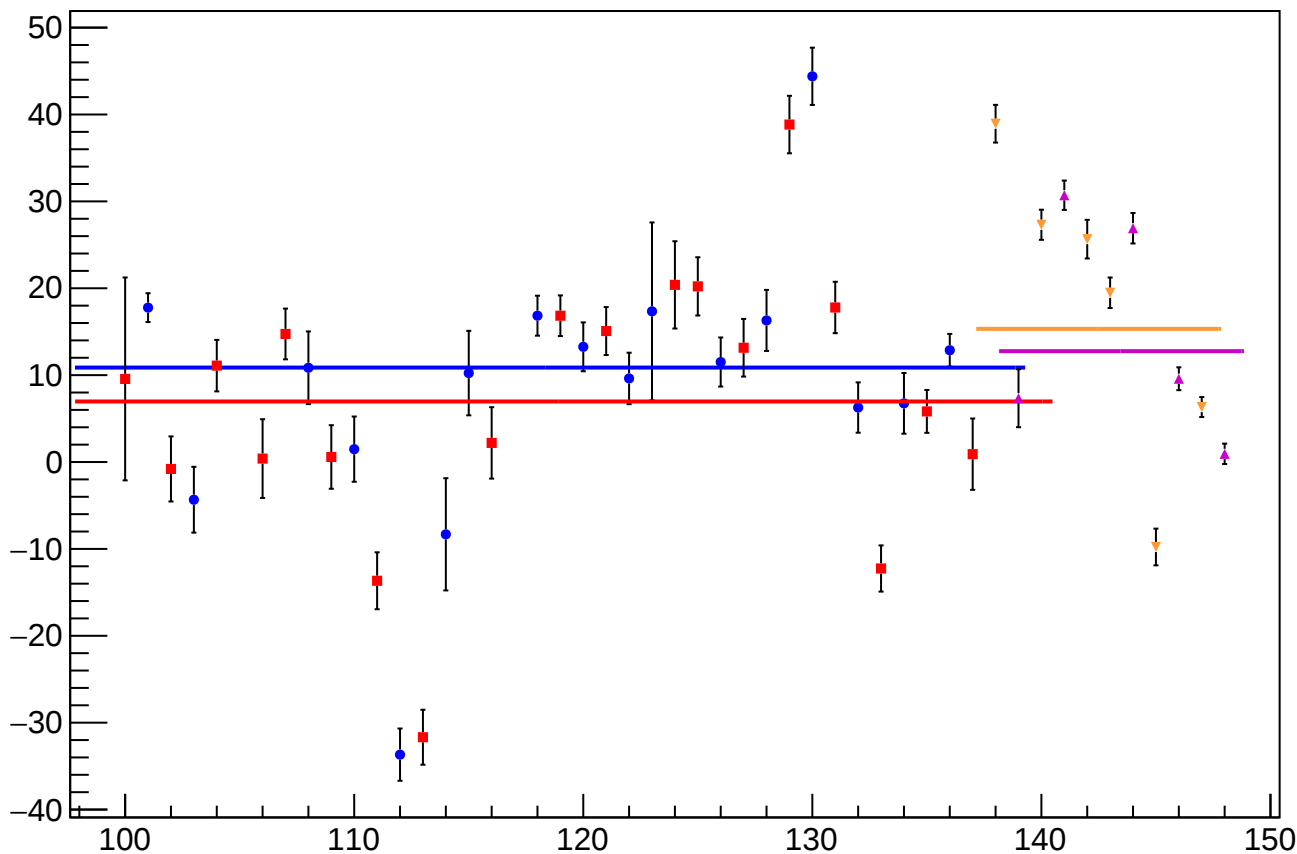
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 142.708 $\pm$ 0.681 χ^2 /NDF:2606.2/21

Out: 144.315 $\pm$ 0.688 χ^2 /NDF:2636.1/24

All: 143.503 $\pm$ 0.484 χ^2 /NDF: 5245.0/46

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: 15.330 $\pm$ 0.698 χ^2 /NDF:395.7/5

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 12.763 $\pm$ 0.695 χ^2 /NDF:287.7/4

Left: 14.041 $\pm$ 0.493 χ^2 /NDF: 690.1/10

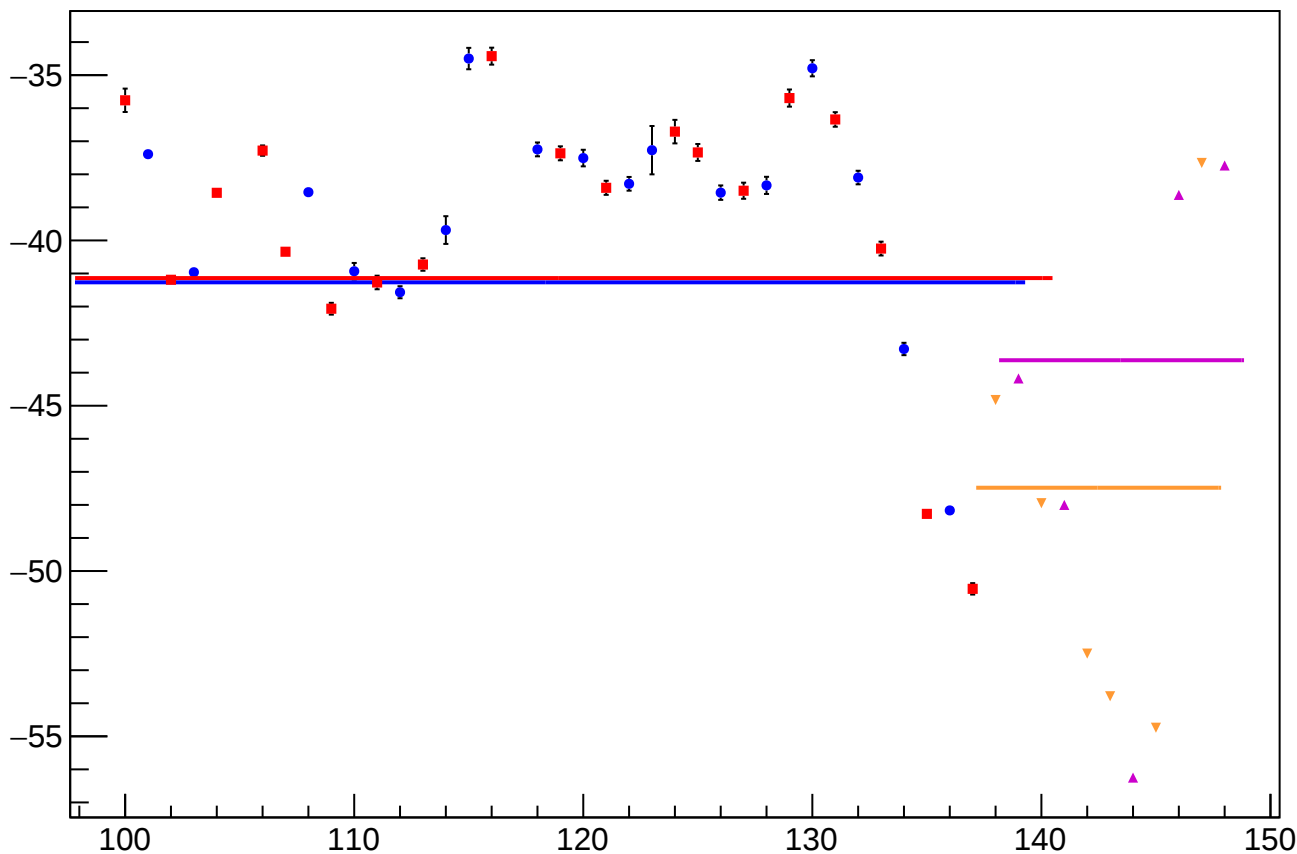
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 11.843 $\pm$ 0.498 χ^2 /NDF:678.0/21

Out: 11.435 $\pm$ 0.510 χ^2 /NDF:884.8/24

All: 11.644 $\pm$ 0.357 χ^2 /NDF: 1563.1/46

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -47.481 ± 0.036 $\chi^2/\text{NDF}: 30181.4/5$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -43.624 ± 0.035 $\chi^2/\text{NDF}: 30881.7/4$

Left: -45.522 ± 0.025 $\chi^2/\text{NDF}: 66949.3/10$

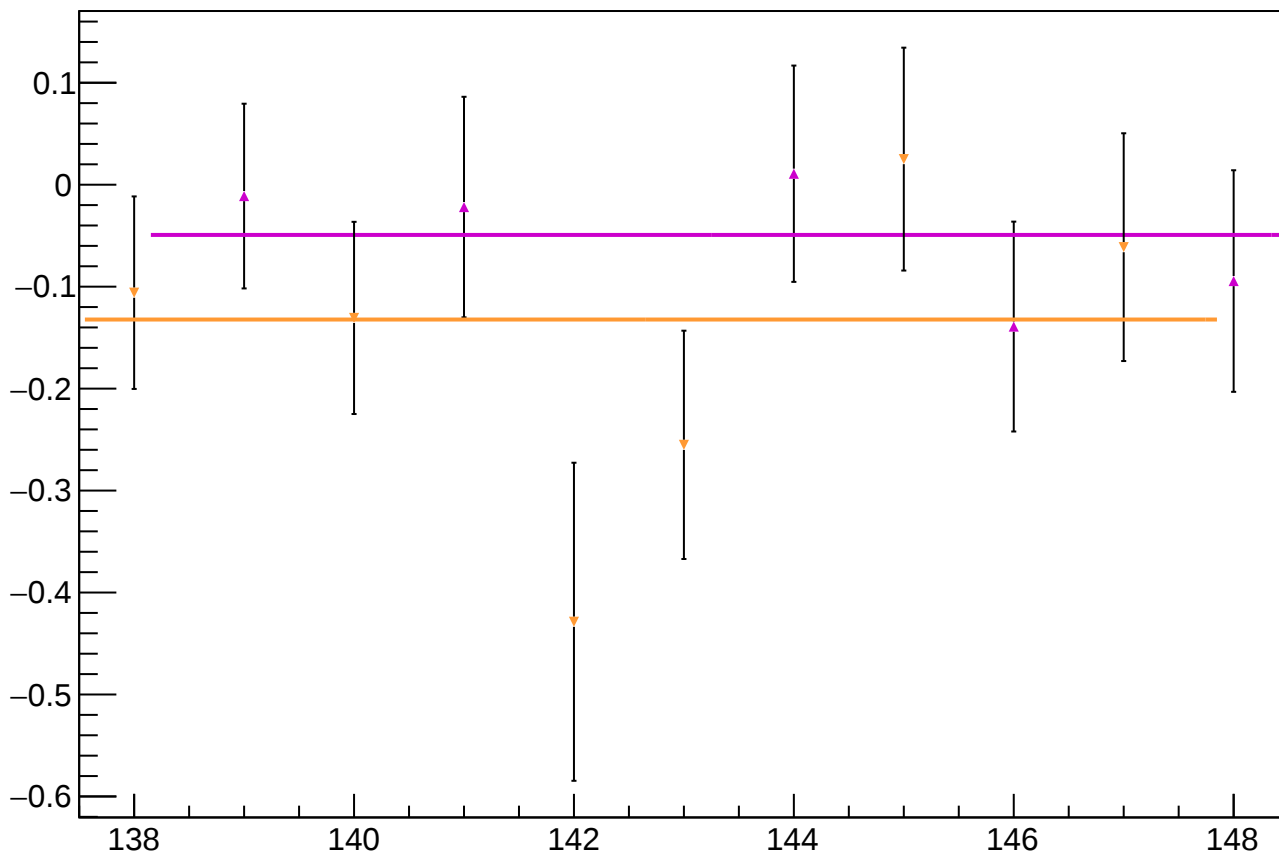
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -42.549 ± 0.026 $\chi^2/\text{NDF}: 45499.7/21$

Out: -44.547 ± 0.026 $\chi^2/\text{NDF}: 56920.9/24$

All: -43.539 ± 0.018 $\chi^2/\text{NDF}: 105342.1/46$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.132+/-0.044 χ^2/NDF : 7.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.049+/-0.046 χ^2/NDF : 1.5/4

Left: -0.092+/-0.032 χ^2/NDF : 10.6/10

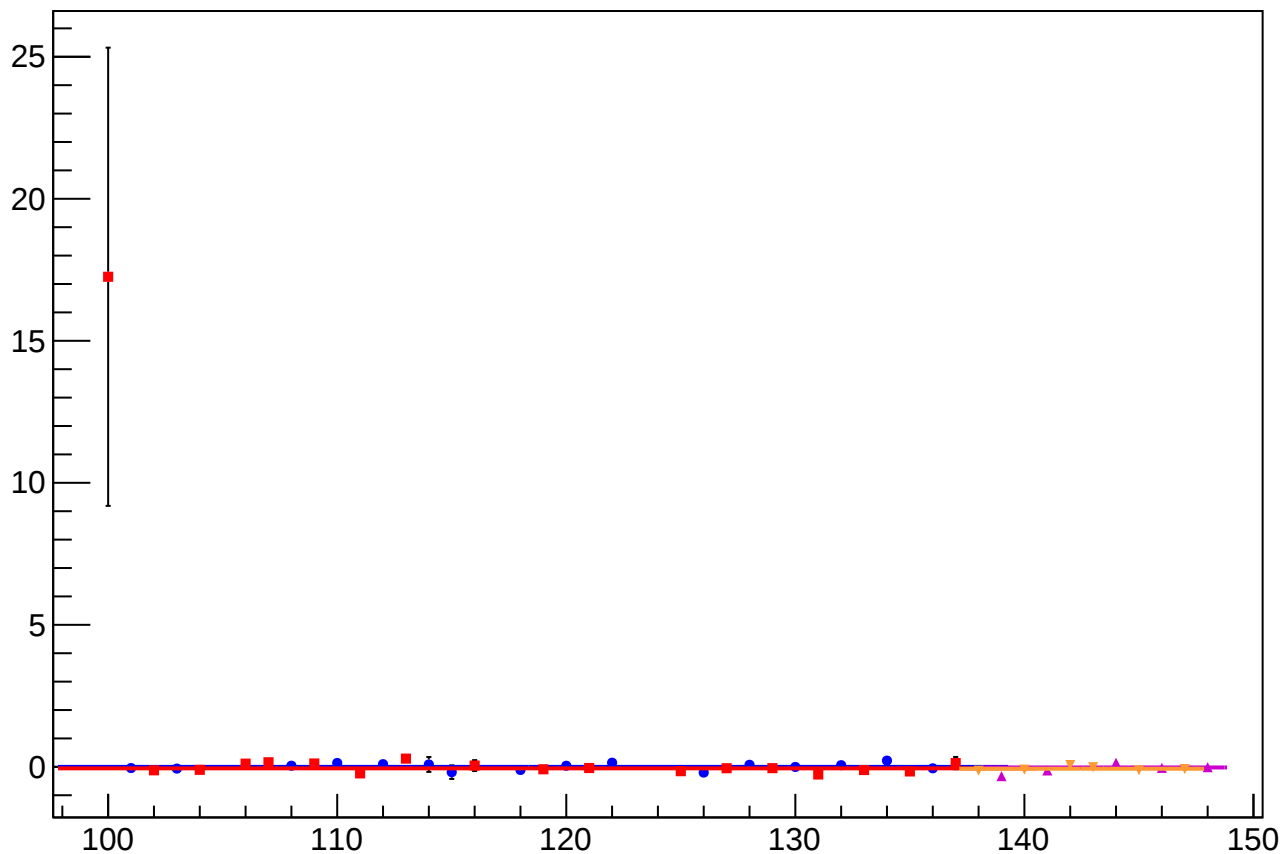
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.049+/-0.046 χ^2/NDF : 1.5/4

Out: -0.132+/-0.044 χ^2/NDF : 7.4/5

All: -0.092+/-0.032 χ^2/NDF : 10.6/10

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.067 ± 0.032 χ^2/NDF : 3.2/5

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.022 ± 0.032 χ^2/NDF : 10.2/4

Left: -0.044 ± 0.022 χ^2/NDF : 14.4/10

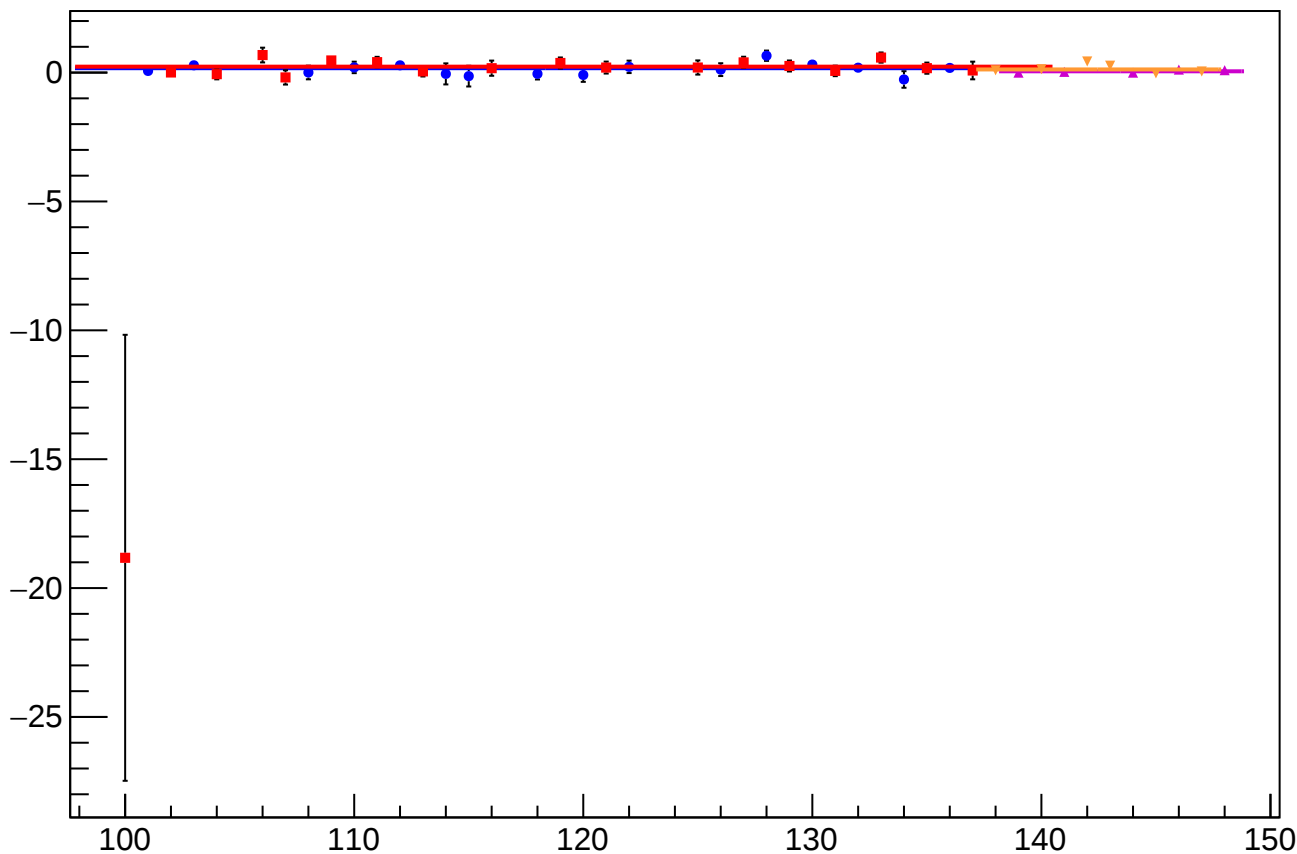
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.011 ± 0.021 χ^2/NDF : 22.5/20

Out: -0.059 ± 0.021 χ^2/NDF : 28.8/23

All: -0.035 ± 0.015 χ^2/NDF : 53.9/44

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170+/-0.052 χ^2/NDF : 13.0/15

Left Out: 0.122+/-0.046 χ^2/NDF : 7.4/5

Right Out: 0.229+/-0.054 χ^2/NDF : 21.7/17

Left In: 0.050+/-0.047 χ^2/NDF : 1.2/4

Left: 0.086+/-0.033 χ^2/NDF : 9.7/10

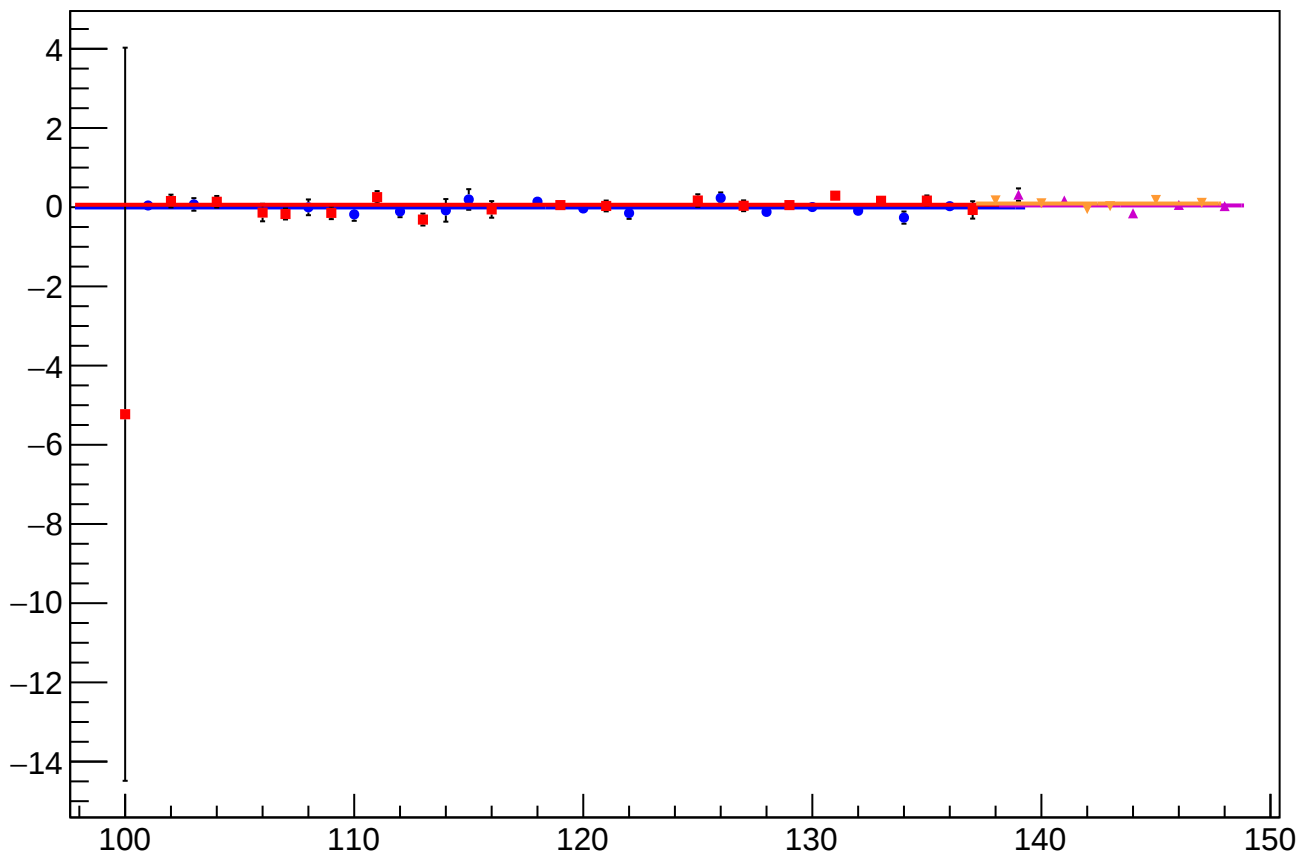
Right: 0.199+/-0.038 χ^2/NDF : 35.3/33

In: 0.103+/-0.035 χ^2/NDF : 17.1/20

Out: 0.167+/-0.035 χ^2/NDF : 31.3/23

All: 0.135+/-0.025 χ^2/NDF : 50.1/44

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.092 ± 0.039 χ^2/NDF : 3.2/5

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.044 ± 0.040 χ^2/NDF : 9.7/4

Left: 0.069 ± 0.028 χ^2/NDF : 13.6/10

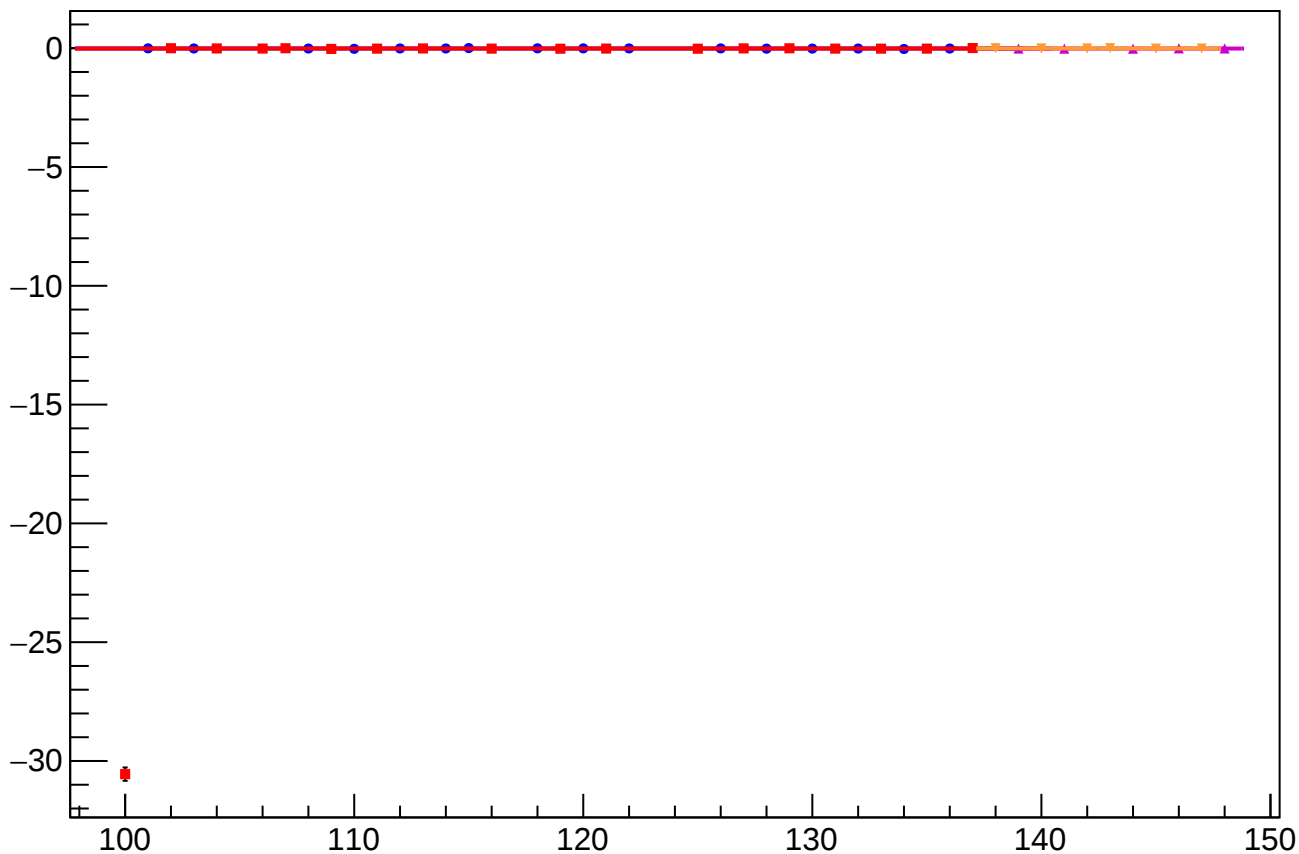
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.014 ± 0.025 χ^2/NDF : 23.9/20

Out: 0.075 ± 0.026 χ^2/NDF : 23.8/23

All: 0.044 ± 0.018 χ^2/NDF : 50.7/44

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.008 $\pm$ 0.002 χ^2 /NDF:12.4/5

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.014 $\pm$ 0.002 χ^2 /NDF:5.8/4

Left: -0.011 $\pm$ 0.001 χ^2 /NDF: 23.8/10

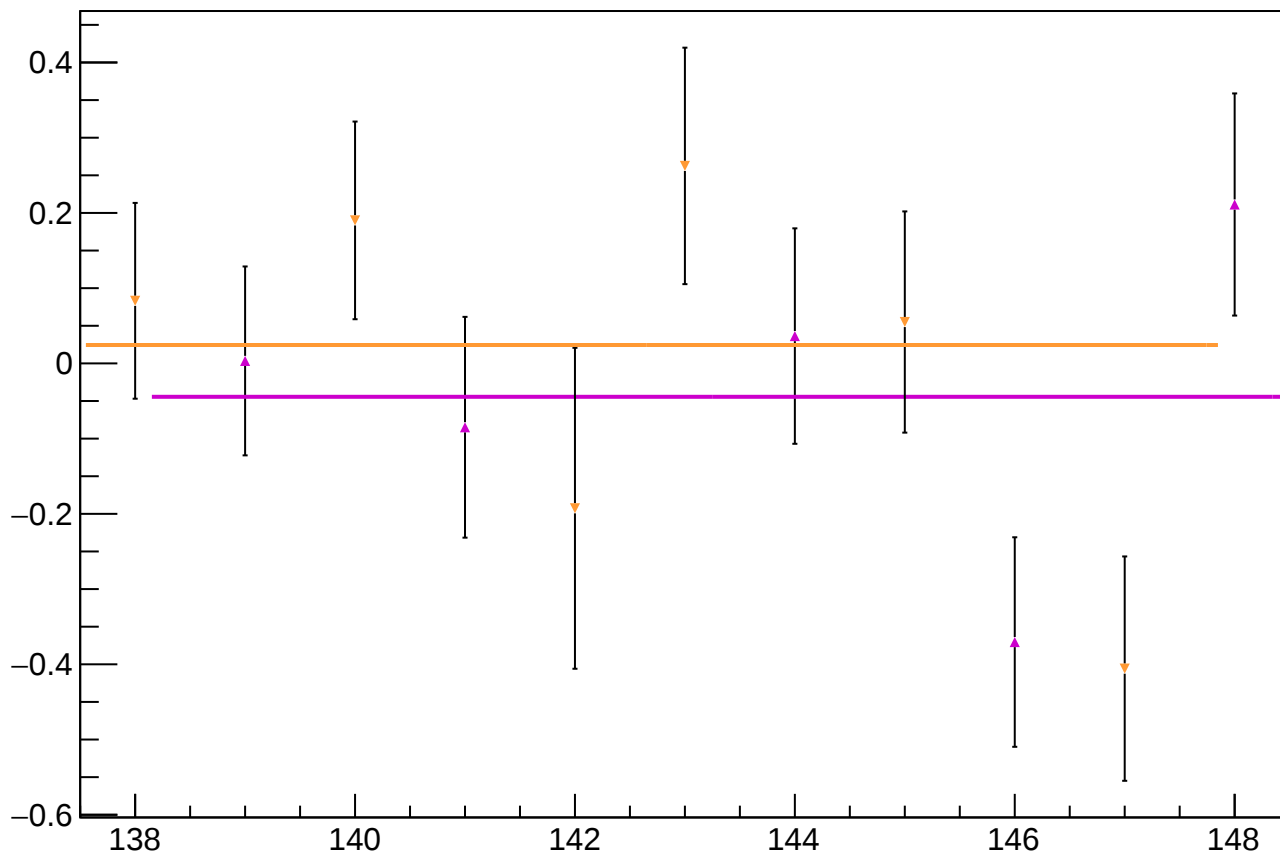
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.013 $\pm$ 0.001 χ^2 /NDF:19.3/20

Out: -0.010 $\pm$ 0.001 χ^2 /NDF:11905.7/23

All: -0.011 $\pm$ 0.001 χ^2 /NDF: 11927.5/44

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: 0.024 $\pm$ 0.061 χ^2 /NDF:13.5/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.044 $\pm$ 0.062 χ^2 /NDF:9.0/4

Left: -0.009 $\pm$ 0.044 χ^2 /NDF: 23.1/10

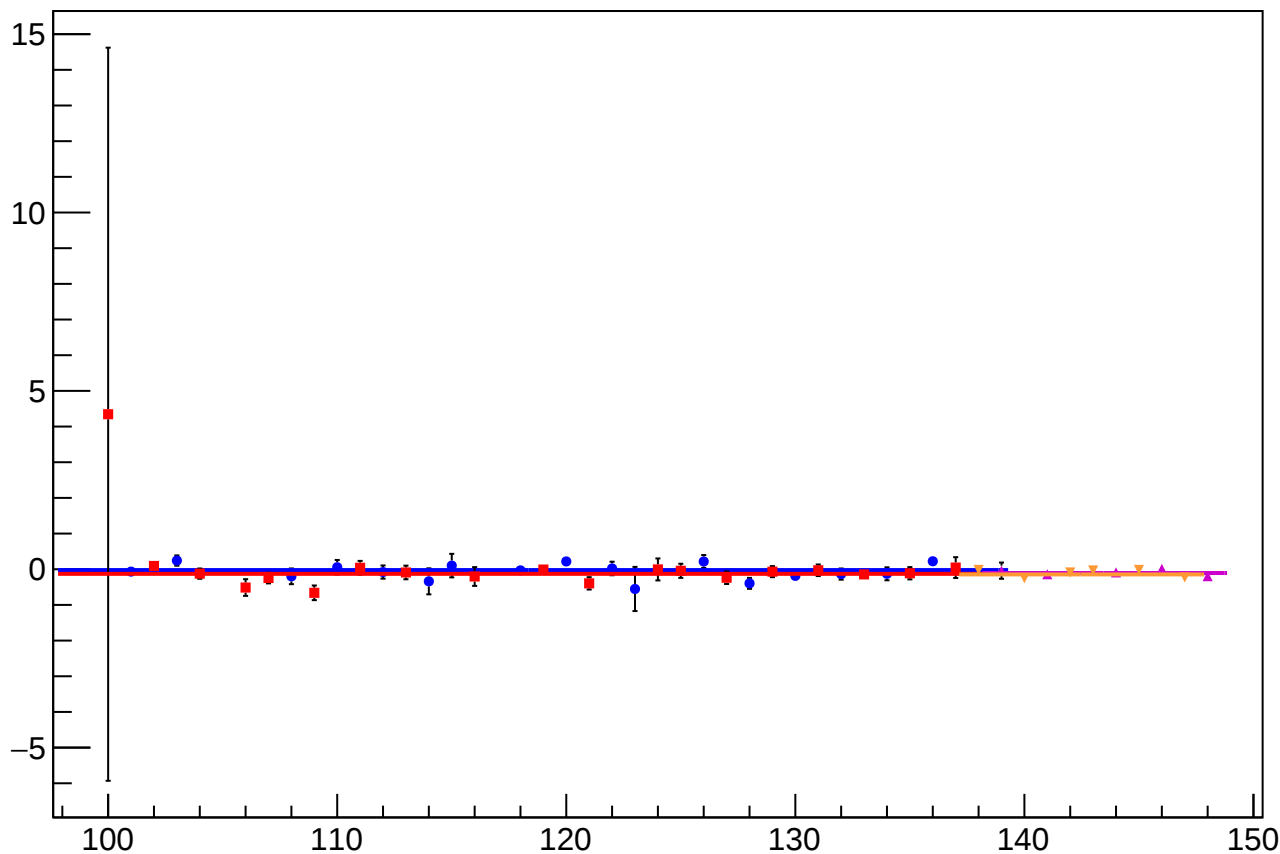
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.044 $\pm$ 0.062 χ^2 /NDF:9.0/4

Out: 0.024 $\pm$ 0.061 χ^2 /NDF:13.5/5

All: -0.009 $\pm$ 0.044 χ^2 /NDF: 23.1/10

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.145 ± 0.043 χ^2/NDF : 5.5/5

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.106 ± 0.043 χ^2/NDF : 3.8/4

Left: -0.125 ± 0.030 χ^2/NDF : 9.8/10

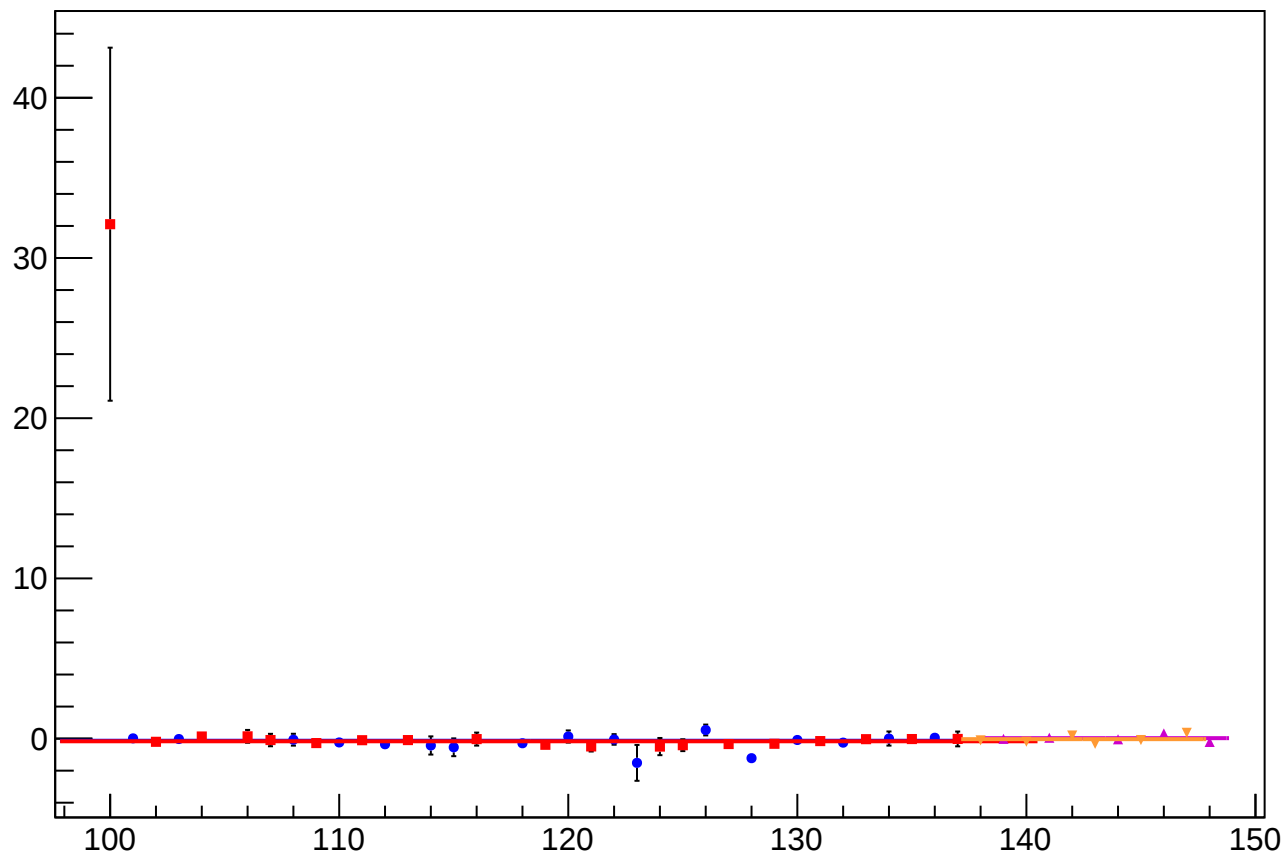
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.058 ± 0.028 χ^2/NDF : 28.4/21

Out: -0.136 ± 0.029 χ^2/NDF : 24.4/24

All: -0.095 ± 0.020 χ^2/NDF : 56.6/46

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.033 ± 0.063 χ^2/NDF : 13.8/5

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: 0.029 ± 0.064 χ^2/NDF : 8.2/4

Left: -0.003 ± 0.045 χ^2/NDF : 22.5/10

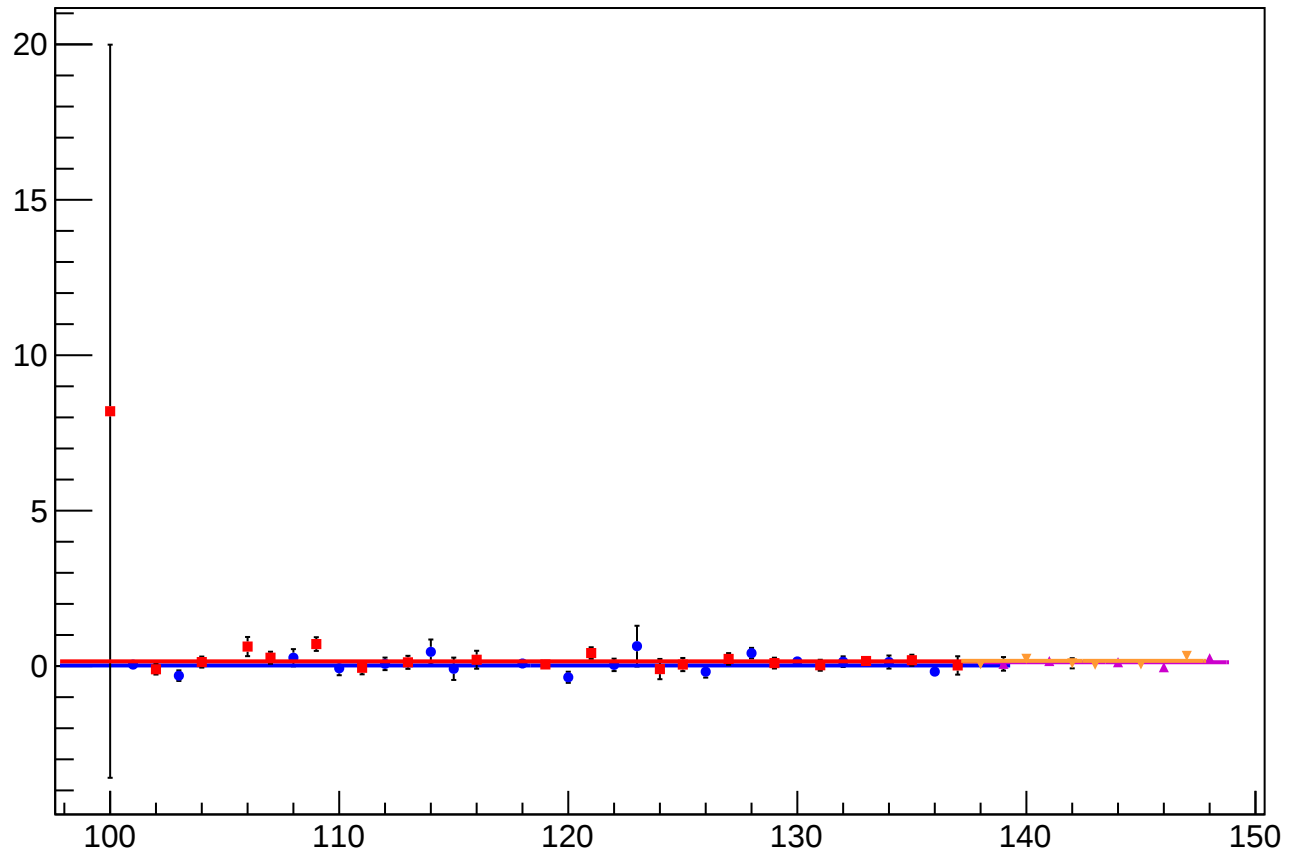
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.048 ± 0.046 χ^2/NDF : 37.0/21

Out: -0.092 ± 0.047 χ^2/NDF : 30.5/24

All: -0.070 ± 0.033 χ^2/NDF : 67.9/46

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: 0.168 $\pm$ 0.053 χ^2 /NDF: 5.3/5

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 17.3/18

Left In: 0.123 $\pm$ 0.054 χ^2 /NDF: 4.2/4

Left: 0.146 $\pm$ 0.038 χ^2 /NDF: 9.8/10

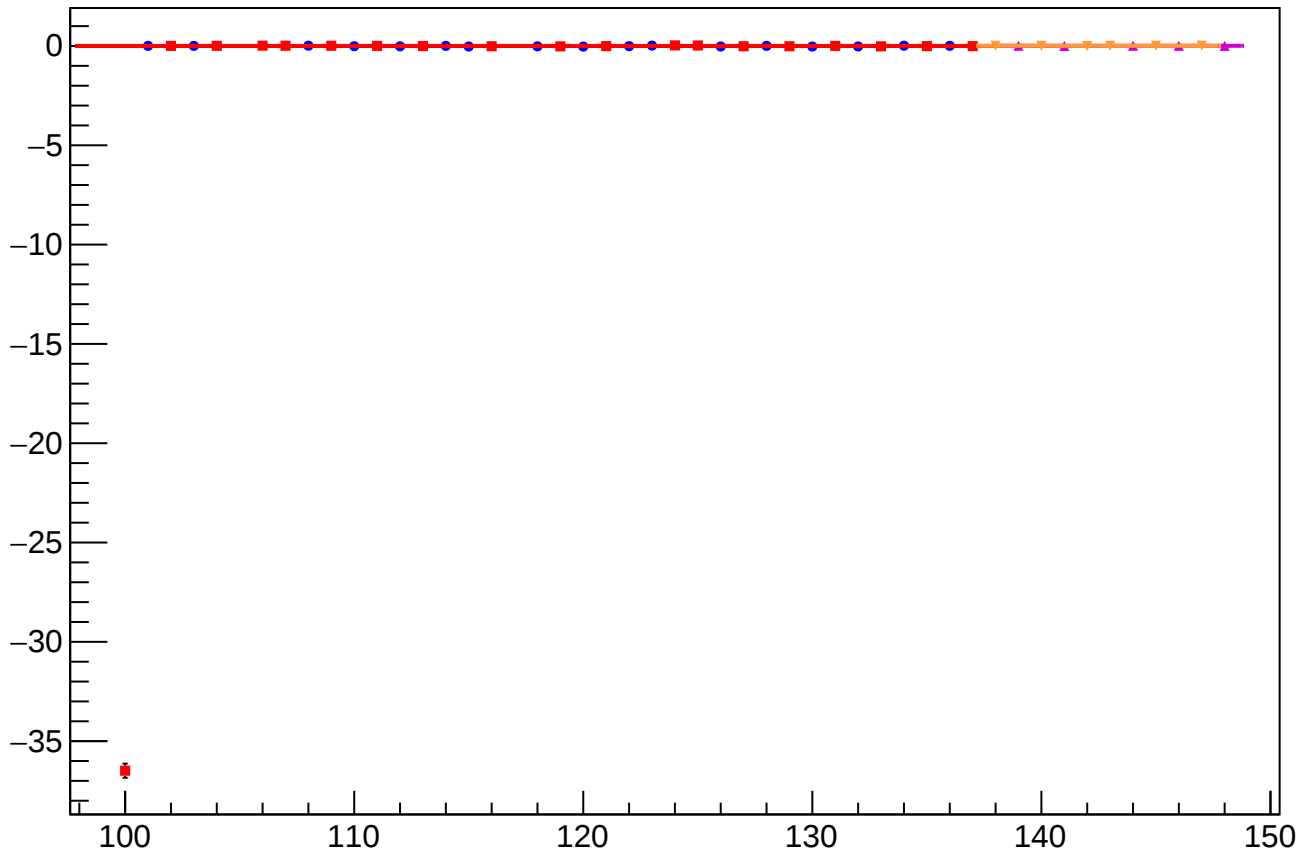
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.6/35

In: 0.059 $\pm$ 0.033 χ^2 /NDF: 28.2/21

Out: 0.159 $\pm$ 0.035 χ^2 /NDF: 22.6/24

All: 0.107 $\pm$ 0.024 χ^2 /NDF: 55.1/46

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: 0.010 $\pm$ 0.003 χ^2 /NDF: 4.3/5

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.010 $\pm$ 0.003 χ^2 /NDF: 2.3/4

Left: 0.010 $\pm$ 0.002 χ^2 /NDF: 6.6/10

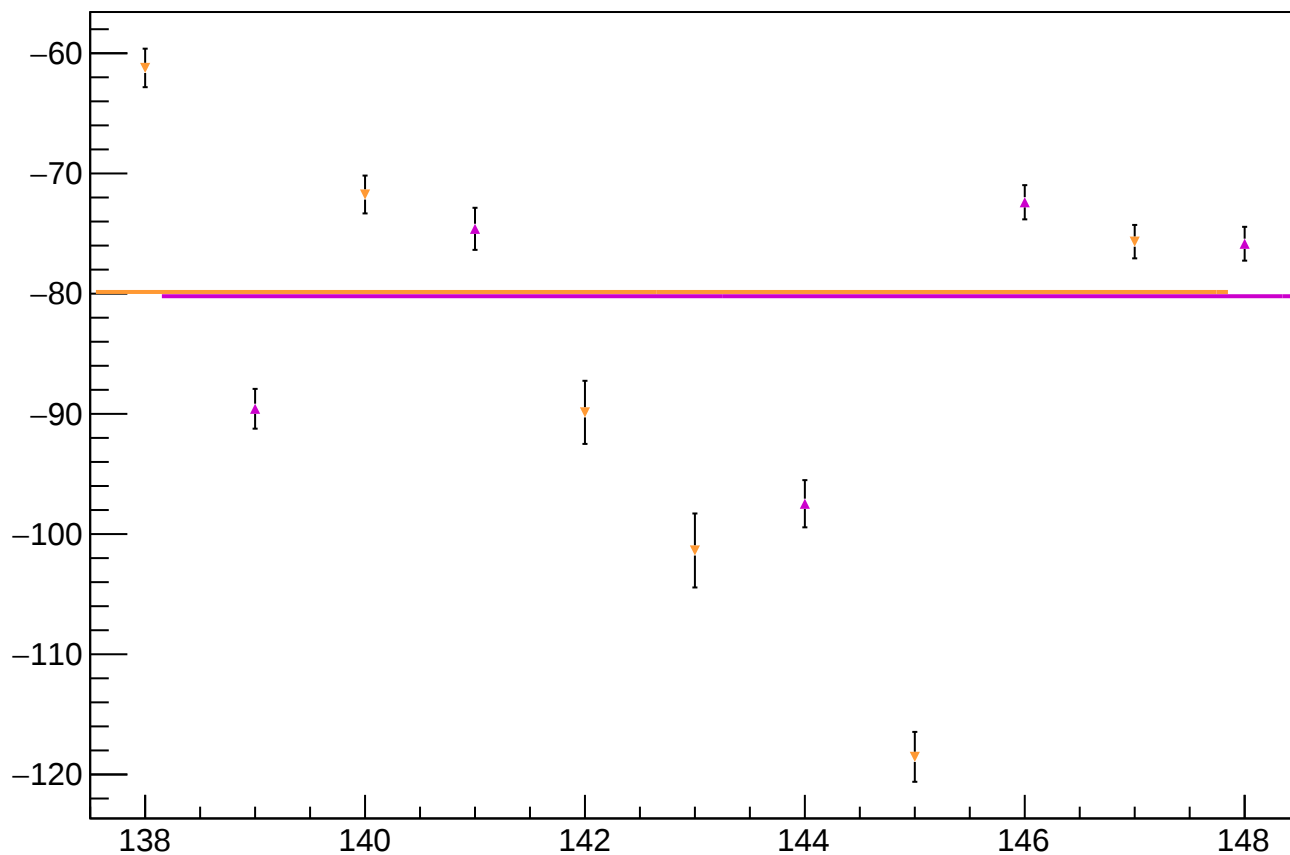
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.005 $\pm$ 0.002 χ^2 /NDF: 41.6/21

Out: 0.005 $\pm$ 0.002 χ^2 /NDF: 10461.0/24

All: 0.005 $\pm$ 0.001 χ^2 /NDF: 10502.5/46

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: -79.859+/-0.747 χ^2/NDF :581.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -80.213+/-0.716 χ^2/NDF :159.4/4

Left: -80.043+/-0.517 χ^2/NDF : 741.1/10

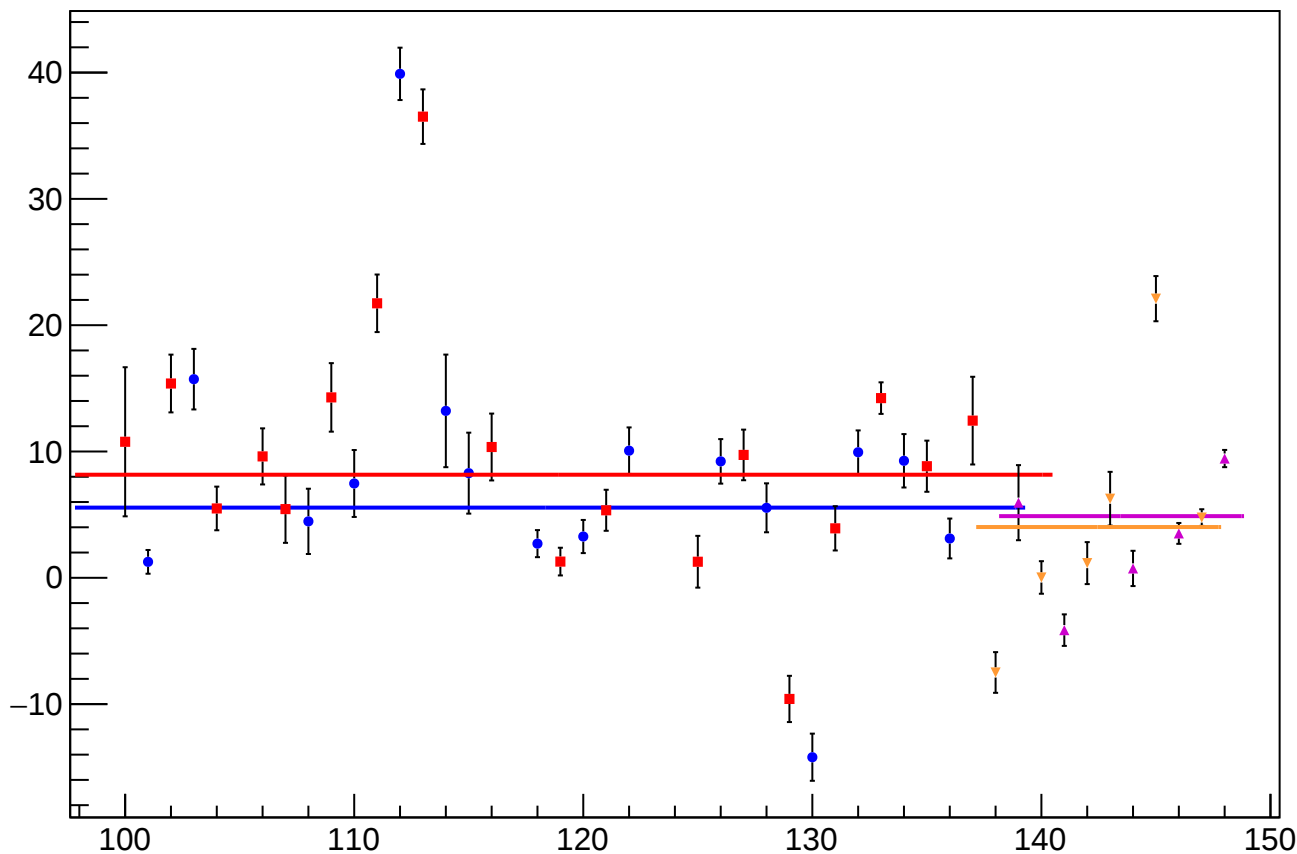
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -80.213+/-0.716 χ^2/NDF :159.4/4

Out: -79.859+/-0.747 χ^2/NDF :581.6/5

All: -80.043+/-0.517 χ^2/NDF : 741.1/10

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2 /NDF: 462.0/15

Left Out: 4.020 $\pm$ 0.489 χ^2 /NDF:168.3/5

Right Out: 8.162 $\pm$ 0.453 χ^2 /NDF: 407.0/17

Left In: 4.883 $\pm$ 0.452 χ^2 /NDF:108.6/4

Left: 4.485 $\pm$ 0.332 χ^2 /NDF: 278.6/10

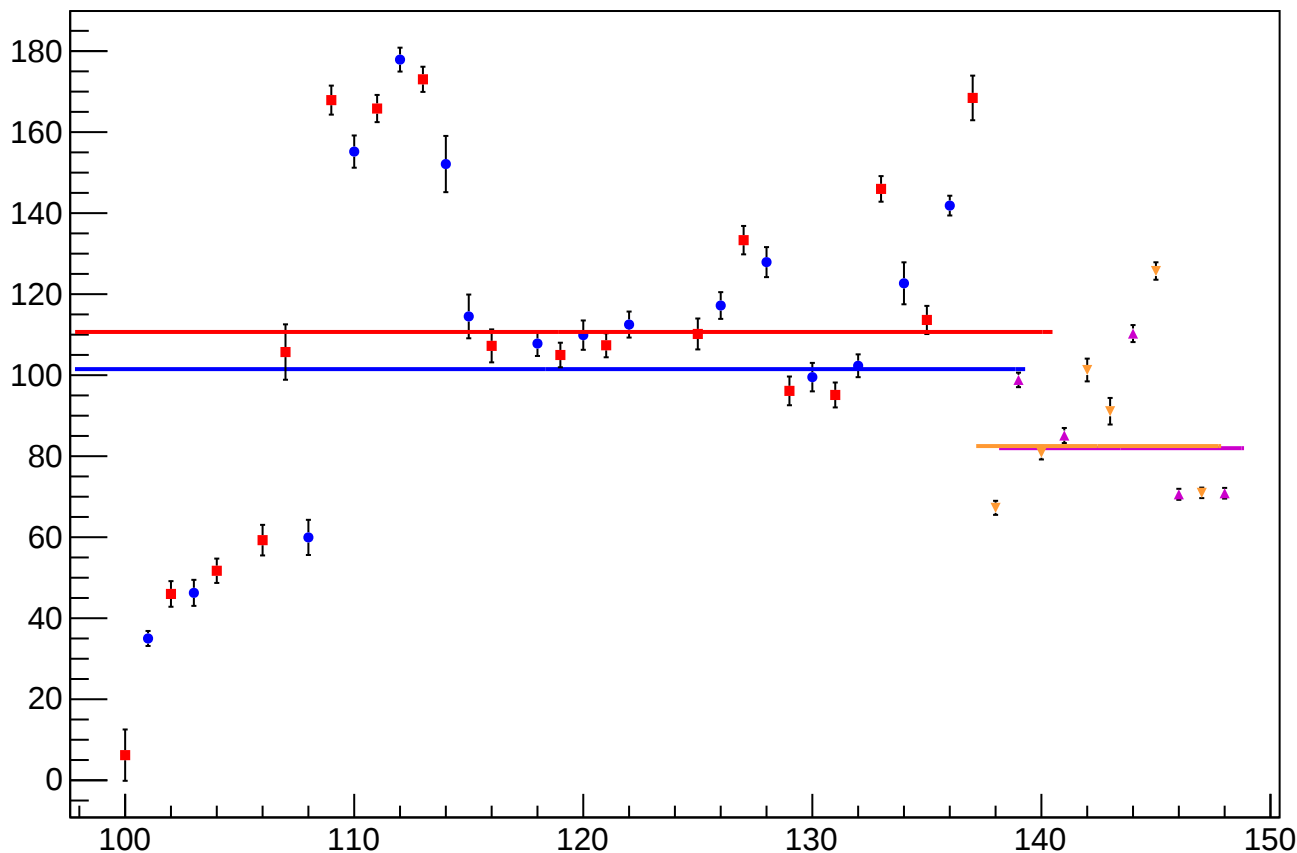
Right: 6.774 $\pm$ 0.310 χ^2 /NDF: 886.6/33

In: 5.242 $\pm$ 0.309 χ^2 /NDF:571.8/20

Out: 6.248 $\pm$ 0.332 χ^2 /NDF:613.9/23

All: 5.709 $\pm$ 0.226 χ^2 /NDF: 1190.6/44

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496+/-0.808 χ^2/NDF : 2973.0/15

Left Out: 82.501+/-0.763 χ^2/NDF :611.0/5

Right Out: 110.670+/-0.836 χ^2/NDF : 2513.7/17

Left In: 81.980+/-0.717 χ^2/NDF :414.1/4

Left: 82.224+/-0.523 χ^2/NDF : 1025.4/10

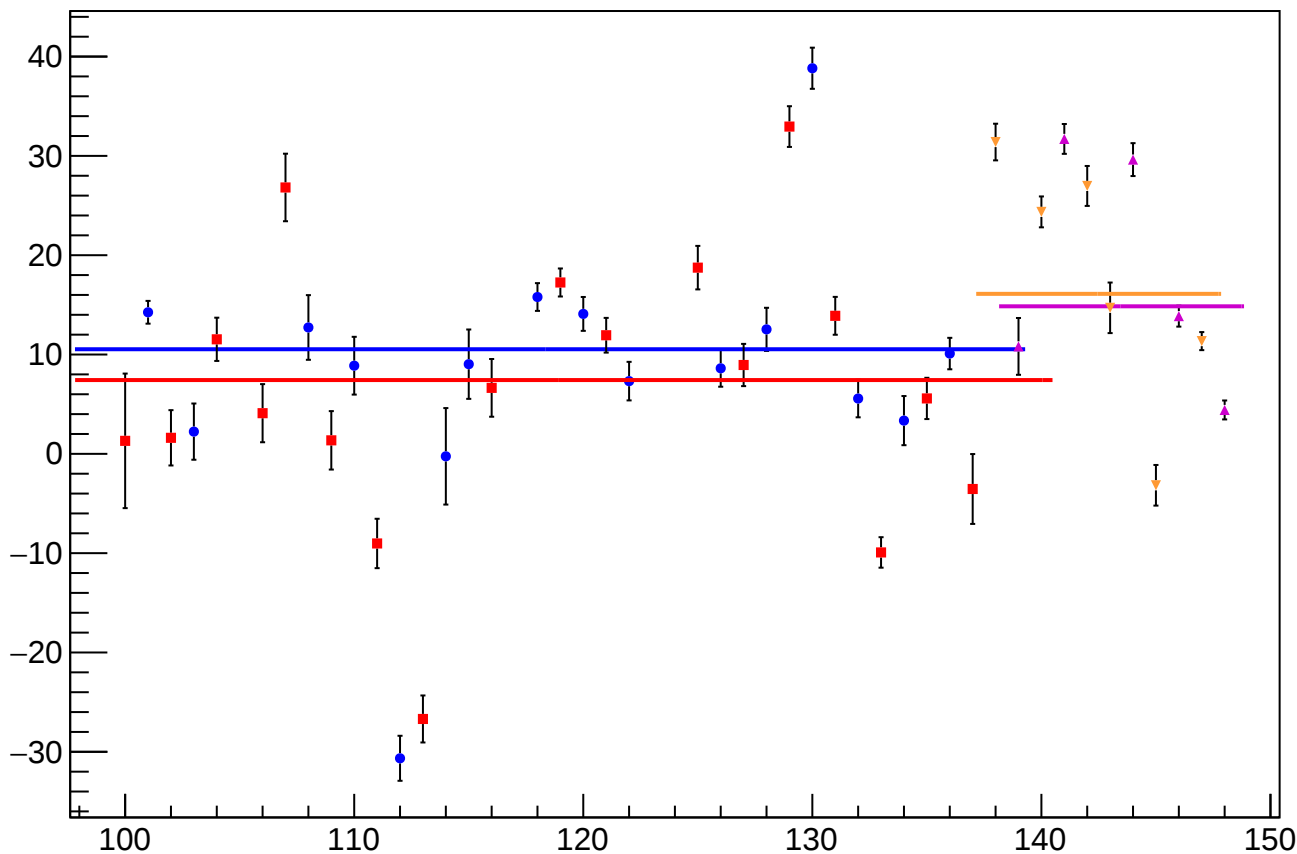
Right: 105.929+/-0.581 χ^2/NDF : 5549.0/33

In: 90.580+/-0.537 χ^2/NDF :3713.2/20

Out: 95.313+/-0.564 χ^2/NDF :3744.0/23

All: 92.830+/-0.389 χ^2/NDF : 7494.2/44

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: 16.109 $\pm$ 0.625 χ^2 /NDF: 242.4/5

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 14.855 $\pm$ 0.585 χ^2 /NDF: 327.9/4

Left: 15.440 $\pm$ 0.427 χ^2 /NDF: 572.5/10

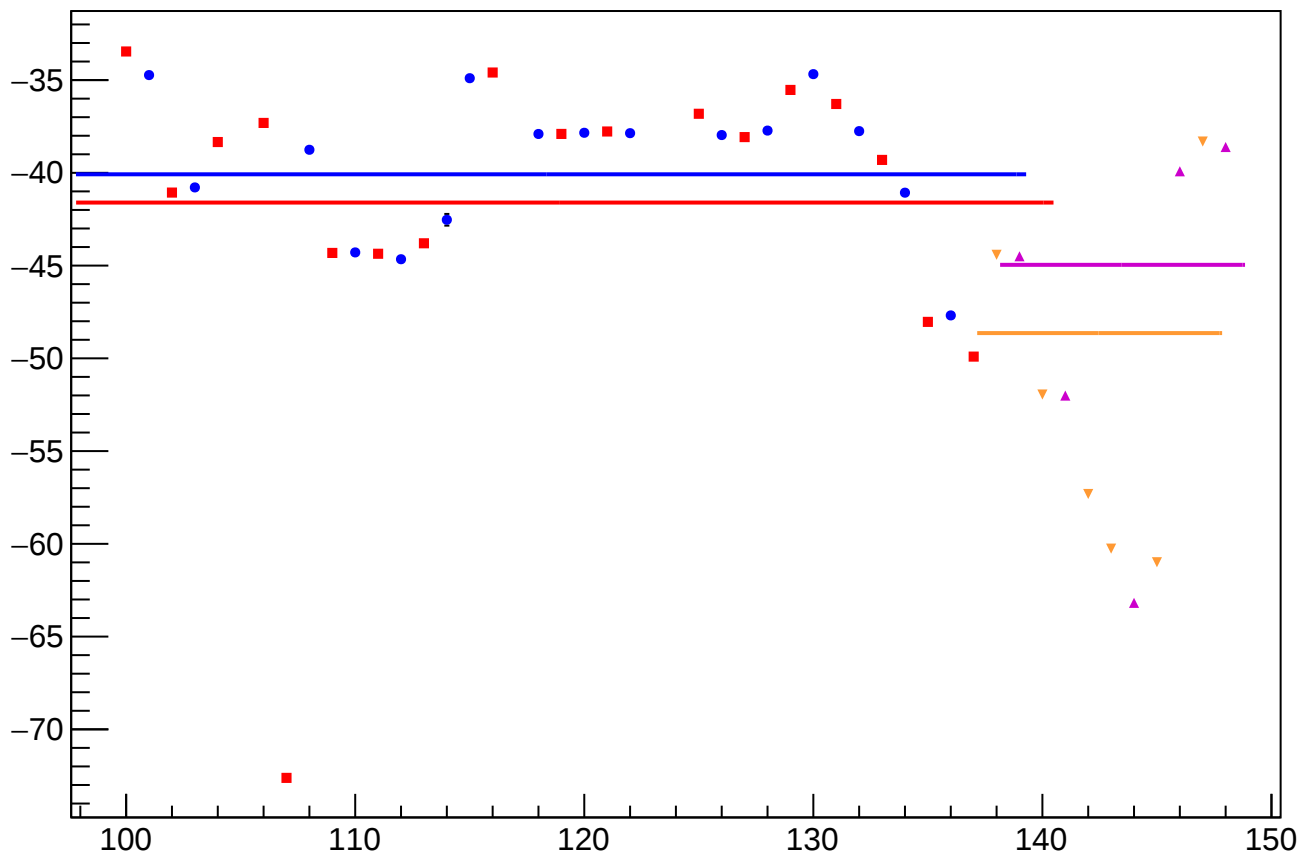
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 12.327 $\pm$ 0.377 χ^2 /NDF: 940.2/20

Out: 11.007 $\pm$ 0.401 χ^2 /NDF: 1041.5/23

All: 11.708 $\pm$ 0.275 χ^2 /NDF: 1987.4/44

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: -48.639 ± 0.033 $\chi^2/\text{NDF}: 68950.4/5$

Right Out: -41.602 ± 0.029 $\chi^2/\text{NDF}: 61856.4/17$

Left In: -44.959 ± 0.030 $\chi^2/\text{NDF}: 67079.3/4$

Left: -46.642 ± 0.022 $\chi^2/\text{NDF}: 142927.6/10$

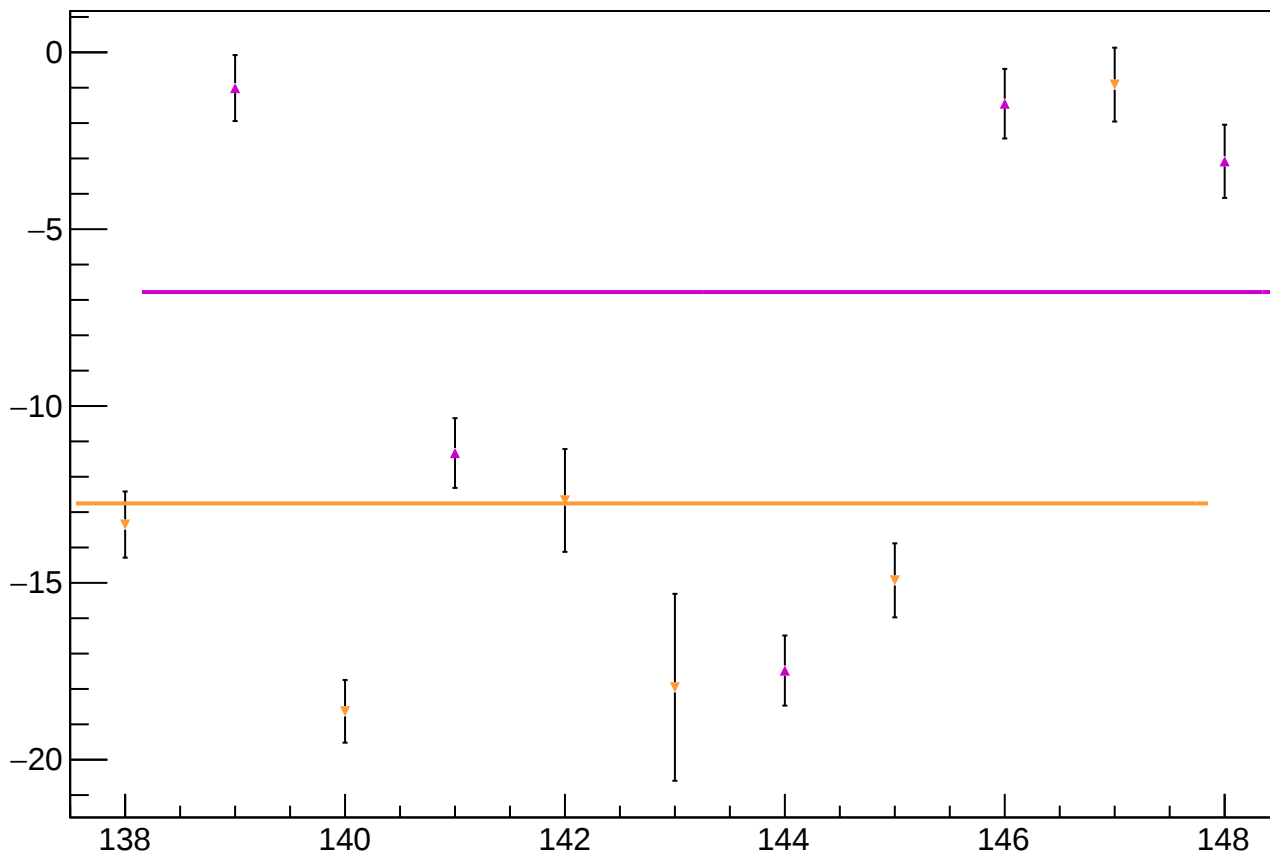
Right: -40.831 ± 0.020 $\chi^2/\text{NDF}: 88443.2/33$

In: -42.374 ± 0.021 $\chi^2/\text{NDF}: 106289.4/20$

Out: -44.655 ± 0.021 $\chi^2/\text{NDF}: 157123.3/23$

All: -43.463 ± 0.015 $\chi^2/\text{NDF}: 269300.1/44$

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -12.753 $\pm$ 0.454 χ^2 /NDF:181.1/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -6.777 $\pm$ 0.440 χ^2 /NDF:218.1/4

Left: -9.676 $\pm$ 0.316 χ^2 /NDF: 488.6/10

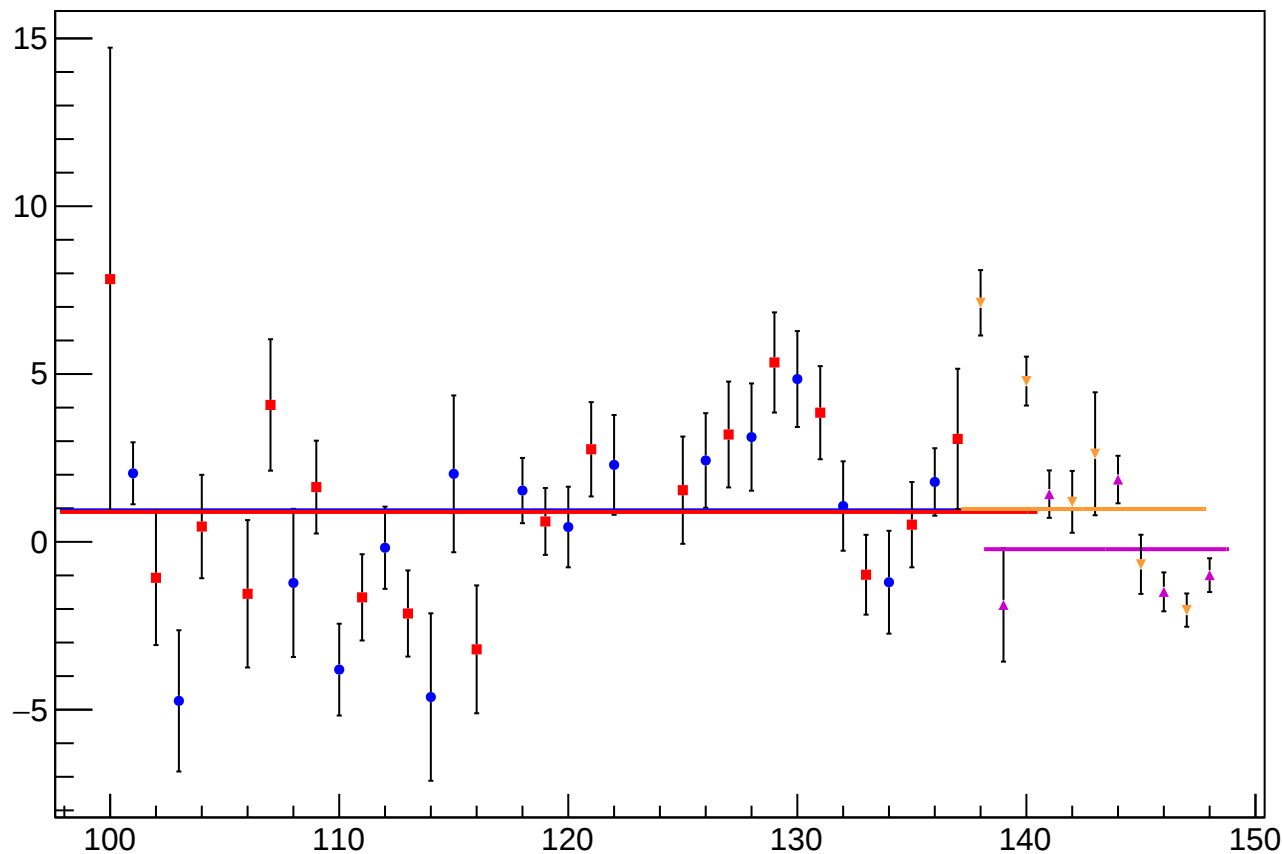
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -6.777 $\pm$ 0.440 χ^2 /NDF:218.1/4

Out: -12.753 $\pm$ 0.454 χ^2 /NDF:181.1/5

All: -9.676 $\pm$ 0.316 χ^2 /NDF: 488.6/10

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: 0.979 ± 0.320 $\chi^2/\text{NDF}: 108.4/5$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -0.218 ± 0.298 $\chi^2/\text{NDF}: 22.1/4$

Left: 0.338 ± 0.218 $\chi^2/\text{NDF}: 138.0/10$

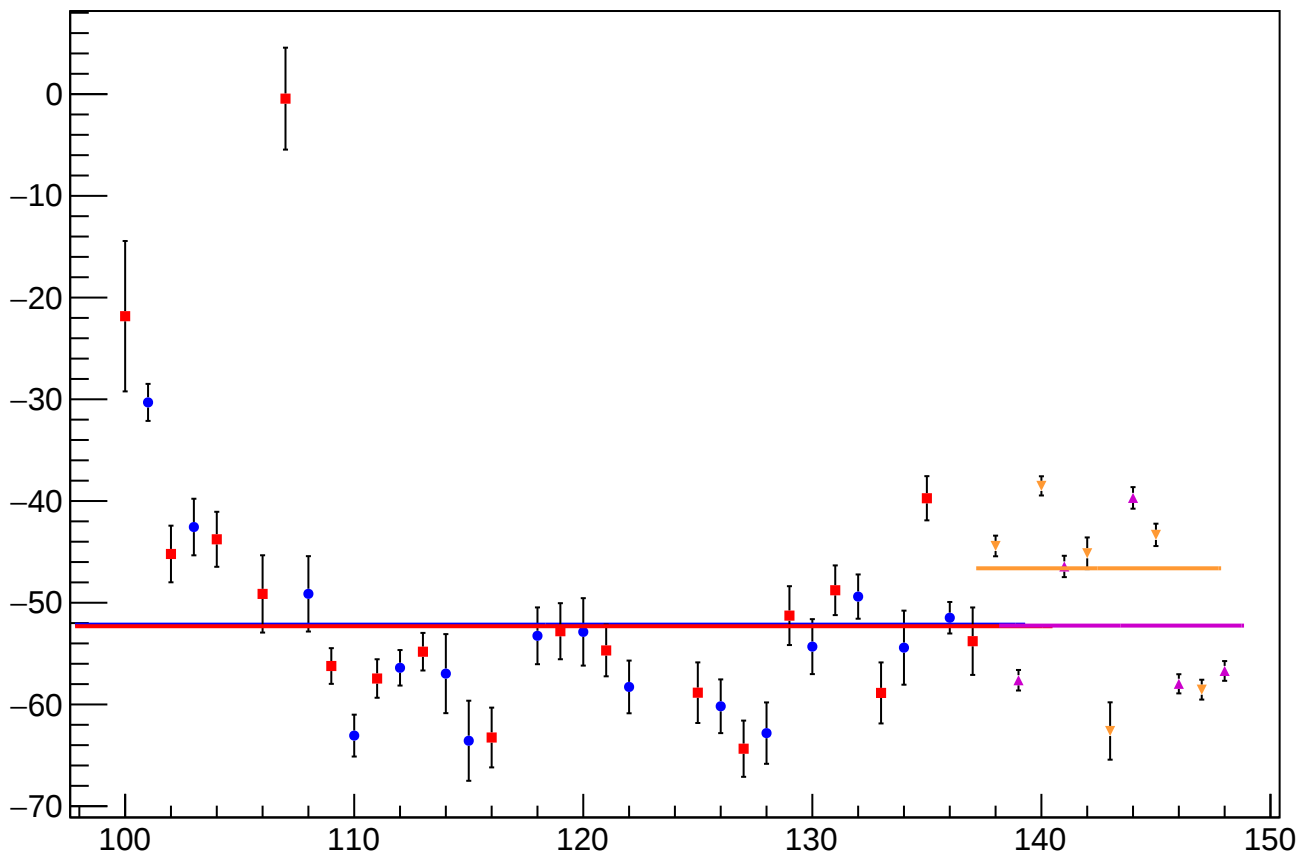
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.286 ± 0.224 $\chi^2/\text{NDF}: 70.9/20$

Out: 0.940 ± 0.237 $\chi^2/\text{NDF}: 150.0/23$

All: 0.594 ± 0.163 $\chi^2/\text{NDF}: 224.9/44$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -46.615 ± 0.471 χ^2/NDF : 269.9/5

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -52.247 ± 0.449 χ^2/NDF : 257.3/4

Left: -49.567 ± 0.325 χ^2/NDF : 602.2/10

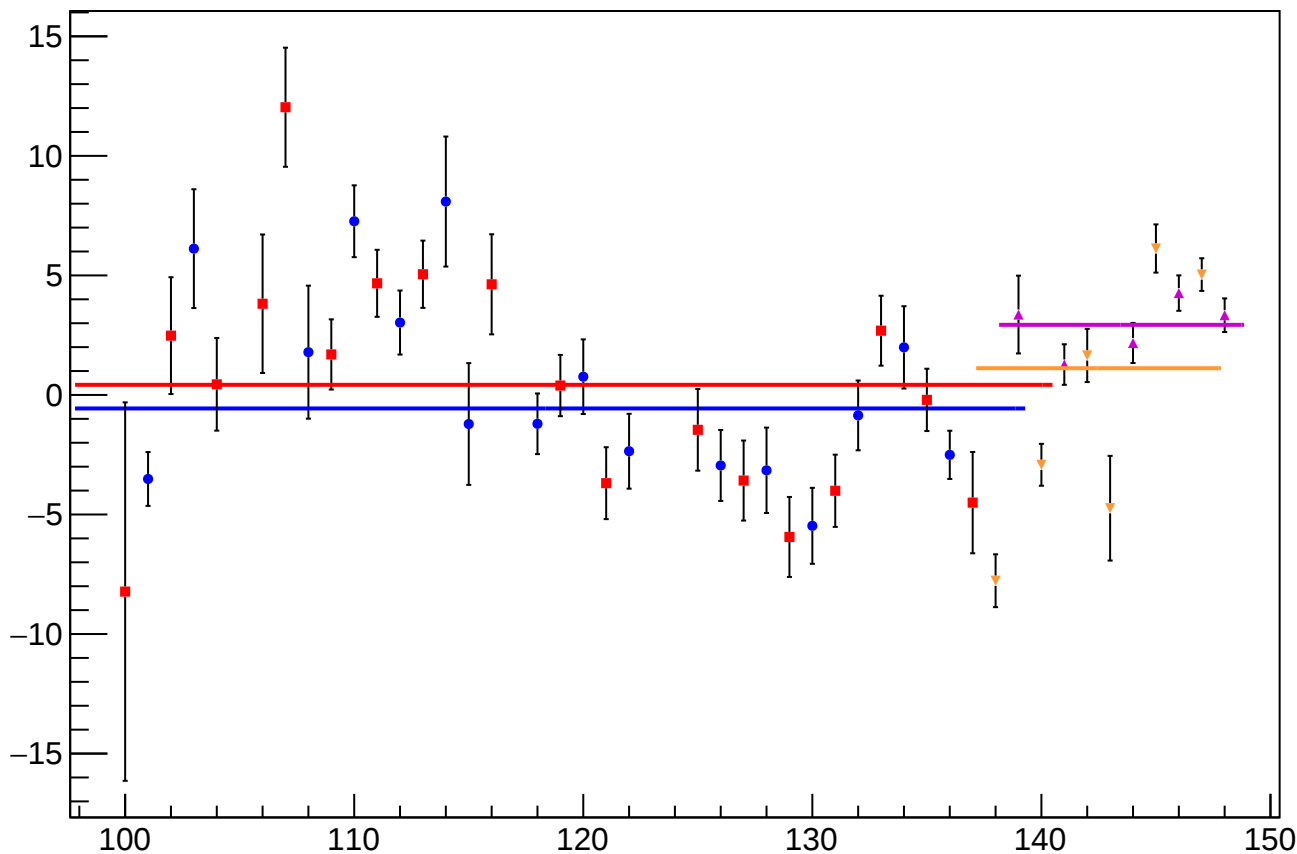
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.215 ± 0.362 χ^2/NDF : 488.4/20

Out: -48.716 ± 0.374 χ^2/NDF : 558.7/23

All: -50.523 ± 0.260 χ^2/NDF : 1092.2/44

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 $\chi^2/\text{NDF}: 81.8/15$

Left Out: 1.118 ± 0.400 $\chi^2/\text{NDF}: 150.9/5$

Right Out: 0.423 ± 0.400 $\chi^2/\text{NDF}: 95.3/17$

Left In: 2.933 ± 0.377 $\chi^2/\text{NDF}: 8.3/4$

Left: 2.078 ± 0.274 $\chi^2/\text{NDF}: 170.1/10$

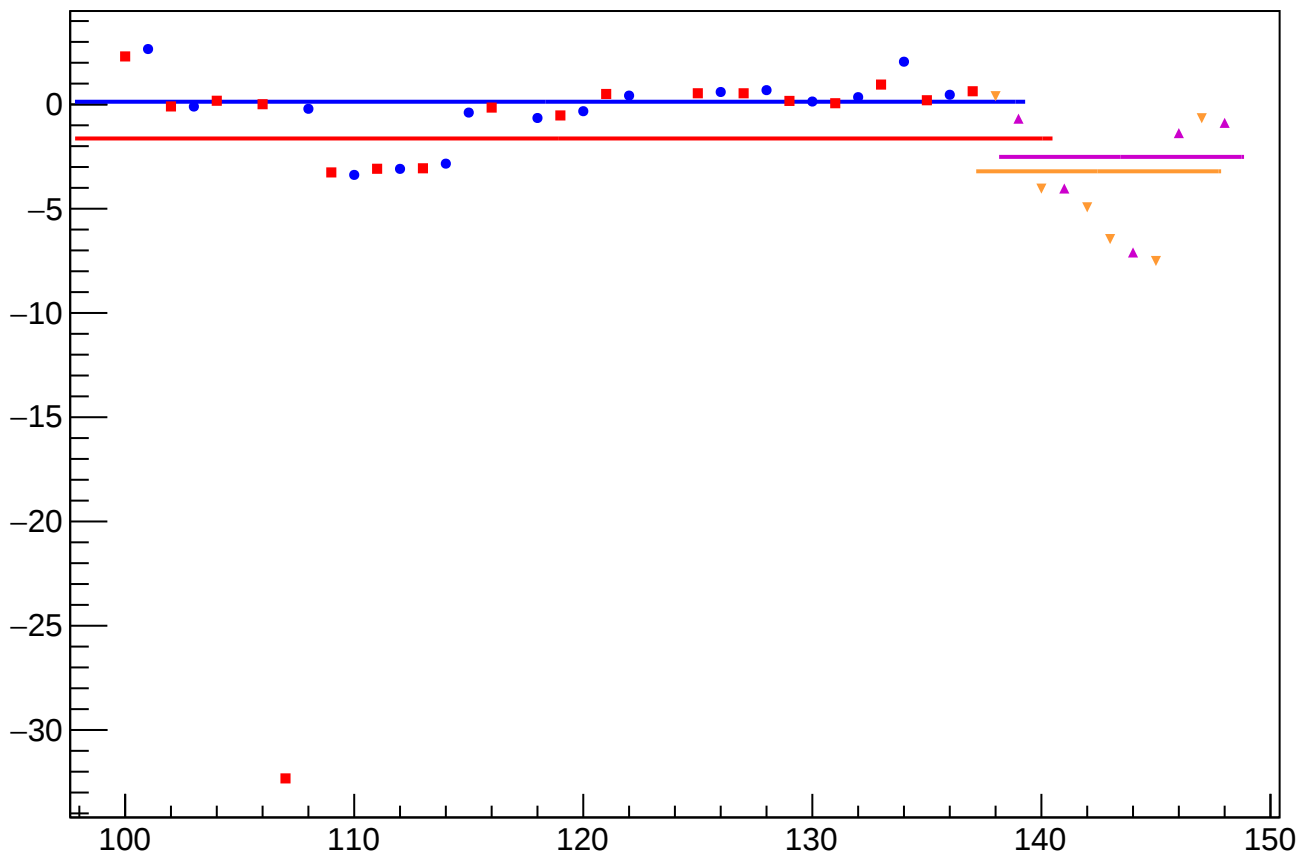
Right: -0.090 ± 0.277 $\chi^2/\text{NDF}: 180.3/33$

In: 1.218 ± 0.269 $\chi^2/\text{NDF}: 132.3/20$

Out: 0.771 ± 0.283 $\chi^2/\text{NDF}: 247.7/23$

All: 1.005 ± 0.195 $\chi^2/\text{NDF}: 381.4/44$

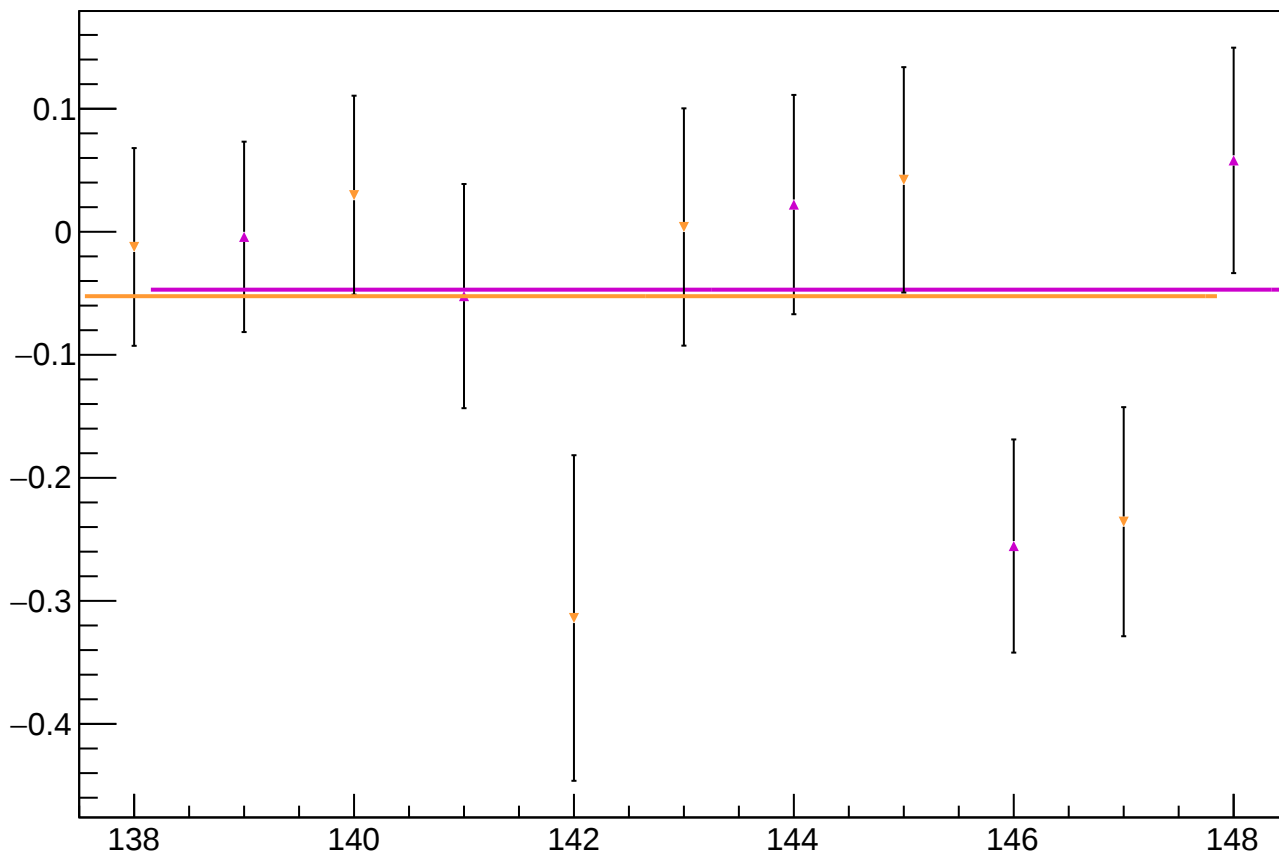
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -3.206 ± 0.020 $\chi^2/\text{NDF}: 23218.6/5$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -2.514 ± 0.019 $\chi^2/\text{NDF}: 15945.1/4$

Left: -2.839 ± 0.013 $\chi^2/\text{NDF}: 39819.3/10$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.389 ± 0.014 $\chi^2/\text{NDF}: 29858.6/20$
 Out: -2.498 ± 0.015 $\chi^2/\text{NDF}: 103963.7/23$
 All: -1.921 ± 0.010 $\chi^2/\text{NDF}: 136818.8/44$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.052 $\pm$ 0.038 χ^2 /NDF:10.5/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.047 $\pm$ 0.039 χ^2 /NDF:8.0/4

Left: -0.050 $\pm$ 0.027 χ^2 /NDF: 18.5/10

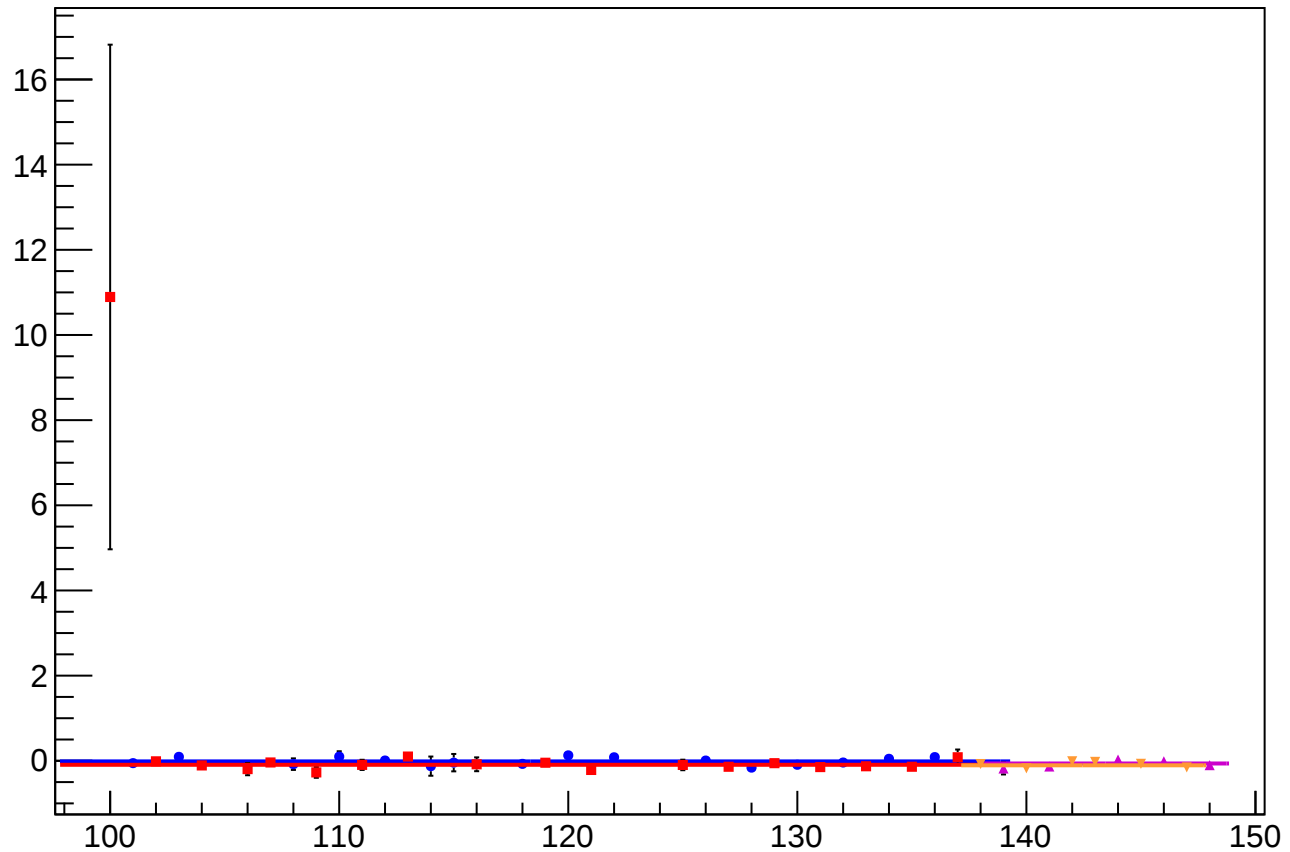
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.047 $\pm$ 0.039 χ^2 /NDF:8.0/4

Out: -0.052 $\pm$ 0.038 χ^2 /NDF:10.5/5

All: -0.050 $\pm$ 0.027 χ^2 /NDF: 18.5/10

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: -0.106 ± 0.027 χ^2/NDF : 5.4/5

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.063 ± 0.027 χ^2/NDF : 5.7/4

Left: -0.084 ± 0.019 χ^2/NDF : 12.4/10

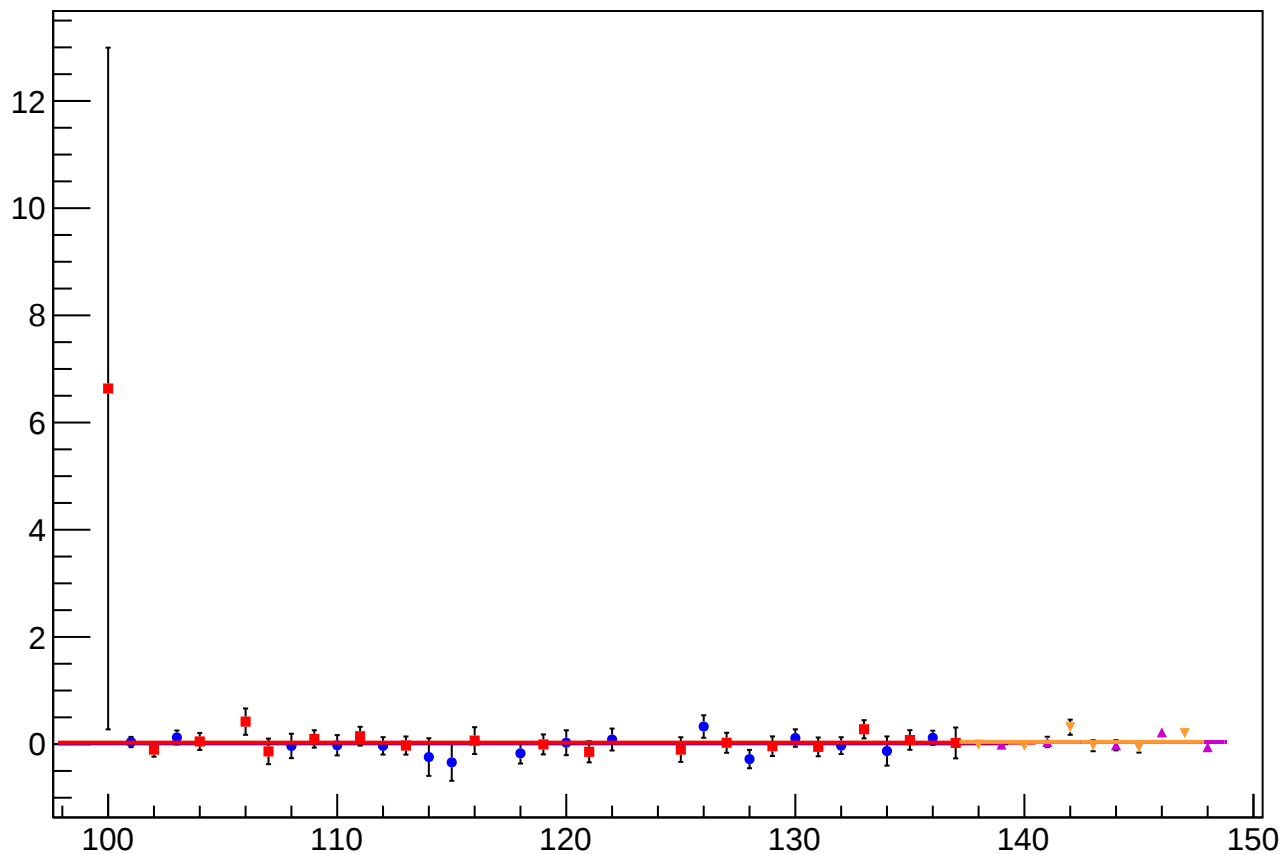
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.035 ± 0.018 χ^2/NDF : 20.1/20

Out: -0.099 ± 0.018 χ^2/NDF : 19.1/23

All: -0.066 ± 0.013 χ^2/NDF : 45.6/44

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: 0.042 $\pm$ 0.039 χ^2 /NDF:10.0/5

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: 0.039 $\pm$ 0.040 χ^2 /NDF:6.7/4

Left: 0.041 $\pm$ 0.028 χ^2 /NDF: 16.8/10

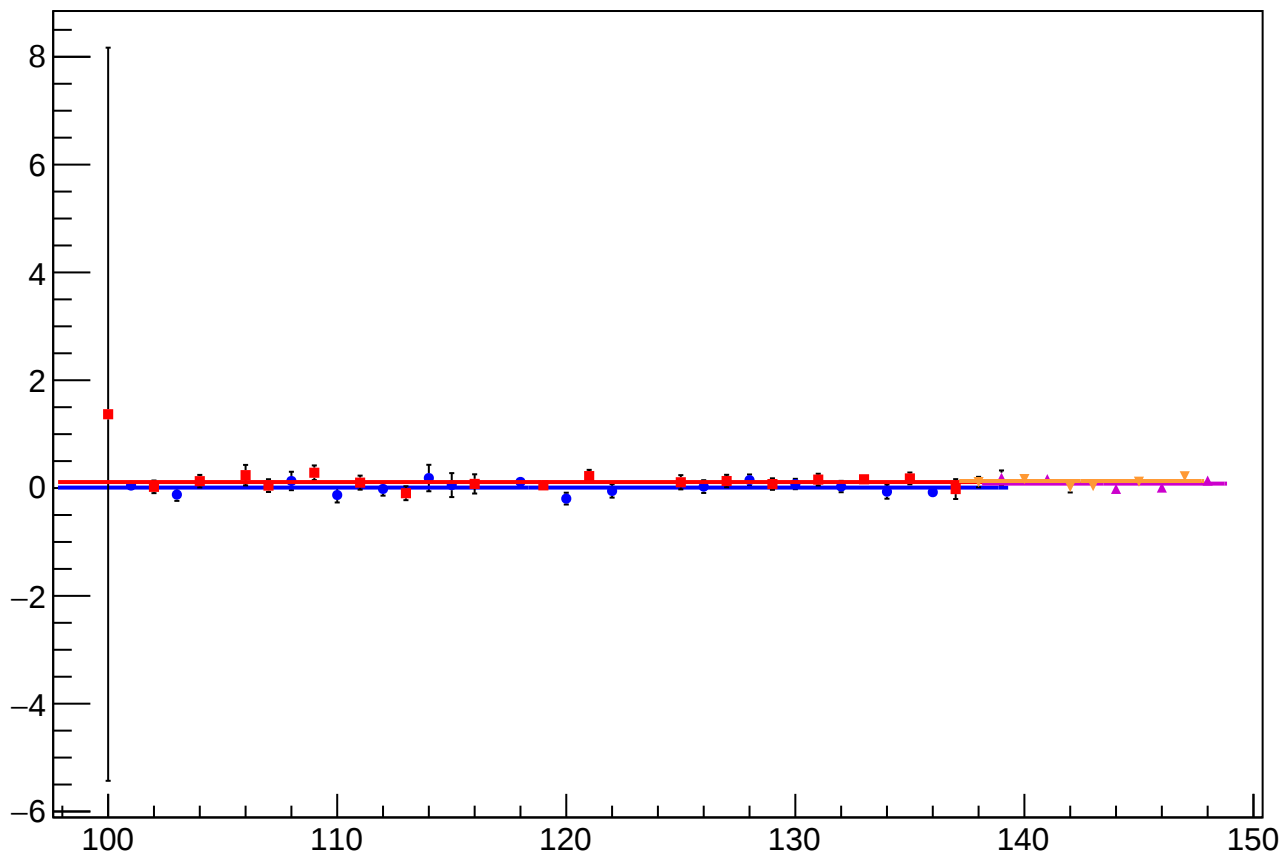
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: 0.028 $\pm$ 0.029 χ^2 /NDF:17.0/20

Out: 0.036 $\pm$ 0.030 χ^2 /NDF:19.6/23

All: 0.032 $\pm$ 0.021 χ^2 /NDF: 36.6/44

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.130 $\pm$ 0.033 χ^2 /NDF: 5.0/5

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.082 $\pm$ 0.034 χ^2 /NDF: 5.6/4

Left: 0.107 $\pm$ 0.024 χ^2 /NDF: 11.6/10

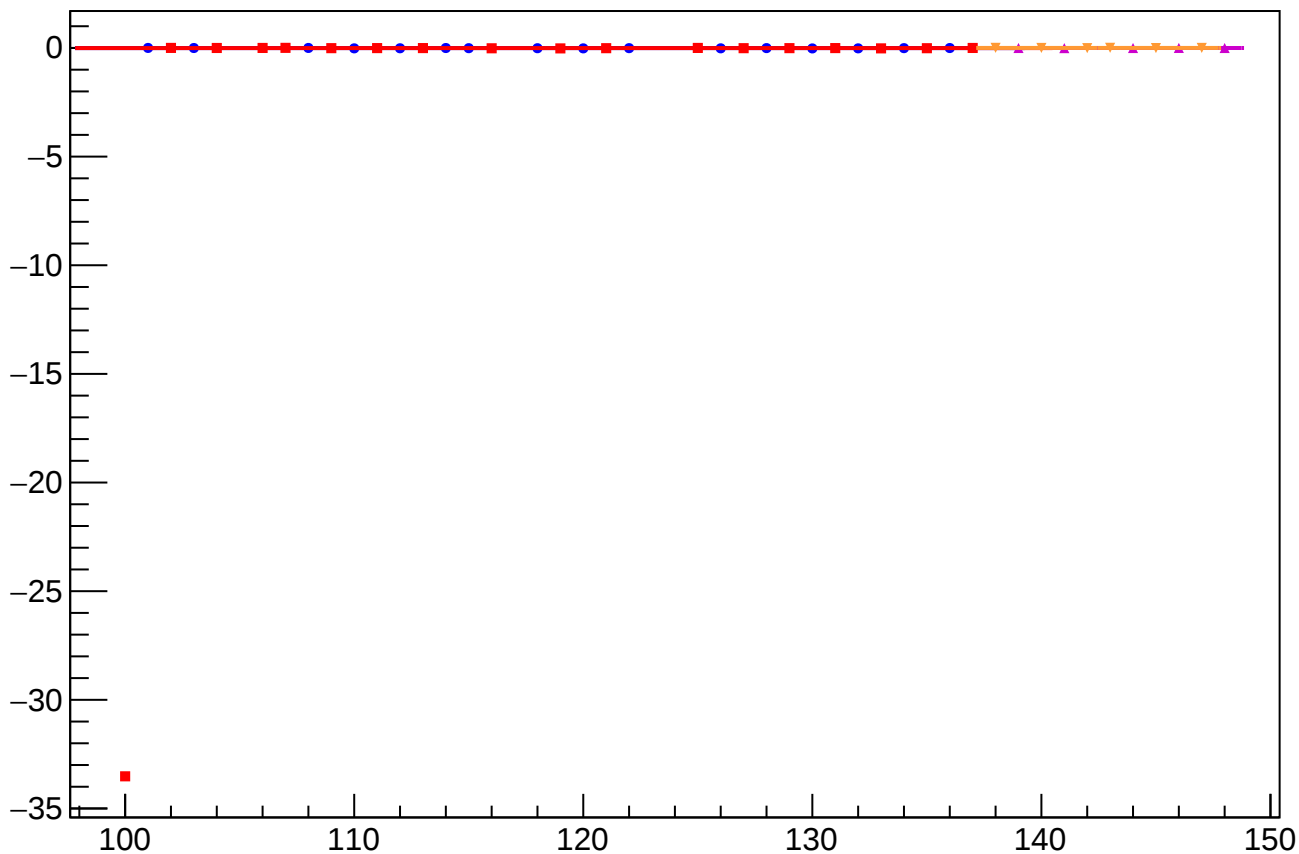
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.037 $\pm$ 0.021 χ^2 /NDF: 21.1/20

Out: 0.119 $\pm$ 0.022 χ^2 /NDF: 13.8/23

All: 0.077 $\pm$ 0.015 χ^2 /NDF: 42.3/44

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.002 χ^2/NDF : 8.3/5

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: -0.002 ± 0.002 χ^2/NDF : 3.0/4

Left: -0.000 ± 0.001 χ^2/NDF : 13.1/10

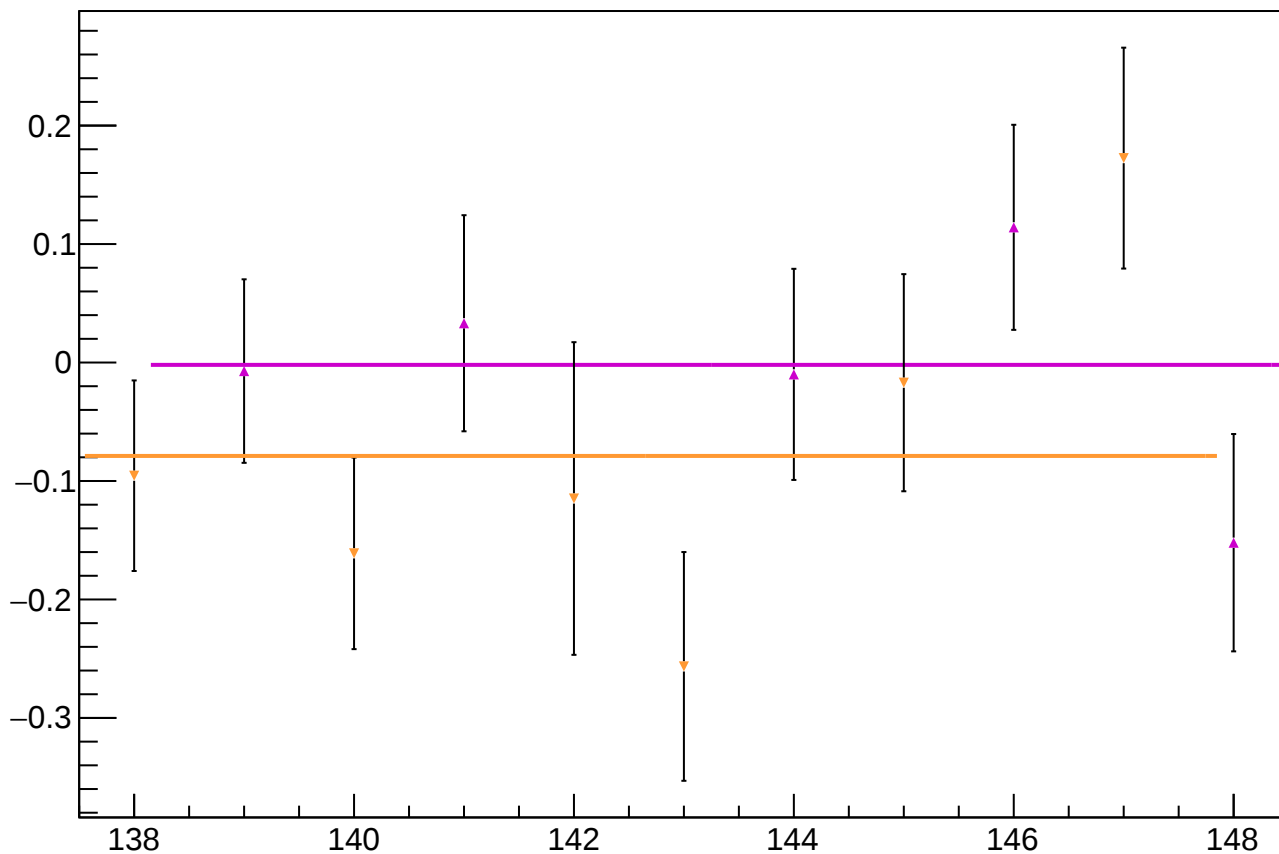
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.004 ± 0.001 χ^2/NDF : 28.1/20

Out: -0.003 ± 0.001 χ^2/NDF : 26528.1/23

All: -0.003 ± 0.001 χ^2/NDF : 26556.8/44

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: -0.079 $\pm$ 0.038 χ^2 /NDF:12.3/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.002 $\pm$ 0.039 χ^2 /NDF:4.6/4

Left: -0.042 $\pm$ 0.027 χ^2 /NDF: 18.9/10

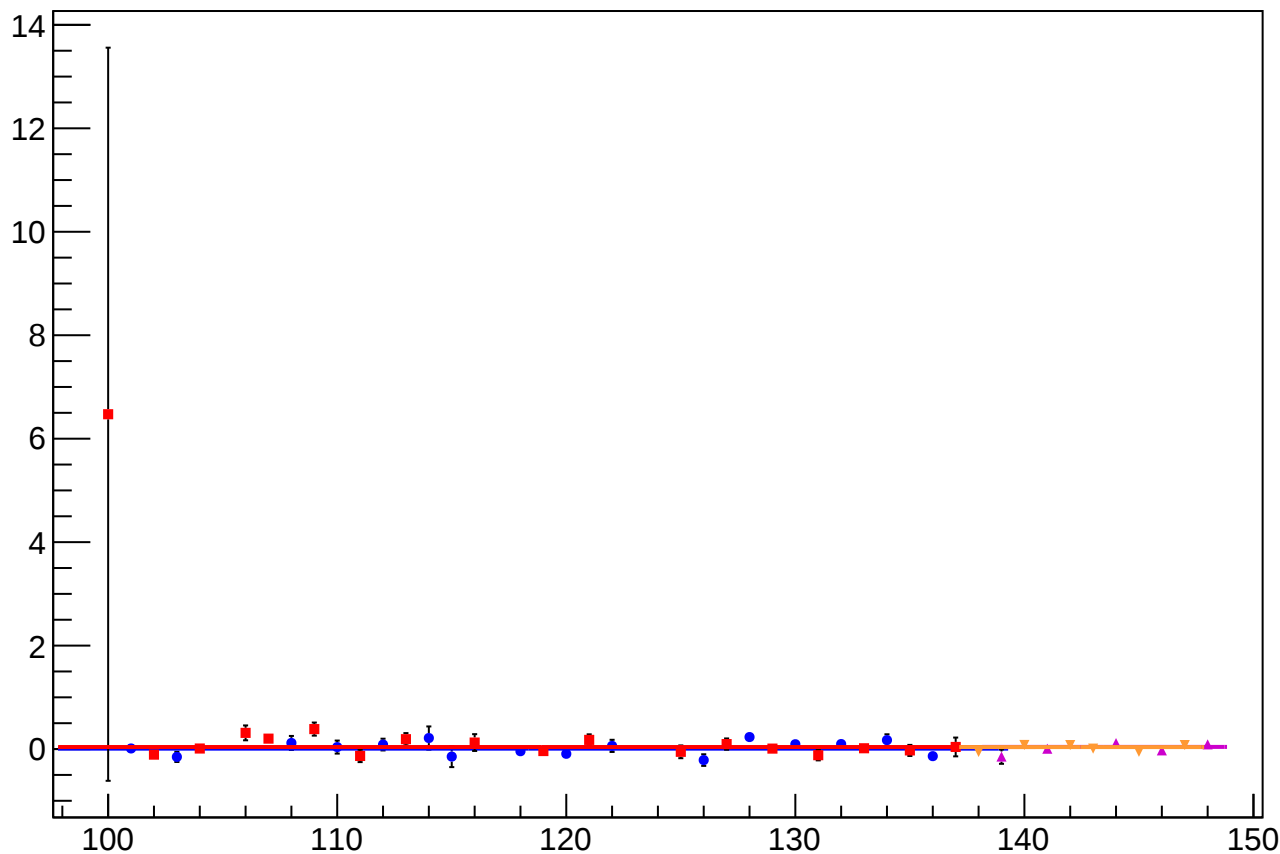
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.002 $\pm$ 0.039 χ^2 /NDF:4.6/4

Out: -0.079 $\pm$ 0.038 χ^2 /NDF:12.3/5

All: -0.042 $\pm$ 0.027 χ^2 /NDF: 18.9/10

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: 0.038 $\pm$ 0.027 χ^2 /NDF:4.1/5

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.042 $\pm$ 0.027 χ^2 /NDF:6.3/4

Left: 0.040 $\pm$ 0.019 χ^2 /NDF: 10.5/10

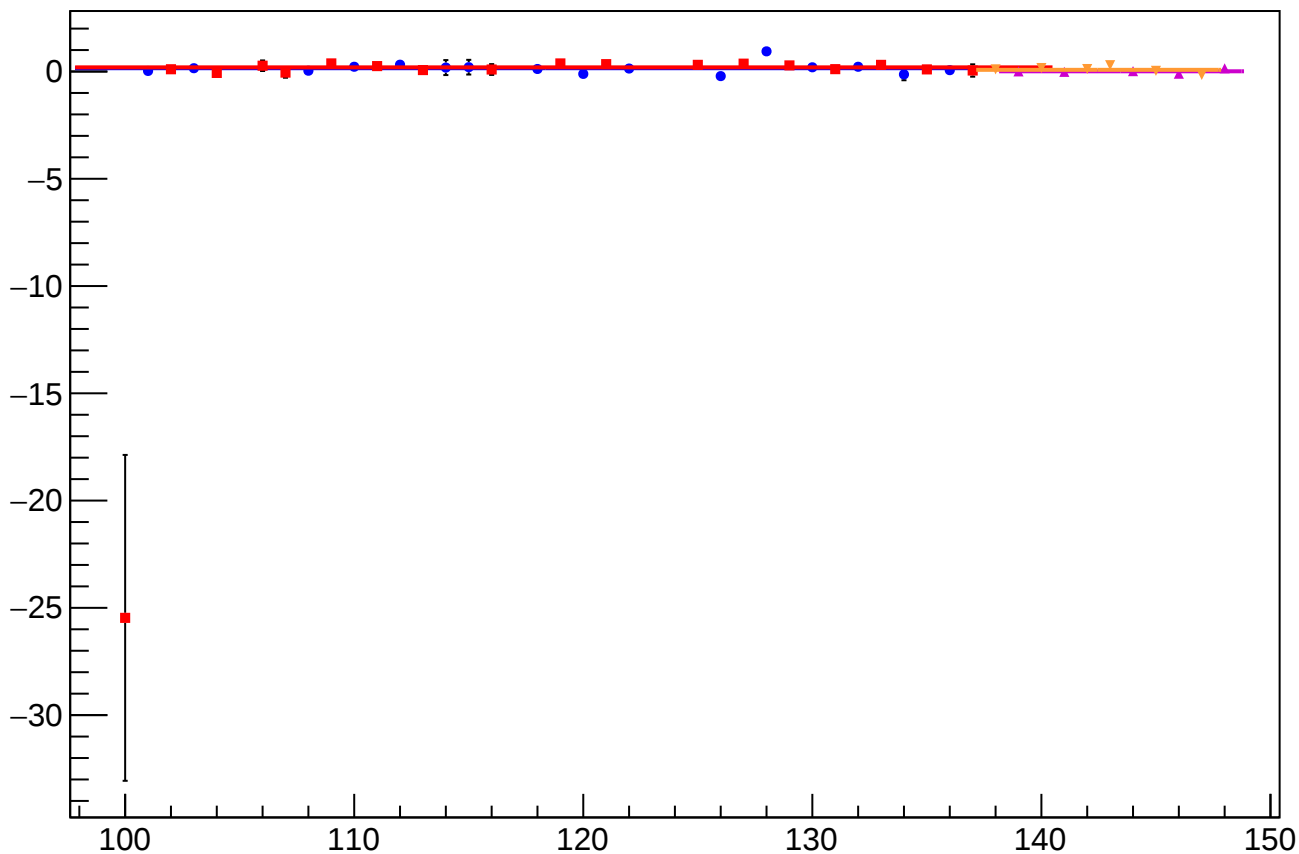
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.023 $\pm$ 0.018 χ^2 /NDF:30.9/20

Out: 0.039 $\pm$ 0.018 χ^2 /NDF:32.6/23

All: 0.031 $\pm$ 0.013 χ^2 /NDF: 63.9/44

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: 0.078+/-0.039 χ^2/NDF :13.2/5

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.010+/-0.040 χ^2/NDF :4.5/4

Left: 0.044+/-0.028 χ^2/NDF : 19.2/10

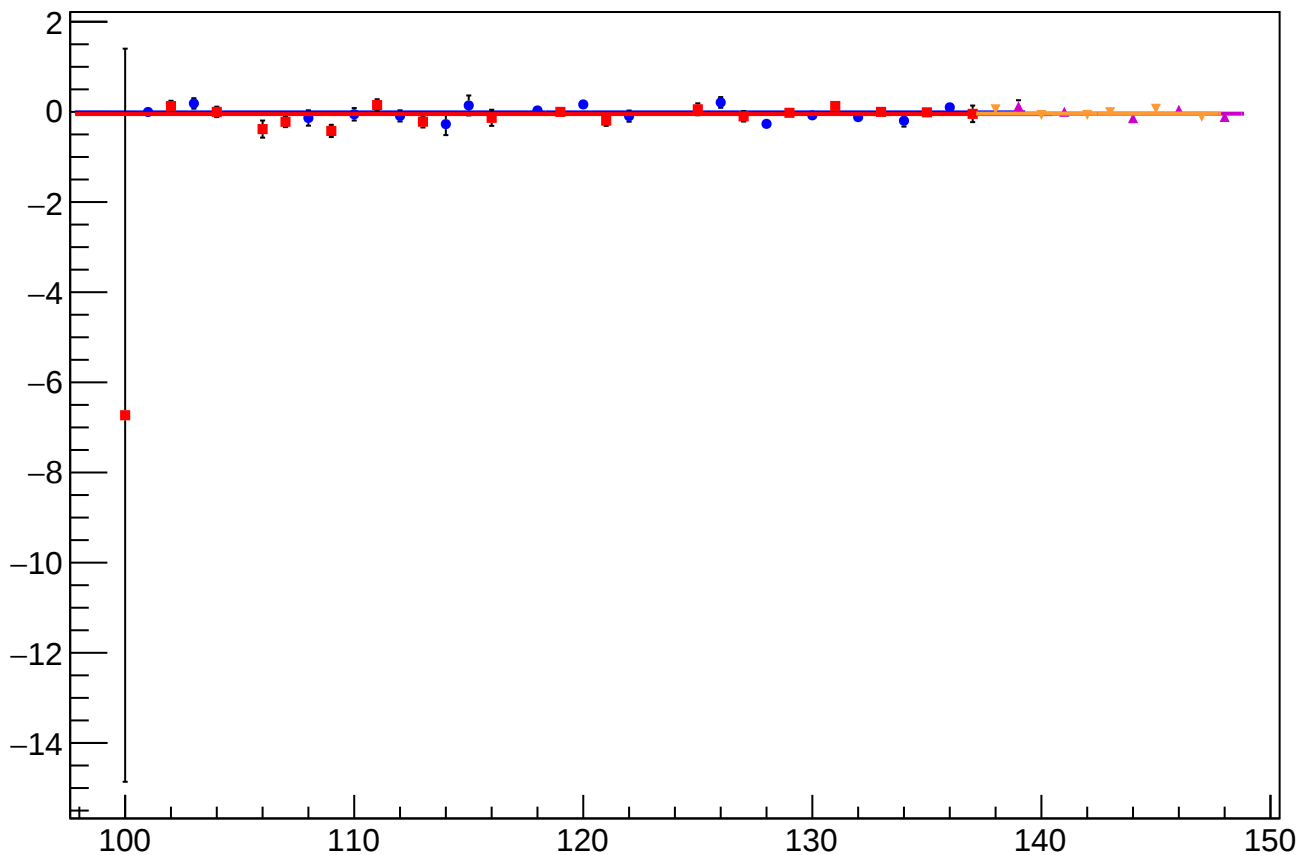
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.076+/-0.029 χ^2/NDF :41.1/20

Out: 0.128+/-0.030 χ^2/NDF :38.9/23

All: 0.101+/-0.021 χ^2/NDF : 81.6/44

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: -0.037 ± 0.033 χ^2/NDF : 4.2/5

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.039 ± 0.034 χ^2/NDF : 6.6/4

Left: -0.038 ± 0.024 χ^2/NDF : 10.8/10

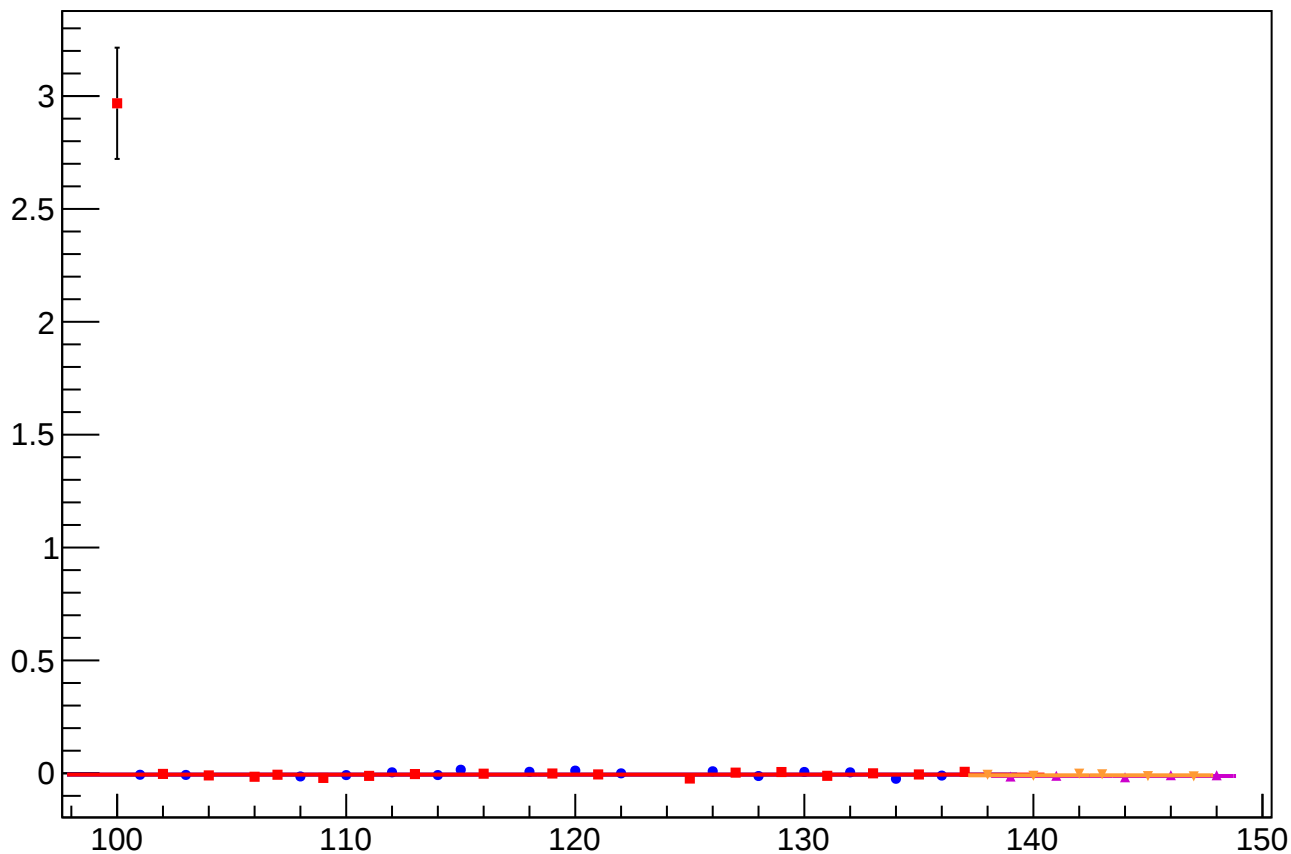
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.022 ± 0.021 χ^2/NDF : 30.5/20

Out: -0.043 ± 0.022 χ^2/NDF : 30.5/23

All: -0.032 ± 0.015 χ^2/NDF : 61.5/44

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.002 χ^2/NDF : 5.8/5

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.012 ± 0.002 χ^2/NDF : 4.1/4

Left: -0.011 ± 0.001 χ^2/NDF : 11.8/10

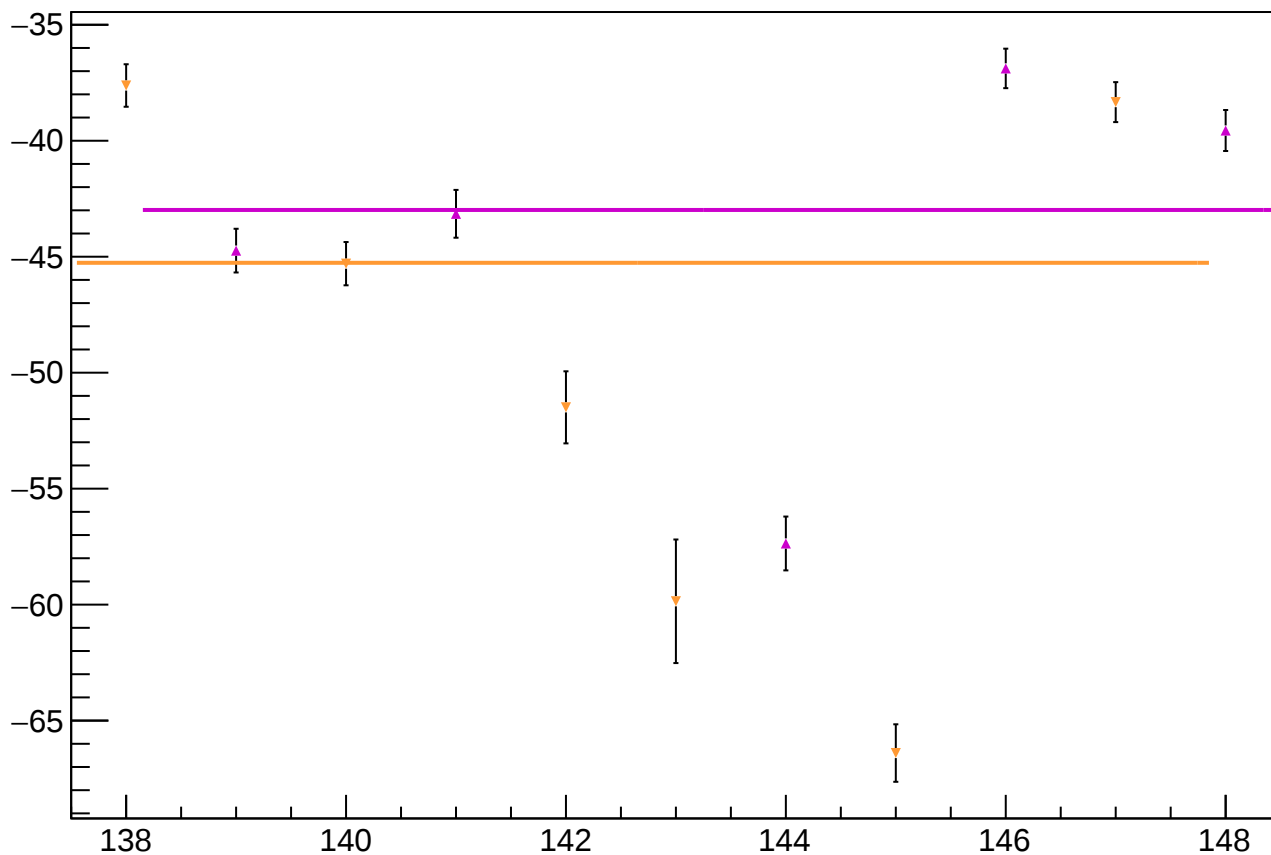
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 40.9/20

Out: -0.007 ± 0.001 χ^2/NDF : 173.1/23

All: -0.008 ± 0.001 χ^2/NDF : 214.9/44

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: -45.262+/-0.452 χ^2/NDF : 471.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.984+/-0.428 χ^2/NDF : 223.5/4

Left: -44.060+/-0.311 χ^2/NDF : 708.0/10

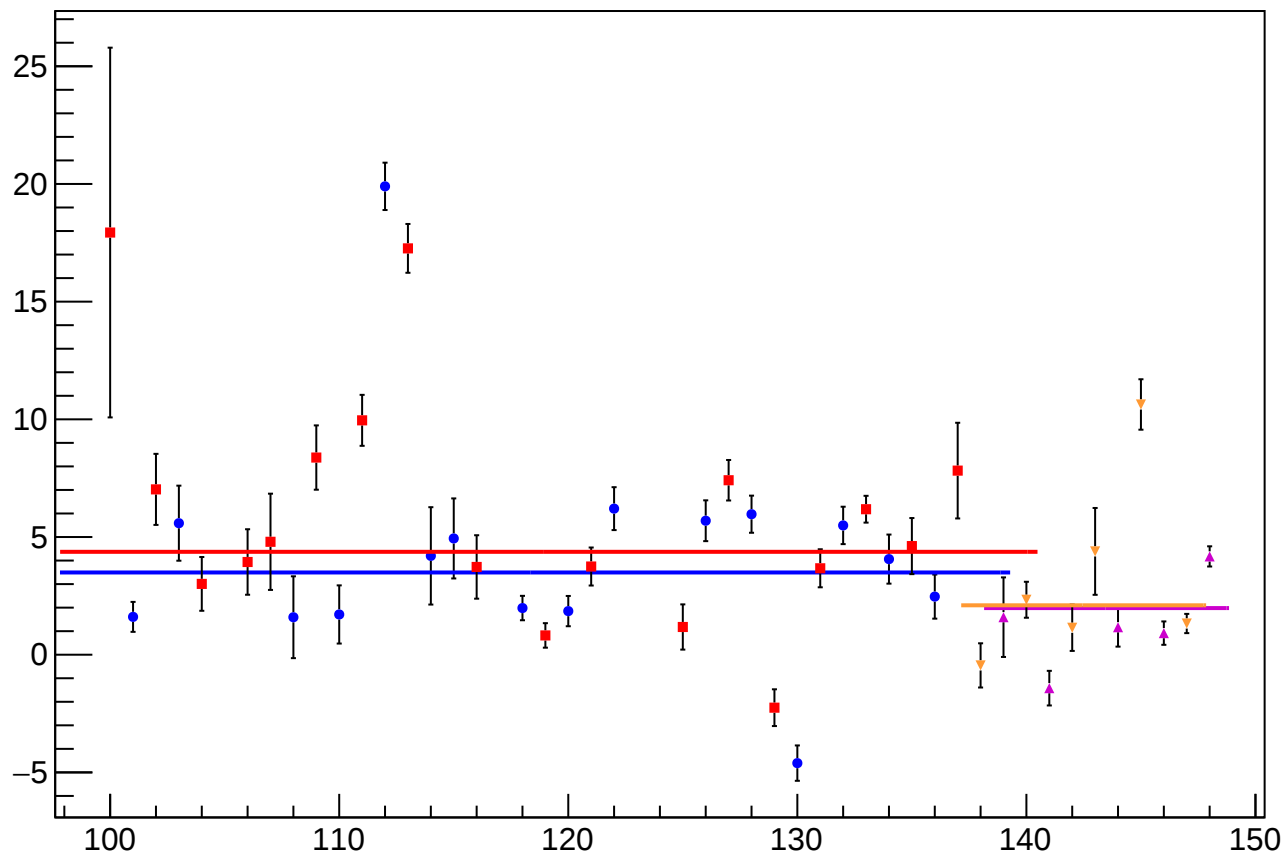
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.984+/-0.428 χ^2/NDF : 223.5/4

Out: -45.262+/-0.452 χ^2/NDF : 471.1/5

All: -44.060+/-0.311 χ^2/NDF : 708.0/10

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 2.099 ± 0.301 $\chi^2/\text{NDF}: 77.0/5$

Right Out: 4.372 ± 0.225 $\chi^2/\text{NDF}: 354.0/17$

Left In: 1.981 ± 0.276 $\chi^2/\text{NDF}: 53.2/4$

Left: 2.035 ± 0.203 $\chi^2/\text{NDF}: 130.2/10$

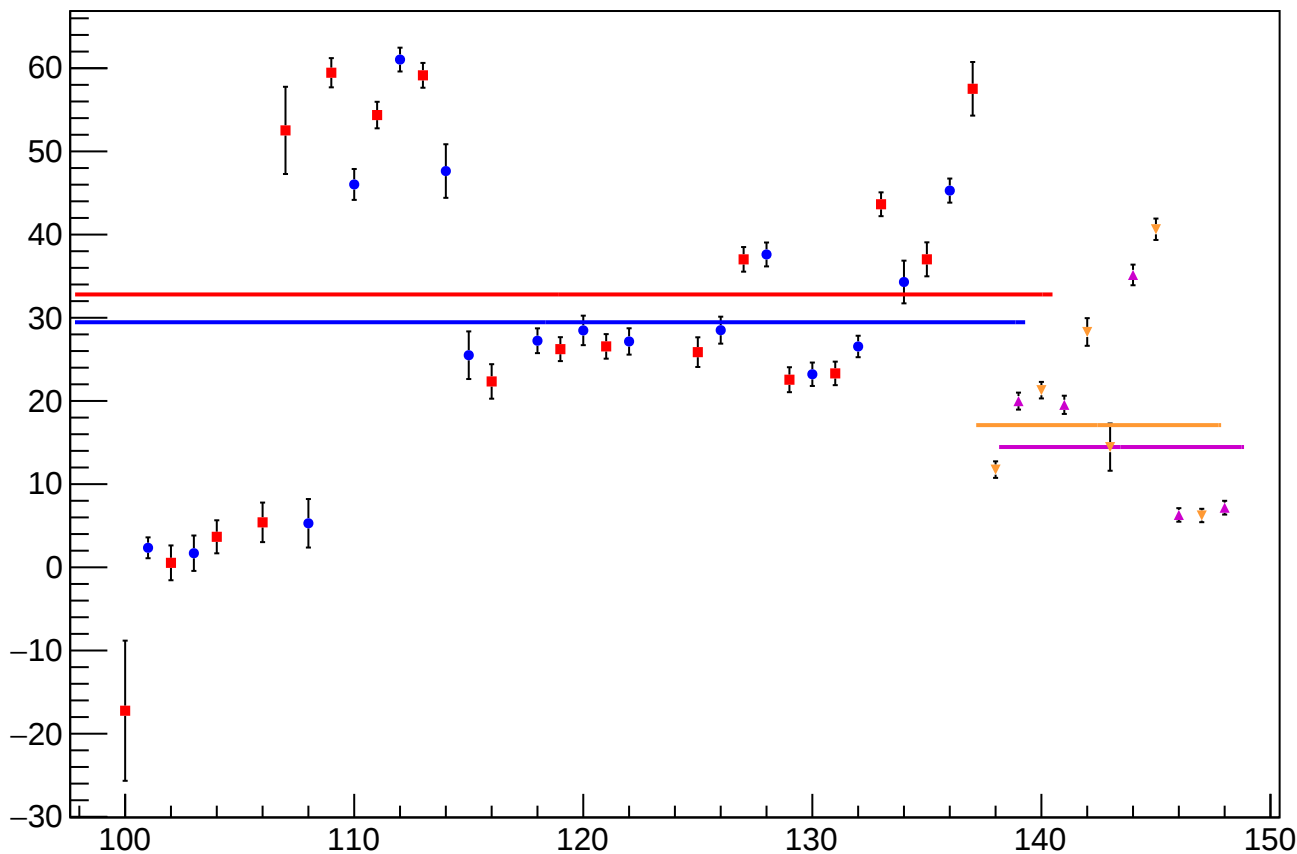
Right: 3.918 ± 0.157 $\chi^2/\text{NDF}: 806.7/33$

In: 2.913 ± 0.171 $\chi^2/\text{NDF}: 516.6/20$

Out: 3.556 ± 0.180 $\chi^2/\text{NDF}: 467.4/23$

All: 3.217 ± 0.124 $\chi^2/\text{NDF}: 990.8/44$

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: 17.096 $\pm$ 0.463 χ^2 /NDF:610.5/5

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 14.463 $\pm$ 0.430 χ^2 /NDF:506.8/4

Left: 15.682 $\pm$ 0.315 χ^2 /NDF: 1134.6/10

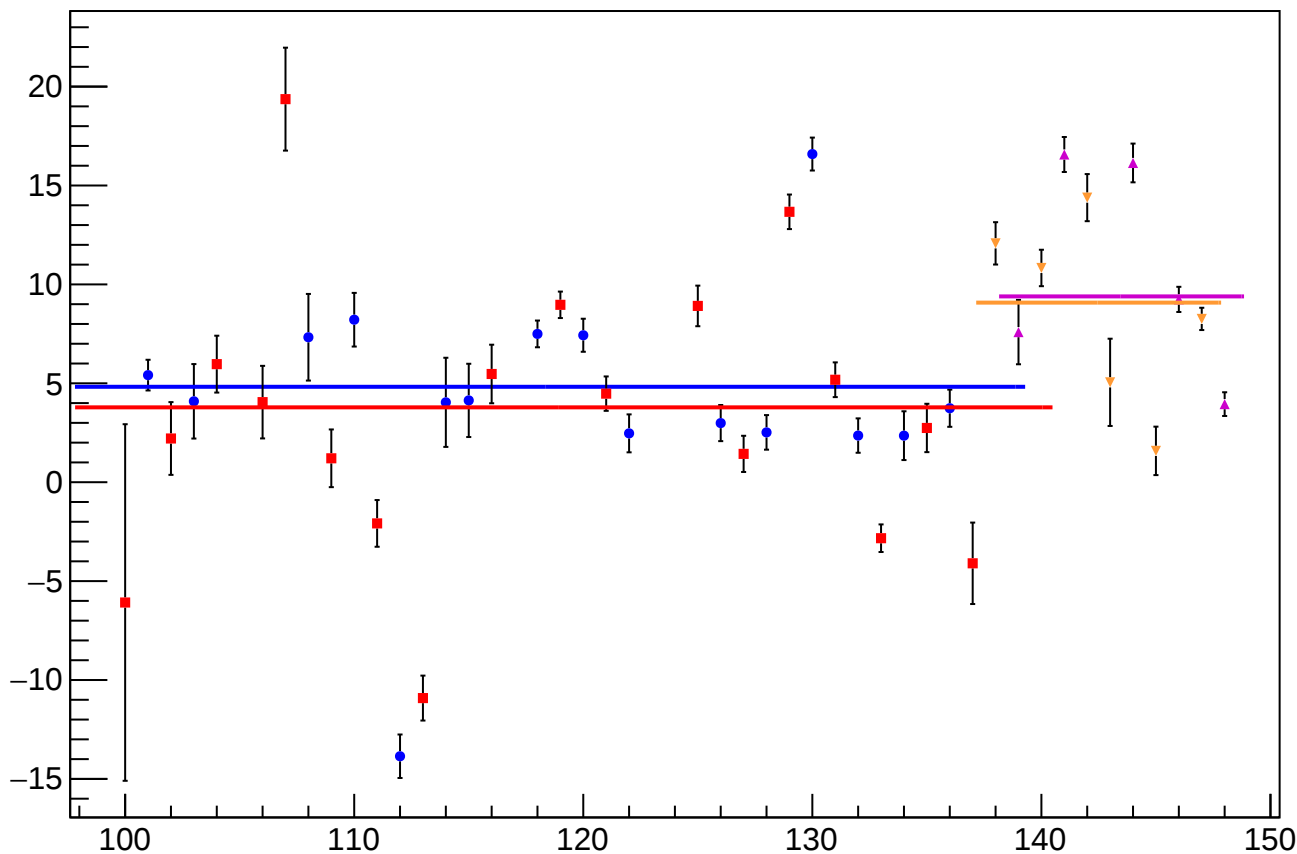
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 22.183 $\pm$ 0.300 χ^2 /NDF:2624.8/20

Out: 25.661 $\pm$ 0.312 χ^2 /NDF:2897.4/23

All: 23.849 $\pm$ 0.216 χ^2 /NDF: 5586.8/44

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: 9.079 ± 0.384 $\chi^2/\text{NDF}: 74.2/5$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.393 ± 0.355 $\chi^2/\text{NDF}: 197.0/4$

Left: 9.249 ± 0.261 $\chi^2/\text{NDF}: 271.6/10$

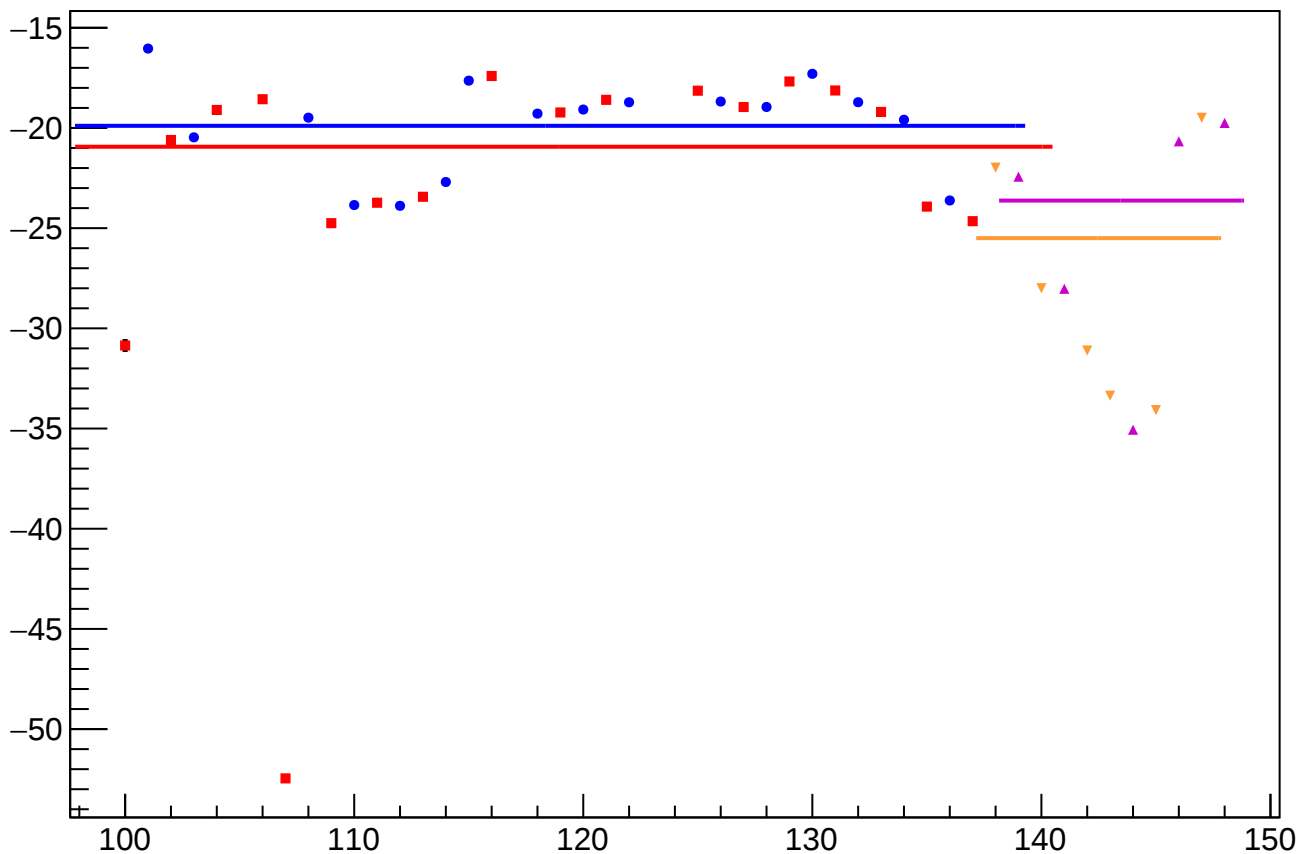
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 6.354 ± 0.205 $\chi^2/\text{NDF}: 860.4/20$

Out: 5.439 ± 0.215 $\chi^2/\text{NDF}: 769.8/23$

All: 5.917 ± 0.148 $\chi^2/\text{NDF}: 1639.7/44$

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: -25.498 $\pm$ 0.020 χ^2 /NDF: 76782.9/5

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -23.623 $\pm$ 0.018 χ^2 /NDF: 73214.4/4

Left: -24.469 $\pm$ 0.013 χ^2 /NDF: 154958.2/10

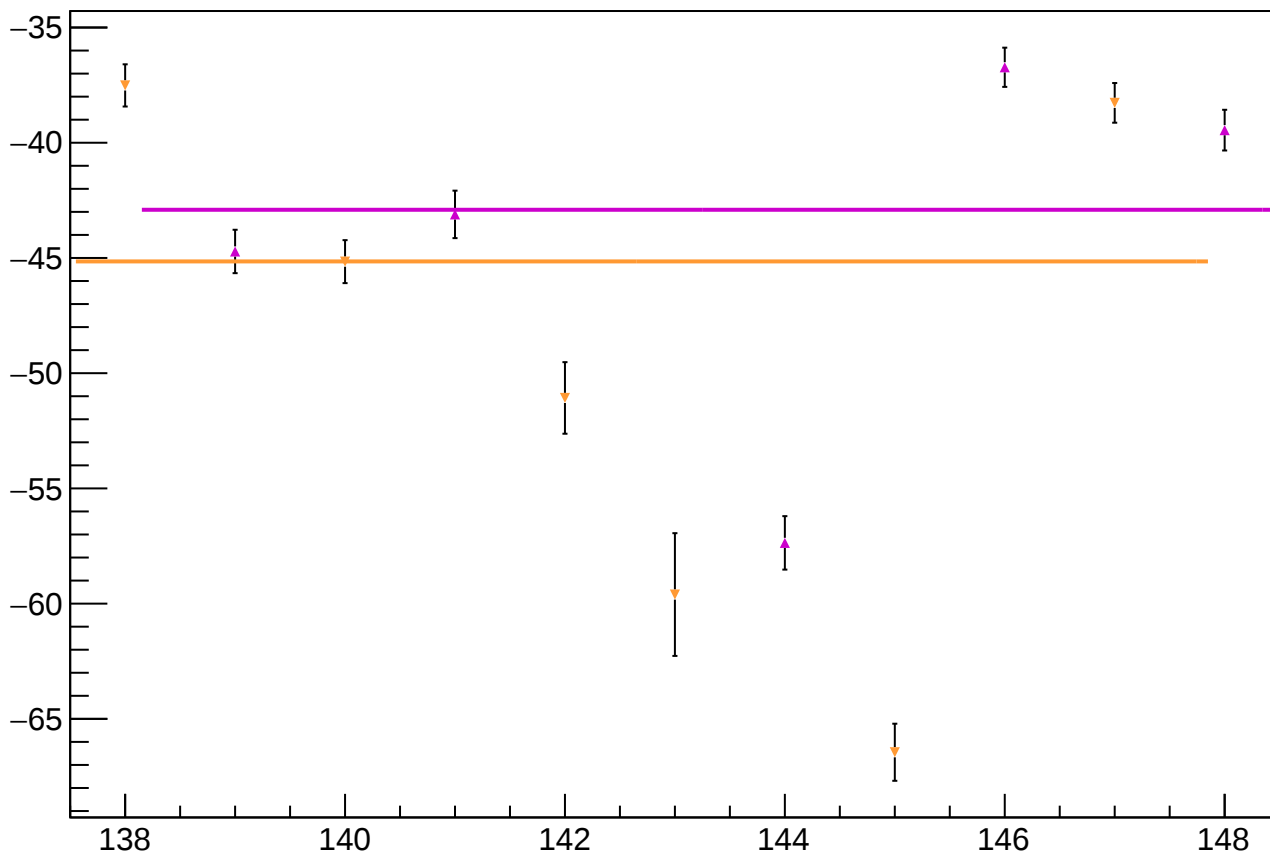
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -21.504 $\pm$ 0.012 χ^2 /NDF: 124054.3/20

Out: -22.707 $\pm$ 0.012 χ^2 /NDF: 203632.7/23

All: -22.079 $\pm$ 0.008 χ^2 /NDF: 332699.4/44

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: -45.150+/-0.452 χ^2/NDF :473.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.909+/-0.427 χ^2/NDF :227.2/4

Left: -43.967+/-0.310 χ^2/NDF : 713.2/10

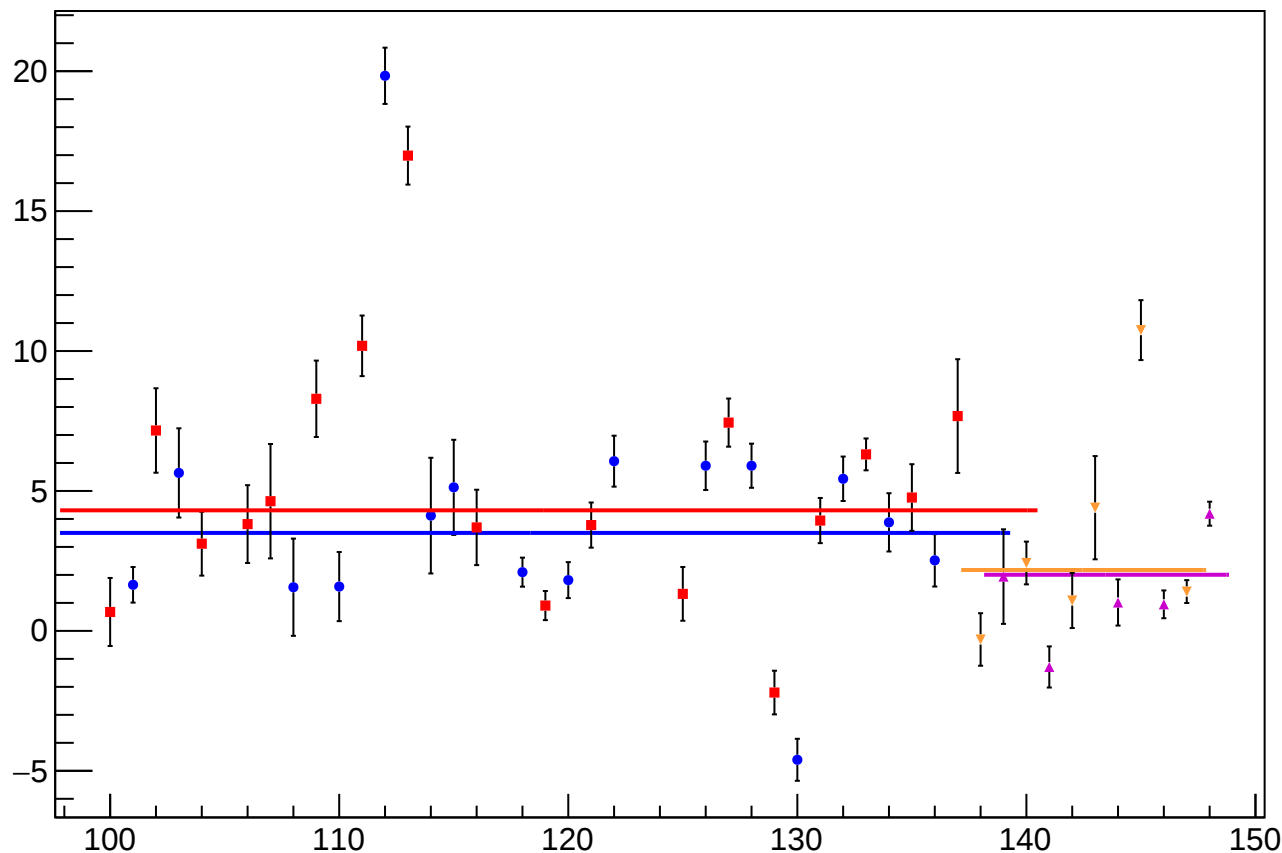
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.909+/-0.427 χ^2/NDF :227.2/4

Out: -45.150+/-0.452 χ^2/NDF :473.1/5

All: -43.967+/-0.310 χ^2/NDF : 713.2/10

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 2.175 ± 0.301 $\chi^2/\text{NDF}: 77.5/5$

Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: 2.006 ± 0.276 $\chi^2/\text{NDF}: 52.0/4$

Left: 2.083 ± 0.203 $\chi^2/\text{NDF}: 129.6/10$

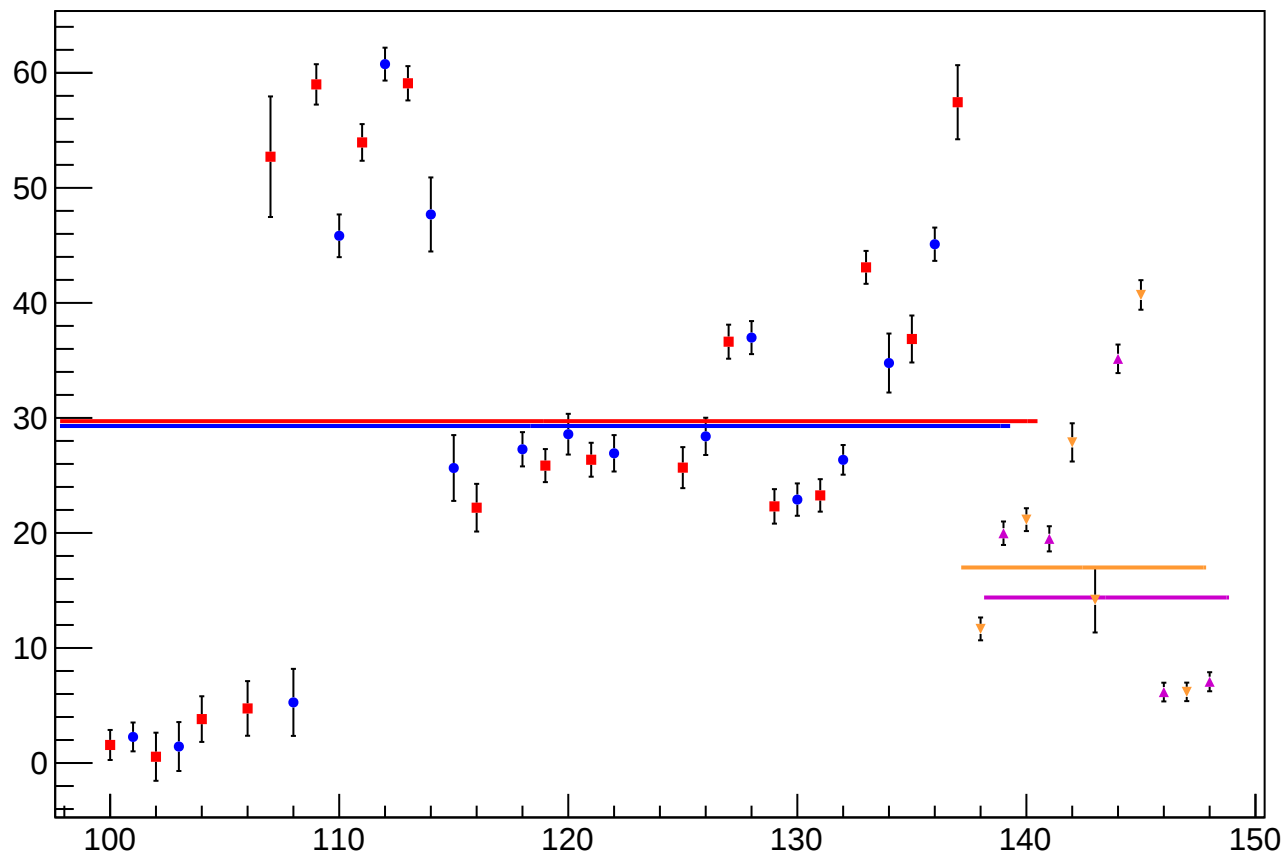
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 2.927 ± 0.171 $\chi^2/\text{NDF}: 512.0/20$

Out: 3.559 ± 0.178 $\chi^2/\text{NDF}: 462.8/23$

All: 3.229 ± 0.123 $\chi^2/\text{NDF}: 981.4/44$

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: 16.999 $\pm$ 0.463 χ^2 /NDF:610.9/5

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 14.389 $\pm$ 0.430 χ^2 /NDF:512.1/4

Left: 15.597 $\pm$ 0.315 χ^2 /NDF: 1140.1/10

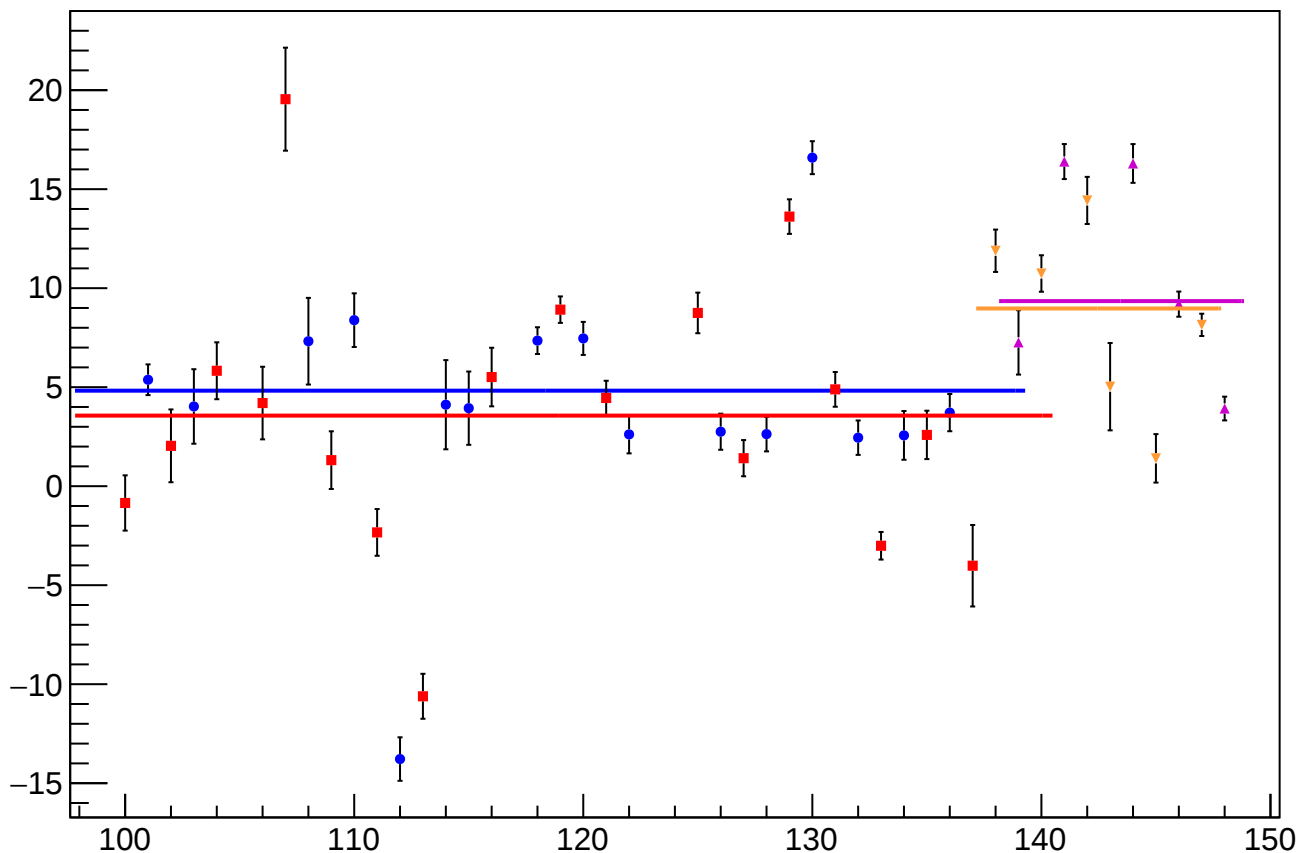
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 22.062 $\pm$ 0.299 χ^2 /NDF:2616.9/20

Out: 24.241 $\pm$ 0.304 χ^2 /NDF:3169.8/23

All: 23.136 $\pm$ 0.213 χ^2 /NDF: 5812.8/44

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 8.975 ± 0.384 $\chi^2/\text{NDF}: 75.8/5$

Right Out: 3.564 ± 0.254 $\chi^2/\text{NDF}: 570.2/17$

Left In: 9.347 ± 0.354 $\chi^2/\text{NDF}: 197.7/4$

Left: 9.176 ± 0.260 $\chi^2/\text{NDF}: 273.9/10$

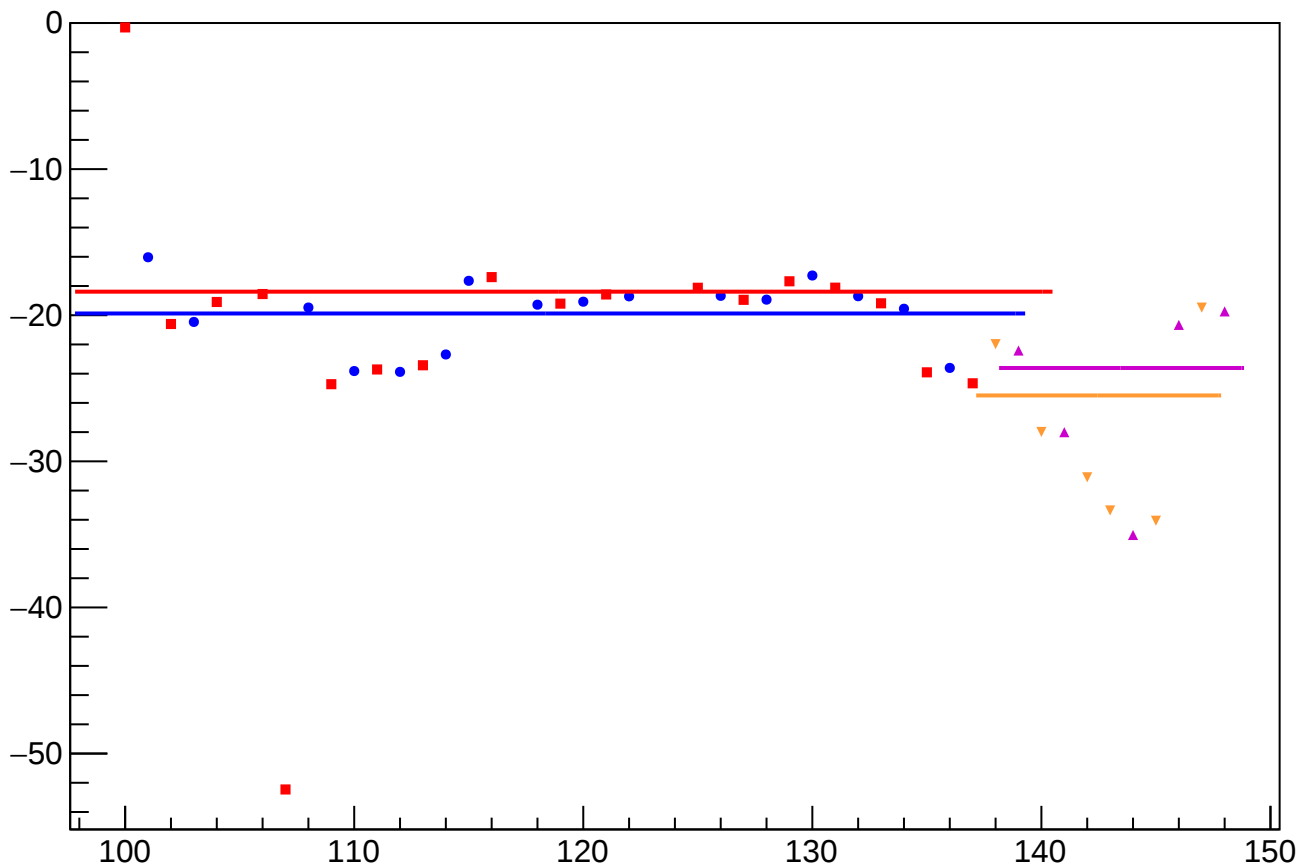
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1131.9/33$

In: 6.339 ± 0.205 $\chi^2/\text{NDF}: 855.2/20$

Out: 5.217 ± 0.212 $\chi^2/\text{NDF}: 784.1/23$

All: 5.796 ± 0.147 $\chi^2/\text{NDF}: 1653.8/44$

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -25.490 ± 0.020 $\chi^2/\text{NDF}: 76829.0/5$

Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$

Left In: -23.611 ± 0.018 $\chi^2/\text{NDF}: 73171.3/4$

Left: -24.458 ± 0.013 $\chi^2/\text{NDF}: 154988.3/10$

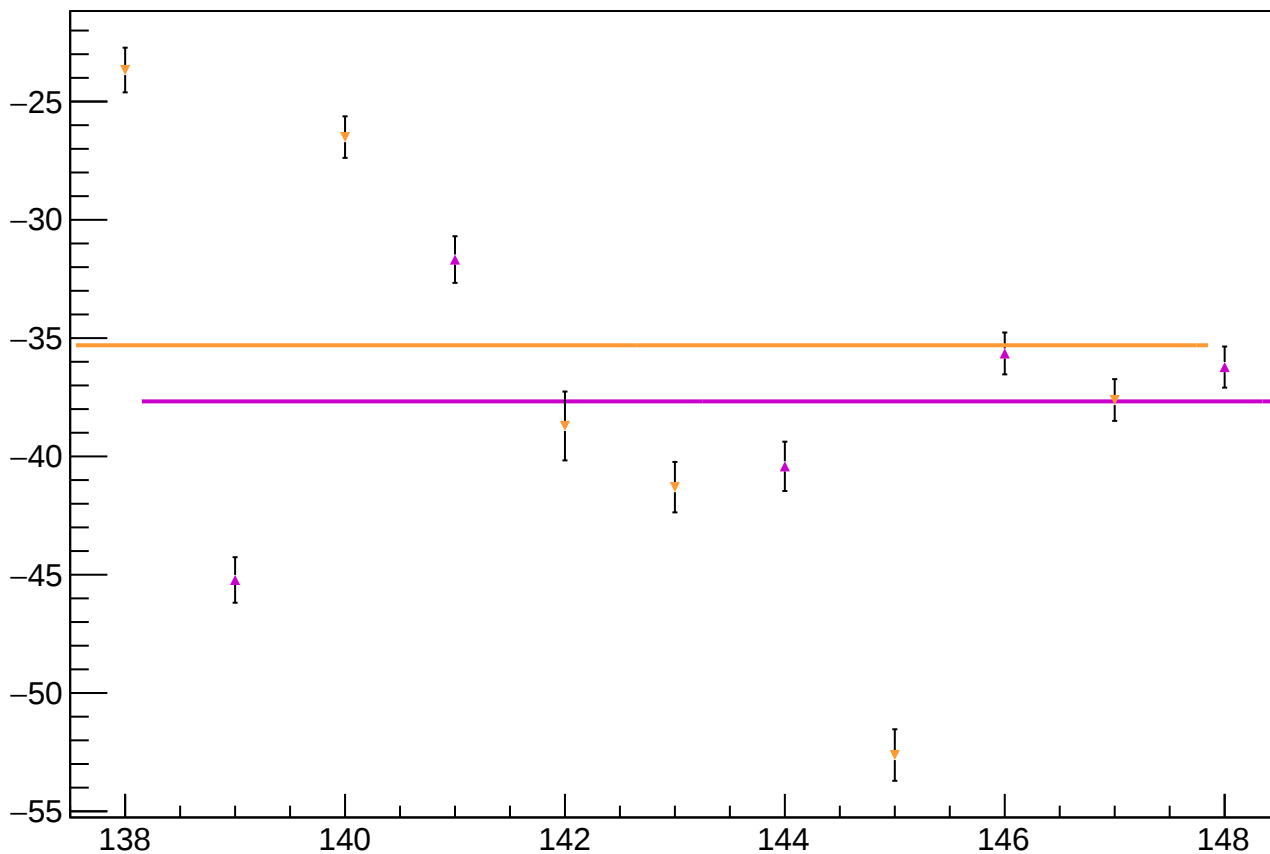
Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$

In: -21.492 ± 0.012 $\chi^2/\text{NDF}: 124023.9/20$

Out: -20.934 ± 0.012 $\chi^2/\text{NDF}: 461339.8/23$

All: -21.215 ± 0.008 $\chi^2/\text{NDF}: 586483.1/44$

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: -35.302+/-0.412 χ^2/NDF :548.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.674+/-0.421 χ^2/NDF :113.6/4

Left: -36.461+/-0.295 χ^2/NDF : 678.7/10

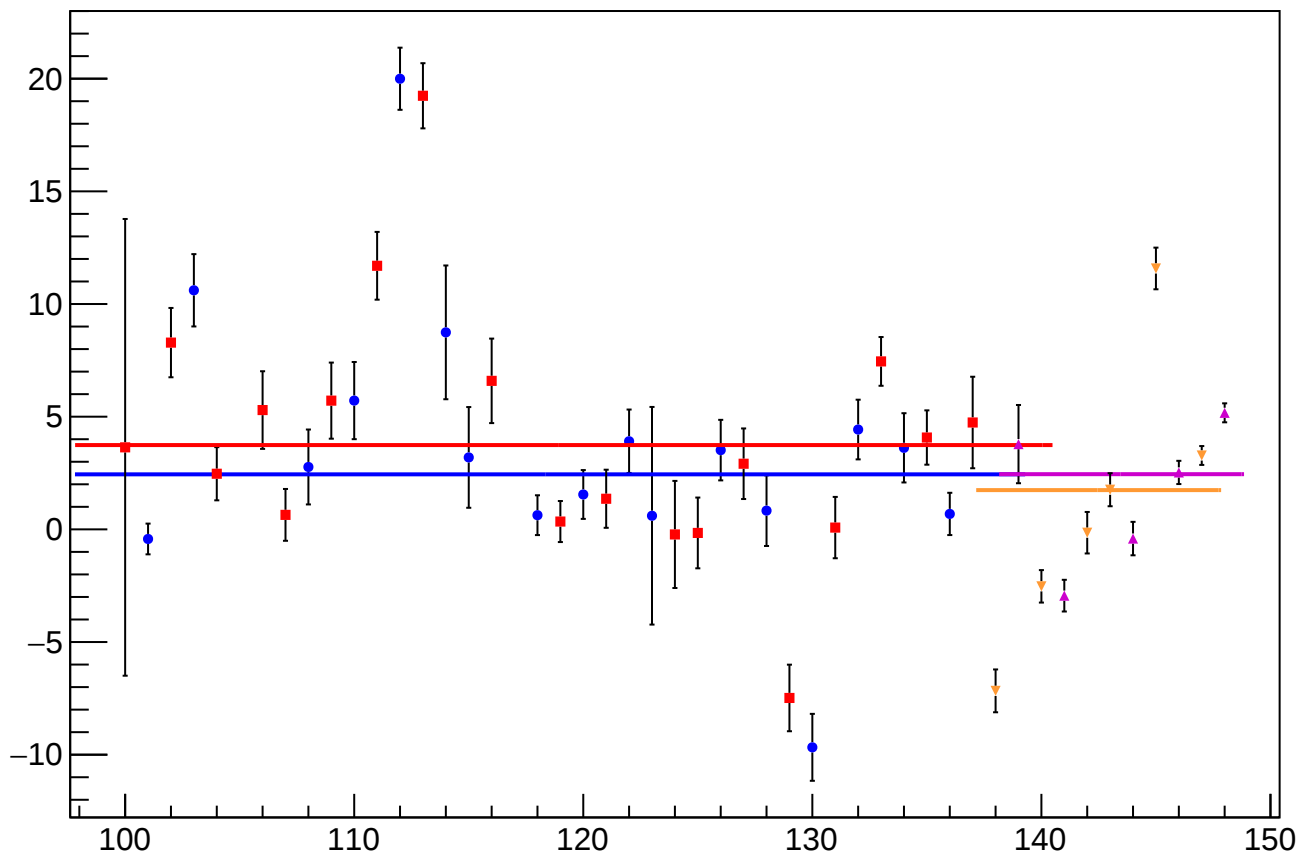
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.674+/-0.421 χ^2/NDF :113.6/4

Out: -35.302+/-0.412 χ^2/NDF :548.9/5

All: -36.461+/-0.295 χ^2/NDF : 678.7/10

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 1.742 $\pm$ 0.278 χ^2 /NDF:253.9/5

Right Out: 3.740 $\pm$ 0.326 χ^2 /NDF: 268.1/18

Left In: 2.449 $\pm$ 0.271 χ^2 /NDF:116.0/4

Left: 2.104 $\pm$ 0.194 χ^2 /NDF: 373.2/10

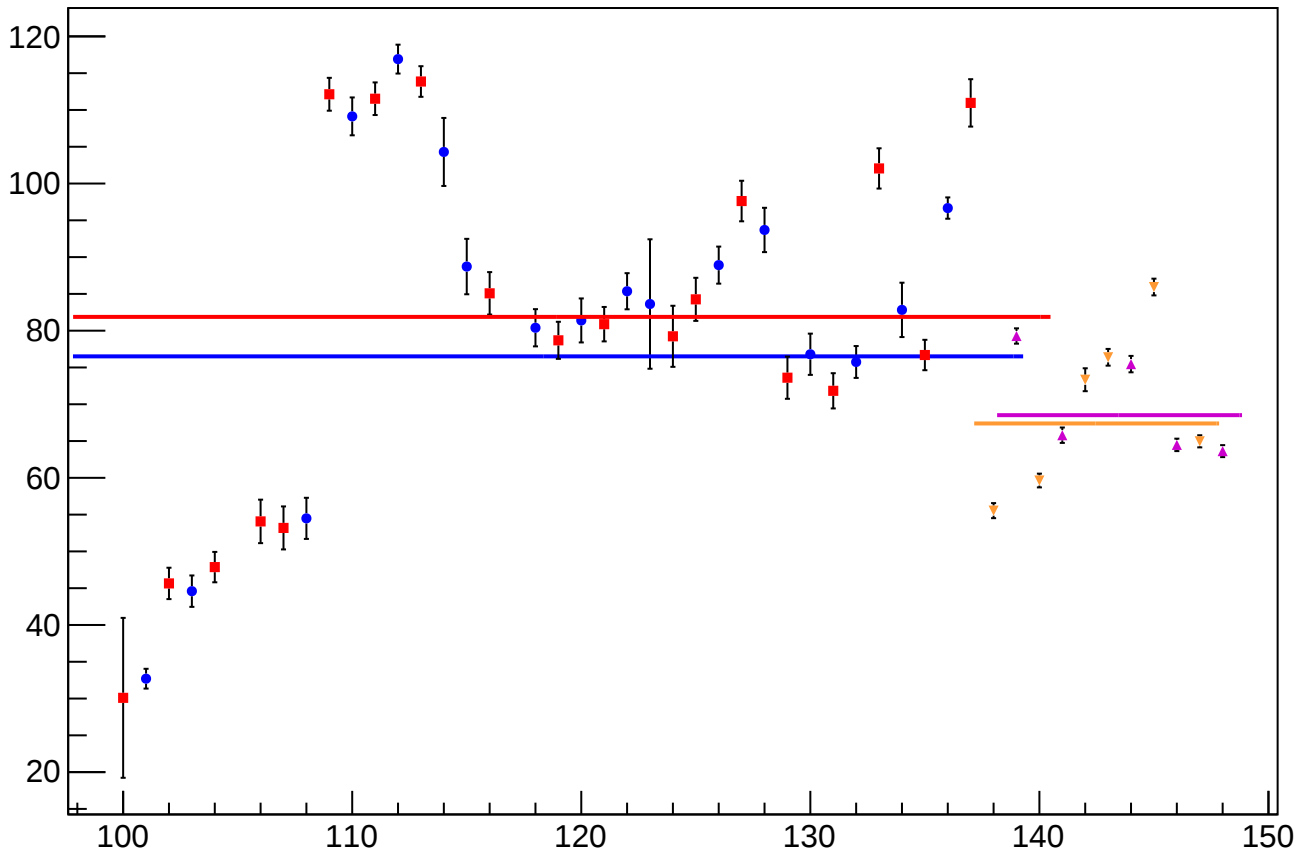
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/35

In: 2.446 $\pm$ 0.205 χ^2 /NDF:410.7/21

Out: 2.581 $\pm$ 0.212 χ^2 /NDF:543.8/24

All: 2.511 $\pm$ 0.147 χ^2 /NDF: 954.7/46

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: 67.389 $\pm$ 0.425 χ^2 /NDF:554.3/5

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 68.518 $\pm$ 0.425 χ^2 /NDF:211.2/4

Left: 67.954 $\pm$ 0.301 χ^2 /NDF: 768.9/10

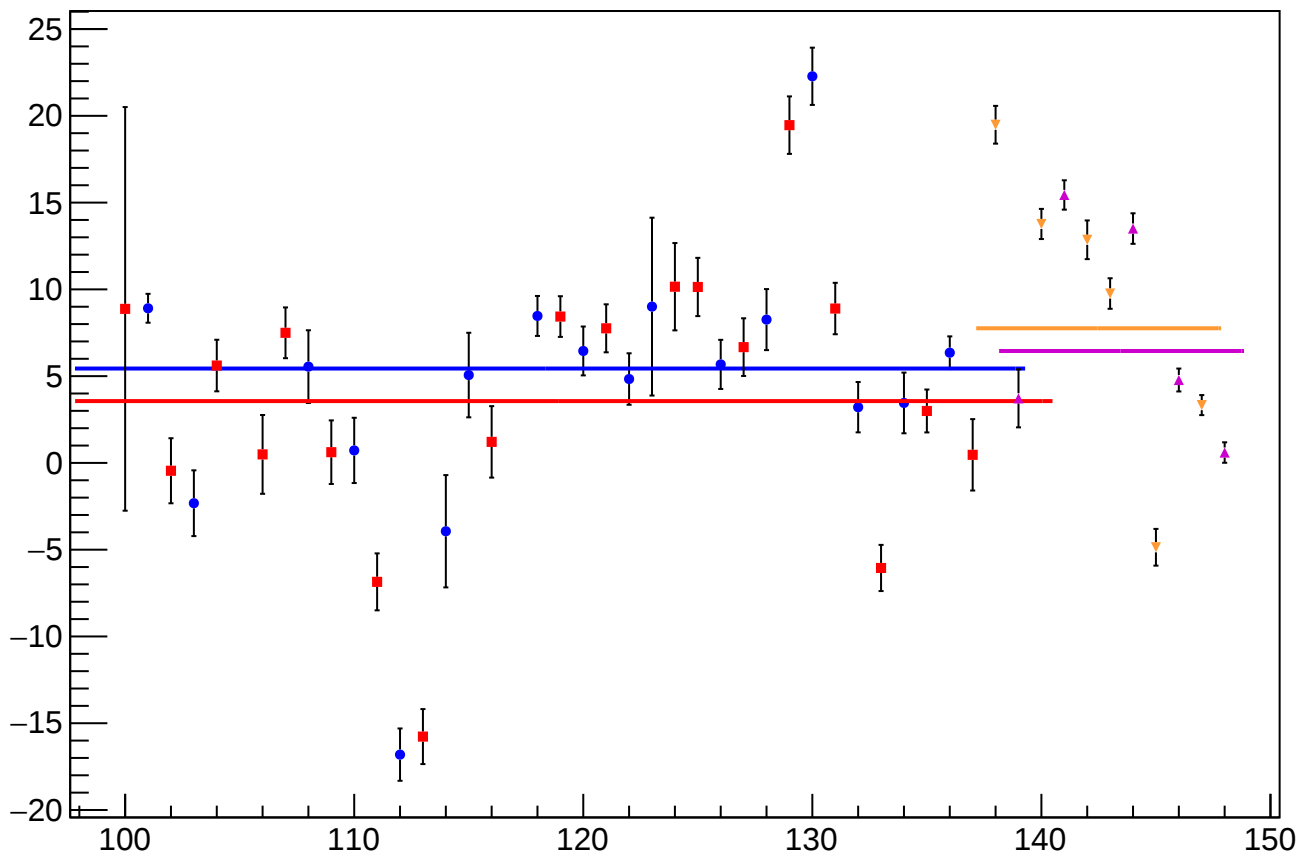
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 71.344 $\pm$ 0.341 χ^2 /NDF:2587.3/21

Out: 72.324 $\pm$ 0.345 χ^2 /NDF:2520.1/24

All: 71.828 $\pm$ 0.243 χ^2 /NDF: 5111.5/46

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: 7.759 ± 0.350 $\chi^2/\text{NDF}: 391.1/5$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 6.450 ± 0.349 $\chi^2/\text{NDF}: 284.9/4$

Left: 7.102 ± 0.247 $\chi^2/\text{NDF}: 683.1/10$

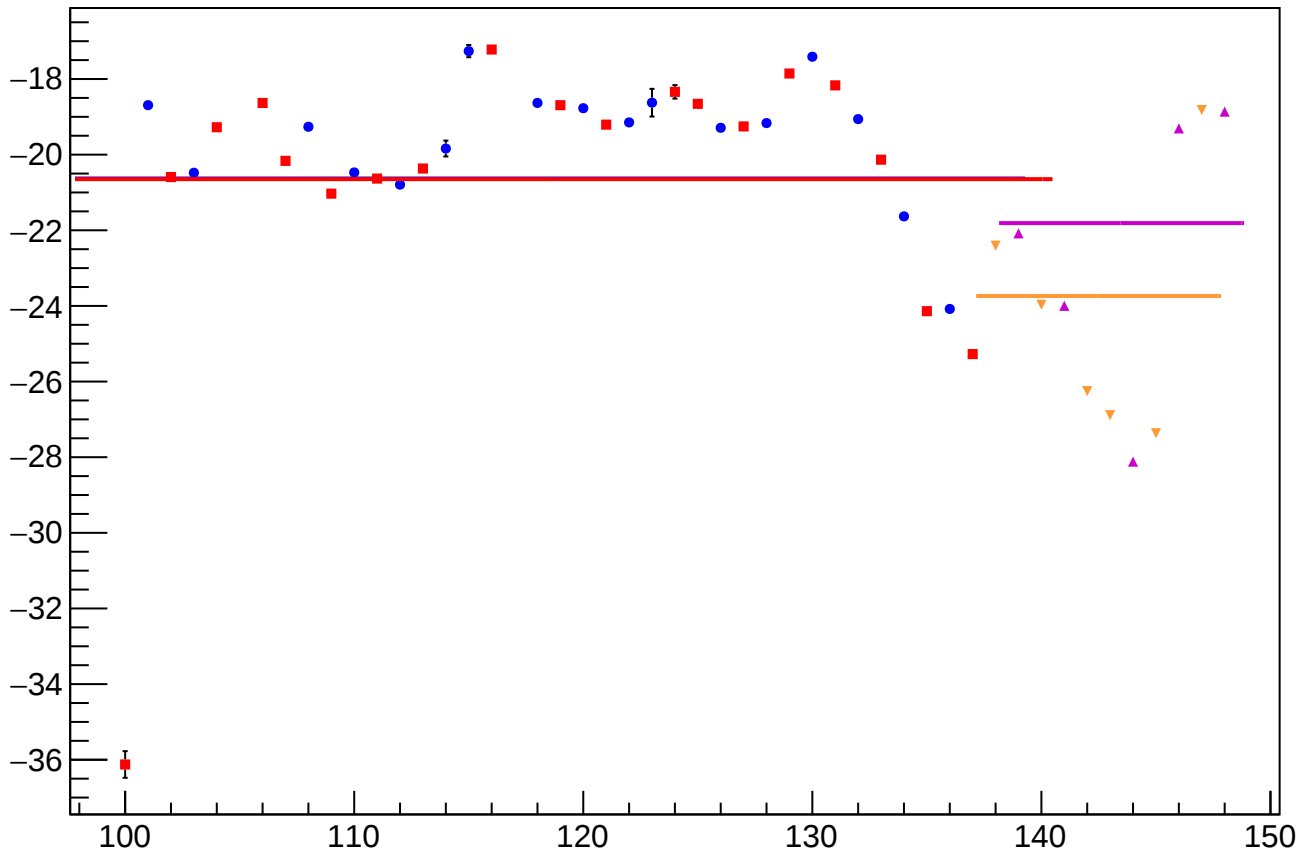
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 5.957 ± 0.250 $\chi^2/\text{NDF}: 675.2/21$

Out: 5.805 ± 0.256 $\chi^2/\text{NDF}: 878.8/24$

All: 5.883 ± 0.179 $\chi^2/\text{NDF}: 1554.2/46$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -23.737 ± 0.018 $\chi^2/\text{NDF}: 30045.8/5$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

Left In: -21.810 ± 0.018 $\chi^2/\text{NDF}: 30721.0/4$

Left: -22.759 ± 0.013 $\chi^2/\text{NDF}: 66620.7/10$

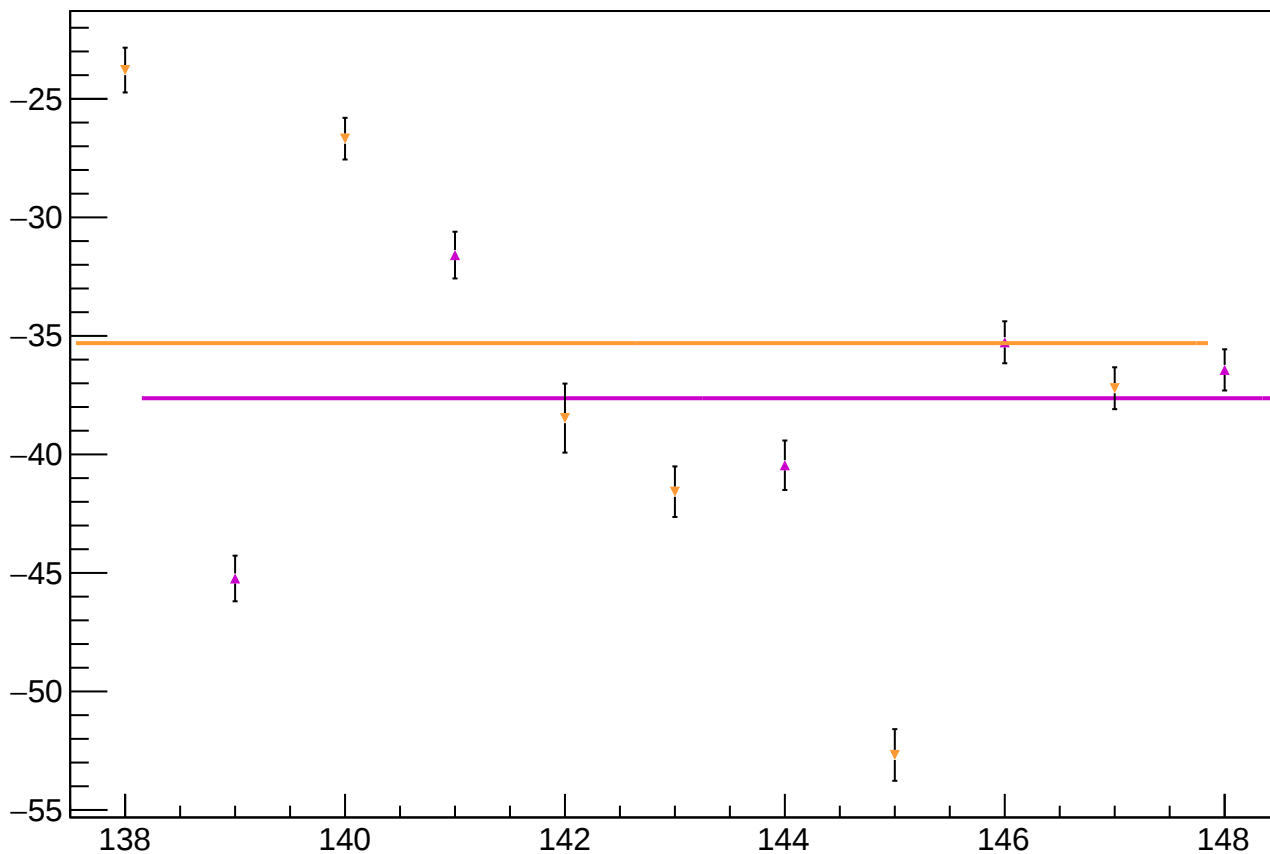
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -21.272 ± 0.013 $\chi^2/\text{NDF}: 45249.5/21$

Out: -22.314 ± 0.013 $\chi^2/\text{NDF}: 57600.1/24$

All: -21.787 ± 0.009 $\chi^2/\text{NDF}: 106007.9/46$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.305+/-0.412 χ^2/NDF :543.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.630+/-0.422 χ^2/NDF :116.3/4

Left: -36.441+/-0.295 χ^2/NDF : 674.8/10

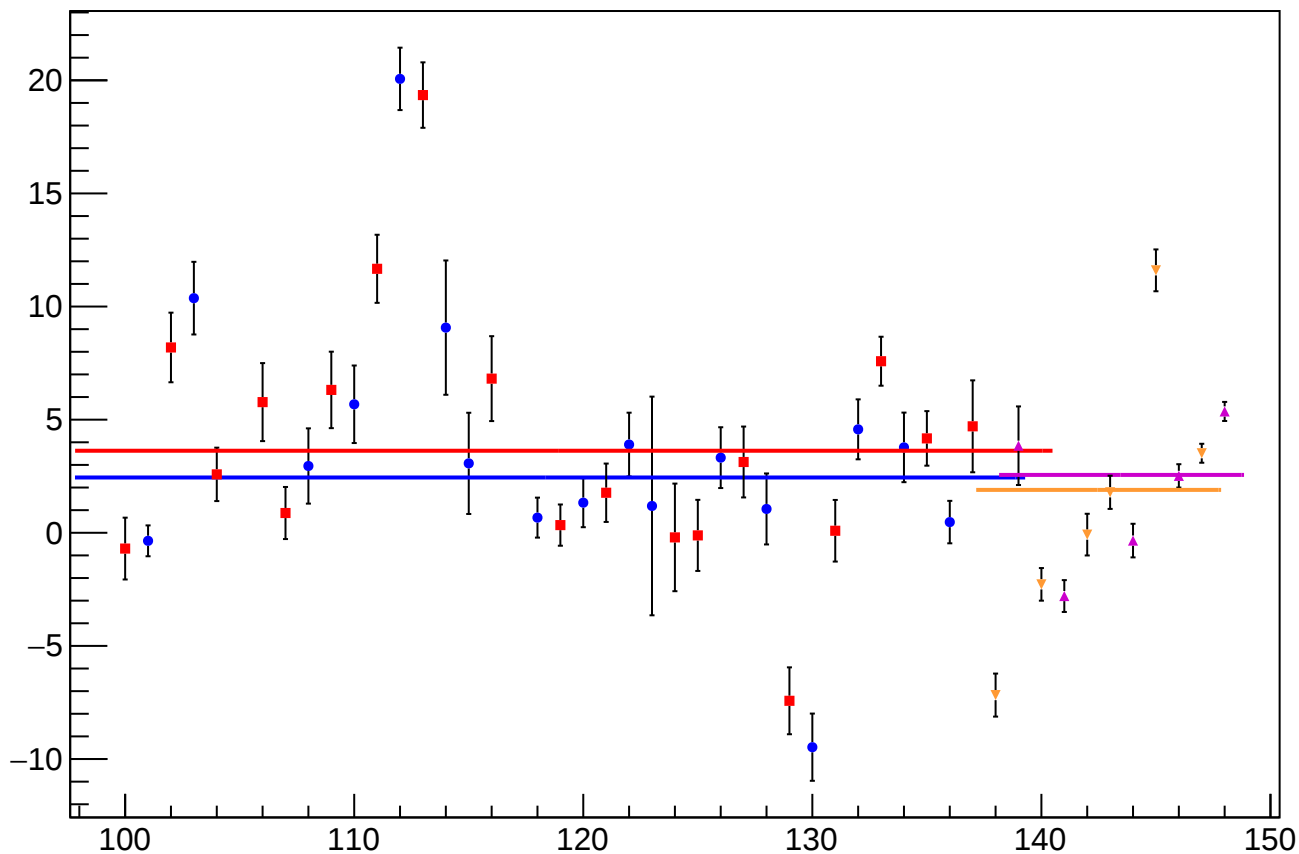
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.630+/-0.422 χ^2/NDF :116.3/4

Out: -35.305+/-0.412 χ^2/NDF :543.0/5

All: -36.441+/-0.295 χ^2/NDF : 674.8/10

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: 1.896 $\pm$ 0.278 χ^2 /NDF:254.2/5

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 2.558 $\pm$ 0.272 χ^2 /NDF:118.0/4

Left: 2.235 $\pm$ 0.194 χ^2 /NDF: 375.1/10

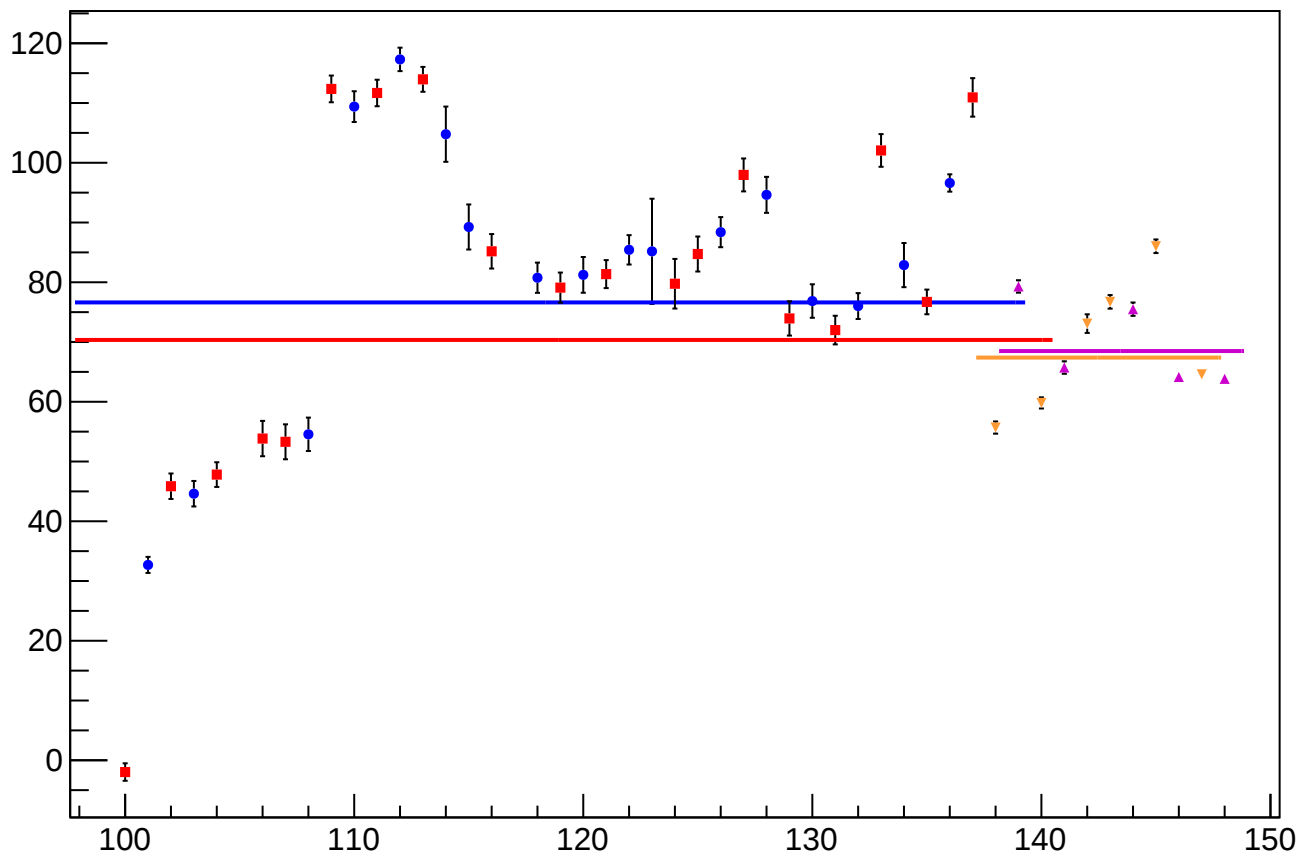
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 2.509 $\pm$ 0.205 χ^2 /NDF:410.8/21

Out: 2.646 $\pm$ 0.209 χ^2 /NDF:549.9/24

All: 2.576 $\pm$ 0.146 χ^2 /NDF: 960.9/46

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: 67.395 $\pm$ 0.426 χ^2 /NDF: 556.4/5

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 68.490 $\pm$ 0.425 χ^2 /NDF: 213.0/4

Left: 67.943 $\pm$ 0.301 χ^2 /NDF: 772.6/10

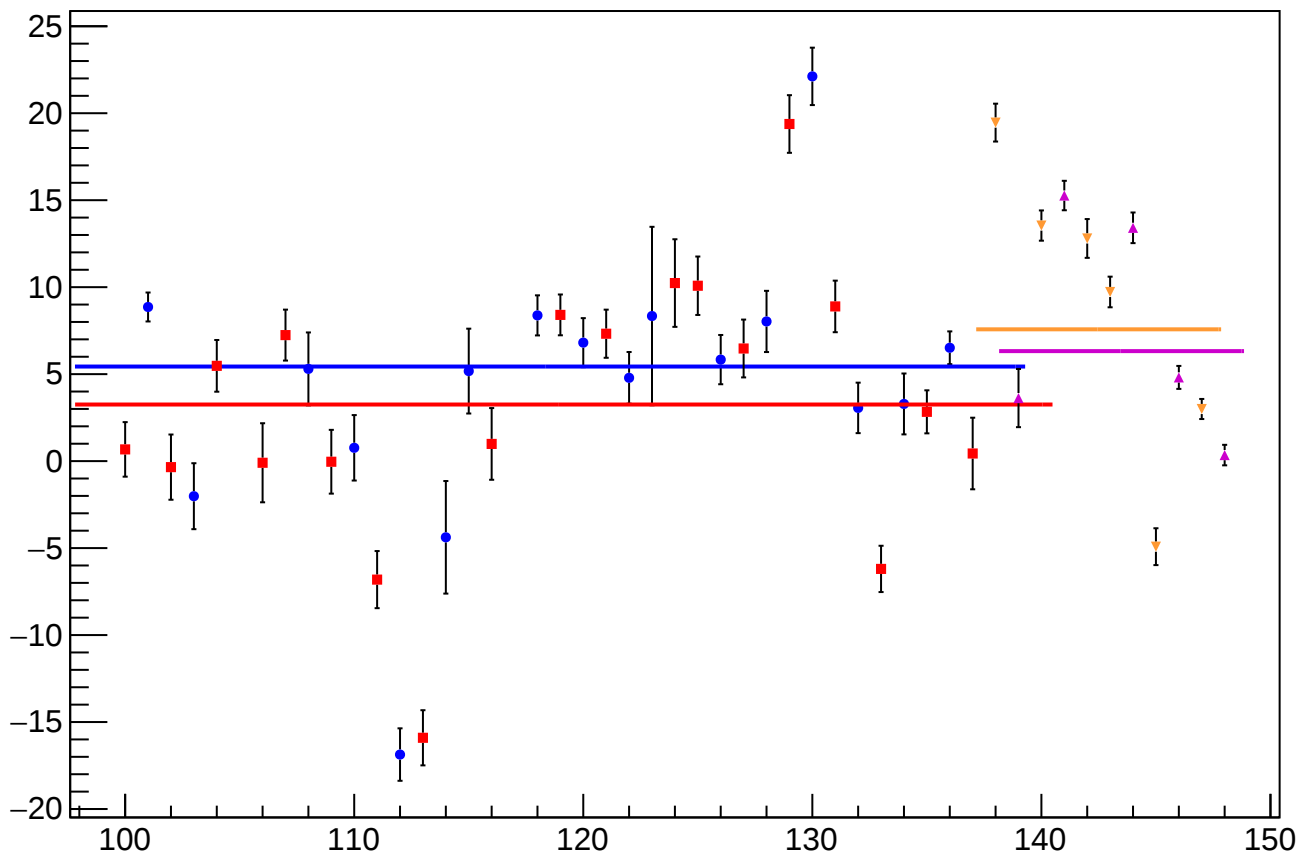
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 71.368 $\pm$ 0.342 χ^2 /NDF: 2605.4/21

Out: 68.502 $\pm$ 0.337 χ^2 /NDF: 4962.5/24

All: 69.913 $\pm$ 0.240 χ^2 /NDF: 7603.6/46

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 7.576 ± 0.350 χ^2/NDF : 396.2/5

Right Out: 3.253 ± 0.365 χ^2/NDF : 423.7/18

Left In: 6.324 ± 0.349 χ^2/NDF : 287.0/4

Left: 6.948 ± 0.247 χ^2/NDF : 689.7/10

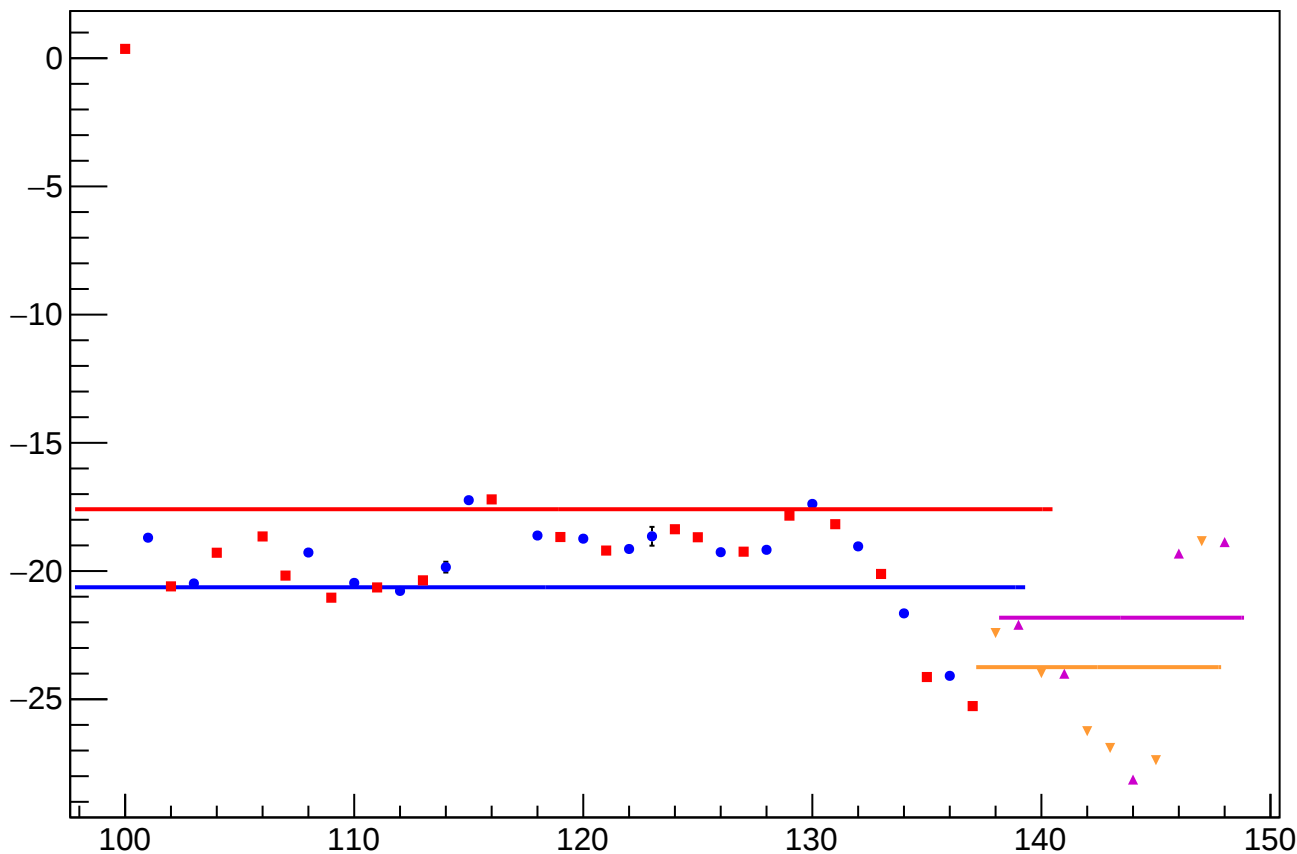
Right: 4.367 ± 0.256 χ^2/NDF : 826.5/35

In: 5.892 ± 0.250 χ^2/NDF : 674.7/21

Out: 5.505 ± 0.253 χ^2/NDF : 893.0/24

All: 5.700 ± 0.178 χ^2/NDF : 1568.9/46

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -23.748 ± 0.018 $\chi^2/\text{NDF}: 29958.1/5$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -21.819 ± 0.018 $\chi^2/\text{NDF}: 30695.3/4$

Left: -22.769 ± 0.013 $\chi^2/\text{NDF}: 66501.5/10$

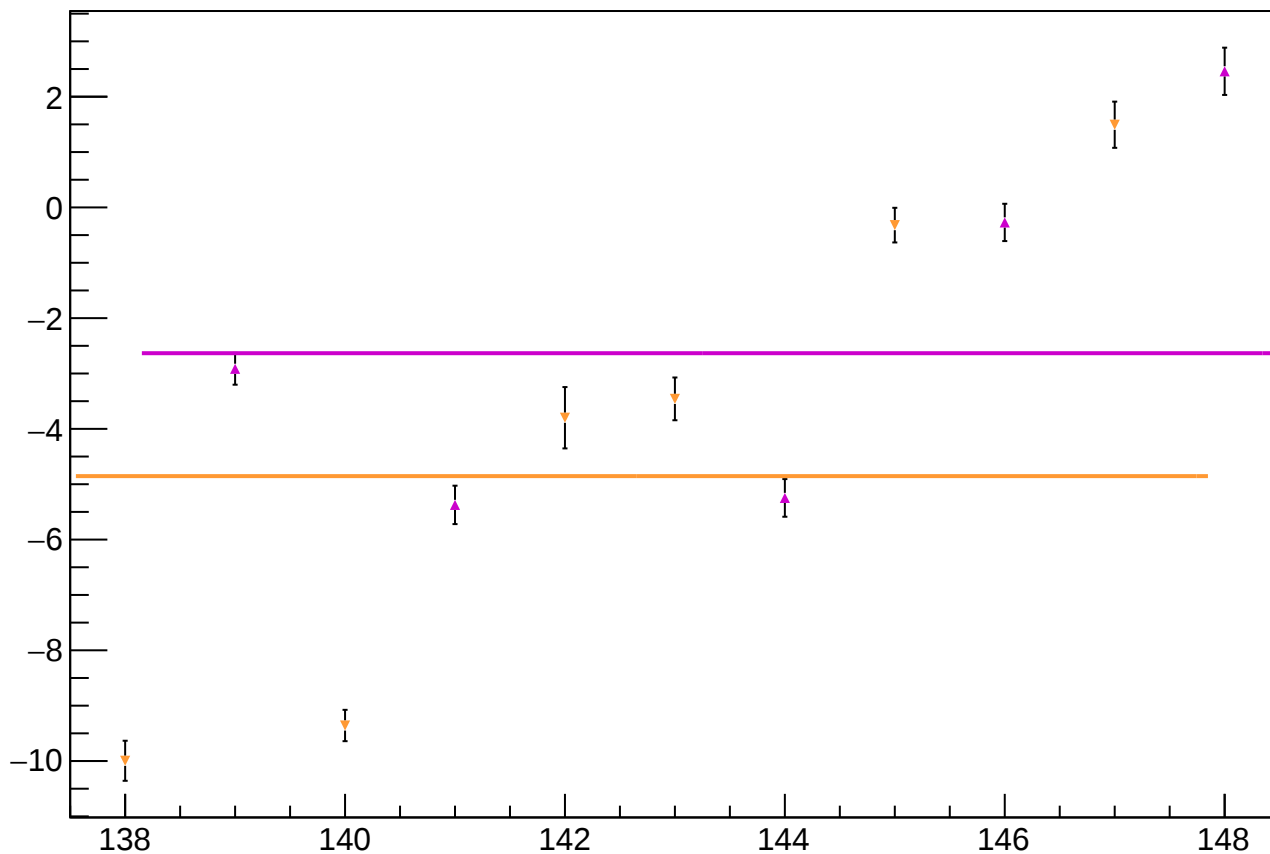
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -21.278 ± 0.013 $\chi^2/\text{NDF}: 45294.0/21$

Out: -20.676 ± 0.013 $\chi^2/\text{NDF}: 267226.4/24$

All: -20.969 ± 0.009 $\chi^2/\text{NDF}: 313609.3/46$

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: -4.854+/-0.147 χ^2/NDF :913.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.633+/-0.152 χ^2/NDF :313.8/4

Left: -3.777+/-0.106 χ^2/NDF : 1337.5/10

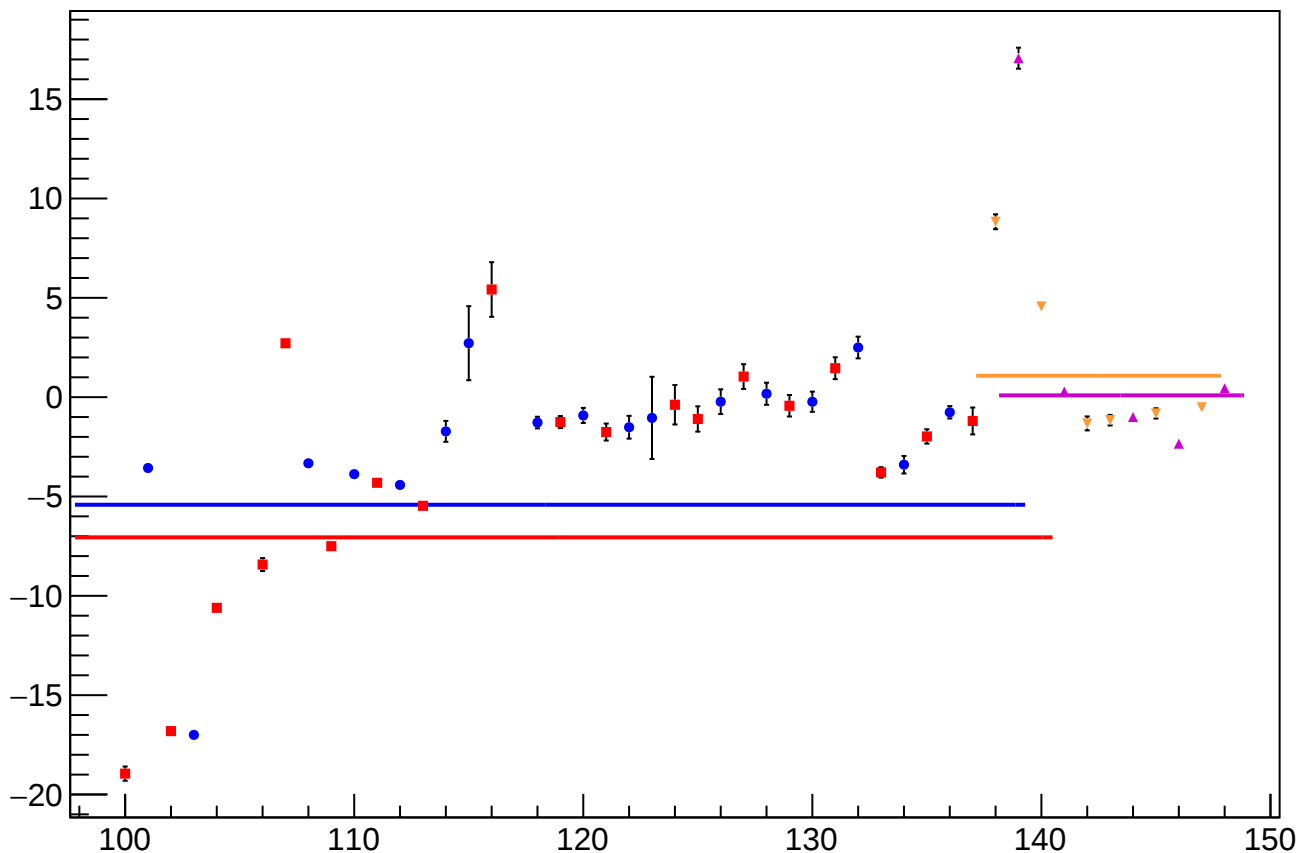
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.633+/-0.152 χ^2/NDF :313.8/4

Out: -4.854+/-0.147 χ^2/NDF :913.6/5

All: -3.777+/-0.106 χ^2/NDF : 1337.5/10

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 $\chi^2/\text{NDF}: 9255.1/16$

Left Out: 1.078 ± 0.107 $\chi^2/\text{NDF}: 881.9/5$

Right Out: -7.056 ± 0.059 $\chi^2/\text{NDF}: 12334.0/18$

Left In: 0.090 ± 0.111 $\chi^2/\text{NDF}: 1182.4/4$

Left: 0.602 ± 0.077 $\chi^2/\text{NDF}: 2105.3/10$

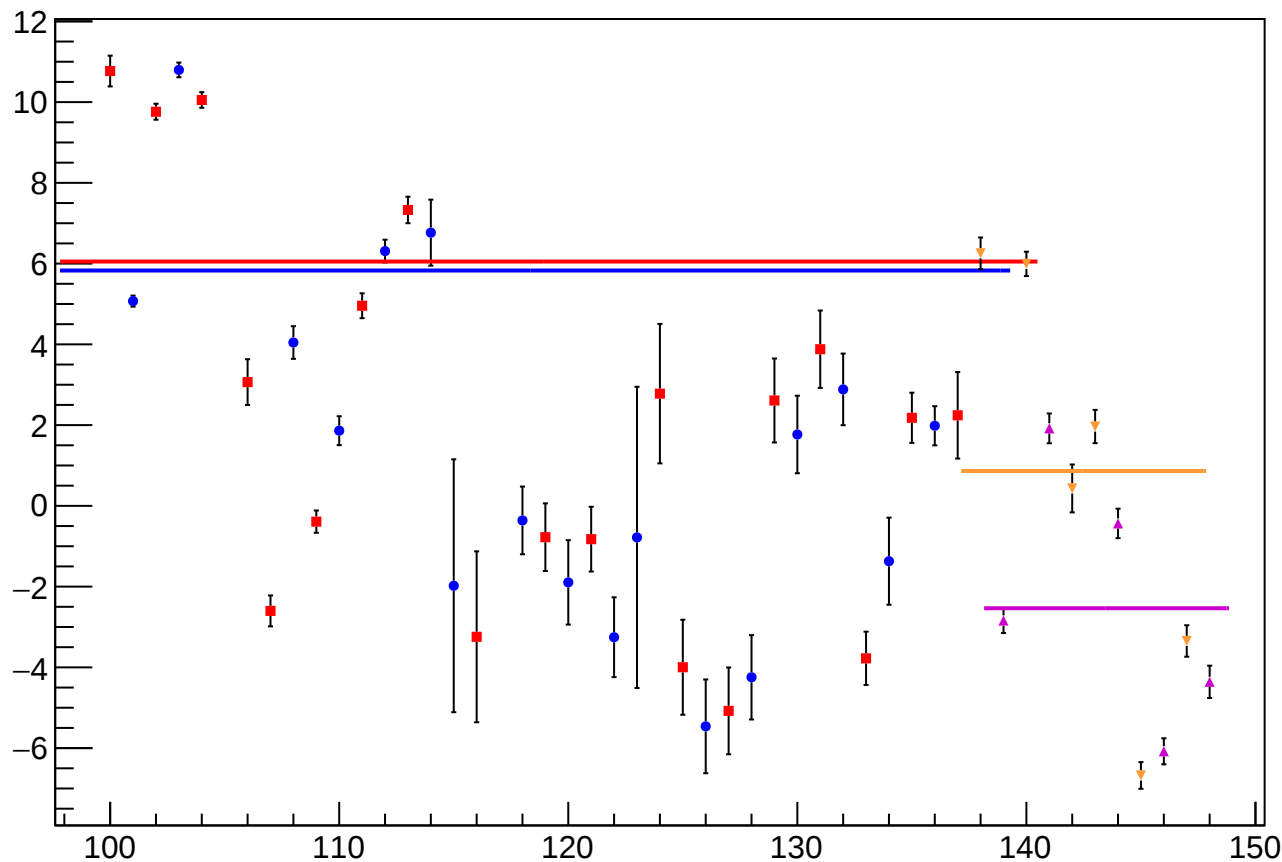
Right: -6.174 ± 0.040 $\chi^2/\text{NDF}: 22004.4/35$

In: -4.340 ± 0.049 $\chi^2/\text{NDF}: 12410.9/21$

Out: -5.164 ± 0.052 $\chi^2/\text{NDF}: 17634.1/24$

All: -4.731 ± 0.036 $\chi^2/\text{NDF}: 30178.4/46$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.863 ± 0.154 $\chi^2/\text{NDF}: 1123.1/5$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -2.536 ± 0.156 $\chi^2/\text{NDF}: 321.1/4$

Left: -0.819 ± 0.110 $\chi^2/\text{NDF}: 1684.0/10$

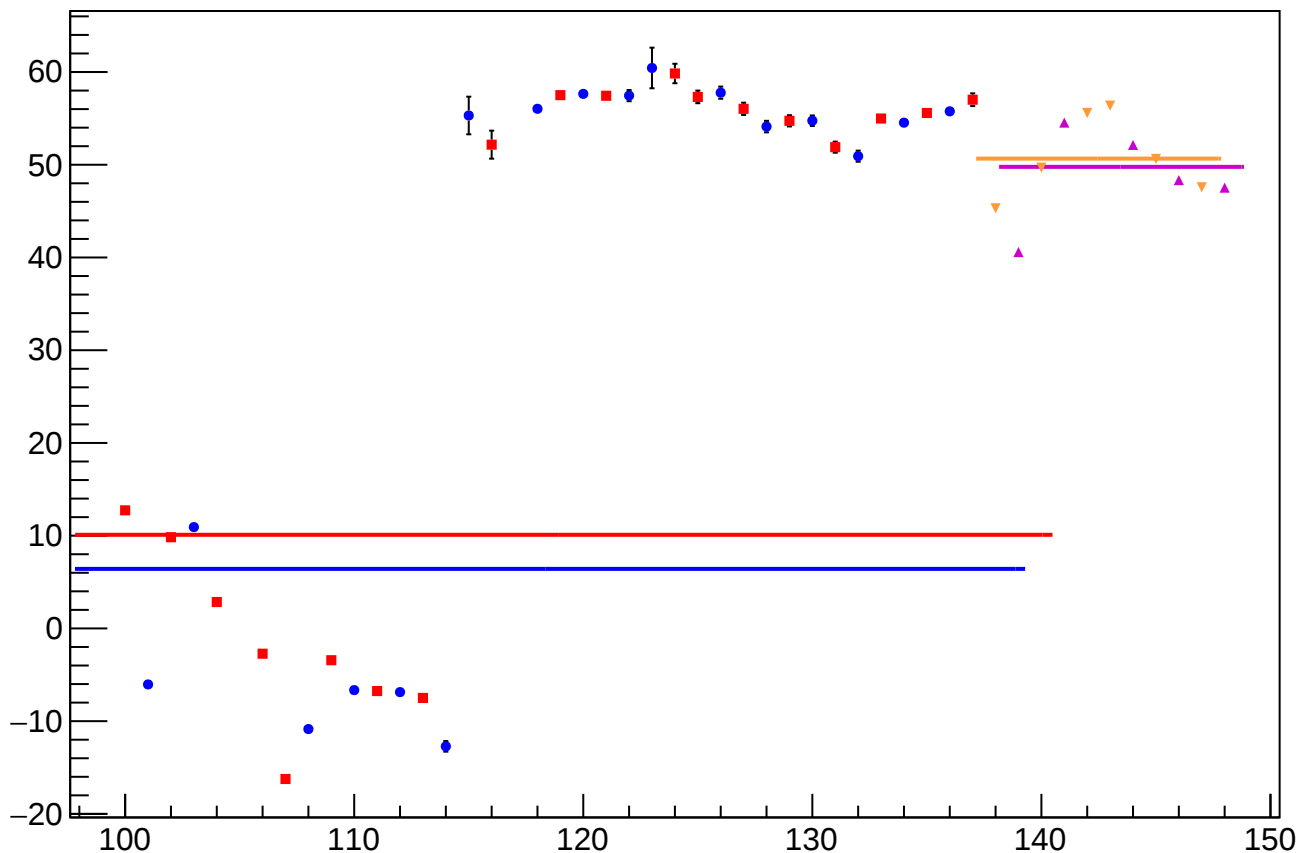
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 3.752 ± 0.078 $\chi^2/\text{NDF}: 3932.0/21$

Out: 4.663 ± 0.080 $\chi^2/\text{NDF}: 4624.9/24$

All: 4.195 ± 0.056 $\chi^2/\text{NDF}: 8623.7/46$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 50.662 ± 0.131 χ^2/NDF : 752.2/5

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.773 ± 0.137 χ^2/NDF : 734.8/4

Left: 50.237 ± 0.095 χ^2/NDF : 1508.9/10

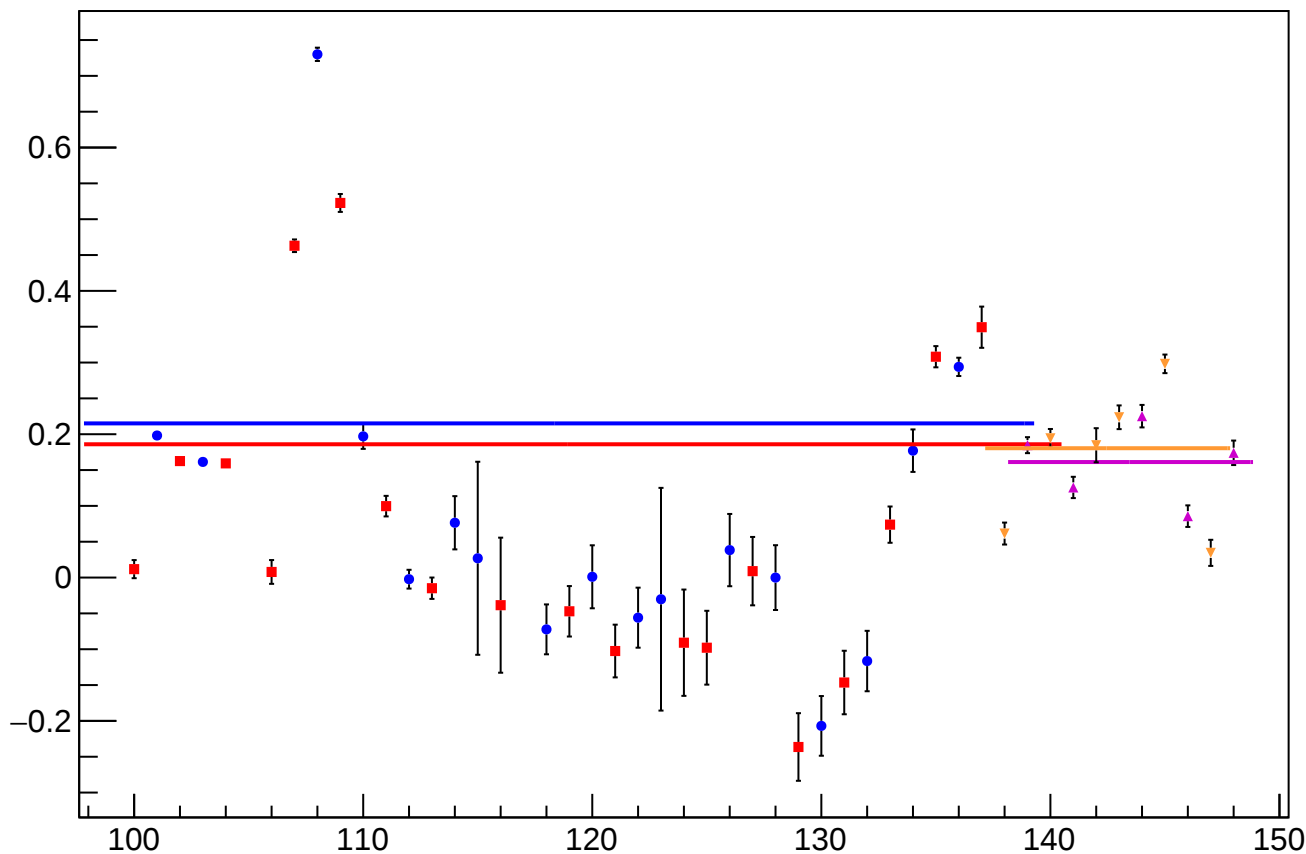
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 14.309 ± 0.059 χ^2/NDF : 205455.3/21

Out: 19.008 ± 0.062 χ^2/NDF : 197271.0/24

All: 16.540 ± 0.042 χ^2/NDF : 405784.8/46

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: 0.180 $\pm$ 0.006 χ^2 /NDF:215.1/5

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.161 $\pm$ 0.006 χ^2 /NDF:52.5/4

Left: 0.171 $\pm$ 0.005 χ^2 /NDF: 272.2/10

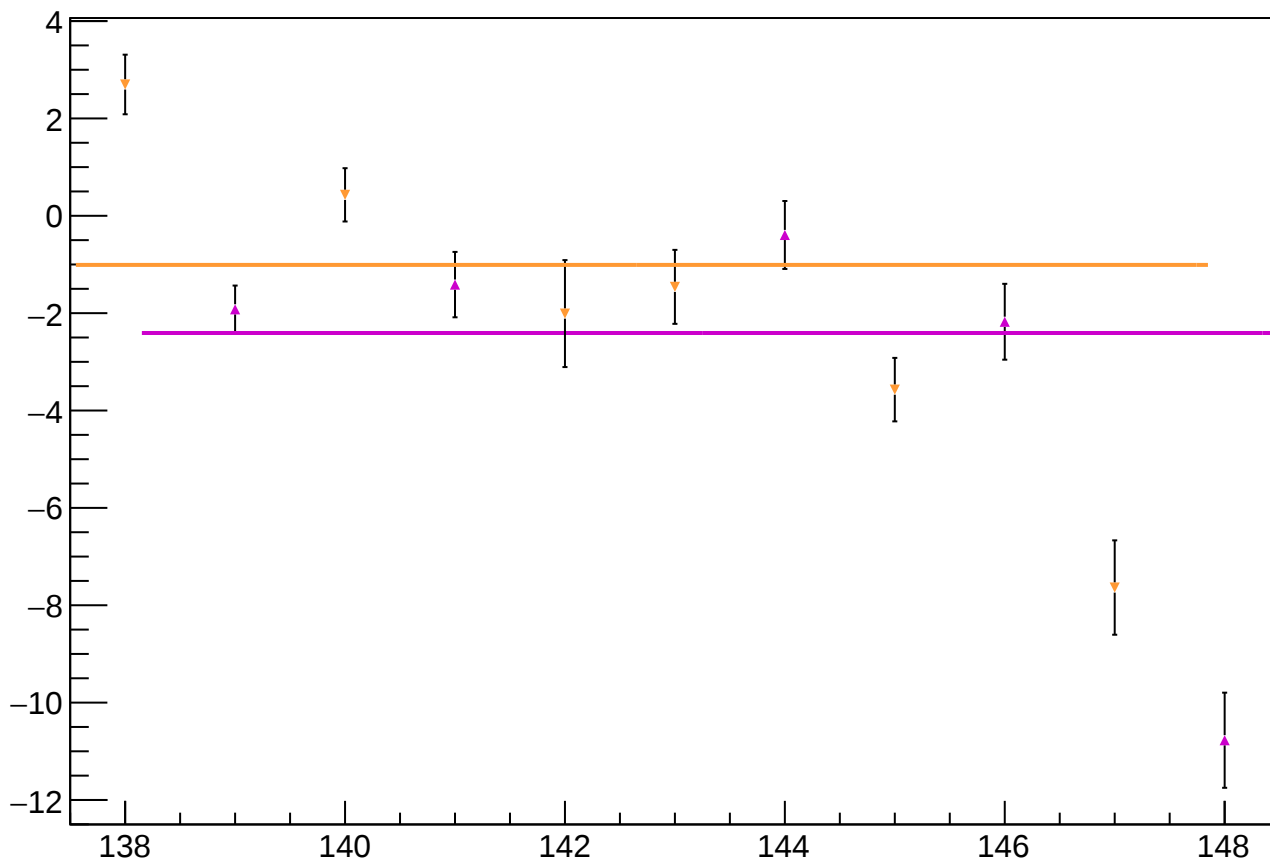
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.207 $\pm$ 0.003 χ^2 /NDF:4039.6/21

Out: 0.185 $\pm$ 0.002 χ^2 /NDF:2935.1/24

All: 0.196 $\pm$ 0.002 χ^2 /NDF: 7011.3/46

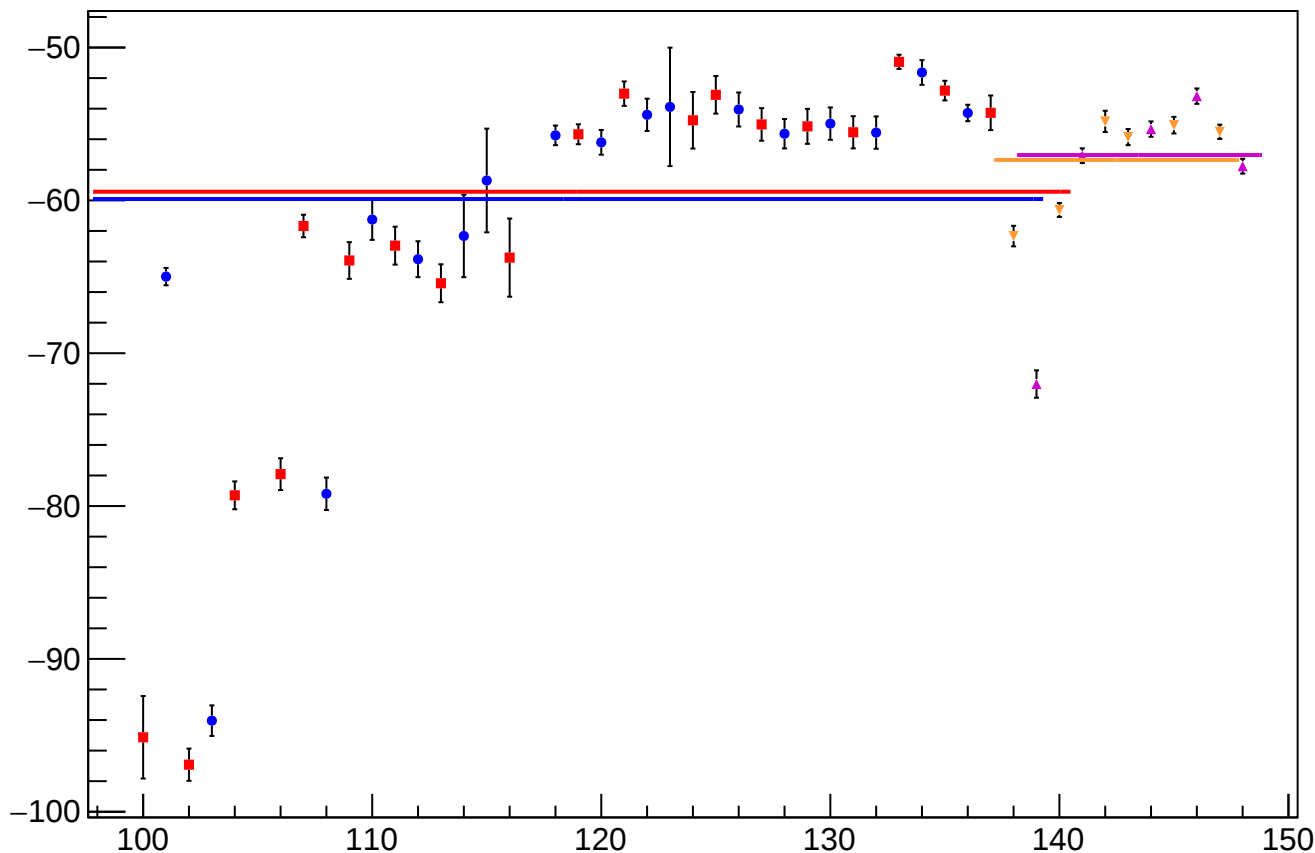
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.009+/-0.289 χ^2/NDF :106.9/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.407+/-0.299 χ^2/NDF :84.9/4

Left: -1.683+/-0.208 χ^2/NDF : 203.1/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.407+/-0.299 χ^2/NDF :84.9/4
 Out: -1.009+/-0.289 χ^2/NDF :106.9/5
 All: -1.683+/-0.208 χ^2/NDF : 203.1/10

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: -57.353 ± 0.220 χ^2/NDF : 160.1/5

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -57.033 ± 0.238 χ^2/NDF : 352.7/4

Left: -57.205 ± 0.162 χ^2/NDF : 513.7/10

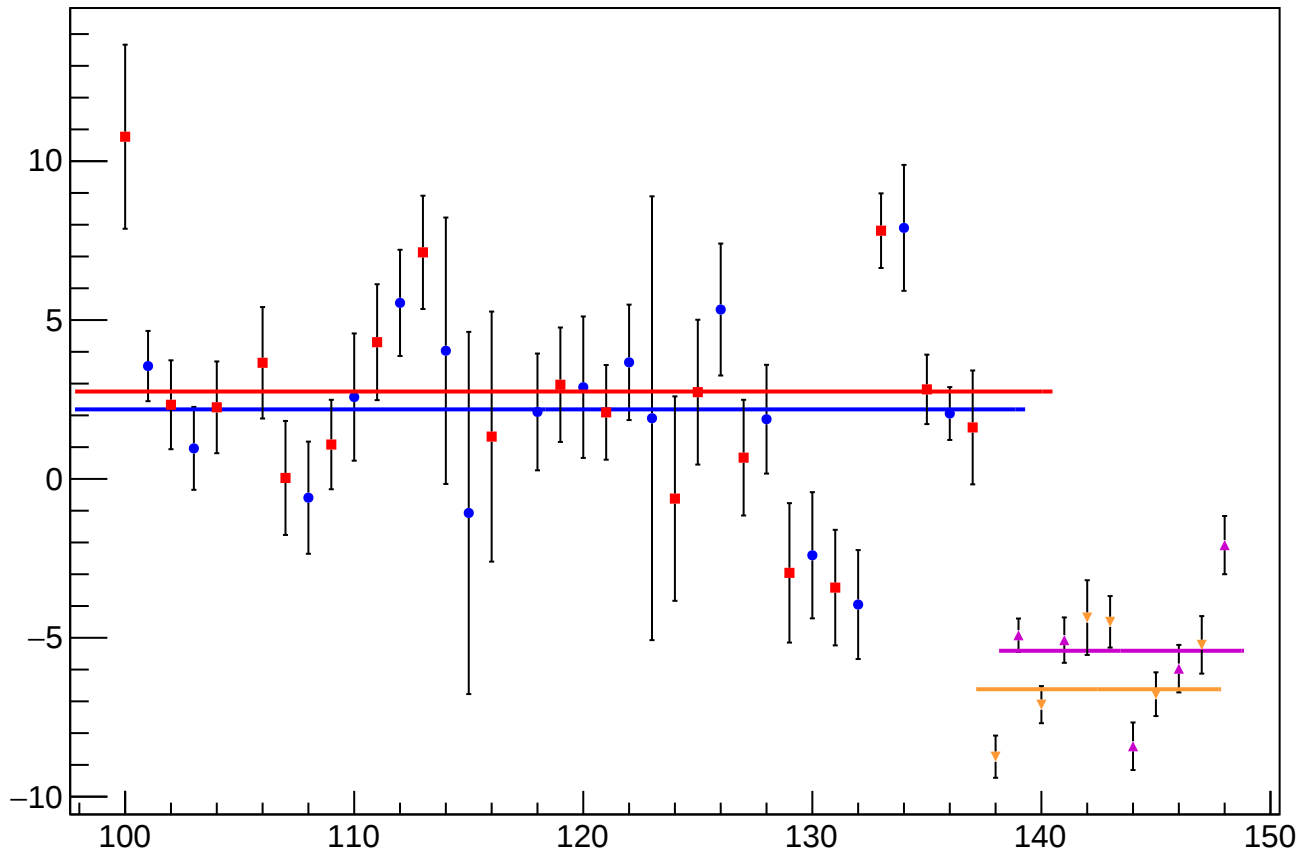
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -58.563 ± 0.163 χ^2/NDF : 2411.3/21

Out: -58.434 ± 0.153 χ^2/NDF : 3125.3/24

All: -58.495 ± 0.111 χ^2/NDF : 5537.0/46

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: -6.619 ± 0.305 $\chi^2/\text{NDF}: 23.9/5$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -5.408 ± 0.311 $\chi^2/\text{NDF}: 31.0/4$

Left: -6.026 ± 0.218 $\chi^2/\text{NDF}: 62.6/10$

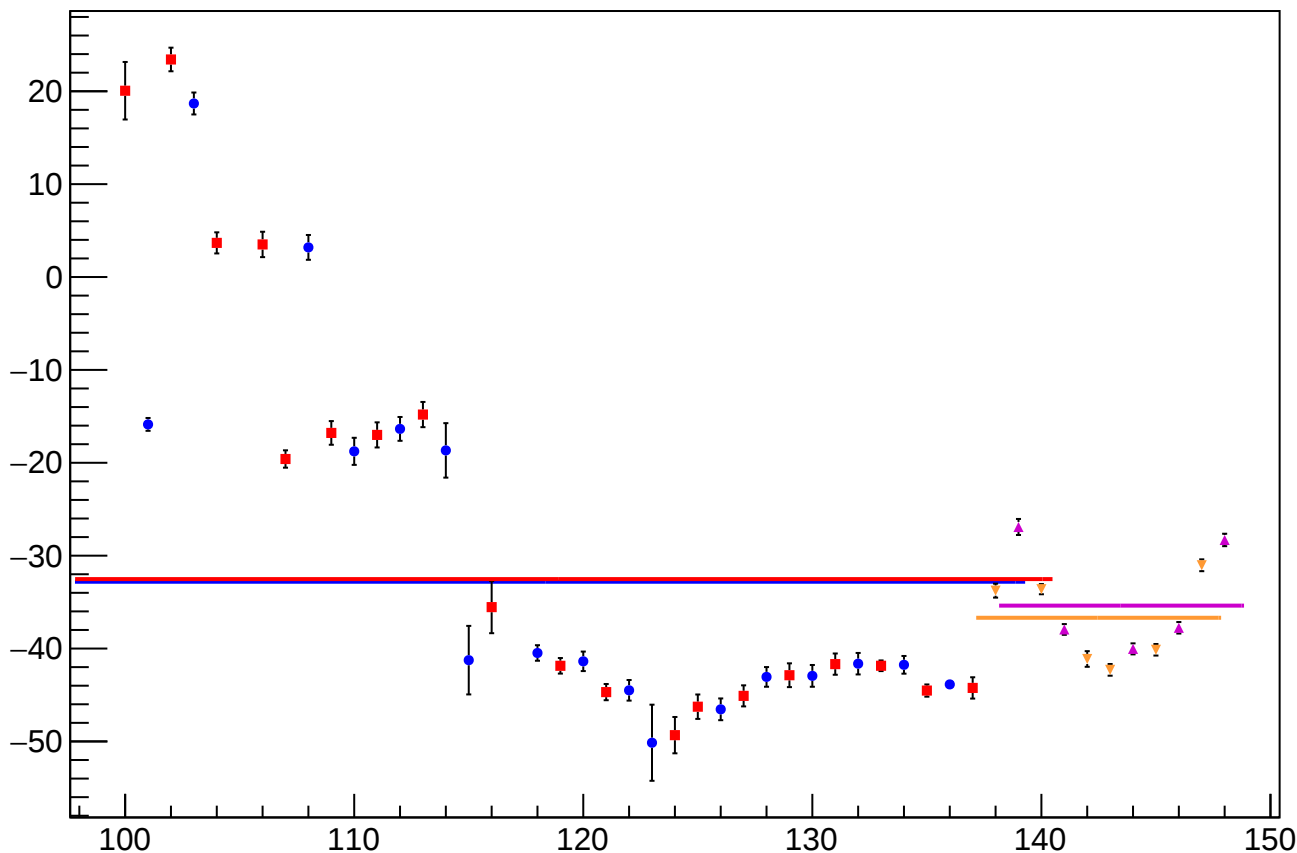
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -2.586 ± 0.247 $\chi^2/\text{NDF}: 291.7/21$

Out: -3.039 ± 0.239 $\chi^2/\text{NDF}: 444.0/24$

All: -2.819 ± 0.172 $\chi^2/\text{NDF}: 737.4/46$

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: -36.686 ± 0.267 $\chi^2/\text{NDF}: 262.7/5$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -35.378 ± 0.289 $\chi^2/\text{NDF}: 303.7/4$

Left: -36.084 ± 0.196 $\chi^2/\text{NDF}: 577.5/10$

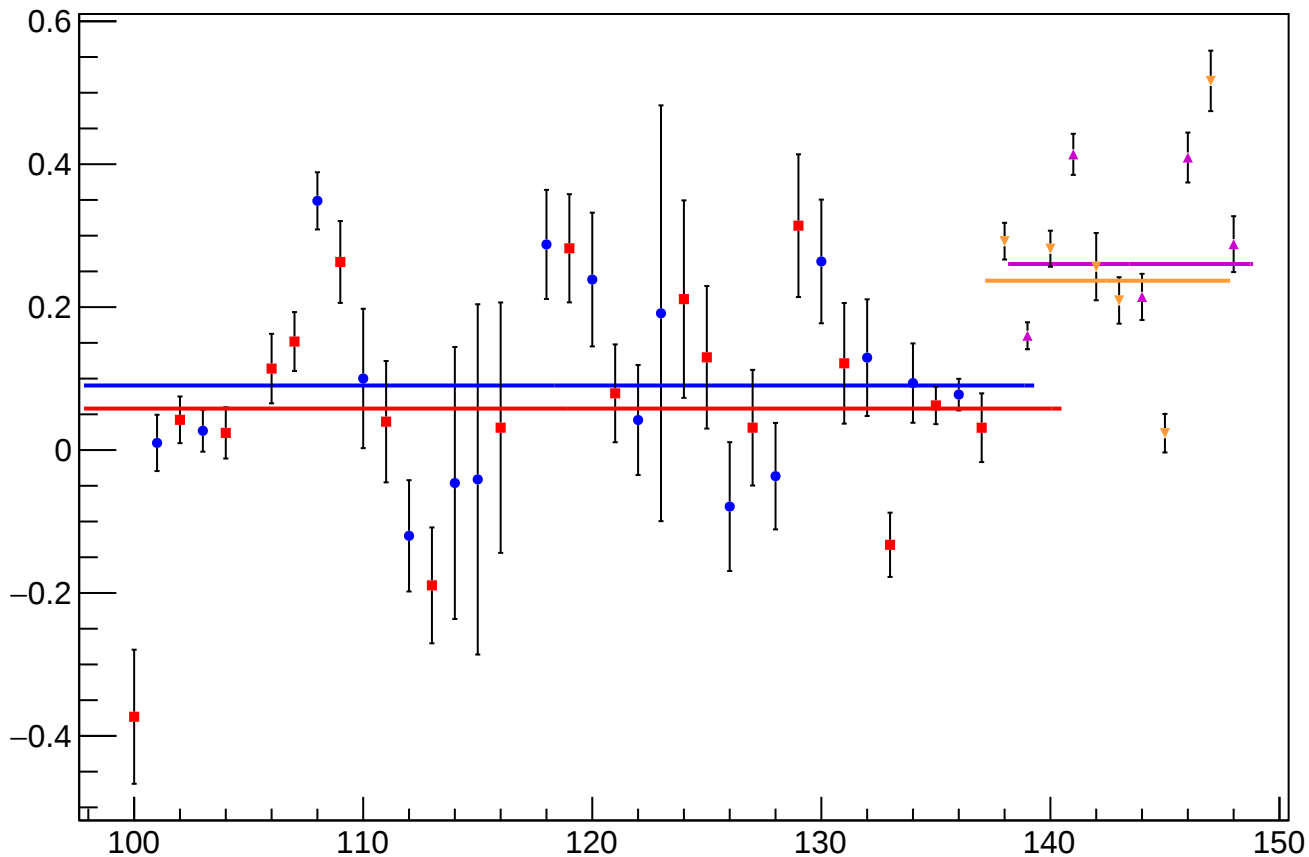
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -33.930 ± 0.191 $\chi^2/\text{NDF}: 5011.3/21$

Out: -34.416 ± 0.180 $\chi^2/\text{NDF}: 6435.8/24$

All: -34.188 ± 0.131 $\chi^2/\text{NDF}: 11450.5/46$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.237 ± 0.012 $\chi^2/\text{NDF}: 115.0/5$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.260 ± 0.012 $\chi^2/\text{NDF}: 77.6/4$

Left: 0.249 ± 0.009 $\chi^2/\text{NDF}: 194.3/10$

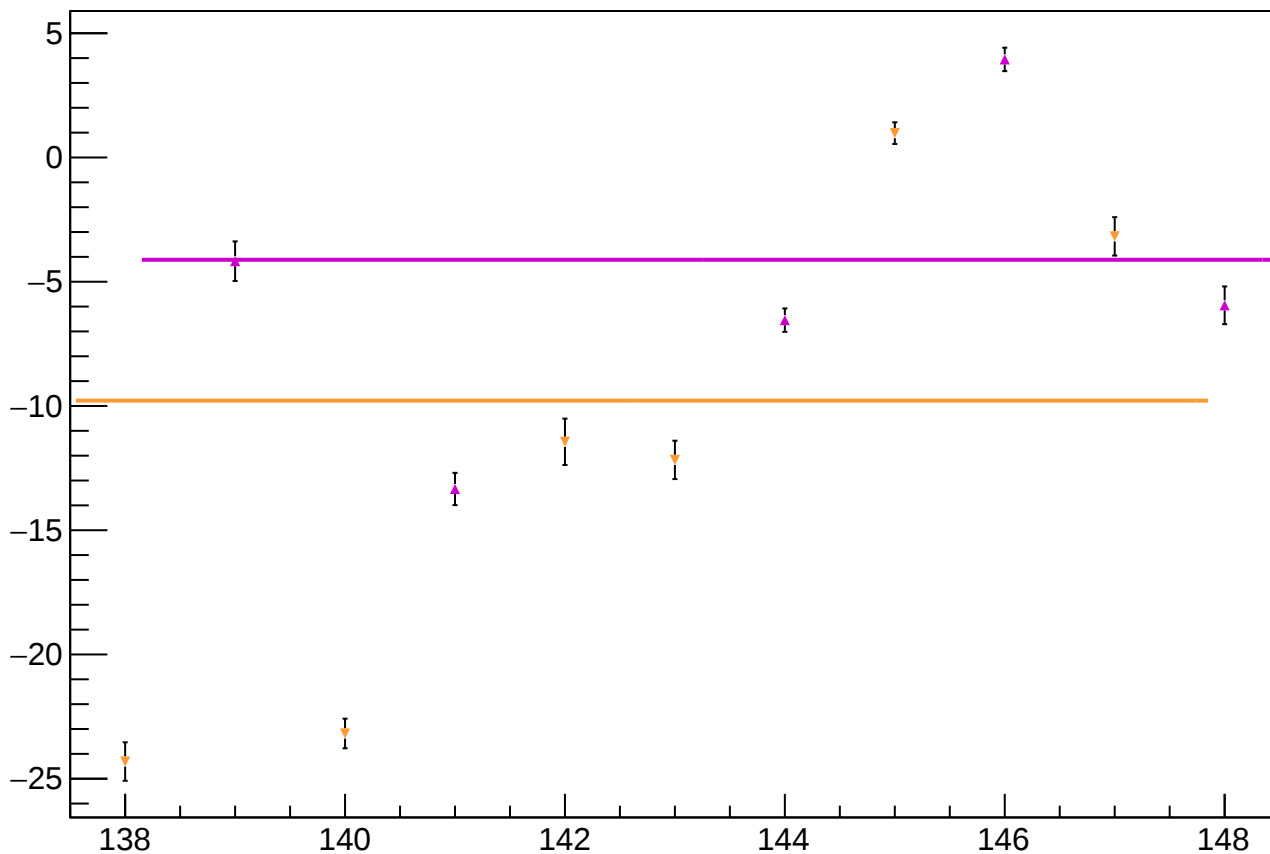
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.177 ± 0.009 $\chi^2/\text{NDF}: 248.1/21$

Out: 0.145 ± 0.009 $\chi^2/\text{NDF}: 307.6/24$

All: 0.161 ± 0.006 $\chi^2/\text{NDF}: 562.5/46$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



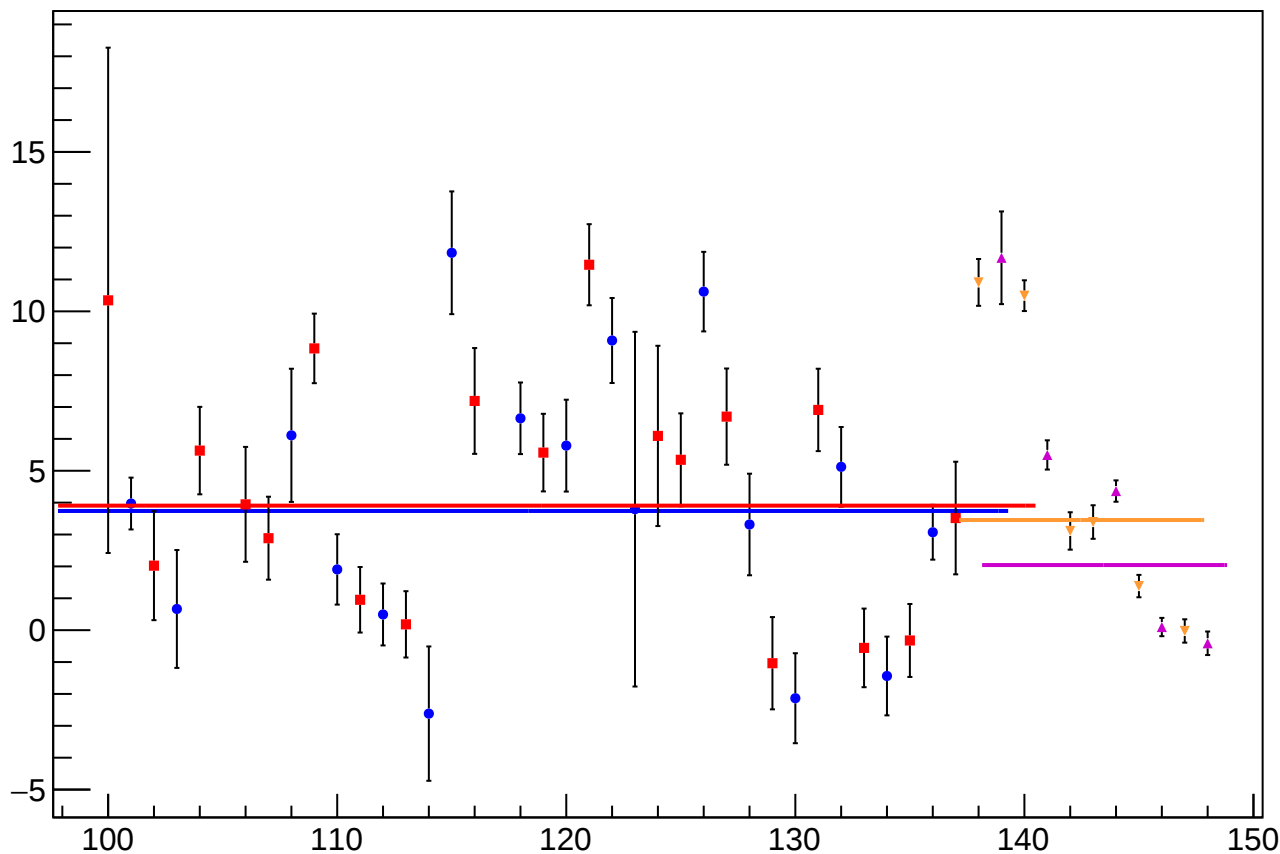
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.784+/-0.265 χ^2/NDF :1551.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.116+/-0.261 χ^2/NDF :525.4/4

Left: -6.908+/-0.186 χ^2/NDF : 2308.6/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.116+/-0.261 χ^2/NDF :525.4/4
 Out: -9.784+/-0.265 χ^2/NDF :1551.0/5

All: -6.908+/-0.186 χ^2/NDF : 2308.6/10

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 3.455 $\pm$ 0.188 χ^2 /NDF:441.3/5

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 2.042 $\pm$ 0.173 χ^2 /NDF:238.6/4

Left: 2.688 $\pm$ 0.127 χ^2 /NDF: 710.5/10

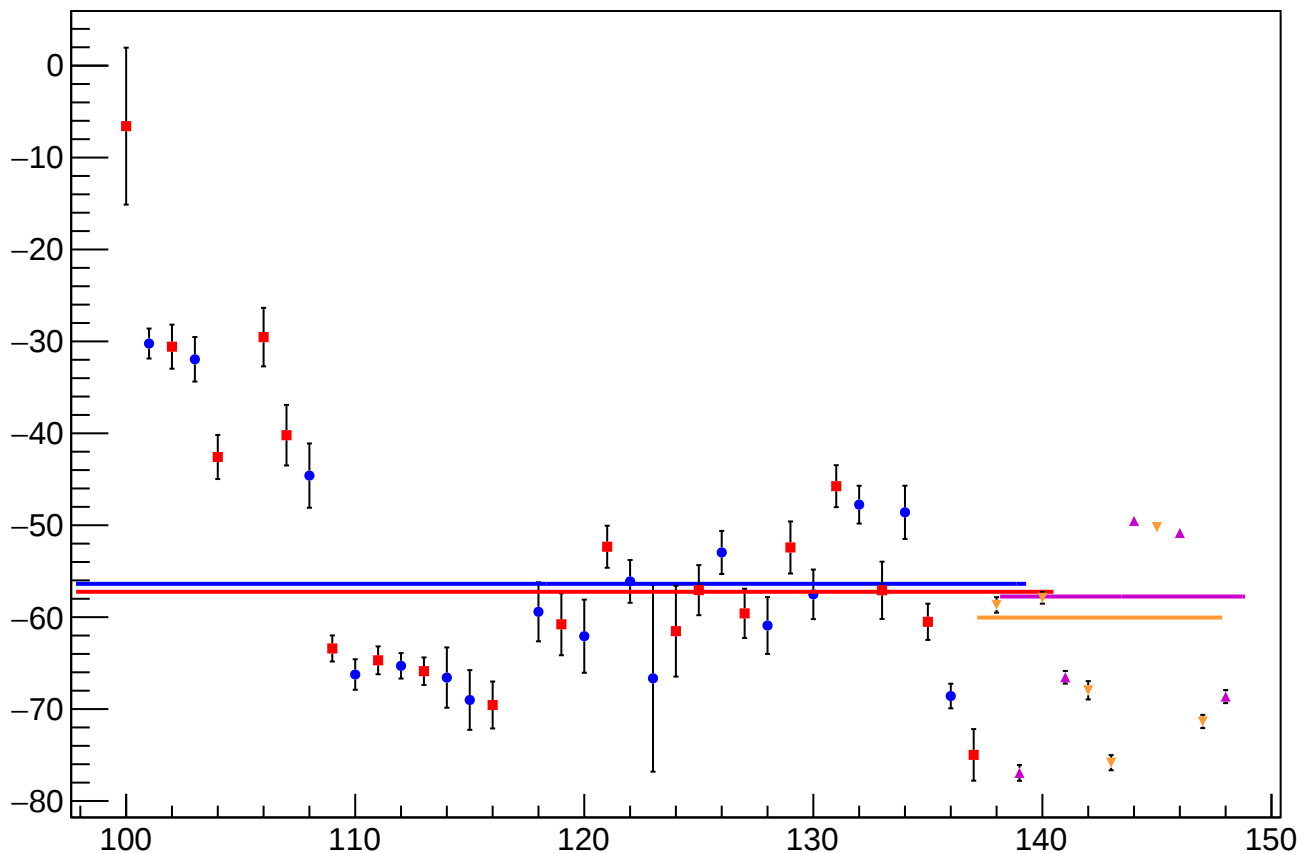
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 2.445 $\pm$ 0.151 χ^2 /NDF:398.4/21

Out: 3.573 $\pm$ 0.162 χ^2 /NDF:578.3/24

All: 2.969 $\pm$ 0.110 χ^2 /NDF: 1002.8/46

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -60.042 ± 0.278 χ^2/NDF : 1140.5/5

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -57.756 ± 0.265 χ^2/NDF : 1390.1/4

Left: -58.846 ± 0.192 χ^2/NDF : 2566.1/10

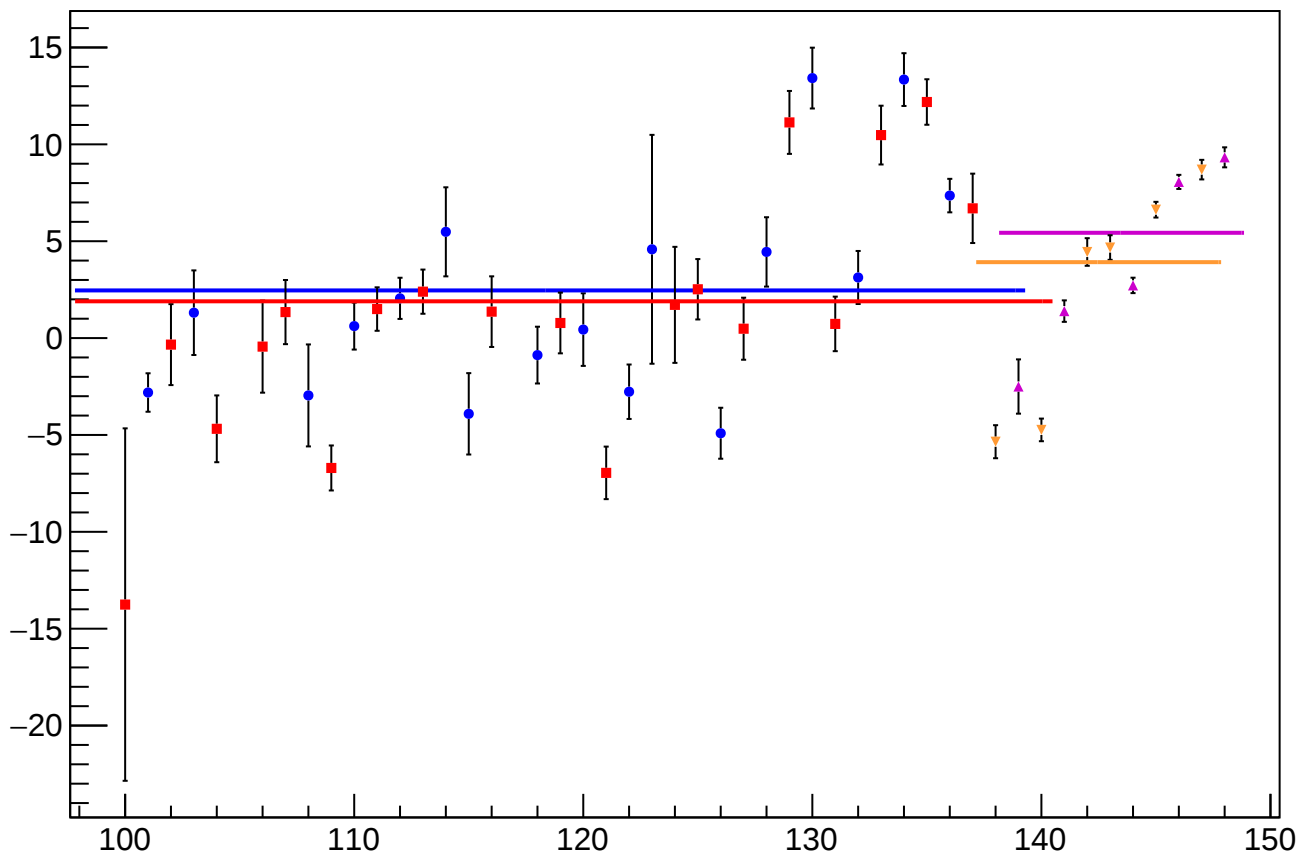
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -57.489 ± 0.238 χ^2/NDF : 1983.0/21

Out: -59.448 ± 0.247 χ^2/NDF : 1638.4/24

All: -58.435 ± 0.171 χ^2/NDF : 3654.0/46

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: 3.919 ± 0.231 χ^2/NDF : 473.8/5

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 5.435 ± 0.216 χ^2/NDF : 240.5/4

Left: 4.726 ± 0.158 χ^2/NDF : 737.3/10

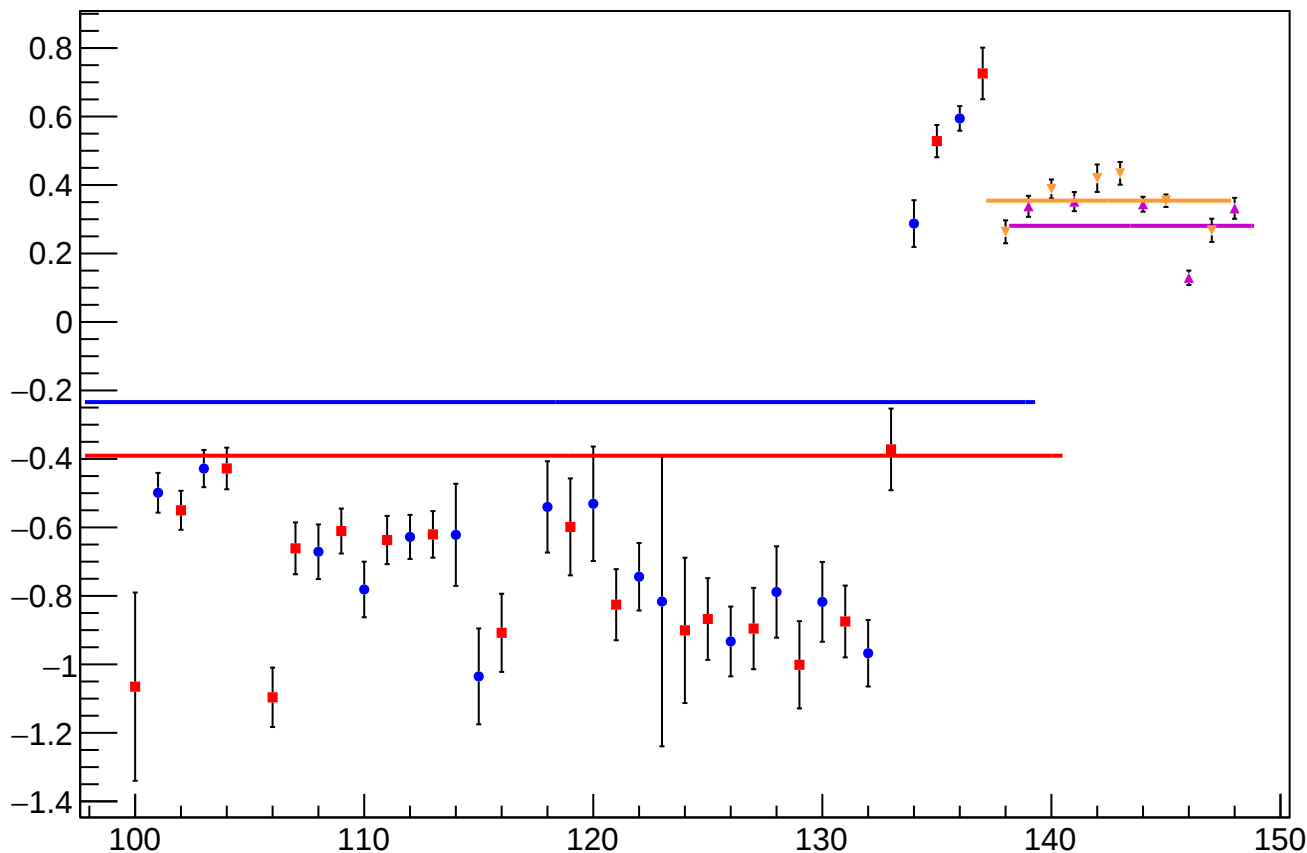
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 4.599 ± 0.184 χ^2/NDF : 537.6/21

Out: 3.318 ± 0.193 χ^2/NDF : 764.7/24

All: 3.992 ± 0.133 χ^2/NDF : 1325.3/46

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: 0.354 ± 0.011 χ^2/NDF : 23.8/5

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.281 ± 0.011 χ^2/NDF : 72.5/4

Left: 0.317 ± 0.008 χ^2/NDF : 117.1/10

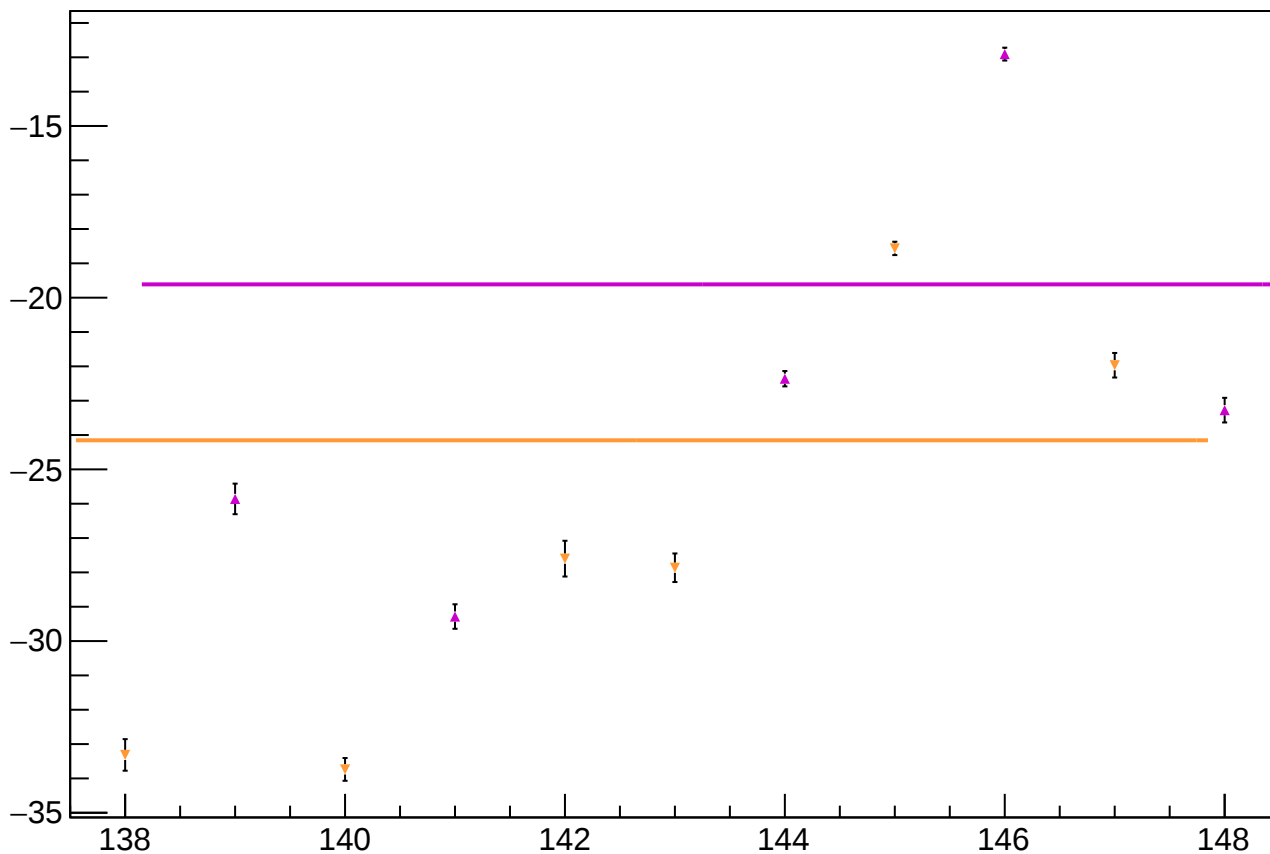
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.144 ± 0.010 χ^2/NDF : 1576.4/21

Out: 0.155 ± 0.010 χ^2/NDF : 2007.1/24

All: 0.150 ± 0.007 χ^2/NDF : 3584.1/46

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: -24.153+/-0.132 χ^2/NDF :2213.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.613+/-0.120 χ^2/NDF :2467.1/4

Left: -21.672+/-0.089 χ^2/NDF : 5327.9/10

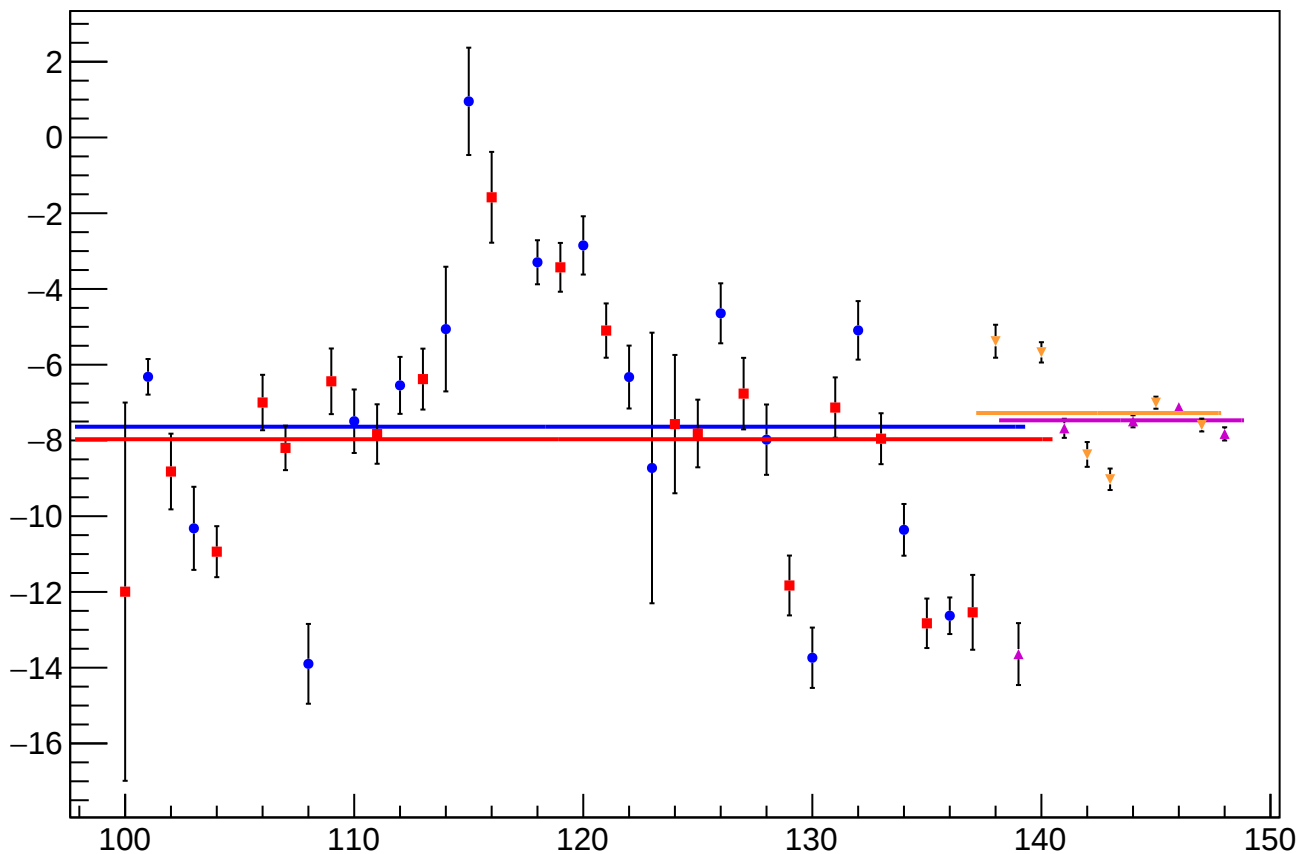
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.613+/-0.120 χ^2/NDF :2467.1/4

Out: -24.153+/-0.132 χ^2/NDF :2213.8/5

All: -21.672+/-0.089 χ^2/NDF : 5327.9/10

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: -7.276 ± 0.093 χ^2/NDF : 110.3/5

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.469 ± 0.078 χ^2/NDF : 70.7/4

Left: -7.389 ± 0.060 χ^2/NDF : 183.5/10

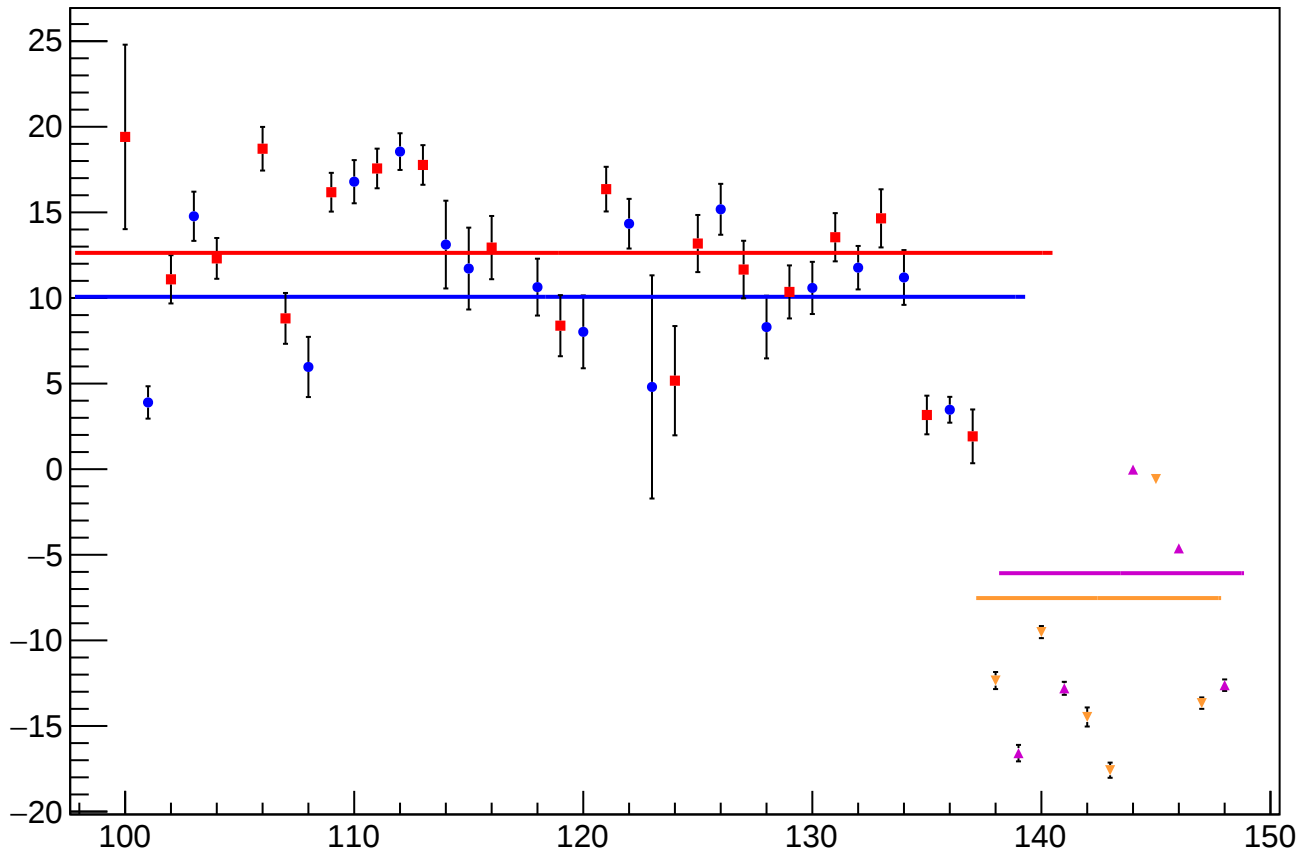
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.494 ± 0.072 χ^2/NDF : 465.3/21

Out: -7.415 ± 0.083 χ^2/NDF : 348.6/24

All: -7.460 ± 0.055 χ^2/NDF : 814.5/46

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: -7.529 $\pm$ 0.138 χ^2 /NDF:2270.5/5

Right Out: 12.635 $\pm$ 0.332 χ^2 /NDF: 220.5/18

Left In: -6.075 $\pm$ 0.121 χ^2 /NDF:1873.2/4

Left: -6.709 $\pm$ 0.091 χ^2 /NDF: 4206.6/10

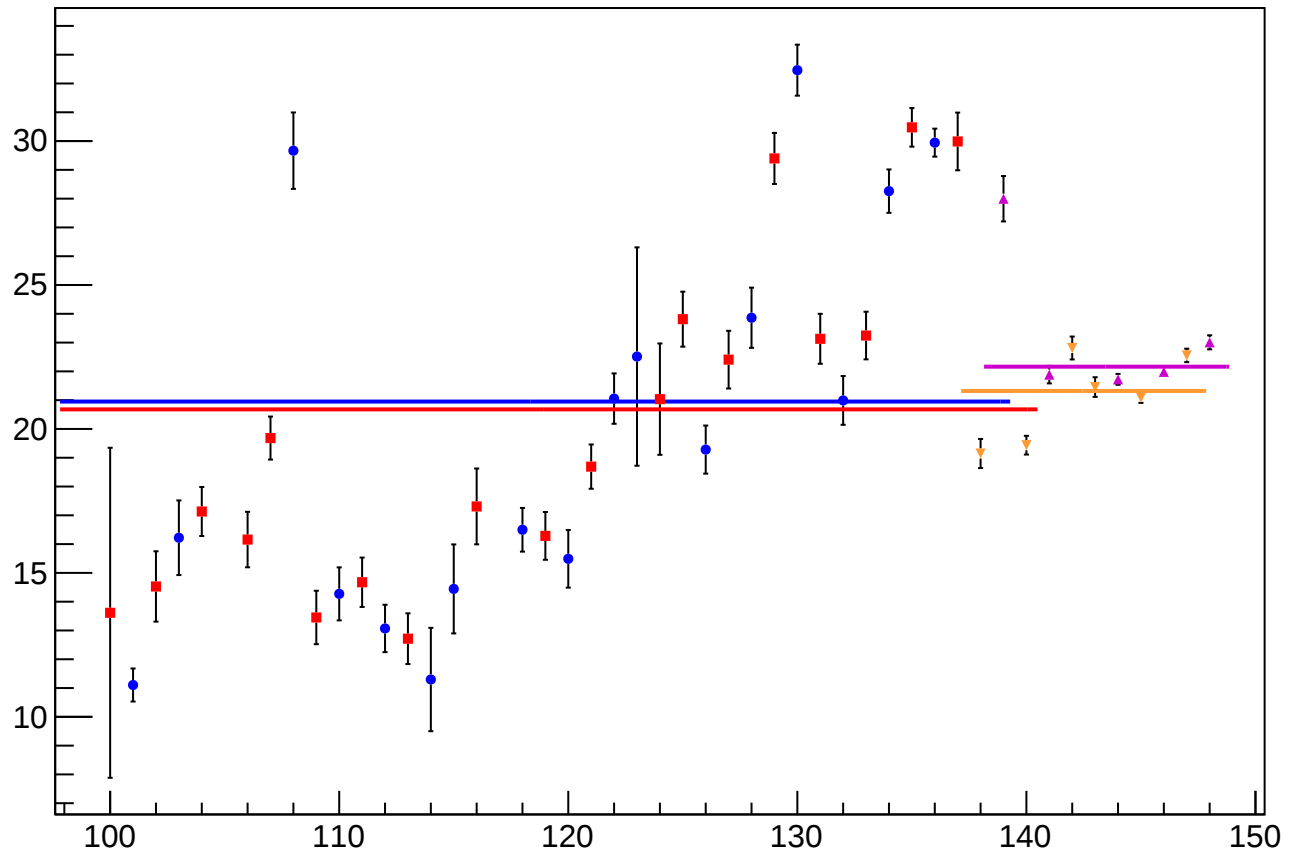
Right: 11.370 $\pm$ 0.237 χ^2 /NDF: 503.5/35

In: -4.237 $\pm$ 0.114 χ^2 /NDF:4155.2/21

Out: -4.582 $\pm$ 0.127 χ^2 /NDF:5631.6/24

All: -4.390 $\pm$ 0.085 χ^2 /NDF: 9790.9/46

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: 21.320 $\pm$ 0.115 χ^2 /NDF: 95.8/5

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.163 $\pm$ 0.098 χ^2 /NDF: 74.5/4

Left: 21.805 $\pm$ 0.075 χ^2 /NDF: 201.5/10

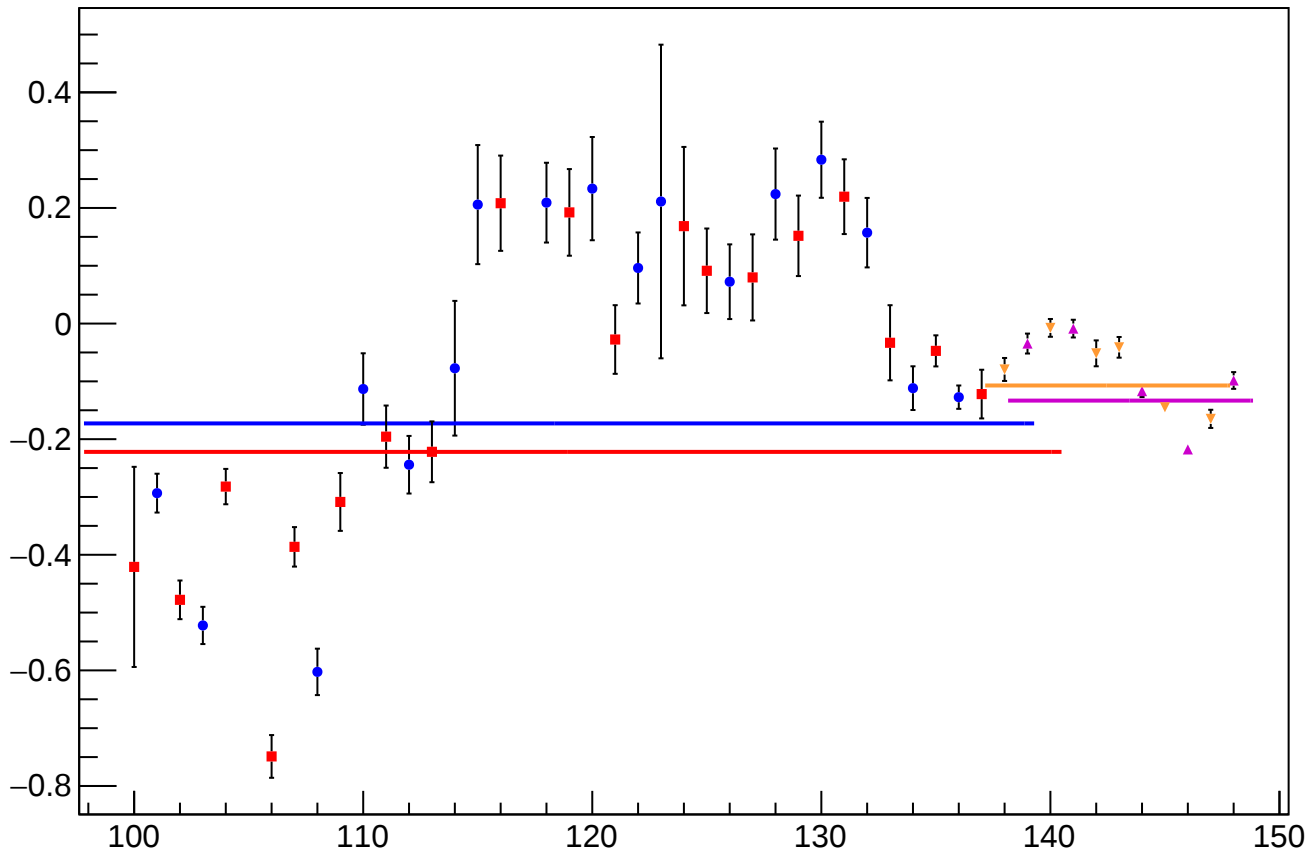
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 21.945 $\pm$ 0.089 χ^2 /NDF: 1324.6/21

Out: 21.176 $\pm$ 0.101 χ^2 /NDF: 831.3/24

All: 21.608 $\pm$ 0.067 χ^2 /NDF: 2188.6/46

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.107 ± 0.006 χ^2/NDF : 98.8/5

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.133 ± 0.005 χ^2/NDF : 207.1/4

Left: -0.121 ± 0.004 χ^2/NDF : 317.3/10

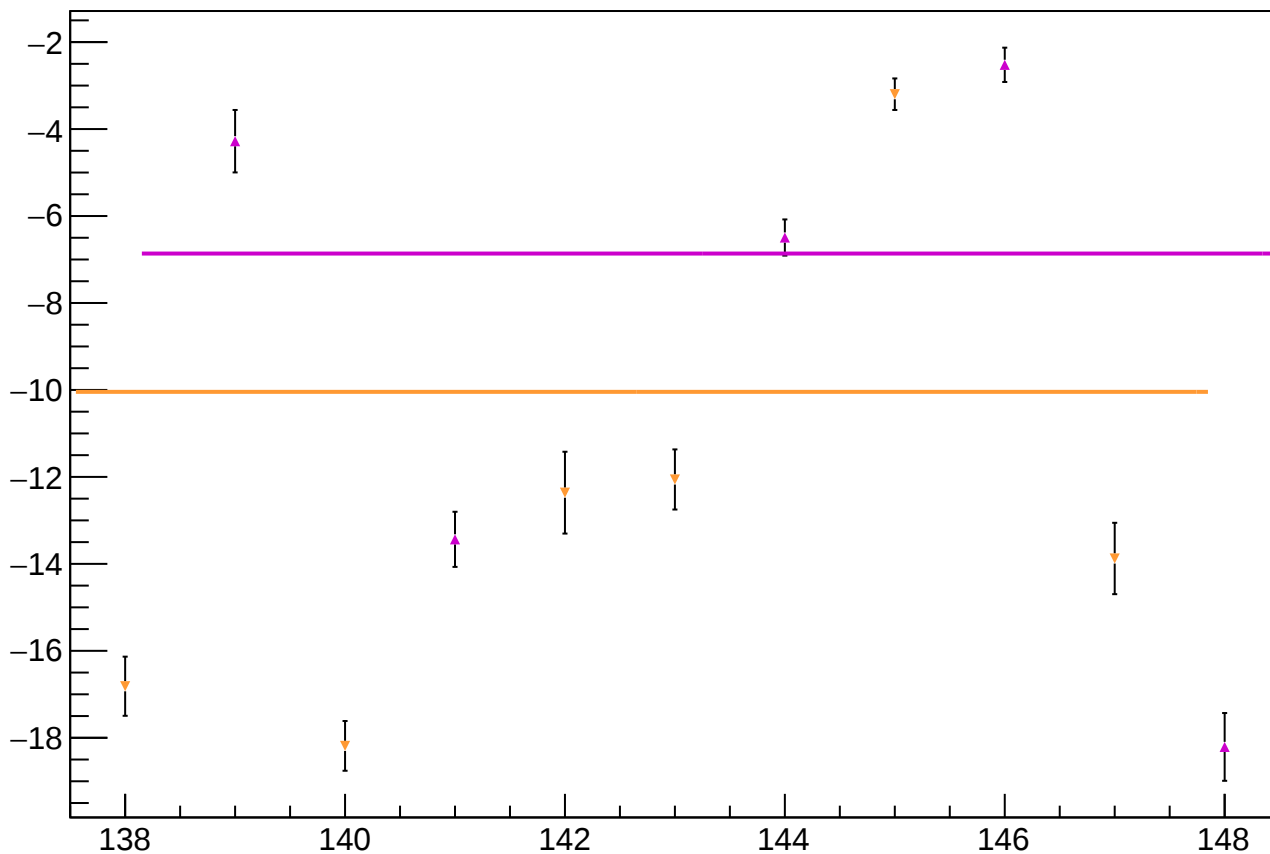
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.140 ± 0.005 χ^2/NDF : 677.6/21

Out: -0.131 ± 0.005 χ^2/NDF : 722.1/24

All: -0.136 ± 0.003 χ^2/NDF : 1401.4/46

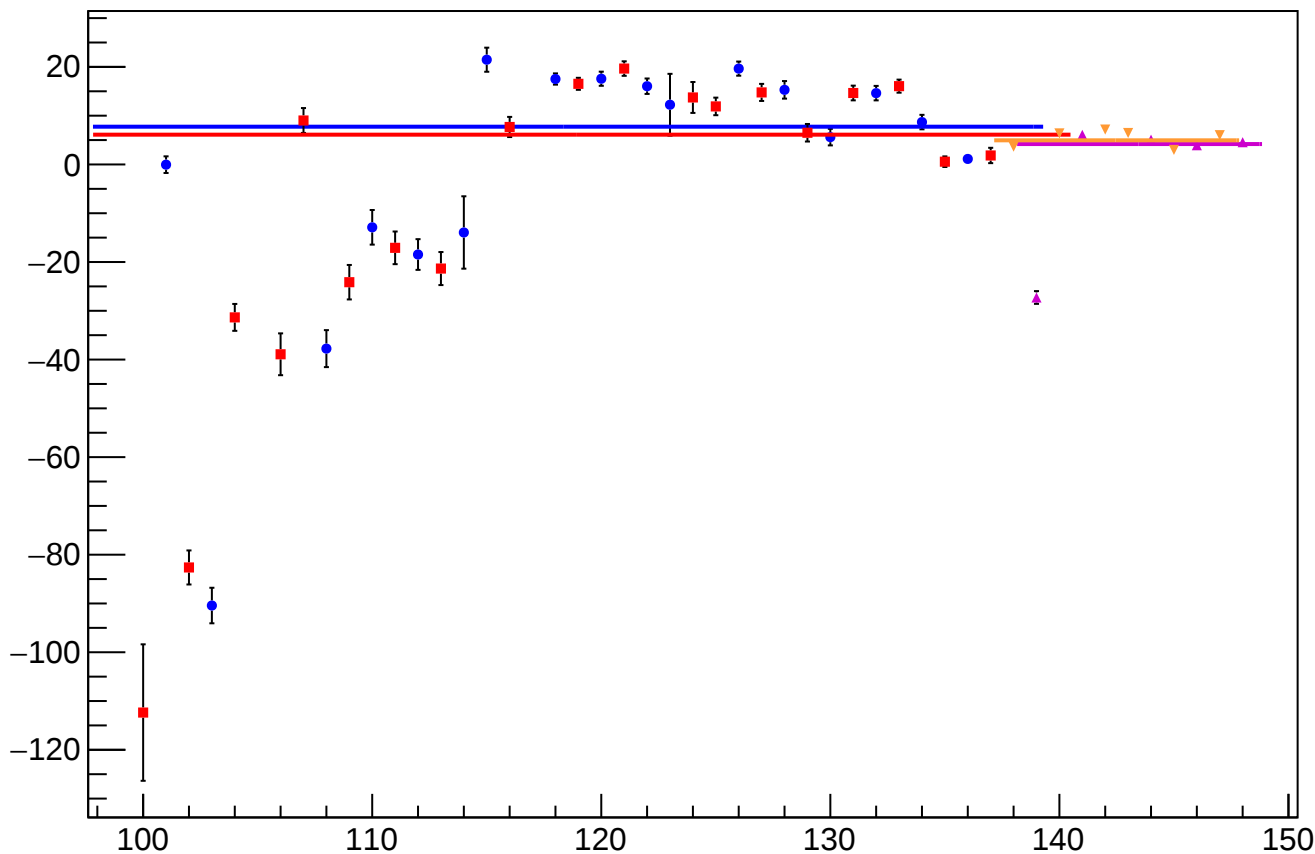
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -10.044+/-0.239 χ^2/NDF : 694.3/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.863+/-0.234 χ^2/NDF : 454.3/4

Left: -8.420+/-0.167 χ^2/NDF : 1239.1/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.863+/-0.234 χ^2/NDF : 454.3/4
 Out: -10.044+/-0.239 χ^2/NDF : 694.3/5
 All: -8.420+/-0.167 χ^2/NDF : 1239.1/10

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: 4.948 ± 0.174 χ^2/NDF : 91.1/5

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 4.183 ± 0.159 χ^2/NDF : 607.9/4

Left: 4.530 ± 0.117 χ^2/NDF : 709.5/10

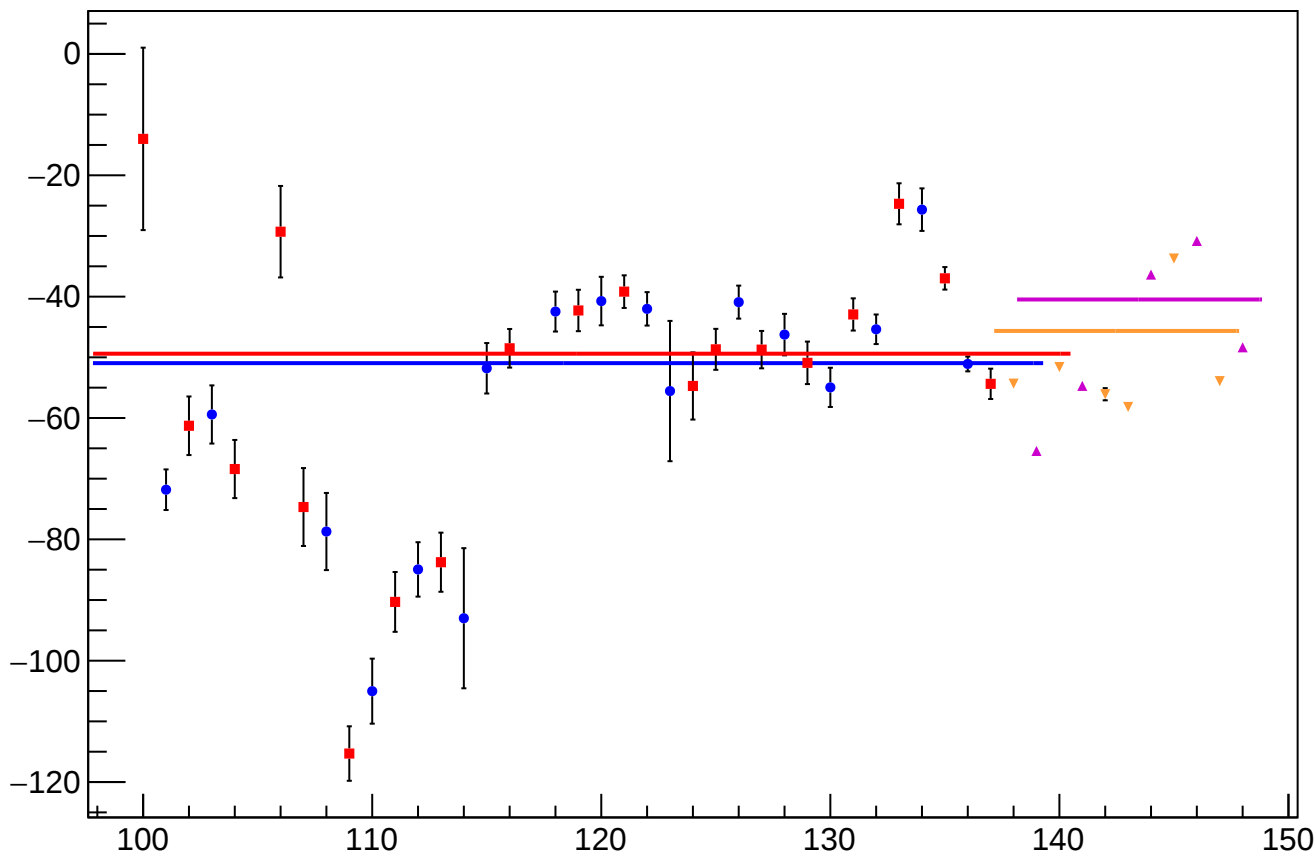
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 4.661 ± 0.148 χ^2/NDF : 2034.3/21

Out: 5.109 ± 0.162 χ^2/NDF : 1614.9/24

All: 4.865 ± 0.109 χ^2/NDF : 3653.4/46

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: -45.652 ± 0.252 χ^2/NDF : 1695.3/5

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -40.468 ± 0.238 χ^2/NDF : 2325.8/4

Left: -42.908 ± 0.173 χ^2/NDF : 4244.8/10

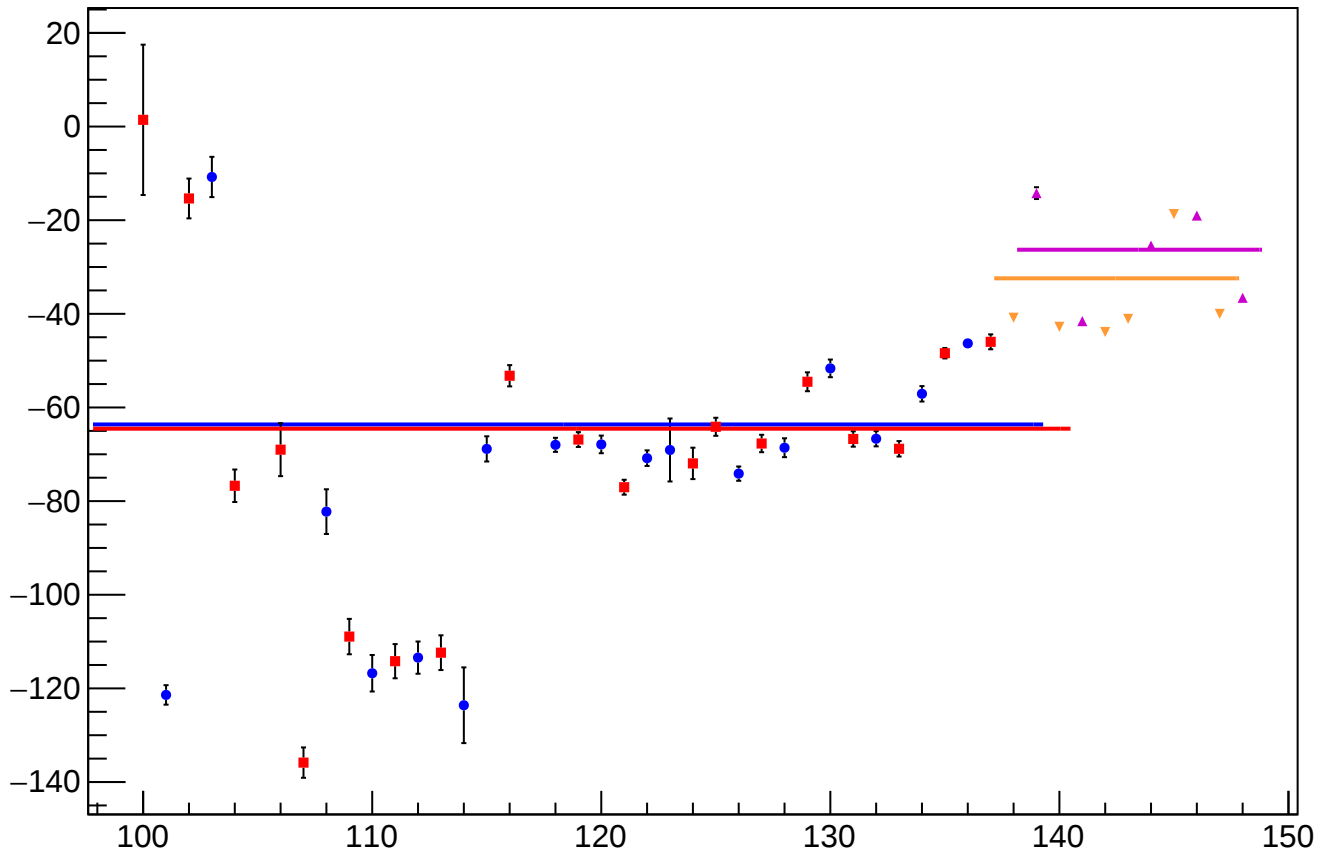
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -41.454 ± 0.226 χ^2/NDF : 2840.6/21

Out: -45.993 ± 0.240 χ^2/NDF : 2227.4/24

All: -43.586 ± 0.165 χ^2/NDF : 5257.1/46

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -32.416 ± 0.211 χ^2/NDF : 2837.7/5

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -26.304 ± 0.197 χ^2/NDF : 1802.4/4

Left: -29.147 ± 0.144 χ^2/NDF : 5087.5/10

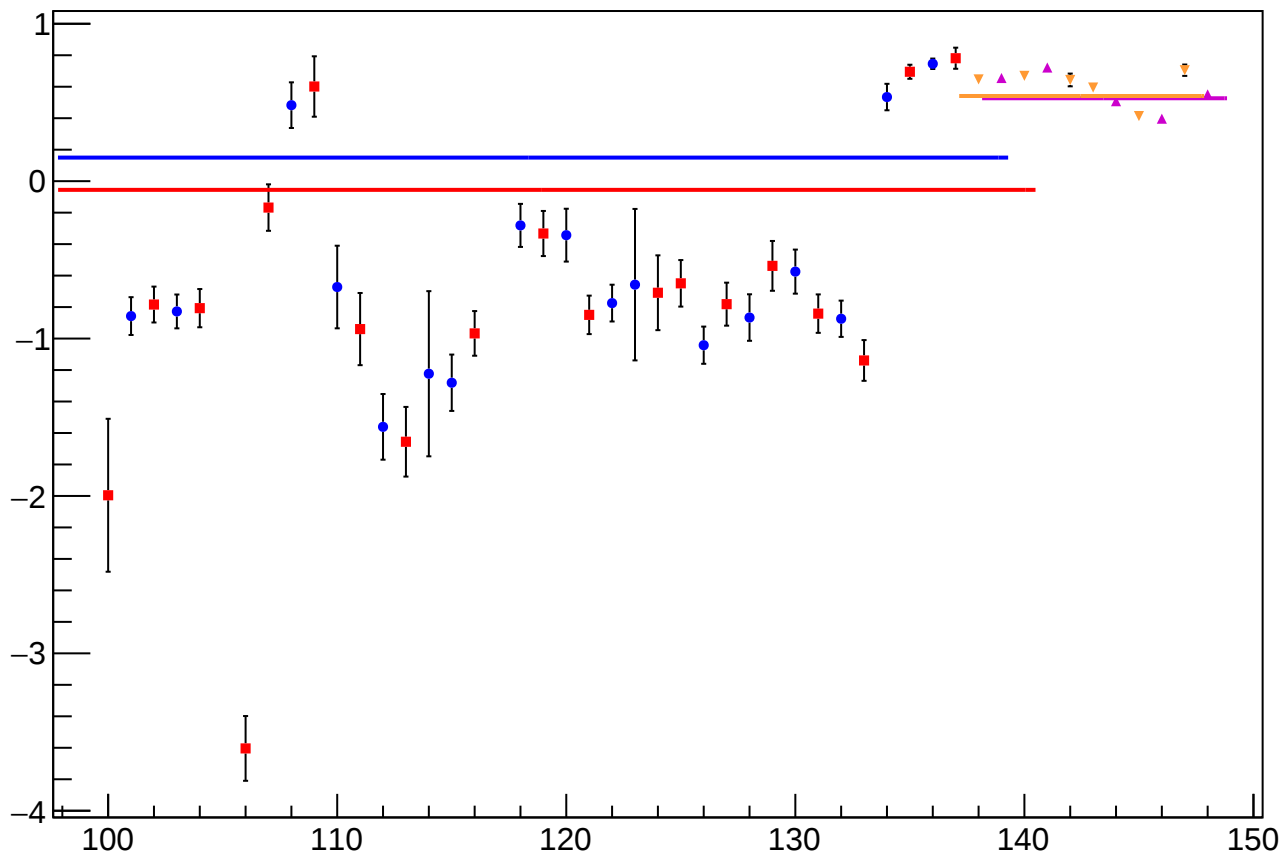
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -32.404 ± 0.180 χ^2/NDF : 9677.4/21

Out: -37.592 ± 0.194 χ^2/NDF : 8173.5/24

All: -34.815 ± 0.132 χ^2/NDF : 18235.7/46

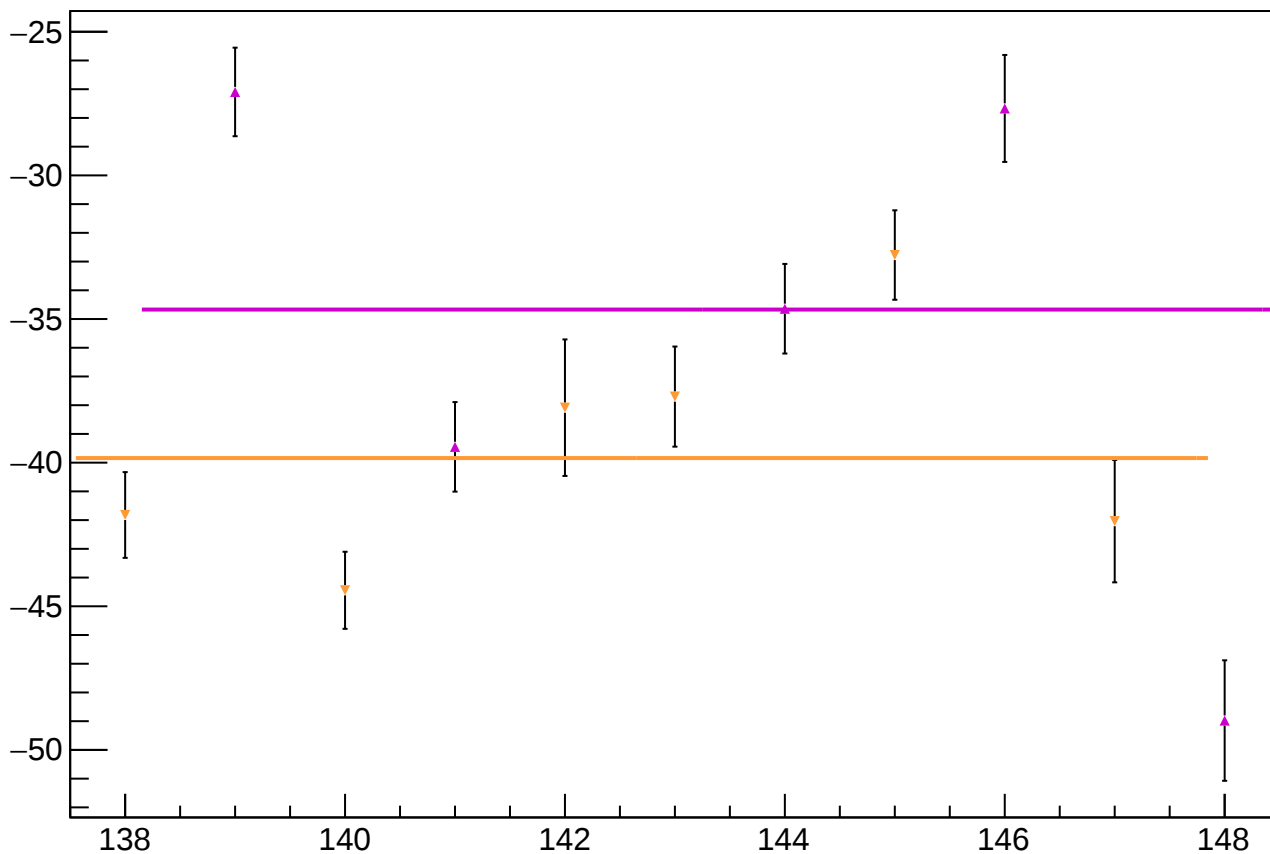
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.541 ± 0.010 $\chi^2/\text{NDF}: 136.7/5$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.527 ± 0.010 $\chi^2/\text{NDF}: 127.5/4$

Left: 0.534 ± 0.007 $\chi^2/\text{NDF}: 265.2/10$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.469 ± 0.009 $\chi^2/\text{NDF}: 1325.5/21$
 Out: 0.461 ± 0.010 $\chi^2/\text{NDF}: 1755.7/24$
 All: 0.465 ± 0.007 $\chi^2/\text{NDF}: 3081.5/46$

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: -39.840+/-0.683 χ^2/NDF : 37.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.671+/-0.754 χ^2/NDF : 94.2/4

Left: -37.510+/-0.506 χ^2/NDF : 157.3/10

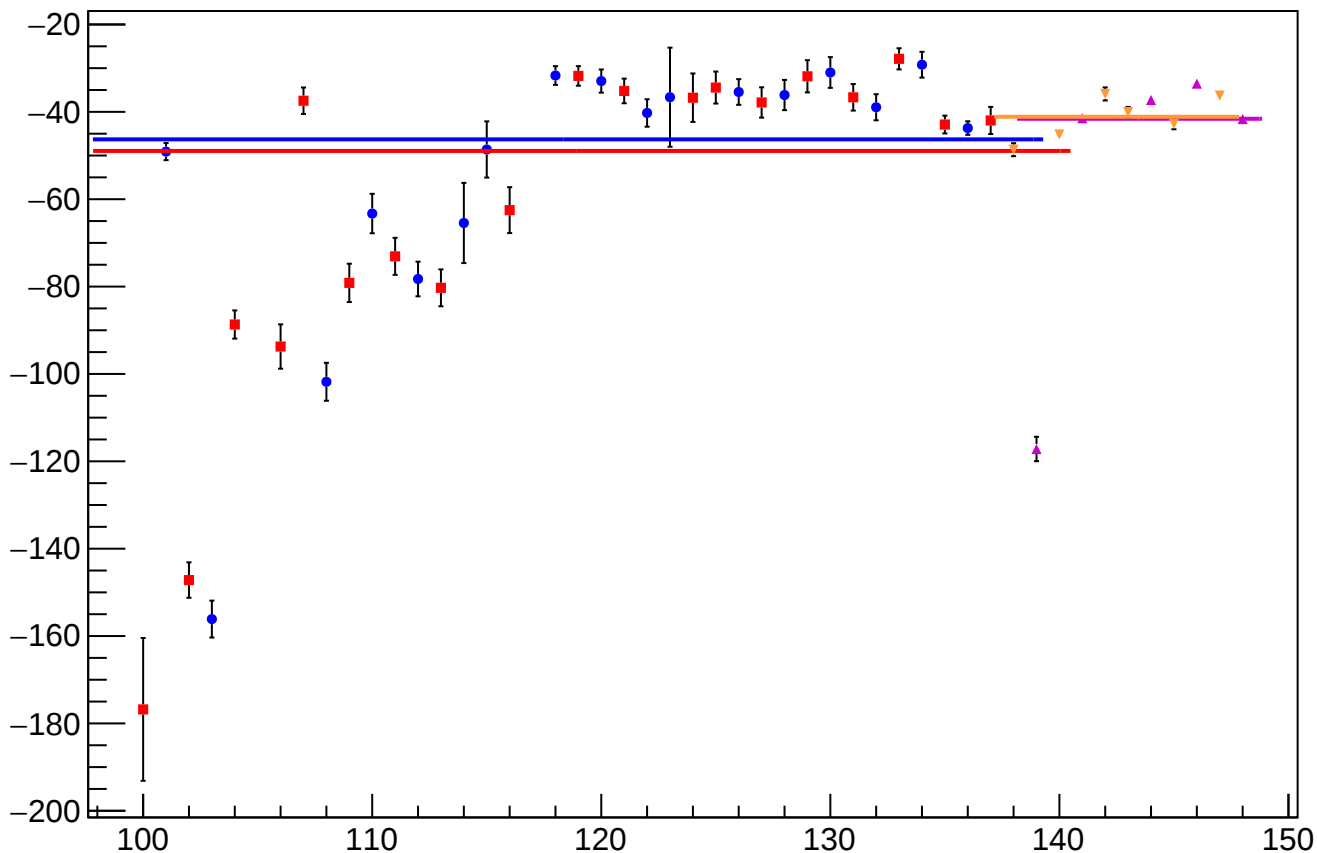
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.671+/-0.754 χ^2/NDF : 94.2/4

Out: -39.840+/-0.683 χ^2/NDF : 37.3/5

All: -37.510+/-0.506 χ^2/NDF : 157.3/10

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -41.126 ± 0.499 $\chi^2/\text{NDF}: 76.7/5$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -41.582 ± 0.537 $\chi^2/\text{NDF}: 797.8/4$

Left: -41.337 ± 0.365 $\chi^2/\text{NDF}: 874.9/10$

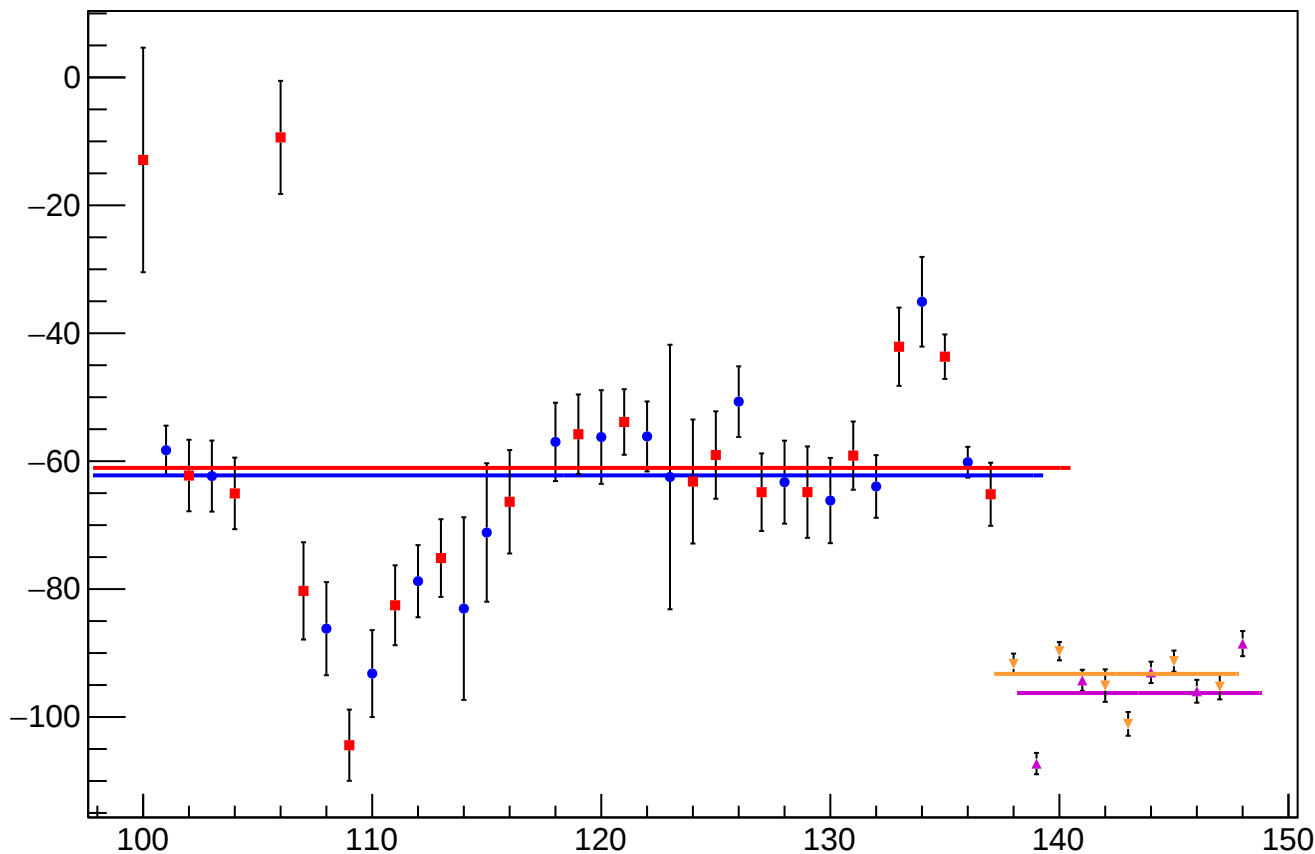
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -43.259 ± 0.431 $\chi^2/\text{NDF}: 1909.2/21$

Out: -43.468 ± 0.417 $\chi^2/\text{NDF}: 1424.0/24$

All: -43.367 ± 0.300 $\chi^2/\text{NDF}: 3333.3/46$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -93.254 ± 0.719 $\chi^2/\text{NDF}: 27.7/5$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

Left In: -96.249 ± 0.777 $\chi^2/\text{NDF}: 64.4/4$

Left: -94.635 ± 0.528 $\chi^2/\text{NDF}: 100.2/10$

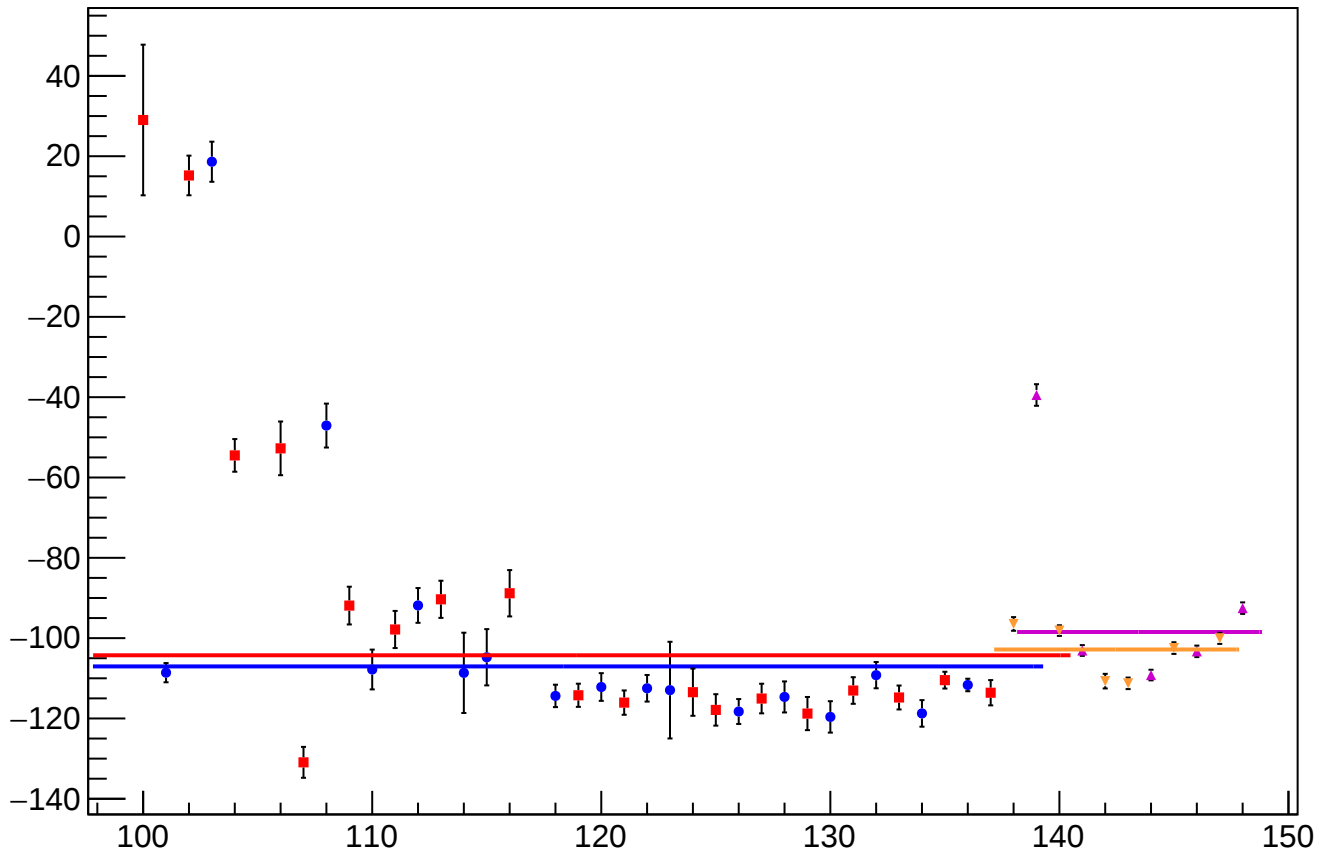
Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$

In: -87.406 ± 0.669 $\chi^2/\text{NDF}: 629.9/21$

Out: -86.366 ± 0.638 $\chi^2/\text{NDF}: 622.7/24$

All: -86.861 ± 0.461 $\chi^2/\text{NDF}: 1253.8/46$

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: -102.827 ± 0.610 χ^2/NDF : 83.8/5

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -98.472 ± 0.667 χ^2/NDF : 588.0/4

Left: -100.842 ± 0.450 χ^2/NDF : 694.9/10

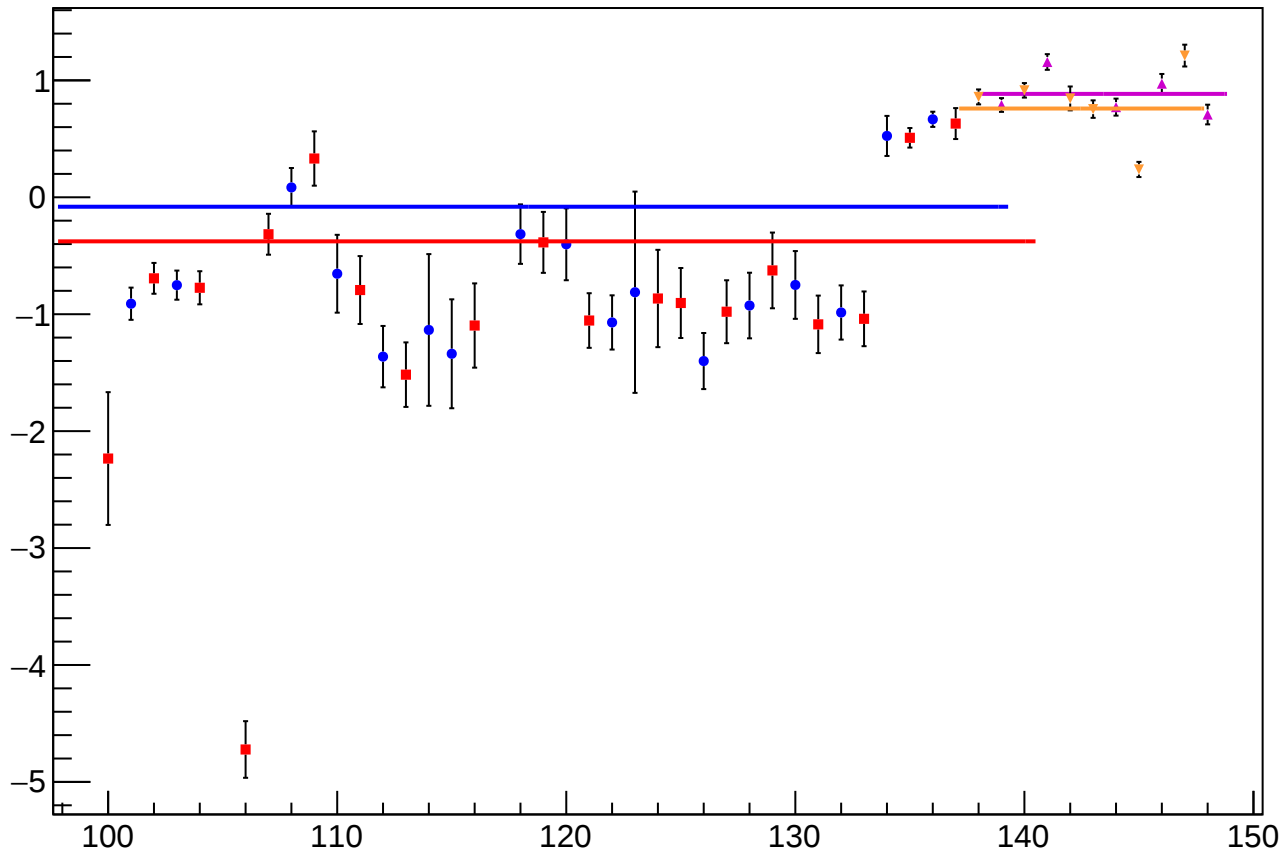
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -101.922 ± 0.515 χ^2/NDF : 1482.3/21

Out: -103.310 ± 0.498 χ^2/NDF : 1103.7/24

All: -102.640 ± 0.358 χ^2/NDF : 2589.7/46

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: 0.759 ± 0.030 χ^2/NDF : 97.5/5

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.884 ± 0.032 χ^2/NDF : 27.1/4

Left: 0.817 ± 0.022 χ^2/NDF : 132.9/10

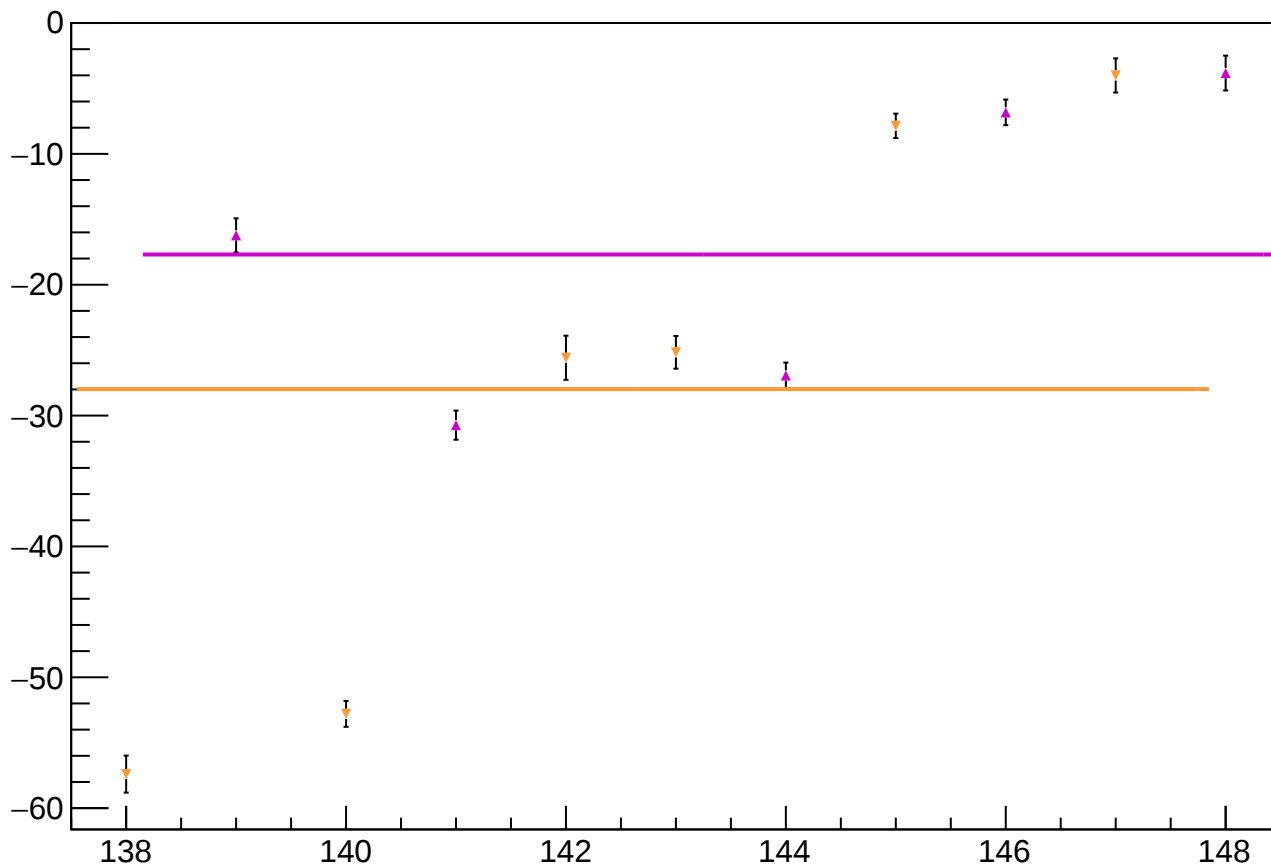
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.534 ± 0.025 χ^2/NDF : 689.4/21

Out: 0.401 ± 0.025 χ^2/NDF : 1140.3/24

All: 0.466 ± 0.018 χ^2/NDF : 1843.9/46

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: -27.975+/-0.484 χ^2/NDF :1873.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.690+/-0.498 χ^2/NDF :458.0/4

Left: -22.974+/-0.347 χ^2/NDF : 2551.0/10

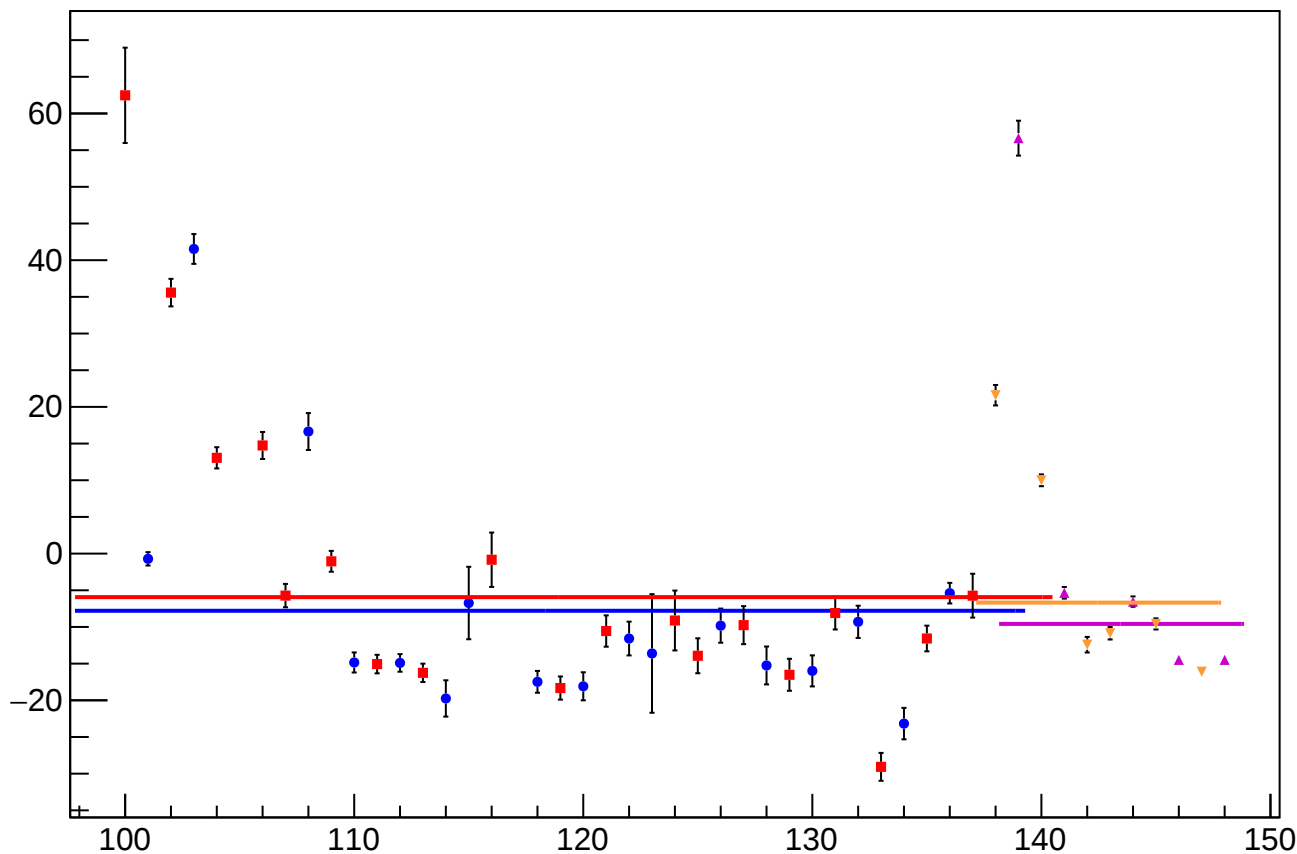
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.690+/-0.498 χ^2/NDF :458.0/4

Out: -27.975+/-0.484 χ^2/NDF :1873.9/5

All: -22.974+/-0.347 χ^2/NDF : 2551.0/10

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: -6.681 ± 0.341 χ^2/NDF : 1133.7/5

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -9.586 ± 0.337 χ^2/NDF : 941.6/4

Left: -8.150 ± 0.240 χ^2/NDF : 2112.0/10

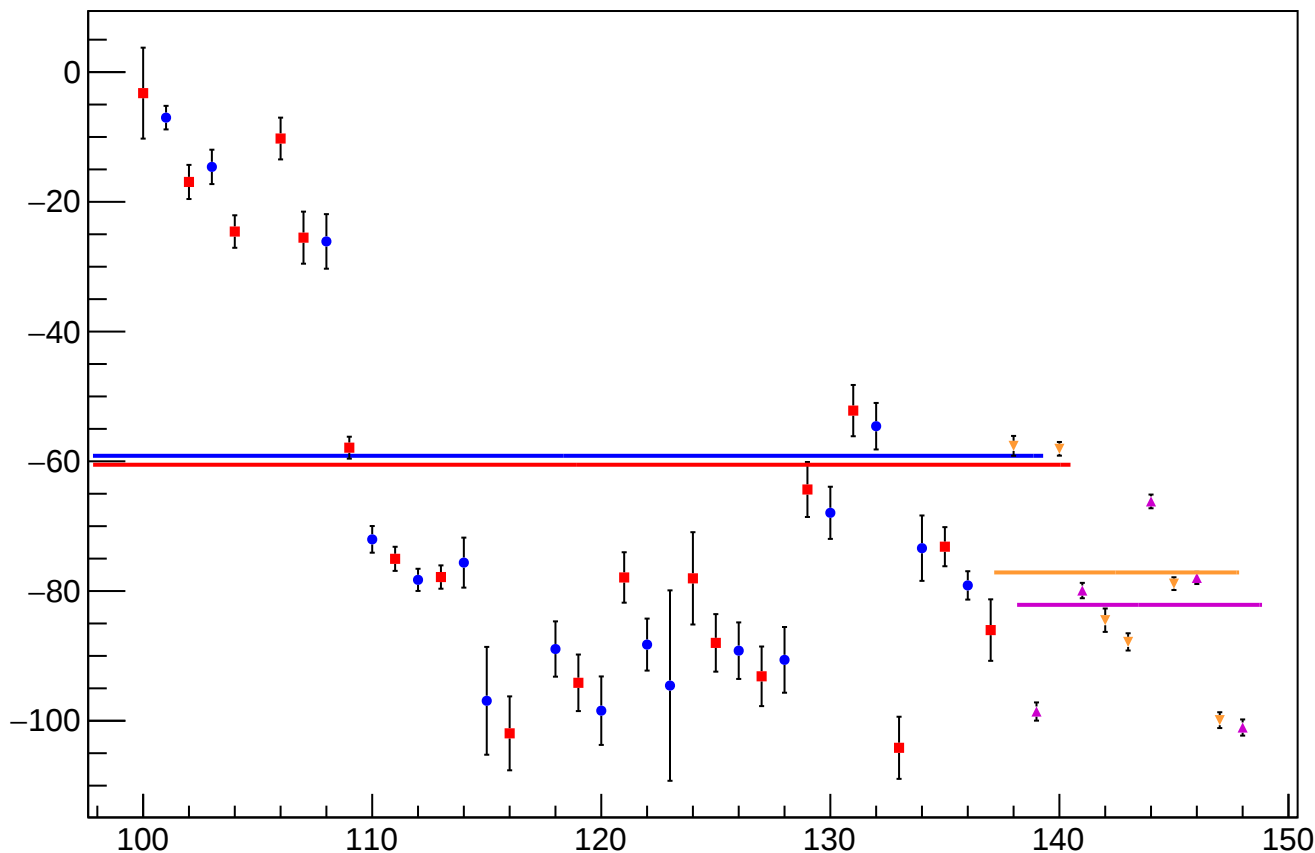
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -8.900 ± 0.265 χ^2/NDF : 1935.2/21

Out: -6.391 ± 0.267 χ^2/NDF : 2429.8/24

All: -7.655 ± 0.188 χ^2/NDF : 4409.4/46

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -77.133 ± 0.506 χ^2/NDF : 922.1/5

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -82.128 ± 0.507 χ^2/NDF : 617.5/4

Left: -79.625 ± 0.358 χ^2/NDF : 1588.2/10

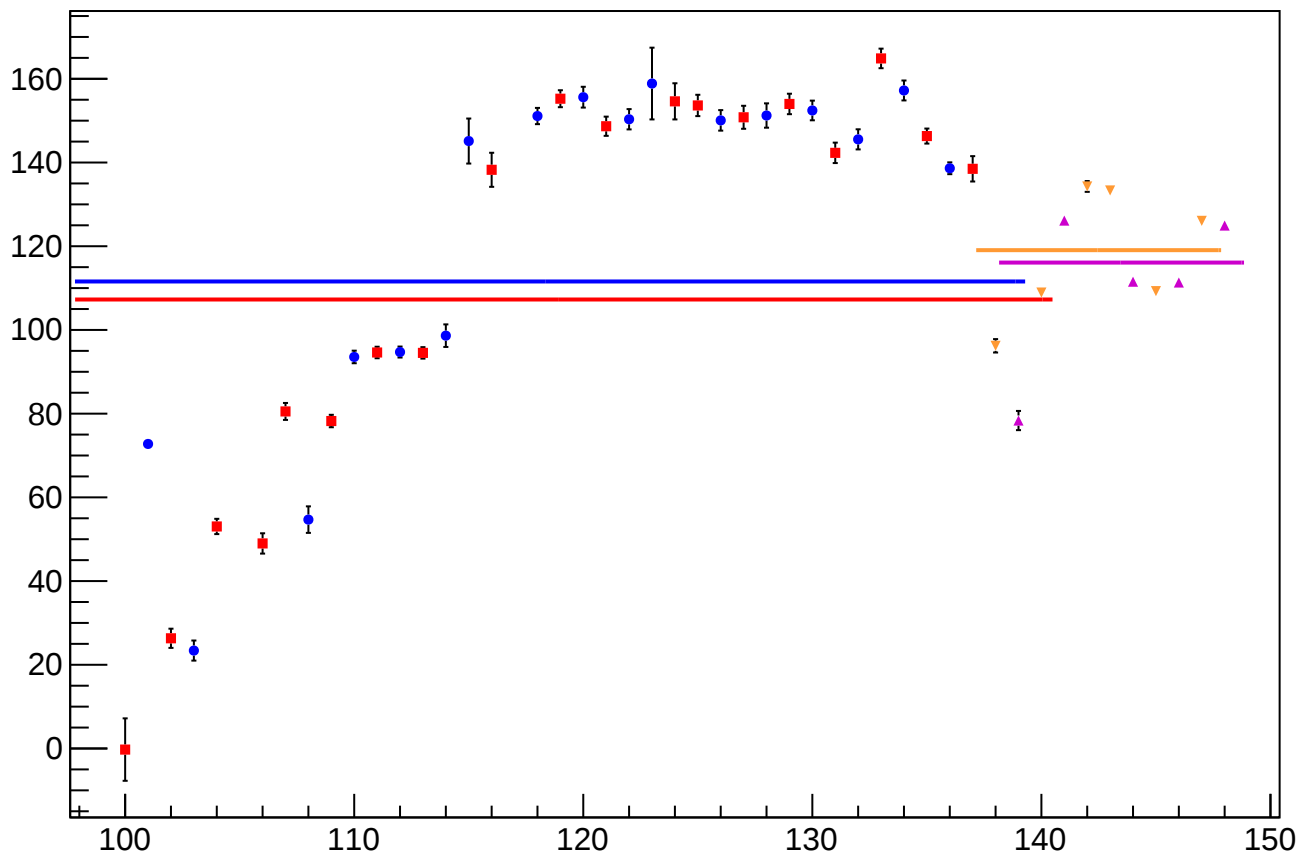
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -74.855 ± 0.419 χ^2/NDF : 2985.6/21

Out: -71.478 ± 0.411 χ^2/NDF : 2674.0/24

All: -73.133 ± 0.293 χ^2/NDF : 5692.7/46

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: 119.060 $\pm$ 0.420 χ^2 /NDF:834.8/5

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 116.095 $\pm$ 0.421 χ^2 /NDF:544.6/4

Left: 117.580 $\pm$ 0.298 χ^2 /NDF: 1404.3/10

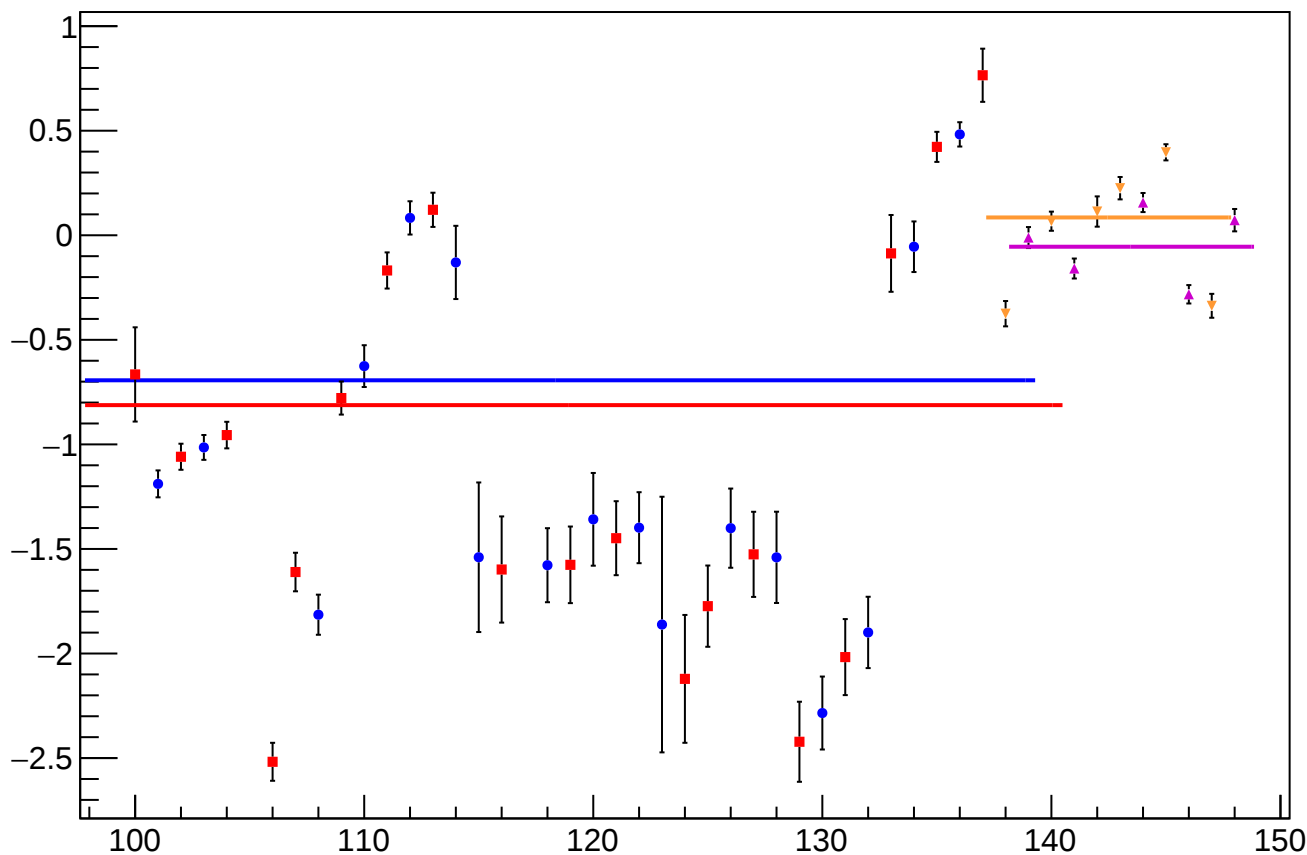
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 114.165 $\pm$ 0.319 χ^2 /NDF:6539.7/21

Out: 114.033 $\pm$ 0.318 χ^2 /NDF:8214.9/24

All: 114.099 $\pm$ 0.225 χ^2 /NDF: 14754.7/46

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: 0.085 ± 0.021 χ^2/NDF : 184.5/5

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.055 ± 0.021 χ^2/NDF : 59.3/4

Left: 0.017 ± 0.015 χ^2/NDF : 265.6/10

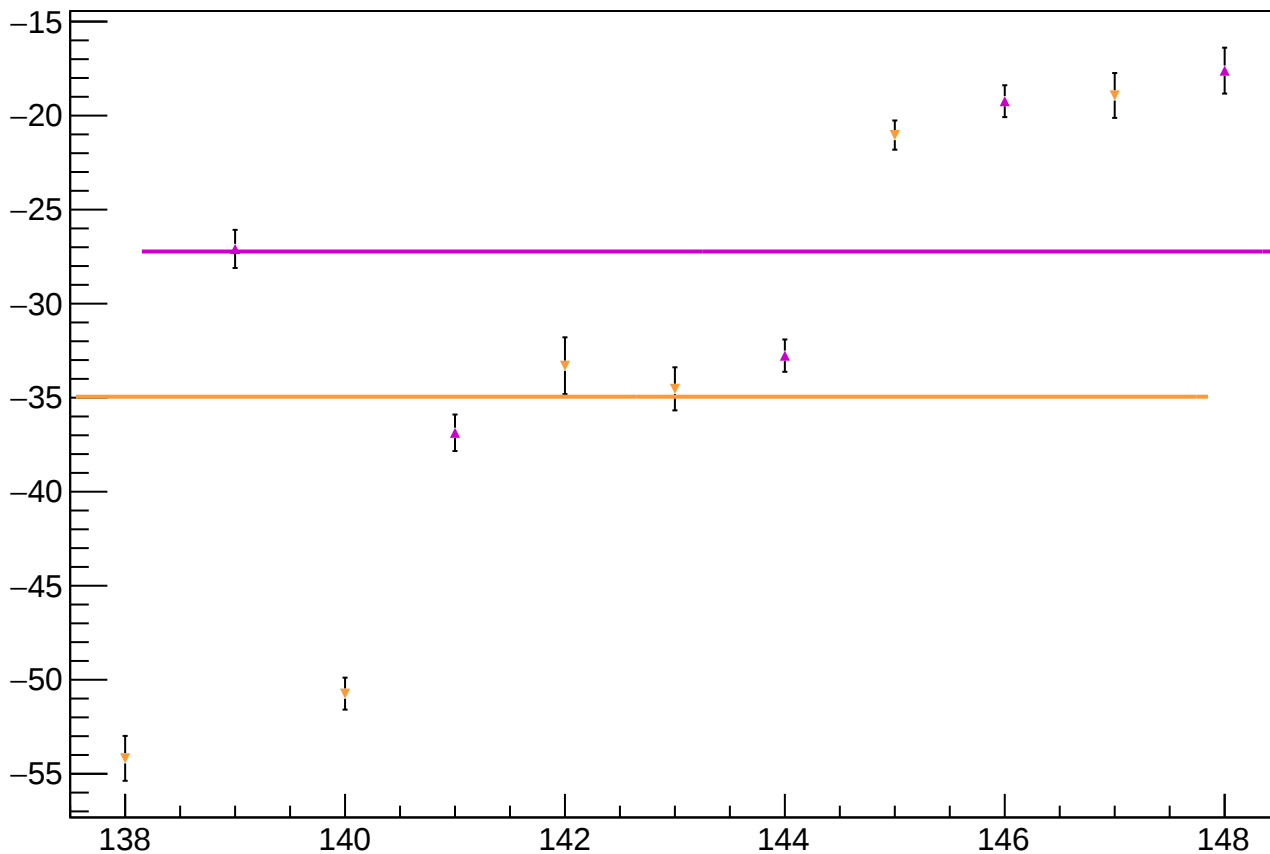
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.315 ± 0.016 χ^2/NDF : 1412.8/21

Out: -0.298 ± 0.016 χ^2/NDF : 2272.9/24

All: -0.306 ± 0.011 χ^2/NDF : 3686.3/46

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: -34.948+/-0.421 χ^2/NDF :1107.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.228+/-0.428 χ^2/NDF :291.3/4

Left: -31.155+/-0.300 χ^2/NDF : 1563.8/10

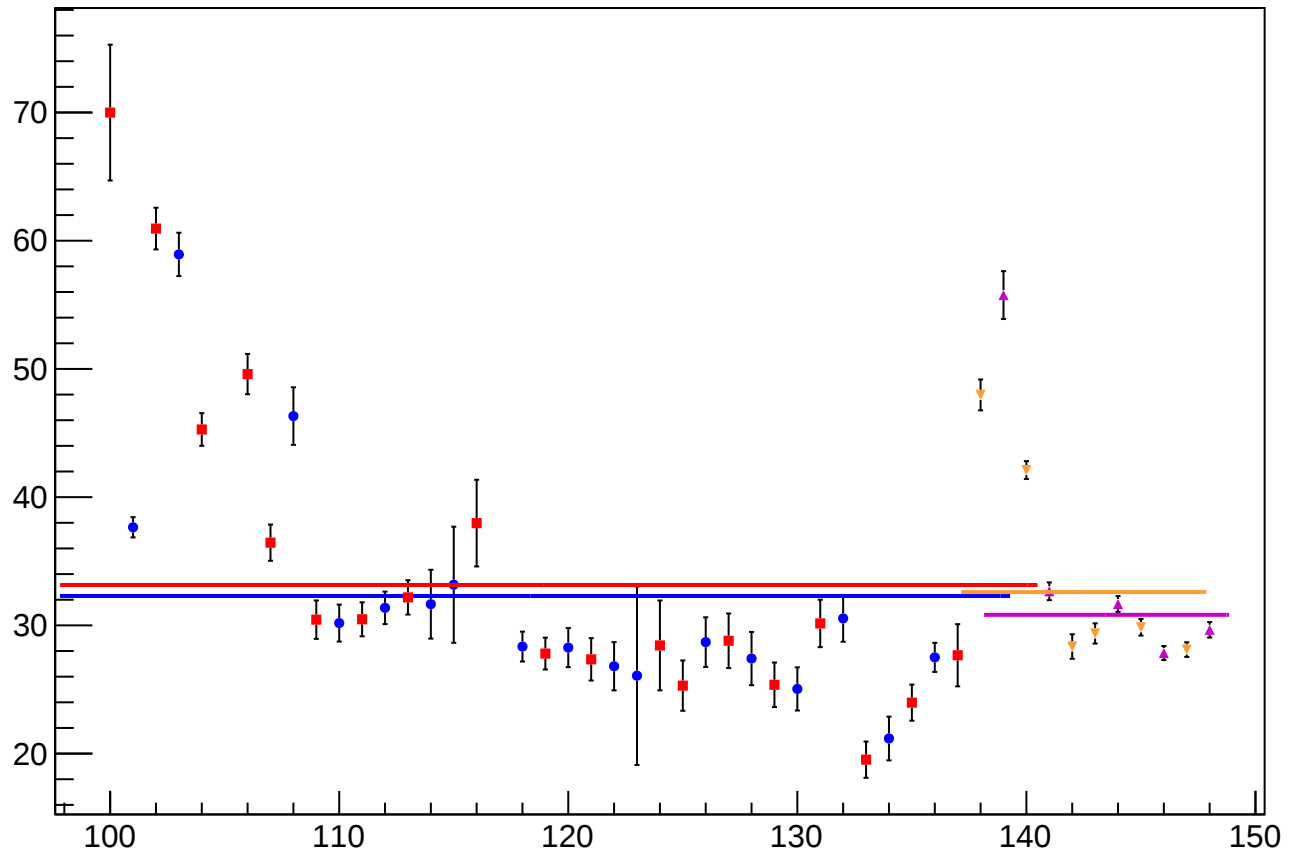
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.228+/-0.428 χ^2/NDF :291.3/4

Out: -34.948+/-0.421 χ^2/NDF :1107.2/5

All: -31.155+/-0.300 χ^2/NDF : 1563.8/10

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: 32.598 $\pm$ 0.303 χ^2/NDF :465.3/5

Right Out: 33.149 $\pm$ 0.379 χ^2/NDF : 772.6/18

Left In: 30.823 $\pm$ 0.300 χ^2/NDF :221.2/4

Left: 31.702 $\pm$ 0.213 χ^2/NDF : 703.8/10

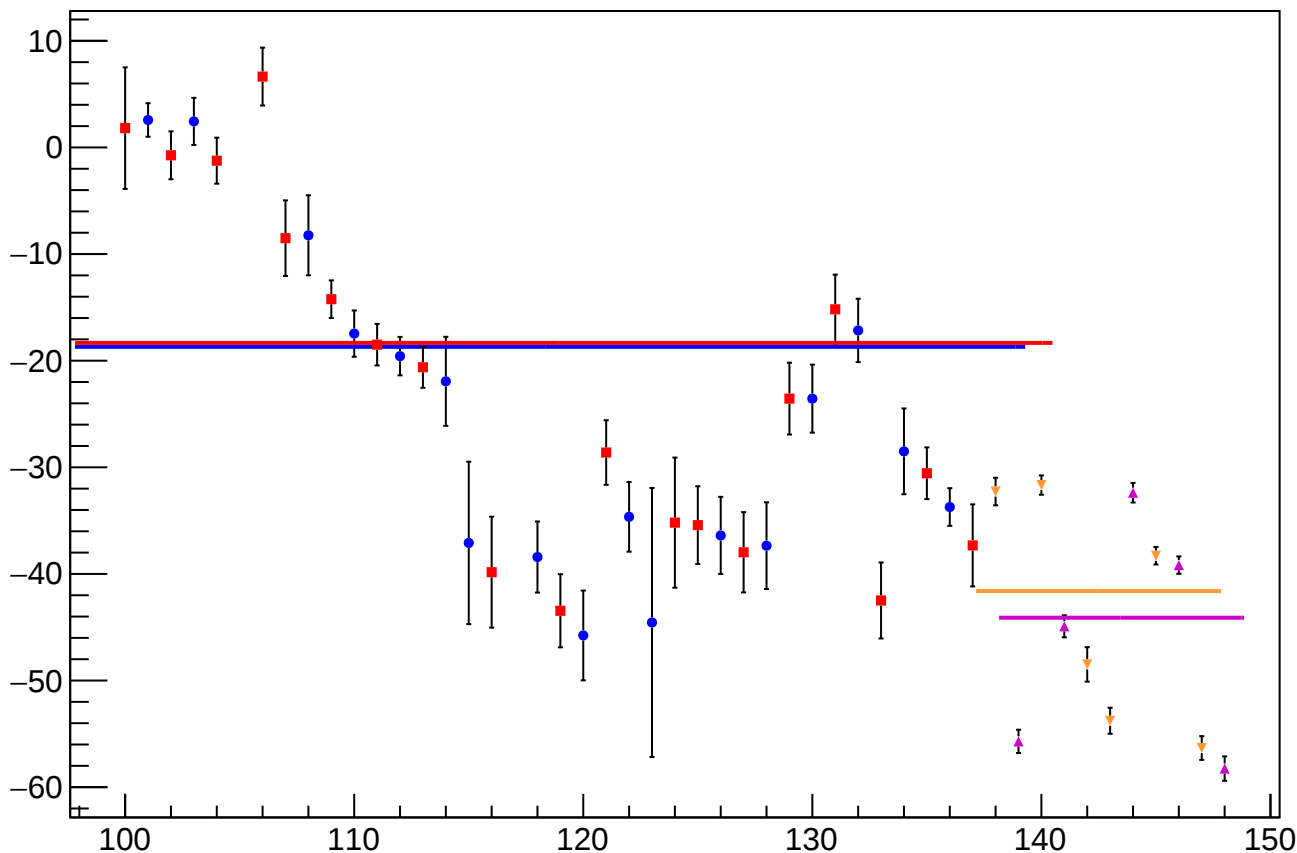
Right: 32.715 $\pm$ 0.266 χ^2/NDF : 1227.8/35

In: 31.400 $\pm$ 0.234 χ^2/NDF :683.1/21

Out: 32.813 $\pm$ 0.236 χ^2/NDF :1239.2/24

All: 32.098 $\pm$ 0.166 χ^2/NDF : 1940.4/46

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: -41.611 ± 0.440 χ^2/NDF : 480.8/5

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -44.106 ± 0.437 χ^2/NDF : 464.9/4

Left: -42.866 ± 0.310 χ^2/NDF : 961.8/10

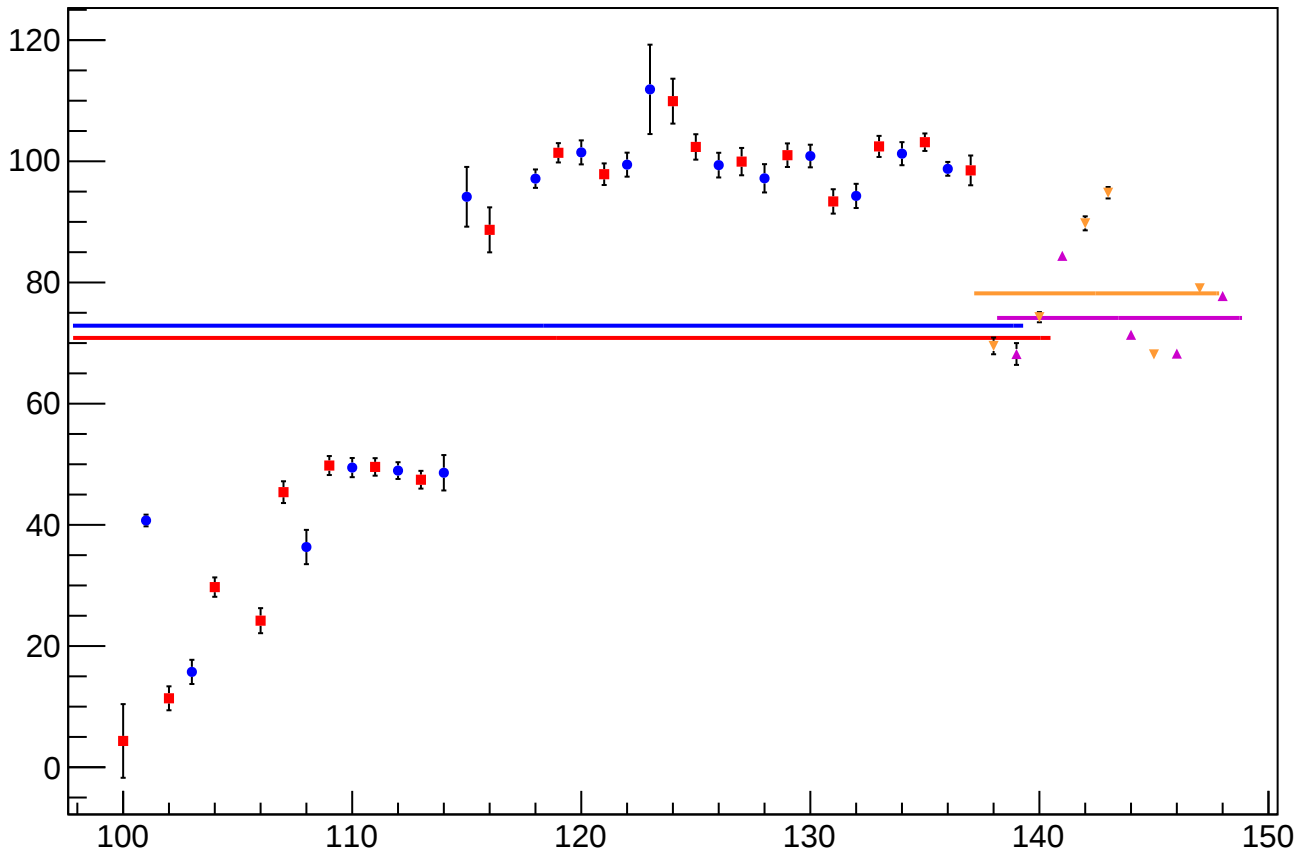
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -36.456 ± 0.366 χ^2/NDF : 1999.5/21

Out: -34.191 ± 0.363 χ^2/NDF : 1846.7/24

All: -35.316 ± 0.258 χ^2/NDF : 3865.5/46

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 ± 0.427 $\chi^2/\text{NDF}: 4727.1/16$

Left Out: 78.205 ± 0.371 $\chi^2/\text{NDF}: 656.3/5$

Right Out: 70.851 ± 0.433 $\chi^2/\text{NDF}: 5495.4/18$

Left In: 74.148 ± 0.371 $\chi^2/\text{NDF}: 271.7/4$

Left: 76.177 ± 0.262 $\chi^2/\text{NDF}: 987.8/10$

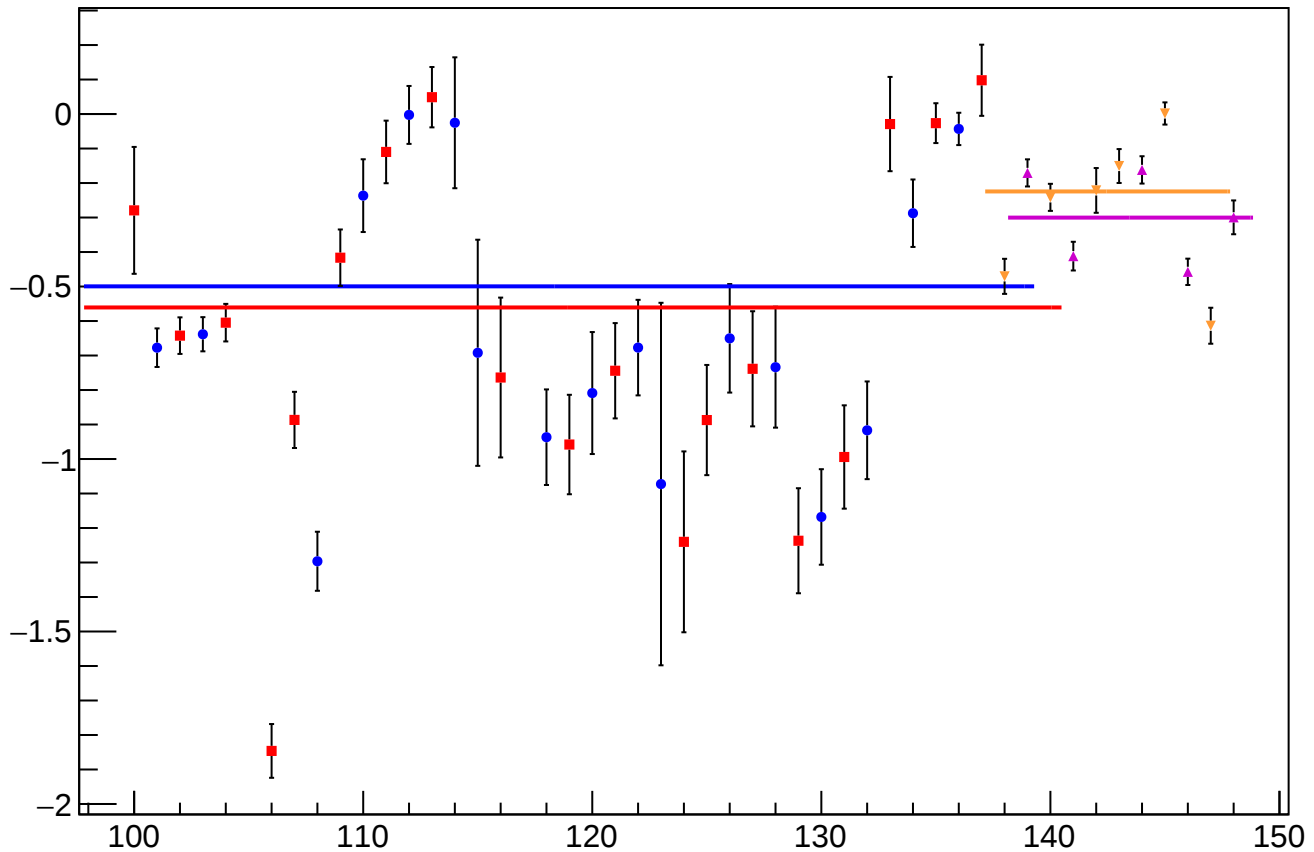
Right: 71.876 ± 0.304 $\chi^2/\text{NDF}: 10233.6/35$

In: 73.598 ± 0.280 $\chi^2/\text{NDF}: 5003.9/21$

Out: 75.092 ± 0.282 $\chi^2/\text{NDF}: 6318.2/24$

All: 74.340 ± 0.199 $\chi^2/\text{NDF}: 11336.2/46$

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: -0.224 ± 0.018 χ^2/NDF : 131.0/5

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.300 ± 0.018 χ^2/NDF : 47.2/4

Left: -0.262 ± 0.013 χ^2/NDF : 186.8/10

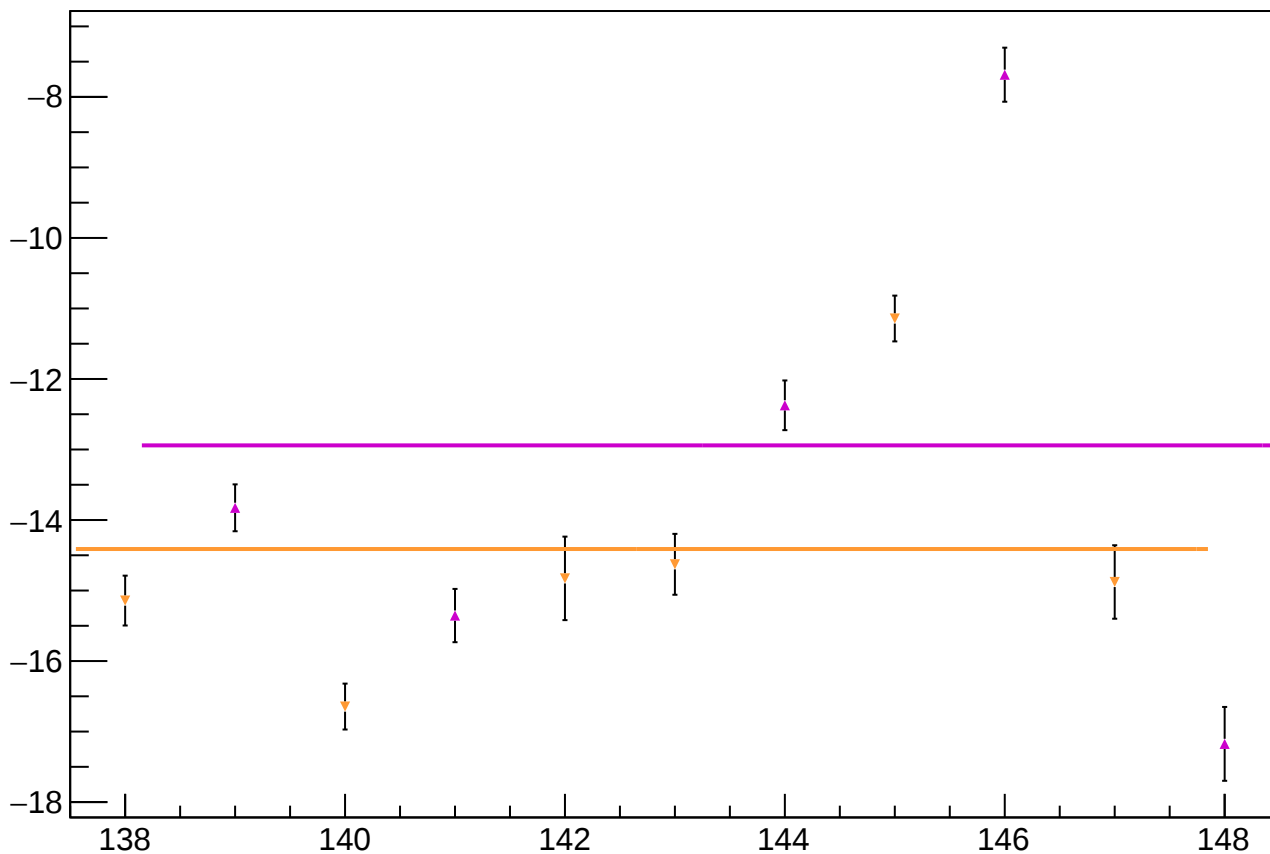
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.381 ± 0.014 χ^2/NDF : 397.3/21

Out: -0.365 ± 0.014 χ^2/NDF : 836.1/24

All: -0.373 ± 0.010 χ^2/NDF : 1234.0/46

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: -14.411+/-0.160 χ^2/NDF :154.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.942+/-0.170 χ^2/NDF :303.9/4

Left: -13.719+/-0.117 χ^2/NDF : 497.8/10

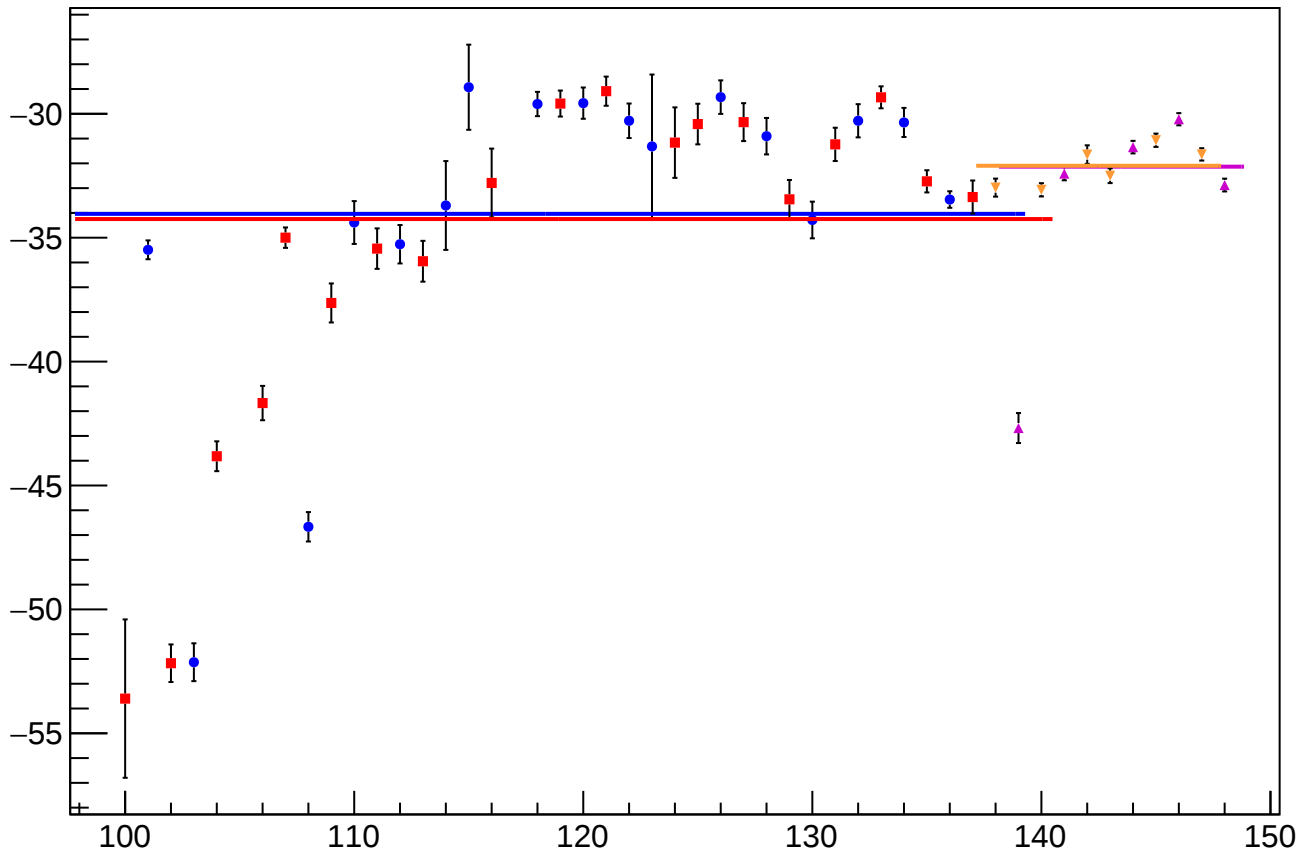
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.942+/-0.170 χ^2/NDF :303.9/4

Out: -14.411+/-0.160 χ^2/NDF :154.4/5

All: -13.719+/-0.117 χ^2/NDF : 497.8/10

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: -32.097 ± 0.120 χ^2/NDF : 40.3/5

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -32.133 ± 0.126 χ^2/NDF : 382.8/4

Left: -32.114 ± 0.087 χ^2/NDF : 423.2/10

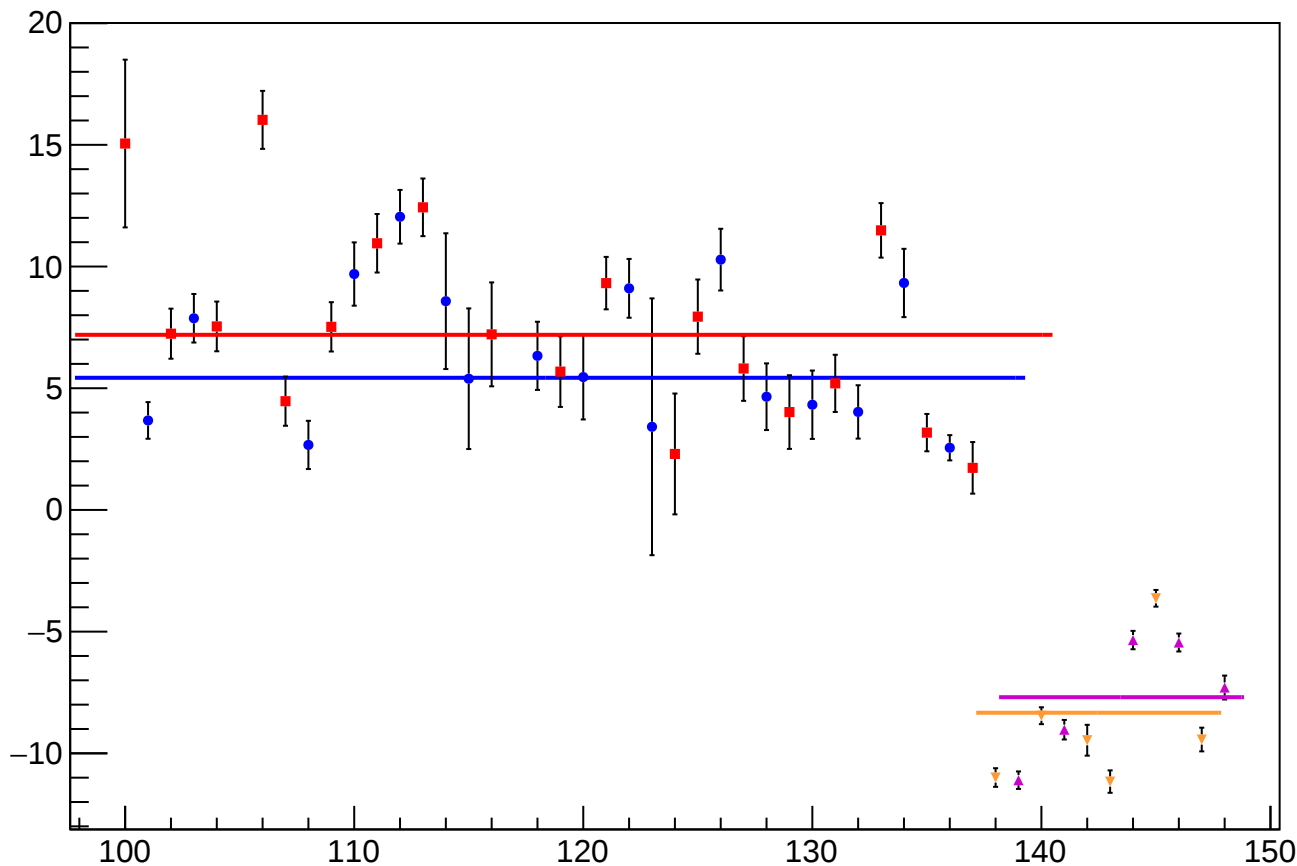
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -32.912 ± 0.097 χ^2/NDF : 1819.9/21

Out: -32.930 ± 0.094 χ^2/NDF : 1522.7/24

All: -32.921 ± 0.067 χ^2/NDF : 3342.7/46

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -8.332 ± 0.169 $\chi^2/\text{NDF}: 282.2/5$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -7.694 ± 0.175 $\chi^2/\text{NDF}: 177.6/4$

Left: -8.025 ± 0.122 $\chi^2/\text{NDF}: 466.7/10$

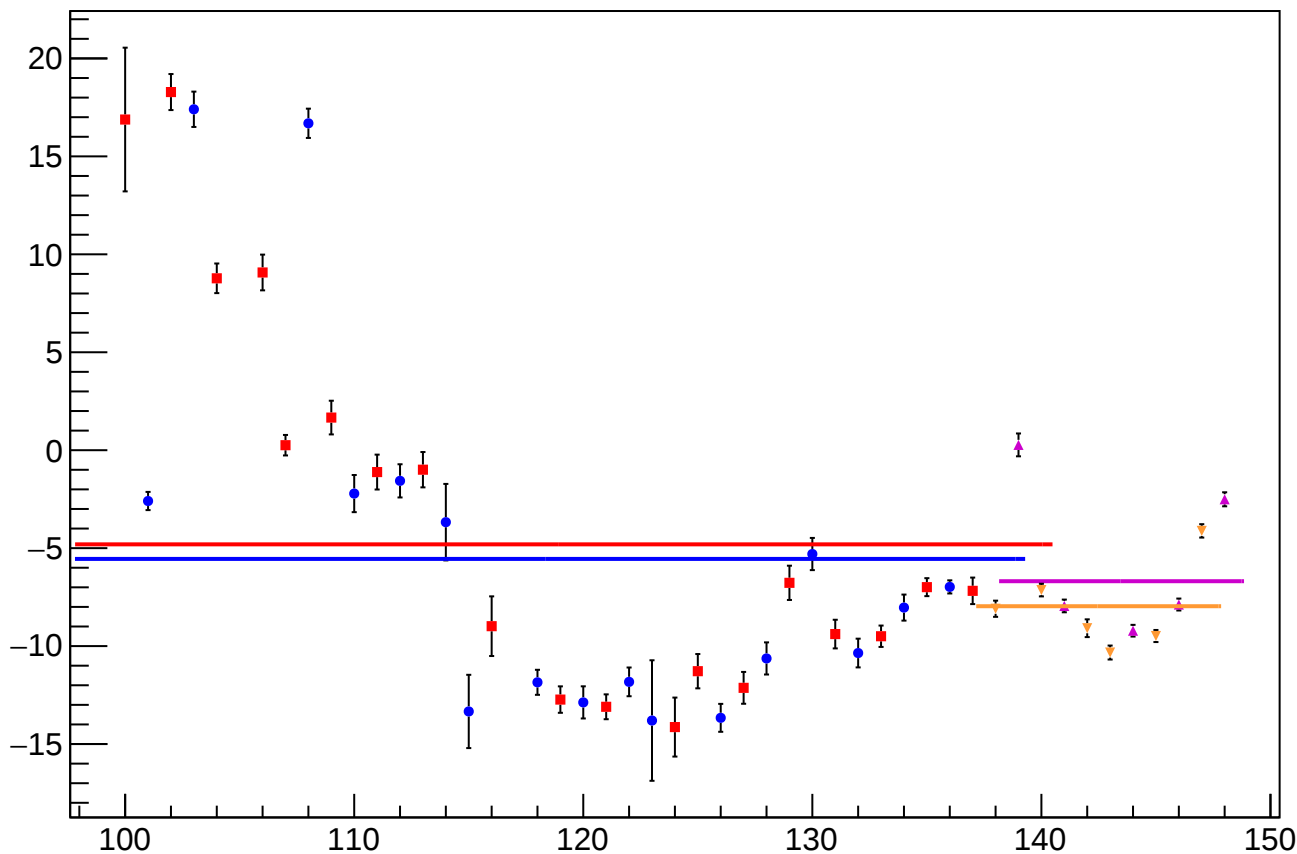
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -3.795 ± 0.147 $\chi^2/\text{NDF}: 1972.1/21$

Out: -4.058 ± 0.144 $\chi^2/\text{NDF}: 2791.4/24$

All: -3.930 ± 0.103 $\chi^2/\text{NDF}: 4765.2/46$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.965 ± 0.145 χ^2/NDF : 207.4/5

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.688 ± 0.154 χ^2/NDF : 380.5/4

Left: -7.362 ± 0.106 χ^2/NDF : 624.3/10

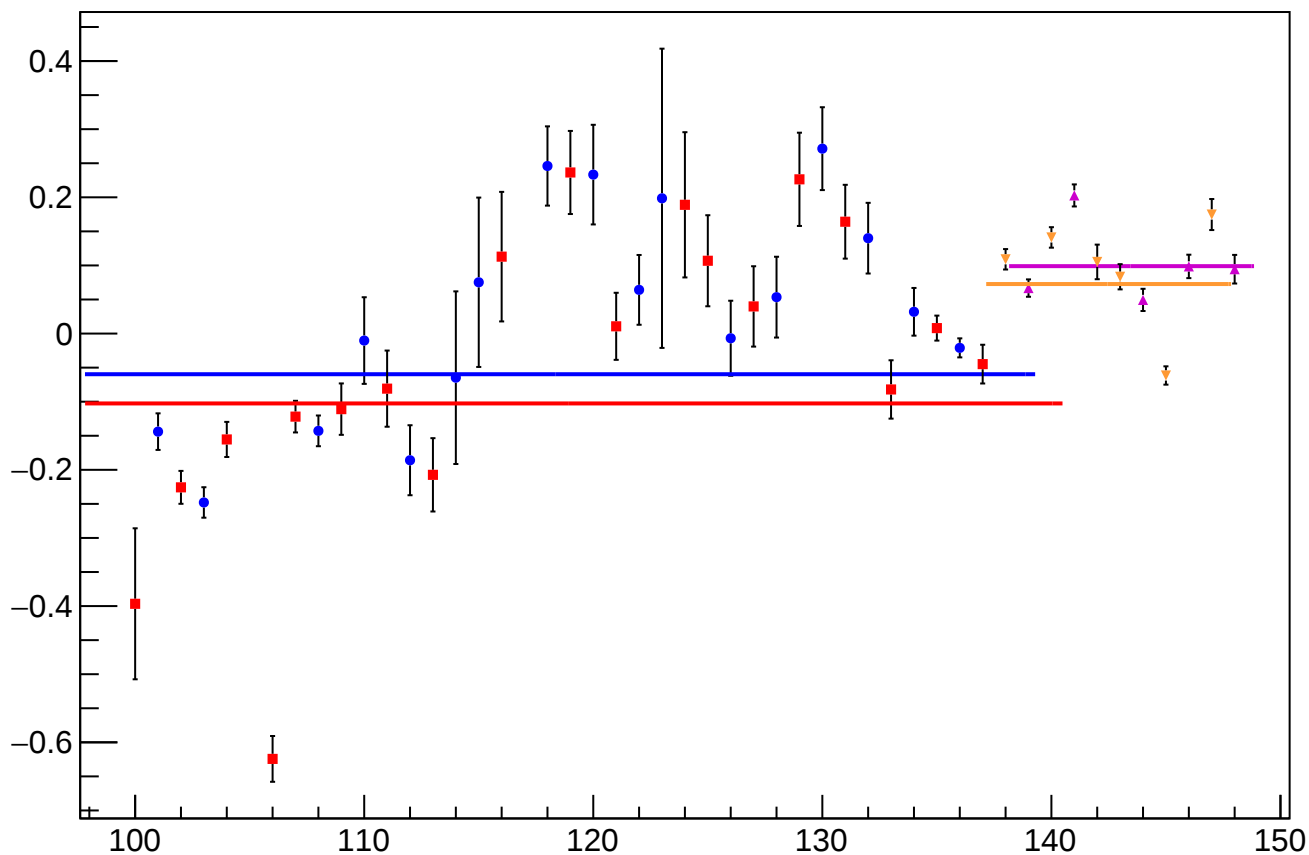
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -6.175 ± 0.114 χ^2/NDF : 2531.7/21

Out: -6.653 ± 0.111 χ^2/NDF : 2451.3/24

All: -6.420 ± 0.080 χ^2/NDF : 4992.0/46

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: 0.073 ± 0.007 χ^2/NDF : 148.3/5

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.099 ± 0.007 χ^2/NDF : 56.8/4

Left: 0.085 ± 0.005 χ^2/NDF : 212.0/10

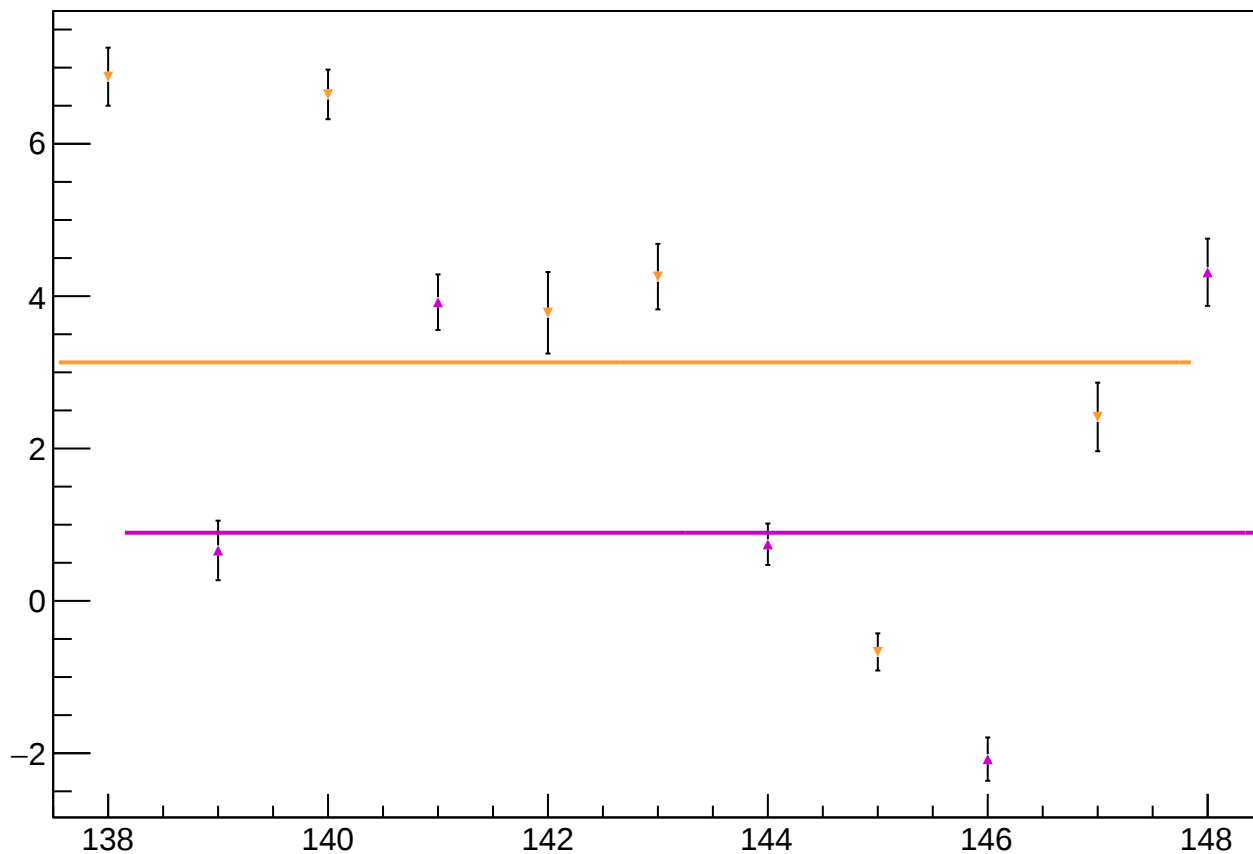
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.032 ± 0.005 χ^2/NDF : 479.5/21

Out: 0.002 ± 0.005 χ^2/NDF : 841.9/24

All: 0.017 ± 0.004 χ^2/NDF : 1336.9/46

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: 3.131+/-0.146 χ^2/NDF :467.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.895+/-0.149 χ^2/NDF :238.6/4

Left: 2.036+/-0.104 χ^2/NDF : 821.2/10

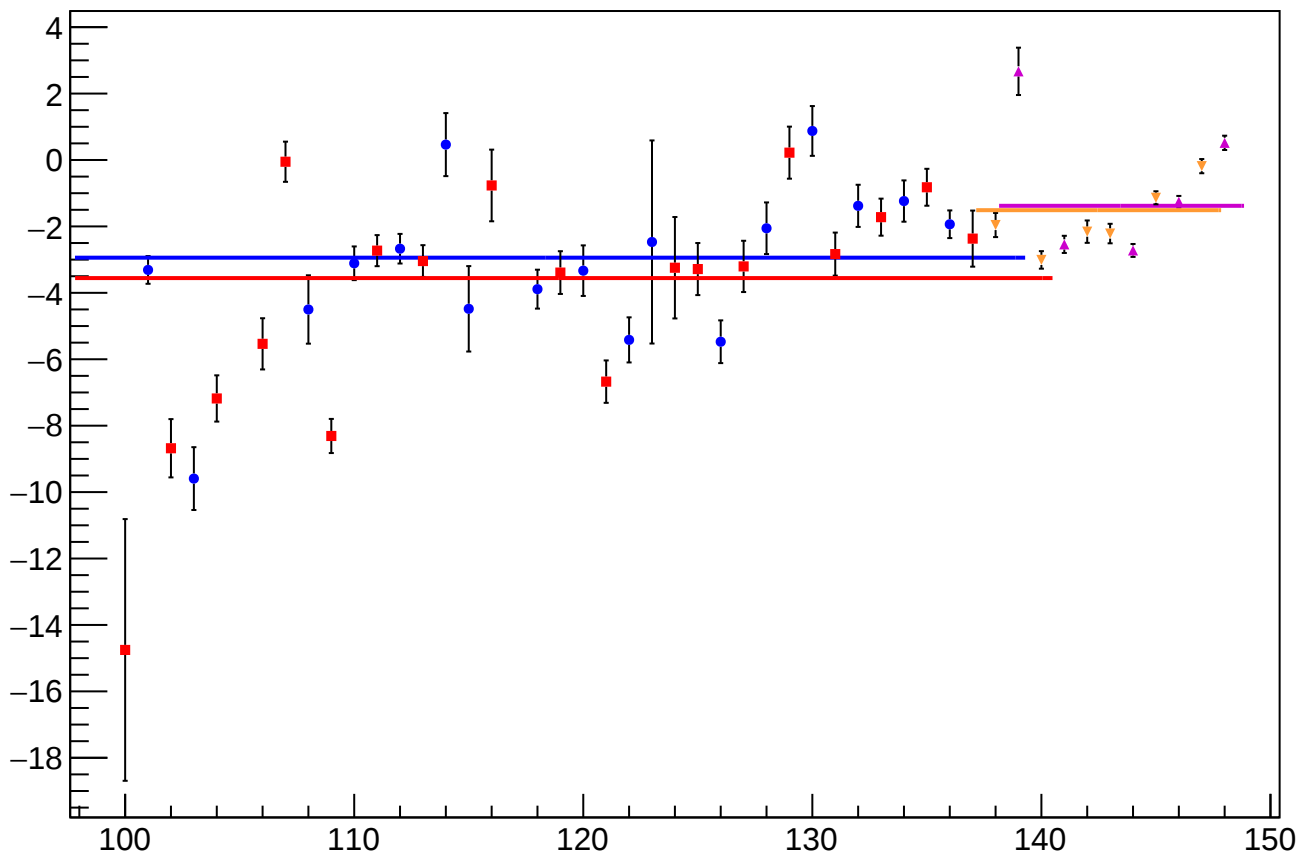
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.895+/-0.149 χ^2/NDF :238.6/4

Out: 3.131+/-0.146 χ^2/NDF :467.6/5

All: 2.036+/-0.104 χ^2/NDF : 821.2/10

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.511 ± 0.105 χ^2/NDF : 85.2/5

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.379 ± 0.101 χ^2/NDF : 178.2/4

Left: -1.443 ± 0.073 χ^2/NDF : 264.3/10

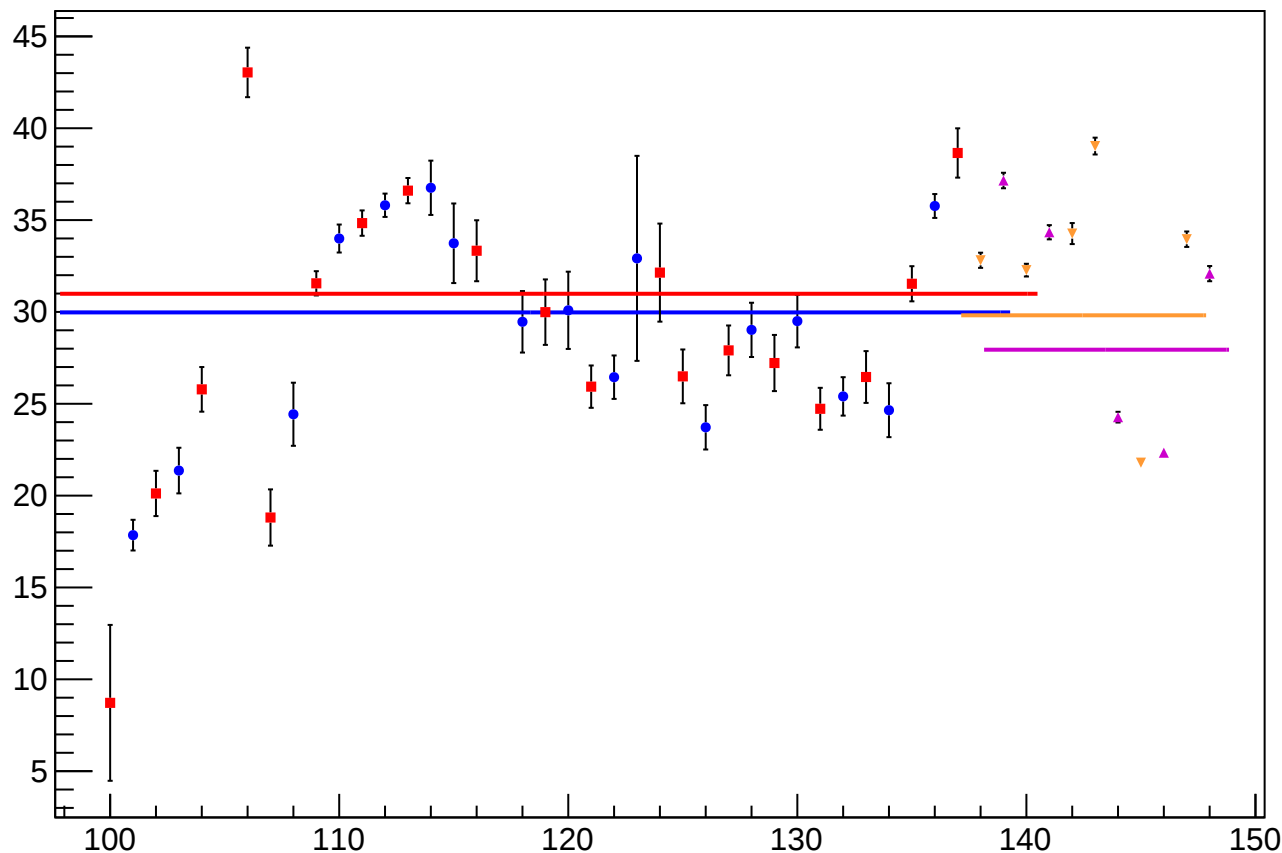
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.849 ± 0.085 χ^2/NDF : 395.5/21

Out: -2.160 ± 0.087 χ^2/NDF : 496.4/24

All: -2.000 ± 0.061 χ^2/NDF : 898.5/46

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 29.816 ± 0.153 $\chi^2/\text{NDF}: 1618.7/5$

Right Out: 30.989 ± 0.260 $\chi^2/\text{NDF}: 481.0/18$

Left In: 27.944 ± 0.152 $\chi^2/\text{NDF}: 1428.3/4$

Left: 28.872 ± 0.108 $\chi^2/\text{NDF}: 3122.2/10$

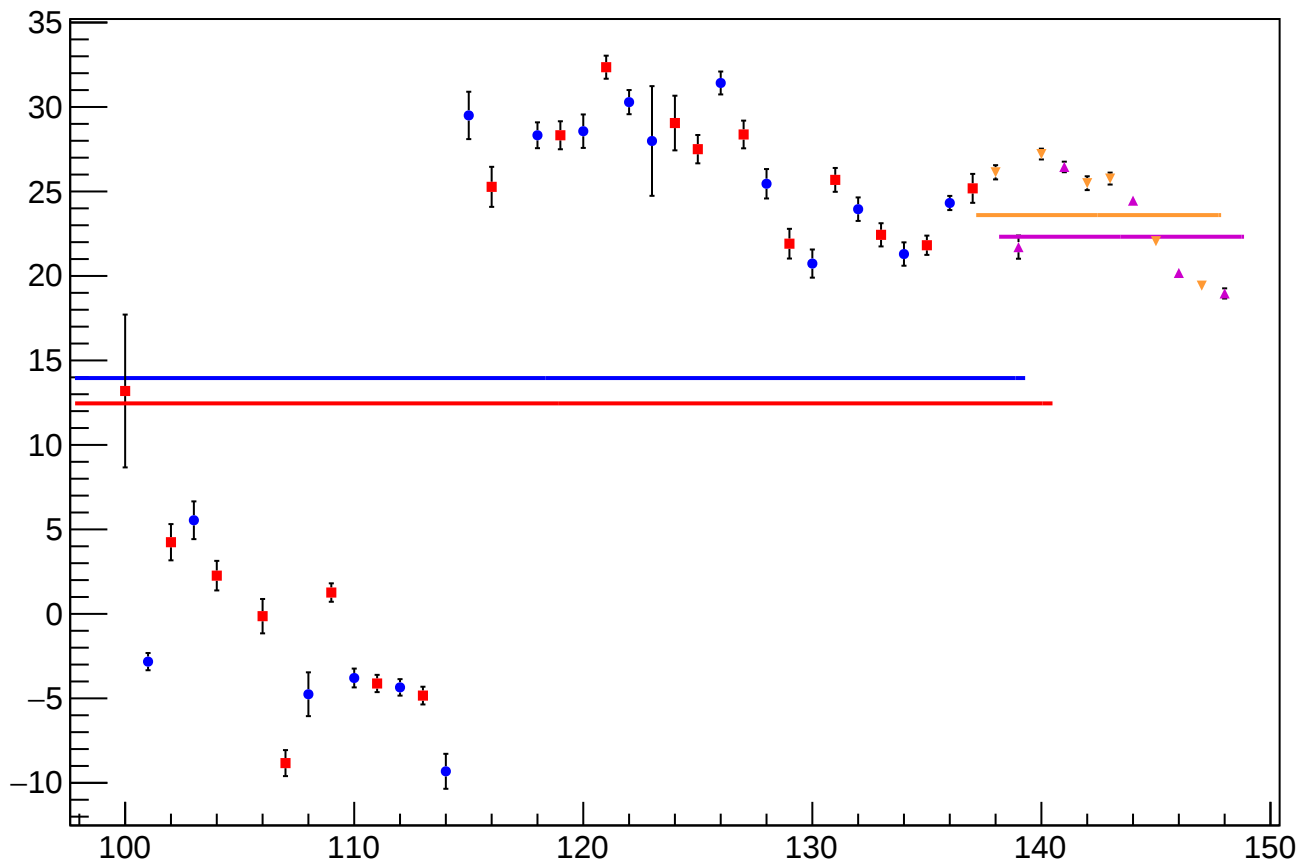
Right: 30.495 ± 0.186 $\chi^2/\text{NDF}: 1042.4/35$

In: 28.440 ± 0.132 $\chi^2/\text{NDF}: 2025.9/21$

Out: 30.119 ± 0.132 $\chi^2/\text{NDF}: 2114.9/24$

All: 29.280 ± 0.093 $\chi^2/\text{NDF}: 4221.4/46$

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: 23.602 $\pm$ 0.129 χ^2 /NDF:470.0/5

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.321 $\pm$ 0.126 χ^2 /NDF:481.4/4

Left: 22.948 $\pm$ 0.090 χ^2 /NDF: 1001.9/10

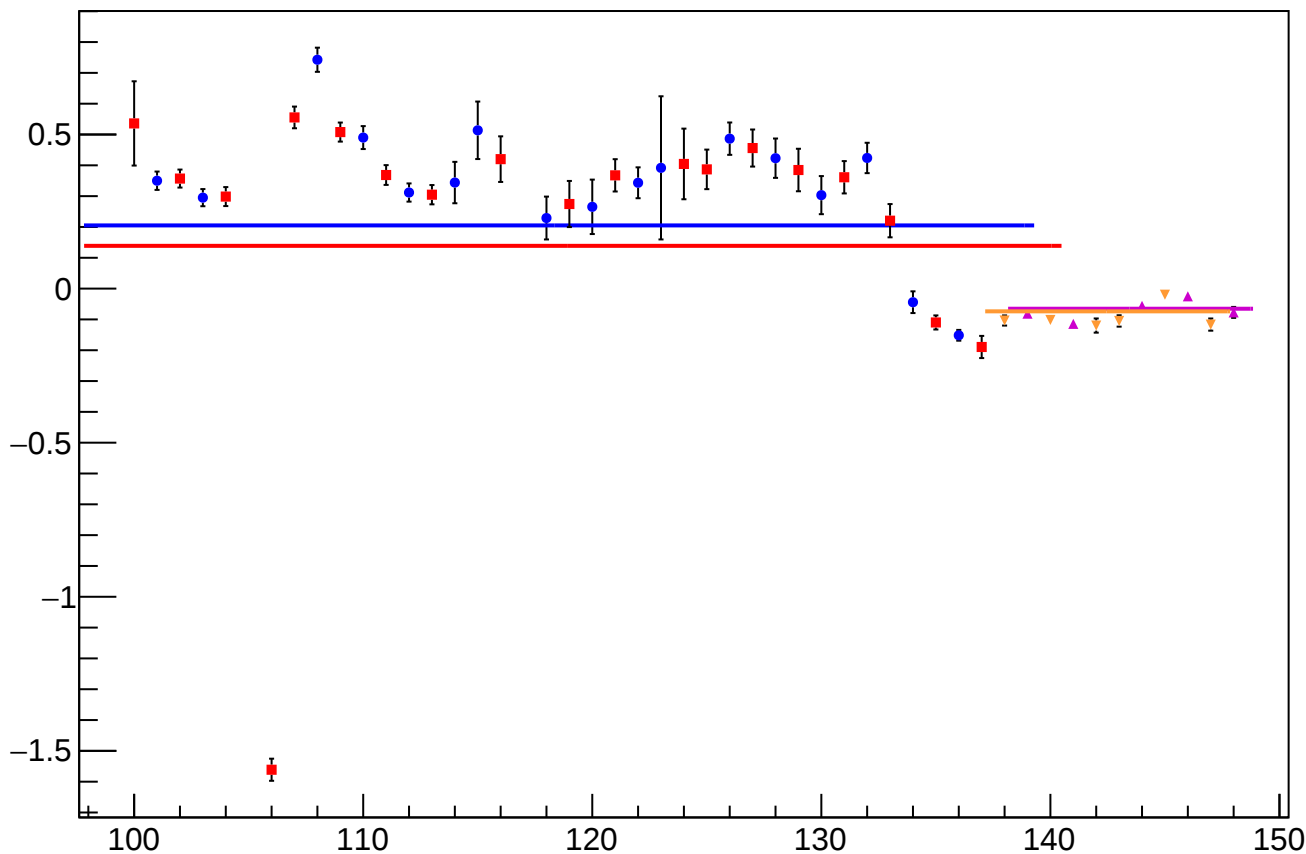
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.406 $\pm$ 0.102 χ^2 /NDF:9365.2/21

Out: 19.651 $\pm$ 0.103 χ^2 /NDF:10109.1/24

All: 19.526 $\pm$ 0.073 χ^2 /NDF: 19477.1/46

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205+/-0.009 χ^2/NDF : 846.7/16

Left Out: -0.074+/-0.006 χ^2/NDF : 46.4/5

Right Out: 0.139+/-0.009 χ^2/NDF : 3016.4/18

Left In: -0.065+/-0.006 χ^2/NDF : 22.0/4

Left: -0.070+/-0.004 χ^2/NDF : 69.3/10

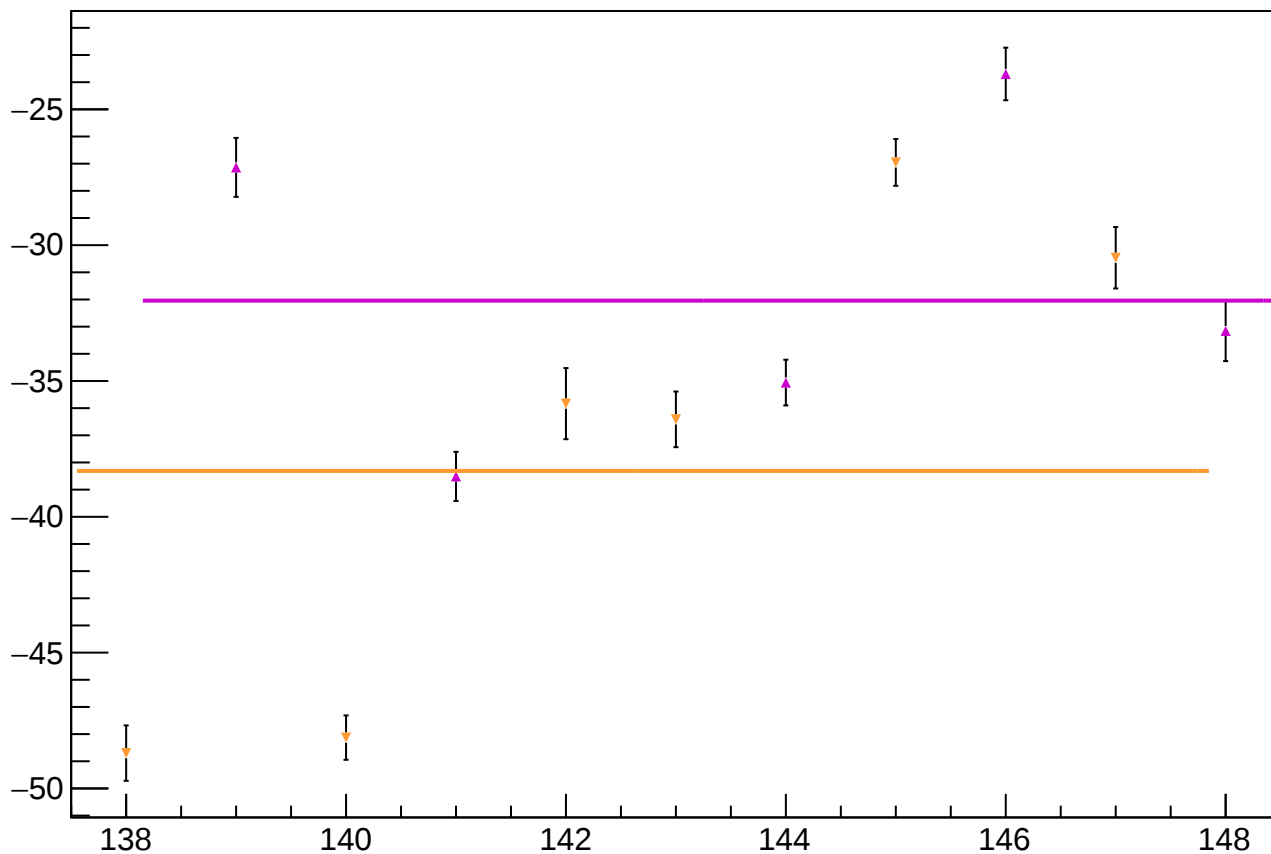
Right: 0.171+/-0.007 χ^2/NDF : 3888.5/35

In: 0.021+/-0.005 χ^2/NDF : 1435.0/21

Out: -0.006+/-0.005 χ^2/NDF : 3426.2/24

All: 0.007+/-0.004 χ^2/NDF : 4874.2/46

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: -38.312 ± 0.404 χ^2/NDF : 477.7/5

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -32.042 ± 0.432 χ^2/NDF : 159.9/4

Left: -35.386 ± 0.295 χ^2/NDF : 750.1/10

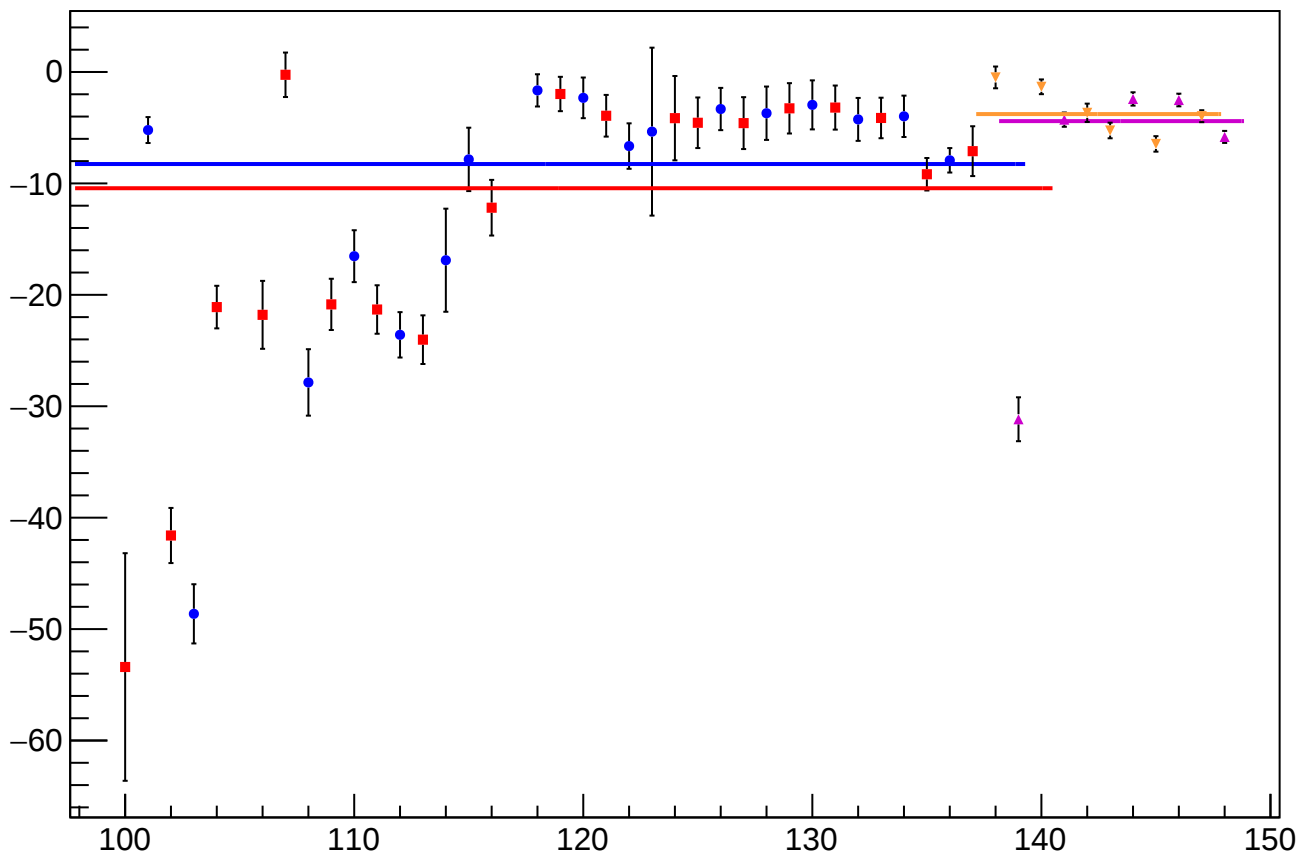
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -32.042 ± 0.432 χ^2/NDF : 159.9/4

Out: -38.312 ± 0.404 χ^2/NDF : 477.7/5

All: -35.386 ± 0.295 χ^2/NDF : 750.1/10

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.777 ± 0.284 χ^2/NDF : 44.4/5

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -4.409 ± 0.288 χ^2/NDF : 213.5/4

Left: -4.088 ± 0.202 χ^2/NDF : 260.4/10

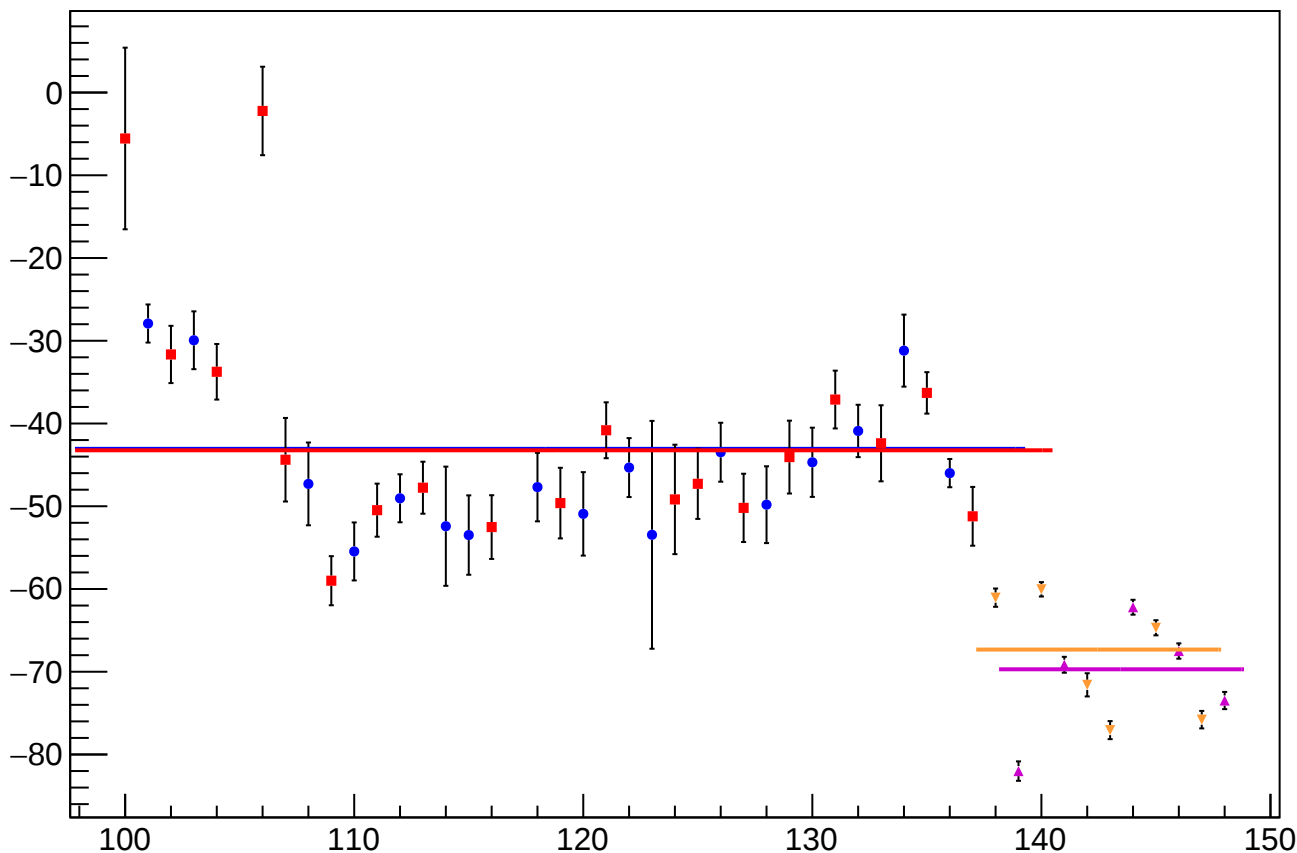
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -5.488 ± 0.245 χ^2/NDF : 675.4/21

Out: -5.448 ± 0.246 χ^2/NDF : 611.0/24

All: -5.468 ± 0.173 χ^2/NDF : 1286.3/46

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -67.321 ± 0.423 $\chi^2/\text{NDF}: 263.8/5$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -69.705 ± 0.442 $\chi^2/\text{NDF}: 198.4/4$

Left: -68.463 ± 0.306 $\chi^2/\text{NDF}: 477.4/10$

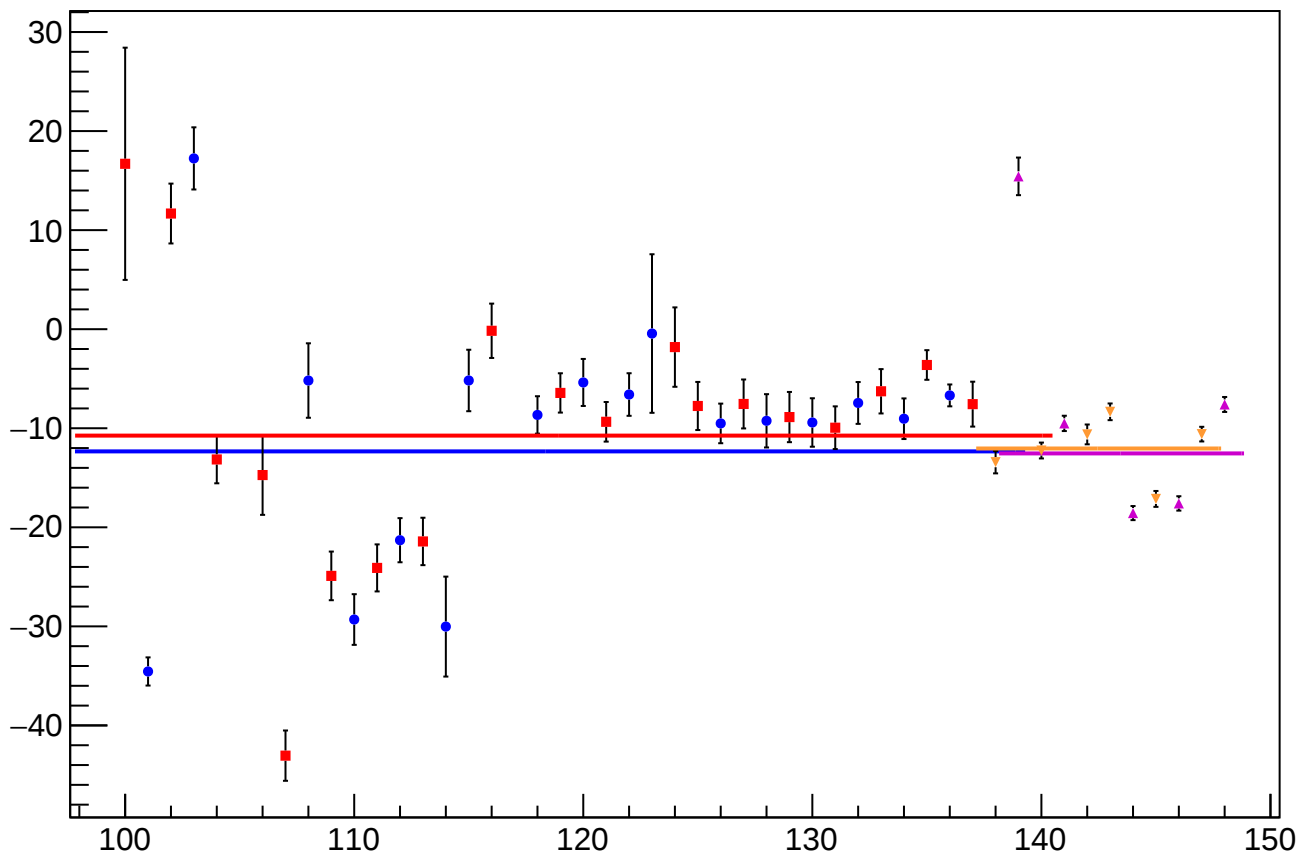
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -63.888 ± 0.390 $\chi^2/\text{NDF}: 1092.5/21$

Out: -62.678 ± 0.380 $\chi^2/\text{NDF}: 1042.2/24$

All: -63.267 ± 0.272 $\chi^2/\text{NDF}: 2139.7/46$

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: -12.044 ± 0.351 χ^2/NDF : 67.0/5

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -12.541 ± 0.363 χ^2/NDF : 395.3/4

Left: -12.283 ± 0.252 χ^2/NDF : 463.3/10

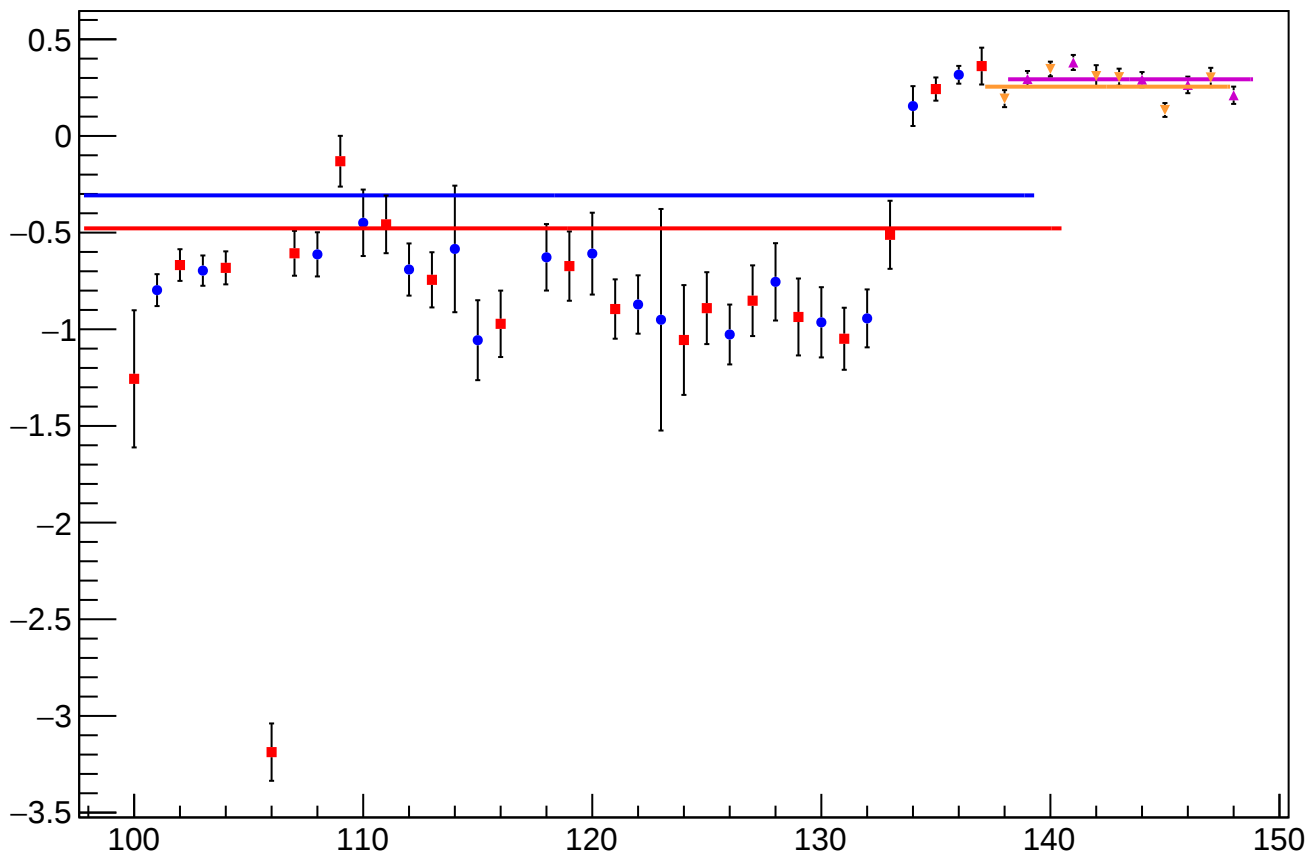
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -12.473 ± 0.298 χ^2/NDF : 870.6/21

Out: -11.671 ± 0.296 χ^2/NDF : 437.8/24

All: -12.070 ± 0.210 χ^2/NDF : 1312.0/46

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: 0.255 ± 0.018 χ^2/NDF : 22.2/5

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.293 ± 0.018 χ^2/NDF : 8.9/4

Left: 0.273 ± 0.013 χ^2/NDF : 33.3/10

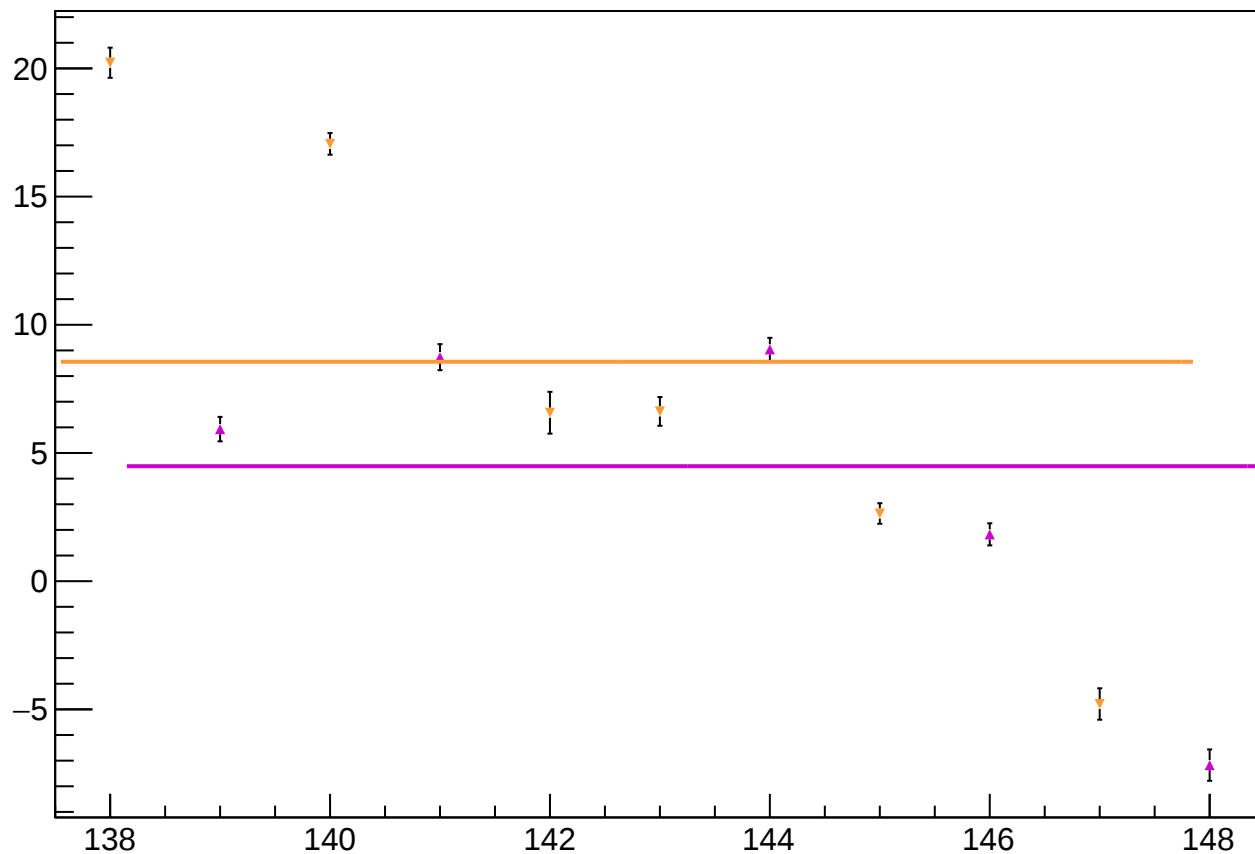
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.107 ± 0.015 χ^2/NDF : 709.3/21

Out: 0.053 ± 0.015 χ^2/NDF : 1131.5/24

All: 0.079 ± 0.011 χ^2/NDF : 1847.2/46

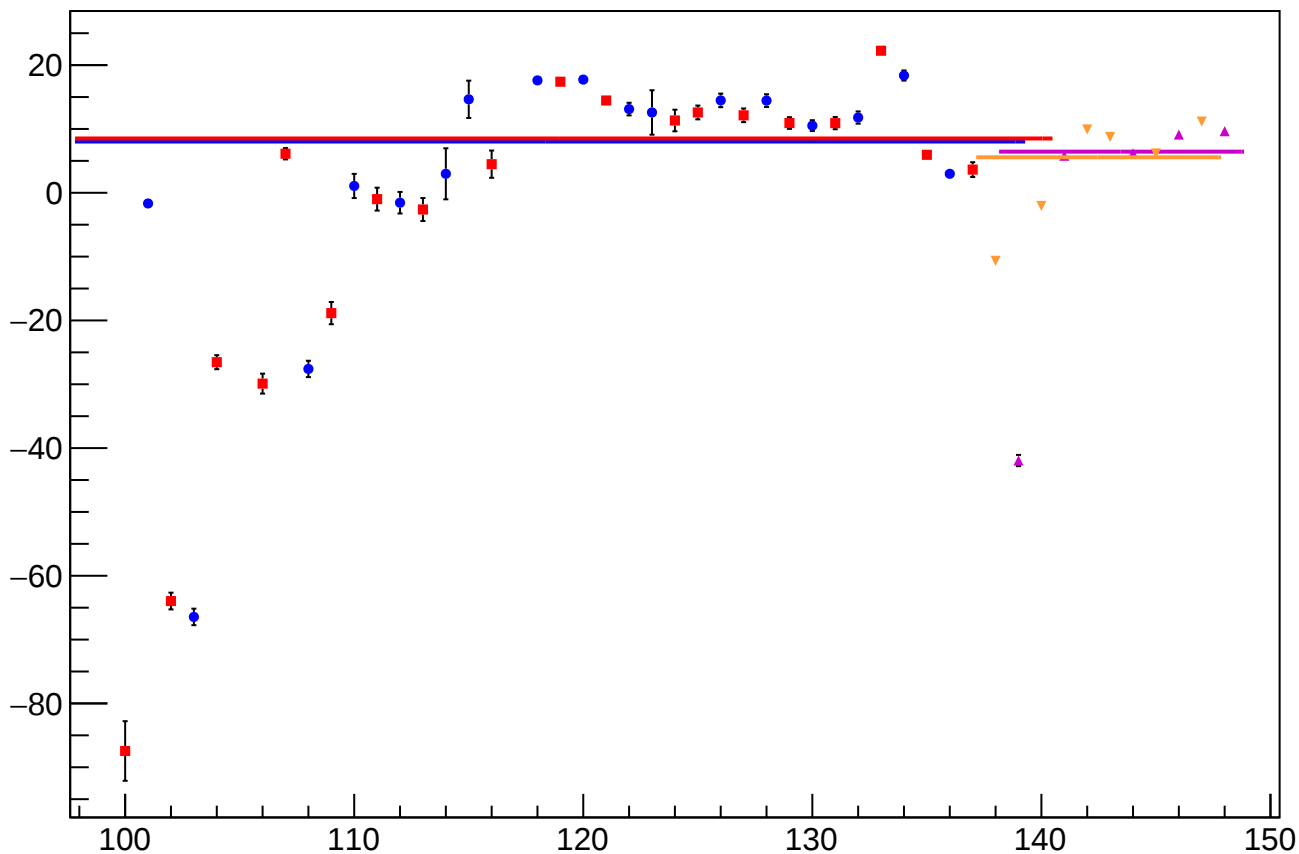
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.558+/-0.213 χ^2/NDF :1509.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.484+/-0.217 χ^2/NDF :583.1/4

Left: 6.558+/-0.152 χ^2/NDF : 2272.3/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.484+/-0.217 χ^2/NDF :583.1/4
 Out: 8.558+/-0.213 χ^2/NDF :1509.4/5
 All: 6.558+/-0.152 χ^2/NDF : 2272.3/10

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: 5.558 ± 0.154 $\chi^2/\text{NDF}: 1718.8/5$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 6.443 ± 0.153 $\chi^2/\text{NDF}: 3235.8/4$

Left: 6.002 ± 0.109 $\chi^2/\text{NDF}: 4971.1/10$

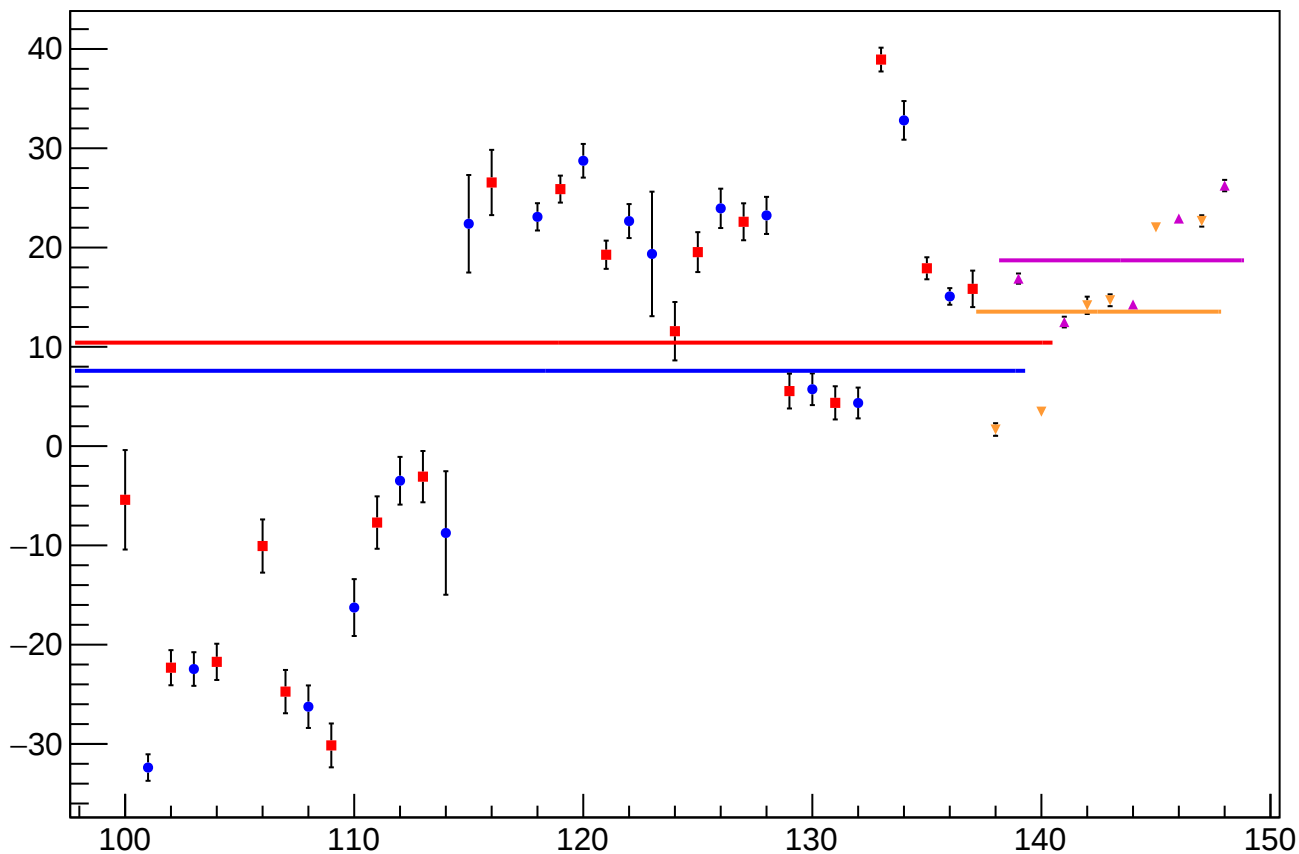
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 6.979 ± 0.125 $\chi^2/\text{NDF}: 8642.3/21$

Out: 6.571 ± 0.125 $\chi^2/\text{NDF}: 8558.2/24$

All: 6.775 ± 0.088 $\chi^2/\text{NDF}: 17205.8/46$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 13.543 ± 0.223 $\chi^2/\text{NDF}: 1508.0/5$

Right Out: 10.422 ± 0.416 $\chi^2/\text{NDF}: 2289.5/18$

Left In: 18.711 ± 0.222 $\chi^2/\text{NDF}: 506.2/4$

Left: 16.143 ± 0.157 $\chi^2/\text{NDF}: 2284.5/10$

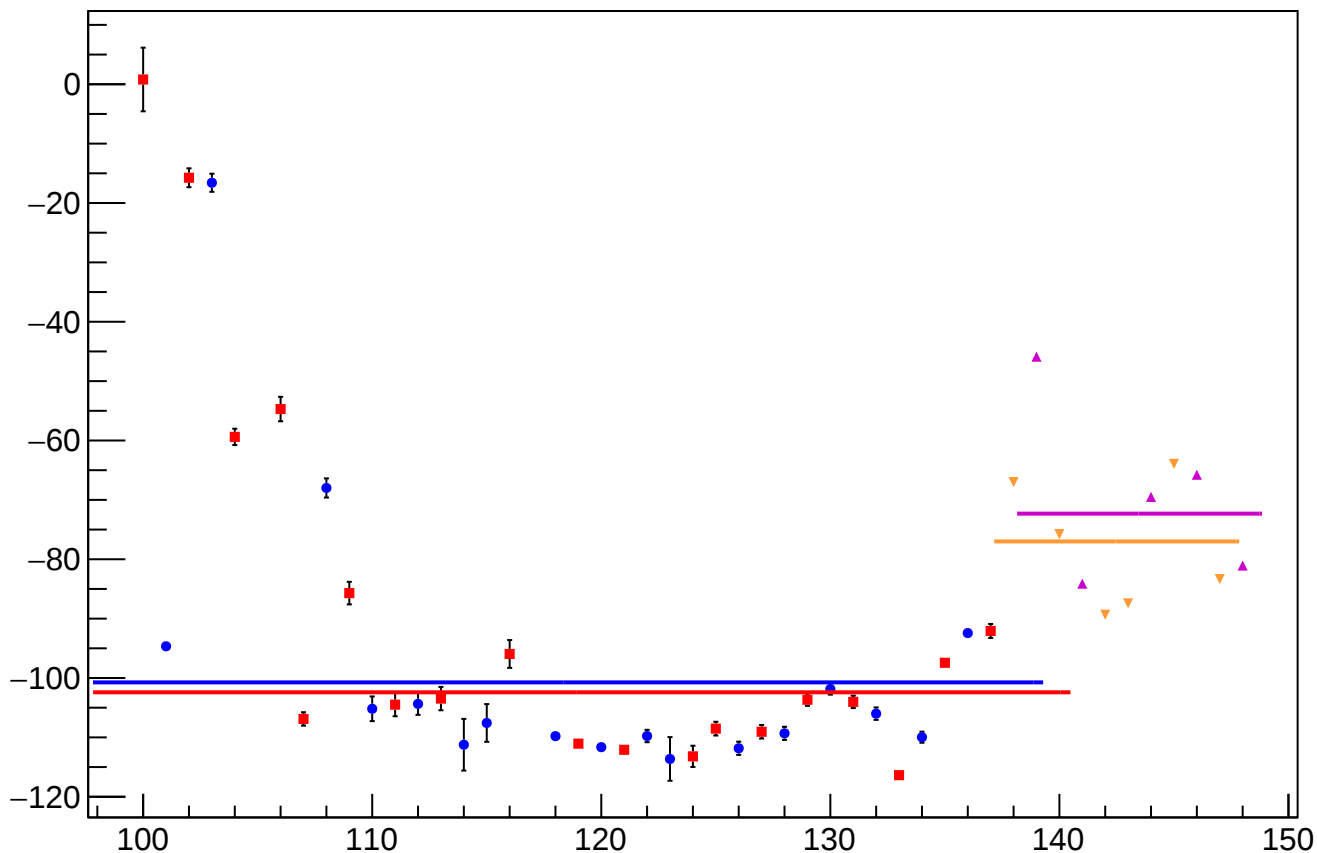
Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$

In: 16.255 ± 0.196 $\chi^2/\text{NDF}: 3385.6/21$

Out: 12.846 ± 0.197 $\chi^2/\text{NDF}: 3841.2/24$

All: 14.559 ± 0.139 $\chi^2/\text{NDF}: 7377.9/46$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -77.000 ± 0.189 χ^2/NDF : 2556.1/5

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

Left In: -72.317 ± 0.190 χ^2/NDF : 2556.9/4

Left: -74.676 ± 0.134 χ^2/NDF : 5419.3/10

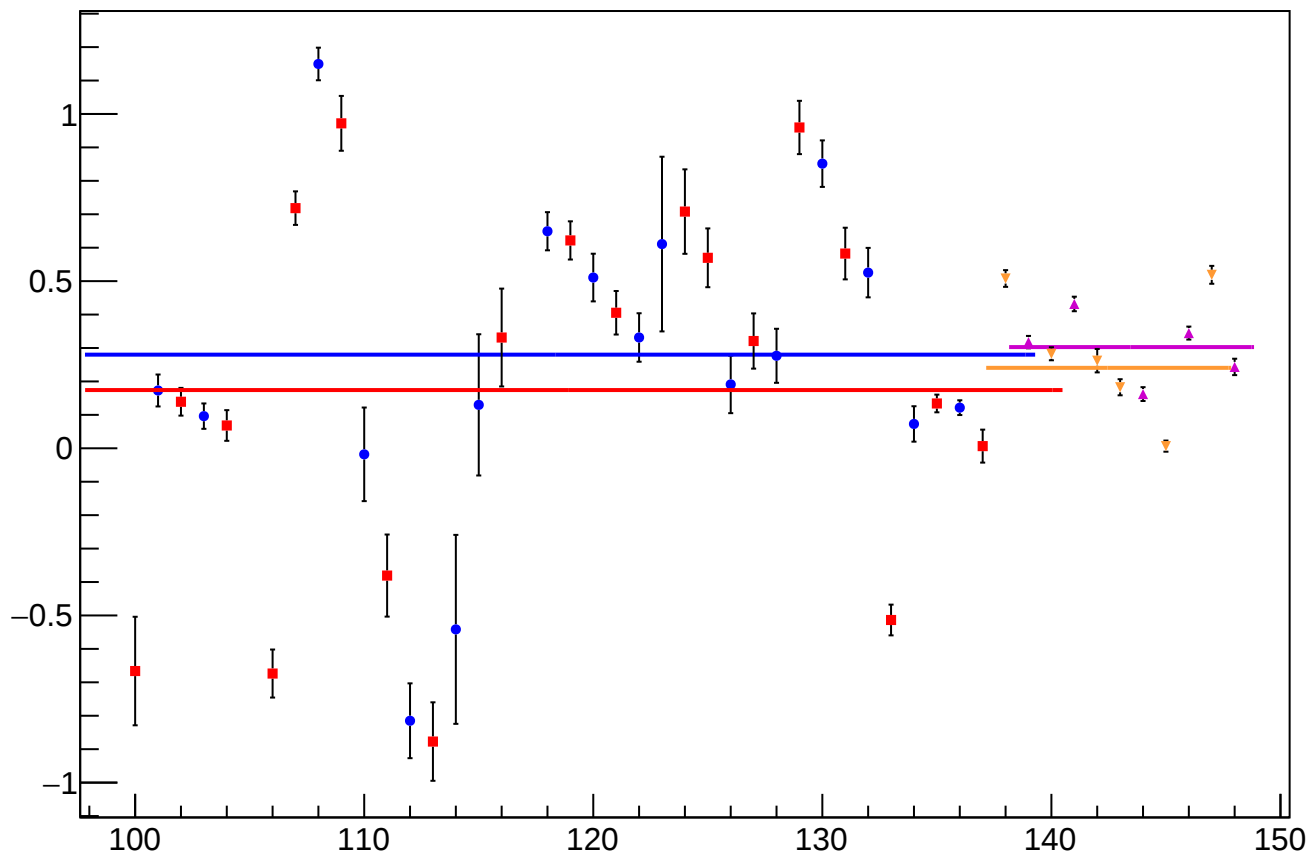
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -82.807 ± 0.151 χ^2/NDF : 15341.3/21

Out: -86.407 ± 0.150 χ^2/NDF : 15370.1/24

All: -84.622 ± 0.106 χ^2/NDF : 30998.3/46

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: 0.241 ± 0.009 χ^2/NDF : 430.5/5

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.303 ± 0.009 χ^2/NDF : 92.4/4

Left: 0.272 ± 0.007 χ^2/NDF : 545.5/10

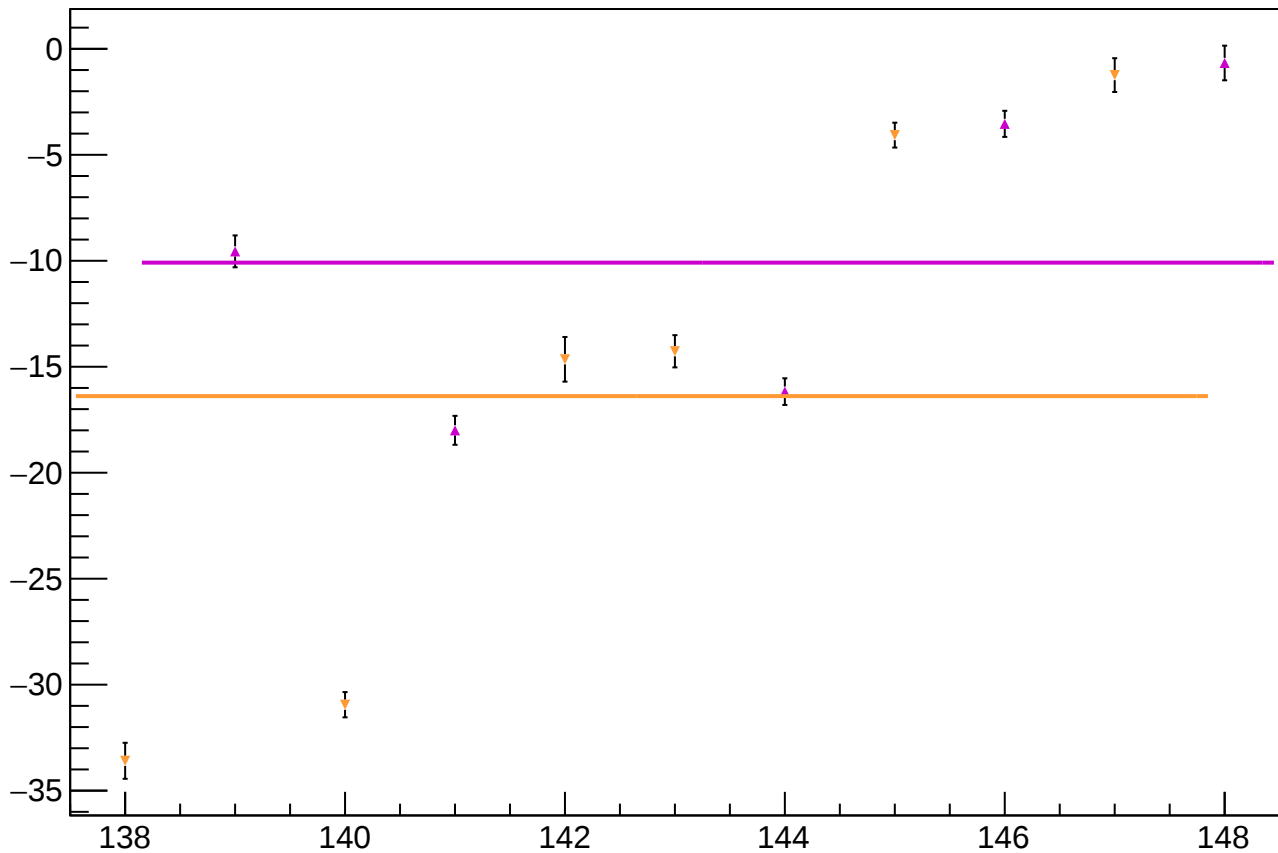
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.295 ± 0.008 χ^2/NDF : 750.7/21

Out: 0.219 ± 0.008 χ^2/NDF : 1411.2/24

All: 0.257 ± 0.005 χ^2/NDF : 2211.8/46

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: -16.385+/-0.297 χ^2/NDF :1819.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.088+/-0.307 χ^2/NDF :474.5/4

Left: -13.342+/-0.214 χ^2/NDF : 2510.4/10

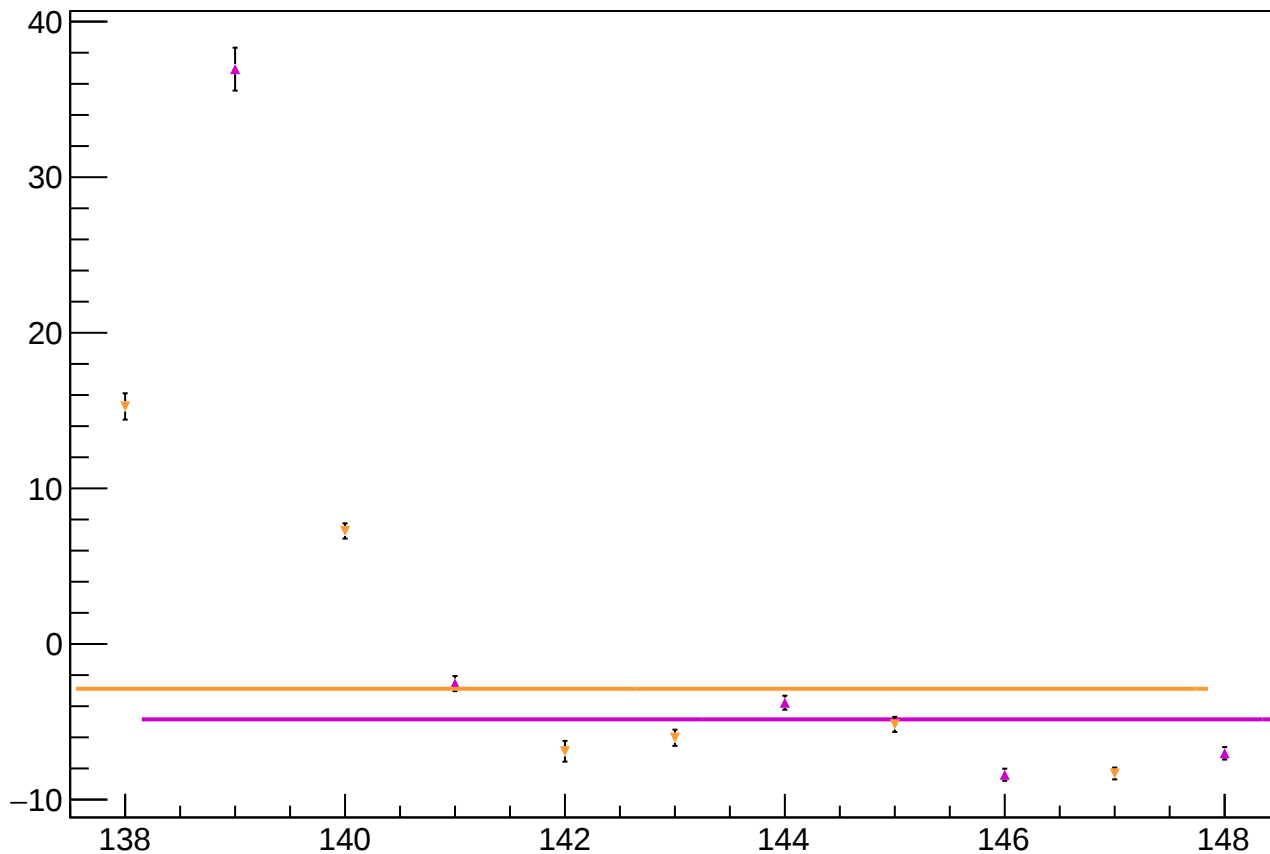
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.088+/-0.307 χ^2/NDF :474.5/4

Out: -16.385+/-0.297 χ^2/NDF :1819.2/5

All: -13.342+/-0.214 χ^2/NDF : 2510.4/10

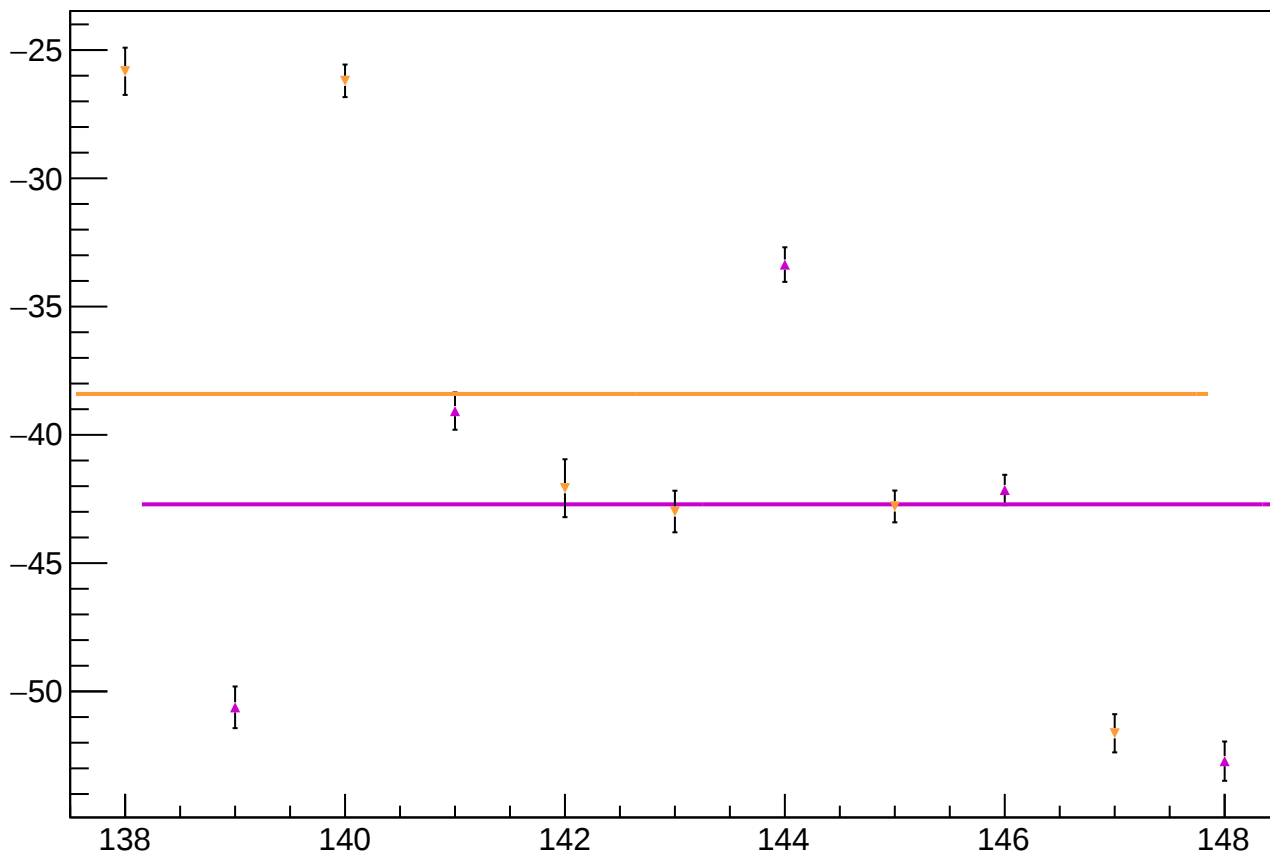
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.878+/-0.210 χ^2/NDF :1188.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.845+/-0.211 χ^2/NDF :1059.4/4

Left: -3.858+/-0.149 χ^2/NDF : 2291.0/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.845+/-0.211 χ^2/NDF :1059.4/4
 Out: -2.878+/-0.210 χ^2/NDF :1188.0/5
 All: -3.858+/-0.149 χ^2/NDF : 2291.0/10

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: -38.406+/-0.311 χ^2/NDF :964.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.709+/-0.313 χ^2/NDF :484.0/4

Left: -40.537+/-0.221 χ^2/NDF : 1543.4/10

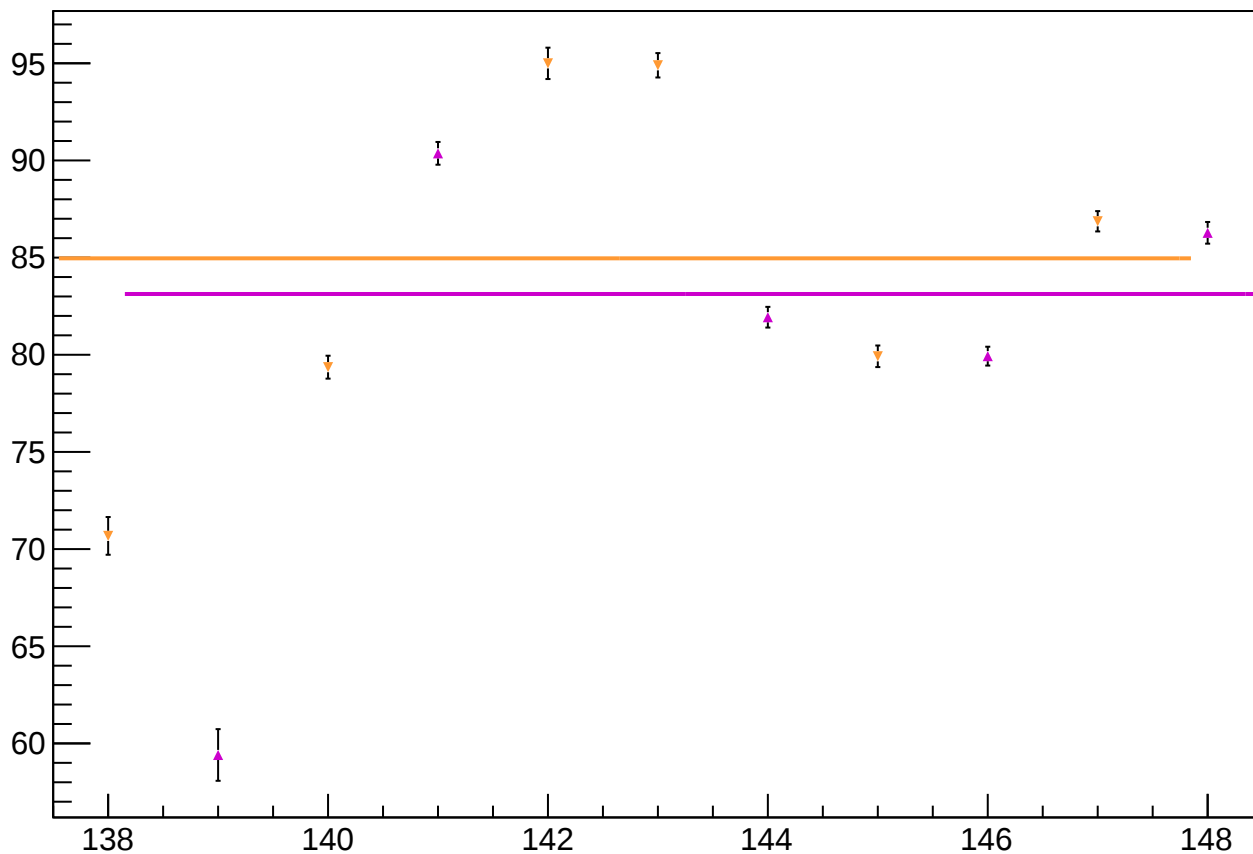
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.709+/-0.313 χ^2/NDF :484.0/4

Out: -38.406+/-0.311 χ^2/NDF :964.3/5

All: -40.537+/-0.221 χ^2/NDF : 1543.4/10

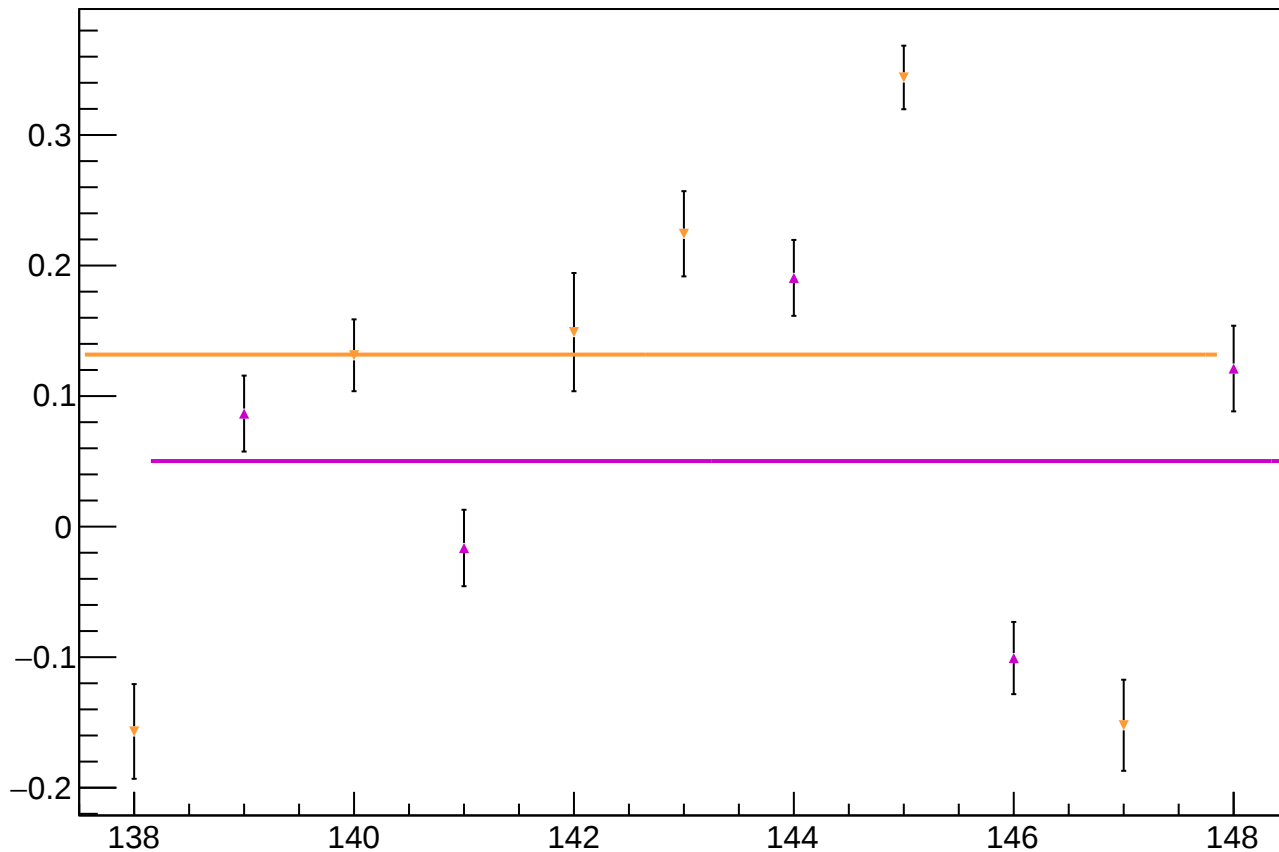
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 84.963+/-0.259 χ^2/NDF : 807.5/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 83.127+/-0.263 χ^2/NDF : 551.5/4

Left: 84.059+/-0.184 χ^2/NDF : 1383.7/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.127+/-0.263 χ^2/NDF : 551.5/4
 Out: 84.963+/-0.259 χ^2/NDF : 807.5/5
 All: 84.059+/-0.184 χ^2/NDF : 1383.7/10

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.132 $\pm$ 0.013 χ^2 /NDF:213.9/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.050 $\pm$ 0.013 χ^2 /NDF:64.5/4

Left: 0.092 $\pm$ 0.009 χ^2 /NDF: 297.9/10

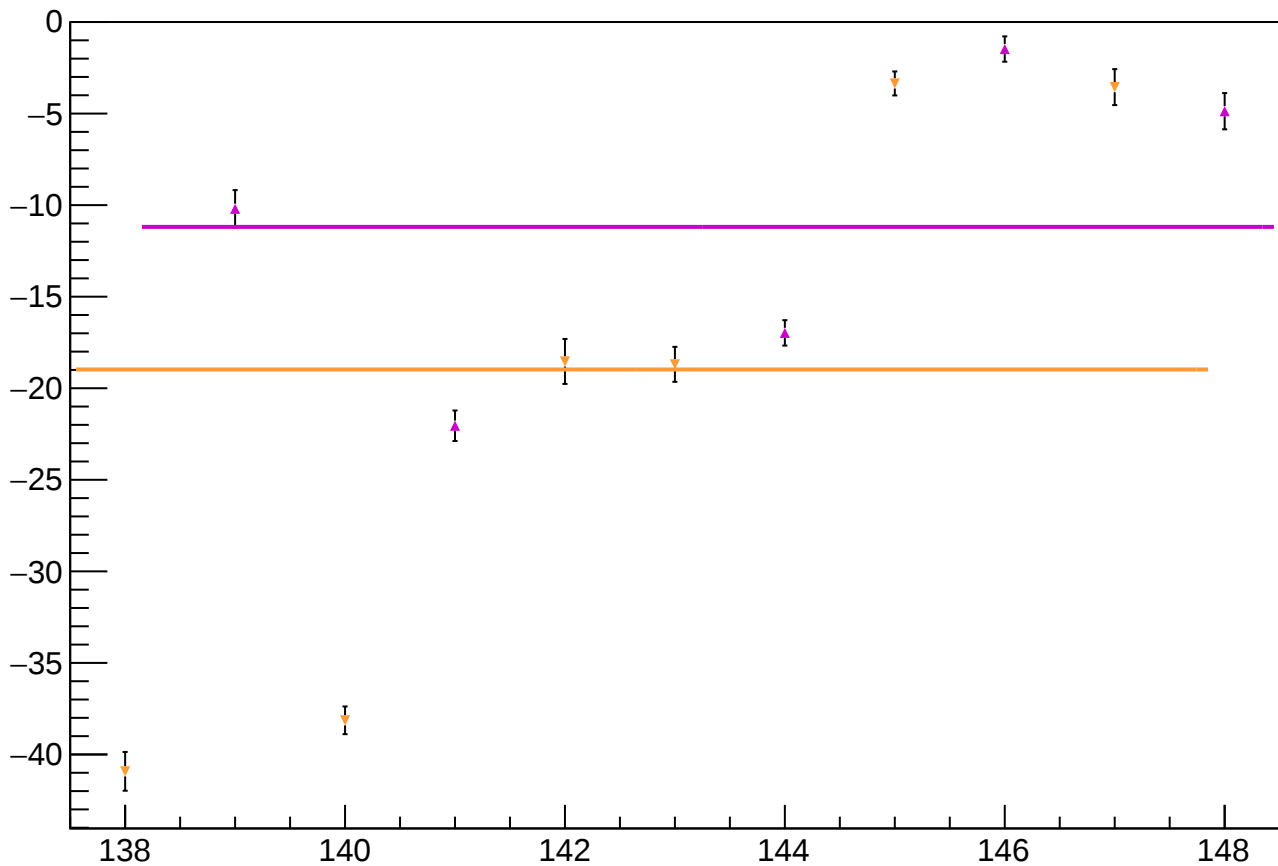
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.050 $\pm$ 0.013 χ^2 /NDF:64.5/4

Out: 0.132 $\pm$ 0.013 χ^2 /NDF:213.9/5

All: 0.092 $\pm$ 0.009 χ^2 /NDF: 297.9/10

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: -18.976+/-0.359 χ^2/NDF :1886.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.188+/-0.363 χ^2/NDF :478.0/4

Left: -15.127+/-0.255 χ^2/NDF : 2597.4/10

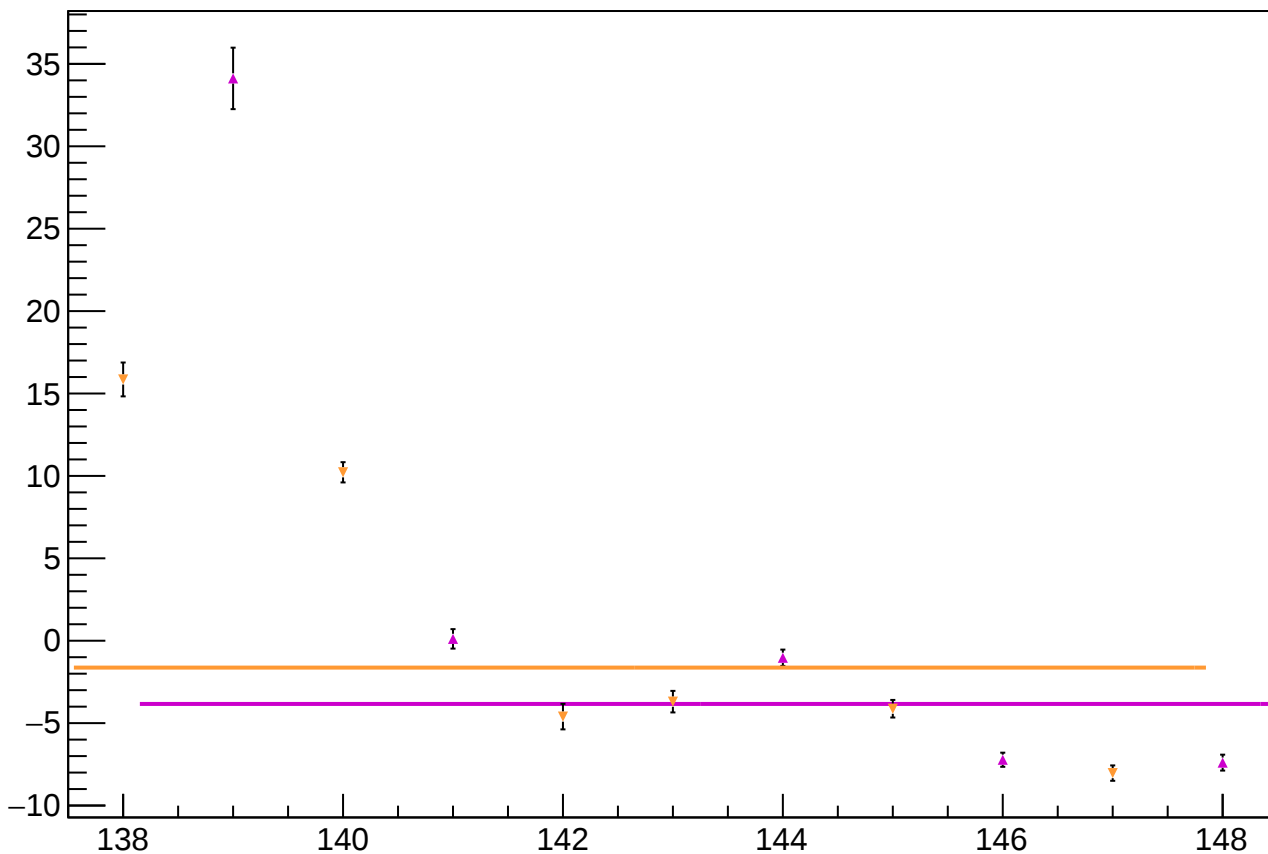
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.188+/-0.363 χ^2/NDF :478.0/4

Out: -18.976+/-0.359 χ^2/NDF :1886.6/5

All: -15.127+/-0.255 χ^2/NDF : 2597.4/10

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: -1.630+/-0.252 χ^2/NDF : 896.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.836+/-0.243 χ^2/NDF : 607.7/4

Left: -2.776+/-0.175 χ^2/NDF : 1543.8/10

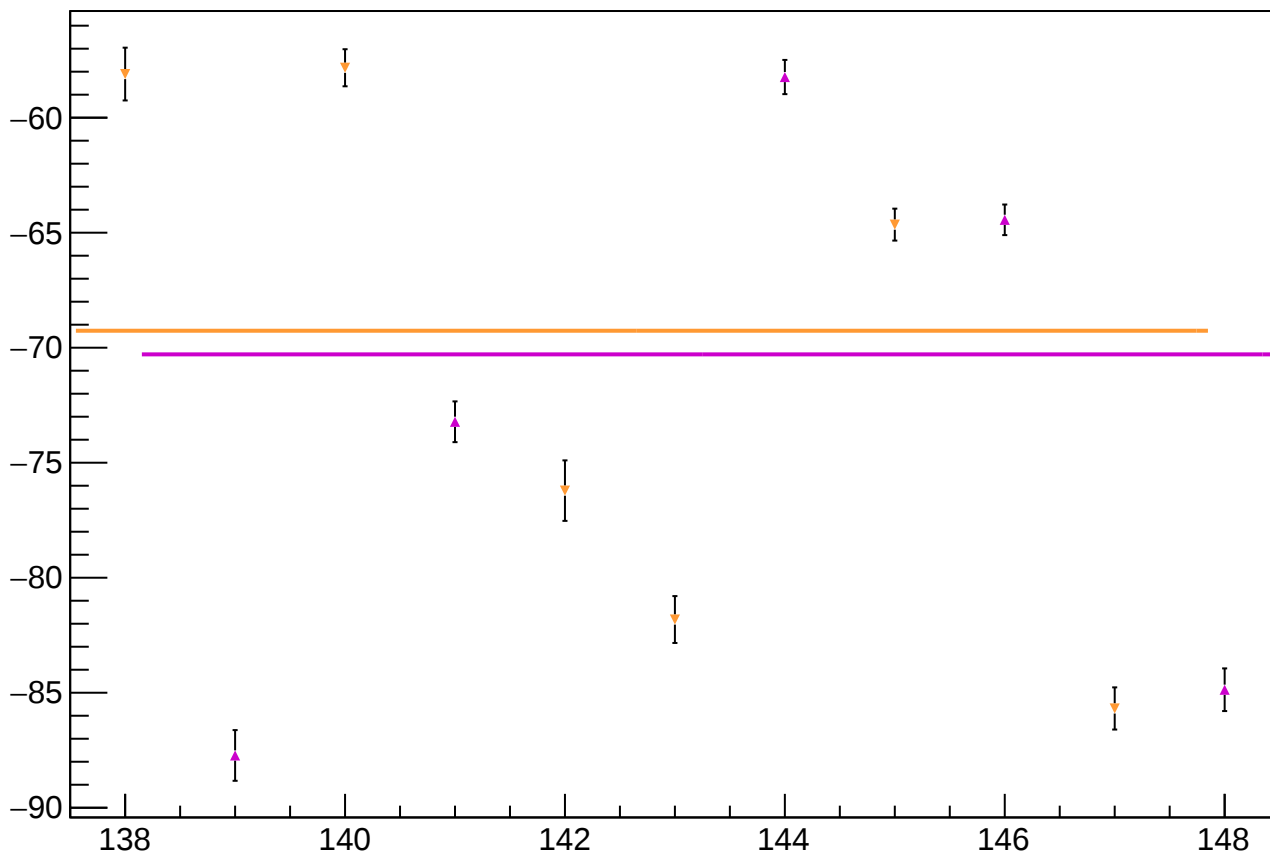
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.836+/-0.243 χ^2/NDF : 607.7/4

Out: -1.630+/-0.252 χ^2/NDF : 896.5/5

All: -2.776+/-0.175 χ^2/NDF : 1543.8/10

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



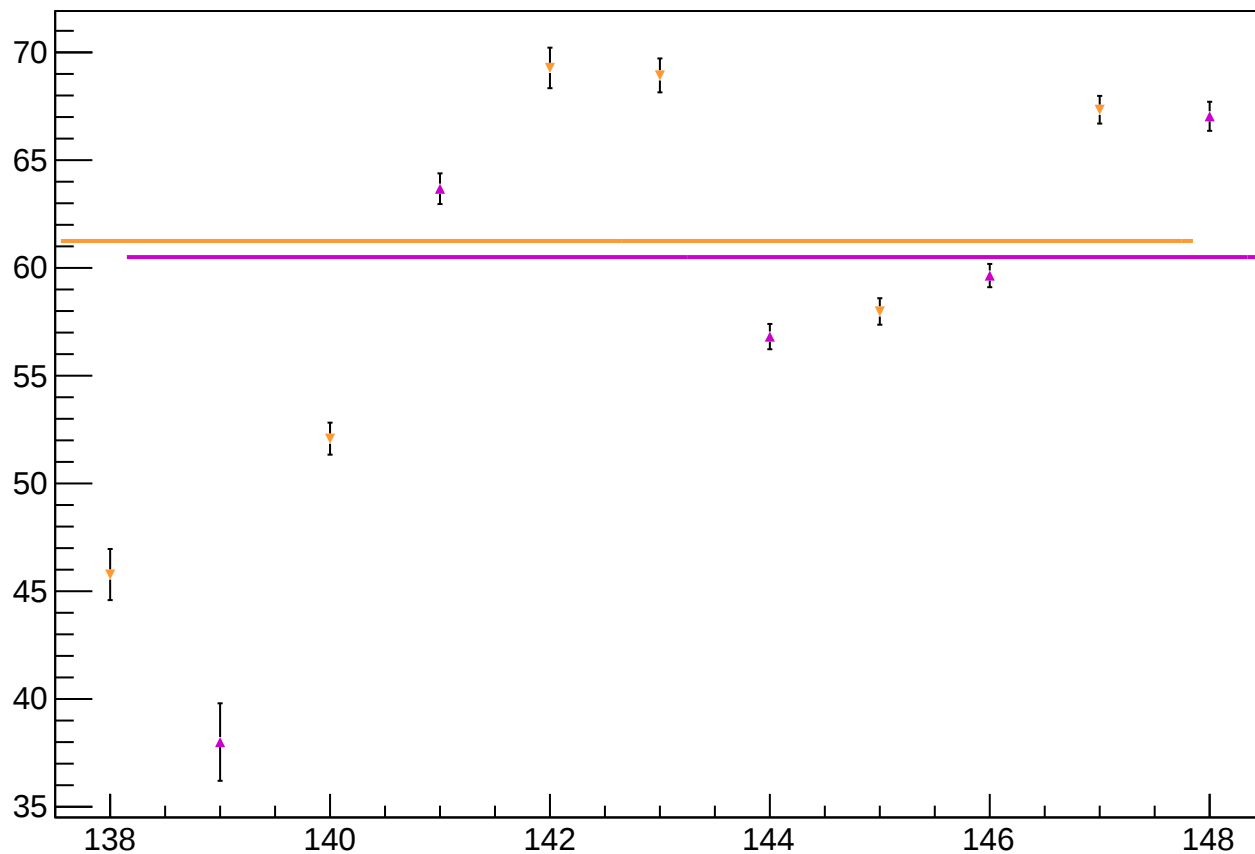
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -69.262+/-0.375 χ^2/NDF :840.7/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -70.290+/-0.369 χ^2/NDF :848.8/4

Left: -69.784+/-0.263 χ^2/NDF : 1693.3/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.290+/-0.369 χ^2/NDF :848.8/4
 Out: -69.262+/-0.375 χ^2/NDF :840.7/5

All: -69.784+/-0.263 χ^2/NDF : 1693.3/10

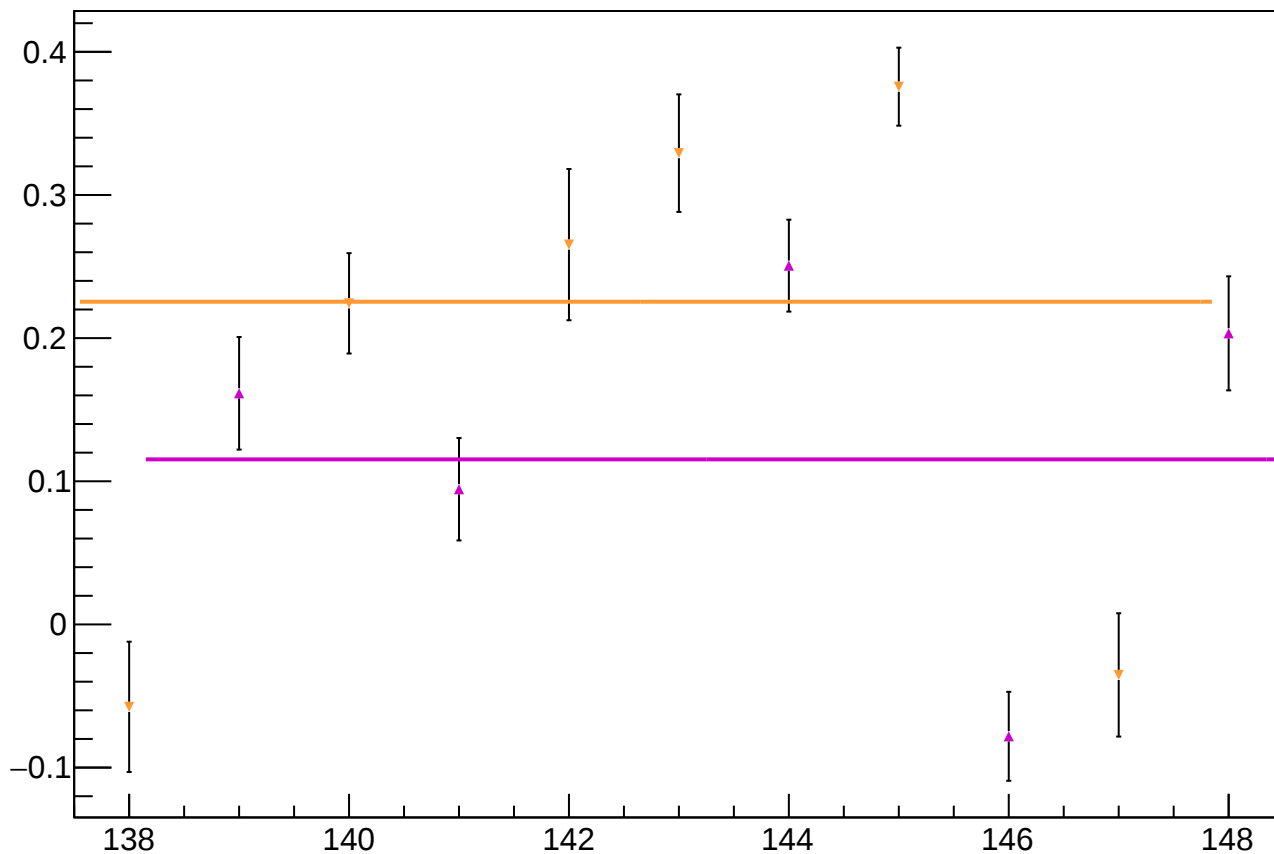
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 61.251+/-0.311 χ^2/NDF :609.3/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 60.503+/-0.304 χ^2/NDF :312.5/4

Left: 60.868+/-0.217 χ^2/NDF : 924.8/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 60.503+/-0.304 χ^2/NDF :312.5/4
 Out: 61.251+/-0.311 χ^2/NDF :609.3/5
 All: 60.868+/-0.217 χ^2/NDF : 924.8/10

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.225+/-0.016 χ^2/NDF :112.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.115+/-0.016 χ^2/NDF :63.1/4

Left: 0.171+/-0.011 χ^2/NDF : 200.6/10

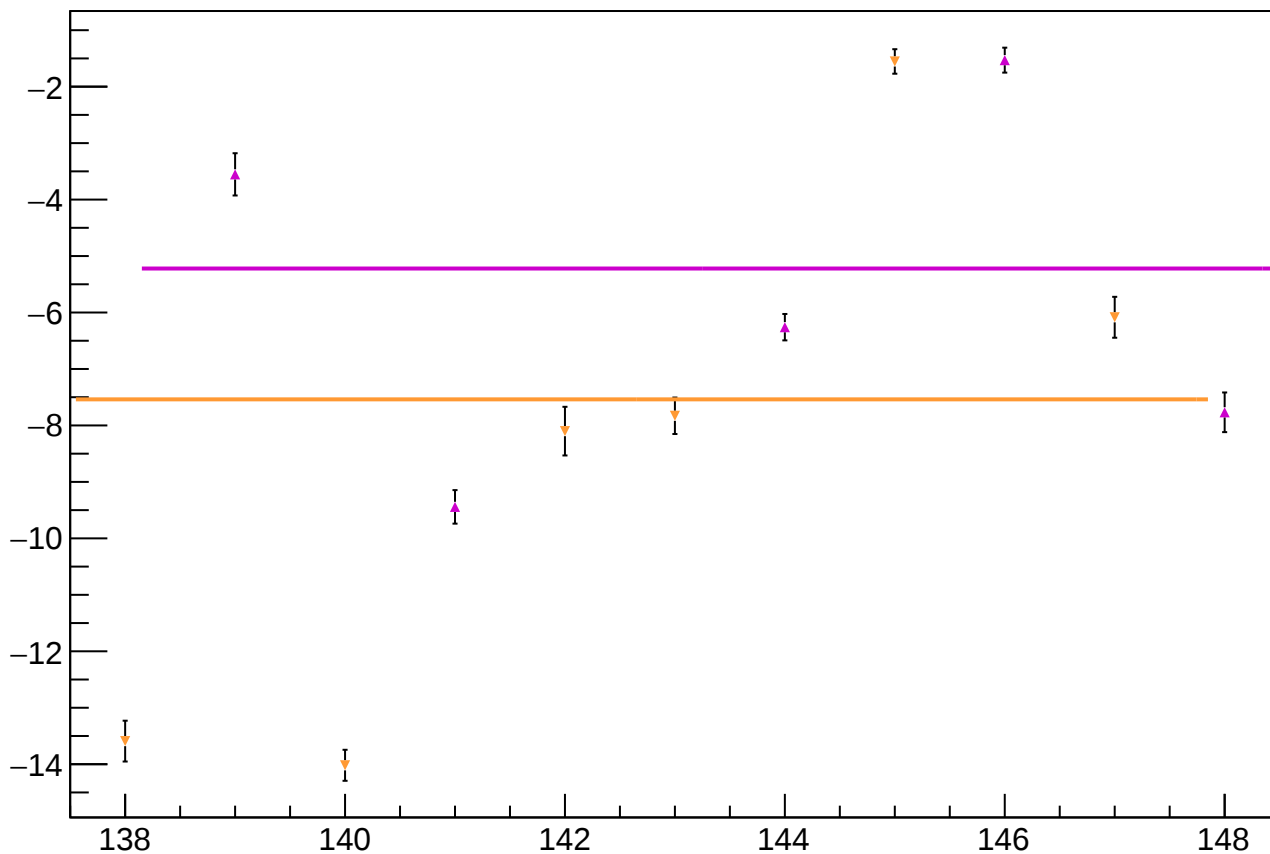
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.115+/-0.016 χ^2/NDF :63.1/4

Out: 0.225+/-0.016 χ^2/NDF :112.7/5

All: 0.171+/-0.011 χ^2/NDF : 200.6/10

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



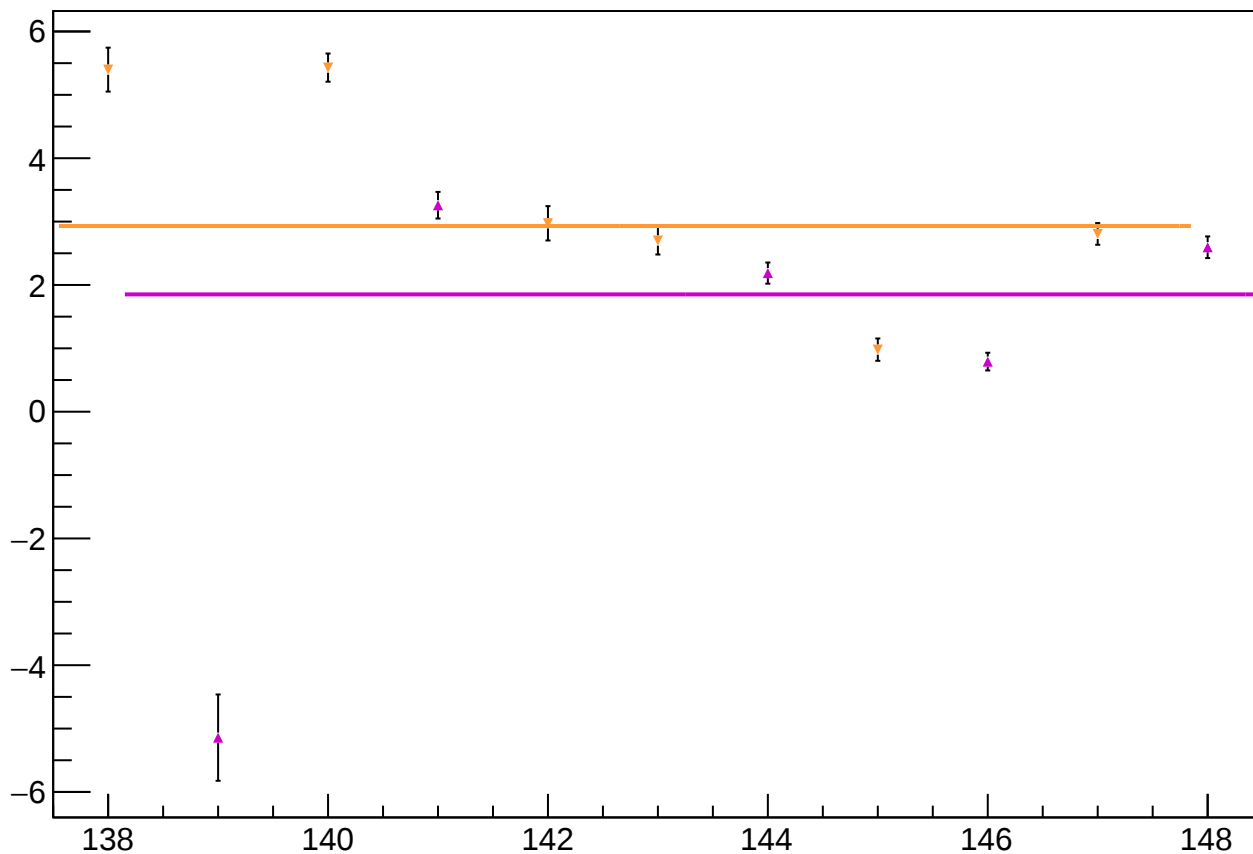
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.538+/-0.124 χ^2/NDF :1616.3/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.221+/-0.124 χ^2/NDF :573.5/4

Left: -6.374+/-0.088 χ^2/NDF : 2364.5/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.221+/-0.124 χ^2/NDF :573.5/4
 Out: -7.538+/-0.124 χ^2/NDF :1616.3/5

All: -6.374+/-0.088 χ^2/NDF : 2364.5/10

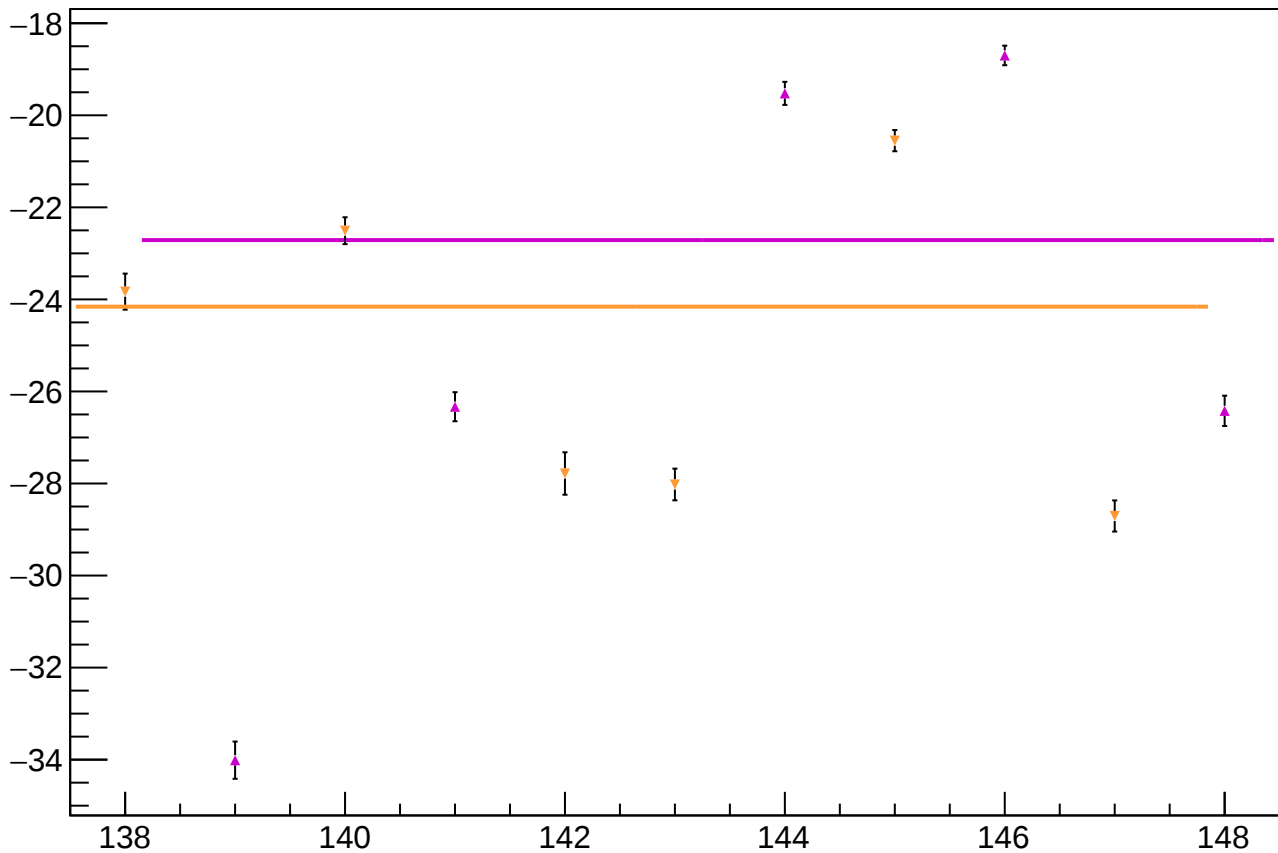
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.930+/-0.088 χ^2/NDF :301.2/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.851+/-0.083 χ^2/NDF :231.0/4

Left: 2.357+/-0.060 χ^2/NDF : 612.0/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.851+/-0.083 χ^2/NDF :231.0/4
 Out: 2.930+/-0.088 χ^2/NDF :301.2/5
 All: 2.357+/-0.060 χ^2/NDF : 612.0/10

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: -24.158+/-0.130 χ^2/NDF :646.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.711+/-0.126 χ^2/NDF :1557.1/4

Left: -23.408+/-0.090 χ^2/NDF : 2267.3/10

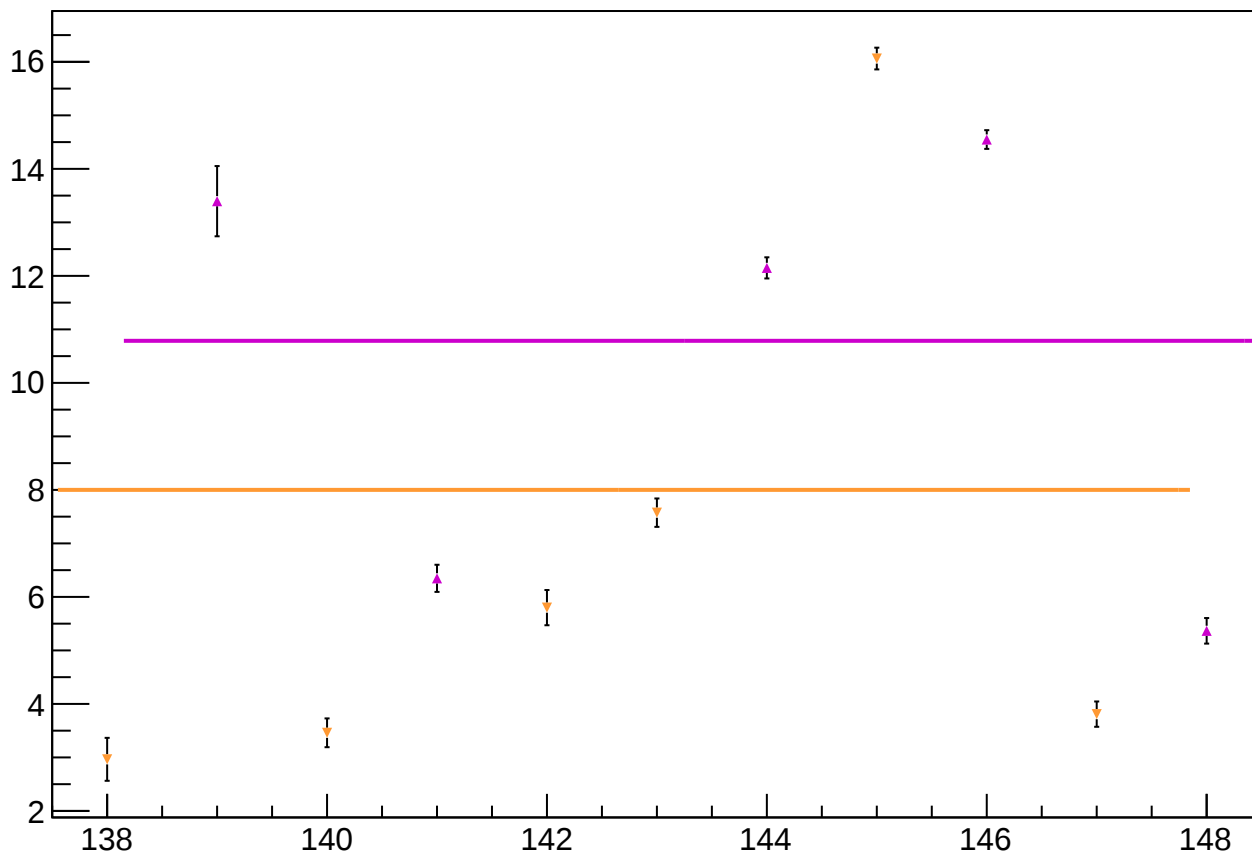
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.711+/-0.126 χ^2/NDF :1557.1/4

Out: -24.158+/-0.130 χ^2/NDF :646.2/5

All: -23.408+/-0.090 χ^2/NDF : 2267.3/10

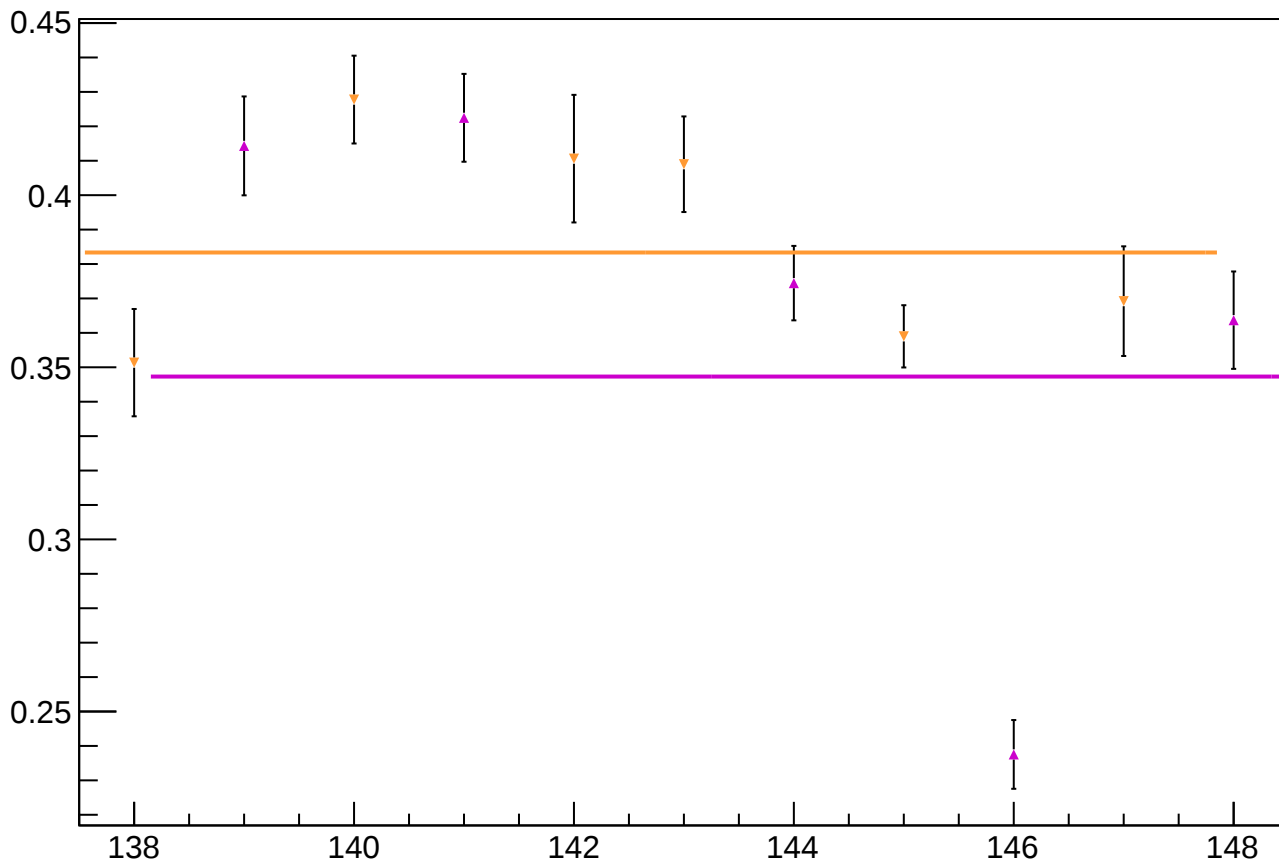
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.000+/-0.108 χ^2/NDF :2377.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.786+/-0.103 χ^2/NDF :1346.9/4

Left: 9.457+/-0.075 χ^2/NDF : 4071.0/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.786+/-0.103 χ^2/NDF :1346.9/4
 Out: 8.000+/-0.108 χ^2/NDF :2377.1/5
 All: 9.457+/-0.075 χ^2/NDF : 4071.0/10

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: 0.383 $\pm$ 0.005 χ^2 /NDF:30.0/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.347 $\pm$ 0.005 χ^2 /NDF:184.9/4

Left: 0.365 $\pm$ 0.004 χ^2 /NDF: 237.3/10

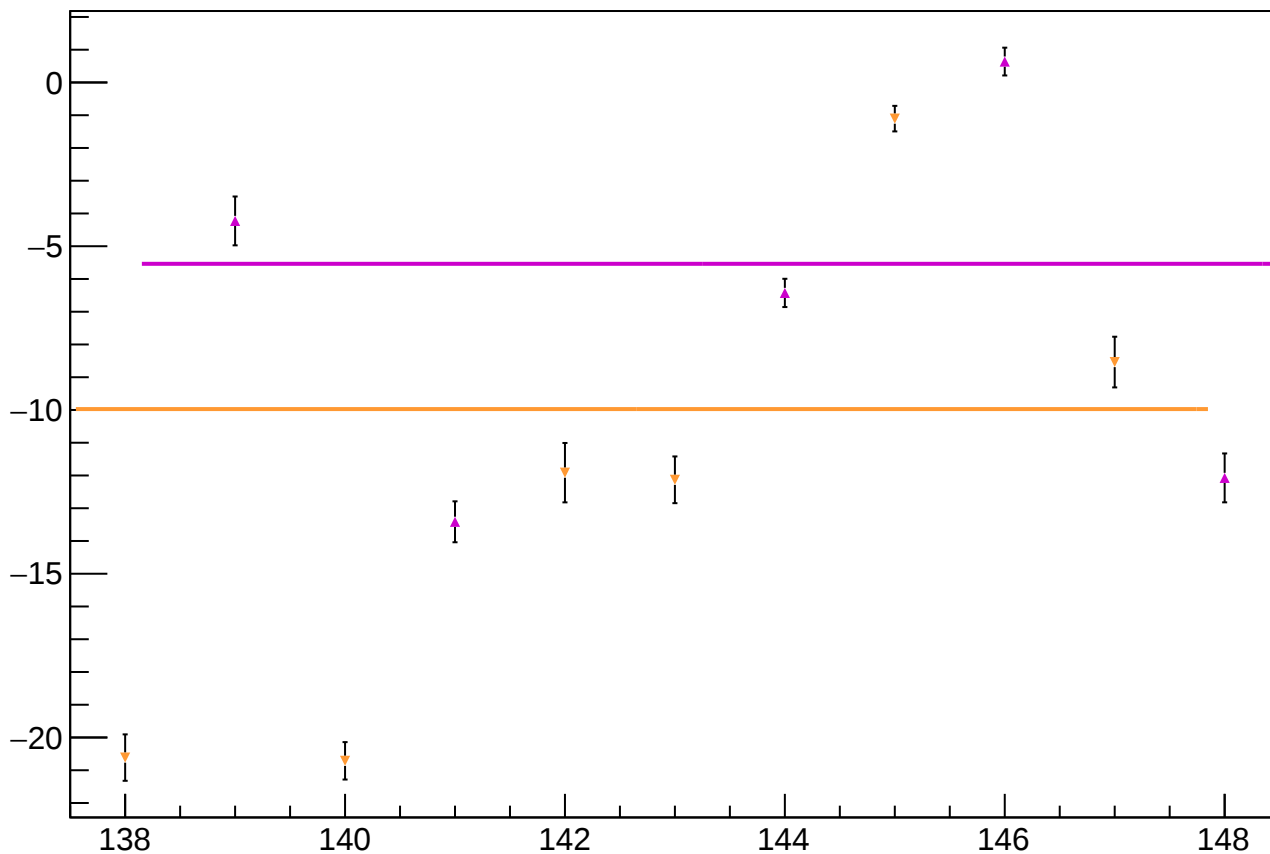
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.347 $\pm$ 0.005 χ^2 /NDF:184.9/4

Out: 0.383 $\pm$ 0.005 χ^2 /NDF:30.0/5

All: 0.365 $\pm$ 0.004 χ^2 /NDF: 237.3/10

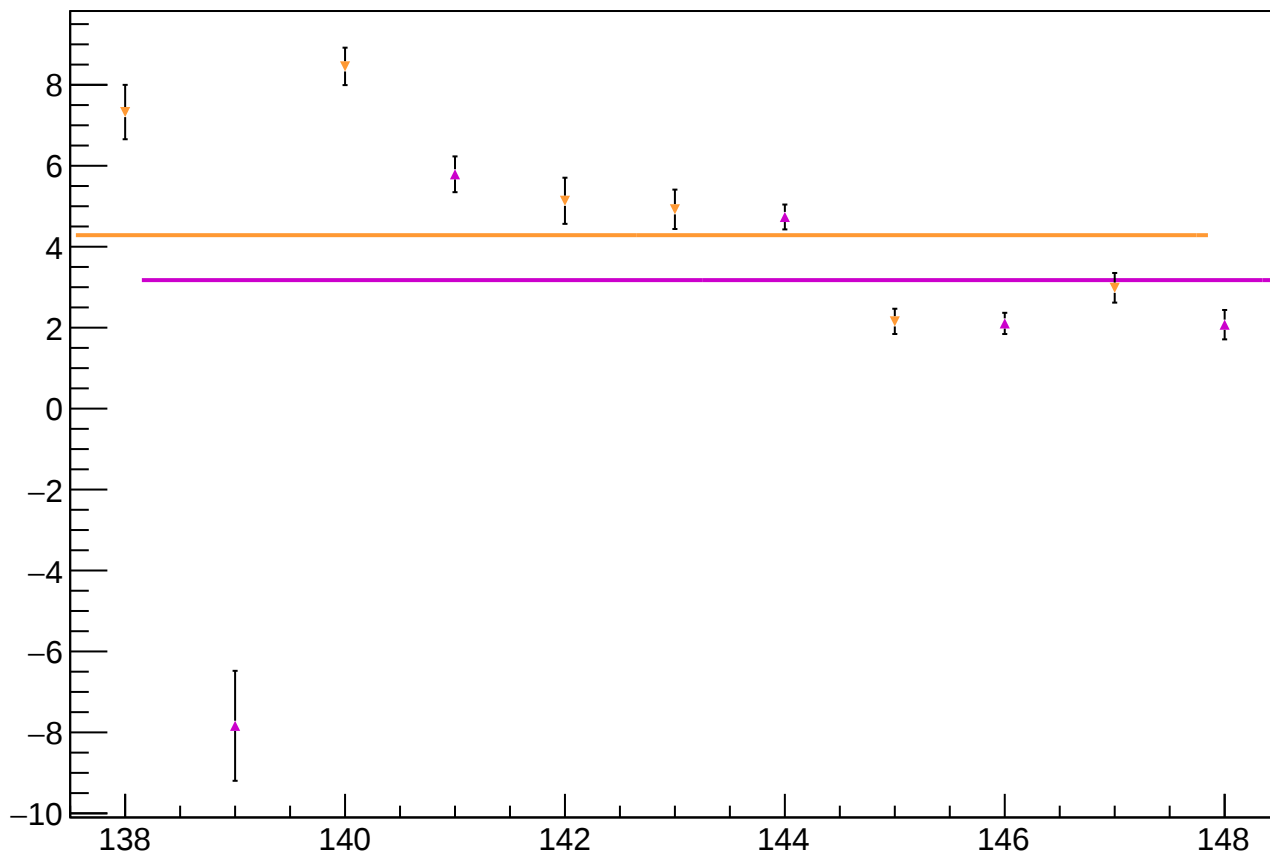
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.972+/-0.246 χ^2/NDF :1112.8/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.537+/-0.242 χ^2/NDF :454.7/4

Left: -7.715+/-0.173 χ^2/NDF : 1732.6/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.537+/-0.242 χ^2/NDF :454.7/4
 Out: -9.972+/-0.246 χ^2/NDF :1112.8/5
 All: -7.715+/-0.173 χ^2/NDF : 1732.6/10

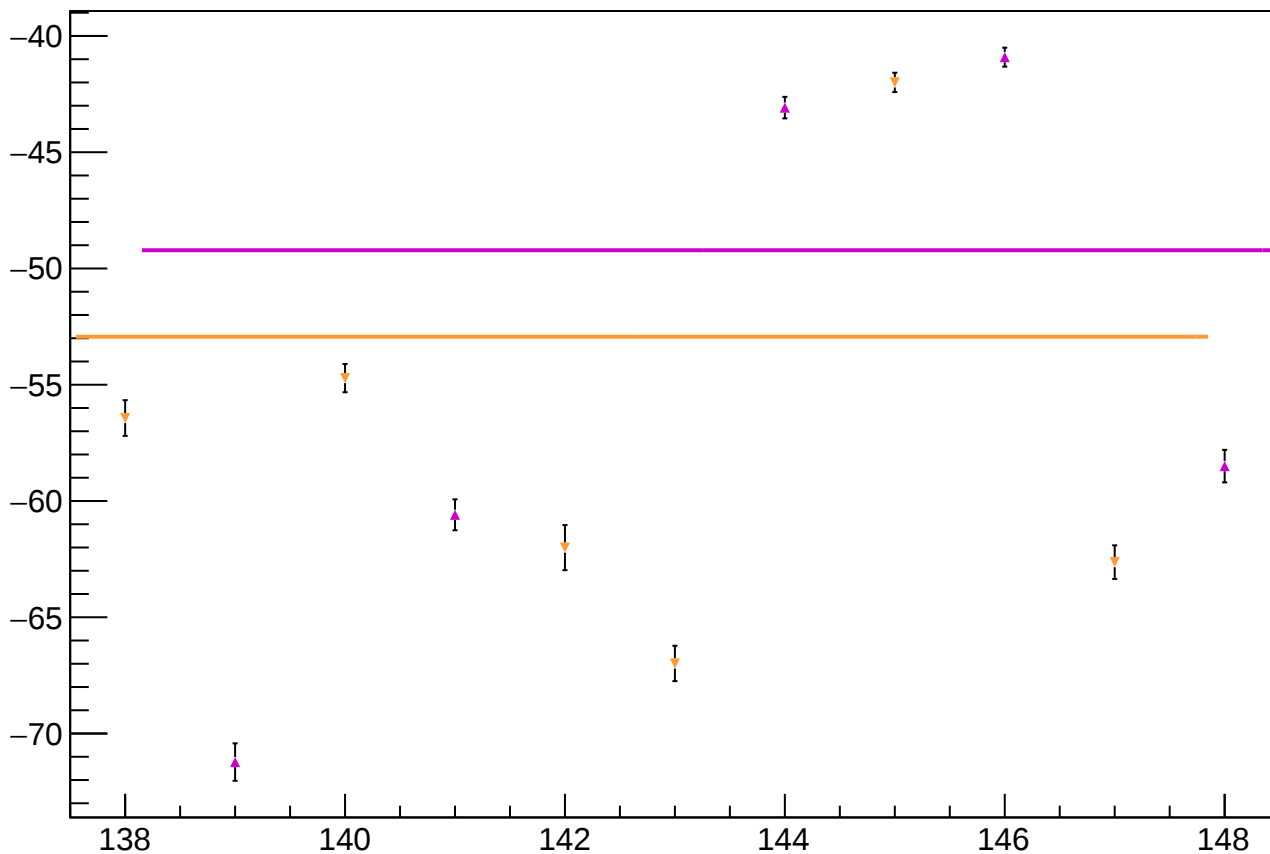
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.285+/-0.177 χ^2/NDF :165.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.175+/-0.161 χ^2/NDF :152.4/4

Left: 3.679+/-0.119 χ^2/NDF : 338.9/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.175+/-0.161 χ^2/NDF :152.4/4
 Out: 4.285+/-0.177 χ^2/NDF :165.0/5
 All: 3.679+/-0.119 χ^2/NDF : 338.9/10

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



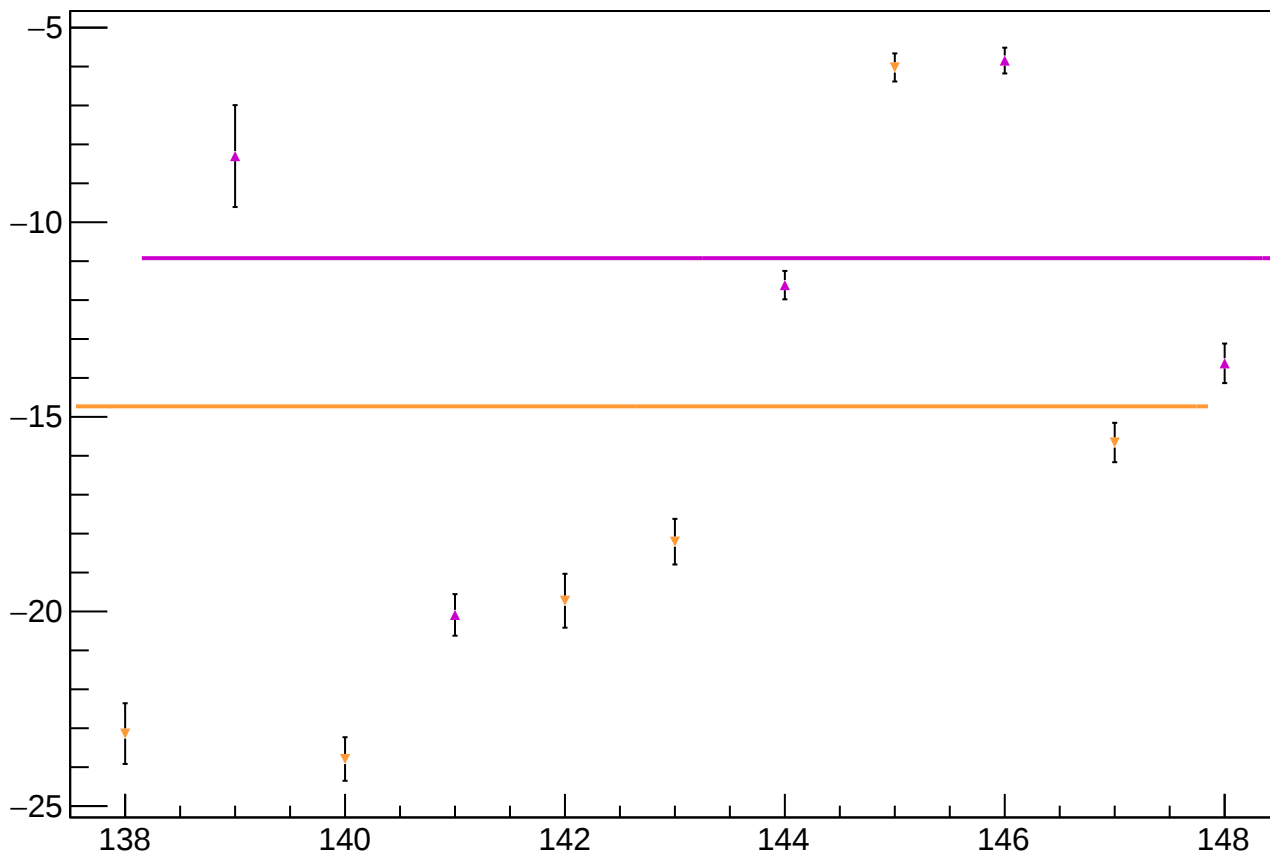
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -52.934 $\pm$ 0.259 χ^2 /NDF:1329.5/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -49.216 $\pm$ 0.246 χ^2 /NDF:1805.6/4

Left: -50.977 $\pm$ 0.178 χ^2 /NDF: 3243.4/10
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -49.216 $\pm$ 0.246 χ^2 /NDF:1805.6/4
 Out: -52.934 $\pm$ 0.259 χ^2 /NDF:1329.5/5

All: -50.977 $\pm$ 0.178 χ^2 /NDF: 3243.4/10

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: -14.730+/-0.216 χ^2/NDF :1050.7/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.923+/-0.202 χ^2/NDF :565.6/4

Left: -12.695+/-0.147 χ^2/NDF : 1782.3/10

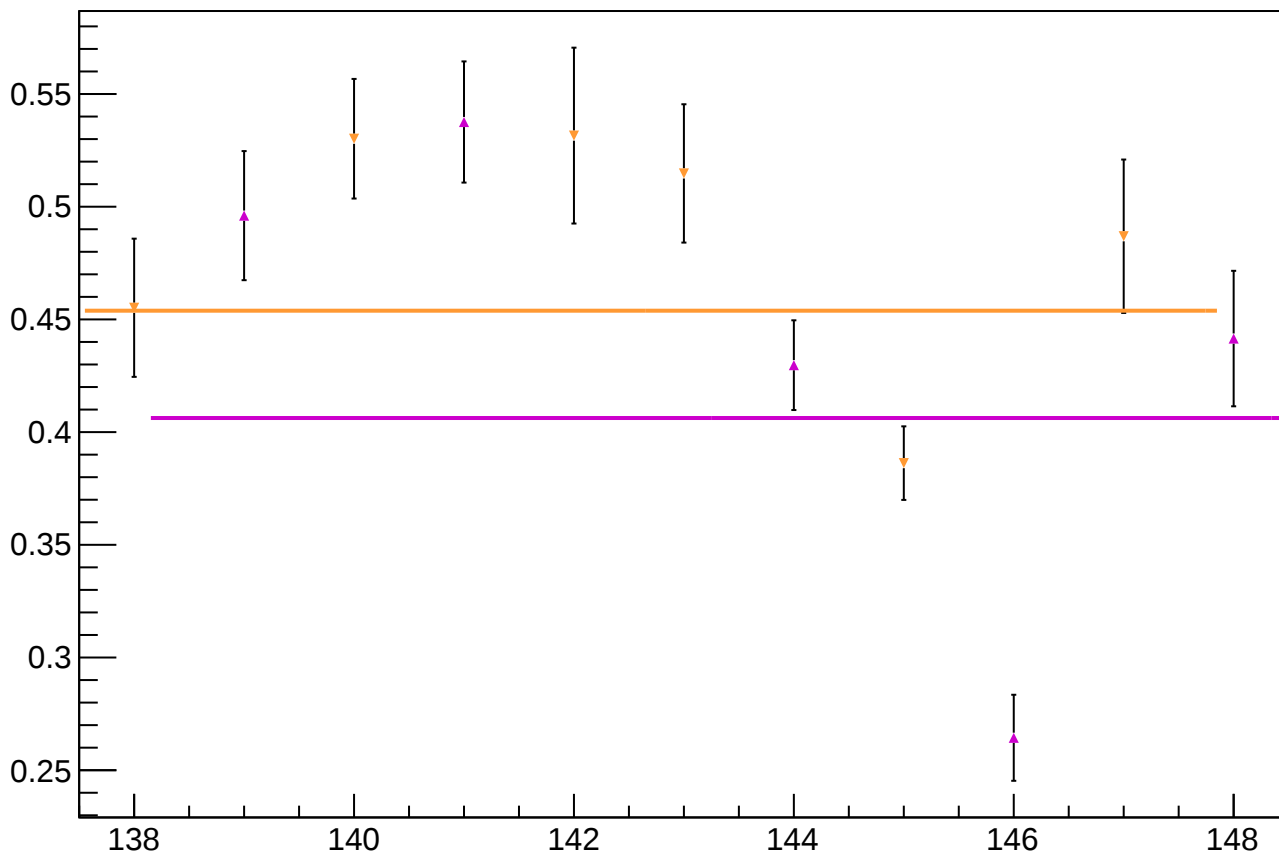
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.923+/-0.202 χ^2/NDF :565.6/4

Out: -14.730+/-0.216 χ^2/NDF :1050.7/5

All: -12.695+/-0.147 χ^2/NDF : 1782.3/10

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: 0.454 $\pm$ 0.011 χ^2 /NDF: 34.3/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.406 $\pm$ 0.011 χ^2 /NDF: 91.7/4

Left: 0.430 $\pm$ 0.007 χ^2 /NDF: 136.1/10

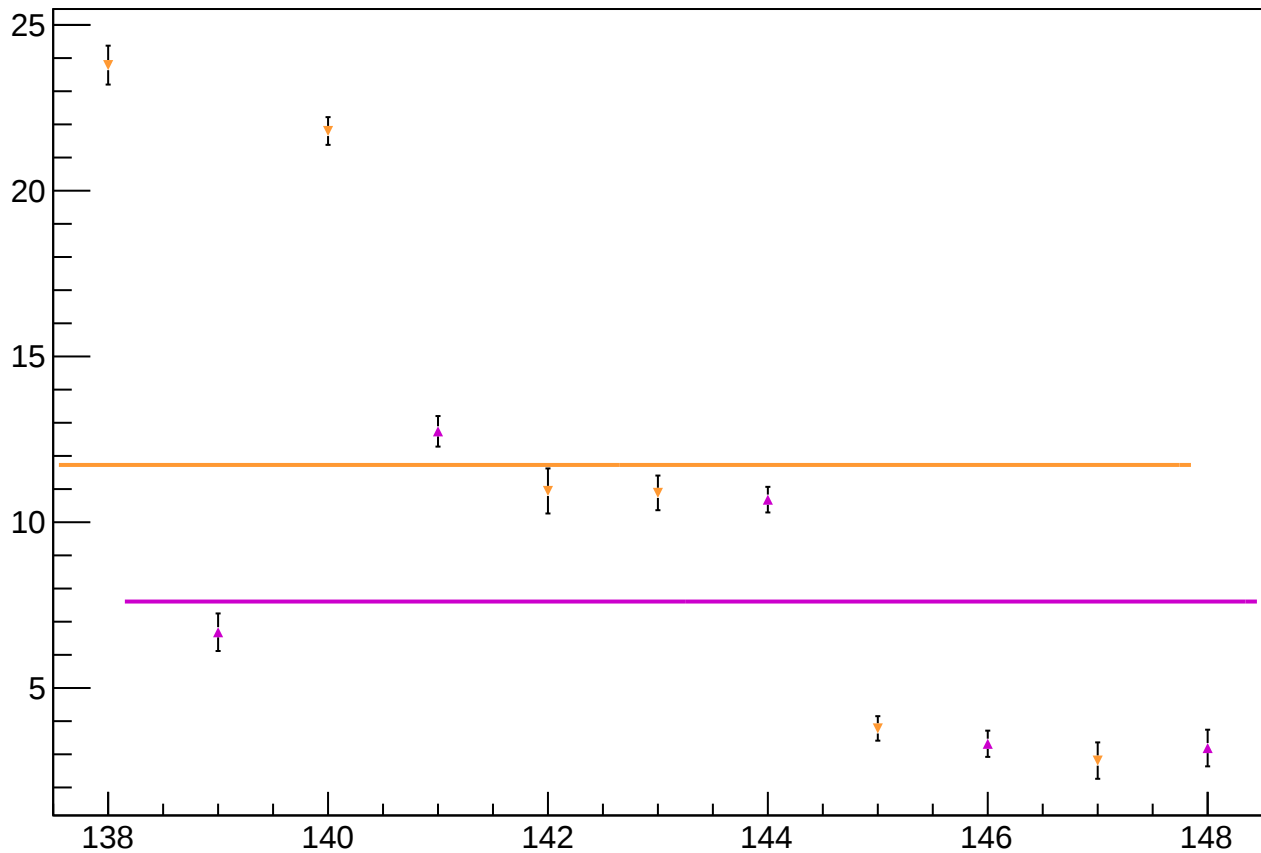
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.406 $\pm$ 0.011 χ^2 /NDF: 91.7/4

Out: 0.454 $\pm$ 0.011 χ^2 /NDF: 34.3/5

All: 0.430 $\pm$ 0.007 χ^2 /NDF: 136.1/10

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: 11.728+/-0.200 χ^2/NDF :1732.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.608+/-0.203 χ^2/NDF :371.4/4

Left: 9.706+/-0.142 χ^2/NDF : 2313.4/10

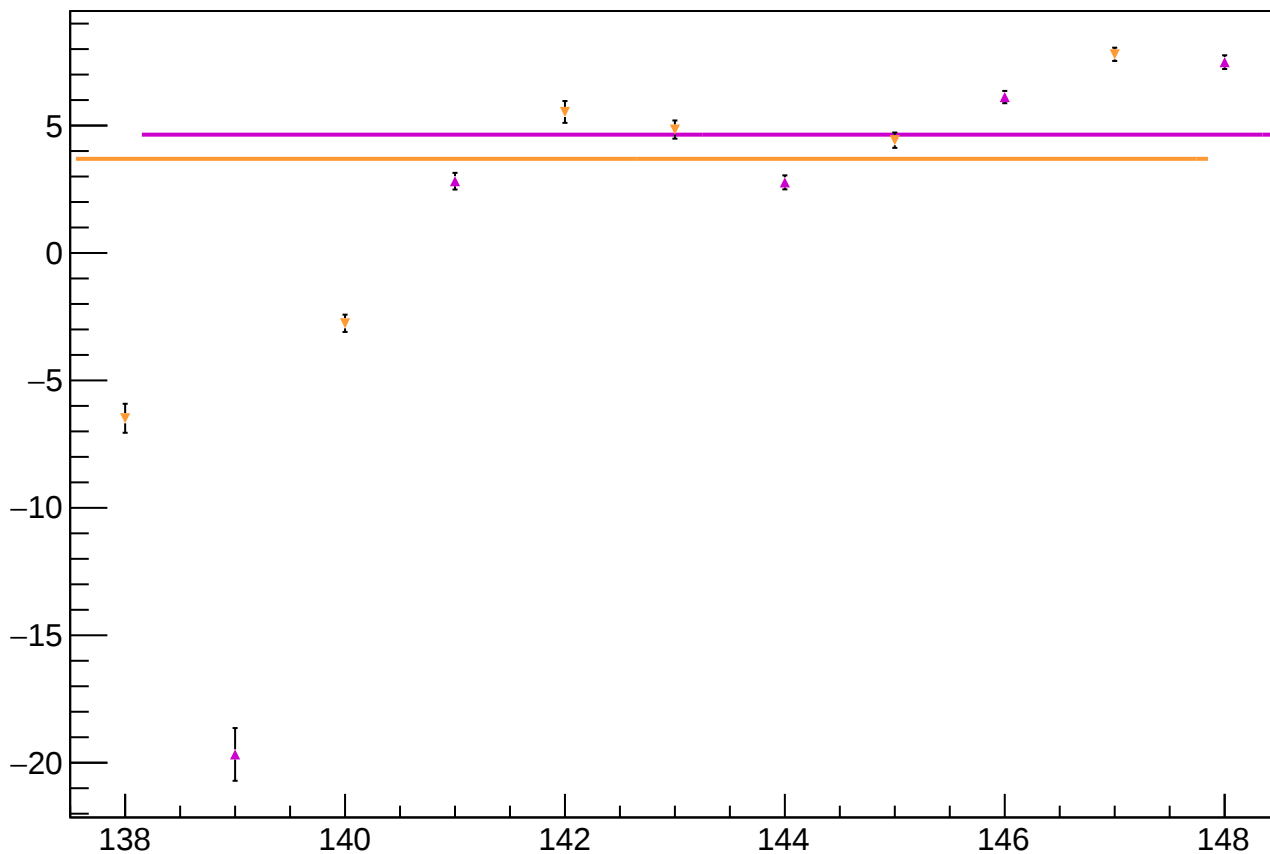
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.608+/-0.203 χ^2/NDF :371.4/4

Out: 11.728+/-0.200 χ^2/NDF :1732.9/5

All: 9.706+/-0.142 χ^2/NDF : 2313.4/10

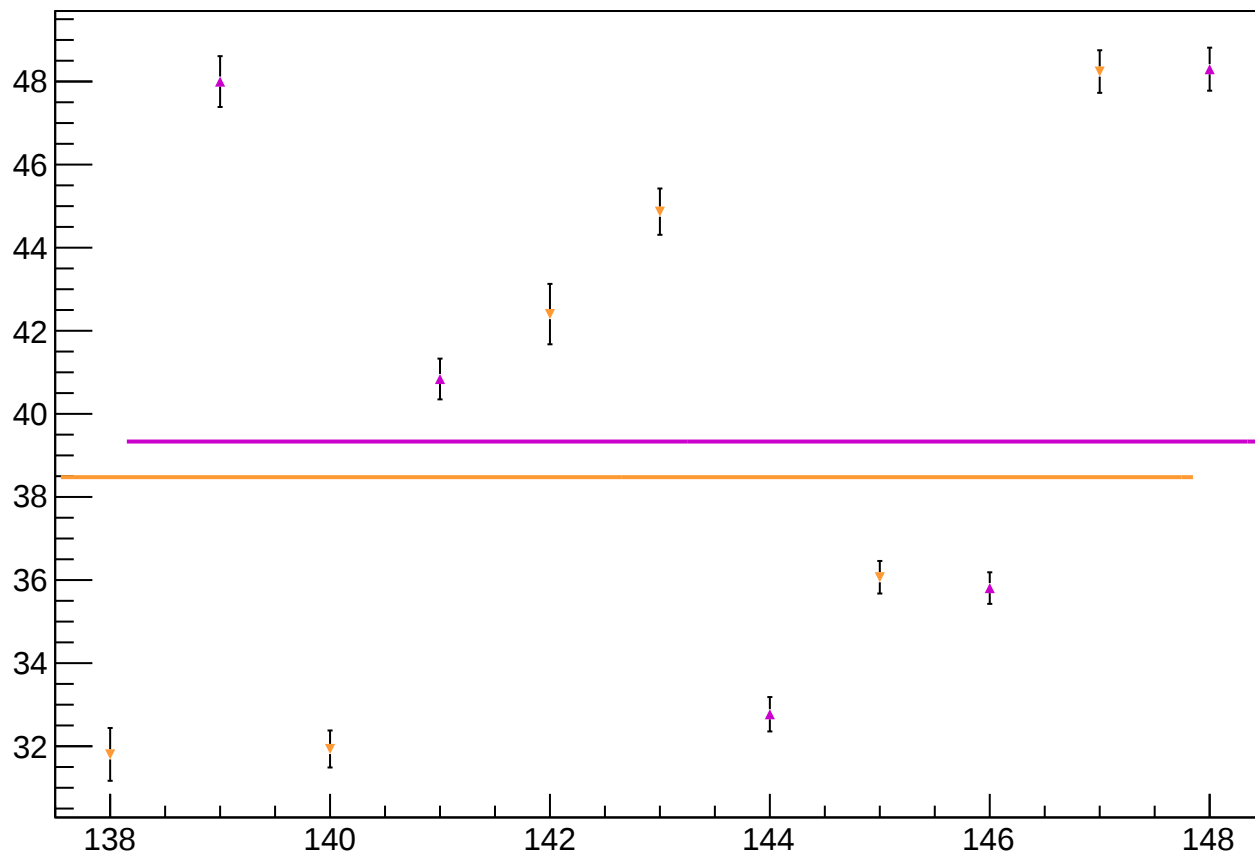
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.695+/-0.140 χ^2/NDF :963.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.643+/-0.136 χ^2/NDF :778.0/4

Left: 4.185+/-0.097 χ^2/NDF : 1764.6/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.643+/-0.136 χ^2/NDF :778.0/4
 Out: 3.695+/-0.140 χ^2/NDF :963.0/5
 All: 4.185+/-0.097 χ^2/NDF : 1764.6/10

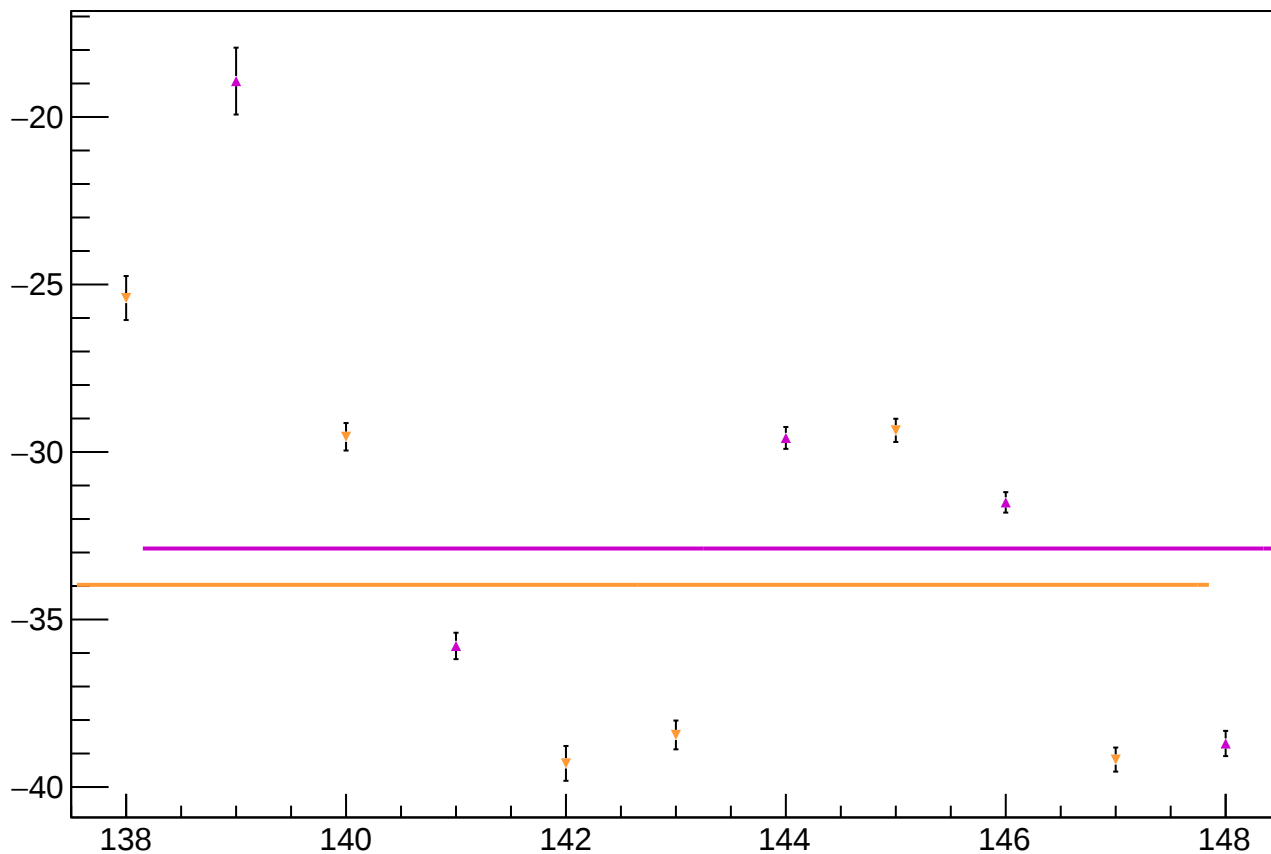
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 38.477+/-0.209 χ^2/NDF : 887.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.334+/-0.207 χ^2/NDF : 847.3/4

Left: 38.909+/-0.147 χ^2/NDF : 1742.9/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.334+/-0.207 χ^2/NDF : 847.3/4
 Out: 38.477+/-0.209 χ^2/NDF : 887.1/5
 All: 38.909+/-0.147 χ^2/NDF : 1742.9/10

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: -33.965+/-0.173 χ^2/NDF : 887.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.881+/-0.170 χ^2/NDF : 611.7/4

Left: -33.413+/-0.121 χ^2/NDF : 1519.4/10

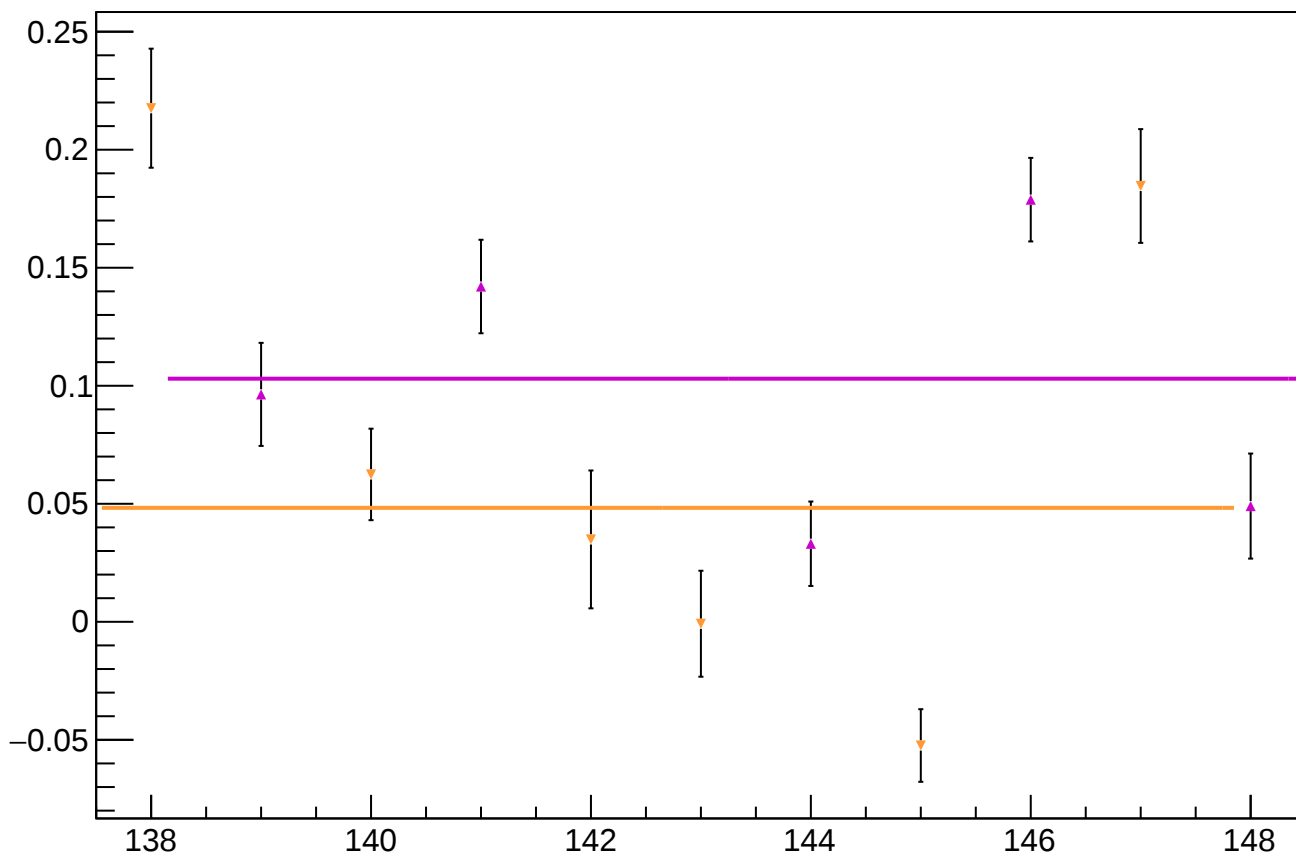
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.881+/-0.170 χ^2/NDF : 611.7/4

Out: -33.965+/-0.173 χ^2/NDF : 887.7/5

All: -33.413+/-0.121 χ^2/NDF : 1519.4/10

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: 0.048 $\pm$ 0.009 χ^2 /NDF:125.5/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.103 $\pm$ 0.009 χ^2 /NDF:43.5/4

Left: 0.075 $\pm$ 0.006 χ^2 /NDF: 188.7/10

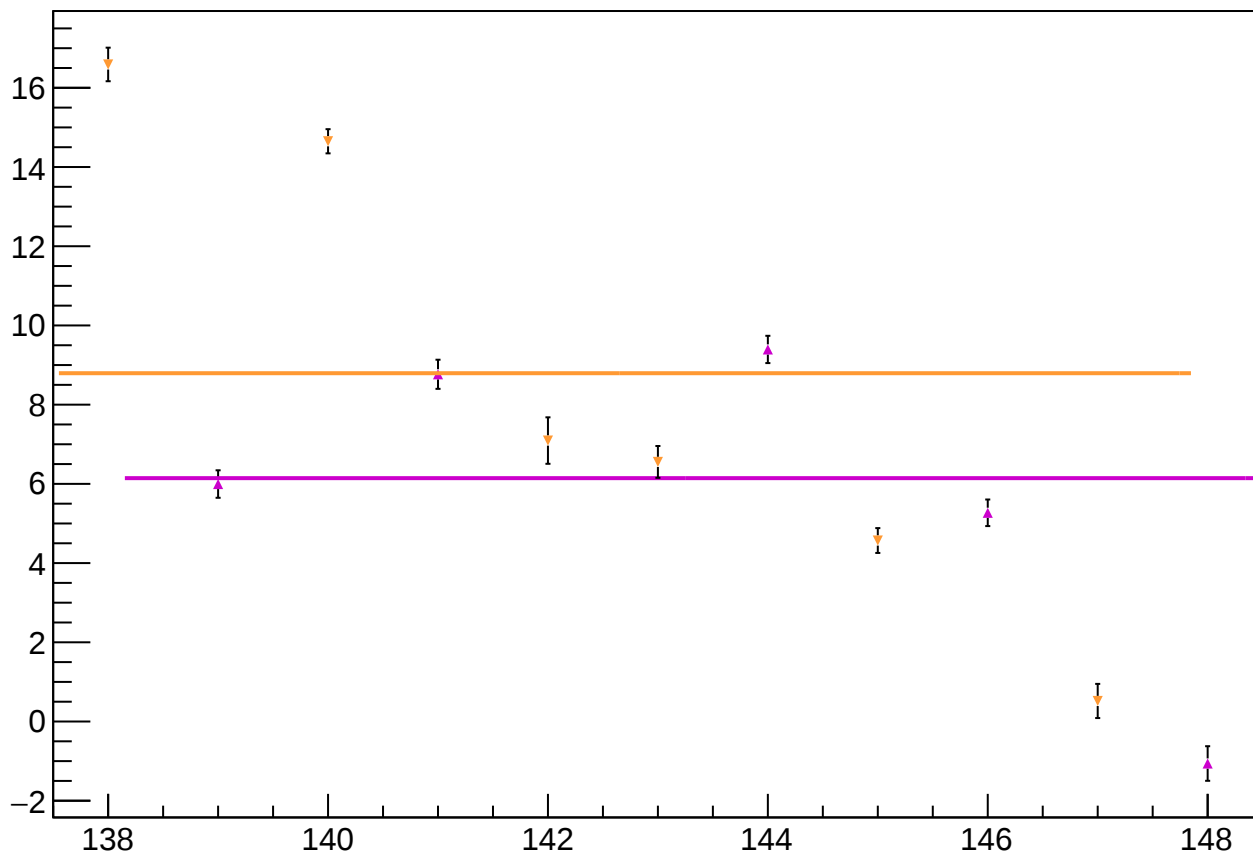
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.103 $\pm$ 0.009 χ^2 /NDF:43.5/4

Out: 0.048 $\pm$ 0.009 χ^2 /NDF:125.5/5

All: 0.075 $\pm$ 0.006 χ^2 /NDF: 188.7/10

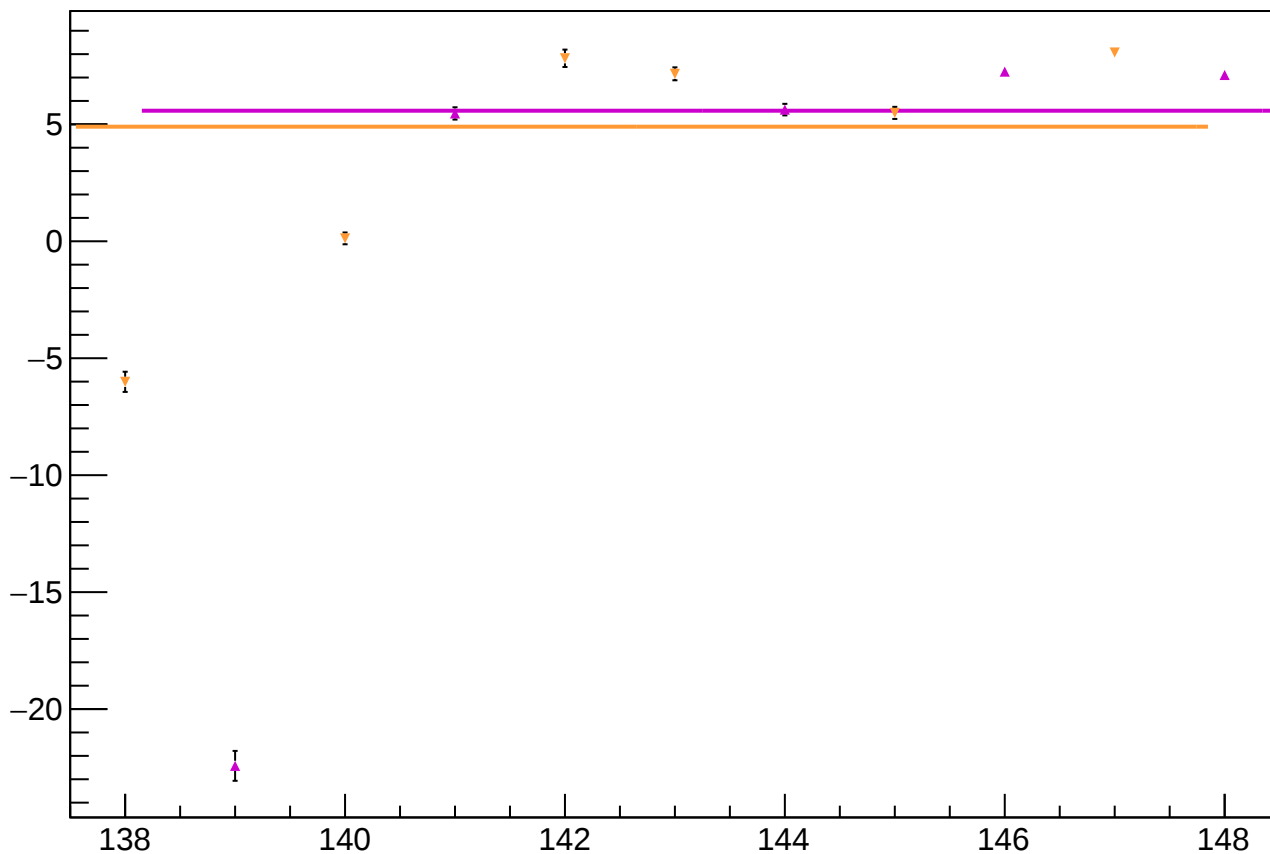
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.794+/-0.156 χ^2/NDF :1295.8/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.145+/-0.162 χ^2/NDF :419.1/4

Left: 7.514+/-0.112 χ^2/NDF : 1853.7/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.145+/-0.162 χ^2/NDF :419.1/4
 Out: 8.794+/-0.156 χ^2/NDF :1295.8/5
 All: 7.514+/-0.112 χ^2/NDF : 1853.7/10

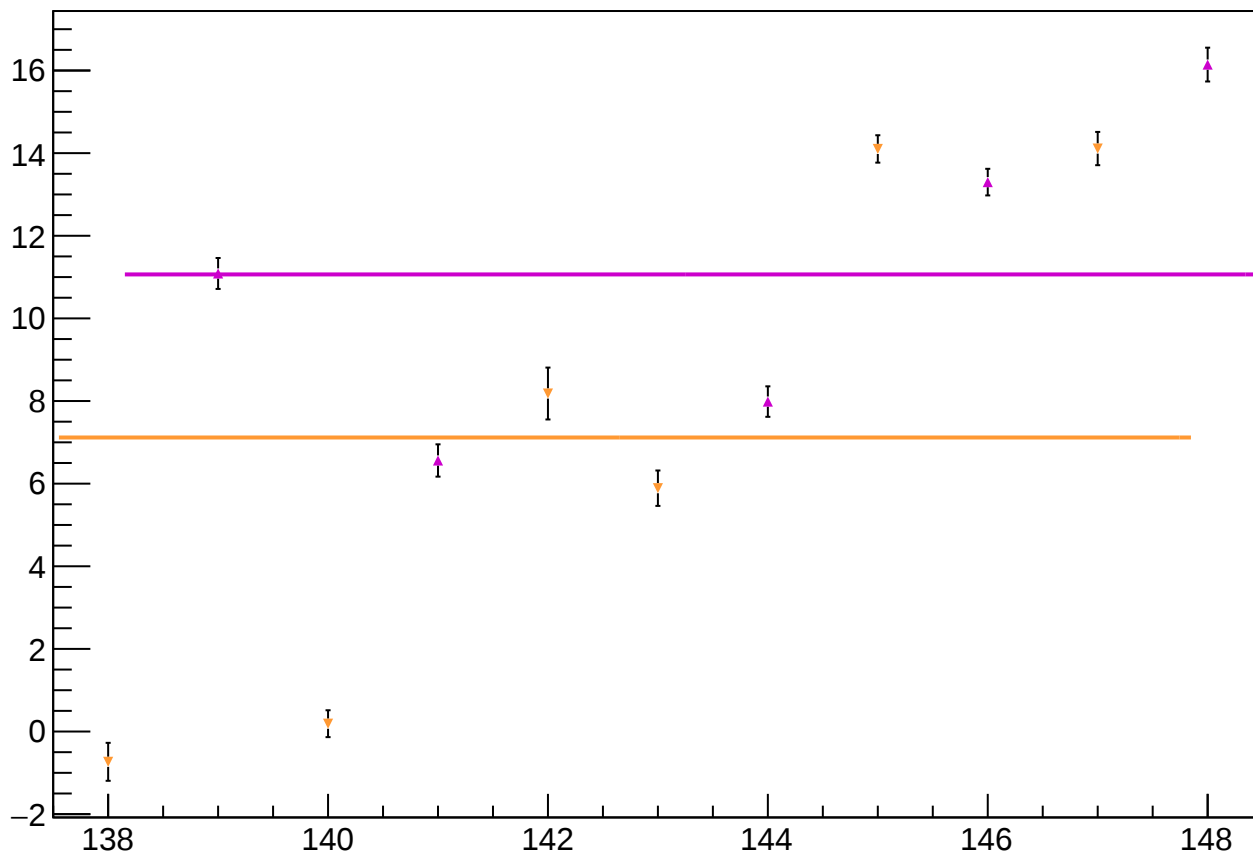
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.899 $\pm$ 0.112 χ^2 /NDF:1363.9/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.582 $\pm$ 0.114 χ^2 /NDF:2033.1/4

Left: 5.234 $\pm$ 0.080 χ^2 /NDF: 3415.3/10
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.582 $\pm$ 0.114 χ^2 /NDF:2033.1/4
 Out: 4.899 $\pm$ 0.112 χ^2 /NDF:1363.9/5
 All: 5.234 $\pm$ 0.080 χ^2 /NDF: 3415.3/10

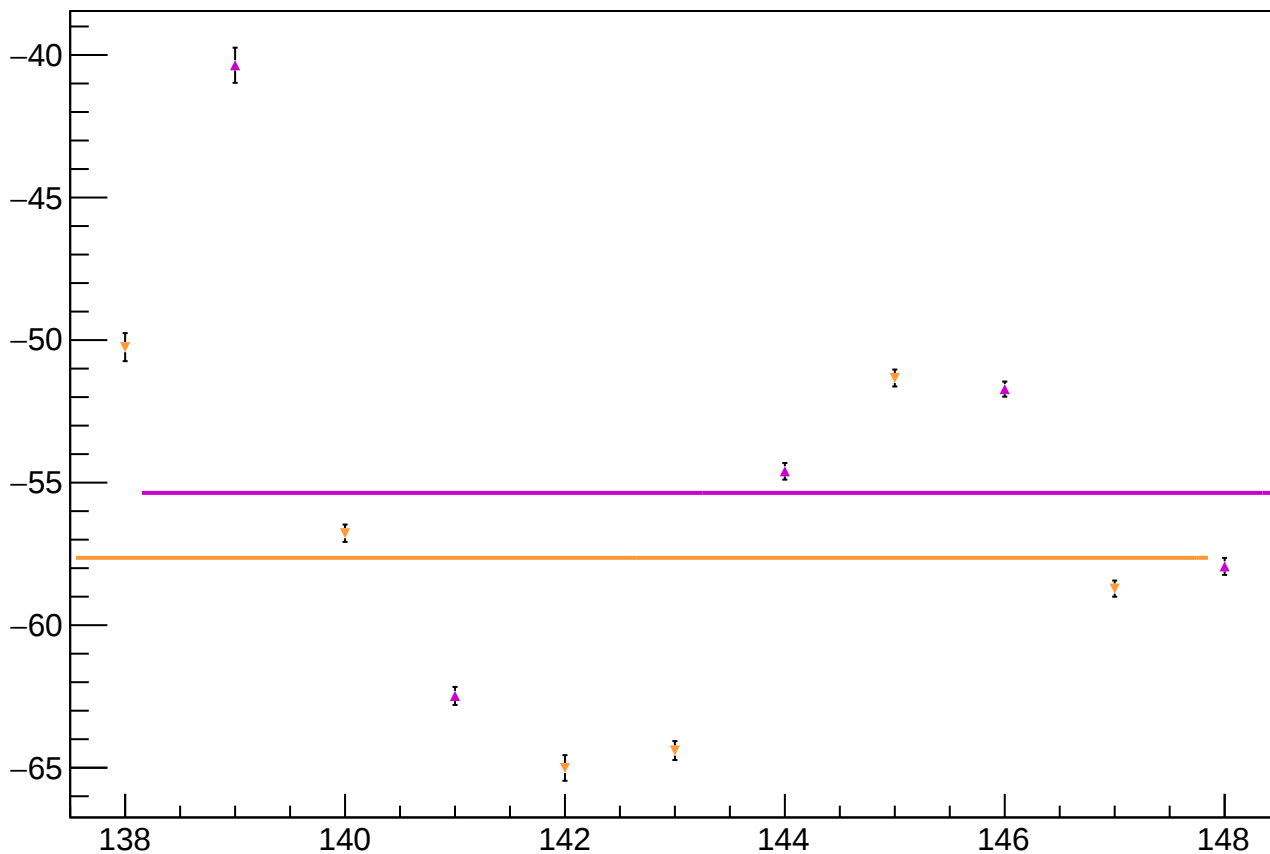
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.117+/-0.163 χ^2/NDF :1502.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.064+/-0.165 χ^2/NDF :404.3/4

Left: 9.069+/-0.116 χ^2/NDF : 2194.6/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.064+/-0.165 χ^2/NDF :404.3/4
 Out: 7.117+/-0.163 χ^2/NDF :1502.0/5
 All: 9.069+/-0.116 χ^2/NDF : 2194.6/10

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



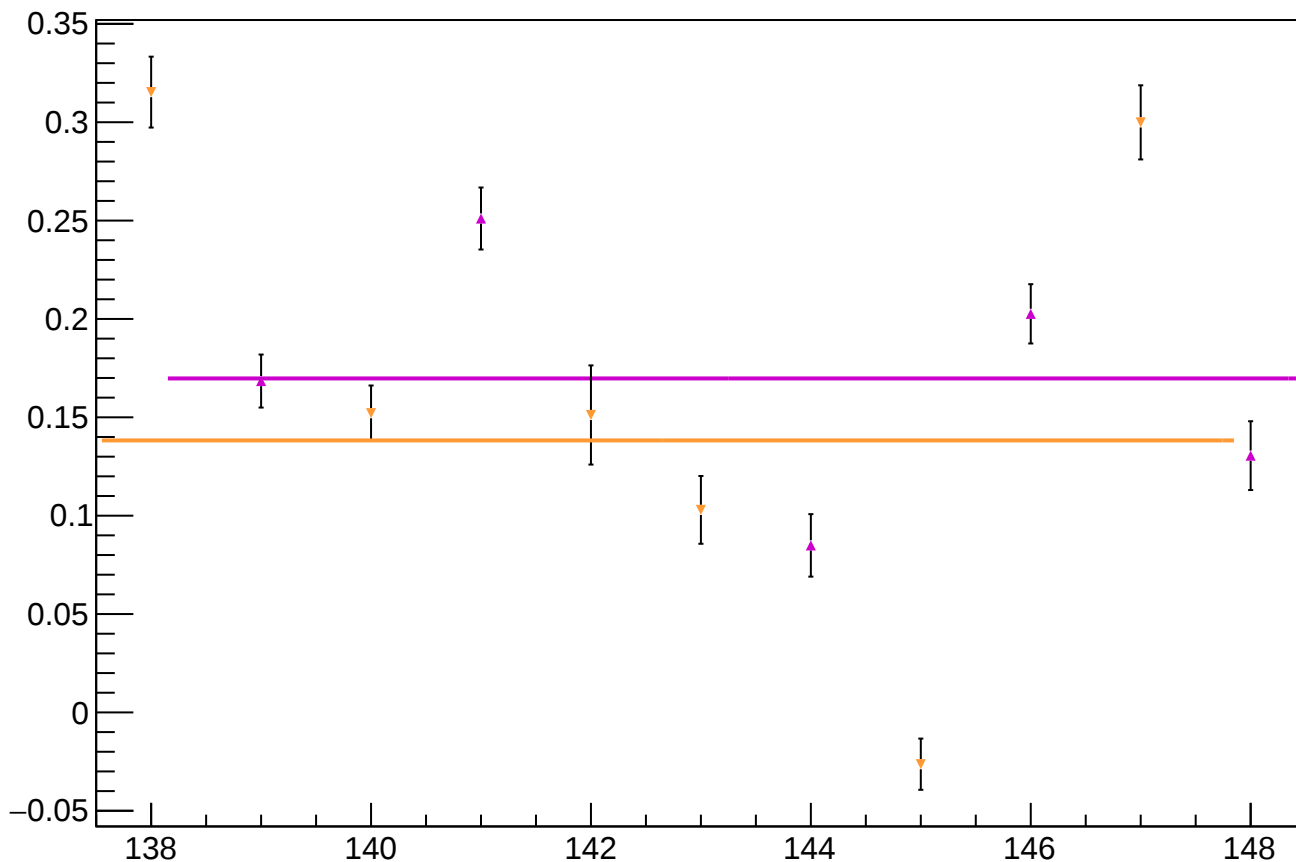
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.637+/-0.138 χ^2/NDF :1382.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.360+/-0.142 χ^2/NDF :1370.5/4

Left: -56.531+/-0.099 χ^2/NDF : 2886.0/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.360+/-0.142 χ^2/NDF :1370.5/4
 Out: -57.637+/-0.138 χ^2/NDF :1382.6/5

All: -56.531+/-0.099 χ^2/NDF : 2886.0/10

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: 0.138 $\pm$ 0.007 χ^2 /NDF:335.7/5

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.170 $\pm$ 0.007 χ^2 /NDF:64.9/4

Left: 0.154 $\pm$ 0.005 χ^2 /NDF: 411.3/10

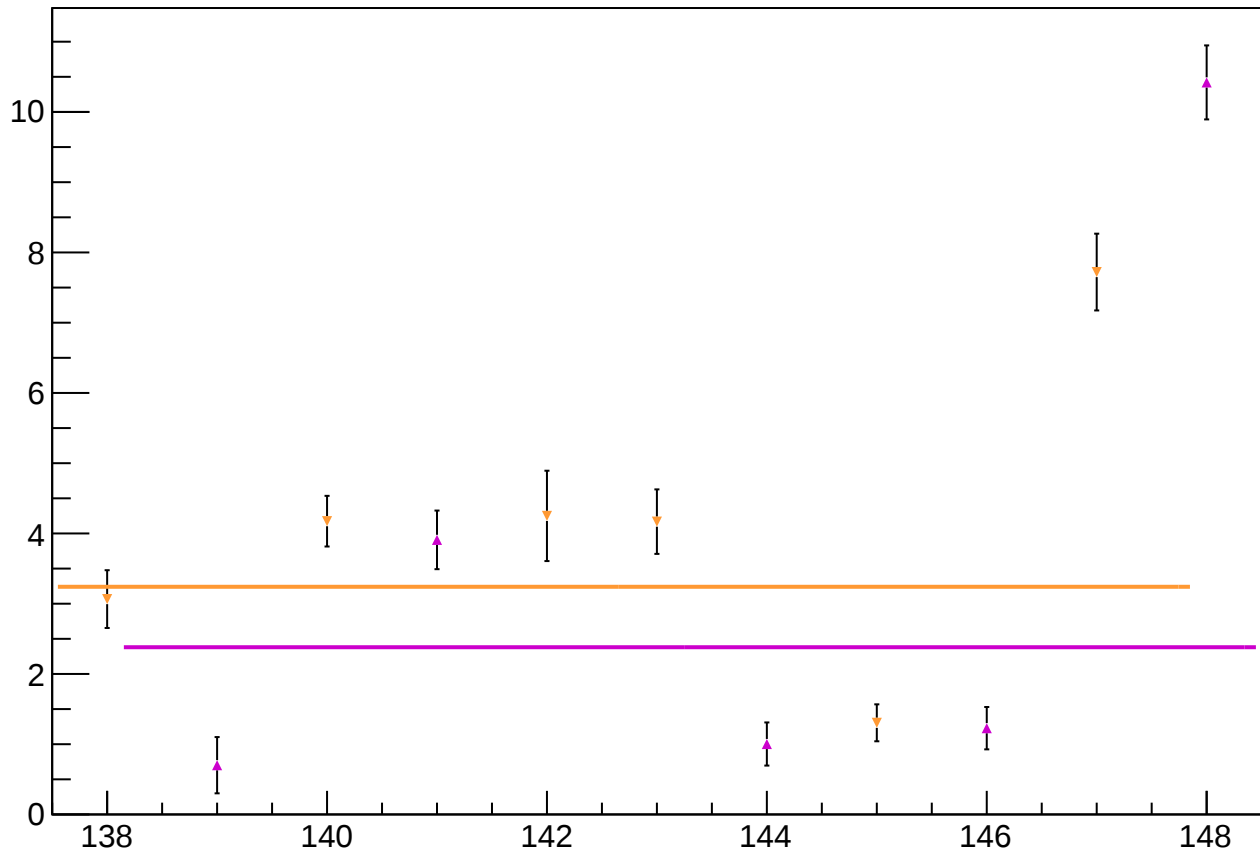
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.170 $\pm$ 0.007 χ^2 /NDF:64.9/4

Out: 0.138 $\pm$ 0.007 χ^2 /NDF:335.7/5

All: 0.154 $\pm$ 0.005 χ^2 /NDF: 411.3/10

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.241+/-0.161 χ^2/NDF :134.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.380+/-0.164 χ^2/NDF :298.8/4

Left: 2.818+/-0.115 χ^2/NDF : 447.7/10

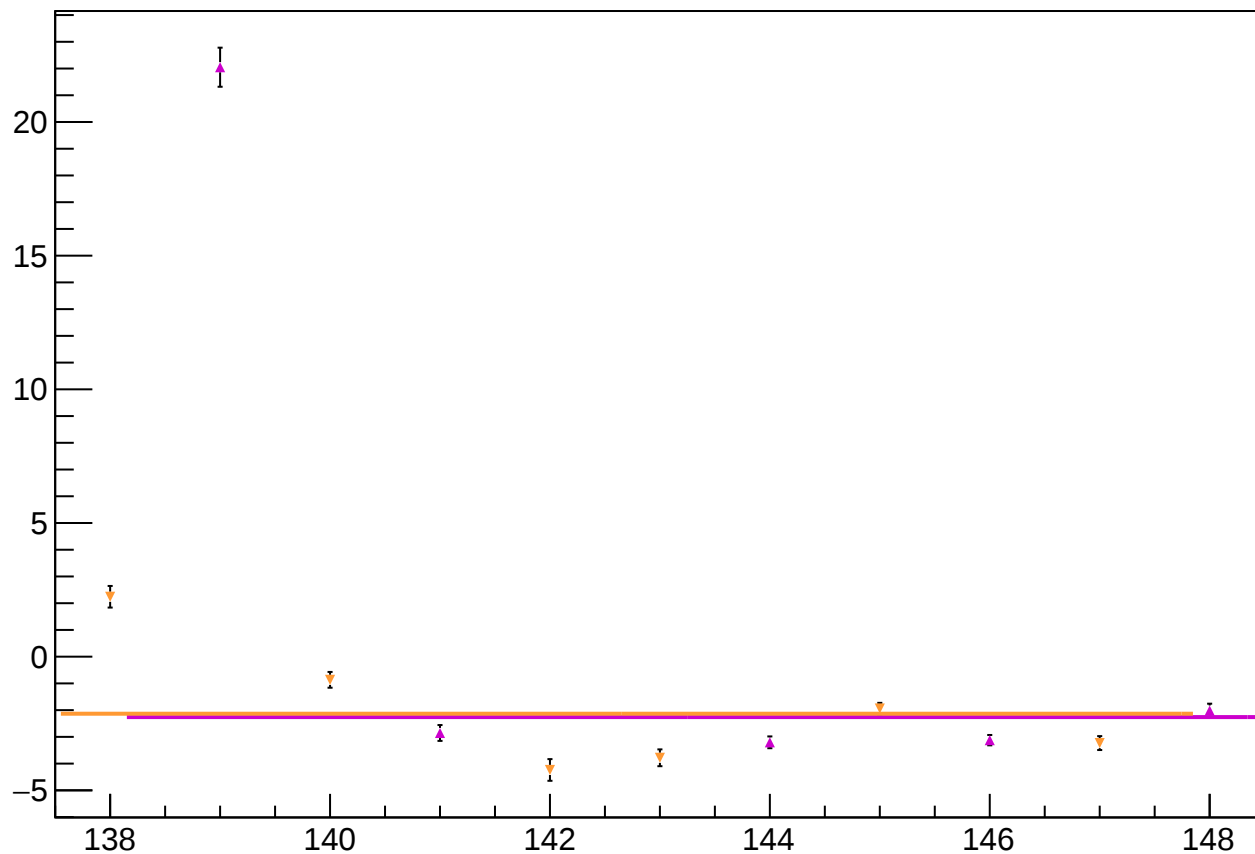
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.380+/-0.164 χ^2/NDF :298.8/4

Out: 3.241+/-0.161 χ^2/NDF :134.9/5

All: 2.818+/-0.115 χ^2/NDF : 447.7/10

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: -2.134+/-0.119 χ^2/NDF : 208.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.260+/-0.115 χ^2/NDF : 1148.8/4

Left: -2.199+/-0.083 χ^2/NDF : 1358.0/10

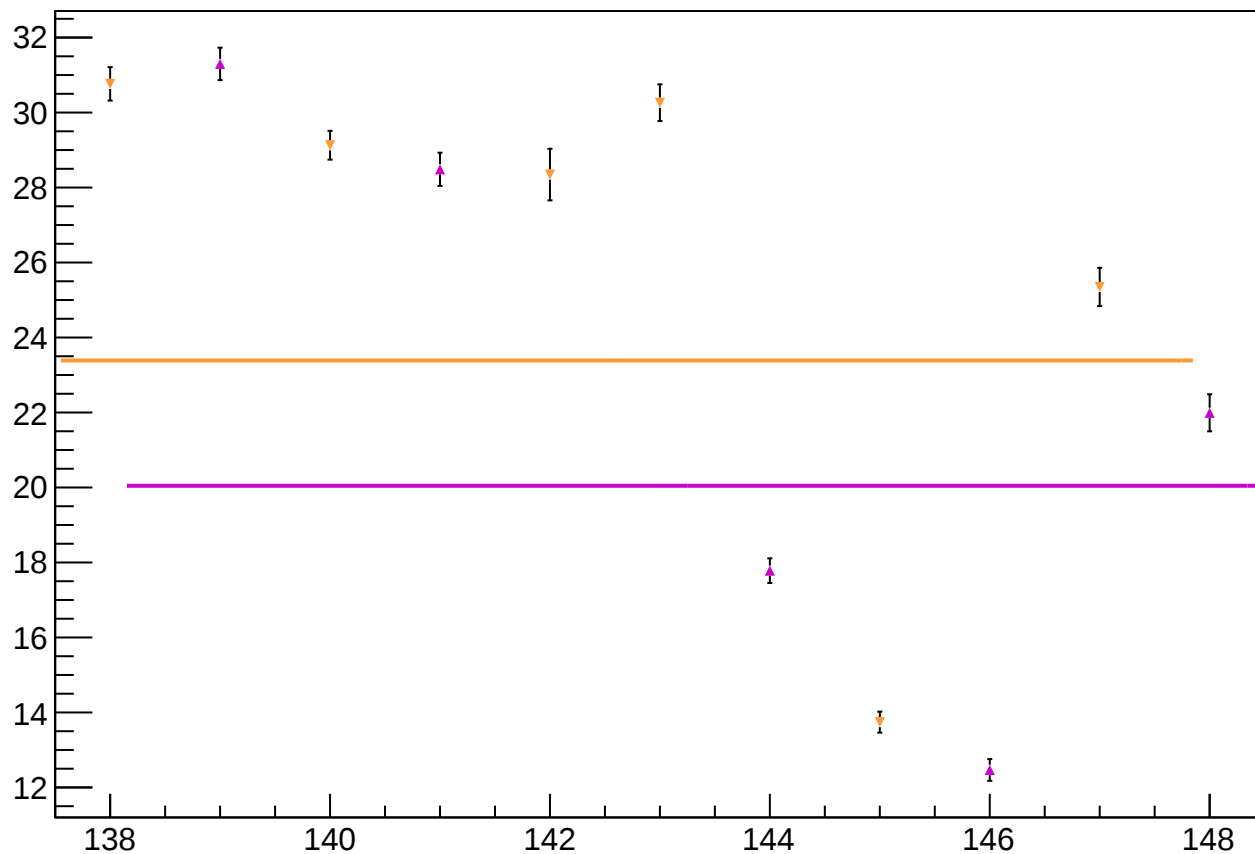
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.260+/-0.115 χ^2/NDF : 1148.8/4

Out: -2.134+/-0.119 χ^2/NDF : 208.6/5

All: -2.199+/-0.083 χ^2/NDF : 1358.0/10

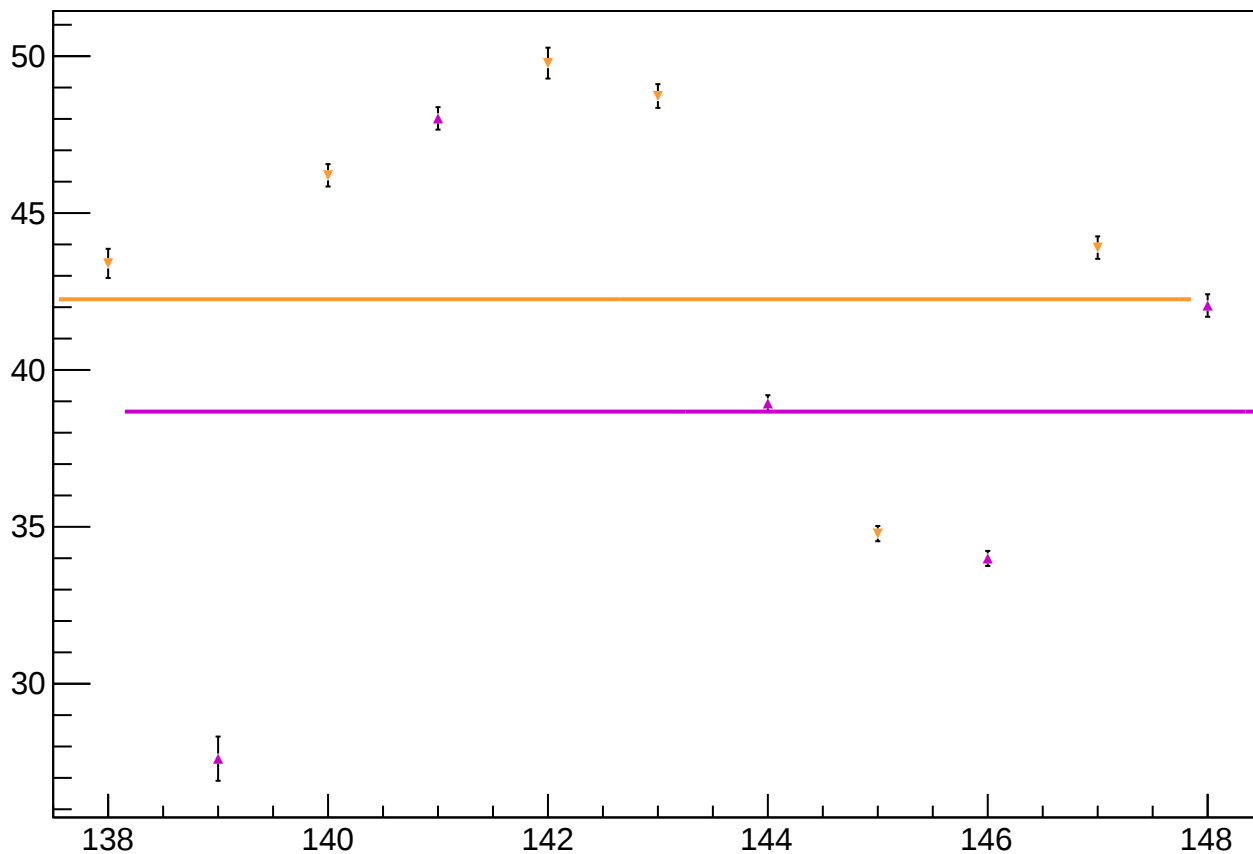
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.388+/-0.170 χ^2/NDF :1945.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.047+/-0.168 χ^2/NDF :1783.8/4

Left: 21.694+/-0.119 χ^2/NDF : 3924.9/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.047+/-0.168 χ^2/NDF :1783.8/4
 Out: 23.388+/-0.170 χ^2/NDF :1945.0/5
 All: 21.694+/-0.119 χ^2/NDF : 3924.9/10

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: 42.254+/-0.144 χ^2/NDF :1614.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 38.672+/-0.142 χ^2/NDF :1397.6/4

Left: 40.438+/-0.101 χ^2/NDF : 3325.1/10

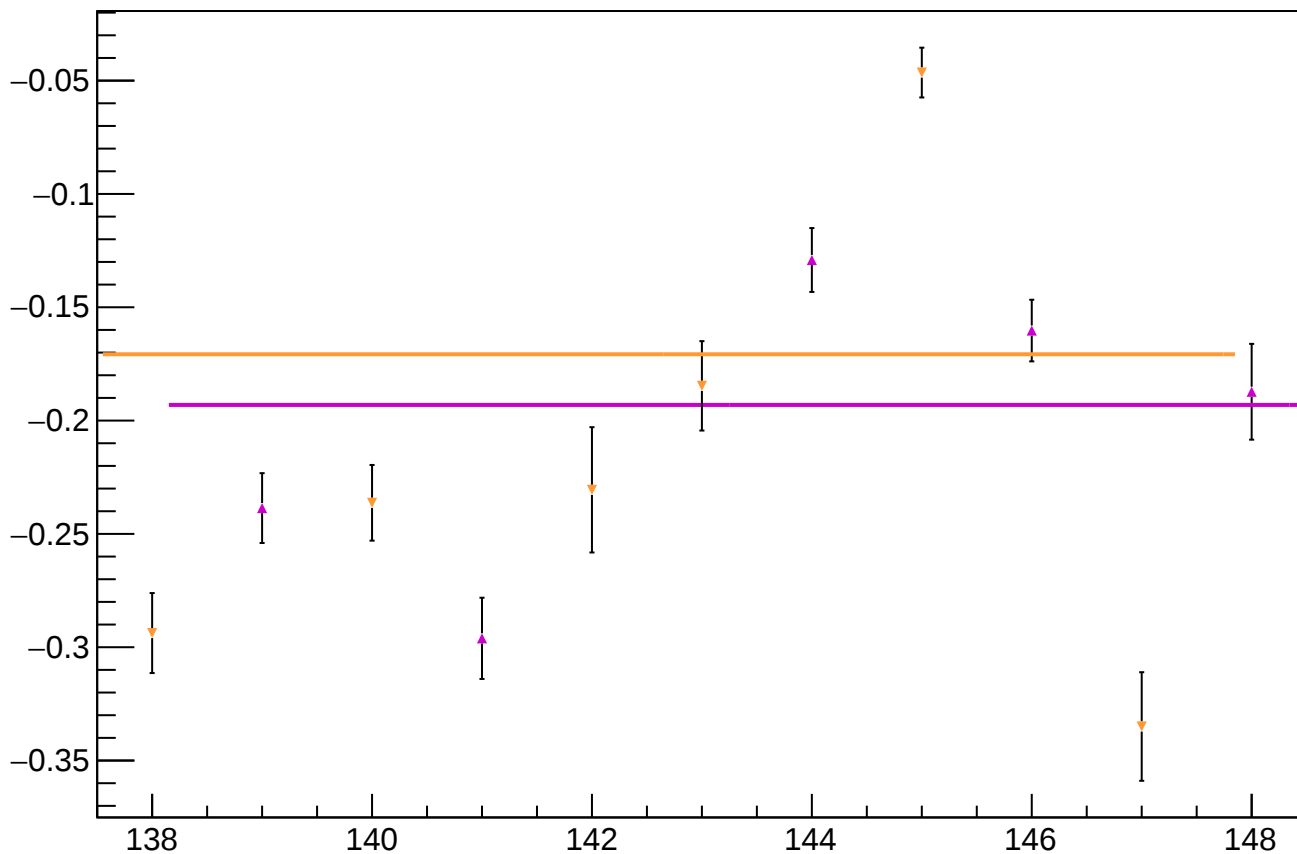
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.672+/-0.142 χ^2/NDF :1397.6/4

Out: 42.254+/-0.144 χ^2/NDF :1614.0/5

All: 40.438+/-0.101 χ^2/NDF : 3325.1/10

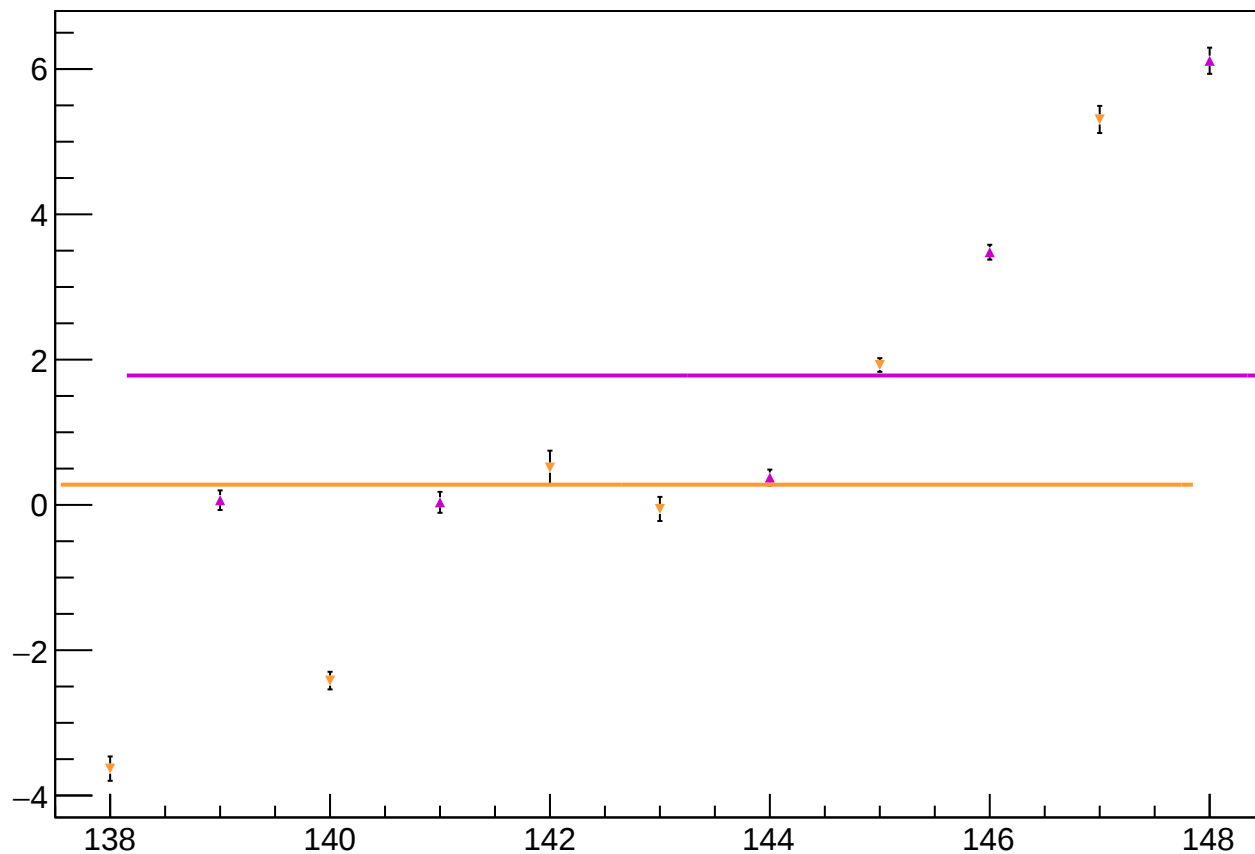
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.171 $\pm$ 0.007 χ^2 /NDF:244.2/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.193 $\pm$ 0.007 χ^2 /NDF:68.2/4

Left: -0.182 $\pm$ 0.005 χ^2 /NDF: 317.6/10
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.193 $\pm$ 0.007 χ^2 /NDF:68.2/4
 Out: -0.171 $\pm$ 0.007 χ^2 /NDF:244.2/5
 All: -0.182 $\pm$ 0.005 χ^2 /NDF: 317.6/10

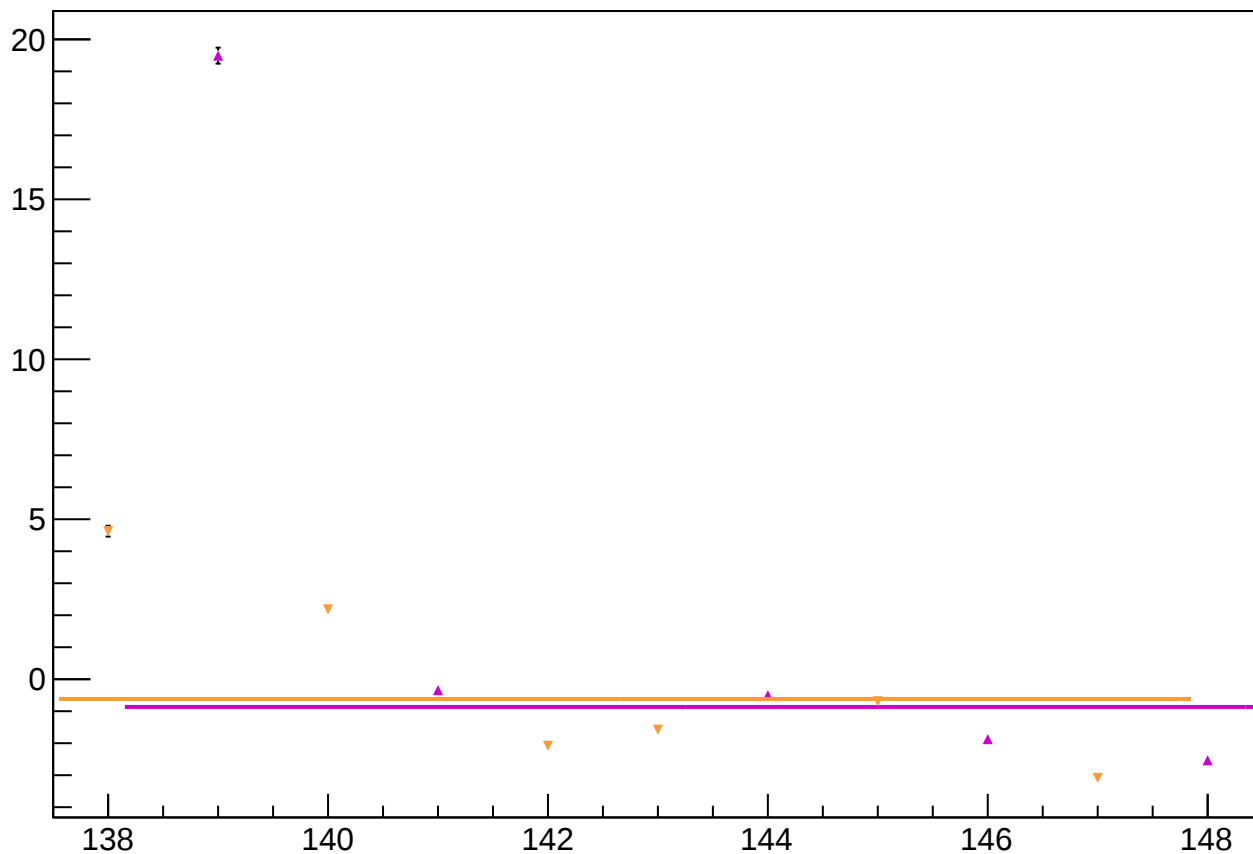
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.279+/-0.058 χ^2/NDF :2078.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.782+/-0.057 χ^2/NDF :1328.5/4

Left: 1.046+/-0.040 χ^2/NDF : 3753.4/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.782+/-0.057 χ^2/NDF :1328.5/4
 Out: 0.279+/-0.058 χ^2/NDF :2078.6/5
 All: 1.046+/-0.040 χ^2/NDF : 3753.4/10

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: -0.617+/-0.043 χ^2/NDF : 2675.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.867+/-0.040 χ^2/NDF : 7300.2/4

Left: -0.749+/-0.029 χ^2/NDF : 9993.6/10

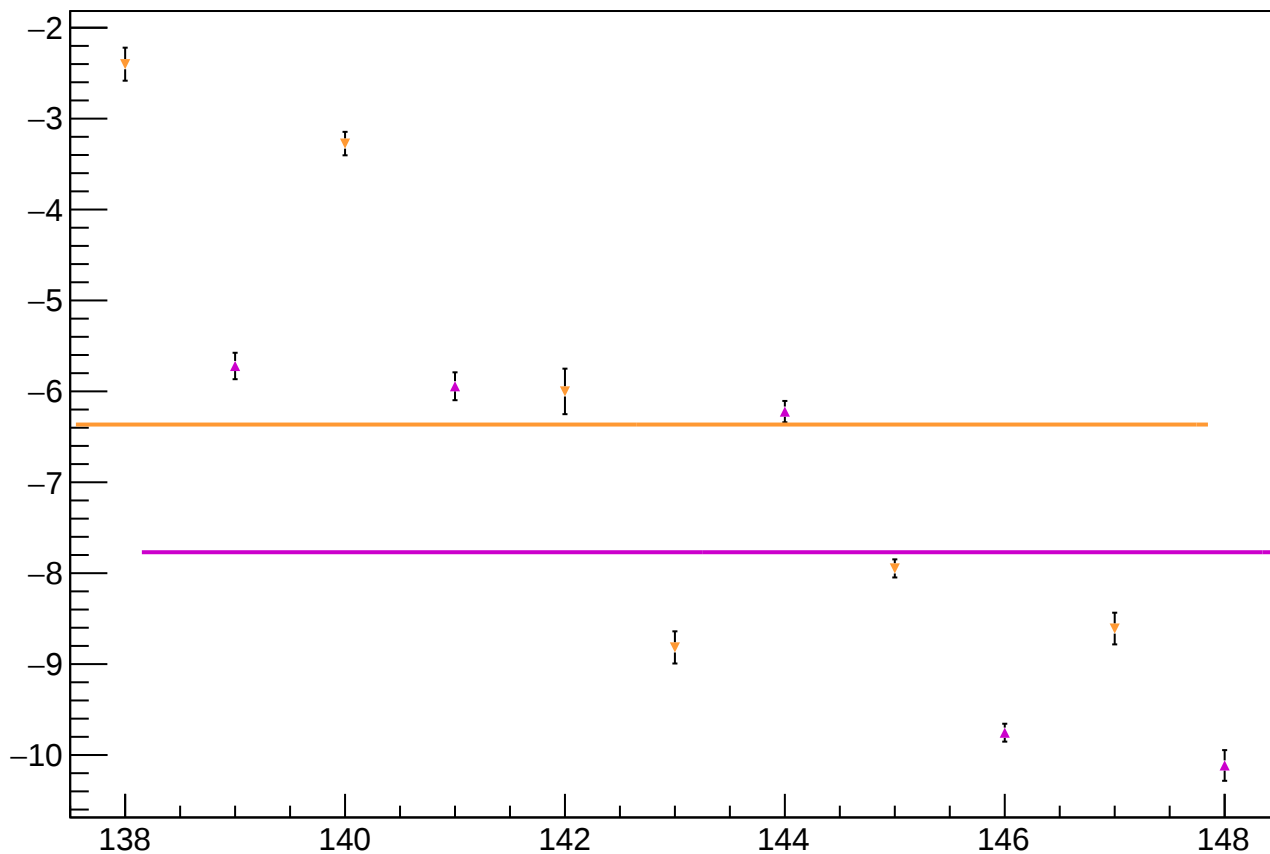
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.867+/-0.040 χ^2/NDF : 7300.2/4

Out: -0.617+/-0.043 χ^2/NDF : 2675.1/5

All: -0.749+/-0.029 χ^2/NDF : 9993.6/10

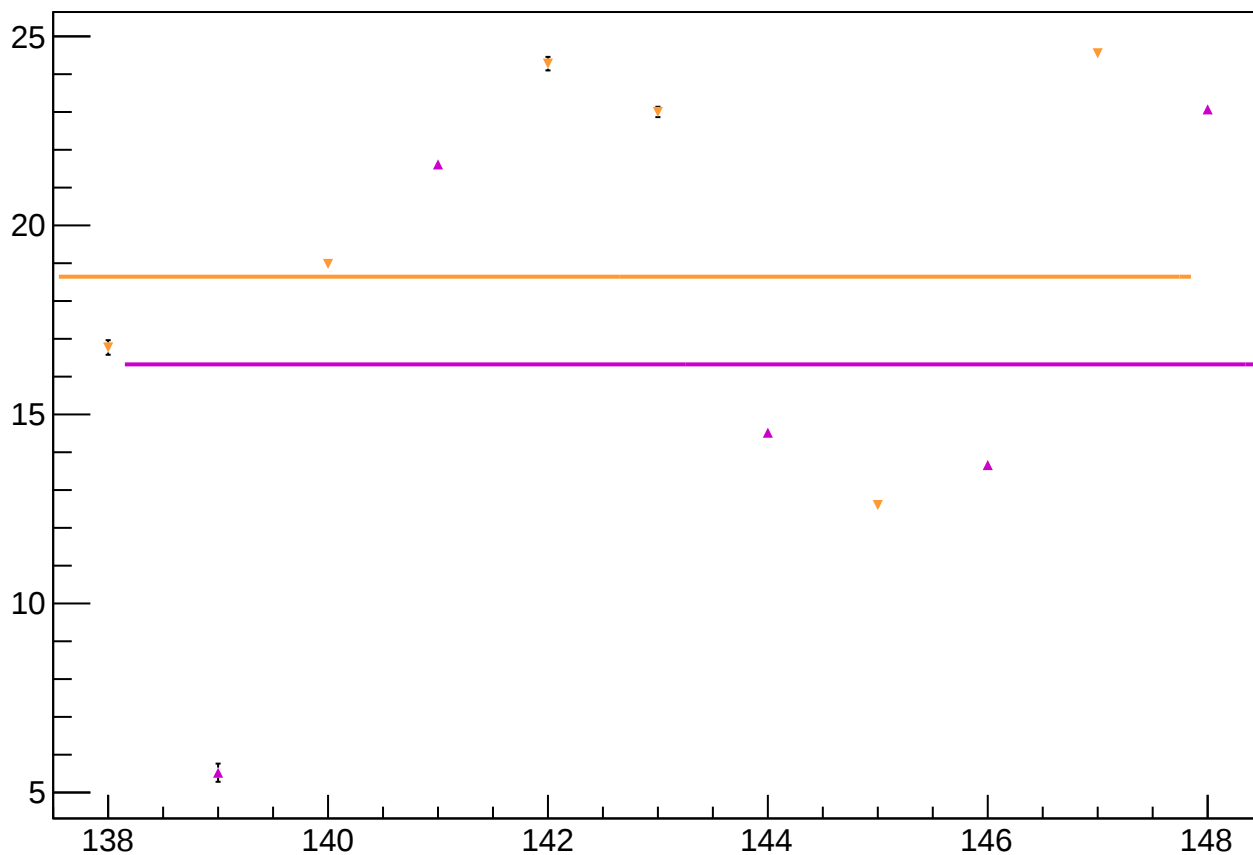
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.365+/-0.061 χ^2/NDF :1662.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.769+/-0.058 χ^2/NDF :1113.8/4

Left: -7.103+/-0.042 χ^2/NDF : 3057.5/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.769+/-0.058 χ^2/NDF :1113.8/4
 Out: -6.365+/-0.061 χ^2/NDF :1662.0/5
 All: -7.103+/-0.042 χ^2/NDF : 3057.5/10

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 18.644+/-0.052 χ^2/NDF : 9115.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.324+/-0.049 χ^2/NDF : 8261.1/4

Left: 17.429+/-0.036 χ^2/NDF : 18432.6/10

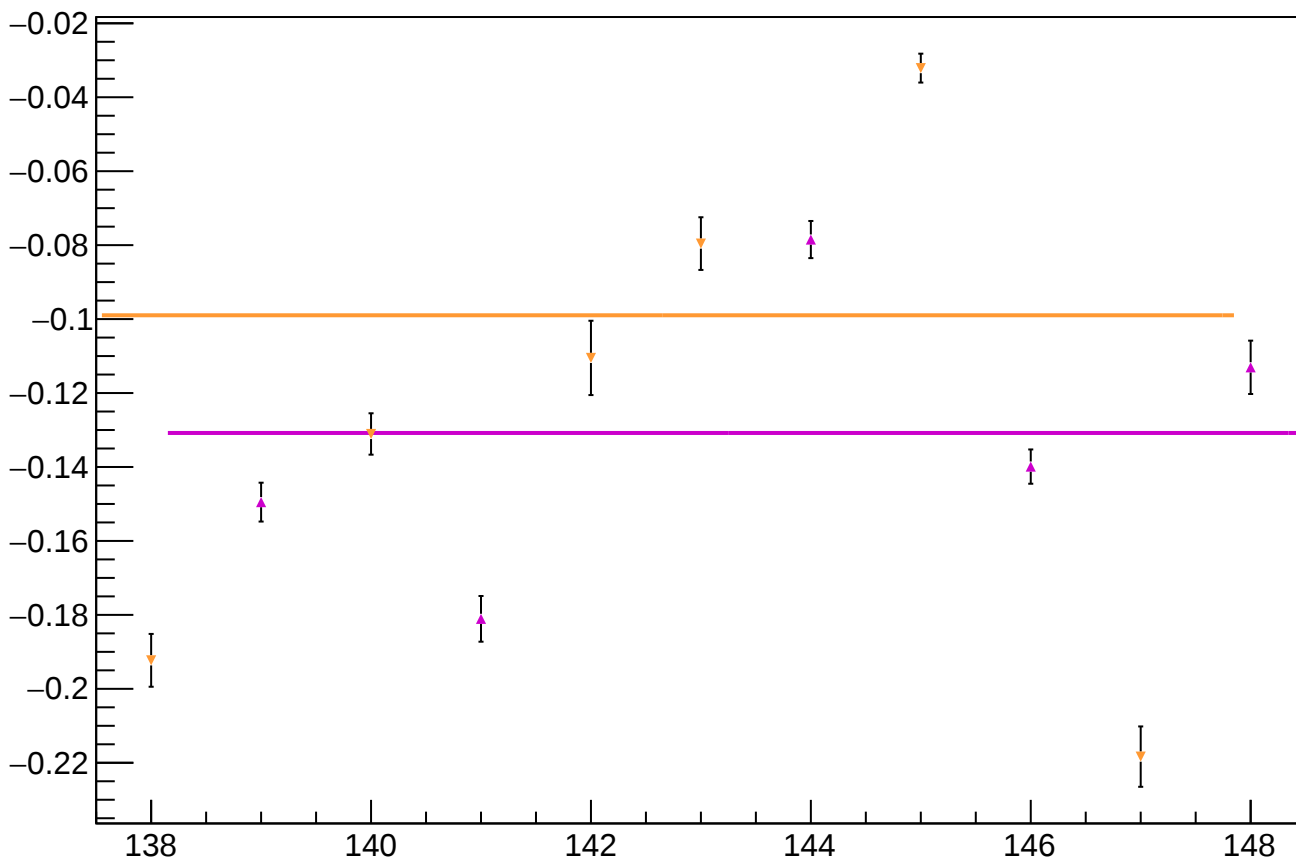
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.324+/-0.049 χ^2/NDF : 8261.1/4

Out: 18.644+/-0.052 χ^2/NDF : 9115.8/5

All: 17.429+/-0.036 χ^2/NDF : 18432.6/10

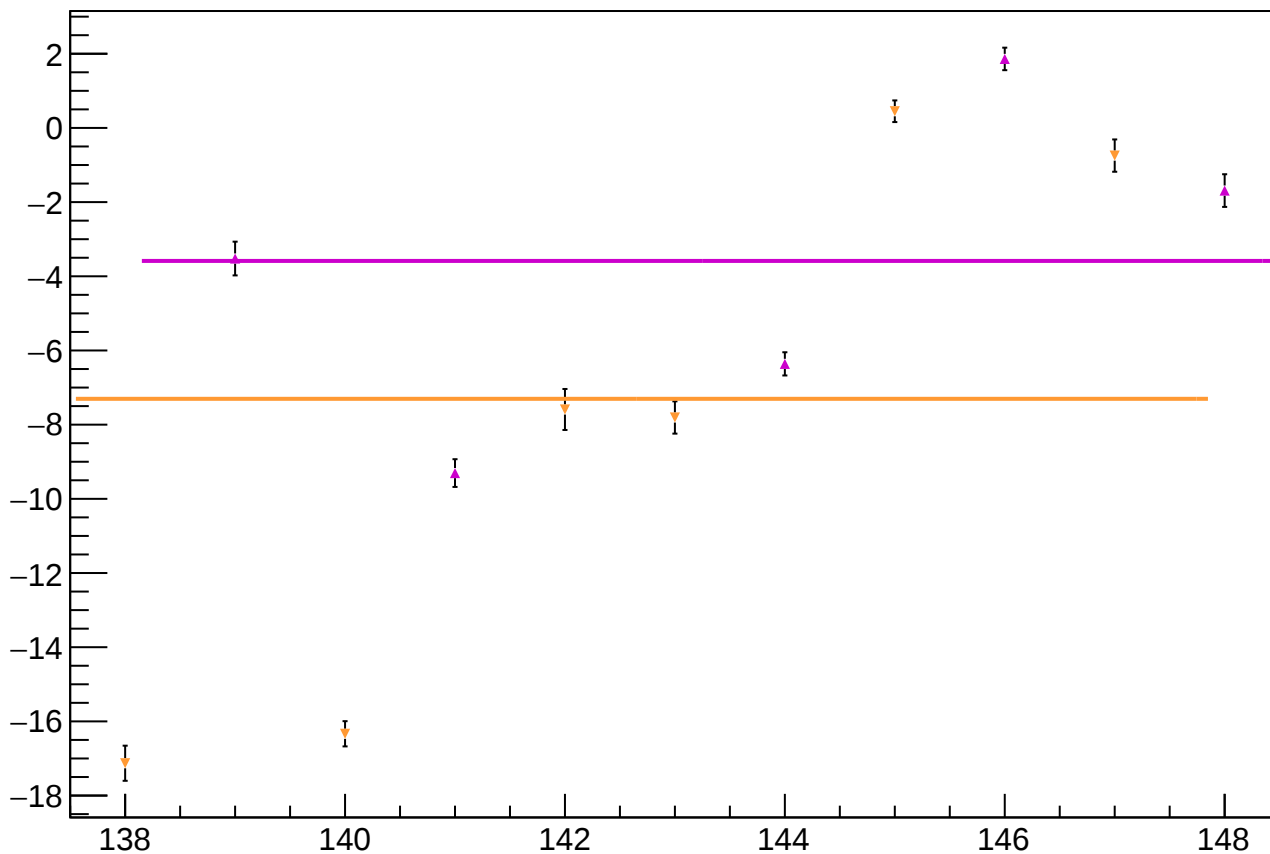
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.099+/-0.002 χ^2/NDF : 718.8/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.131+/-0.002 χ^2/NDF : 197.3/4

Left: -0.115+/-0.002 χ^2/NDF : 999.5/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.131+/-0.002 χ^2/NDF : 197.3/4
 Out: -0.099+/-0.002 χ^2/NDF : 718.8/5
 All: -0.115+/-0.002 χ^2/NDF : 999.5/10

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



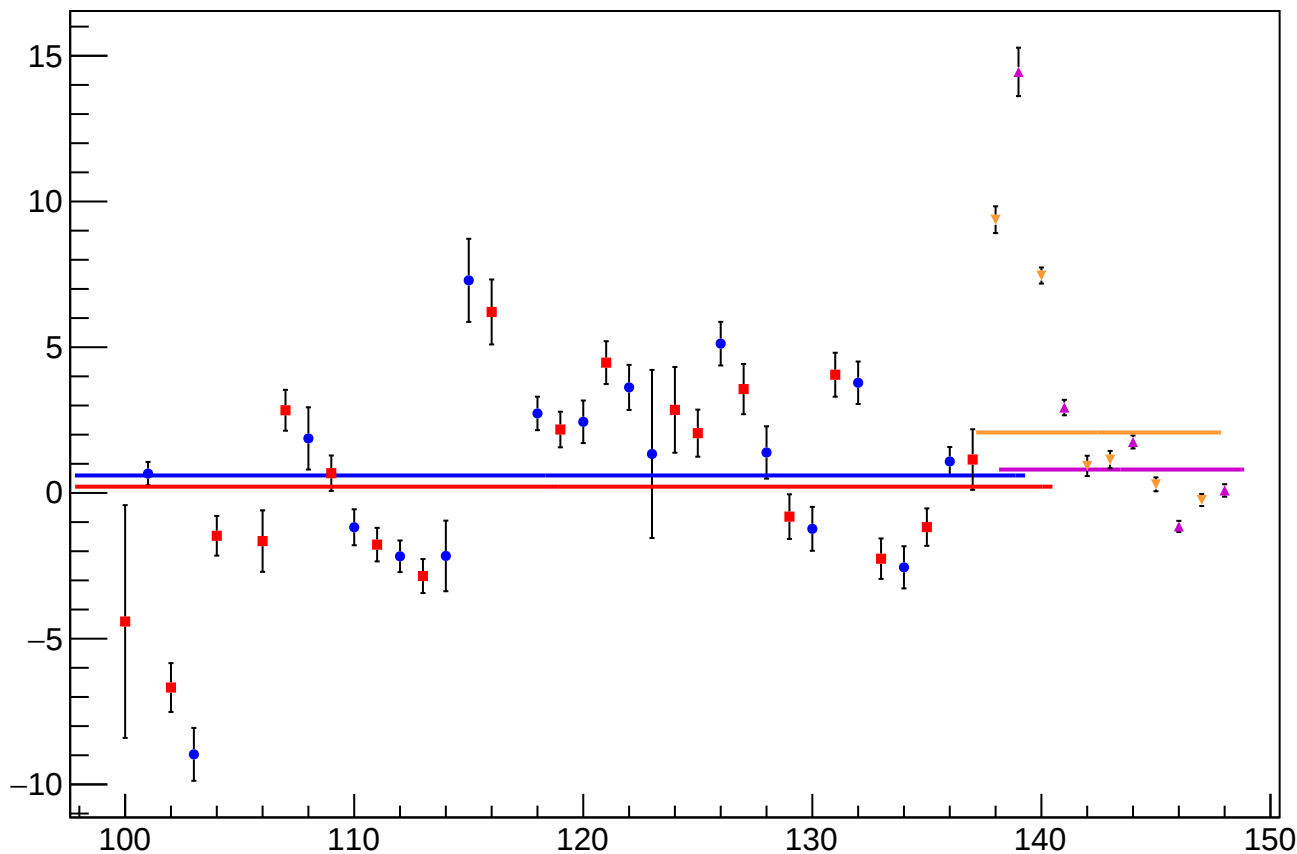
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.303+/-0.161 χ^2/NDF :2069.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.586+/-0.162 χ^2/NDF :653.4/4

Left: -5.455+/-0.114 χ^2/NDF : 2988.5/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.586+/-0.162 χ^2/NDF :653.4/4
 Out: -7.303+/-0.161 χ^2/NDF :2069.4/5

All: -5.455+/-0.114 χ^2/NDF : 2988.5/10

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 2.076 ± 0.113 χ^2/NDF : 833.4/5

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 0.803 ± 0.109 χ^2/NDF : 466.9/4

Left: 1.414 ± 0.078 χ^2/NDF : 1366.2/10

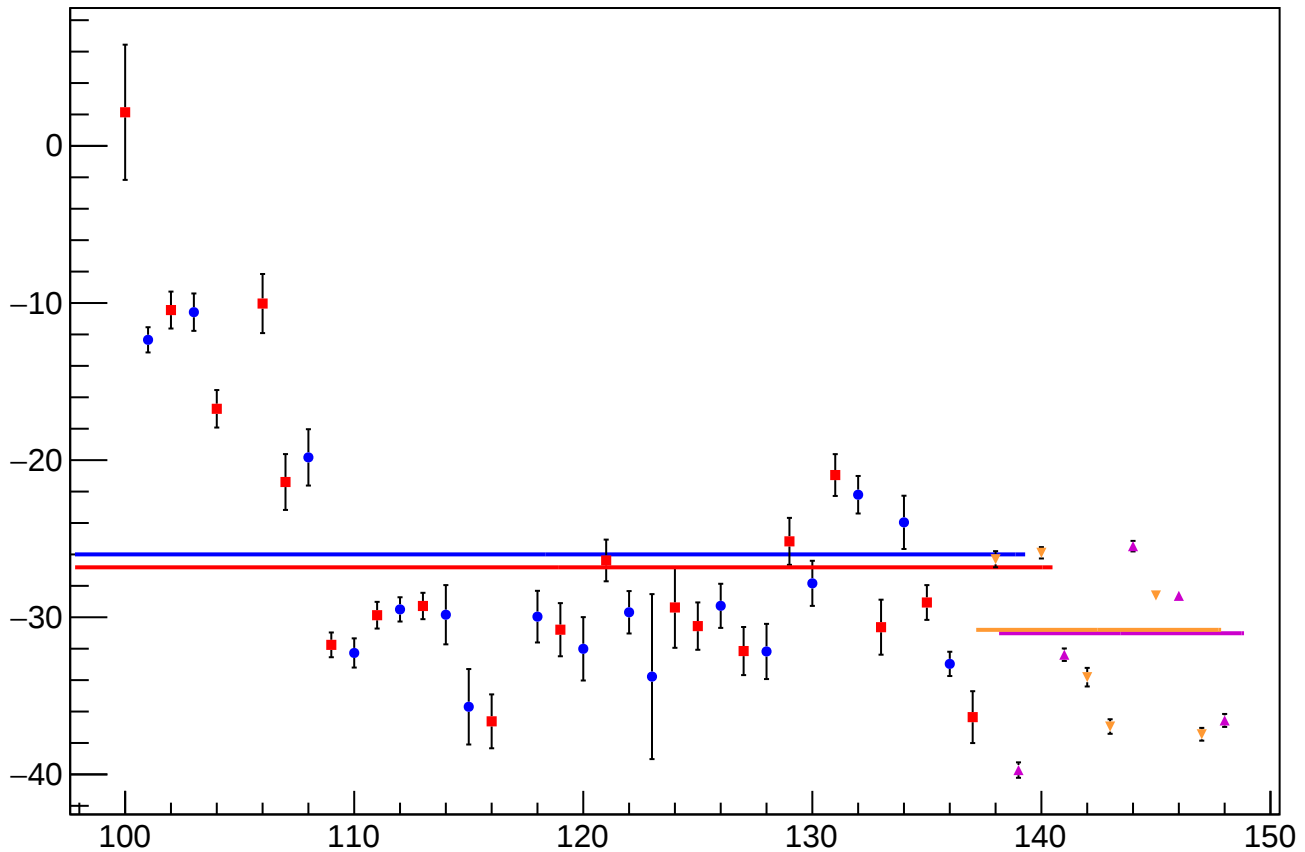
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 0.743 ± 0.091 χ^2/NDF : 759.9/21

Out: 1.526 ± 0.095 χ^2/NDF : 1187.9/24

All: 1.120 ± 0.066 χ^2/NDF : 1983.0/46

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: -30.800 ± 0.168 χ^2/NDF : 779.0/5

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -31.017 ± 0.164 χ^2/NDF : 846.5/4

Left: -30.911 ± 0.118 χ^2/NDF : 1626.4/10

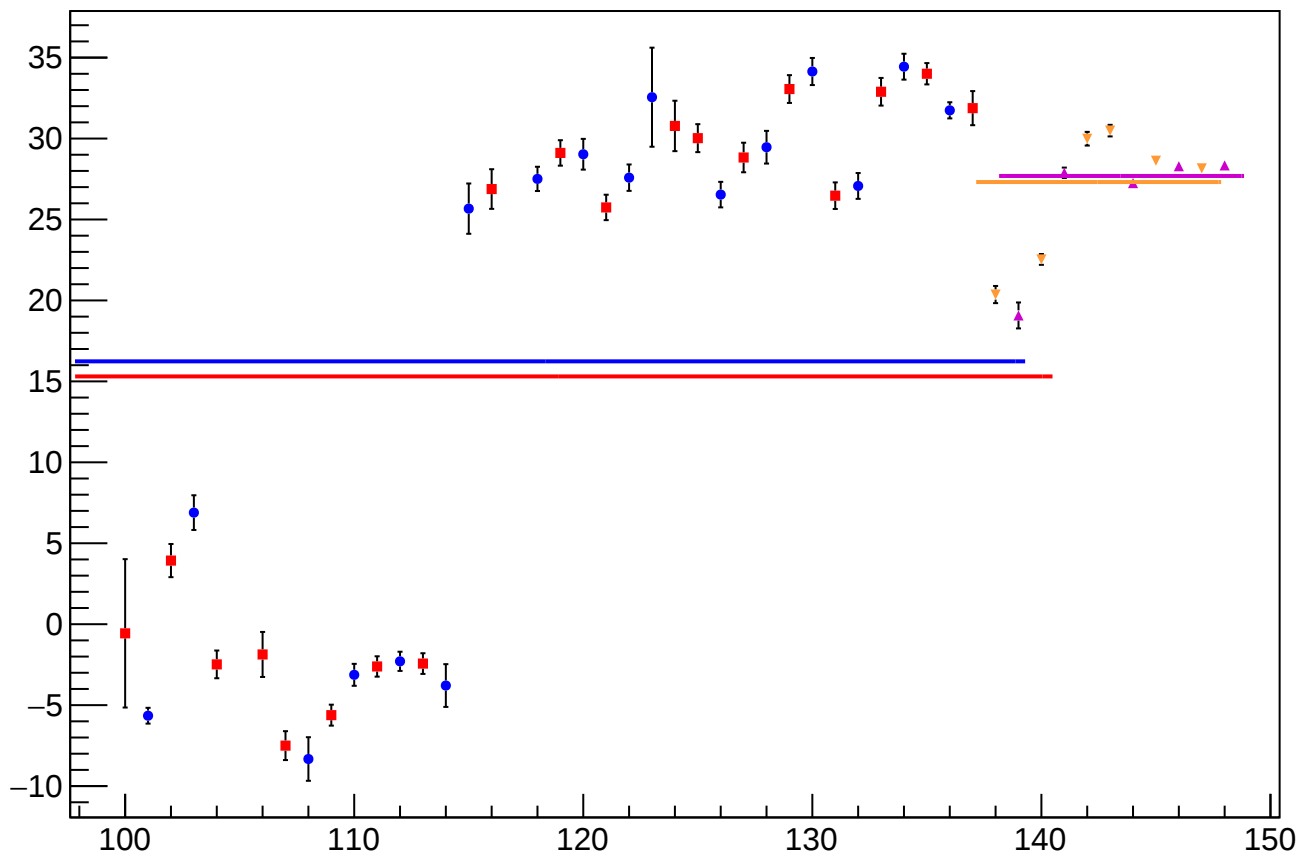
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -29.858 ± 0.144 χ^2/NDF : 1754.2/21

Out: -29.838 ± 0.146 χ^2/NDF : 1495.5/24

All: -29.848 ± 0.103 χ^2/NDF : 3249.7/46

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: 27.314 $\pm$ 0.139 χ^2 /NDF: 527.1/5

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.689 $\pm$ 0.136 χ^2 /NDF: 129.8/4

Left: 27.506 $\pm$ 0.097 χ^2 /NDF: 660.6/10

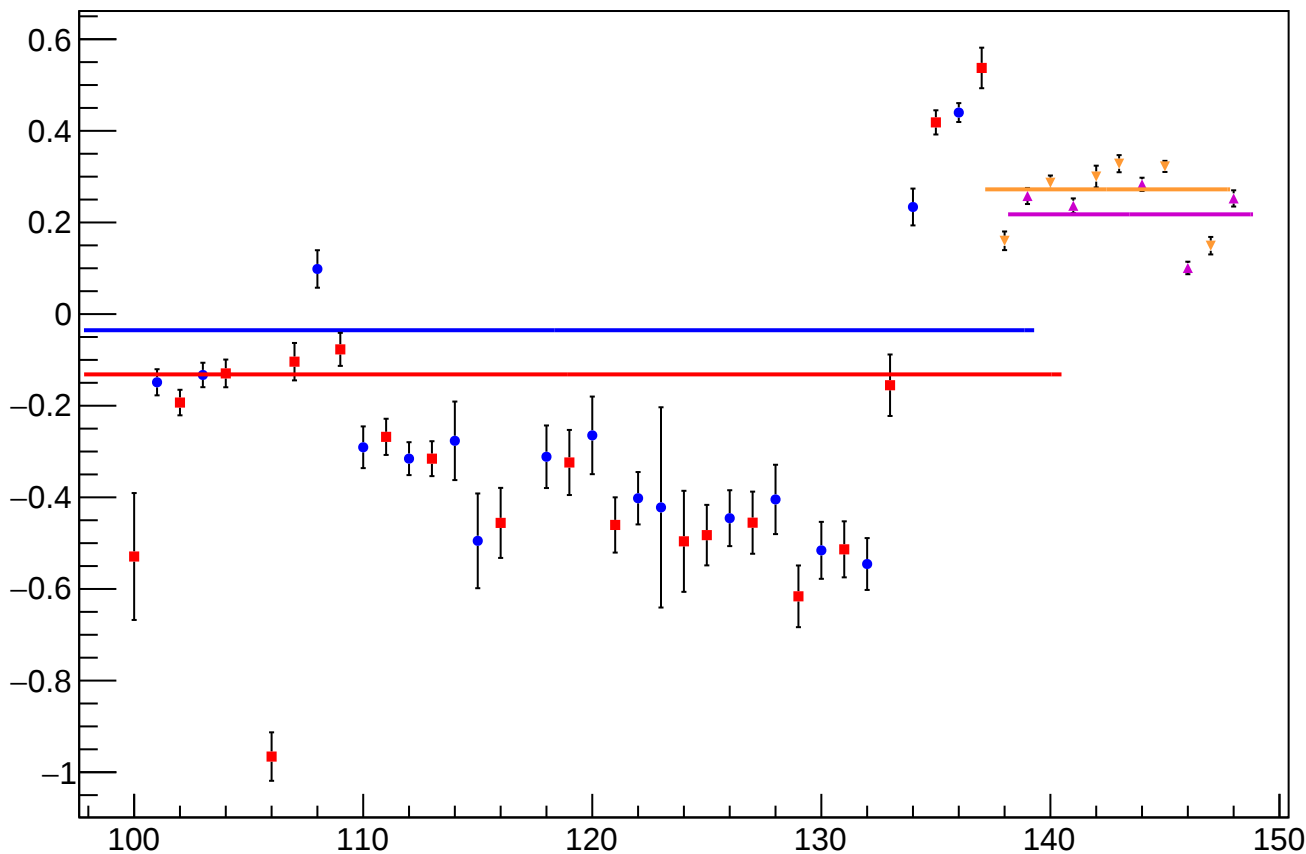
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 23.854 $\pm$ 0.111 χ^2 /NDF: 10091.2/21

Out: 23.307 $\pm$ 0.114 χ^2 /NDF: 10275.1/24

All: 23.588 $\pm$ 0.079 χ^2 /NDF: 20378.2/46

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 ± 0.007 χ^2/NDF : 100.2/5

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.218 ± 0.007 χ^2/NDF : 104.2/4

Left: 0.245 ± 0.005 χ^2/NDF : 234.9/10

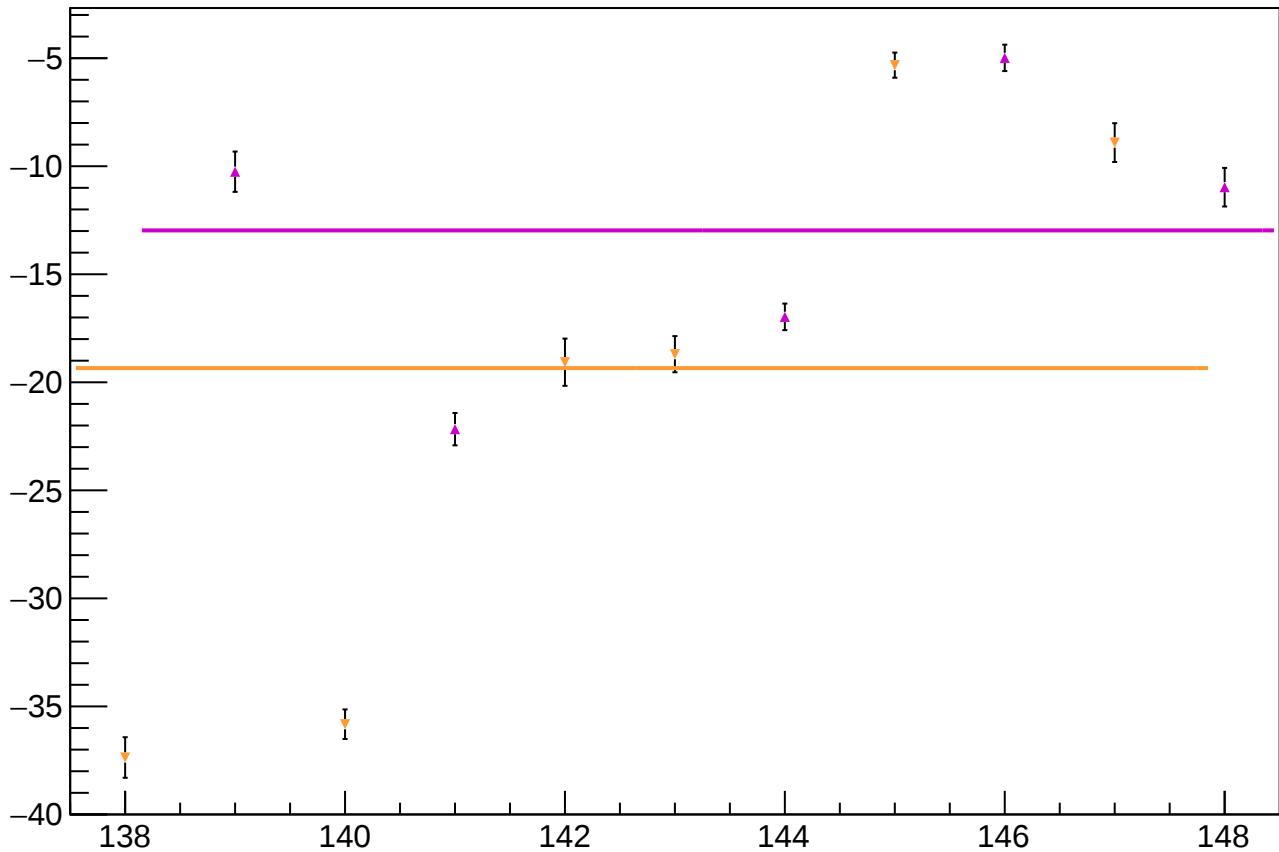
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.138 ± 0.006 χ^2/NDF : 1529.4/21

Out: 0.147 ± 0.006 χ^2/NDF : 2316.7/24

All: 0.142 ± 0.004 χ^2/NDF : 3847.1/46

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: -19.343+/-0.321 χ^2/NDF :1664.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.970+/-0.324 χ^2/NDF :378.1/4

Left: -16.191+/-0.228 χ^2/NDF : 2237.9/10

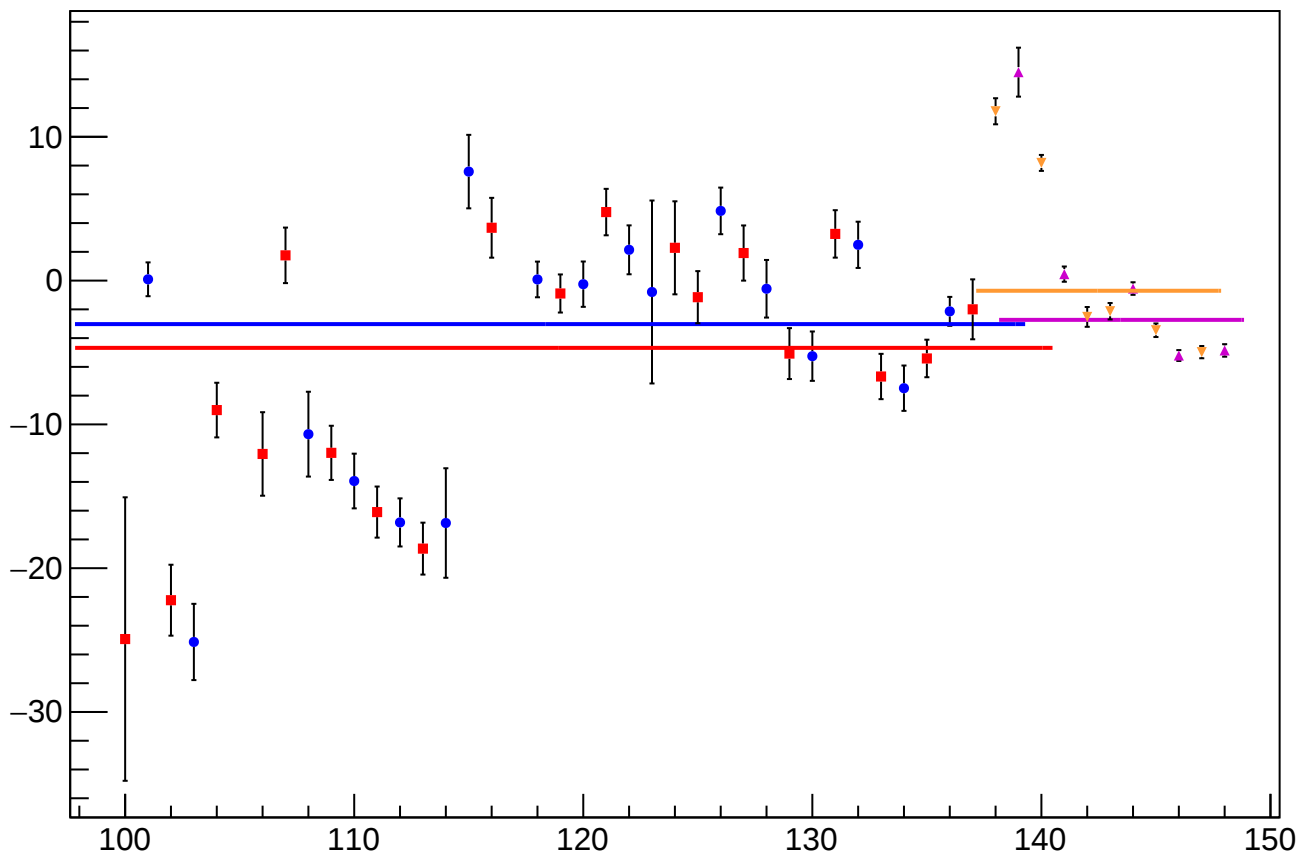
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.970+/-0.324 χ^2/NDF :378.1/4

Out: -19.343+/-0.321 χ^2/NDF :1664.3/5

All: -16.191+/-0.228 χ^2/NDF : 2237.9/10

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: -0.706 ± 0.226 χ^2/NDF : 593.4/5

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.730 ± 0.216 χ^2/NDF : 230.2/4

Left: -1.763 ± 0.156 χ^2/NDF : 865.5/10

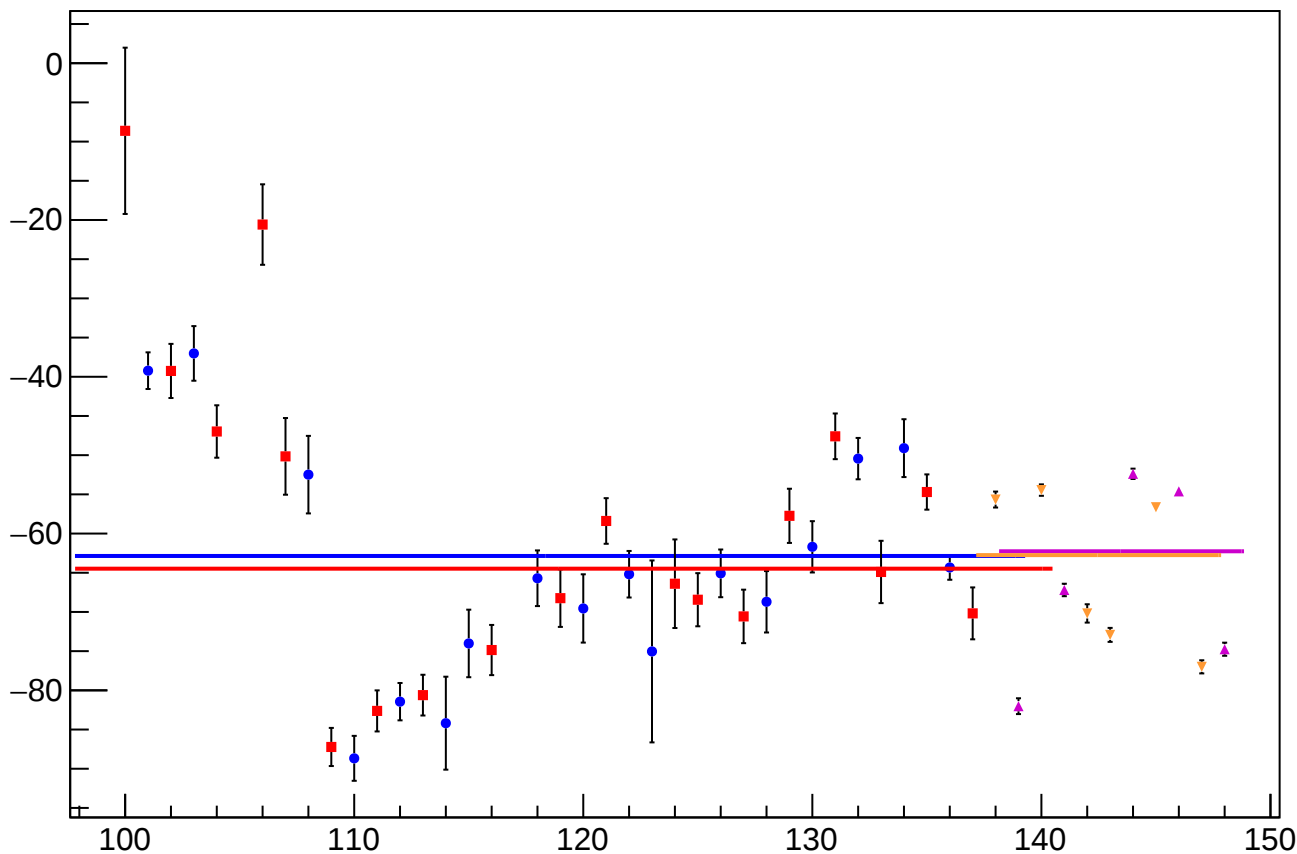
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.795 ± 0.191 χ^2/NDF : 511.2/21

Out: -1.576 ± 0.199 χ^2/NDF : 960.3/24

All: -2.212 ± 0.138 χ^2/NDF : 1490.9/46

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -62.750 ± 0.336 χ^2/NDF : 735.4/5

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -62.262 ± 0.330 χ^2/NDF : 1040.7/4

Left: -62.501 ± 0.235 χ^2/NDF : 1777.1/10

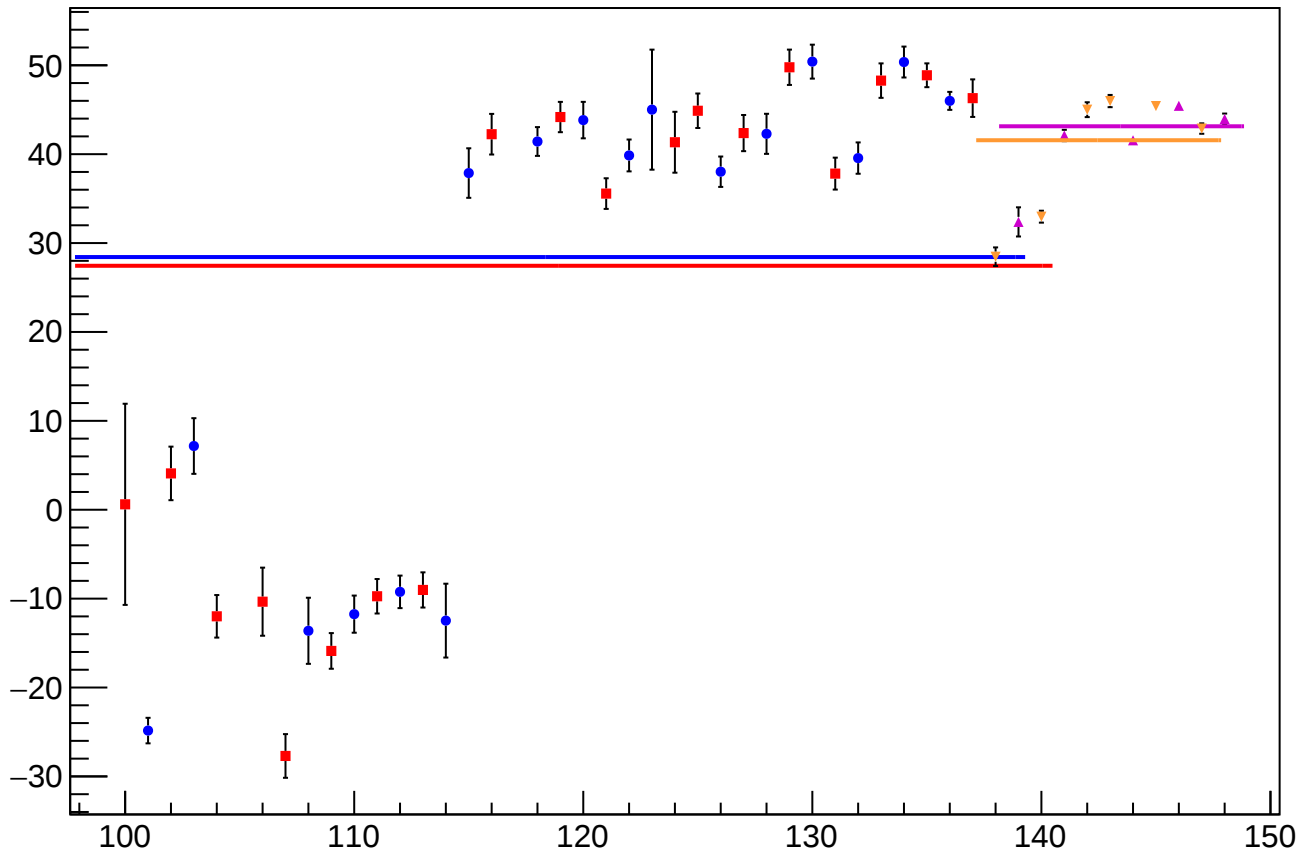
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -62.361 ± 0.301 χ^2/NDF : 1408.9/21

Out: -63.038 ± 0.306 χ^2/NDF : 1183.8/24

All: -62.693 ± 0.215 χ^2/NDF : 2595.2/46

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: 41.568 $\pm$ 0.278 χ^2 /NDF:433.1/5

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 43.138 $\pm$ 0.271 χ^2 /NDF:80.1/4

Left: 42.374 $\pm$ 0.194 χ^2 /NDF: 529.6/10

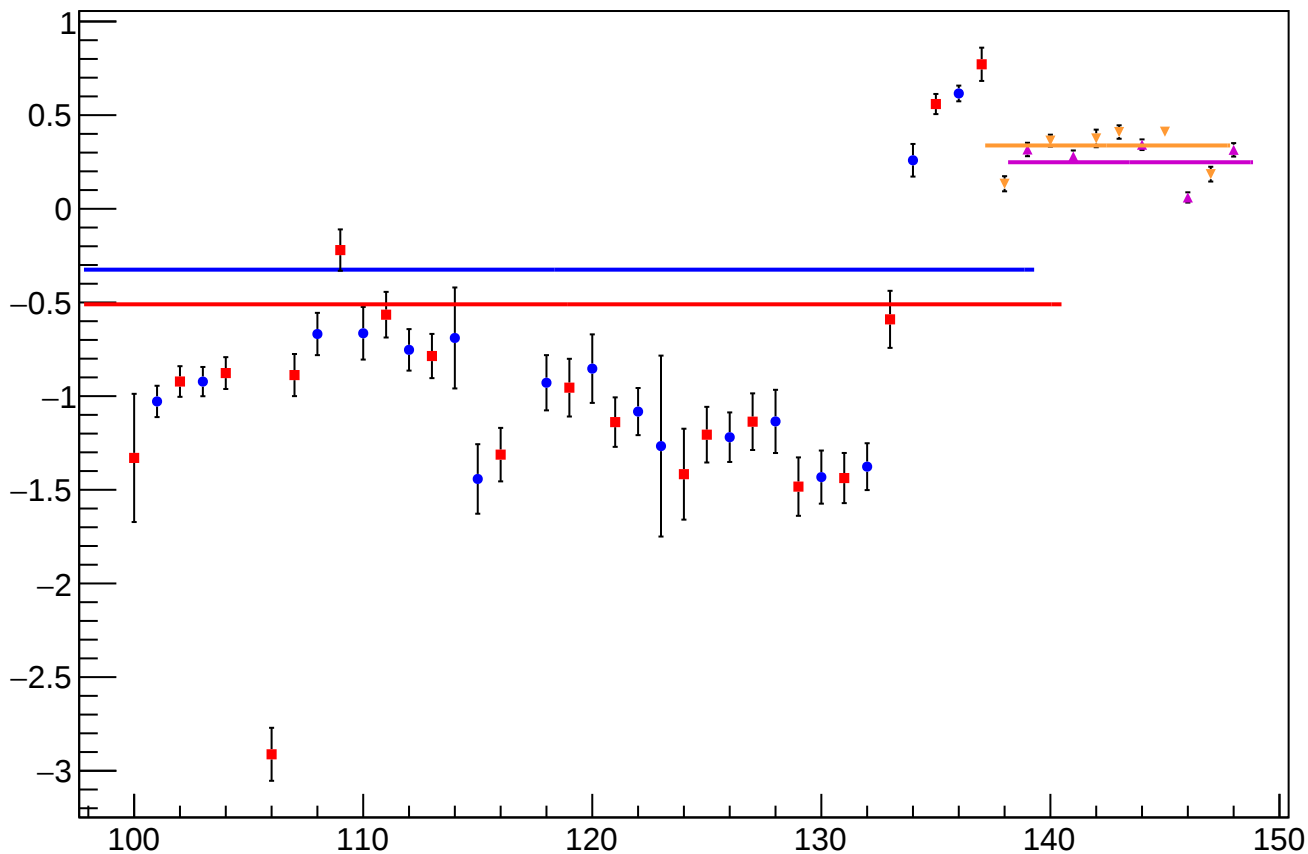
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.328 $\pm$ 0.233 χ^2 /NDF:4167.8/21

Out: 38.002 $\pm$ 0.240 χ^2 /NDF:4118.2/24

All: 38.686 $\pm$ 0.167 χ^2 /NDF: 8301.7/46

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: 0.338 ± 0.014 χ^2/NDF : 55.2/5

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.249 ± 0.014 χ^2/NDF : 65.7/4

Left: 0.294 ± 0.010 χ^2/NDF : 141.4/10

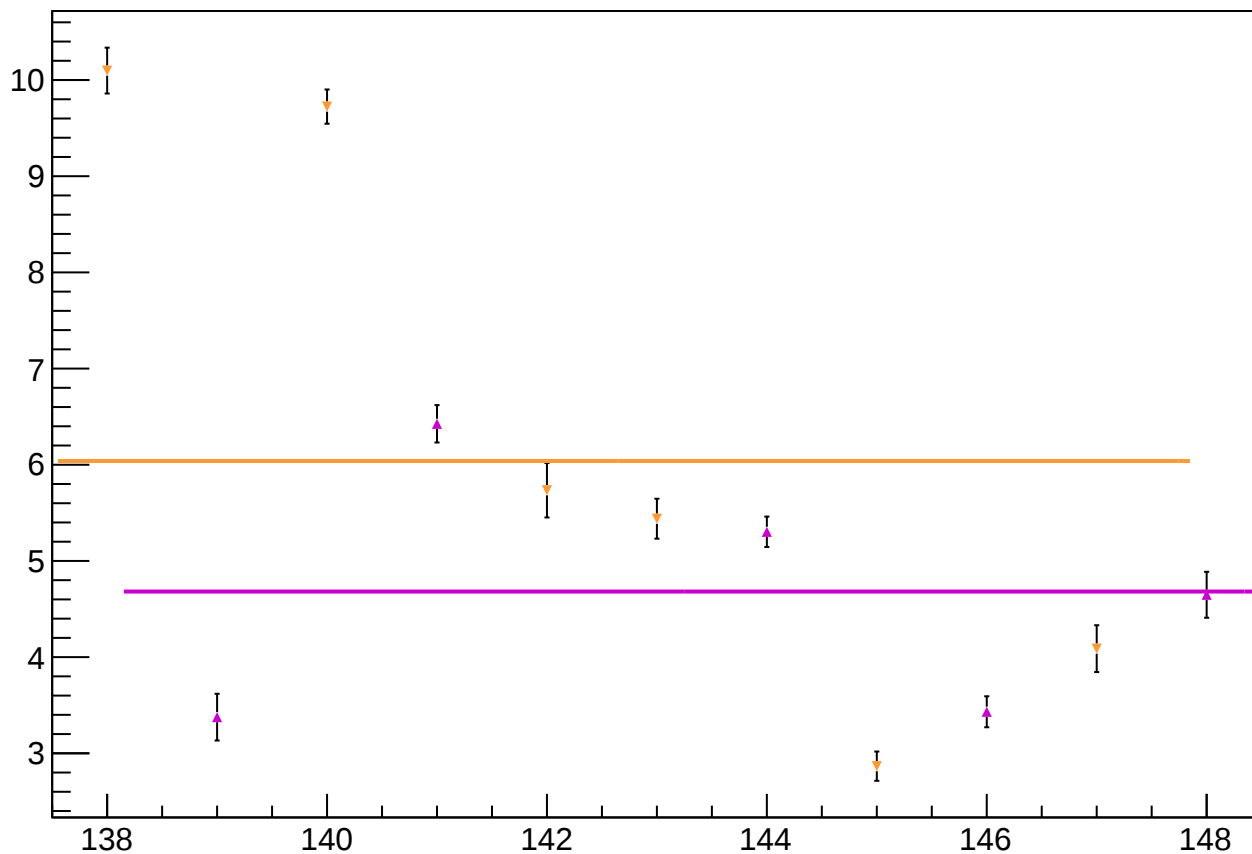
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.111 ± 0.012 χ^2/NDF : 1479.6/21

Out: 0.146 ± 0.012 χ^2/NDF : 2066.9/24

All: 0.128 ± 0.009 χ^2/NDF : 3550.7/46

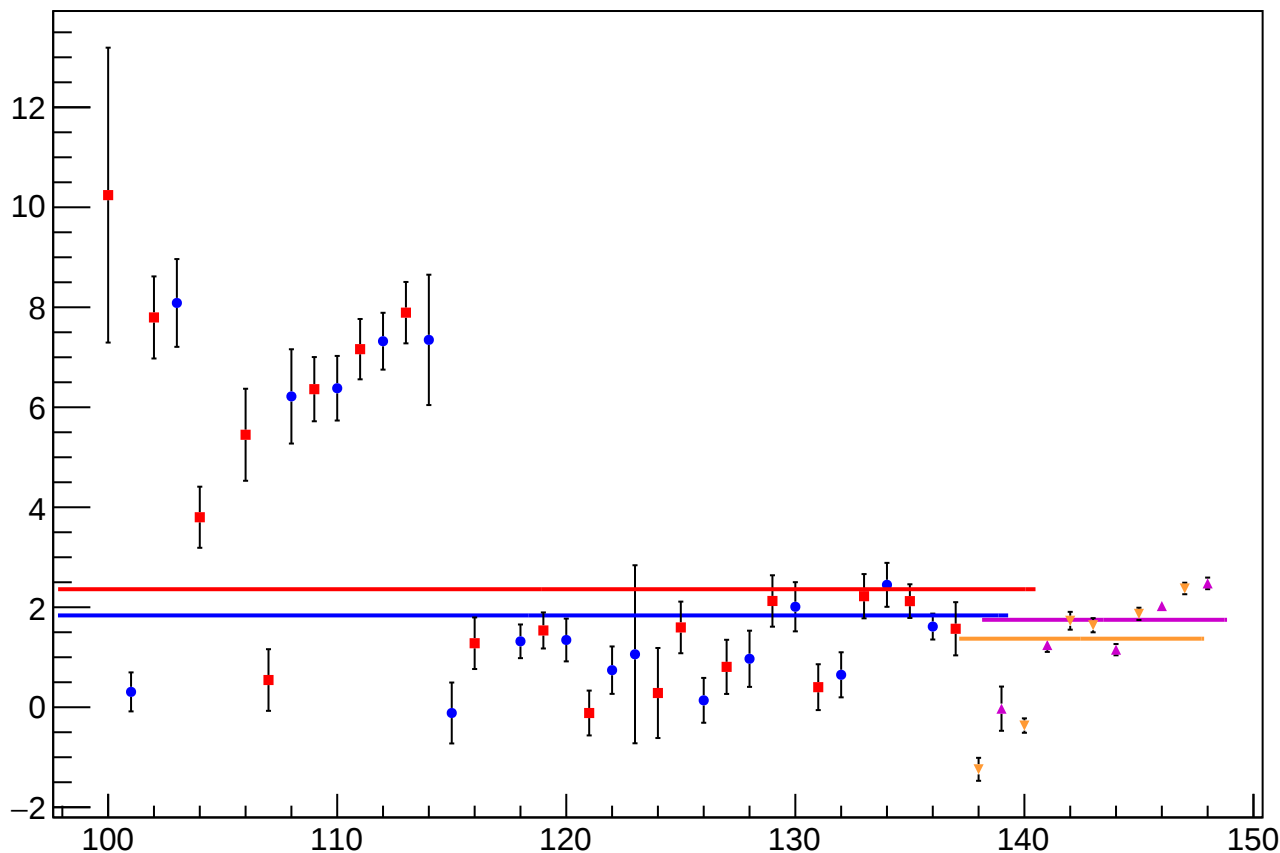
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.039+/-0.083 χ^2/NDF :1227.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.682+/-0.085 χ^2/NDF :184.9/4

Left: 5.374+/-0.059 χ^2/NDF : 1542.9/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.682+/-0.085 χ^2/NDF :184.9/4
 Out: 6.039+/-0.083 χ^2/NDF :1227.1/5
 All: 5.374+/-0.059 χ^2/NDF : 1542.9/10

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.371 $\pm$ 0.059 χ^2 /NDF:374.5/5

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.749 $\pm$ 0.056 χ^2 /NDF:104.9/4

Left: 1.568 $\pm$ 0.041 χ^2 /NDF: 500.9/10

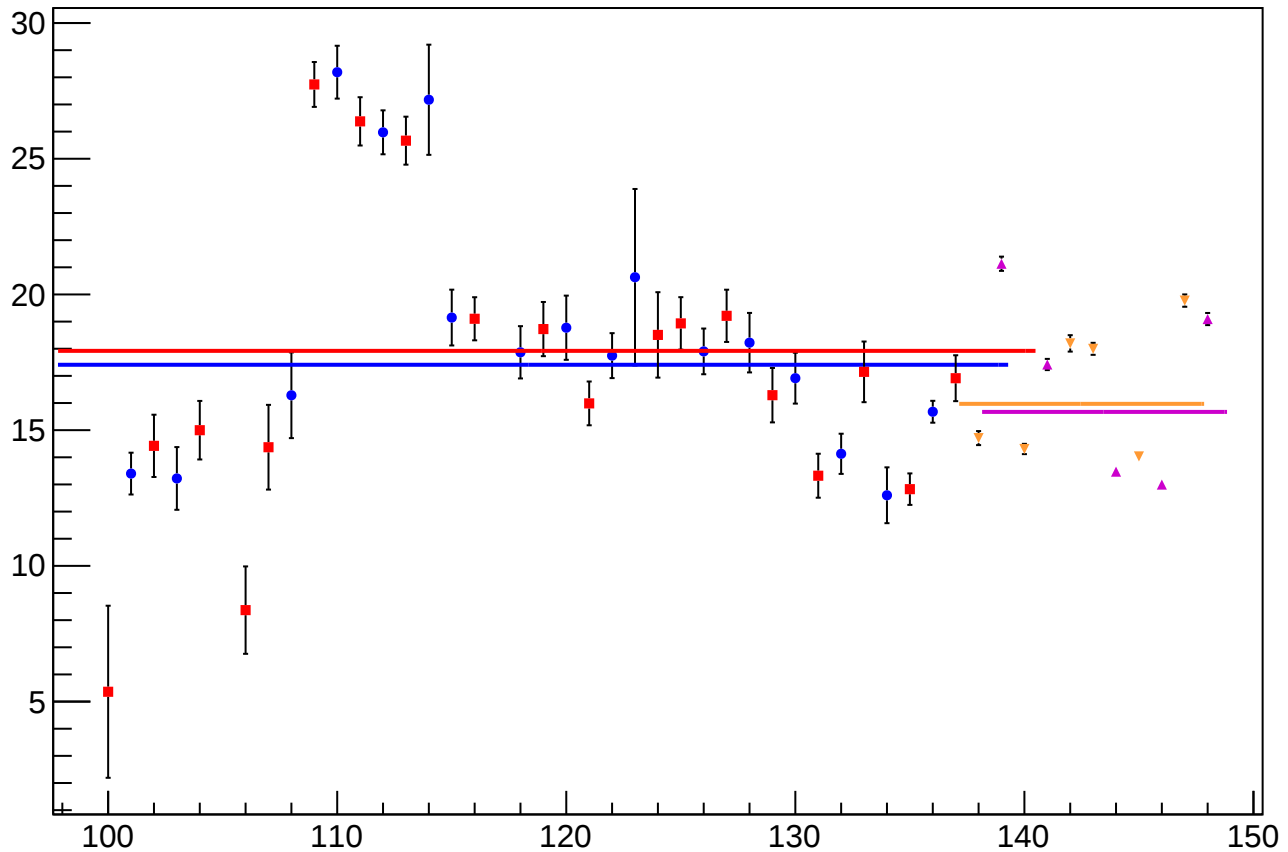
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.766 $\pm$ 0.051 χ^2 /NDF:399.4/21

Out: 1.557 $\pm$ 0.053 χ^2 /NDF:764.5/24

All: 1.666 $\pm$ 0.037 χ^2 /NDF: 1172.0/46

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: 15.970 $\pm$ 0.087 χ^2 /NDF: 662.5/5

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 15.673 $\pm$ 0.086 χ^2 /NDF: 1205.3/4

Left: 15.820 $\pm$ 0.061 χ^2 /NDF: 1873.6/10

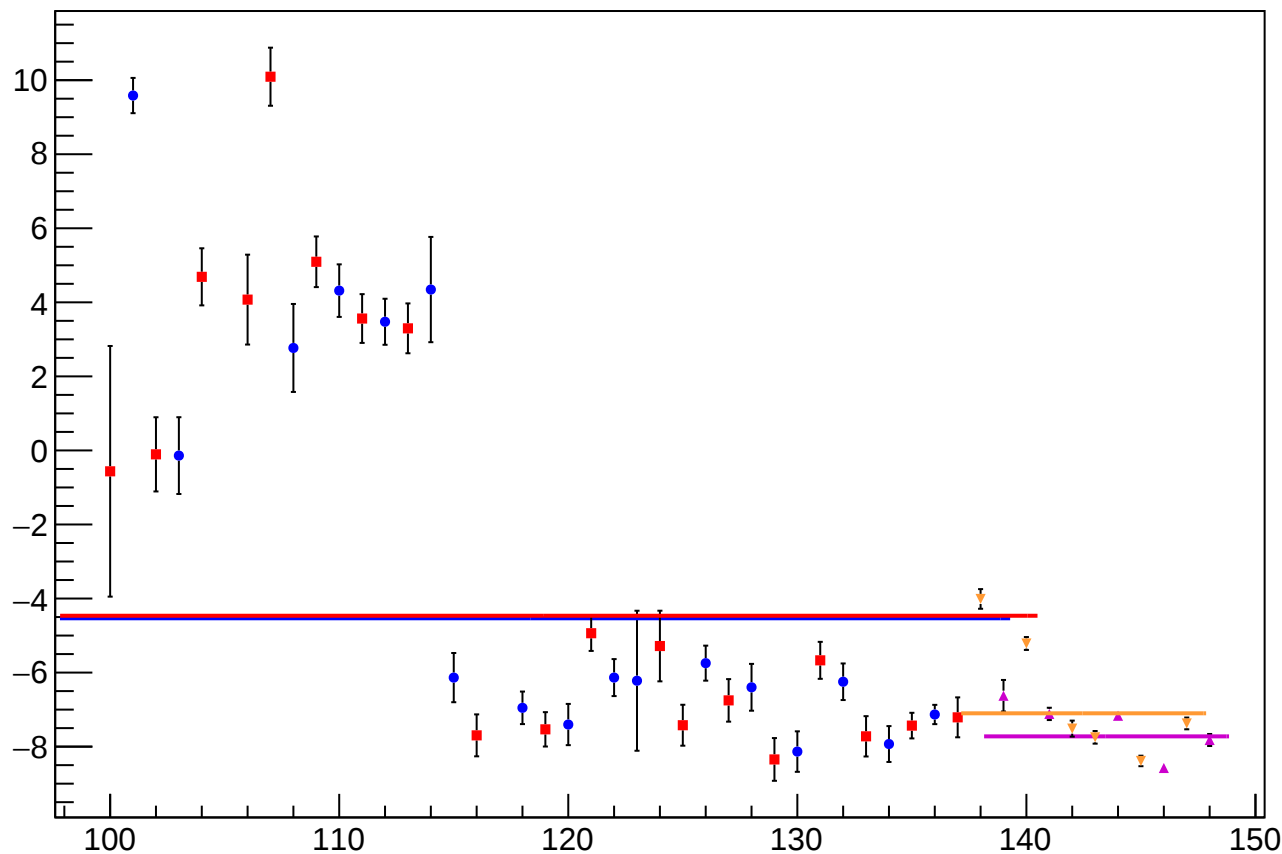
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 15.919 $\pm$ 0.080 χ^2 /NDF: 1628.0/21

Out: 16.237 $\pm$ 0.081 χ^2 /NDF: 1237.7/24

All: 16.076 $\pm$ 0.057 χ^2 /NDF: 2873.4/46

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: -7.100 ± 0.072 χ^2/NDF : 355.2/5

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.723 ± 0.071 χ^2/NDF : 84.9/4

Left: -7.418 ± 0.050 χ^2/NDF : 478.1/10

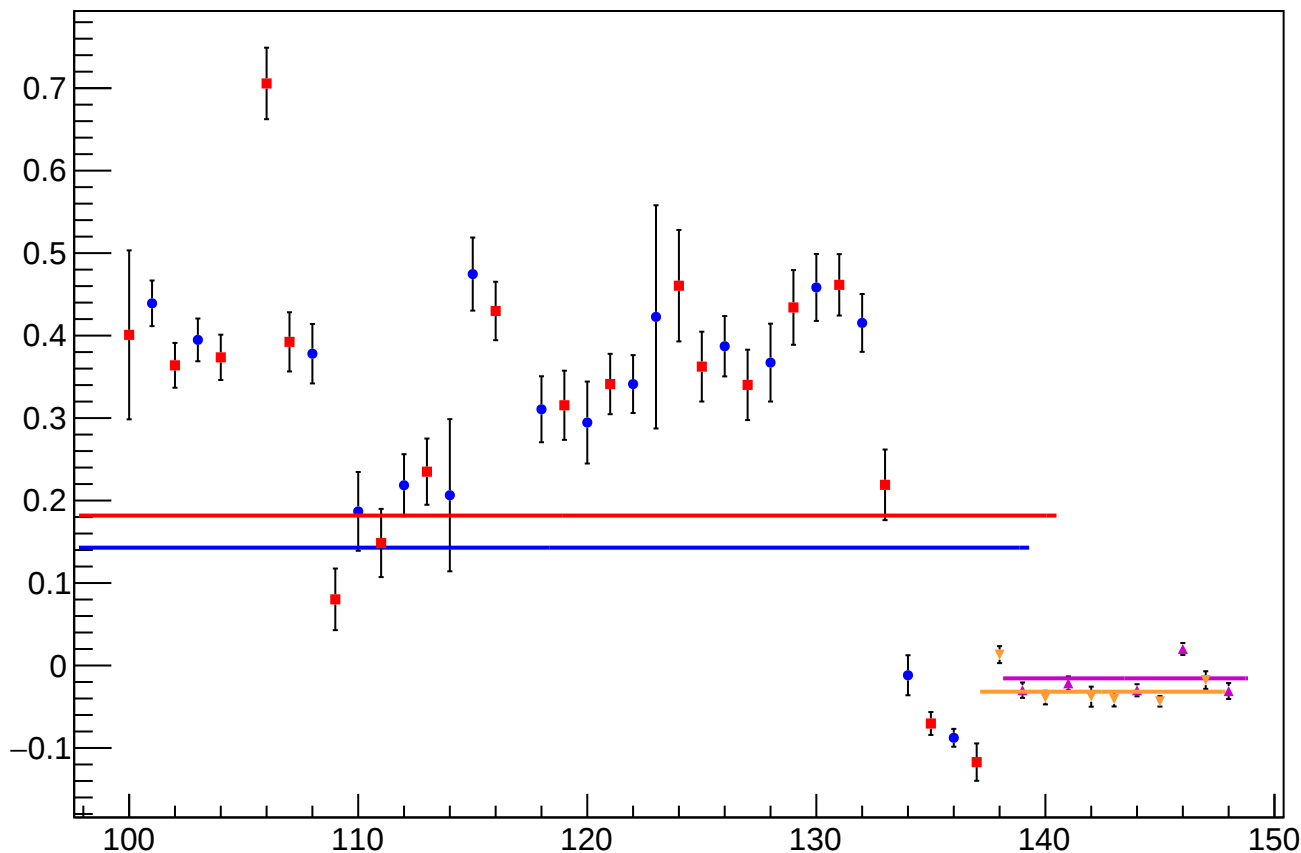
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.992 ± 0.062 χ^2/NDF : 2139.9/21

Out: -6.526 ± 0.064 χ^2/NDF : 1986.0/24

All: -6.766 ± 0.044 χ^2/NDF : 4153.4/46

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.032 ± 0.004 $\chi^2/\text{NDF}: 26.3/5$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

Left In: -0.016 ± 0.004 $\chi^2/\text{NDF}: 33.6/4$

Left: -0.024 ± 0.003 $\chi^2/\text{NDF}: 69.8/10$

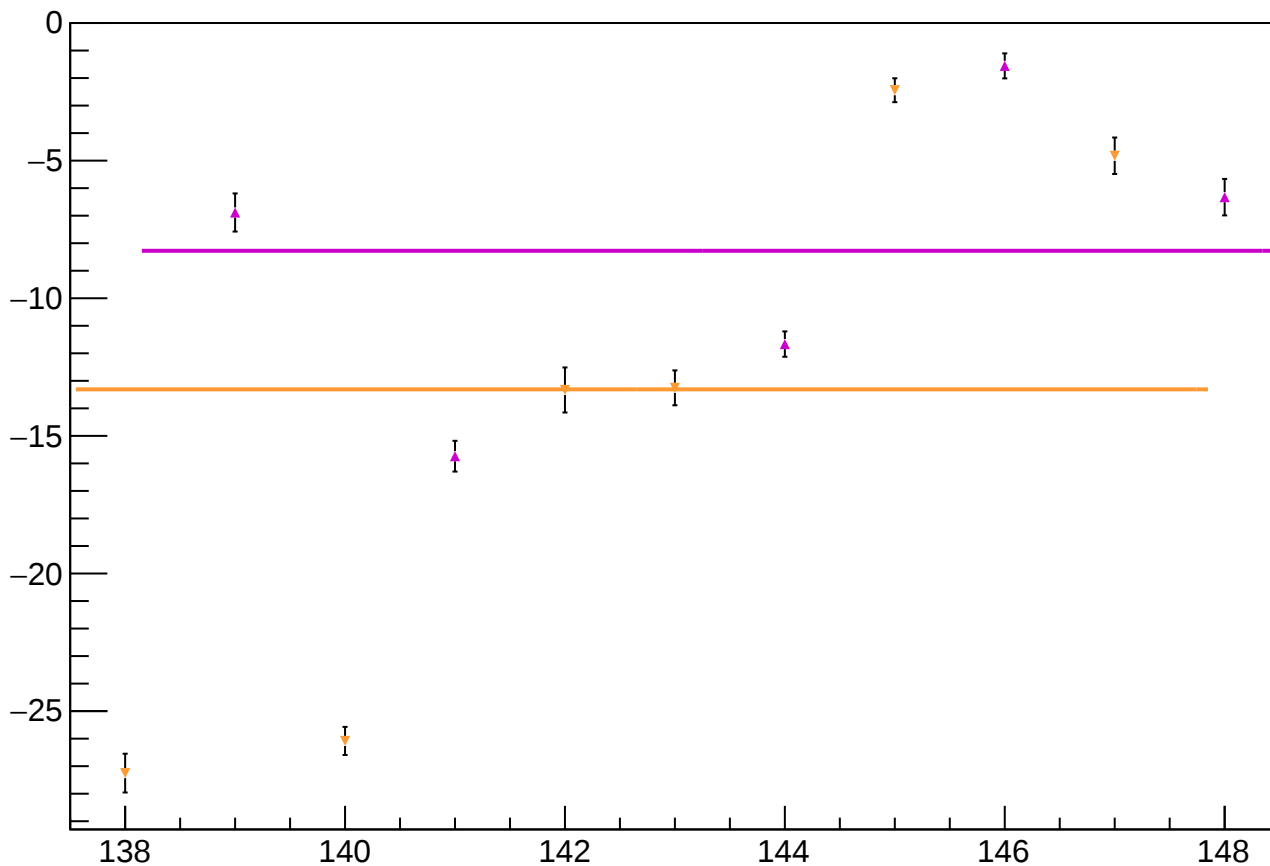
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2081.6/35$

In: 0.018 ± 0.003 $\chi^2/\text{NDF}: 1489.7/21$

Out: 0.009 ± 0.003 $\chi^2/\text{NDF}: 1710.1/24$

All: 0.014 ± 0.002 $\chi^2/\text{NDF}: 3203.4/46$

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: -13.309+/-0.240 χ^2/NDF :1808.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.276+/-0.242 χ^2/NDF :463.8/4

Left: -10.814+/-0.170 χ^2/NDF : 2490.7/10

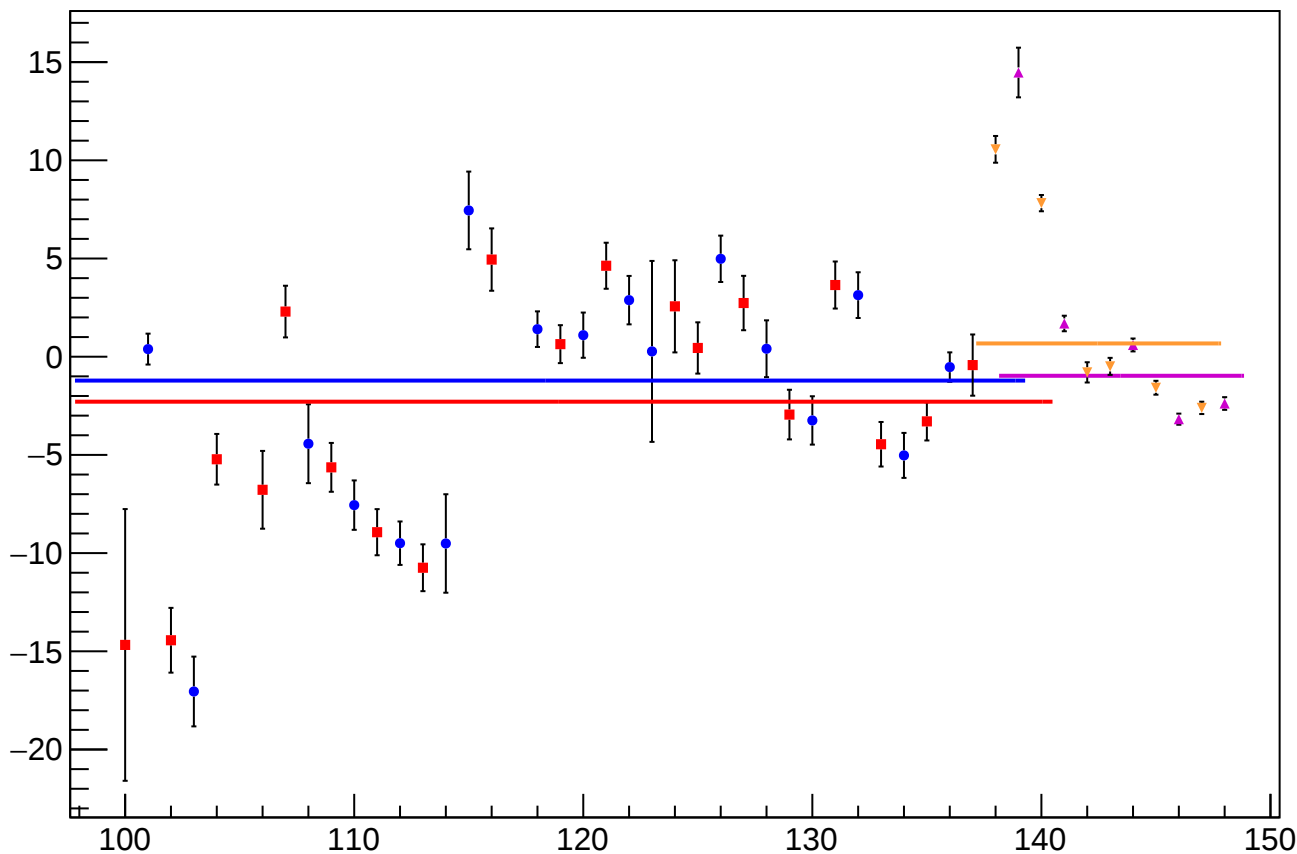
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.276+/-0.242 χ^2/NDF :463.8/4

Out: -13.309+/-0.240 χ^2/NDF :1808.2/5

All: -10.814+/-0.170 χ^2/NDF : 2490.7/10

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: 0.676 ± 0.169 χ^2/NDF : 673.1/5

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: -0.971 ± 0.161 χ^2/NDF : 297.3/4

Left: -0.183 ± 0.117 χ^2/NDF : 1020.1/10

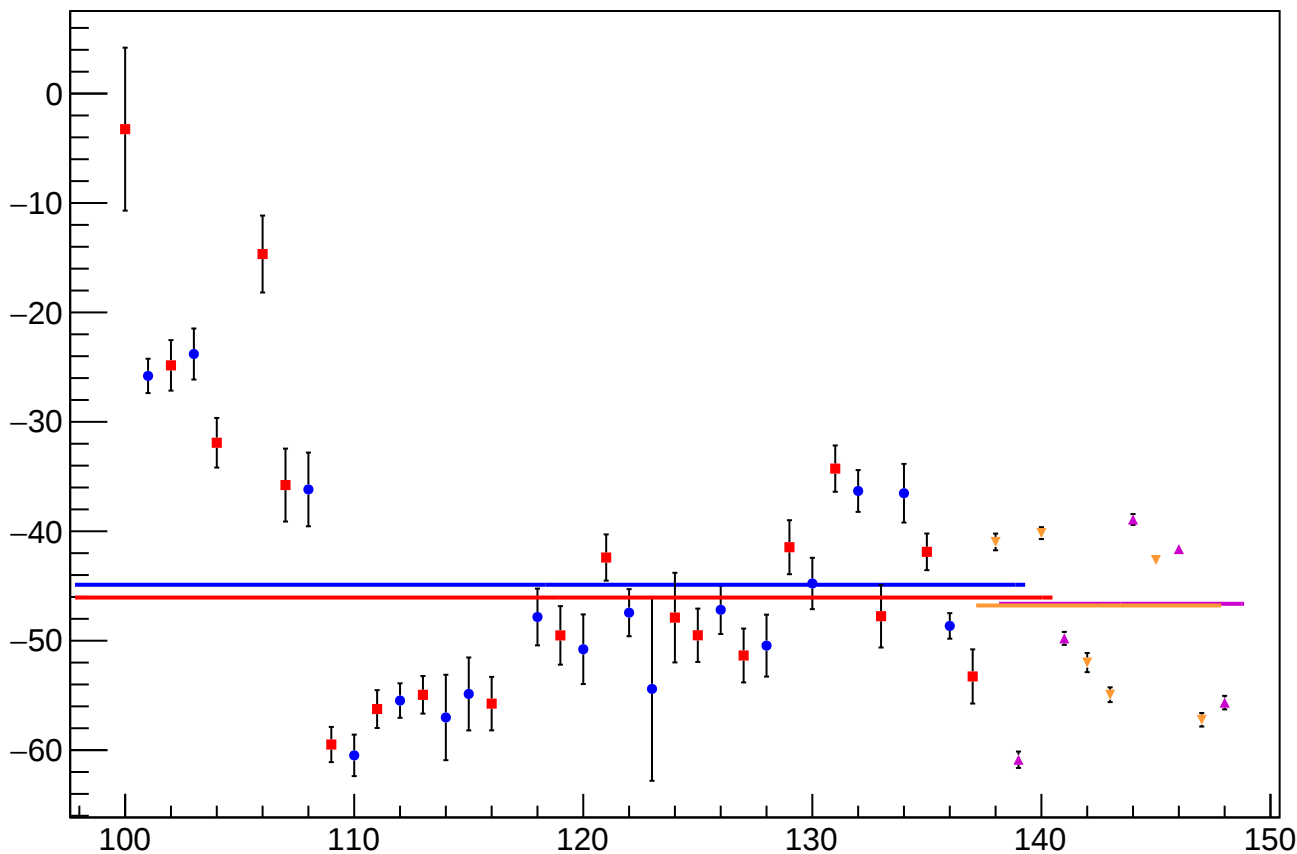
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: -1.029 ± 0.141 χ^2/NDF : 576.6/21

Out: -0.029 ± 0.147 χ^2/NDF : 1033.7/24

All: -0.550 ± 0.102 χ^2/NDF : 1634.3/46

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -46.781 ± 0.251 χ^2/NDF : 753.6/5

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -46.627 ± 0.246 χ^2/NDF : 977.0/4

Left: -46.702 ± 0.175 χ^2/NDF : 1730.8/10

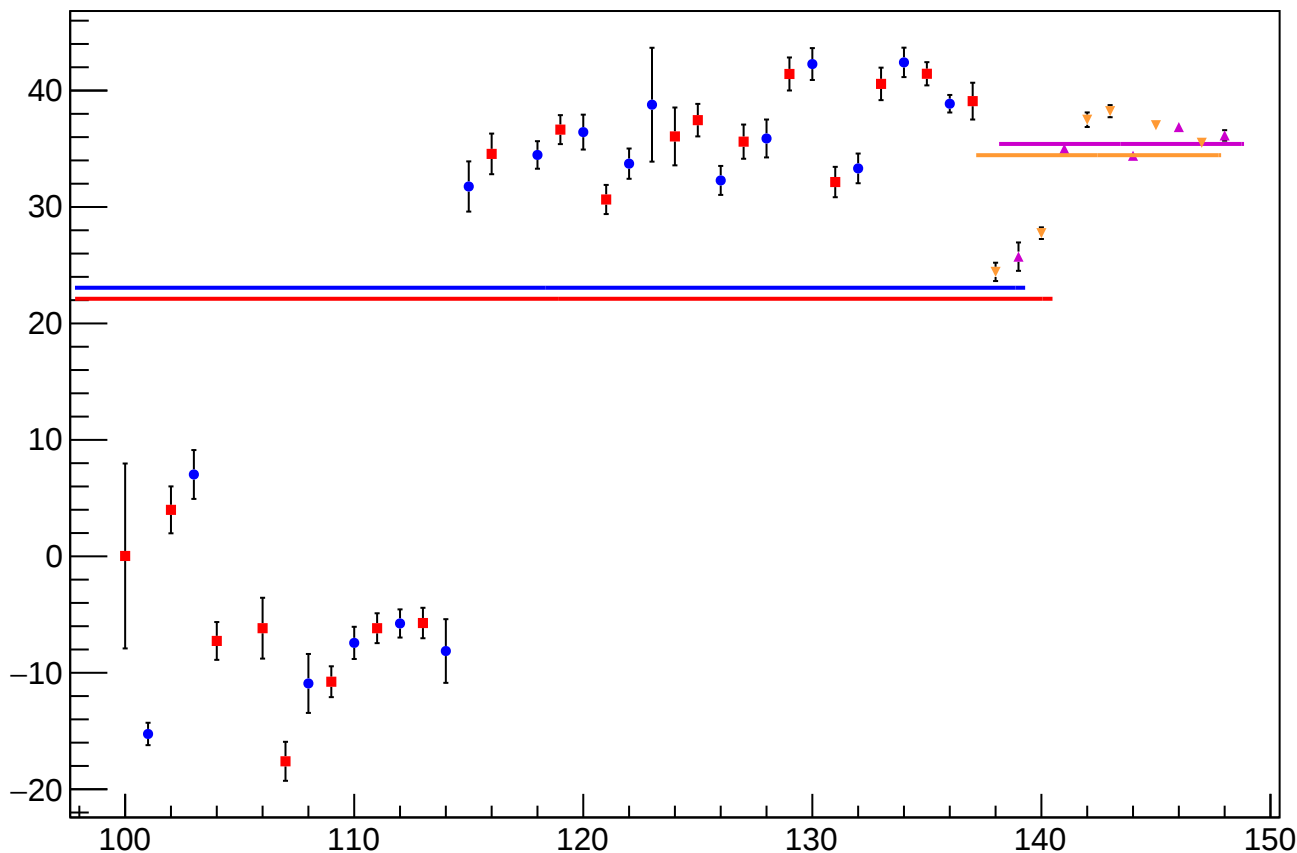
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -46.312 ± 0.222 χ^2/NDF : 1406.5/21

Out: -46.648 ± 0.226 χ^2/NDF : 1208.9/24

All: -46.477 ± 0.159 χ^2/NDF : 2616.5/46

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: 34.449 $\pm$ 0.208 χ^2 /NDF:463.1/5

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.414 $\pm$ 0.202 χ^2 /NDF:89.9/4

Left: 34.945 $\pm$ 0.145 χ^2 /NDF: 564.1/10

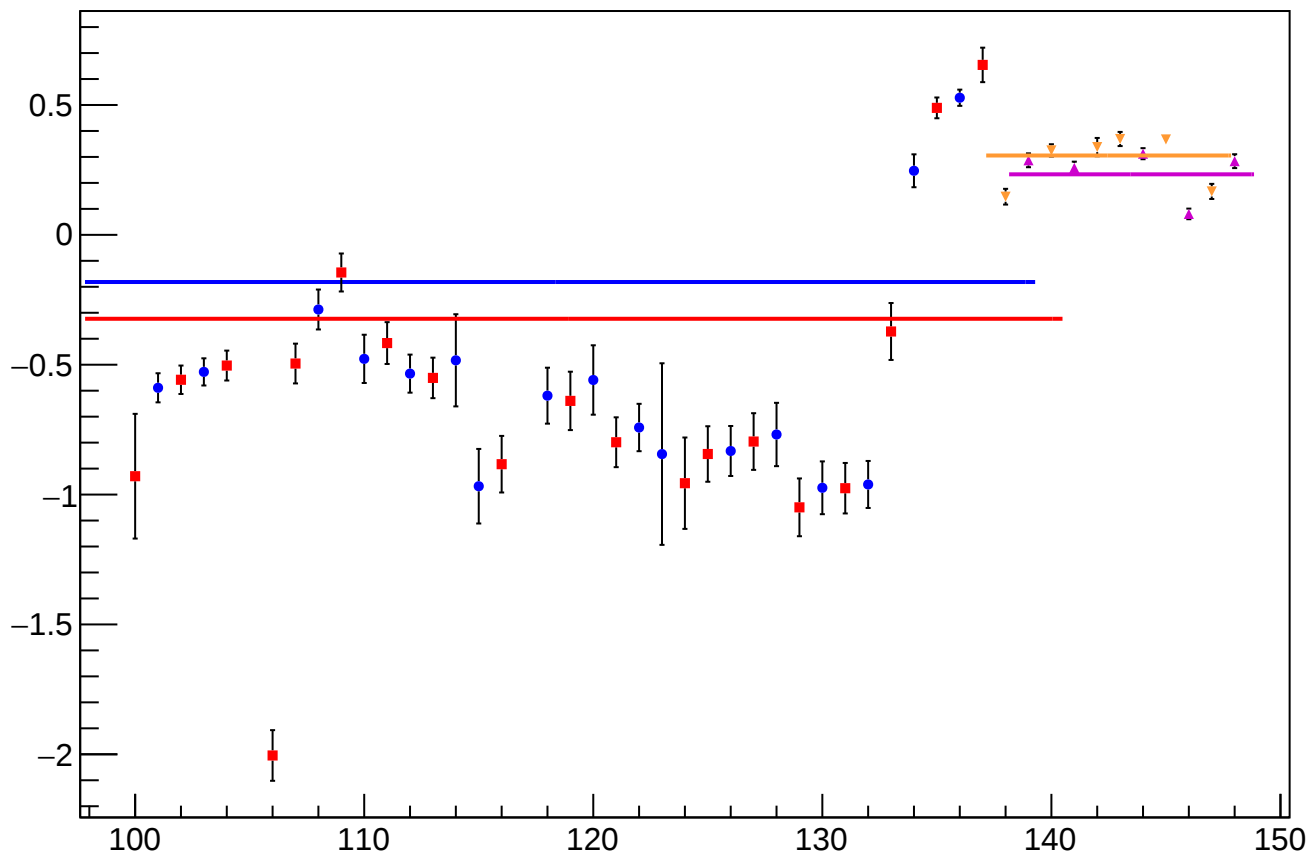
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 31.993 $\pm$ 0.172 χ^2 /NDF:5457.2/21

Out: 31.094 $\pm$ 0.177 χ^2 /NDF:5455.5/24

All: 31.558 $\pm$ 0.123 χ^2 /NDF: 10926.0/46

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: 0.306 ± 0.010 χ^2/NDF : 68.7/5

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.233 ± 0.010 χ^2/NDF : 78.3/4

Left: 0.270 ± 0.007 χ^2/NDF : 171.2/10

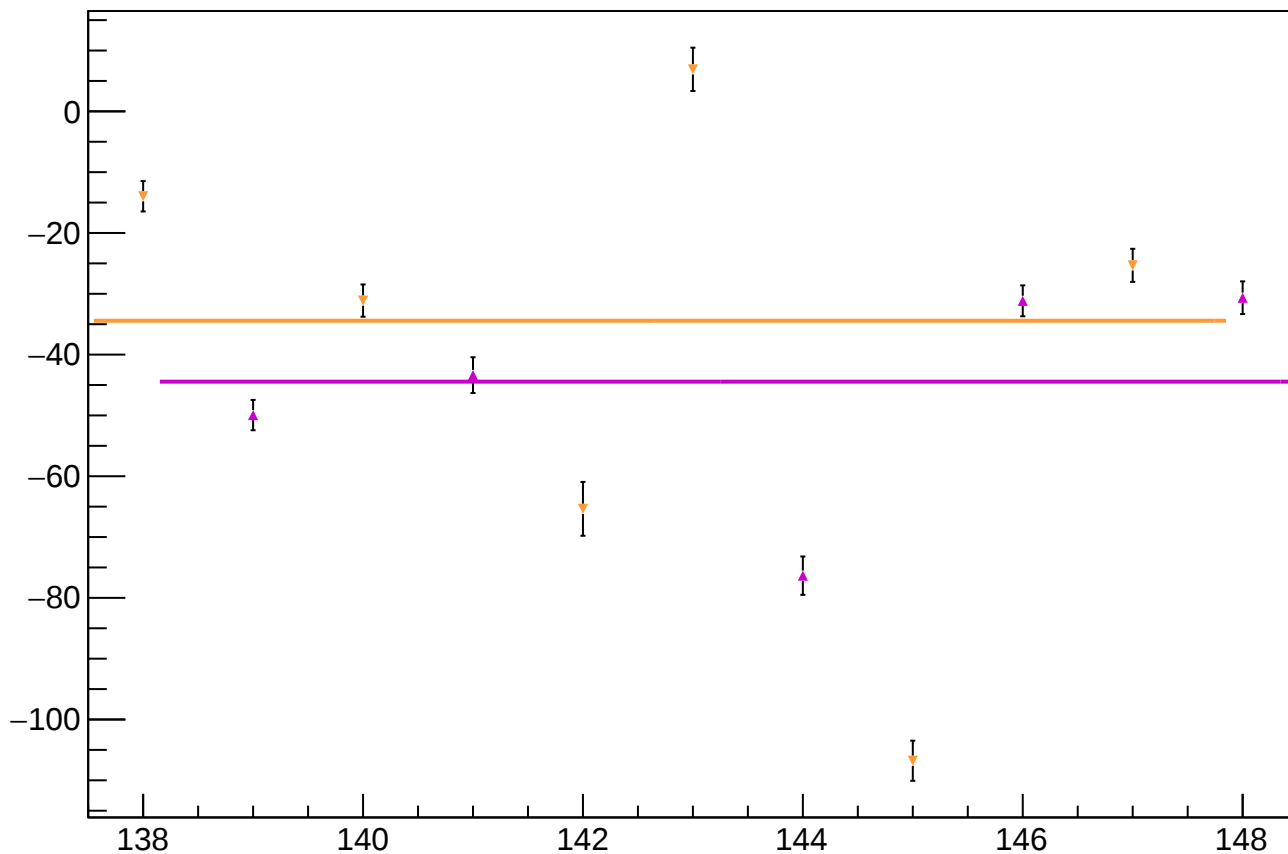
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.126 ± 0.009 χ^2/NDF : 1480.5/21

Out: 0.151 ± 0.009 χ^2/NDF : 2155.6/24

All: 0.138 ± 0.006 χ^2/NDF : 3639.8/46

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.431+/-1.231 χ^2/NDF :745.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.446+/-1.221 χ^2/NDF :161.1/4

Left: -39.481+/-0.867 χ^2/NDF : 939.5/10

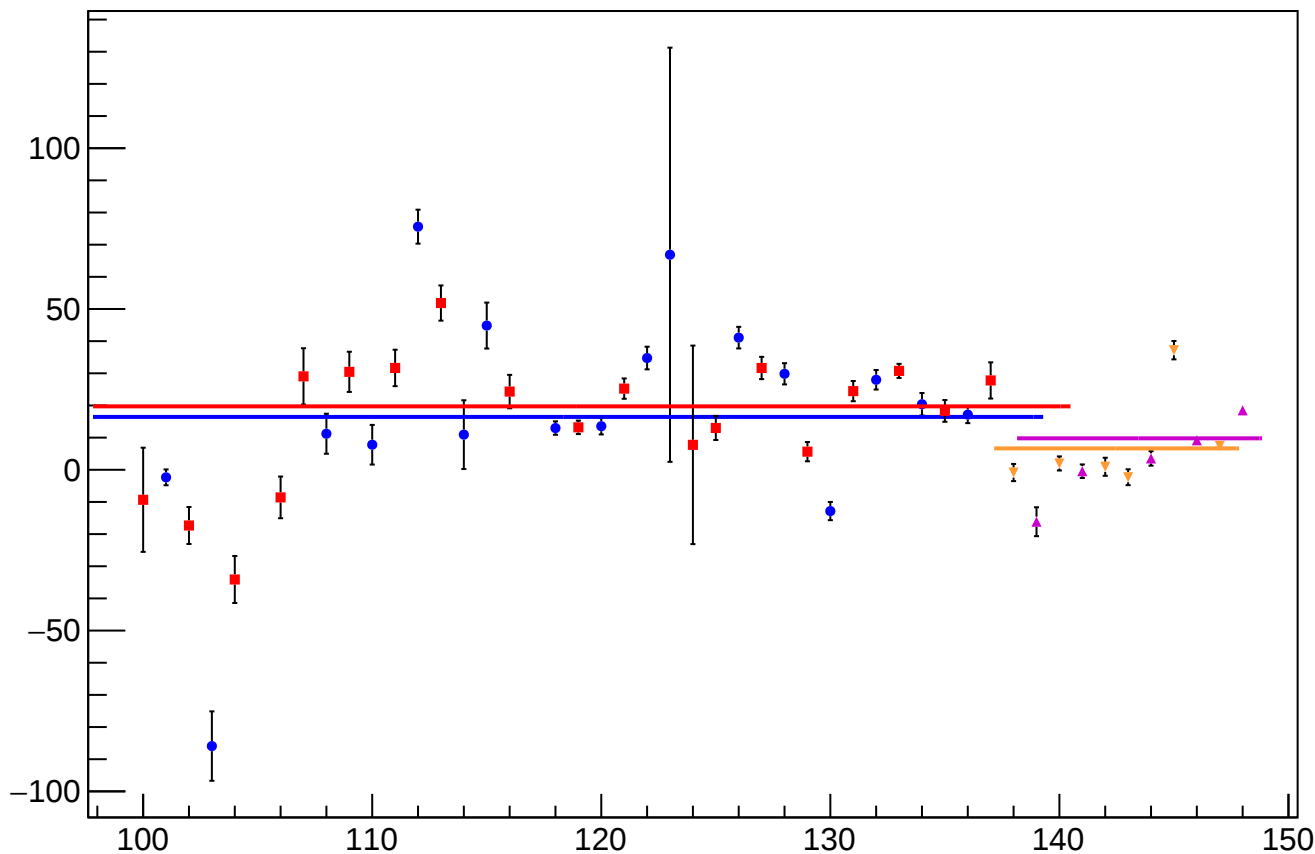
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.446+/-1.221 χ^2/NDF :161.1/4

Out: -34.431+/-1.231 χ^2/NDF :745.0/5

All: -39.481+/-0.867 χ^2/NDF : 939.5/10

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 6.649 $\pm$ 0.857 χ^2 /NDF:144.3/5

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 9.781 $\pm$ 0.813 χ^2 /NDF:109.1/4

Left: 8.298 $\pm$ 0.590 χ^2 /NDF: 260.4/10

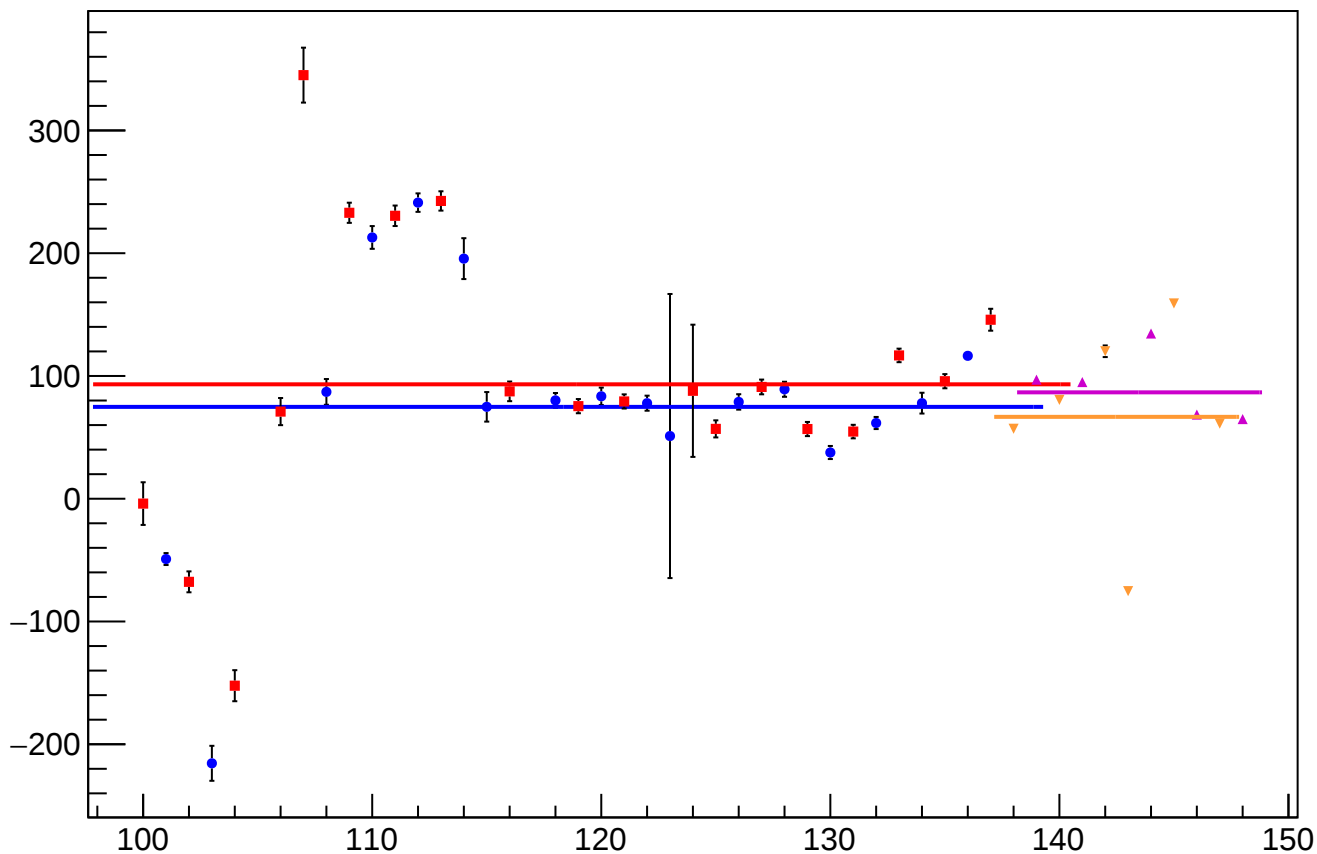
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 12.966 $\pm$ 0.587 χ^2 /NDF:658.1/21

Out: 12.883 $\pm$ 0.620 χ^2 /NDF:497.0/24

All: 12.927 $\pm$ 0.426 χ^2 /NDF: 1155.1/46

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 66.702+/-1.274 χ^2/NDF : 2290.9/5

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 86.657+/-1.236 χ^2/NDF : 354.2/4

Left: 76.984+/-0.887 χ^2/NDF : 2771.4/10

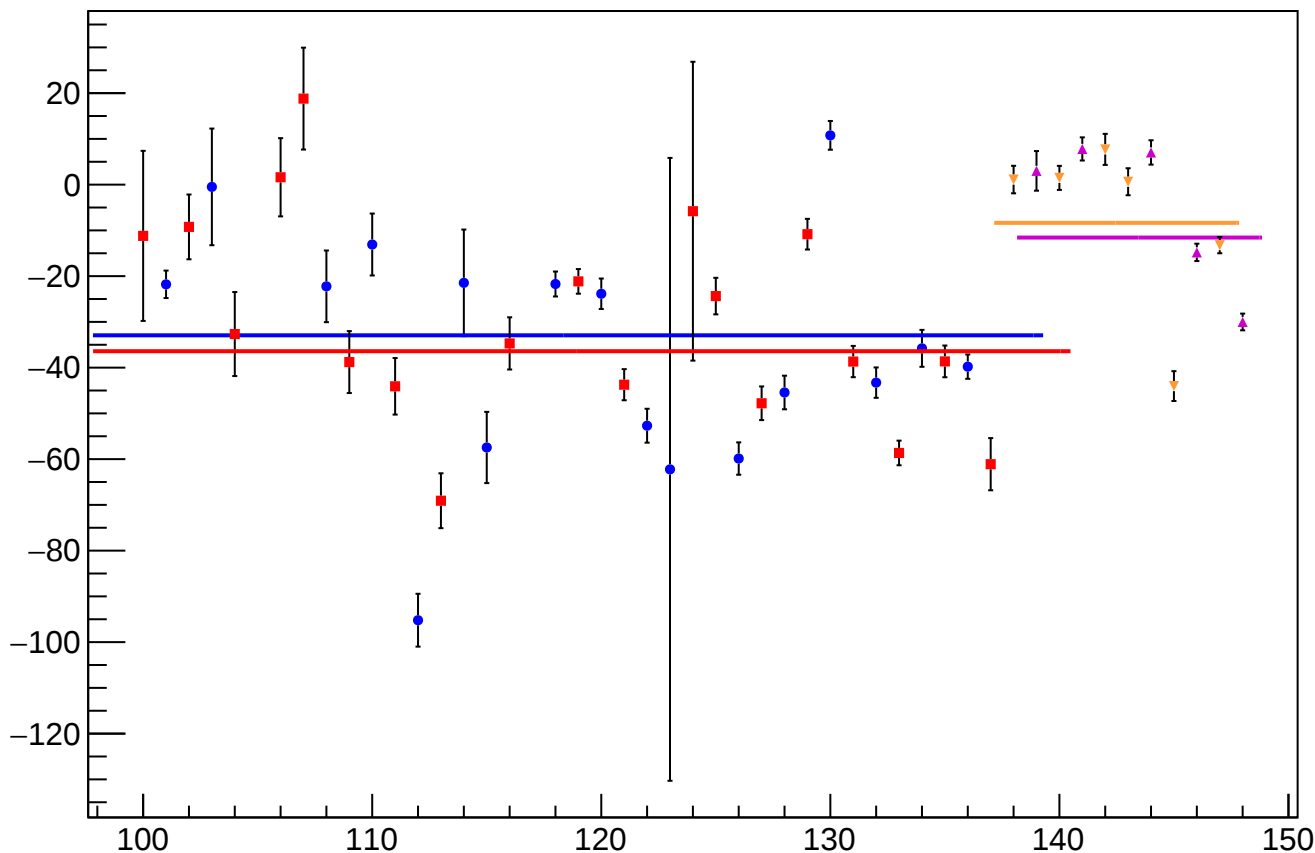
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 82.365+/-0.987 χ^2/NDF : 2384.2/21

Out: 76.153+/-1.022 χ^2/NDF : 4445.8/24

All: 79.369+/-0.710 χ^2/NDF : 6849.2/46

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -8.350 ± 1.074 $\chi^2/\text{NDF}: 182.8/5$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -11.566 ± 1.038 $\chi^2/\text{NDF}: 223.7/4$

Left: -10.012 ± 0.746 $\chi^2/\text{NDF}: 411.1/10$

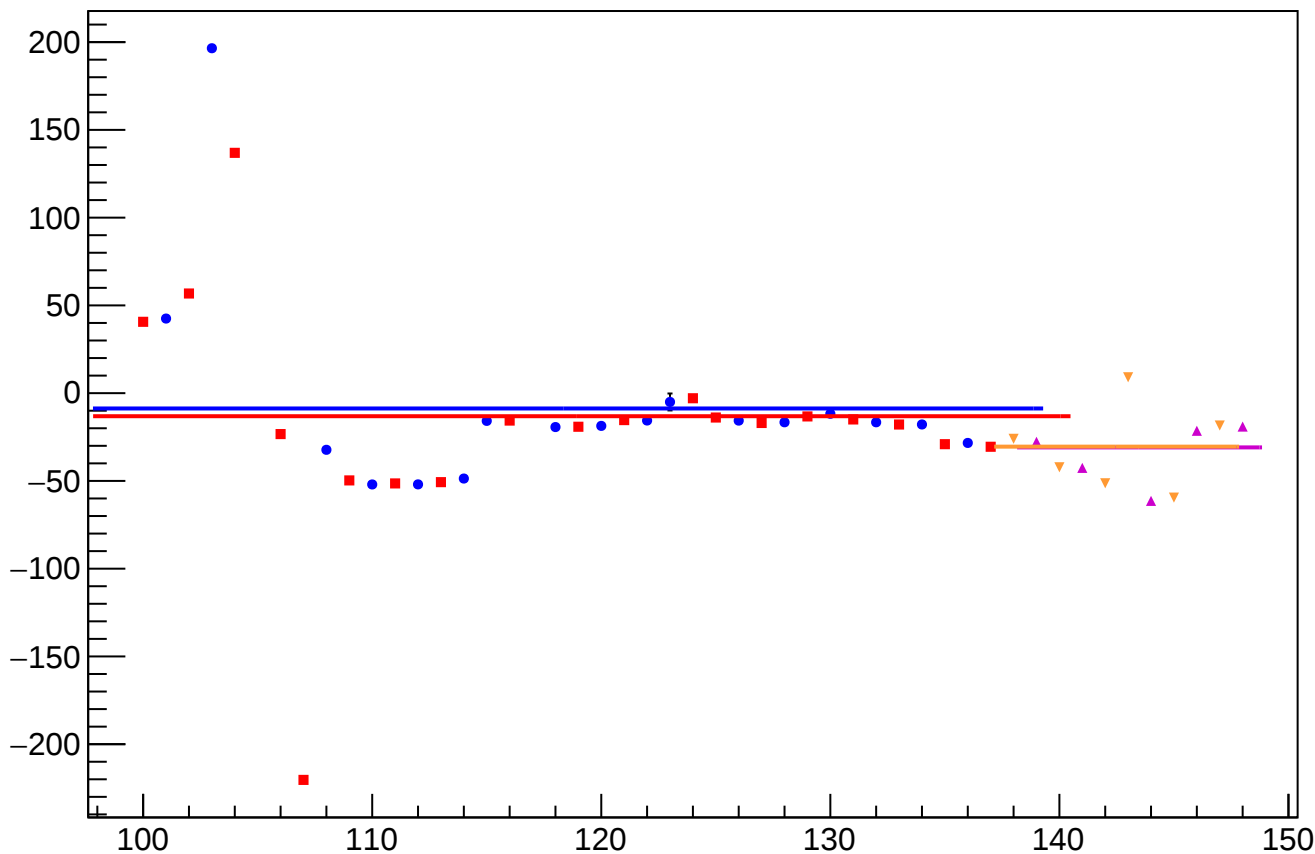
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -22.939 ± 0.710 $\chi^2/\text{NDF}: 939.9/21$

Out: -23.027 ± 0.741 $\chi^2/\text{NDF}: 835.2/24$

All: -22.981 ± 0.513 $\chi^2/\text{NDF}: 1775.1/46$

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: -30.470 ± 0.053 $\chi^2/\text{NDF}: 146357.5/5$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -30.902 ± 0.051 $\chi^2/\text{NDF}: 71535.3/4$

Left: -30.696 ± 0.037 $\chi^2/\text{NDF}: 217927.0/10$

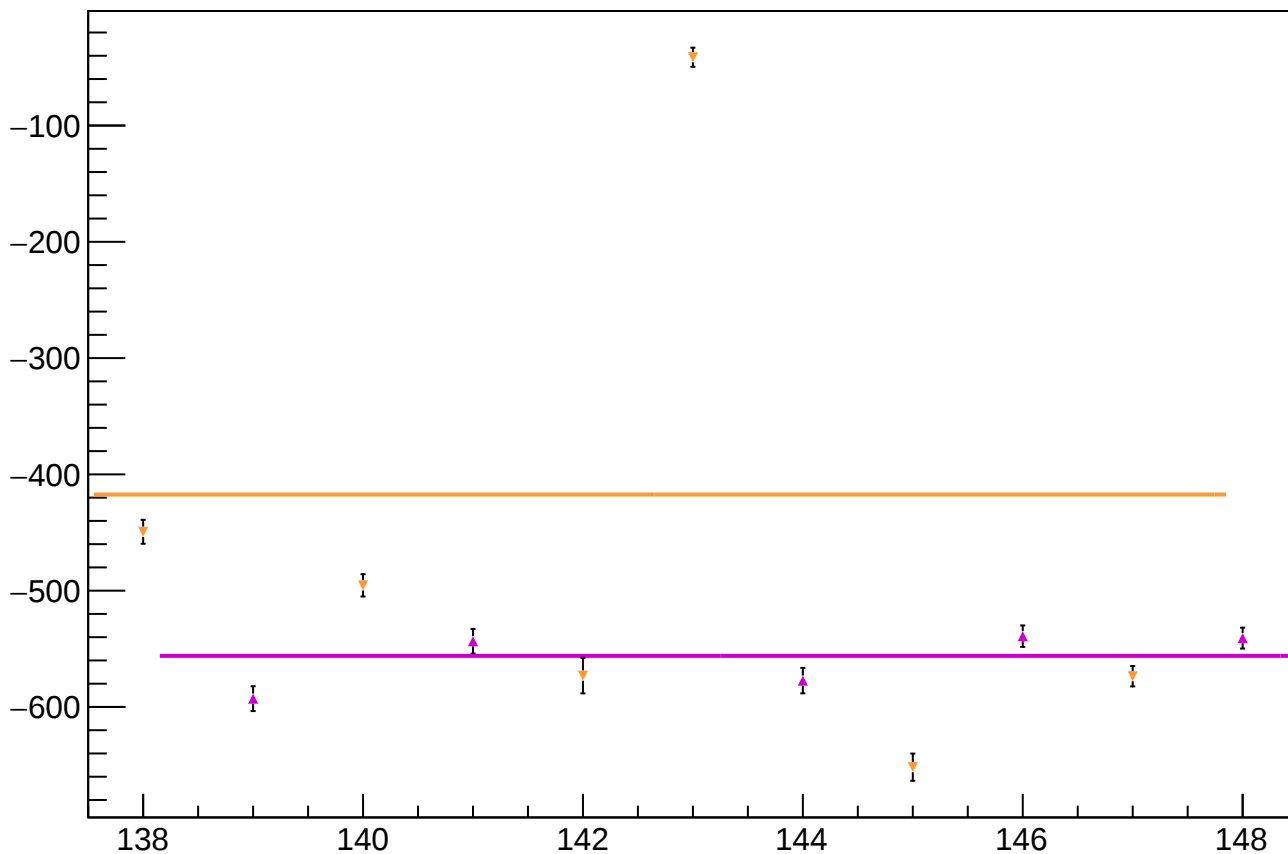
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -21.404 ± 0.039 $\chi^2/\text{NDF}: 728537.4/21$

Out: -23.066 ± 0.040 $\chi^2/\text{NDF}: 750136.6/24$

All: -22.197 ± 0.028 $\chi^2/\text{NDF}: 1479561.6/46$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -417.309+/-4.095 χ^2/NDF :2988.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -556.062+/-4.464 χ^2/NDF :23.3/4

Left: -480.707+/-3.018 χ^2/NDF : 3536.7/10

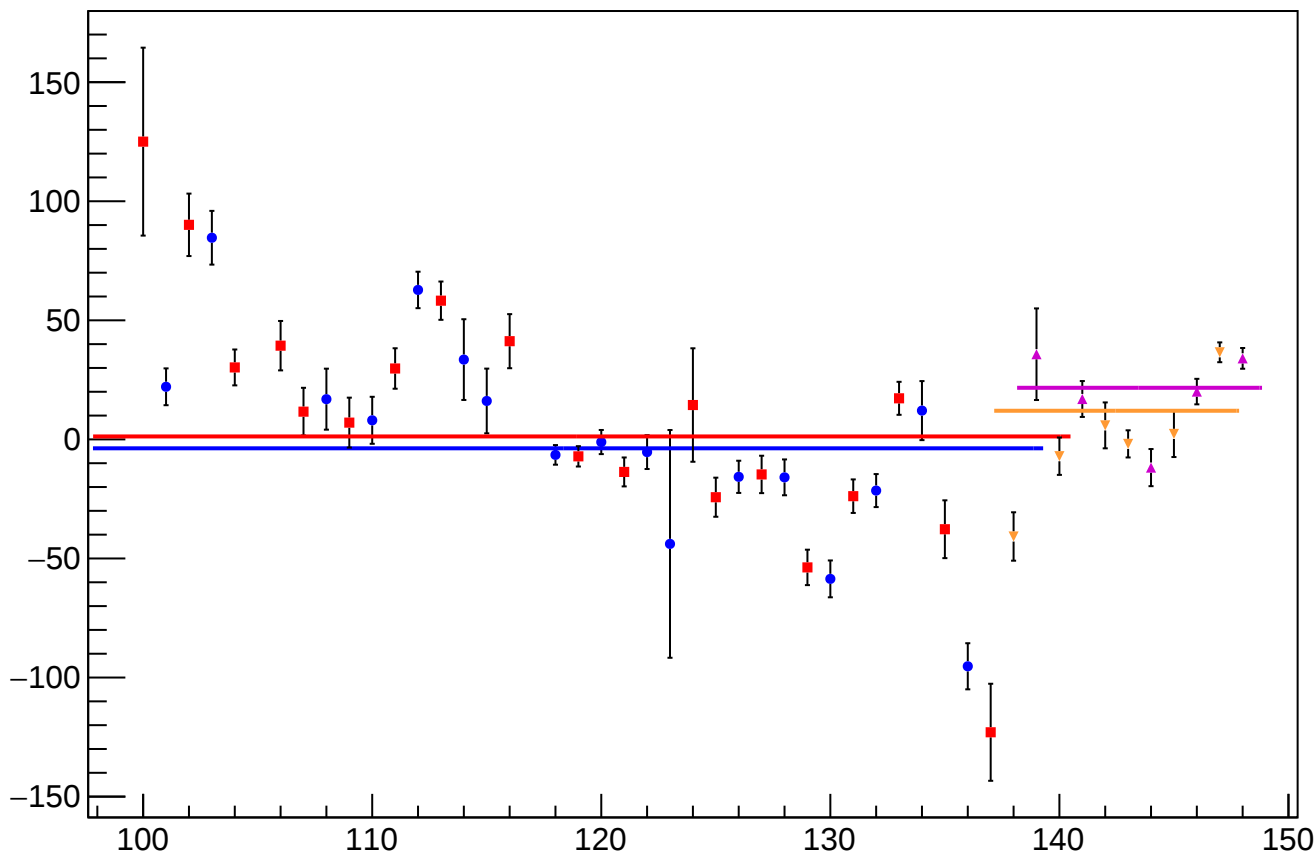
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -556.062+/-4.464 χ^2/NDF :23.3/4

Out: -417.309+/-4.095 χ^2/NDF :2988.7/5

All: -480.707+/-3.018 χ^2/NDF : 3536.7/10

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743±1.892 χ^2/NDF : 314.1/16

Left Out: 12.025±2.714 χ^2/NDF : 75.0/5

Right Out: 1.241±1.916 χ^2/NDF : 303.5/18

Left In: 21.668±2.836 χ^2/NDF : 27.5/4

Left: 16.635±1.961 χ^2/NDF : 108.6/10

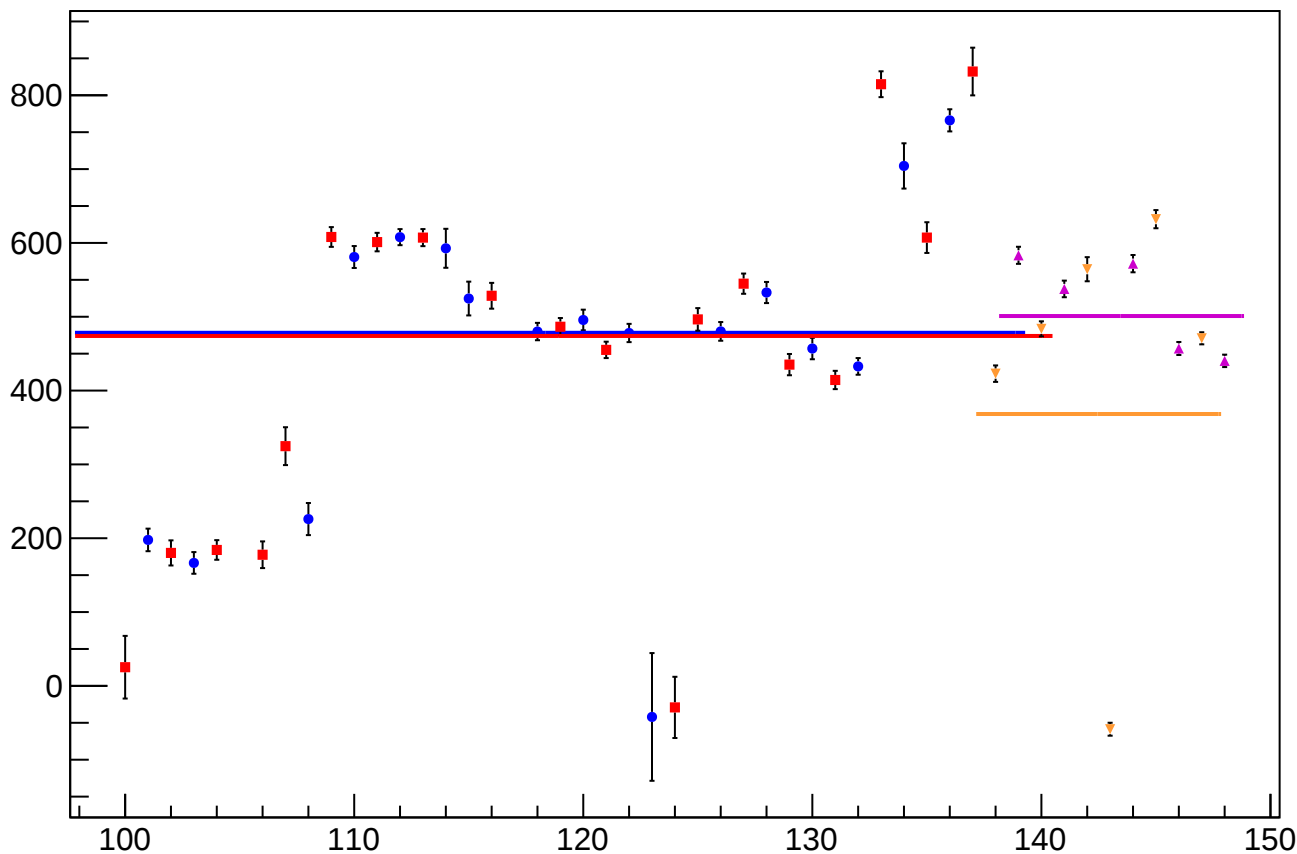
Right: -1.282±1.346 χ^2/NDF : 621.1/35

In: 4.083±1.574 χ^2/NDF : 397.2/21

Out: 4.827±1.565 χ^2/NDF : 389.1/24

All: 4.457±1.110 χ^2/NDF : 786.4/46

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 368.267 $\pm$ 4.233 χ^2 /NDF:3280.2/5

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 500.981 $\pm$ 4.488 χ^2 /NDF:174.8/4

Left: 430.736 $\pm$ 3.079 χ^2 /NDF: 3917.8/10

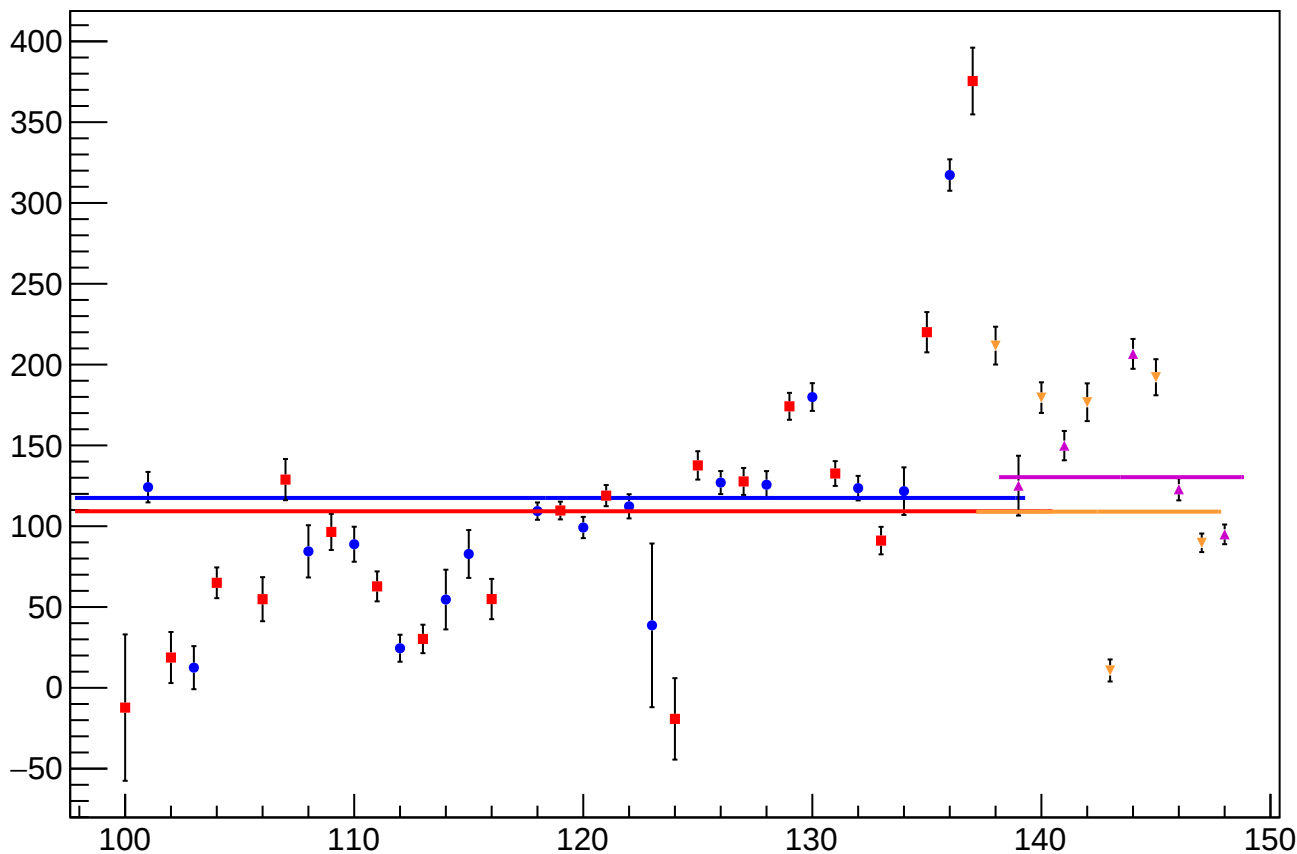
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 487.272 $\pm$ 2.826 χ^2 /NDF:1818.2/21

Out: 430.625 $\pm$ 2.711 χ^2 /NDF:5936.6/24

All: 457.765 $\pm$ 1.956 χ^2 /NDF: 7964.0/46

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 109.000 $\pm$ 3.417 χ^2 /NDF:440.7/5

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 130.357 $\pm$ 3.653 χ^2 /NDF:107.7/4

Left: 118.965 $\pm$ 2.495 χ^2 /NDF: 566.6/10

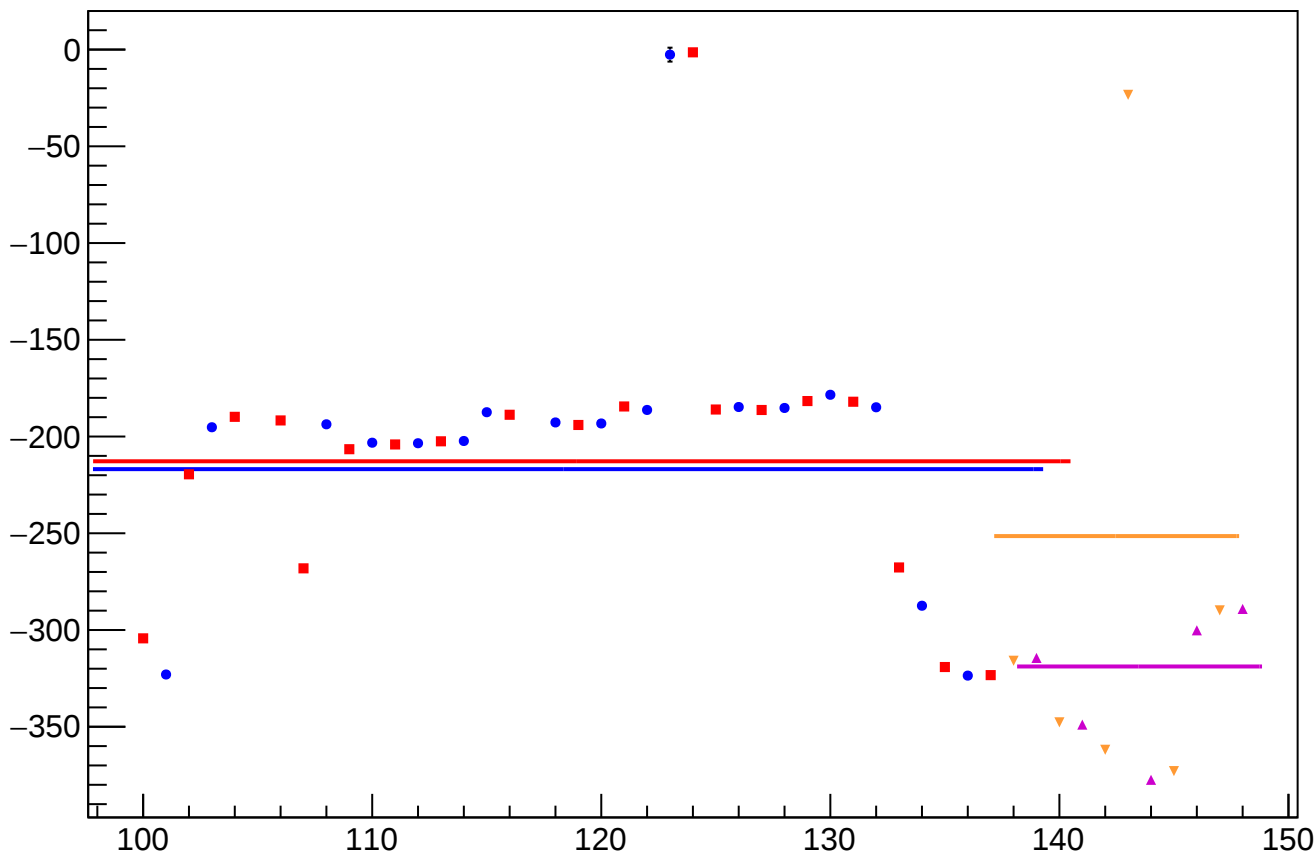
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 120.918 $\pm$ 1.883 χ^2 /NDF:822.7/21

Out: 109.174 $\pm$ 1.853 χ^2 /NDF:1010.1/24

All: 114.952 $\pm$ 1.321 χ^2 /NDF: 1852.6/46

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -251.453+/-0.178 χ^2/NDF : 587446.9/5

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -318.847+/-0.188 χ^2/NDF : 26425.9/4

Left: -283.433+/-0.129 χ^2/NDF : 681572.2/10

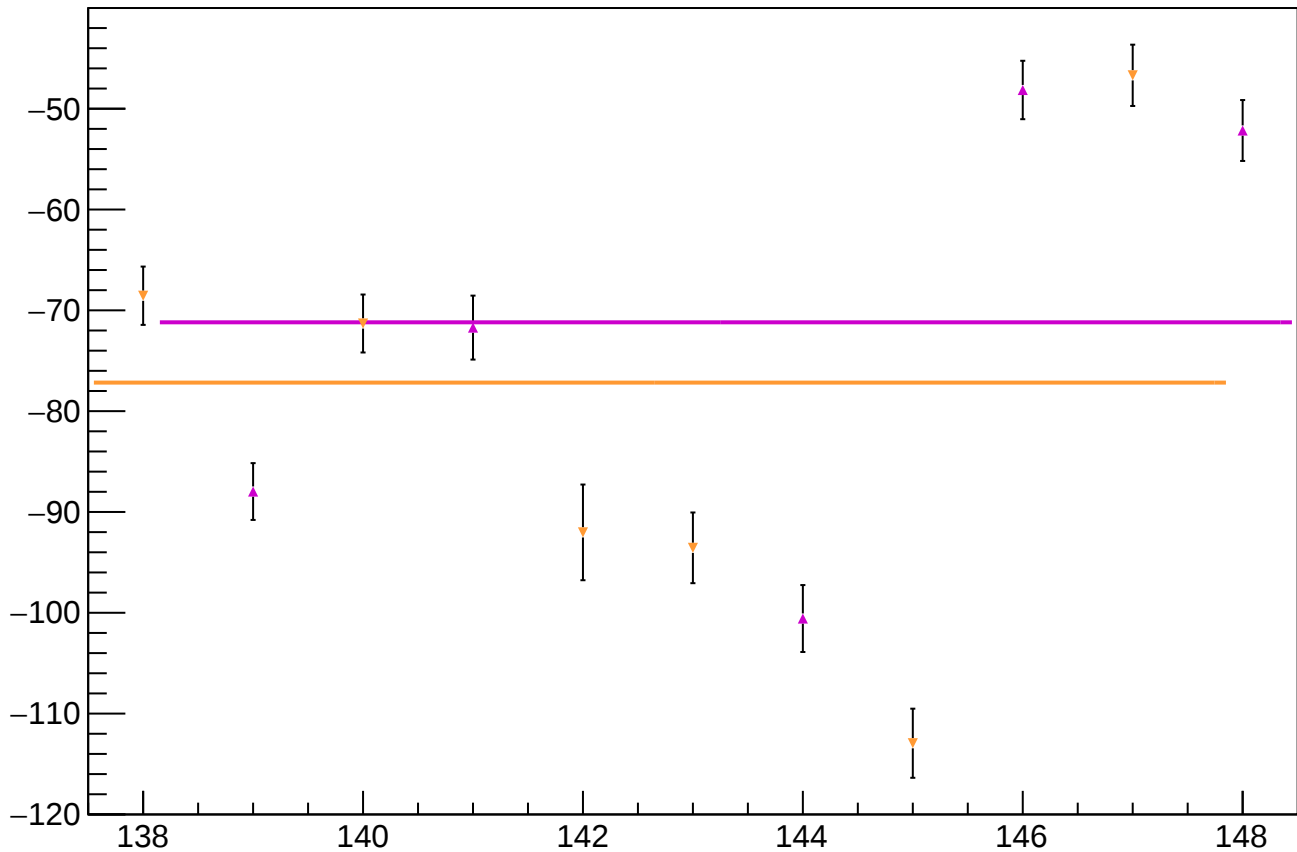
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -251.903+/-0.110 χ^2/NDF : 367021.9/21

Out: -226.208+/-0.105 χ^2/NDF : 734694.7/24

All: -238.463+/-0.076 χ^2/NDF : 1130222.4/46

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -77.167+/-1.337 χ^2/NDF :254.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.188+/-1.355 χ^2/NDF :216.8/4

Left: -74.217+/-0.952 χ^2/NDF : 480.7/10

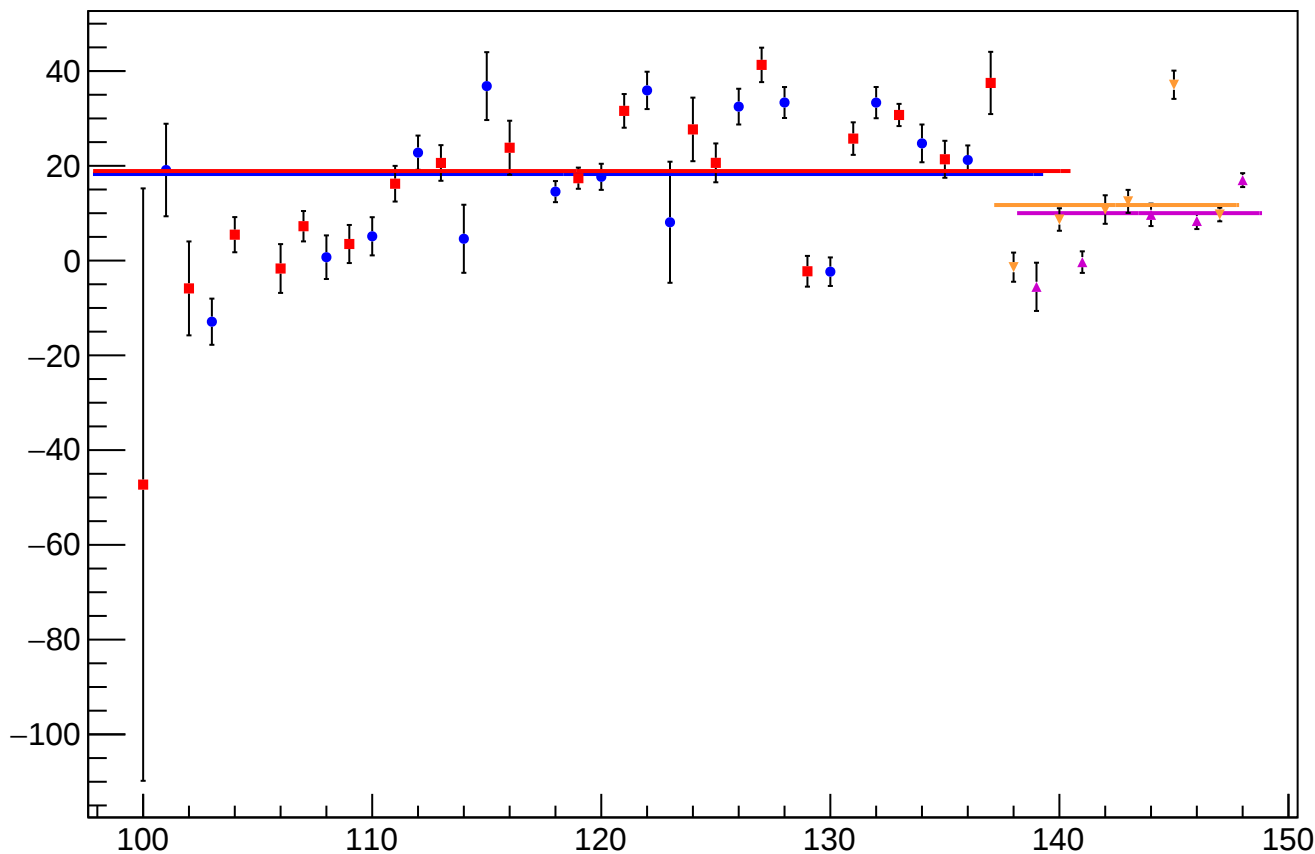
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.188+/-1.355 χ^2/NDF :216.8/4

Out: -77.167+/-1.337 χ^2/NDF :254.1/5

All: -74.217+/-0.952 χ^2/NDF : 480.7/10

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: 11.725 $\pm$ 0.931 χ^2 /NDF:94.4/5

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 10.013 $\pm$ 0.907 χ^2 /NDF:53.4/4

Left: 10.847 $\pm$ 0.649 χ^2 /NDF: 149.6/10

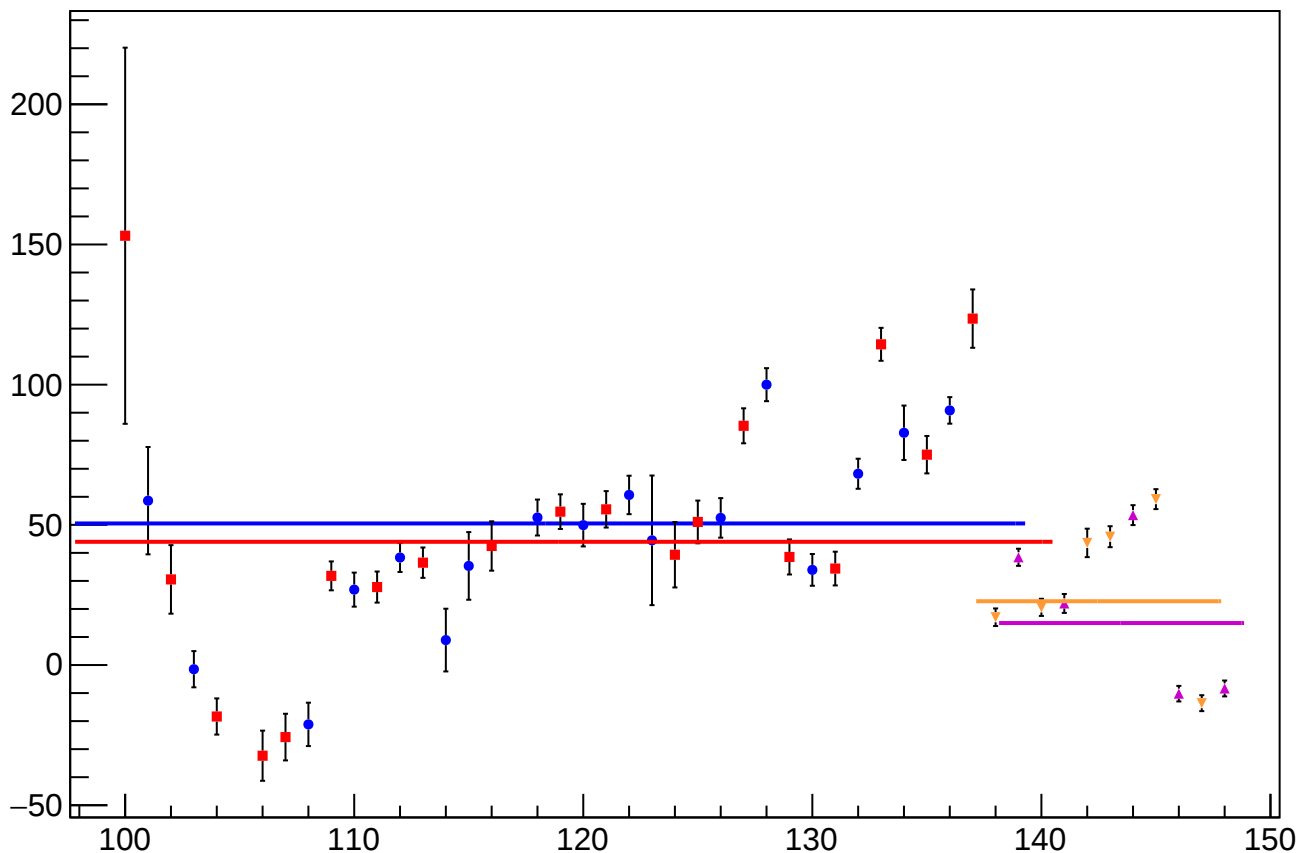
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 14.141 $\pm$ 0.641 χ^2 /NDF:303.2/21

Out: 15.576 $\pm$ 0.633 χ^2 /NDF:325.5/24

All: 14.867 $\pm$ 0.451 χ^2 /NDF: 631.3/46

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 22.759 $\pm$ 1.385 χ^2 /NDF:327.1/5

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: 14.981 $\pm$ 1.374 χ^2 /NDF:331.4/4

Left: 18.840 $\pm$ 0.975 χ^2 /NDF: 674.4/10

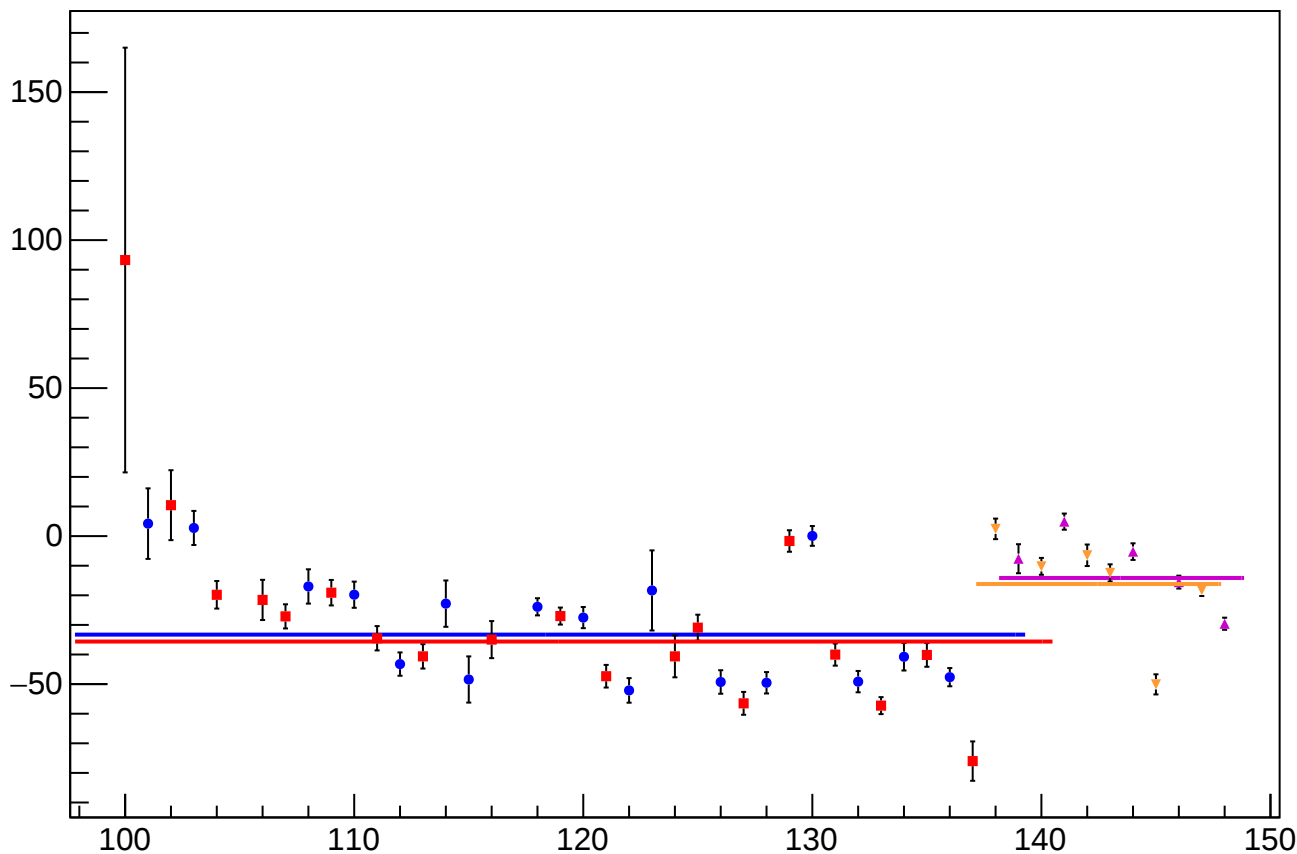
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 29.311 $\pm$ 1.061 χ^2 /NDF:964.2/21

Out: 31.817 $\pm$ 1.048 χ^2 /NDF:961.5/24

All: 30.580 $\pm$ 0.746 χ^2 /NDF: 1928.5/46

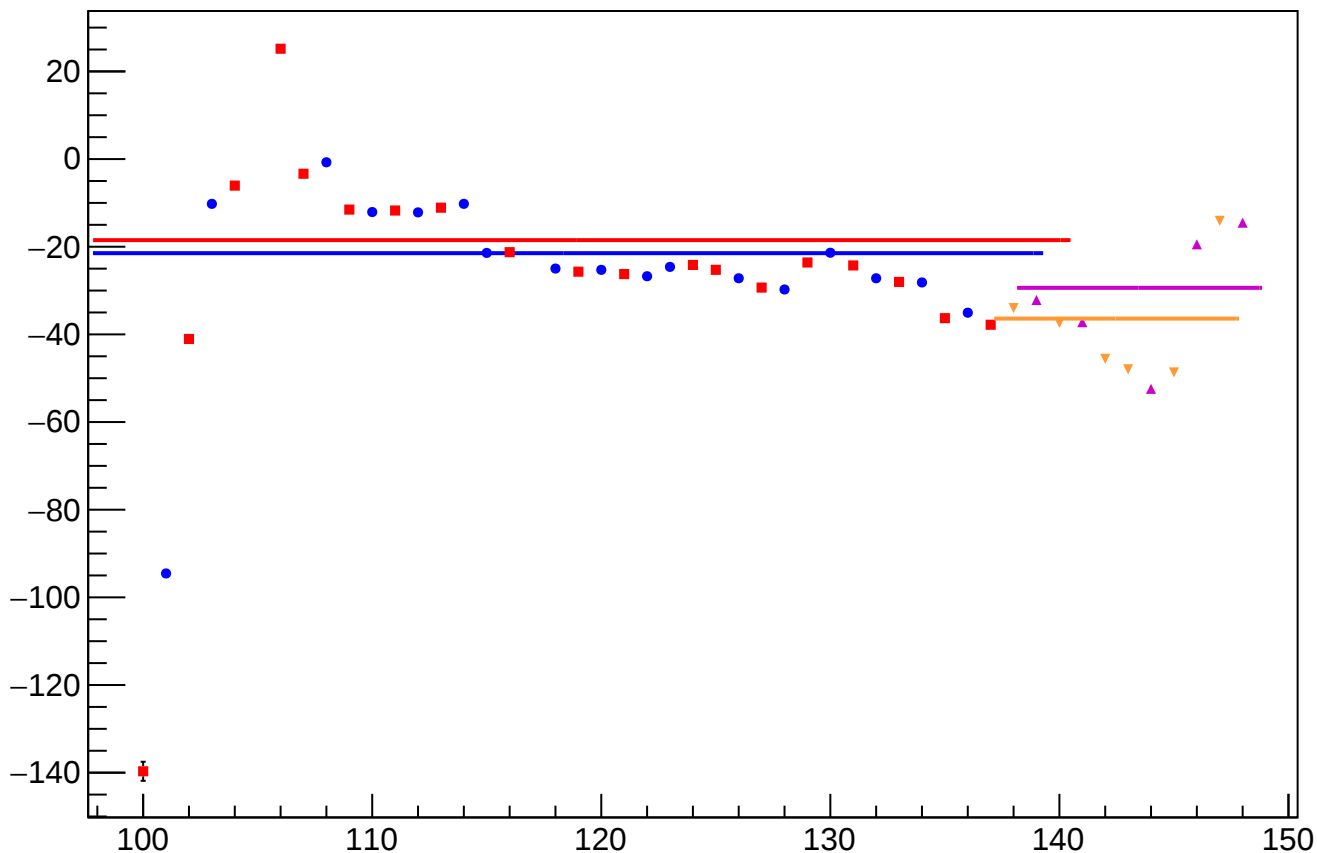
reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16
 Left Out: -16.187 ± 1.163 χ^2/NDF : 142.7/5
 Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18
 Left In: -14.141 ± 1.154 χ^2/NDF : 117.6/4

Left: -15.157 ± 0.819 χ^2/NDF : 261.9/10
 Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35
 In: -24.754 ± 0.771 χ^2/NDF : 562.9/21
 Out: -27.427 ± 0.755 χ^2/NDF : 592.0/24
 All: -26.118 ± 0.539 χ^2/NDF : 1161.1/46

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -36.392+/-0.058 χ^2/NDF : 43963.5/5

Right Out: -18.496+/-0.057 χ^2/NDF : 80700.9/18

Left In: -29.378+/-0.057 χ^2/NDF : 47093.0/4

Left: -32.811+/-0.040 χ^2/NDF : 98551.2/10

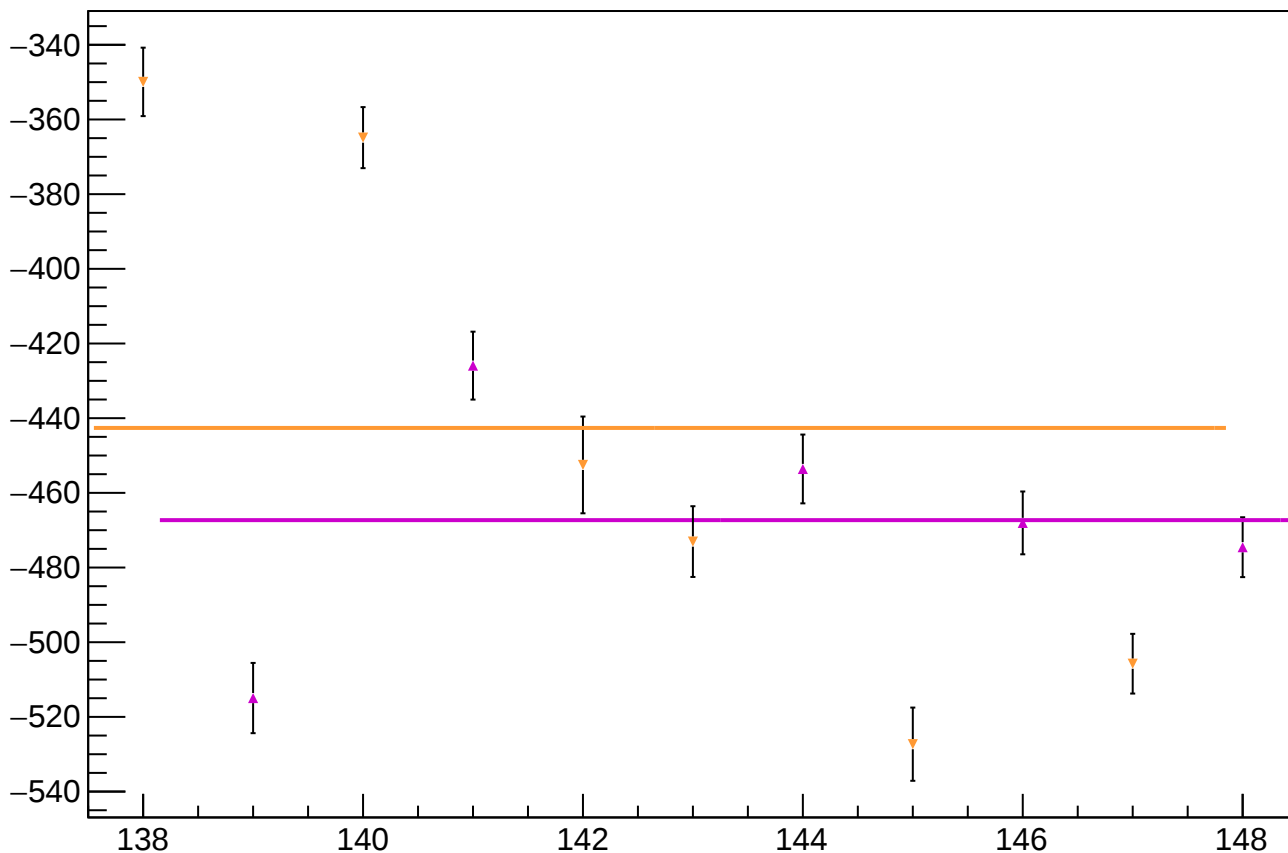
Right: -19.947+/-0.041 χ^2/NDF : 130991.7/35

In: -25.565+/-0.041 χ^2/NDF : 105461.9/21

Out: -27.362+/-0.041 χ^2/NDF : 172890.6/24

All: -26.464+/-0.029 χ^2/NDF : 279324.5/46

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -442.611 ± 3.779 $\chi^2/\text{NDF}: 340.6/5$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -467.305 ± 3.927 $\chi^2/\text{NDF}: 49.4/4$

Left: -454.486 ± 2.723 $\chi^2/\text{NDF}: 410.5/10$

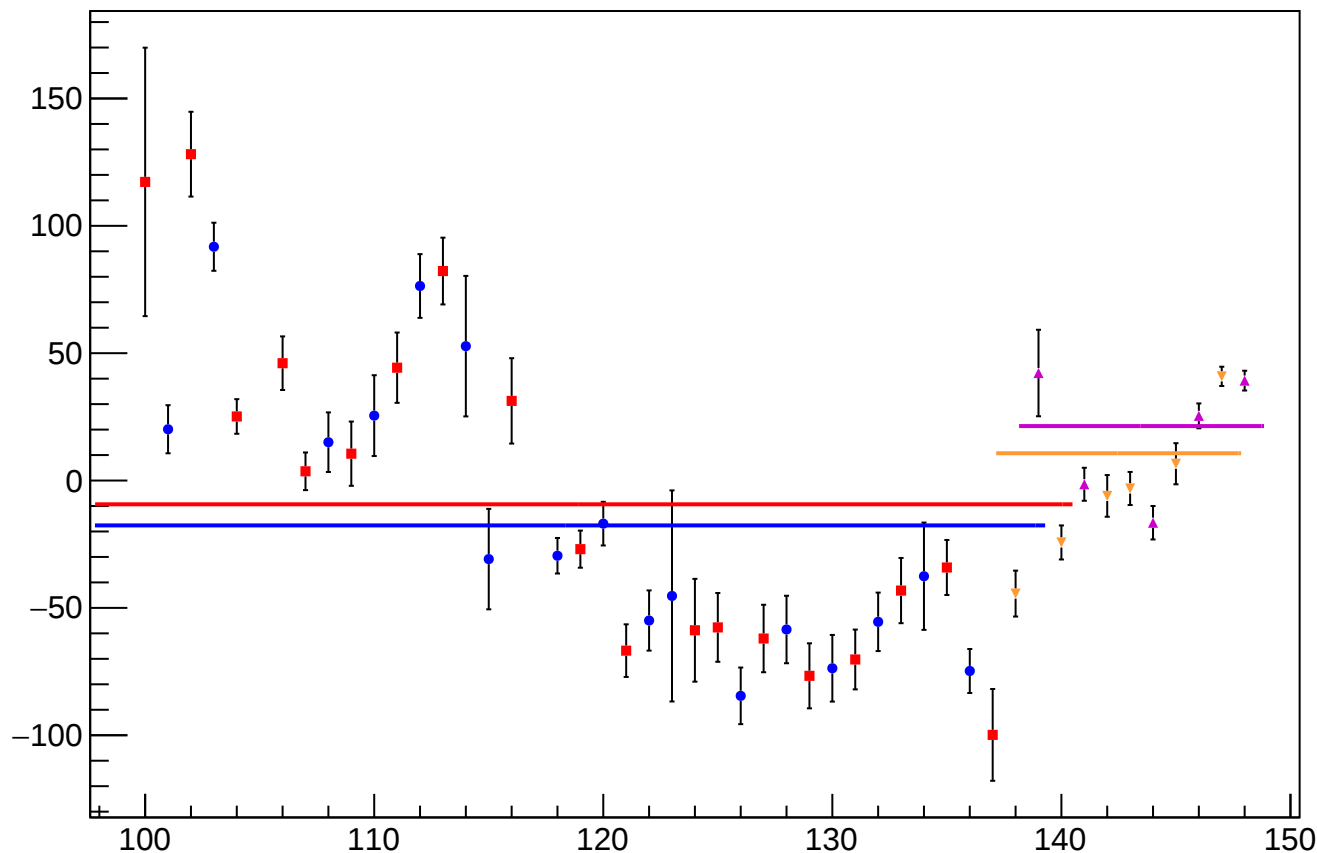
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -467.305 ± 3.927 $\chi^2/\text{NDF}: 49.4/4$

Out: -442.611 ± 3.779 $\chi^2/\text{NDF}: 340.6/5$

All: -454.486 ± 2.723 $\chi^2/\text{NDF}: 410.5/10$

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: 10.714 ± 2.513 $\chi^2/\text{NDF}: 137.3/5$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 21.385 ± 2.509 $\chi^2/\text{NDF}: 69.1/4$

Left: 16.056 ± 1.776 $\chi^2/\text{NDF}: 215.4/10$

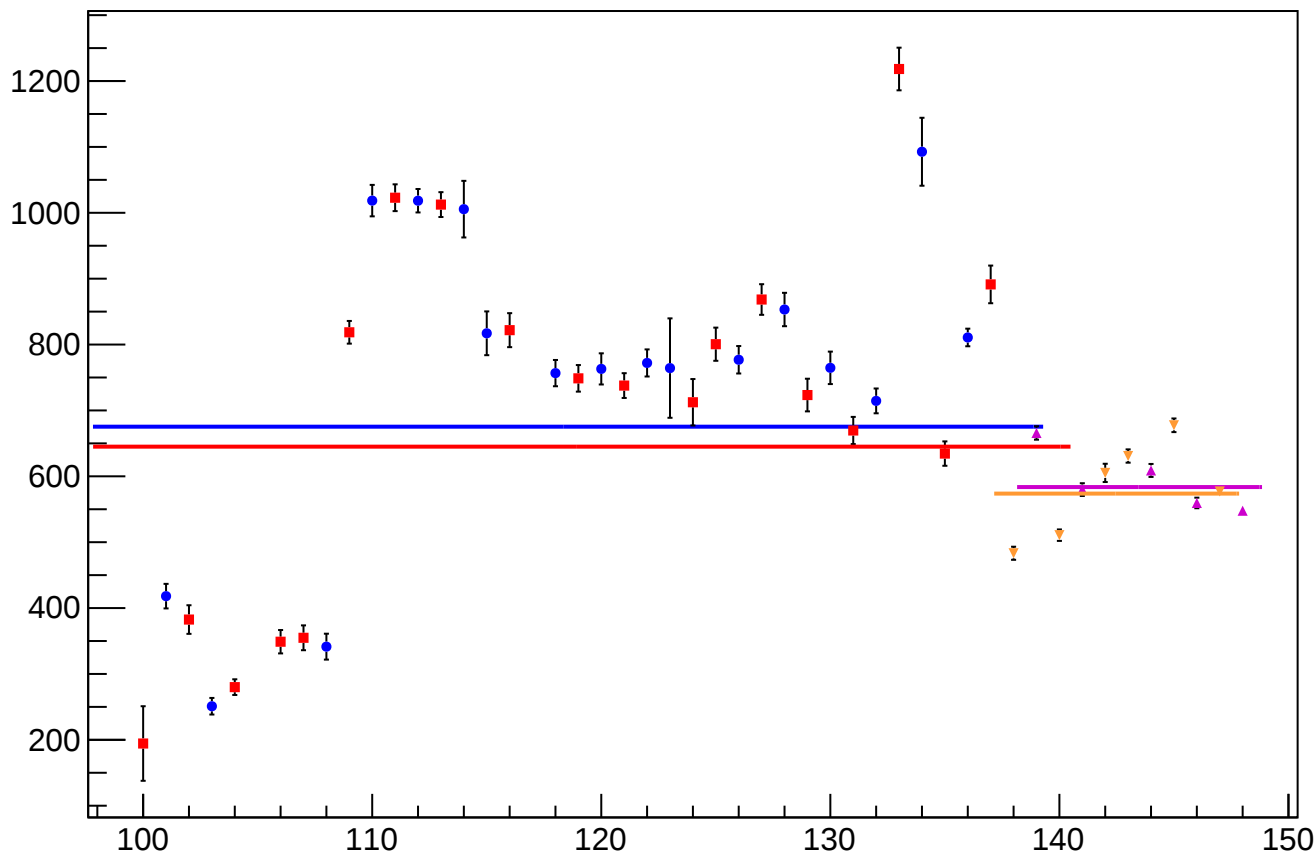
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 3.916 ± 1.865 $\chi^2/\text{NDF}: 539.3/21$

Out: 1.070 ± 1.810 $\chi^2/\text{NDF}: 534.4/24$

All: 2.451 ± 1.299 $\chi^2/\text{NDF}: 1074.9/46$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 573.754 ± 3.904 χ^2/NDF : 273.3/5

Right Out: 645.022 ± 4.758 χ^2/NDF : 3122.8/18

Left In: 583.688 ± 3.958 χ^2/NDF : 103.6/4

Left: 578.652 ± 2.779 χ^2/NDF : 380.2/10

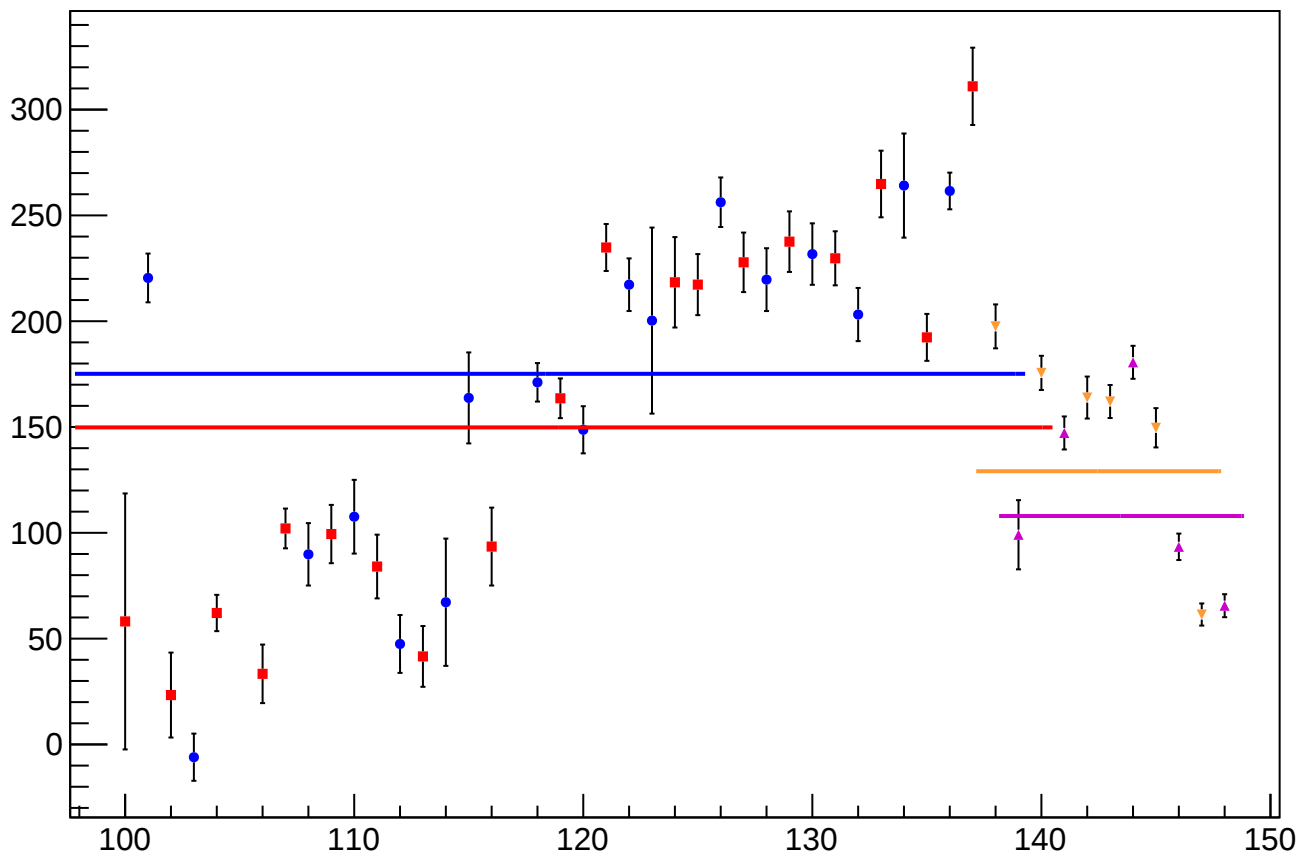
Right: 659.291 ± 3.462 χ^2/NDF : 5724.6/35

In: 618.601 ± 3.114 χ^2/NDF : 2890.6/21

Out: 602.429 ± 3.018 χ^2/NDF : 3530.2/24

All: 610.261 ± 2.167 χ^2/NDF : 6434.7/46

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: 129.111 $\pm$ 3.172 χ^2 /NDF:279.5/5

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 107.940 $\pm$ 3.225 χ^2 /NDF:178.8/4

Left: 118.702 $\pm$ 2.261 χ^2 /NDF: 480.2/10

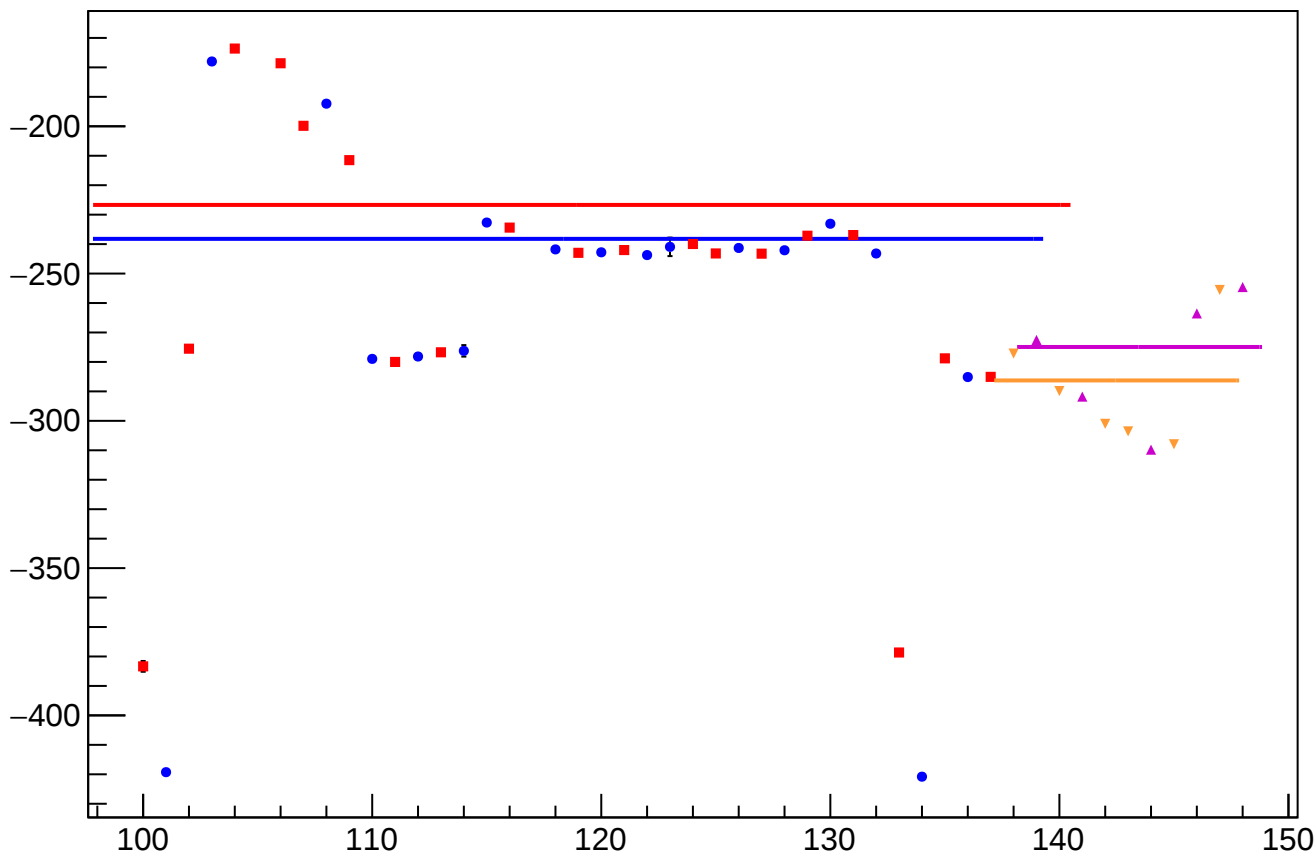
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 141.707 $\pm$ 2.275 χ^2 /NDF:1032.6/21

Out: 139.900 $\pm$ 2.195 χ^2 /NDF:990.2/24

All: 140.772 $\pm$ 1.580 χ^2 /NDF: 2023.1/46

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2 /NDF: 167098.2/16

Left Out: -286.281+/-0.165 χ^2 /NDF:13571.5/5

Right Out: -226.696+/-0.151 χ^2 /NDF: 102814.8/18

Left In: -274.923+/-0.165 χ^2 /NDF:13376.5/4

Left: -280.607+/-0.117 χ^2 /NDF: 29308.2/10

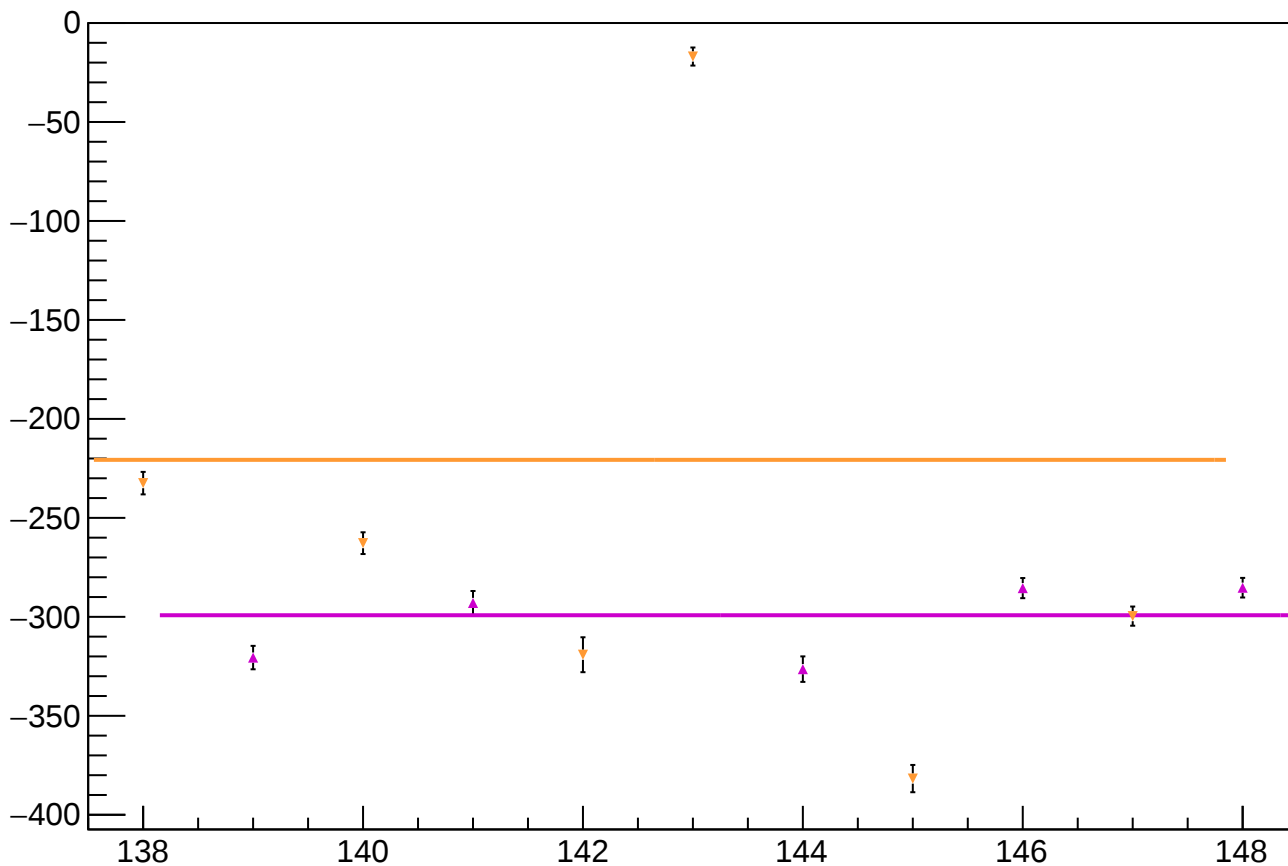
Right: -232.123+/-0.110 χ^2 /NDF: 272653.1/35

In: -255.969+/-0.115 χ^2 /NDF:205909.1/21

Out: -253.821+/-0.111 χ^2 /NDF:187220.5/24

All: -254.862+/-0.080 χ^2 /NDF: 393309.5/46

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -220.686 ± 2.302 χ^2/NDF : 2993.6/5

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -299.190 ± 2.503 χ^2/NDF : 47.2/4

Left: -256.655 ± 1.694 χ^2/NDF : 3573.6/10

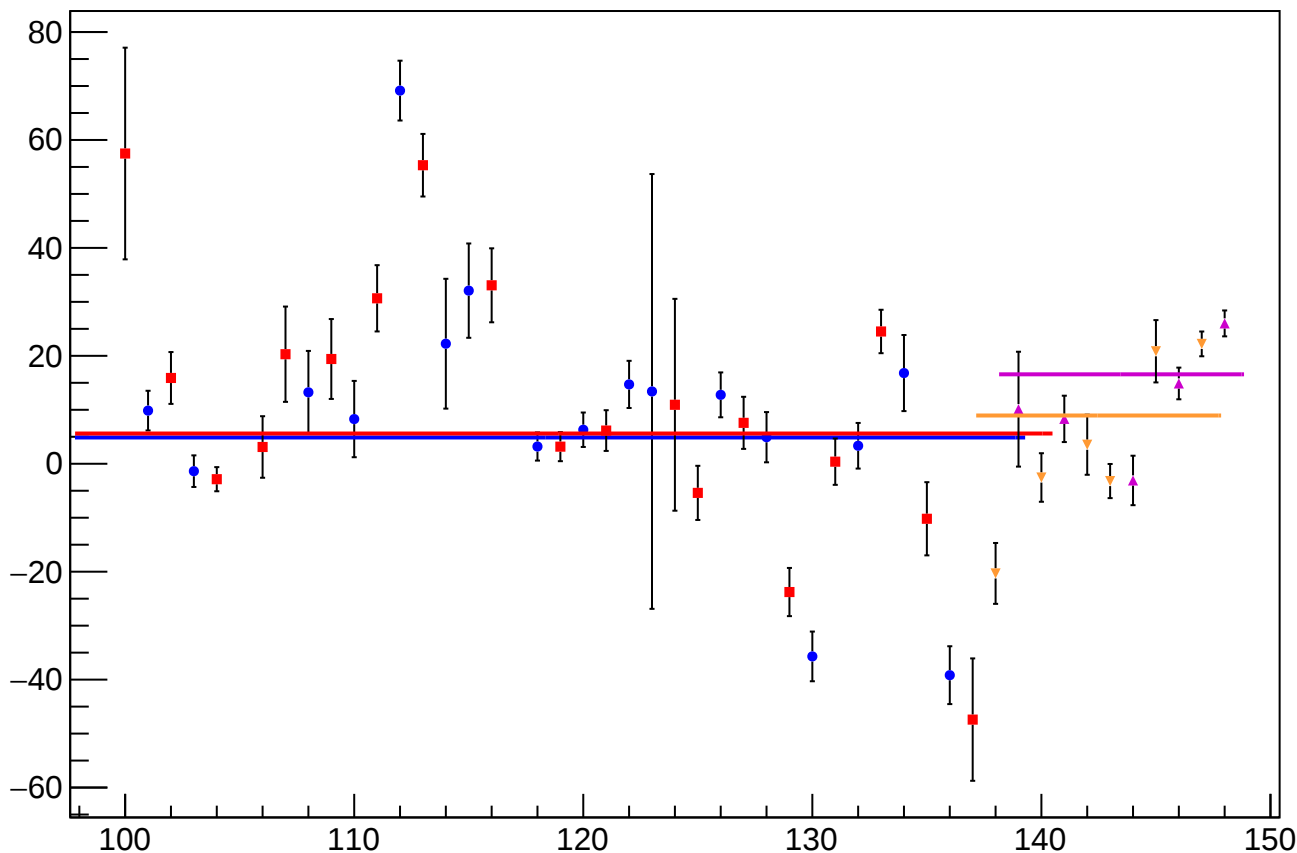
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -299.190 ± 2.503 χ^2/NDF : 47.2/4

Out: -220.686 ± 2.302 χ^2/NDF : 2993.6/5

All: -256.655 ± 1.694 χ^2/NDF : 3573.6/10

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 8.943 ± 1.520 χ^2/NDF : 86.8/5

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 16.574 ± 1.581 χ^2/NDF : 38.3/4

Left: 12.609 ± 1.096 χ^2/NDF : 137.2/10

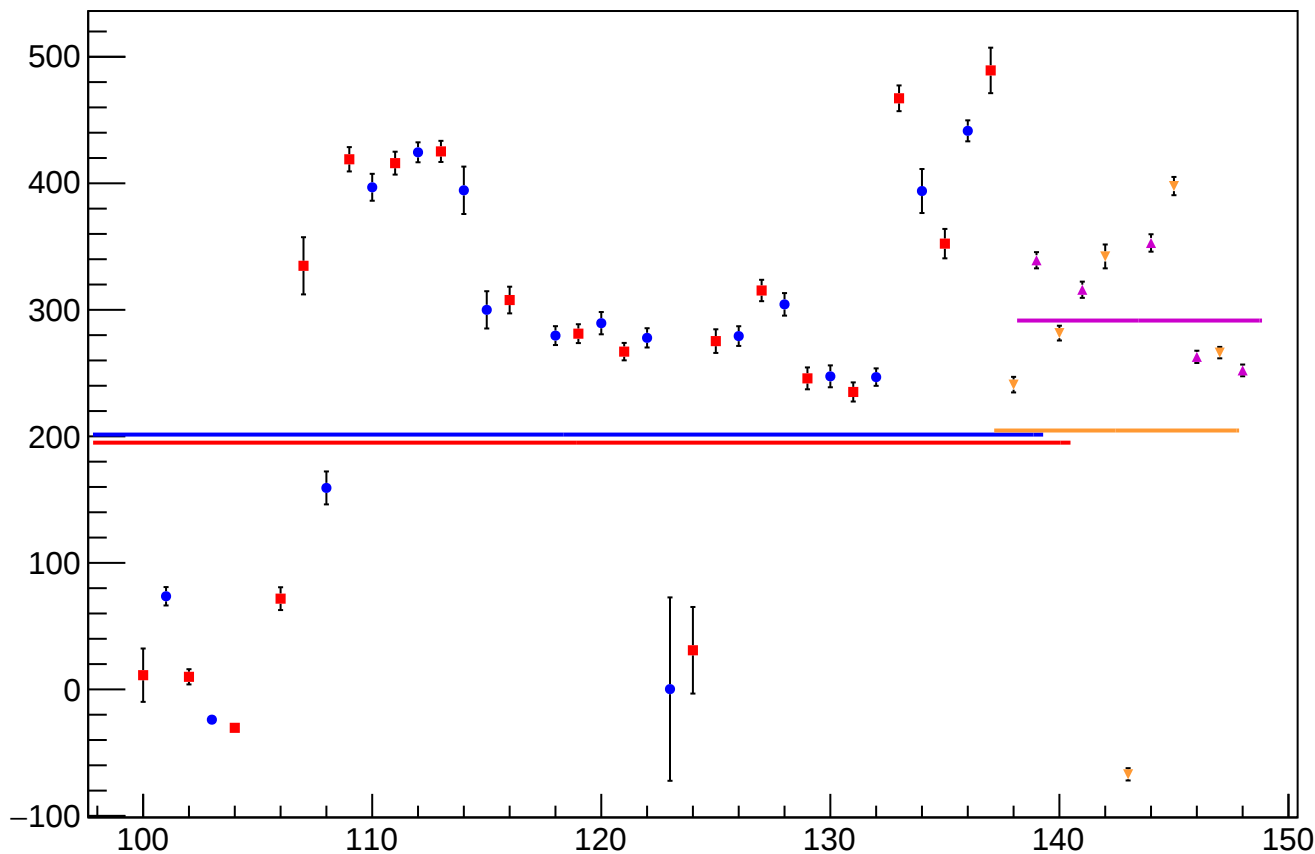
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 8.645 ± 0.898 χ^2/NDF : 387.0/21

Out: 6.710 ± 0.875 χ^2/NDF : 328.6/24

All: 7.652 ± 0.626 χ^2/NDF : 717.9/46

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: 204.622 $\pm$ 2.376 χ^2 /NDF:4438.7/5

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 291.539 $\pm$ 2.511 χ^2 /NDF:255.9/4

Left: 245.676 $\pm$ 1.726 χ^2 /NDF: 5326.6/10

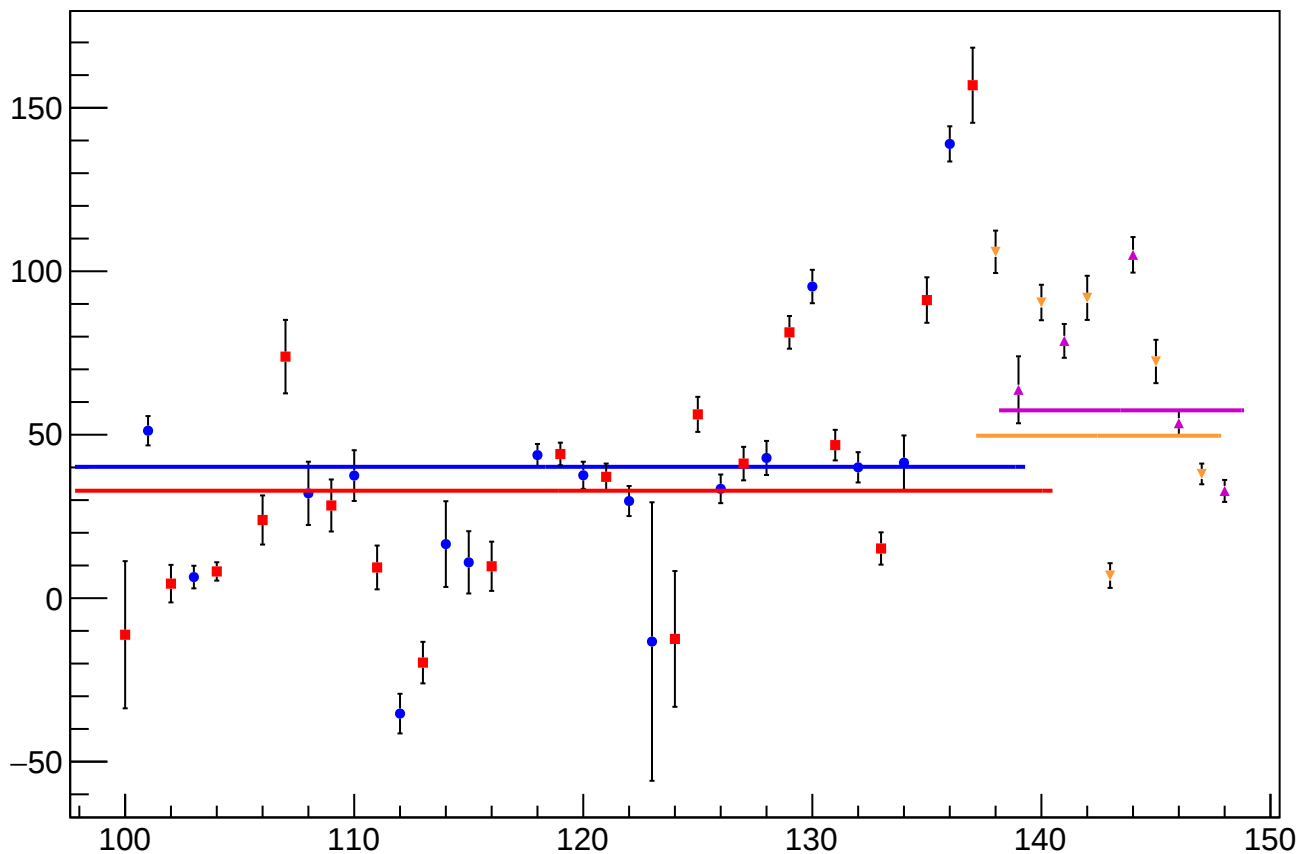
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 235.818 $\pm$ 1.552 χ^2 /NDF:7792.6/21

Out: 198.823 $\pm$ 1.495 χ^2 /NDF:12703.2/24

All: 216.630 $\pm$ 1.077 χ^2 /NDF: 20790.6/46

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: 49.705+/-1.916 χ^2/NDF :324.2/5

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 57.457+/-2.042 χ^2/NDF :148.7/4

Left: 53.336+/-1.397 χ^2/NDF : 480.5/10

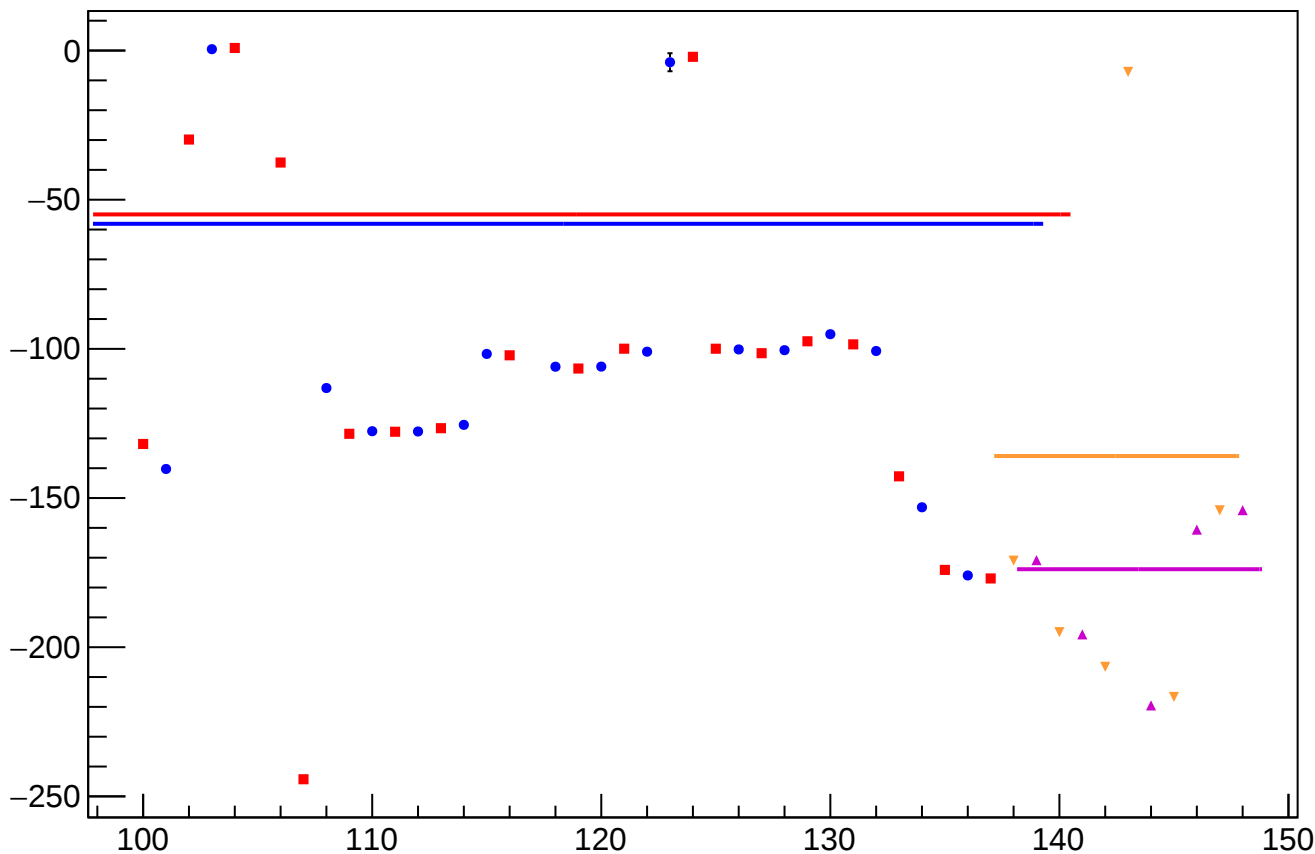
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 45.001+/-1.078 χ^2/NDF :934.3/21

Out: 37.901+/-1.047 χ^2/NDF :929.3/24

All: 41.348+/-0.751 χ^2/NDF : 1885.9/46

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -135.923+/-0.100 χ^2/NDF : 630569.1/5

Right Out: -54.929+/-0.060 χ^2/NDF : 1003908.6/18

Left In: -173.858+/-0.105 χ^2/NDF : 43546.7/4

Left: -154.009+/-0.073 χ^2/NDF : 742413.2/10

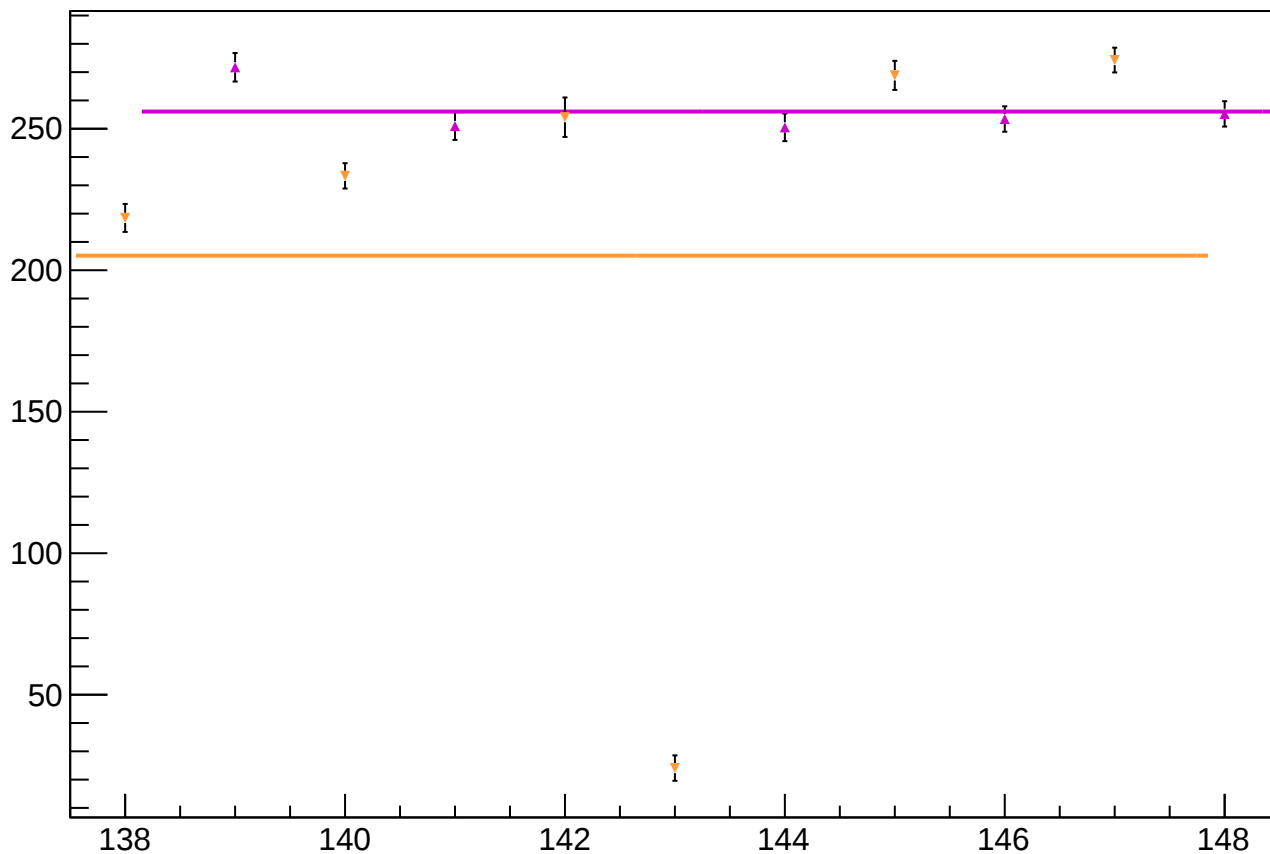
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -87.737+/-0.053 χ^2/NDF : 2052384.8/21

Out: -76.403+/-0.052 χ^2/NDF : 2114383.4/24

All: -81.904+/-0.037 χ^2/NDF : 4190175.3/46

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: 205.159+/-1.996 χ^2/NDF :2124.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 256.063+/-2.120 χ^2/NDF :12.4/4

Left: 229.080+/-1.453 χ^2/NDF : 2442.5/10

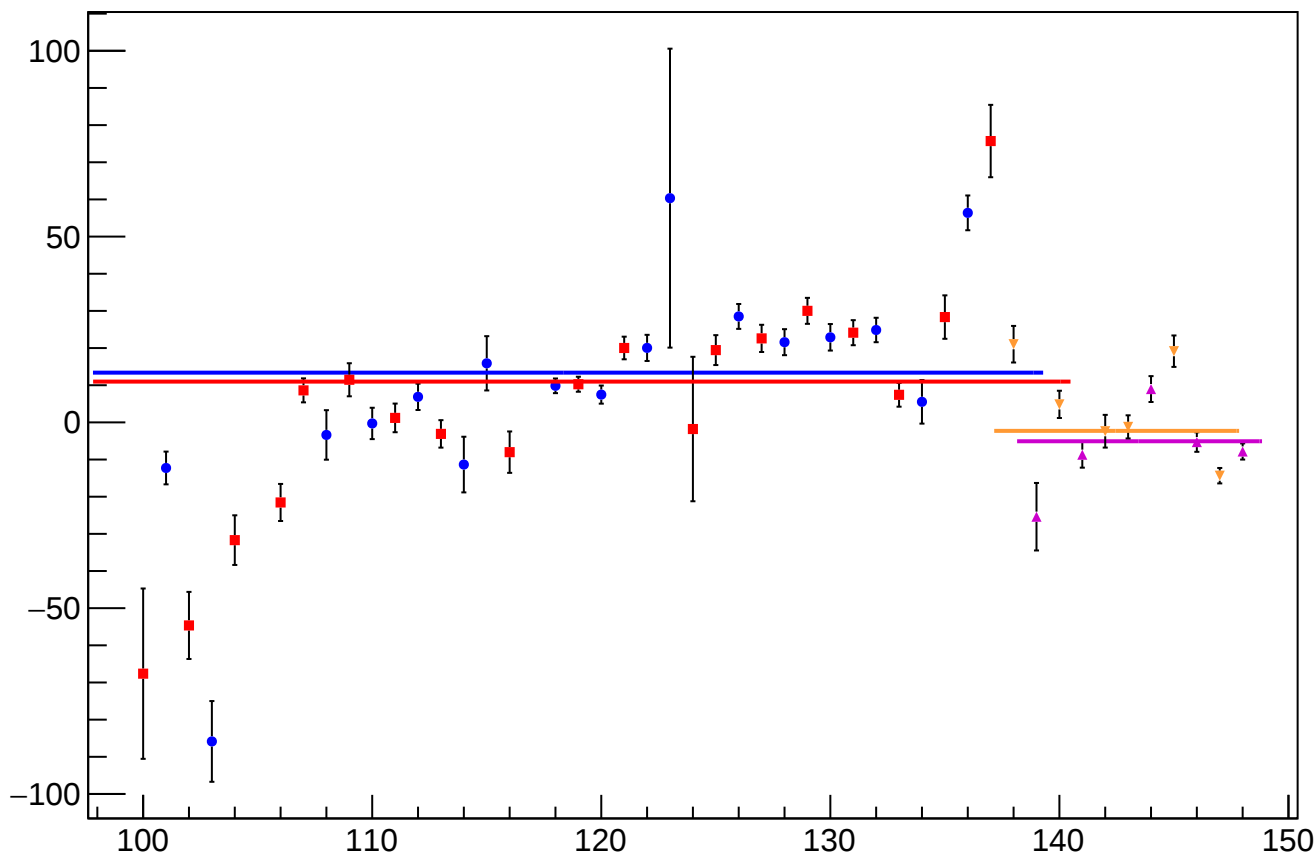
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.063+/-2.120 χ^2/NDF :12.4/4

Out: 205.159+/-1.996 χ^2/NDF :2124.5/5

All: 229.080+/-1.453 χ^2/NDF : 2442.5/10

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -2.285 ± 1.339 $\chi^2/\text{NDF}: 85.8/5$

Right Out: 10.975 ± 0.915 $\chi^2/\text{NDF}: 304.0/18$

Left In: -5.080 ± 1.368 $\chi^2/\text{NDF}: 24.0/4$

Left: -3.652 ± 0.957 $\chi^2/\text{NDF}: 111.9/10$

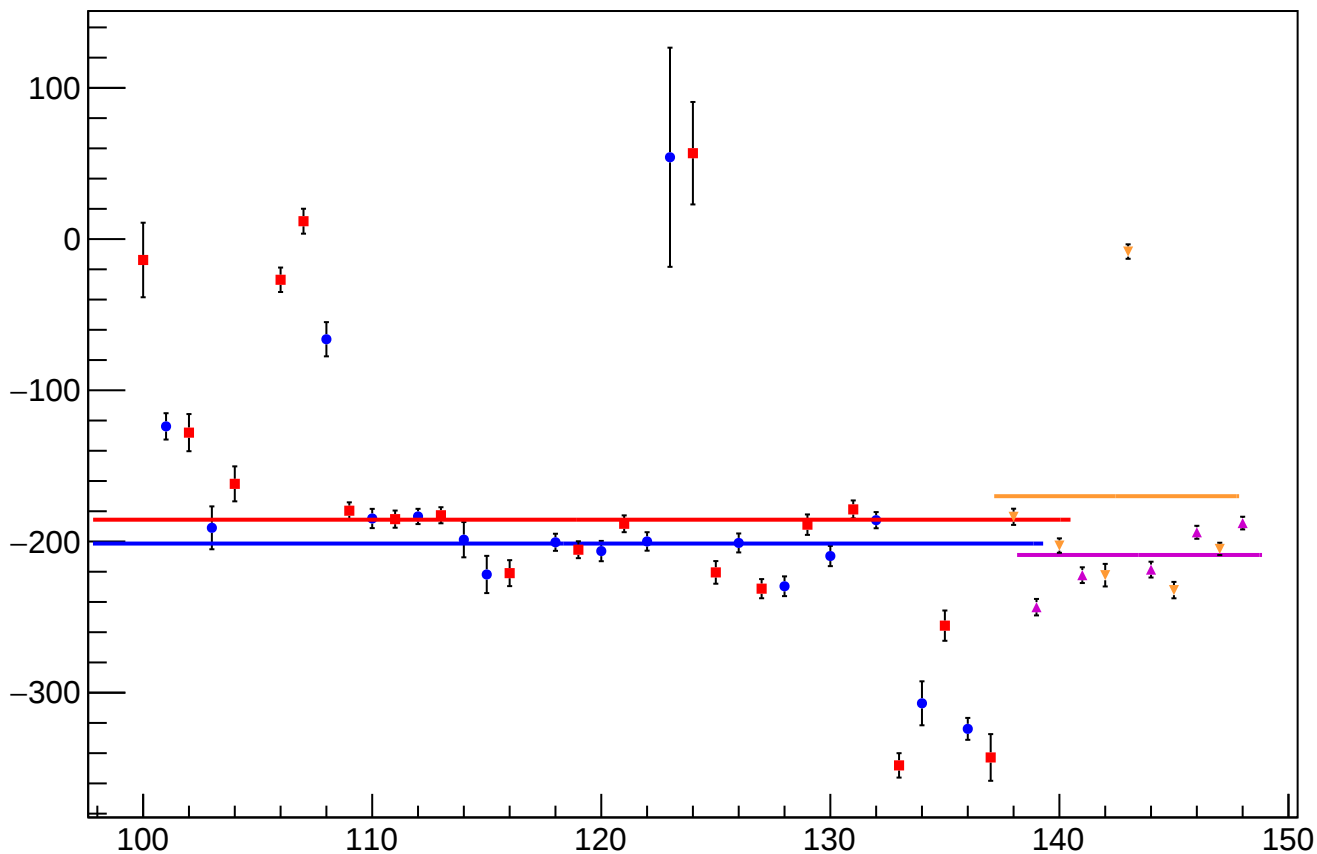
Right: 12.172 ± 0.649 $\chi^2/\text{NDF}: 601.5/35$

In: 7.626 ± 0.764 $\chi^2/\text{NDF}: 443.4/21$

Out: 6.755 ± 0.755 $\chi^2/\text{NDF}: 456.7/24$

All: 7.185 ± 0.537 $\chi^2/\text{NDF}: 900.7/46$

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: -170.042 ± 2.067 χ^2/NDF : 1446.7/5

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -208.915 ± 2.141 χ^2/NDF : 87.6/4

Left: -188.793 ± 1.487 χ^2/NDF : 1705.0/10

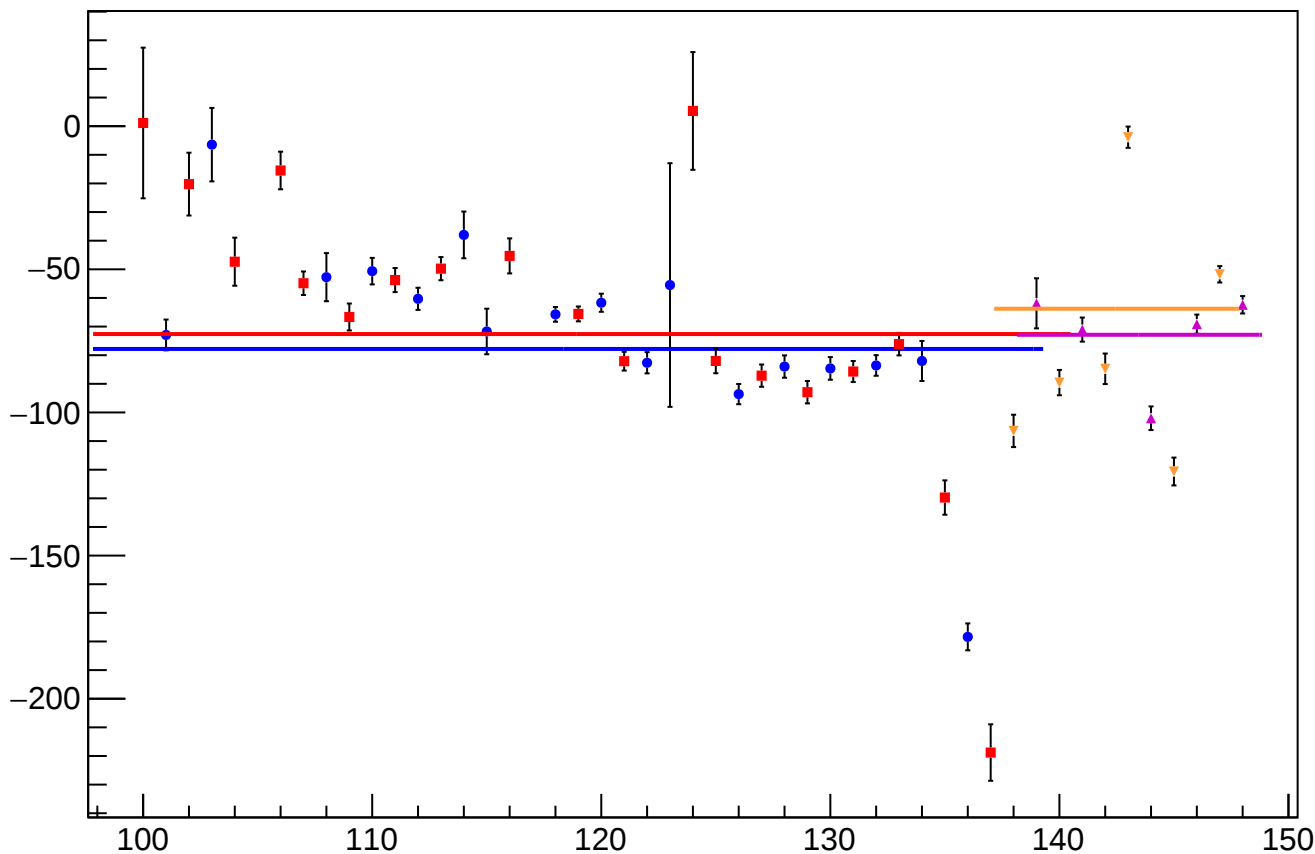
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -204.460 ± 1.370 χ^2/NDF : 720.0/21

Out: -179.318 ± 1.313 χ^2/NDF : 3228.7/24

All: -191.347 ± 0.948 χ^2/NDF : 4124.2/46

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -63.766 ± 1.680 $\chi^2/\text{NDF}: 520.3/5$

Right Out: -72.616 ± 1.053 $\chi^2/\text{NDF}: 606.8/18$

Left In: -72.870 ± 1.753 $\chi^2/\text{NDF}: 64.8/4$

Left: -68.126 ± 1.213 $\chi^2/\text{NDF}: 599.1/10$

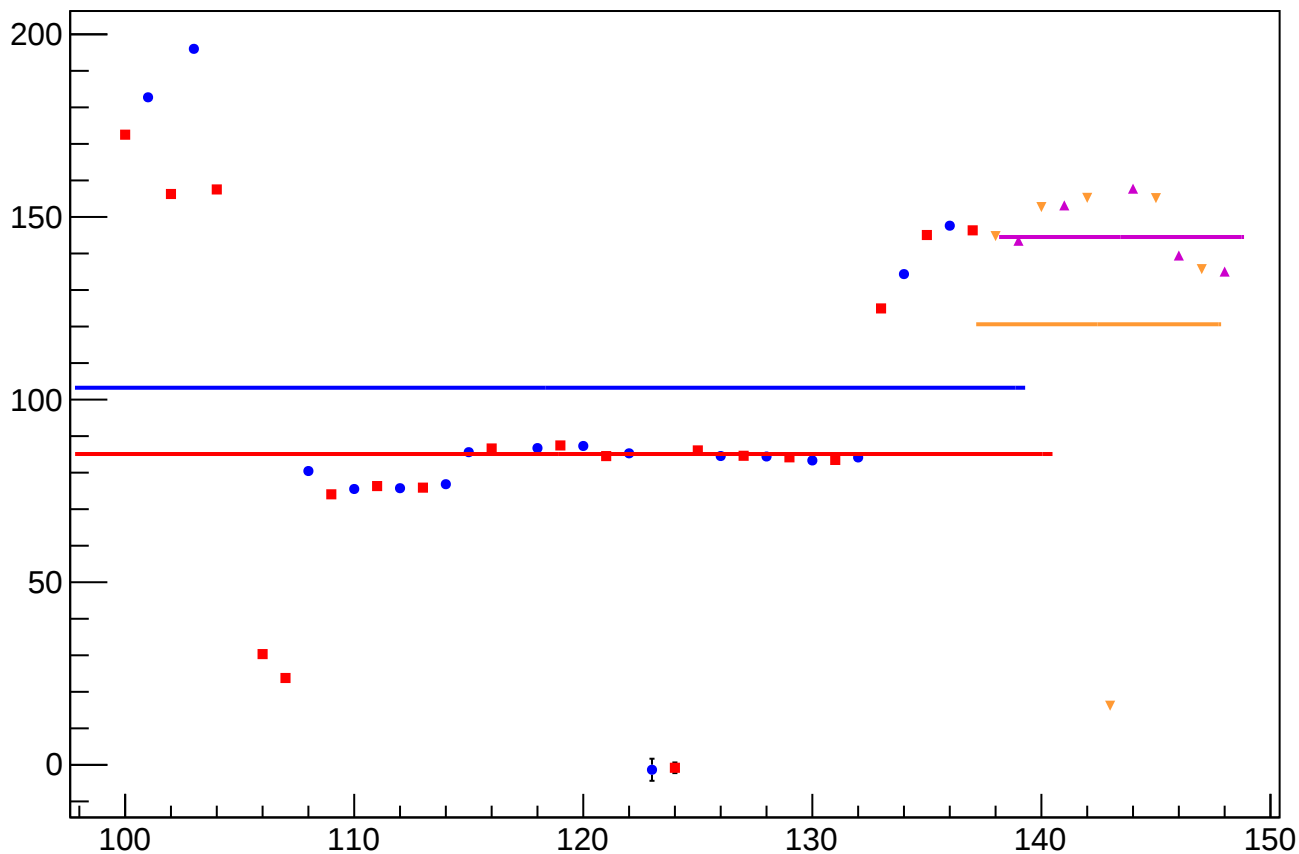
Right: -75.179 ± 0.750 $\chi^2/\text{NDF}: 1275.2/35$

In: -76.478 ± 0.912 $\chi^2/\text{NDF}: 726.9/21$

Out: -70.121 ± 0.892 $\chi^2/\text{NDF}: 1147.1/24$

All: -73.230 ± 0.638 $\chi^2/\text{NDF}: 1898.8/46$

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: 120.622 $\pm$ 0.087 χ^2 /NDF: 377272.2/5

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 144.514 $\pm$ 0.089 χ^2 /NDF: 8497.4/4

Left: 132.230 $\pm$ 0.062 χ^2 /NDF: 422468.5/10

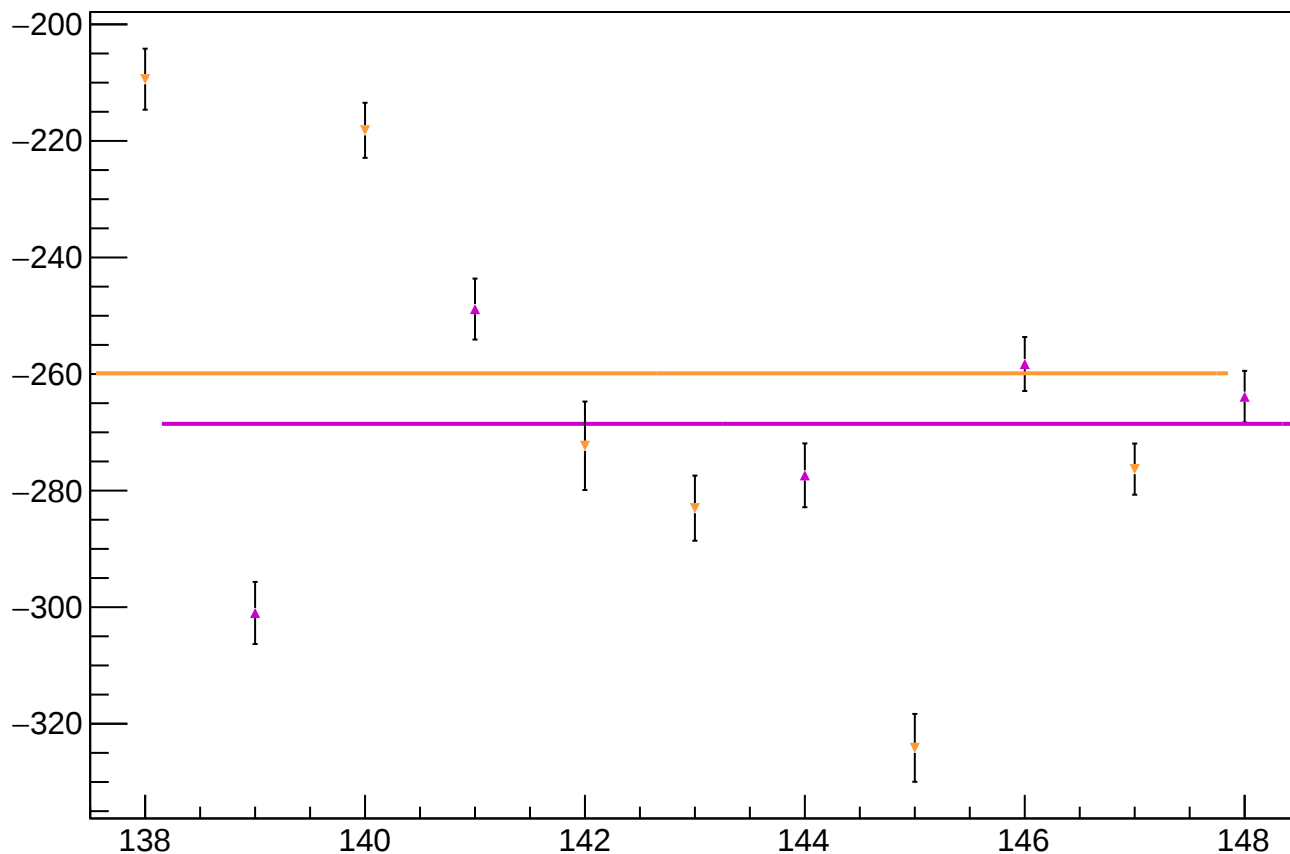
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 119.053 $\pm$ 0.055 χ^2 /NDF: 413269.5/21

Out: 97.515 $\pm$ 0.051 χ^2 /NDF: 909394.3/24

All: 107.486 $\pm$ 0.038 χ^2 /NDF: 1403990.3/46

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: -259.874+/-2.172 χ^2/NDF : 326.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -268.542+/-2.222 χ^2/NDF : 59.8/4

Left: -264.110+/-1.553 χ^2/NDF : 393.9/10

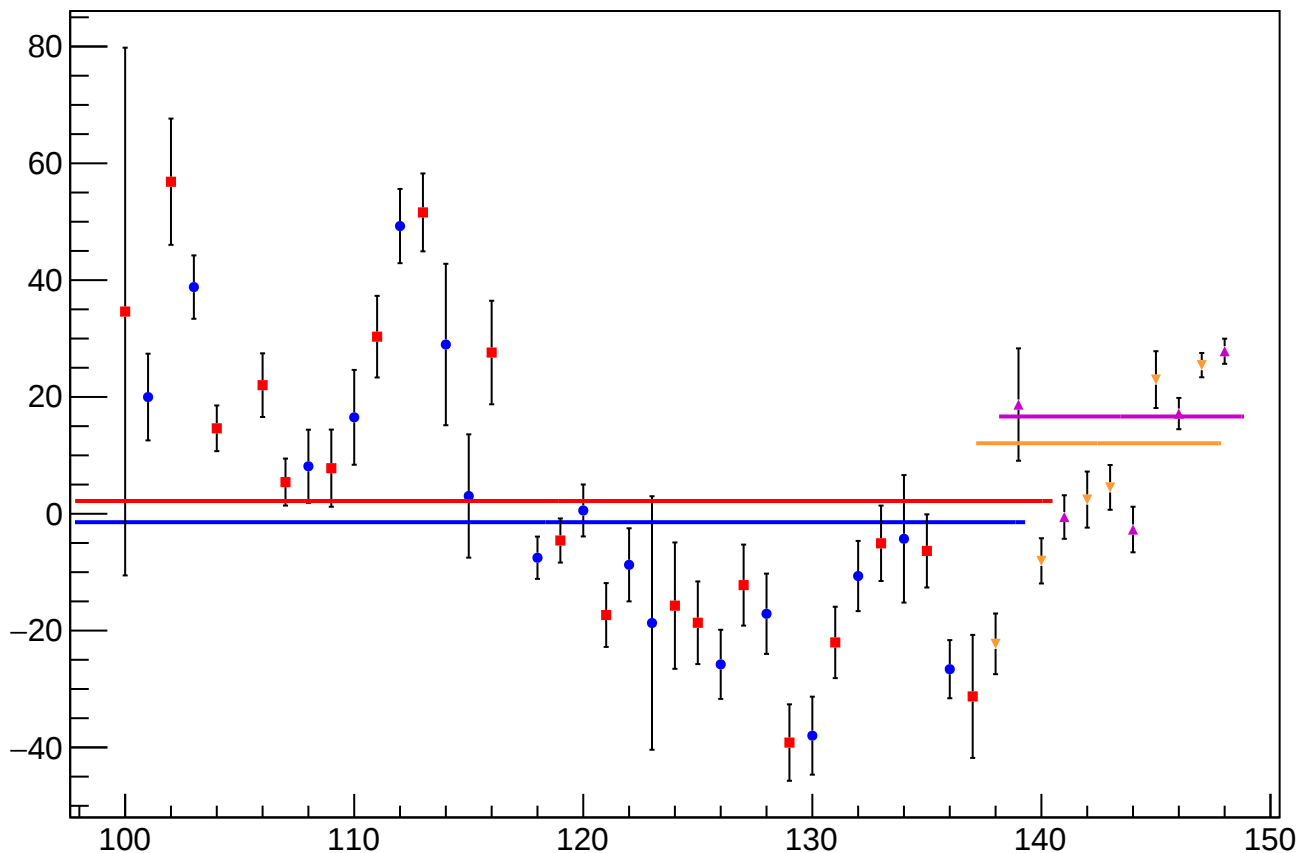
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -268.542+/-2.222 χ^2/NDF : 59.8/4

Out: -259.874+/-2.172 χ^2/NDF : 326.3/5

All: -264.110+/-1.553 χ^2/NDF : 393.9/10

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 12.073 ± 1.431 $\chi^2/\text{NDF}: 125.0/5$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 16.655 ± 1.408 $\chi^2/\text{NDF}: 73.0/4$

Left: 14.400 ± 1.004 $\chi^2/\text{NDF}: 203.2/10$

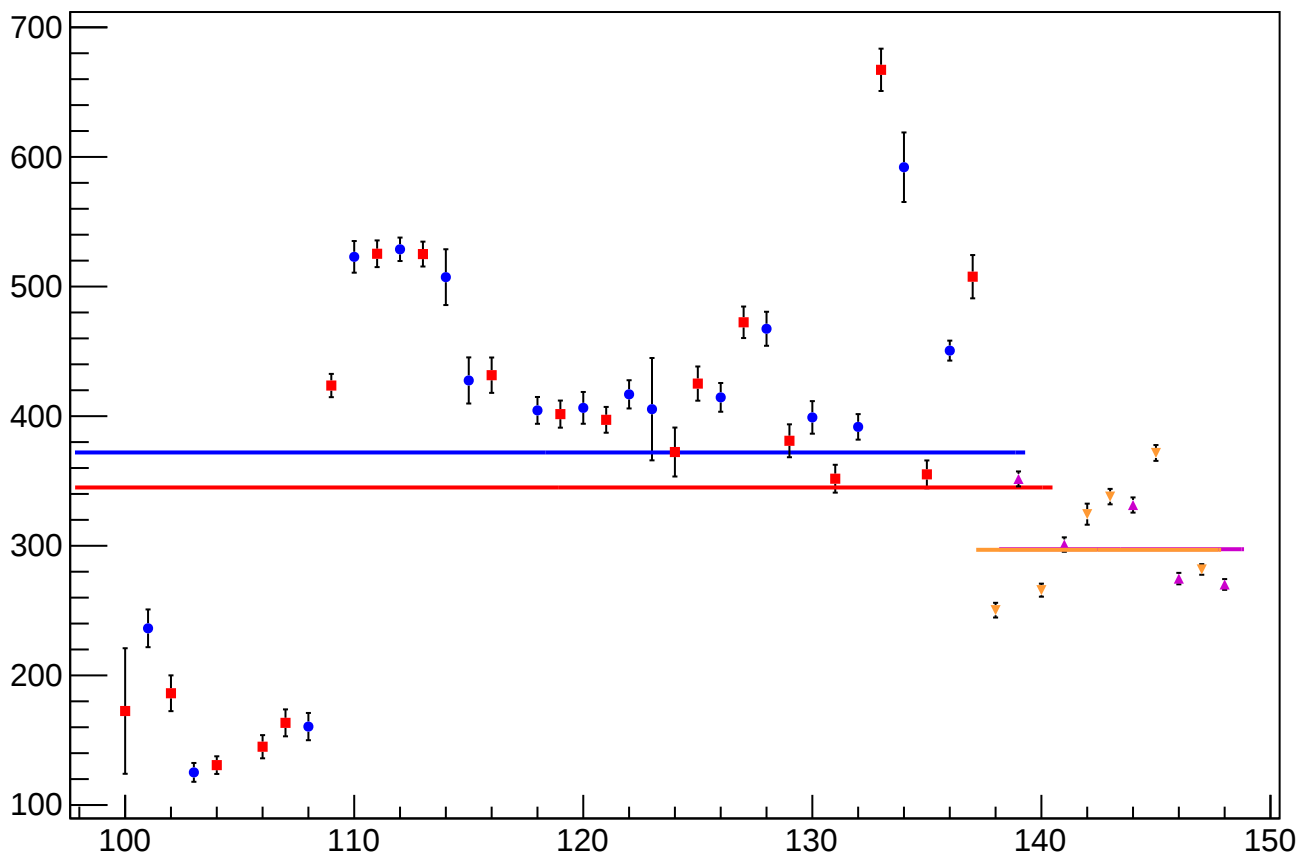
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 8.274 ± 1.032 $\chi^2/\text{NDF}: 373.9/21$

Out: 7.024 ± 1.001 $\chi^2/\text{NDF}: 380.1/24$

All: 7.630 ± 0.718 $\chi^2/\text{NDF}: 754.7/46$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 296.898 $\pm$ 2.236 χ^2 /NDF:327.7/5

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 297.355 $\pm$ 2.233 χ^2 /NDF:191.6/4

Left: 297.127 $\pm$ 1.580 χ^2 /NDF: 519.3/10

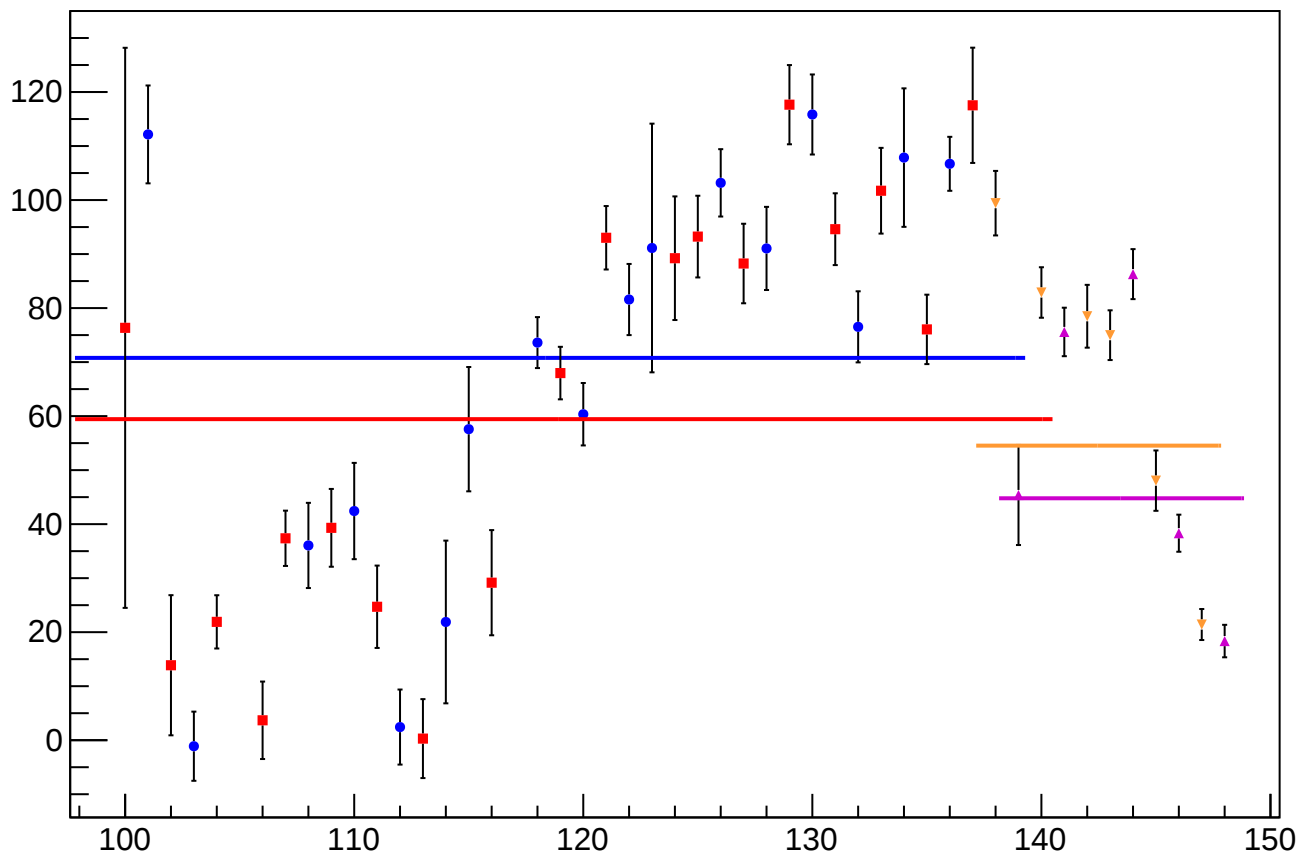
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 326.826 $\pm$ 1.737 χ^2 /NDF:3063.9/21

Out: 317.698 $\pm$ 1.684 χ^2 /NDF:3942.2/24

All: 322.120 $\pm$ 1.209 χ^2 /NDF: 7020.4/46

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: 54.535 $\pm$ 1.814 χ^2 /NDF:264.5/5

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 44.787 $\pm$ 1.815 χ^2 /NDF:208.3/4

Left: 49.665 $\pm$ 1.283 χ^2 /NDF: 487.2/10

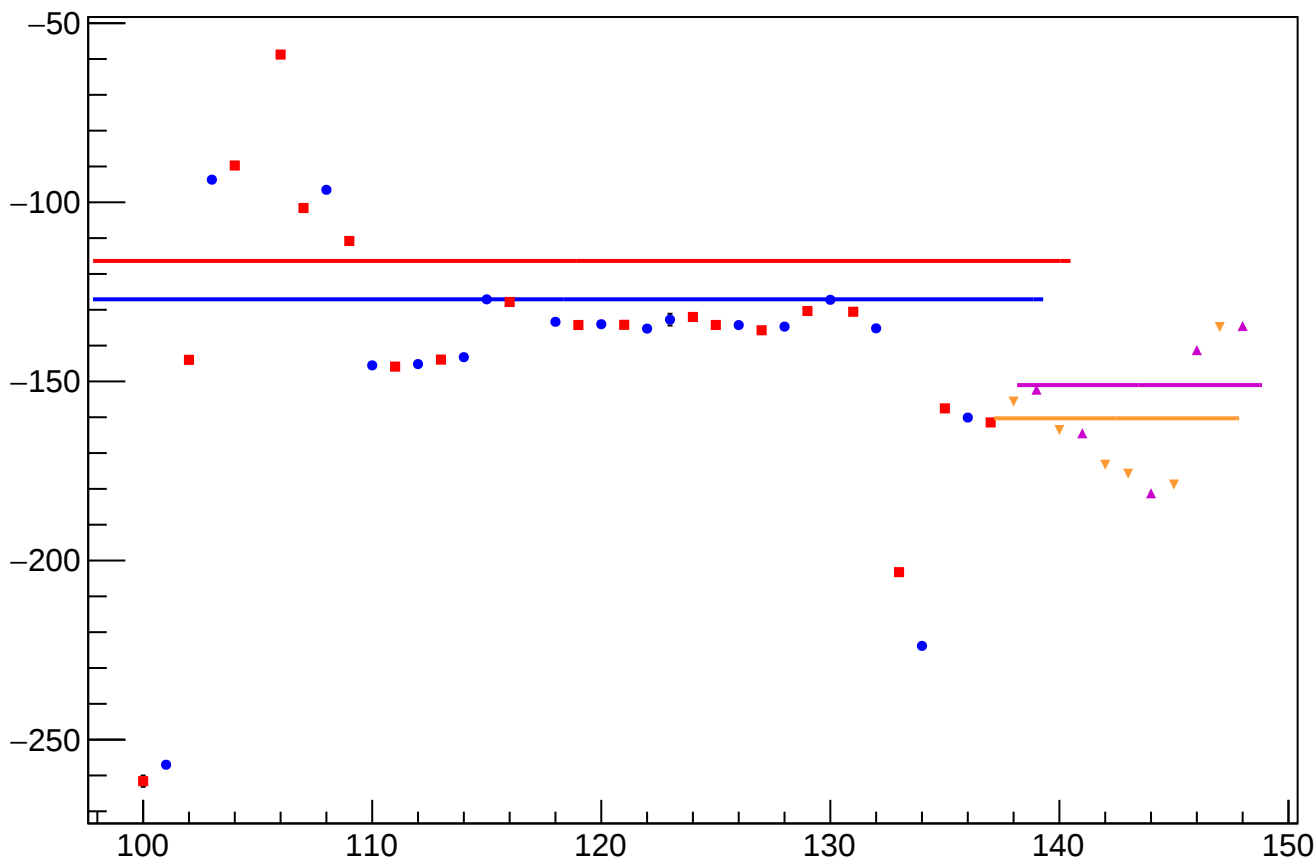
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 58.285 $\pm$ 1.259 χ^2 /NDF:738.7/21

Out: 57.245 $\pm$ 1.213 χ^2 /NDF:755.2/24

All: 57.746 $\pm$ 0.873 χ^2 /NDF: 1494.2/46

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -160.295 ± 0.095 $\chi^2/\text{NDF}: 29633.5/5$

Right Out: -116.365 ± 0.083 $\chi^2/\text{NDF}: 167555.3/18$

Left In: -151.023 ± 0.093 $\chi^2/\text{NDF}: 28341.7/4$

Left: -155.583 ± 0.067 $\chi^2/\text{NDF}: 62822.8/10$

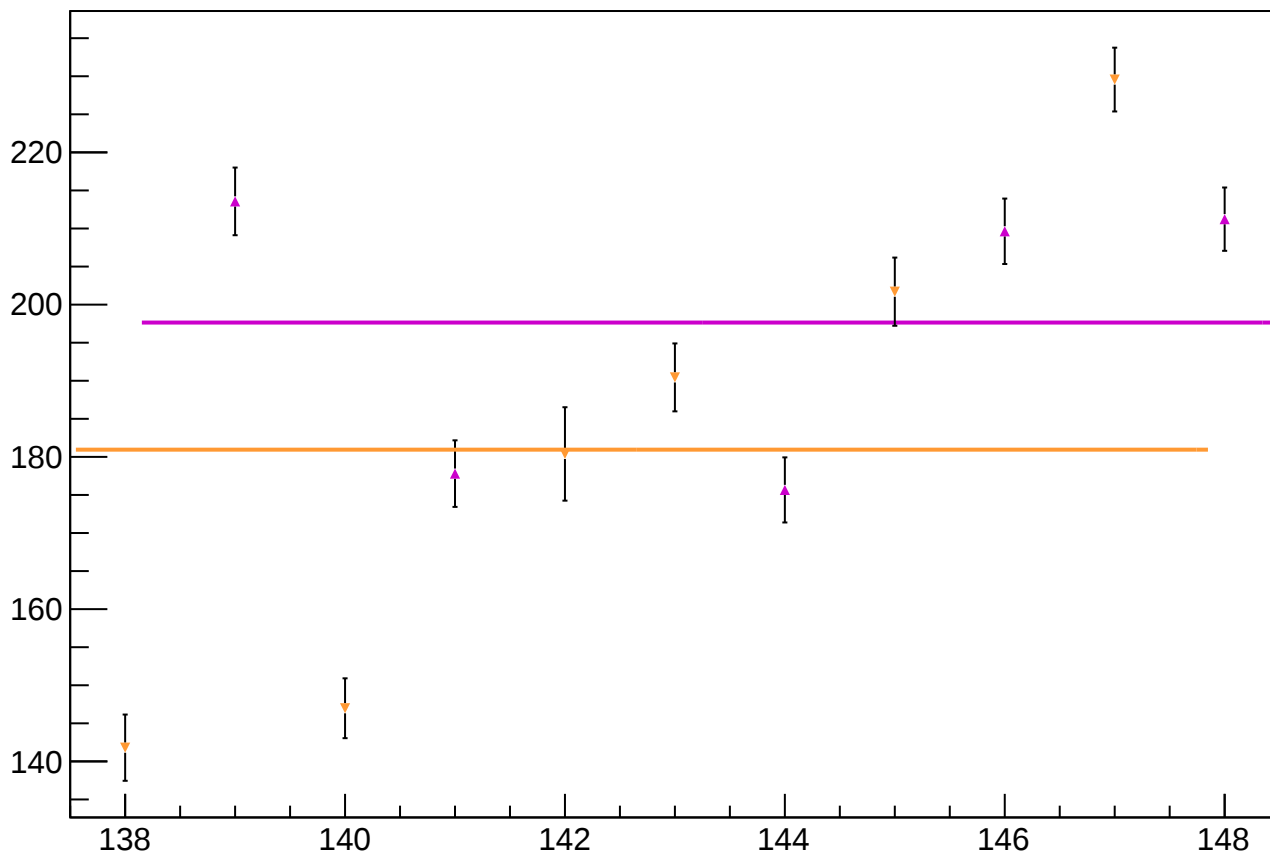
Right: -121.310 ± 0.061 $\chi^2/\text{NDF}: 342291.2/35$

In: -138.542 ± 0.065 $\chi^2/\text{NDF}: 229629.2/21$

Out: -135.371 ± 0.062 $\chi^2/\text{NDF}: 318677.3/24$

All: -136.902 ± 0.045 $\chi^2/\text{NDF}: 549552.2/46$

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: 180.950+/-1.822 χ^2/NDF :316.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 197.646+/-1.926 χ^2/NDF :78.3/4

Left: 188.836+/-1.324 χ^2/NDF : 434.2/10

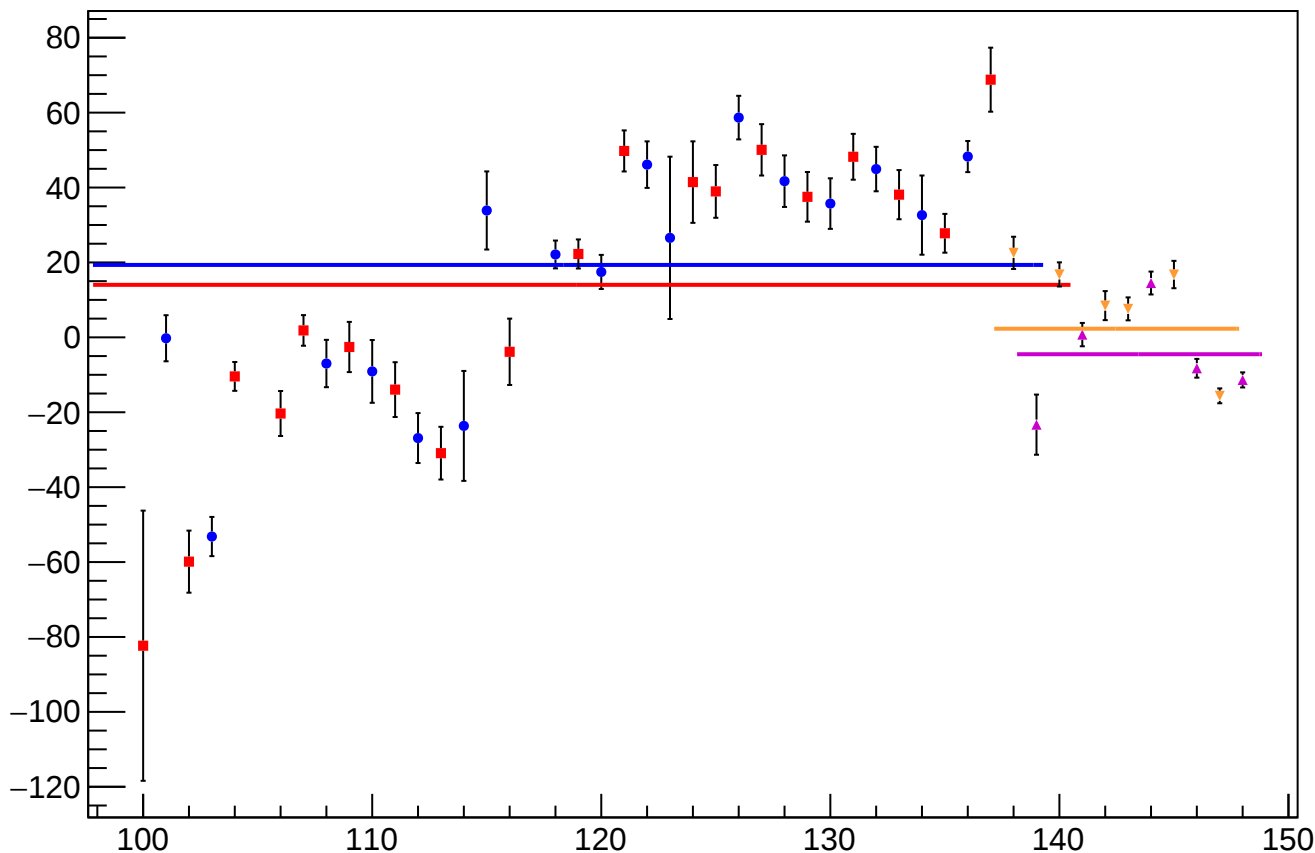
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.646+/-1.926 χ^2/NDF :78.3/4

Out: 180.950+/-1.822 χ^2/NDF :316.2/5

All: 188.836+/-1.324 χ^2/NDF : 434.2/10

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: 2.306 ± 1.238 $\chi^2/\text{NDF}: 145.0/5$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -4.507 ± 1.259 $\chi^2/\text{NDF}: 60.8/4$

Left: -1.045 ± 0.883 $\chi^2/\text{NDF}: 220.8/10$

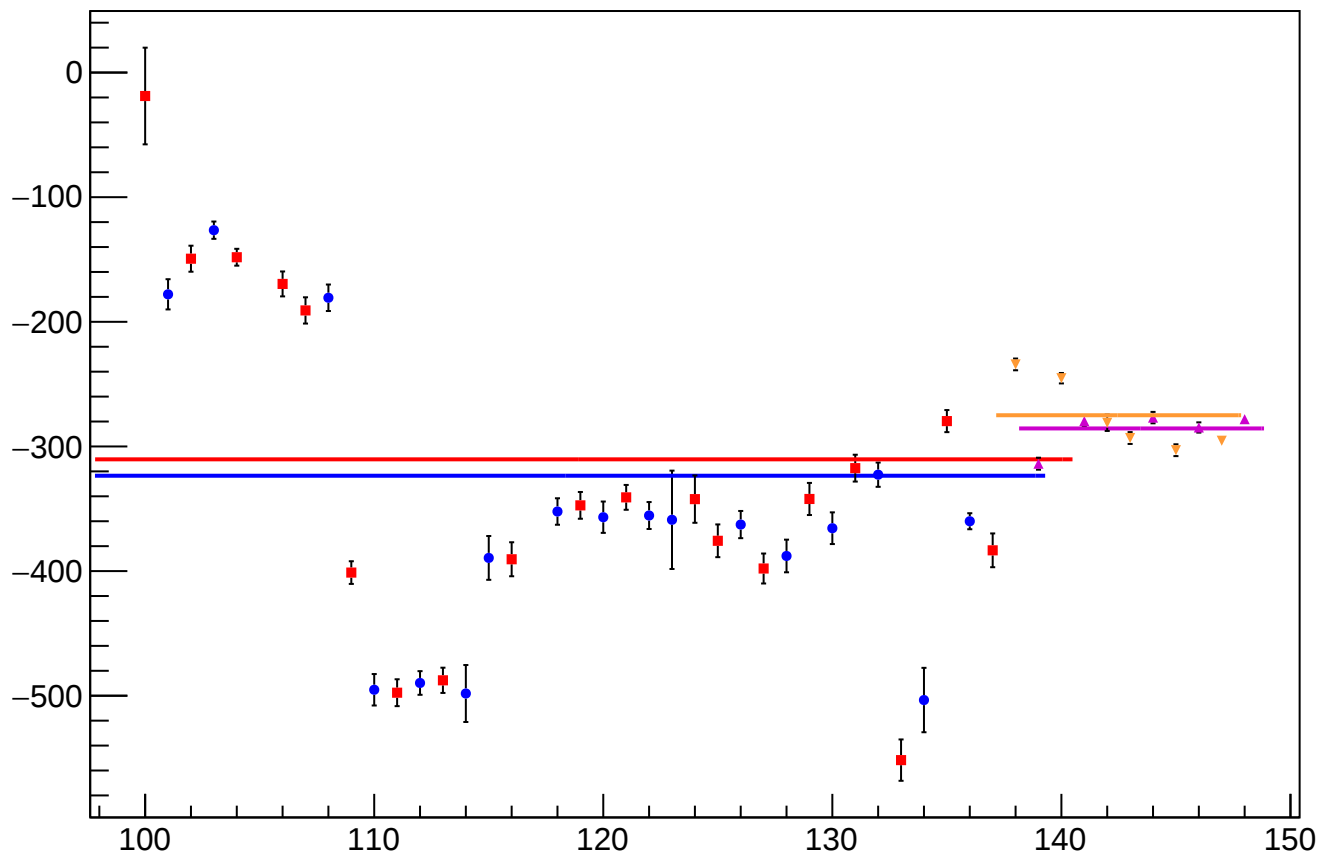
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 5.485 ± 0.960 $\chi^2/\text{NDF}: 651.0/21$

Out: 7.488 ± 0.925 $\chi^2/\text{NDF}: 617.8/24$

All: 6.523 ± 0.666 $\chi^2/\text{NDF}: 1271.1/46$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -274.953 ± 1.893 $\chi^2/\text{NDF}: 203.0/5$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -285.553 ± 1.952 $\chi^2/\text{NDF}: 43.5/4$

Left: -280.089 ± 1.359 $\chi^2/\text{NDF}: 261.7/10$

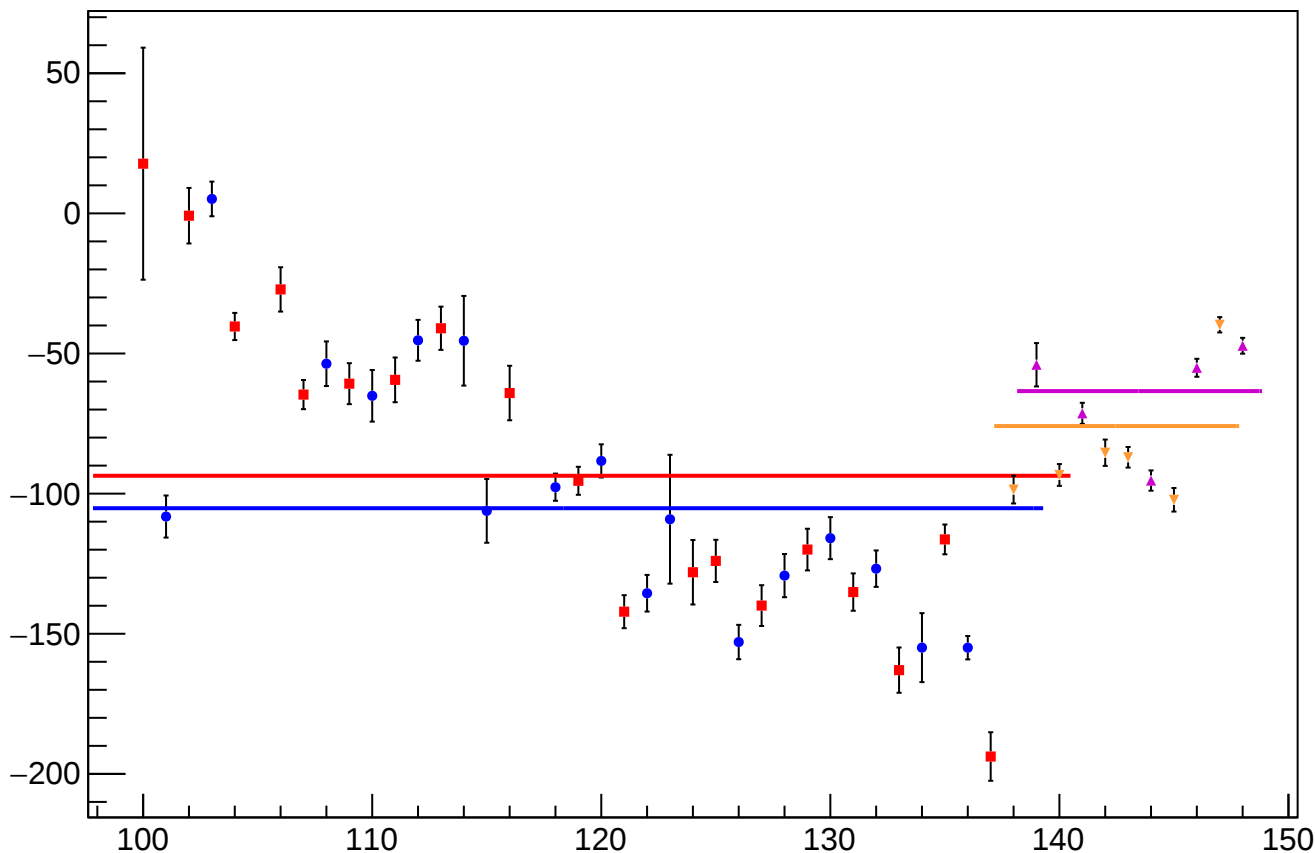
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -298.752 ± 1.576 $\chi^2/\text{NDF}: 2022.4/21$

Out: -287.704 ± 1.514 $\chi^2/\text{NDF}: 2629.5/24$

All: -293.004 ± 1.092 $\chi^2/\text{NDF}: 4677.5/46$

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: -75.890 ± 1.550 χ^2/NDF : 267.8/5

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -63.413 ± 1.607 χ^2/NDF : 123.3/4

Left: -69.876 ± 1.116 χ^2/NDF : 422.4/10

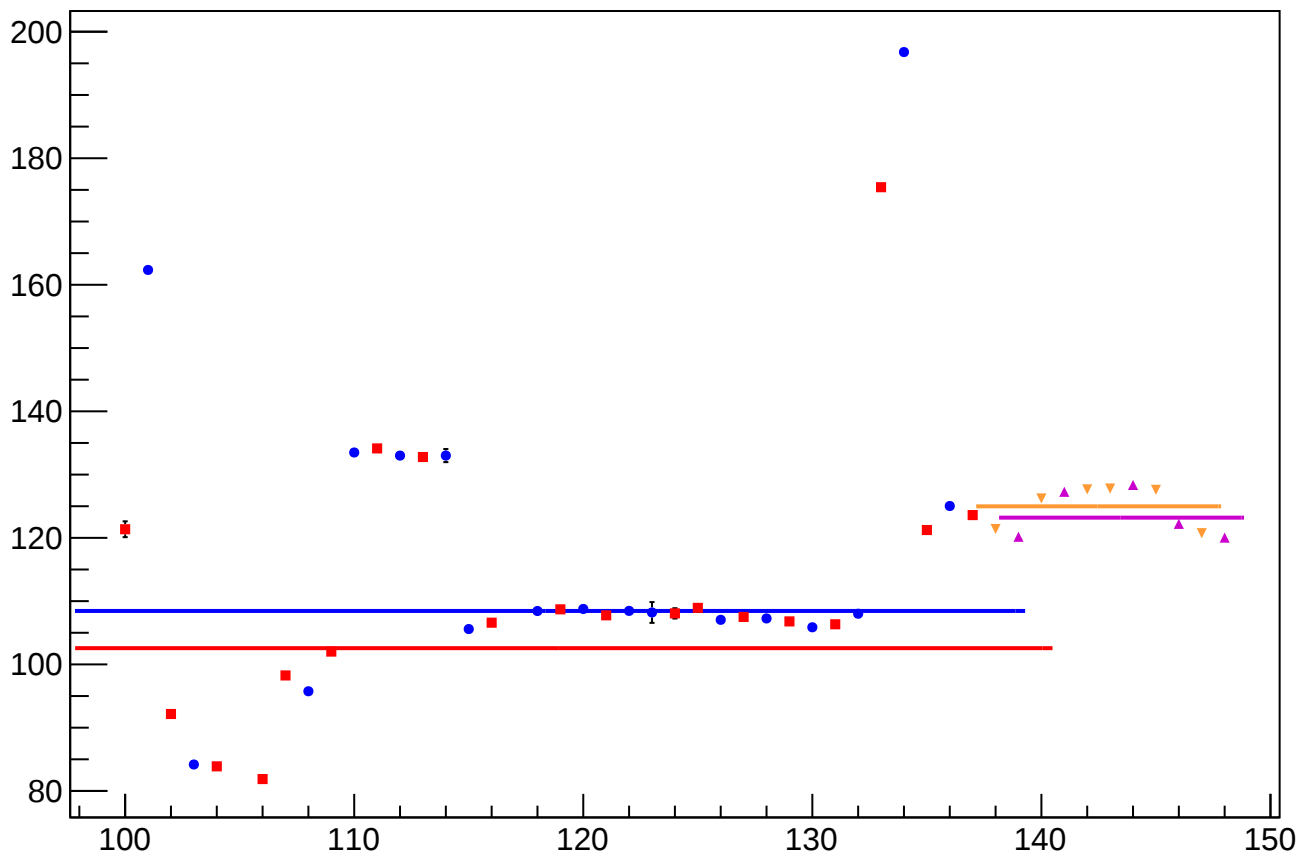
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -83.177 ± 1.167 χ^2/NDF : 1178.7/21

Out: -84.422 ± 1.117 χ^2/NDF : 1153.4/24

All: -83.827 ± 0.807 χ^2/NDF : 2332.7/46

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448+/-0.085 χ^2/NDF : 73265.3/16

Left Out: 124.984+/-0.080 χ^2/NDF : 1456.7/5

Right Out: 102.566+/-0.079 χ^2/NDF : 53135.3/18

Left In: 123.195+/-0.081 χ^2/NDF : 1842.0/4

Left: 124.108+/-0.057 χ^2/NDF : 3546.2/10

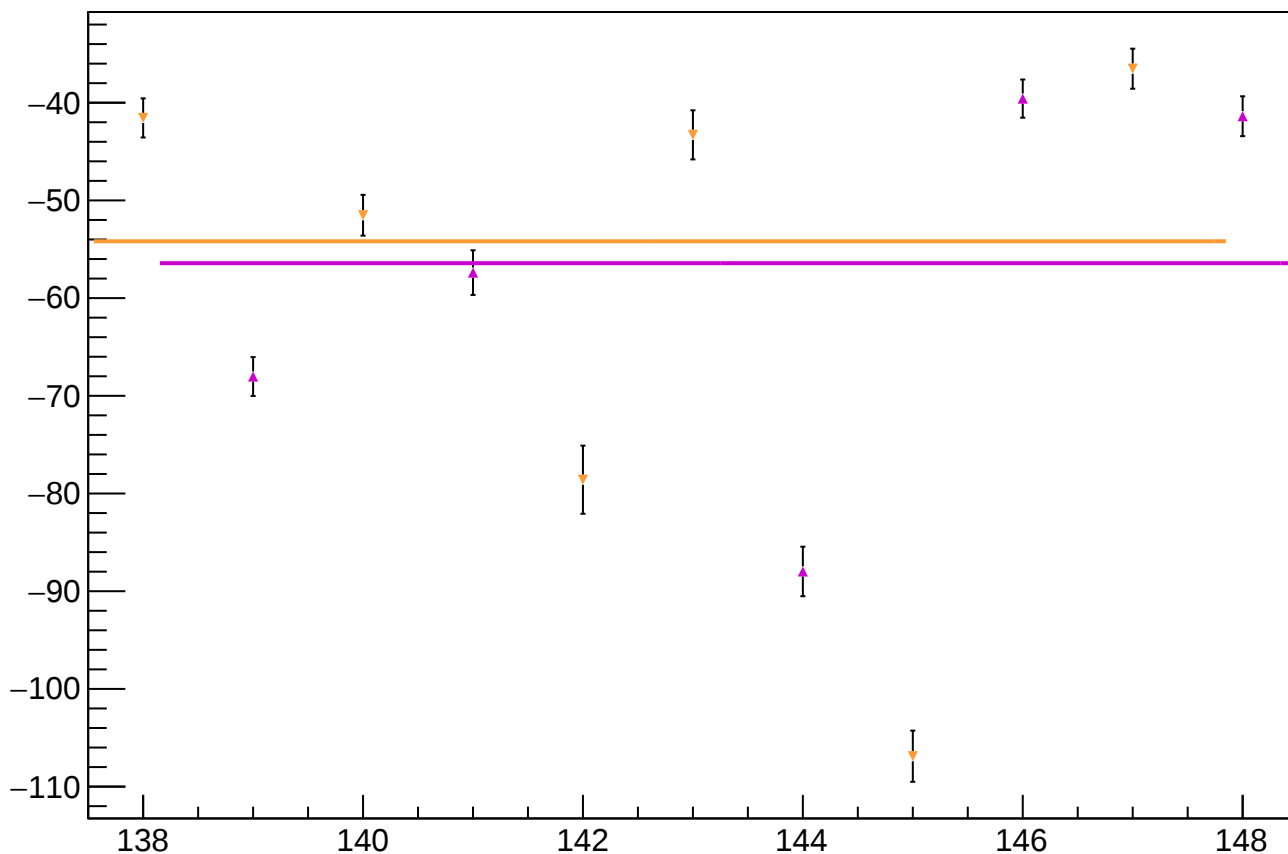
Right: 105.316+/-0.058 χ^2/NDF : 128963.5/35

In: 116.140+/-0.059 χ^2/NDF : 90885.2/21

Out: 113.760+/-0.056 χ^2/NDF : 94355.9/24

All: 114.900+/-0.041 χ^2/NDF : 186099.7/46

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: -54.182+/-0.952 χ^2/NDF :588.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.423+/-0.953 χ^2/NDF :317.7/4

Left: -55.301+/-0.673 χ^2/NDF : 908.9/10

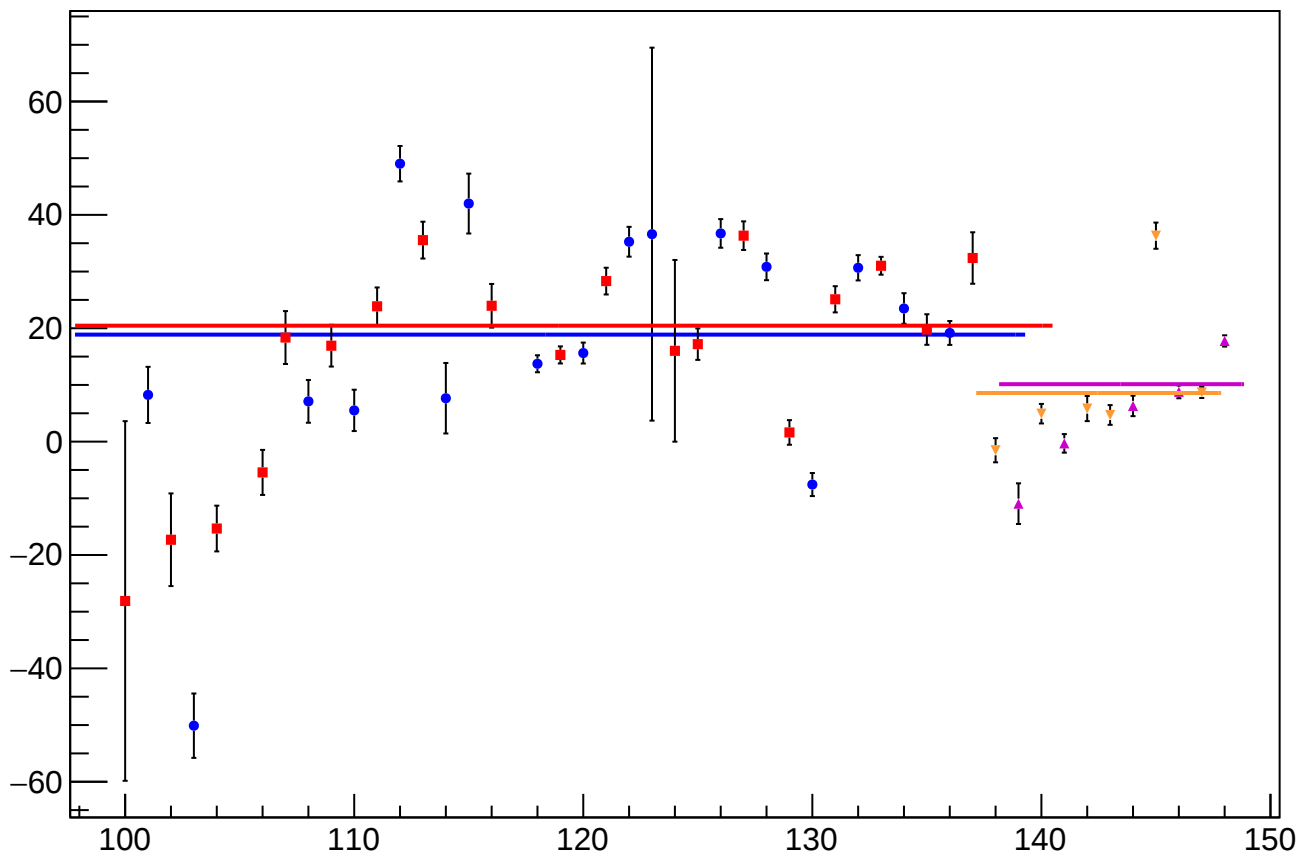
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.423+/-0.953 χ^2/NDF :317.7/4

Out: -54.182+/-0.952 χ^2/NDF :588.5/5

All: -55.301+/-0.673 χ^2/NDF : 908.9/10

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: 8.578 $\pm$ 0.655 χ^2 /NDF:177.7/5

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 10.134 $\pm$ 0.627 χ^2 /NDF:140.1/4

Left: 9.390 $\pm$ 0.453 χ^2 /NDF: 320.8/10

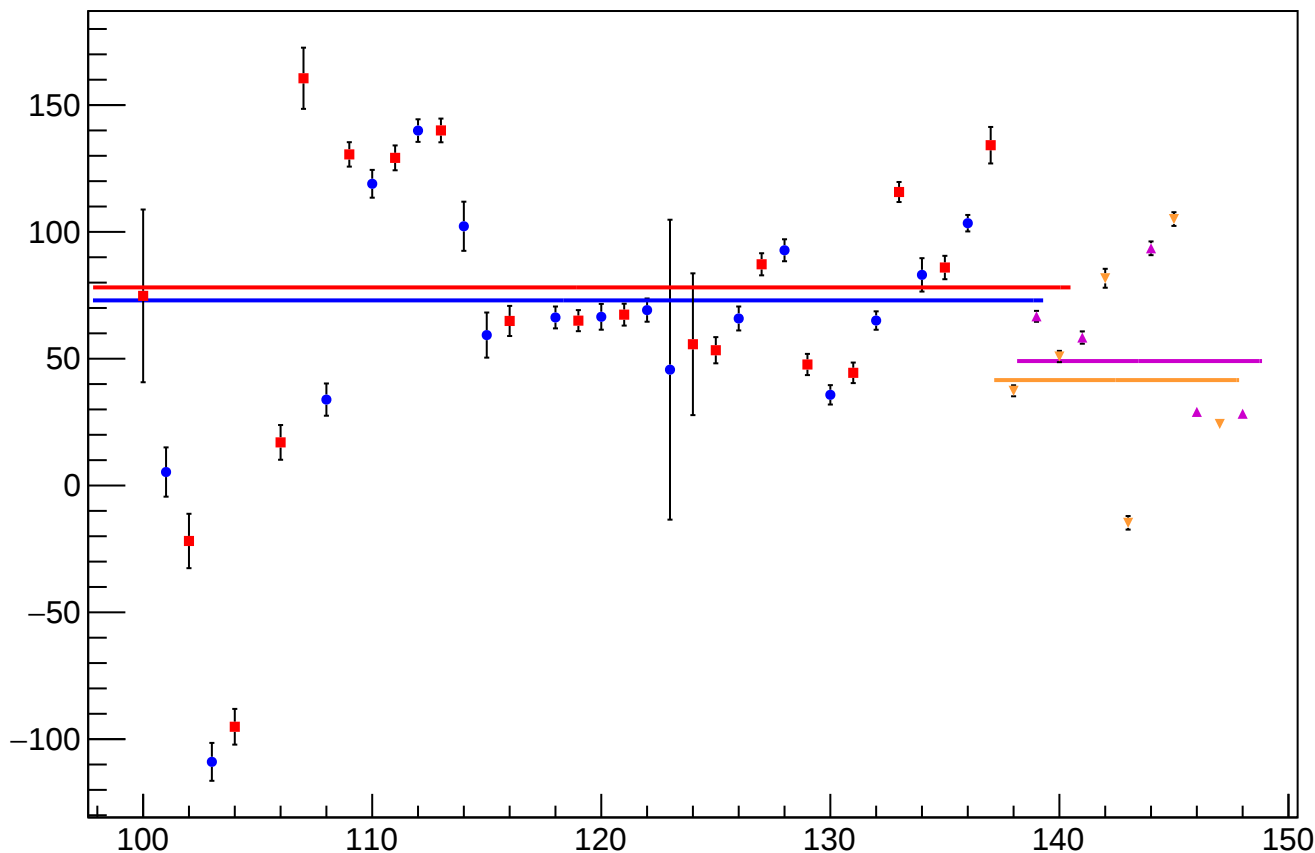
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 14.386 $\pm$ 0.449 χ^2 /NDF:855.2/21

Out: 14.620 $\pm$ 0.459 χ^2 /NDF:709.9/24

All: 14.500 $\pm$ 0.321 χ^2 /NDF: 1565.2/46

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: 41.569 $\pm$ 0.983 χ^2 /NDF:1211.2/5

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 49.073 $\pm$ 0.962 χ^2 /NDF:583.4/4

Left: 45.400 $\pm$ 0.688 χ^2 /NDF: 1824.4/10

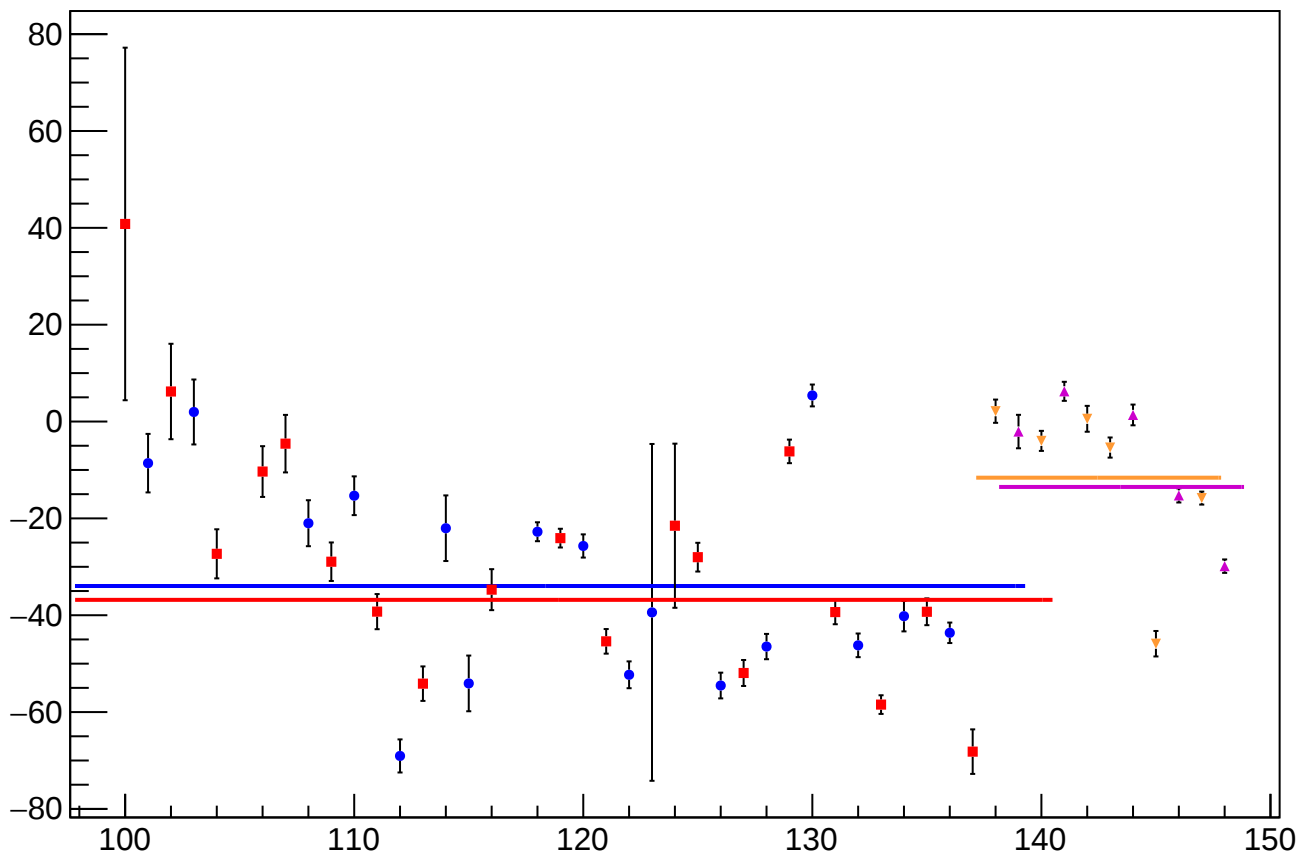
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 58.154 $\pm$ 0.758 χ^2 /NDF:2023.4/21

Out: 55.907 $\pm$ 0.766 χ^2 /NDF:3300.6/24

All: 57.042 $\pm$ 0.539 χ^2 /NDF: 5328.3/46

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: -11.595 ± 0.822 χ^2/NDF : 255.6/5

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -13.508 ± 0.803 χ^2/NDF : 300.4/4

Left: -12.573 ± 0.575 χ^2/NDF : 558.7/10

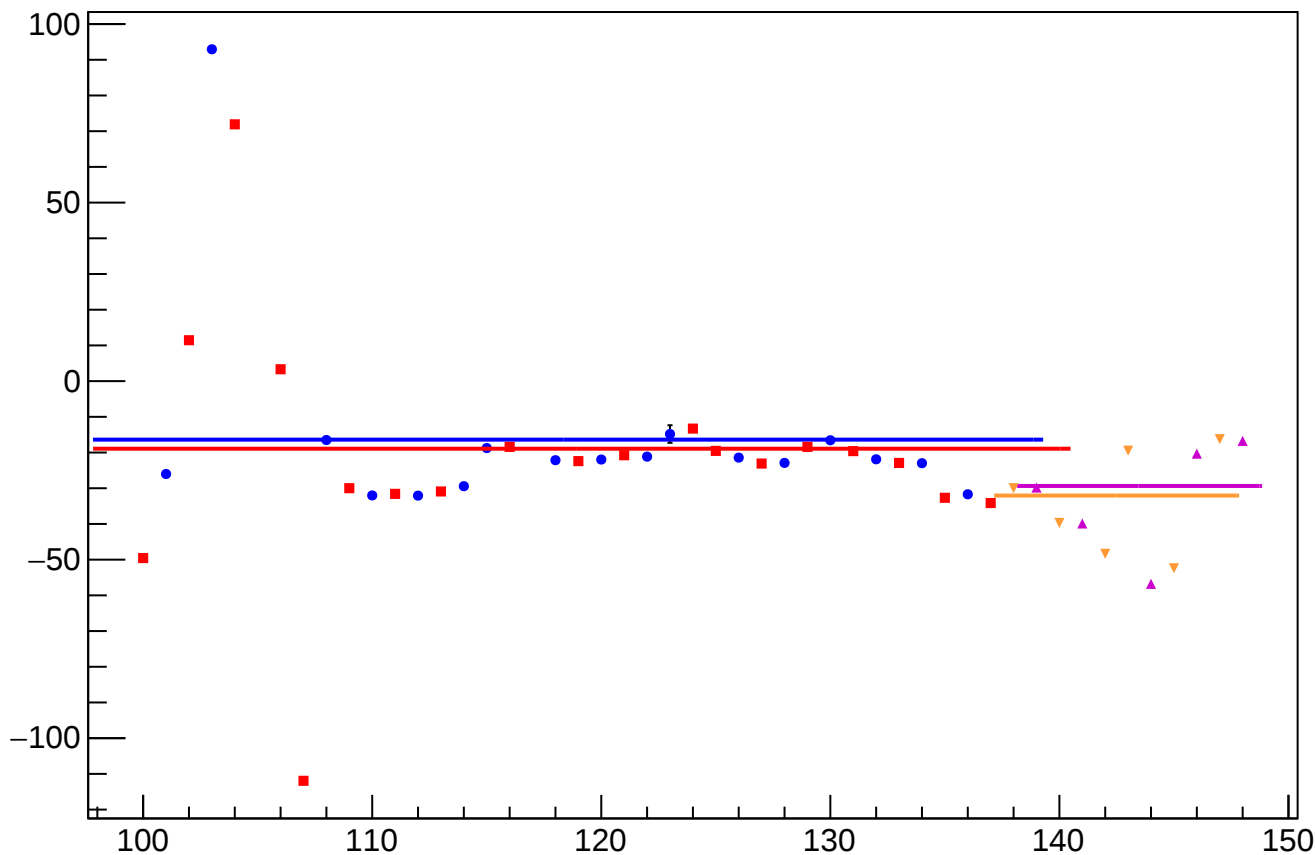
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -24.608 ± 0.543 χ^2/NDF : 1374.2/21

Out: -25.589 ± 0.549 χ^2/NDF : 1317.6/24

All: -25.094 ± 0.386 χ^2/NDF : 2693.3/46

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: -32.046 ± 0.041 $\chi^2/\text{NDF}: 99363.8/5$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -29.361 ± 0.040 $\chi^2/\text{NDF}: 99546.1/4$

Left: -30.654 ± 0.029 $\chi^2/\text{NDF}: 201107.2/10$

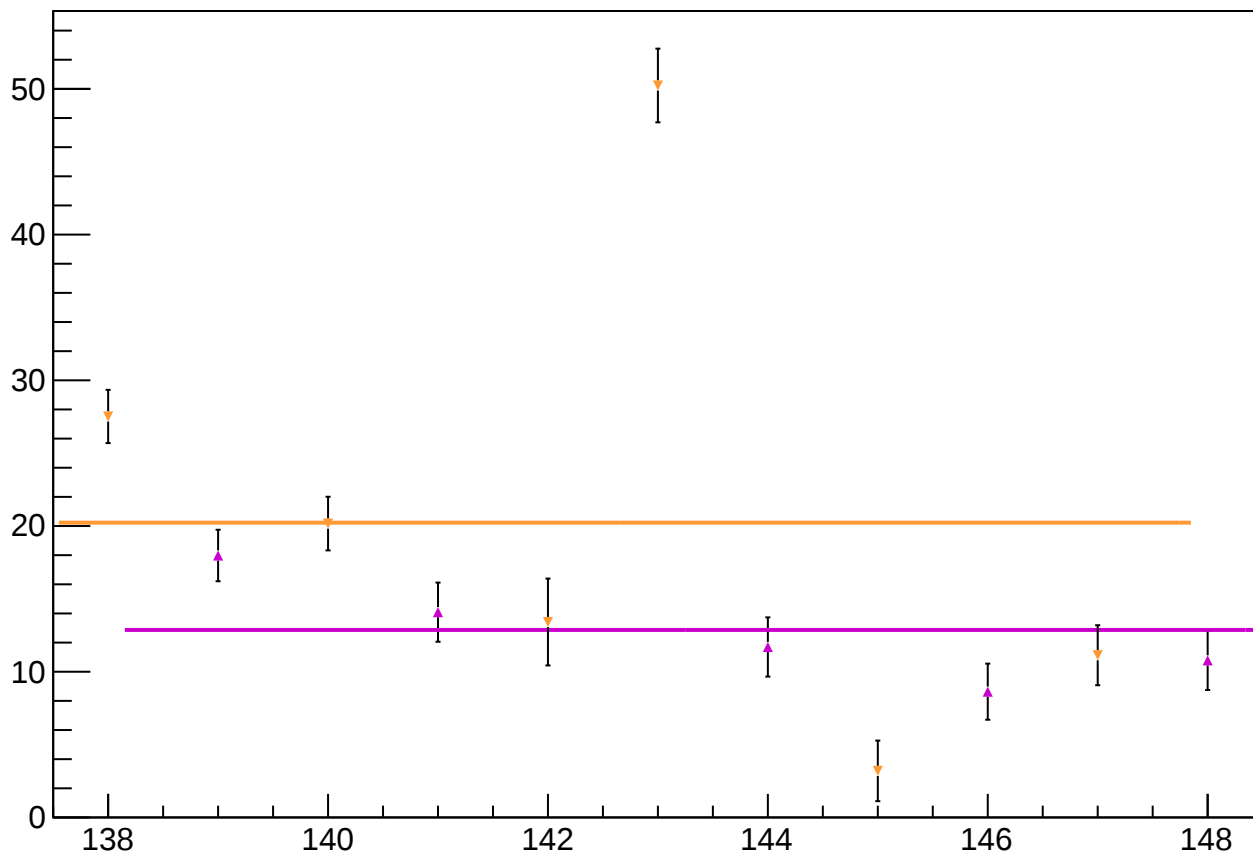
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -23.598 ± 0.030 $\chi^2/\text{NDF}: 621170.3/21$

Out: -26.094 ± 0.030 $\chi^2/\text{NDF}: 579446.4/24$

All: -24.811 ± 0.021 $\chi^2/\text{NDF}: 1204064.5/46$

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: 20.231 ± 0.867 χ^2/NDF : 248.7/5

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 12.870 ± 0.871 χ^2/NDF : 15.0/4

Left: 16.571 ± 0.614 χ^2/NDF : 299.6/10

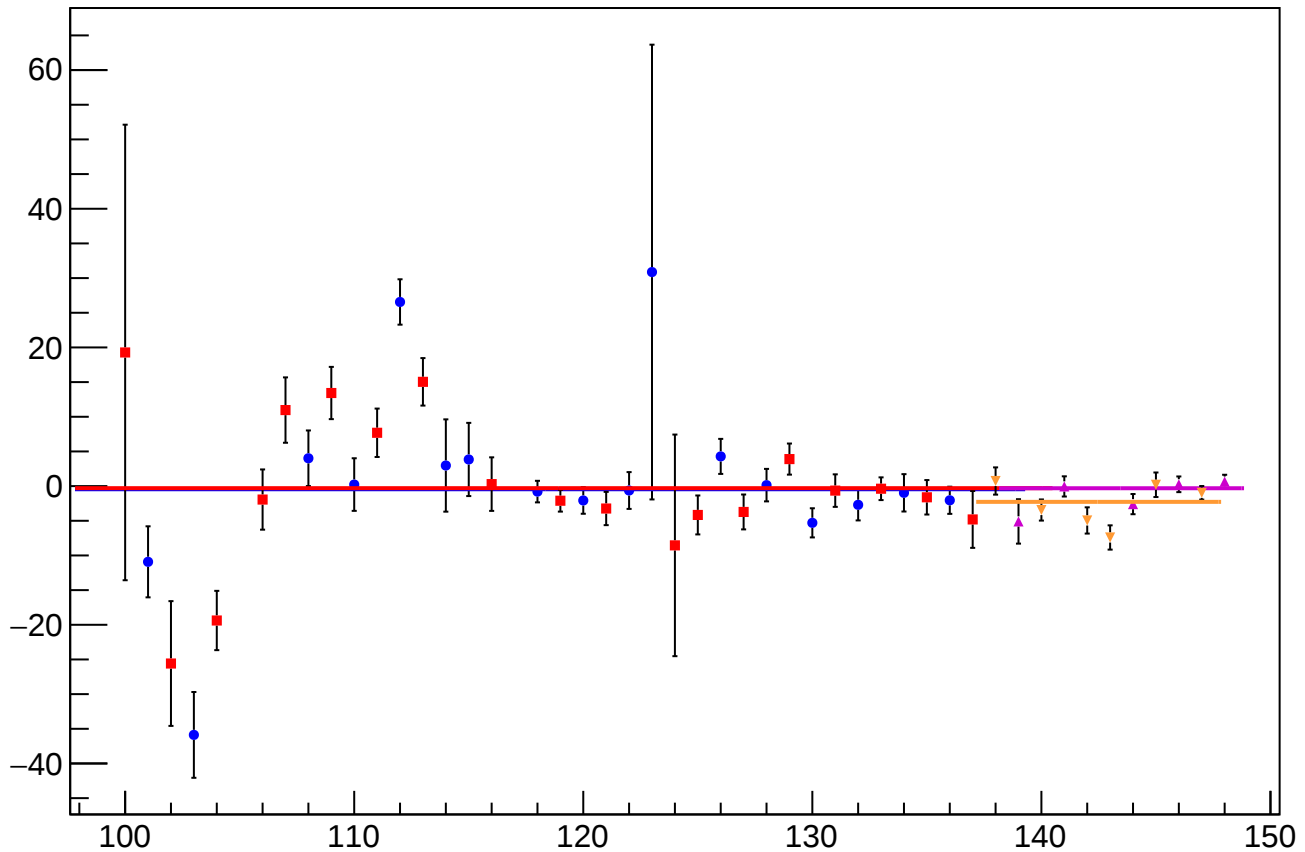
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 12.870 ± 0.871 χ^2/NDF : 15.0/4

Out: 20.231 ± 0.867 χ^2/NDF : 248.7/5

All: 16.571 ± 0.614 χ^2/NDF : 299.6/10

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -2.271 ± 0.613 χ^2/NDF : 17.3/5

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.308 ± 0.593 χ^2/NDF : 5.9/4

Left: -1.256 ± 0.426 χ^2/NDF : 28.5/10

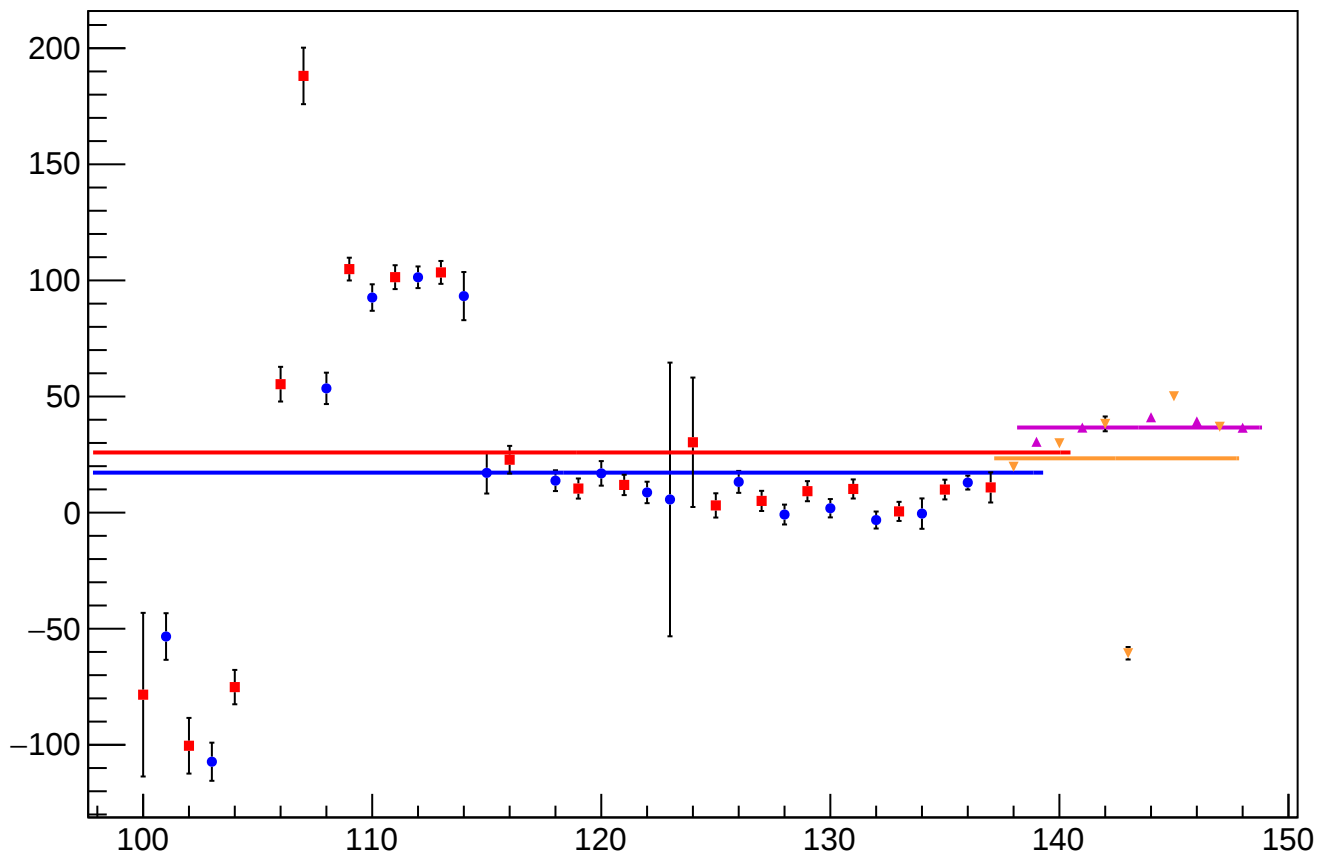
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.373 ± 0.439 χ^2/NDF : 125.5/21

Out: -1.353 ± 0.448 χ^2/NDF : 106.6/24

All: -0.853 ± 0.314 χ^2/NDF : 234.5/46

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 23.381+/-0.901 χ^2/NDF :1205.8/5

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 36.651+/-0.887 χ^2/NDF :16.5/4

Left: 30.115+/-0.632 χ^2/NDF : 1332.4/10

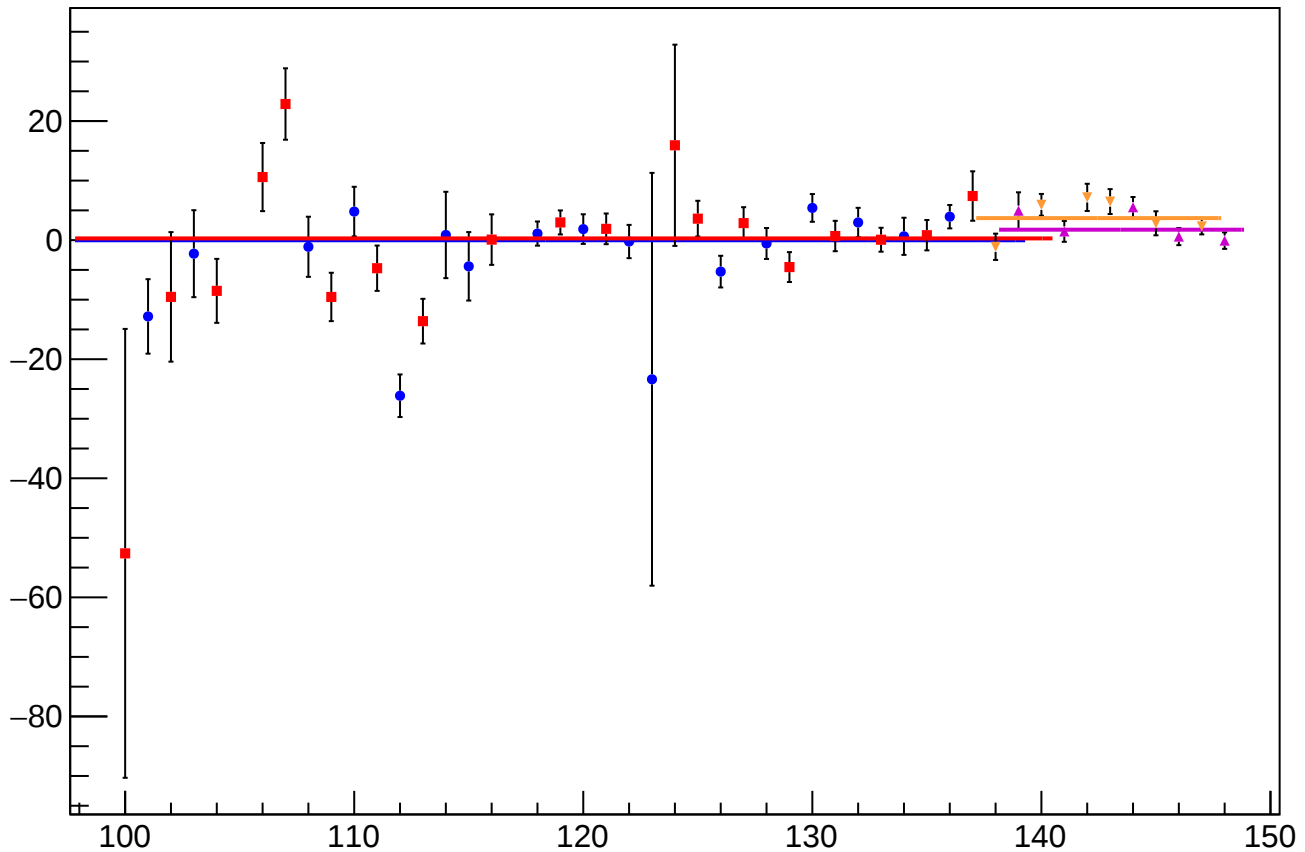
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 30.075+/-0.722 χ^2/NDF :1118.9/21

Out: 24.248+/-0.729 χ^2/NDF :2583.2/24

All: 27.192+/-0.513 χ^2/NDF : 3734.4/46

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 3.700 ± 0.762 χ^2/NDF : 11.6/5

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.754 ± 0.751 χ^2/NDF : 8.3/4

Left: 2.713 ± 0.535 χ^2/NDF : 23.2/10

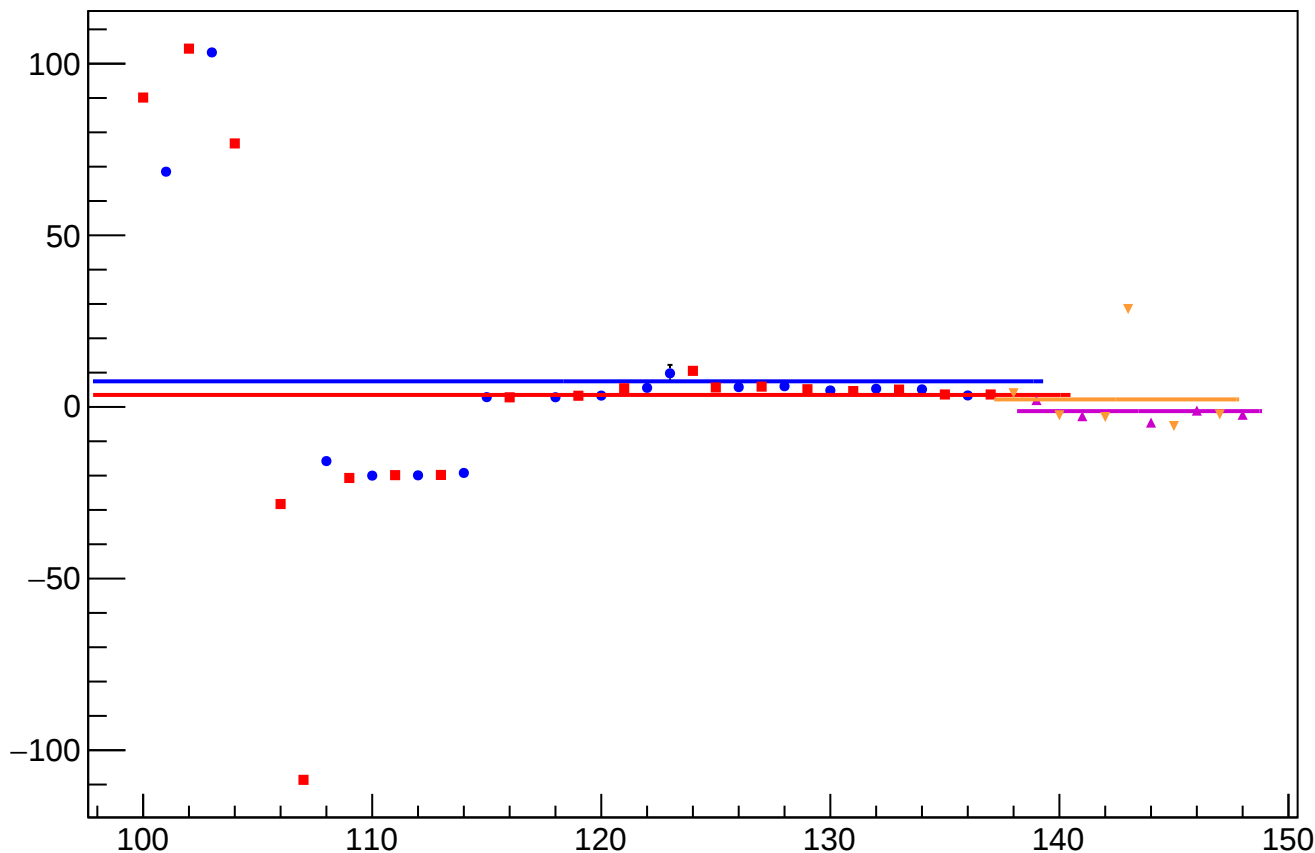
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.859 ± 0.529 χ^2/NDF : 87.0/21

Out: 1.967 ± 0.534 χ^2/NDF : 77.8/24

All: 1.407 ± 0.376 χ^2/NDF : 167.0/46

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: 2.197+/-0.037 χ^2/NDF : 74815.7/5

Right Out: 3.500+/-0.046 χ^2/NDF : 510577.2/18

Left In: -1.212+/-0.036 χ^2/NDF : 3970.7/4

Left: 0.448+/-0.026 χ^2/NDF : 83037.3/10

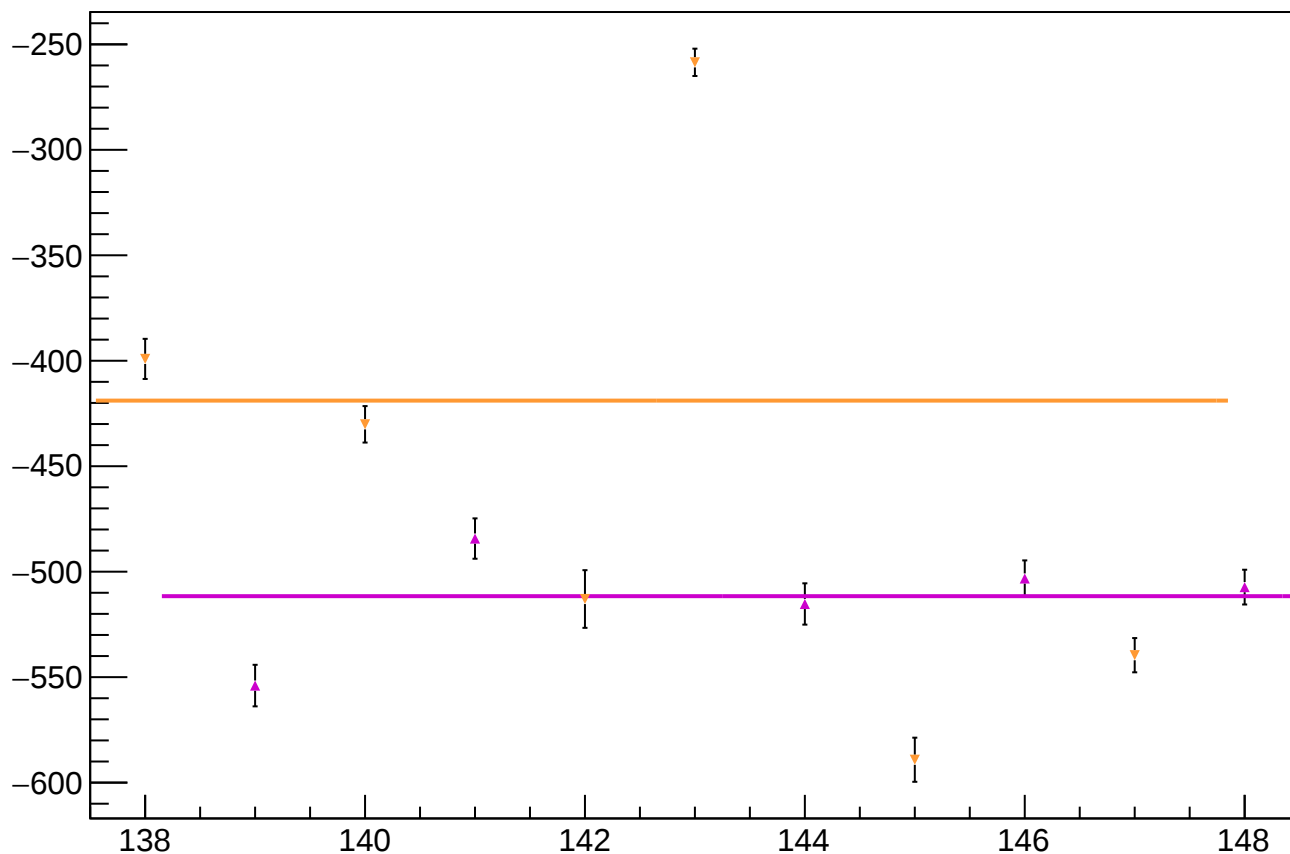
Right: 5.531+/-0.032 χ^2/NDF : 870350.4/35

In: 2.280+/-0.028 χ^2/NDF : 382628.1/21

Out: 2.722+/-0.029 χ^2/NDF : 585881.0/24

All: 2.495+/-0.020 χ^2/NDF : 968629.1/46

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: -418.894+/-3.582 χ^2/NDF :1152.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -511.610+/-4.083 χ^2/NDF :28.0/4

Left: -459.218+/-2.693 χ^2/NDF : 1471.9/10

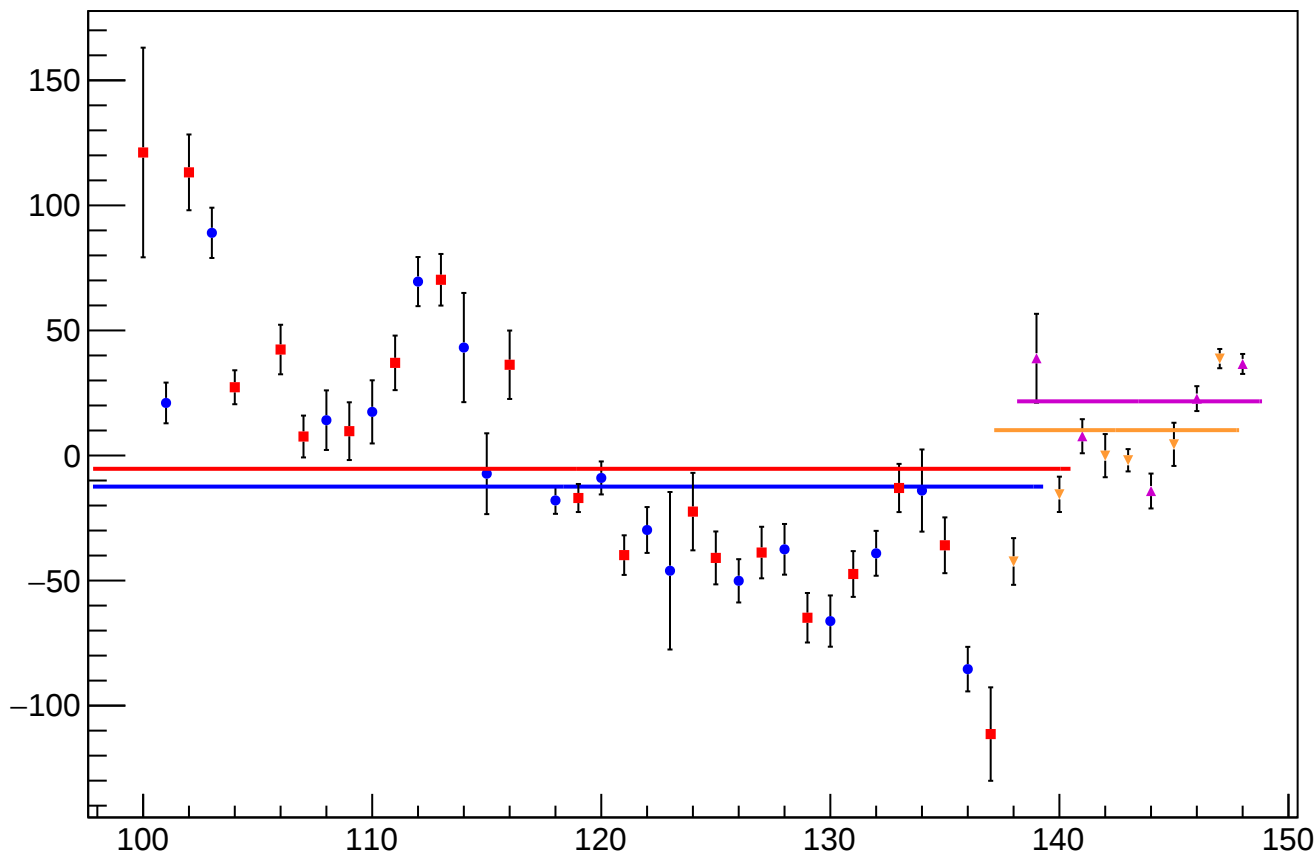
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -511.610+/-4.083 χ^2/NDF :28.0/4

Out: -418.894+/-3.582 χ^2/NDF :1152.4/5

All: -459.218+/-2.693 χ^2/NDF : 1471.9/10

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 $\chi^2/\text{NDF}: 340.2/16$

Left Out: 10.136 ± 2.382 $\chi^2/\text{NDF}: 109.2/5$

Right Out: -5.317 ± 2.260 $\chi^2/\text{NDF}: 342.8/18$

Left In: 21.657 ± 2.595 $\chi^2/\text{NDF}: 45.6/4$

Left: 15.404 ± 1.755 $\chi^2/\text{NDF}: 165.6/10$

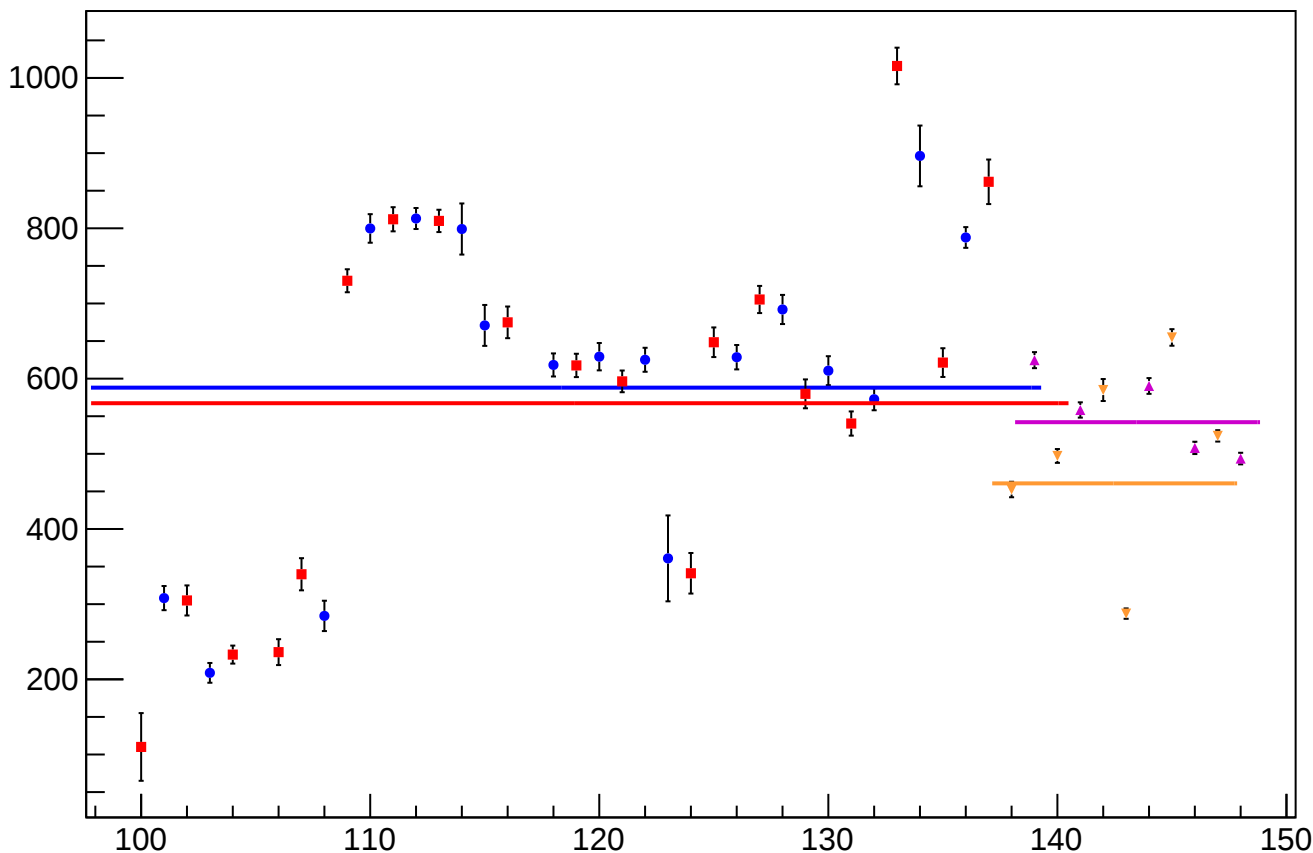
Right: -8.788 ± 1.617 $\chi^2/\text{NDF}: 687.9/35$

In: 2.673 ± 1.728 $\chi^2/\text{NDF}: 481.9/21$

Out: 2.002 ± 1.639 $\chi^2/\text{NDF}: 474.2/24$

All: 2.320 ± 1.189 $\chi^2/\text{NDF}: 956.2/46$

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: 460.680 $\pm$ 3.714 χ^2 /NDF:1097.2/5

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 542.086 $\pm$ 4.108 χ^2 /NDF:140.3/4

Left: 497.292 $\pm$ 2.755 χ^2 /NDF: 1453.5/10

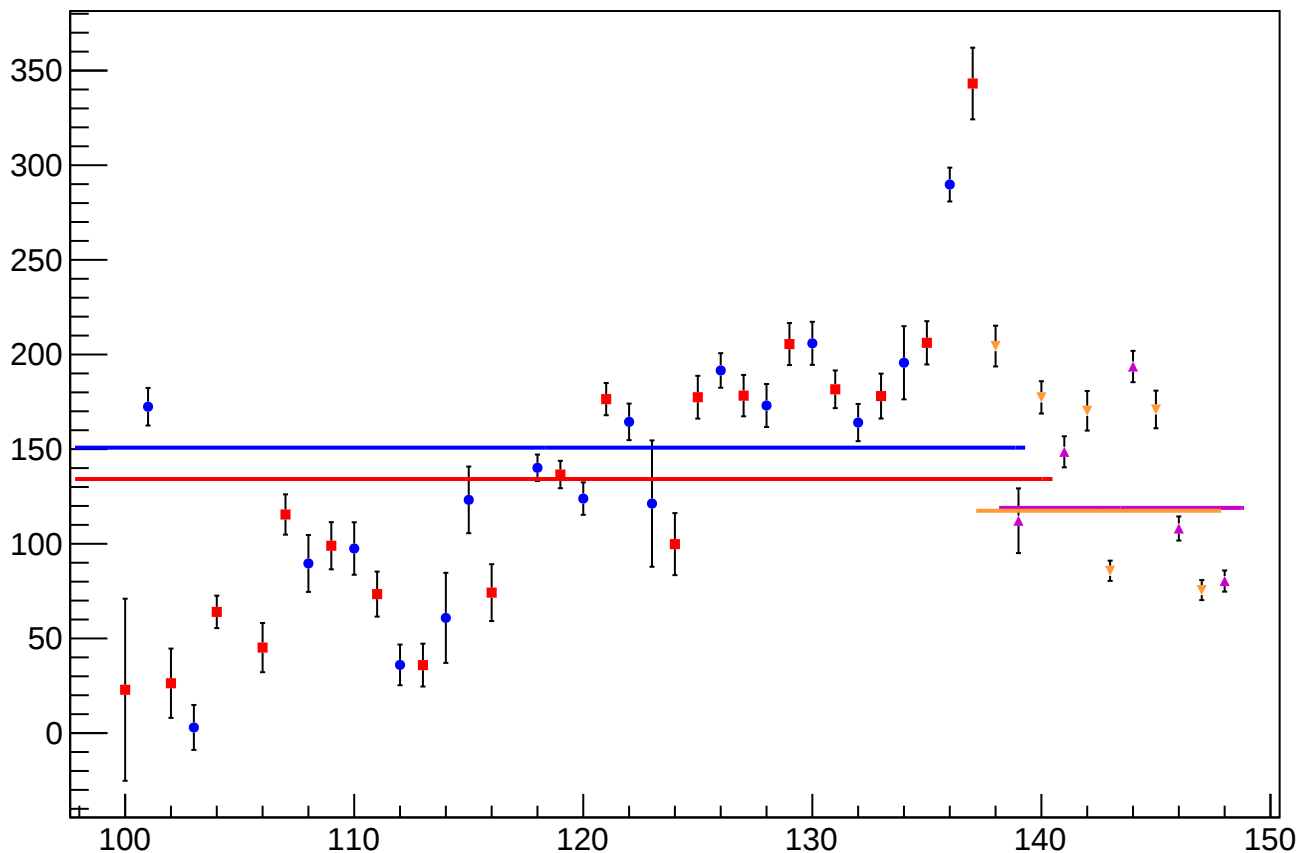
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 563.860 $\pm$ 2.980 χ^2 /NDF:2327.3/21

Out: 508.323 $\pm$ 2.763 χ^2 /NDF:4249.7/24

All: 533.993 $\pm$ 2.026 χ^2 /NDF: 6763.8/46

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: 117.452 $\pm$ 2.986 χ^2 /NDF:266.6/5

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 118.967 $\pm$ 3.341 χ^2 /NDF:145.4/4

Left: 118.125 $\pm$ 2.227 χ^2 /NDF: 412.1/10

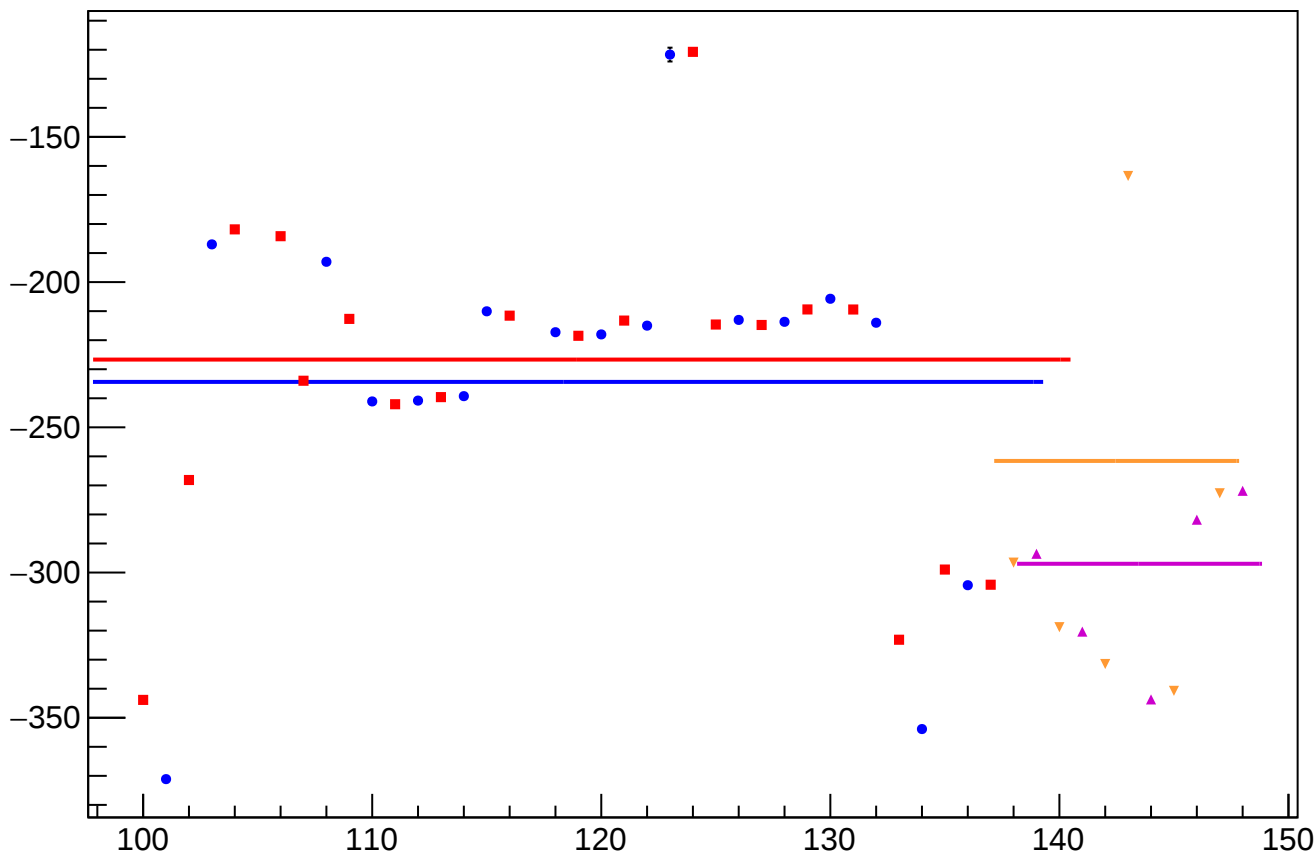
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 138.331 $\pm$ 2.090 χ^2 /NDF:833.8/21

Out: 126.941 $\pm$ 1.968 χ^2 /NDF:866.0/24

All: 132.291 $\pm$ 1.433 χ^2 /NDF: 1715.5/46

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: -261.573+/-0.156 χ^2 /NDF:200162.6/5

Right Out: -226.674+/-0.141 χ^2 /NDF: 99490.5/18

Left In: -296.983+/-0.172 χ^2 /NDF:21056.6/4

Left: -277.575+/-0.116 χ^2 /NDF: 244478.5/10

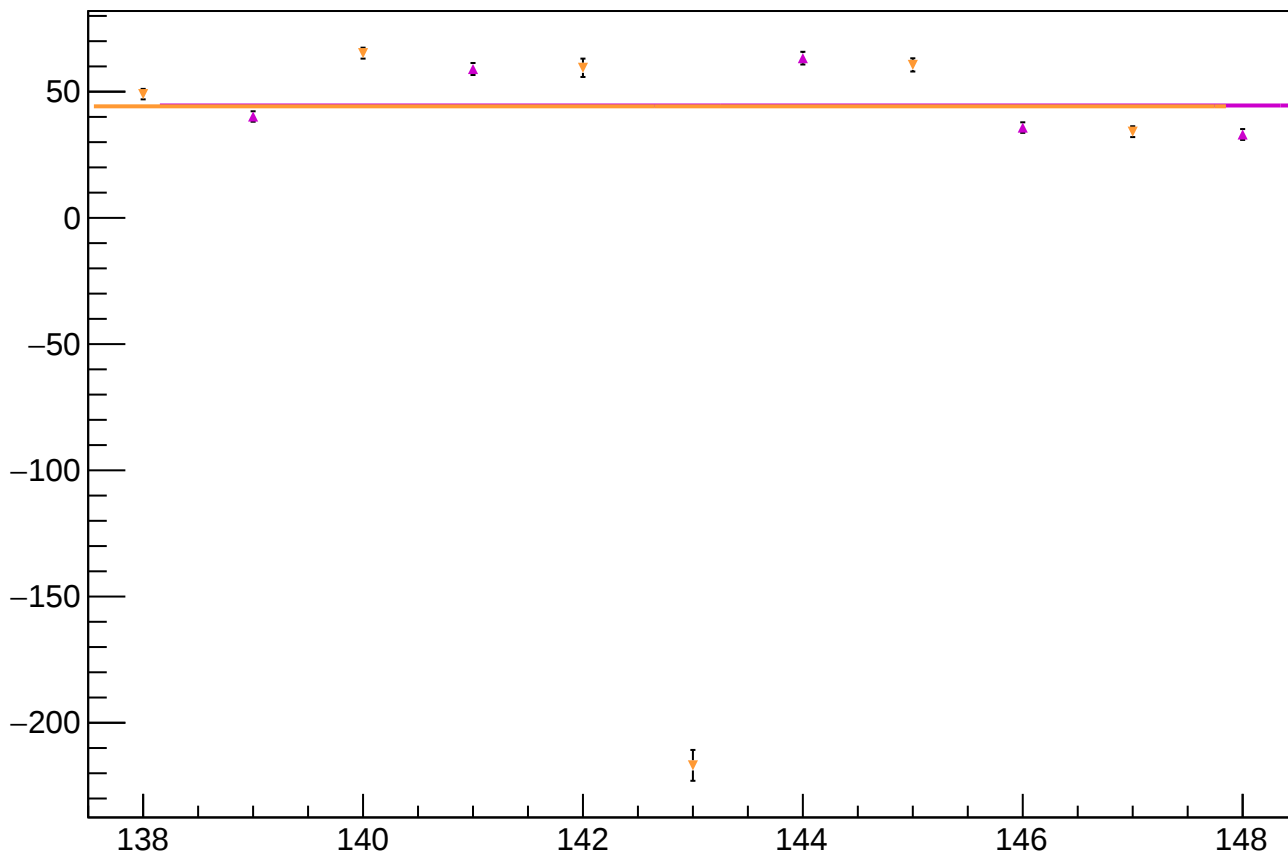
Right: -230.326+/-0.102 χ^2 /NDF: 246056.0/35

In: -261.119+/-0.112 χ^2 /NDF:242226.8/21

Out: -242.387+/-0.105 χ^2 /NDF:327134.5/24

All: -251.095+/-0.077 χ^2 /NDF: 584232.2/46

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: 44.188+/-1.048 χ^2/NDF :2003.2/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 44.523+/-0.993 χ^2/NDF :143.1/4

Left: 44.365+/-0.720 χ^2/NDF : 2146.3/10

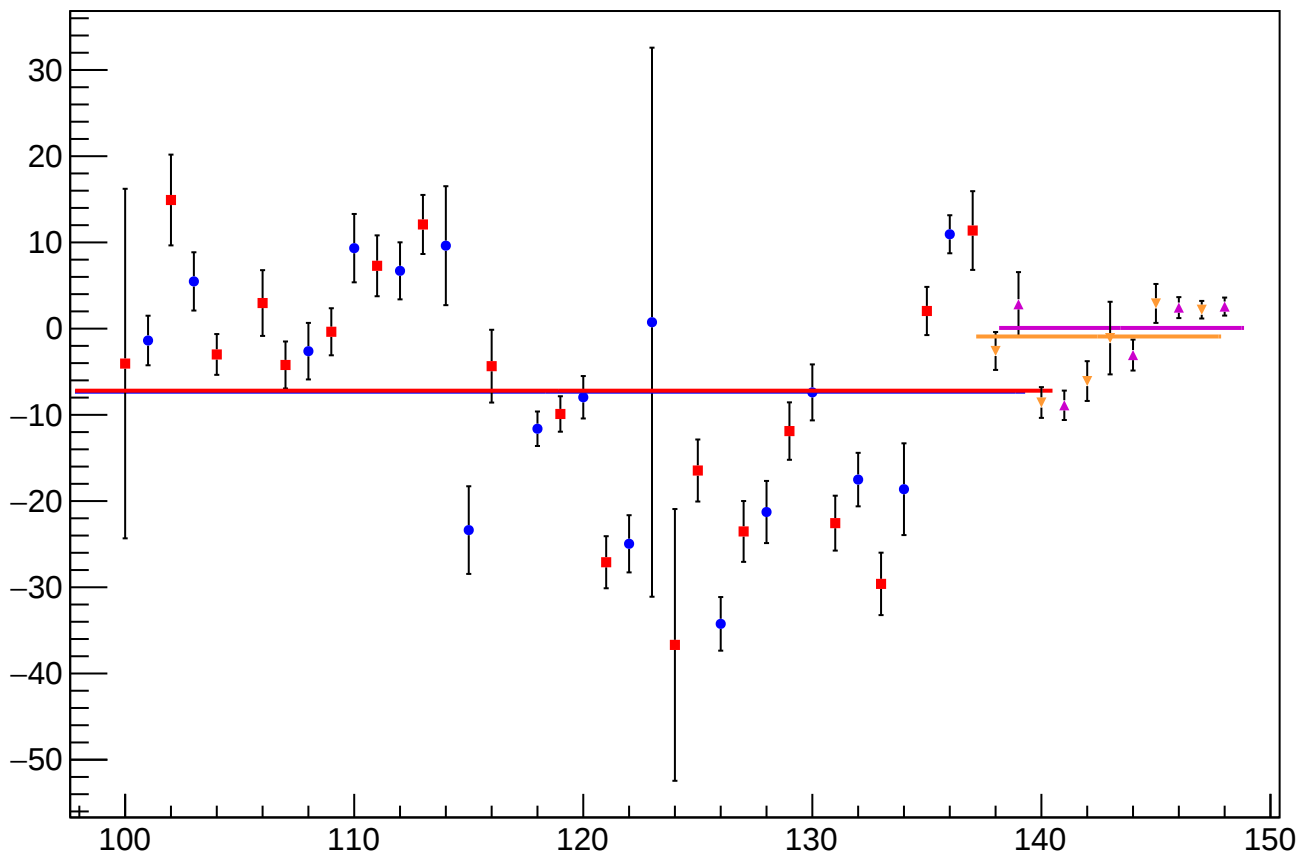
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 44.523+/-0.993 χ^2/NDF :143.1/4

Out: 44.188+/-1.048 χ^2/NDF :2003.2/5

All: 44.365+/-0.720 χ^2/NDF : 2146.3/10

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: -0.912 ± 0.721 χ^2/NDF : 36.2/5

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 0.080 ± 0.657 χ^2/NDF : 40.7/4

Left: -0.370 ± 0.486 χ^2/NDF : 77.9/10

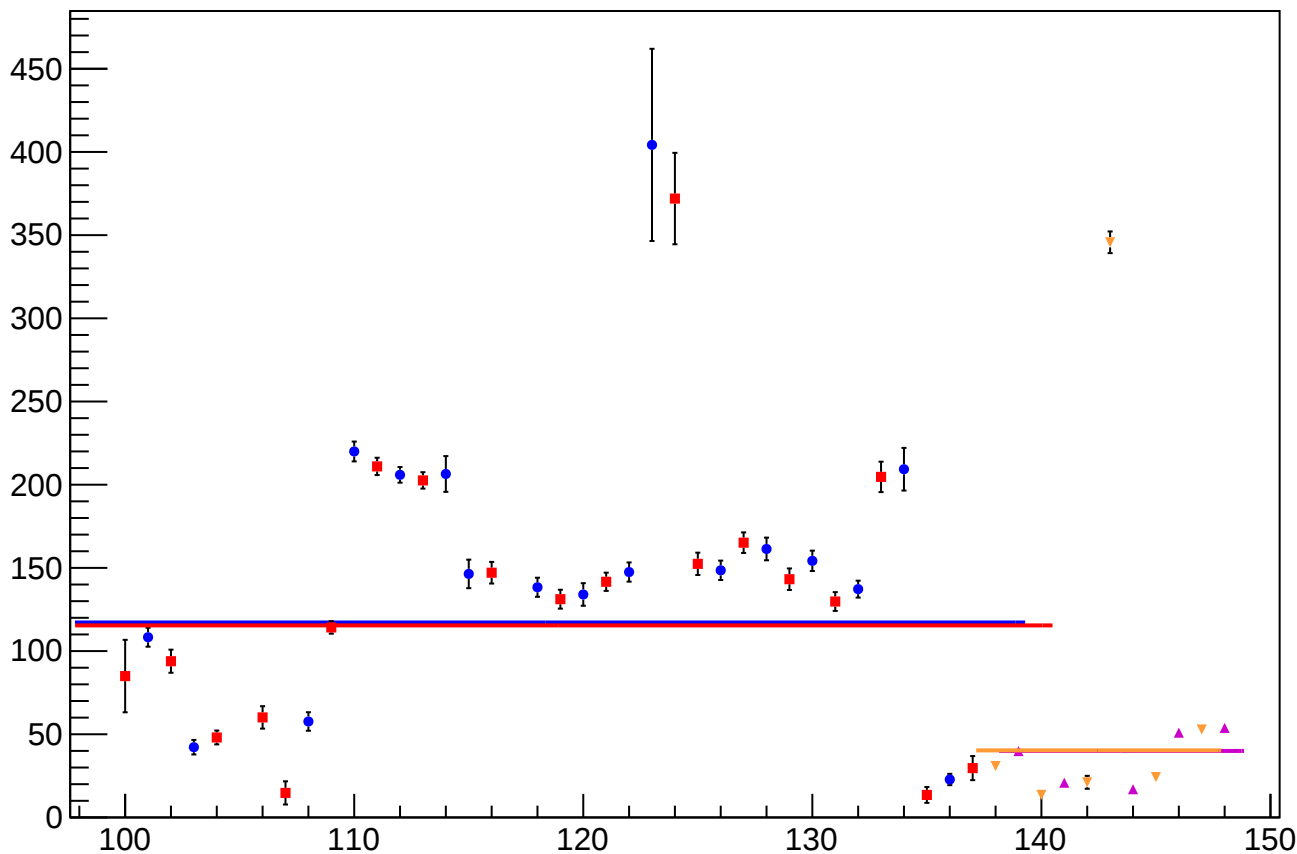
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.987 ± 0.502 χ^2/NDF : 372.3/21

Out: -3.884 ± 0.524 χ^2/NDF : 324.3/24

All: -3.417 ± 0.363 χ^2/NDF : 698.1/46

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: 40.305+/-1.079 χ^2/NDF :2445.0/5

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 39.975+/-1.004 χ^2/NDF :207.7/4

Left: 40.128+/-0.735 χ^2/NDF : 2652.7/10

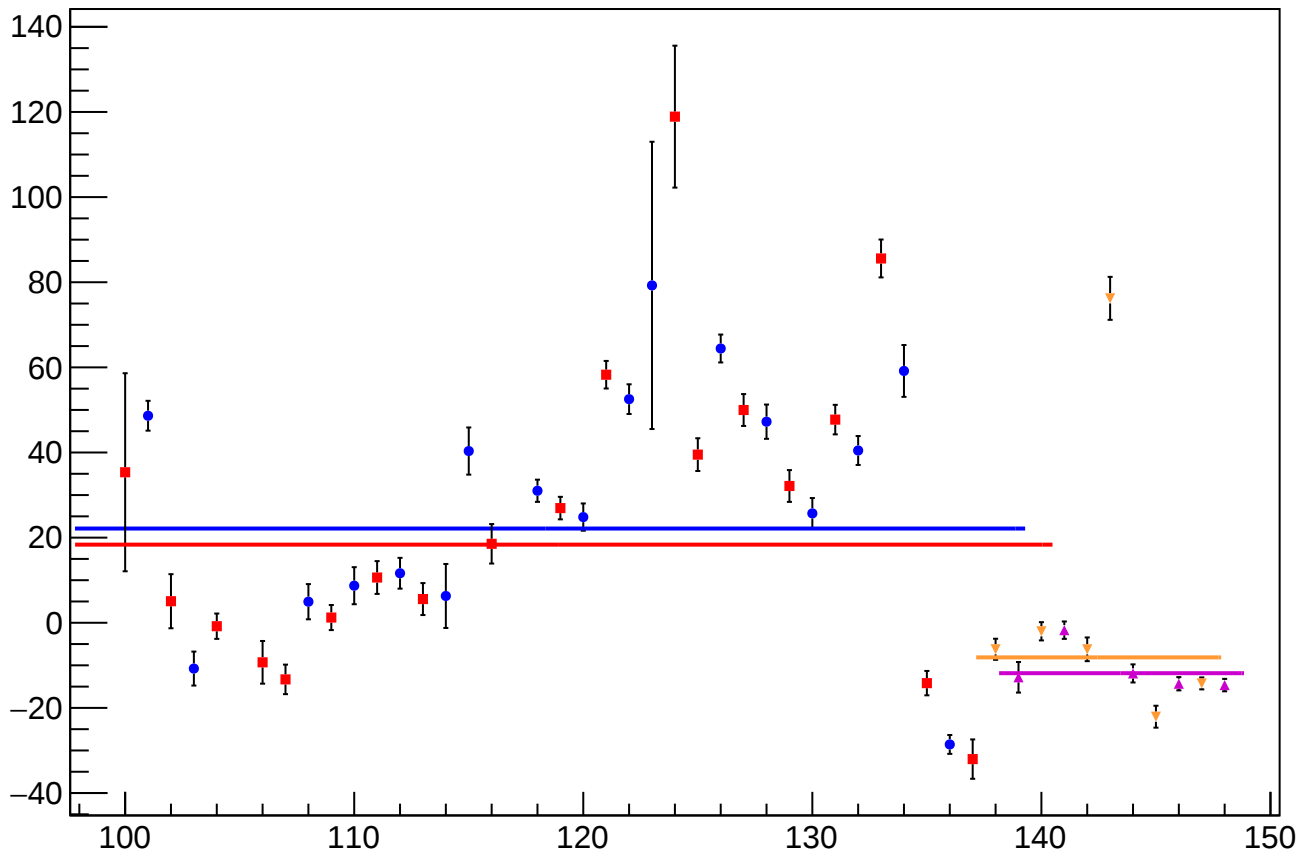
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 65.921+/-0.818 χ^2/NDF :4353.8/21

Out: 69.318+/-0.845 χ^2/NDF :6468.1/24

All: 67.564+/-0.588 χ^2/NDF : 10830.3/46

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: -8.134+/-0.910 χ^2/NDF :336.7/5

Right Out: 18.355+/-0.871 χ^2/NDF : 1070.9/18

Left In: -11.846+/-0.840 χ^2/NDF :30.7/4

Left: -10.139+/-0.617 χ^2/NDF : 376.4/10

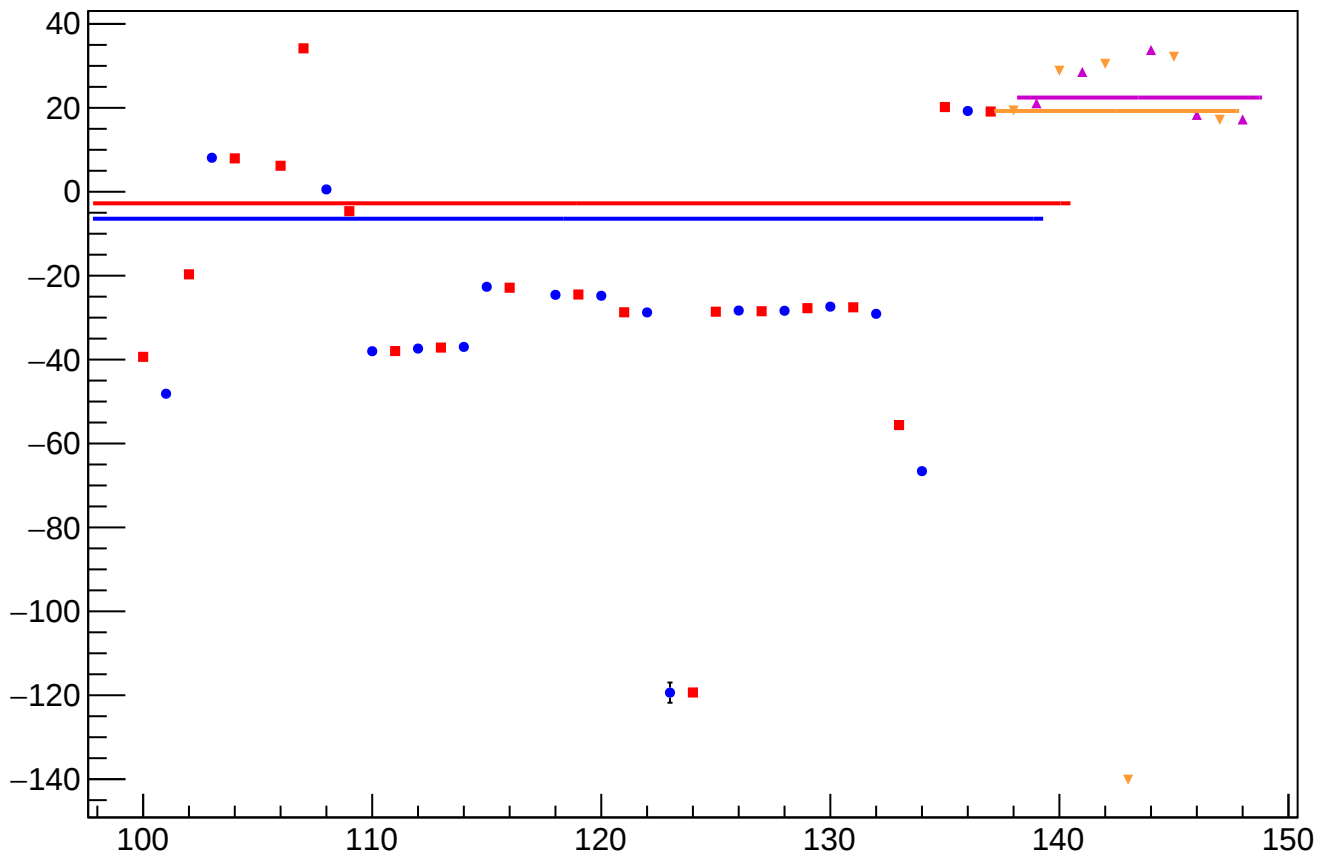
Right: 20.203+/-0.623 χ^2/NDF : 2144.2/35

In: 4.141+/-0.611 χ^2/NDF :1864.8/21

Out: 5.691+/-0.630 χ^2/NDF :1849.4/24

All: 4.893+/-0.439 χ^2/NDF : 3717.3/46

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 19.251 ± 0.045 χ^2/NDF : 398405.5/5

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 22.450 ± 0.041 χ^2/NDF : 18846.1/4

Left: 20.996 ± 0.031 χ^2/NDF : 419960.0/10

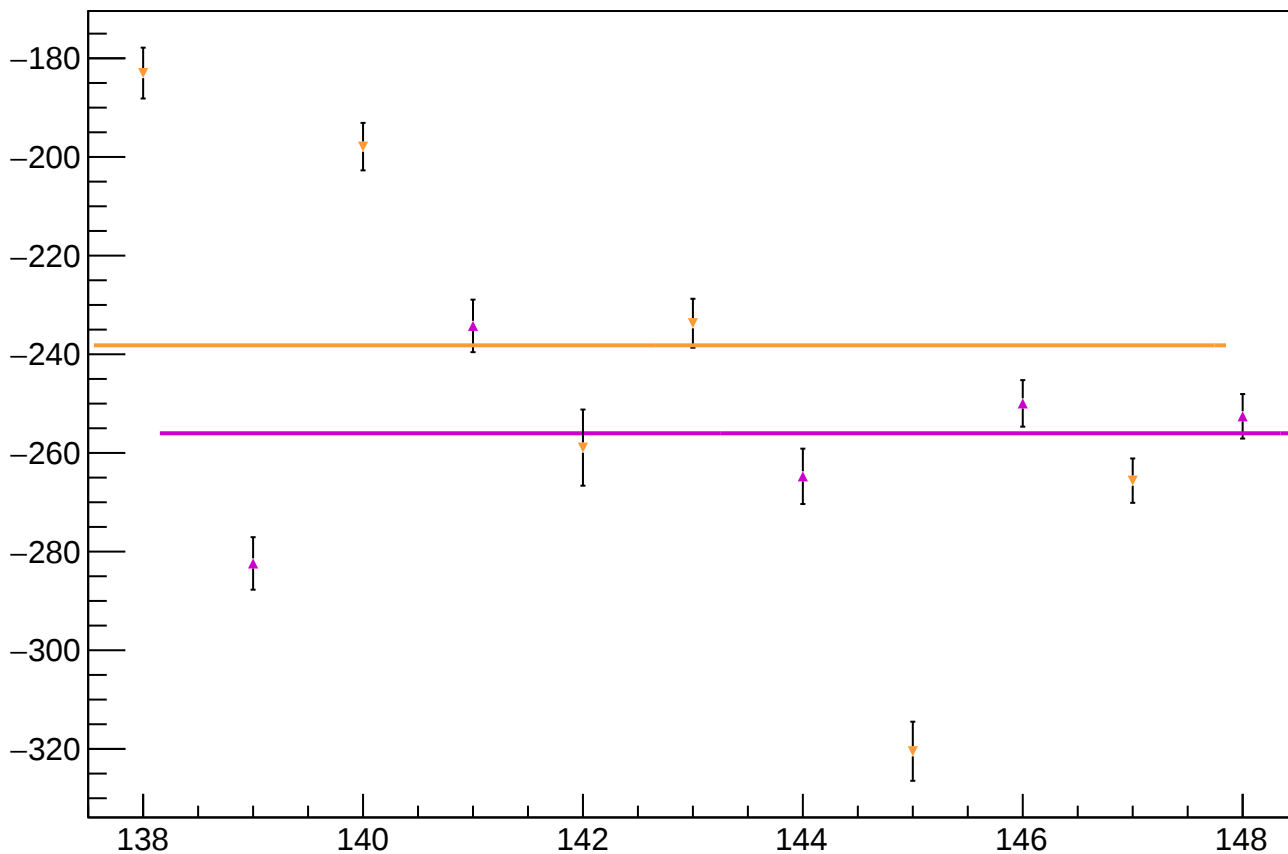
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 9.577 ± 0.031 χ^2/NDF : 500430.1/21

Out: 8.316 ± 0.032 χ^2/NDF : 781403.5/24

All: 8.973 ± 0.022 χ^2/NDF : 1282632.8/46

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: -238.185+/-2.154 χ^2/NDF : 418.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -256.013+/-2.256 χ^2/NDF : 46.0/4

Left: -246.683+/-1.558 χ^2/NDF : 497.3/10

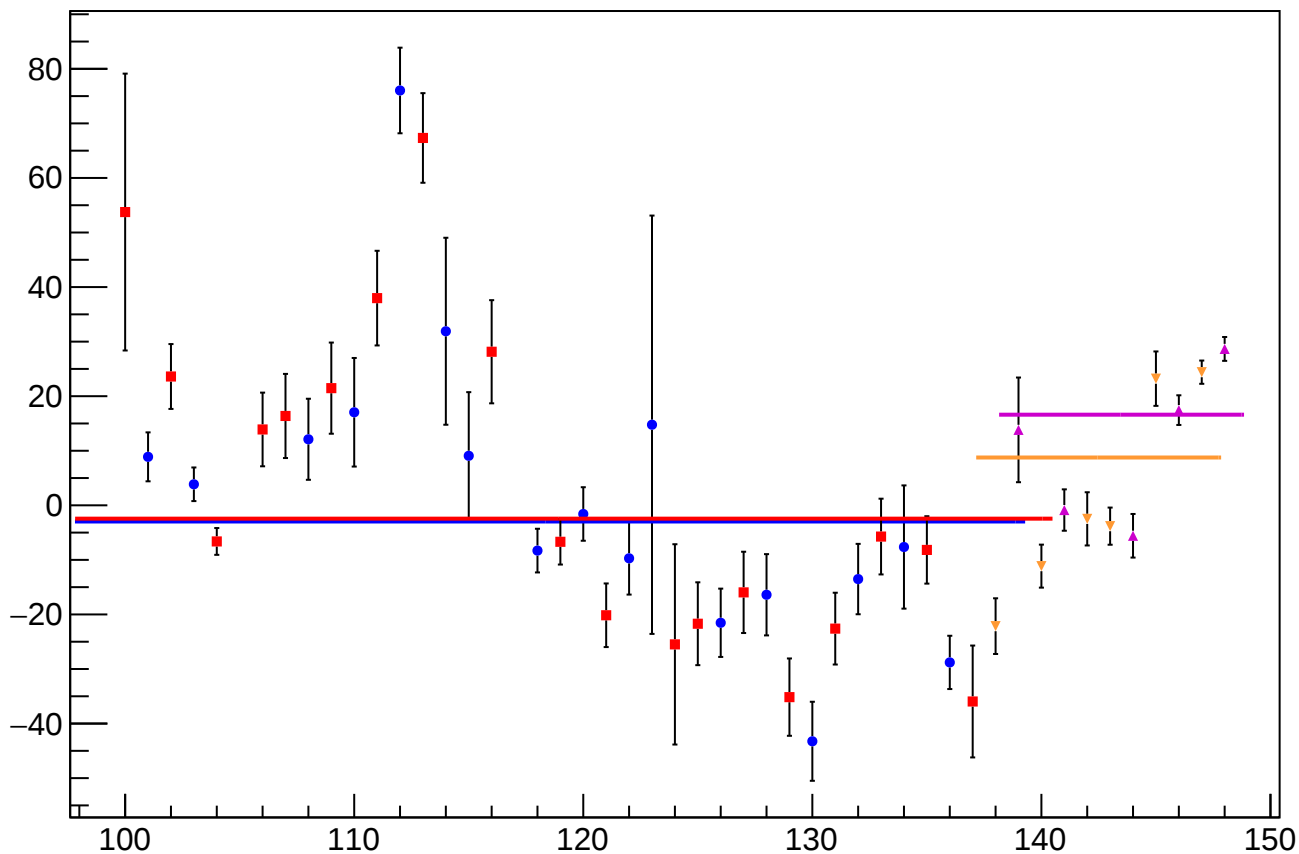
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -256.013+/-2.256 χ^2/NDF : 46.0/4

Out: -238.185+/-2.154 χ^2/NDF : 418.6/5

All: -246.683+/-1.558 χ^2/NDF : 497.3/10

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: 8.763 ± 1.426 χ^2/NDF : 143.5/5

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 16.610 ± 1.432 χ^2/NDF : 82.7/4

Left: 12.670 ± 1.011 χ^2/NDF : 241.2/10

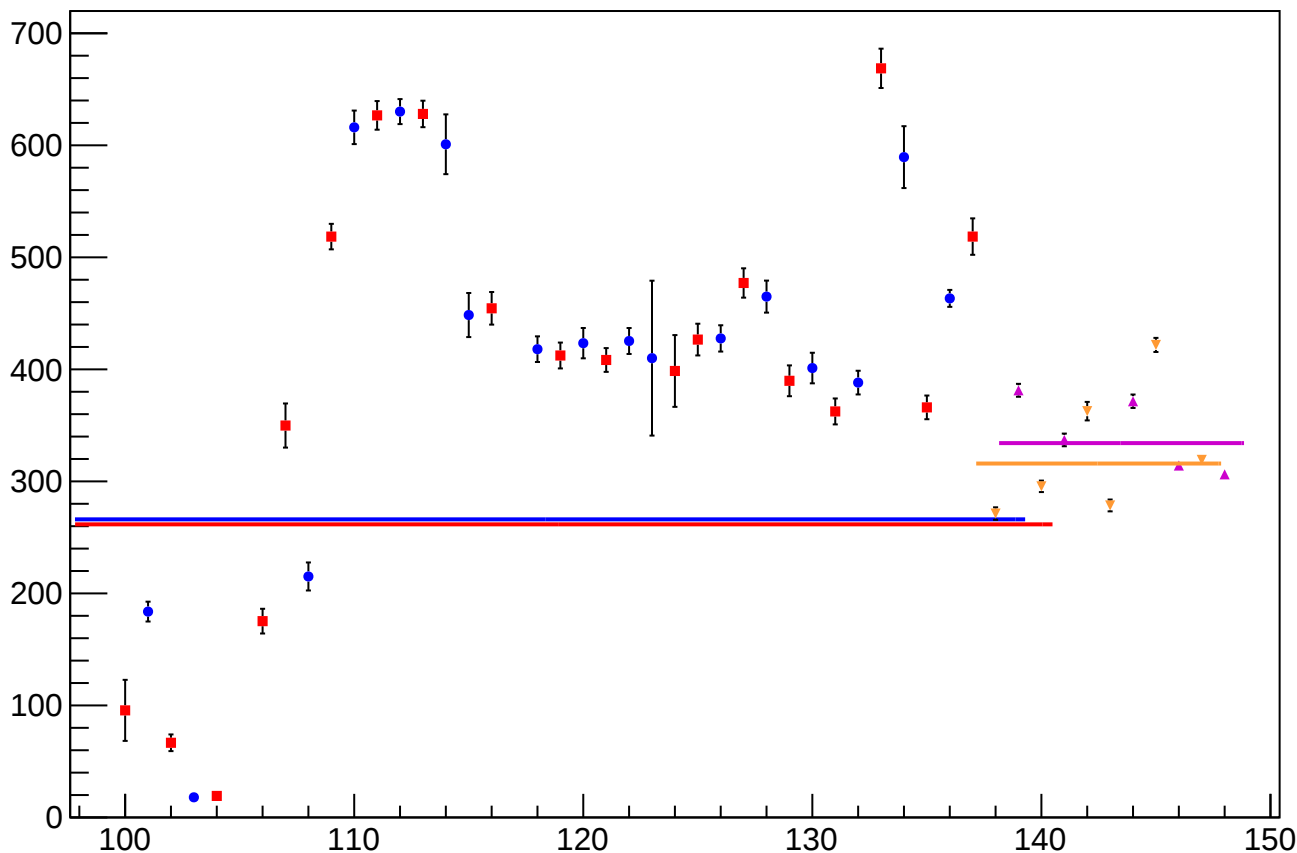
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 6.961 ± 1.020 χ^2/NDF : 378.3/21

Out: 3.042 ± 0.998 χ^2/NDF : 390.4/24

All: 4.959 ± 0.713 χ^2/NDF : 776.2/46

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: 315.937 $\pm$ 2.222 χ^2 /NDF:445.4/5

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 334.168 $\pm$ 2.269 χ^2 /NDF:169.2/4

Left: 324.863 $\pm$ 1.587 χ^2 /NDF: 647.6/10

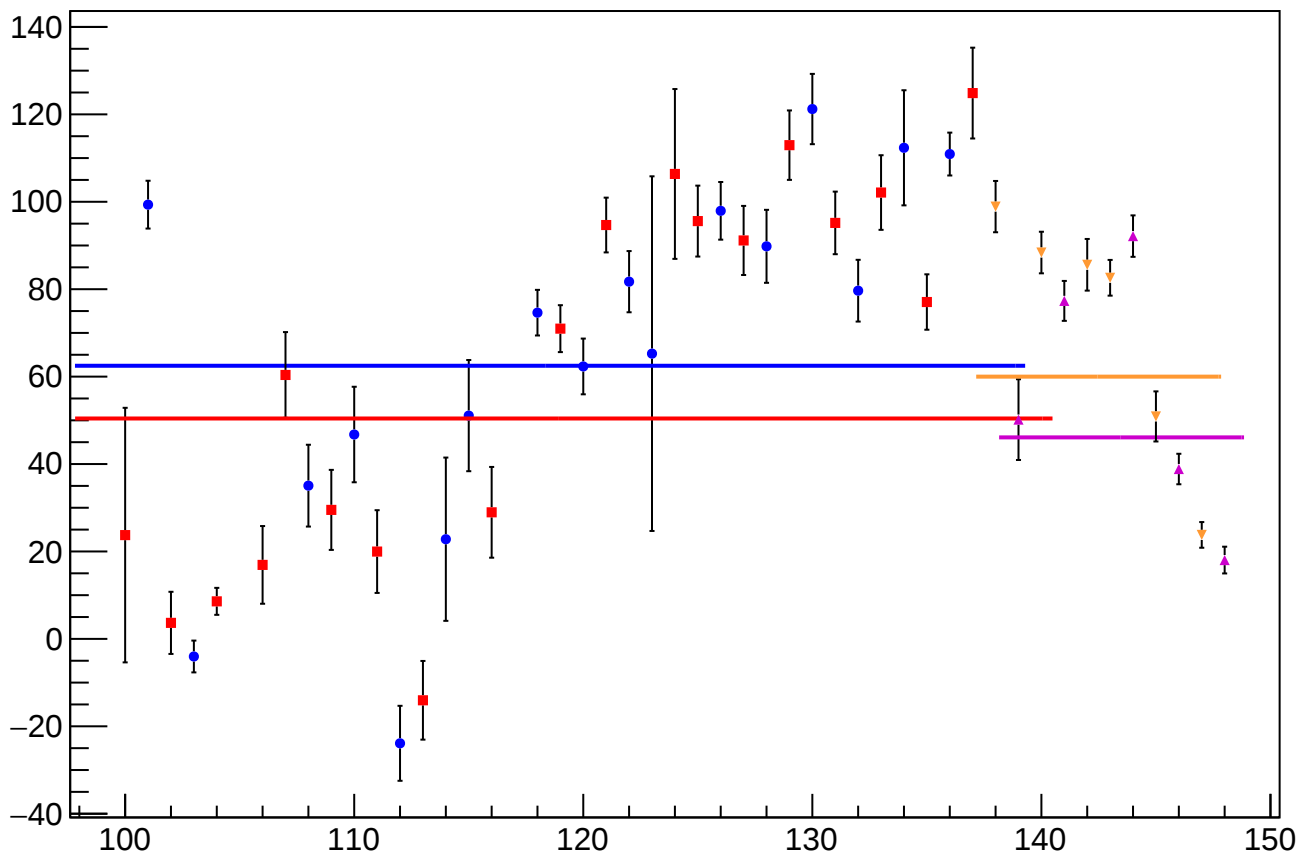
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 303.166 $\pm$ 1.674 χ^2 /NDF:8223.2/21

Out: 291.504 $\pm$ 1.648 χ^2 /NDF:8923.6/24

All: 297.243 $\pm$ 1.174 χ^2 /NDF: 17171.4/46

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 59.997 ± 1.802 $\chi^2/\text{NDF}: 283.3/5$

Right Out: 50.421 ± 1.642 $\chi^2/\text{NDF}: 651.4/18$

Left In: 46.099 ± 1.847 $\chi^2/\text{NDF}: 229.7/4$

Left: 53.220 ± 1.290 $\chi^2/\text{NDF}: 542.1/10$

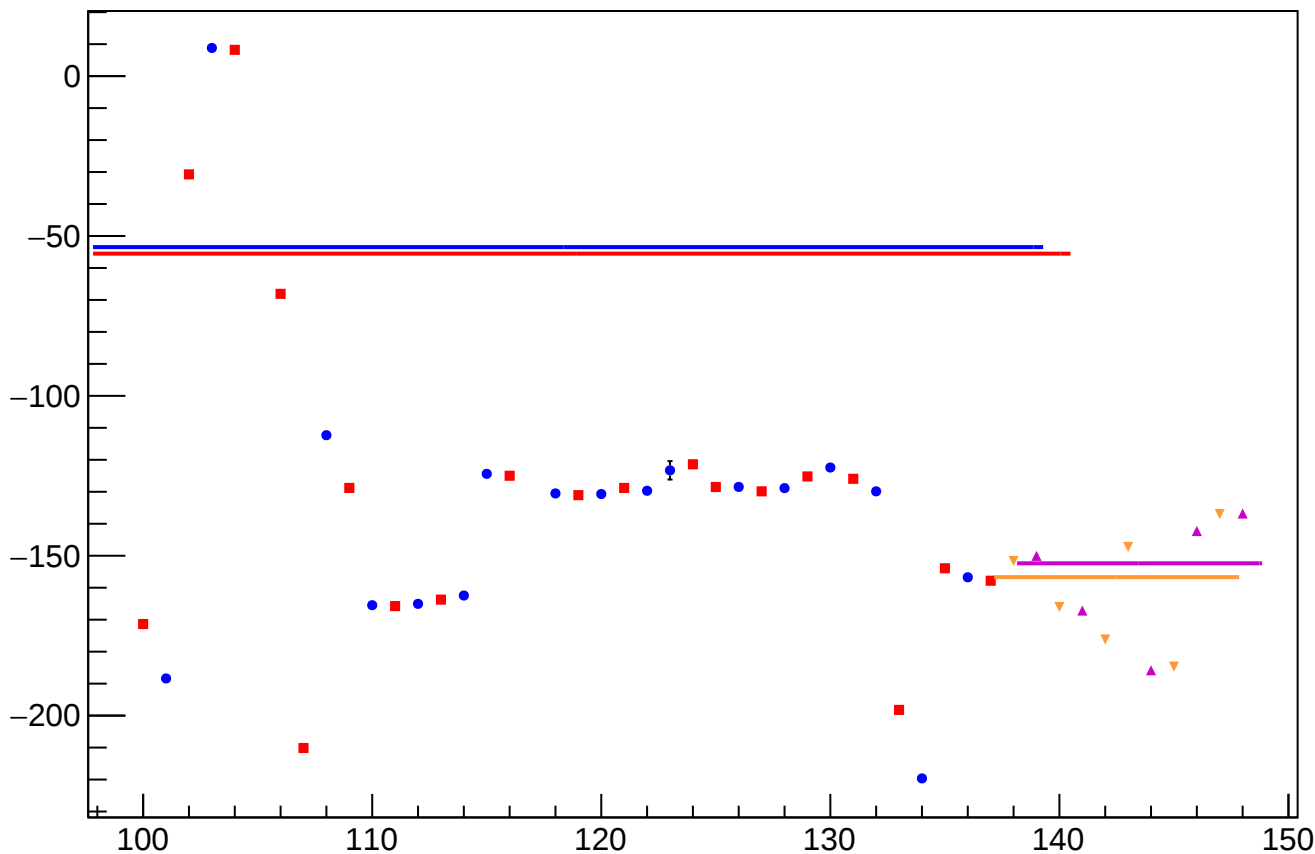
Right: 56.311 ± 1.174 $\chi^2/\text{NDF}: 1398.6/35$

In: 55.061 ± 1.243 $\chi^2/\text{NDF}: 993.6/21$

Out: 54.765 ± 1.214 $\chi^2/\text{NDF}: 950.2/24$

All: 54.909 ± 0.868 $\chi^2/\text{NDF}: 1943.8/46$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -156.699 $\pm$ 0.094 χ^2 /NDF: 30299.6/5

Right Out: -55.523 $\pm$ 0.072 χ^2 /NDF: 969818.3/18

Left In: -152.369 $\pm$ 0.095 χ^2 /NDF: 30249.4/4

Left: -154.551 $\pm$ 0.067 χ^2 /NDF: 61601.4/10

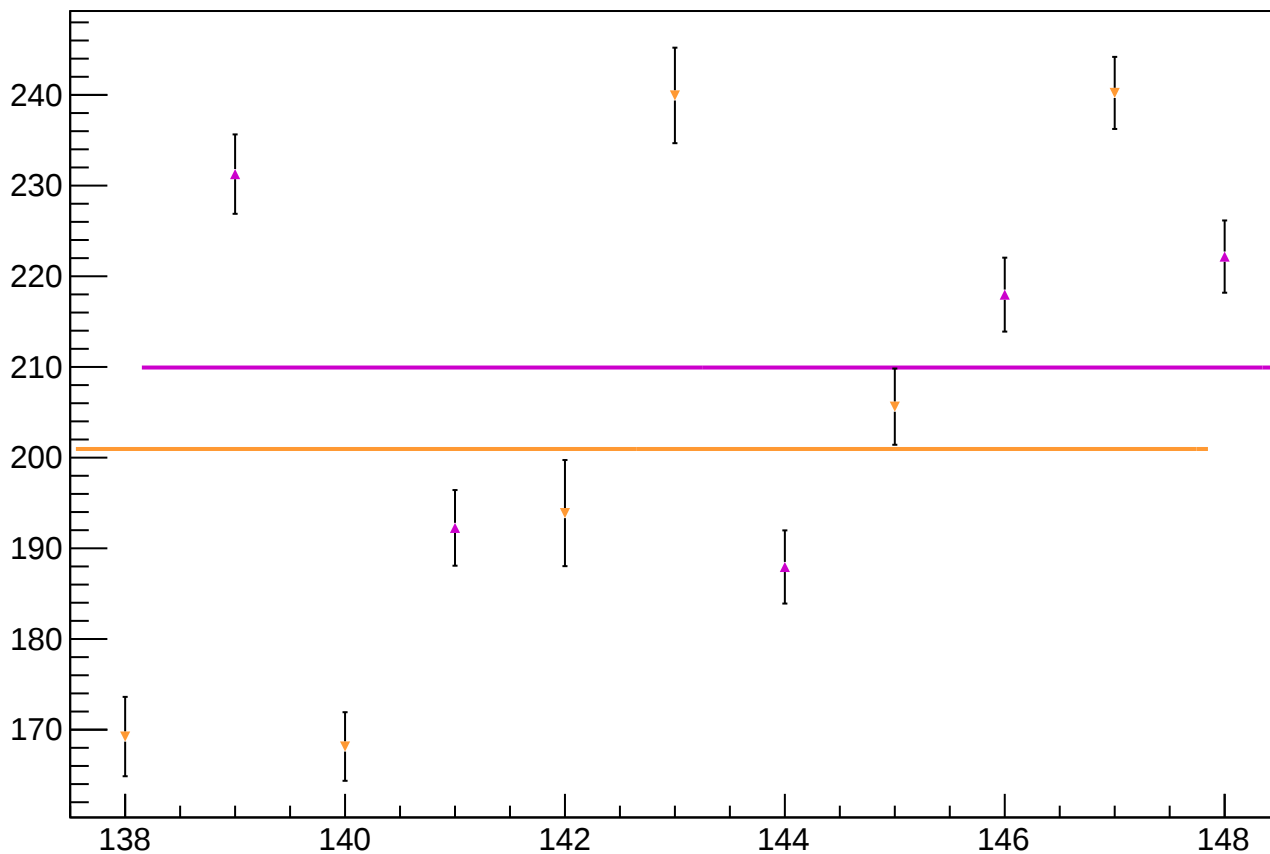
Right: -54.479 $\pm$ 0.050 χ^2 /NDF: 2198961.2/35

In: -88.603 $\pm$ 0.056 χ^2 /NDF: 1961563.3/21

Out: -92.852 $\pm$ 0.057 χ^2 /NDF: 1730855.9/24

All: -90.703 $\pm$ 0.040 χ^2 /NDF: 3695219.1/46

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: 200.955+/-1.804 χ^2/NDF :282.9/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 209.937+/-1.844 χ^2/NDF :84.7/4

Left: 205.348+/-1.289 χ^2/NDF : 379.8/10

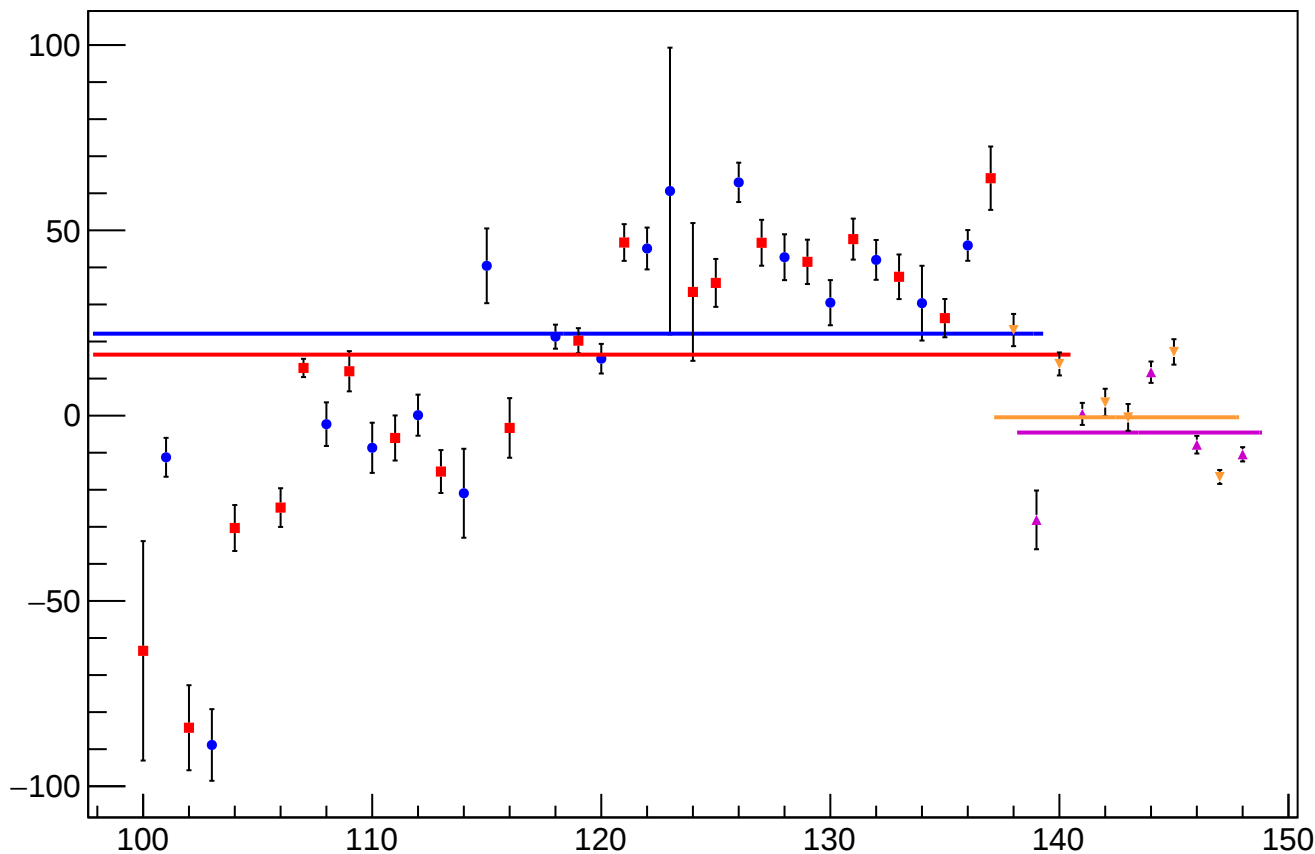
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 209.937+/-1.844 χ^2/NDF :84.7/4

Out: 200.955+/-1.804 χ^2/NDF :282.9/5

All: 205.348+/-1.289 χ^2/NDF : 379.8/10

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: -0.445 ± 1.219 $\chi^2/\text{NDF}: 151.5/5$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: -4.561 ± 1.200 $\chi^2/\text{NDF}: 54.8/4$

Left: -2.535 ± 0.855 $\chi^2/\text{NDF}: 212.1/10$

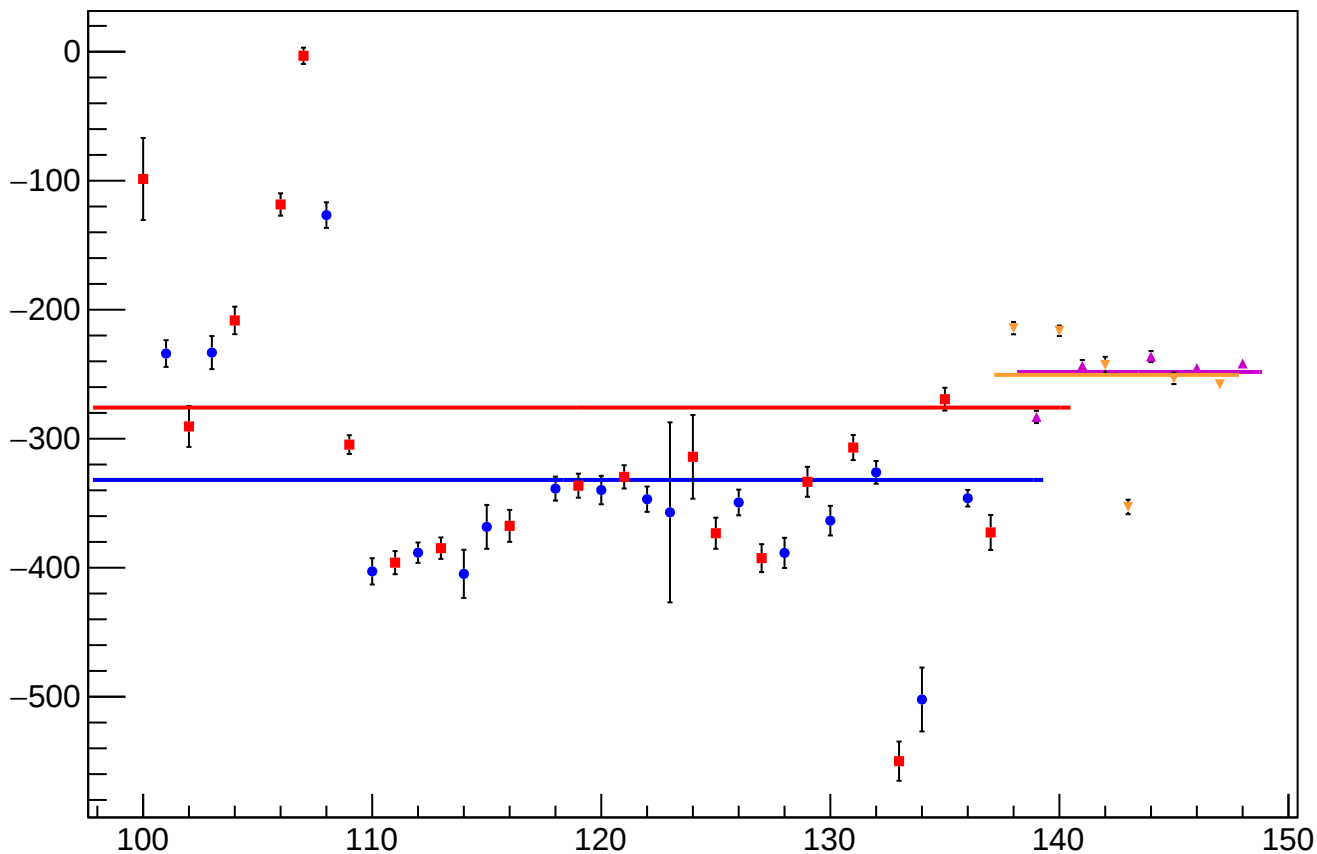
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 6.962 ± 0.905 $\chi^2/\text{NDF}: 650.2/21$

Out: 7.945 ± 0.865 $\chi^2/\text{NDF}: 671.2/24$

All: 7.475 ± 0.625 $\chi^2/\text{NDF}: 1322.0/46$

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: -250.524 ± 1.869 χ^2/NDF : 468.4/5

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -248.243 ± 1.868 χ^2/NDF : 66.7/4

Left: -249.383 ± 1.321 χ^2/NDF : 535.8/10

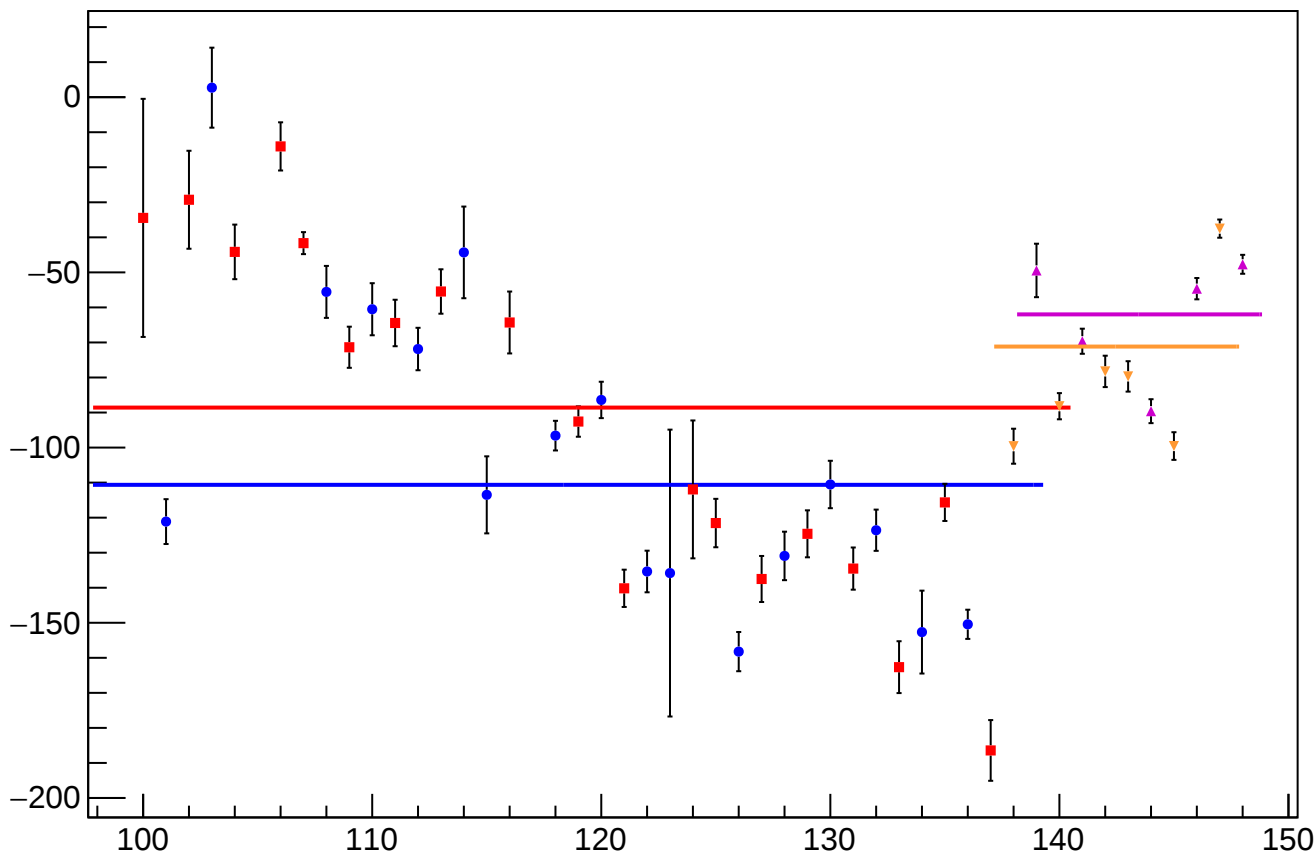
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -277.218 ± 1.510 χ^2/NDF : 1547.5/21

Out: -260.475 ± 1.456 χ^2/NDF : 3902.2/24

All: -268.540 ± 1.048 χ^2/NDF : 5513.3/46

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: -71.172 ± 1.530 χ^2/NDF : 279.1/5

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -61.988 ± 1.532 χ^2/NDF : 106.5/4

Left: -66.585 ± 1.083 χ^2/NDF : 403.6/10

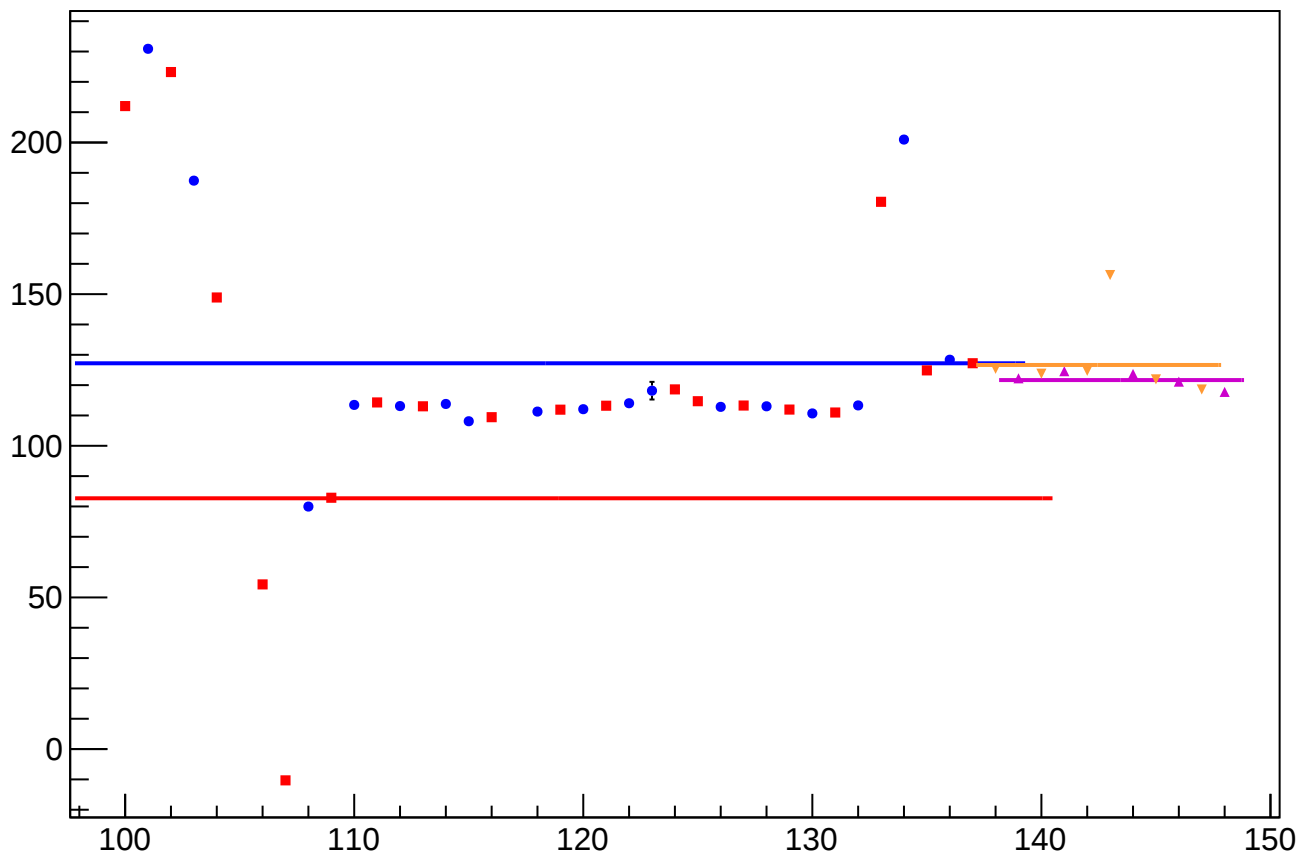
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -85.546 ± 1.100 χ^2/NDF : 1103.5/21

Out: -80.450 ± 1.046 χ^2/NDF : 1314.6/24

All: -82.869 ± 0.758 χ^2/NDF : 2429.4/46

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: 126.649 $\pm$ 0.079 χ^2 /NDF:20410.1/5

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 121.671 $\pm$ 0.078 χ^2 /NDF:994.6/4

Left: 124.133 $\pm$ 0.055 χ^2 /NDF: 23423.4/10

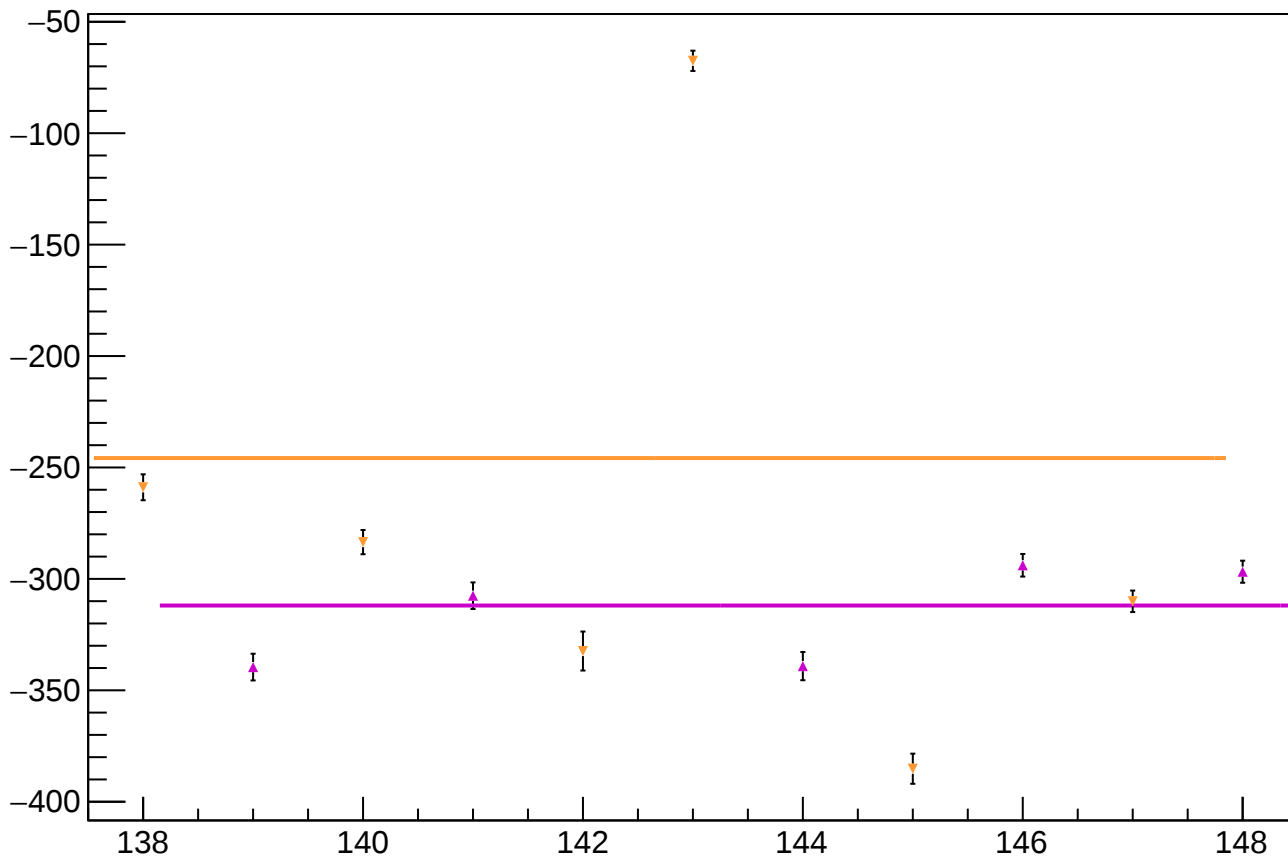
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 124.068 $\pm$ 0.059 χ^2 /NDF:191205.5/21

Out: 103.681 $\pm$ 0.054 χ^2 /NDF:948927.8/24

All: 113.110 $\pm$ 0.040 χ^2 /NDF: 1205051.7/46

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: -245.780+/-2.296 χ^2/NDF :2289.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -311.947+/-2.496 χ^2/NDF :62.3/4

Left: -276.102+/-1.690 χ^2/NDF : 2732.2/10

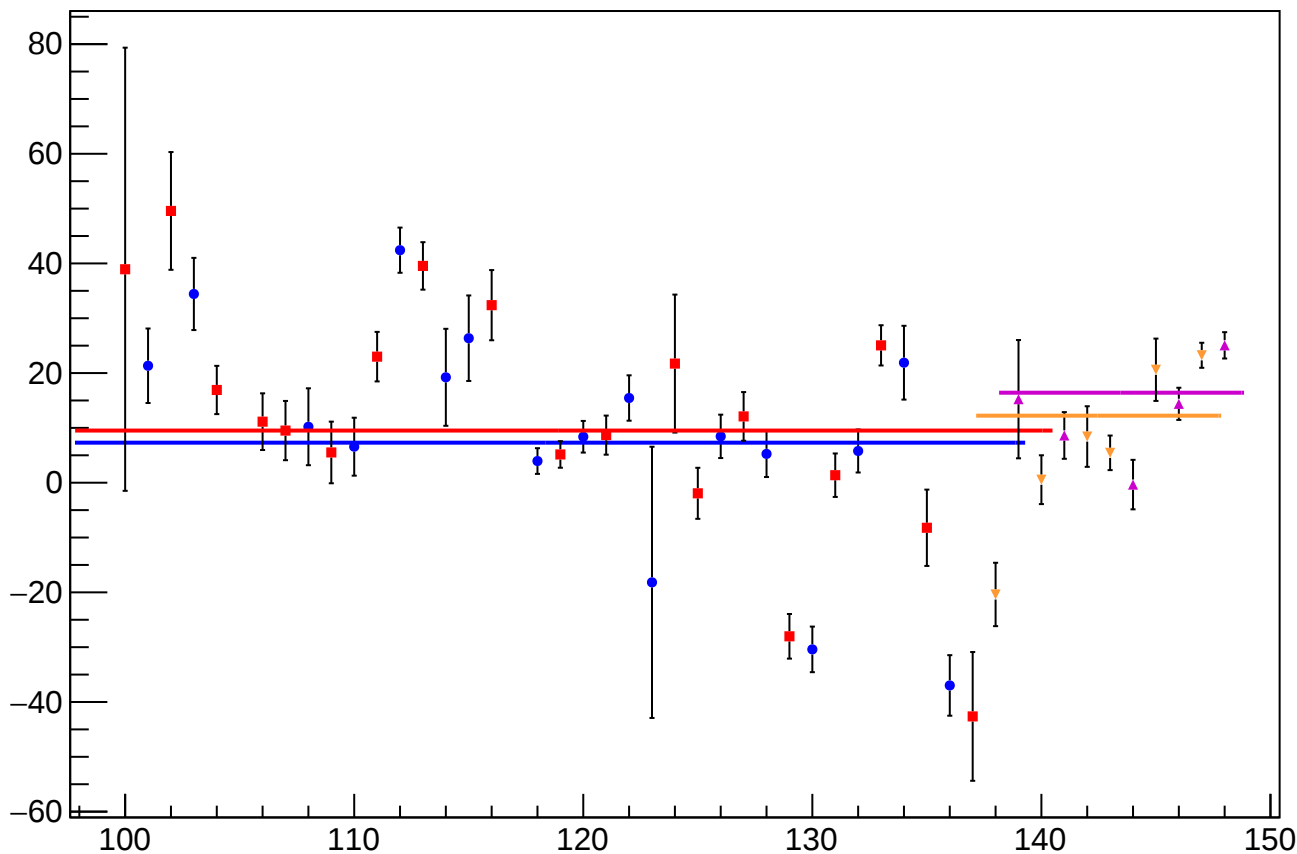
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -311.947+/-2.496 χ^2/NDF :62.3/4

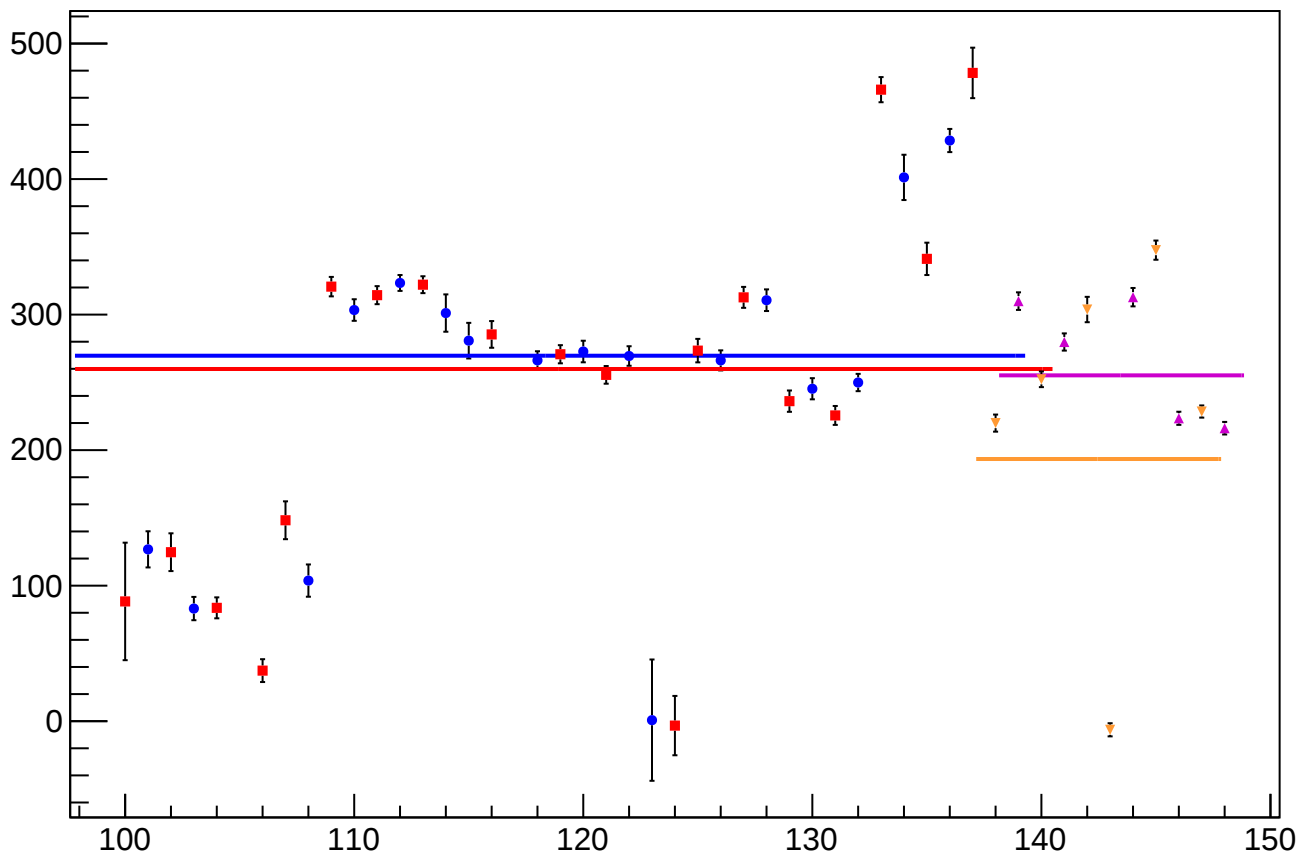
Out: -245.780+/-2.296 χ^2/NDF :2289.4/5

All: -276.102+/-1.690 χ^2/NDF : 2732.2/10

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 193.457 $\pm$ 2.369 χ^2/NDF :2488.9/5

Right Out: 259.869 $\pm$ 1.977 χ^2/NDF : 2543.7/18

Left In: 255.174 $\pm$ 2.505 χ^2/NDF :272.0/4

Left: 222.597 $\pm$ 1.721 χ^2/NDF : 3081.4/10

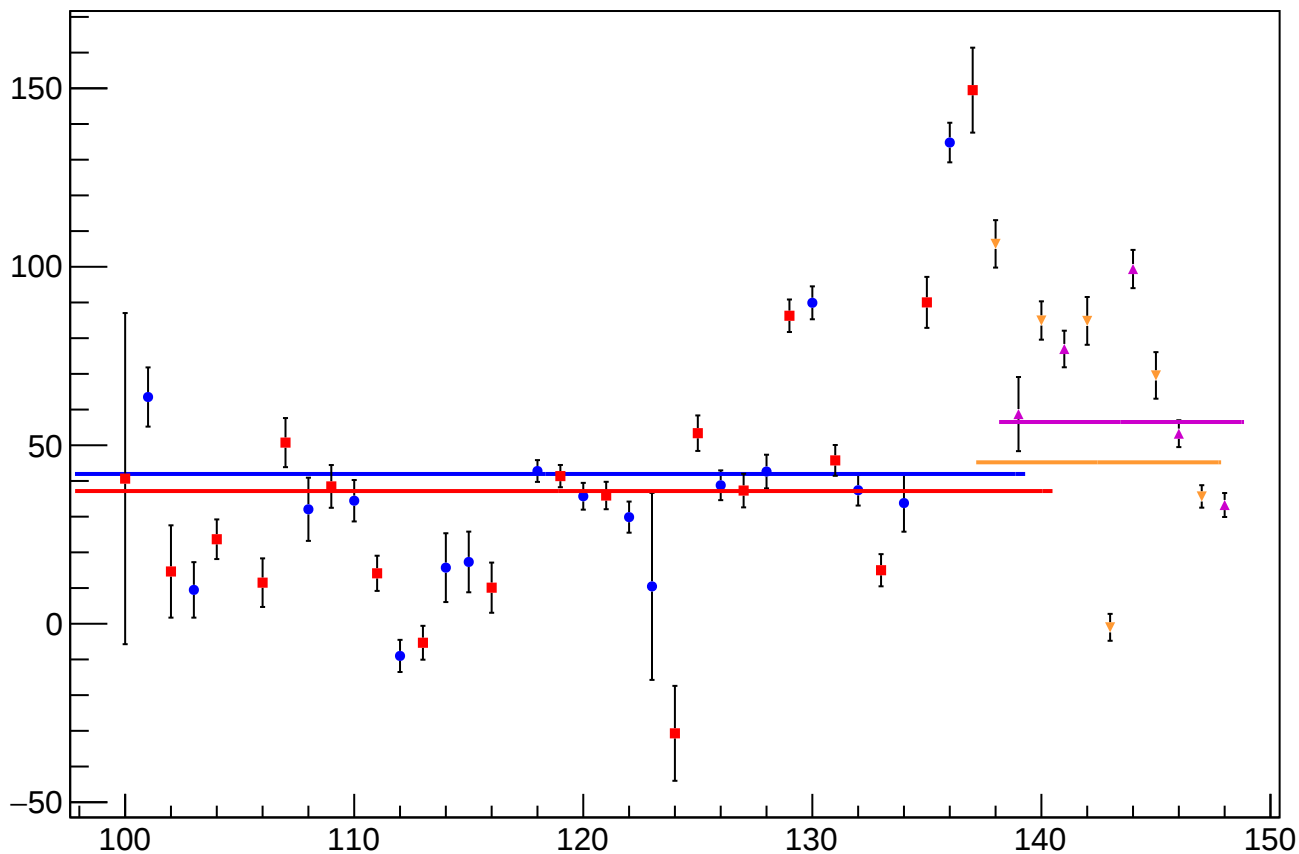
Right: 264.527 $\pm$ 1.432 χ^2/NDF : 3931.9/35

In: 263.763 $\pm$ 1.598 χ^2/NDF :1668.5/21

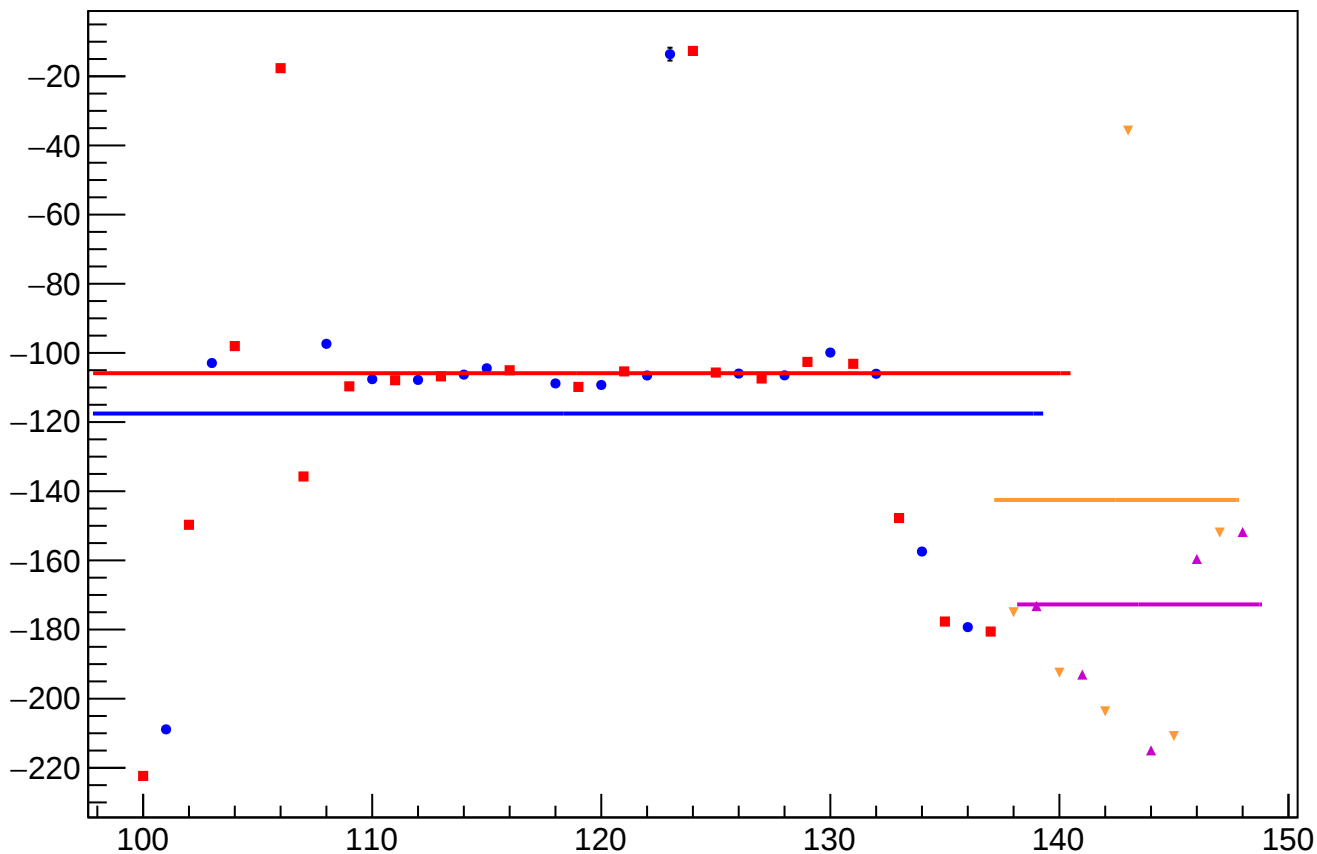
Out: 232.609 $\pm$ 1.518 χ^2/NDF :5495.9/24

All: 247.380 $\pm$ 1.101 χ^2/NDF : 7364.2/46

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -142.516+/-0.100 χ^2/NDF : 444041.9/5

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -172.741+/-0.105 χ^2/NDF : 40972.0/4

Left: -156.914+/-0.072 χ^2/NDF : 528520.1/10

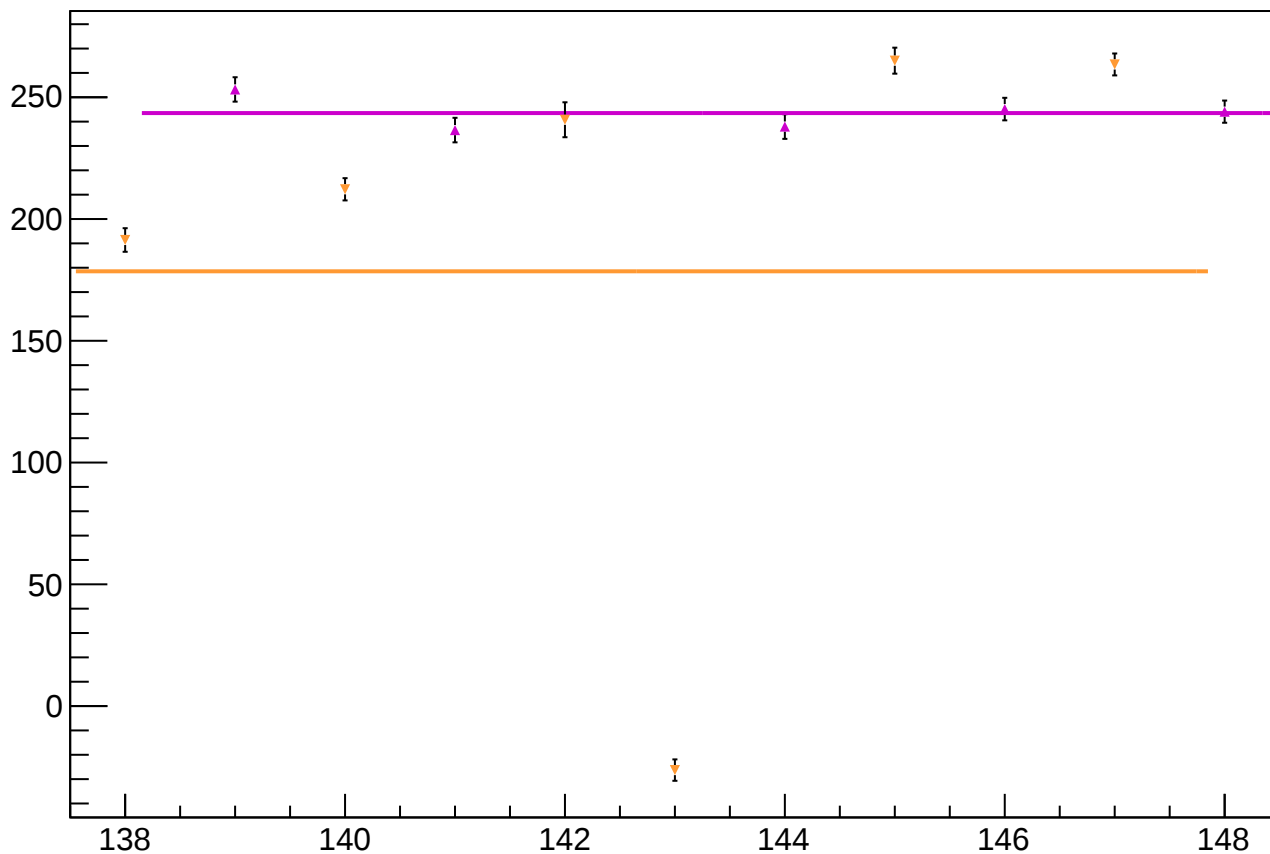
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -137.240+/-0.063 χ^2/NDF : 361263.8/21

Out: -118.555+/-0.059 χ^2/NDF : 856156.2/24

All: -127.313+/-0.043 χ^2/NDF : 1264676.7/46

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: 178.530+/-2.015 χ^2/NDF :2927.5/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 243.508+/-2.166 χ^2/NDF :7.0/4

Left: 208.687+/-1.475 χ^2/NDF : 3416.9/10

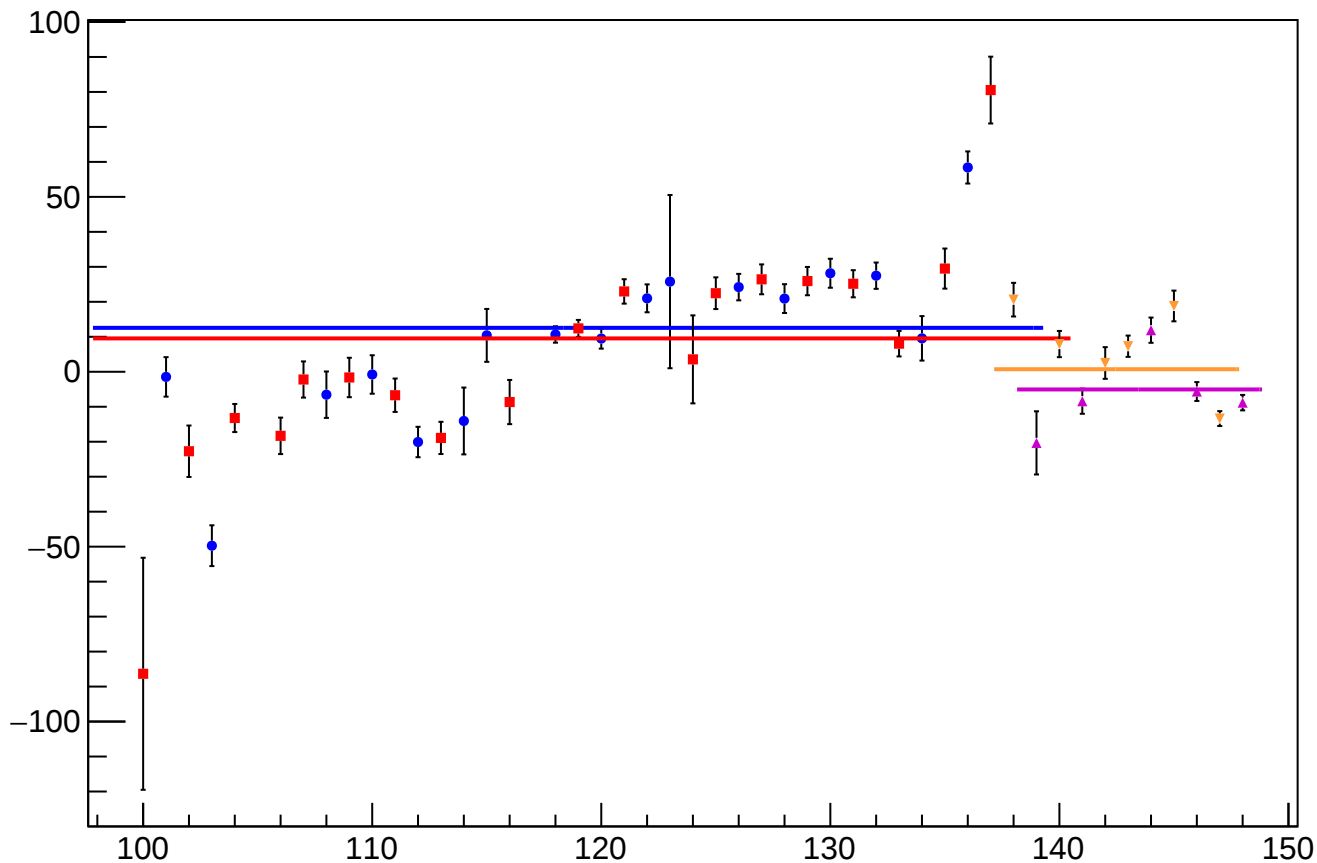
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 243.508+/-2.166 χ^2/NDF :7.0/4

Out: 178.530+/-2.015 χ^2/NDF :2927.5/5

All: 208.687+/-1.475 χ^2/NDF : 3416.9/10

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: 0.729+/-1.357 χ^2/NDF : 86.4/5

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -5.054+/-1.402 χ^2/NDF : 28.7/4

Left: -2.069+/-0.975 χ^2/NDF : 123.9/10

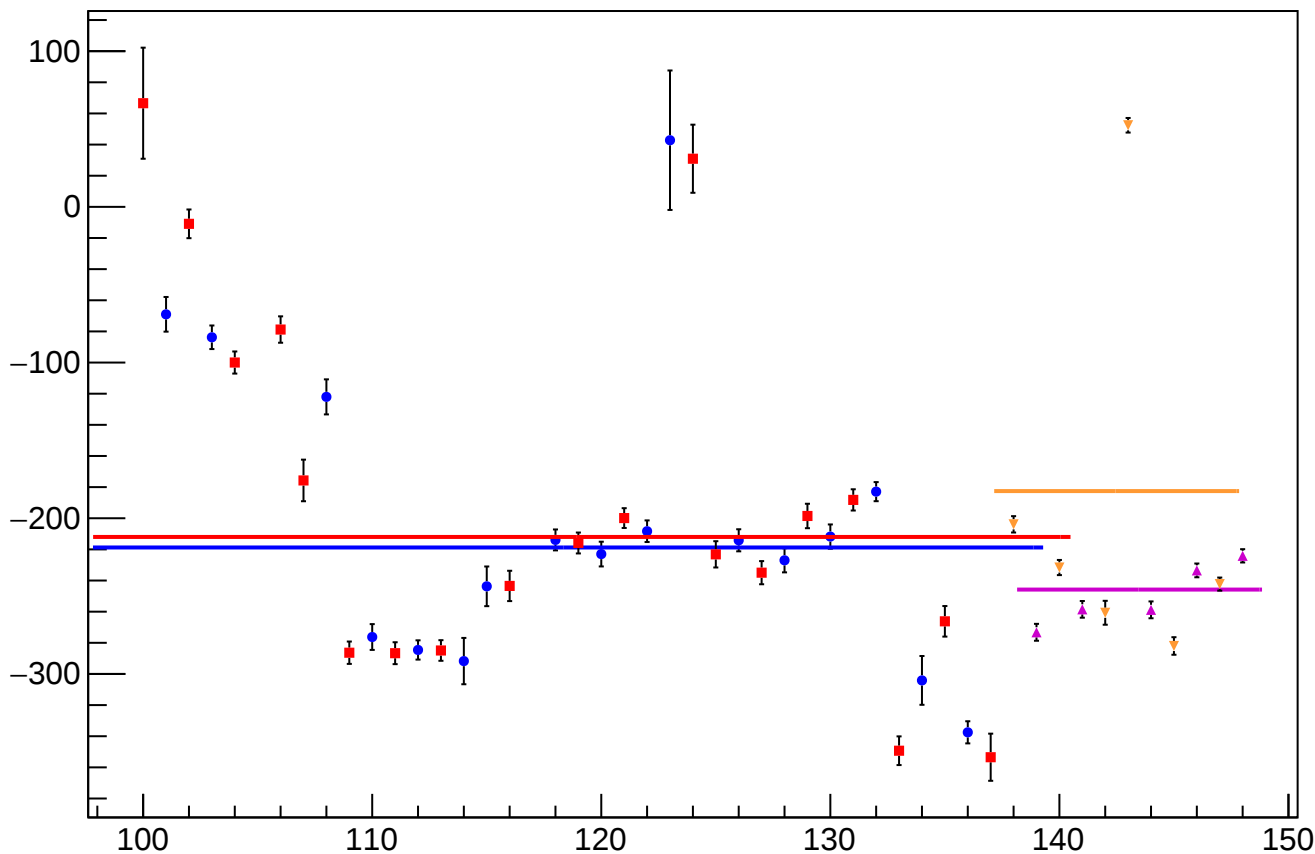
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 6.172+/-0.844 χ^2/NDF : 477.9/21

Out: 6.243+/-0.830 χ^2/NDF : 408.5/24

All: 6.208+/-0.592 χ^2/NDF : 886.5/46

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: -182.550 ± 2.089 $\chi^2/\text{NDF}: 3247.4/5$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -245.808 ± 2.188 $\chi^2/\text{NDF}: 70.5/4$

Left: -212.727 ± 1.511 $\chi^2/\text{NDF}: 3755.2/10$

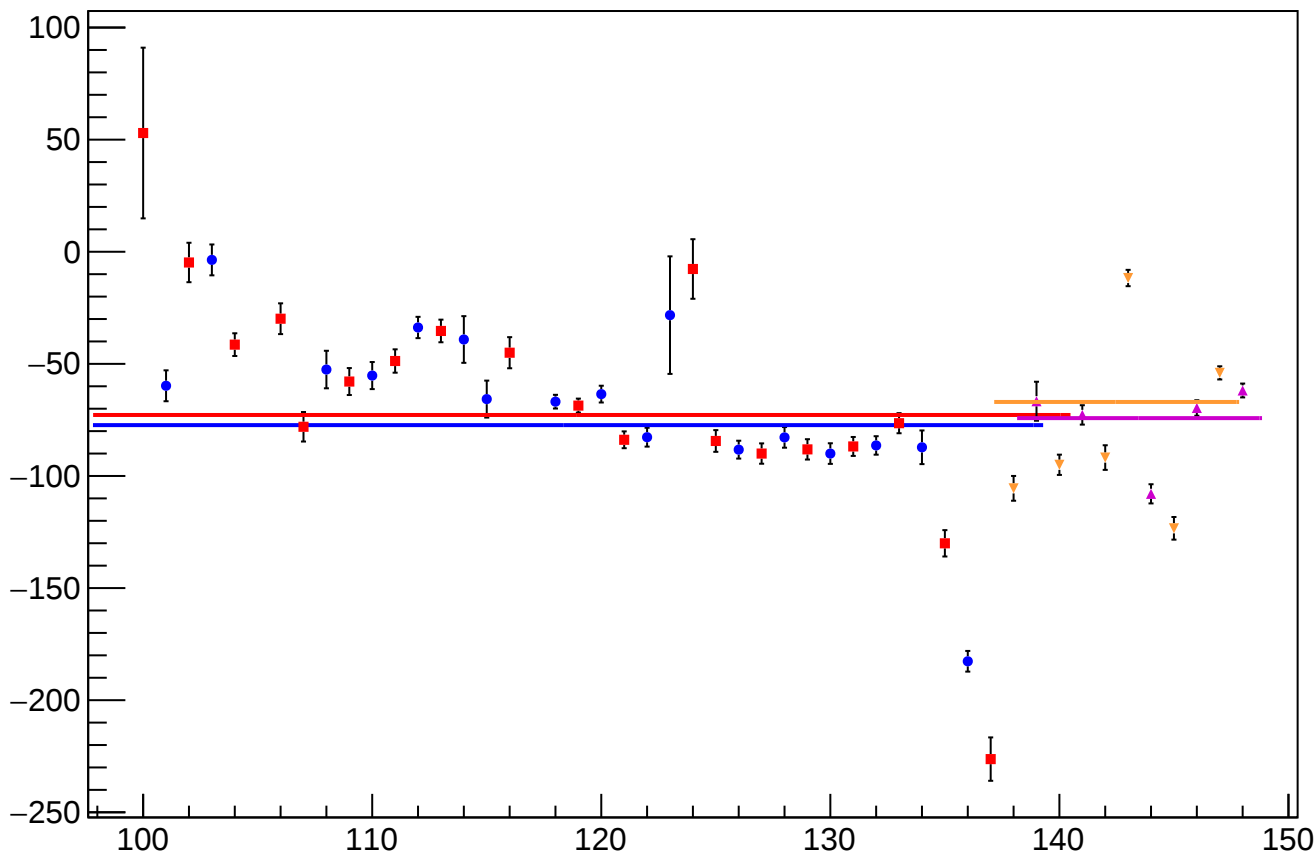
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -231.148 ± 1.480 $\chi^2/\text{NDF}: 1297.7/21$

Out: -198.493 ± 1.415 $\chi^2/\text{NDF}: 5240.6/24$

All: -214.087 ± 1.023 $\chi^2/\text{NDF}: 6792.7/46$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -66.988 ± 1.702 χ^2/NDF : 481.8/5

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -74.200 ± 1.796 χ^2/NDF : 80.8/4

Left: -70.400 ± 1.236 χ^2/NDF : 571.1/10

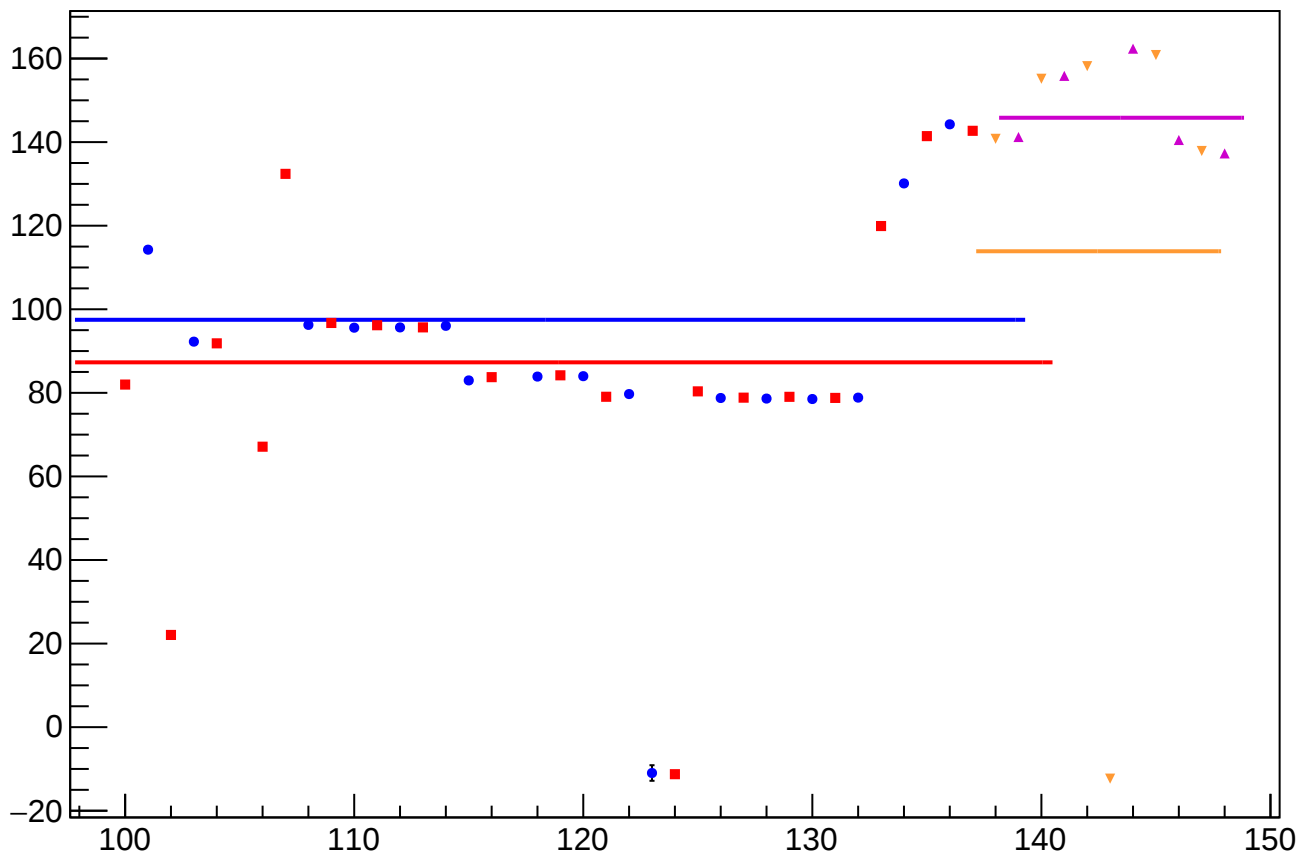
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -76.332 ± 1.010 χ^2/NDF : 900.6/21

Out: -70.852 ± 0.985 χ^2/NDF : 1161.3/24

All: -73.522 ± 0.705 χ^2/NDF : 2076.9/46

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: 113.881+/-0.088 χ^2/NDF : 583959.4/5

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 145.829+/-0.091 χ^2/NDF : 10464.3/4

Left: 129.260+/-0.063 χ^2/NDF : 658139.0/10

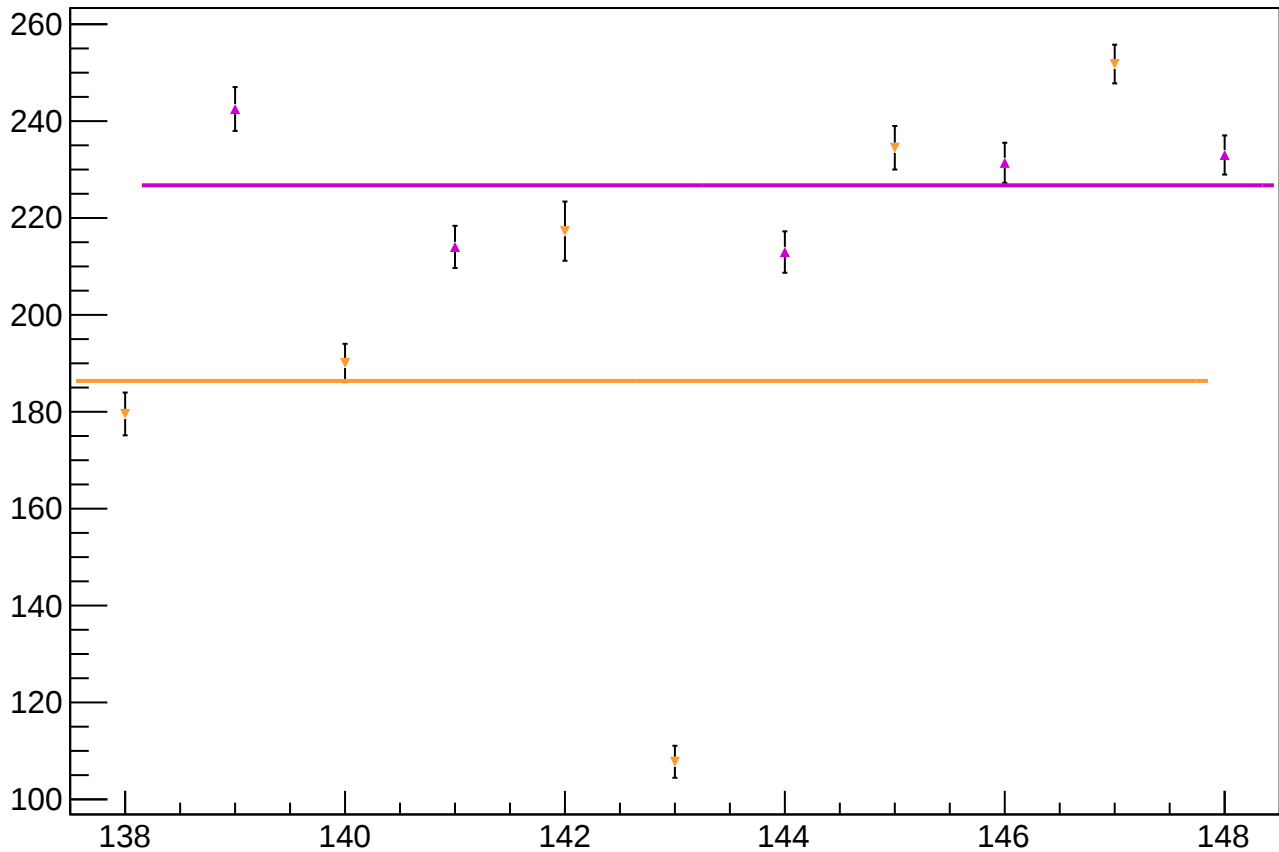
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 116.491+/-0.057 χ^2/NDF : 275585.1/21

Out: 97.304+/-0.054 χ^2/NDF : 862984.4/24

All: 106.331+/-0.039 χ^2/NDF : 1198247.7/46

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: 186.370+/-1.701 χ^2/NDF :976.8/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 226.752+/-1.904 χ^2/NDF :34.7/4

Left: 204.293+/-1.269 χ^2/NDF : 1261.6/10

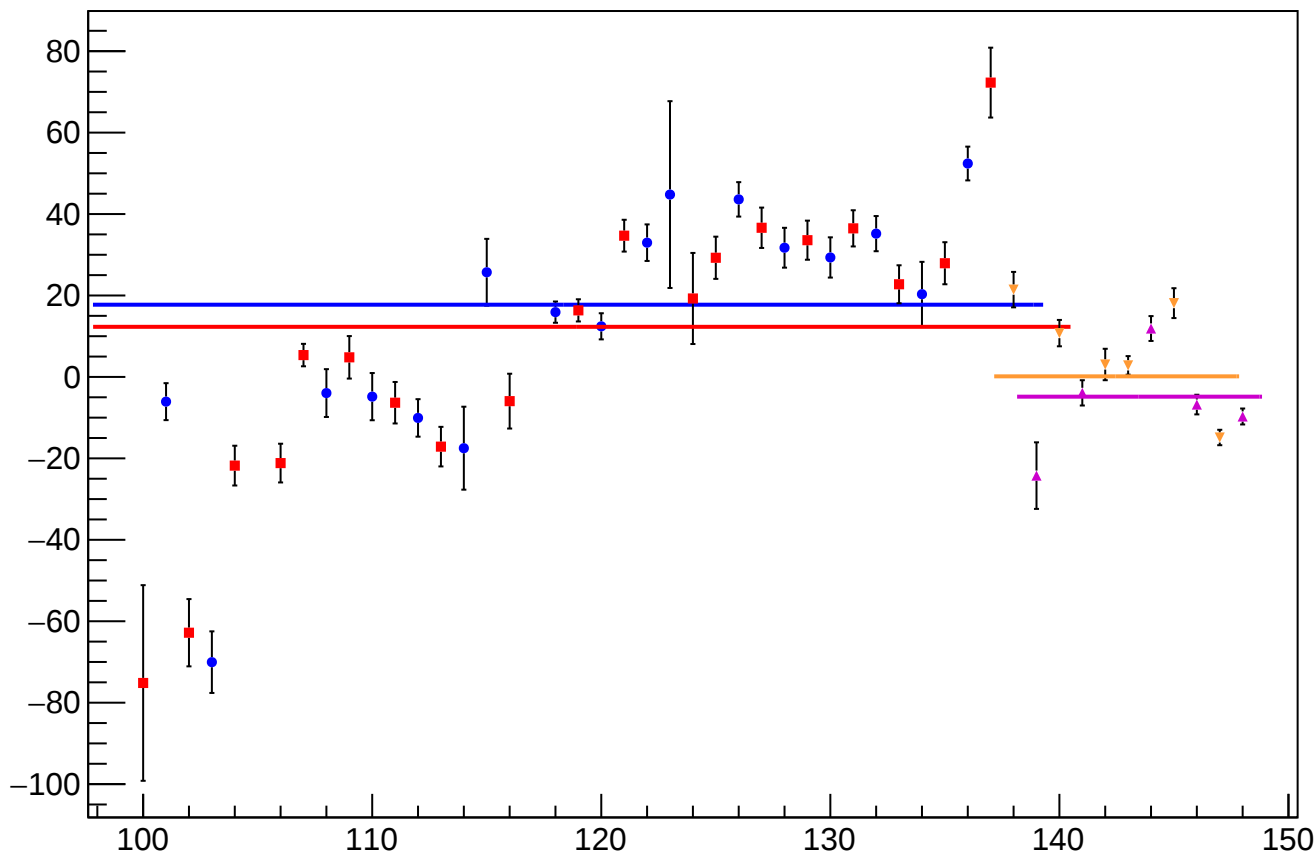
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 226.752+/-1.904 χ^2/NDF :34.7/4

Out: 186.370+/-1.701 χ^2/NDF :976.8/5

All: 204.293+/-1.269 χ^2/NDF : 1261.6/10

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: 0.143 ± 1.146 $\chi^2/\text{NDF}: 123.6/5$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -4.848 ± 1.232 $\chi^2/\text{NDF}: 42.6/4$

Left: -2.173 ± 0.839 $\chi^2/\text{NDF}: 175.0/10$

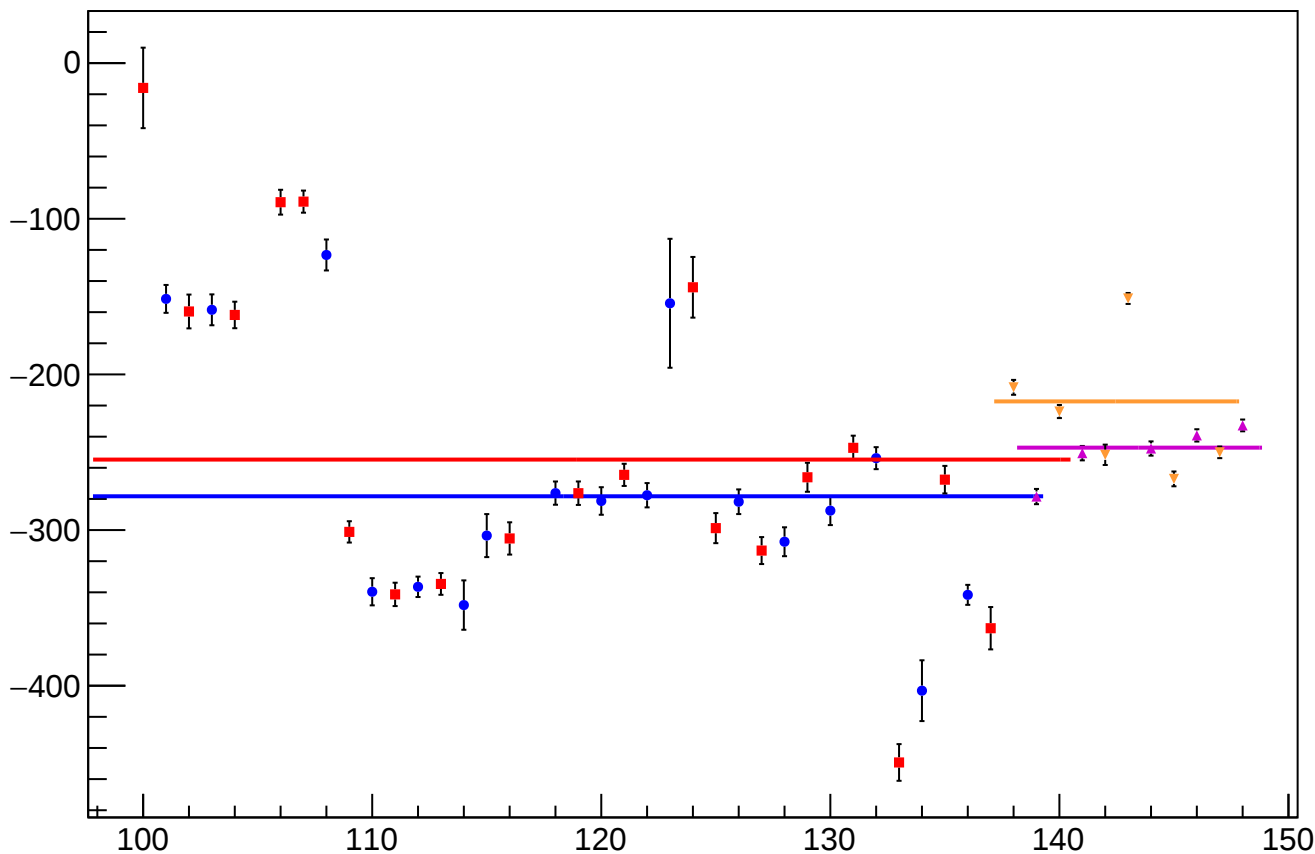
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 7.236 ± 0.840 $\chi^2/\text{NDF}: 616.4/21$

Out: 6.563 ± 0.788 $\chi^2/\text{NDF}: 625.4/24$

All: 6.878 ± 0.575 $\chi^2/\text{NDF}: 1242.2/46$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -217.340 ± 1.768 $\chi^2/\text{NDF}: 571.6/5$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -247.051 ± 1.926 $\chi^2/\text{NDF}: 59.9/4$

Left: -230.933 ± 1.302 $\chi^2/\text{NDF}: 760.7/10$

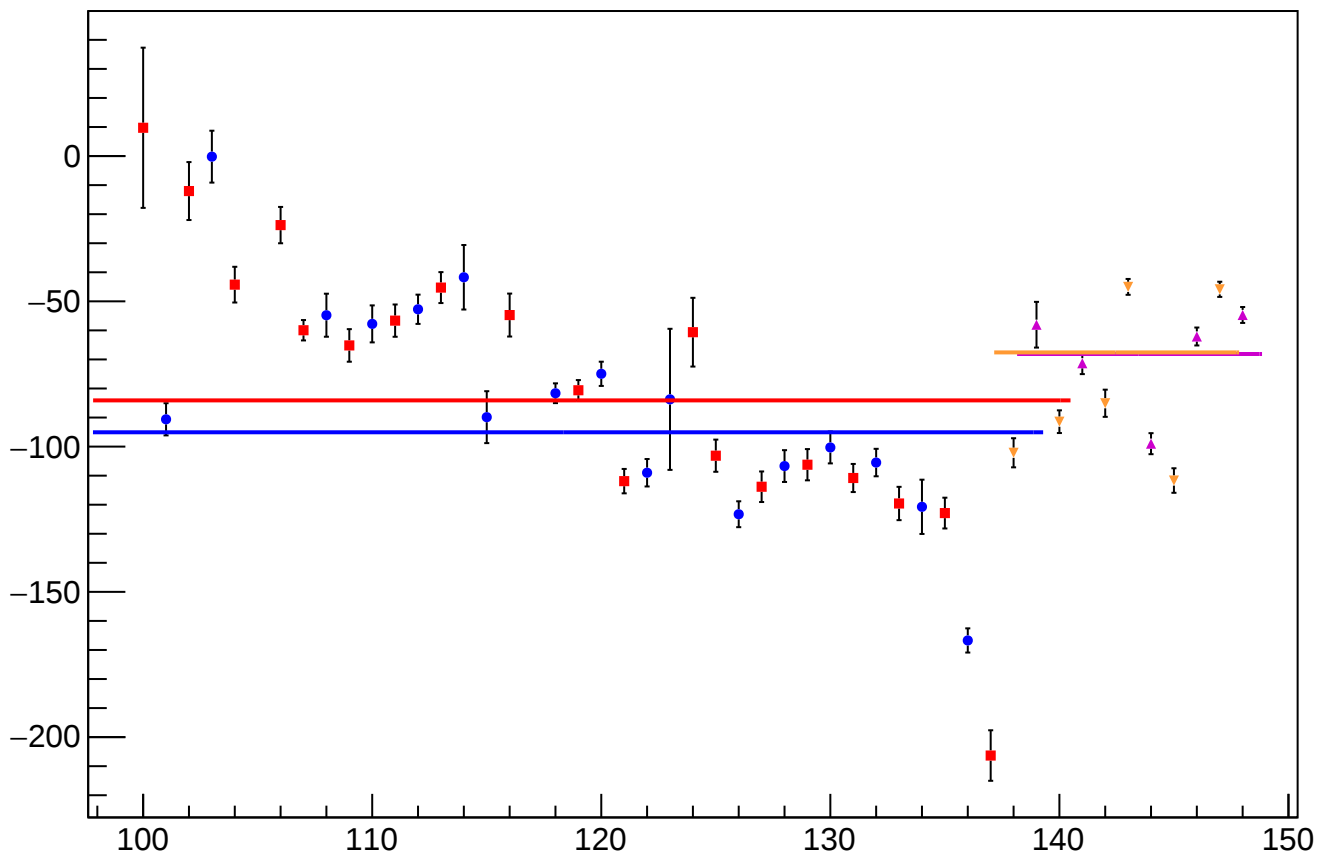
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -260.799 ± 1.441 $\chi^2/\text{NDF}: 1085.7/21$

Out: -233.567 ± 1.330 $\chi^2/\text{NDF}: 2803.5/24$

All: -246.096 ± 0.977 $\chi^2/\text{NDF}: 4082.1/46$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -67.579 ± 1.432 χ^2/NDF : 345.2/5

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -68.128 ± 1.577 χ^2/NDF : 103.0/4

Left: -67.827 ± 1.060 χ^2/NDF : 448.2/10

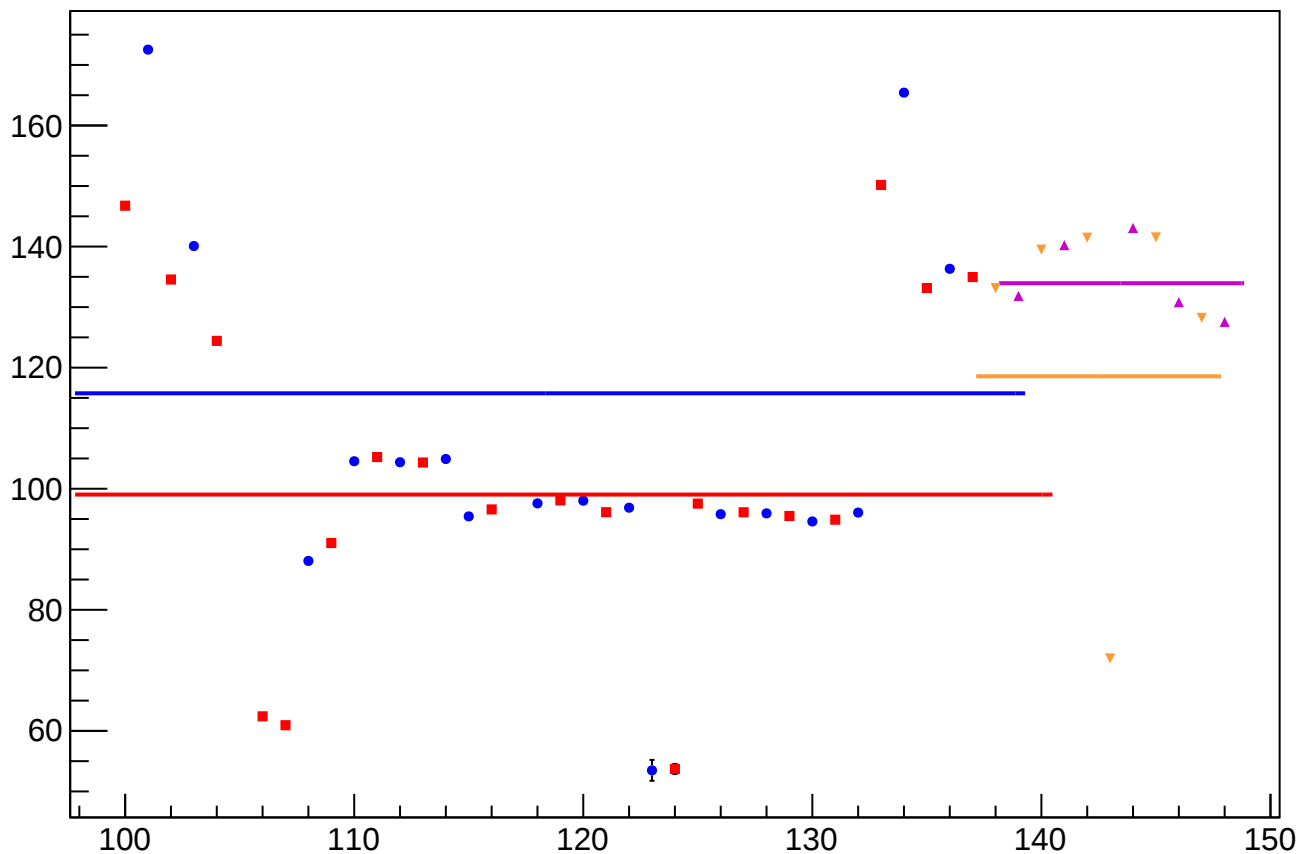
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -83.917 ± 1.015 χ^2/NDF : 947.3/21

Out: -76.905 ± 0.945 χ^2/NDF : 1200.7/24

All: -80.161 ± 0.691 χ^2/NDF : 2173.6/46

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: 118.571+/-0.074 χ^2/NDF :152277.5/5

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 133.950+/-0.080 χ^2/NDF :5198.5/4

Left: 125.637+/-0.054 χ^2/NDF : 177266.6/10

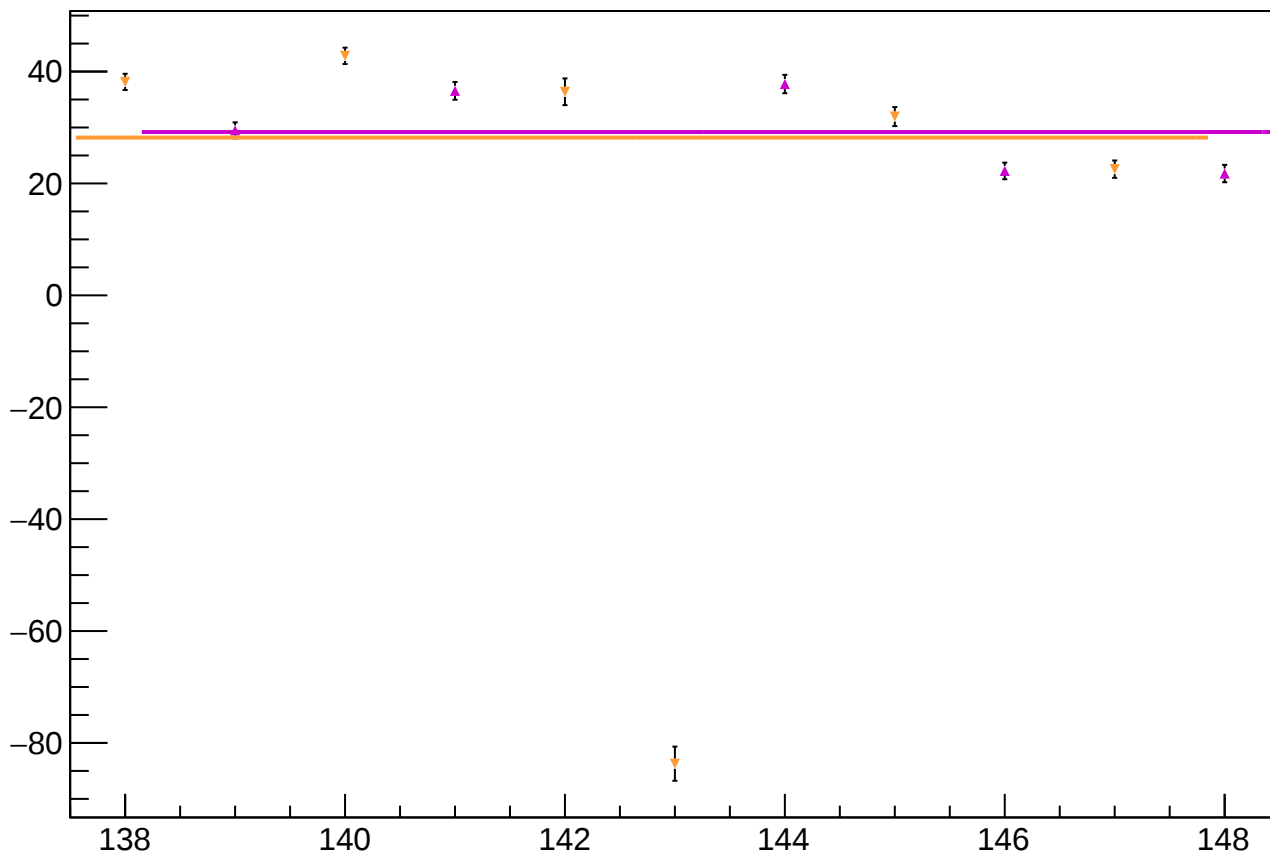
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 124.594+/-0.056 χ^2/NDF :137836.3/21

Out: 108.035+/-0.050 χ^2/NDF :363235.9/24

All: 115.426+/-0.037 χ^2/NDF : 549466.3/46

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 28.198+/-0.709 χ^2/NDF :1518.4/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.192+/-0.686 χ^2/NDF :93.6/4

Left: 28.711+/-0.493 χ^2/NDF : 1613.1/10

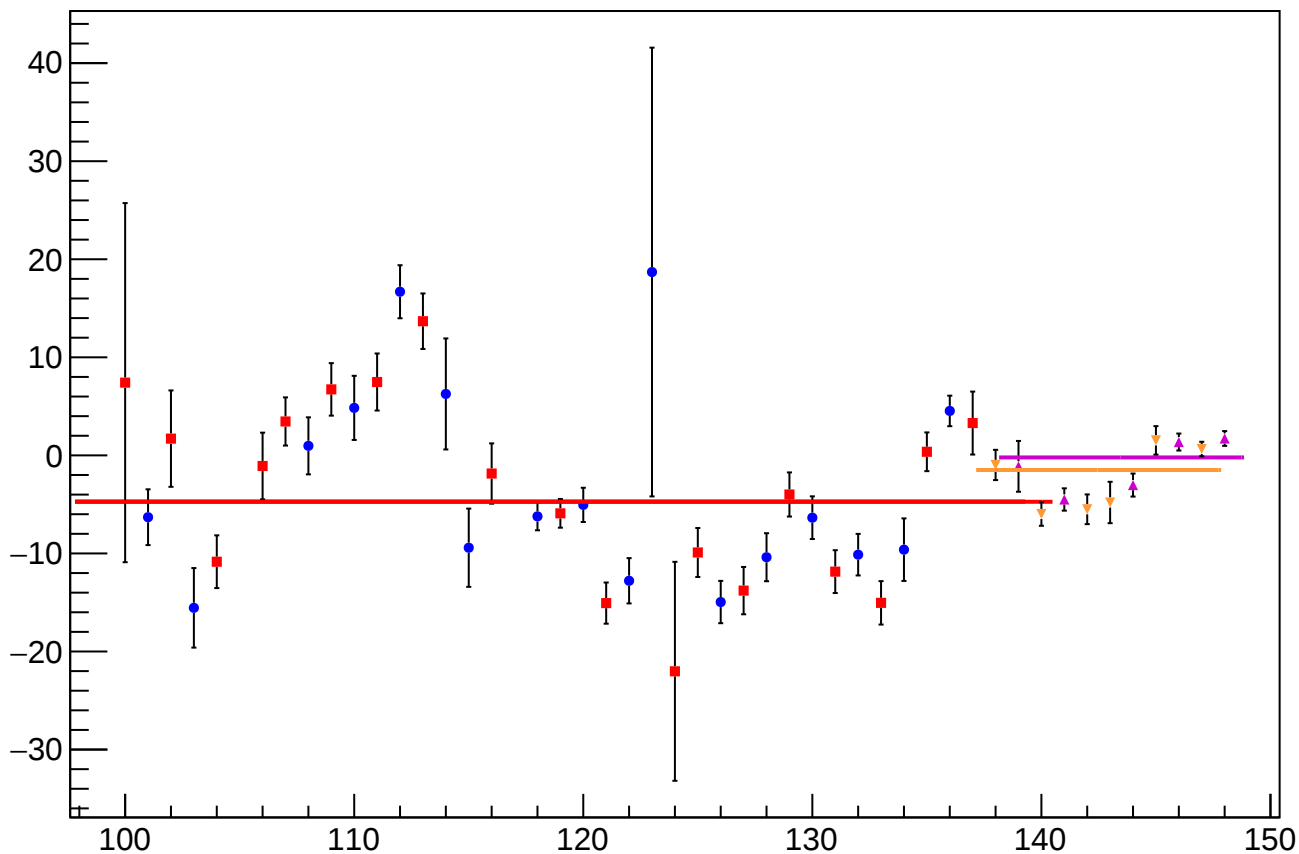
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.192+/-0.686 χ^2/NDF :93.6/4

Out: 28.198+/-0.709 χ^2/NDF :1518.4/5

All: 28.711+/-0.493 χ^2/NDF : 1613.1/10

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -1.491 ± 0.495 $\chi^2/\text{NDF}: 36.2/5$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: -0.210 ± 0.459 $\chi^2/\text{NDF}: 29.9/4$

Left: -0.803 ± 0.337 $\chi^2/\text{NDF}: 69.7/10$

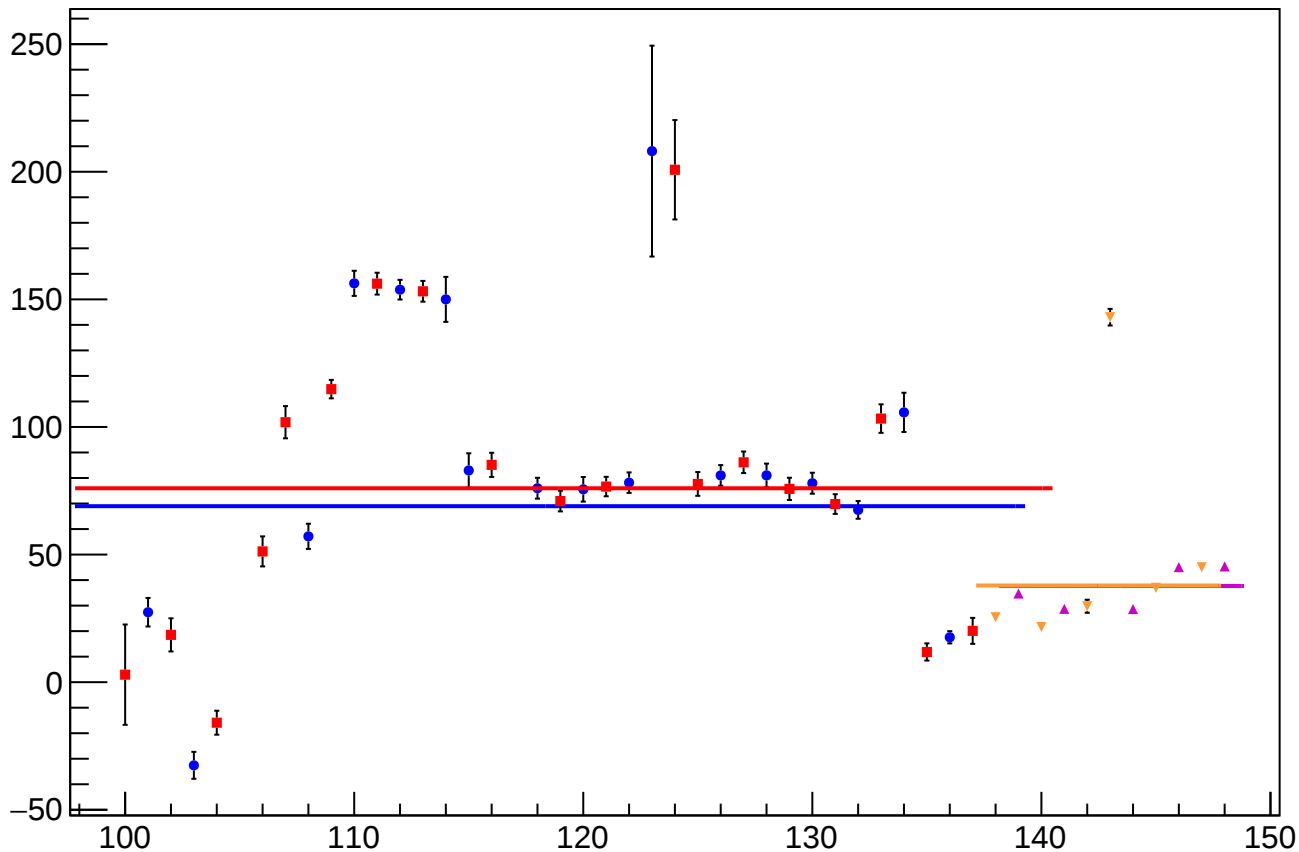
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -1.943 ± 0.360 $\chi^2/\text{NDF}: 241.6/21$

Out: -2.843 ± 0.378 $\chi^2/\text{NDF}: 243.8/24$

All: -2.372 ± 0.261 $\chi^2/\text{NDF}: 488.4/46$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 37.891 $\pm$ 0.734 χ^2 /NDF:1246.9/5

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

Left In: 37.692 $\pm$ 0.697 χ^2 /NDF:113.0/4

Left: 37.786 $\pm$ 0.505 χ^2 /NDF: 1359.9/10

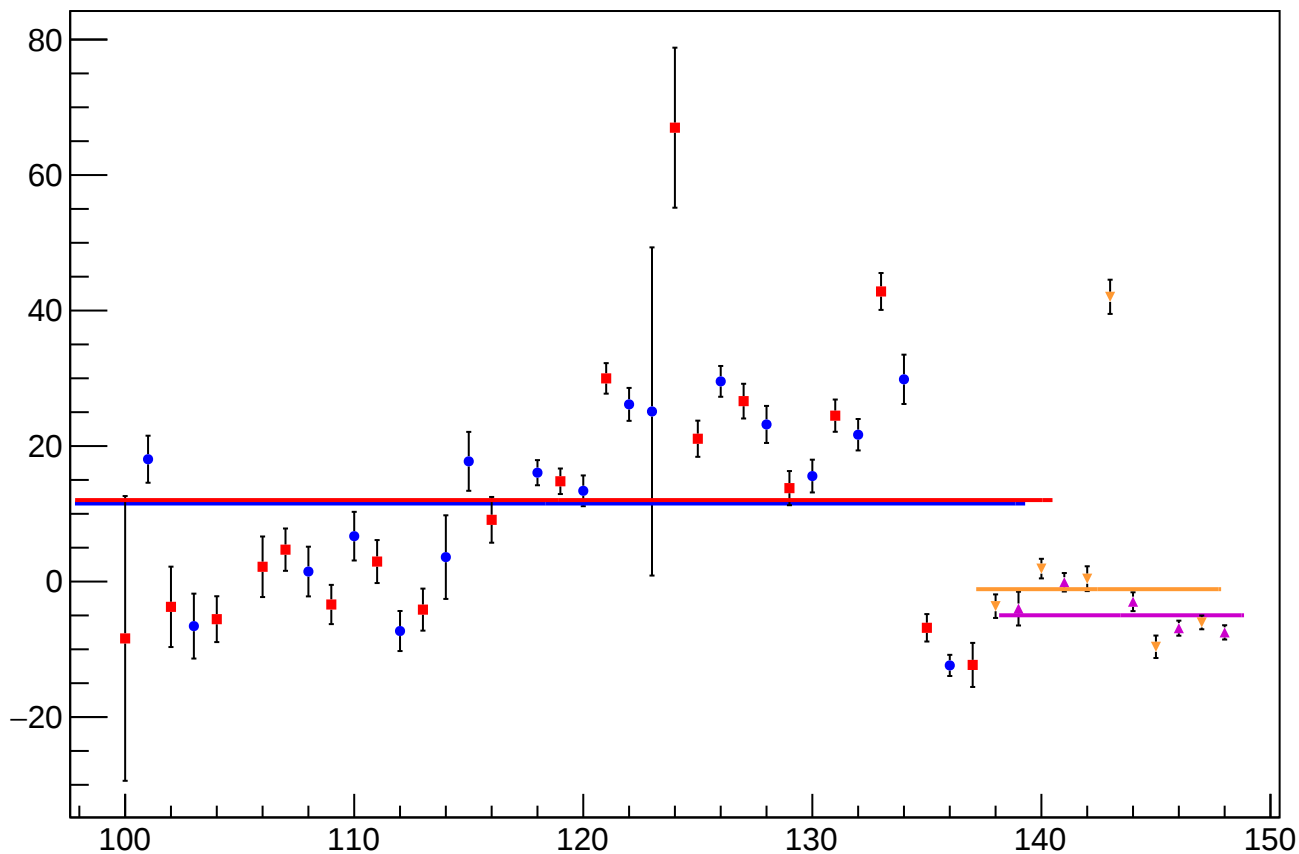
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 46.894 $\pm$ 0.585 χ^2 /NDF:2549.7/21

Out: 50.080 $\pm$ 0.605 χ^2 /NDF:4004.4/24

All: 48.434 $\pm$ 0.421 χ^2 /NDF: 6568.5/46

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: -1.123 $\pm$ 0.620 χ^2 /NDF:348.9/5

Right Out: 12.026 $\pm$ 0.664 χ^2 /NDF: 539.7/18

Left In: -4.977 $\pm$ 0.585 χ^2 /NDF:23.6/4

Left: -3.164 $\pm$ 0.425 χ^2 /NDF: 393.0/10

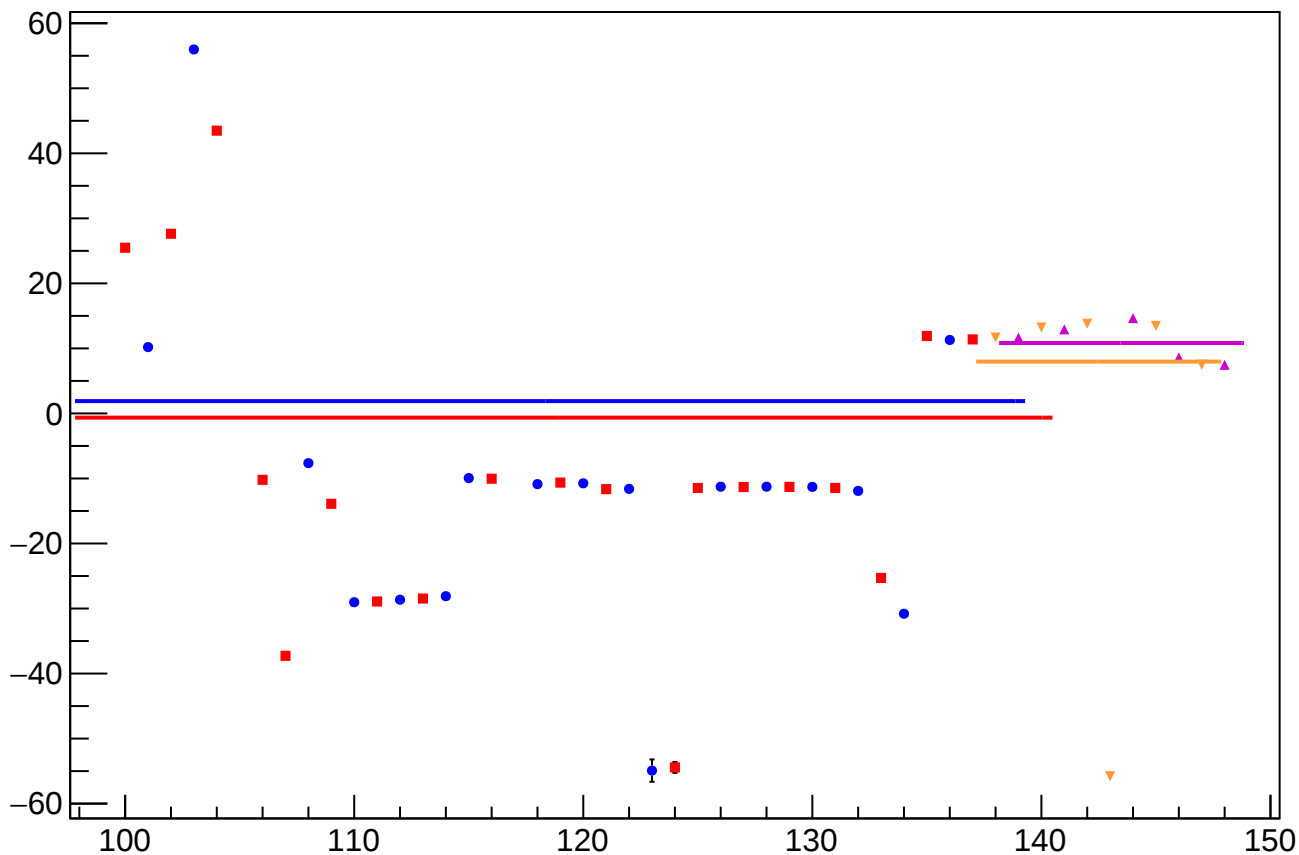
Right: 11.772 $\pm$ 0.468 χ^2 /NDF: 1017.2/35

In: 2.281 $\pm$ 0.438 χ^2 /NDF:851.0/21

Out: 5.002 $\pm$ 0.453 χ^2 /NDF:1097.9/24

All: 3.594 $\pm$ 0.315 χ^2 /NDF: 1967.6/46

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.968 $\pm$ 0.031 χ^2/NDF : 256015.8/5

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 10.831 $\pm$ 0.029 χ^2/NDF : 7717.0/4

Left: 9.495 $\pm$ 0.021 χ^2/NDF : 268363.3/10

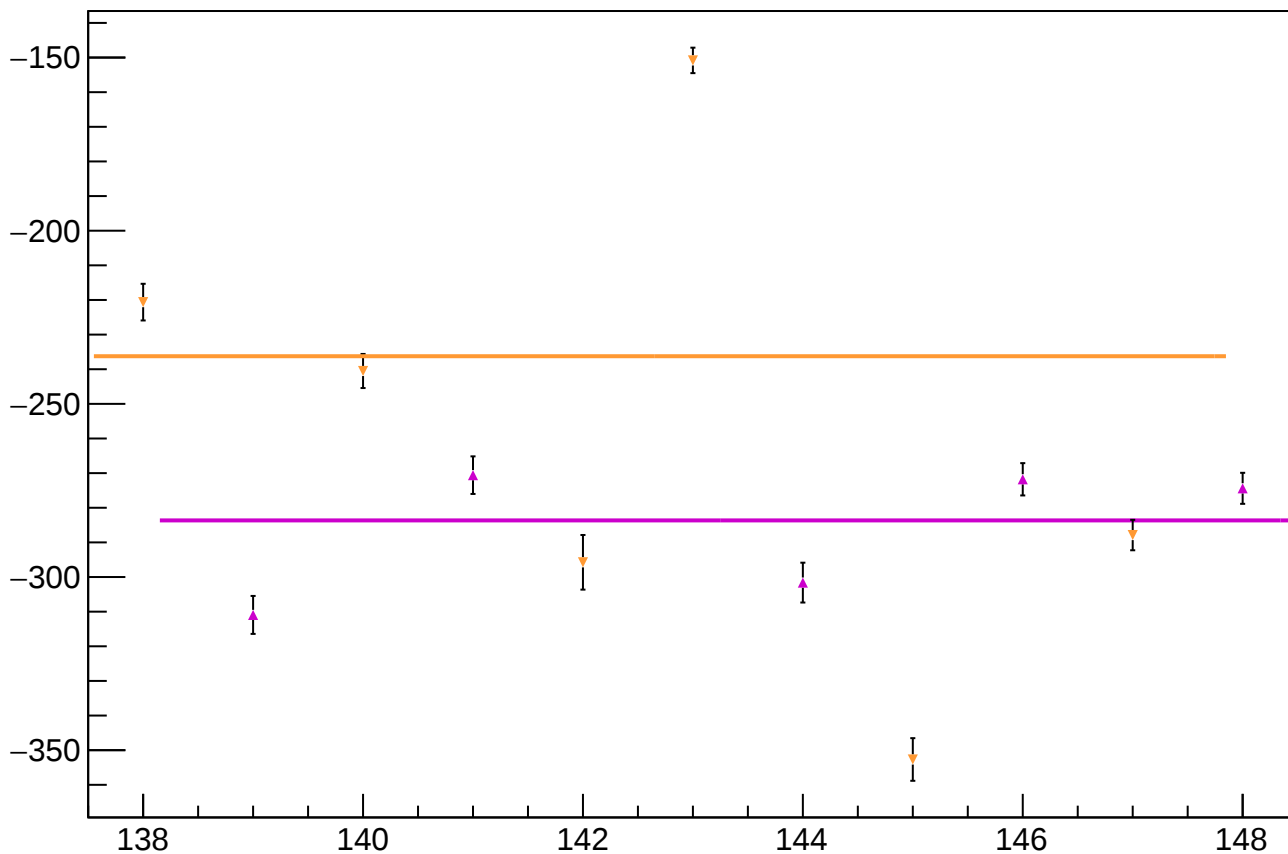
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.475 $\pm$ 0.023 χ^2/NDF : 402895.1/21

Out: 4.460 $\pm$ 0.024 χ^2/NDF : 649662.2/24

All: 6.029 $\pm$ 0.016 χ^2/NDF : 1061014.0/46

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: -236.244+/-2.019 χ^2/NDF :1102.1/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -283.651+/-2.274 χ^2/NDF :51.1/4

Left: -257.142+/-1.510 χ^2/NDF : 1396.2/10

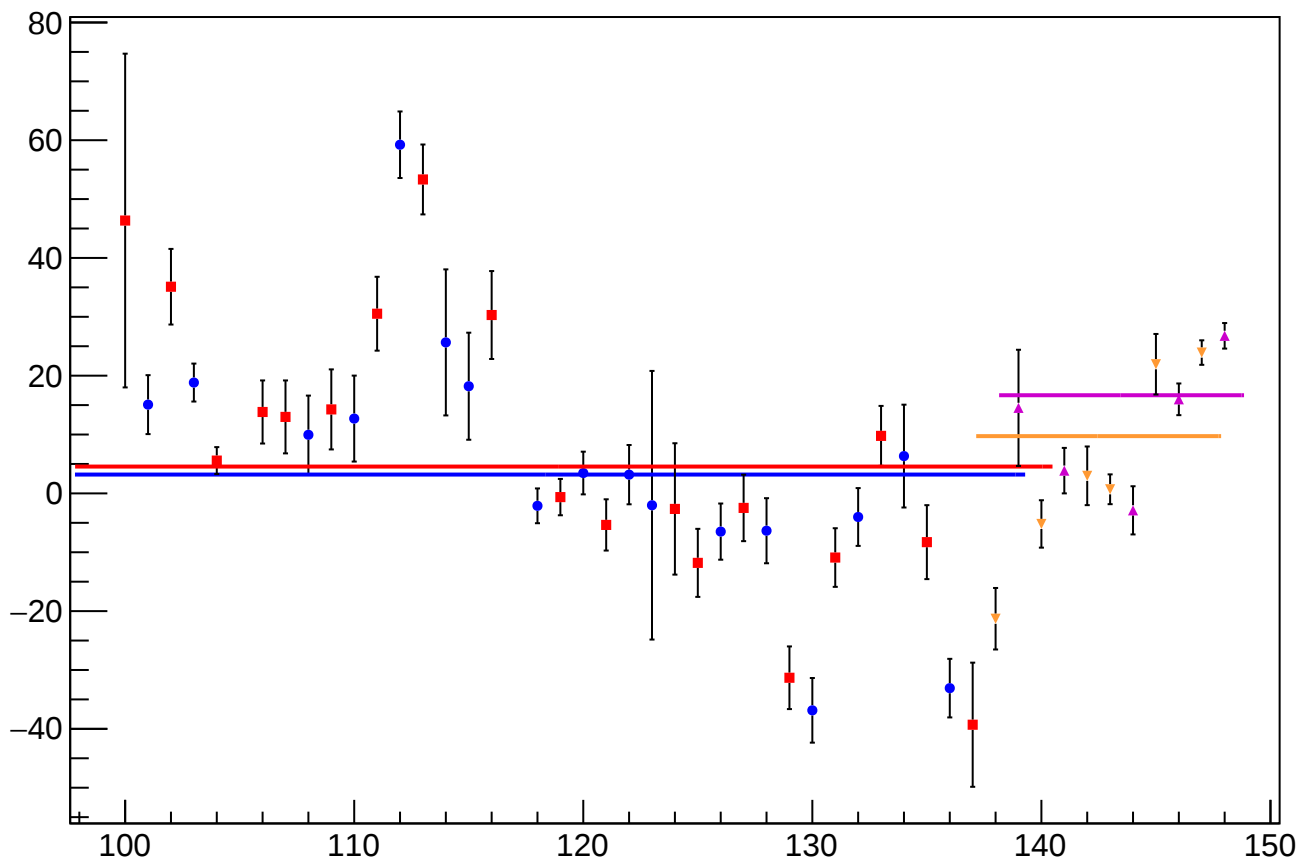
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -283.651+/-2.274 χ^2/NDF :51.1/4

Out: -236.244+/-2.019 χ^2/NDF :1102.1/5

All: -257.142+/-1.510 χ^2/NDF : 1396.2/10

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200+/-1.227 χ^2/NDF : 255.2/16

Left Out: 9.727+/-1.333 χ^2/NDF :115.6/5

Right Out: 4.558+/-1.158 χ^2/NDF : 223.9/18

Left In: 16.676+/-1.433 χ^2/NDF :55.6/4

Left: 12.951+/-0.976 χ^2/NDF : 183.8/10

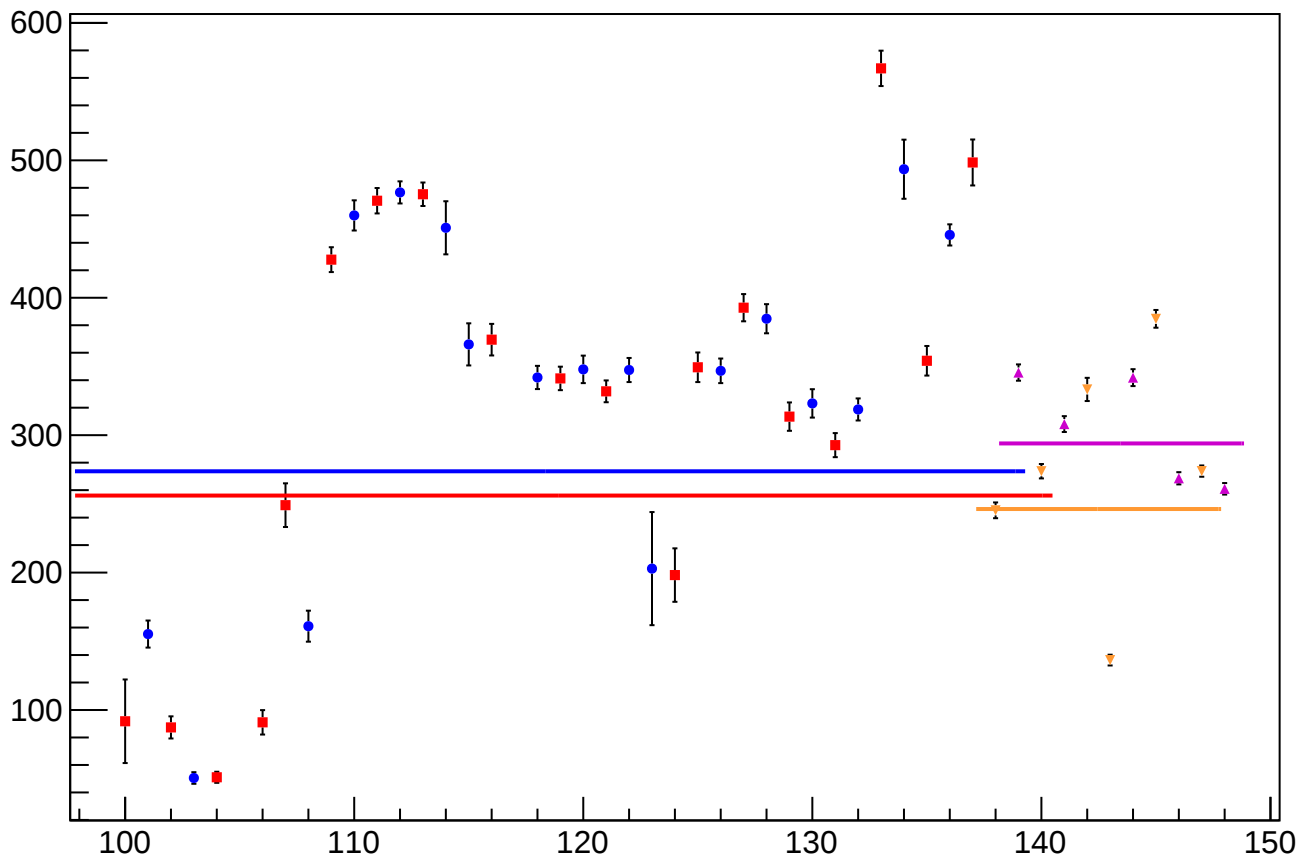
Right: 3.919+/-0.842 χ^2/NDF : 479.7/35

In: 8.904+/-0.932 χ^2/NDF :361.8/21

Out: 6.781+/-0.874 χ^2/NDF :348.1/24

All: 7.774+/-0.638 χ^2/NDF : 712.7/46

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: 246.257 $\pm$ 2.088 χ^2 /NDF:1424.9/5

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 293.981 $\pm$ 2.282 χ^2 /NDF:236.4/4

Left: 268.011 $\pm$ 1.541 χ^2 /NDF: 1899.4/10

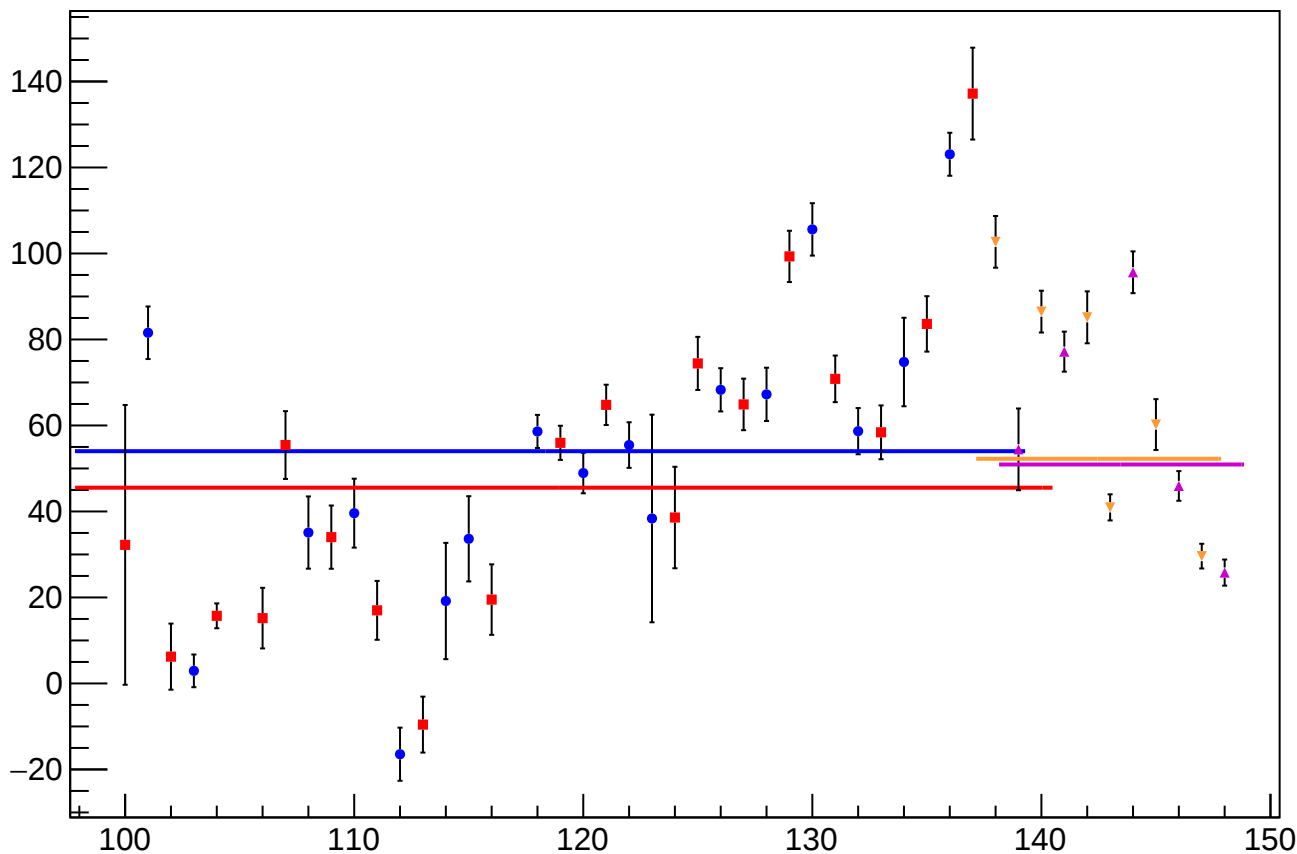
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 283.454 $\pm$ 1.582 χ^2 /NDF:5380.7/21

Out: 251.179 $\pm$ 1.473 χ^2 /NDF:7877.0/24

All: 266.172 $\pm$ 1.078 χ^2 /NDF: 13480.7/46

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: 52.252 $\pm$ 1.676 χ^2 /NDF:227.4/5

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 50.922 $\pm$ 1.851 χ^2 /NDF:187.2/4

Left: 51.653 $\pm$ 1.242 χ^2 /NDF: 415.0/10

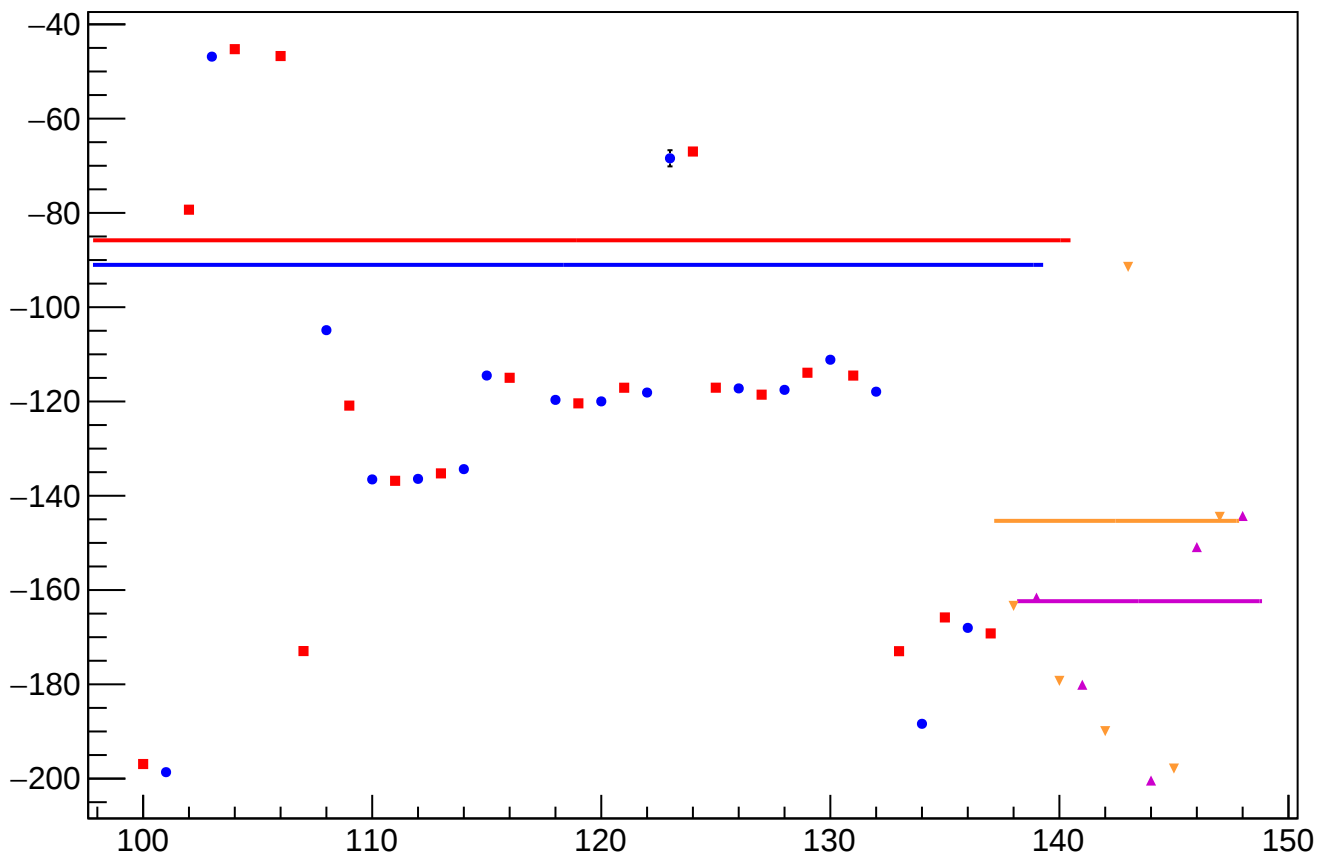
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 52.866 $\pm$ 1.128 χ^2 /NDF:821.8/21

Out: 48.191 $\pm$ 1.055 χ^2 /NDF:764.0/24

All: 50.372 $\pm$ 0.771 χ^2 /NDF: 1595.0/46

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: -145.323+/-0.088 χ^2/NDF : 204423.5/5

Right Out: -85.811+/-0.065 χ^2/NDF : 495868.7/18

Left In: -162.363+/-0.096 χ^2/NDF : 38910.4/4

Left: -153.143+/-0.065 χ^2/NDF : 260551.5/10

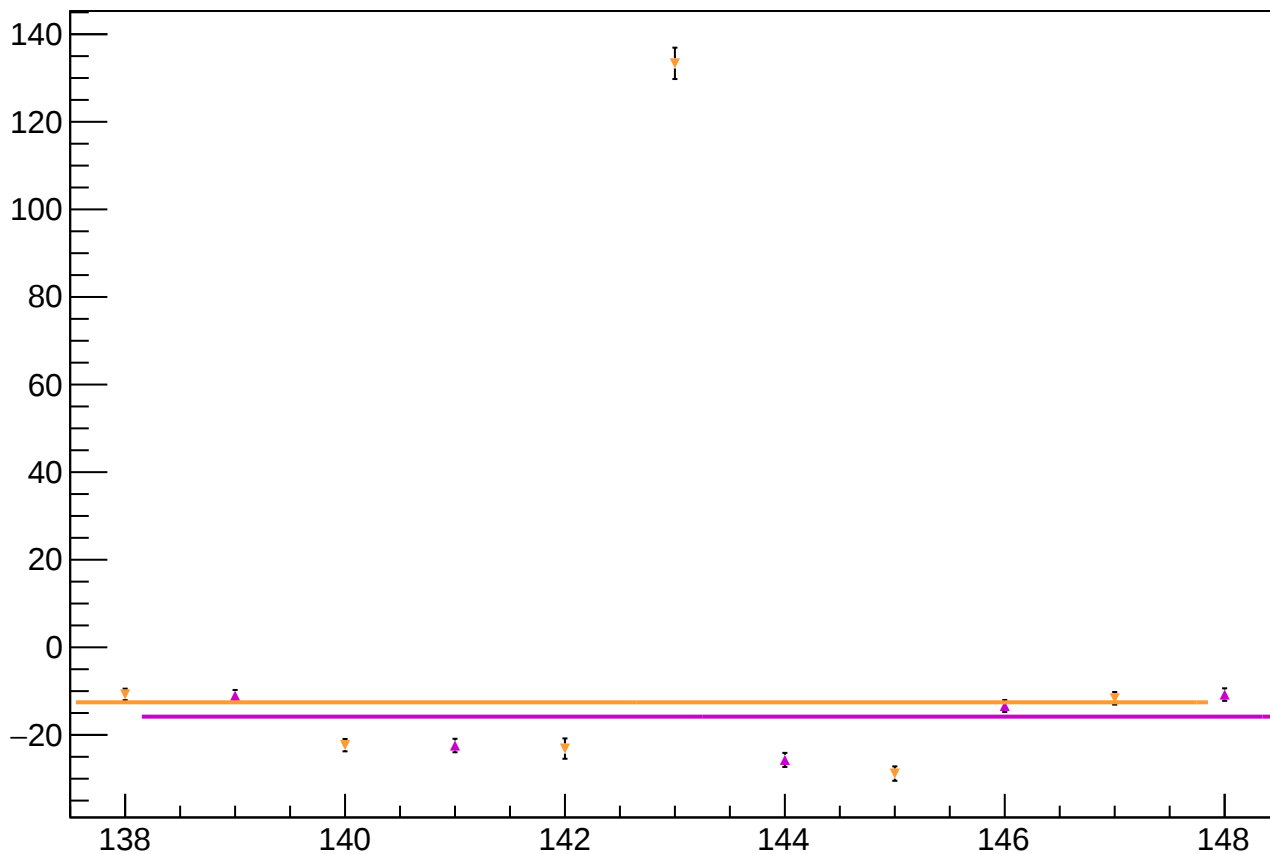
Right: -88.315+/-0.047 χ^2/NDF : 1033213.2/35

In: -114.818+/-0.055 χ^2/NDF : 944880.0/21

Out: -106.835+/-0.052 χ^2/NDF : 996243.5/24

All: -110.612+/-0.038 χ^2/NDF : 1952154.3/46

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: -12.556+/-0.674 χ^2/NDF :1828.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.828+/-0.642 χ^2/NDF :85.4/4

Left: -14.272+/-0.465 χ^2/NDF : 1926.1/10

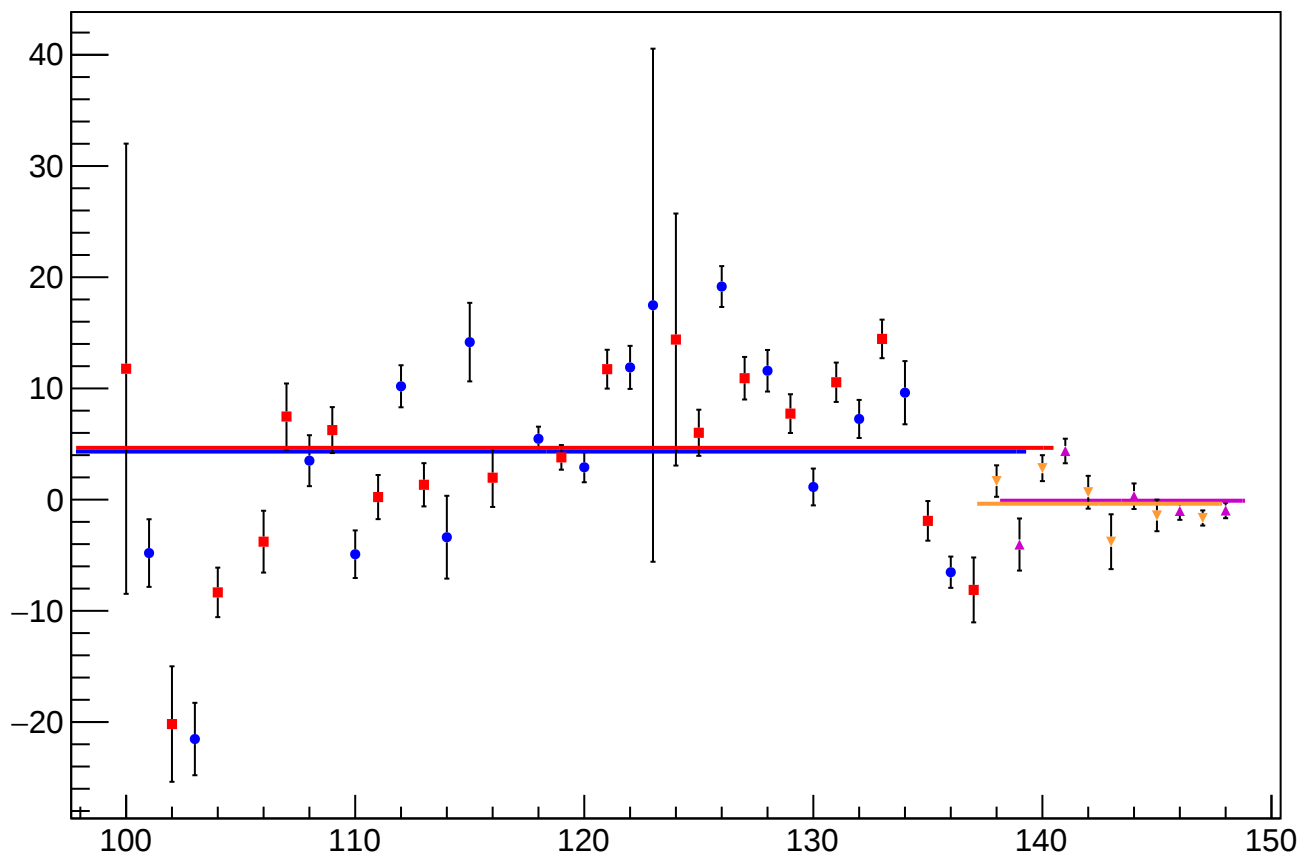
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.828+/-0.642 χ^2/NDF :85.4/4

Out: -12.556+/-0.674 χ^2/NDF :1828.3/5

All: -14.272+/-0.465 χ^2/NDF : 1926.1/10

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.368 ± 0.471 $\chi^2/\text{NDF}: 16.1/5$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: -0.097 ± 0.431 $\chi^2/\text{NDF}: 22.3/4$

Left: -0.220 ± 0.318 $\chi^2/\text{NDF}: 38.5/10$

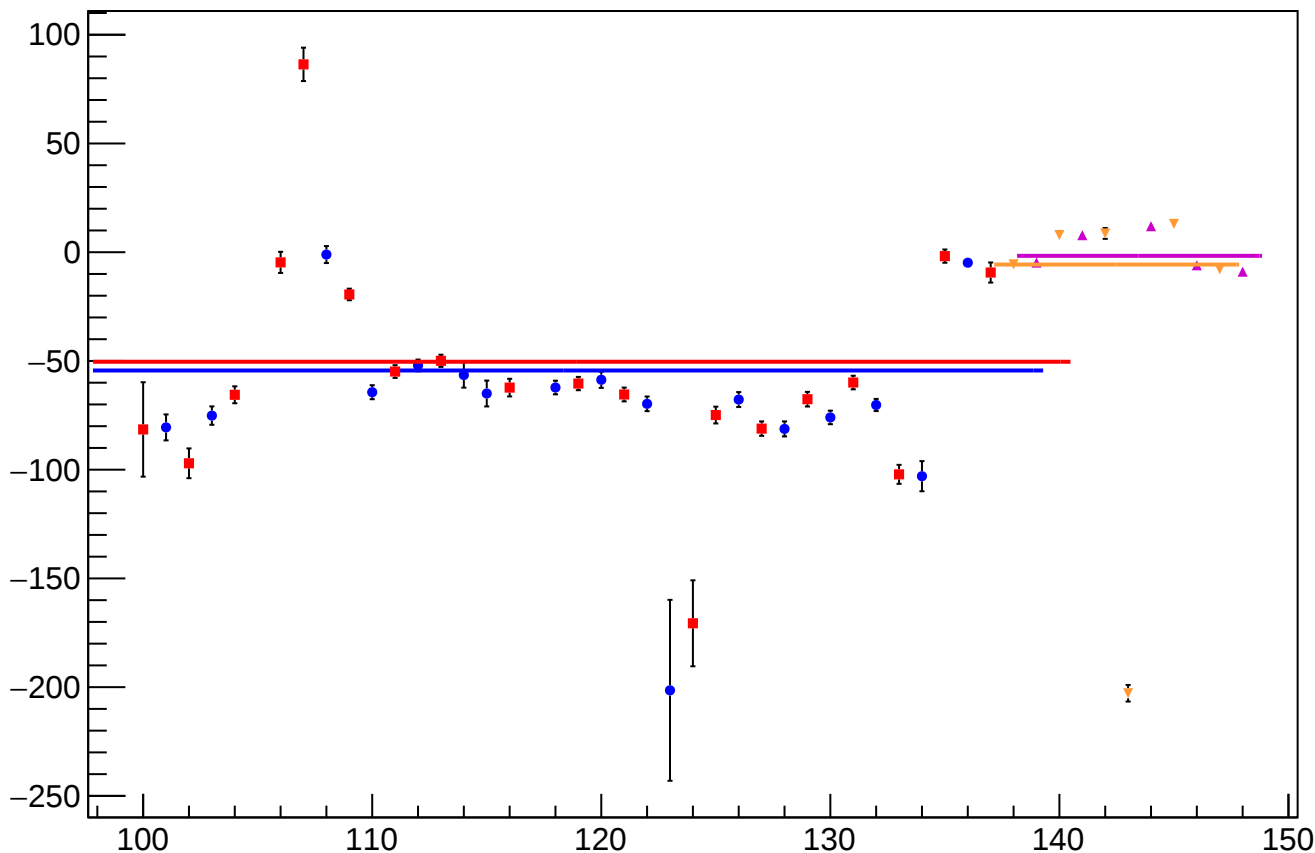
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.943 ± 0.316 $\chi^2/\text{NDF}: 351.1/21$

Out: 2.130 ± 0.334 $\chi^2/\text{NDF}: 257.2/24$

All: 2.031 ± 0.230 $\chi^2/\text{NDF}: 608.5/46$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 χ^2/NDF : 1014.0/16

Left Out: -5.670 ± 0.696 χ^2/NDF : 2900.0/5

Right Out: -50.364 ± 0.858 χ^2/NDF : 1321.3/18

Left In: -1.660 ± 0.651 χ^2/NDF : 141.8/4

Left: -3.531 ± 0.476 χ^2/NDF : 3059.6/10

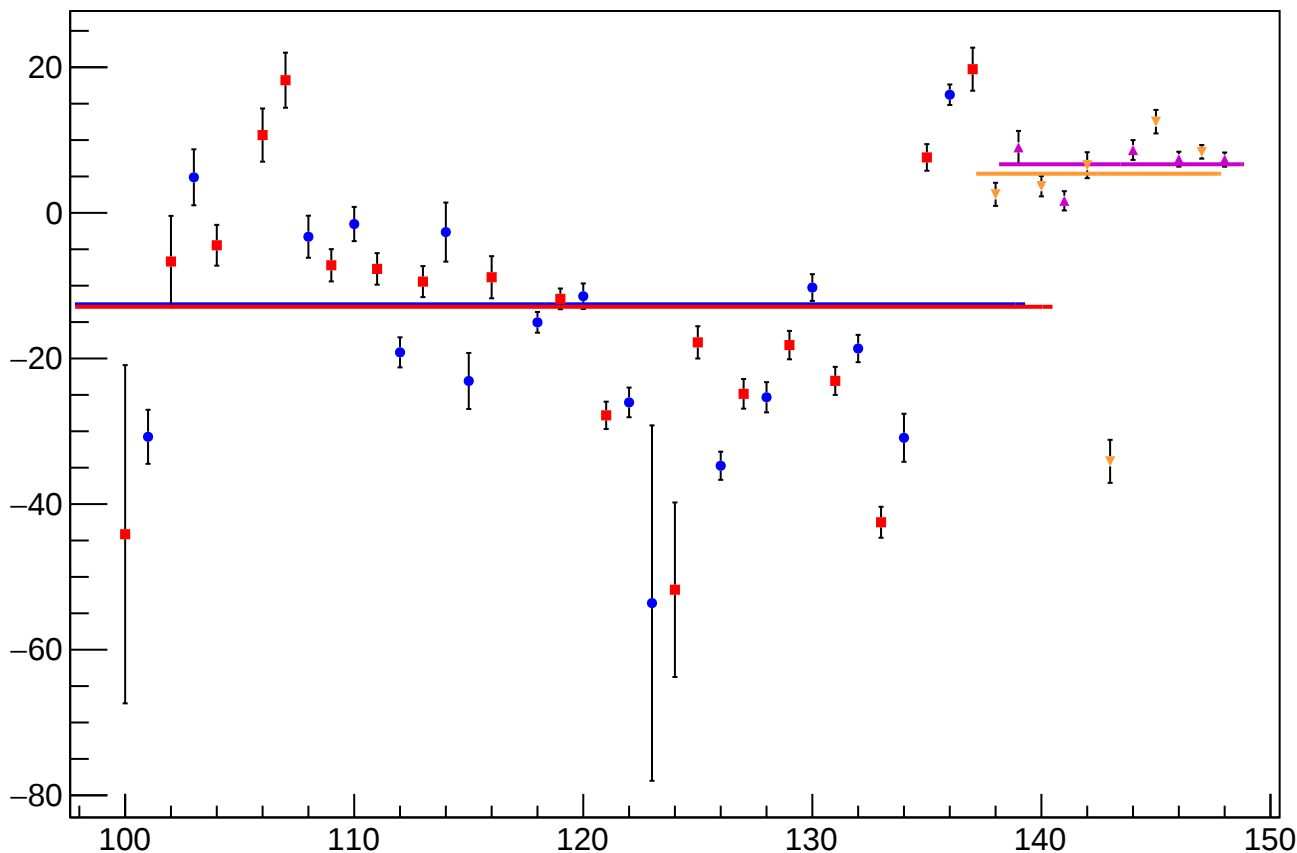
Right: -52.360 ± 0.609 χ^2/NDF : 2346.2/35

In: -20.754 ± 0.520 χ^2/NDF : 3528.7/21

Out: -23.430 ± 0.541 χ^2/NDF : 5858.1/24

All: -22.041 ± 0.375 χ^2/NDF : 9399.5/46

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: 5.379 ± 0.592 χ^2/NDF : 213.5/5

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 6.674 ± 0.549 χ^2/NDF : 18.4/4

Left: 6.075 ± 0.403 χ^2/NDF : 234.5/10

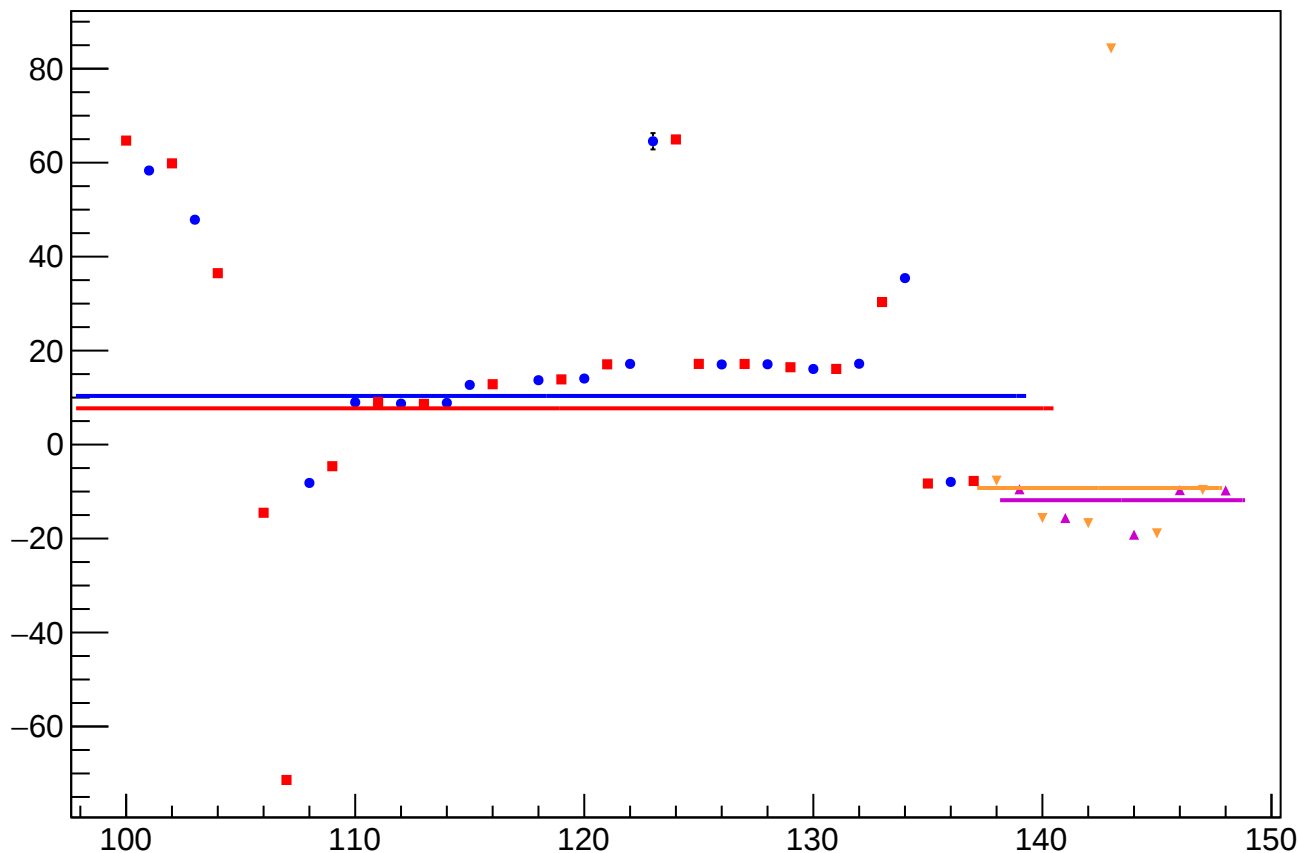
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -3.260 ± 0.382 χ^2/NDF : 1431.3/21

Out: -4.629 ± 0.398 χ^2/NDF : 1463.8/24

All: -3.916 ± 0.276 χ^2/NDF : 2901.3/46

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: -9.237+/-0.029 χ^2/NDF :406998.9/5

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -11.839+/-0.027 χ^2/NDF :17628.8/4

Left: -10.648+/-0.020 χ^2/NDF : 428946.5/10

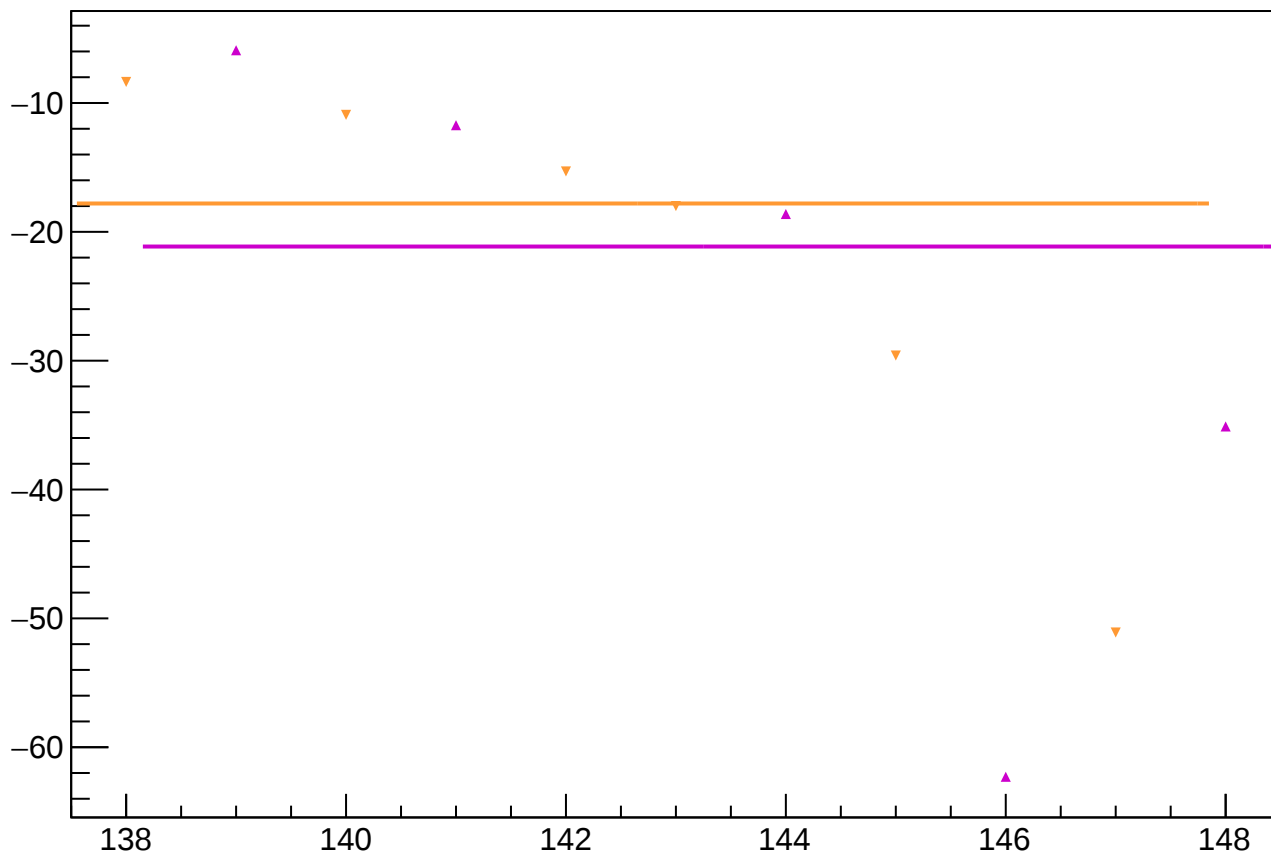
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -2.205+/-0.020 χ^2/NDF :696421.0/21

Out: -1.351+/-0.021 χ^2/NDF :1109277.3/24

All: -1.802+/-0.015 χ^2/NDF : 1806546.0/46

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: -17.800+/-0.112 χ^2/NDF :13600.6/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.140+/-0.112 χ^2/NDF :27270.1/4

Left: -19.471+/-0.079 χ^2/NDF : 41315.5/10

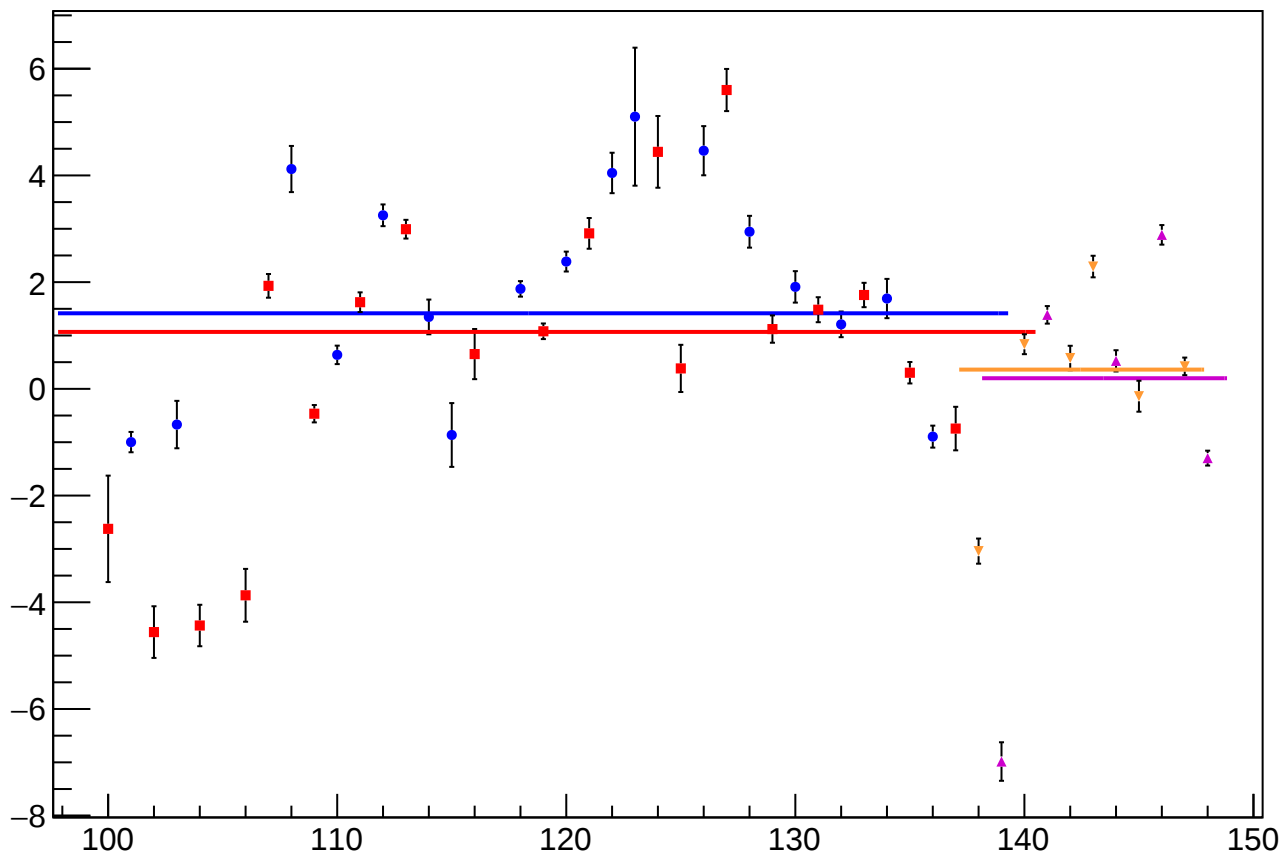
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.140+/-0.112 χ^2/NDF :27270.1/4

Out: -17.800+/-0.112 χ^2/NDF :13600.6/5

All: -19.471+/-0.079 χ^2/NDF : 41315.5/10

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: 0.361 ± 0.085 χ^2/NDF : 310.6/5

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.199 ± 0.081 χ^2/NDF : 779.9/4

Left: 0.277 ± 0.059 χ^2/NDF : 1092.4/10

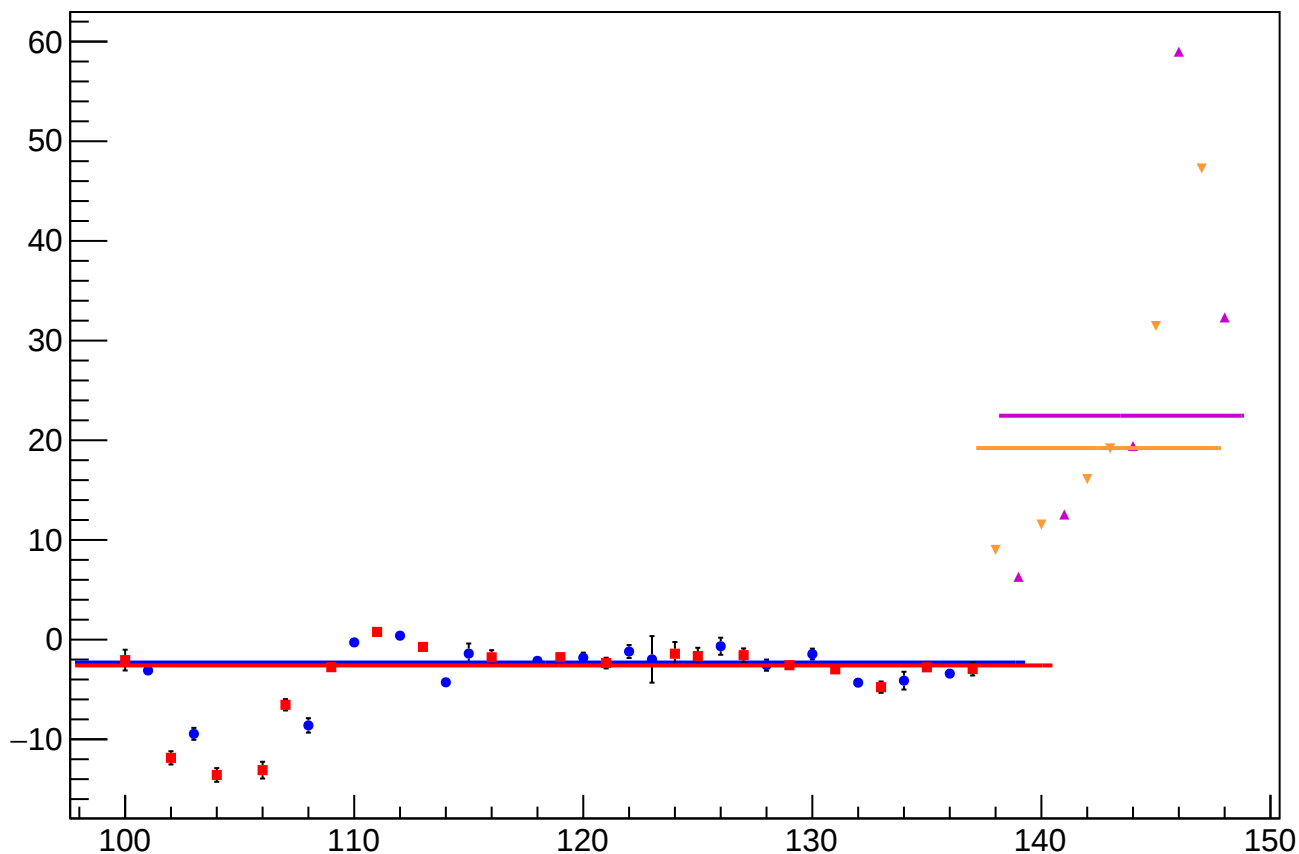
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 0.977 ± 0.049 χ^2/NDF : 1553.8/21

Out: 0.842 ± 0.048 χ^2/NDF : 1287.7/24

All: 0.908 ± 0.034 χ^2/NDF : 2845.4/46

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299+/-0.111 χ^2/NDF : 440.0/16

Left Out: 19.218+/-0.118 χ^2/NDF :11916.2/5

Right Out: -2.589+/-0.099 χ^2/NDF : 889.9/18

Left In: 22.465+/-0.115 χ^2/NDF :23603.4/4

Left: 20.878+/-0.083 χ^2/NDF : 35906.3/10

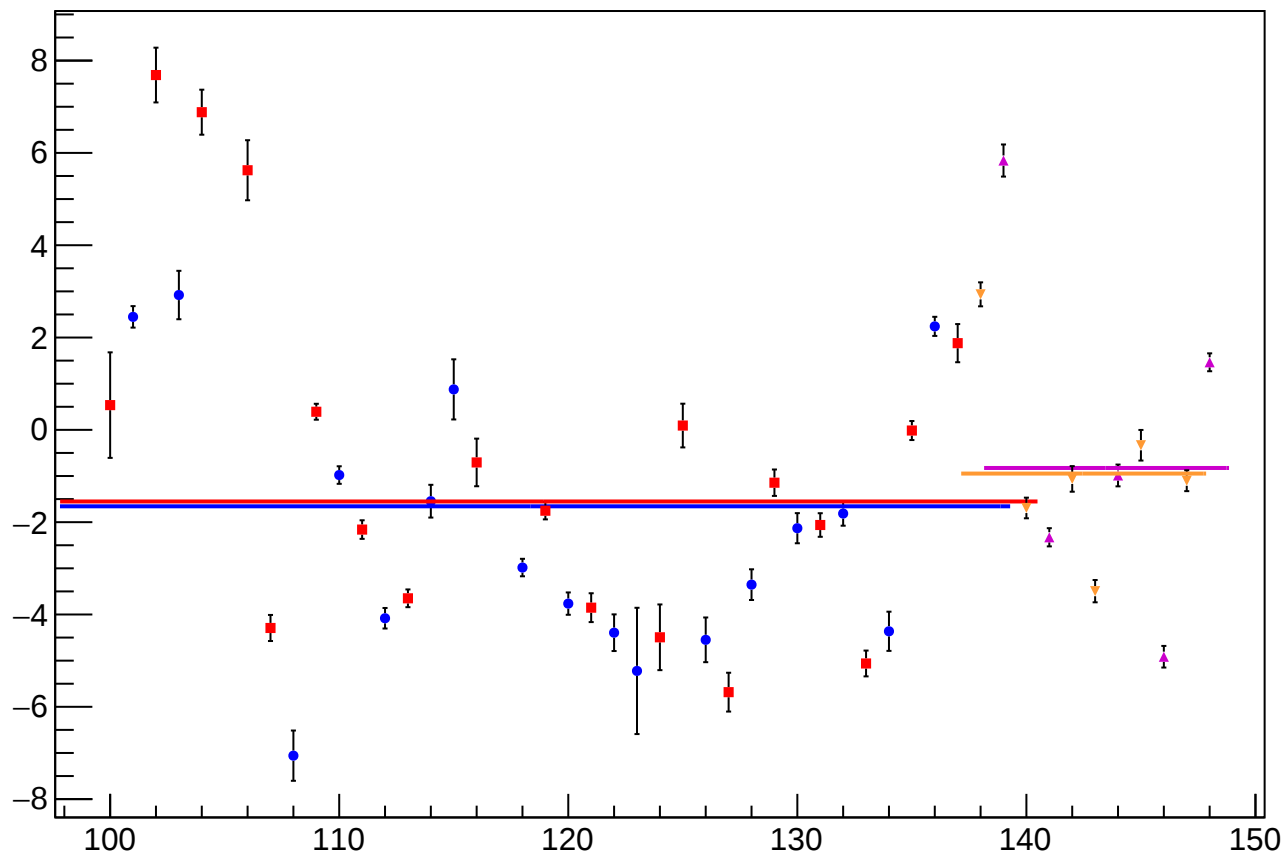
Right: -2.461+/-0.074 χ^2/NDF : 1333.7/35

In: 9.579+/-0.080 χ^2/NDF :47987.8/21

Out: 6.392+/-0.076 χ^2/NDF :32860.7/24

All: 7.900+/-0.055 χ^2/NDF : 81685.5/46

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: -0.947 ± 0.103 χ^2/NDF : 349.9/5

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -0.826 ± 0.102 χ^2/NDF : 869.2/4

Left: -0.885 ± 0.072 χ^2/NDF : 1219.9/10

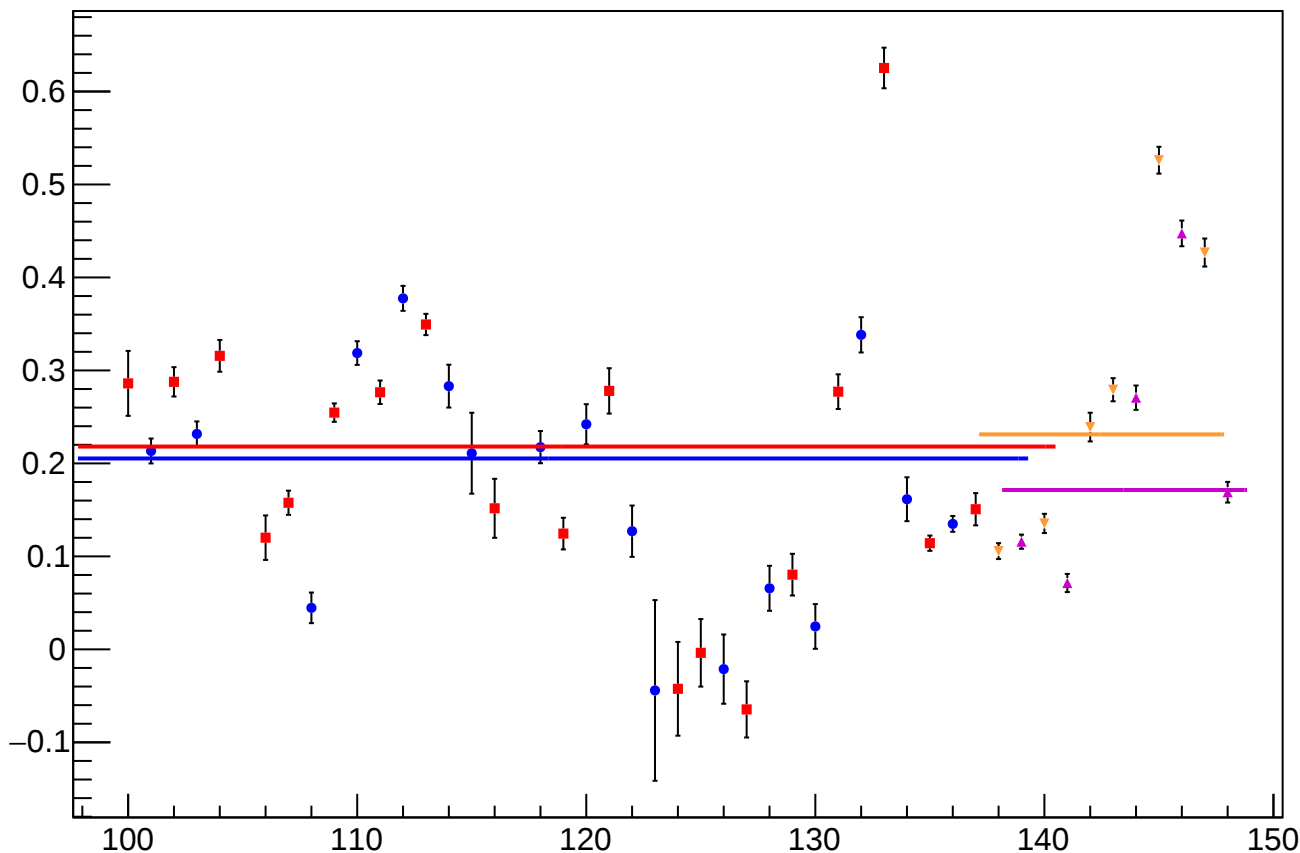
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.387 ± 0.058 χ^2/NDF : 2185.4/21

Out: -1.378 ± 0.055 χ^2/NDF : 1862.4/24

All: -1.382 ± 0.040 χ^2/NDF : 4047.9/46

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: 0.231 $\pm$ 0.005 χ^2 /NDF:902.0/5

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.171 $\pm$ 0.005 χ^2 /NDF:613.7/4

Left: 0.200 $\pm$ 0.003 χ^2 /NDF: 1595.9/10

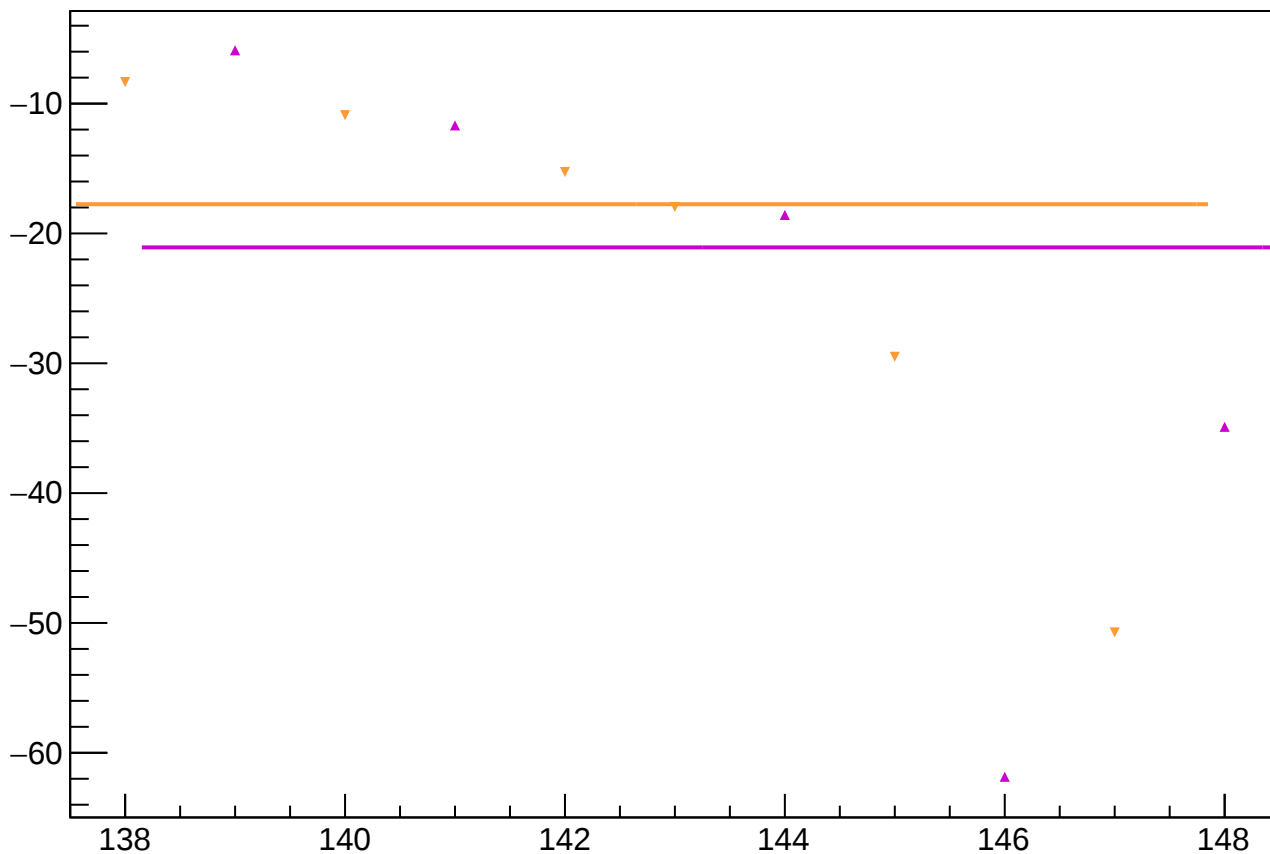
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.190 $\pm$ 0.003 χ^2 /NDF:1264.1/21

Out: 0.223 $\pm$ 0.003 χ^2 /NDF:1929.9/24

All: 0.207 $\pm$ 0.002 χ^2 /NDF: 3253.2/46

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: -17.749+/-0.111 χ^2/NDF :13576.3/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.073+/-0.111 χ^2/NDF :27209.1/4

Left: -19.413+/-0.079 χ^2/NDF : 41230.6/10

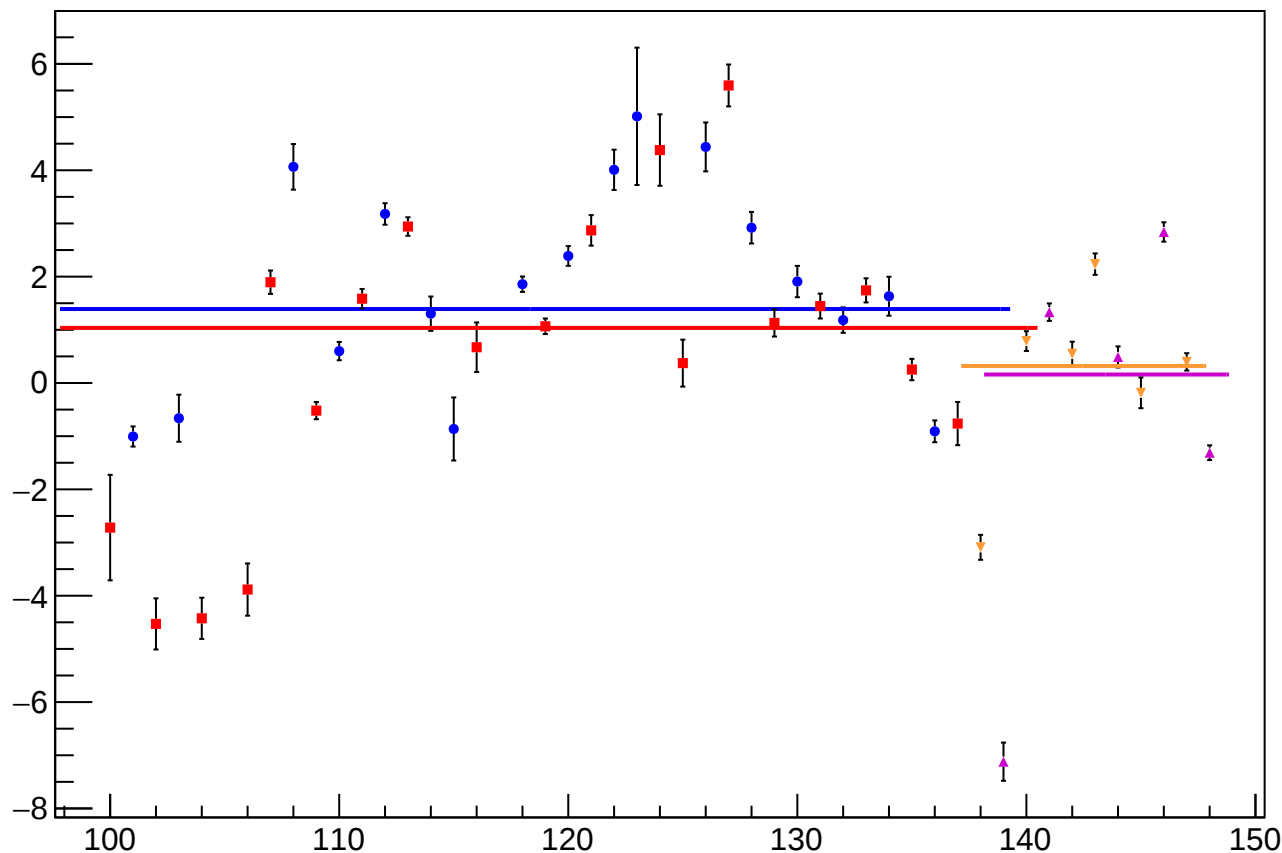
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.073+/-0.111 χ^2/NDF :27209.1/4

Out: -17.749+/-0.111 χ^2/NDF :13576.3/5

All: -19.413+/-0.079 χ^2/NDF : 41230.6/10

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: 0.320 ± 0.084 $\chi^2/\text{NDF}: 312.9/5$

Right Out: 1.036 ± 0.058 $\chi^2/\text{NDF}: 934.2/18$

Left In: 0.160 ± 0.081 $\chi^2/\text{NDF}: 792.9/4$

Left: 0.237 ± 0.058 $\chi^2/\text{NDF}: 1107.7/10$

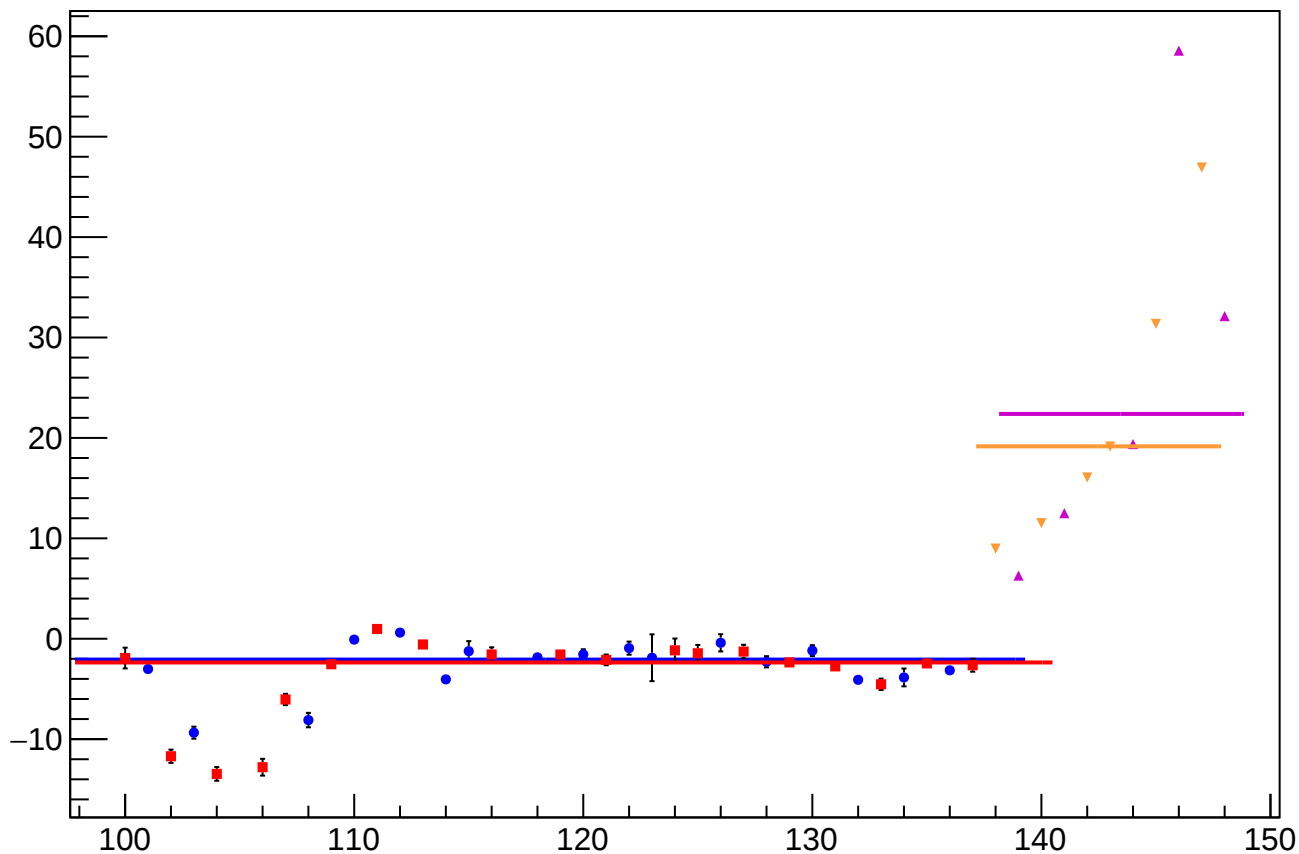
Right: 1.204 ± 0.042 $\chi^2/\text{NDF}: 1581.2/35$

In: 0.946 ± 0.049 $\chi^2/\text{NDF}: 1569.8/21$

Out: 0.807 ± 0.048 $\chi^2/\text{NDF}: 1296.1/24$

All: 0.875 ± 0.034 $\chi^2/\text{NDF}: 2870.0/46$

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: 19.160+/-0.118 χ^2/NDF :11888.5/5

Right Out: -2.362+/-0.098 χ^2/NDF : 893.4/18

Left In: 22.389+/-0.115 χ^2/NDF :23537.8/4

Left: 20.812+/-0.082 χ^2/NDF : 35812.4/10

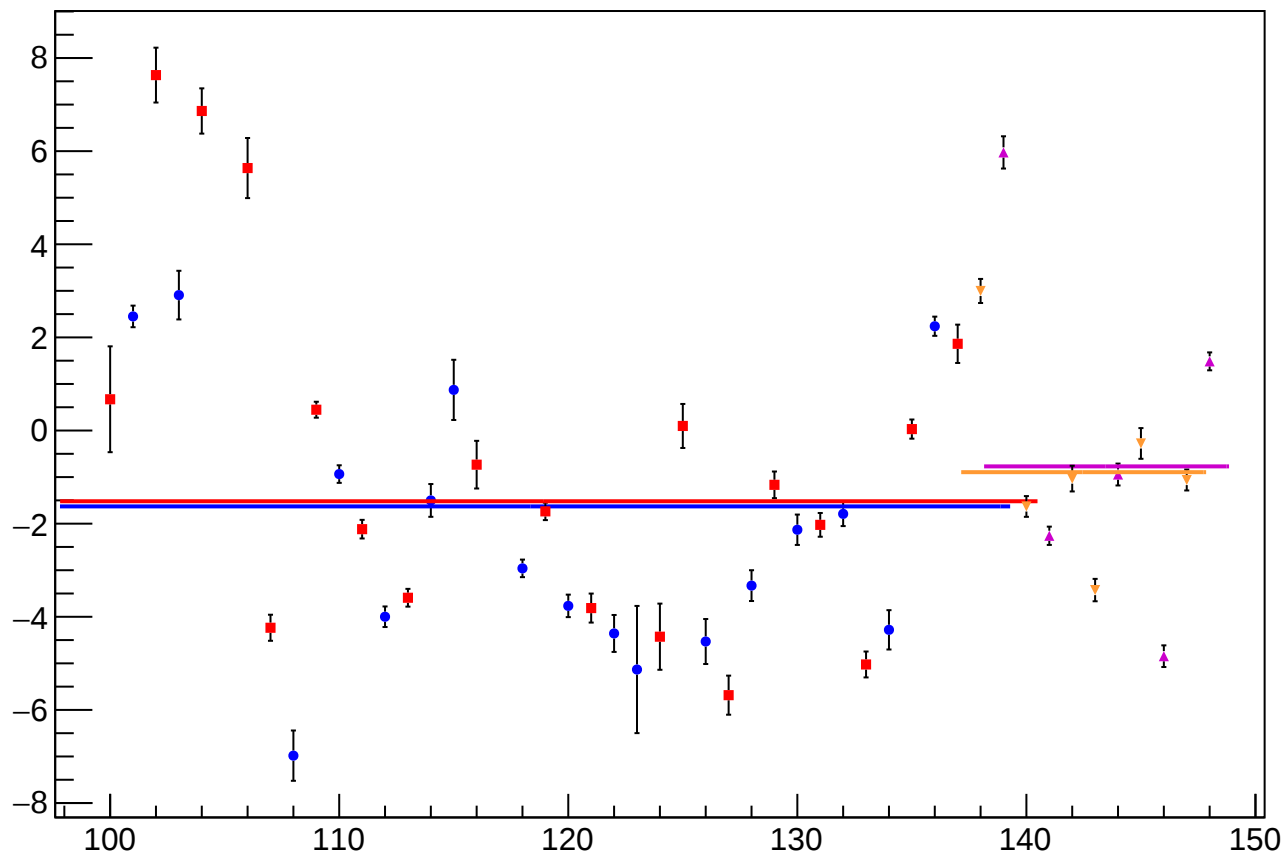
Right: -2.235+/-0.073 χ^2/NDF : 1339.5/35

In: 9.664+/-0.080 χ^2/NDF :47593.6/21

Out: 6.498+/-0.075 χ^2/NDF :32518.0/24

All: 7.997+/-0.055 χ^2/NDF : 80946.5/46

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: -0.894 ± 0.103 χ^2/NDF : 352.6/5

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -0.770 ± 0.101 χ^2/NDF : 881.8/4

Left: -0.831 ± 0.072 χ^2/NDF : 1235.1/10

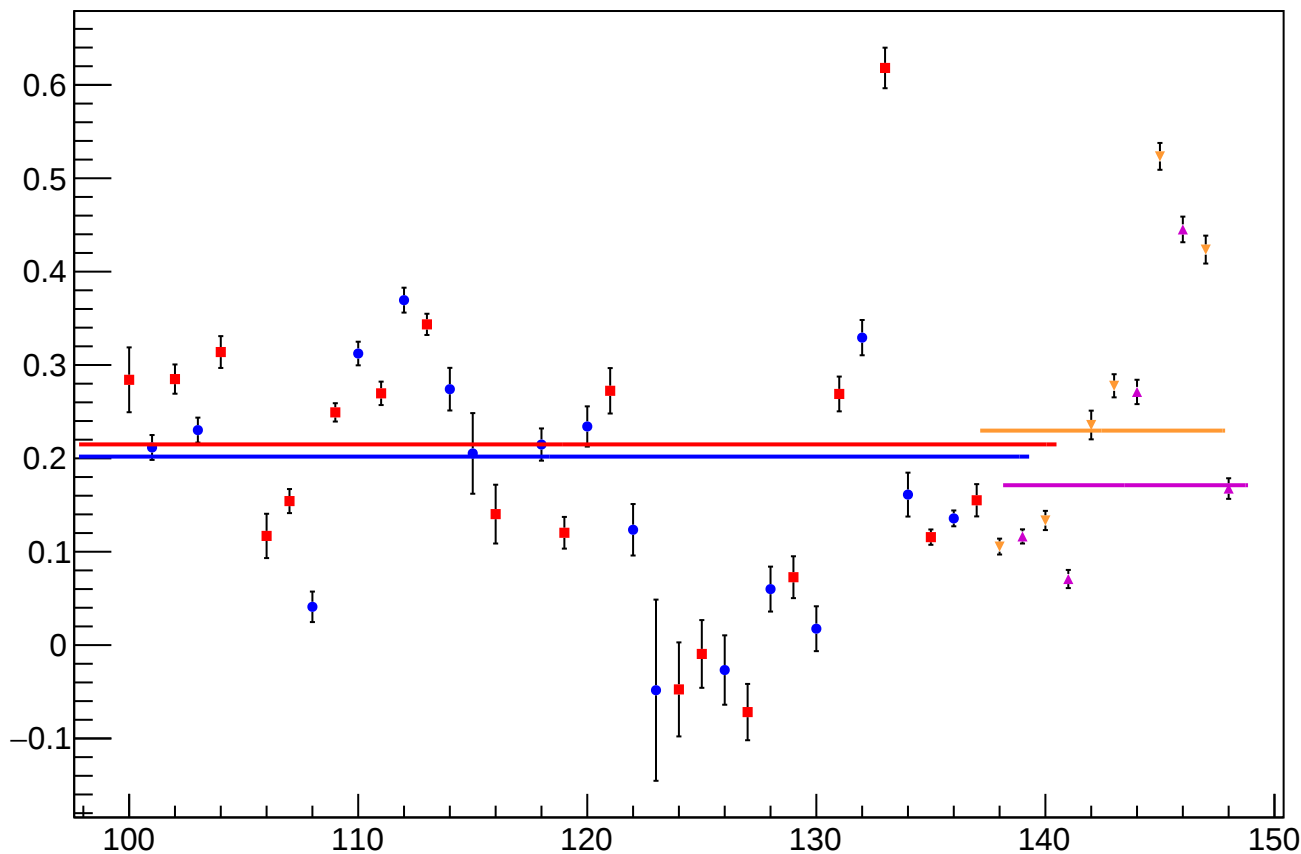
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.350 ± 0.058 χ^2/NDF : 2196.9/21

Out: -1.339 ± 0.055 χ^2/NDF : 1870.8/24

All: -1.344 ± 0.040 χ^2/NDF : 4067.7/46

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: 0.230 $\pm$ 0.005 χ^2 /NDF:901.1/5

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.171 $\pm$ 0.005 χ^2 /NDF:616.0/4

Left: 0.199 $\pm$ 0.003 χ^2 /NDF: 1594.4/10

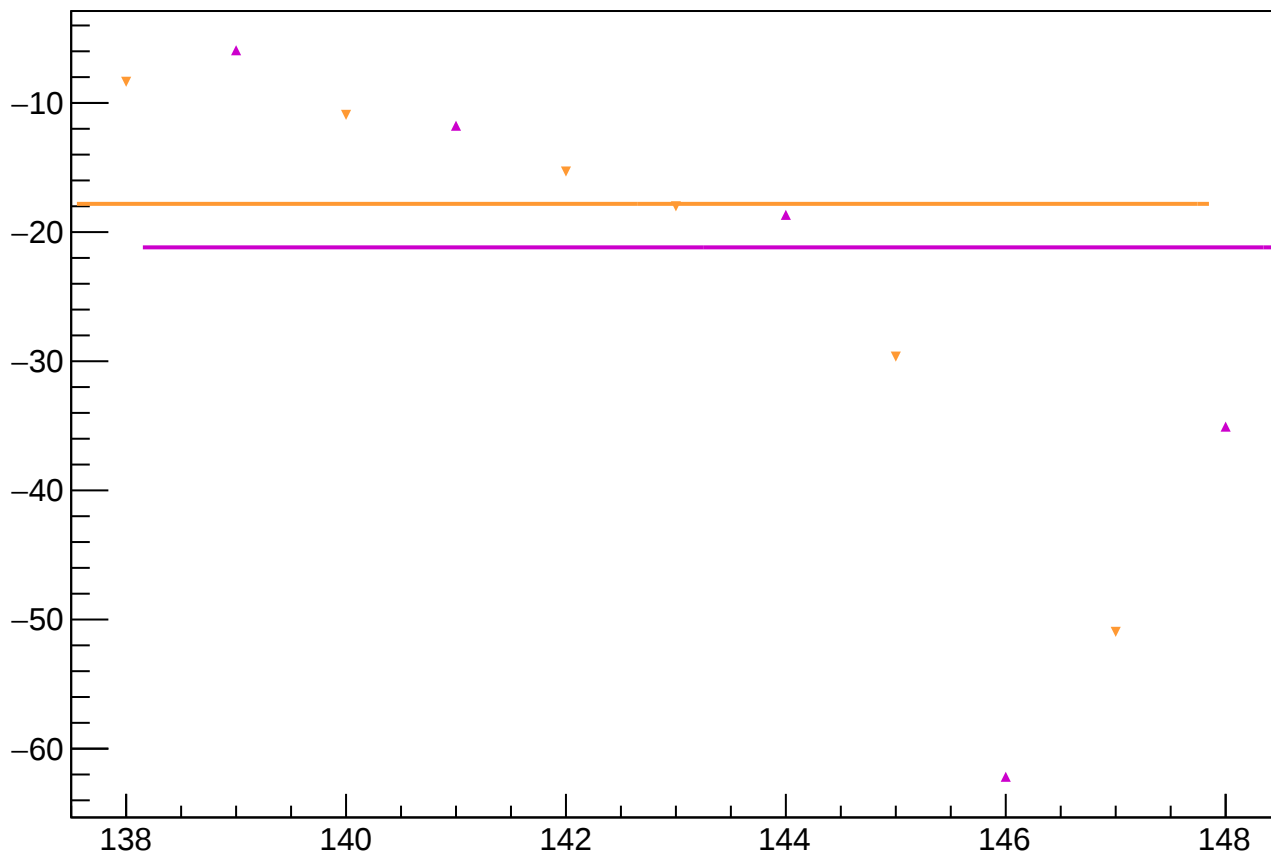
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.188 $\pm$ 0.003 χ^2 /NDF:1245.3/21

Out: 0.220 $\pm$ 0.003 χ^2 /NDF:1912.7/24

All: 0.205 $\pm$ 0.002 χ^2 /NDF: 3215.6/46

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: -17.813+/-0.112 χ^2/NDF :13582.0/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.182+/-0.112 χ^2/NDF :27239.3/4

Left: -19.499+/-0.079 χ^2/NDF : 41274.3/10

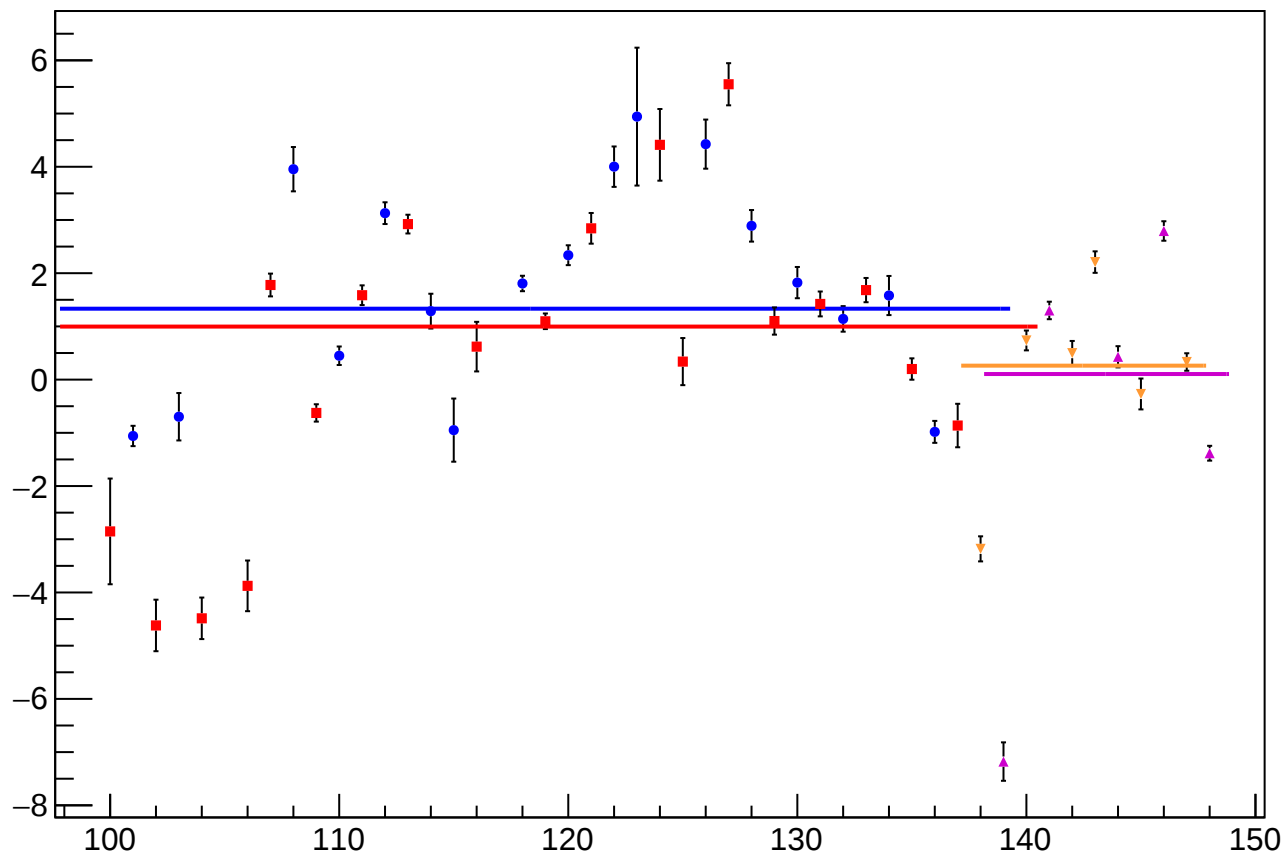
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.182+/-0.112 χ^2/NDF :27239.3/4

Out: -17.813+/-0.112 χ^2/NDF :13582.0/5

All: -19.499+/-0.079 χ^2/NDF : 41274.3/10

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.263 ± 0.085 χ^2/NDF : 317.6/5

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.105 ± 0.081 χ^2/NDF : 791.9/4

Left: 0.181 ± 0.059 χ^2/NDF : 1111.3/10

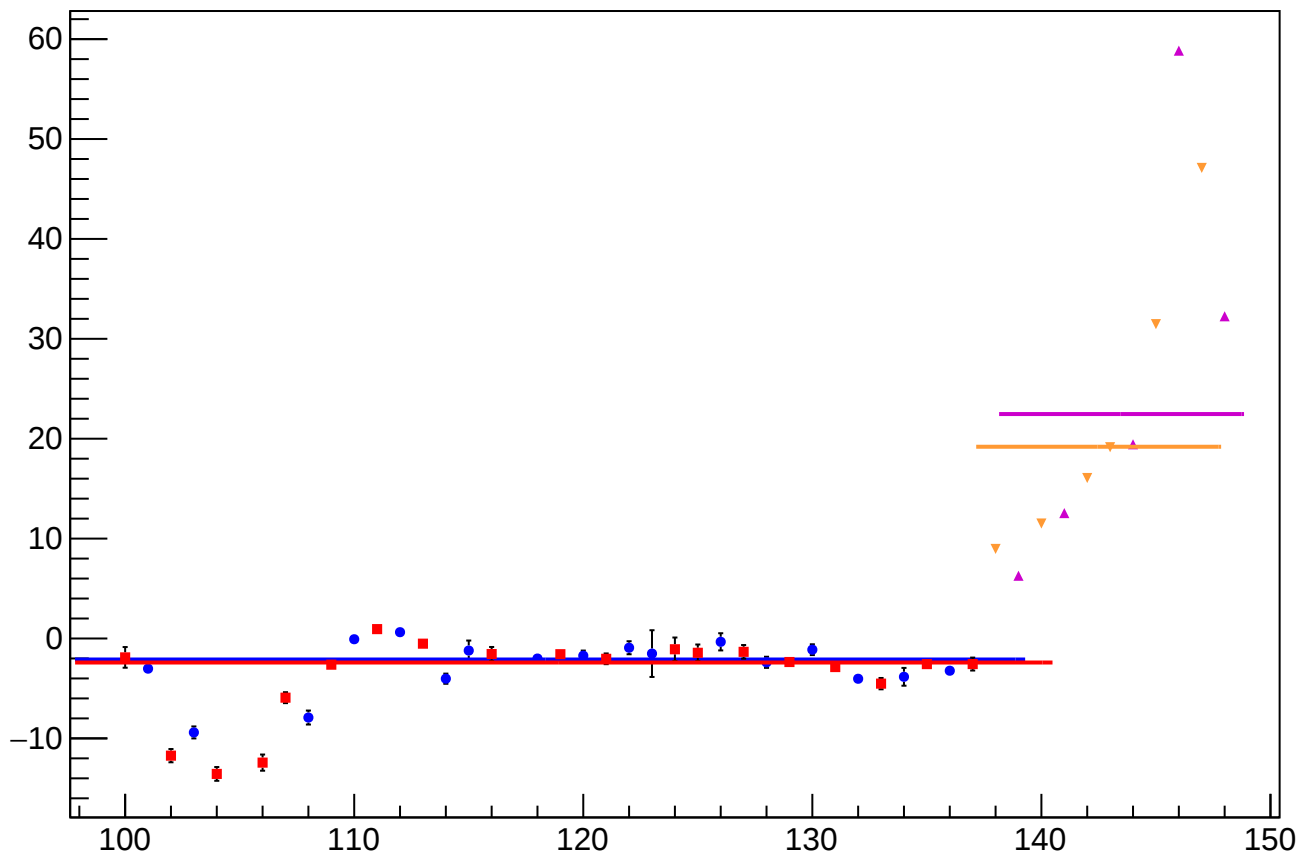
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 0.889 ± 0.049 χ^2/NDF : 1572.0/21

Out: 0.763 ± 0.048 χ^2/NDF : 1314.1/24

All: 0.824 ± 0.034 χ^2/NDF : 2889.5/46

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: 19.195 ± 0.118 $\chi^2/\text{NDF}: 11896.2/5$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 22.468 ± 0.115 $\chi^2/\text{NDF}: 23570.4/4$

Left: 20.870 ± 0.082 $\chi^2/\text{NDF}: 35859.9/10$

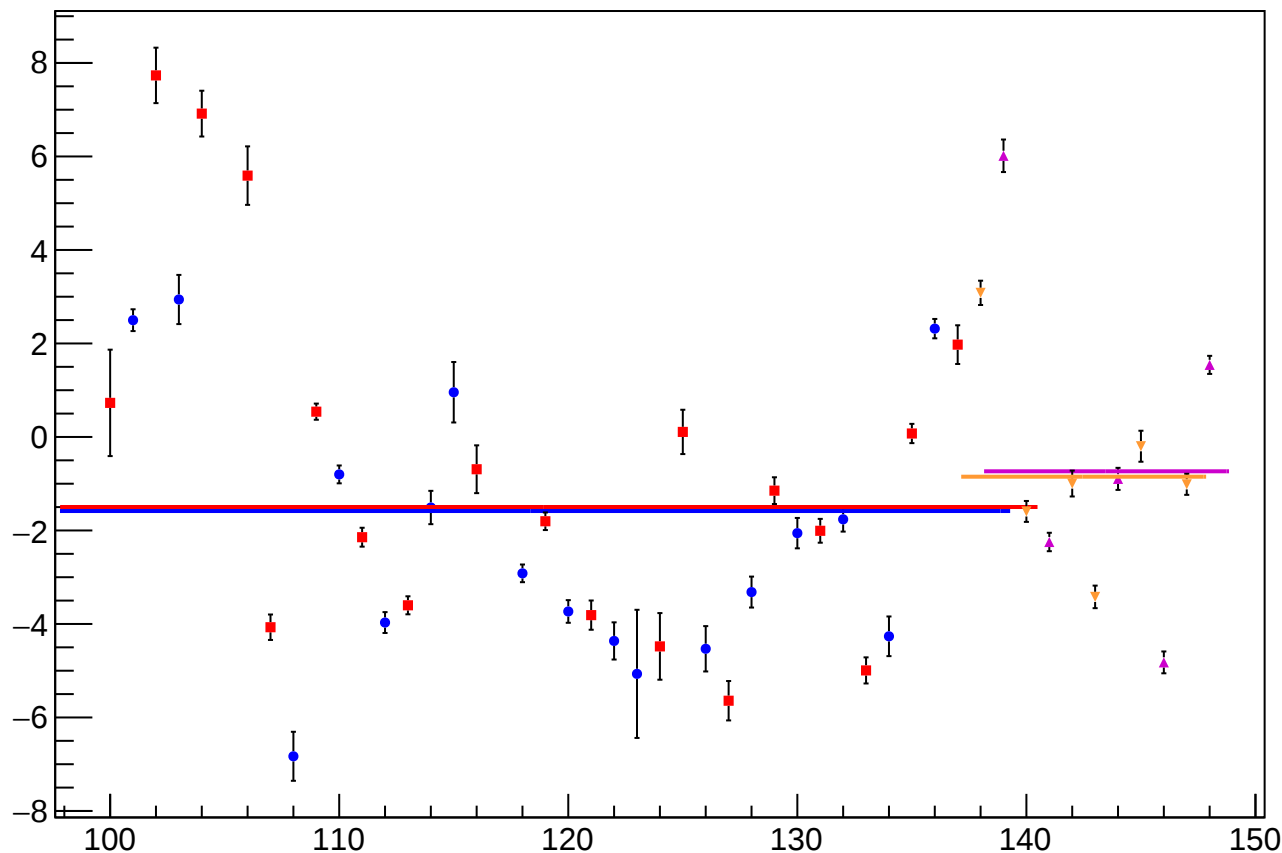
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 9.698 ± 0.080 $\chi^2/\text{NDF}: 47600.0/21$

Out: 6.491 ± 0.076 $\chi^2/\text{NDF}: 32476.7/24$

All: 8.008 ± 0.055 $\chi^2/\text{NDF}: 80924.8/46$

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: -0.850 ± 0.103 $\chi^2/\text{NDF}: 358.2/5$

Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$

Left In: -0.734 ± 0.102 $\chi^2/\text{NDF}: 880.1/4$

Left: -0.791 ± 0.072 $\chi^2/\text{NDF}: 1239.0/10$

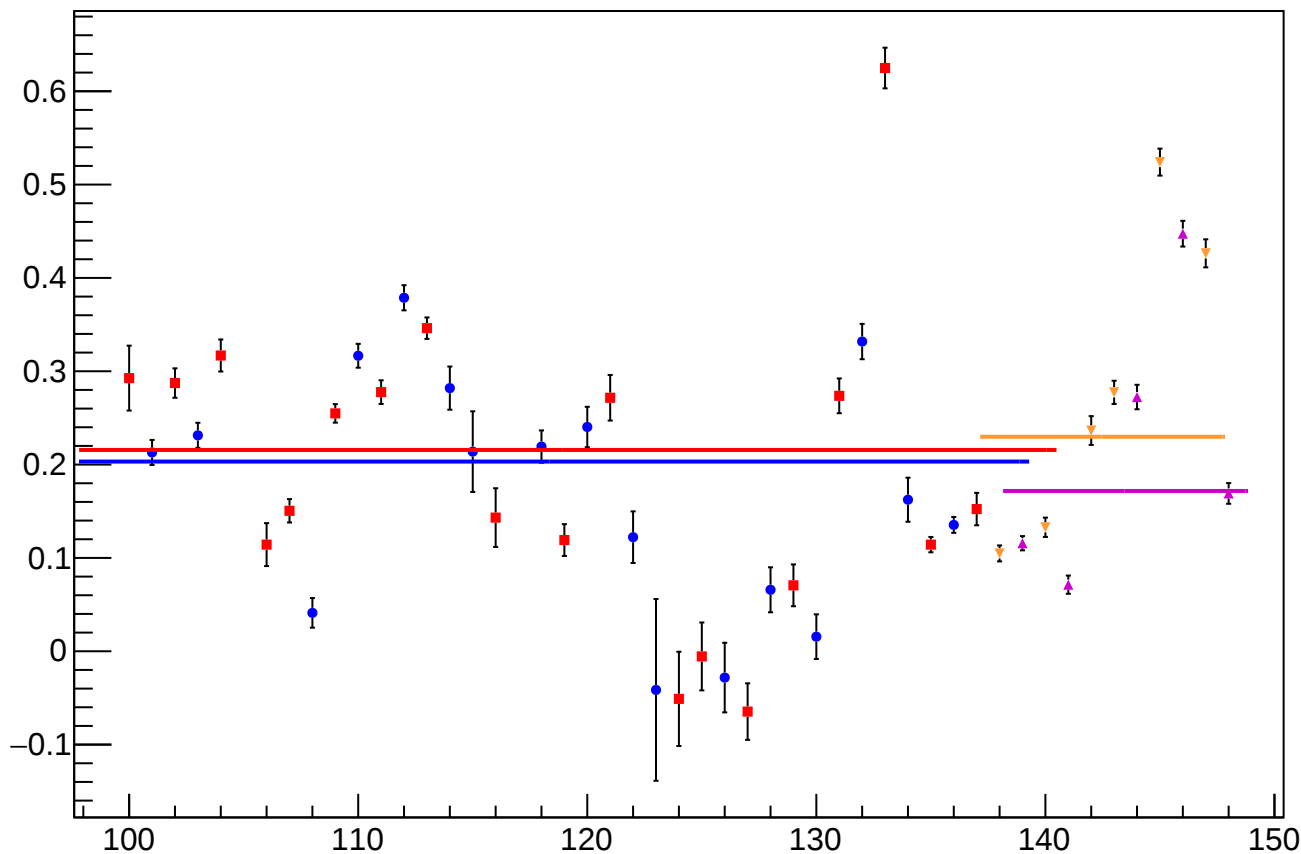
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -1.308 ± 0.058 $\chi^2/\text{NDF}: 2199.6/21$

Out: -1.312 ± 0.055 $\chi^2/\text{NDF}: 1890.0/24$

All: -1.310 ± 0.040 $\chi^2/\text{NDF}: 4089.6/46$

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: 0.230 $\pm$ 0.005 χ^2 /NDF:902.4/5

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.172 $\pm$ 0.005 χ^2 /NDF:618.2/4

Left: 0.199 $\pm$ 0.003 χ^2 /NDF: 1596.1/10

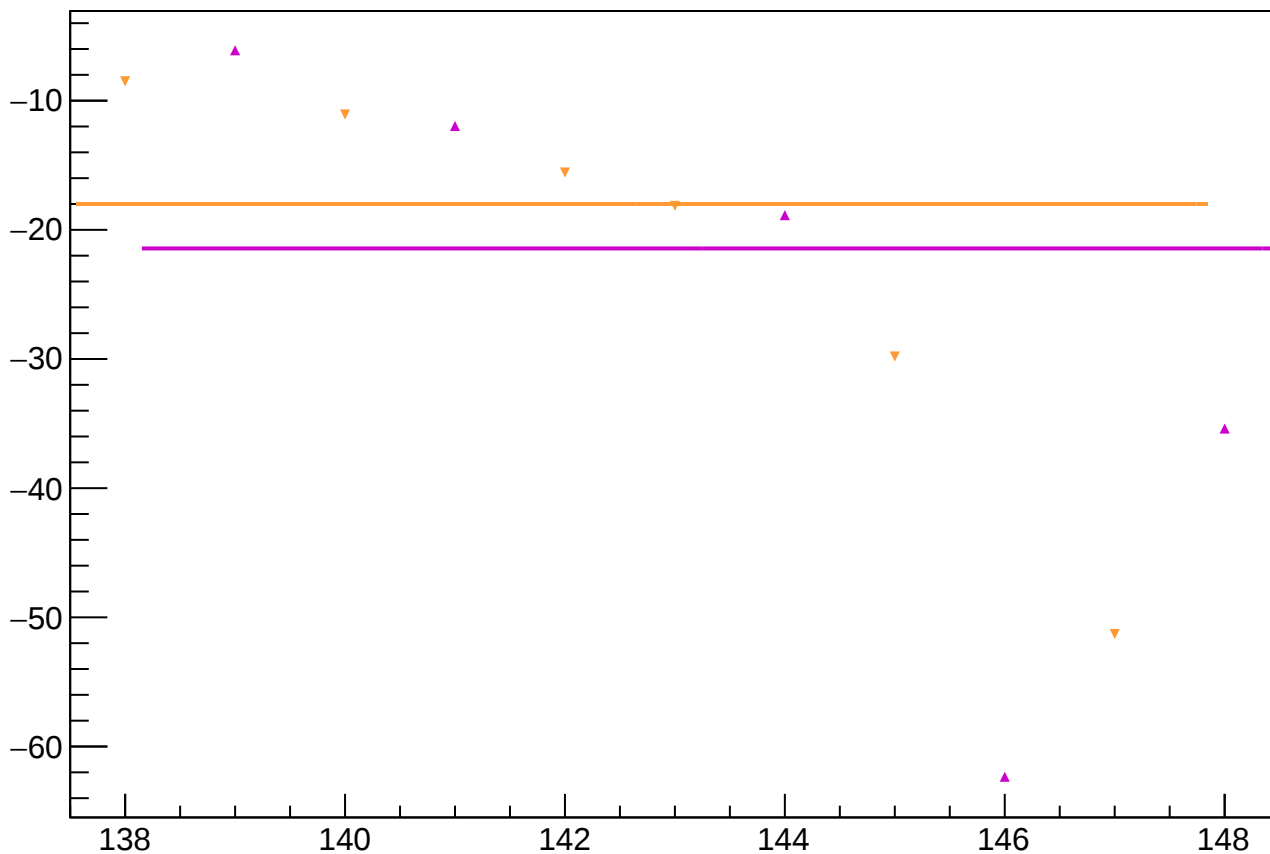
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.189 $\pm$ 0.003 χ^2 /NDF:1276.8/21

Out: 0.221 $\pm$ 0.003 χ^2 /NDF:1945.7/24

All: 0.206 $\pm$ 0.002 χ^2 /NDF: 3278.0/46

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



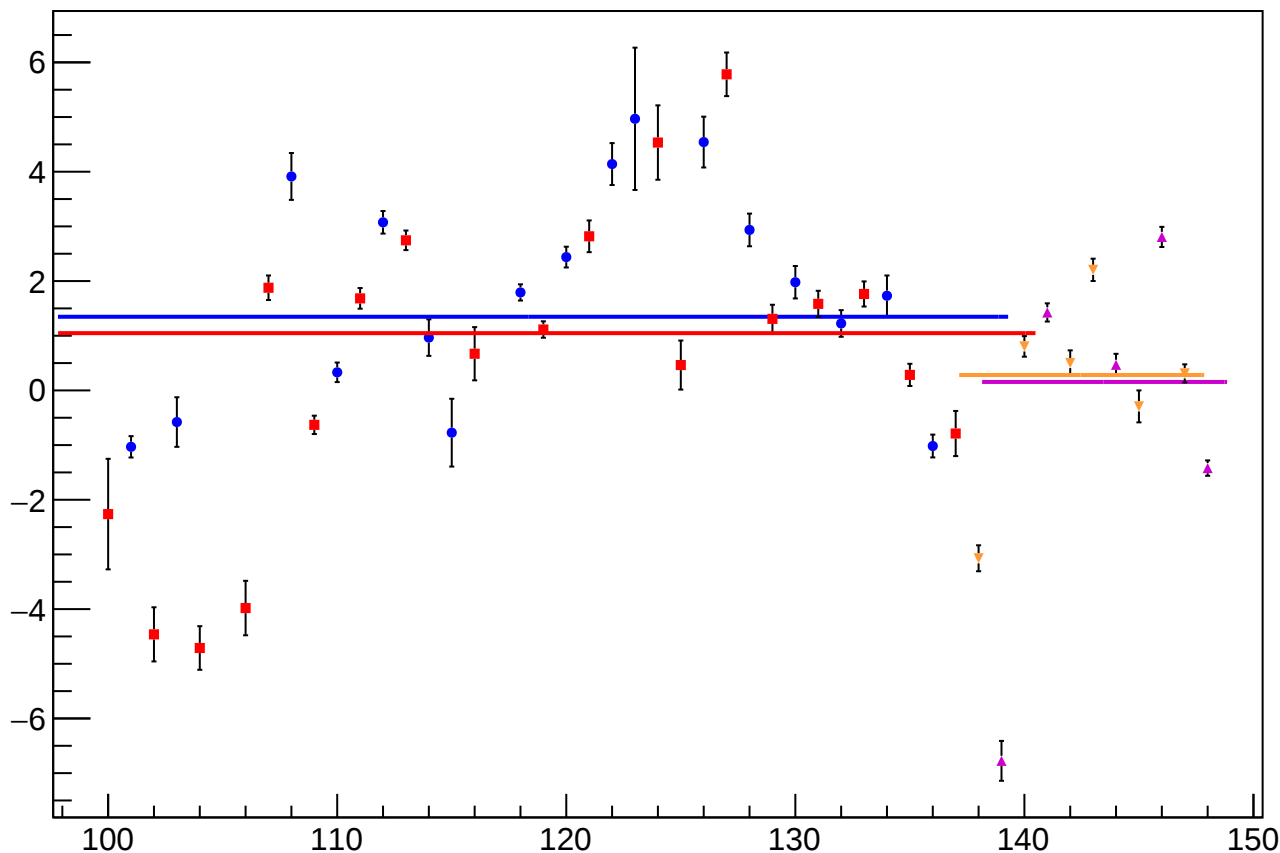
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.000+/-0.113 χ^2/NDF :13466.1/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.441+/-0.113 χ^2/NDF :26851.8/4

Left: -19.721+/-0.080 χ^2/NDF : 40781.7/10
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.441+/-0.113 χ^2/NDF :26851.8/4
 Out: -18.000+/-0.113 χ^2/NDF :13466.1/5

All: -19.721+/-0.080 χ^2/NDF : 40781.7/10

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: 0.282 $\pm$ 0.085 χ^2 /NDF:300.6/5

Right Out: 1.047 $\pm$ 0.059 χ^2 /NDF: 916.0/18

Left In: 0.155 $\pm$ 0.082 χ^2 /NDF:753.9/4

Left: 0.216 $\pm$ 0.059 χ^2 /NDF: 1055.6/10

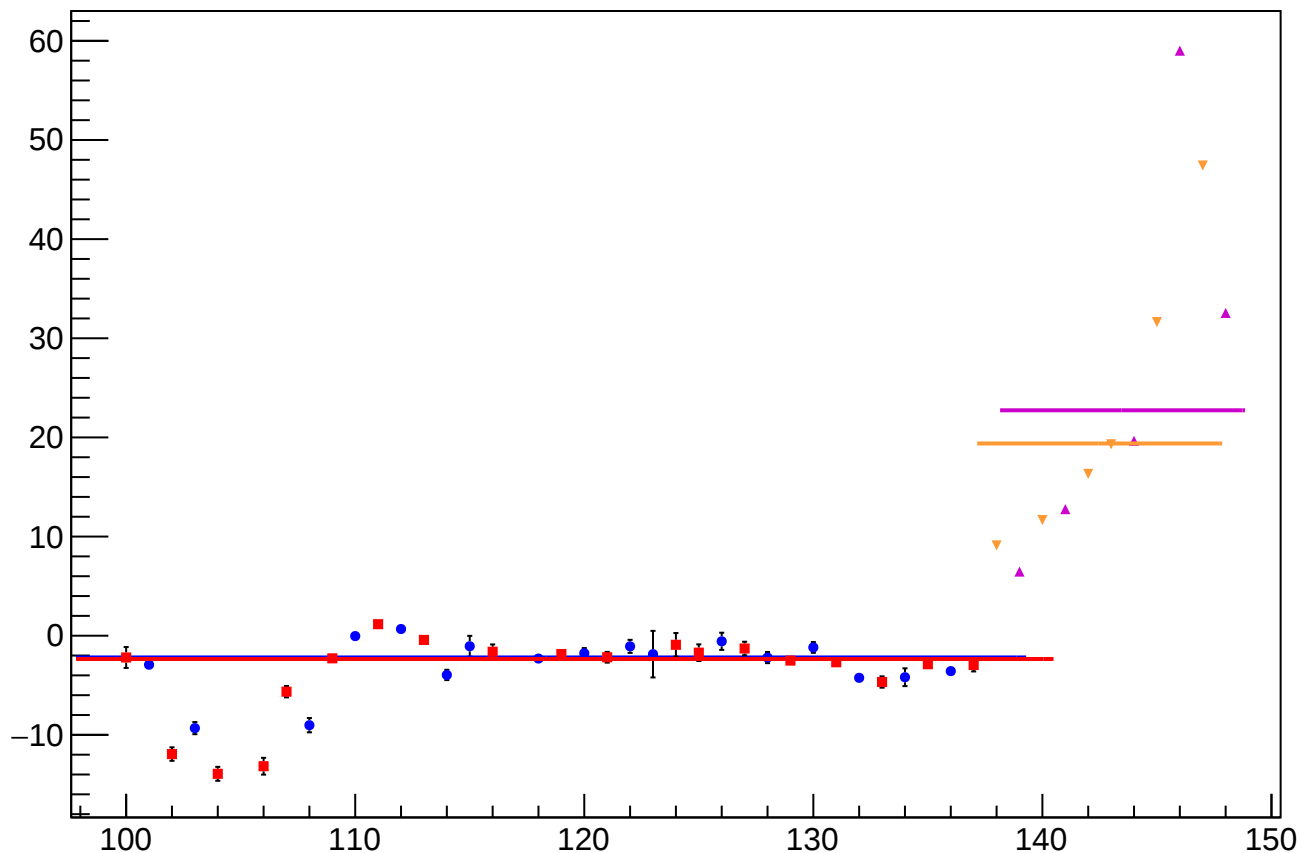
Right: 1.190 $\pm$ 0.043 χ^2 /NDF: 1558.3/35

In: 0.912 $\pm$ 0.050 χ^2 /NDF:1517.8/21

Out: 0.799 $\pm$ 0.049 χ^2 /NDF:1270.9/24

All: 0.854 $\pm$ 0.035 χ^2 /NDF: 2791.3/46

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: 19.390 ± 0.119 $\chi^2/\text{NDF}: 11787.4/5$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 22.736 ± 0.116 $\chi^2/\text{NDF}: 23209.0/4$

Left: 21.100 ± 0.083 $\chi^2/\text{NDF}: 35399.7/10$

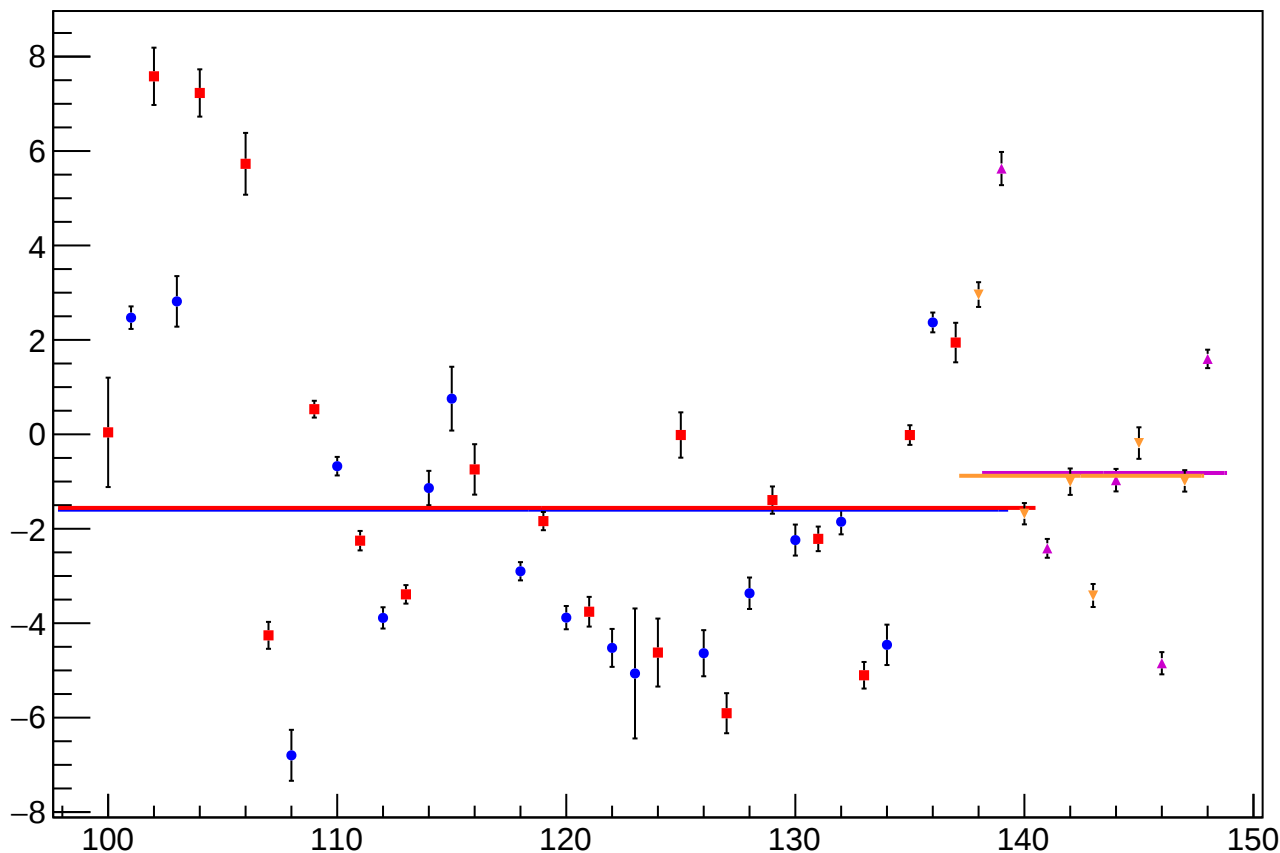
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 9.877 ± 0.081 $\chi^2/\text{NDF}: 47301.8/21$

Out: 6.730 ± 0.077 $\chi^2/\text{NDF}: 32089.6/24$

All: 8.222 ± 0.056 $\chi^2/\text{NDF}: 80184.1/46$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 $\chi^2/\text{NDF}: 1255.4/16$

Left Out: -0.878 ± 0.104 $\chi^2/\text{NDF}: 339.9/5$

Right Out: -1.558 ± 0.067 $\chi^2/\text{NDF}: 1463.8/18$

Left In: -0.818 ± 0.103 $\chi^2/\text{NDF}: 847.3/4$

Left: -0.848 ± 0.073 $\chi^2/\text{NDF}: 1187.4/10$

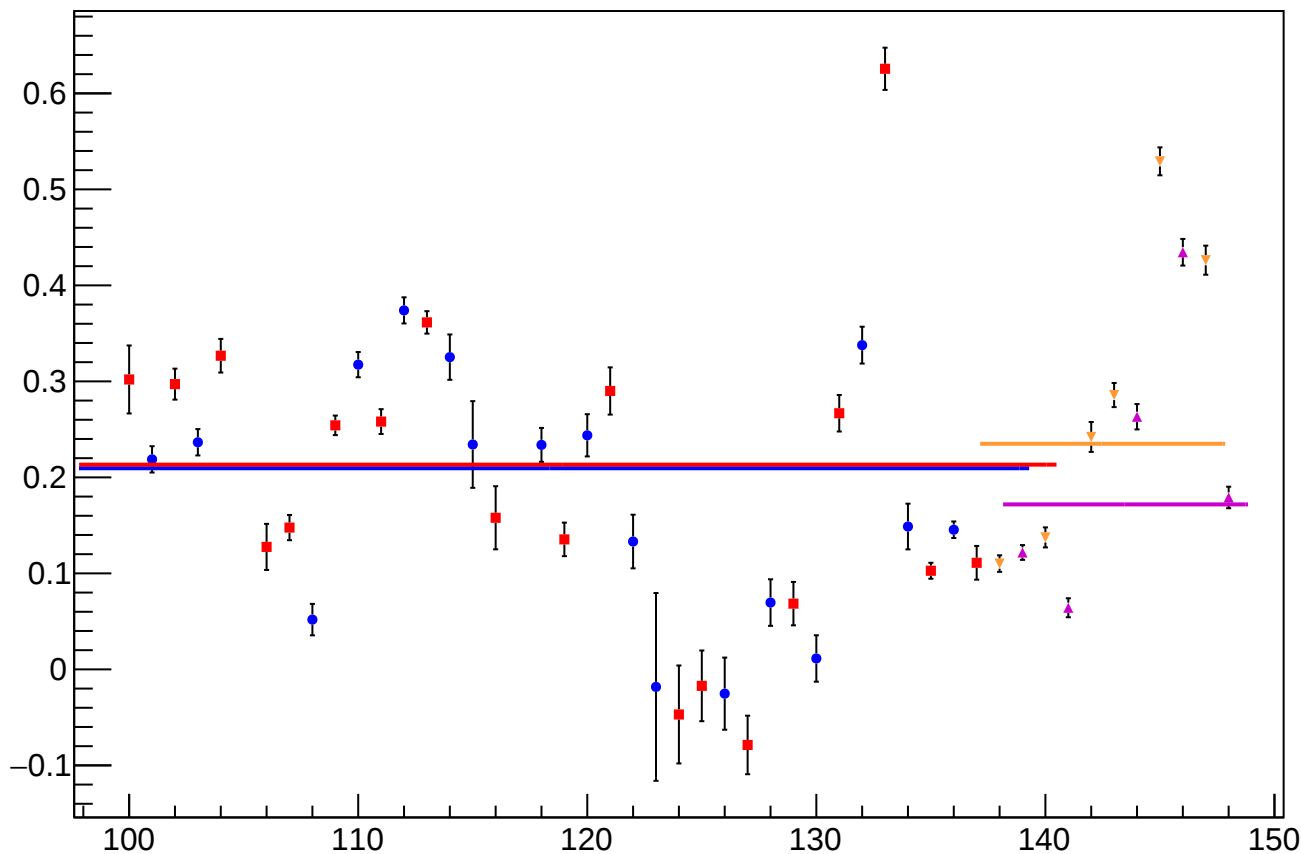
Right: -1.575 ± 0.049 $\chi^2/\text{NDF}: 2719.3/35$

In: -1.340 ± 0.059 $\chi^2/\text{NDF}: 2141.2/21$

Out: -1.360 ± 0.056 $\chi^2/\text{NDF}: 1833.9/24$

All: -1.350 ± 0.041 $\chi^2/\text{NDF}: 3975.2/46$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.235 ± 0.005 $\chi^2/\text{NDF}: 881.8/5$

Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1103.2/18$

Left In: 0.172 ± 0.005 $\chi^2/\text{NDF}: 567.2/4$

Left: 0.202 ± 0.003 $\chi^2/\text{NDF}: 1536.6/10$

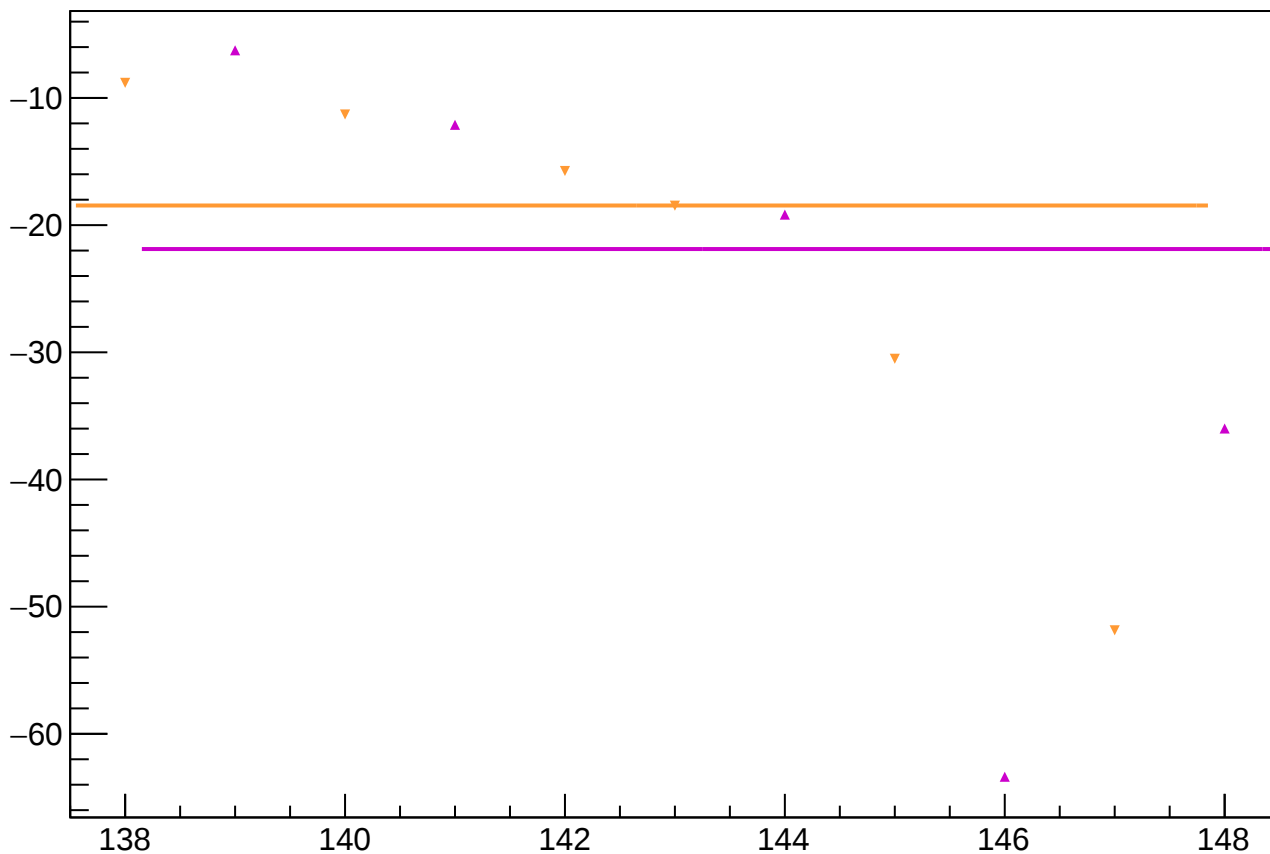
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1701.4/35$

In: 0.193 ± 0.003 $\chi^2/\text{NDF}: 1200.9/21$

Out: 0.221 ± 0.003 $\chi^2/\text{NDF}: 1997.5/24$

All: 0.208 ± 0.002 $\chi^2/\text{NDF}: 3242.8/46$

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: -18.456+/-0.115 χ^2/NDF :13269.7/5

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.879+/-0.115 χ^2/NDF :26775.1/4

Left: -20.170+/-0.081 χ^2/NDF : 40486.0/10

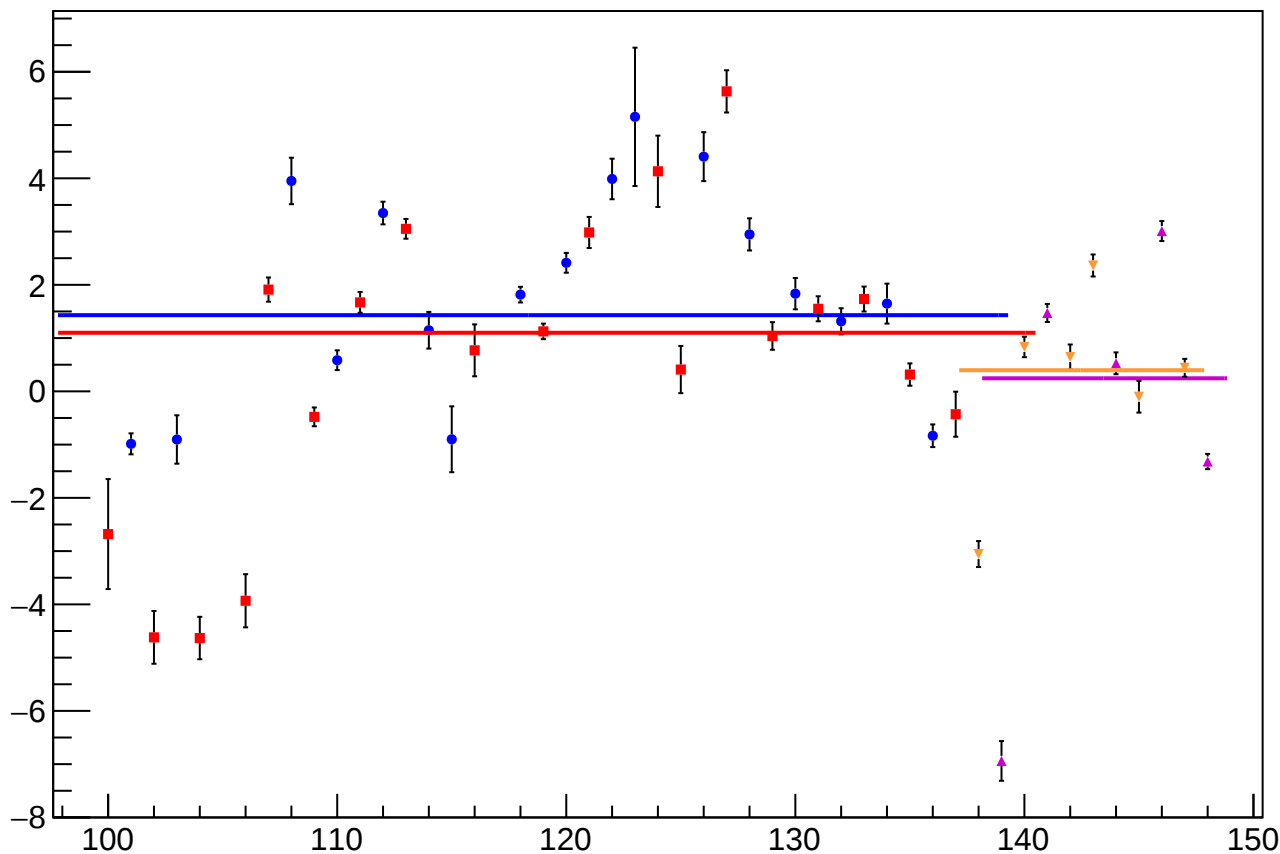
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.879+/-0.115 χ^2/NDF :26775.1/4

Out: -18.456+/-0.115 χ^2/NDF :13269.7/5

All: -20.170+/-0.081 χ^2/NDF : 40486.0/10

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: 0.397 ± 0.087 χ^2/NDF : 300.4/5

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 0.245 ± 0.084 χ^2/NDF : 762.3/4

Left: 0.318 ± 0.060 χ^2/NDF : 1064.3/10

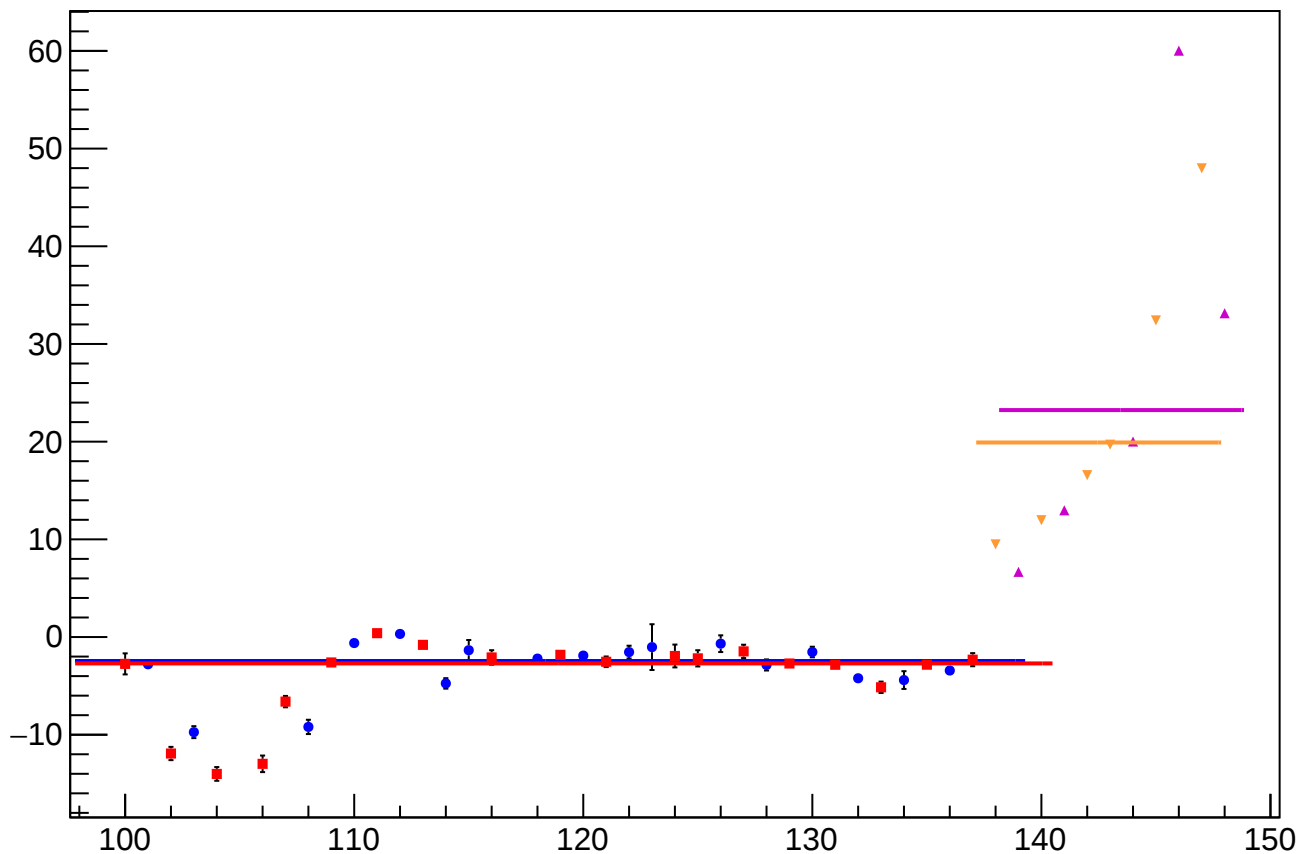
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.003 ± 0.050 χ^2/NDF : 1488.9/21

Out: 0.873 ± 0.049 χ^2/NDF : 1245.7/24

All: 0.937 ± 0.035 χ^2/NDF : 2738.0/46

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456+/-0.115 χ^2/NDF : 419.1/16

Left Out: 19.916+/-0.122 χ^2/NDF :11587.5/5

Right Out: -2.700+/-0.103 χ^2/NDF : 829.7/18

Left In: 23.233+/-0.119 χ^2/NDF :23123.5/4

Left: 21.613+/-0.085 χ^2/NDF : 35092.2/10

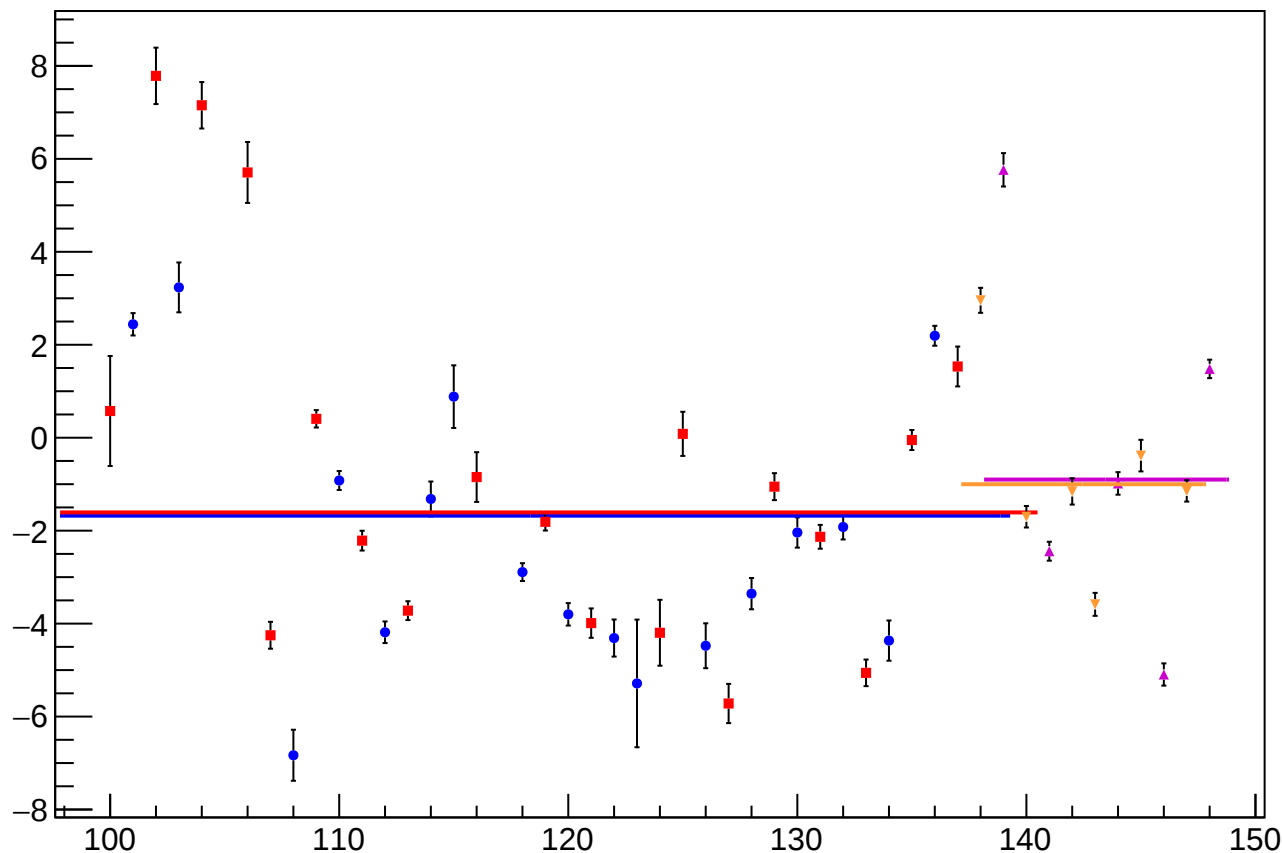
Right: -2.591+/-0.077 χ^2/NDF : 1251.4/35

In: 9.931+/-0.082 χ^2/NDF :47789.5/21

Out: 6.763+/-0.079 χ^2/NDF :32556.9/24

All: 8.272+/-0.057 χ^2/NDF : 81119.9/46

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -1.001 ± 0.106 $\chi^2/\text{NDF}: 338.9/5$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -0.901 ± 0.104 $\chi^2/\text{NDF}: 853.2/4$

Left: -0.950 ± 0.074 $\chi^2/\text{NDF}: 1192.5/10$

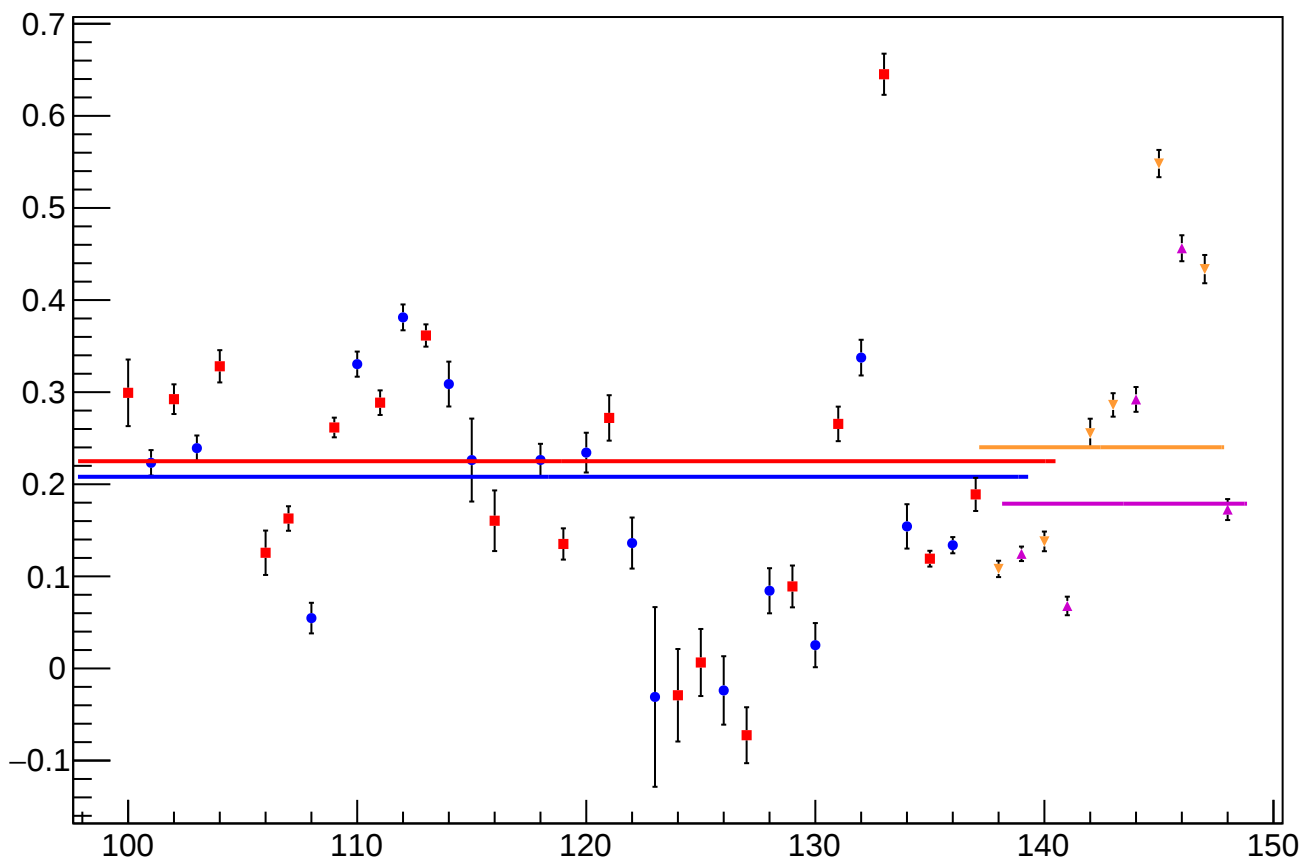
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -1.425 ± 0.060 $\chi^2/\text{NDF}: 2095.3/21$

Out: -1.431 ± 0.057 $\chi^2/\text{NDF}: 1792.8/24$

All: -1.428 ± 0.041 $\chi^2/\text{NDF}: 3888.1/46$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 $\chi^2/\text{NDF}: 600.2/16$

Left Out: 0.240 ± 0.005 $\chi^2/\text{NDF}: 919.4/5$

Right Out: 0.225 ± 0.004 $\chi^2/\text{NDF}: 1000.0/18$

Left In: 0.179 ± 0.005 $\chi^2/\text{NDF}: 627.2/4$

Left: 0.208 ± 0.003 $\chi^2/\text{NDF}: 1625.9/10$

Right: 0.217 ± 0.003 $\chi^2/\text{NDF}: 1609.0/35$

In: 0.195 ± 0.003 $\chi^2/\text{NDF}: 1248.3/21$

Out: 0.231 ± 0.003 $\chi^2/\text{NDF}: 1925.3/24$

All: 0.214 ± 0.002 $\chi^2/\text{NDF}: 3239.2/46$