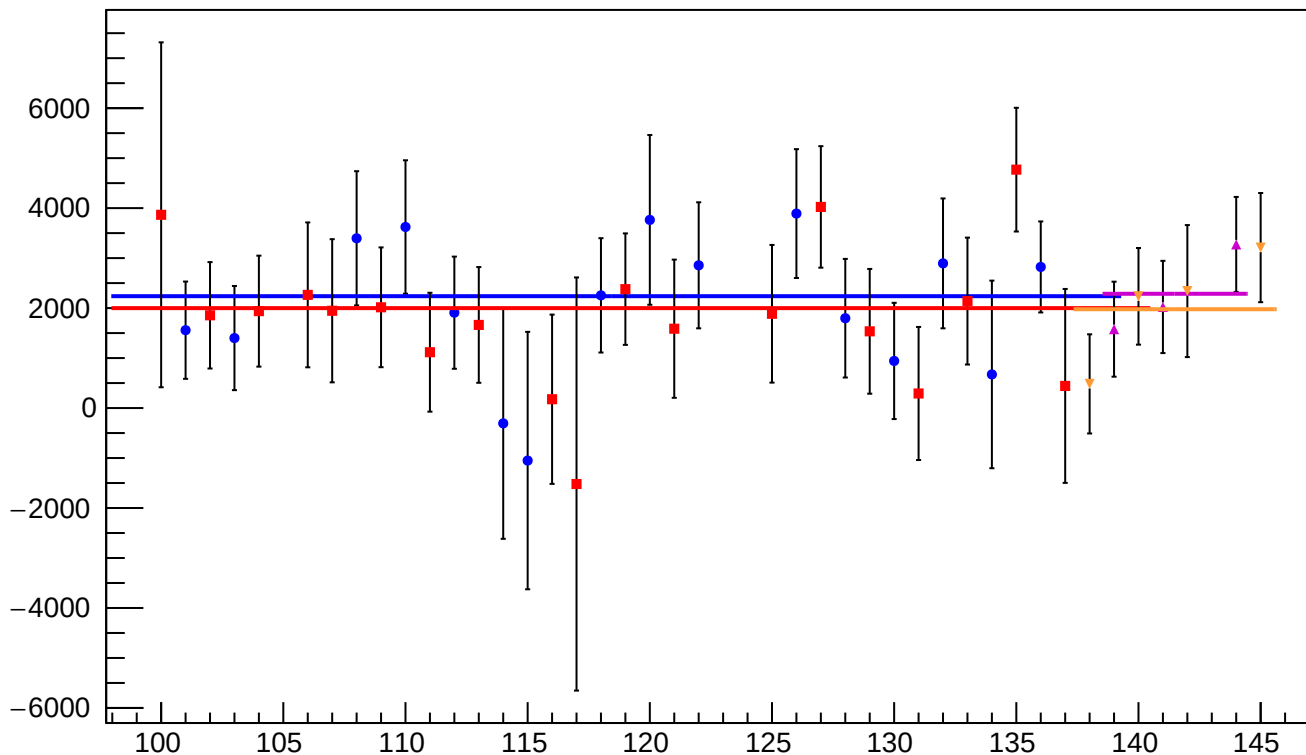


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

2170.844+/-271.174

χ^2/NDF : 15.2/19

Left Out: 1977.118+/-534.685

χ^2/NDF : 3.7/3

2119.125+/-190.469

χ^2/NDF : 30.5/41

Right Out: 1999.038+/-307.507

χ^2/NDF : 13.3/18

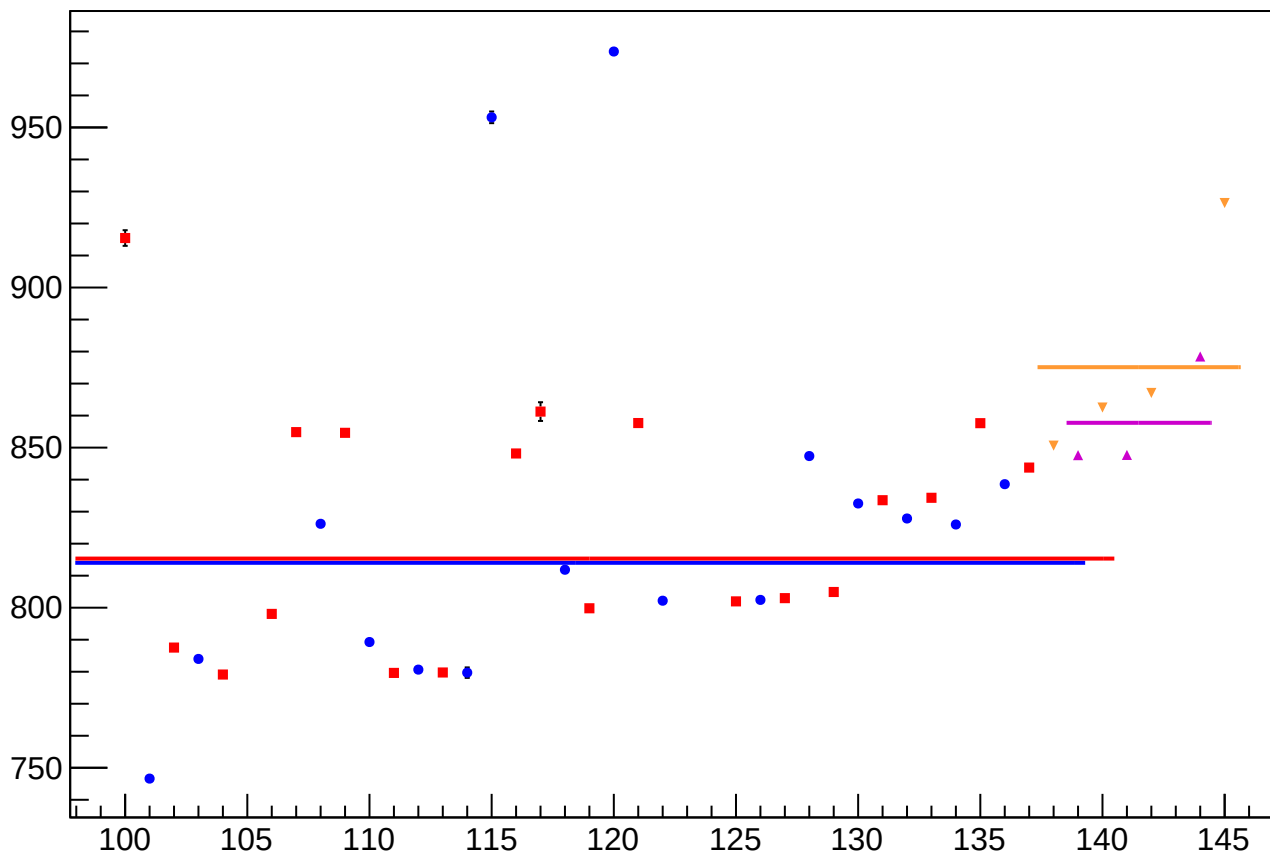
2068.765+/-267.589

χ^2/NDF : 15.2/21

Left In: 2286.247+/-543.084

χ^2/NDF : 1.7/2

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 814.021 $\pm$ 0.222 χ^2/NDF : 42041.6/15

Left Out: 875.119 $\pm$ 0.378 χ^2/NDF : 6043.3/3

Right Out: 815.340 $\pm$ 0.217 χ^2/NDF : 20207.4/18

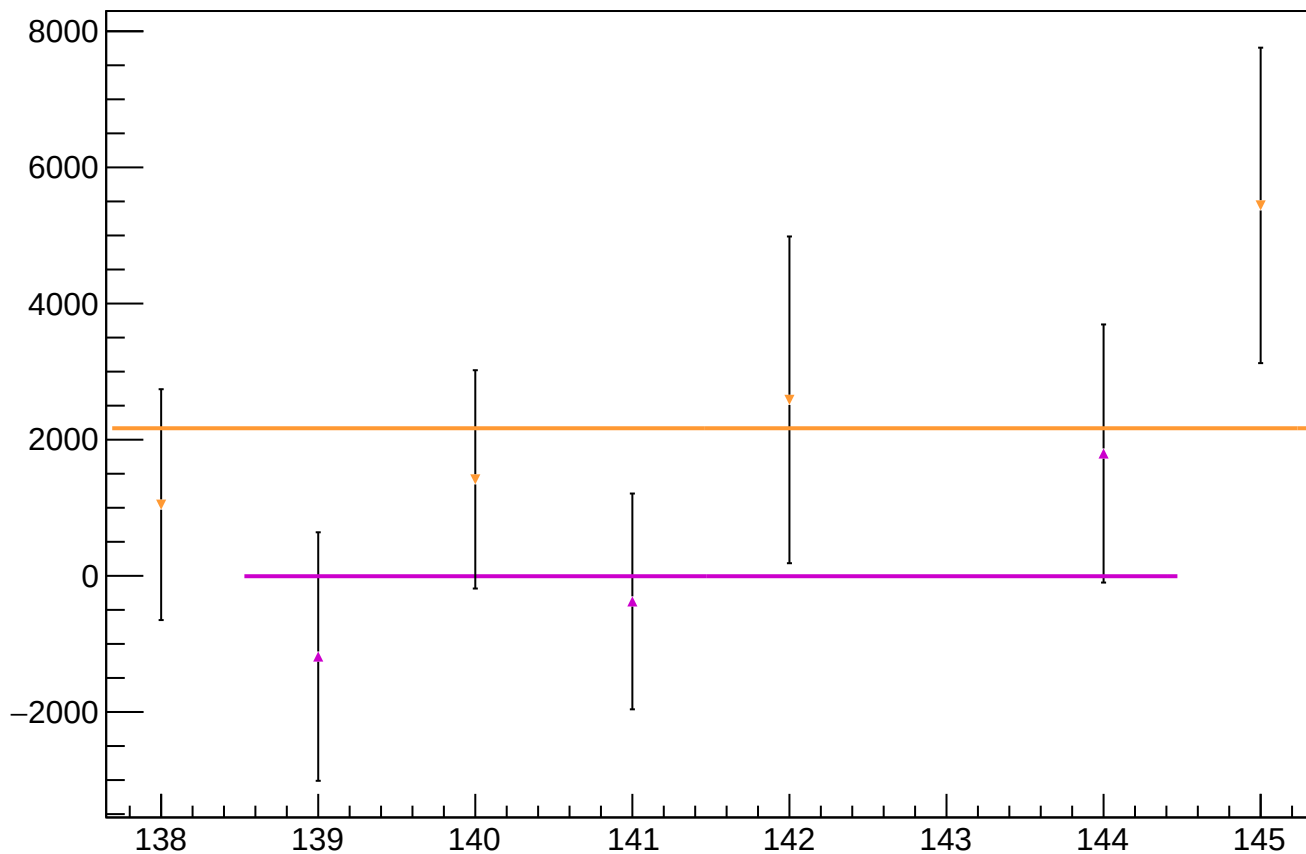
Left In: 857.745 $\pm$ 0.384 χ^2/NDF : 1413.2/2

829.737 $\pm$ 0.192 χ^2/NDF : 67482.8/19

827.658 $\pm$ 0.135 χ^2/NDF : 98568.5/41

825.635 $\pm$ 0.189 χ^2/NDF : 30853.9/21

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2168.016+/-954.935 χ^2/NDF : 2.7/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

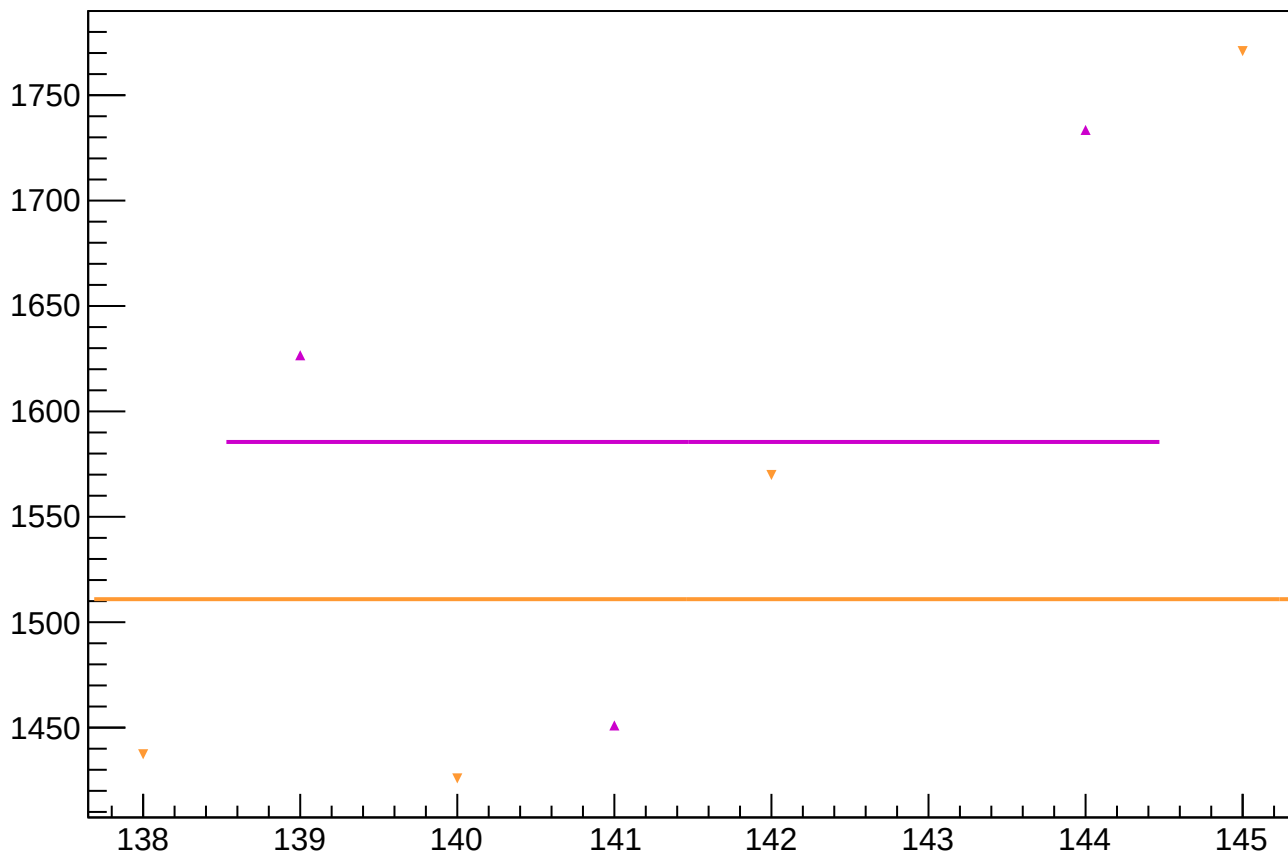
Left In: -5.599+/-1012.003 χ^2/NDF : 1.4/2

2168.016+/-954.935 χ^2/NDF : 2.7/3

1144.219+/-694.540 χ^2/NDF : 6.5/6

-5.599+/-1012.003 χ^2/NDF : 1.4/2

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1510.923+/-0.675 χ^2/NDF : 35770.7/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

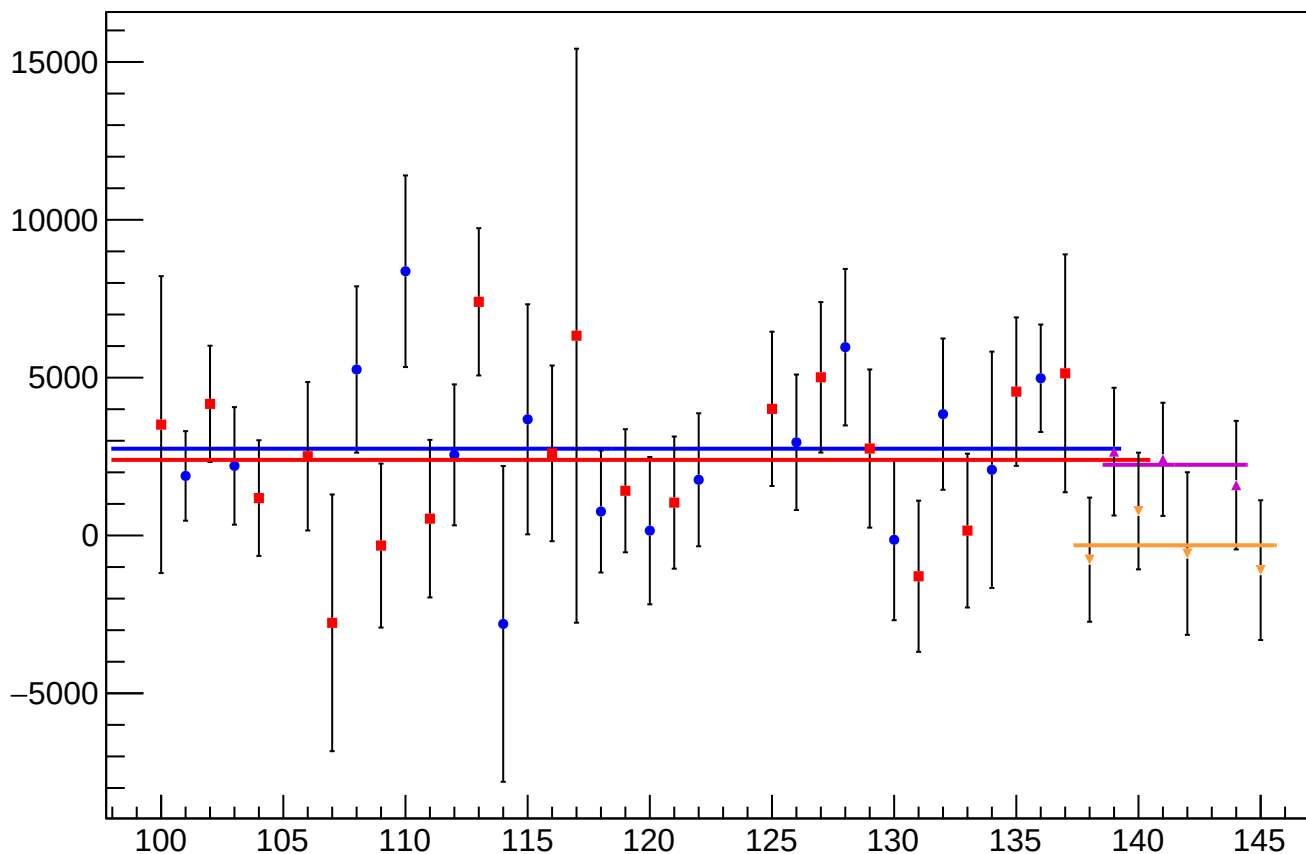
Left In: 1585.502+/-0.716 χ^2/NDF : 27602.4/2

1510.923+/-0.675 χ^2/NDF : 35770.7/3

1546.050+/-0.491 χ^2/NDF : 69118.9/6

1585.502+/-0.716 χ^2/NDF : 27602.4/2

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2748.777 $\pm$ 562.943 χ^2 /NDF: 13.5/15

Left Out: -310.969 $\pm$ 1050.638 χ^2 /NDF: 0.5/3

Right Out: 2394.856 $\pm$ 567.856 χ^2 /NDF: 16.4/18

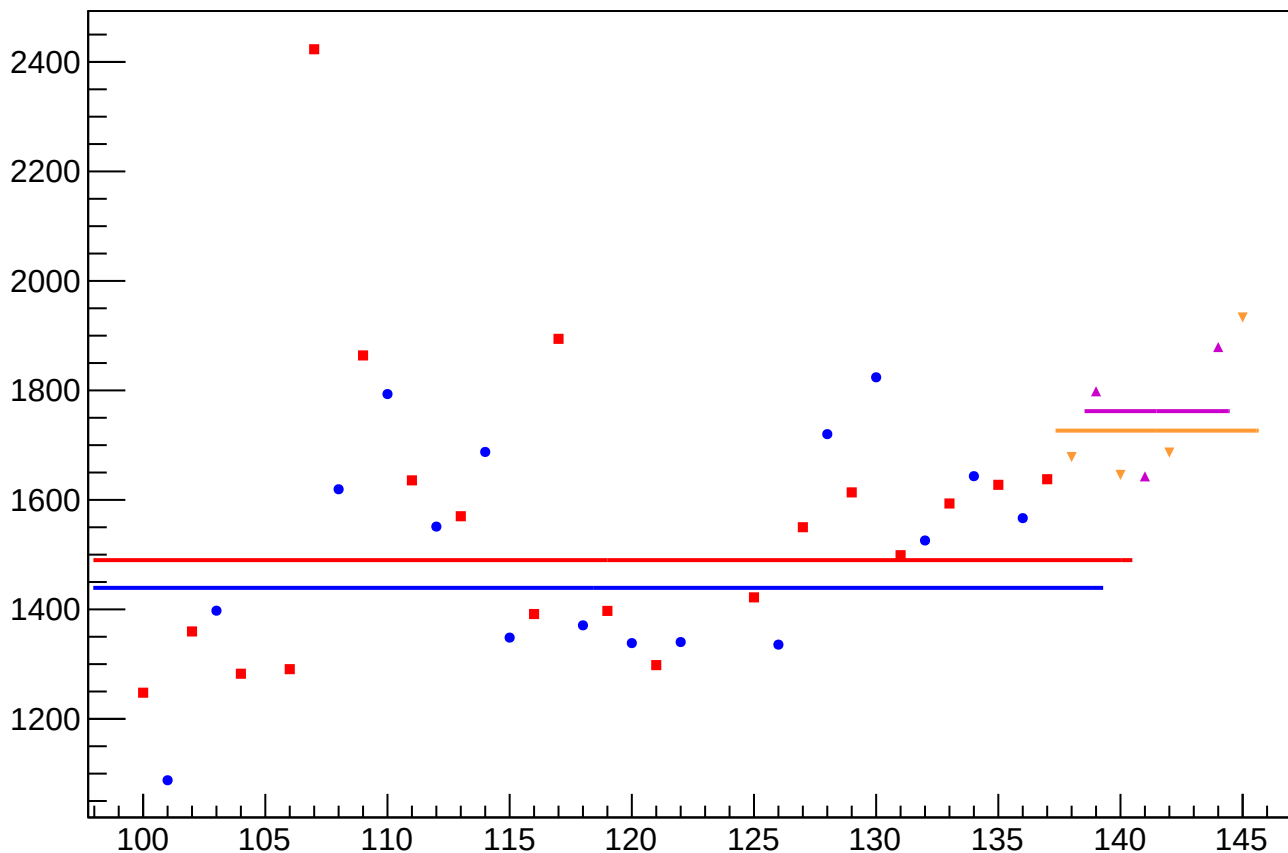
Left In: 2239.398 $\pm$ 1120.481 χ^2 /NDF: 0.2/2

2066.284 $\pm$ 496.203 χ^2 /NDF: 20.7/19

2211.632 $\pm$ 354.460 χ^2 /NDF: 37.4/41

2363.088 $\pm$ 506.521 χ^2 /NDF: 16.6/21

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1439.332 $\pm$ 0.398 χ^2/NDF : 277860.8/15

Left Out: 1726.529 $\pm$ 0.743 χ^2/NDF : 22966.6/3

Right Out: 1489.967 $\pm$ 0.402 χ^2/NDF : 260293.3/18

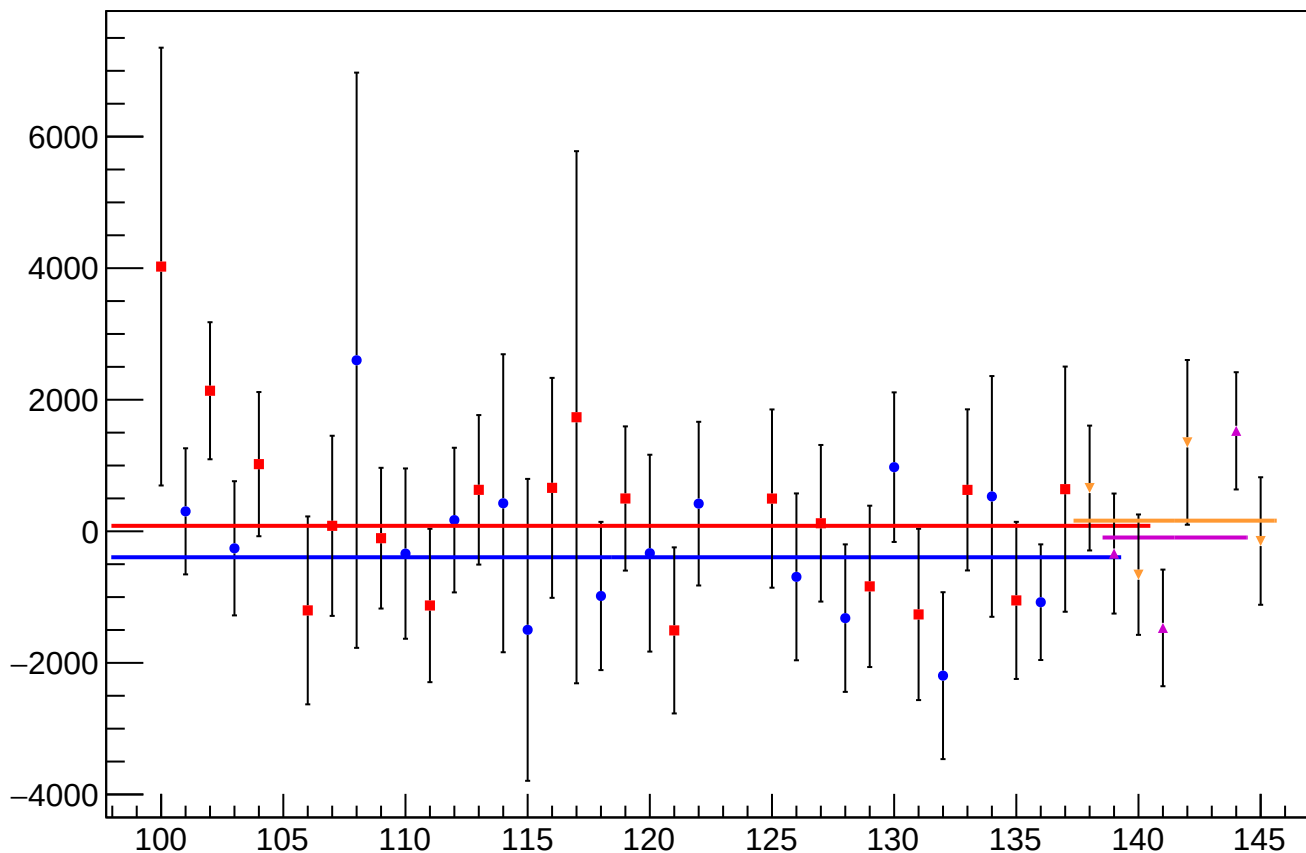
Left In: 1762.141 $\pm$ 0.792 χ^2/NDF : 16092.7/2

1503.393 $\pm$ 0.351 χ^2/NDF : 416938.4/19

1524.056 $\pm$ 0.251 χ^2/NDF : 794299.8/41

1545.587 $\pm$ 0.358 χ^2/NDF : 370279.4/21

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -394.364 $\pm$ 313.174 χ^2/NDF : 7.4/15

Left Out: 161.904 $\pm$ 499.570 χ^2/NDF : 2.1/3

Right Out: 83.274 $\pm$ 297.589 χ^2/NDF : 13.1/18

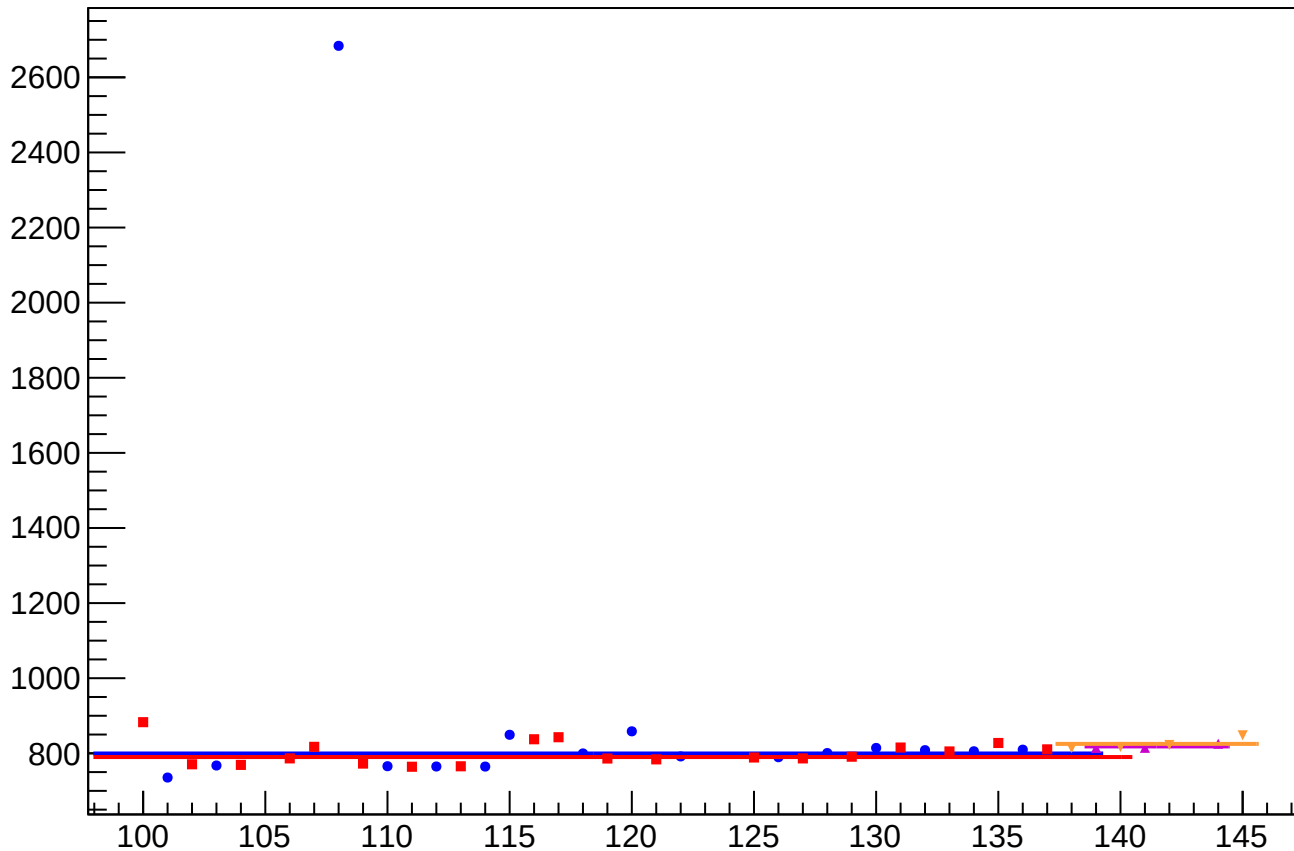
Left In: -94.268 $\pm$ 517.553 χ^2/NDF : 5.8/2

-237.430 $\pm$ 265.346 χ^2/NDF : 10.4/19

-95.244 $\pm$ 184.970 χ^2/NDF : 29.9/41

39.161 $\pm$ 257.983 χ^2/NDF : 19.0/21

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 799.537+/-0.221 χ^2/NDF : 391185.9/15

Left Out: 825.099+/-0.353 χ^2/NDF : 1570.6/3

Right Out: 790.081+/-0.210 χ^2/NDF : 11517.0/18

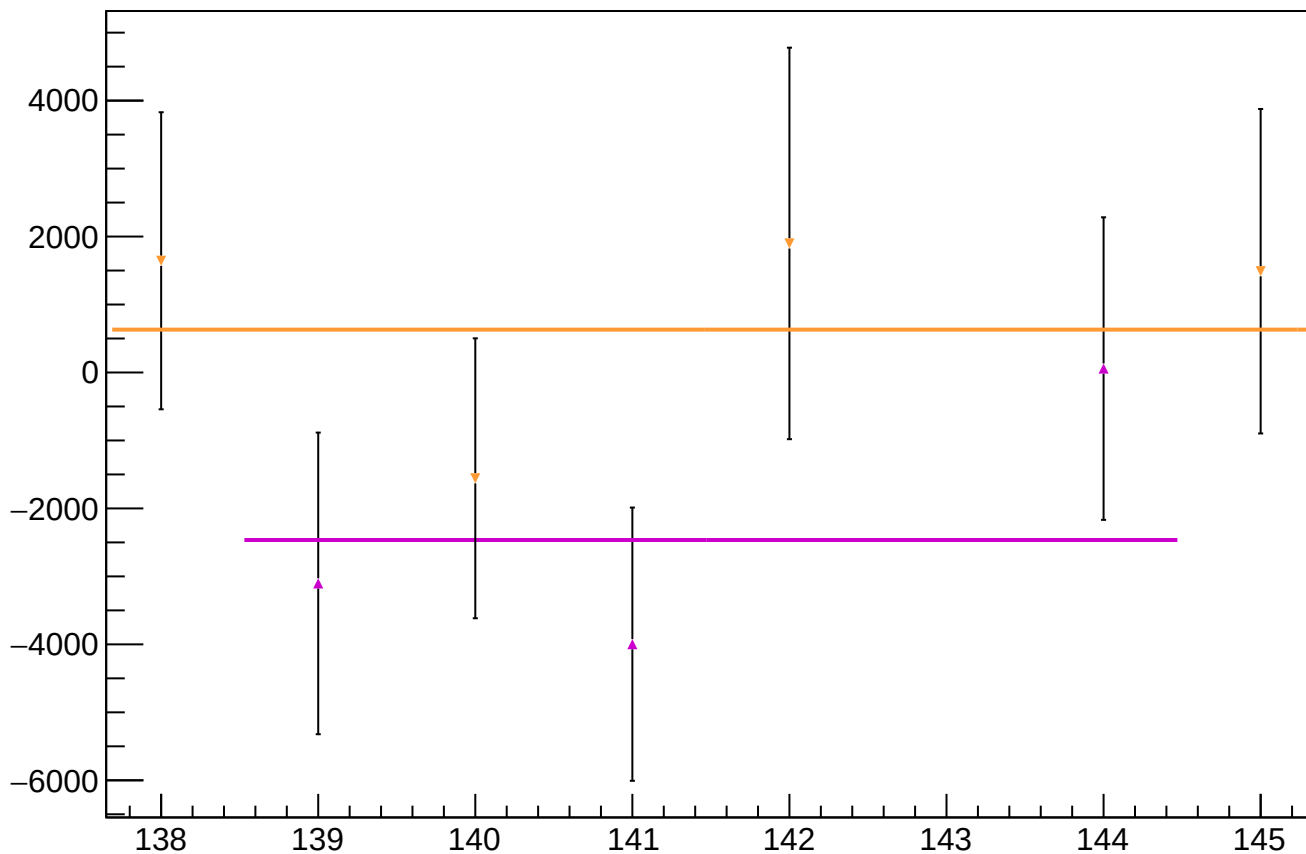
Left In: 818.299+/-0.366 χ^2/NDF : 203.6/2

806.749+/-0.188 χ^2/NDF : 396515.7/19

801.785+/-0.131 χ^2/NDF : 414065.8/41

797.092+/-0.182 χ^2/NDF : 16188.5/21

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 630.757+/-1161.488 χ^2/NDF : 1.7/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

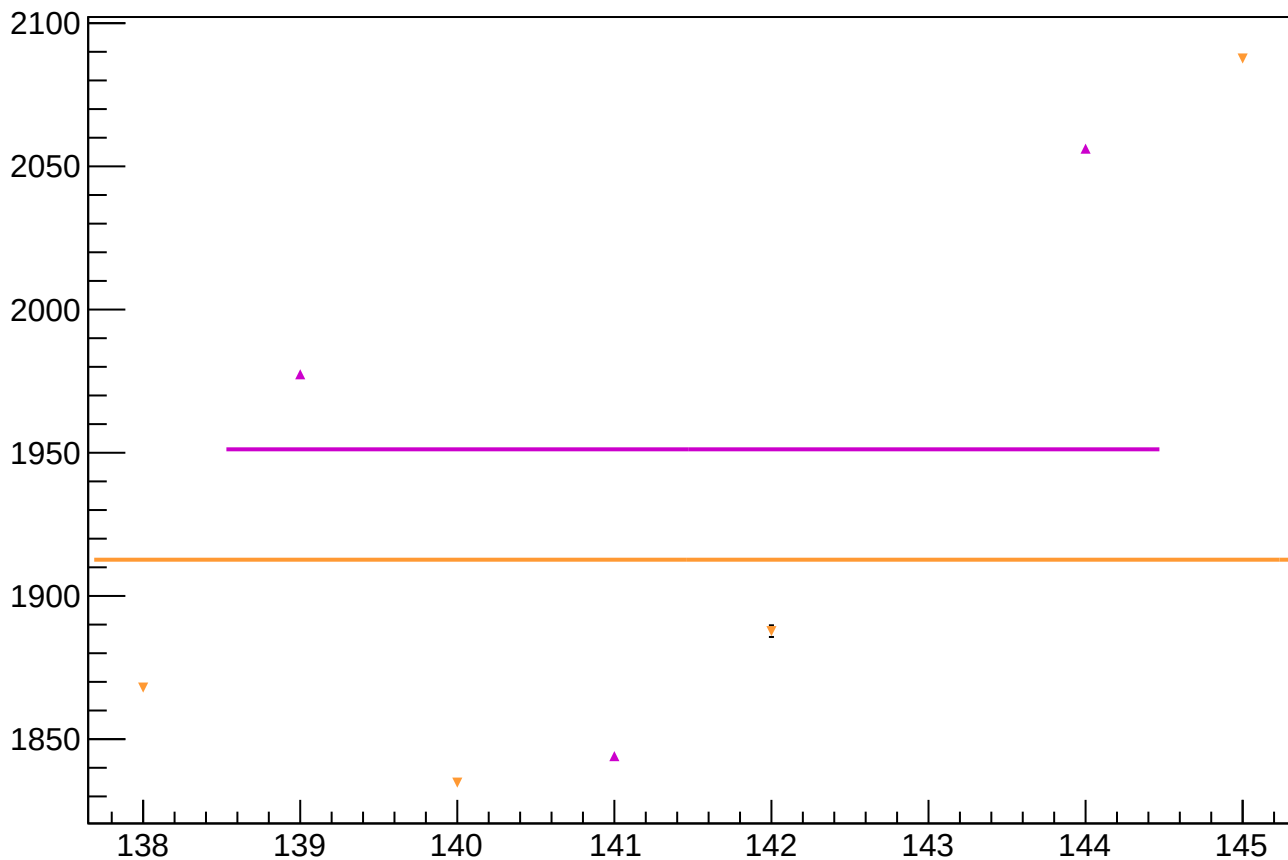
Left In: -2464.477+/-1237.968 χ^2/NDF : 1.9/2

630.757+/-1161.488 χ^2/NDF : 1.7/3

-818.304+/-847.044 χ^2/NDF : 6.9/6

-2464.477+/-1237.968 χ^2/NDF : 1.9/2

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1912.657+/-0.821 χ^2/NDF : 14592.2/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

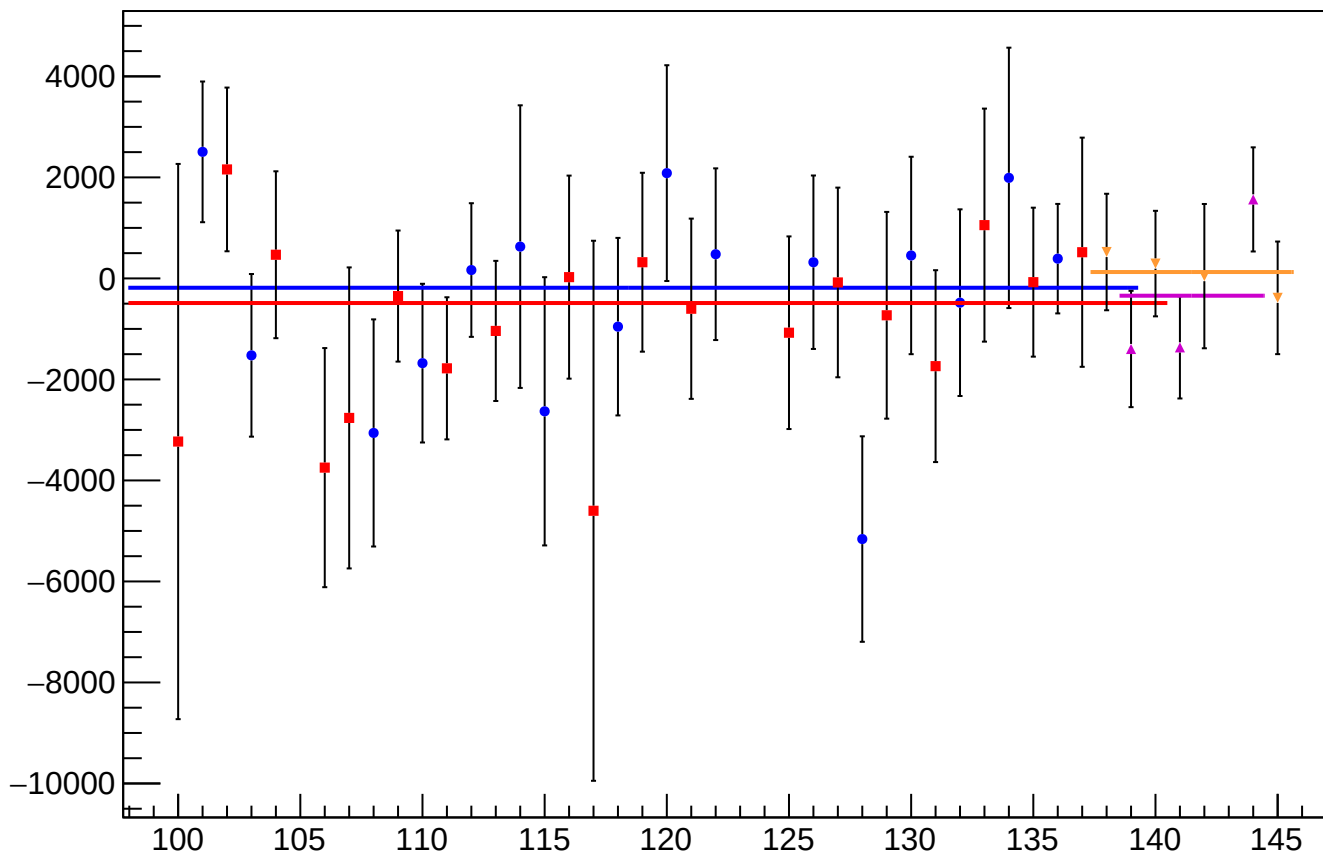
Left In: 1951.199+/-0.875 χ^2/NDF : 10410.6/2

1912.657+/-0.821 χ^2/NDF : 14592.2/3

1930.701+/-0.599 χ^2/NDF : 26033.8/6

1951.199+/-0.875 χ^2/NDF : 10410.6/2

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -185.054+/-431.495 χ^2/NDF : 16.6/15

Left Out: 126.286+/-580.923 χ^2/NDF : 0.4/3

Right Out: -487.483+/-425.566 χ^2/NDF : 8.9/18

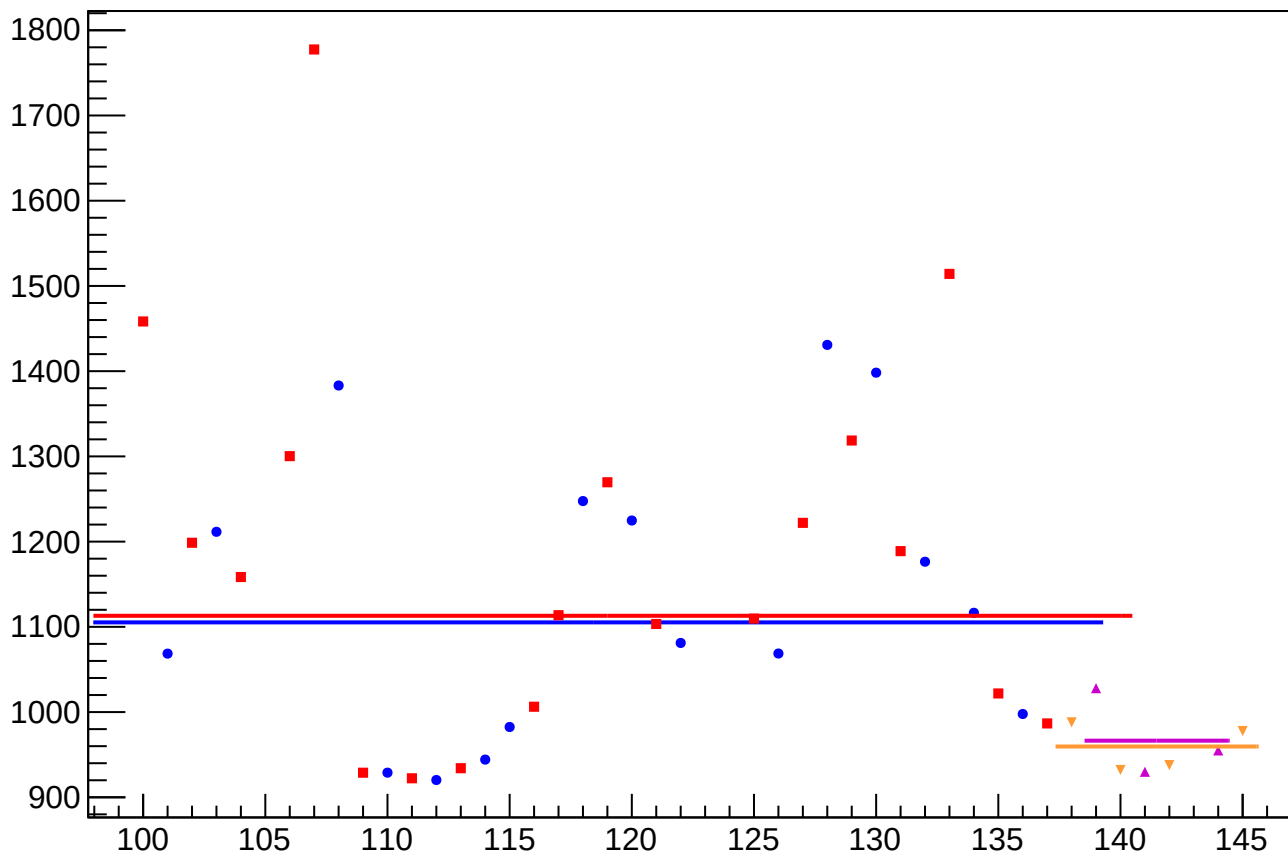
Left In: -342.649+/-611.854 χ^2/NDF : 5.3/2

-74.357+/-346.393 χ^2/NDF : 17.2/19

-255.745+/-245.982 χ^2/NDF : 32.0/41

-440.261+/-349.369 χ^2/NDF : 14.2/21

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1105.236 $\pm$ 0.305 χ^2/NDF : 255366.2/15

Left Out: 959.616 $\pm$ 0.411 χ^2/NDF : 3596.2/3

Right Out: 1112.978 $\pm$ 0.301 χ^2/NDF : 362995.5/18

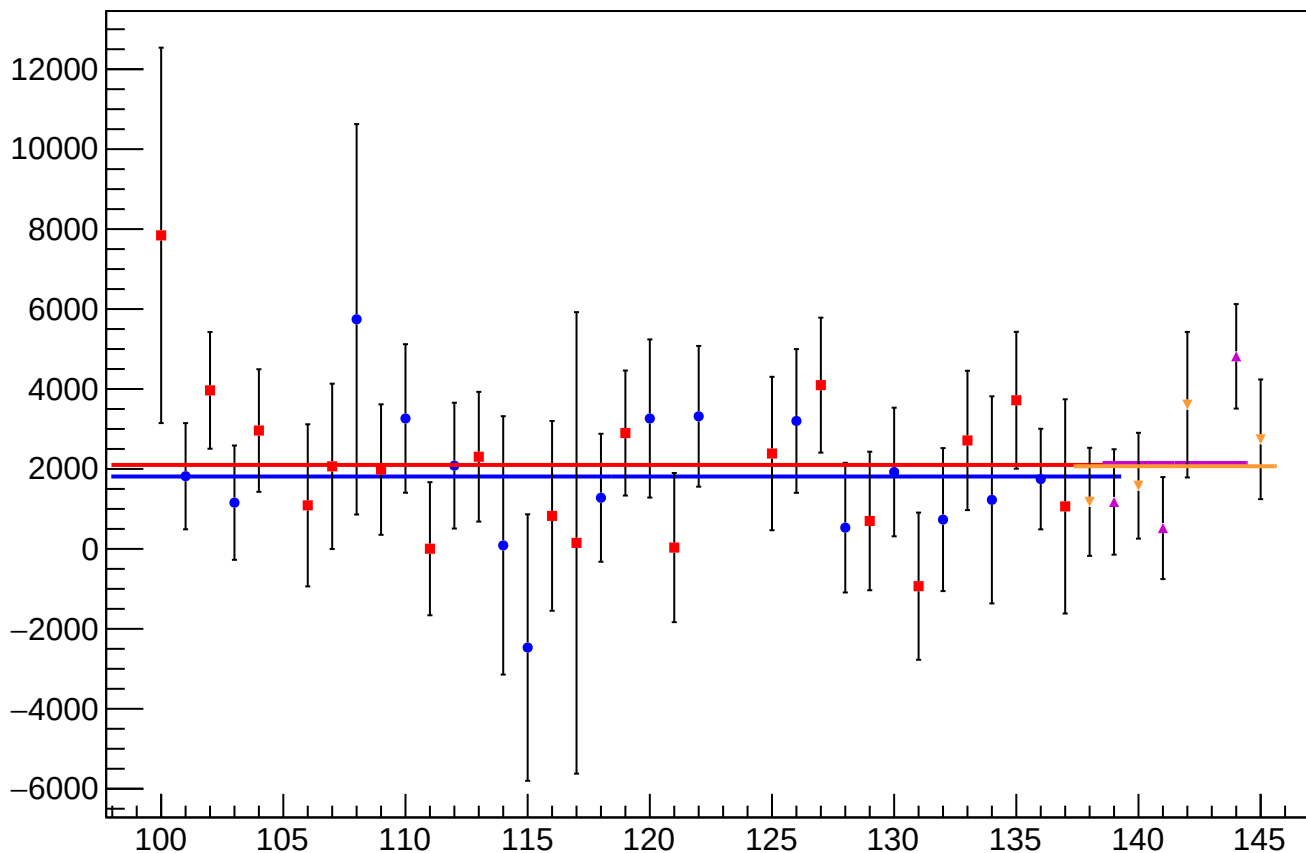
Left In: 966.451 $\pm$ 0.433 χ^2/NDF : 8565.5/2

1053.460 $\pm$ 0.245 χ^2/NDF : 339950.4/19

1059.282 $\pm$ 0.174 χ^2/NDF : 789956.1/41

1065.204 $\pm$ 0.247 χ^2/NDF : 448866.1/21

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1811.054 $\pm$ 442.142 χ^2 /NDF: 6.5/15

Left Out: 2067.688 $\pm$ 732.056 χ^2 /NDF:1.5/3

Right Out: 2100.301 $\pm$ 426.507 χ^2 /NDF: 13.1/18

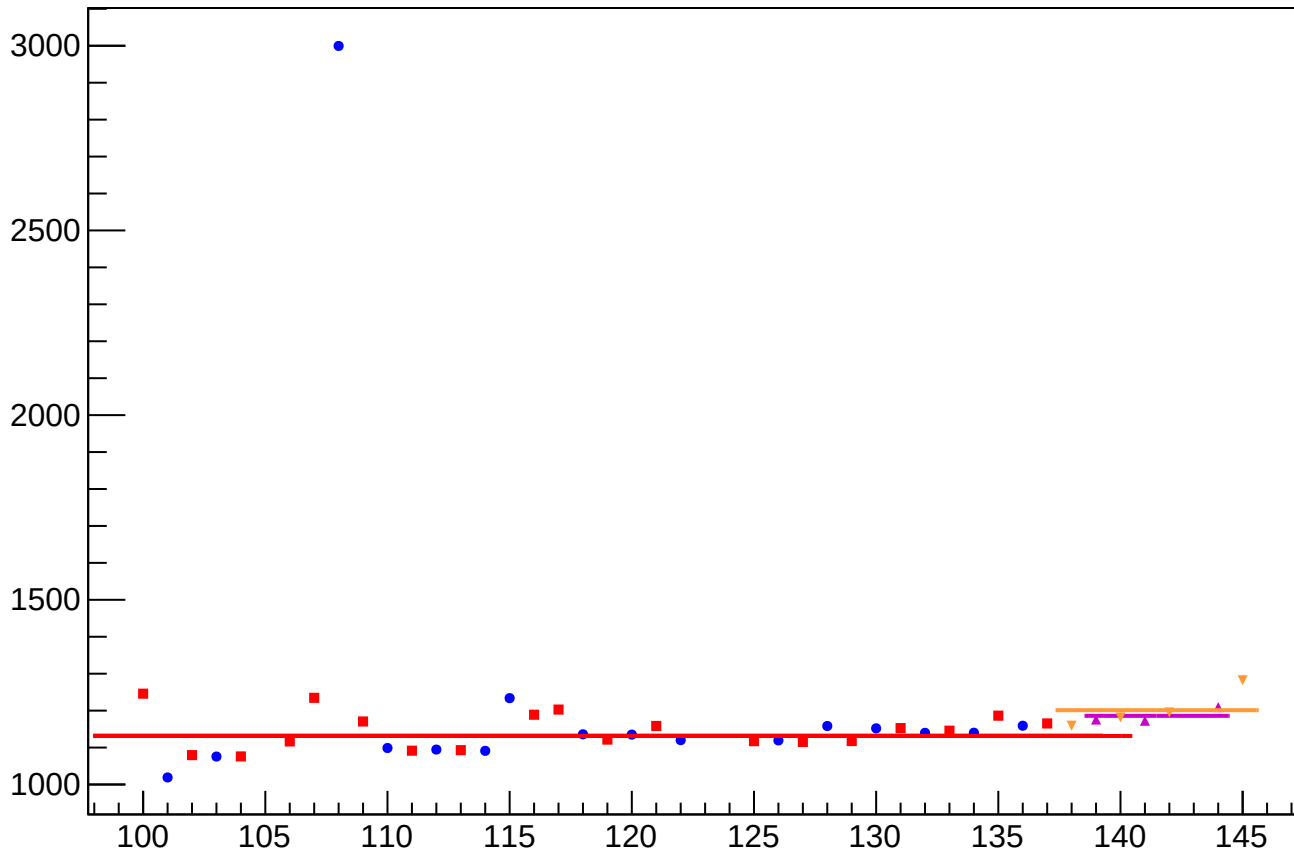
Left In: 2149.425 $\pm$ 750.635 χ^2 /NDF:6.3/2

1879.648 $\pm$ 378.468 χ^2 /NDF: 8.0/19

1998.341 $\pm$ 264.875 χ^2 /NDF: 27.7/41

2112.290 $\pm$ 370.828 χ^2 /NDF: 19.5/21

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1132.074 $\pm$ 0.313 χ^2 /NDF: 316026.3/15

Left Out: 1201.173 $\pm$ 0.518 χ^2 /NDF:8241.5/3

Right Out: 1131.409 $\pm$ 0.302 χ^2 /NDF: 20027.2/18

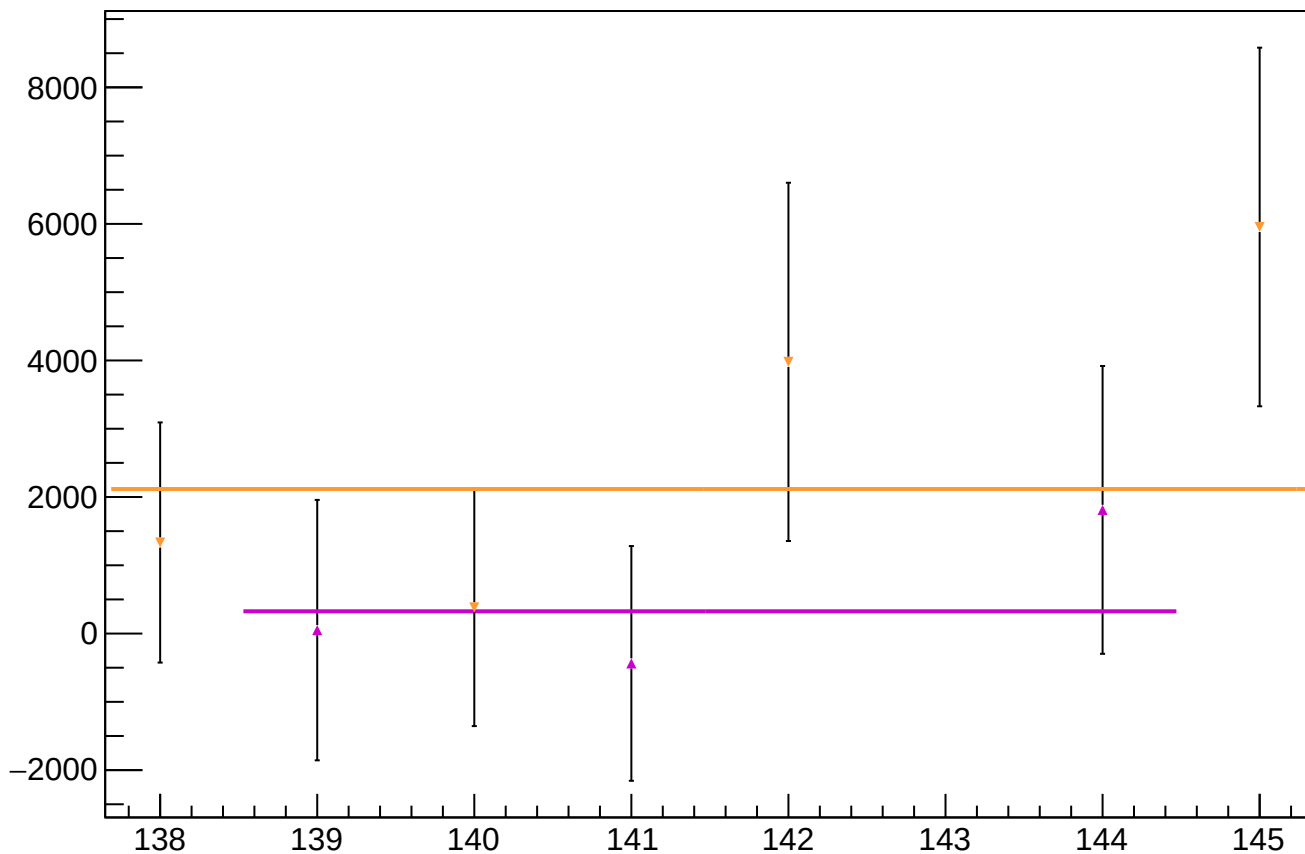
Left In: 1185.883 $\pm$ 0.531 χ^2 /NDF:988.7/2

1150.543 $\pm$ 0.268 χ^2 /NDF: 337324.0/19

1147.564 $\pm$ 0.187 χ^2 /NDF: 366545.4/41

1144.703 $\pm$ 0.262 χ^2 /NDF: 28978.5/21

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2117.080+/-1028.921 χ^2/NDF : 3.8/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

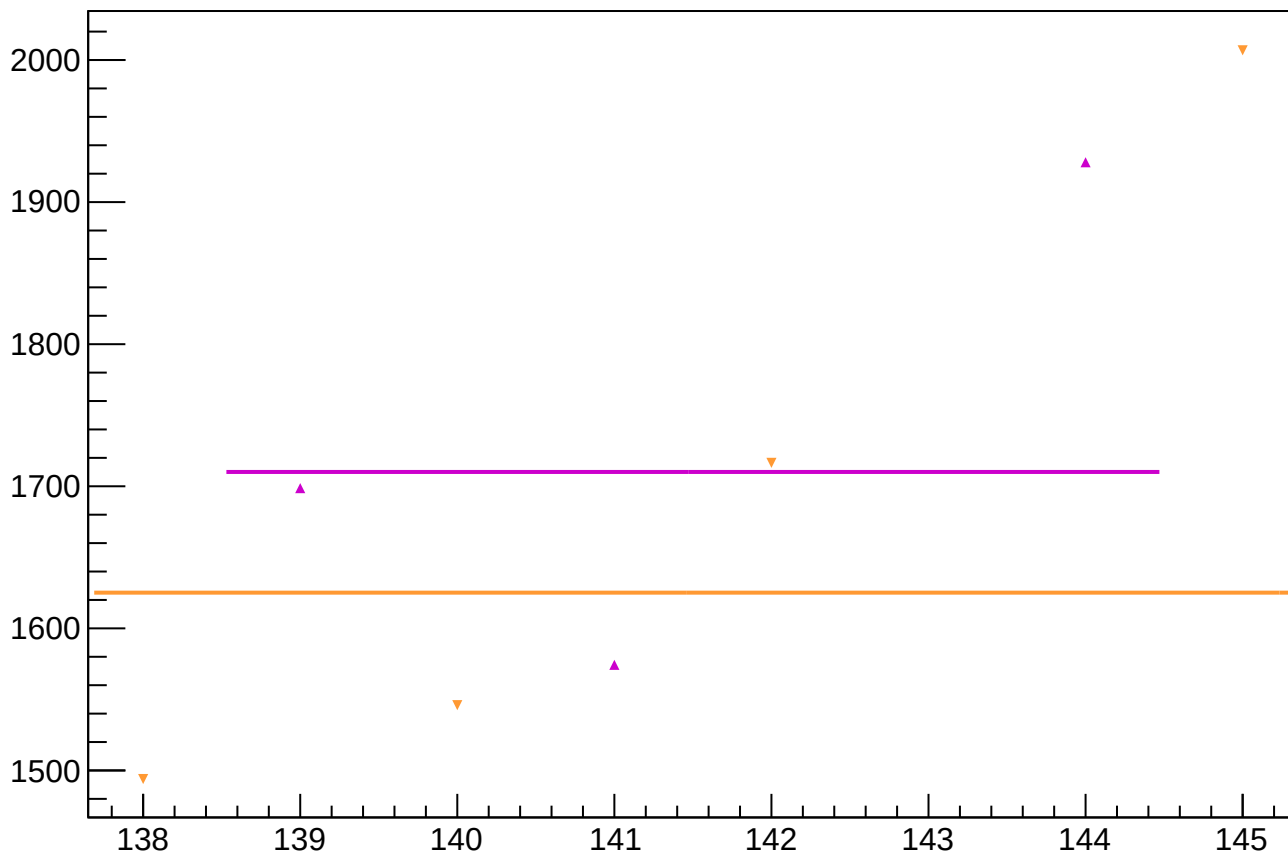
Left In: 326.373+/-1092.141 χ^2/NDF : 0.7/2

2117.080+/-1028.921 χ^2/NDF : 3.8/3

1275.052+/-748.910 χ^2/NDF : 6.0/6

326.373+/-1092.141 χ^2/NDF : 0.7/2

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1625.139+/-0.728 χ^2/NDF : 59954.9/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

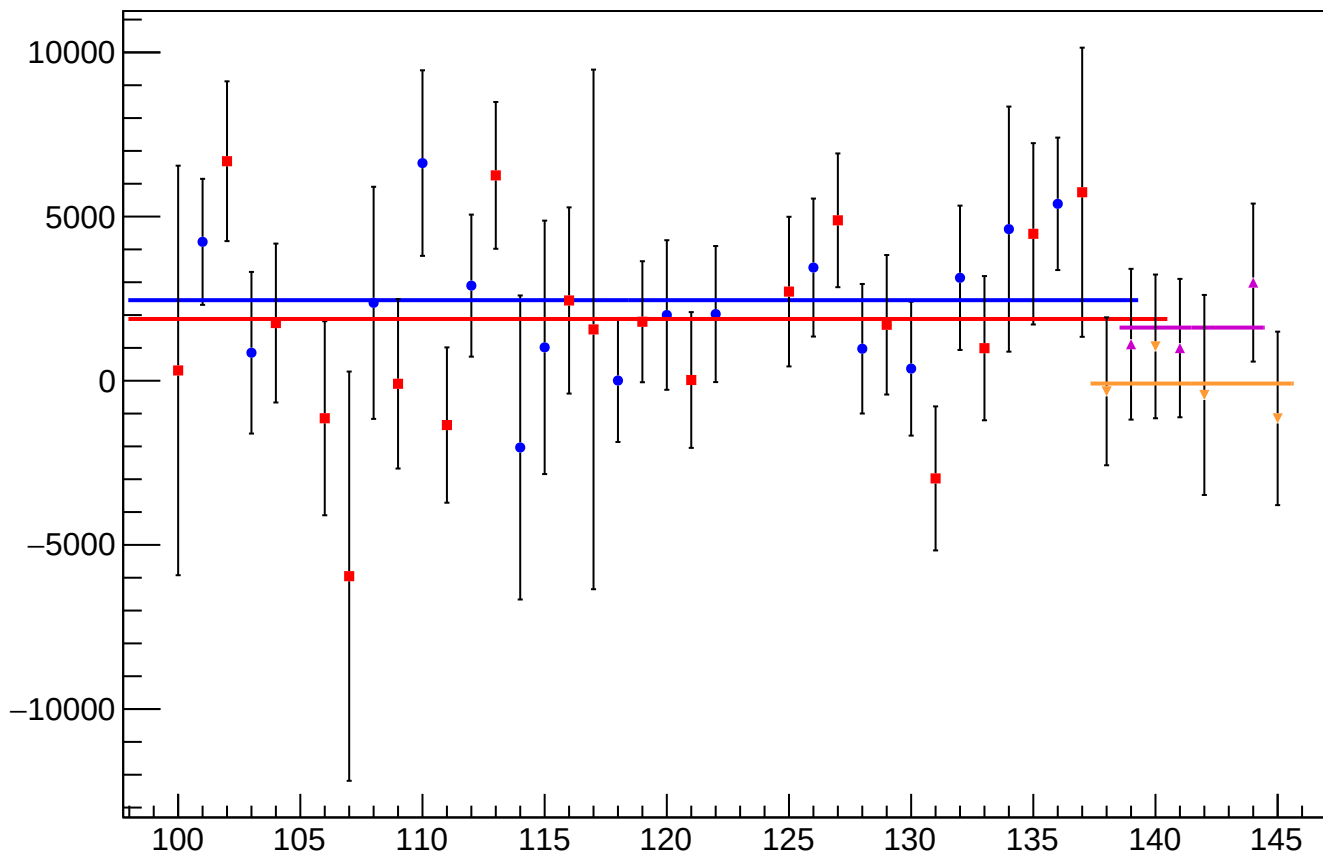
Left In: 1710.081+/-0.772 χ^2/NDF : 33926.4/2

1625.139+/-0.728 χ^2/NDF : 59954.9/3

1665.080+/-0.530 χ^2/NDF : 100290.5/6

1710.081+/-0.772 χ^2/NDF : 33926.4/2

asym_usl_mean vs Slug, Sign Corrected



Right In: 2453.670 $\pm$ 584.307 χ^2 /NDF: 10.8/15

Left Out: -85.580 $\pm$ 1233.835 χ^2 /NDF: 0.5/3

Right Out: 1881.026 $\pm$ 581.611 χ^2 /NDF: 22.8/18

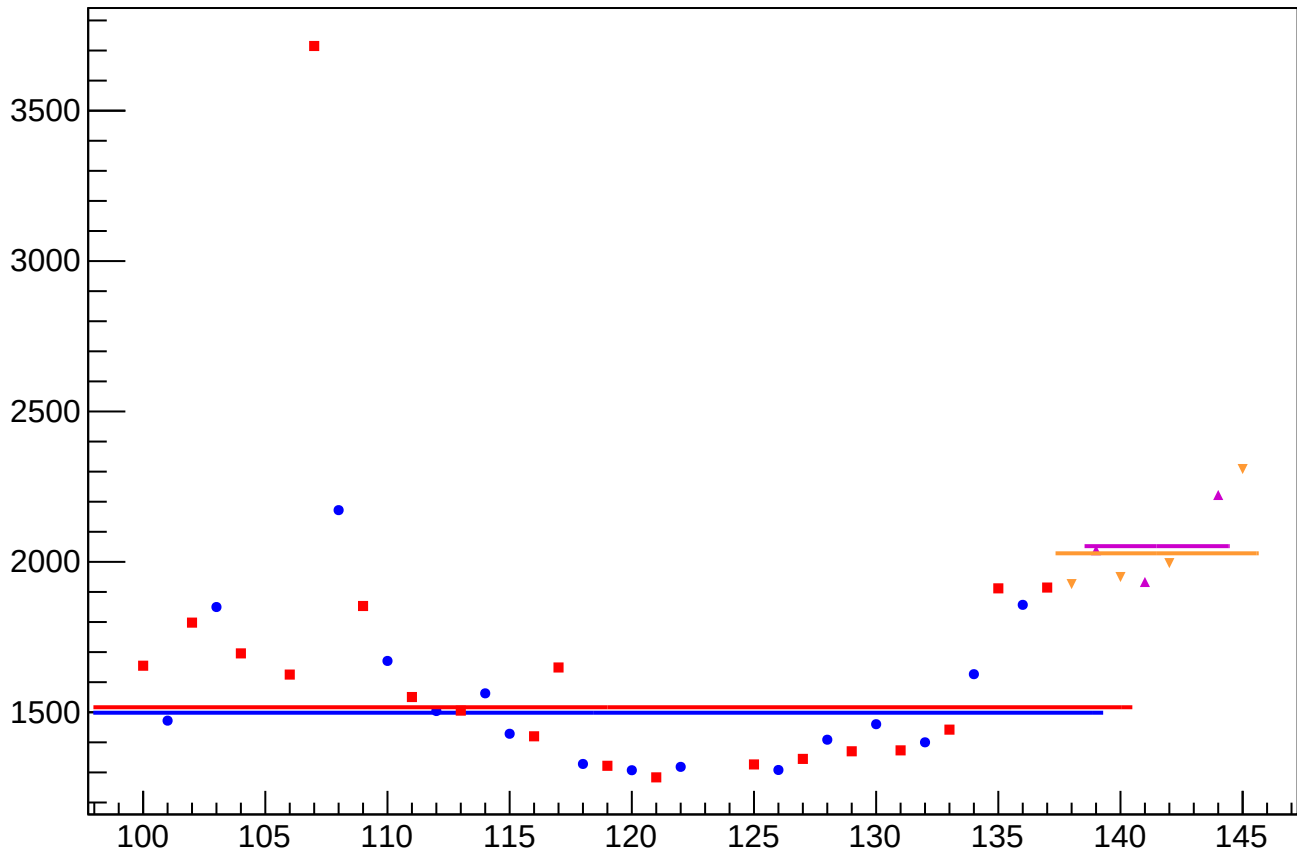
Left In: 1618.551 $\pm$ 1304.667 χ^2 /NDF: 0.5/2

1988.517 $\pm$ 528.083 χ^2 /NDF: 14.7/19

1913.461 $\pm$ 374.514 χ^2 /NDF: 38.0/41

1837.512 $\pm$ 531.216 χ^2 /NDF: 23.2/21

asym_usl_rms vs Slug, Sign Corrected



Right In: 1498.485 $\pm$ 0.413 χ^2/NDF : 258807.5/15

Left Out: 2028.432 $\pm$ 0.872 χ^2/NDF : 29447.2/3

Right Out: 1516.667 $\pm$ 0.411 χ^2/NDF : 481102.8/18

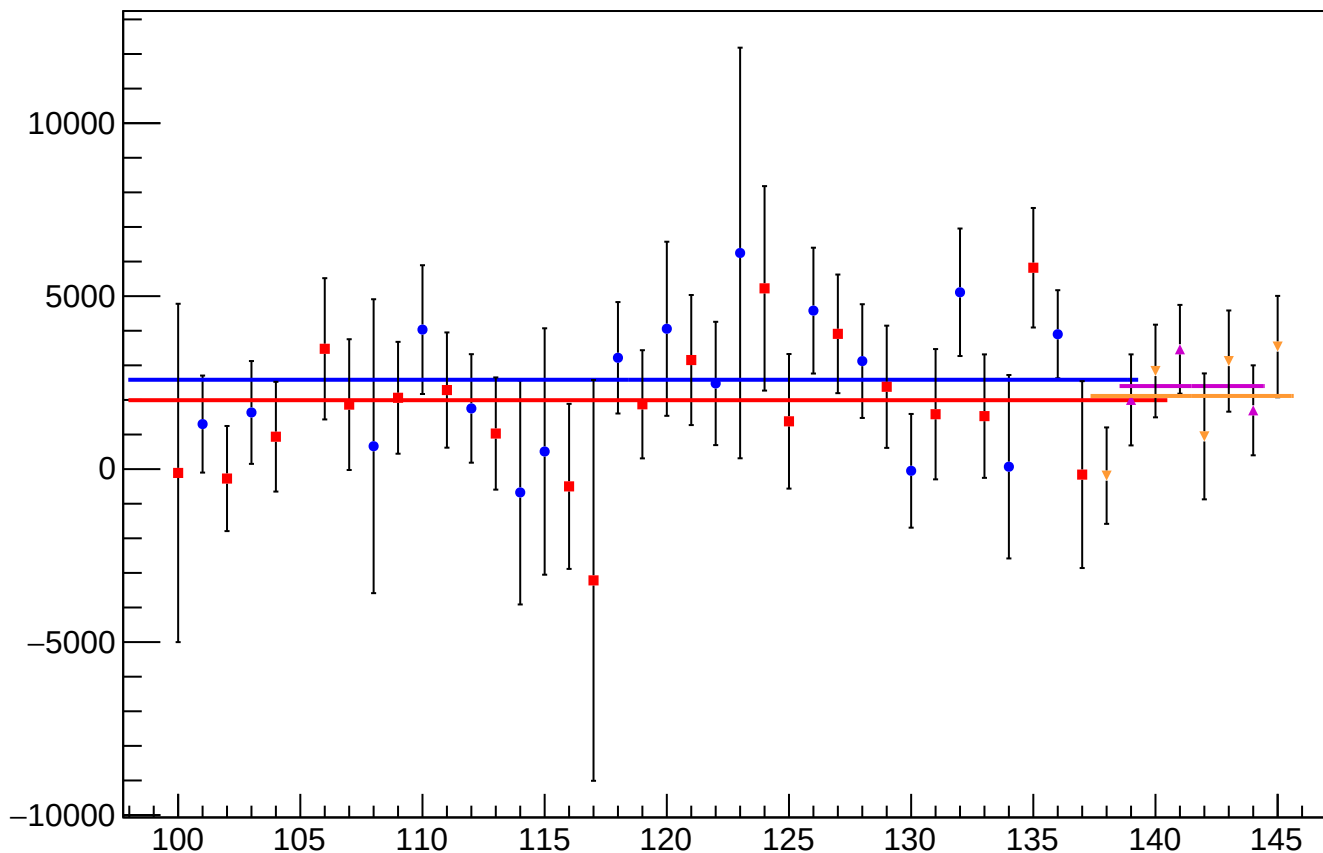
Left In: 2052.242 $\pm$ 0.923 χ^2/NDF : 16456.1/2

1595.563 $\pm$ 0.373 χ^2/NDF : 589627.6/19

1600.481 $\pm$ 0.265 χ^2/NDF : 1368693.2/41

1605.457 $\pm$ 0.376 χ^2/NDF : 778716.6/21

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2582.988 $\pm$ 453.193 χ^2 /NDF: 12.3/16

Left Out: 2115.025 $\pm$ 658.341 χ^2 /NDF: 4.9/4

Right Out: 1992.471 $\pm$ 425.603 χ^2 /NDF: 14.3/19

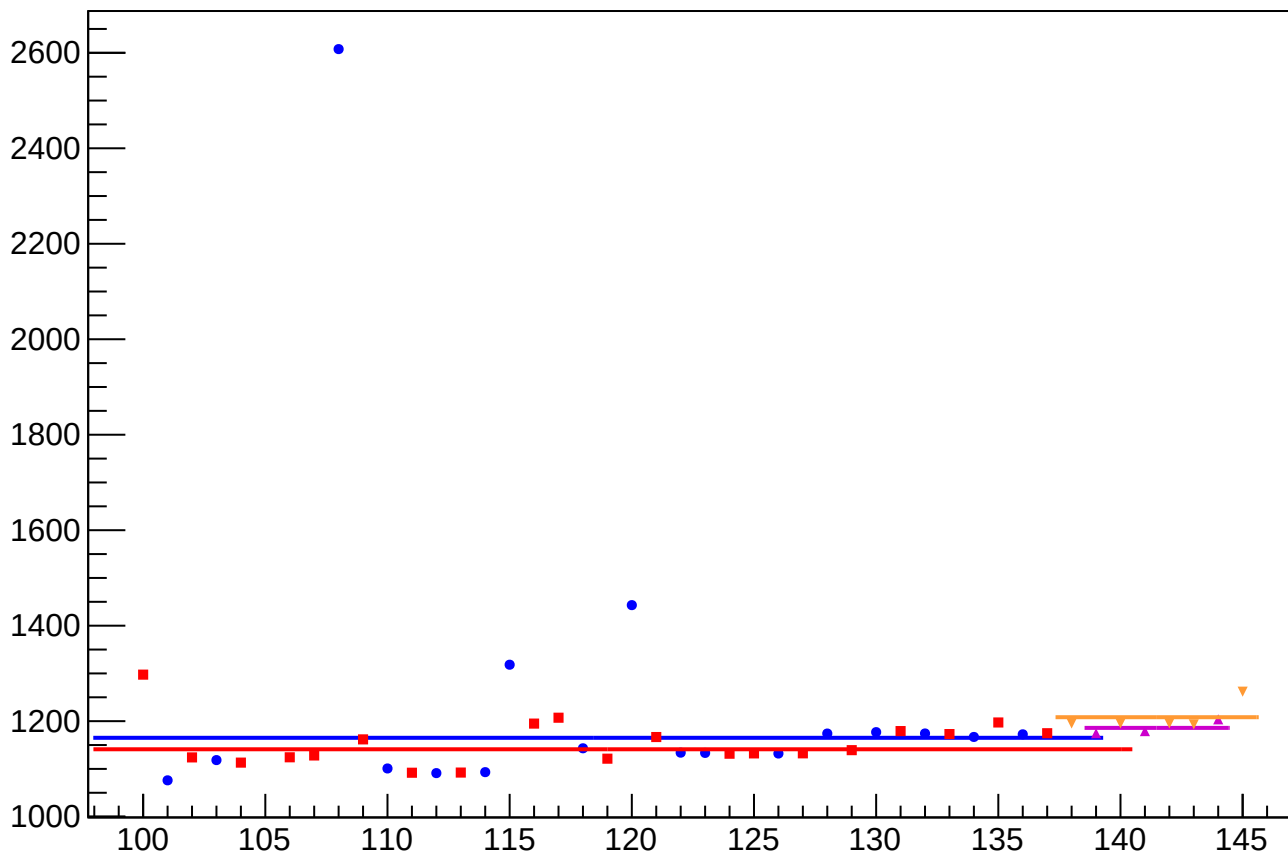
Left In: 2401.092 $\pm$ 750.307 χ^2 /NDF: 1.1/2

2432.530 $\pm$ 373.296 χ^2 /NDF: 17.5/21

2260.815 $\pm$ 262.856 χ^2 /NDF: 33.5/44

2091.942 $\pm$ 370.193 χ^2 /NDF: 15.6/22

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1165.146 $\pm$ 0.320 χ^2/NDF : 278570.1/16

Left Out: 1208.270 $\pm$ 0.466 χ^2/NDF : 3341.0/4

Right Out: 1141.111 $\pm$ 0.301 χ^2/NDF : 12979.5/19

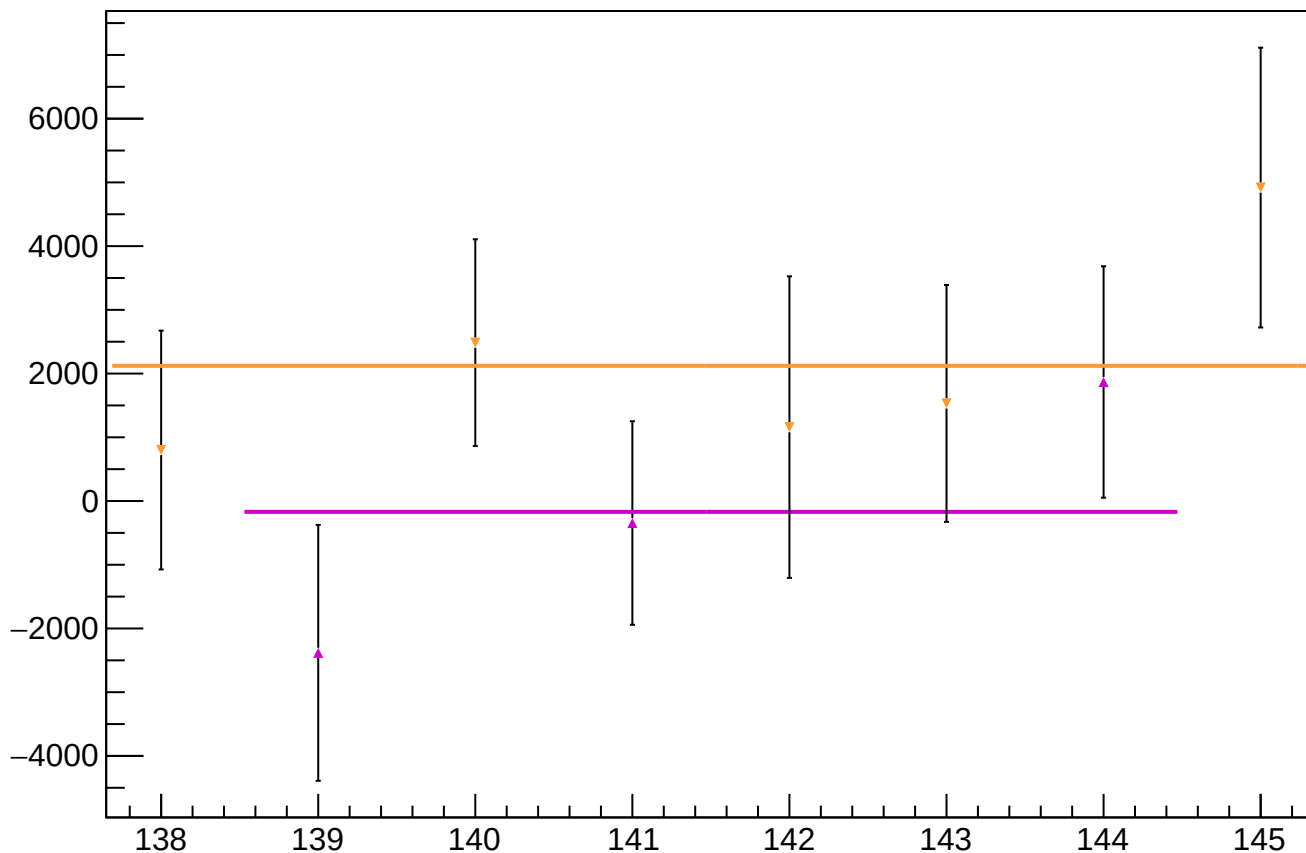
Left In: 1185.917 $\pm$ 0.531 χ^2/NDF : 580.1/2

1179.011 $\pm$ 0.264 χ^2/NDF : 287733.4/21

1165.402 $\pm$ 0.186 χ^2/NDF : 311961.5/44

1152.018 $\pm$ 0.262 χ^2/NDF : 18955.6/22

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2121.250+/-863.799 χ^2/NDF : 2.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

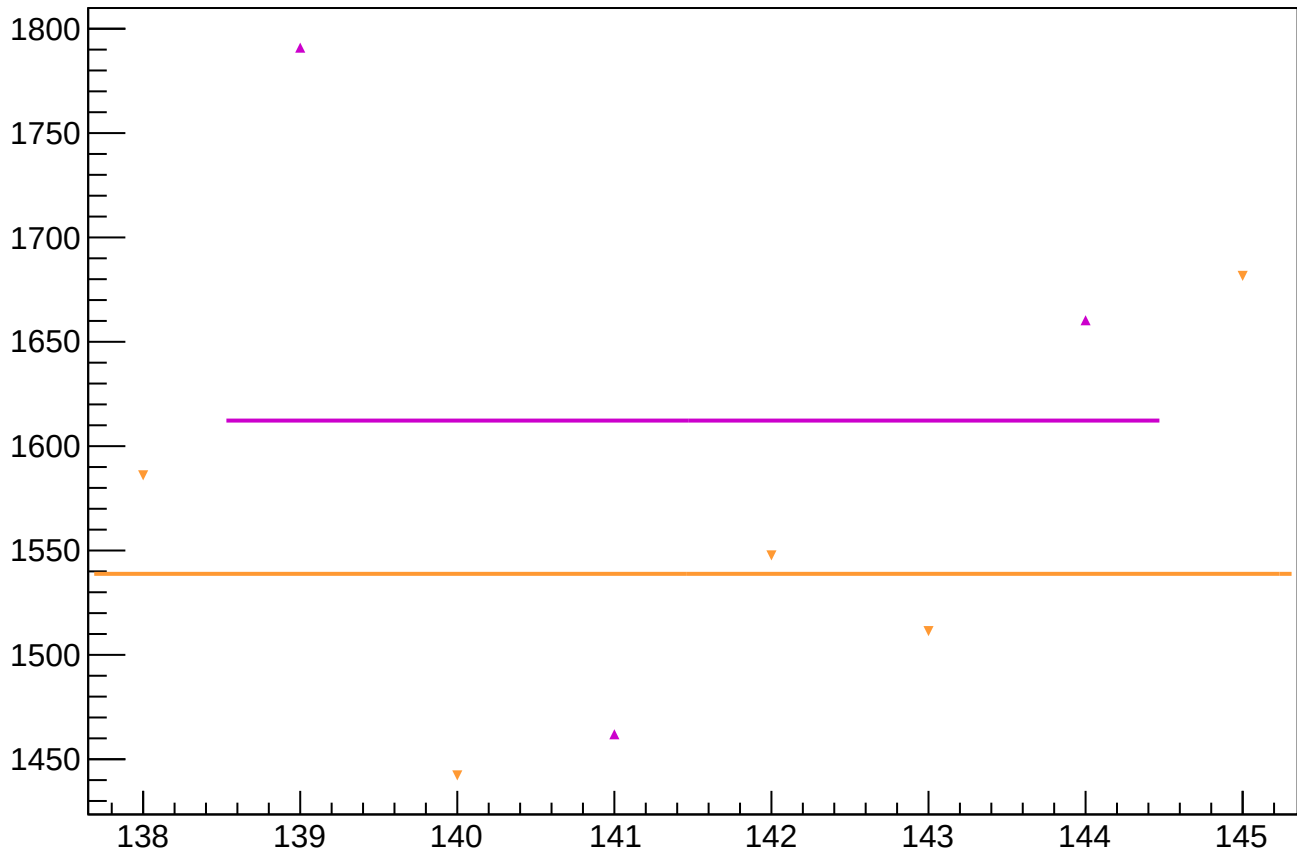
Left In: -169.821+/-1029.692 χ^2/NDF : 2.5/2

2121.250+/-863.799 χ^2/NDF : 2.4/4

1174.912+/-661.776 χ^2/NDF : 7.8/7

-169.821+/-1029.692 χ^2/NDF : 2.5/2

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1538.824+/-0.611 χ^2/NDF : 17276.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

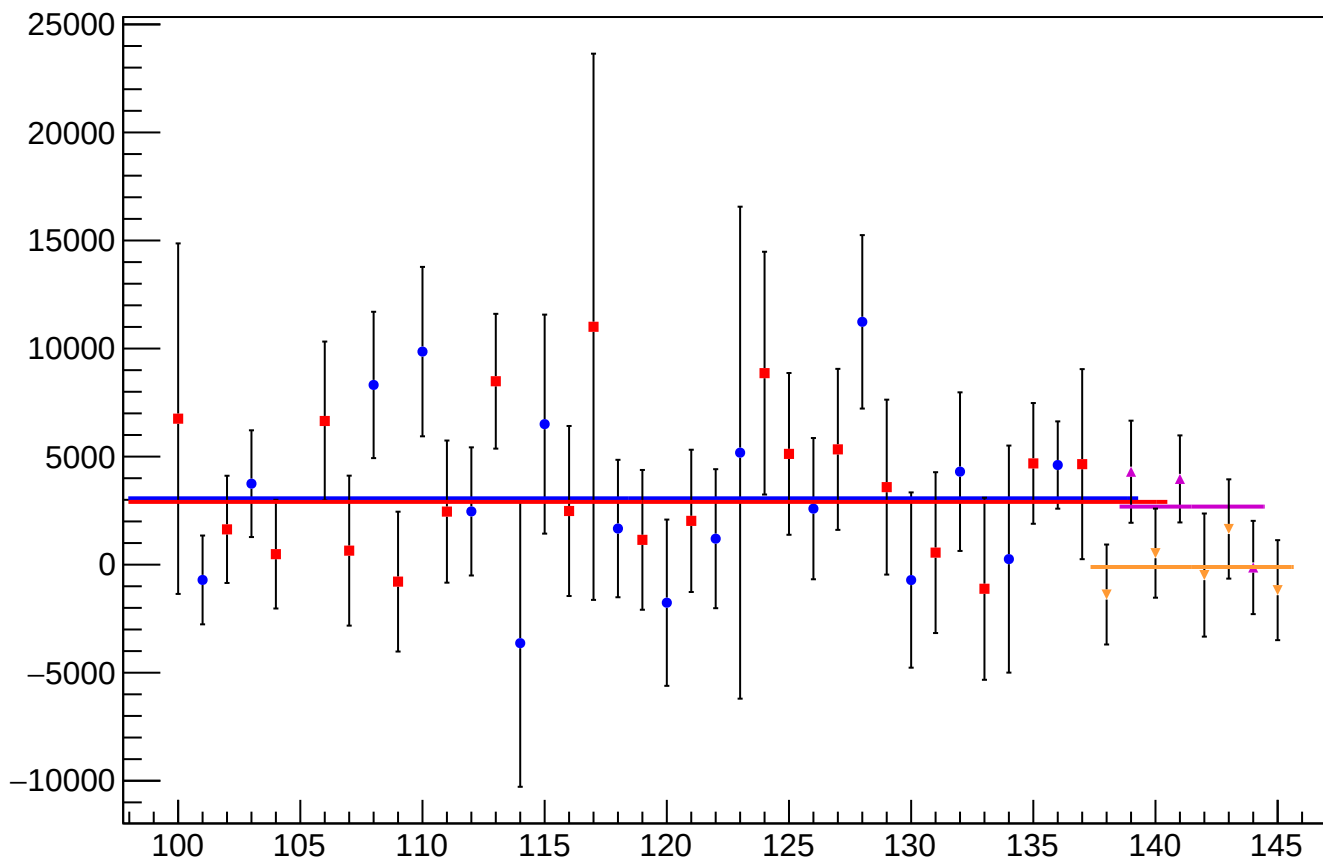
Left In: 1612.257+/-0.728 χ^2/NDF : 34950.2/2

1538.824+/-0.611 χ^2/NDF : 17276.8/4

1569.156+/-0.468 χ^2/NDF : 58197.2/7

1612.257+/-0.728 χ^2/NDF : 34950.2/2

asym_usr_mean vs Slug, Sign Corrected



Right In: 3069.484 $\pm$ 797.741 χ^2/NDF : 18.5/16

Left Out: -108.382 $\pm$ 1041.502 χ^2/NDF : 1.2/4

Right Out: 2904.708 $\pm$ 793.782 χ^2/NDF : 12.0/19

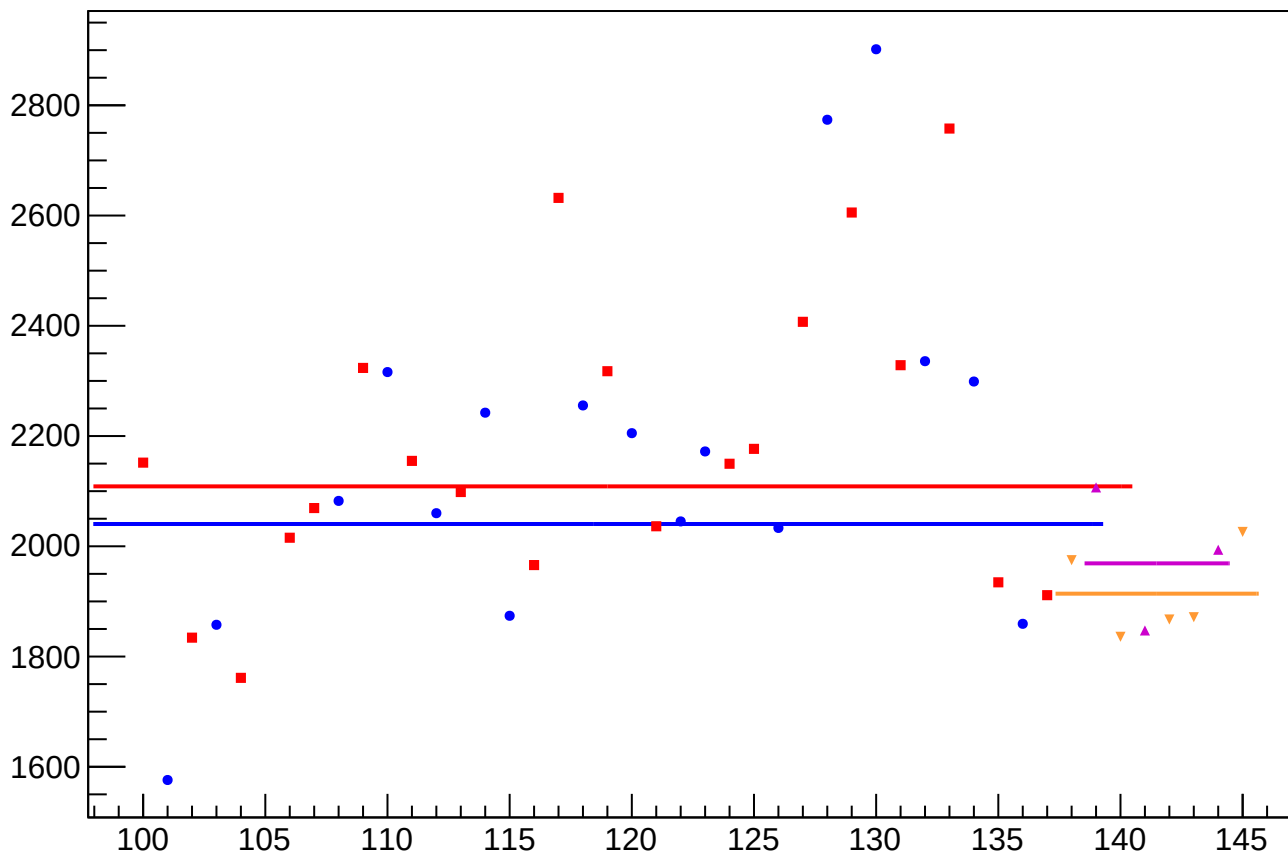
Left In: 2686.370 $\pm$ 1249.479 χ^2/NDF : 2.6/2

1894.455 $\pm$ 633.311 χ^2/NDF : 25.6/21

2341.533 $\pm$ 460.245 χ^2/NDF : 41.3/44

2841.926 $\pm$ 670.009 χ^2/NDF : 14.6/22

asym_usr_rms vs Slug, Sign Corrected



Right In: 2040.433 +/- 0.564 χ^2/NDF : 331339.9/16

Left Out: 1914.059 +/- 0.736 χ^2/NDF : 10181.3/4

Right Out: 2108.696 +/- 0.561 χ^2/NDF : 198858.0/19

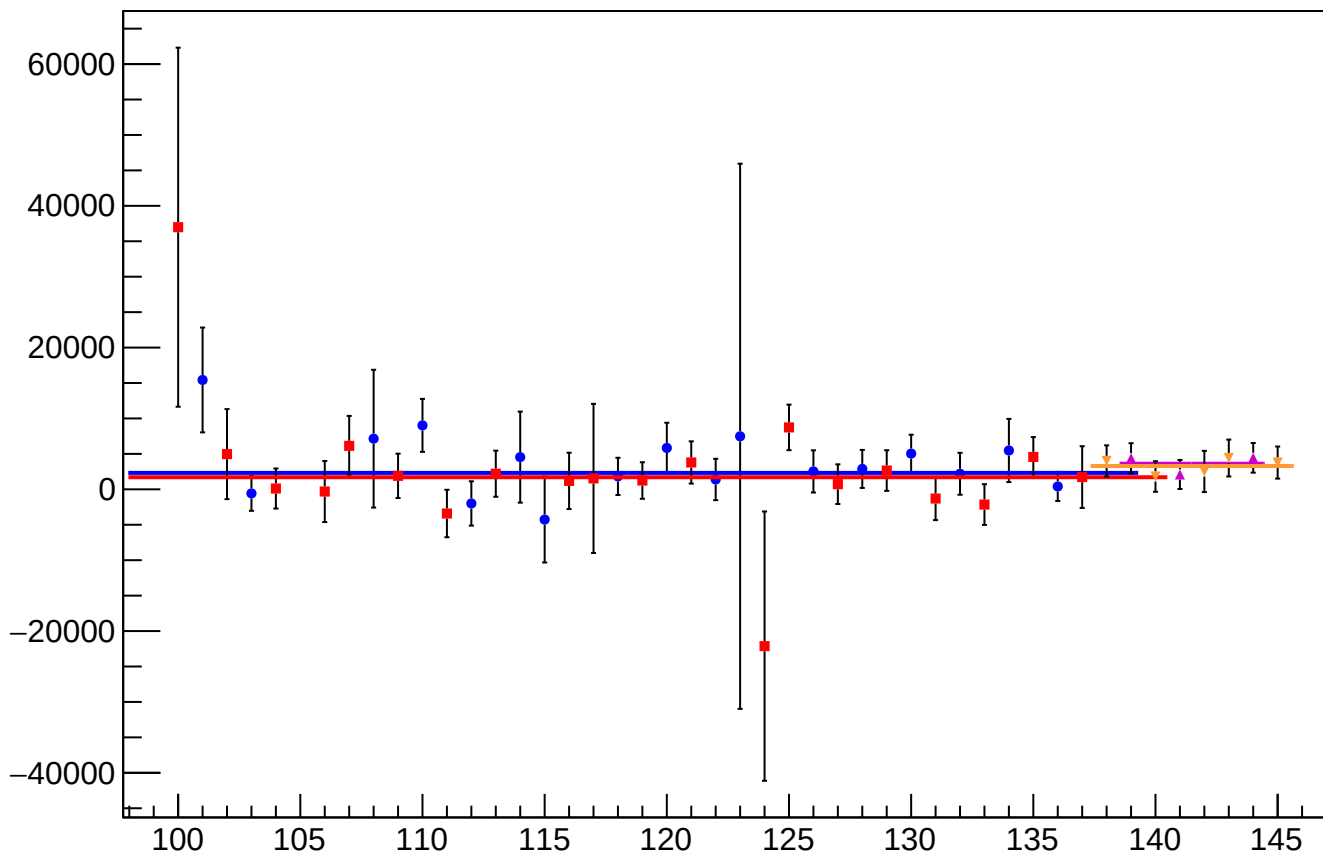
Left In: 1969.029 +/- 0.884 χ^2/NDF : 14372.8/2

1993.706 +/- 0.448 χ^2/NDF : 360079.4/21

2029.016 +/- 0.325 χ^2/NDF : 604289.9/44

2068.536 +/- 0.474 χ^2/NDF : 231035.1/22

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2319.038+/-801.440 χ^2/NDF : 14.8/16

Left Out: 3288.506+/-1064.326 χ^2/NDF : 0.9/4

Right Out: 1704.595+/-780.689 χ^2/NDF : 17.2/19

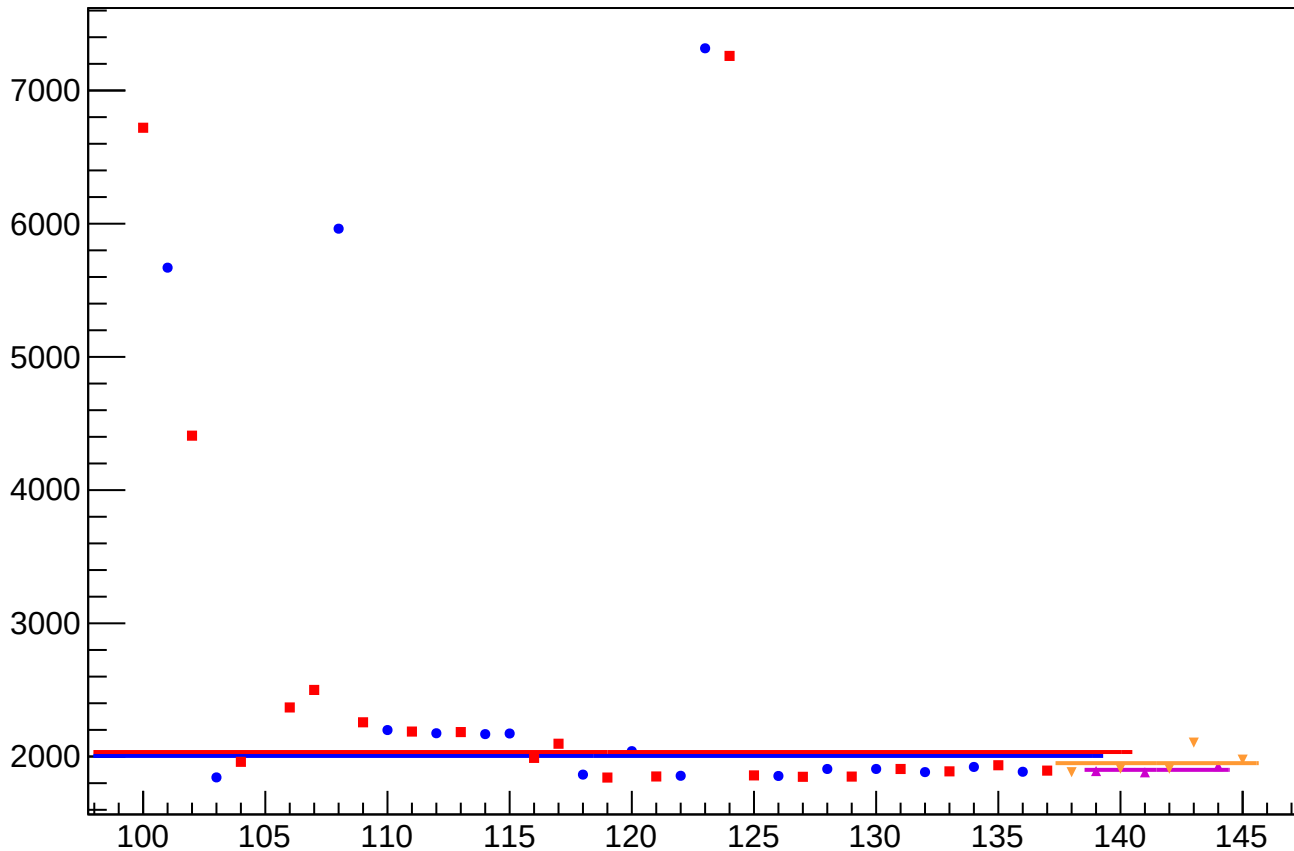
Left In: 3610.917+/-1204.962 χ^2/NDF : 0.8/2

2669.833+/-640.228 χ^2/NDF : 16.2/21

2473.664+/-457.909 χ^2/NDF : 36.2/44

2268.217+/-655.193 χ^2/NDF : 19.8/22

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2004.551+/-0.567 χ^2/NDF : 916013.4/16

Left Out: 1950.292+/-0.753 χ^2/NDF : 10357.8/4

Right Out: 2033.835+/-0.552 χ^2/NDF : 611080.3/19

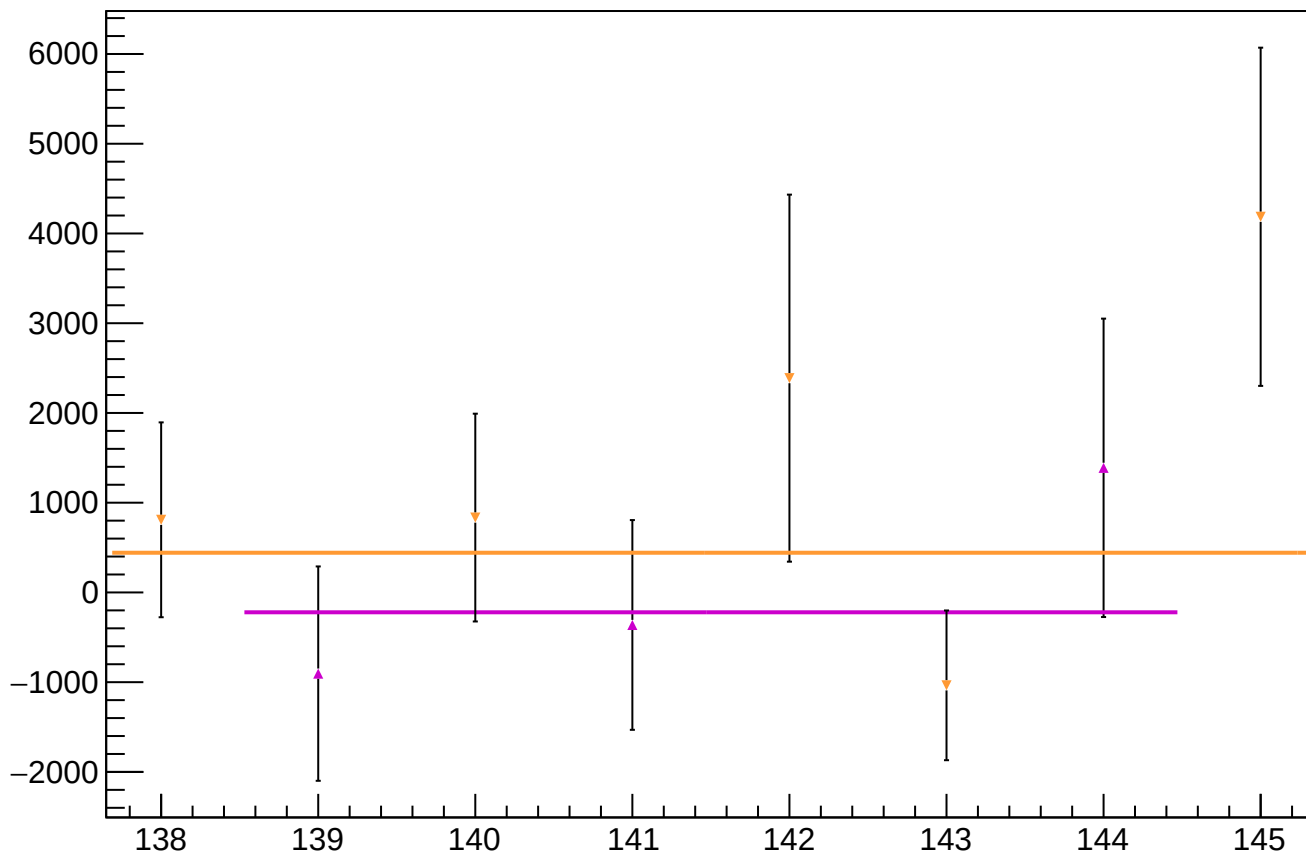
Left In: 1899.999+/-0.852 χ^2/NDF : 560.4/2

1984.918+/-0.453 χ^2/NDF : 929688.2/21

1989.483+/-0.324 χ^2/NDF : 1558915.7/44

1994.265+/-0.463 χ^2/NDF : 629019.3/22

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 442.377+/-530.583 χ^2/NDF : 8.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

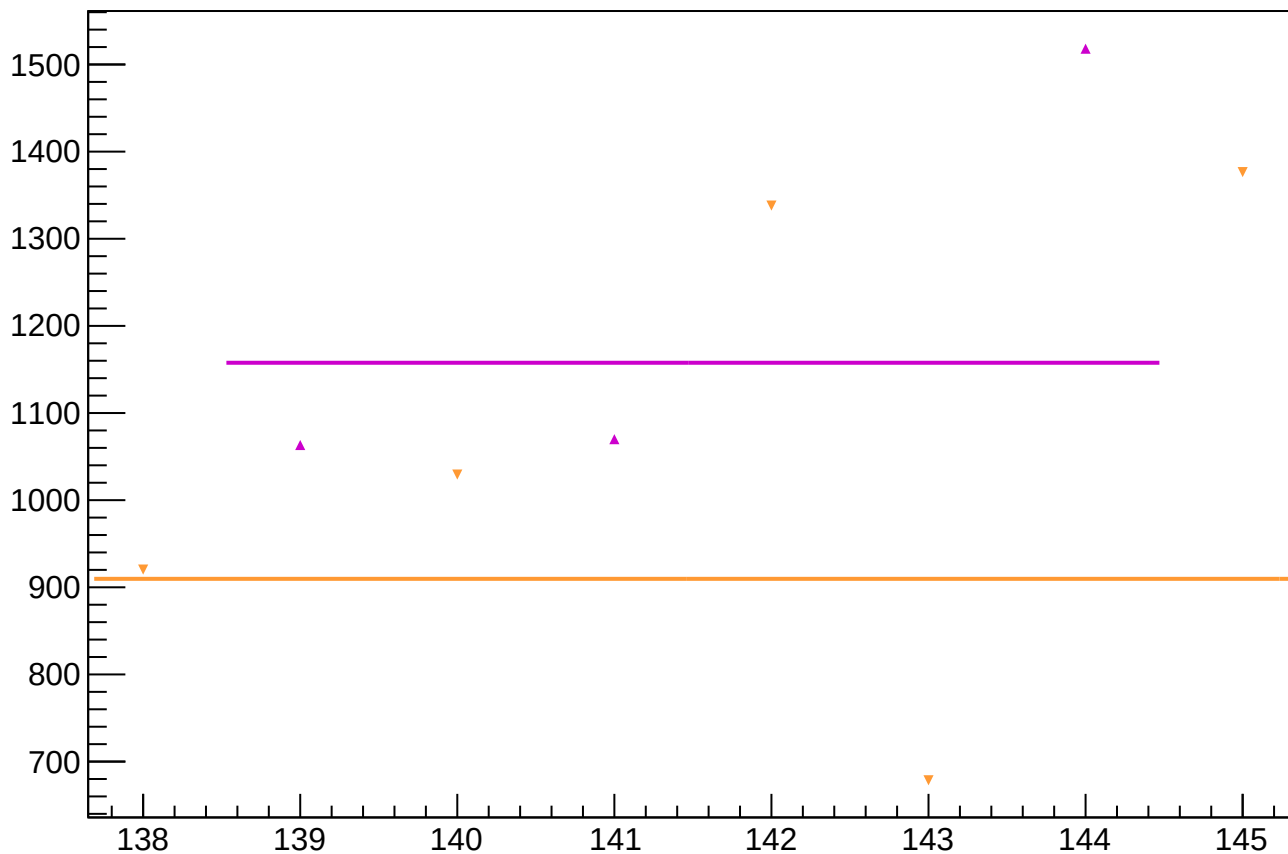
Left In: -221.250+/-746.380 χ^2/NDF : 1.3/2

442.377+/-530.583 χ^2/NDF : 8.2/4

219.597+/-432.450 χ^2/NDF : 10.0/7

-221.250+/-746.380 χ^2/NDF : 1.3/2

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 909.717+/-0.375 χ^2/NDF : 385618.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

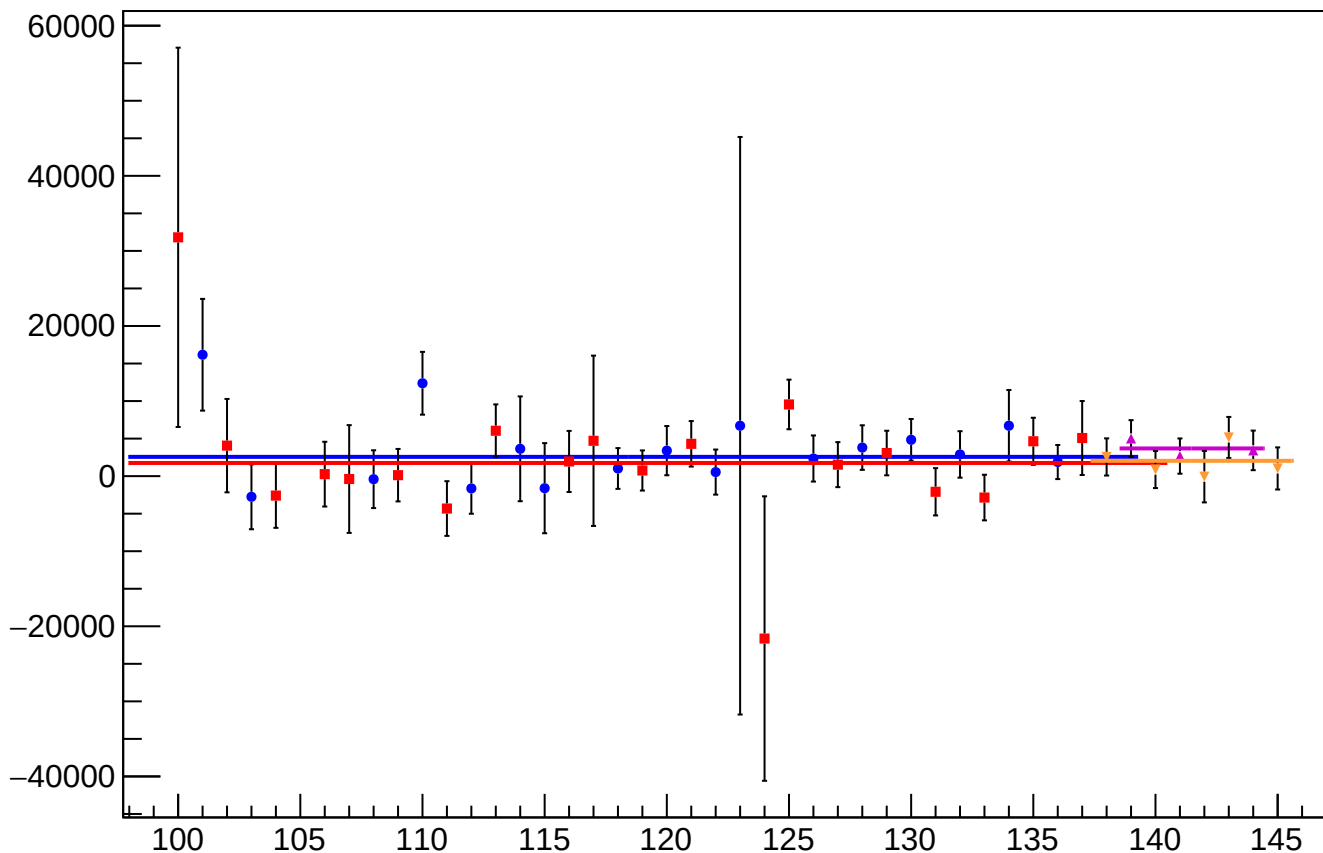
Left In: 1157.692+/-0.528 χ^2/NDF : 117748.6/2

909.717+/-0.375 χ^2/NDF : 385618.1/4

992.962+/-0.306 χ^2/NDF : 650019.1/7

1157.692+/-0.528 χ^2/NDF : 117748.6/2

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2566.797 $\pm$ 856.089 χ^2 /NDF: 15.6/16

Left Out: 2042.169 $\pm$ 1218.822 χ^2 /NDF: 2.1/4

Right Out: 1754.395 $\pm$ 850.779 χ^2 /NDF: 20.6/19

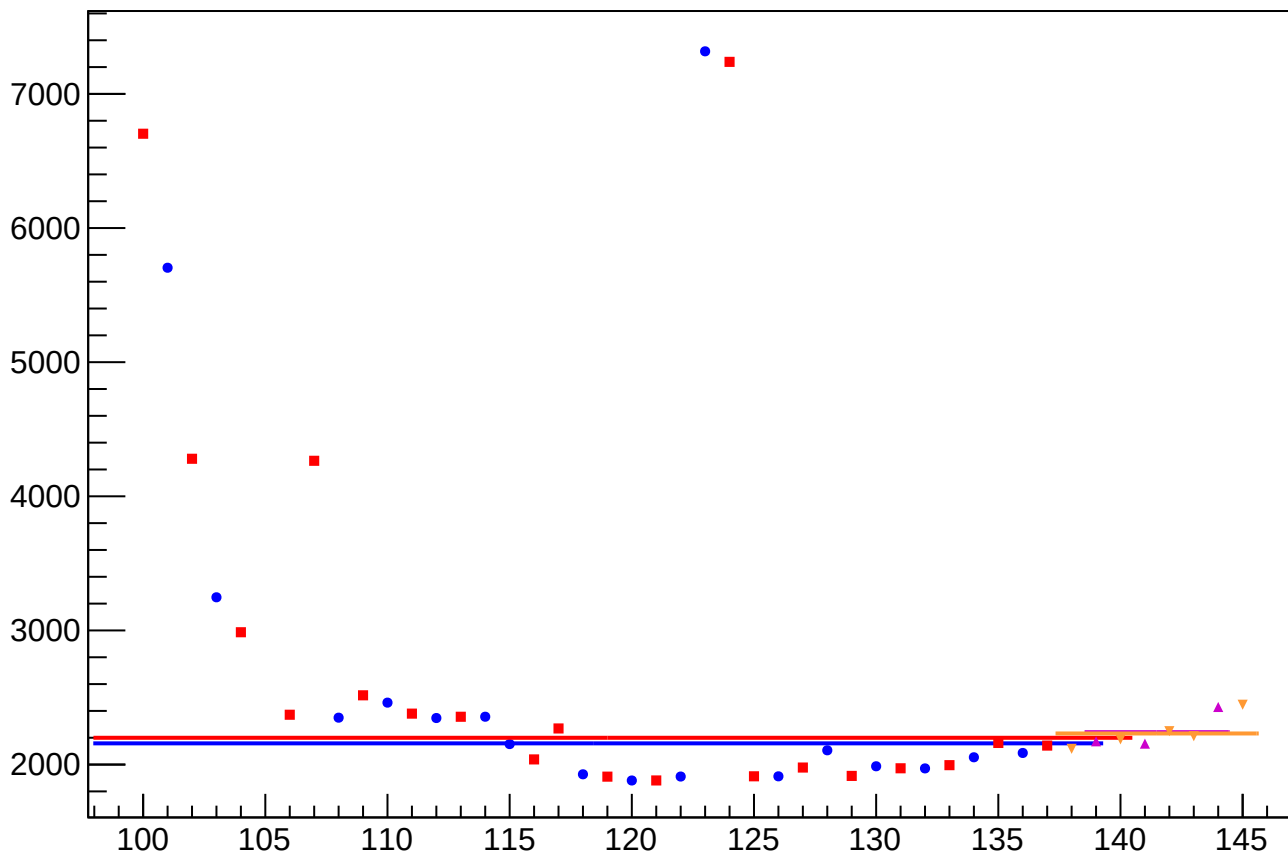
Left In: 3689.094 $\pm$ 1424.565 χ^2 /NDF: 0.5/2

2393.478 $\pm$ 700.548 χ^2 /NDF: 17.8/21

2330.978 $\pm$ 505.596 χ^2 /NDF: 40.2/44

2263.031 $\pm$ 730.431 χ^2 /NDF: 22.4/22

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2158.148+/-0.605 χ^2/NDF : 713862.1/16

Left Out: 2231.833+/-0.862 χ^2/NDF : 16744.4/4

Right Out: 2199.736+/-0.602 χ^2/NDF : 803097.4/19

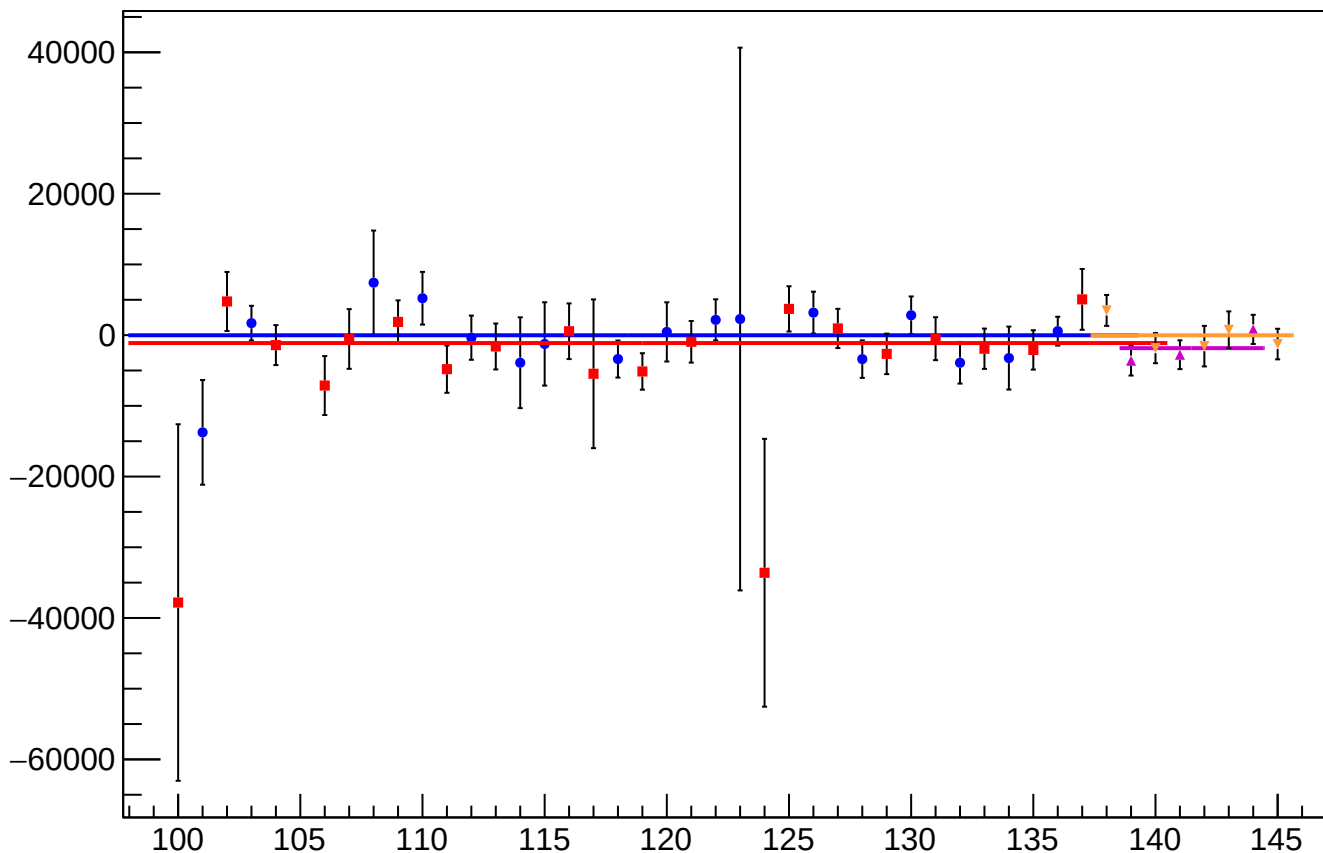
Left In: 2241.789+/-1.007 χ^2/NDF : 14358.2/2

2182.491+/-0.495 χ^2/NDF : 735501.4/21

2196.051+/-0.358 χ^2/NDF : 1555805.5/44

2210.792+/-0.516 χ^2/NDF : 818740.2/22

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -18.275 ± 801.405 χ^2/NDF : 15.8/16

Left Out: -22.112 ± 1047.469 χ^2/NDF : 4.0/4

Right Out: -1118.717 ± 767.670 χ^2/NDF : 19.6/19

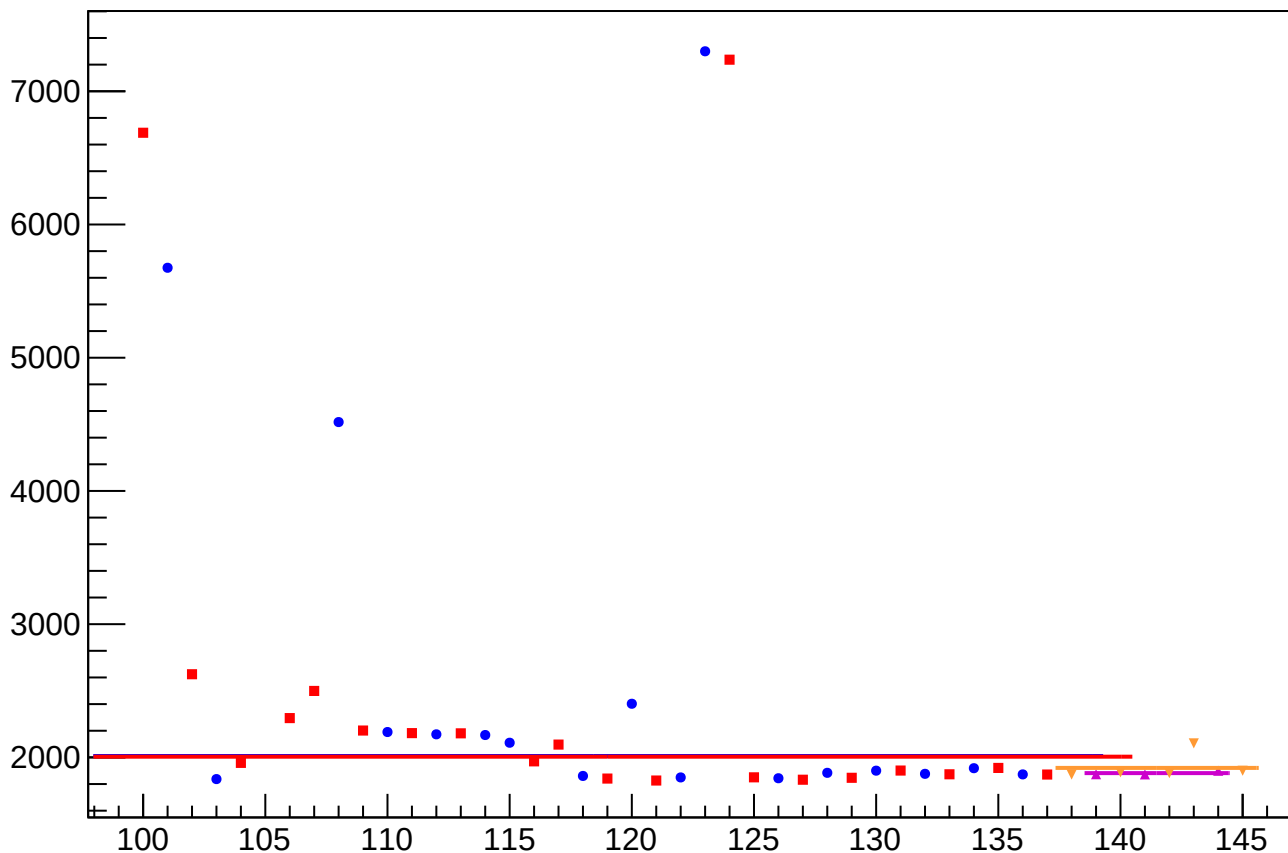
Left In: -1839.305 ± 1193.325 χ^2/NDF : 2.6/2

-19.692 ± 636.485 χ^2/NDF : 19.9/21

-665.336 ± 453.257 χ^2/NDF : 44.3/44

-1329.637 ± 645.616 χ^2/NDF : 22.4/22

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2010.272+/-0.567 χ^2/NDF : 839746.7/16

Left Out: 1921.130+/-0.741 χ^2/NDF : 12121.0/4

Right Out: 2005.369+/-0.543 χ^2/NDF : 367662.8/19

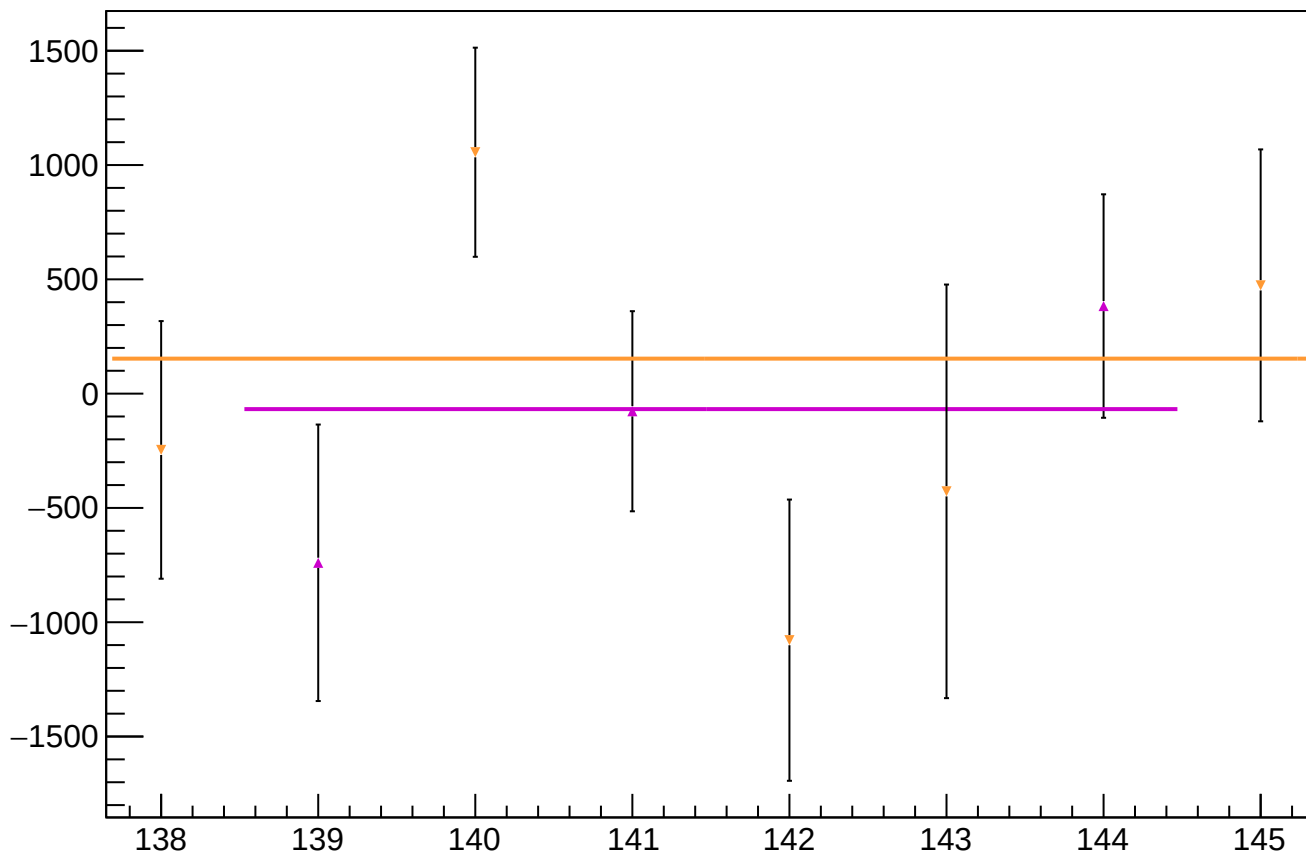
Left In: 1882.014+/-0.844 χ^2/NDF : 226.9/2

1977.358+/-0.450 χ^2/NDF : 861004.4/21

1973.368+/-0.321 χ^2/NDF : 1244169.1/44

1969.262+/-0.457 χ^2/NDF : 383005.2/22

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 153.108+/-261.541 χ^2/NDF : 9.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

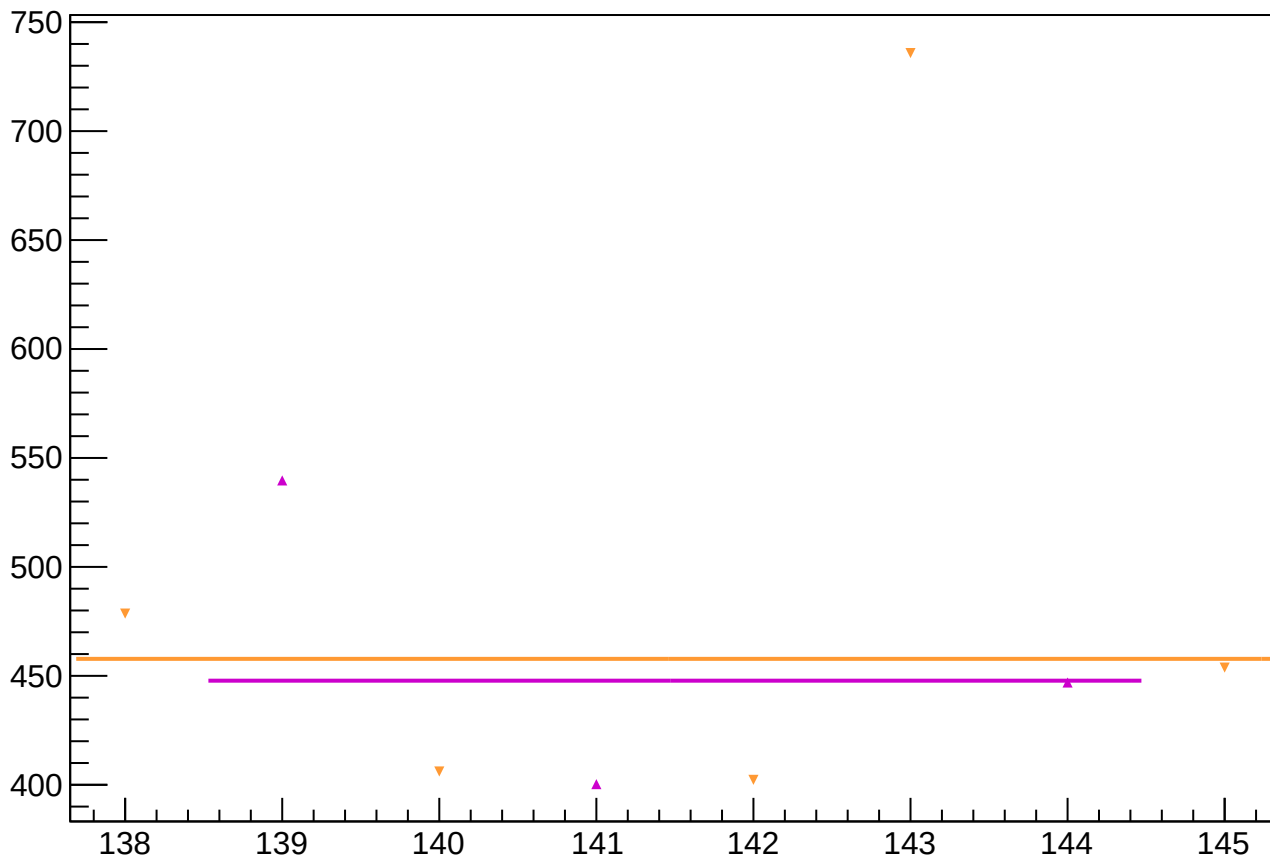
Left In: -67.703+/-287.026 χ^2/NDF : 2.1/2

153.108+/-261.541 χ^2/NDF : 9.1/4

52.938+/-193.321 χ^2/NDF : 11.5/7

-67.703+/-287.026 χ^2/NDF : 2.1/2

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 457.800+/-0.185 χ^2/NDF : 233533.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

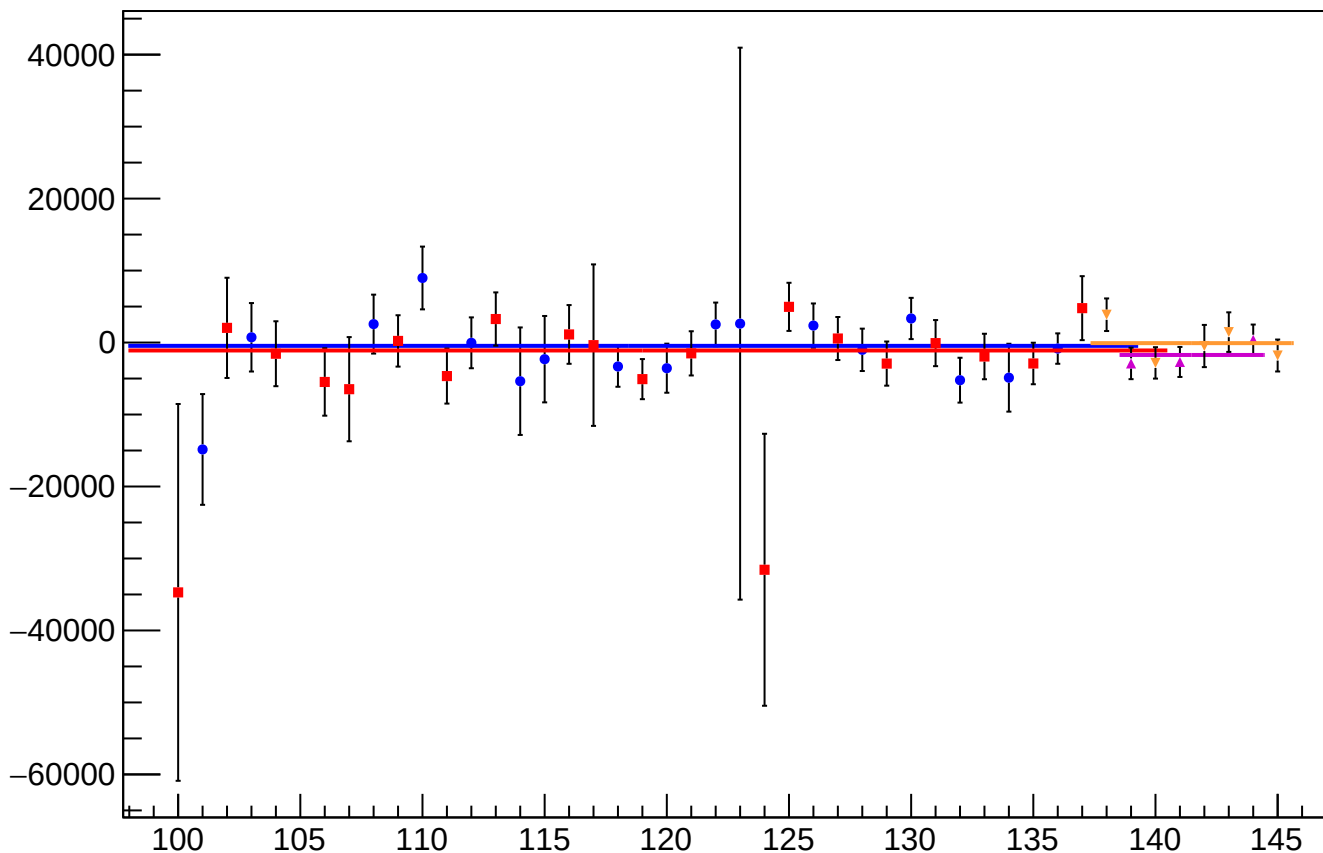
Left In: 447.785+/-0.203 χ^2/NDF : 69725.3/2

457.800+/-0.185 χ^2/NDF : 233533.4/4

453.257+/-0.137 χ^2/NDF : 304589.1/7

447.785+/-0.203 χ^2/NDF : 69725.3/2

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -458.311+/-865.151 χ^2/NDF : 18.1/16

Left Out: -80.946+/-1080.283 χ^2/NDF : 5.6/4

Right Out: -1099.895+/-864.581 χ^2/NDF : 16.9/19

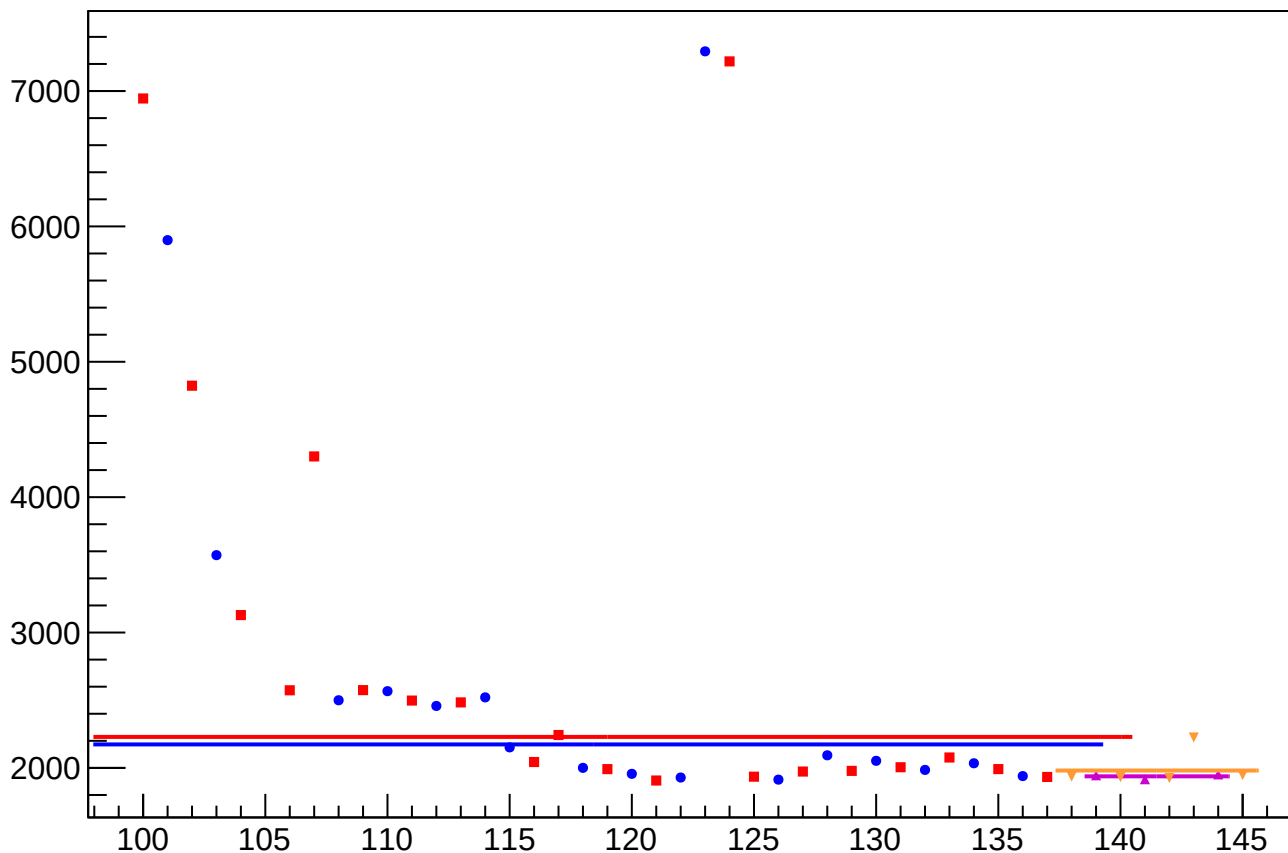
Left In: -1725.476+/-1228.578 χ^2/NDF : 1.5/2

-310.855+/-675.288 χ^2/NDF : 23.7/21

-786.092+/-488.344 χ^2/NDF : 43.3/44

-1307.091+/-707.053 χ^2/NDF : 18.6/22

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2173.529+/-0.612 χ^2/NDF : 805360.7/16

Left Out: 1980.727+/-0.764 χ^2/NDF :18701.7/4

Right Out: 2228.976+/-0.611 χ^2/NDF : 895866.5/19

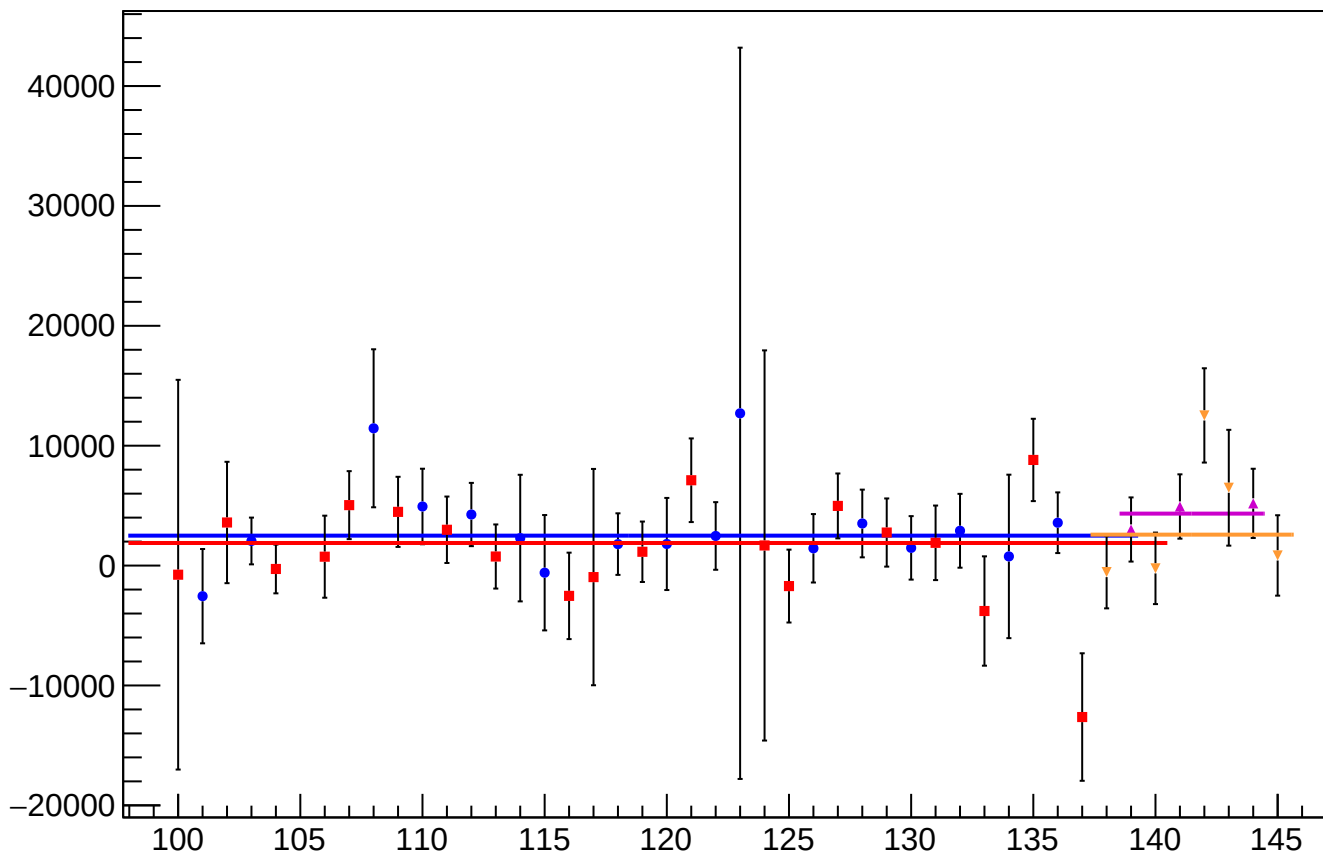
Left In: 1937.735+/-0.869 χ^2/NDF :328.8/2

2098.191+/-0.478 χ^2/NDF : 862874.5/21

2114.565 $\pm$ 0.345 χ^2 /NDF: 1836701.2/44

2132.516+/-0.500 χ^2/NDF : 971361.7/22

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2496.610 $\pm$ 768.295 χ^2 /NDF: 5.9/16

Left Out: 2580.075 $\pm$ 1546.929 χ^2 /NDF: 9.3/4

Right Out: 1883.997 $\pm$ 734.348 χ^2 /NDF: 23.6/19

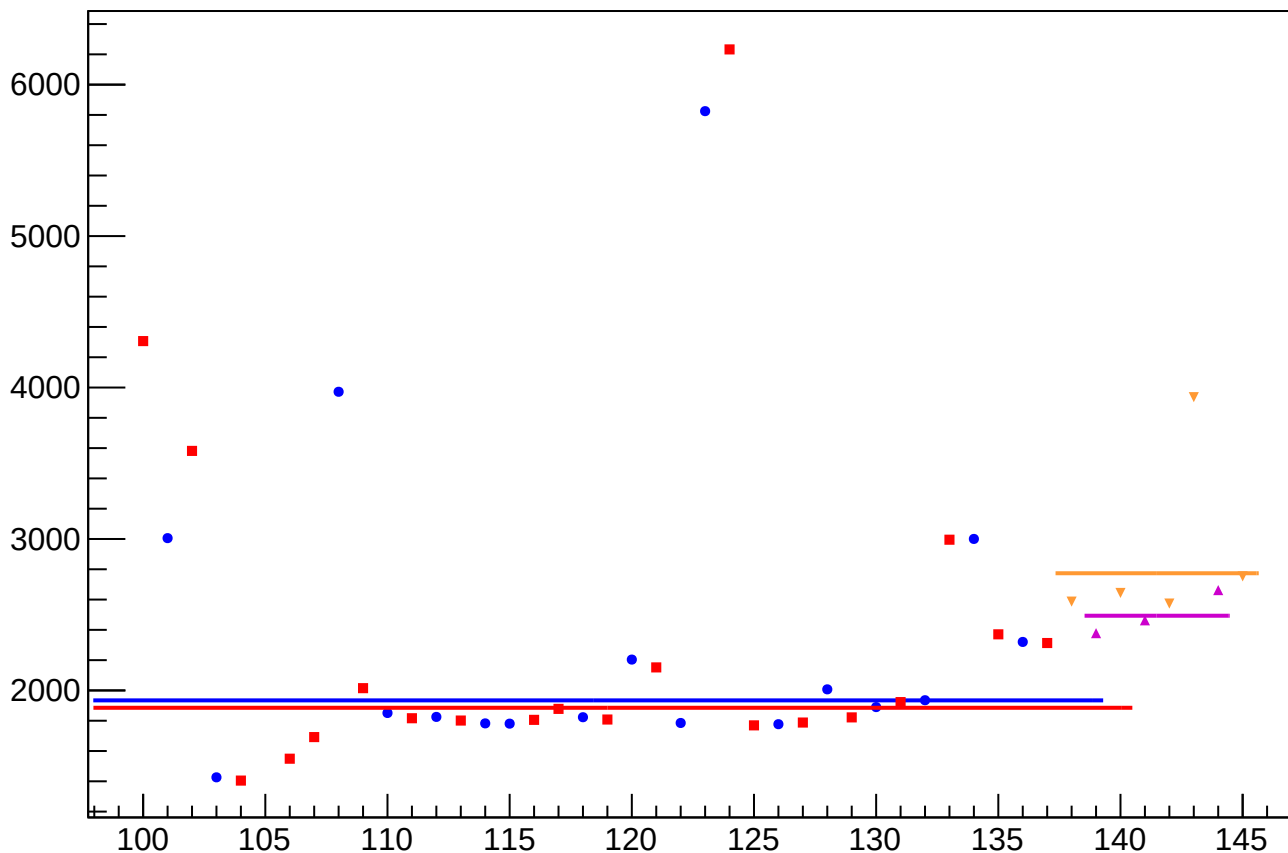
Left In: 4334.064 $\pm$ 1584.207 χ^2 /NDF: 0.4/2

2513.124 $\pm$ 688.101 χ^2 /NDF: 15.2/21

2412.072 $\pm$ 478.648 χ^2 /NDF: 41.1/44

2317.336 $\pm$ 666.249 χ^2 /NDF: 25.9/22

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1934.404 $\pm$ 0.543 χ^2 /NDF: 638920.4/16

Left Out: 2773.751 $\pm$ 1.094 χ^2 /NDF:132575.6/4

Right Out: 1885.498 $\pm$ 0.519 χ^2 /NDF: 752093.1/19

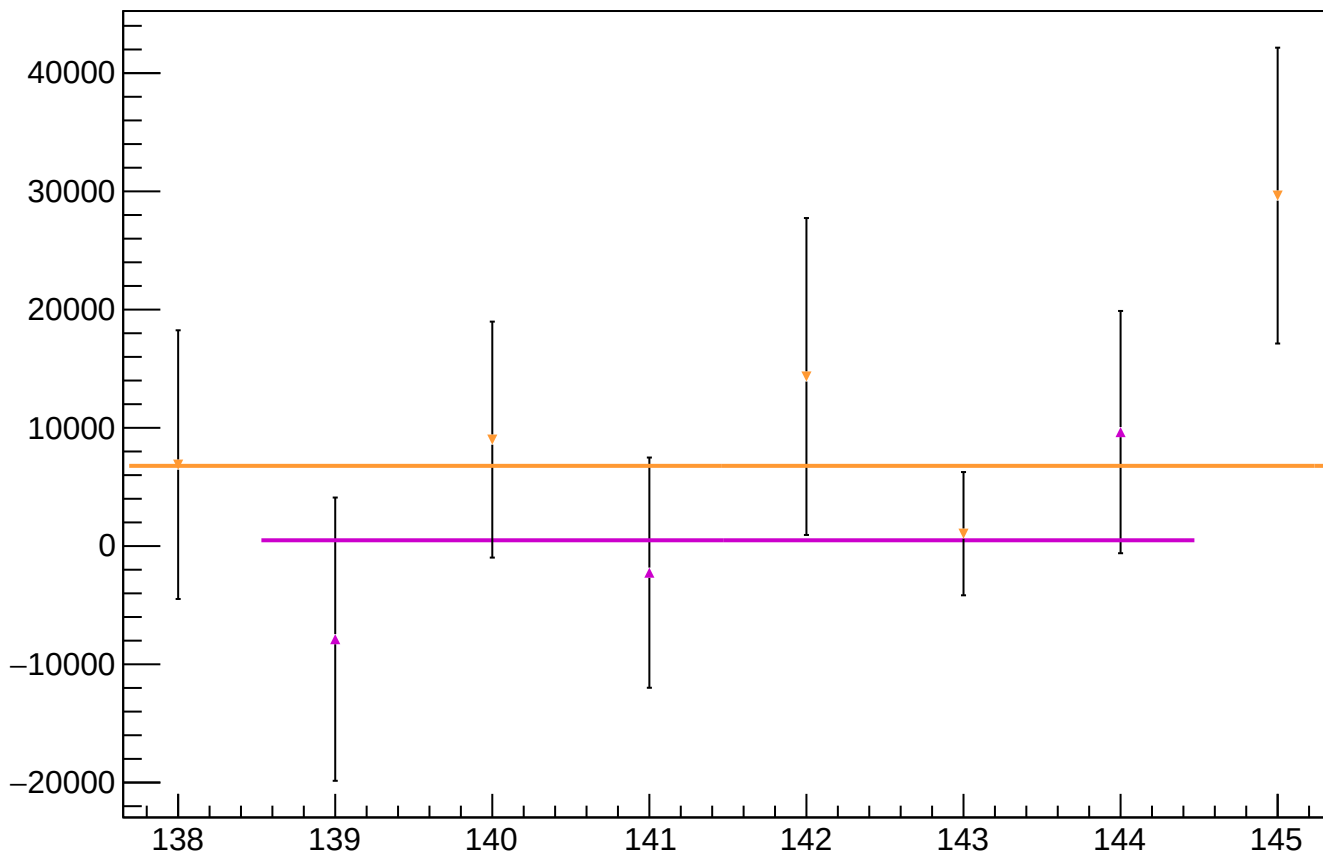
Left In: 2493.283 $\pm$ 1.120 χ^2 /NDF:10813.9/2

2100.479 $\pm$ 0.487 χ^2 /NDF: 1243800.0/21

2044.979 $\pm$ 0.338 χ^2 /NDF: 2274239.9/44

1992.964 $\pm$ 0.471 χ^2 /NDF: 1005234.8/22

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 6784.676 $\pm$ 3876.367 χ^2 /NDF:4.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

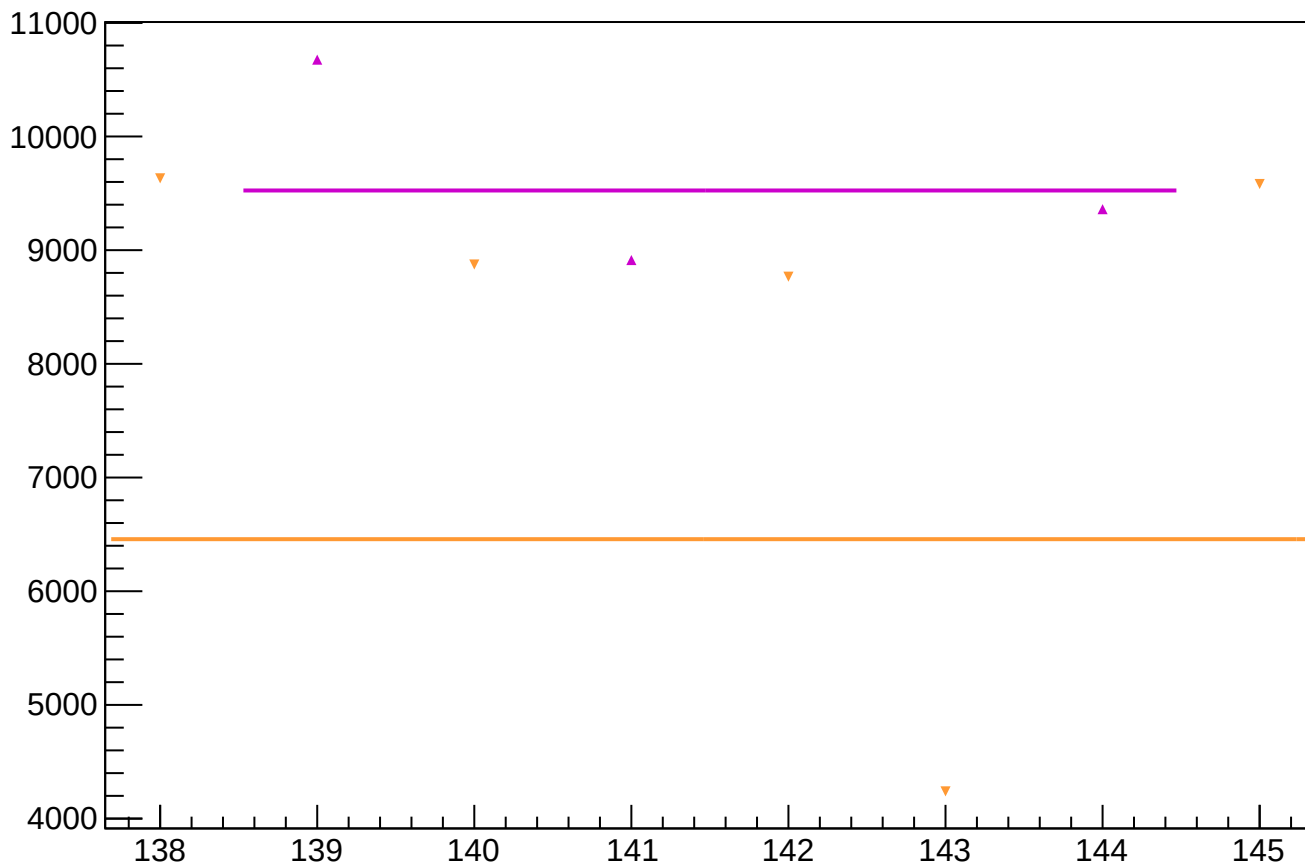
Left In: 489.627 $\pm$ 6080.745 χ^2 /NDF:1.4/2

6784.676 $\pm$ 3876.367 χ^2 /NDF: 4.9/4

4965.682 $\pm$ 3268.684 χ^2 /NDF: 7.0/7

489.627 $\pm$ 6080.745 χ^2 /NDF: 1.4/2

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6457.831+/-2.741 χ^2/NDF : 819634.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

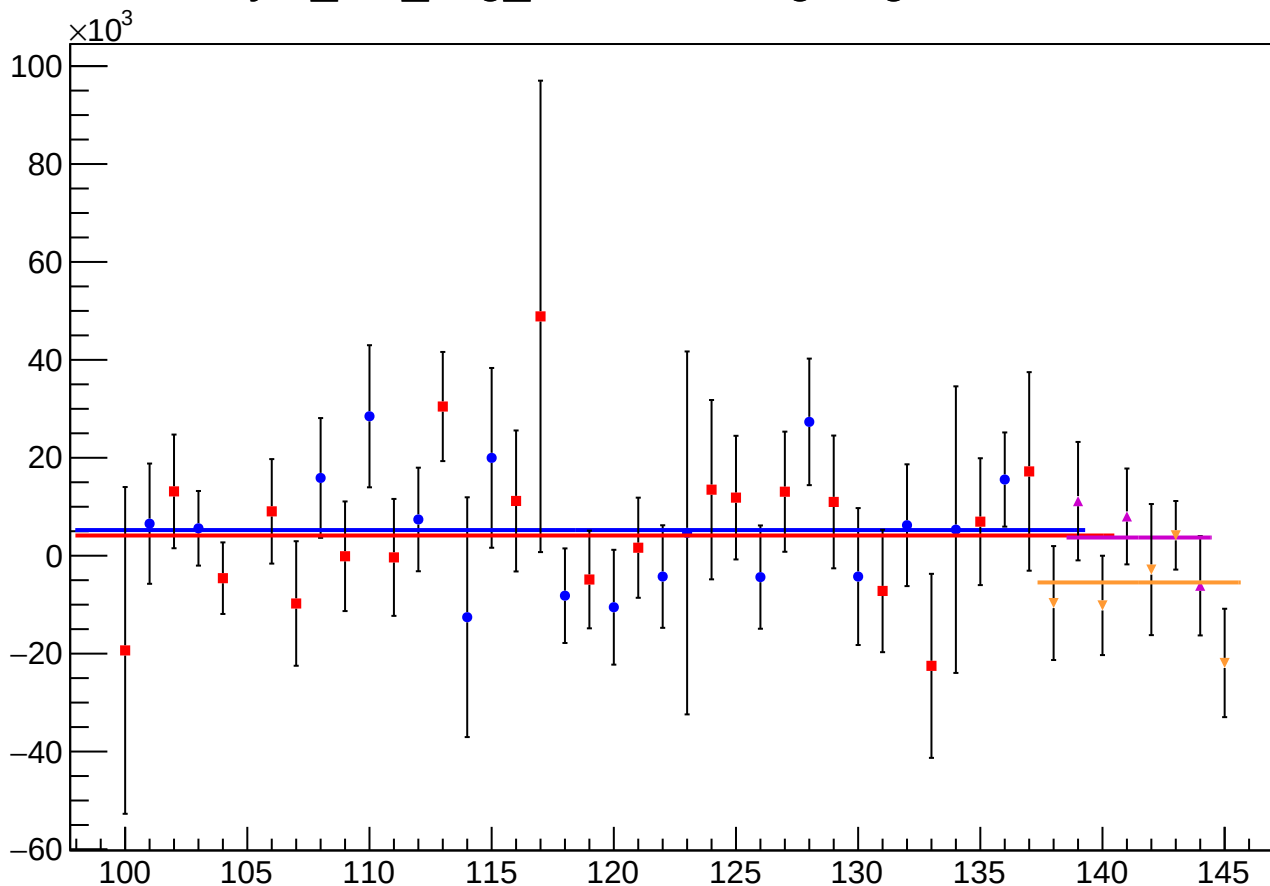
Left In: 9524.971+/-4.300 χ^2/NDF : 26876.2/2

6457.831+/-2.741 χ^2/NDF : 819634.4/4

7344.101+/-2.311 χ^2/NDF : 1208319.8/7

9524.971+/-4.300 χ^2/NDF : 26876.2/2

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5238.554 $\pm$ 2946.164 χ^2 /NDF: 14.5/16

Left Out: -5461.438 $\pm$ 4418.802 χ^2 /NDF: 4.5/4

Right Out: 4126.409 $\pm$ 2785.746 χ^2 /NDF: 16.5/19

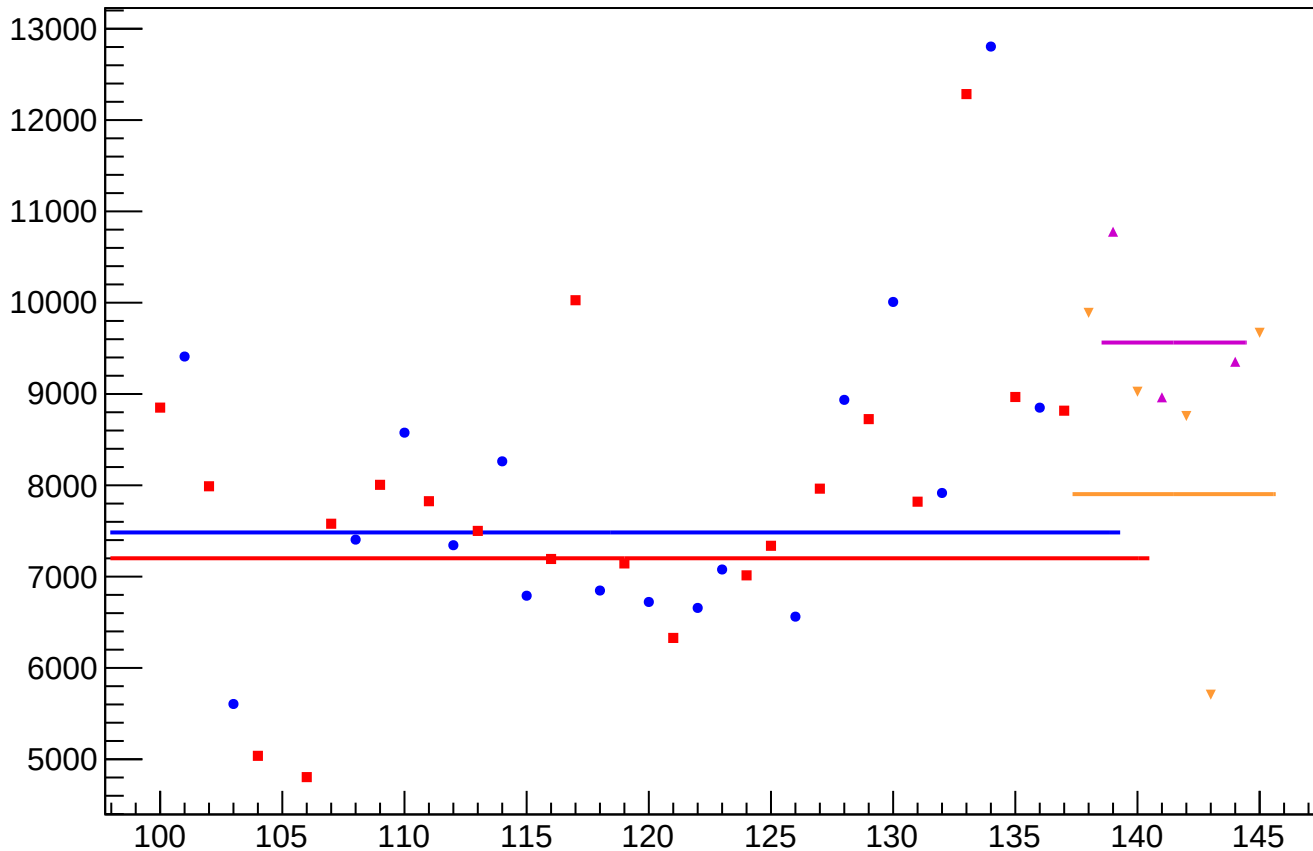
Left In: 3713.410 $\pm$ 6087.688 χ^2 /NDF: 1.5/2

1945.790 $\pm$ 2451.281 χ^2 /NDF: 23.0/21

2965.724 $\pm$ 1761.541 χ^2 /NDF: 41.4/44

4054.901 $\pm$ 2533.124 χ^2 /NDF: 18.0/22

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7483.785 $\pm$ 2.083 χ^2 /NDF: 431806.2/16

Left Out: 7903.458 $\pm$ 3.125 χ^2 /NDF: 338357.1/4

Right Out: 7200.943 $\pm$ 1.970 χ^2 /NDF: 565668.0/19

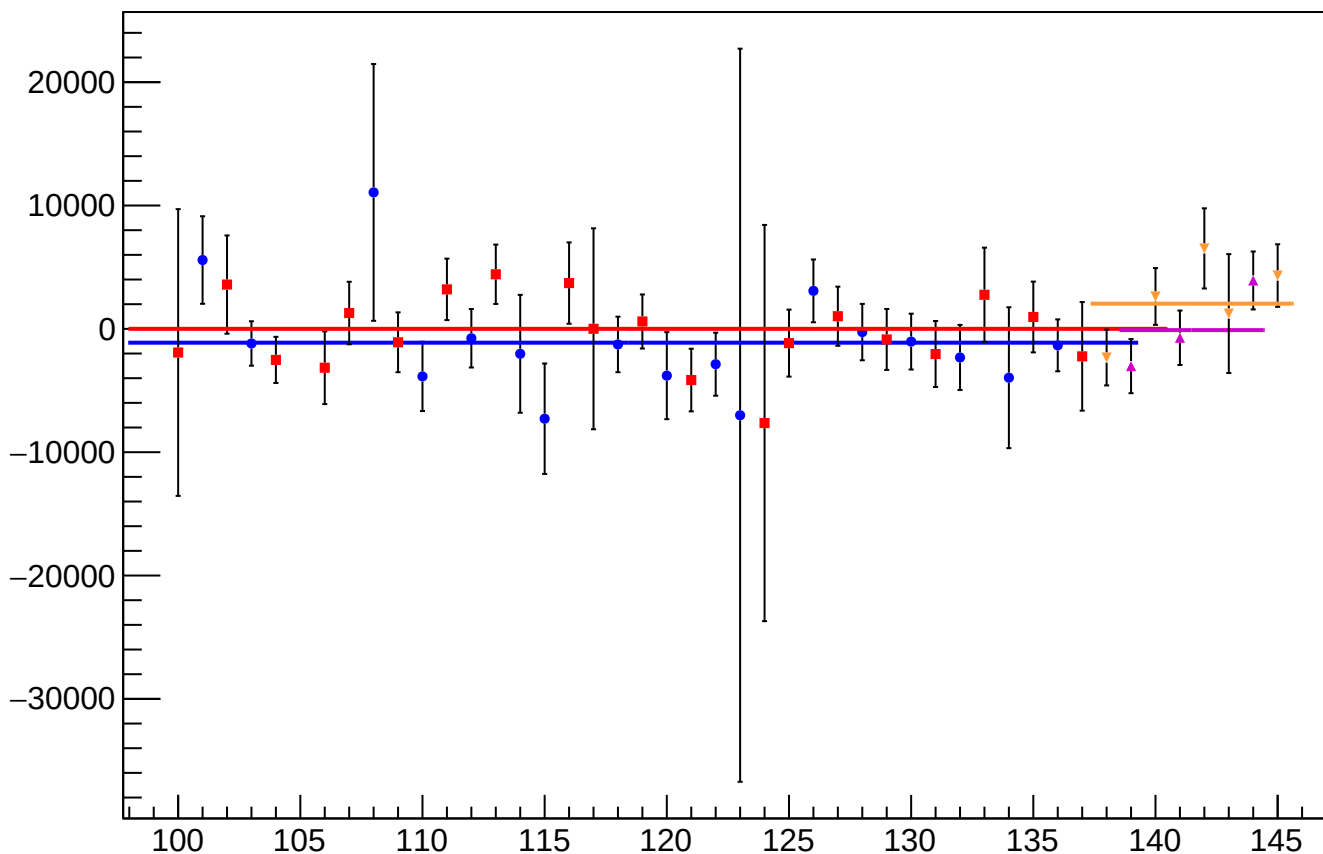
Left In: 9563.495 $\pm$ 4.305 χ^2 /NDF: 28508.4/2

7612.929 $\pm$ 1.733 χ^2 /NDF: 782652.1/21

7611.473 $\pm$ 1.246 χ^2 /NDF: 1625908.8/44

7609.919 $\pm$ 1.791 χ^2 /NDF: 843255.2/22

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -1120.496 $\pm$ 679.161 χ^2 /NDF: 12.3/16

Left Out: 2044.670 $\pm$ 1215.102 χ^2 /NDF: 6.5/4

Right Out: 2.535 $\pm$ 637.715 χ^2 /NDF: 15.5/19

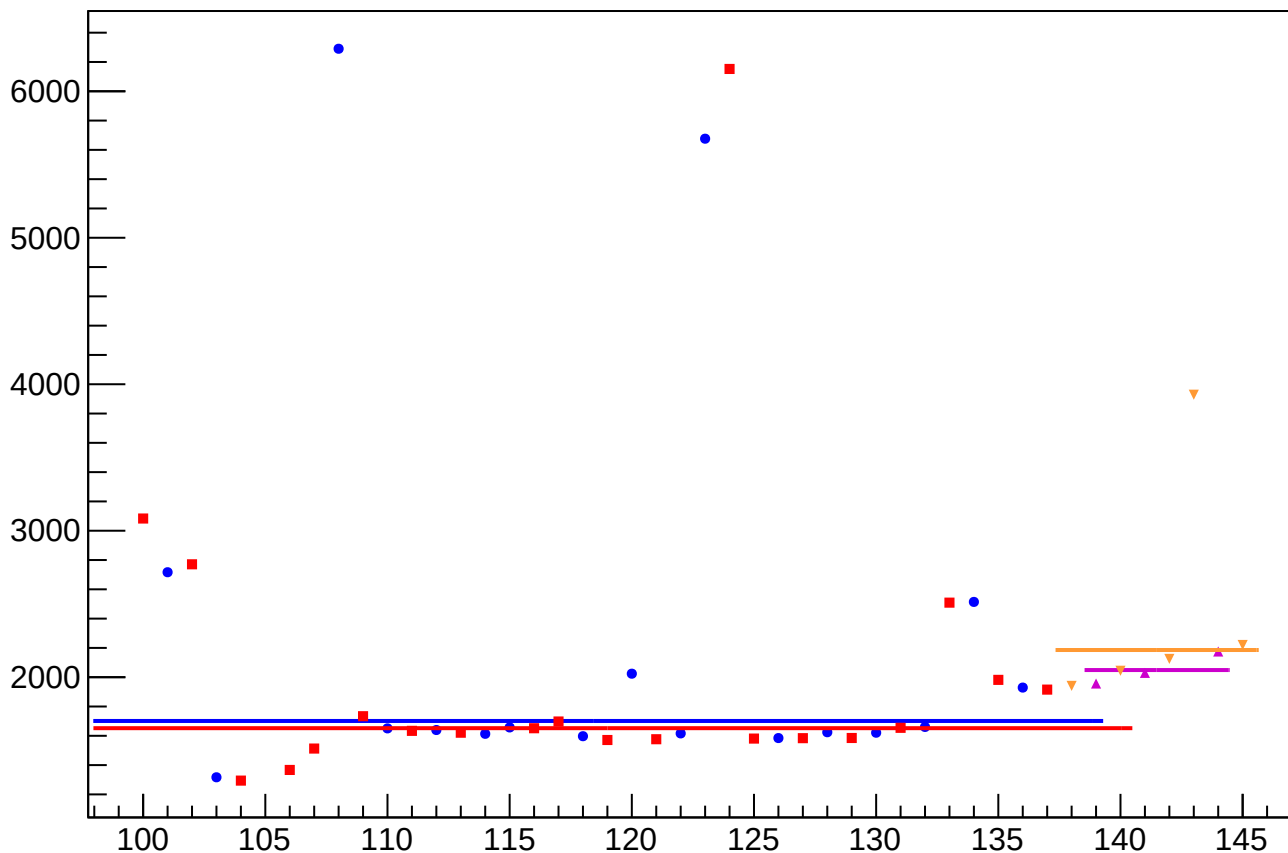
Left In: -103.036 $\pm$ 1298.335 χ^2 /NDF: 4.8/2

-367.056 $\pm$ 592.842 χ^2 /NDF: 23.9/21

-186.397 $\pm$ 411.783 χ^2 /NDF: 44.4/44

-17.984 $\pm$ 572.395 χ^2 /NDF: 20.3/22

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1701.283 $\pm$ 0.480 χ^2/NDF : 778718.7/16

Left Out: 2185.660 $\pm$ 0.859 χ^2/NDF : 293482.3/4

Right Out: 1652.015 $\pm$ 0.451 χ^2/NDF : 588905.2/19

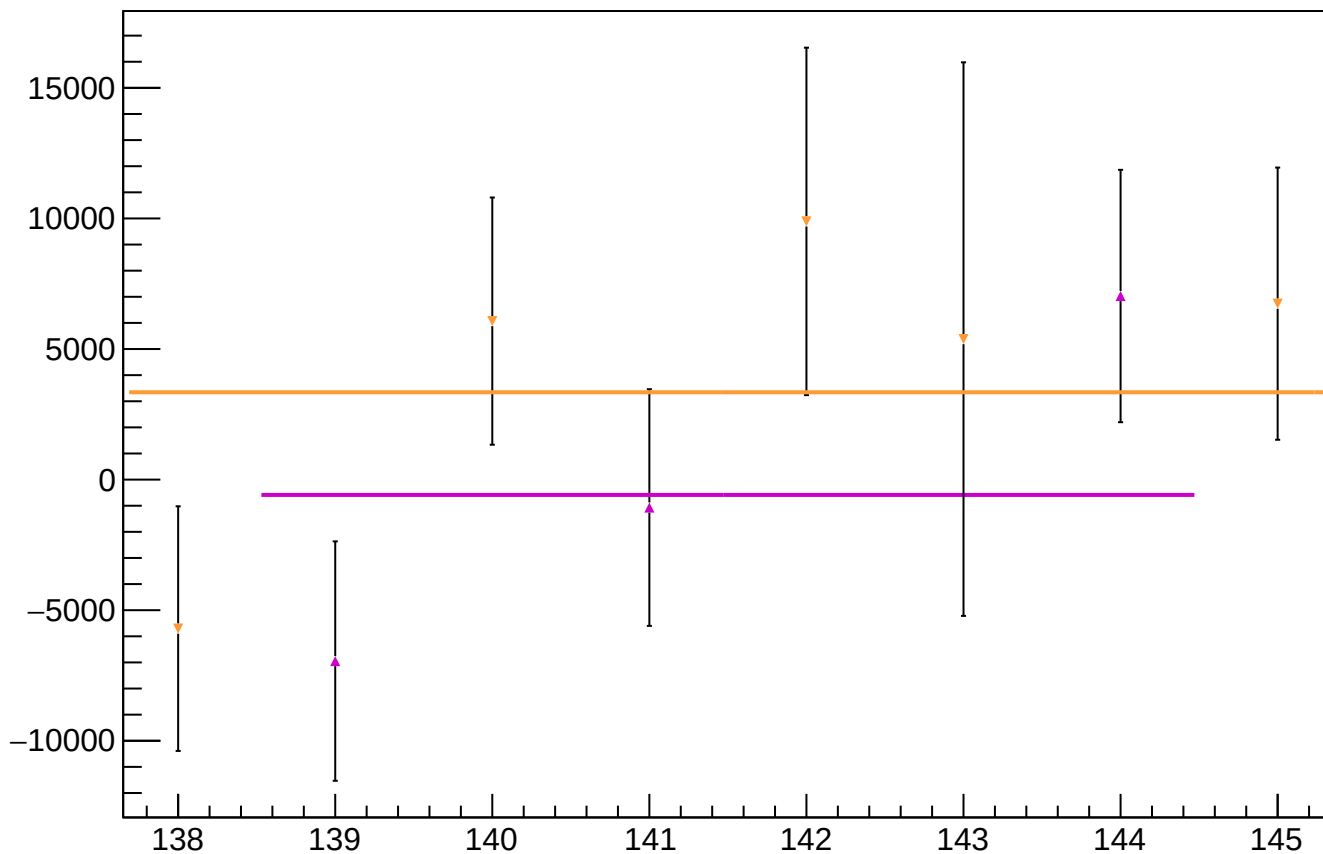
Left In: 2048.871 $\pm$ 0.918 χ^2/NDF : 9464.6/2

1816.584 $\pm$ 0.419 χ^2/NDF : 1314362.1/21

1771.333 $\pm$ 0.291 χ^2/NDF : 2085789.7/44

1729.150 $\pm$ 0.405 χ^2/NDF : 748913.0/22

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3344.277+/-2511.367 χ^2/NDF : 5.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

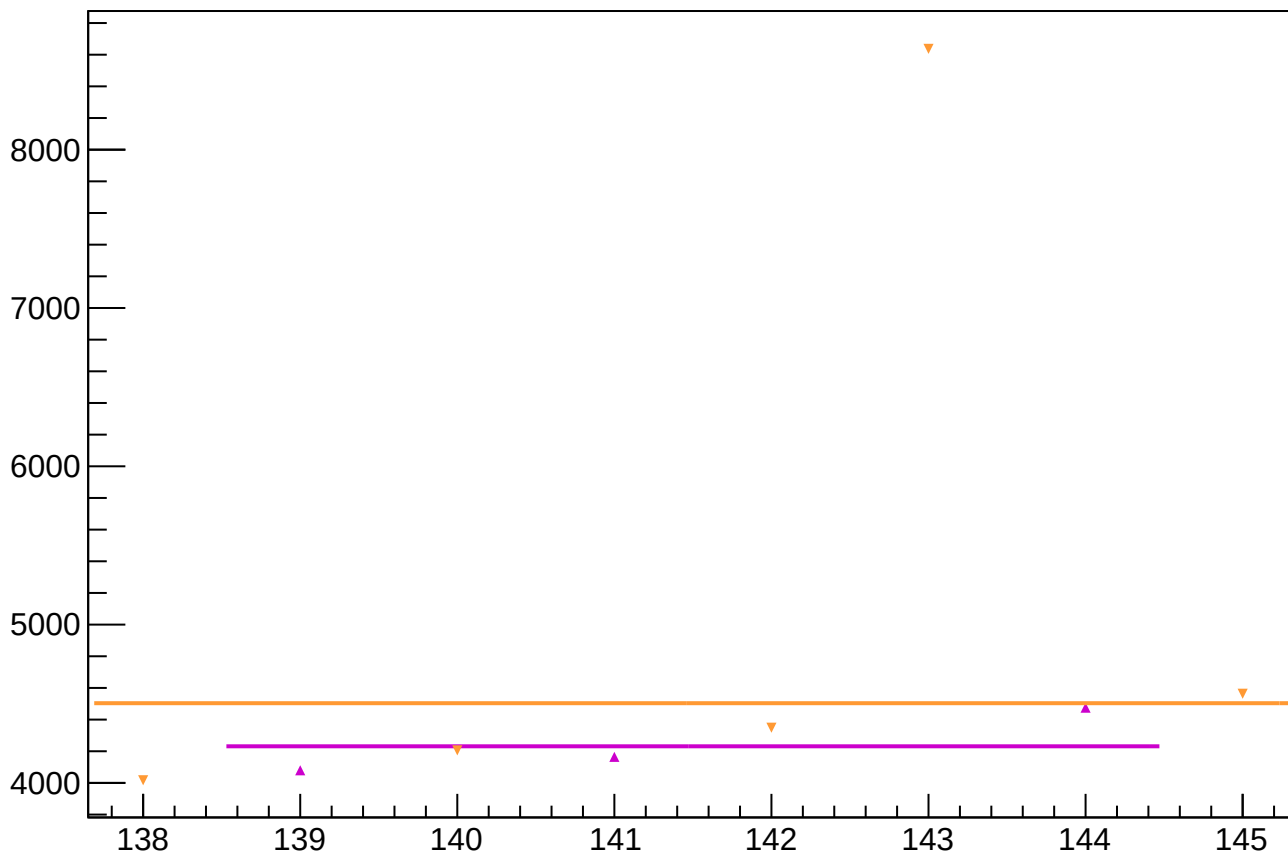
Left In: -586.457+/-2680.979 χ^2/NDF : 4.4/2

3344.277+/-2511.367 χ^2/NDF : 5.5/4

1507.173+/-1832.835 χ^2/NDF : 11.1/7

-586.457+/-2680.979 χ^2/NDF : 4.4/2

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4503.583+/-1.776 χ^2/NDF : 335096.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

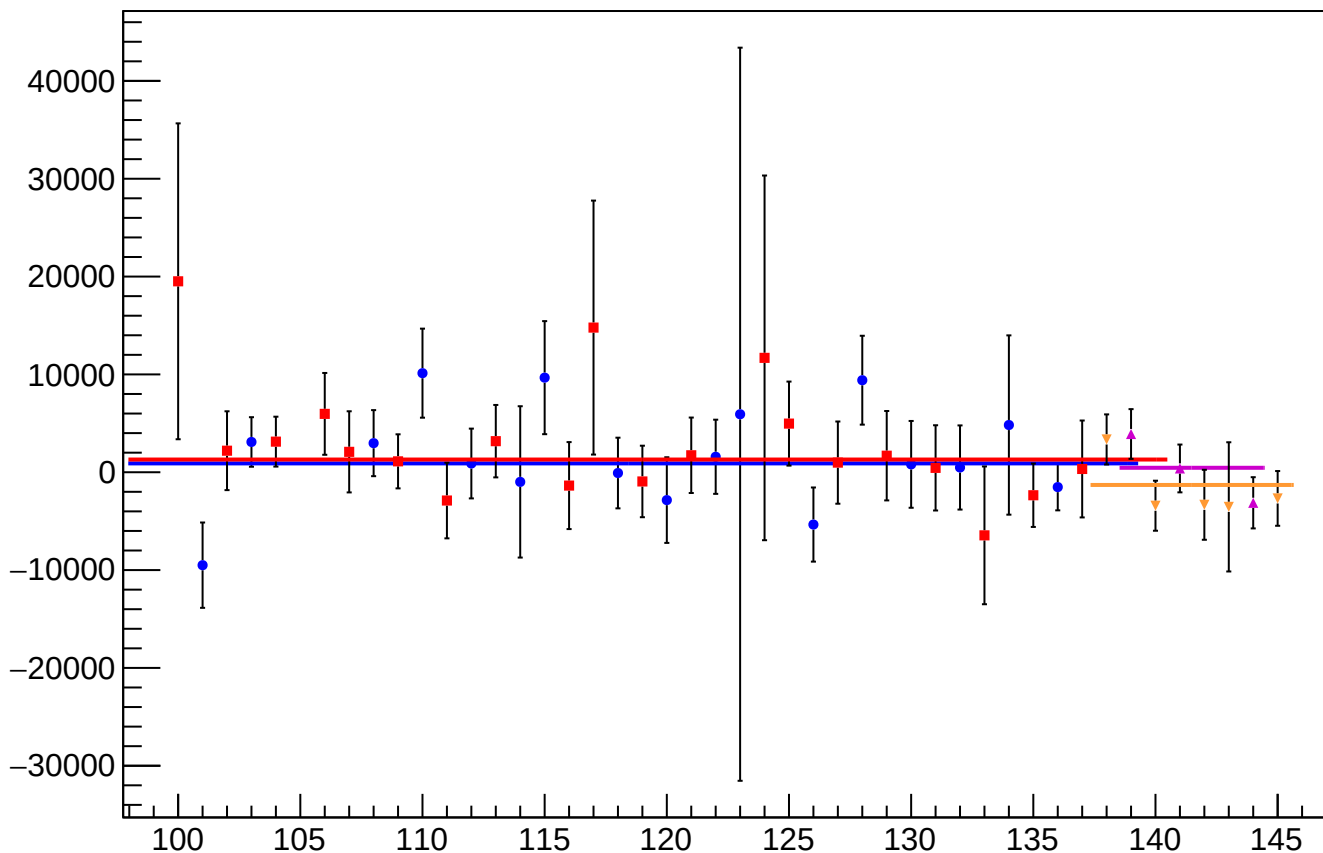
Left In: 4231.315+/-1.896 χ^2/NDF : 7717.6/2

4503.583+/-1.776 χ^2/NDF : 335096.0/4

4376.333+/-1.296 χ^2/NDF : 353800.2/7

4231.315+/-1.896 χ^2/NDF : 7717.6/2

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 903.274 $\pm$ 961.918 χ^2/NDF : 21.6/16

Left Out: -1299.499 $\pm$ 1367.804 χ^2/NDF : 4.7/4

Right Out: 1299.511 $\pm$ 922.689 χ^2/NDF : 10.0/19

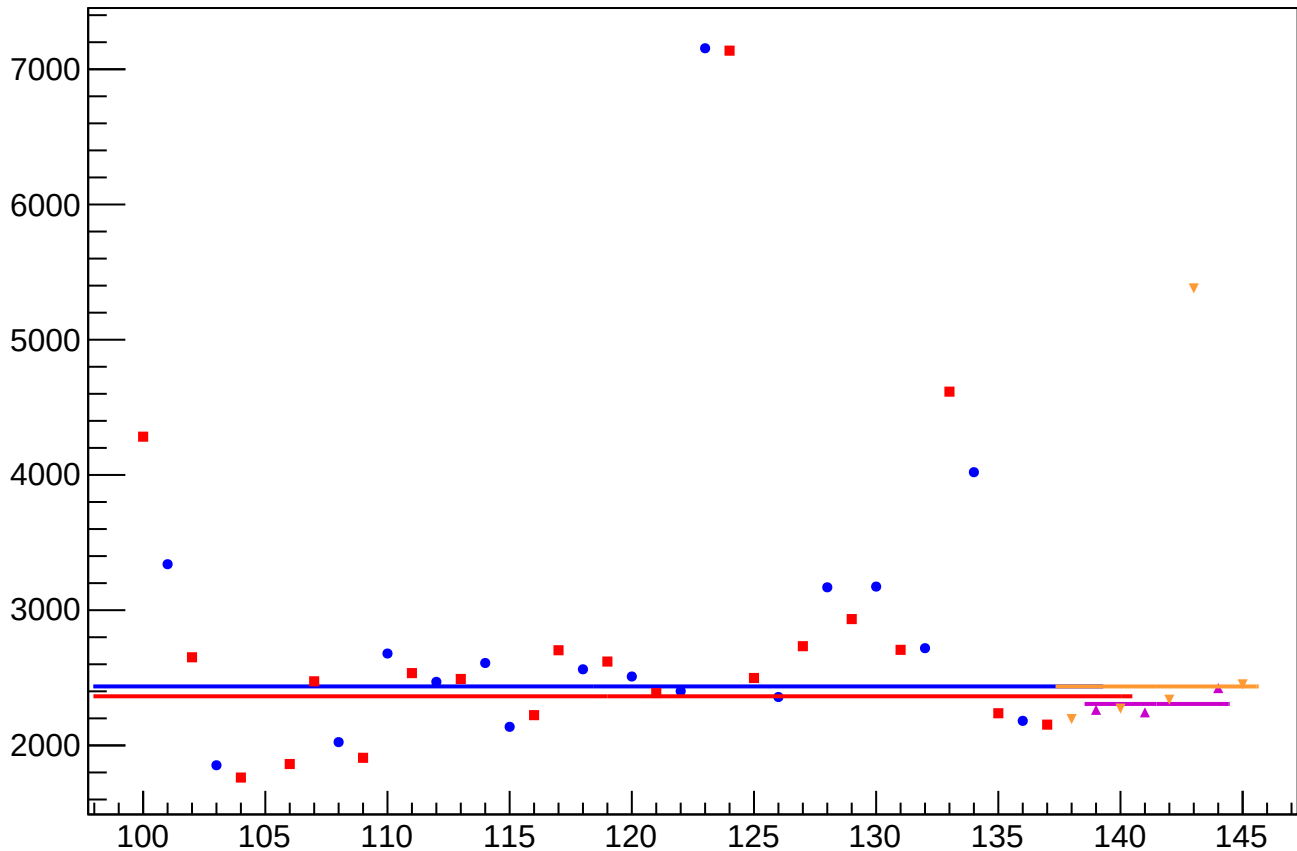
Left In: 455.735 $\pm$ 1461.382 χ^2/NDF : 3.7/2

174.351 $\pm$ 786.828 χ^2/NDF : 28.0/21

620.430 $\pm$ 554.011 χ^2/NDF : 42.6/44

1059.017 $\pm$ 780.193 χ^2/NDF : 13.9/22

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2436.256 $\pm$ 0.680 χ^2 /NDF: 468552.3/16

Left Out: 2435.968 $\pm$ 0.967 χ^2 /NDF:424904.7/4

Right Out: 2363.288 $\pm$ 0.652 χ^2 /NDF: 657229.5/19

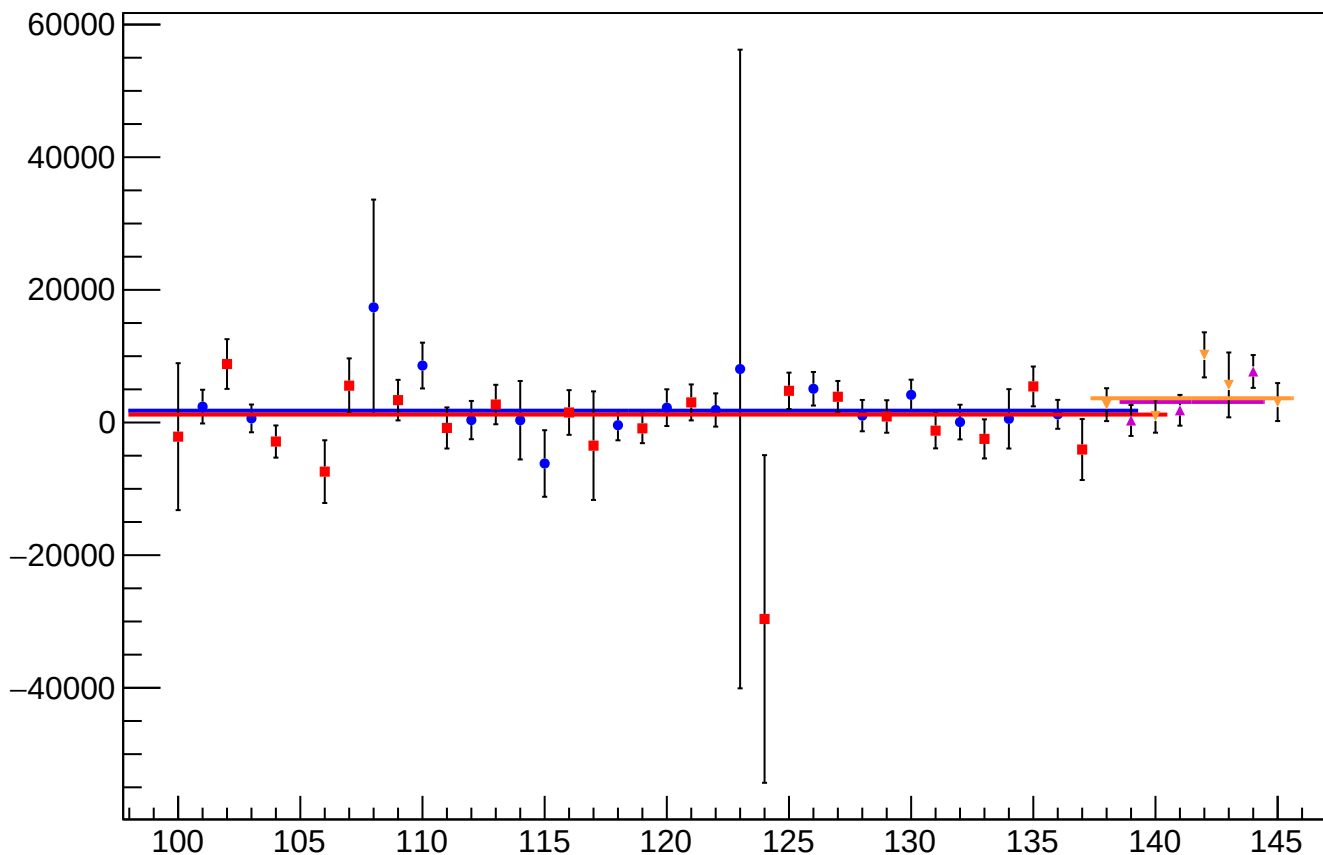
Left In: 2306.655 $\pm$ 1.033 χ^2 /NDF:5894.1/2

2436.161 $\pm$ 0.556 χ^2 /NDF: 893457.1/21

2391.277 $\pm$ 0.392 χ^2 /NDF: 1571635.2/44

2347.146 $\pm$ 0.552 χ^2 /NDF: 665271.1/22

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1783.505 ± 694.403 χ^2/NDF : 12.4/16

Left Out: 3656.169 ± 1322.550 χ^2/NDF : 5.2/4

Right Out: 1194.245 ± 705.509 χ^2/NDF : 24.6/19

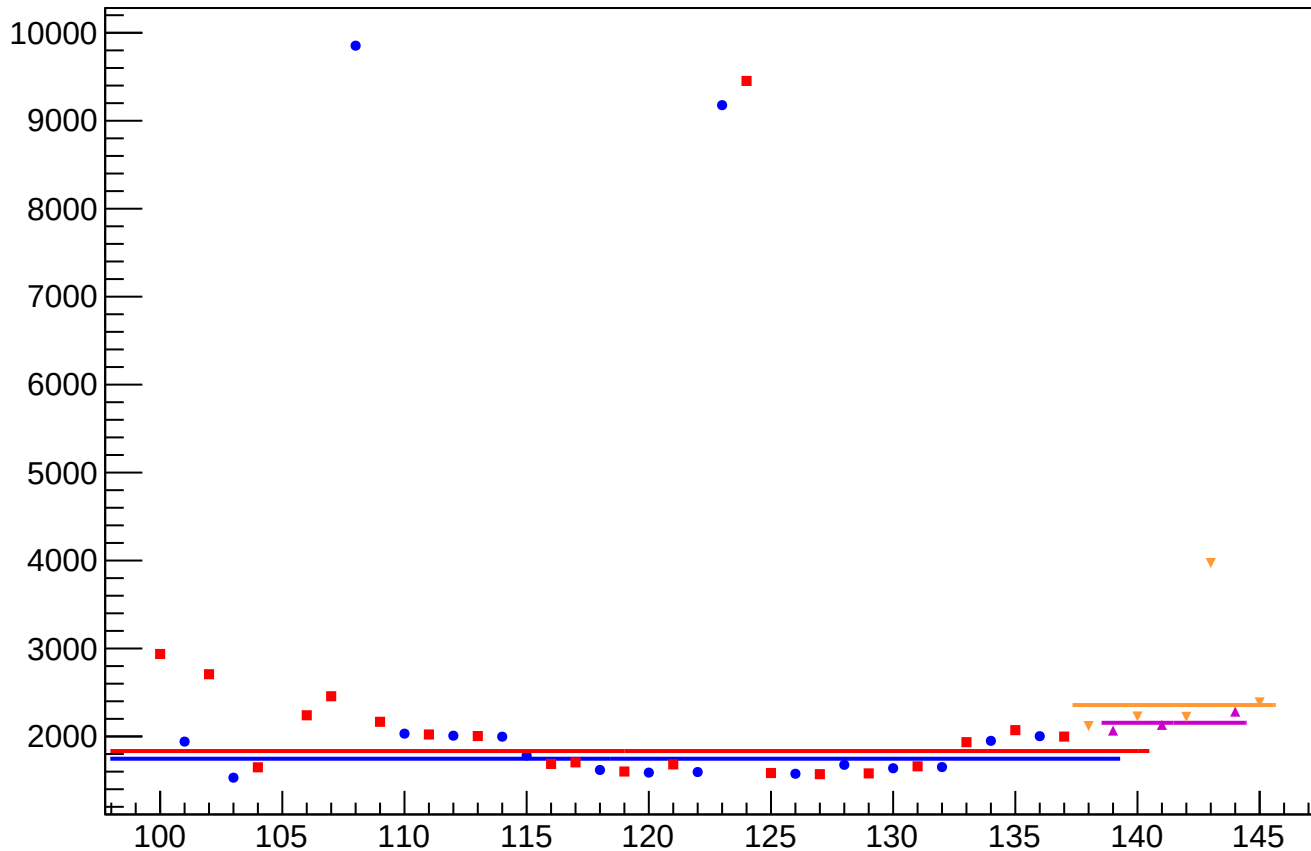
Left In: 3103.118 ± 1369.683 χ^2/NDF : 5.2/2

2188.192 ± 614.811 χ^2/NDF : 19.2/21

1897.267 ± 439.050 χ^2/NDF : 50.9/44

1594.505 ± 627.195 χ^2/NDF : 31.3/22

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1746.836 $\pm$ 0.491 χ^2/NDF : 682484.5/16

Left Out: 2357.085 $\pm$ 0.935 χ^2/NDF : 245464.3/4

Right Out: 1834.449 $\pm$ 0.498 χ^2/NDF : 550903.9/19

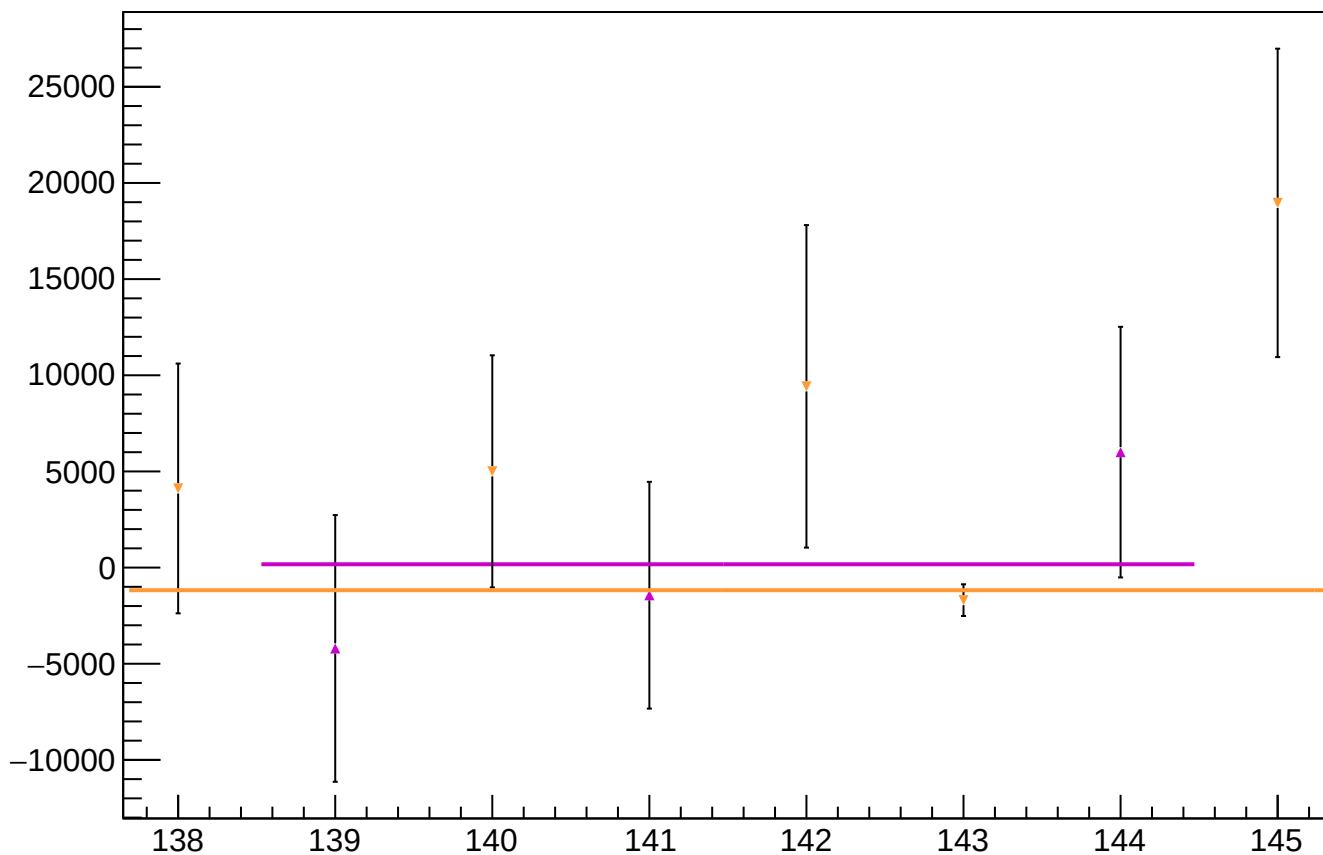
Left In: 2155.409 $\pm$ 0.969 χ^2/NDF : 8365.6/2

1878.712 $\pm$ 0.435 χ^2/NDF : 1261743.7/21

1889.950 $\pm$ 0.310 χ^2/NDF : 1909213.2/44

1901.623 $\pm$ 0.443 χ^2/NDF : 646107.2/22

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1176.585+/-802.536 χ^2/NDF :10.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

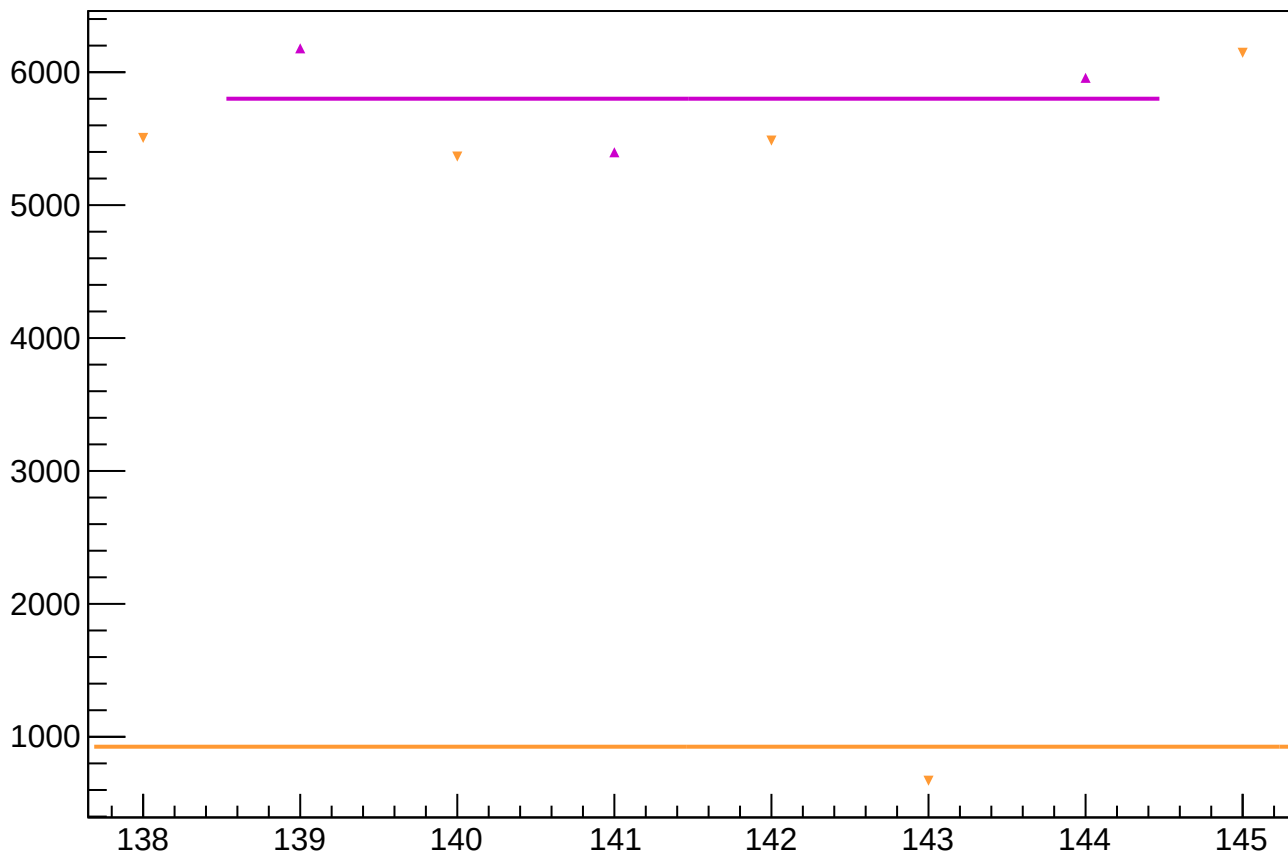
Left In: 172.288+/-3698.358 χ^2/NDF :1.3/2

-1176.585+/-802.536 χ^2/NDF : 10.0/4

-1115.925+/-784.283 χ^2/NDF : 11.4/7

172.288+/-3698.358 χ^2/NDF : 1.3/2

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 925.606+/-0.567 χ^2/NDF : 3709354.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

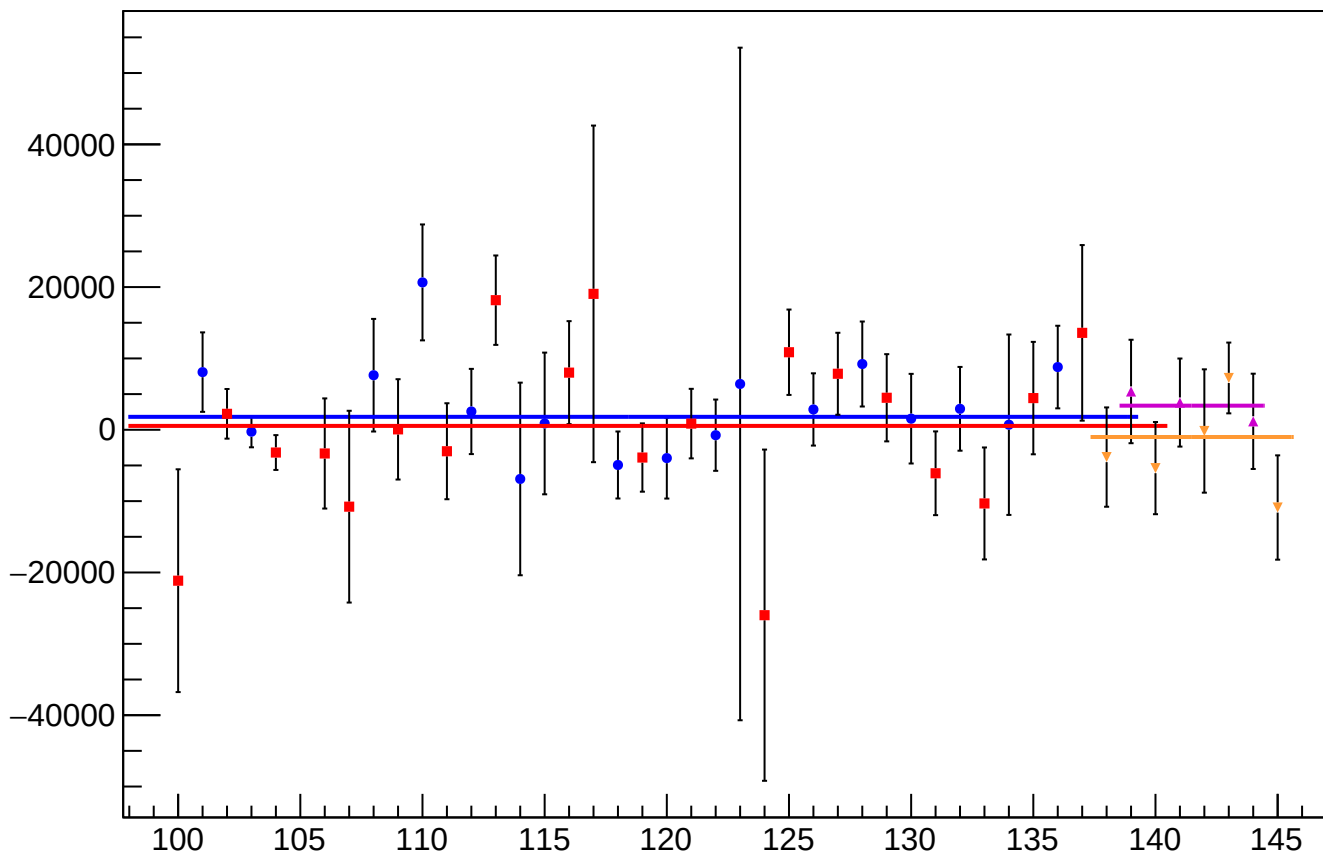
Left In: 5800.454+/-2.615 χ^2/NDF : 16476.4/2

925.606+/-0.567 χ^2/NDF : 3709354.4/4

1144.831+/-0.555 χ^2/NDF : 7044401.9/7

5800.454+/-2.615 χ^2/NDF : 16476.4/2

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1814.267 ± 1301.312 $\chi^2/\text{NDF}: 15.0/16$

Left Out: -1011.840 ± 2919.228 $\chi^2/\text{NDF}: 5.2/4$

Right Out: 543.365 ± 1284.166 $\chi^2/\text{NDF}: 27.1/19$

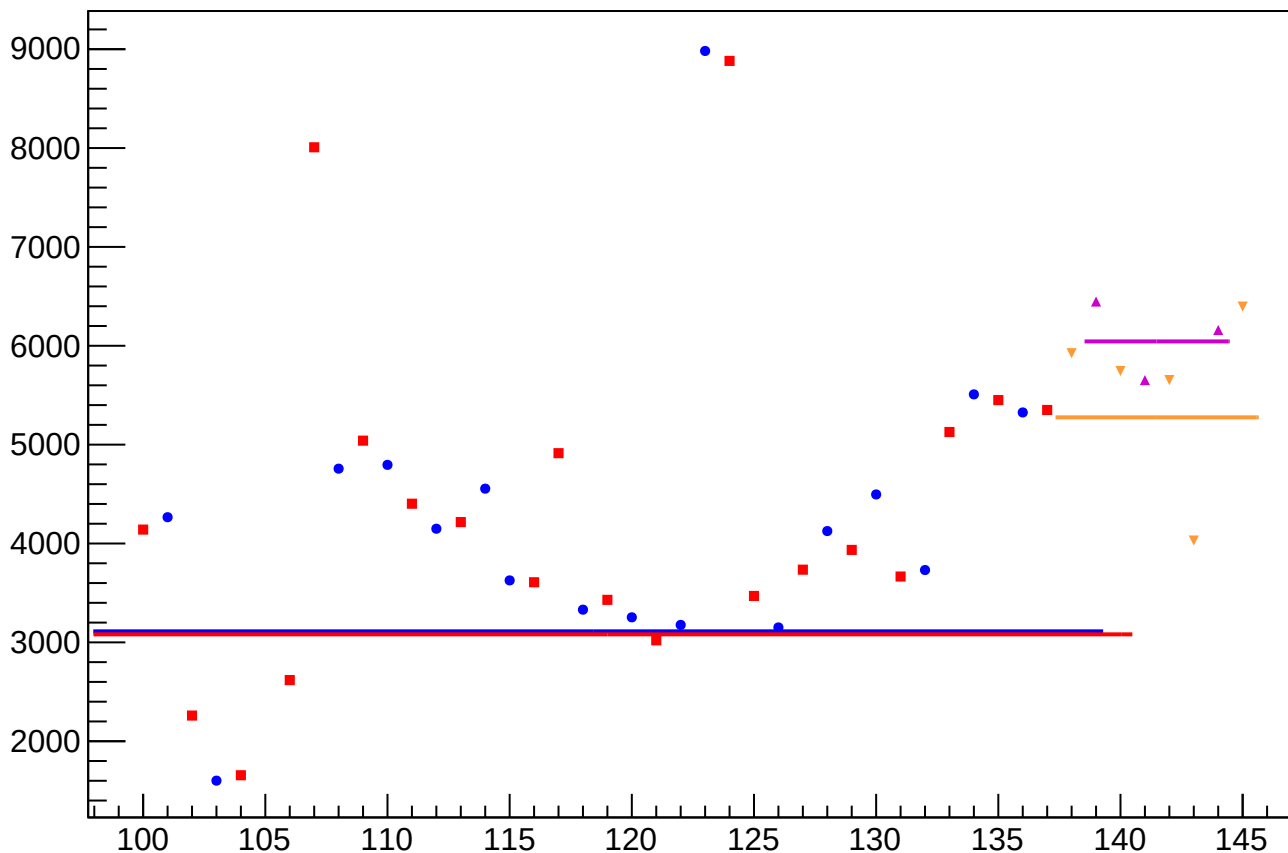
Left In: 3379.508 ± 3842.914 $\chi^2/\text{NDF}: 0.2/2$

1345.778 ± 1188.567 $\chi^2/\text{NDF}: 21.0/21$

1093.336 ± 850.646 $\chi^2/\text{NDF}: 48.9/44$

828.253 ± 1217.963 $\chi^2/\text{NDF}: 27.8/22$

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3111.560 ± 0.920 $\chi^2/\text{NDF}: 1878991.5/16$

Left Out: 5275.996 ± 2.064 $\chi^2/\text{NDF}: 204869.2/4$

Right Out: 3081.091 ± 0.895 $\chi^2/\text{NDF}: 2021662.5/19$

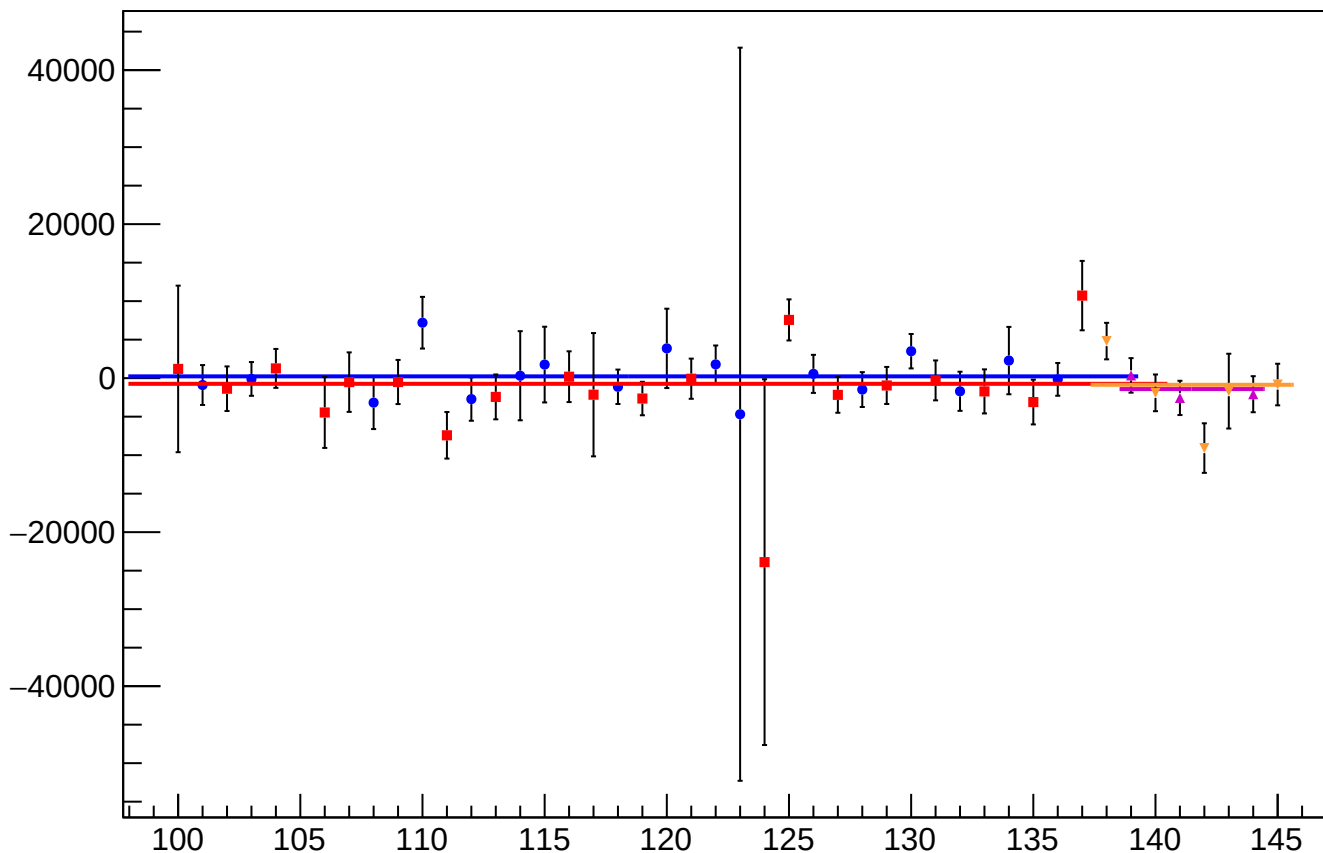
Left In: 6044.111 ± 2.717 $\chi^2/\text{NDF}: 14830.2/2$

3470.360 ± 0.840 $\chi^2/\text{NDF}: 3001070.8/21$

3421.258 ± 0.598 $\chi^2/\text{NDF}: 6117111.9/44$

3371.030 ± 0.850 $\chi^2/\text{NDF}: 3109136.1/22$

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 232.323+/-686.786 χ^2/NDF : 11.5/16

Left Out: -860.454+/-1259.867 χ^2/NDF :12.5/4

Right Out: -736.496+/-681.690 χ^2/NDF : 25.8/19

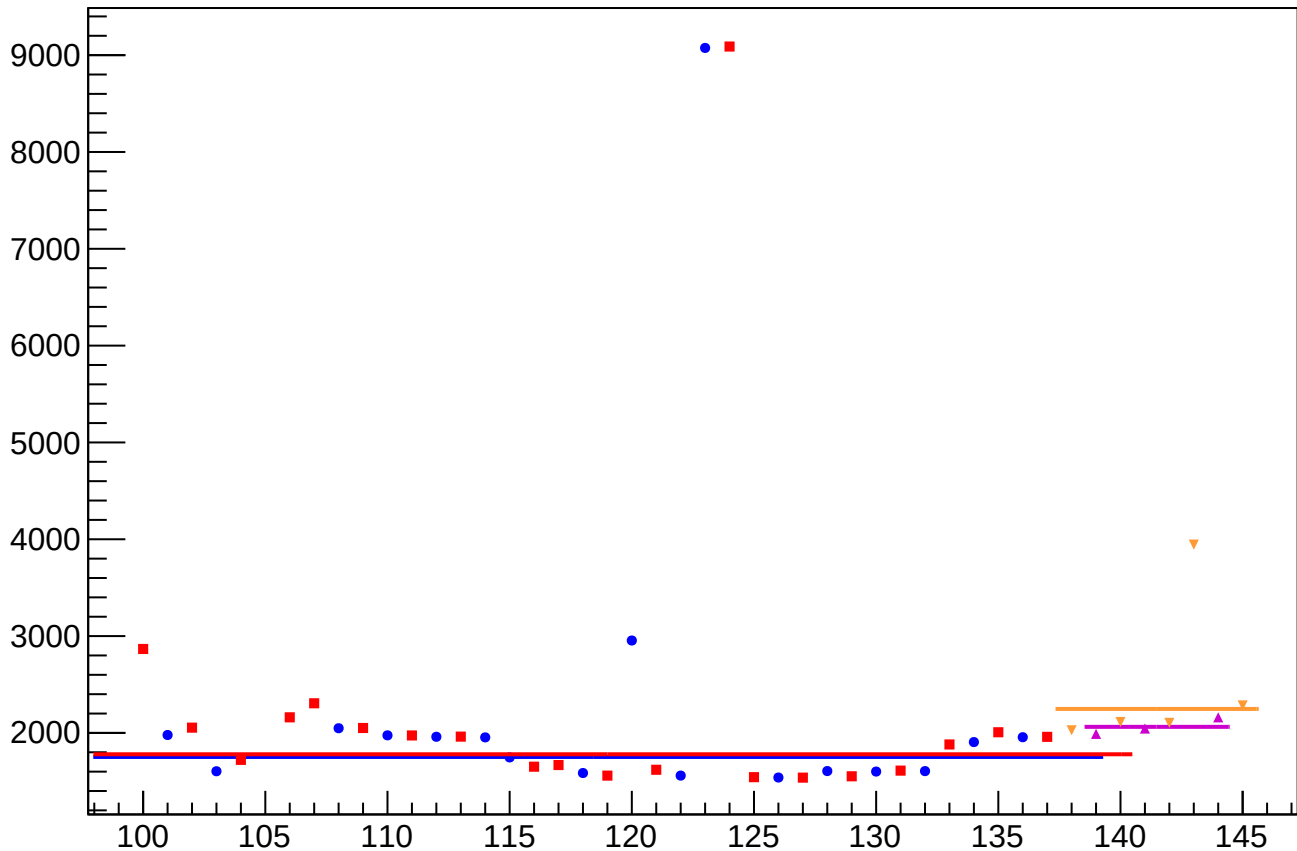
Left In: -1418.178+/-1309.275 χ^2/NDF :1.0/2

-18.017+/-603.010 χ^2/NDF : 24.6/21

-448.781+/-426.968 χ^2/NDF : 52.6/44

-881.881+/-604.643 χ^2/NDF : 27.0/22

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1751.850+/-0.486 χ^2/NDF : 300898.3/16

Left Out: 2247.683+/-0.891 χ^2/NDF : 272314.4/4

Right Out: 1779.399+/-0.481 χ^2/NDF : 428716.4/19

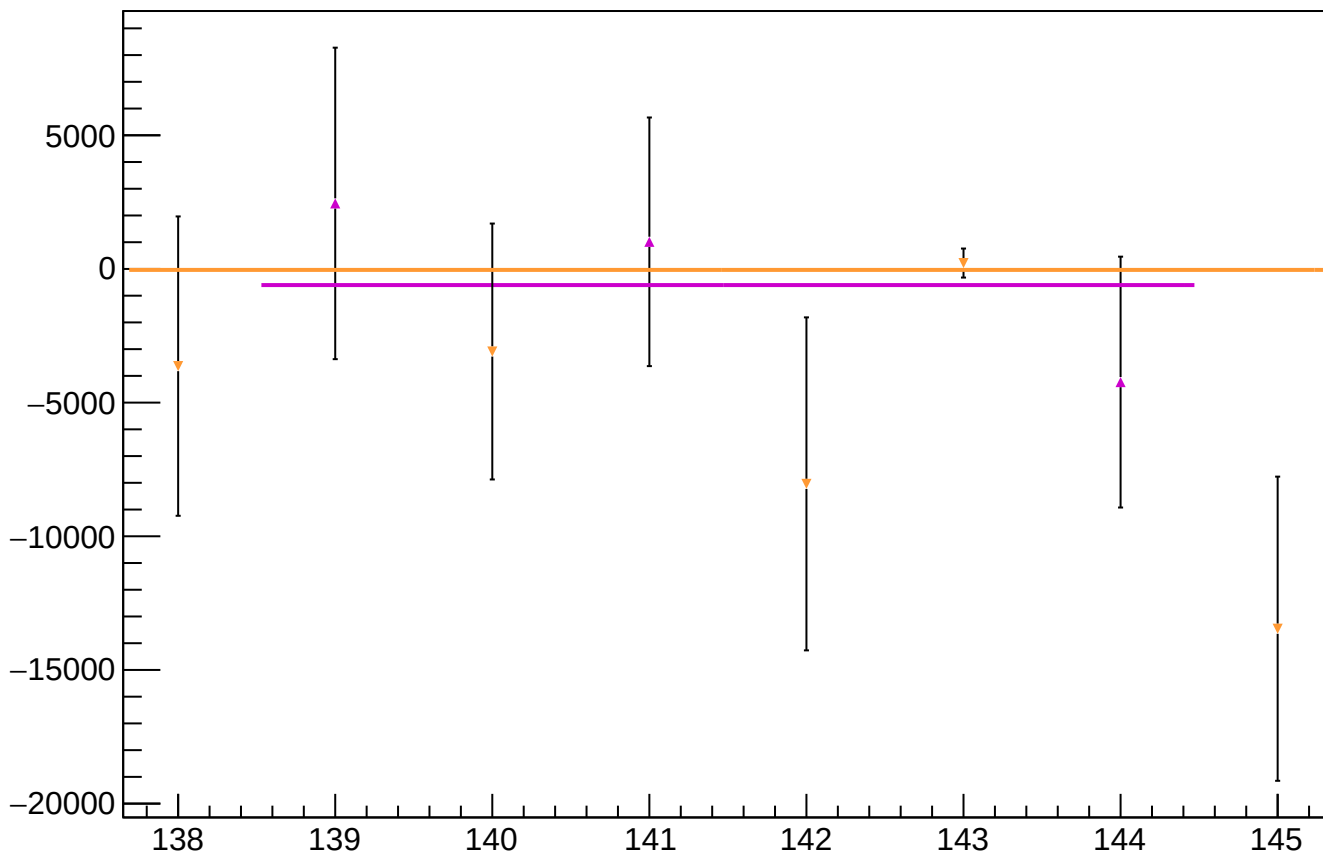
Left In: 2062.579+/-0.926 χ^2/NDF : 5732.4/2

1865.439+/-0.426 χ^2/NDF : 812025.0/21

1852.560+/-0.302 χ^2/NDF : 1321957.2/44

1839.644+/-0.427 χ^2/NDF : 508105.1/22

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.839+/-532.644 χ^2/NDF : 8.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

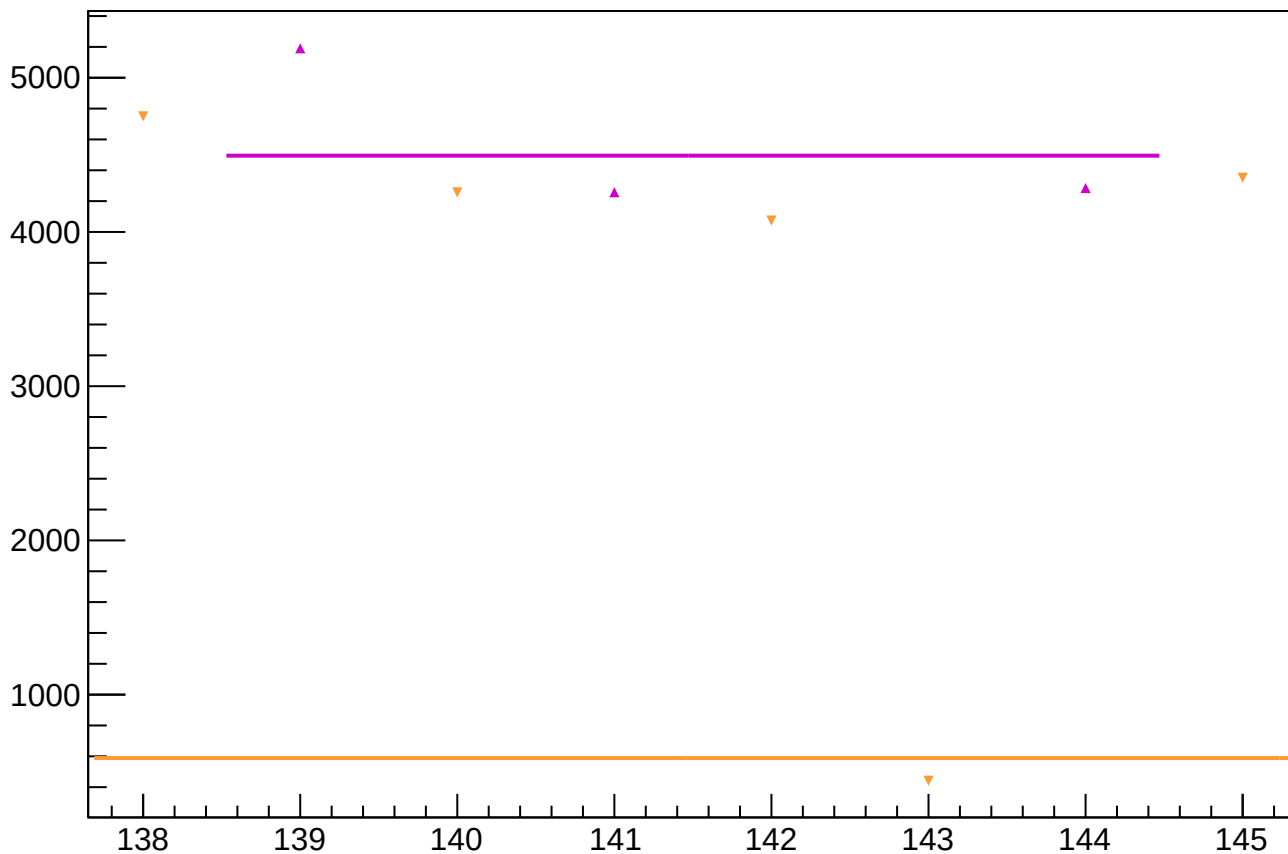
Left In: -603.244+/-2873.175 χ^2/NDF : 1.0/2

-35.839+/-532.644 χ^2/NDF : 8.3/4

-54.692+/-523.720 χ^2/NDF : 9.3/7

-603.244+/-2873.175 χ^2/NDF : 1.0/2

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 588.775+/-0.377 χ^2/NDF : 3927166.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

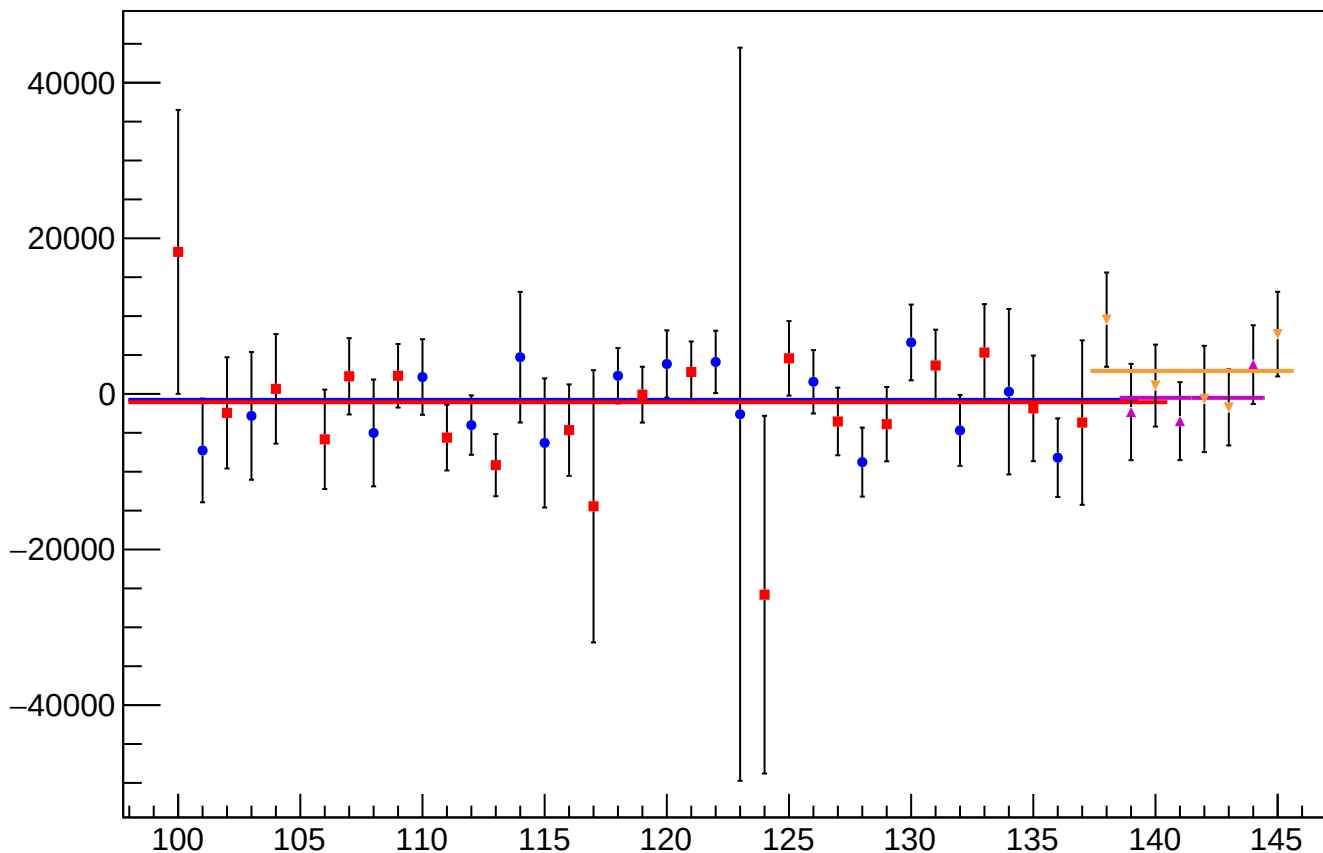
Left In: 4494.848+/-2.032 χ^2/NDF : 37756.0/2

588.775+/-0.377 χ^2/NDF : 3927166.2/4

718.557+/-0.370 χ^2/NDF : 7538569.5/7

4494.848+/-2.032 χ^2/NDF : 37756.0/2

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -765.107 ± 1247.704 χ^2/NDF : 15.5/16

Left Out: 2940.329 ± 2496.528 χ^2/NDF : 3.3/4

Right Out: -1066.792 ± 1188.366 χ^2/NDF : 15.6/19

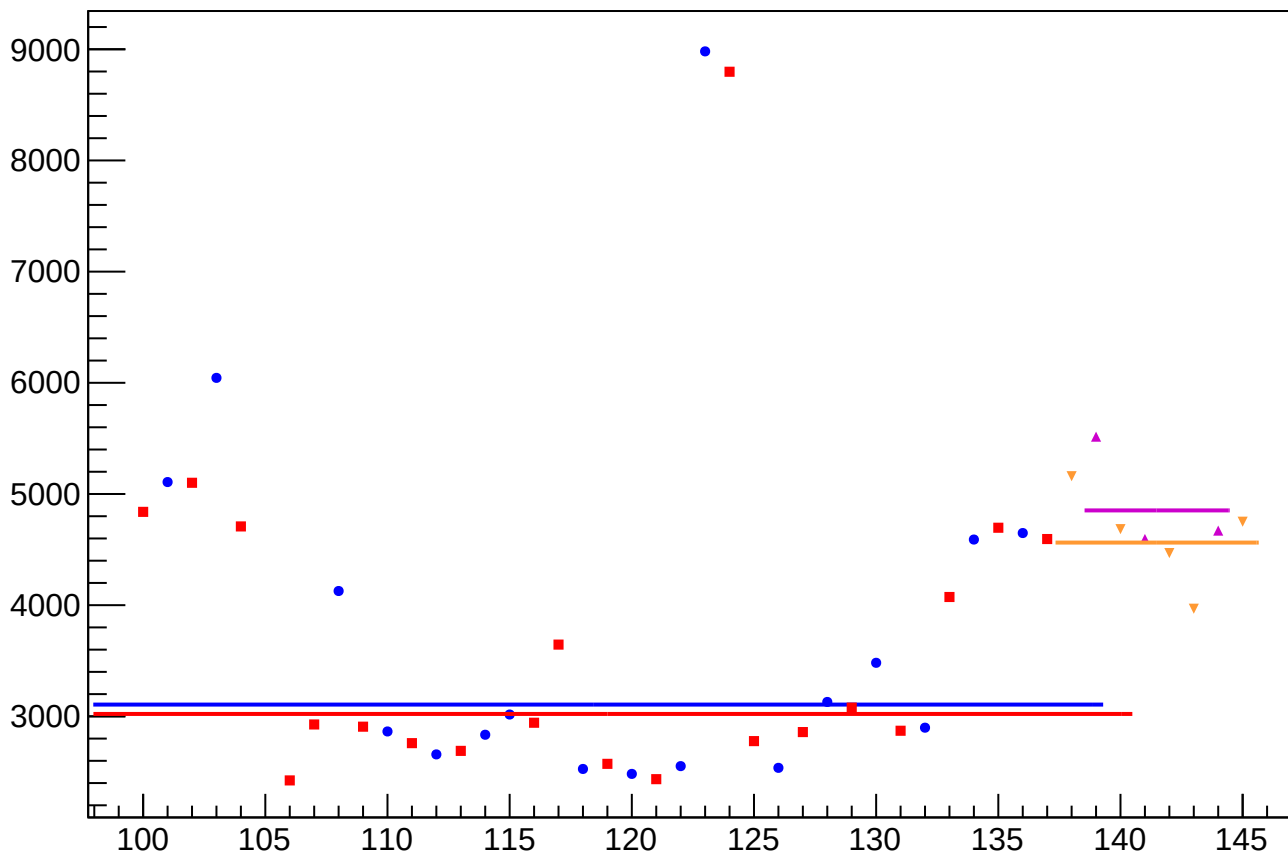
Left In: -503.974 ± 3087.552 χ^2/NDF : 1.2/2

-24.552 ± 1116.080 χ^2/NDF : 20.6/21

-512.425 ± 786.692 χ^2/NDF : 37.7/44

-994.174 ± 1109.054 χ^2/NDF : 16.8/22

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3105.849 $\pm$ 0.882 χ^2/NDF : 959826.4/16

Left Out: 4563.026 $\pm$ 1.765 χ^2/NDF : 52883.0/4

Right Out: 3021.600 $\pm$ 0.830 χ^2/NDF : 796828.0/19

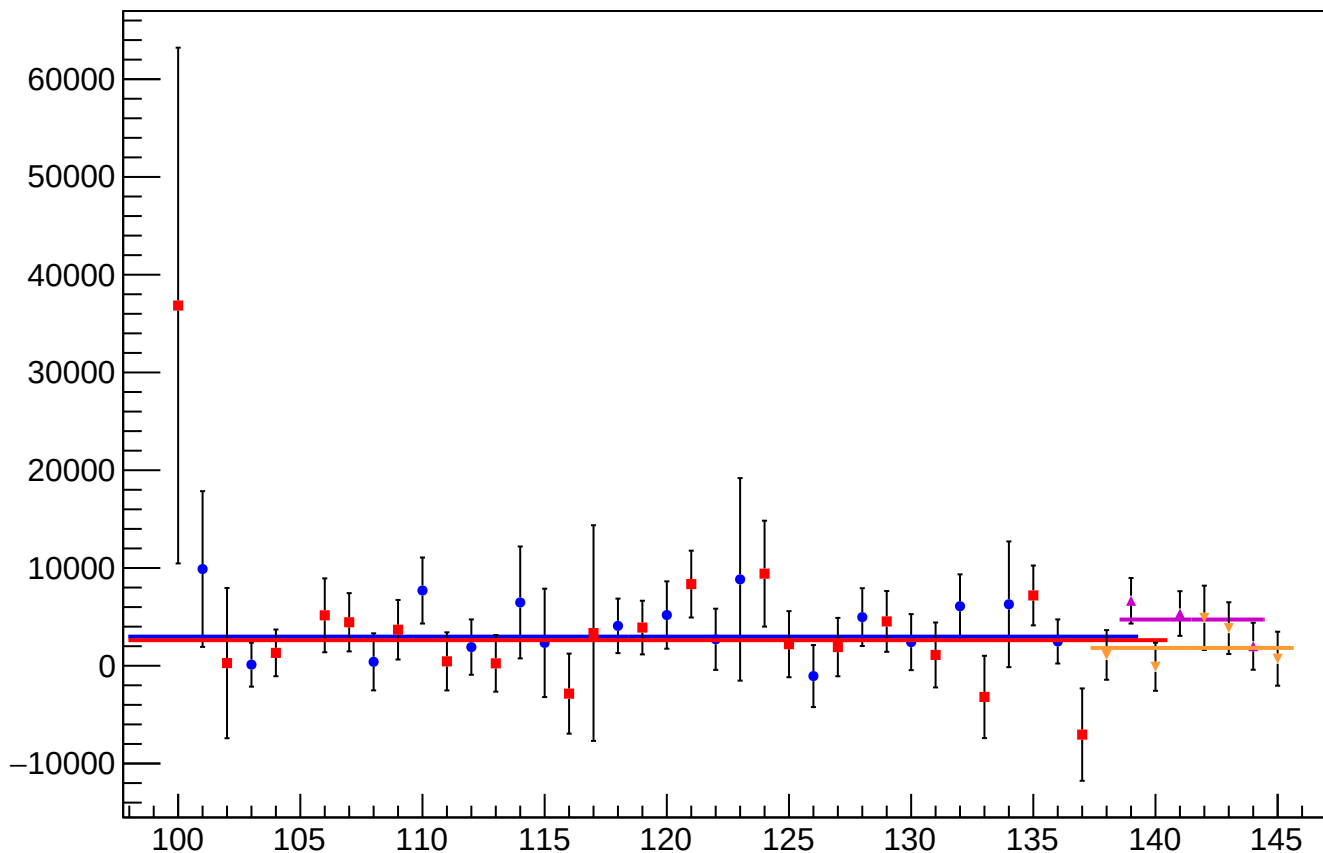
Left In: 4852.283 $\pm$ 2.183 χ^2/NDF : 30783.6/2

3397.073 $\pm$ 0.789 χ^2/NDF : 1557902.4/21

3323.656 $\pm$ 0.553 χ^2/NDF : 3016880.8/44

3252.720 $\pm$ 0.776 χ^2/NDF : 1441961.9/22

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2978.445 $\pm$ 795.398 χ^2 /NDF: 9.9/16

Left Out: 1824.145 $\pm$ 1206.577 χ^2 /NDF: 2.3/4

Right Out: 2617.544 $\pm$ 781.260 χ^2 /NDF: 19.6/19

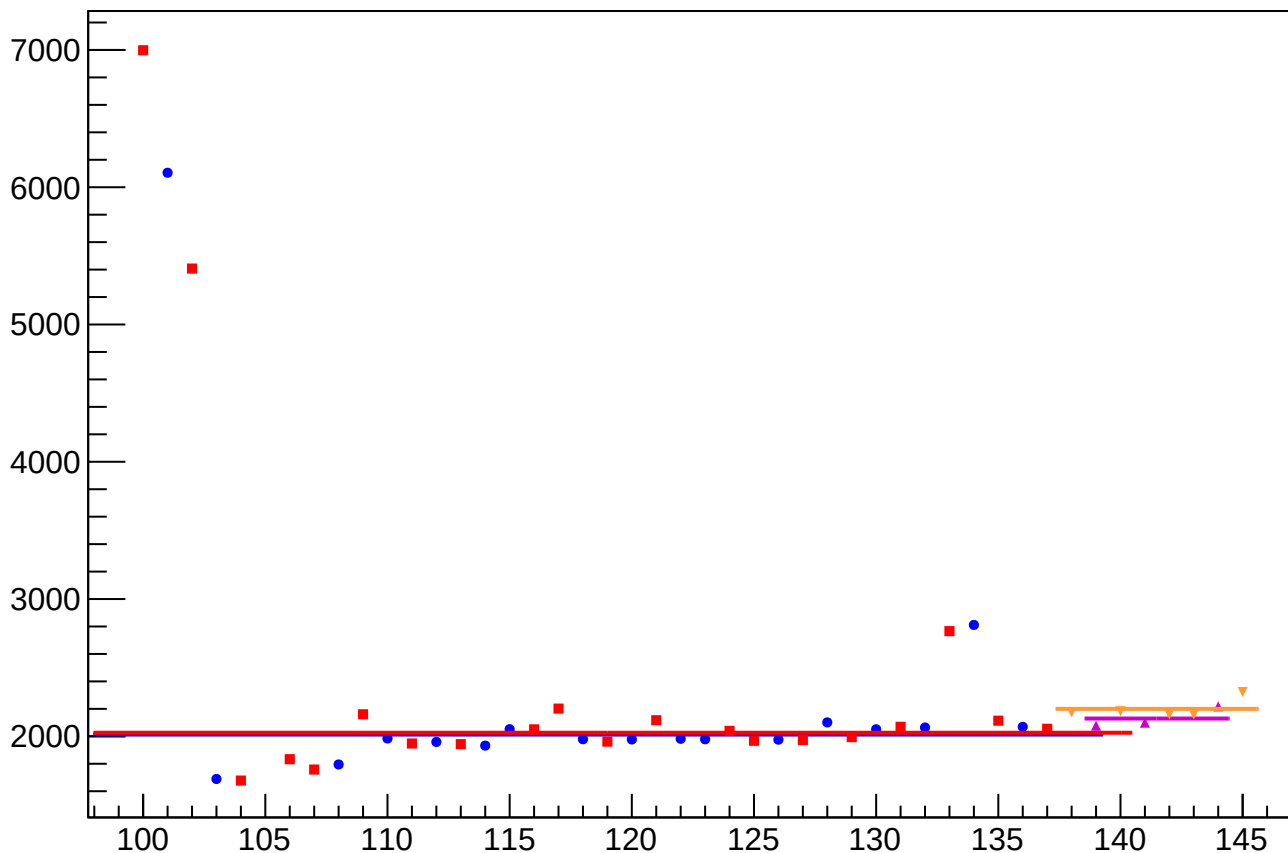
Left In: 4727.663 $\pm$ 1349.828 χ^2 /NDF: 2.0/2

2628.777 $\pm$ 664.085 χ^2 /NDF: 12.8/21

2883.235 $\pm$ 473.794 χ^2 /NDF: 36.6/44

3147.040 $\pm$ 676.171 χ^2 /NDF: 23.5/22

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2012.945+/-0.562 χ^2/NDF : 617707.4/16

Left Out: 2199.814+/-0.853 χ^2/NDF : 5018.8/4

Right Out: 2025.957+/-0.552 χ^2/NDF : 597934.3/19

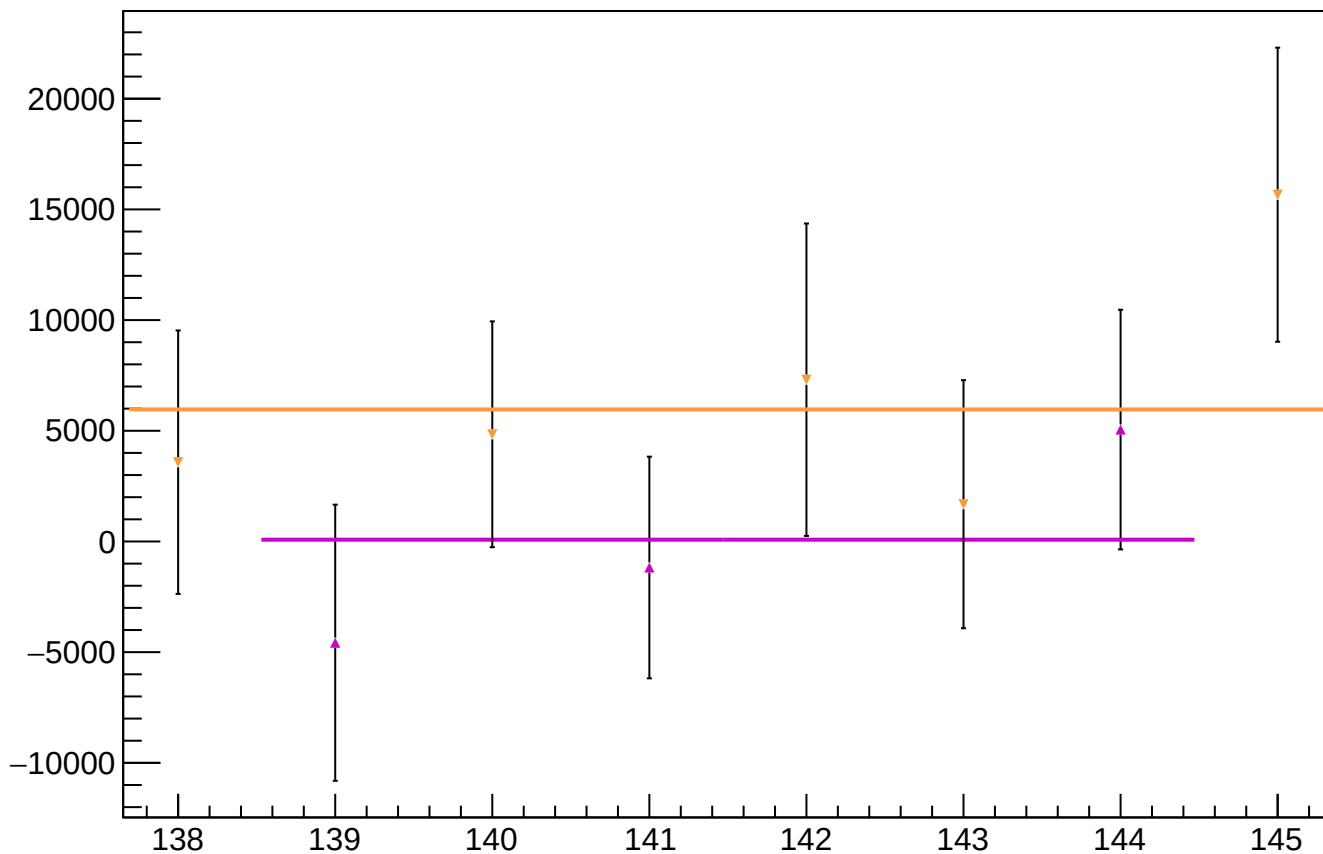
Left In: 2129.460+/-0.954 χ^2/NDF : 4039.0/2

2069.553+/-0.470 χ^2/NDF : 656166.7/21

2060.891+/-0.335 χ^2/NDF : 1267642.7/44

2051.916+/-0.478 χ^2/NDF : 610783.2/22

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5964.310+/-2660.485 χ^2/NDF : 3.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

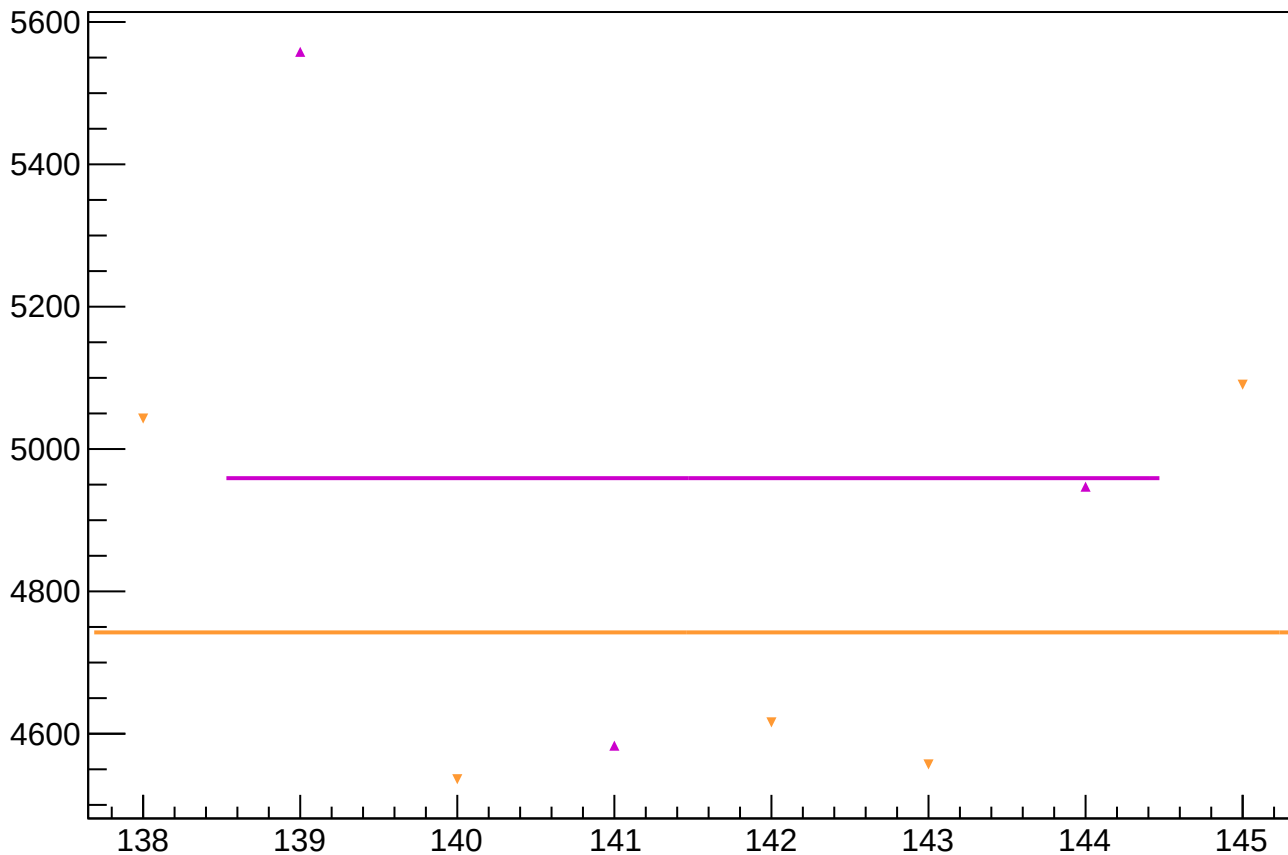
Left In: 80.726+/-3166.400 χ^2/NDF : 1.5/2

5964.310+/-2660.485 χ^2/NDF : 3.0/4

3529.533+/-2036.922 χ^2/NDF : 6.4/7

80.726+/-3166.400 χ^2/NDF : 1.5/2

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4742.368+/-1.881 χ^2/NDF :16696.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

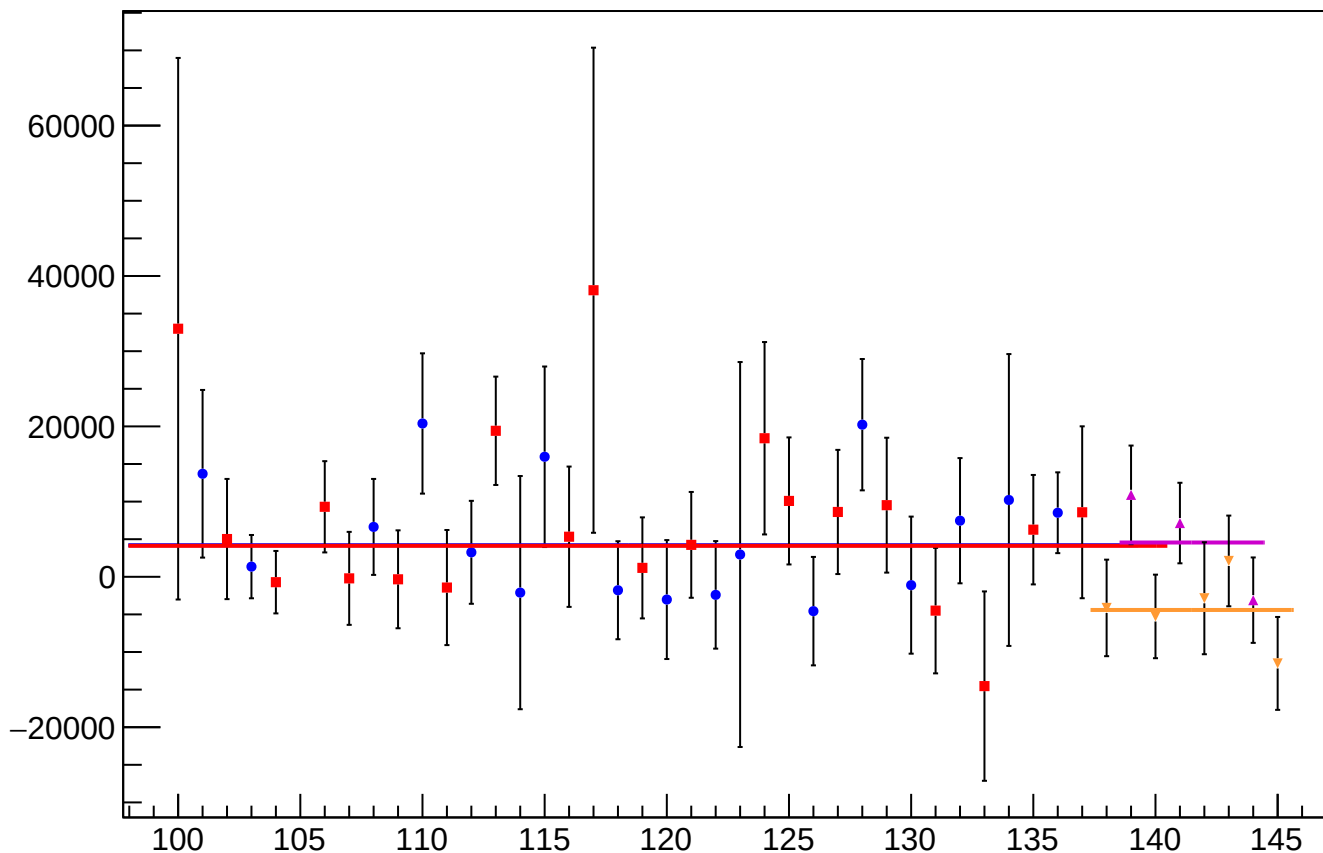
Left In: 4959.066+/-2.239 χ^2/NDF :29732.7/2

4742.368+/-1.881 χ^2/NDF : 16696.8/4

4832.043+/-1.440 χ^2/NDF : 51920.3/7

4959.066+/-2.239 χ^2/NDF : 29732.7/2

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4198.770 $\pm$ 1857.803 χ^2 /NDF: 14.1/16

Left Out: -4409.436 $\pm$ 2790.382 χ^2 /NDF: 2.6/4

Right Out: 4120.914 $\pm$ 1722.725 χ^2 /NDF: 16.0/19

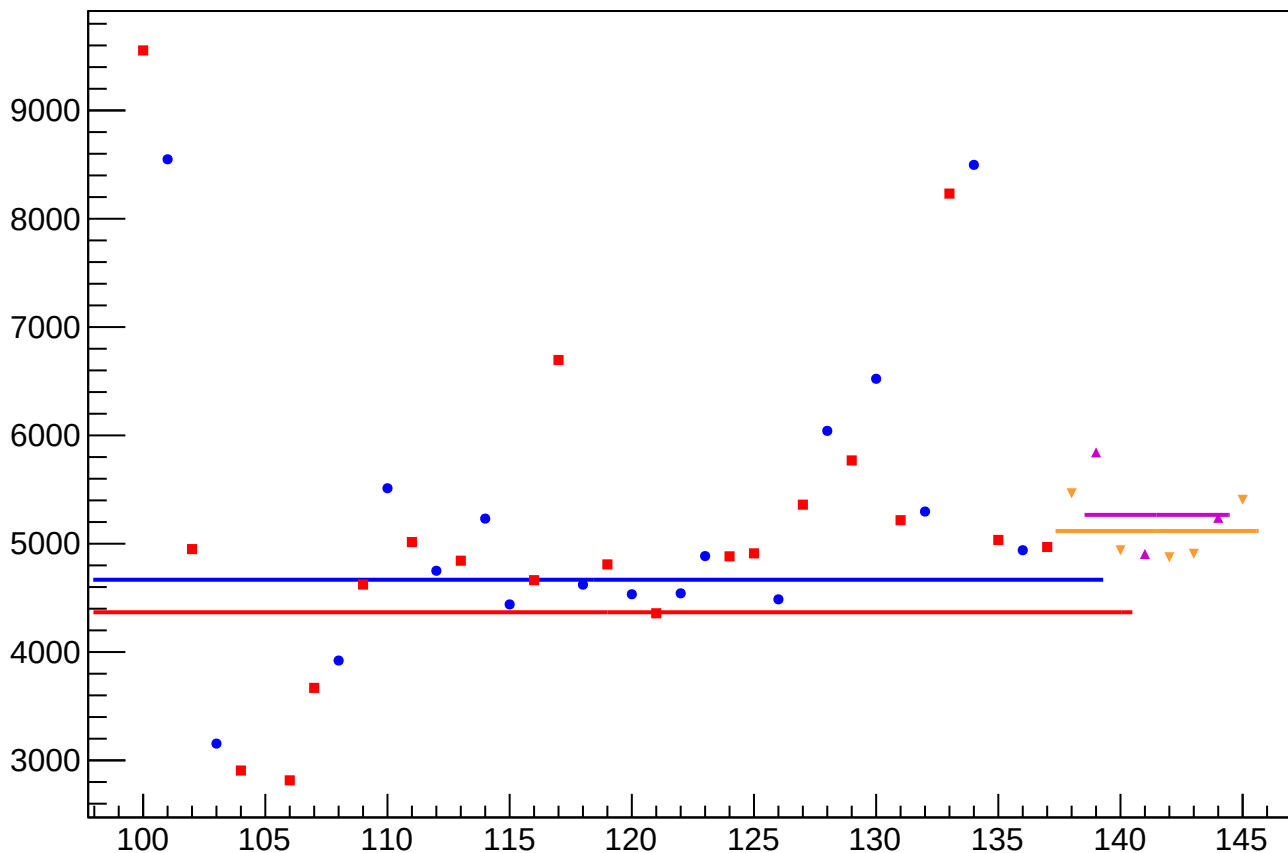
Left In: 4560.175 $\pm$ 3349.152 χ^2 /NDF: 3.0/2

1554.926 $\pm$ 1546.412 χ^2 /NDF: 23.3/21

2896.366 $\pm$ 1088.326 χ^2 /NDF: 43.7/44

4212.819 $\pm$ 1531.942 χ^2 /NDF: 19.0/22

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4667.470 +/- 1.314 χ^2/NDF : 777857.9/16

Left Out: 5117.687 +/- 1.973 χ^2/NDF : 16835.6/4

Right Out: 4367.168 +/- 1.211 χ^2/NDF : 843201.8/19

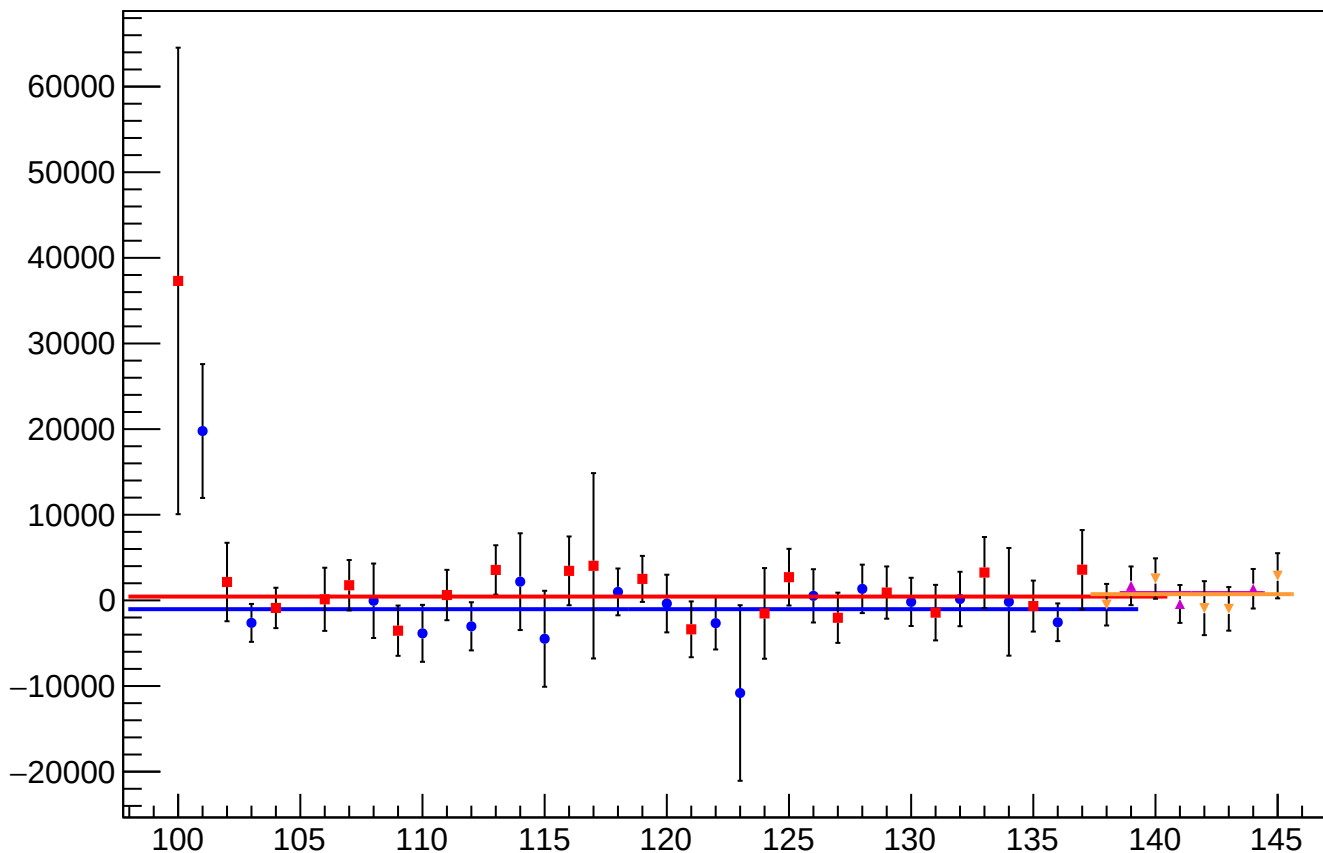
Left In: 5266.402 +/- 2.368 χ^2/NDF : 24628.8/2

4805.746 +/- 1.093 χ^2/NDF : 830767.8/21

4677.911 +/- 0.768 χ^2/NDF : 1839844.7/44

4553.599 +/- 1.078 χ^2/NDF : 982119.2/22

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1027.051 ± 796.597 χ^2/NDF : 13.1/16

Left Out: 725.749 ± 1156.292 χ^2/NDF : 2.2/4

Right Out: 446.244 ± 758.944 χ^2/NDF : 10.9/19

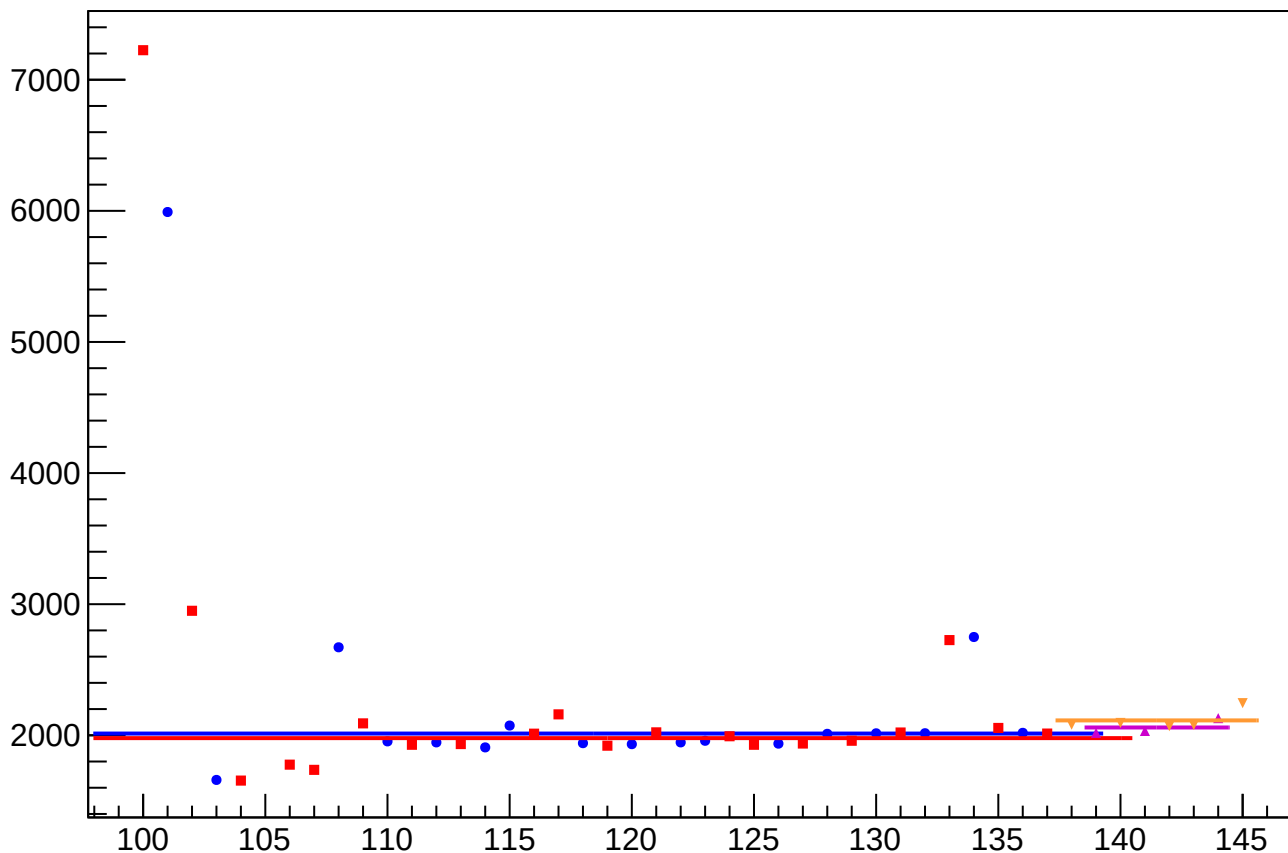
Left In: 856.089 ± 1304.766 χ^2/NDF : 0.5/2

-462.900 ± 655.993 χ^2/NDF : 16.9/21

43.446 ± 463.871 χ^2/NDF : 29.5/44

549.855 ± 656.034 χ^2/NDF : 11.5/22

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2013.270+/-0.563 χ^2/NDF : 650048.6/16

Left Out: 2113.575+/-0.818 χ^2/NDF :6255.1/4

Right Out: 1978.439 ± 0.536 χ^2/NDF : 295463.2/19

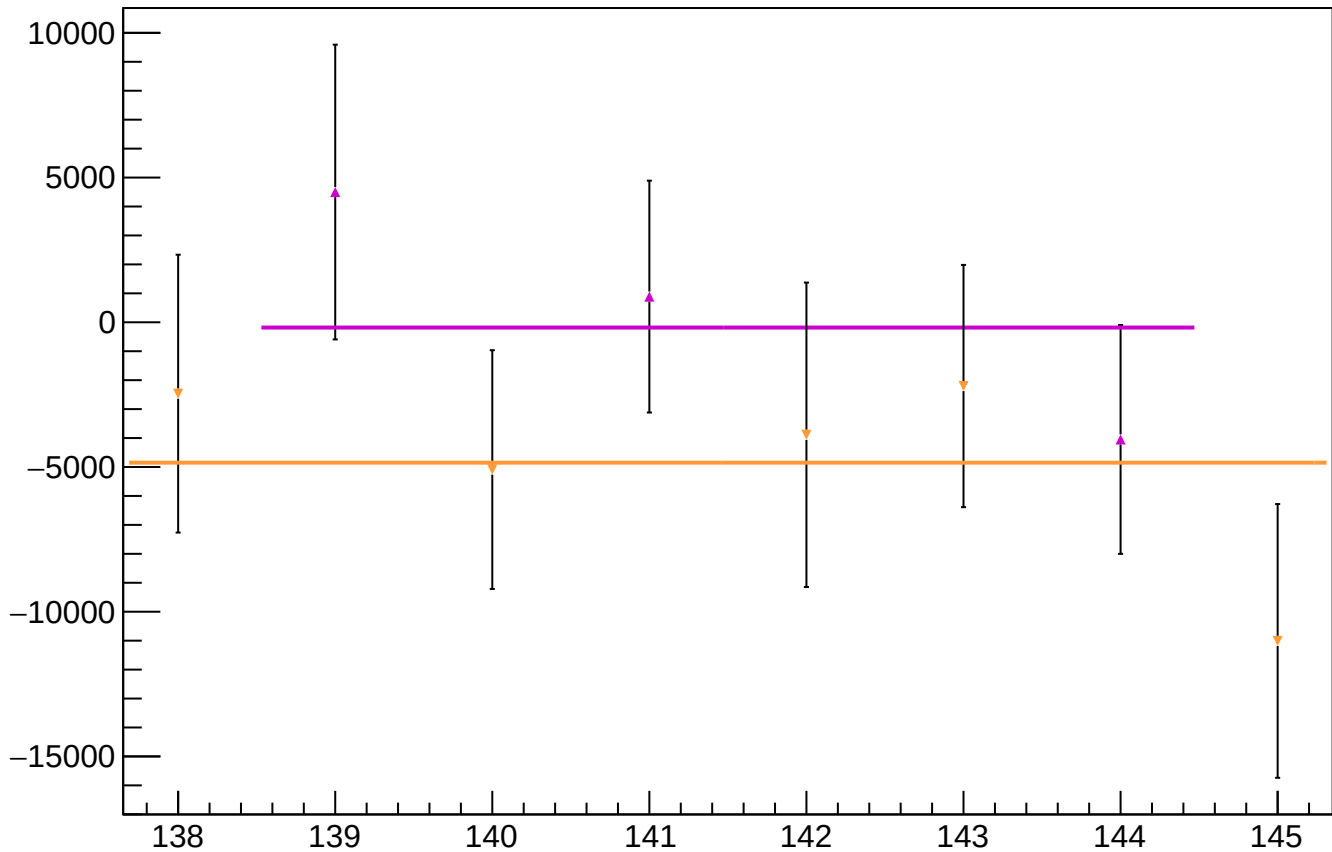
Left In: 2059.569+/-0.923 χ^2/NDF :2850.8/2

2045.554+/-0.464 χ^2/NDF : 666509.8/21

2022.218 $\pm$ 0.328 χ^2 /NDF: 975662.8/44

1998.916+/-0.464 χ^2/NDF : 304094.9/22

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4850.221+/-2040.610 χ^2/NDF : 2.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

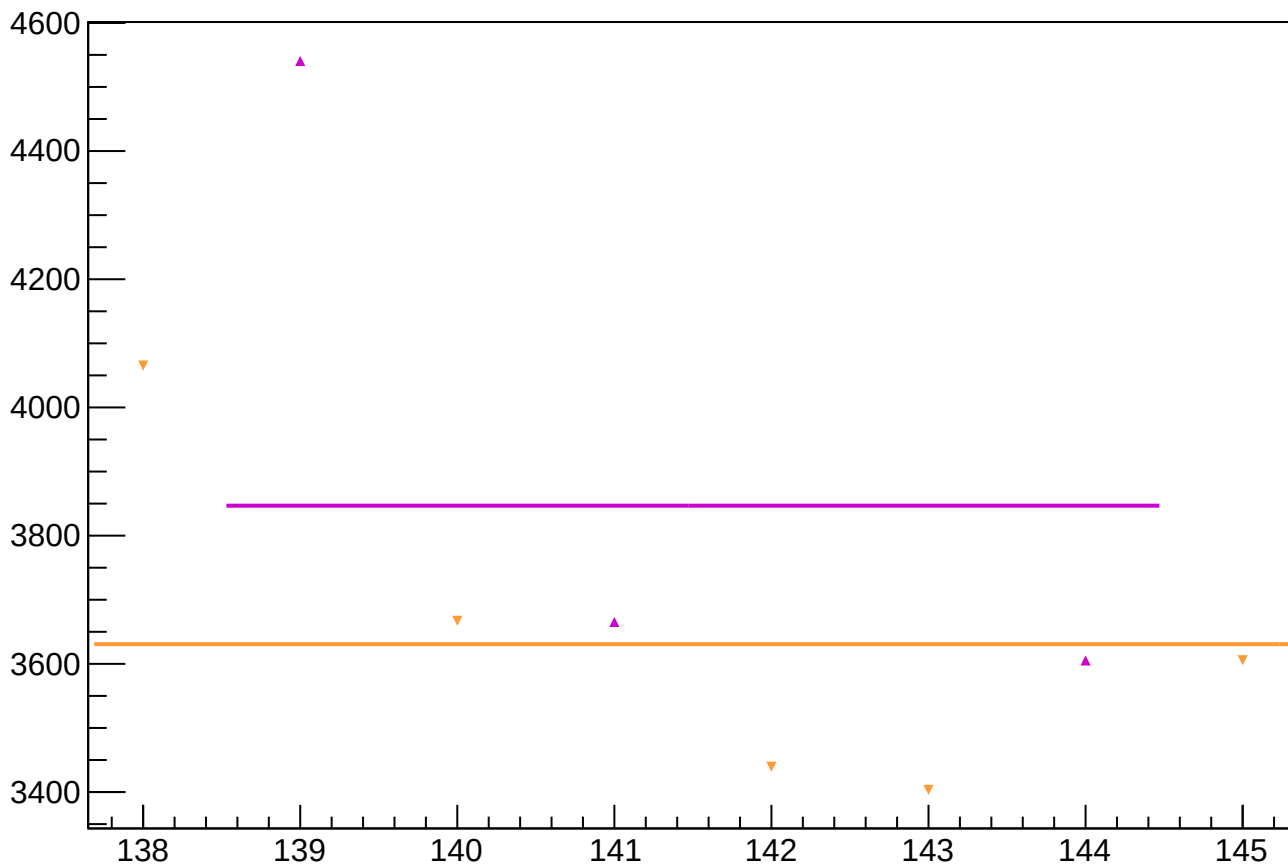
Left In: -182.291+/-2462.614 χ^2/NDF : 1.9/2

-4850.221+/-2040.610 χ^2/NDF : 2.4/4

-2949.886+/-1571.264 χ^2/NDF : 6.4/7

-182.291+/-2462.614 χ^2/NDF : 1.9/2

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3630.687+/-1.443 χ^2/NDF : 25153.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

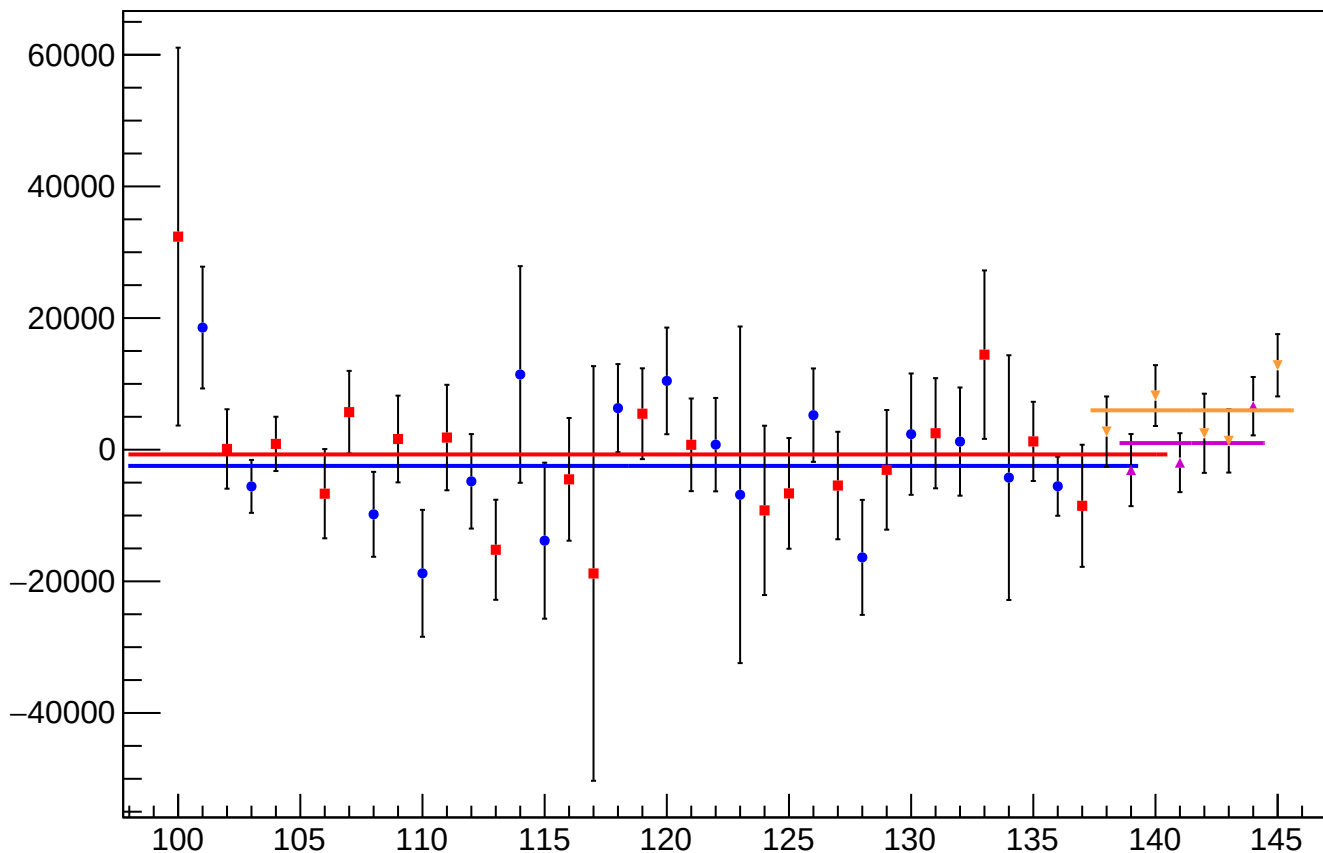
Left In: 3846.771+/-1.741 χ^2/NDF : 48688.1/2

3630.687+/-1.443 χ^2/NDF : 25153.1/4

3718.656+/-1.111 χ^2/NDF : 82971.0/7

3846.771+/-1.741 χ^2/NDF : 48688.1/2

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2462.254 $\pm$ 1797.293 χ^2 /NDF: 20.8/16

Left Out: 5981.272 $\pm$ 2250.414 χ^2 /NDF: 4.0/4

Right Out: -718.204 $\pm$ 1687.386 χ^2 /NDF: 12.2/19

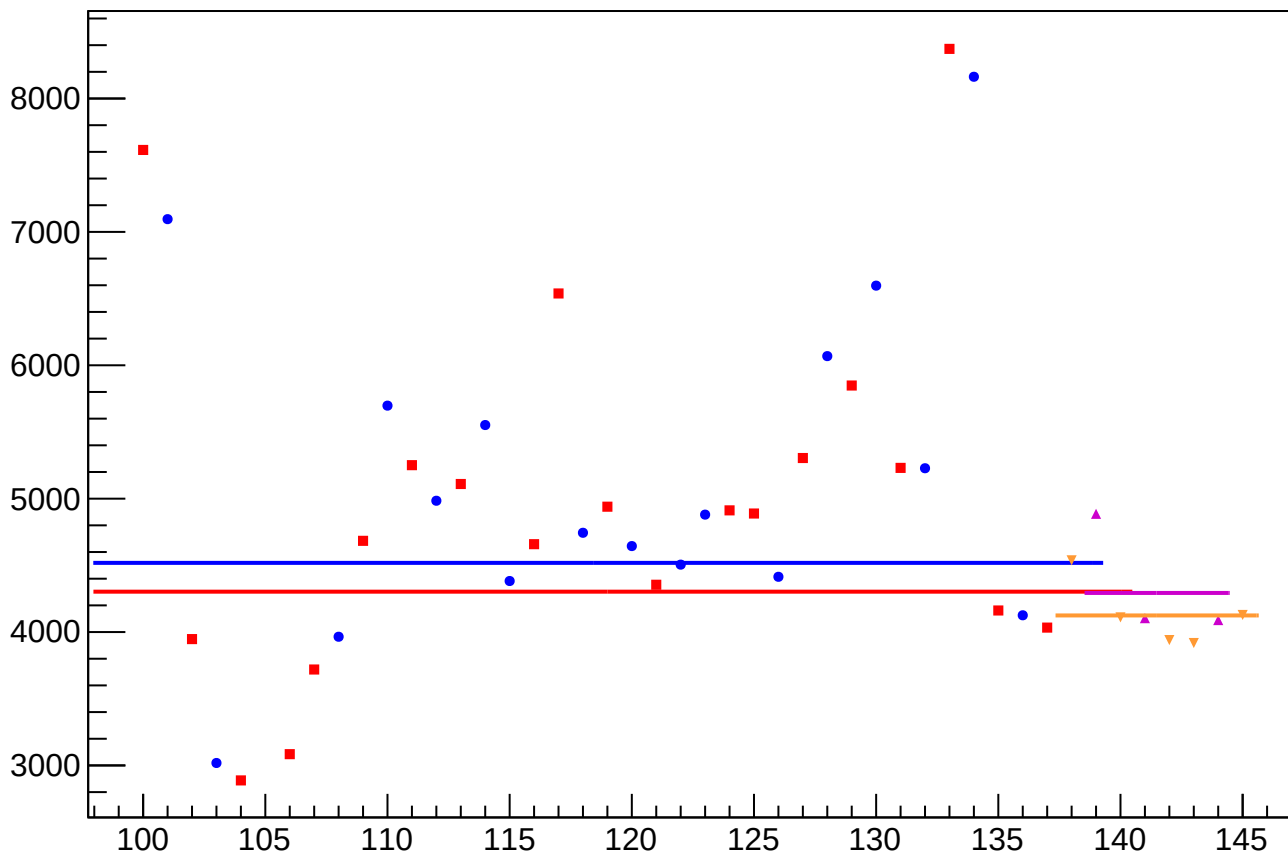
Left In: 1005.224 $\pm$ 2731.093 χ^2 /NDF: 2.6/2

825.996 $\pm$ 1404.374 χ^2 /NDF: 33.4/21

303.666 $\pm$ 1003.866 χ^2 /NDF: 48.8/44

-242.074 $\pm$ 1435.499 χ^2 /NDF: 15.1/22

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4518.684+/-1.271 χ^2/NDF : 770226.9/16

Left Out: 4124.534+/-1.591 χ^2/NDF : 17622.1/4

Right Out: 4302.741+/-1.187 χ^2/NDF : 781804.7/19

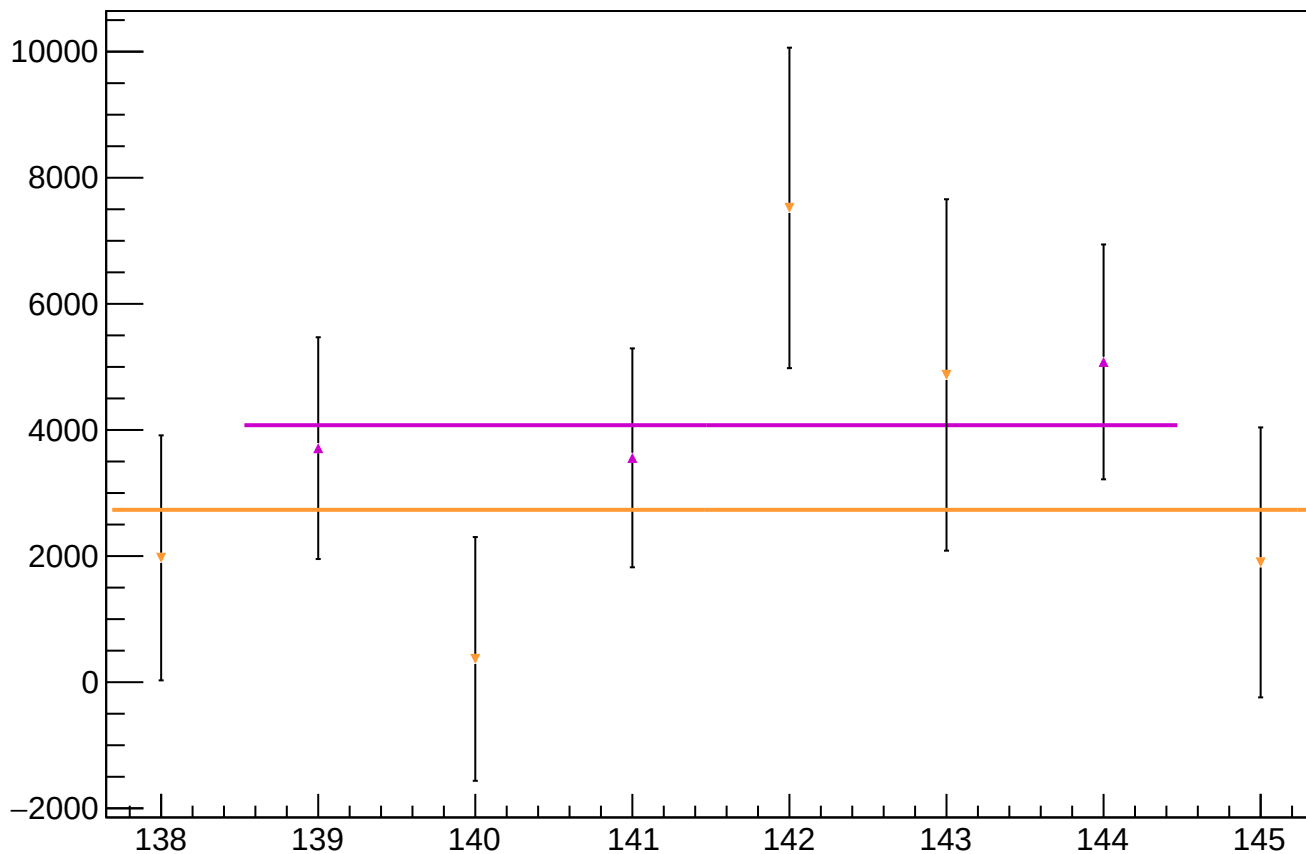
Left In: 4293.197+/-1.931 χ^2/NDF : 31248.5/2

4365.186+/-0.993 χ^2/NDF : 825308.0/21

4333.238+/-0.708 χ^2/NDF : 1640486.7/44

4300.125+/-1.011 χ^2/NDF : 813070.9/22

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2733.684+/-983.210 χ^2/NDF : 5.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

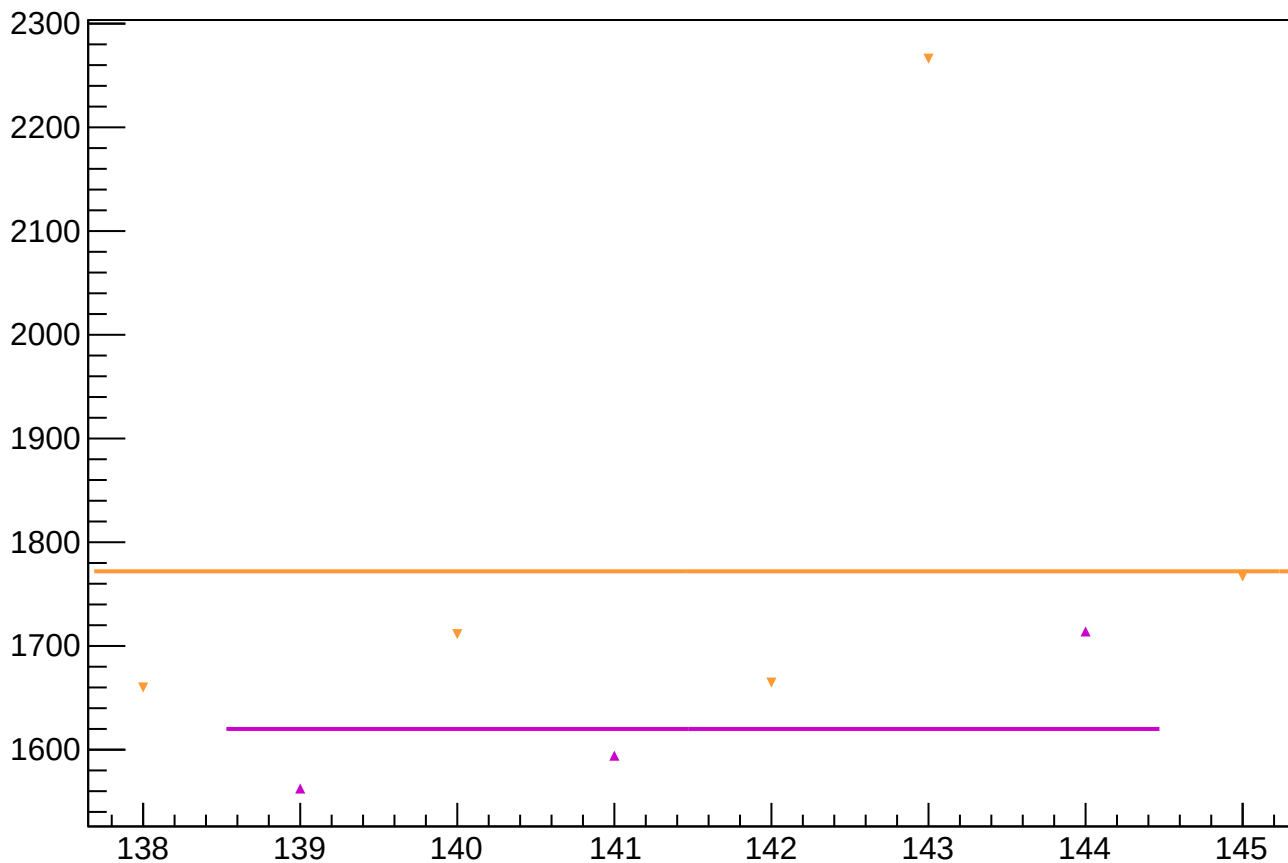
Left In: 4075.712+/-1029.508 χ^2/NDF : 0.4/2

2733.684+/-983.210 χ^2/NDF : 5.9/4

3373.844+/-711.039 χ^2/NDF : 7.3/7

4075.712+/-1029.508 χ^2/NDF : 0.4/2

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1772.008+/-0.695 χ^2/NDF : 75095.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

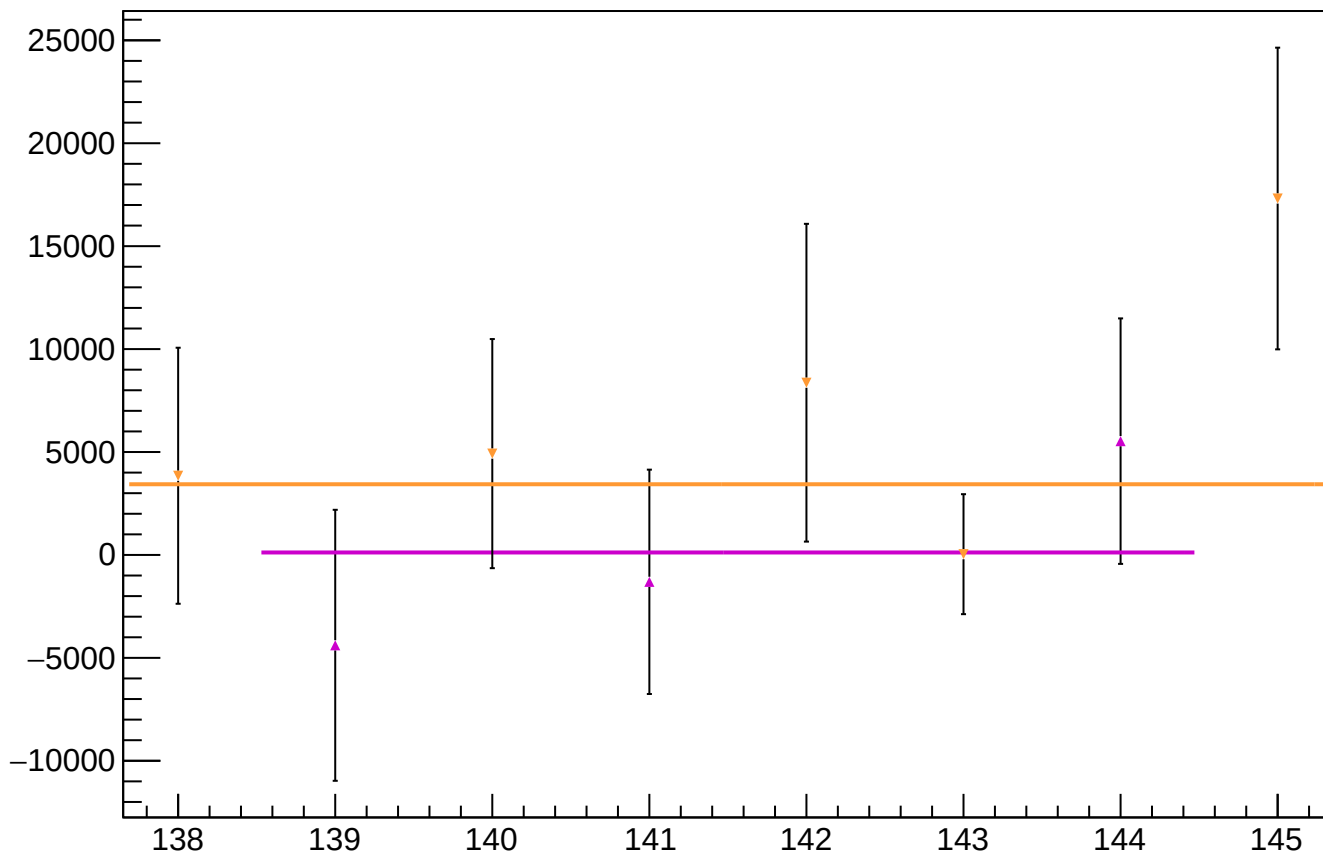
Left In: 1619.995+/-0.728 χ^2/NDF : 7671.3/2

1772.008+/-0.695 χ^2/NDF : 75095.4/4

1699.497+/-0.503 χ^2/NDF : 105571.6/7

1619.995+/-0.728 χ^2/NDF : 7671.3/2

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 3434.093 $\pm$ 2175.407 χ^2 /NDF:5.4/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

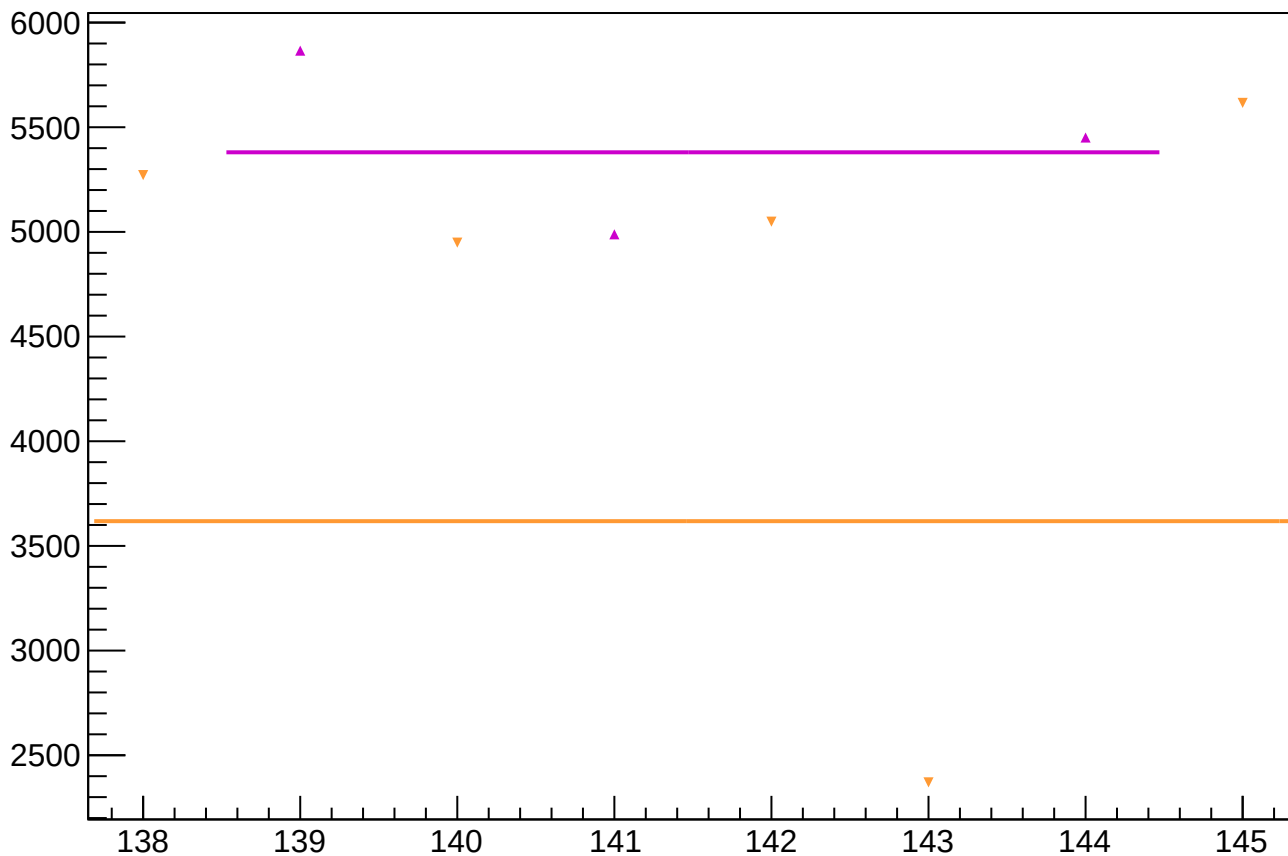
Left In: 119.854 $\pm$ 3432.299 χ^2 /NDF:1.4/2

3434.093 $\pm$ 2175.407 χ^2 /NDF: 5.4/4

2484.283 $\pm$ 1837.434 χ^2 /NDF: 7.5/7

119.854 $\pm$ 3432.299 χ^2 /NDF: 1.4/2

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3618.216+/-1.538 χ^2/NDF : 839718.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

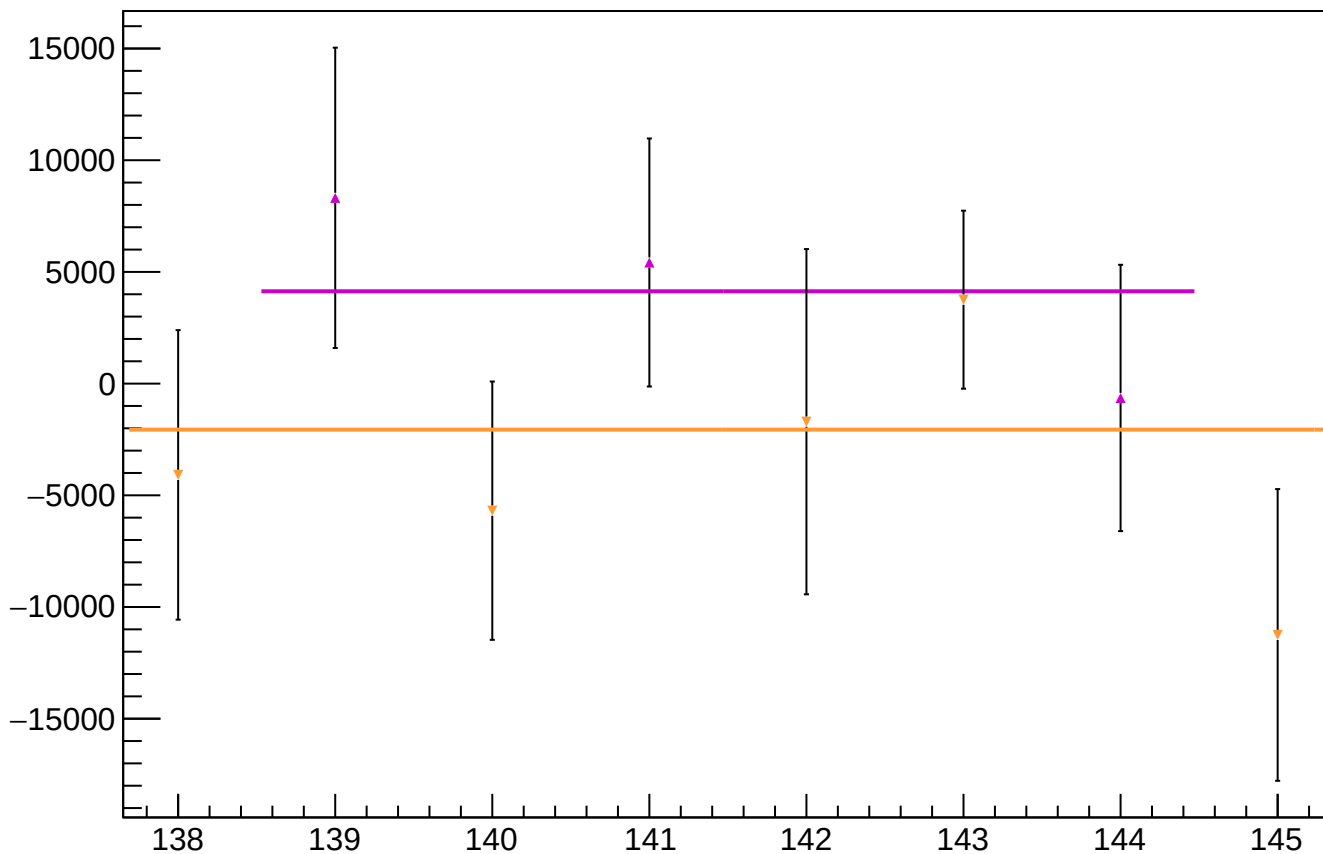
Left In: 5380.252+/-2.427 χ^2/NDF : 21504.0/2

3618.216+/-1.538 χ^2/NDF : 839718.5/4

4123.189+/-1.299 χ^2/NDF : 1237260.4/7

5380.252+/-2.427 χ^2/NDF : 21504.0/2

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2060.118+/-2524.422 χ^2/NDF : 4.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

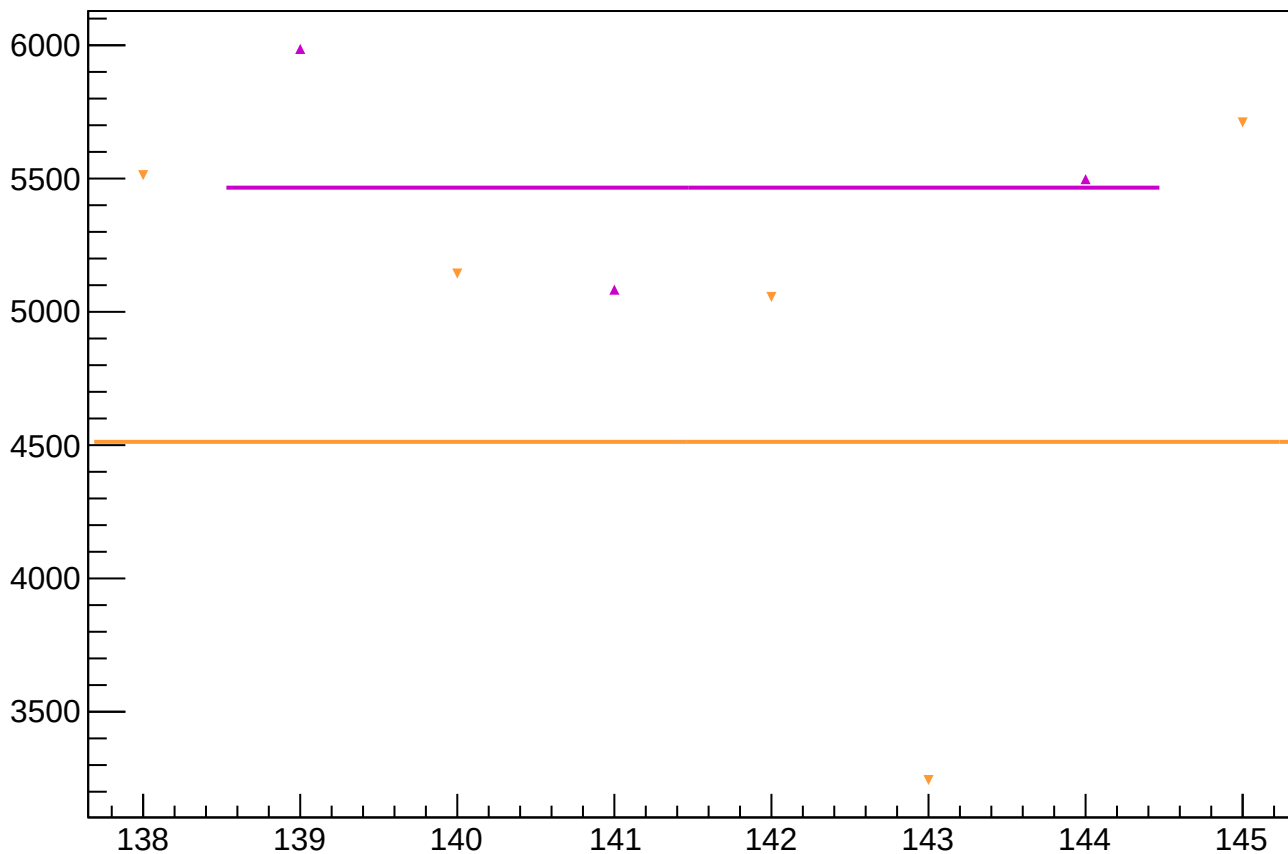
Left In: 4133.177+/-3477.103 χ^2/NDF : 1.1/2

-2060.118+/-2524.422 χ^2/NDF : 4.6/4

77.571+/-2042.815 χ^2/NDF : 7.8/7

4133.177+/-3477.103 χ^2/NDF : 1.1/2

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4512.411+/-1.785 χ^2/NDF : 351490.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

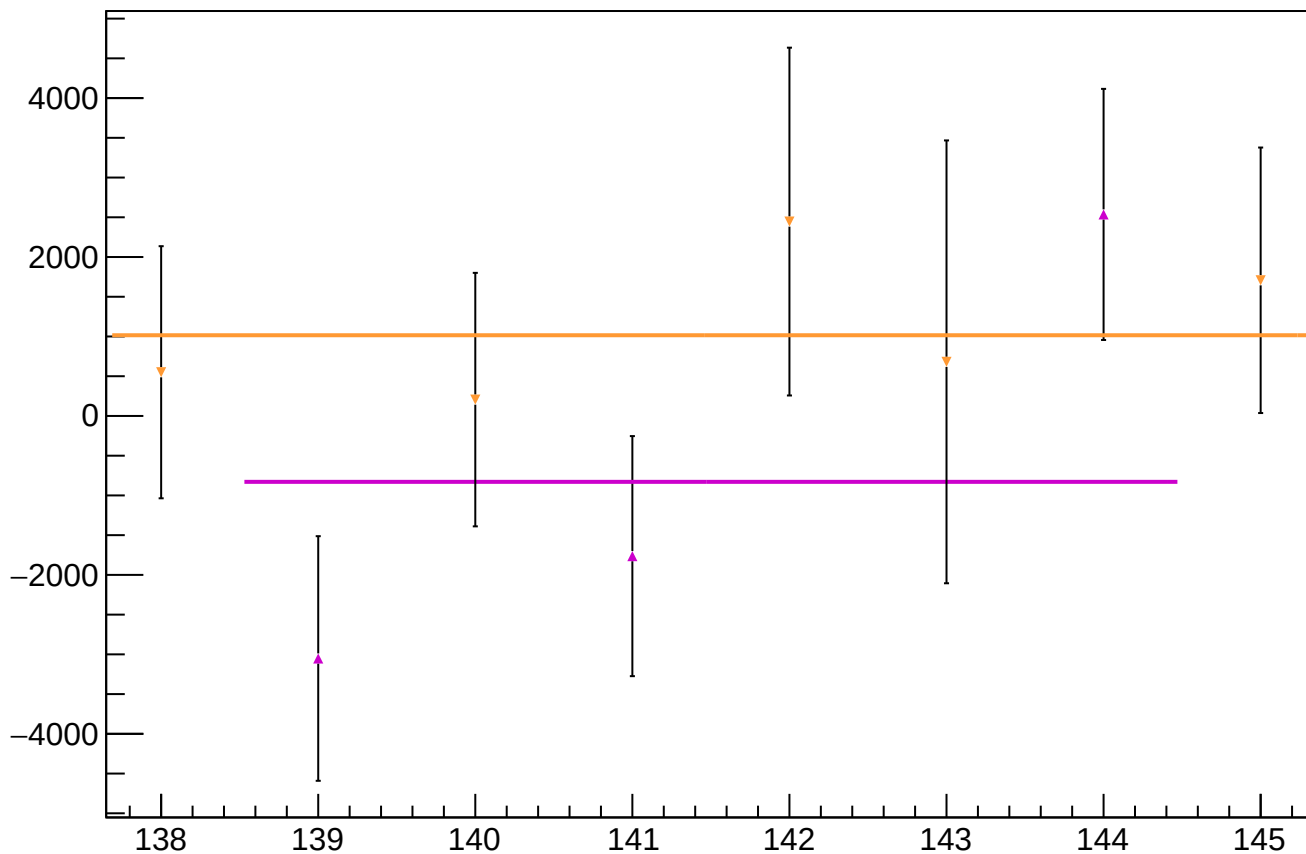
Left In: 5465.849+/-2.459 χ^2/NDF : 21537.4/2

4512.411+/-1.785 χ^2/NDF : 351490.4/4

4841.502+/-1.444 χ^2/NDF : 471500.1/7

5465.849+/-2.459 χ^2/NDF : 21537.4/2

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1015.606+/-820.199 χ^2/NDF : 1.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

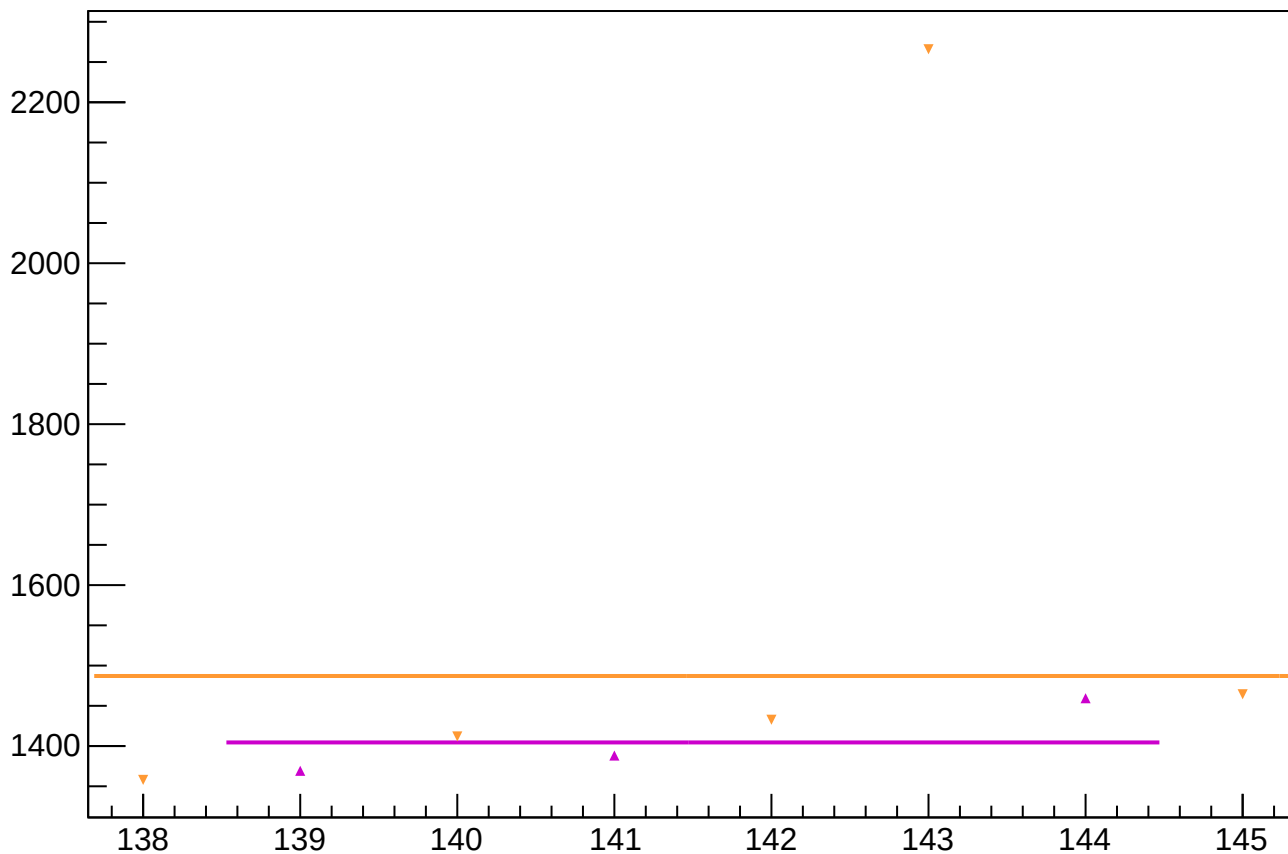
Left In: -829.098+/-890.494 χ^2/NDF : 7.0/2

1015.606+/-820.199 χ^2/NDF : 1.0/4

168.928+/-603.291 χ^2/NDF : 10.3/7

-829.098+/-890.494 χ^2/NDF : 7.0/2

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1487.057+/-0.580 χ^2/NDF : 175546.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

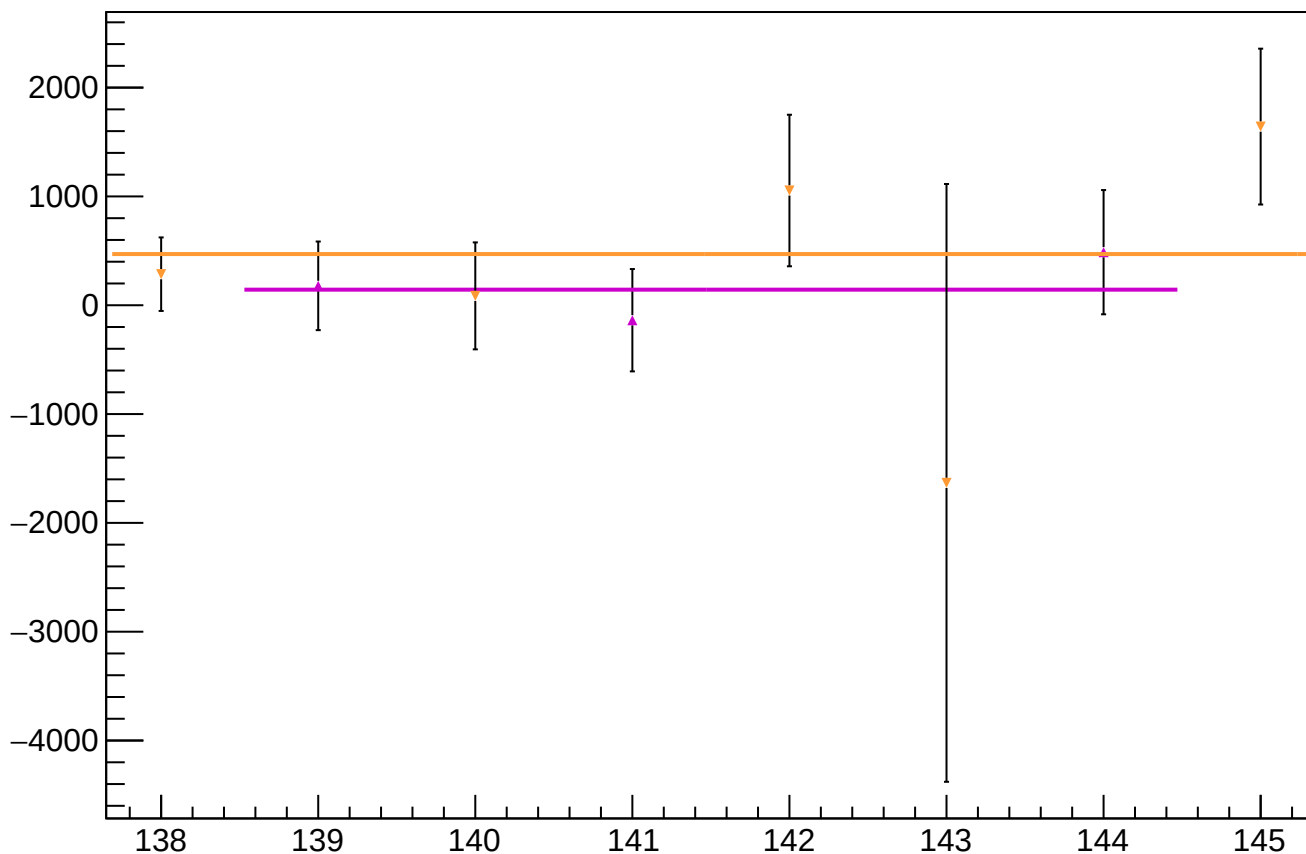
Left In: 1404.501+/-0.630 χ^2/NDF : 3699.3/2

1487.057+/-0.580 χ^2/NDF : 175546.7/4

1449.166+/-0.427 χ^2/NDF : 188546.0/7

1404.501+/-0.630 χ^2/NDF : 3699.3/2

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 470.293+/-242.201 χ^2/NDF : 4.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

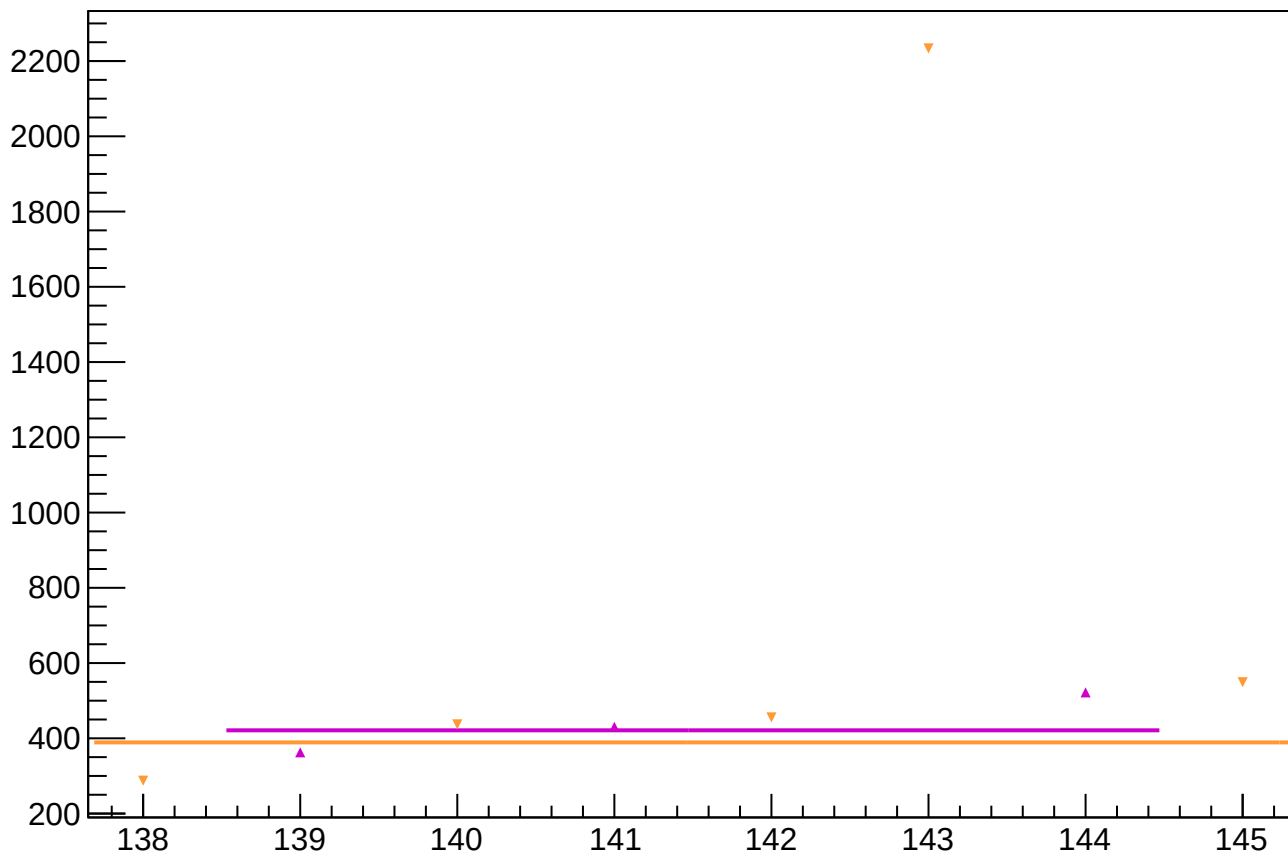
Left In: 143.141+/-270.952 χ^2/NDF : 0.7/2

470.293+/-242.201 χ^2/NDF : 4.9/4

324.989+/-180.575 χ^2/NDF : 6.4/7

143.141+/-270.952 χ^2/NDF : 0.7/2

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 389.129+/-0.171 χ^2/NDF :1220362.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

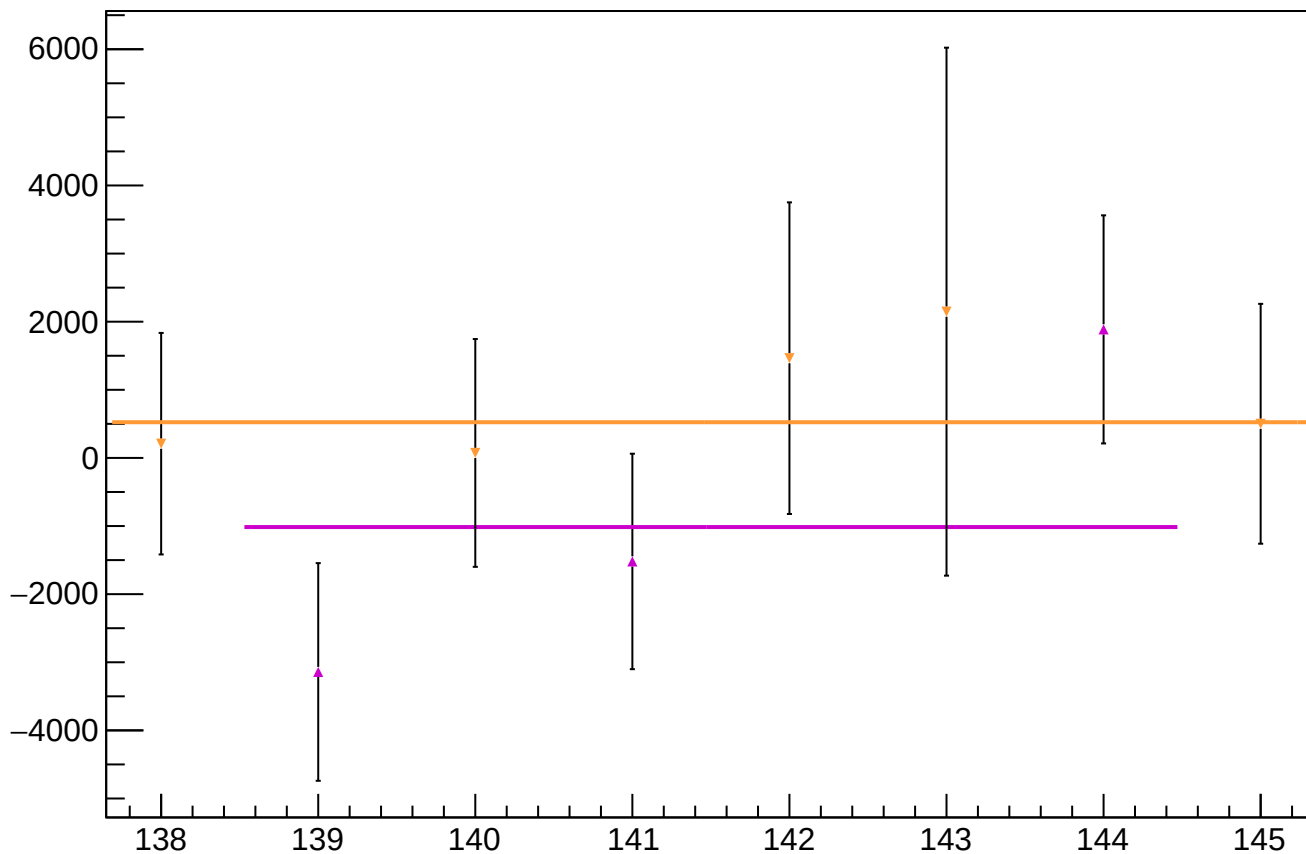
Left In: 421.242+/-0.192 χ^2/NDF :104352.4/2

389.129+/-0.171 χ^2/NDF : 1220362.9/4

403.392+/-0.128 χ^2/NDF : 1340331.2/7

421.242+/-0.192 χ^2/NDF : 104352.4/2

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 524.164+/-871.708 χ^2/NDF : 0.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

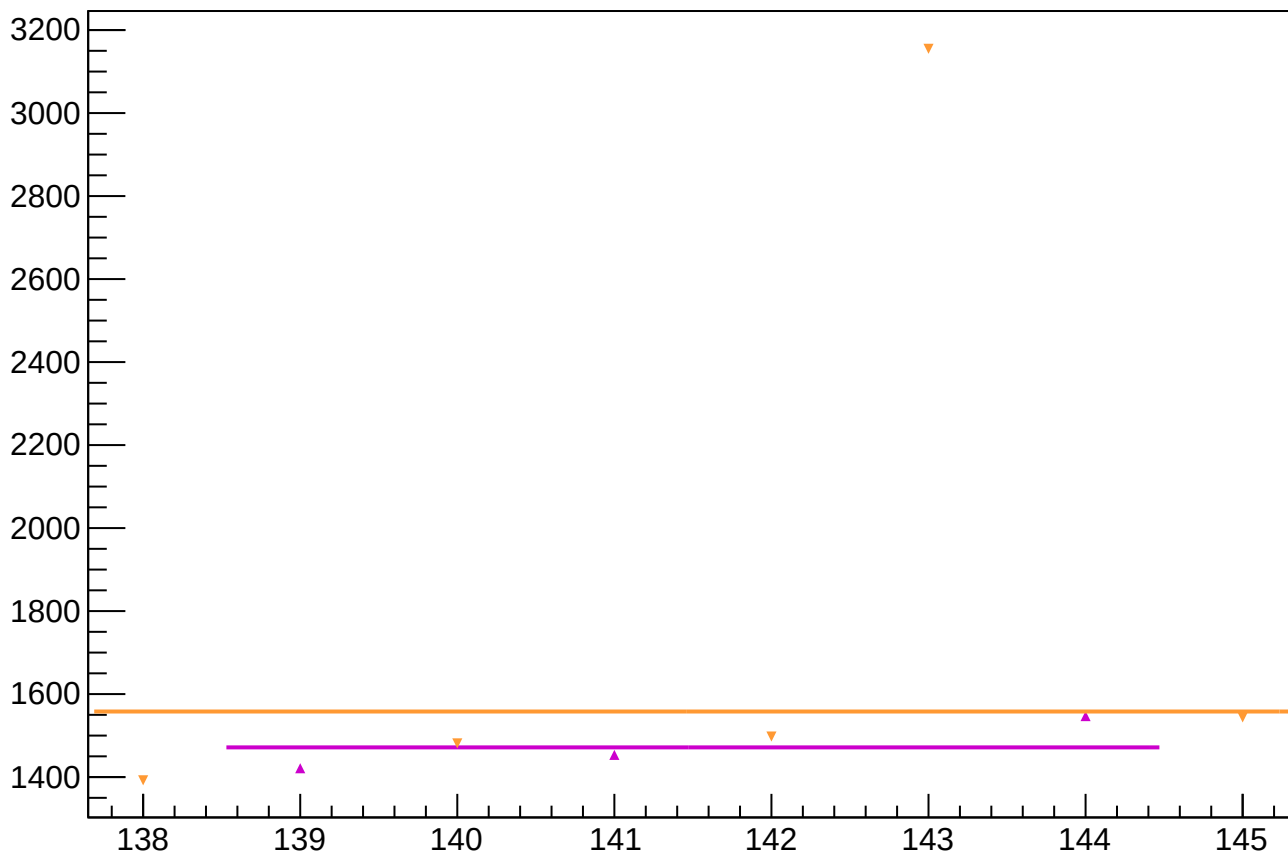
Left In: -1014.943+/-933.271 χ^2/NDF : 4.9/2

524.164+/-871.708 χ^2/NDF : 0.5/4

-192.955+/-637.044 χ^2/NDF : 6.8/7

-1014.943+/-933.271 χ^2/NDF : 4.9/2

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1558.017+/-0.616 χ^2/NDF : 366047.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

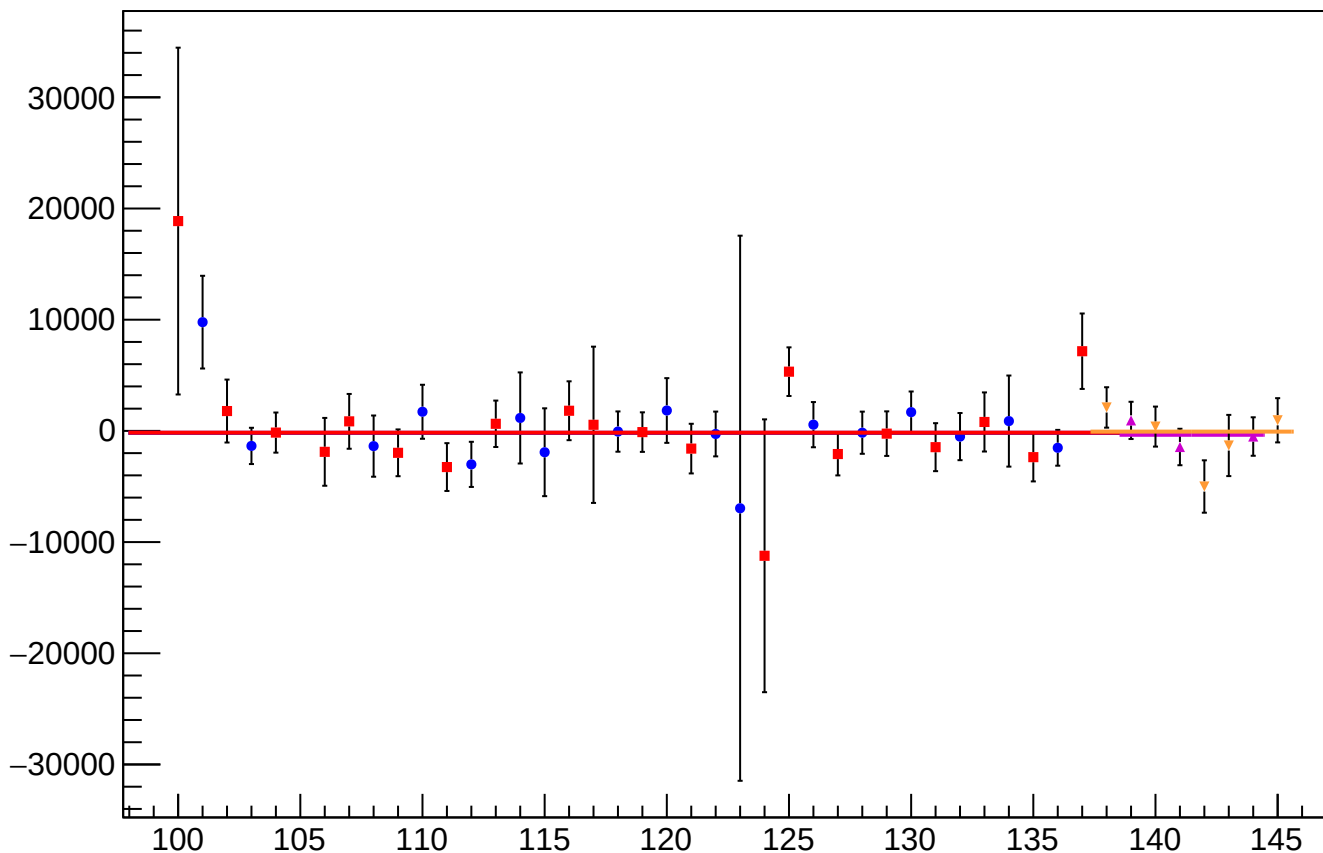
Left In: 1471.571+/-0.660 χ^2/NDF : 6292.1/2

1558.017+/-0.616 χ^2/NDF : 366047.8/4

1517.739+/-0.450 χ^2/NDF : 381504.2/7

1471.571+/-0.660 χ^2/NDF : 6292.1/2

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -174.841+/-554.659 χ^2/NDF : 11.8/16

Left Out: -64.547+/-922.006 χ^2/NDF : 6.4/4

Right Out: -160.745+/-538.513 χ^2/NDF : 20.7/19

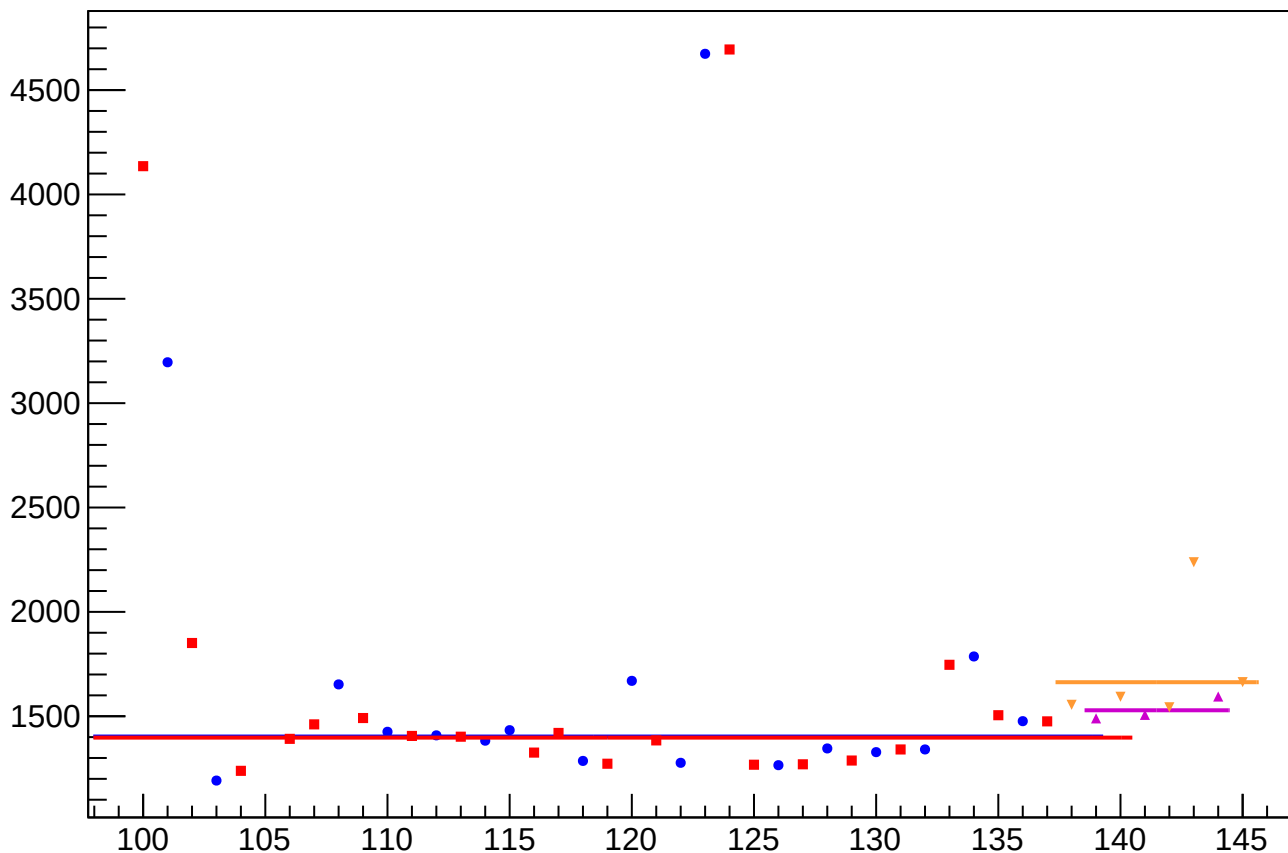
Left In: -349.802+/-970.104 χ^2/NDF : 1.1/2

-145.533+/-475.285 χ^2/NDF : 18.1/21

-175.687+/-334.492 χ^2/NDF : 39.9/44

-205.279+/-470.834 χ^2/NDF : 21.8/22

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.709+/-0.392 χ^2/NDF : 526326.4/16

Left Out: 1663.061+/-0.652 χ^2/NDF : 102528.2/4

Right Out: 1397.574+/-0.381 χ^2/NDF : 353385.9/19

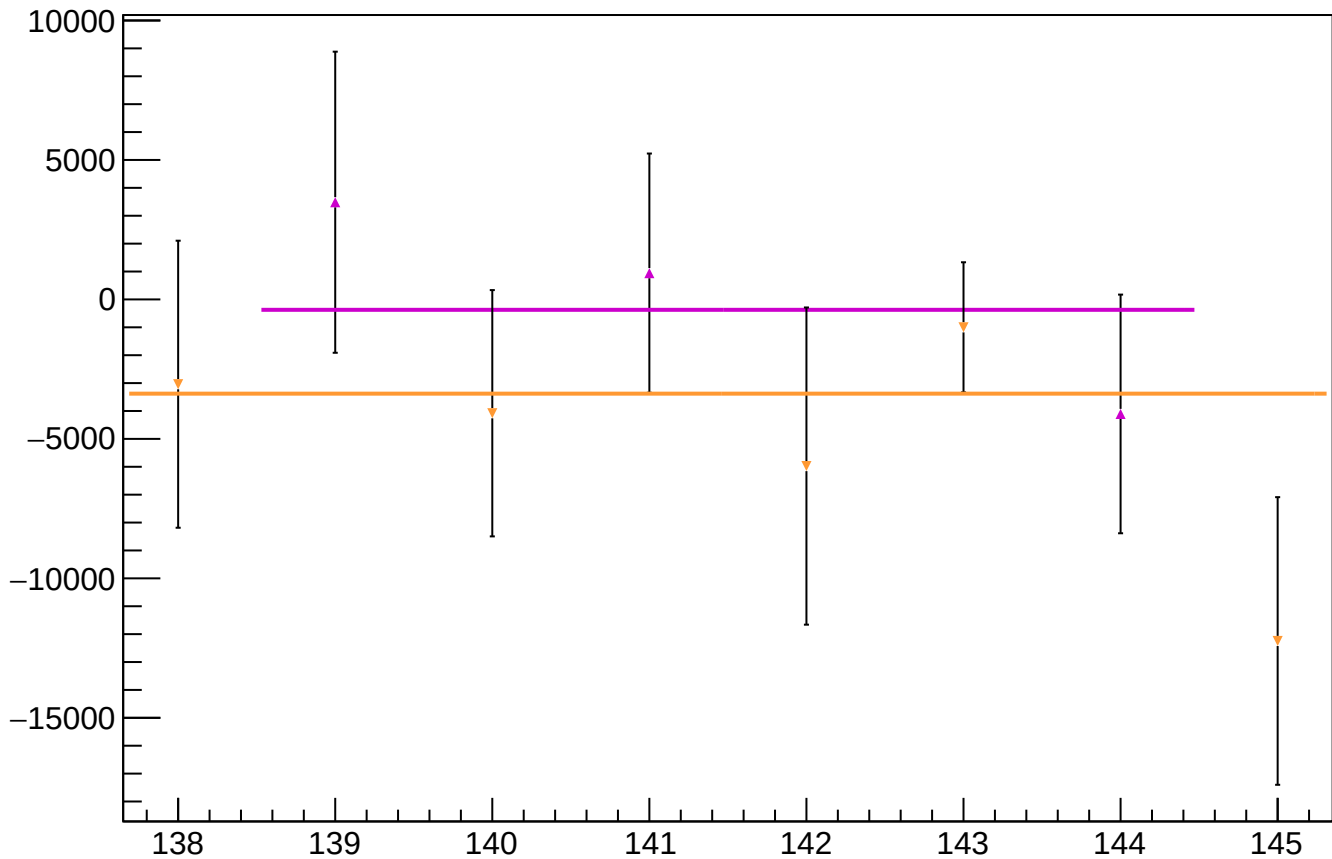
Left In: 1528.542+/-0.686 χ^2/NDF : 4334.3/2

1471.892+/-0.336 χ^2/NDF : 745950.9/21

1449.931+/-0.236 χ^2/NDF : 1140000.6/44

1428.398+/-0.333 χ^2/NDF : 385593.1/22

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -3378.316 $\pm$ 1711.355 χ^2/NDF : 4.2/4

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

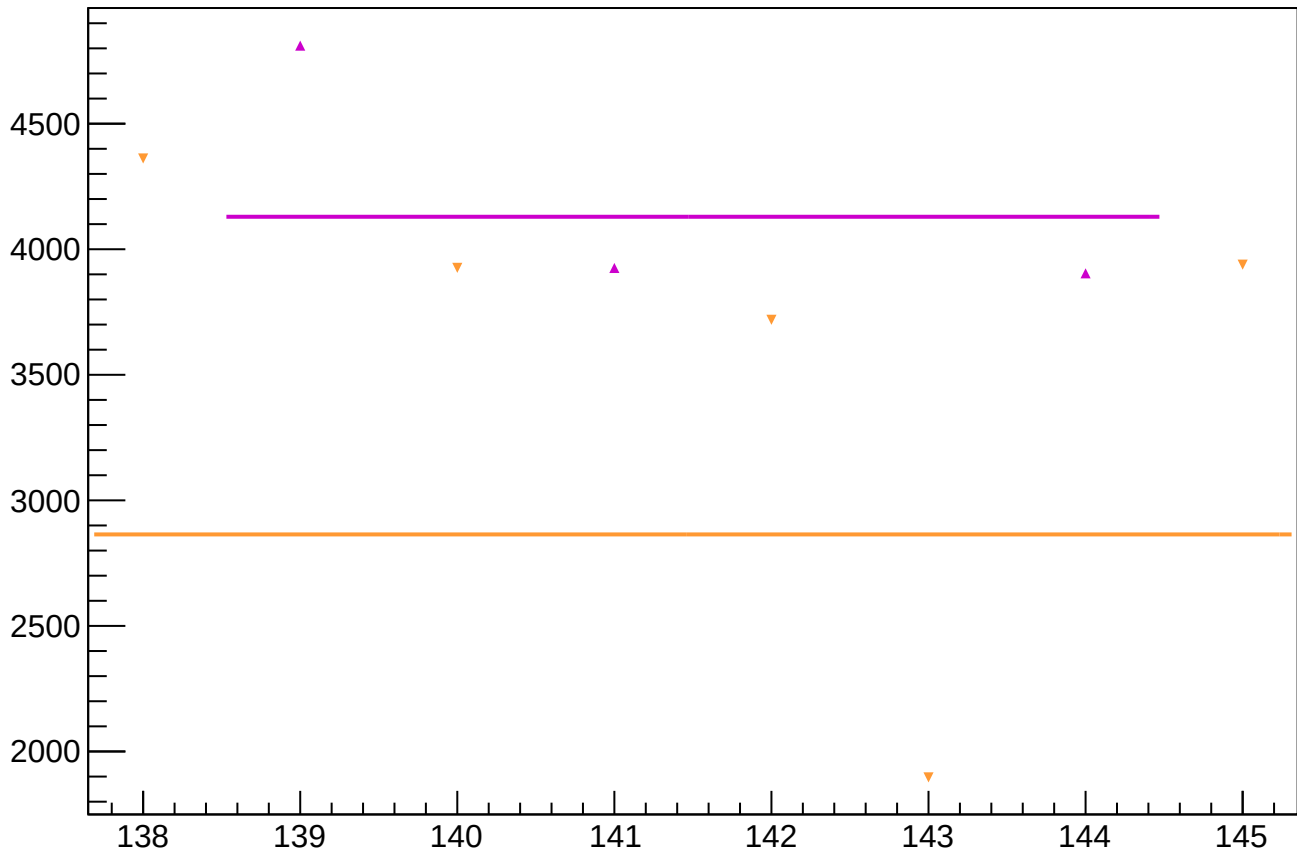
Left In: -372.862 $\pm$ 2641.272 χ^2/NDF : 1.4/2

-3378.316 $\pm$ 1711.355 χ^2/NDF : 4.2/4

-2489.660 $\pm$ 1436.233 χ^2/NDF : 6.5/7

-372.862 $\pm$ 2641.272 χ^2/NDF : 1.4/2

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2864.330+/-1.210 χ^2/NDF : 761168.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

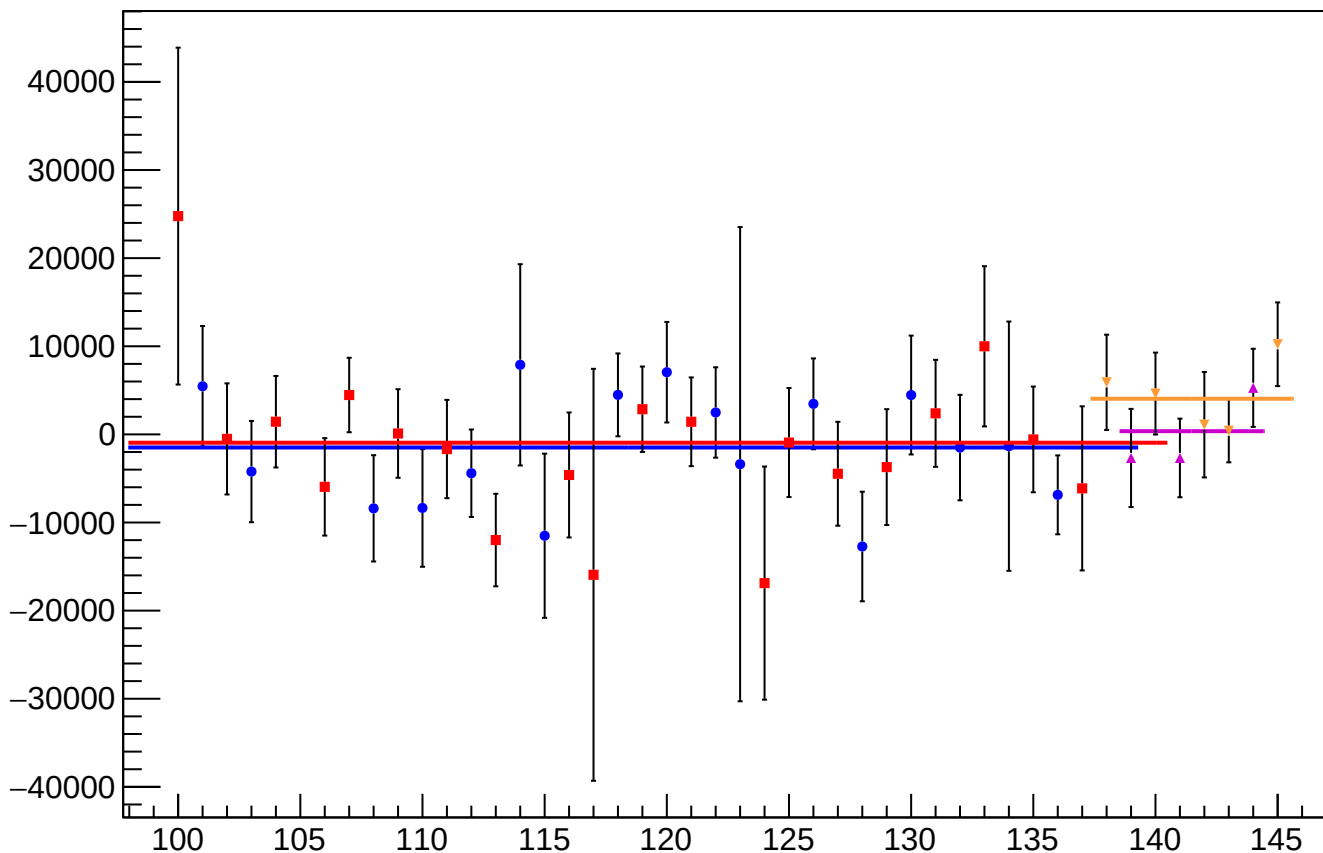
Left In: 4129.364+/-1.868 χ^2/NDF : 41949.0/2

2864.330+/-1.210 χ^2/NDF : 761168.0/4

3238.376+/-1.016 χ^2/NDF : 1126247.3/7

4129.364+/-1.868 χ^2/NDF : 41949.0/2

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1487.038 $\pm$ 1499.116 χ^2 /NDF: 16.7/16

Left Out: 4044.424 $\pm$ 2082.175 χ^2 /NDF: 3.1/4

Right Out: -946.322 $\pm$ 1376.517 χ^2 /NDF: 14.5/19

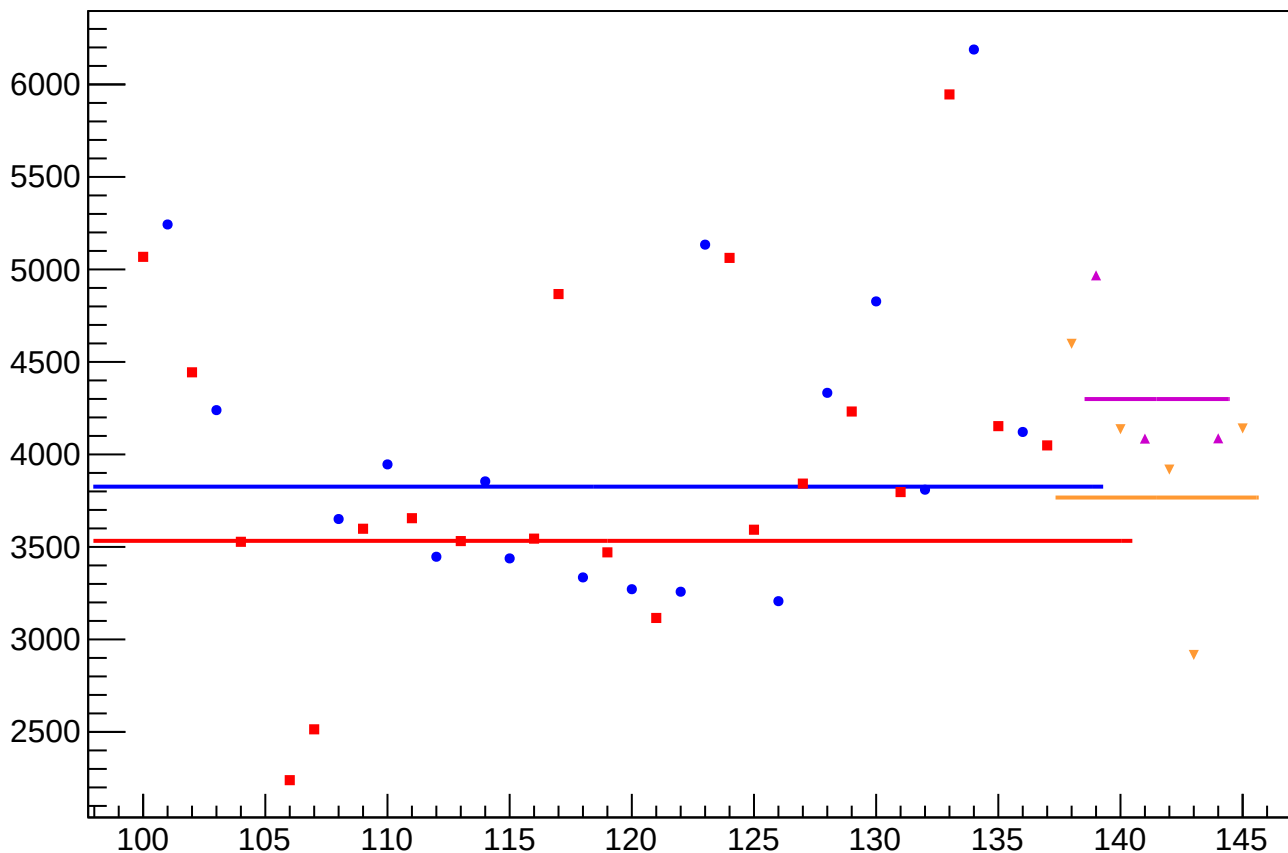
Left In: 361.372 $\pm$ 2738.294 χ^2 /NDF: 2.0/2

401.387 $\pm$ 1216.598 χ^2 /NDF: 24.4/21

-134.692 $\pm$ 864.918 χ^2 /NDF: 41.5/44

-682.529 $\pm$ 1229.867 χ^2 /NDF: 16.7/22

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3825.844+/-1.060 χ^2/NDF : 334404.3/16

Left Out: 3766.995+/-1.472 χ^2/NDF : 186382.3/4

Right Out: 3532.847+/-0.965 χ^2/NDF : 561950.7/19

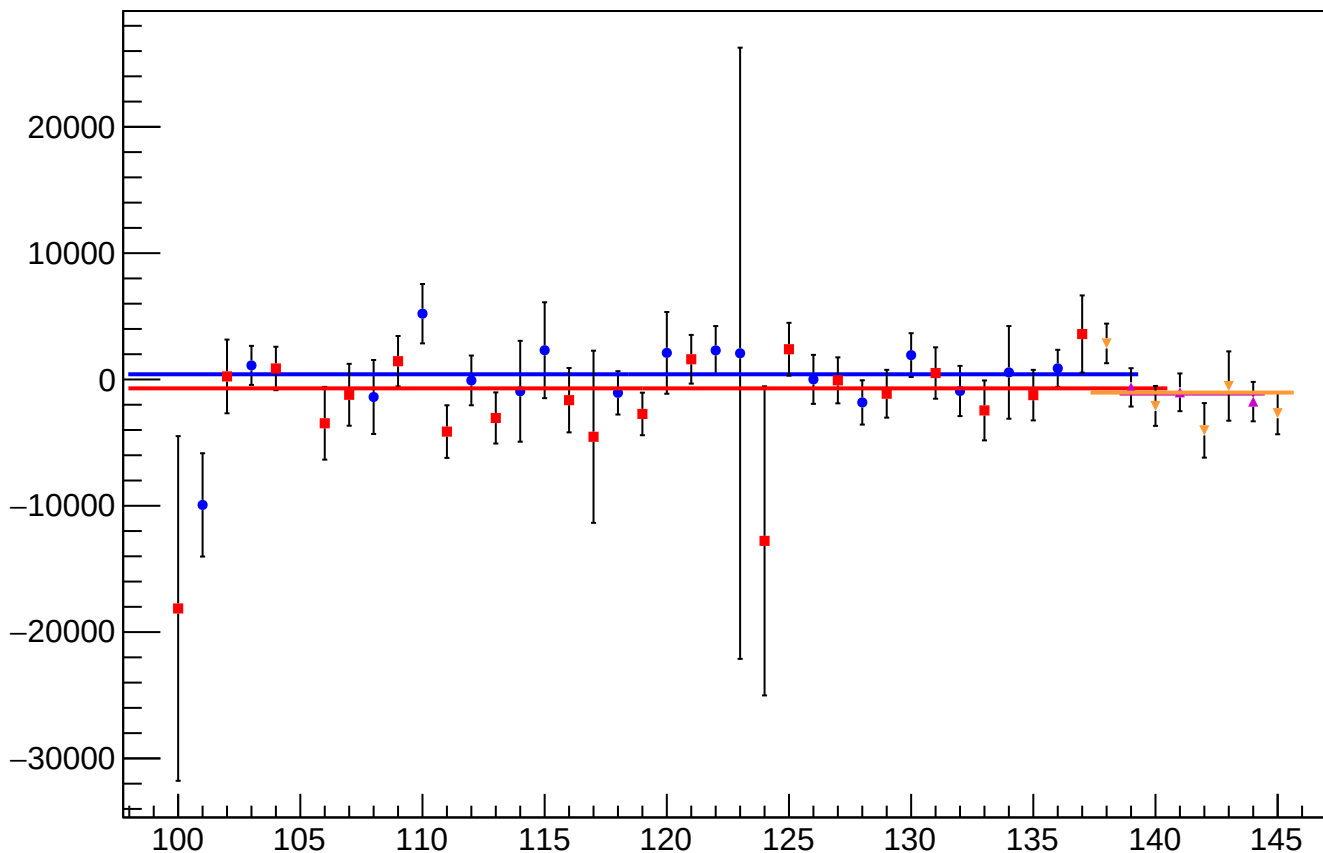
Left In: 4299.373+/-1.936 χ^2/NDF : 37979.5/2

3805.754+/-0.860 χ^2/NDF : 521838.9/21

3745.713+/-0.609 χ^2/NDF : 1257109.1/44

3685.239+/-0.863 χ^2/NDF : 725492.5/22

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 411.419 $\pm$ 527.980 χ^2 /NDF: 16.5/16

Left Out: -1038.093 $\pm$ 812.487 χ^2 /NDF:9.5/4

Right Out: -703.653 $\pm$ 508.772 χ^2 /NDF: 18.4/19

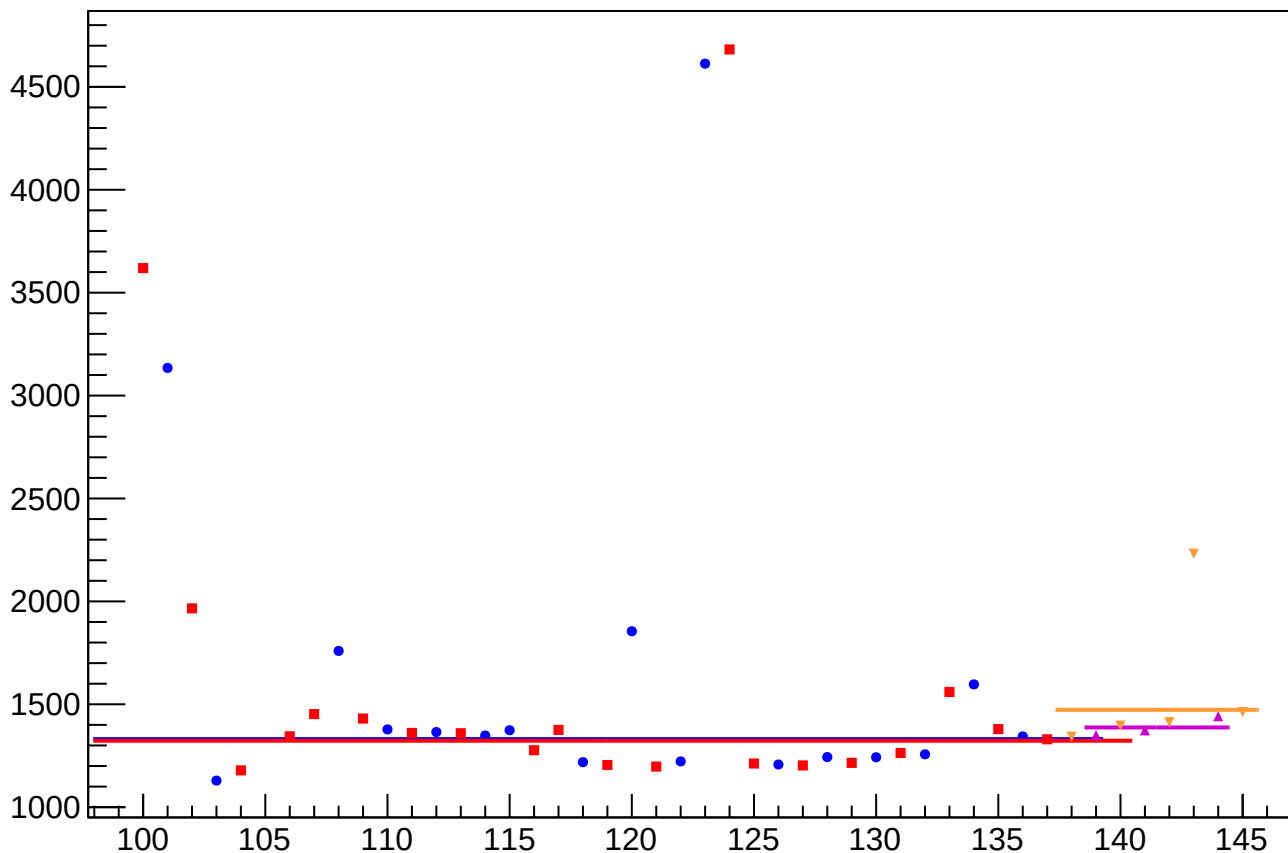
Left In: -1119.070 $\pm$ 879.629 χ^2 /NDF:0.3/2

-18.947 $\pm$ 442.716 χ^2 /NDF: 28.3/21

-415.427 $\pm$ 312.229 χ^2 /NDF: 48.7/44

-807.789 $\pm$ 440.411 χ^2 /NDF: 18.8/22

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.889 $\pm$ 0.373 χ^2 /NDF: 603474.5/16

Left Out: 1473.064 $\pm$ 0.575 χ^2 /NDF: 173008.3/4

Right Out: 1322.999 $\pm$ 0.360 χ^2 /NDF: 394532.6/19

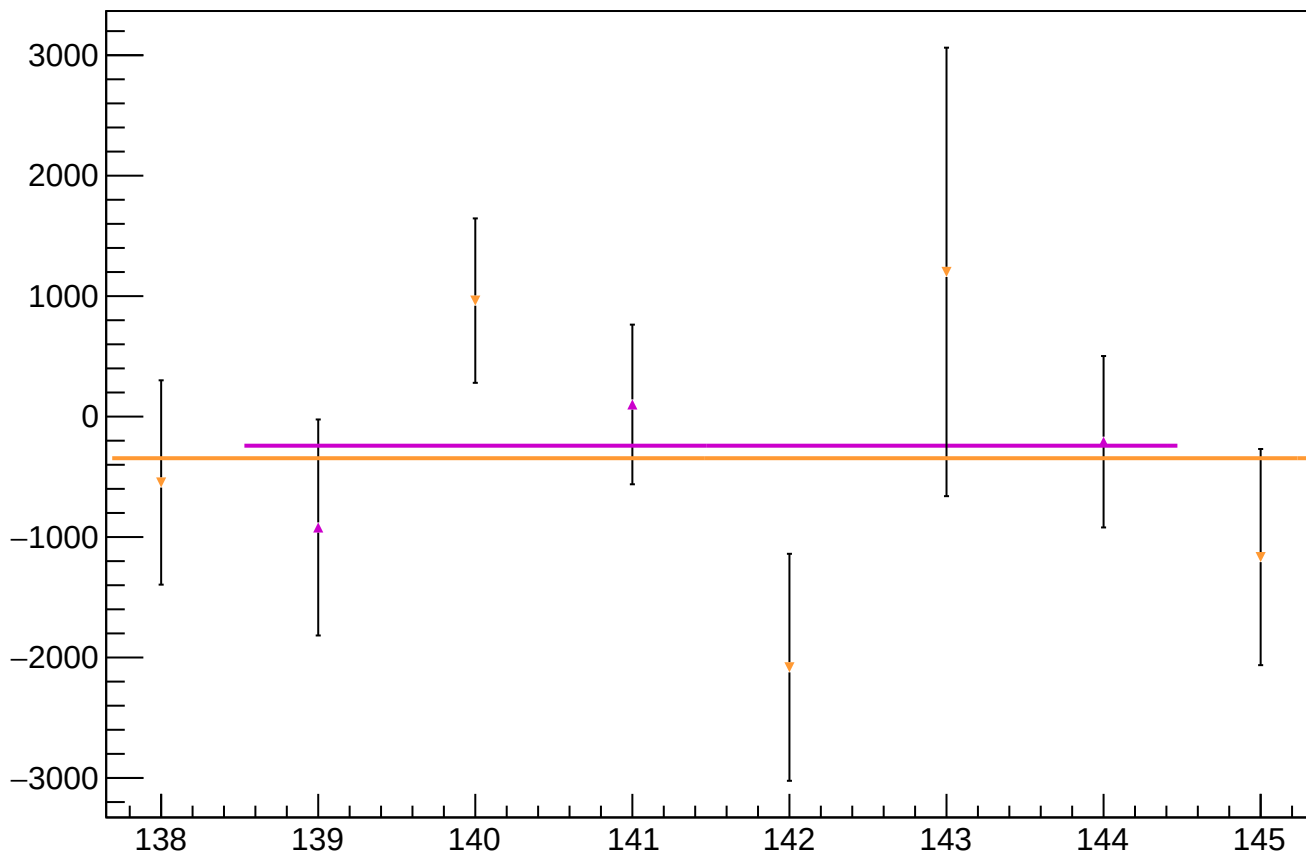
Left In: 1387.397 $\pm$ 0.622 χ^2 /NDF: 3783.9/2

1373.101 $\pm$ 0.313 χ^2 /NDF: 819540.7/21

1356.033 $\pm$ 0.221 χ^2 /NDF: 1231804.0/44

1339.142 $\pm$ 0.311 χ^2 /NDF: 406348.7/22

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -345.541+/-401.805 χ^2/NDF : 8.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

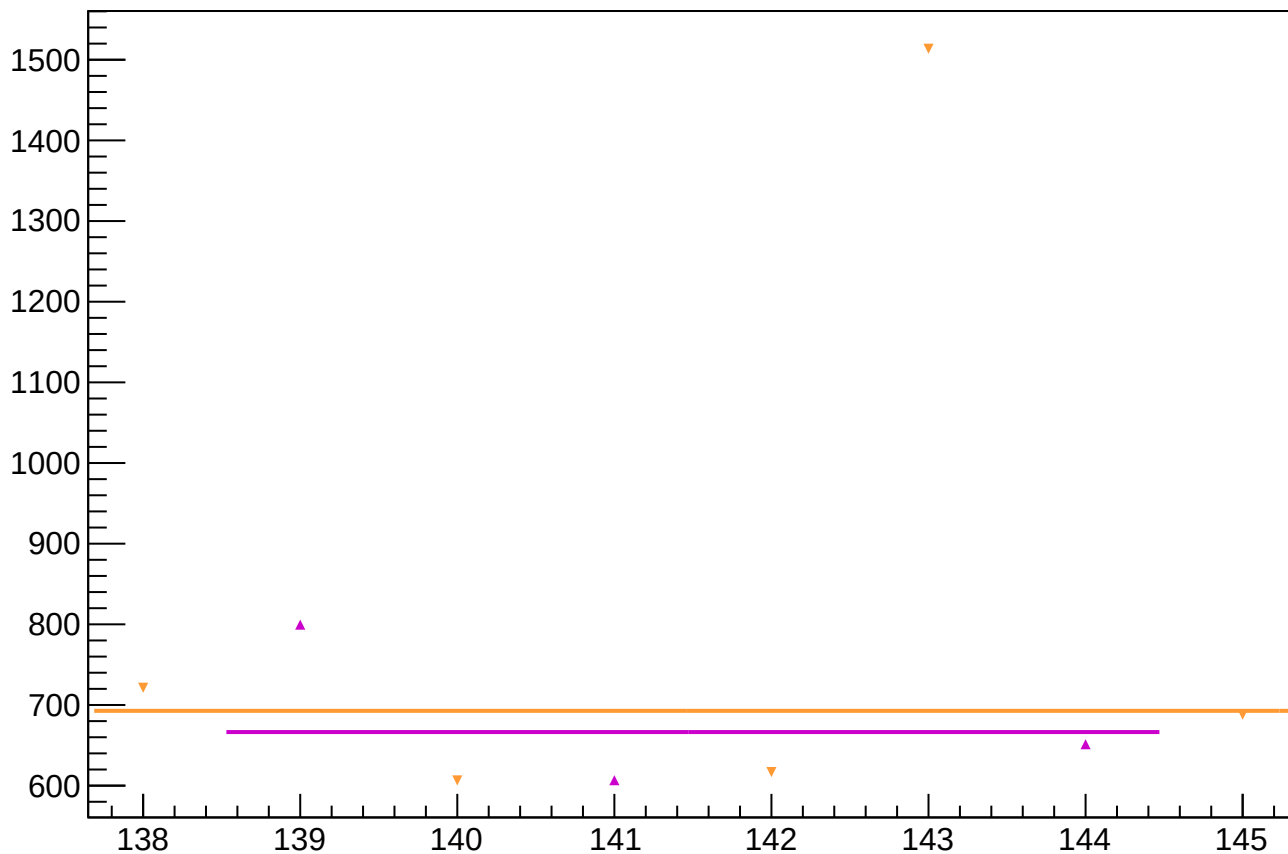
Left In: -241.645+/-426.561 χ^2/NDF : 0.8/2

-345.541+/-401.805 χ^2/NDF : 8.7/4

-296.695+/-292.479 χ^2/NDF : 9.5/7

-241.645+/-426.561 χ^2/NDF : 0.8/2

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 692.753+/-0.284 χ^2/NDF : 436171.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

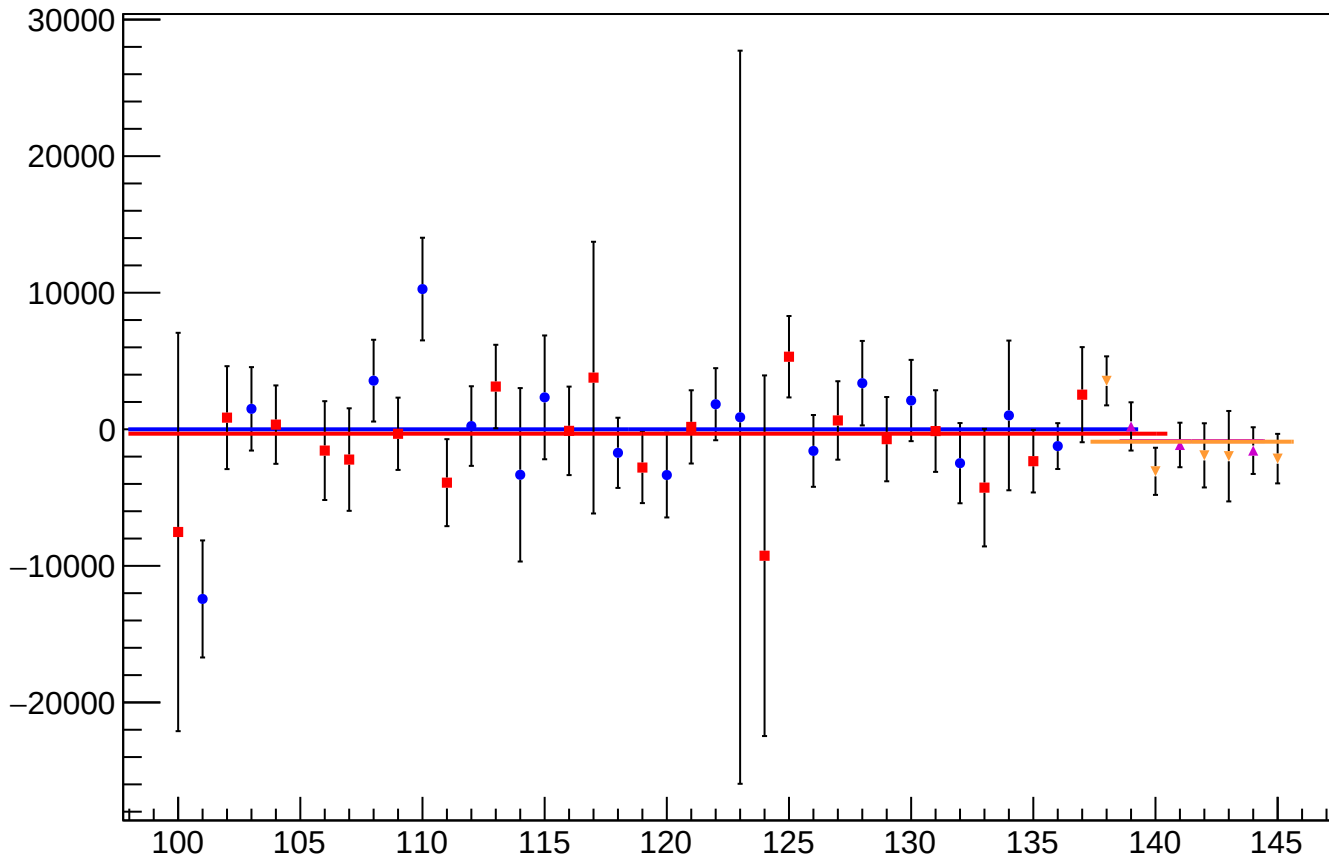
Left In: 666.433+/-0.302 χ^2/NDF : 61263.9/2

692.753+/-0.284 χ^2/NDF : 436171.6/4

680.379+/-0.207 χ^2/NDF : 501470.1/7

666.433+/-0.302 χ^2/NDF : 61263.9/2

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2.204 ± 745.061 χ^2/NDF : 23.5/16

Left Out: -908.226 ± 904.437 χ^2/NDF : 8.5/4

Right Out: -322.815 ± 731.735 χ^2/NDF : 10.9/19

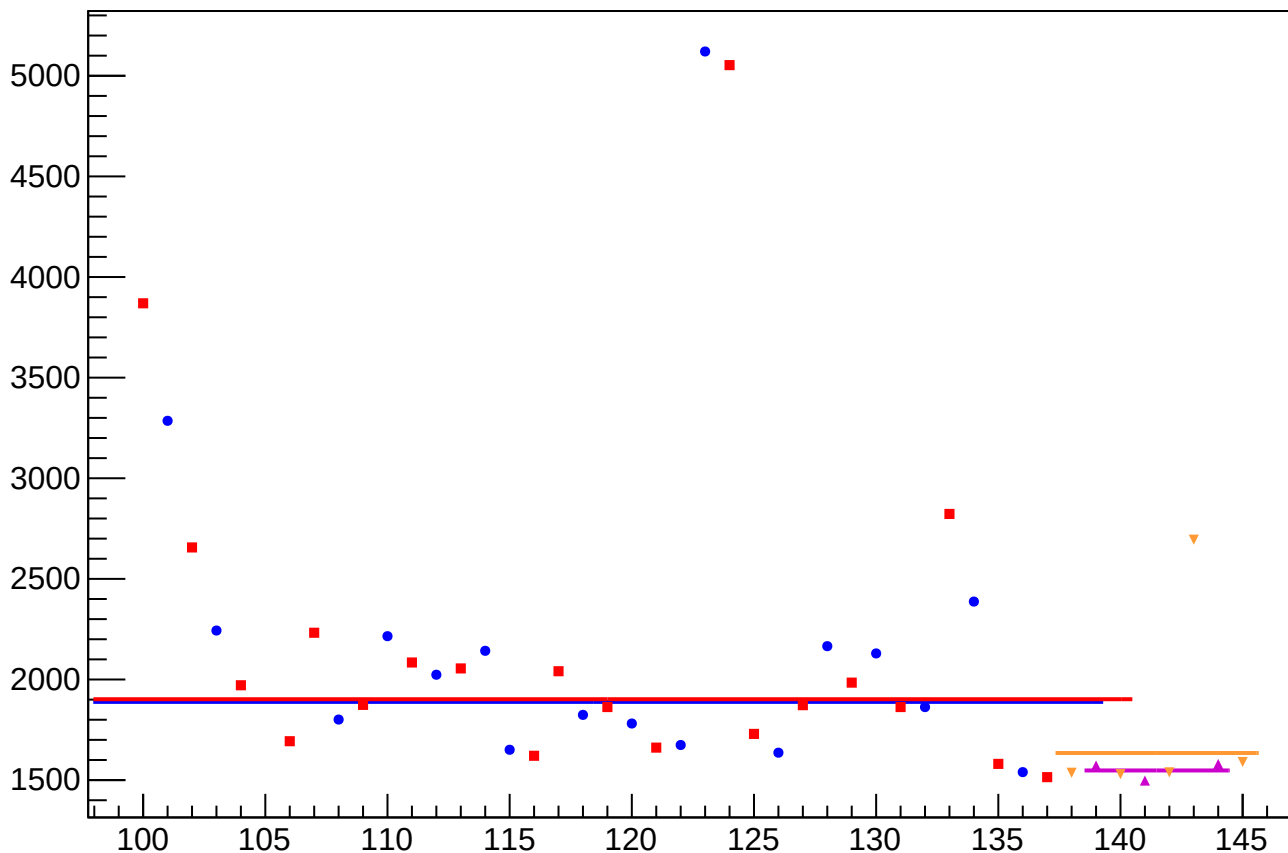
Left In: -864.624 ± 981.088 χ^2/NDF : 0.6/2

-368.484 ± 575.063 χ^2/NDF : 32.6/21

-441.018 ± 410.634 χ^2/NDF : 44.3/44

-516.480 ± 586.557 χ^2/NDF : 11.6/22

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.810 $\pm$ 0.527 χ^2 /NDF: 465842.8/16

Left Out: 1634.717 $\pm$ 0.640 χ^2 /NDF: 222913.8/4

Right Out: 1902.004 $\pm$ 0.517 χ^2 /NDF: 461817.0/19

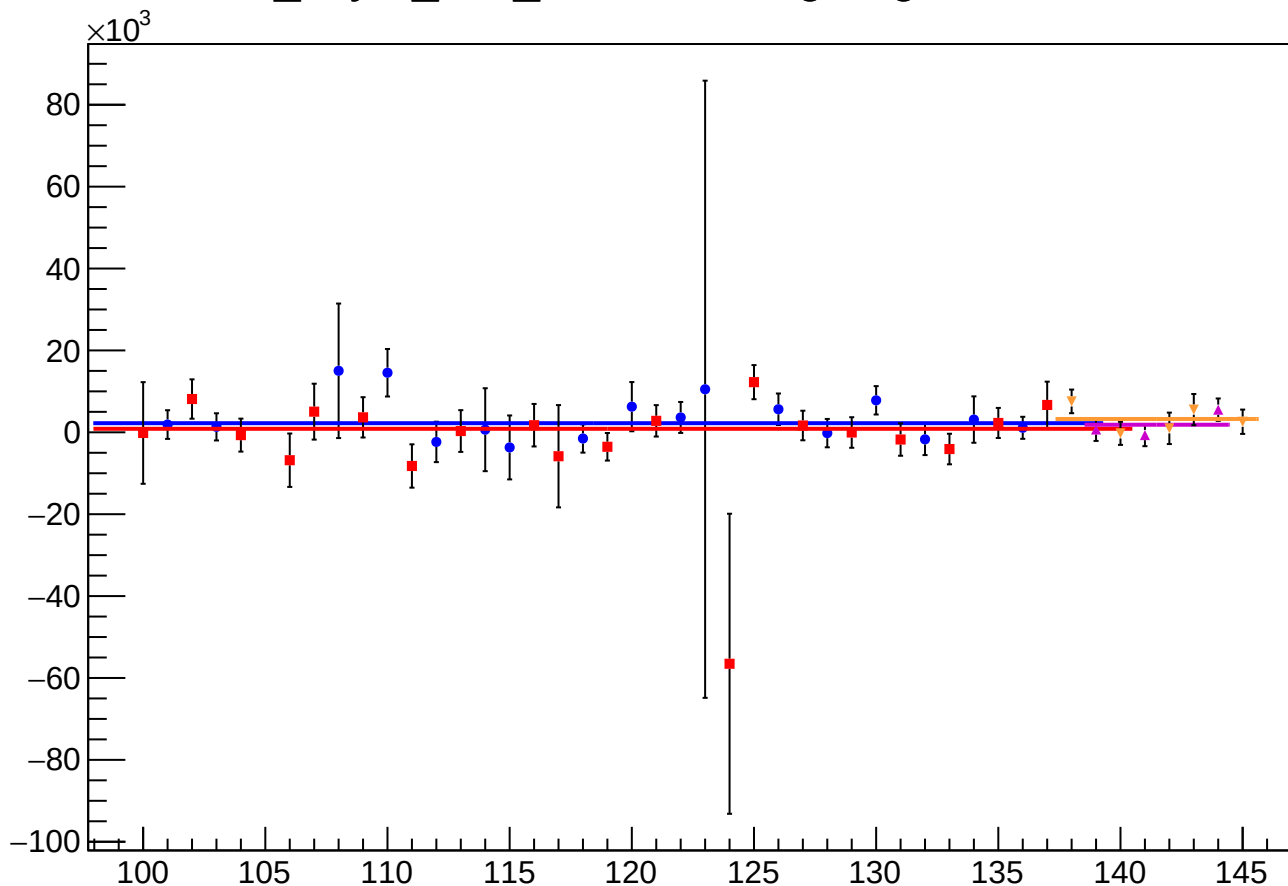
Left In: 1547.940 $\pm$ 0.694 χ^2 /NDF: 2993.0/2

1786.088 $\pm$ 0.407 χ^2 /NDF: 782795.9/21

1780.874 $\pm$ 0.290 χ^2 /NDF: 1415318.5/44

1775.449 $\pm$ 0.415 χ^2 /NDF: 632187.1/22

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2227.517 $\pm$ 1039.288 χ^2/NDF : 13.6/16

Left Out: 3257.211 $\pm$ 1420.156 χ^2/NDF : 4.5/4

Right Out: 860.748 $\pm$ 1043.221 χ^2/NDF : 23.2/19

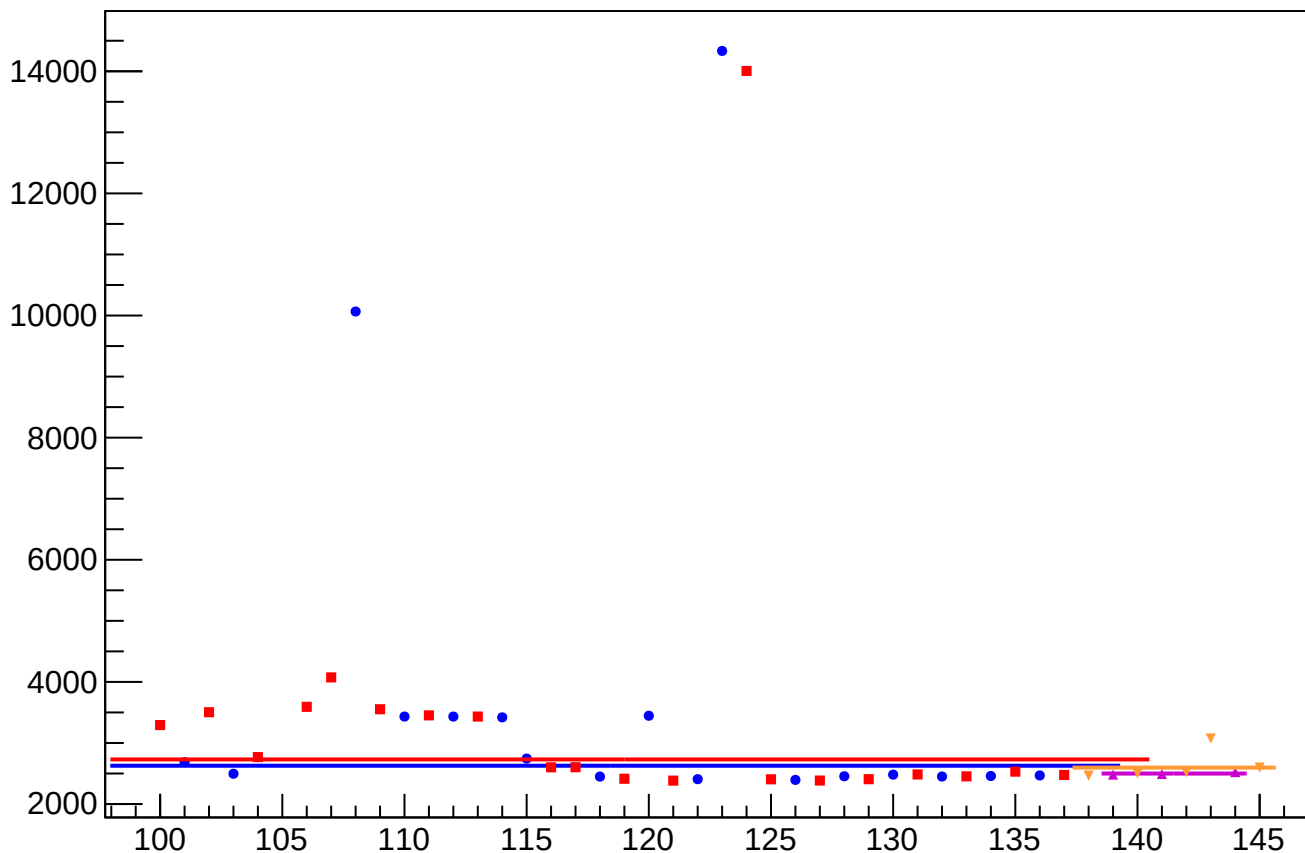
Left In: 1852.022 $\pm$ 1584.210 χ^2/NDF : 2.9/2

2586.641 $\pm$ 838.695 χ^2/NDF : 18.4/21

1900.775 $\pm$ 604.237 χ^2/NDF : 46.1/44

1160.583 $\pm$ 871.278 χ^2/NDF : 26.3/22

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2627.570 ± 0.735 χ^2/NDF : 644396.7/16

Left Out: 2596.722 ± 1.004 χ^2/NDF : 38505.7/4

Right Out: 2730.377 ± 0.738 χ^2/NDF : 598416.7/19

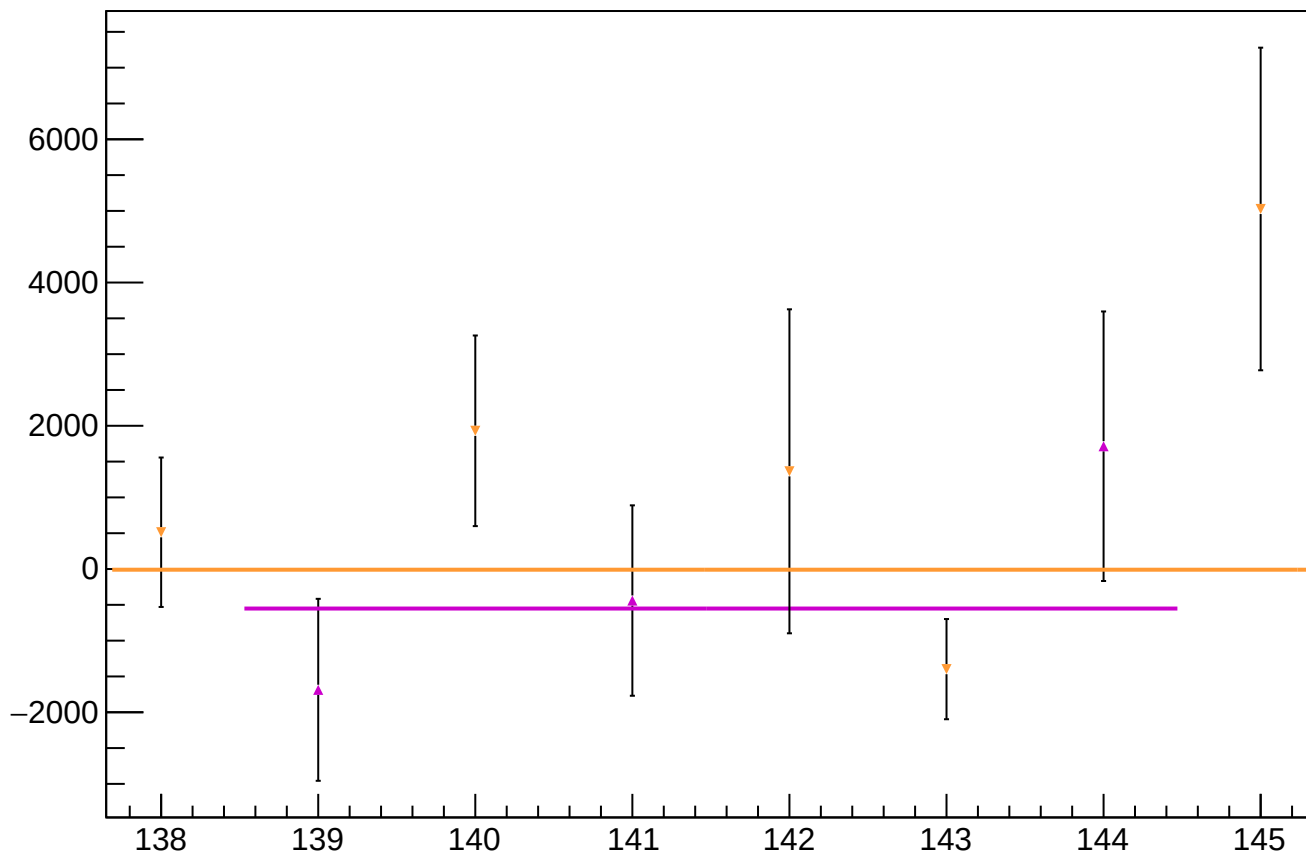
Left In: 2499.435 ± 1.120 χ^2/NDF : 231.5/2

2616.811 ± 0.593 χ^2/NDF : 683517.0/21

2637.834 ± 0.427 χ^2/NDF : 1314424.3/44

2660.523 ± 0.616 χ^2/NDF : 628294.4/22

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -9.565+/-505.092 χ^2/NDF : 11.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

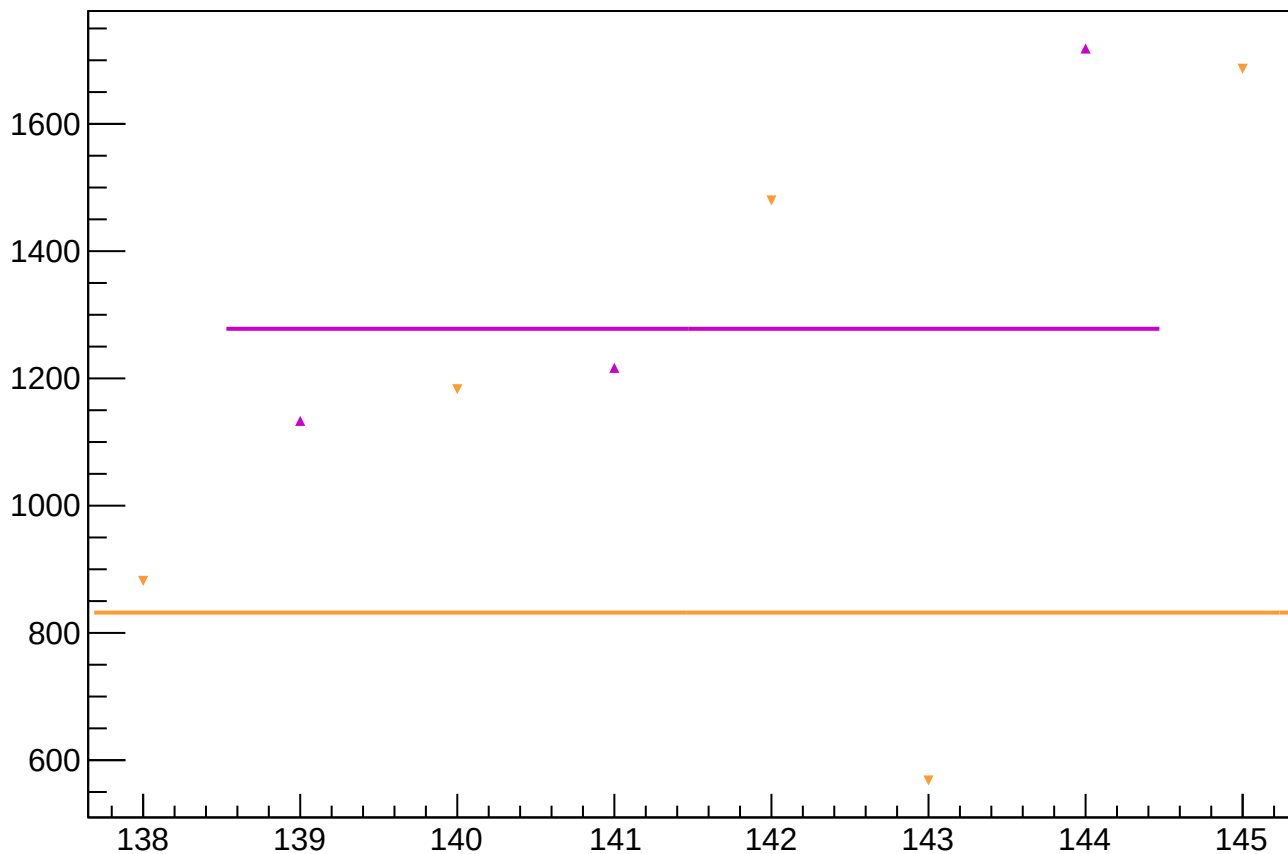
Left In: -551.833+/-825.337 χ^2/NDF : 2.3/2

-9.565+/-505.092 χ^2/NDF : 11.7/4

-157.319+/-430.818 χ^2/NDF : 14.3/7

-551.833+/-825.337 χ^2/NDF : 2.3/2

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 831.901+/-0.357 χ^2/NDF : 880369.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

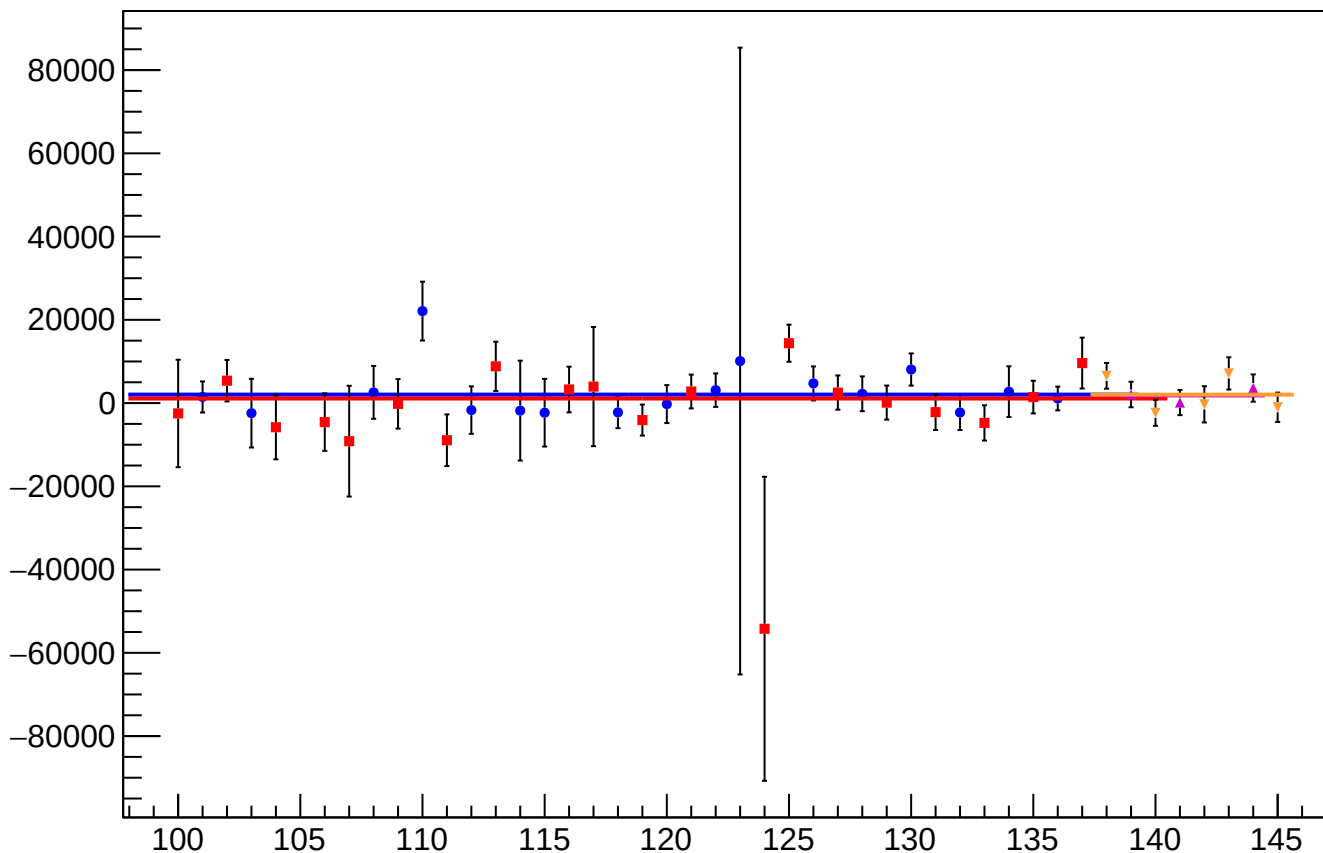
Left In: 1277.979+/-0.584 χ^2/NDF : 139811.0/2

831.901+/-0.357 χ^2/NDF : 880369.5/4

953.446+/-0.305 χ^2/NDF : 1445228.3/7

1277.979+/-0.584 χ^2/NDF : 139811.0/2

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2037.803+/-1151.419 χ^2/NDF : 14.8/16

Left Out: 2028.872+/-1569.143 χ^2/NDF : 6.8/4

Right Out: 1099.827+/-1182.612 χ^2/NDF : 25.4/19

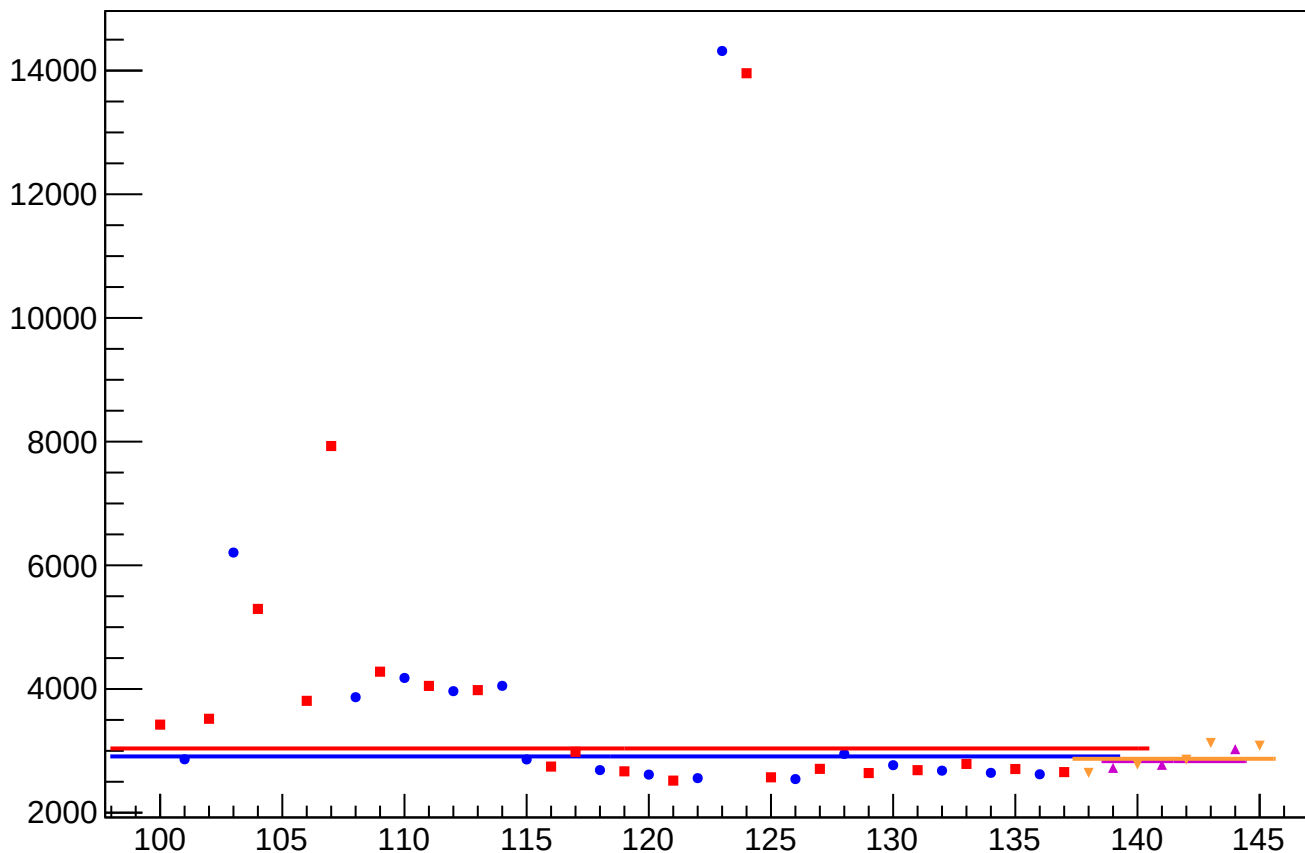
Left In: 1841.847+/-1798.775 χ^2/NDF : 0.6/2

2034.677+/-928.309 χ^2/NDF : 21.7/21

1701.407+/-676.588 χ^2/NDF : 48.0/44

1323.765+/-988.174 χ^2/NDF : 26.1/22

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732+/-0.814 χ^2/NDF : 641894.7/16

Left Out: 2871.480+/-1.110 χ^2/NDF : 28610.2/4

Right Out: 3038.742+/-0.836 χ^2/NDF : 1011336.0/19

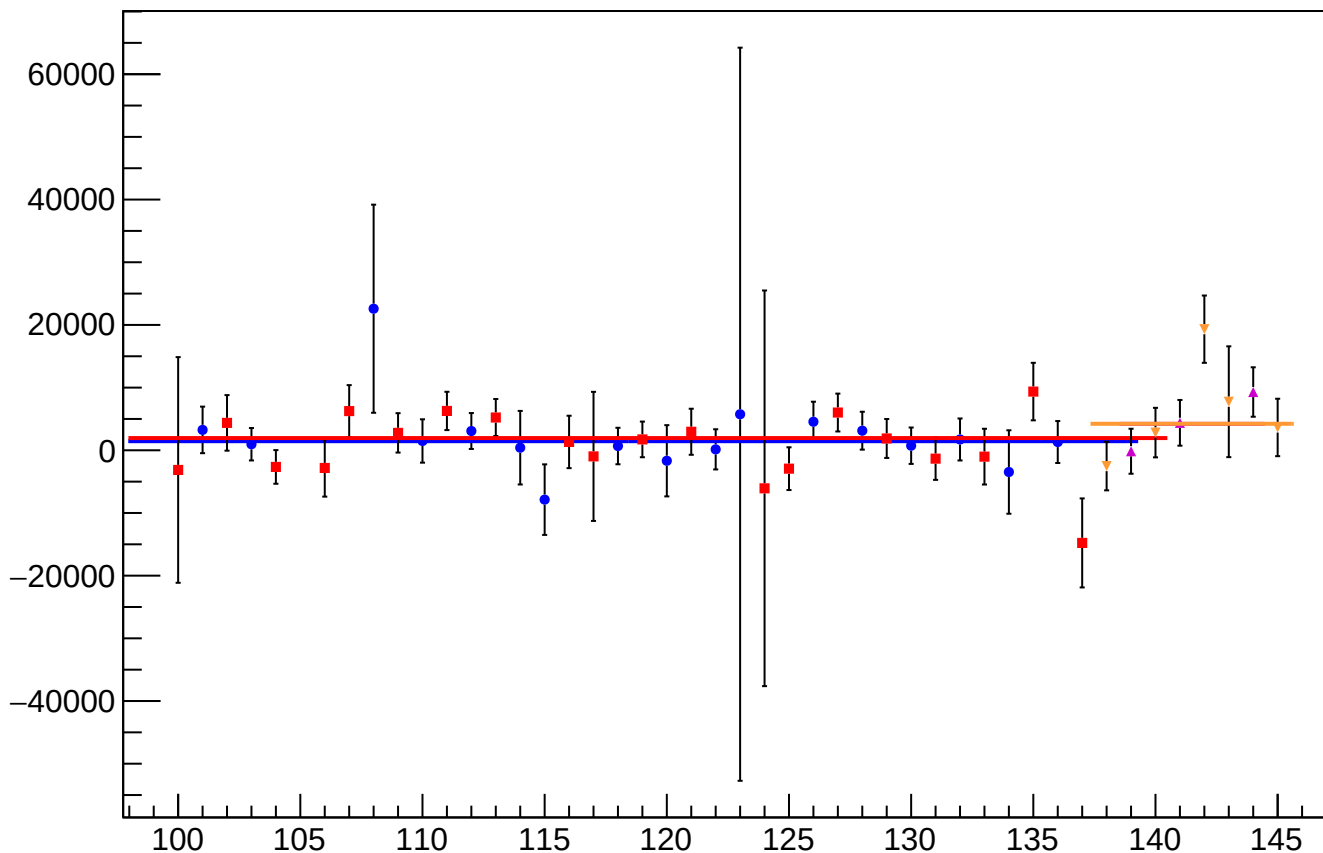
Left In: 2833.571+/-1.272 χ^2/NDF : 10268.2/2

2896.344+/-0.656 χ^2/NDF : 671277.5/21

2934.072+/-0.478 χ^2/NDF : 1718095.5/44

2976.822+/-0.699 χ^2/NDF : 1039771.4/22

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980 $\pm$ 889.008 χ^2 /NDF: 7.4/16

Left Out: 4229.100 $\pm$ 2104.010 χ^2 /NDF:11.2/4

Right Out: 1949.252 $\pm$ 847.604 χ^2 /NDF: 22.5/19

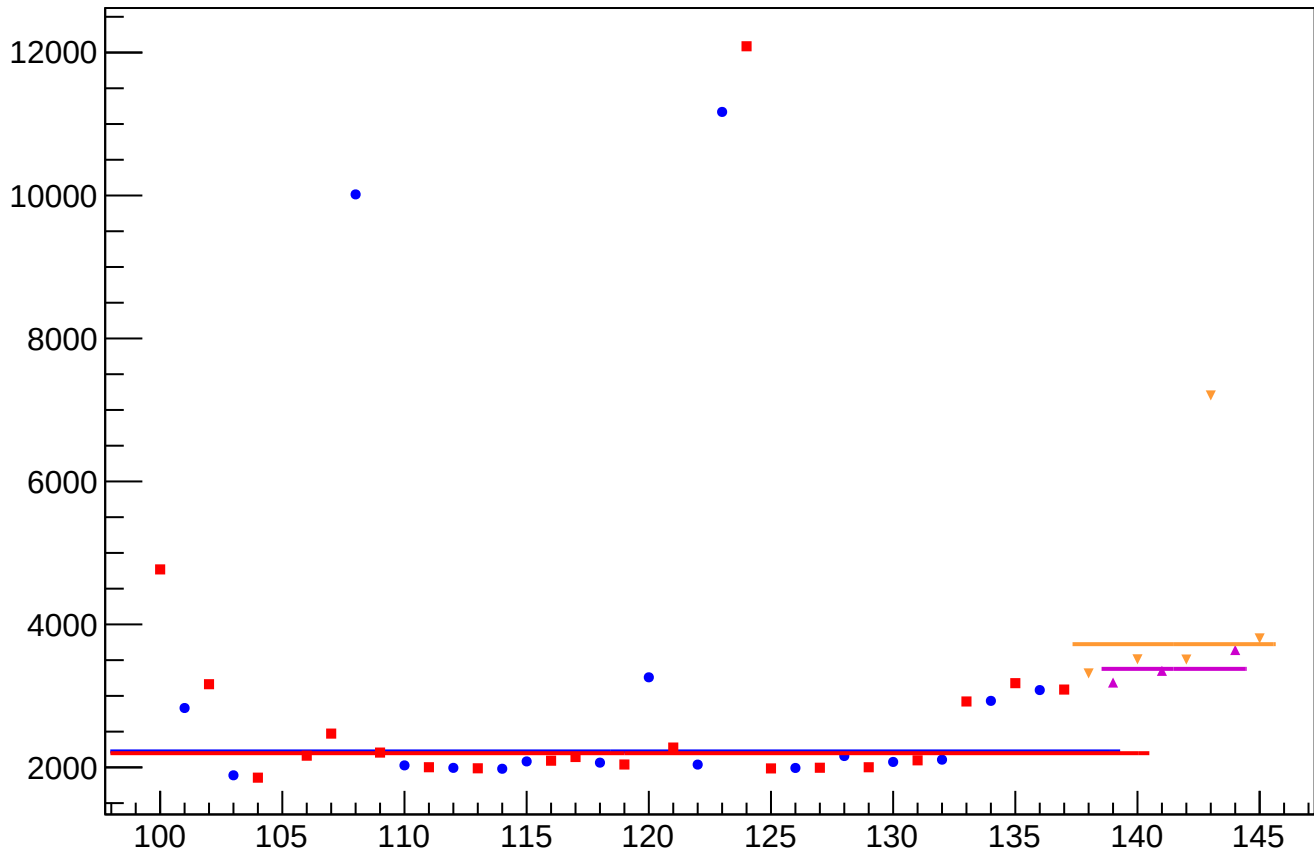
Left In: 4215.168 $\pm$ 2146.121 χ^2 /NDF:3.1/2

1872.677 $\pm$ 818.908 χ^2 /NDF: 20.1/21

2071.108 $\pm$ 567.942 χ^2 /NDF: 46.8/44

2255.004 $\pm$ 788.347 χ^2 /NDF: 26.6/22

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132+/-0.629 χ^2/NDF : 850289.4/16

Left Out: 3723.610+/-1.488 χ^2/NDF : 341743.3/4

Right Out: 2198.396+/-0.599 χ^2/NDF : 602472.3/19

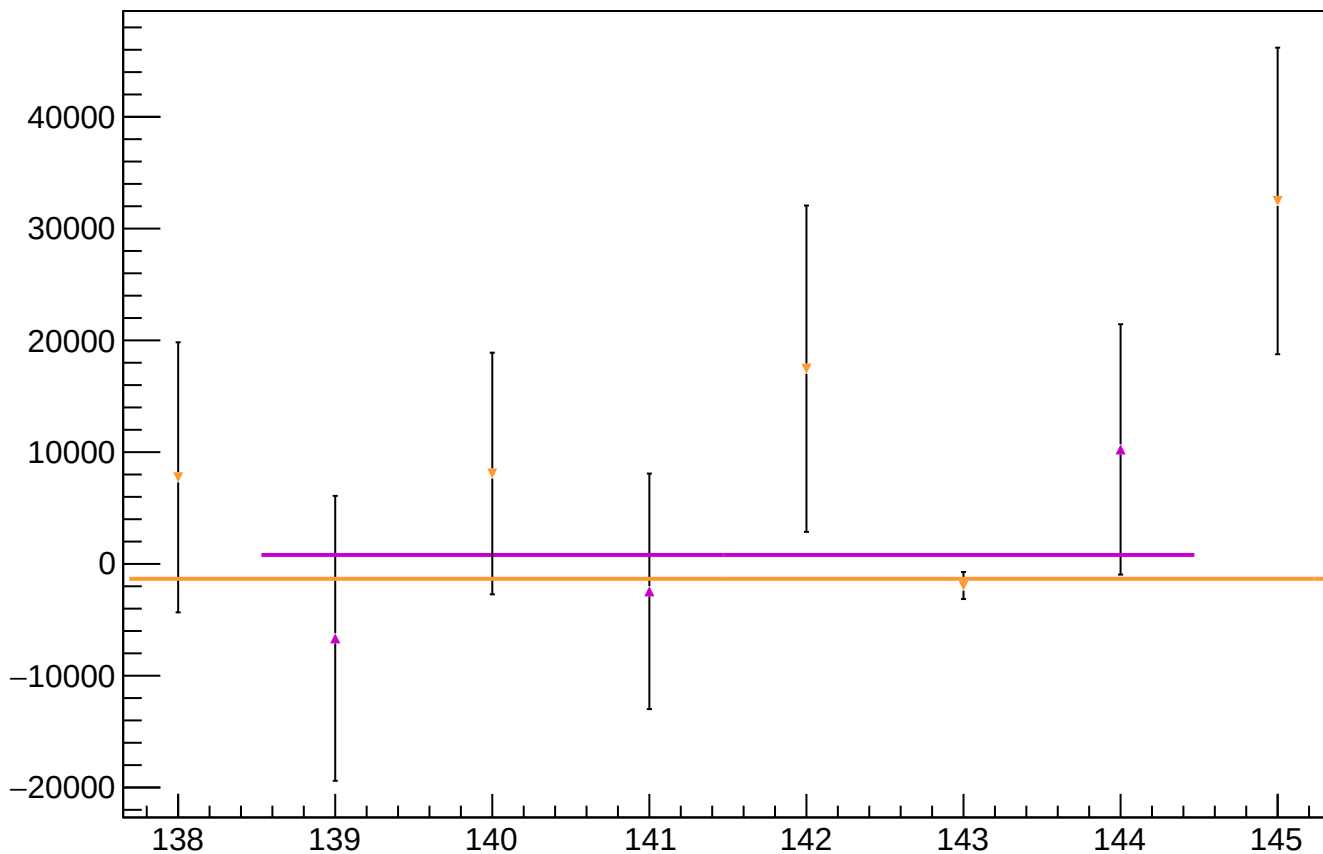
Left In: 3378.119+/-1.518 χ^2/NDF : 14730.8/2

2450.434+/-0.579 χ^2/NDF : 2055114.9/21

2402.111+/-0.401 χ^2/NDF : 3208623.0/44

2357.384+/-0.557 χ^2/NDF : 1140098.2/22

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1332.122+/-1186.834 χ^2/NDF : 9.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

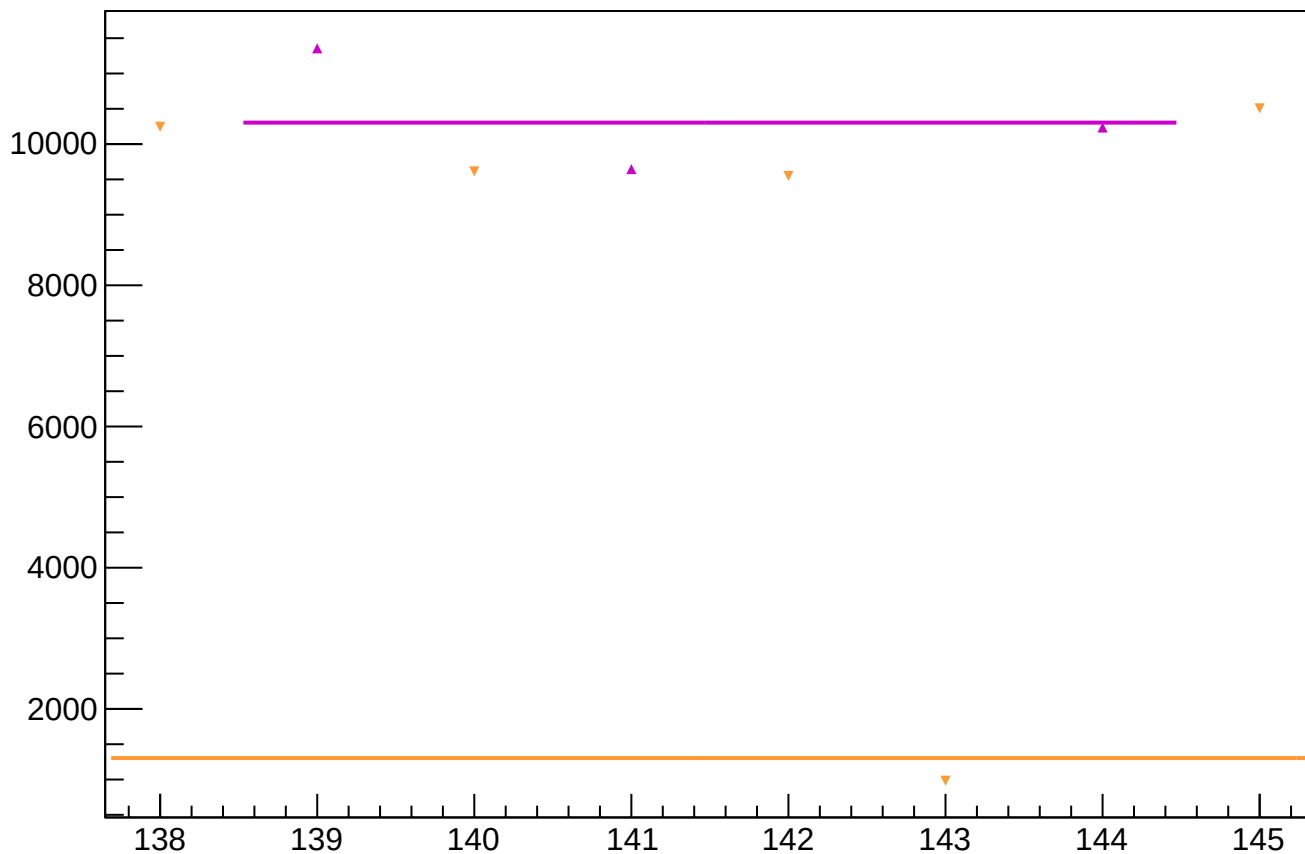
Left In: 805.148+/-6574.107 χ^2/NDF : 1.1/2

-1332.122+/-1186.834 χ^2/NDF : 9.3/4

-1264.663+/-1167.954 χ^2/NDF : 10.6/7

805.148+/-6574.107 χ^2/NDF : 1.1/2

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1304.203+/-0.839 χ^2/NDF : 3957038.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

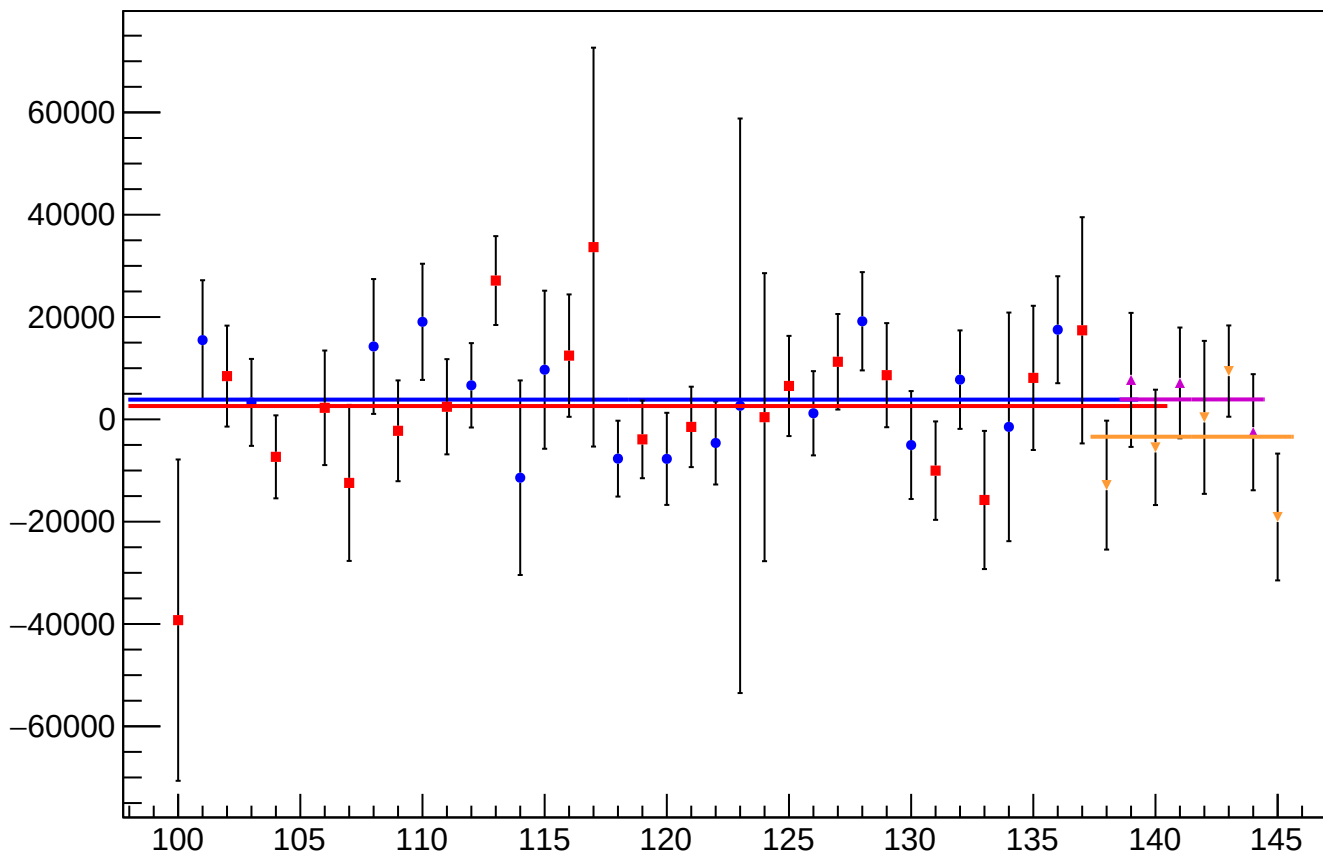
Left In: 10304.252+/-4.649 χ^2/NDF : 21523.3/2

1304.203+/-0.839 χ^2/NDF : 3957038.5/4

1588.271+/-0.826 χ^2/NDF : 7608653.3/7

10304.252+/-4.649 χ^2/NDF : 21523.3/2

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866 $\pm$ 2508.782 χ^2 /NDF: 14.8/16

Left Out: -3394.548 $\pm$ 5149.590 χ^2 /NDF: 4.3/4

Right Out: 2602.758 $\pm$ 2416.653 χ^2 /NDF: 20.7/19

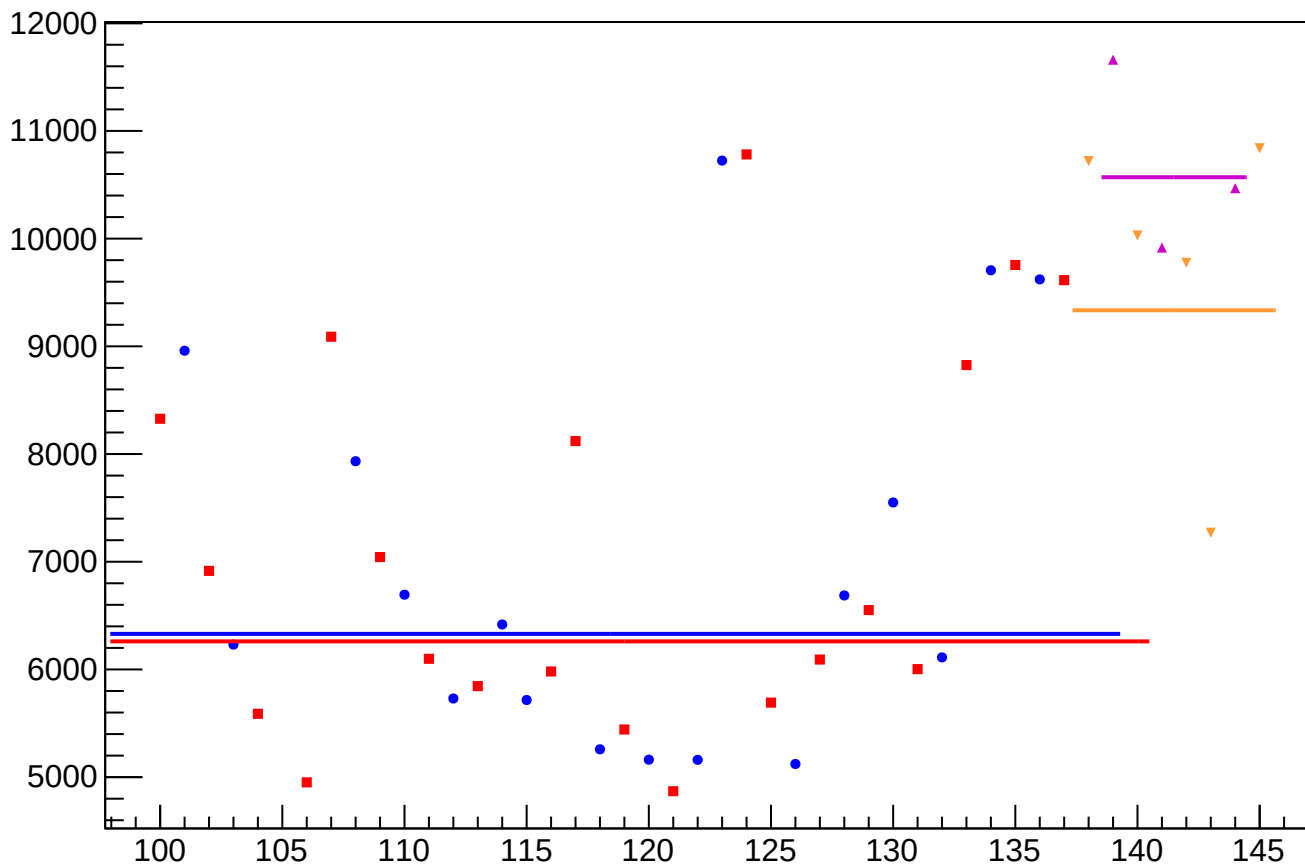
Left In: 3895.216 $\pm$ 6722.969 χ^2 /NDF: 0.5/2

2468.337 $\pm$ 2255.369 χ^2 /NDF: 20.7/21

2608.321 $\pm$ 1601.399 χ^2 /NDF: 41.9/44

2750.651 $\pm$ 2274.188 χ^2 /NDF: 21.2/22

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291 $\pm$ 1.774 χ^2/NDF : 593395.6/16

Left Out: 9334.787 $\pm$ 3.641 χ^2/NDF :170153.8/4

Right Out: 6260.505 $\pm$ 1.709 χ^2/NDF : 539926.4/19

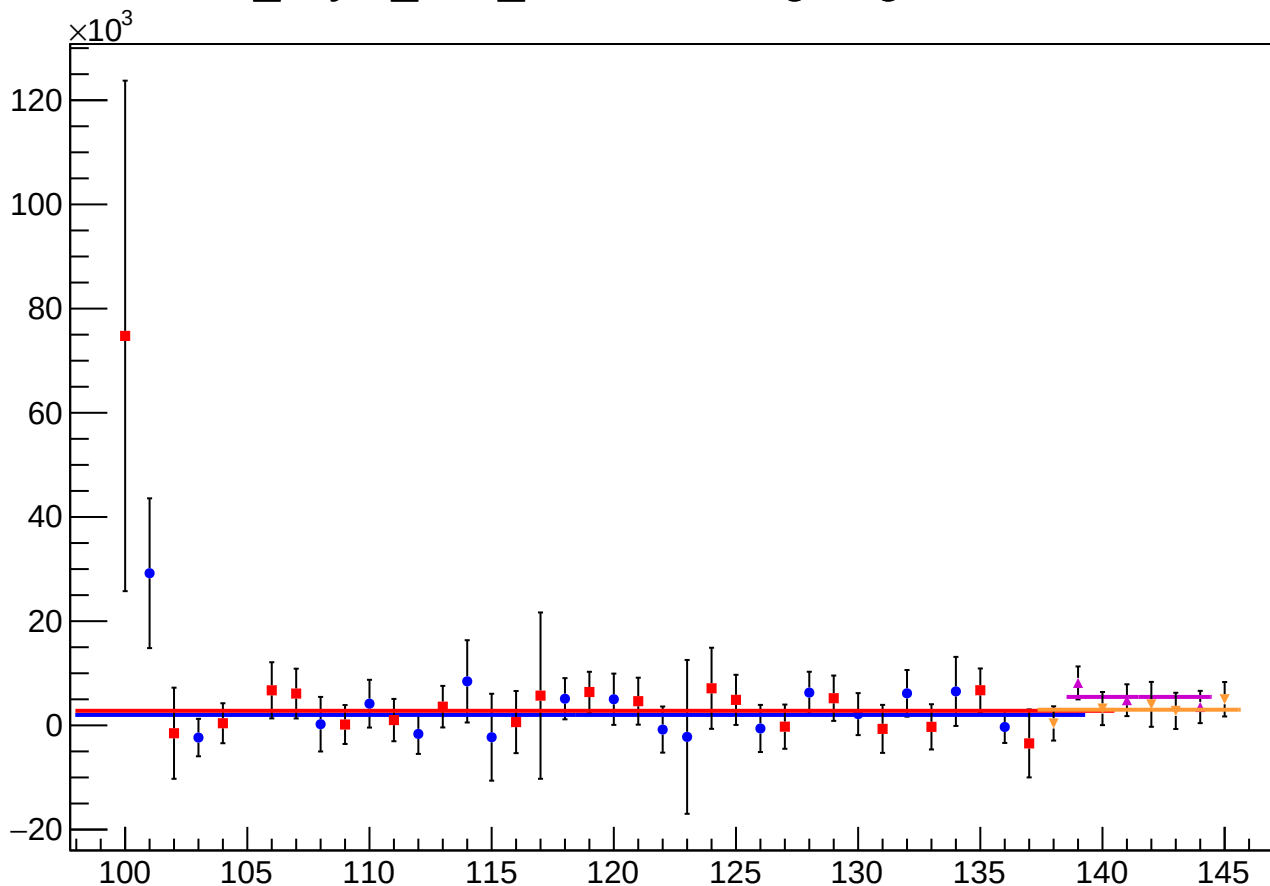
Left In: 10569.960 $\pm$ 4.754 χ^2/NDF :21325.5/2

6906.604 $\pm$ 1.595 χ^2/NDF : 1313771.0/21

6830.727 $\pm$ 1.132 χ^2/NDF : 2607336.0/44

6753.585 $\pm$ 1.608 χ^2/NDF : 1289000.0/22

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383+/-1134.240 χ^2/NDF : 12.1/16

Left Out: 3004.320+/-1544.287 χ^2/NDF : 1.1/4

Right Out: 2794.497+/-1083.659 χ^2/NDF : 9.9/19

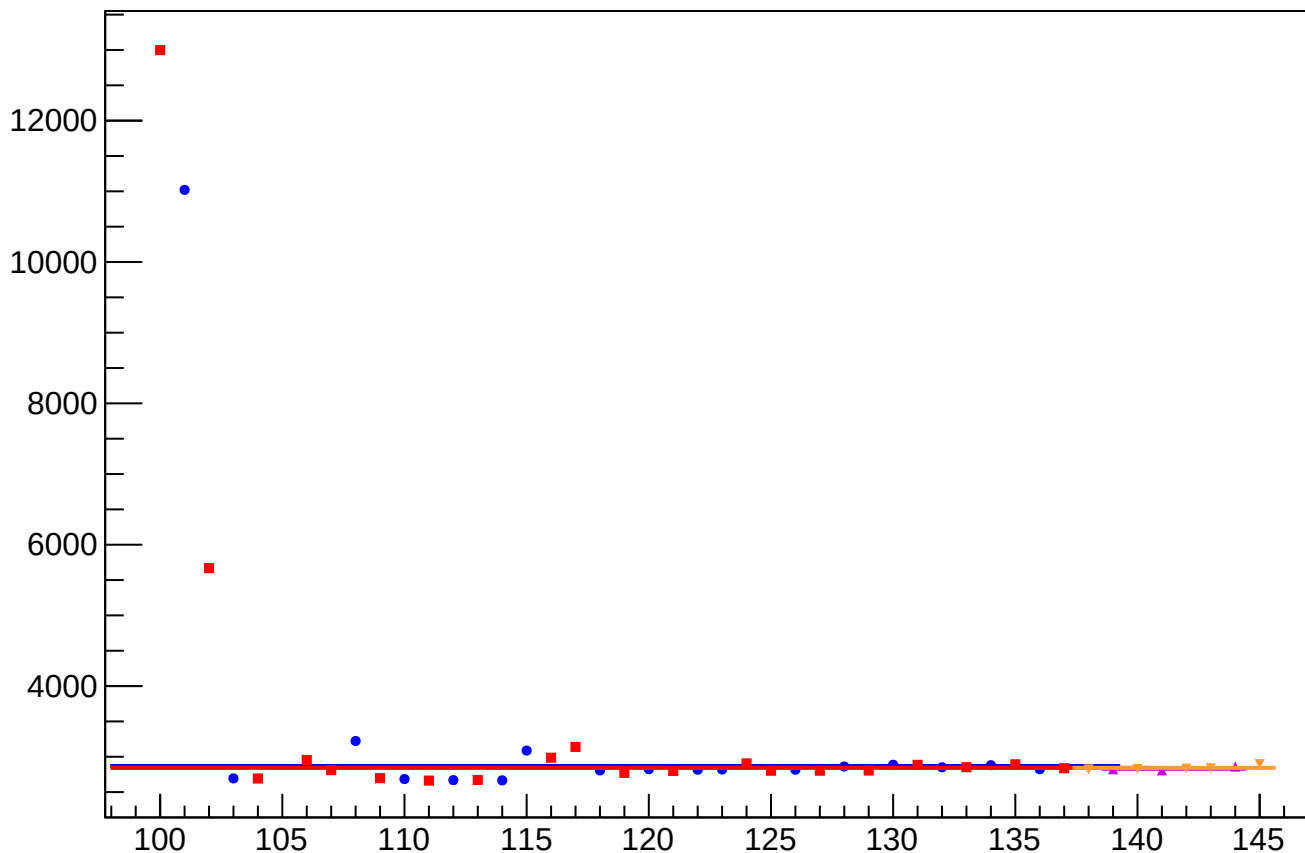
Left In: 5461.105+/-1792.468 χ^2/NDF : 1.2/2

2355.429+/-914.159 χ^2/NDF : 13.4/21

2923.580+/-651.024 χ^2/NDF : 26.9/44

3508.255+/-927.358 χ^2/NDF : 12.7/22

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197+/-0.802 χ^2/NDF : 669900.5/16

Left Out: 2842.957+/-1.092 χ^2/NDF : 670.0/4

Right Out: 2842.934+/-0.766 χ^2/NDF : 313216.9/19

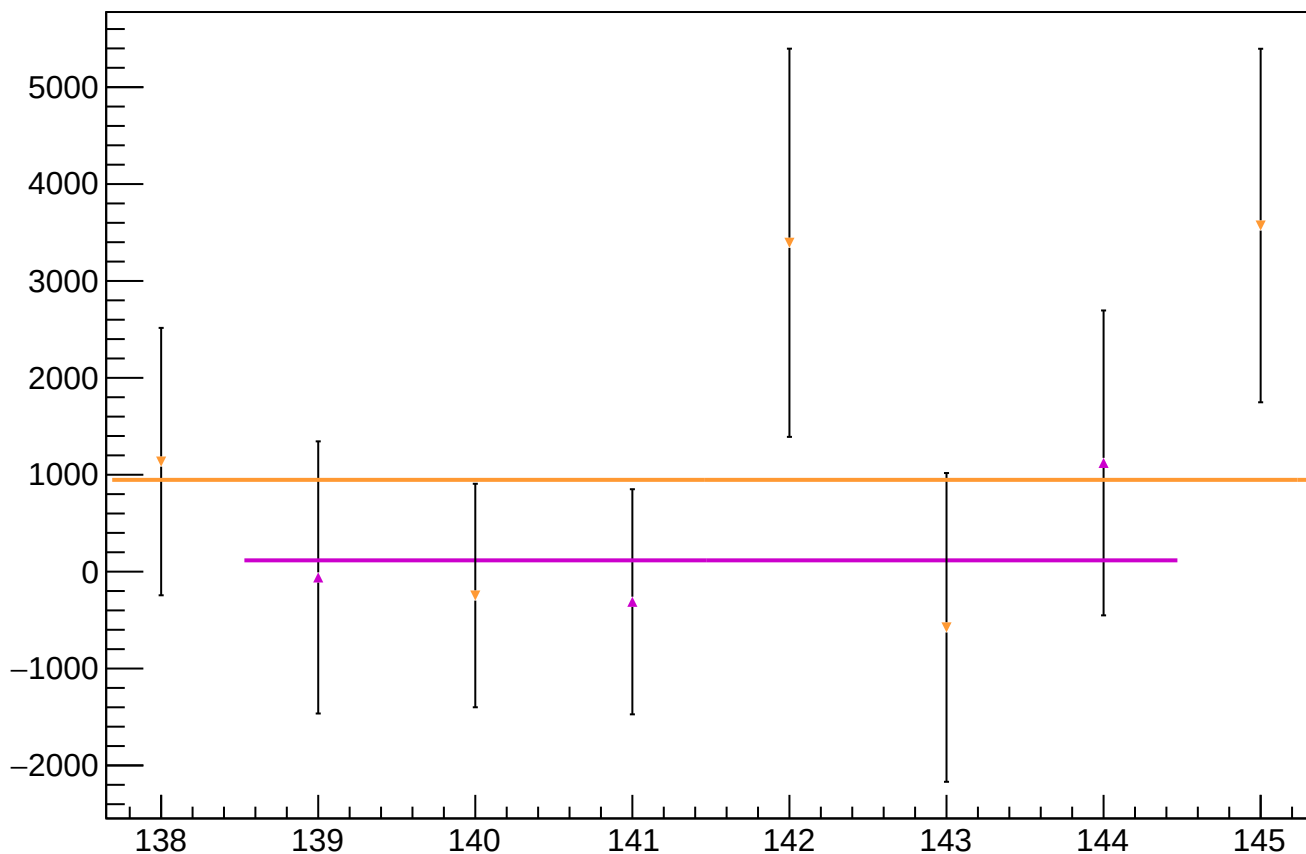
Left In: 2830.197+/-1.267 χ^2/NDF : 316.8/2

2860.002+/-0.646 χ^2/NDF : 670945.6/21

2849.910+/-0.460 χ^2/NDF : 985047.8/44

2839.525+/-0.656 χ^2/NDF : 313607.6/22

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 947.299+/-671.065 χ^2/NDF : 5.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

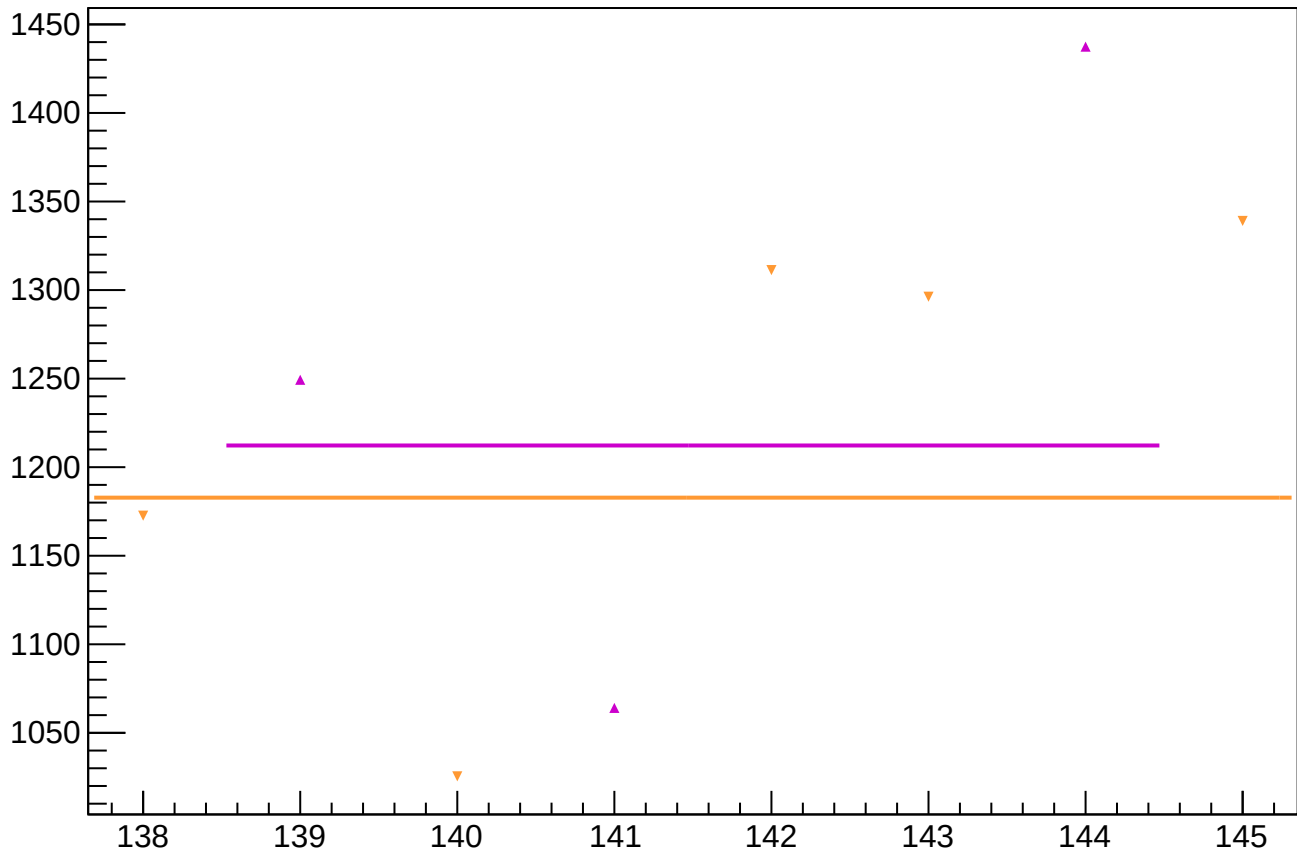
Left In: 116.552+/-778.031 χ^2/NDF : 0.6/2

947.299+/-671.065 χ^2/NDF : 5.6/4

592.916+/-508.158 χ^2/NDF : 6.8/7

116.552+/-778.031 χ^2/NDF : 0.6/2

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1182.795+/-0.475 χ^2/NDF : 70380.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

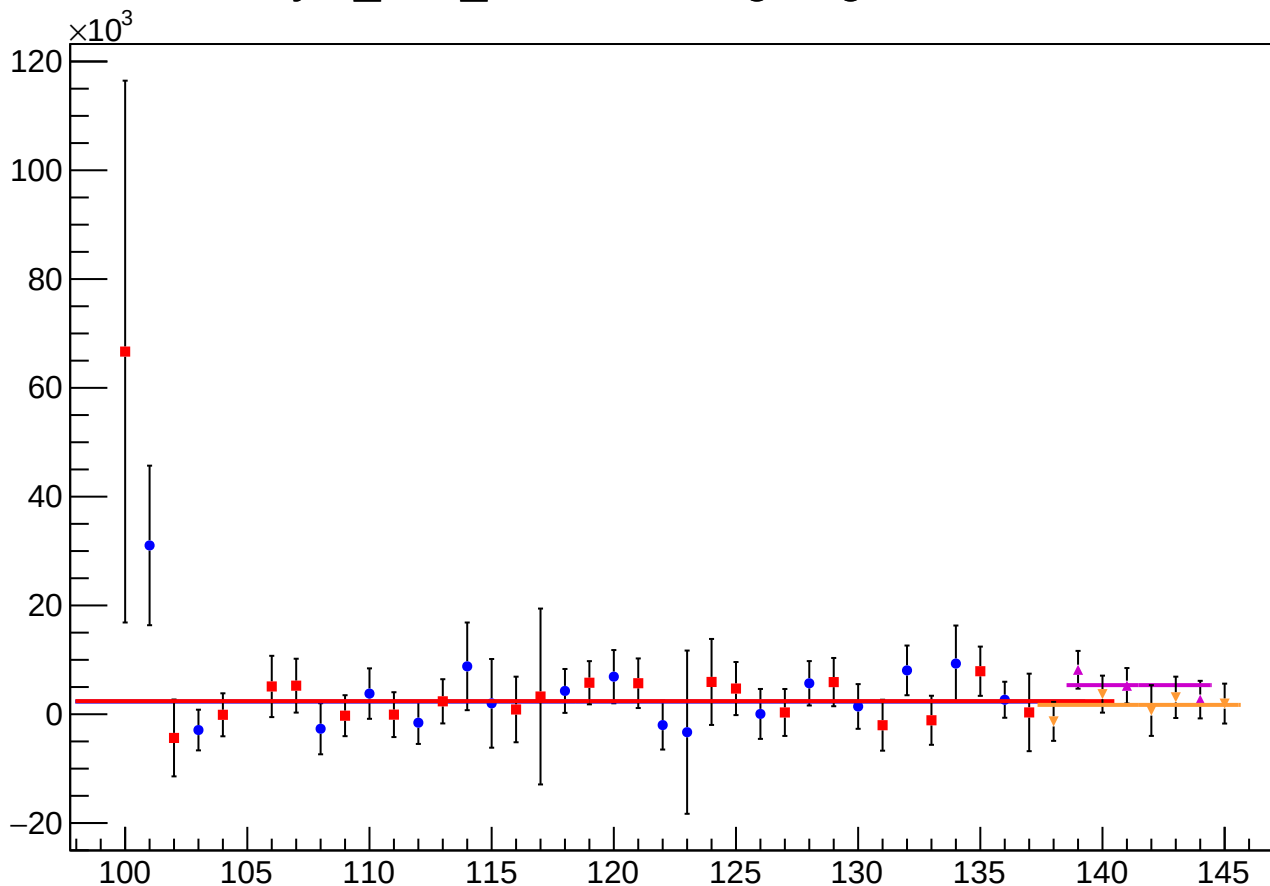
Left In: 1212.248+/-0.550 χ^2/NDF : 74898.2/2

1182.795+/-0.475 χ^2/NDF : 70380.9/4

1195.359+/-0.359 χ^2/NDF : 146922.5/7

1212.248+/-0.550 χ^2/NDF : 74898.2/2

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134 $\pm$ 1156.555 χ^2 /NDF: 14.4/16

Left Out: 1718.852 $\pm$ 1680.699 χ^2 /NDF: 1.2/4

Right Out: 2407.761 $\pm$ 1107.485 χ^2 /NDF: 10.1/19

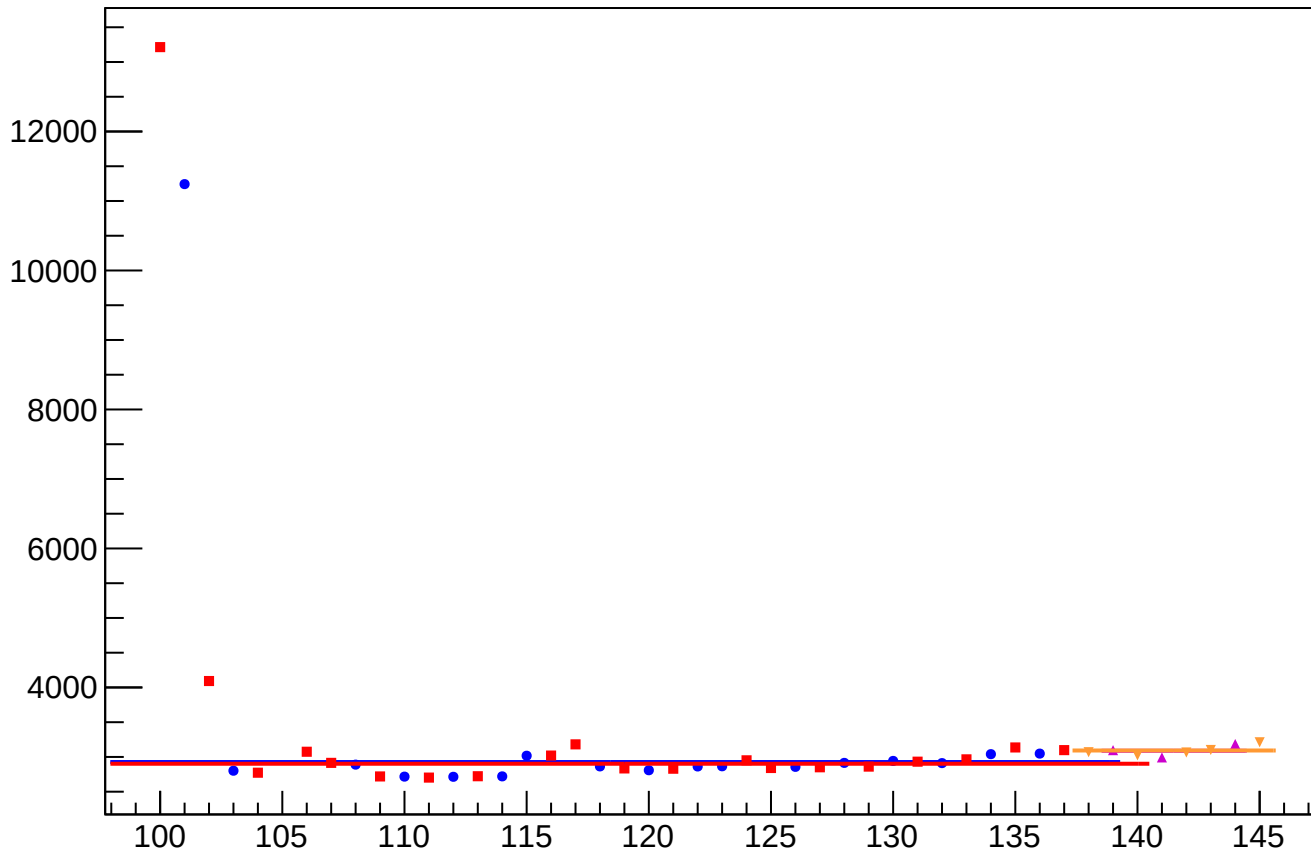
Left In: 5350.524 $\pm$ 1956.991 χ^2 /NDF: 1.3/2

2133.692 $\pm$ 952.765 χ^2 /NDF: 15.7/21

2621.929 $\pm$ 677.591 χ^2 /NDF: 29.3/44

3121.591 $\pm$ 963.849 χ^2 /NDF: 13.0/22

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Left Out: 3092.830+/-1.188 χ^2/NDF : 3113.8/4

Right Out: 2902.143+/-0.783 χ^2/NDF : 170465.3/19

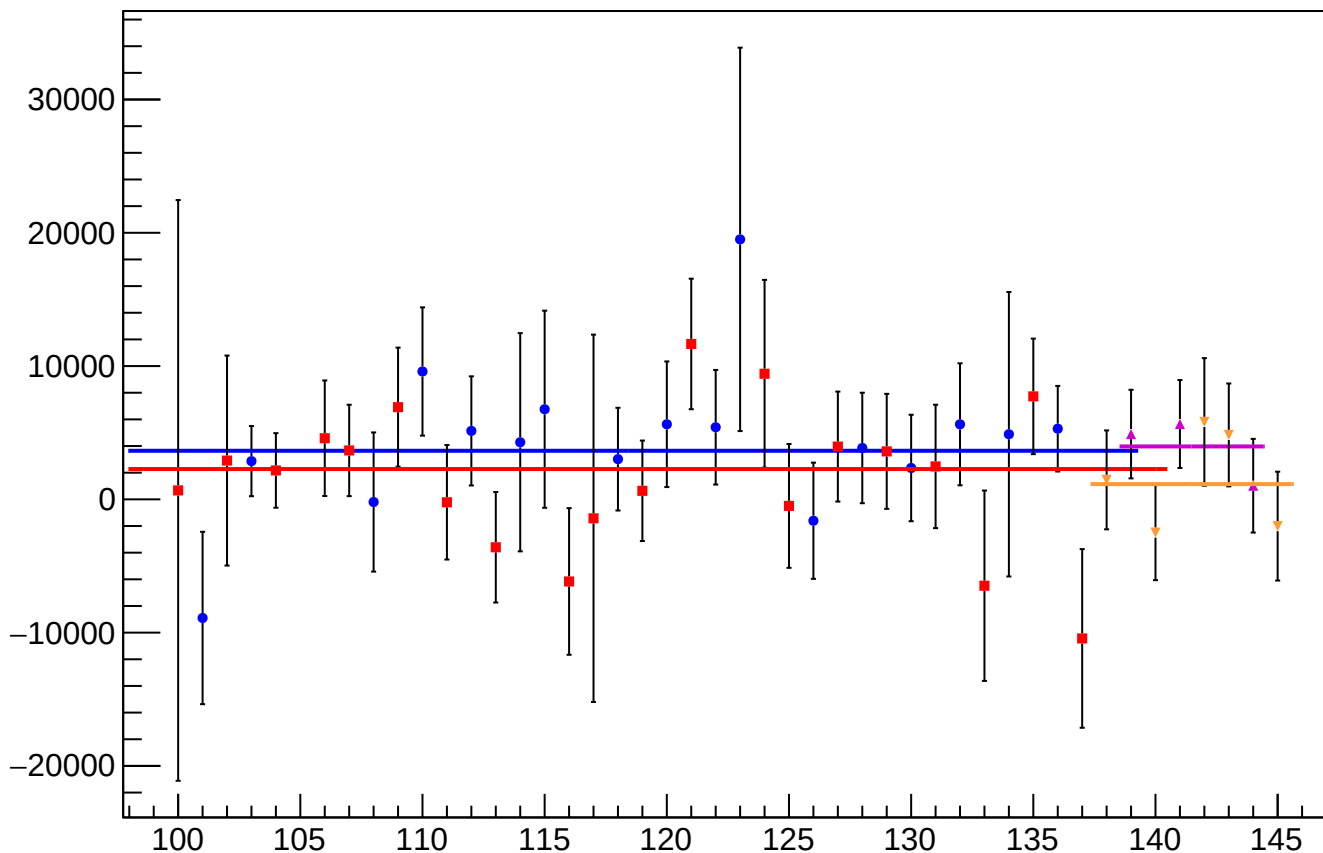
Left In: 3088.428+/-1.384 χ^2/NDF : 3323.2/2

2980.027+/-0.674 χ^2/NDF : 679183.7/21

2963.867+/-0.479 χ^2/NDF : 867862.5/44

2947.330+/-0.682 χ^2/NDF : 187514.7/22

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268 ± 1091.486 χ^2/NDF : 9.9/16

Left Out: 1142.965 ± 1762.552 χ^2/NDF : 3.5/4

Right Out: 2274.510 ± 1043.858 χ^2/NDF : 18.5/19

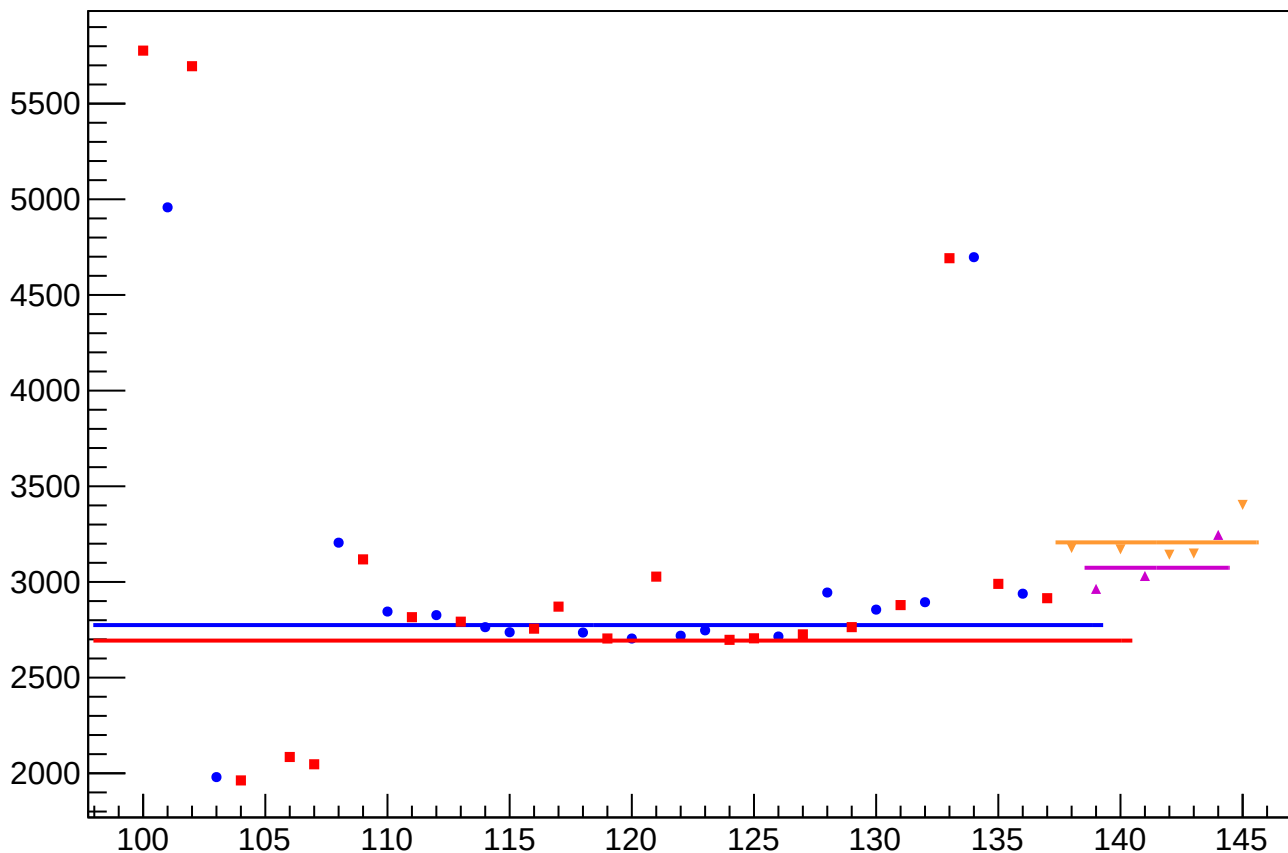
Left In: 3970.059 ± 1948.616 χ^2/NDF : 1.0/2

2951.655 ± 927.963 χ^2/NDF : 14.8/21

2800.854 ± 653.388 χ^2/NDF : 35.0/44

2652.582 ± 920.148 χ^2/NDF : 20.1/22

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617 $\pm$ 0.772 χ^2 /NDF: 501680.3/16

Left Out: 3206.822 $\pm$ 1.246 χ^2 /NDF: 5756.4/4

Right Out: 2693.533 $\pm$ 0.738 χ^2 /NDF: 780600.8/19

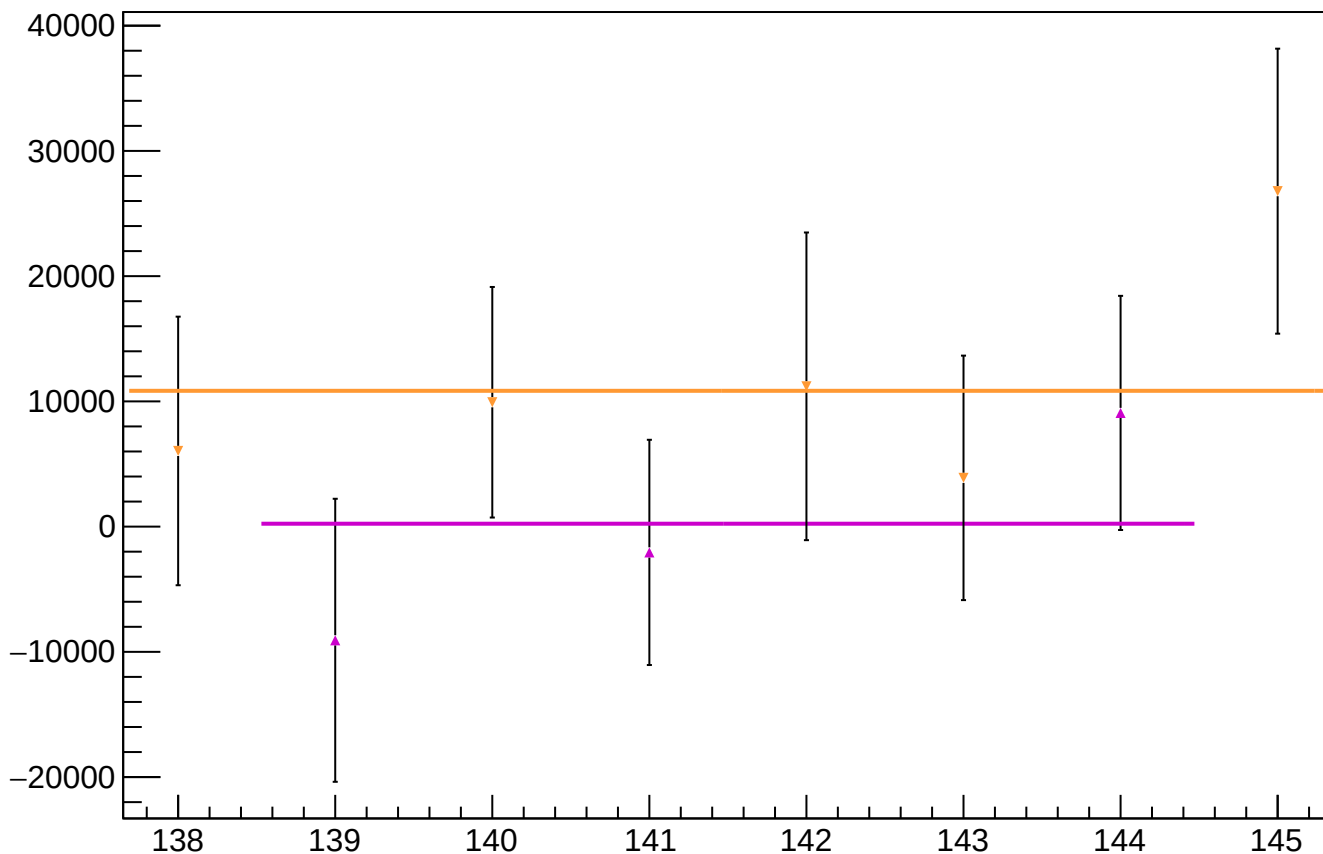
Left In: 3074.140 $\pm$ 1.378 χ^2 /NDF: 7325.4/2

2894.420 $\pm$ 0.656 χ^2 /NDF: 594362.5/21

2835.883 $\pm$ 0.462 χ^2 /NDF: 1457364.5/44

2778.357 $\pm$ 0.650 χ^2 /NDF: 847222.6/22

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10844.256+/-4696.059 χ^2/NDF : 2.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

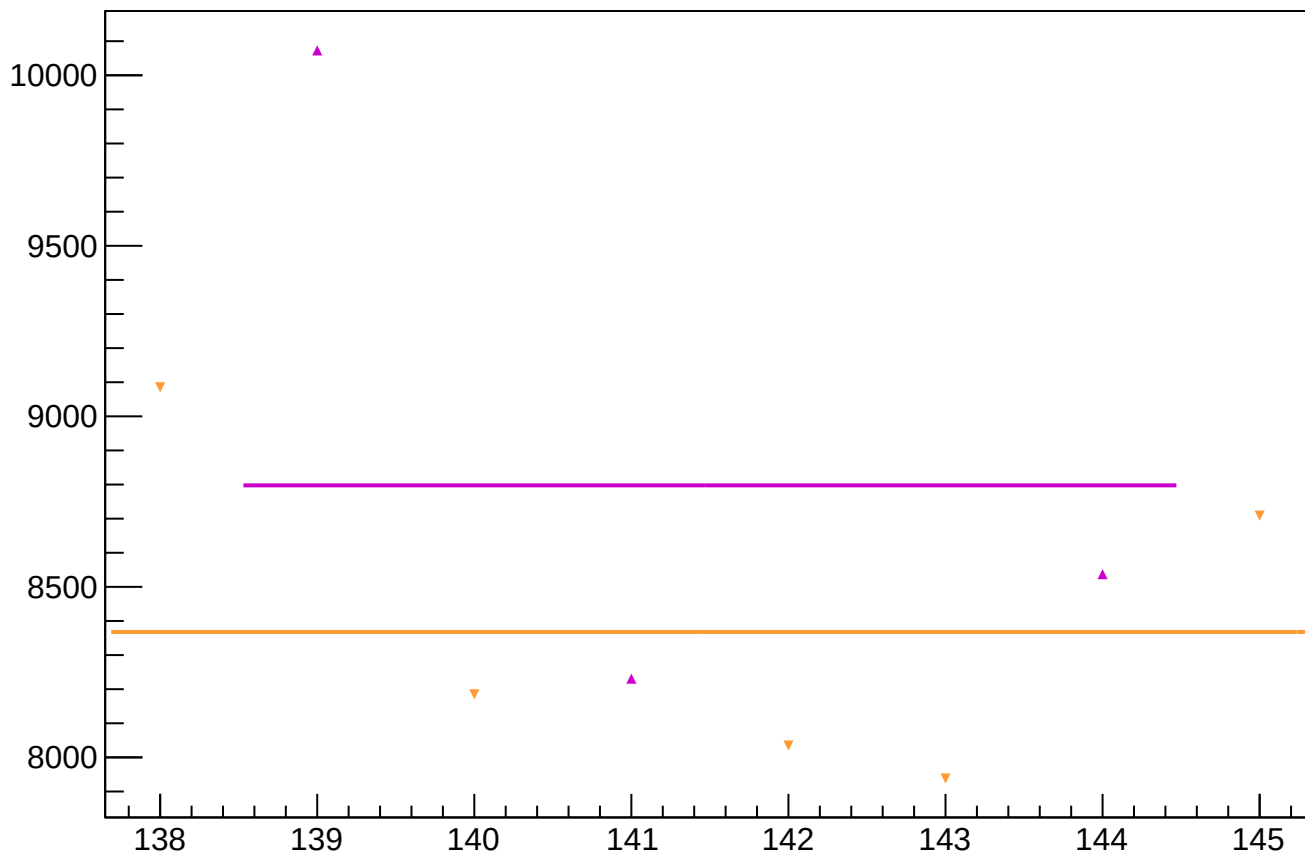
Left In: 231.813+/-5621.563 χ^2/NDF : 1.6/2

10844.256+/-4696.059 χ^2/NDF : 2.7/4

6482.385+/-3604.008 χ^2/NDF : 6.4/7

231.813+/-5621.563 χ^2/NDF : 1.6/2

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 8367.819+/-3.321 χ^2/NDF :16881.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

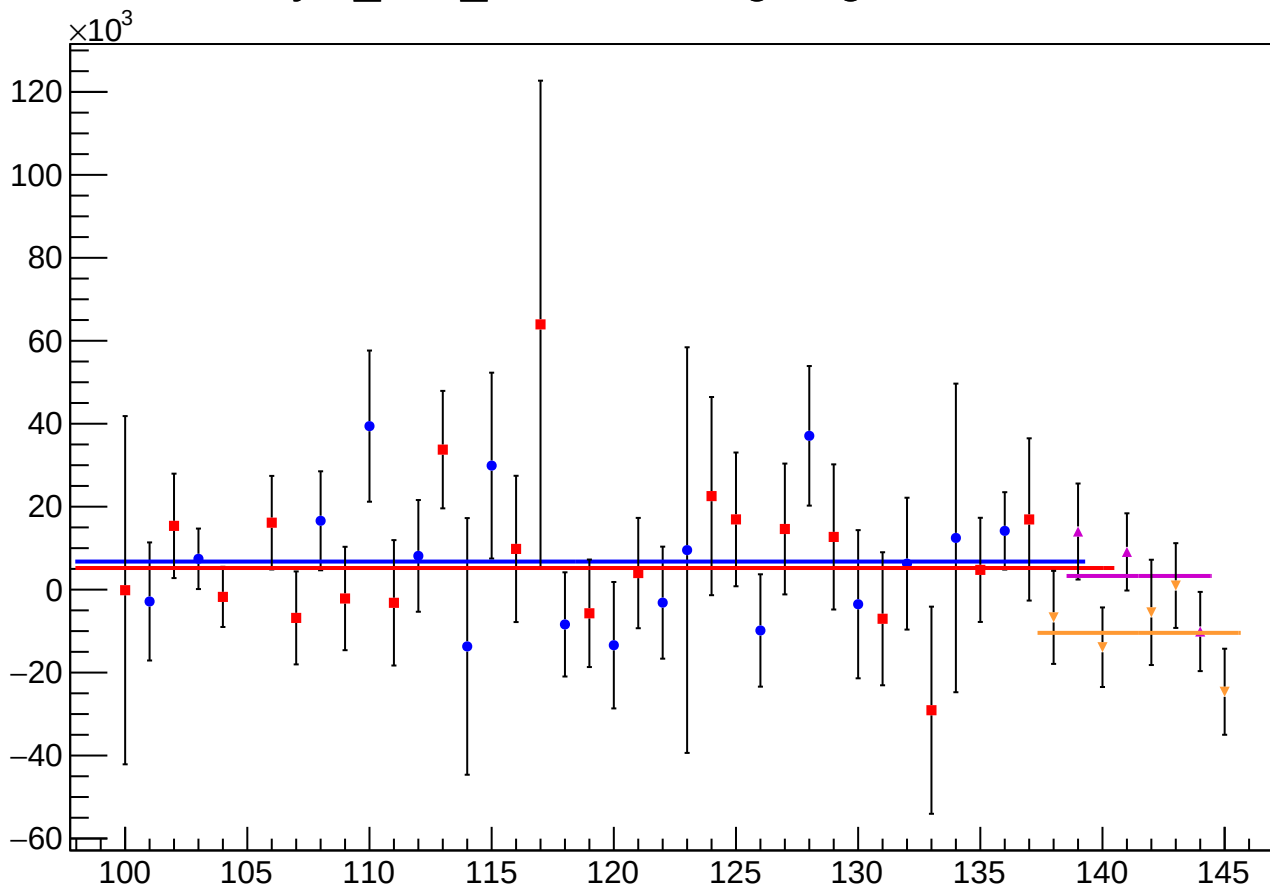
Left In: 8797.628+/-3.975 χ^2/NDF :34973.5/2

8367.819+/-3.321 χ^2/NDF : 16881.0/4

8544.477+/-2.548 χ^2/NDF : 58740.6/7

8797.628+/-3.975 χ^2/NDF : 34973.5/2

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6767.402 $\pm$ 3387.139 χ^2 /NDF: 15.3/16

Left Out: -10423.014 $\pm$ 4772.986 χ^2 /NDF: 3.5/4

Right Out: 5212.142 $\pm$ 3163.023 χ^2 /NDF: 14.6/19

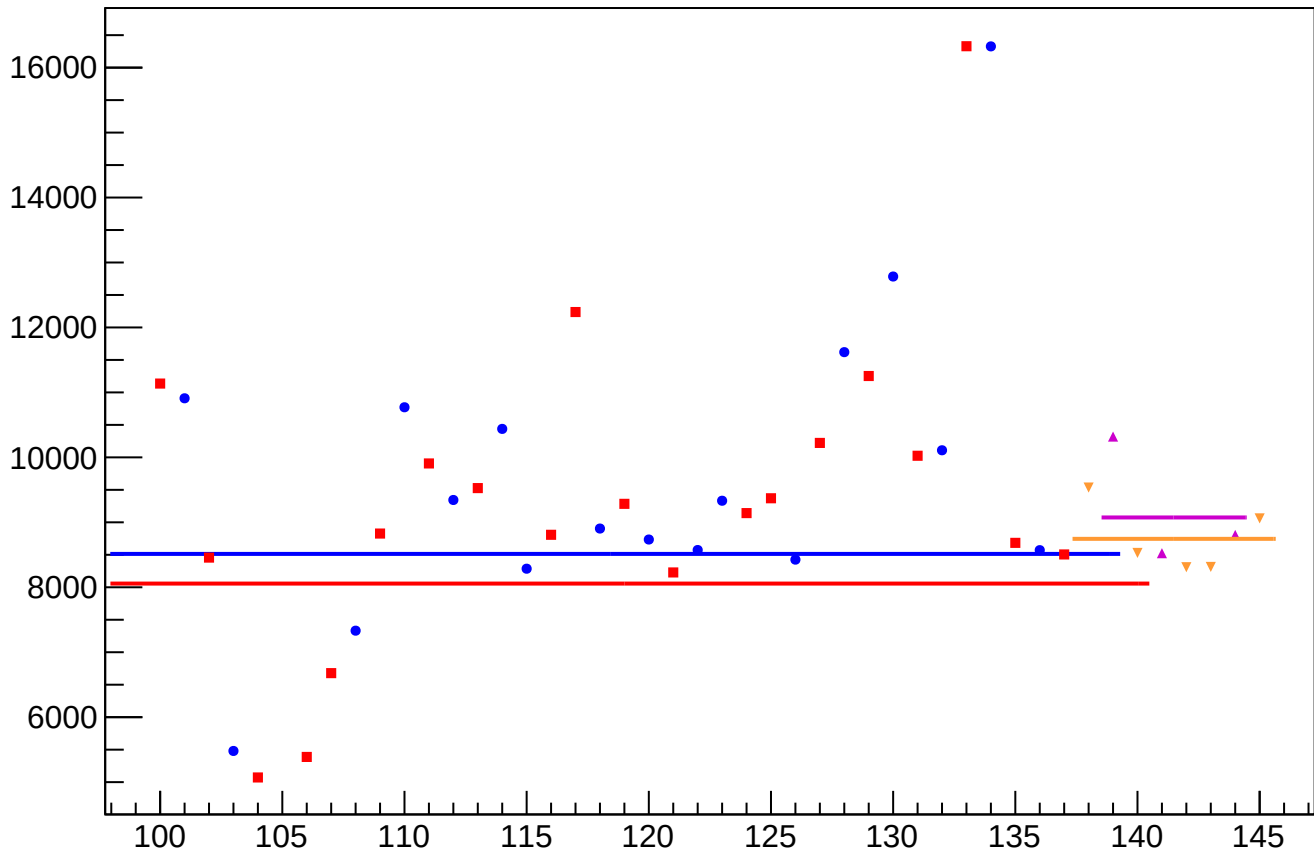
Left In: 3296.327 $\pm$ 5775.887 χ^2 /NDF: 3.2/2

1009.824 $\pm$ 2762.275 χ^2 /NDF: 27.5/21

2881.842 $\pm$ 1957.450 χ^2 /NDF: 46.3/44

4770.152 $\pm$ 2774.268 χ^2 /NDF: 17.9/22

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665 $\pm$ 2.395 χ^2/NDF : 762614.5/16

Left Out: 8745.564 $\pm$ 3.375 χ^2/NDF : 18735.7/4

Right Out: 8056.887 $\pm$ 2.237 χ^2/NDF : 962463.7/19

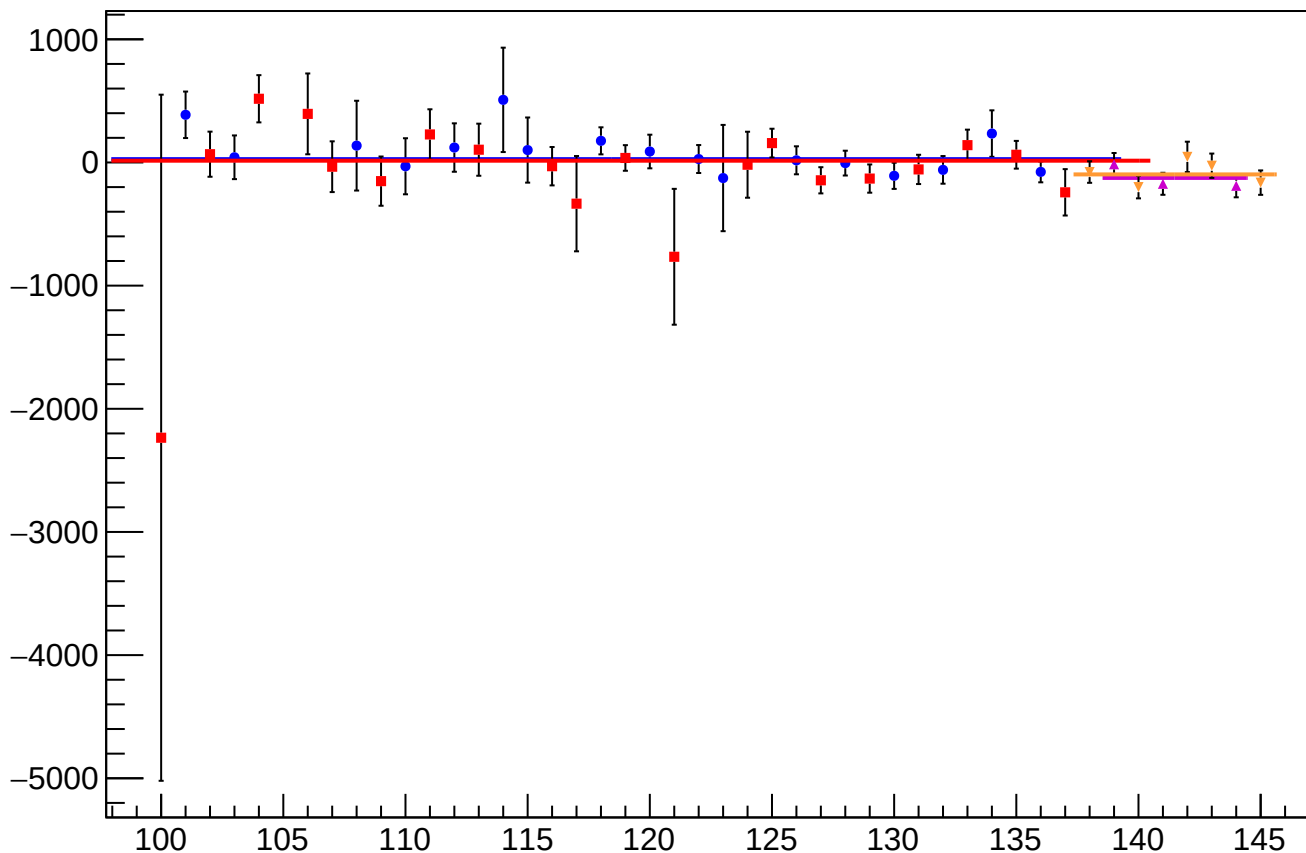
Left In: 9074.726 $\pm$ 4.084 χ^2/NDF : 31724.3/2

8591.335 $\pm$ 1.953 χ^2/NDF : 784490.0/21

8442.161 $\pm$ 1.384 χ^2/NDF : 1838174.8/44

8291.696 $\pm$ 1.962 χ^2/NDF : 1041968.5/22

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.932 $\pm$ 34.029 χ^2/NDF : 12.6/16

Left Out: -96.948 $\pm$ 43.844 χ^2/NDF : 3.6/4

Right Out: 14.422 $\pm$ 35.398 χ^2/NDF : 22.7/19

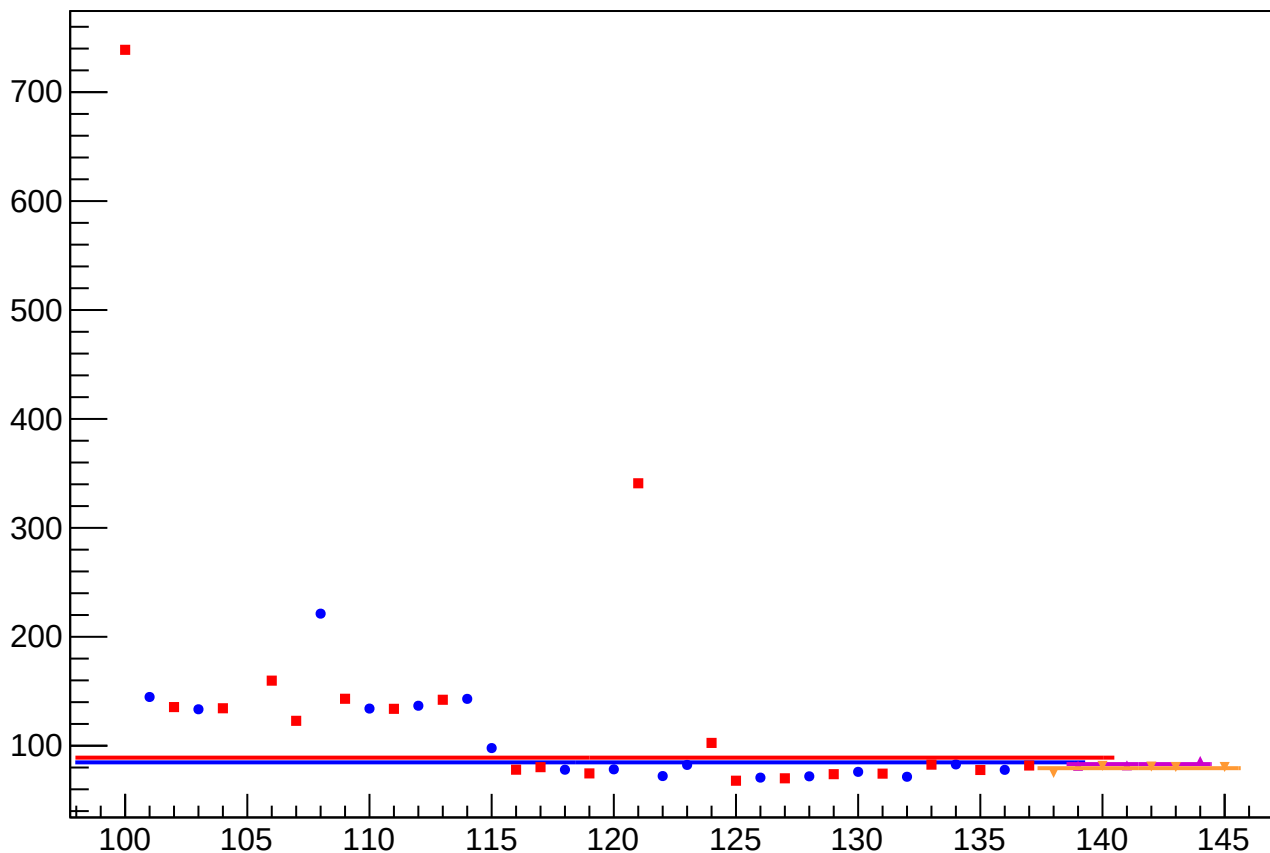
Left In: -125.436 $\pm$ 52.797 χ^2/NDF : 2.2/2

-19.638 $\pm$ 26.882 χ^2/NDF : 21.2/21

-23.879 $\pm$ 19.840 χ^2/NDF : 51.0/44

-28.951 $\pm$ 29.402 χ^2/NDF : 29.7/22

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737 ± 0.024 $\chi^2/\text{NDF}: 1064420.0/16$

Left Out: 79.396 ± 0.031 $\chi^2/\text{NDF}: 6841.9/4$

Right Out: 89.069 ± 0.025 $\chi^2/\text{NDF}: 1560299.8/19$

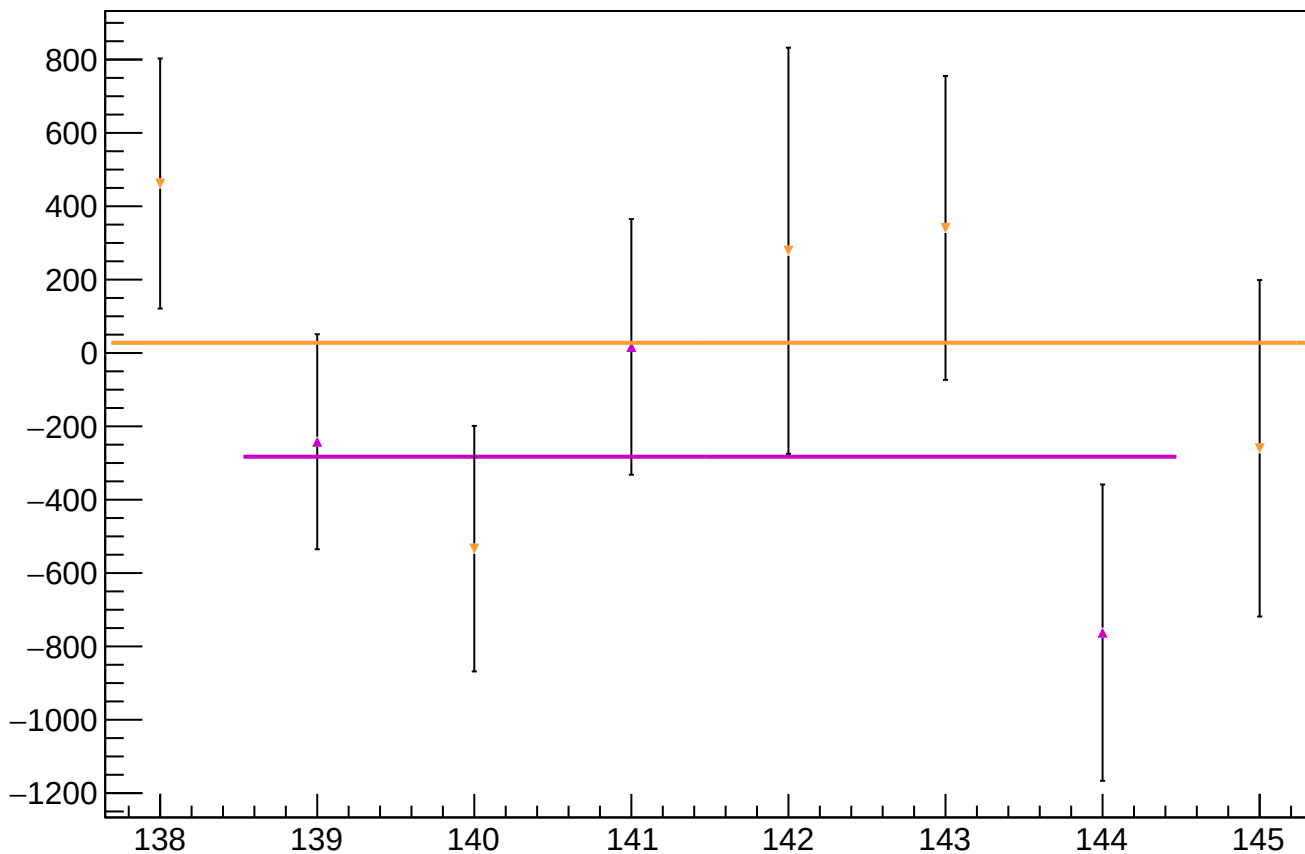
Left In: 83.141 ± 0.037 $\chi^2/\text{NDF}: 2781.3/2$

82.729 ± 0.019 $\chi^2/\text{NDF}: 1089784.3/21$

84.779 ± 0.014 $\chi^2/\text{NDF}: 2695796.4/44$

87.231 ± 0.021 $\chi^2/\text{NDF}: 1580474.6/22$

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 27.815+/-178.540 χ^2/NDF : 5.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

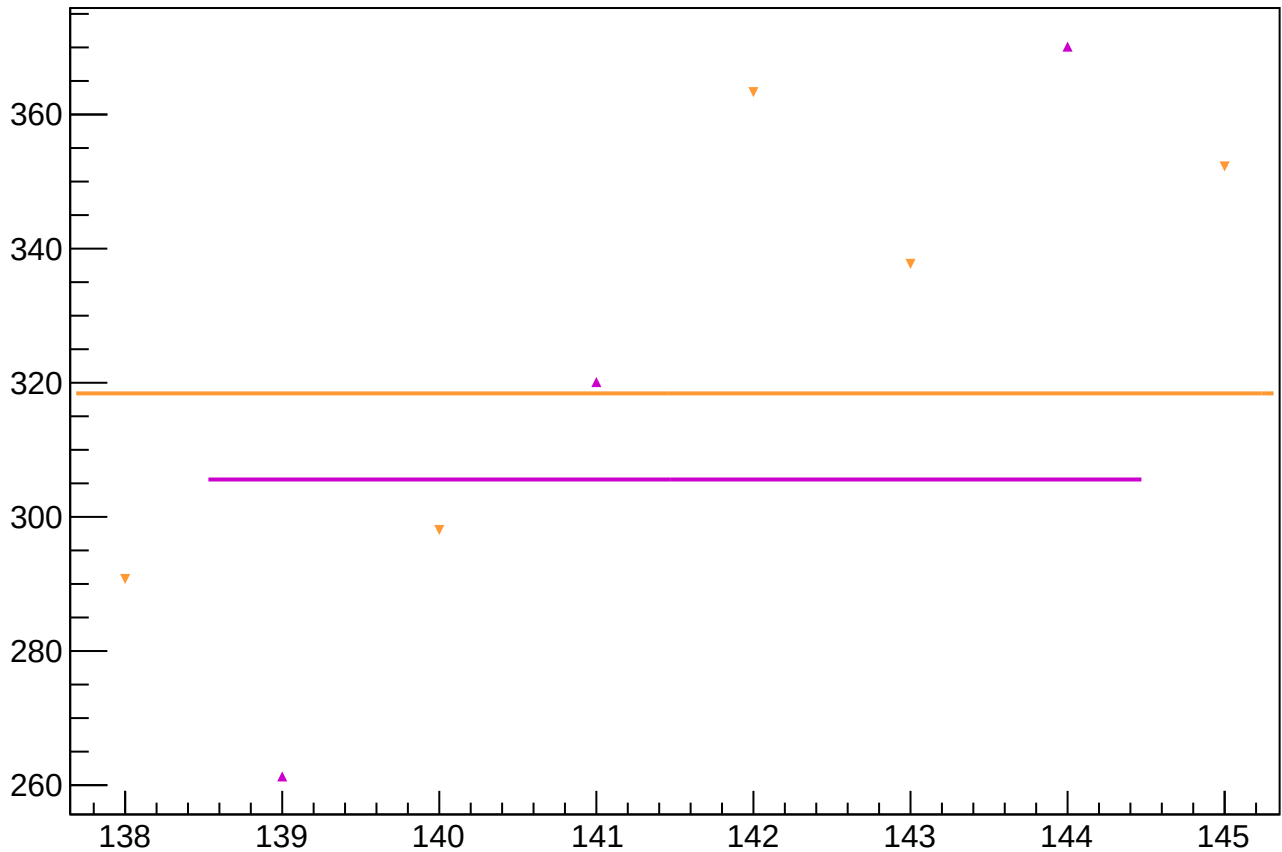
Left In: -282.803+/-196.112 χ^2/NDF : 2.2/2

27.815+/-178.540 χ^2/NDF : 5.6/4

-112.957+/-132.023 χ^2/NDF : 9.1/7

-282.803+/-196.112 χ^2/NDF : 2.2/2

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 318.414+/-0.126 χ^2/NDF : 48981.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

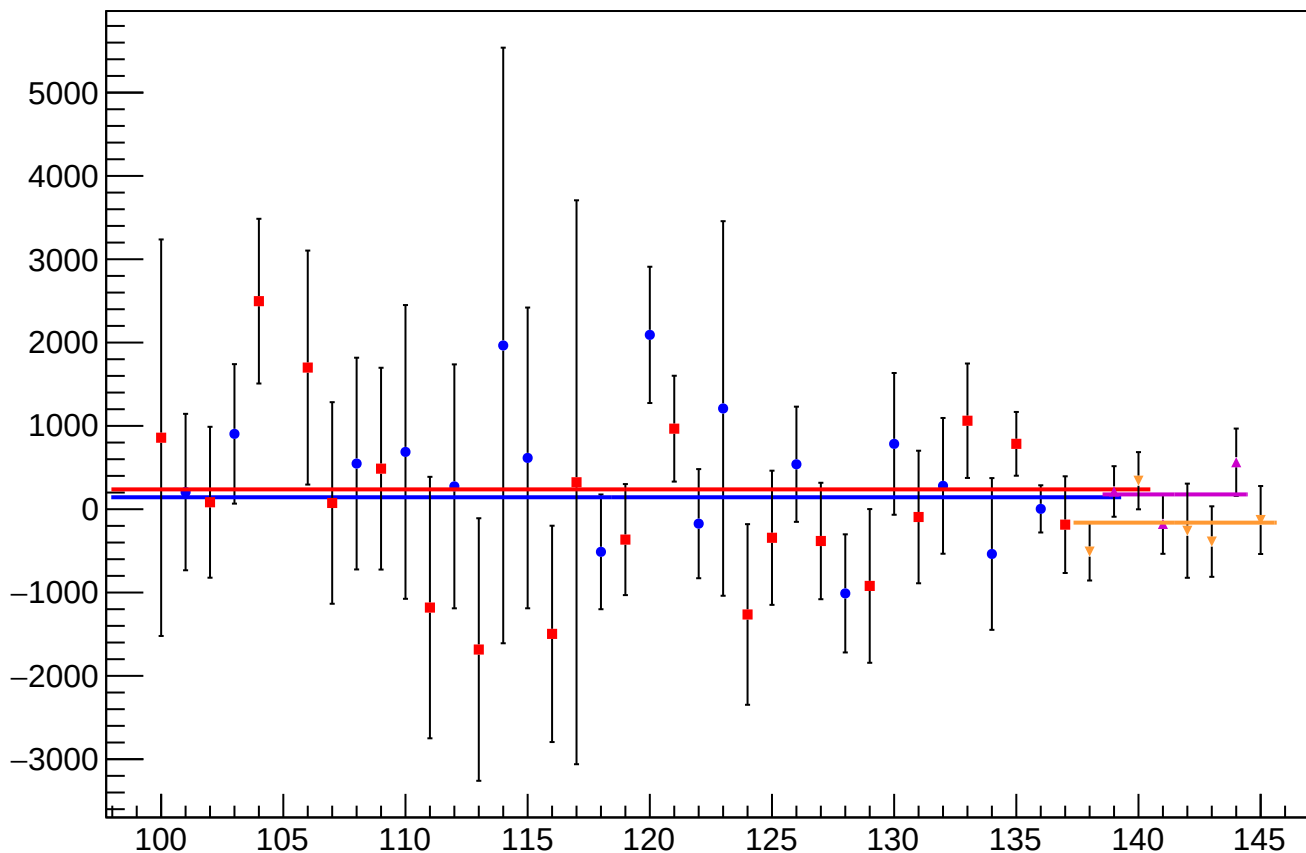
Left In: 305.577+/-0.139 χ^2/NDF : 100177.5/2

318.414+/-0.126 χ^2/NDF : 48981.8/4

312.596+/-0.093 χ^2/NDF : 153845.4/7

305.577+/-0.139 χ^2/NDF : 100177.5/2

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486 $\pm$ 179.237 χ^2 /NDF: 12.8/16

Left Out: -161.131 $\pm$ 178.112 χ^2 /NDF: 3.5/4

Right Out: 238.073 $\pm$ 183.724 χ^2 /NDF: 21.7/19

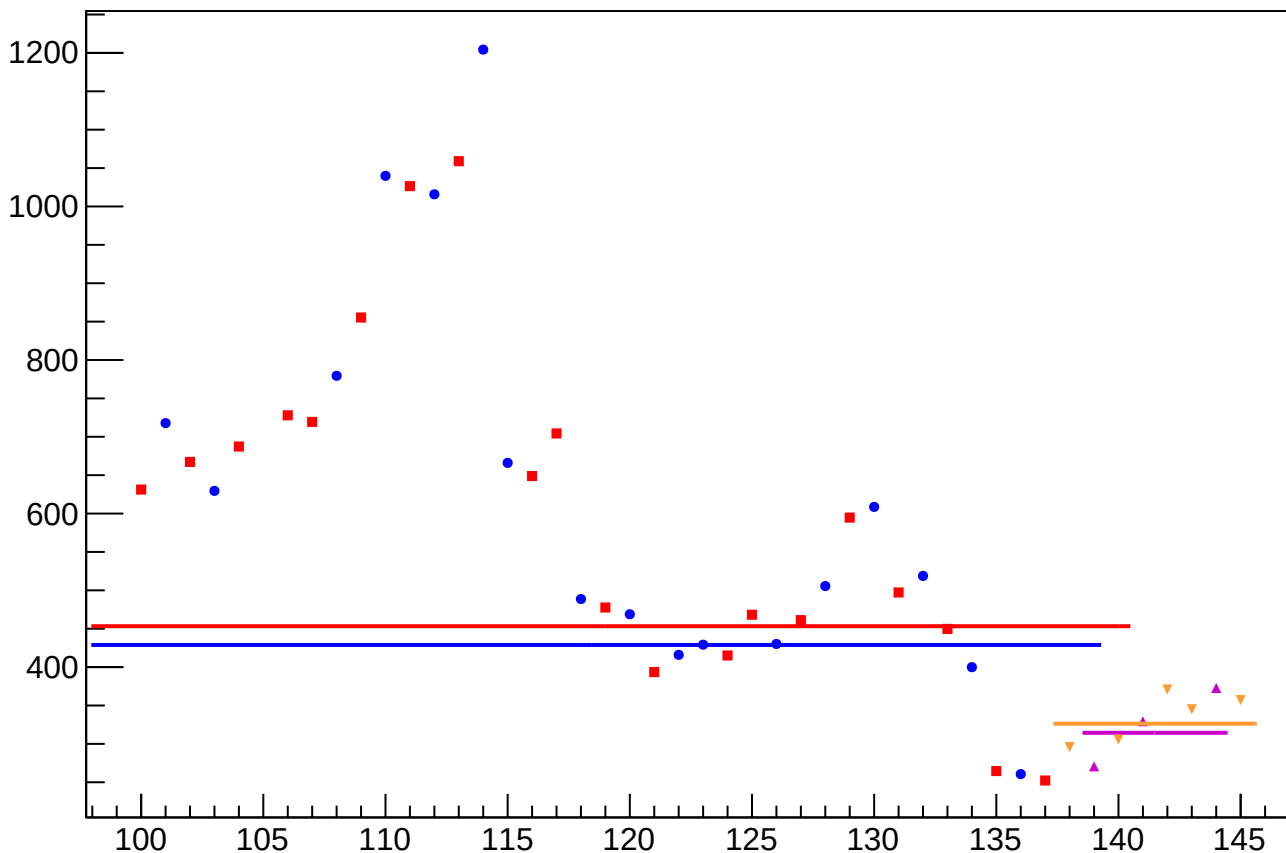
Left In: 177.581 $\pm$ 200.957 χ^2 /NDF: 1.9/2

-9.782 $\pm$ 126.340 χ^2 /NDF: 17.7/21

92.600 $\pm$ 92.435 χ^2 /NDF: 42.7/44

210.532 $\pm$ 135.596 χ^2 /NDF: 23.6/22

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856 $\pm$ 0.127 χ^2/NDF : 2012329.6/16

Left Out: 326.330 $\pm$ 0.126 χ^2/NDF : 50413.3/4

Right Out: 453.260 $\pm$ 0.130 χ^2/NDF : 2050280.3/19

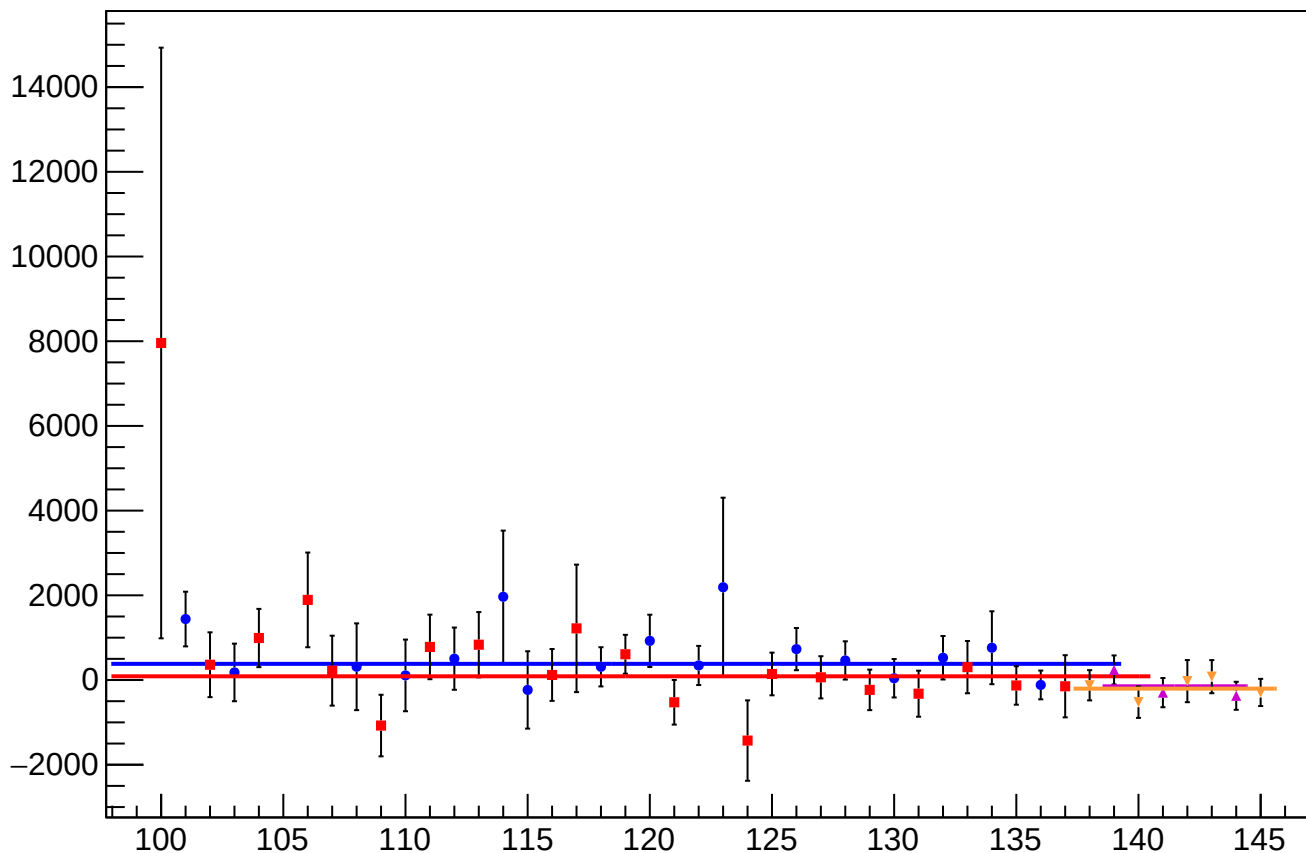
Left In: 314.459 $\pm$ 0.142 χ^2/NDF : 86803.7/2

377.270 $\pm$ 0.089 χ^2/NDF : 2392000.1/21

383.216 $\pm$ 0.065 χ^2/NDF : 5058337.5/44

390.065 $\pm$ 0.096 χ^2/NDF : 2656805.2/22

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893+/-141.192 χ^2/NDF : 9.4/16

Left Out: -203.078+/-168.123 χ^2/NDF : 1.5/4

Right Out: 87.772+/-142.821 χ^2/NDF : 17.3/19

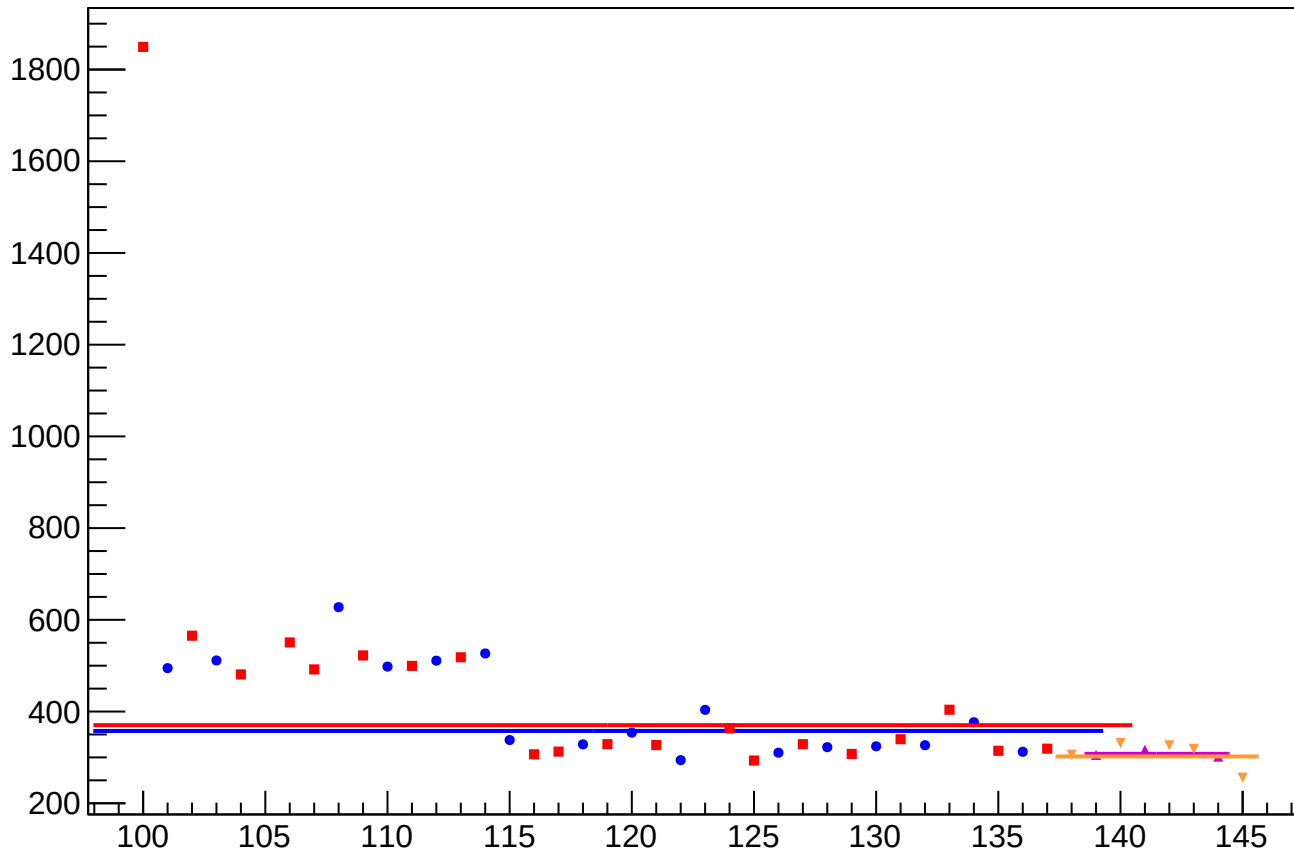
Left In: -148.408+/-195.743 χ^2/NDF : 1.9/2

139.955+/-108.121 χ^2/NDF : 18.0/21

77.189+/-78.893 χ^2/NDF : 39.0/44

5.720+/-115.375 χ^2/NDF : 20.2/22

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664 +/- 0.100 χ^2/NDF : 629671.7/16

Left Out: 302.041 +/- 0.119 χ^2/NDF : 62653.7/4

Right Out: 370.270 +/- 0.101 χ^2/NDF : 787745.4/19

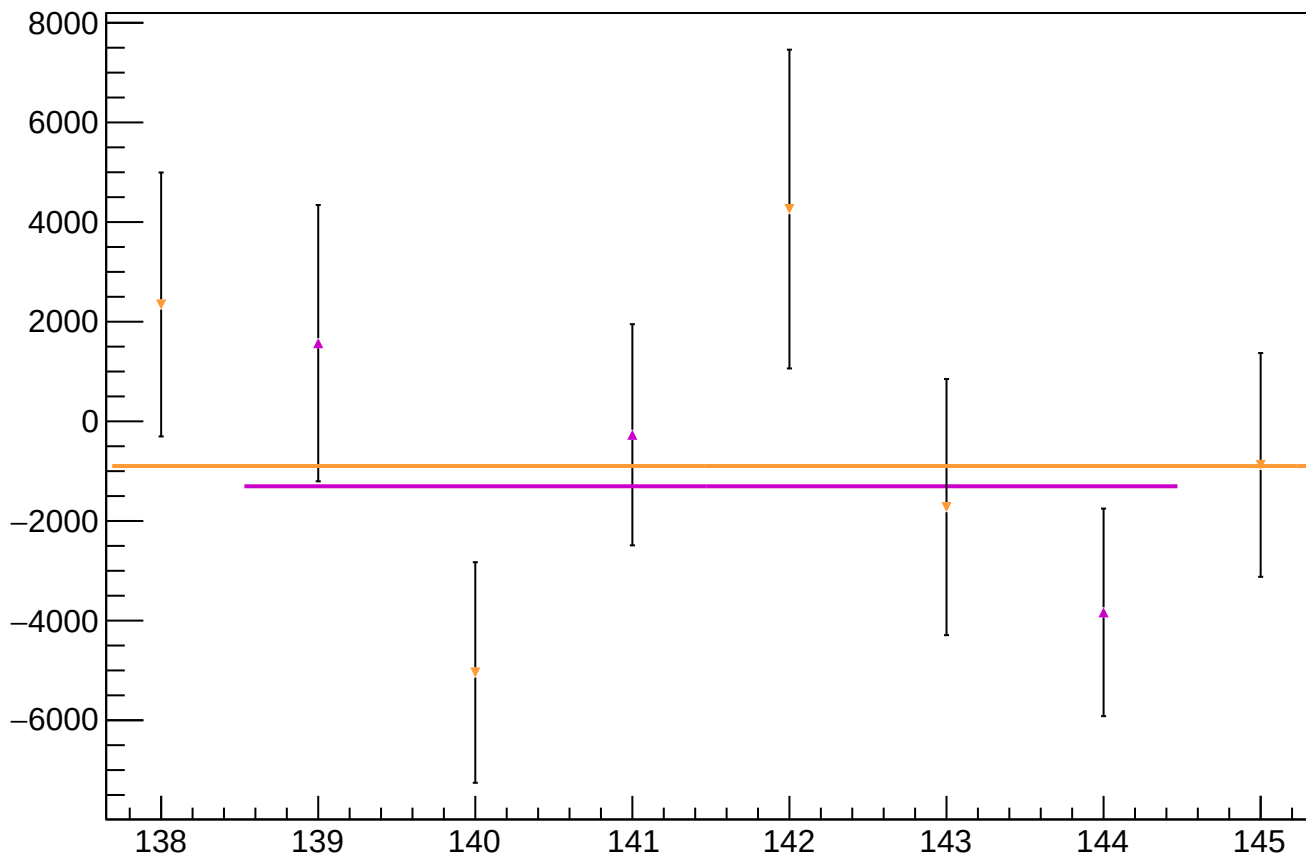
Left In: 307.756 +/- 0.138 χ^2/NDF : 2111.0/2

334.659 +/- 0.076 χ^2/NDF : 820703.9/21

341.155 +/- 0.056 χ^2/NDF : 1759121.1/44

348.552 +/- 0.082 χ^2/NDF : 922977.1/22

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -897.026+/-1122.412 χ^2/NDF : 7.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

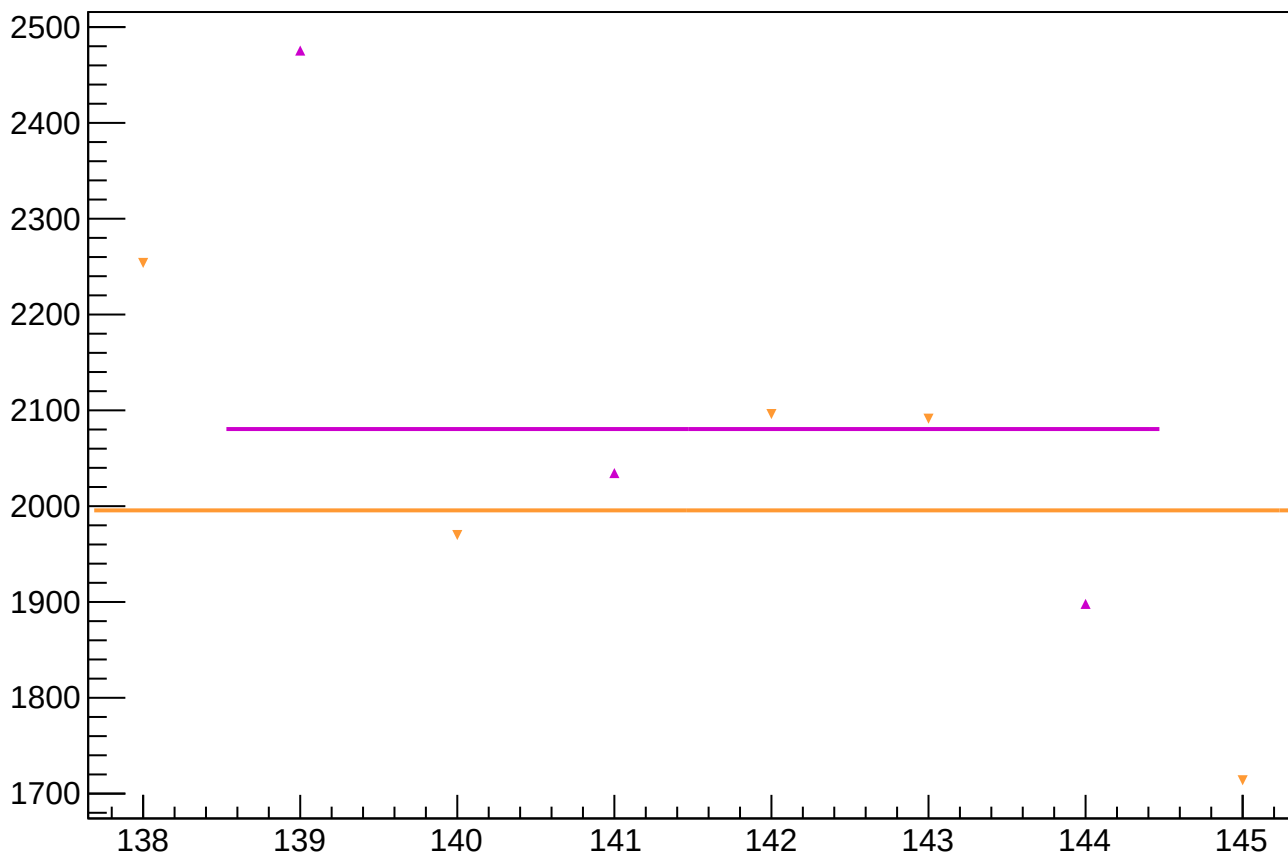
Left In: -1303.148+/-1332.329 χ^2/NDF : 2.8/2

-897.026+/-1122.412 χ^2/NDF : 7.7/4

-1065.610+/-858.403 χ^2/NDF : 10.5/7

-1303.148+/-1332.329 χ^2/NDF : 2.8/2

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1995.608+/-0.794 χ^2/NDF : 55478.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

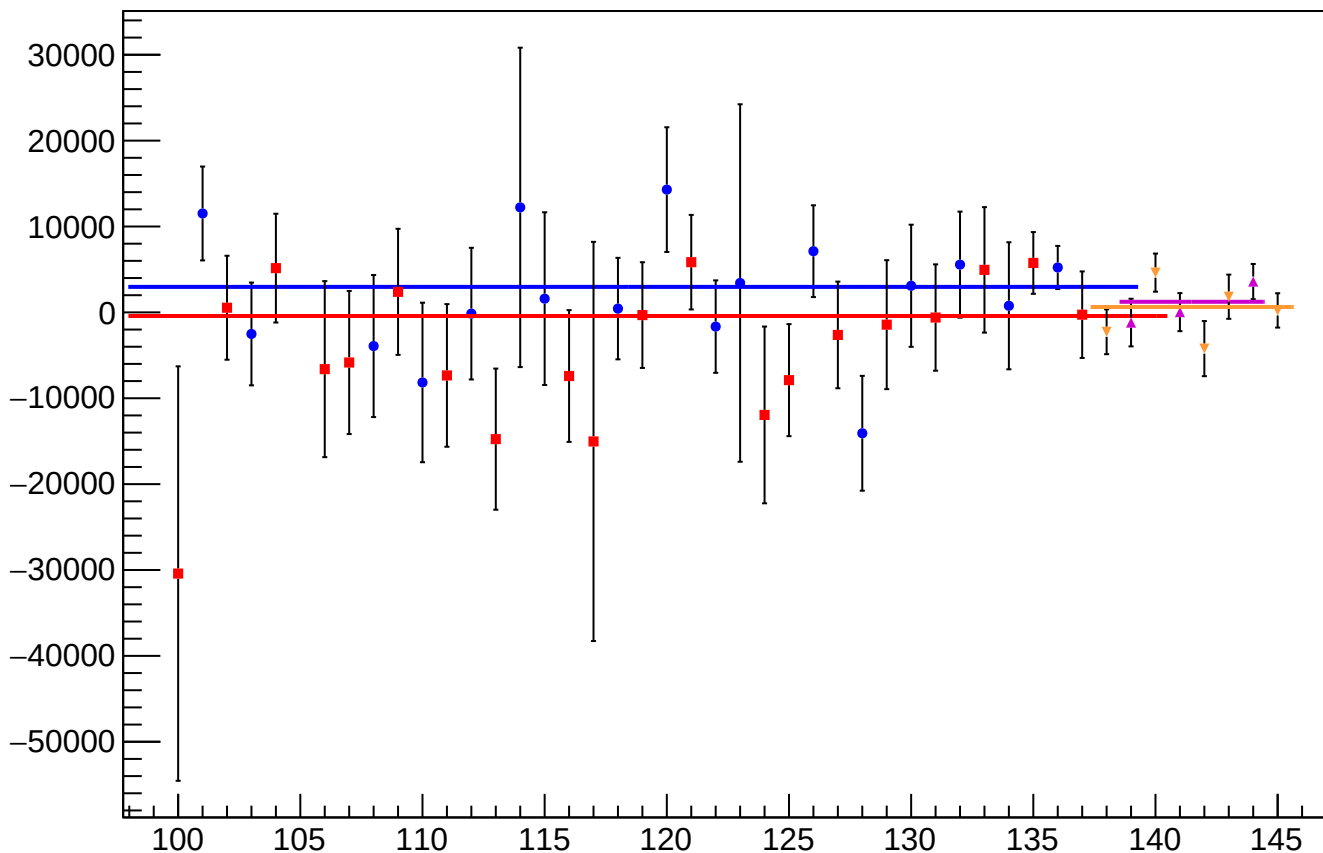
Left In: 2080.483+/-0.942 χ^2/NDF : 56775.6/2

1995.608+/-0.794 χ^2/NDF : 55478.6/4

2030.840+/-0.607 χ^2/NDF : 117001.6/7

2080.483+/-0.942 χ^2/NDF : 56775.6/2

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125 $\pm$ 1440.489 χ^2 /NDF: 17.4/16

Left Out: 627.005 $\pm$ 1086.164 χ^2 /NDF: 7.0/4

Right Out: -420.104 $\pm$ 1503.907 χ^2 /NDF: 15.7/19

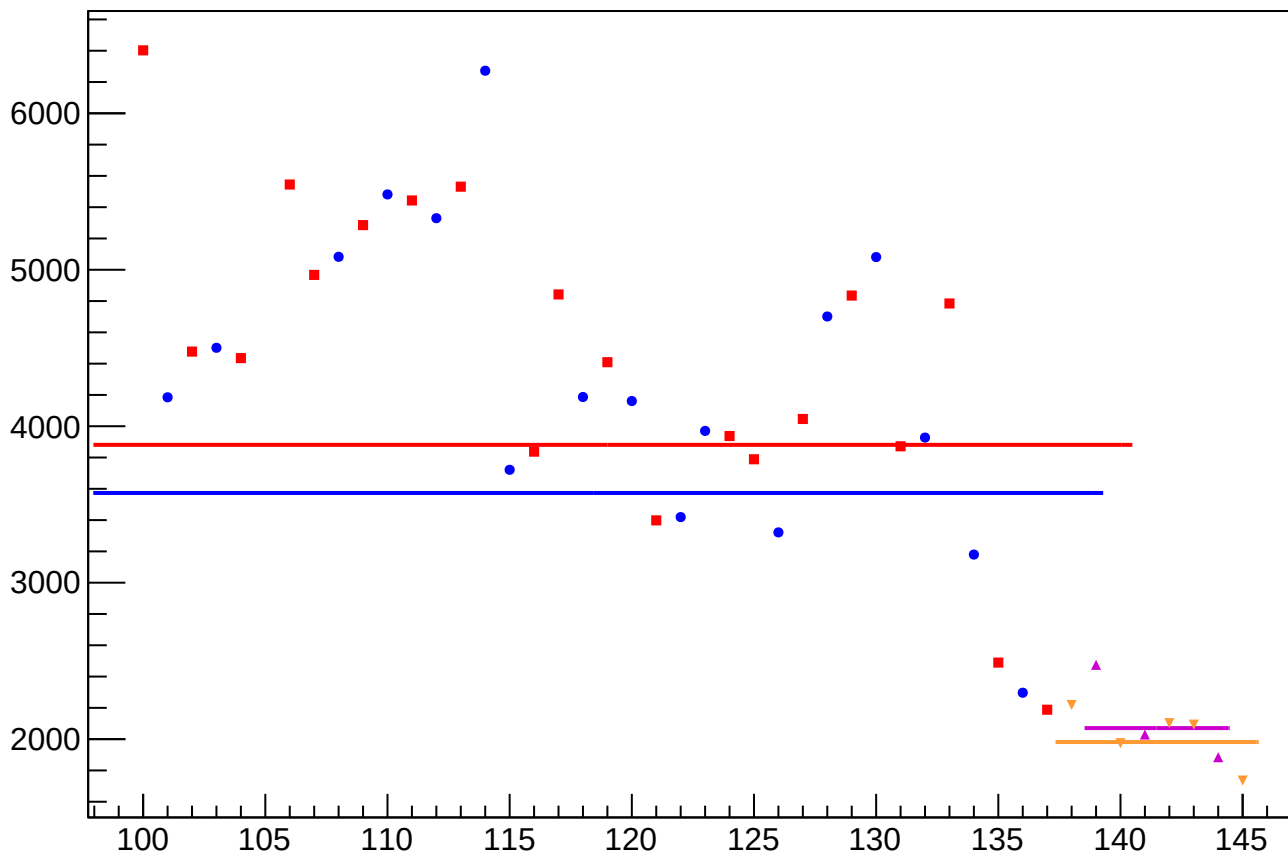
Left In: 1233.454 $\pm$ 1322.729 χ^2 /NDF: 2.4/2

1475.953 $\pm$ 867.253 χ^2 /NDF: 26.1/21

1059.045 $\pm$ 653.266 χ^2 /NDF: 45.4/44

512.229 $\pm$ 993.223 χ^2 /NDF: 18.8/22

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470+/-1.019 χ^2 /NDF: 1088731.5/16

Left Out: 1981.591+/-0.768 χ^2 /NDF: 53427.2/4

Right Out: 3880.955+/-1.063 χ^2 /NDF: 991845.4/19

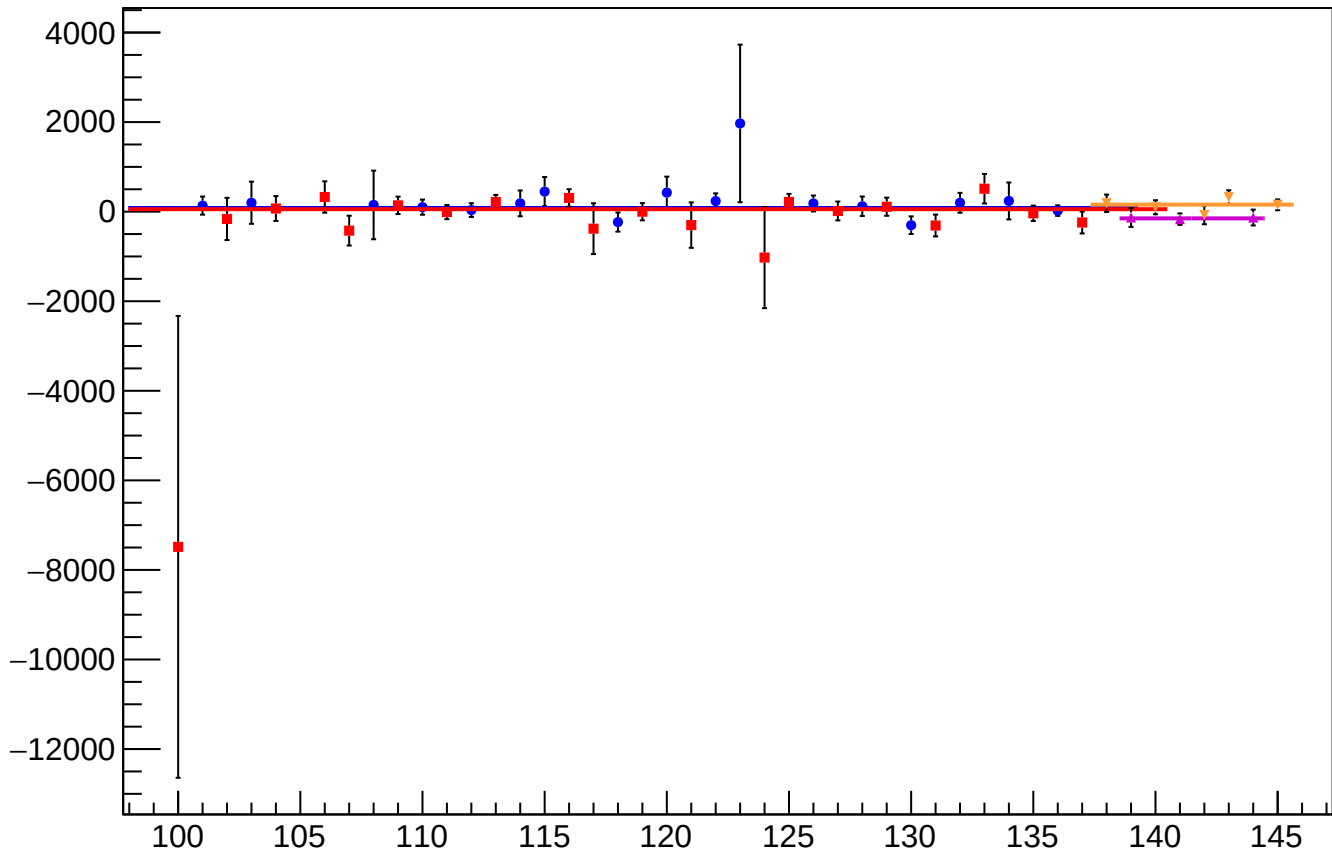
Left In: 2070.662+/-0.935 χ^2 /NDF: 59713.3/2

2558.599+/-0.613 χ^2 /NDF: 2699309.3/21

2689.093+/-0.462 χ^2 /NDF: 5489487.4/44

2860.249+/-0.702 χ^2 /NDF: 2685505.6/22

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851 $\pm$ 51.907 χ^2/NDF : 11.5/16

Left Out: 156.684 $\pm$ 70.541 χ^2/NDF : 2.6/4

Right Out: 55.188 $\pm$ 52.933 χ^2/NDF : 17.0/19

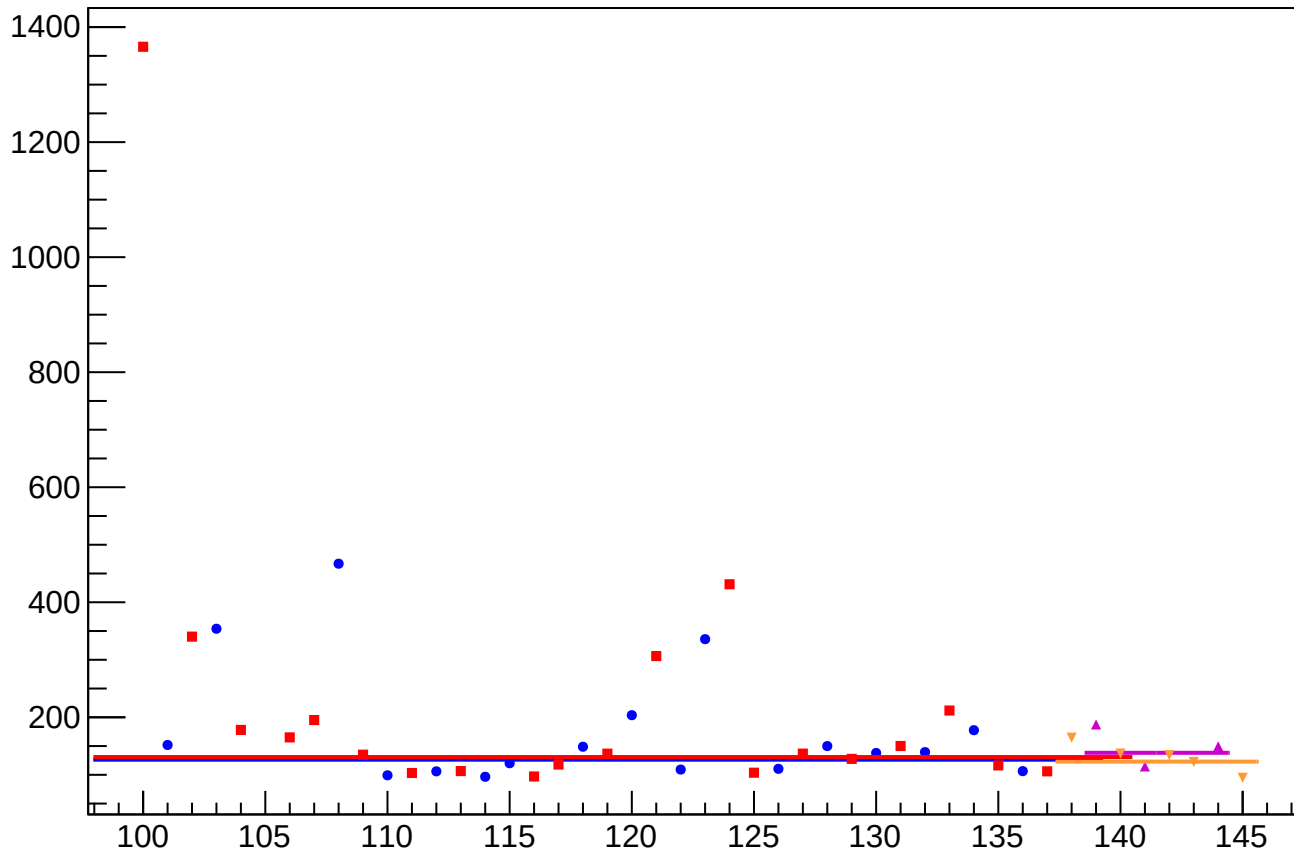
Left In: -149.856 $\pm$ 92.909 χ^2/NDF : 0.0/2

108.137 $\pm$ 41.808 χ^2/NDF : 14.9/21

61.446 $\pm$ 30.937 χ^2/NDF : 38.4/44

4.942 $\pm$ 45.993 χ^2/NDF : 20.7/22

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339+/-0.037 χ^2/NDF : 1310585.0/16

Left Out: 122.925+/-0.050 χ^2/NDF : 220634.0/4

Right Out: 130.893+/-0.037 χ^2/NDF : 1430327.9/19

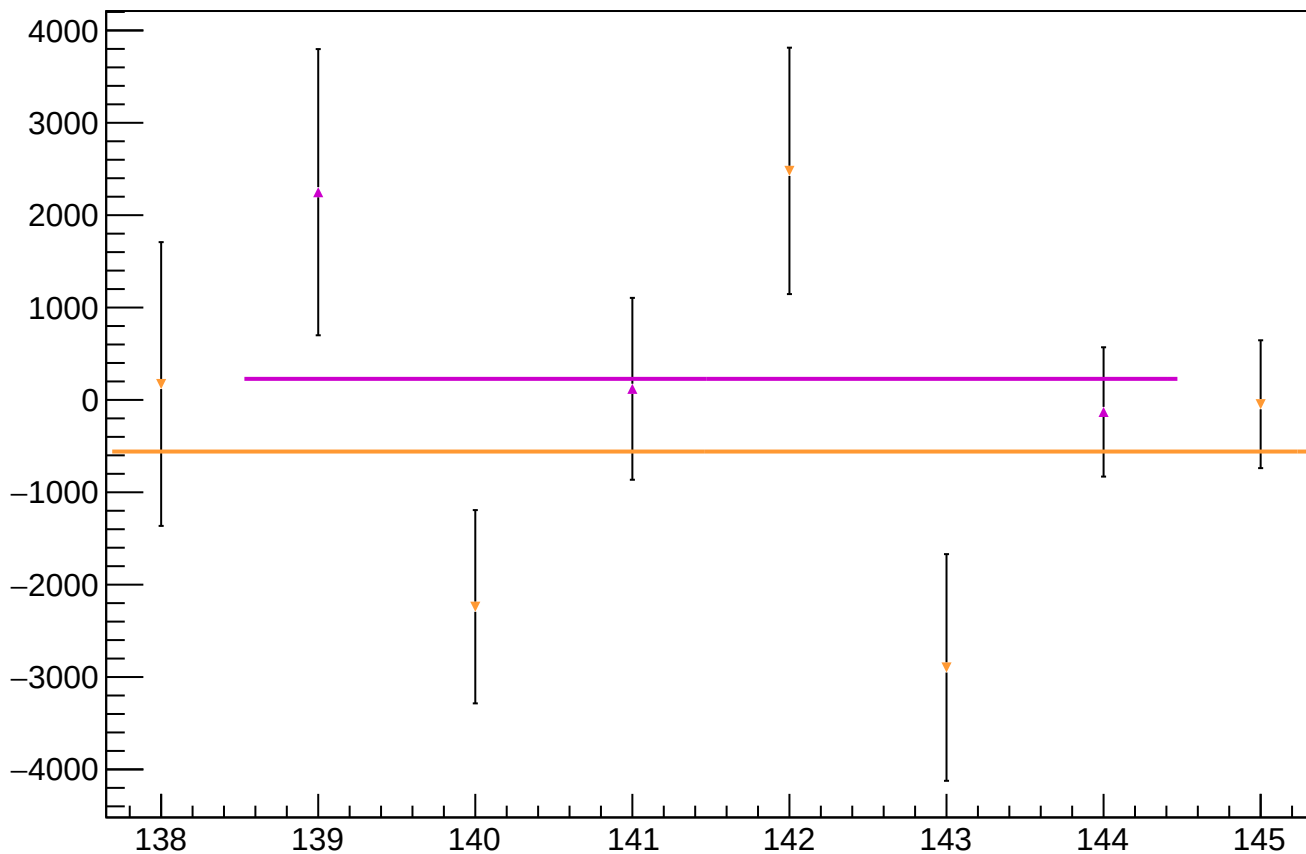
Left In: 138.267+/-0.066 χ^2/NDF : 186053.7/2

125.140+/-0.030 χ^2/NDF : 1534259.3/21

128.560+/-0.022 χ^2/NDF : 3189738.6/44

132.700+/-0.033 χ^2/NDF : 1625892.8/22

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -558.883+/-463.645 χ^2/NDF : 12.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

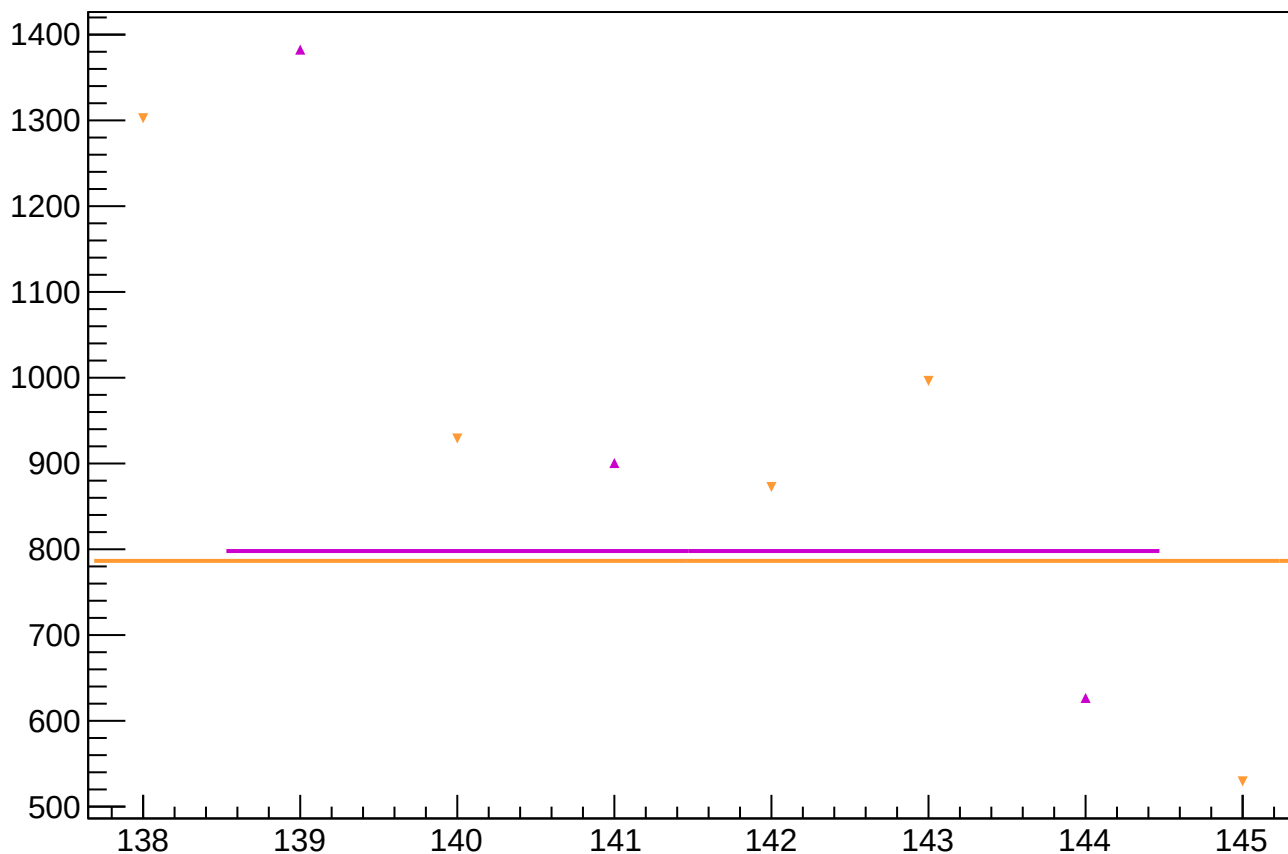
Left In: 227.993+/-535.358 χ^2/NDF : 2.0/2

-558.883+/-463.645 χ^2/NDF : 12.2/4

-221.641+/-350.479 χ^2/NDF : 15.4/7

227.993+/-535.358 χ^2/NDF : 2.0/2

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 786.479+/-0.328 χ^2/NDF : 605674.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

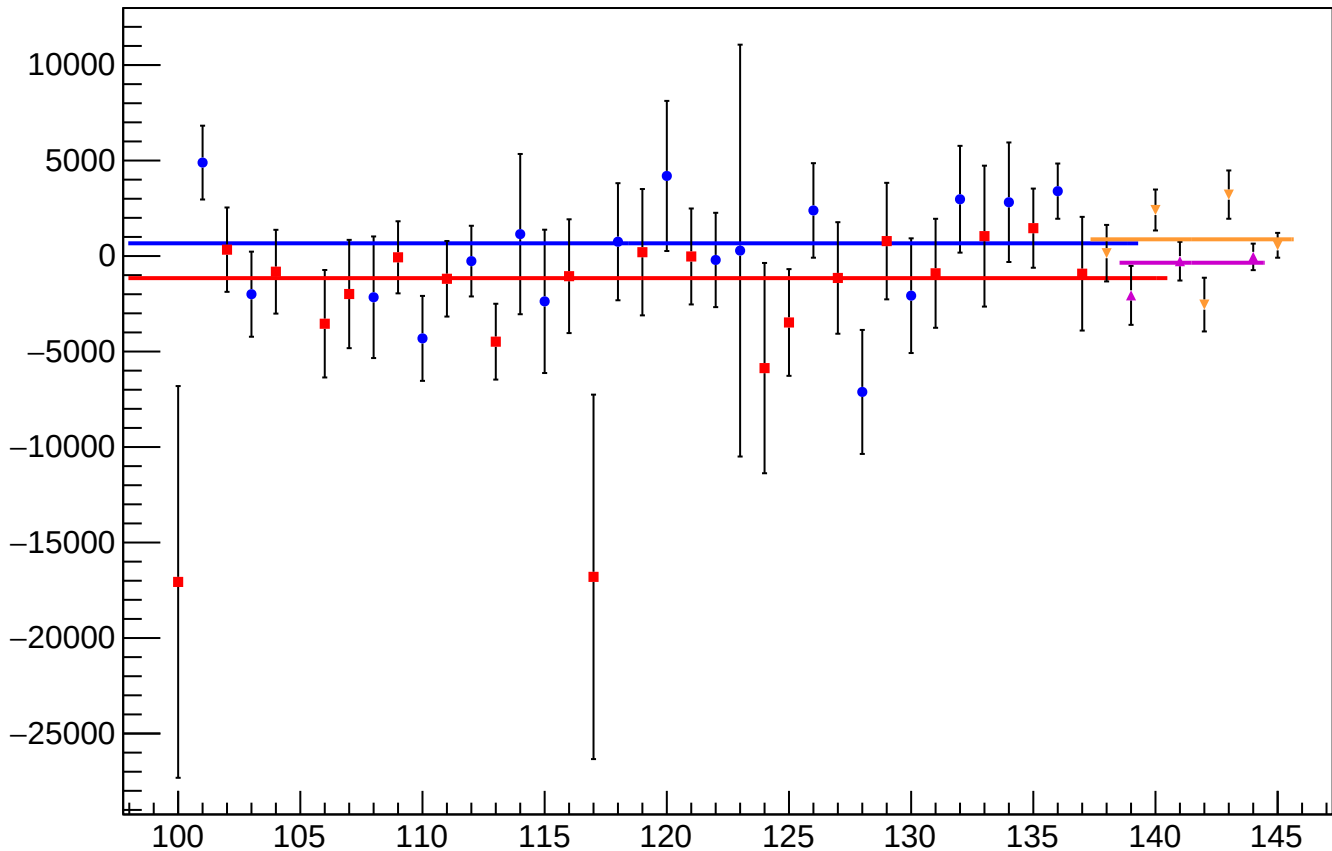
Left In: 797.955+/-0.379 χ^2/NDF : 426170.4/2

786.479+/-0.328 χ^2/NDF : 605674.5/4

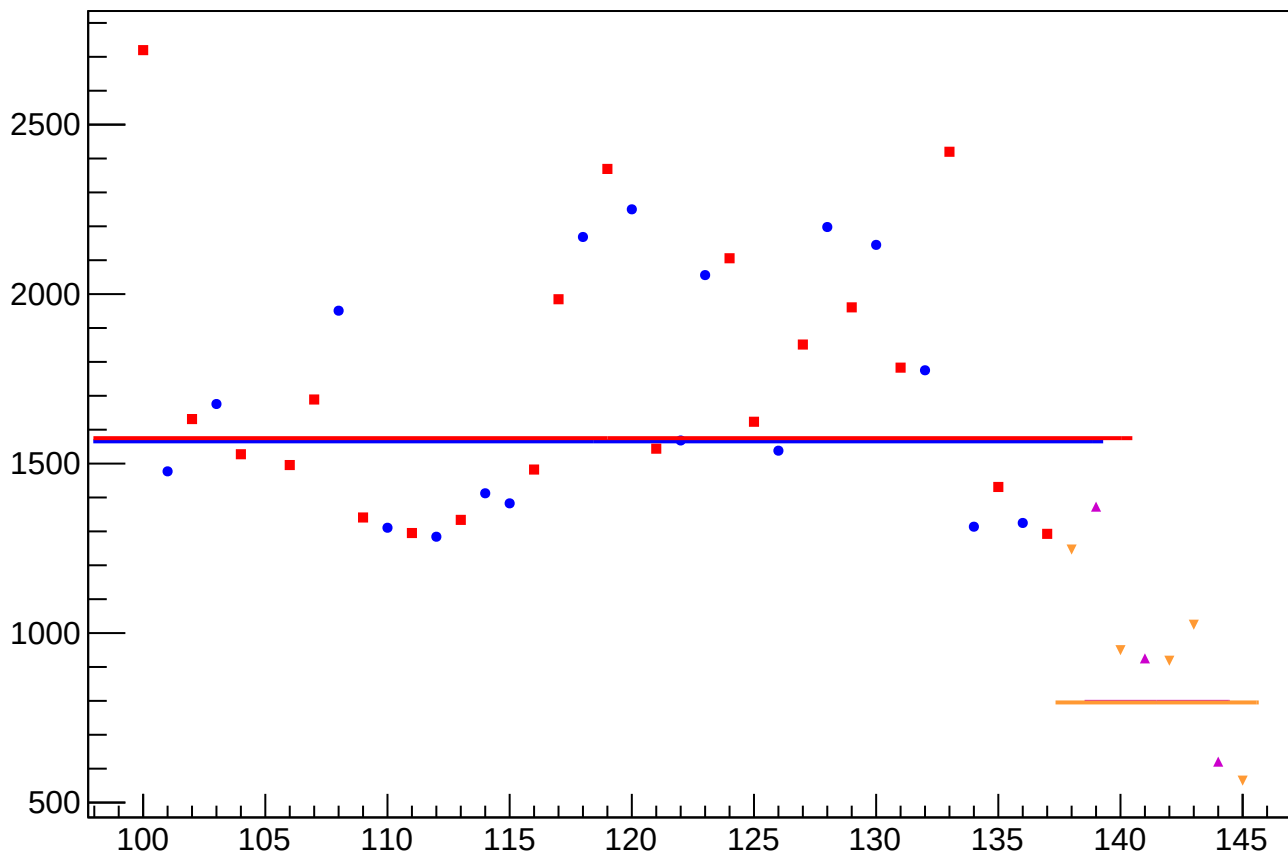
791.397+/-0.248 χ^2/NDF : 1032370.1/7

797.955+/-0.379 χ^2/NDF : 426170.4/2

asym_sam3_mean vs Slug, Sign Corrected



asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623 $\pm$ 0.438 χ^2 /NDF: 490790.2/16

Left Out: 795.352 $\pm$ 0.322 χ^2 /NDF: 560070.6/4

Right Out: 1575.001 $\pm$ 0.425 χ^2 /NDF: 465745.9/19

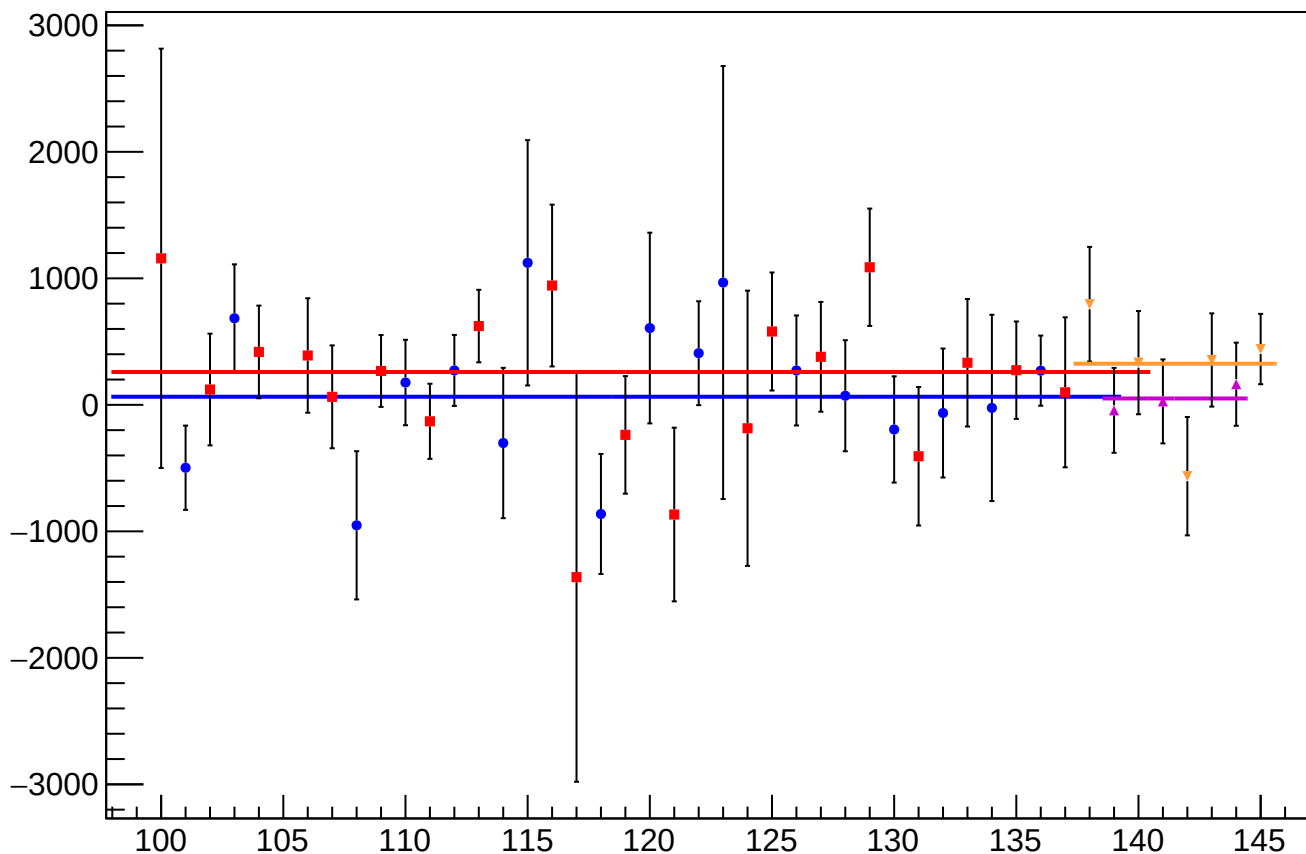
Left In: 797.077 $\pm$ 0.380 χ^2 /NDF: 439606.9/2

1065.878 $\pm$ 0.259 χ^2 /NDF: 3061186.3/21

1100.590 $\pm$ 0.191 χ^2 /NDF: 5868289.5/44

1141.981 $\pm$ 0.283 χ^2 /NDF: 2767820.9/22

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087 $\pm$ 105.336 χ^2/NDF : 16.8/16

Left Out: 325.069 $\pm$ 167.273 χ^2/NDF : 4.9/4

Right Out: 259.542 $\pm$ 99.192 χ^2/NDF : 15.7/19

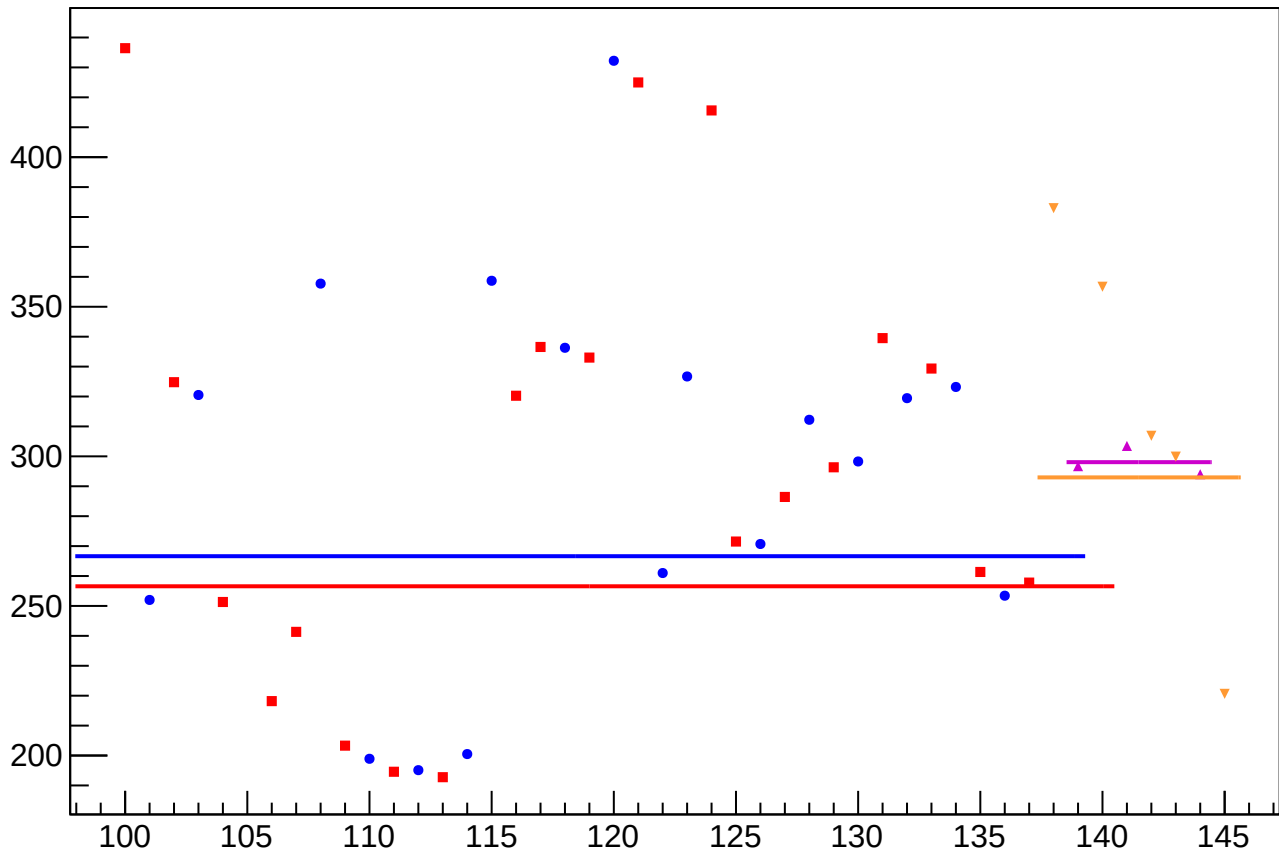
Left In: 50.427 $\pm$ 191.714 χ^2/NDF : 0.2/2

138.194 $\pm$ 89.135 χ^2/NDF : 23.4/21

177.240 $\pm$ 62.658 χ^2/NDF : 40.6/44

215.383 $\pm$ 88.099 χ^2/NDF : 16.8/22

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624 +/- 0.074 χ^2/NDF : 550752.5/16

Left Out: 292.964 +/- 0.118 χ^2/NDF : 265507.3/4

Right Out: 256.570 +/- 0.070 χ^2/NDF : 701804.1/19

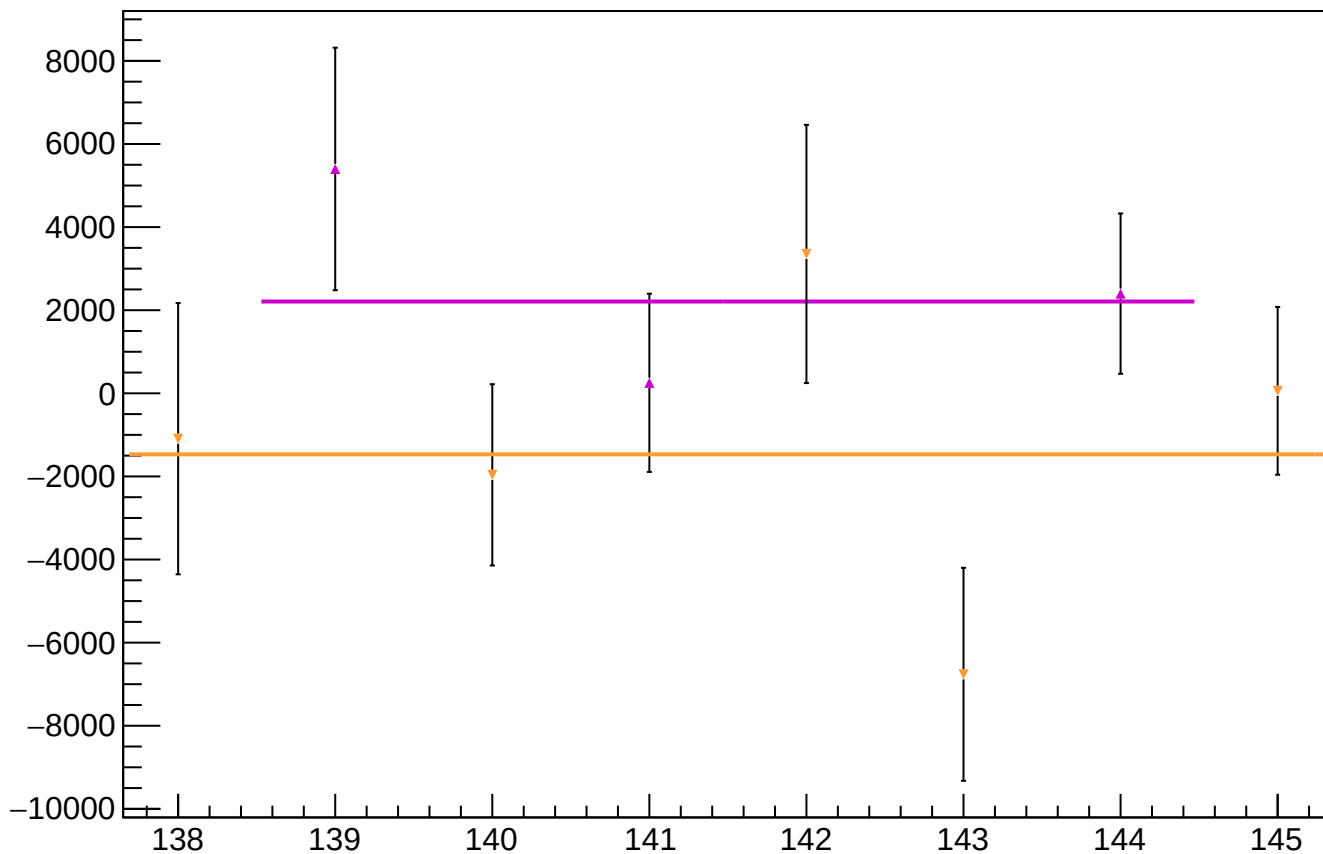
Left In: 298.058 +/- 0.136 χ^2/NDF : 866.5/2

274.104 +/- 0.063 χ^2/NDF : 851769.5/21

269.666 +/- 0.044 χ^2/NDF : 1638122.3/44

265.331 +/- 0.062 χ^2/NDF : 776553.2/22

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1468.694+/-1114.486 χ^2/NDF : 7.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

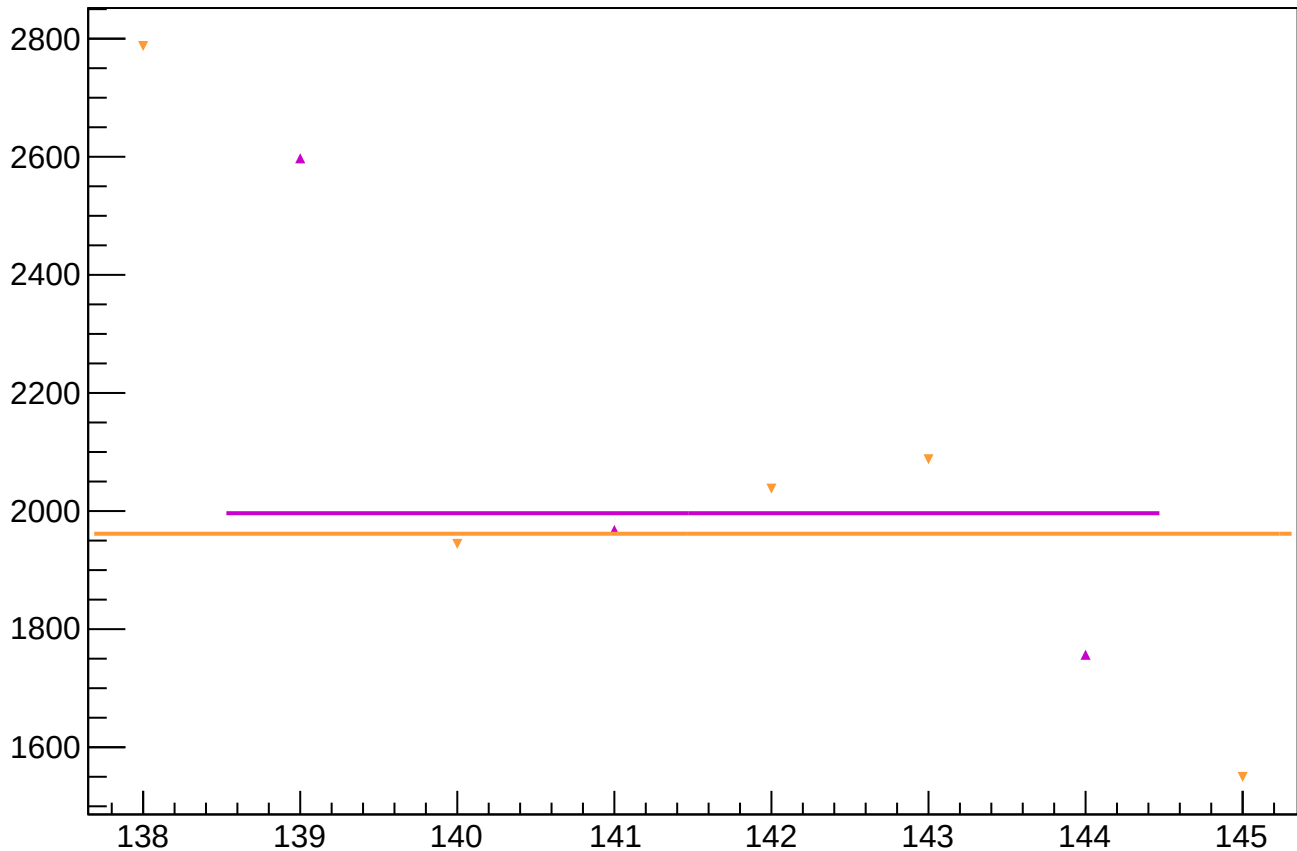
Left In: 2208.951+/-1287.121 χ^2/NDF : 2.0/2

-1468.694+/-1114.486 χ^2/NDF : 7.3/4

107.126+/-842.535 χ^2/NDF : 14.0/7

2208.951+/-1287.121 χ^2/NDF : 2.0/2

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1961.595+/-0.788 χ^2/NDF : 217478.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

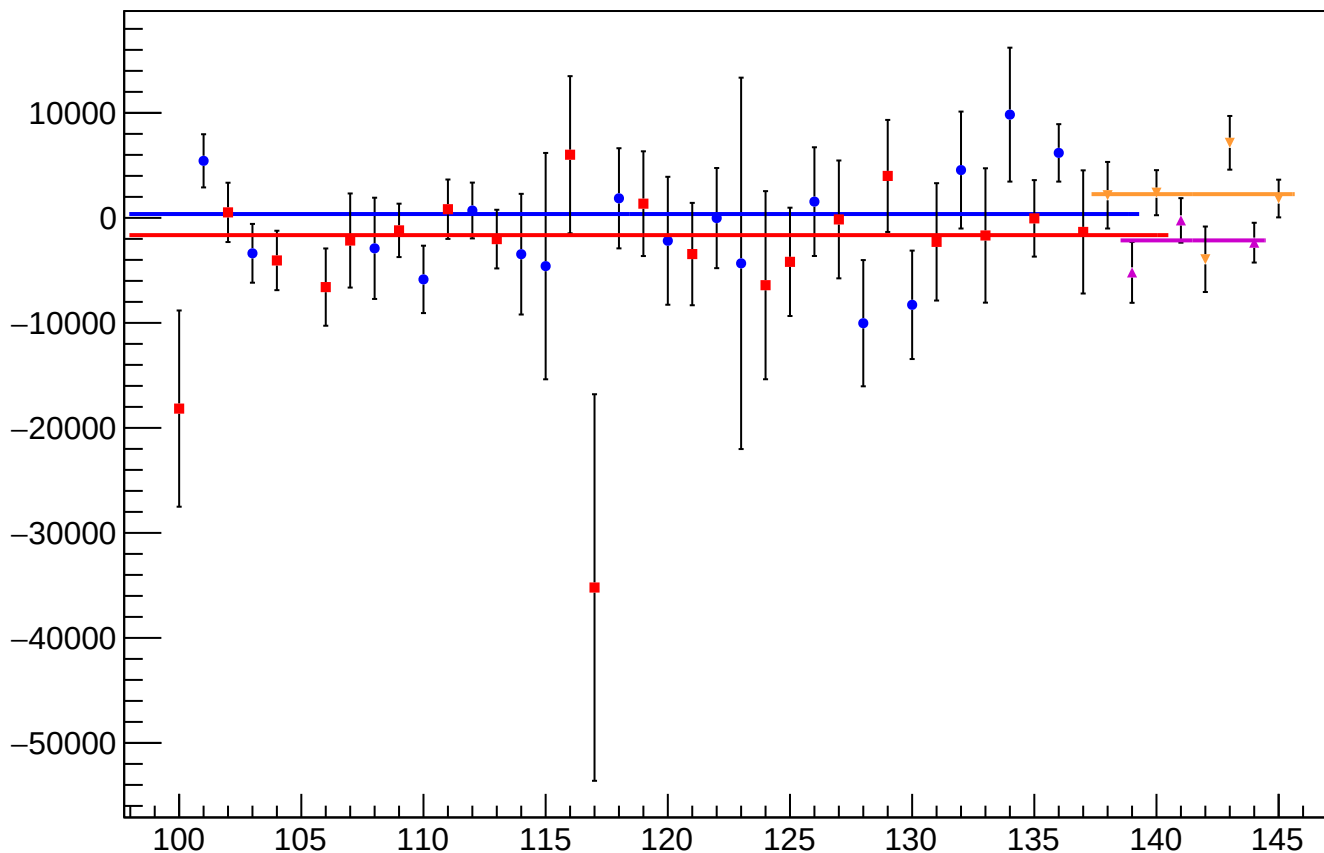
Left In: 1996.367+/-0.910 χ^2/NDF : 116057.6/2

1961.595+/-0.788 χ^2/NDF : 217478.0/4

1976.494+/-0.596 χ^2/NDF : 334369.8/7

1996.367+/-0.910 χ^2/NDF : 116057.6/2

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454 $\pm$ 992.480 χ^2 /NDF: 24.2/16

Left Out: 2260.679 $\pm$ 1064.409 χ^2 /NDF: 7.7/4

Right Out: -1641.960 $\pm$ 922.841 χ^2 /NDF: 13.9/19

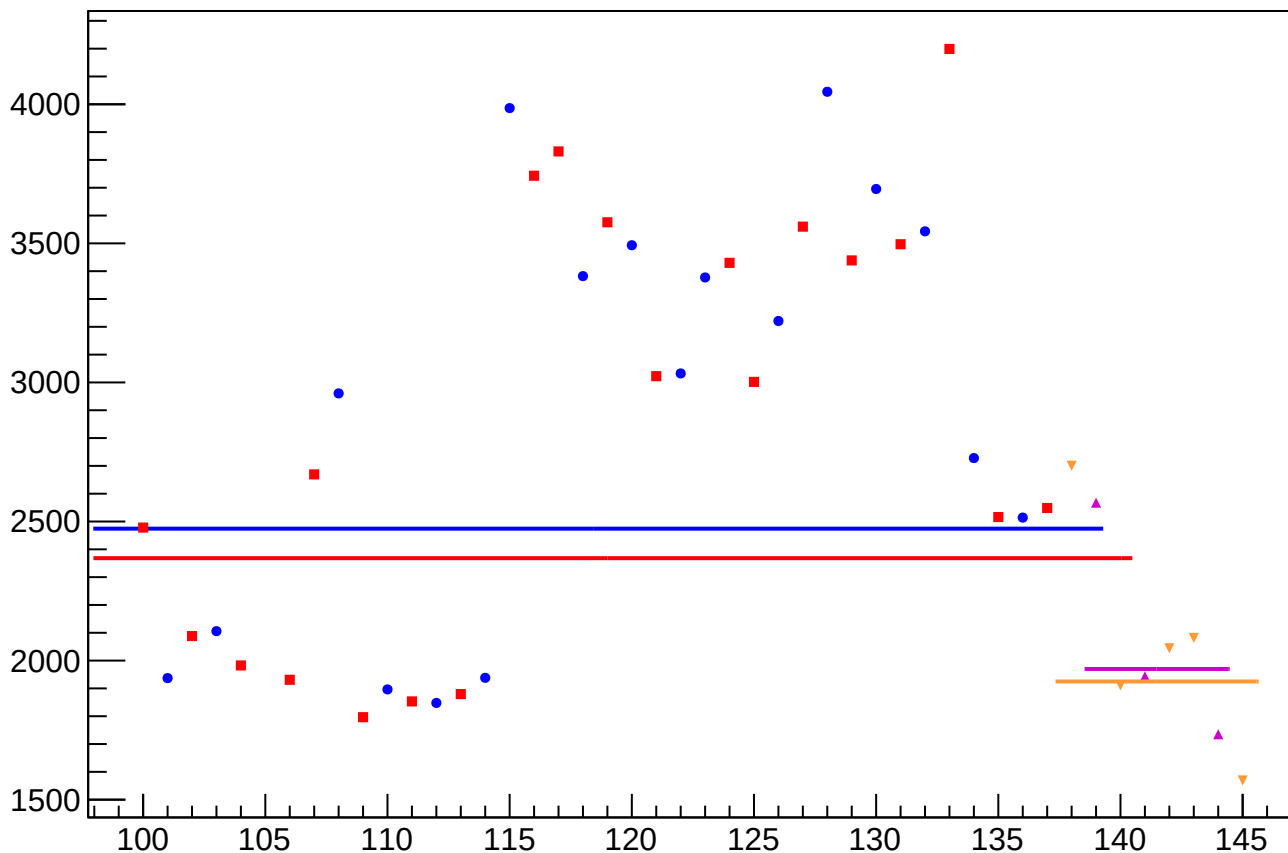
Left In: -2144.103 $\pm$ 1269.129 χ^2 /NDF: 1.9/2

1247.407 $\pm$ 725.887 χ^2 /NDF: 33.5/21

-241.487 $\pm$ 520.374 χ^2 /NDF: 58.1/44

-1815.634 $\pm$ 746.380 χ^2 /NDF: 15.9/22

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389 $\pm$ 0.702 χ^2 /NDF: 906262.1/16

Left Out: 1924.842 $\pm$ 0.753 χ^2 /NDF: 208746.3/4

Right Out: 2368.193 $\pm$ 0.653 χ^2 /NDF: 1036059.3/19

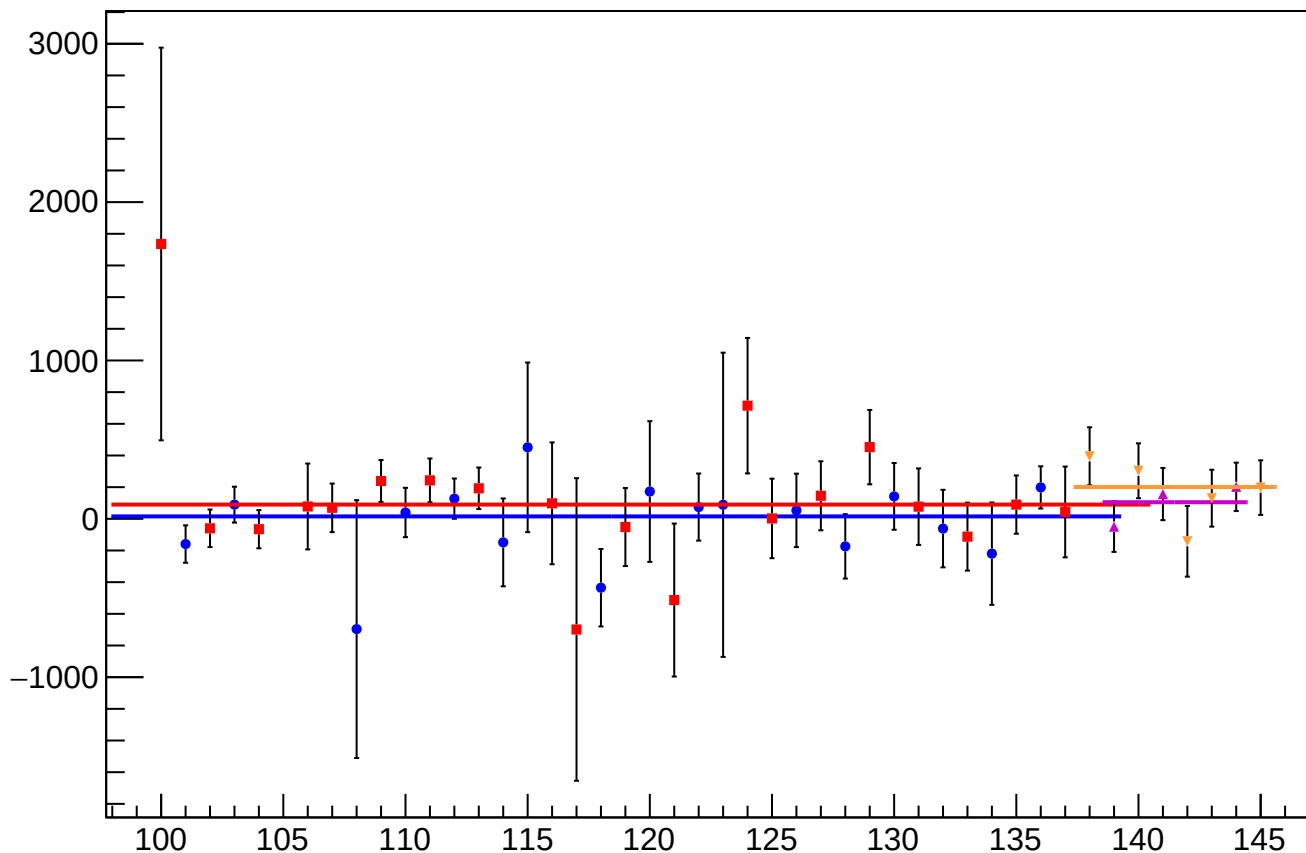
Left In: 1969.925 $\pm$ 0.897 χ^2 /NDF: 116371.2/2

2218.809 $\pm$ 0.513 χ^2 /NDF: 1400187.1/21

2224.465 $\pm$ 0.368 χ^2 /NDF: 2681702.8/44

2230.445 $\pm$ 0.528 χ^2 /NDF: 1281265.9/22

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303+/-46.443 χ^2/NDF : 12.6/16

Left Out: 200.881+/-82.272 χ^2/NDF : 4.0/4

Right Out: 90.013+/-43.274 χ^2/NDF : 16.3/19

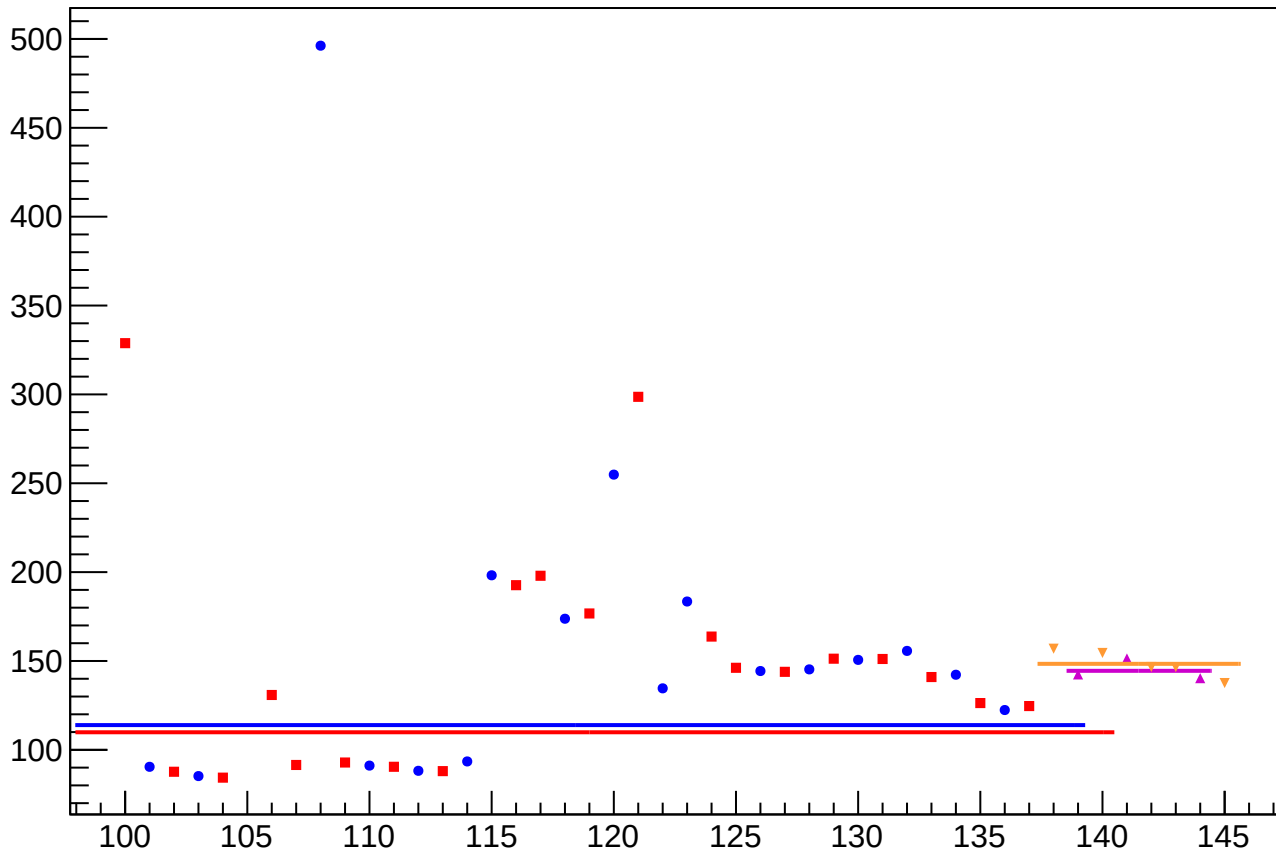
Left In: 104.951+/-91.735 χ^2/NDF : 1.4/2

60.150+/-40.444 χ^2/NDF : 20.4/21

76.976+/-28.125 χ^2/NDF : 38.5/44

92.732+/-39.138 χ^2/NDF : 17.8/22

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932 $\pm$ 0.033 χ^2 /NDF: 1407849.3/16

Left Out: 148.398 $\pm$ 0.058 χ^2 /NDF:15023.2/4

Right Out: 109.890 $\pm$ 0.031 χ^2 /NDF: 1259035.3/19

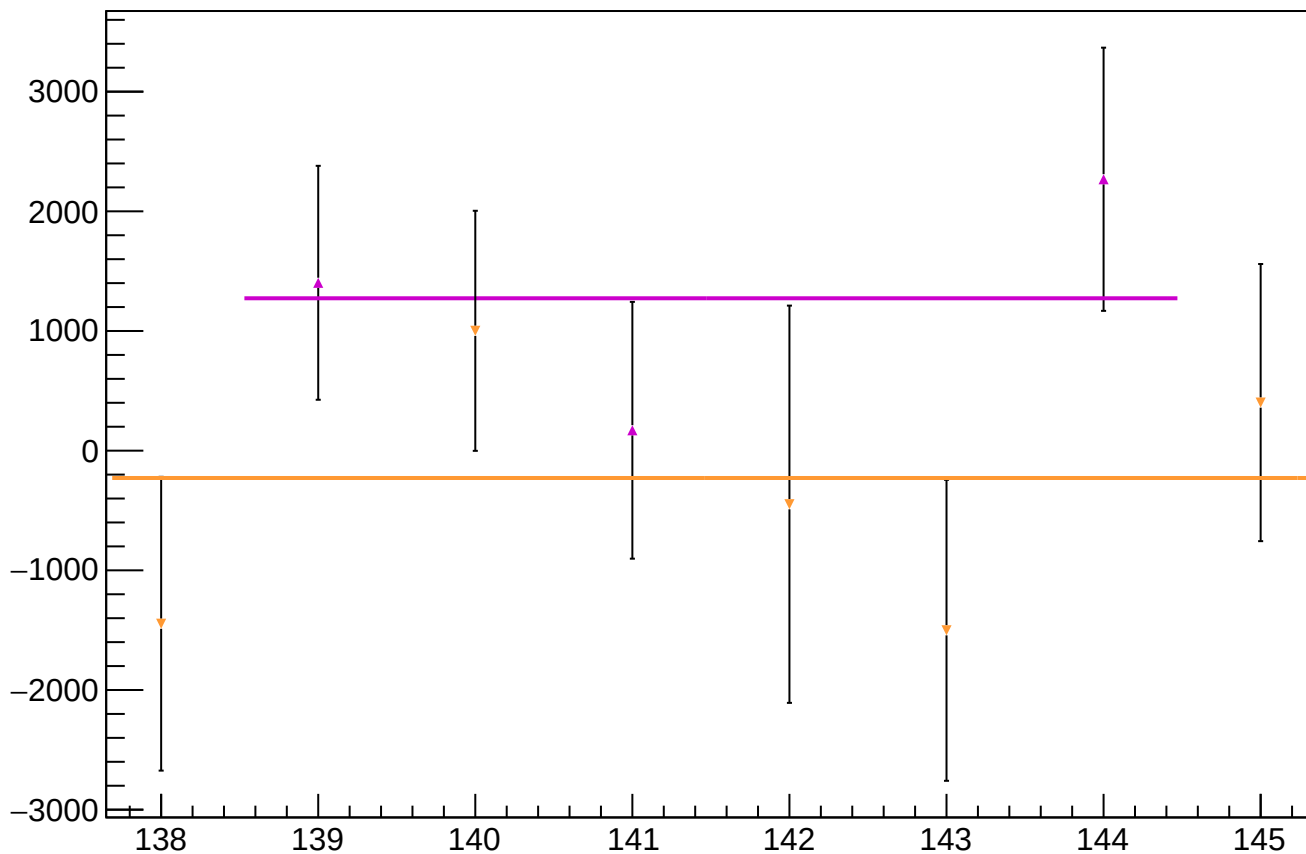
Left In: 144.467 $\pm$ 0.065 χ^2 /NDF:5349.3/2

122.261 $\pm$ 0.029 χ^2 /NDF: 1689051.8/21

119.123 $\pm$ 0.020 χ^2 /NDF: 3209167.6/44

116.184 $\pm$ 0.028 χ^2 /NDF: 1496799.1/22

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -228.388+/-542.419 χ^2/NDF : 3.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

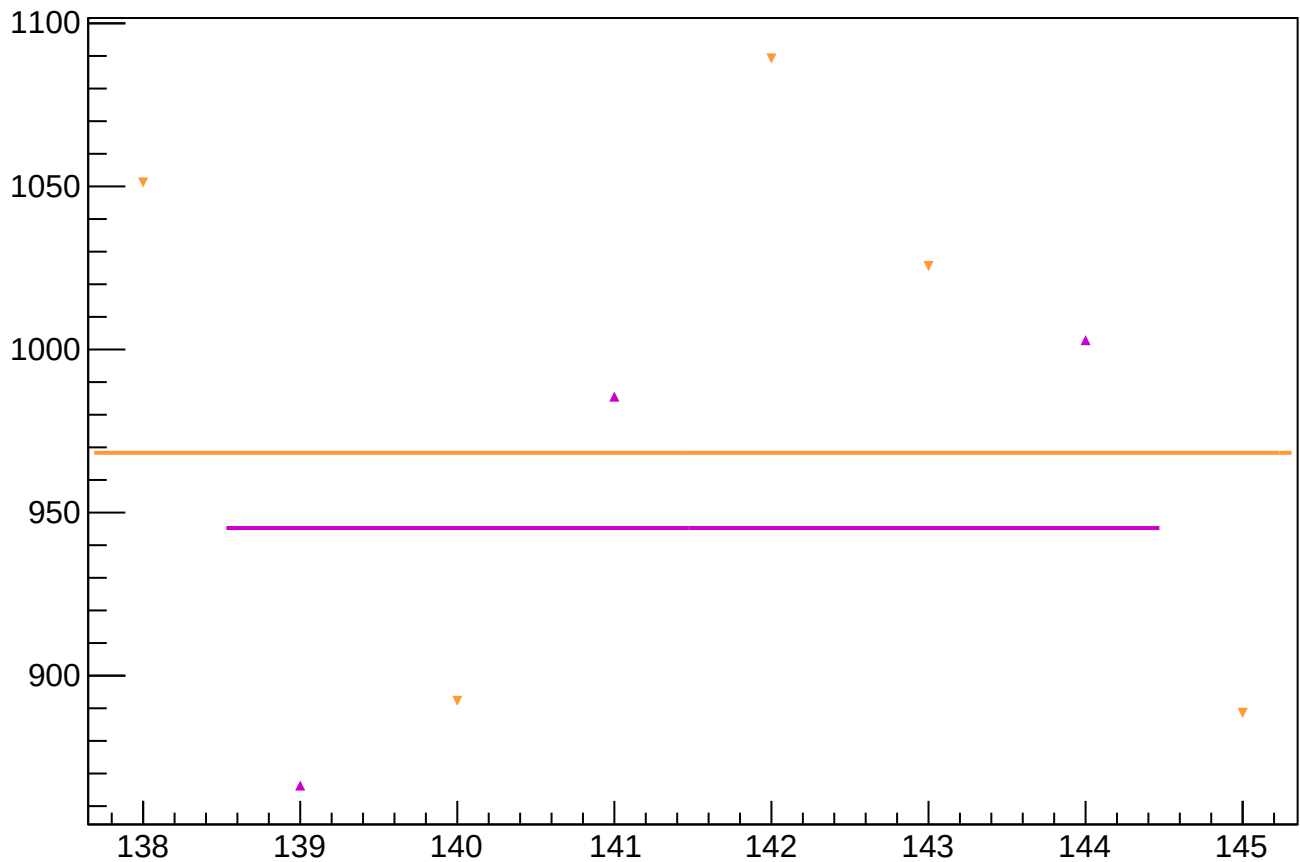
Left In: 1273.354+/-603.862 χ^2/NDF : 1.9/2

-228.388+/-542.419 χ^2/NDF : 3.8/4

442.218+/-403.528 χ^2/NDF : 9.1/7

1273.354+/-603.862 χ^2/NDF : 1.9/2

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 968.330+/-0.384 χ^2/NDF : 44852.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

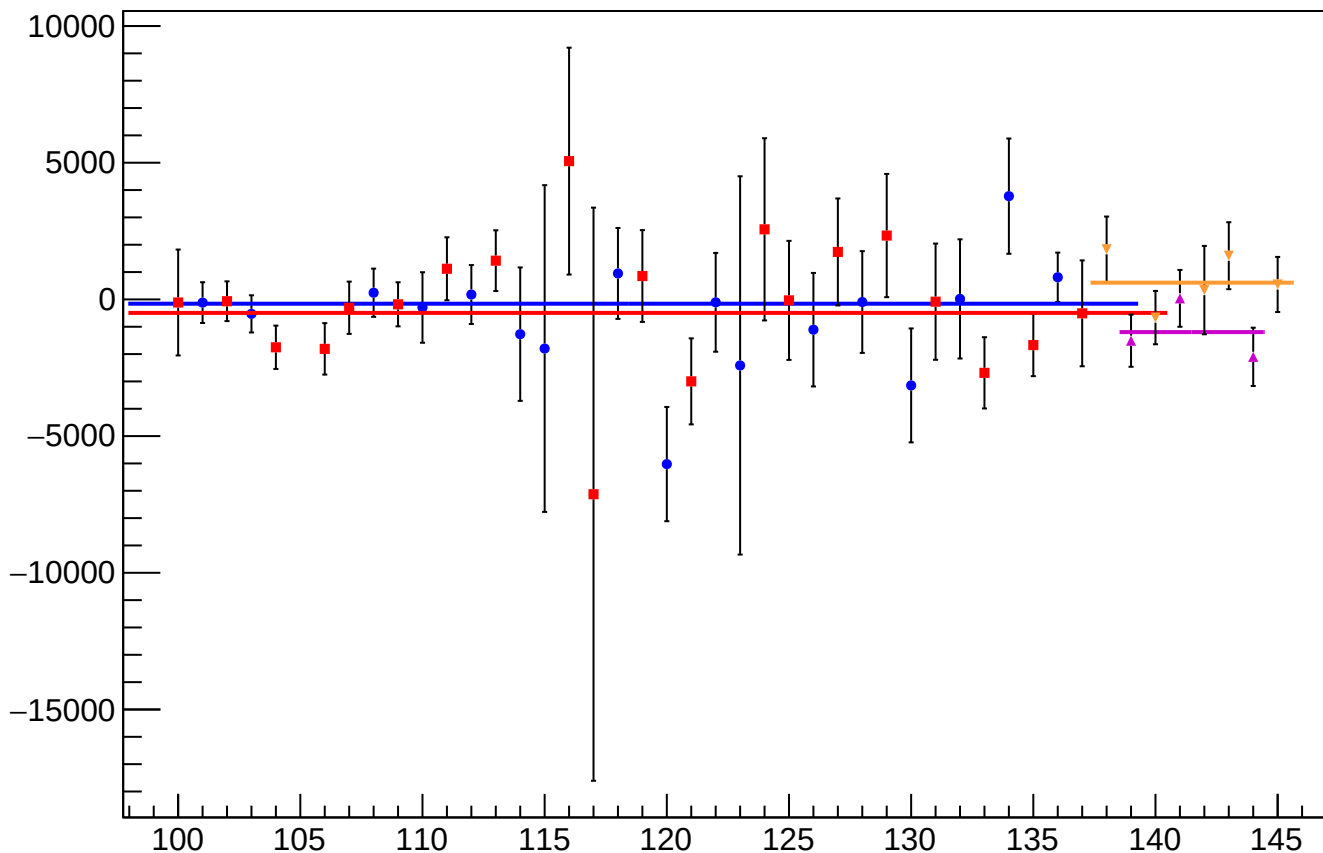
Left In: 945.265+/-0.427 χ^2/NDF : 21360.3/2

968.330+/-0.384 χ^2/NDF : 44852.6/4

958.031+/-0.285 χ^2/NDF : 67827.8/7

945.265+/-0.427 χ^2/NDF : 21360.3/2

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF : 16.2/16

Left Out: 612.559+/-514.160 χ^2/NDF : 3.4/4

Right Out: -493.409+/-282.656 χ^2/NDF : 23.0/19

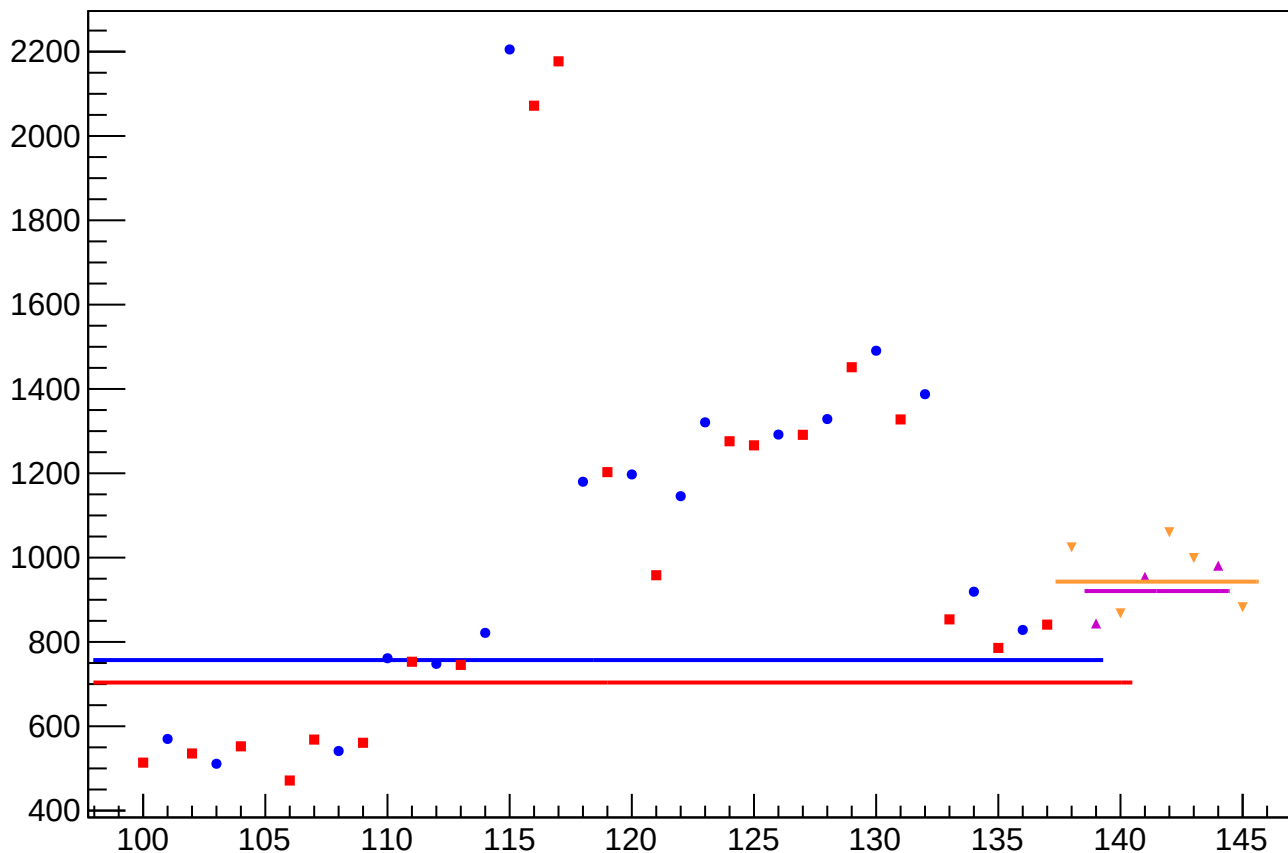
Left In: -1195.438+/-586.863 χ^2/NDF : 2.2/2

50.463+/-267.044 χ^2/NDF : 21.3/21

-303.610+/-184.294 χ^2/NDF : 51.1/44

-625.598+/-254.658 χ^2/NDF : 26.4/22

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 943.011 $\pm$ 0.364 χ^2 /NDF: 43056.1/4

Right Out: 703.728 $\pm$ 0.200 χ^2 /NDF: 1729114.9/19

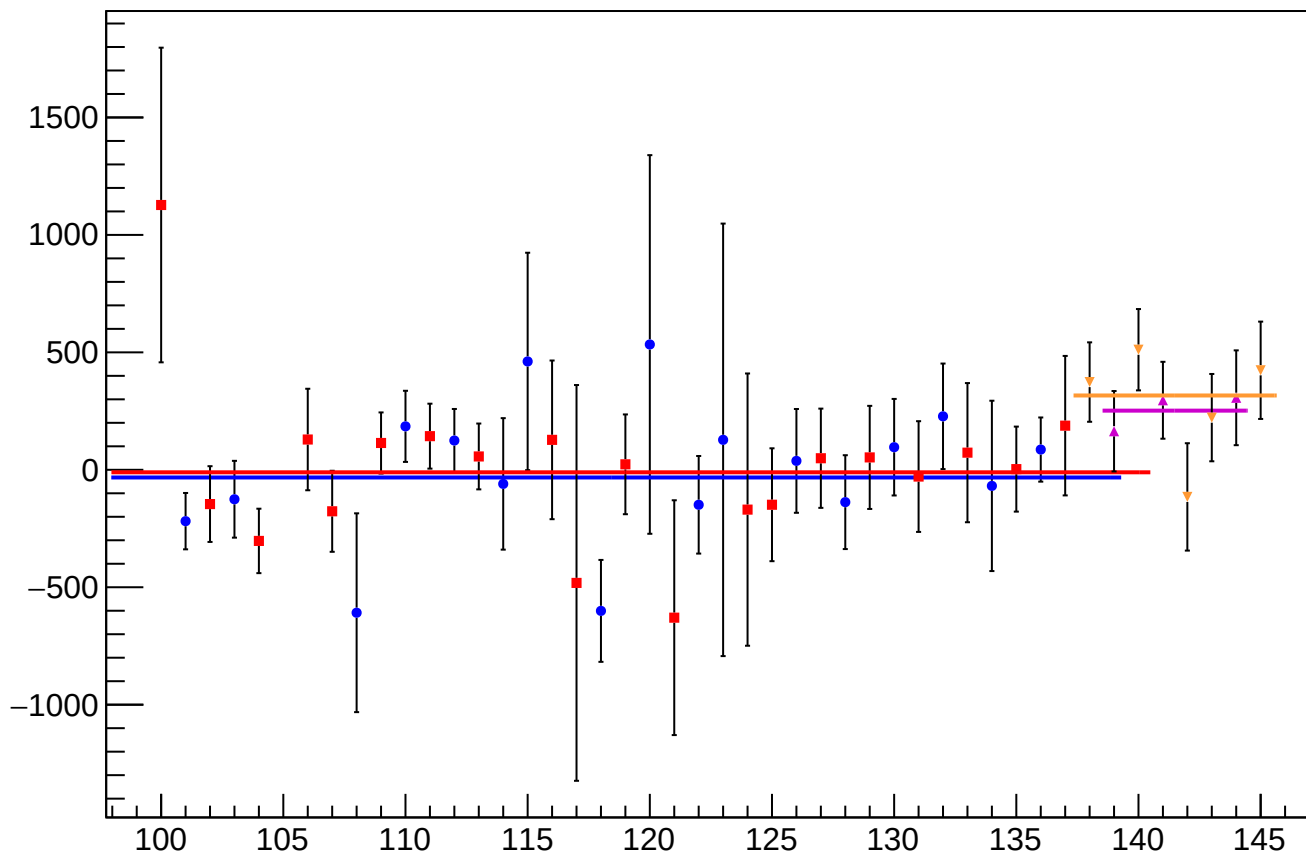
Left In: 920.699 $\pm$ 0.415 χ^2 /NDF: 21458.5/2

807.167 $\pm$ 0.189 χ^2 /NDF: 1945525.9/21

774.390 $\pm$ 0.130 χ^2 /NDF: 3975530.8/44

744.583 $\pm$ 0.180 χ^2 /NDF: 1972474.5/22

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 316.413 ± 84.596 χ^2/NDF : 5.5/4

Right Out: -10.656 ± 45.533 χ^2/NDF : 15.0/19

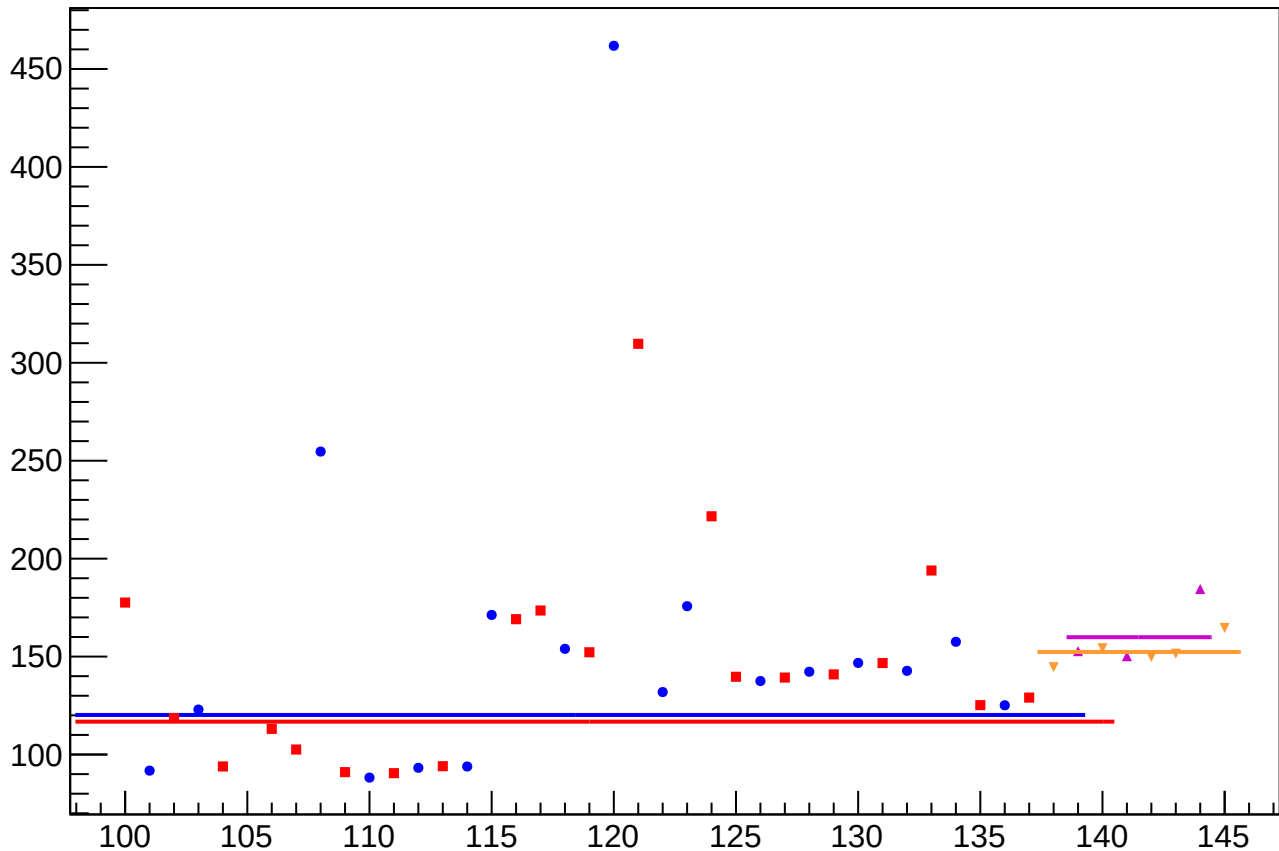
Left In: 251.868 ± 102.063 χ^2/NDF : 0.4/2

53.482 ± 42.031 χ^2/NDF : 38.0/21

43.091 ± 29.560 χ^2/NDF : 59.1/44

32.921 ± 41.582 χ^2/NDF : 20.9/22

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207 $\pm$ 0.034 χ^2/NDF : 1062326.6/16

Left Out: 152.365 $\pm$ 0.060 χ^2/NDF : 11757.3/4

Right Out: 116.784 $\pm$ 0.032 χ^2/NDF : 1007058.0/19

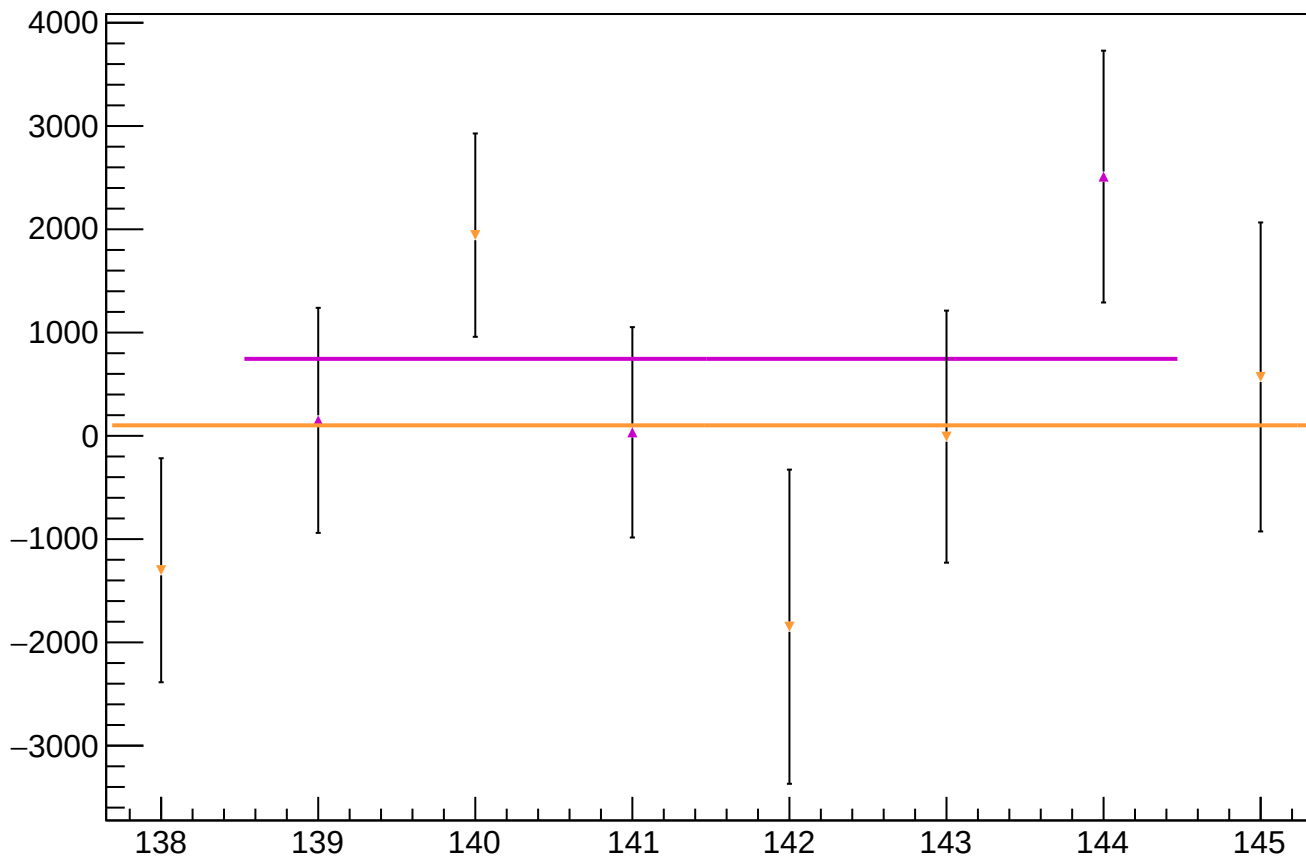
Left In: 159.898 $\pm$ 0.072 χ^2/NDF : 40178.8/2

128.145 $\pm$ 0.030 χ^2/NDF : 1291753.0/21

126.020 $\pm$ 0.021 χ^2/NDF : 2646745.4/44

123.941 $\pm$ 0.029 χ^2/NDF : 1344880.3/22

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 101.677 ± 539.794 χ^2/NDF : 6.9/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

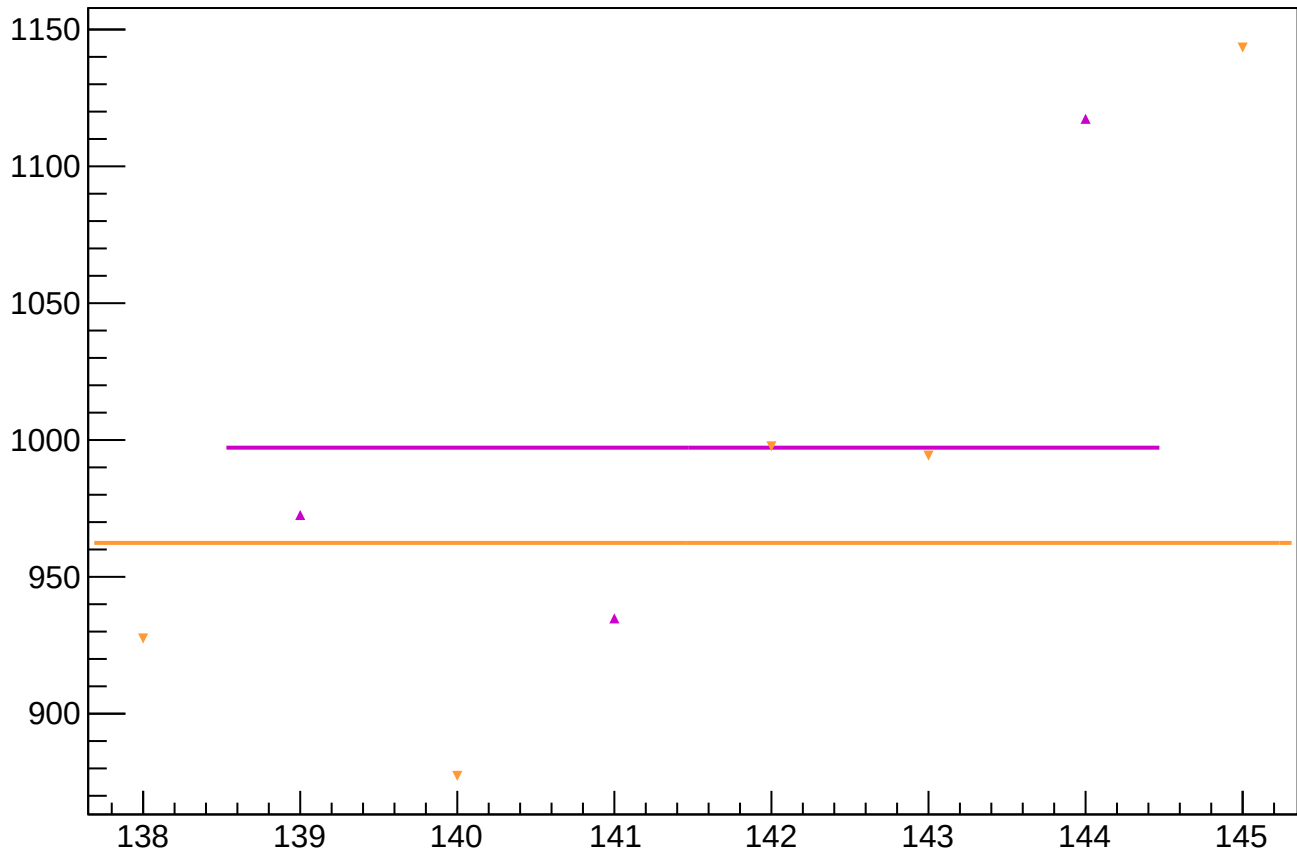
Left In: 745.454 ± 635.139 χ^2/NDF : 2.9/2

101.677 ± 539.794 χ^2/NDF : 6.9/4

371.665 ± 411.314 χ^2/NDF : 10.4/7

745.454 ± 635.139 χ^2/NDF : 2.9/2

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 962.411+/-0.382 χ^2/NDF : 48738.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

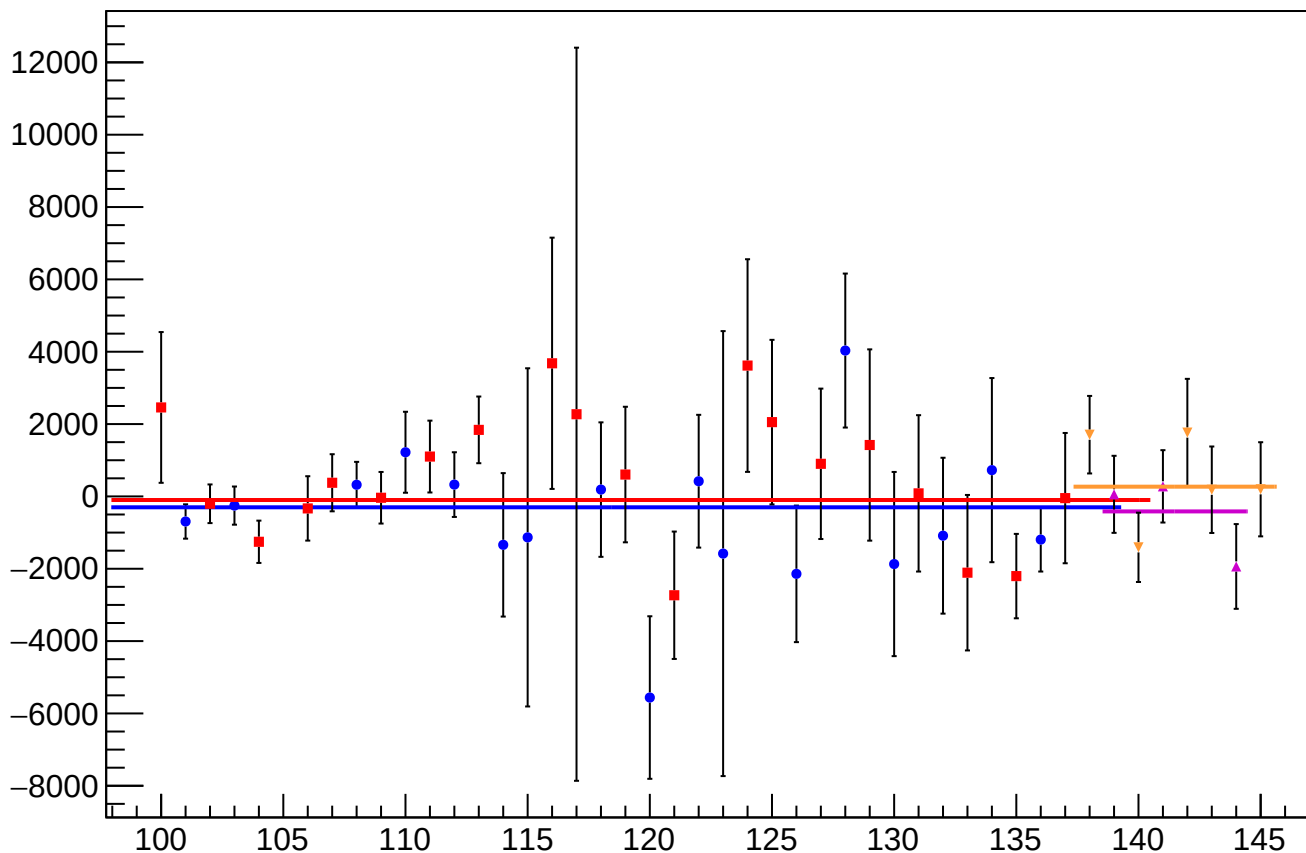
Left In: 997.203+/-0.449 χ^2/NDF : 27949.1/2

962.411+/-0.382 χ^2/NDF : 48738.0/4

977.002+/-0.291 χ^2/NDF : 80171.7/7

997.203+/-0.449 χ^2/NDF : 27949.1/2

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 $\pm$ 250.042 χ^2/NDF : 16.8/16

Left Out: 269.165 $\pm$ 519.649 χ^2/NDF : 5.9/4

Right Out: -99.460 $\pm$ 245.908 χ^2/NDF : 22.6/19

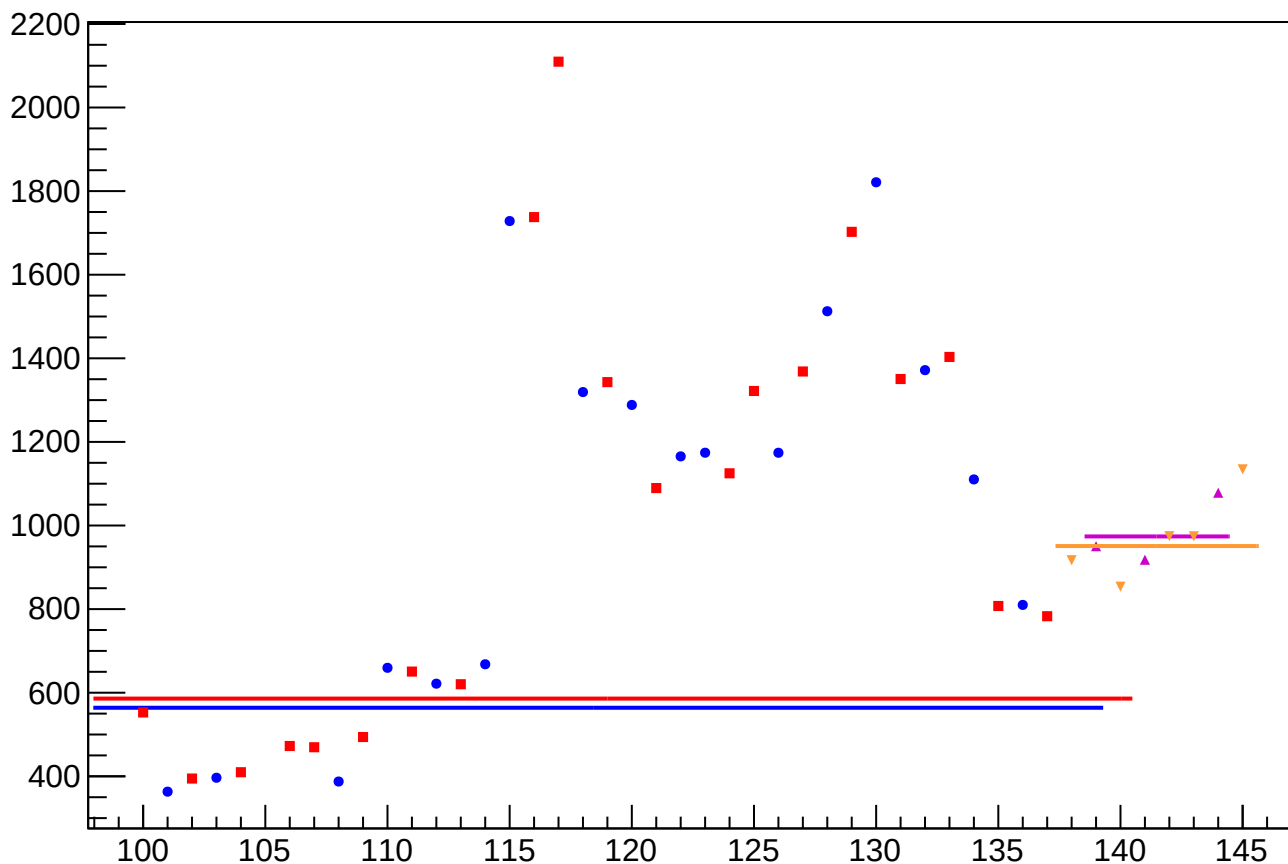
Left In: -414.752 $\pm$ 619.004 χ^2/NDF : 2.4/2

-193.808 $\pm$ 225.316 χ^2/NDF : 23.7/21

-168.487 $\pm$ 160.448 χ^2/NDF : 48.9/44

-142.437 $\pm$ 228.535 χ^2/NDF : 25.2/22

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003 $\pm$ 0.177 χ^2/NDF : 3261491.3/16

Left Out: 950.870 $\pm$ 0.367 χ^2/NDF : 63584.4/4

Right Out: 585.967 $\pm$ 0.174 χ^2/NDF : 2866076.4/19

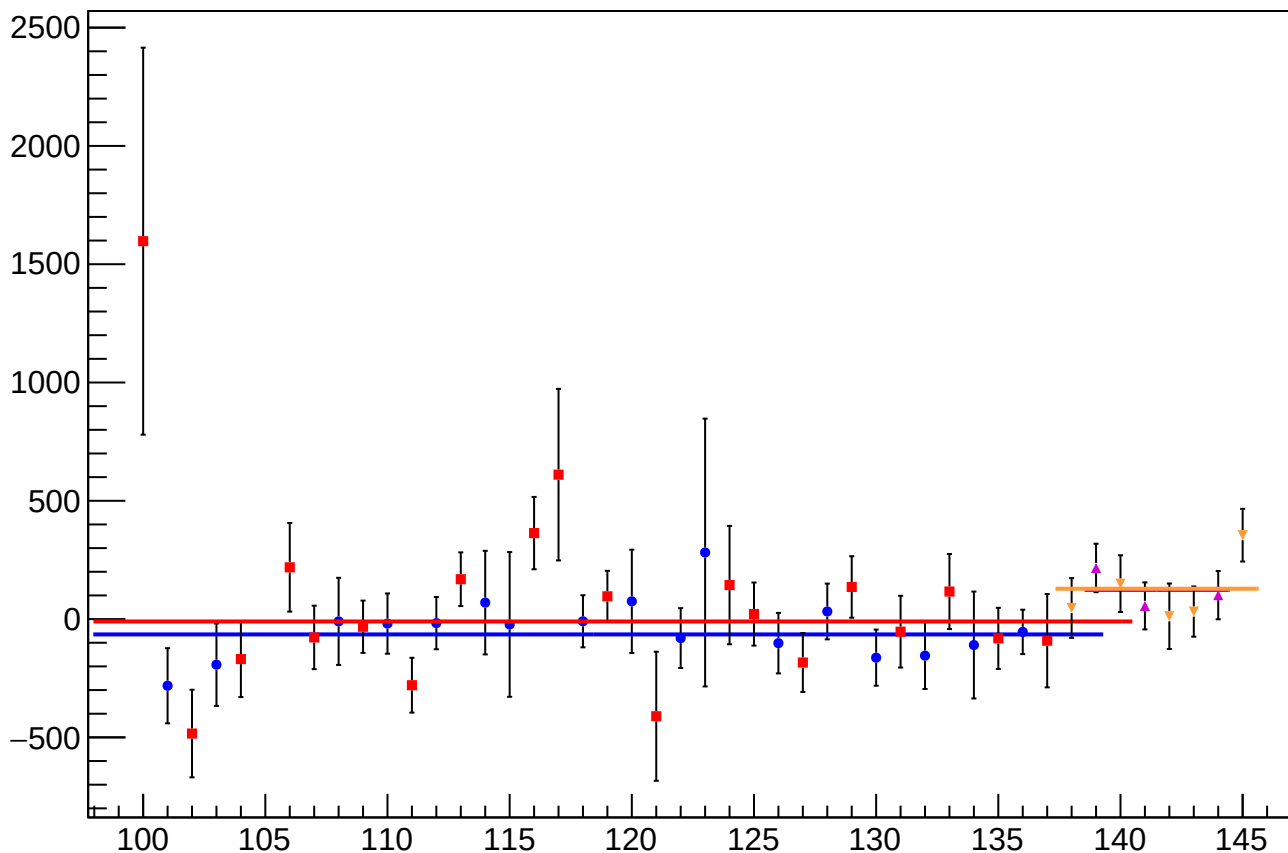
Left In: 973.845 $\pm$ 0.438 χ^2/NDF : 23105.9/2

636.735 $\pm$ 0.159 χ^2/NDF : 4225168.3/21

637.771 $\pm$ 0.113 χ^2/NDF : 7792690.4/44

638.838 $\pm$ 0.162 χ^2/NDF : 3567436.2/22

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797 $\pm$ 34.629 χ^2/NDF : 6.2/16

Left Out: 128.384 $\pm$ 53.164 χ^2/NDF : 6.1/4

Right Out: -10.023 $\pm$ 33.281 χ^2/NDF : 37.9/19

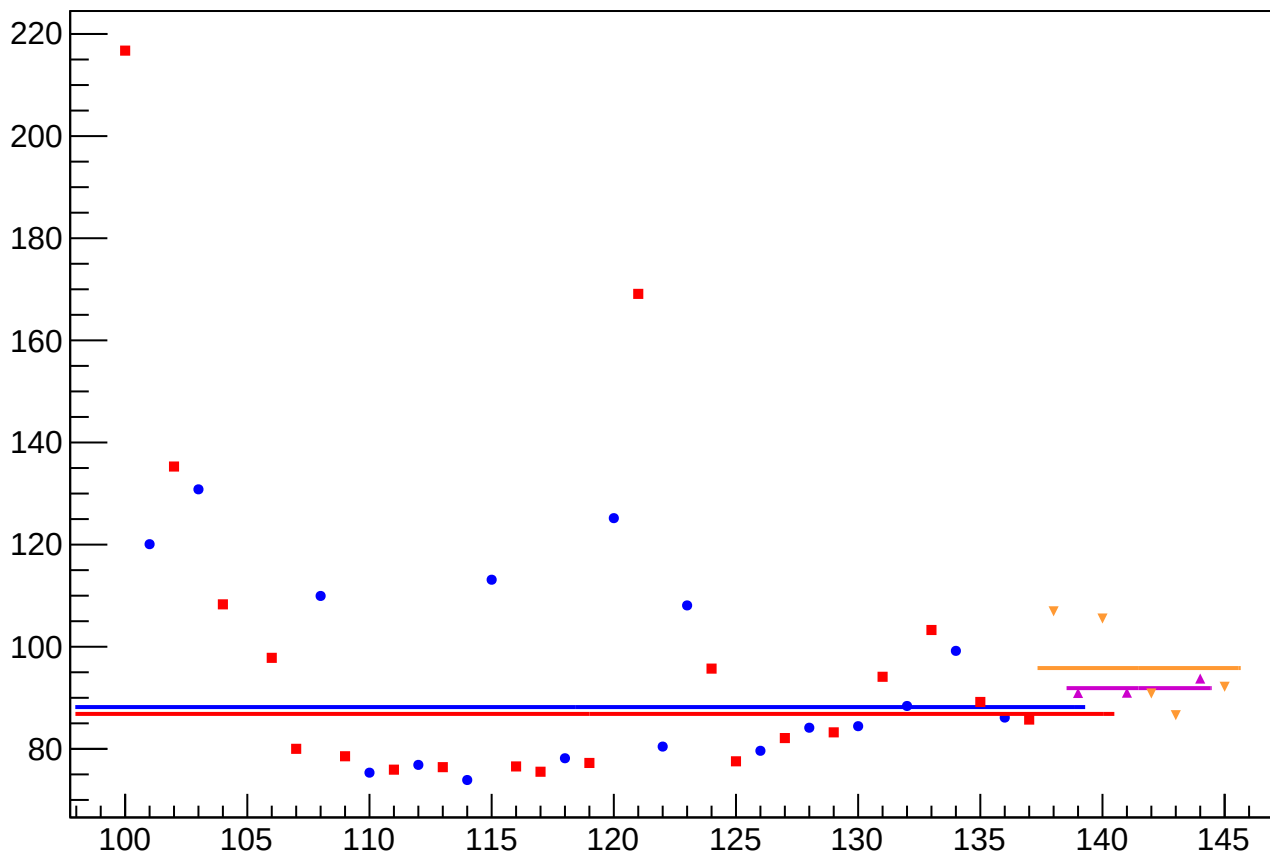
Left In: 122.940 $\pm$ 58.460 χ^2/NDF : 1.3/2

-7.251 $\pm$ 29.017 χ^2/NDF : 21.5/21

7.684 $\pm$ 20.484 χ^2/NDF : 65.2/44

22.521 $\pm$ 28.922 χ^2/NDF : 43.2/22

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF : 394447.7/16

Left Out: 95.826+/-0.038 χ^2/NDF : 48440.0/4

Right Out: 86.847+/-0.024 χ^2/NDF : 533326.2/19

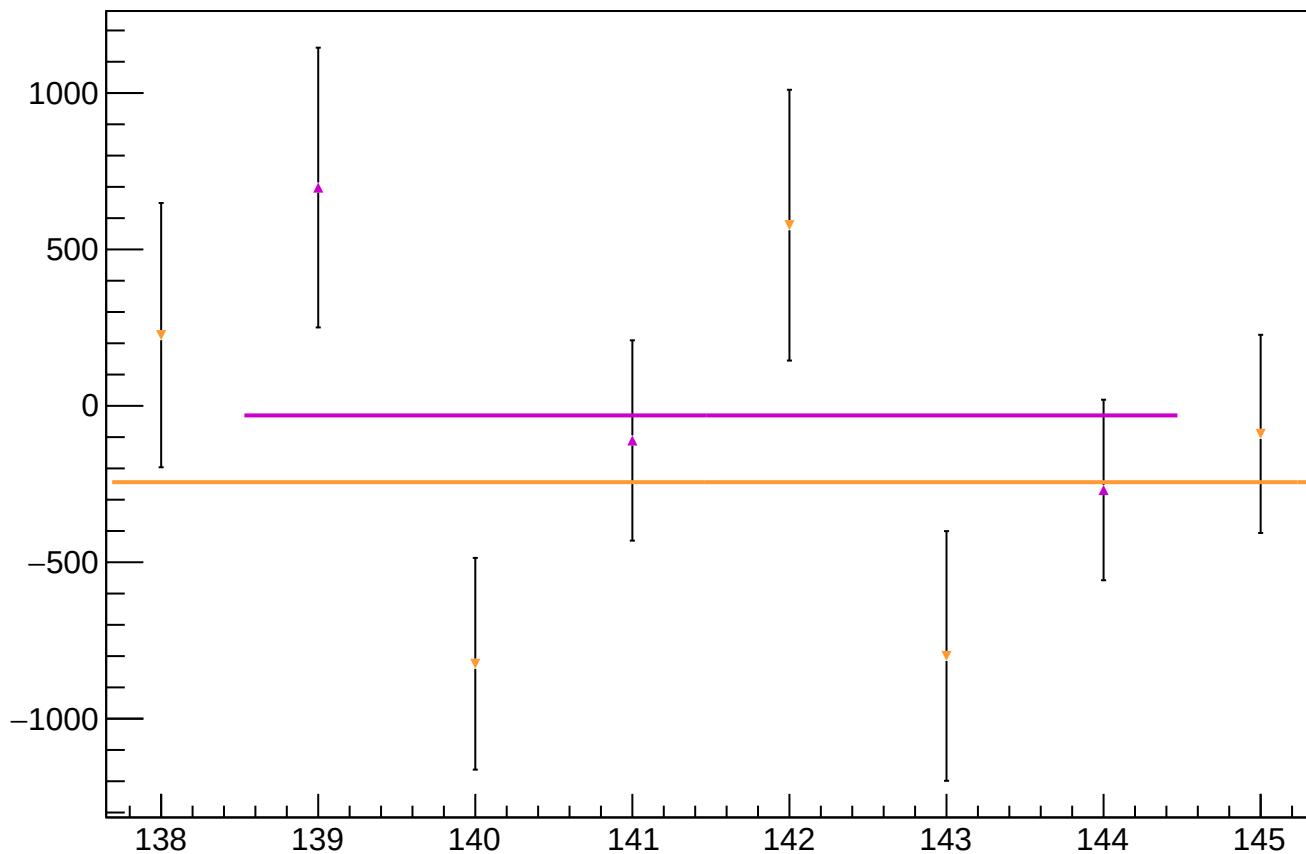
Left In: 91.895+/-0.041 χ^2/NDF : 1006.2/2

90.462+/-0.021 χ^2/NDF : 471885.7/21

89.268+/-0.014 χ^2/NDF : 1024229.0/44

88.082+/-0.020 χ^2/NDF : 545596.5/22

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -243.987+/-166.844 χ^2/NDF :10.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

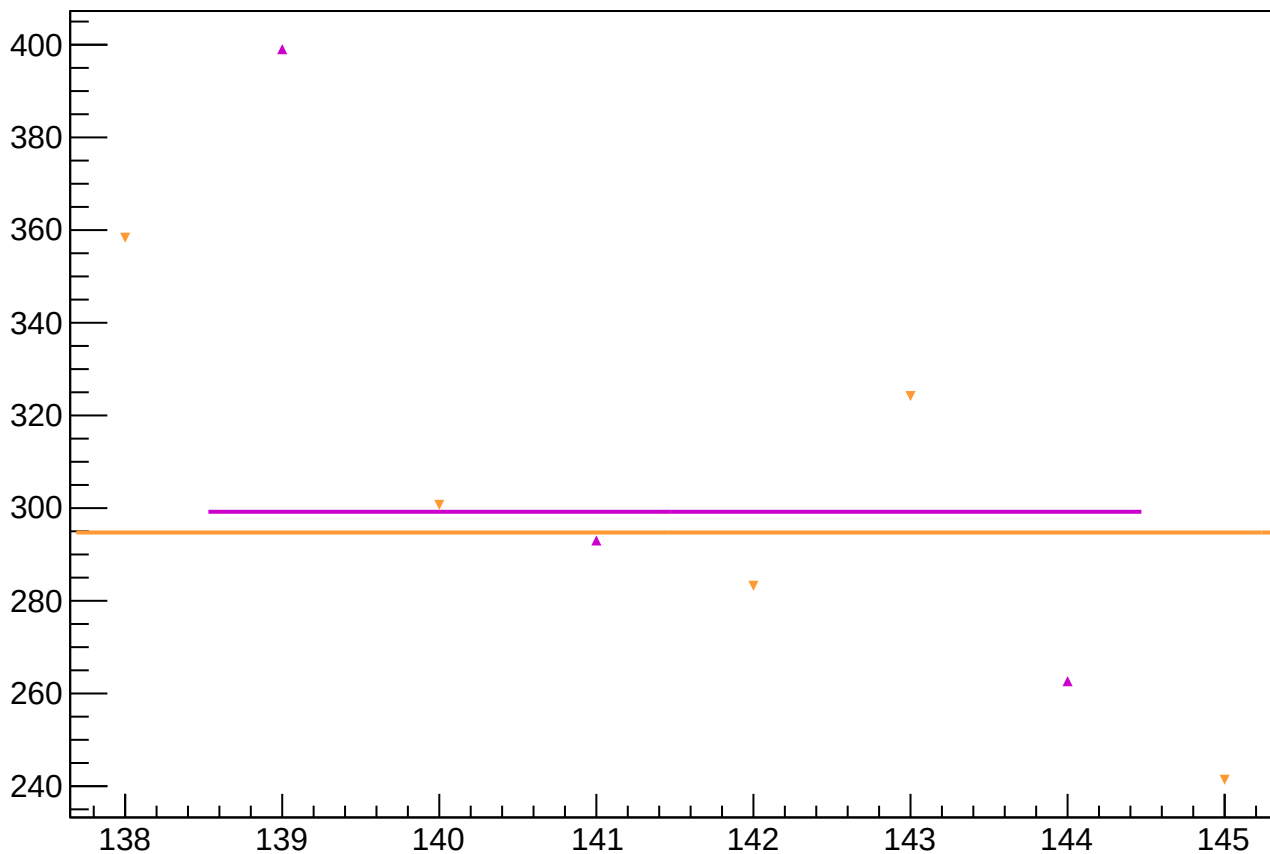
Left In: -30.611+/-193.295 χ^2/NDF :3.4/2

-243.987+/-166.844 χ^2/NDF : 10.0/4

-152.886+/-126.301 χ^2/NDF : 14.1/7

-30.611+/-193.295 χ^2/NDF : 3.4/2

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 294.742+/-0.118 χ^2/NDF : 115027.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

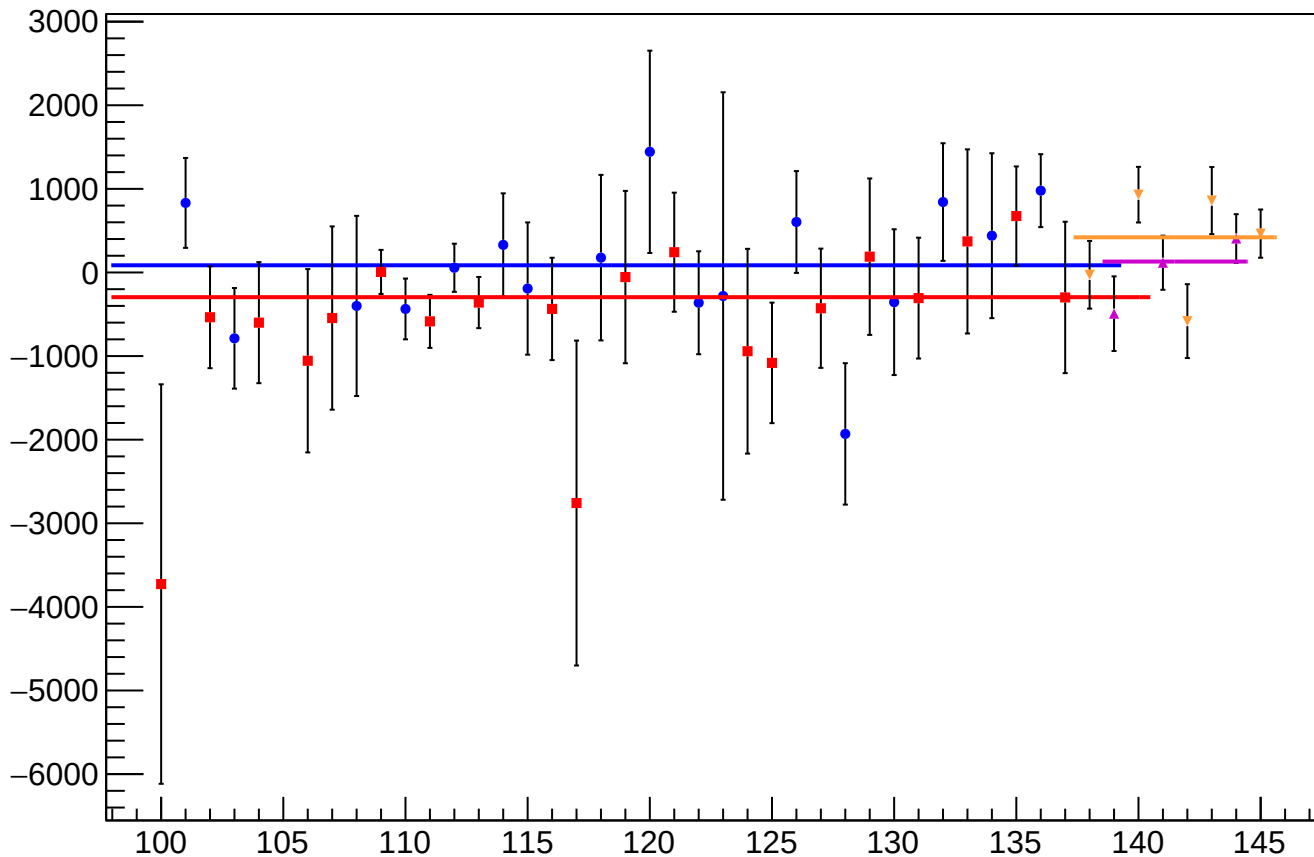
Left In: 299.212+/-0.137 χ^2/NDF : 132528.2/2

294.742+/-0.118 χ^2/NDF : 115027.9/4

296.650+/-0.089 χ^2/NDF : 248169.2/7

299.212+/-0.137 χ^2/NDF : 132528.2/2

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 $\pm$ 142.601 χ^2/NDF : 20.6/16

Left Out: 420.443 $\pm$ 161.180 χ^2/NDF : 9.9/4

Right Out: -295.409 $\pm$ 129.312 χ^2/NDF : 12.2/19

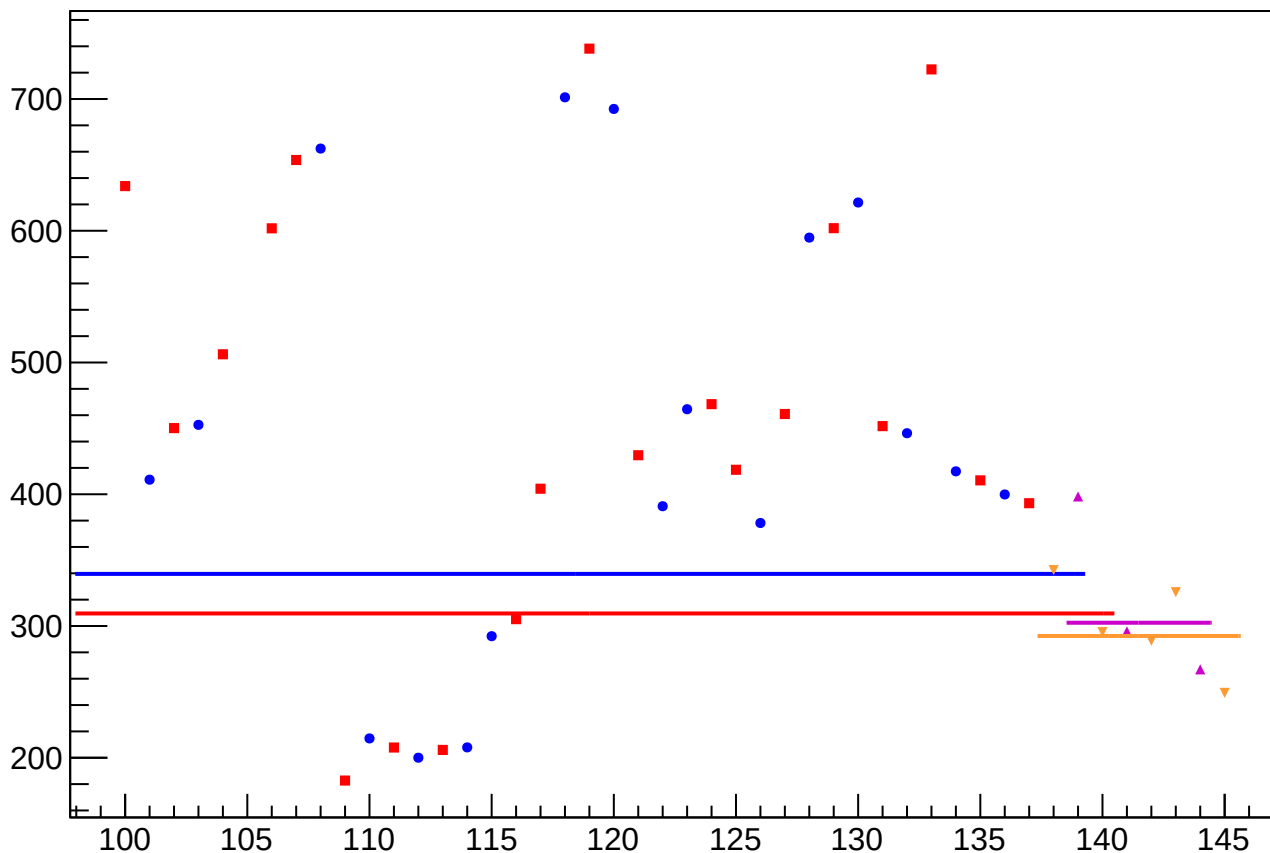
Left In: 130.536 $\pm$ 194.612 χ^2/NDF : 2.9/2

232.737 $\pm$ 106.801 χ^2/NDF : 32.9/21

35.566 $\pm$ 75.837 χ^2/NDF : 58.2/44

-164.950 $\pm$ 107.703 χ^2/NDF : 18.4/22

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553 $\pm$ 0.101 χ^2 /NDF: 2042244.1/16

Left Out: 292.426 $\pm$ 0.114 χ^2 /NDF: 89356.3/4

Right Out: 309.526 $\pm$ 0.091 χ^2 /NDF: 2735077.1/19

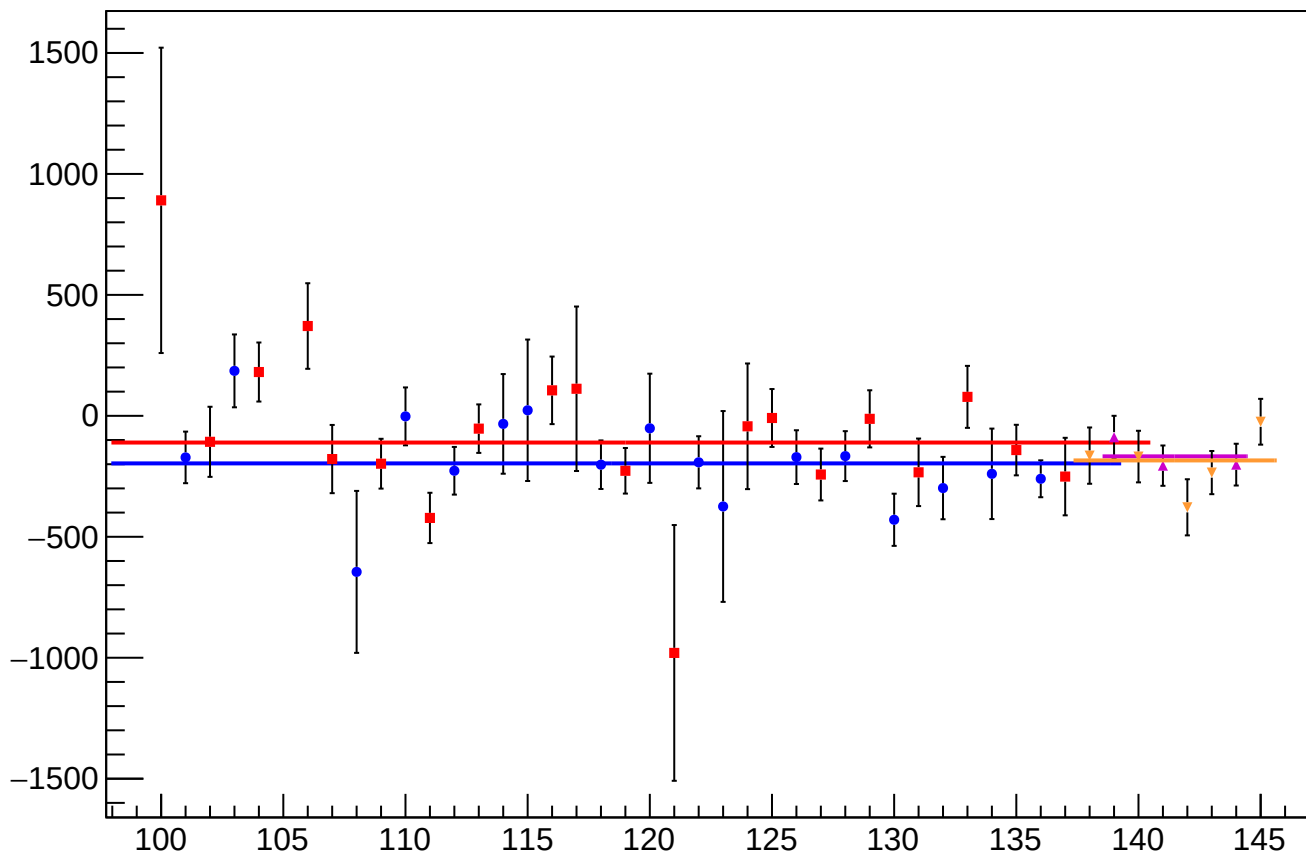
Left In: 302.477 $\pm$ 0.138 χ^2 /NDF: 122703.0/2

318.861 $\pm$ 0.076 χ^2 /NDF: 2227508.2/21

313.162 $\pm$ 0.054 χ^2 /NDF: 5098592.6/44

307.367 $\pm$ 0.076 χ^2 /NDF: 2859600.4/22

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -184.339 ± 45.968 χ^2/NDF : 6.0/4

Right Out: -110.410 ± 29.510 χ^2/NDF : 39.8/19

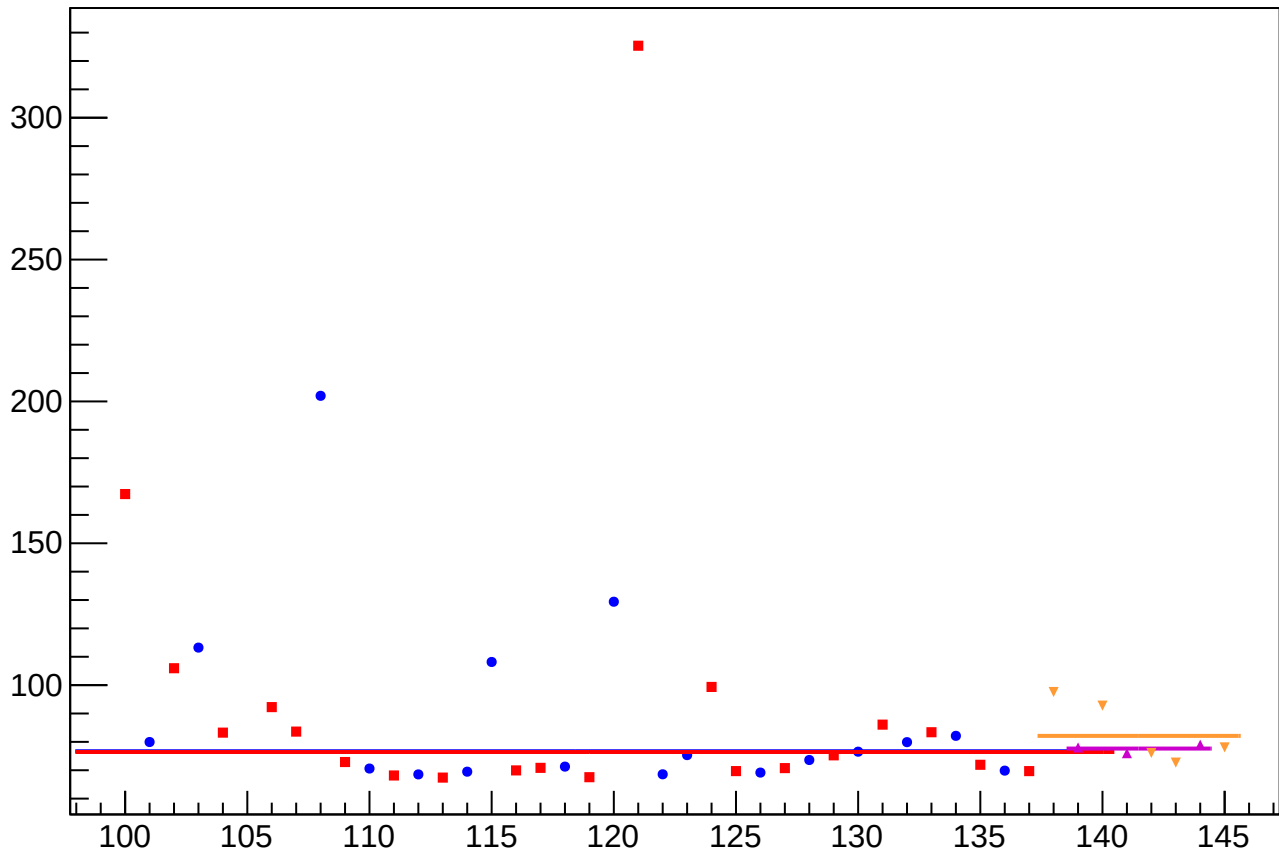
Left In: -167.544 ± 49.633 χ^2/NDF : 1.2/2

-192.869 ± 25.356 χ^2/NDF : 25.1/21

-159.113 ± 17.933 χ^2/NDF : 70.6/44

-125.332 ± 25.365 χ^2/NDF : 41.9/22

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 82.109 $\pm$ 0.033 χ^2 /NDF:86640.2/4

Right Out: 76.436 $\pm$ 0.021 χ^2 /NDF: 699907.3/19

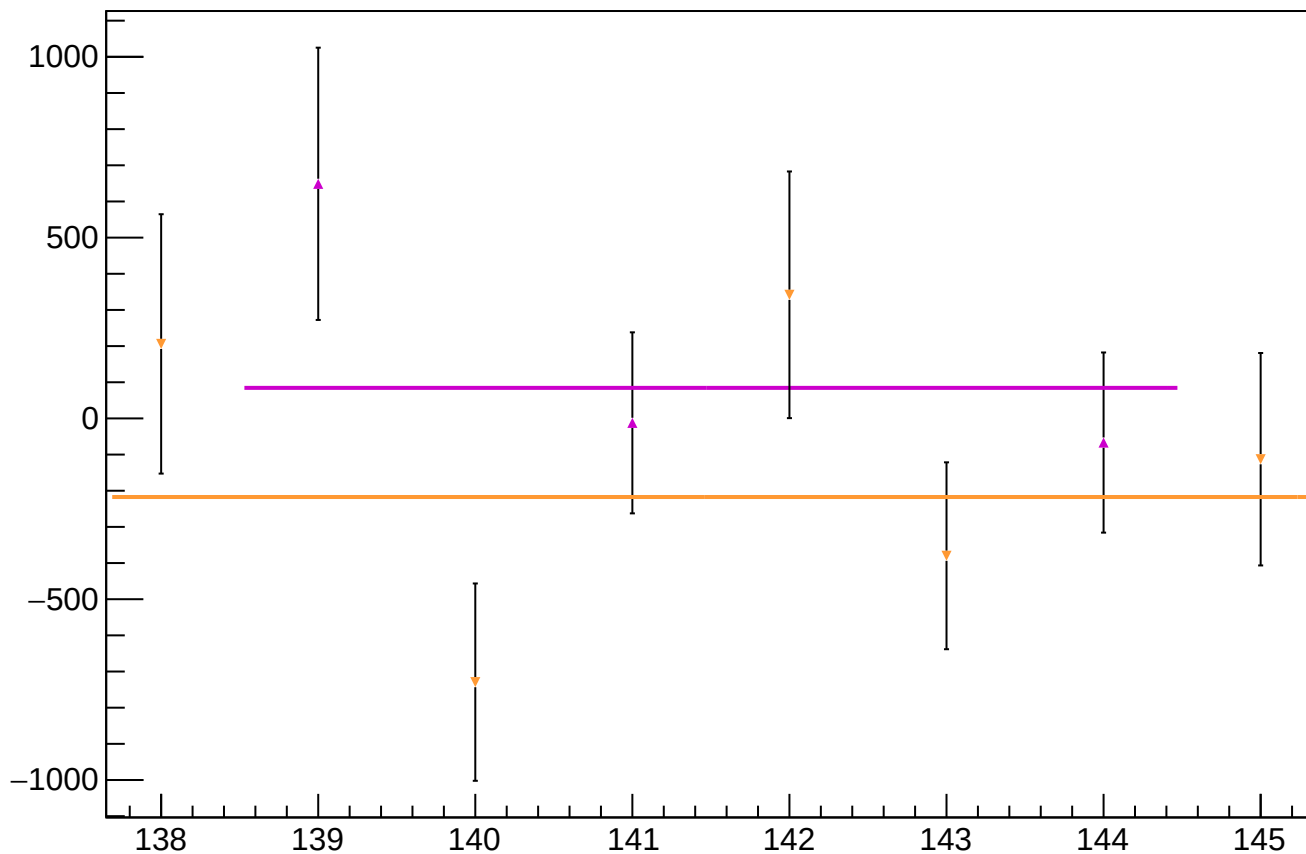
Left In: 77.640 $\pm$ 0.035 χ^2 /NDF:1308.3/2

78.340 $\pm$ 0.018 χ^2 /NDF: 706313.2/21

77.546 $\pm$ 0.013 χ^2 /NDF: 1412326.5/44

76.751 $\pm$ 0.018 χ^2 /NDF: 702084.0/22

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -217.364+/-133.200 χ^2/NDF : 8.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

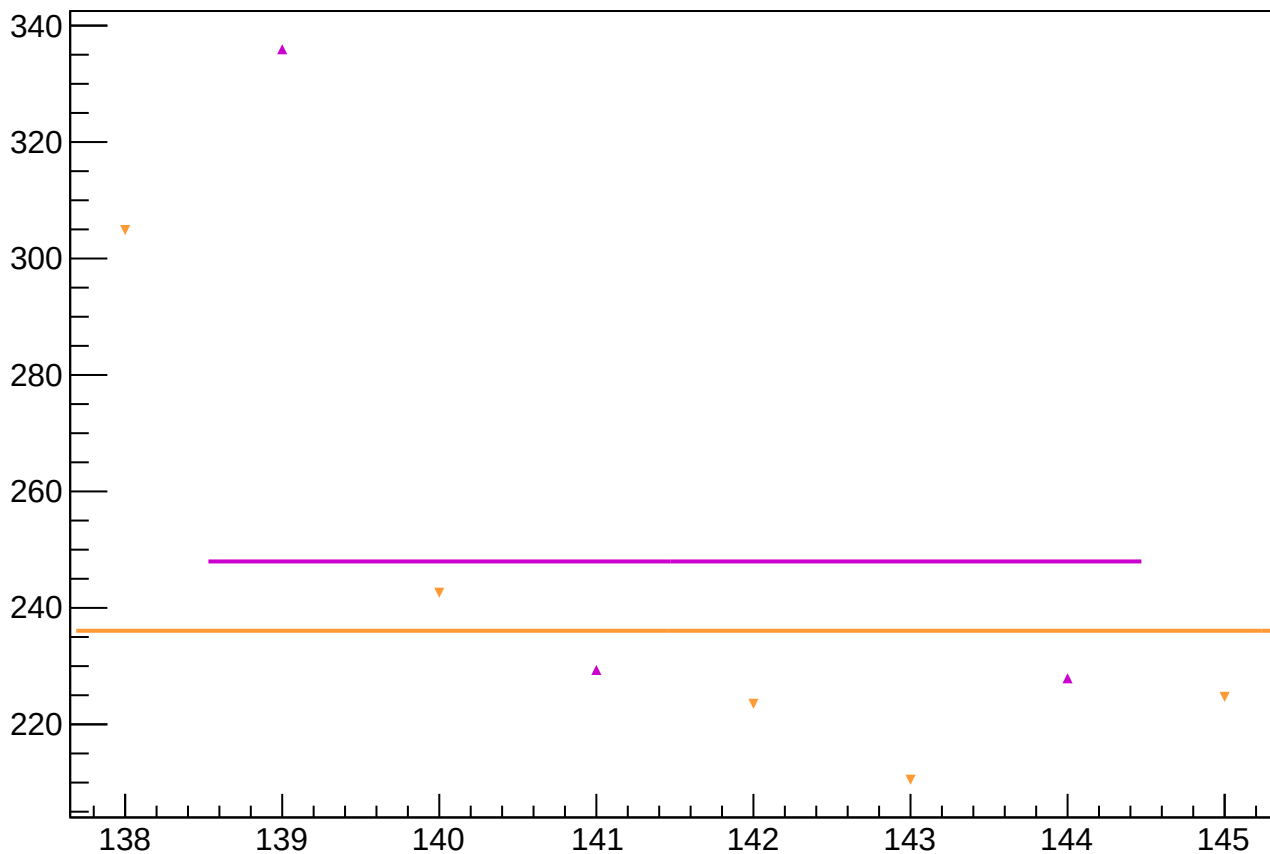
Left In: 84.490+/-159.871 χ^2/NDF : 2.8/2

-217.364+/-133.200 χ^2/NDF : 8.1/4

-93.682+/-102.335 χ^2/NDF : 13.0/7

84.490+/-159.871 χ^2/NDF : 2.8/2

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 236.074+/-0.094 χ^2/NDF :100053.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

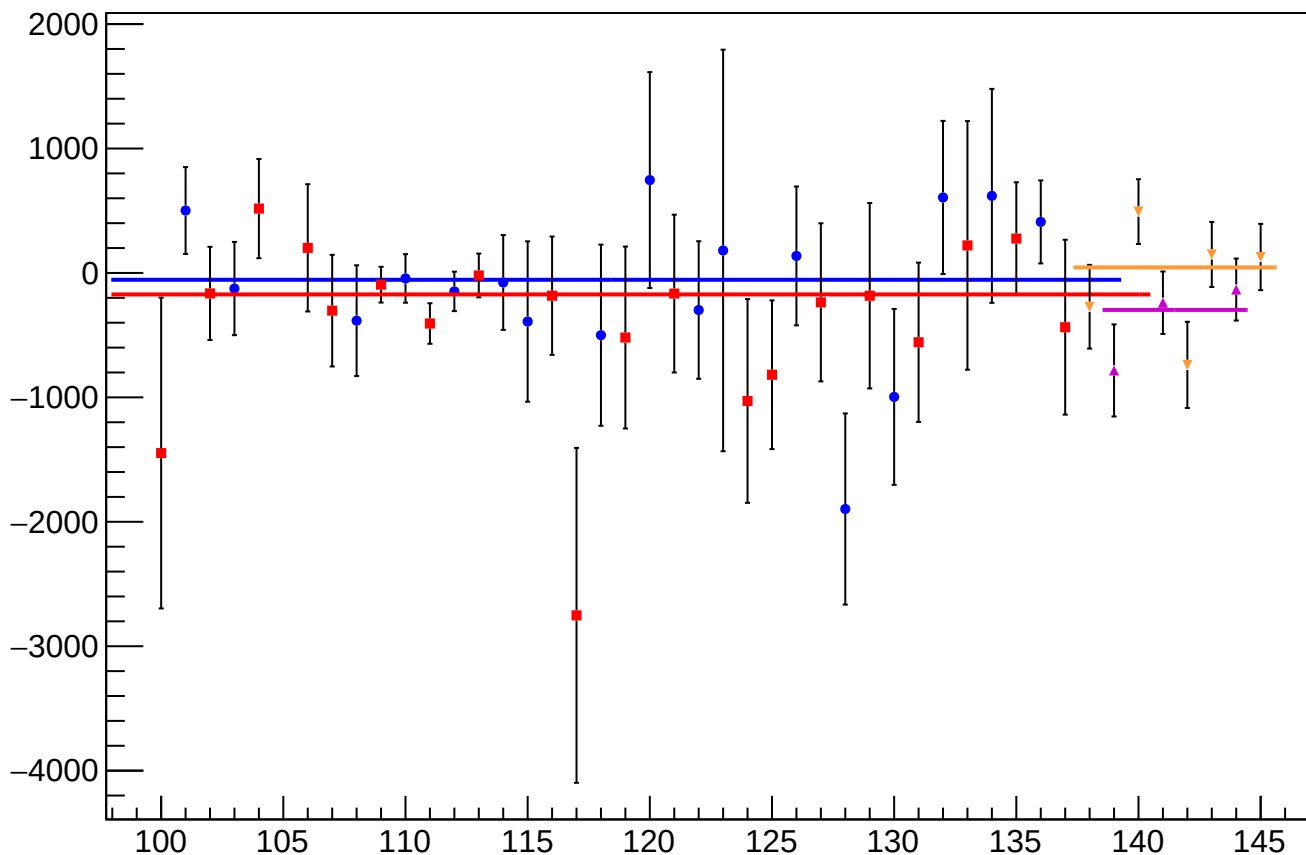
Left In: 247.976+/-0.113 χ^2/NDF :133229.4/2

236.074+/-0.094 χ^2/NDF : 100053.2/4

240.951+/-0.072 χ^2/NDF : 239825.0/7

247.976+/-0.113 χ^2/NDF : 133229.4/2

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 $\chi^2/\text{NDF}: 16.5/16$

Left Out: 44.738 ± 128.372 $\chi^2/\text{NDF}: 9.2/4$

Right Out: -172.563 ± 76.778 $\chi^2/\text{NDF}: 15.6/19$

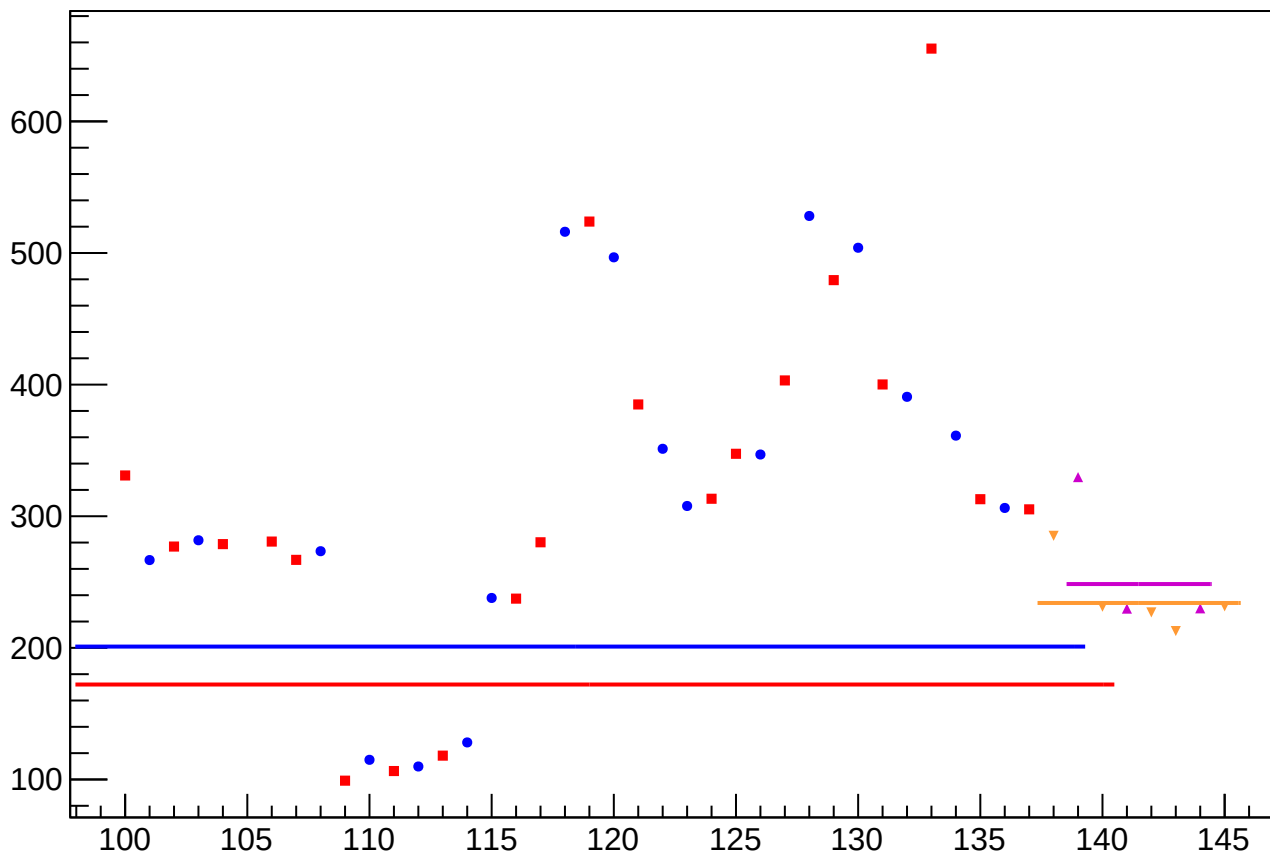
Left In: -297.084 ± 159.512 $\chi^2/\text{NDF}: 2.2/2$

-21.913 ± 73.888 $\chi^2/\text{NDF}: 26.2/21$

-114.669 ± 50.500 $\chi^2/\text{NDF}: 47.4/44$

-195.985 ± 69.181 $\chi^2/\text{NDF}: 18.3/22$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 234.101+/-0.091 χ^2/NDF : 60638.9/4

Right Out: 172.147+/-0.054 χ^2/NDF : 4105572.5/19

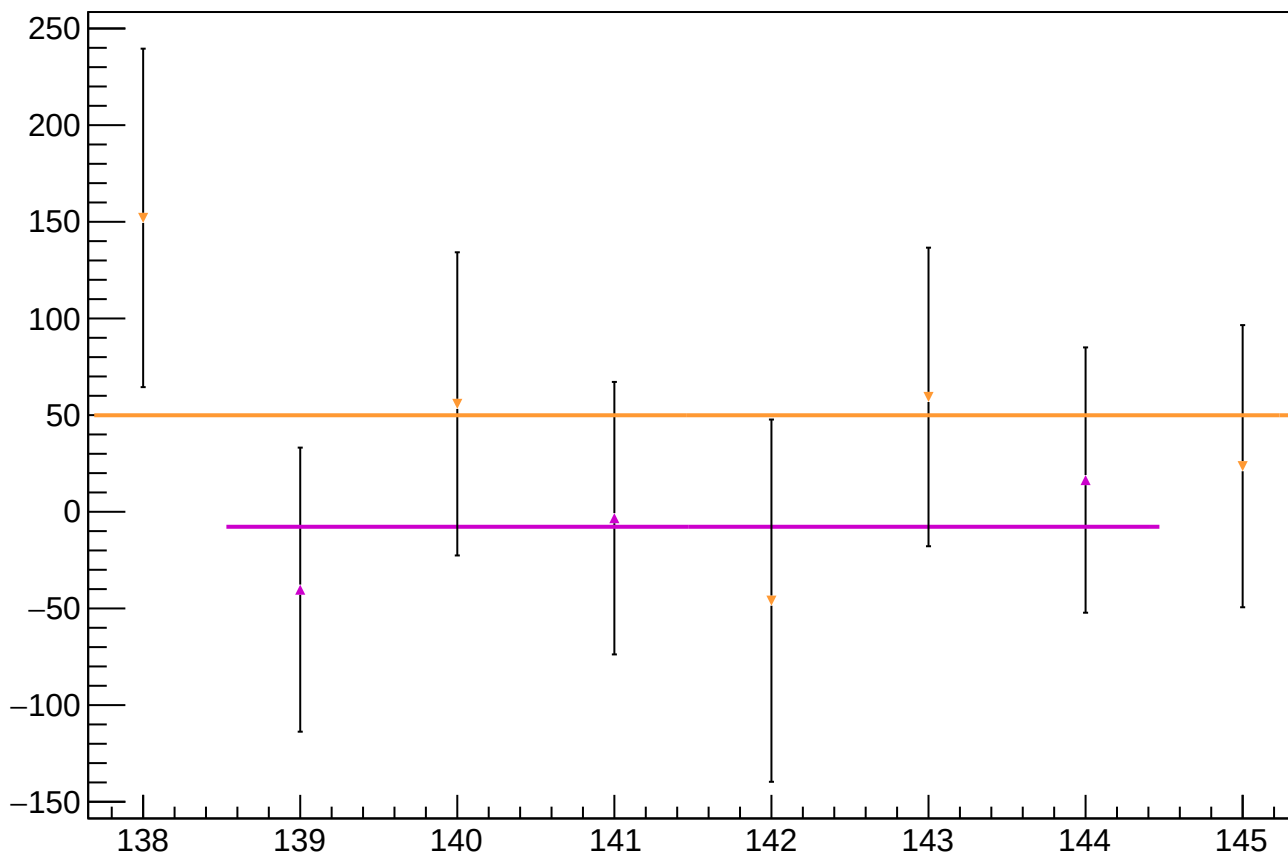
Left In: 248.483+/-0.113 χ^2/NDF : 118528.5/2

211.946+/-0.052 χ^2/NDF : 3585874.1/21

198.390+/-0.036 χ^2/NDF : 8308203.8/44

186.505+/-0.049 χ^2/NDF : 4595981.7/22

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 49.929 $\pm$ 36.214 χ^2 /NDF:2.6/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

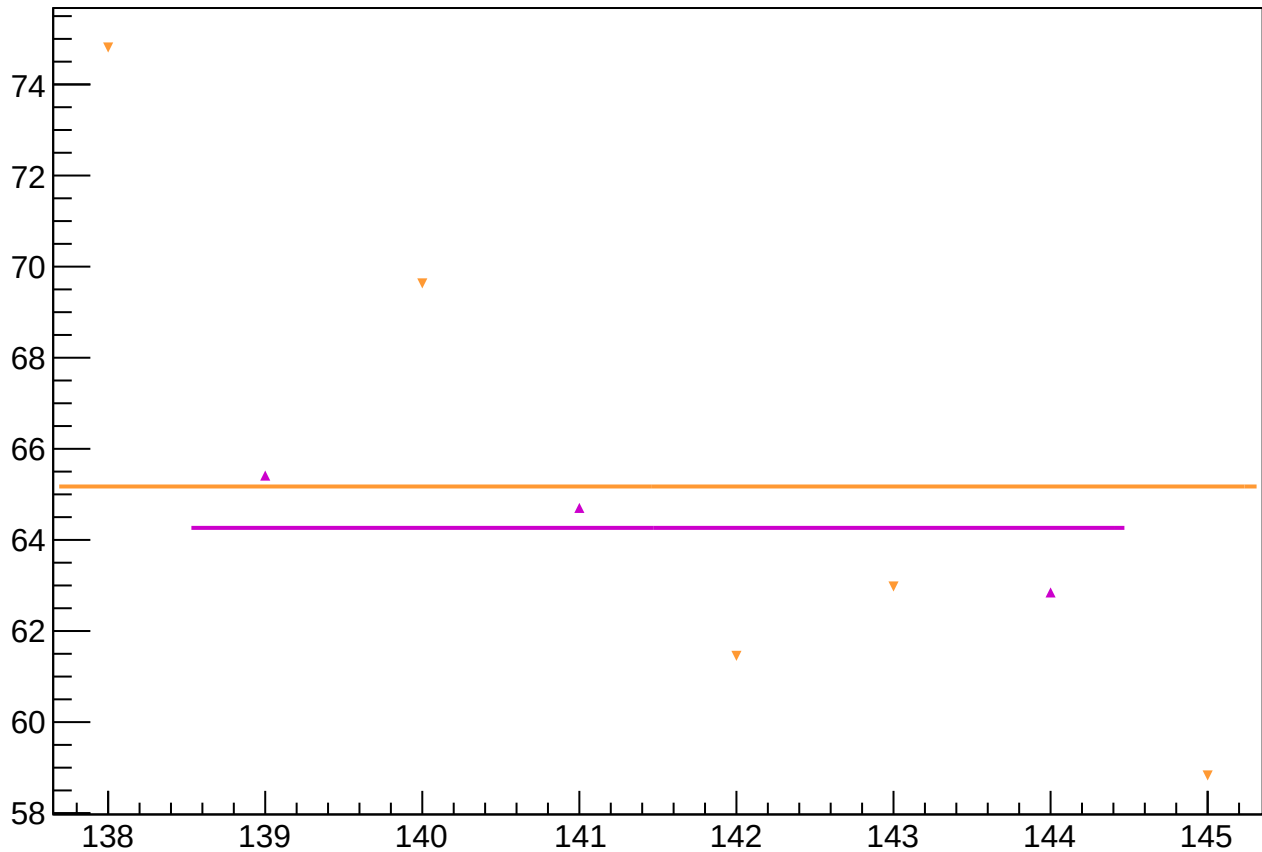
Left In: -7.748 $\pm$ 40.861 χ^2 /NDF:0.3/2

49.929 $\pm$ 36.214 χ^2 /NDF: 2.6/4

24.556 $\pm$ 27.102 χ^2 /NDF: 4.0/7

-7.748 $\pm$ 40.861 χ^2 /NDF: 0.3/2

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 65.173+/-0.026 χ^2/NDF : 50591.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

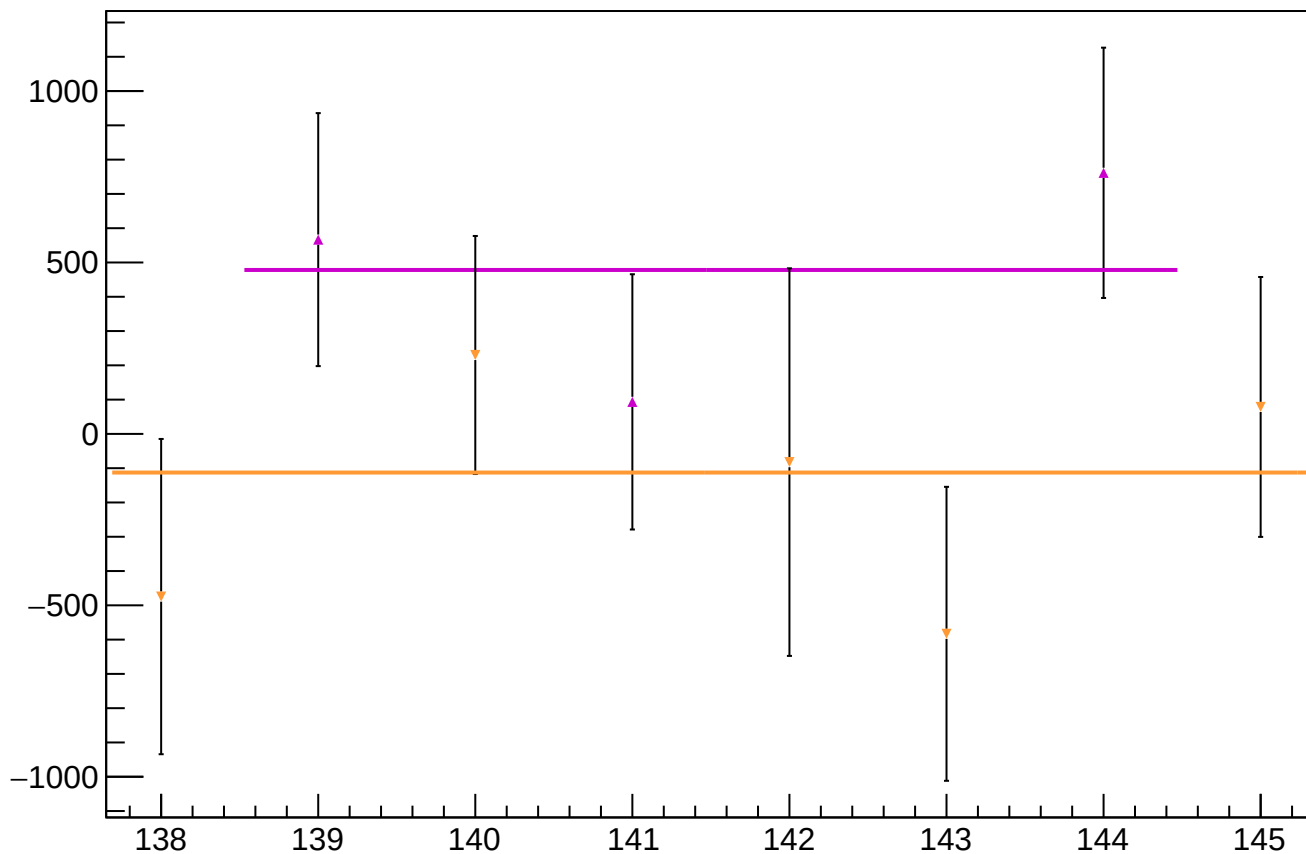
Left In: 64.264+/-0.029 χ^2/NDF : 1419.1/2

65.173+/-0.026 χ^2/NDF : 50591.3/4

64.773+/-0.019 χ^2/NDF : 52564.3/7

64.264+/-0.029 χ^2/NDF : 1419.1/2

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -112.677+/-187.129 χ^2/NDF : 3.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

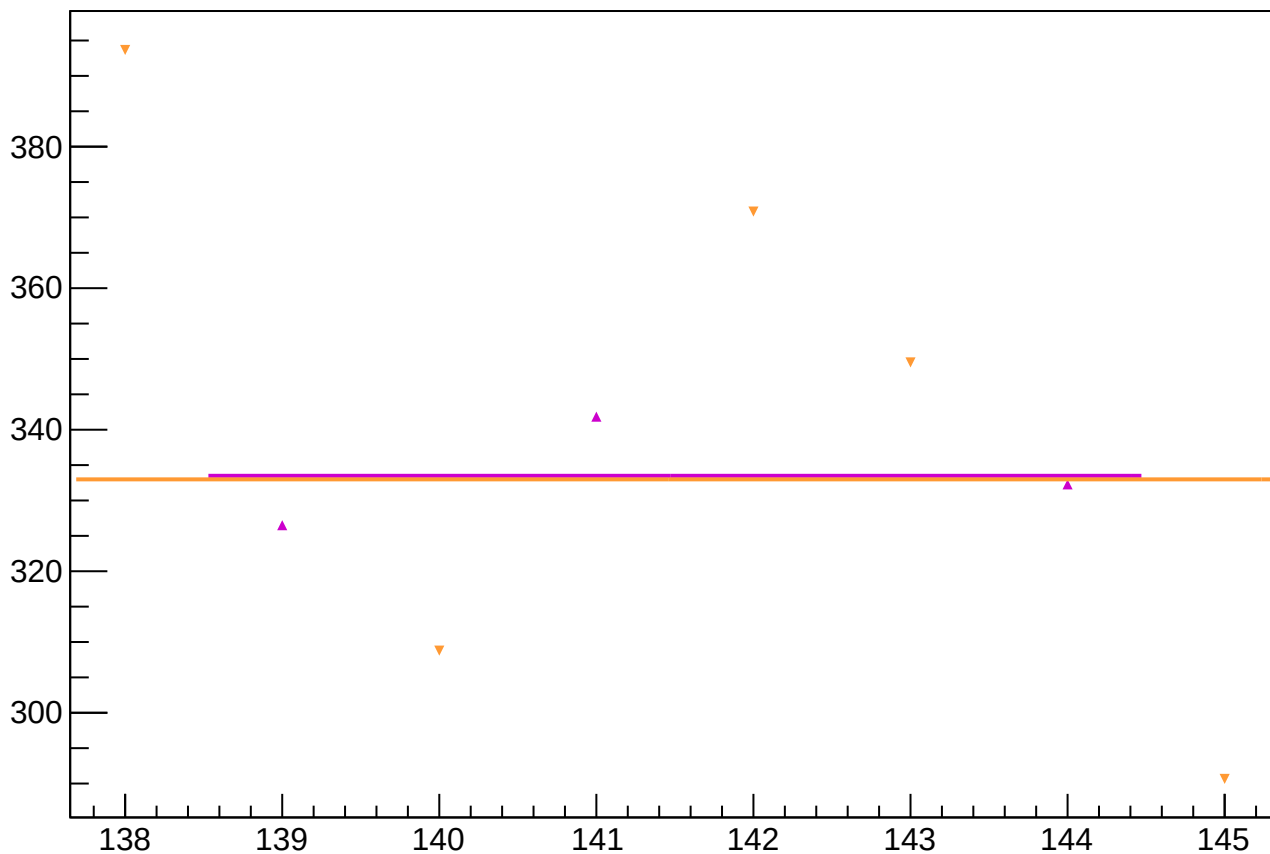
Left In: 478.194+/-212.881 χ^2/NDF : 1.7/2

-112.677+/-187.129 χ^2/NDF : 3.1/4

144.877+/-140.548 χ^2/NDF : 9.1/7

478.194+/-212.881 χ^2/NDF : 1.7/2

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 332.983+/-0.132 χ^2/NDF : 81428.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

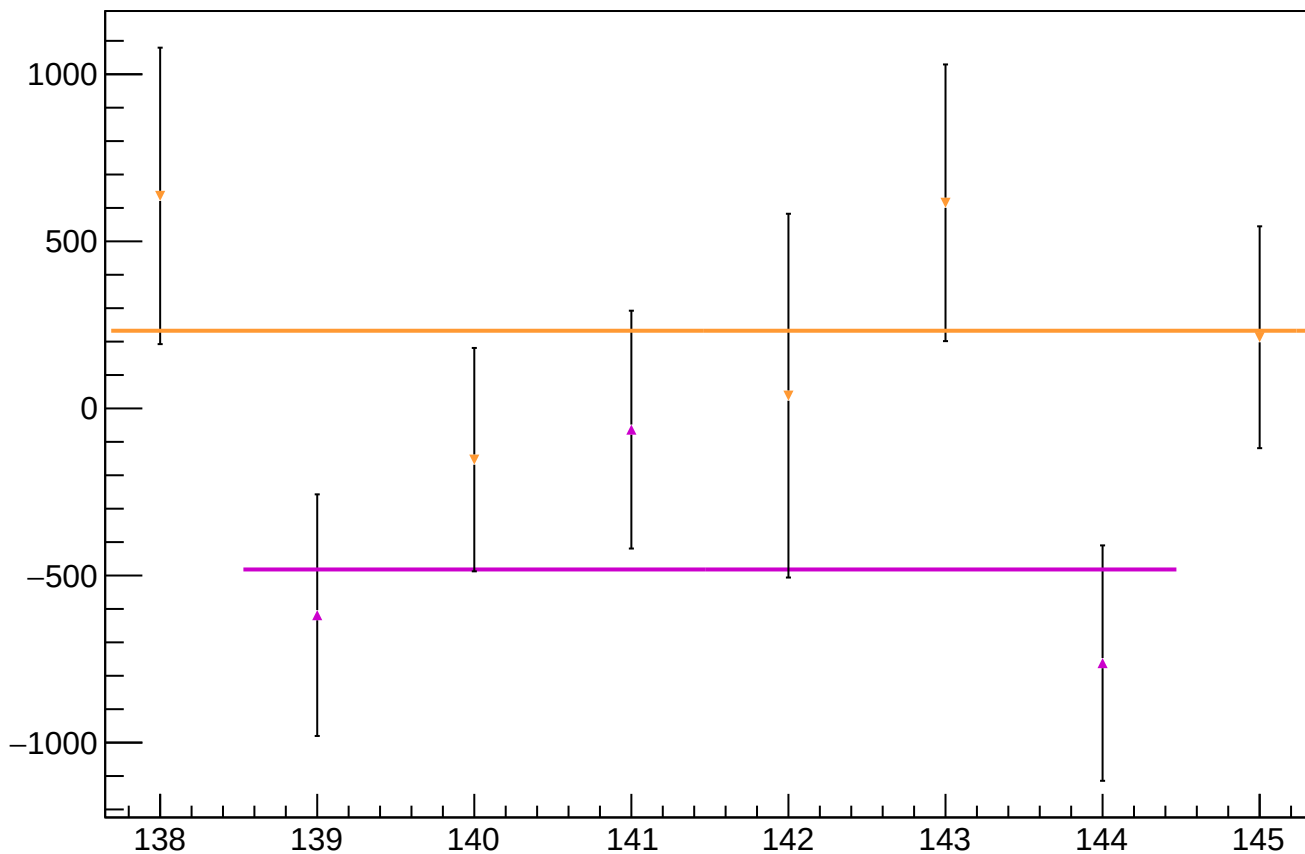
Left In: 333.486+/-0.151 χ^2/NDF : 1746.3/2

332.983+/-0.132 χ^2/NDF : 81428.5/4

333.203+/-0.099 χ^2/NDF : 83181.1/7

333.486+/-0.151 χ^2/NDF : 1746.3/2

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 232.503+/-175.897 χ^2/NDF : 3.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

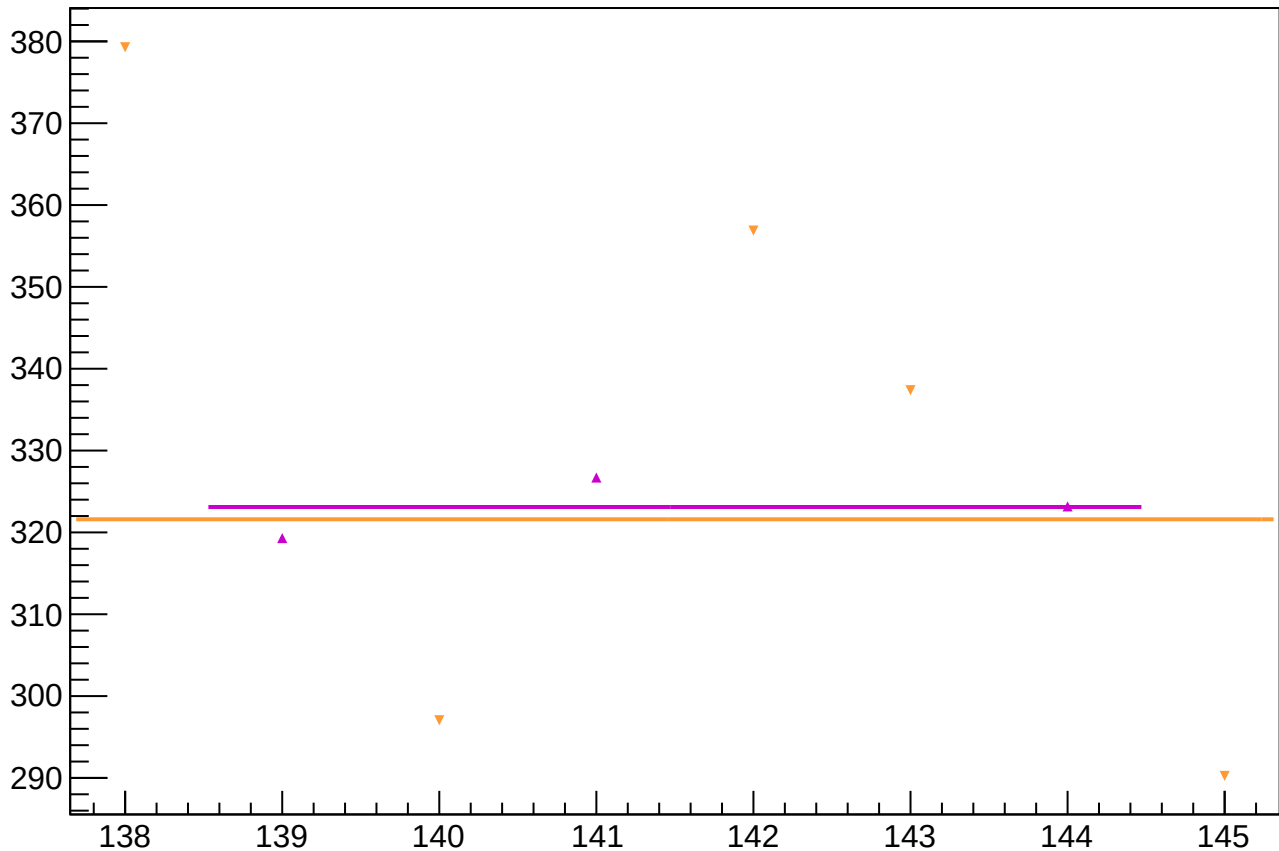
Left In: -481.890+/-205.811 χ^2/NDF : 2.2/2

232.503+/-175.897 χ^2/NDF : 3.1/4

-69.048+/-133.716 χ^2/NDF : 12.3/7

-481.890+/-205.811 χ^2/NDF : 2.2/2

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 321.600+/-0.124 χ^2/NDF : 73765.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

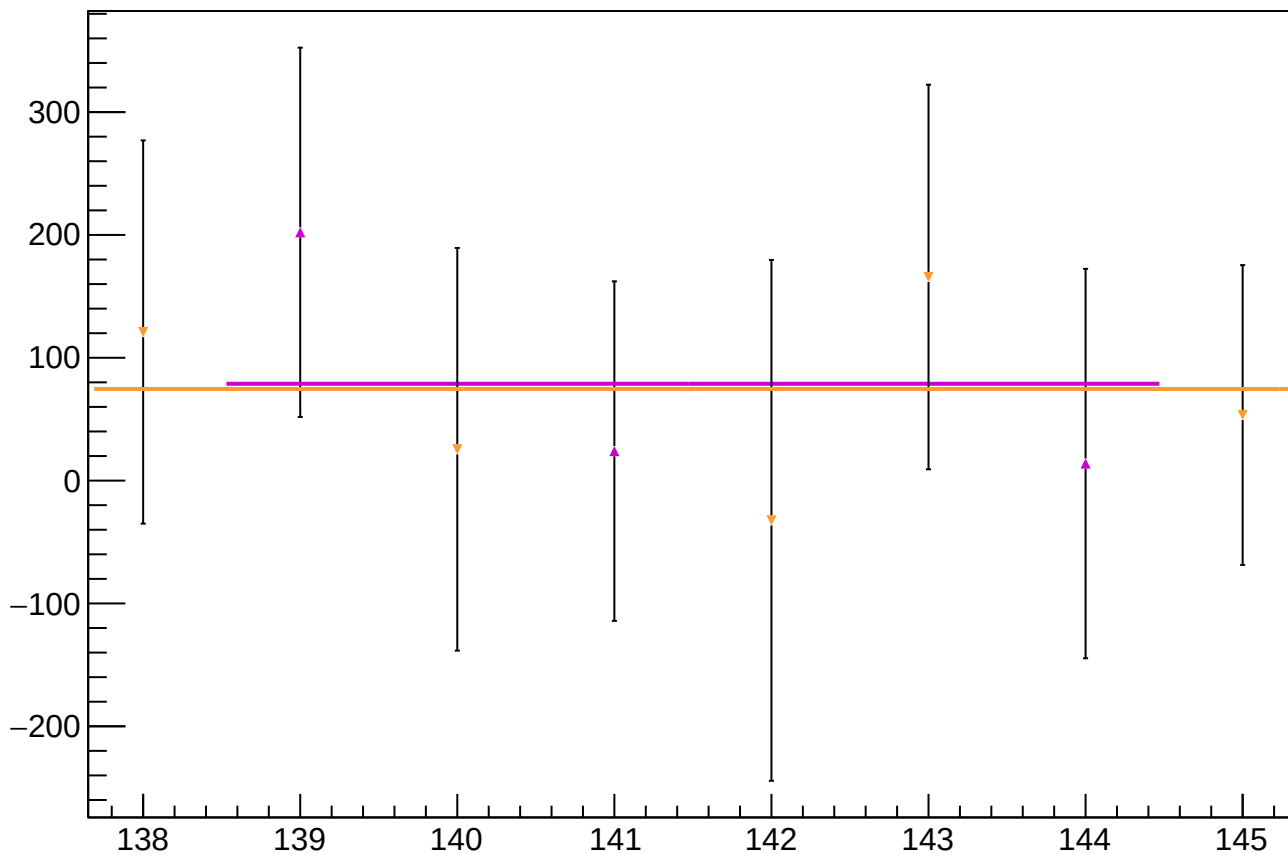
Left In: 323.105+/-0.146 χ^2/NDF : 425.1/2

321.600+/-0.124 χ^2/NDF : 73765.5/4

322.235+/-0.095 χ^2/NDF : 74252.4/7

323.105+/-0.146 χ^2/NDF : 425.1/2

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 74.574 $\pm$ 69.249 χ^2 /NDF:0.8/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

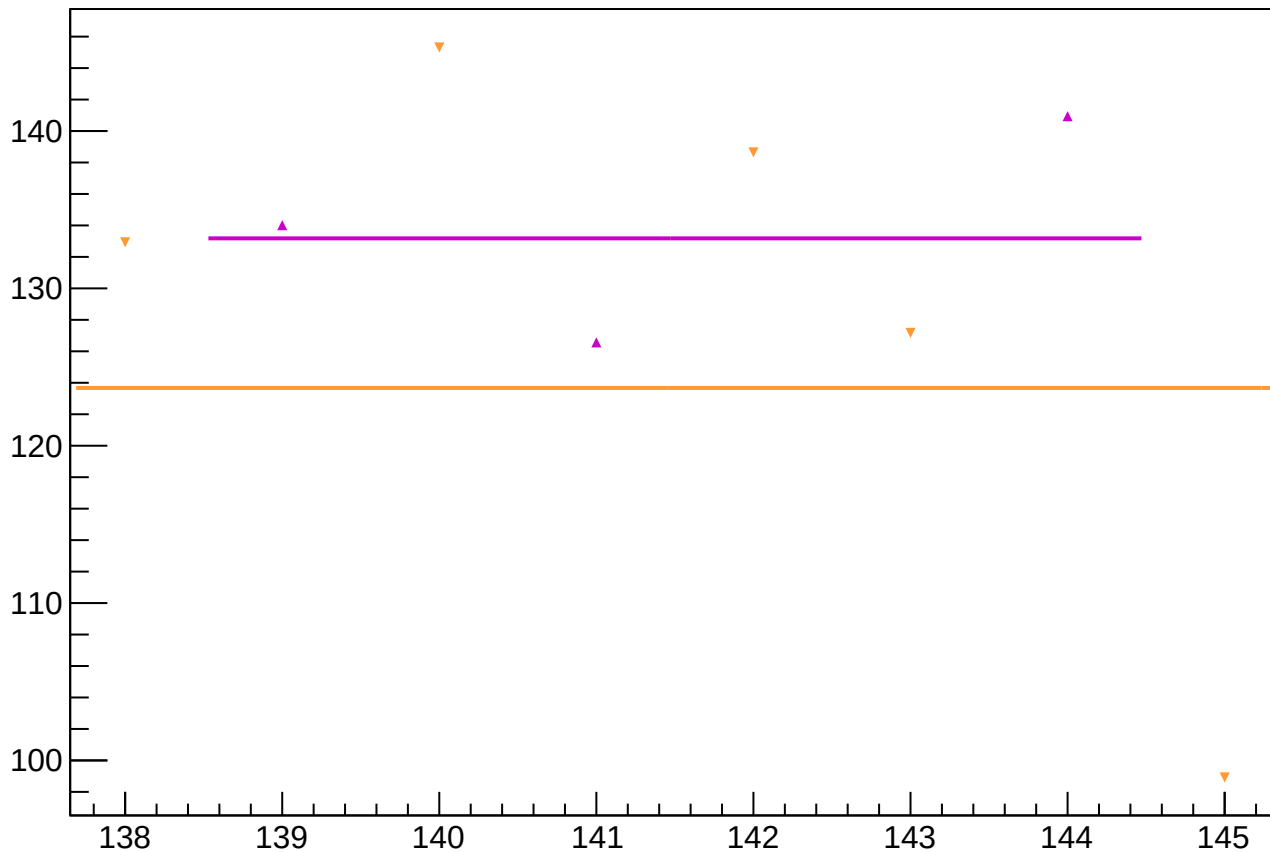
Left In: 78.846 $\pm$ 85.621 χ^2 /NDF:1.0/2

74.574 $\pm$ 69.249 χ^2 /NDF: 0.8/4

76.263 $\pm$ 53.843 χ^2 /NDF: 1.8/7

78.846 $\pm$ 85.621 χ^2 /NDF: 1.0/2

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 123.671+/-0.049 χ^2/NDF :135158.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

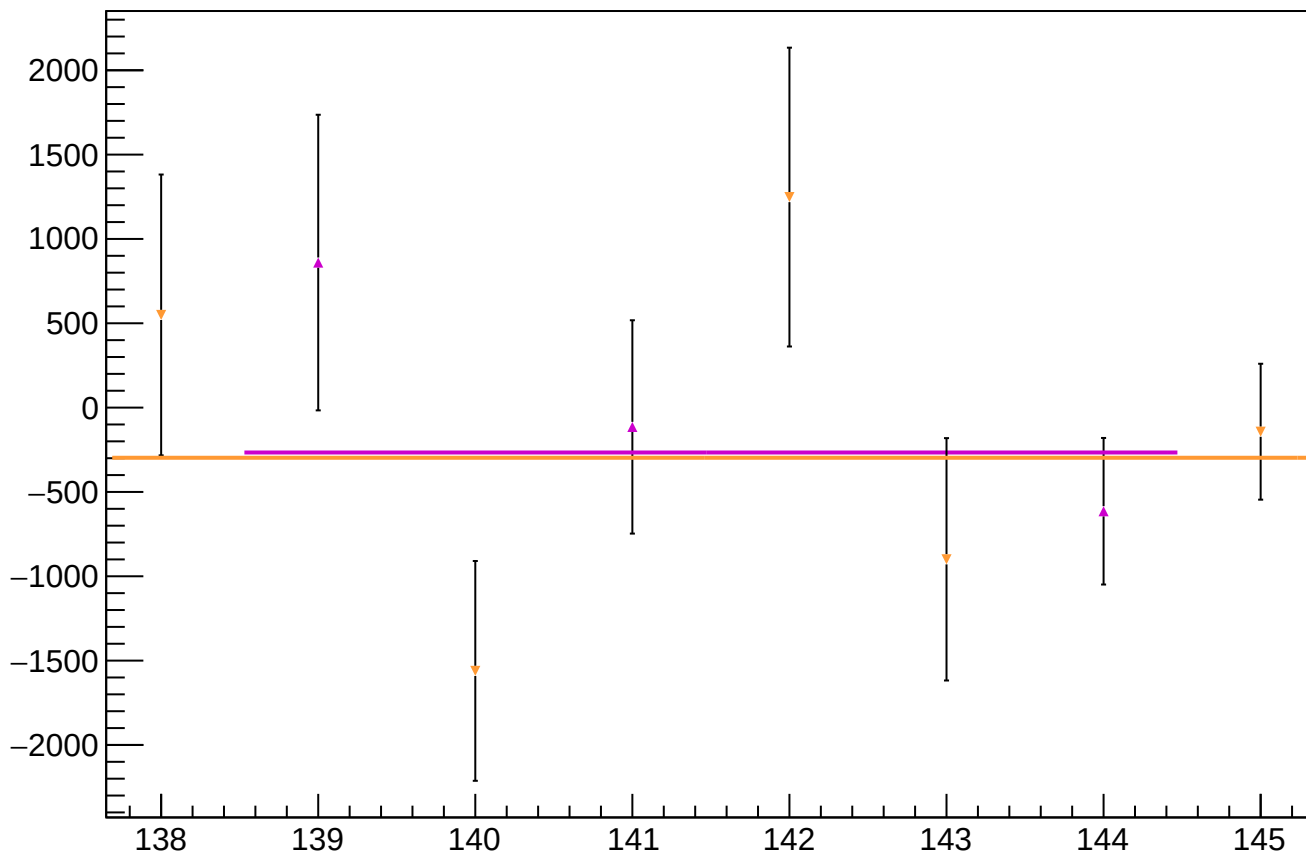
Left In: 133.179+/-0.061 χ^2/NDF :9434.9/2

123.671+/-0.049 χ^2/NDF : 135158.8/4

127.431+/-0.038 χ^2/NDF : 159502.9/7

133.179+/-0.061 χ^2/NDF : 9434.9/2

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -297.342+/-275.541 χ^2/NDF : 8.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

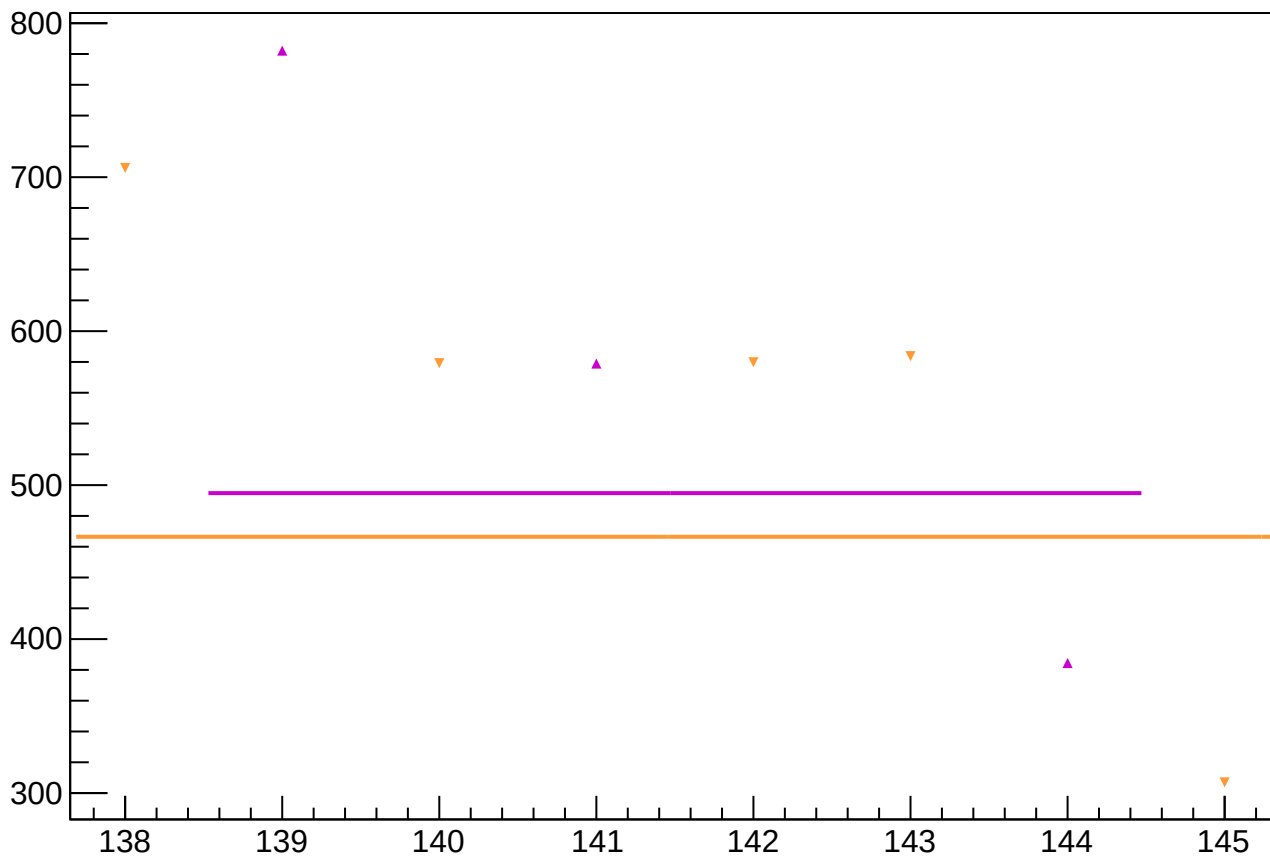
Left In: -266.122+/-331.492 χ^2/NDF : 2.4/2

-297.342+/-275.541 χ^2/NDF : 8.7/4

-284.585+/-211.897 χ^2/NDF : 11.0/7

-266.122+/-331.492 χ^2/NDF : 2.4/2

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 466.467+/-0.195 χ^2/NDF : 624965.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

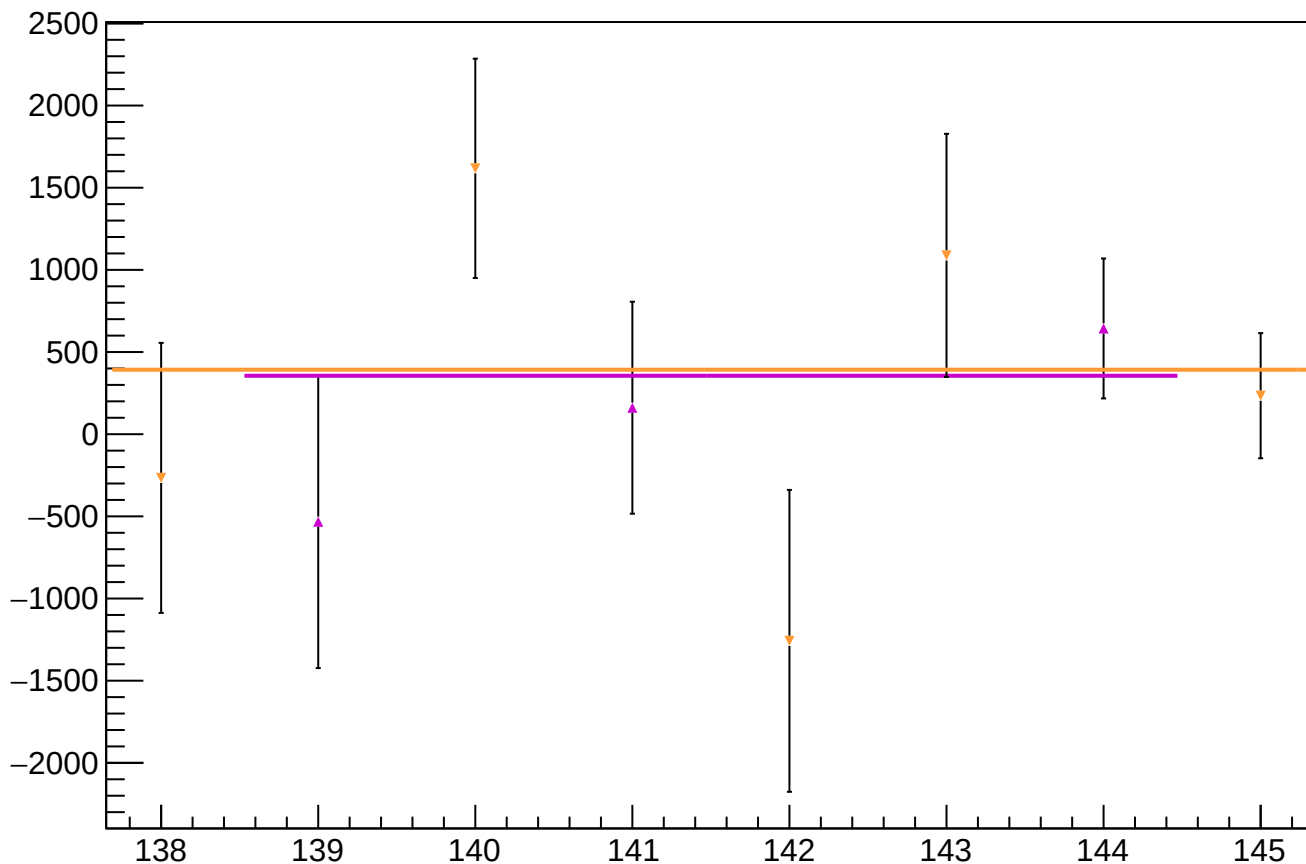
Left In: 494.816+/-0.234 χ^2/NDF : 379475.0/2

466.467+/-0.195 χ^2/NDF : 624965.9/4

478.050+/-0.150 χ^2/NDF : 1013091.1/7

494.816+/-0.234 χ^2/NDF : 379475.0/2

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 392.548+/-270.822 χ^2/NDF : 8.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

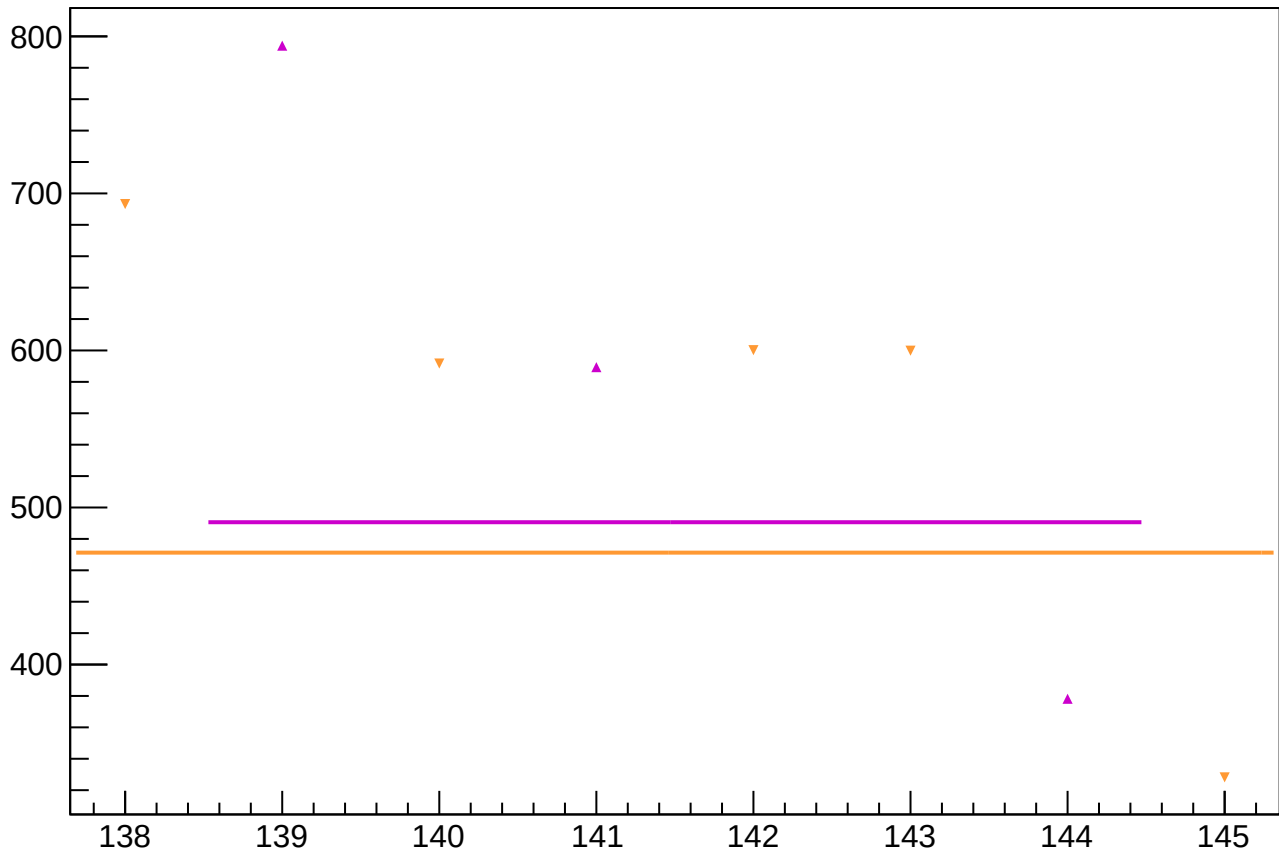
Left In: 355.604+/-330.029 χ^2/NDF : 1.5/2

392.548+/-270.822 χ^2/NDF : 8.3/4

377.681+/-209.356 χ^2/NDF : 9.8/7

355.604+/-330.029 χ^2/NDF : 1.5/2

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 471.261+/-0.191 χ^2/NDF : 593369.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

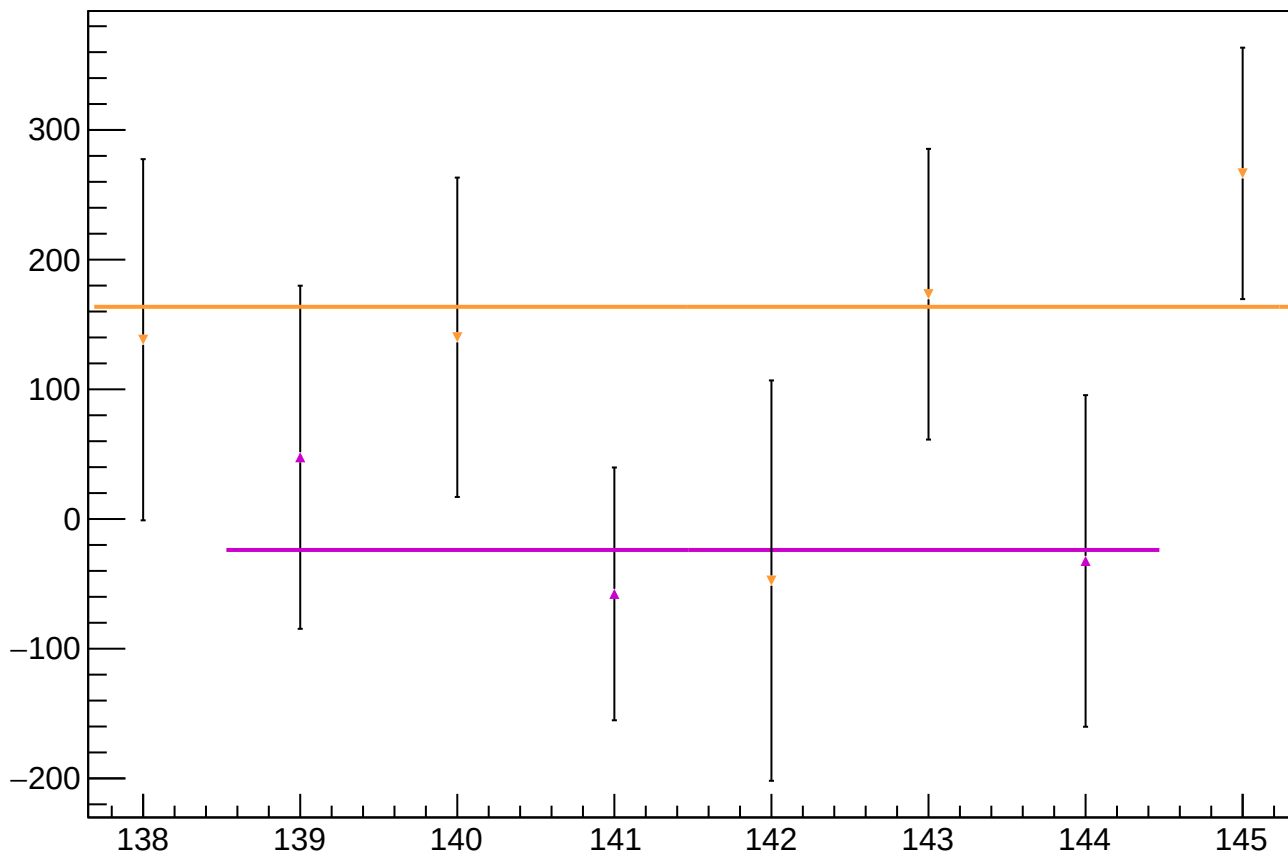
Left In: 490.626+/-0.233 χ^2/NDF : 418571.8/2

471.261+/-0.191 χ^2/NDF : 593369.4/4

479.054+/-0.148 χ^2/NDF : 1016056.0/7

490.626+/-0.233 χ^2/NDF : 418571.8/2

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 163.636 $\pm$ 53.799 χ^2 /NDF: 3.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

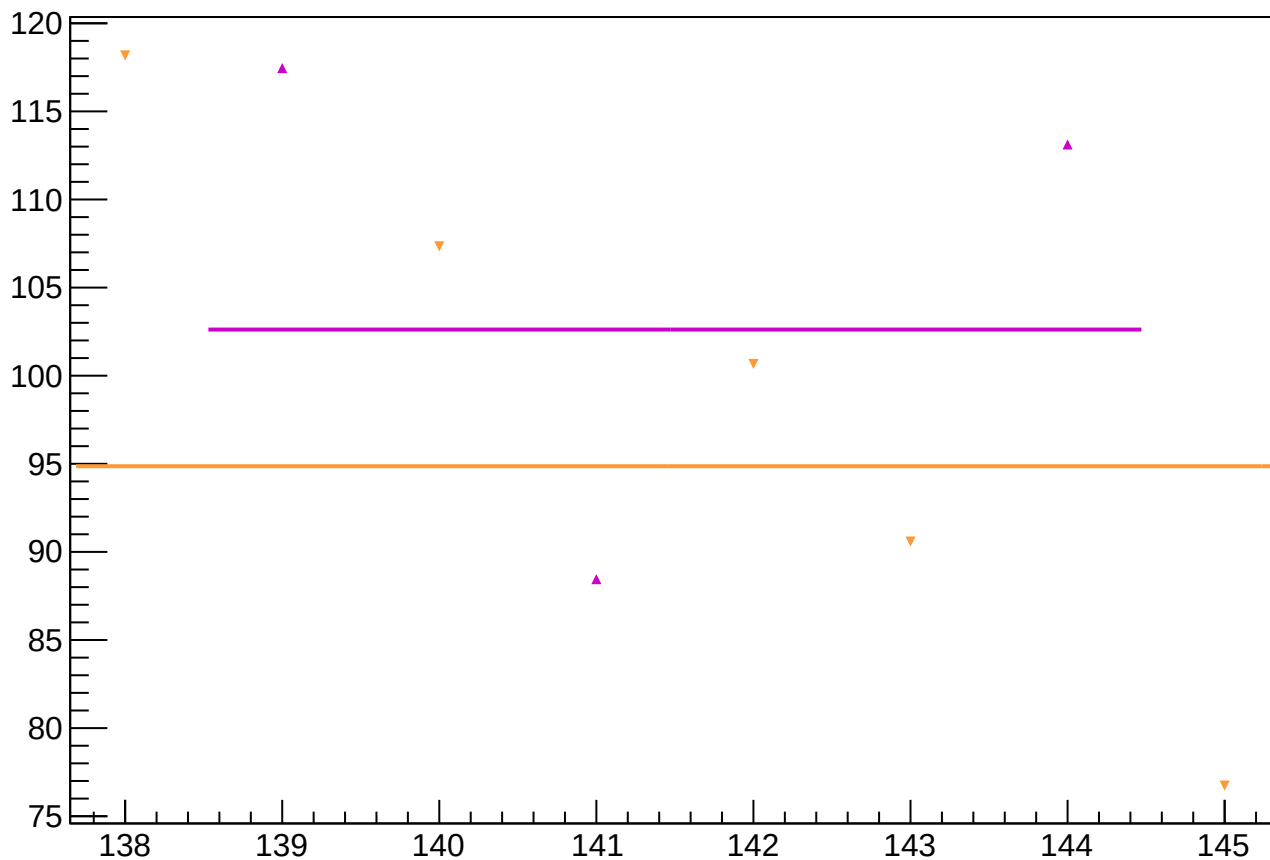
Left In: -23.855 $\pm$ 66.879 χ^2 /NDF: 0.4/2

163.636 $\pm$ 53.799 χ^2 /NDF: 3.1/4

89.977 $\pm$ 41.919 χ^2 /NDF: 8.3/7

-23.855 $\pm$ 66.879 χ^2 /NDF: 0.4/2

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 94.862+/-0.038 χ^2/NDF : 152261.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

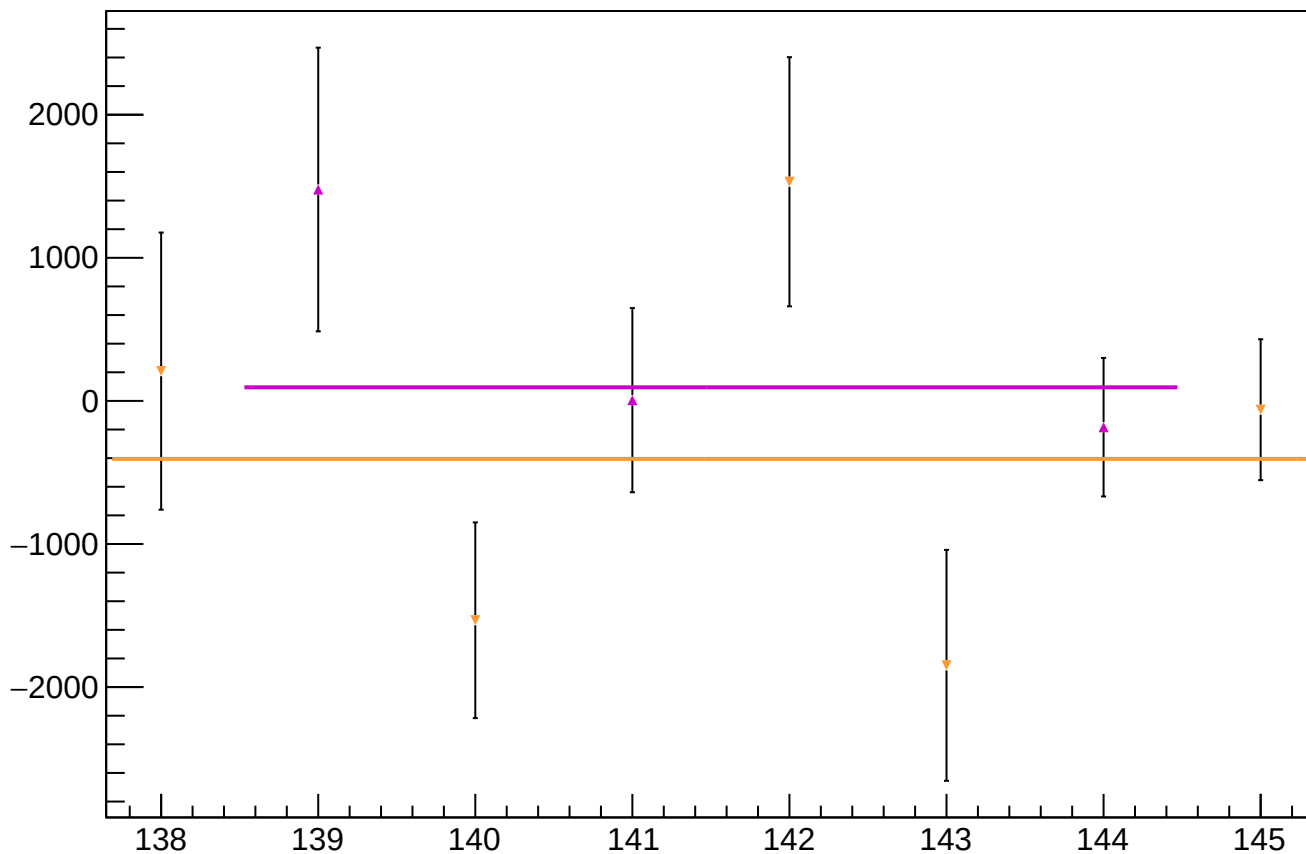
Left In: 102.618+/-0.047 χ^2/NDF : 80912.4/2

94.862+/-0.038 χ^2/NDF : 152261.2/4

97.909+/-0.030 χ^2/NDF : 249501.8/7

102.618+/-0.047 χ^2/NDF : 80912.4/2

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -405.170+/-313.348 χ^2/NDF : 11.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

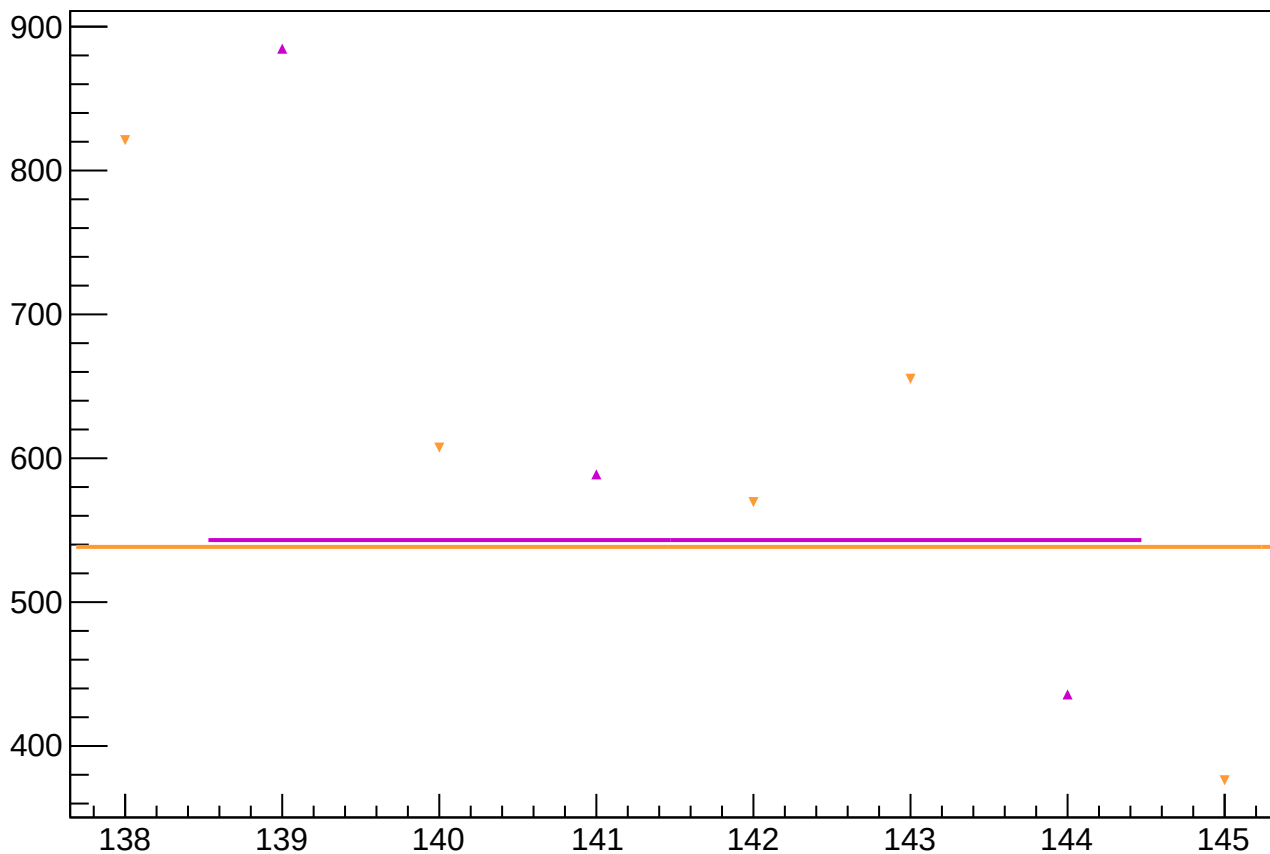
Left In: 95.026+/-360.405 χ^2/NDF : 2.3/2

-405.170+/-313.348 χ^2/NDF : 11.8/4

-189.838+/-236.470 χ^2/NDF : 15.1/7

95.026+/-360.405 χ^2/NDF : 2.3/2

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 538.412+/-0.222 χ^2/NDF : 452403.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

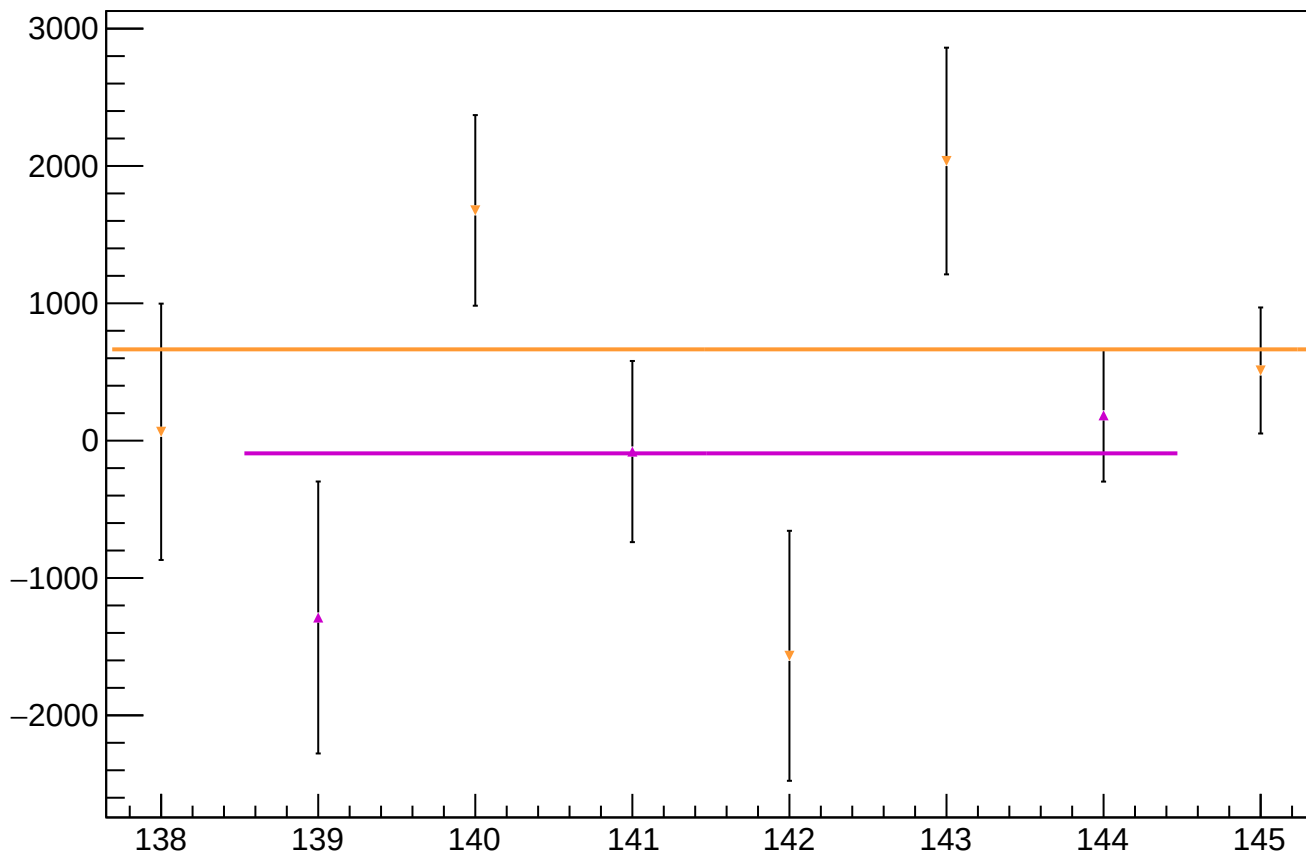
Left In: 543.140+/-0.255 χ^2/NDF : 345730.3/2

538.412+/-0.222 χ^2/NDF : 452403.8/4

540.448+/-0.167 χ^2/NDF : 798330.0/7

543.140+/-0.255 χ^2/NDF : 345730.3/2

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 664.755+/-306.433 χ^2/NDF : 11.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

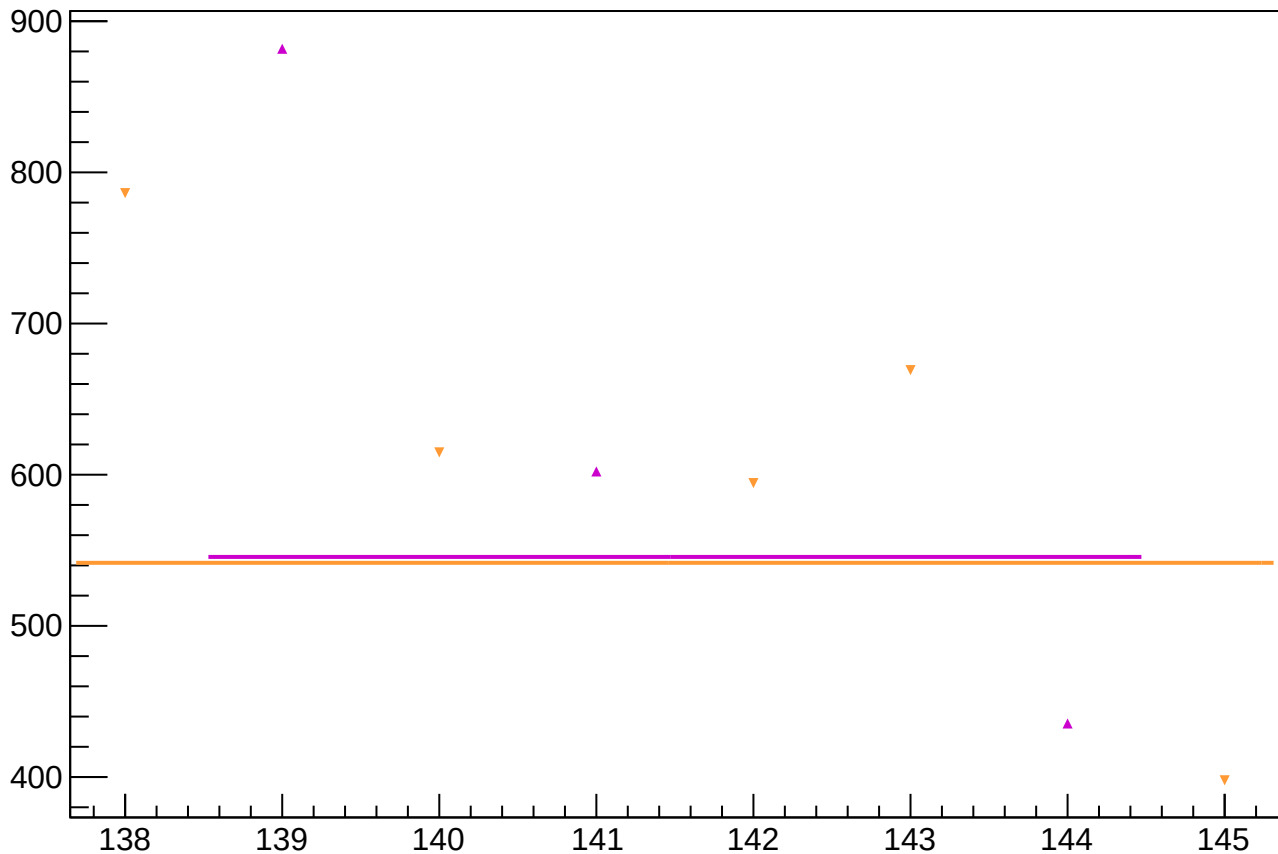
Left In: -92.502+/-362.461 χ^2/NDF : 1.8/2

664.755+/-306.433 χ^2/NDF : 11.4/4

349.114+/-234.011 χ^2/NDF : 15.8/7

-92.502+/-362.461 χ^2/NDF : 1.8/2

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 541.710+/-0.217 χ^2/NDF : 410573.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

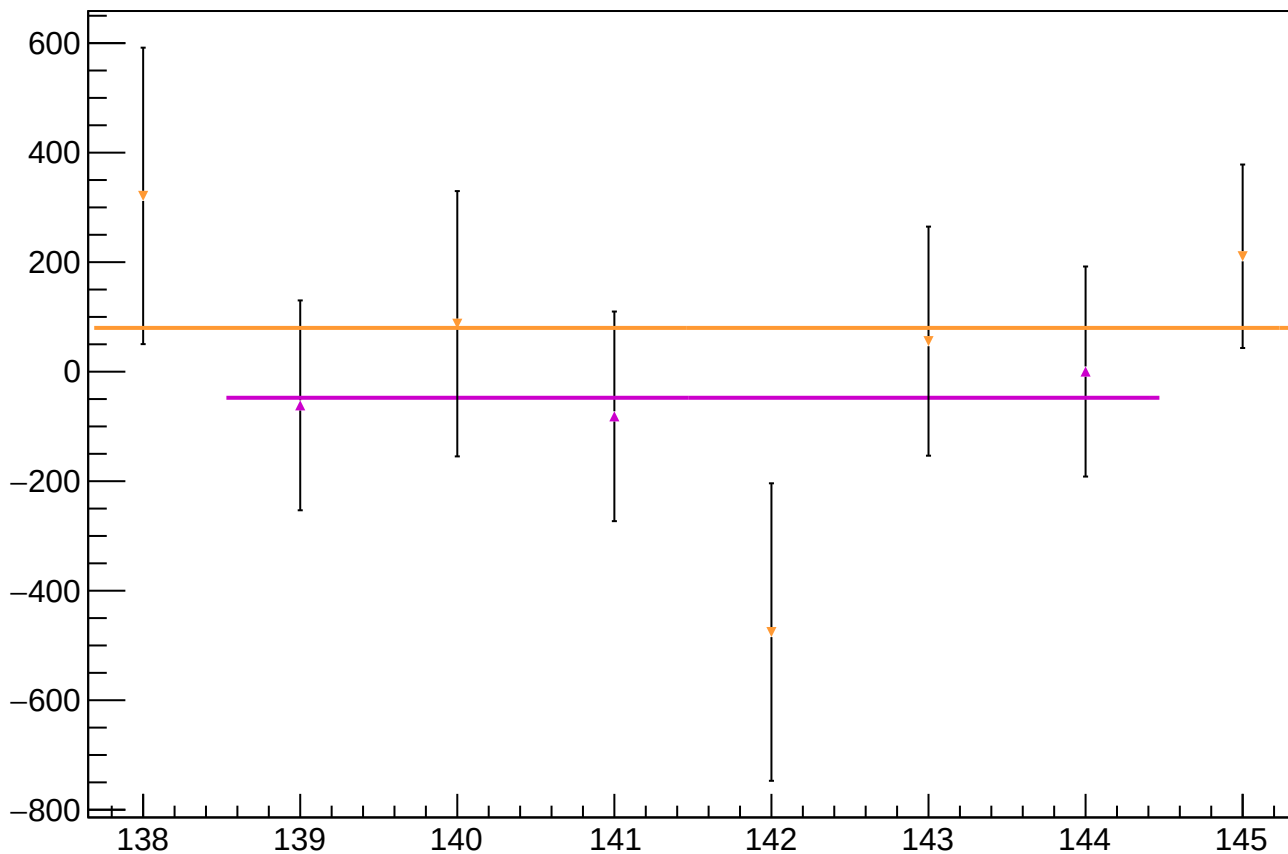
Left In: 545.614+/-0.256 χ^2/NDF : 349481.9/2

541.710+/-0.217 χ^2/NDF : 410573.2/4

543.337+/-0.165 χ^2/NDF : 760190.4/7

545.614+/-0.256 χ^2/NDF : 349481.9/2

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 79.942 $\pm$ 98.670 χ^2 /NDF: 5.6/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

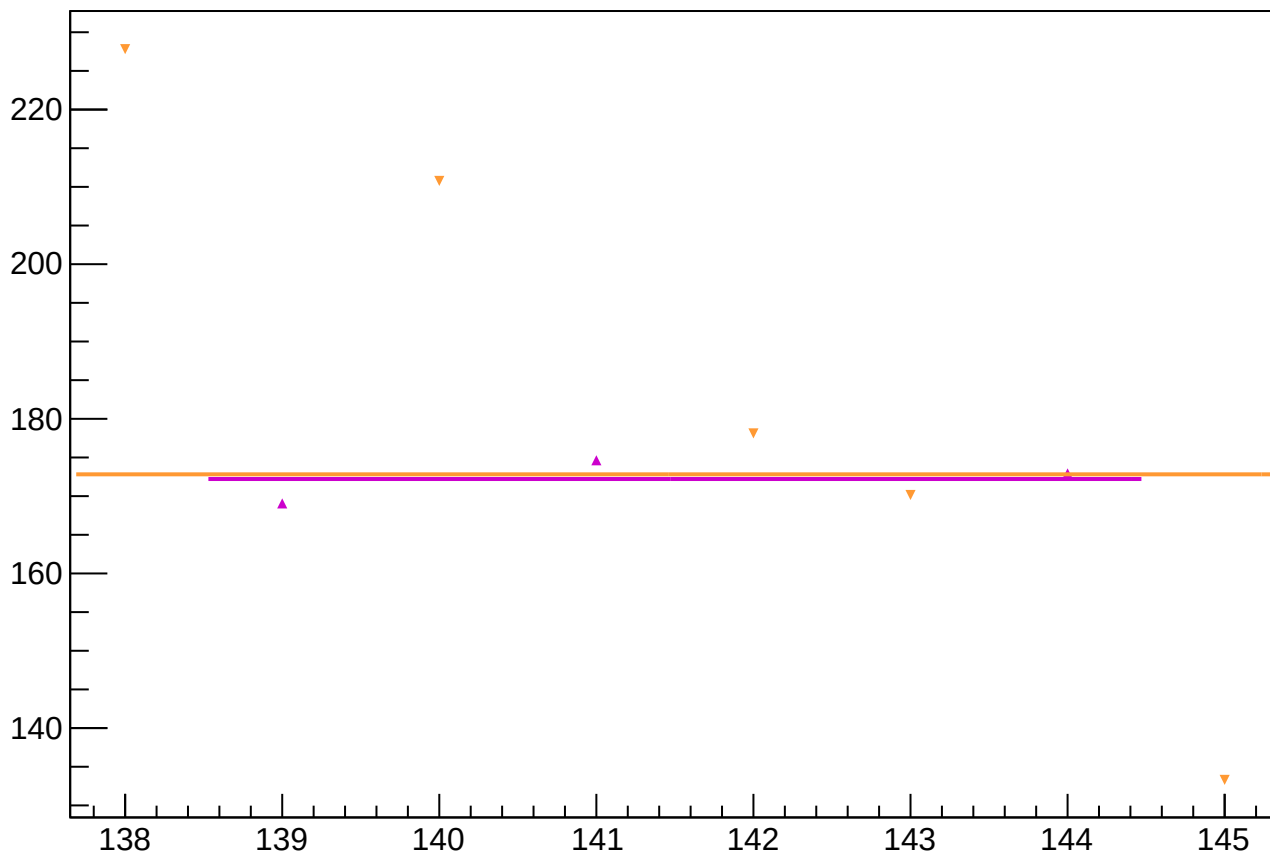
Left In: -47.649 $\pm$ 110.629 χ^2 /NDF: 0.1/2

79.942 $\pm$ 98.670 χ^2 /NDF: 5.6/4

23.414 $\pm$ 73.637 χ^2 /NDF: 6.4/7

-47.649 $\pm$ 110.629 χ^2 /NDF: 0.1/2

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 172.820+/-0.070 χ^2/NDF : 243976.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

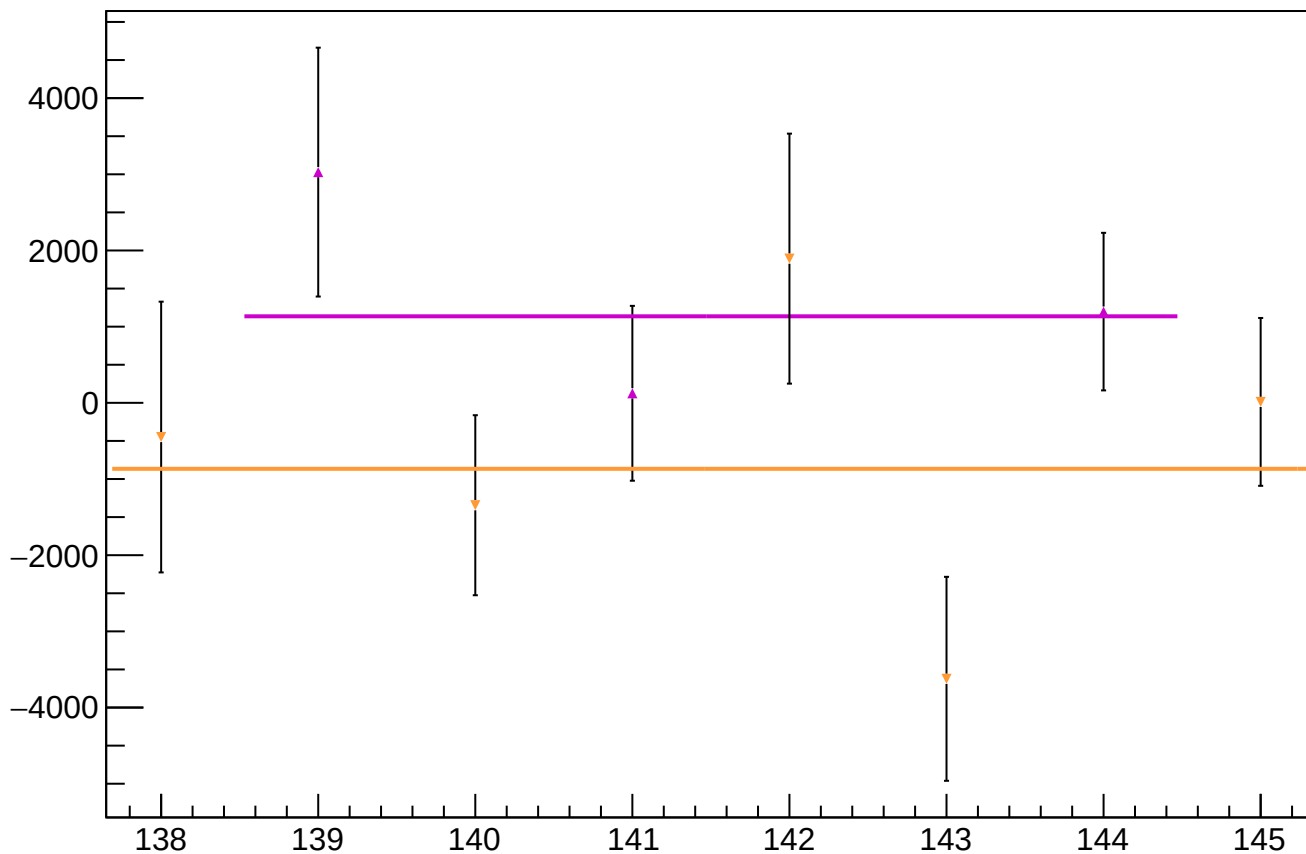
Left In: 172.215+/-0.078 χ^2/NDF : 891.9/2

172.820+/-0.070 χ^2/NDF : 243976.1/4

172.552+/-0.052 χ^2/NDF : 244901.4/7

172.215+/-0.078 χ^2/NDF : 891.9/2

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -866.095+/-599.107 χ^2/NDF : 7.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

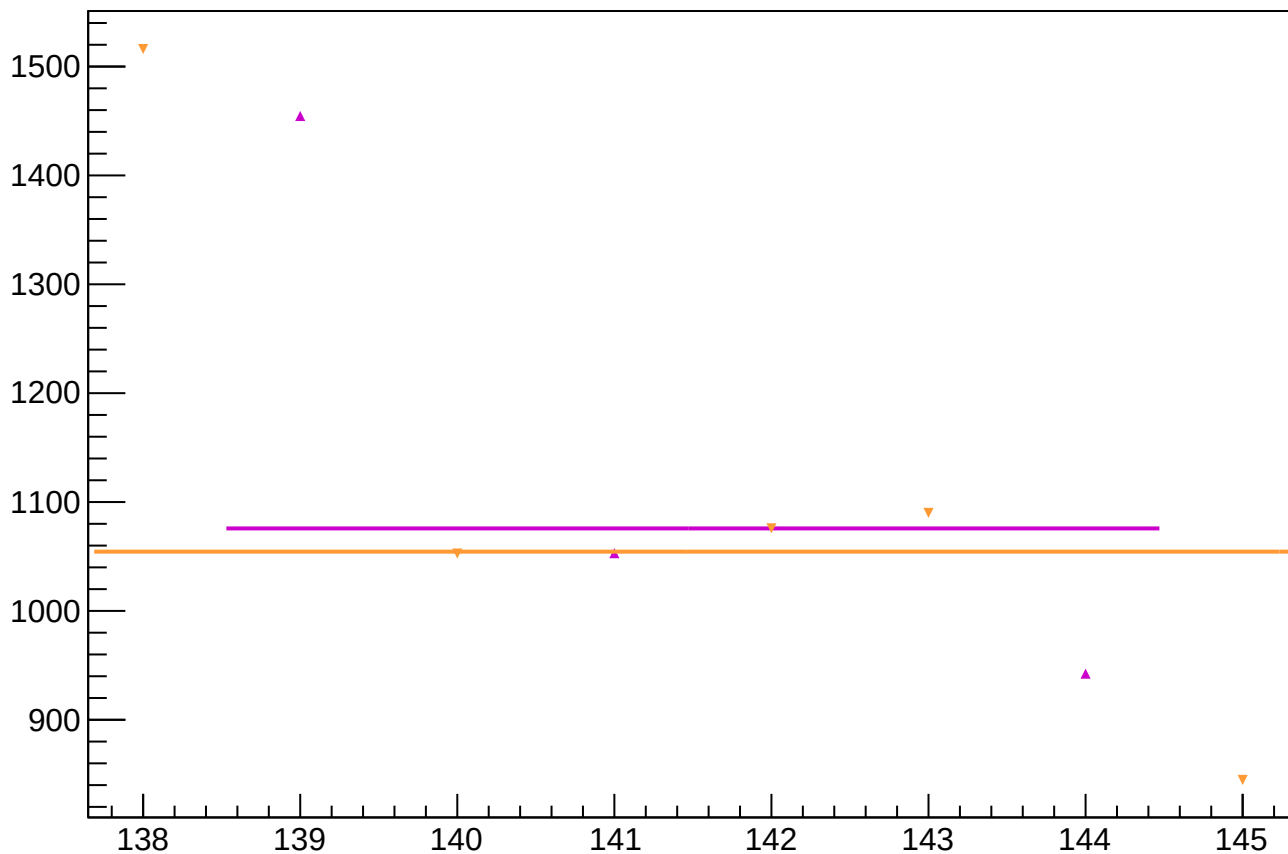
Left In: 1135.834+/-695.268 χ^2/NDF : 2.1/2

-866.095+/-599.107 χ^2/NDF : 7.9/4

-13.040+/-453.854 χ^2/NDF : 14.8/7

1135.834+/-695.268 χ^2/NDF : 2.1/2

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 1054.426 $\pm$ 0.424 χ^2/NDF : 209174.5/4

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

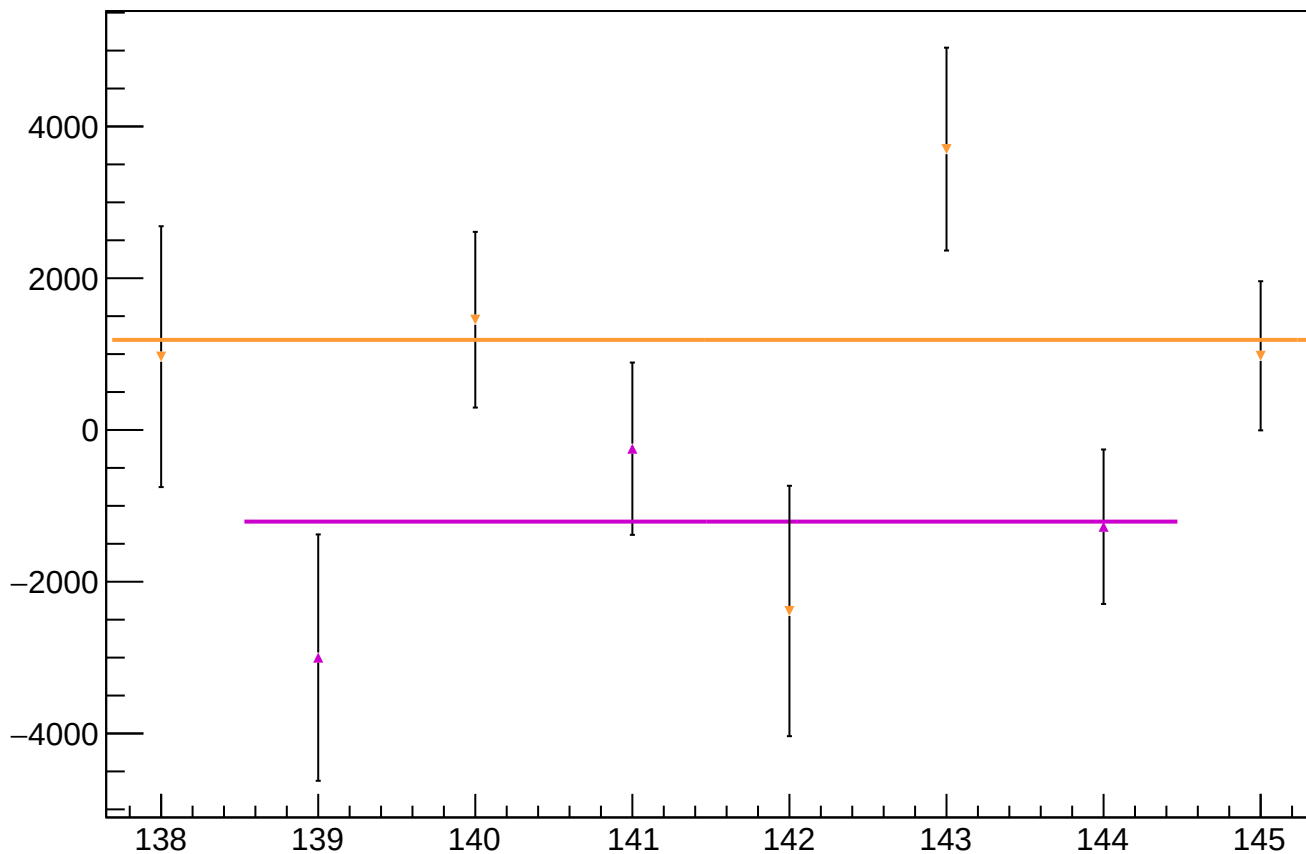
Left In: 1075.770 $\pm$ 0.492 χ^2/NDF : 141624.7/2

1054.426 $\pm$ 0.424 χ^2/NDF : 209174.5/4

1063.521 $\pm$ 0.321 χ^2/NDF : 351881.0/7

1075.770 $\pm$ 0.492 χ^2/NDF : 141624.7/2

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1187.578+/-572.927 χ^2/NDF : 8.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

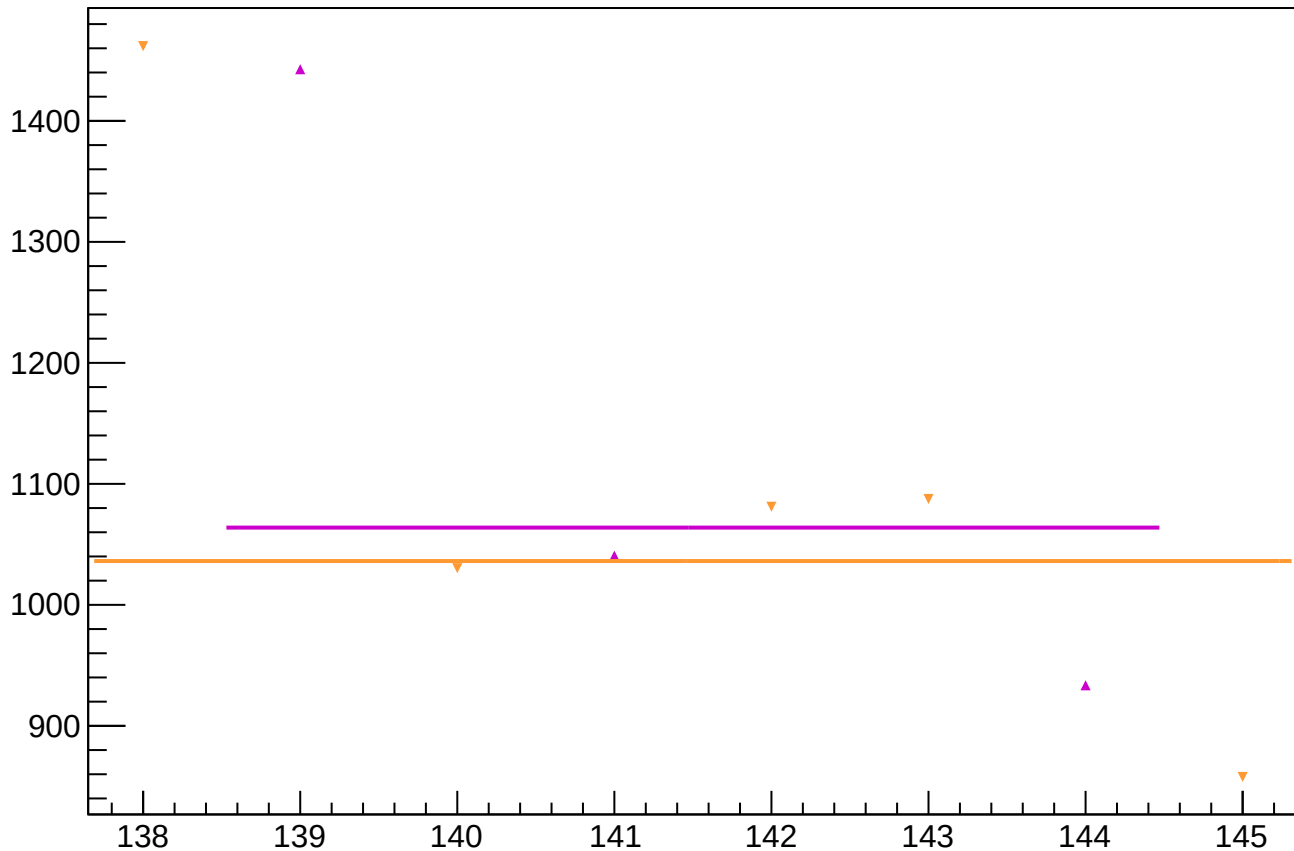
Left In: -1207.609+/-686.782 χ^2/NDF : 1.9/2

1187.578+/-572.927 χ^2/NDF : 8.3/4

204.712+/-439.943 χ^2/NDF : 17.5/7

-1207.609+/-686.782 χ^2/NDF : 1.9/2

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1036.227+/-0.405 χ^2/NDF : 192999.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

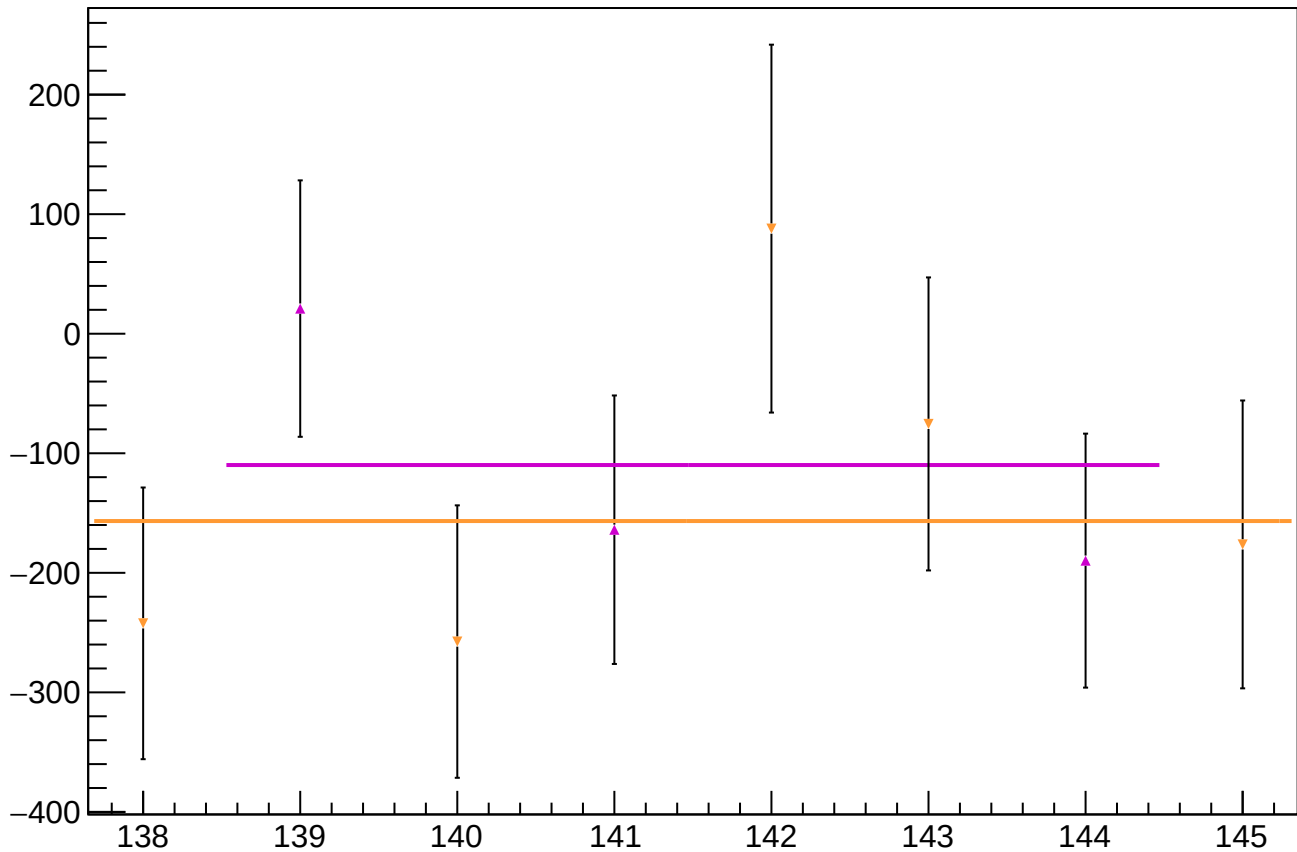
Left In: 1063.858+/-0.486 χ^2/NDF : 142527.9/2

1036.227+/-0.405 χ^2/NDF : 192999.0/4

1047.565+/-0.311 χ^2/NDF : 337435.8/7

1063.858+/-0.486 χ^2/NDF : 142527.9/2

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -156.693+/-54.859 χ^2/NDF : 4.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

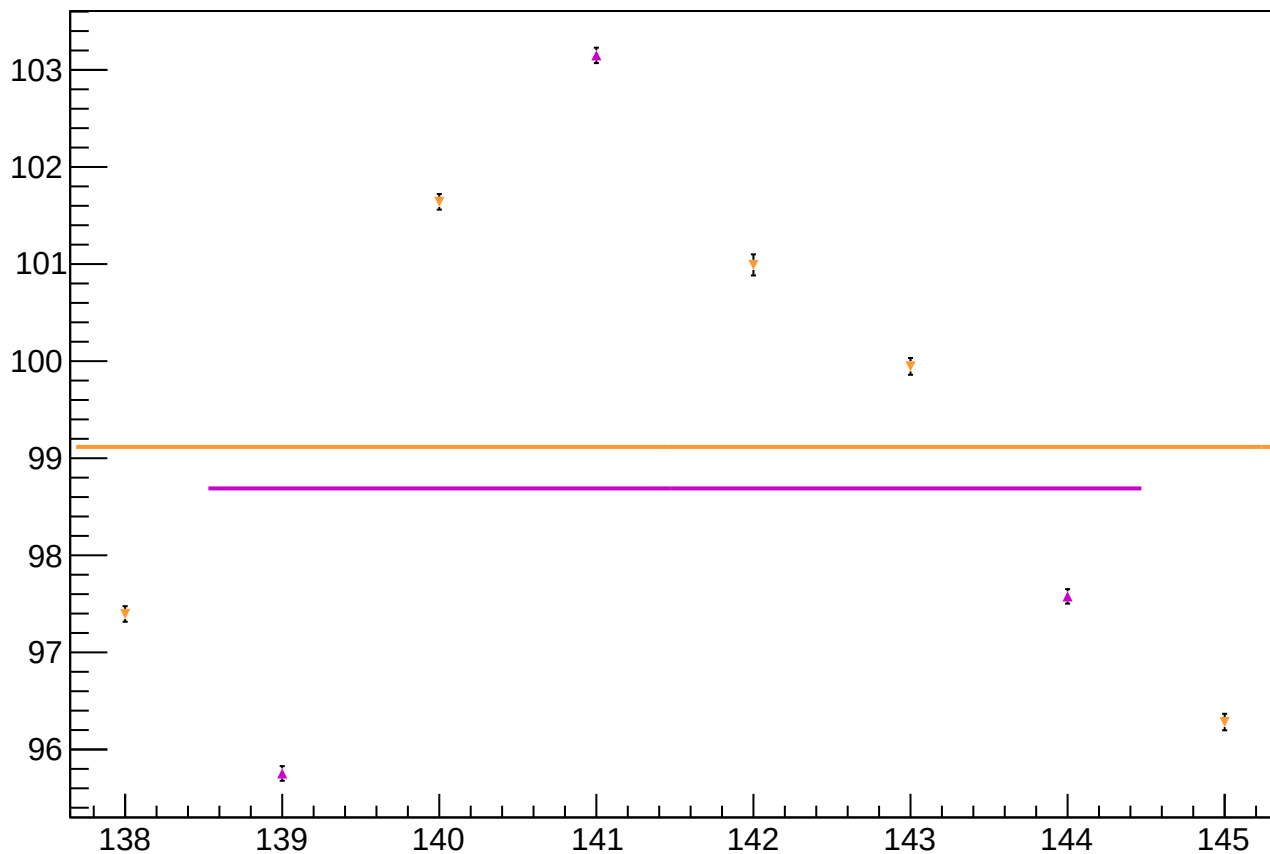
Left In: -109.839+/-62.639 χ^2/NDF : 2.3/2

-156.693+/-54.859 χ^2/NDF : 4.3/4

-136.355+/-41.269 χ^2/NDF : 6.9/7

-109.839+/-62.639 χ^2/NDF : 2.3/2

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 99.117 ± 0.039 χ^2/NDF : 2937.1/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

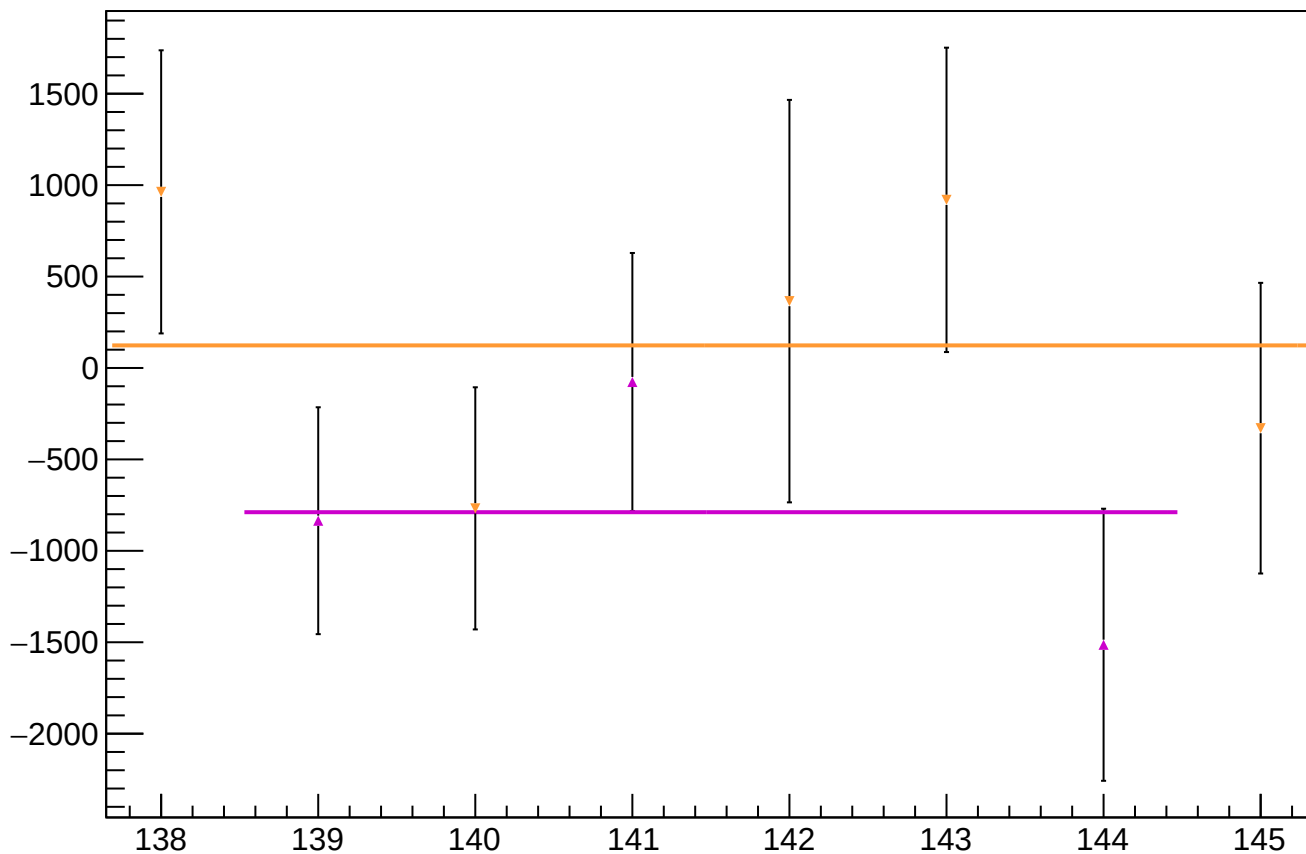
Left In: 98.689 ± 0.044 χ^2/NDF : 4873.5/2

99.117 ± 0.039 χ^2/NDF : 2937.1/4

98.931 ± 0.029 χ^2/NDF : 7863.3/7

98.689 ± 0.044 χ^2/NDF : 4873.5/2

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 123.508+/-358.021 χ^2/NDF : 4.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

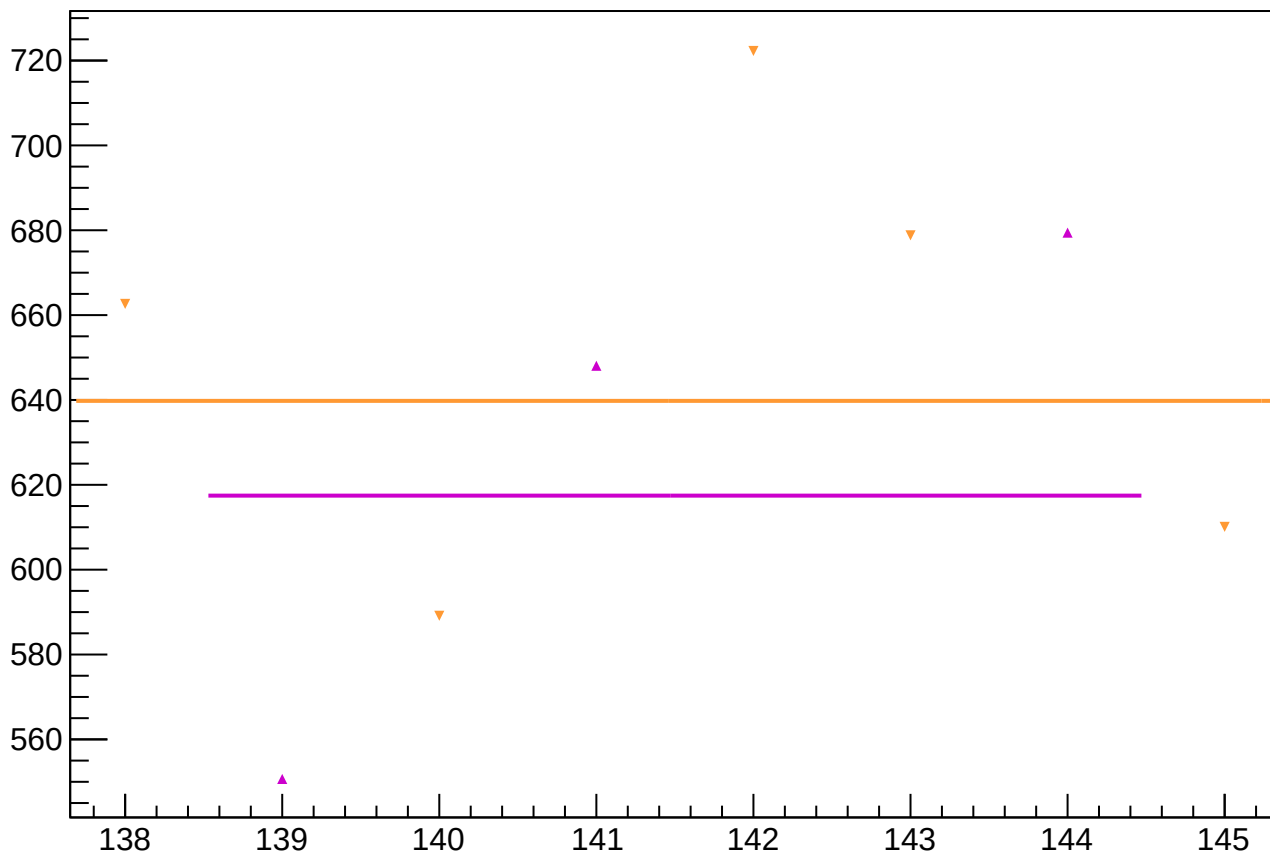
Left In: -788.726+/-394.870 χ^2/NDF : 2.0/2

123.508+/-358.021 χ^2/NDF : 4.3/4

-288.069+/-265.232 χ^2/NDF : 9.2/7

-788.726+/-394.870 χ^2/NDF : 2.0/2

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 639.787+/-0.253 χ^2/NDF : 31864.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

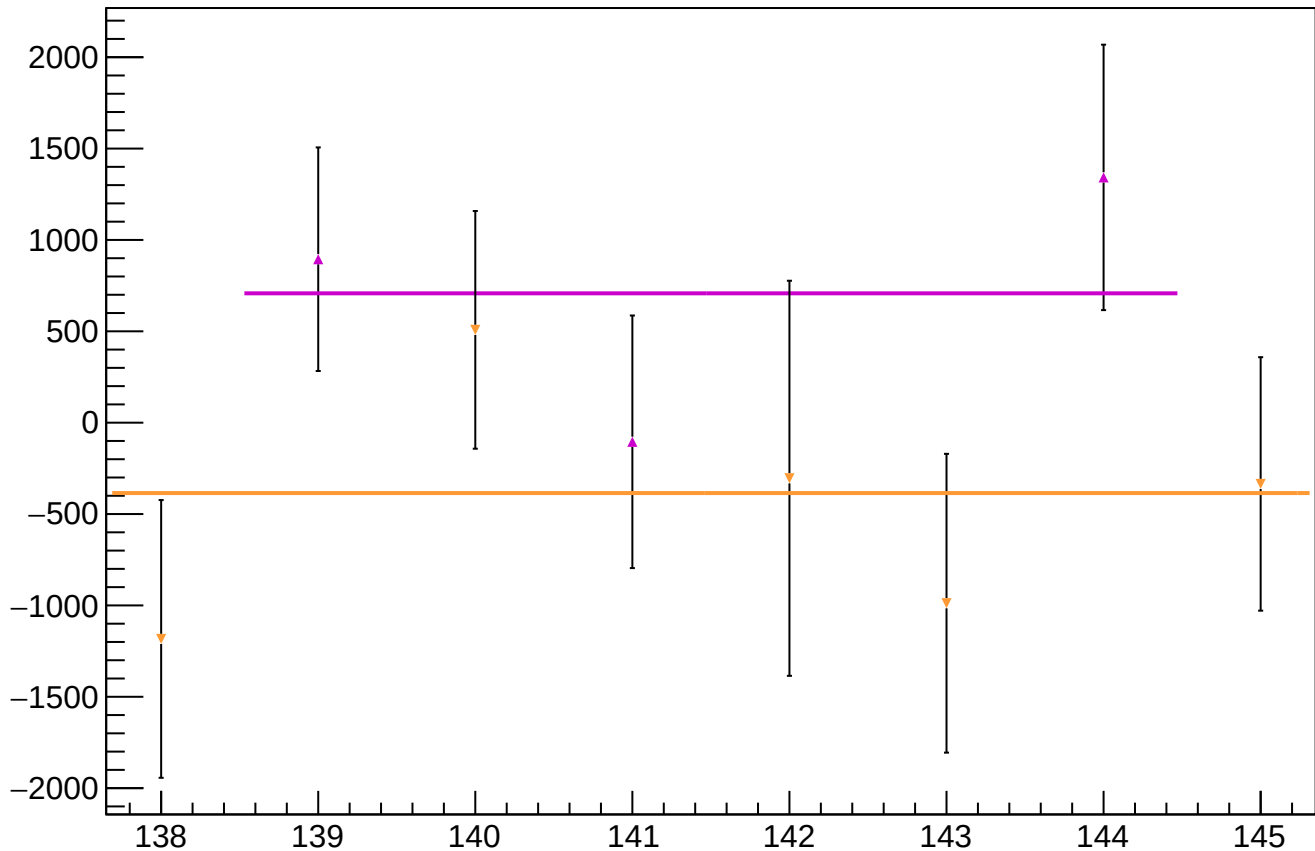
Left In: 617.453+/-0.279 χ^2/NDF : 40814.6/2

639.787+/-0.253 χ^2/NDF : 31864.2/4

629.710+/-0.188 χ^2/NDF : 76190.1/7

617.453+/-0.279 χ^2/NDF : 40814.6/2

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -385.151+/-342.477 χ^2/NDF : 3.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

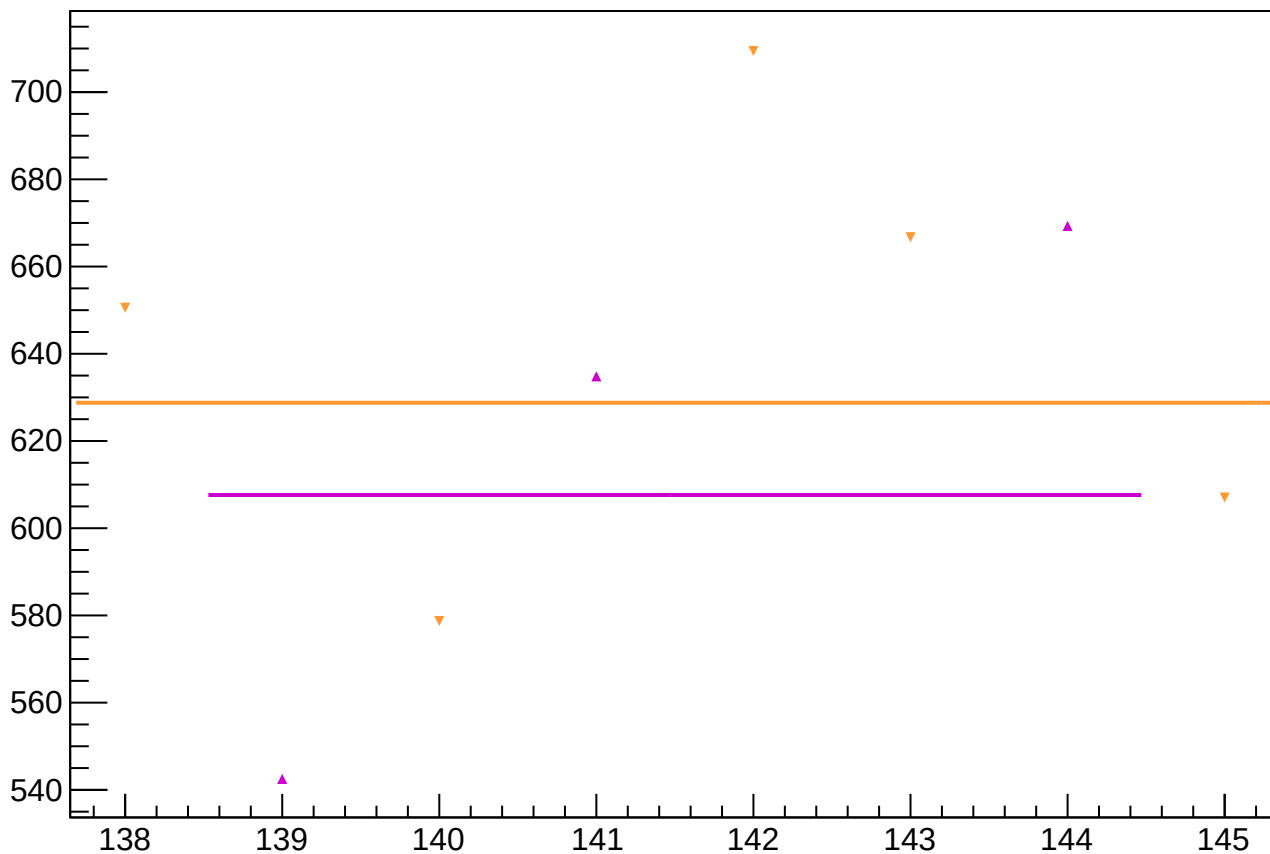
Left In: 707.908+/-387.452 χ^2/NDF : 2.2/2

-385.151+/-342.477 χ^2/NDF : 3.5/4

94.284+/-256.603 χ^2/NDF : 10.2/7

707.908+/-387.452 χ^2/NDF : 2.2/2

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 628.771+/-0.242 χ^2/NDF : 30892.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

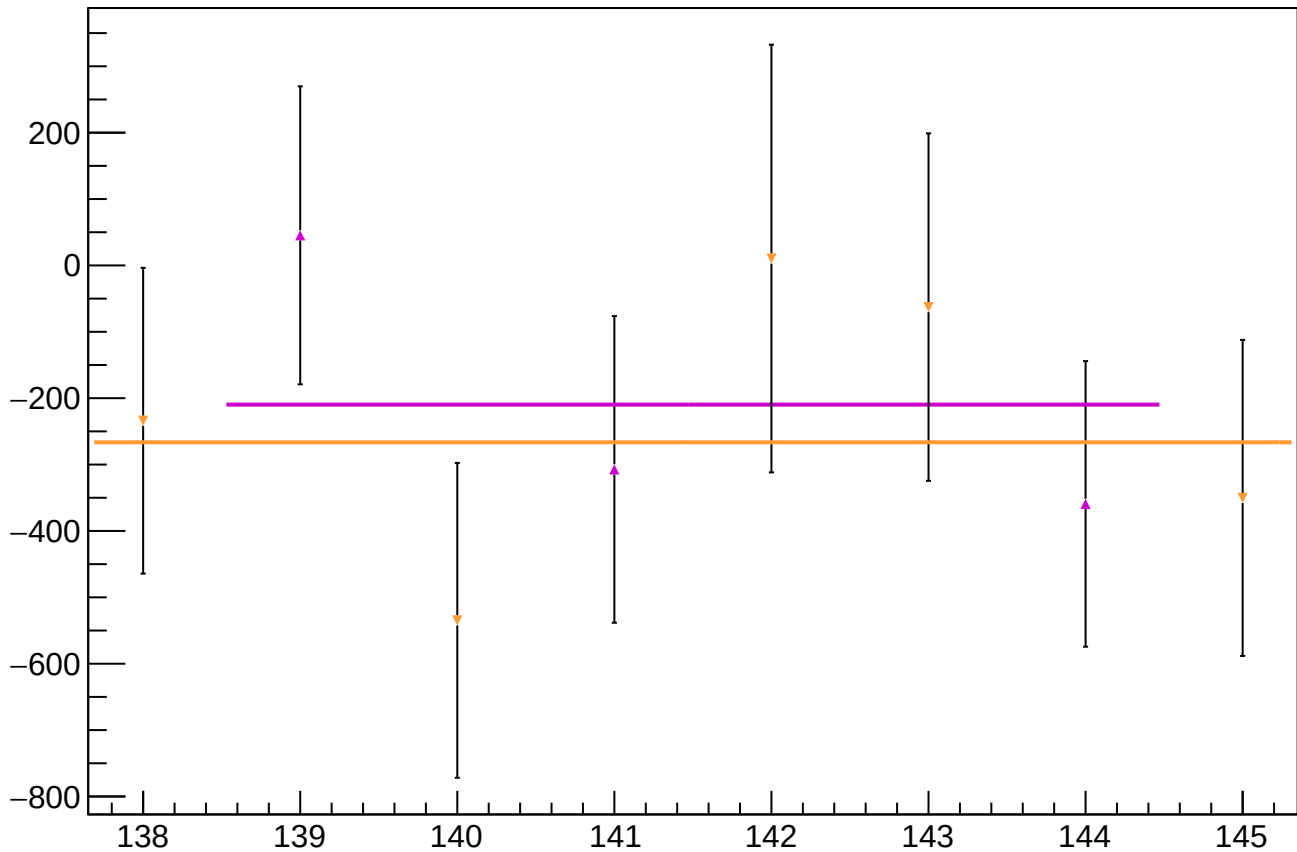
Left In: 607.616+/-0.274 χ^2/NDF : 40187.2/2

628.771+/-0.242 χ^2/NDF : 30892.4/4

619.492+/-0.181 χ^2/NDF : 74426.8/7

607.616+/-0.274 χ^2/NDF : 40187.2/2

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -266.385+/-112.865 χ^2/NDF : 2.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

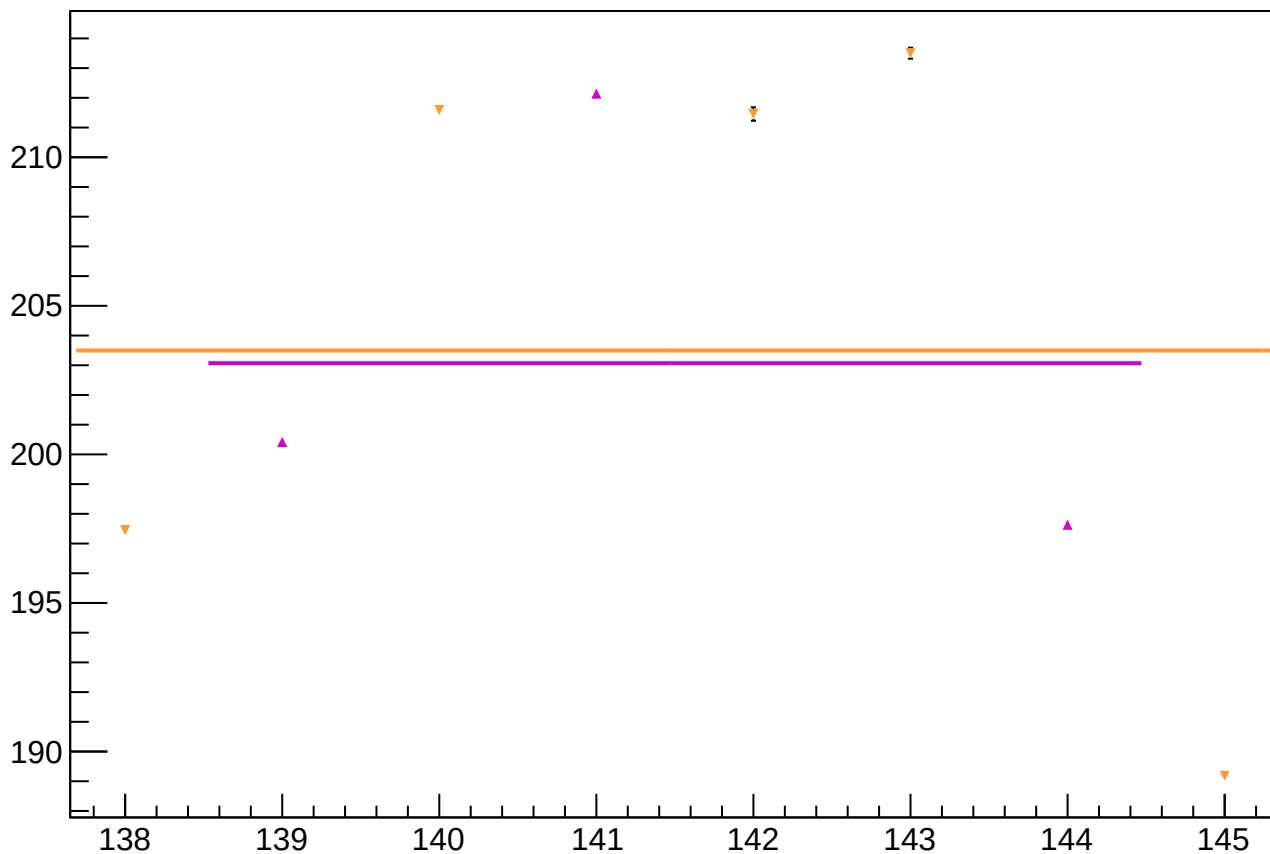
Left In: -209.681+/-128.890 χ^2/NDF : 2.0/2

-266.385+/-112.865 χ^2/NDF : 2.8/4

-241.775+/-84.912 χ^2/NDF : 4.8/7

-209.681+/-128.890 χ^2/NDF : 2.0/2

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 203.496+/-0.080 χ^2/NDF :15079.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

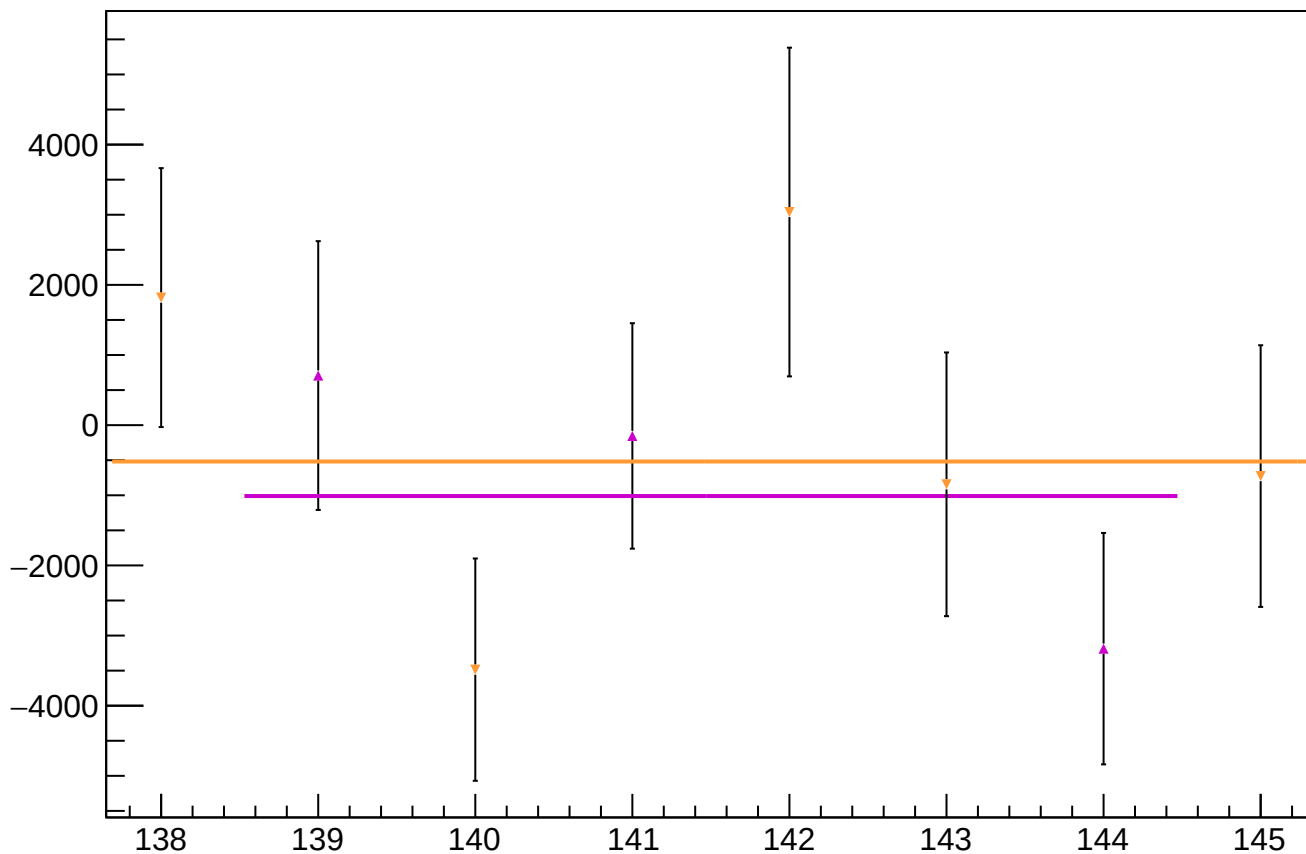
Left In: 203.069+/-0.091 χ^2/NDF :4641.9/2

203.496+/-0.080 χ^2/NDF : 15079.7/4

203.311+/-0.060 χ^2/NDF : 19734.0/7

203.069+/-0.091 χ^2/NDF : 4641.9/2

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -518.317+/-832.127 χ^2/NDF : 7.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

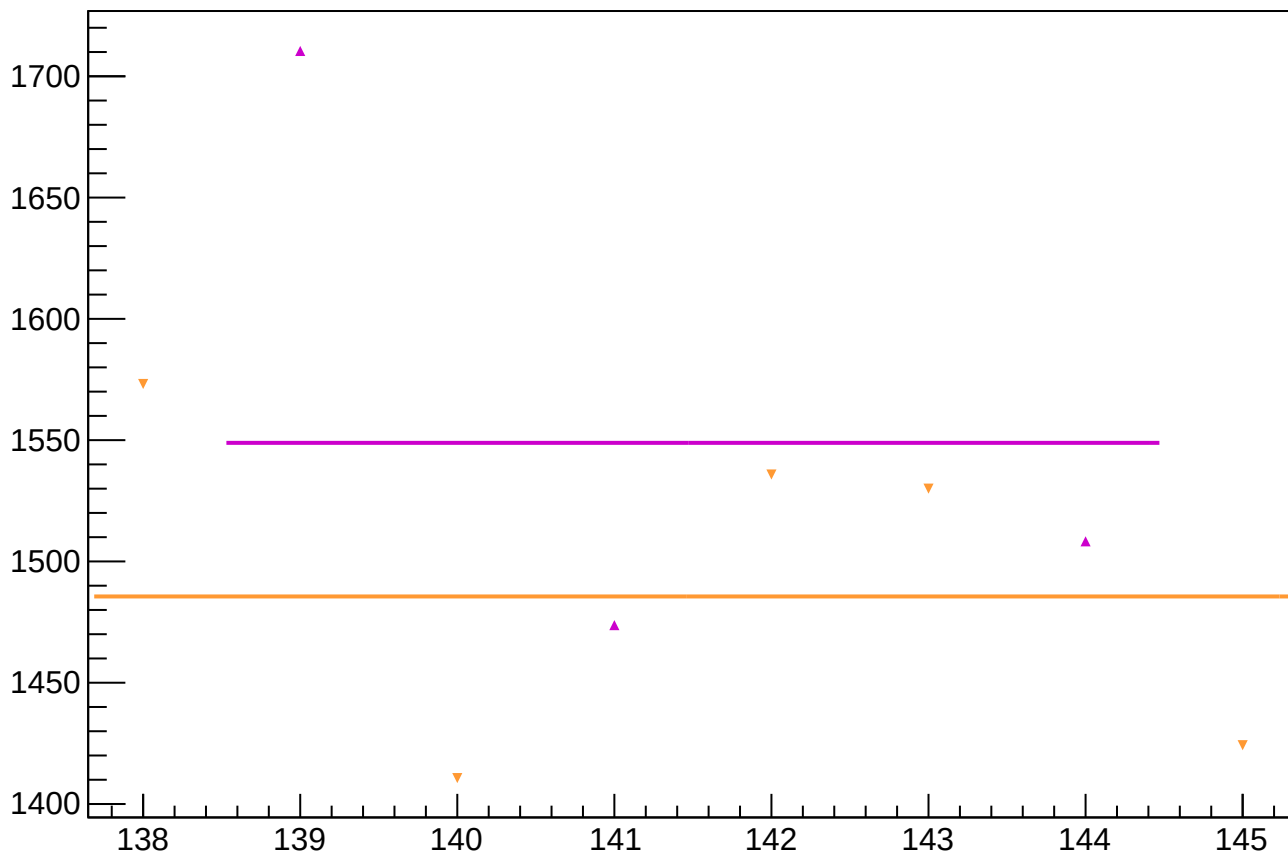
Left In: -1010.570+/-986.817 χ^2/NDF : 2.8/2

-518.317+/-832.127 χ^2/NDF : 7.5/4

-722.881+/-636.146 χ^2/NDF : 10.4/7

-1010.570+/-986.817 χ^2/NDF : 2.8/2

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1485.561+/-0.588 χ^2/NDF : 13167.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

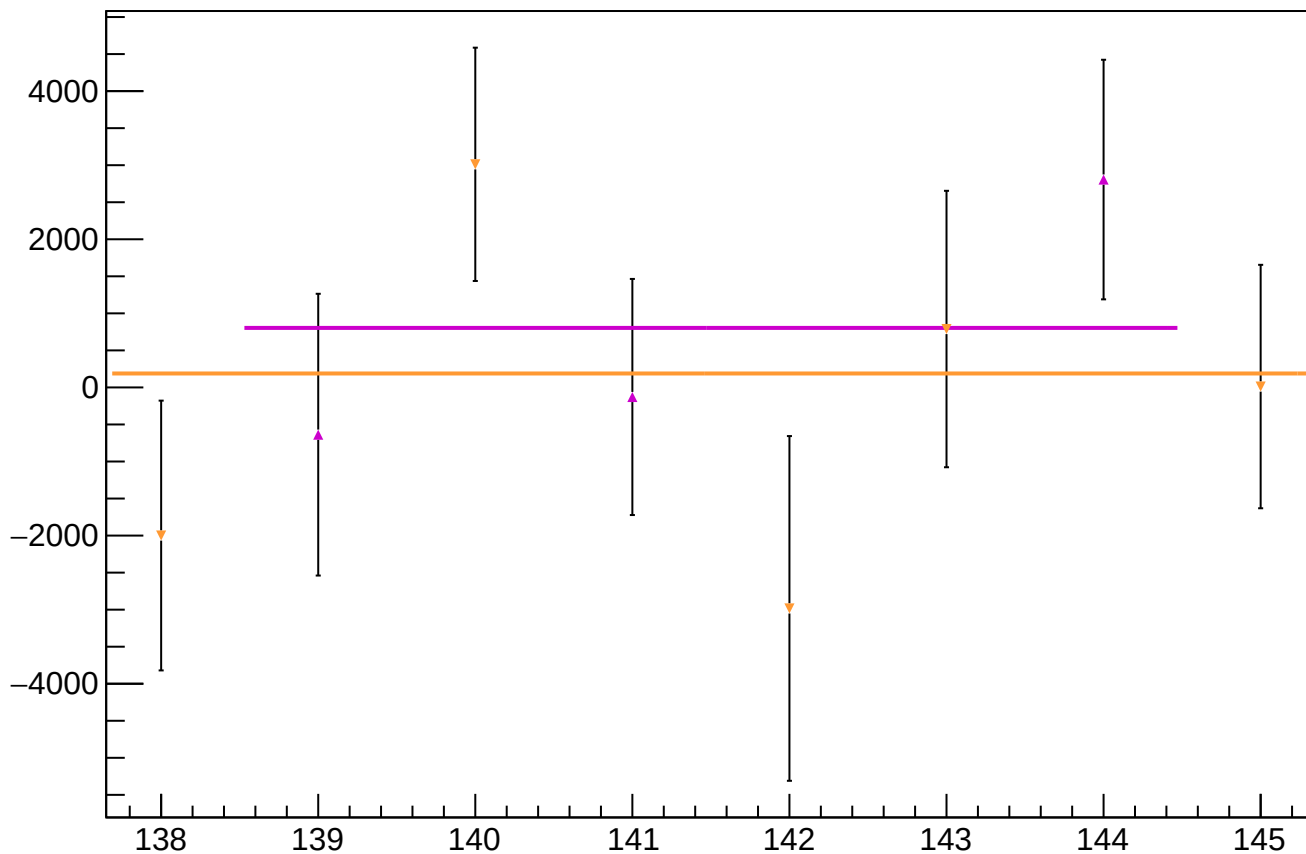
Left In: 1548.886+/-0.698 χ^2/NDF : 19799.6/2

1485.561+/-0.588 χ^2/NDF : 13167.8/4

1511.877+/-0.450 χ^2/NDF : 37780.7/7

1548.886+/-0.698 χ^2/NDF : 19799.6/2

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 188.248+/-803.960 χ^2/NDF : 6.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

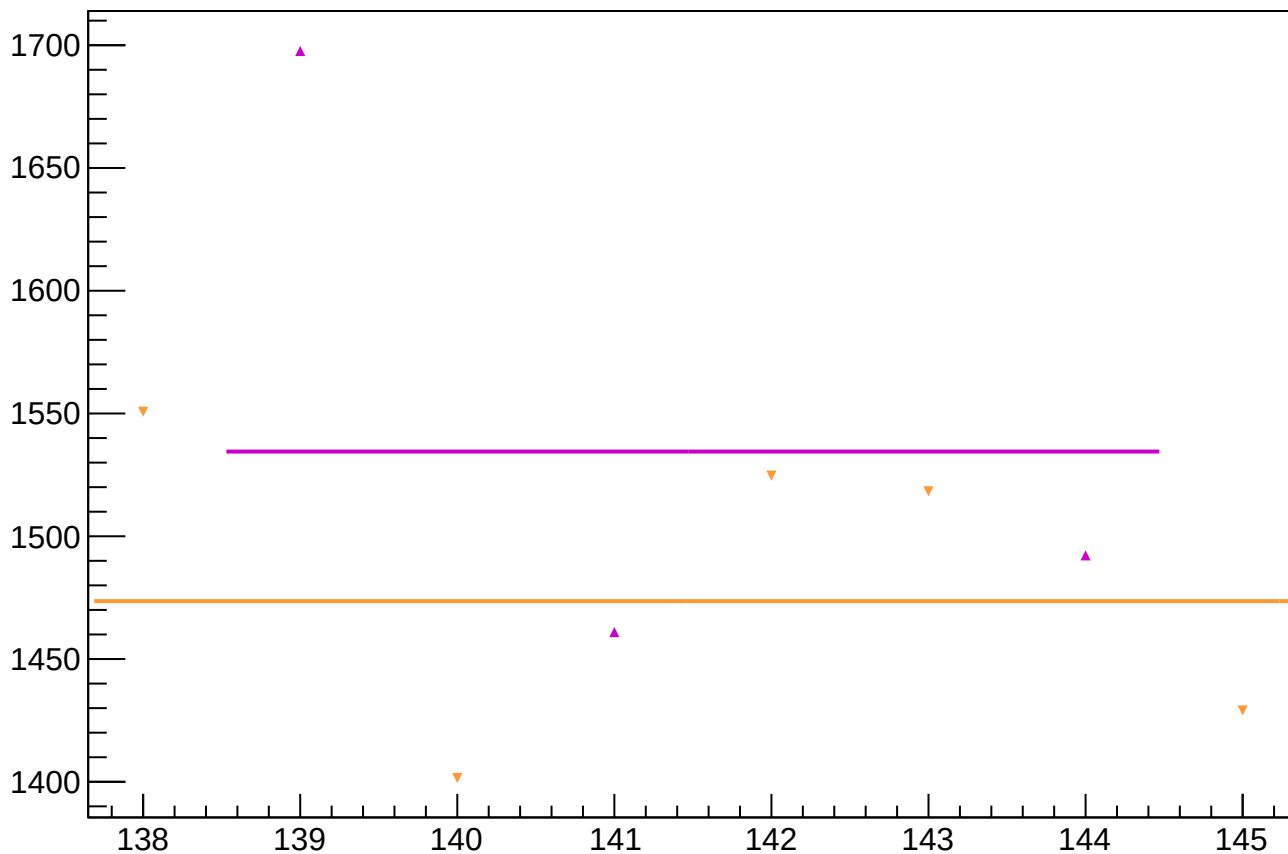
Left In: 803.556+/-974.680 χ^2/NDF : 2.5/2

188.248+/-803.960 χ^2/NDF : 6.6/4

437.382+/-620.201 χ^2/NDF : 9.3/7

803.556+/-974.680 χ^2/NDF : 2.5/2

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1473.581+/-0.568 χ^2/NDF : 11359.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

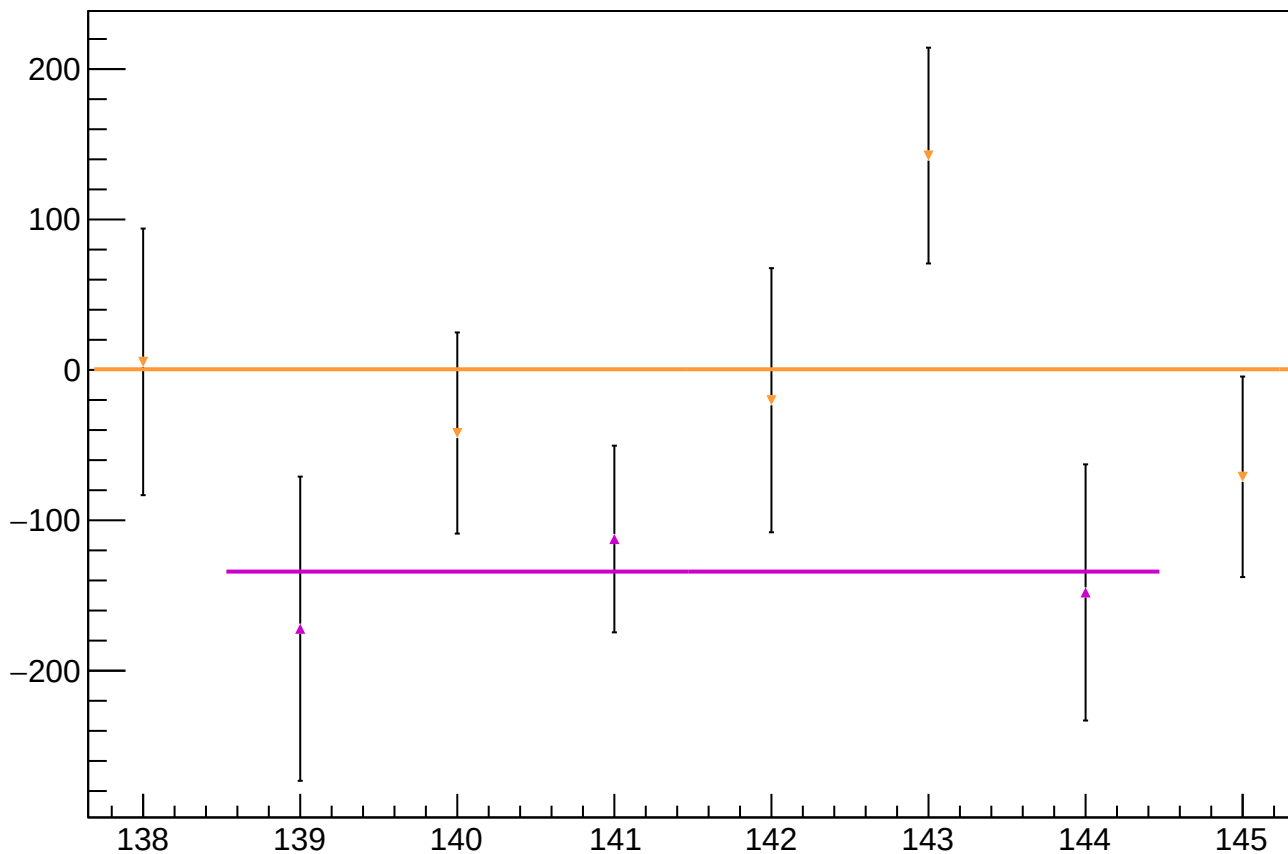
Left In: 1534.499+/-0.689 χ^2/NDF : 20343.3/2

1473.581+/-0.568 χ^2/NDF : 11359.5/4

1498.247+/-0.439 χ^2/NDF : 36352.1/7

1534.499+/-0.689 χ^2/NDF : 20343.3/2

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.415+/-33.336 χ^2/NDF : 5.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

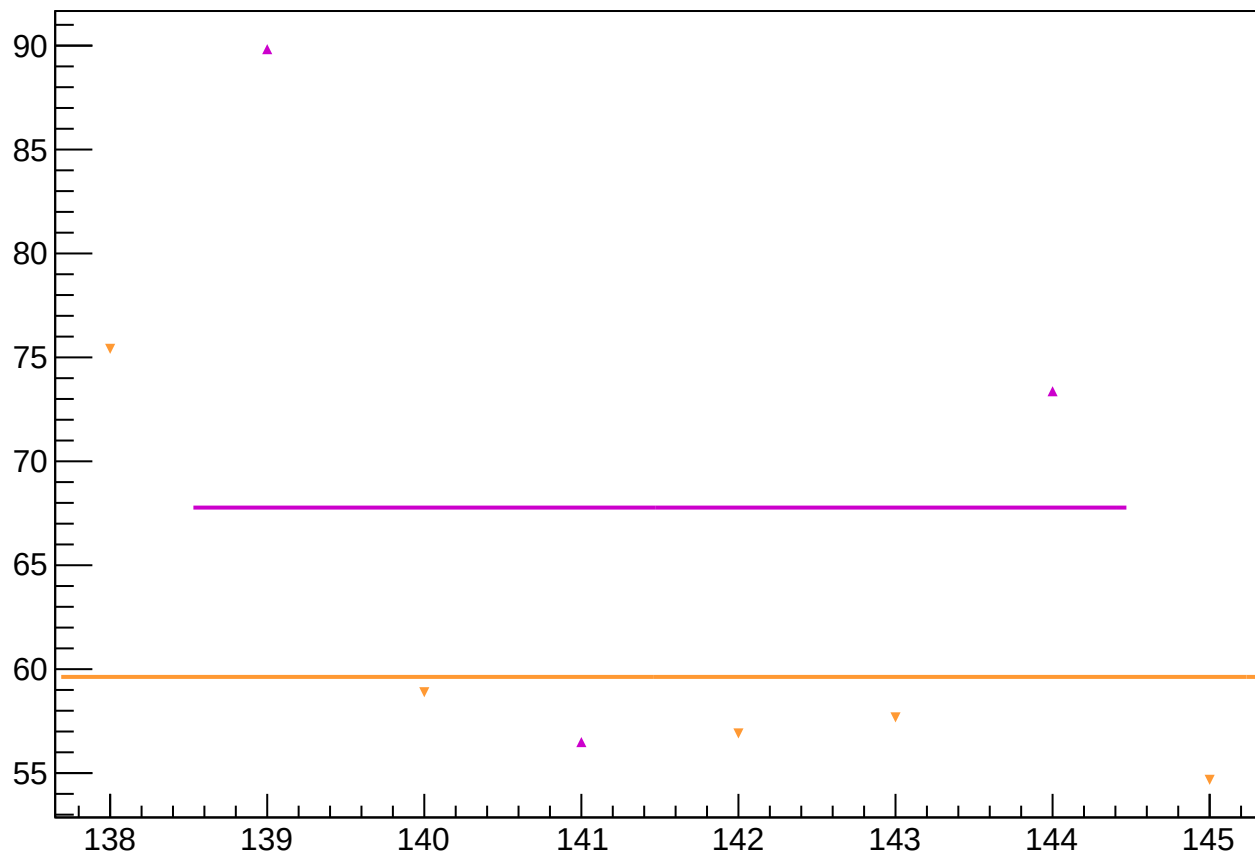
Left In: -134.109+/-44.933 χ^2/NDF : 0.3/2

0.415+/-33.336 χ^2/NDF : 5.5/4

-47.343+/-26.773 χ^2/NDF : 11.6/7

-134.109+/-44.933 χ^2/NDF : 0.3/2

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 59.627+/-0.024 χ^2/NDF : 78101.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

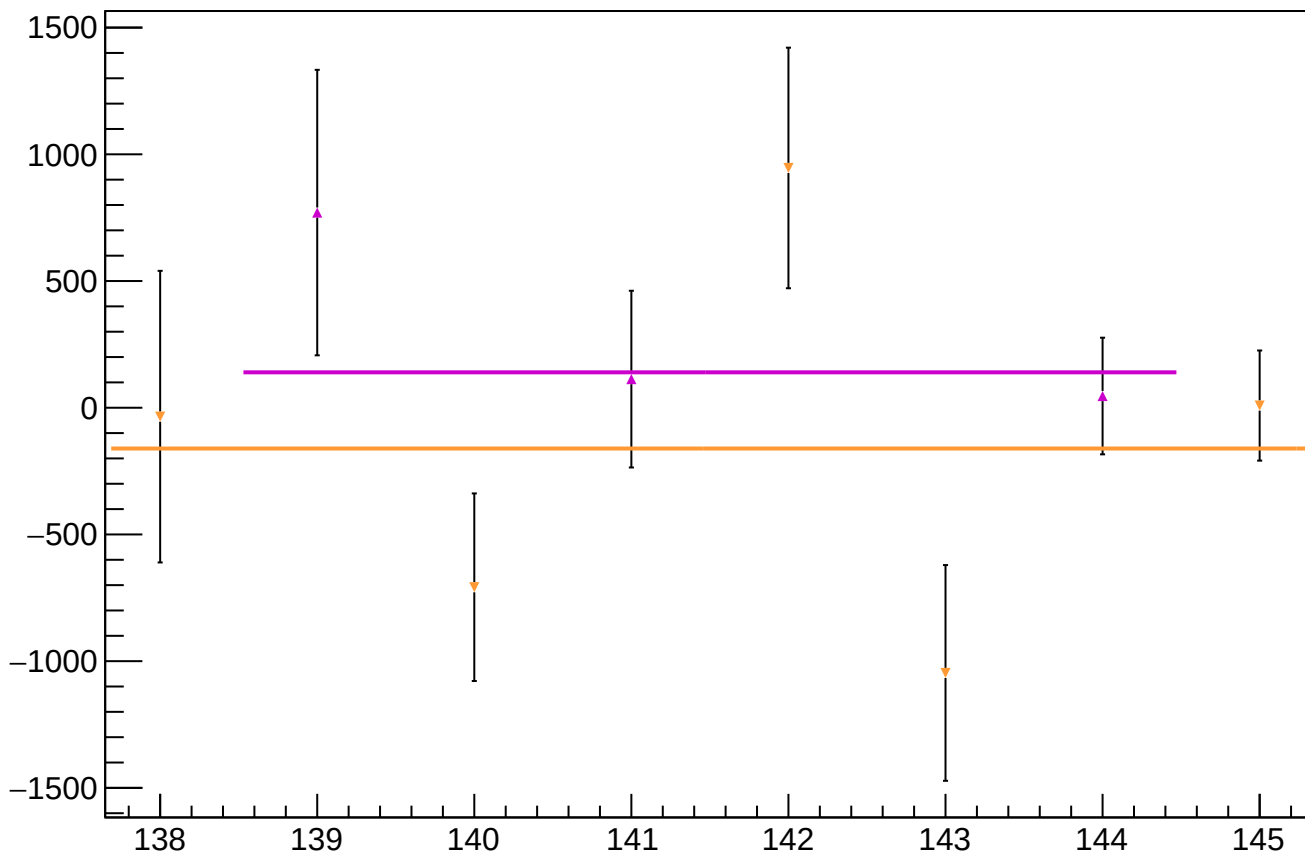
Left In: 67.774+/-0.032 χ^2/NDF : 169889.7/2

59.627+/-0.024 χ^2/NDF : 78101.3/4

62.519+/-0.019 χ^2/NDF : 290392.4/7

67.774+/-0.032 χ^2/NDF : 169889.7/2

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -160.919+/-155.312 χ^2/NDF : 12.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

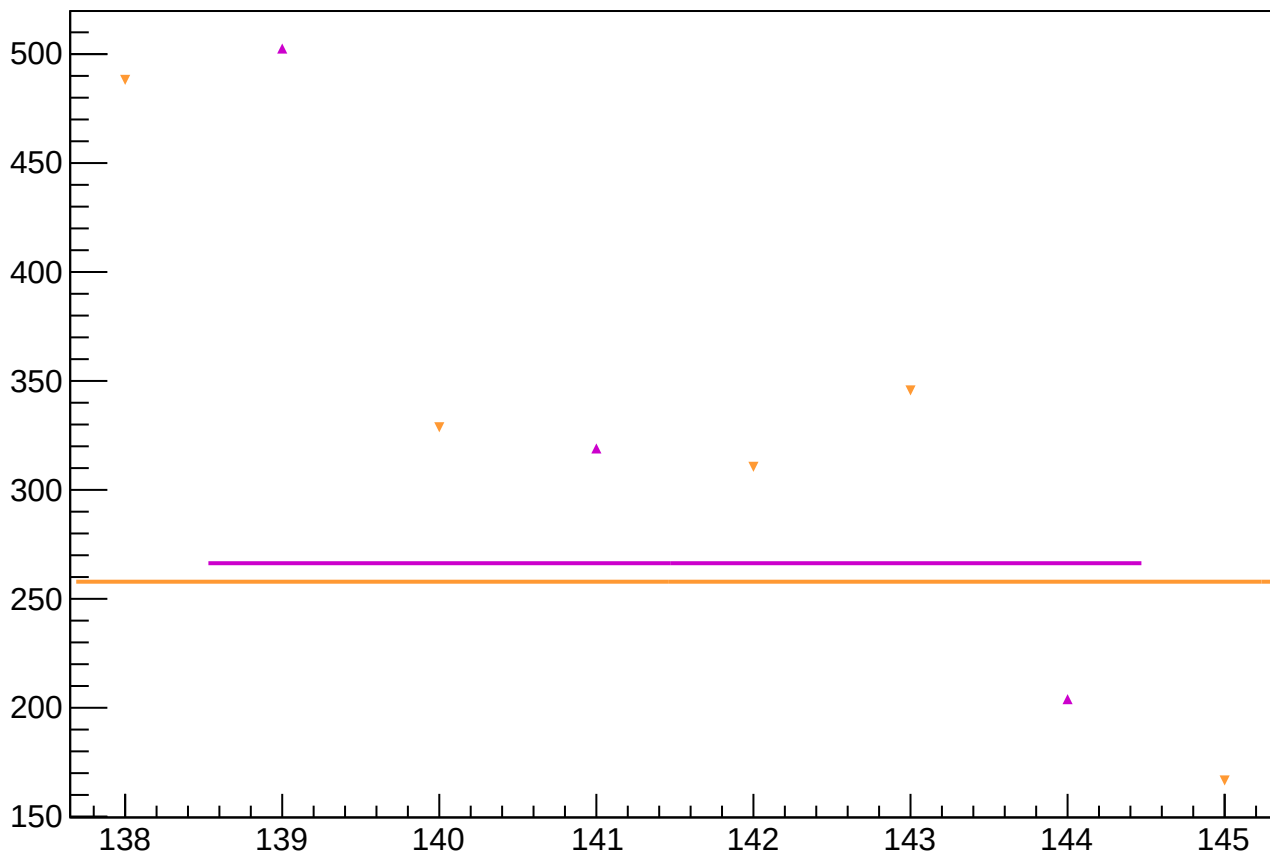
Left In: 139.766+/-181.797 χ^2/NDF : 1.4/2

-160.919+/-155.312 χ^2/NDF : 12.6/4

-34.055+/-118.086 χ^2/NDF : 15.6/7

139.766+/-181.797 χ^2/NDF : 1.4/2

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 257.862+/-0.110 χ^2/NDF : 856036.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

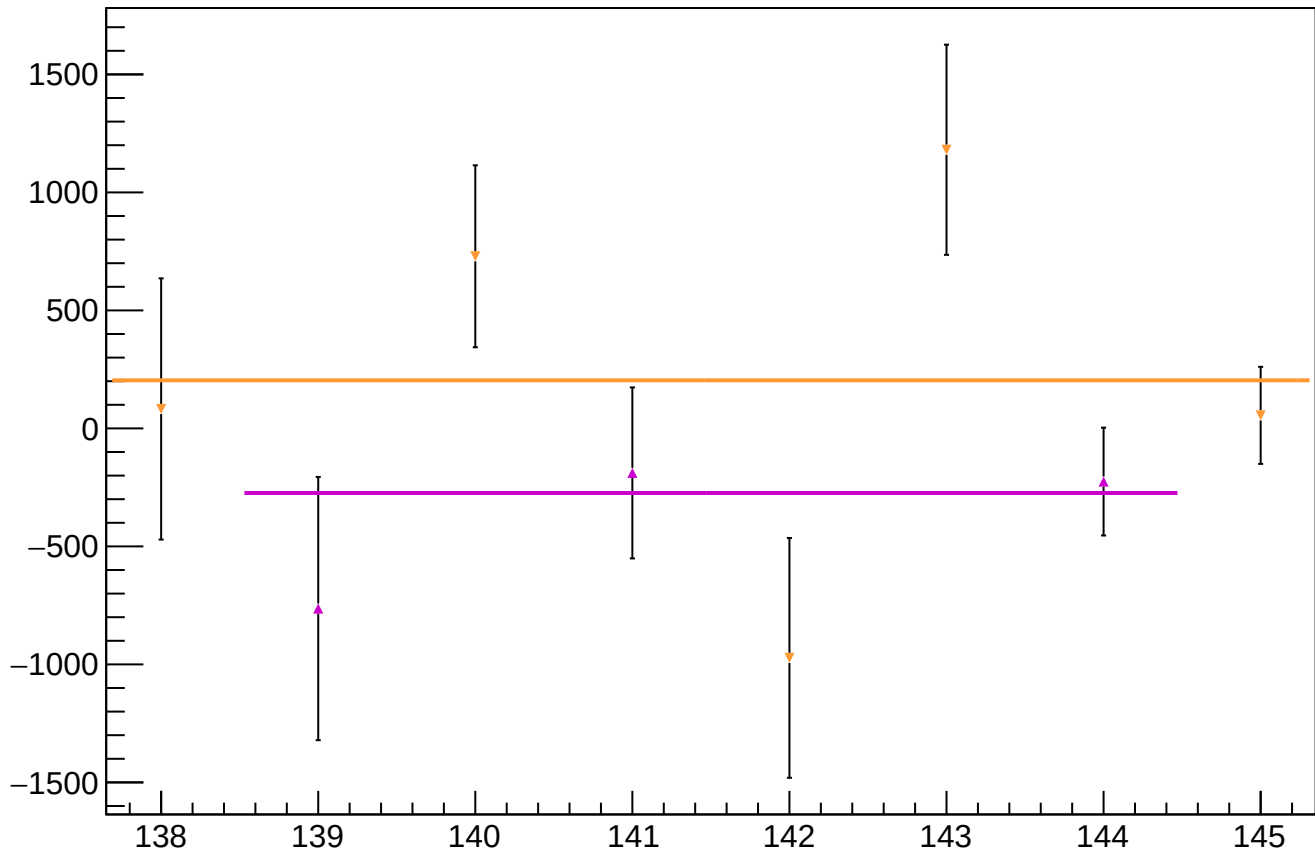
Left In: 266.346+/-0.129 χ^2/NDF : 544358.4/2

257.862+/-0.110 χ^2/NDF : 856036.0/4

261.442+/-0.083 χ^2/NDF : 1402912.3/7

266.346+/-0.129 χ^2/NDF : 544358.4/2

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 203.720+/-153.311 χ^2/NDF : 12.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

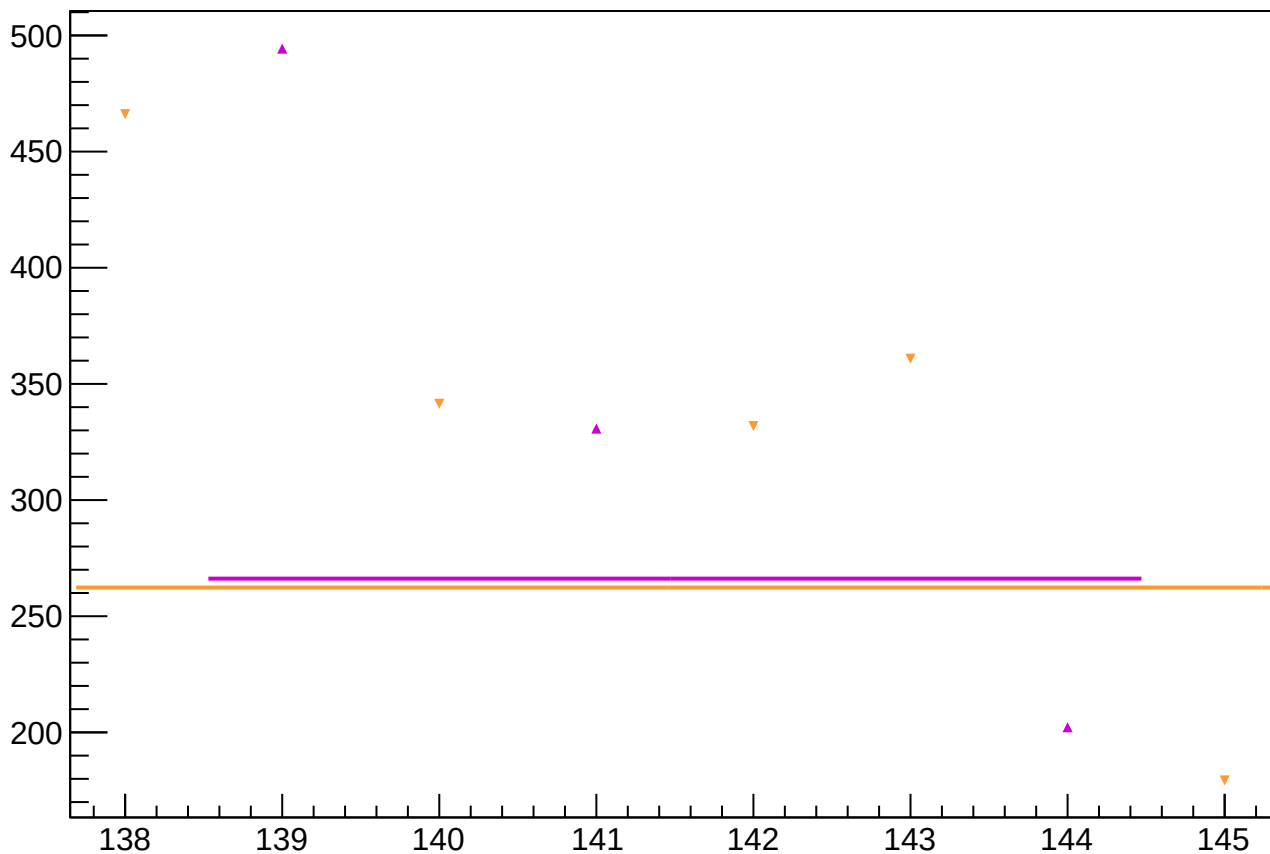
Left In: -273.684+/-182.607 χ^2/NDF : 0.9/2

203.720+/-153.311 χ^2/NDF : 12.6/4

6.339+/-117.416 χ^2/NDF : 17.5/7

-273.684+/-182.607 χ^2/NDF : 0.9/2

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 262.346+/-0.108 χ^2/NDF : 816474.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

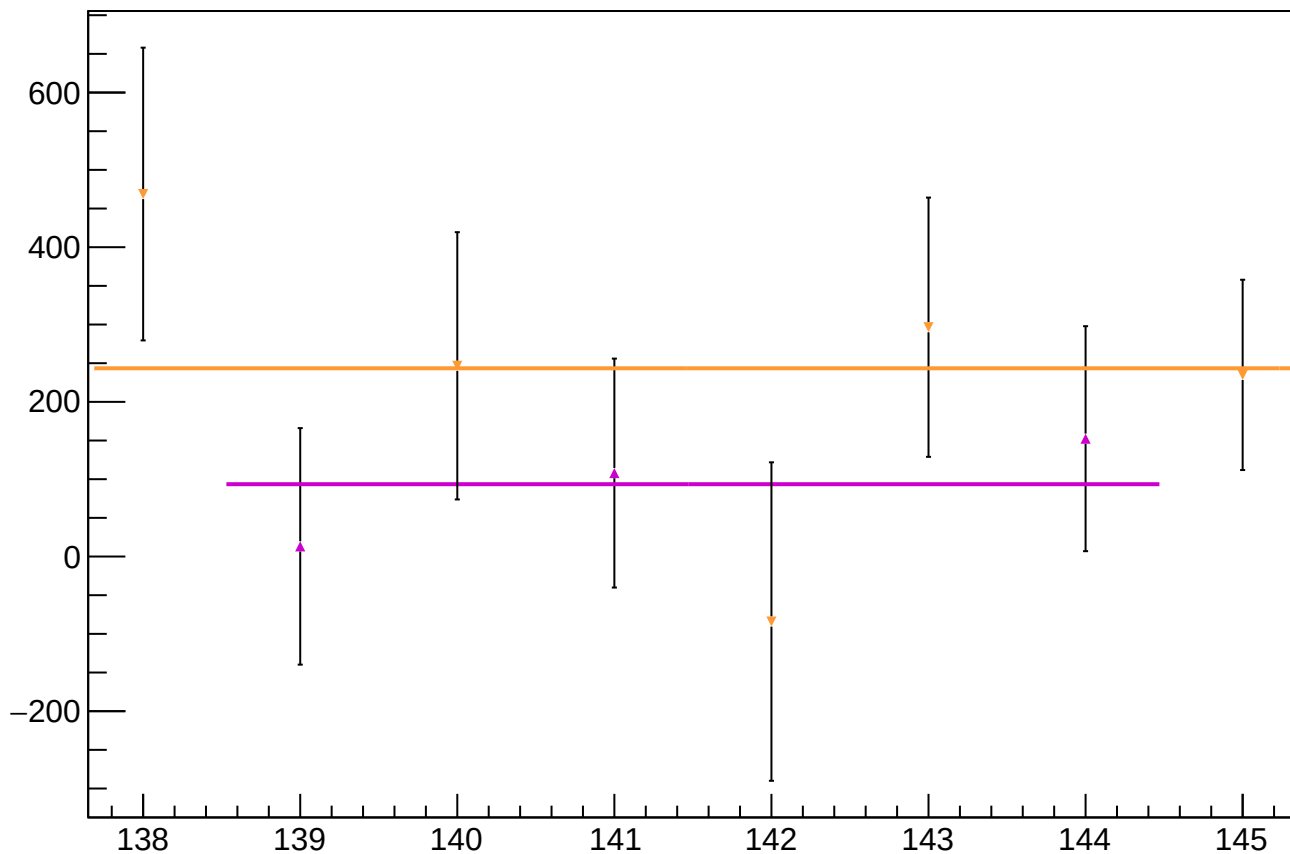
Left In: 266.184+/-0.129 χ^2/NDF : 554935.3/2

262.346+/-0.108 χ^2/NDF : 816474.9/4

263.933+/-0.083 χ^2/NDF : 1371928.5/7

266.184+/-0.129 χ^2/NDF : 554935.3/2

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 243.406 $\pm$ 73.200 χ^2/NDF : 4.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

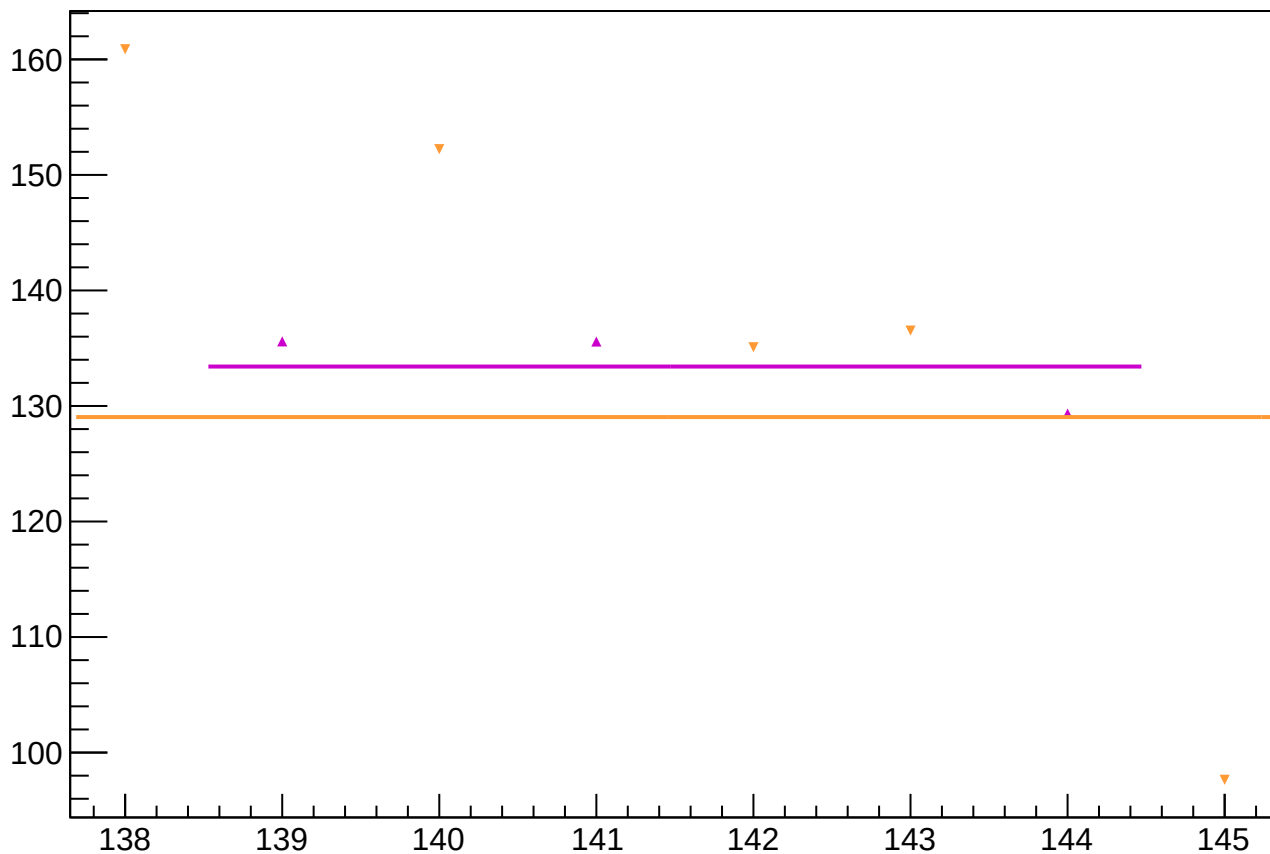
Left In: 93.530 $\pm$ 85.864 χ^2/NDF : 0.4/2

243.406 $\pm$ 73.200 χ^2/NDF : 4.1/4

180.325 $\pm$ 55.705 χ^2/NDF : 6.3/7

93.530 $\pm$ 85.864 χ^2/NDF : 0.4/2

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 129.040+/-0.052 χ^2/NDF : 228560.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

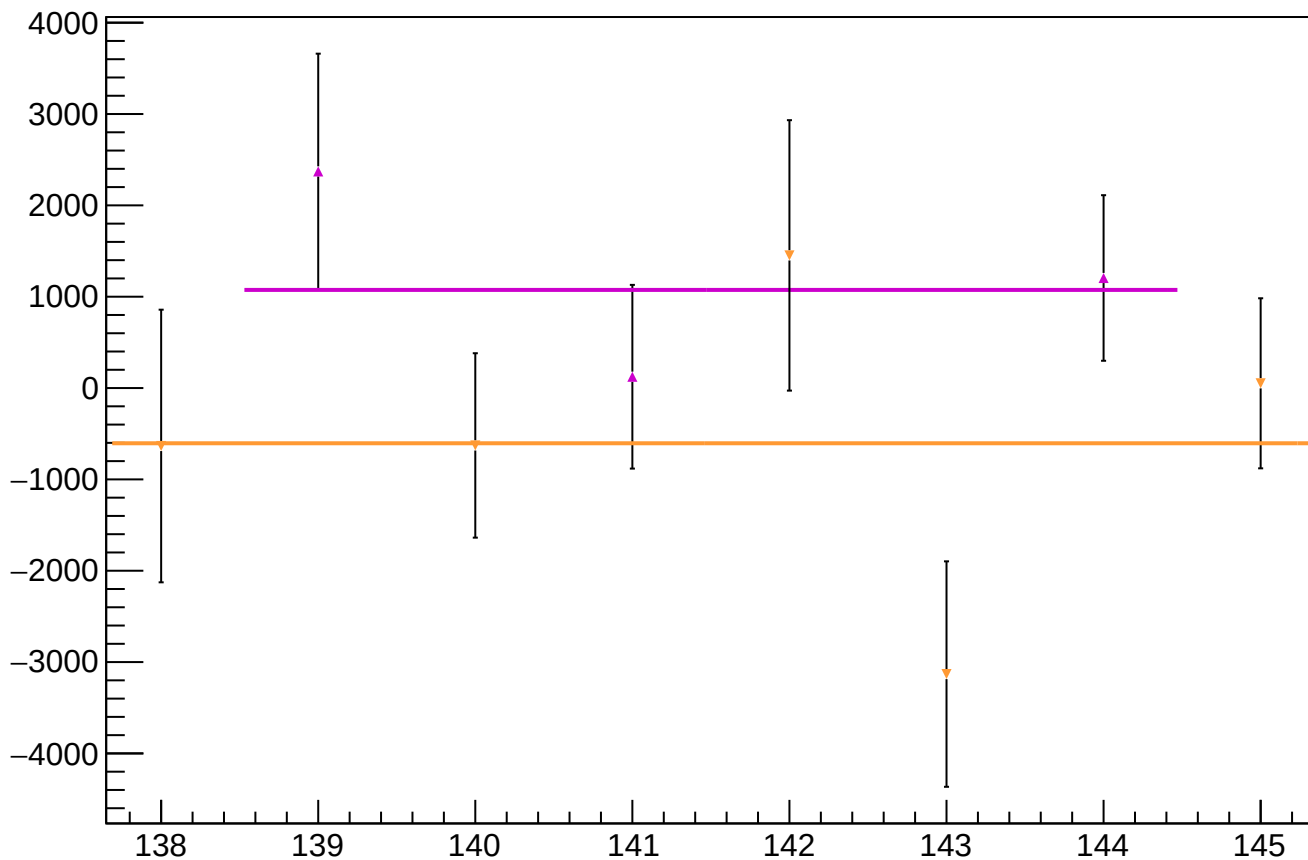
Left In: 133.413+/-0.061 χ^2/NDF : 2393.8/2

129.040+/-0.052 χ^2/NDF : 228560.5/4

130.881+/-0.039 χ^2/NDF : 233958.5/7

133.413+/-0.061 χ^2/NDF : 2393.8/2

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -604.507+/-520.075 χ^2/NDF : 6.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

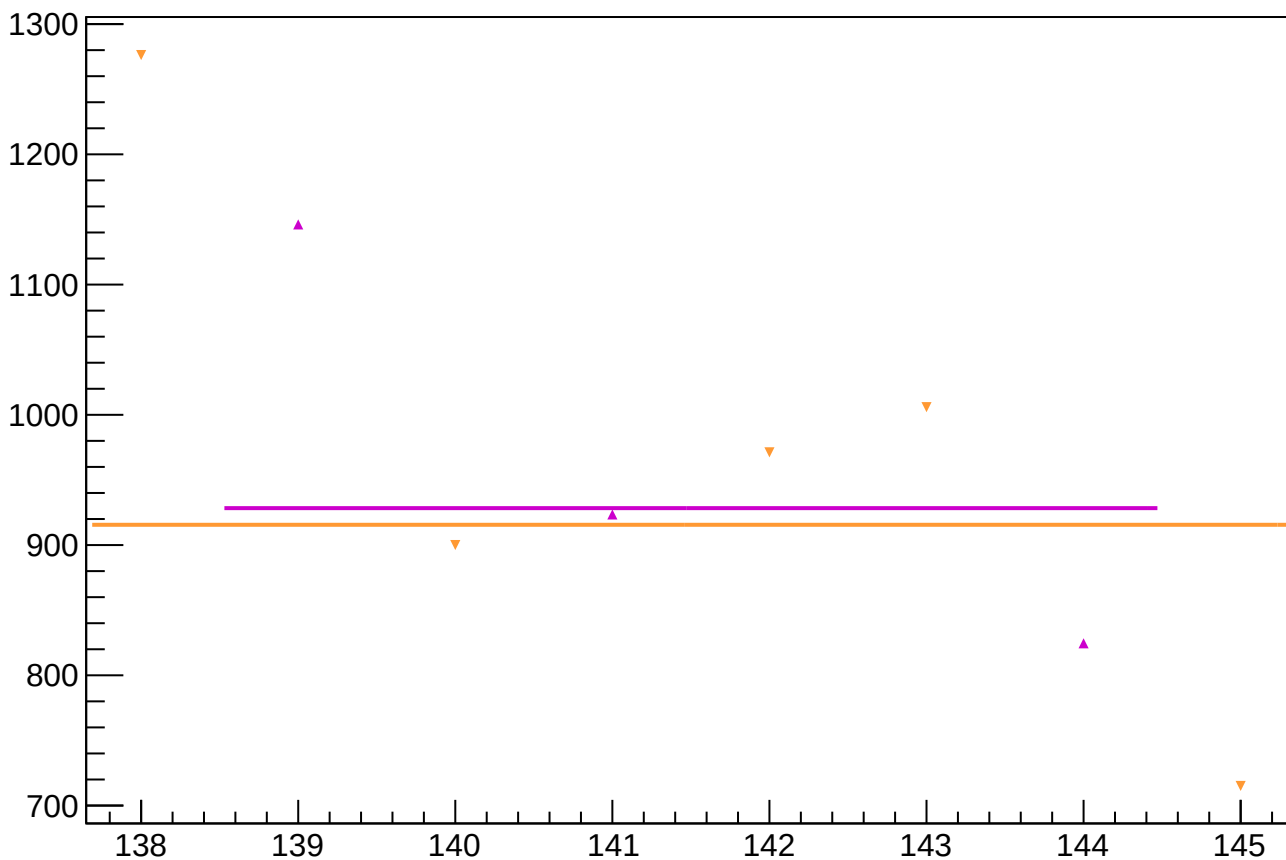
Left In: 1074.392+/-596.744 χ^2/NDF : 1.9/2

-604.507+/-520.075 χ^2/NDF : 6.6/4

120.228+/-392.072 χ^2/NDF : 13.0/7

1074.392+/-596.744 χ^2/NDF : 1.9/2

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 915.569 ± 0.368 $\chi^2/\text{NDF}: 223599.3/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

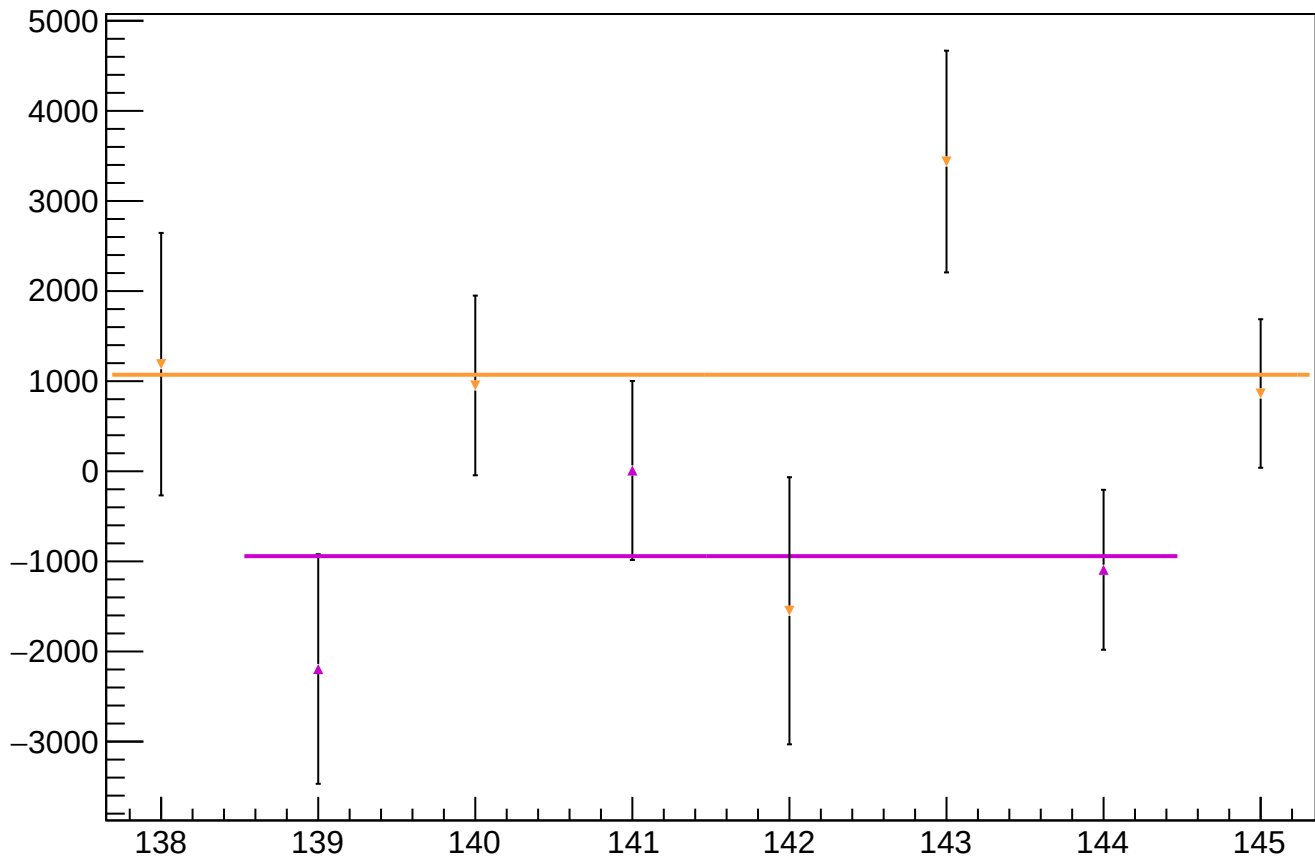
Left In: 928.353 ± 0.422 $\chi^2/\text{NDF}: 83403.3/2$

915.569 ± 0.368 $\chi^2/\text{NDF}: 223599.3/4$

921.088 ± 0.277 $\chi^2/\text{NDF}: 307524.3/7$

928.353 ± 0.422 $\chi^2/\text{NDF}: 83403.3/2$

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1071.420+/-496.048 χ^2/NDF : 6.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

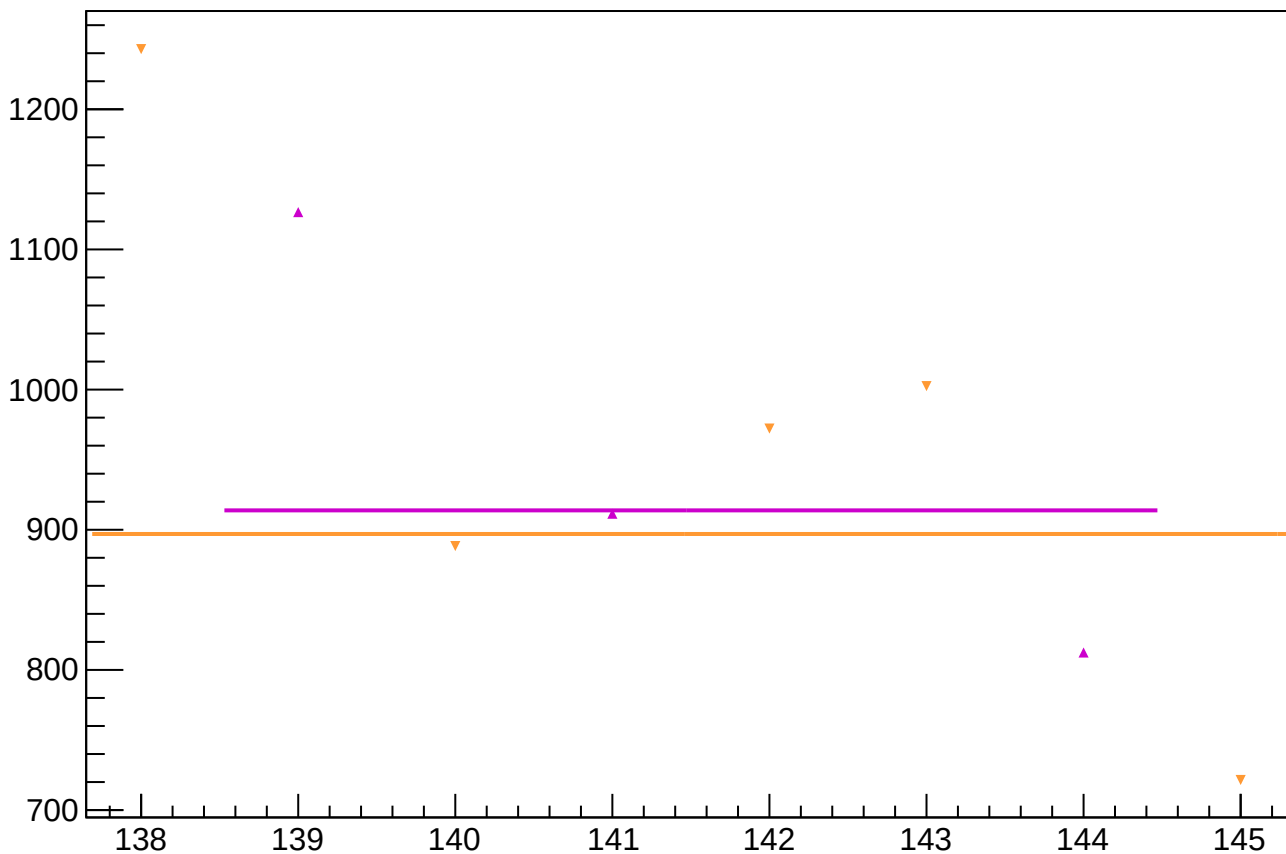
Left In: -941.951+/-587.260 χ^2/NDF : 1.9/2

1071.420+/-496.048 χ^2/NDF : 6.9/4

233.062+/-378.951 χ^2/NDF : 15.7/7

-941.951+/-587.260 χ^2/NDF : 1.9/2

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 896.986+/-0.351 χ^2/NDF : 223468.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

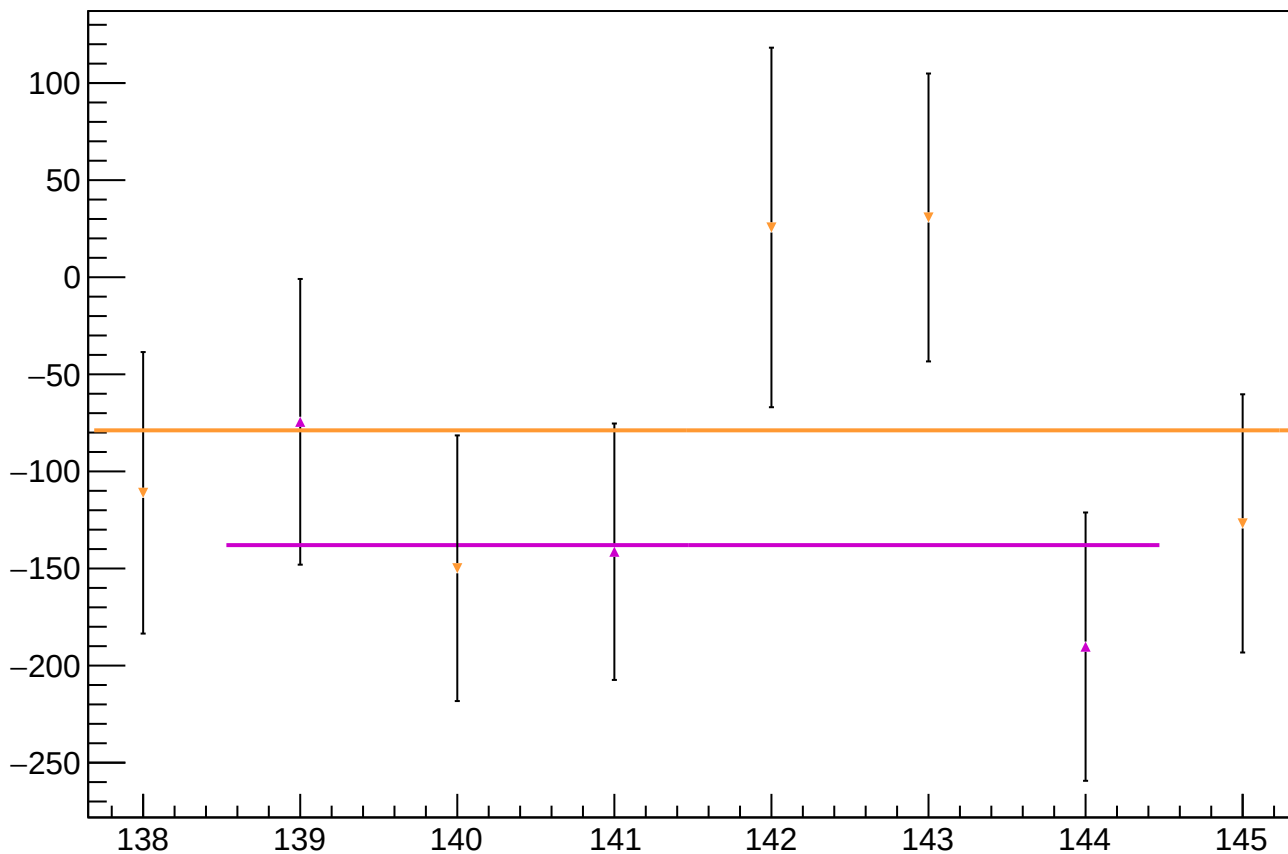
Left In: 913.832+/-0.415 χ^2/NDF : 81928.5/2

896.986+/-0.351 χ^2/NDF : 223468.3/4

904.001+/-0.268 χ^2/NDF : 306357.2/7

913.832+/-0.415 χ^2/NDF : 81928.5/2

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -78.852+/-32.812 χ^2/NDF : 5.3/4

-78.852+/-32.812 χ^2/NDF : 5.3/4

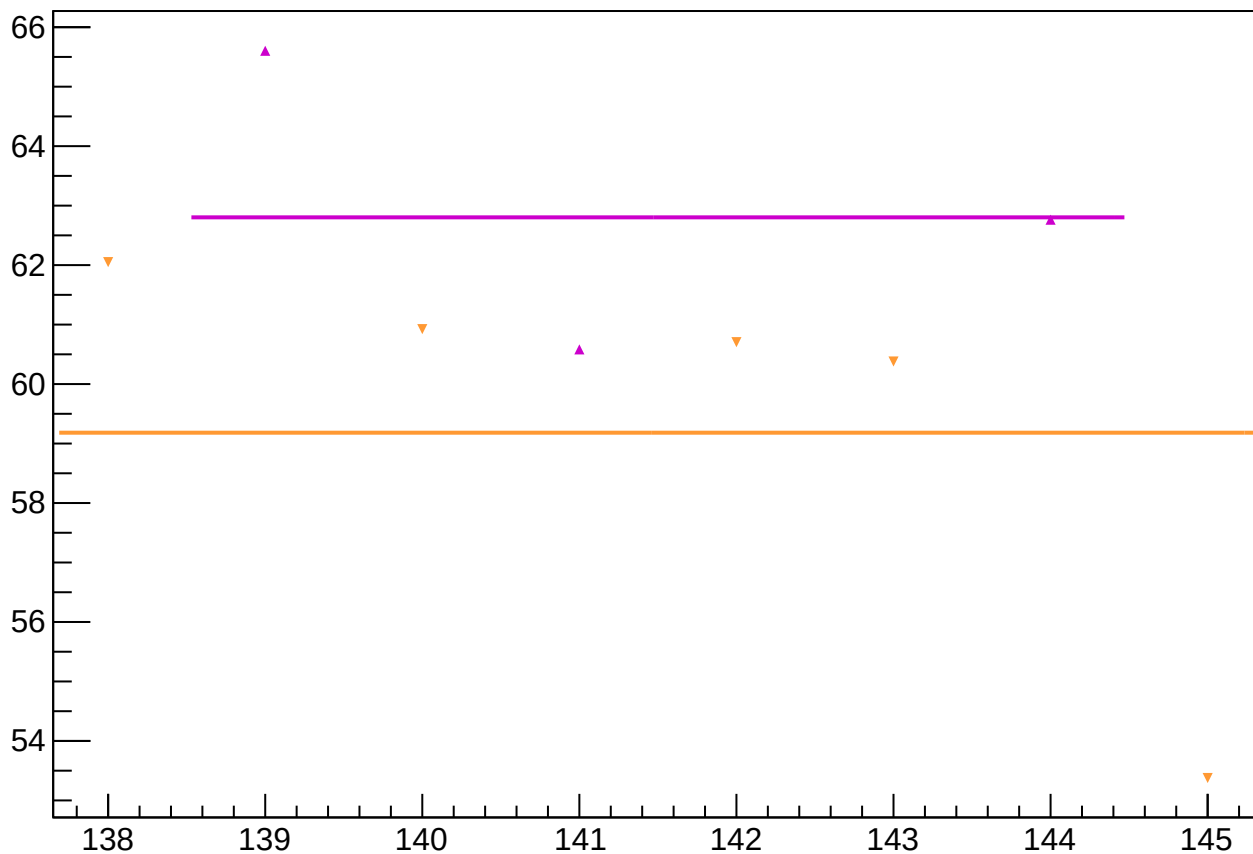
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-102.597+/-25.380 χ^2/NDF : 7.9/7

Left In: -137.961+/-40.044 χ^2/NDF : 1.3/2

-137.961+/-40.044 χ^2/NDF : 1.3/2

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 59.182 $\pm$ 0.023 χ^2 /NDF: 20734.6/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

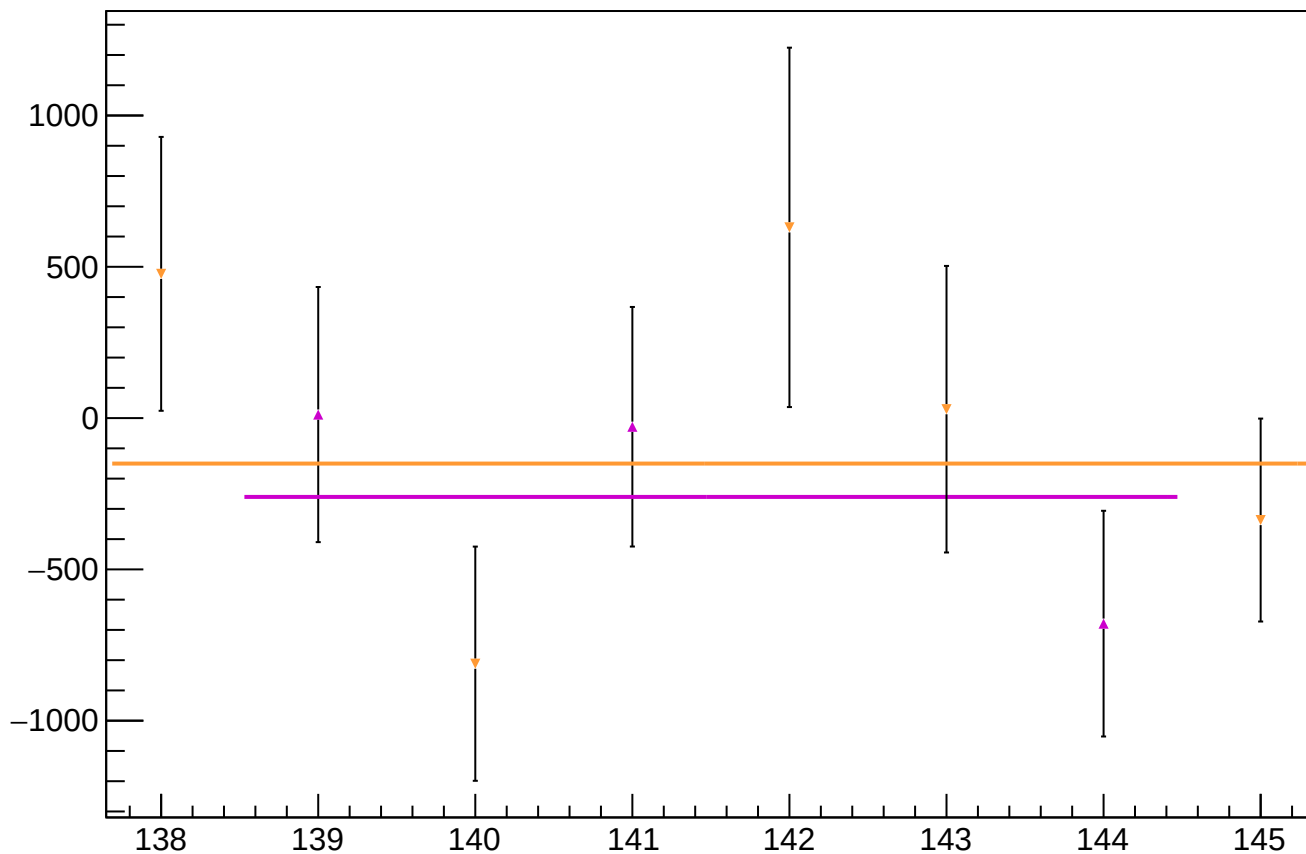
Left In: 62.803 $\pm$ 0.028 χ^2 /NDF: 5159.6/2

59.182 $\pm$ 0.023 χ^2 /NDF: 20734.6/4

60.637 $\pm$ 0.018 χ^2 /NDF: 35675.9/7

62.803 $\pm$ 0.028 χ^2 /NDF: 5159.6/2

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -150.286+/-189.833 χ^2/NDF : 7.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

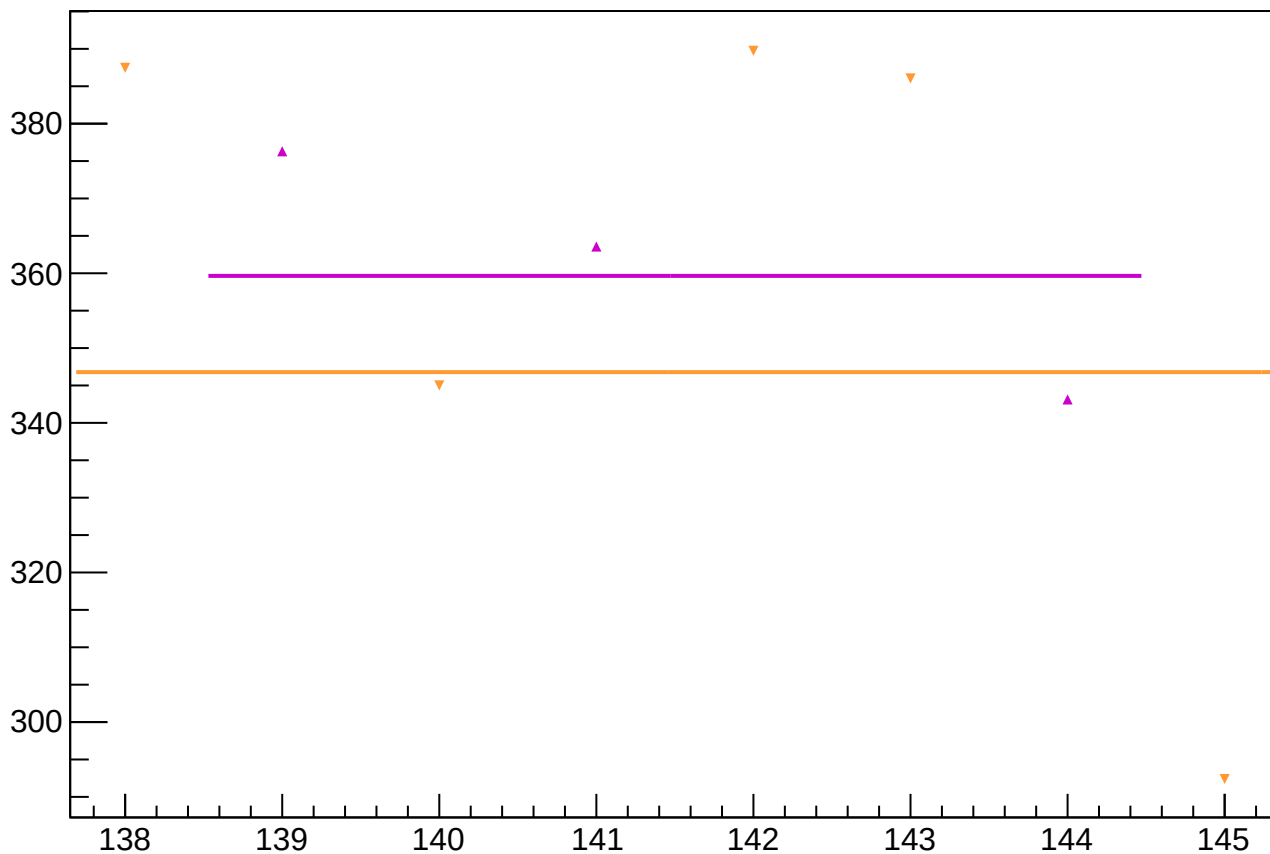
Left In: -260.472+/-228.237 χ^2/NDF : 2.0/2

-150.286+/-189.833 χ^2/NDF : 7.0/4

-195.342+/-145.948 χ^2/NDF : 9.2/7

-260.472+/-228.237 χ^2/NDF : 2.0/2

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 346.783+/-0.134 χ^2/NDF : 93055.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

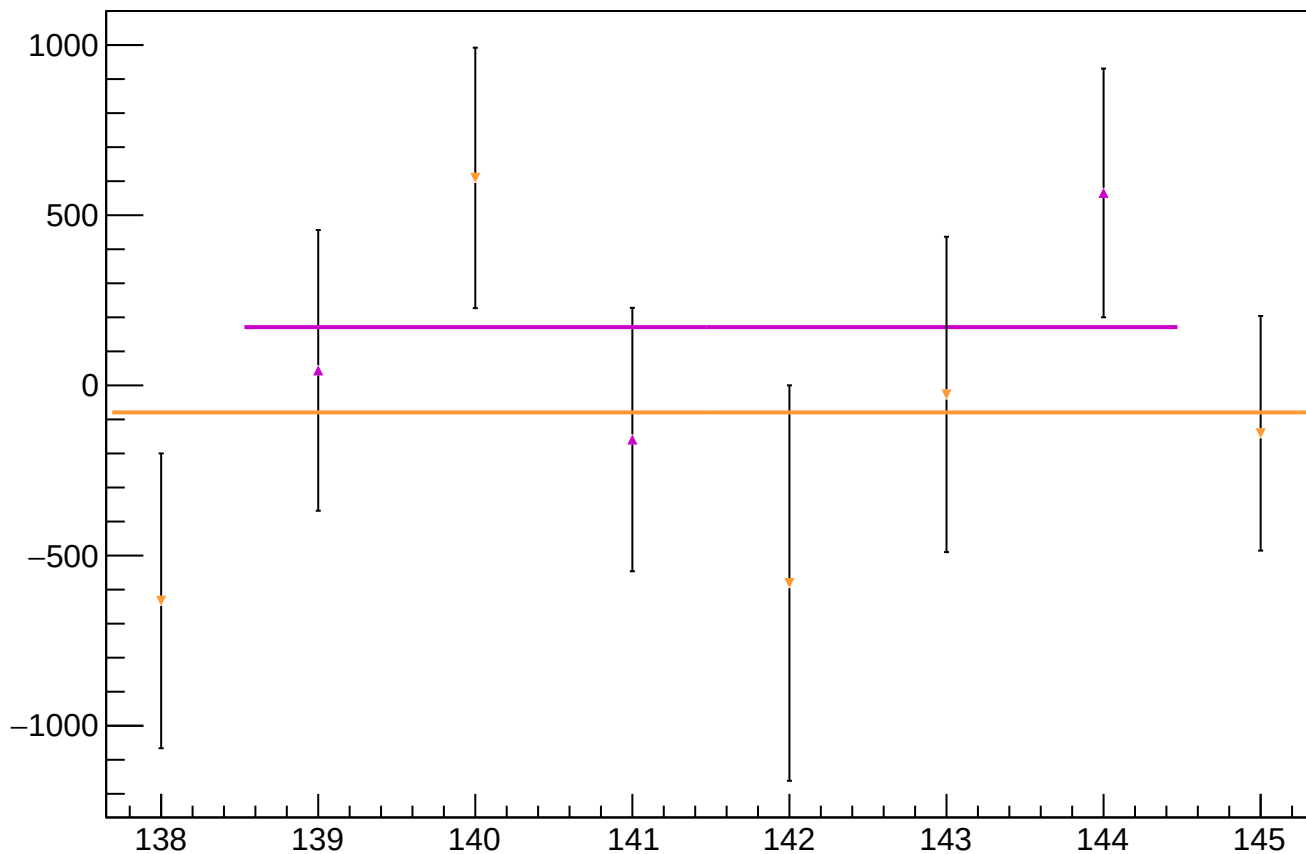
Left In: 359.650+/-0.161 χ^2/NDF : 7242.6/2

346.783+/-0.134 χ^2/NDF : 93055.9/4

352.045+/-0.103 χ^2/NDF : 104055.6/7

359.650+/-0.161 χ^2/NDF : 7242.6/2

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -79.393+/-188.319 χ^2/NDF : 5.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

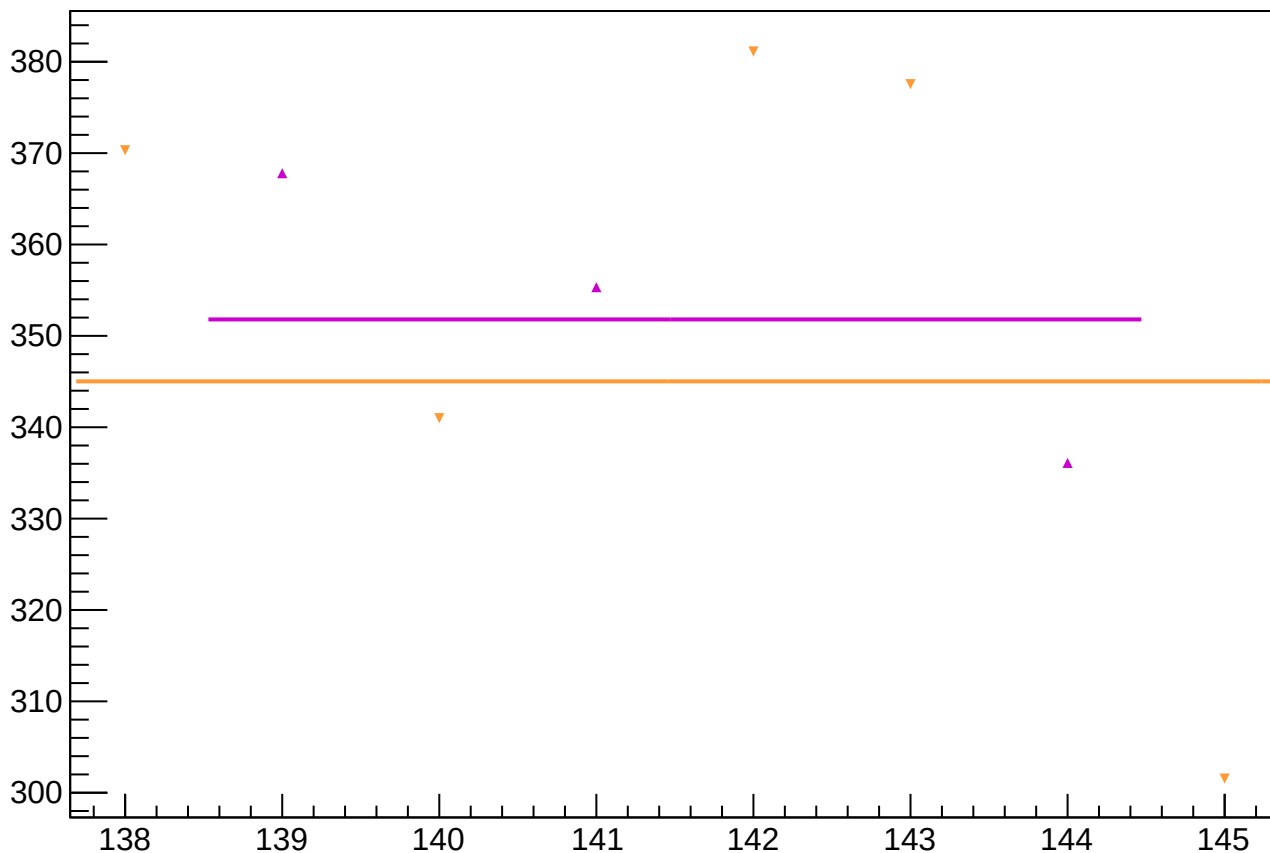
Left In: 171.287+/-223.357 χ^2/NDF : 2.0/2

-79.393+/-188.319 χ^2/NDF : 5.7/4

24.765+/-143.974 χ^2/NDF : 8.4/7

171.287+/-223.357 χ^2/NDF : 2.0/2

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 345.021+/-0.133 χ^2/NDF : 56437.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

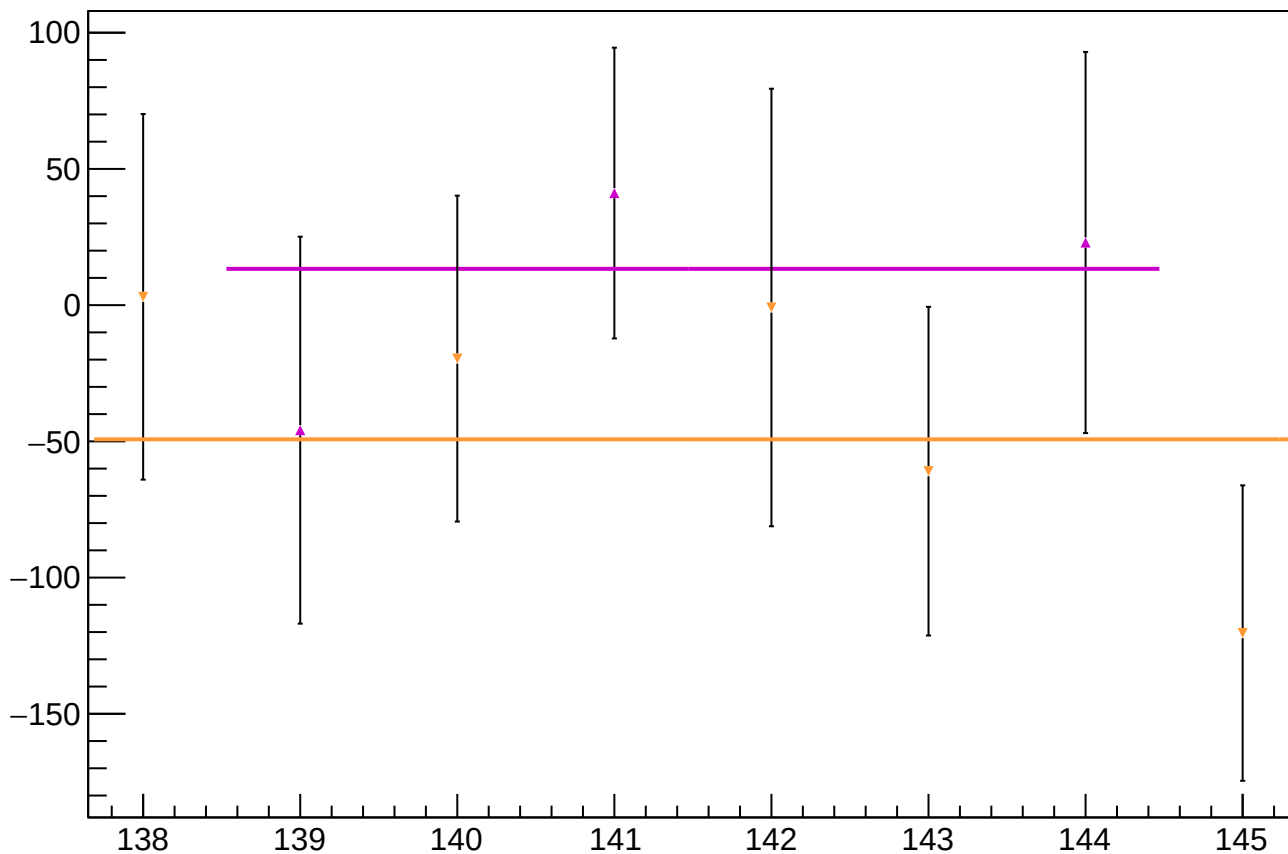
Left In: 351.799+/-0.158 χ^2/NDF : 6871.5/2

345.021+/-0.133 χ^2/NDF : 56437.1/4

347.838+/-0.102 χ^2/NDF : 64385.1/7

351.799+/-0.158 χ^2/NDF : 6871.5/2

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -49.252 $\pm$ 28.042 χ^2 /NDF: 3.0/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

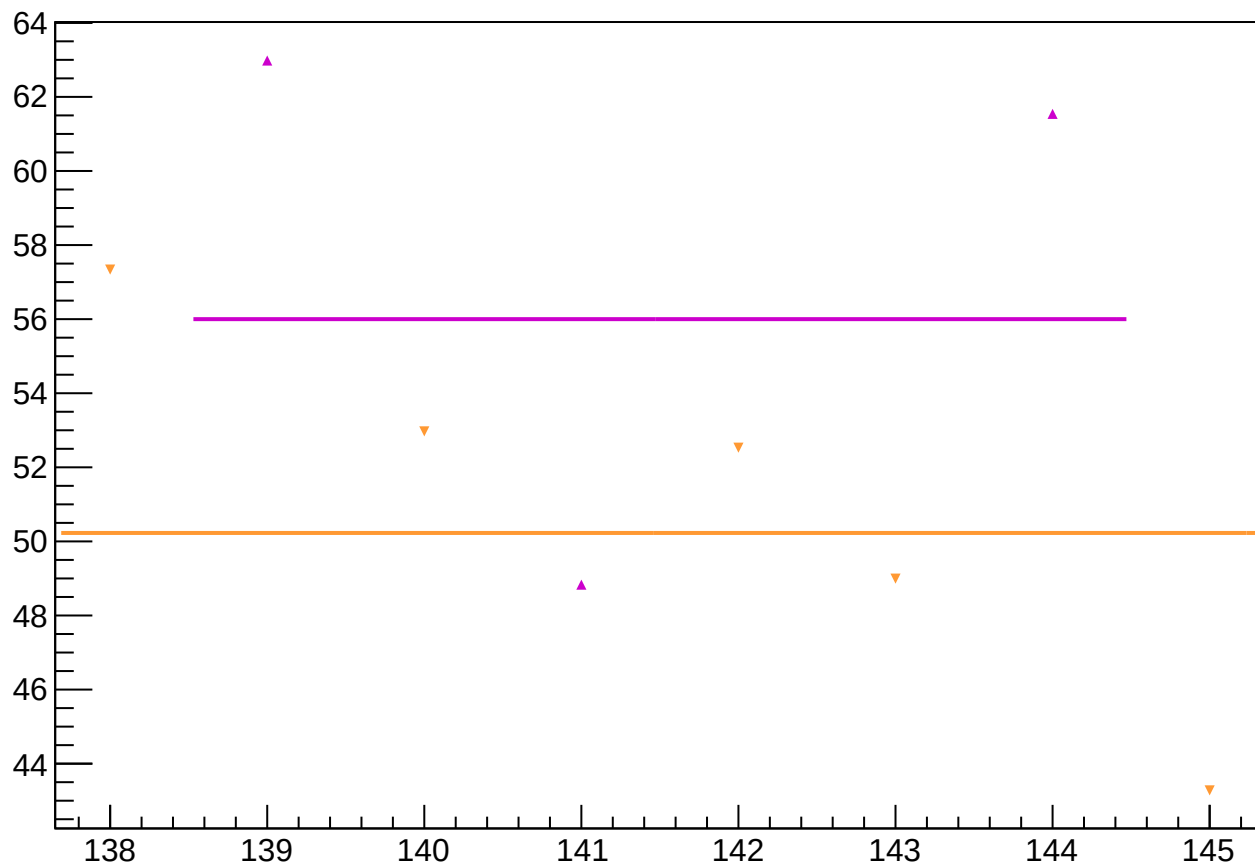
Left In: 13.323 $\pm$ 36.423 χ^2 /NDF: 1.0/2

-49.252 $\pm$ 28.042 χ^2 /NDF: 3.0/4

-25.965 $\pm$ 22.220 χ^2 /NDF: 5.8/7

13.323 $\pm$ 36.423 χ^2 /NDF: 1.0/2

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 50.228+/-0.020 χ^2/NDF : 61997.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

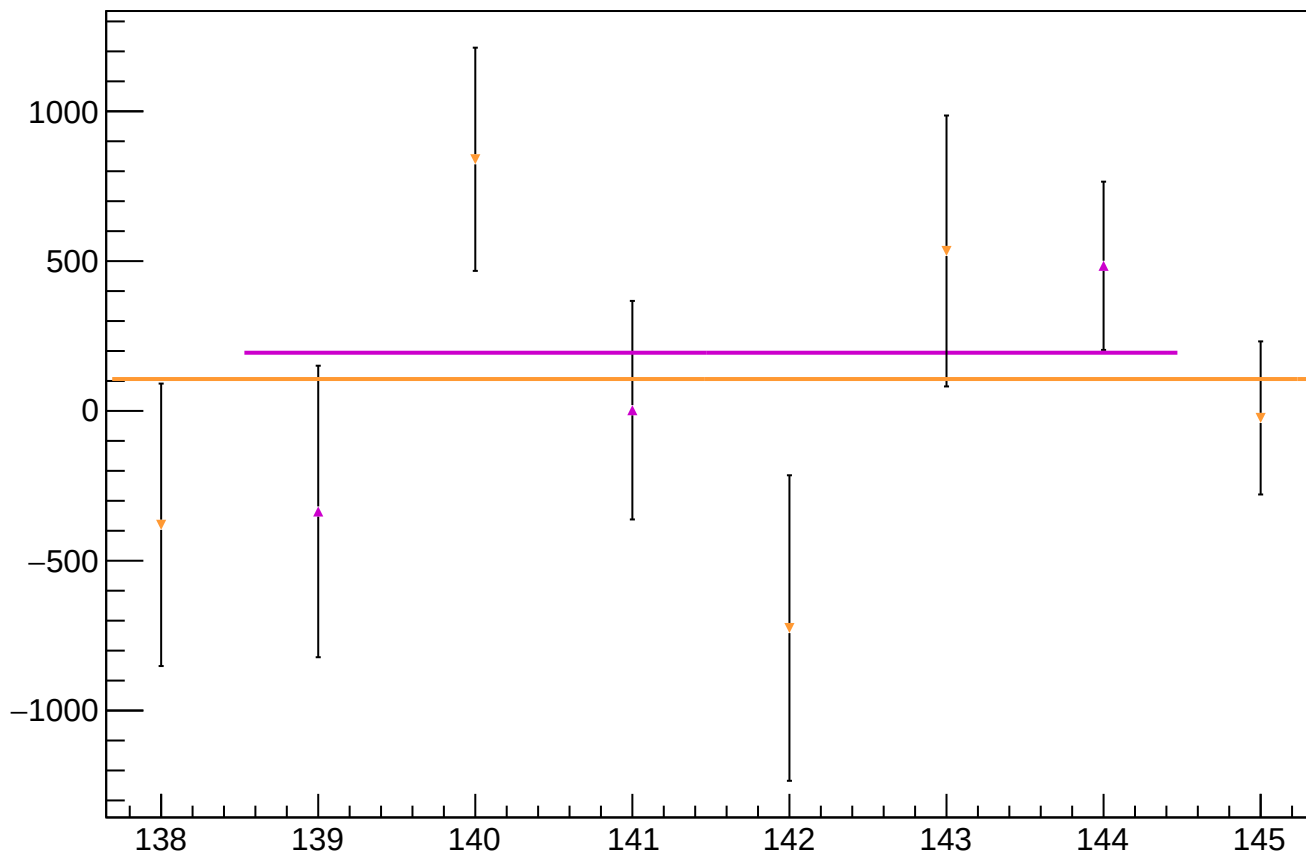
Left In: 56.000+/-0.026 χ^2/NDF : 67961.2/2

50.228+/-0.020 χ^2/NDF : 61997.0/4

52.376+/-0.016 χ^2/NDF : 161491.1/7

56.000+/-0.026 χ^2/NDF : 67961.2/2

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 106.460+/-167.207 χ^2/NDF : 8.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

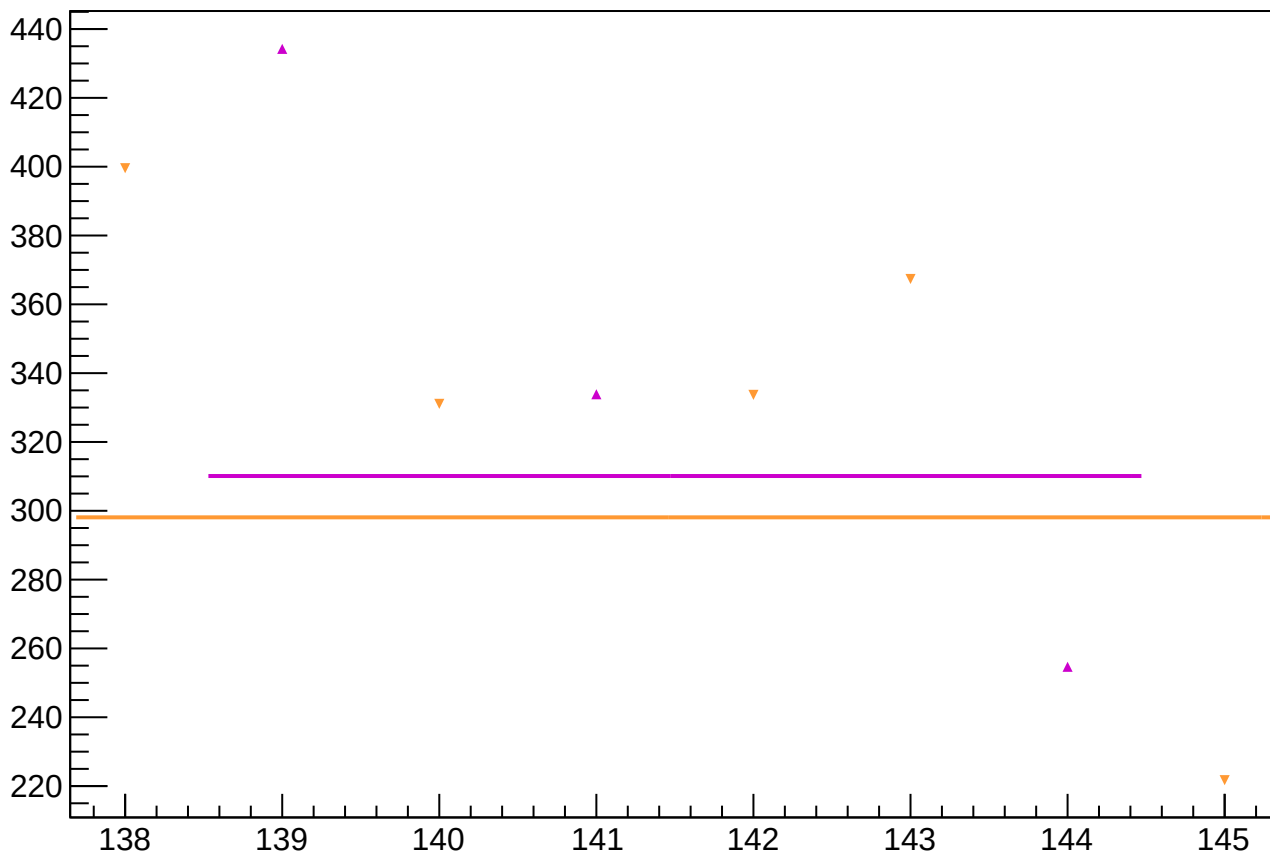
Left In: 194.223+/-202.324 χ^2/NDF : 2.5/2

106.460+/-167.207 χ^2/NDF : 8.8/4

142.076+/-128.888 χ^2/NDF : 11.4/7

194.223+/-202.324 χ^2/NDF : 2.5/2

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 298.095+/-0.118 χ^2/NDF : 343810.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

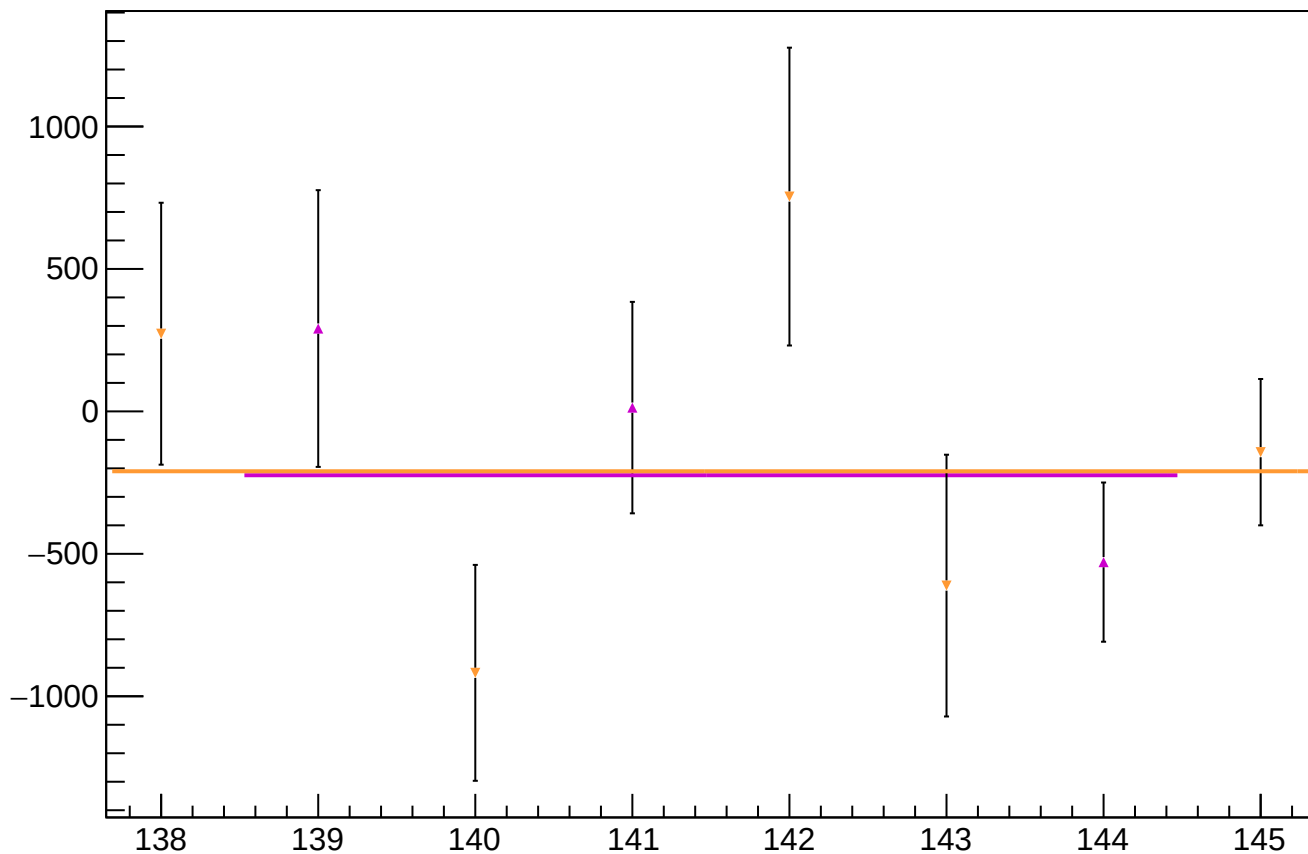
Left In: 310.108+/-0.143 χ^2/NDF : 216685.0/2

298.095+/-0.118 χ^2/NDF : 343810.9/4

302.970+/-0.091 χ^2/NDF : 564685.6/7

310.108+/-0.143 χ^2/NDF : 216685.0/2

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -210.173+/-168.432 χ^2/NDF : 8.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

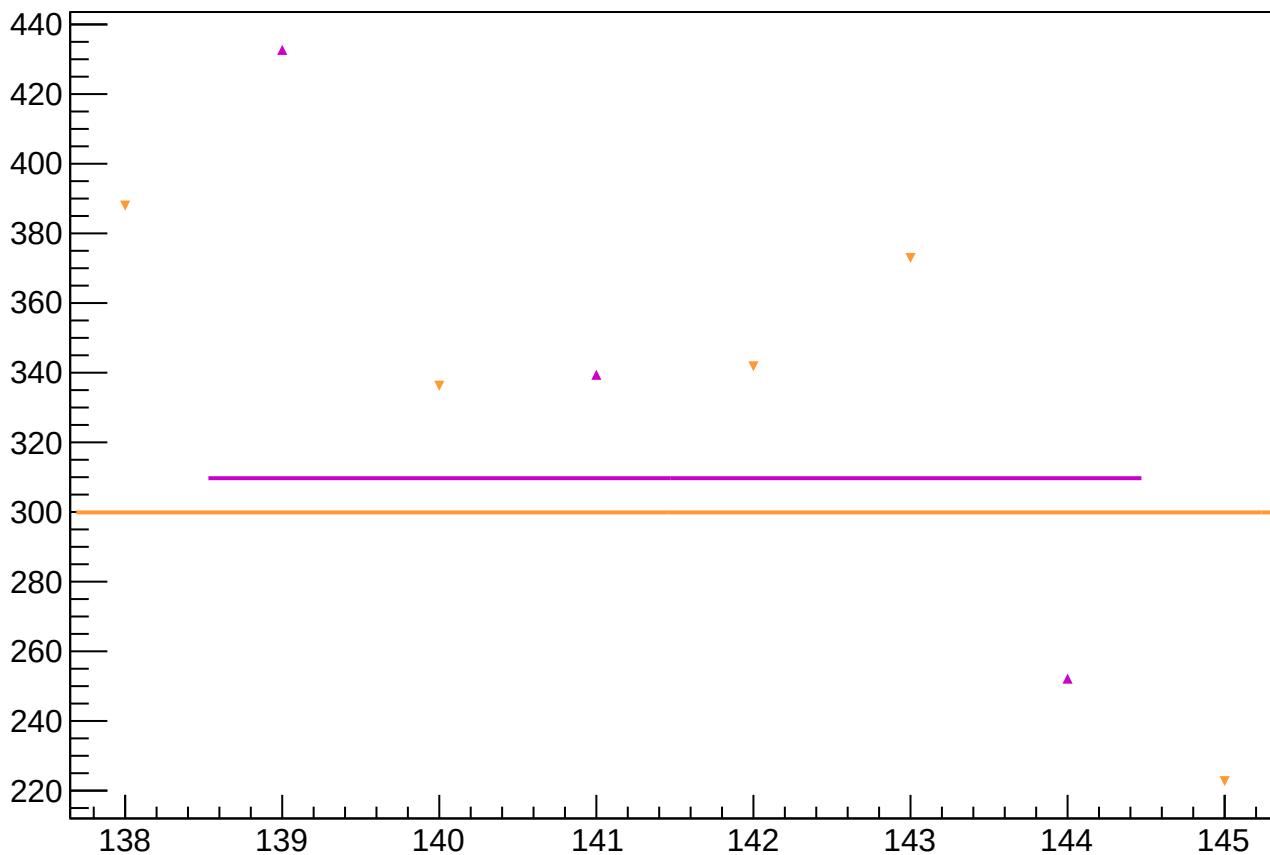
Left In: -224.120+/-202.830 χ^2/NDF : 2.7/2

-210.173+/-168.432 χ^2/NDF : 8.8/4

-215.865+/-129.579 χ^2/NDF : 11.6/7

-224.120+/-202.830 χ^2/NDF : 2.7/2

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 299.888+/-0.119 χ^2/NDF : 335796.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

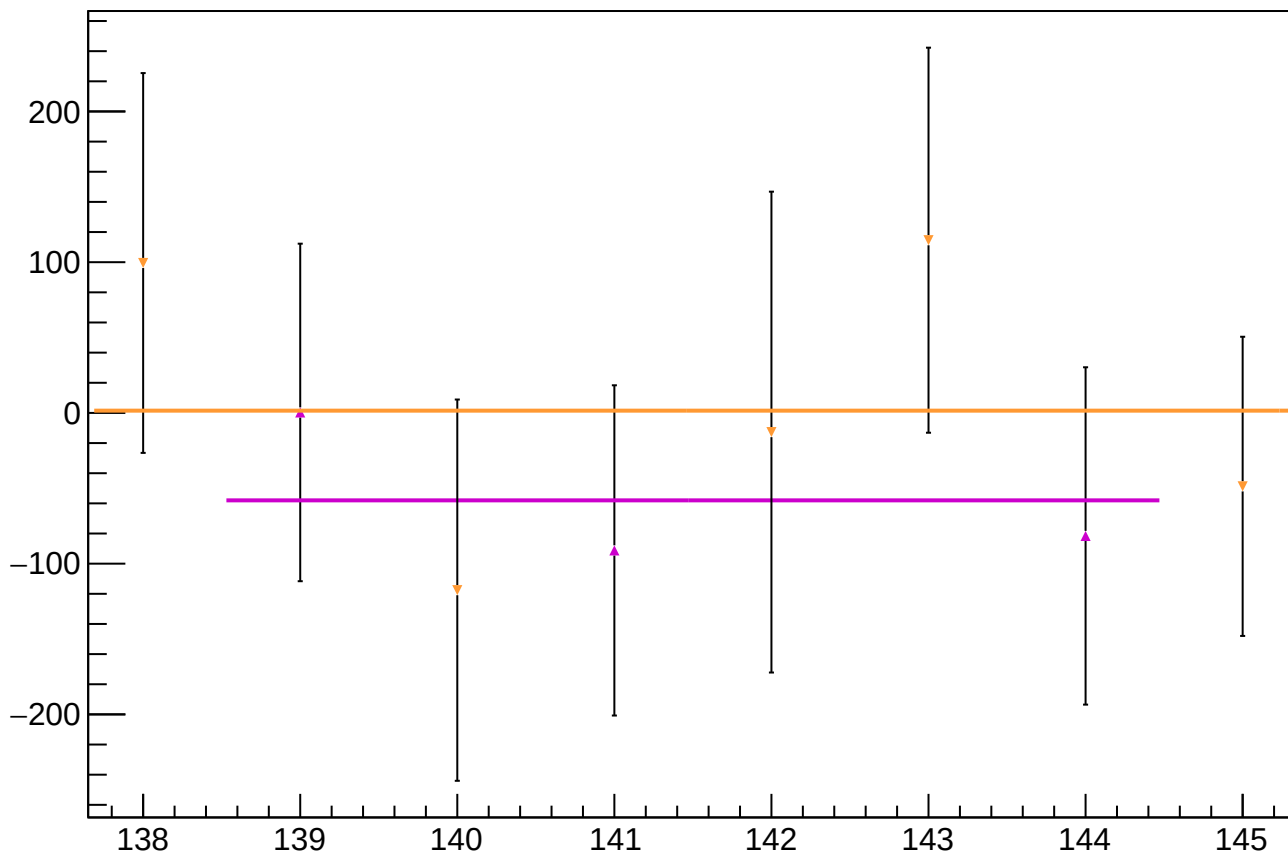
Left In: 309.705+/-0.143 χ^2/NDF : 225882.0/2

299.888+/-0.119 χ^2/NDF : 335796.6/4

303.894+/-0.092 χ^2/NDF : 564451.8/7

309.705+/-0.143 χ^2/NDF : 225882.0/2

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.510+/-55.245 χ^2/NDF : 2.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

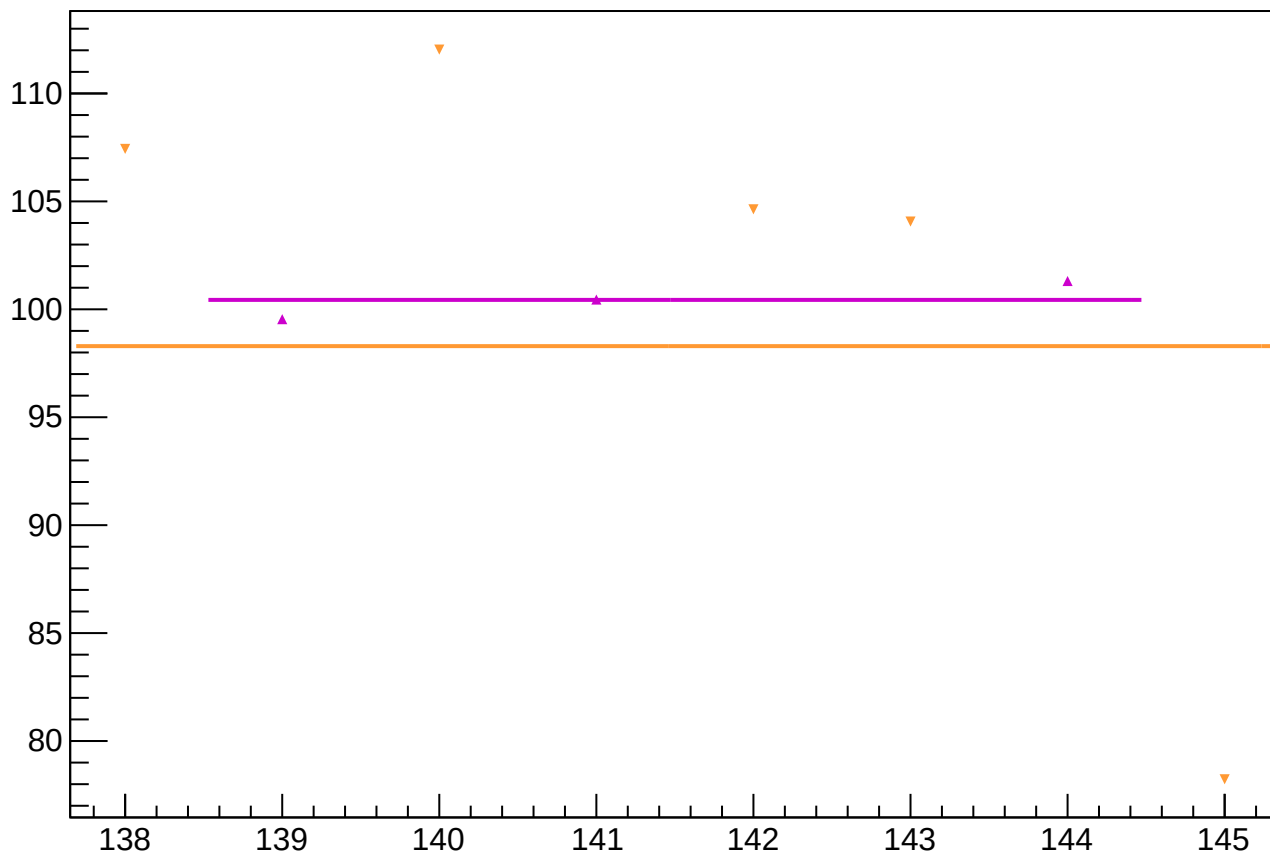
Left In: -58.003+/-64.155 χ^2/NDF : 0.4/2

1.510+/-55.245 χ^2/NDF : 2.5/4

-23.830+/-41.863 χ^2/NDF : 3.4/7

-58.003+/-64.155 χ^2/NDF : 0.4/2

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 98.294 ± 0.039 $\chi^2/\text{NDF}: 123133.9/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

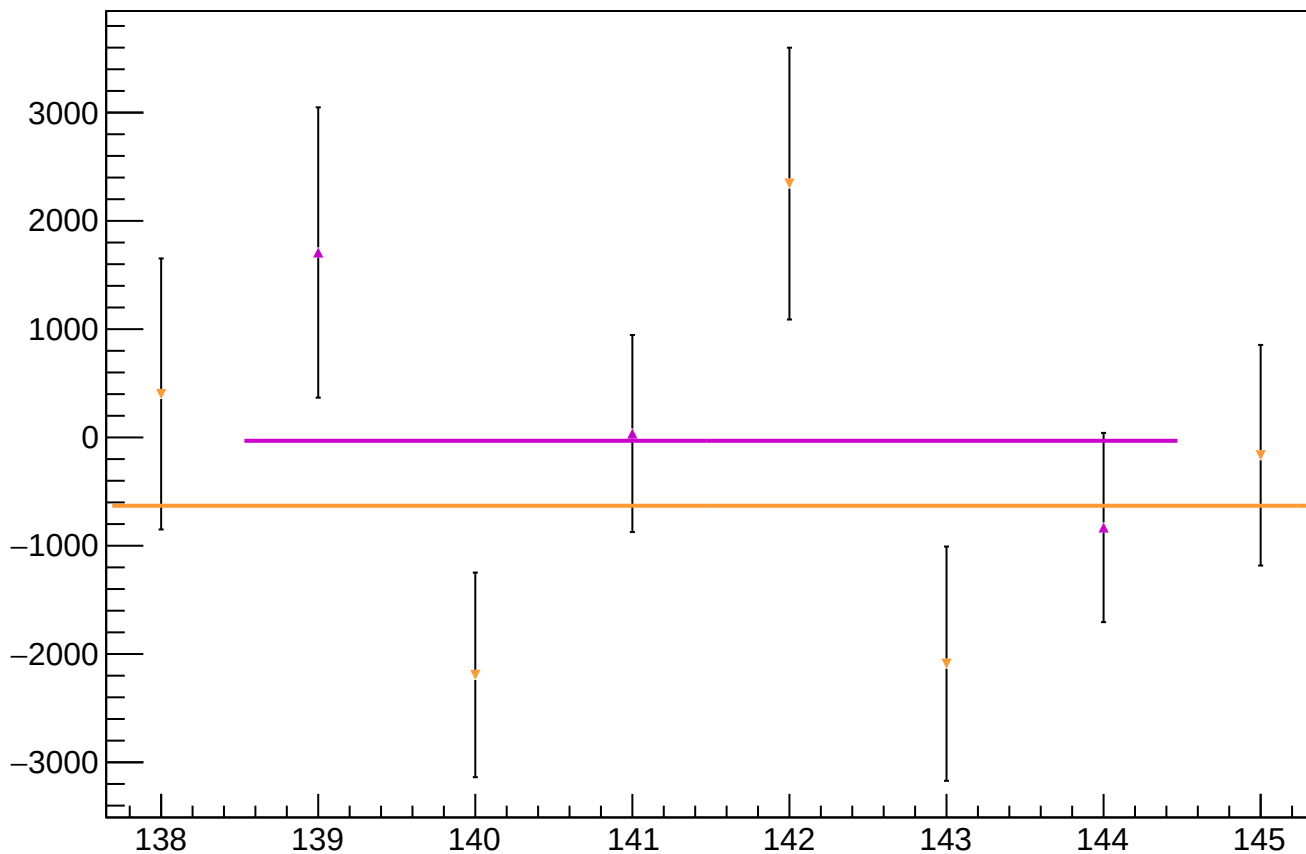
Left In: 100.436 ± 0.045 $\chi^2/\text{NDF}: 249.4/2$

98.294 ± 0.039 $\chi^2/\text{NDF}: 123133.9/4$

99.206 ± 0.030 $\chi^2/\text{NDF}: 124664.0/7$

100.436 ± 0.045 $\chi^2/\text{NDF}: 249.4/2$

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -630.597+/-487.268 χ^2/NDF : 11.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

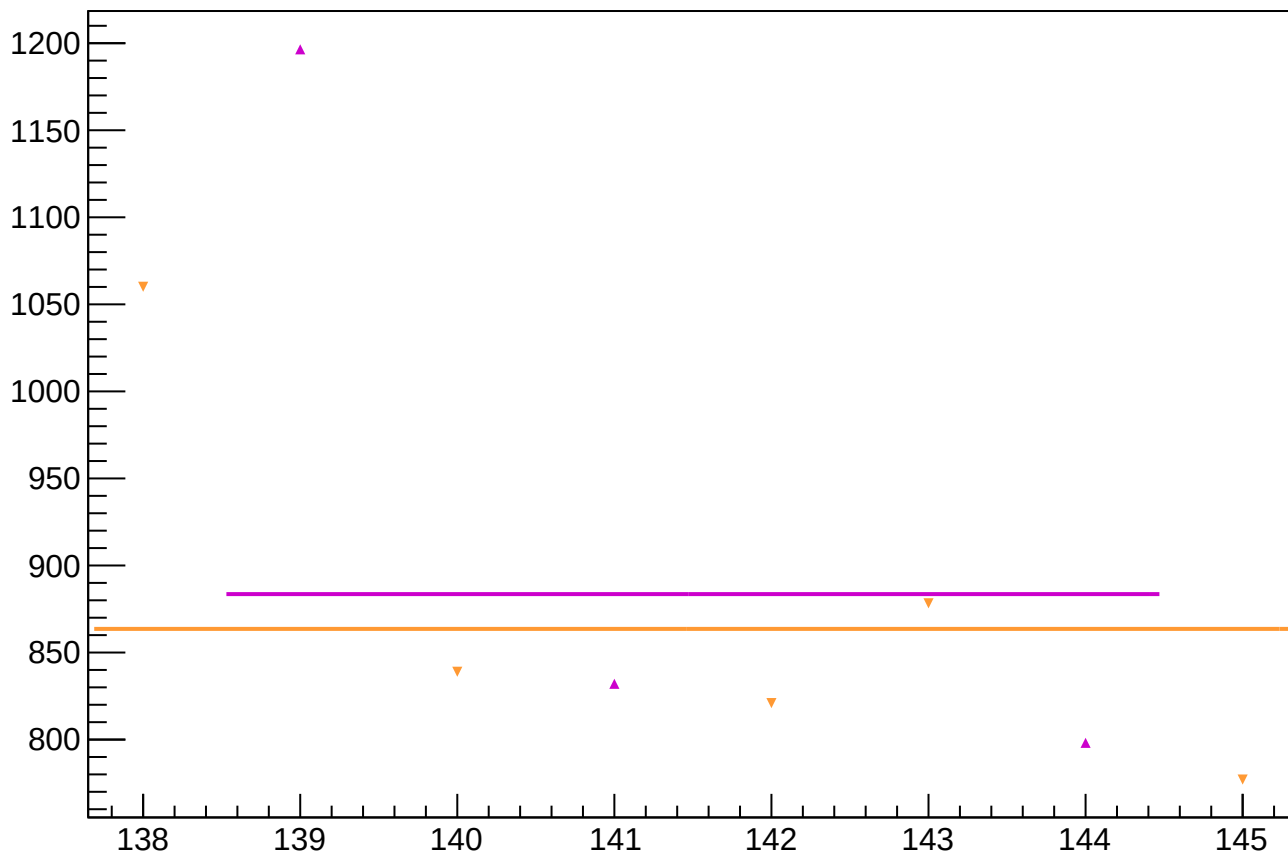
Left In: -30.916+/-570.321 χ^2/NDF : 2.5/2

-630.597+/-487.268 χ^2/NDF : 11.1/4

-377.561+/-370.468 χ^2/NDF : 14.2/7

-30.916+/-570.321 χ^2/NDF : 2.5/2

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 863.582+/-0.345 χ^2/NDF : 67786.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

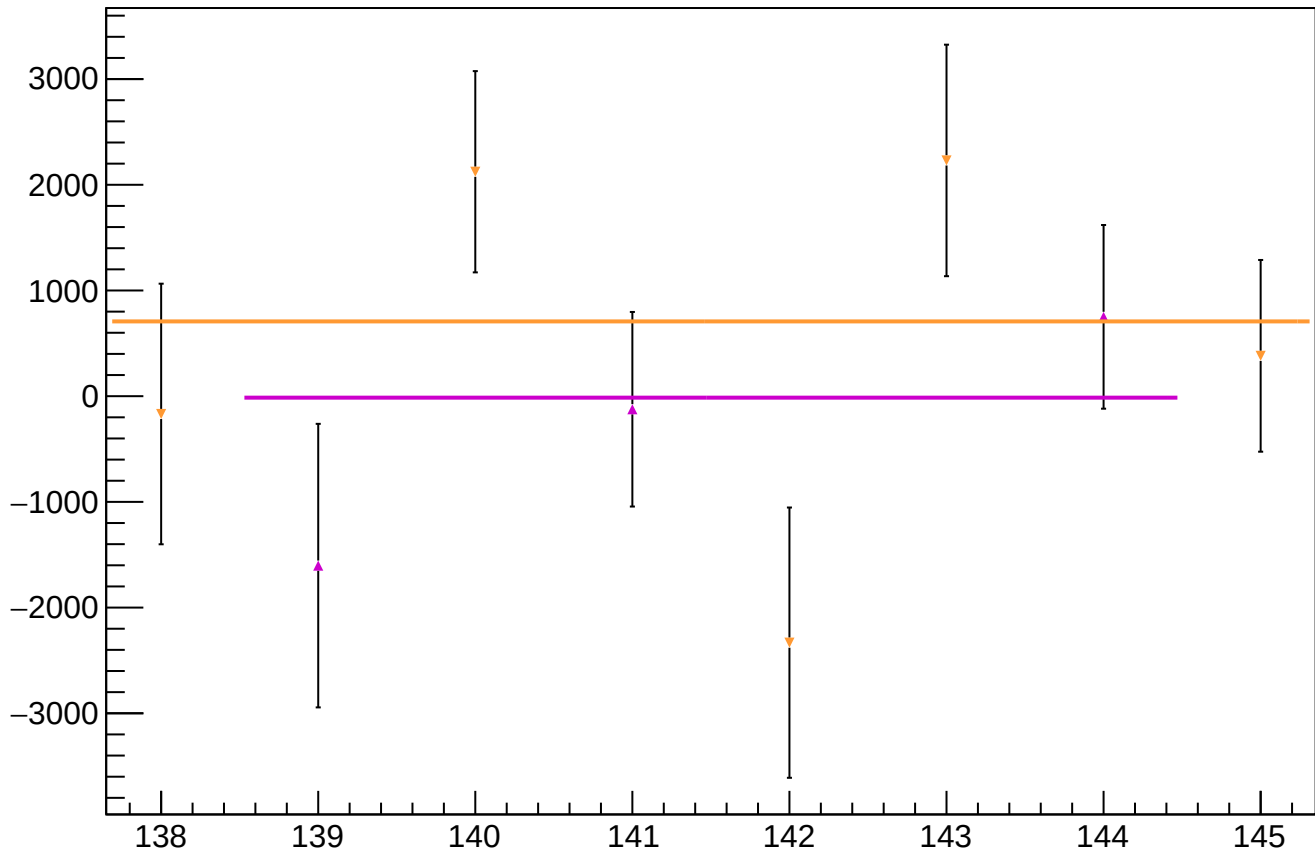
Left In: 883.564+/-0.403 χ^2/NDF : 134499.3/2

863.582+/-0.345 χ^2/NDF : 67786.3/4

872.014+/-0.262 χ^2/NDF : 203704.8/7

883.564+/-0.403 χ^2/NDF : 134499.3/2

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 707.445+/-475.512 χ^2/NDF : 10.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

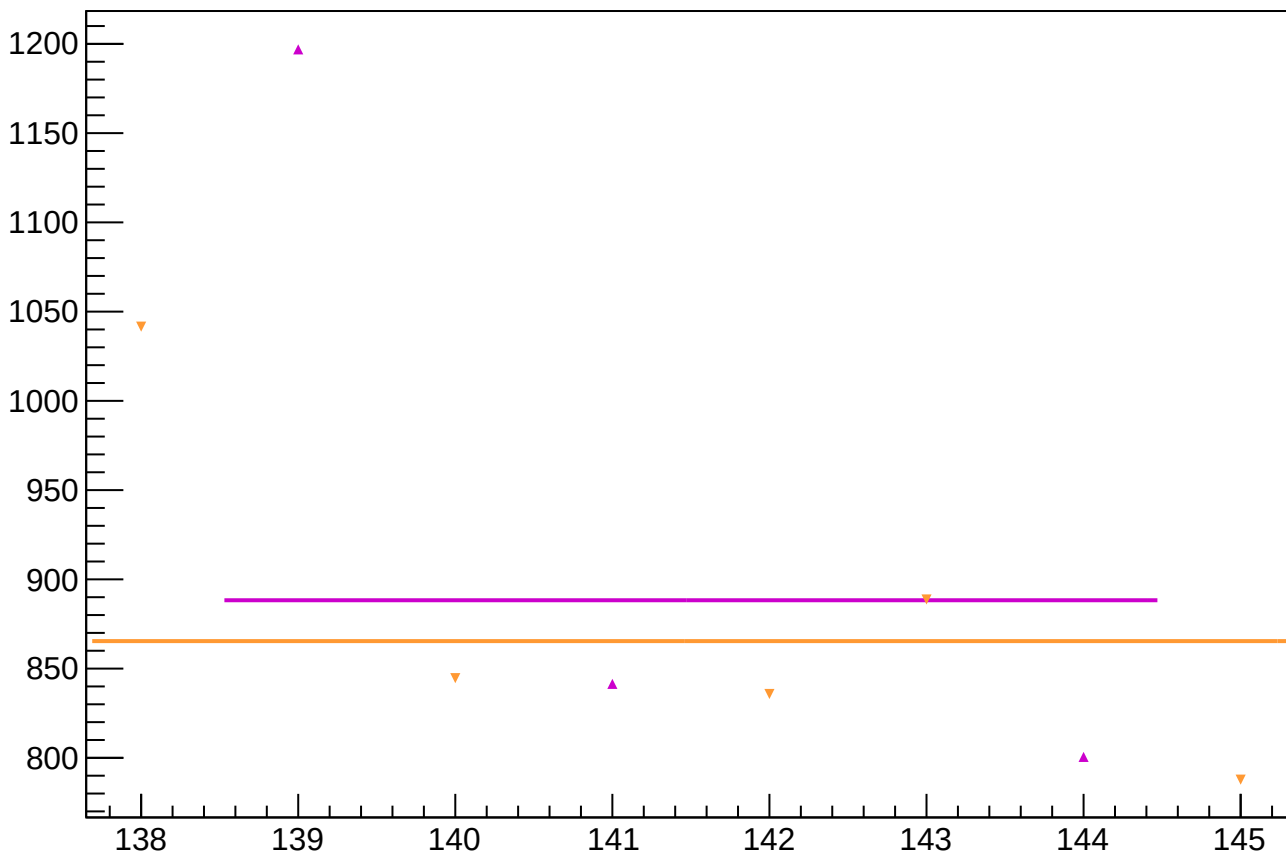
Left In: -13.947+/-571.594 χ^2/NDF : 2.2/2

707.445+/-475.512 χ^2/NDF : 10.4/4

412.390+/-365.555 χ^2/NDF : 13.6/7

-13.947+/-571.594 χ^2/NDF : 2.2/2

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 865.402+/-0.336 χ^2/NDF : 58435.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

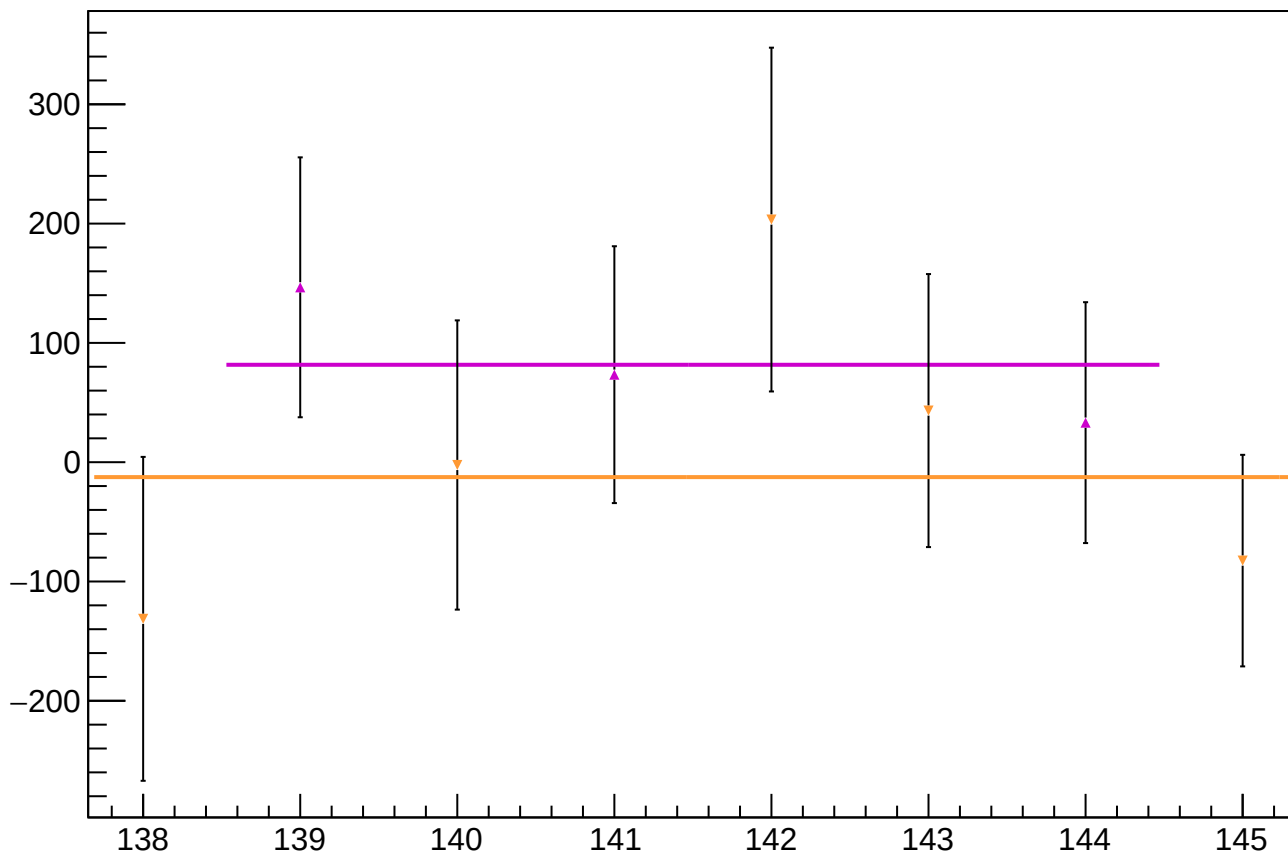
Left In: 888.290+/-0.404 χ^2/NDF : 131475.4/2

865.402+/-0.336 χ^2/NDF : 58435.3/4

874.764+/-0.258 χ^2/NDF : 191805.8/7

888.290+/-0.404 χ^2/NDF : 131475.4/2

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.503+/-51.707 χ^2/NDF : 3.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

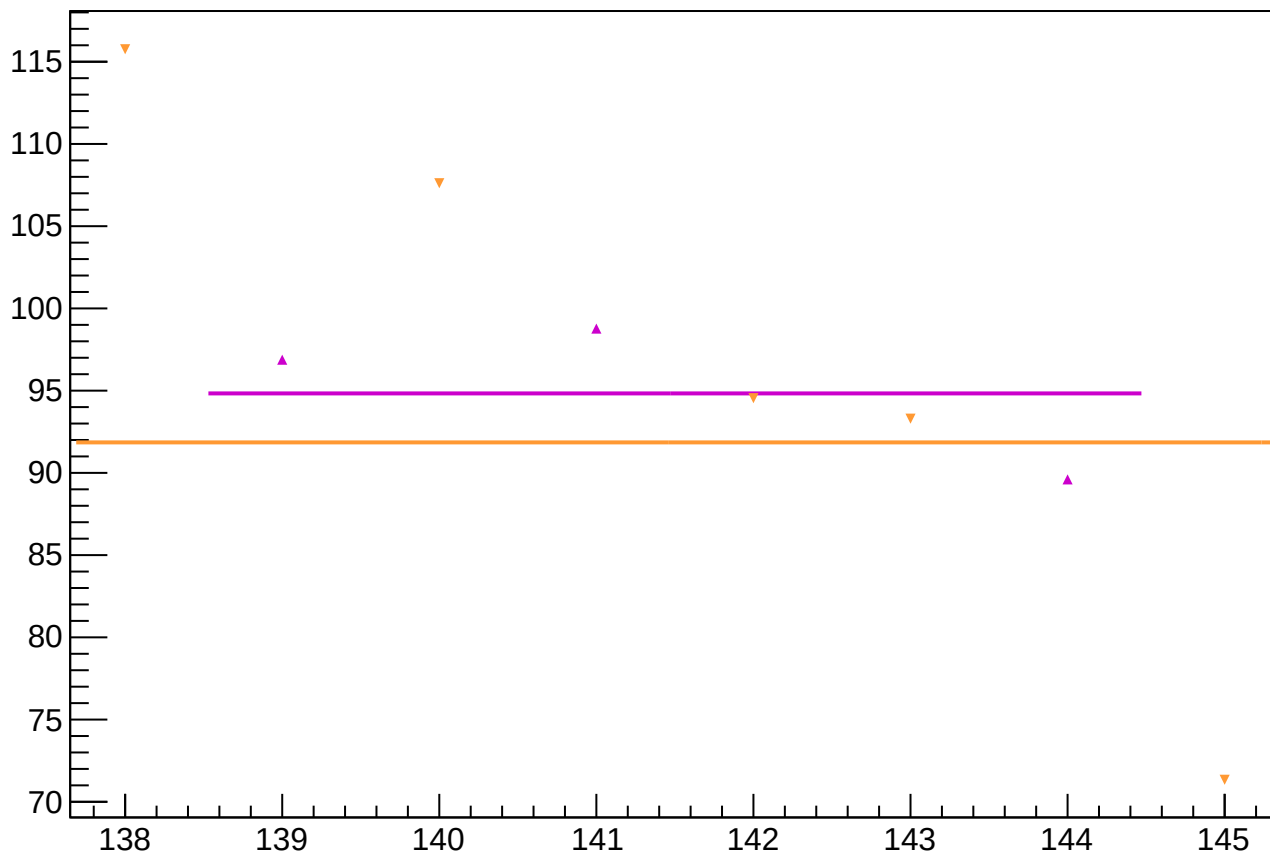
Left In: 81.655+/-61.008 χ^2/NDF : 0.6/2

-12.503+/-51.707 χ^2/NDF : 3.9/4

26.859+/-39.445 χ^2/NDF : 5.9/7

81.655+/-61.008 χ^2/NDF : 0.6/2

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 91.854+/-0.037 χ^2/NDF : 203863.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

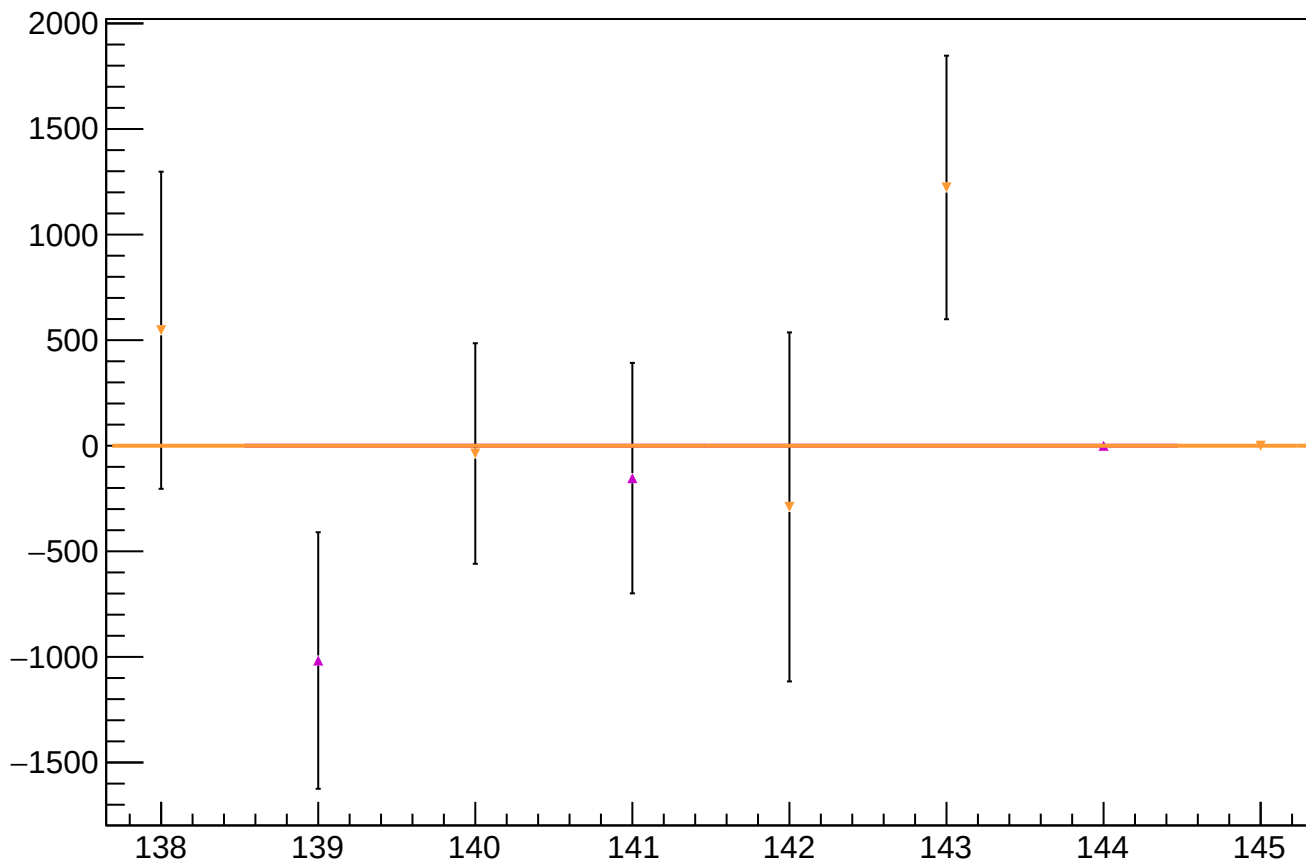
Left In: 94.832+/-0.043 χ^2/NDF : 8750.7/2

91.854+/-0.037 χ^2/NDF : 203863.5/4

93.099+/-0.028 χ^2/NDF : 215388.6/7

94.832+/-0.043 χ^2/NDF : 8750.7/2

asym_sam_26_48_dd_correction_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: 4.5/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

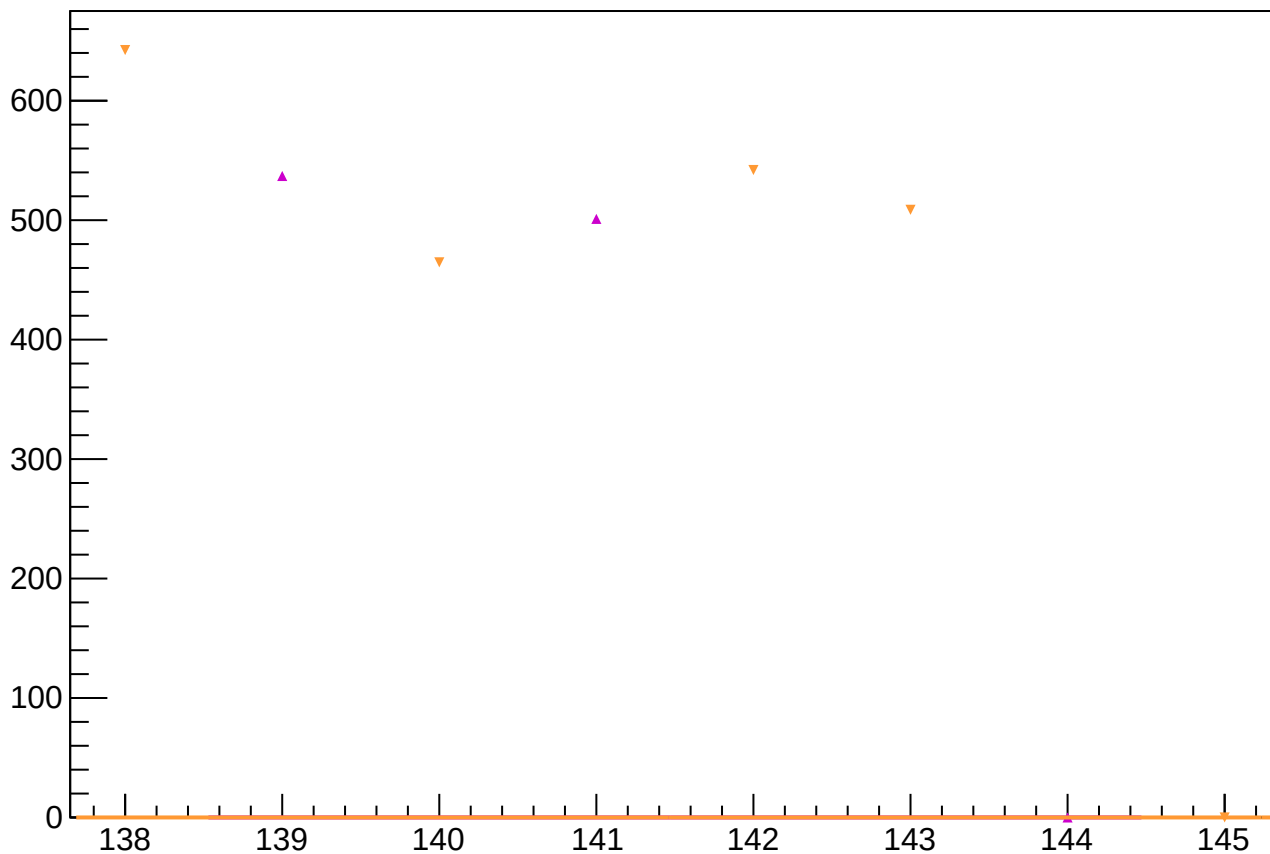
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/2

-0.000 $\pm$ 0.000 χ^2 /NDF: 4.5/4

-0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/7

0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/2

asym_sam_26_48_dd_correction_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 : 5236347.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

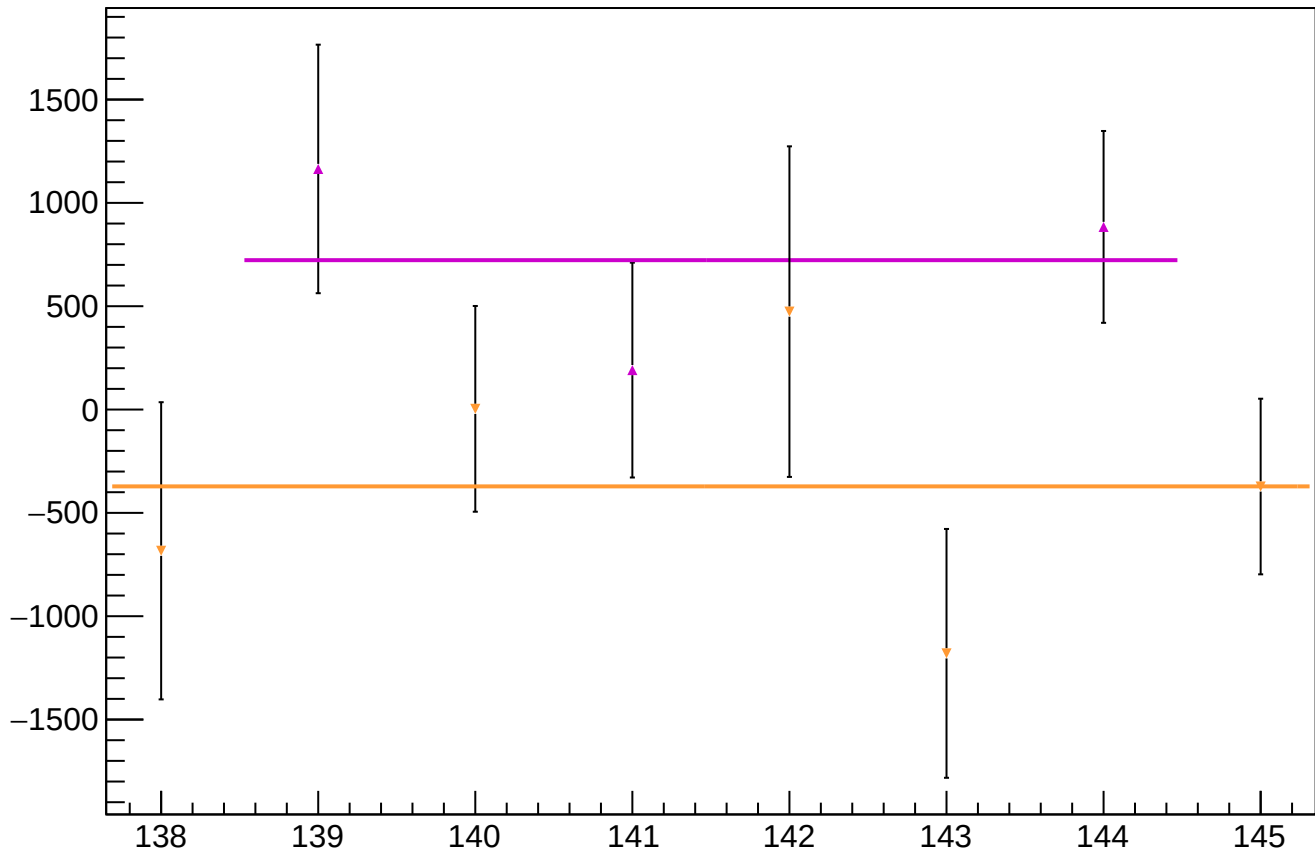
Left In: 0.000+/-0.000 χ^2/NDF : 3249137.5/2

0.000+/-0.000 χ^2/NDF : 5236347.6/4

0.000+/-0.000 χ^2/NDF : 8485512.1/7

0.000+/-0.000 χ^2/NDF : 3249137.5/2

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -371.820+/-251.325 χ^2/NDF : 3.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

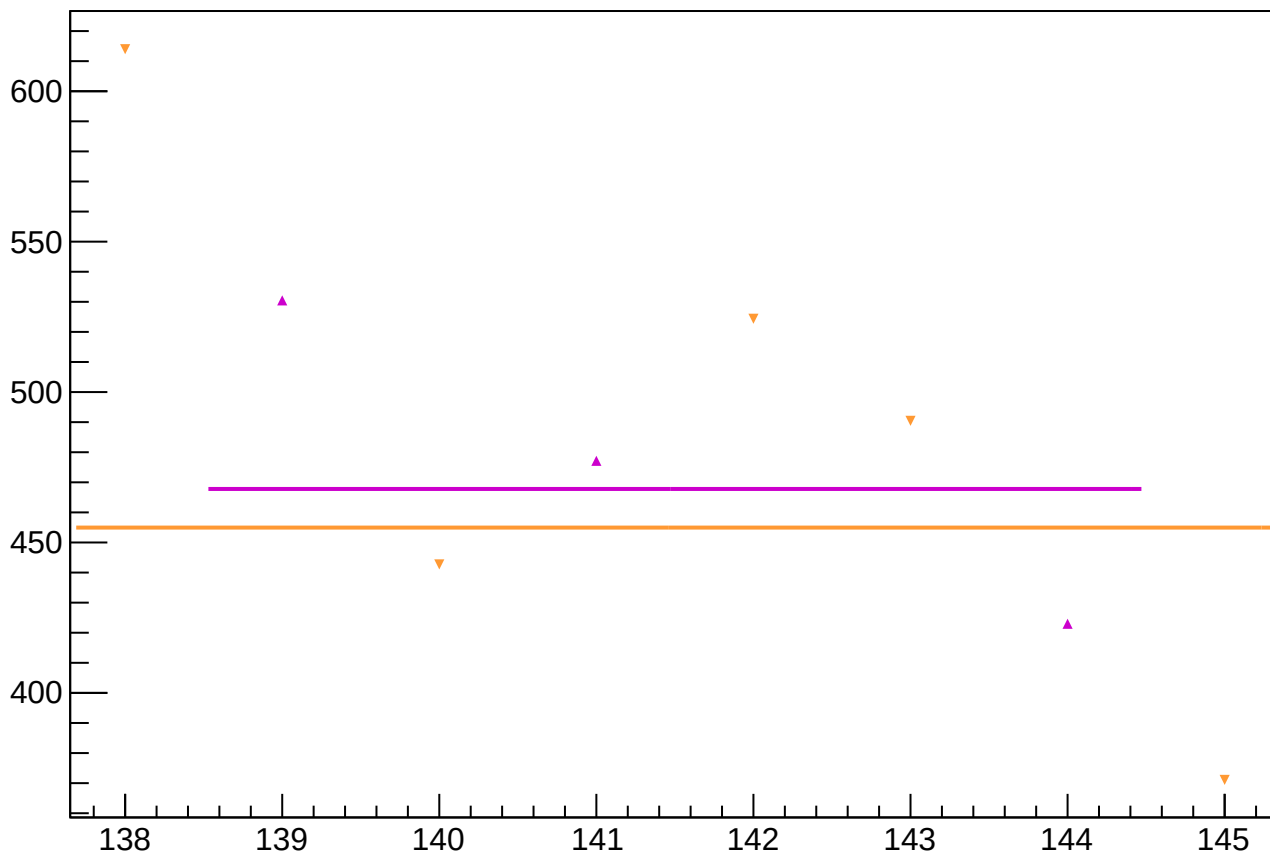
Left In: 722.828+/-300.054 χ^2/NDF : 1.7/2

-371.820+/-251.325 χ^2/NDF : 3.7/4

79.514+/-192.669 χ^2/NDF : 13.2/7

722.828+/-300.054 χ^2/NDF : 1.7/2

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 454.954+/-0.178 χ^2/NDF : 198985.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

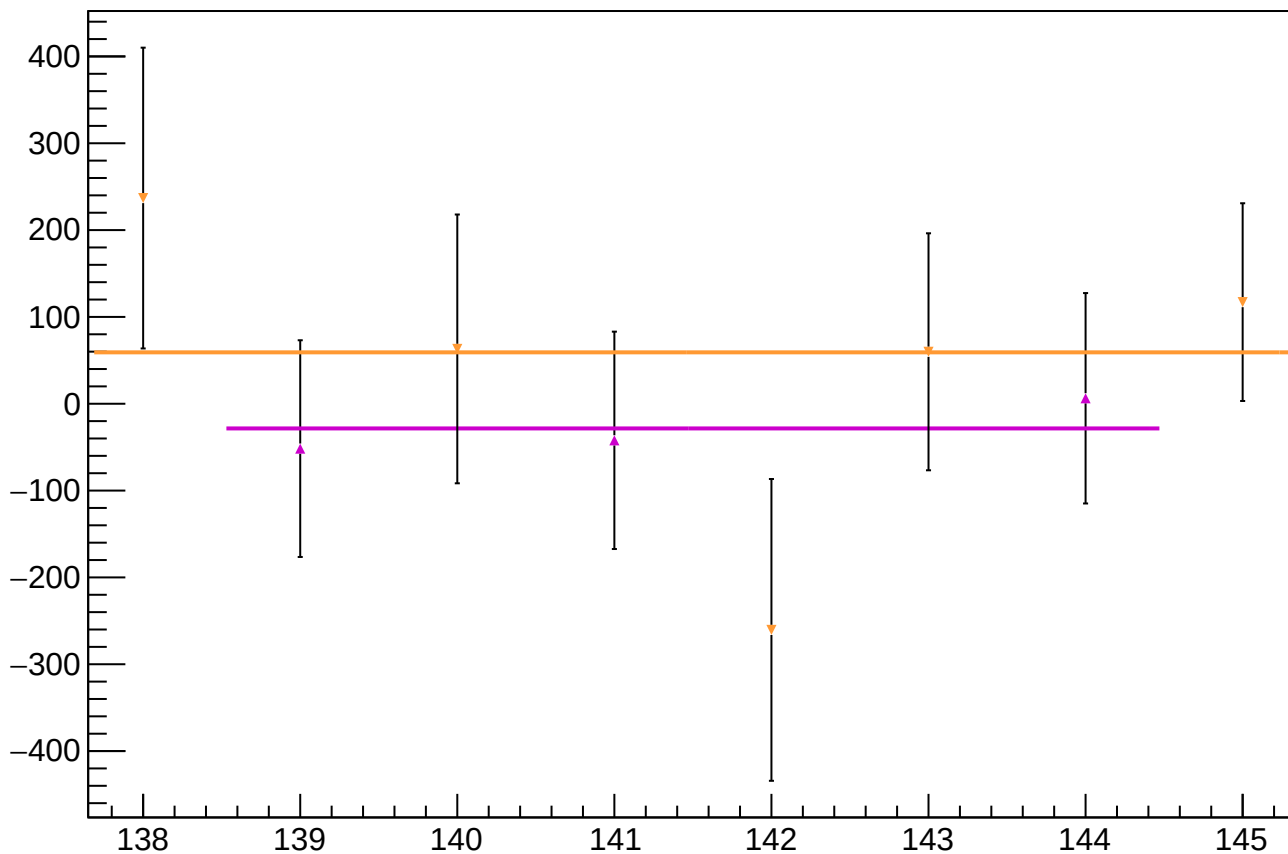
Left In: 467.793+/-0.212 χ^2/NDF : 41021.8/2

454.954+/-0.178 χ^2/NDF : 198985.4/4

460.247+/-0.136 χ^2/NDF : 242159.3/7

467.793+/-0.212 χ^2/NDF : 41021.8/2

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 59.200 $\pm$ 64.682 χ^2/NDF : 4.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

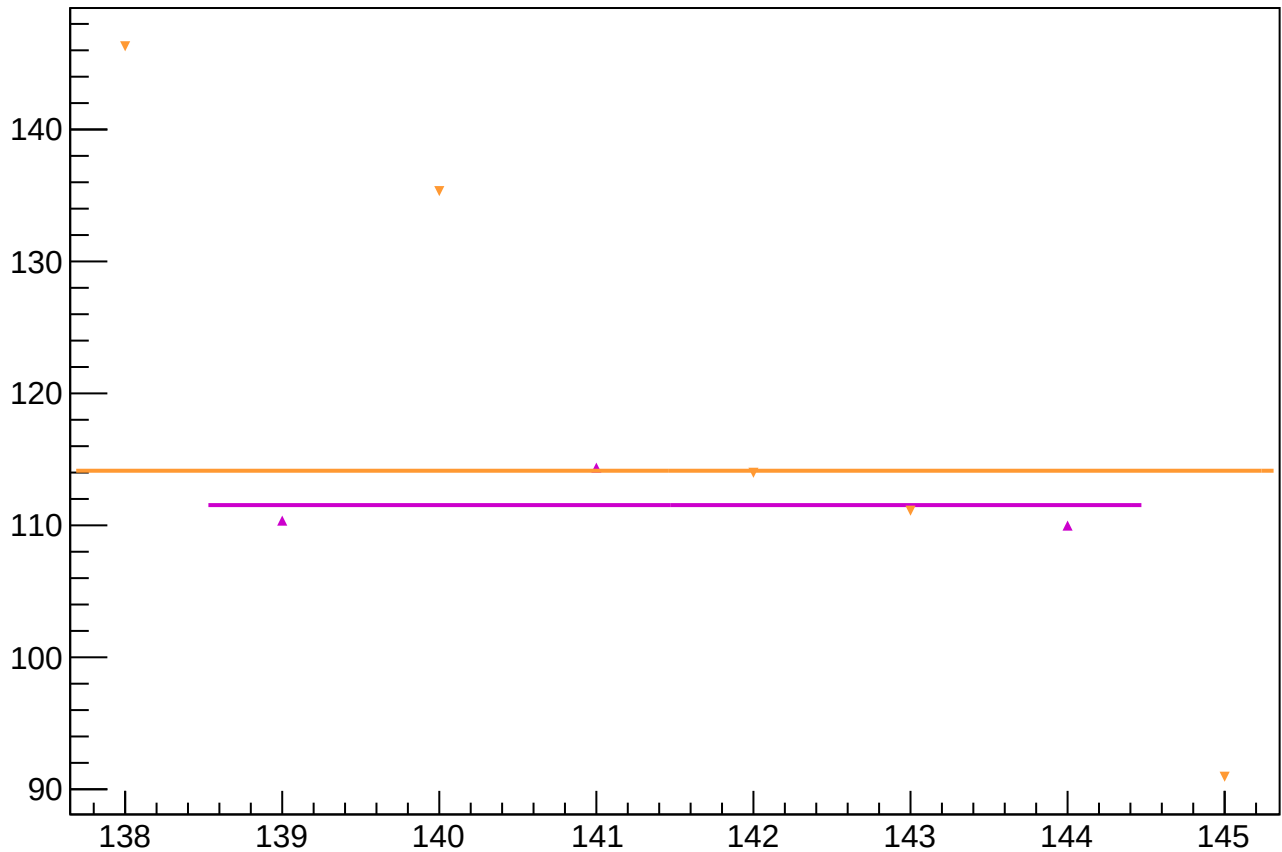
Left In: -28.430 $\pm$ 71.401 χ^2/NDF : 0.1/2

59.200 $\pm$ 64.682 χ^2/NDF : 4.7/4

19.701 $\pm$ 47.937 χ^2/NDF : 5.7/7

-28.430 $\pm$ 71.401 χ^2/NDF : 0.1/2

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 114.139+/-0.046 χ^2/NDF : 190413.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

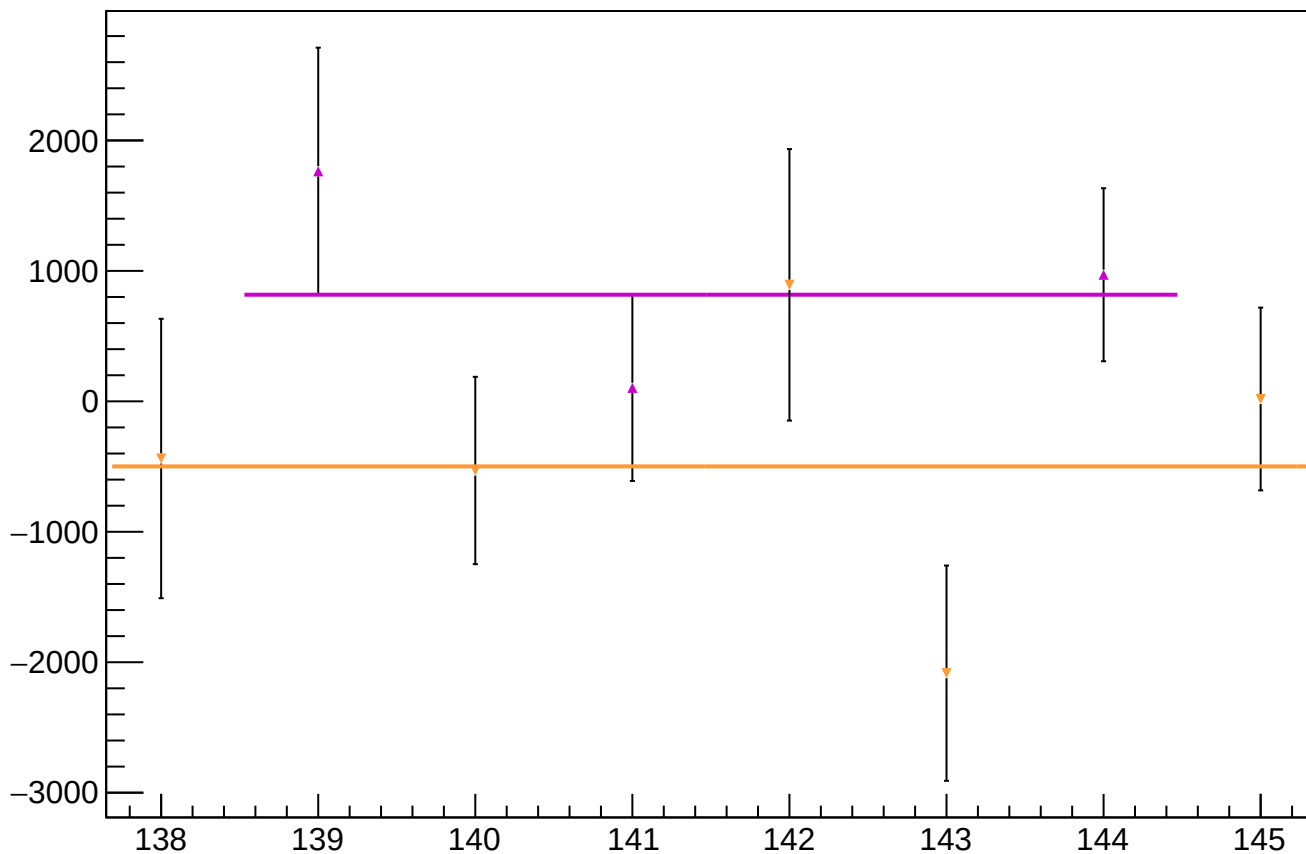
Left In: 111.534+/-0.050 χ^2/NDF : 1535.4/2

114.139+/-0.046 χ^2/NDF : 190413.0/4

112.965+/-0.034 χ^2/NDF : 193409.9/7

111.534+/-0.050 χ^2/NDF : 1535.4/2

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -498.605+/-371.600 χ^2/NDF : 6.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

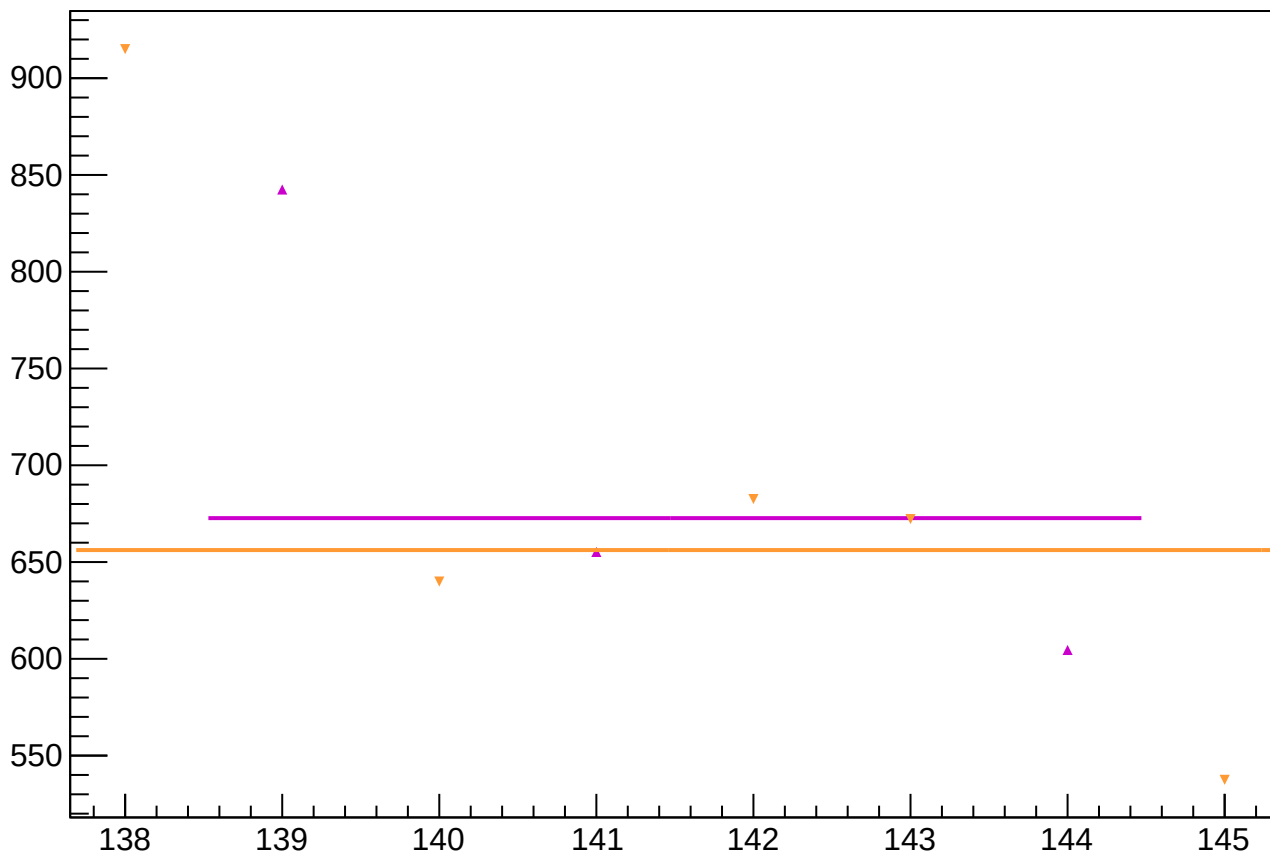
Left In: 817.417+/-432.367 χ^2/NDF : 2.1/2

-498.605+/-371.600 χ^2/NDF : 6.0/4

60.501+/-281.818 χ^2/NDF : 13.4/7

817.417+/-432.367 χ^2/NDF : 2.1/2

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 656.195+/-0.263 χ^2/NDF : 177296.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

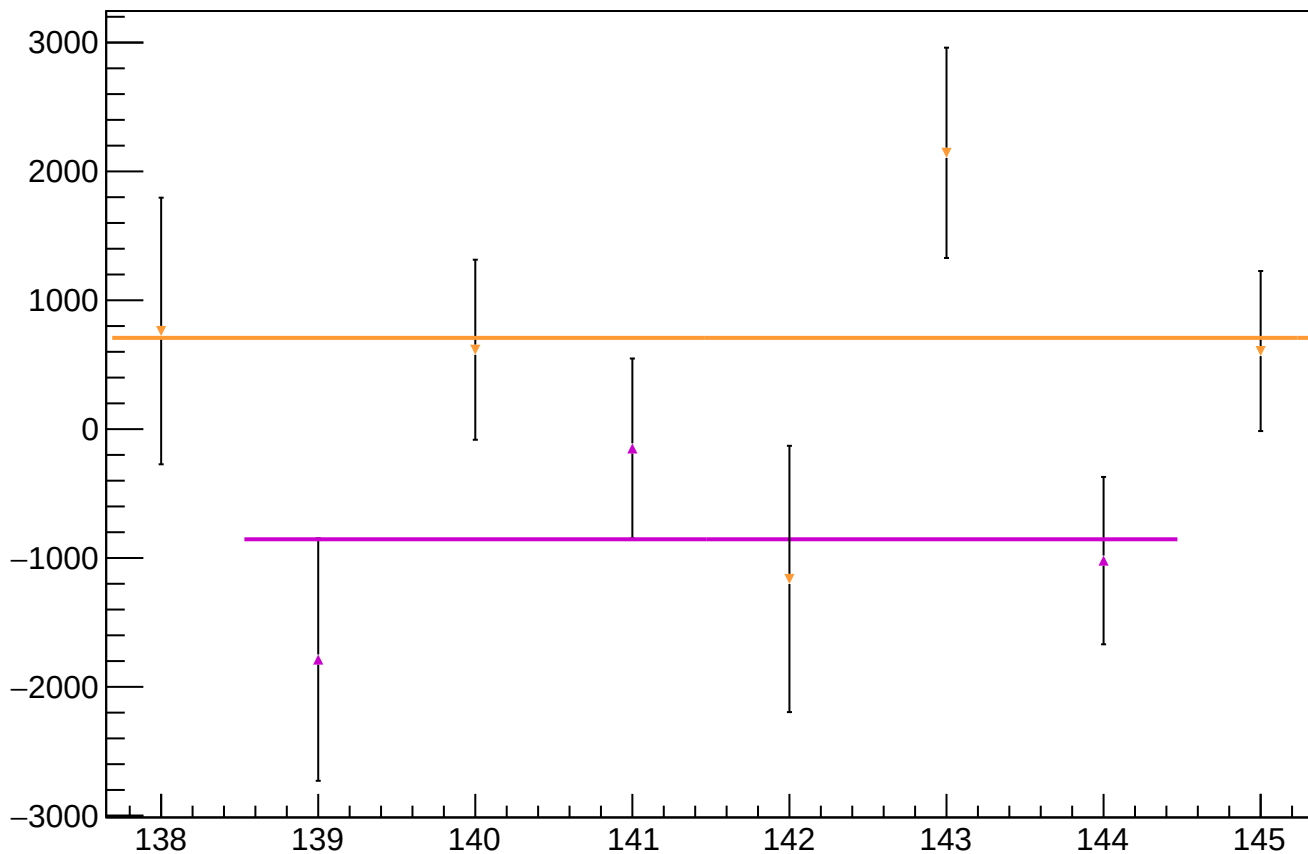
Left In: 672.695+/-0.306 χ^2/NDF : 86496.5/2

656.195+/-0.263 χ^2/NDF : 177296.4/4

663.205+/-0.199 χ^2/NDF : 265468.0/7

672.695+/-0.306 χ^2/NDF : 86496.5/2

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 708.373+/-353.263 χ^2/NDF : 6.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

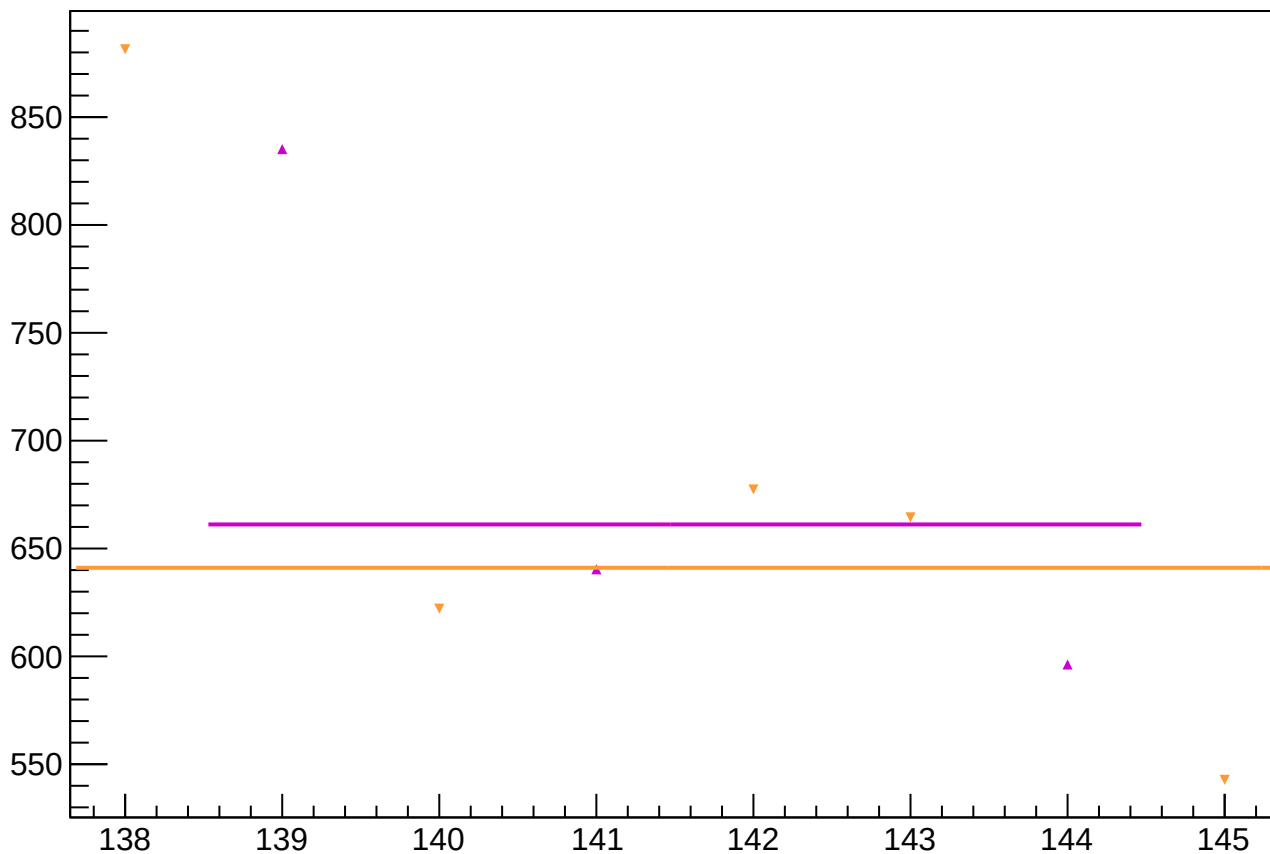
Left In: -854.828+/-424.369 χ^2/NDF : 2.1/2

708.373+/-353.263 χ^2/NDF : 6.4/4

68.524+/-271.503 χ^2/NDF : 16.5/7

-854.828+/-424.369 χ^2/NDF : 2.1/2

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 641.075+/-0.250 χ^2/NDF : 163686.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

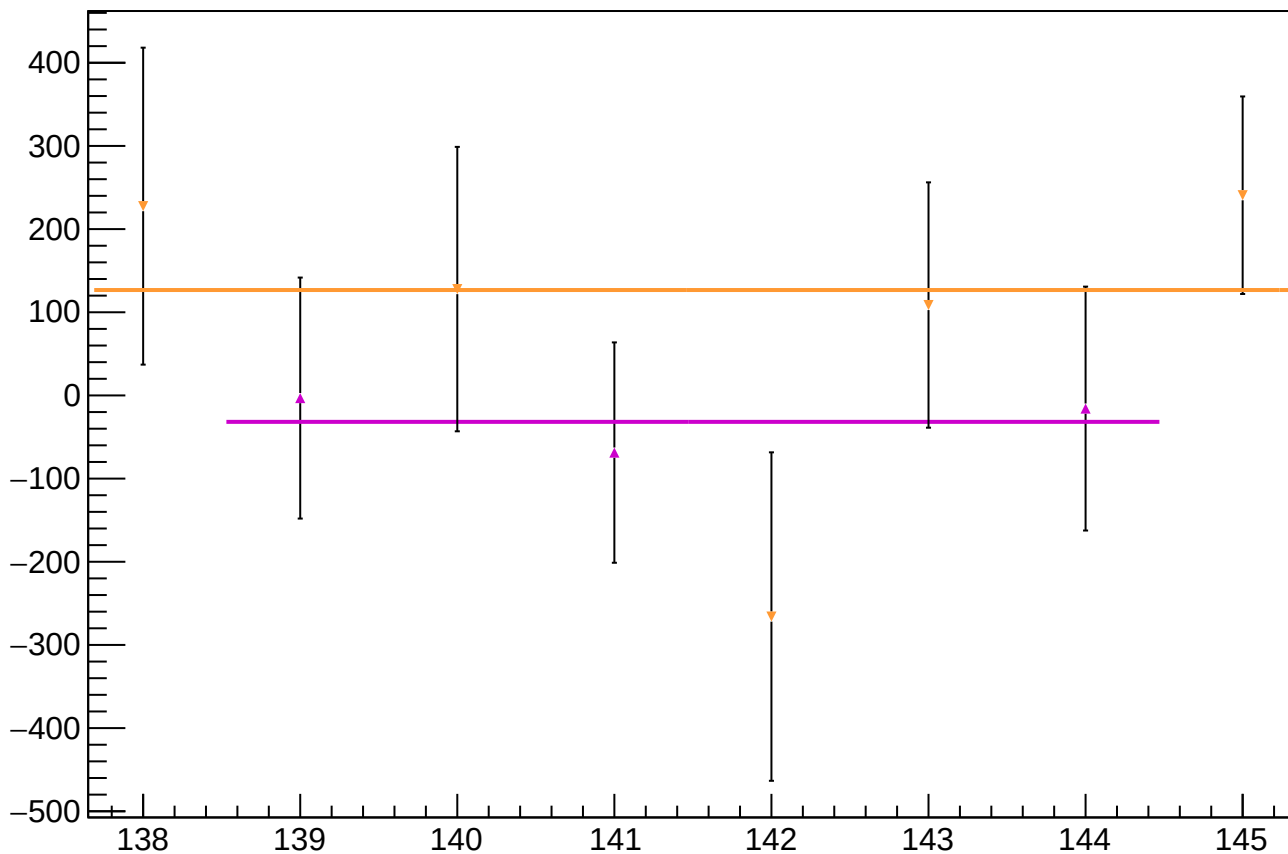
Left In: 661.162+/-0.300 χ^2/NDF : 90166.5/2

641.075+/-0.250 χ^2/NDF : 163686.0/4

649.297+/-0.192 χ^2/NDF : 256499.4/7

661.162+/-0.300 χ^2/NDF : 90166.5/2

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 126.745+/-69.970 χ^2/NDF : 5.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

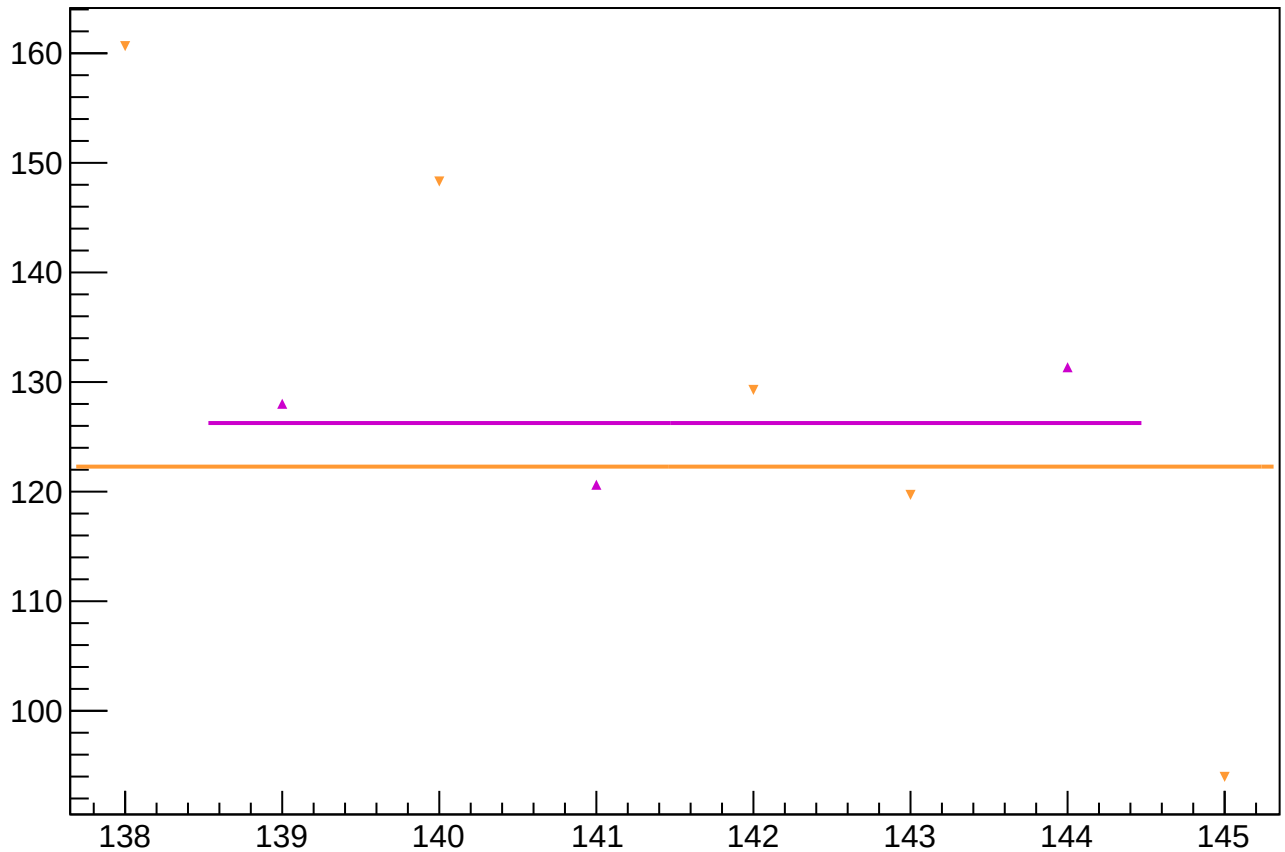
Left In: -31.774+/-81.347 χ^2/NDF : 0.1/2

126.745+/-69.970 χ^2/NDF : 5.2/4

59.337+/-53.047 χ^2/NDF : 7.5/7

-31.774+/-81.347 χ^2/NDF : 0.1/2

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 122.282+/-0.049 χ^2/NDF : 244167.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

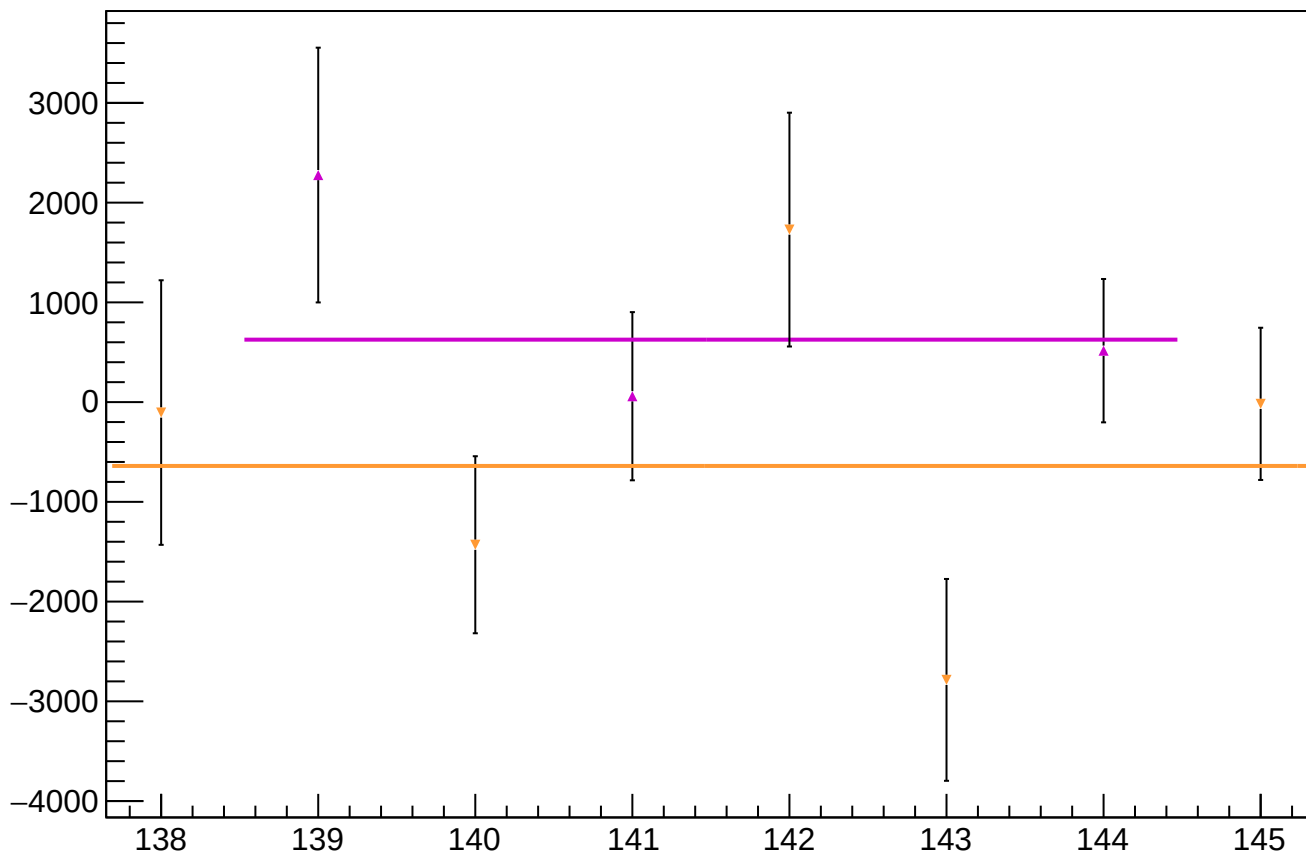
Left In: 126.259+/-0.058 χ^2/NDF : 6318.3/2

122.282+/-0.049 χ^2/NDF : 244167.5/4

123.973+/-0.038 χ^2/NDF : 253233.7/7

126.259+/-0.058 χ^2/NDF : 6318.3/2

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -639.957 $\pm$ 436.012 χ^2 /NDF:10.2/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

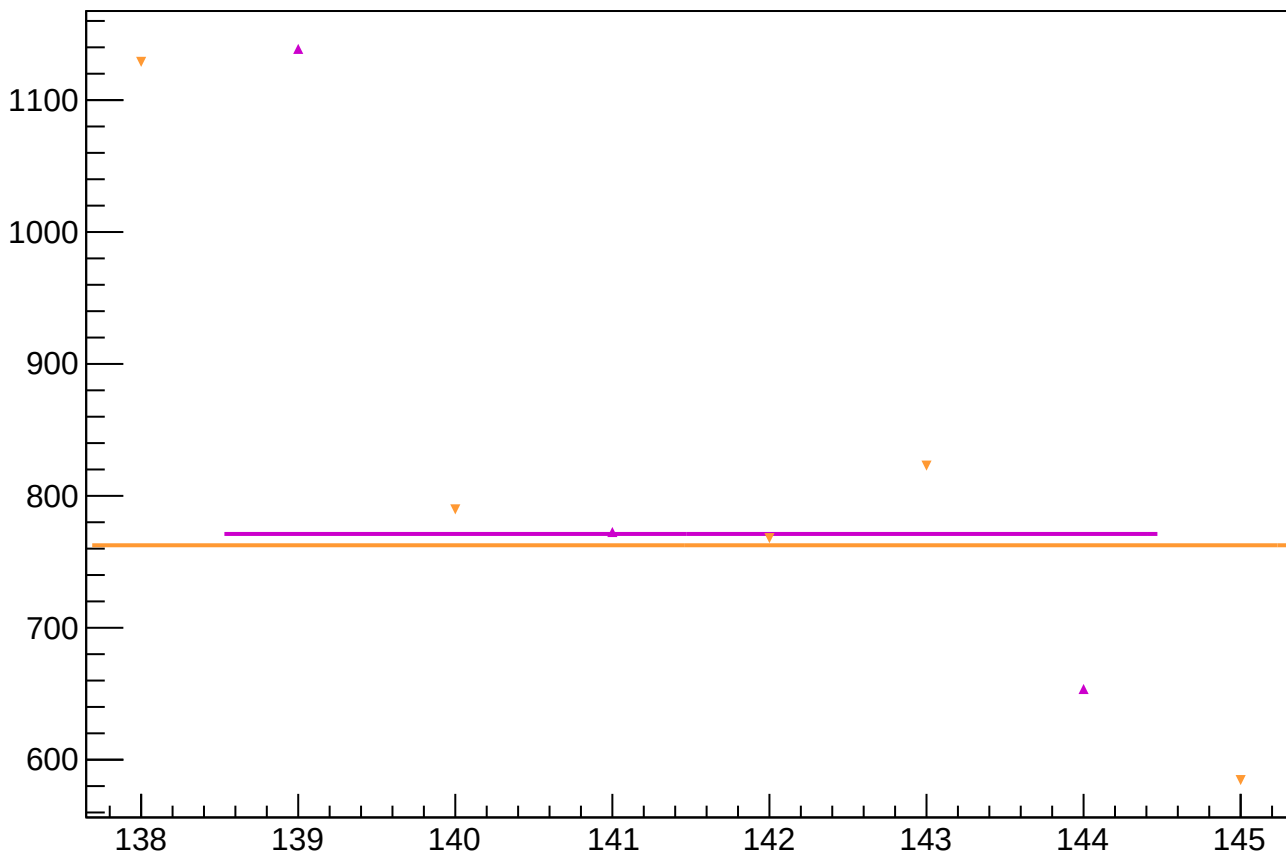
Left In: 626.240 $\pm$ 502.793 χ^2 /NDF:2.1/2

-639.957 $\pm$ 436.012 χ^2 /NDF: 10.2/4

-96.476 $\pm$ 329.406 χ^2 /NDF: 16.0/7

626.240 $\pm$ 502.793 χ^2 /NDF: 2.1/2

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 762.551 ± 0.308 $\chi^2/\text{NDF}: 270539.8/4$

762.551 ± 0.308 $\chi^2/\text{NDF}: 270539.8/4$

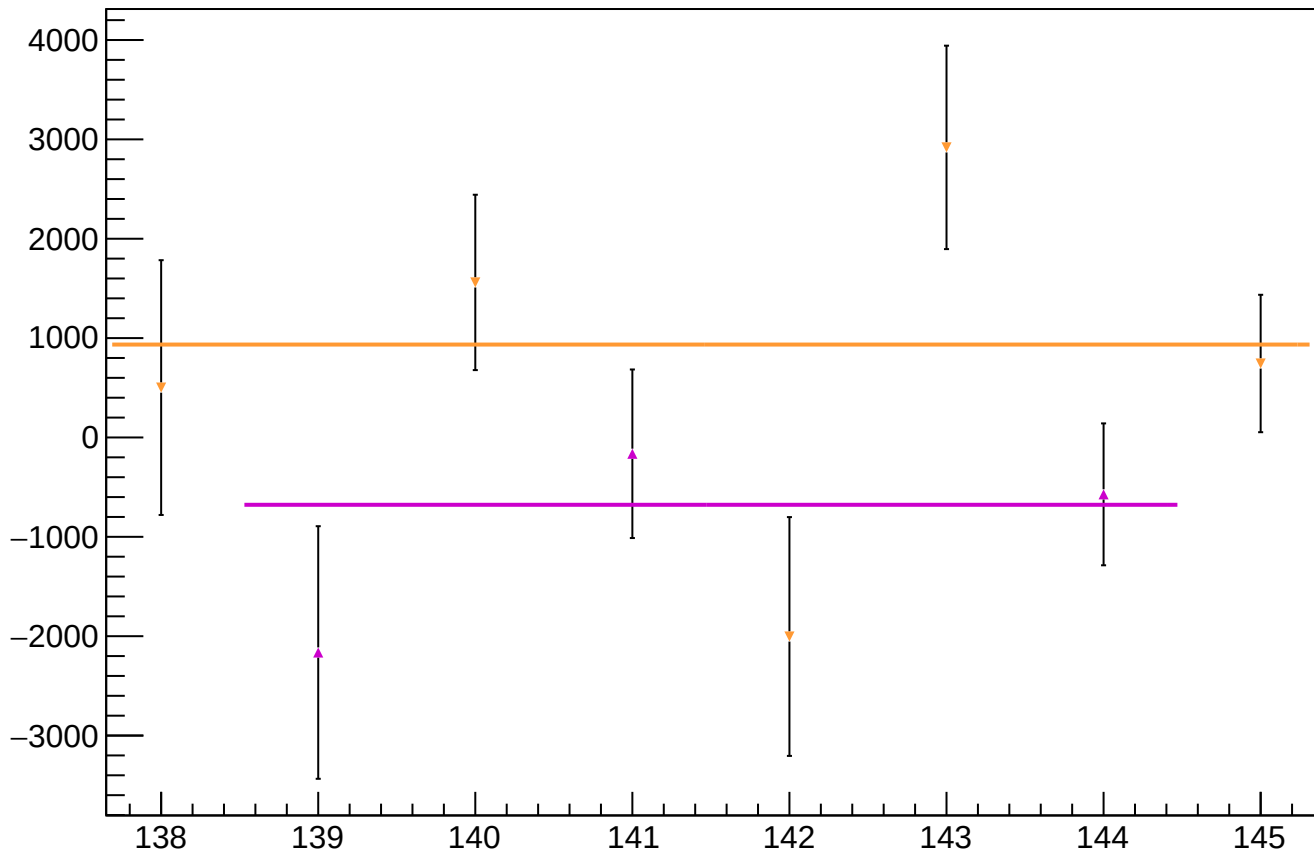
Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

766.234 ± 0.233 $\chi^2/\text{NDF}: 490146.6/7$

771.131 ± 0.356 $\chi^2/\text{NDF}: 219274.3/2$

Left In: 771.131 ± 0.356 $\chi^2/\text{NDF}: 219274.3/2$

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 935.027+/-421.419 χ^2/NDF : 10.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

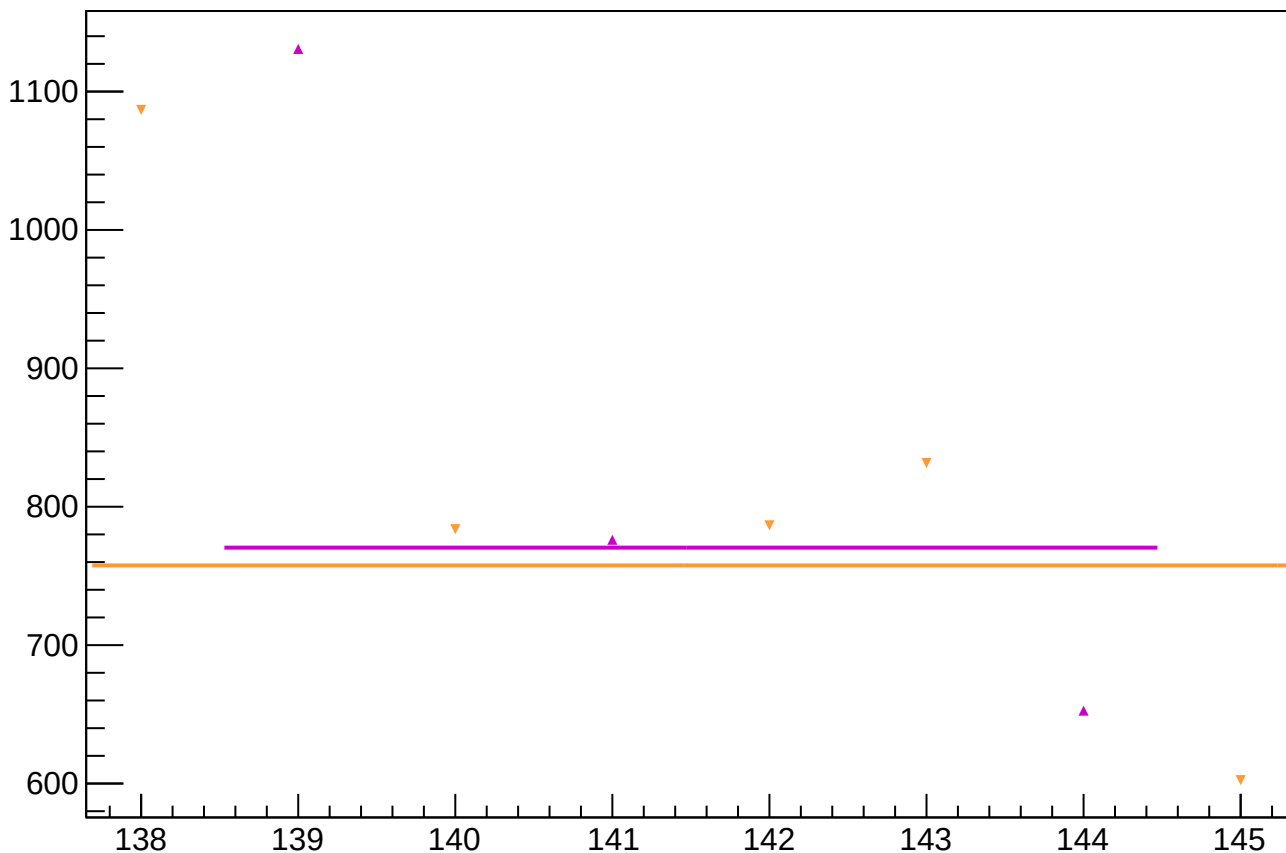
Left In: -677.613+/-501.866 χ^2/NDF : 1.8/2

935.027+/-421.419 χ^2/NDF : 10.4/4

268.160+/-322.730 χ^2/NDF : 18.2/7

-677.613+/-501.866 χ^2/NDF : 1.8/2

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 757.616+/-0.298 χ^2/NDF : 245853.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

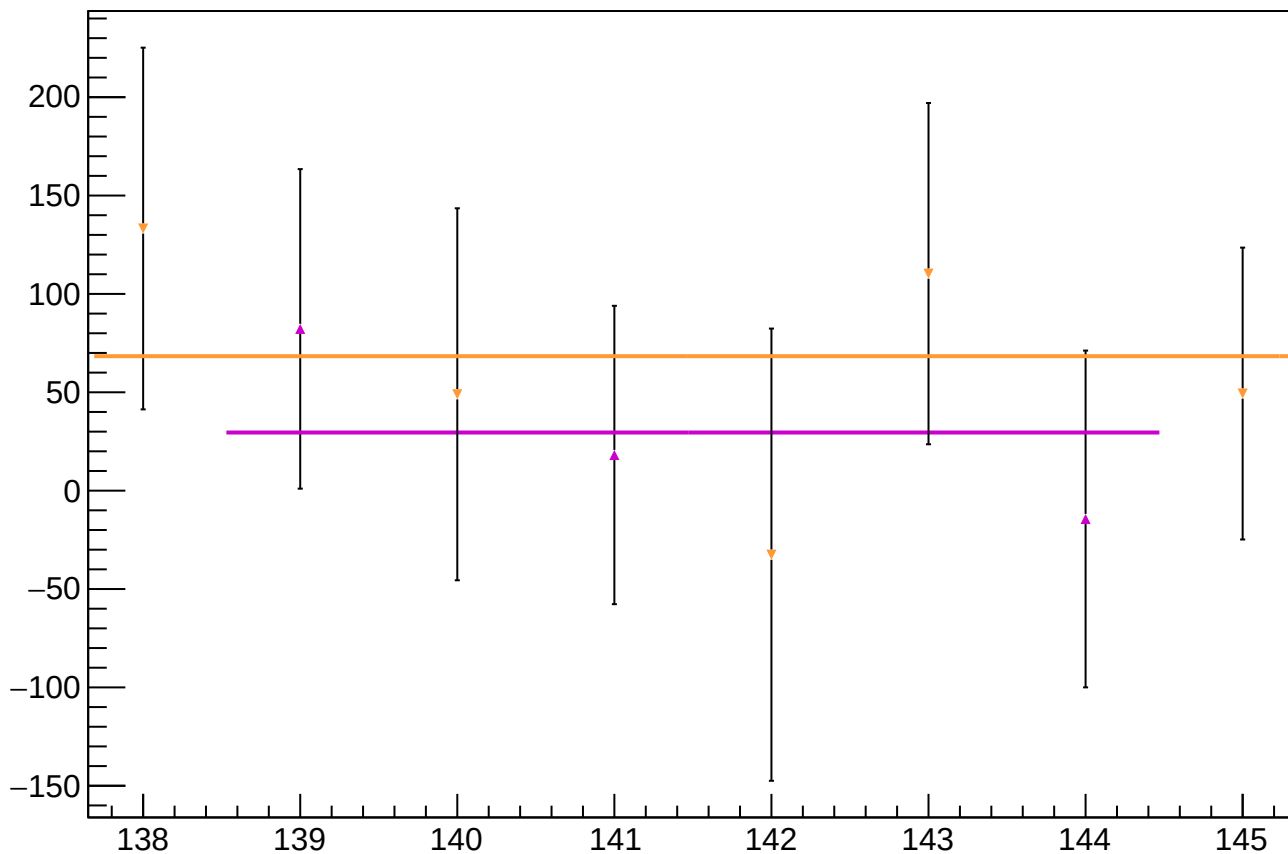
Left In: 770.440+/-0.355 χ^2/NDF : 215261.2/2

757.616+/-0.298 χ^2/NDF : 245853.5/4

762.919+/-0.228 χ^2/NDF : 461880.5/7

770.440+/-0.355 χ^2/NDF : 215261.2/2

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 68.351 $\pm$ 40.142 χ^2 /NDF:1.6/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

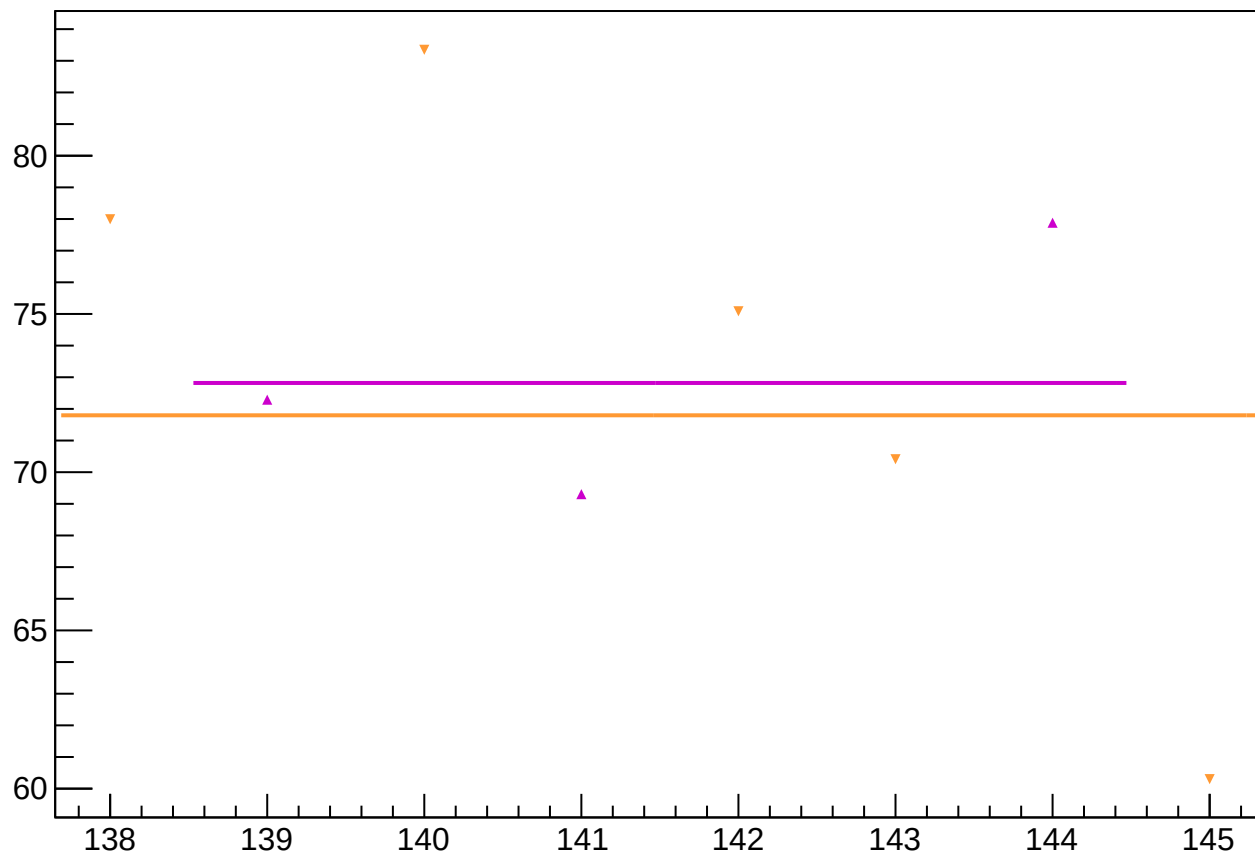
Left In: 29.556 $\pm$ 46.523 χ^2 /NDF:0.7/2

68.351 $\pm$ 40.142 χ^2 /NDF: 1.6/4

51.795 $\pm$ 30.392 χ^2 /NDF: 2.7/7

29.556 $\pm$ 46.523 χ^2 /NDF: 0.7/2

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 71.797 ± 0.028 $\chi^2/\text{NDF}: 89126.9/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

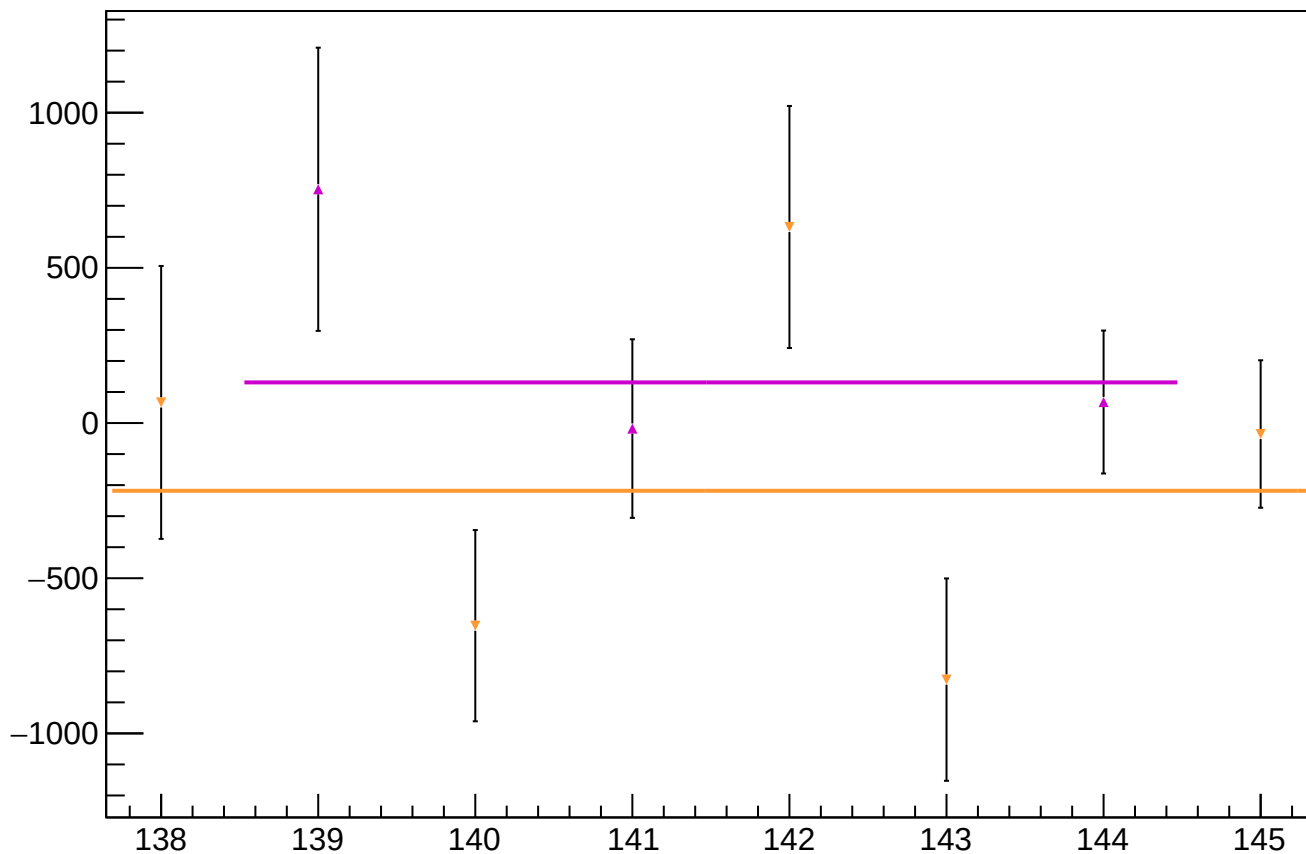
Left In: 72.819 ± 0.033 $\chi^2/\text{NDF}: 11377.4/2$

71.797 ± 0.028 $\chi^2/\text{NDF}: 89126.9/4$

72.234 ± 0.021 $\chi^2/\text{NDF}: 101057.5/7$

72.819 ± 0.033 $\chi^2/\text{NDF}: 11377.4/2$

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -218.297 $\pm$ 142.261 χ^2 /NDF: 11.2/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

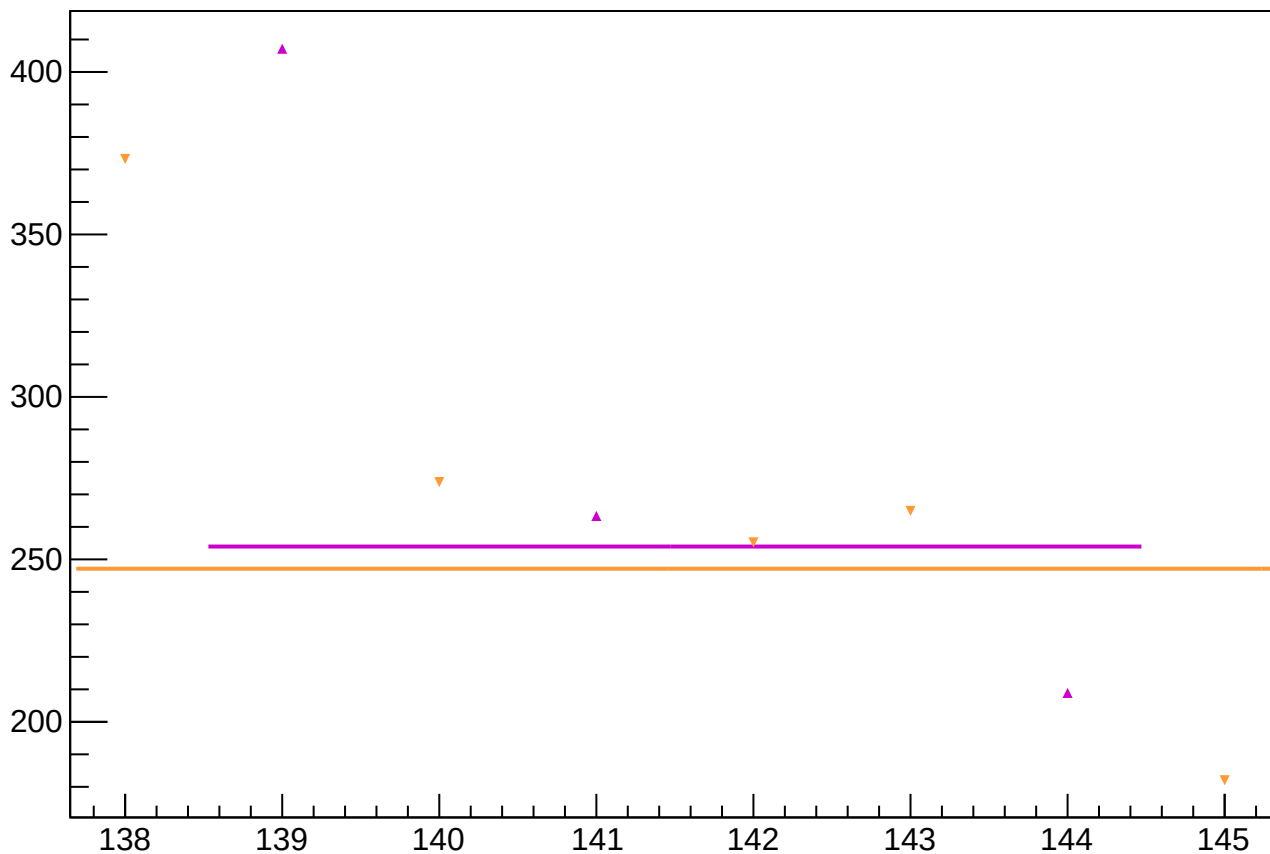
Left In: 130.963 $\pm$ 167.278 χ^2 /NDF: 2.2/2

-218.297 $\pm$ 142.261 χ^2 /NDF: 11.2/4

-71.711 $\pm$ 108.370 χ^2 /NDF: 16.0/7

130.963 $\pm$ 167.278 χ^2 /NDF: 2.2/2

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 247.132+/-0.101 χ^2/NDF : 336508.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

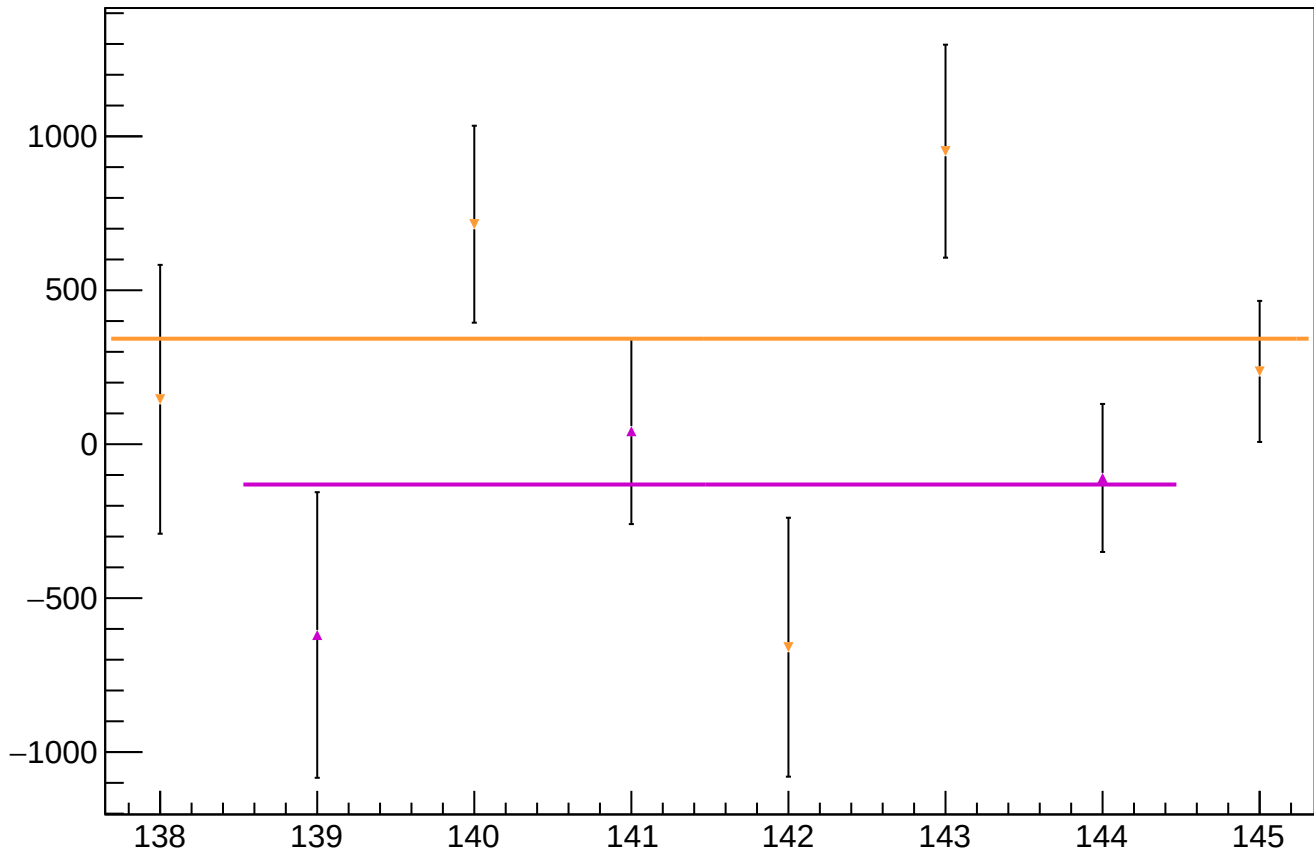
Left In: 253.953+/-0.118 χ^2/NDF : 304200.4/2

247.132+/-0.101 χ^2/NDF : 336508.8/4

249.995+/-0.077 χ^2/NDF : 642638.8/7

253.953+/-0.118 χ^2/NDF : 304200.4/2

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 342.707+/-144.213 χ^2/NDF : 10.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

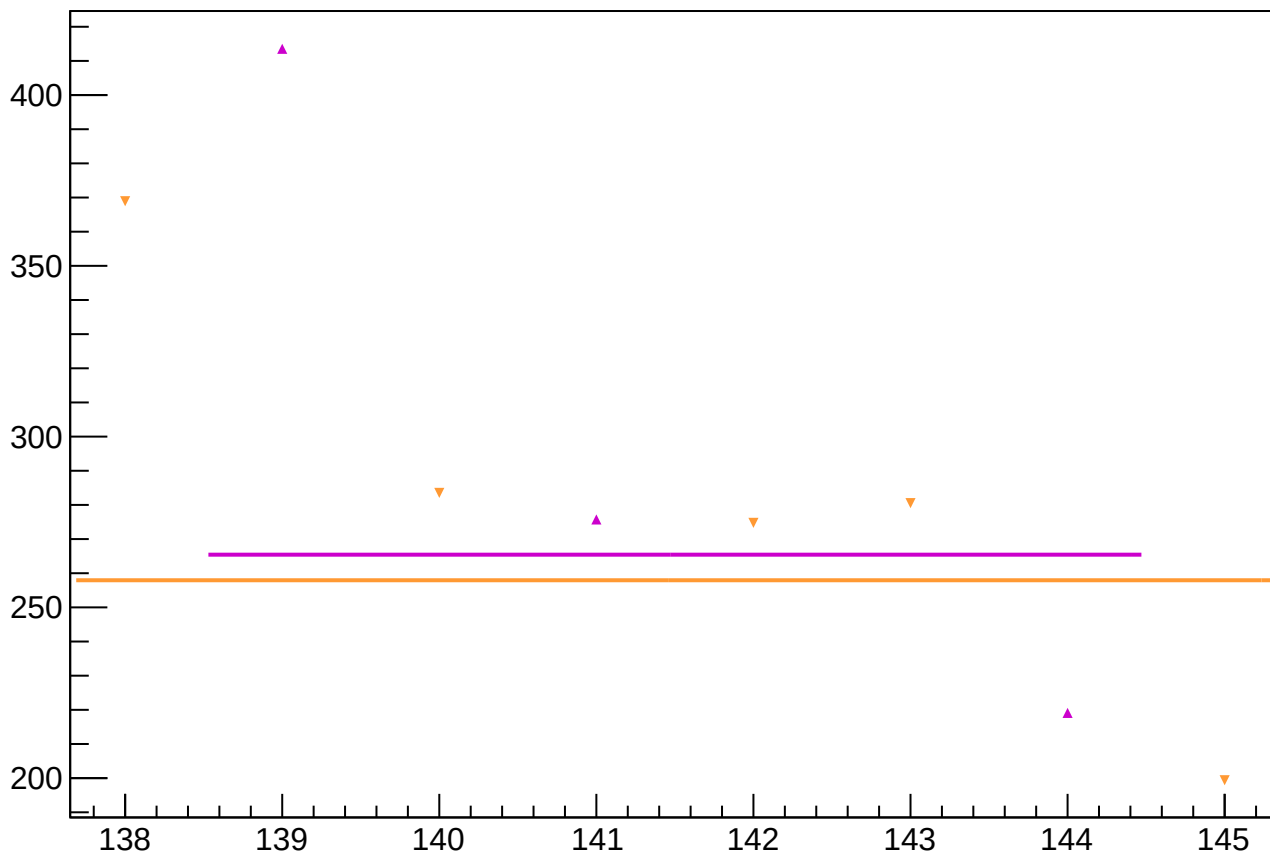
Left In: -130.942+/-174.269 χ^2/NDF : 1.4/2

342.707+/-144.213 χ^2/NDF : 10.5/4

150.186+/-111.104 χ^2/NDF : 16.4/7

-130.942+/-174.269 χ^2/NDF : 1.4/2

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 257.941+/-0.102 χ^2/NDF : 284357.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

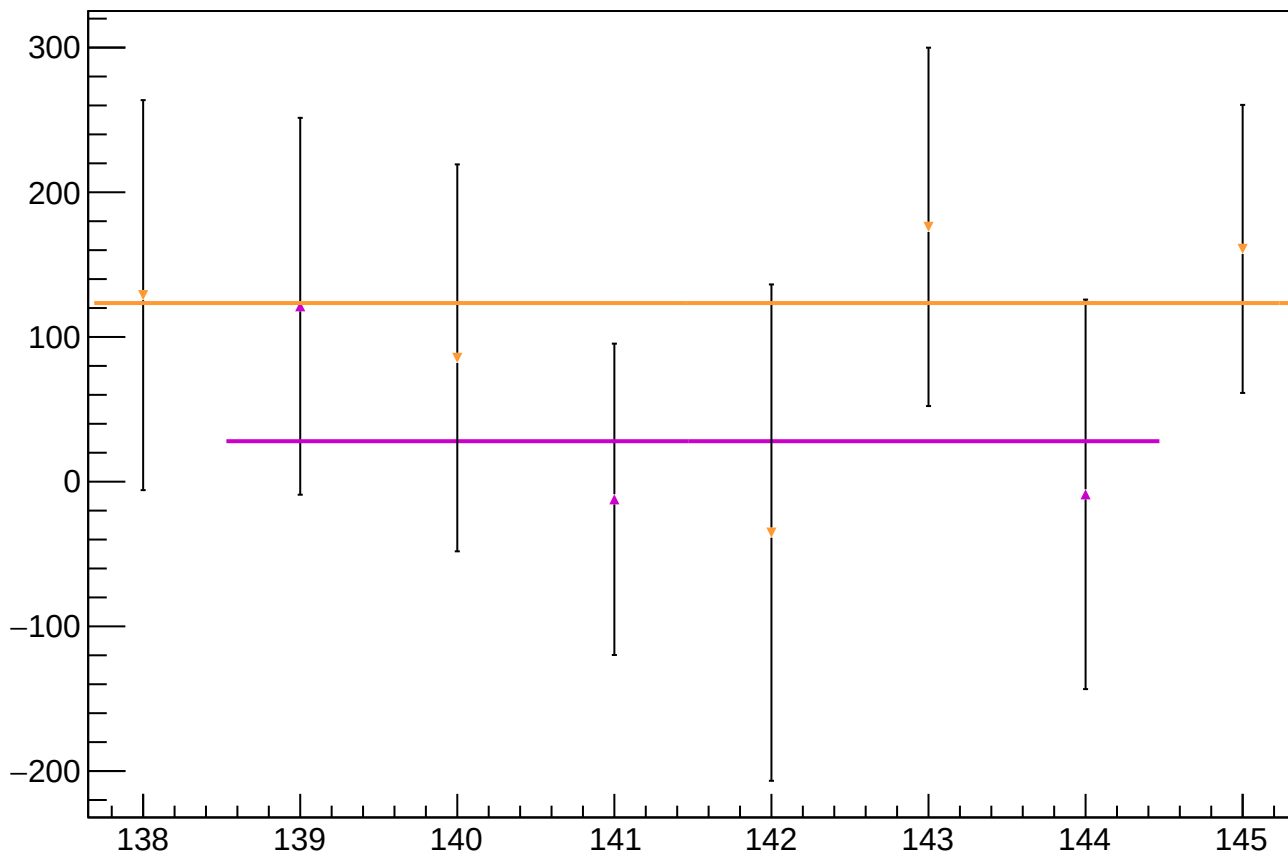
Left In: 265.430+/-0.123 χ^2/NDF : 280541.2/2

257.941+/-0.102 χ^2/NDF : 284357.7/4

260.985+/-0.079 χ^2/NDF : 567091.1/7

265.430+/-0.123 χ^2/NDF : 280541.2/2

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 123.444+/-56.692 χ^2/NDF : 1.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

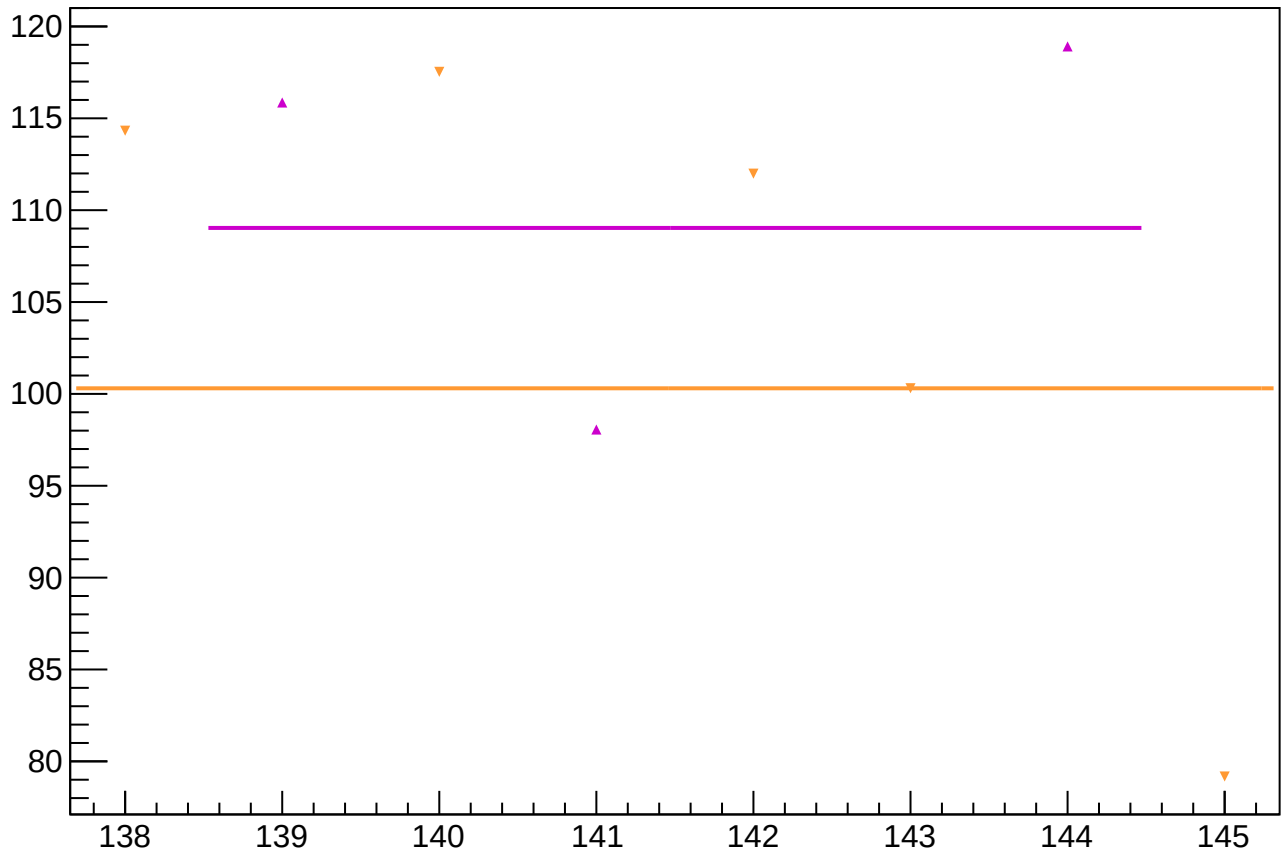
Left In: 27.971+/-70.613 χ^2/NDF : 0.7/2

123.444+/-56.692 χ^2/NDF : 1.3/4

86.024+/-44.208 χ^2/NDF : 3.1/7

27.971+/-70.613 χ^2/NDF : 0.7/2

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 100.304+/-0.040 χ^2/NDF : 154254.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

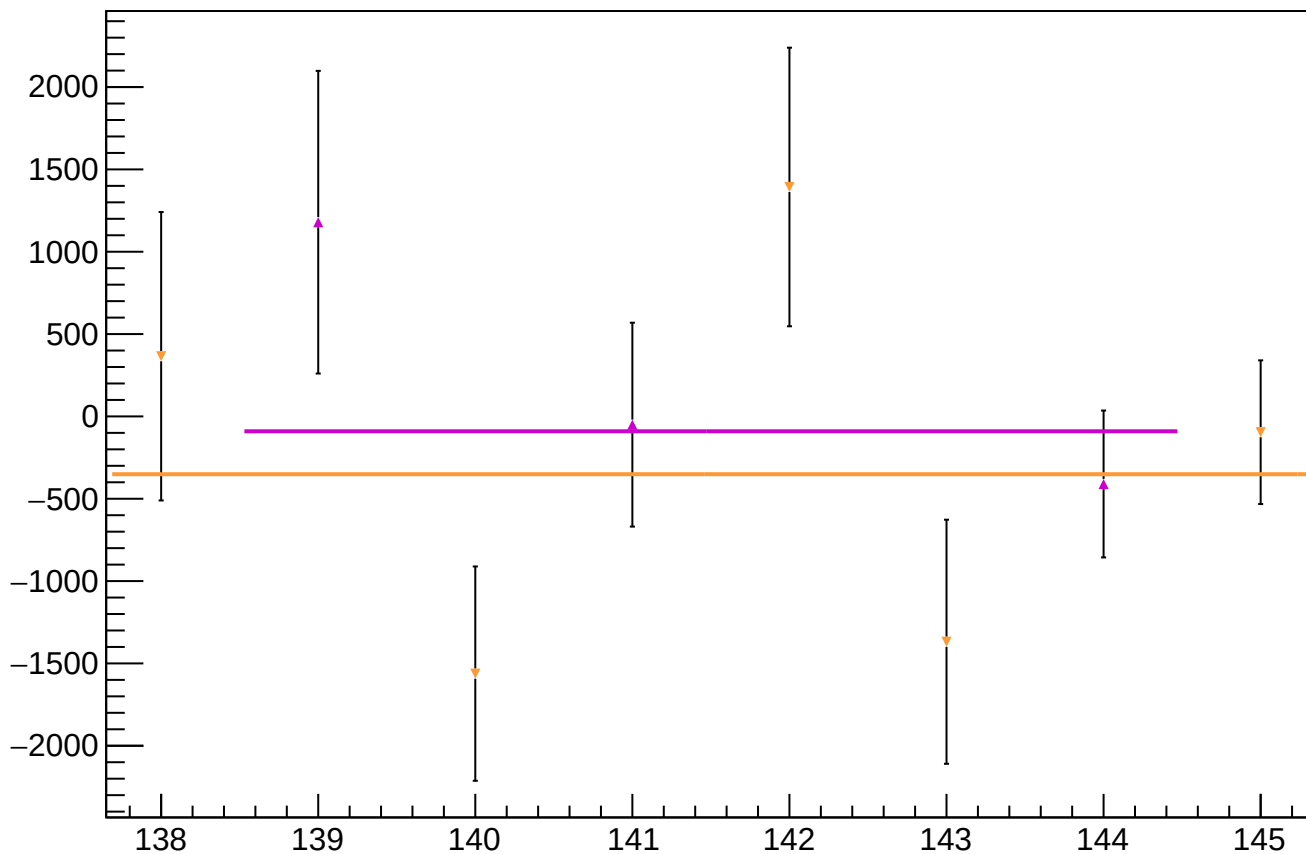
Left In: 109.034+/-0.050 χ^2/NDF : 37075.1/2

100.304+/-0.040 χ^2/NDF : 154254.7/4

103.726+/-0.031 χ^2/NDF : 209914.2/7

109.034+/-0.050 χ^2/NDF : 37075.1/2

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -350.994 $\pm$ 287.058 χ^2 /NDF:10.6/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

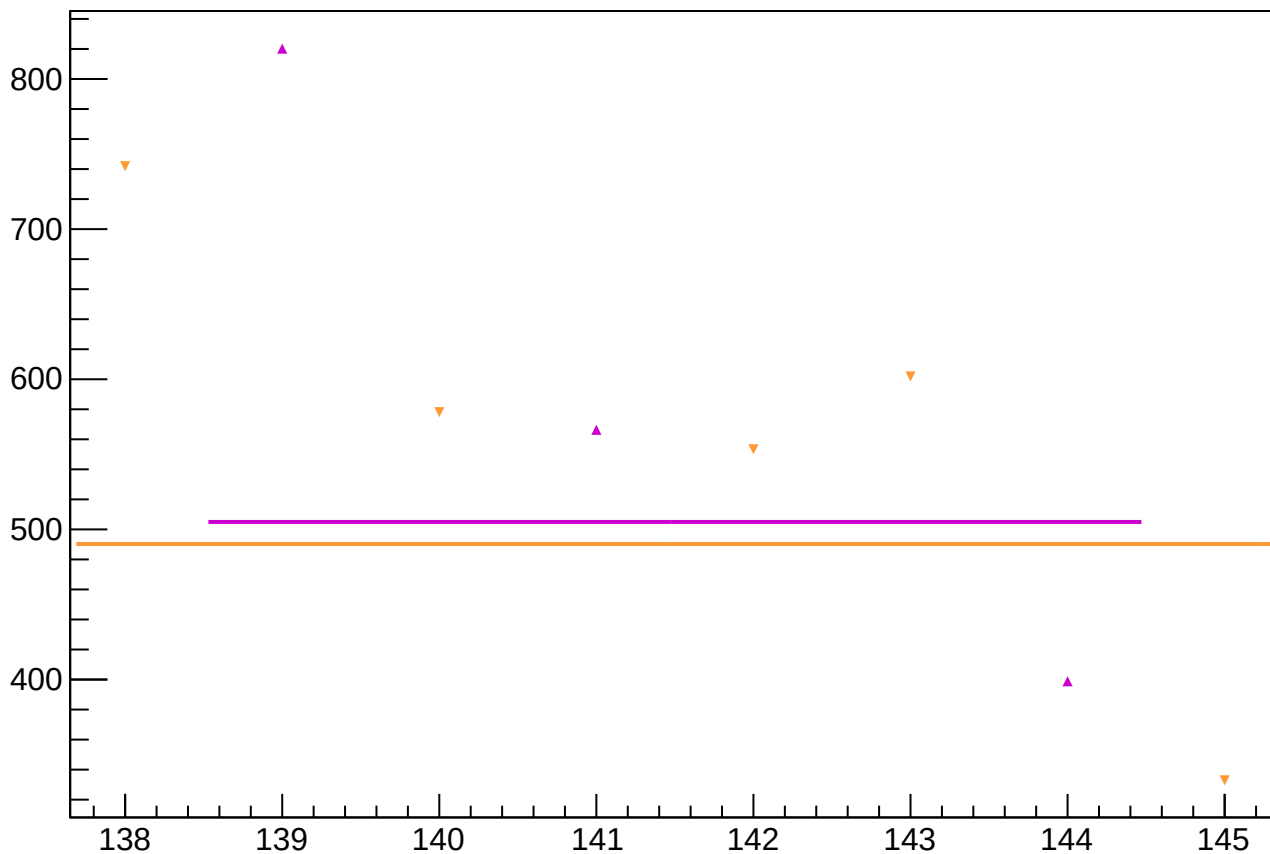
Left In: -90.368 $\pm$ 336.719 χ^2 /NDF:2.4/2

-350.994 $\pm$ 287.058 χ^2 /NDF: 10.6/4

-241.300 $\pm$ 218.449 χ^2 /NDF: 13.4/7

-90.368 $\pm$ 336.719 χ^2 /NDF: 2.4/2

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 490.255+/-0.203 χ^2/NDF : 518301.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

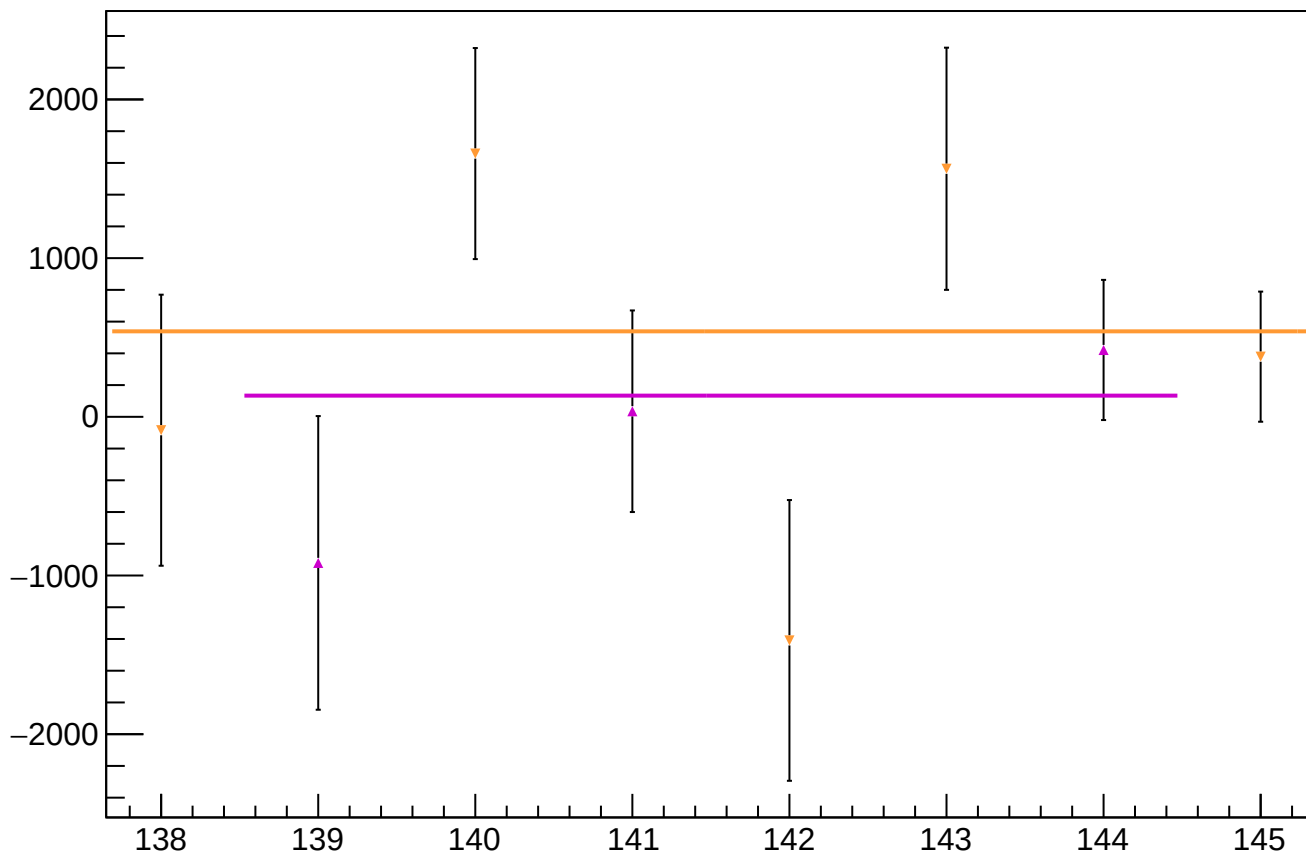
Left In: 504.965+/-0.238 χ^2/NDF : 368230.0/2

490.255+/-0.203 χ^2/NDF : 518301.5/4

496.447+/-0.154 χ^2/NDF : 888741.9/7

504.965+/-0.238 χ^2/NDF : 368230.0/2

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 538.698+/-281.997 χ^2/NDF : 10.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

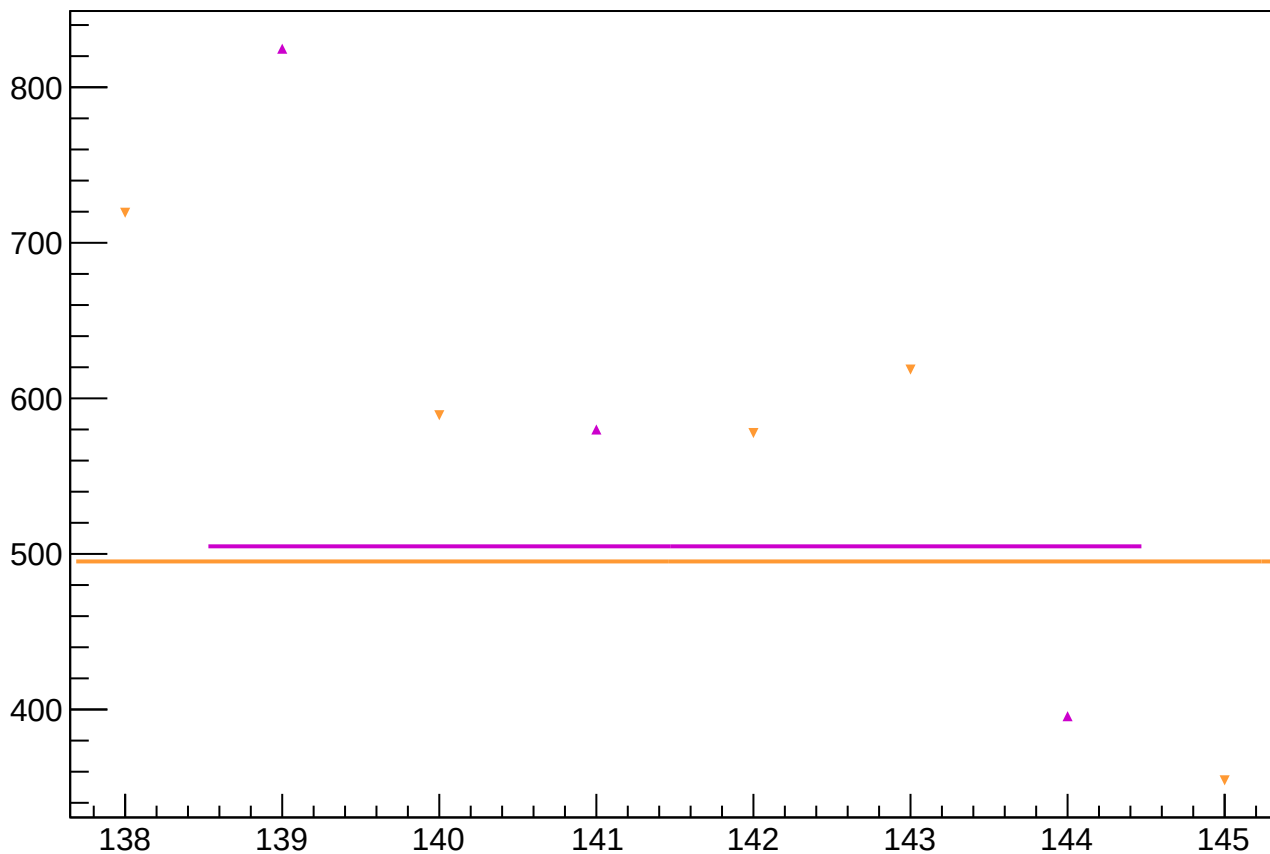
Left In: 133.546+/-337.622 χ^2/NDF : 1.7/2

538.698+/-281.997 χ^2/NDF : 10.2/4

372.203+/-216.432 χ^2/NDF : 12.8/7

133.546+/-337.622 χ^2/NDF : 1.7/2

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 495.169+/-0.199 χ^2/NDF : 482945.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

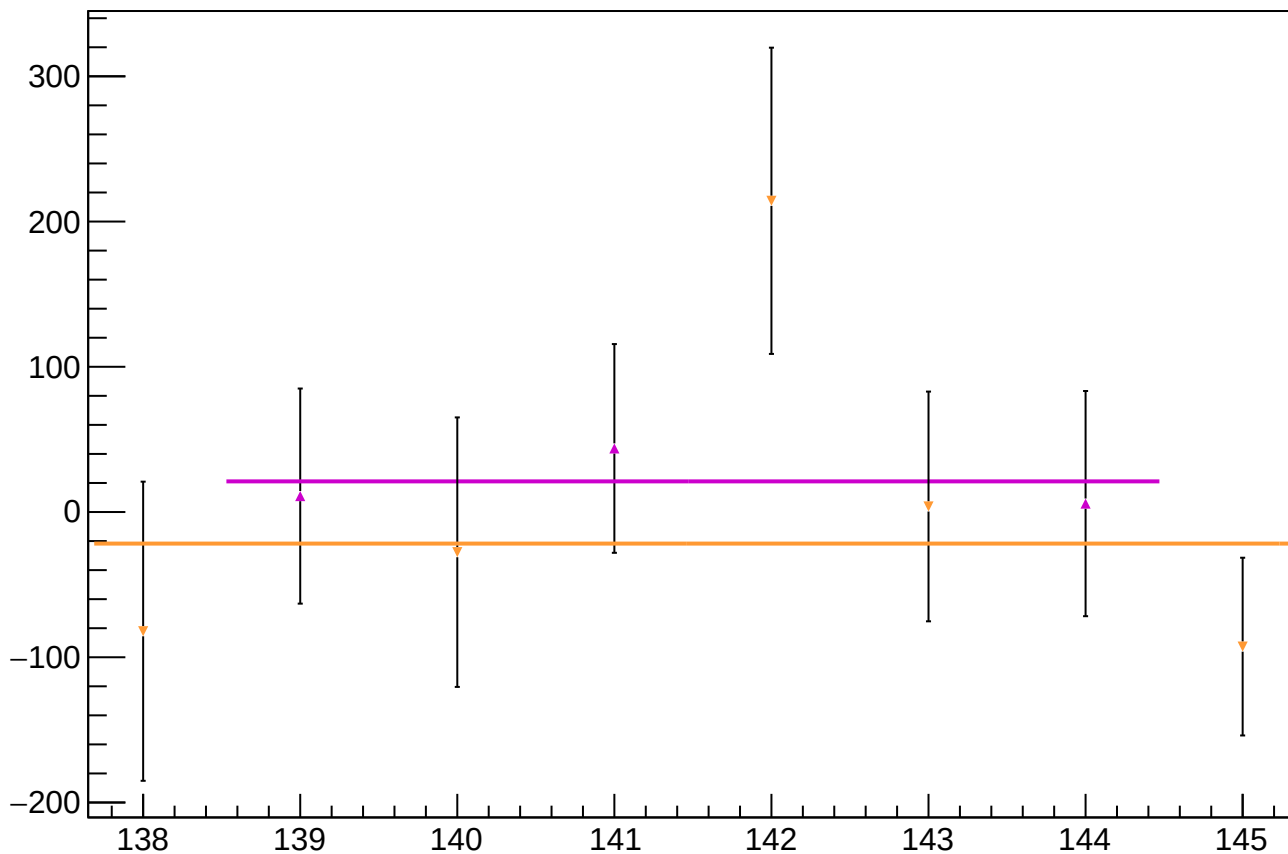
Left In: 504.882+/-0.239 χ^2/NDF : 389300.9/2

495.169+/-0.199 χ^2/NDF : 482945.4/4

499.161+/-0.153 χ^2/NDF : 873221.4/7

504.882+/-0.239 χ^2/NDF : 389300.9/2

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.733+/-37.079 χ^2/NDF : 6.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

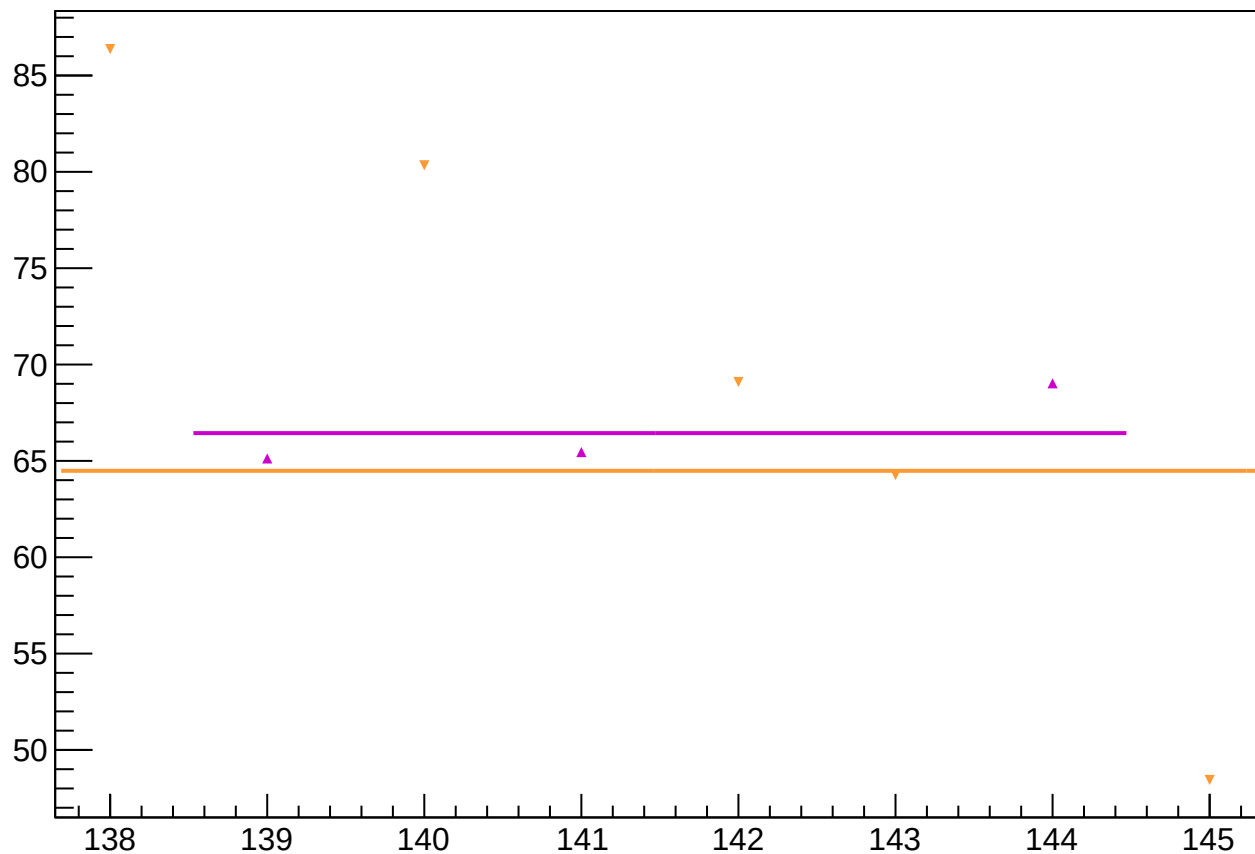
Left In: 21.100+/-42.939 χ^2/NDF : 0.2/2

-21.733+/-37.079 χ^2/NDF : 6.8/4

-3.437+/-28.064 χ^2/NDF : 7.5/7

21.100+/-42.939 χ^2/NDF : 0.2/2

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 64.485+/-0.026 χ^2/NDF : 290054.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

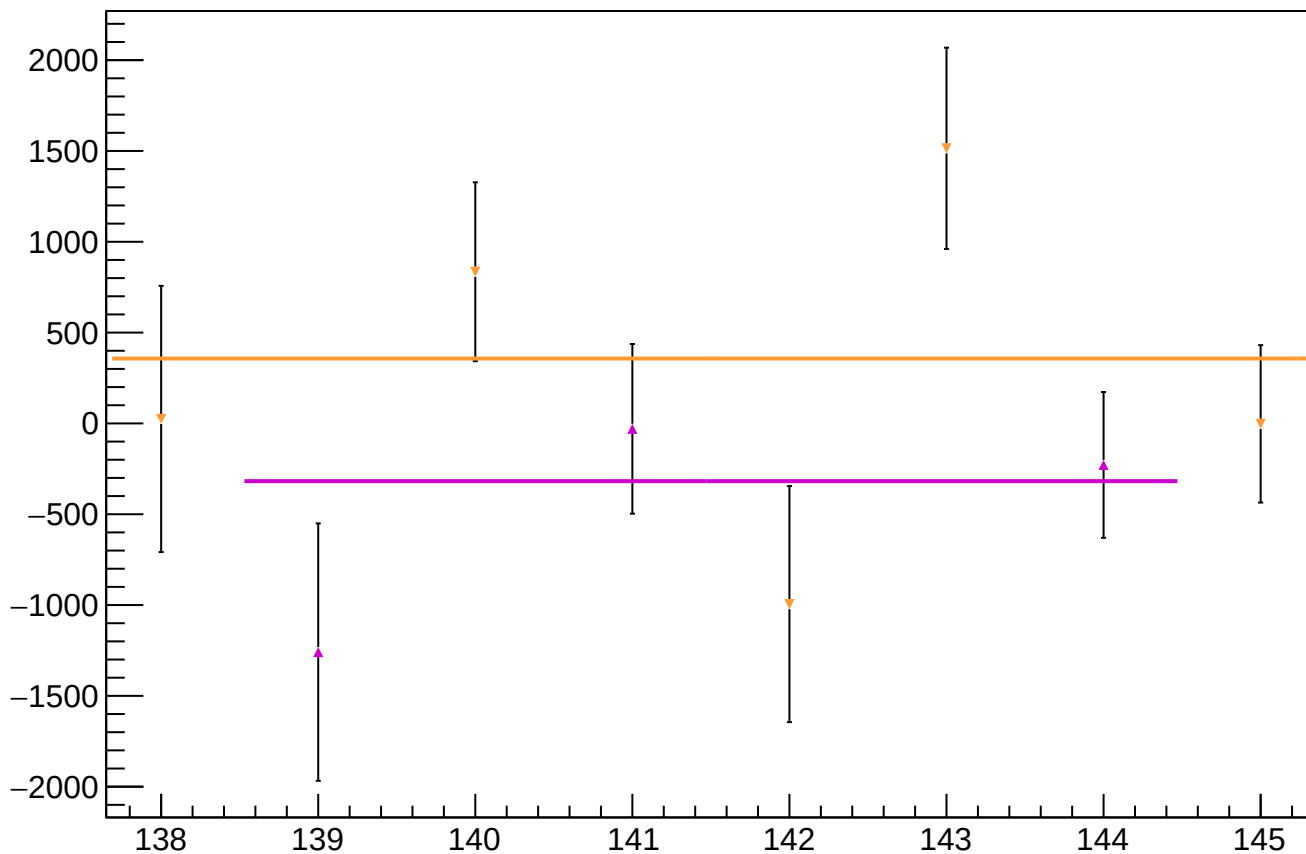
Left In: 66.441+/-0.030 χ^2/NDF : 3226.9/2

64.485+/-0.026 χ^2/NDF : 290054.8/4

65.321+/-0.020 χ^2/NDF : 295659.5/7

66.441+/-0.030 χ^2/NDF : 3226.9/2

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: 357.326+/-242.974 χ^2/NDF : 10.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

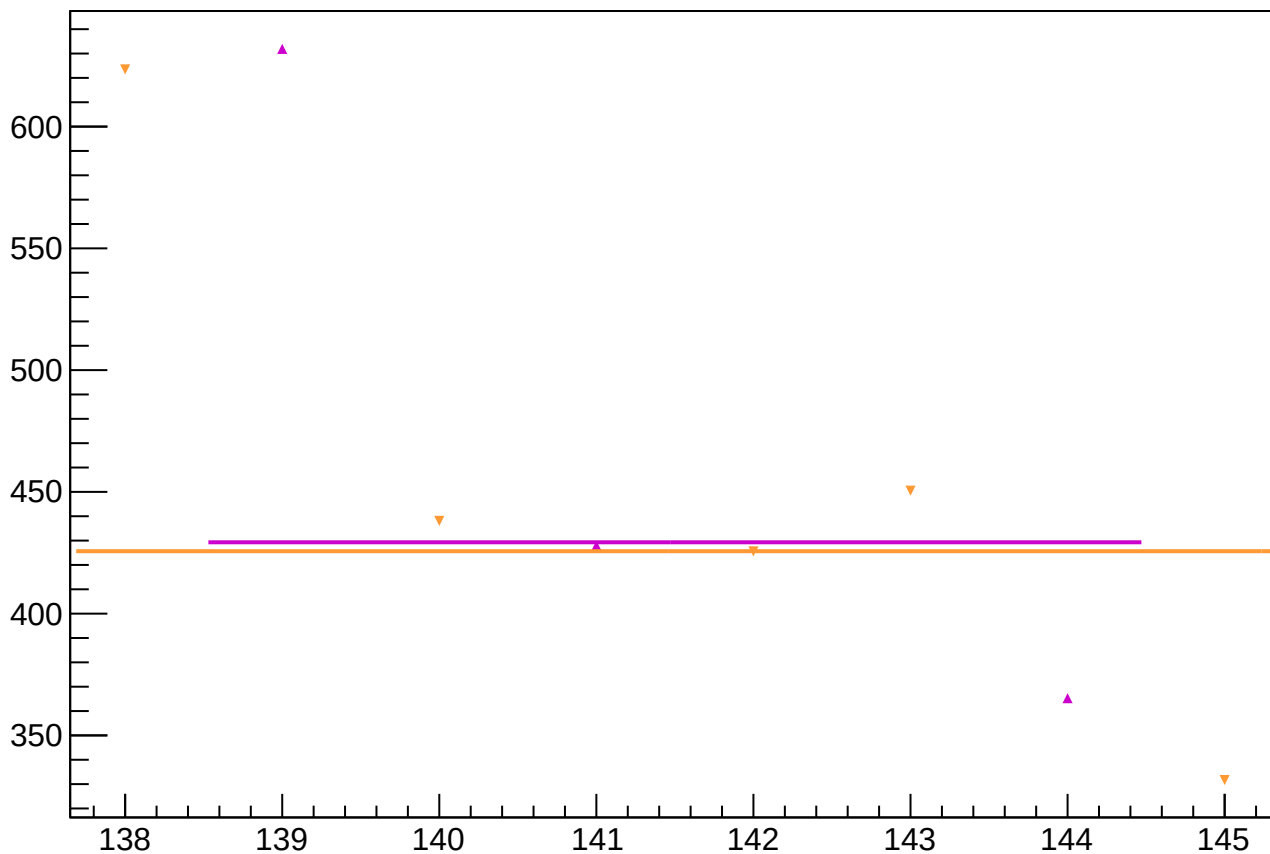
Left In: -317.884+/-279.727 χ^2/NDF : 2.2/2

357.326+/-242.974 χ^2/NDF : 10.5/4

66.964+/-183.436 χ^2/NDF : 16.0/7

-317.884+/-279.727 χ^2/NDF : 2.2/2

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 425.640 ± 0.172 $\chi^2/\text{NDF}: 245164.1/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

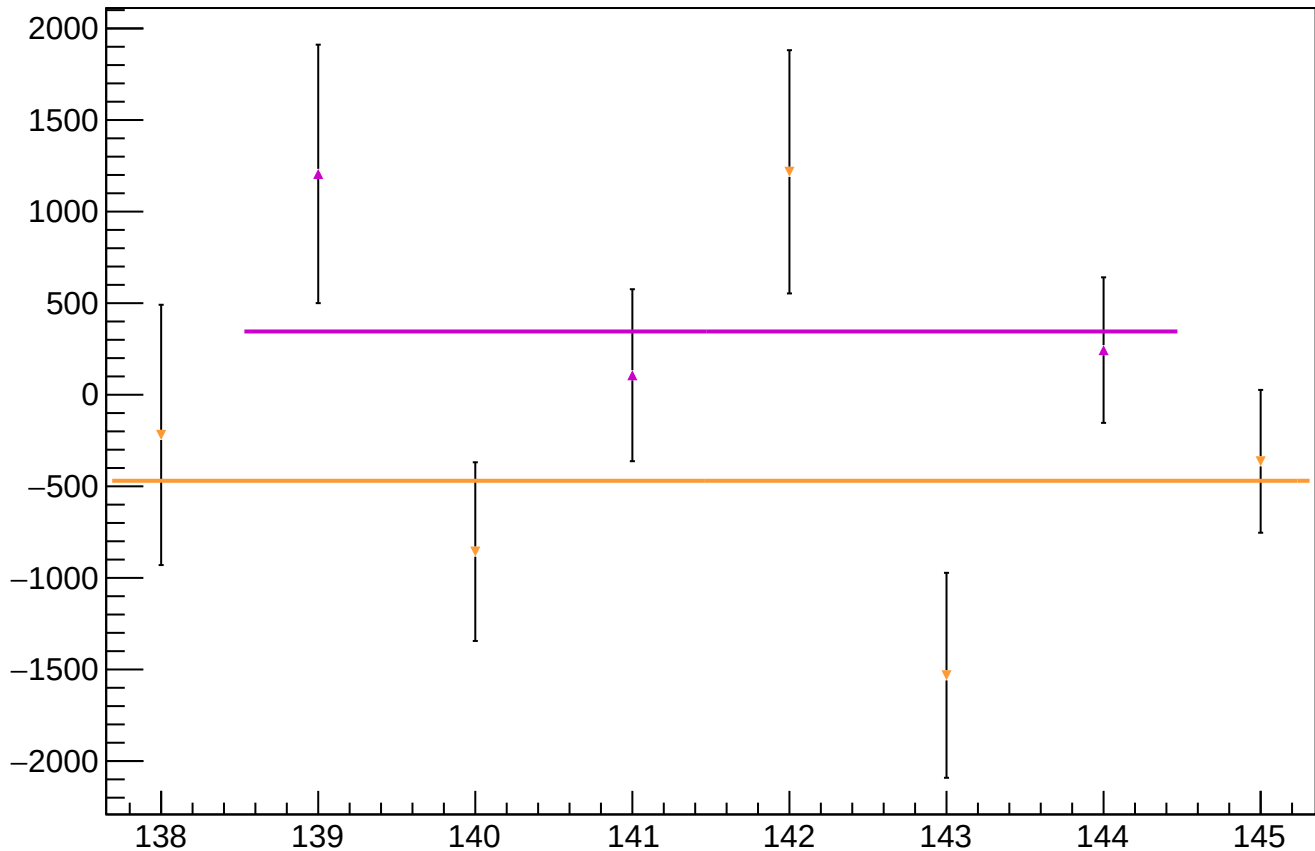
Left In: 429.301 ± 0.198 $\chi^2/\text{NDF}: 214391.6/2$

425.640 ± 0.172 $\chi^2/\text{NDF}: 245164.1/4$

427.215 ± 0.130 $\chi^2/\text{NDF}: 459751.0/7$

429.301 ± 0.198 $\chi^2/\text{NDF}: 214391.6/2$

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -469.597+/-234.258 χ^2/NDF :10.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

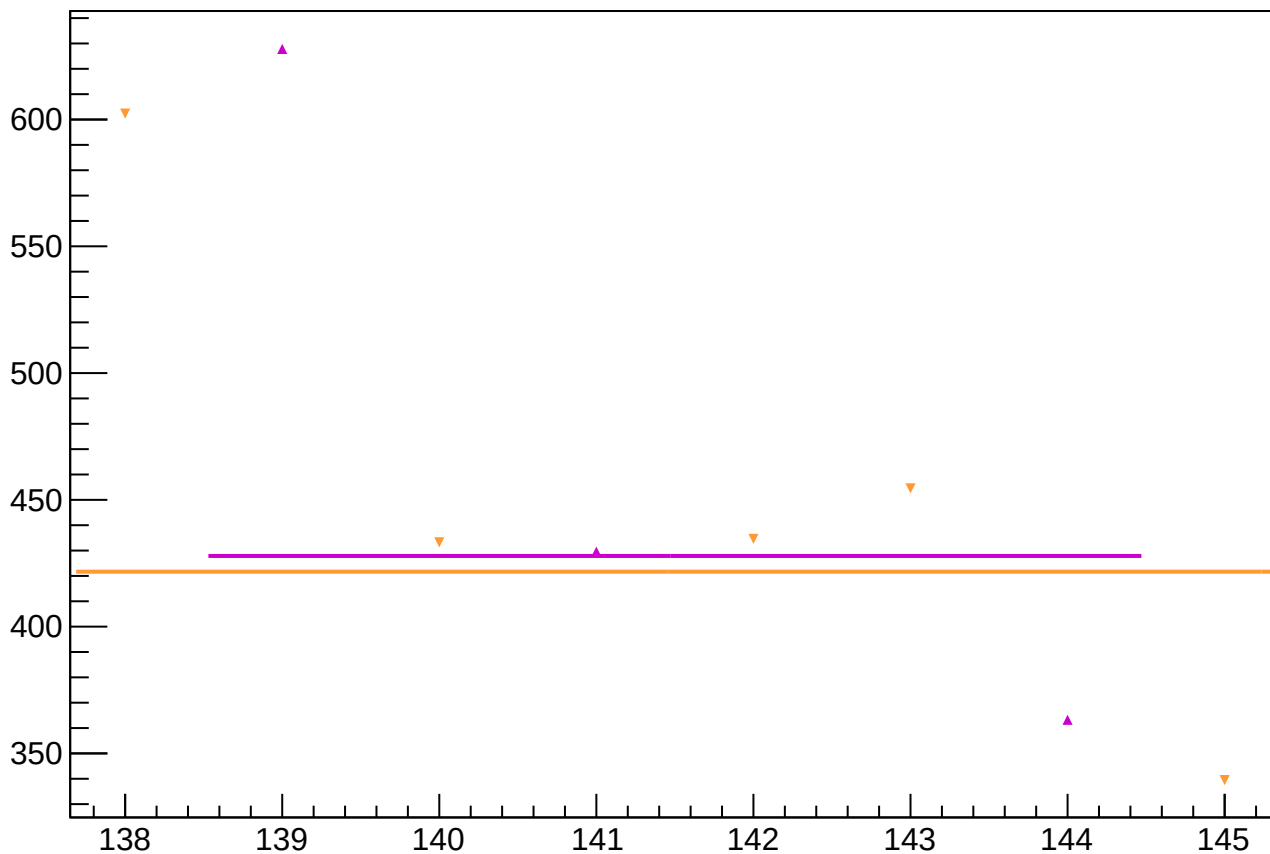
Left In: 345.477+/-278.641 χ^2/NDF :1.8/2

-469.597+/-234.258 χ^2/NDF : 10.9/4

-132.066+/-179.309 χ^2/NDF : 17.7/7

345.477+/-278.641 χ^2/NDF : 1.8/2

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 421.677+/-0.166 χ^2/NDF : 226969.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

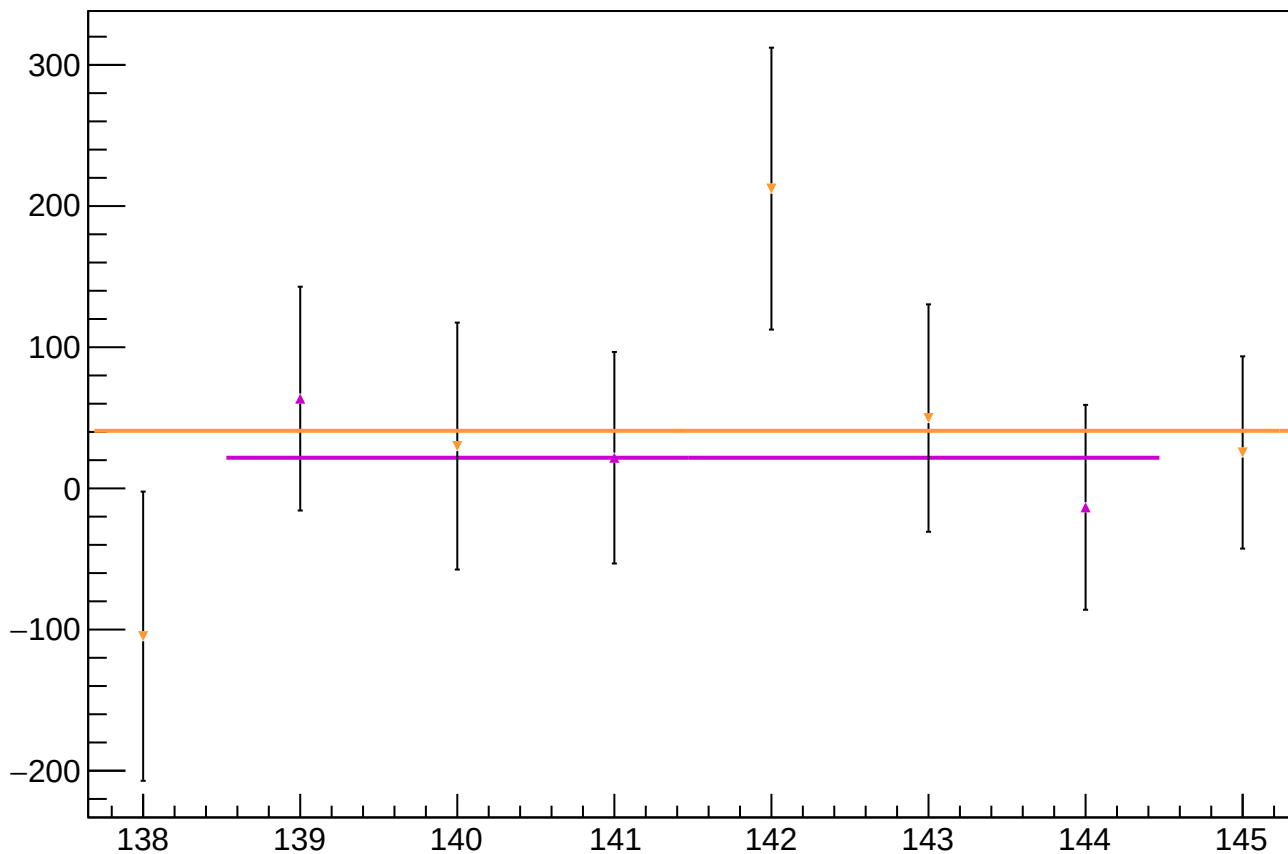
Left In: 427.878+/-0.197 χ^2/NDF : 213540.4/2

421.677+/-0.166 χ^2/NDF : 226969.0/4

424.245+/-0.127 χ^2/NDF : 441089.8/7

427.878+/-0.197 χ^2/NDF : 213540.4/2

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 40.805+/-37.906 χ^2/NDF : 5.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

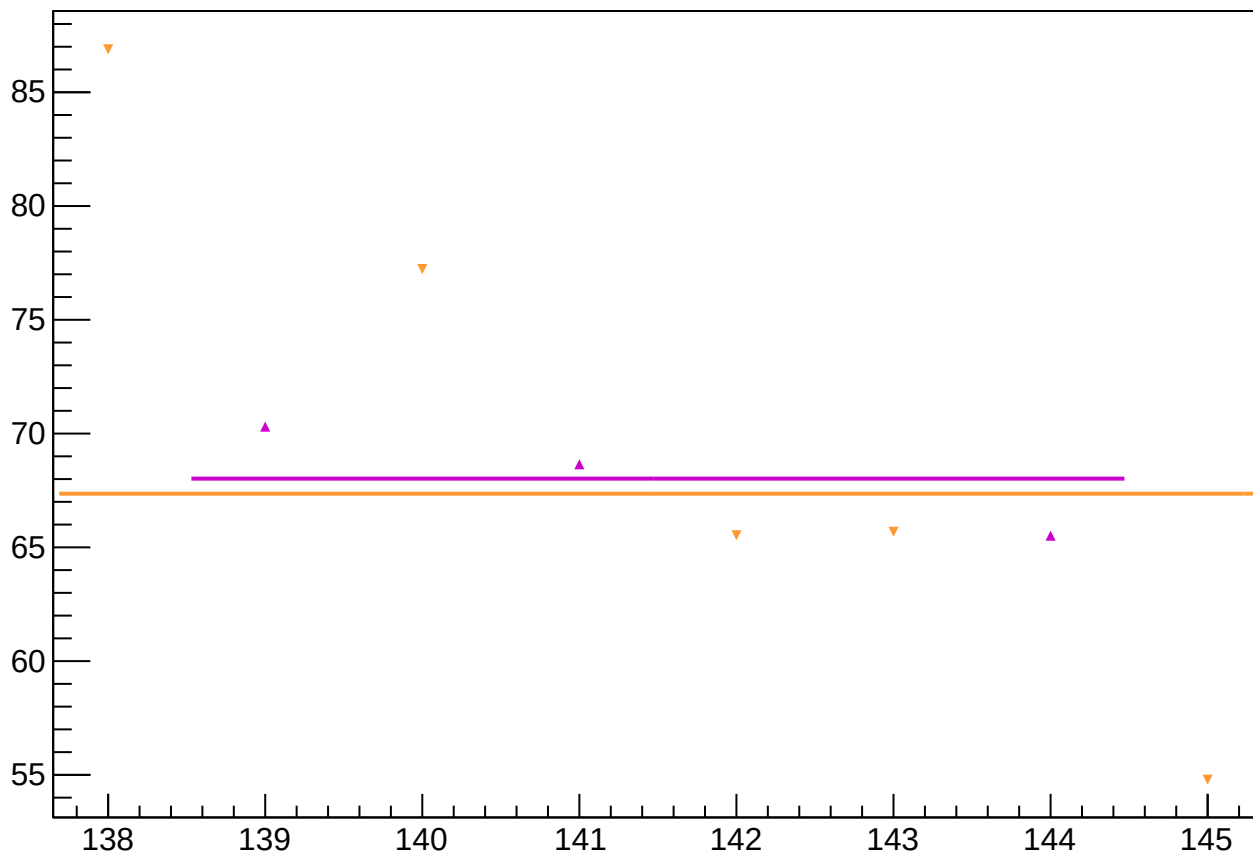
Left In: 21.709+/-43.558 χ^2/NDF : 0.5/2

40.805+/-37.906 χ^2/NDF : 5.0/4

32.575+/-28.594 χ^2/NDF : 5.7/7

21.709+/-43.558 χ^2/NDF : 0.5/2

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 67.358+/-0.027 χ^2/NDF : 167819.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

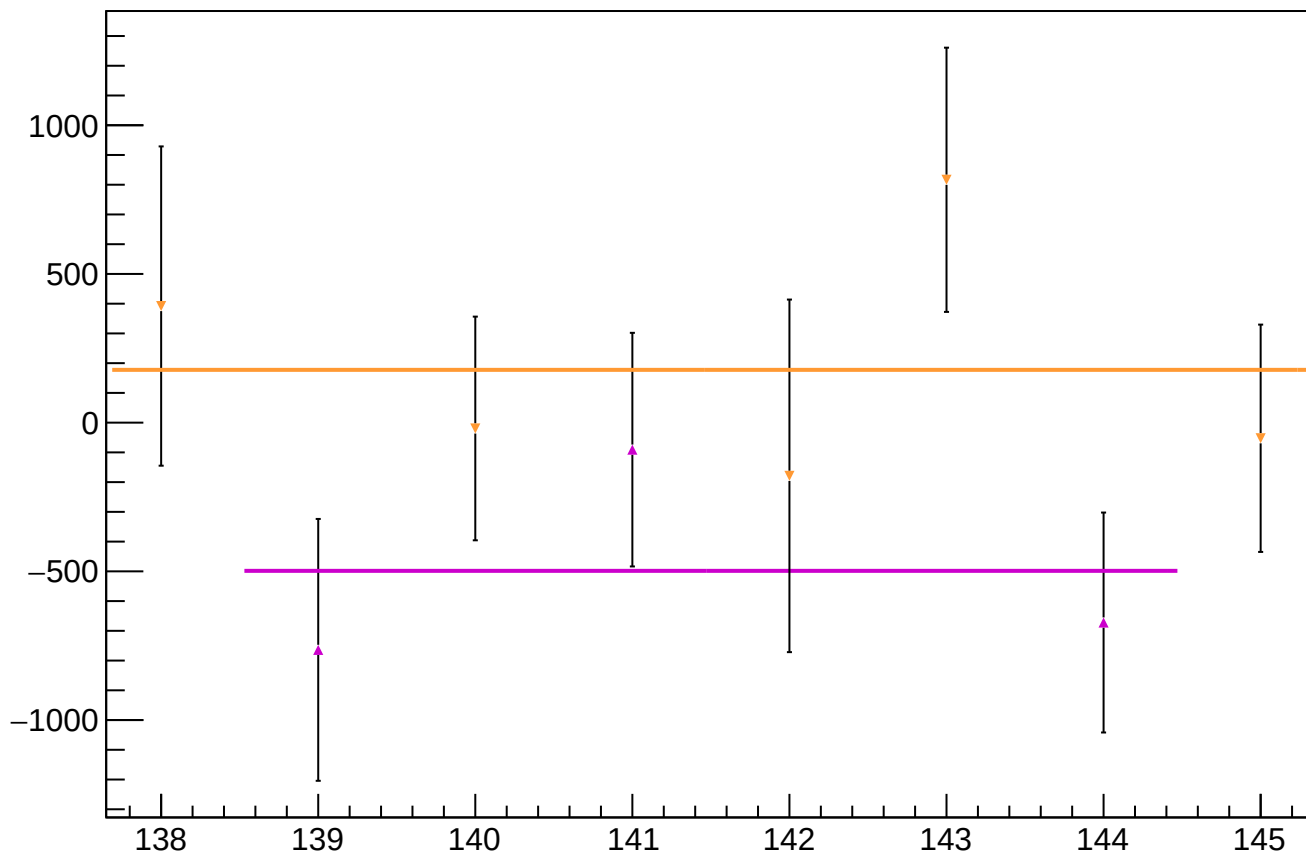
Left In: 68.020+/-0.031 χ^2/NDF : 4191.8/2

67.358+/-0.027 χ^2/NDF : 167819.9/4

67.643+/-0.020 χ^2/NDF : 172274.5/7

68.020+/-0.031 χ^2/NDF : 4191.8/2

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: 177.502 ± 198.802 χ^2/NDF : 3.2/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

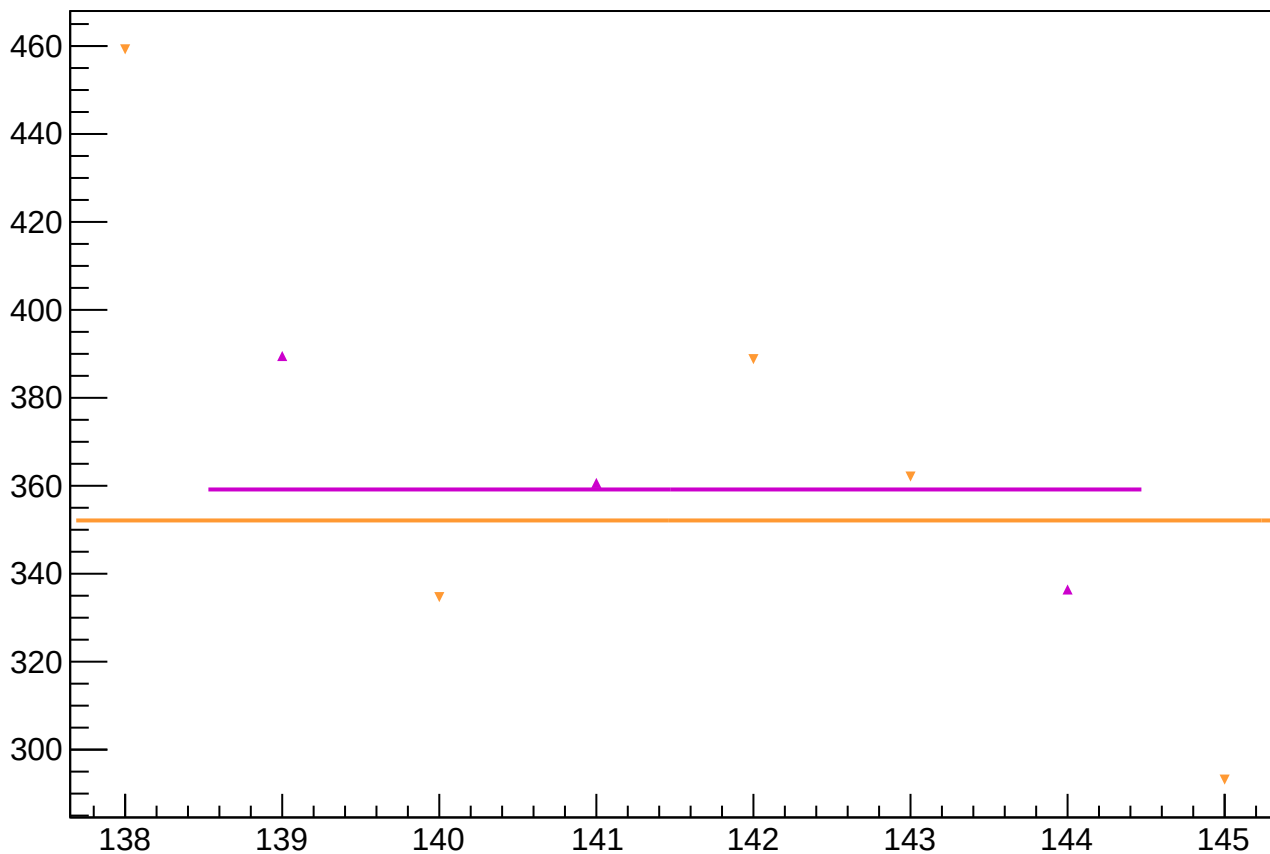
Left In: -498.322 ± 229.682 χ^2/NDF : 1.7/2

177.502 ± 198.802 χ^2/NDF : 3.2/4

-111.957 ± 150.315 χ^2/NDF : 9.8/7

-498.322 ± 229.682 χ^2/NDF : 1.7/2

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: 352.115+/-0.141 χ^2/NDF : 140197.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

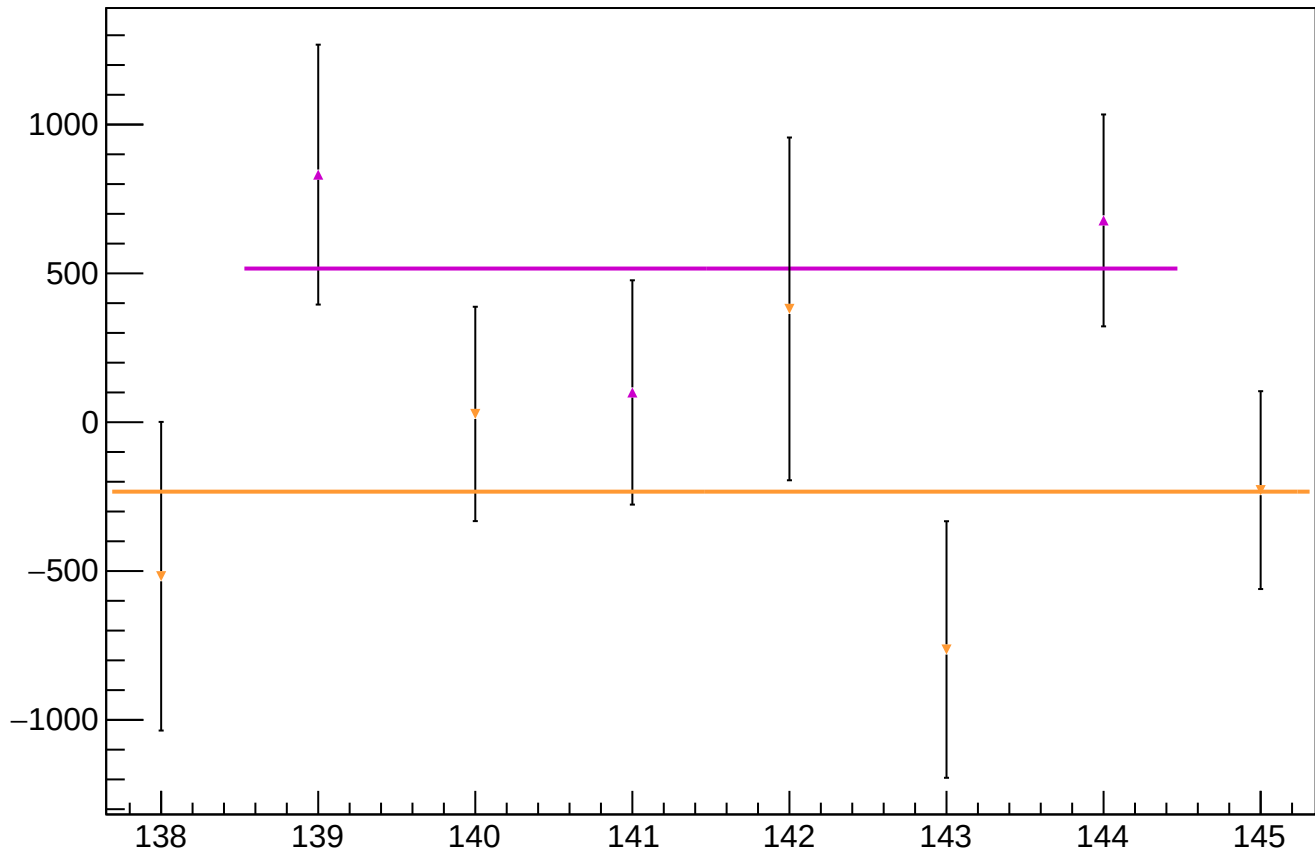
Left In: 359.160+/-0.162 χ^2/NDF : 17100.1/2

352.115+/-0.141 χ^2/NDF : 140197.8/4

355.133+/-0.106 χ^2/NDF : 158373.7/7

359.160+/-0.162 χ^2/NDF : 17100.1/2

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -233.245+/-186.048 χ^2/NDF : 3.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

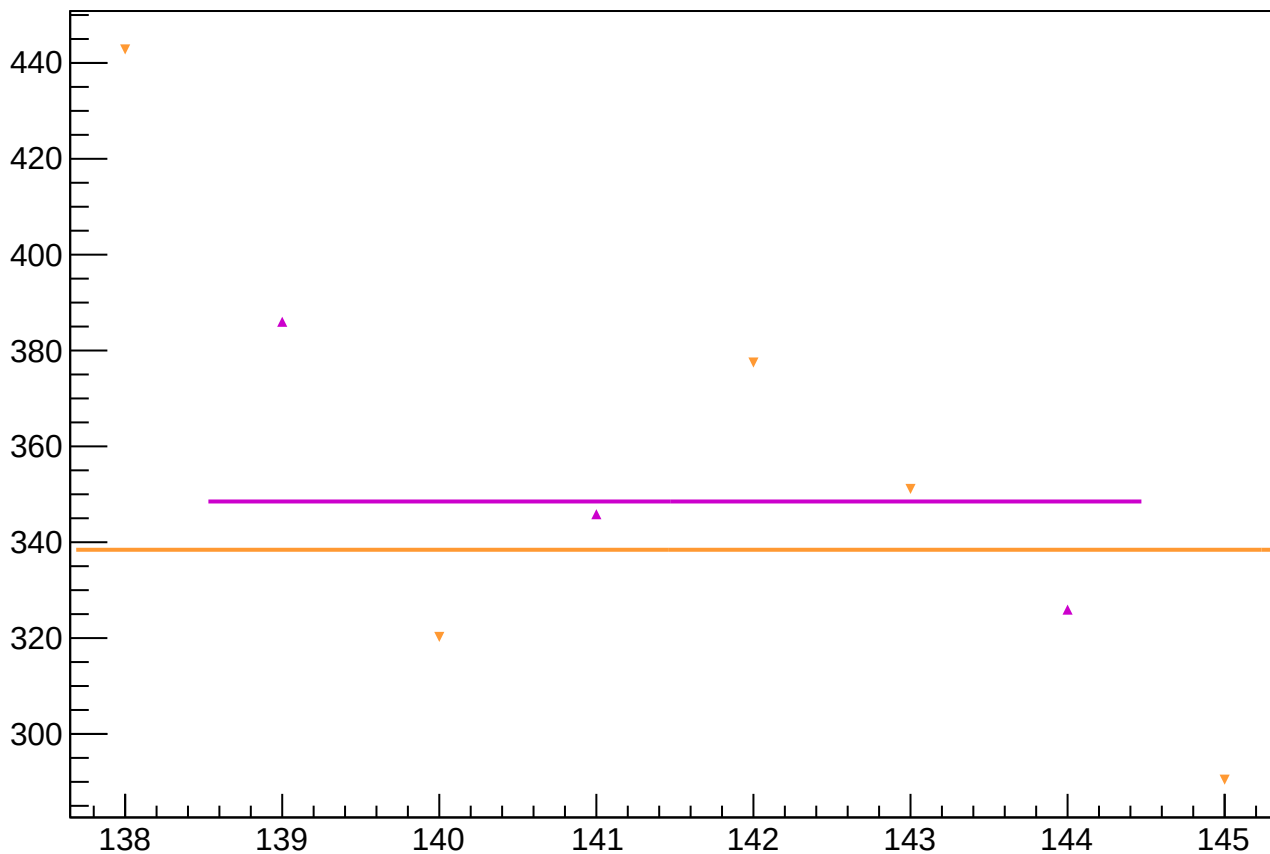
Left In: 516.244+/-222.577 χ^2/NDF : 1.9/2

-233.245+/-186.048 χ^2/NDF : 3.5/4

75.031+/-142.747 χ^2/NDF : 12.1/7

516.244+/-222.577 χ^2/NDF : 1.9/2

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 338.427 $\pm$ 0.132 χ^2 /NDF:138812.8/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

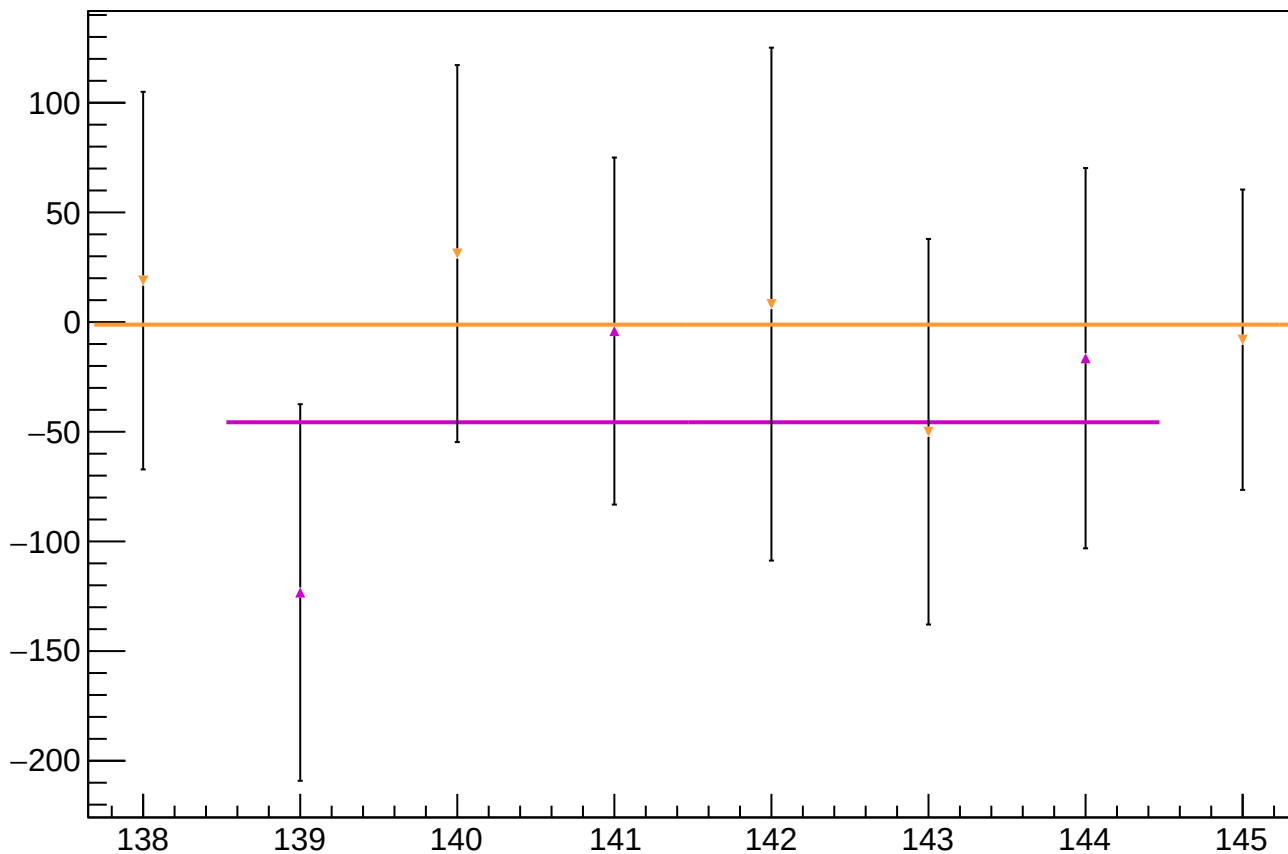
Left In: 348.501 $\pm$ 0.157 χ^2 /NDF:22891.6/2

338.427 $\pm$ 0.132 χ^2 /NDF: 138812.8/4

342.571 $\pm$ 0.101 χ^2 /NDF: 164116.2/7

348.501 $\pm$ 0.157 χ^2 /NDF: 22891.6/2

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.172+/-38.171 χ^2/NDF : 0.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

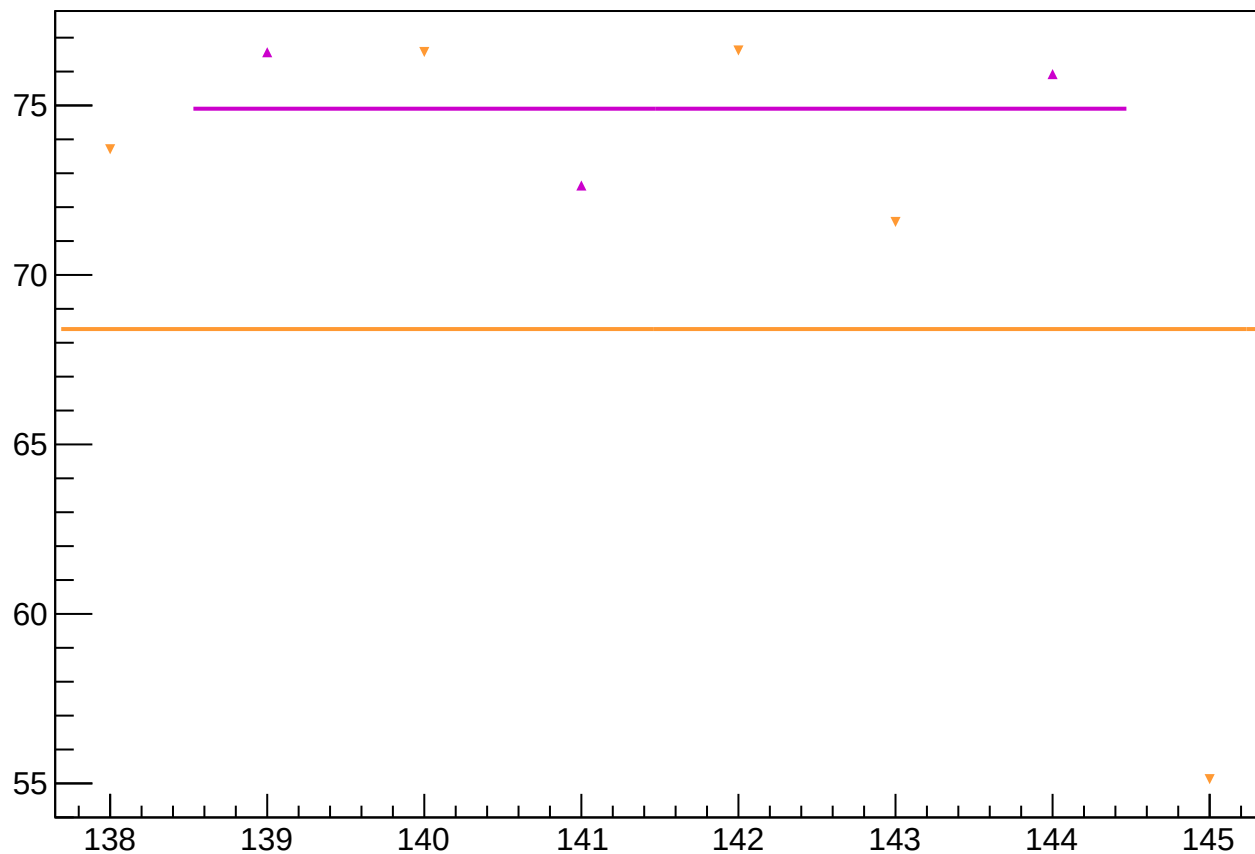
Left In: -45.673+/-48.306 χ^2/NDF : 1.2/2

-1.172+/-38.171 χ^2/NDF : 0.5/4

-18.278+/-29.949 χ^2/NDF : 2.3/7

-45.673+/-48.306 χ^2/NDF : 1.2/2

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 68.404+/-0.027 χ^2/NDF : 113382.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

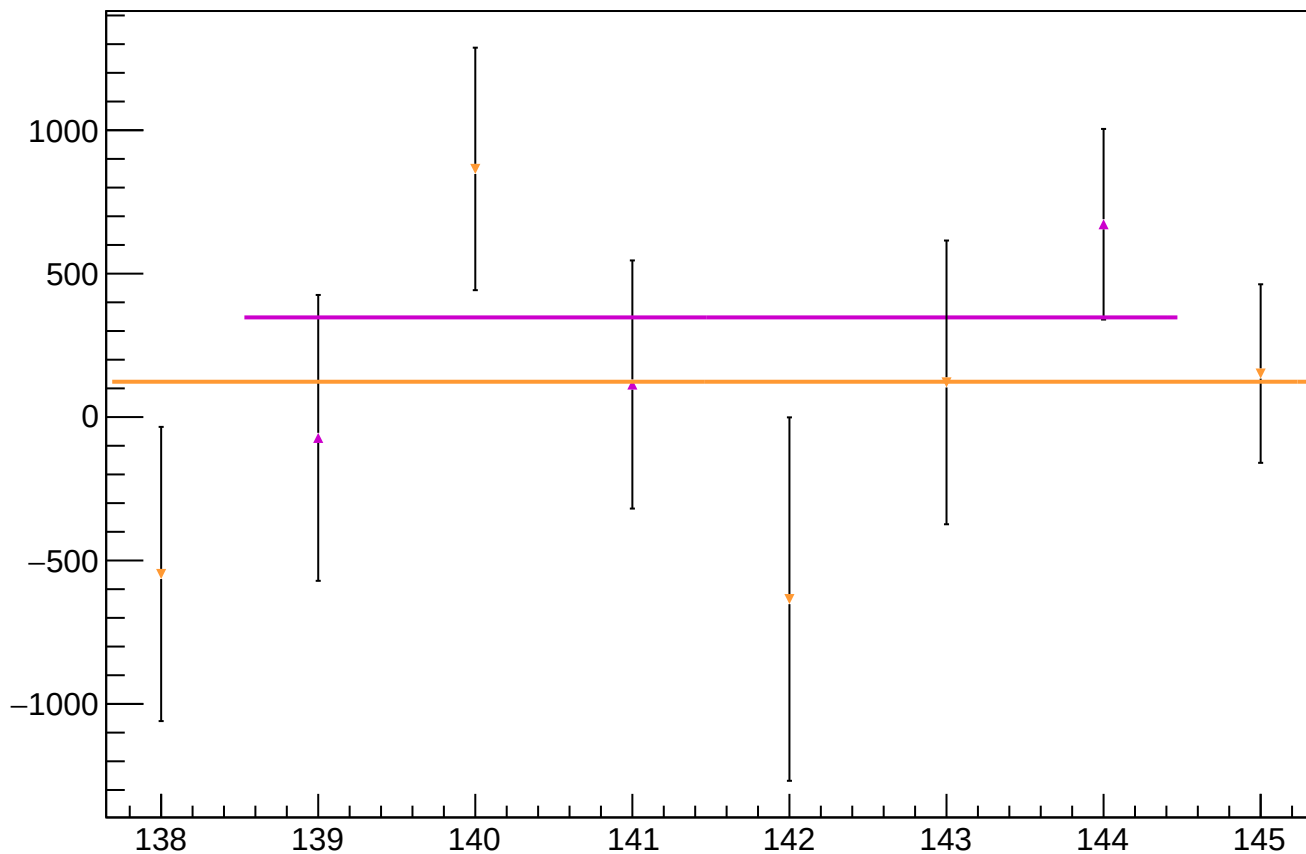
Left In: 74.904+/-0.034 χ^2/NDF : 2671.0/2

68.404+/-0.027 χ^2/NDF : 113382.9/4

70.902+/-0.021 χ^2/NDF : 138351.2/7

74.904+/-0.034 χ^2/NDF : 2671.0/2

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: 123.200+/-194.982 χ^2/NDF : 6.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

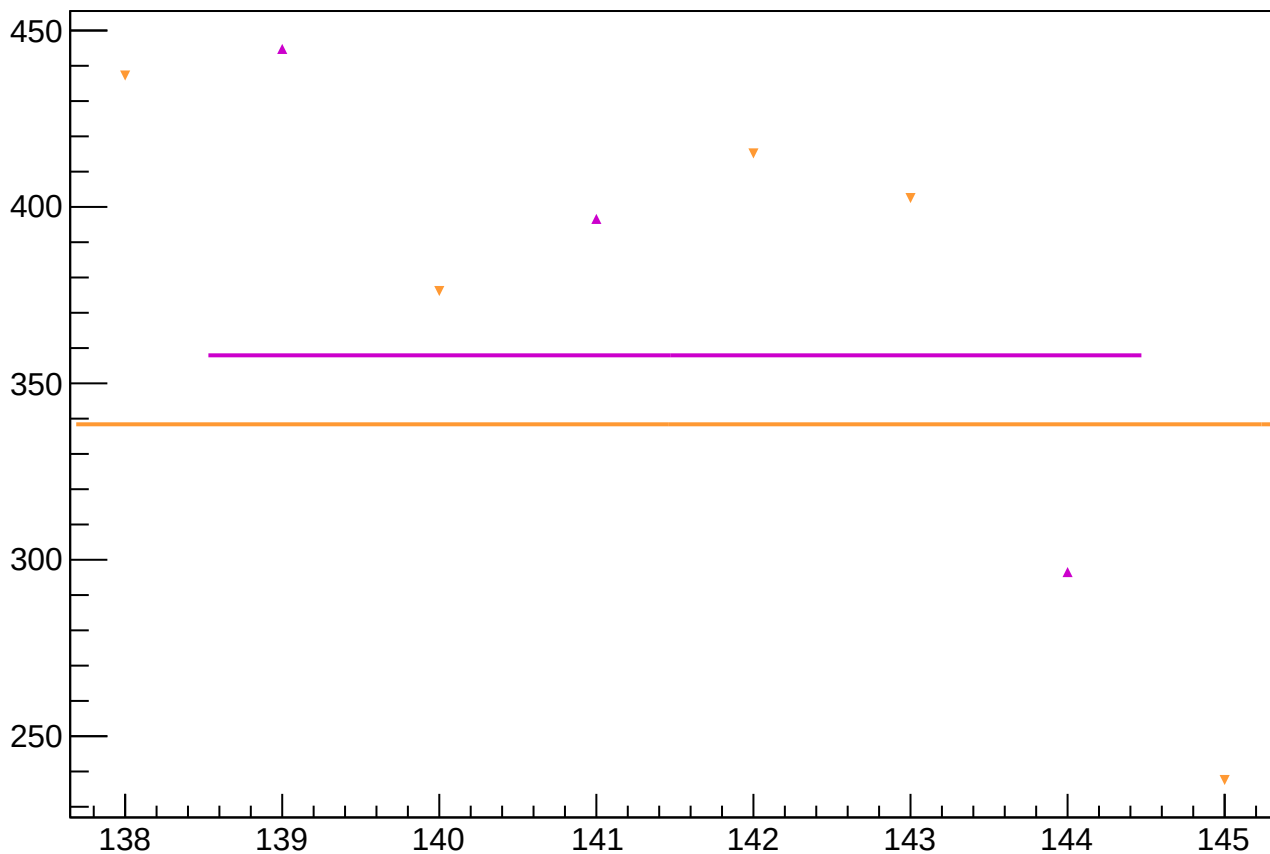
Left In: 347.450+/-232.919 χ^2/NDF : 2.0/2

123.200+/-194.982 χ^2/NDF : 6.2/4

215.598+/-149.510 χ^2/NDF : 8.7/7

347.450+/-232.919 χ^2/NDF : 2.0/2

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: 338.394+/-0.138 χ^2/NDF : 363113.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

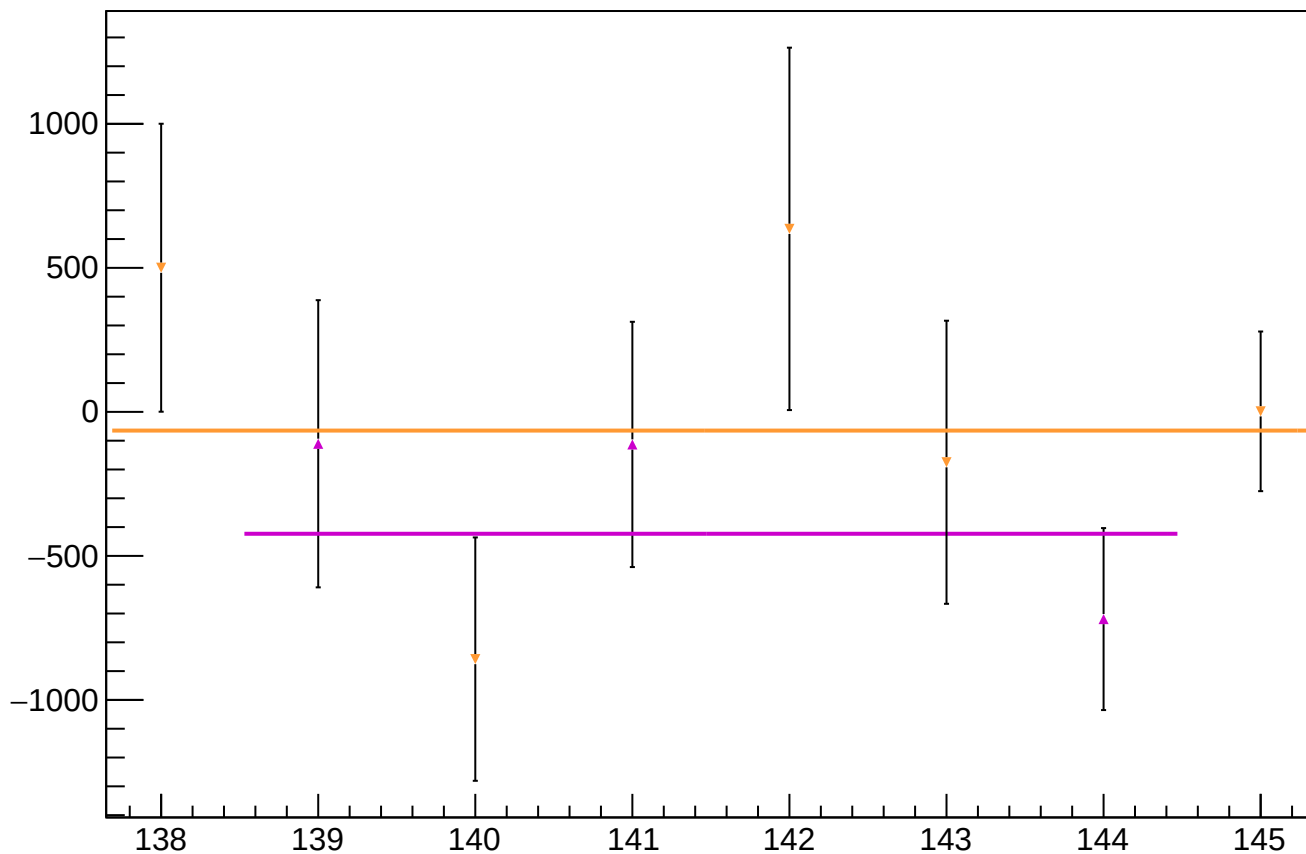
Left In: 357.943+/-0.165 χ^2/NDF : 145097.8/2

338.394+/-0.138 χ^2/NDF : 363113.0/4

346.449+/-0.106 χ^2/NDF : 516494.2/7

357.943+/-0.165 χ^2/NDF : 145097.8/2

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -64.881 ± 184.759 χ^2/NDF : 6.2/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

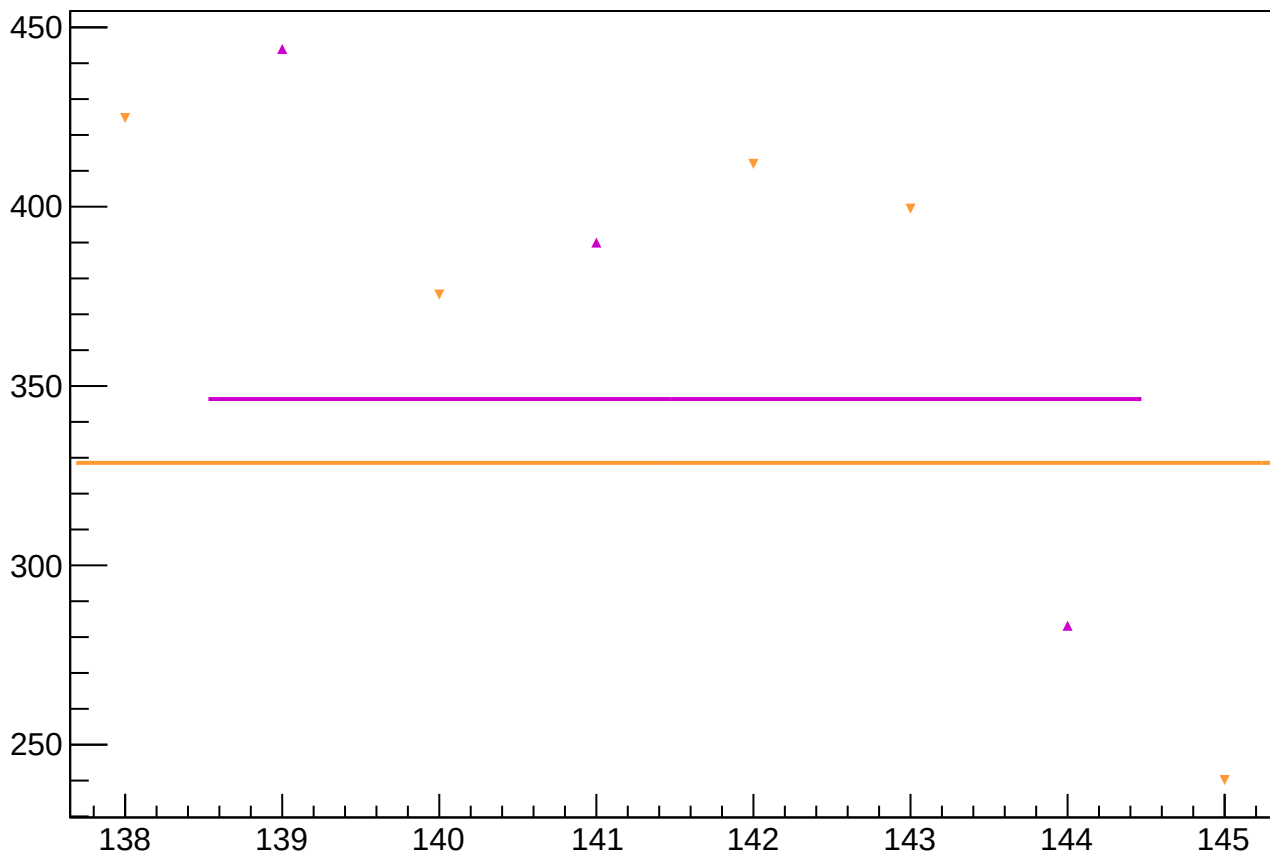
Left In: -423.164 ± 226.091 χ^2/NDF : 1.8/2

-64.881 ± 184.759 χ^2/NDF : 6.2/4

-208.340 ± 143.065 χ^2/NDF : 9.5/7

-423.164 ± 226.091 χ^2/NDF : 1.8/2

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 328.578+/-0.131 χ^2/NDF : 379092.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

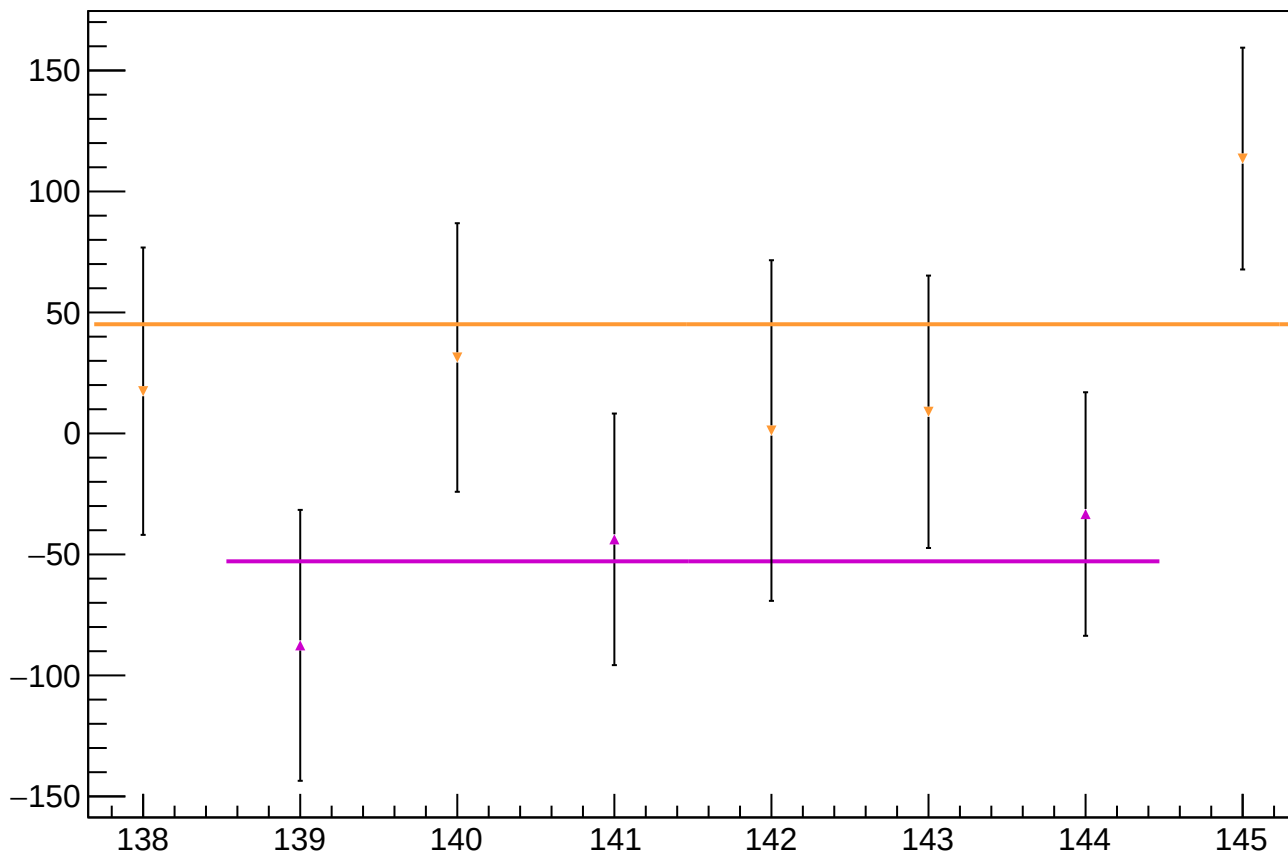
Left In: 346.369+/-0.160 χ^2/NDF : 177766.7/2

328.578+/-0.131 χ^2/NDF : 379092.1/4

335.702+/-0.101 χ^2/NDF : 564284.9/7

346.369+/-0.160 χ^2/NDF : 177766.7/2

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 45.125 $\pm$ 24.986 χ^2 /NDF: 3.3/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

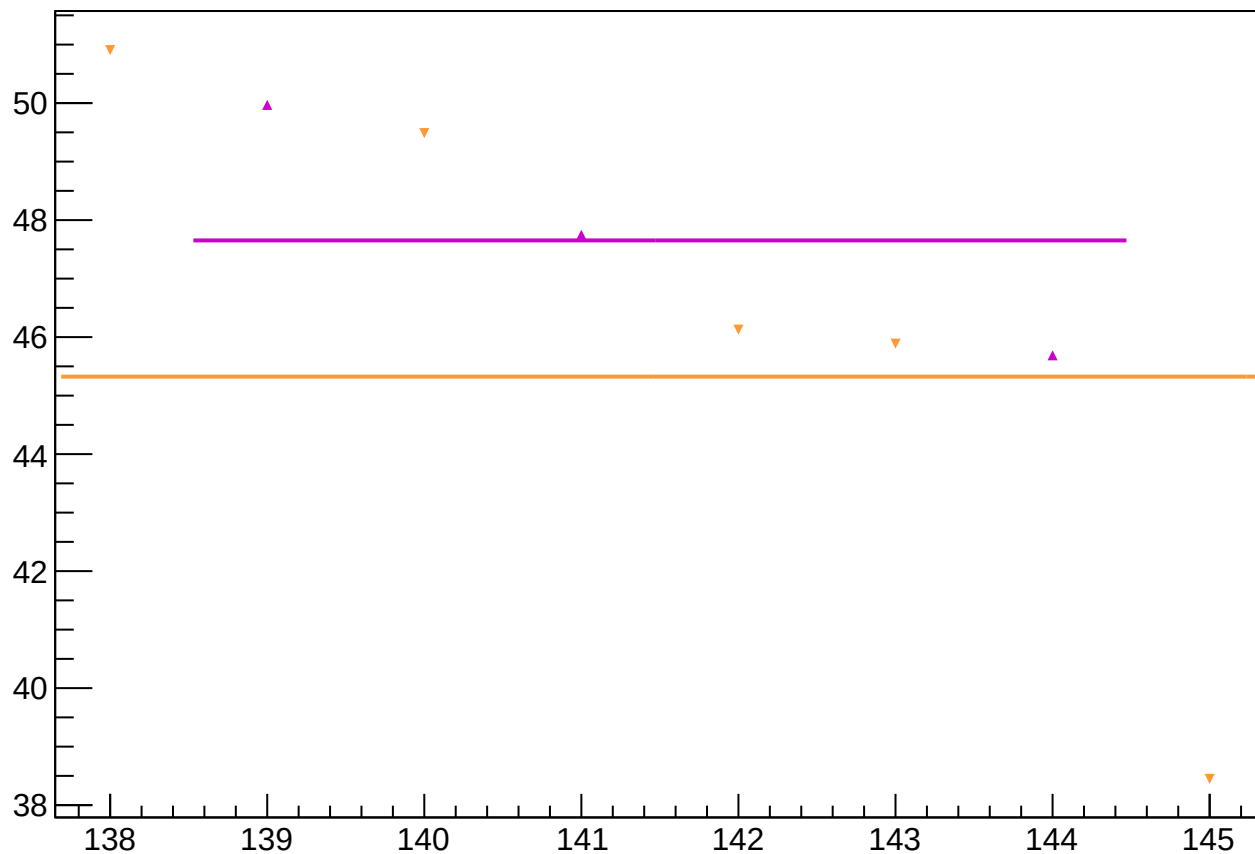
Left In: -52.853 $\pm$ 30.373 χ^2 /NDF: 0.6/2

45.125 $\pm$ 24.986 χ^2 /NDF: 3.3/4

5.580 $\pm$ 19.296 χ^2 /NDF: 10.1/7

-52.853 $\pm$ 30.373 χ^2 /NDF: 0.6/2

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 45.325+/-0.018 χ^2/NDF : 74392.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

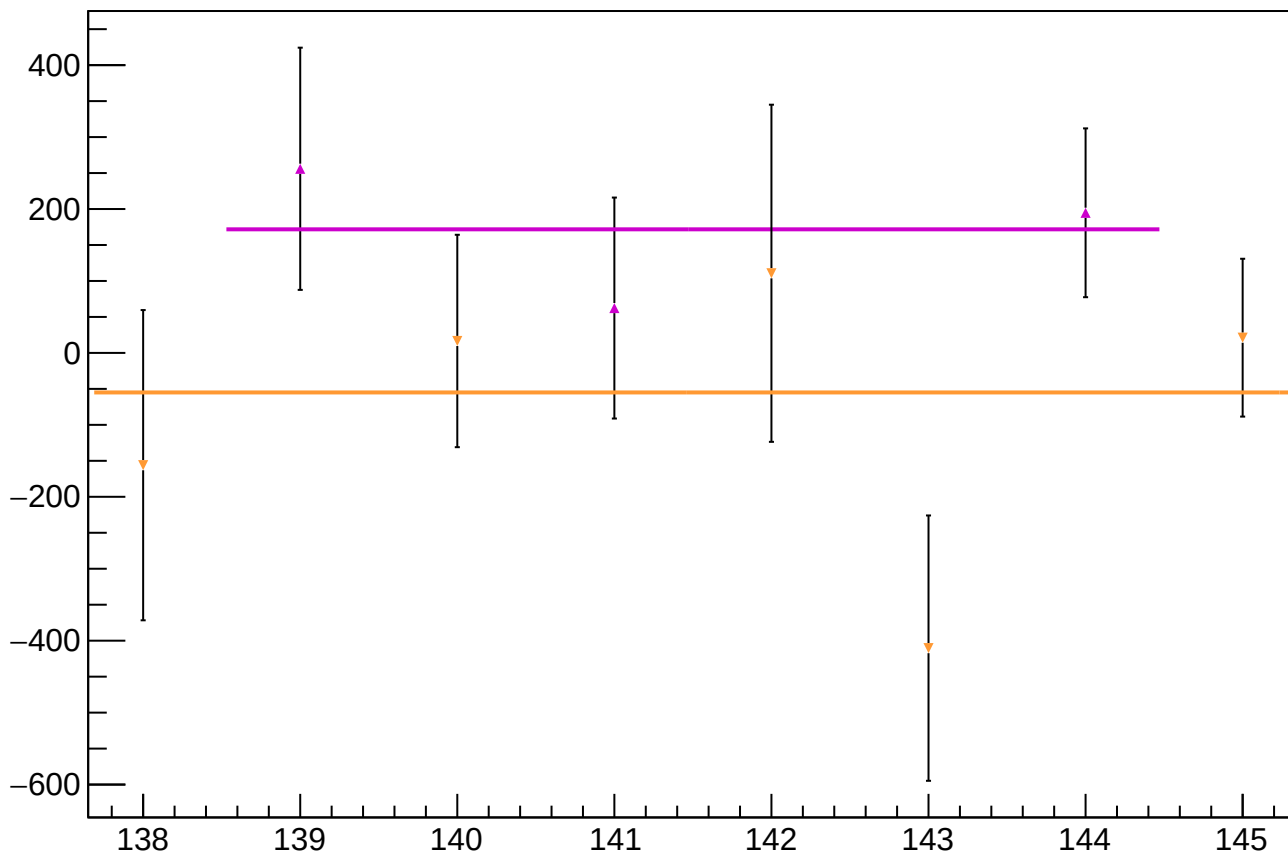
Left In: 47.653+/-0.021 χ^2/NDF : 6478.2/2

45.325+/-0.018 χ^2/NDF : 74392.4/4

46.265+/-0.014 χ^2/NDF : 87877.2/7

47.653+/-0.021 χ^2/NDF : 6478.2/2

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: -54.955+/-71.044 χ^2/NDF : 5.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

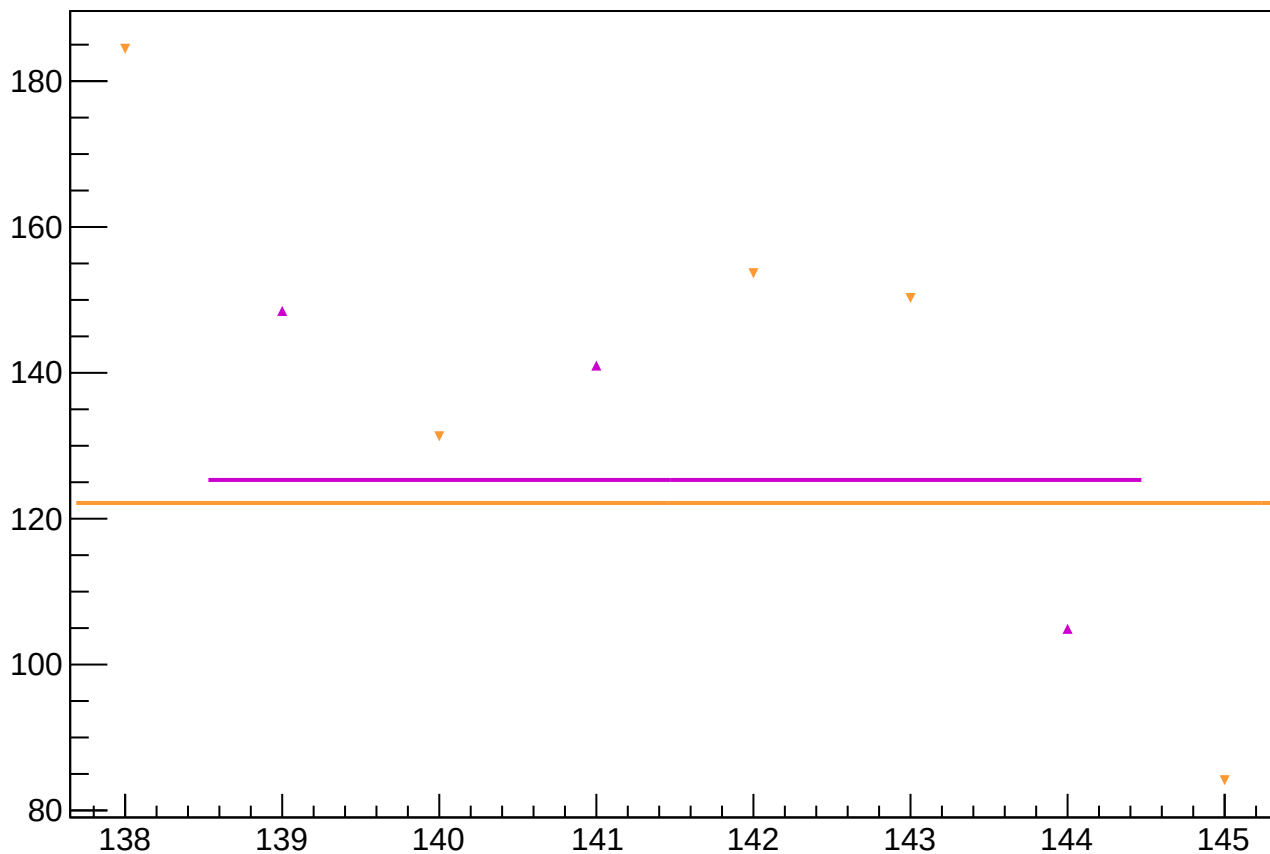
Left In: 171.777+/-81.558 χ^2/NDF : 0.8/2

-54.955+/-71.044 χ^2/NDF : 5.2/4

42.863+/-53.570 χ^2/NDF : 10.3/7

171.777+/-81.558 χ^2/NDF : 0.8/2

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: 122.155+/-0.050 χ^2/NDF : 497389.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

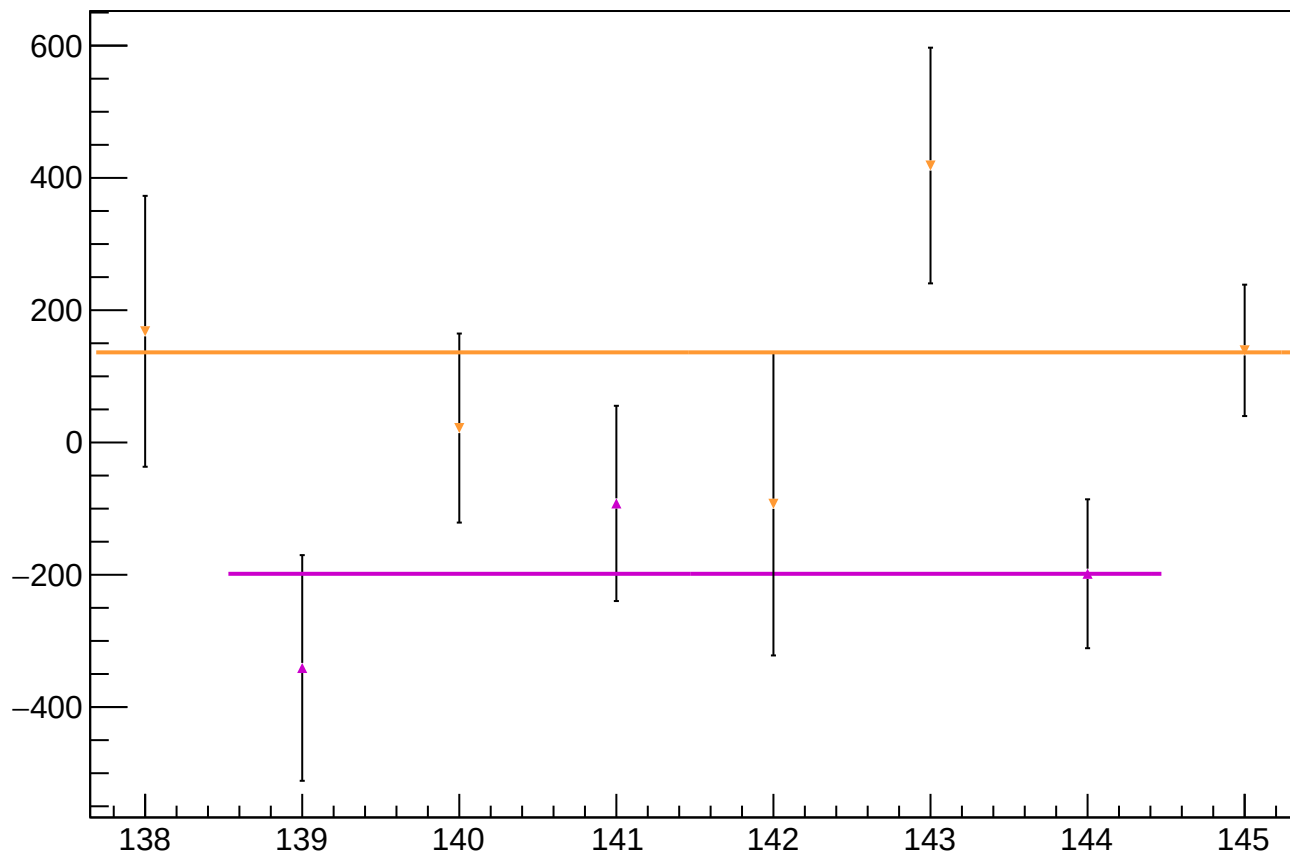
Left In: 125.315+/-0.058 χ^2/NDF : 119297.6/2

122.155+/-0.050 χ^2/NDF : 497389.5/4

123.518+/-0.038 χ^2/NDF : 618394.7/7

125.315+/-0.058 χ^2/NDF : 119297.6/2

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 136.268+/-66.711 χ^2/NDF : 4.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

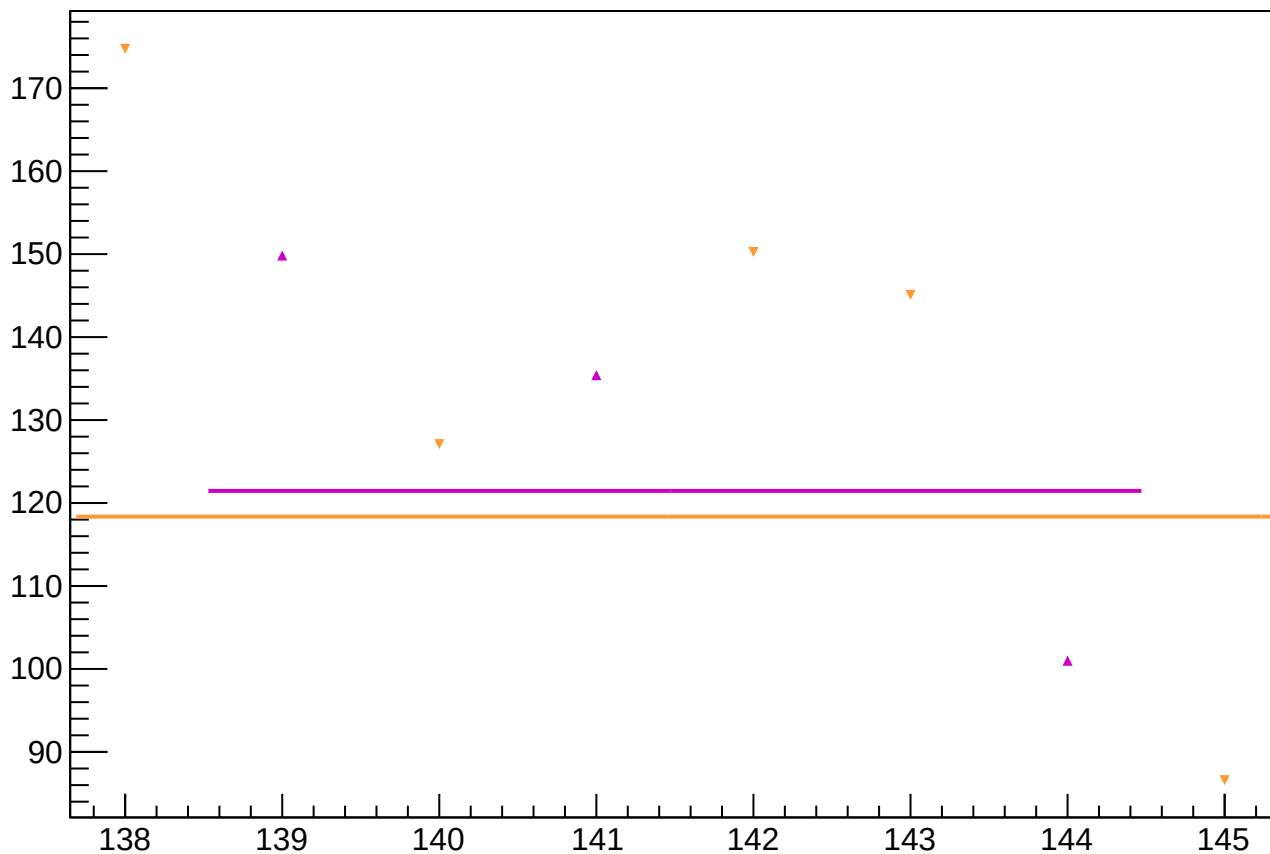
Left In: -198.523+/-79.254 χ^2/NDF : 1.2/2

136.268+/-66.711 χ^2/NDF : 4.2/4

-2.570+/-51.037 χ^2/NDF : 15.8/7

-198.523+/-79.254 χ^2/NDF : 1.2/2

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 118.359+/-0.047 χ^2/NDF : 447379.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

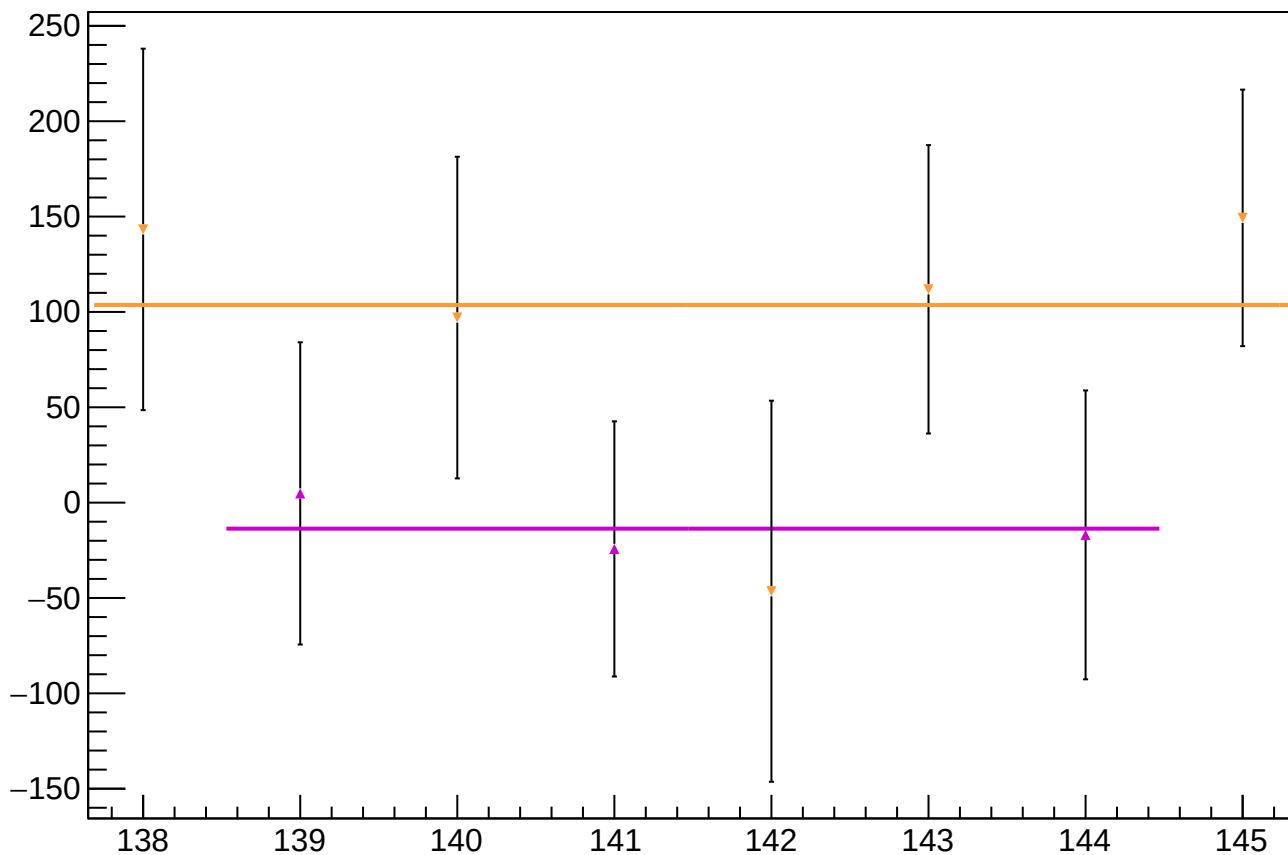
Left In: 121.460+/-0.056 χ^2/NDF : 139335.1/2

118.359+/-0.047 χ^2/NDF : 447379.6/4

119.645+/-0.036 χ^2/NDF : 588507.1/7

121.460+/-0.056 χ^2/NDF : 139335.1/2

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 103.614 $\pm$ 36.562 χ^2 /NDF: 2.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

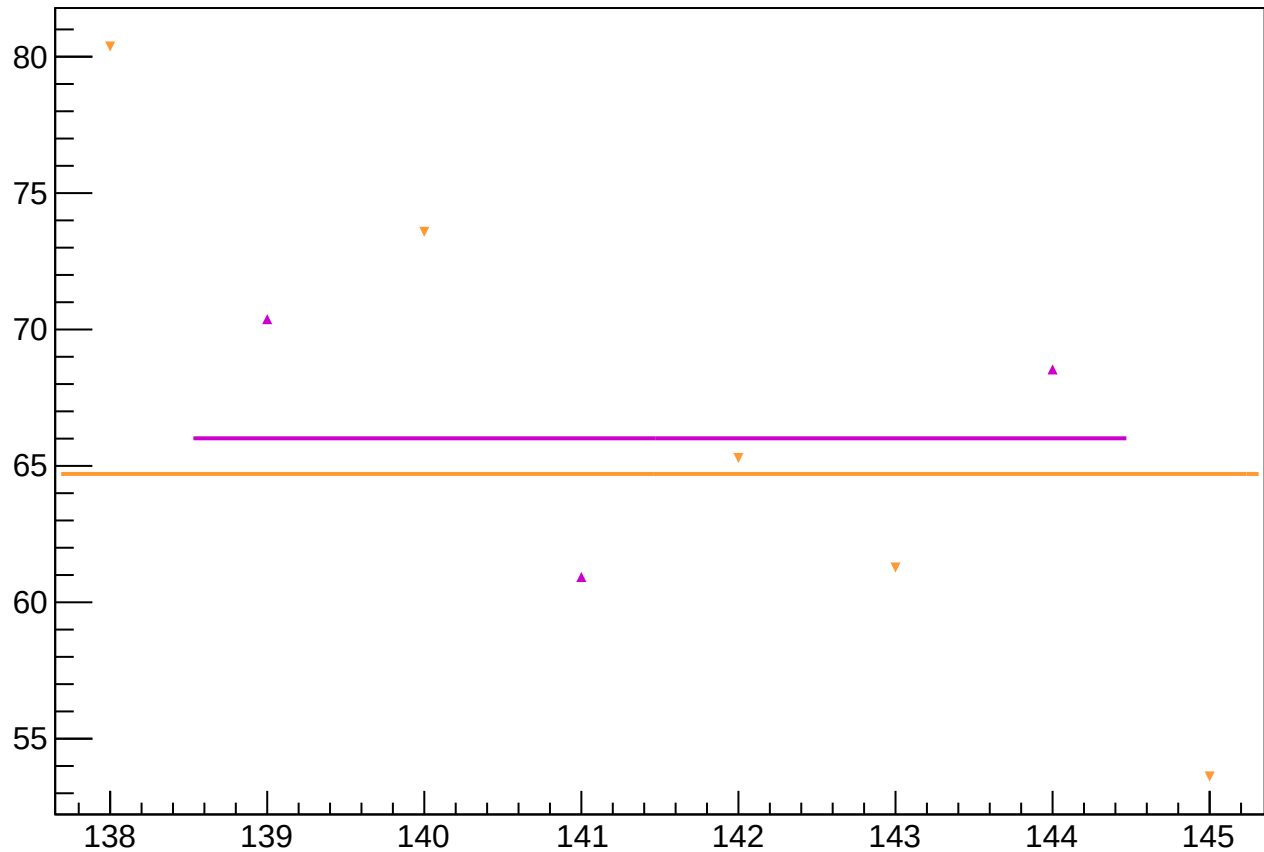
Left In: -13.641 $\pm$ 42.370 χ^2 /NDF: 0.1/2

103.614 $\pm$ 36.562 χ^2 /NDF: 2.9/4

53.568 $\pm$ 27.680 χ^2 /NDF: 7.4/7

-13.641 $\pm$ 42.370 χ^2 /NDF: 0.1/2

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 64.705+/-0.026 χ^2/NDF : 135388.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

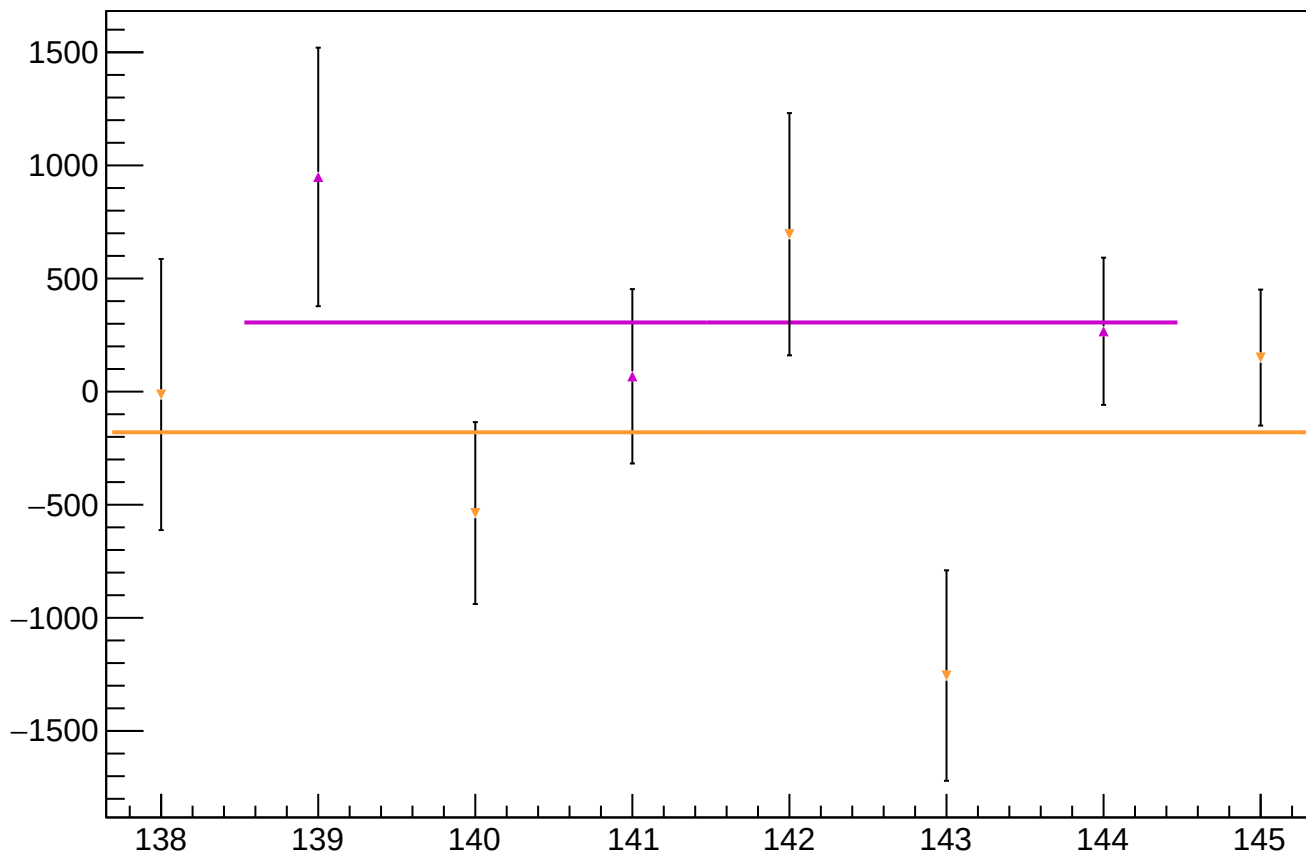
Left In: 66.012+/-0.030 χ^2/NDF : 19854.4/2

64.705+/-0.026 χ^2/NDF : 135388.2/4

65.263+/-0.020 χ^2/NDF : 156332.9/7

66.012+/-0.030 χ^2/NDF : 19854.4/2

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -179.838+/-188.484 χ^2/NDF :10.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

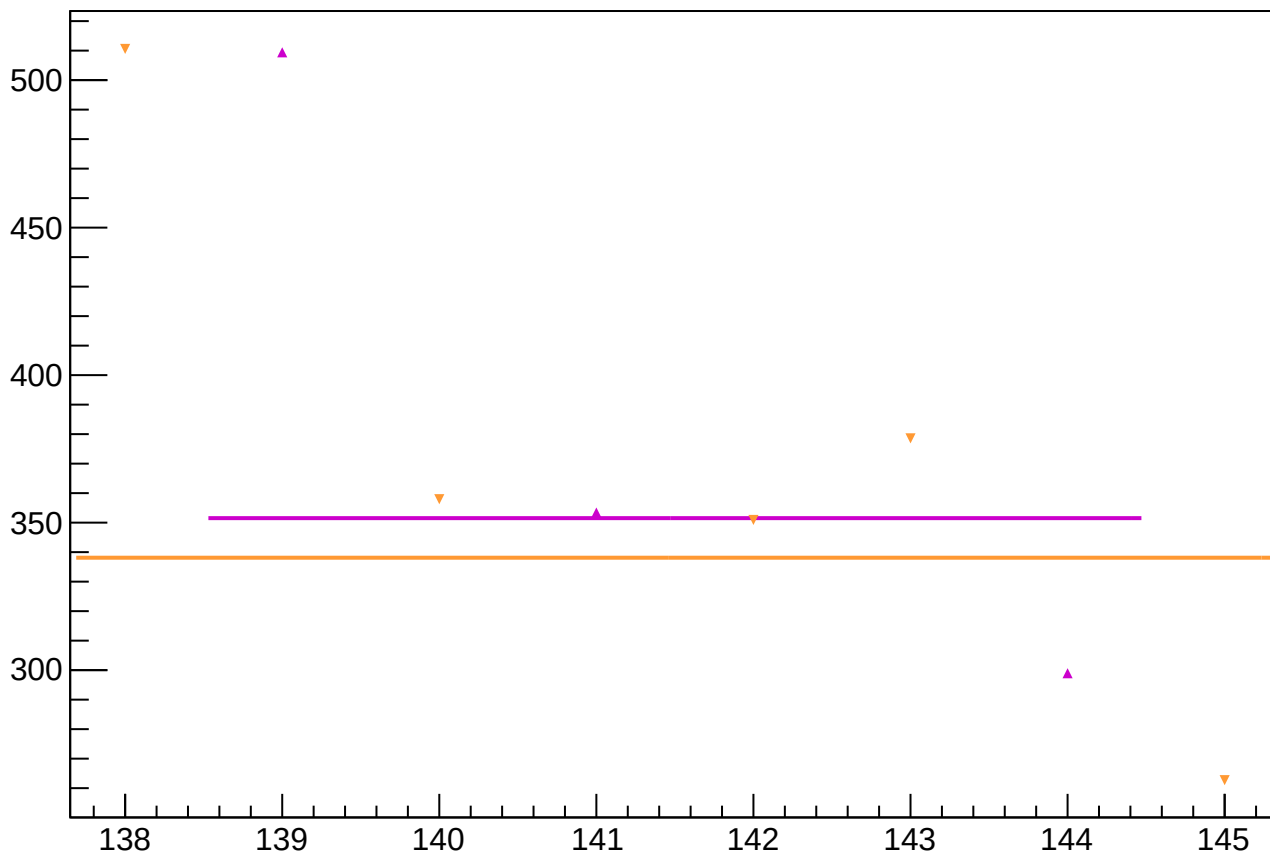
Left In: 305.714+/-228.021 χ^2/NDF :1.7/2

-179.838+/-188.484 χ^2/NDF : 10.1/4

17.259+/-145.277 χ^2/NDF : 14.4/7

305.714+/-228.021 χ^2/NDF : 1.7/2

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 338.112+/-0.133 χ^2/NDF : 312692.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

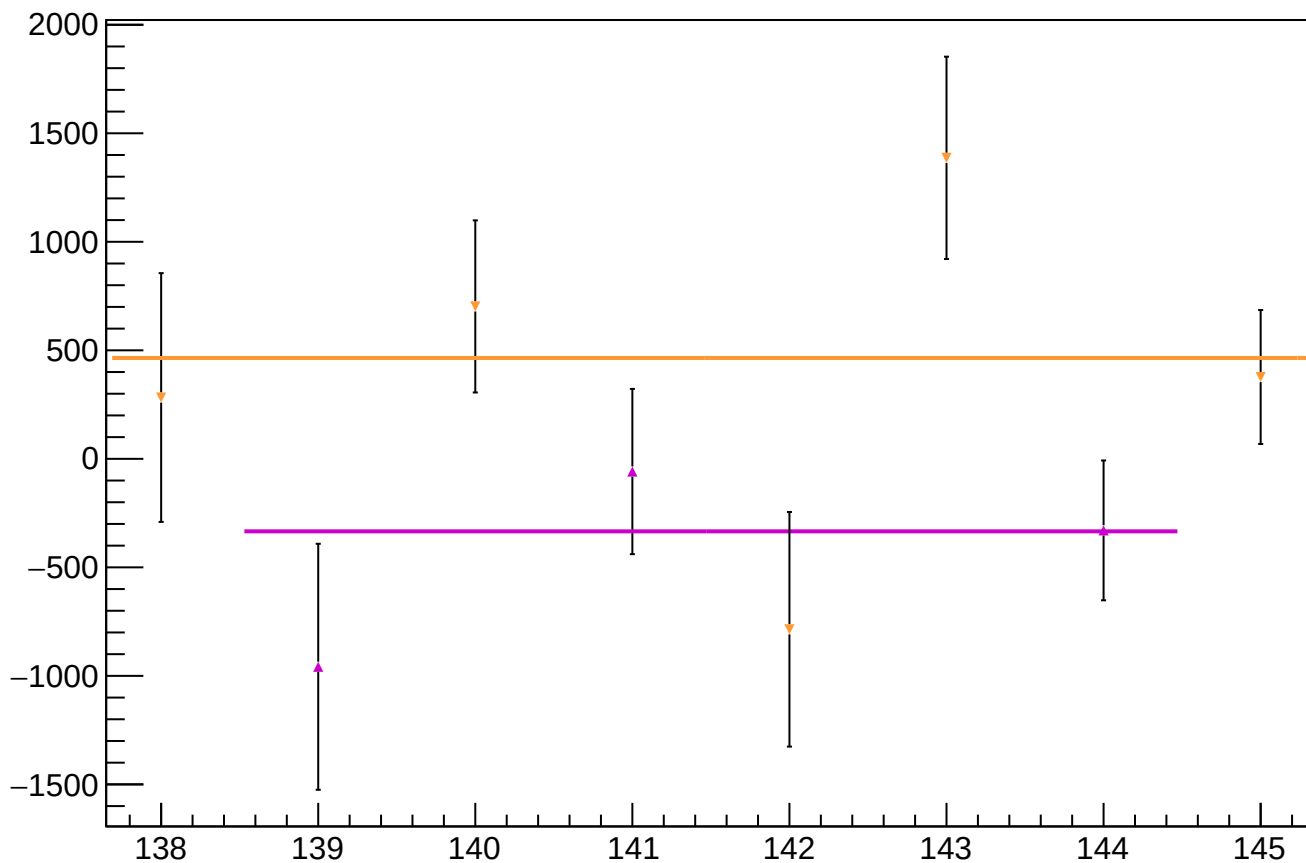
Left In: 351.524+/-0.161 χ^2/NDF : 204923.9/2

338.112+/-0.133 χ^2/NDF : 312692.5/4

343.556+/-0.103 χ^2/NDF : 521727.4/7

351.524+/-0.161 χ^2/NDF : 204923.9/2

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 464.679+/-189.219 χ^2/NDF : 9.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

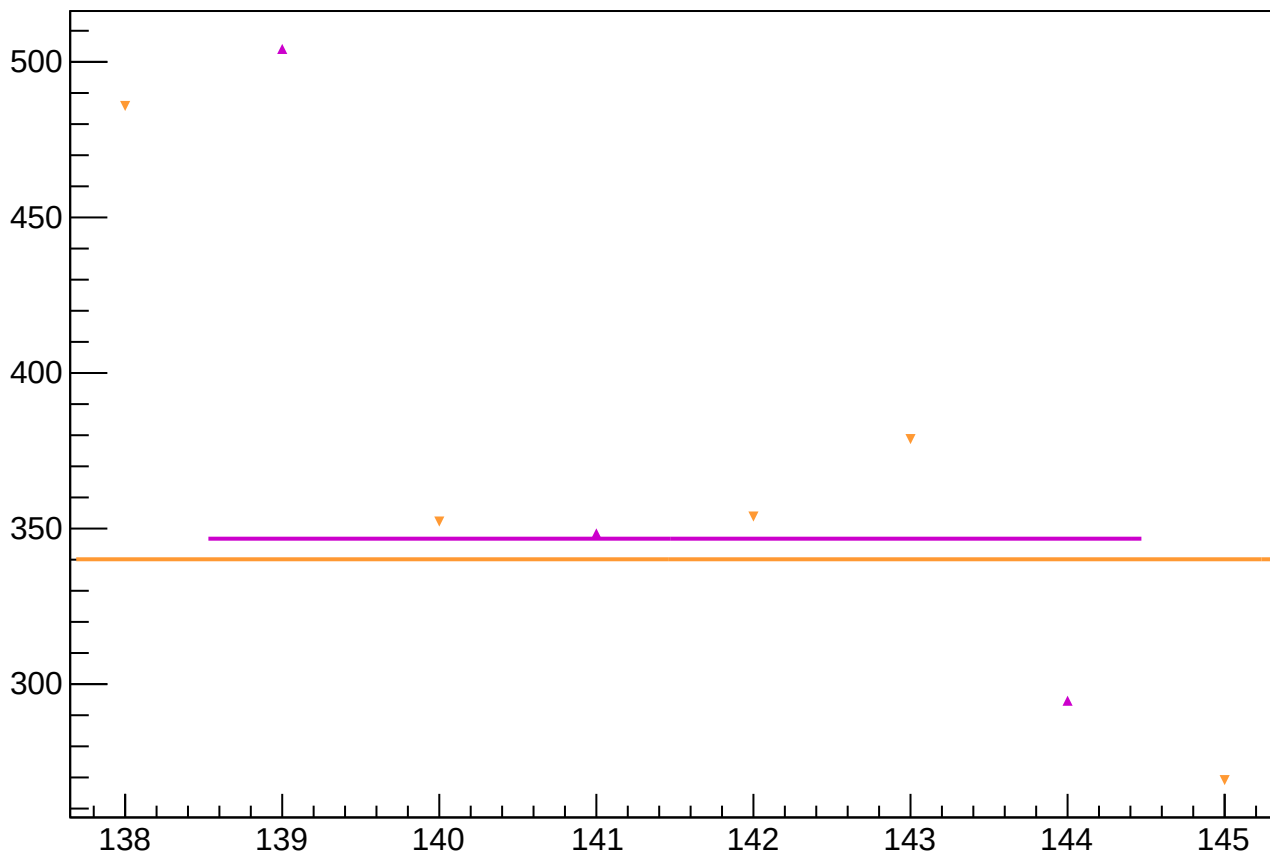
Left In: -334.054+/-225.609 χ^2/NDF : 1.7/2

464.679+/-189.219 χ^2/NDF : 9.8/4

134.845+/-144.978 χ^2/NDF : 18.9/7

-334.054+/-225.609 χ^2/NDF : 1.7/2

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 340.129+/-0.134 χ^2/NDF : 251986.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

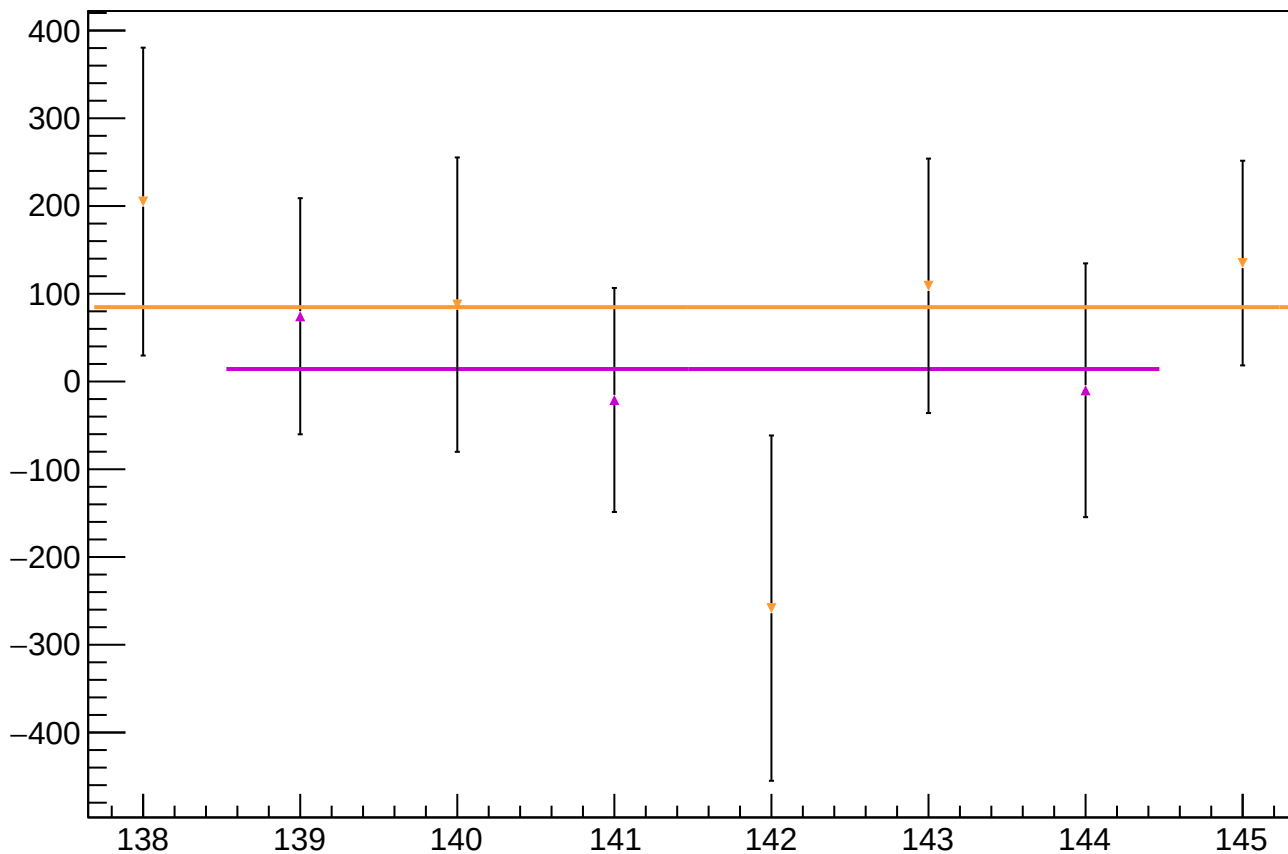
Left In: 346.746+/-0.160 χ^2/NDF : 206588.4/2

340.129+/-0.134 χ^2/NDF : 251986.2/4

342.861+/-0.103 χ^2/NDF : 459584.8/7

346.746+/-0.160 χ^2/NDF : 206588.4/2

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 84.747 $\pm$ 68.209 χ^2 /NDF: 3.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

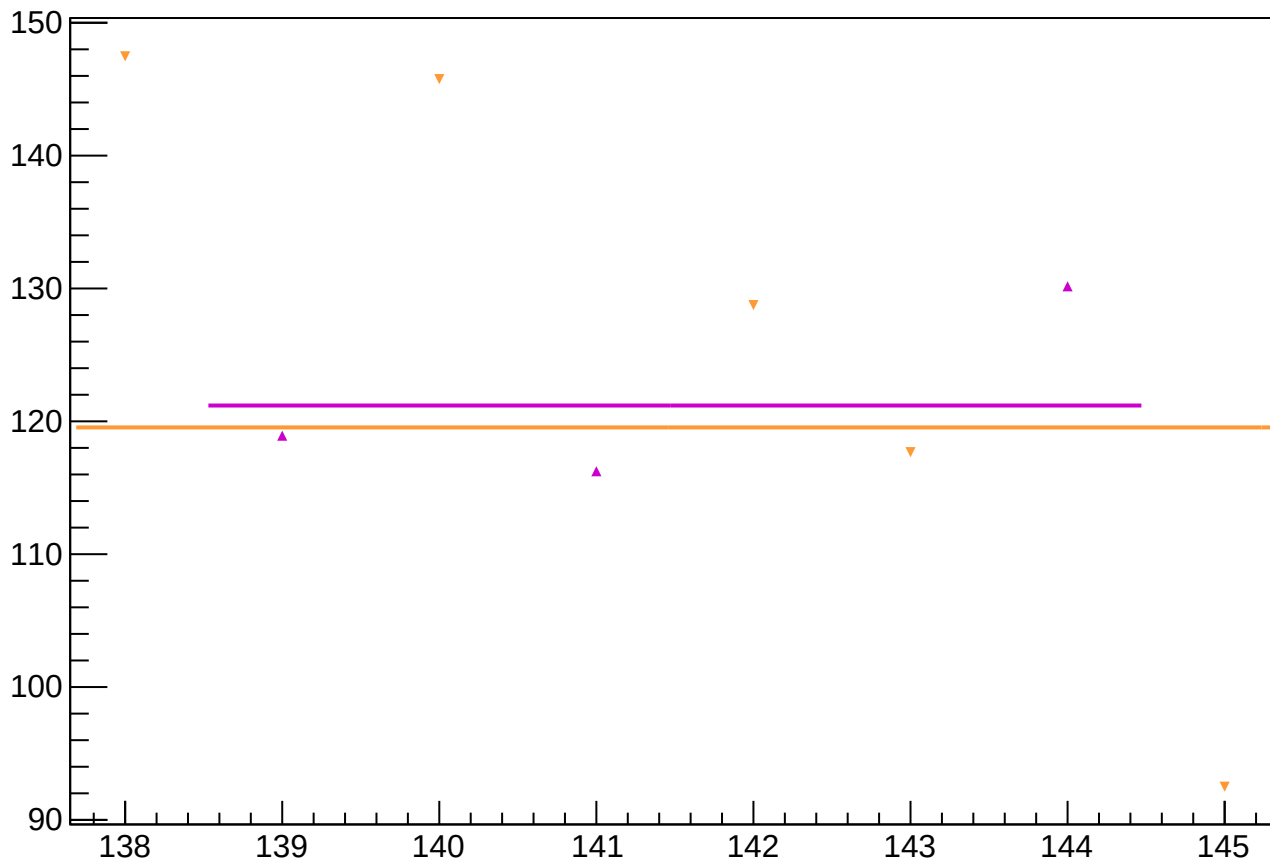
Left In: 14.245 $\pm$ 77.985 χ^2 /NDF: 0.3/2

84.747 $\pm$ 68.209 χ^2 /NDF: 3.7/4

54.189 $\pm$ 51.342 χ^2 /NDF: 4.5/7

14.245 $\pm$ 77.985 χ^2 /NDF: 0.3/2

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 119.542 ± 0.048 $\chi^2/\text{NDF}: 211801.6/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

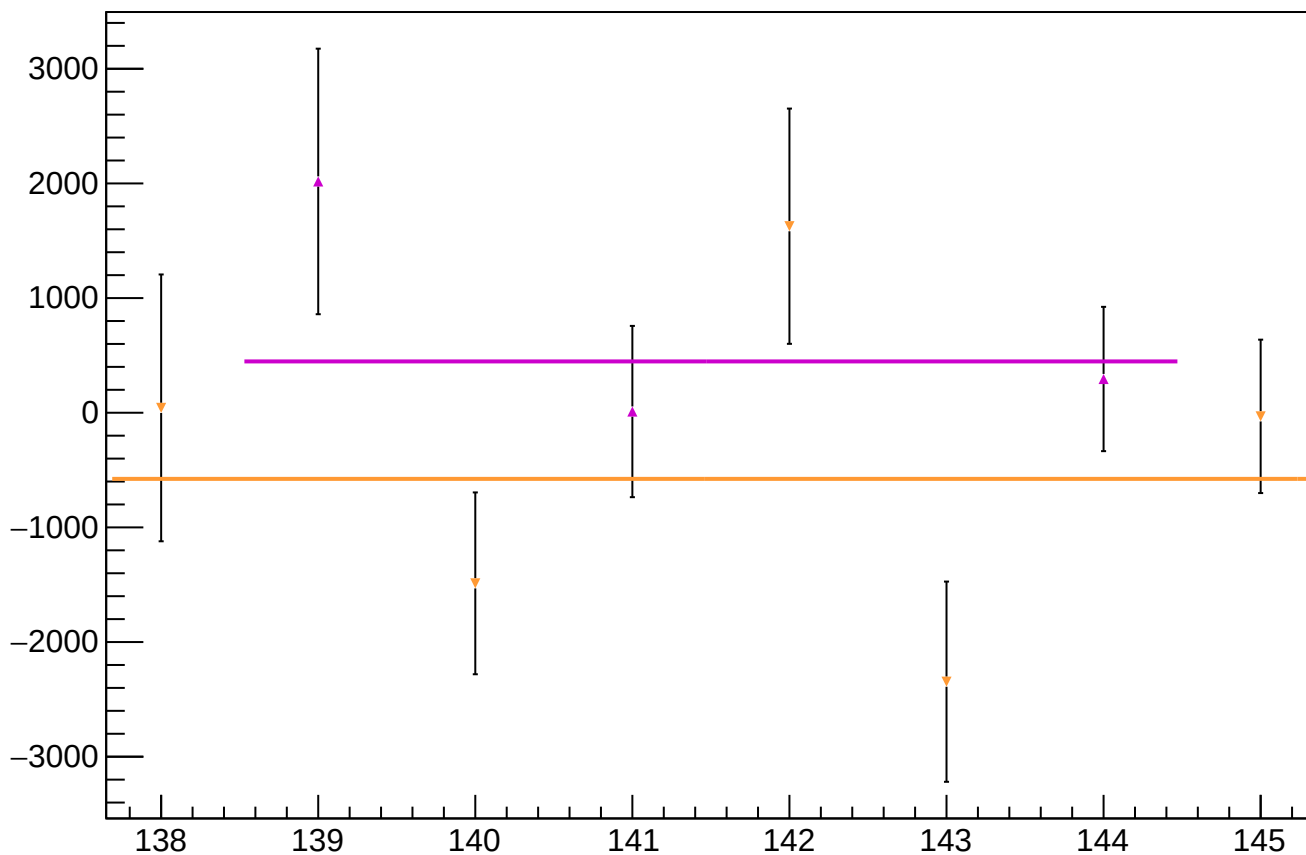
Left In: 121.190 ± 0.055 $\chi^2/\text{NDF}: 11272.6/2$

119.542 ± 0.048 $\chi^2/\text{NDF}: 211801.6/4$

120.257 ± 0.036 $\chi^2/\text{NDF}: 223580.3/7$

121.190 ± 0.055 $\chi^2/\text{NDF}: 11272.6/2$

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -576.809 $\pm$ 382.776 χ^2 /NDF:11.0/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

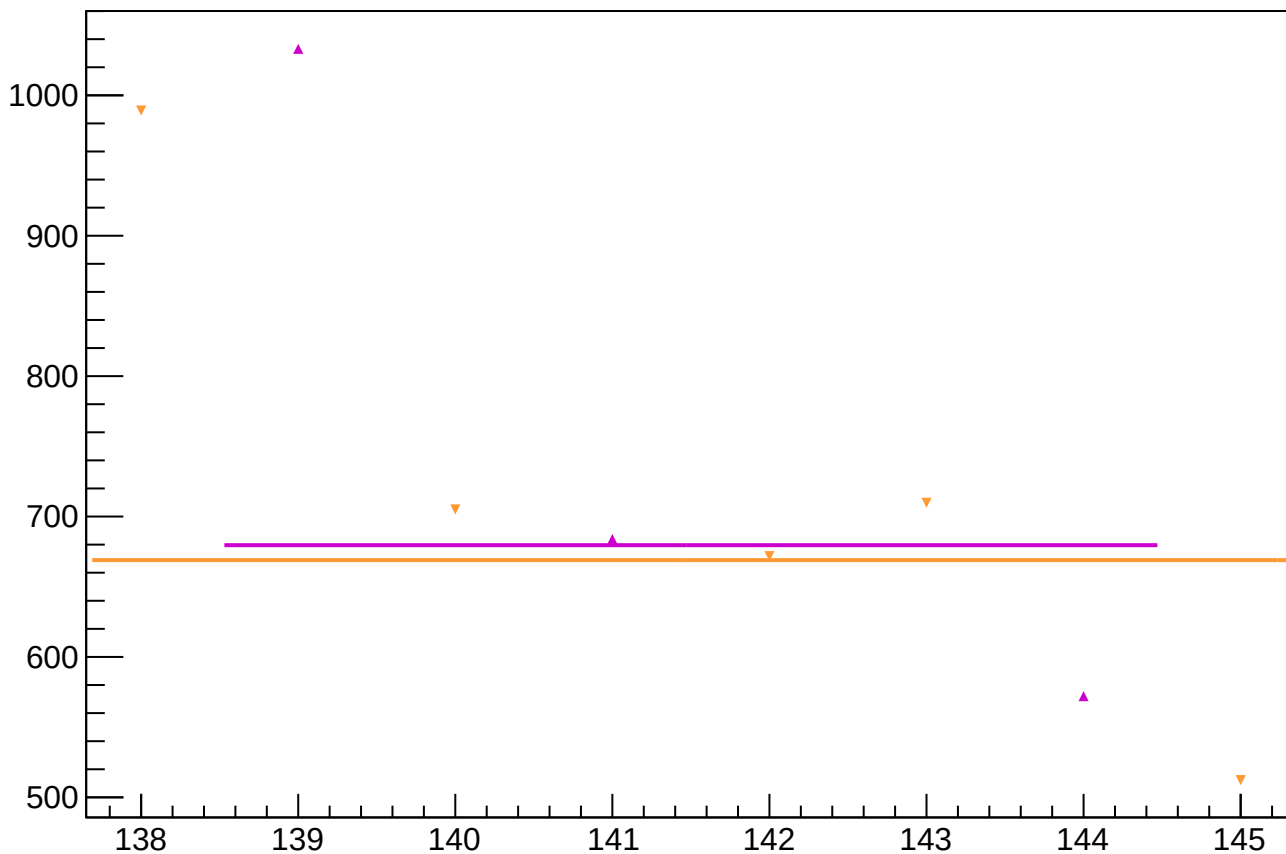
Left In: 447.582 $\pm$ 444.421 χ^2 /NDF:2.2/2

-576.809 $\pm$ 382.776 χ^2 /NDF: 11.0/4

-140.532 $\pm$ 290.030 χ^2 /NDF: 16.3/7

447.582 $\pm$ 444.421 χ^2 /NDF: 2.2/2

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 668.967+/-0.271 χ^2/NDF : 269721.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

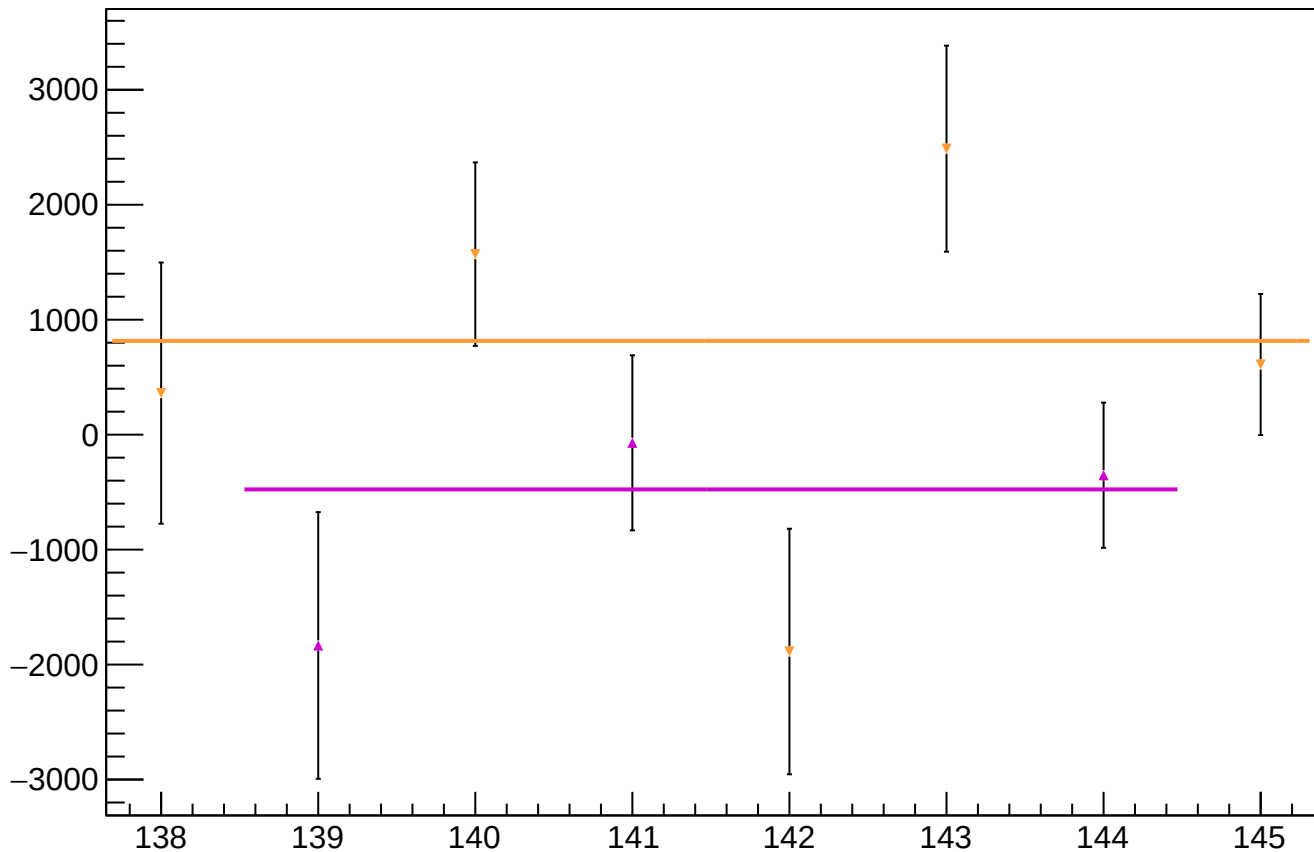
Left In: 679.601+/-0.314 χ^2/NDF : 244849.8/2

668.967+/-0.271 χ^2/NDF : 269721.6/4

673.496+/-0.205 χ^2/NDF : 515228.7/7

679.601+/-0.314 χ^2/NDF : 244849.8/2

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 815.727+/-374.693 χ^2/NDF : 11.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

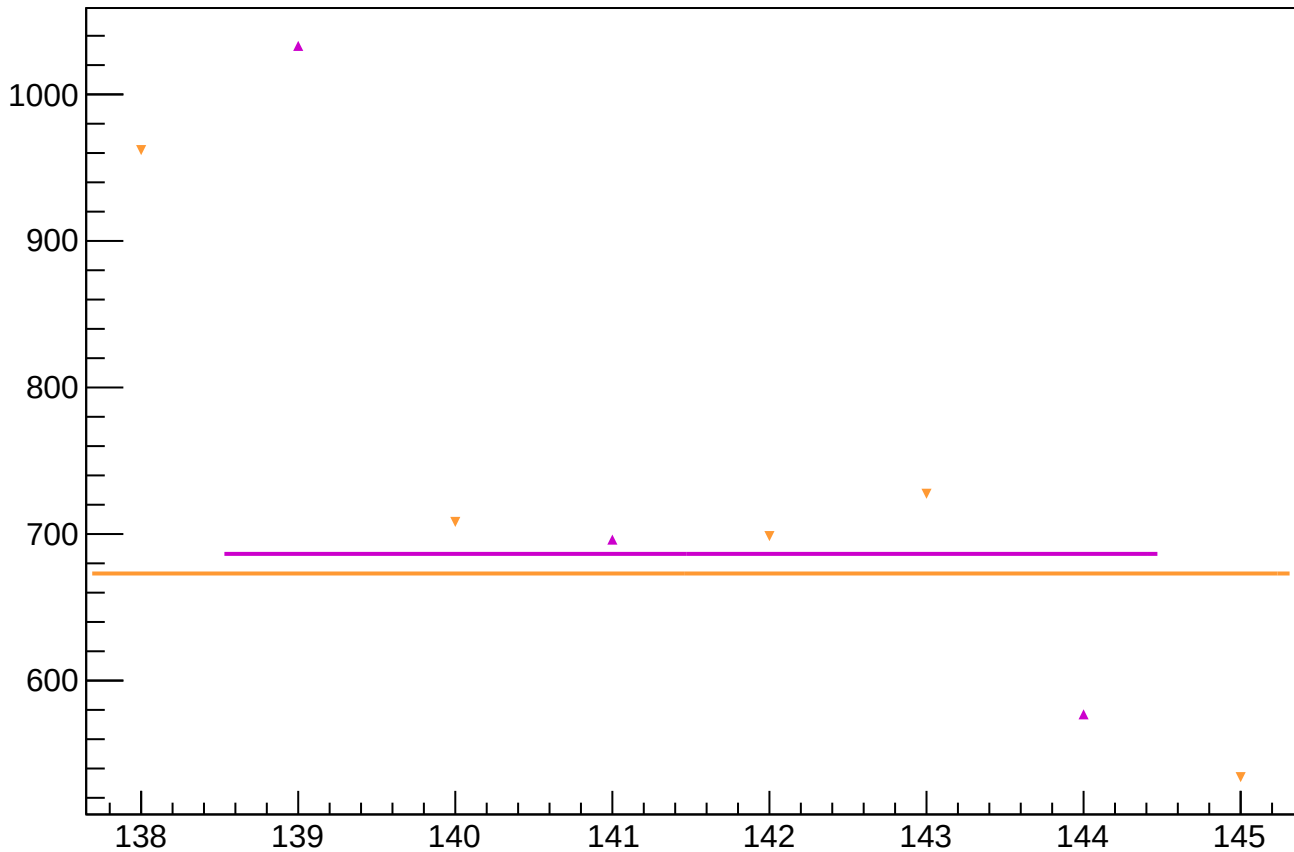
Left In: -476.331+/-448.321 χ^2/NDF : 1.7/2

815.727+/-374.693 χ^2/NDF : 11.0/4

284.369+/-287.502 χ^2/NDF : 17.6/7

-476.331+/-448.321 χ^2/NDF : 1.7/2

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 673.070 $\pm$ 0.265 χ^2 /NDF: 244301.5/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

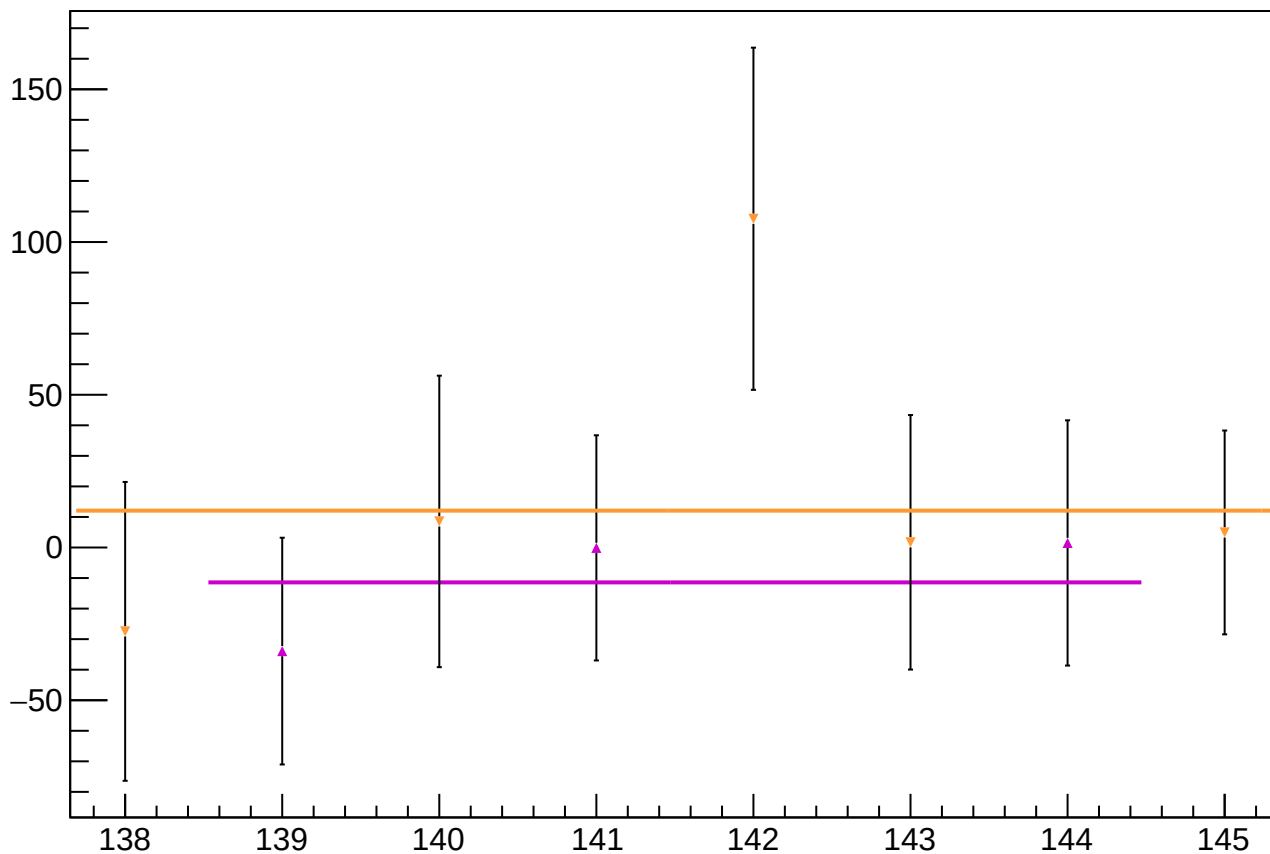
Left In: 686.457 $\pm$ 0.317 χ^2 /NDF: 239061.1/2

673.070 $\pm$ 0.265 χ^2 /NDF: 244301.5/4

678.575 $\pm$ 0.203 χ^2 /NDF: 484412.6/7

686.457 $\pm$ 0.317 χ^2 /NDF: 239061.1/2

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 12.071+/-19.423 χ^2/NDF : 3.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

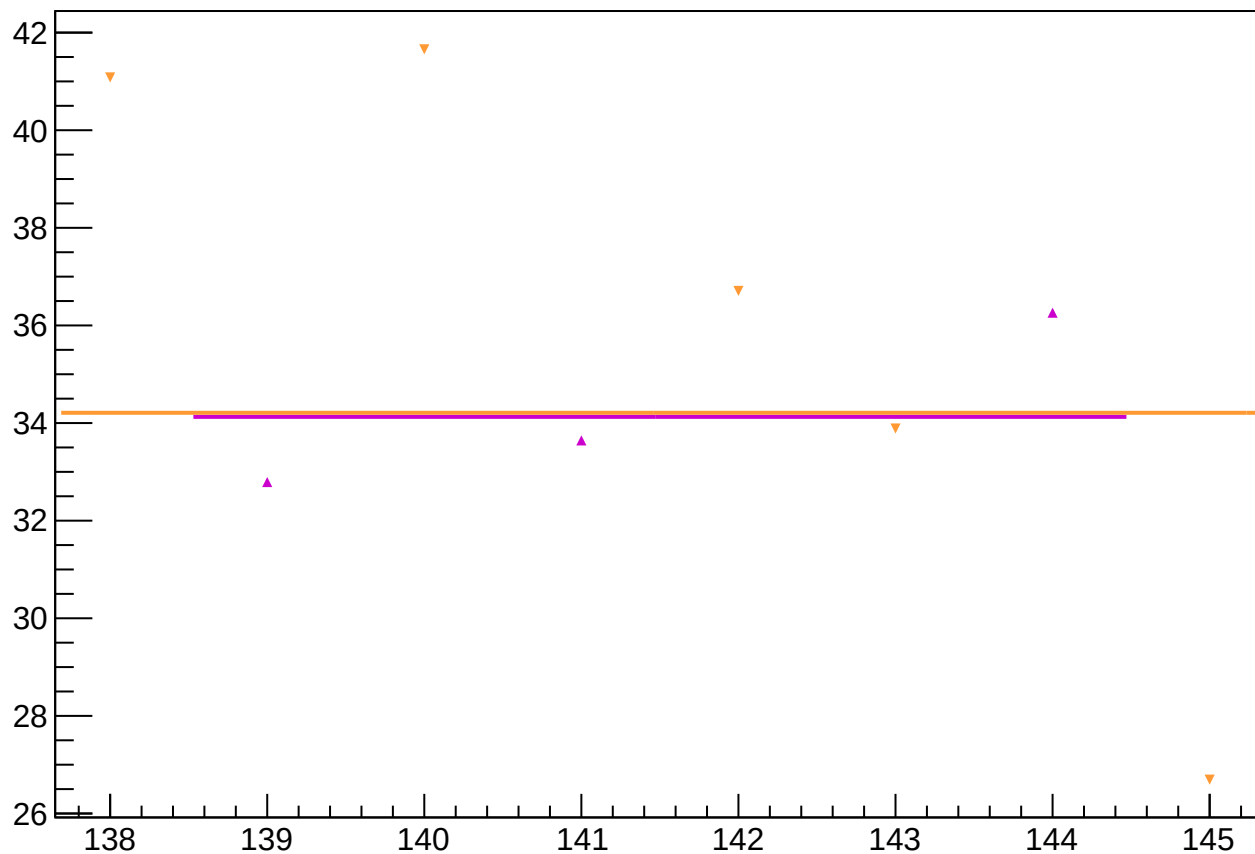
Left In: -11.419+/-21.912 χ^2/NDF : 0.6/2

12.071+/-19.423 χ^2/NDF : 3.7/4

1.735+/-14.535 χ^2/NDF : 4.9/7

-11.419+/-21.912 χ^2/NDF : 0.6/2

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 34.210+/-0.014 χ^2/NDF : 193817.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

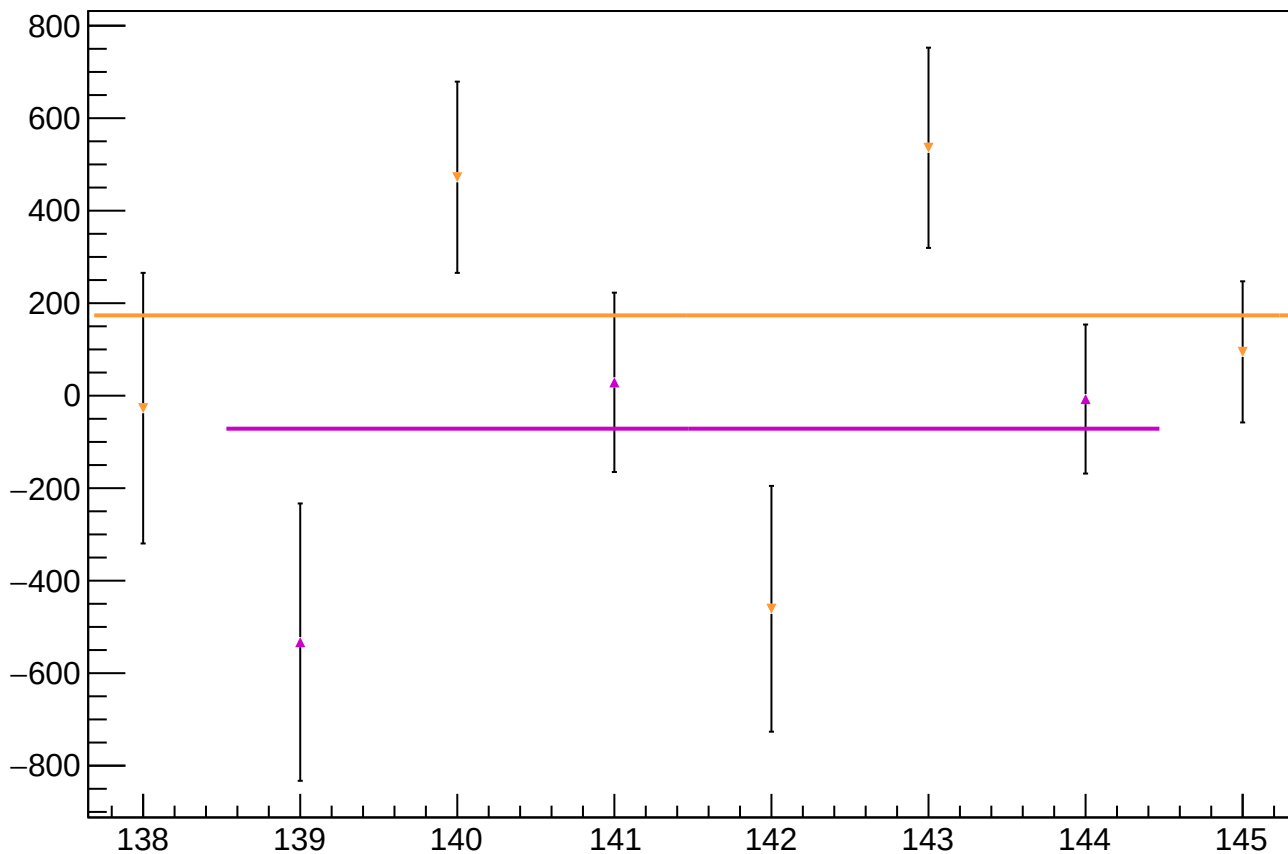
Left In: 34.127+/-0.015 χ^2/NDF : 8585.8/2

34.210+/-0.014 χ^2/NDF : 193817.5/4

34.174+/-0.010 χ^2/NDF : 202419.6/7

34.127+/-0.015 χ^2/NDF : 8585.8/2

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 173.632+/-93.854 χ^2/NDF : 11.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

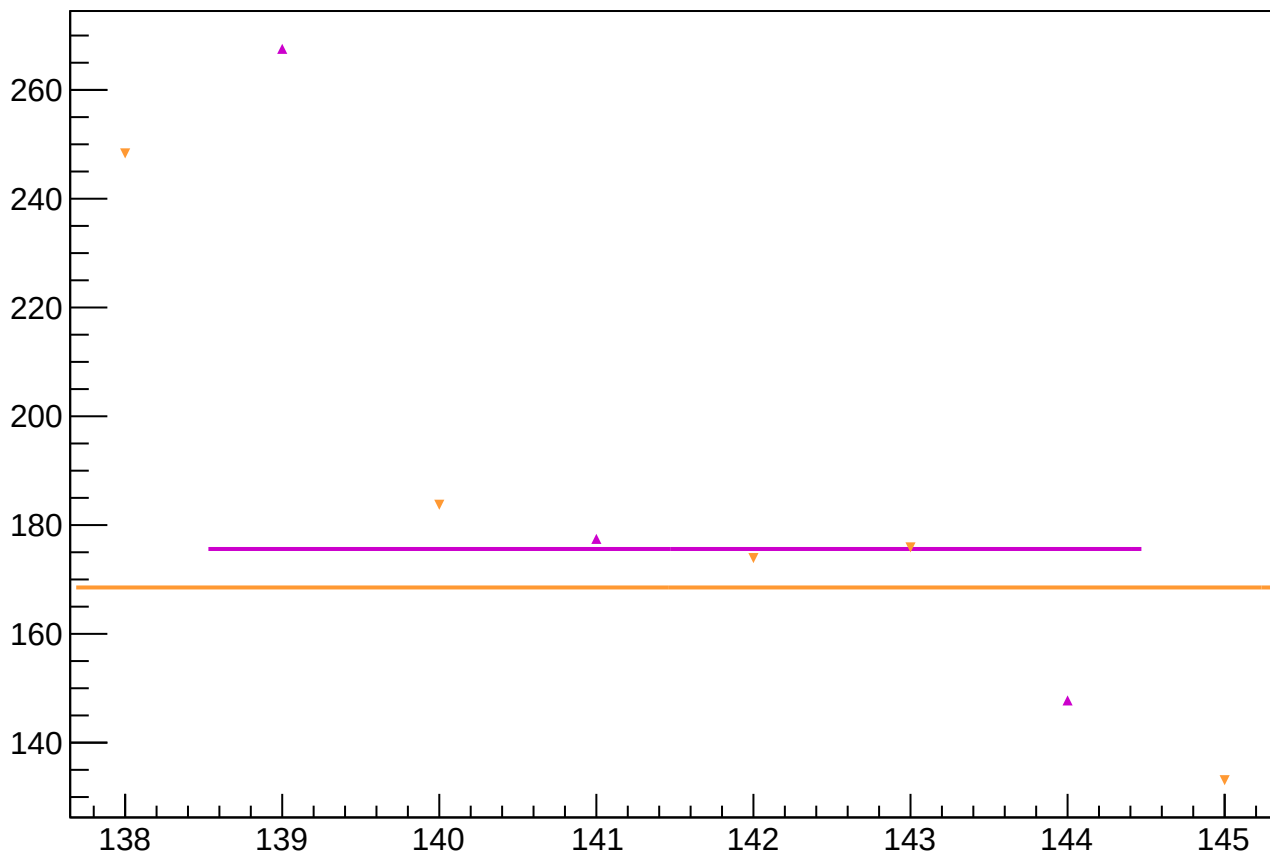
Left In: -71.375+/-114.524 χ^2/NDF : 2.8/2

173.632+/-93.854 χ^2/NDF : 11.3/4

75.194+/-72.592 χ^2/NDF : 16.9/7

-71.375+/-114.524 χ^2/NDF : 2.8/2

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 168.528+/-0.066 χ^2/NDF : 270640.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

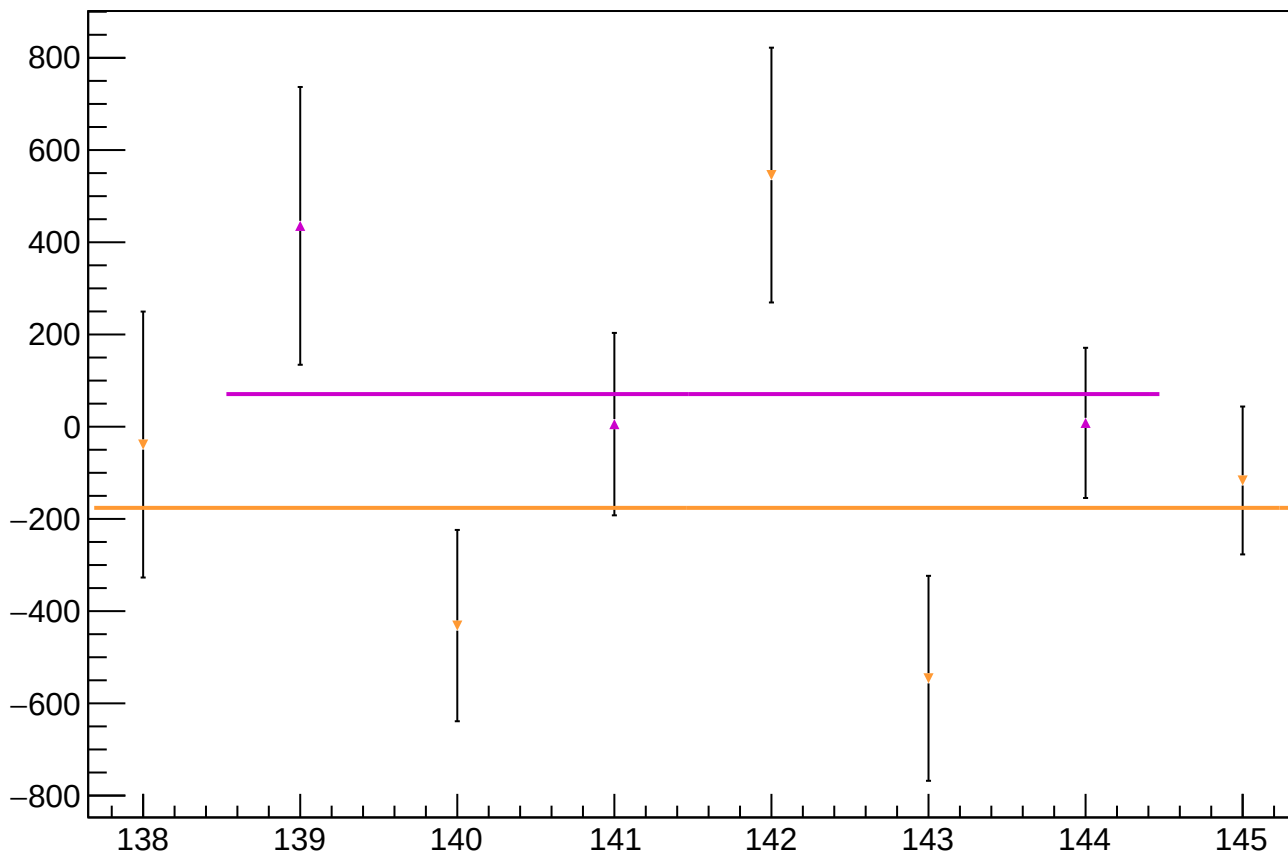
Left In: 175.604+/-0.081 χ^2/NDF : 248022.1/2

168.528+/-0.066 χ^2/NDF : 270640.4/4

171.371+/-0.051 χ^2/NDF : 523229.7/7

175.604+/-0.081 χ^2/NDF : 248022.1/2

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -176.027+/-96.459 χ^2/NDF : 11.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

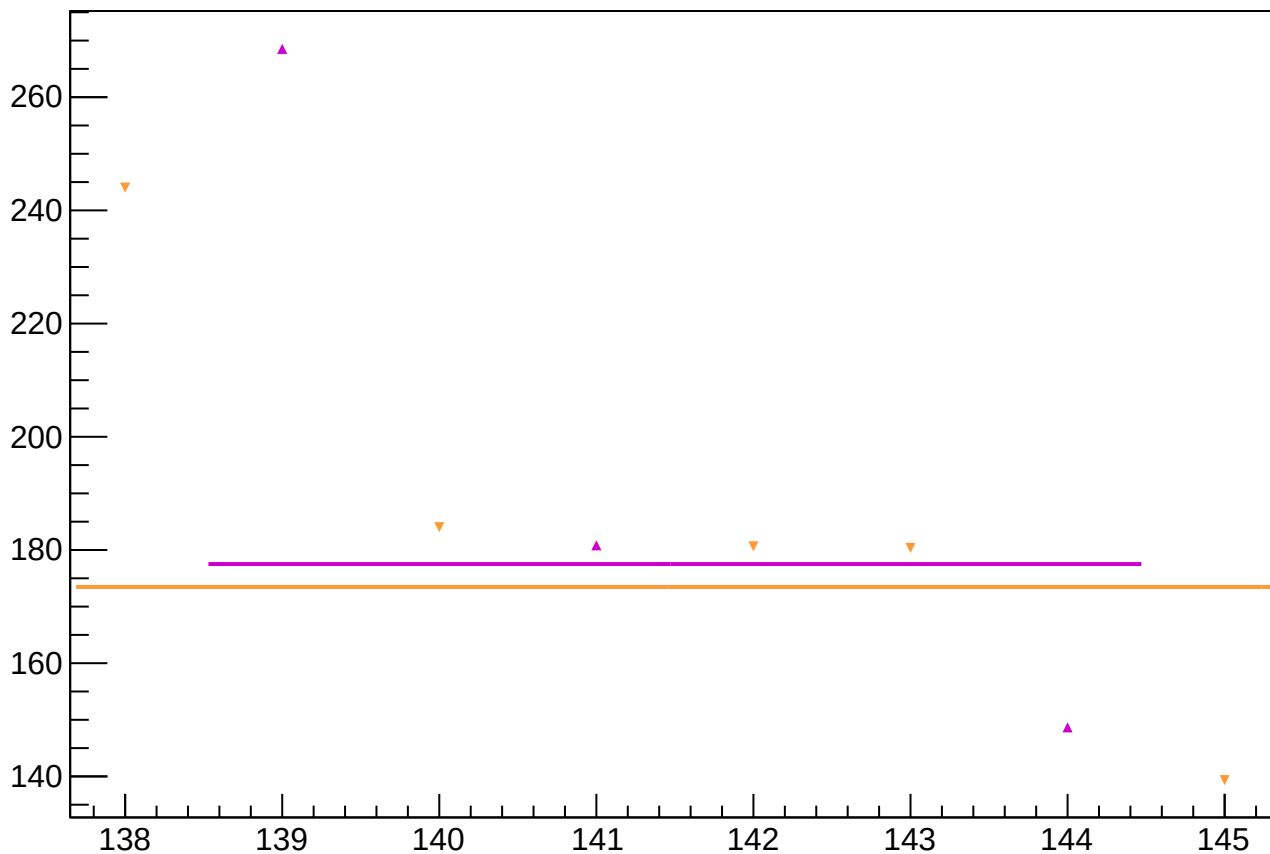
Left In: 70.749+/-116.034 χ^2/NDF : 1.7/2

-176.027+/-96.459 χ^2/NDF : 11.5/4

-75.181+/-74.176 χ^2/NDF : 15.9/7

70.749+/-116.034 χ^2/NDF : 1.7/2

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 173.470+/-0.068 χ^2/NDF : 218757.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

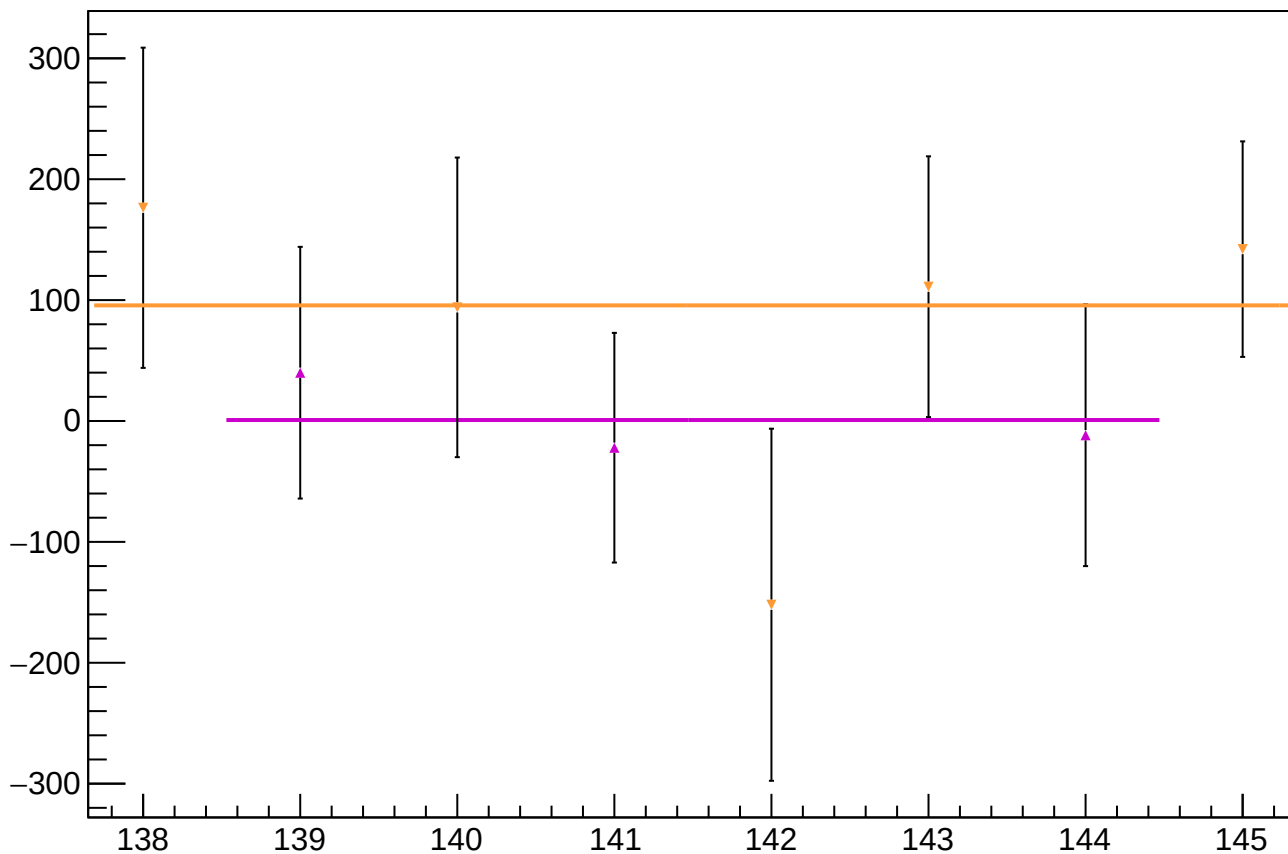
Left In: 177.516+/-0.082 χ^2/NDF : 245901.5/2

173.470+/-0.068 χ^2/NDF : 218757.3/4

175.124+/-0.052 χ^2/NDF : 466097.1/7

177.516+/-0.082 χ^2/NDF : 245901.5/2

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 95.641 $\pm$ 51.227 χ^2 /NDF: 3.6/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

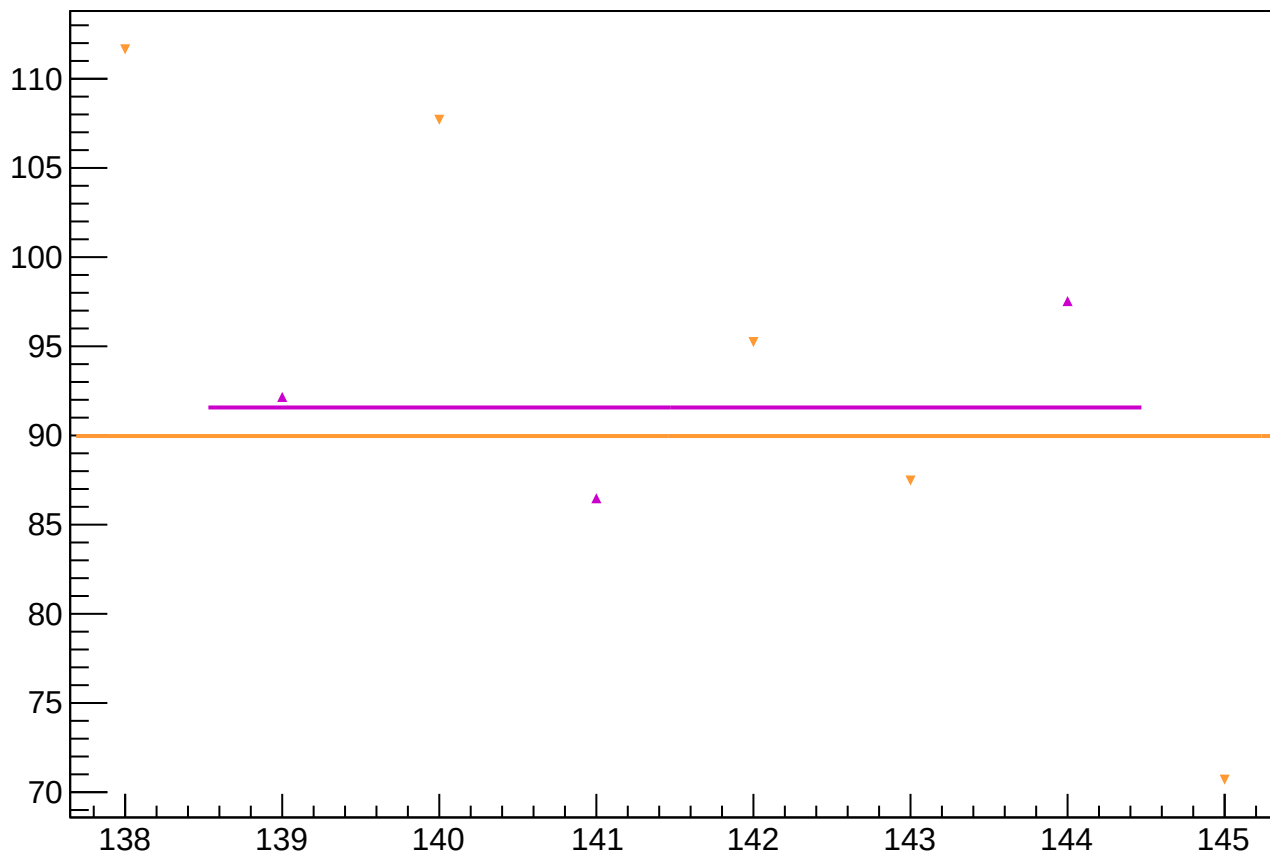
Left In: 0.799 $\pm$ 58.887 χ^2 /NDF: 0.2/2

95.641 $\pm$ 51.227 χ^2 /NDF: 3.6/4

54.786 $\pm$ 38.649 χ^2 /NDF: 5.2/7

0.799 $\pm$ 58.887 χ^2 /NDF: 0.2/2

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 89.968+/-0.036 χ^2/NDF : 191673.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

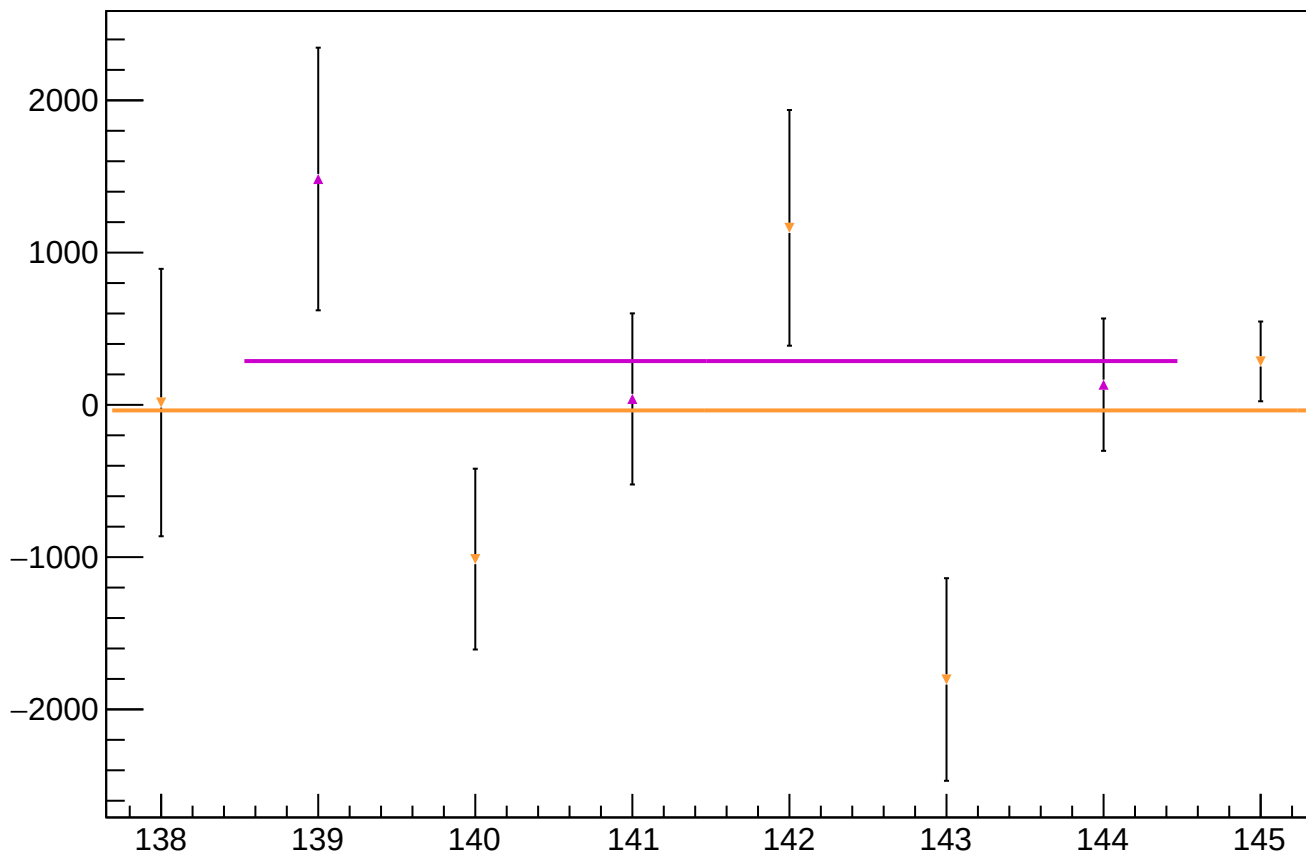
Left In: 91.570+/-0.042 χ^2/NDF : 11877.2/2

89.968+/-0.036 χ^2/NDF : 191673.9/4

90.658+/-0.027 χ^2/NDF : 204393.7/7

91.570+/-0.042 χ^2/NDF : 11877.2/2

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -36.547 $\pm$ 210.176 χ^2 /NDF:13.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

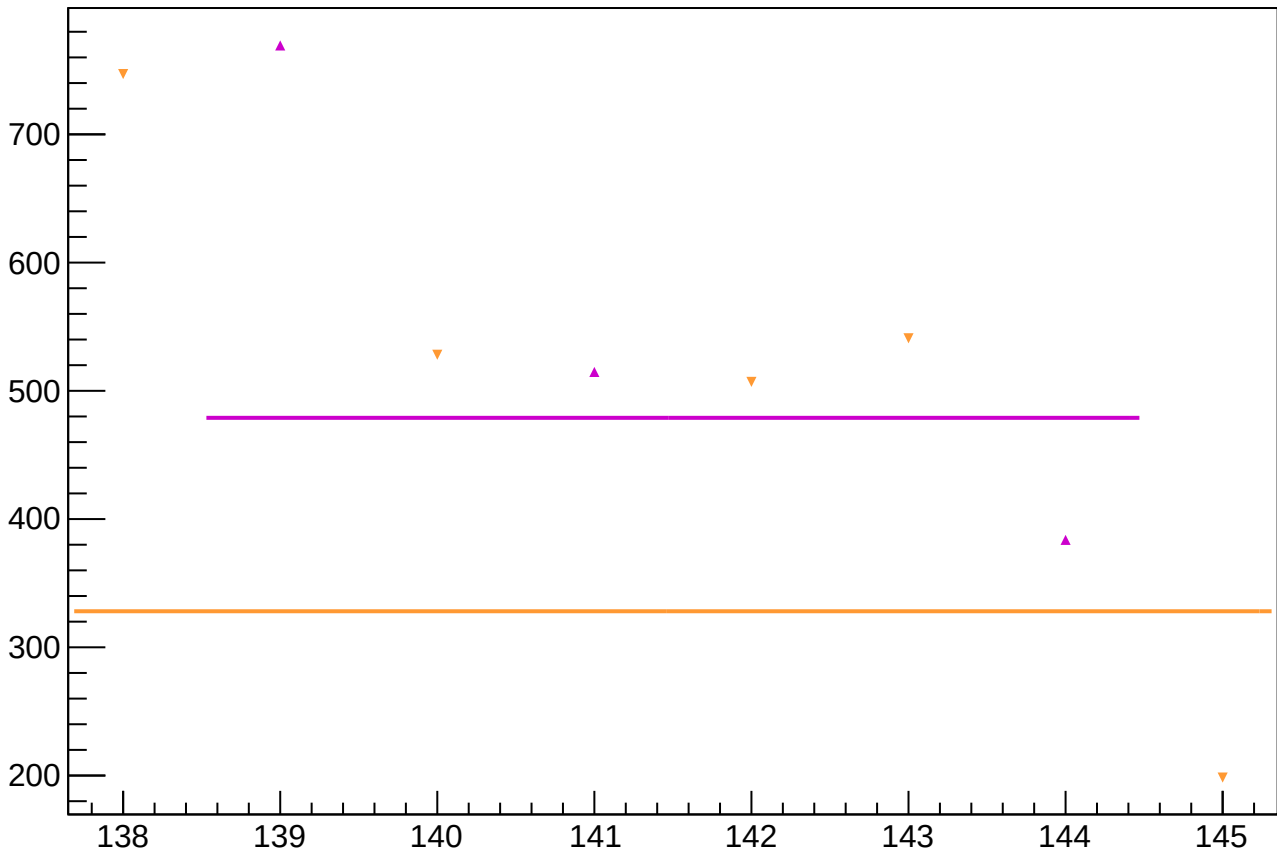
Left In: 287.582 $\pm$ 319.370 χ^2 /NDF:2.2/2

-36.547 $\pm$ 210.176 χ^2 /NDF: 13.7/4

61.407 $\pm$ 175.568 χ^2 /NDF: 16.6/7

287.582 $\pm$ 319.370 χ^2 /NDF: 2.2/2

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 328.111+/-0.149 χ^2/NDF : 1484012.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

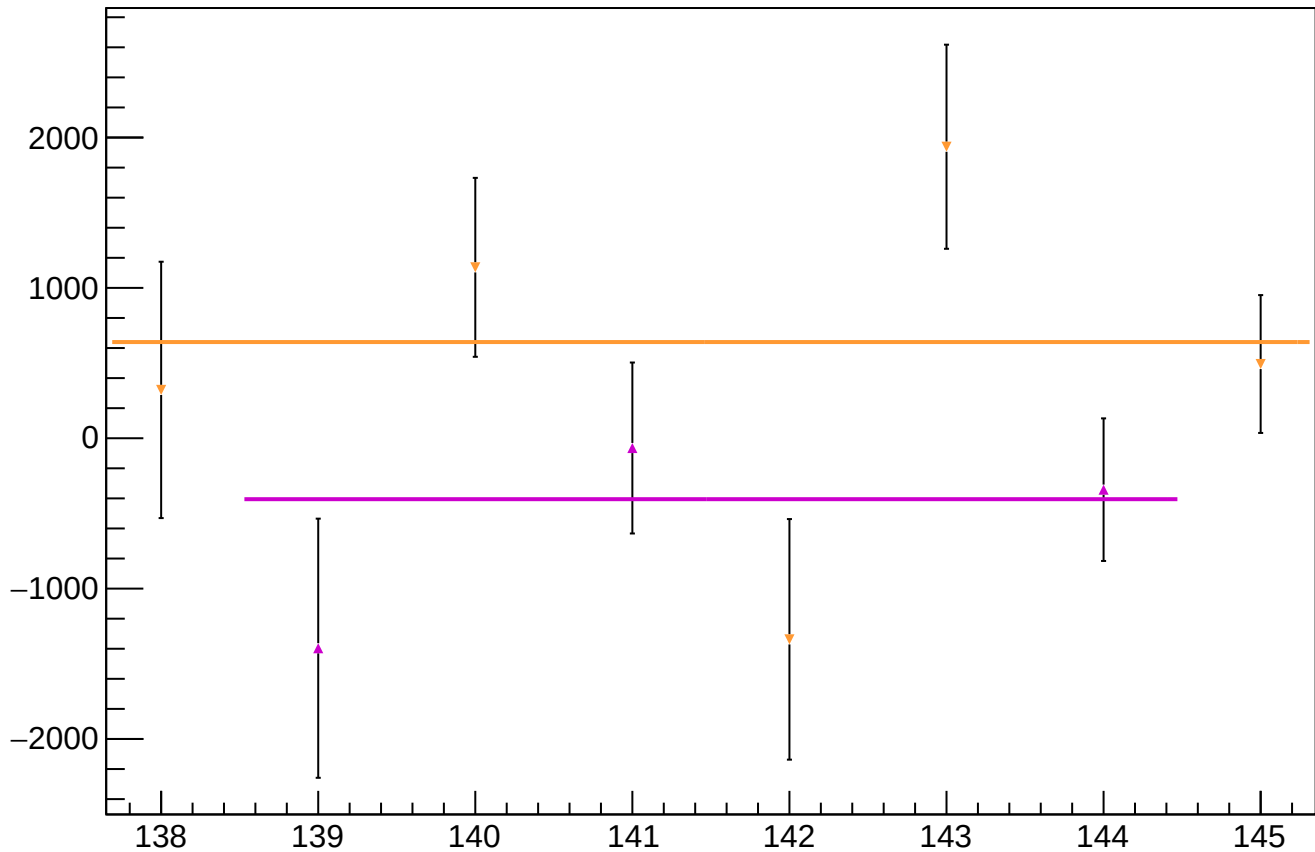
Left In: 478.947+/-0.226 χ^2/NDF : 330655.9/2

328.111+/-0.149 χ^2/NDF : 1484012.7/4

373.695+/-0.124 χ^2/NDF : 2125968.8/7

478.947+/-0.226 χ^2/NDF : 330655.9/2

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 639.811+/-280.699 χ^2/NDF : 10.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

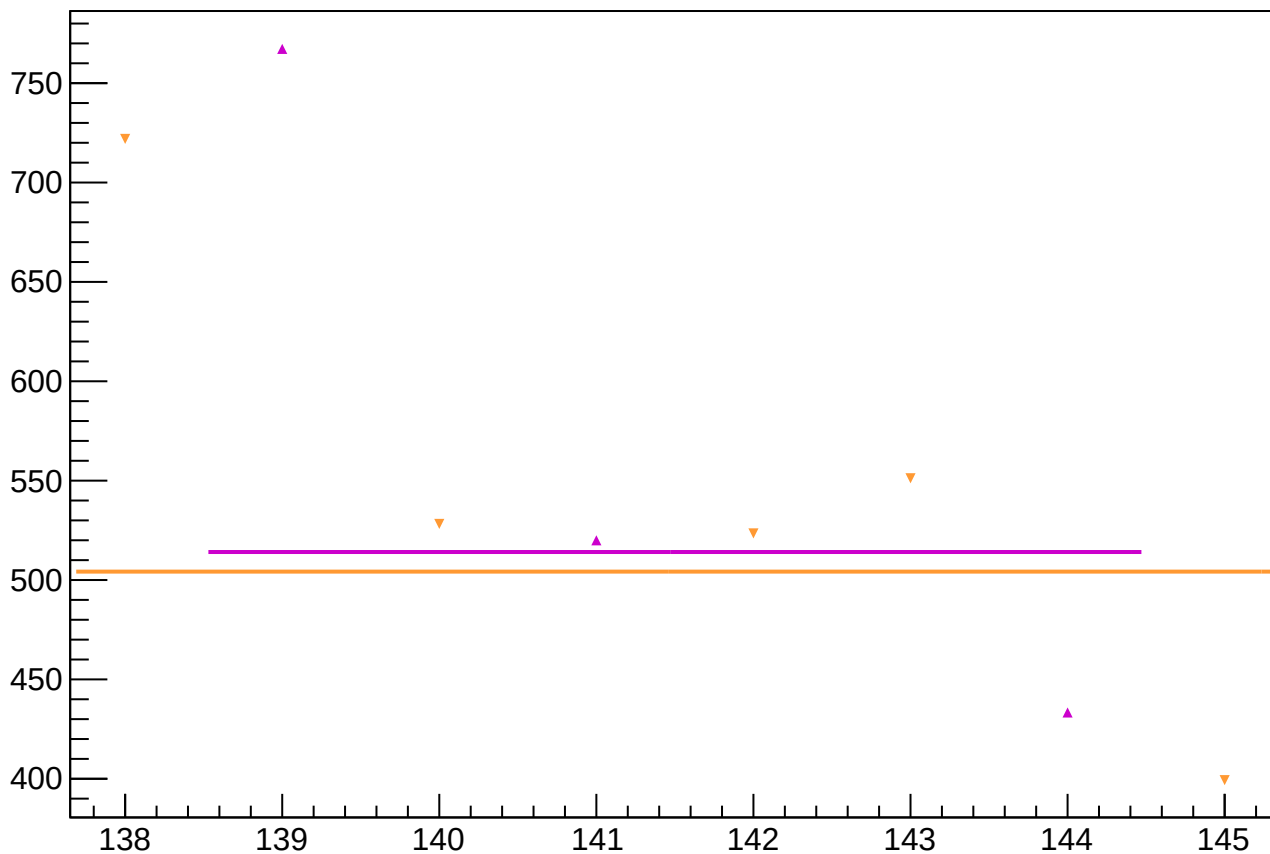
Left In: -405.272+/-335.422 χ^2/NDF : 1.7/2

639.811+/-280.699 χ^2/NDF : 10.7/4

209.366+/-215.266 χ^2/NDF : 18.1/7

-405.272+/-335.422 χ^2/NDF : 1.7/2

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 504.234+/-0.198 χ^2/NDF : 249229.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

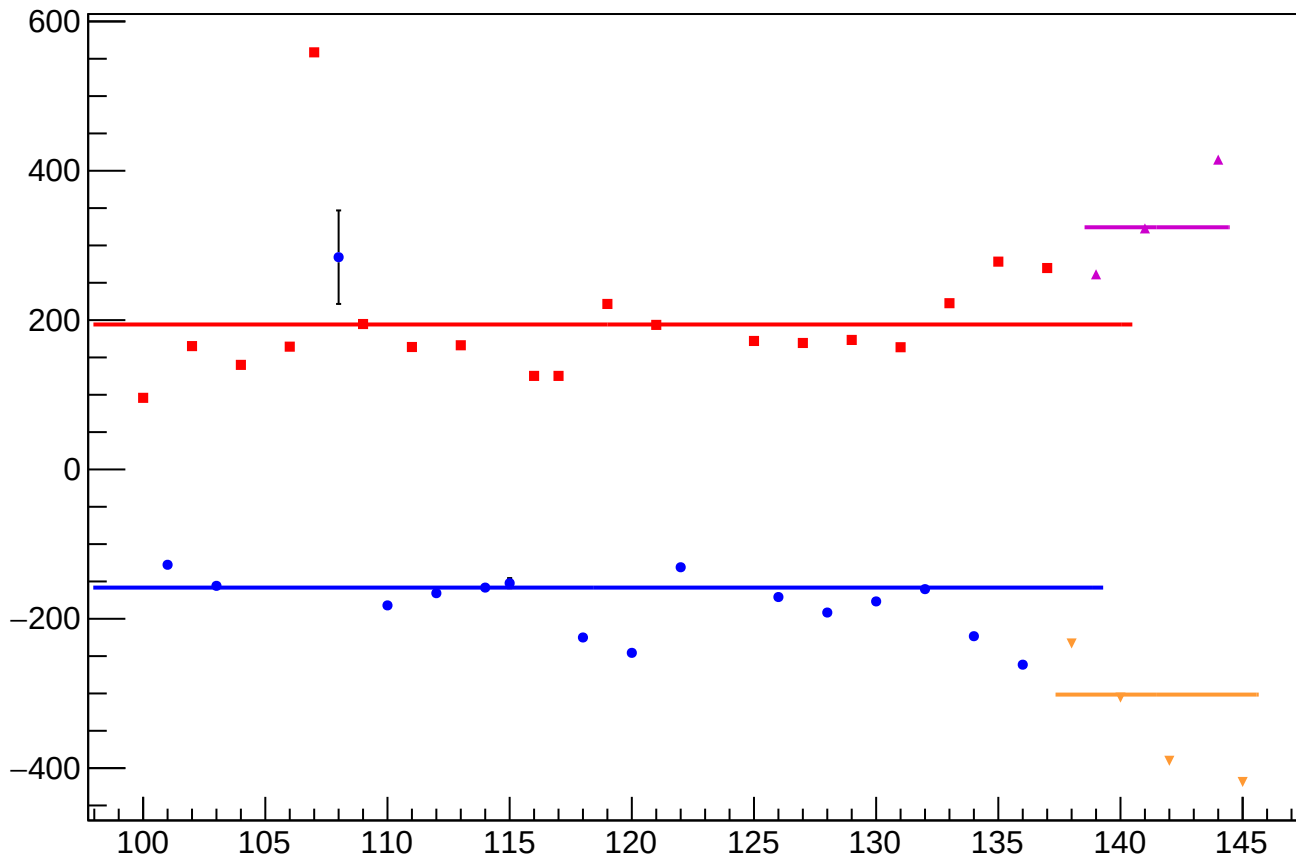
Left In: 514.093+/-0.237 χ^2/NDF : 230801.4/2

504.234+/-0.198 χ^2/NDF : 249229.6/4

508.295+/-0.152 χ^2/NDF : 481047.2/7

514.093+/-0.237 χ^2/NDF : 230801.4/2

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF : 117166.2/15

Left Out: -301.516+/-0.447 χ^2/NDF : 14747.3/3

Right Out: 194.144+/-0.165 χ^2/NDF : 176874.6/18

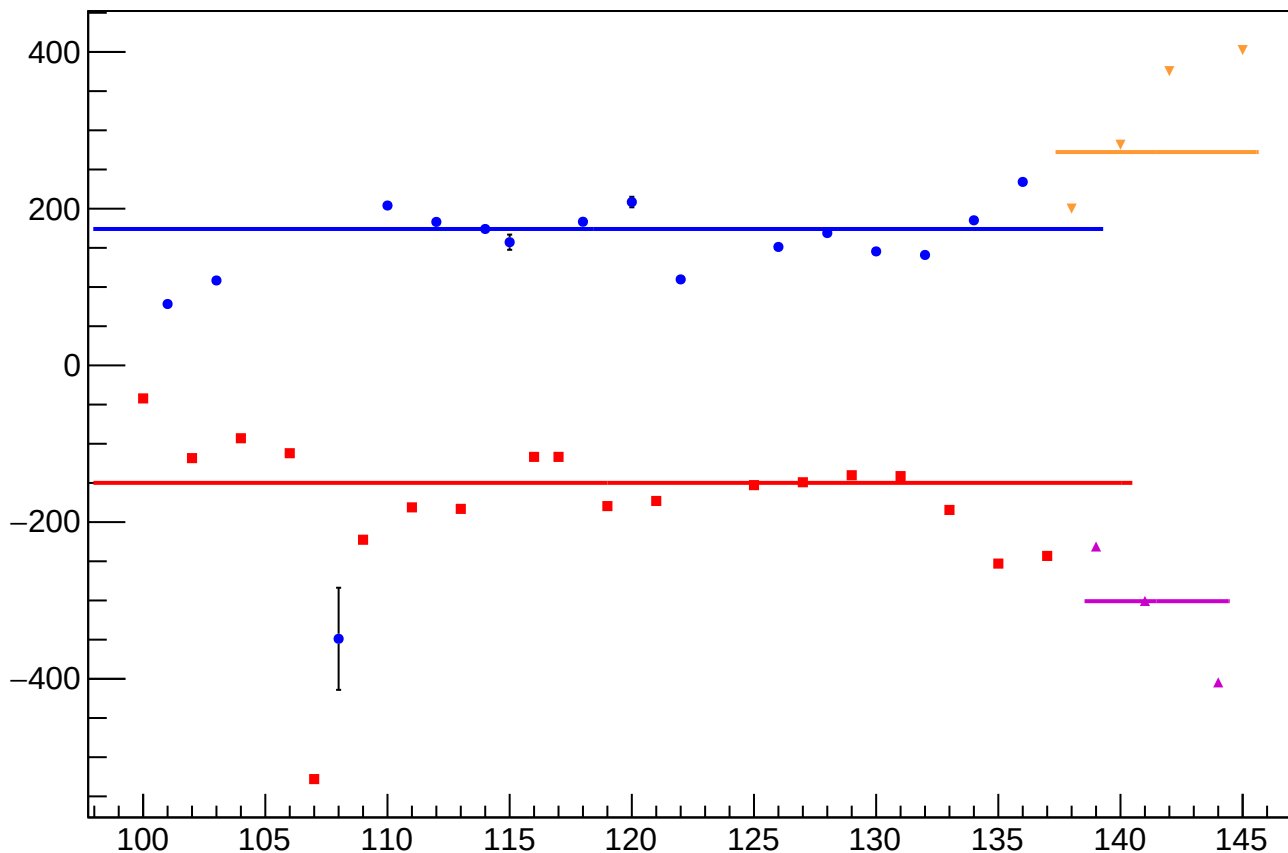
Left In: 324.327+/-0.378 χ^2/NDF : 11926.2/2

-158.222+/-0.000 χ^2/NDF : 234504.8/19

-158.222+/-0.000 χ^2/NDF : 6616838.1/41

215.010+/-0.151 χ^2/NDF : 288585.4/21

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 272.249+/-0.480 χ^2/NDF : 15818.2/3

Right Out: -149.900+/-0.195 χ^2/NDF : 167887.8/18

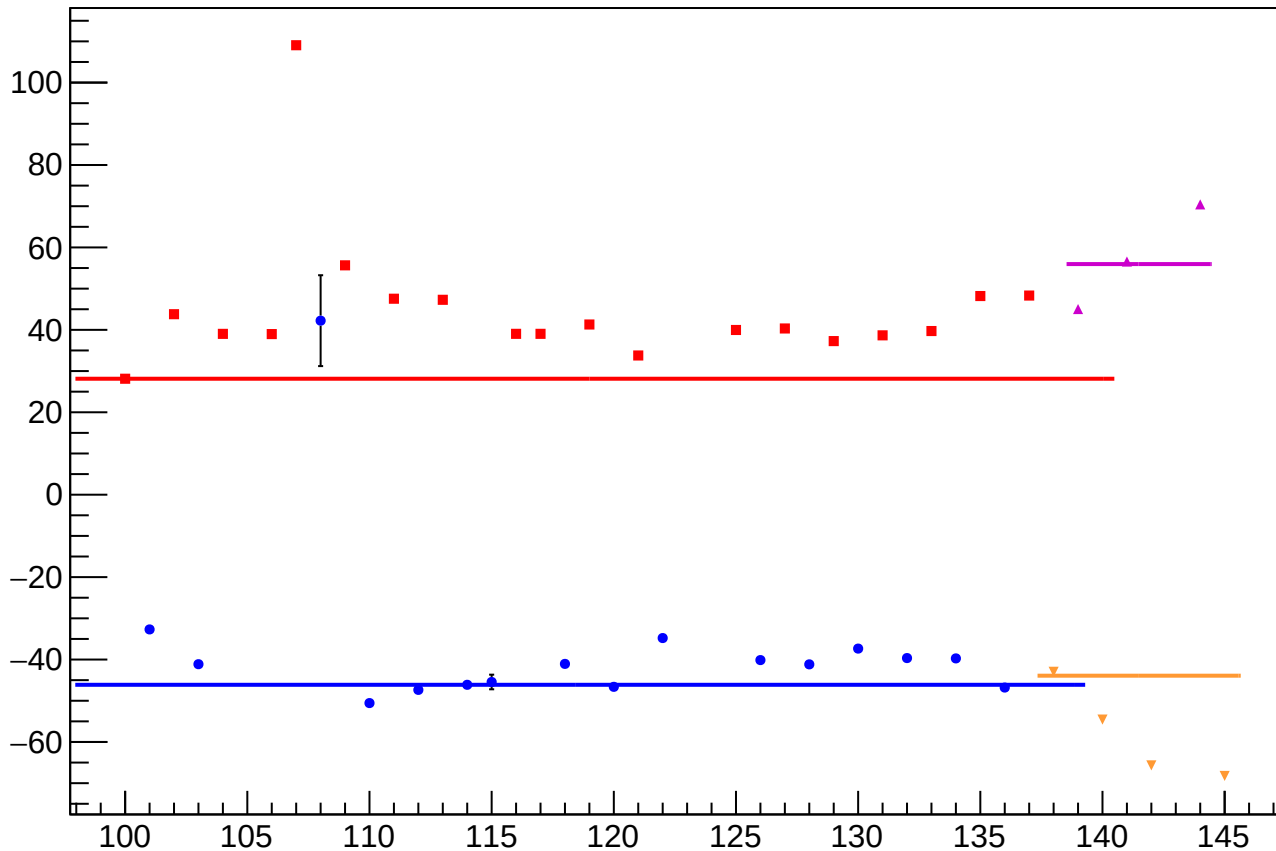
Left In: -300.903+/-0.402 χ^2/NDF : 11923.0/2

174.085+/-0.000 χ^2/NDF : 111060.9/19

174.085+/-0.000 χ^2/NDF : 4437109.3/41

-178.775+/-0.176 χ^2/NDF : 294008.3/21

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126+/-0.000 χ^2/NDF : 201273.7/15

Left Out: -43.917+/-0.018 χ^2/NDF : 44470.7/3

Right Out: 28.139+/-0.000 χ^2/NDF : 747096.2/18

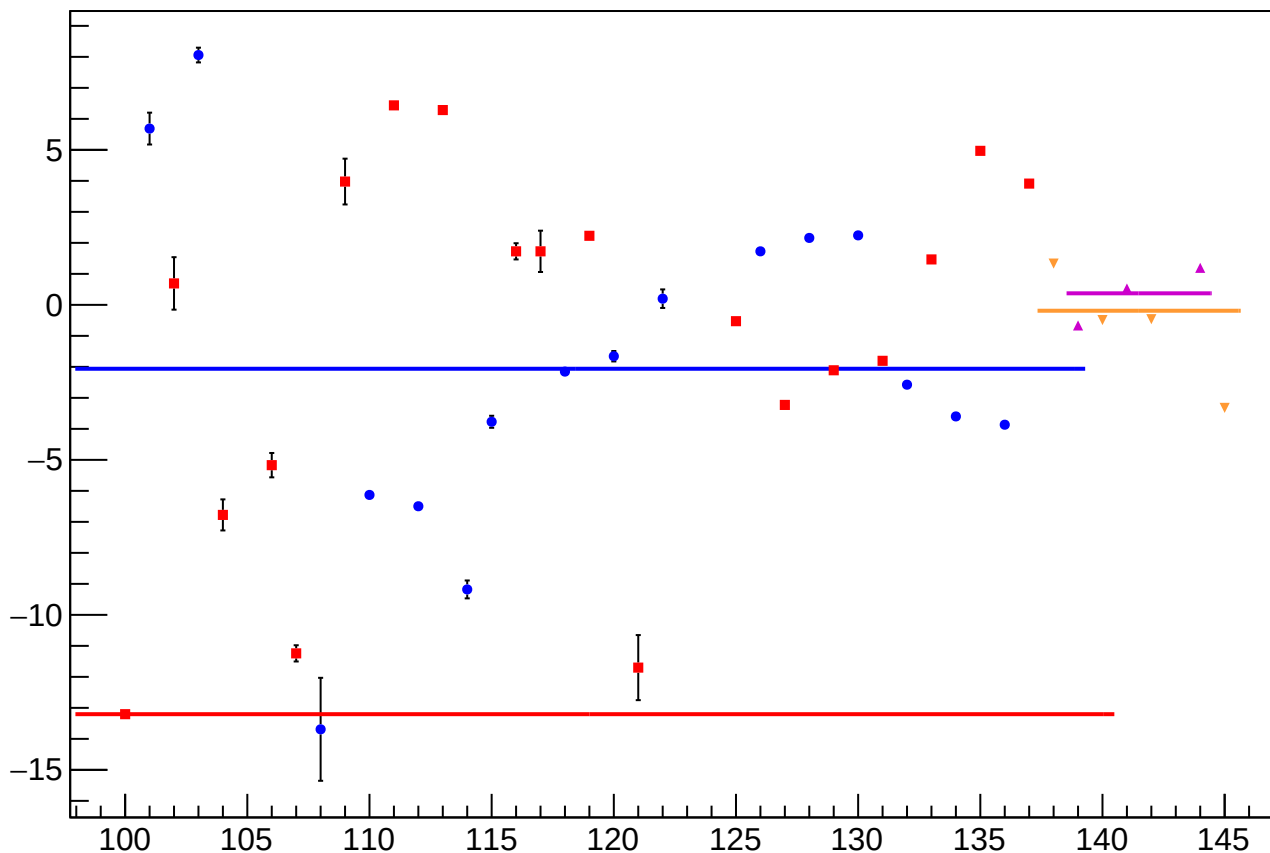
Left In: 55.961+/-0.043 χ^2/NDF : 18447.5/2

-46.126+/-0.000 χ^2/NDF : 260684.0/19

-19.915+/-0.000 χ^2/NDF : 424121047777

28.139+/-0.000 χ^2/NDF : 1180366.3/21

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -0.189 ± 0.025 χ^2/NDF : 2012.0/3

Right Out: -13.204 ± 0.000 χ^2/NDF : 510223.0/18

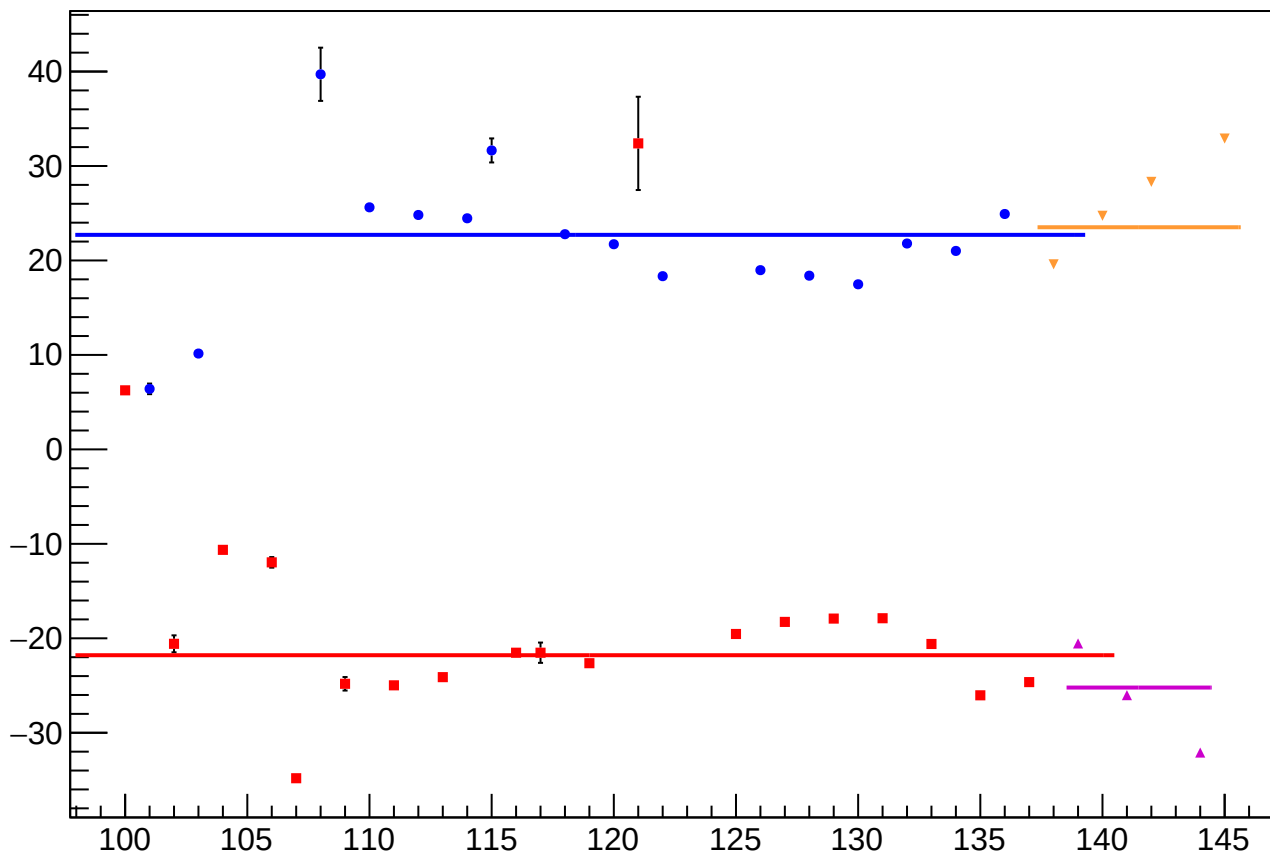
Left In: 0.372 ± 0.021 χ^2/NDF : 833.0/2

-1.435 ± 0.015 χ^2/NDF : 31367.8/19

-13.204 ± 0.000 χ^2/NDF : 1600236.4/41

-13.204 ± 0.000 χ^2/NDF : 913534.5/21

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711 ± 0.019 χ^2/NDF : 22767.9/15

Left Out: 23.516 ± 0.045 χ^2/NDF : 6925.2/3

Right Out: -21.790 ± 0.022 χ^2/NDF : 26671.0/18

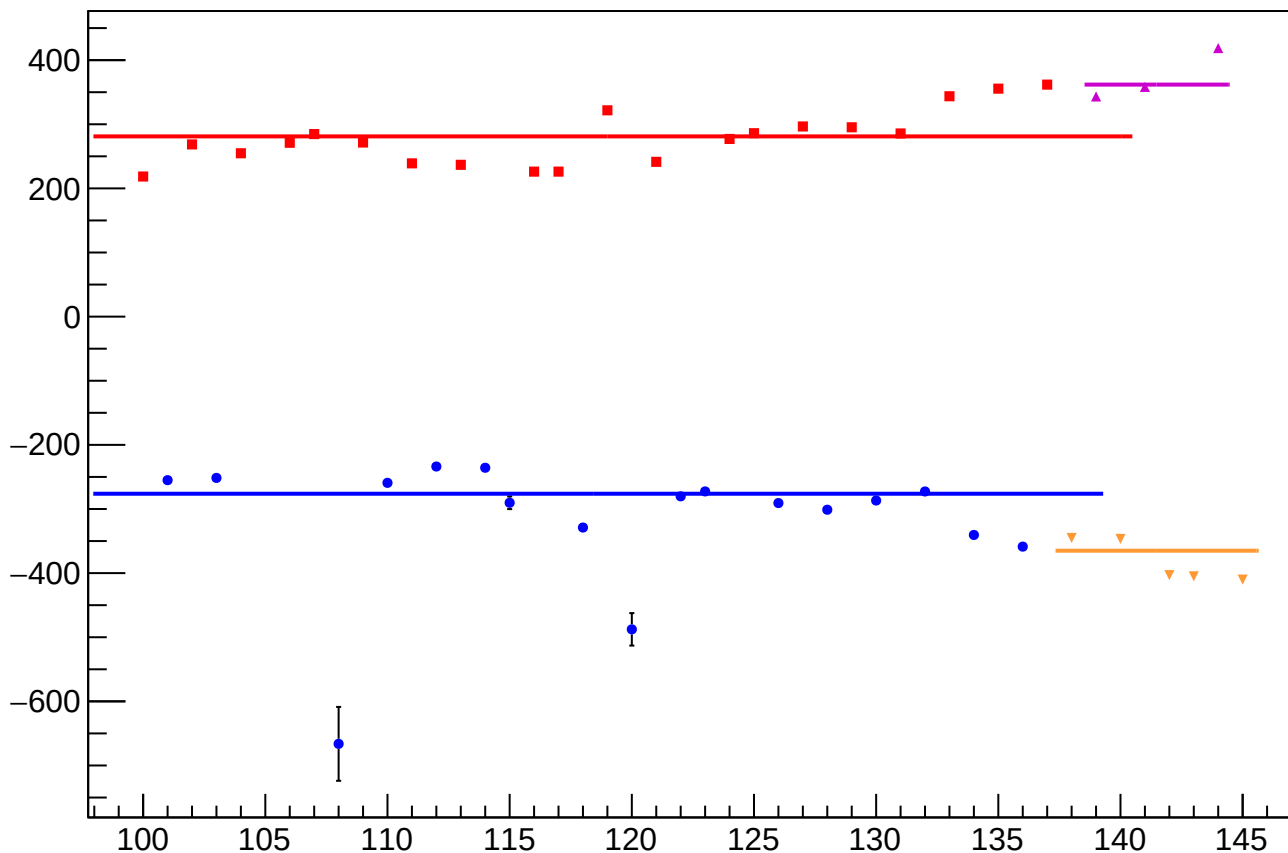
Left In: -25.214 ± 0.039 χ^2/NDF : 7647.6/2

22.830 ± 0.017 χ^2/NDF : 29967.4/19

2.093 ± 0.013 χ^2/NDF : 3215896.0/41

-22.580 ± 0.019 χ^2/NDF : 40159.9/21

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201 ± 0.167 $\chi^2/\text{NDF}: 58107.7/16$

Left Out: -365.039 ± 0.295 $\chi^2/\text{NDF}: 8742.8/4$

Right Out: 281.109 ± 0.147 $\chi^2/\text{NDF}: 77714.4/19$

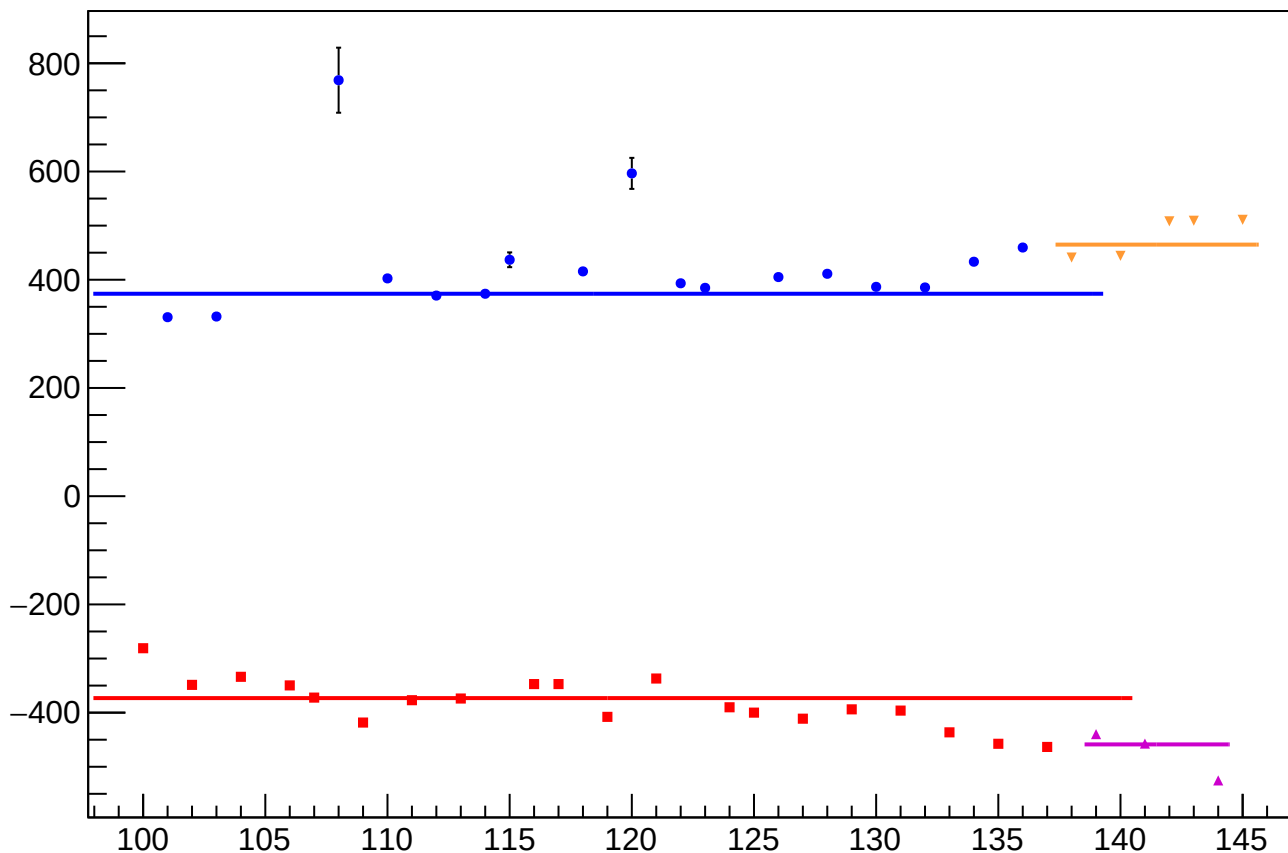
Left In: 361.859 ± 0.246 $\chi^2/\text{NDF}: 11043.3/2$

-297.691 ± 0.145 $\chi^2/\text{NDF}: 135661.7/21$

43.086 ± 0.095 $\chi^2/\text{NDF}: 10027177.0/44$

302.445 ± 0.127 $\chi^2/\text{NDF}: 167947.2/22$

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF : 35072.0/16

Left Out: 464.909+/-0.317 χ^2/NDF : 9802.6/4

Right Out: -373.121+/-0.158 χ^2/NDF : 108233.2/19

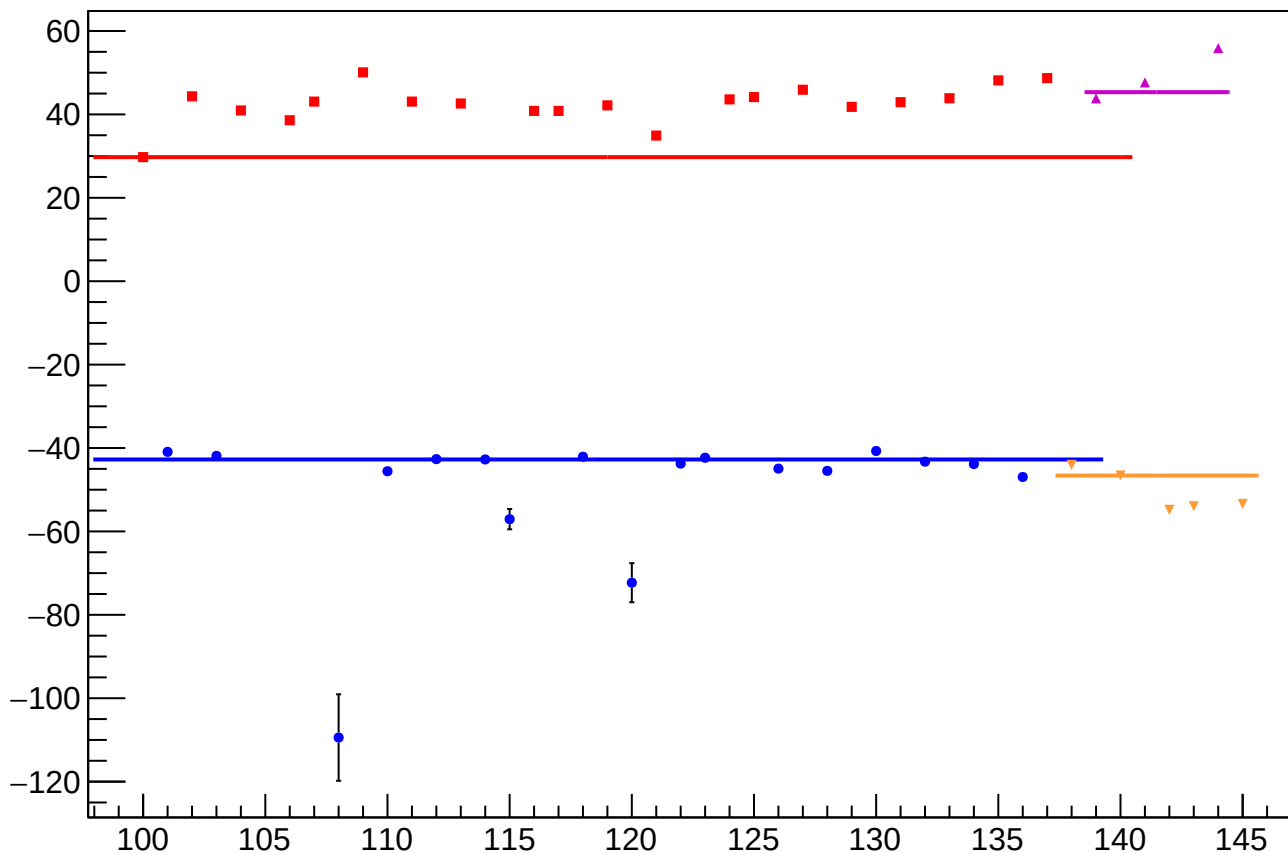
Left In: -458.684+/-0.260 χ^2/NDF : 11111.1/2

374.094+/-0.000 χ^2/NDF : 127006.6/21

374.094+/-0.000 χ^2/NDF : 32909686.9/44

-396.197+/-0.135 χ^2/NDF : 198530.2/22

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -46.606+/-0.020 χ^2/NDF : 40710.5/4

Right Out: 29.754+/-0.000 χ^2/NDF : 484074.9/19

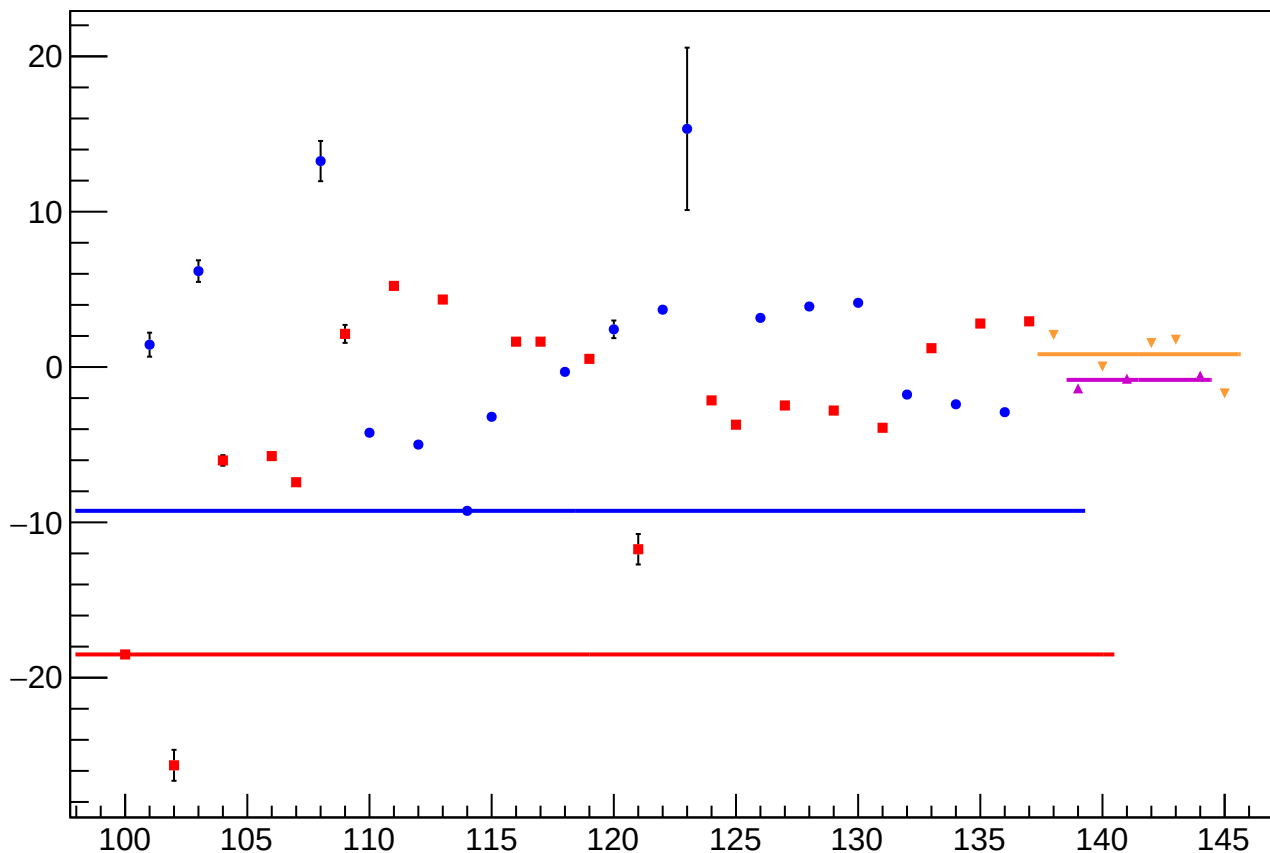
Left In: 45.333+/-0.022 χ^2/NDF : 17358.6/2

-42.744+/-0.000 χ^2/NDF : 90201.3/21

-17.157+/-0.000 χ^2/NDF : 404170008922

29.754+/-0.000 χ^2/NDF : 1020052.5/22

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259+/-0.000 χ^2/NDF : 405850.5/16

Left Out: 0.825+/-0.018 χ^2/NDF : 3736.8/4

Right Out: -18.504+/-0.000 χ^2/NDF : 7585770.7/19

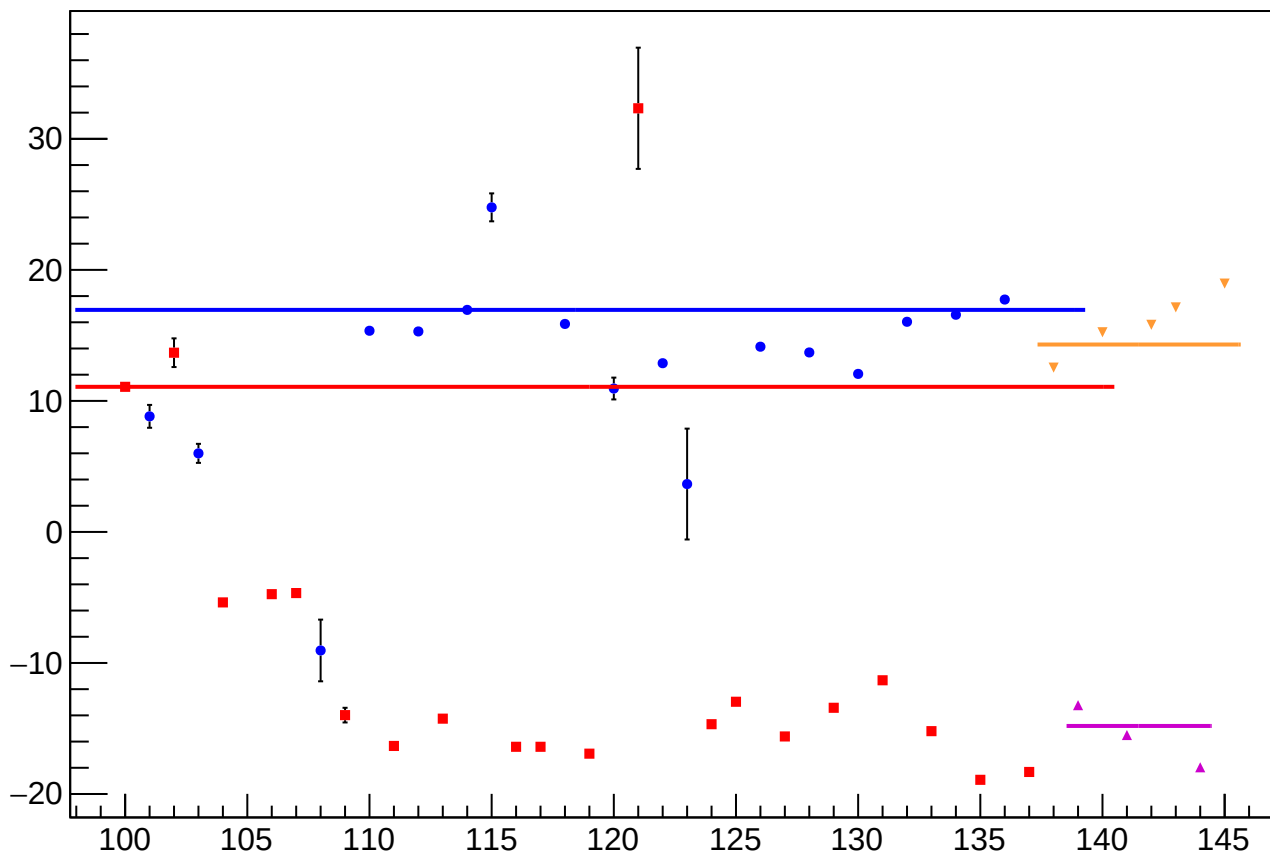
Left In: -0.827+/-0.019 χ^2/NDF : 214.8/2

-9.259+/-0.000 χ^2/NDF : 730182.3/21

-14.353+/-0.000 χ^2/NDF : 1824444798170

-18.504+/-0.000 χ^2/NDF : 8463669.4/22

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947 $\pm$ 0.000 χ^2/NDF : 11231.8/16

Left Out: 14.303 $\pm$ 0.020 χ^2/NDF : 8254.9/4

Right Out: 11.075 $\pm$ 0.000 χ^2/NDF : 2859461.1/19

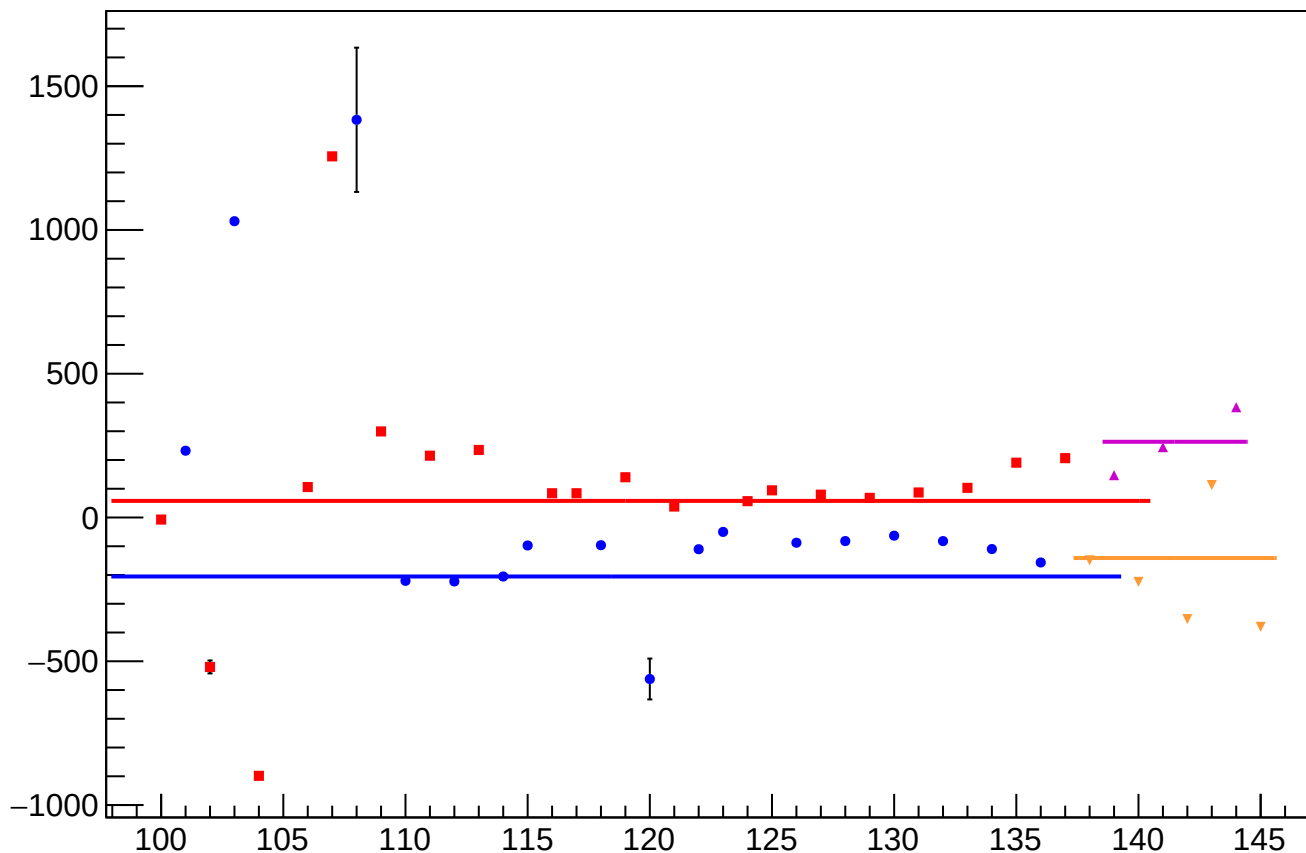
Left In: -14.807 $\pm$ 0.029 χ^2/NDF : 3084.9/2

16.947 $\pm$ 0.000 χ^2/NDF : 37001.7/21

12.920 $\pm$ 0.000 χ^2/NDF : 2060373135247

11.075 $\pm$ 0.000 χ^2/NDF : 3682970.8/22

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160 $\pm$ 0.000 χ^2/NDF : 582775.6/16

Left Out: -140.895 $\pm$ 0.550 χ^2/NDF : 40888.4/4

Right Out: 57.737 $\pm$ 0.283 χ^2/NDF : 114872.3/19

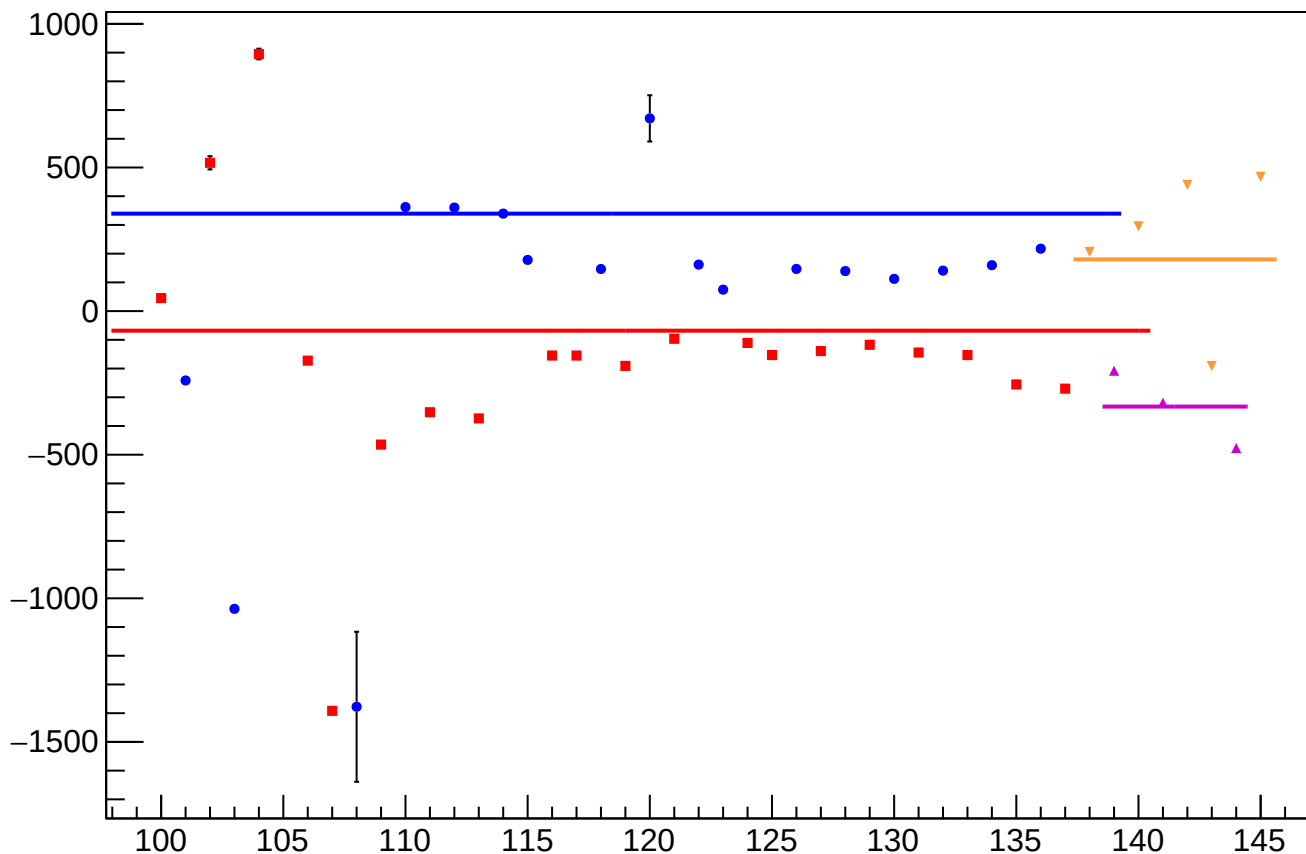
Left In: 263.331 $\pm$ 0.756 χ^2/NDF : 13390.0/2

-205.160 $\pm$ 0.000 χ^2/NDF : 637294.2/21

-205.160 $\pm$ 0.000 χ^2/NDF : 2011686.5/44

82.991 $\pm$ 0.265 χ^2/NDF : 193061.3/22

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325 ± 0.000 $\chi^2/\text{NDF}: 1030606.3/16$

Left Out: 180.062 ± 0.566 $\chi^2/\text{NDF}: 76560.5/4$

Right Out: -68.121 ± 0.286 $\chi^2/\text{NDF}: 272433.9/19$

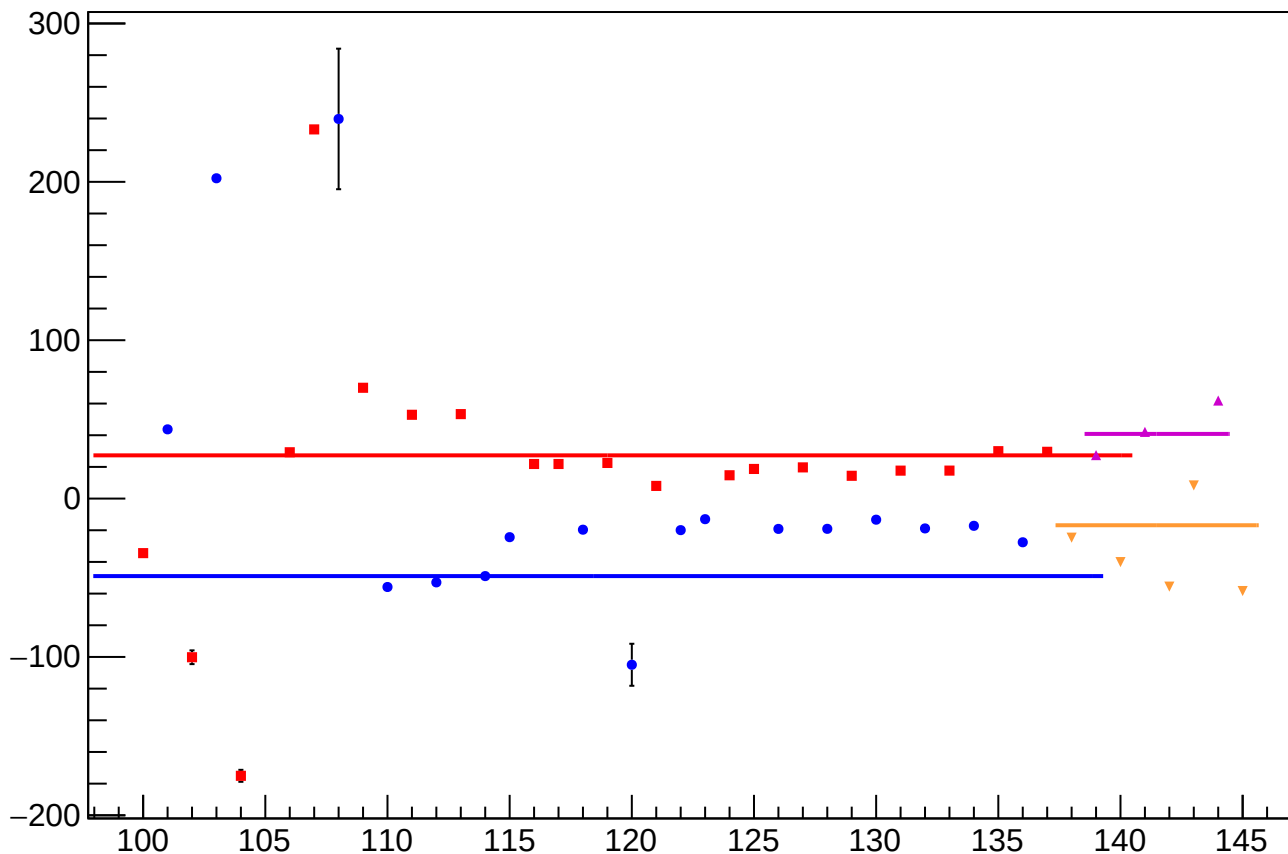
Left In: -332.488 ± 0.817 $\chi^2/\text{NDF}: 13658.4/2$

339.325 ± 0.000 $\chi^2/\text{NDF}: 1186280.8/21$

339.325 ± 0.000 $\chi^2/\text{NDF}: 4179964.0/44$

-96.993 ± 0.270 $\chi^2/\text{NDF}: 379459.8/22$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945 ± 0.000 χ^2/NDF : 5408370.4/16

Left Out: -16.842 ± 0.021 χ^2/NDF : 527483.2/4

Right Out: 27.292 ± 0.052 χ^2/NDF : 167901.6/19

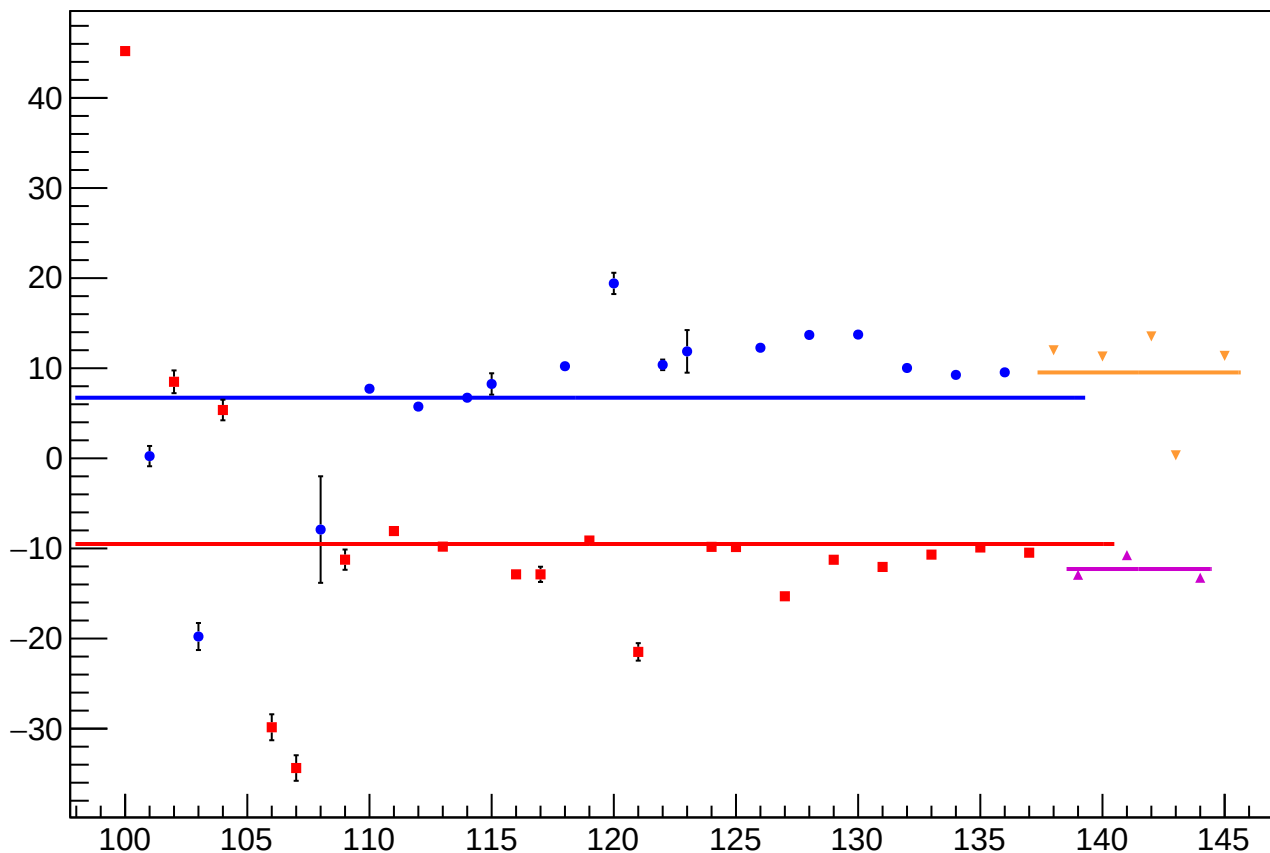
Left In: 40.831 ± 0.064 χ^2/NDF : 17504.3/2

-48.945 ± 0.000 χ^2/NDF : 8260917.8/21

-48.945 ± 0.000 χ^2/NDF : 12619633.2/44

32.675 ± 0.040 χ^2/NDF : 212727.7/22

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 9.533 $\pm$ 0.035 χ^2 /NDF: 20365.8/4

Right Out: -9.508 $\pm$ 0.036 χ^2 /NDF: 26838.0/19

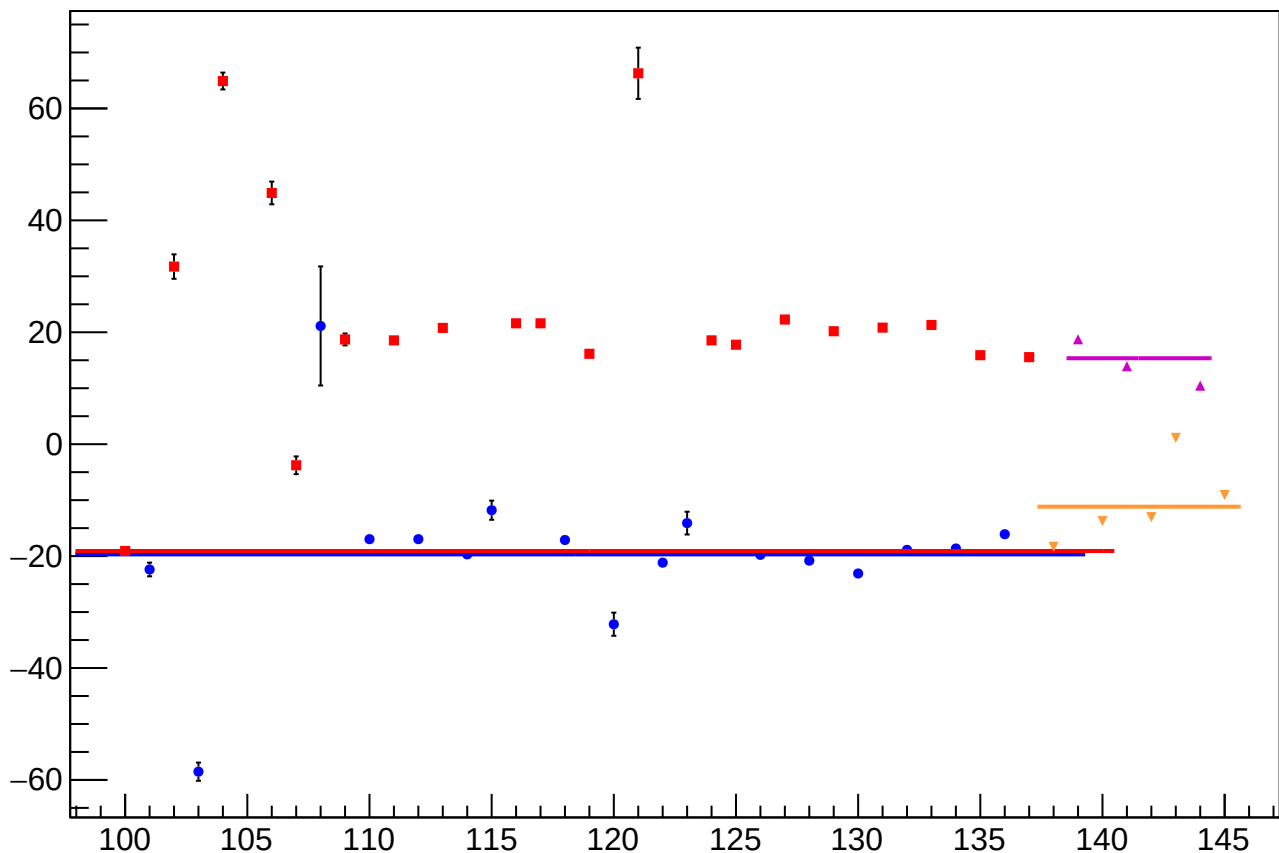
Left In: -12.282 $\pm$ 0.047 χ^2 /NDF: 555.4/2

6.728 $\pm$ 0.000 χ^2 /NDF: 40722.2/21

6.728 $\pm$ 0.000 χ^2 /NDF: 437526.7/44

-10.510 $\pm$ 0.028 χ^2 /NDF: 29588.0/22

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF : 7579.0/16

Left Out: -11.170+/-0.050 χ^2/NDF : 16889.5/4

Right Out: -19.086+/-0.000 χ^2/NDF : 614503.5/19

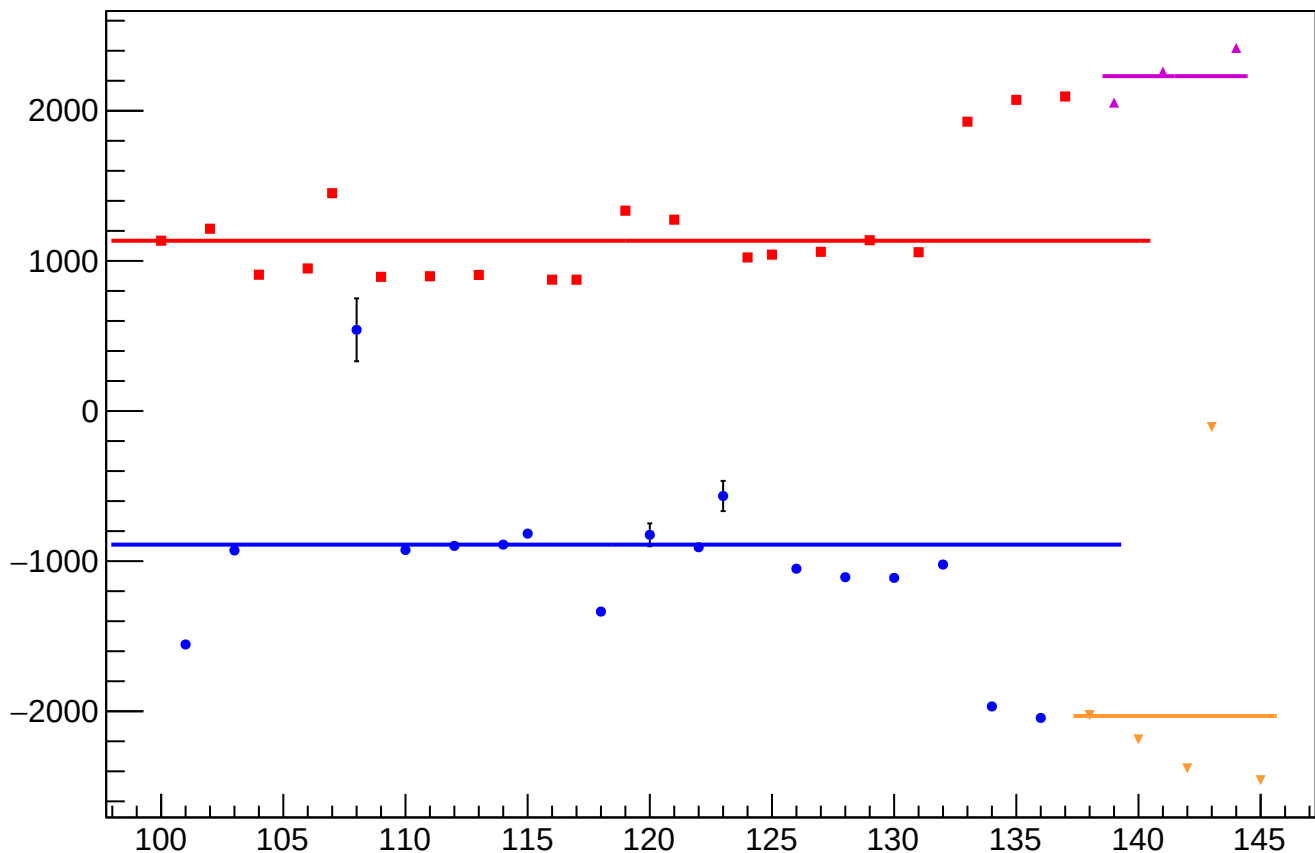
Left In: 15.359+/-0.071 χ^2/NDF : 2251.6/2

-19.693+/-0.000 χ^2/NDF : 53829.3/21

-19.479+/-0.000 χ^2/NDF : 113264166208

-19.086+/-0.000 χ^2/NDF : 849398.4/22

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2031.170+/-1.172 χ^2/NDF : 253941.6/4

Right Out: 1134.421+/-0.000 χ^2/NDF : 735976.1/19

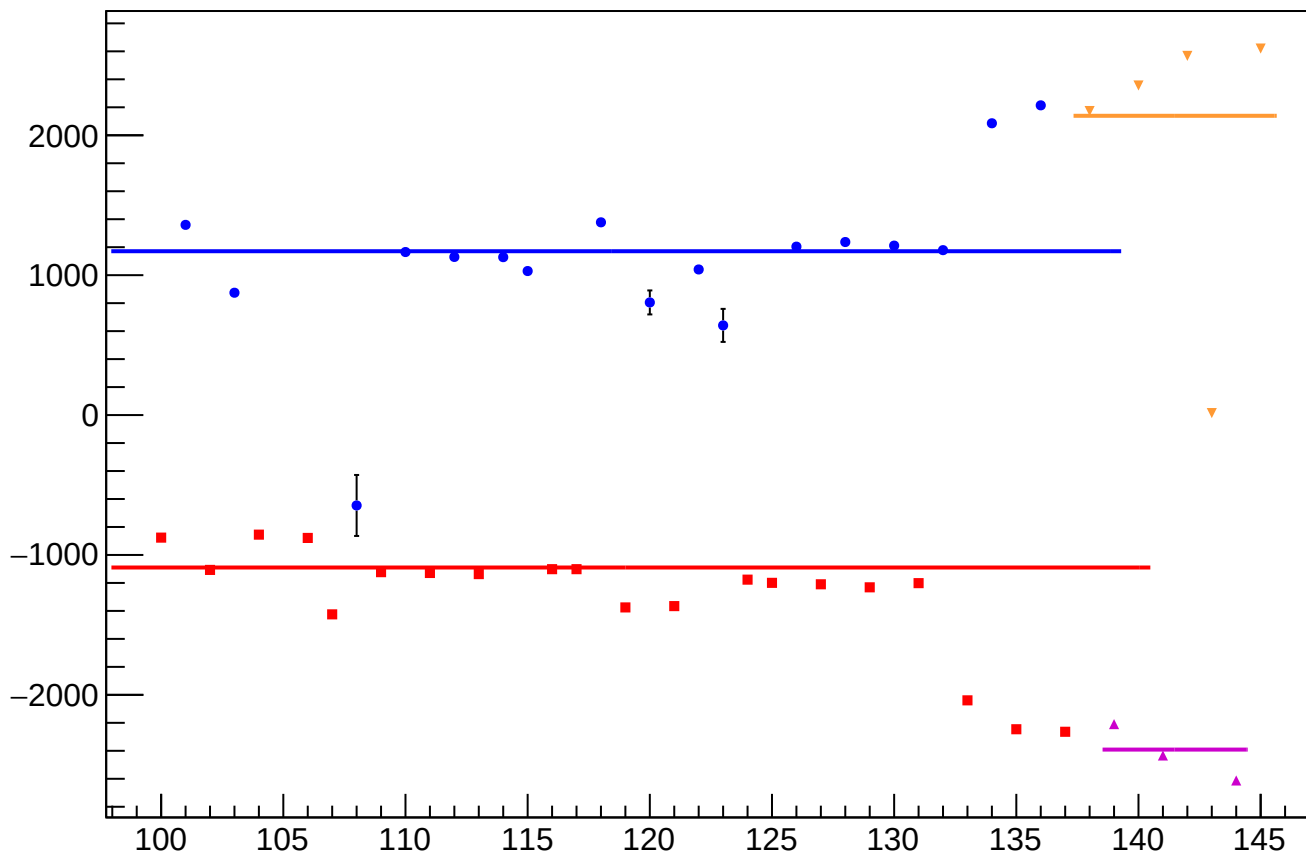
Left In: 2230.623+/-1.134 χ^2/NDF : 18825.5/2

-889.928+/-0.000 χ^2/NDF : 1978268.1/21

-175.452+/-0.000 χ^2/NDF : 30774122941

1134.421+/-0.000 χ^2/NDF : 1688580.8/22

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188 $\pm$ 0.245 χ^2/NDF : 508989.2/16

Left Out: 2139.278 $\pm$ 1.239 χ^2/NDF : 295441.3/4

Right Out: -1089.717 $\pm$ 0.253 χ^2/NDF : 1100324.0/19

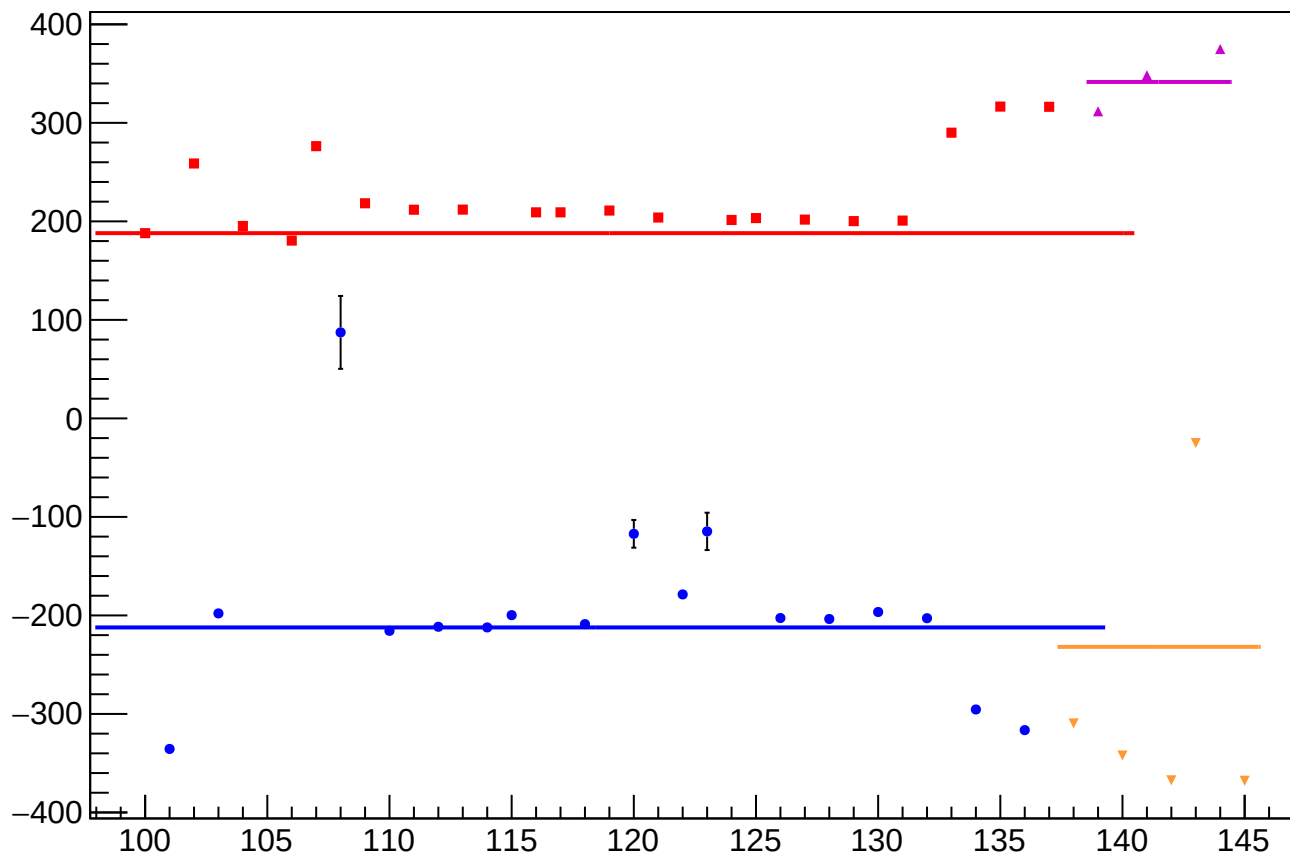
Left In: -2391.271 $\pm$ 1.232 χ^2/NDF : 18326.3/2

1207.716 $\pm$ 0.241 χ^2/NDF : 1391770.6/21

68.292 $\pm$ 0.173 χ^2/NDF : 49801795.4/44

-1142.483 $\pm$ 0.248 χ^2/NDF : 2188970.7/22

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2/NDF : 1149195.1/16

Left Out: -231.898+/-0.060 χ^2/NDF : 4905487.5/4

Right Out: 188.033+/-0.000 χ^2/NDF : 602532.6/19

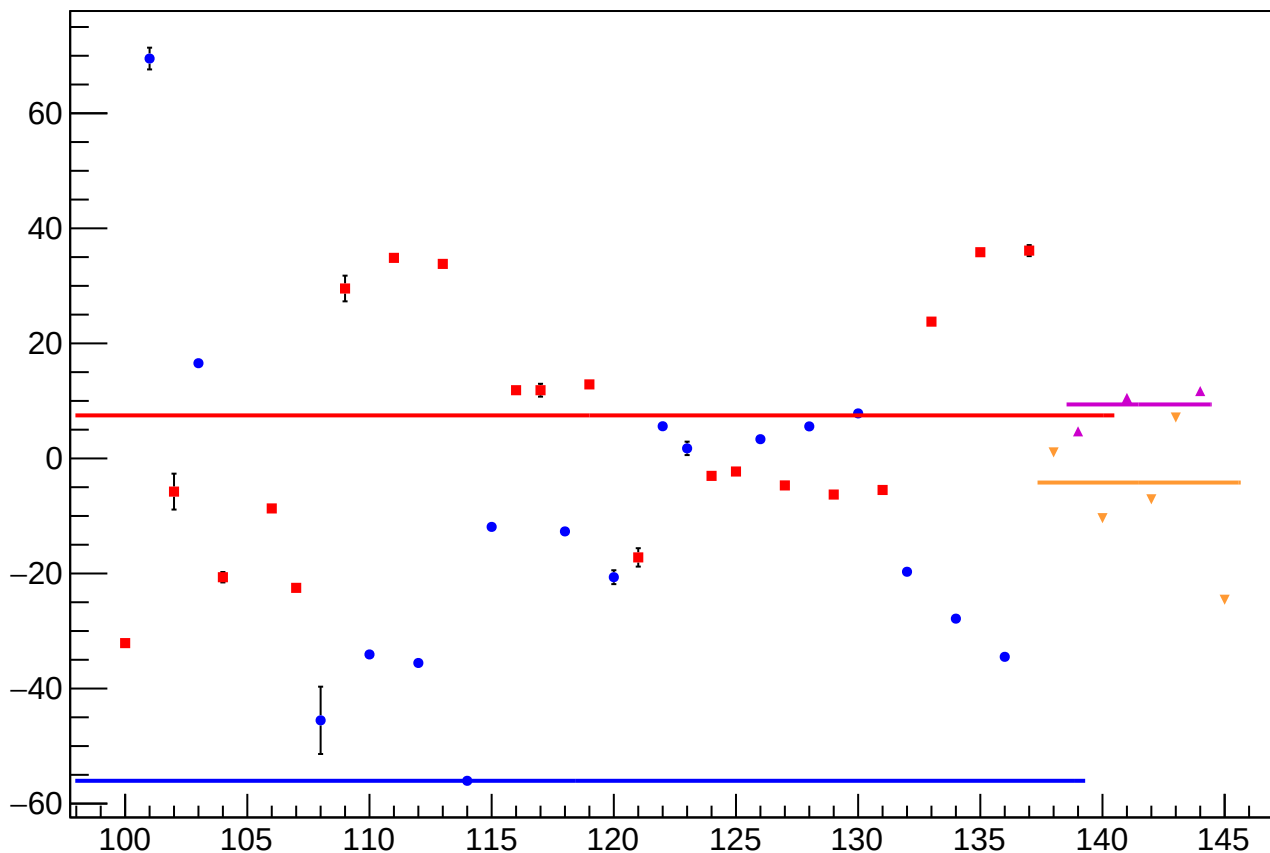
Left In: 341.516+/-0.098 χ^2/NDF : 37541.1/2

-212.190+/-0.000 χ^2/NDF : 6164005.4/21

62.249+/-0.000 χ^2/NDF : 3739212703286

188.033+/-0.000 χ^2/NDF : 3080739.2/22

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037±/0.000 χ^2/NDF : 1585420.7/16

Left Out: -4.190±/0.092 χ^2/NDF : 8676.8/4

Right Out: 7.483±/0.042 χ^2/NDF : 173909.3/19

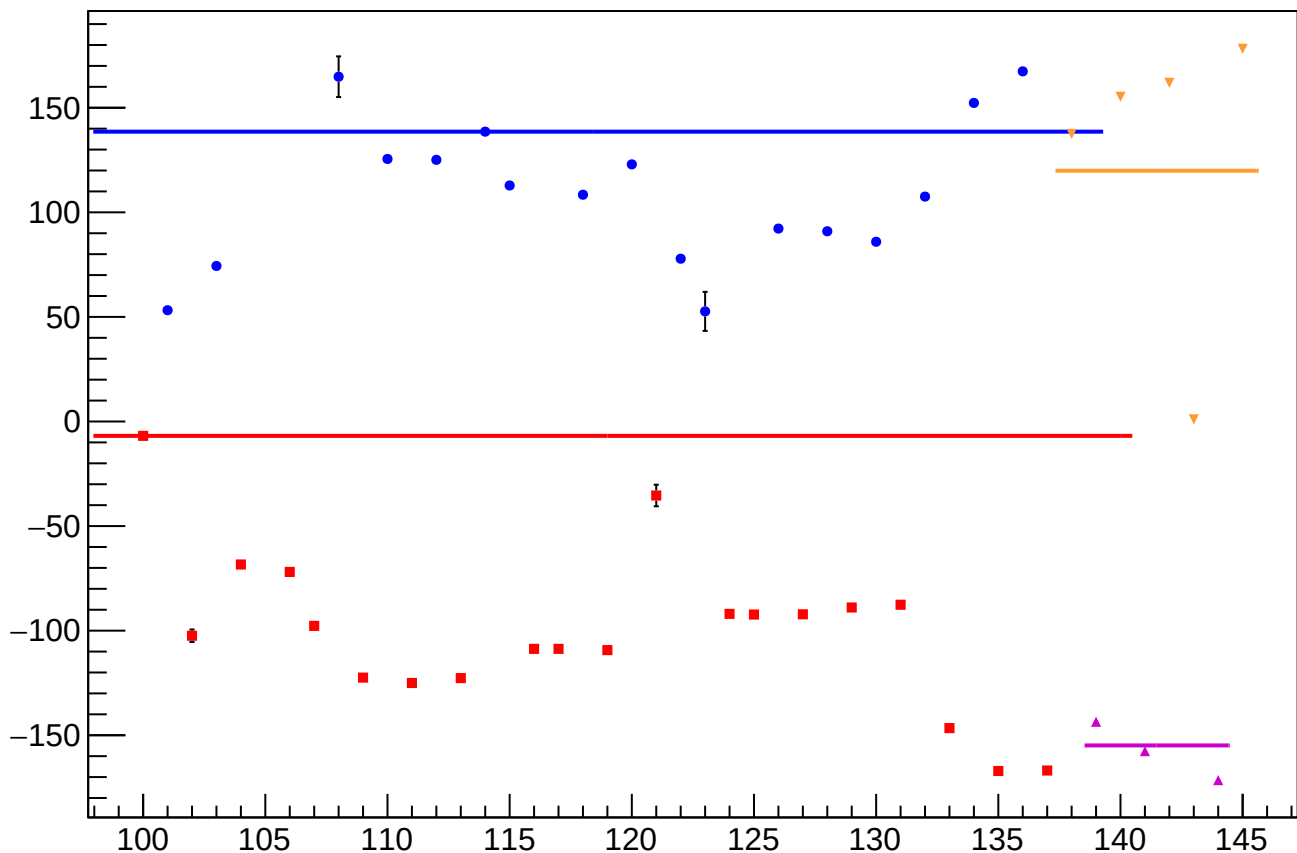
Left In: 9.386±/0.076 χ^2/NDF : 1108.7/2

-56.037±/0.000 χ^2/NDF : 1911458.0/21

-56.037±/0.000 χ^2/NDF : 5098802.7/44

7.930±/0.037 χ^2/NDF : 175497.7/22

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565 +/- 0.000 χ^2/NDF : 901159.7/16

Left Out: 119.896 +/- 0.126 χ^2/NDF : 268308.7/4

Right Out: -6.866 +/- 0.000 χ^2/NDF : 8049995.3/19

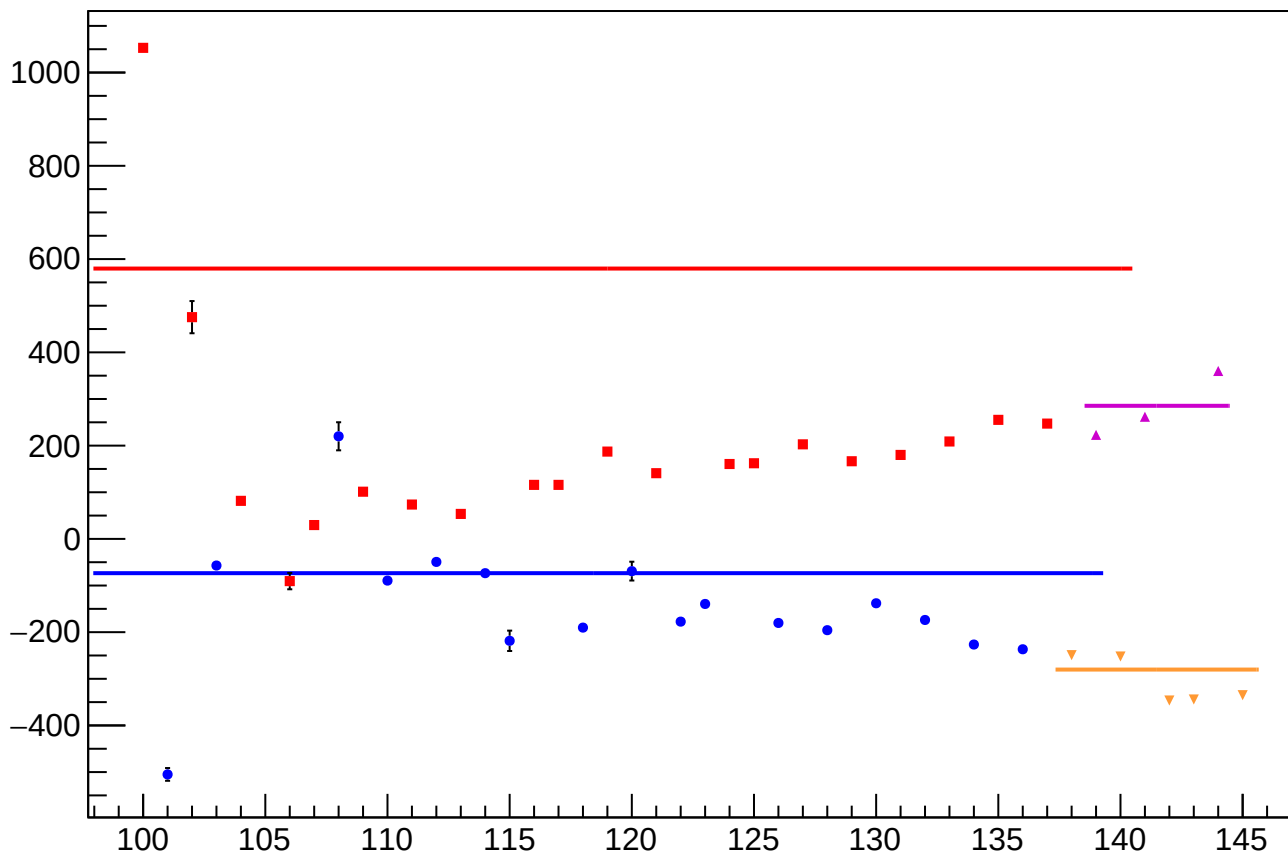
Left In: -154.873 +/- 0.093 χ^2/NDF : 7489.2/2

138.565 +/- 0.000 χ^2/NDF : 1191459.6/21

-6.606 +/- 0.000 χ^2/NDF : 2874933987256

-6.866 +/- 0.000 χ^2/NDF : 10573585.3/22

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF : 98703.2/16

Left Out: -280.189+/-0.488 χ^2/NDF : 7998.2/4

Right Out: 579.681+/-0.261 χ^2/NDF : 3035573.4/19

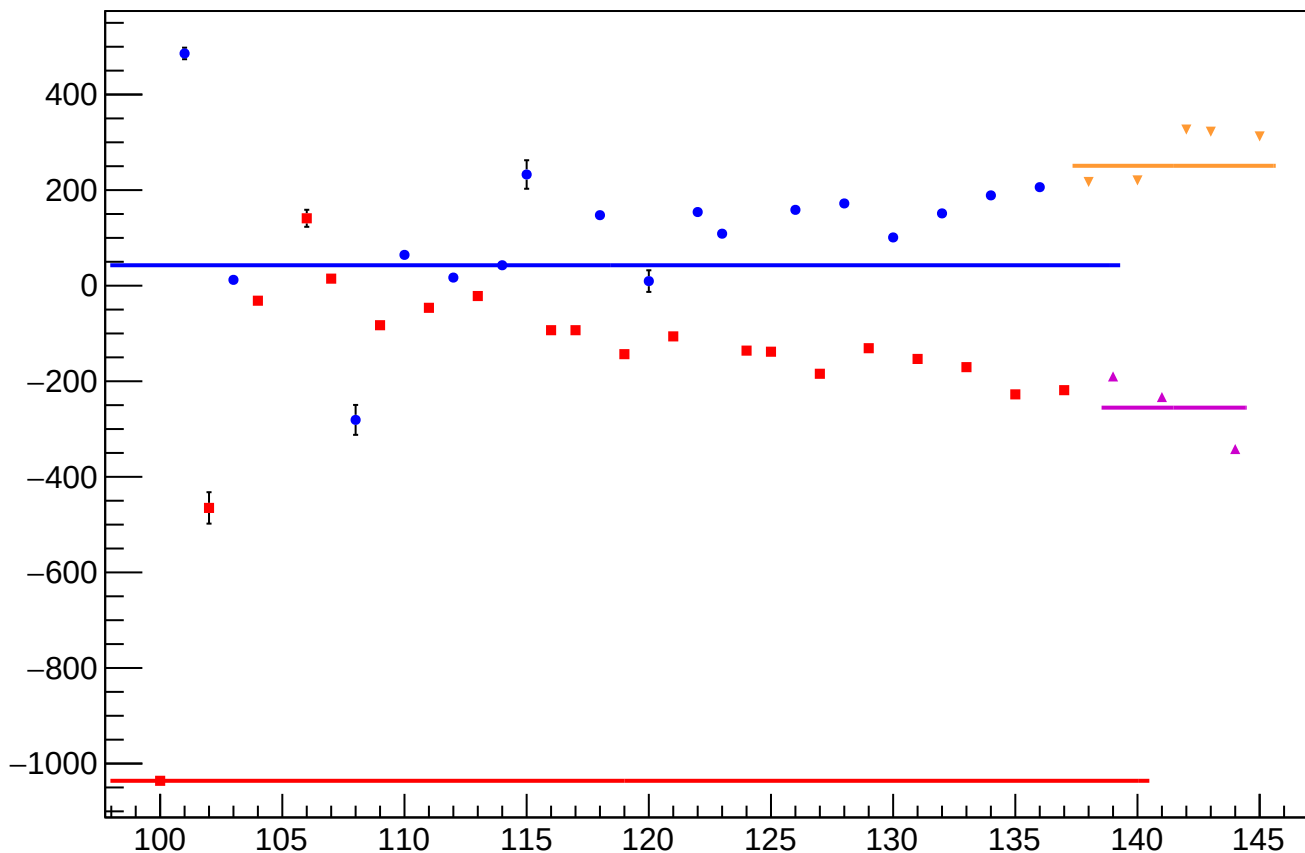
Left In: 285.395+/-0.559 χ^2/NDF : 7309.6/2

-73.485+/-0.000 χ^2/NDF : 286414.9/21

-73.485+/-0.000 χ^2/NDF : 10015339.7/44

527.036+/-0.236 χ^2/NDF : 3270698.7/22

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 250.878+/-0.510 χ^2/NDF : 9014.5/4

Right Out: -1036.068+/-0.000 χ^2/NDF : 4943495.9/19

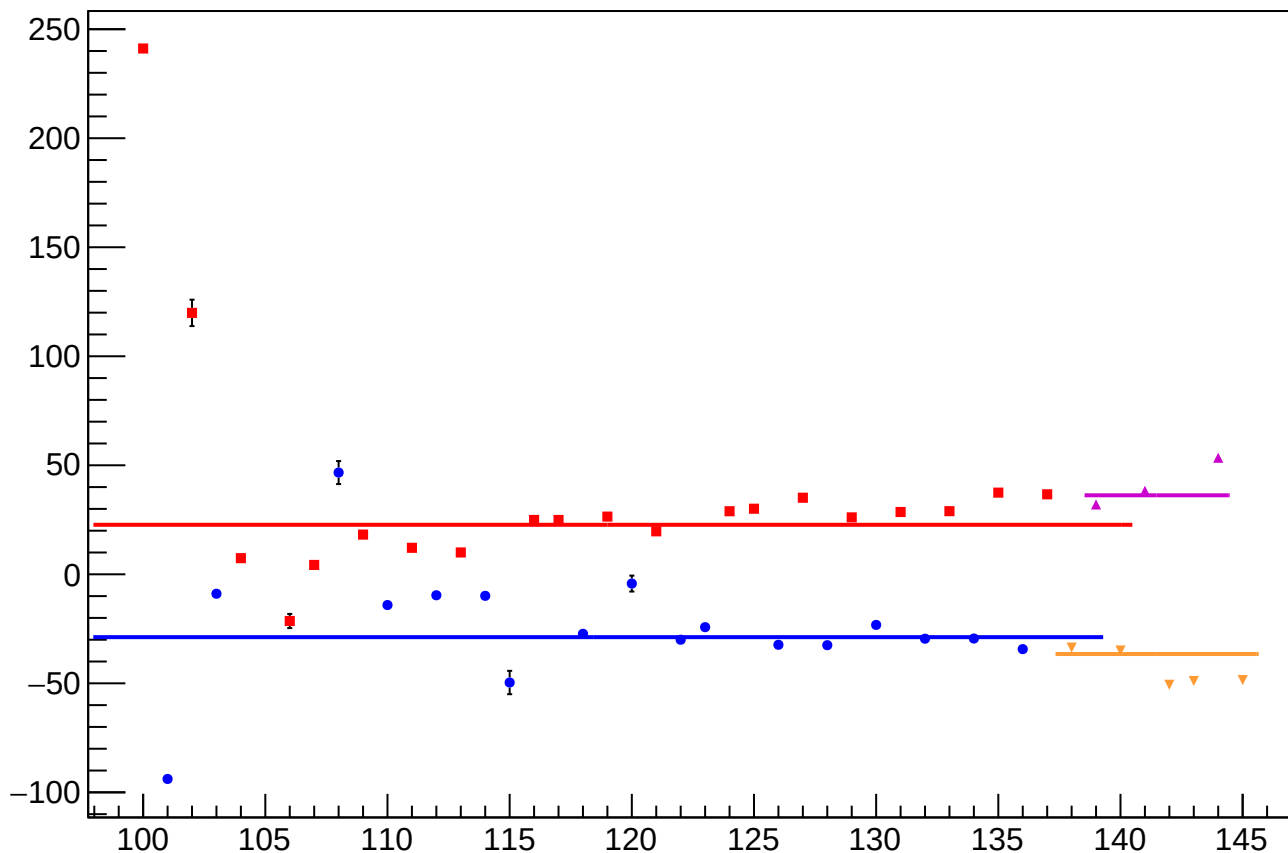
Left In: -255.237+/-0.590 χ^2/NDF : 7514.8/2

42.743+/-0.000 χ^2/NDF : 260143.3/21

42.169+/-0.000 χ^2/NDF : 1349990775639

-1036.068+/-0.000 χ^2/NDF : 6701873.6/22

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822+/-0.035 χ^2/NDF : 49503.4/16

Left Out: -36.561+/-0.032 χ^2/NDF : 34384.0/4

Right Out: 22.709+/-0.038 χ^2/NDF : 410178.0/19

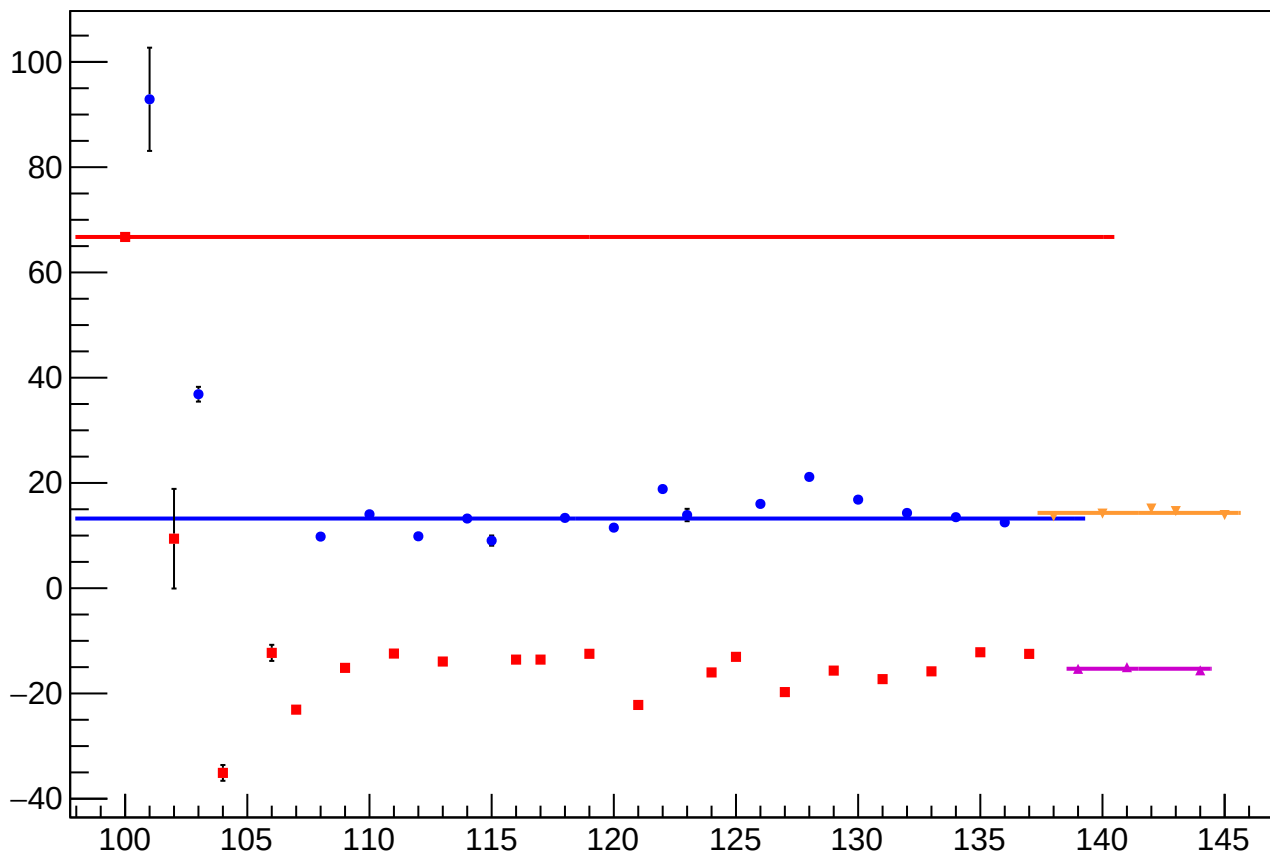
Left In: 36.237+/-0.043 χ^2/NDF : 17912.7/2

-32.977+/-0.024 χ^2/NDF : 110528.4/21

-7.977+/-0.018 χ^2/NDF : 3348152.0/44

28.602+/-0.029 χ^2/NDF : 483111.0/22

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238 ± 0.000 $\chi^2/\text{NDF}: 5756.1/16$

Left Out: 14.312 ± 0.035 $\chi^2/\text{NDF}: 130.1/4$

Right Out: 66.739 ± 0.000 $\chi^2/\text{NDF}: 3031217.4/19$

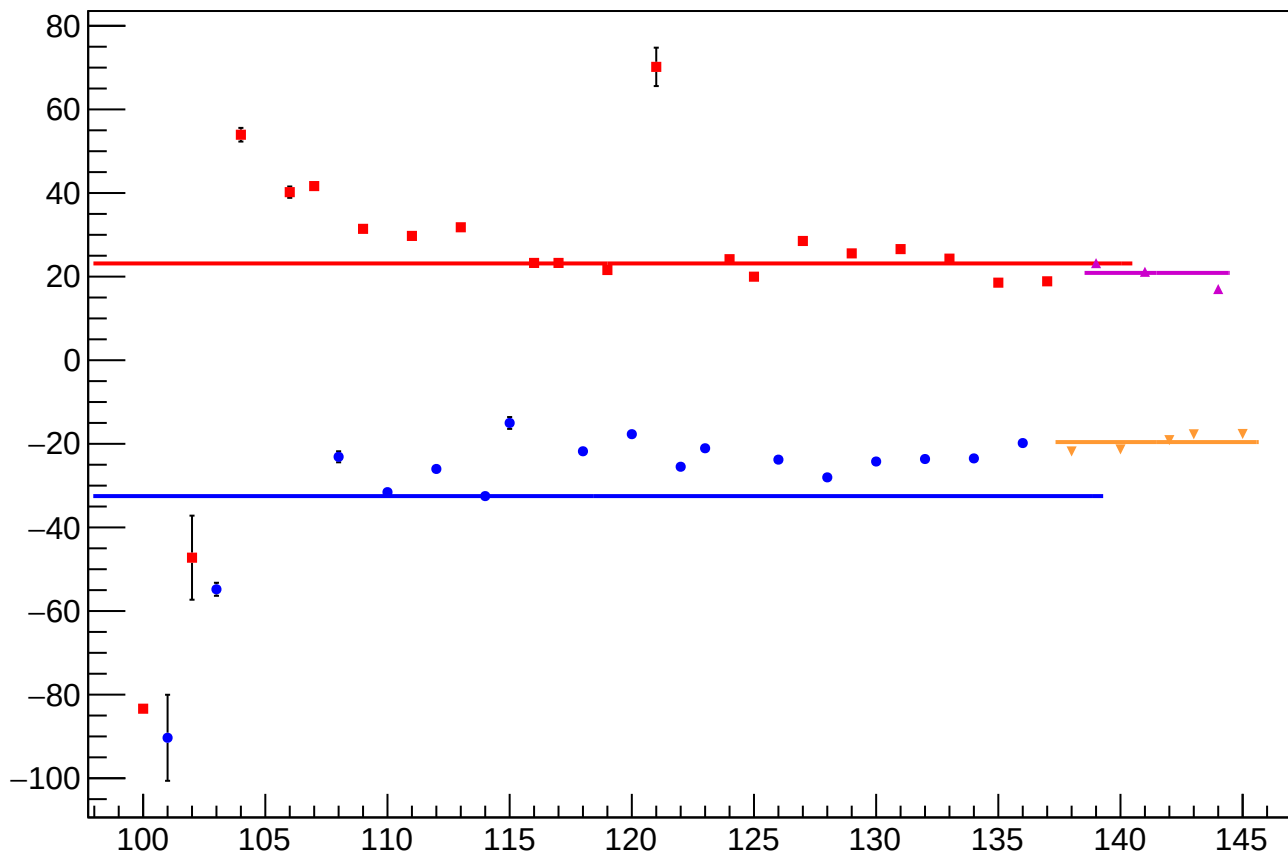
Left In: -15.303 ± 0.037 $\chi^2/\text{NDF}: 50.2/2$

13.238 ± 0.000 $\chi^2/\text{NDF}: 6825.4/21$

13.690 ± 0.000 $\chi^2/\text{NDF}: 8432486222043$

66.739 ± 0.000 $\chi^2/\text{NDF}: 8043871.0/22$

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504 +/- 0.000 χ^2/NDF : 74187.4/16

Left Out: -19.581 +/- 0.043 χ^2/NDF : 1771.7/4

Right Out: 23.151 +/- 0.048 χ^2/NDF : 90749.4/19

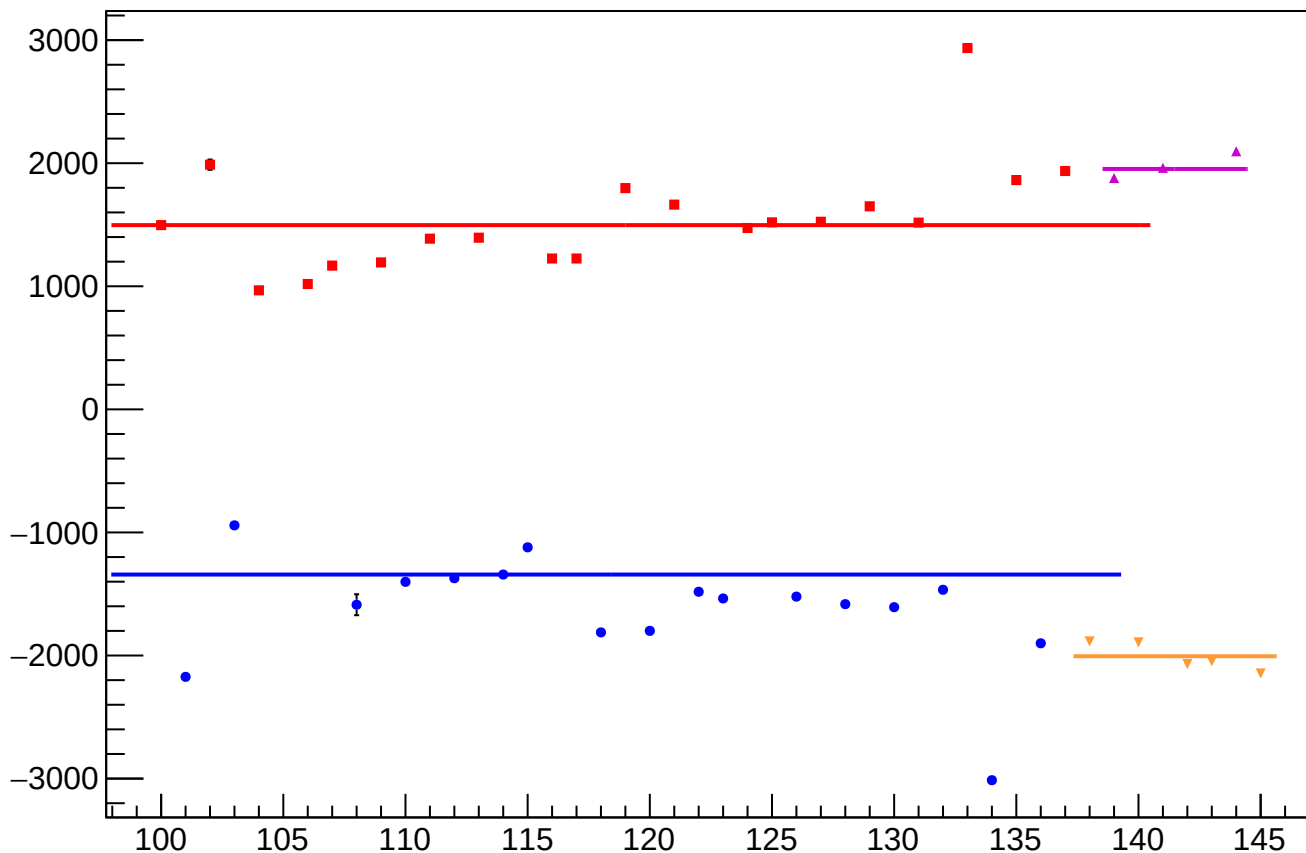
Left In: 20.890 +/- 0.065 χ^2/NDF : 1518.4/2

-32.504 +/- 0.000 χ^2/NDF : 164678.1/21

-32.504 +/- 0.000 χ^2/NDF : 2301700.4/44

22.362 +/- 0.038 χ^2/NDF : 93056.6/22

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -2005.959+/-1.028 χ^2/NDF : 9102.5/4

Right Out: 1496.932+/-0.000 χ^2/NDF : 505489.3/19

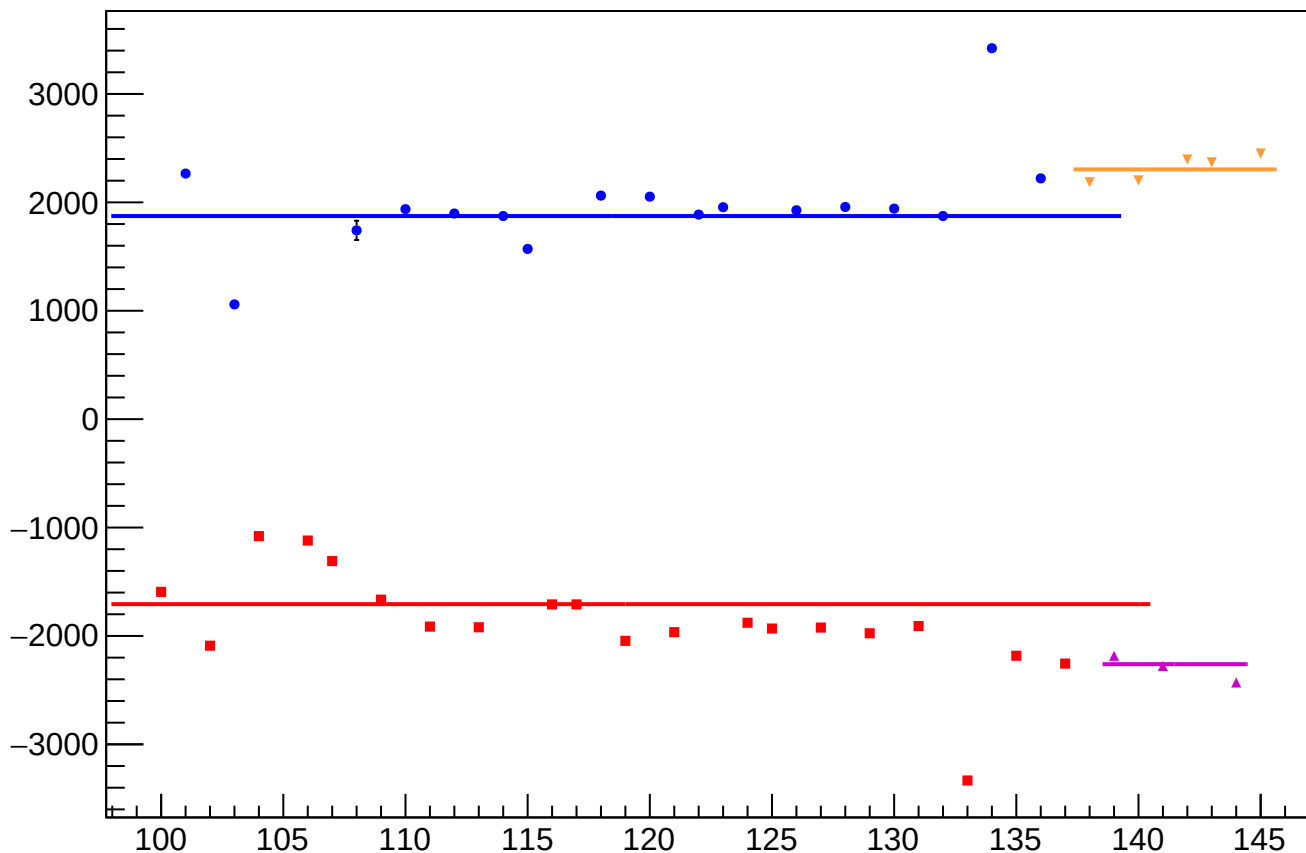
Left In: 1953.329+/-0.775 χ^2/NDF : 12501.2/2

-1342.107+/-0.000 χ^2/NDF : 796819.7/21

-340.094+/-0.000 χ^2/NDF : 60528151856

1496.932+/-0.000 χ^2/NDF : 864410.5/22

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852 +/- 0.000 χ^2/NDF : 201563.9/16

Left Out: 2304.023 +/- 1.142 χ^2/NDF : 7158.5/4

Right Out: -1706.740 +/- 0.302 χ^2/NDF : 837936.9/19

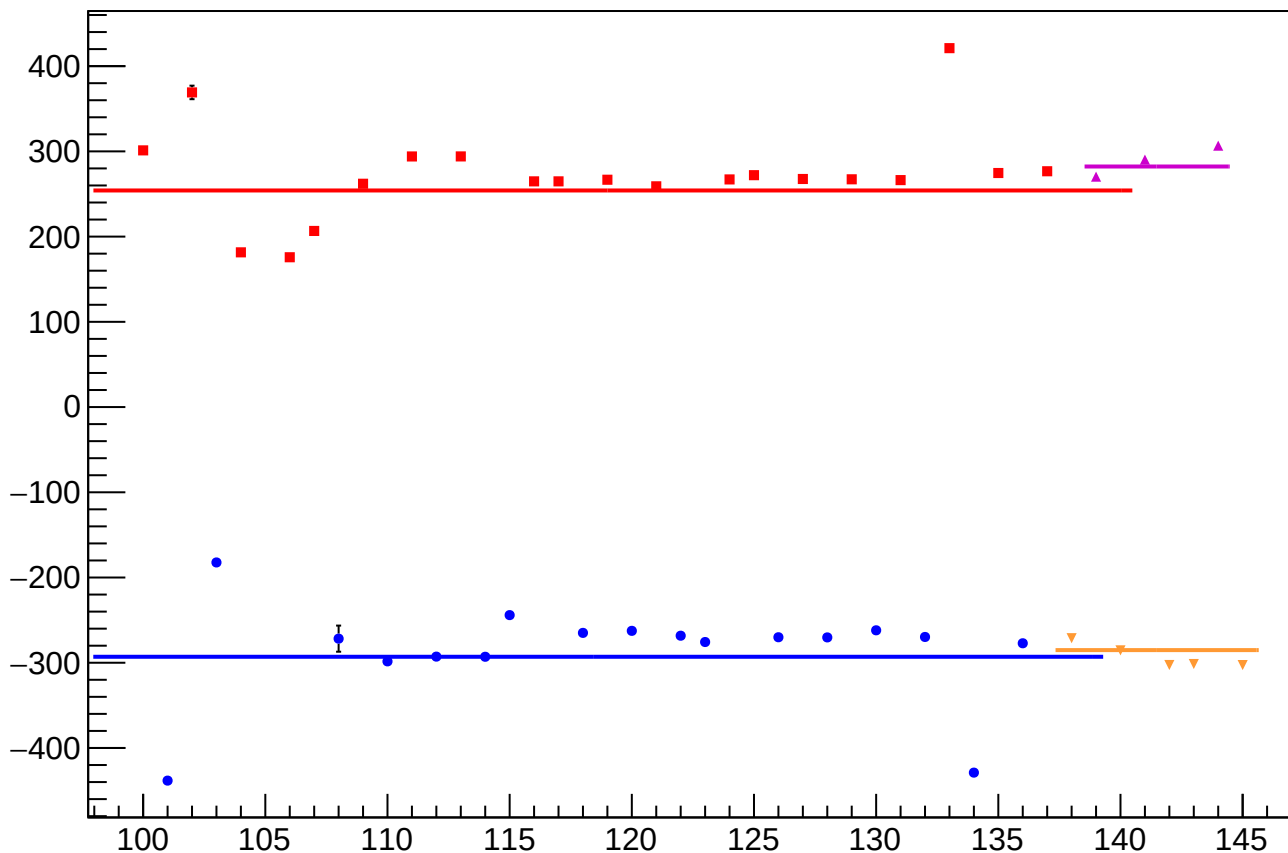
Left In: -2260.488 +/- 0.805 χ^2/NDF : 14079.7/2

1873.852 +/- 0.000 χ^2/NDF : 350512.3/21

1873.852 +/- 0.000 χ^2/NDF : 167872291.5/21

-1775.214 +/- 0.283 χ^2/NDF : 1266899.5/22

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF : 1015592.4/16

Left Out: -285.171+/-0.073 χ^2/NDF : 36326.7/4

Right Out: 254.127+/-0.059 χ^2/NDF : 502684.9/19

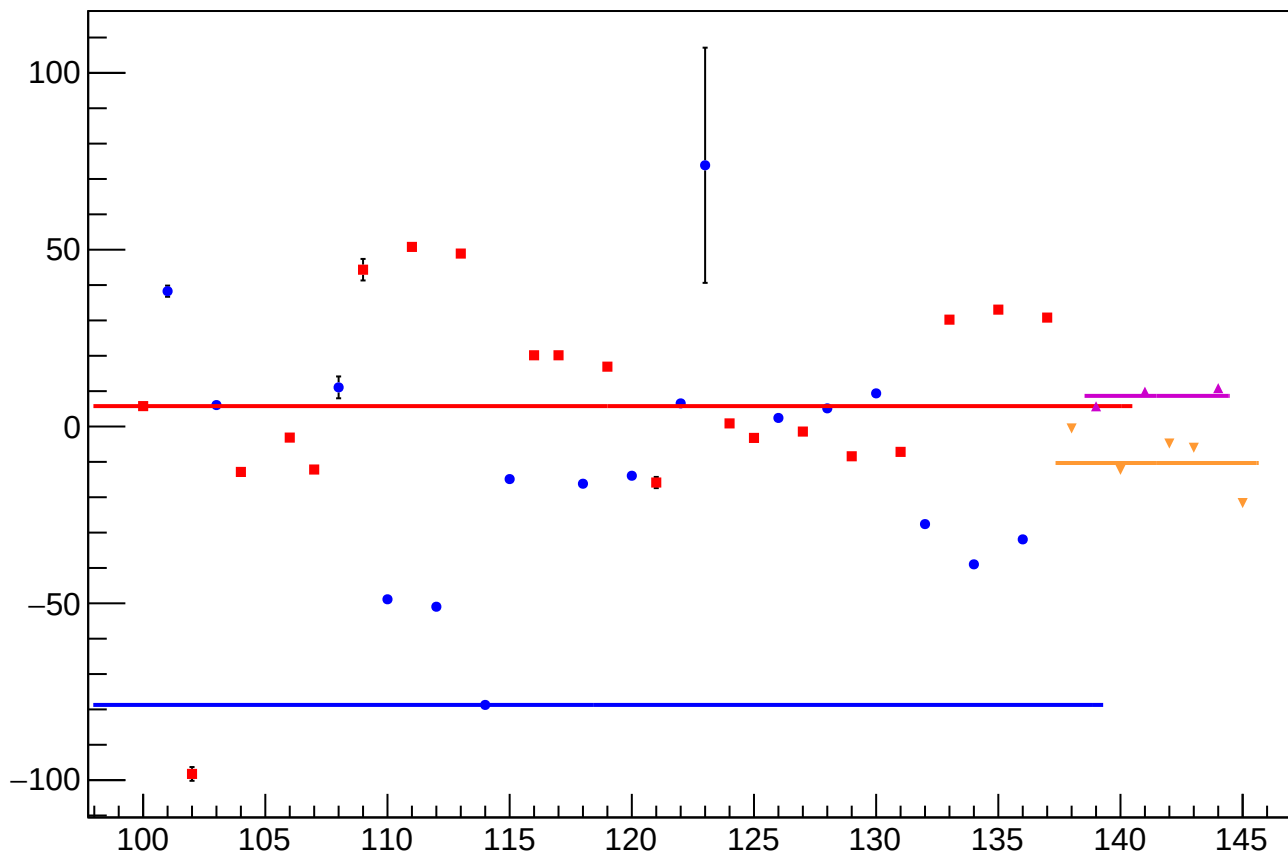
Left In: 282.246+/-0.059 χ^2/NDF : 45034.7/2

-292.986+/-0.000 χ^2/NDF : 1063230.1/21

-292.986+/-0.000 χ^2/NDF : 182320742.3/4

268.151+/-0.042 χ^2/NDF : 661089.4/22

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728 $\pm$ 0.000 χ^2 /NDF: 1399088.3/16

Left Out: -10.317 $\pm$ 0.073 χ^2 /NDF: 3184.2/4

Right Out: 5.769 $\pm$ 0.000 χ^2 /NDF: 111755.3/19

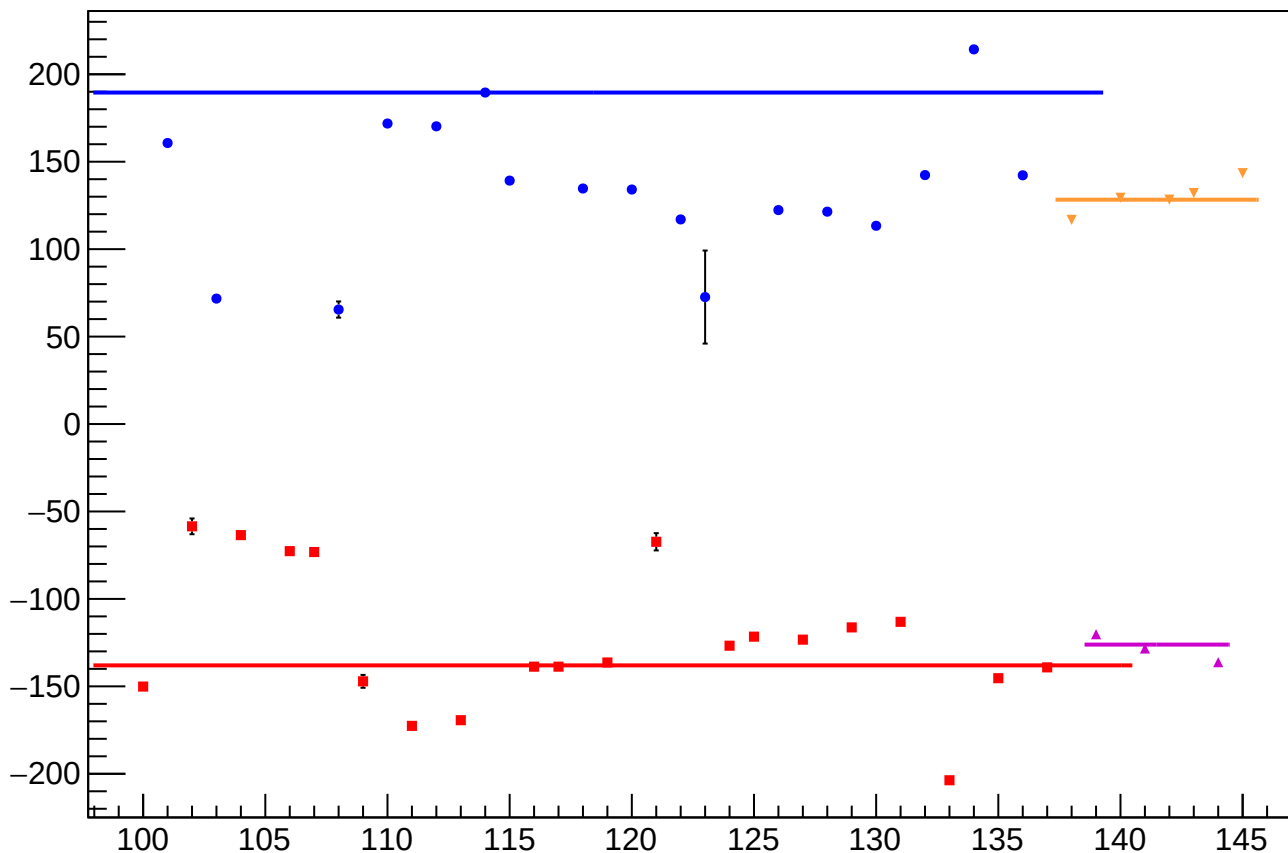
Left In: 8.664 $\pm$ 0.062 χ^2 /NDF: 1068.8/2

-78.728 $\pm$ 0.000 χ^2 /NDF: 2290570.7/21

5.169 $\pm$ 0.000 χ^2 /NDF: 38614083696031

5.769 $\pm$ 0.000 χ^2 /NDF: 115035.7/22

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551 ± 0.000 χ^2/NDF : 927391.8/16

Left Out: 128.281 ± 0.092 χ^2/NDF : 4098.5/4

Right Out: -138.004 ± 0.059 χ^2/NDF : 117358.3/19

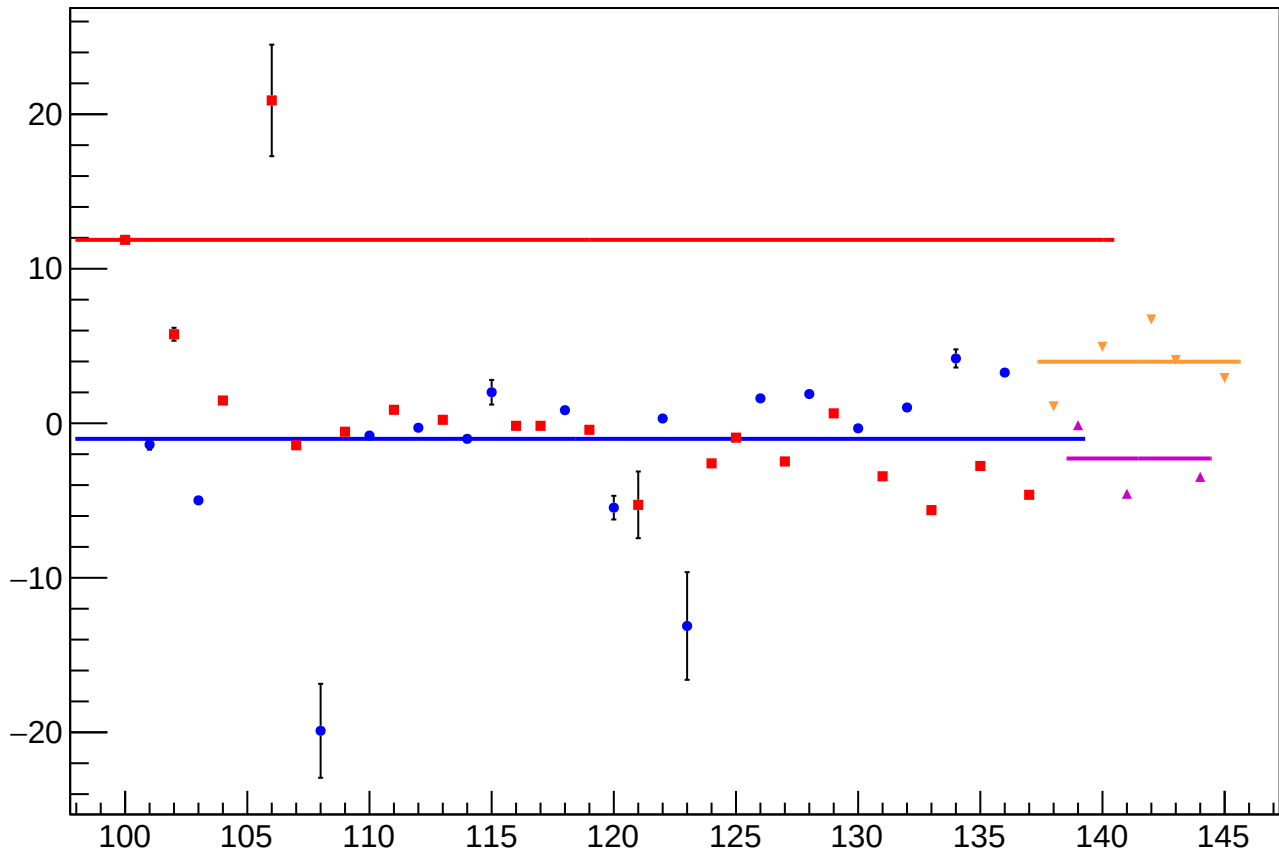
Left In: -126.120 ± 0.065 χ^2/NDF : 5150.6/2

189.551 ± 0.000 χ^2/NDF : 1371046.3/21

189.551 ± 0.000 χ^2/NDF : 55891999.8/44

-132.643 ± 0.044 χ^2/NDF : 140827.2/22

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007 ± 0.000 $\chi^2/\text{NDF}: 7057.7/16$

Left Out: 3.986 ± 0.062 $\chi^2/\text{NDF}: 473.3/4$

Right Out: 11.872 ± 0.000 $\chi^2/\text{NDF}: 560568.2/19$

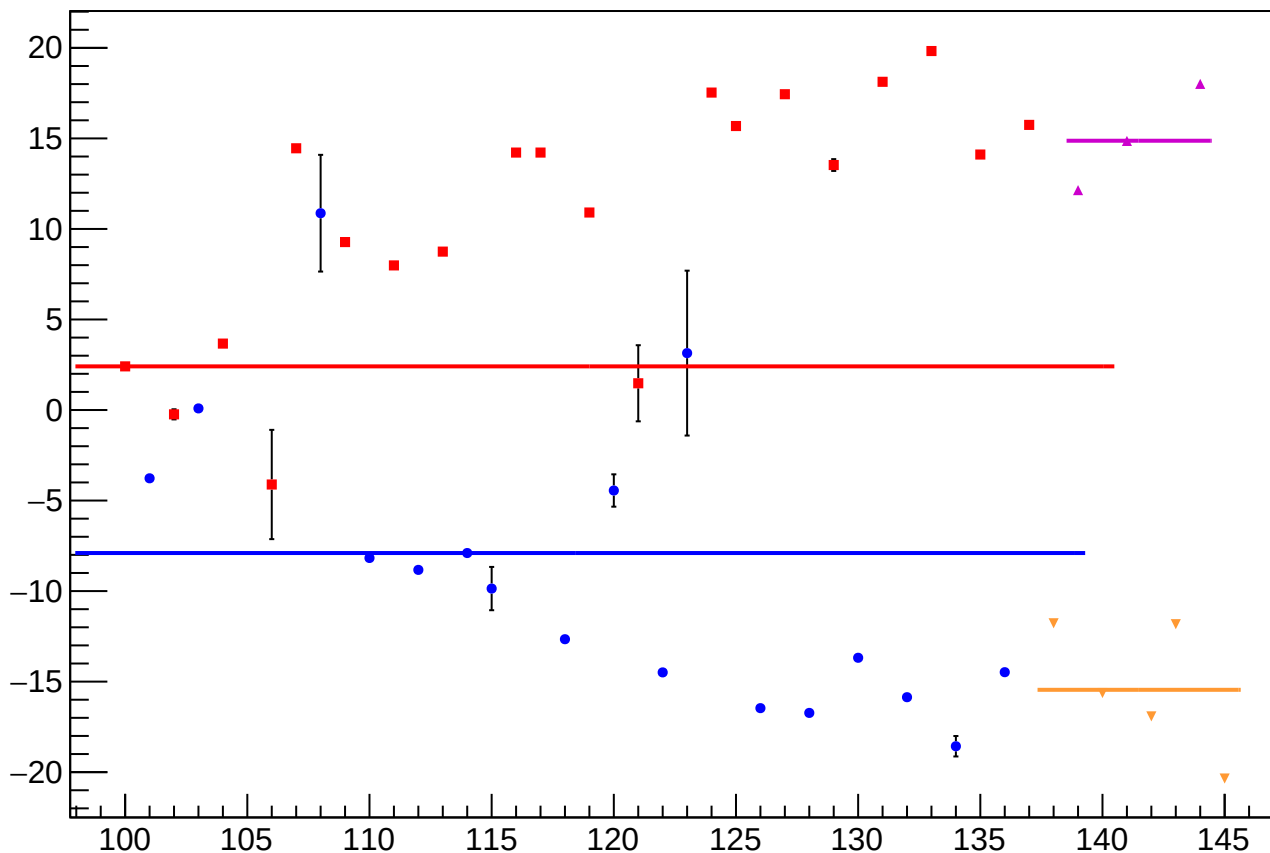
Left In: -2.279 ± 0.043 $\chi^2/\text{NDF}: 1961.1/2$

-1.007 ± 0.000 $\chi^2/\text{NDF}: 14102.7/21$

-0.582 ± 0.000 $\chi^2/\text{NDF}: 3049946074780$

11.872 ± 0.000 $\chi^2/\text{NDF}: 669265.2/22$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899+/-0.000 χ^2/NDF : 39443.5/16

Left Out: -15.453+/-0.061 χ^2/NDF : 2795.8/4

Right Out: 2.410+/-0.000 χ^2/NDF : 222300.8/19

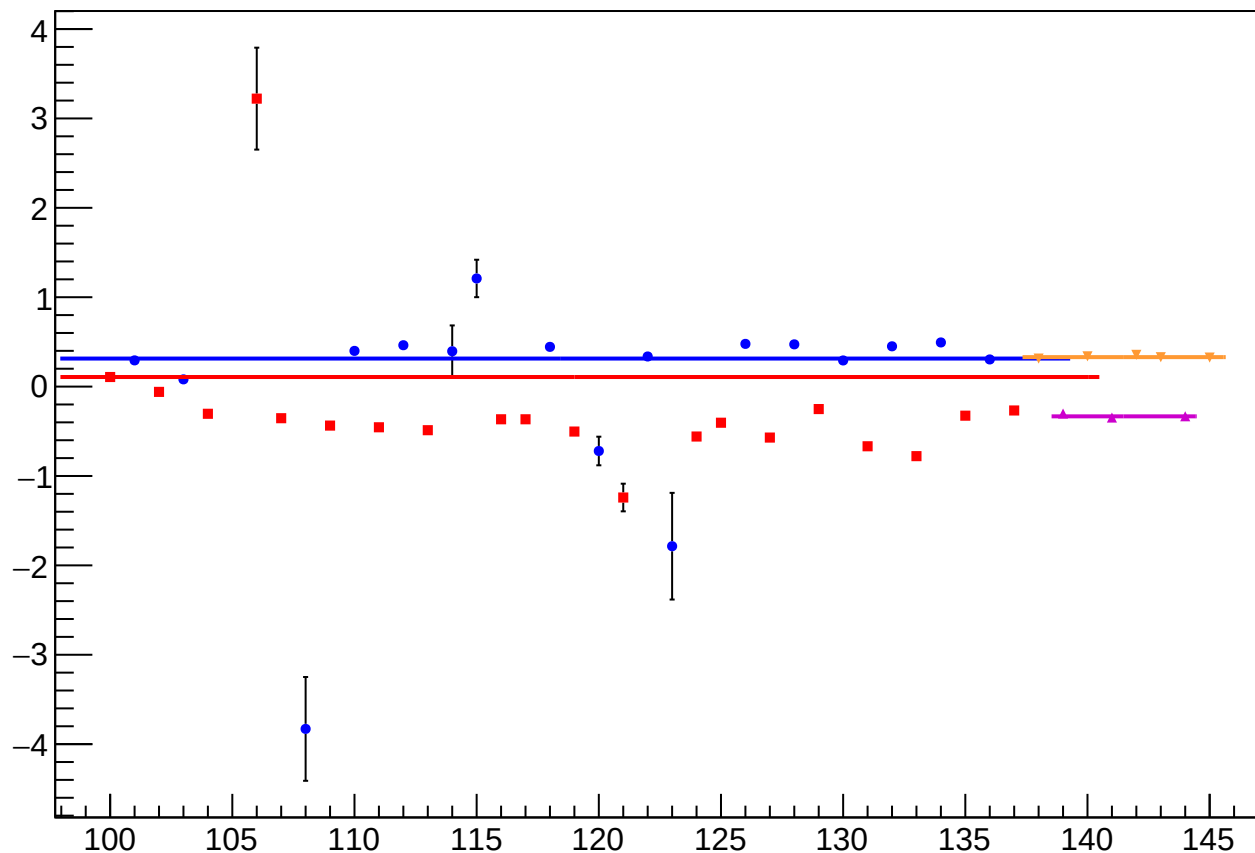
Left In: 14.872+/-0.062 χ^2/NDF : 1115.6/2

-7.899+/-0.000 χ^2/NDF : 57740.3/21

-0.829+/-0.000 χ^2/NDF : 1016173479523

2.410+/-0.000 χ^2/NDF : 263718.3/22

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.330 ± 0.001 χ^2/NDF : 238.9/4

Right Out: 0.107 ± 0.000 χ^2/NDF : 223881.2/19

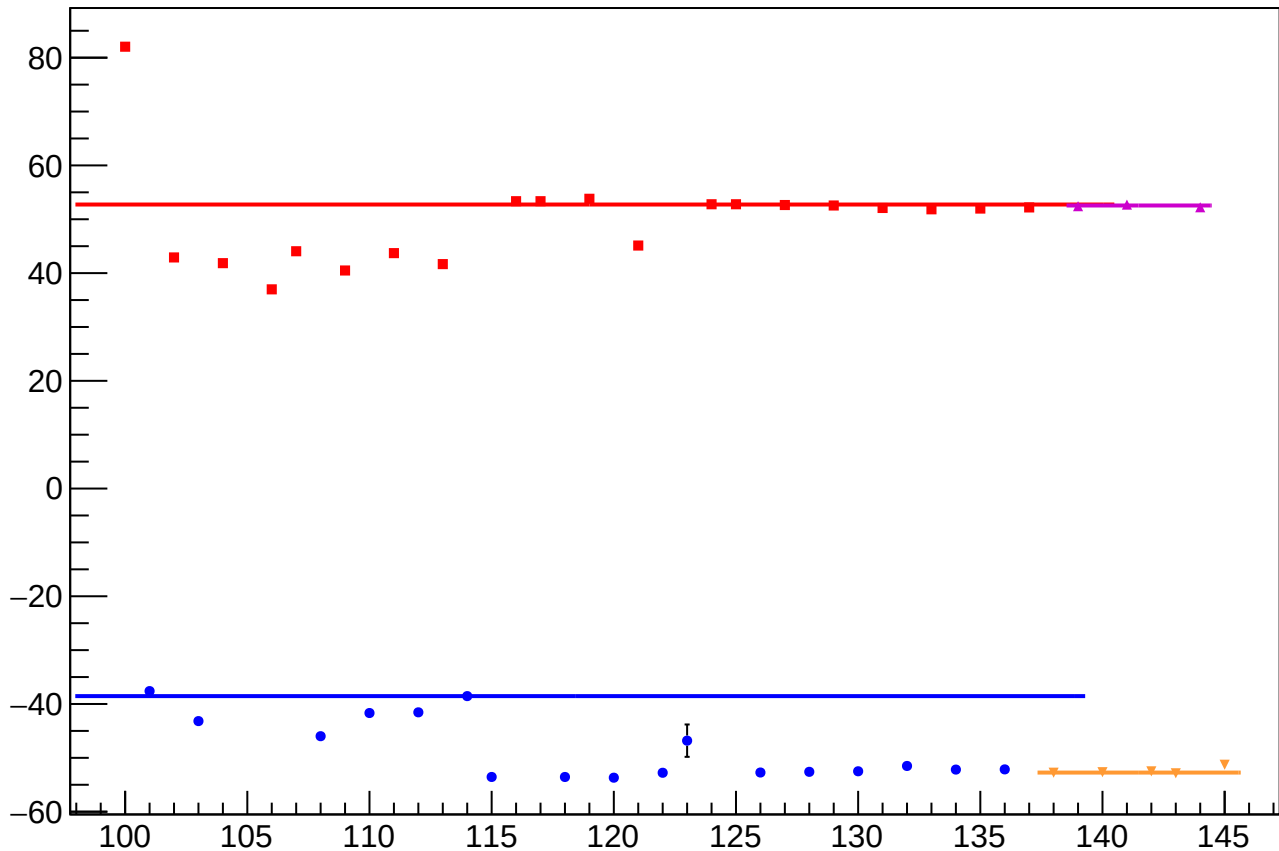
Left In: -0.333 ± 0.001 χ^2/NDF : 259.2/2

0.324 ± 0.001 χ^2/NDF : 3161.8/21

0.107 ± 0.000 χ^2/NDF : 740098.4/44

0.107 ± 0.000 χ^2/NDF : 595747.2/22

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF : 14950854.6/16

Left Out: -52.735+/-0.005 χ^2/NDF :1899.5/4

Right Out: 52.737+/-0.002 χ^2/NDF : 87444.8/19

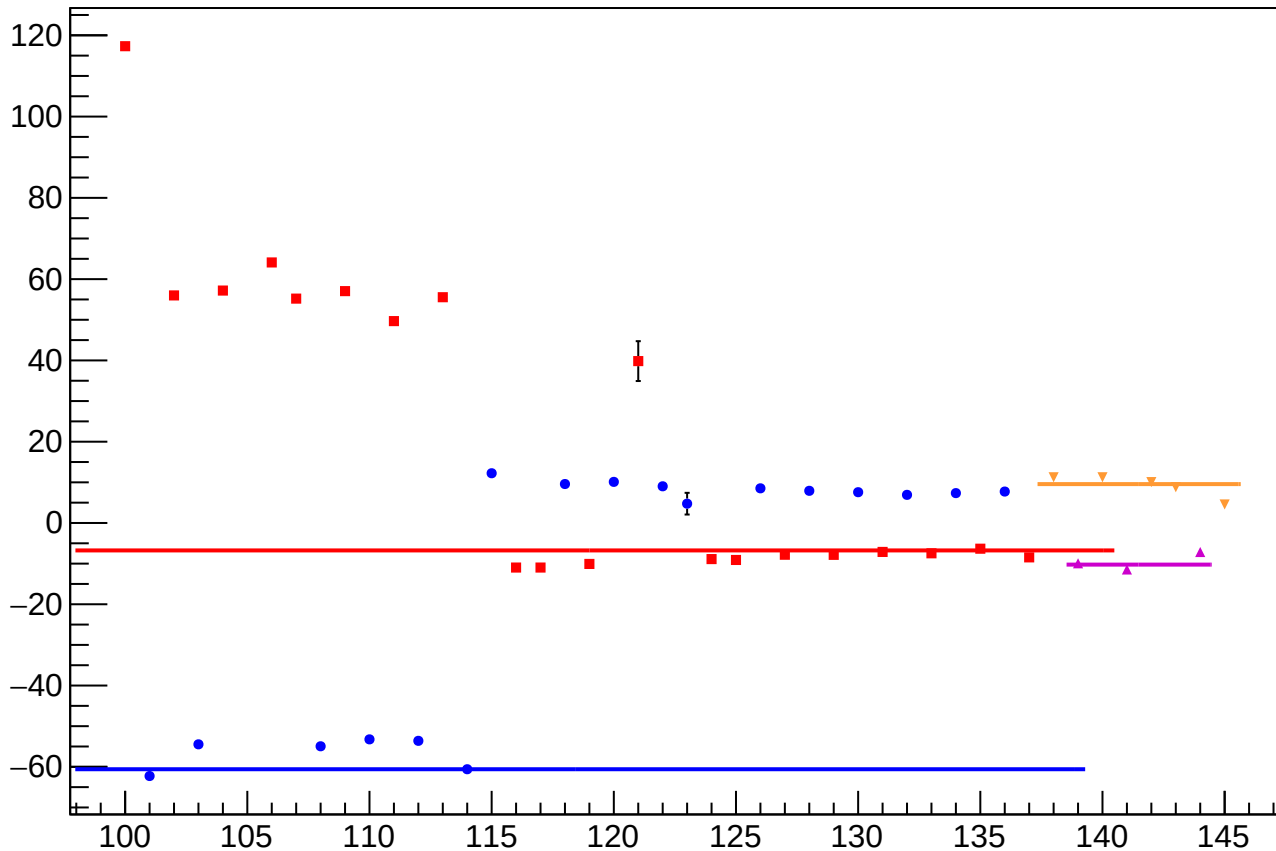
Left In: 52.558+/-0.006 χ^2/NDF :847.9/2

-38.539+/-0.000 χ^2/NDF : 22231863.3/21

-38.539+/-0.000 χ^2/NDF : 2579525916.6/4

52.723+/-0.002 χ^2/NDF : 89002.2/22

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF : 26122838.1/16

Left Out: 9.566+/-0.013 χ^2/NDF : 25802.9/4

Right Out: -6.753+/-0.011 χ^2/NDF : 1266741.1/19

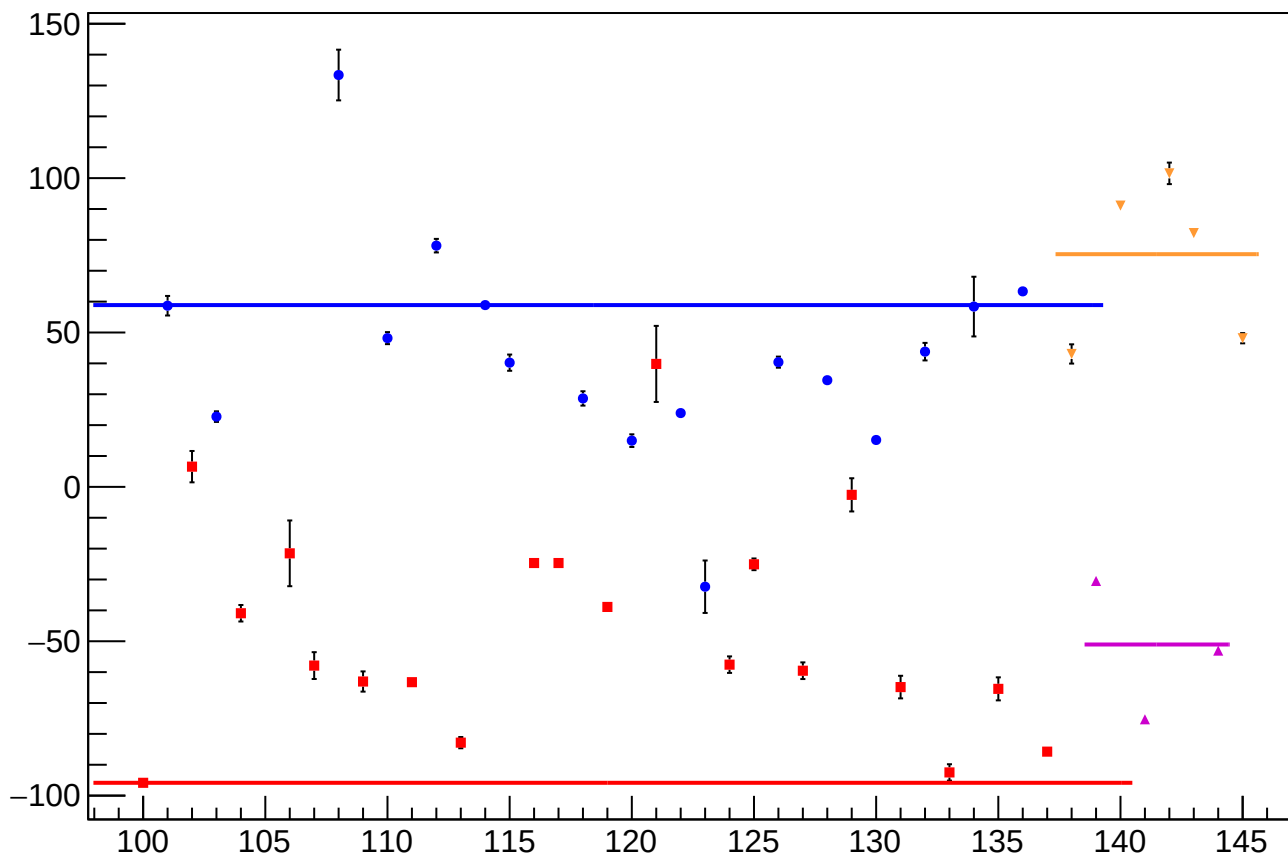
Left In: -10.244+/-0.018 χ^2/NDF : 2931.2/2

-60.594+/-0.000 χ^2/NDF : 53975452.6/21

-60.594+/-0.000 χ^2/NDF : 86889893.5/44

-7.694+/-0.009 χ^2/NDF : 1296793.0/22

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880 ± 0.000 $\chi^2/\text{NDF}: 3814.7/16$

Left Out: 75.367 ± 0.821 $\chi^2/\text{NDF}: 583.6/4$

Right Out: -95.846 ± 0.000 $\chi^2/\text{NDF}: 44645.2/19$

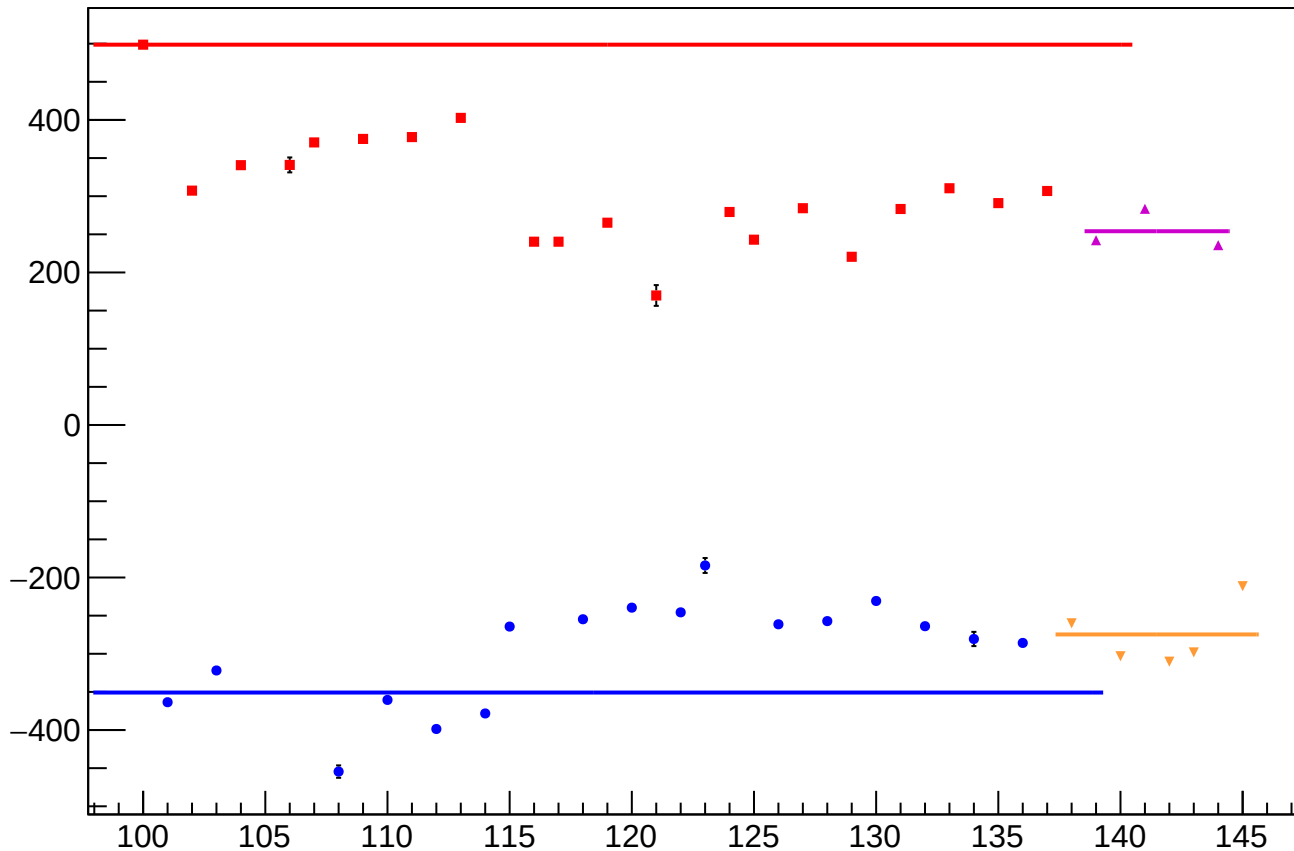
Left In: -51.052 ± 0.592 $\chi^2/\text{NDF}: 905.7/2$

58.880 ± 0.000 $\chi^2/\text{NDF}: 4801.9/21$

53.779 ± 0.000 $\chi^2/\text{NDF}: 1719559071103$

-95.846 ± 0.000 $\chi^2/\text{NDF}: 51267.1/22$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -350.833 ± 0.245 $\chi^2/\text{NDF}: 41301.1/16$

Left Out: -274.655 ± 0.811 $\chi^2/\text{NDF}: 2424.9/4$

Right Out: 498.692 ± 0.000 $\chi^2/\text{NDF}: 572319.3/19$

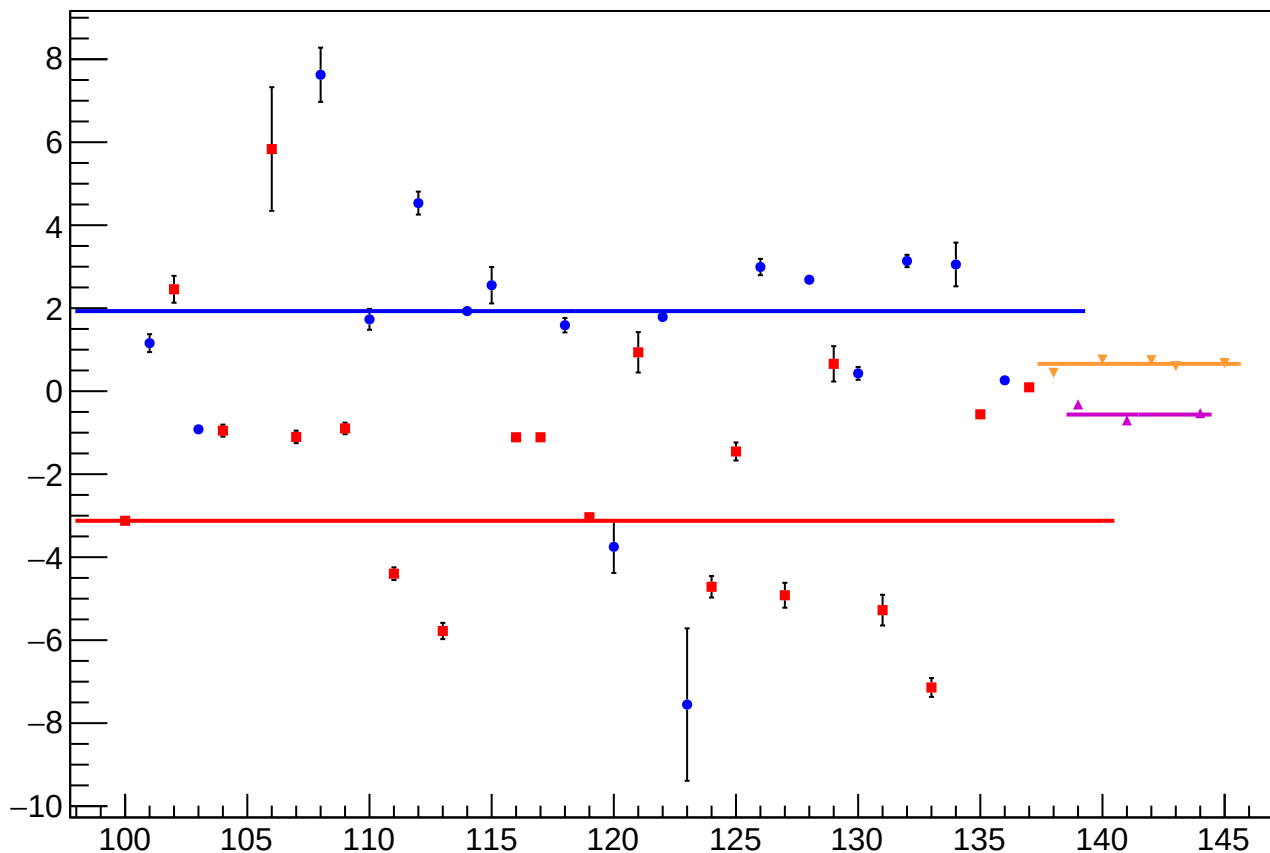
Left In: 254.075 ± 0.631 $\chi^2/\text{NDF}: 1068.9/2$

-344.481 ± 0.234 $\chi^2/\text{NDF}: 51817.8/21$

498.692 ± 0.000 $\chi^2/\text{NDF}: 13746378.8/44$

498.692 ± 0.000 $\chi^2/\text{NDF}: 723846.8/22$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930+/-0.000 χ^2/NDF : 59970.9/16

Left Out: 0.659+/-0.006 χ^2/NDF : 315.1/4

Right Out: -3.123+/-0.000 χ^2/NDF : 514000.0/19

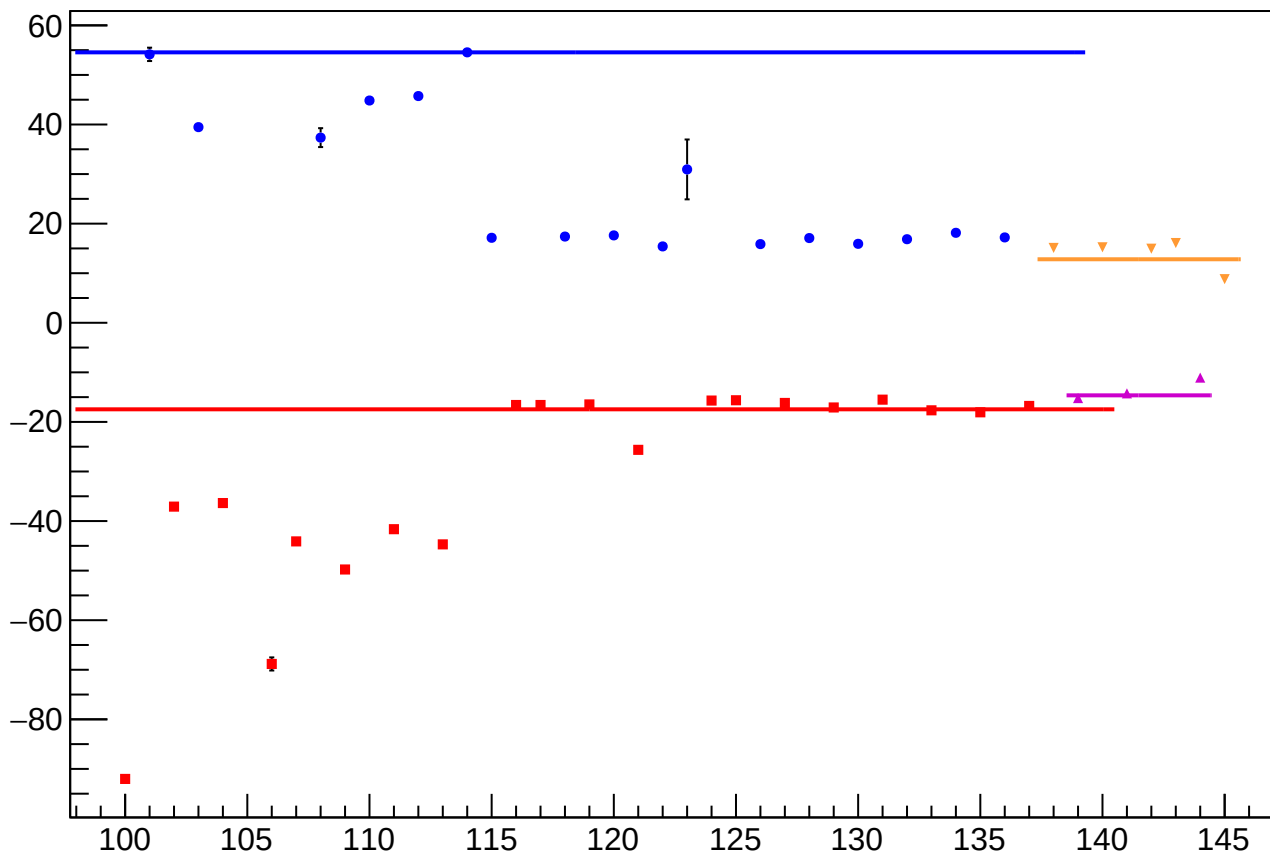
Left In: -0.563+/-0.004 χ^2/NDF : 1433.6/2

1.930+/-0.000 χ^2/NDF : 113391.9/21

1.324+/-0.000 χ^2/NDF : 68349069016618

-3.123+/-0.000 χ^2/NDF : 939570.0/22

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556 +/- 0.000 χ^2/NDF : 7238433.0/16

Left Out: 12.812 +/- 0.014 χ^2/NDF : 57904.2/4

Right Out: -17.458 +/- 0.018 χ^2/NDF : 99309.7/19

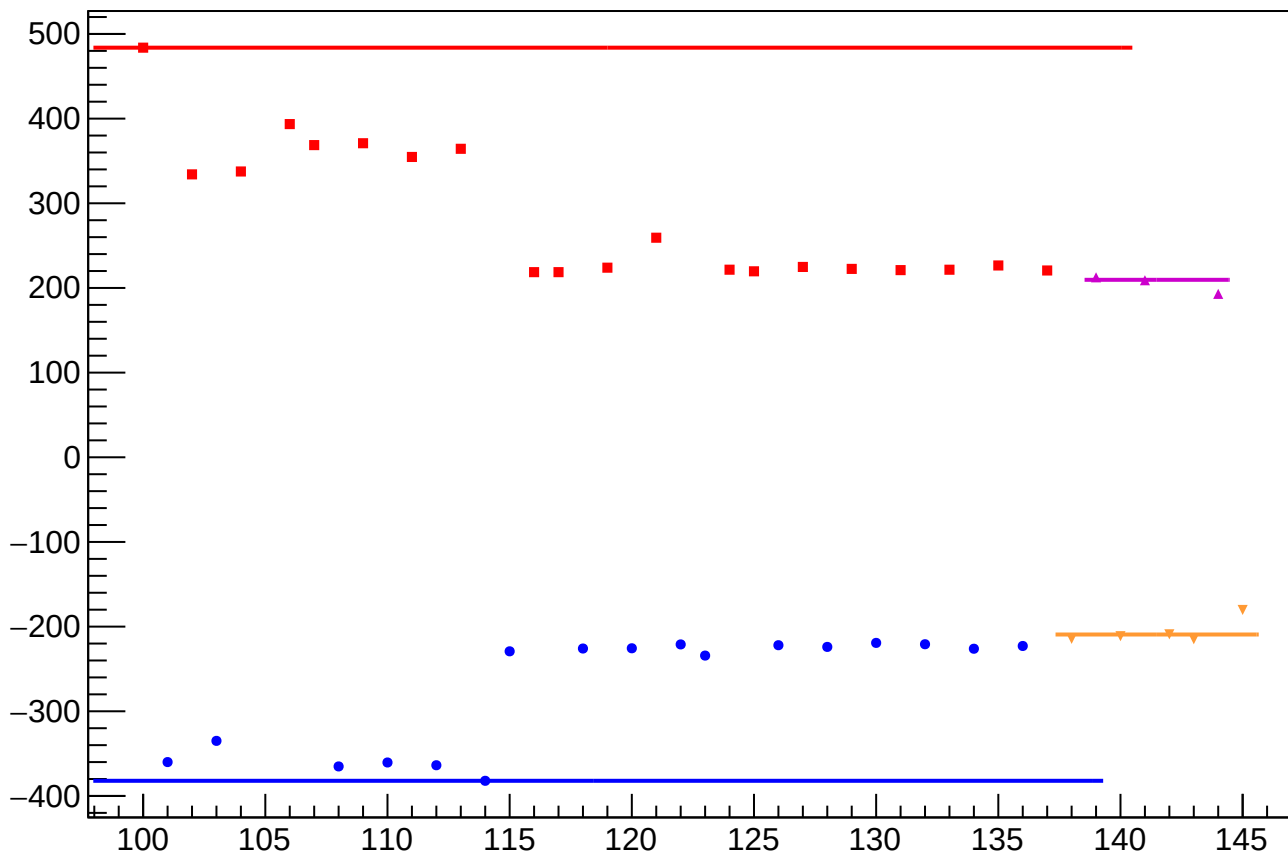
Left In: -14.638 +/- 0.023 χ^2/NDF : 1891.9/2

54.556 +/- 0.000 χ^2/NDF : 16804200.3/21

54.556 +/- 0.000 χ^2/NDF : 41797785.2/44

-16.343 +/- 0.014 χ^2/NDF : 110609.8/22

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -209.316+/-0.039 χ^2/NDF : 51837.5/4

Right Out: 483.800+/-0.000 χ^2/NDF : 24385317.4/19

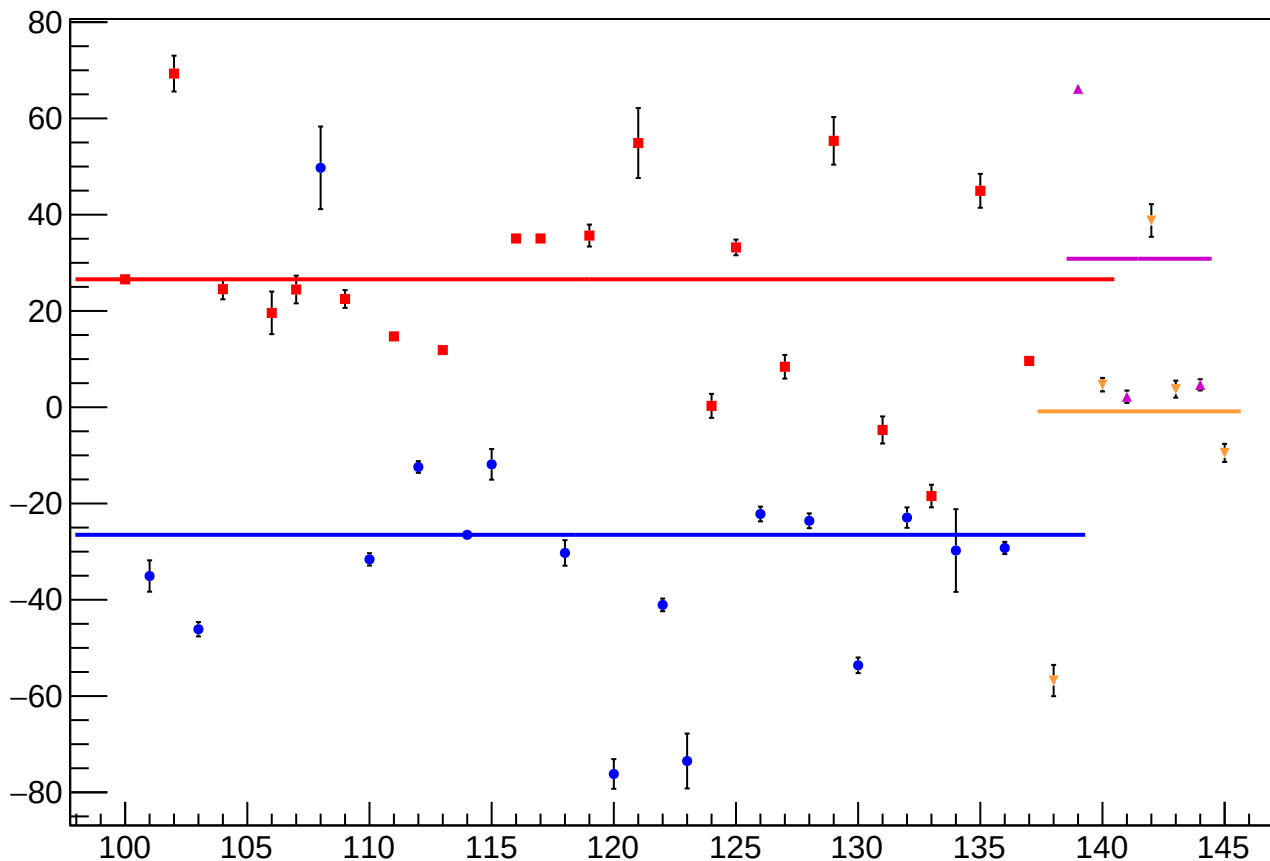
Left In: 209.615+/-0.043 χ^2/NDF : 3225.8/2

-382.108+/-0.000 χ^2/NDF : 38494686.2/21

-76.493+/-0.000 χ^2/NDF : 9009029155790

483.800+/-0.000 χ^2/NDF : 64795796.1/22

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504 $\pm$ 0.000 χ^2/NDF : 1180.7/16

Left Out: -0.853 $\pm$ 0.881 χ^2/NDF : 475.0/4

Right Out: 26.577 $\pm$ 0.000 χ^2/NDF : 2754.8/19

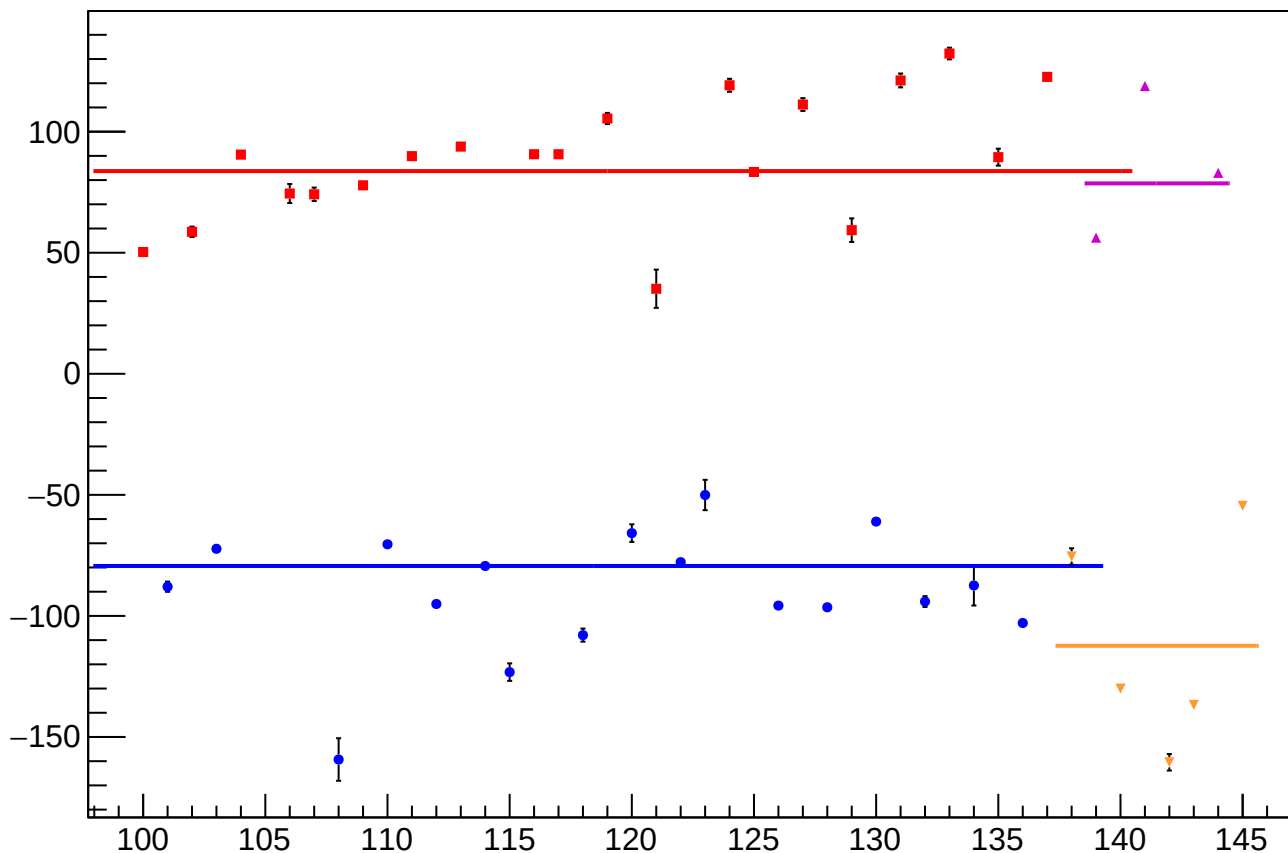
Left In: 30.845 $\pm$ 0.646 χ^2/NDF : 2314.6/2

-26.504 $\pm$ 0.000 χ^2/NDF : 2503.4/21

-7.770 $\pm$ 0.000 χ^2/NDF : 2166718322463

26.577 $\pm$ 0.000 χ^2/NDF : 5113.1/22

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -112.341 ± 0.859 $\chi^2/\text{NDF}: 1743.6/4$

Right Out: 83.721 ± 0.171 $\chi^2/\text{NDF}: 12064.6/19$

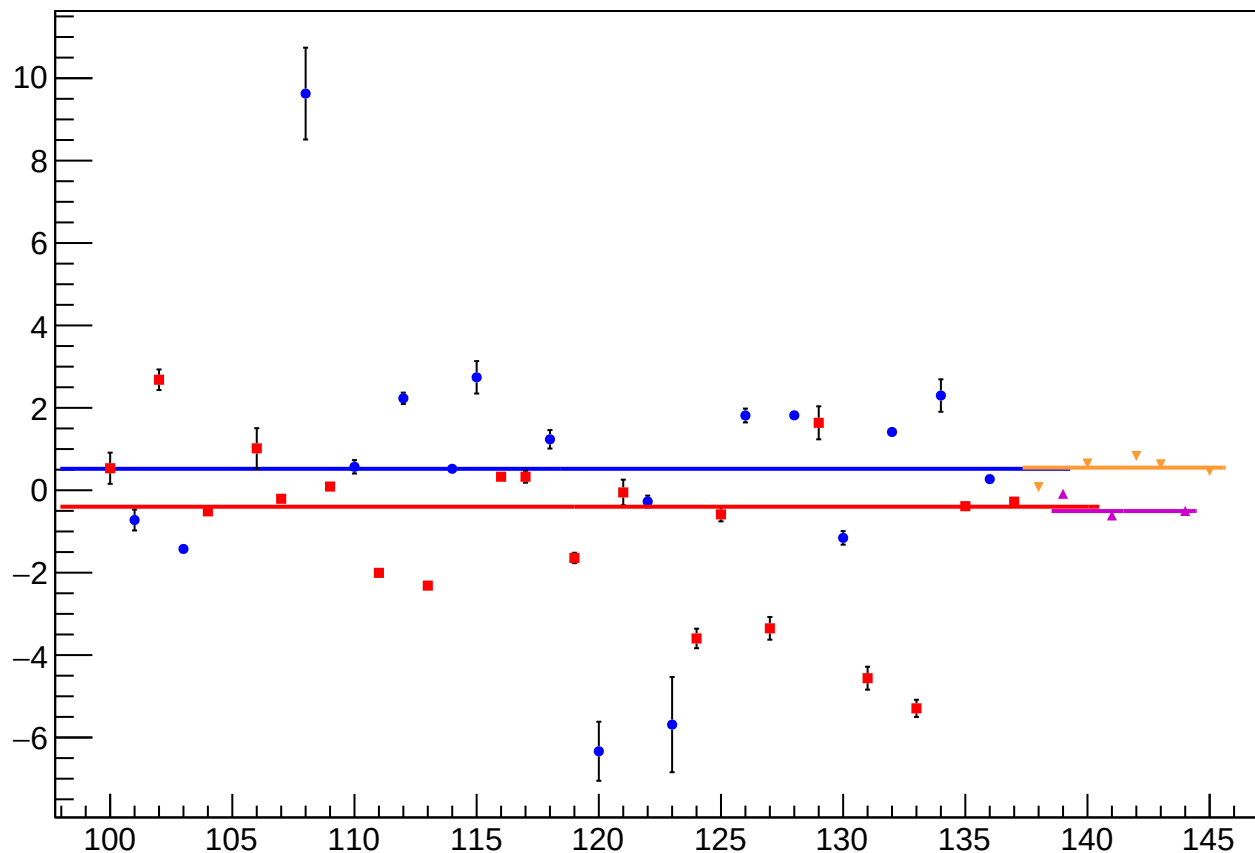
Left In: 78.638 ± 0.642 $\chi^2/\text{NDF}: 1676.8/2$

-79.376 ± 0.000 $\chi^2/\text{NDF}: 4521.5/21$

-79.376 ± 0.000 $\chi^2/\text{NDF}: 991632.4/44$

83.386 ± 0.165 $\chi^2/\text{NDF}: 13799.9/22$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.549+/-0.007 χ^2/NDF : 994.0/4

Right Out: -0.399+/-0.011 χ^2/NDF : 2752.7/19

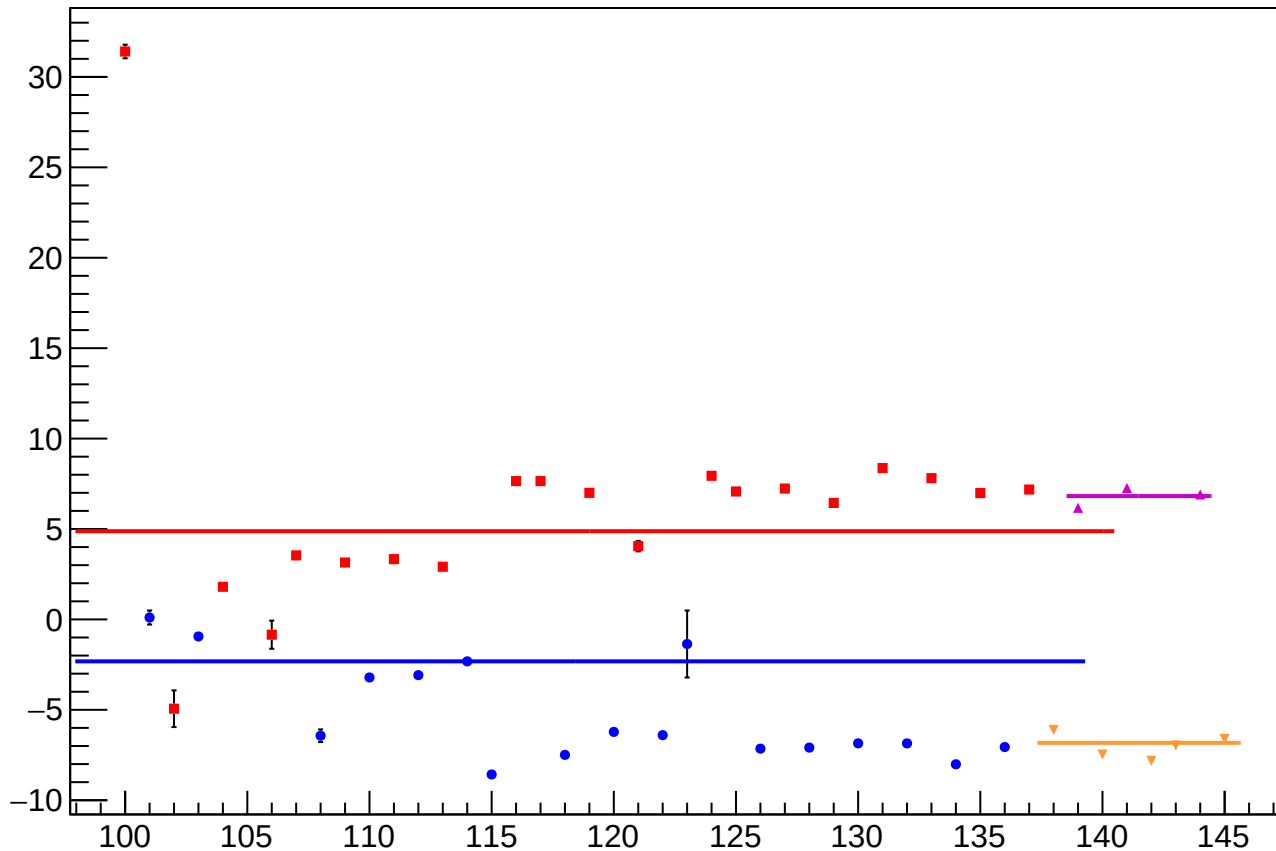
Left In: -0.504+/-0.003 χ^2/NDF : 2615.1/2

0.521+/-0.000 χ^2/NDF : 4382.1/21

0.521+/-0.000 χ^2/NDF : 105106.7/44

-0.495+/-0.003 χ^2/NDF : 5453.1/22

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF : 270771.9/16

Left Out: -6.825+/-0.012 χ^2/NDF : 1418.2/4

Right Out: 4.879+/-0.010 χ^2/NDF : 49767.2/19

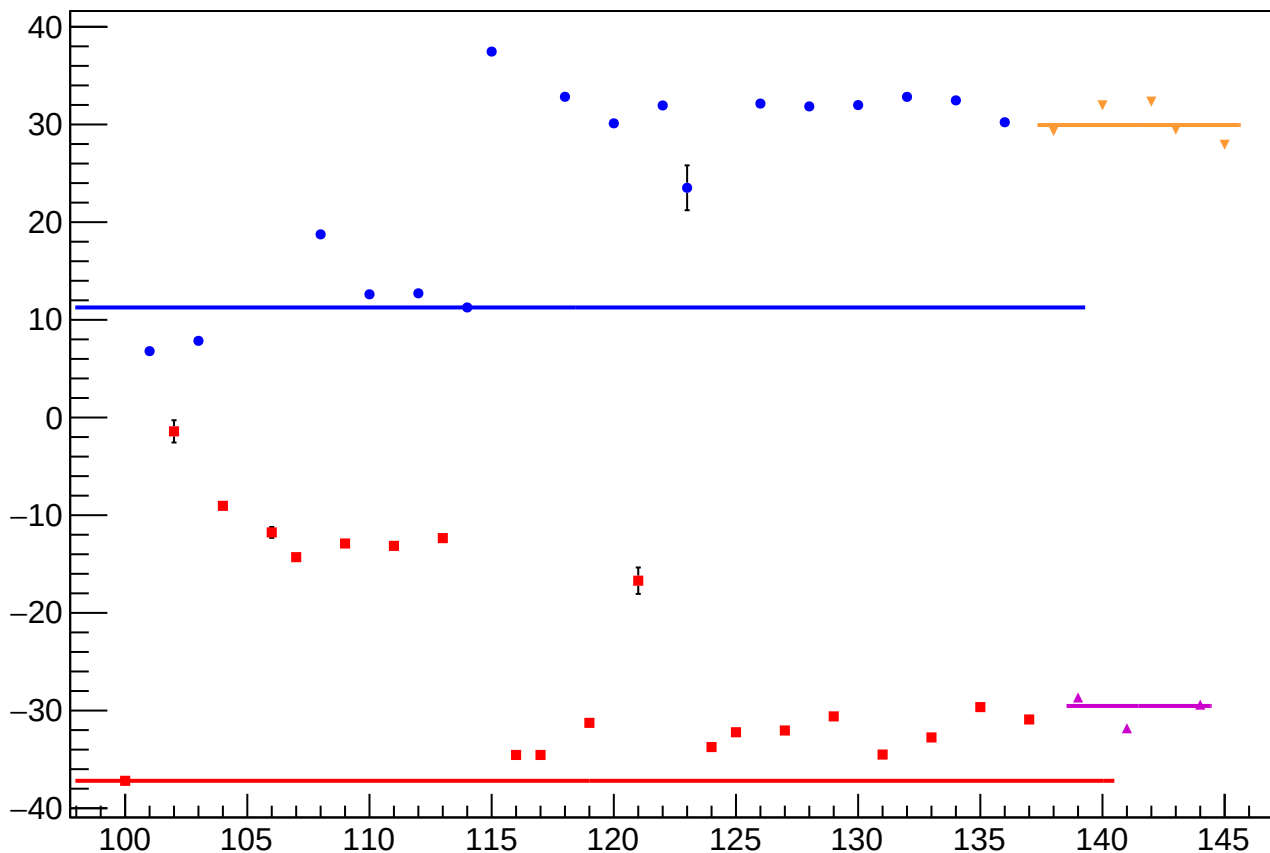
Left In: 6.822+/-0.008 χ^2/NDF : 2069.8/2

-2.320+/-0.000 χ^2/NDF : 421843.2/21

-2.320+/-0.000 χ^2/NDF : 2190925.6/44

6.060+/-0.006 χ^2/NDF : 73557.1/22

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF : 958029.3/16

Left Out: 29.945+/-0.029 χ^2/NDF : 3700.9/4

Right Out: -37.191+/-0.000 χ^2/NDF : 1122069.8/19

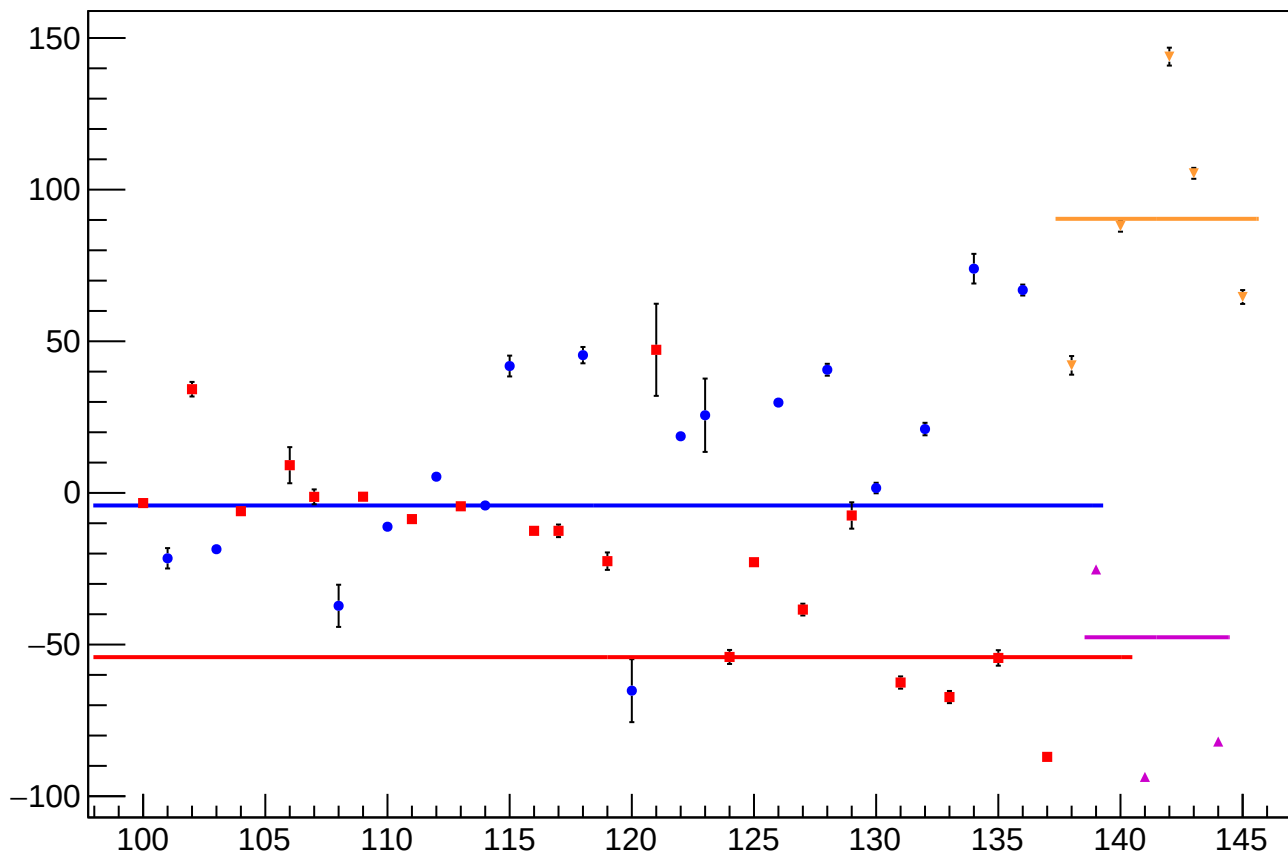
Left In: -29.528+/-0.029 χ^2/NDF : 1418.8/2

11.268+/-0.000 χ^2/NDF : 1380761.1/21

9.670+/-0.000 χ^2/NDF : 26986732338875

-37.191+/-0.000 χ^2/NDF : 1192019.9/22

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139 ± 0.000 $\chi^2/\text{NDF}: 4654.2/16$

Left Out: 90.379 ± 0.995 $\chi^2/\text{NDF}: 773.1/4$

Right Out: -54.147 ± 0.170 $\chi^2/\text{NDF}: 54404.1/19$

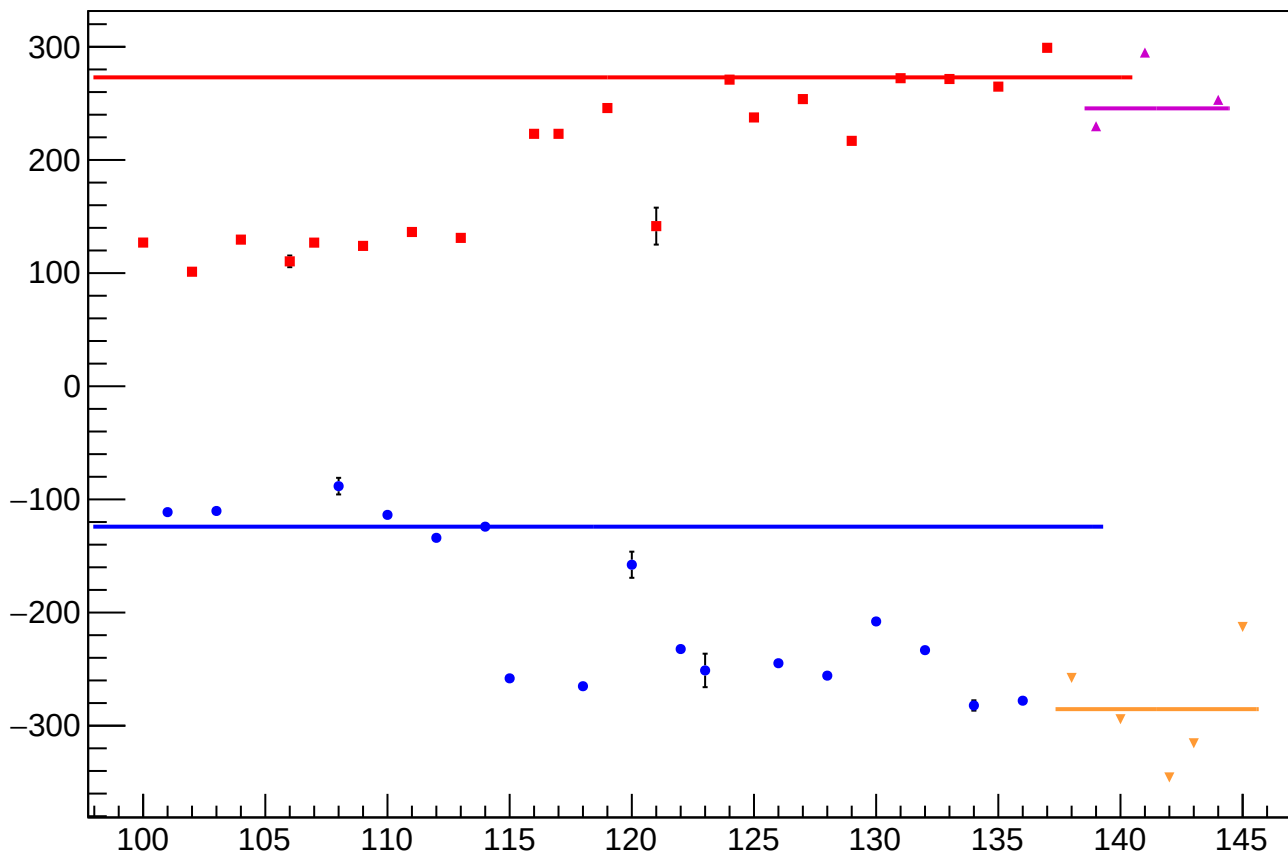
Left In: -47.594 ± 0.588 $\chi^2/\text{NDF}: 2708.7/2$

-4.139 ± 0.000 $\chi^2/\text{NDF}: 14443.0/21$

-4.139 ± 0.000 $\chi^2/\text{NDF}: 163909.1/44$

-53.643 ± 0.163 $\chi^2/\text{NDF}: 57227.5/22$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF : 38152.5/16

Left Out: -285.367+/-0.979 χ^2/NDF :1948.7/4

Right Out: 273.002+/-0.113 χ^2/NDF : 280698.3/19

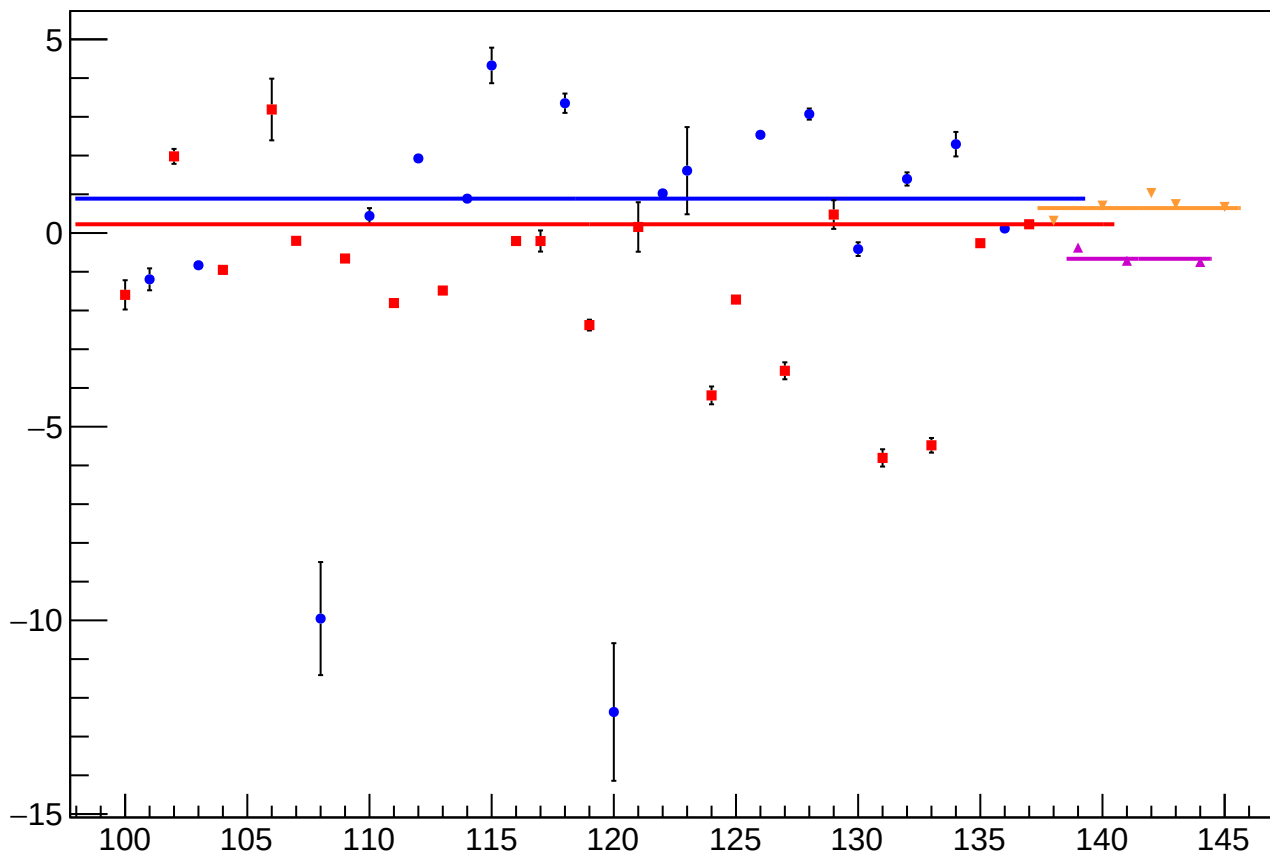
Left In: 245.590+/-0.569 χ^2/NDF :2127.2/2

-124.095+/-0.000 χ^2/NDF : 67264.3/21

-124.095+/-0.000 χ^2/NDF : 13218106.6/4

271.970+/-0.110 χ^2/NDF : 285059.2/22

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.644 ± 0.007 χ^2/NDF : 970.4/4

Right Out: 0.226 ± 0.000 χ^2/NDF : 5033.6/19

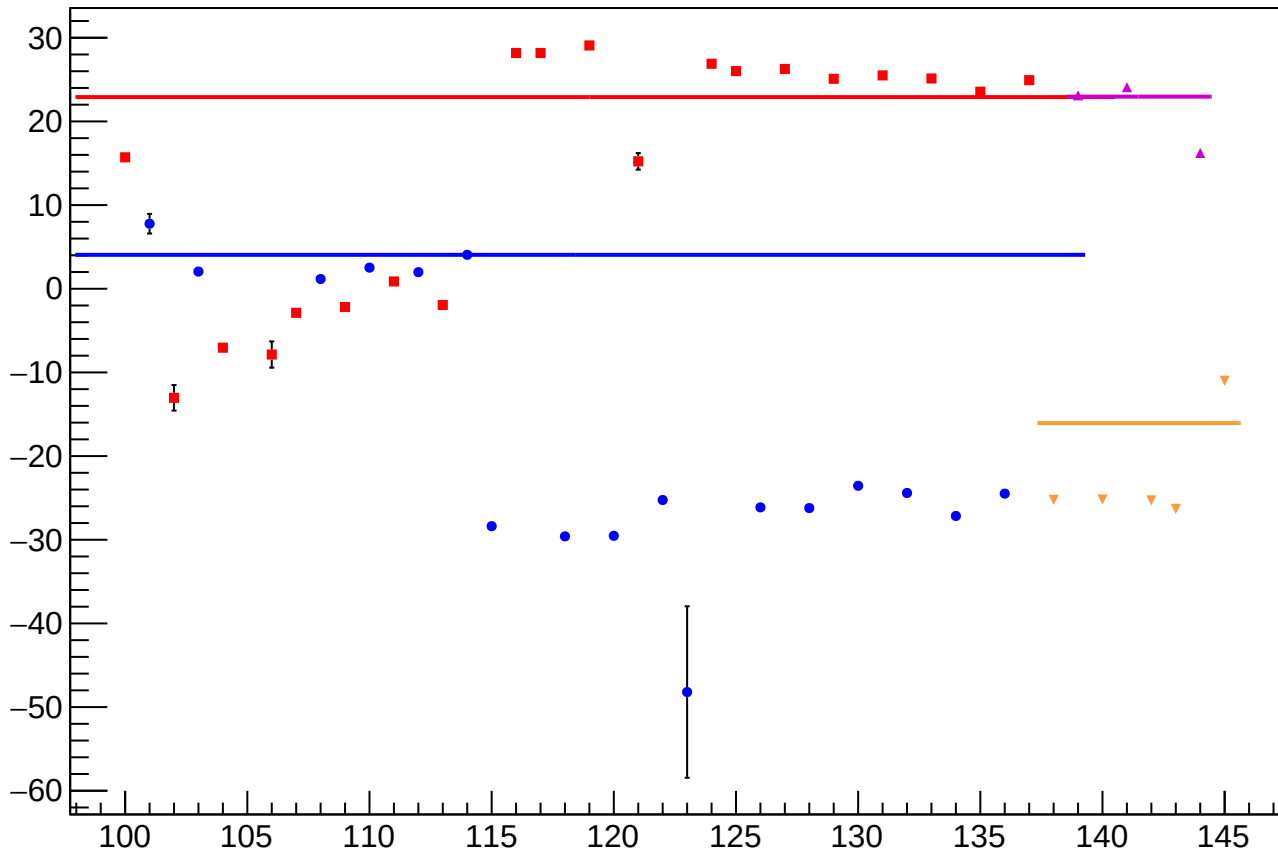
Left In: -0.665 ± 0.005 χ^2/NDF : 748.8/2

0.888 ± 0.000 χ^2/NDF : 10712.1/21

0.888 ± 0.000 χ^2/NDF : 149147580.8/44

0.226 ± 0.000 χ^2/NDF : 34063.7/22

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057 ± 0.000 χ^2/NDF : 1247888.2/16

Left Out: -16.056 ± 0.028 χ^2/NDF : 63045.4/4

Right Out: 22.907 ± 0.026 χ^2/NDF : 116676.9/19

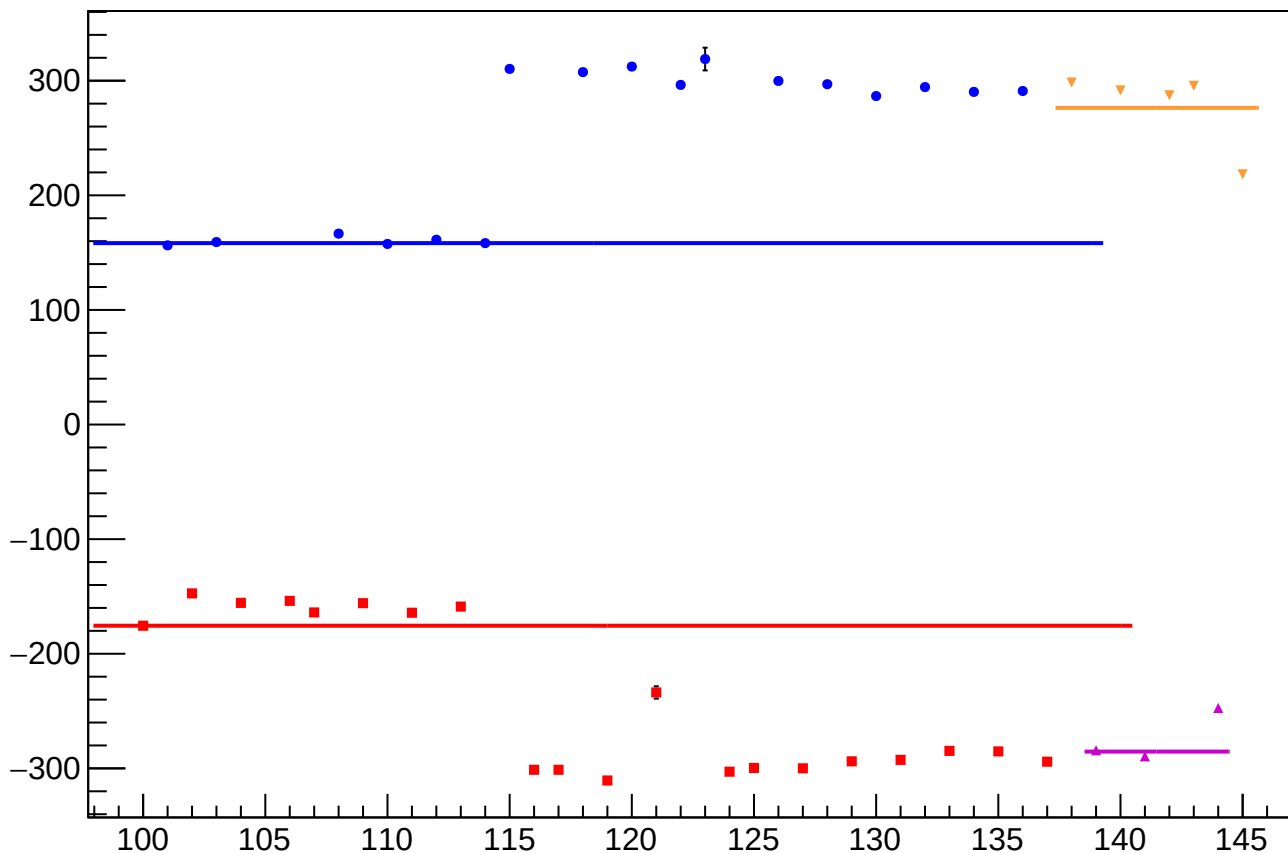
Left In: 22.964 ± 0.059 χ^2/NDF : 1212.5/2

4.057 ± 0.000 χ^2/NDF : 1838911.8/21

4.057 ± 0.000 χ^2/NDF : 2573443.8/44

22.916 ± 0.024 χ^2/NDF : 117890.1/22

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 276.327+/-0.081 χ^2/NDF :154853.5/4

Right Out: -175.536+/-0.000 χ^2/NDF : 2132280.4/19

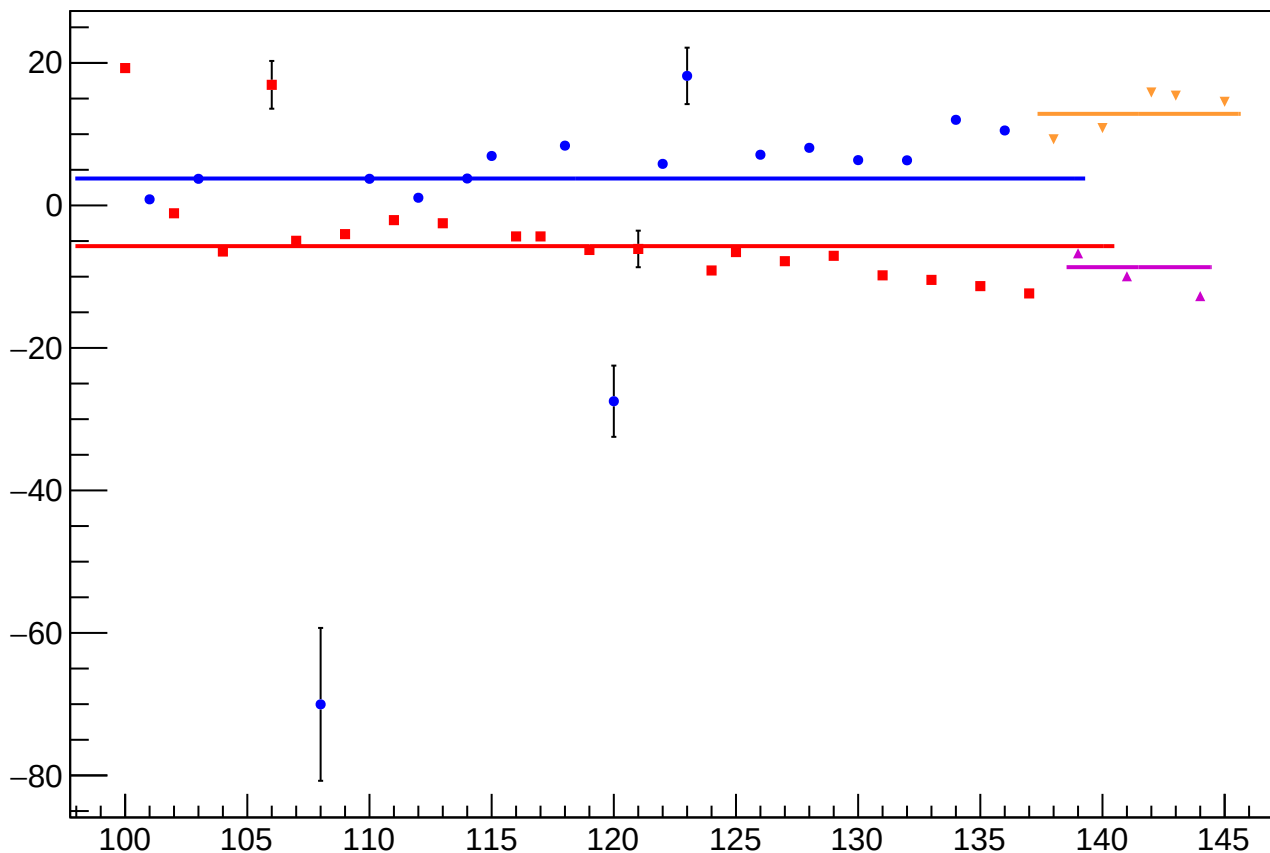
Left In: -285.349+/-0.189 χ^2/NDF :1794.4/2

158.293+/-0.000 χ^2/NDF : 4694668.8/21

-119.042+/-0.000 χ^2/NDF : 14008038966

-175.536+/-0.000 χ^2/NDF : 2472189.6/22

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778+/-0.000 χ^2/NDF : 6871.4/16

Left Out: 12.855+/-0.111 χ^2/NDF : 472.4/4

Right Out: -5.713+/-0.025 χ^2/NDF : 22382.6/19

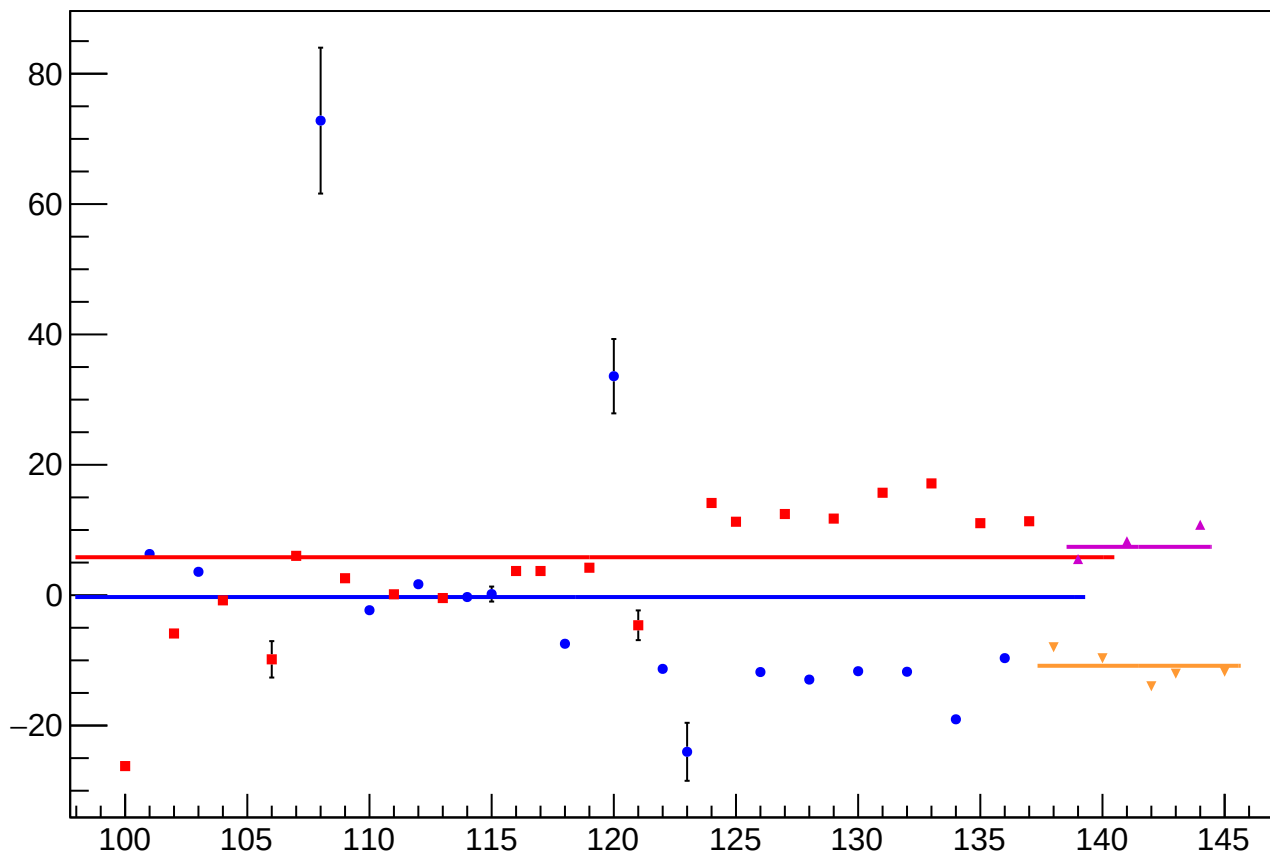
Left In: -8.665+/-0.062 χ^2/NDF : 1202.5/2

3.778+/-0.000 χ^2/NDF : 14081.5/21

3.778+/-0.000 χ^2/NDF : 217604.1/44

-6.132+/-0.023 χ^2/NDF : 25510.4/22

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287 ± 0.000 $\chi^2/\text{NDF}: 44276.5/16$

Left Out: -10.832 ± 0.109 $\chi^2/\text{NDF}: 224.3/4$

Right Out: 5.821 ± 0.027 $\chi^2/\text{NDF}: 63671.7/19$

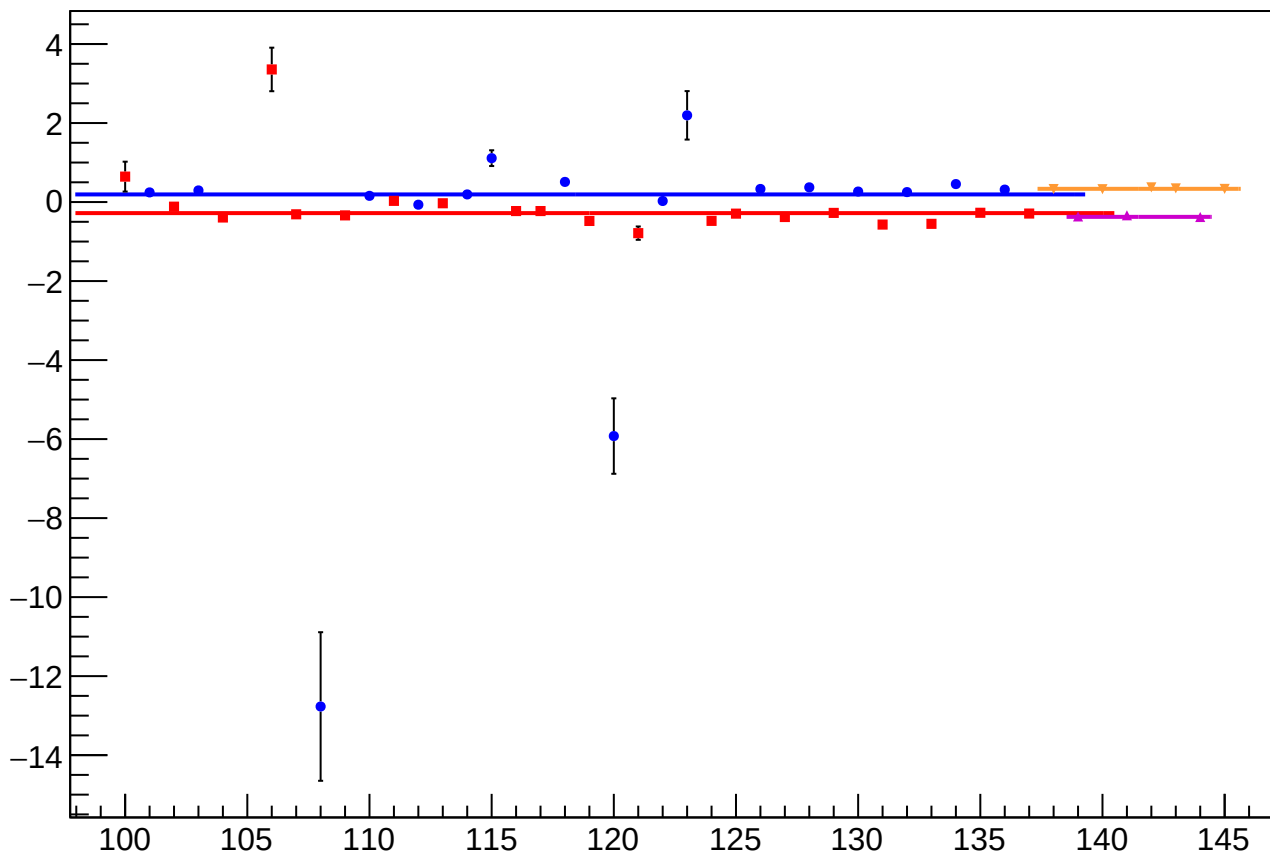
Left In: 7.415 ± 0.066 $\chi^2/\text{NDF}: 828.5/2$

-0.287 ± 0.000 $\chi^2/\text{NDF}: 53811.4/21$

-0.287 ± 0.000 $\chi^2/\text{NDF}: 183665.9/44$

6.046 ± 0.025 $\chi^2/\text{NDF}: 64996.8/22$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.193+/-0.000 χ^2/NDF : 10027.5/16

Left Out: 0.335+/-0.001 χ^2/NDF : 79.9/4

Right Out: -0.280+/-0.001 χ^2/NDF : 6070.3/19

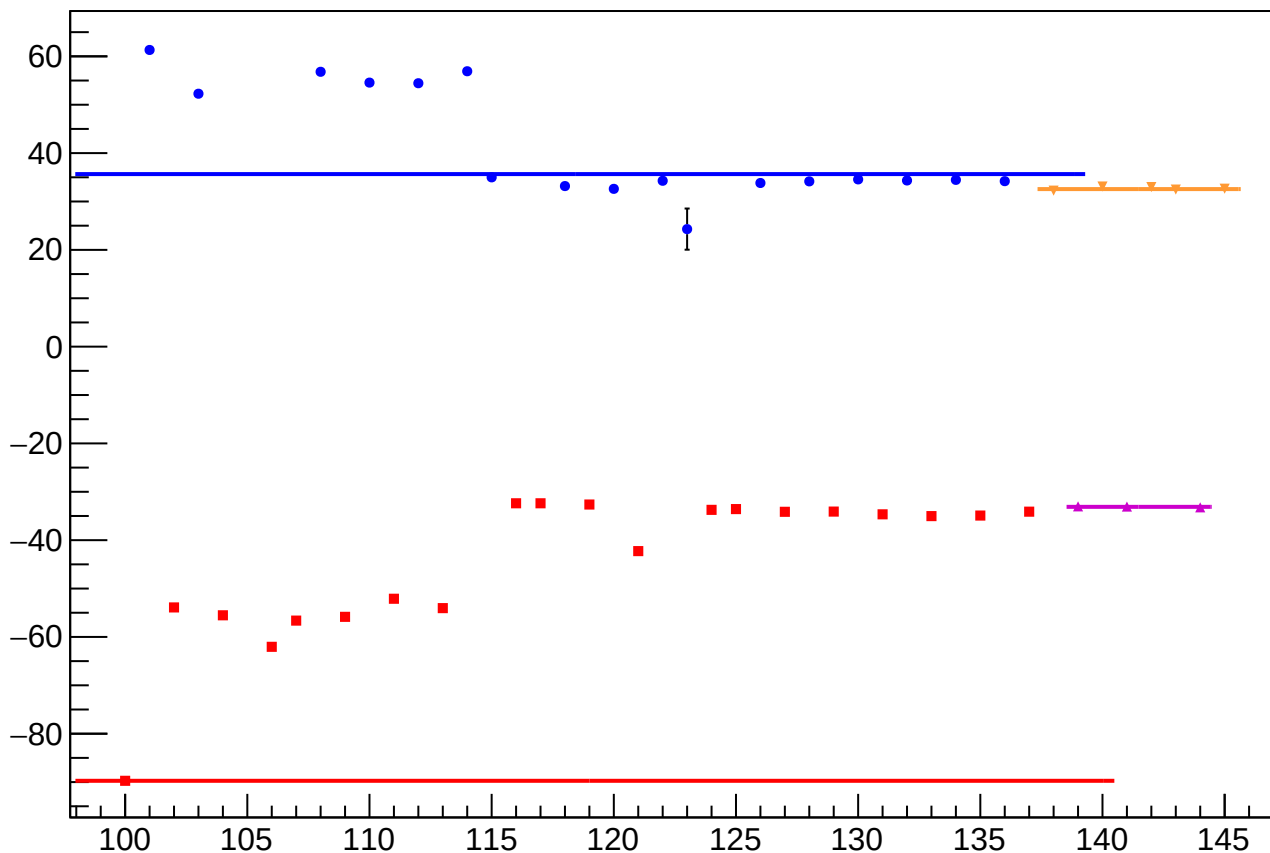
Left In: -0.375+/-0.001 χ^2/NDF : 67.0/2

0.193+/-0.000 χ^2/NDF : 25092.6/21

0.193+/-0.000 χ^2/NDF : 326025.1/44

-0.333+/-0.001 χ^2/NDF : 8476.6/22

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664 $\pm$ 0.011 χ^2/NDF : 218662.5/16

Left Out: 32.564 $\pm$ 0.012 χ^2/NDF : 466.6/4

Right Out: -89.735 $\pm$ 0.000 χ^2/NDF : 25816138.7/19

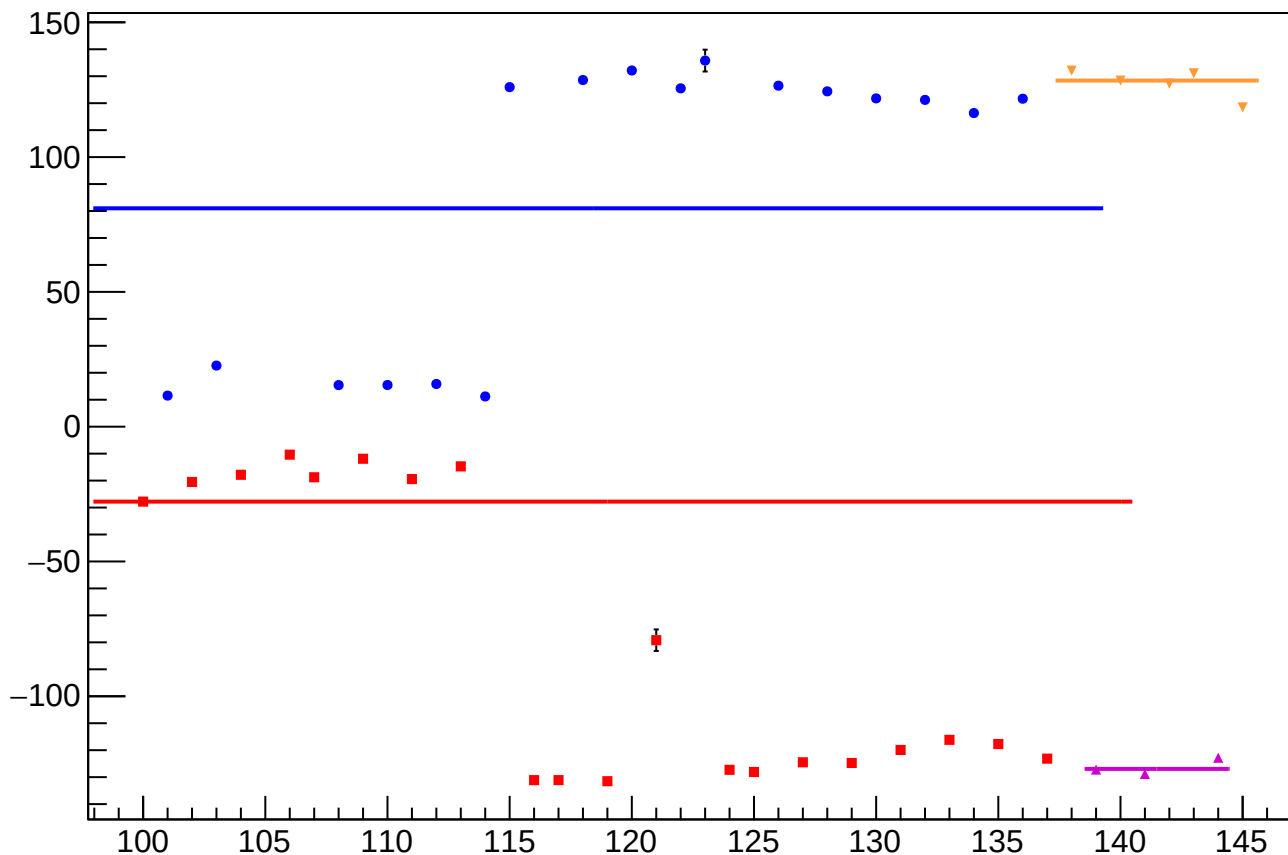
Left In: -33.112 $\pm$ 0.016 χ^2/NDF : 33.9/2

34.252 $\pm$ 0.008 χ^2/NDF : 253012.7/21

-89.735 $\pm$ 0.000 χ^2/NDF : 257562489.7/4

-89.735 $\pm$ 0.000 χ^2/NDF : 38718360.5/22

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005 ± 0.035 χ^2/NDF : 2228881.4/16

Left Out: 128.383 ± 0.035 χ^2/NDF : 14788.9/4

Right Out: -27.798 ± 0.000 χ^2/NDF : 9194619.1/19

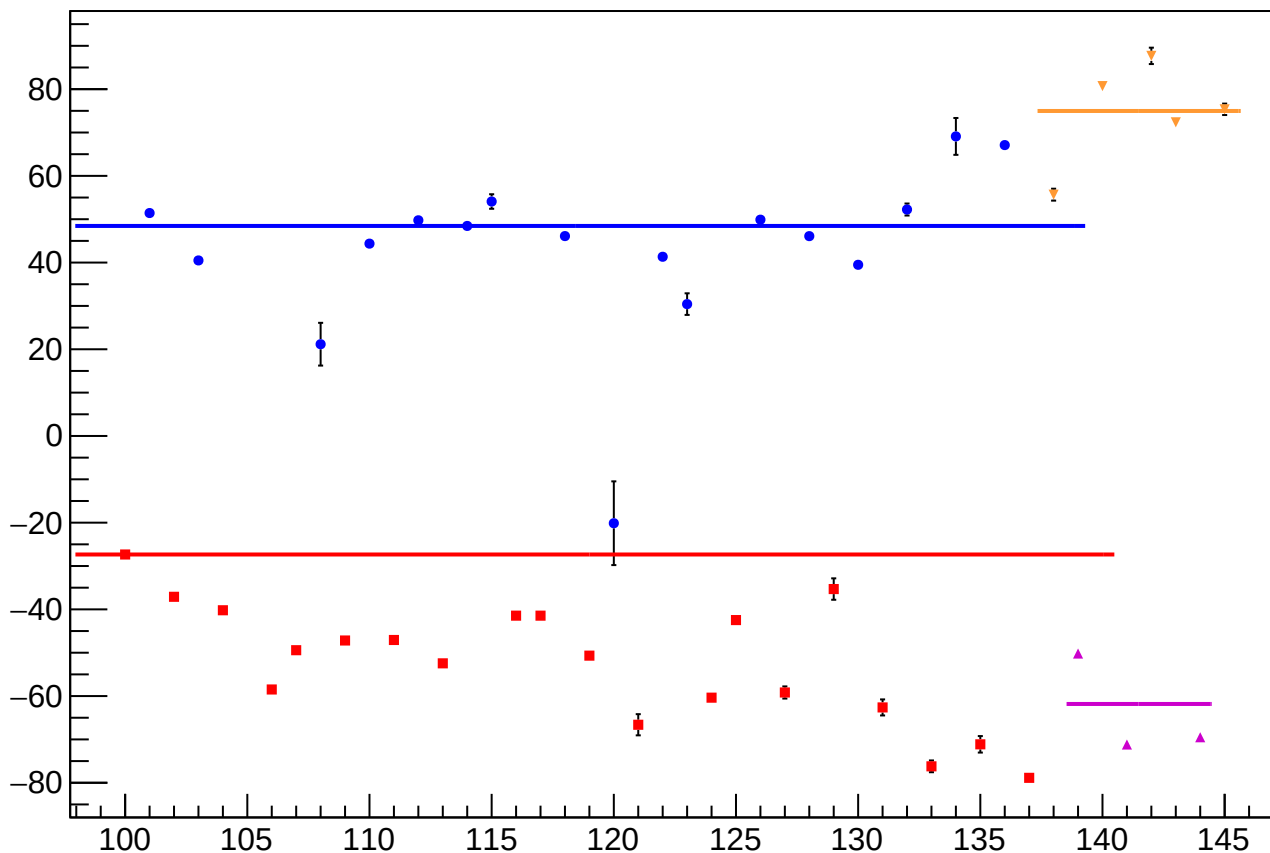
Left In: -126.941 ± 0.060 χ^2/NDF : 1380.4/2

104.617 ± 0.024 χ^2/NDF : 3181810.6/21

-27.798 ± 0.000 χ^2/NDF : 44396727.6/44

-27.798 ± 0.000 χ^2/NDF : 11901586.2/22

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450 ± 0.000 χ^2/NDF : 2751.4/16

Left Out: 74.970 ± 0.455 χ^2/NDF : 314.3/4

Right Out: -27.342 ± 0.000 χ^2/NDF : 26331.1/19

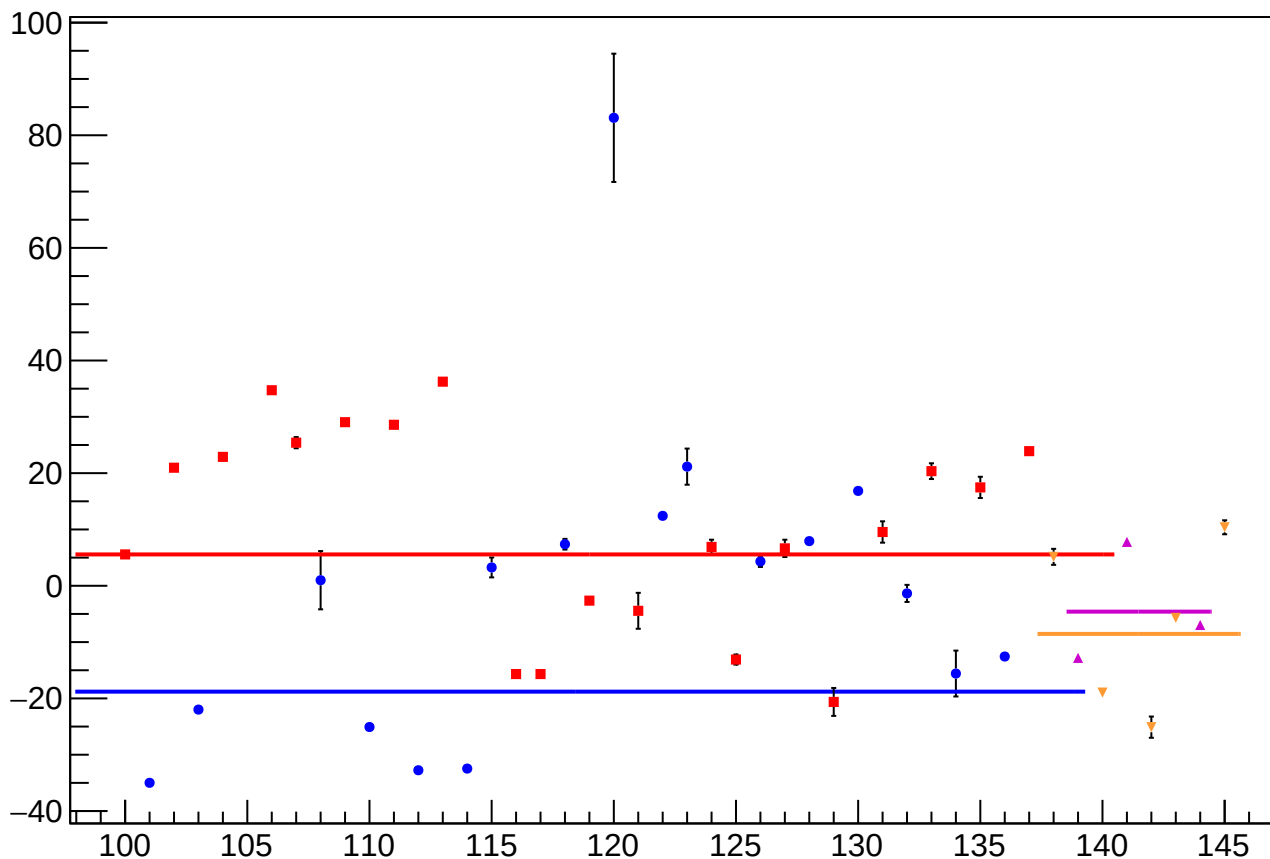
Left In: -61.823 ± 0.331 χ^2/NDF : 917.6/2

48.450 ± 0.000 χ^2/NDF : 6465.7/21

-23.670 ± 0.000 χ^2/NDF : 132325766337

-27.342 ± 0.000 χ^2/NDF : 38071.5/22

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: -8.549 ± 0.453 $\chi^2/\text{NDF}: 614.8/4$

Right Out: 5.568 ± 0.000 $\chi^2/\text{NDF}: 24057.5/19$

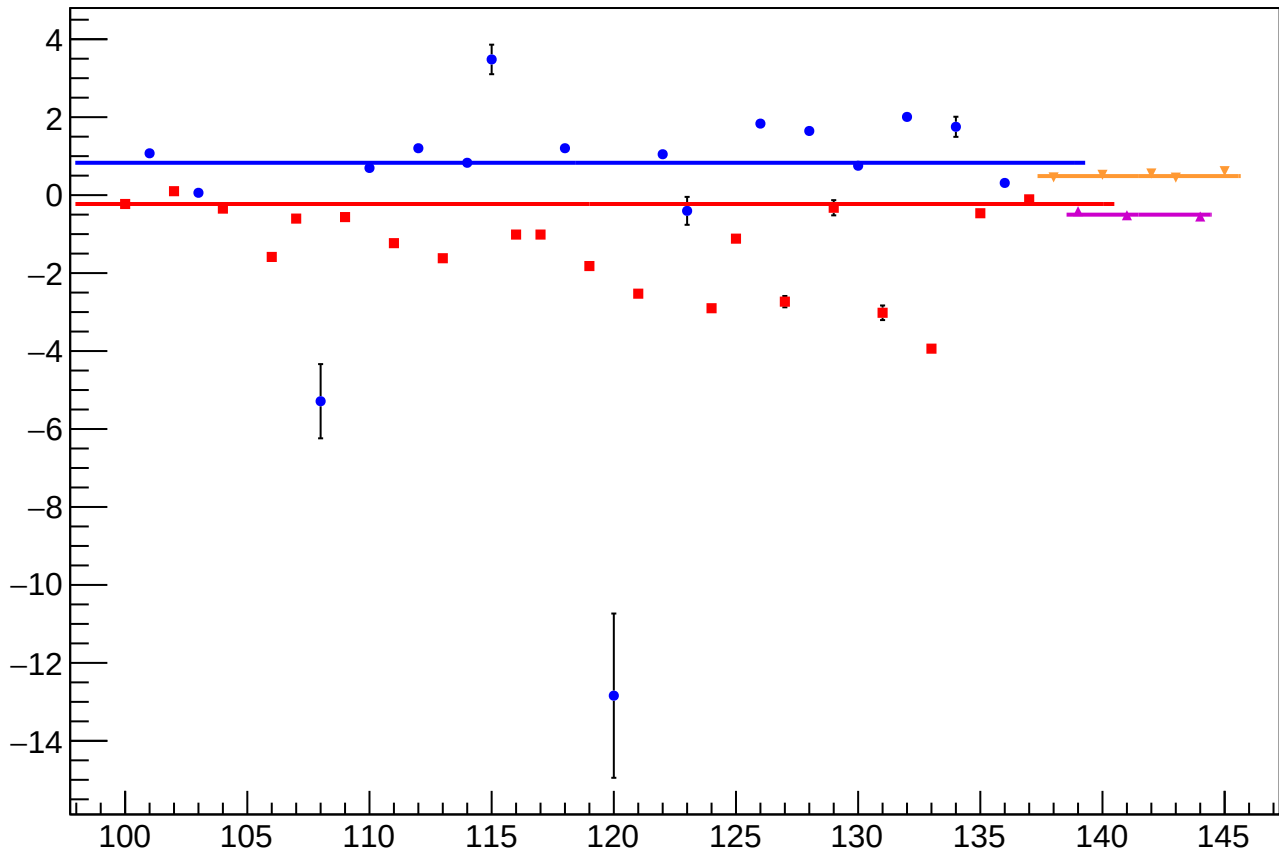
Left In: -4.592 ± 0.326 $\chi^2/\text{NDF}: 769.0/2$

-17.804 ± 0.141 $\chi^2/\text{NDF}: 12842.6/21$

5.568 ± 0.000 $\chi^2/\text{NDF}: 66099.0/44$

5.568 ± 0.000 $\chi^2/\text{NDF}: 25797.6/22$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF : 14882.7/16

Left Out: 0.489+/-0.003 χ^2/NDF : 264.9/4

Right Out: -0.227+/-0.000 χ^2/NDF : 12548.7/19

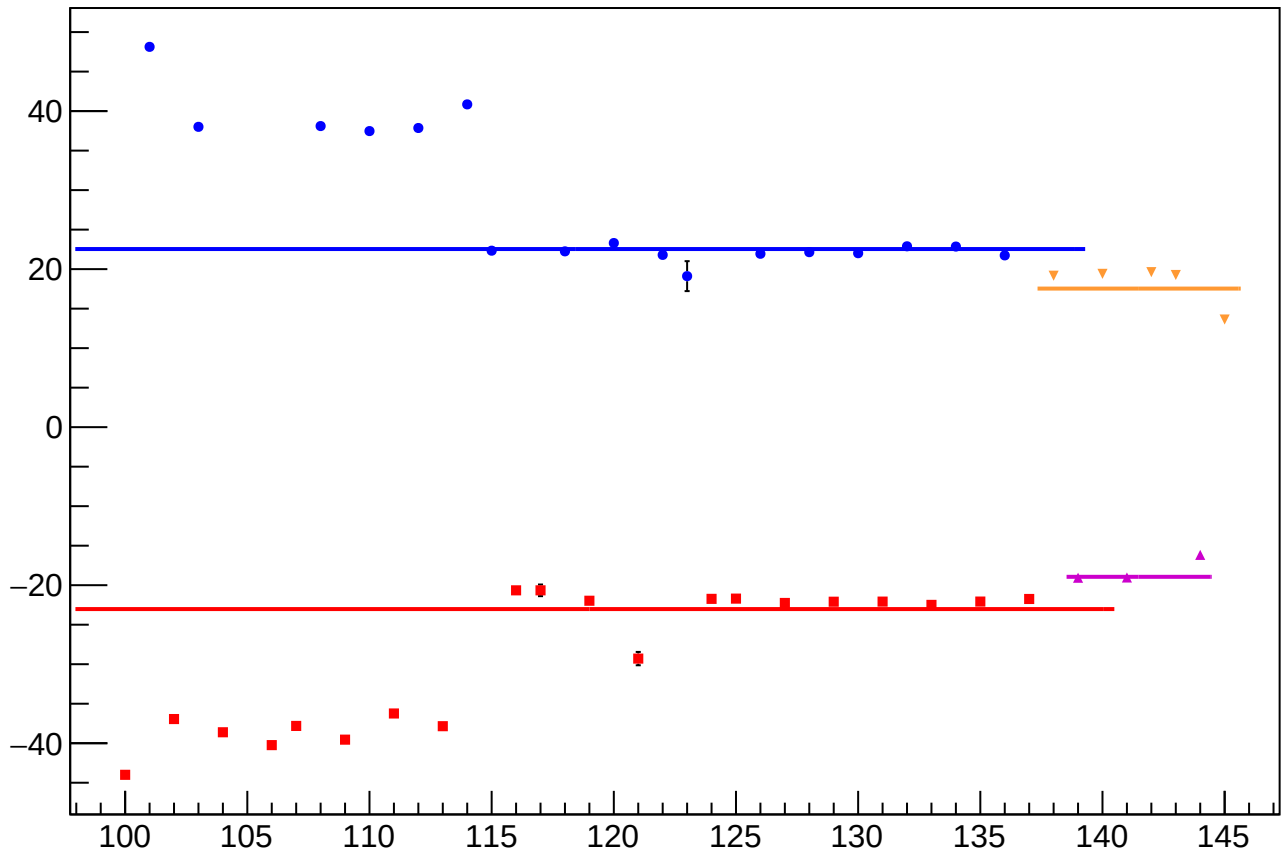
Left In: -0.501+/-0.003 χ^2/NDF : 414.4/2

0.830+/-0.000 χ^2/NDF : 30304.3/21

-0.119+/-0.000 χ^2/NDF : 8952099166794

-0.227+/-0.000 χ^2/NDF : 23679.7/22

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543 $\pm$ 0.009 χ^2/NDF : 105452.8/16

Left Out: 17.539 $\pm$ 0.010 χ^2/NDF : 66335.4/4

Right Out: -23.022 $\pm$ 0.009 χ^2/NDF : 165848.3/19

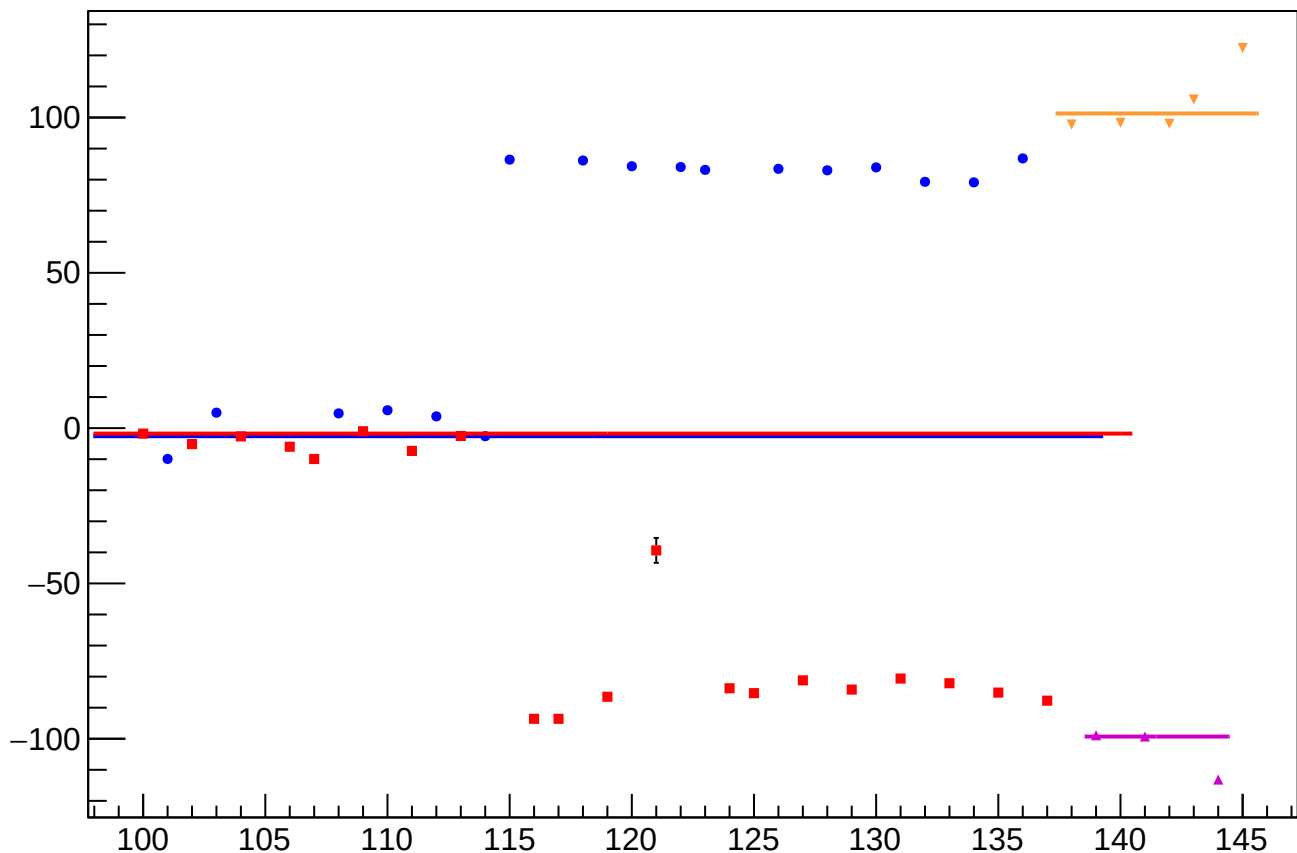
Left In: -18.940 $\pm$ 0.016 χ^2/NDF : 1054.8/2

20.311 $\pm$ 0.007 χ^2/NDF : 300630.6/21

1.845 $\pm$ 0.005 χ^2/NDF : 16800175.2/44

-22.039 $\pm$ 0.008 χ^2/NDF : 215939.8/22

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596 ± 0.000 χ^2/NDF : 7395182.7/16

Left Out: 101.298 ± 0.029 χ^2/NDF : 51240.7/4

Right Out: -1.758 ± 0.000 χ^2/NDF : 4236707.9/19

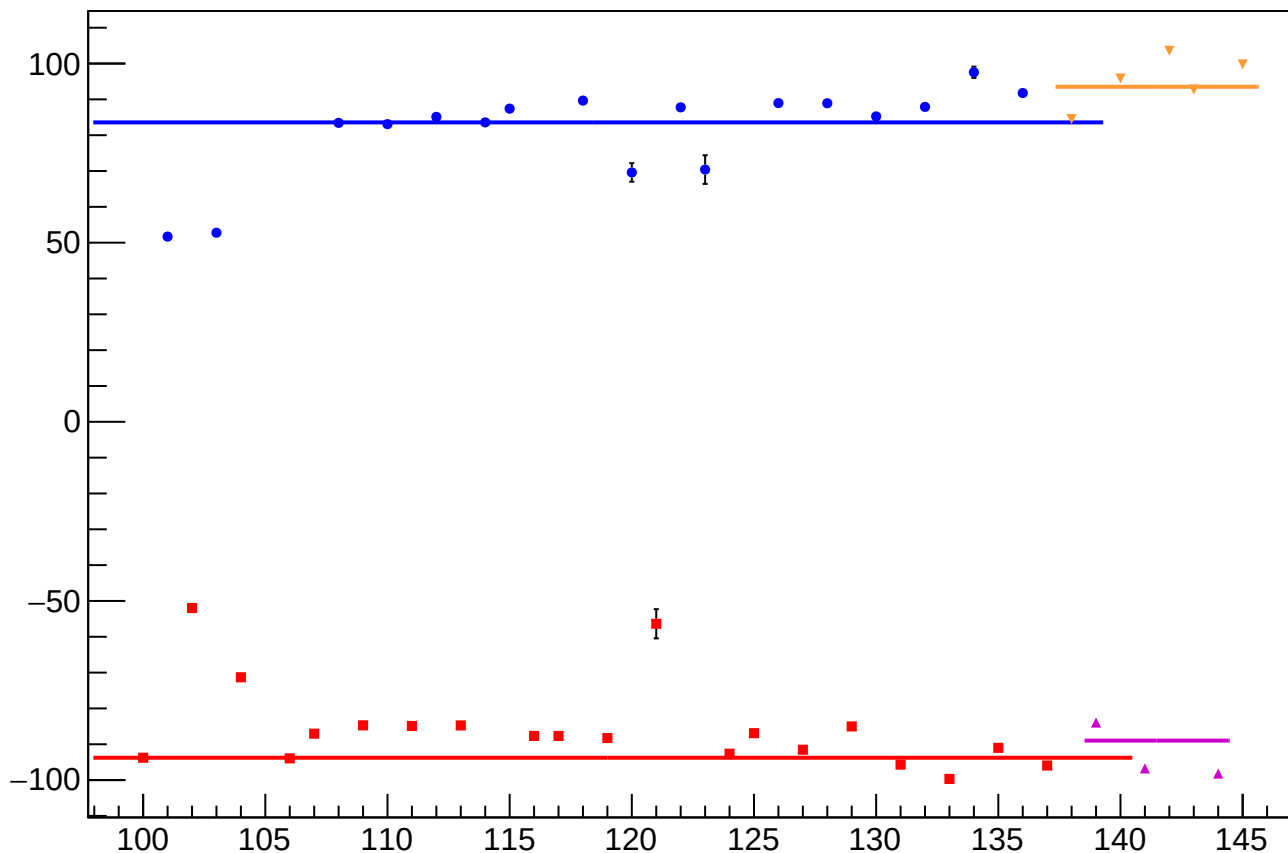
Left In: -99.299 ± 0.031 χ^2/NDF : 1219.2/2

-2.596 ± 0.000 χ^2/NDF : 20321005.6/21

-2.300 ± 0.000 χ^2/NDF : 1380717163323

-1.758 ± 0.000 χ^2/NDF : 14234961.6/22

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573 ± 0.000 χ^2/NDF : 49468.0/16

Left Out: 93.516 ± 0.173 χ^2/NDF : 548.3/4

Right Out: -93.762 ± 0.000 χ^2/NDF : 85273.0/19

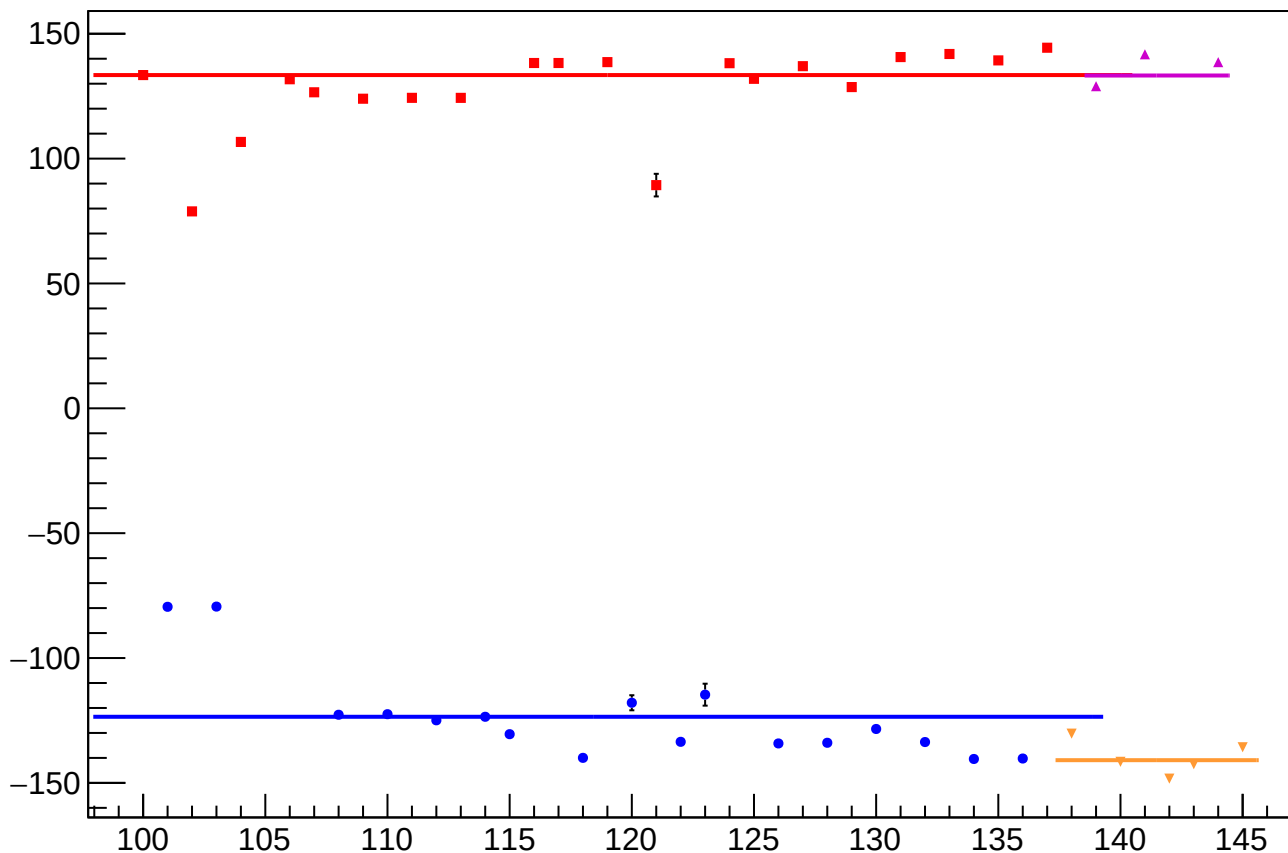
Left In: -88.983 ± 0.145 χ^2/NDF : 2008.8/2

83.573 ± 0.000 χ^2/NDF : 53307.7/21

20.984 ± 0.000 χ^2/NDF : 6045693090189

-93.762 ± 0.000 χ^2/NDF : 88365.6/22

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524 $\pm$ 0.000 χ^2/NDF : 160356.5/16

Left Out: -140.906 $\pm$ 0.172 χ^2/NDF : 545.6/4

Right Out: 133.456 $\pm$ 0.000 χ^2/NDF : 396347.1/19

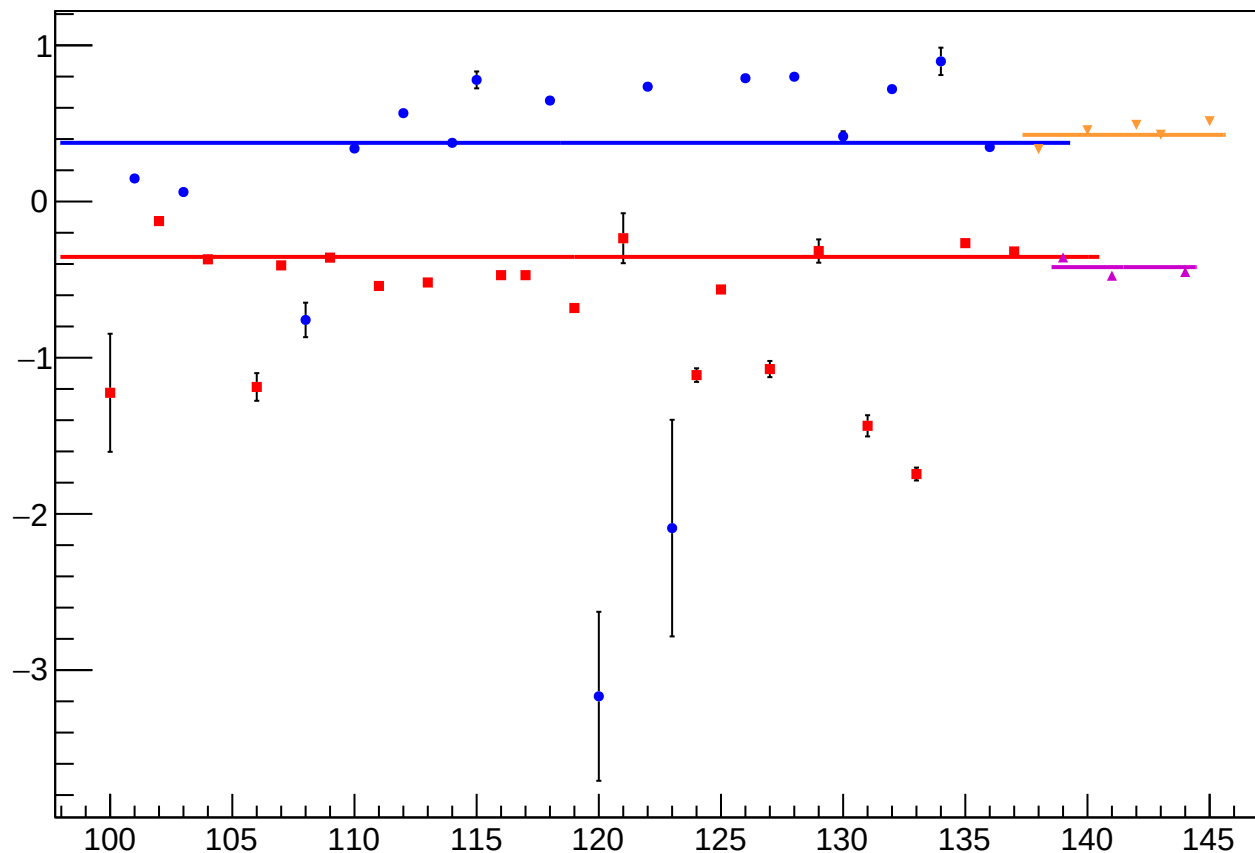
Left In: 133.281 $\pm$ 0.139 χ^2/NDF : 1621.1/2

-123.524 $\pm$ 0.000 χ^2/NDF : 171094.6/21

-92.687 $\pm$ 0.000 χ^2/NDF : 431650658224

133.456 $\pm$ 0.000 χ^2/NDF : 397969.8/22

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376 ± 0.000 χ^2/NDF : 3961.7/16

Left Out: 0.427 ± 0.001 χ^2/NDF : 700.9/4

Right Out: -0.354 ± 0.002 χ^2/NDF : 4618.1/19

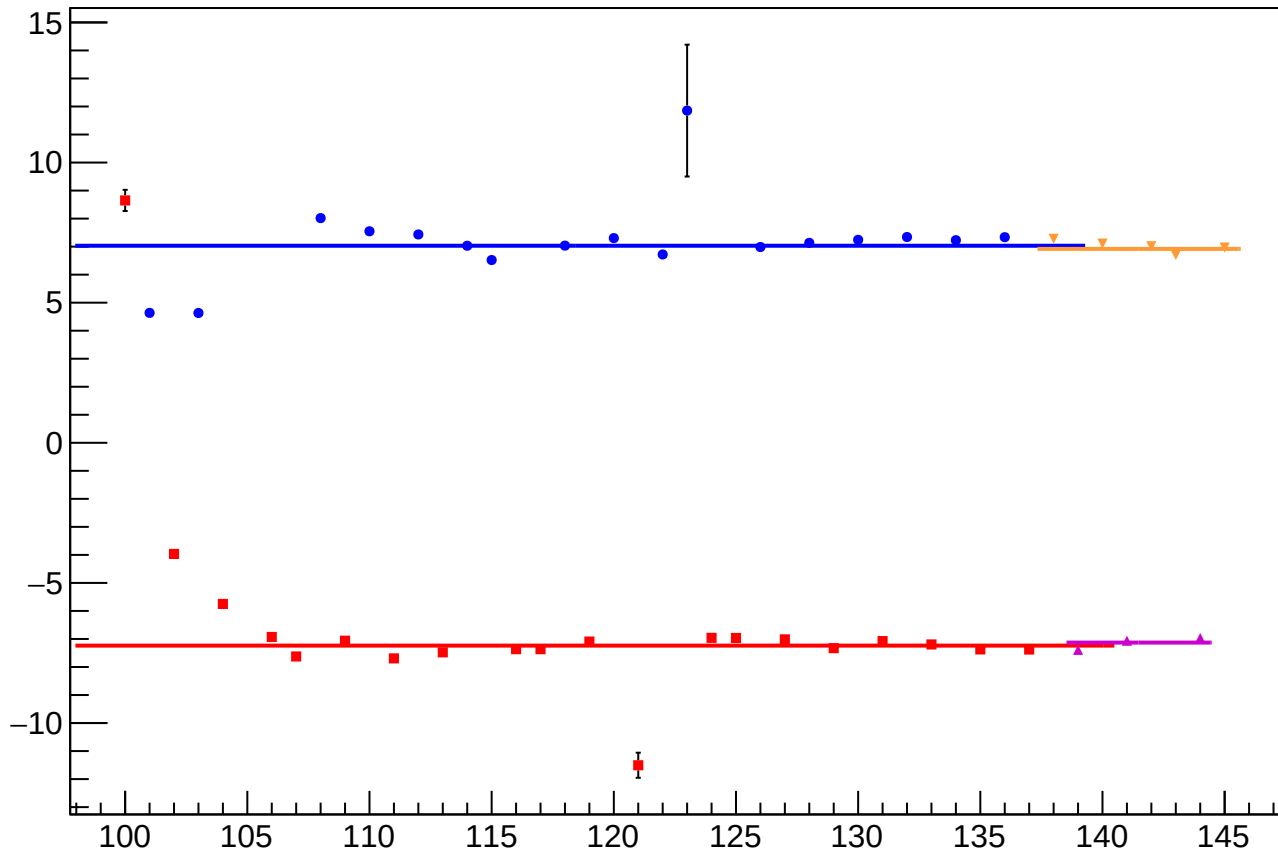
Left In: -0.420 ± 0.001 χ^2/NDF : 2603.4/2

0.376 ± 0.000 χ^2/NDF : 5998.2/21

0.376 ± 0.000 χ^2/NDF : 786138.8/44

-0.398 ± 0.001 χ^2/NDF : 8465.9/22

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 6.919 $\pm$ 0.003 χ^2 /NDF:6617.2/4

Right Out: -7.237 $\pm$ 0.002 χ^2 /NDF: 10146.4/19

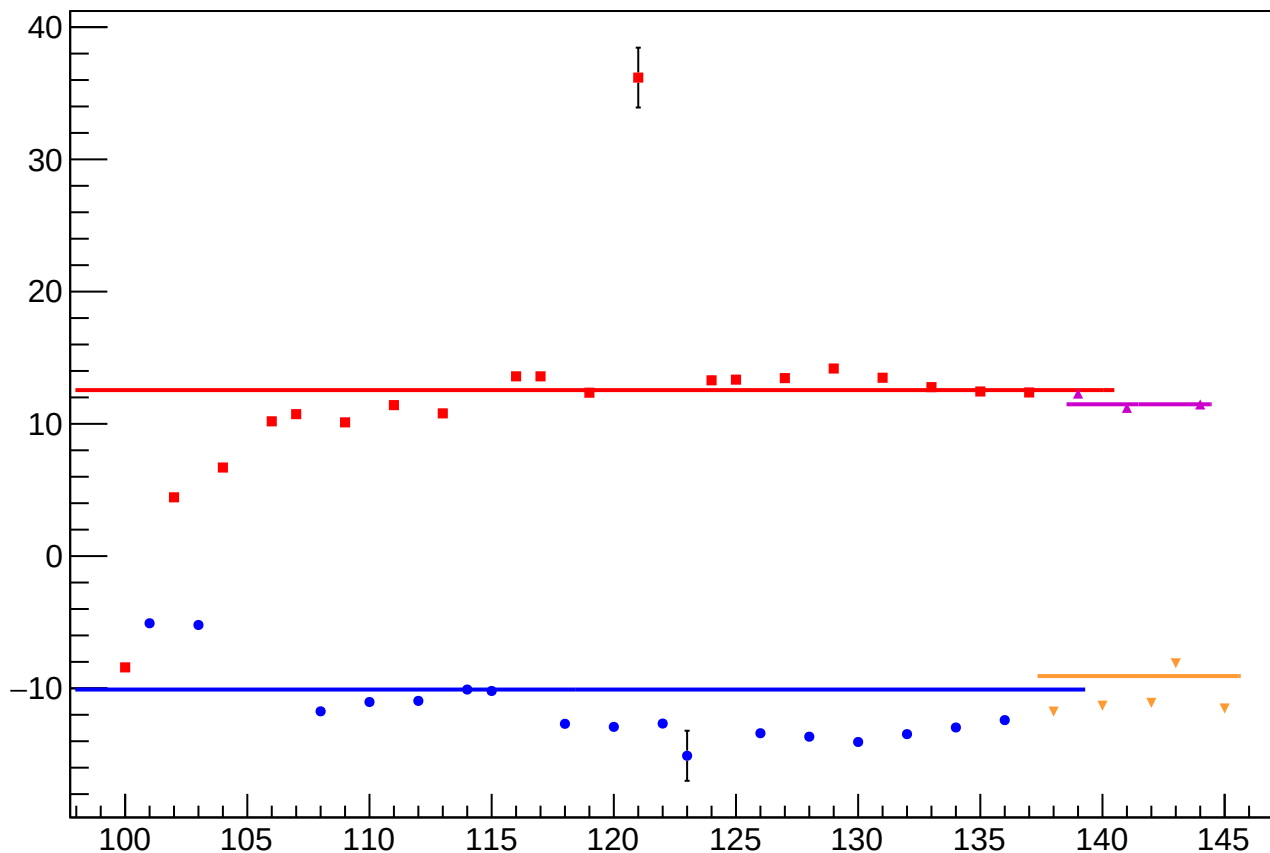
Left In: -7.129 $\pm$ 0.002 χ^2 /NDF:5509.3/2

7.032 $\pm$ 0.000 χ^2 /NDF: 28077.5/21

7.032 $\pm$ 0.000 χ^2 /NDF: 70126587.3/44

-7.185 $\pm$ 0.002 χ^2 /NDF: 16661.2/22

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092 ± 0.000 $\chi^2/\text{NDF}: 543504.2/16$

Left Out: -9.074 ± 0.005 $\chi^2/\text{NDF}: 89855.6/4$

Right Out: 12.551 ± 0.004 $\chi^2/\text{NDF}: 106791.1/19$

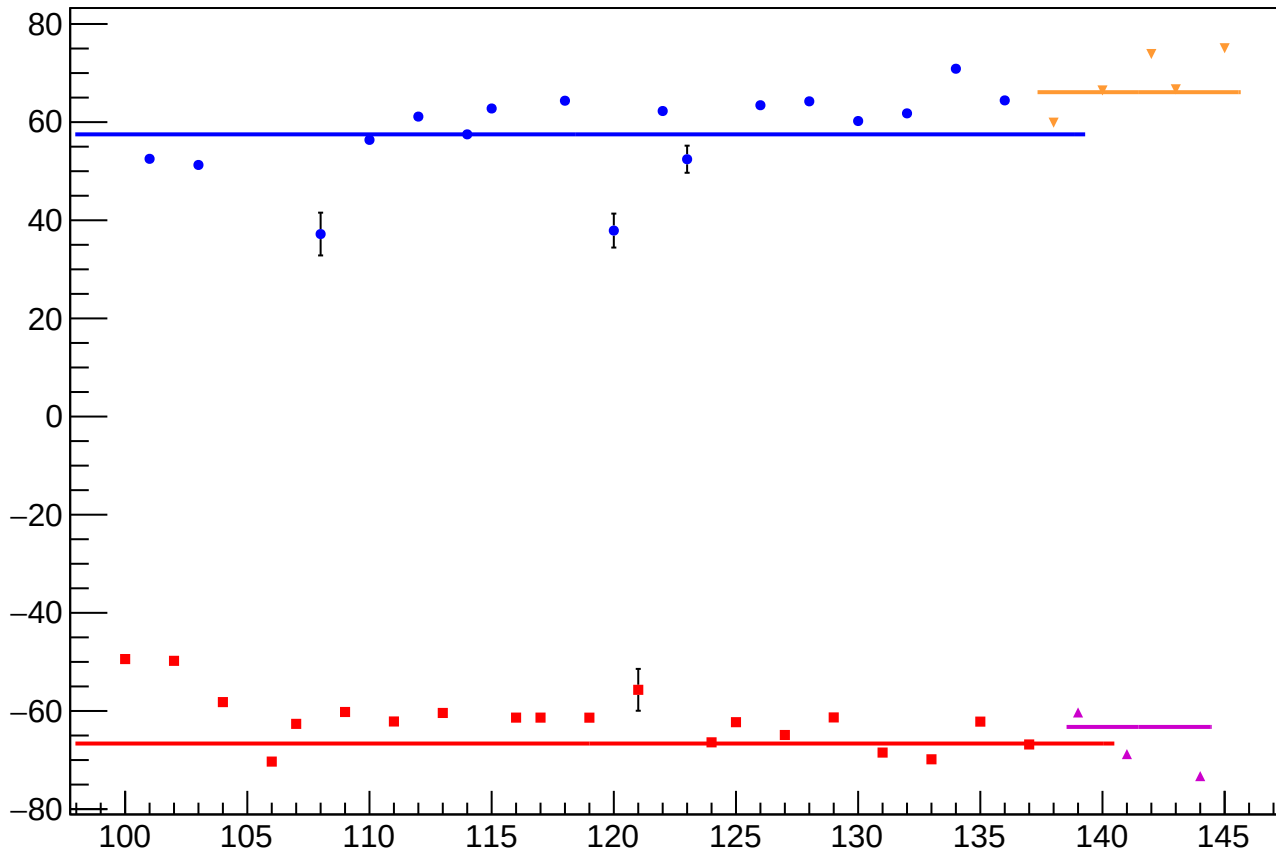
Left In: 11.480 ± 0.007 $\chi^2/\text{NDF}: 3066.4/2$

-10.092 ± 0.000 $\chi^2/\text{NDF}: 674243.8/21$

-10.092 ± 0.000 $\chi^2/\text{NDF}: 47654571.2/44$

12.330 ± 0.003 $\chi^2/\text{NDF}: 127372.3/22$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510+/-0.000 χ^2/NDF : 8108.6/16

Left Out: 66.104+/-0.119 χ^2/NDF : 871.6/4

Right Out: -66.634+/-0.013 χ^2/NDF : 8486.4/19

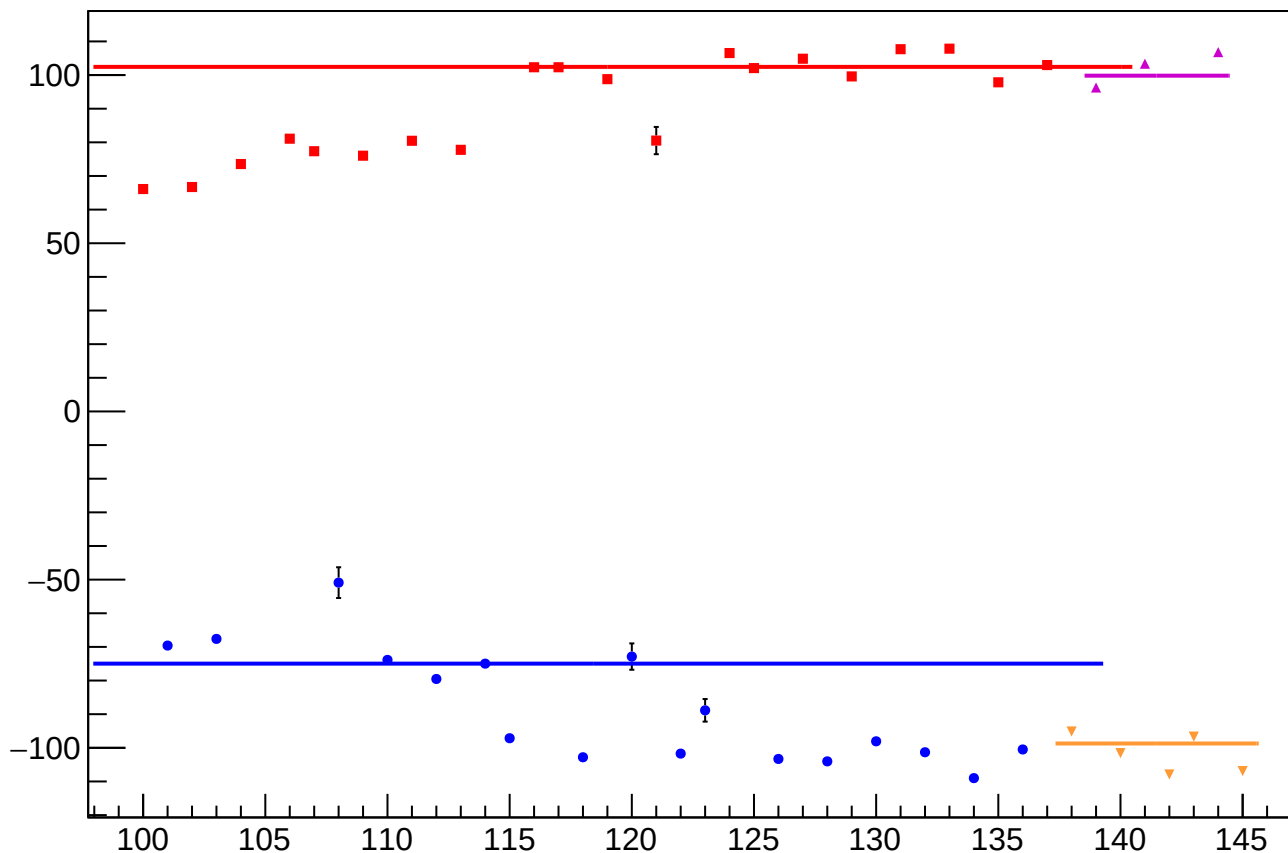
Left In: -63.249+/-0.098 χ^2/NDF : 2184.9/2

57.510+/-0.000 χ^2/NDF : 14183.8/21

57.510+/-0.000 χ^2/NDF : 91868983.8/44

-66.576+/-0.013 χ^2/NDF : 11835.6/22

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF : 130544.0/16

Left Out: -98.712+/-0.119 χ^2/NDF : 920.0/4

Right Out: 102.430+/-0.018 χ^2/NDF : 50377.6/19

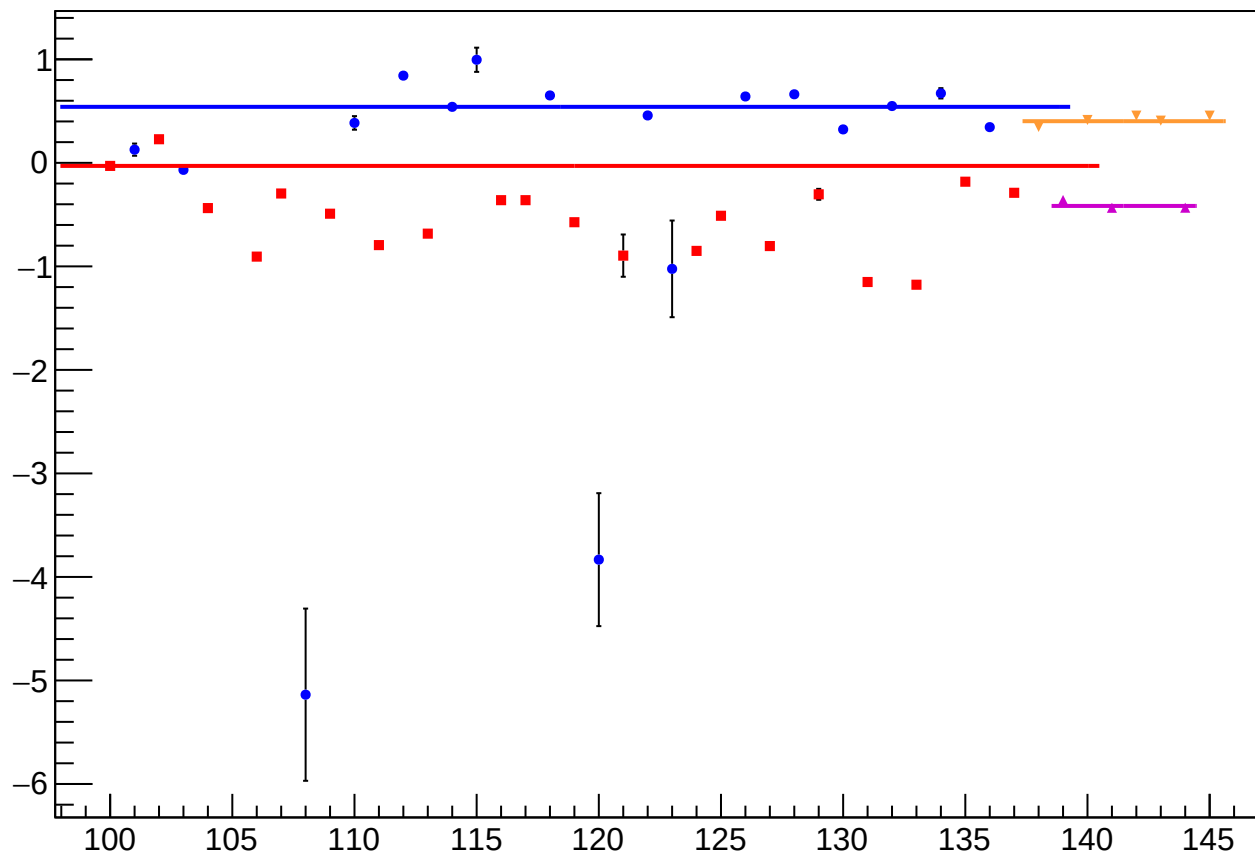
Left In: 99.815+/-0.116 χ^2/NDF : 1253.5/2

-74.974+/-0.000 χ^2/NDF : 171028.6/21

-74.974+/-0.000 χ^2/NDF : 102010674.2/4

102.369+/-0.018 χ^2/NDF : 52130.3/22

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.541 ± 0.000 χ^2/NDF : 29180.5/16

Left Out: 0.402 ± 0.001 χ^2/NDF : 528.9/4

Right Out: -0.030 ± 0.000 χ^2/NDF : 121752.0/19

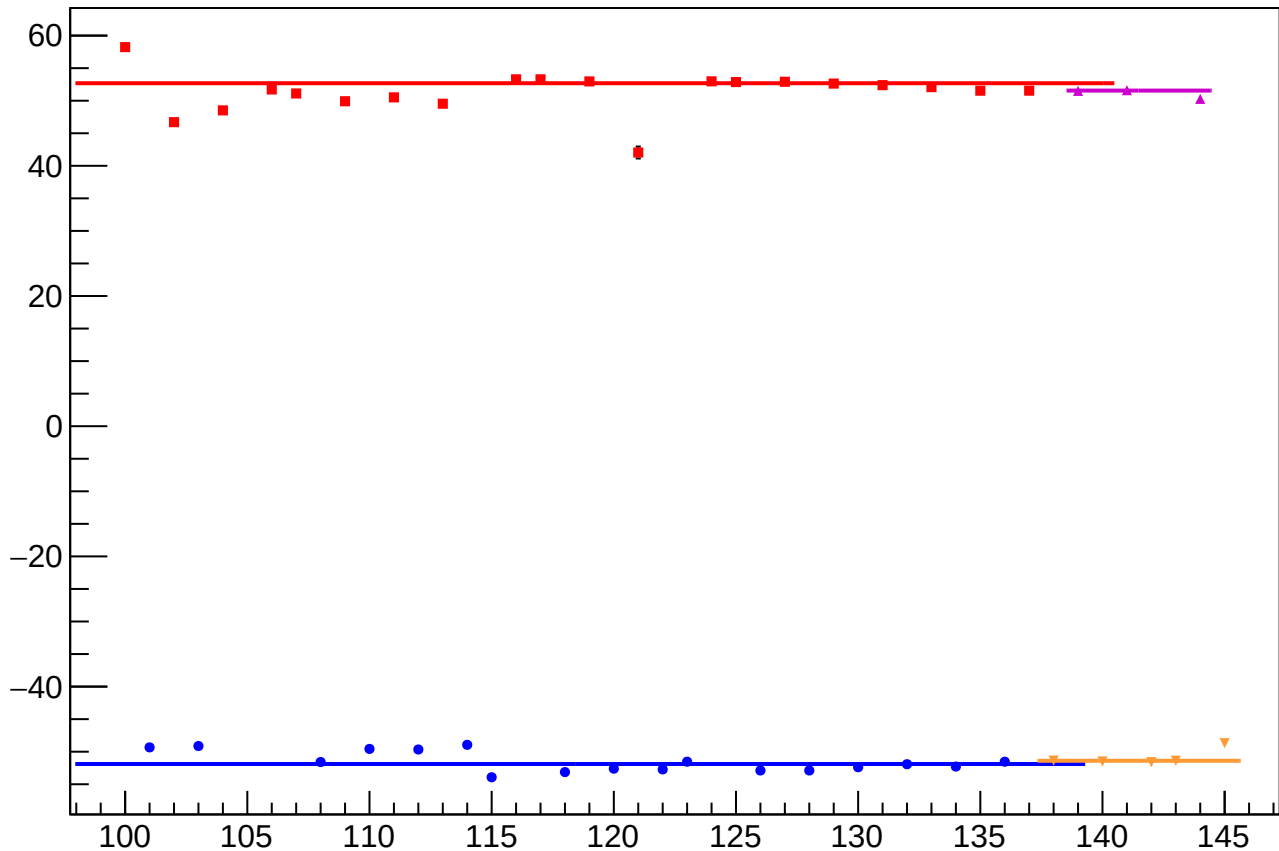
Left In: -0.416 ± 0.001 χ^2/NDF : 1037.2/2

0.541 ± 0.000 χ^2/NDF : 44585.4/21

-0.028 ± 0.000 χ^2/NDF : 29006030357409

-0.030 ± 0.000 χ^2/NDF : 276830.3/22

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888 ± 0.002 χ^2/NDF : 77585.2/16

Left Out: -51.392 ± 0.004 χ^2/NDF : 5032.7/4

Right Out: 52.688 ± 0.003 χ^2/NDF : 56462.4/19

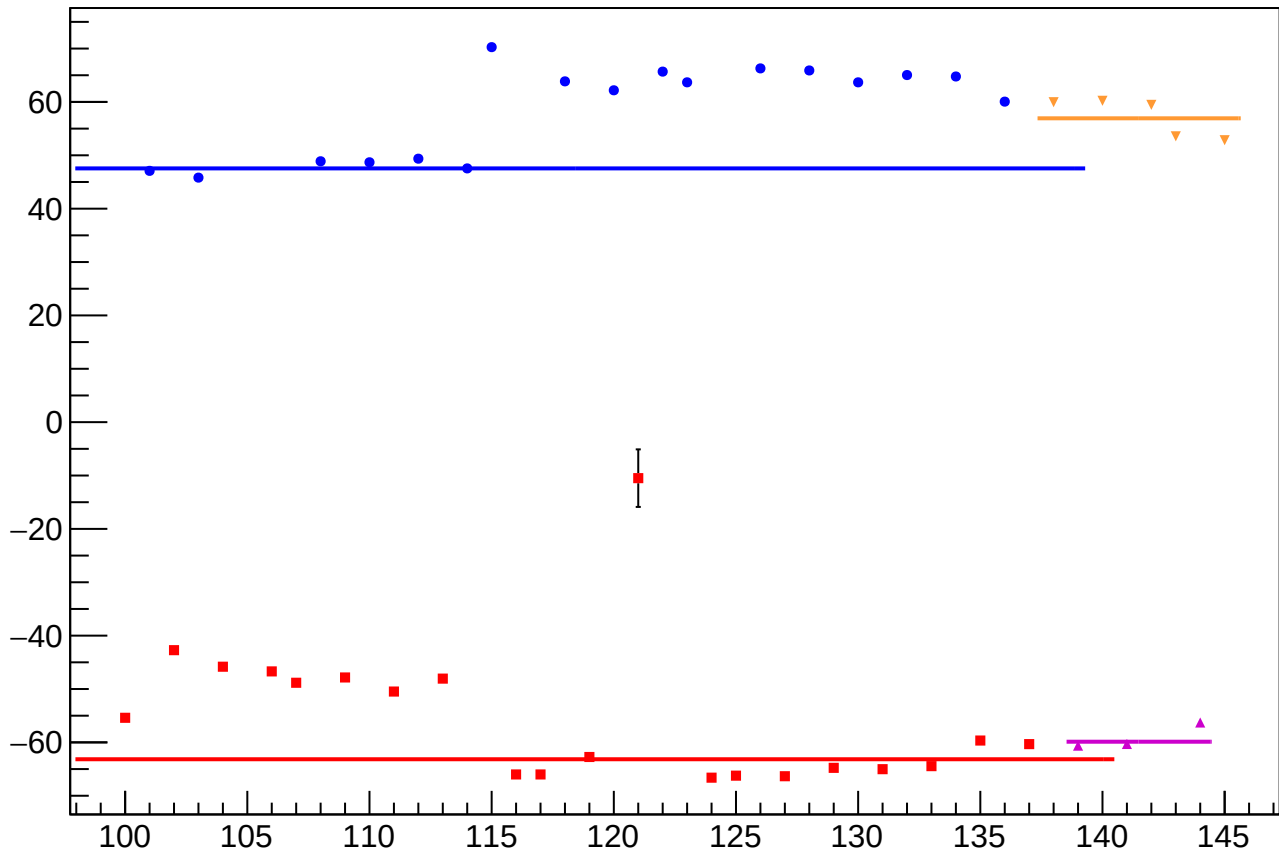
Left In: 51.556 ± 0.004 χ^2/NDF : 2664.3/2

-51.785 ± 0.002 χ^2/NDF : 92945.7/21

-3.434 ± 0.001 χ^2/NDF : 1281146891.6/44

52.344 ± 0.002 χ^2/NDF : 118805.8/22

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545+/-0.000 χ^2/NDF : 3491700.1/16

Left Out: 56.930+/-0.008 χ^2/NDF : 159877.9/4

Right Out: -63.161+/-0.007 χ^2/NDF : 337052.2/19

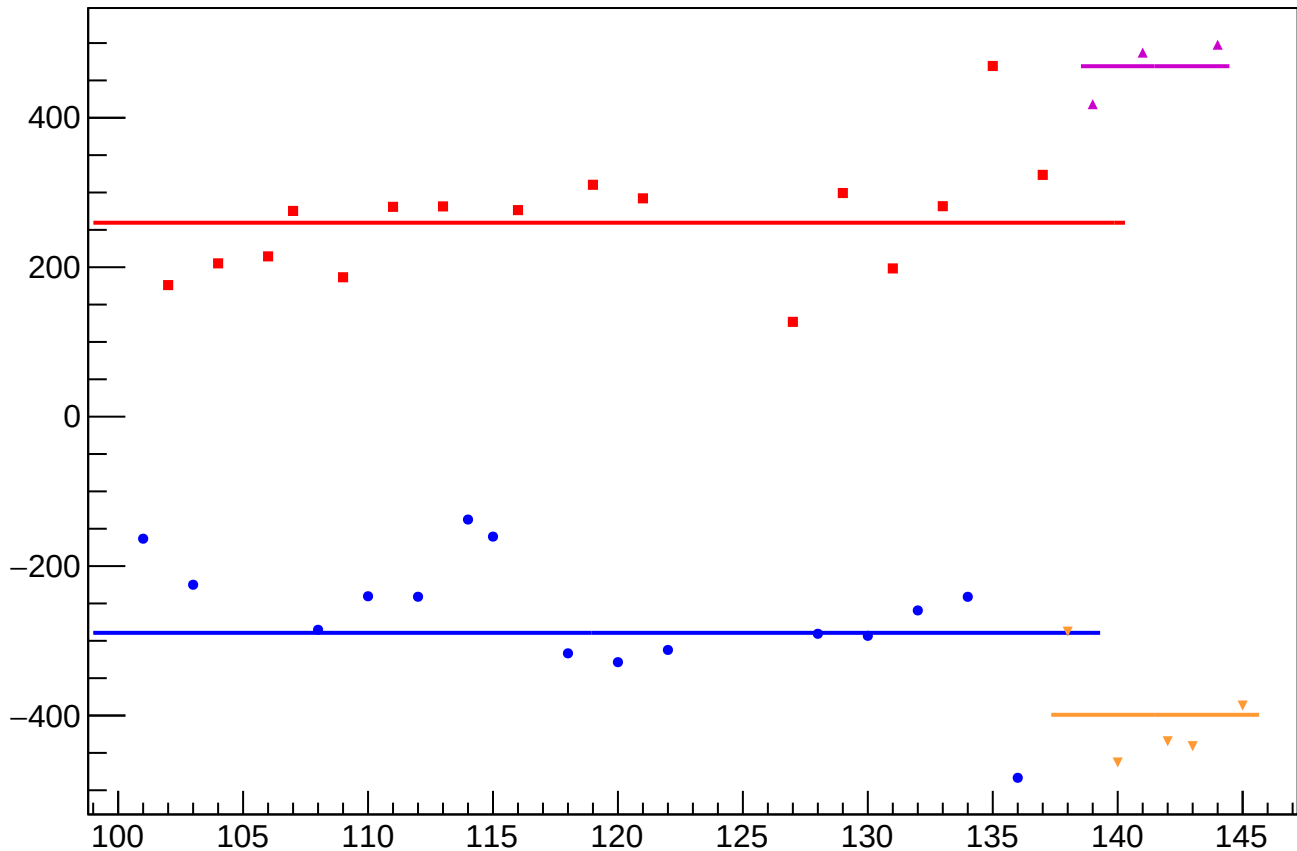
Left In: -59.876+/-0.022 χ^2/NDF : 3655.0/2

47.545+/-0.000 χ^2/NDF : 5019528.6/21

47.545+/-0.000 χ^2/NDF : 254585605.4/44

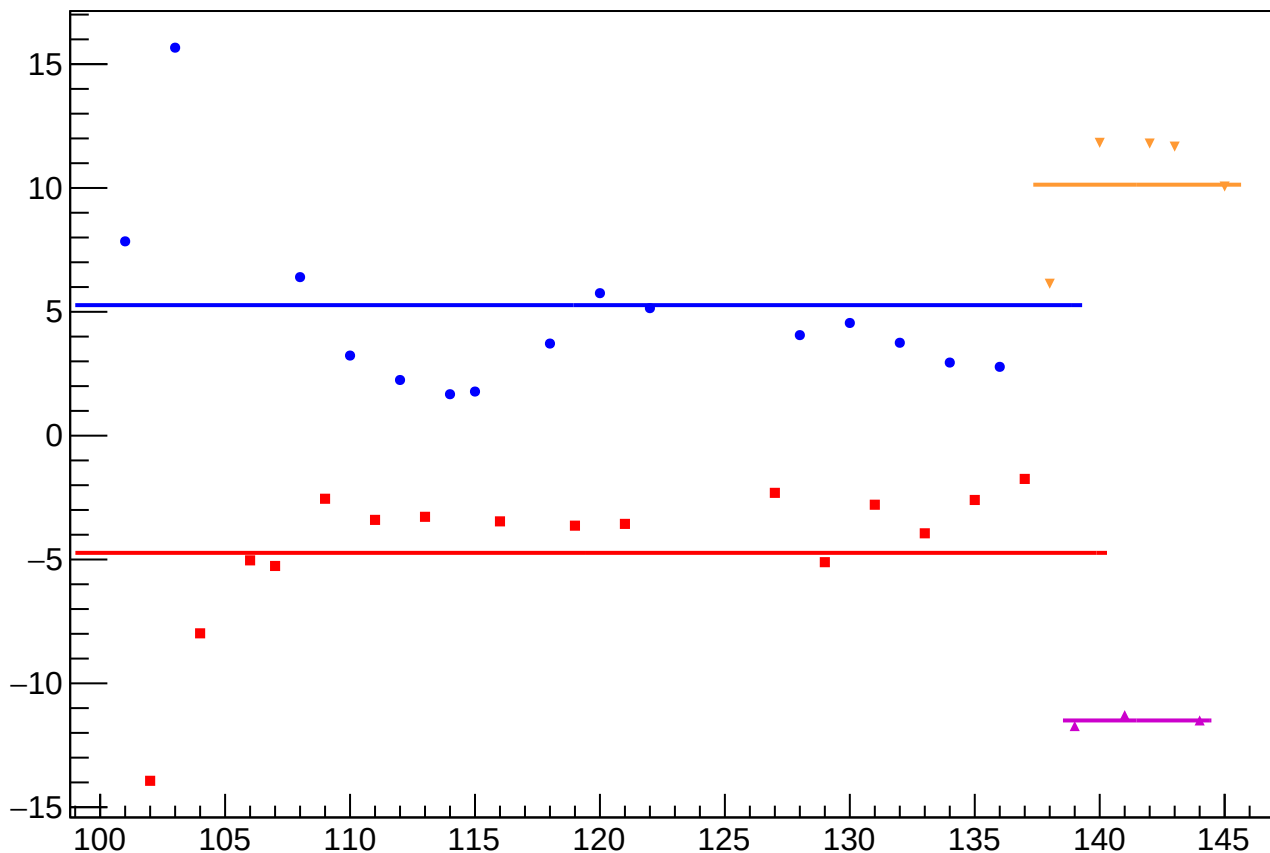
-62.817+/-0.007 χ^2/NDF : 361412.9/22

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: -289.322 ± 0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14
 Left Out: -399.014 ± 0.000 χ^2/NDF : 1488823794825315518881387329355776000.0/4
 Right Out: 259.558 ± 0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15
 Left In: 469.027 ± 0.000 χ^2/NDF : 311014949093836037041567916600852480.0/2

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



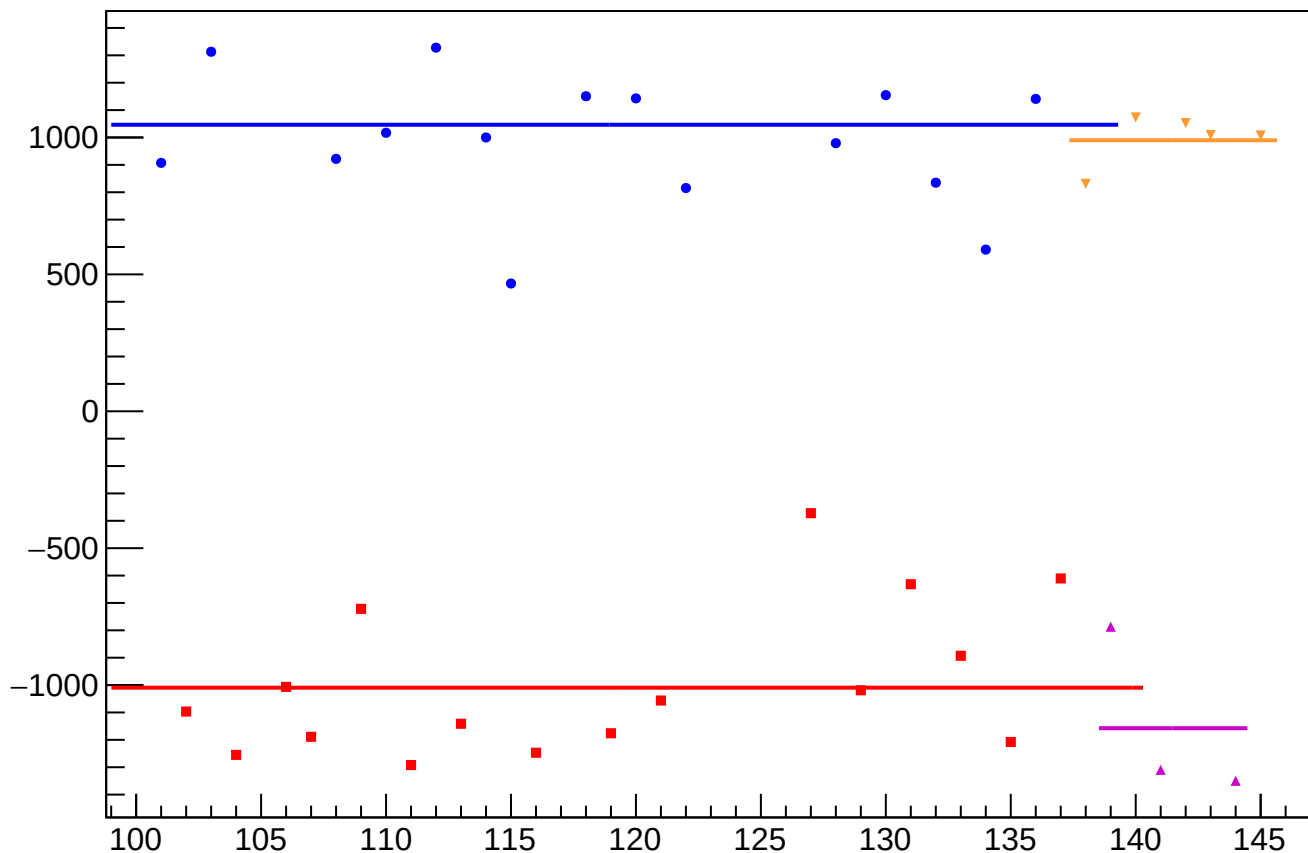
Right In: 5.270+/-0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 10.133+/-0.000 χ^2/NDF : 1767188709531180196523996124020736.0/4

Right Out: -4.732+/-0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15

Left In: -11.498+/-0.000 χ^2/NDF : 8062575738321969167275286069248.0/2

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



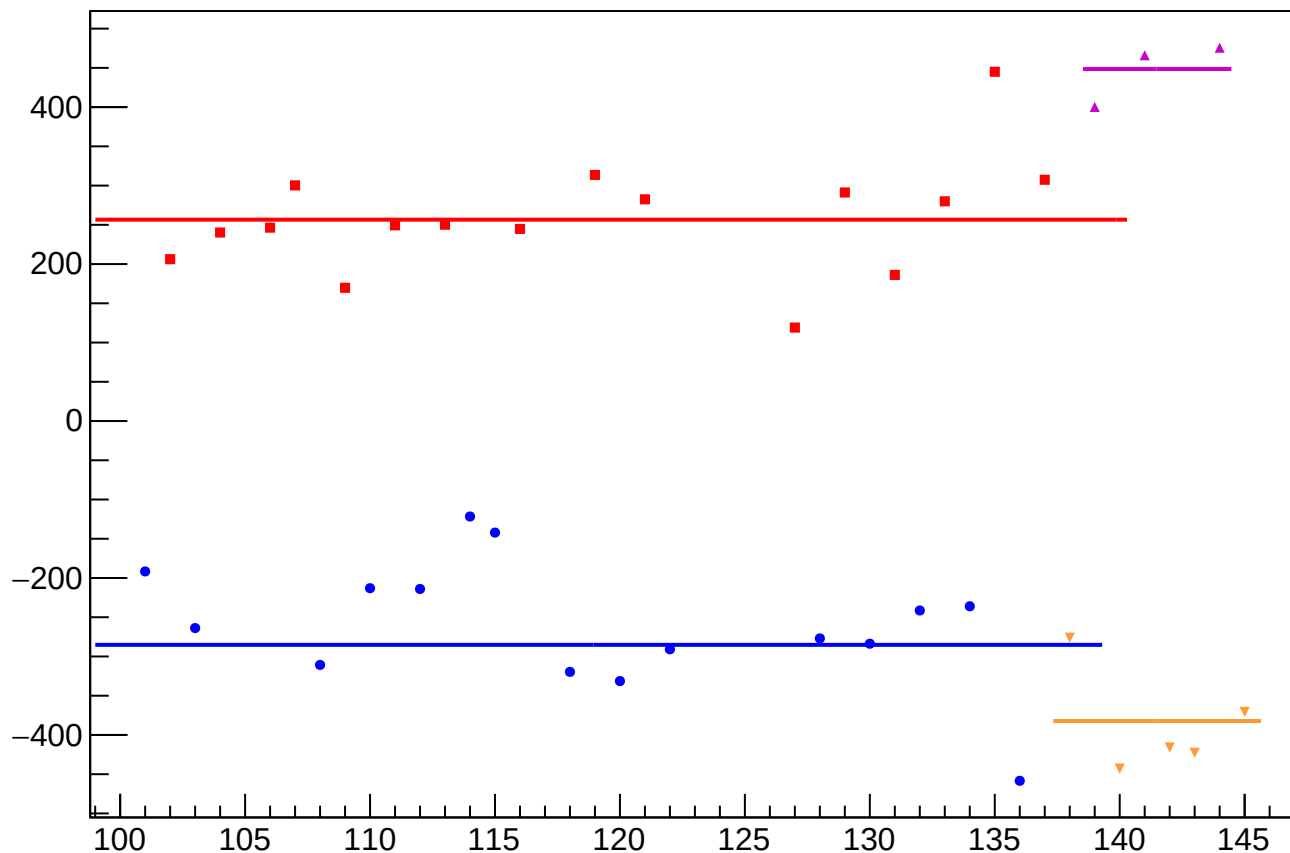
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_4eX_coil1_mean vs Slug, Sign Corrected



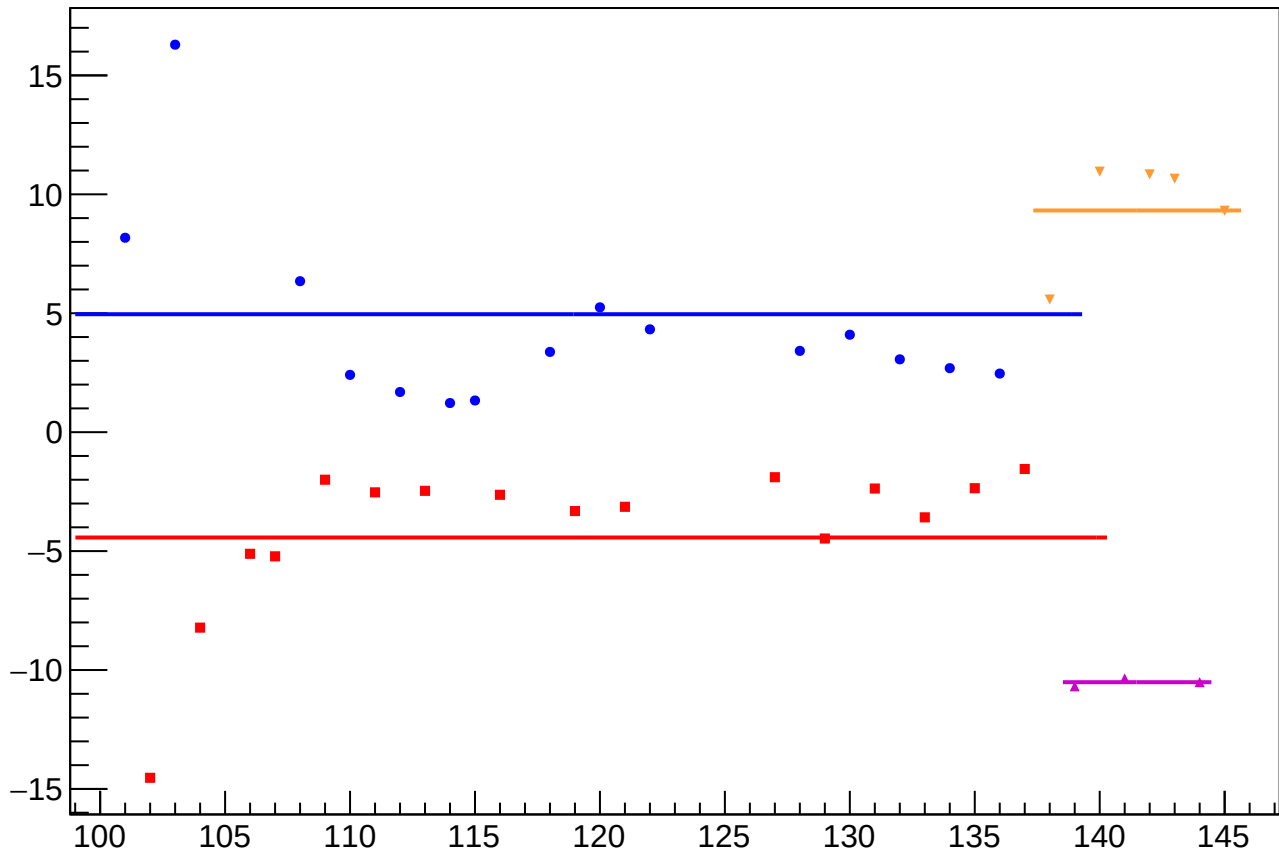
Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -382.235+/-0.000 χ^2/NDF : 1352575372581669038827859108564041728.0/4

Right Out: 256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

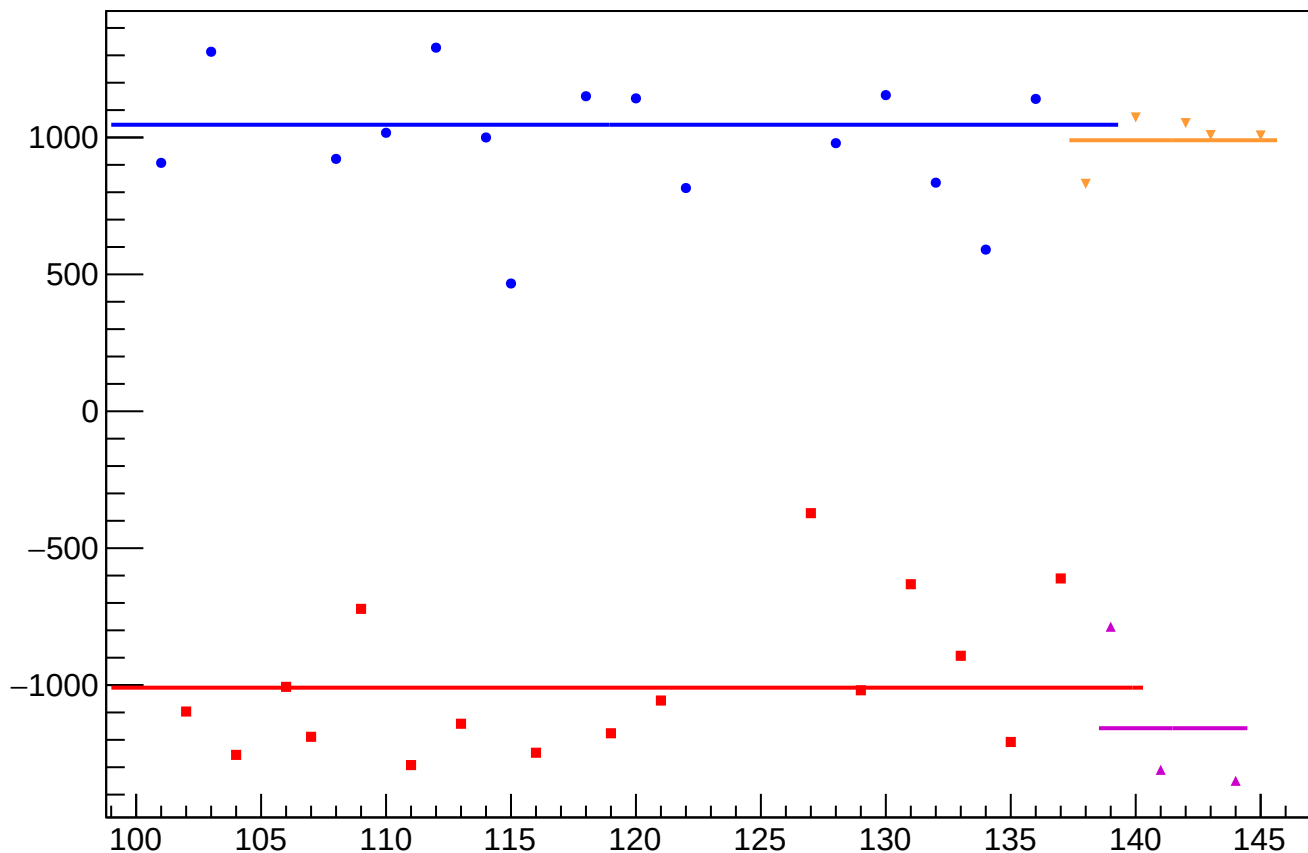
Left In: 448.548+/-0.000 χ^2/NDF : 280730374821686557425100776712175616.0/2

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959 +/- 0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14
 Left Out: 9.321 +/- 0.000 χ^2/NDF : 1538172675512381313758917608603648.0/4
 Right Out: -4.429 +/- 0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15
 Left In: -10.512 +/- 0.000 χ^2/NDF : 4588911592216588979422911004672.0/2

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



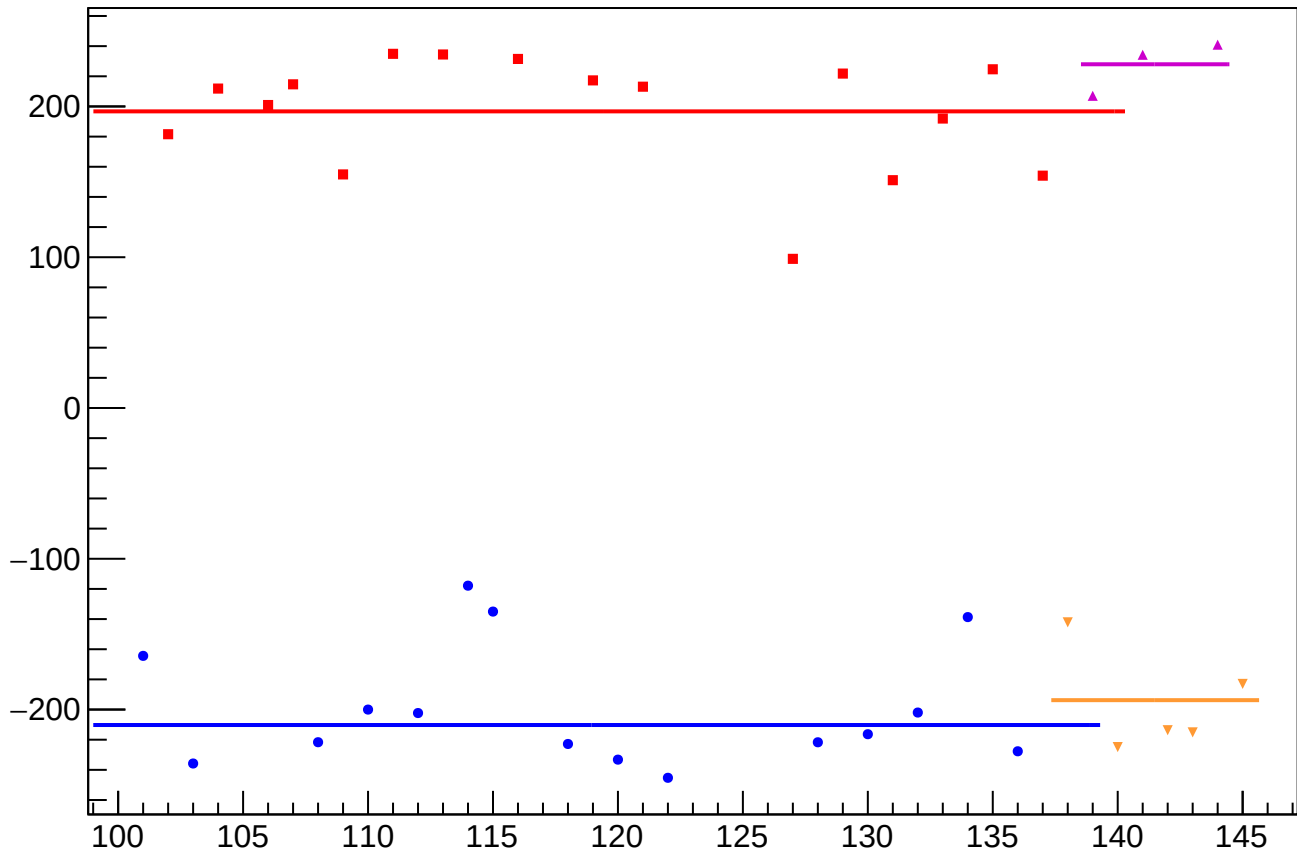
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_11X12X_coil1_mean vs Slug, Sign Corrected



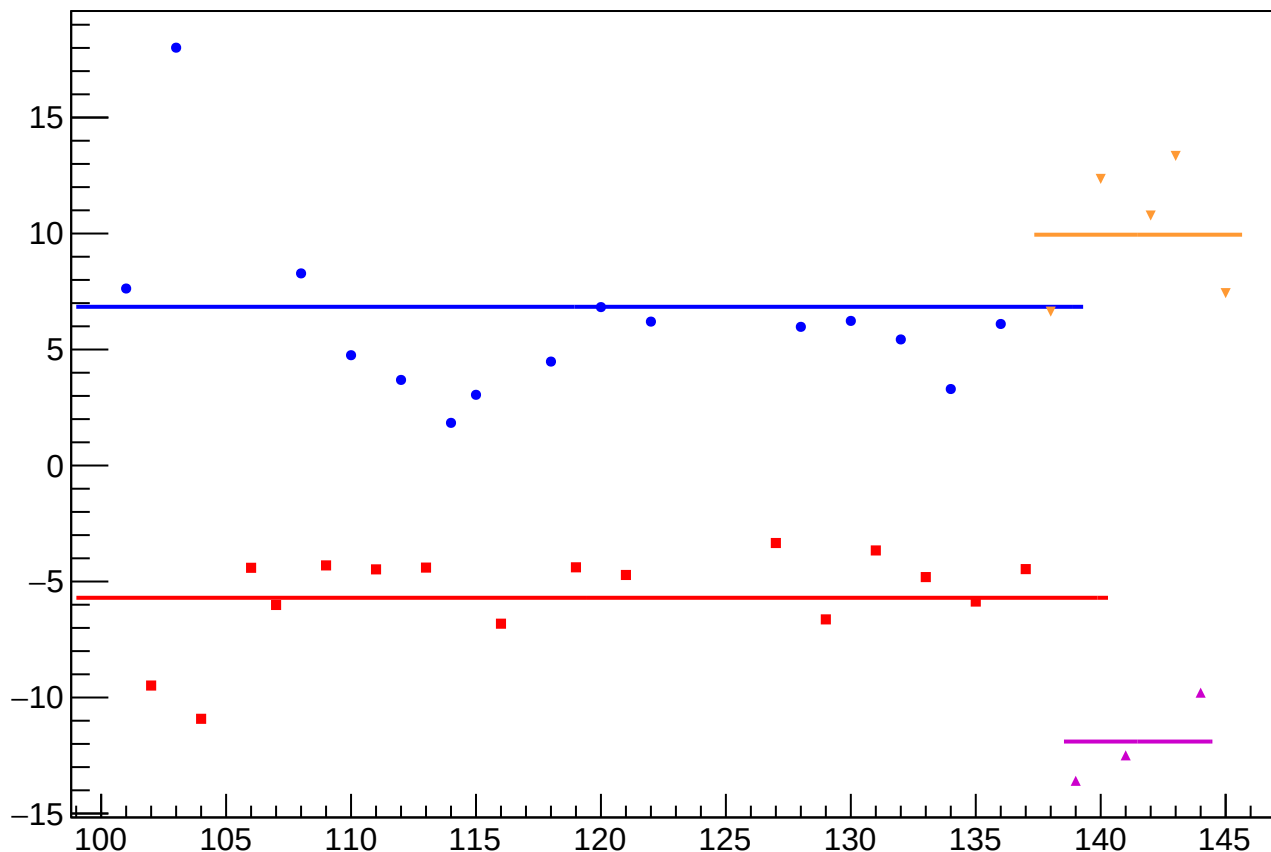
Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -193.780+/-0.000 χ^2/NDF : 345488579630456083139516743752351744.0/4

Right Out: 196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

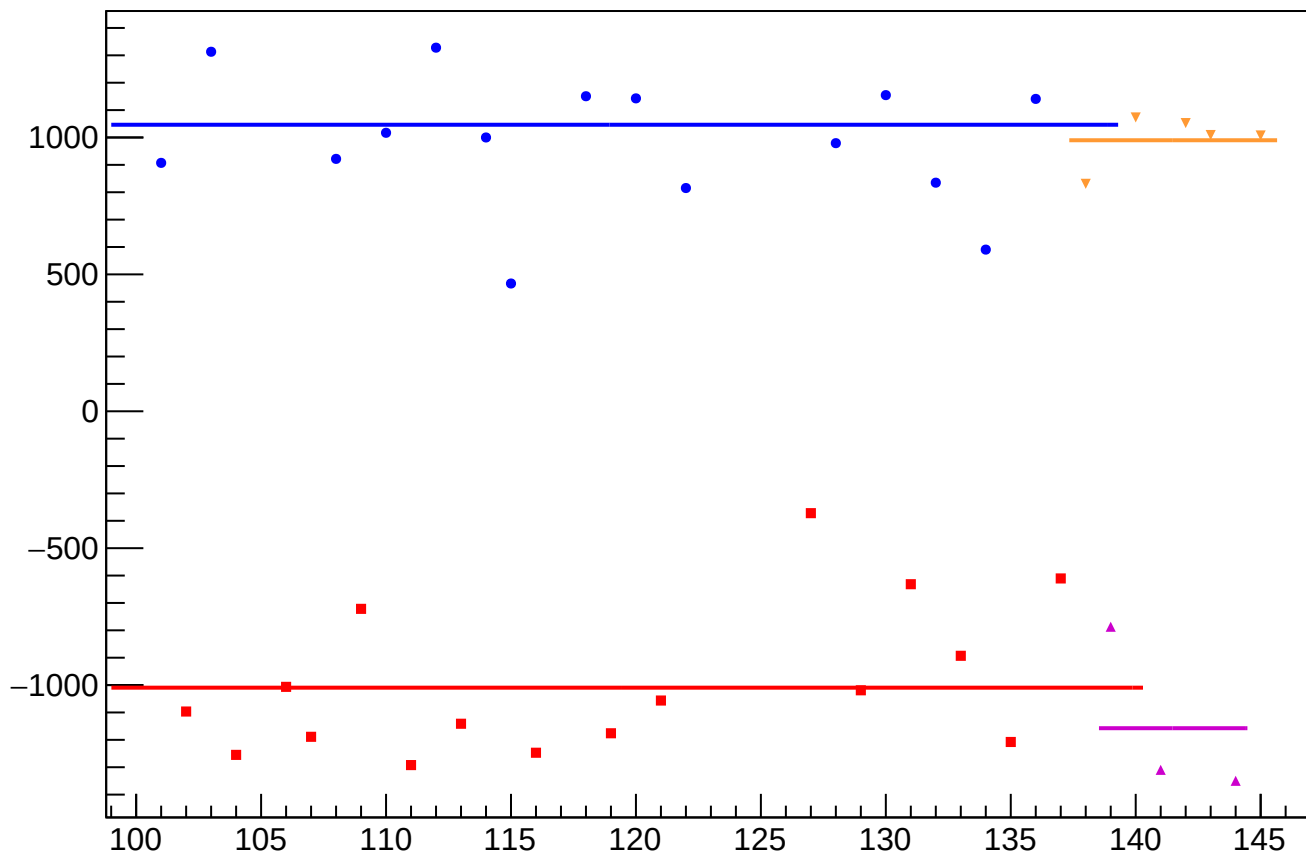
Left In: 227.973+/-0.000 χ^2/NDF : 53845294676422554412812001188249600.0/2

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 6.842+/-0.000 χ^2/NDF : 9355934166823324467316647620771840.0/14
 Left Out: 9.949+/-0.000 χ^2/NDF : 2650060088424355648388973056753664.0/4
 Right Out: -5.701+/-0.000 χ^2/NDF : 3174693398300953393137731791486976.0/15
 Left In: -11.898+/-0.000 χ^2/NDF : 657114598684096782724249239420928.0/2

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



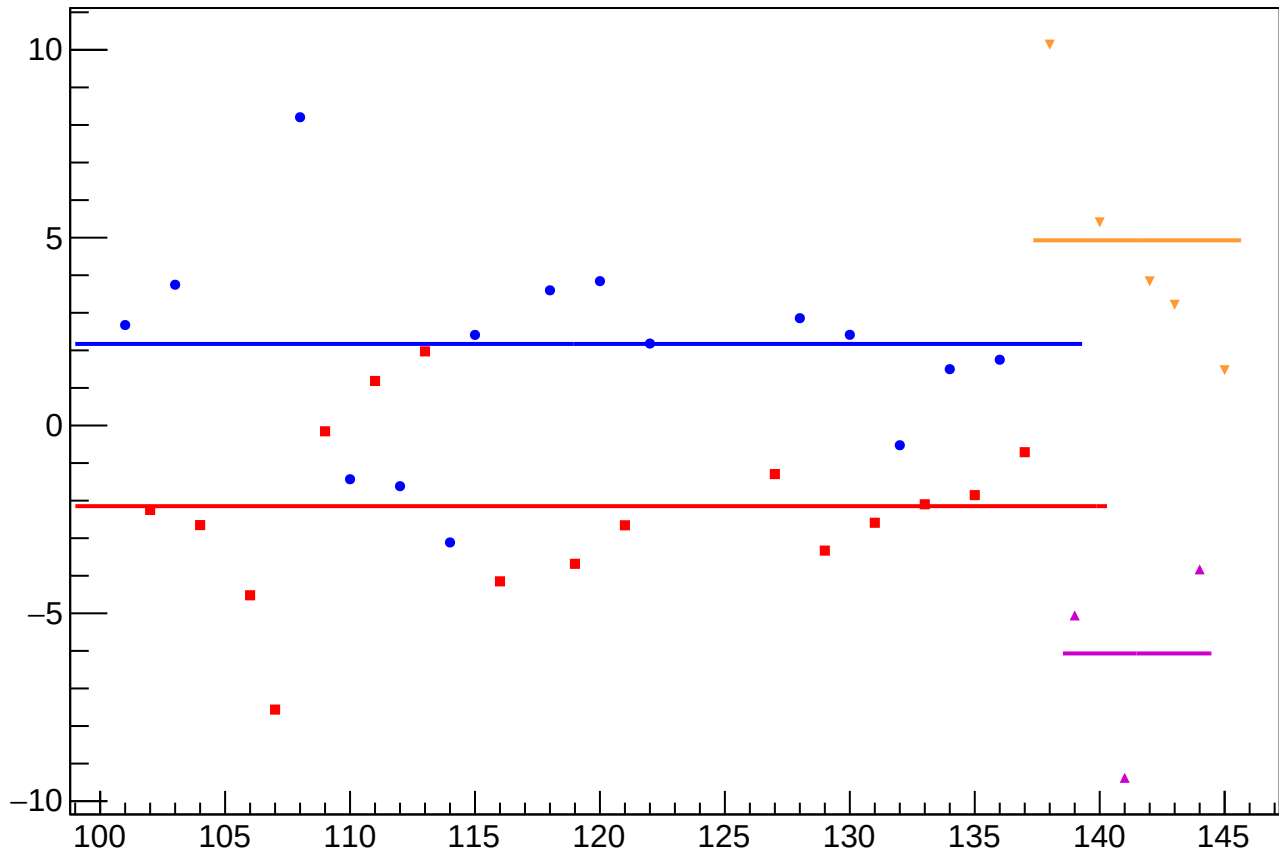
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

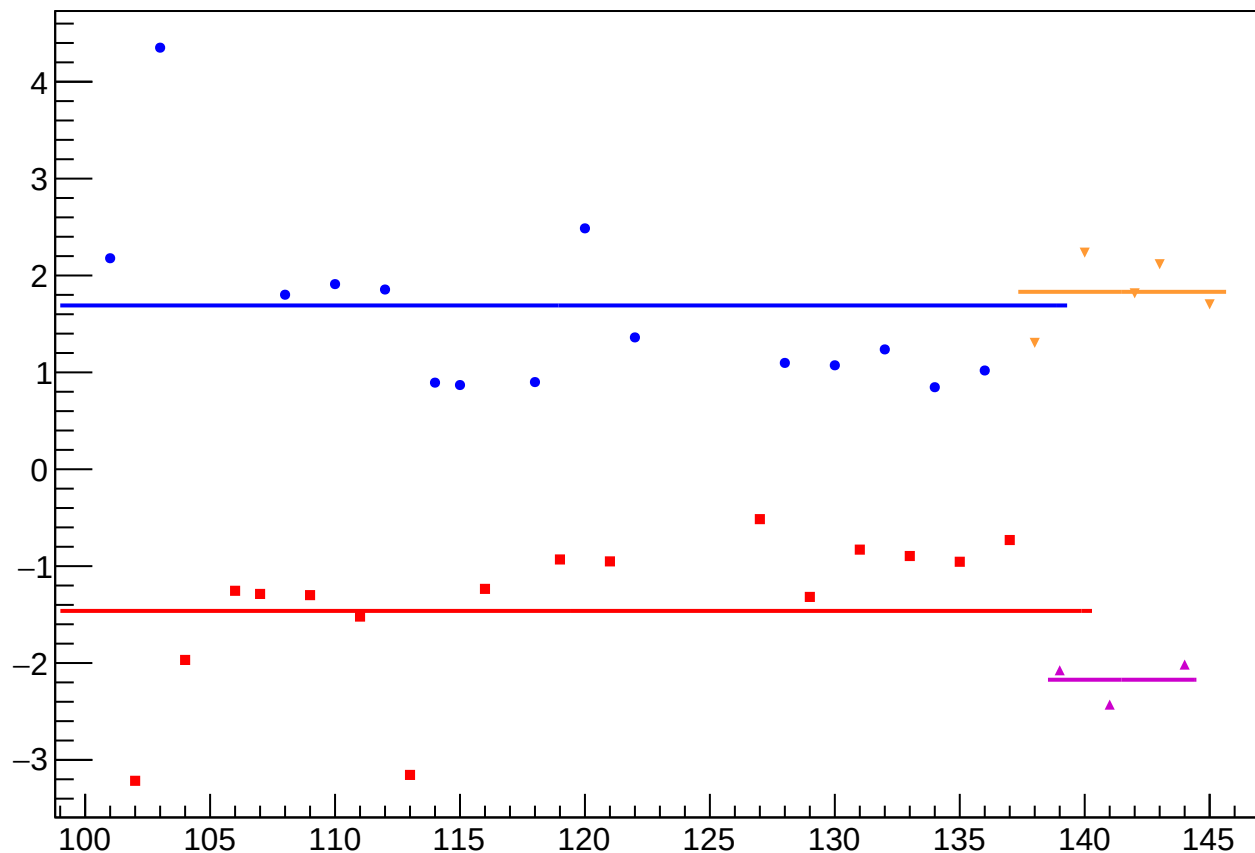
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left Out: 4.929+/-0.000 χ^2/NDF : 3355631139888984724972875997511680.0/4
 Right Out: -2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Left In: -6.068+/-0.000 χ^2/NDF : 1460819499912262471014535804223488.0/2

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



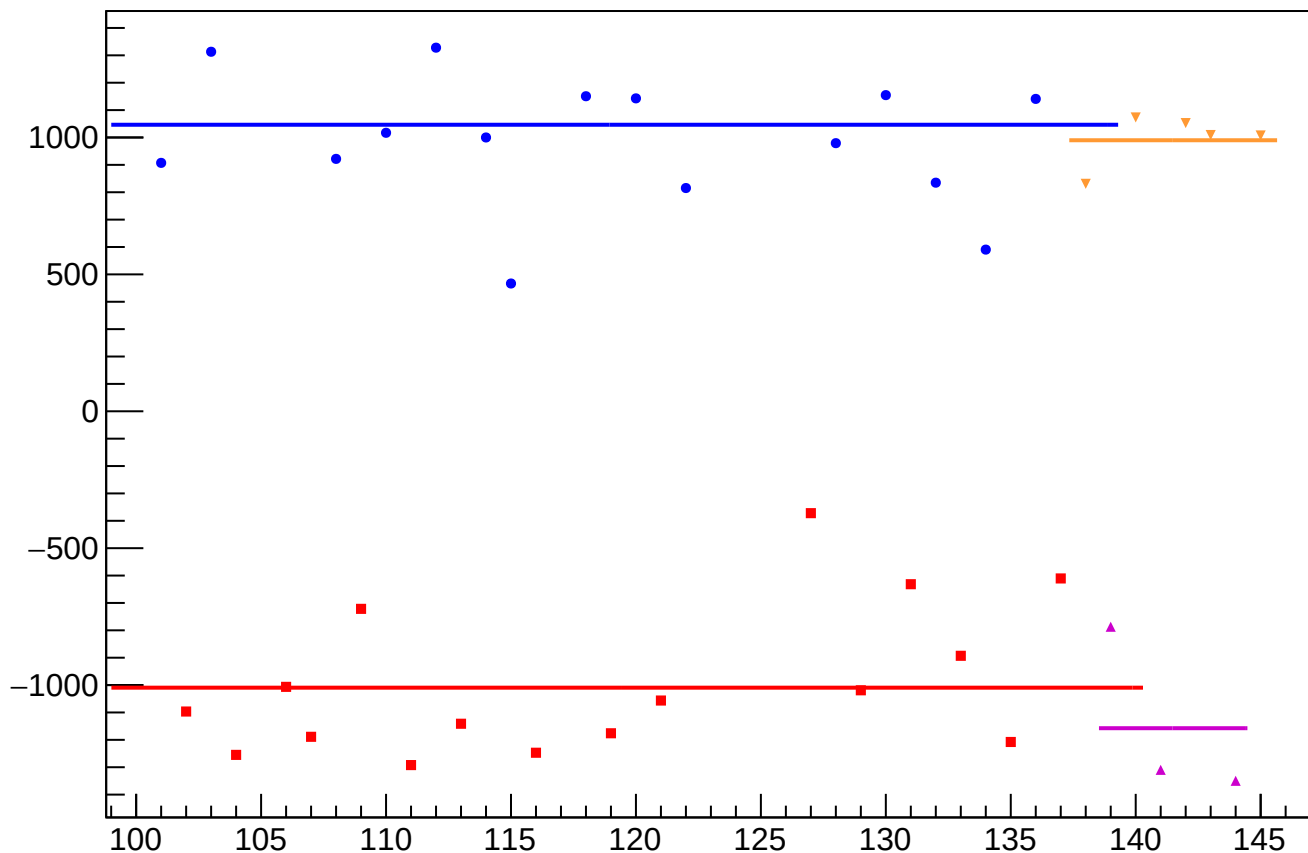
Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14

Left Out: 1.831+/-0.000 χ^2/NDF : 41852958329769433212607310856192.0/4

Right Out: -1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15

Left In: -2.172+/-0.000 χ^2/NDF : 8552953876585570562001671815168.0/2

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



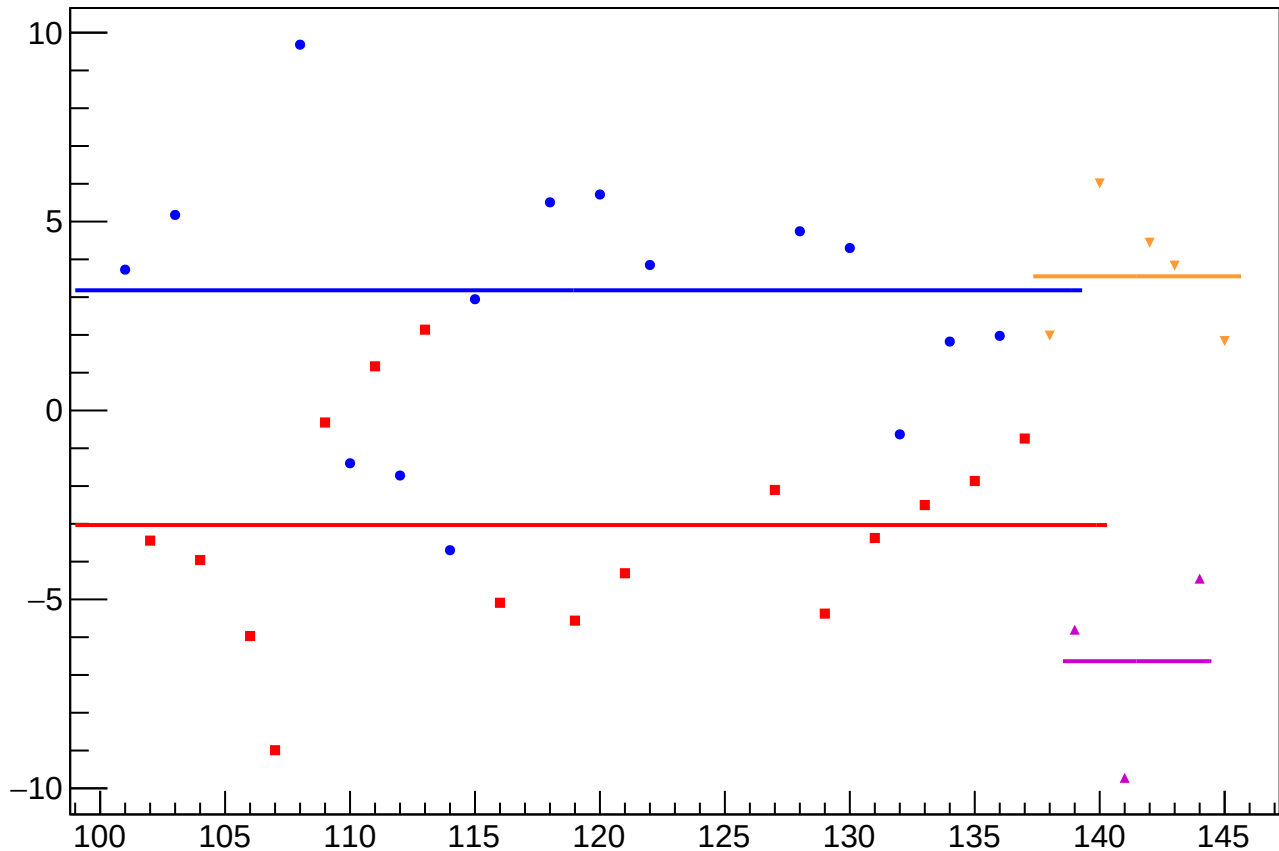
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

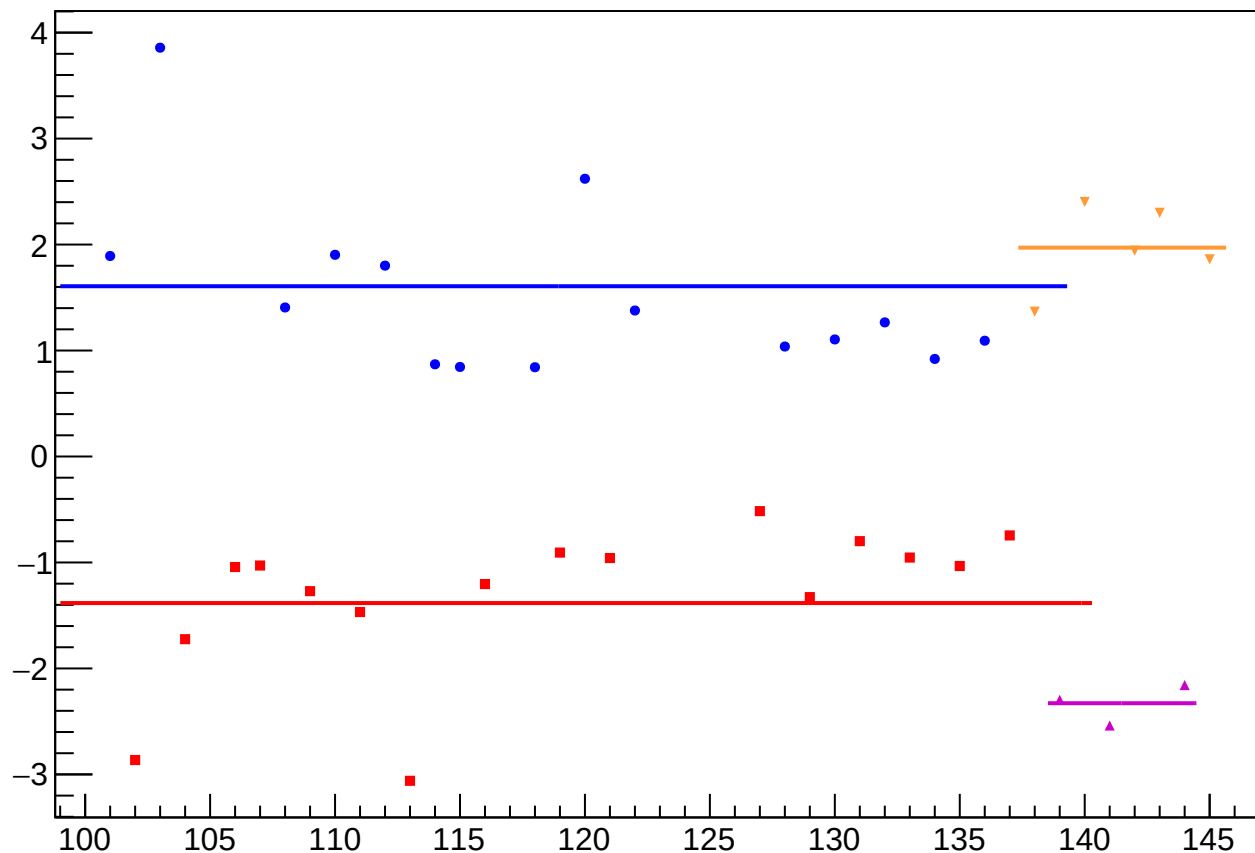
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 3.181+/-0.000 χ^2/NDF : 5833303227868252617704566394191872.0/14
 Left Out: 3.552+/-0.000 χ^2/NDF : 967155136948161724065041109483520.0/4
 Right Out: -3.032+/-0.000 χ^2/NDF : 4937209831371793945496546833334272.0/15
 Left In: -6.636+/-0.000 χ^2/NDF : 129138533272653536055501022609408.0/2

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



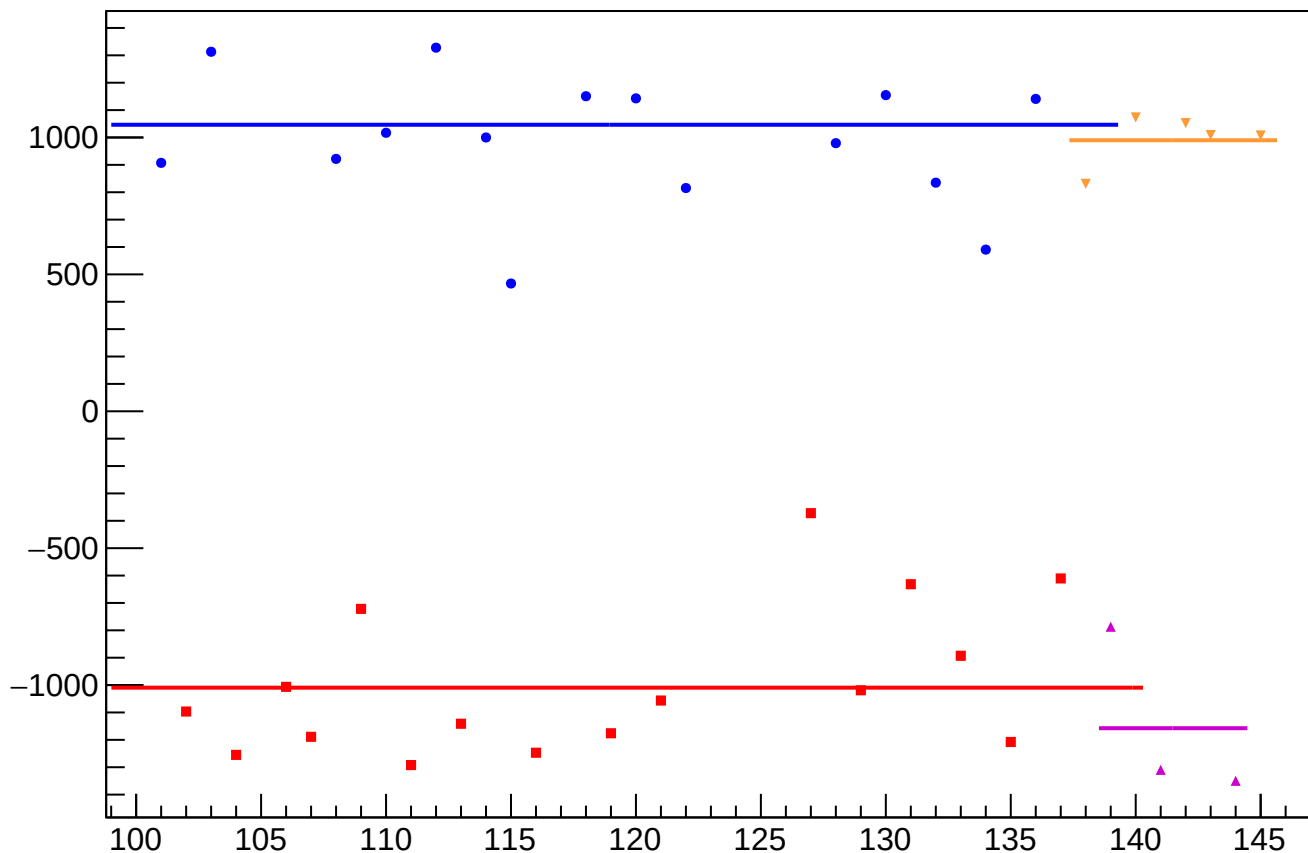
Right In: 1.607 +/- 0.000 χ^2/NDF : 460949628640148184181205735833600.0/14

Left Out: 1.971 +/- 0.000 χ^2/NDF : 51999349909358604966552638849024.0/4

Right Out: -1.383 +/- 0.000 χ^2/NDF : 358348897016286200957650337792000.0/15

Left In: -2.328 +/- 0.000 χ^2/NDF : 6461914311520642499750393806848.0/2

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



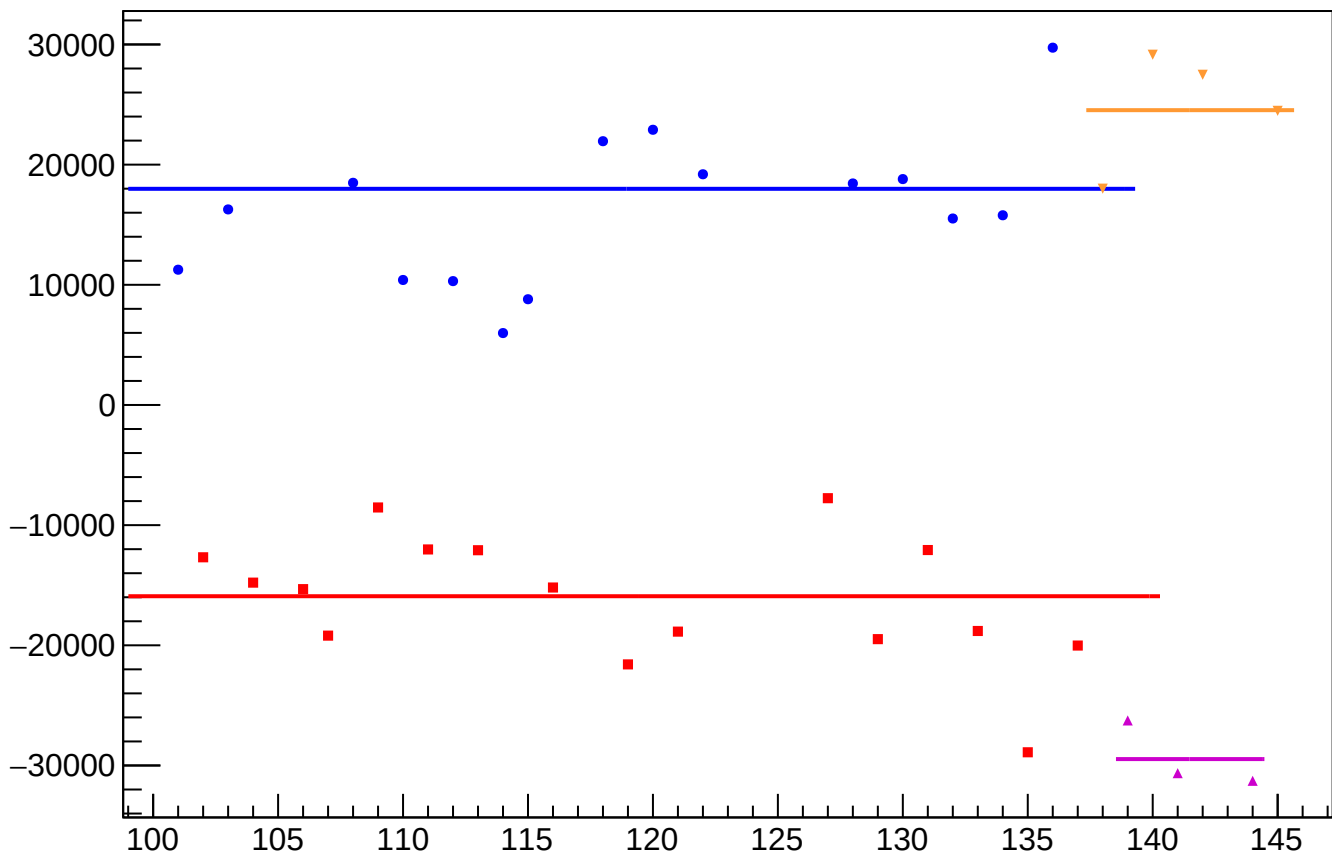
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

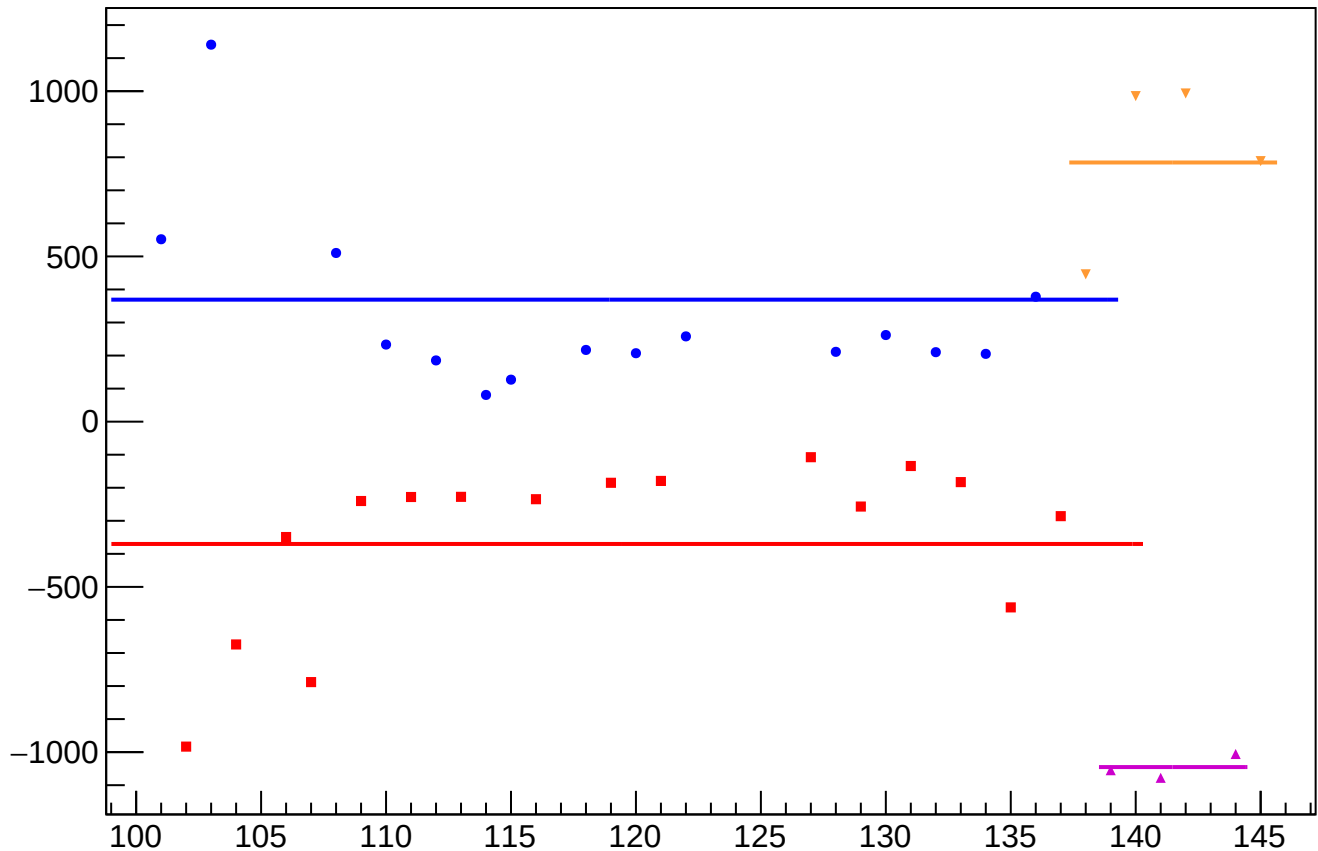
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 17988.185+/-0.000 χ^2/NDF : 24815111809984217103544001237552952508416.0/14
 Left Out: 24532.830+/-0.000 χ^2/NDF : 5474481703521511106664369162813037346816.0/3
 Right Out: -15915.227+/-0.000 χ^2/NDF : 19954189674705952707042287416087223992320.0/15
 Left In: -29467.381+/-0.000 χ^2/NDF : 1245023516567454816593882745054712299520.0/2

dit_usl_coil1_err_mean vs Slug, Sign Corrected



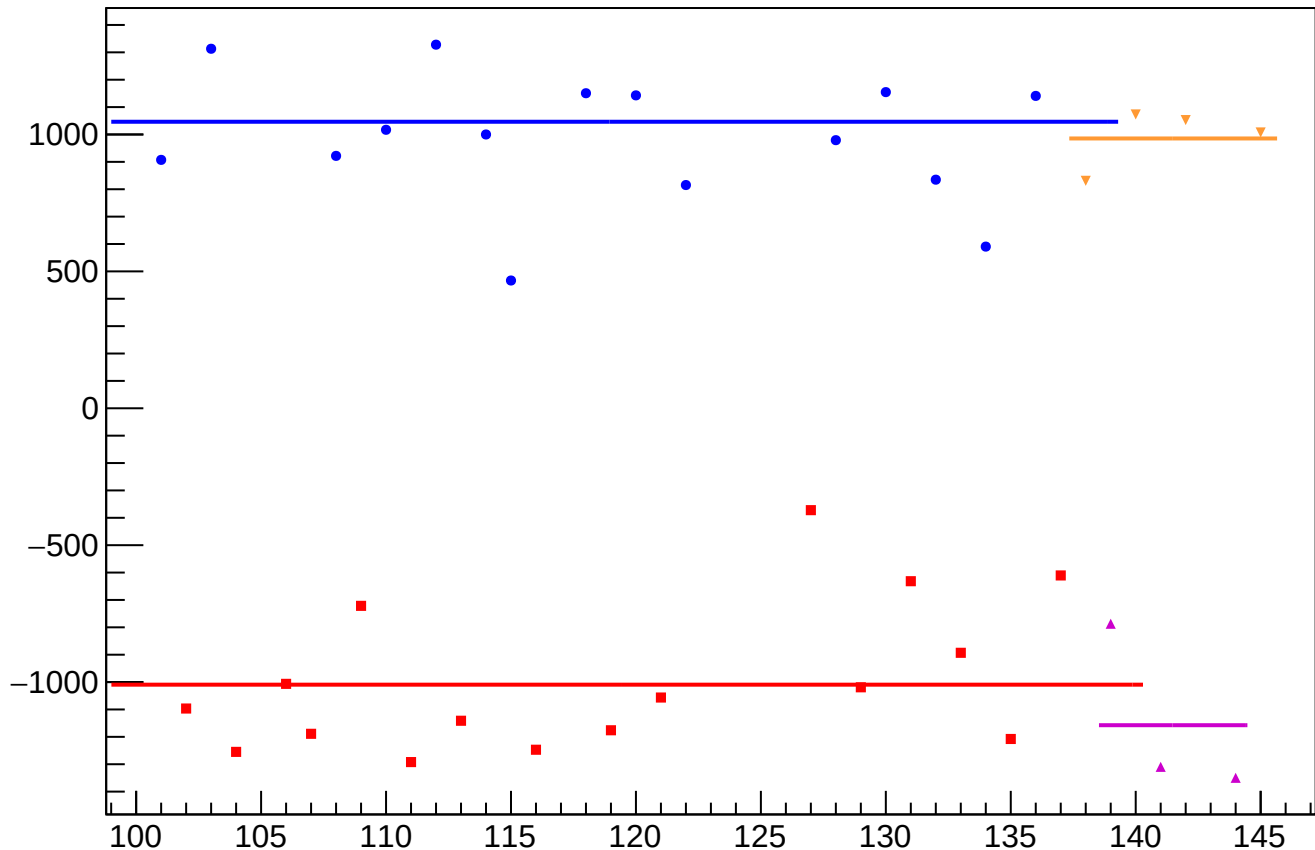
Right In: 369.169 +/- 0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

Left Out: 784.232 +/- 0.000 χ^2/NDF : 14246489951761549099144532565048688640.0/3

Right Out: -370.091 +/- 0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

Left In: -1045.188 +/- 0.000 χ^2/NDF : 236622559549139934902012002149859328.0/2

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



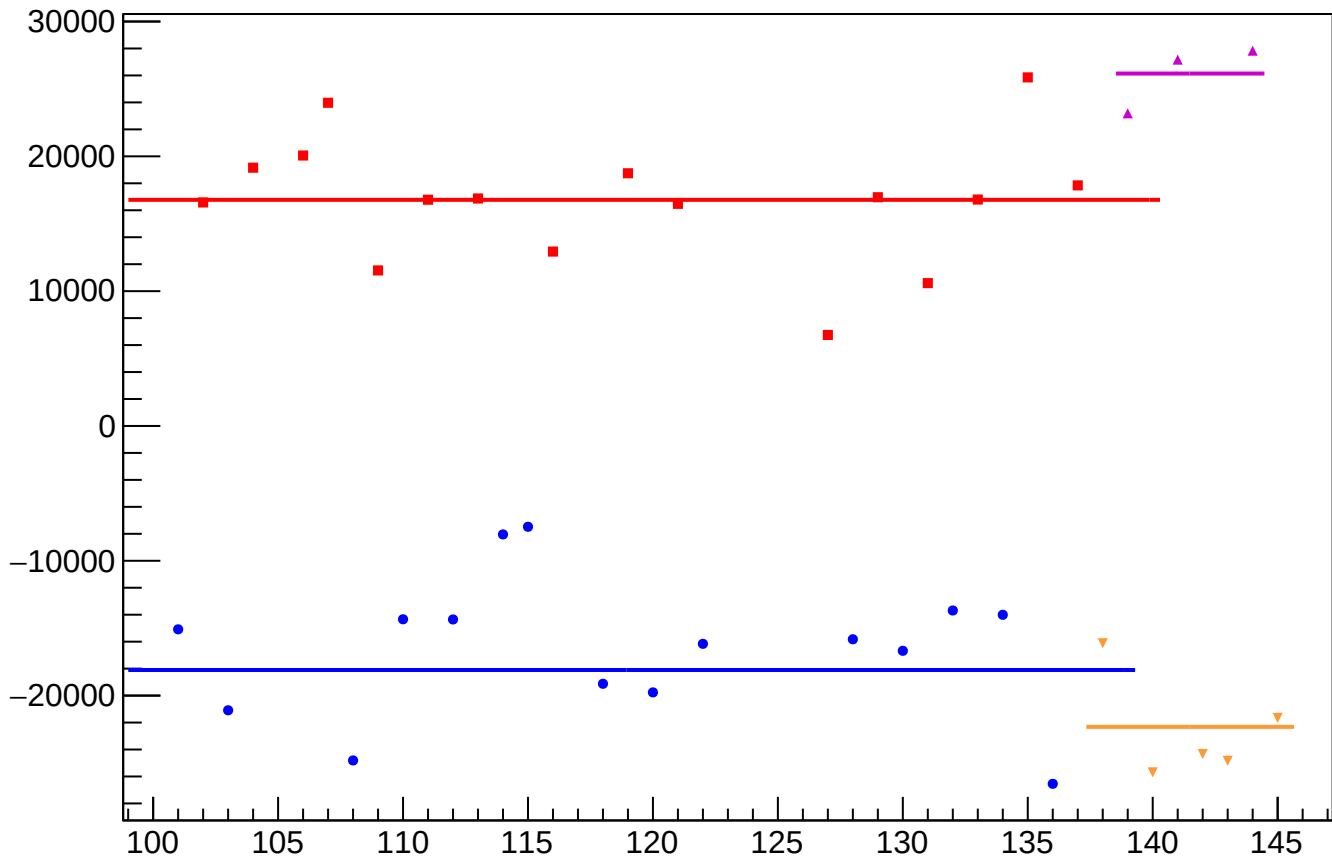
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 985.429+/-0.000 χ^2/NDF : 2743479969900970821890629375312789504.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

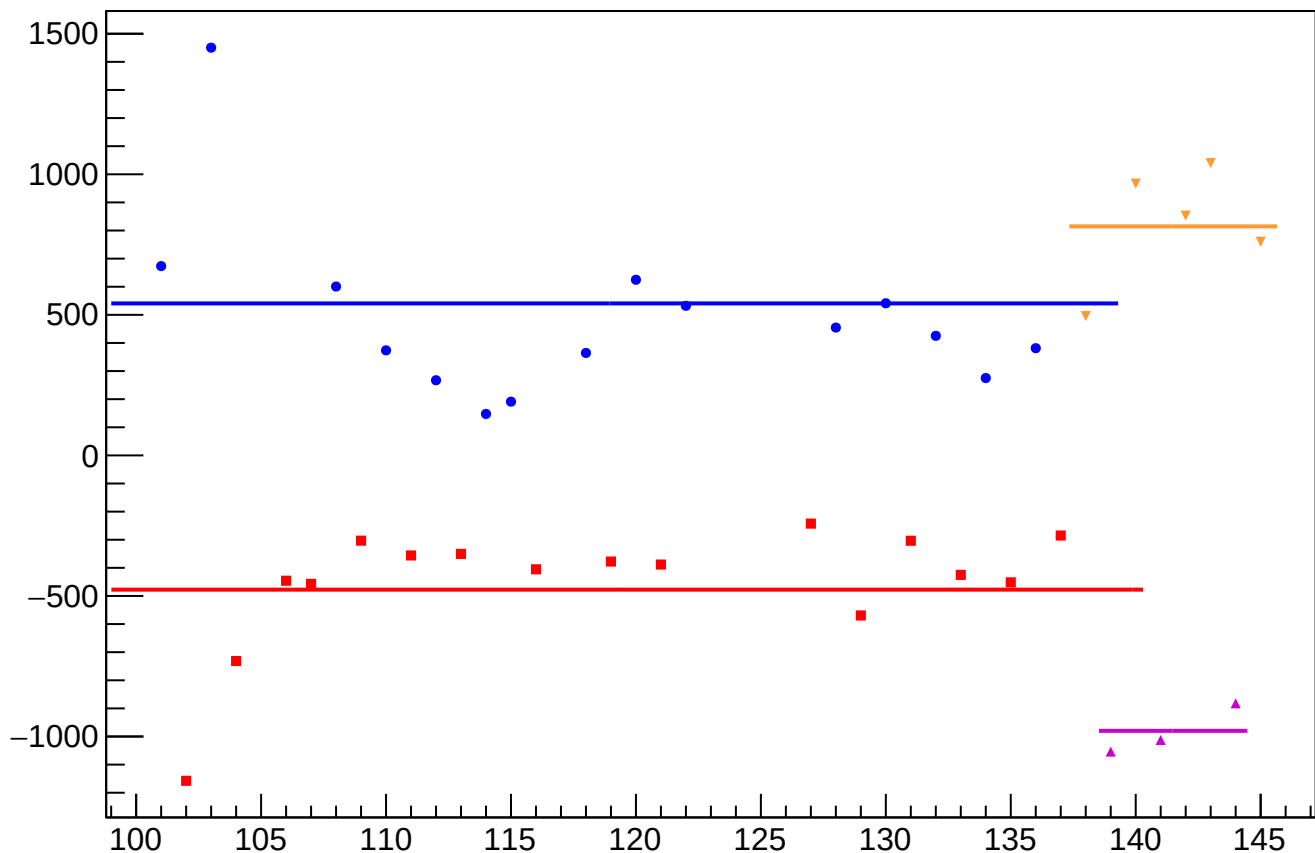
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -22320.232+/-0.000 χ^2/NDF : 4581051562203078094012190479028829814784.0/4
 Right Out: 16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: 26141.042+/-0.000 χ^2/NDF : 1051321681750423467129889898603198021632.0/2

dit_usr_coil1_err_mean vs Slug, Sign Corrected



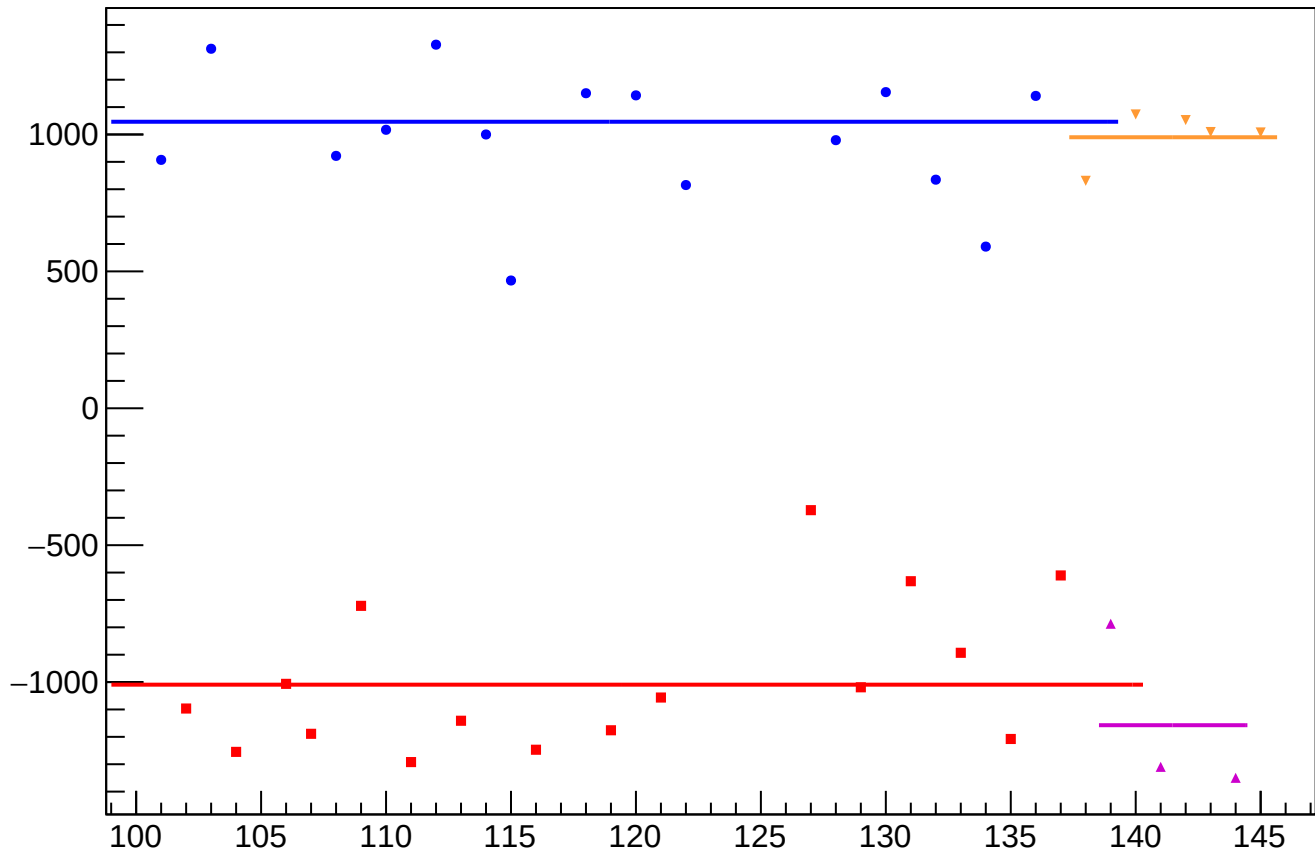
Right In: 540.663 $\pm$ 0.000 χ^2 /NDF: 64546819695986774721678785082975846400.0/14

Left Out: 814.673 $\pm$ 0.000 χ^2 /NDF: 13551943961564151595556920619379458048.0/4

Right Out: -477.546 $\pm$ 0.000 χ^2 /NDF: 38798306504296954461537116809760604160.0/15

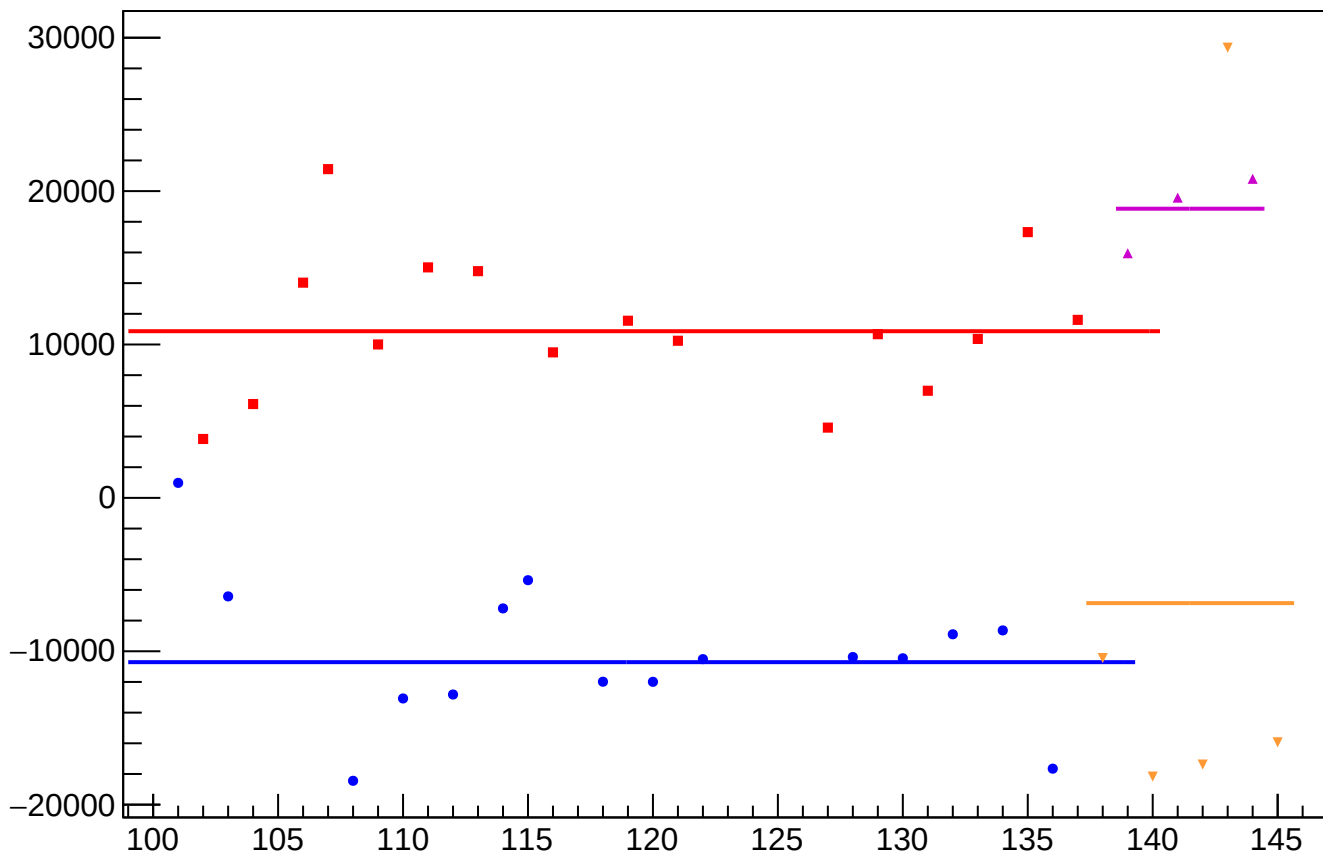
Left In: -979.840 $\pm$ 0.000 χ^2 /NDF: 1383477912944735309858754115015802880.0/2

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



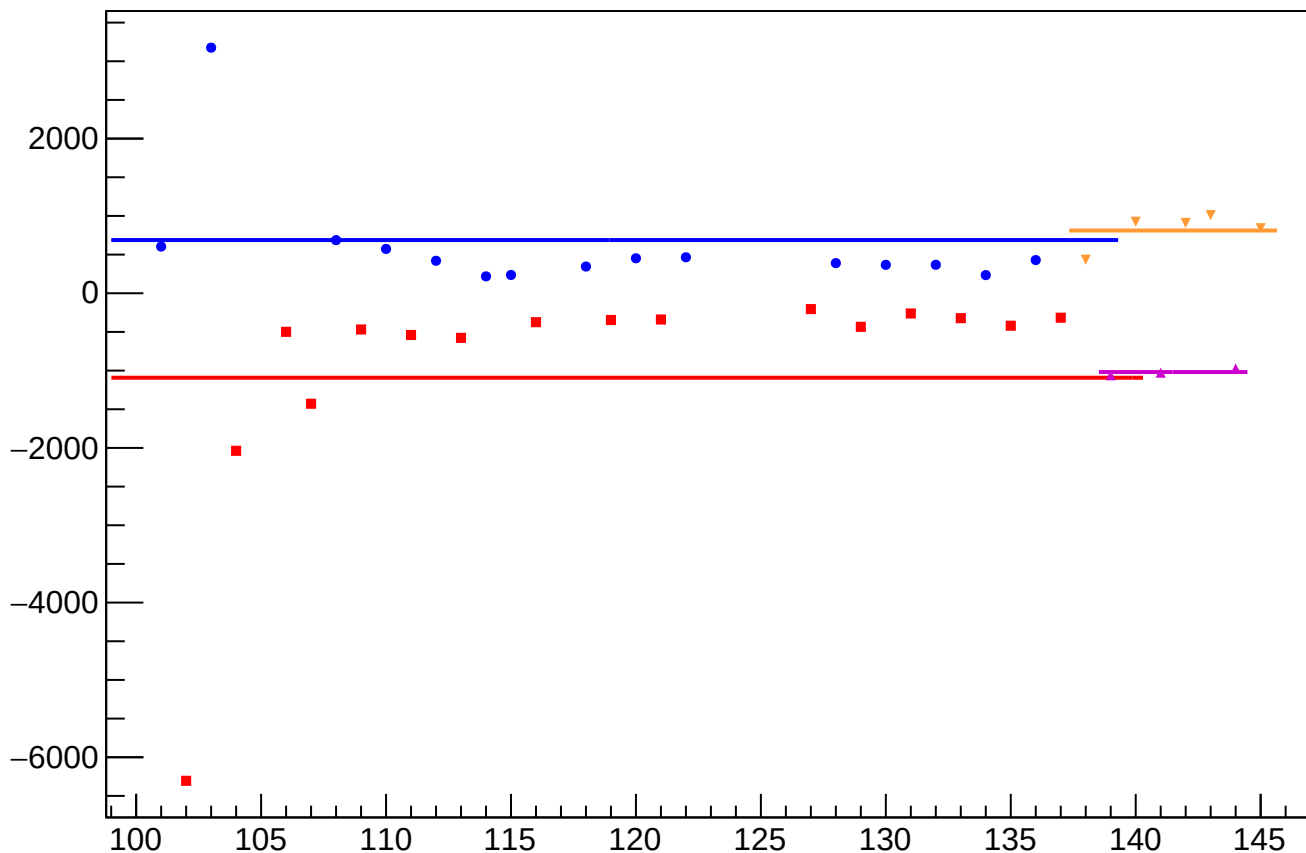
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292+/-0.000 χ^2/NDF : 16945226152053511840482618402250170564608.0/14
 Left Out: -6861.113+/-0.000 χ^2/NDF : 111120417912136100273240130124540509421568.0/4
 Right Out: 10866.264+/-0.000 χ^2/NDF : 14234762838858382484525901644131626647552.0/15
 Left In: 18852.739+/-0.000 χ^2/NDF : 1065132879651684570838491681269619884032.0/2

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



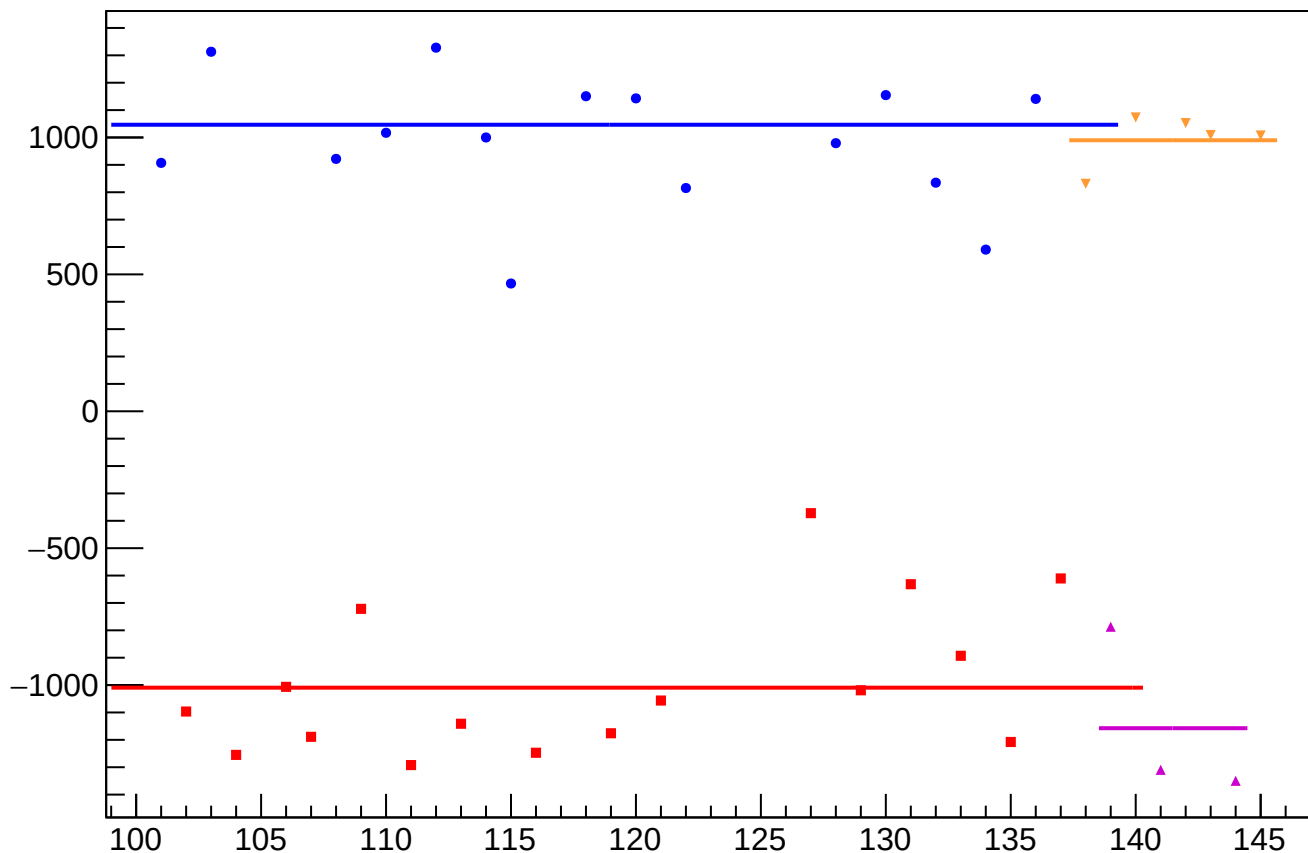
Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

Left Out: 811.464+/-0.000 χ^2/NDF : 15307708749786051090371907444570849280.0/4

Right Out: -1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

Left In: -1018.786+/-0.000 χ^2/NDF : 334822537759698136181227612115304448.0/2

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



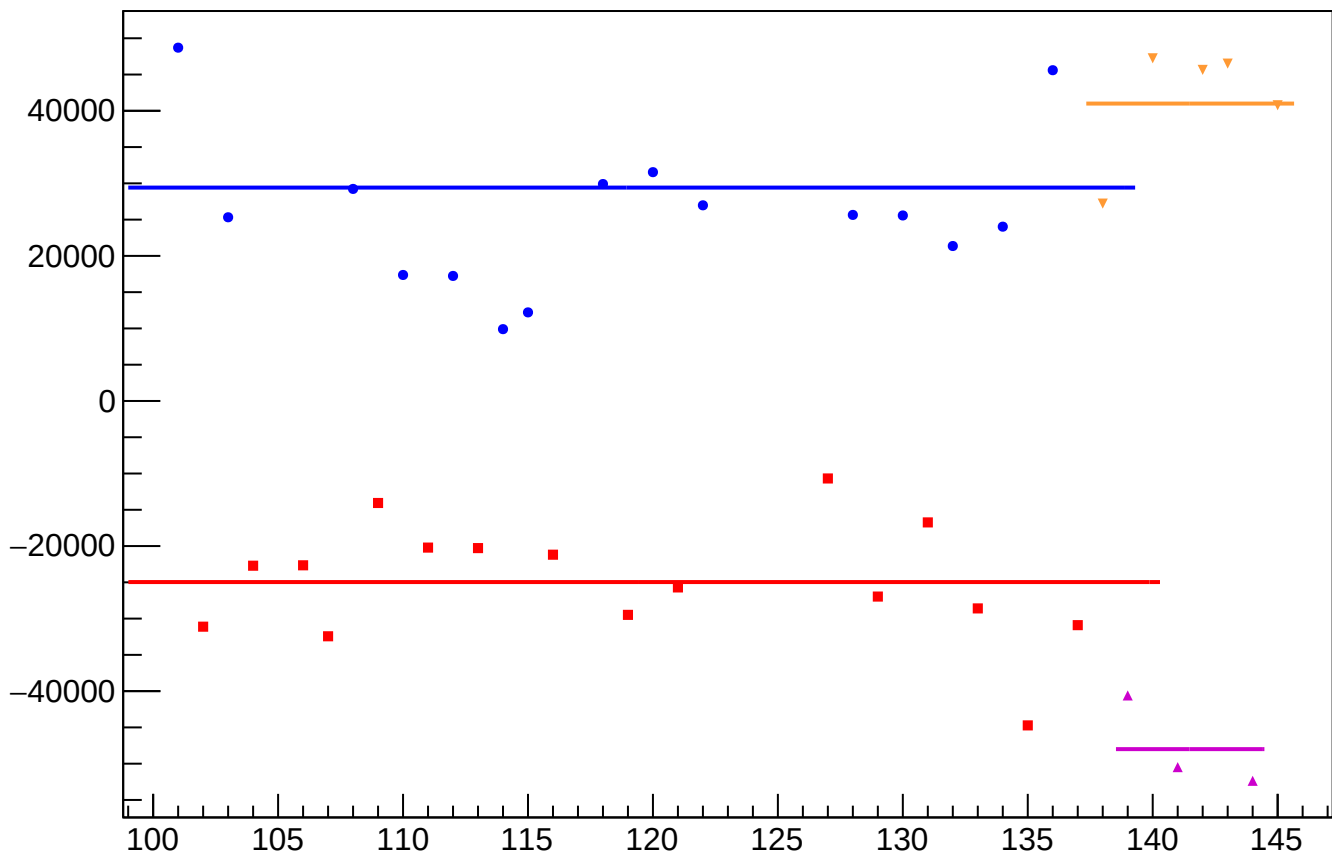
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

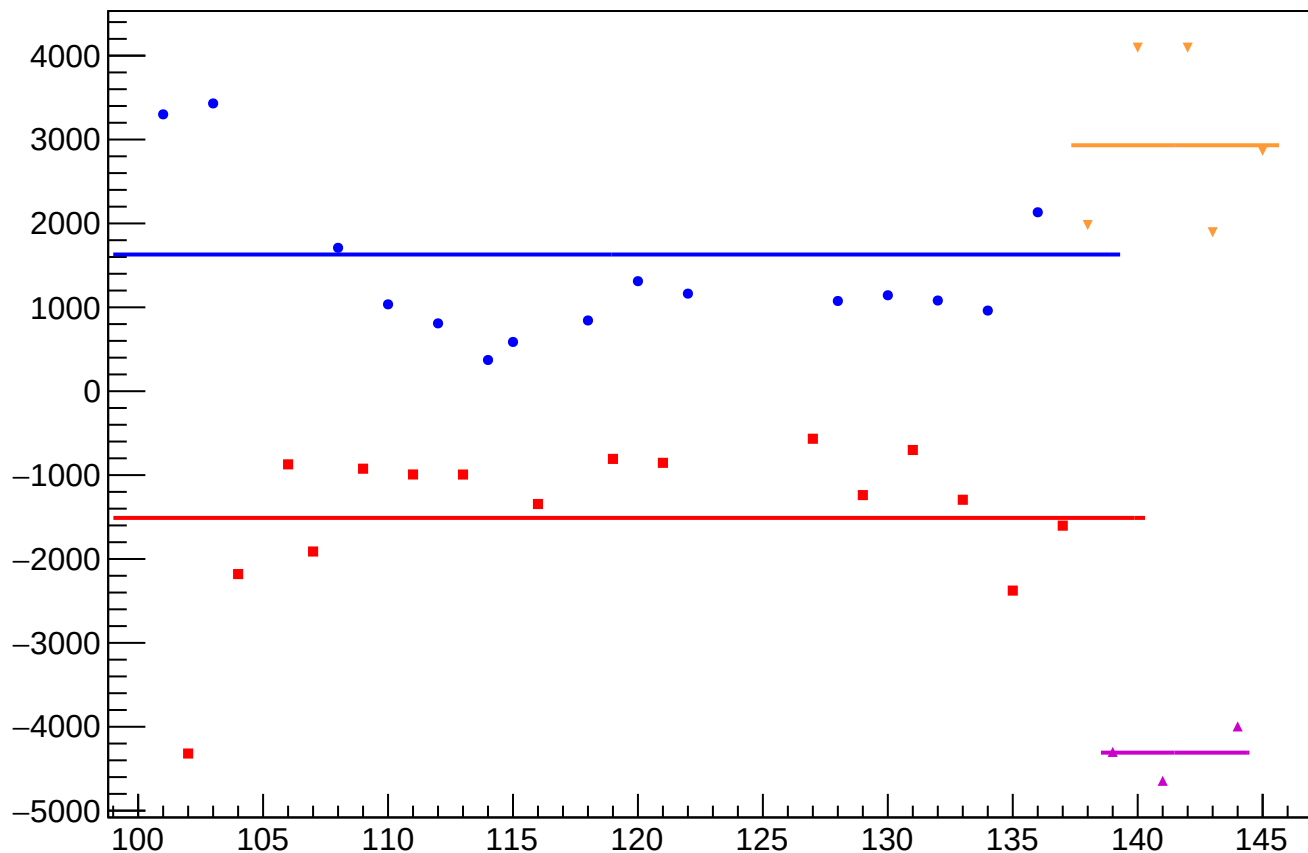
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 29415.830 +/- 0.000 χ^2/NDF : 71764989638928082906774979753894809174016.0/14
 Left Out: 40997.615 +/- 0.000 χ^2/NDF : 21051774308130561215882193968620191612928.0/4
 Right Out: -24963.010 +/- 0.000 χ^2/NDF : 45631572920122171972835961685494315614208.0/15
 Left In: -47994.318 +/- 0.000 χ^2/NDF : 6655834418531099913147687935756289966080.0/2

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



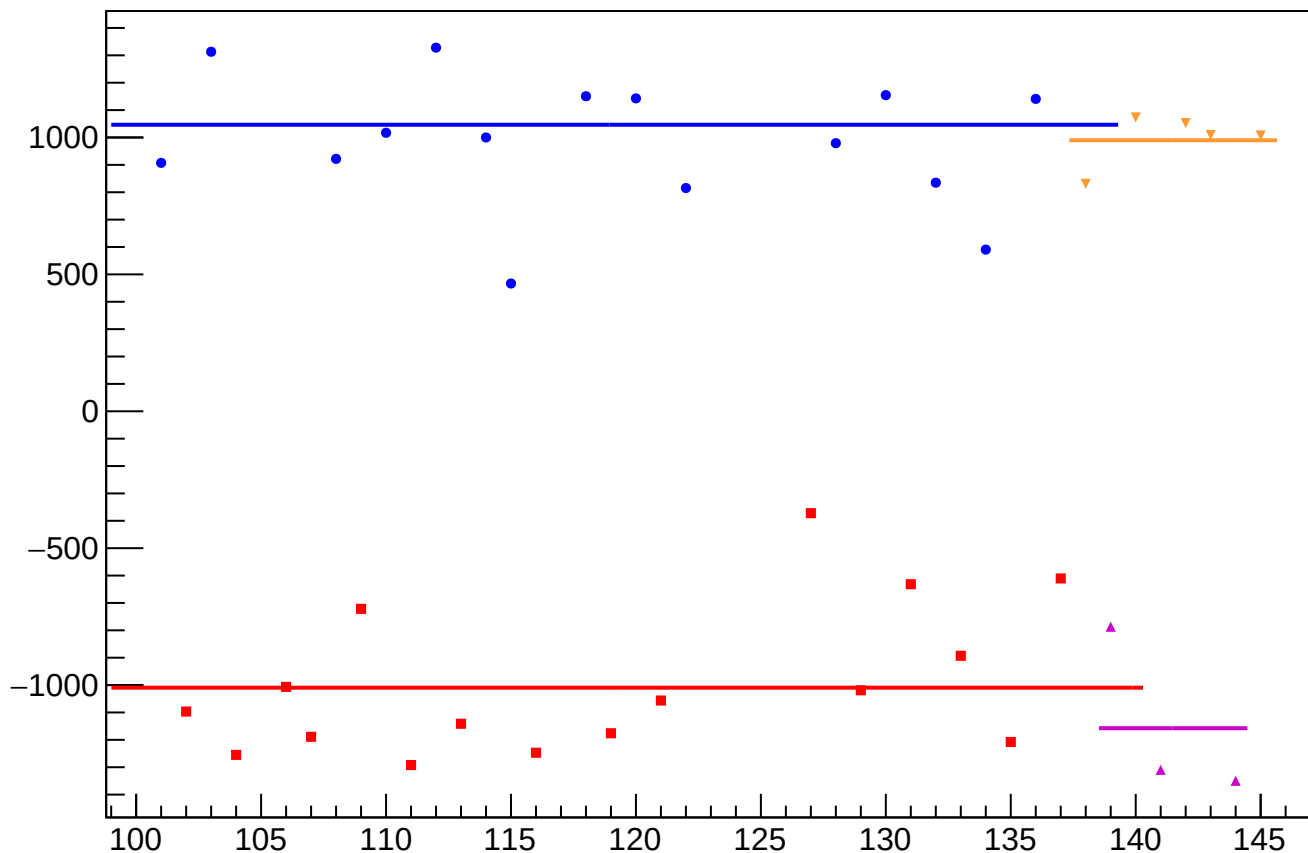
Right In: 1629.542 +/- 0.000 χ^2/NDF : 551738555355028902194697896437152219136.0/14

Left Out: 2931.732 +/- 0.000 χ^2/NDF : 316113914511851351108567313800608350208.0/4

Right Out: -1510.293 +/- 0.000 χ^2/NDF : 688231904046816211321774524619745656832.0/15

Left In: -4308.350 +/- 0.000 χ^2/NDF : 18286644433002916143078323918047543296.0/2

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



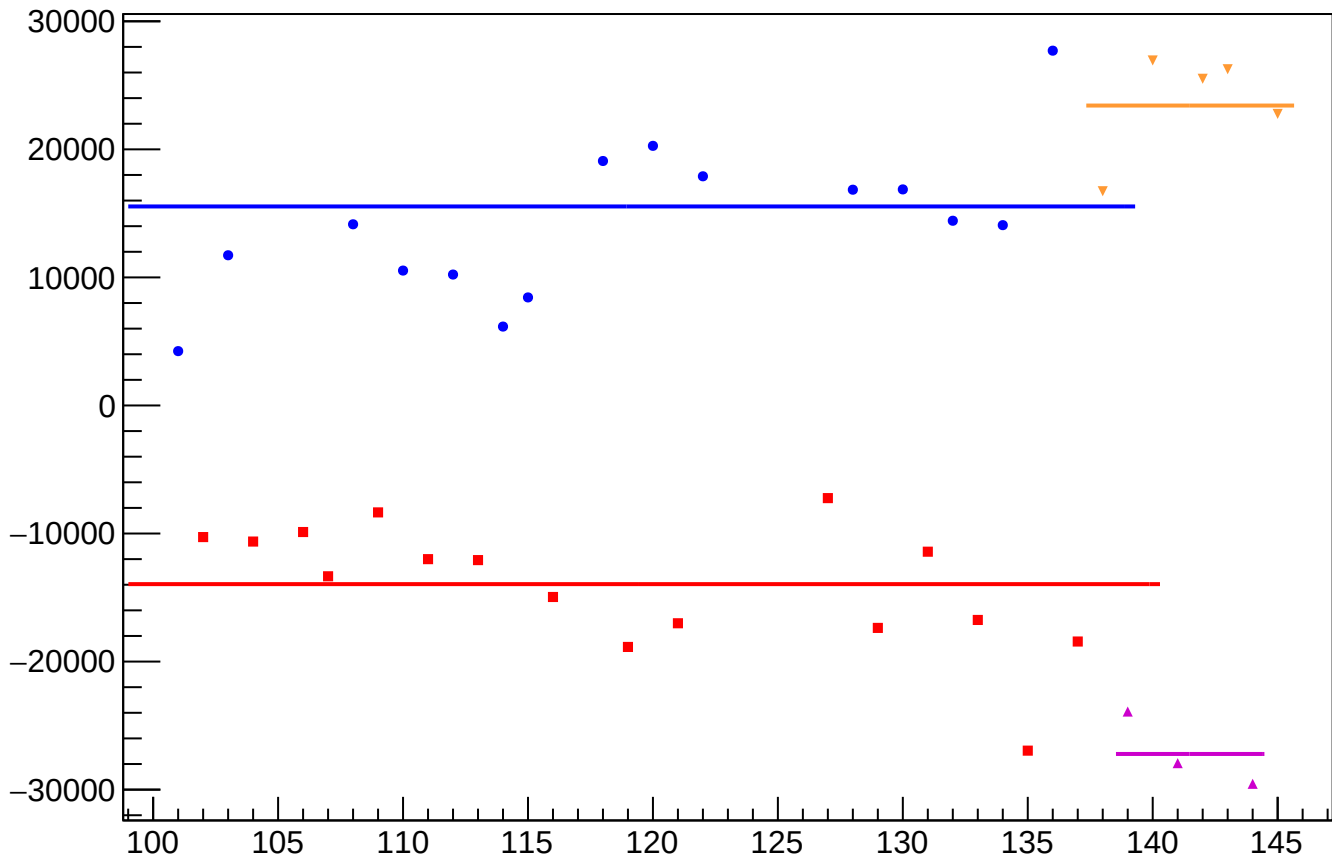
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

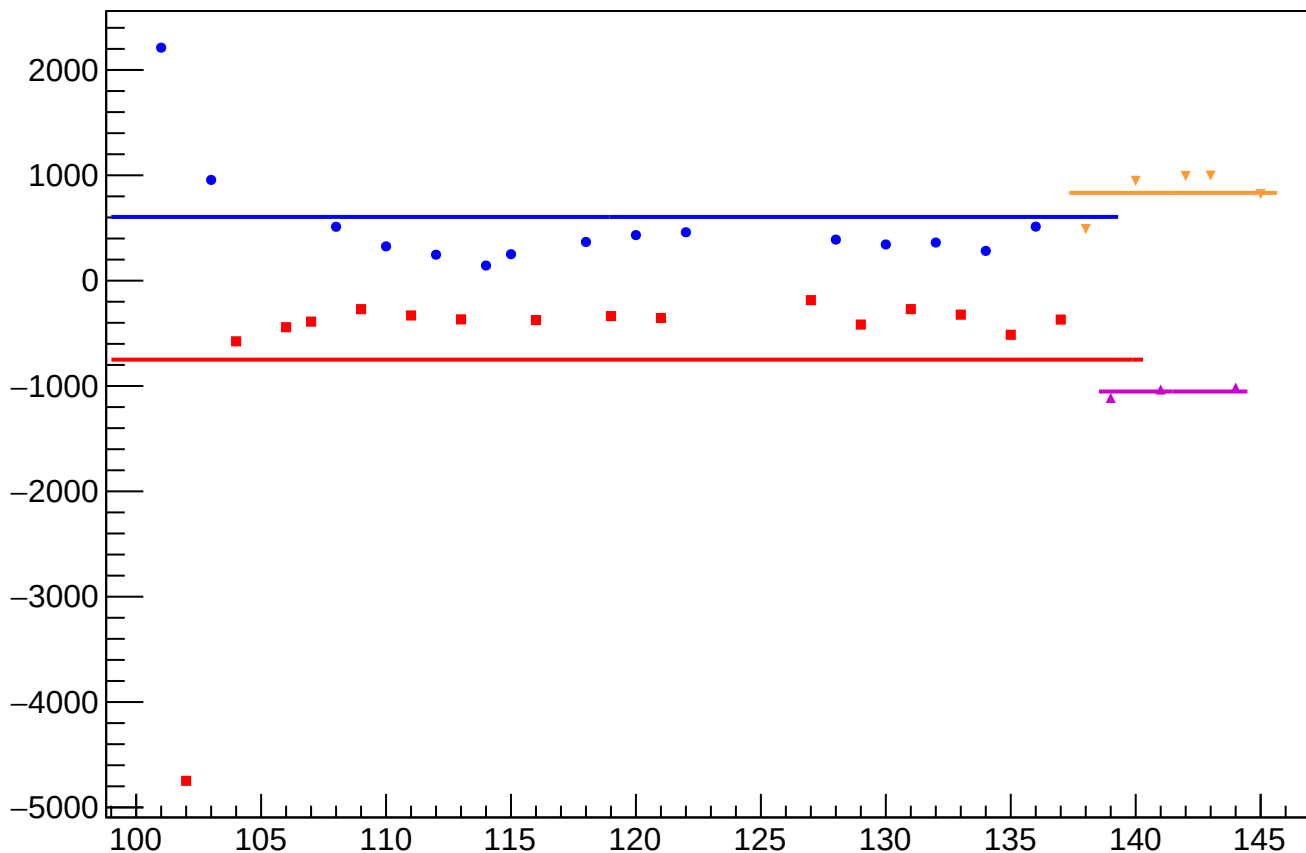
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787 +/- 0.000 χ^2/NDF : 27383635886523601832377795383509714468864.0/14
 Left Out: 23420.558 +/- 0.000 χ^2/NDF : 5283893478540811925236921730151126925312.0/4
 Right Out: -13951.799 +/- 0.000 χ^2/NDF : 16954071035739584664612813430748100952064.0/15
 Left In: -27214.548 +/- 0.000 χ^2/NDF : 1415581609744082944937911521834040295424.0/2

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



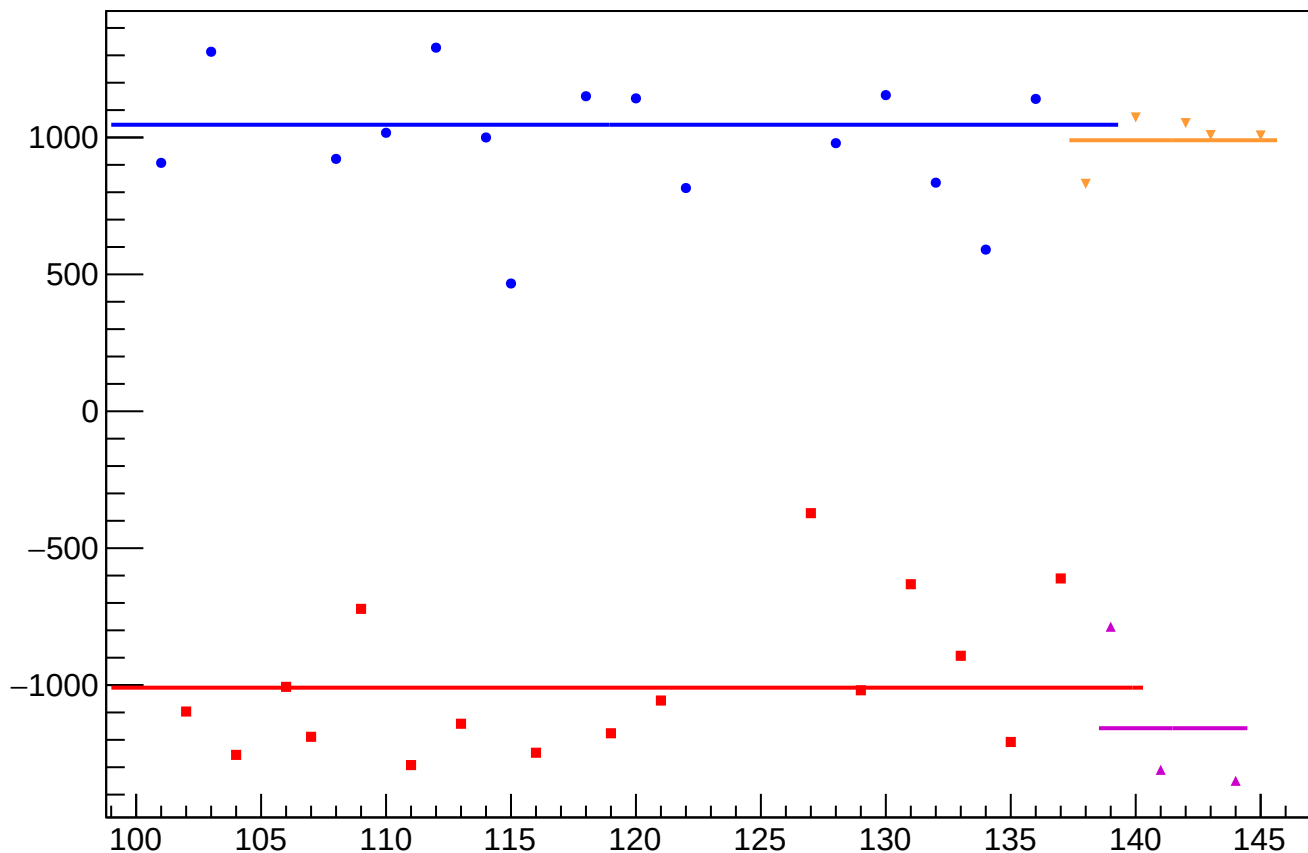
Right In: 605.034 +/- 0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 833.178 +/- 0.000 χ^2/NDF : 13252712108073452327400504297303048192.0/4

Right Out: -749.582 +/- 0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

Left In: -1052.268 +/- 0.000 χ^2/NDF : 463732471152790855193091093129330688.0/2

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



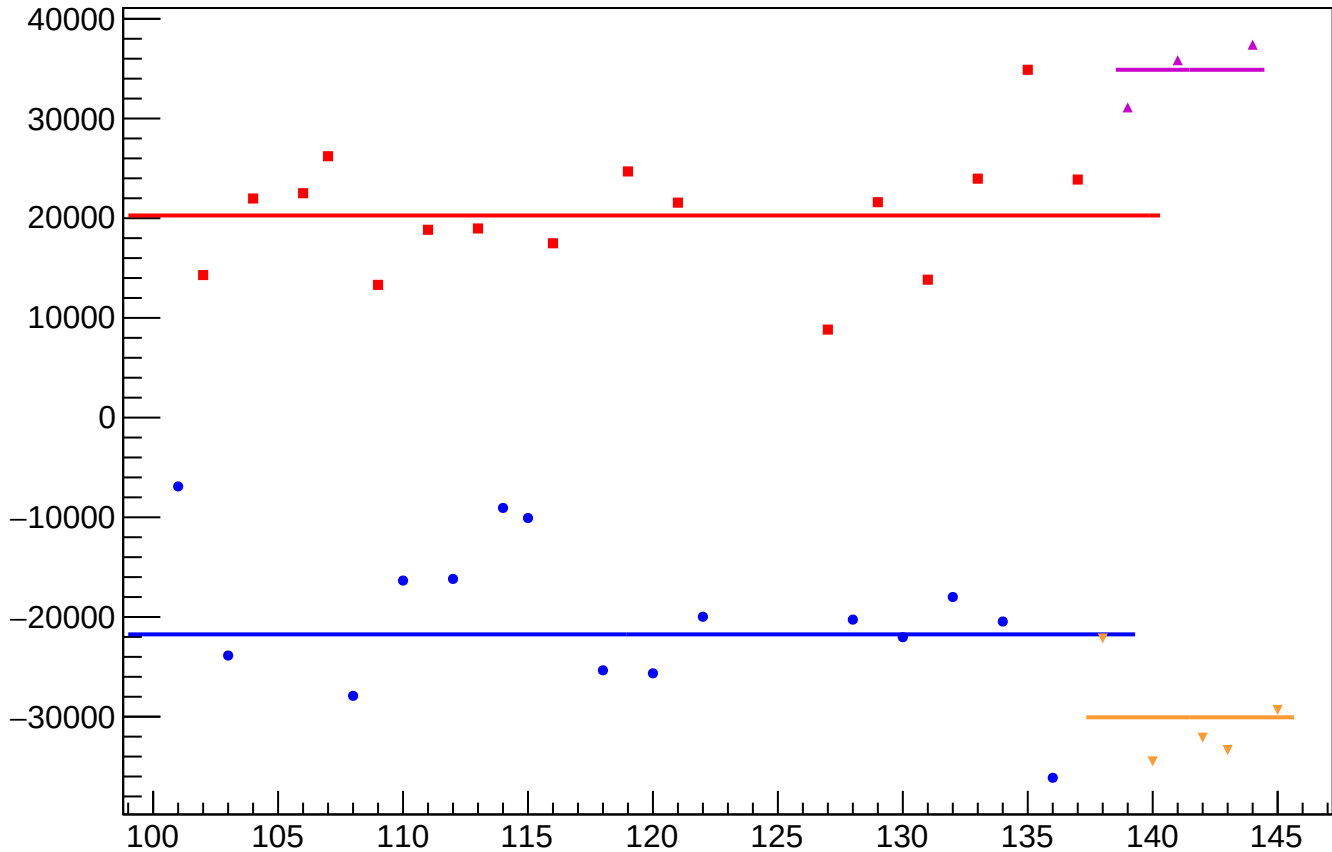
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

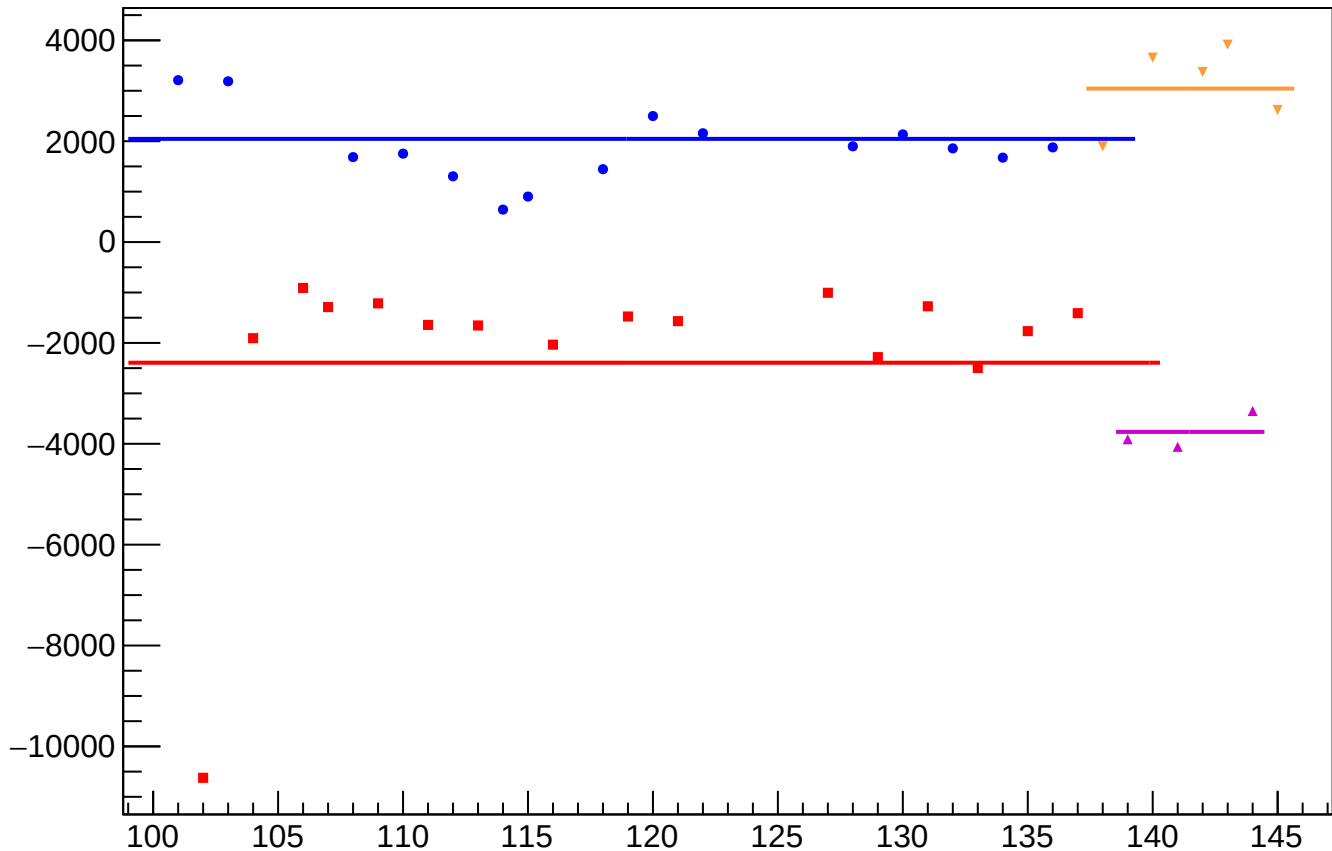
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_atr2_coil1_mean vs Slug, Sign Corrected



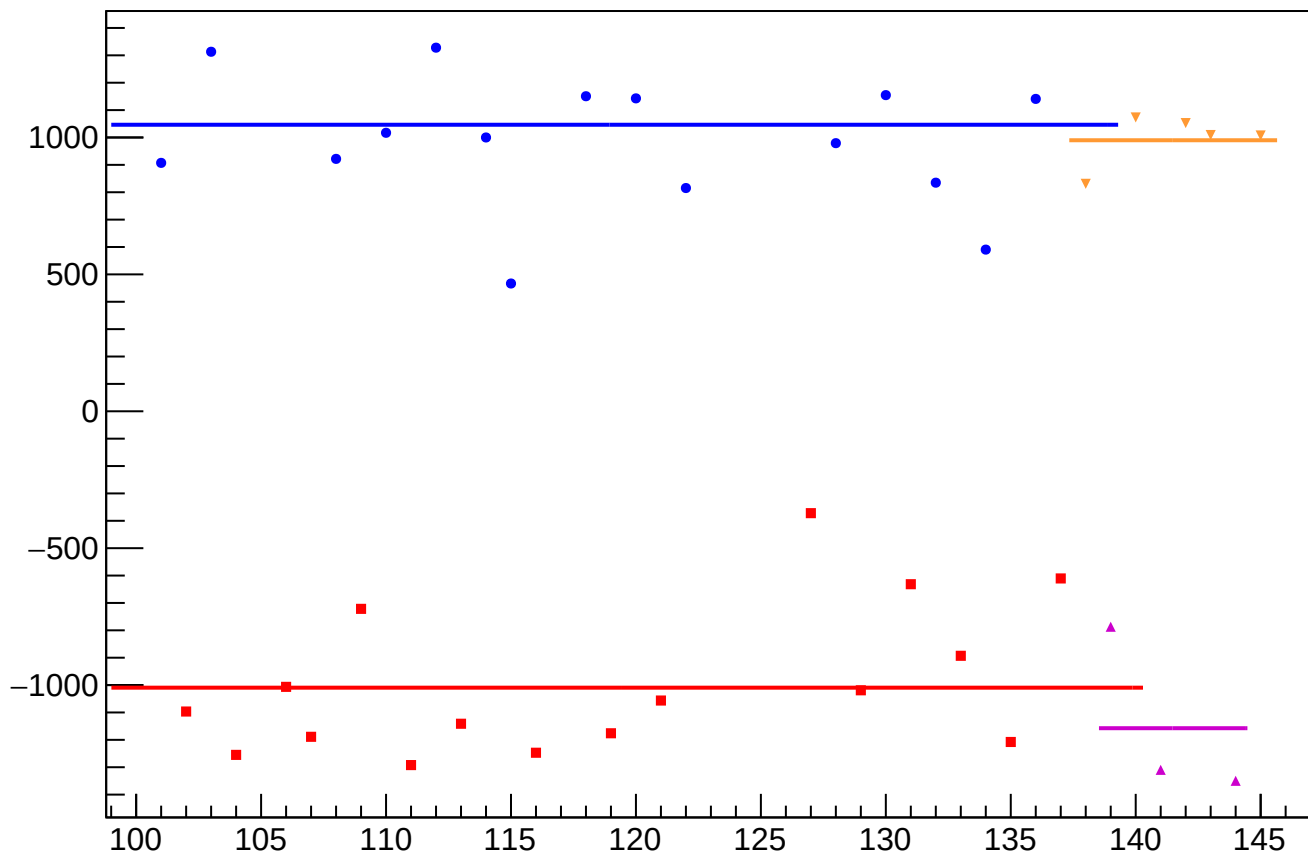
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -30062.531+/-0.000 χ^2/NDF : 7446354978939666709366561749754001227776.0/4
 Right Out: 20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: 34888.940+/-0.000 χ^2/NDF : 1794297976607311441640009436121891078144.0/2

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 2046.354 +/- 0.000 χ^2/NDF : 266555515927348892036833058355226345472.0/14
 Left Out: 3043.761 +/- 0.000 χ^2/NDF : 203623092604067051135196653967649013760.0/4
 Right Out: -2391.939 +/- 0.000 χ^2/NDF : 4415294964789778815259357544579499819008.0/15
 Left In: -3763.798 +/- 0.000 χ^2/NDF : 24420132551139369094874038093473644544.0/2

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



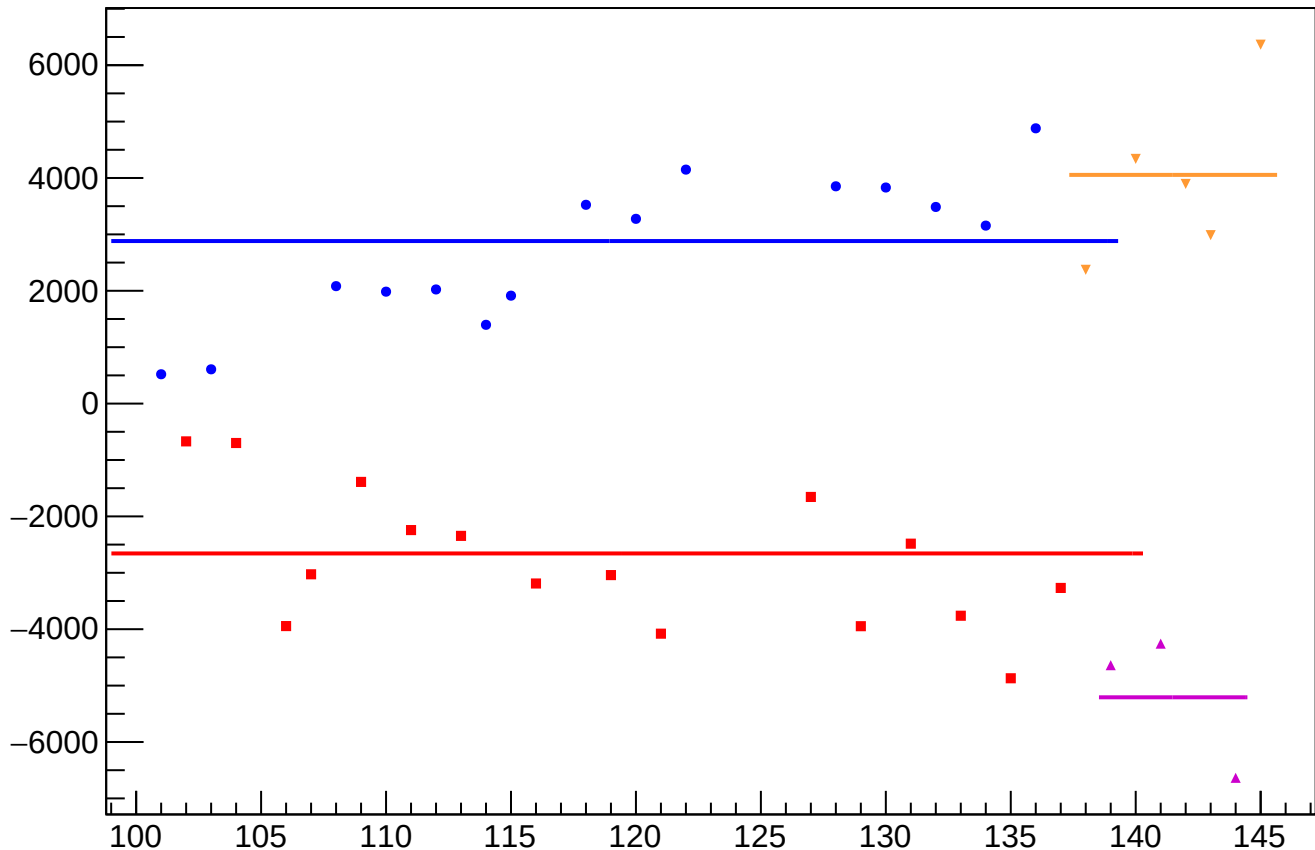
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

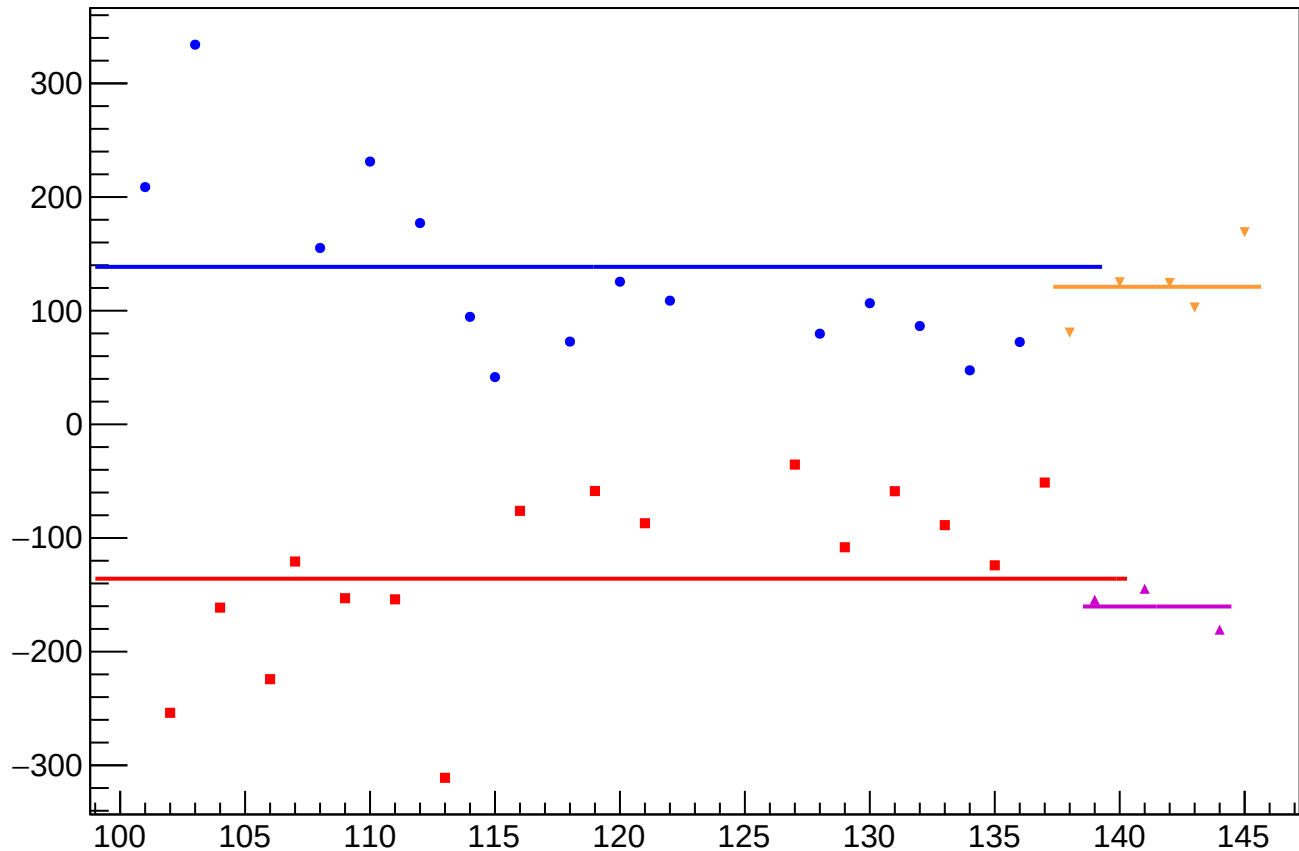
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 2881.935 $\pm$ 0.000 χ^2 /NDF: 1320319391496525533692082365878834823168.0/14
 Left Out: 4054.918 $\pm$ 0.000 χ^2 /NDF: 736992430756024888094412788897023000576.0/4
 Right Out: -2656.918 $\pm$ 0.000 χ^2 /NDF: 1077696846216053561130716877125509447680.0/15
 Left In: -5207.548 $\pm$ 0.000 χ^2 /NDF: 284508731308415021027950402278409633792.0/2

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



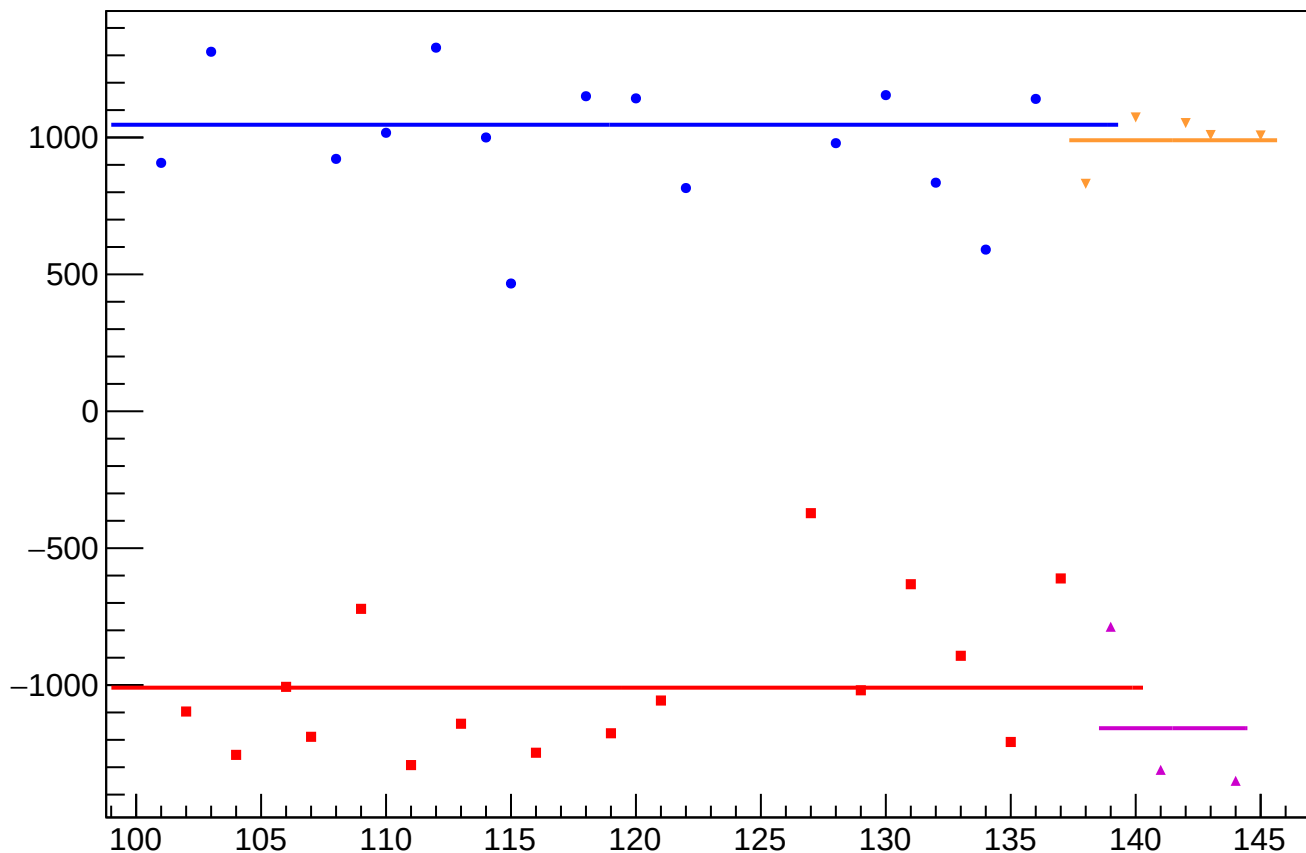
Right In: 138.577 +/- 0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14

Left Out: 121.044 +/- 0.000 χ^2/NDF : 337902121167839665527335124138459136.0/4

Right Out: -135.809 +/- 0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15

Left In: -160.275 +/- 0.000 χ^2/NDF : 60519858904075706054355535437758464.0/2

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



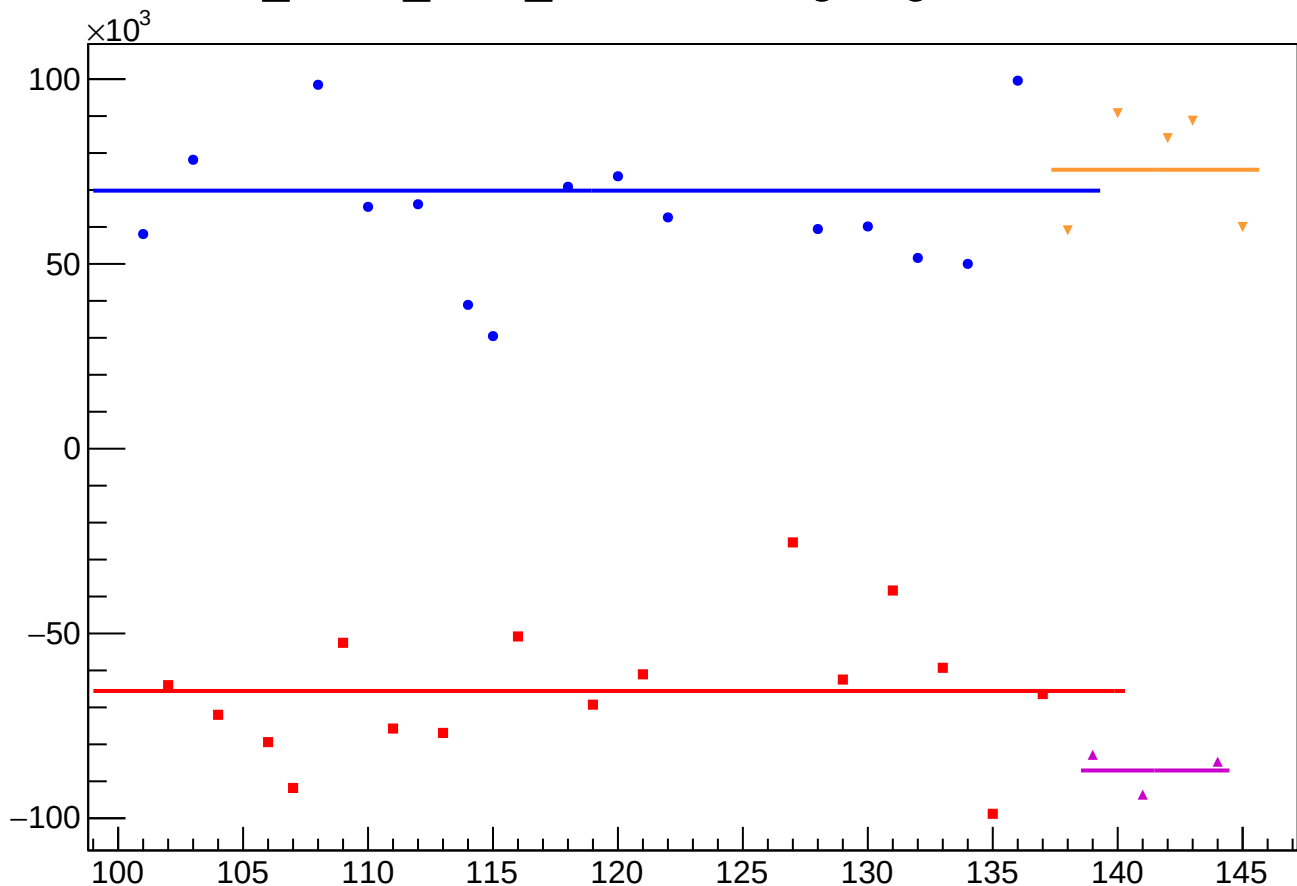
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

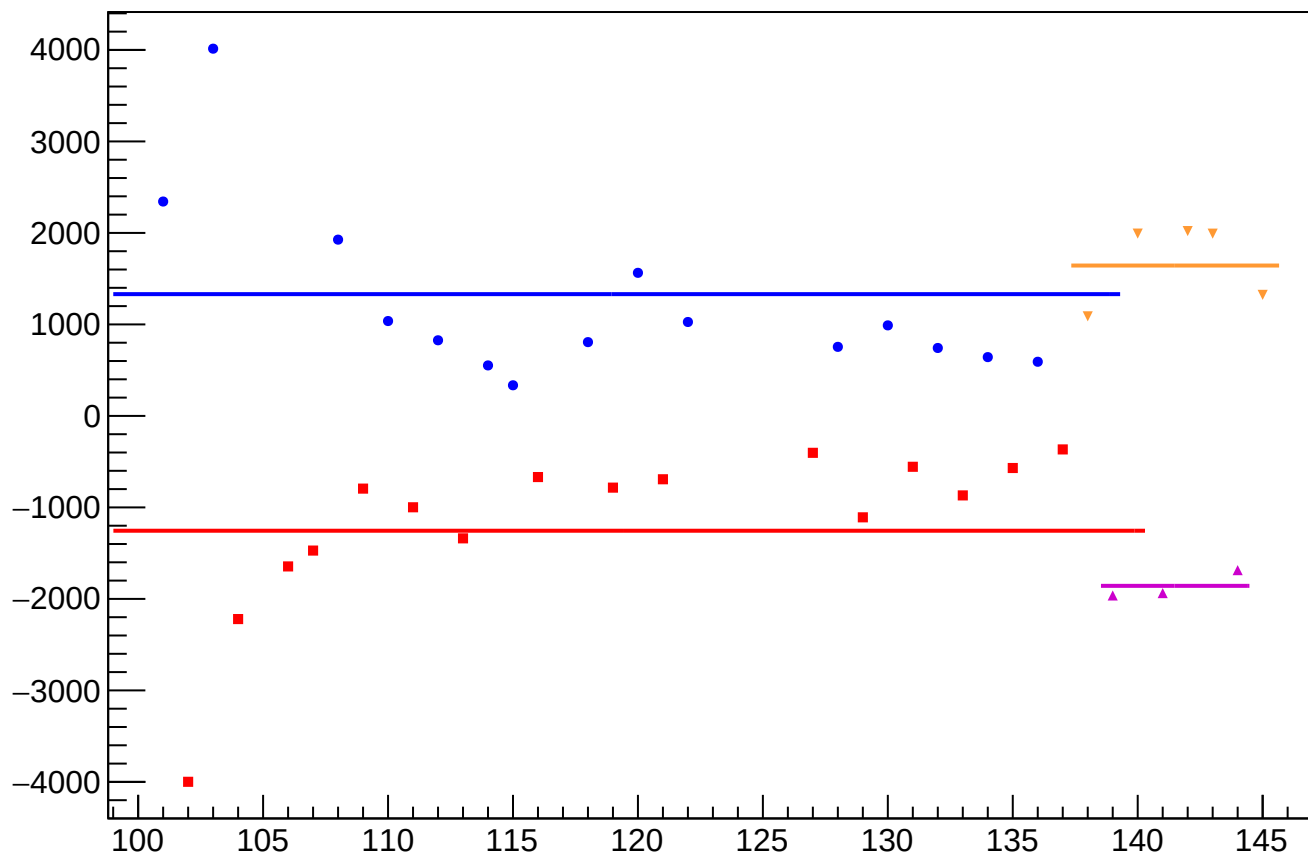
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 69827.797 $\pm$ 0.000	χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
Left Out: 75482.719 $\pm$ 0.000	χ^2 /NDF: 74738435901801229076318161089877231271936.0/4
Right Out: -65555.147 $\pm$ 0.000	χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
Left In: -87069.413 $\pm$ 0.000	χ^2 /NDF: 5587486066089386984440336610668761317376.0/2

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



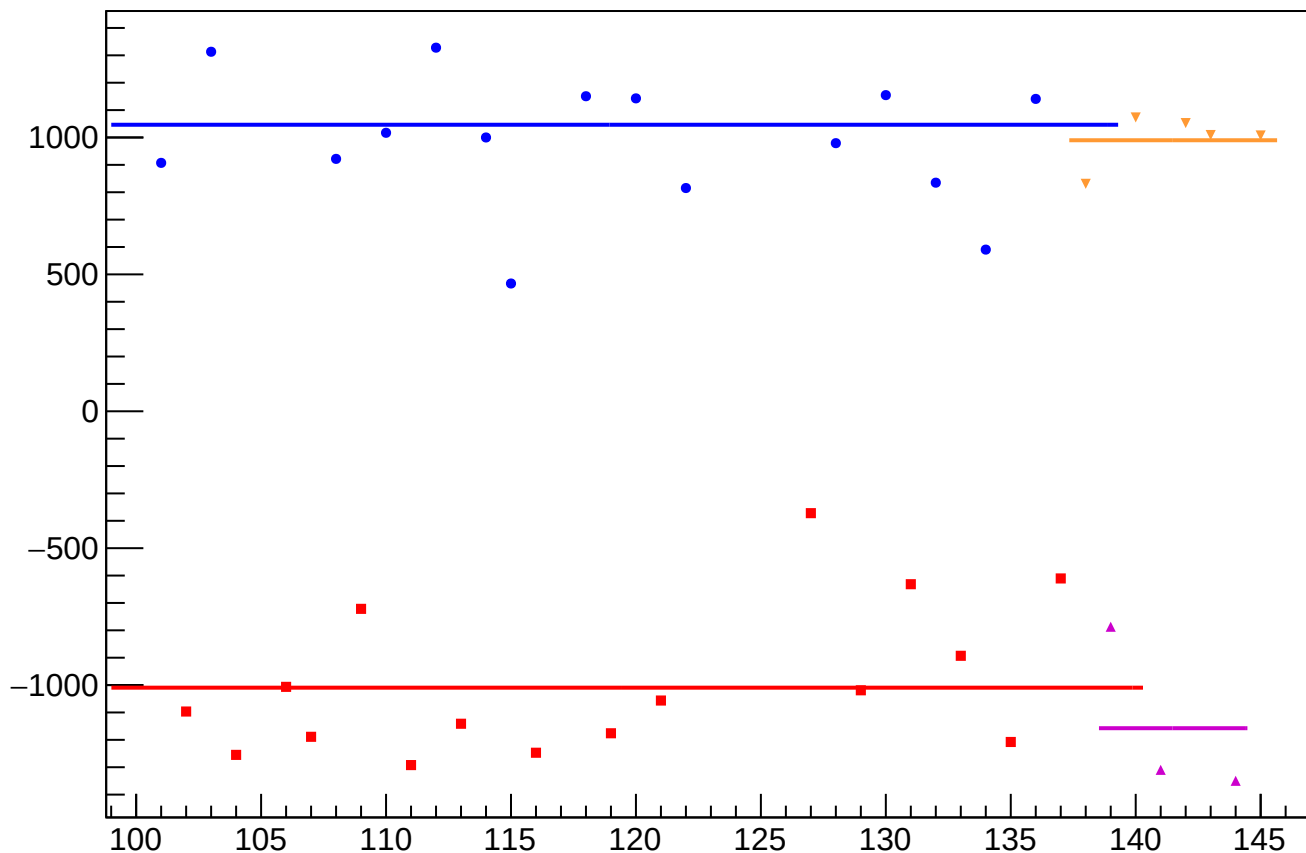
Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14

Left Out: 1643.597+/-0.000 χ^2/NDF : 57031719071335540980450264682455891968.0/4

Right Out: -1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15

Left In: -1857.302+/-0.000 χ^2/NDF : 4055310637003292541326244065063206912.0/2

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



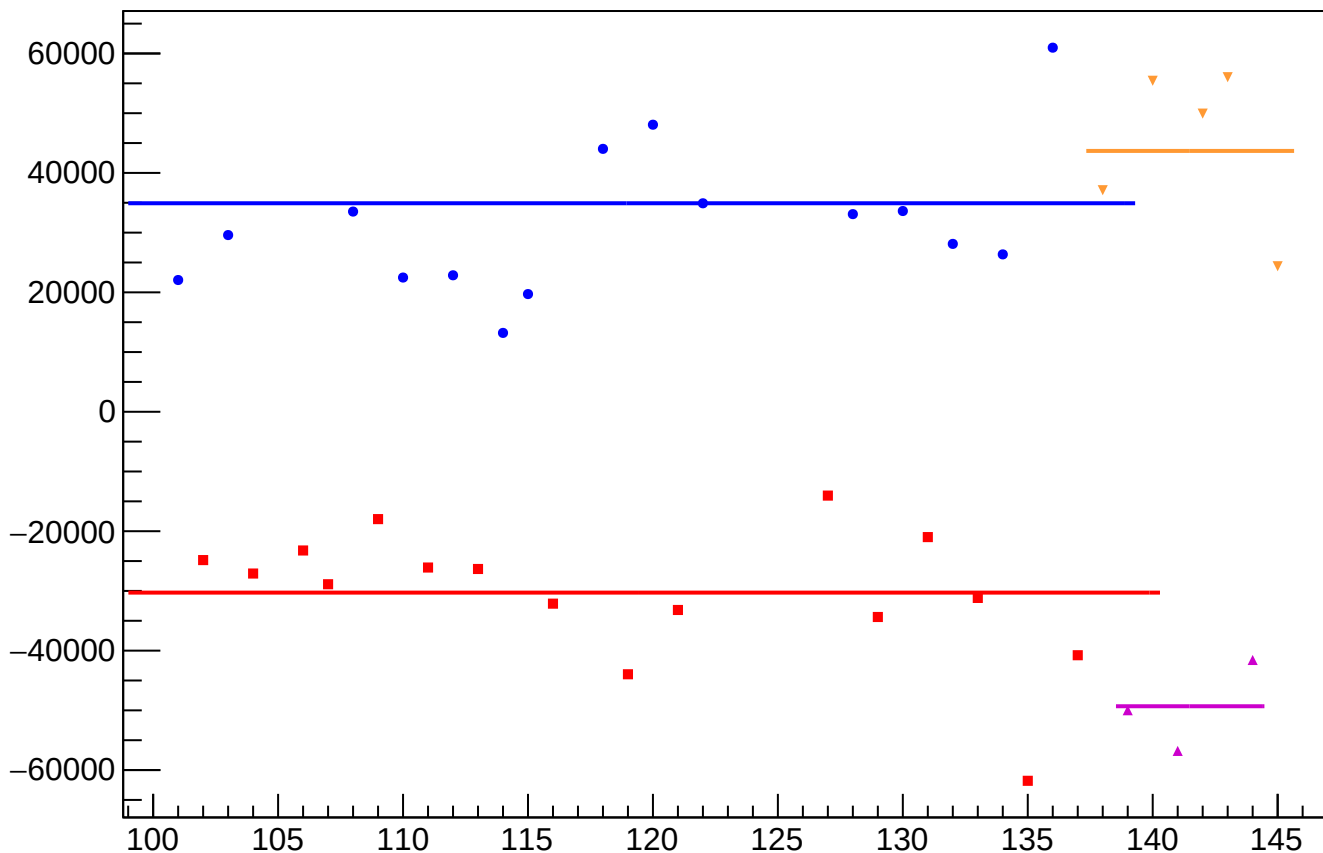
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881 ± 0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

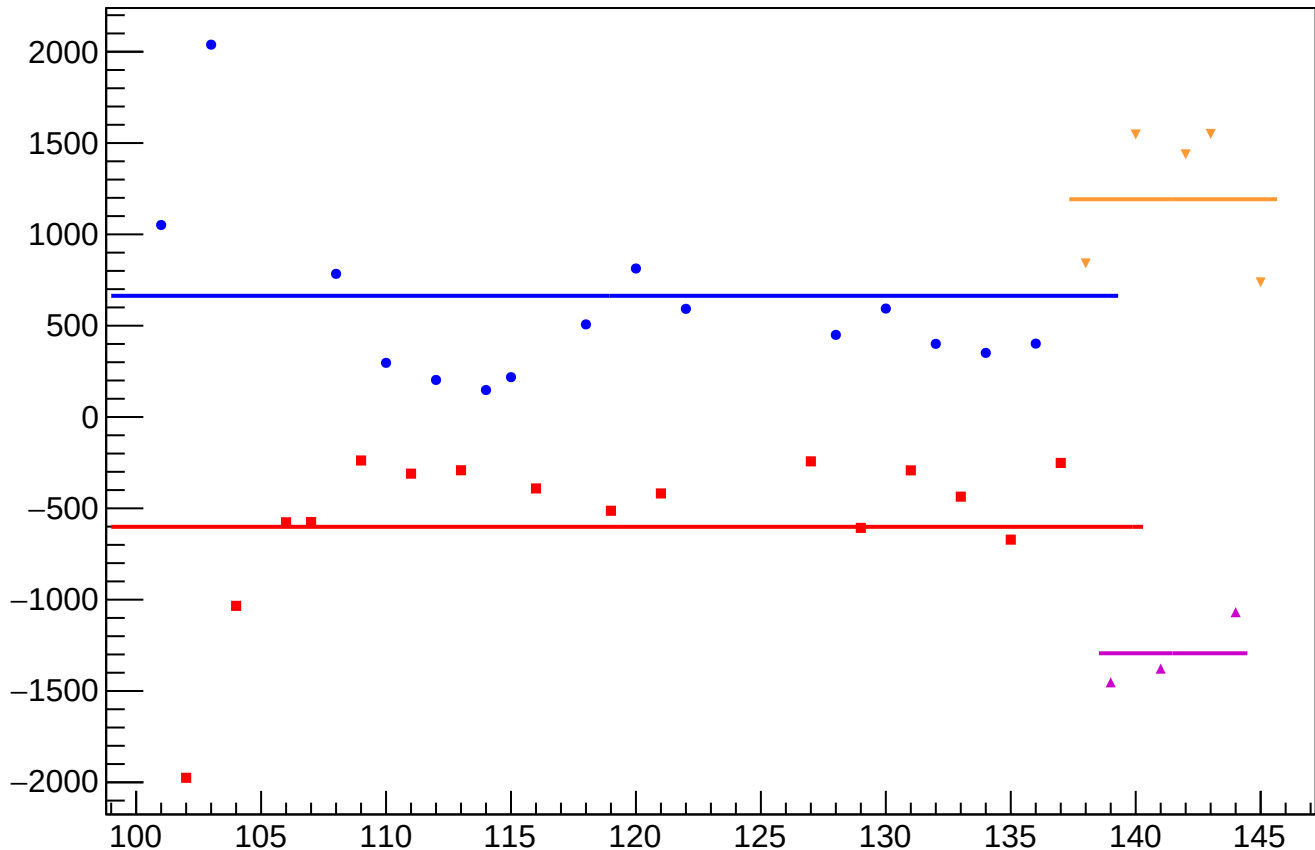
Left In: -1157.482 ± 0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_sam3_coil1_mean vs Slug, Sign Corrected



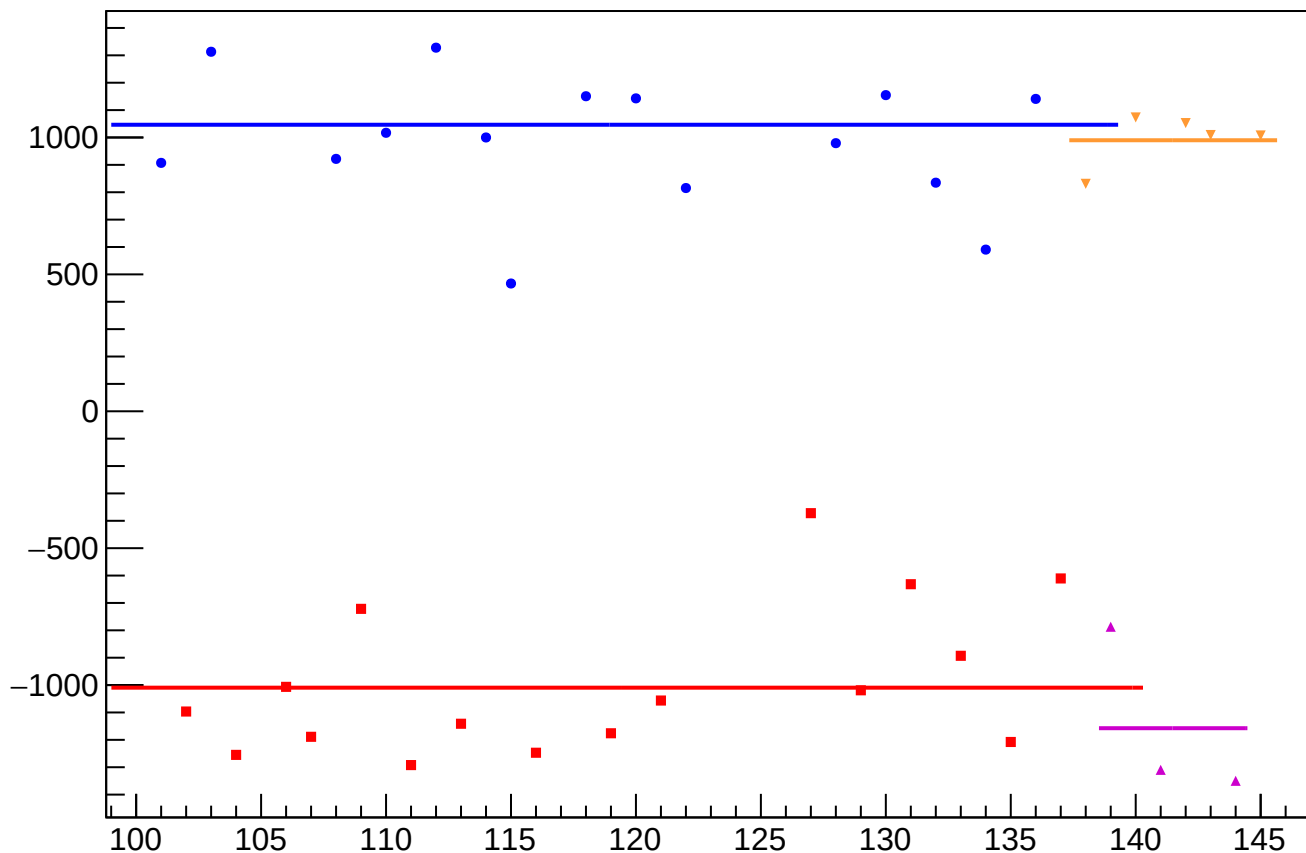
Right In: 34919.716 $\pm$ 0.000 χ^2 /NDF: 106387385440718622155122541848729997017088.0/14
 Left Out: 43682.739 $\pm$ 0.000 χ^2 /NDF: 56921869793370745370950623732751344336896.0/4
 Right Out: -30282.373 $\pm$ 0.000 χ^2 /NDF: 88346165266593126627598951693506073067520.0/15
 Left In: -49312.654 $\pm$ 0.000 χ^2 /NDF: 10134558443712475103351778814018394783744.0/2

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 663.574 $\pm$ 0.000 χ^2 /NDF: 157691812872720822886914966597312446464.0/14
 Left Out: 1192.486 $\pm$ 0.000 χ^2 /NDF: 48069859065264088884061868839678246912.0/4
 Right Out: -601.216 $\pm$ 0.000 χ^2 /NDF: 149717884331889332339995334350831878144.0/15
 Left In: -1293.464 $\pm$ 0.000 χ^2 /NDF: 7151753375699380784094372930741338112.0/2

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



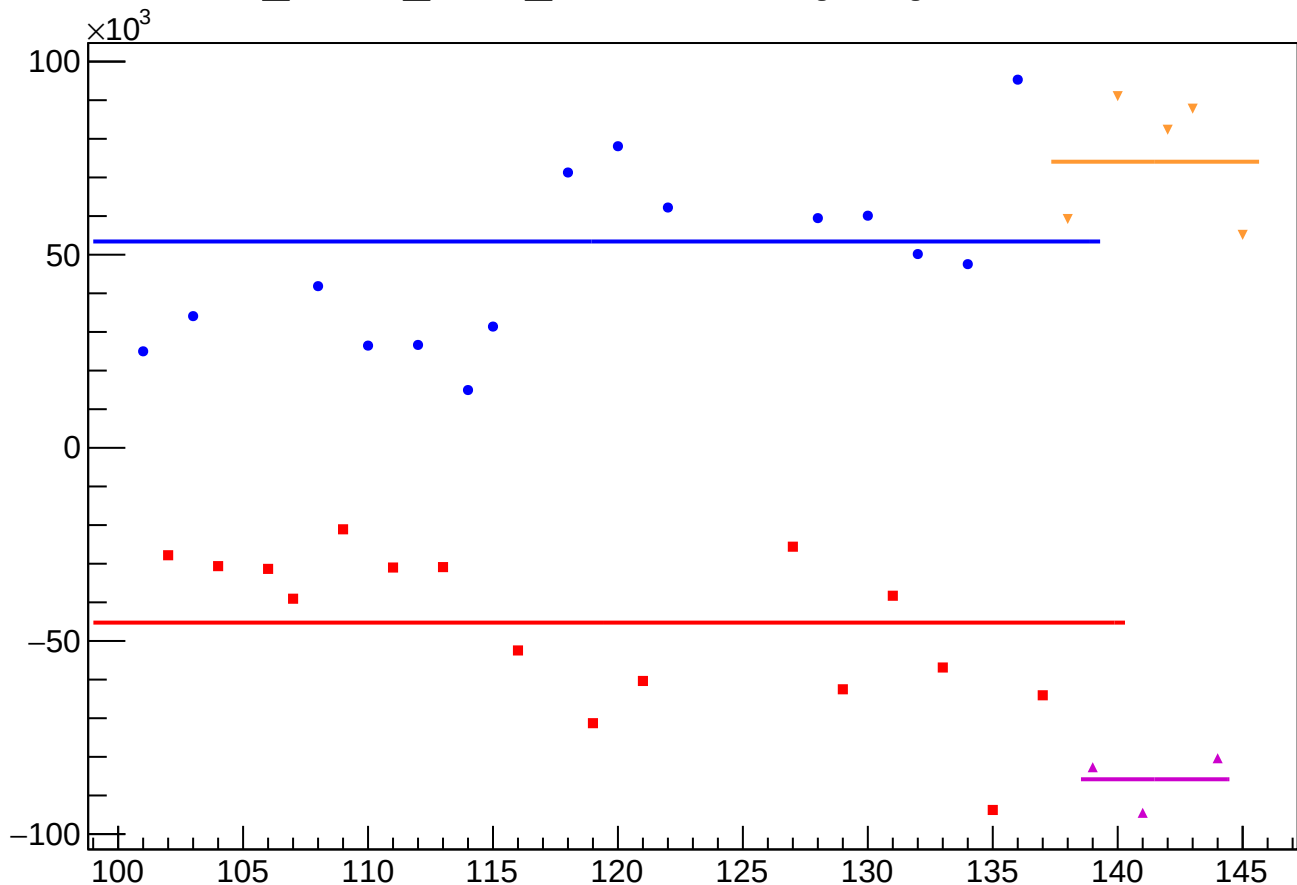
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

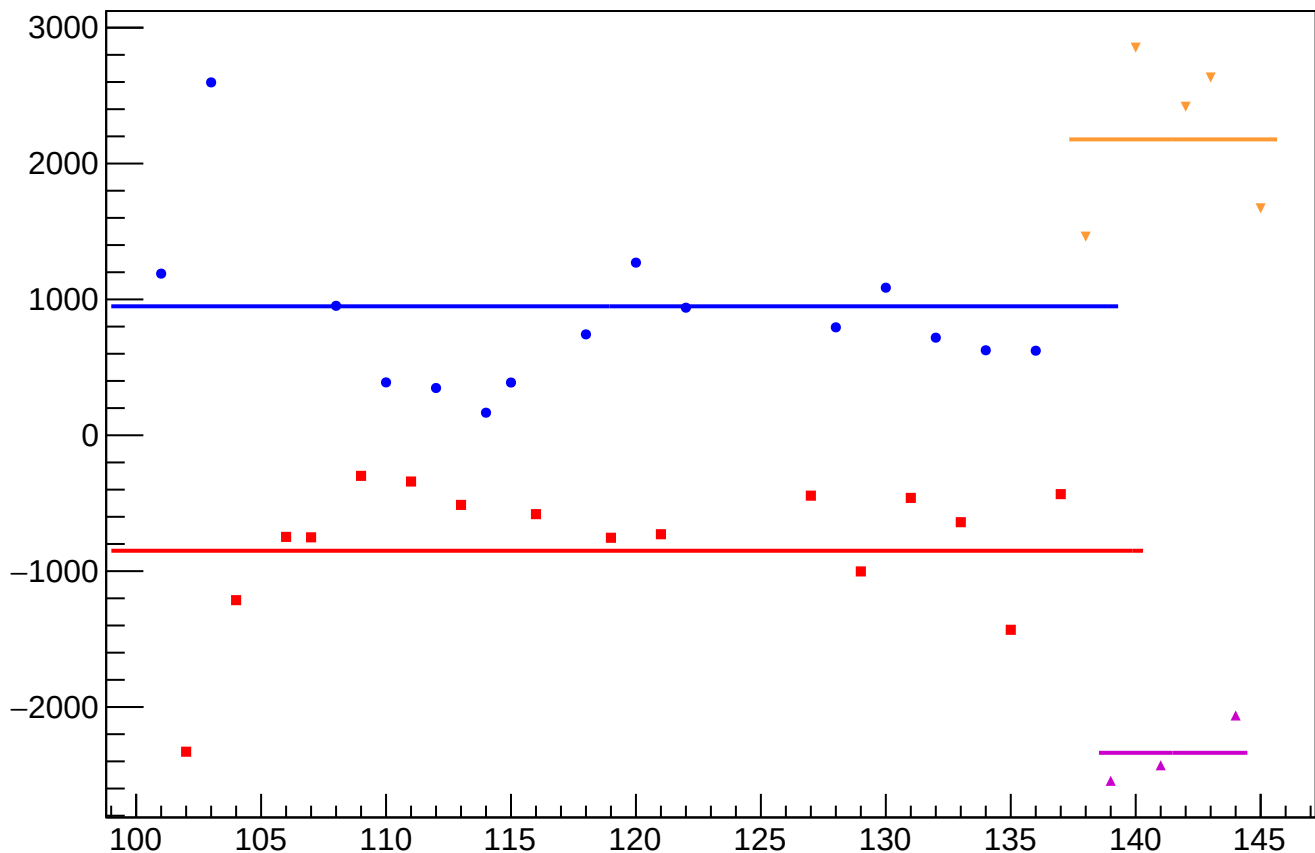
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 74075.391+/-0.000 χ^2/NDF : 85611059566679102464942428577716355727360.0/4
 Right Out: -45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: -85805.859+/-0.000 χ^2/NDF : 9834096949728575395371565426767816556544.0/2

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



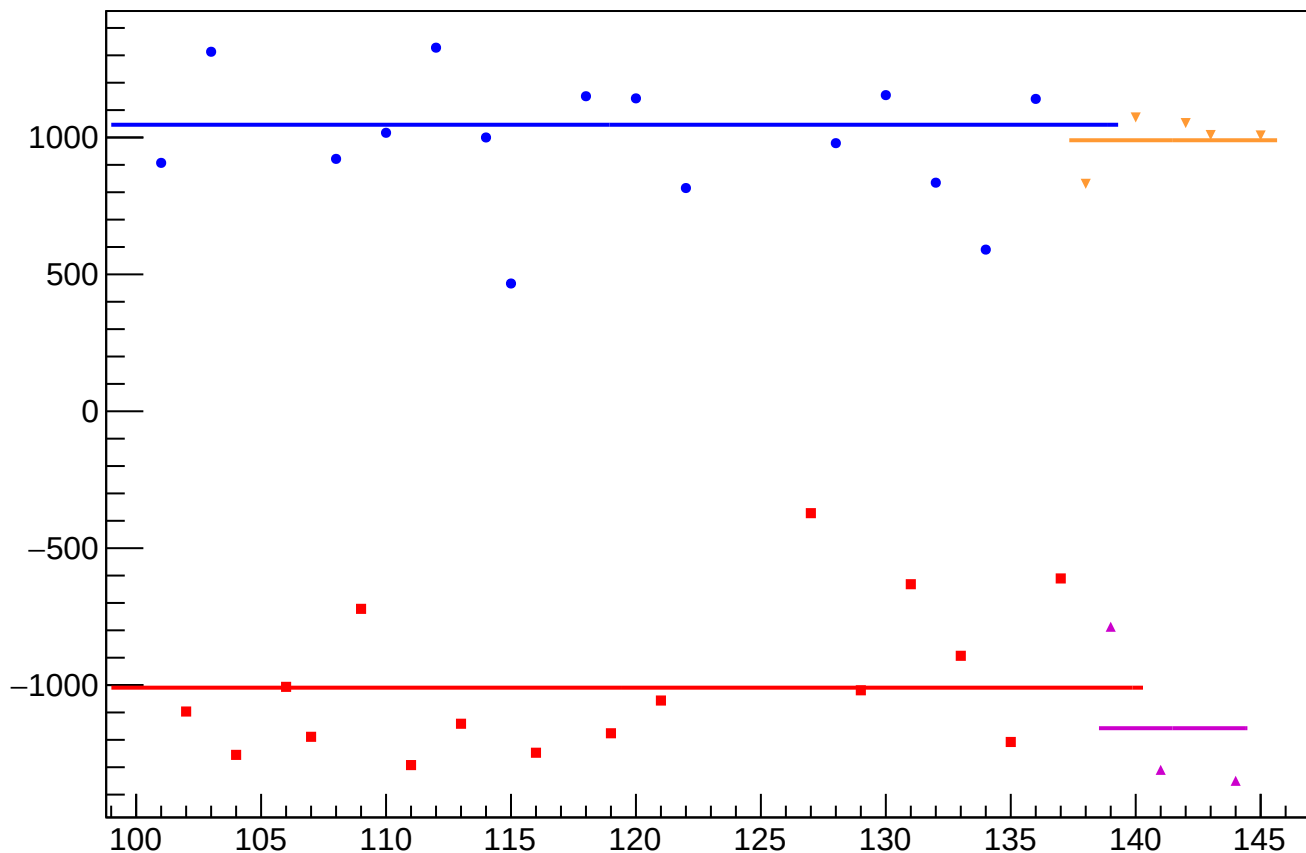
Right In: 949.197 +/- 0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 2177.721 +/- 0.000 χ^2/NDF : 114764006618077058346331121656172380160.0/4

Right Out: -849.827 +/- 0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

Left In: -2337.080 +/- 0.000 χ^2/NDF : 10875870520424066147916896653847560192.0/2

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



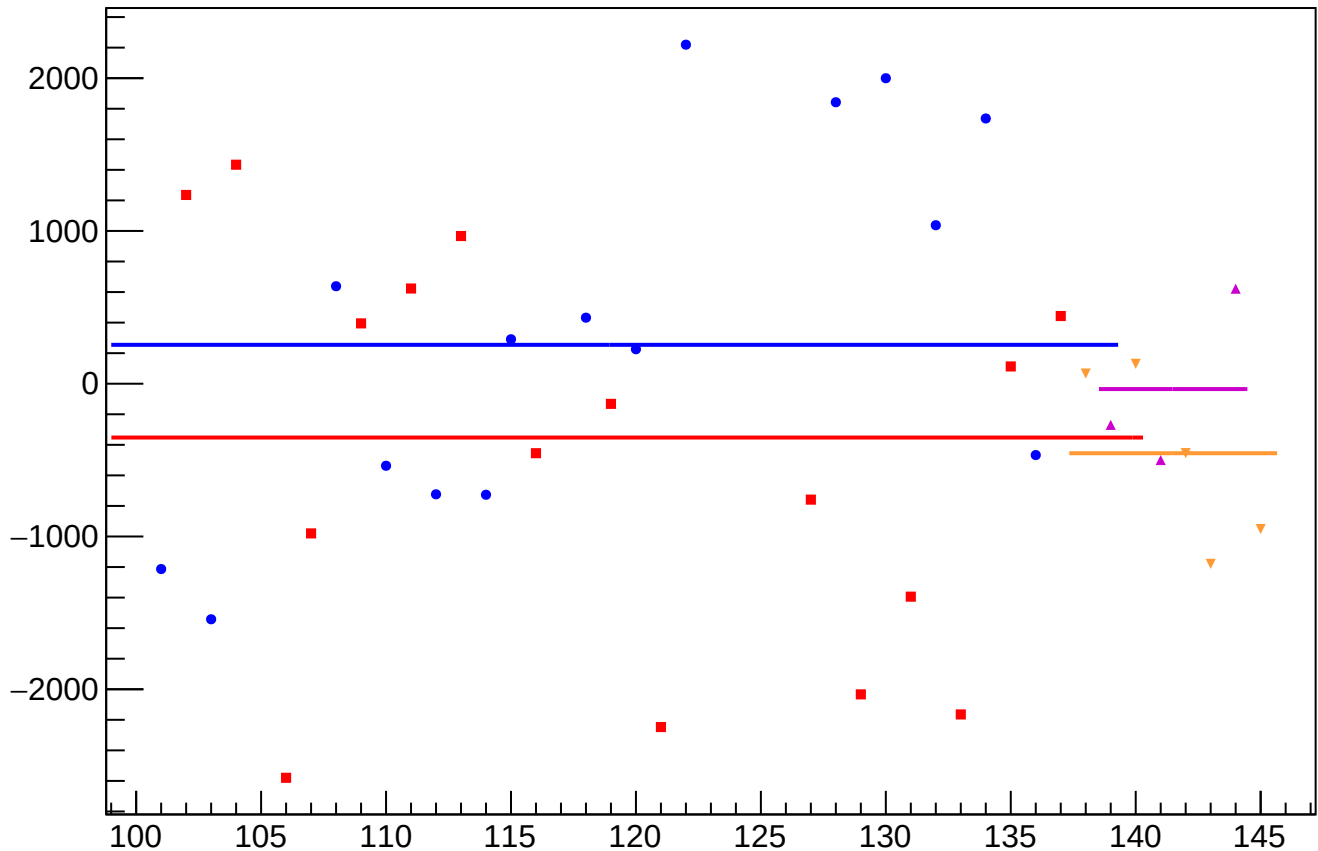
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

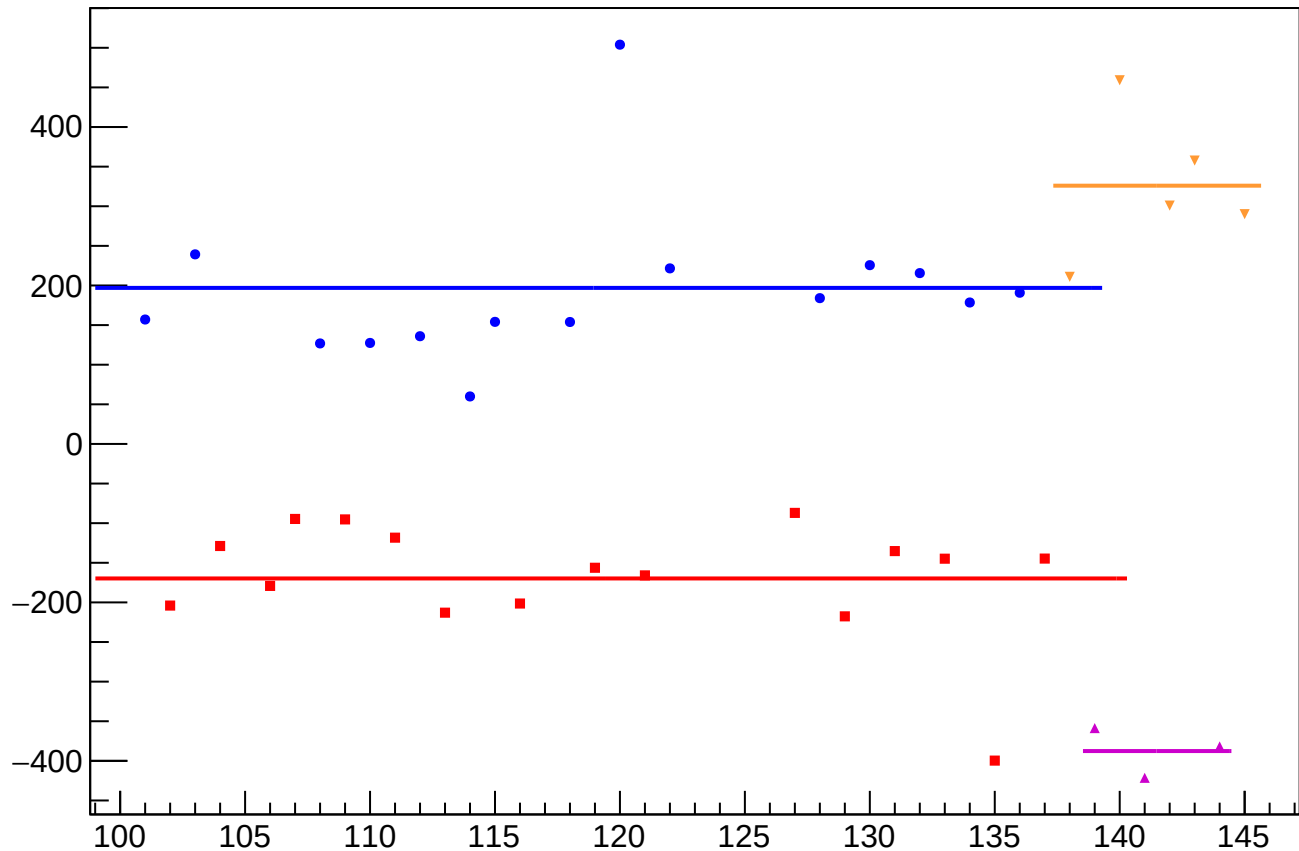
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_sam5_coil1_mean vs Slug, Sign Corrected



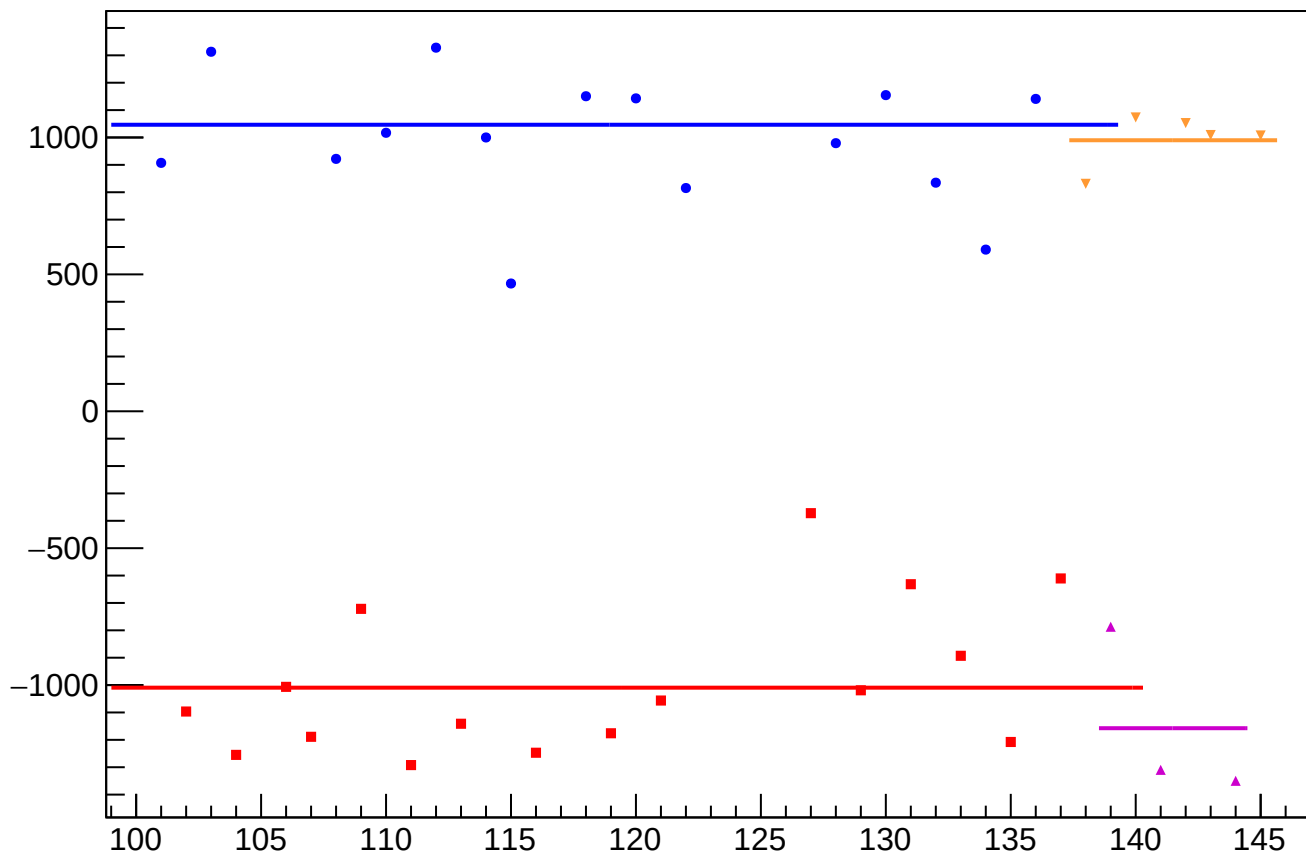
Right In: 254.578 +/- 0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -454.998 +/- 0.000 χ^2/NDF : 104375179328754488822004190333066280960.0/4
 Right Out: -352.308 +/- 0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -35.001 +/- 0.000 χ^2/NDF : 61208912858774048025324751000935858176.0/2

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 196.955 +/- 0.000 χ^2/NDF : 4485245160329657914621372425838788608.0/14
 Left Out: 325.956 +/- 0.000 χ^2/NDF : 2684777031473120833130403630201962496.0/4
 Right Out: -169.778 +/- 0.000 χ^2/NDF : 3892609445494845784493558646385410048.0/15
 Left In: -387.628 +/- 0.000 χ^2/NDF : 167953039061606136342035755568201728.0/2

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



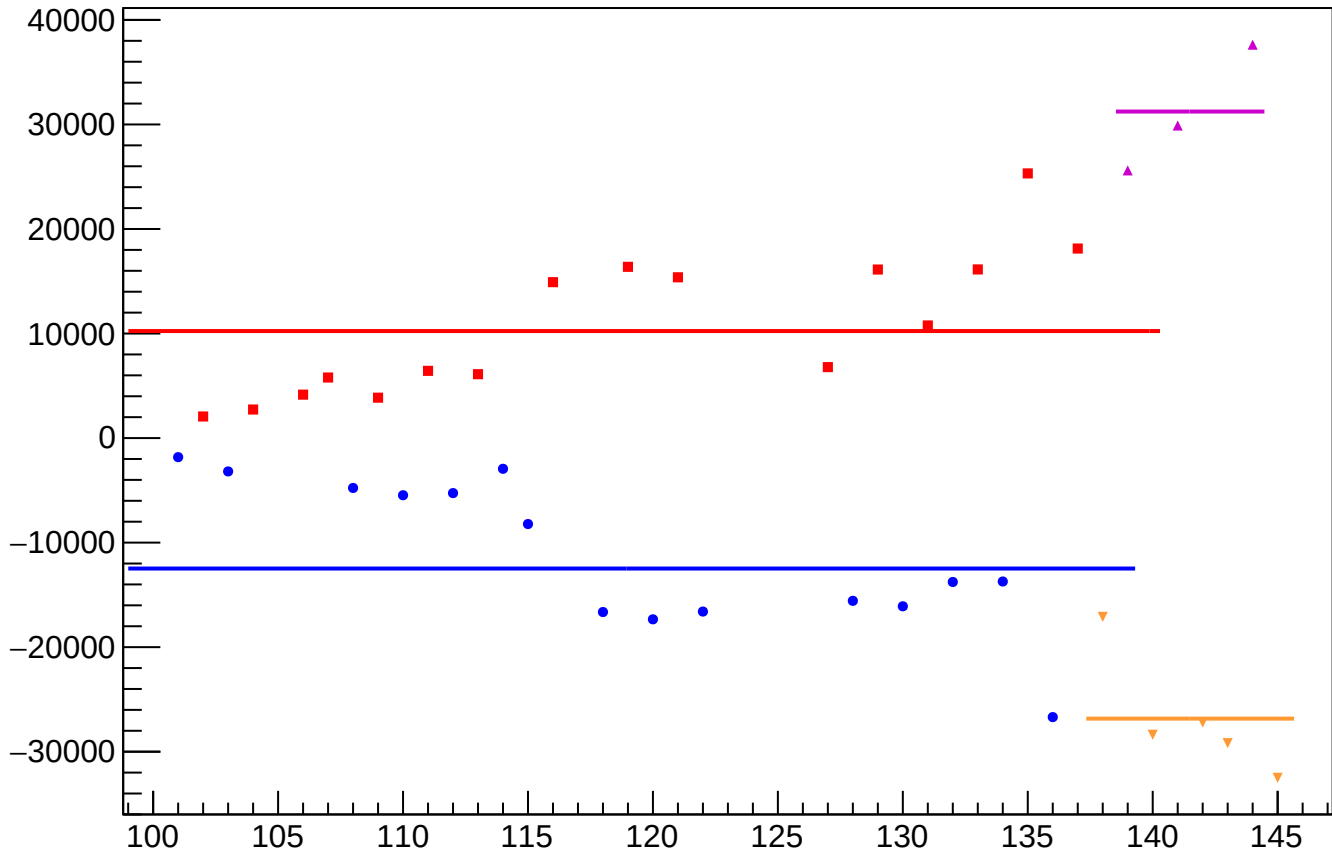
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: -12479.653+/-0.000

χ^2/NDF : 41178633231253805317353333973475271901184.0/14

Left Out: -26835.733+/-0.000

χ^2/NDF : 10556291939894835703929877231686201114624.0/4

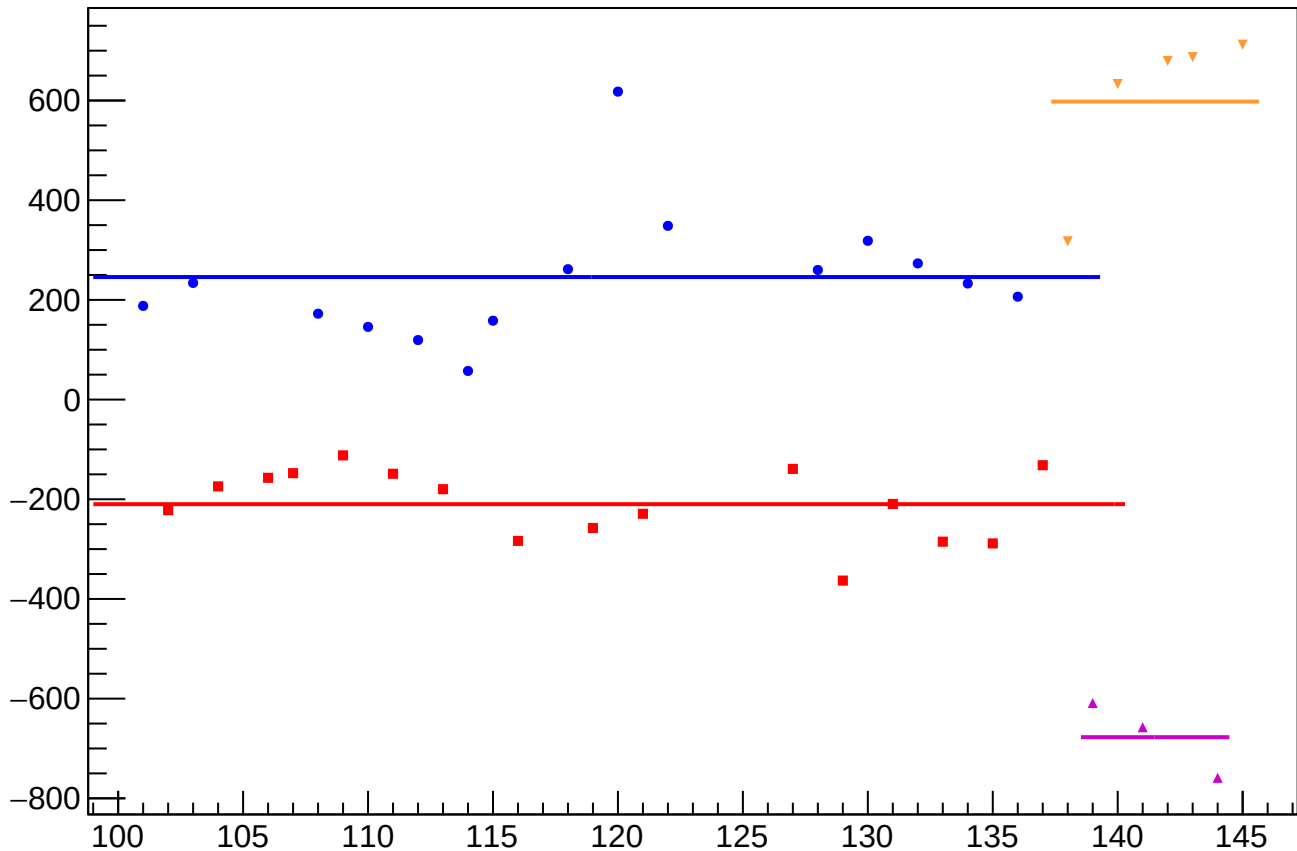
Right Out: 10238.098+/-0.000

χ^2/NDF : 31227861126159534031961501923223718068224.0/15

Left In: 31234.705+/-0.000

χ^2/NDF : 6359816735007144169417168476559172960256.0/2

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



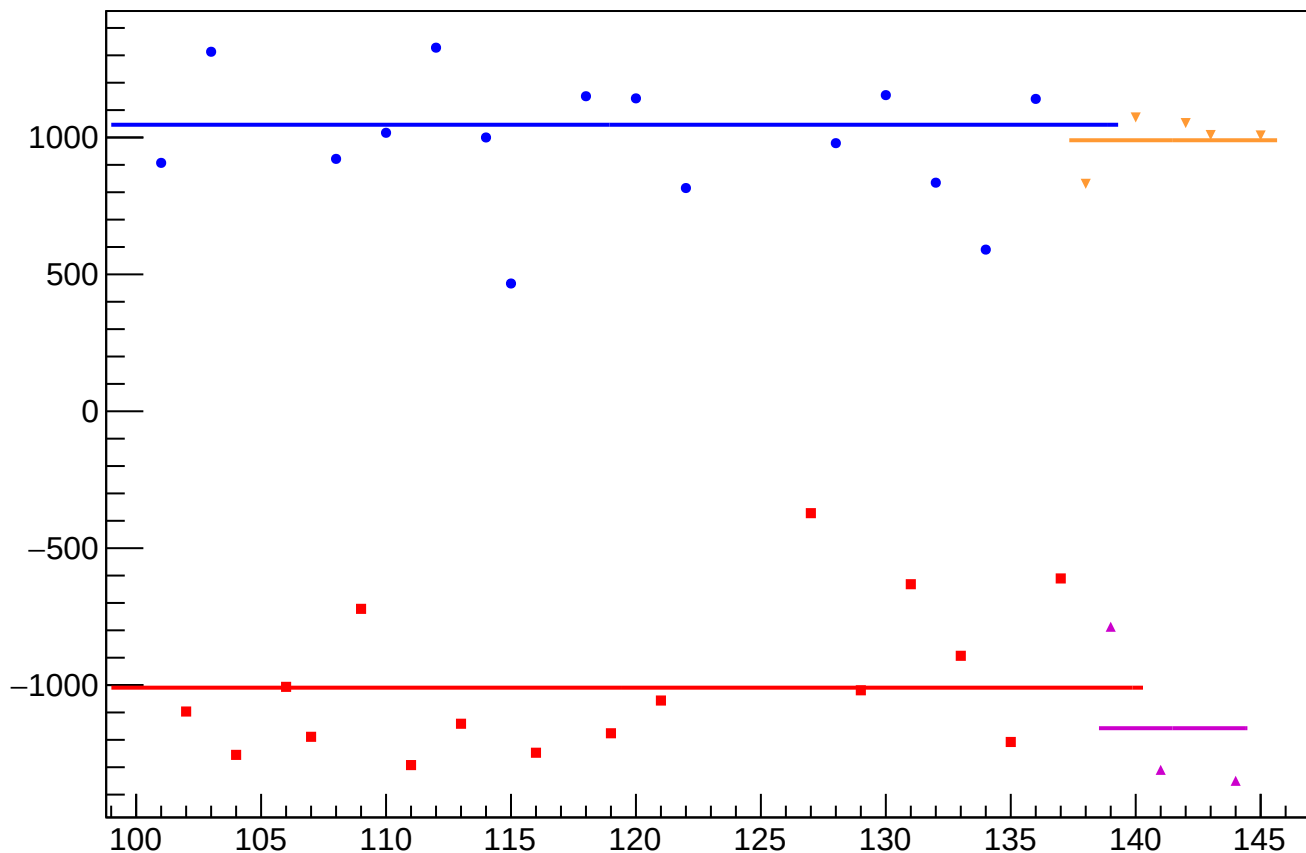
Right In: 245.832 $\pm$ 0.000 χ^2 /NDF: 7828269009300013139414476154059358208.0/14

Left Out: 597.831 $\pm$ 0.000 χ^2 /NDF: 8127206628781844301296651636286947328.0/4

Right Out: -209.844 $\pm$ 0.000 χ^2 /NDF: 3128489258838765241921217786024034304.0/15

Left In: -677.338 $\pm$ 0.000 χ^2 /NDF: 1005939075521032214361936305043013632.0/2

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



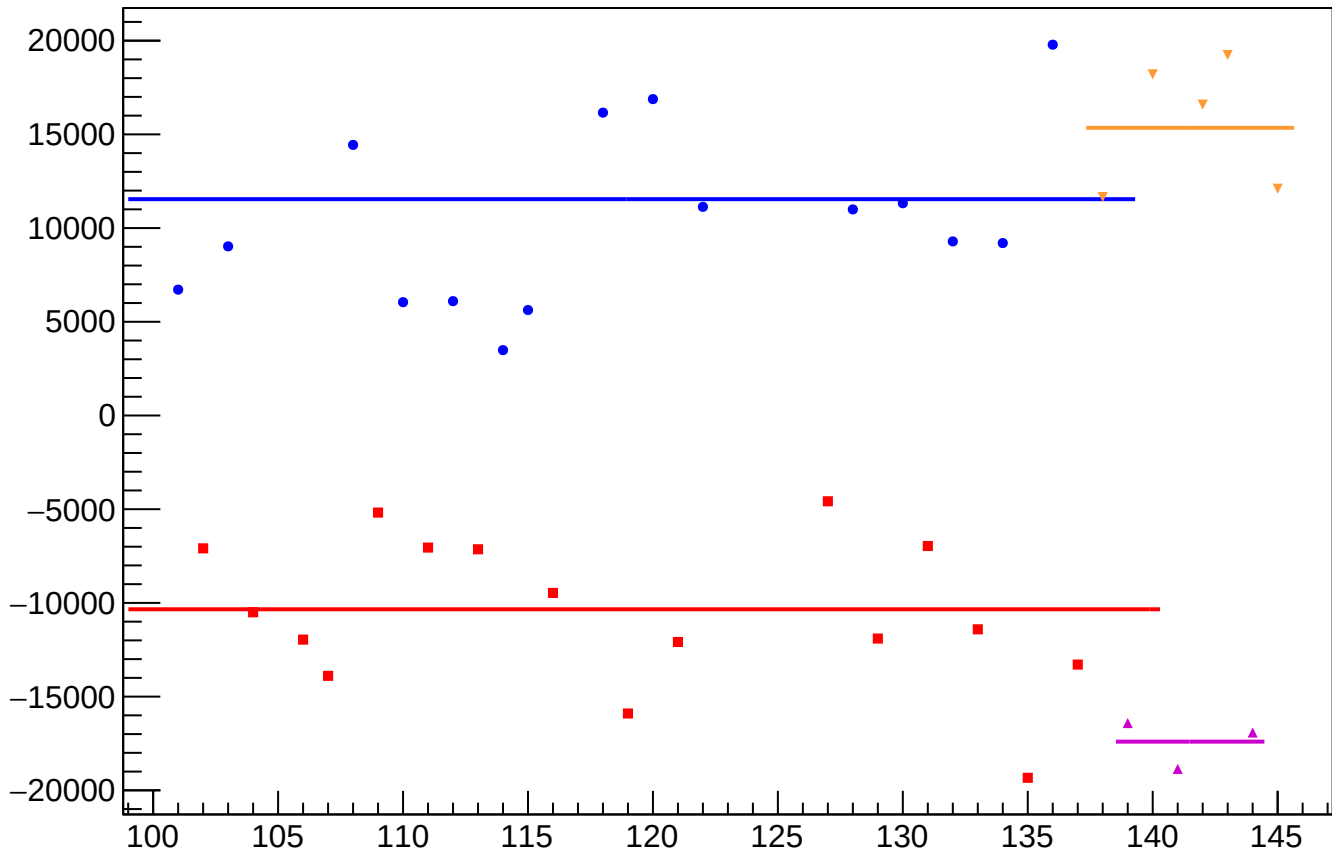
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

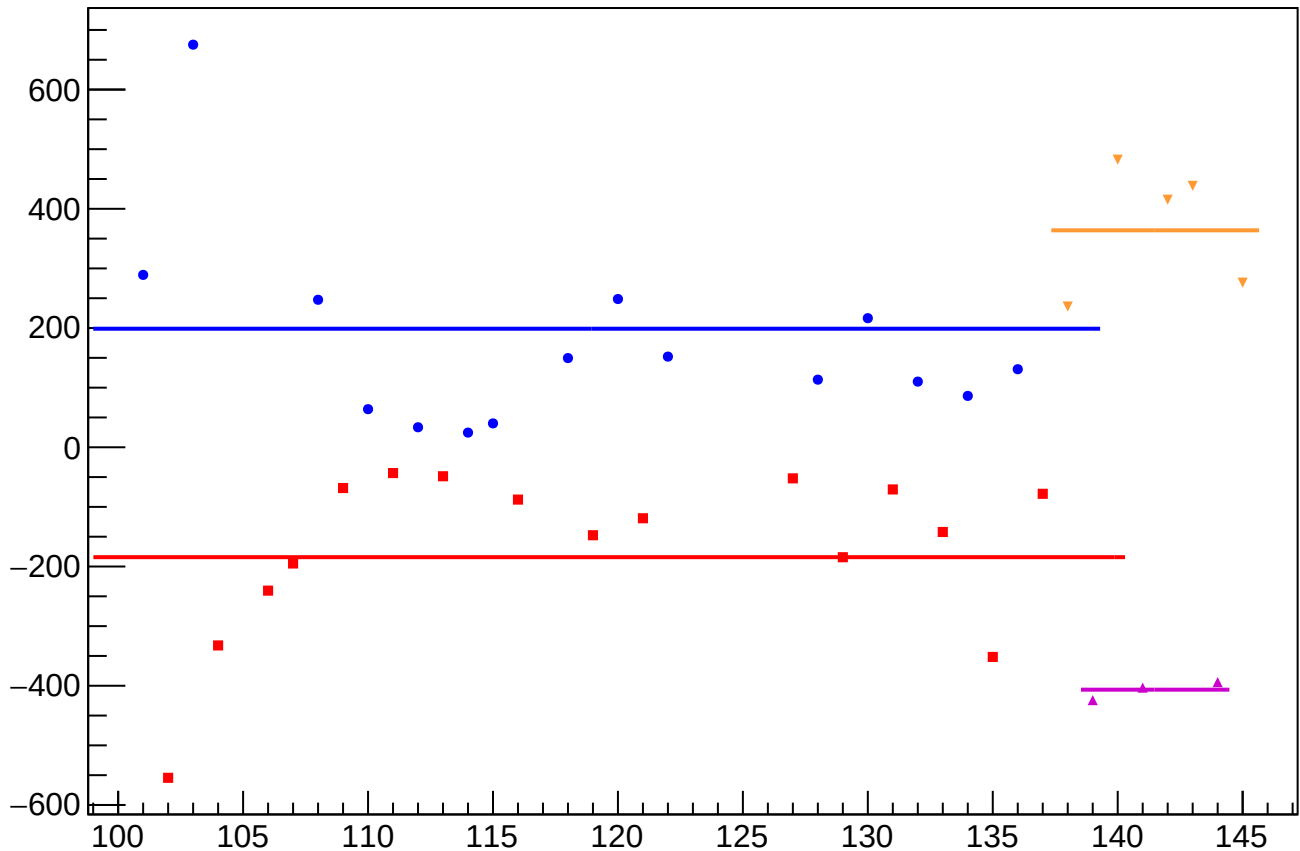
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 11542.759 $\pm$ 0.000 χ^2 /NDF: 14233543123238566357226766219014687424512.0/14
 Left Out: 15349.847 $\pm$ 0.000 χ^2 /NDF: 3668301117470337859269347588142603960320.0/4
 Right Out: -10339.969 $\pm$ 0.000 χ^2 /NDF: 11260833863406751645923420062982418202624.0/15
 Left In: -17402.380 $\pm$ 0.000 χ^2 /NDF: 281073058144716066175438130987740954624.0/2

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



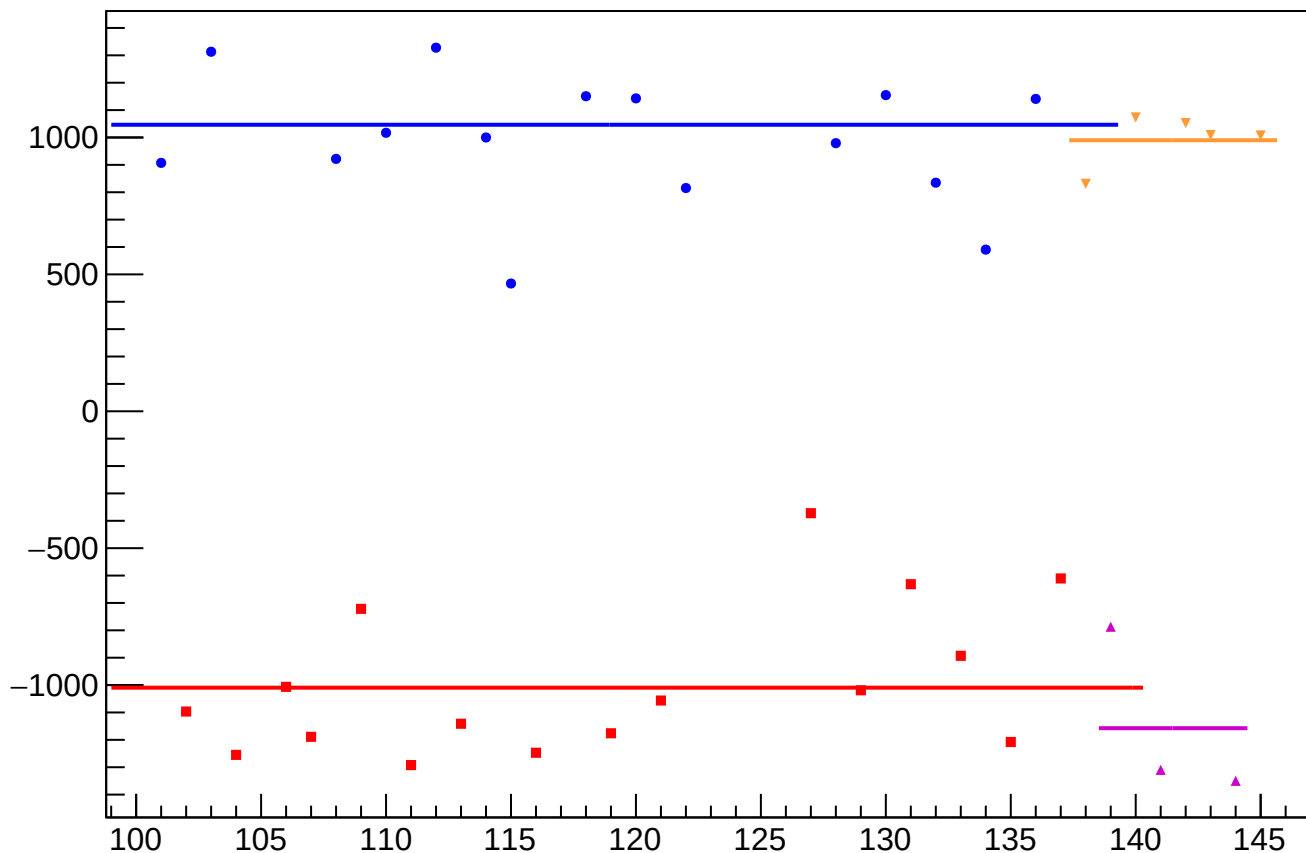
Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 363.897+/-0.000 χ^2/NDF : 3544120368266559280191572012622151680.0/4

Right Out: -184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

Left In: -406.581+/-0.000 χ^2/NDF : 40390822946760289617034551278698496.0/2

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



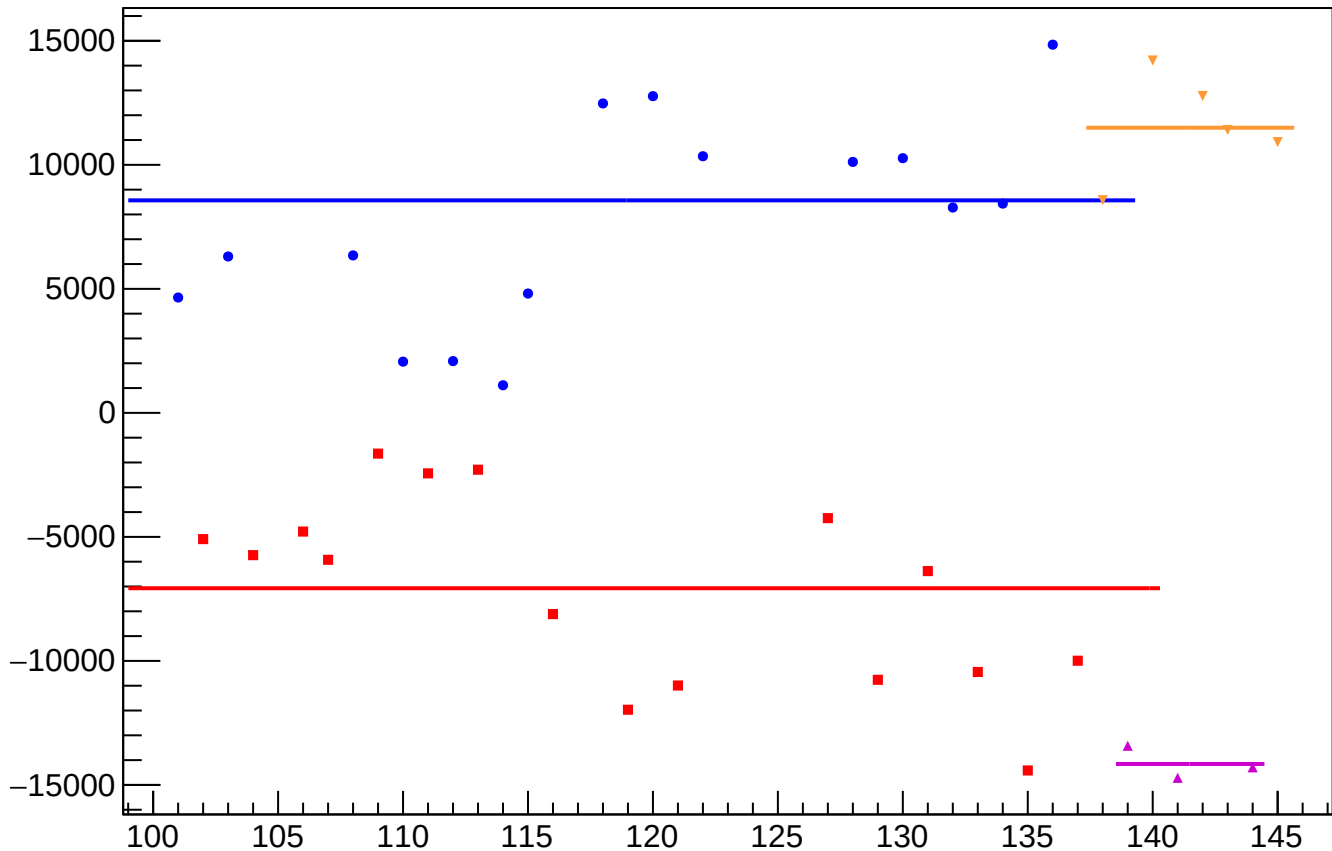
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

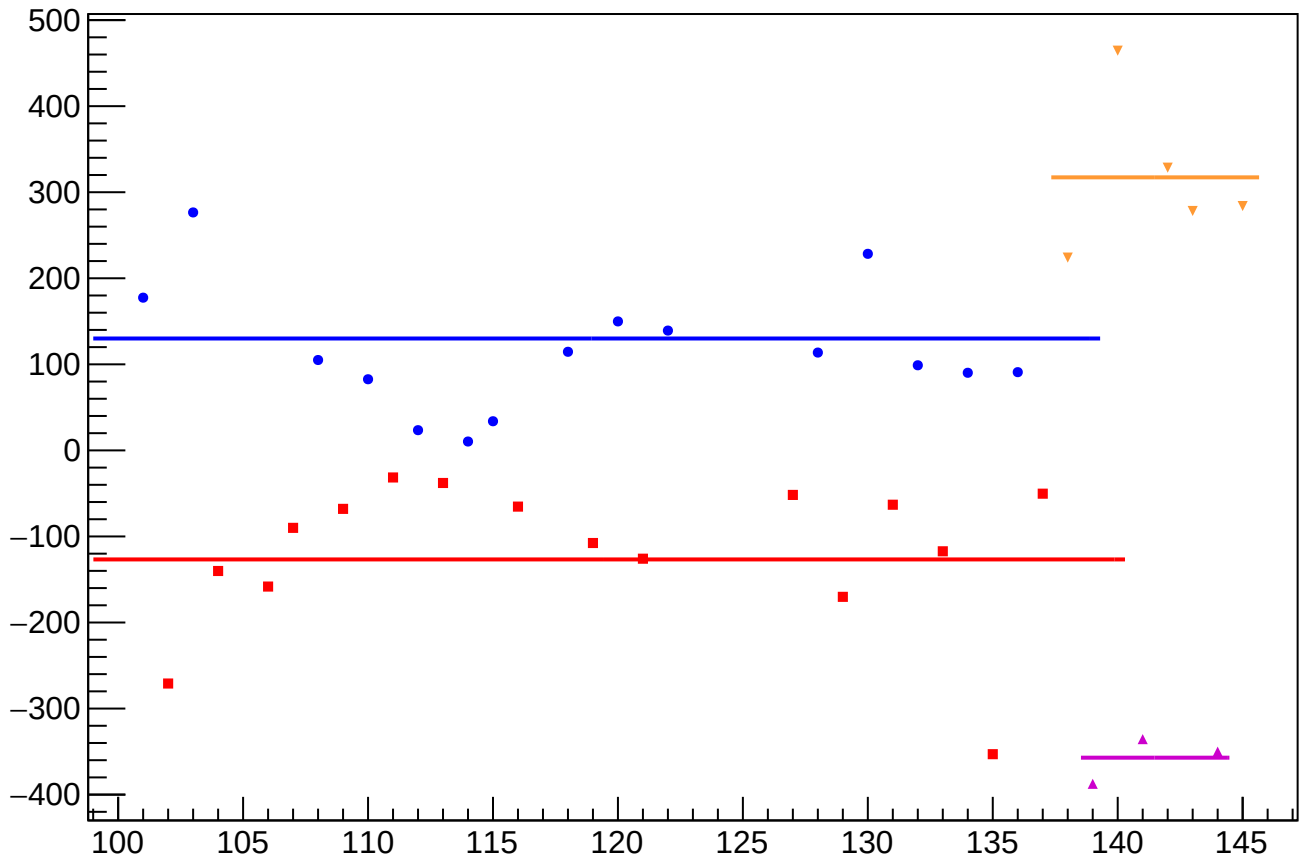
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_sam8_coil1_mean vs Slug, Sign Corrected



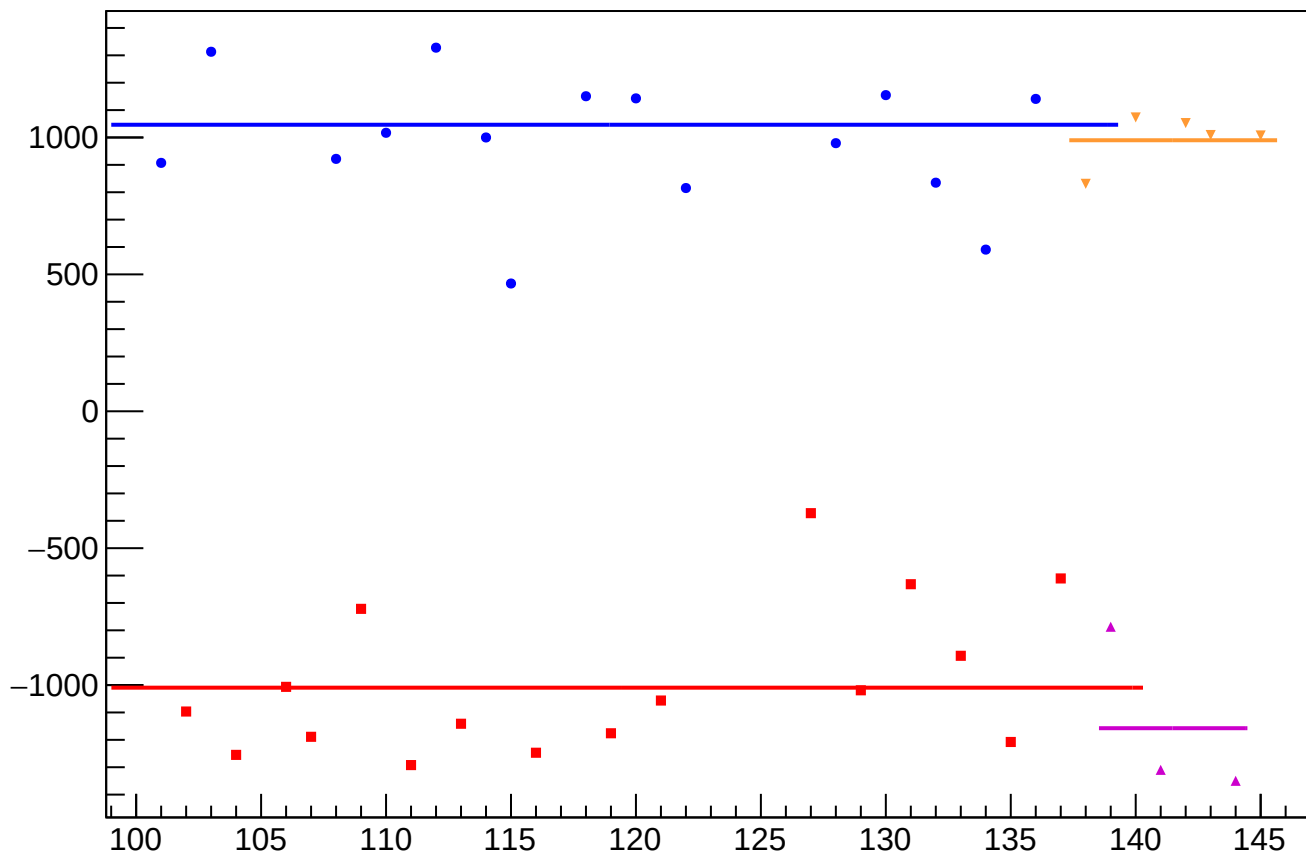
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 11496.726+/-0.000 χ^2/NDF : 1370947613475761118236887673385730965504.0/4
 Right Out: -7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: -14154.920+/-0.000 χ^2/NDF : 71696641306837354705178149175578066944.0/2

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 130.021 $\pm$ 0.000 χ^2 /NDF: 3115259987552341725946418665378283520.0/14
 Left Out: 317.273 $\pm$ 0.000 χ^2 /NDF: 2653113085358782322320525270227877888.0/4
 Right Out: -126.709 $\pm$ 0.000 χ^2 /NDF: 5397122581297664561308621600668516352.0/15
 Left In: -357.077 $\pm$ 0.000 χ^2 /NDF: 118520080014961781162912079417442304.0/2

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



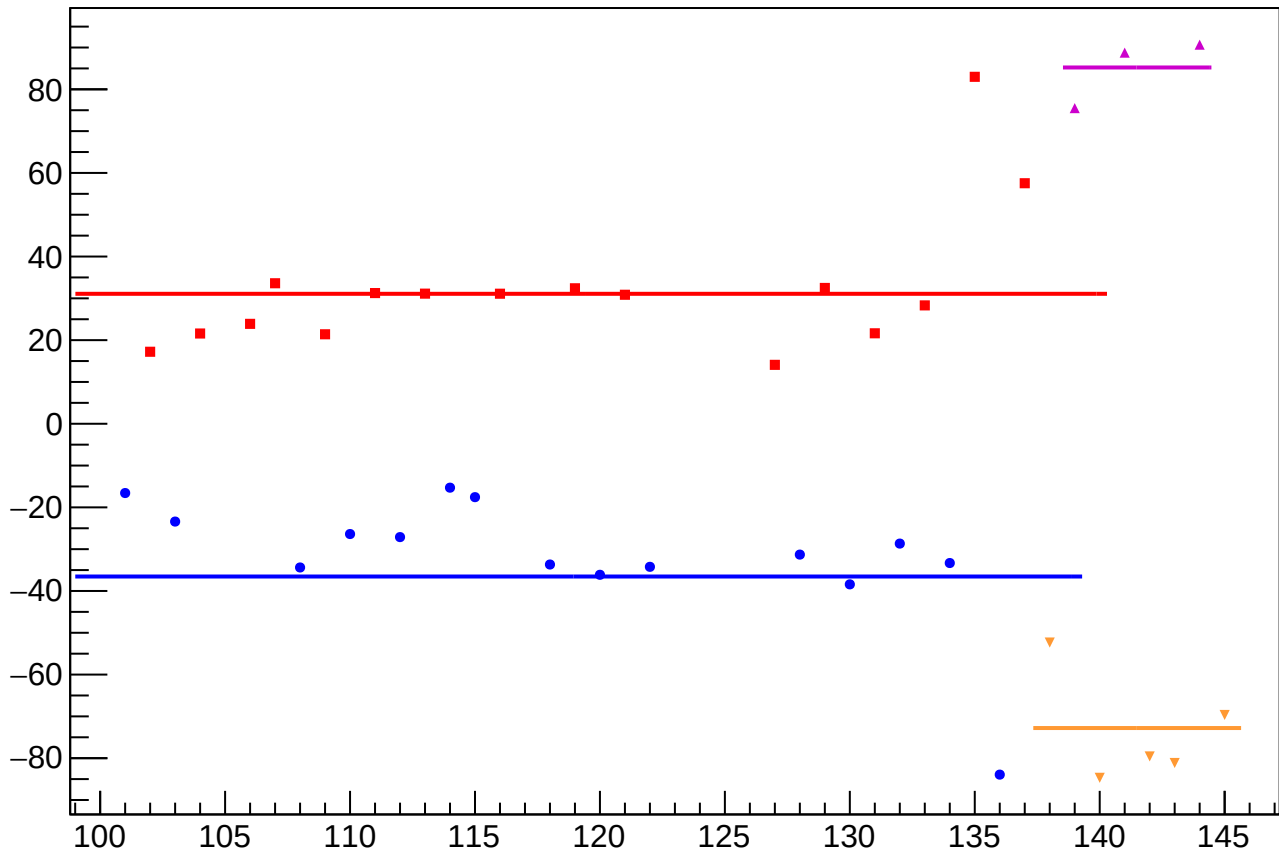
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 989.881+/-0.000 χ^2/NDF : 2773545835464195176837579798344630272.0/4

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

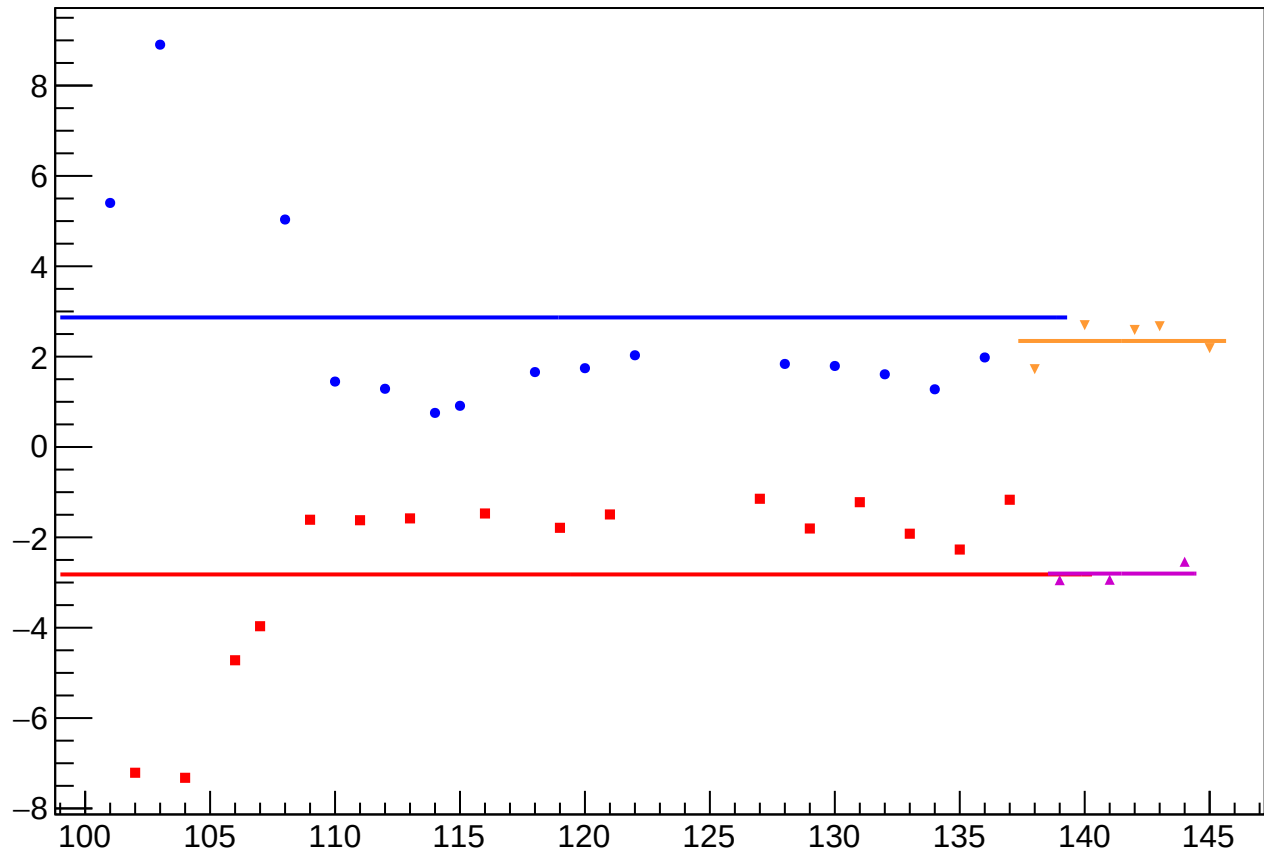
Left In: -1157.482+/-0.000 χ^2/NDF : 16372944648248449566393953973532884992.0/2

dit_4aX_coil3_mean vs Slug, Sign Corrected



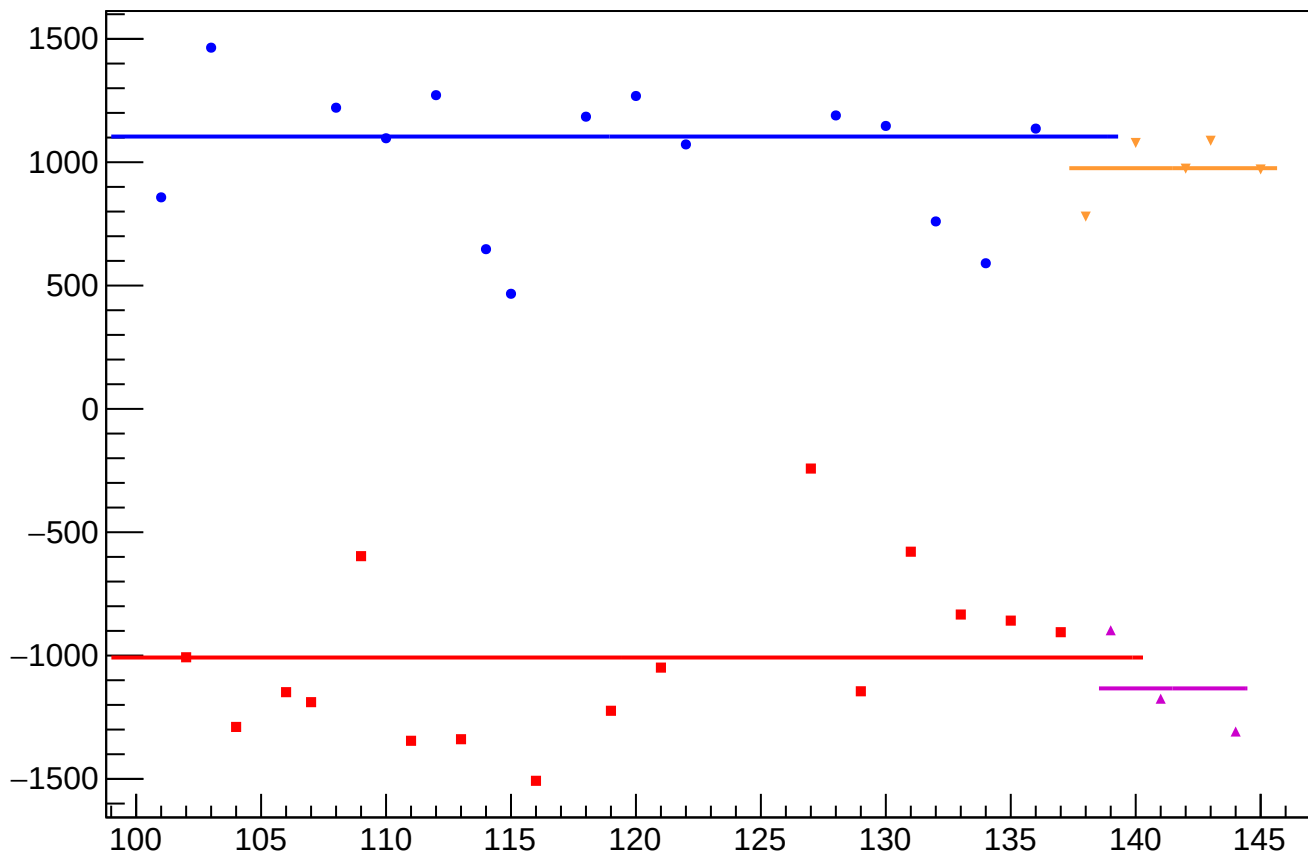
Right In: -36.540 +/- 0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14
 Left Out: -72.787 +/- 0.000 χ^2/NDF : 51843907089971069742100301190529024.0/4
 Right Out: 31.085 +/- 0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15
 Left In: 85.224 +/- 0.000 χ^2/NDF : 11375411121294776802894742187671552.0/2

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867 +/- 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.347 +/- 0.000 χ^2/NDF : 52305243129815757774221274513408.0/4
 Right Out: -2.821 +/- 0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: -2.802 +/- 0.000 χ^2/NDF : 9415737876637926204190557732864.0/2

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



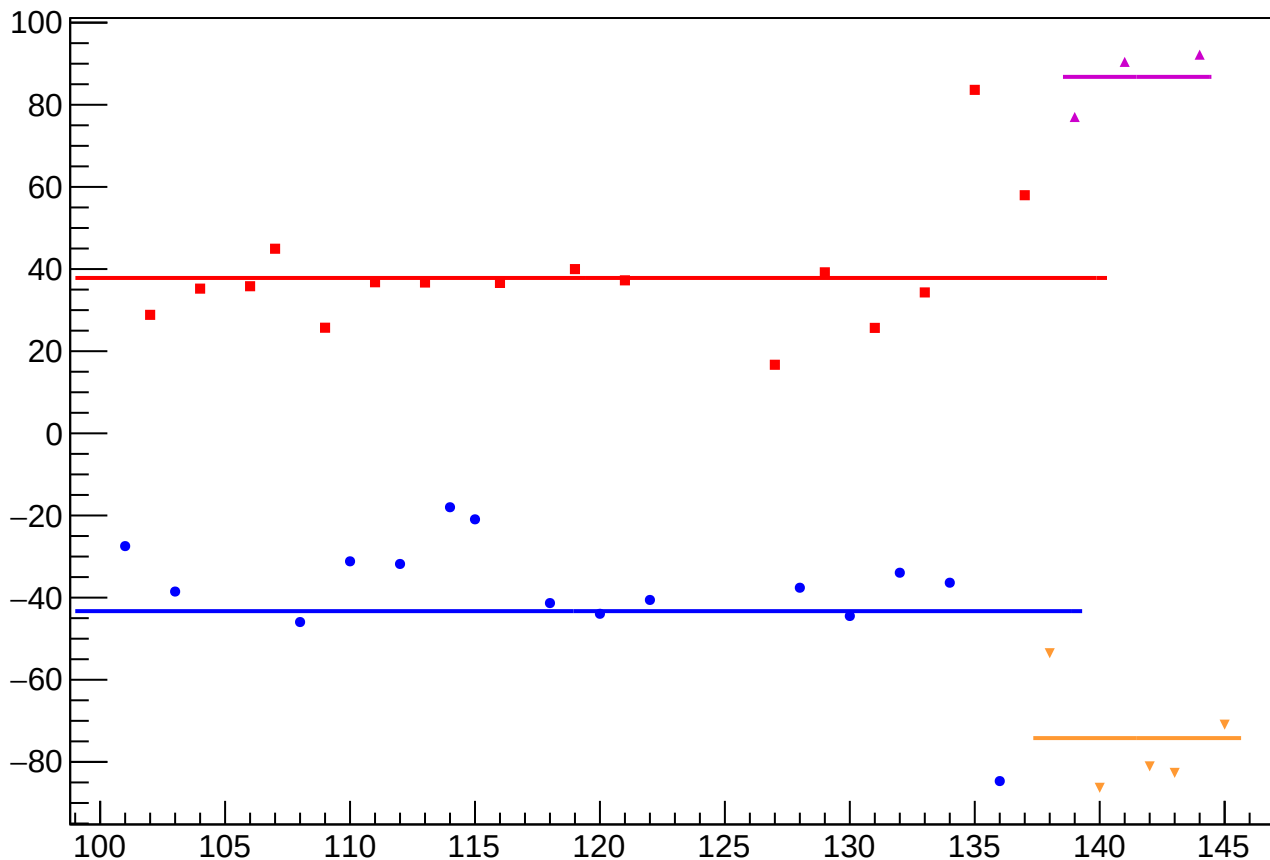
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_4eX_coil3_mean vs Slug, Sign Corrected



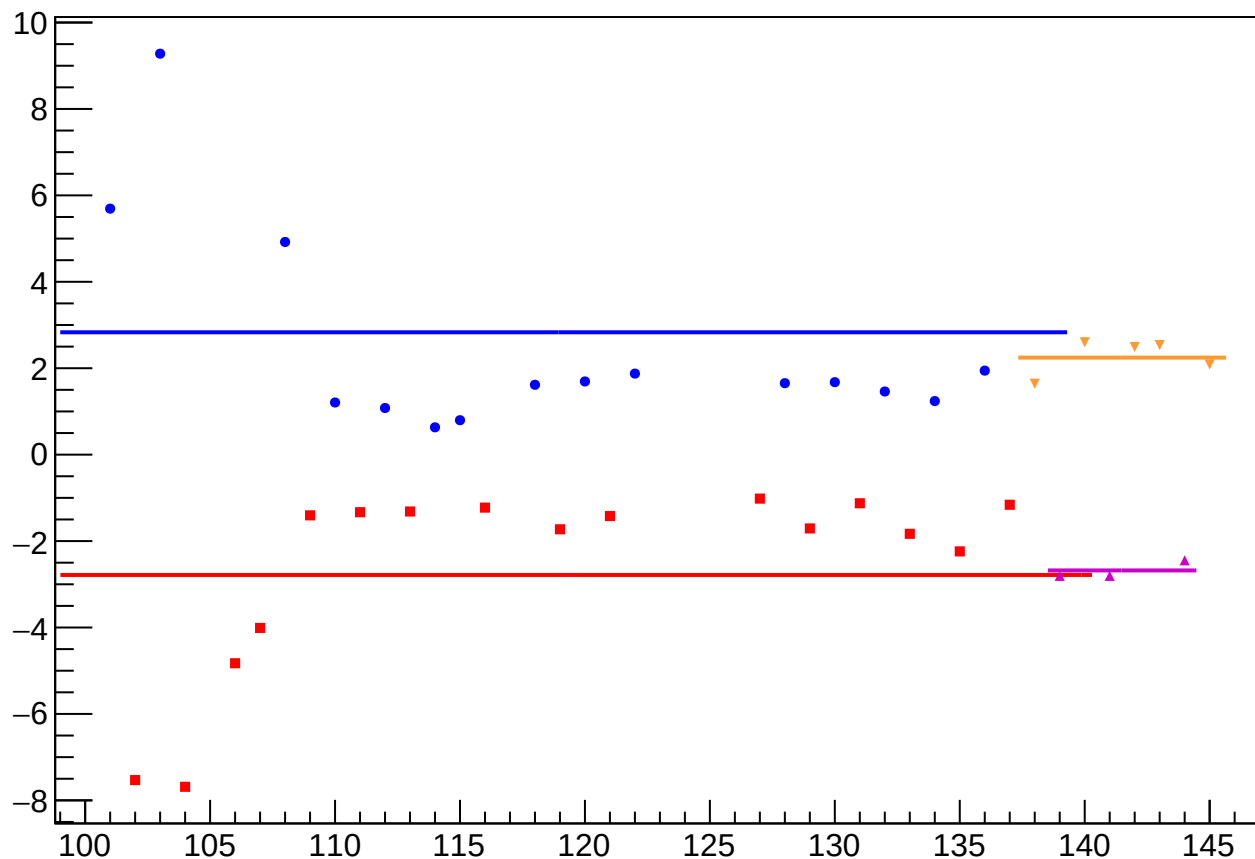
Right In: -43.289 $\pm$ 0.000 χ^2 /NDF: 199342736778845281087197523996573696.0/14

Left Out: -74.202 $\pm$ 0.000 χ^2 /NDF: 53166932317993261331559231631917056.0/4

Right Out: 37.832 $\pm$ 0.000 χ^2 /NDF: 148683933977204936634636843897323520.0/15

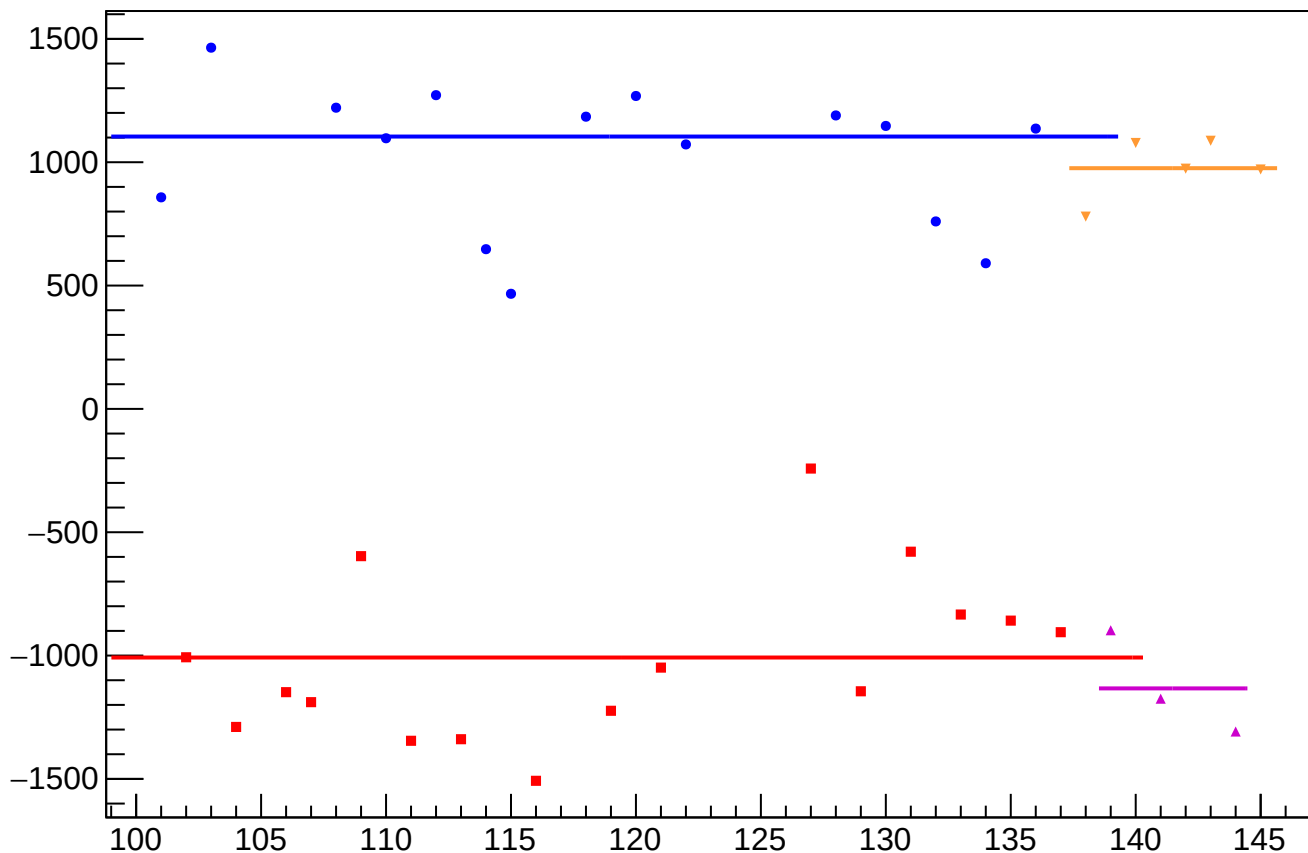
Left In: 86.796 $\pm$ 0.000 χ^2 /NDF: 11459124976866721323894983668793344.0/2

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.832 +/- 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.246 +/- 0.000 χ^2/NDF : 49201205490996000629308467970048.0/4
 Right Out: -2.784 +/- 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: -2.679 +/- 0.000 χ^2/NDF : 7487411209604169055203036758016.0/2

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



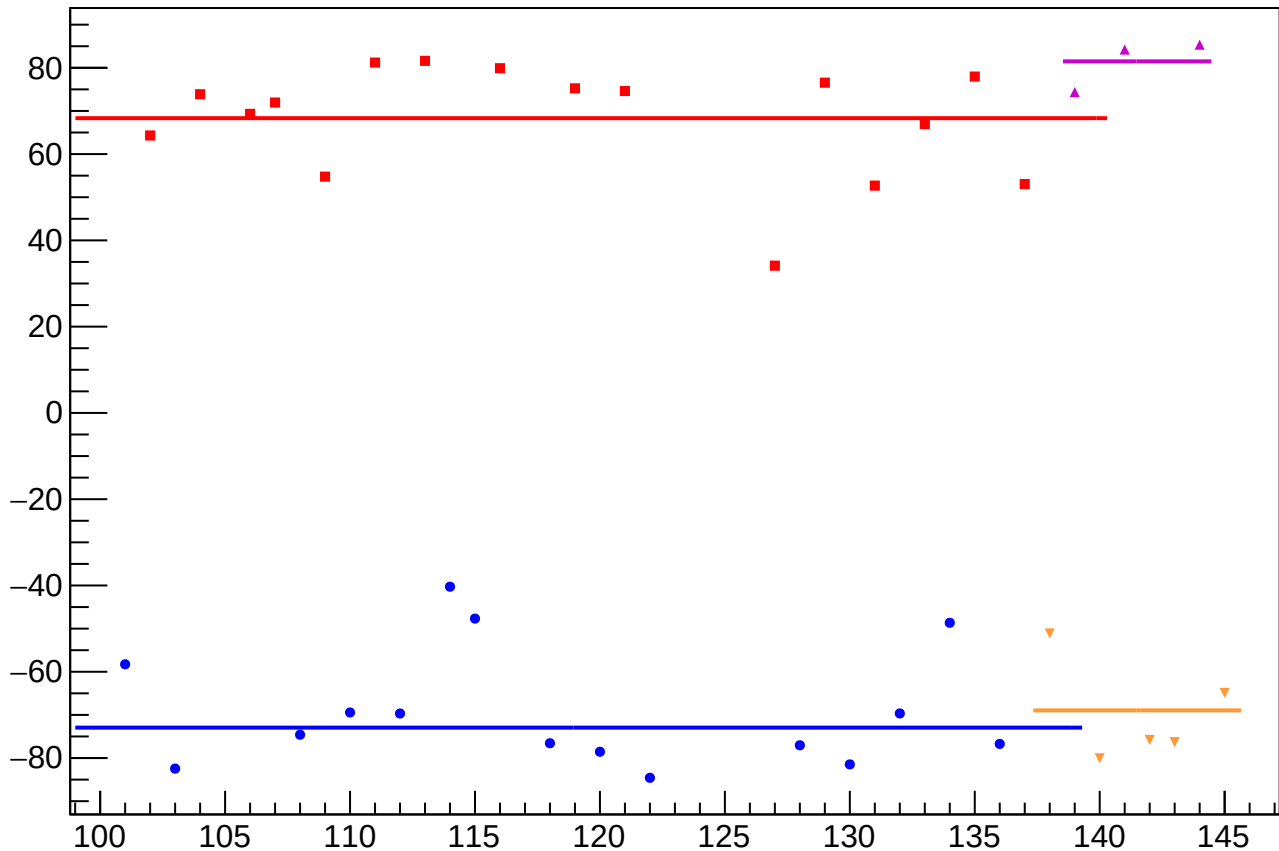
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

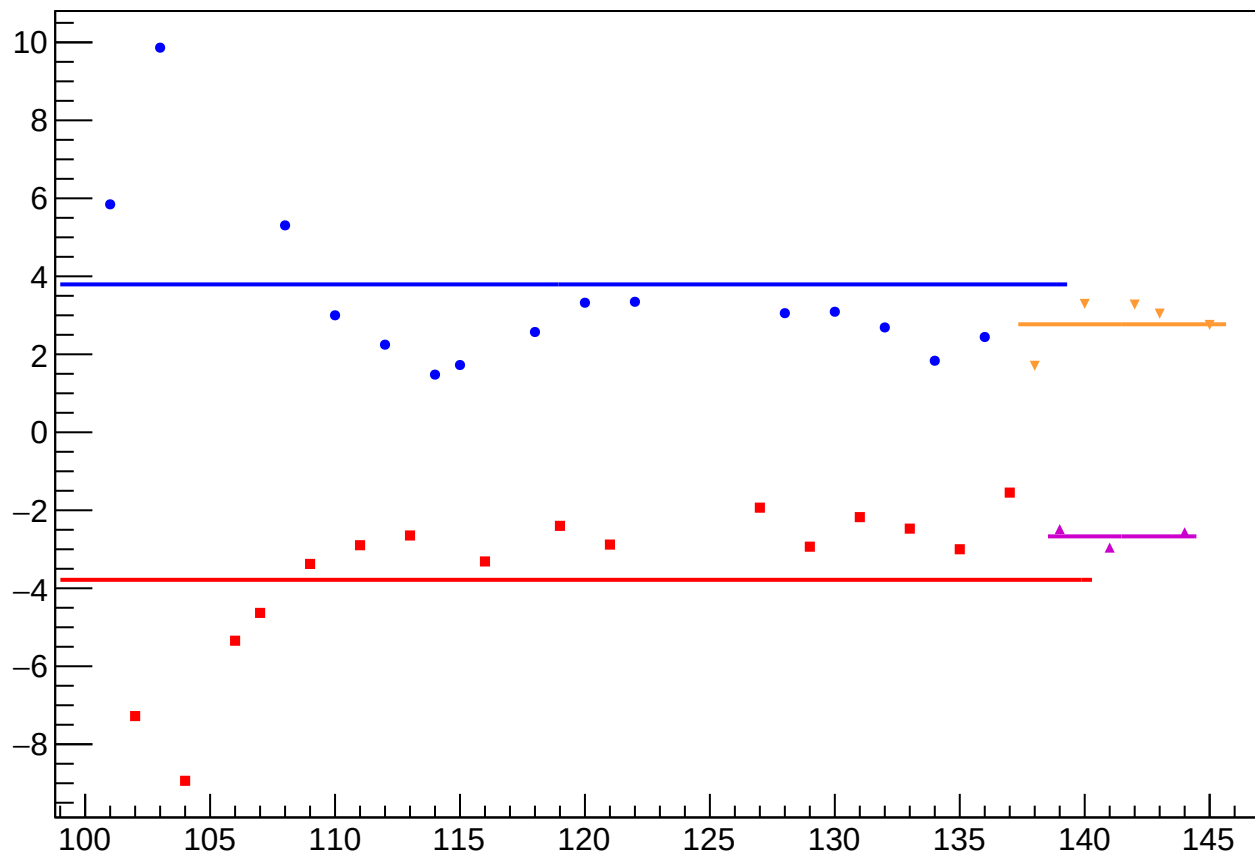
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_11X12X_coil3_mean vs Slug, Sign Corrected



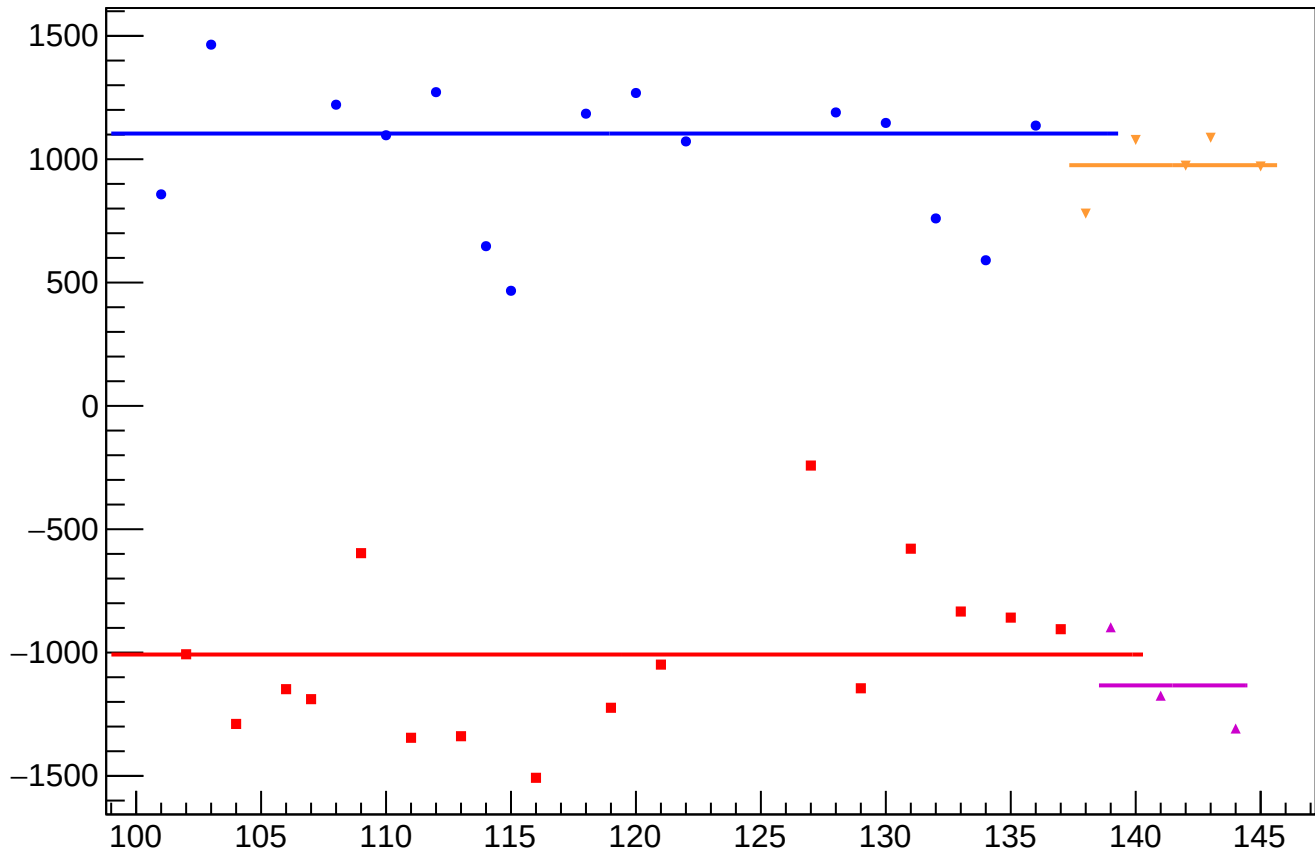
Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14
 Left Out: -68.951+/-0.000 χ^2/NDF : 41996169400094296753471279543091200.0/4
 Right Out: 68.324+/-0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15
 Left In: 81.492+/-0.000 χ^2/NDF : 6082224586466231959034941302374400.0/2

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.770+/-0.000 χ^2/NDF : 127552382916344269197238228484096.0/4
 Right Out: -3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: -2.669+/-0.000 χ^2/NDF : 10831644263831581054405852528640.0/2

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



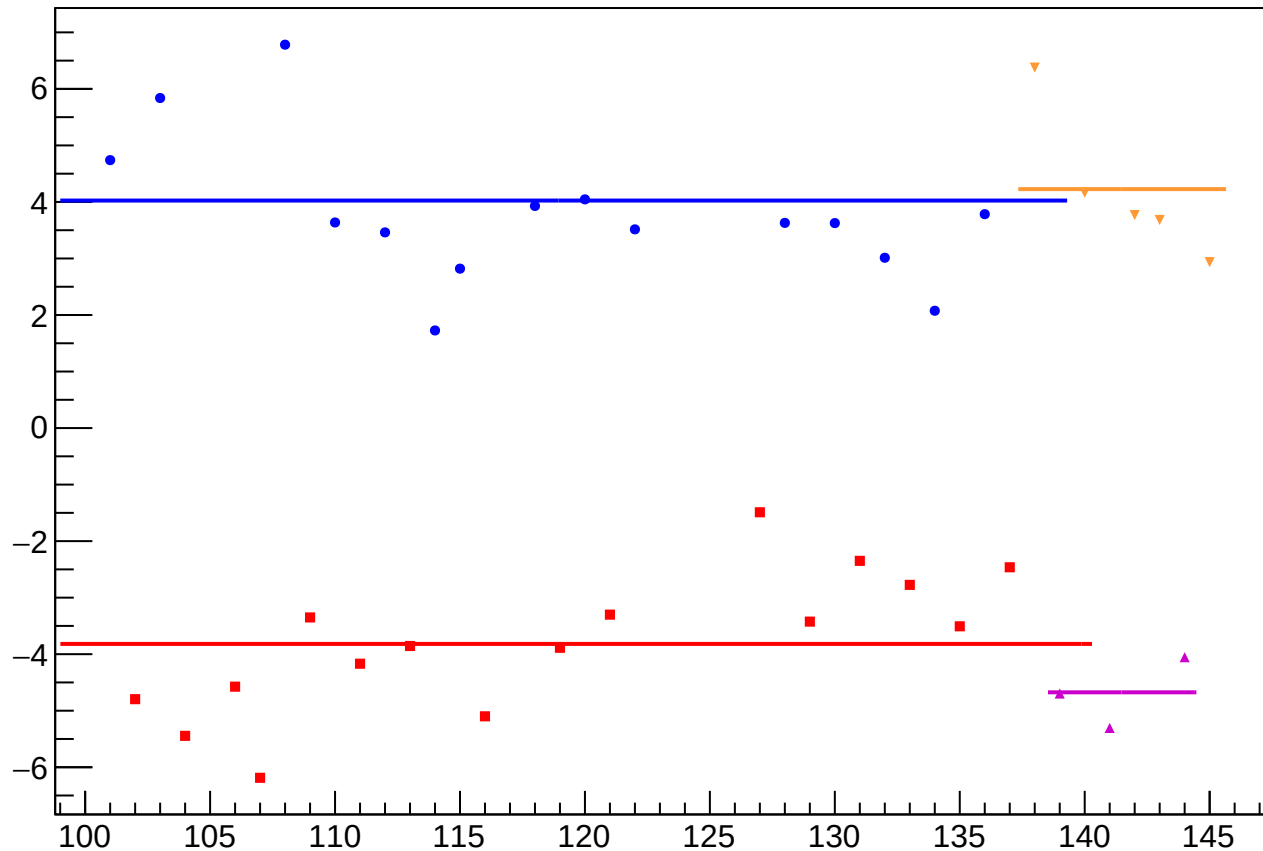
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_4aY_coil3_mean vs Slug, Sign Corrected



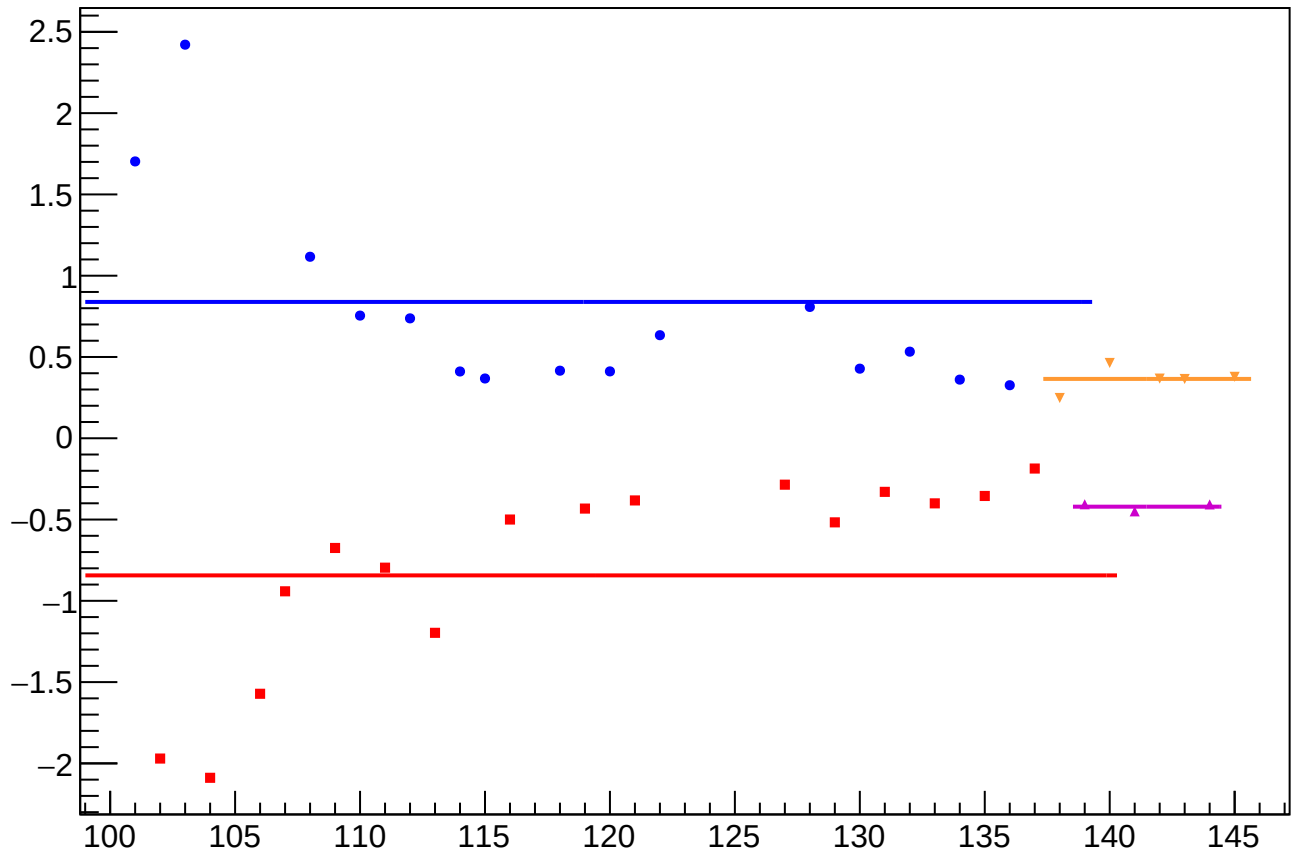
Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.227+/-0.000 χ^2/NDF : 525618472051078932073914692534272.0/4

Right Out: -3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

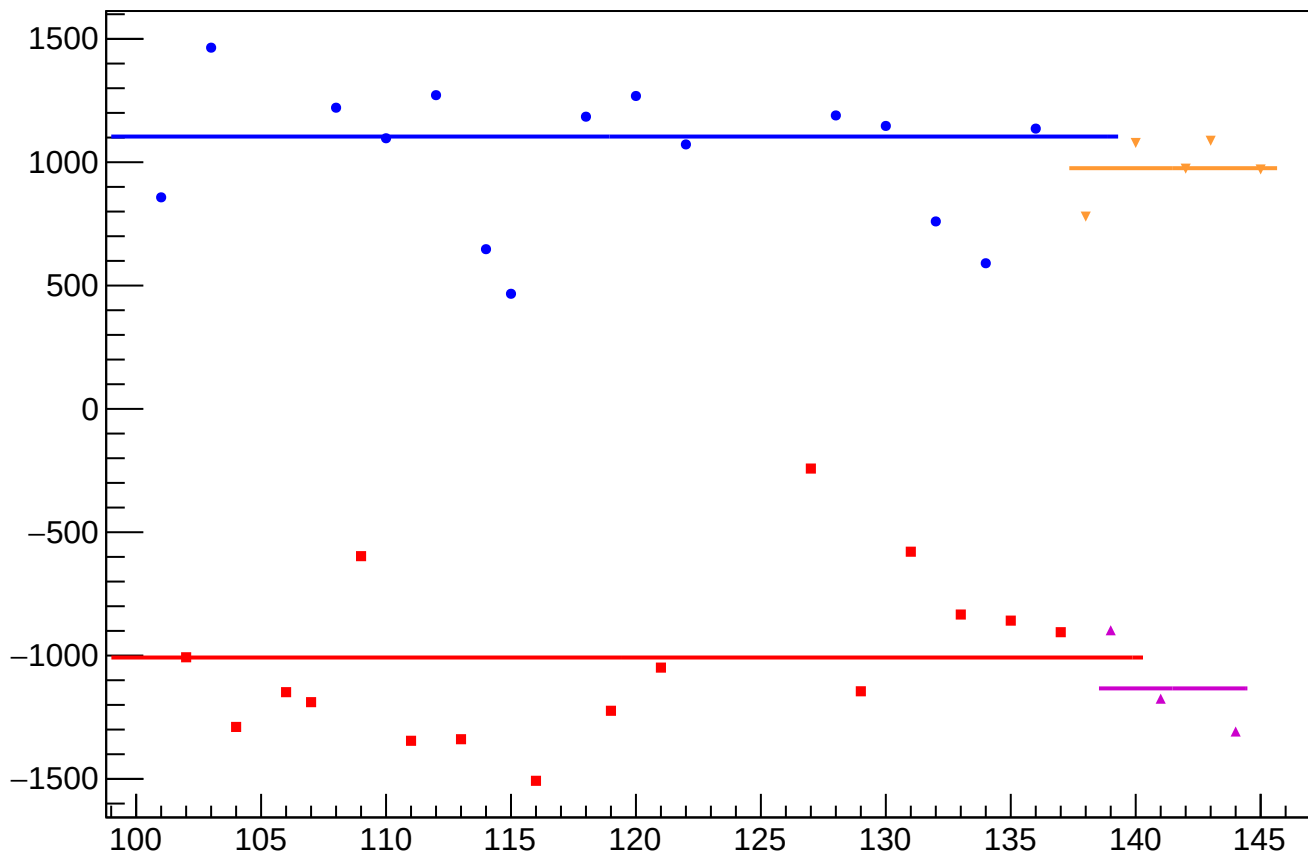
Left In: -4.675+/-0.000 χ^2/NDF : 68109100971542452956070842204160.0/2

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.839 ± 0.000 χ^2/NDF : 258416025334615661521163083841536.0/14
 Left Out: 0.365 ± 0.000 χ^2/NDF : 1876707353227686427595280220160.0/4
 Right Out: -0.844 ± 0.000 χ^2/NDF : 252917509393432760240648918925312.0/15
 Left In: -0.421 ± 0.000 χ^2/NDF : 105063295837015833123747790848.0/2

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



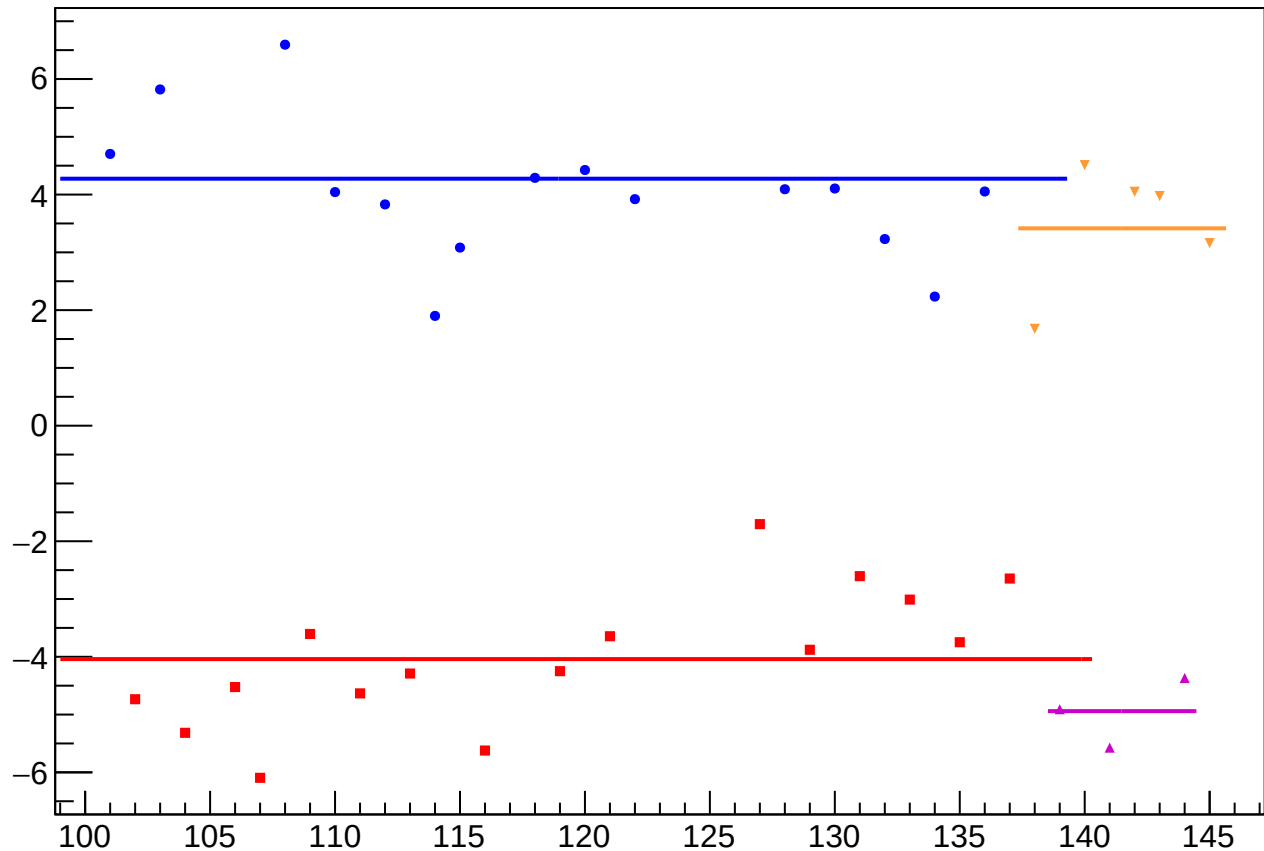
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

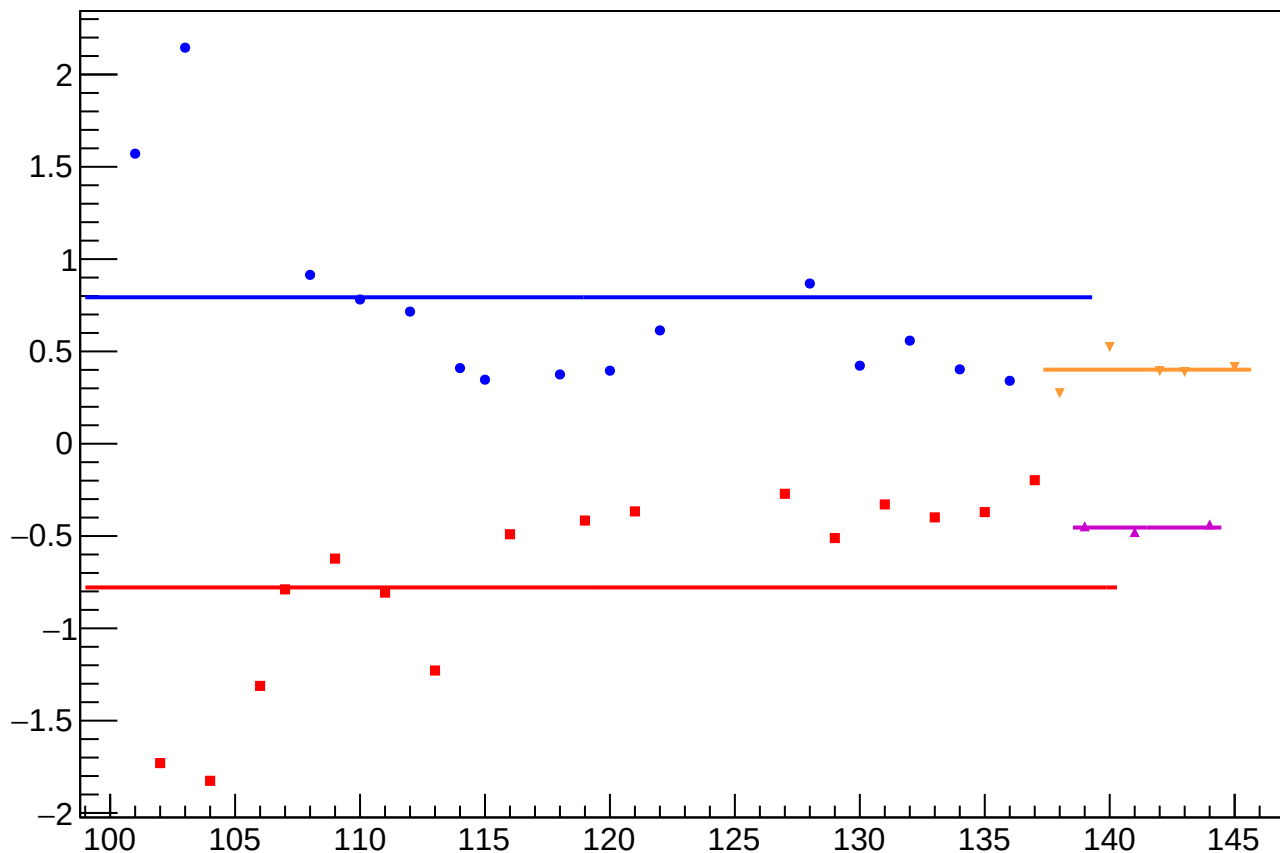
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 4.275 ± 0.000 χ^2/NDF : 597188707898198851792415435522048.0/14
 Left Out: 3.416 ± 0.000 χ^2/NDF : 378607741831811419845695148916736.0/4
 Right Out: -4.039 ± 0.000 χ^2/NDF : 772368848194464324973108765130752.0/15
 Left In: -4.940 ± 0.000 χ^2/NDF : 63296389771153483076531784777728.0/2

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



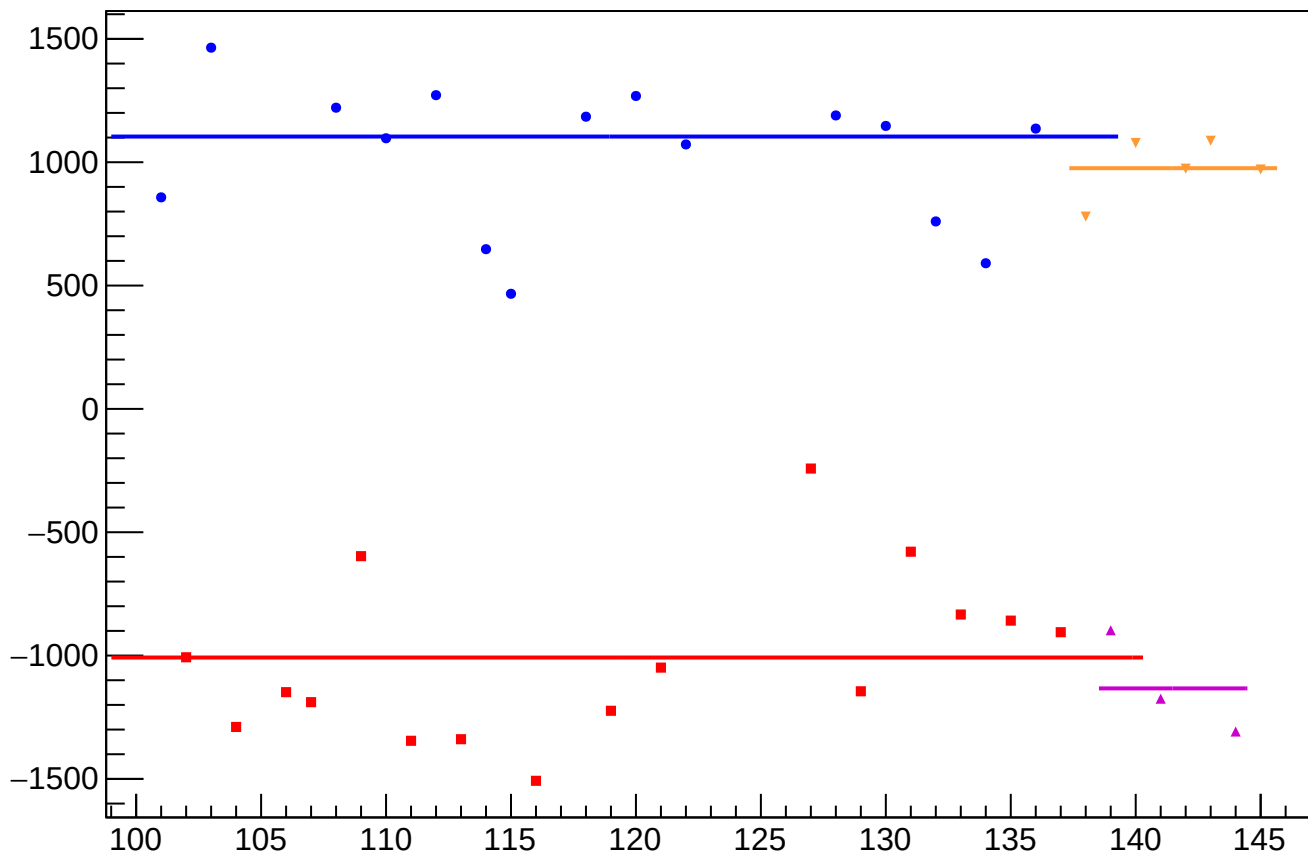
Right In: 0.793+/-0.000 χ^2/NDF : 195508777173589483440314700005376.0/14

Left Out: 0.401+/-0.000 χ^2/NDF : 2530885255191766681155708911616.0/4

Right Out: -0.778+/-0.000 χ^2/NDF : 185814635772183306063903690063872.0/15

Left In: -0.454+/-0.000 χ^2/NDF : 79544892945357800452544004096.0/2

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



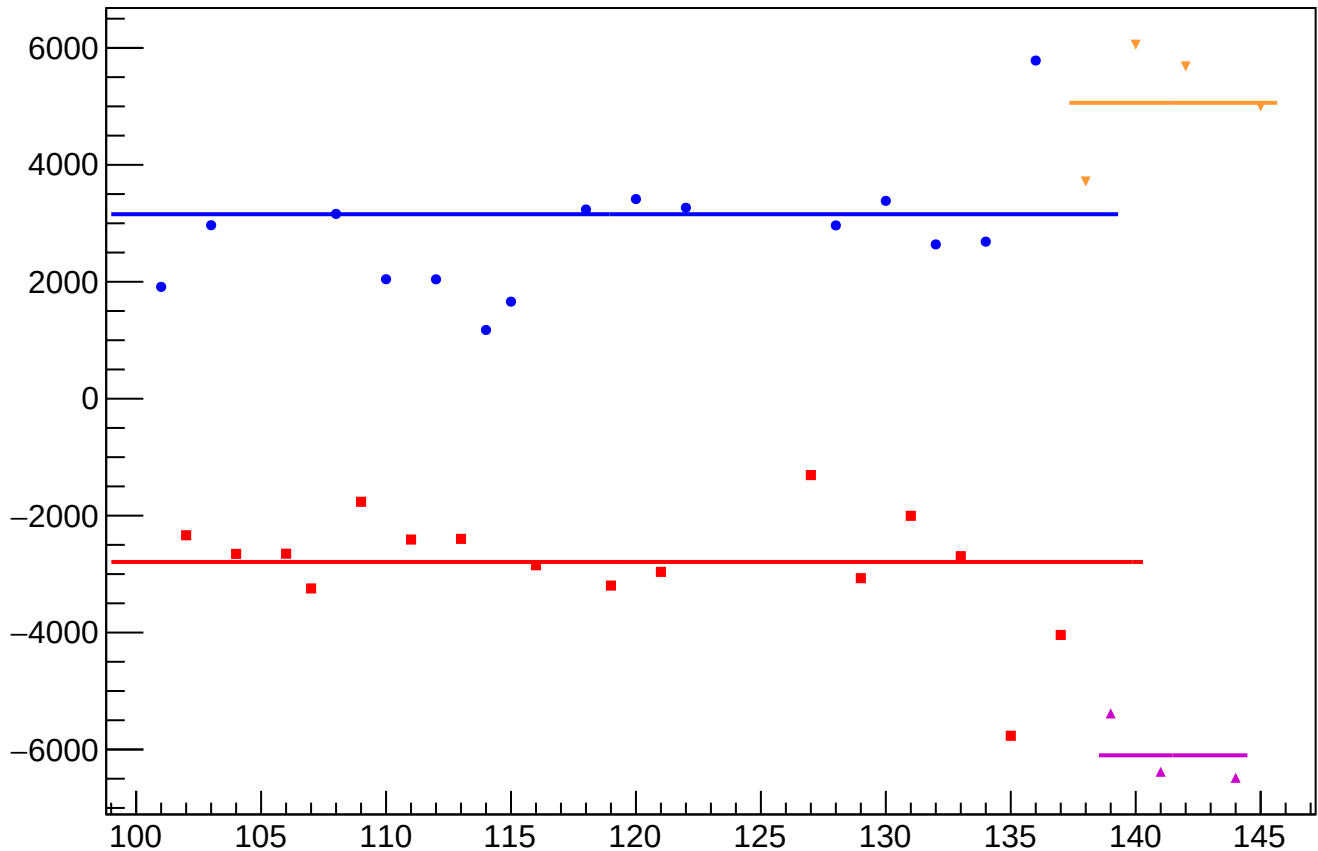
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

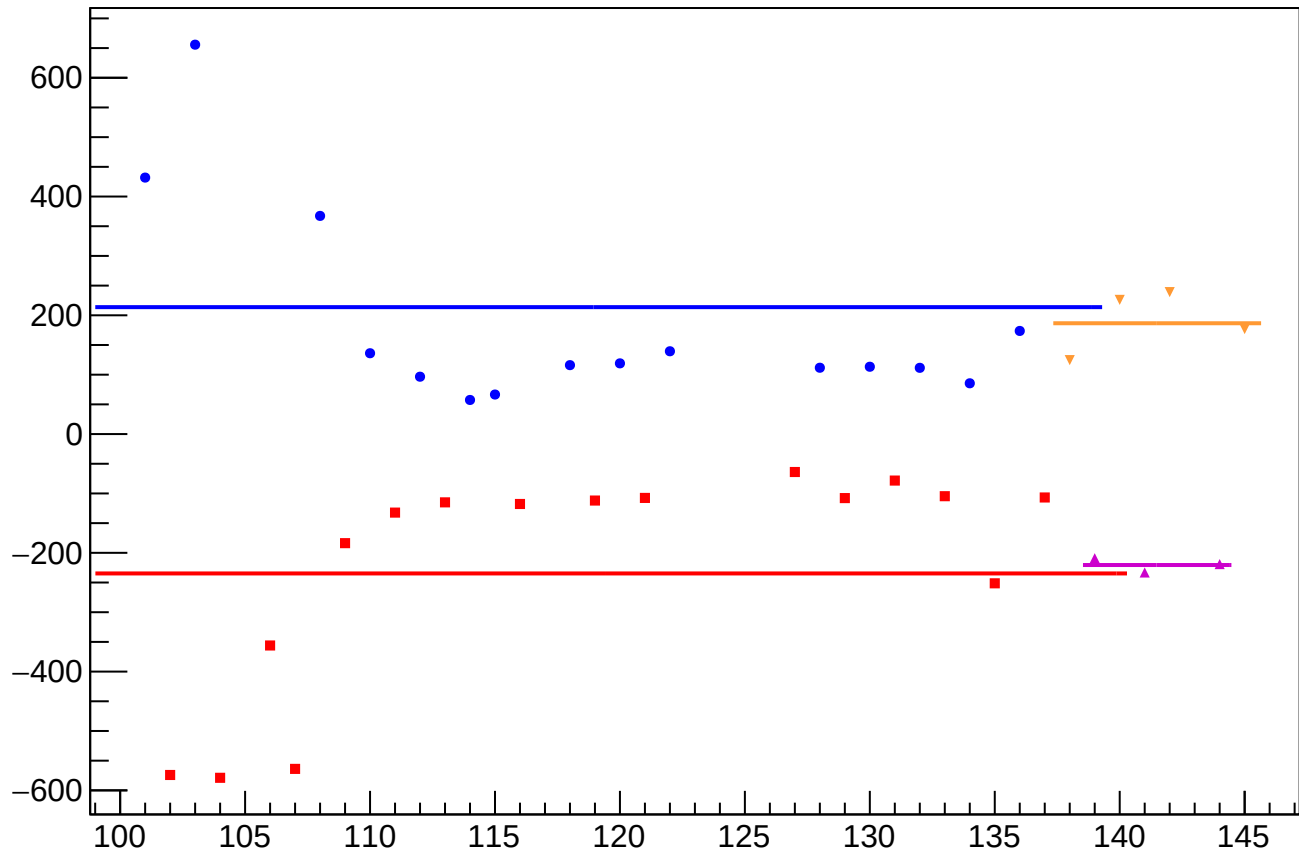
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 5061.186+/-0.000 χ^2/NDF : 240555500718063698415554436170036281344.0/3
 Right Out: -2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: -6099.863+/-0.000 χ^2/NDF : 61487649782263468214130912491875598336.0/2

dit_usl_coil3_err_mean vs Slug, Sign Corrected



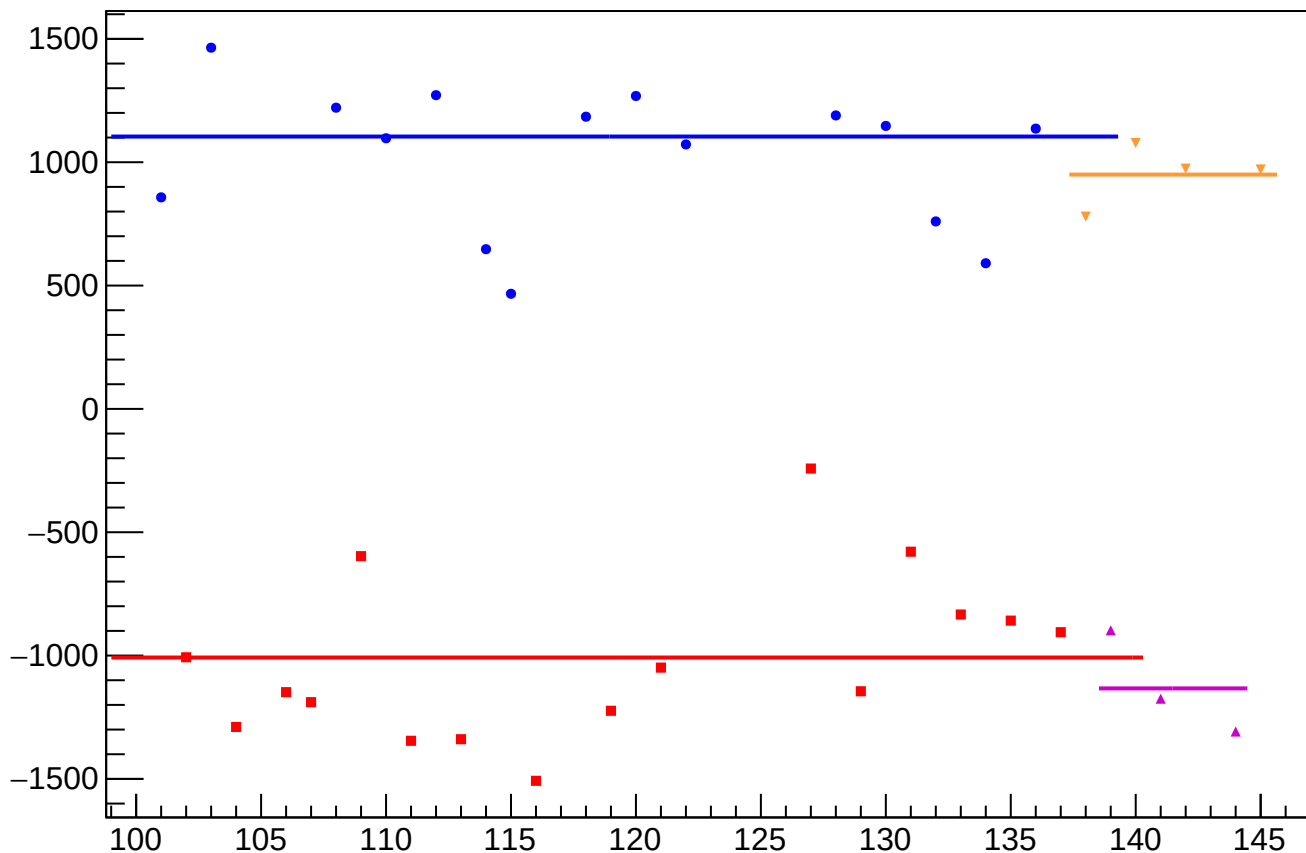
Right In: 213.739 +/- 0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

Left Out: 186.604 +/- 0.000 χ^2/NDF : 562219496211563189622396144228237312.0/3

Right Out: -234.712 +/- 0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

Left In: -220.527 +/- 0.000 χ^2/NDF : 24276702648851162069893258227482624.0/2

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



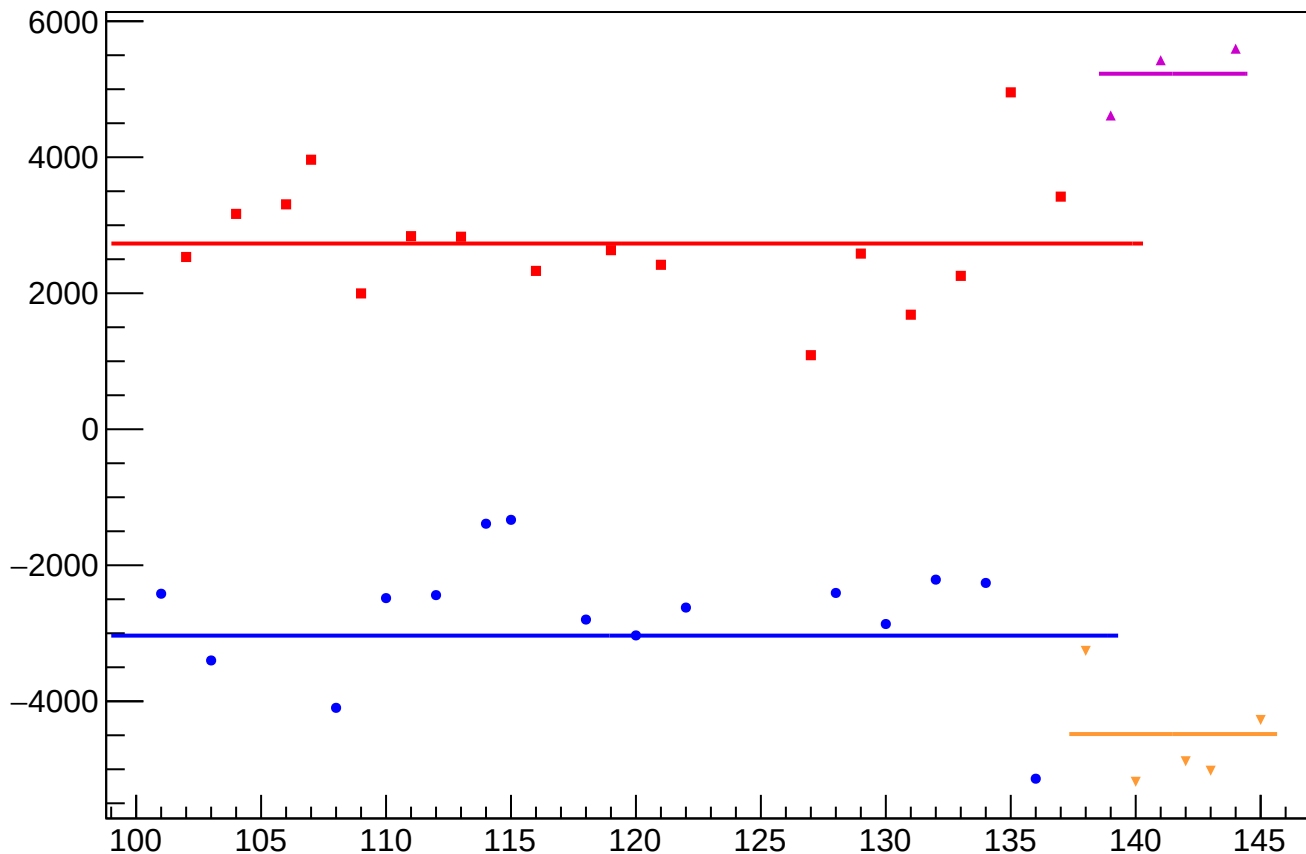
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 949.885+/-0.000 χ^2/NDF : 3672940532948396607166967250486820864.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

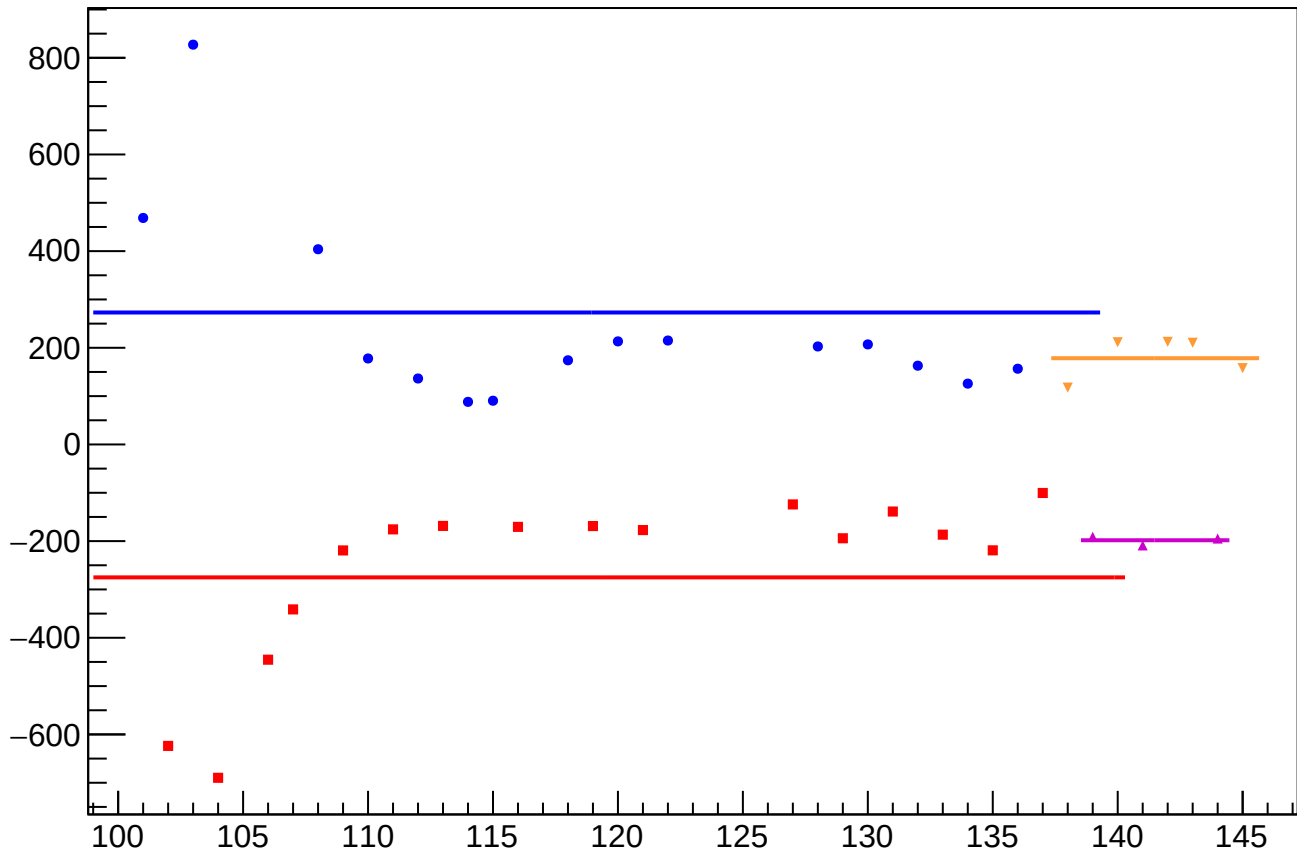
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527 ± 0.000 $\chi^2/\text{NDF}: 630694553353463868547335175090919702528.0/14$
 Left Out: -4481.955 ± 0.000 $\chi^2/\text{NDF}: 187395755497038019982874138885364908032.0/4$
 Right Out: 2731.035 ± 0.000 $\chi^2/\text{NDF}: 528290847703567991555694629239211950080.0/15$
 Left In: 5227.843 ± 0.000 $\chi^2/\text{NDF}: 45939162871072318873295748589722533888.0/2$

dit_usr_coil3_err_mean vs Slug, Sign Corrected



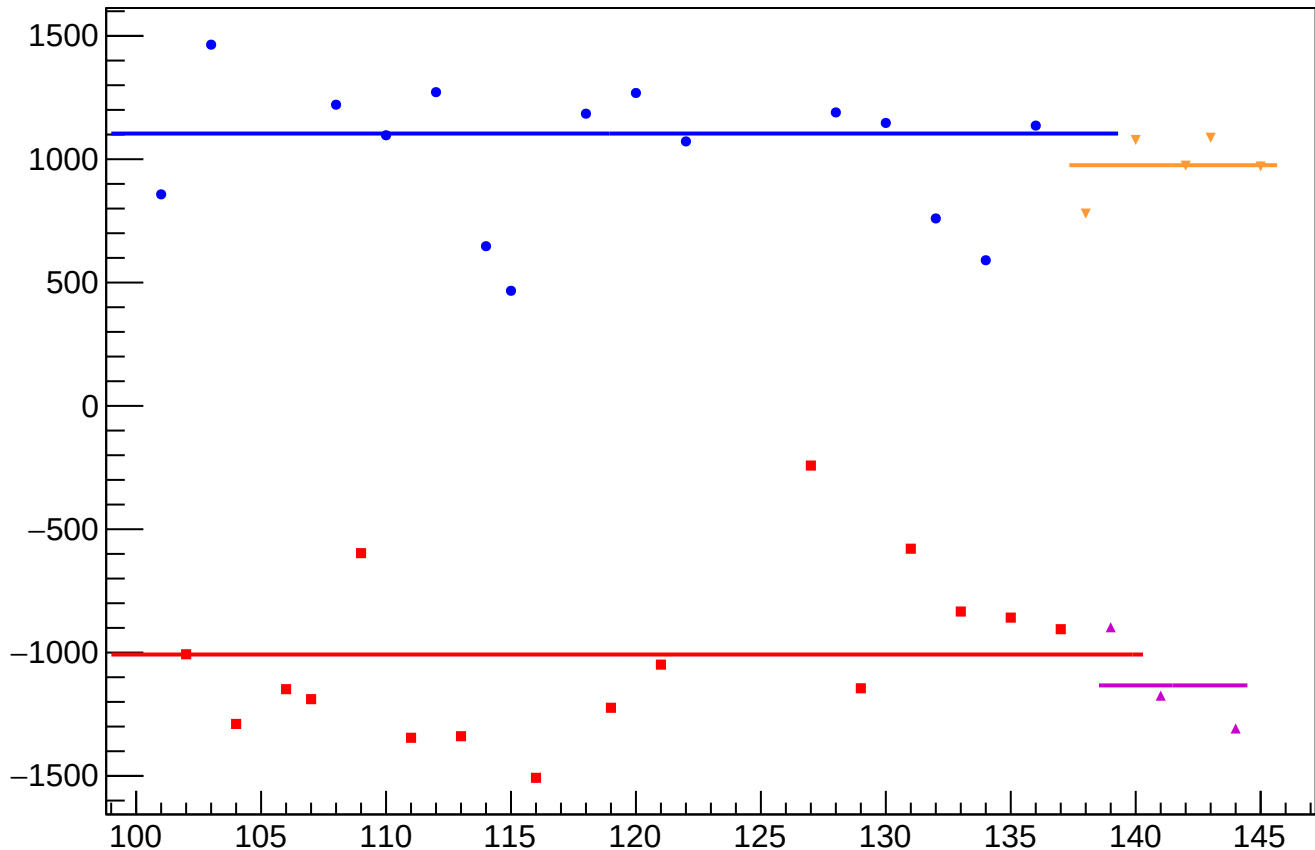
Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 178.444+/-0.000 χ^2/NDF : 533995316441932184330865793747124224.0/4

Right Out: -275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

Left In: -198.228+/-0.000 χ^2/NDF : 15016232479391288333601311861768192.0/2

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



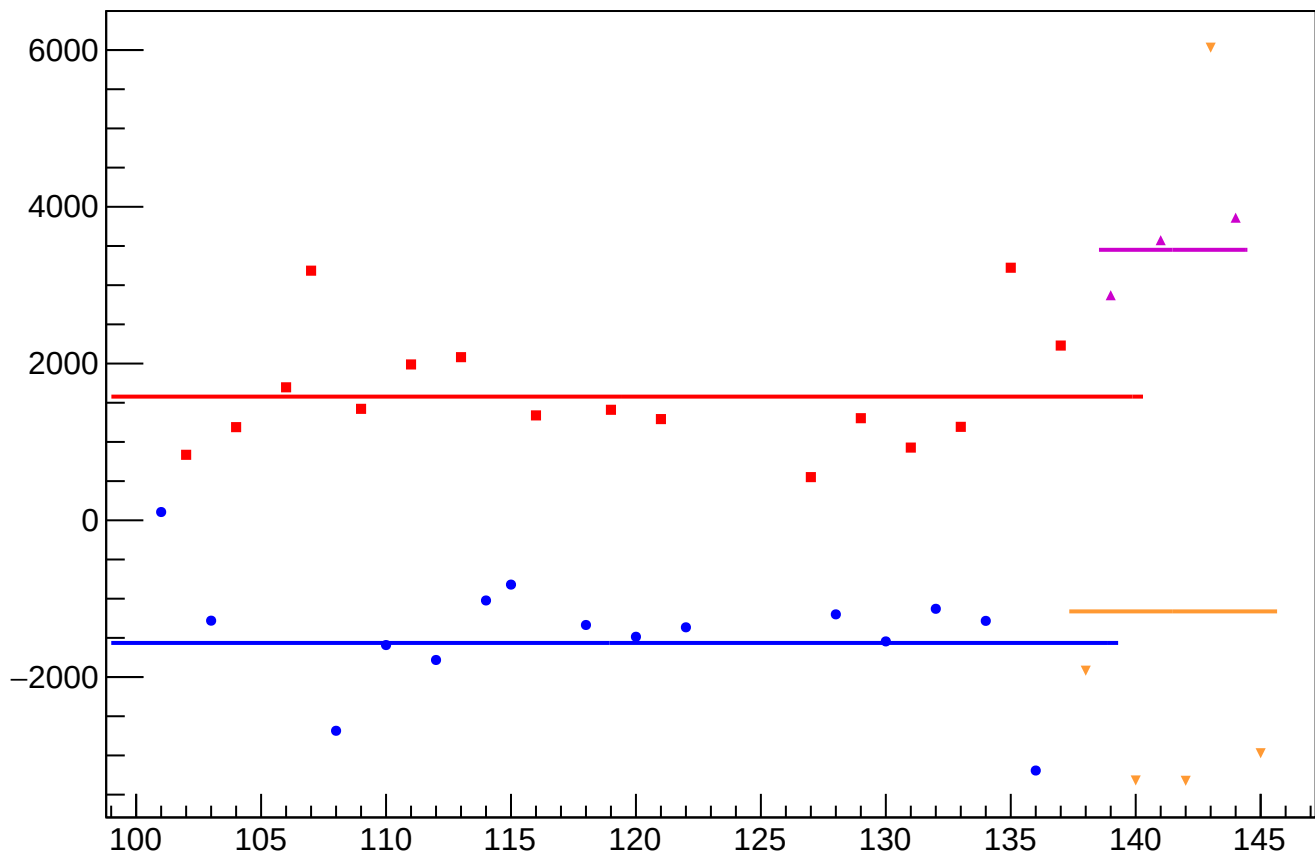
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

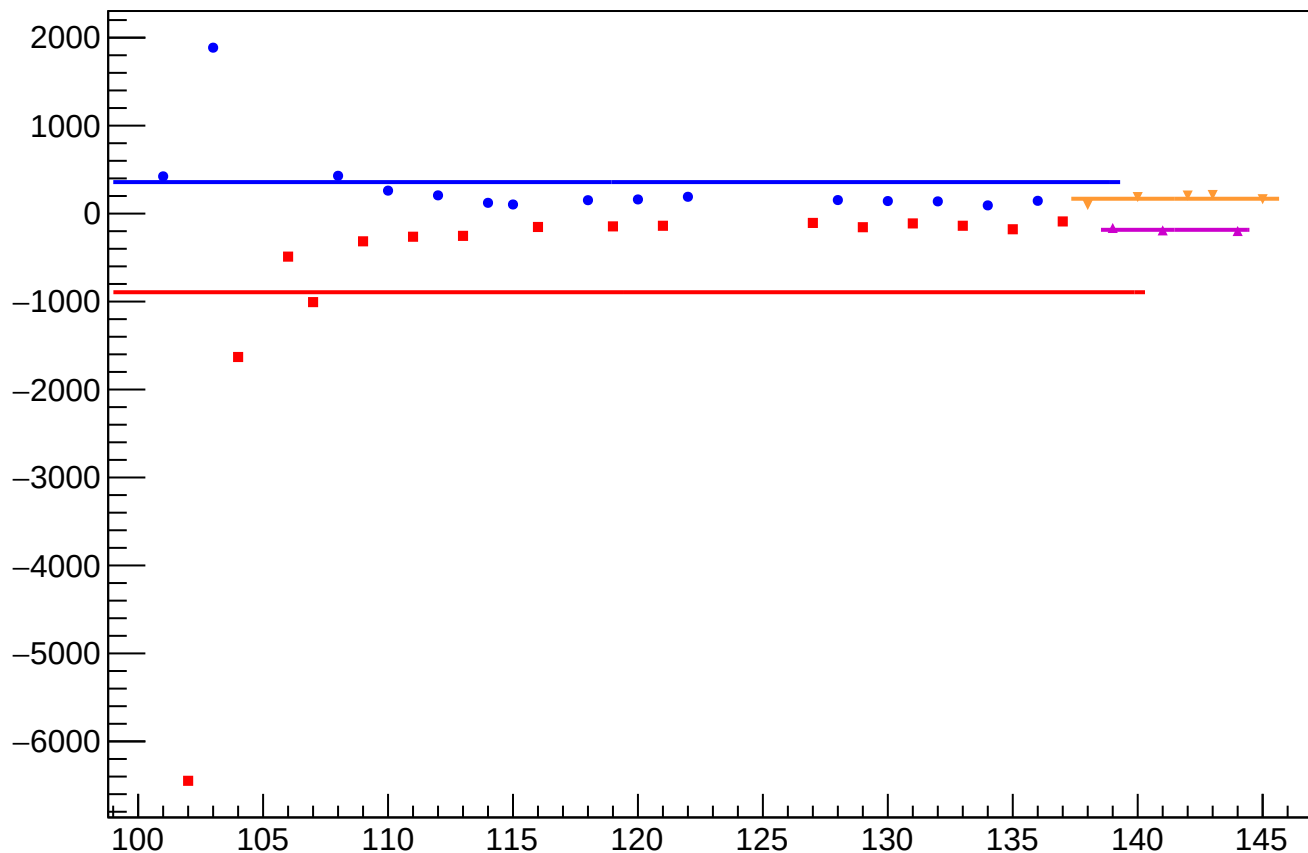
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595 ± 0.000 $\chi^2/\text{NDF}: 483874800978571042578975757029039144960.0/14$
 Left Out: -1162.250 ± 0.000 $\chi^2/\text{NDF}: 4372446804700385567182062230985513107456.0/4$
 Right Out: 1578.178 ± 0.000 $\chi^2/\text{NDF}: 368450572556217564071963203581098590208.0/15$
 Left In: 3451.219 ± 0.000 $\chi^2/\text{NDF}: 43435661866063729938716289206652502016.0/2$

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



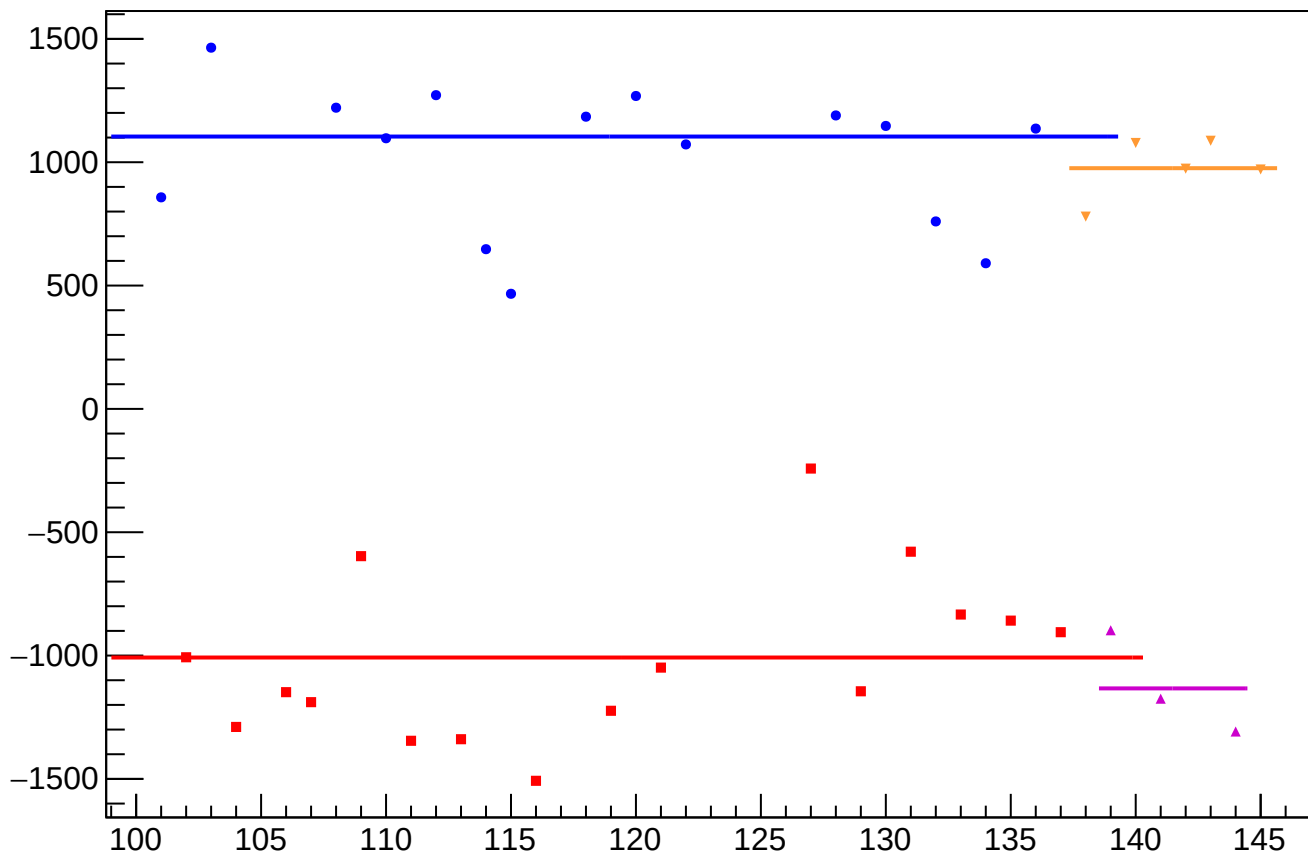
Right In: 358.080 +/- 0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 168.855 +/- 0.000 χ^2/NDF : 612492705254103471581970674825035776.0/4

Right Out: -893.897 +/- 0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: -184.463 +/- 0.000 χ^2/NDF : 56156646344883469944358917799673856.0/2

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



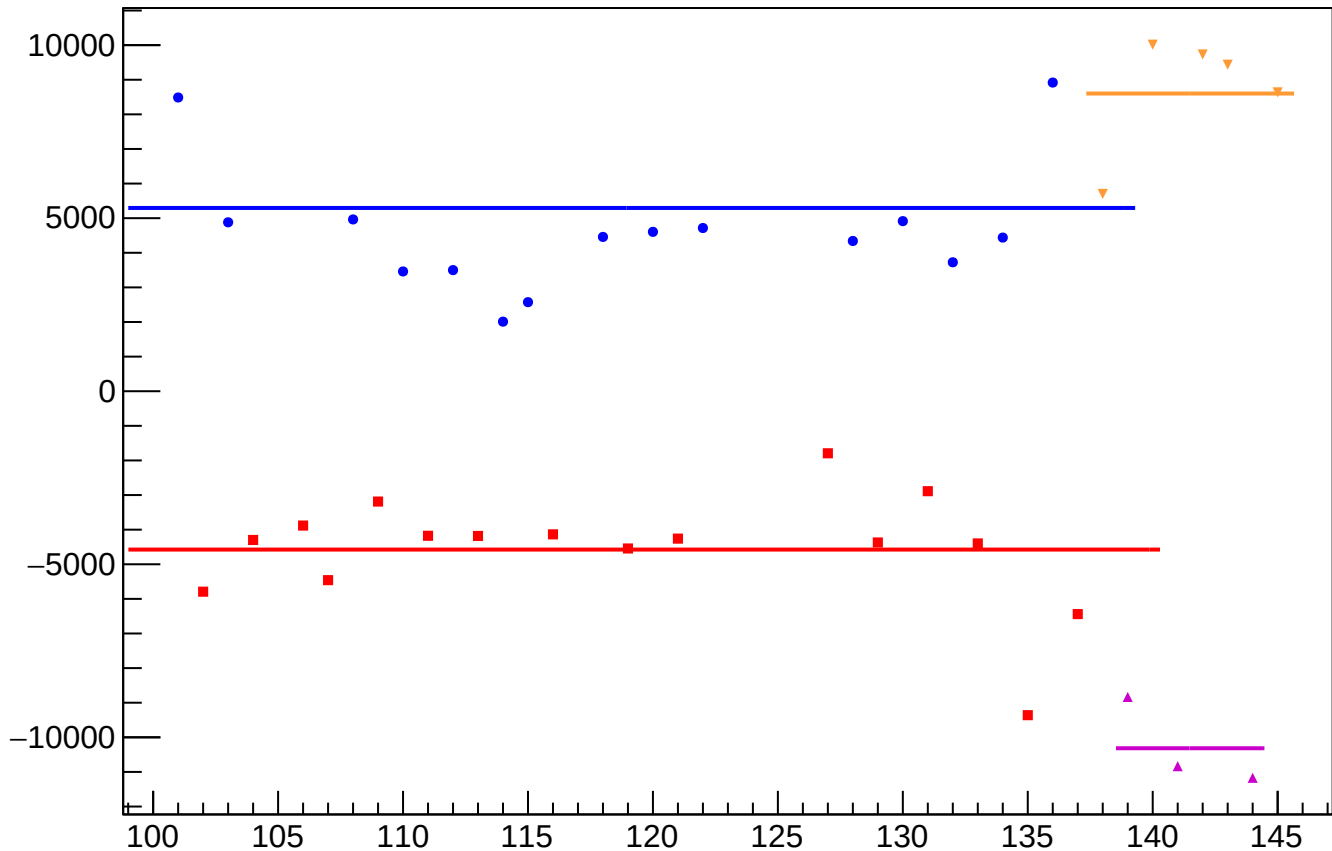
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

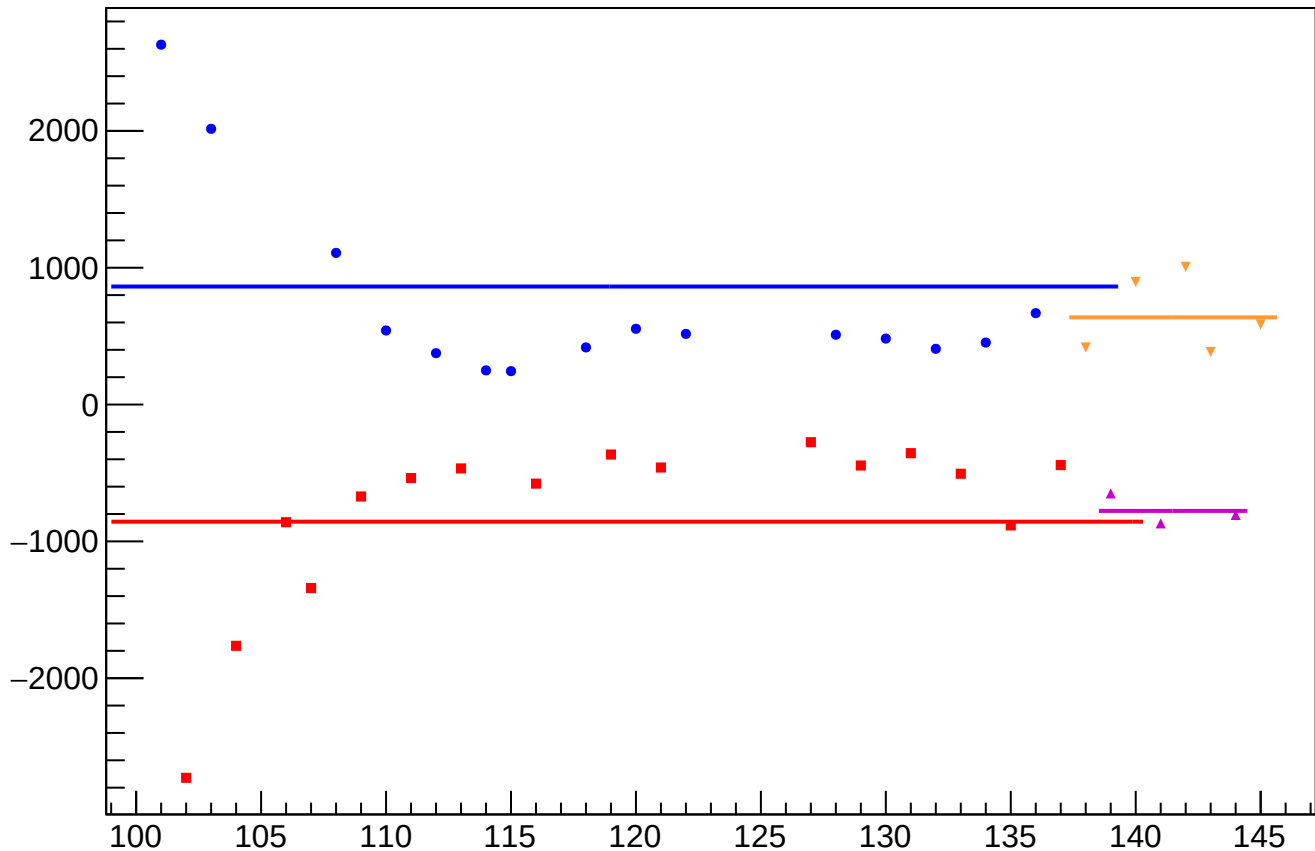
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 8601.618 $\pm$ 0.000 χ^2 /NDF: 925120105436813422451790514068754792448.0/4
 Right Out: -4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: -10315.858 $\pm$ 0.000 χ^2 /NDF: 265750840232418679720145914223617114112.0/2

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



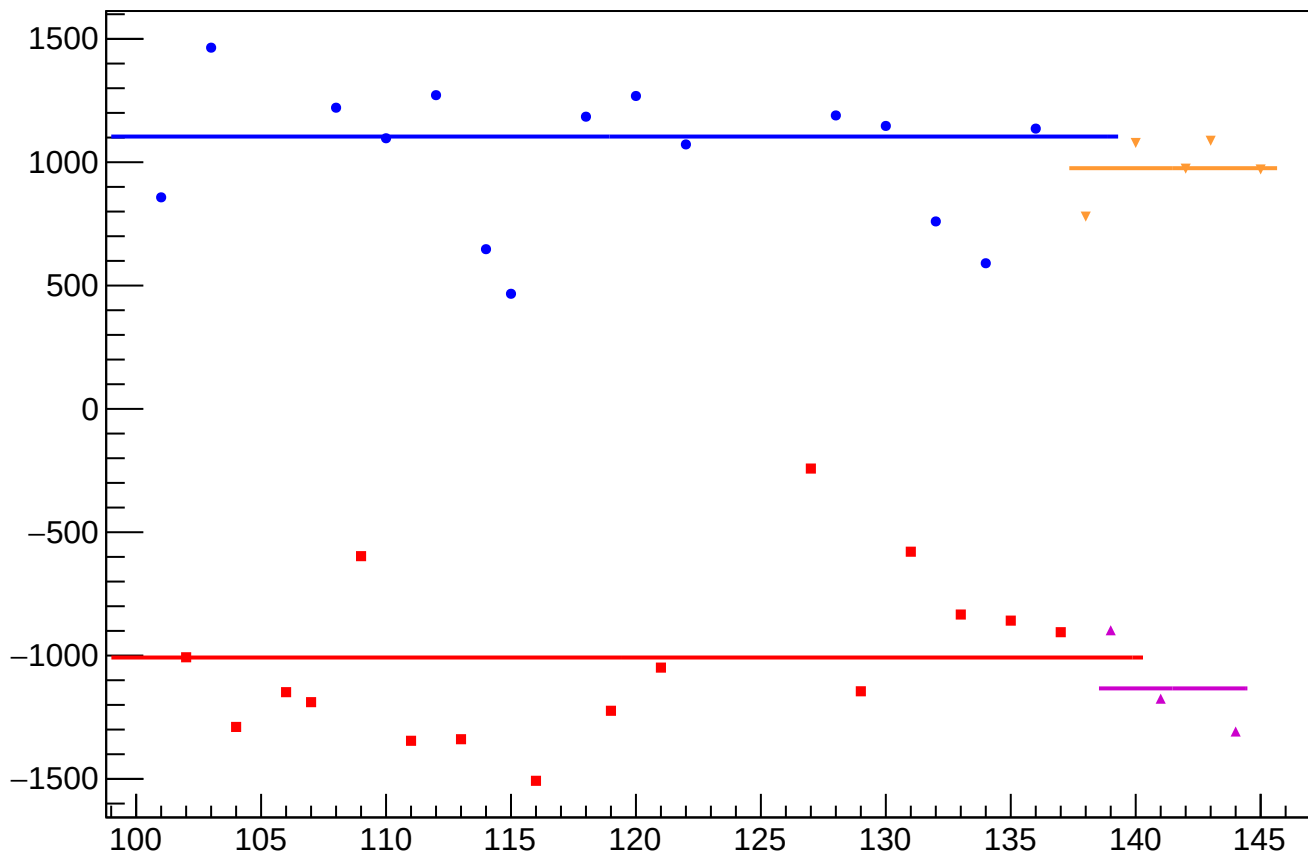
Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 637.269+/-0.000 χ^2/NDF : 20042011777023173585586269034553278464.0/4

Right Out: -856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

Left In: -777.302+/-0.000 χ^2/NDF : 2103706258136864462788887698915459072.0/2

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



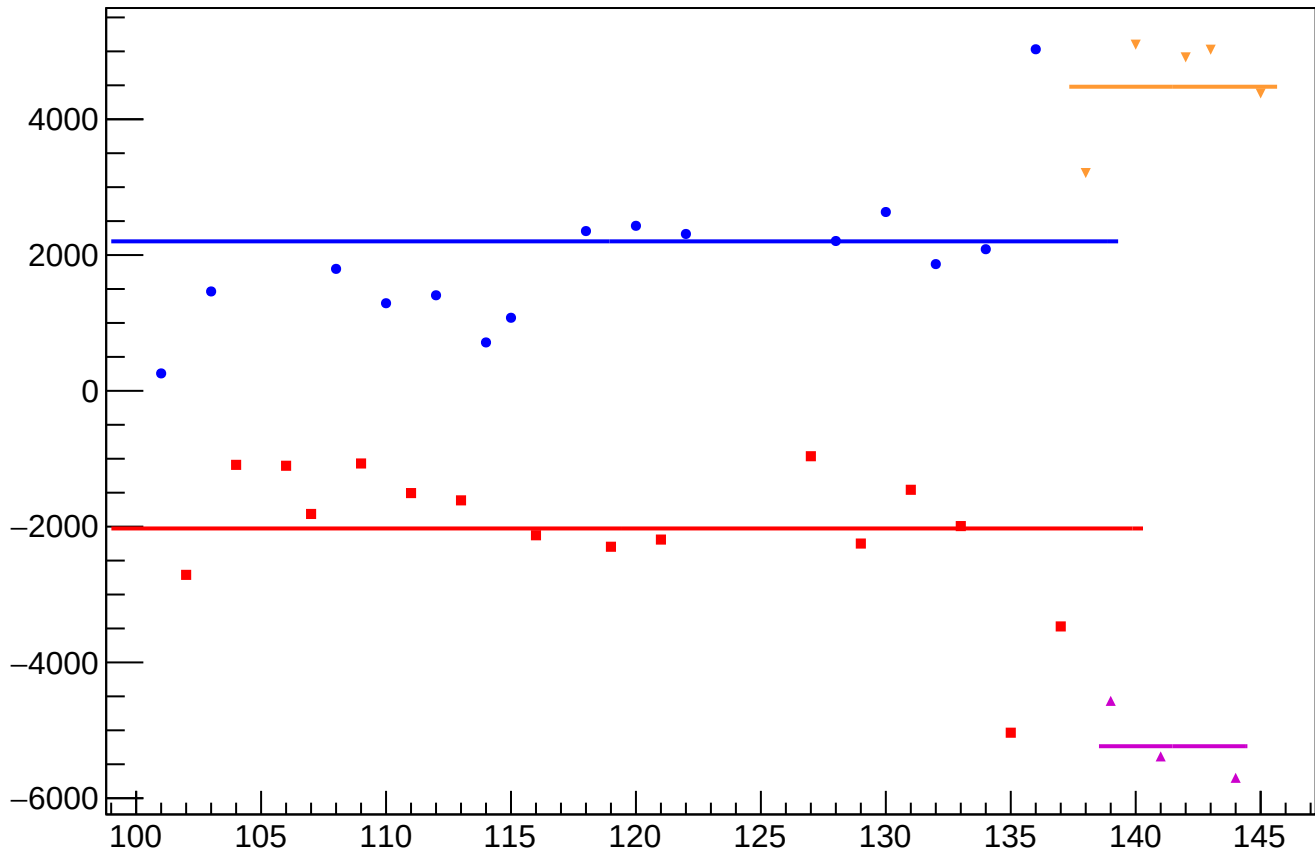
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

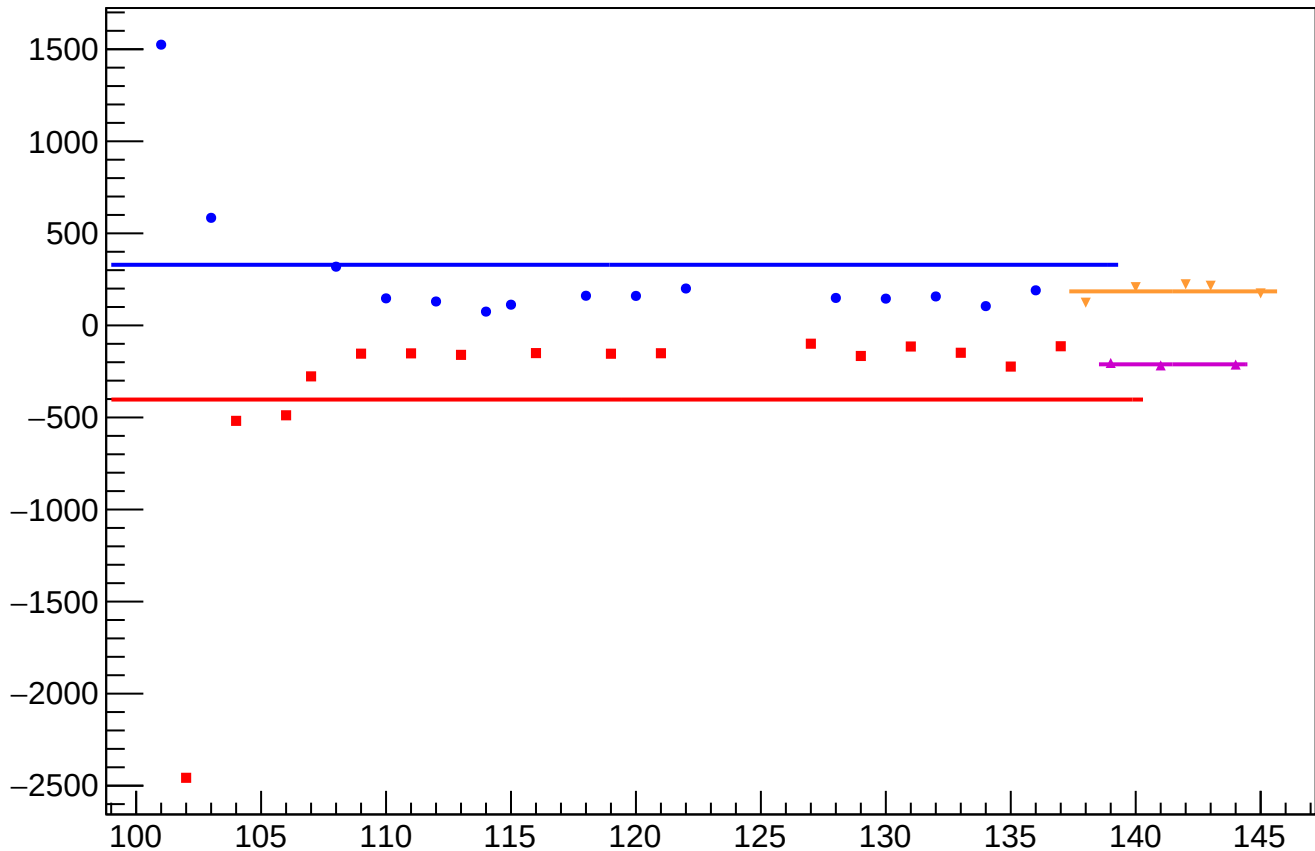
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_atr1_coil3_mean vs Slug, Sign Corrected



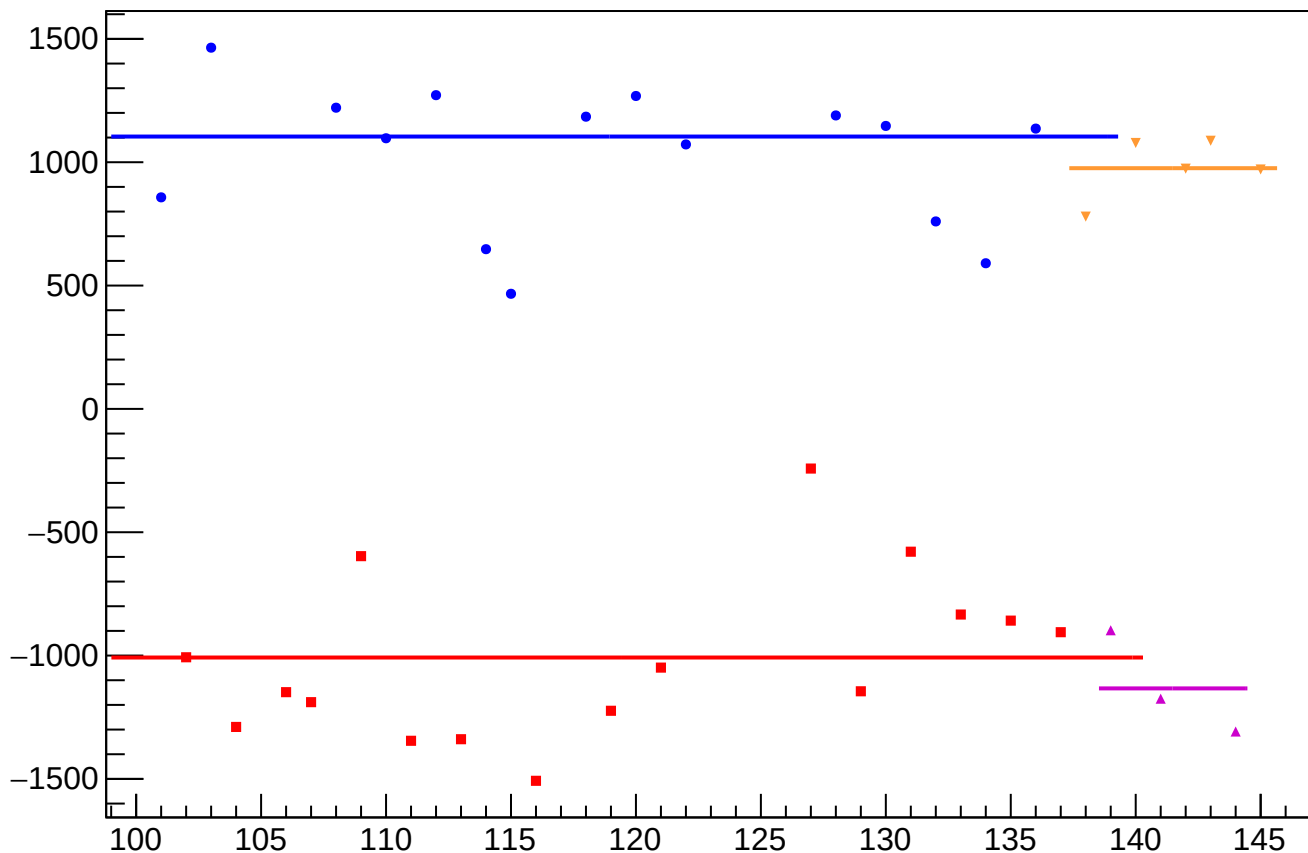
Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 4479.305+/-0.000 χ^2/NDF : 186875729154402111719032745623971430400.0/4
 Right Out: -2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: -5234.277+/-0.000 χ^2/NDF : 57335319115753934077222266472622981120.0/2

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14
 Left Out: 184.848+/-0.000 χ^2/NDF : 478068231050315580872099895644782592.0/4
 Right Out: -402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15
 Left In: -211.386+/-0.000 χ^2/NDF : 7650416775217898413900901105270784.0/2

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



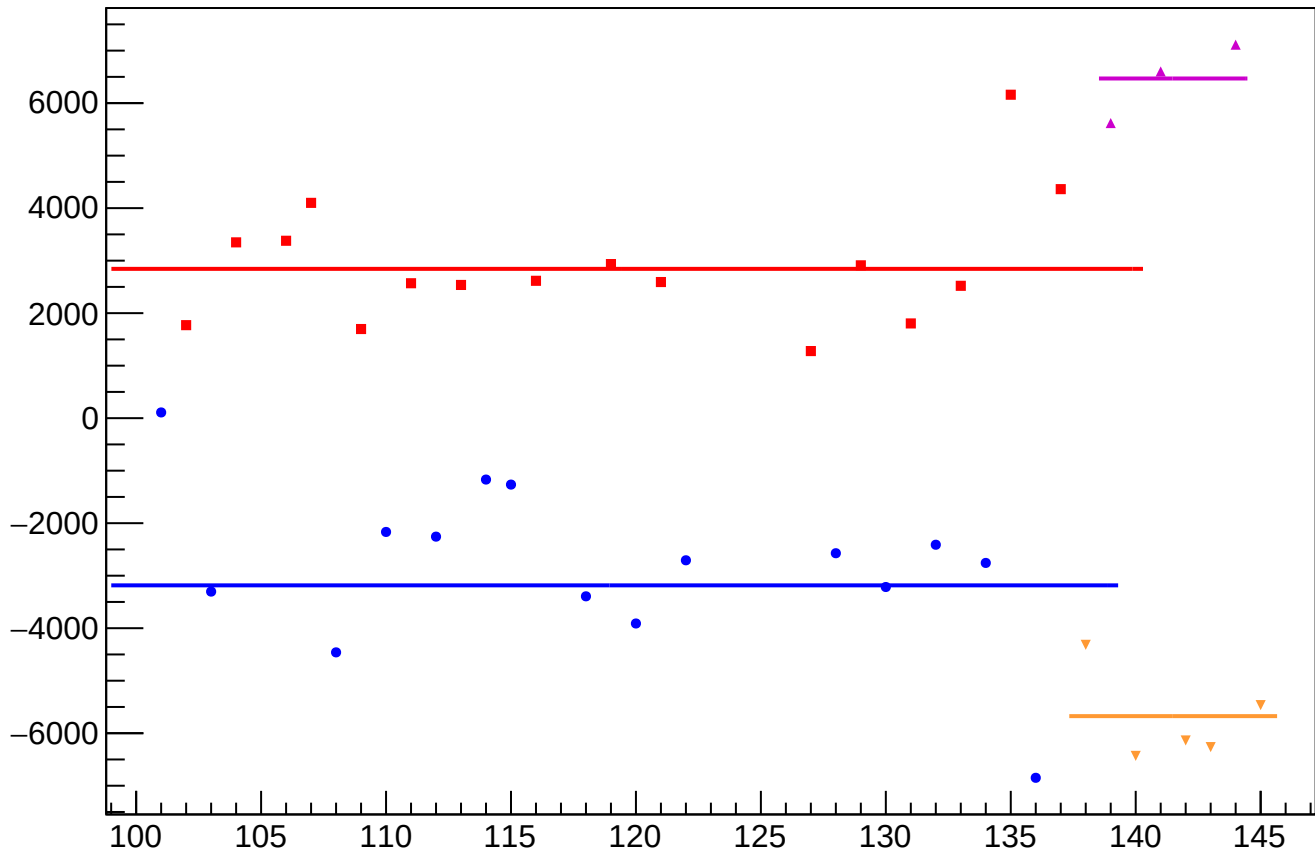
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

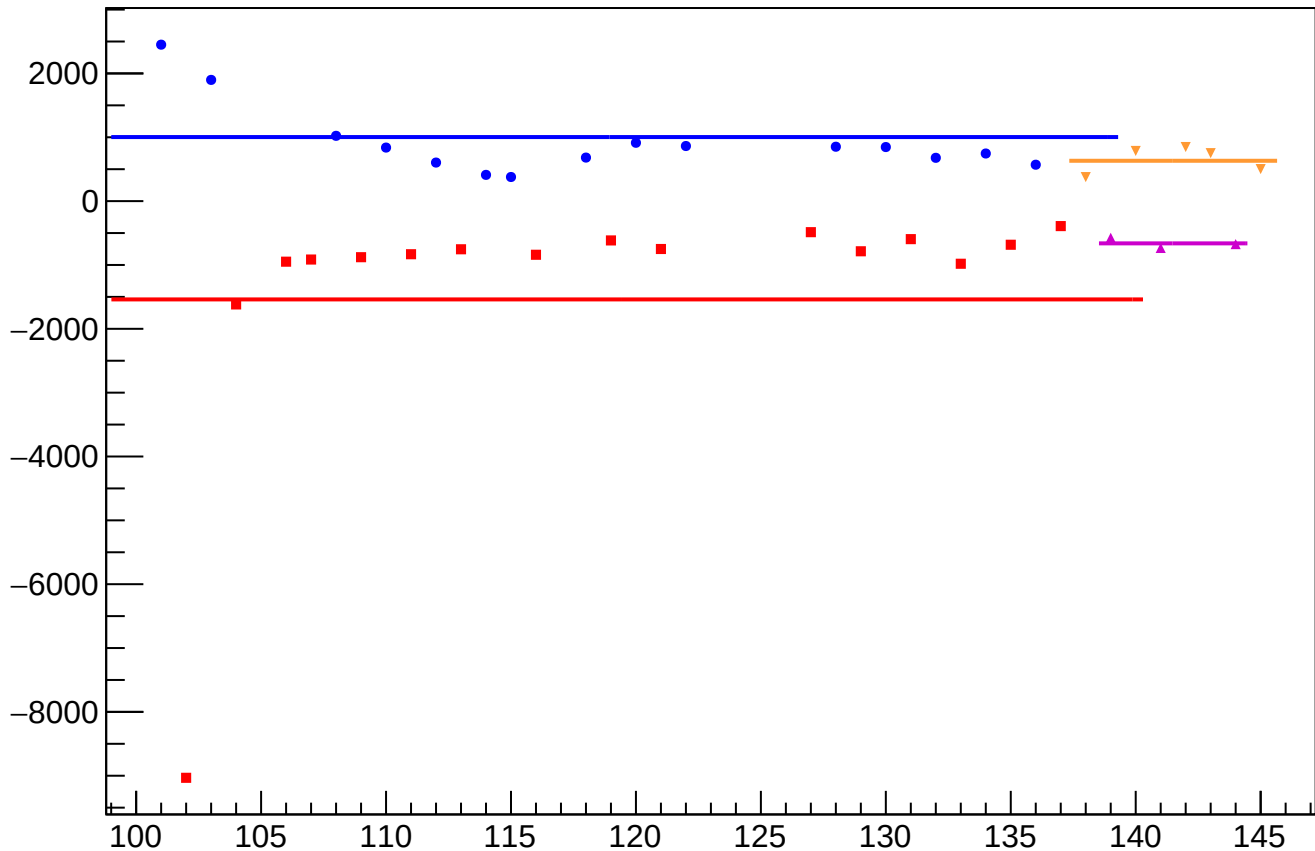
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_atr2_coil3_mean vs Slug, Sign Corrected



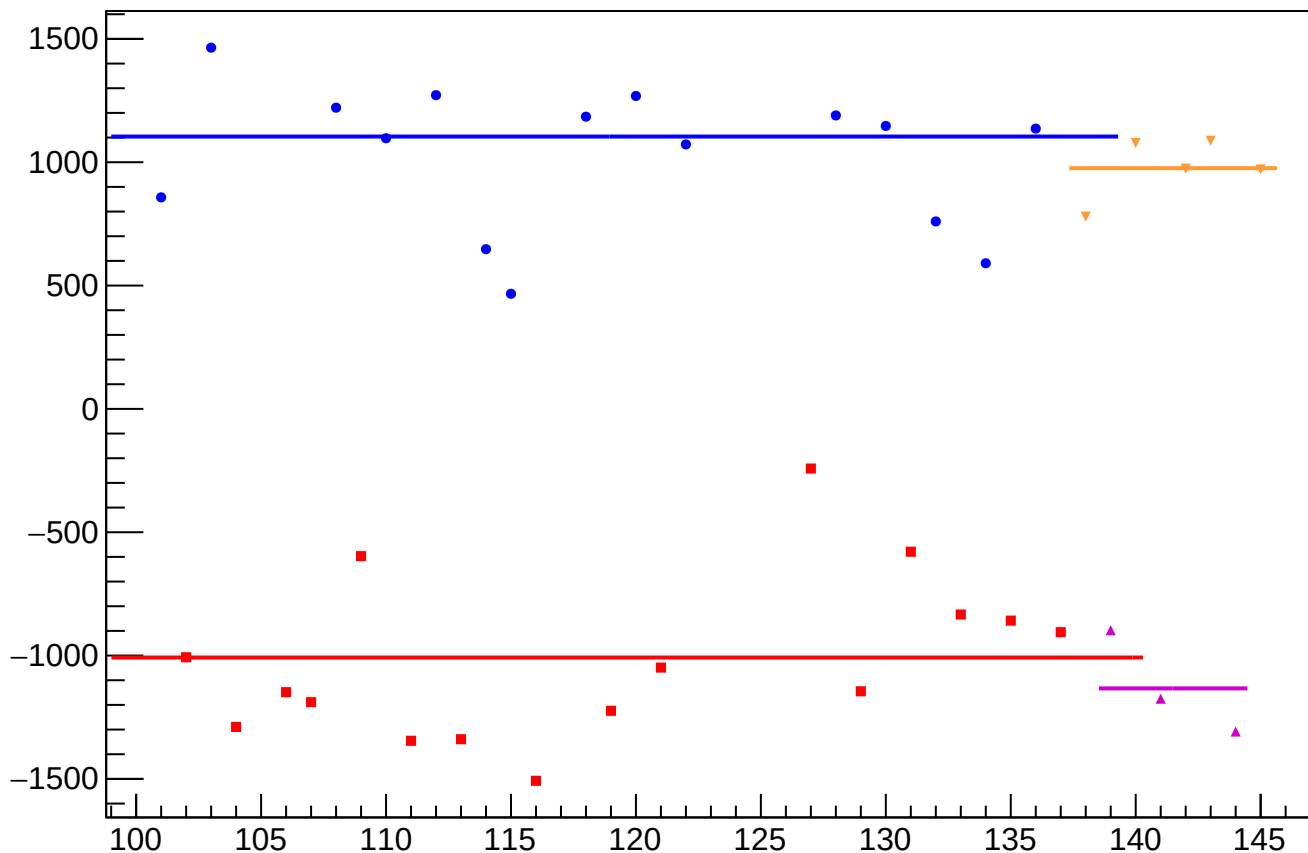
Right In: -3183.928 ± 0.000 $\chi^2/\text{NDF}: 2134923281384422537296044119642733543424.0/14$
 Left Out: -5674.660 ± 0.000 $\chi^2/\text{NDF}: 227607695980143022391418223279669772288.0/4$
 Right Out: 2843.597 ± 0.000 $\chi^2/\text{NDF}: 947077611563723244705531091944015396864.0/15$
 Left In: 6469.026 ± 0.000 $\chi^2/\text{NDF}: 96793201065255186761462882434354774016.0/2$

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 1003.407 ± 0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 632.006 ± 0.000 χ^2/NDF : 11507188099906378452207765449015820288.0/4
 Right Out: -1539.568 ± 0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: -661.718 ± 0.000 χ^2/NDF : 1075732279748122261073408936690843648.0/2

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



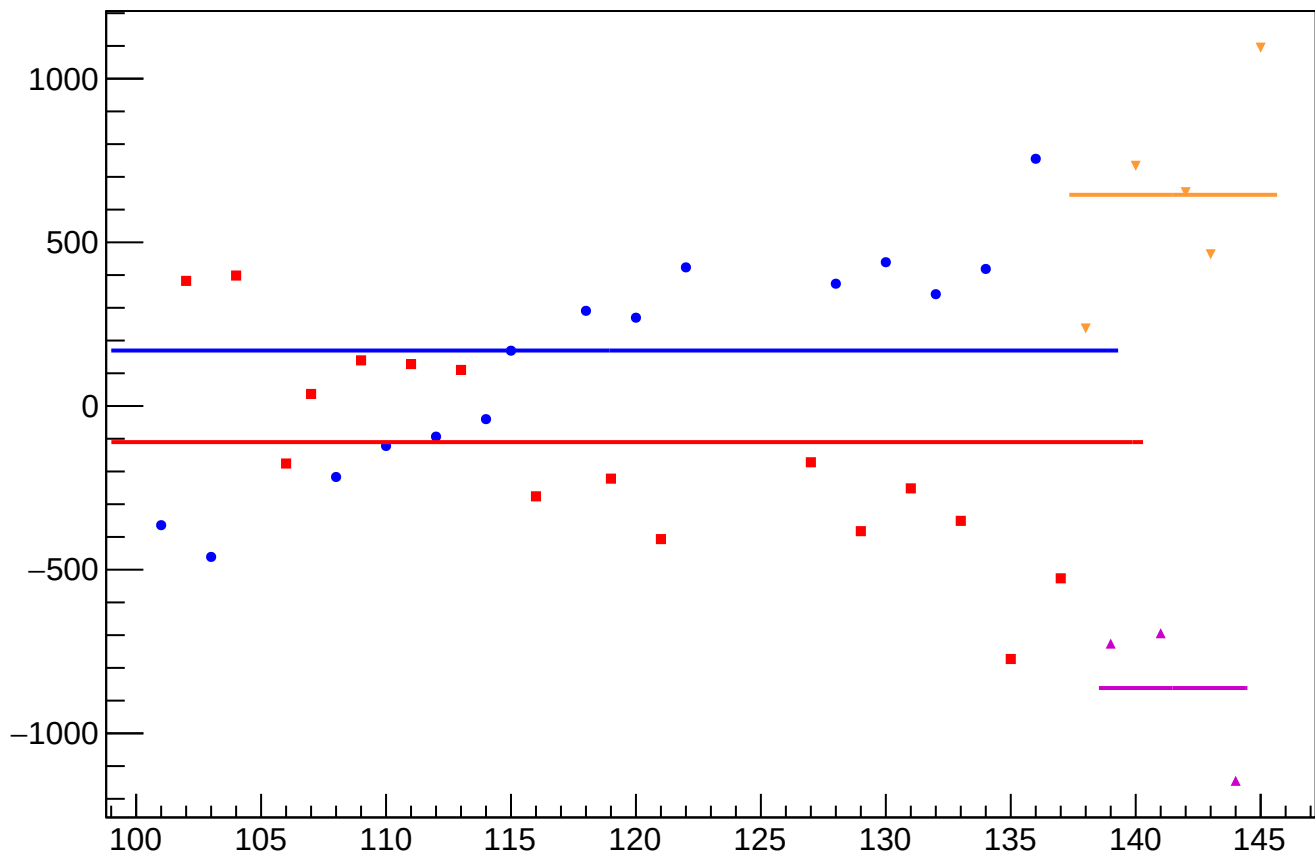
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_sam1_coil3_mean vs Slug, Sign Corrected



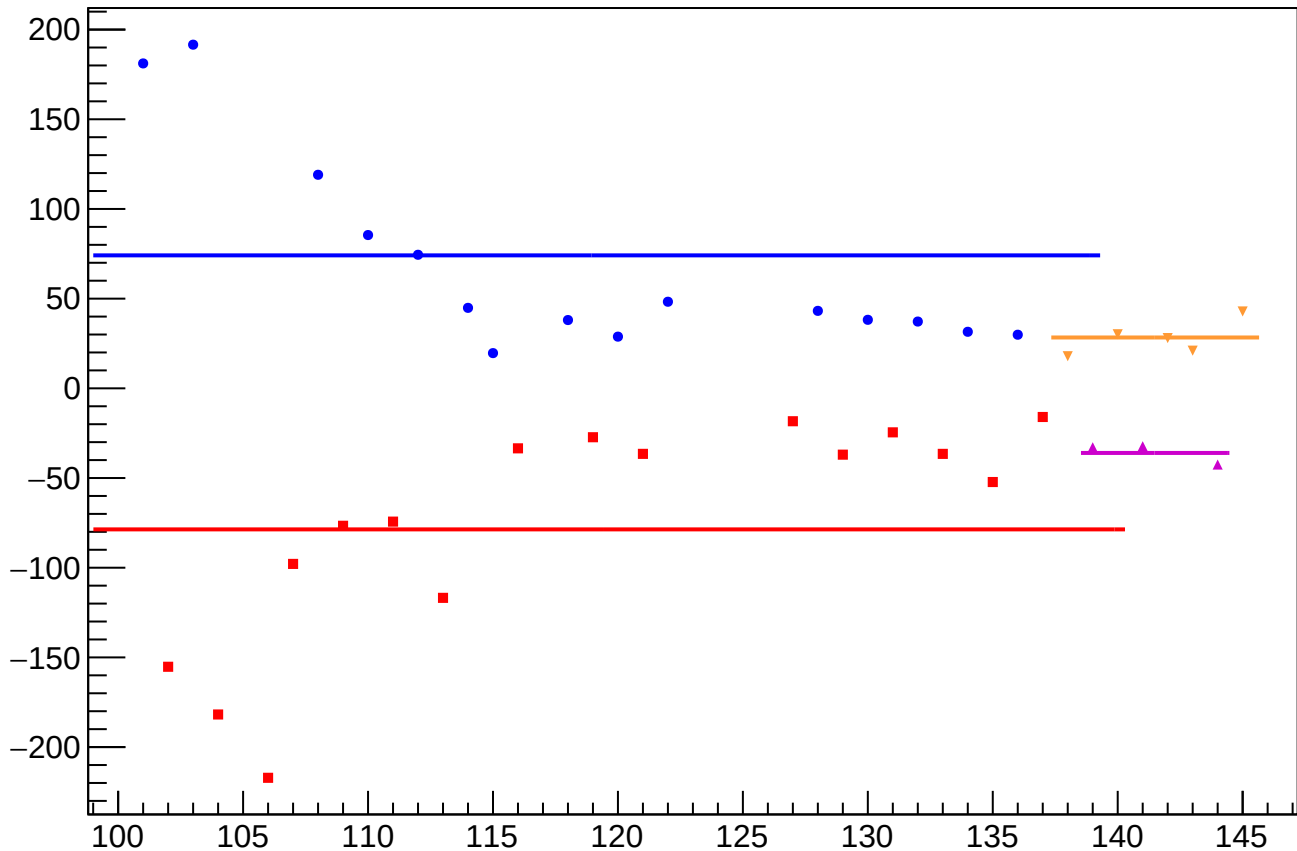
Right In: 169.489 $\pm$ 0.000 χ^2 /NDF: 95435894585210891032426613567490359296.0/14

Left Out: 645.214 $\pm$ 0.000 χ^2 /NDF: 32232408184601744505302227709226647552.0/4

Right Out: -110.289 $\pm$ 0.000 χ^2 /NDF: 71770784102052938523592716508479881216.0/15

Left In: -861.524 $\pm$ 0.000 χ^2 /NDF: 11022746932906306084334184078321385472.0/2

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



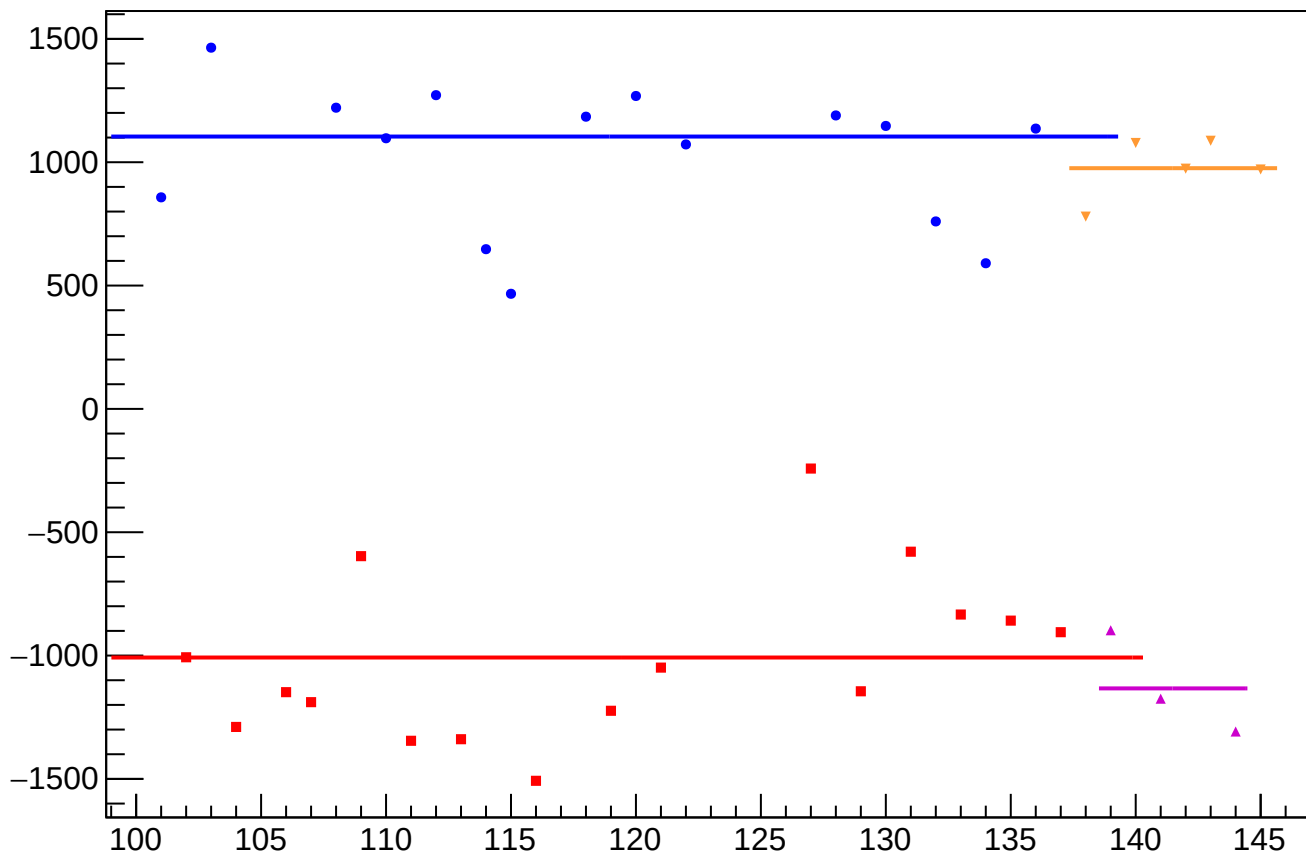
Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 28.346+/-0.000 χ^2/NDF : 29473401288852899465489120183189504.0/4

Right Out: -78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

Left In: -36.019+/-0.000 χ^2/NDF : 5726182763375034198367545782697984.0/2

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



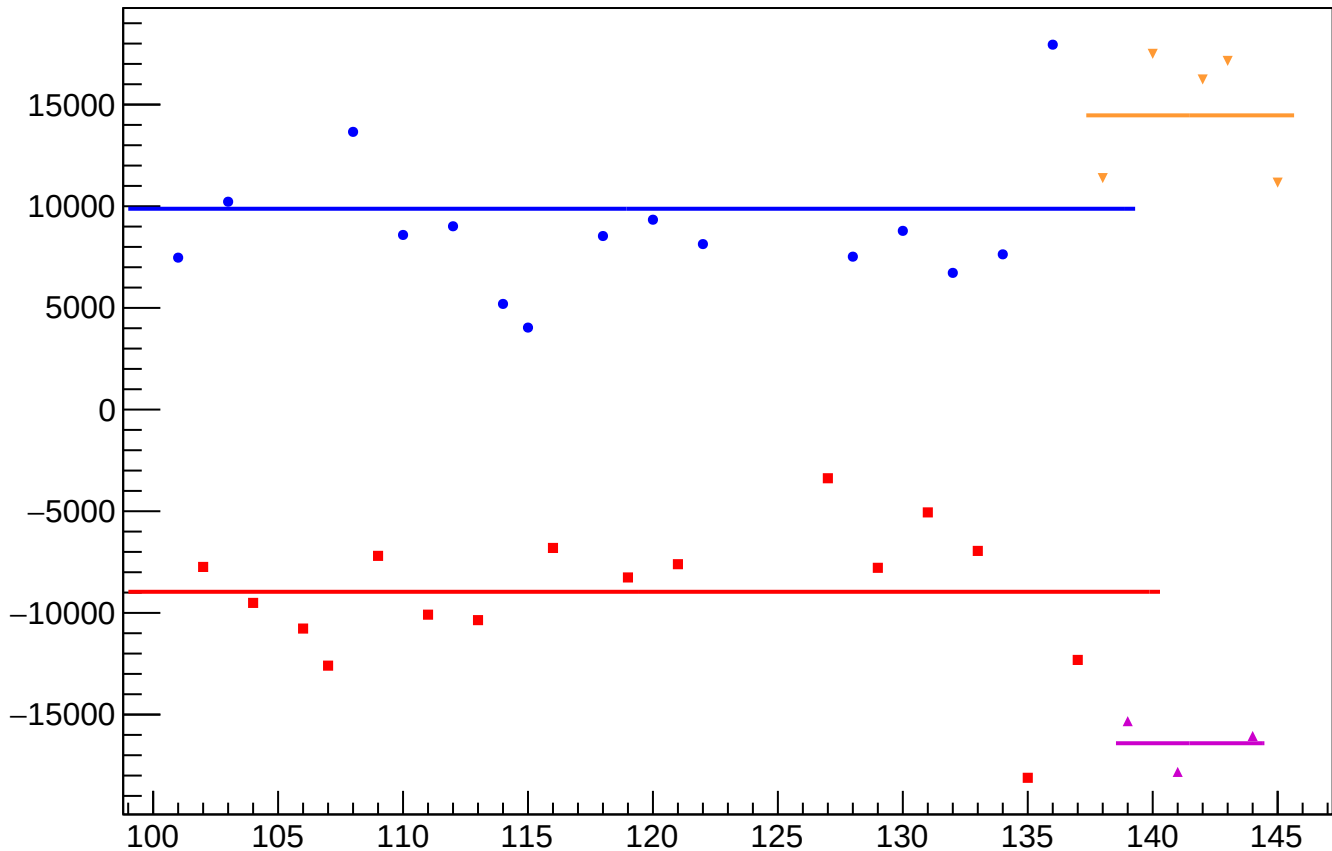
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

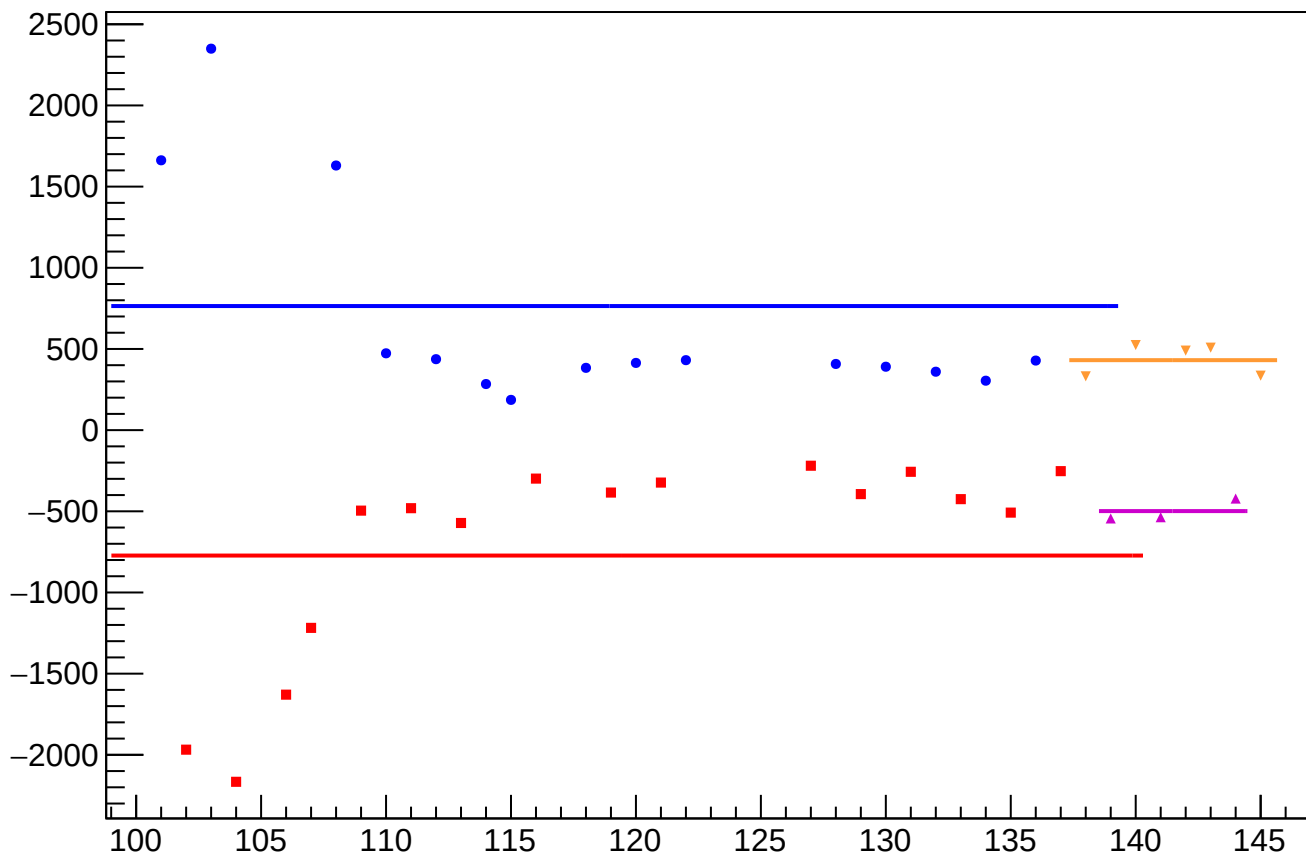
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 14469.705+/-0.000 χ^2/NDF : 3004079251604735431535466918556305719296.0/4
 Right Out: -8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: -16410.005+/-0.000 χ^2/NDF : 275752482292152314890029974388956200960.0/2

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



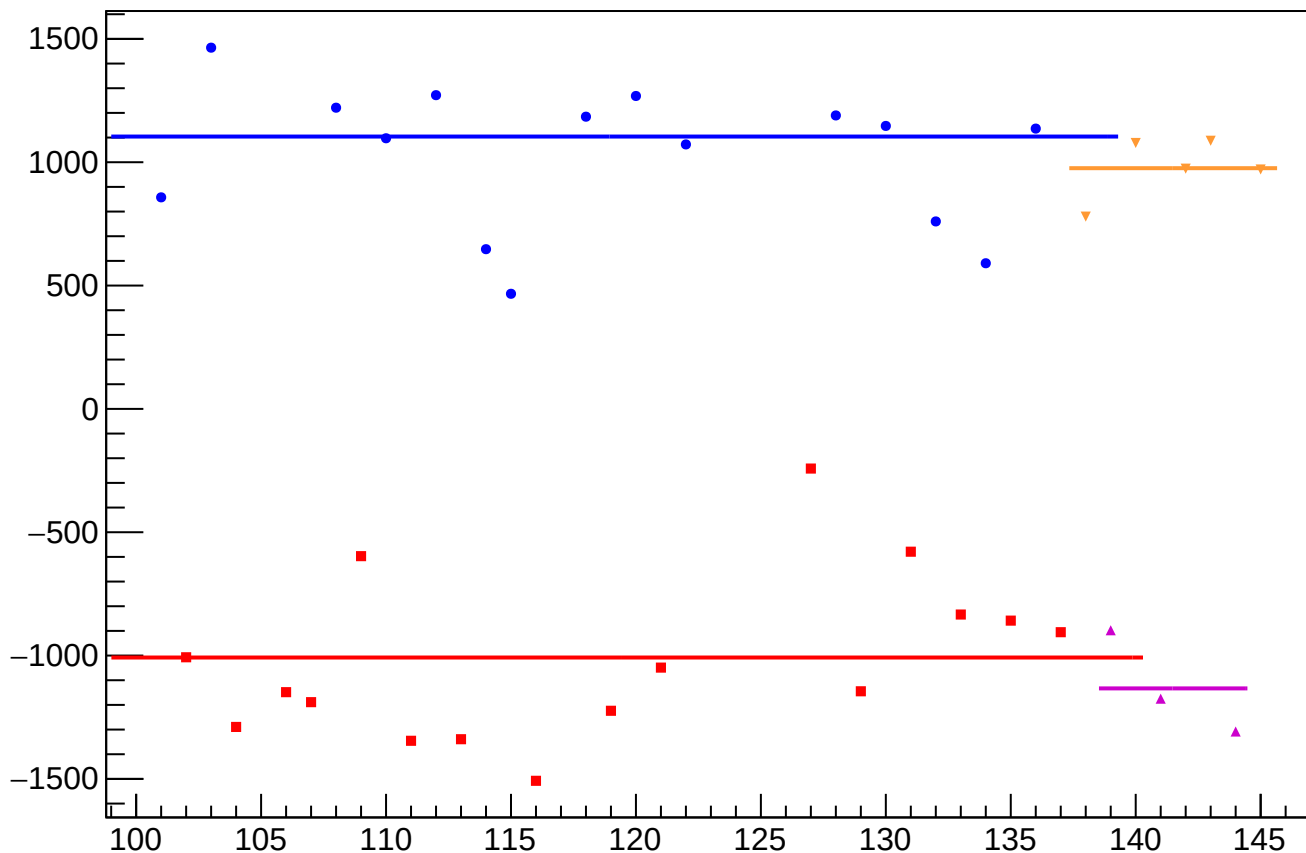
Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 430.983+/-0.000 χ^2/NDF : 2778819163872099469134076880418242560.0/4

Right Out: -772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

Left In: -498.709+/-0.000 χ^2/NDF : 817575414065191958807356191295930368.0/2

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



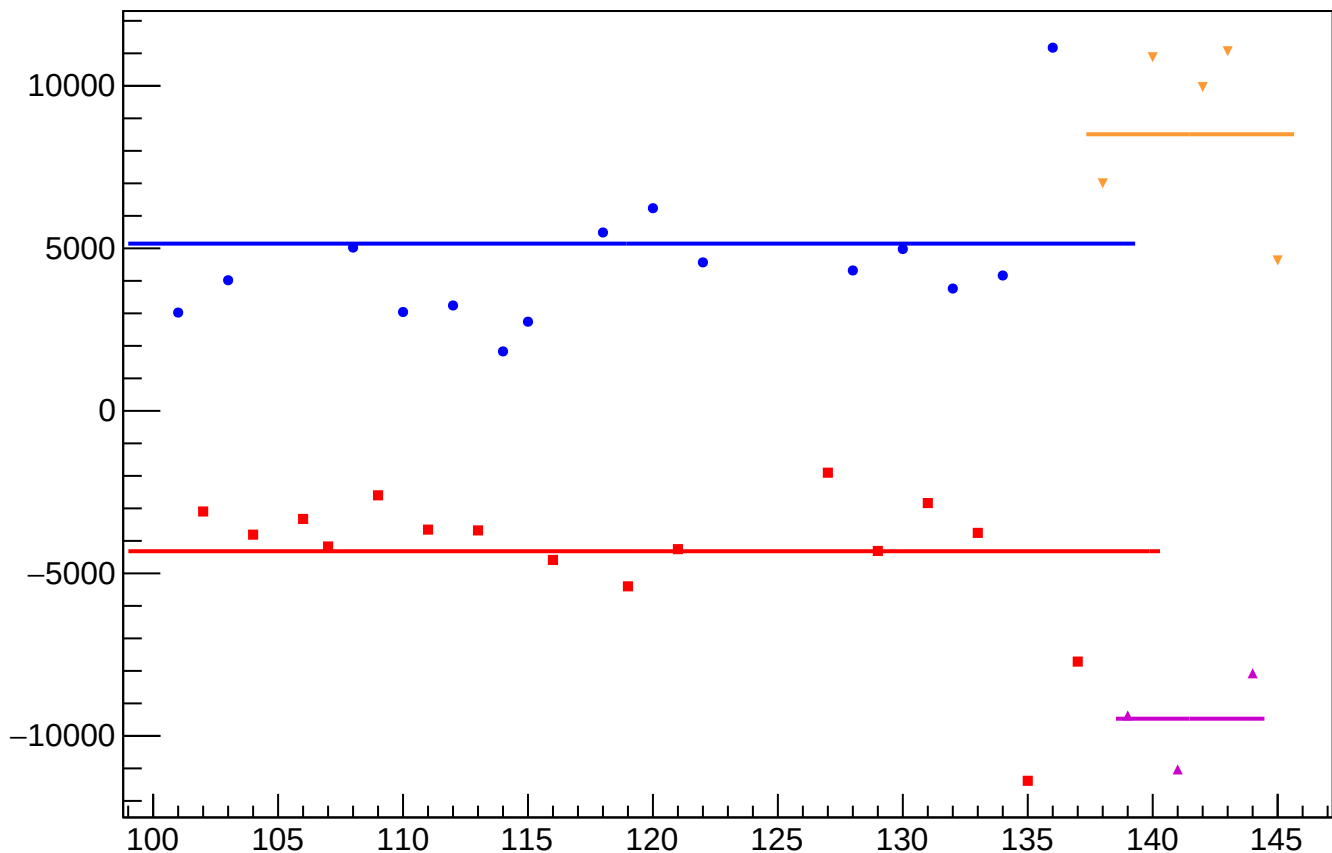
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

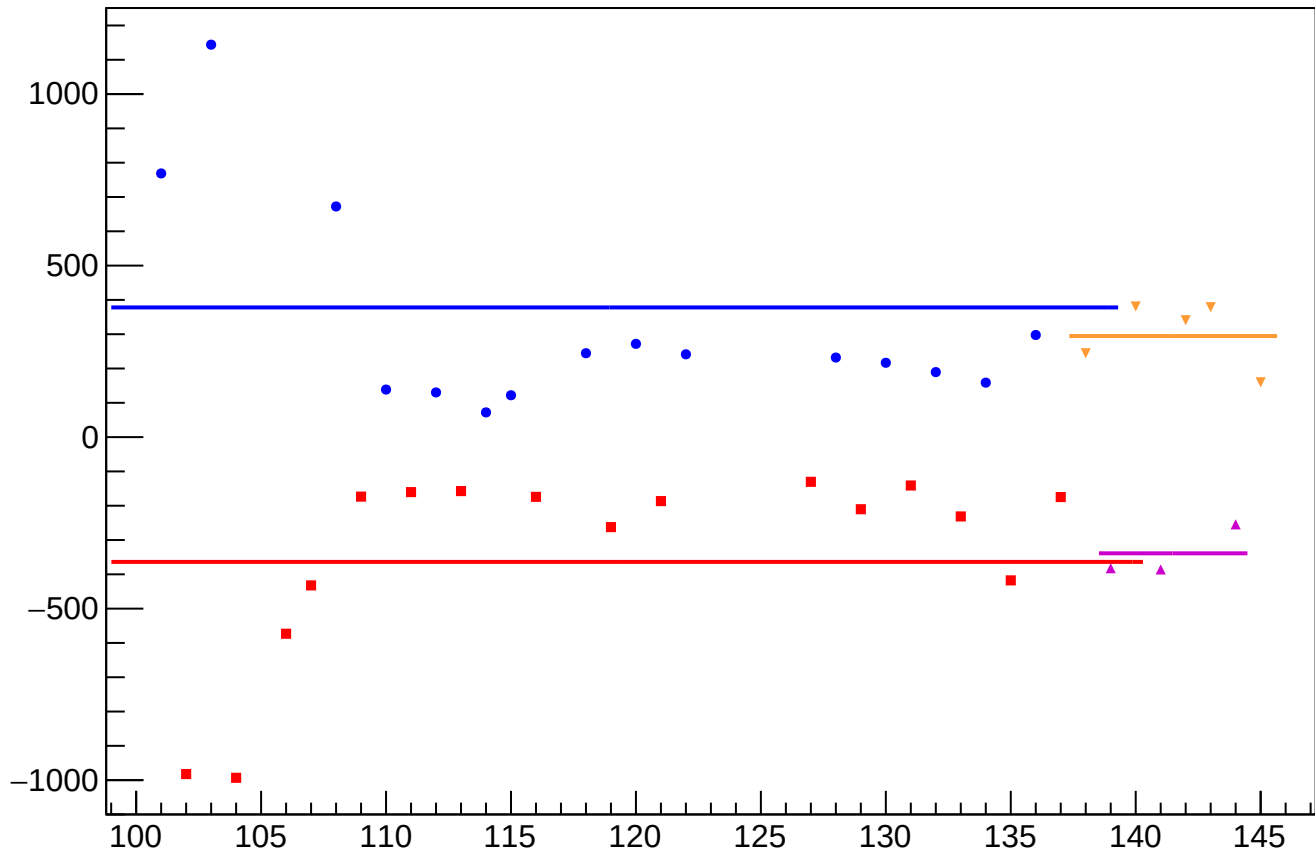
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 5145.657 $\pm$ 0.000 χ^2 /NDF: 4272867262459372237810540195851662262272.0/14
 Left Out: 8510.286 $\pm$ 0.000 χ^2 /NDF: 2392046314410602008351692532380361293824.0/4
 Right Out: -4318.126 $\pm$ 0.000 χ^2 /NDF: 3345176554564755427312533888908526616576.0/15
 Left In: -9470.795 $\pm$ 0.000 χ^2 /NDF: 381535480306379050437919418379600396288.0/2

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



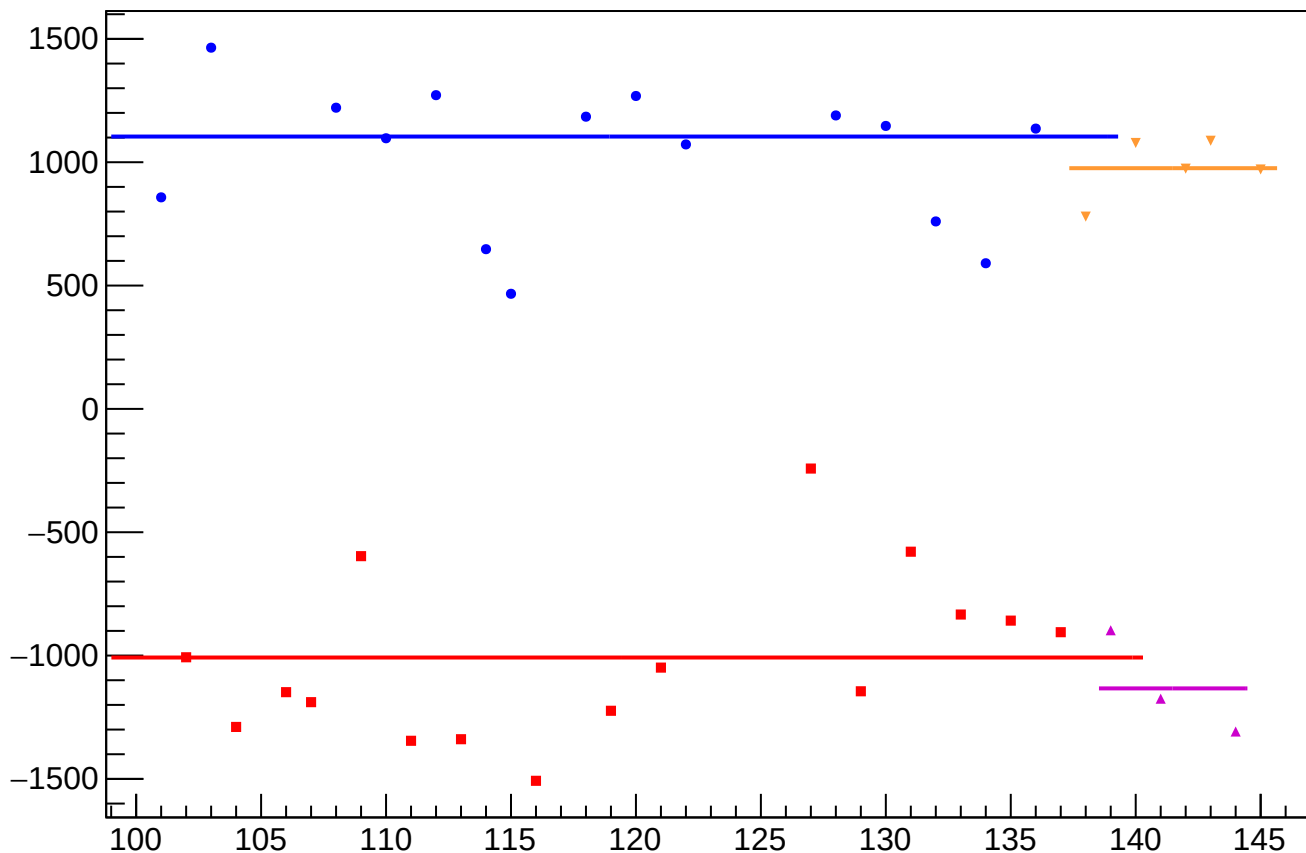
Right In: 378.052 +/- 0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 294.587 +/- 0.000 χ^2/NDF : 2850763728516721814404844359199490048.0/4

Right Out: -363.772 +/- 0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

Left In: -338.760 +/- 0.000 χ^2/NDF : 975043469437948693057834620200943616.0/2

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



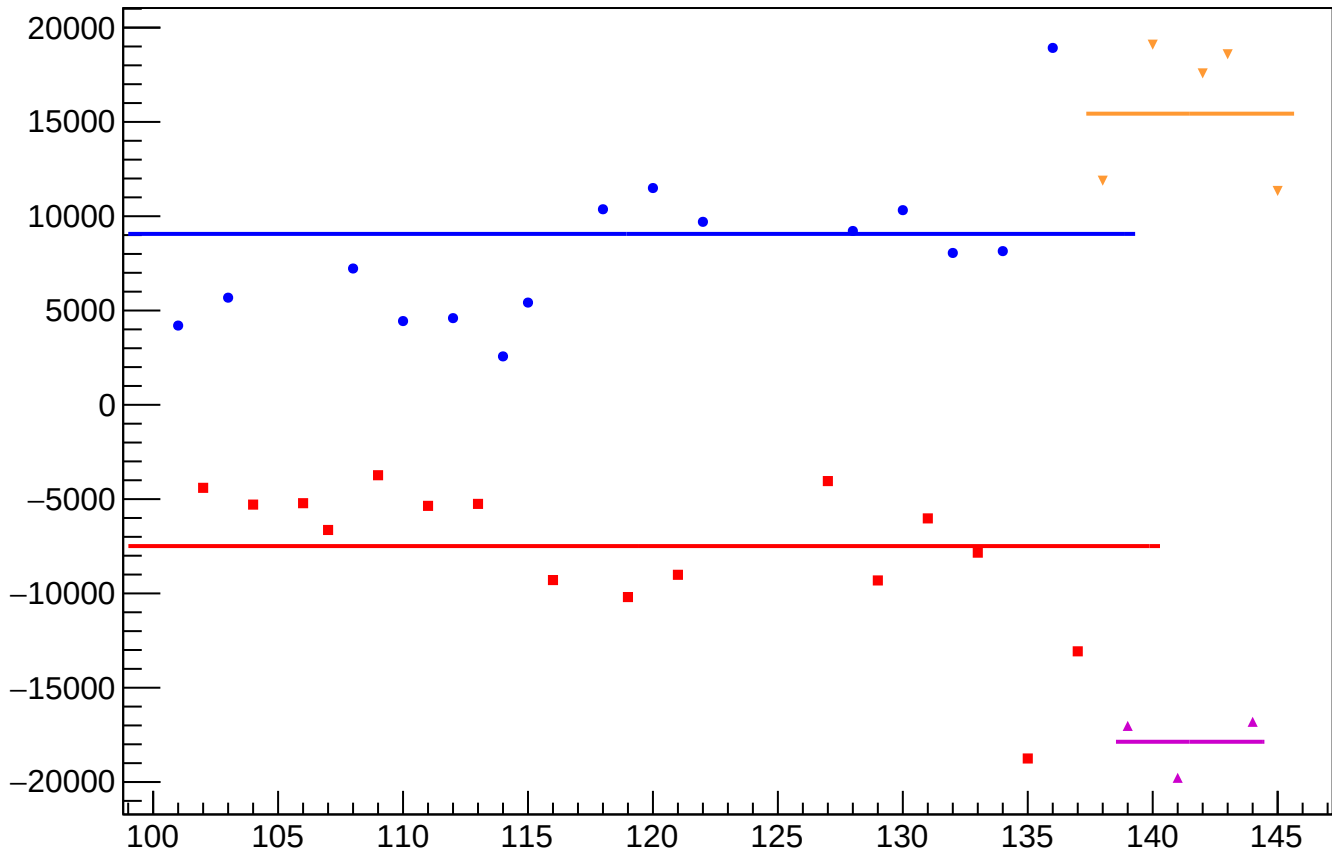
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

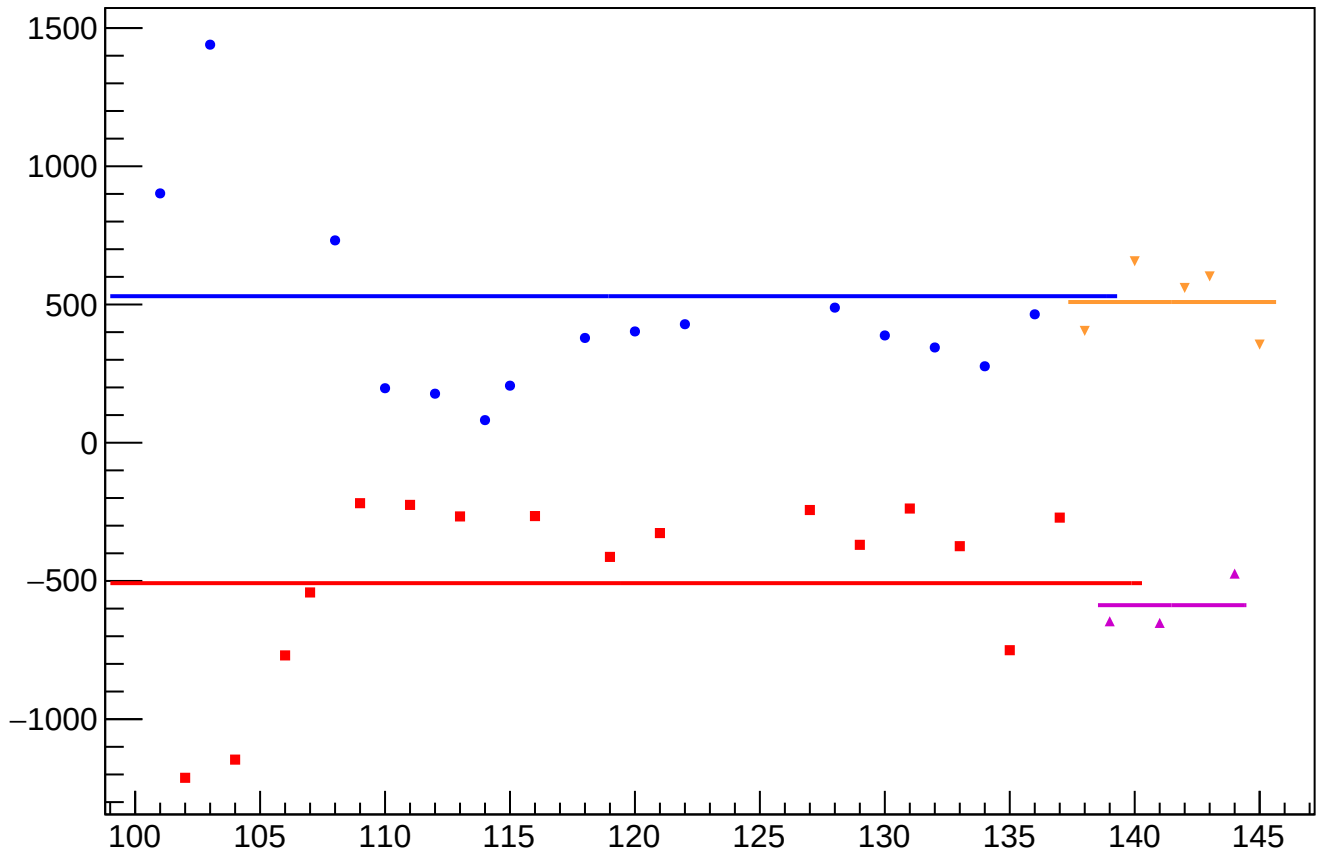
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 9062.710 +/- 0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 15437.787 +/- 0.000 χ^2/NDF : 4316826968657518194709744076444577824768.0/4
 Right Out: -7490.147 +/- 0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: -17865.694 +/- 0.000 χ^2/NDF : 467380968357764639906668875137918435328.0/2

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



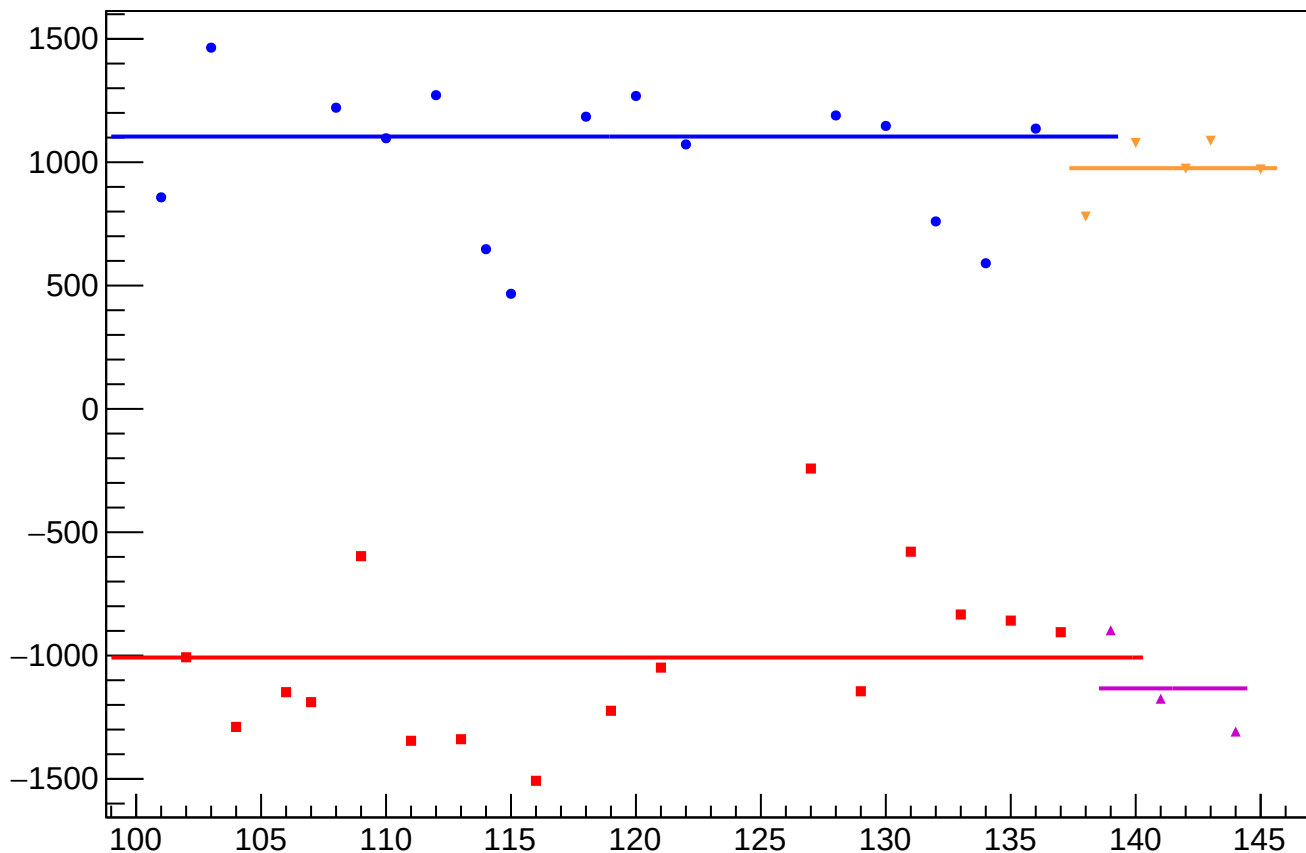
Right In: 530.057 $\pm$ 0.000 χ^2 /NDF: 78754676063063255524046471751880671232.0/14

Left Out: 508.999 $\pm$ 0.000 χ^2 /NDF: 5246736880988925135827382991509782528.0/4

Right Out: -507.987 $\pm$ 0.000 χ^2 /NDF: 76689734698308464337881841969555046400.0/15

Left In: -587.621 $\pm$ 0.000 χ^2 /NDF: 1785331289149632272592063875336110080.0/2

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



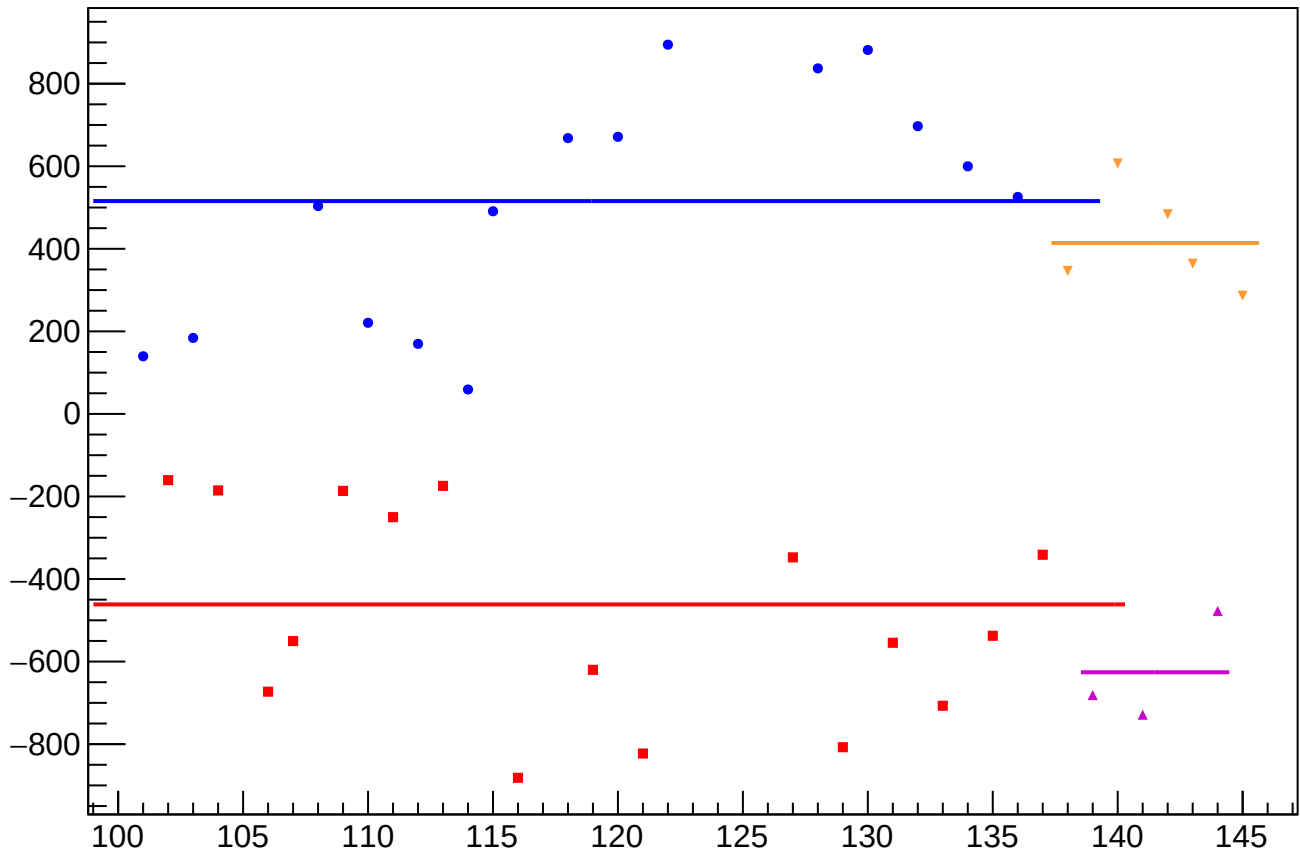
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_sam5_coil3_mean vs Slug, Sign Corrected



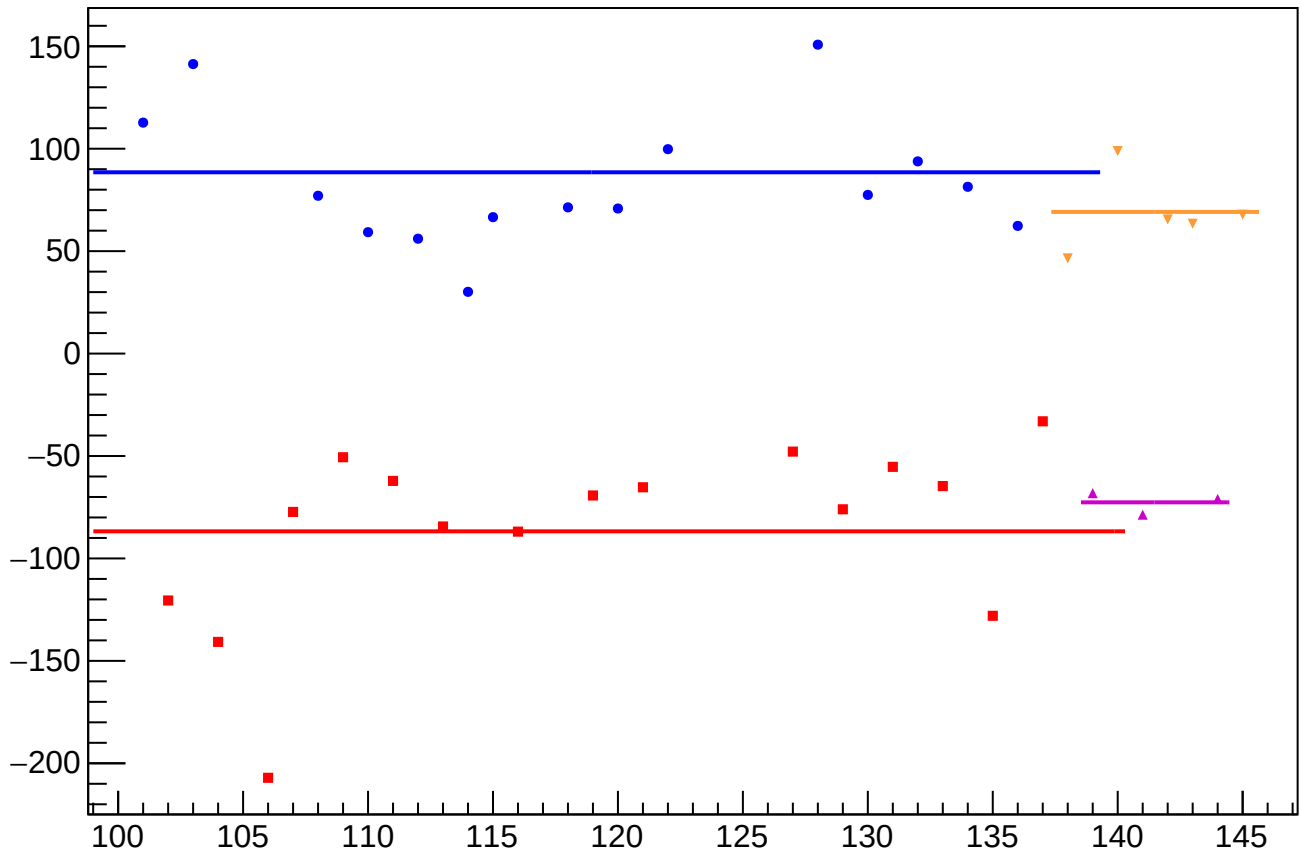
Right In: 515.635 +/- 0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 414.122 +/- 0.000 χ^2/NDF : 5114214716859257498793002516229390336.0/4

Right Out: -461.497 +/- 0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

Left In: -625.869 +/- 0.000 χ^2/NDF : 3103656294311520626133385781853552640.0/2

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



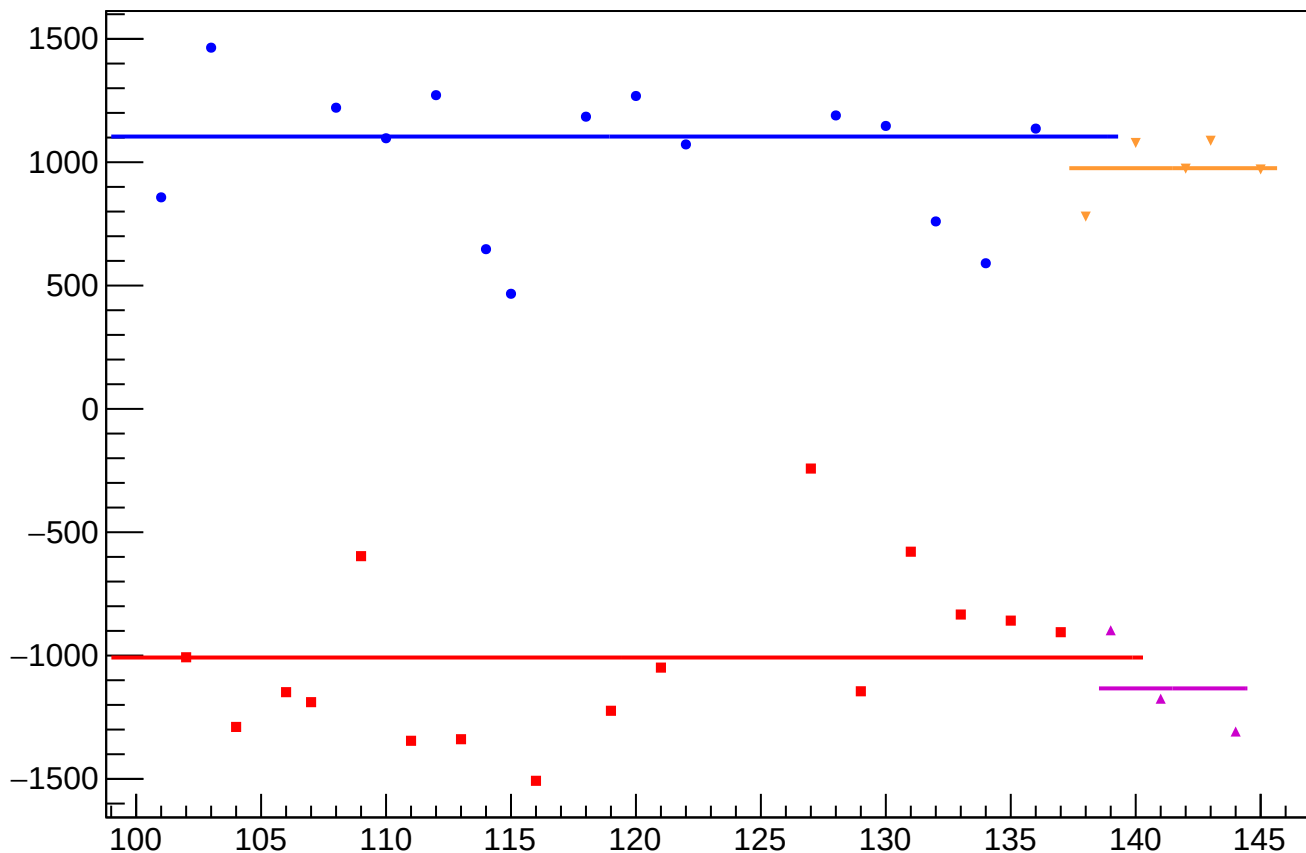
Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 69.154+/-0.000 χ^2/NDF : 115377922304734385954065463491166208.0/4

Right Out: -86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

Left In: -72.618+/-0.000 χ^2/NDF : 4948947322620614876612126413160448.0/2

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



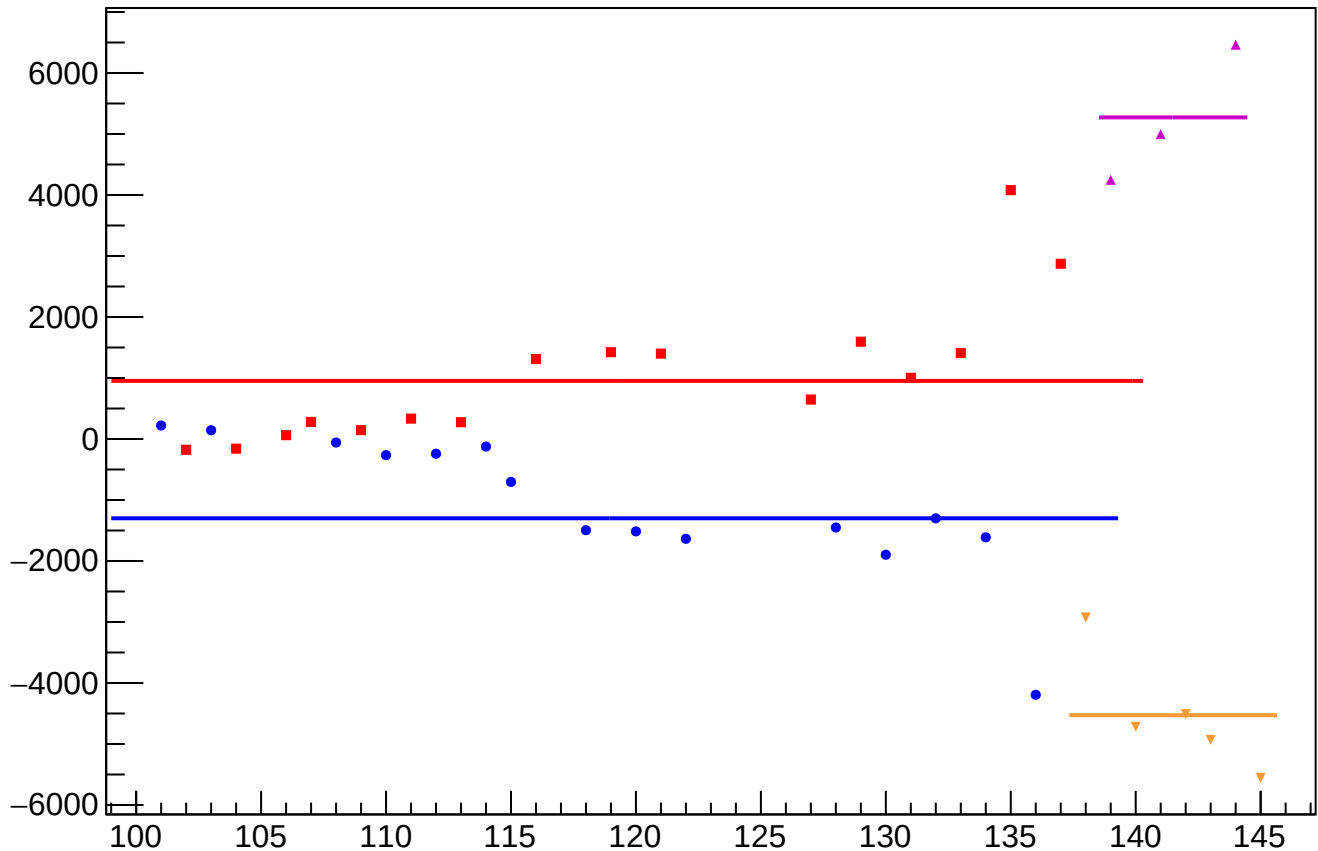
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

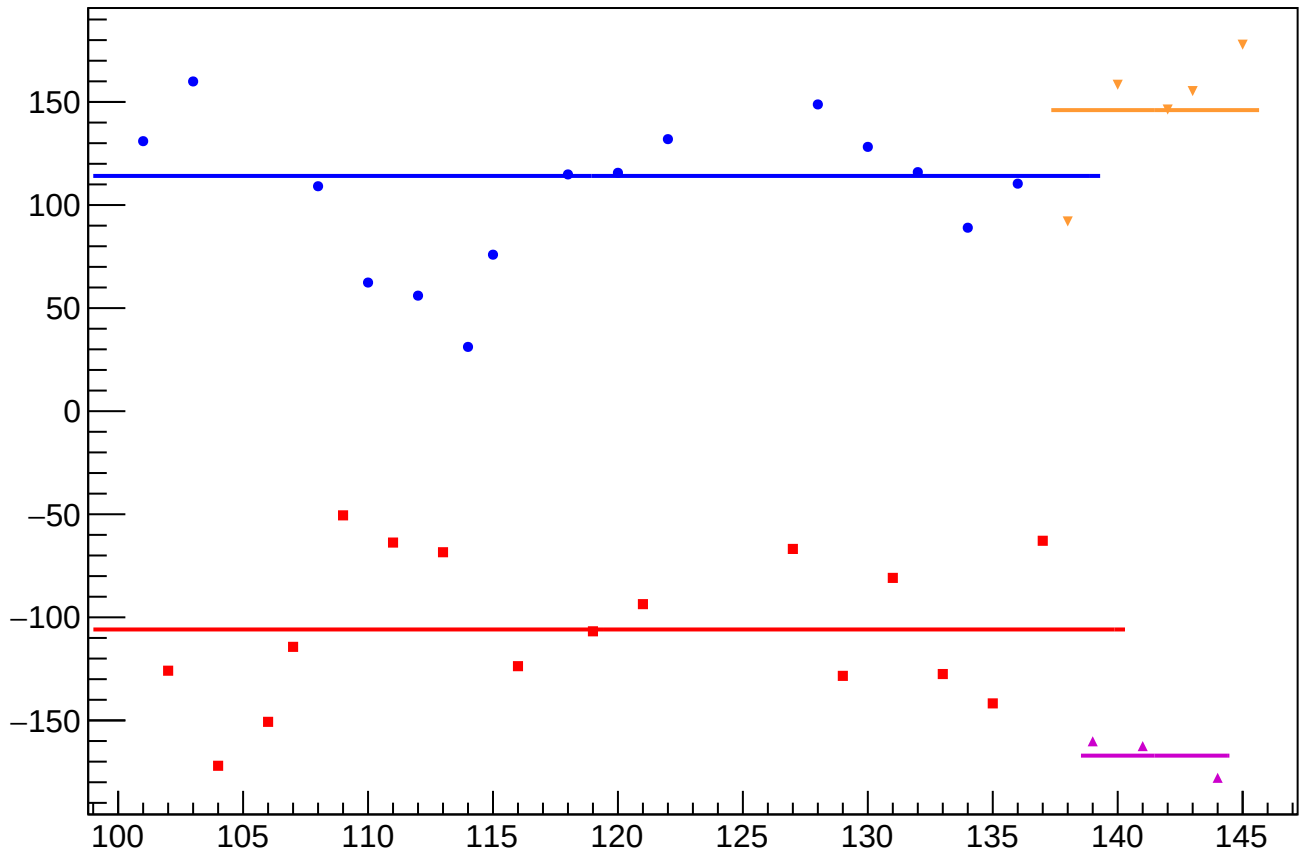
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904+/-0.000 χ^2/NDF : 1199649252163216367086408691577524322304.0/14
 Left Out: -4528.205+/-0.000 χ^2/NDF : 299390004847144757231862872559805530112.0/4
 Right Out: 951.903+/-0.000 χ^2/NDF : 841314696863657044174468284217089327104.0/15
 Left In: 5271.982+/-0.000 χ^2/NDF : 217572147147716974471493158039428530176.0/2

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



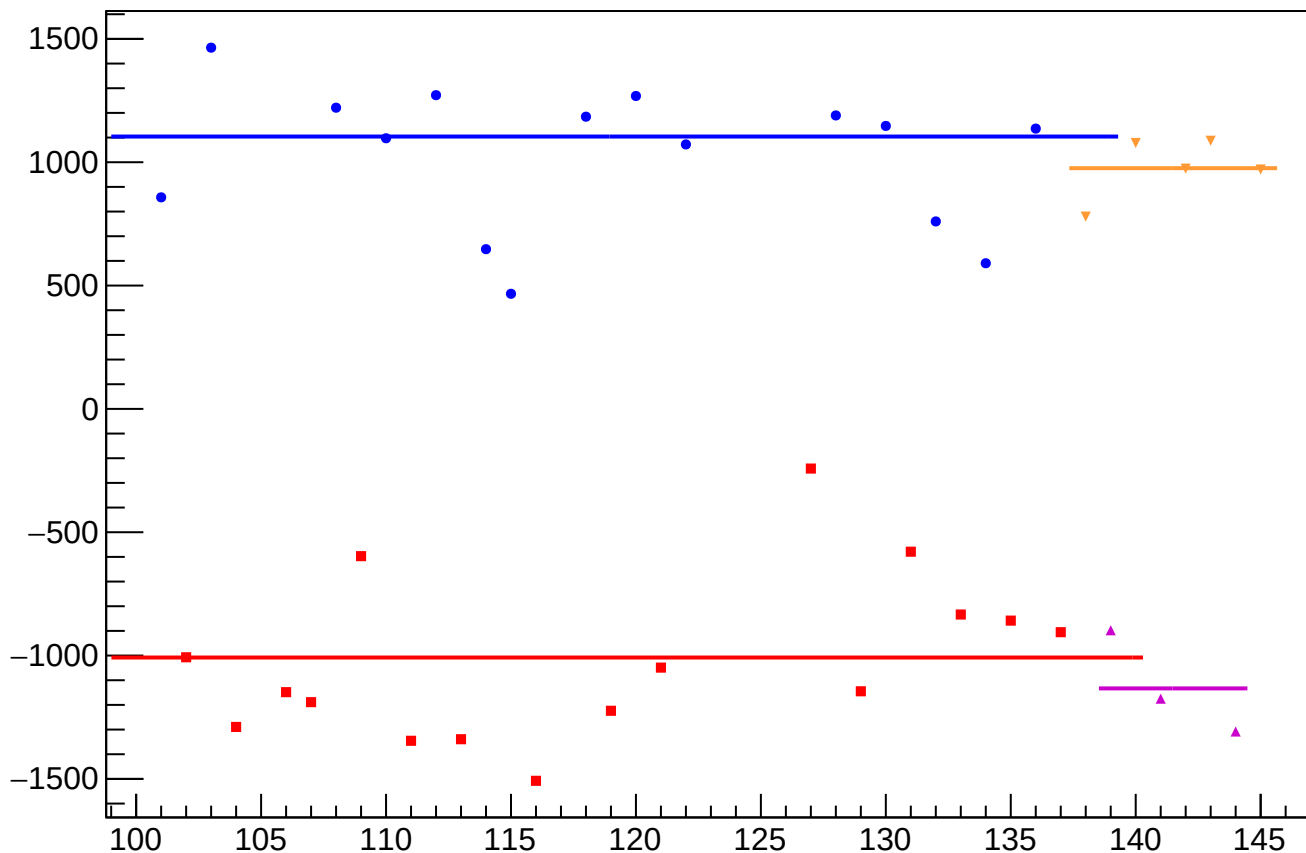
Right In: 114.118 +/- 0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 146.041 +/- 0.000 χ^2/NDF : 327207991963962703681819522442985472.0/4

Right Out: -105.890 +/- 0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

Left In: -167.089 +/- 0.000 χ^2/NDF : 16024137202802463429205915735162880.0/2

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



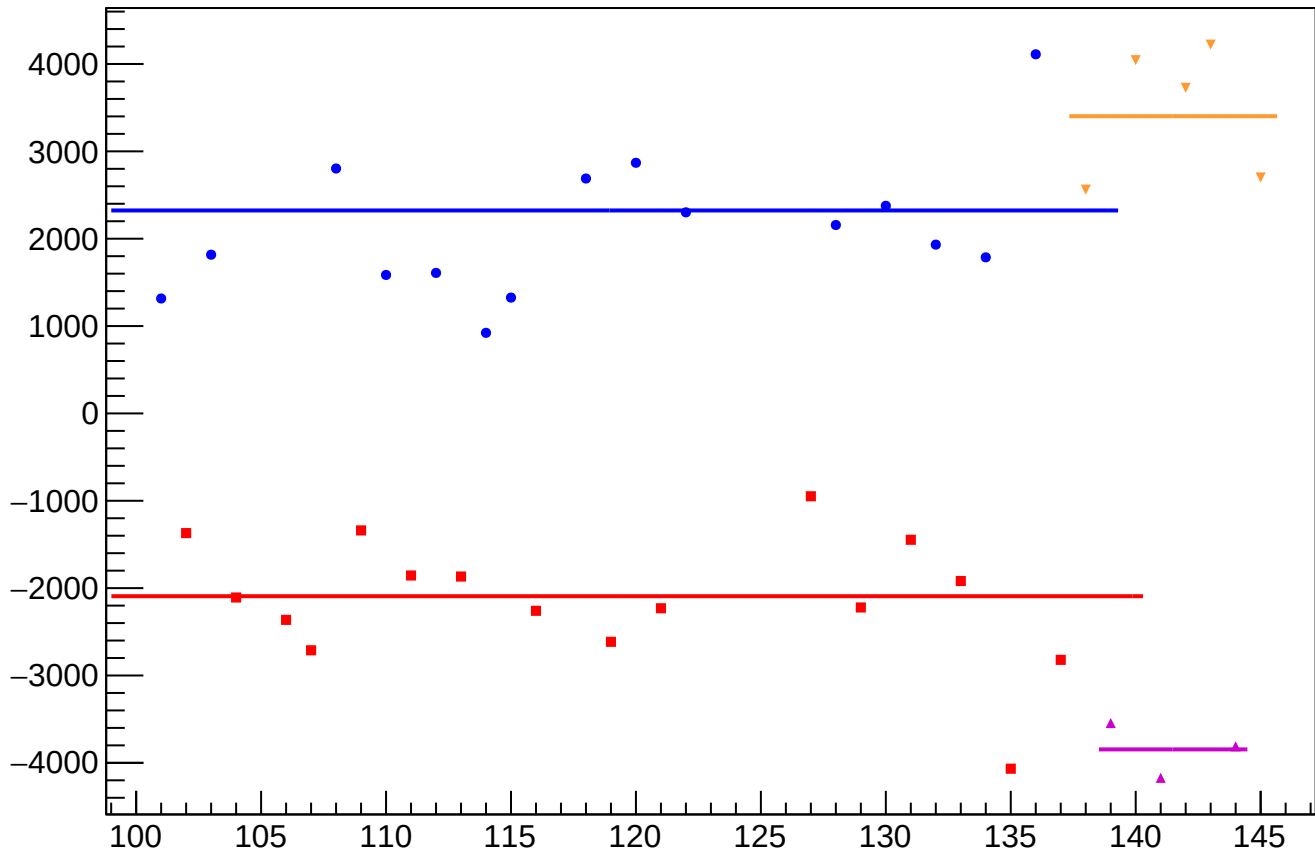
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

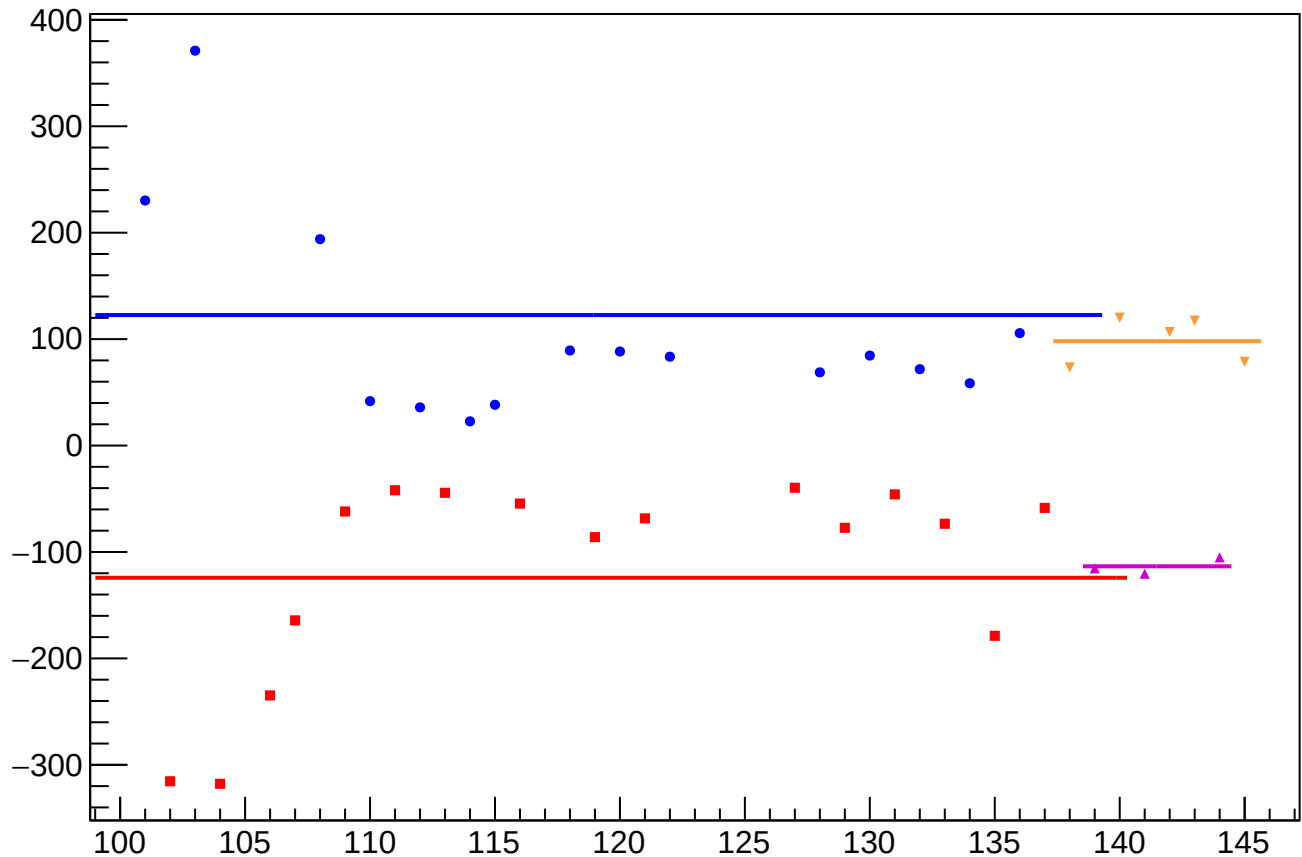
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 2323.372 $\pm$ 0.000 χ^2 /NDF: 476371189888349375964725620757728591872.0/14
 Left Out: 3402.362 $\pm$ 0.000 χ^2 /NDF: 178535071958697132787345947900432613376.0/4
 Right Out: -2092.458 $\pm$ 0.000 χ^2 /NDF: 367126080872166122663684022473339174912.0/15
 Left In: -3846.125 $\pm$ 0.000 χ^2 /NDF: 16475127767516860737326817581499154432.0/2

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



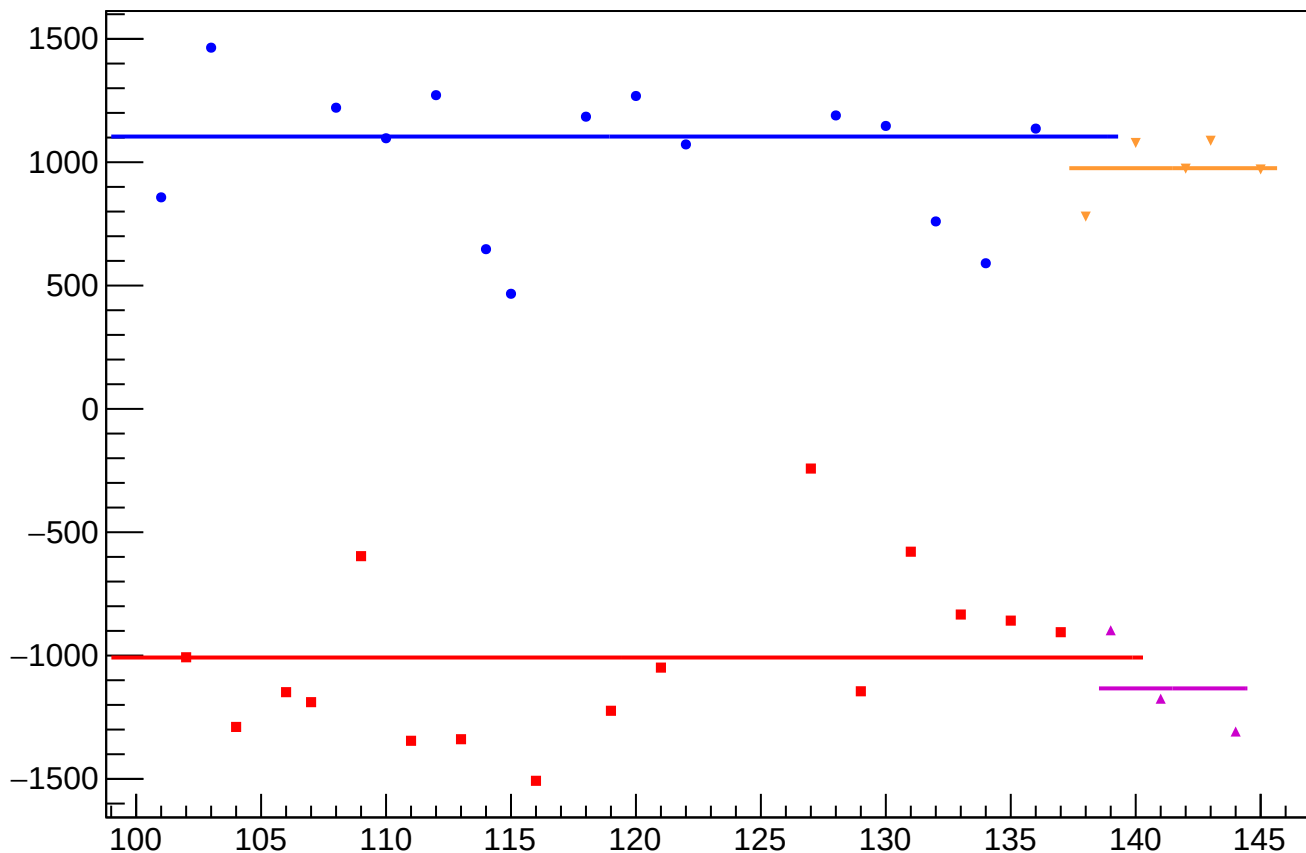
Right In: 122.622 +/- 0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14

Left Out: 98.079 +/- 0.000 χ^2/NDF : 146014936608307053682373349789925376.0/4

Right Out: -124.216 +/- 0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15

Left In: -113.453 +/- 0.000 χ^2/NDF : 10727223750426064728984963076063232.0/2

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



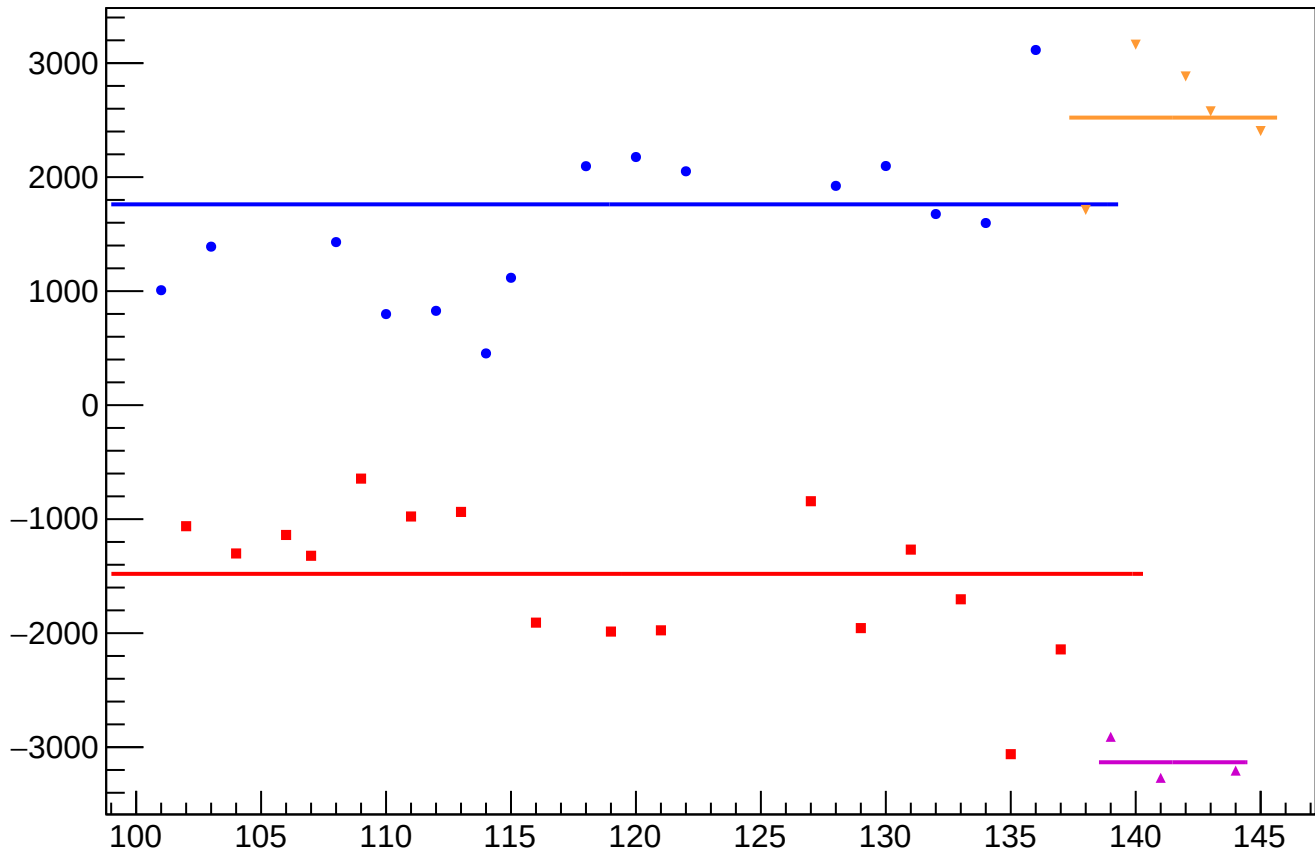
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

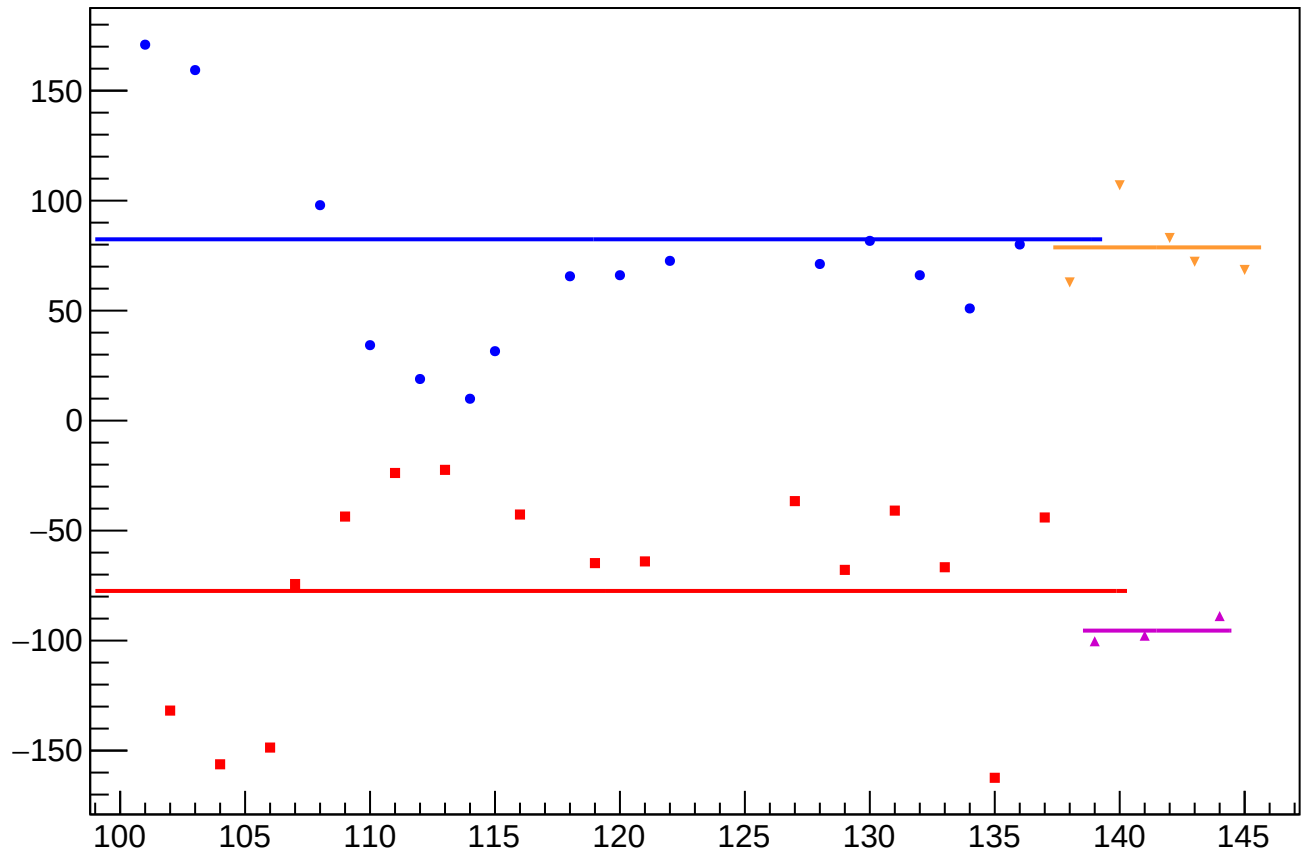
Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 1761.245 +/- 0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14
 Left Out: 2522.092 +/- 0.000 χ^2/NDF : 92053210802583929808547505078467035136.0/4
 Right Out: -1479.801 +/- 0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15
 Left In: -3132.307 +/- 0.000 χ^2/NDF : 6100210108906256631027046000132882432.0/2

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



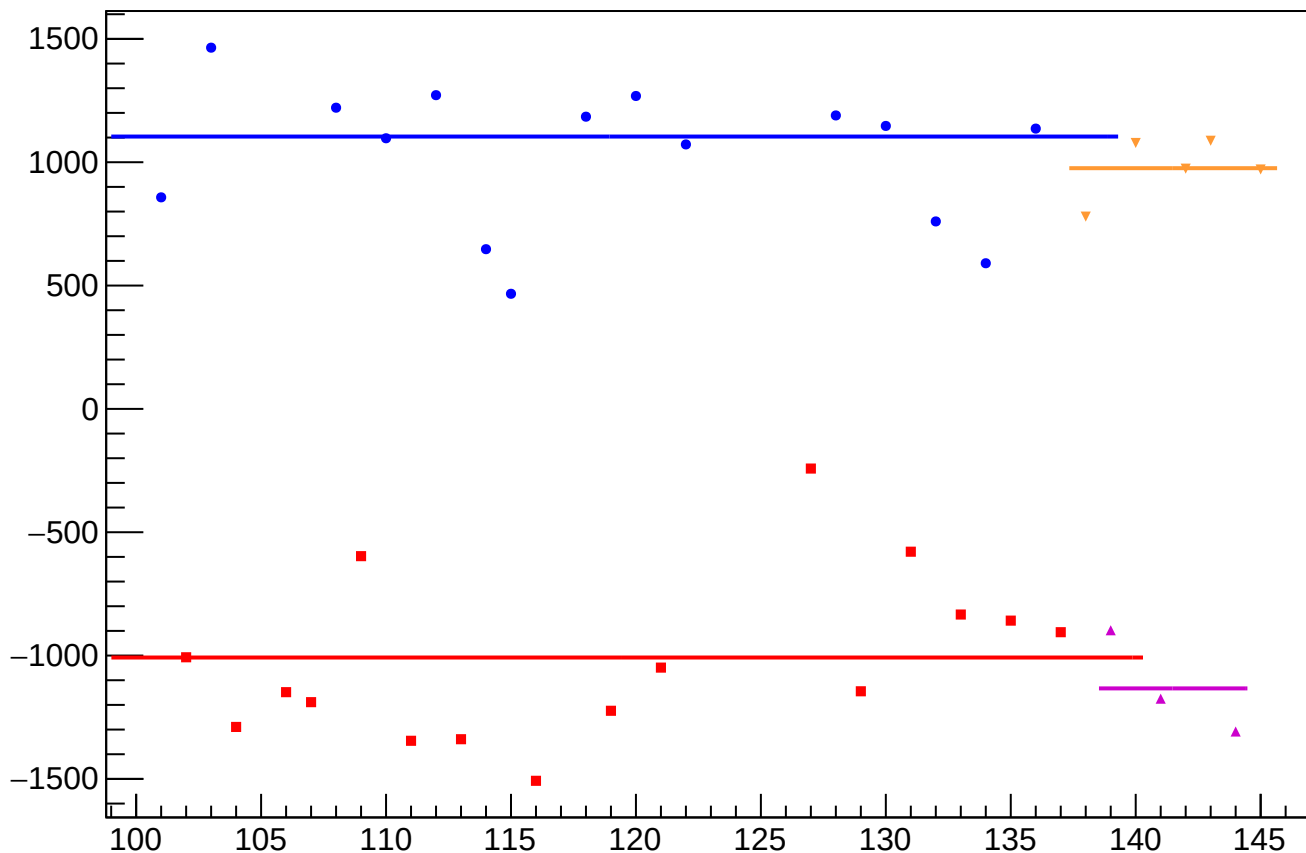
Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 78.754+/-0.000 χ^2/NDF : 97374534332882457850282393364070400.0/4

Right Out: -77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

Left In: -95.459+/-0.000 χ^2/NDF : 6237963989028409568753279991545856.0/2

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



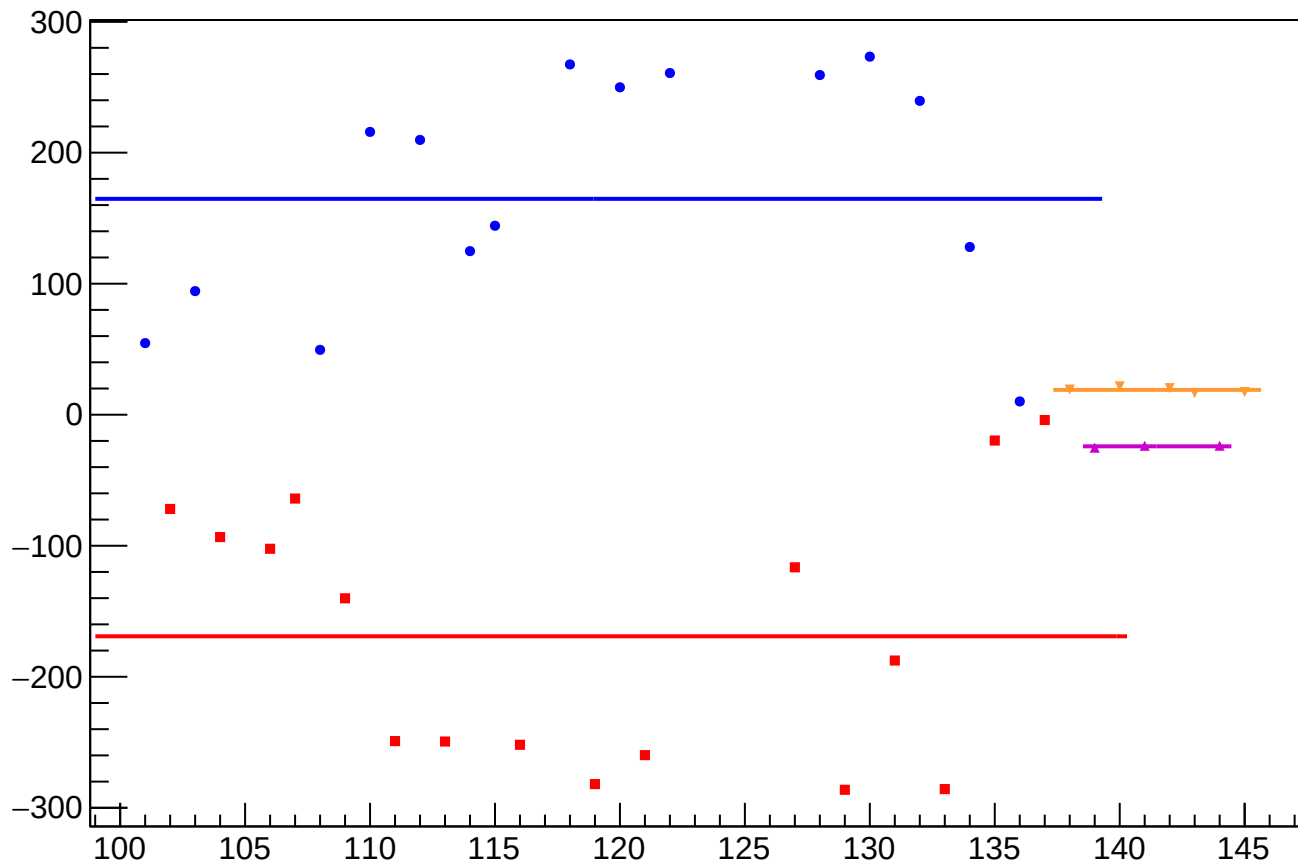
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 975.847+/-0.000 χ^2/NDF : 4695059328891315039622712452859297792.0/4

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1133.122+/-0.000 χ^2/NDF : 7365584540853331592808282192913367040.0/2

dit_4aX_coil7_mean vs Slug, Sign Corrected



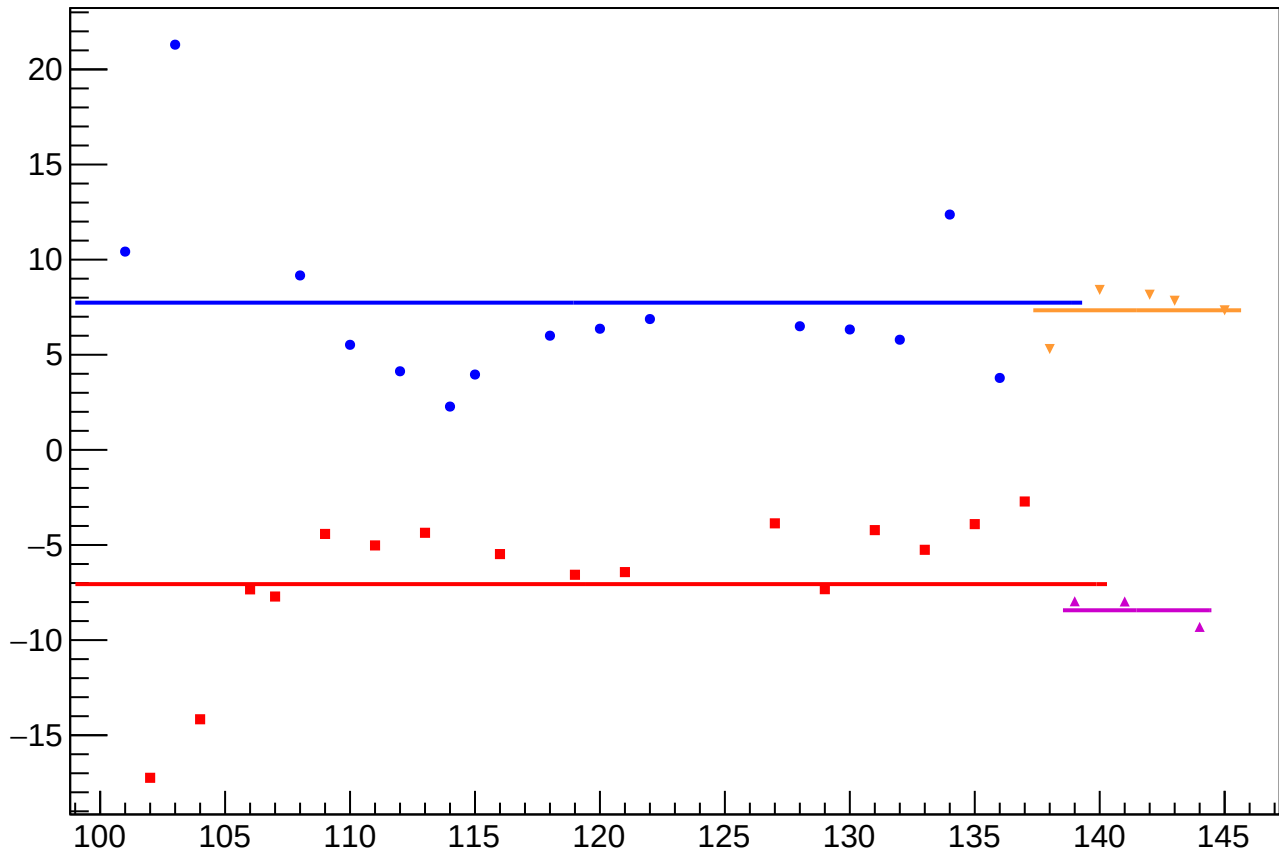
Right In: 164.752 $\pm$ 0.000 χ^2 /NDF: 6369828943181833917425699916554960896.0/14

Left Out: 18.964 $\pm$ 0.000 χ^2 /NDF: 1249864602505674507701071571320832.0/4

Right Out: -169.108 $\pm$ 0.000 χ^2 /NDF: 6040721802042936822766910687819071488.0/15

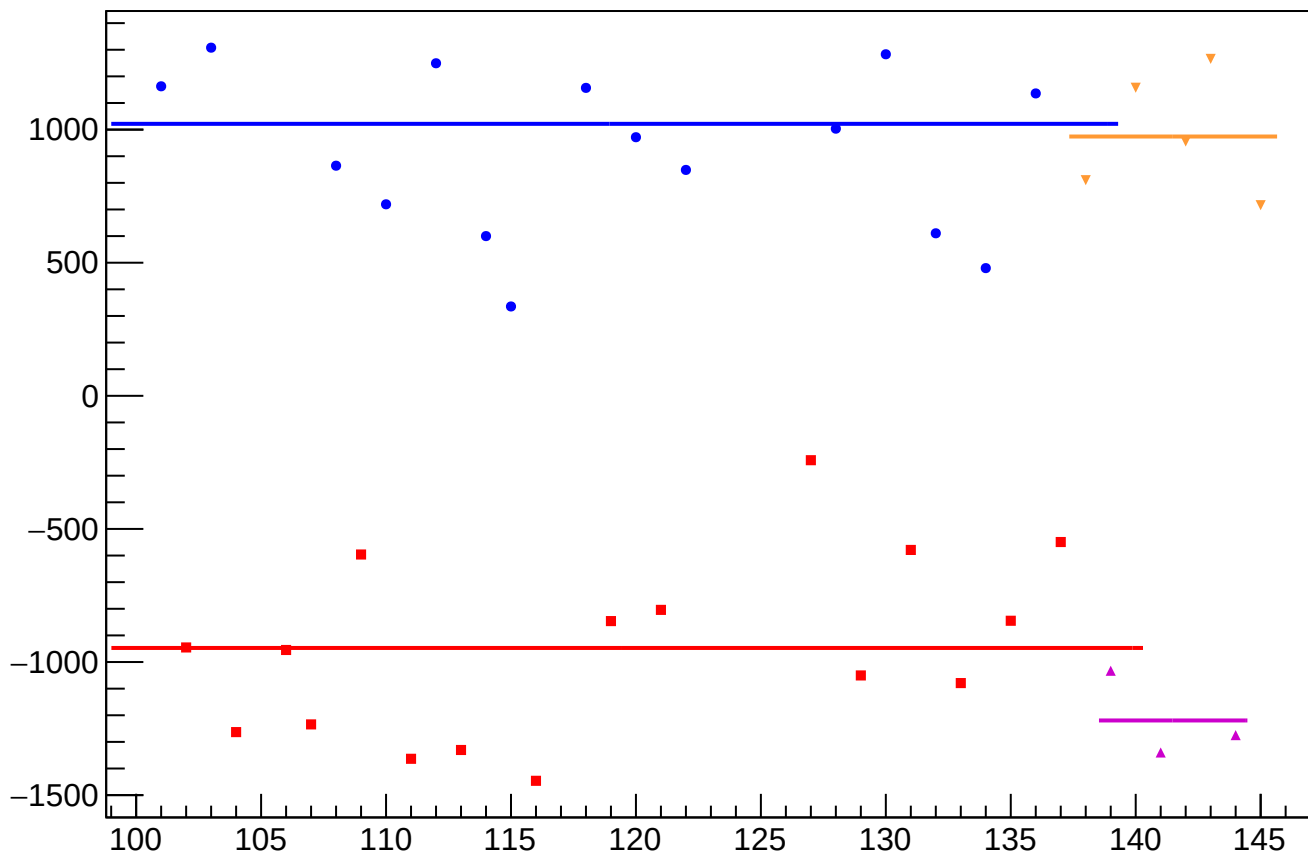
Left In: -24.122 $\pm$ 0.000 χ^2 /NDF: 122786044110205898100488542355456.0/2

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738 +/- 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14
 Left Out: 7.337 +/- 0.000 χ^2/NDF : 465164997440348903693807739994112.0/4
 Right Out: -7.057 +/- 0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15
 Left In: -8.432 +/- 0.000 χ^2/NDF : 104327312383756921905156794089472.0/2

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



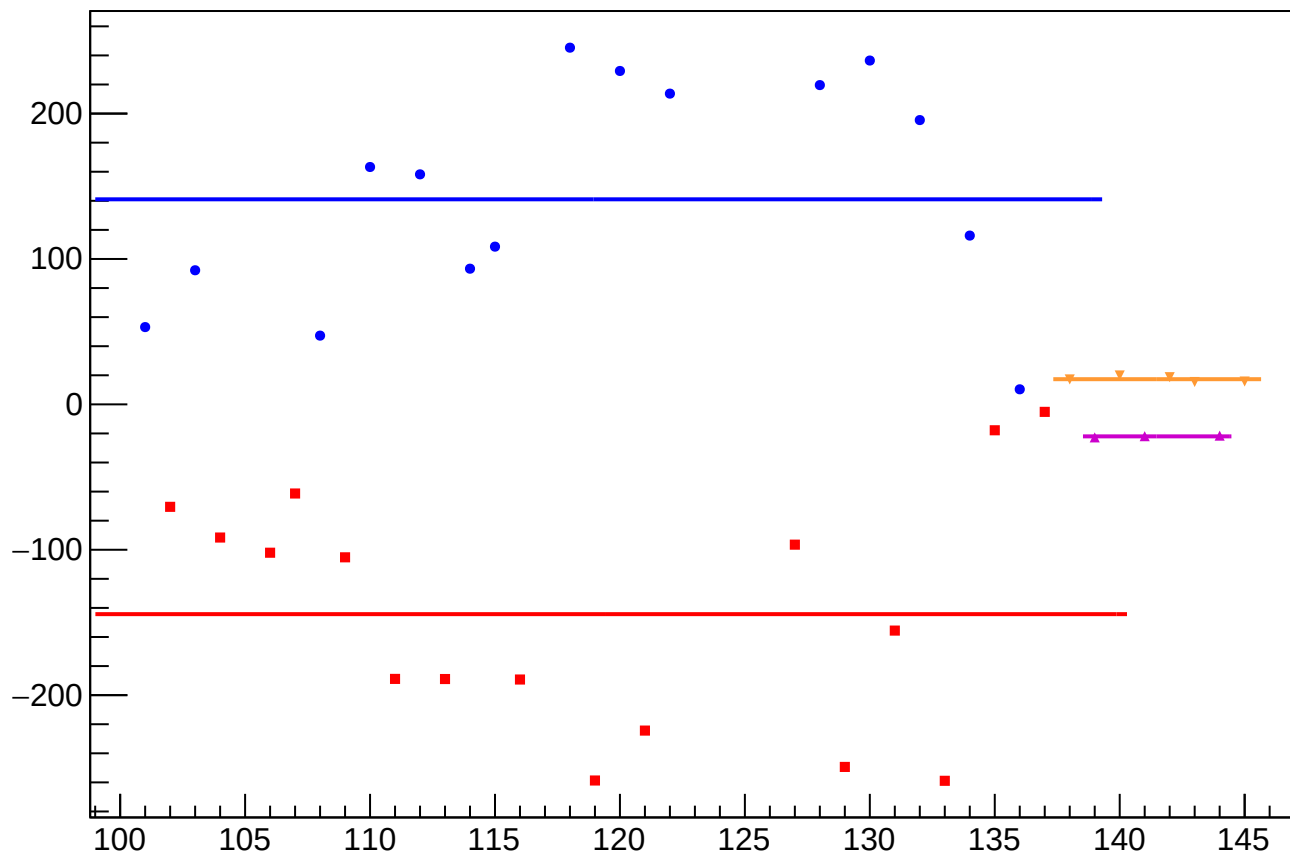
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_4eX_coil7_mean vs Slug, Sign Corrected



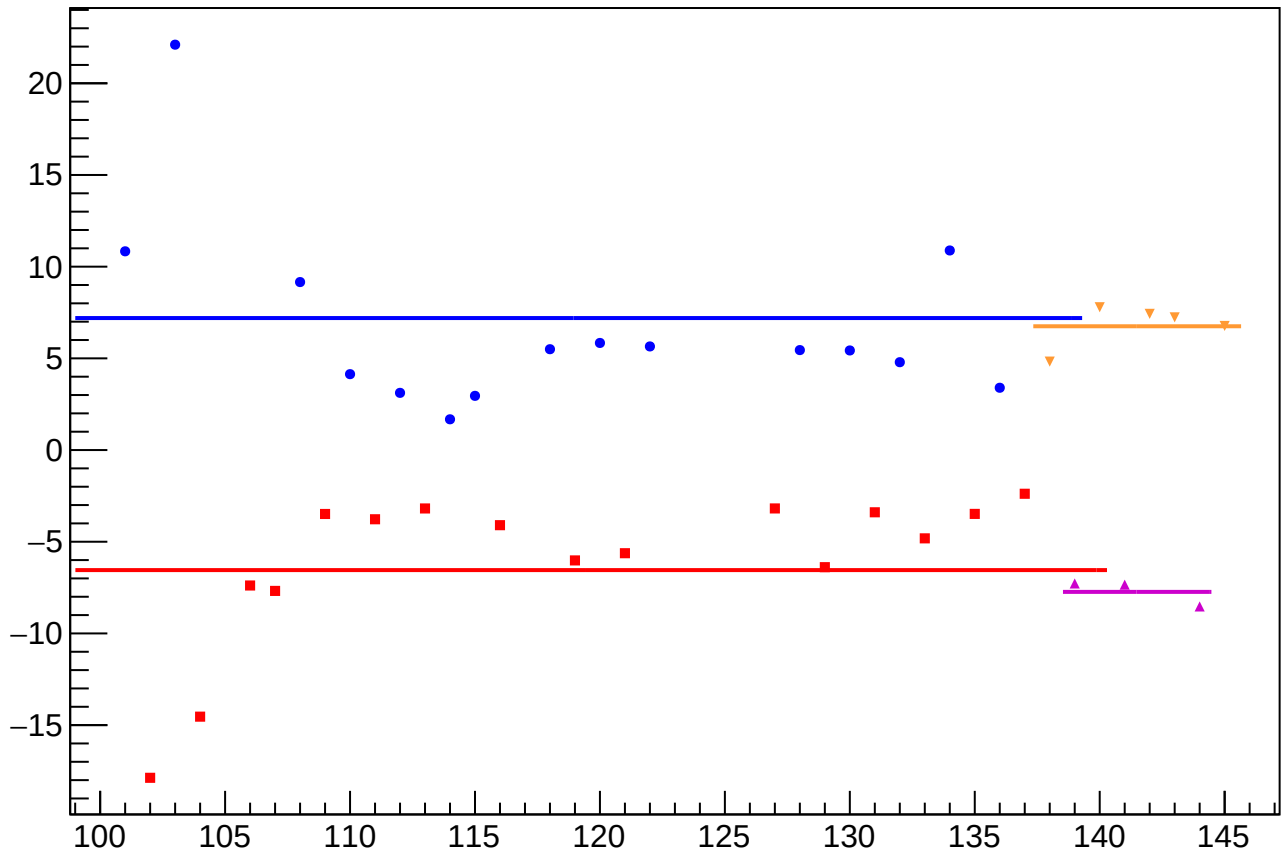
Right In: 141.032 $\pm$ 0.000 χ^2 /NDF: 4507992585512923332587415612245934080.0/14

Left Out: 17.317 $\pm$ 0.000 χ^2 /NDF: 1090352193639805901540032570720256.0/4

Right Out: -144.283 $\pm$ 0.000 χ^2 /NDF: 4268333571517740886065361663928827904.0/15

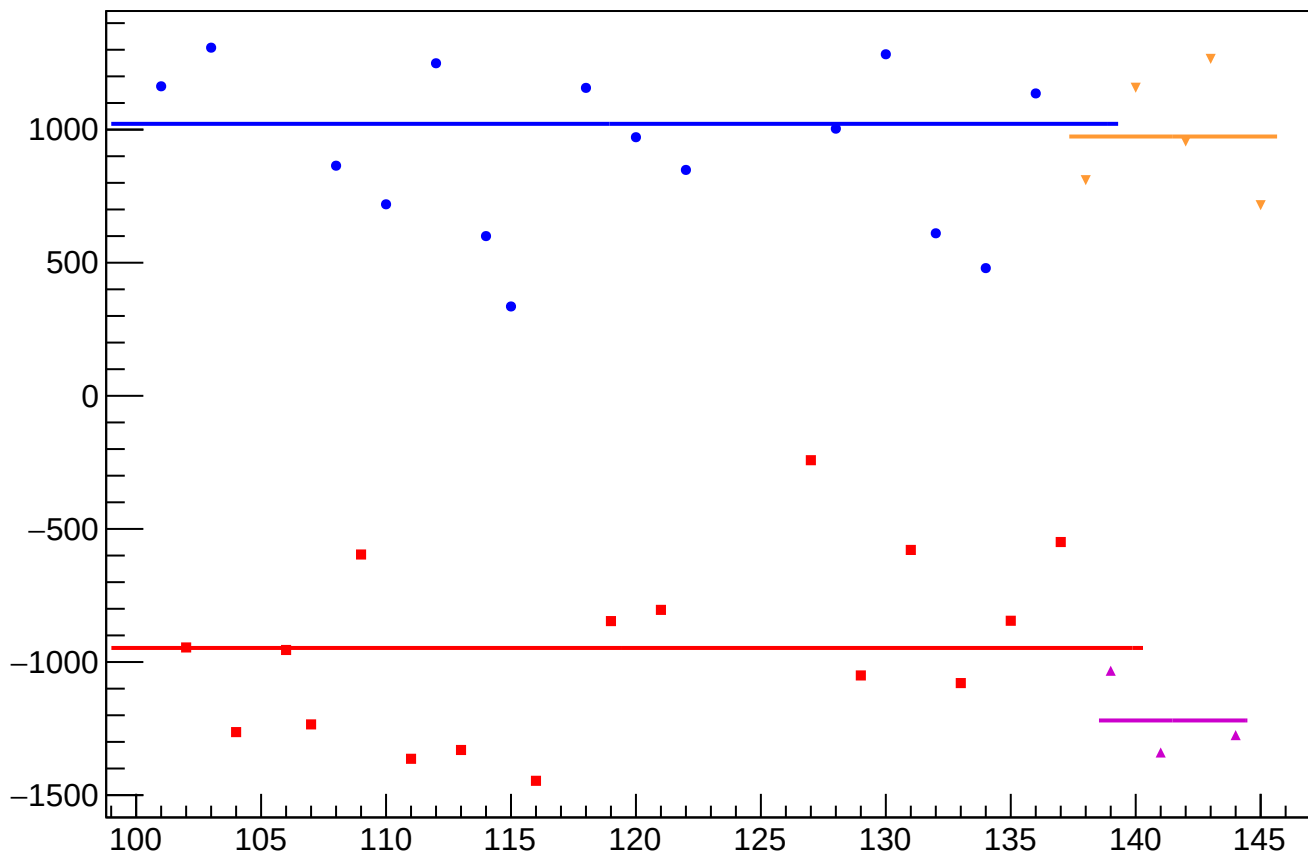
Left In: -22.010 $\pm$ 0.000 χ^2 /NDF: 63171630721435337378905121095680.0/2

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14
 Left Out: 6.749+/-0.000 χ^2/NDF : 414857339965159451222145155203072.0/4
 Right Out: -6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15
 Left In: -7.735+/-0.000 χ^2/NDF : 86387156316927637612993729003520.0/2

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

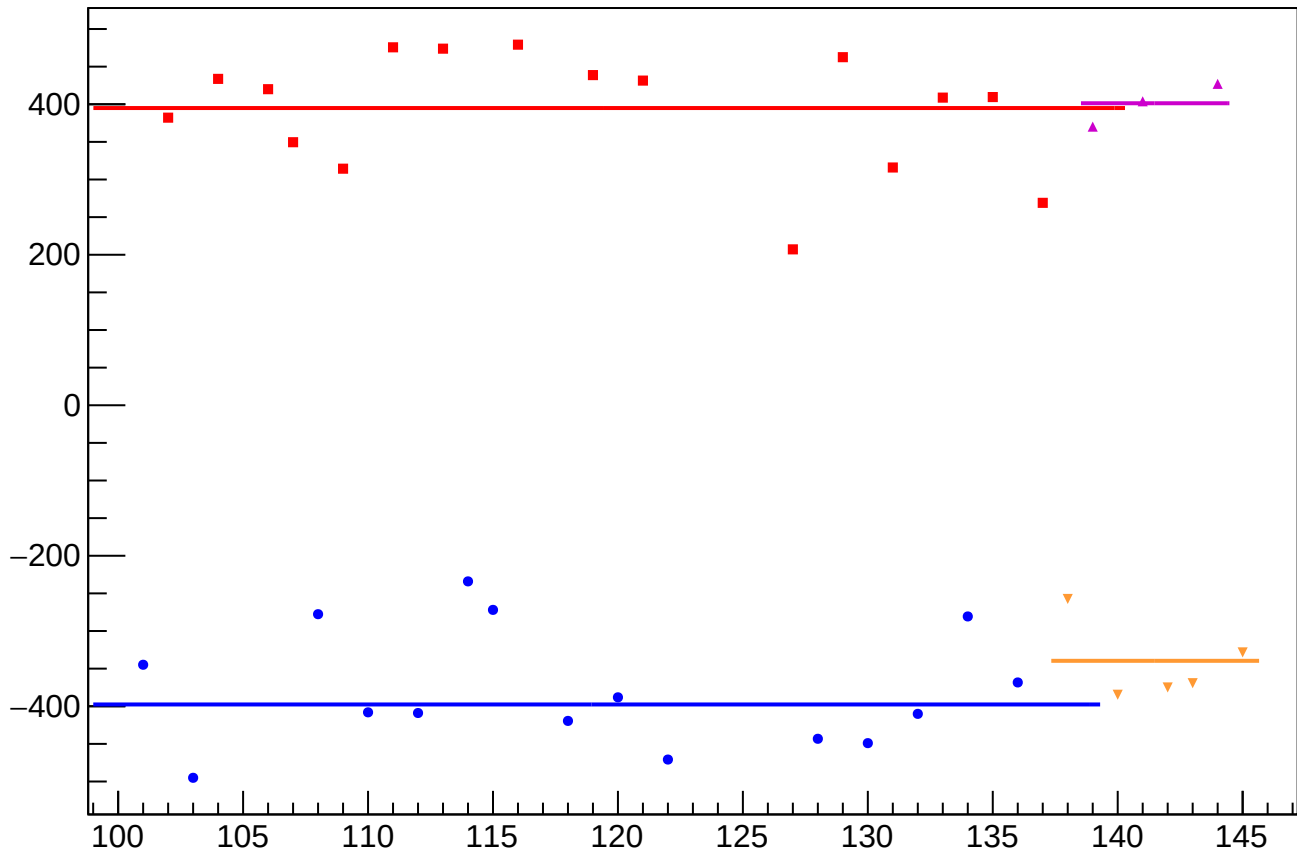
Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

1004.874+/-0.000 χ^2/NDF : 5697182406681956

33.853+/-0.000 χ^2/NDF : 2117272888629

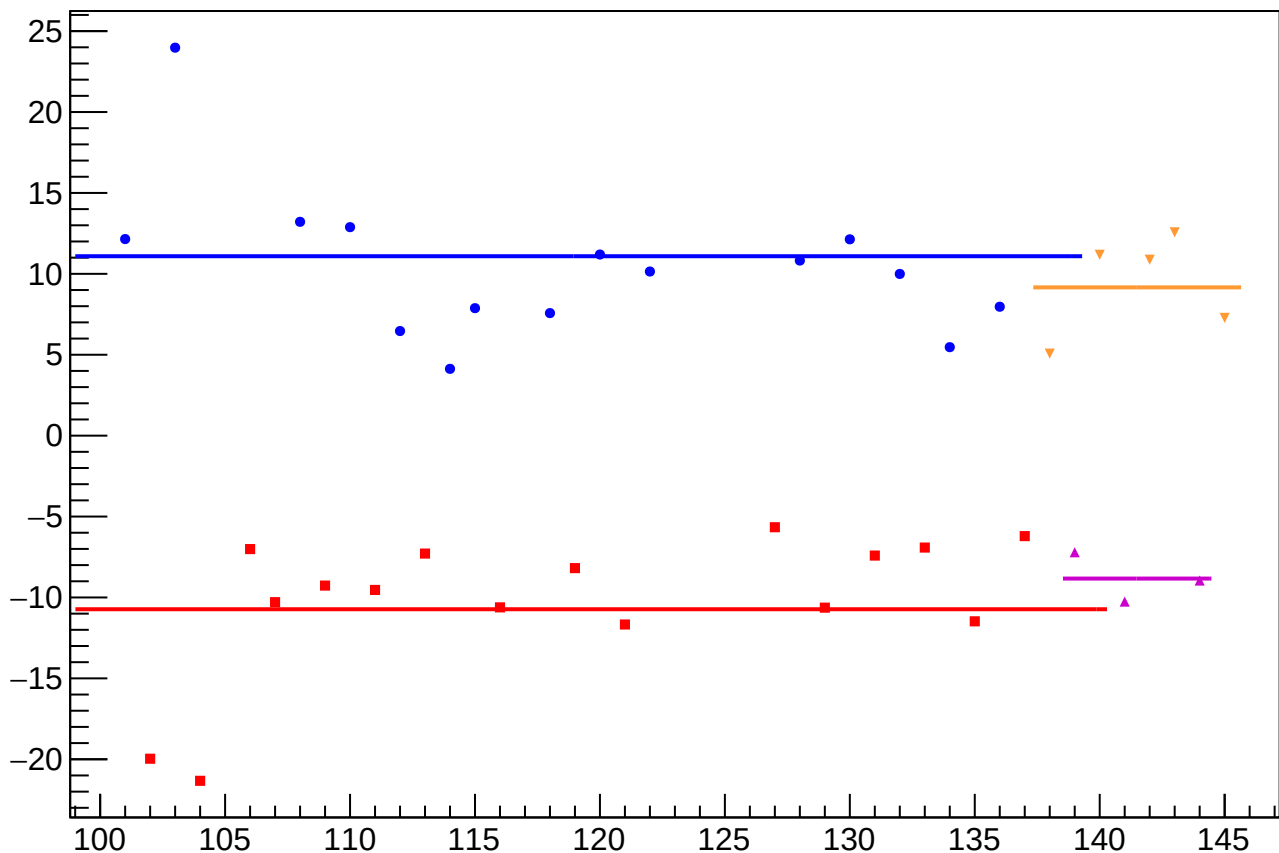
-1022.475+/-0.000 χ^2/NDF : 857956032648845

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14
 Left Out: -339.610+/-0.000 χ^2/NDF : 820815803636268723349505367770923008.0/4
 Right Out: 394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15
 Left In: 401.339+/-0.000 χ^2/NDF : 137975712227954492539046278182469632.0/2

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



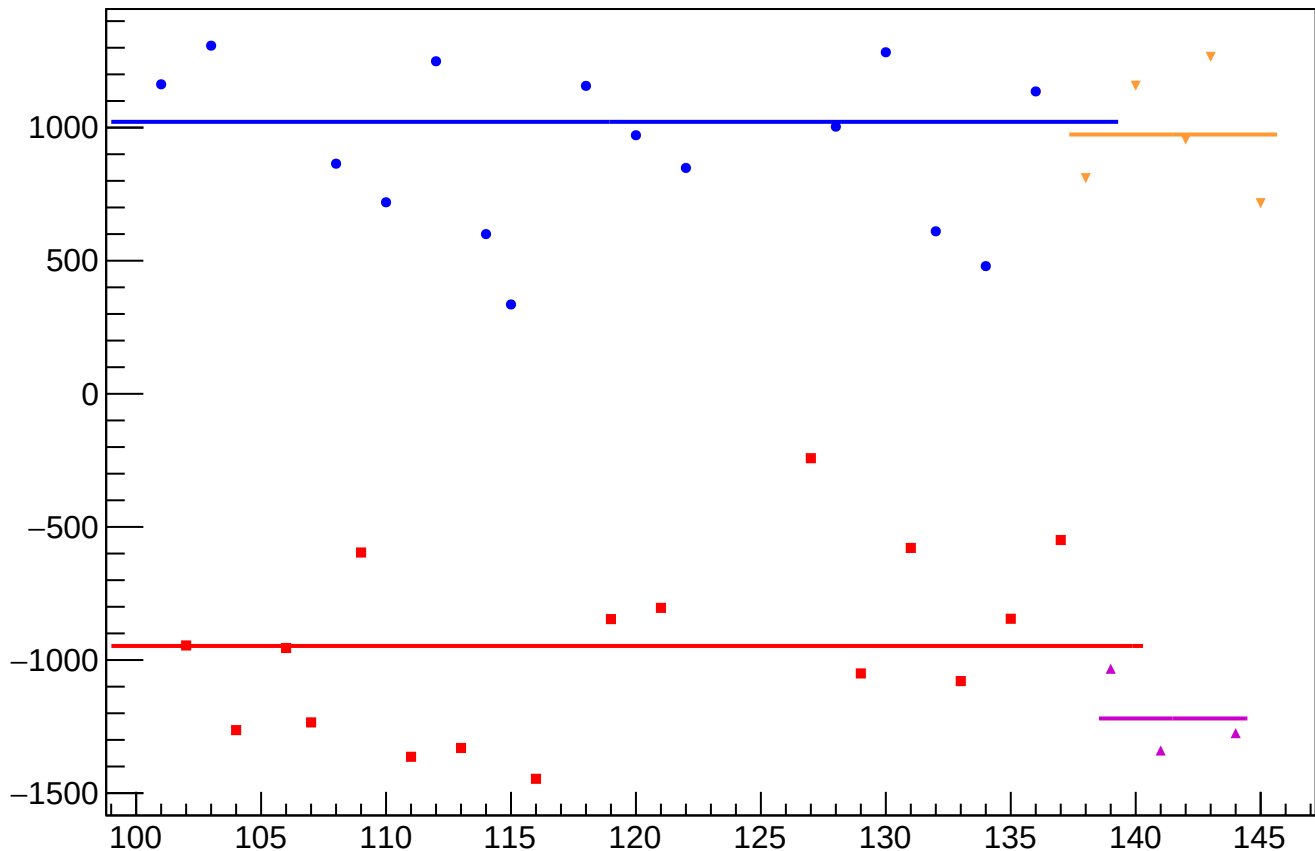
Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

Left Out: 9.163 $\pm$ 0.000 χ^2 /NDF: 2837444934473291576343780441194496.0/4

Right Out: -10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

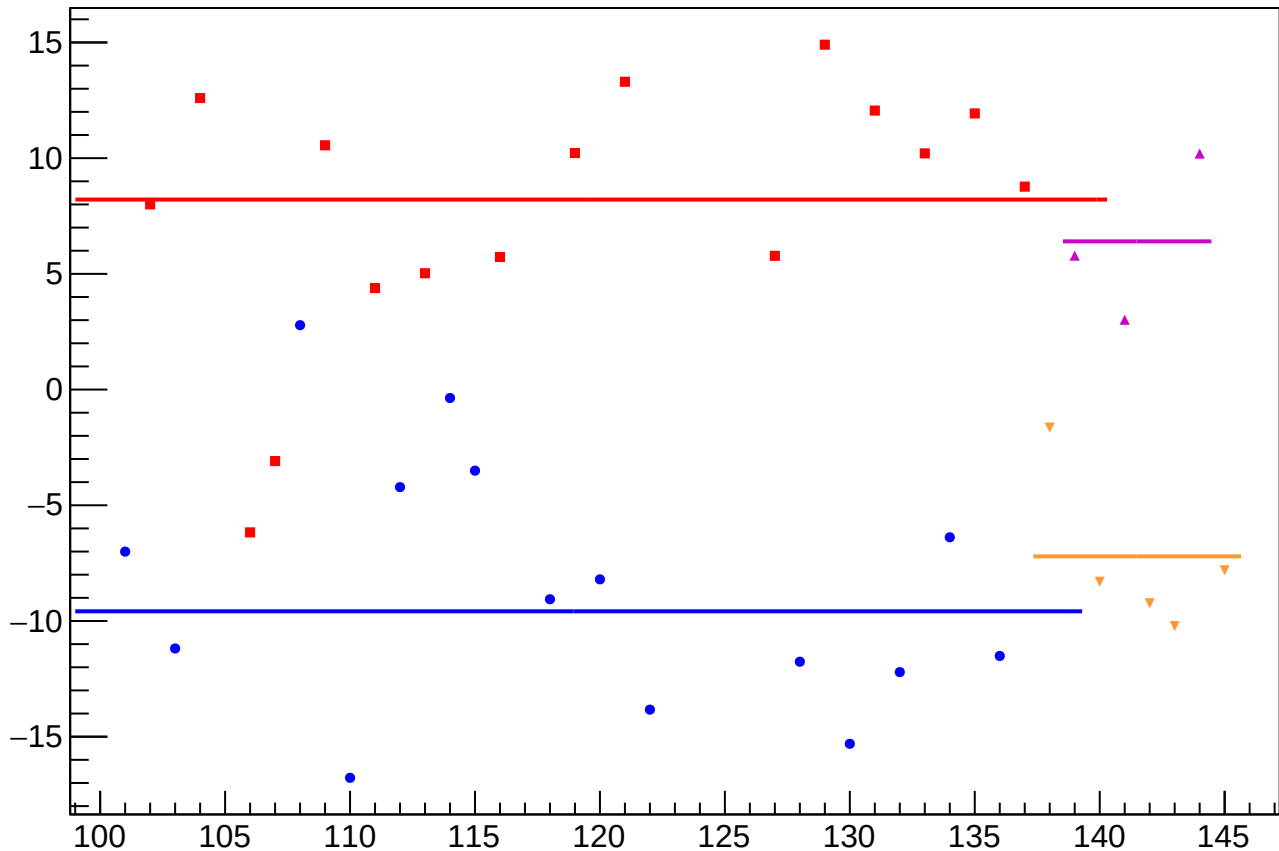
Left In: -8.833 $\pm$ 0.000 χ^2 /NDF: 387620093401073371552326942195712.0/2

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



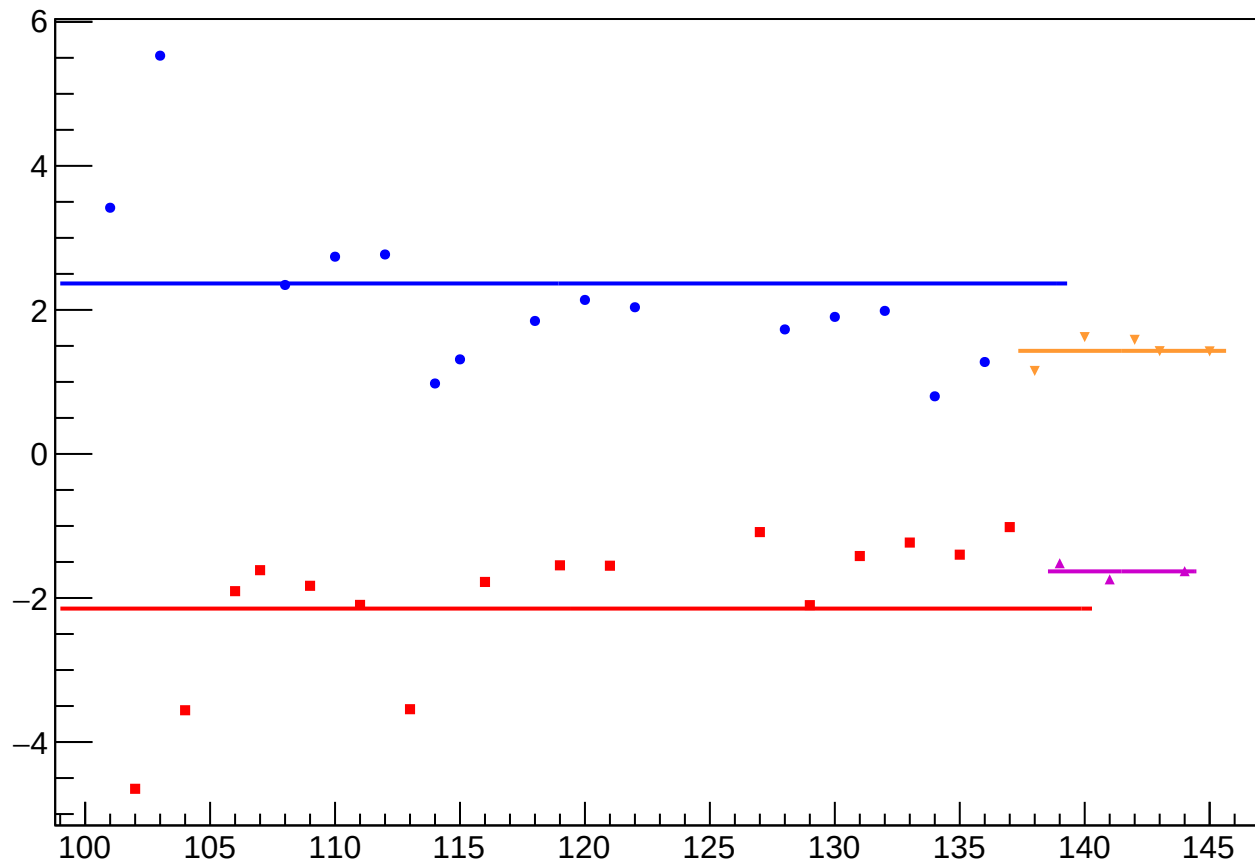
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: -9.582 +/- 0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14
 Left Out: -7.208 +/- 0.000 χ^2/NDF : 3339109494079561676056105834250240.0/4
 Right Out: 8.211 +/- 0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15
 Left In: 6.404 +/- 0.000 χ^2/NDF : 2286356538528806853674457198755840.0/2

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



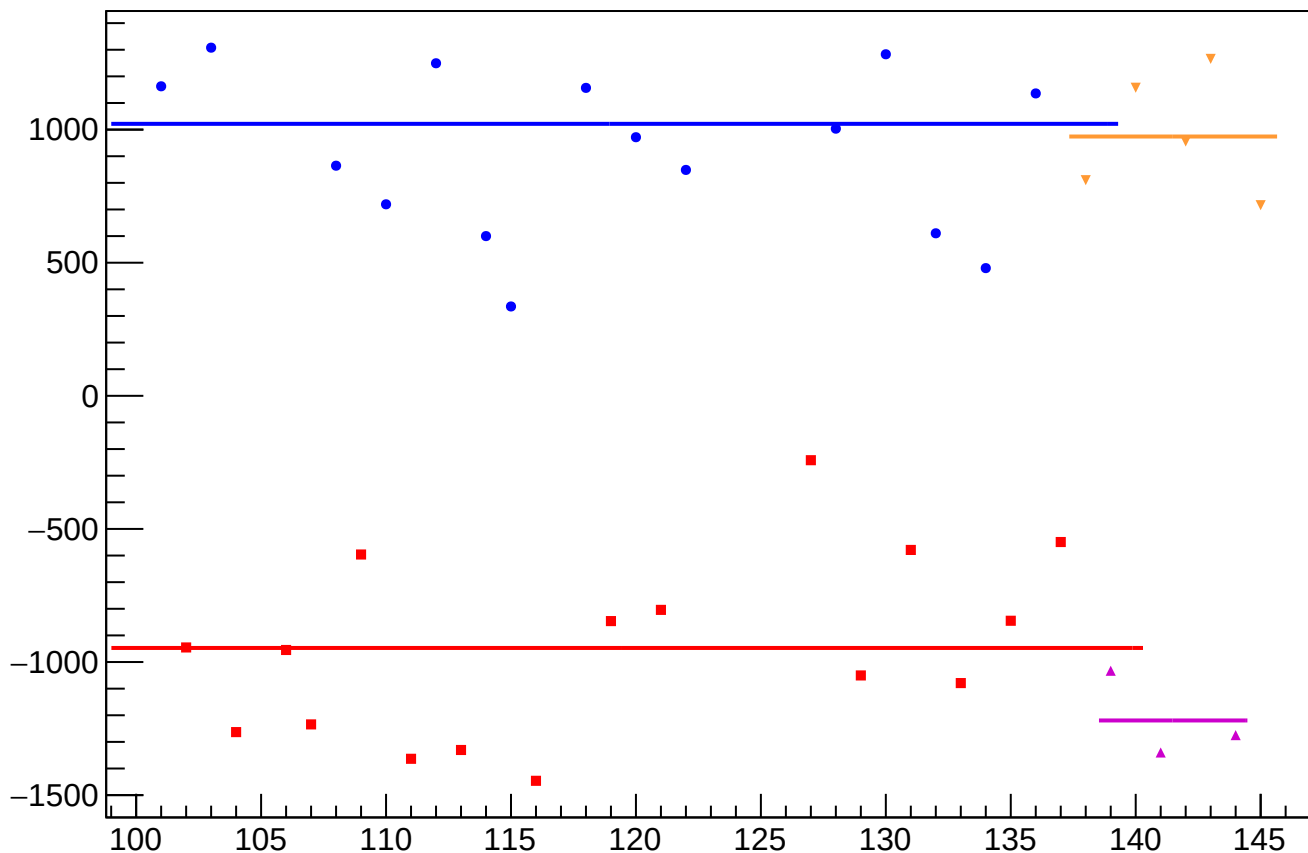
Right In: 2.367+/-0.000 χ^2/NDF : 920633294546152876922066767446016.0/14

Left Out: 1.431+/-0.000 χ^2/NDF : 10139905586181466592896507445248.0/4

Right Out: -2.147+/-0.000 χ^2/NDF : 764171992480224478656127555338240.0/15

Left In: -1.631+/-0.000 χ^2/NDF : 2076564937091778730723465232384.0/2

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



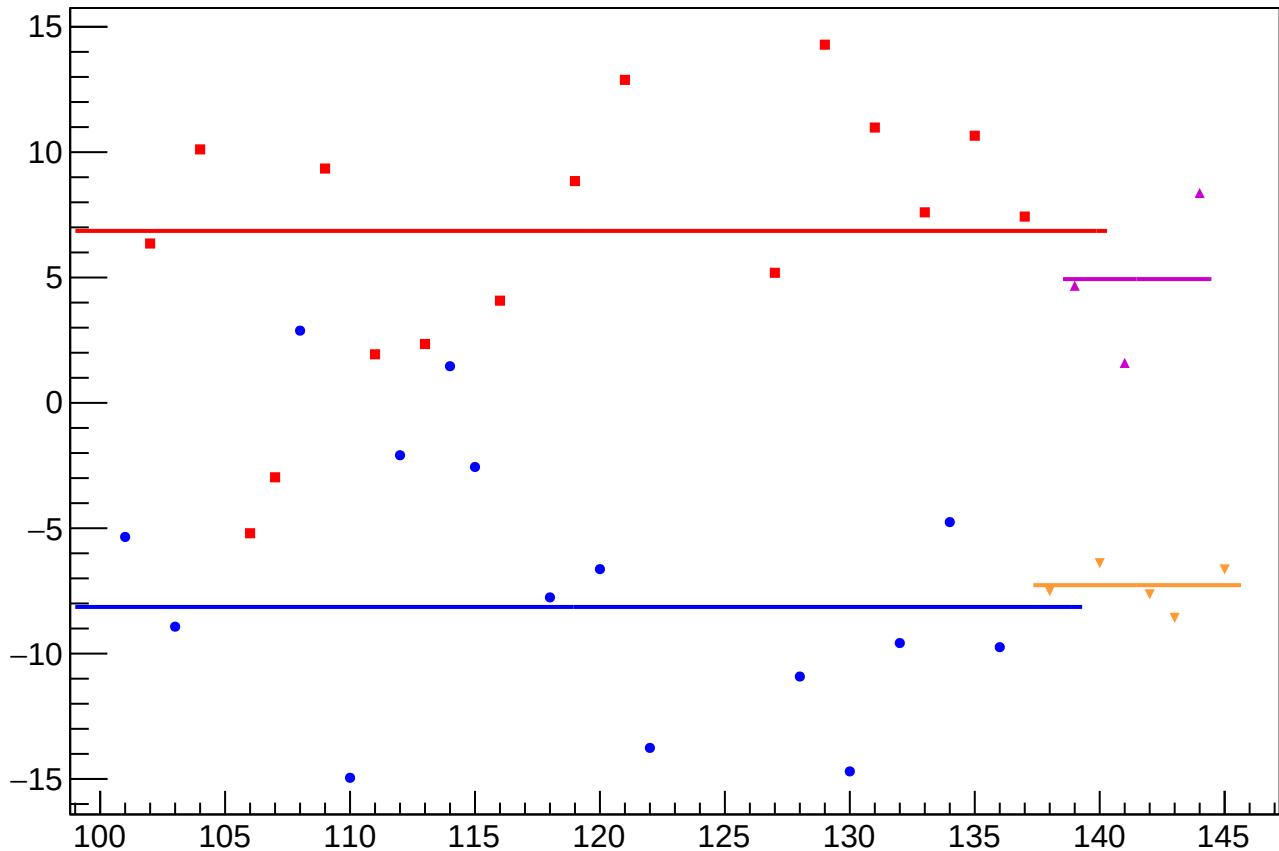
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_4eY_coil7_mean vs Slug, Sign Corrected



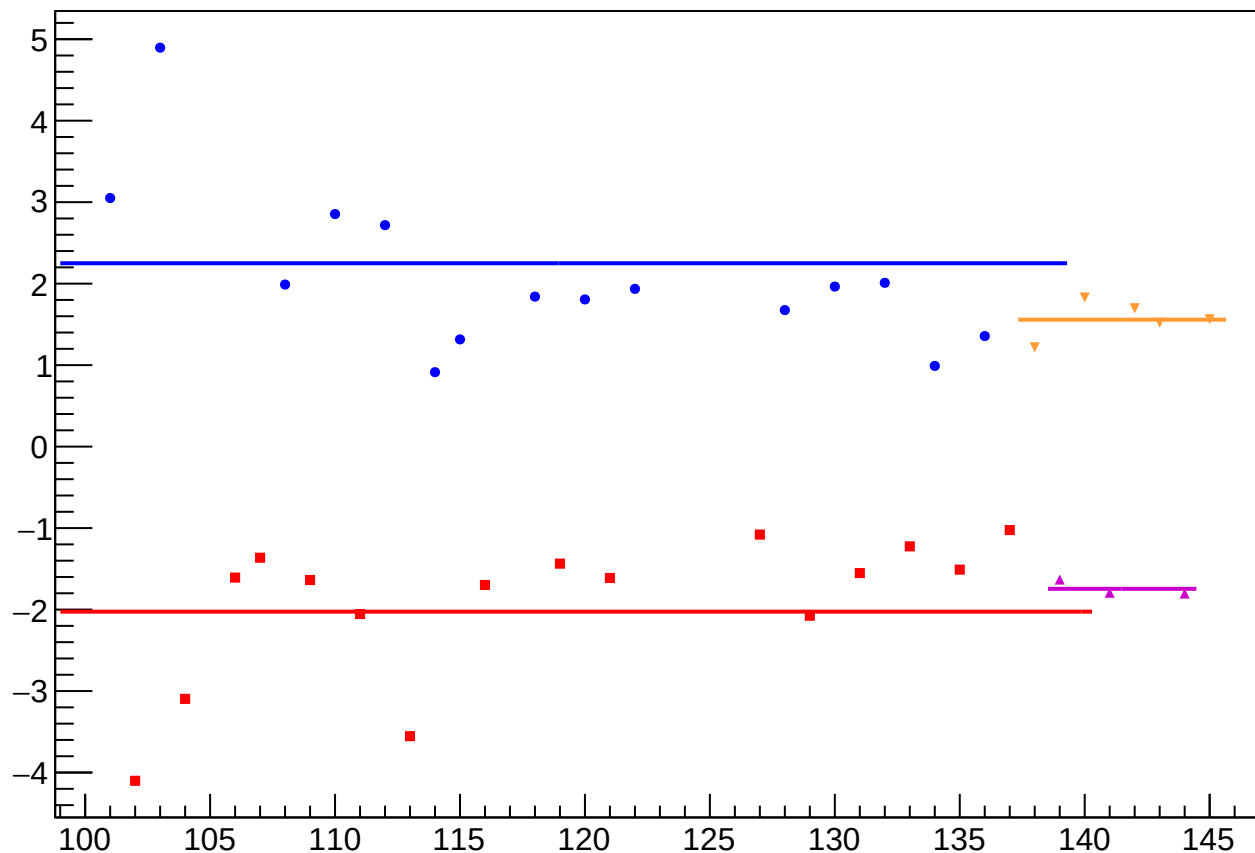
Right In: -8.139+/-0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -7.270+/-0.000 χ^2/NDF : 219477579081195884081256046002176.0/4

Right Out: 6.859+/-0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

Left In: 4.938+/-0.000 χ^2/NDF : 2005779000422122230498559740870656.0/2

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



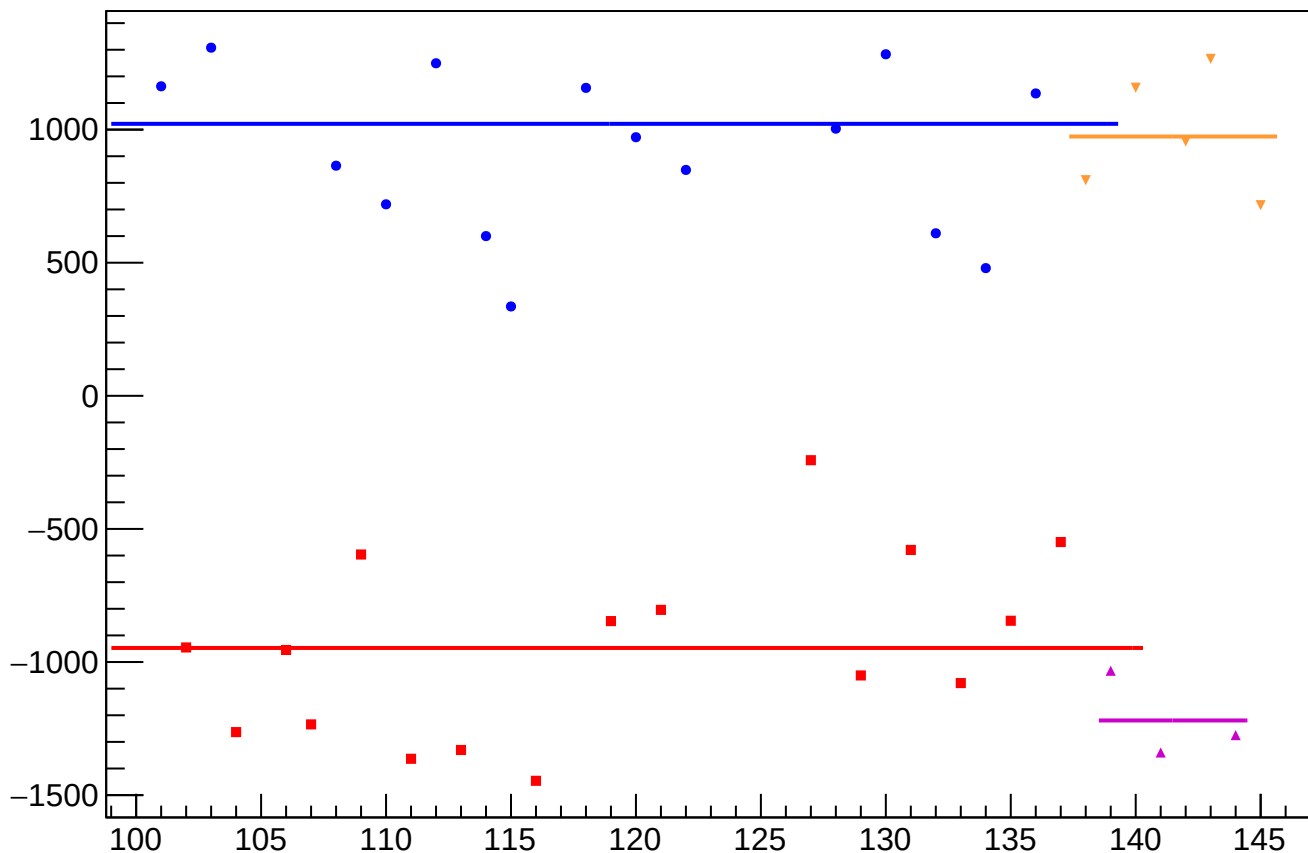
Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14

Left Out: 1.558+/-0.000 χ^2/NDF : 16049469237648337435088415358976.0/4

Right Out: -2.025+/-0.000 χ^2/NDF : 578717441762956454616505599918080.0/15

Left In: -1.745+/-0.000 χ^2/NDF : 1541709448552271189707048615936.0/2

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



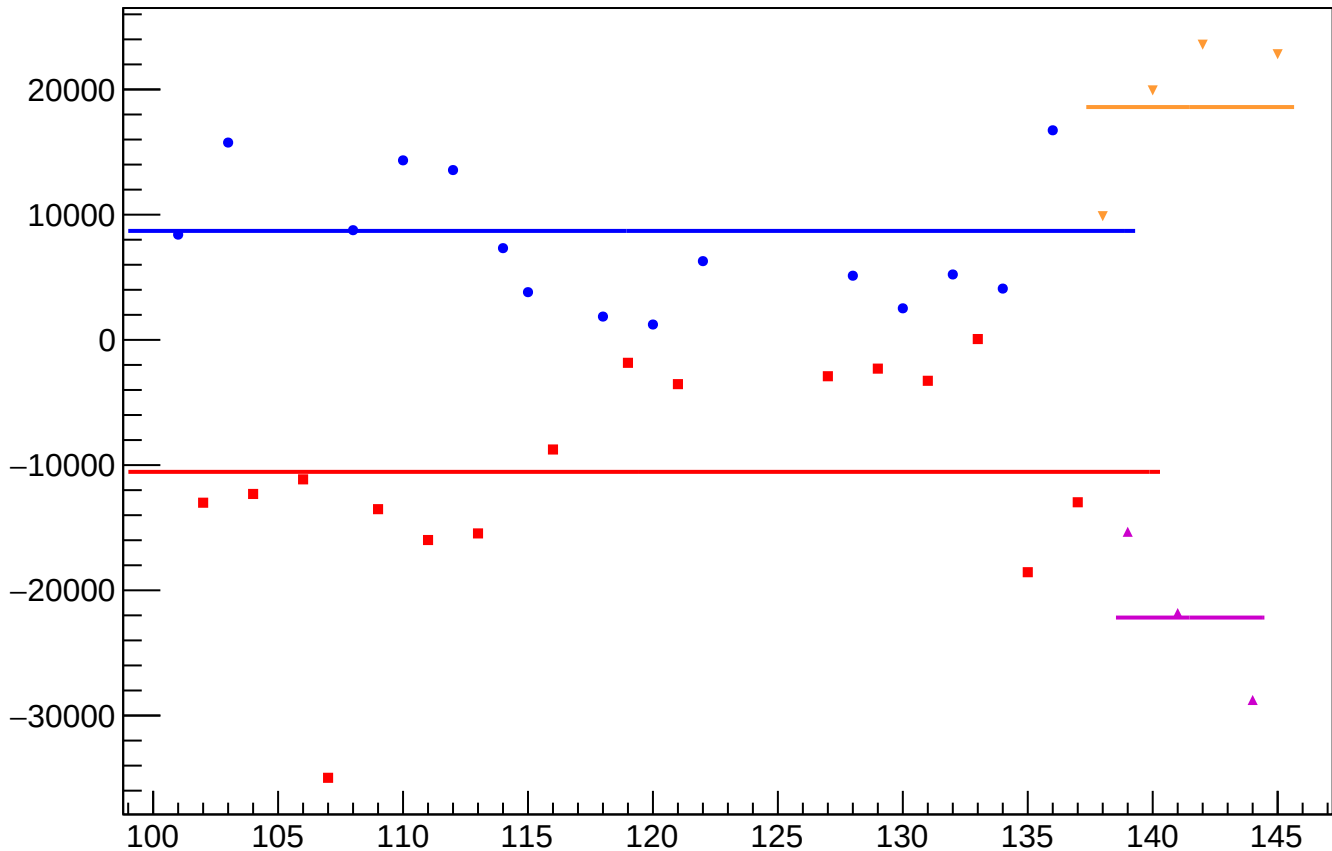
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

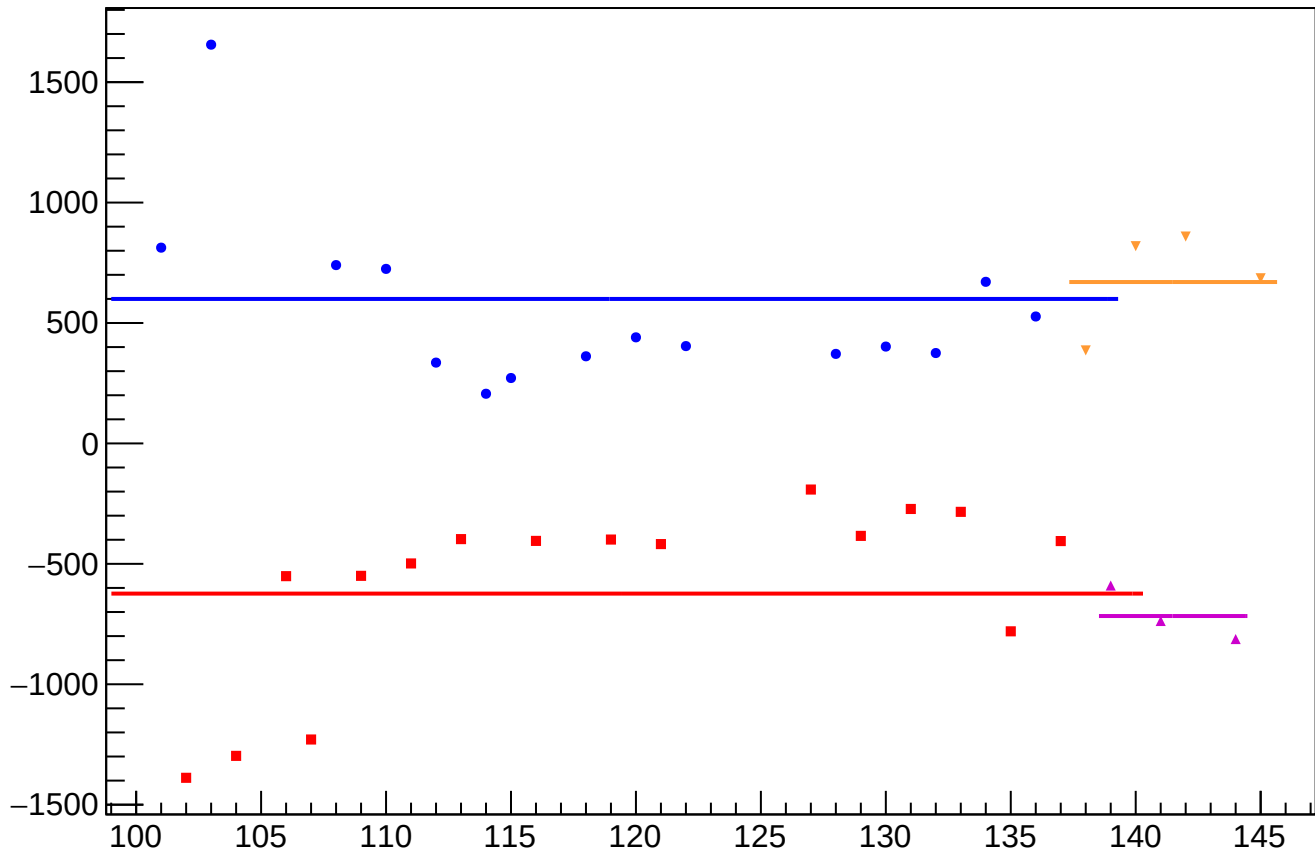
Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 8703.332 $\pm$ 0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 18594.873 $\pm$ 0.000 χ^2/NDF : 8654867639091512789510862374342223724544.0/3
 Right Out: -10539.327 $\pm$ 0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: -22175.836 $\pm$ 0.000 χ^2/NDF : 7669060996601189715266967274711920148480.0/2

dit_usl_coil7_err_mean vs Slug, Sign Corrected



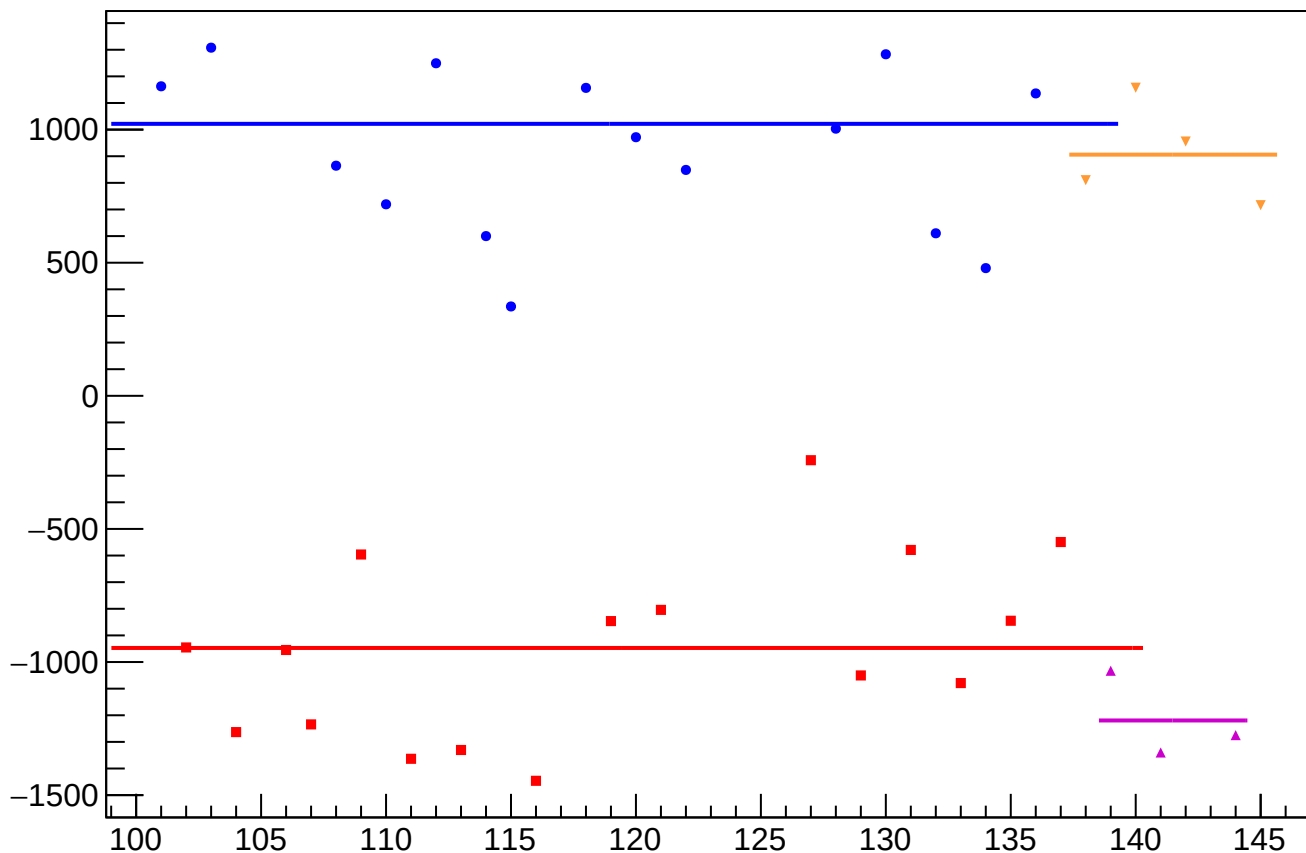
Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 670.110+/-0.000 χ^2/NDF : 9762314580064223986080720250940162048.0/3

Right Out: -623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

Left In: -716.663+/-0.000 χ^2/NDF : 2146821746702083421903081915839152128.0/2

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



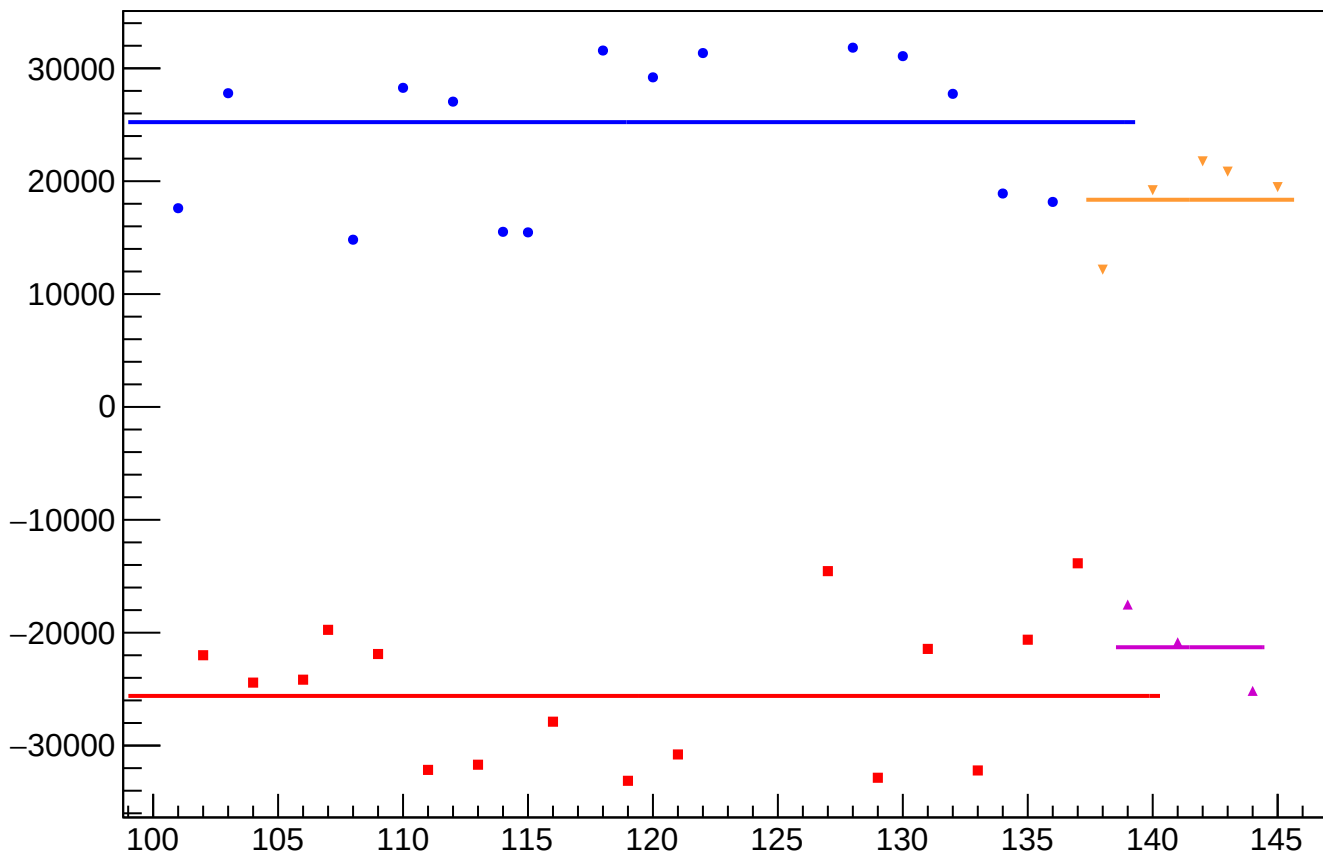
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 905.979 $\pm$ 0.000 χ^2 /NDF: 8931377321680682768942488714049748992.0/3

Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

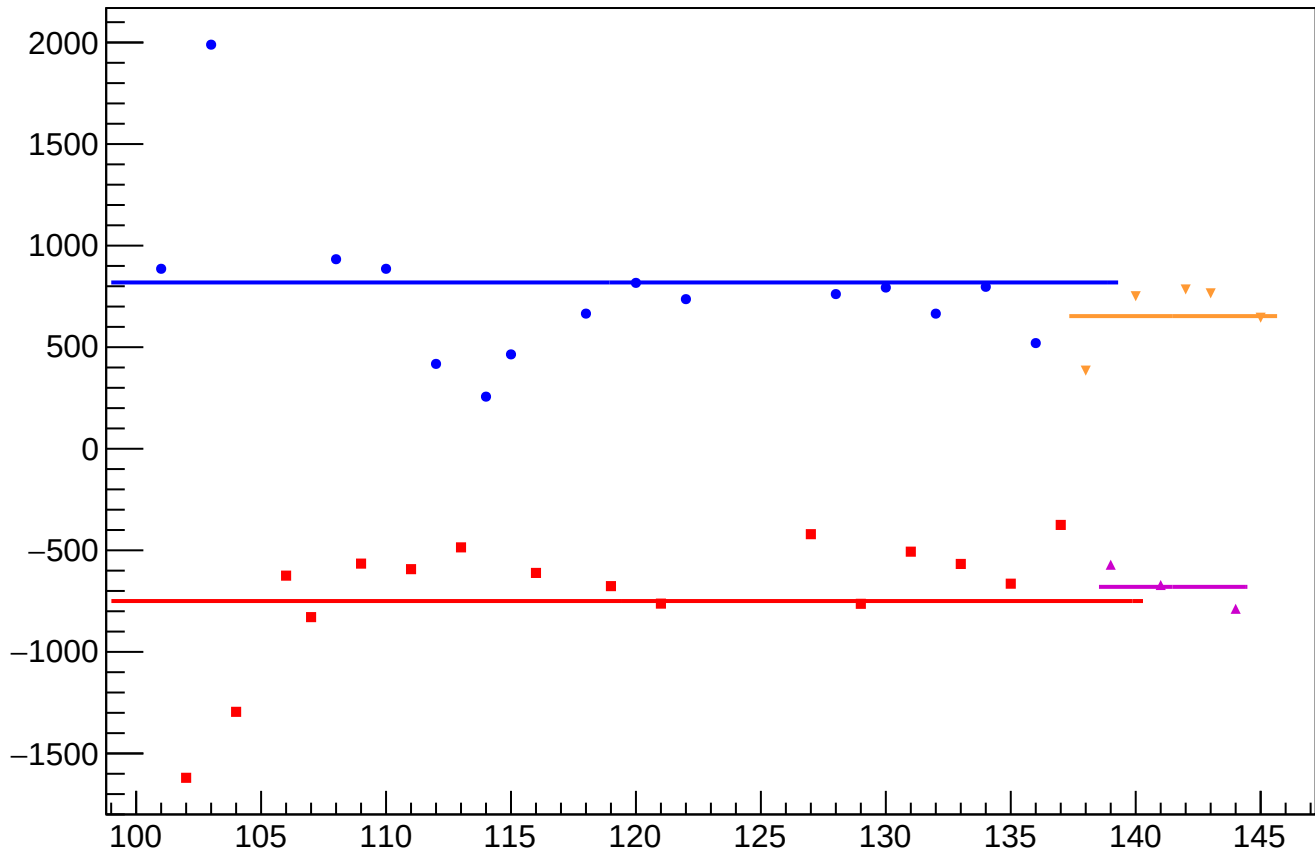
Left In: -1219.514 $\pm$ 0.000 χ^2 /NDF: 4325839922214845015970174629559926784.0/2

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 25232.229 +/- 0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 18356.079 +/- 0.000 χ^2/NDF : 4099954384046490755893019675922383503360.0/4
 Right Out: -25601.388 +/- 0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: -21288.406 +/- 0.000 χ^2/NDF : 2504746071667990936714745163461328633856.0/2

dit_usr_coil7_err_mean vs Slug, Sign Corrected



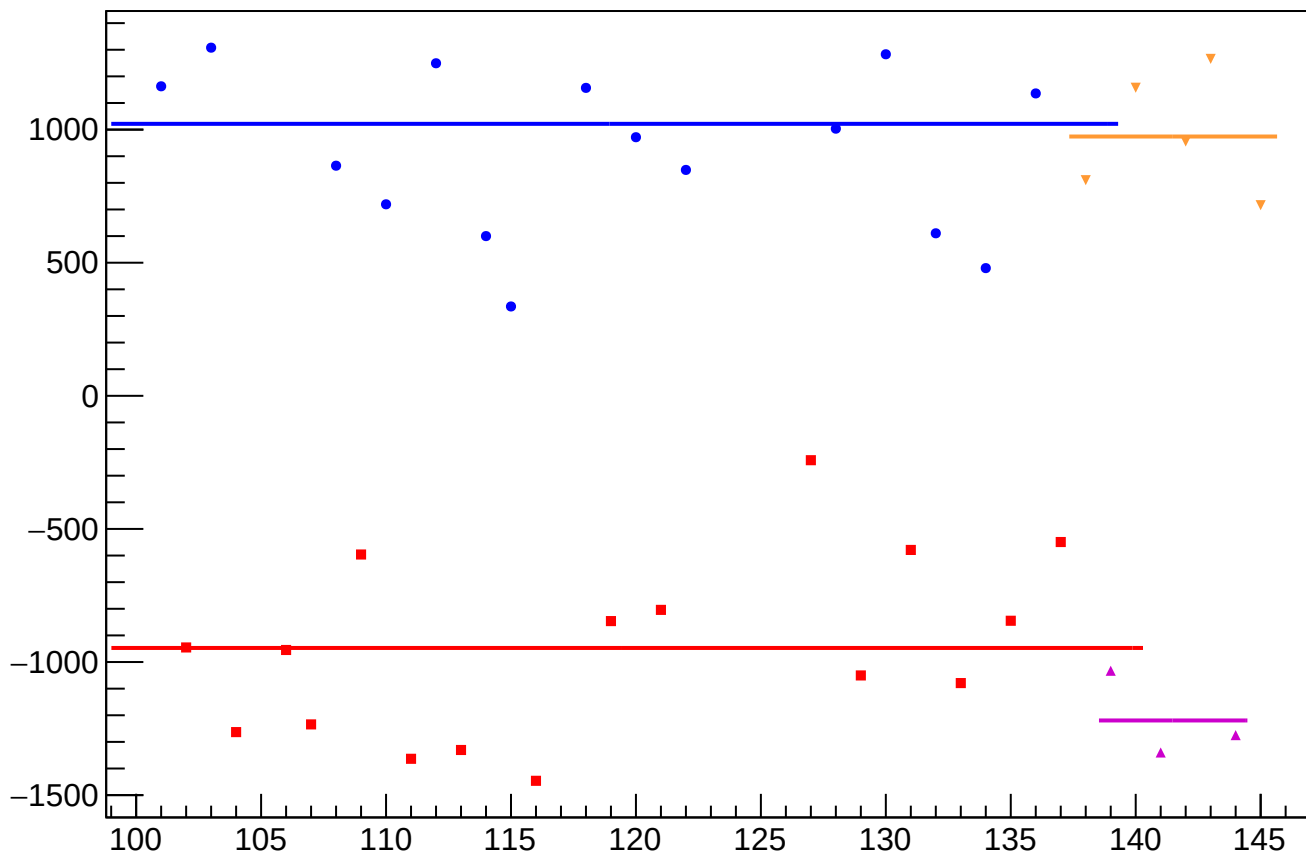
Right In: 818.668 +/- 0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 652.987 +/- 0.000 χ^2/NDF : 8043222145454992415081293253523275776.0/4

Right Out: -749.661 +/- 0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

Left In: -679.850 +/- 0.000 χ^2/NDF : 2005809881553195199400467556150018048.0/2

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



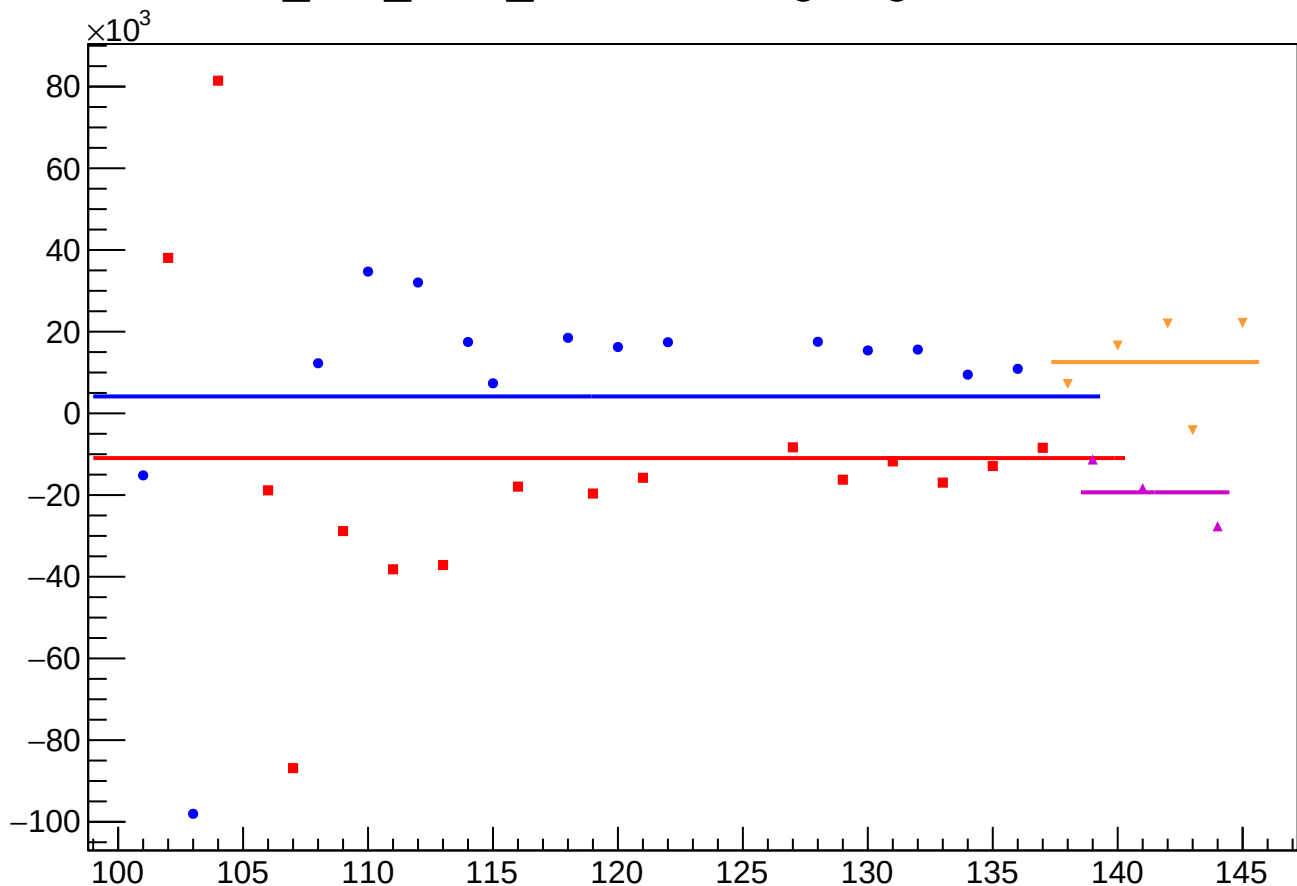
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

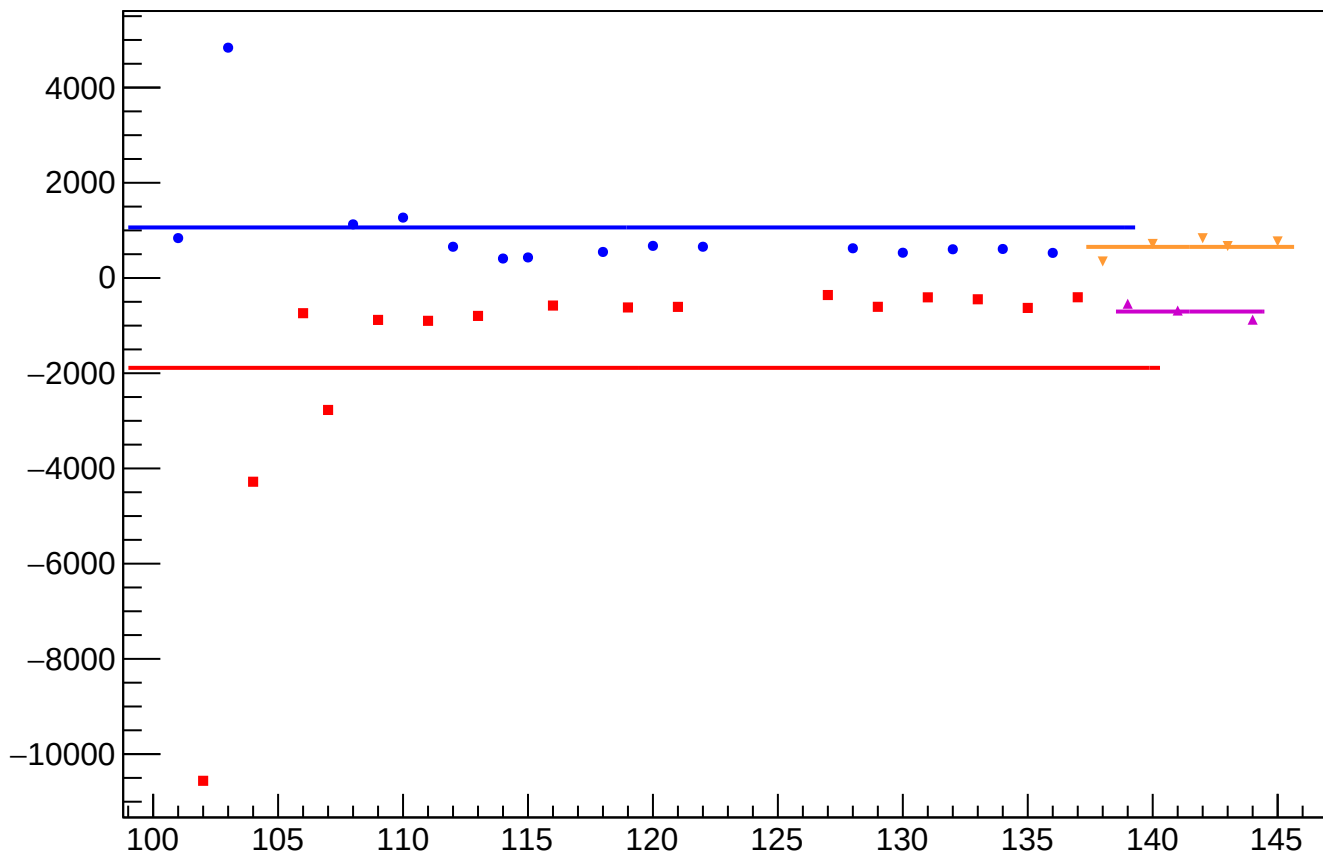
Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 4145.268+/-0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 12565.740+/-0.000 χ^2/NDF : 33759591290714946935781001849222723534848.0/4
 Right Out: -10948.073+/-0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: -19335.093+/-0.000 χ^2/NDF : 11461055601755882388825876609185863434240.0/2

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



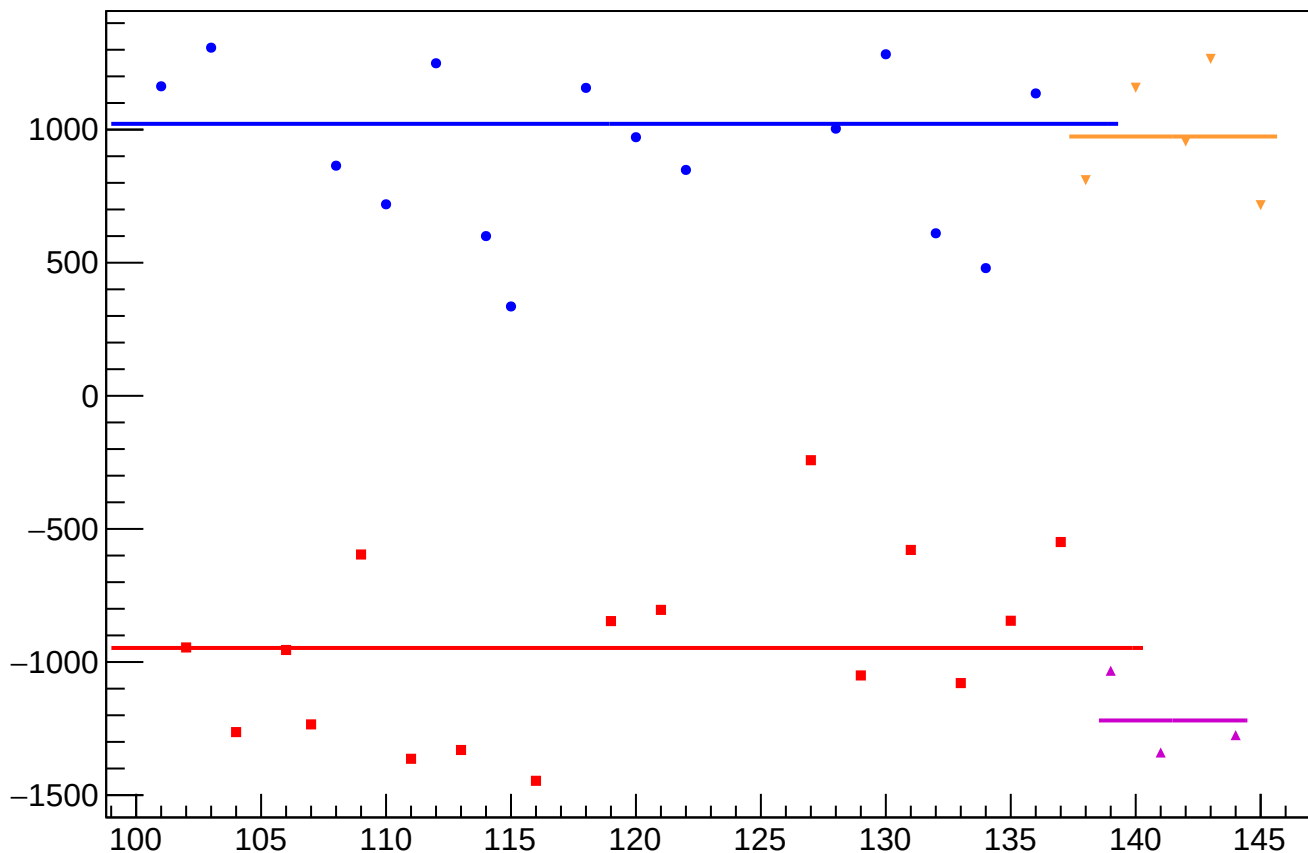
Right In: 1062.141 +/- 0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 653.555 +/- 0.000 χ^2/NDF : 10241891079339078679100359464208826368.0/4

Right Out: -1887.077 +/- 0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15

Left In: -704.567 +/- 0.000 χ^2/NDF : 4815331616905876433510704978749030400.0/2

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



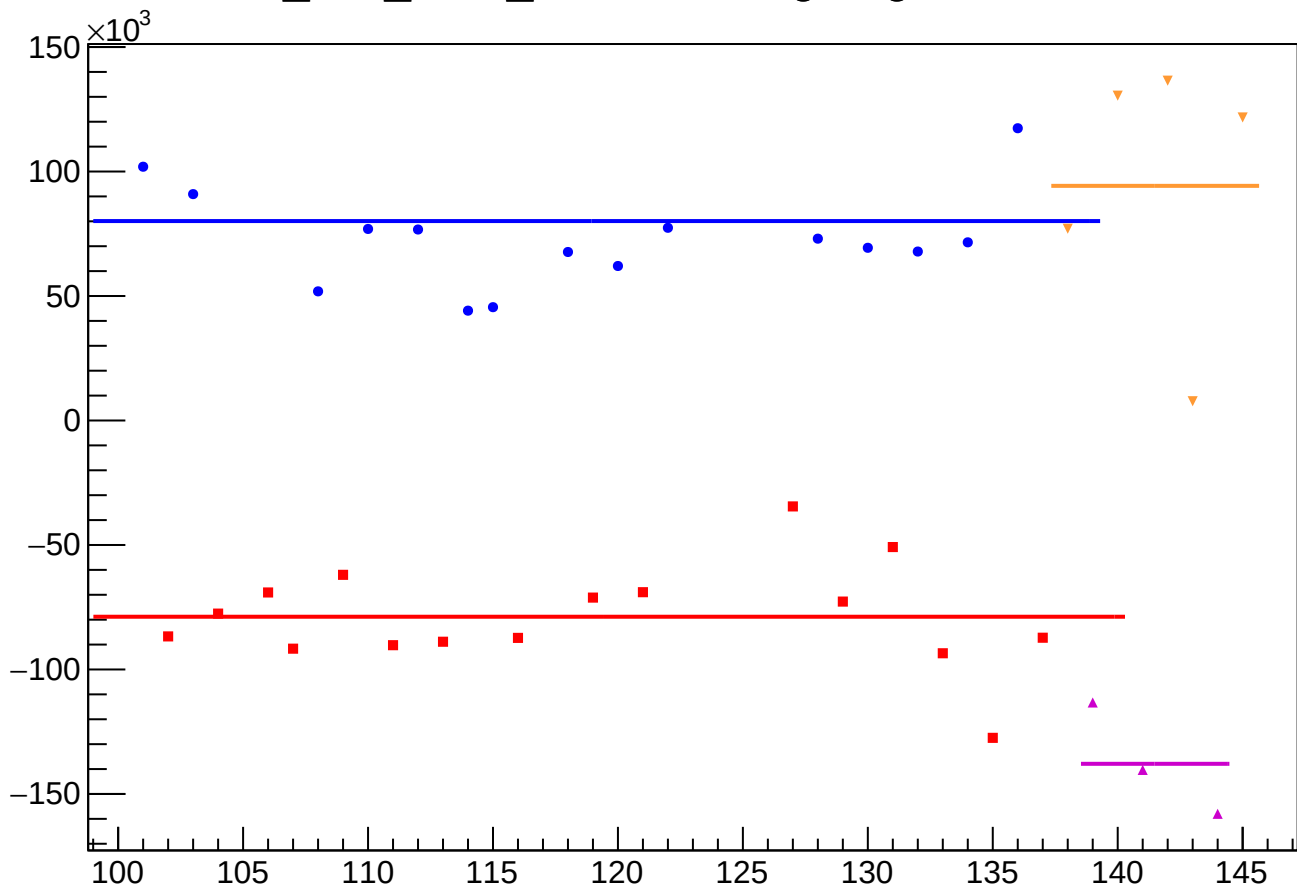
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

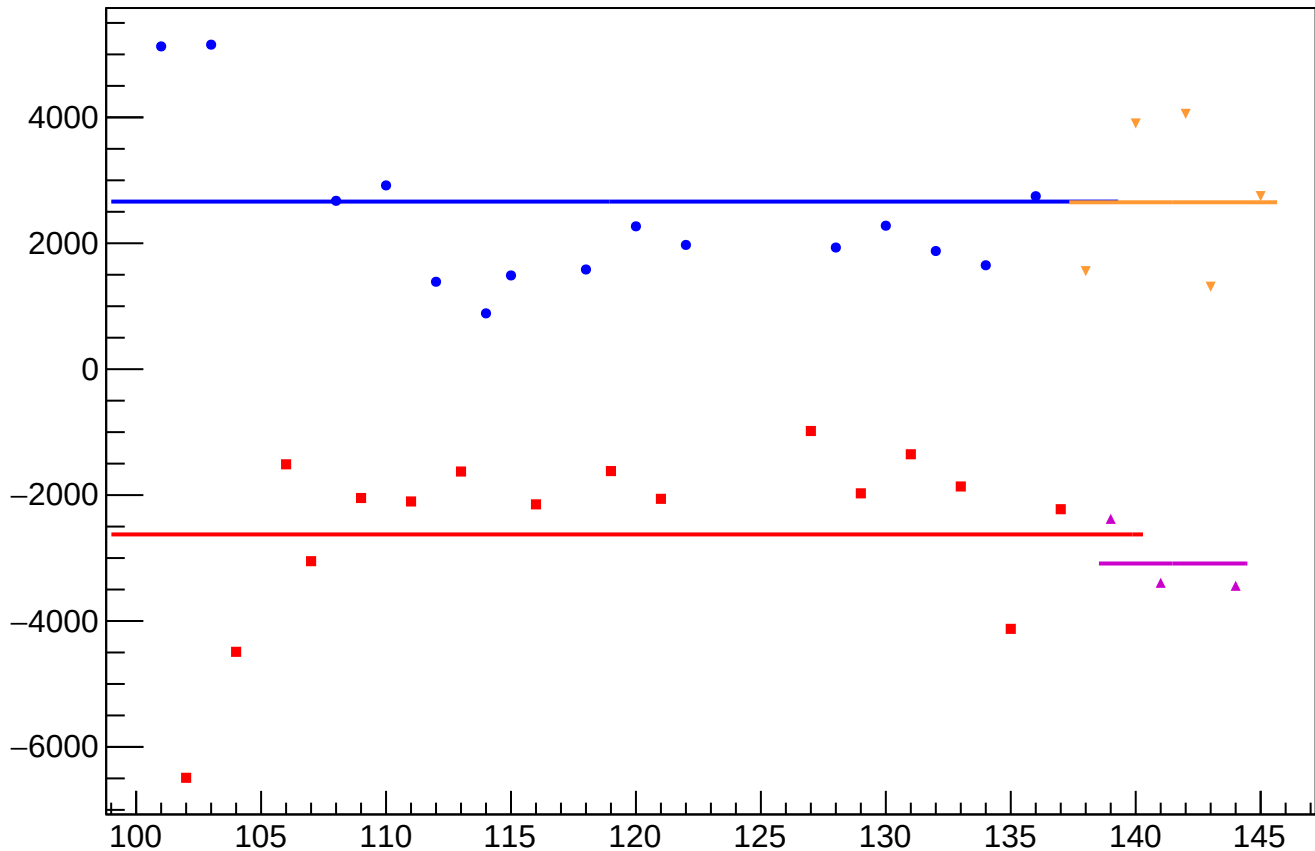
Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_atl2_coil7_mean vs Slug, Sign Corrected



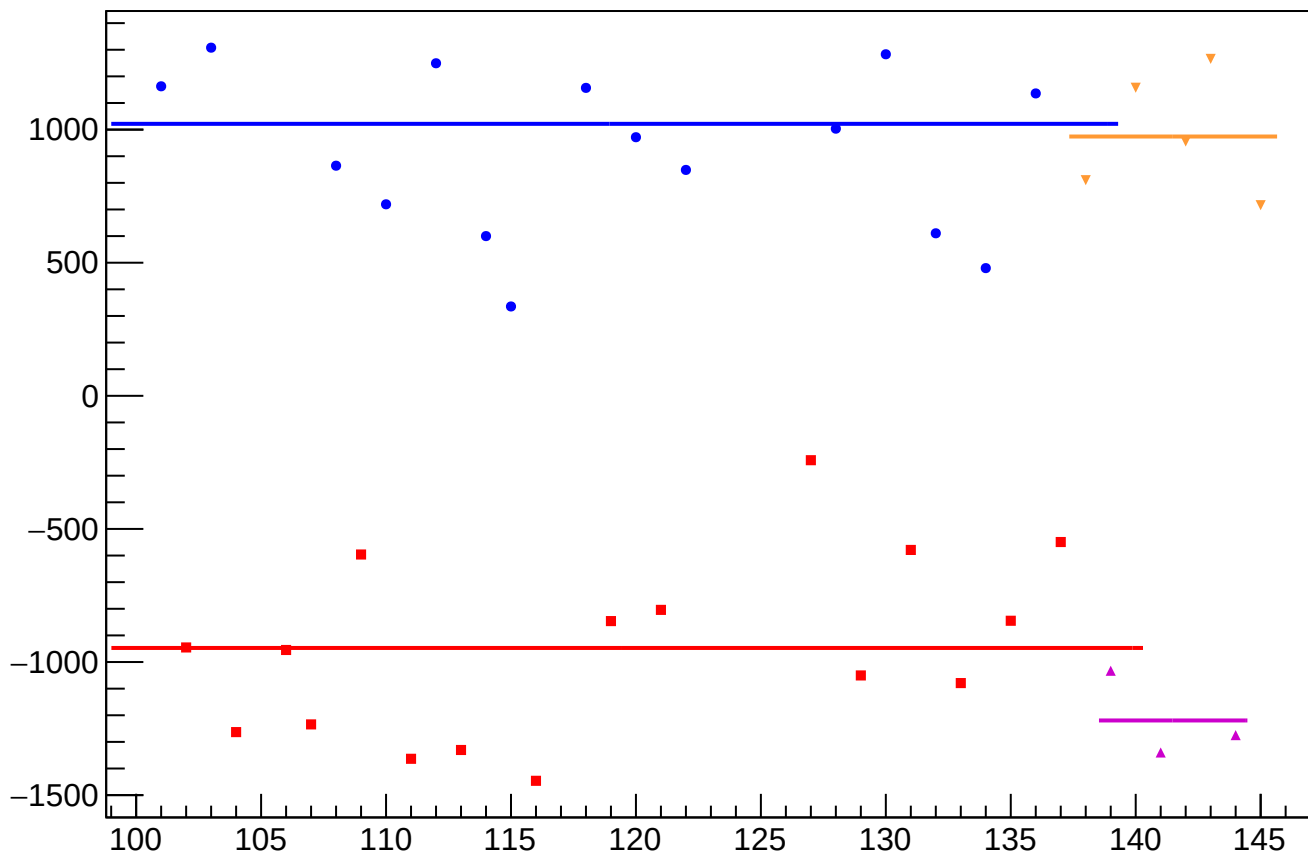
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 94244.867 $\pm$ 0.000 χ^2 /NDF: 775408159984507301541359918237649765138432.0/4
 Right Out: -78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: -137891.069 $\pm$ 0.000 χ^2 /NDF: 85524431460086086404705813918643587645440.0/2

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 2662.183+/-0.000	χ^2/NDF : 1031389230165640157864439705583367487488.0/14
Left Out: 2651.057+/-0.000	χ^2/NDF : 433940412385492804207203391213441908736.0/4
Right Out: -2624.696+/-0.000	χ^2/NDF : 1566705216866534713590934835660406652928.0/15
Left In: -3086.643+/-0.000	χ^2/NDF : 59879180002089642709418111730448334848.0/2

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



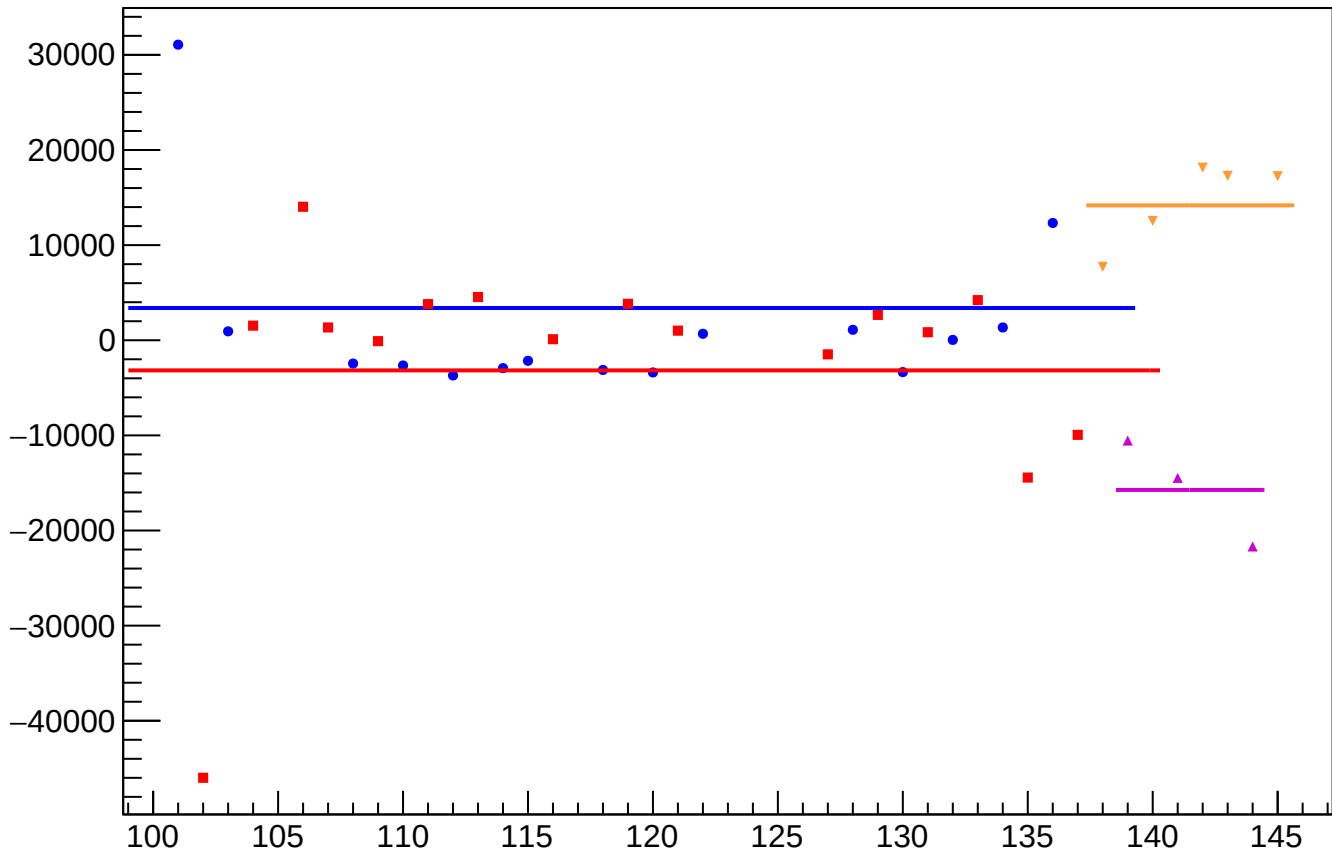
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

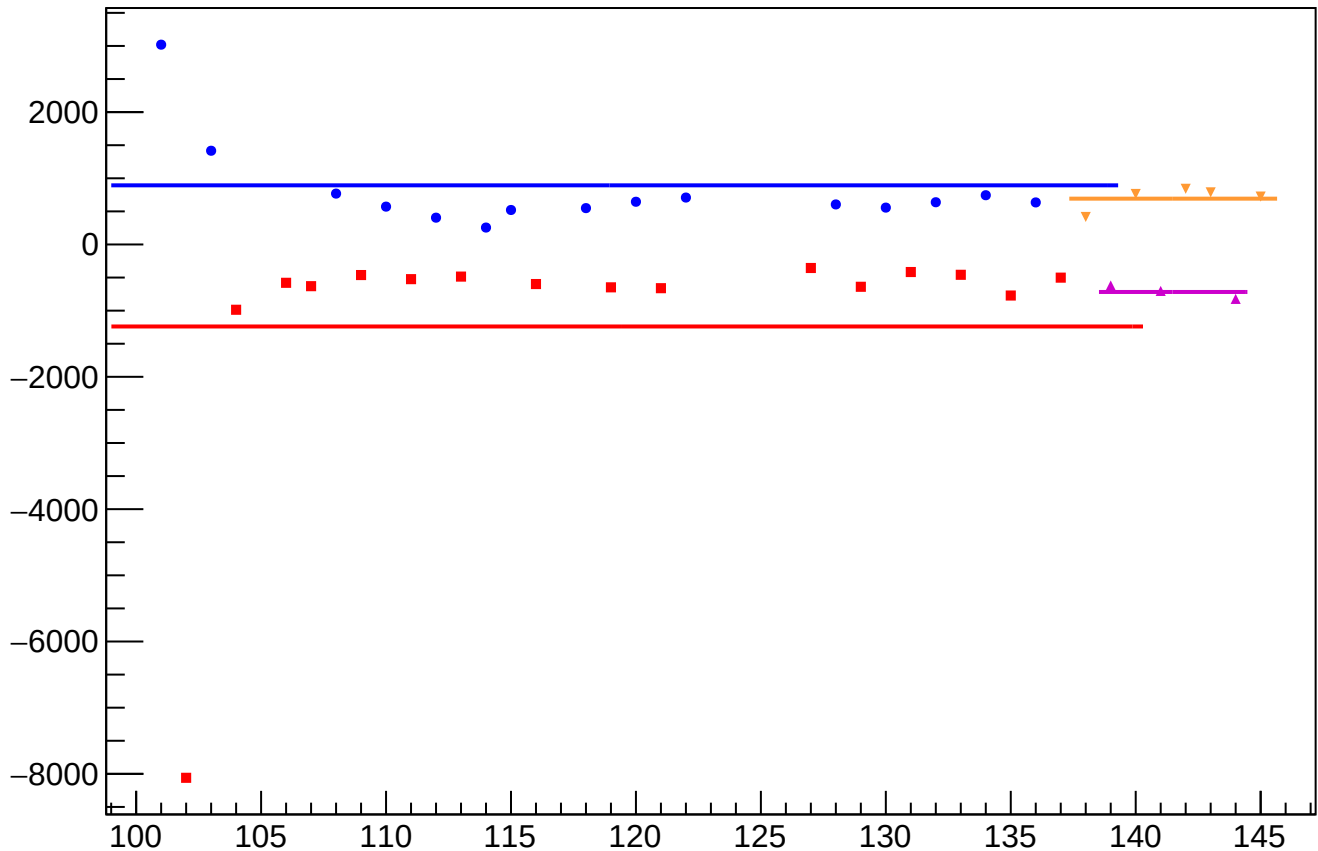
Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 3390.550 $\pm$ 0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 14179.704 $\pm$ 0.000 χ^2/NDF : 5605292275790215505855050427755952865280.0/4
 Right Out: -3167.396 $\pm$ 0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: -15735.525 $\pm$ 0.000 χ^2/NDF : 5463394880244639283777058351880272347136.0/2

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



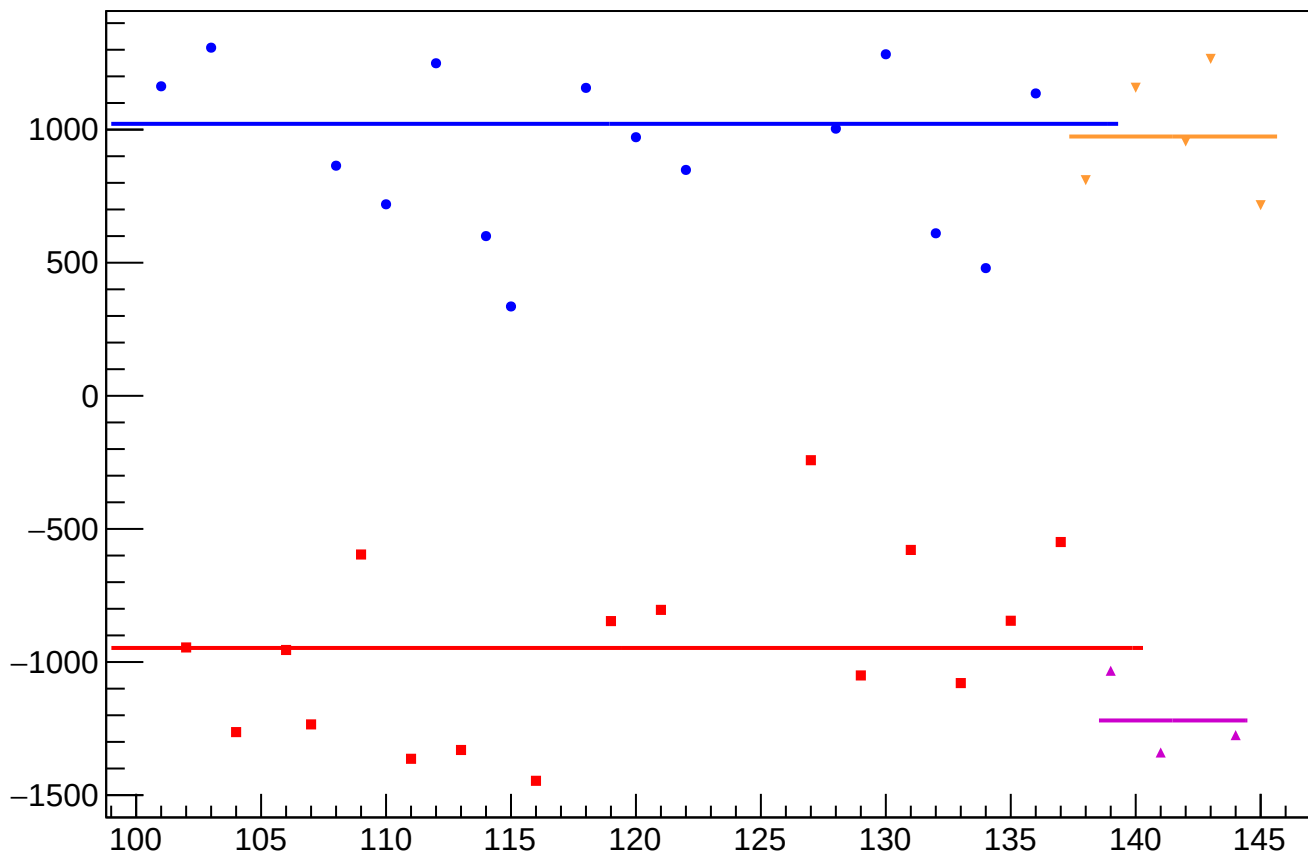
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 692.363+/-0.000 χ^2/NDF : 8088787099935647128770885809281695744.0/4

Right Out: -1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

Left In: -717.871+/-0.000 χ^2/NDF : 1774370087086829203611994102993780736.0/2

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



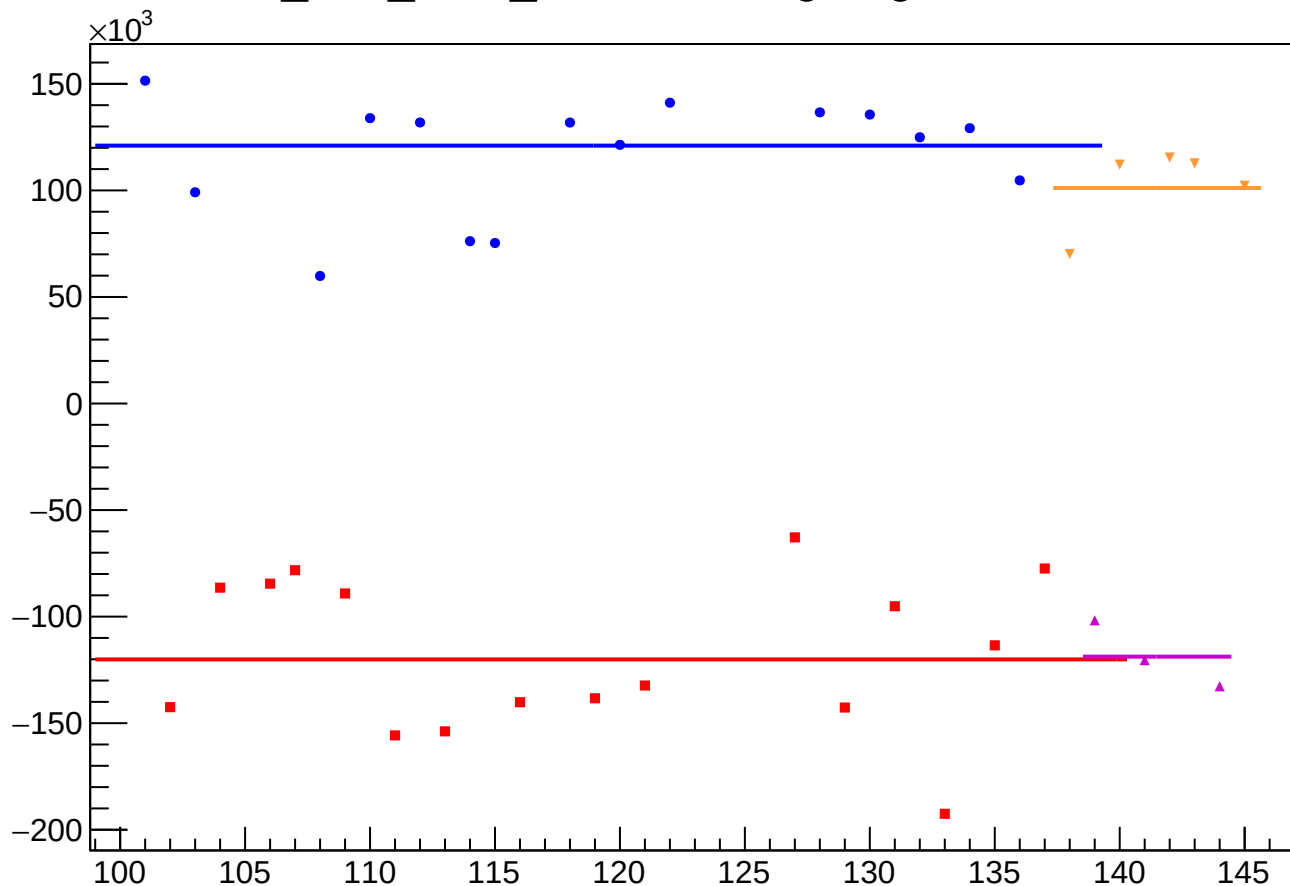
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056 ± 0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

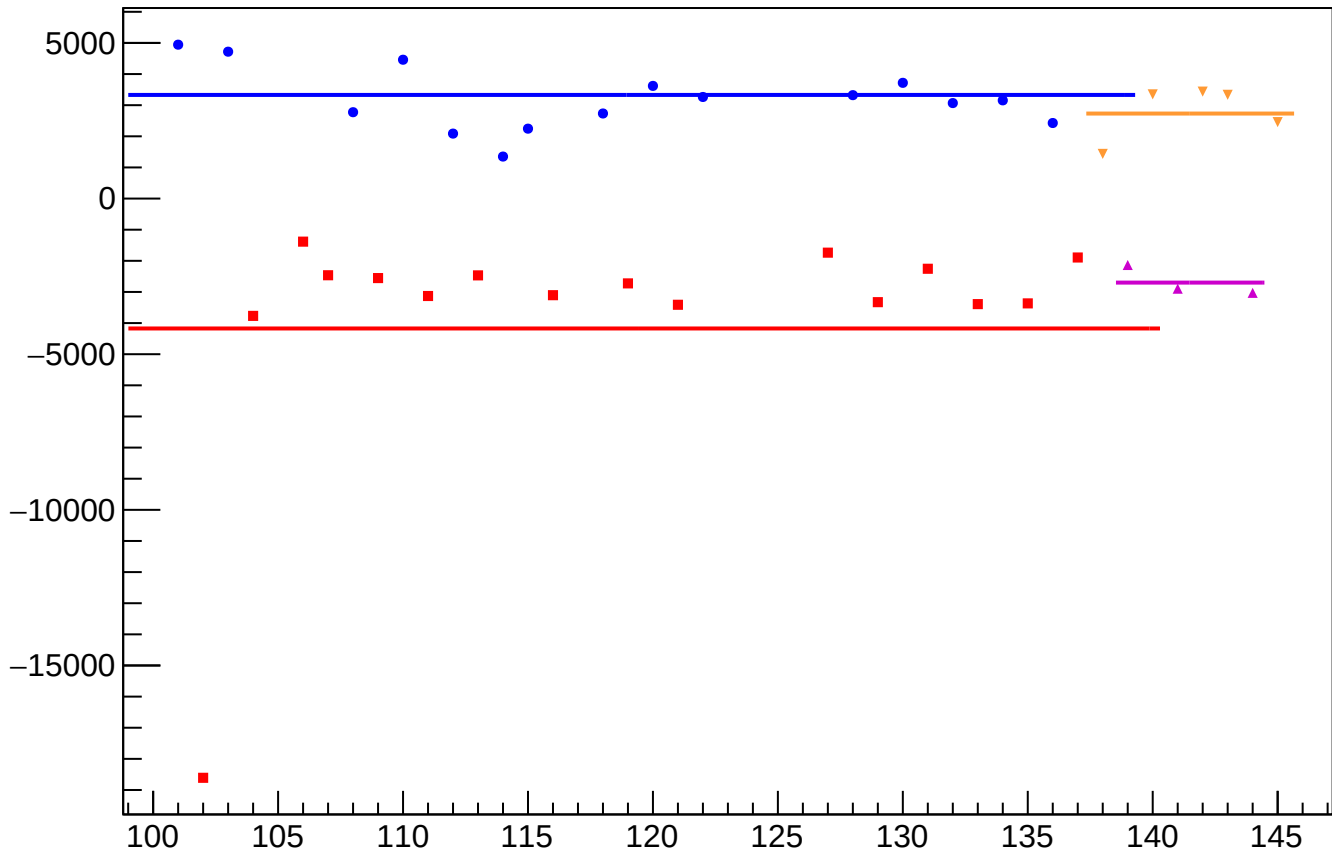
Left In: -1219.514 ± 0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_atr2_coil7_mean vs Slug, Sign Corrected



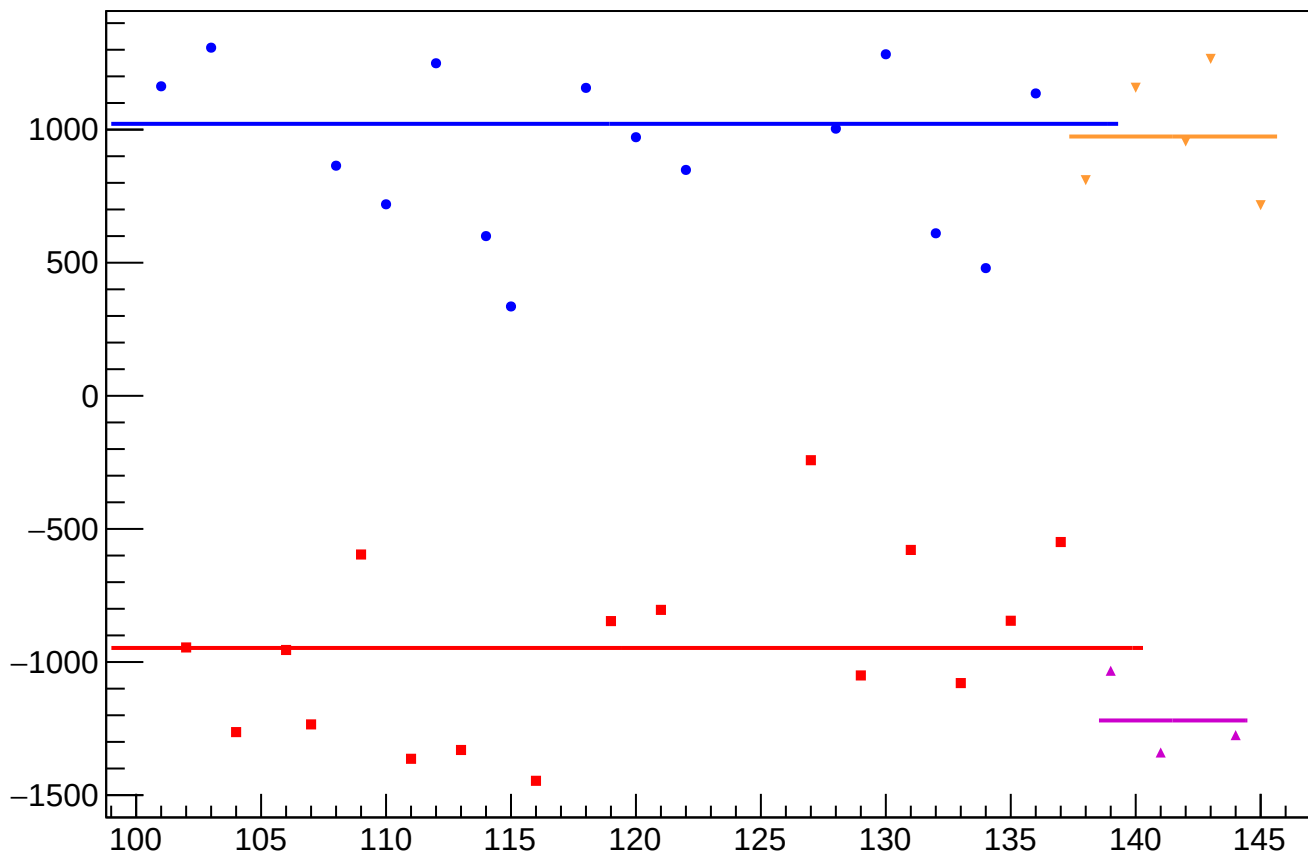
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 101147.252 $\pm$ 0.000 χ^2 /NDF: 103014395361453307920340193291312792862720.0/4
 Right Out: -120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: -118772.684 $\pm$ 0.000 χ^2 /NDF: 40986851774393973178505578122378169286656.0/2

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2731.099 $\pm$ 0.000 χ^2 /NDF: 215499074371412360561271283282532630528.0/4
 Right Out: -4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: -2699.649 $\pm$ 0.000 χ^2 /NDF: 3880818343788388822473949753569705984.0/2

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



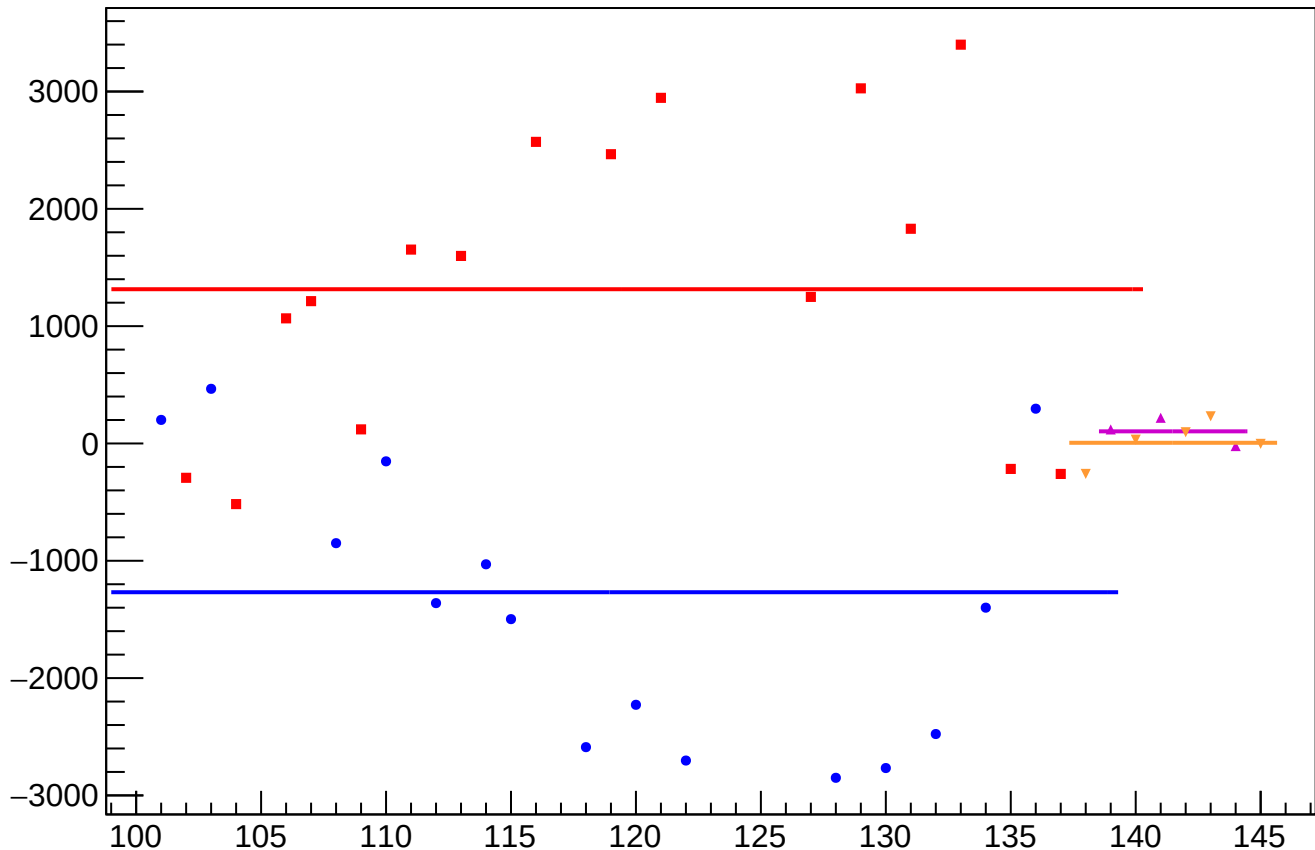
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_sam1_coil7_mean vs Slug, Sign Corrected



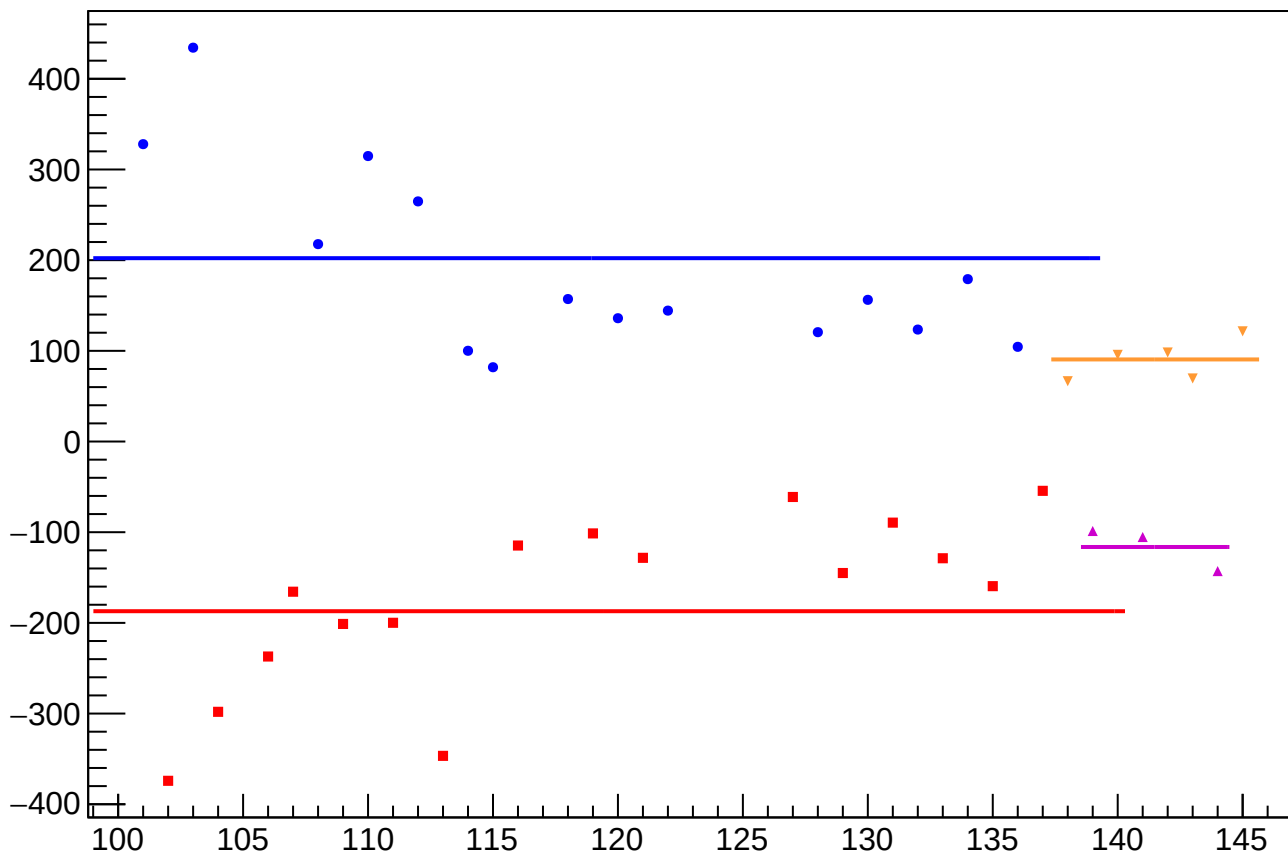
Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: 5.749+/-0.000 χ^2/NDF : 9337931916452863488731715506205097984.0/4

Right Out: 1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

Left In: 103.250+/-0.000 χ^2/NDF : 2561919147150950897089349677947551744.0/2

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



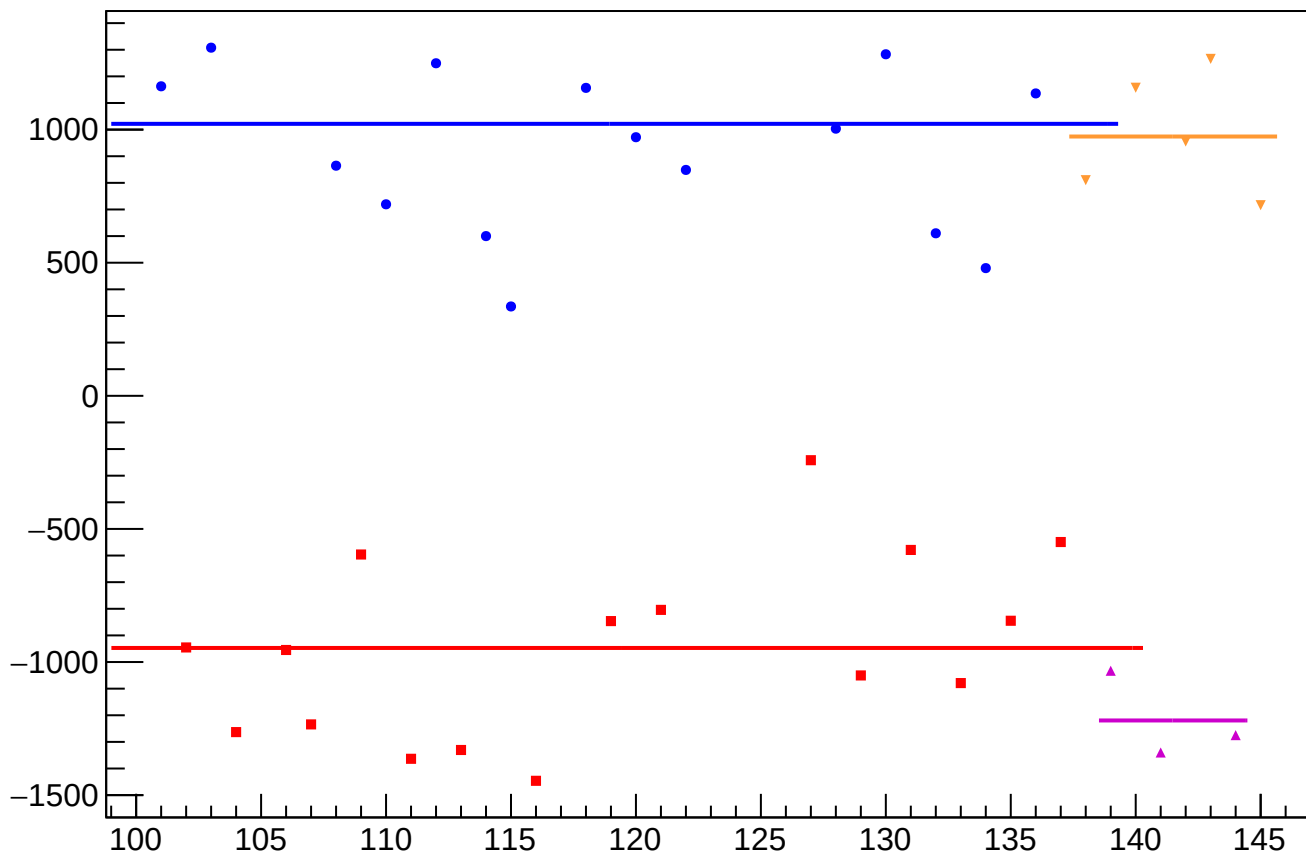
Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 90.520+/-0.000 χ^2/NDF : 157166518070930186809338855518371840.0/4

Right Out: -187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

Left In: -116.303+/-0.000 χ^2/NDF : 98354182524324151862391119873572864.0/2

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



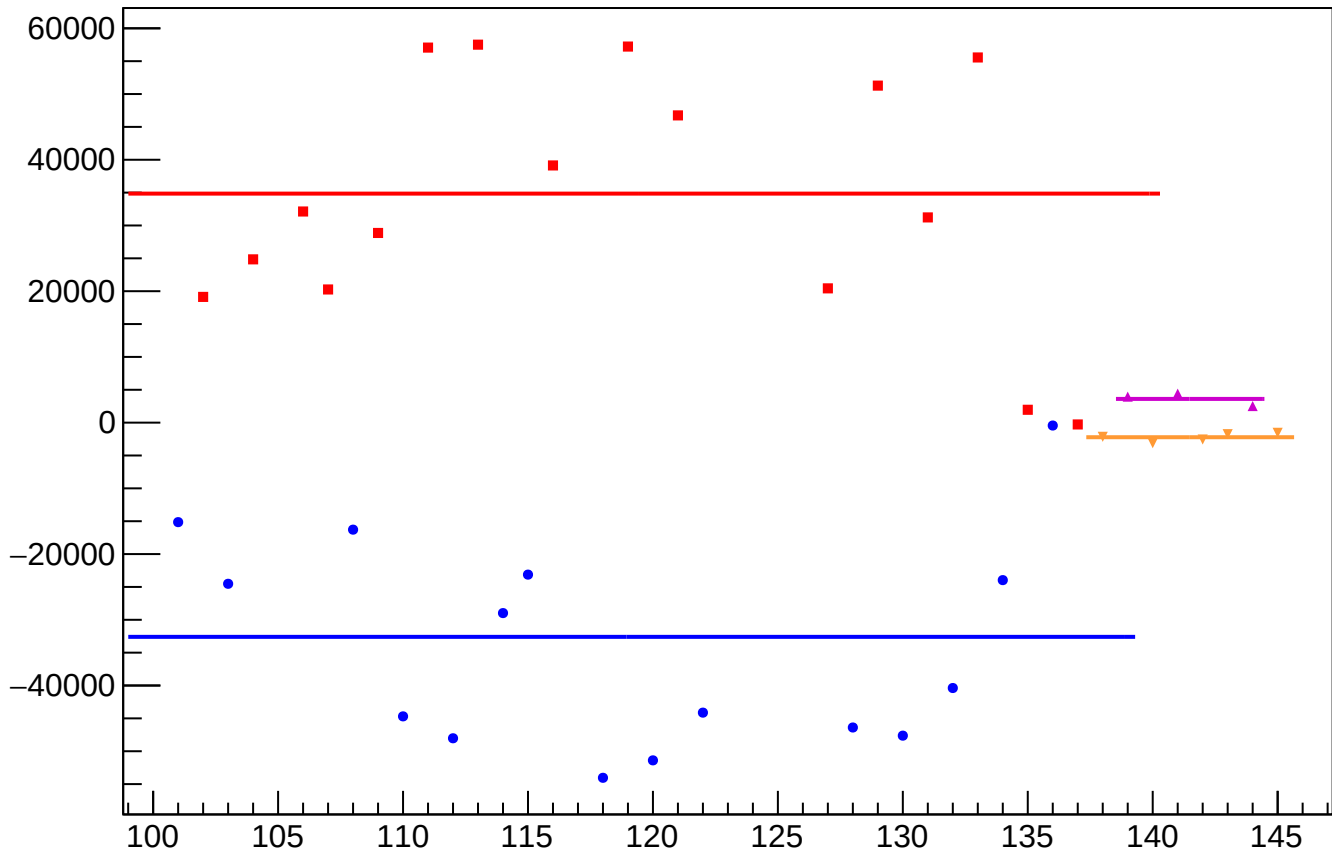
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056 ± 0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

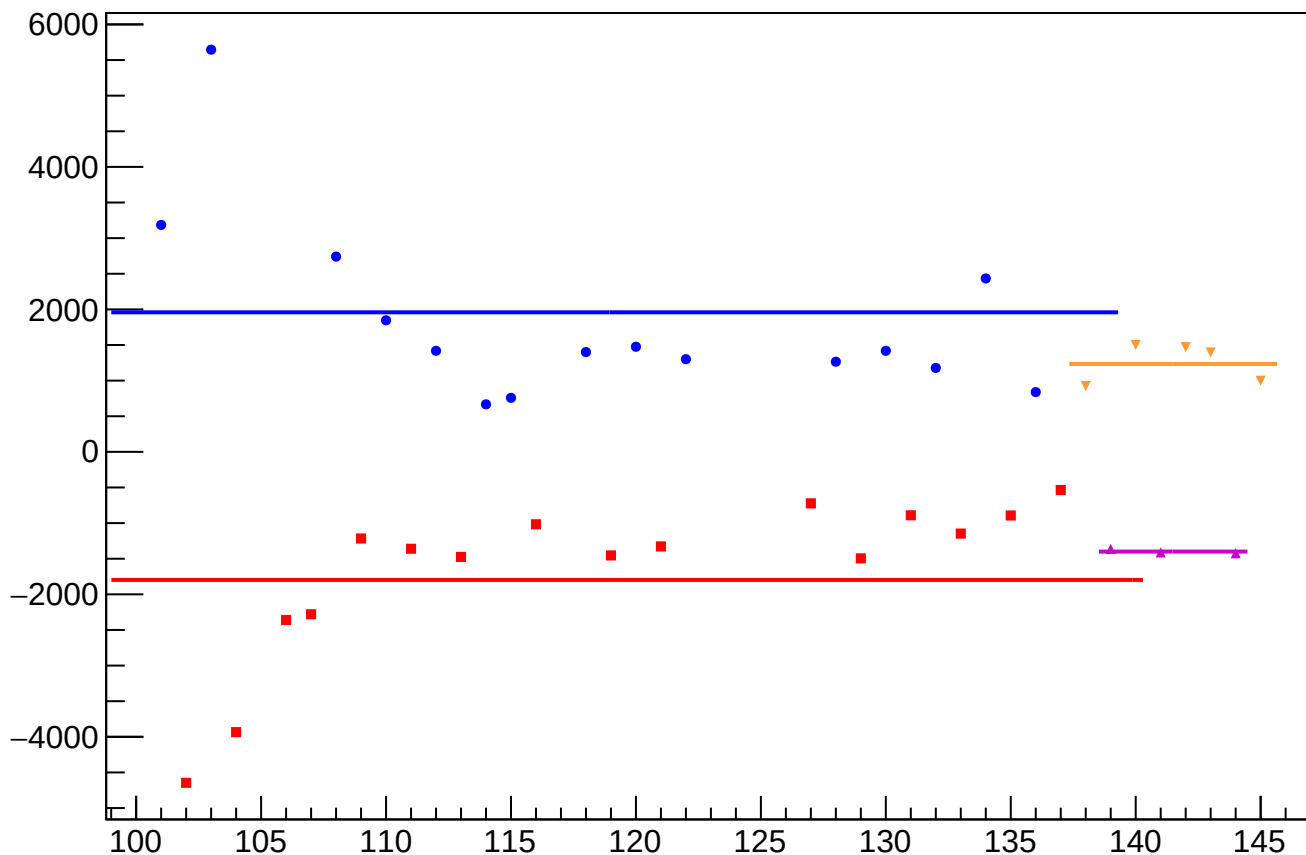
Left In: -1219.514 ± 0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_sam2_coil7_mean vs Slug, Sign Corrected



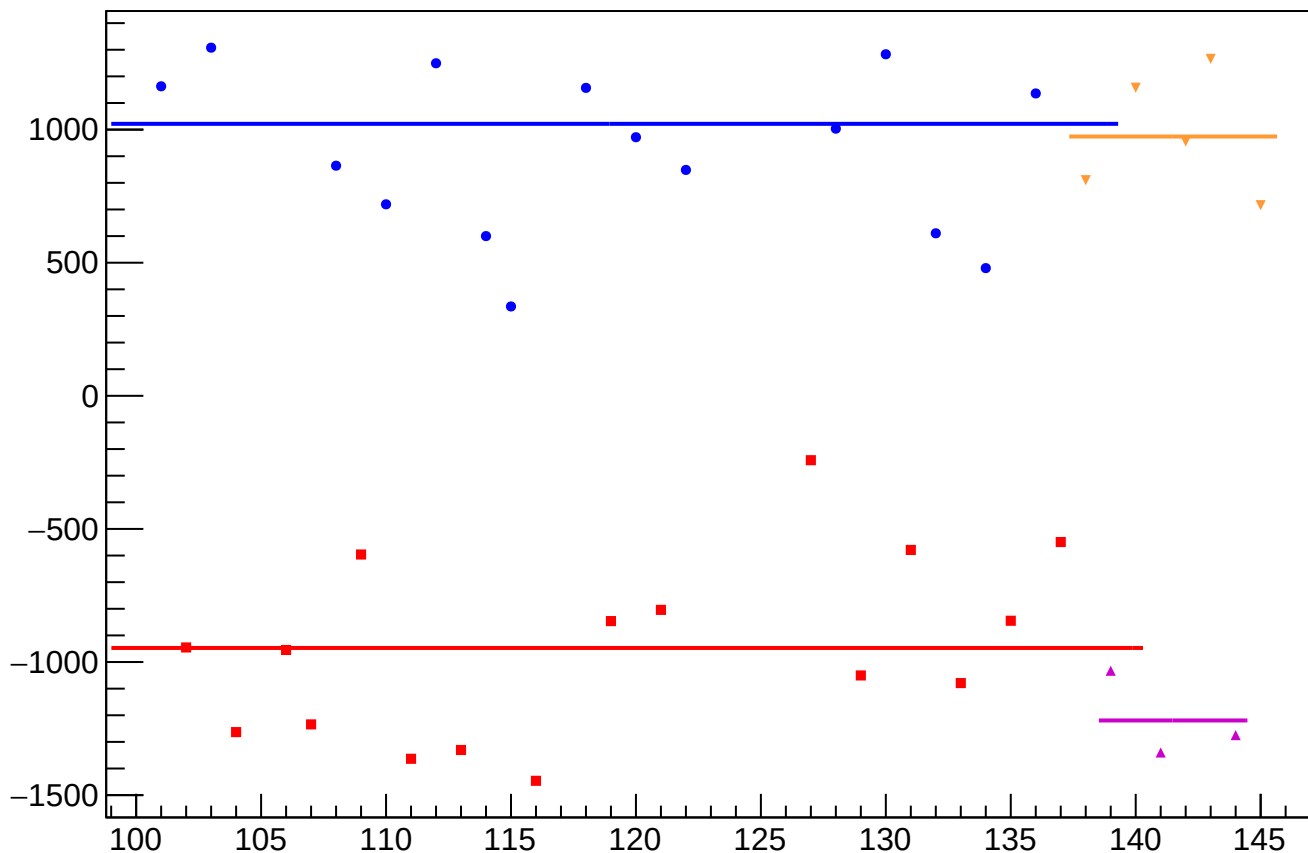
Right In: -32594.962+/-0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -2220.203+/-0.000 χ^2/NDF : 124587437874208154390640605946890420224.0/4
 Right Out: 34848.046+/-0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: 3609.110+/-0.000 χ^2/NDF : 169625421512628313140139865434163773440.0/2

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 1958.835 $\pm$ 0.000 χ^2 /NDF: 1189322999631358431600643692981190131712.0/14
 Left Out: 1234.127 $\pm$ 0.000 χ^2 /NDF: 22118909438369312722851104116787118080.0/4
 Right Out: -1797.392 $\pm$ 0.000 χ^2 /NDF: 955096623879958195657195074614240215040.0/15
 Left In: -1399.691 $\pm$ 0.000 χ^2 /NDF: 176124465566387512300912380800401408.0/2

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



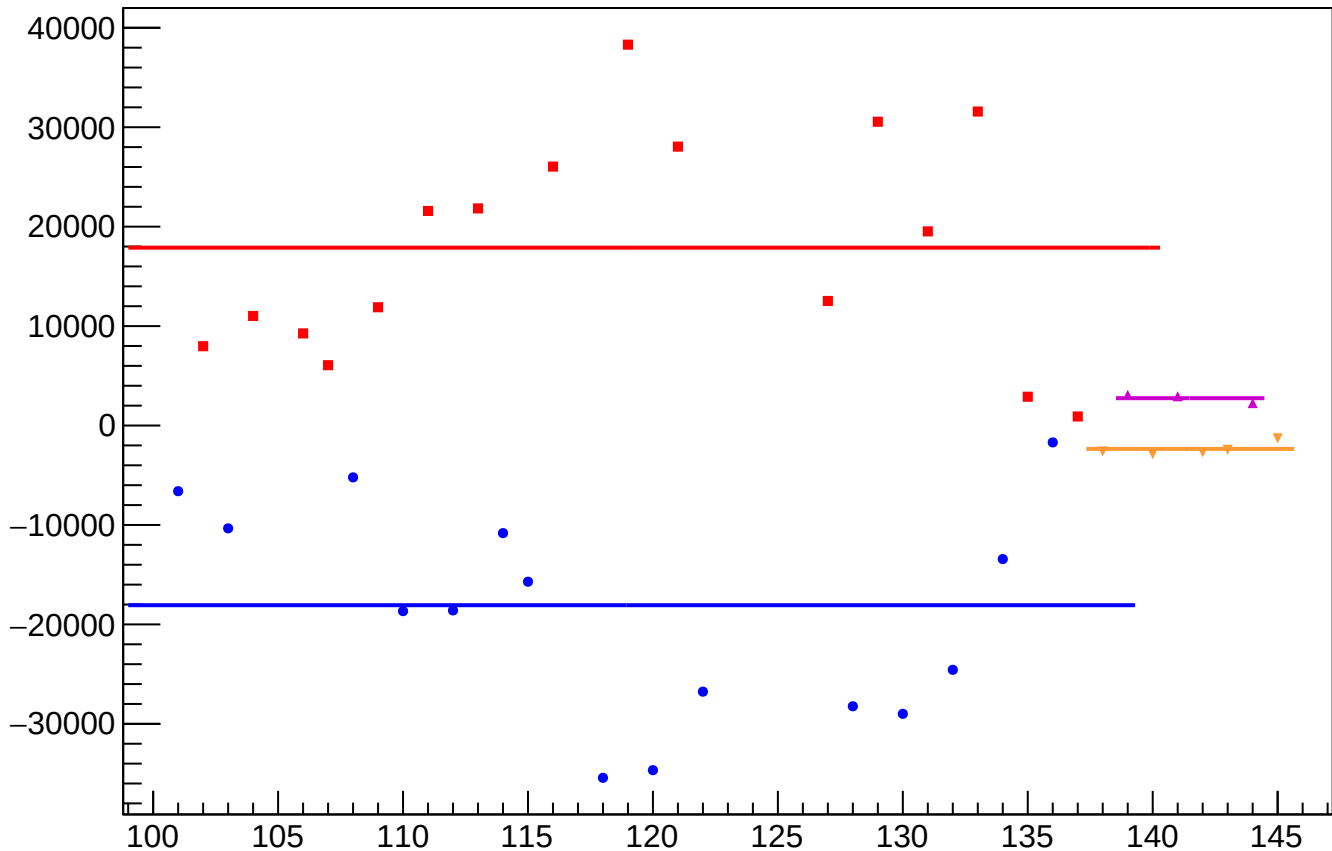
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

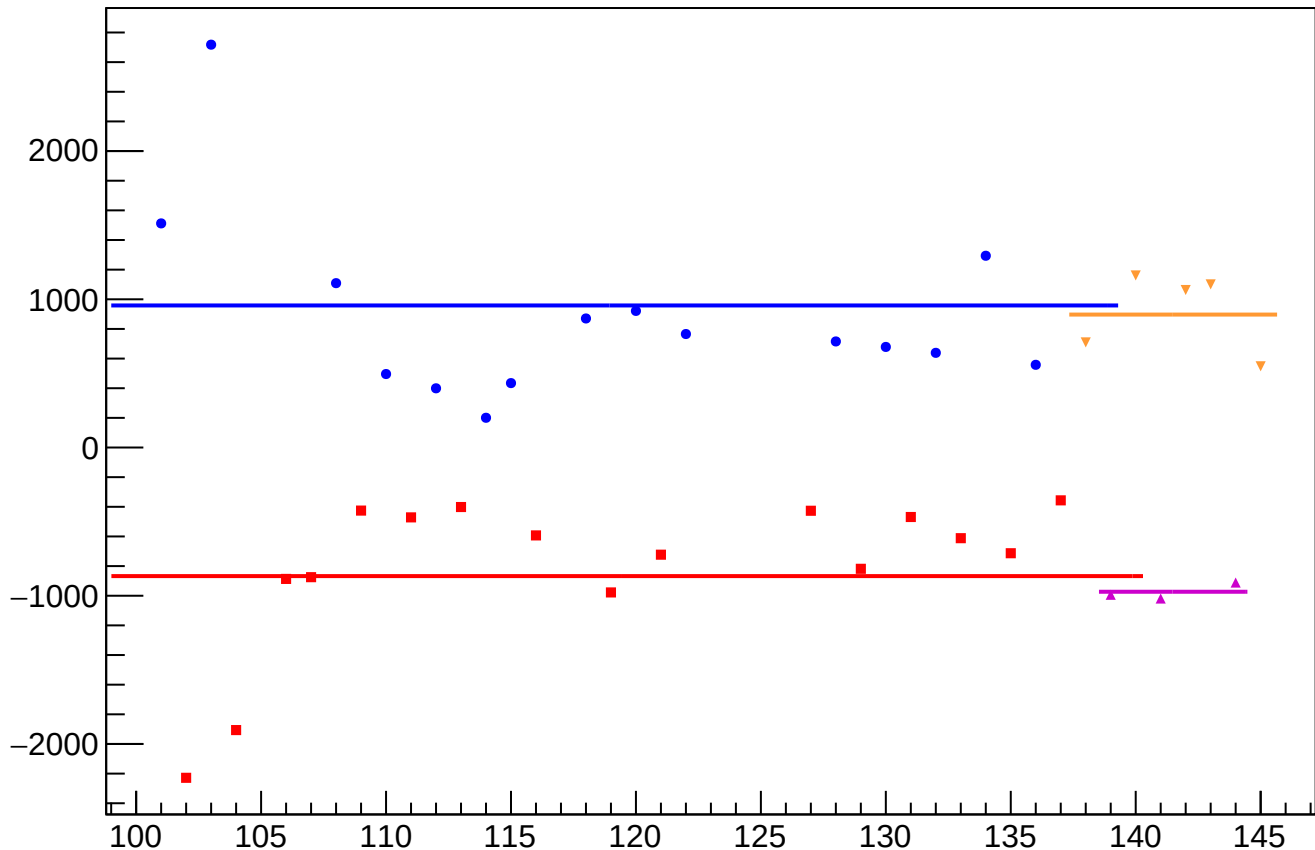
Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: -18068.550 ± 0.000 $\chi^2/\text{NDF}: 84312156443533553417760933497753760169984.0/14$
 Left Out: -2348.340 ± 0.000 $\chi^2/\text{NDF}: 125615570029503069553251698416346464256.0/4$
 Right Out: 17888.149 ± 0.000 $\chi^2/\text{NDF}: 78405915612914252869875231068795393015808.0/15$
 Left In: 2750.126 ± 0.000 $\chi^2/\text{NDF}: 34010624915183676500063289598208376832.0/2$

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



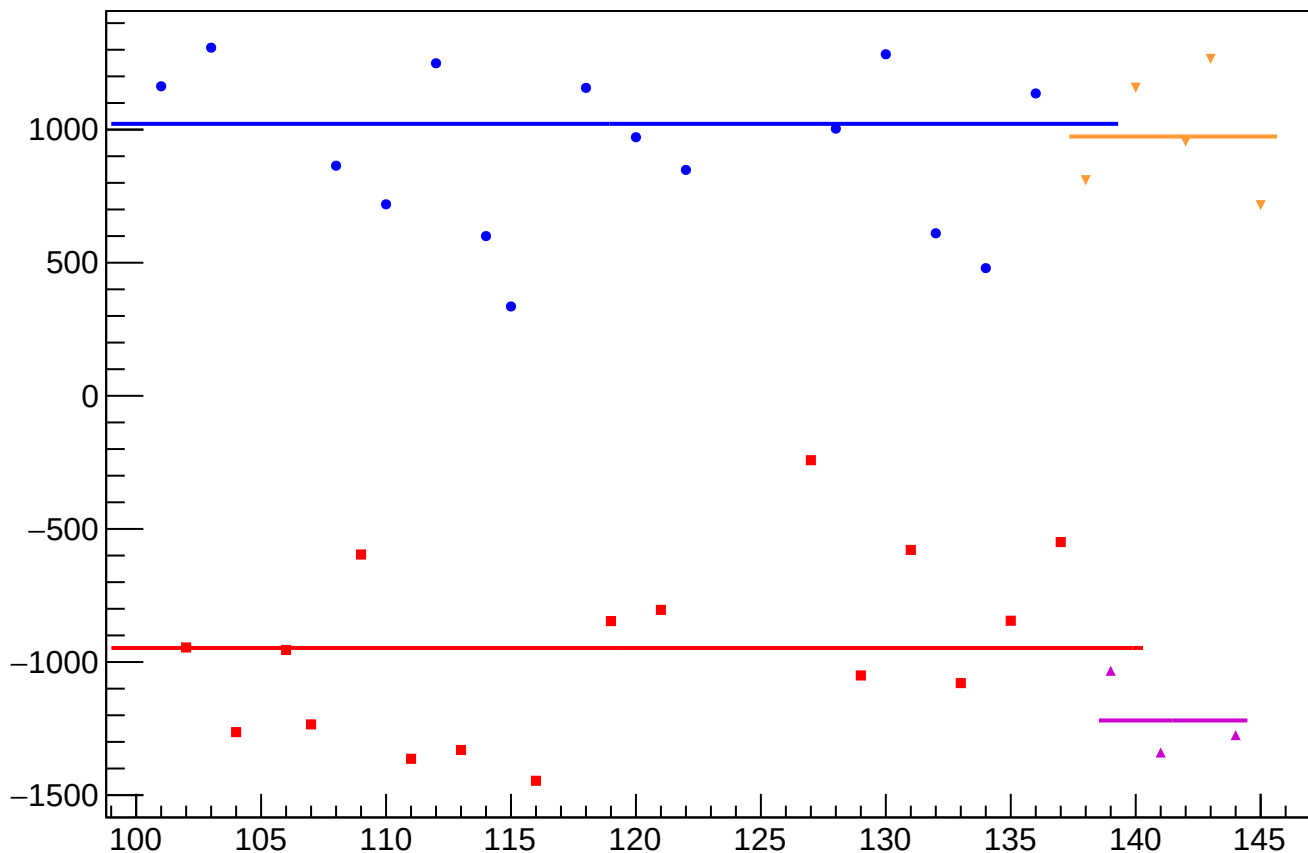
Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 896.914+/-0.000 χ^2/NDF : 22372779895504081834342582123935825920.0/4

Right Out: -867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

Left In: -973.130+/-0.000 χ^2/NDF : 554218230532685219218152116036042752.0/2

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



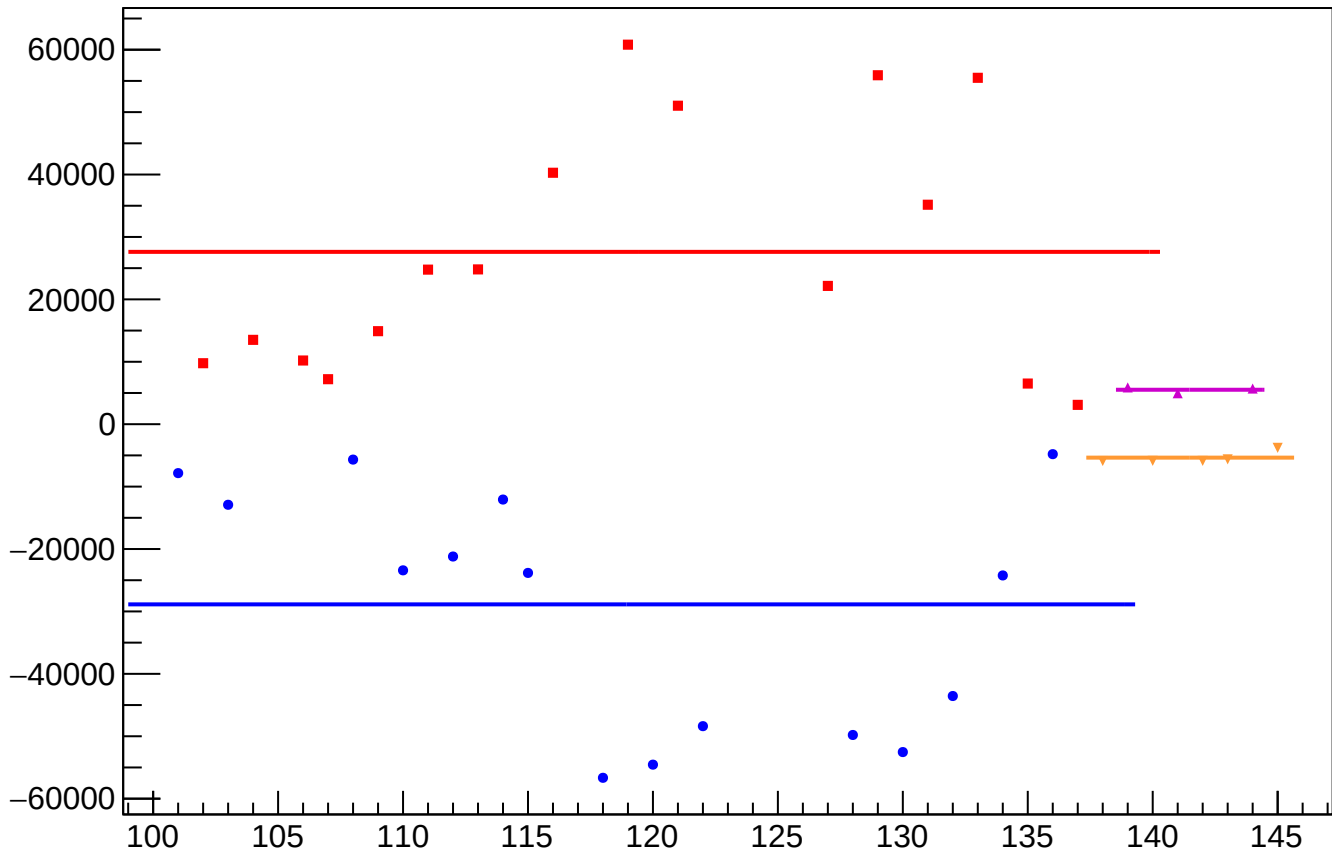
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

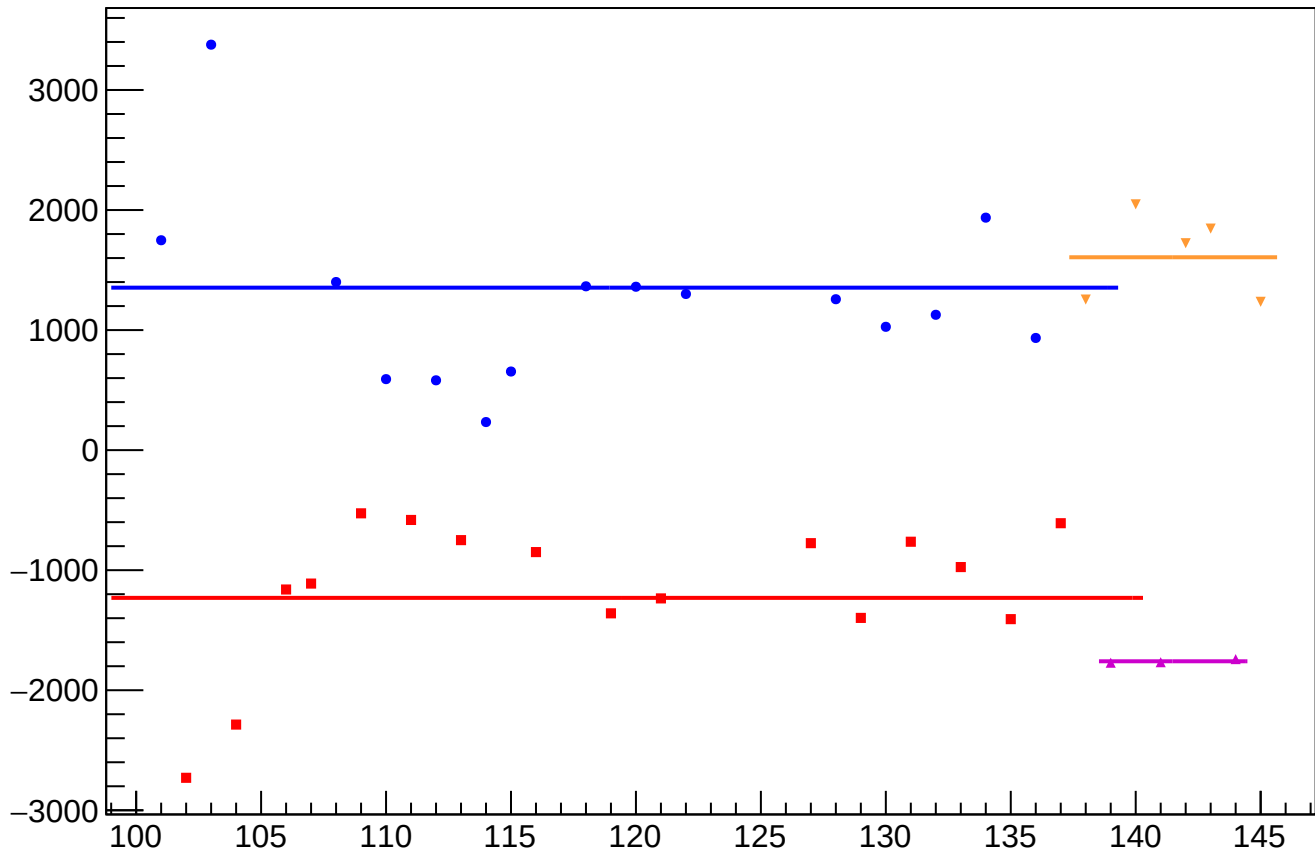
Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: -28868.624 ± 0.000 $\chi^2/\text{NDF}: 261450701095727362961367657926584124309504.0/14$
 Left Out: -5358.268 ± 0.000 $\chi^2/\text{NDF}: 262412478780606206656011998388107083776.0/4$
 Right Out: 27610.848 ± 0.000 $\chi^2/\text{NDF}: 248097983477523504935751571384400118546432.0/15$
 Left In: 5517.882 ± 0.000 $\chi^2/\text{NDF}: 41278138854058189655406291031785734144.0/2$

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1606.573+/-0.000 χ^2/NDF : 41215803758773693993240157413754011648.0/4

Right Out: -1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

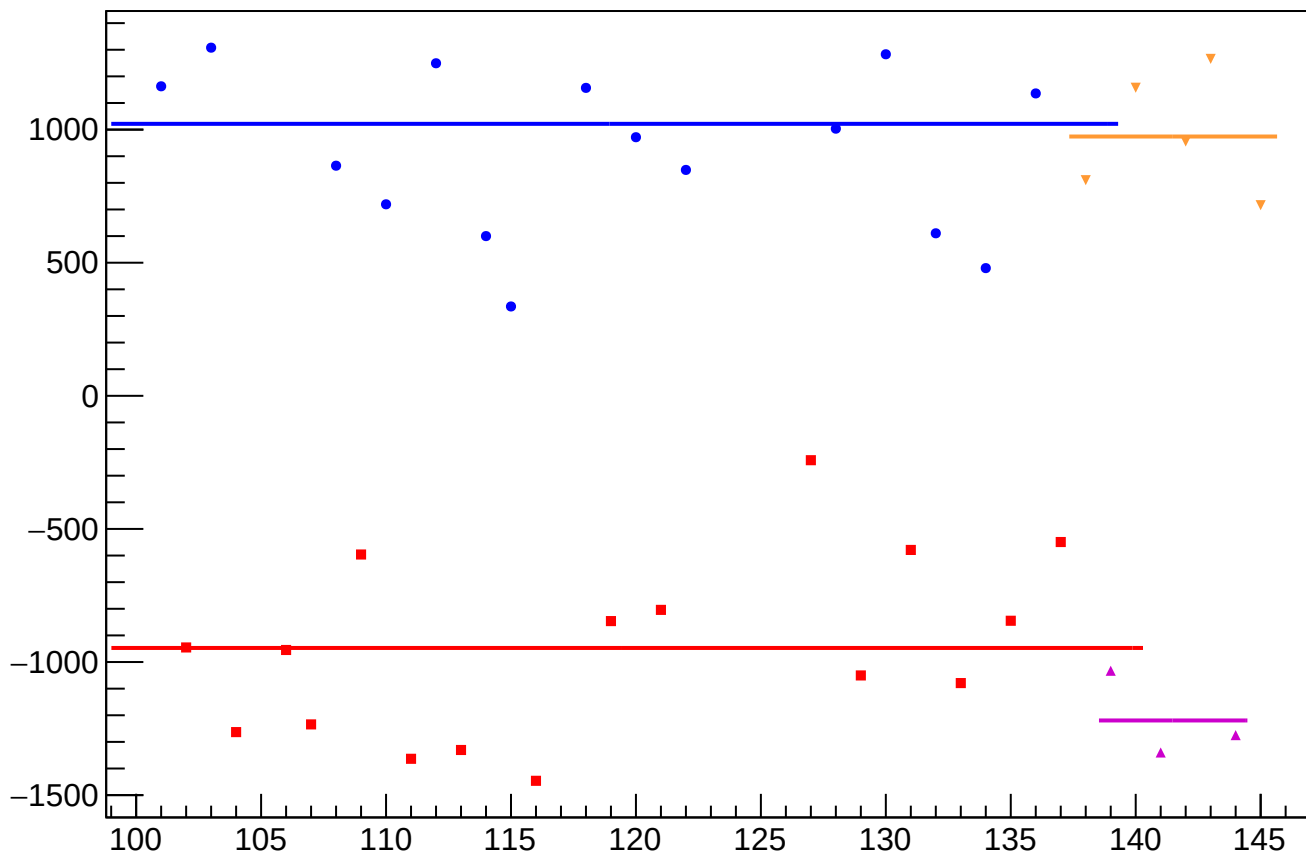
Left In: -1758.888+/-0.000 χ^2/NDF : 45688641667893745822951480504614912.0/2

1442.764+/-0.000 χ^2/NDF : 4087841079372066

92.334+/-0.000 χ^2/NDF : 4556251567105

-1376.734+/-0.000 χ^2/NDF : 328513242046566

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



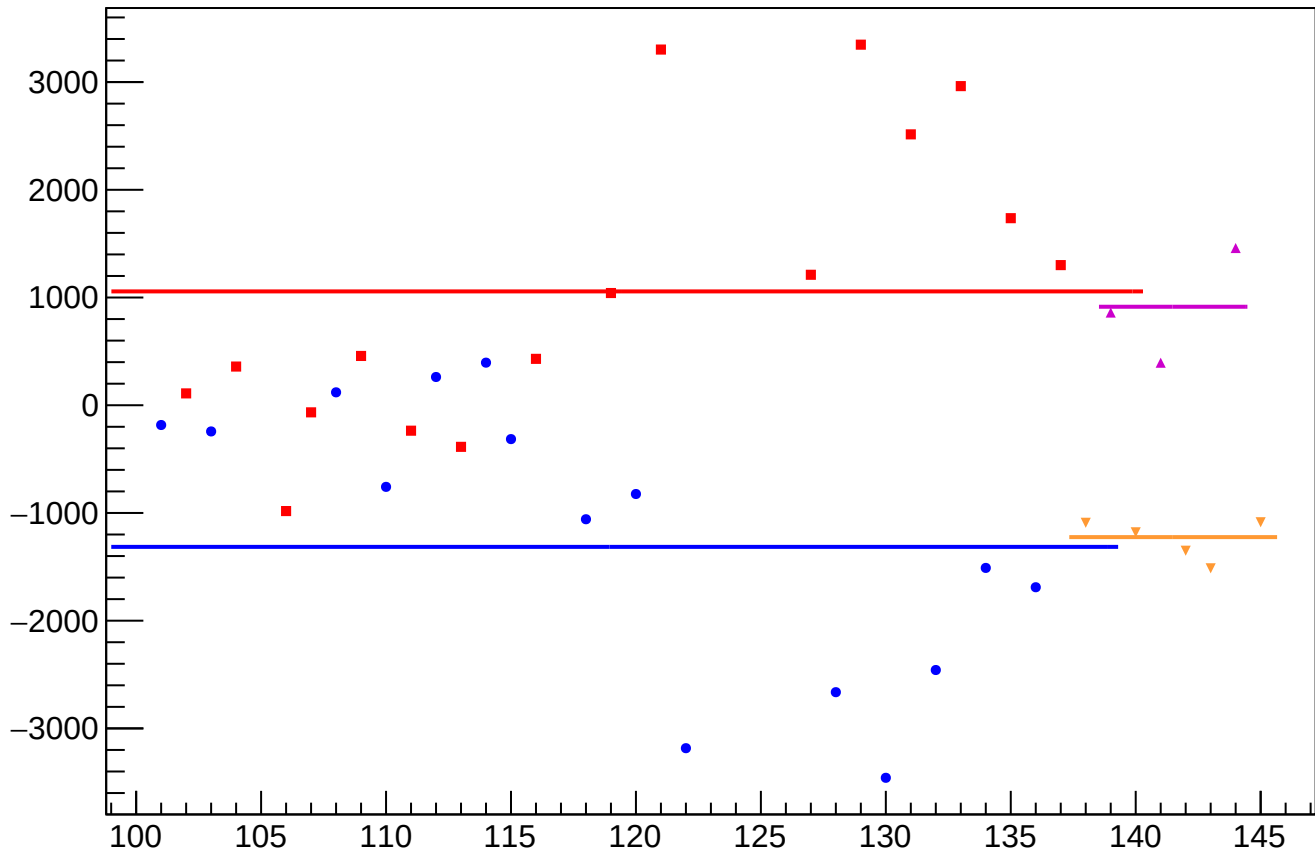
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

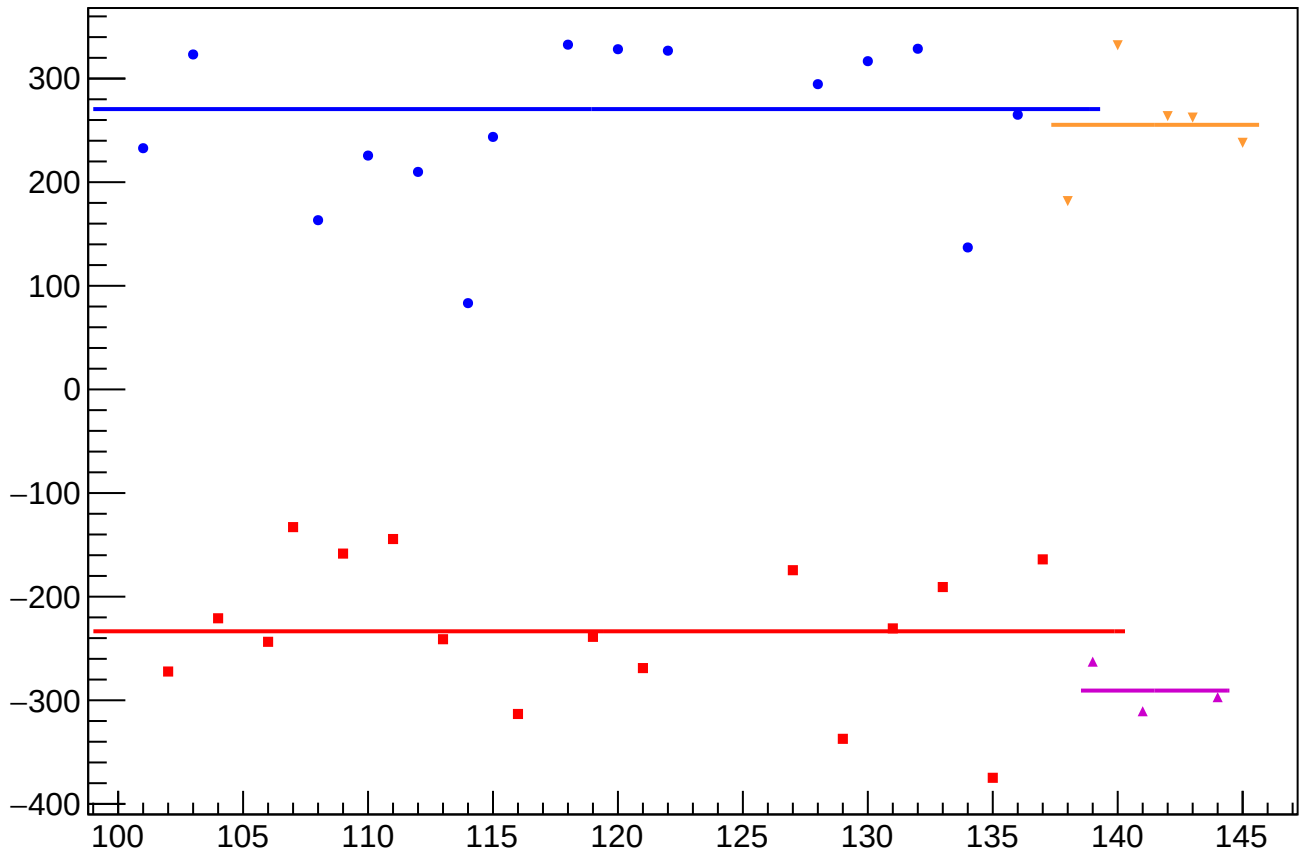
Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: -1314.782 +/- 0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Left Out: -1224.227 +/- 0.000 χ^2/NDF : 9437541469199306133261026454858104832.0/4
 Right Out: 1056.765 +/- 0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Left In: 914.357 +/- 0.000 χ^2/NDF : 49629776624561975835975106846982668288.0/2

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



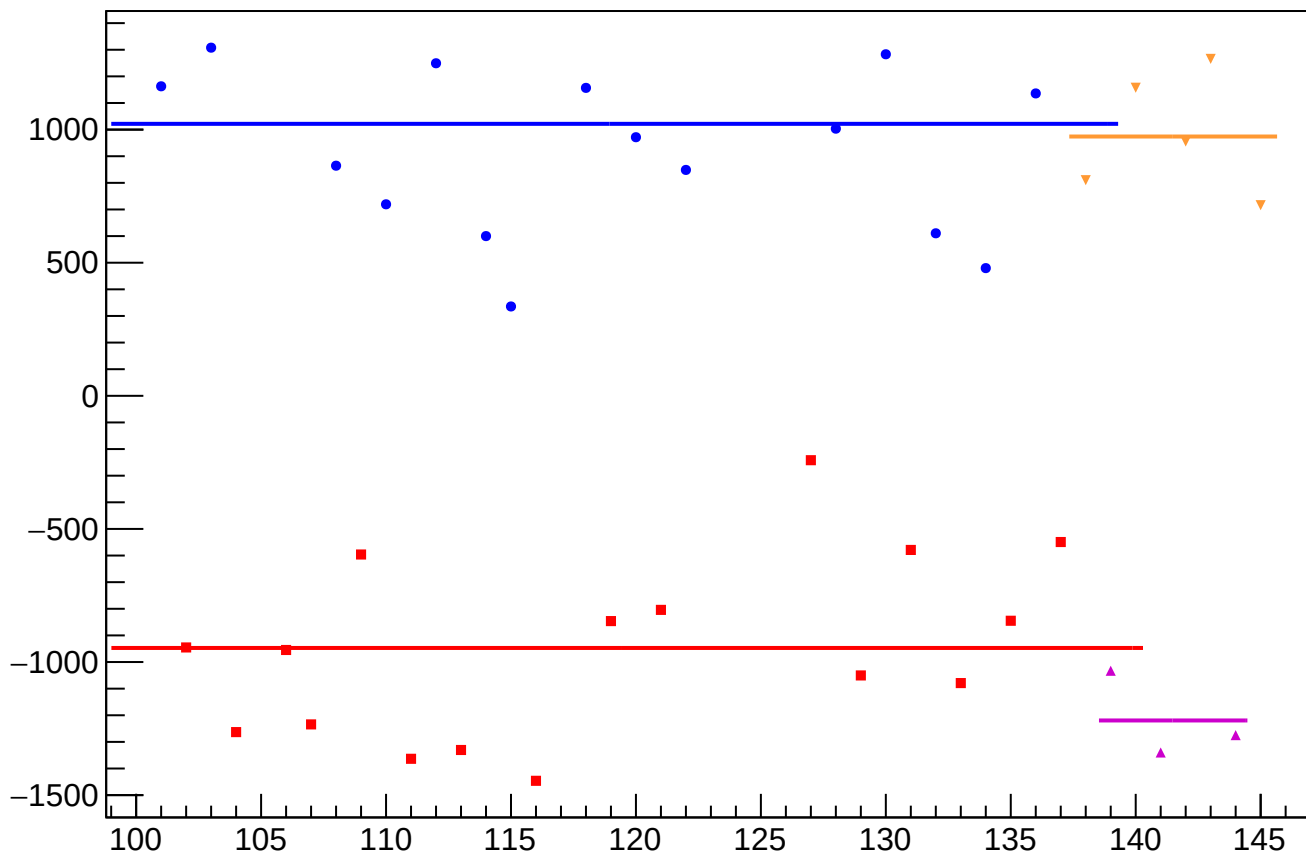
Right In: 270.538 $\pm$ 0.000 χ^2/NDF : 2473839905347950323907848405170257920.0/14

Left Out: 255.351 $\pm$ 0.000 χ^2/NDF : 936982136407804925692617718799269888.0/4

Right Out: -233.421 $\pm$ 0.000 χ^2/NDF : 3048529087317888615064010247743995904.0/15

Left In: -290.621 $\pm$ 0.000 χ^2/NDF : 100520065131677805448864638103977984.0/2

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



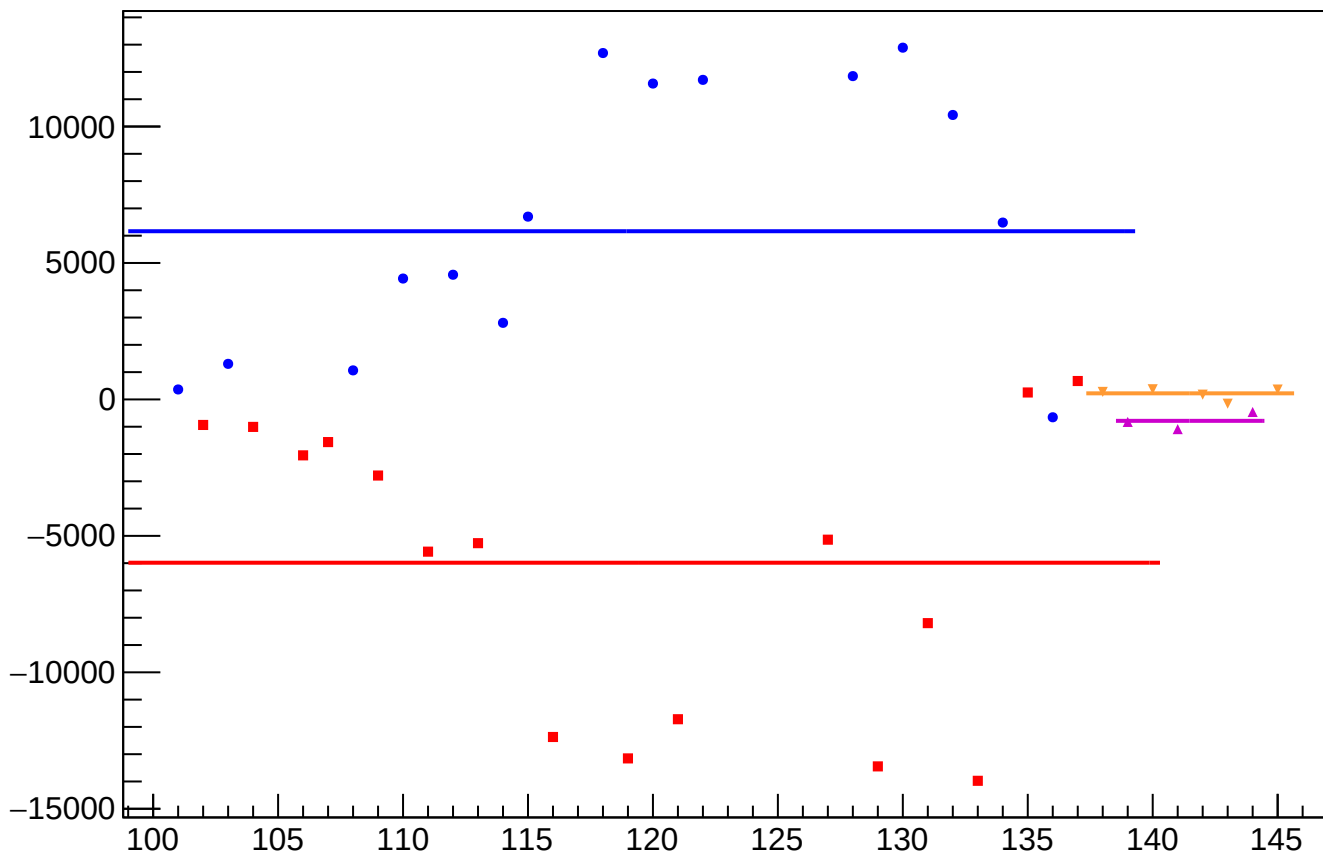
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056 ± 0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

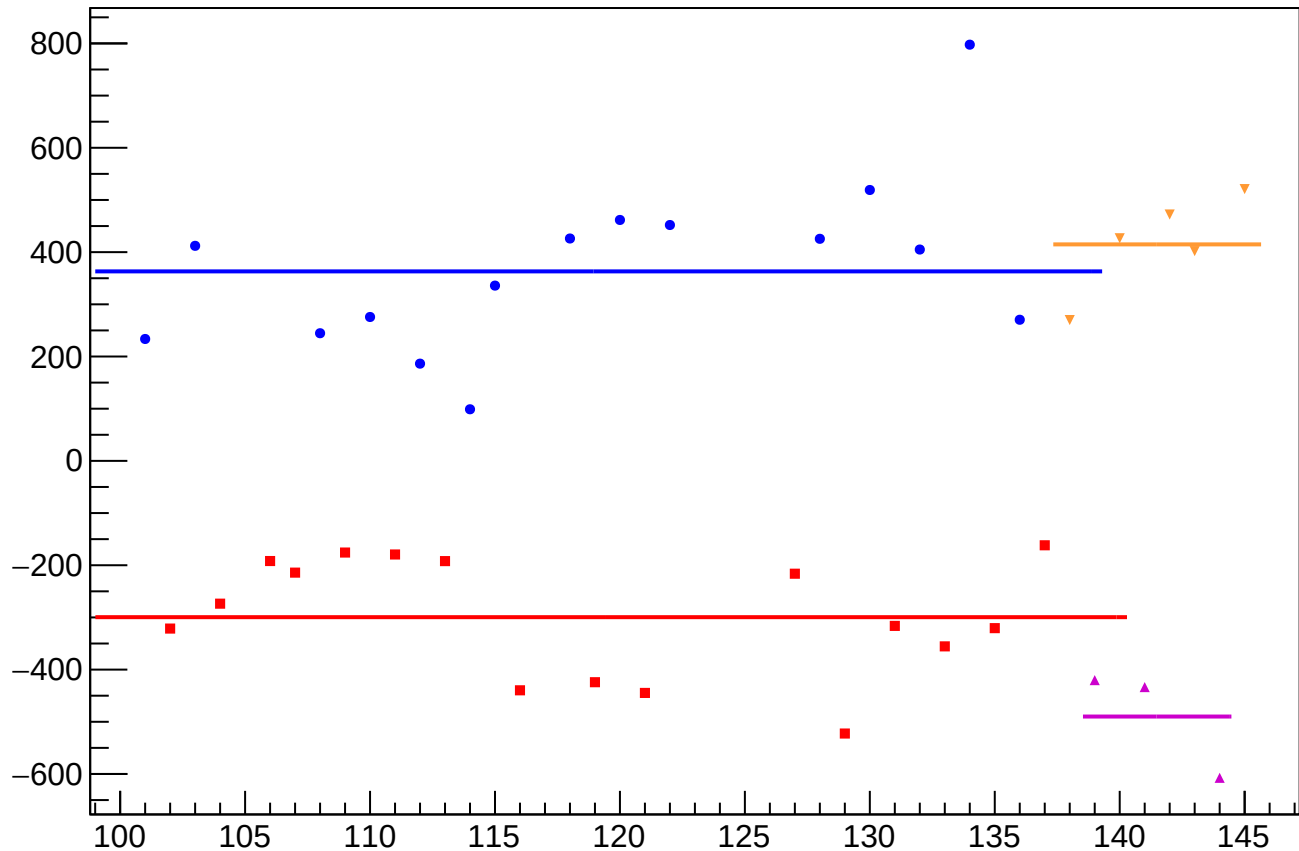
Left In: -1219.514 ± 0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 6163.445 +/- 0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 223.065 +/- 0.000 χ^2/NDF : 13350324659550226341318681064539947008.0/4
 Right Out: -5983.876 +/- 0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: -784.890 +/- 0.000 χ^2/NDF : 17356094199583326668571977769463840768.0/2

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



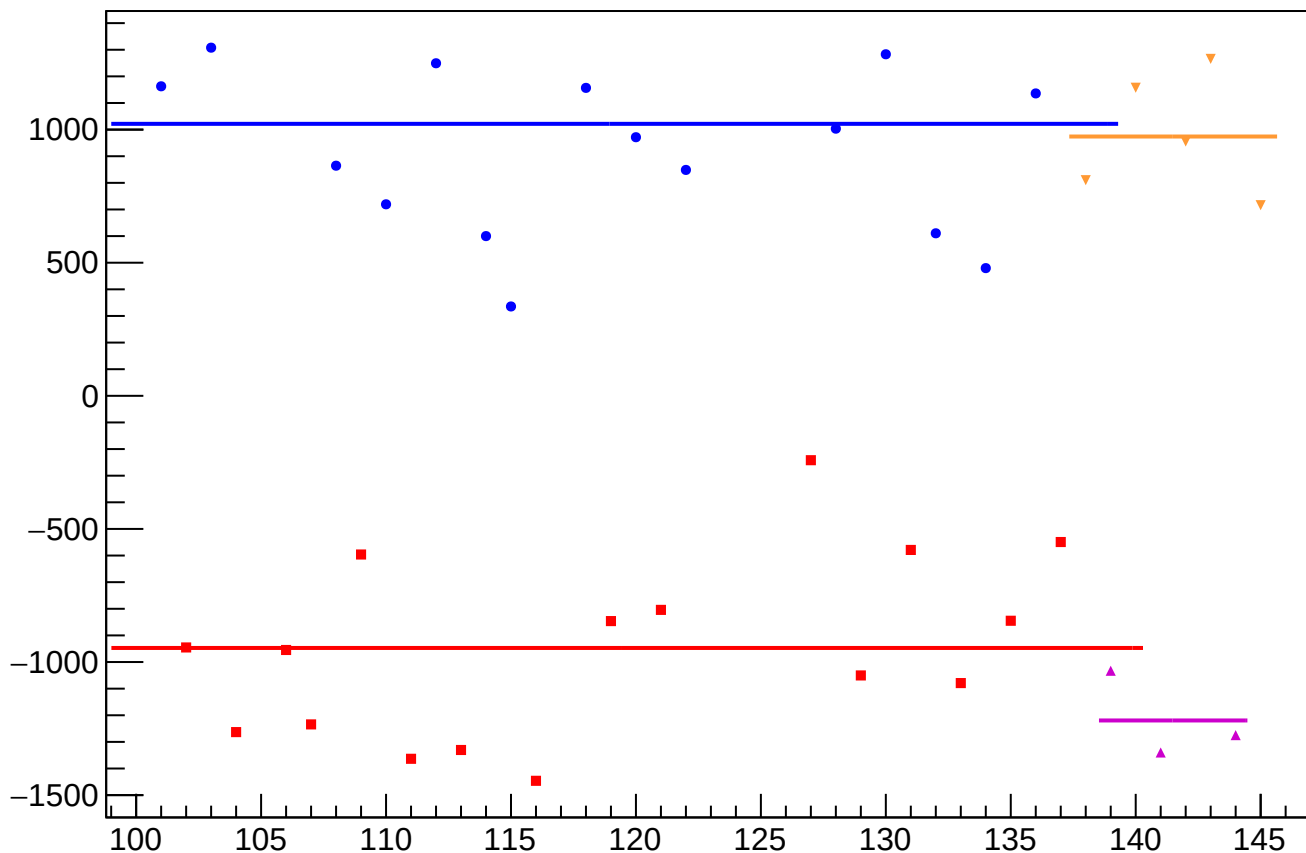
Right In: 363.133 +/- 0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 414.876 +/- 0.000 χ^2/NDF : 2722887942040313188778595989084700672.0/4

Right Out: -299.514 +/- 0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

Left In: -489.934 +/- 0.000 χ^2/NDF : 1891746846547732499821499588498423808.0/2

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



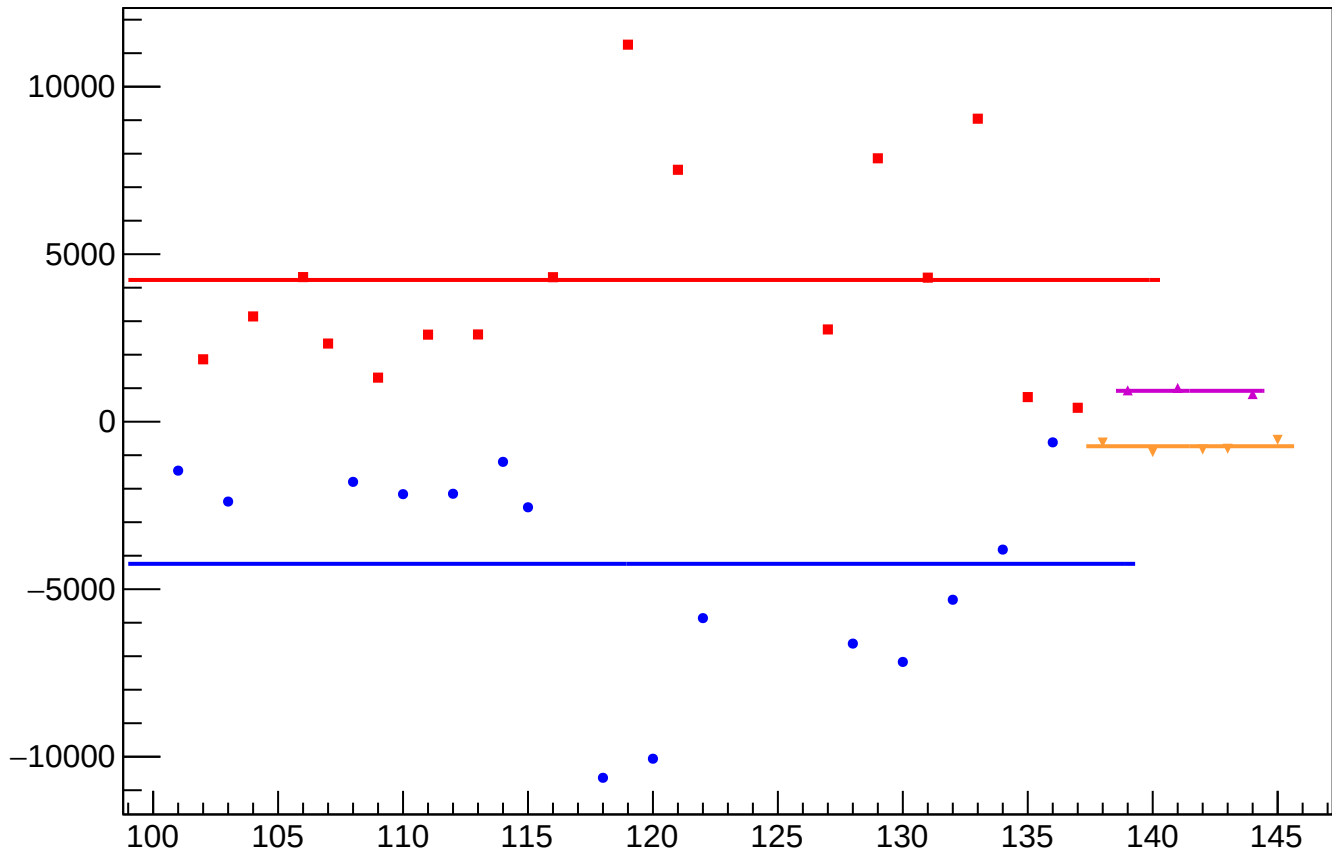
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

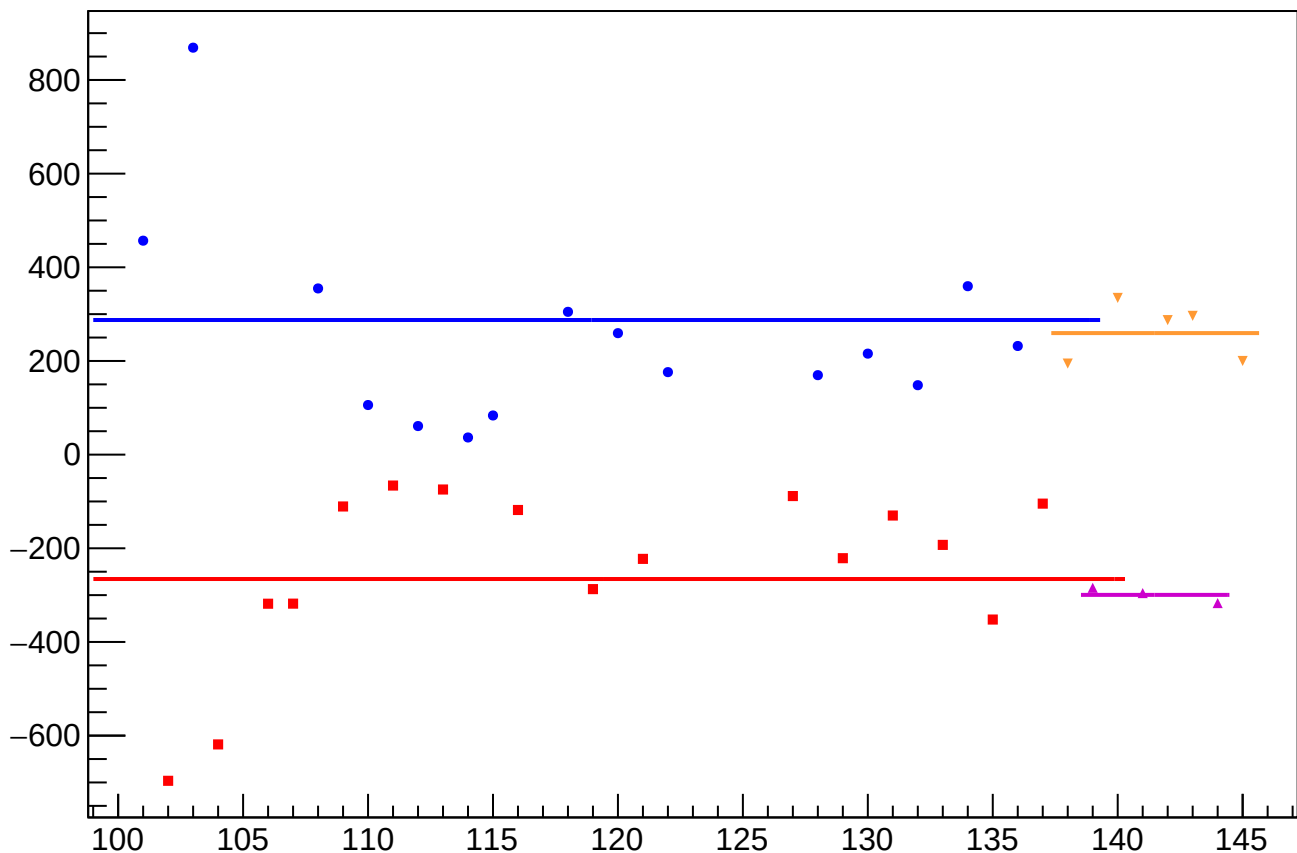
Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: -4242.174 +/- 0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -731.925 +/- 0.000 χ^2/NDF : 7175787759711986433064832770452226048.0/4
 Right Out: 4230.978 +/- 0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: 921.889 +/- 0.000 χ^2/NDF : 1487421923738875059904307995462336512.0/2

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



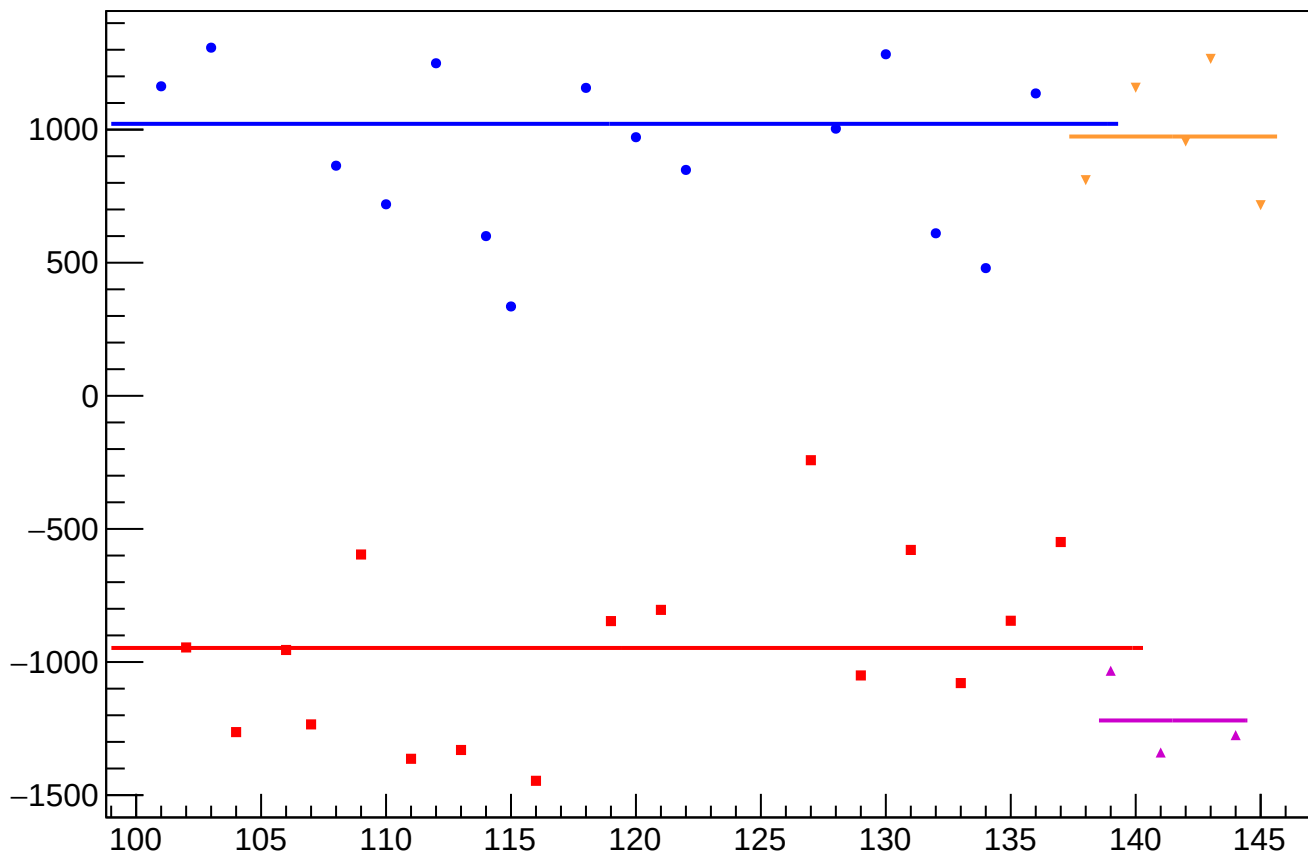
Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 259.534+/-0.000 χ^2/NDF : 1206669704091742354746913452009193472.0/4

Right Out: -265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

Left In: -299.480+/-0.000 χ^2/NDF : 47124722844183066355060593810997248.0/2

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



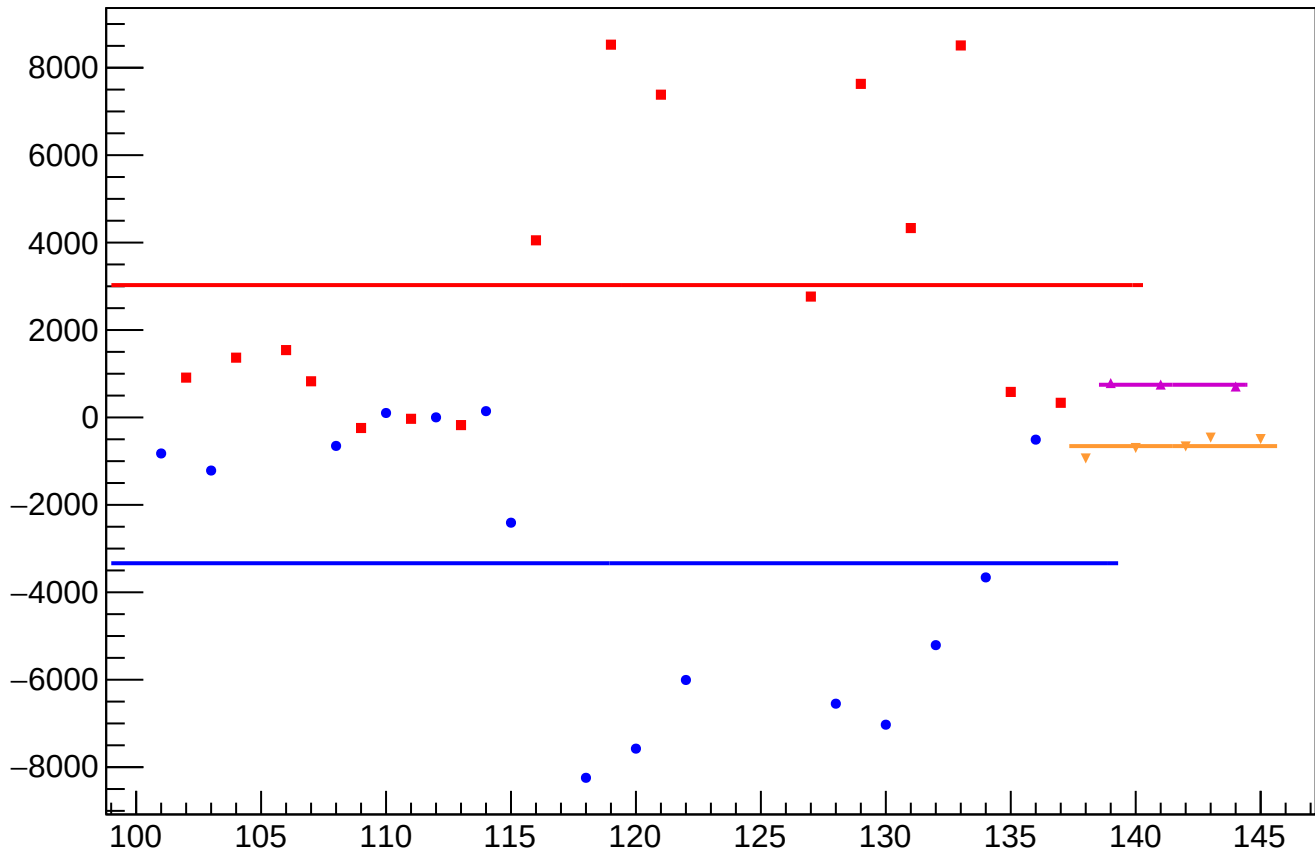
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056+/-0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

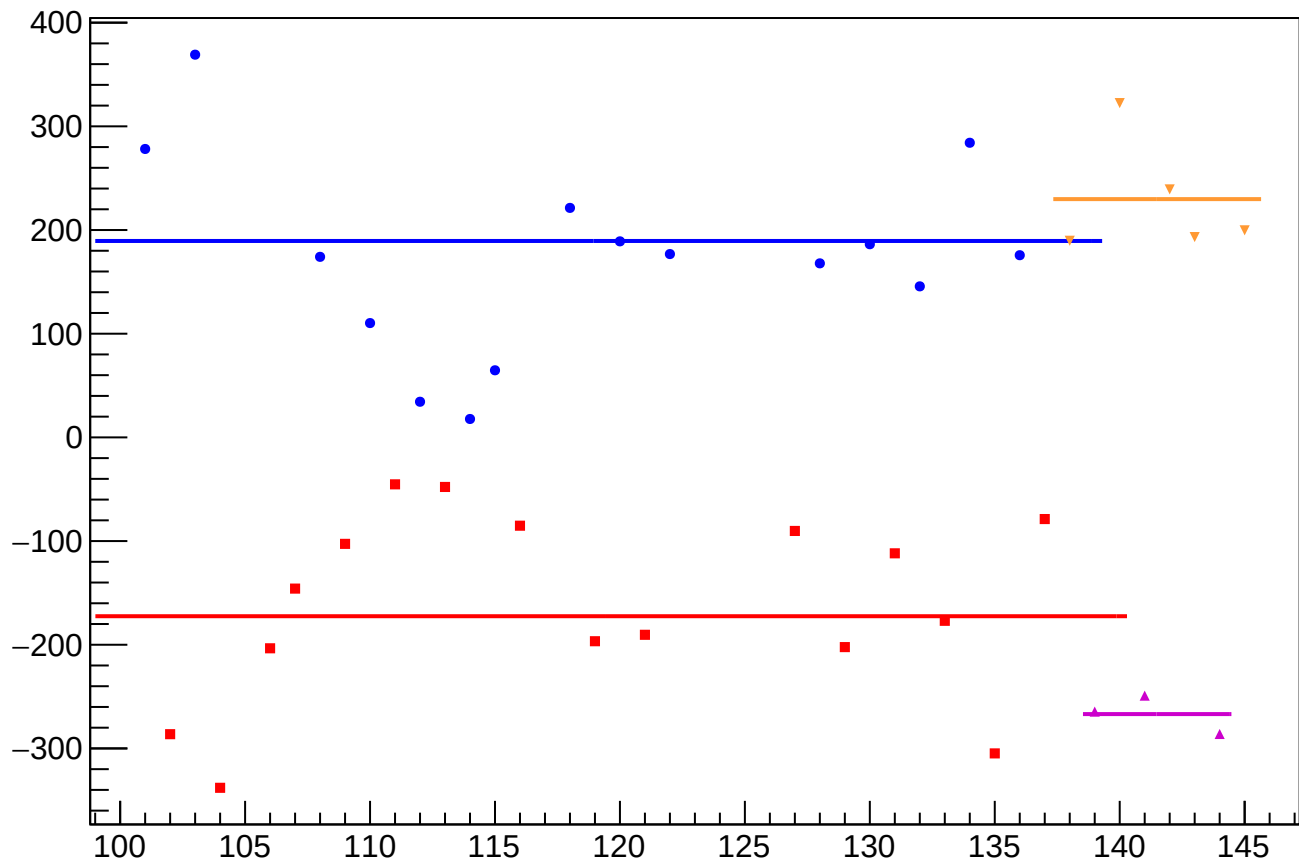
Left In: -1219.514+/-0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -655.544+/-0.000 χ^2/NDF : 11004436179152719721049703210465361920.0/4
 Right Out: 3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: 747.771+/-0.000 χ^2/NDF : 265909428597173953430969400160157696.0/2

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



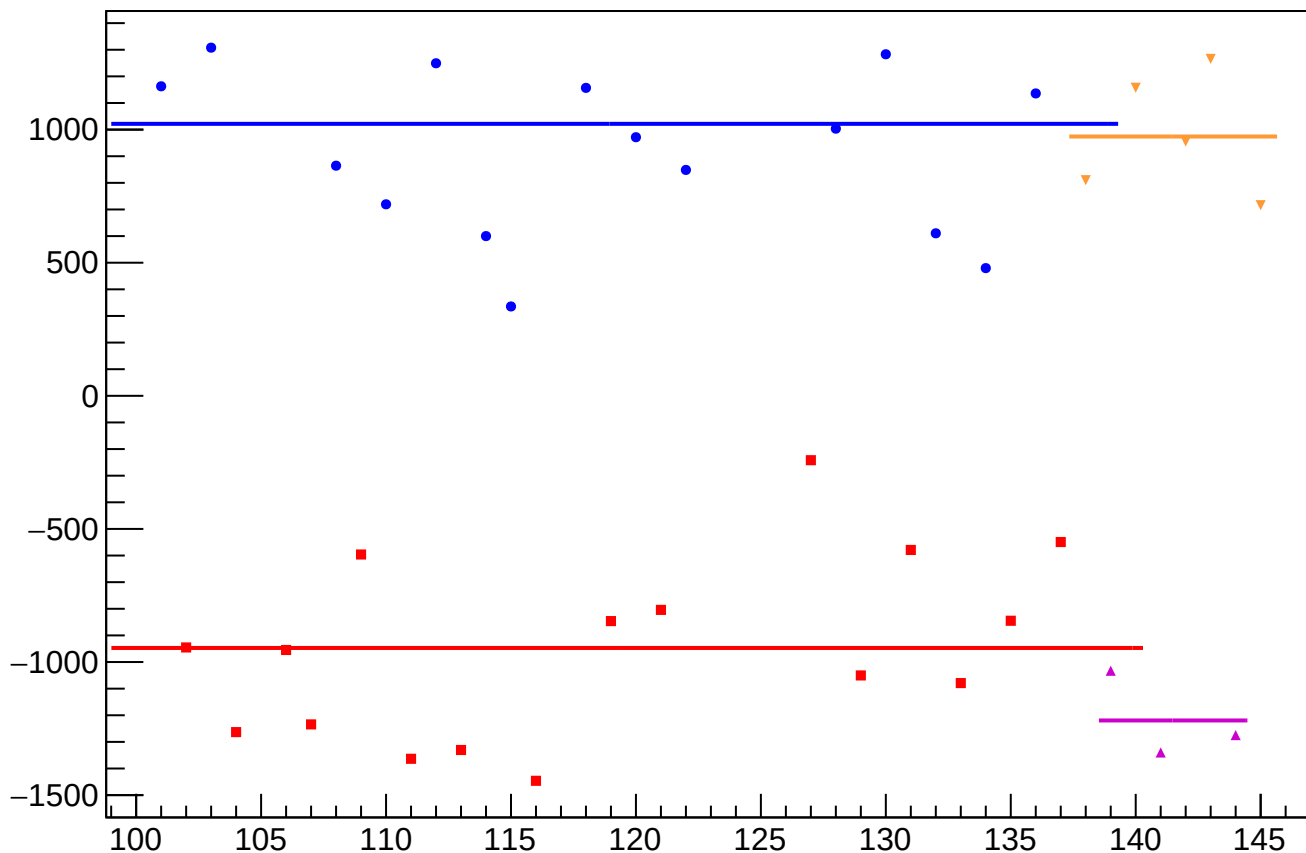
Right In: 189.442 +/- 0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14

Left Out: 229.811 +/- 0.000 χ^2/NDF : 996466679921328296838635989170651136.0/4

Right Out: -172.485 +/- 0.000 χ^2/NDF : 5594813408996728261938711470404534272.0/15

Left In: -266.874 +/- 0.000 χ^2/NDF : 60126714615945865723332606140874752.0/2

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



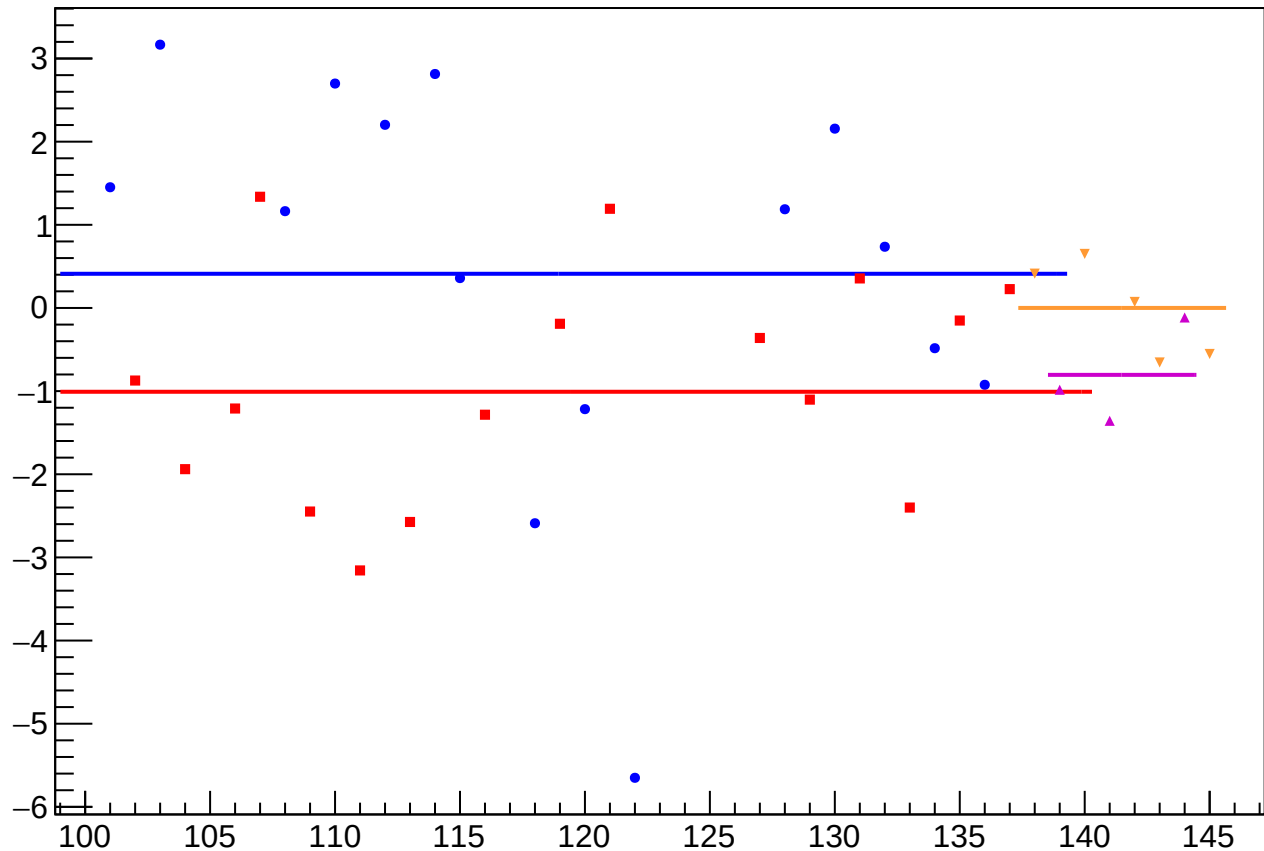
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 974.056 ± 0.000 χ^2/NDF : 15959127541053352267152754093645103104.0/4

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

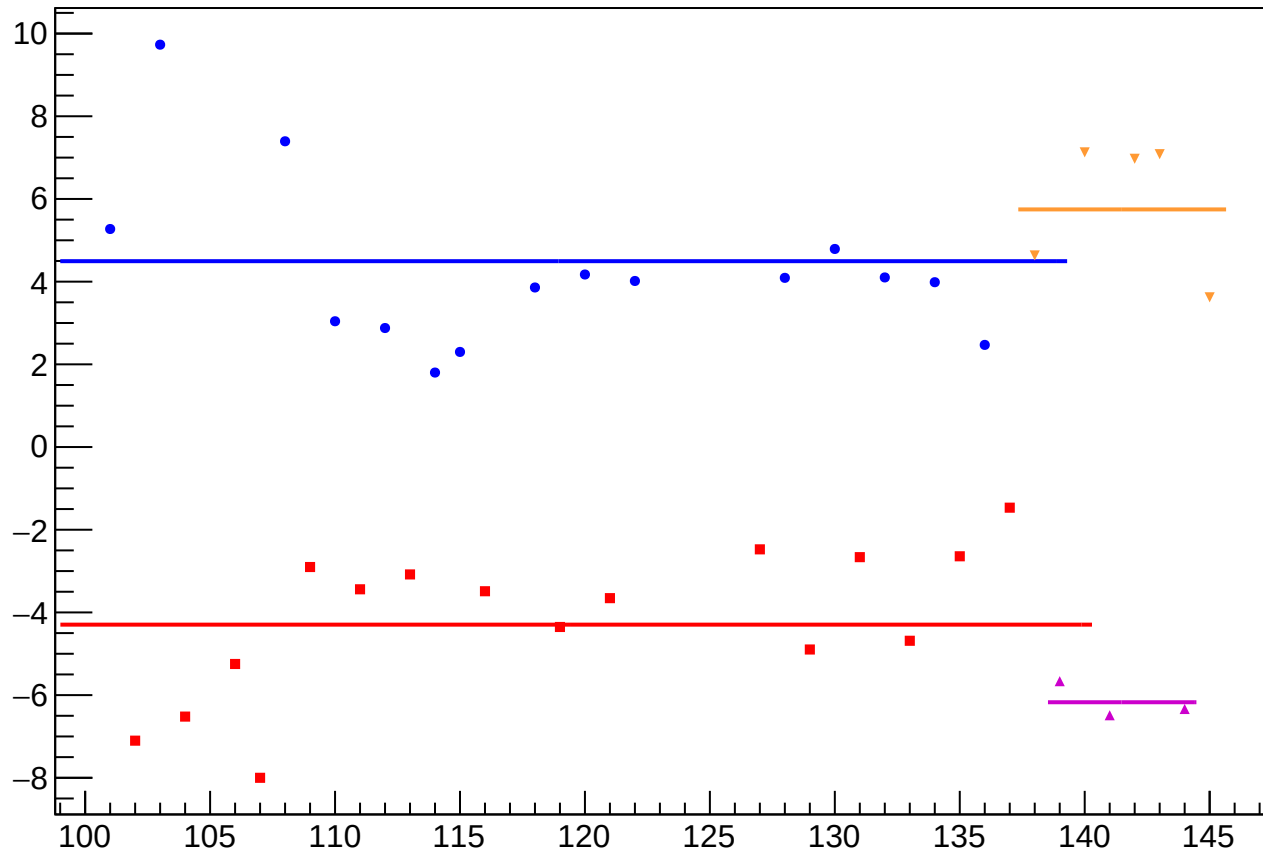
Left In: -1219.514 ± 0.000 χ^2/NDF : 4325839922214845015970174629559926784.0/2

dit_4aX_coil4_mean vs Slug, Sign Corrected



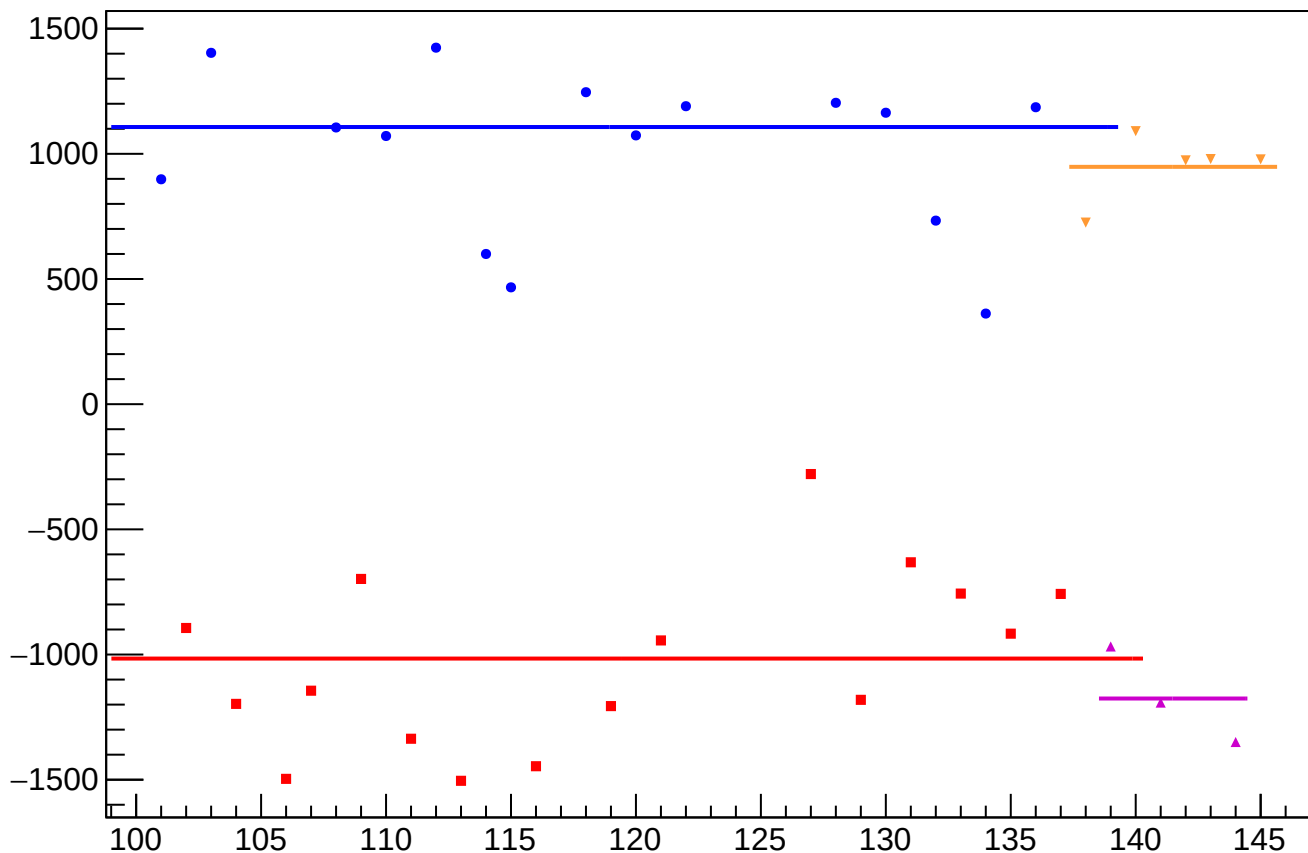
Right In: 0.411 ± 0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14
 Left Out: 0.000 ± 0.000 χ^2/NDF : 101747952605390826369699058548736.0/4
 Right Out: -1.008 ± 0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15
 Left In: -0.805 ± 0.000 χ^2/NDF : 70922235355343928362039278305280.0/2

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 4.495 +/- 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 5.747 +/- 0.000 χ^2/NDF : 807447003287322228015214436024320.0/4
 Right Out: -4.296 +/- 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: -6.172 +/- 0.000 χ^2/NDF : 31799991714844239434587536621568.0/2

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



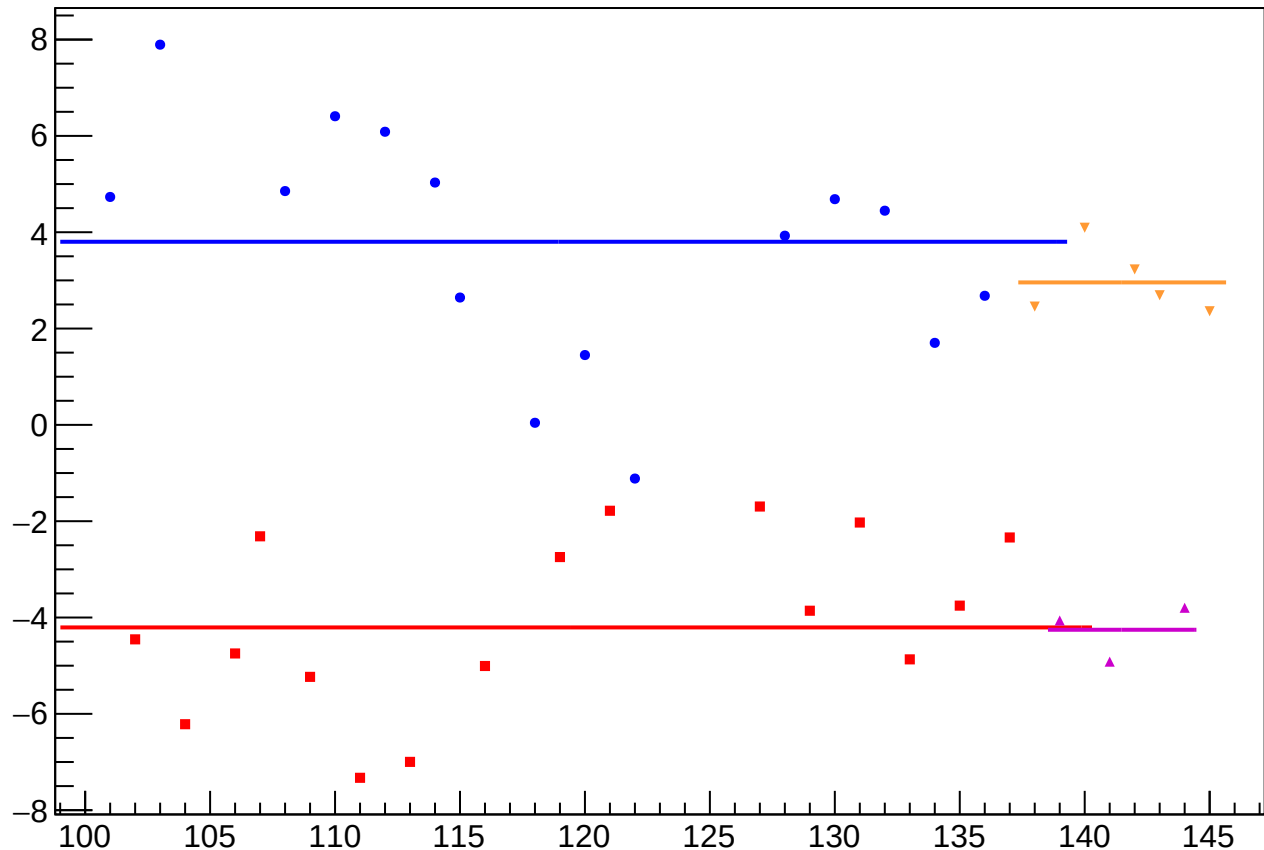
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989 +/- 0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

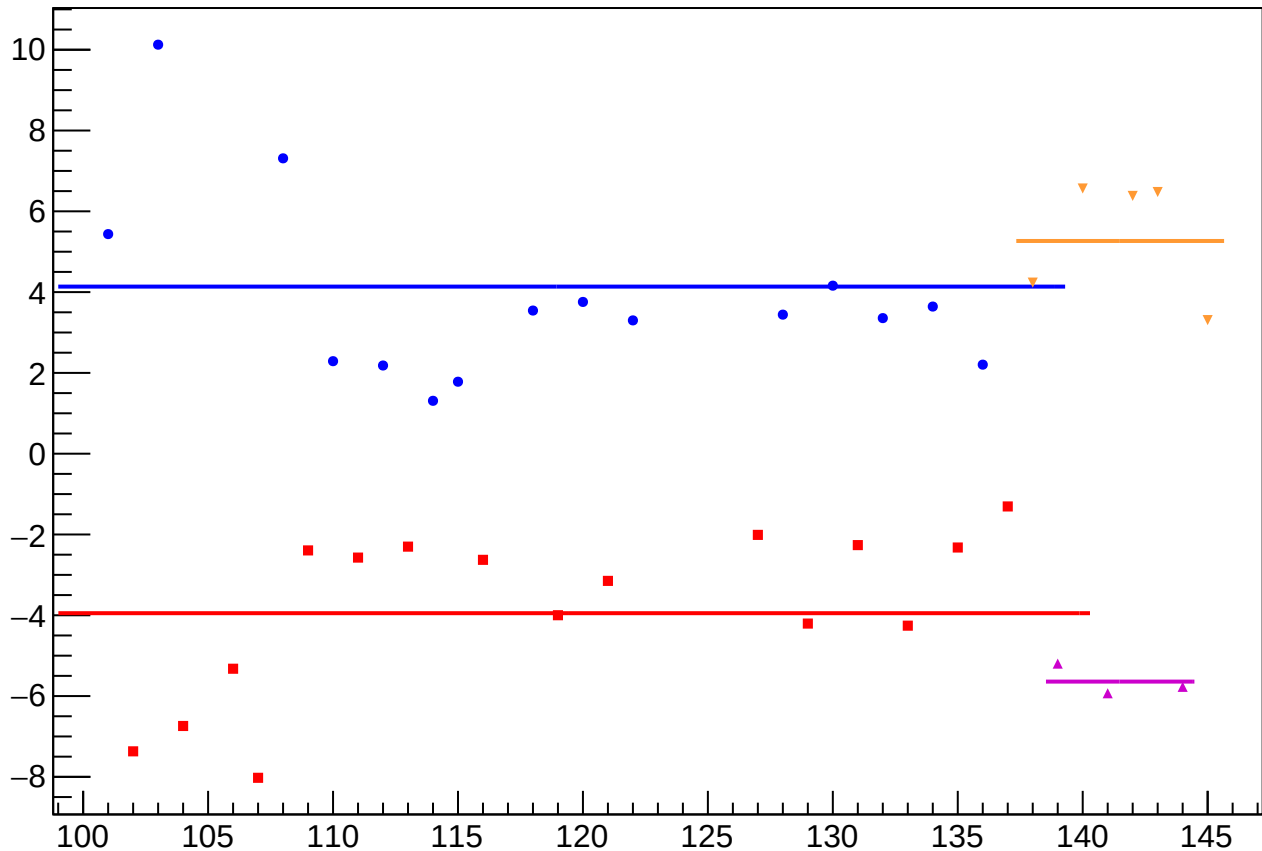
Left In: -1175.686 +/- 0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_4eX_coil4_mean vs Slug, Sign Corrected



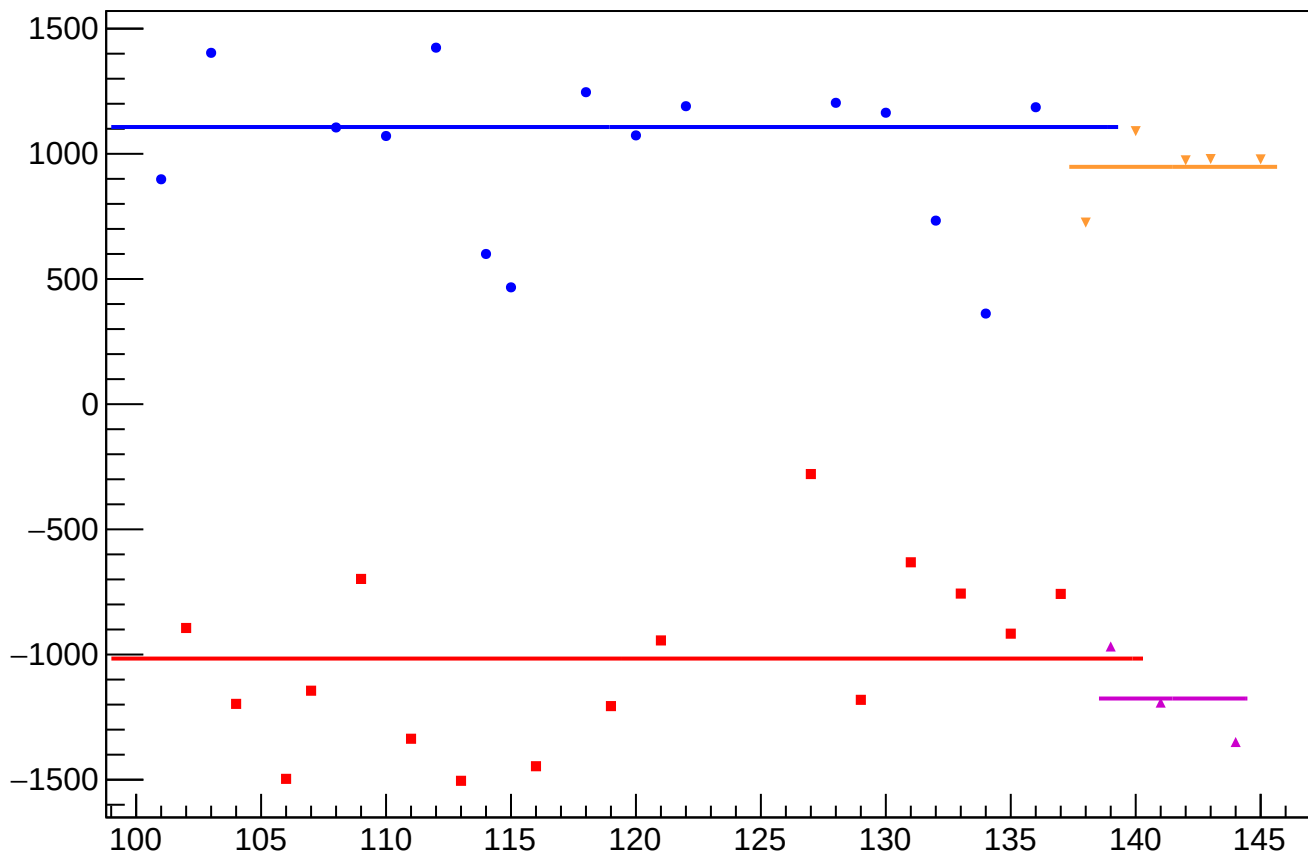
Right In: 3.802 ± 0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 2.958 ± 0.000 χ^2/NDF : 162511122842103721912788049723392.0/4
 Right Out: -4.206 ± 0.000 χ^2/NDF : 2096427813341454573332265183477760.0/15
 Left In: -4.254 ± 0.000 χ^2/NDF : 58827301648616033042108661104640.0/2

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 4.136+/-0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 5.266+/-0.000 χ^2/NDF : 687848341830840998920681575940096.0/4
 Right Out: -3.948+/-0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: -5.642+/-0.000 χ^2/NDF : 24651689099198433059289675333632.0/2

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



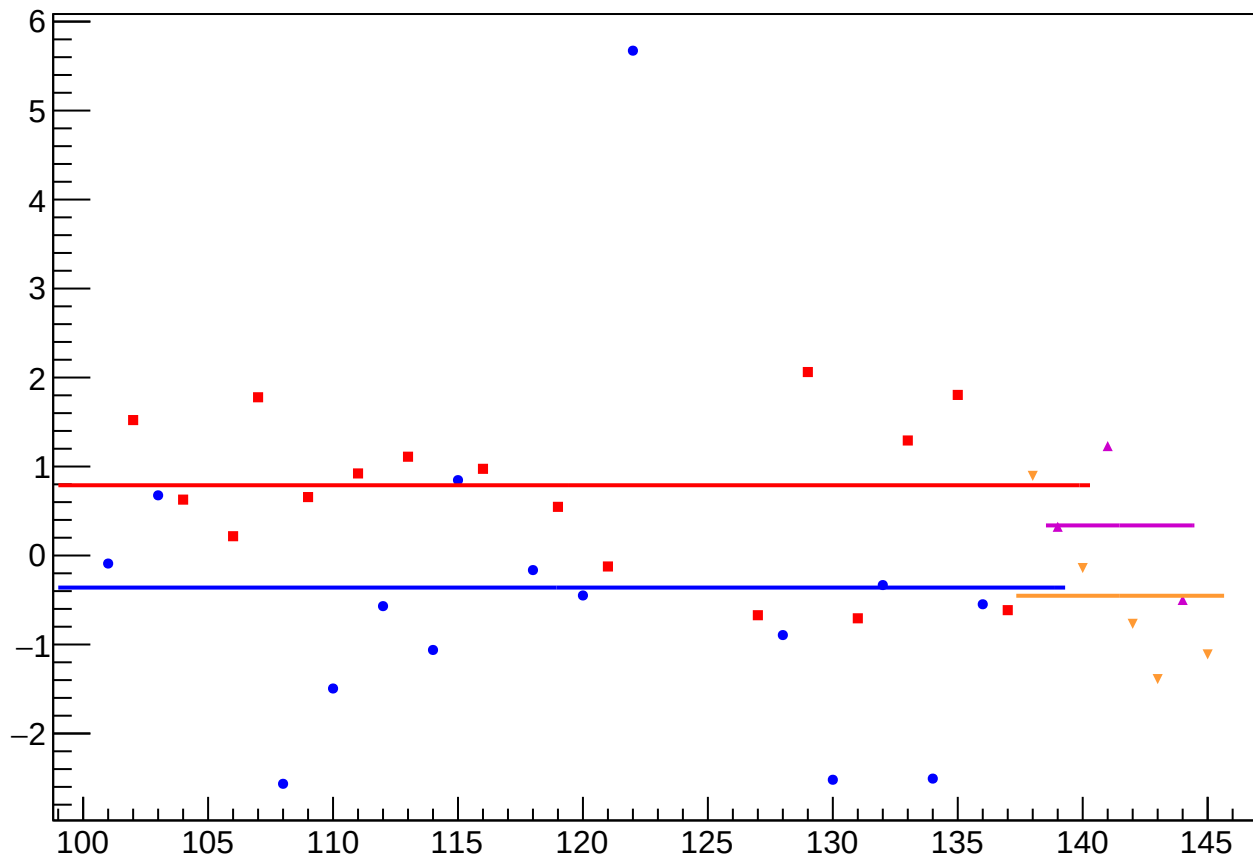
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_11X12X_coil4_mean vs Slug, Sign Corrected



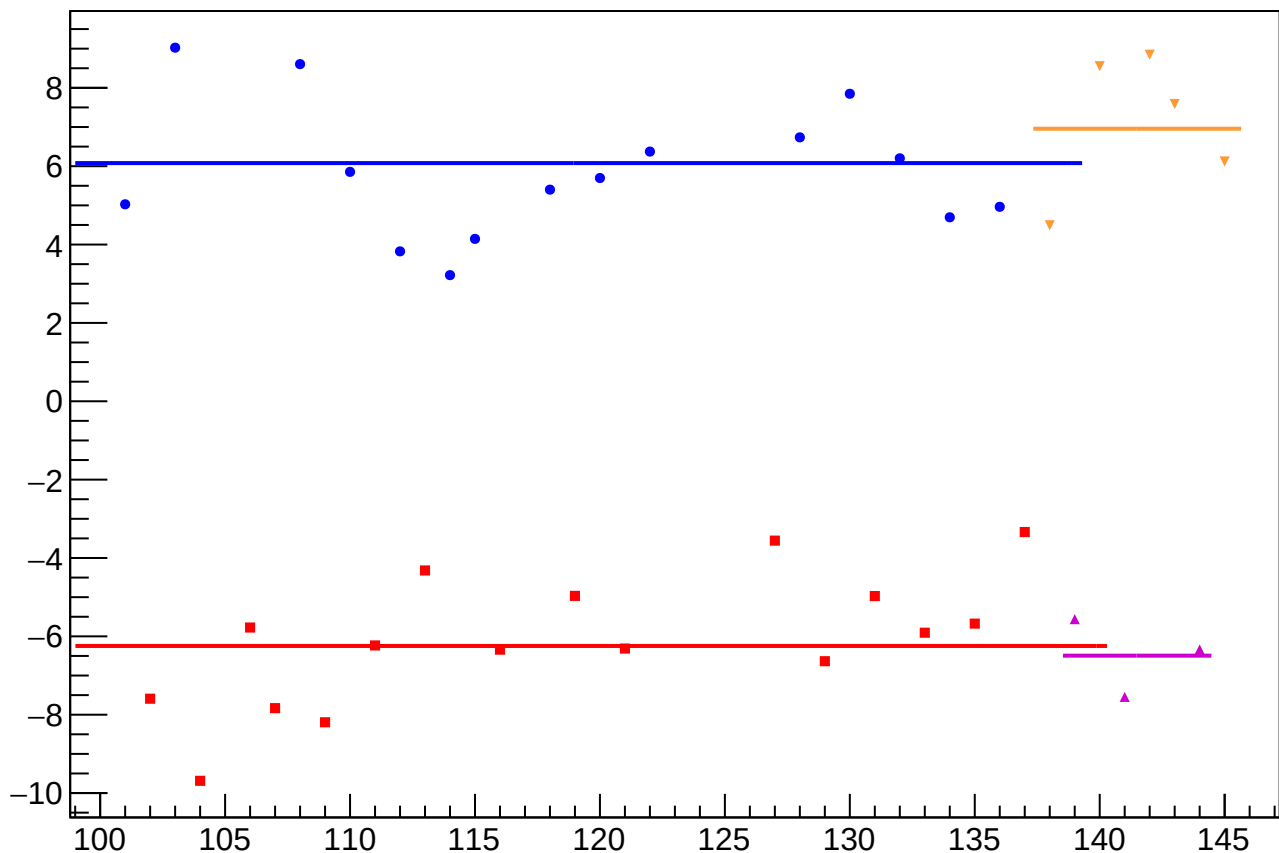
Right In: -0.360 ± 0.000 $\chi^2/\text{NDF}: 2180256348790896849346212178952192.0/14$

Left Out: -0.452 ± 0.000 $\chi^2/\text{NDF}: 248024688977658297508951578640384.0/4$

Right Out: 0.790 ± 0.000 $\chi^2/\text{NDF}: 463078369073343959803422903894016.0/15$

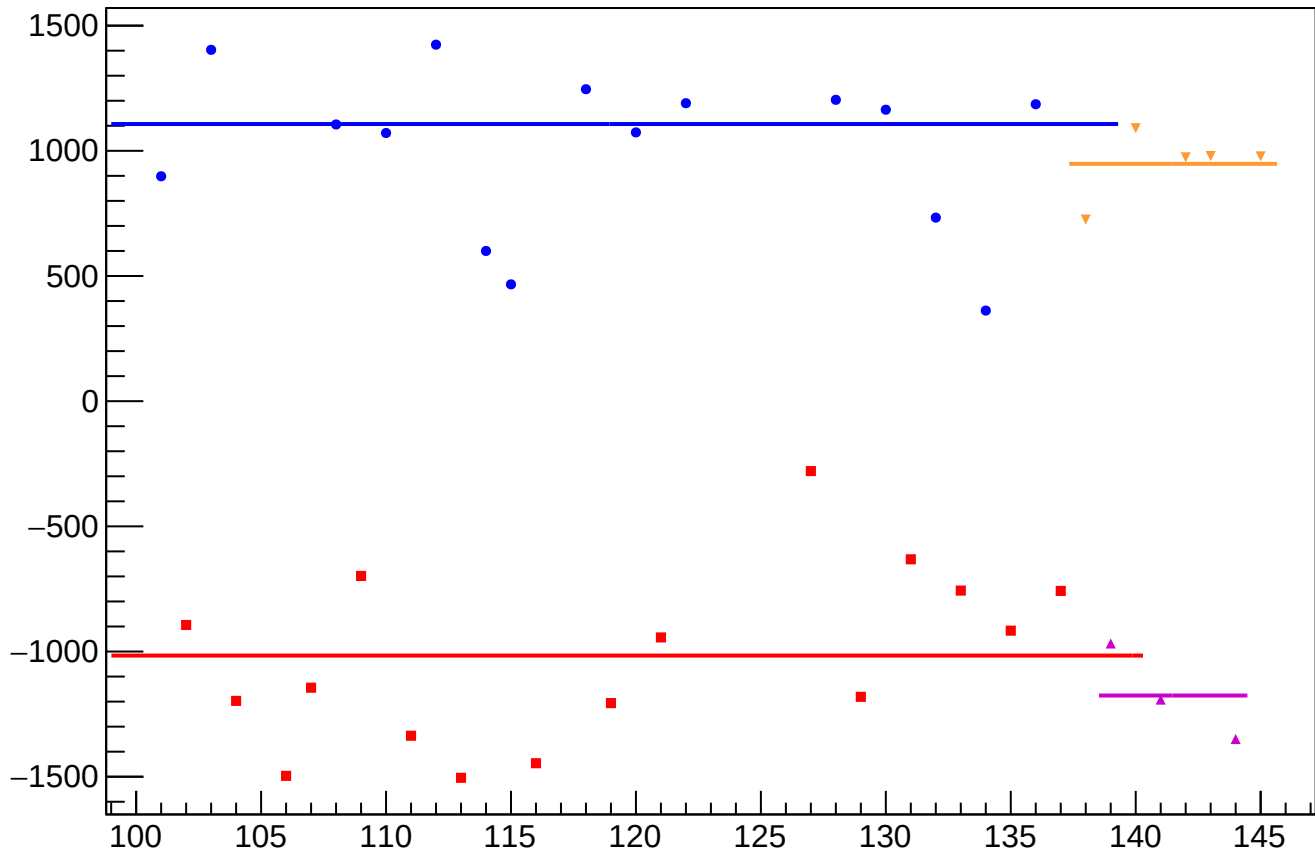
Left In: 0.338 ± 0.000 $\chi^2/\text{NDF}: 129991066490029623621924457283584.0/2$

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079 ± 0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14
 Left Out: 6.957 ± 0.000 χ^2/NDF : 929991002995475656738177286144000.0/4
 Right Out: -6.245 ± 0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15
 Left In: -6.493 ± 0.000 χ^2/NDF : 166693940084253623898313123168256.0/2

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



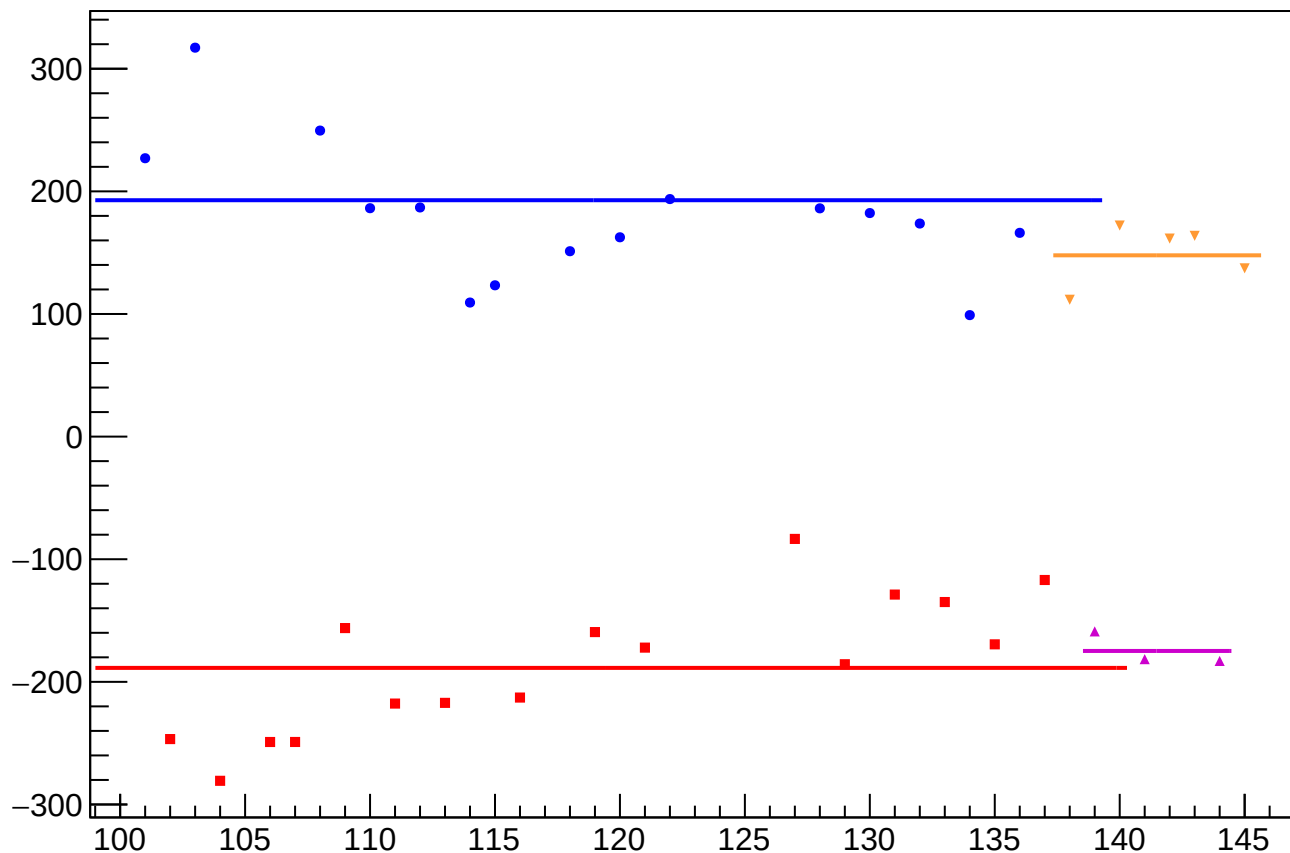
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_4aY_coil4_mean vs Slug, Sign Corrected



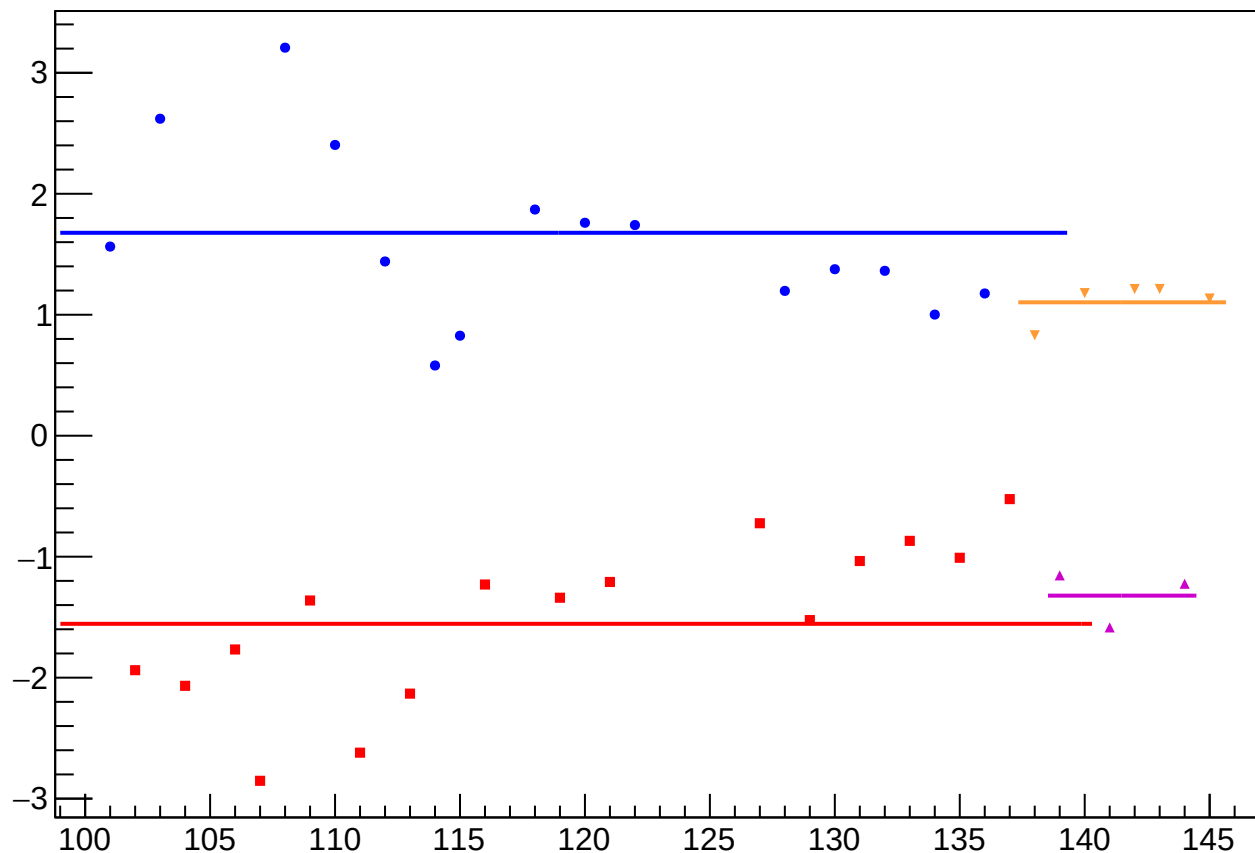
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 147.839+/-0.000 χ^2/NDF : 185436866881630688063700469834317824.0/4

Right Out: -188.612+/-0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: -174.802+/-0.000 χ^2/NDF : 30317309200420064235050356717912064.0/2

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



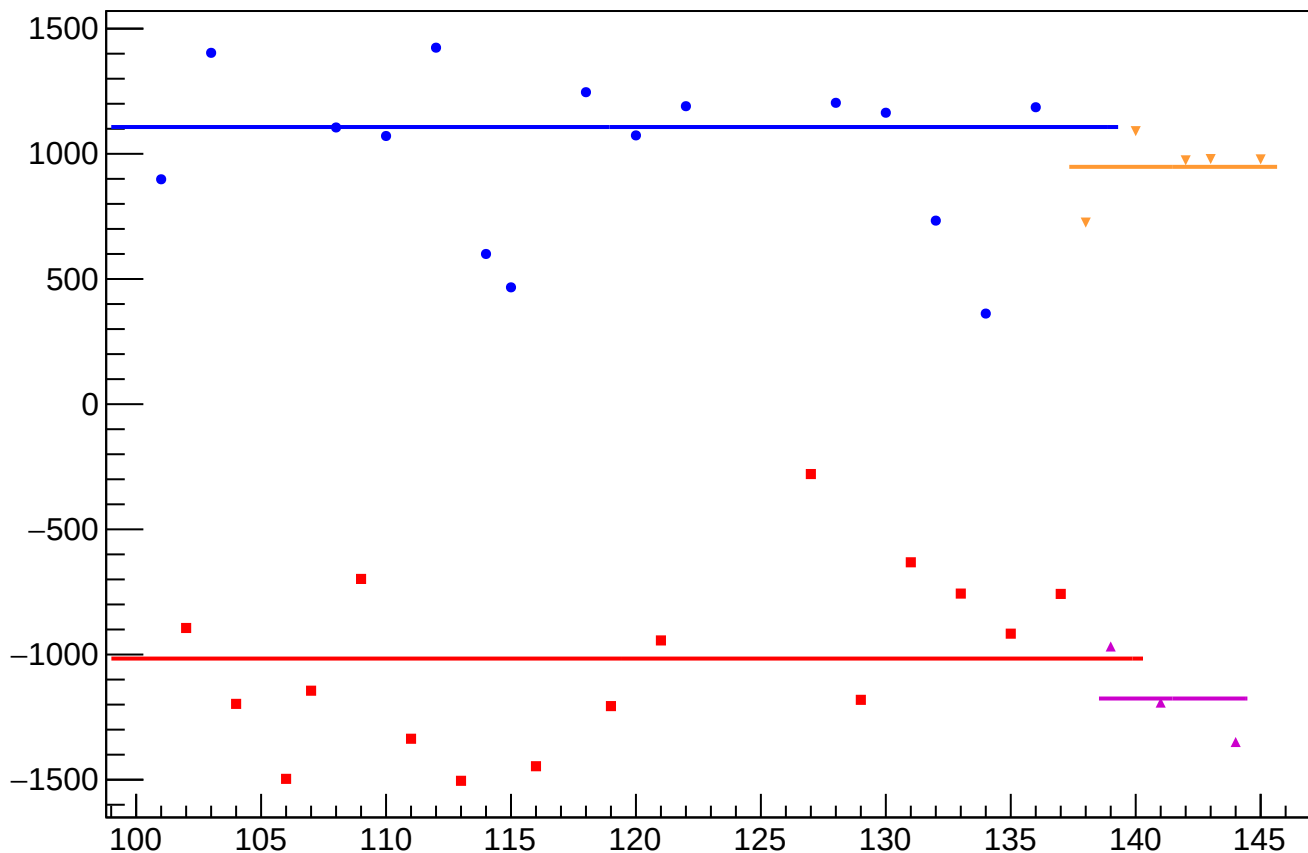
Right In: 1.677+/-0.000 χ^2/NDF : 241879924044788593292791559225344.0/14

Left Out: 1.103+/-0.000 χ^2/NDF : 7719393174688433923832932204544.0/4

Right Out: -1.555+/-0.000 χ^2/NDF : 255645951433890296827677195108352.0/15

Left In: -1.322+/-0.000 χ^2/NDF : 8996455865119985815829828599808.0/2

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



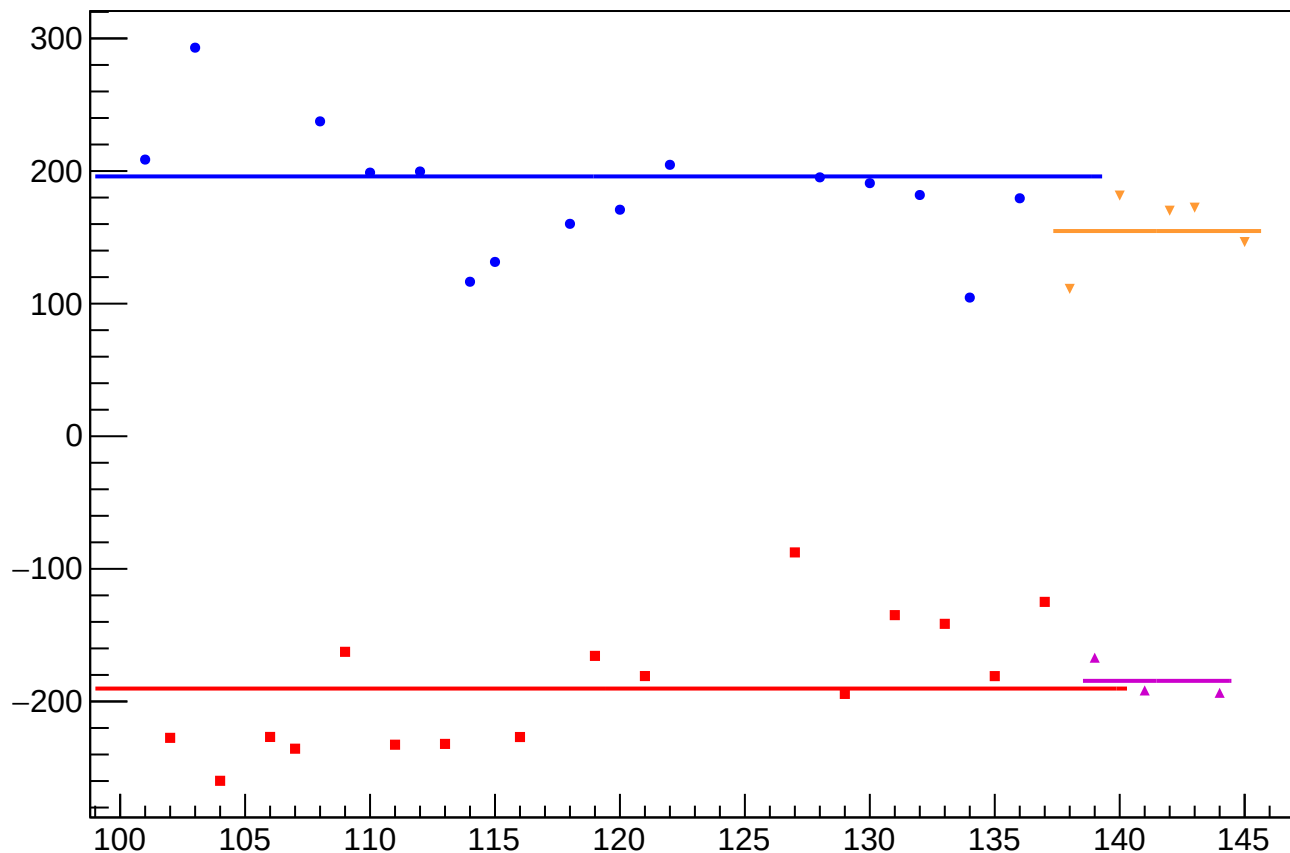
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_4eY_coil4_mean vs Slug, Sign Corrected



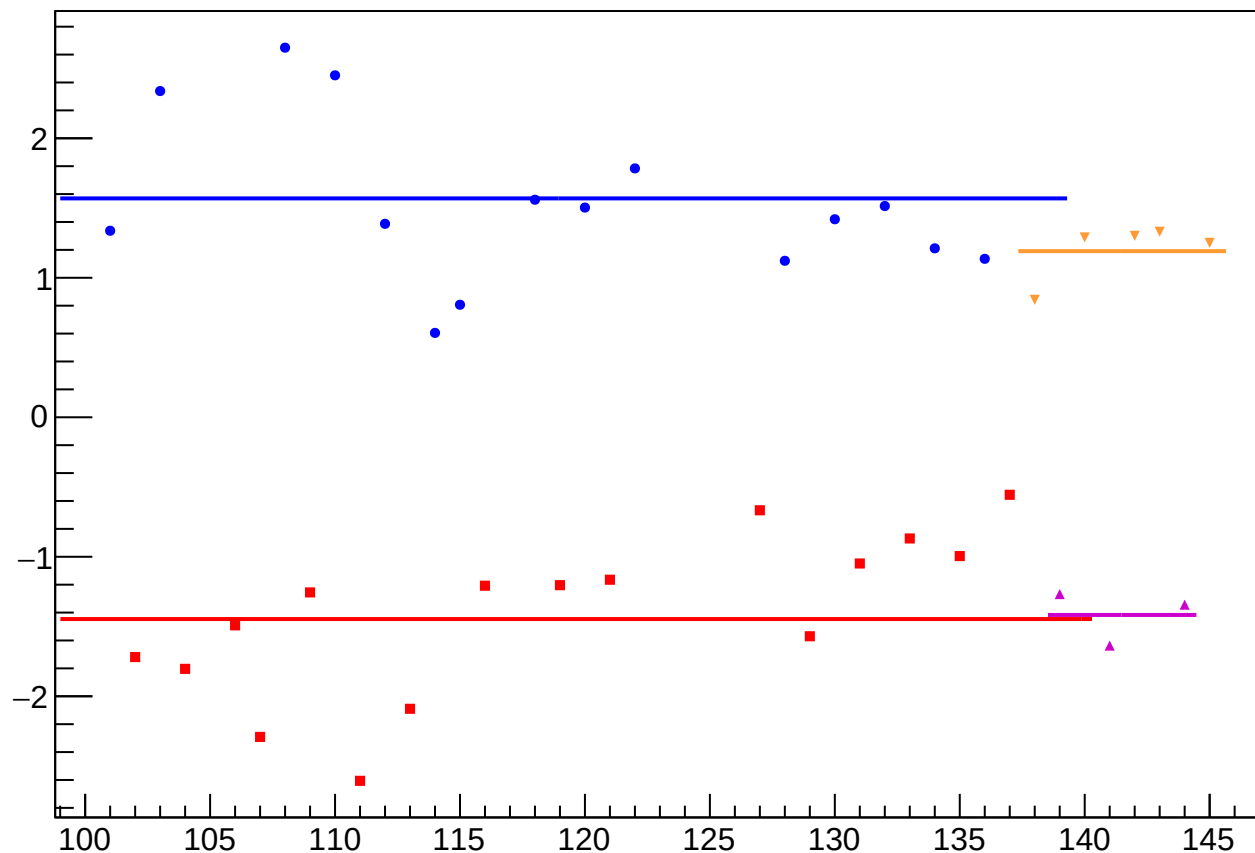
Right In: 195.940 $\pm$ 0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 154.758 $\pm$ 0.000 χ^2/NDF : 244236149329686591474132177465114624.0/4

Right Out: -190.268 $\pm$ 0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

Left In: -184.460 $\pm$ 0.000 χ^2/NDF : 36406869948599930688593057353302016.0/2

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



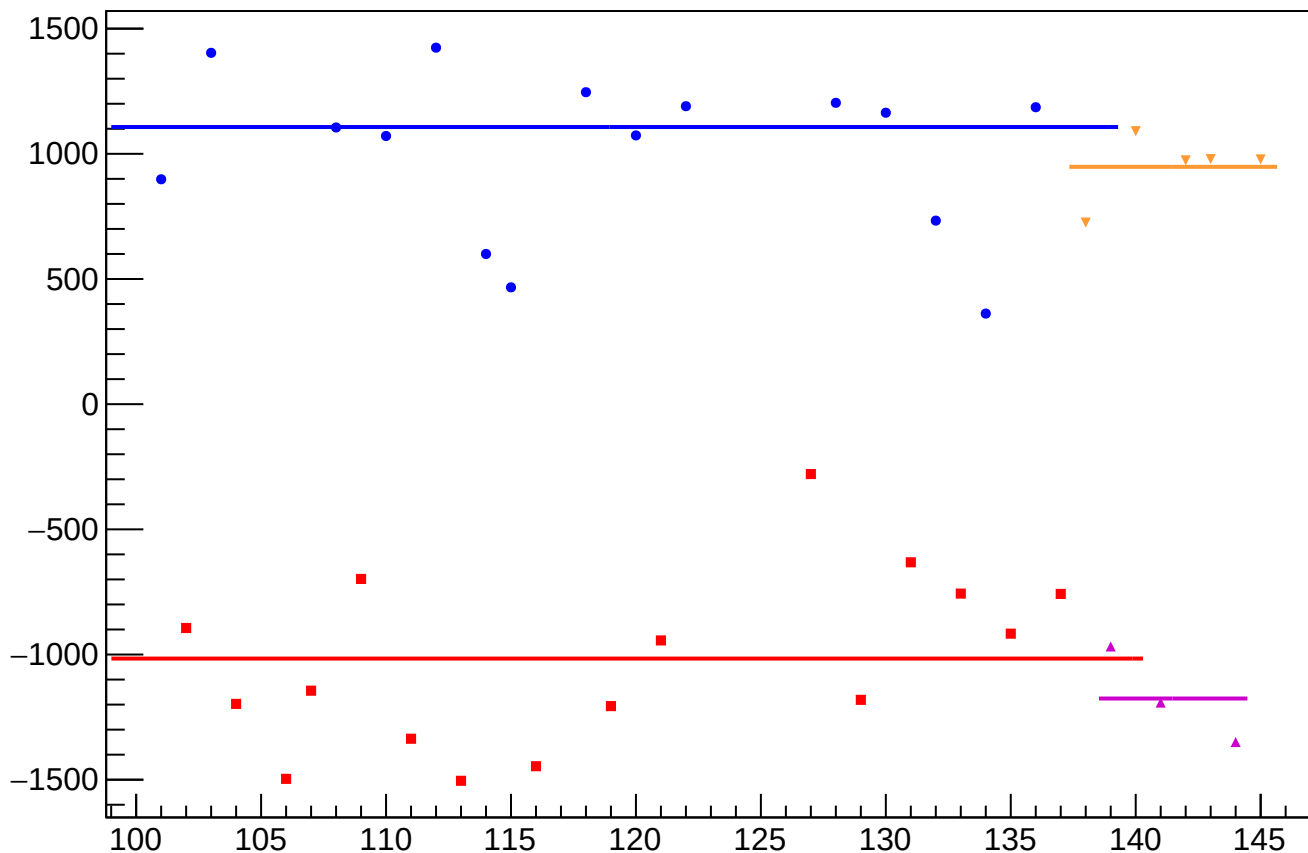
Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.191+/-0.000 χ^2/NDF : 12403697408676614636241017634816.0/4

Right Out: -1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

Left In: -1.417+/-0.000 χ^2/NDF : 6395662009893452105327765880832.0/2

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



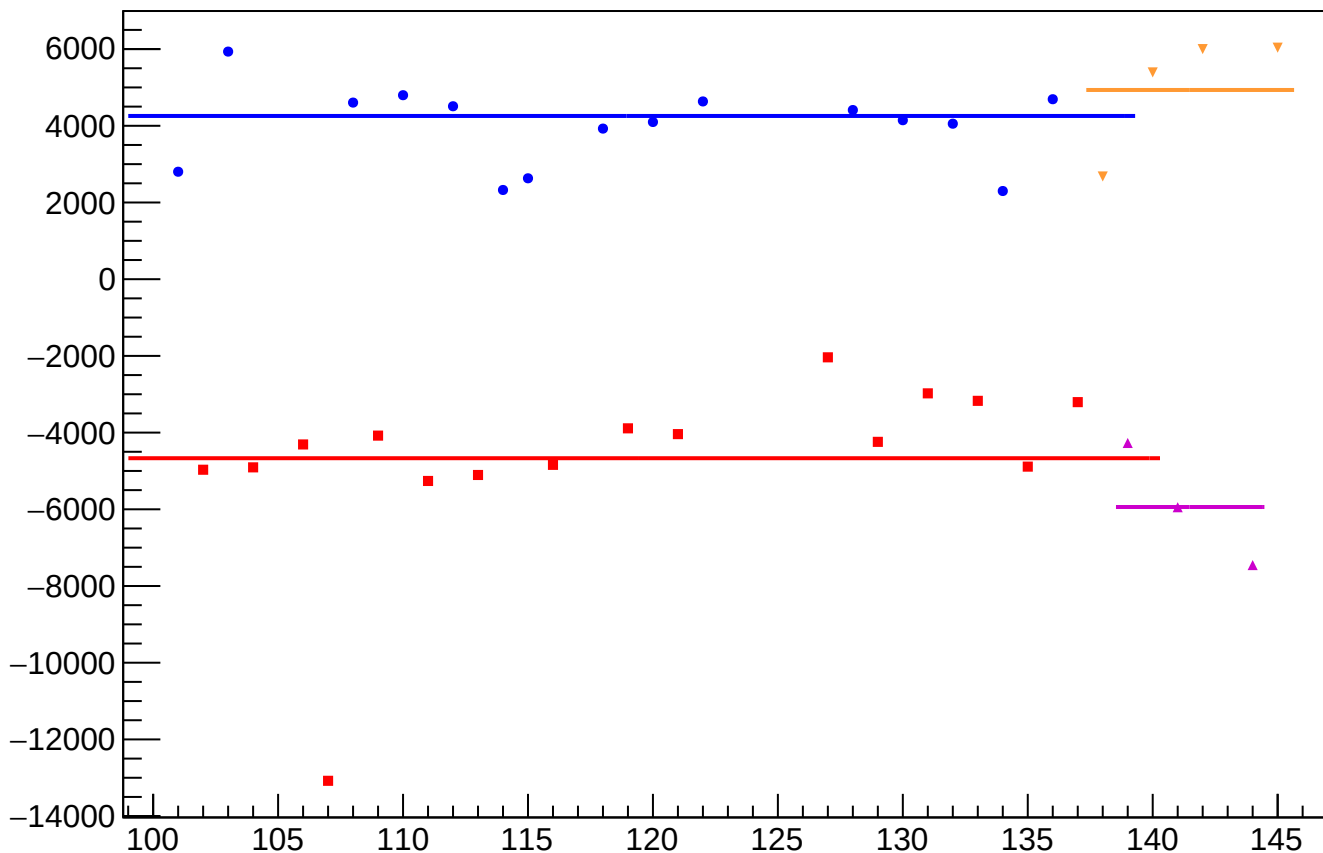
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_usl_coil4_mean vs Slug, Sign Corrected



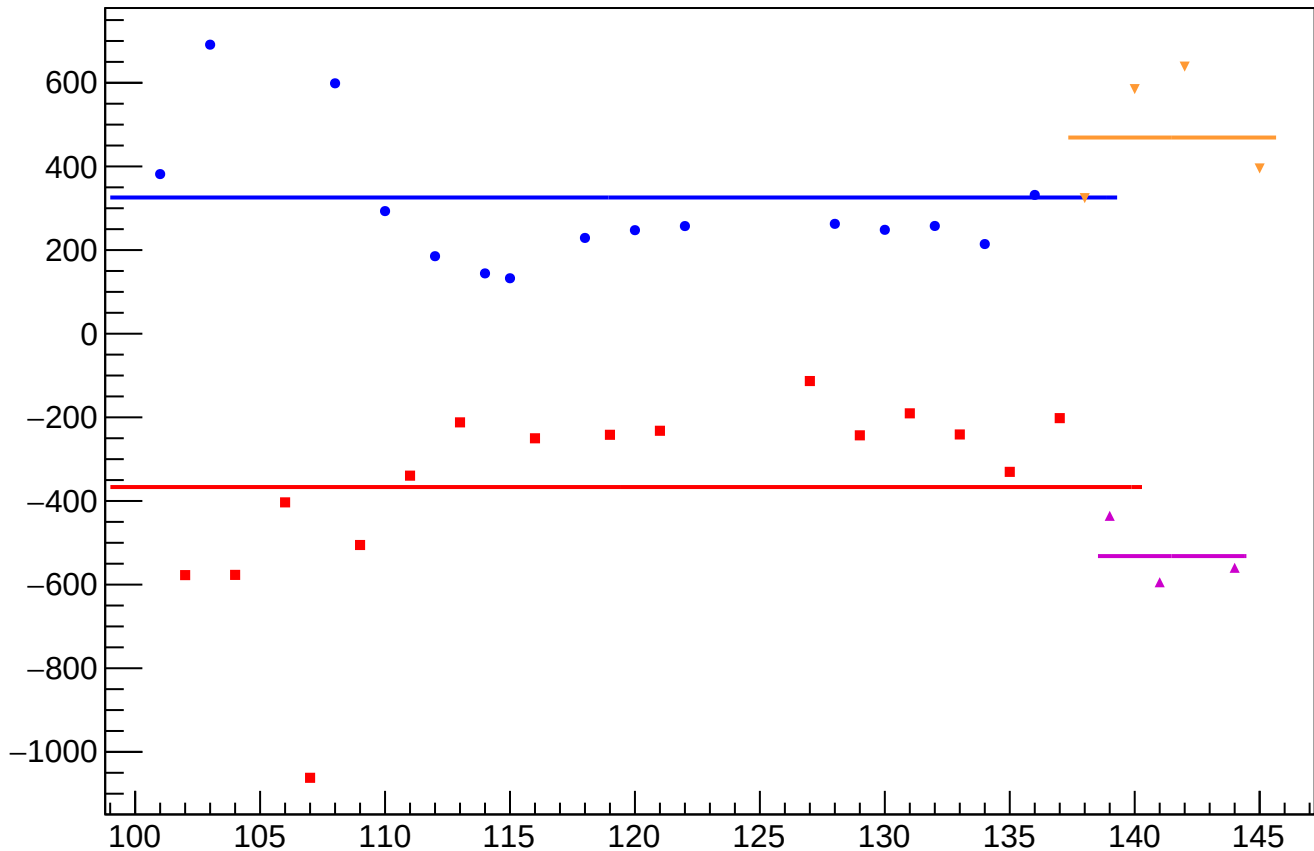
Right In: 4256.386 $\pm$ 0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14

Left Out: 4933.894 $\pm$ 0.000 χ^2/NDF : 564769897392553887986475027294100389888.0/3

Right Out: -4667.832 $\pm$ 0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15

Left In: -5939.948 $\pm$ 0.000 χ^2/NDF : 429877806916469774514207727627588861952.0/2

dit_usl_coil4_err_mean vs Slug, Sign Corrected



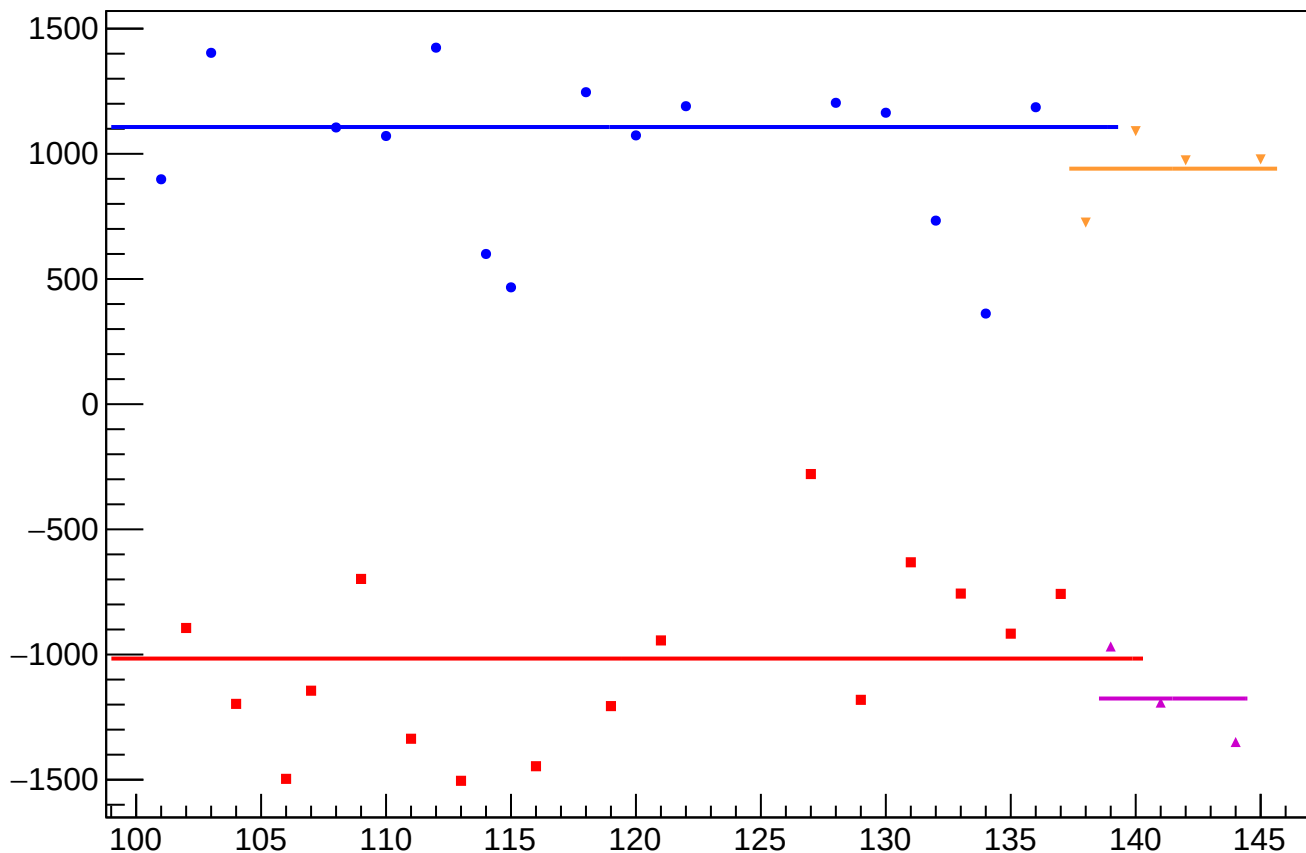
Right In: 325.732 +/- 0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 469.127 +/- 0.000 χ^2/NDF : 4502288068743623637977843174897352704.0/3

Right Out: -366.682 +/- 0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

Left In: -531.794 +/- 0.000 χ^2/NDF : 1153478679390820503376279511647649792.0/2

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



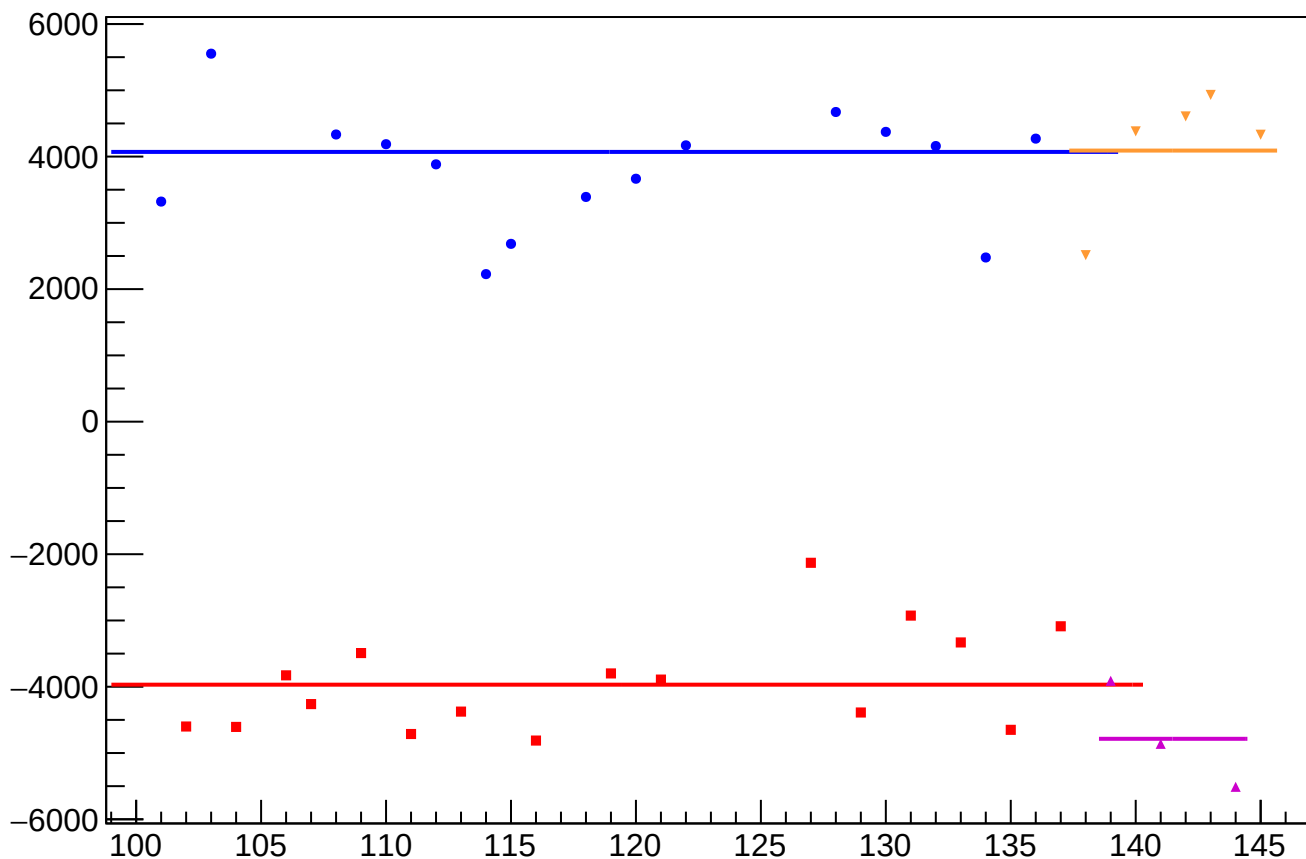
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 940.725+/-0.000 χ^2/NDF : 5620265612187715230829894606279147520.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_usr_coil4_mean vs Slug, Sign Corrected



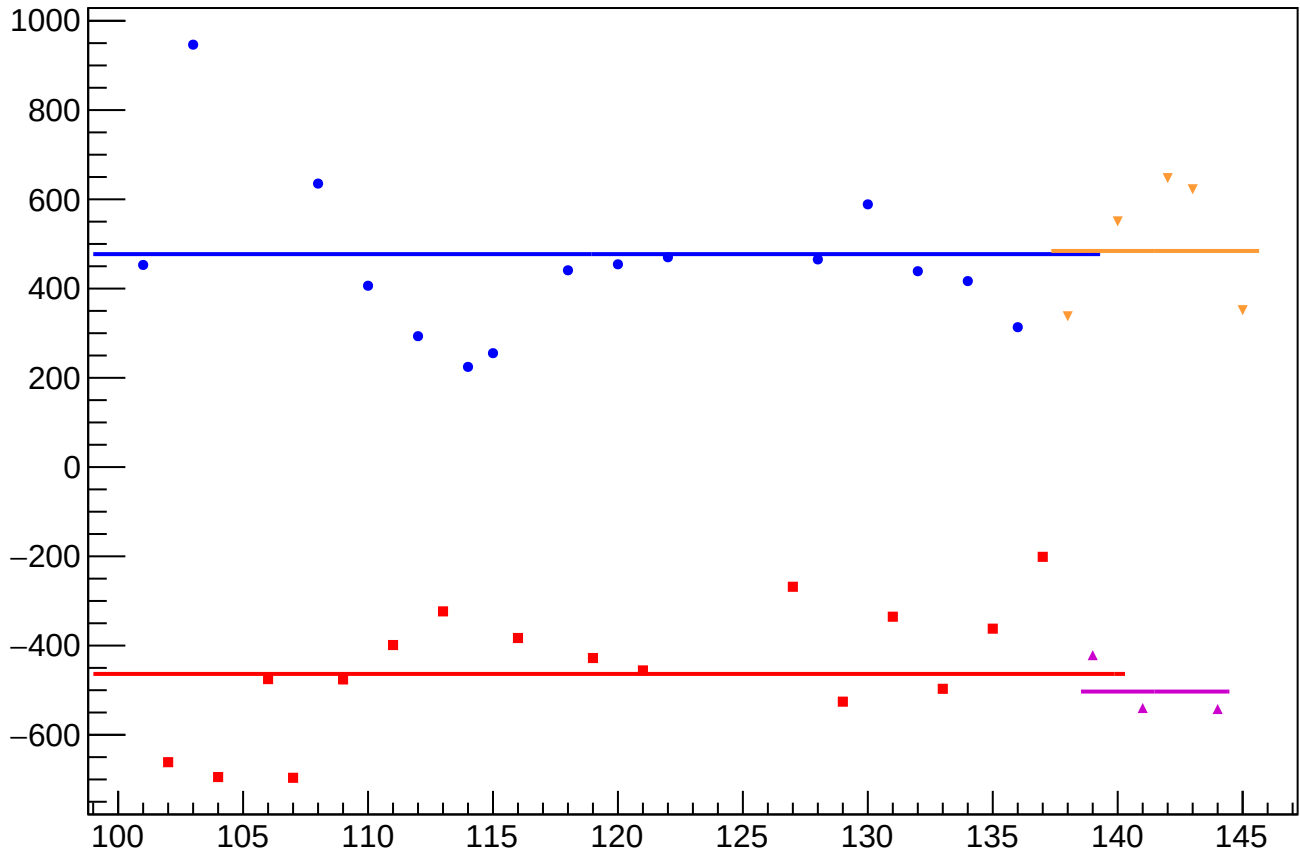
Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14

Left Out: 4090.602+/-0.000 χ^2/NDF : 265264974523284911886407078698379378688.0/4

Right Out: -3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15

Left In: -4785.489+/-0.000 χ^2/NDF : 109193174056931500698019440044281954304.0/2

dit_usr_coil4_err_mean vs Slug, Sign Corrected



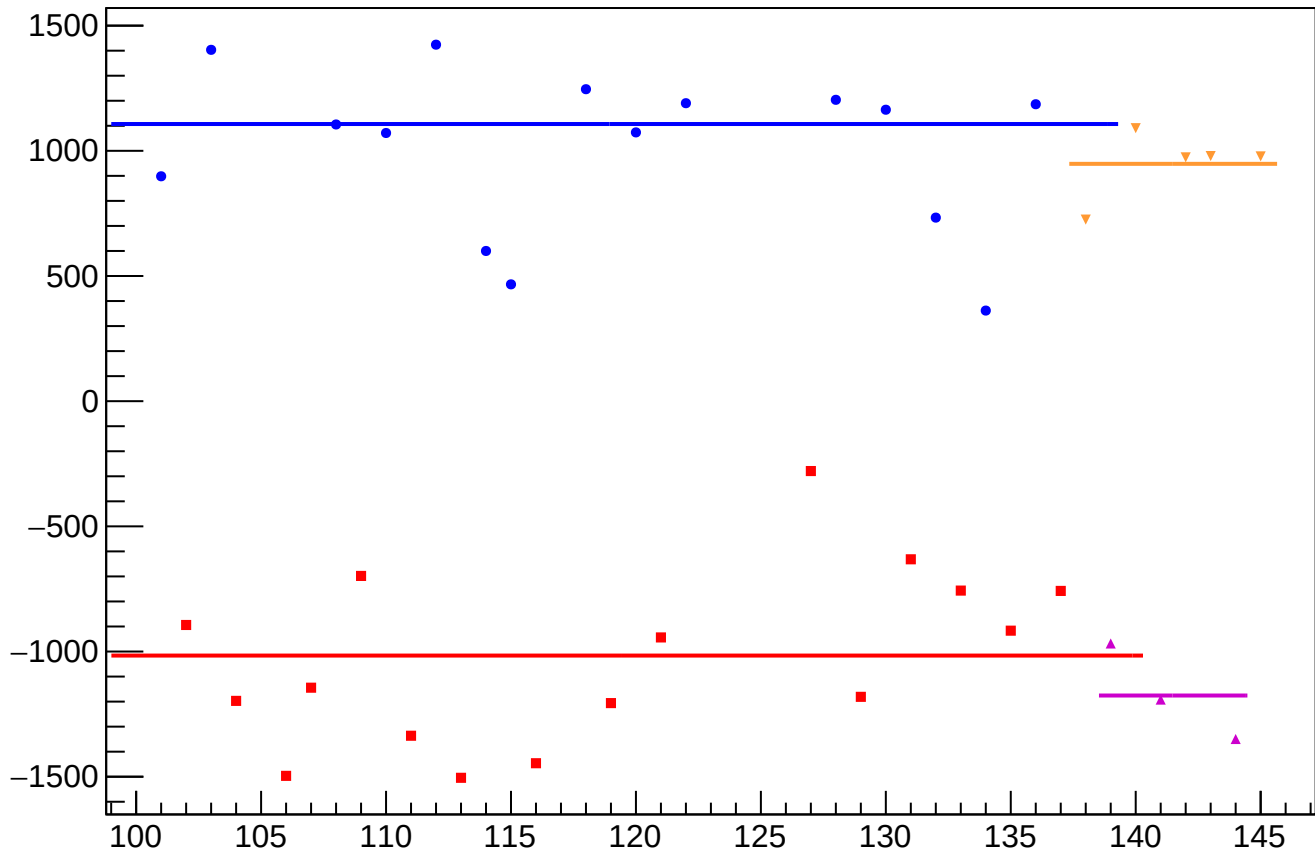
Right In: 477.186 $\pm$ 0.000 χ^2 /NDF: 20455719931758379978892605184974782464.0/14

Left Out: 484.340 $\pm$ 0.000 χ^2 /NDF: 5964777321152457018609796540660711424.0/4

Right Out: -463.513 $\pm$ 0.000 χ^2 /NDF: 12556777931069903370031832388184571904.0/15

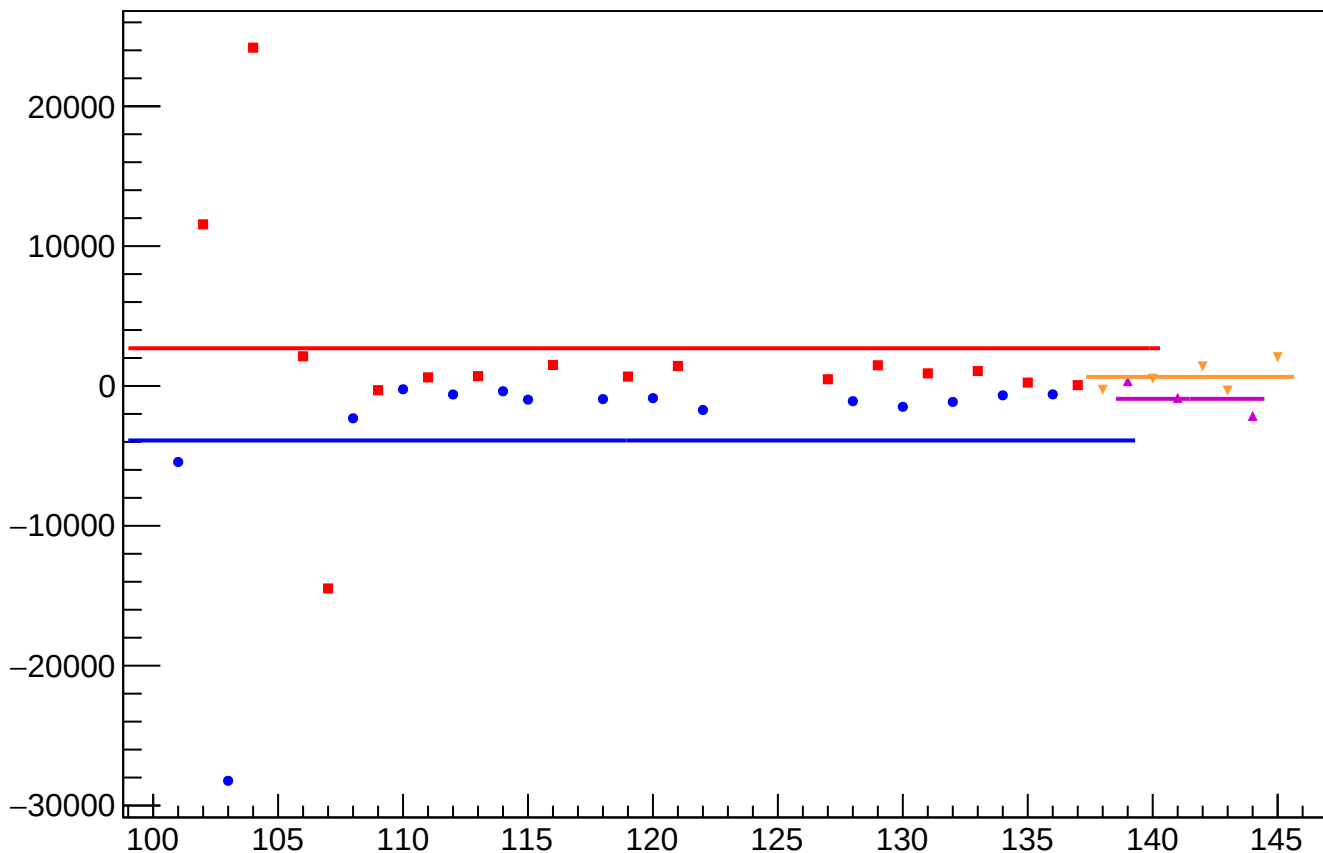
Left In: -503.048 $\pm$ 0.000 χ^2 /NDF: 790774209413394400607287288111562752.0/2

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



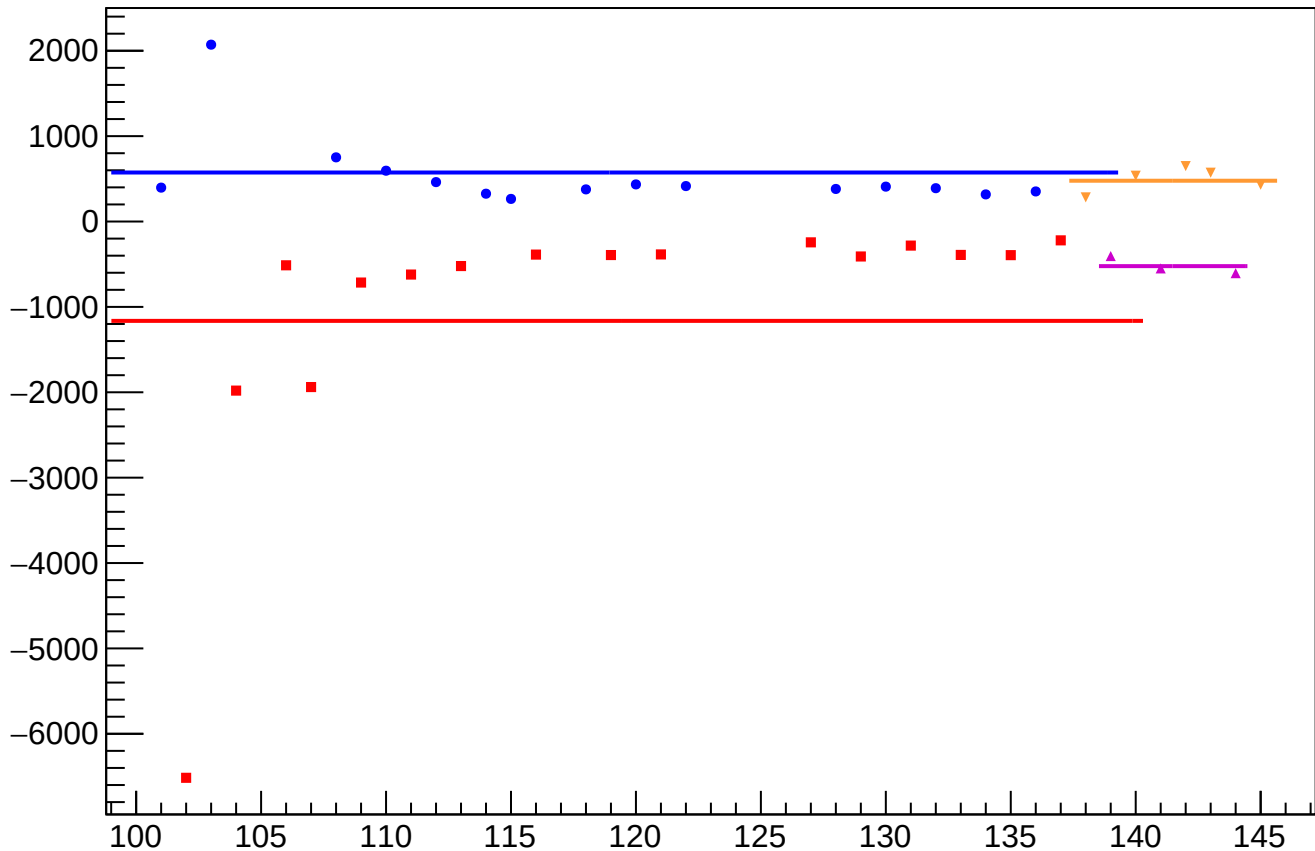
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: -3896.522 ± 0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: 650.768 ± 0.000 χ^2/NDF : 318000845532174319492149367551169658880.0/4
 Right Out: 2695.992 ± 0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -919.070 ± 0.000 χ^2/NDF : 261816880347700428415294404360457420800.0/2

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



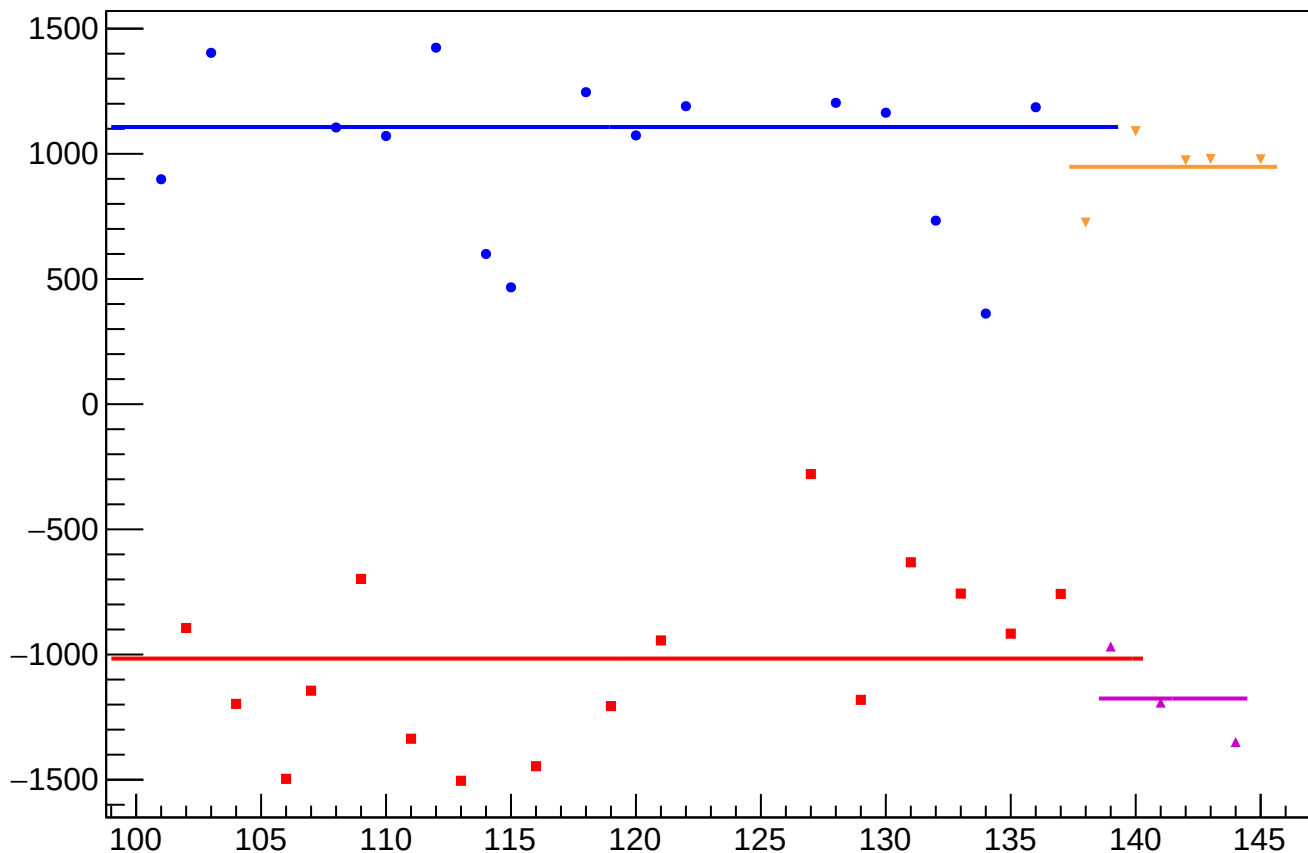
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

Left Out: 477.809+/-0.000 χ^2/NDF : 5369830409550015185078794885617680384.0/4

Right Out: -1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15

Left In: -522.544+/-0.000 χ^2/NDF : 1792268162519535498741258273387708416.0/2

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



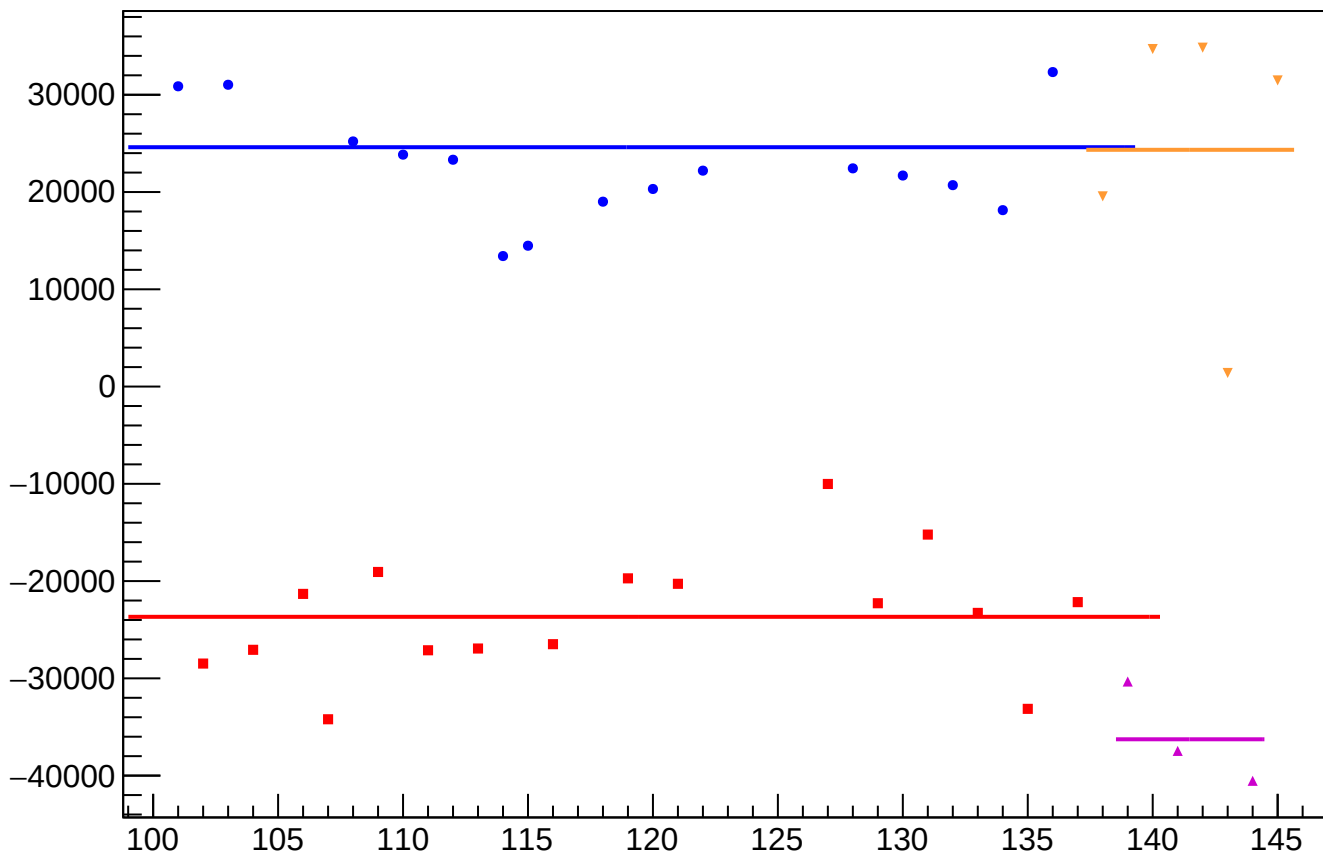
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

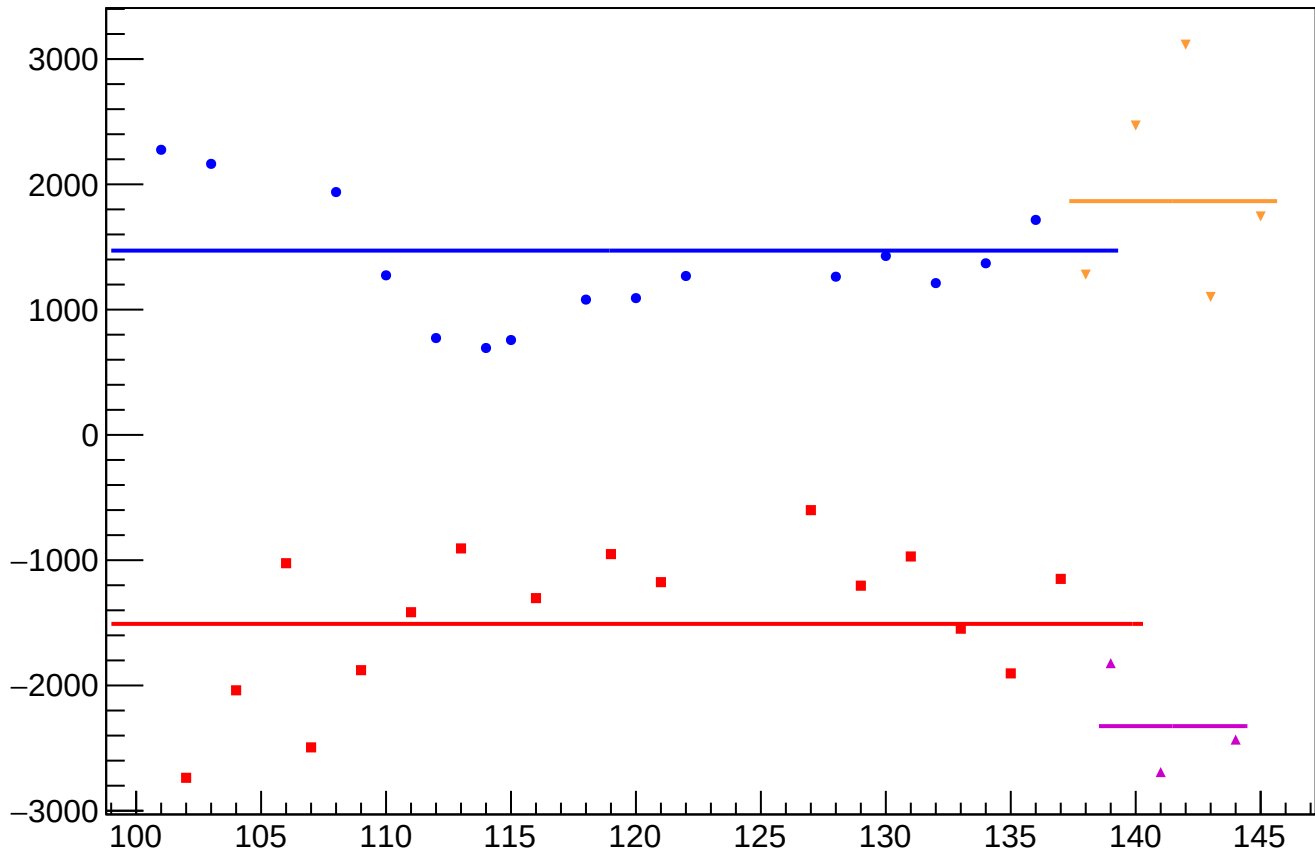
Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_atl2_coil4_mean vs Slug, Sign Corrected



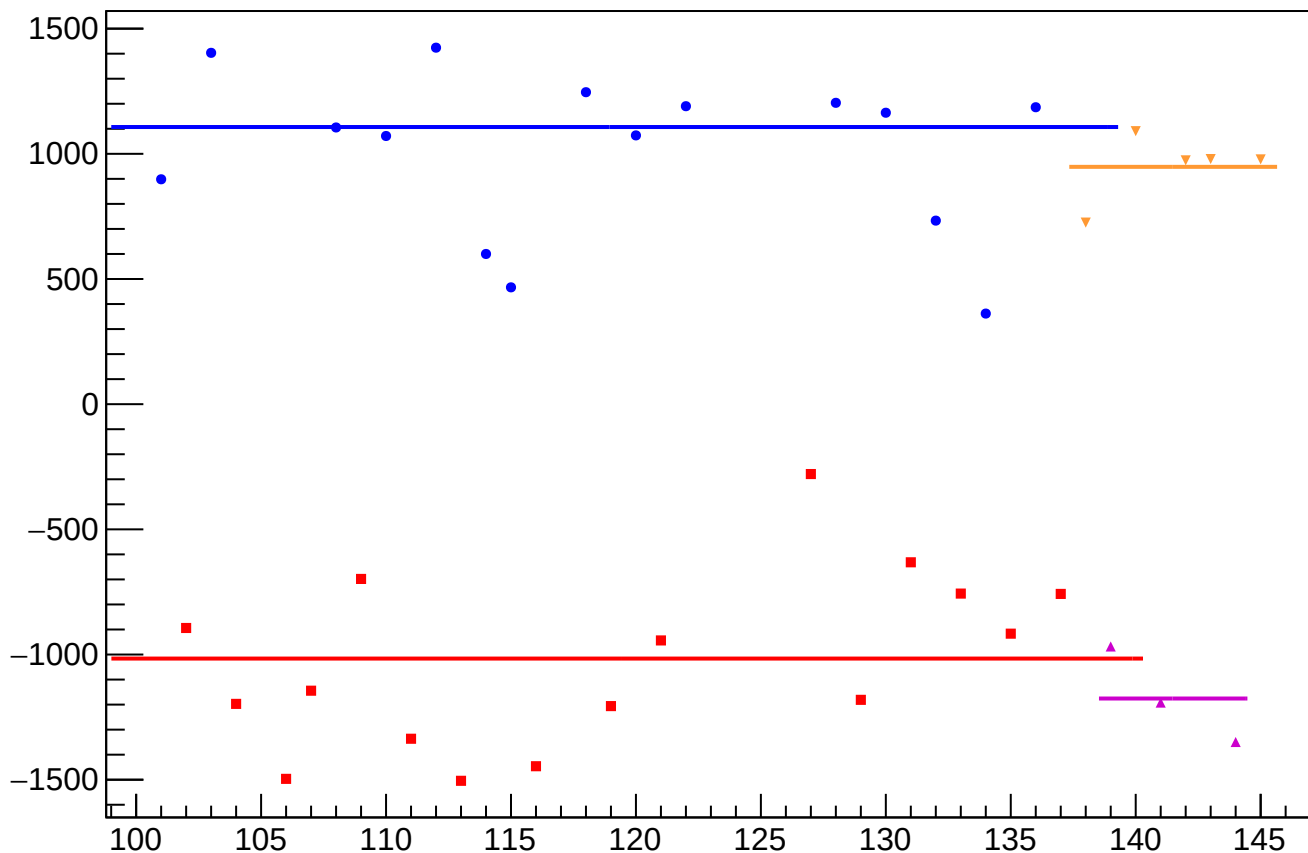
Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 24341.418+/-0.000 χ^2/NDF : 55056807028529936123754623958511970680832.0/4
 Right Out: -23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: -36266.072+/-0.000 χ^2/NDF : 4600009610487101673904058810430033756160.0/2

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14
 Left Out: 1865.991+/-0.000 χ^2/NDF : 168856985175070083095510300186313228288.0/4
 Right Out: -1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15
 Left In: -2324.525+/-0.000 χ^2/NDF : 32917930173579015687841351654812155904.0/2

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



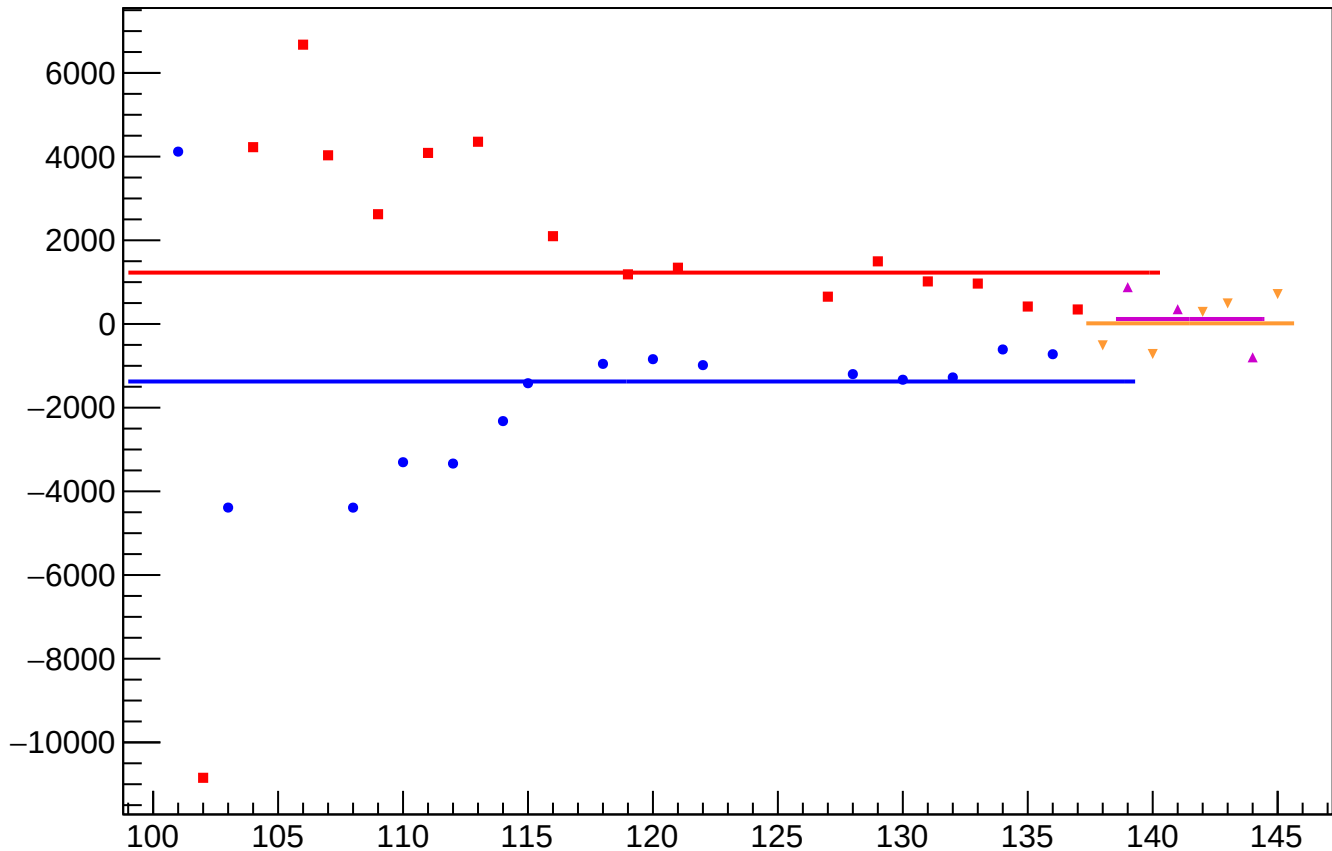
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_atr1_coil4_mean vs Slug, Sign Corrected



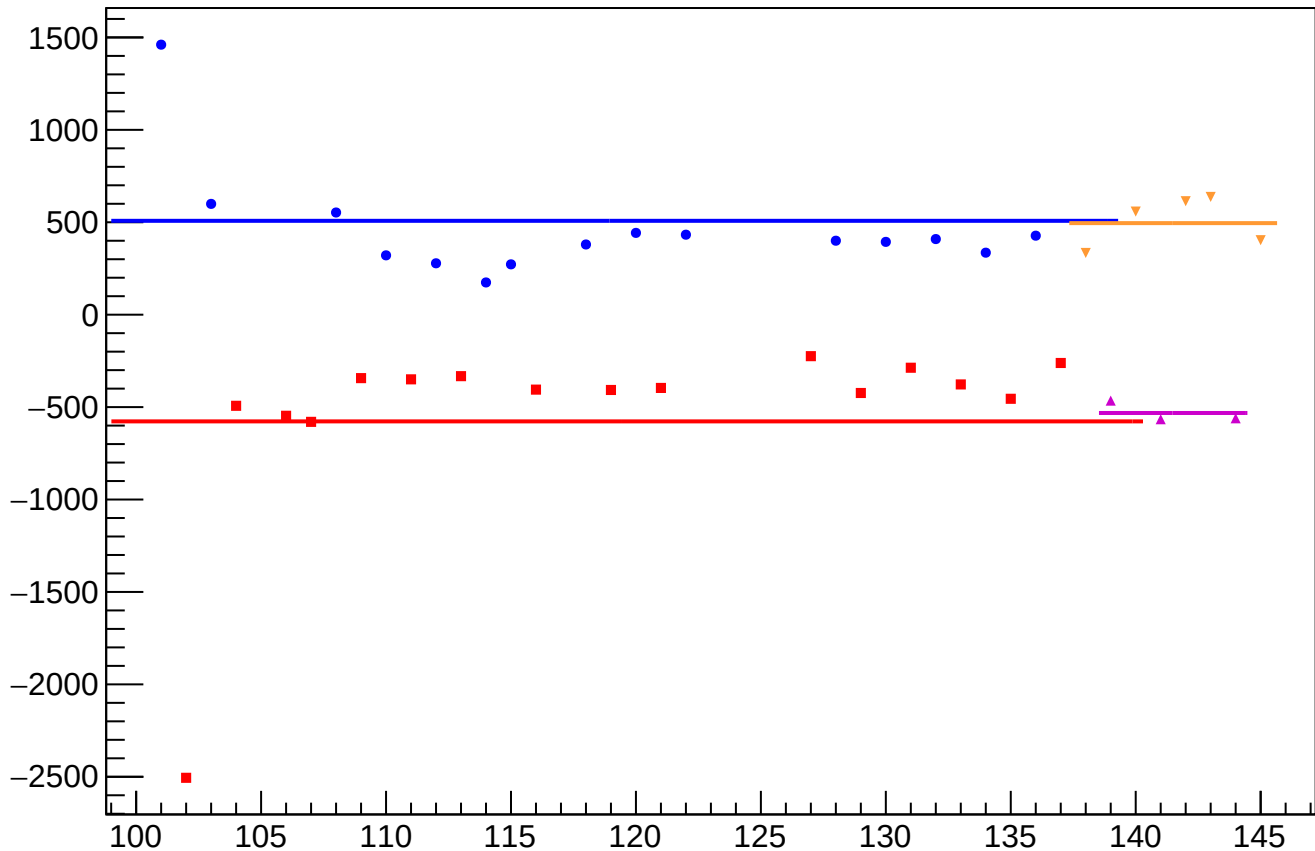
Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14

Left Out: 15.056+/-0.000 χ^2/NDF : 123855297132974077741130487961613238272.0/4

Right Out: 1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15

Left In: 119.249+/-0.000 χ^2/NDF : 126237132955136676975678296314993442816.0/2

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



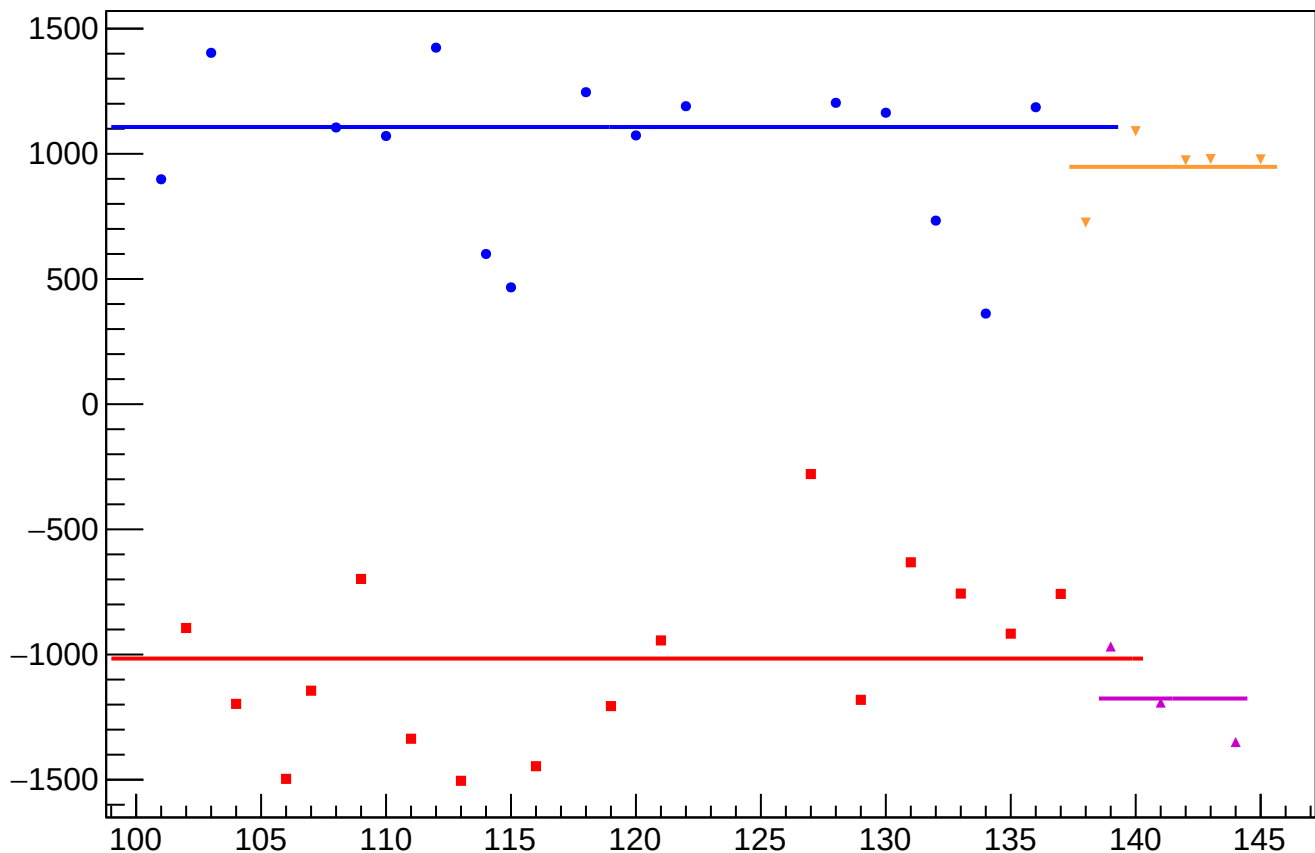
Right In: 507.809 $\pm$ 0.000 χ^2 /NDF: 64139927968444054596859613468220719104.0/14

Left Out: 495.353 $\pm$ 0.000 χ^2 /NDF: 5034002013437269024096514070961717248.0/4

Right Out: -577.250 $\pm$ 0.000 χ^2 /NDF: 241288780642623391683958641535574081536.0/15

Left In: -531.794 $\pm$ 0.000 χ^2 /NDF: 532755892311196746098491442927239168.0/2

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



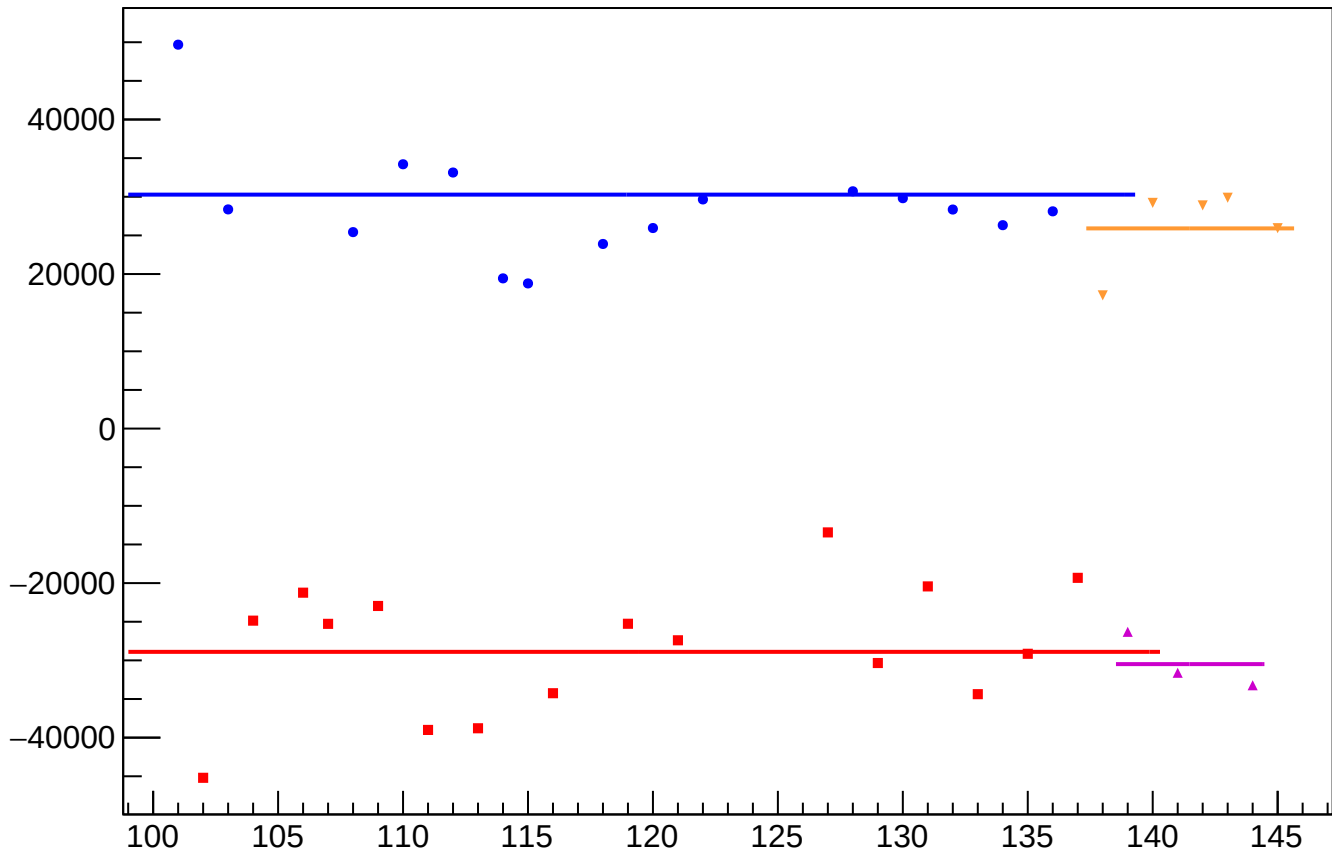
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

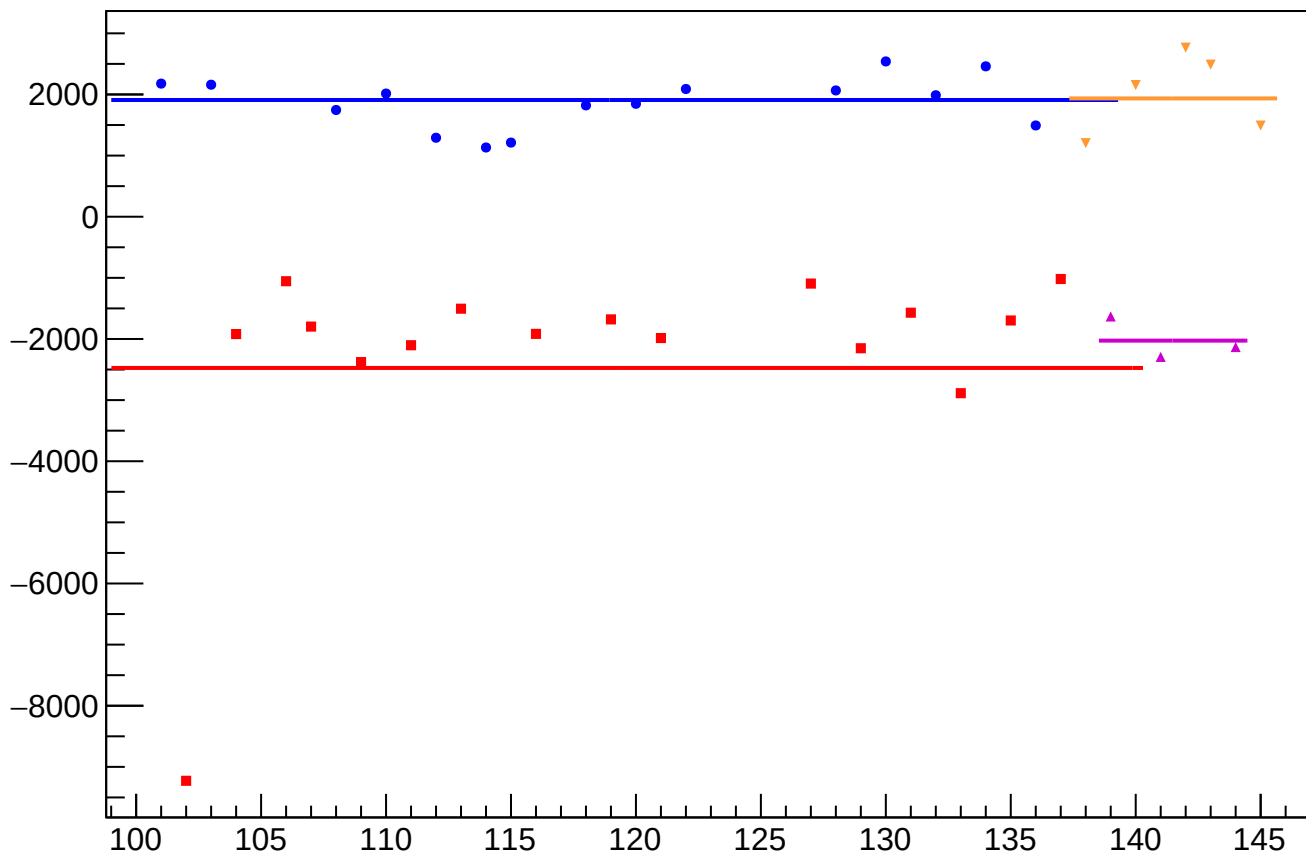
Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 30277.649 $\pm$ 0.000 χ^2/NDF : 30975974641524142453090022540760519278592.0/14
 Left Out: 25906.582 $\pm$ 0.000 χ^2/NDF : 8215157223160401760205357272886386098176.0/4
 Right Out: -28896.318 $\pm$ 0.000 χ^2/NDF : 46969504058010359146250560228409714147328.0/15
 Left In: -30483.917 $\pm$ 0.000 χ^2/NDF : 2188945120645167538704942243176473690112.0/2

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



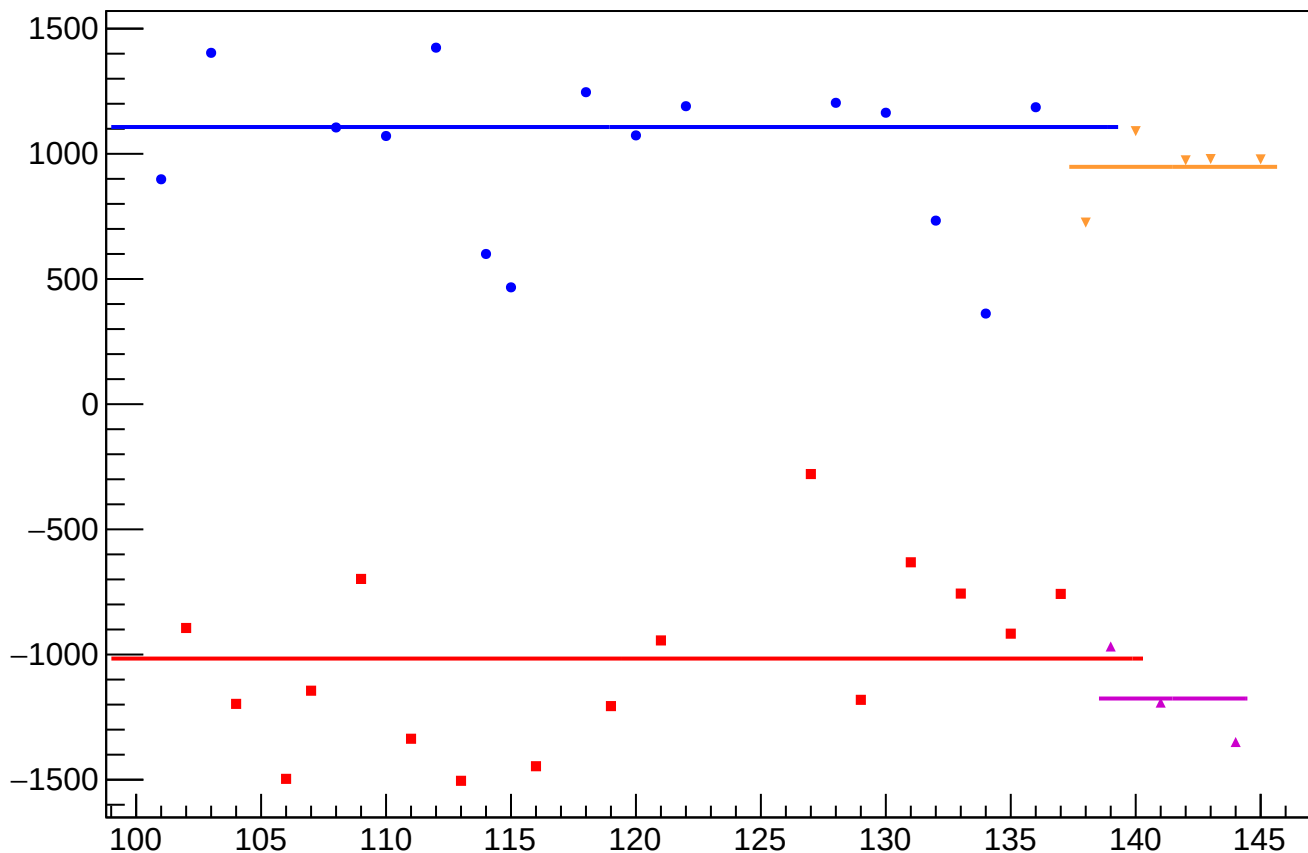
Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14

Left Out: 1935.270+/-0.000 χ^2/NDF : 113868750773205163256875788404407664640.0/4

Right Out: -2473.977+/-0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15

Left In: -2026.815+/-0.000 χ^2/NDF : 19665457135449570160015997798491095040.0/2

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



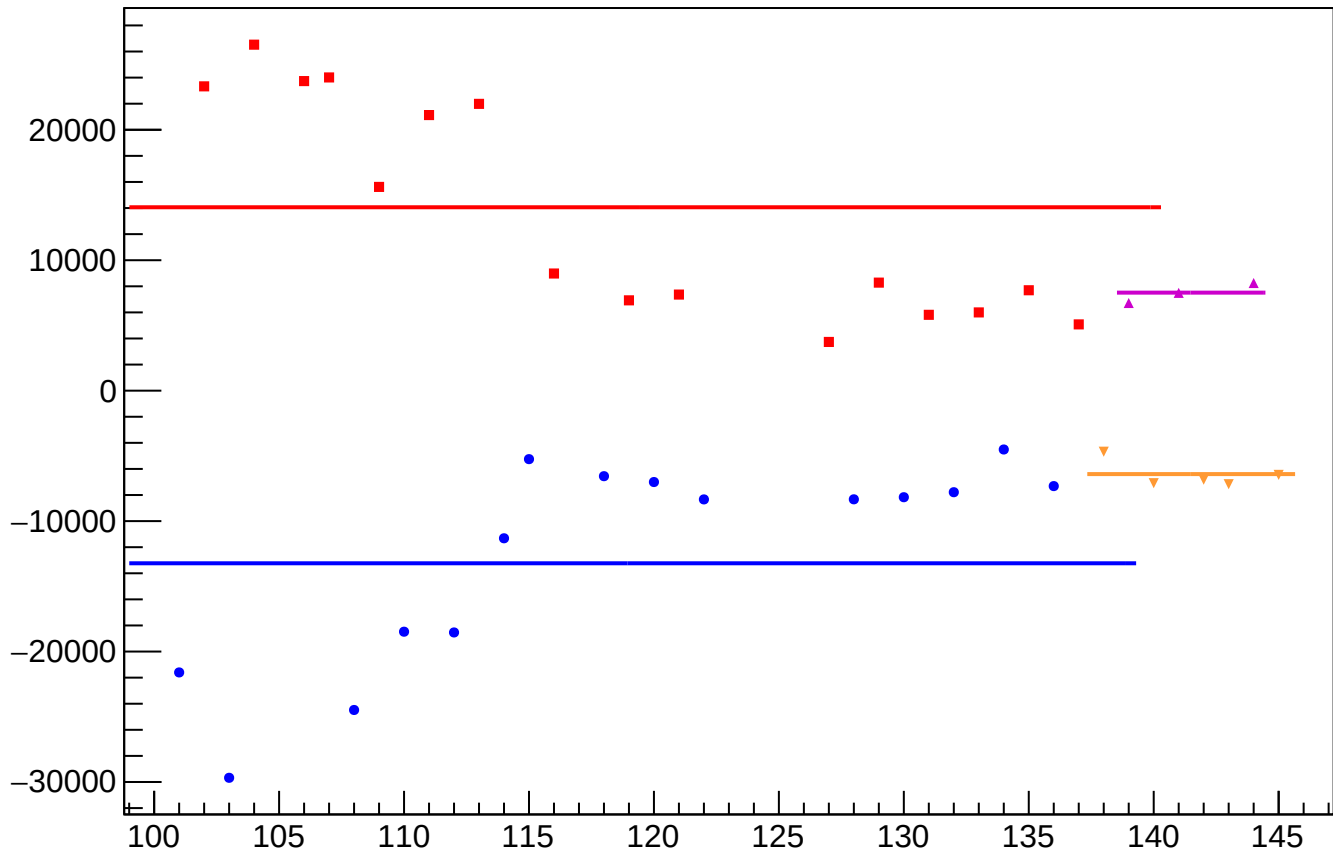
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

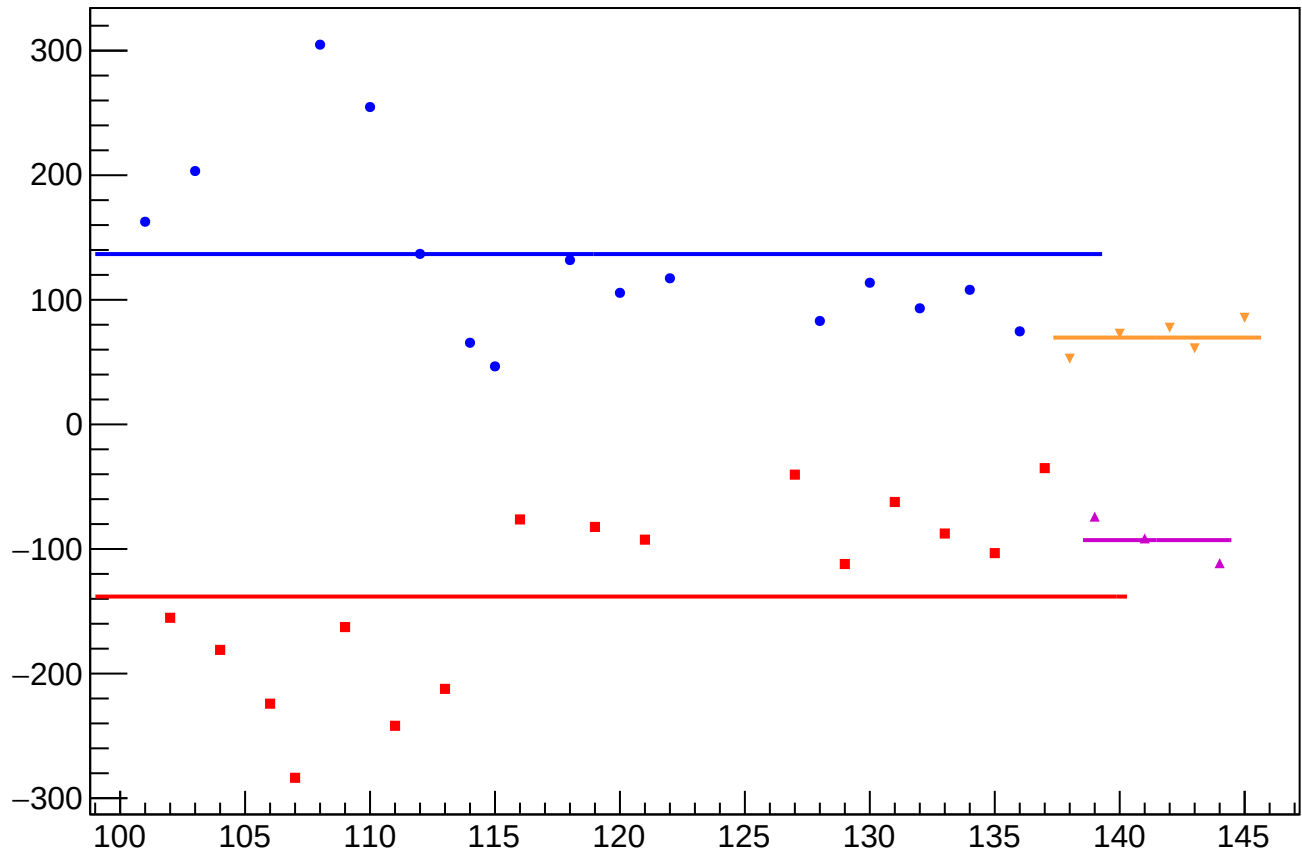
Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -6395.613+/-0.000 χ^2/NDF : 318600793757377825021087559180896698368.0/4
 Right Out: 14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: 7515.300+/-0.000 χ^2/NDF : 99516566911366019498559384347062829056.0/2

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



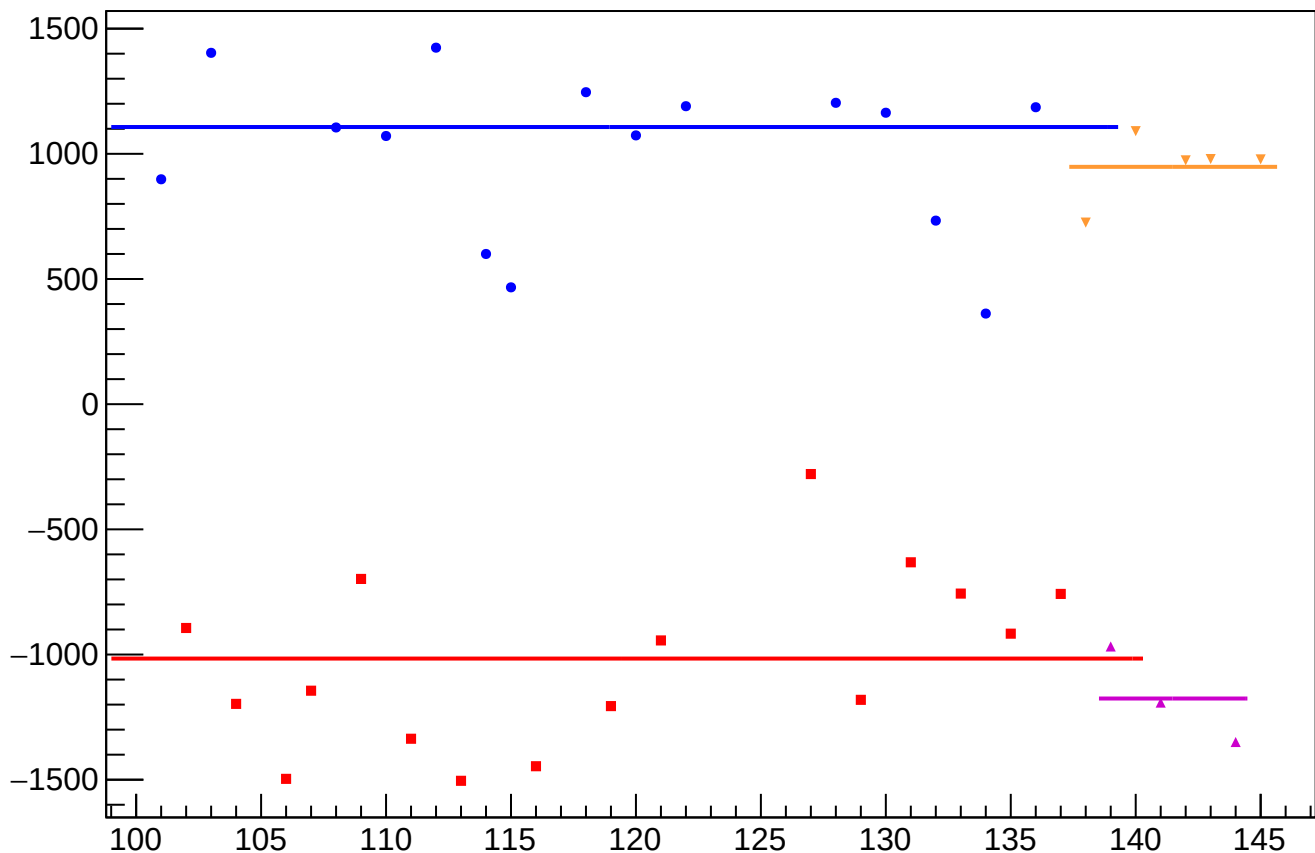
Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14

Left Out: 69.691+/-0.000 χ^2/NDF : 51432780938120447522225149007888384.0/4

Right Out: -138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15

Left In: -92.871+/-0.000 χ^2/NDF : 59446777055260507403058878615650304.0/2

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



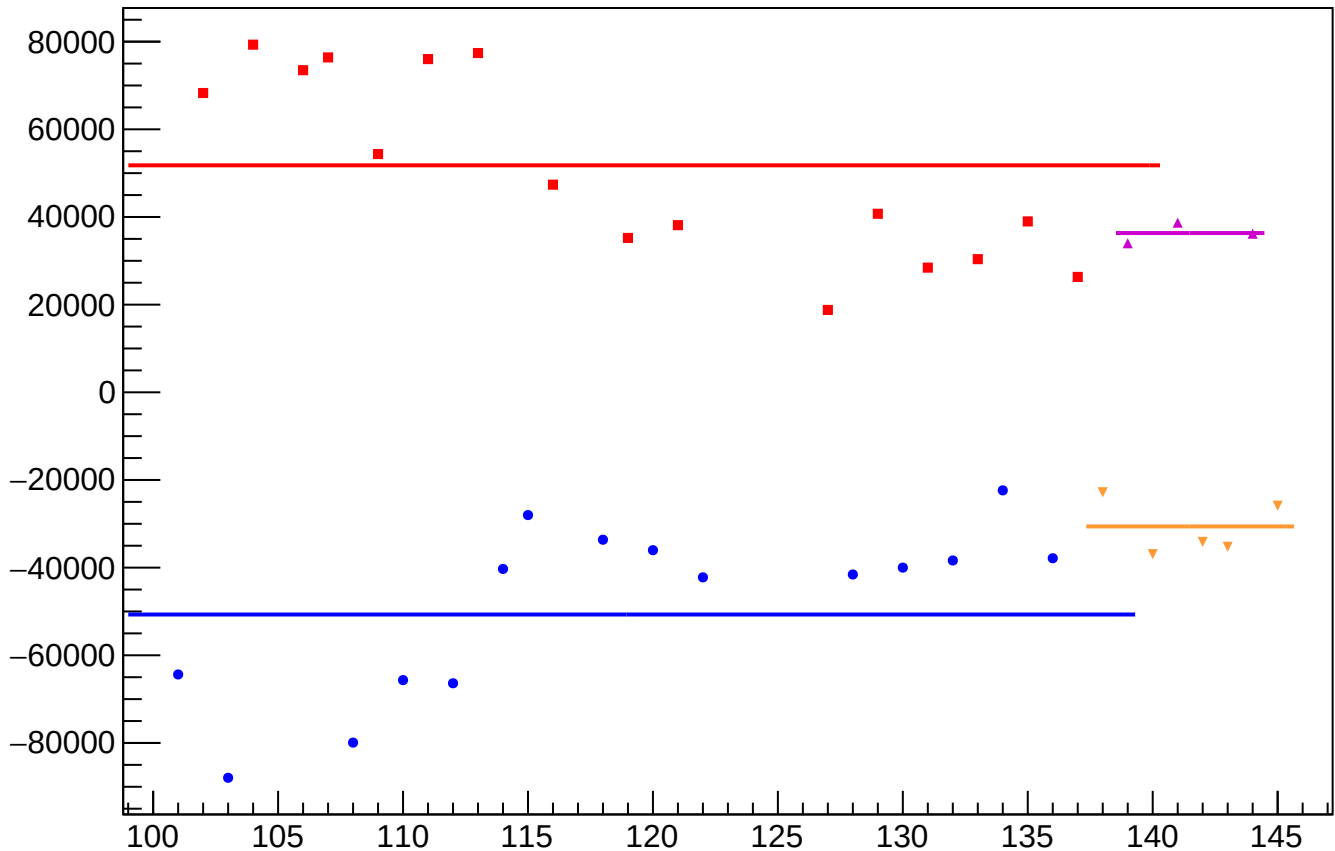
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

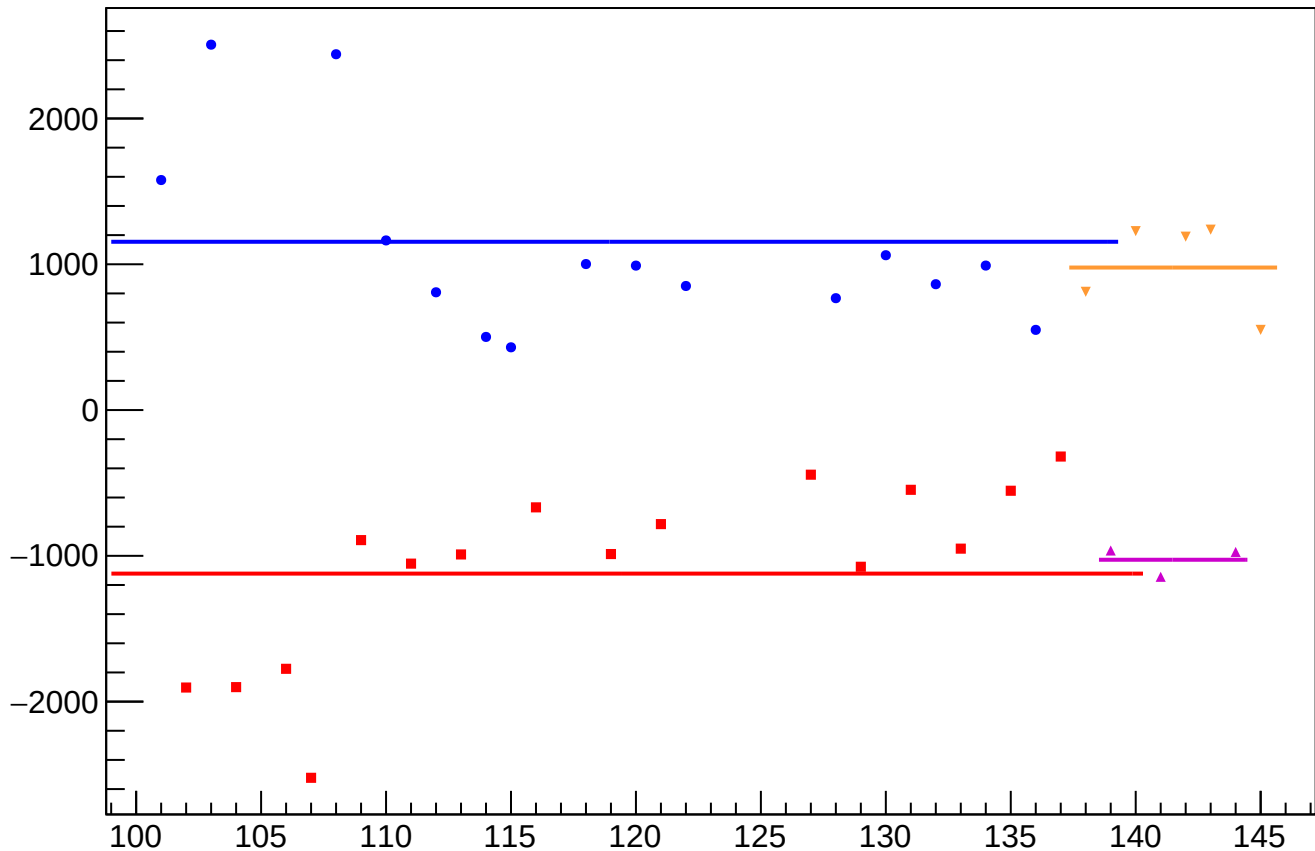
Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_sam2_coil4_mean vs Slug, Sign Corrected



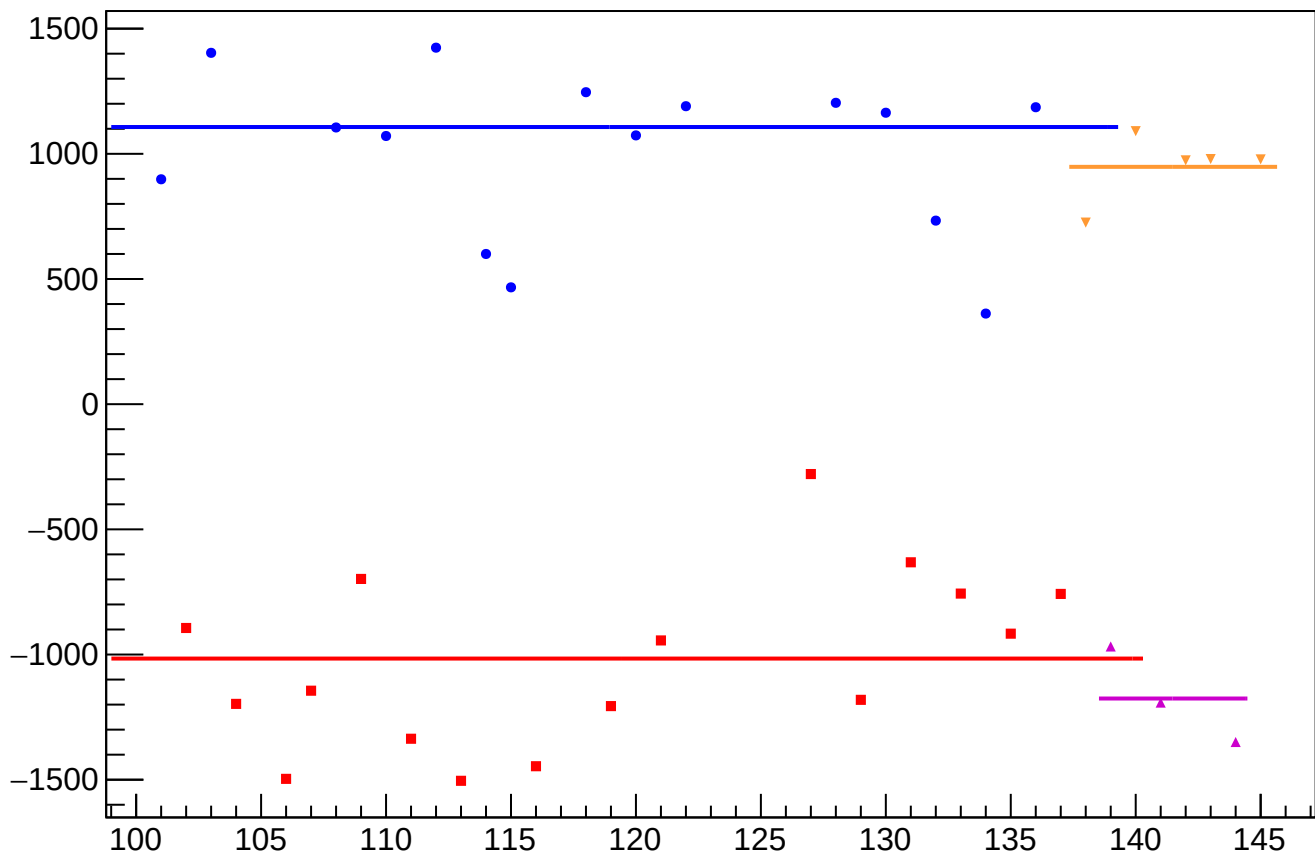
Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -30604.043+/-0.000 χ^2/NDF : 11842133456165803447554337425285848236032.0/4
 Right Out: 51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: 36333.615+/-0.000 χ^2/NDF : 915103839794556259754935447715756113920.0/2

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 1154.331 $\pm$ 0.000 χ^2 /NDF: 249270472563470703232737910394663731200.0/14
 Left Out: 977.567 $\pm$ 0.000 χ^2 /NDF: 28668127889555518502436716783687696384.0/4
 Right Out: -1121.934 $\pm$ 0.000 χ^2 /NDF: 226159335639567338179811644002797617152.0/15
 Left In: -1026.921 $\pm$ 0.000 χ^2 /NDF: 1743471741926551701030867976442609664.0/2

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



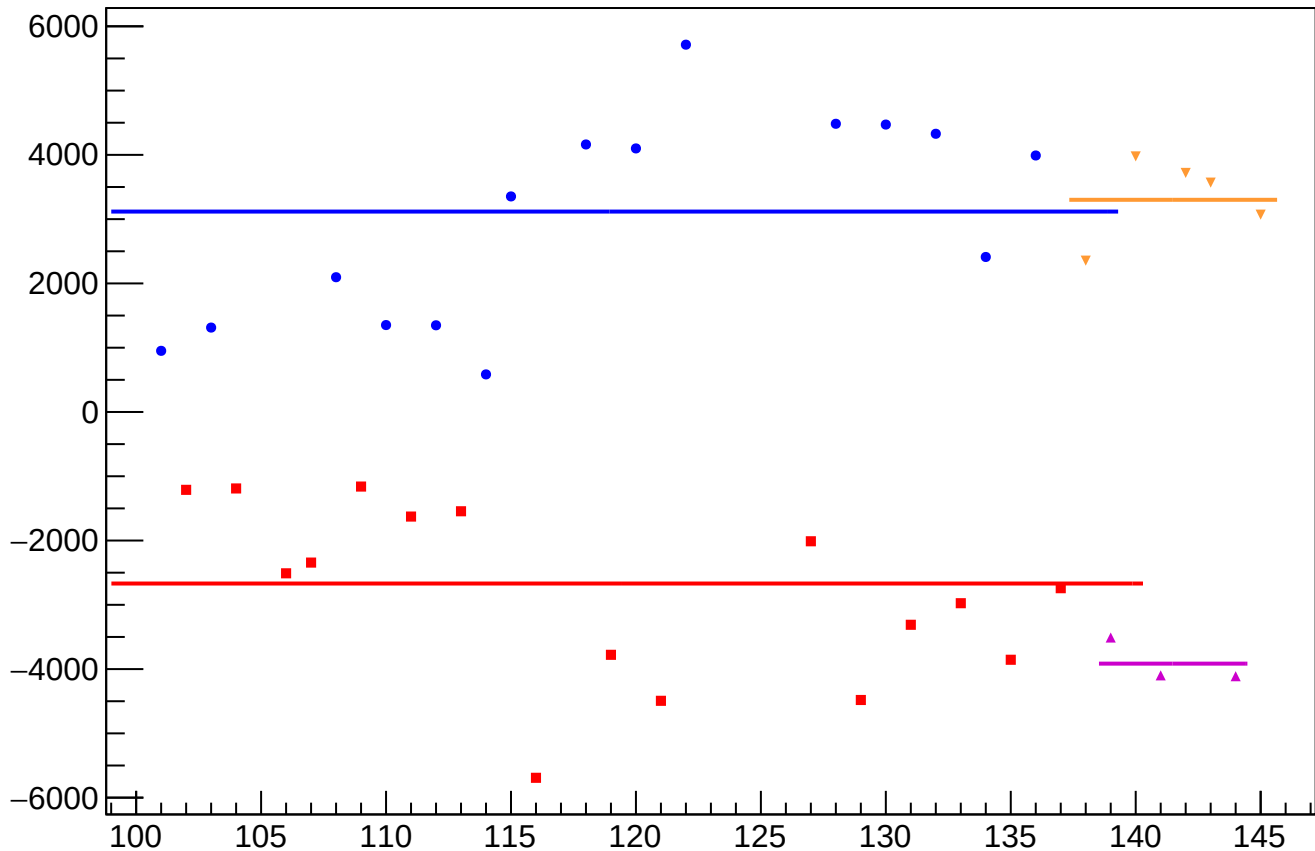
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

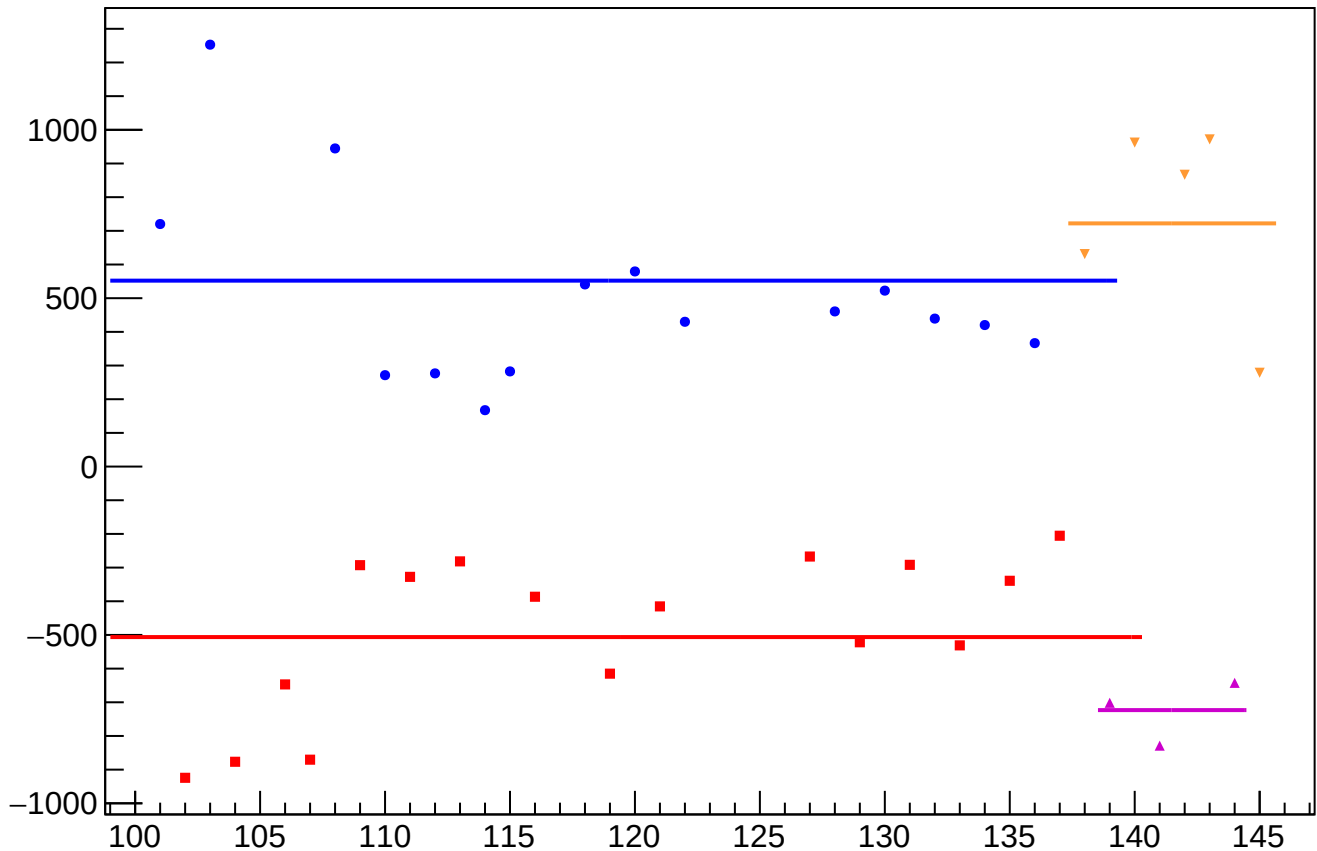
Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 3117.914 $\pm$ 0.000 χ^2/NDF : 1552738593335565674554918493159210090496.0/14
 Left Out: 3300.835 $\pm$ 0.000 χ^2/NDF : 124439088914848240838972891197509468160.0/4
 Right Out: -2668.794 $\pm$ 0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: -3915.131 $\pm$ 0.000 χ^2/NDF : 19603991470121752326660719953689182208.0/2

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



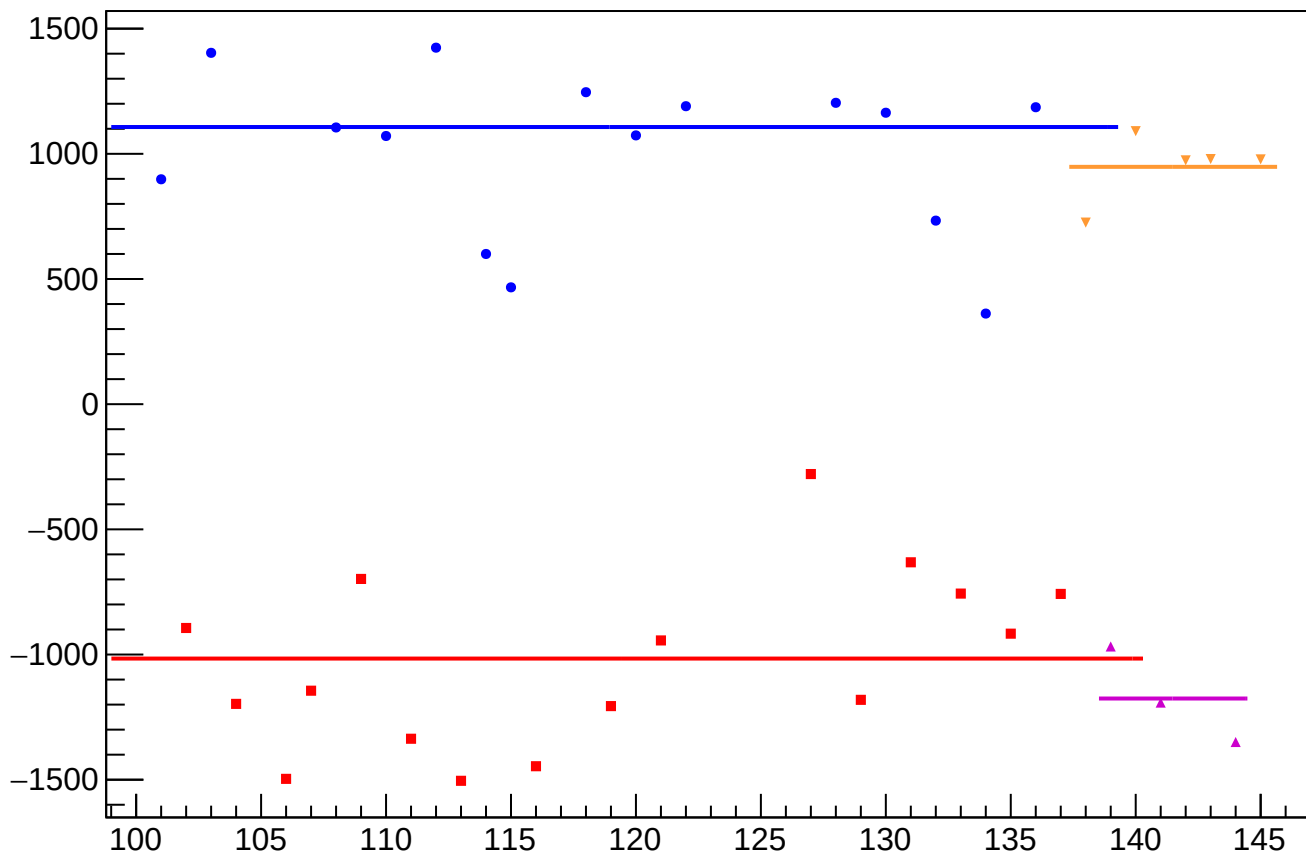
Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 722.148+/-0.000 χ^2/NDF : 26432275745610673767030940204303122432.0/4

Right Out: -506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

Left In: -723.212+/-0.000 χ^2/NDF : 1568761745240607336455709546759847936.0/2

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



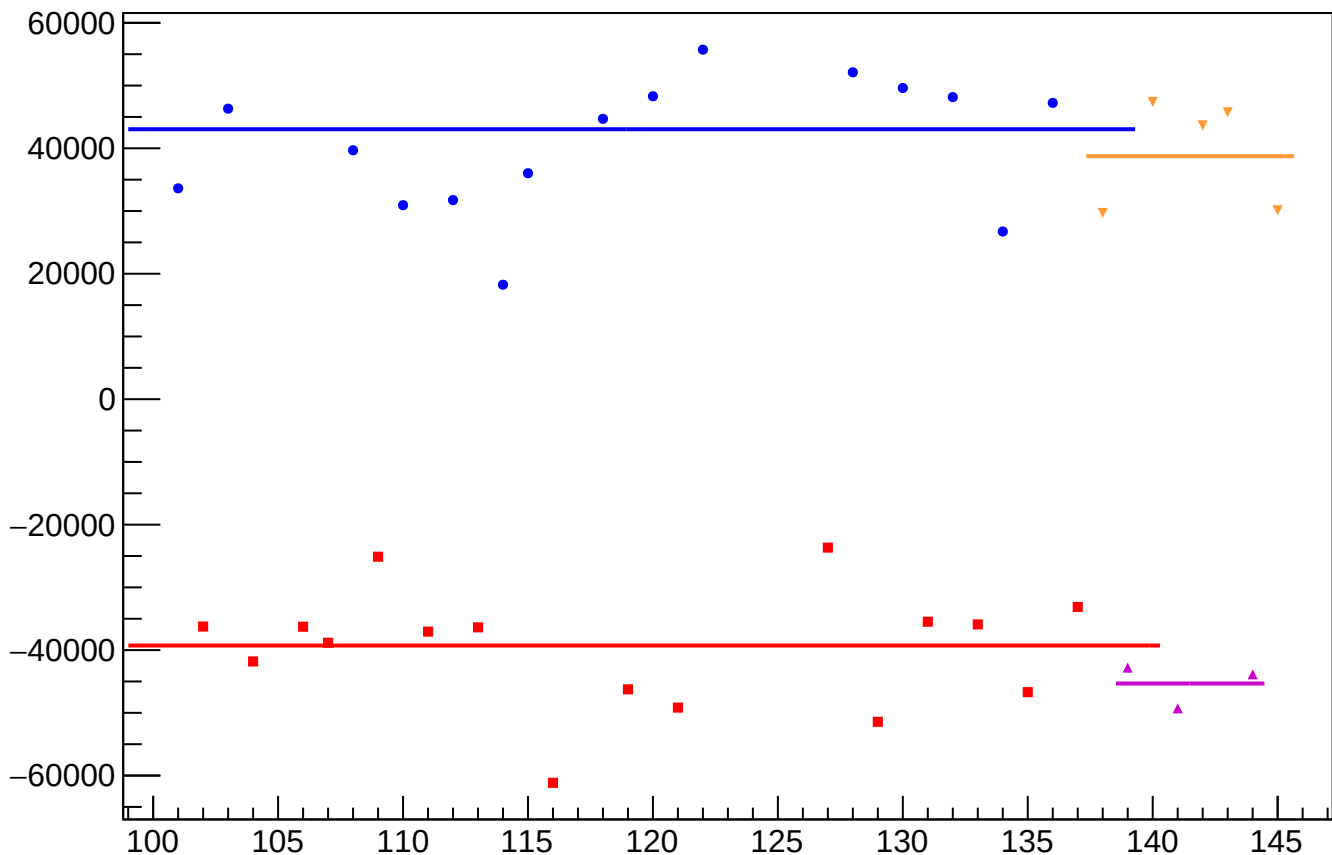
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

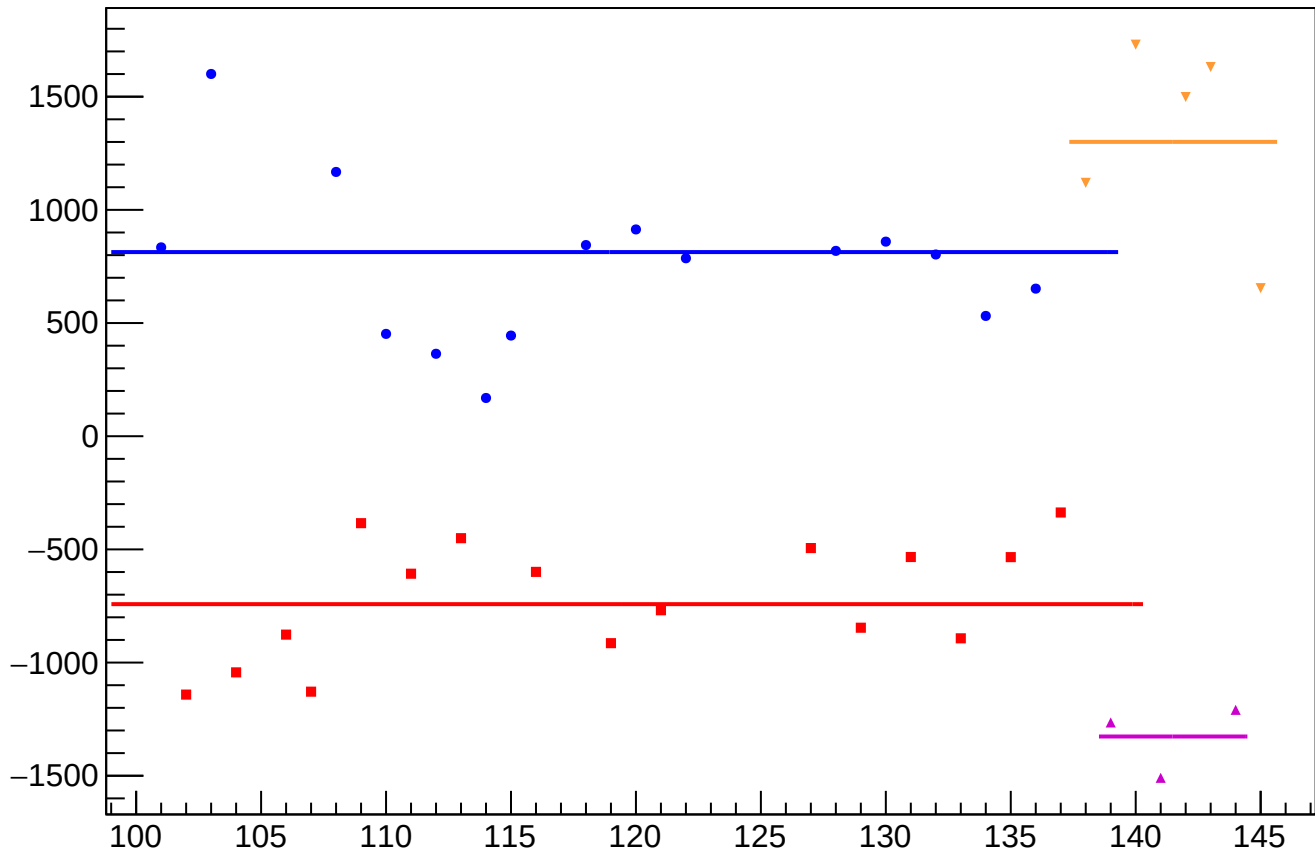
Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 43039.927+/-0.000 χ^2/NDF : 48397052922561722652666786407552179503104.0/14
 Left Out: 38737.652+/-0.000 χ^2/NDF : 22948875319550967474942307165918491312128.0/4
 Right Out: -39269.627+/-0.000 χ^2/NDF : 51873036517757666237545716605051585167360.0/15
 Left In: -45322.621+/-0.000 χ^2/NDF : 2045646089524790626379327531005532700672.0/2

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



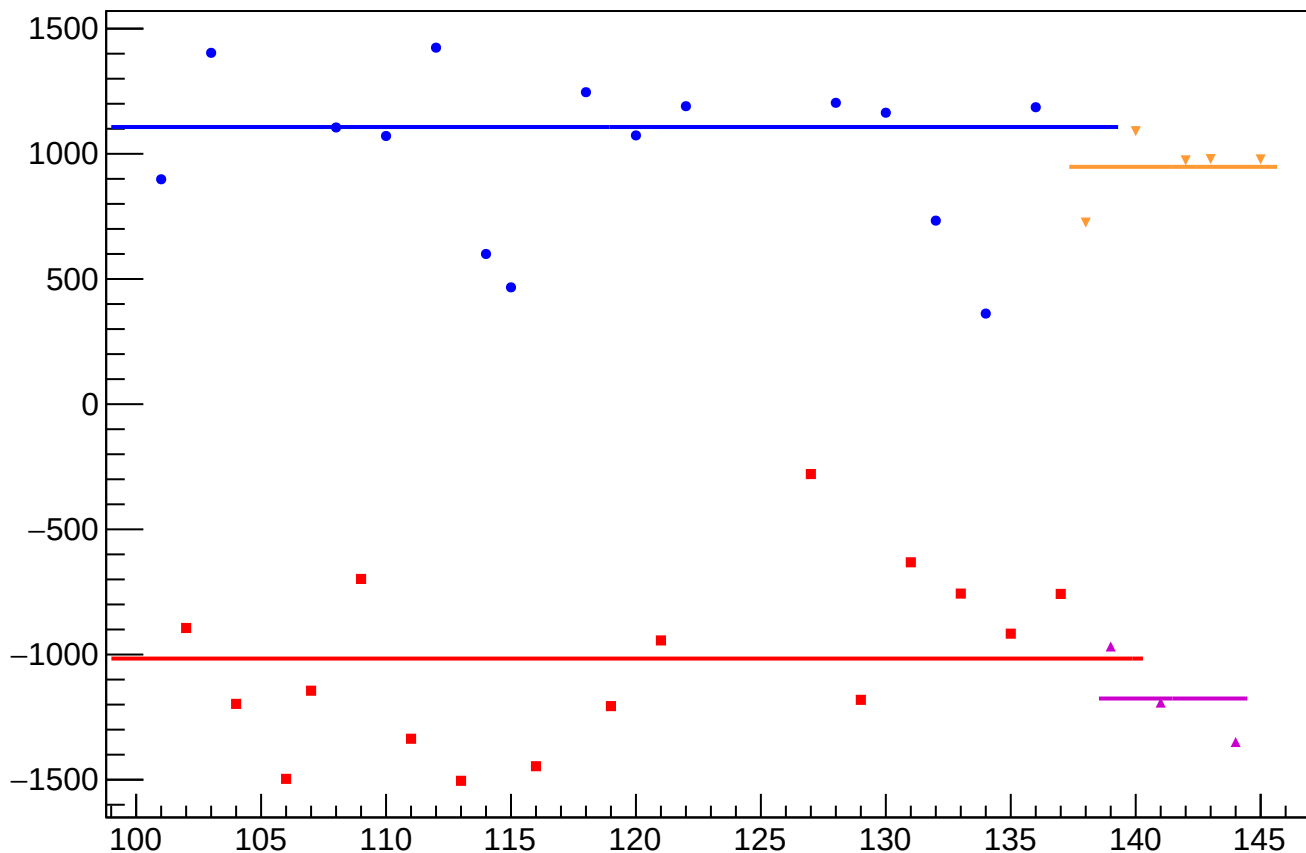
Right In: 813.500 +/- 0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14

Left Out: 1300.408 +/- 0.000 χ^2/NDF : 60635293282145569667956734296441487360.0/4

Right Out: -741.911 +/- 0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15

Left In: -1326.578 +/- 0.000 χ^2/NDF : 4377413943425353146203567931107835904.0/2

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



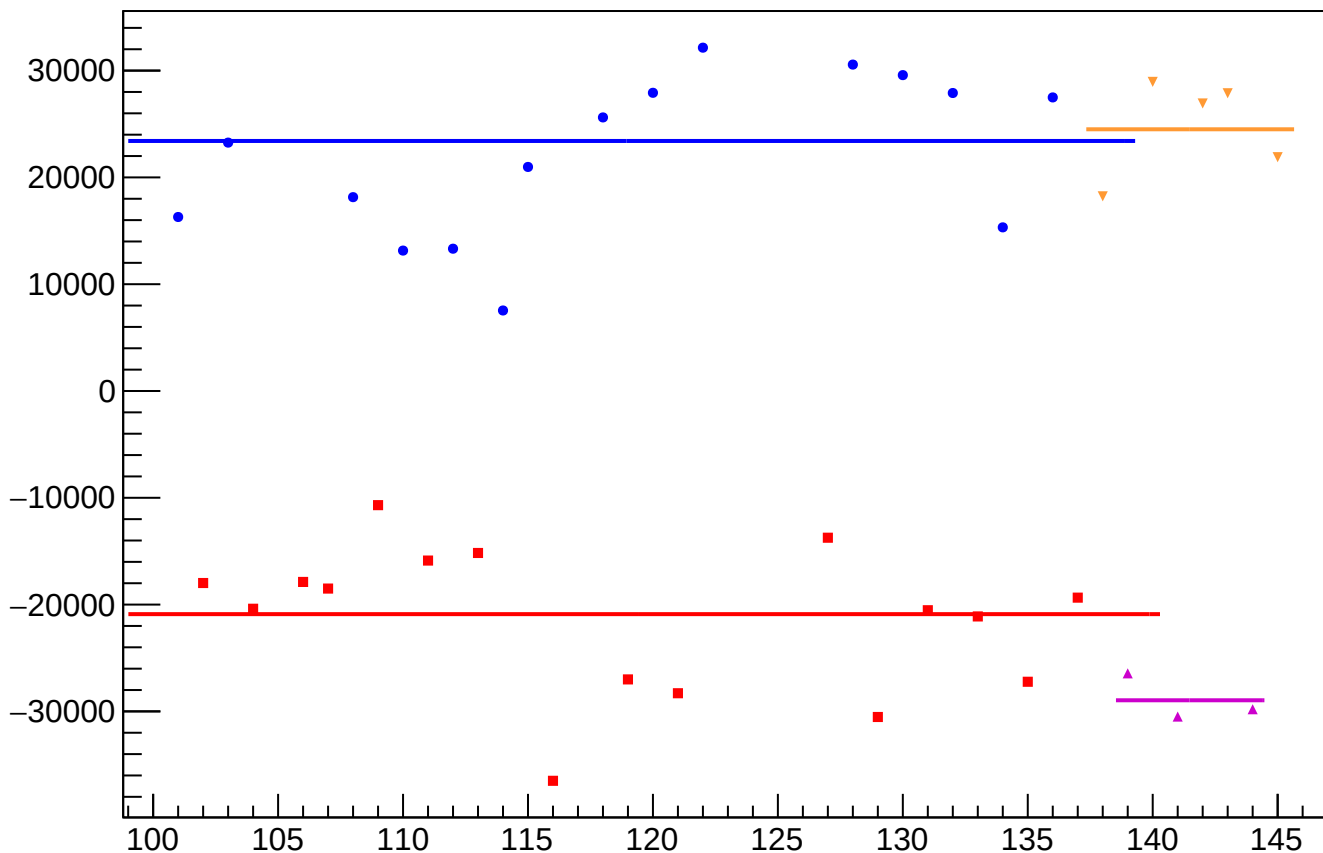
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

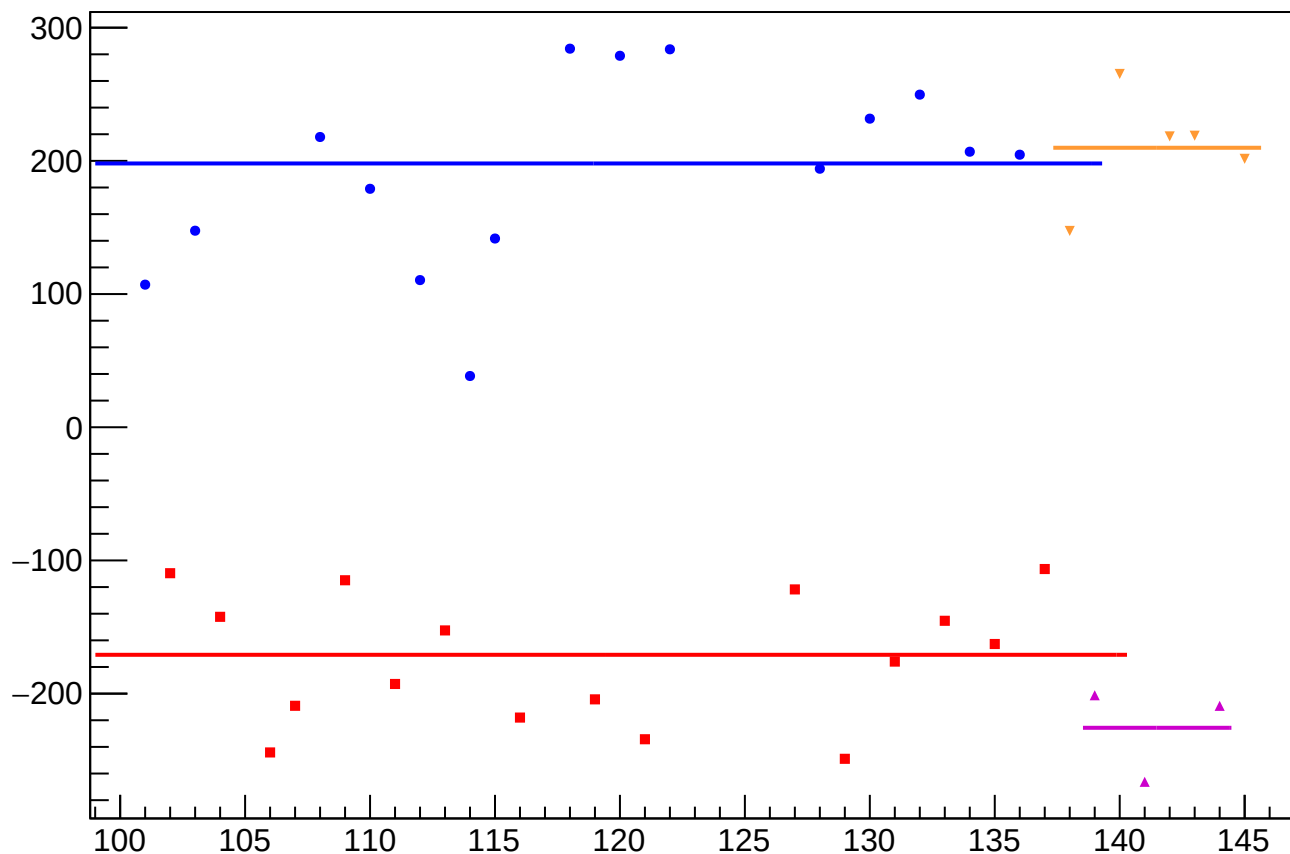
Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 23411.506 +/- 0.000 χ^2/NDF : 28427457471780319352885746571315708428288.0/14
 Left Out: 24505.010 +/- 0.000 χ^2/NDF : 6274051881828147437007376825292169412608.0/4
 Right Out: -20894.122 +/- 0.000 χ^2/NDF : 27408965804578649107002909409987218374656.0/15
 Left In: -28959.979 +/- 0.000 χ^2/NDF : 775518303615976997452929979010179399680.0/2

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



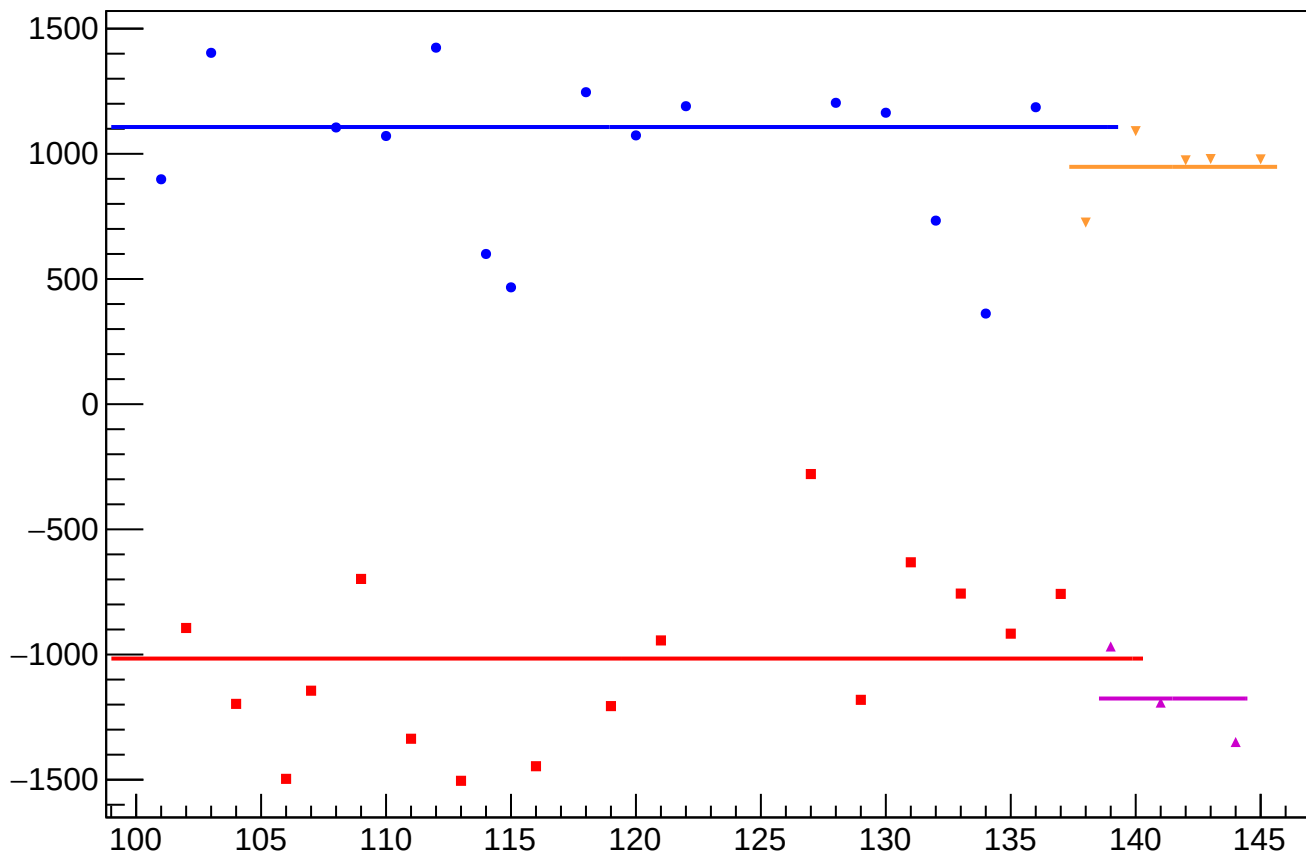
Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 209.844+/-0.000 χ^2/NDF : 570475507796697322491667392650805248.0/4

Right Out: -170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

Left In: -225.658+/-0.000 χ^2/NDF : 212283945756146486549183271744307200.0/2

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



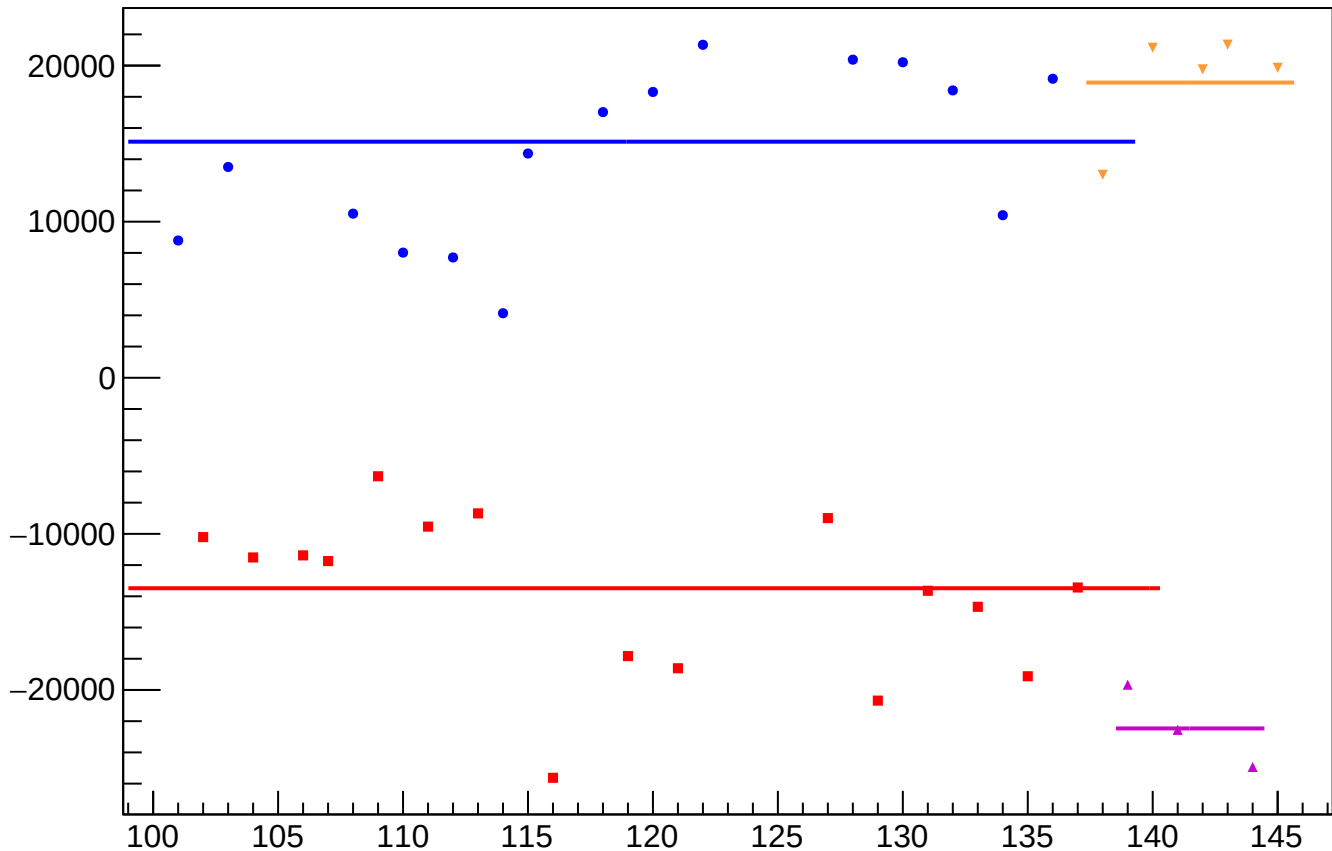
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

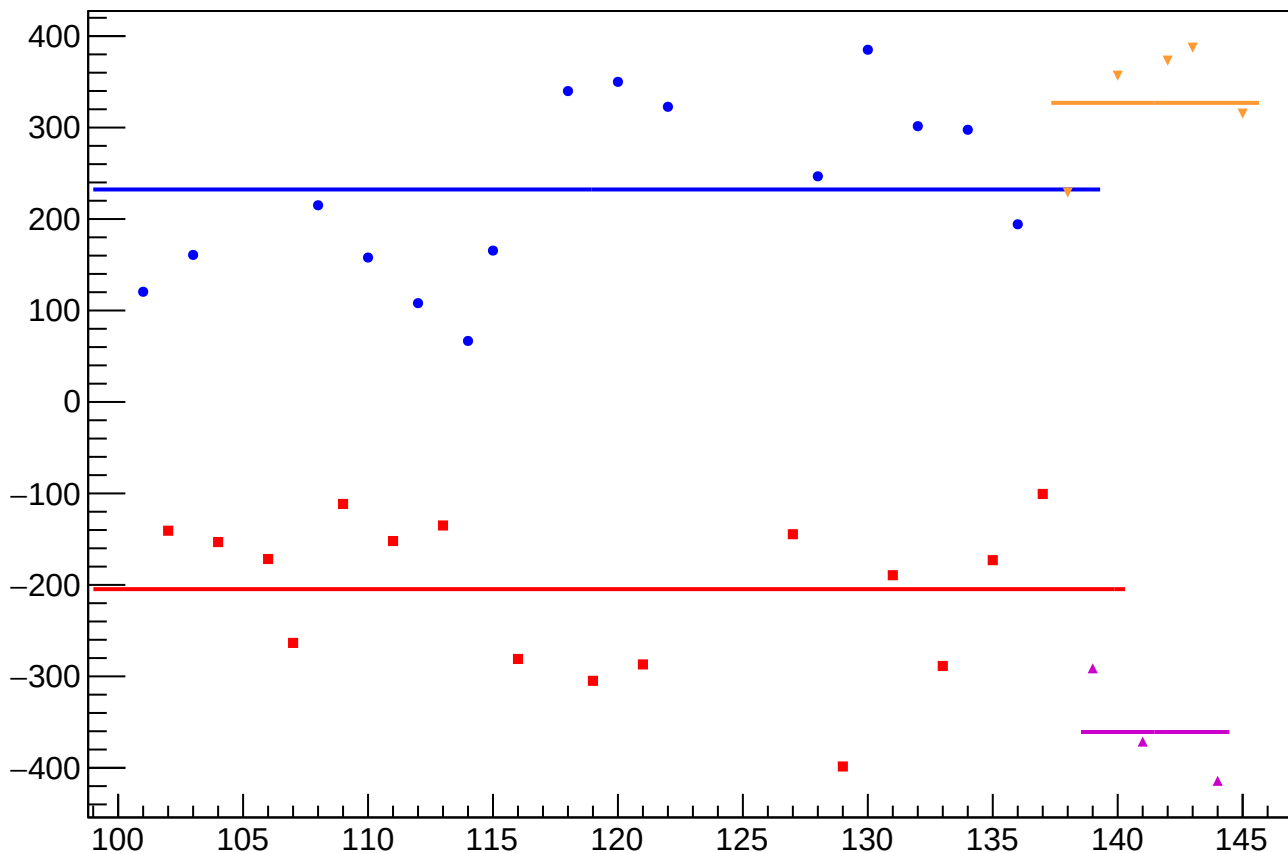
Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 15125.834 +/- 0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 18913.131 +/- 0.000 χ^2/NDF : 3627488331363340830433977228353471512576.0/4
 Right Out: -13482.244 +/- 0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 Left In: -22465.191 +/- 0.000 χ^2/NDF : 1179537749672801785730679963863553671168.0/2

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



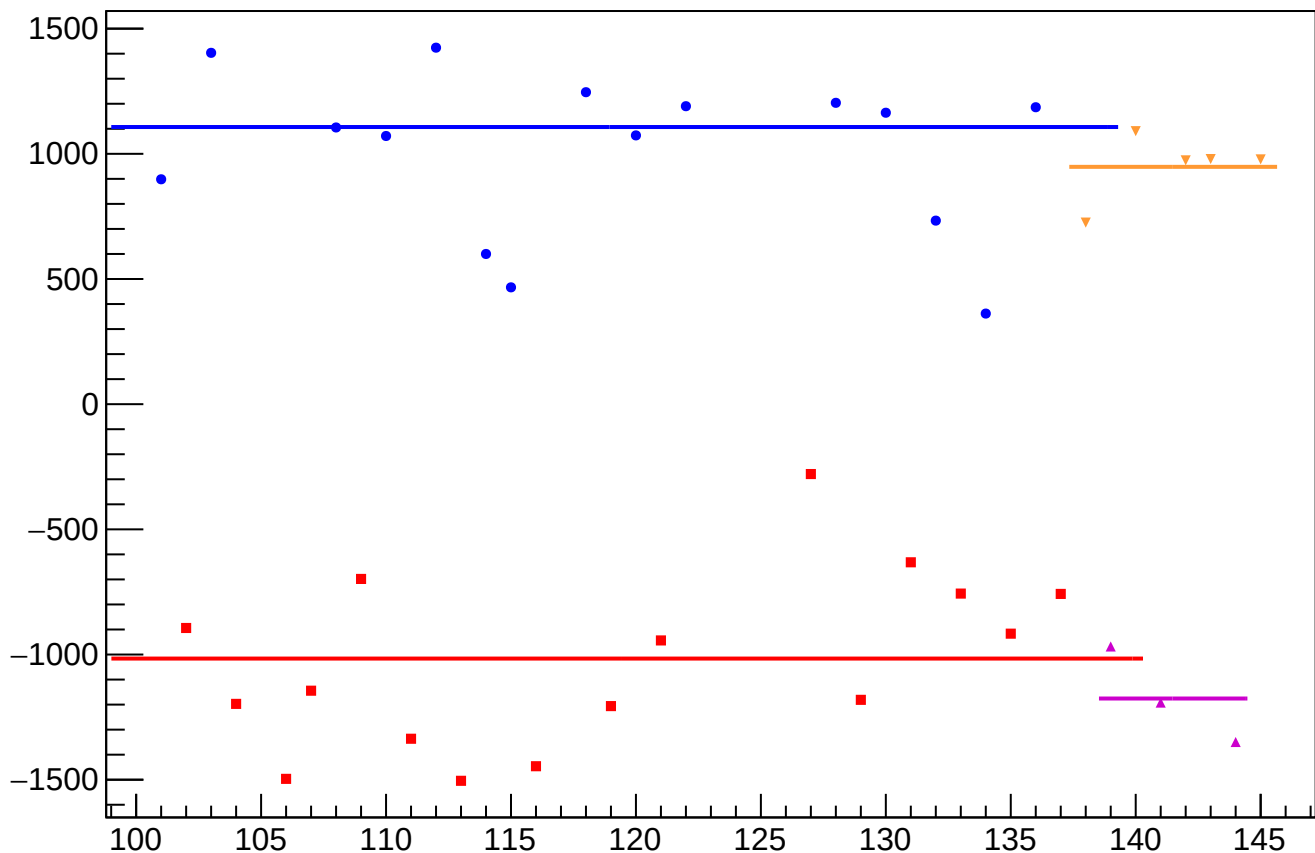
Right In: 232.312 +/- 0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14

Left Out: 327.010 +/- 0.000 χ^2/NDF : 1175636884138400895924510569755836416.0/4

Right Out: -204.637 +/- 0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15

Left In: -360.811 +/- 0.000 χ^2/NDF : 655508761362888166052838839053975552.0/2

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



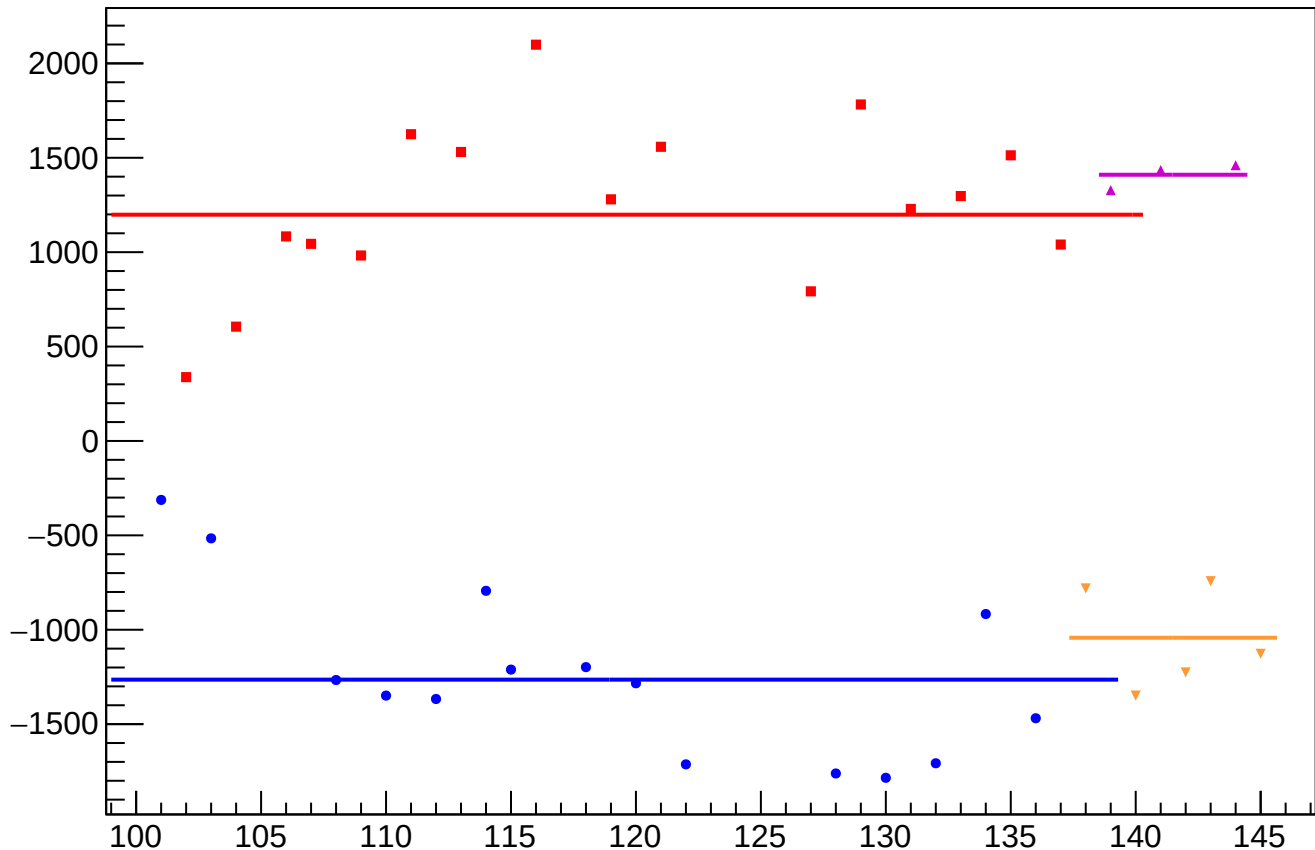
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

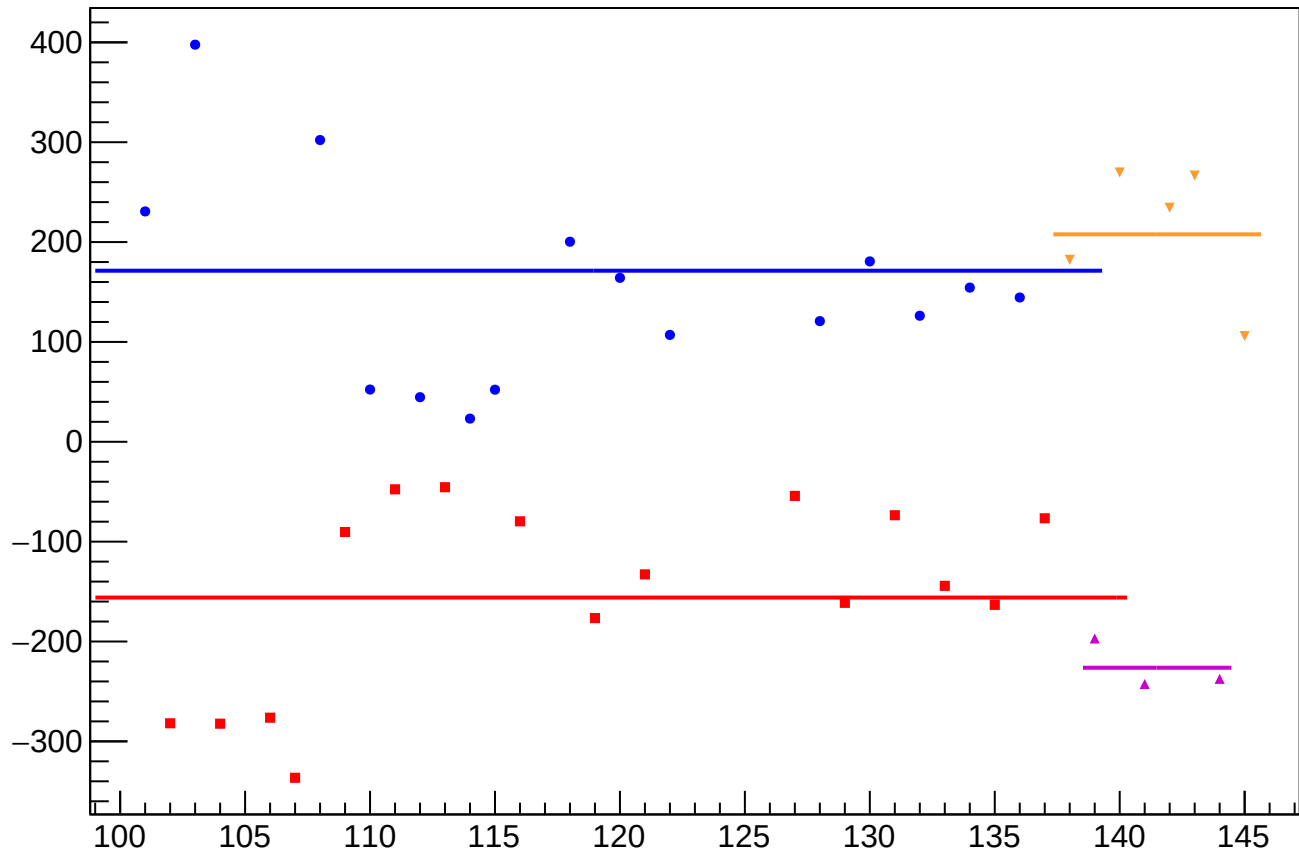
Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_sam7_coil4_mean vs Slug, Sign Corrected



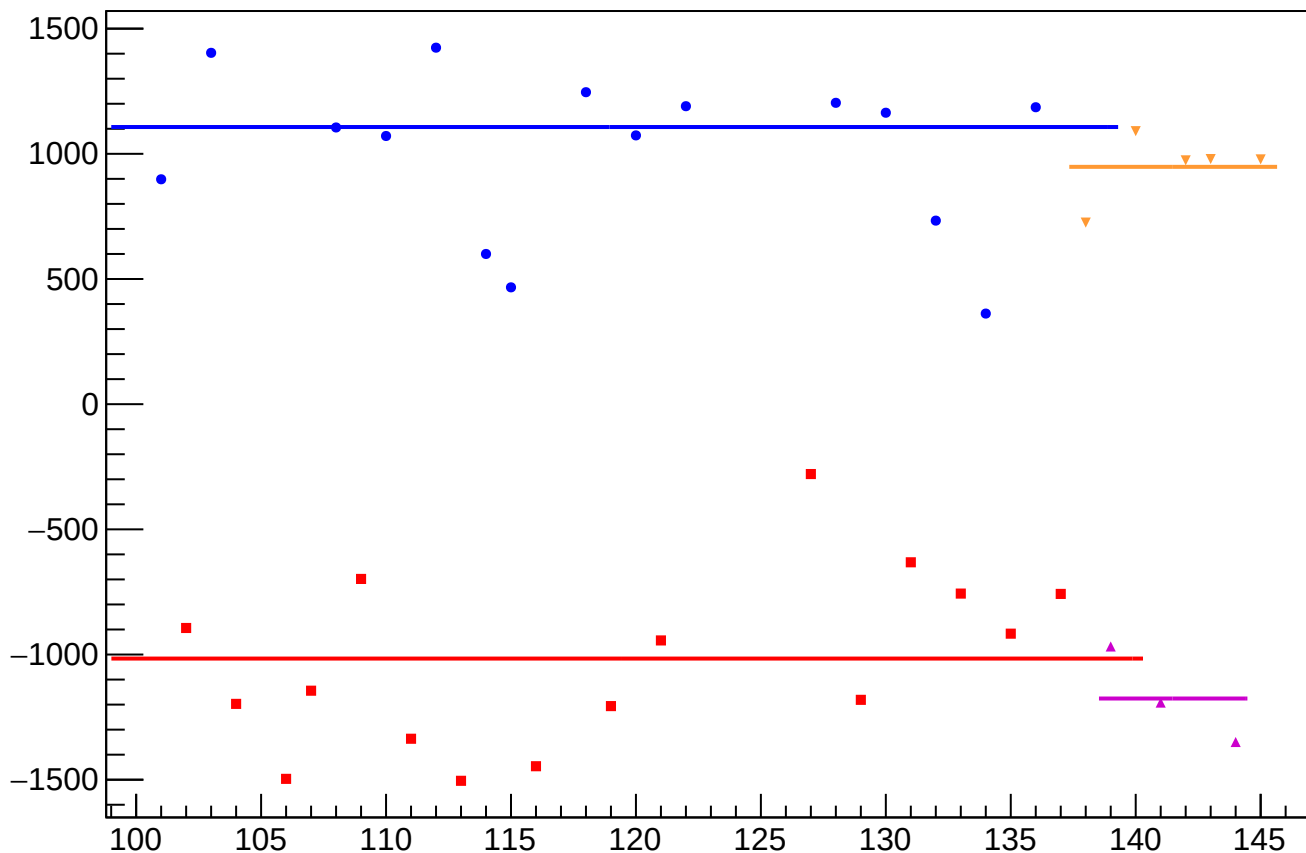
Right In: -1264.303 $\pm$ 0.000 χ^2 /NDF: 140215251538502657549173994543931981824.0/14
 Left Out: -1042.359 $\pm$ 0.000 χ^2 /NDF: 21166825098148158811278263677637099520.0/4
 Right Out: 1198.483 $\pm$ 0.000 χ^2 /NDF: 131164763898016793515492217696167133184.0/15
 Left In: 1410.066 $\pm$ 0.000 χ^2 /NDF: 815126939116369393124661291395317760.0/2

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 207.755+/-0.000 χ^2/NDF : 1471248034594716155650272018481283072.0/4
 Right Out: -155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: -226.264+/-0.000 χ^2/NDF : 102902683392272074273050647787995136.0/2

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



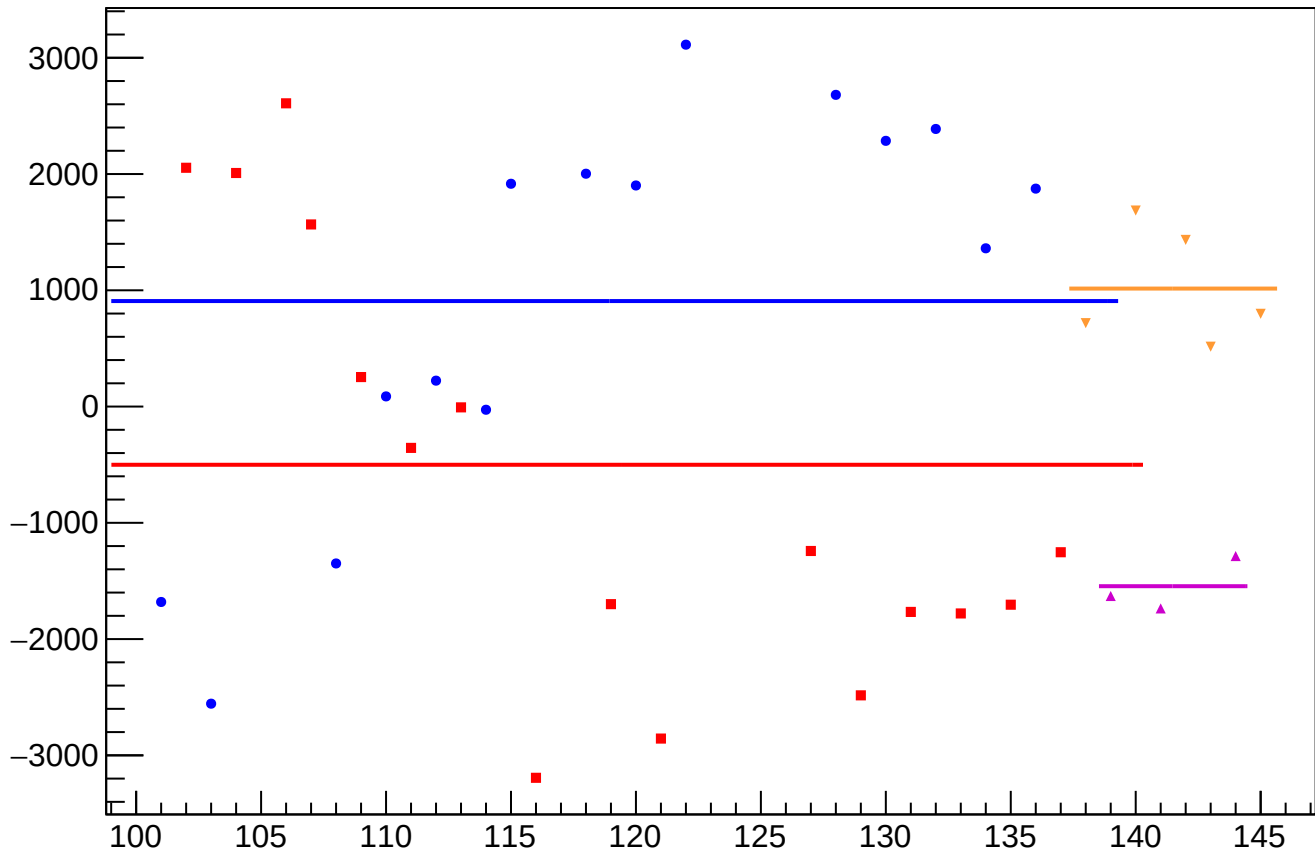
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

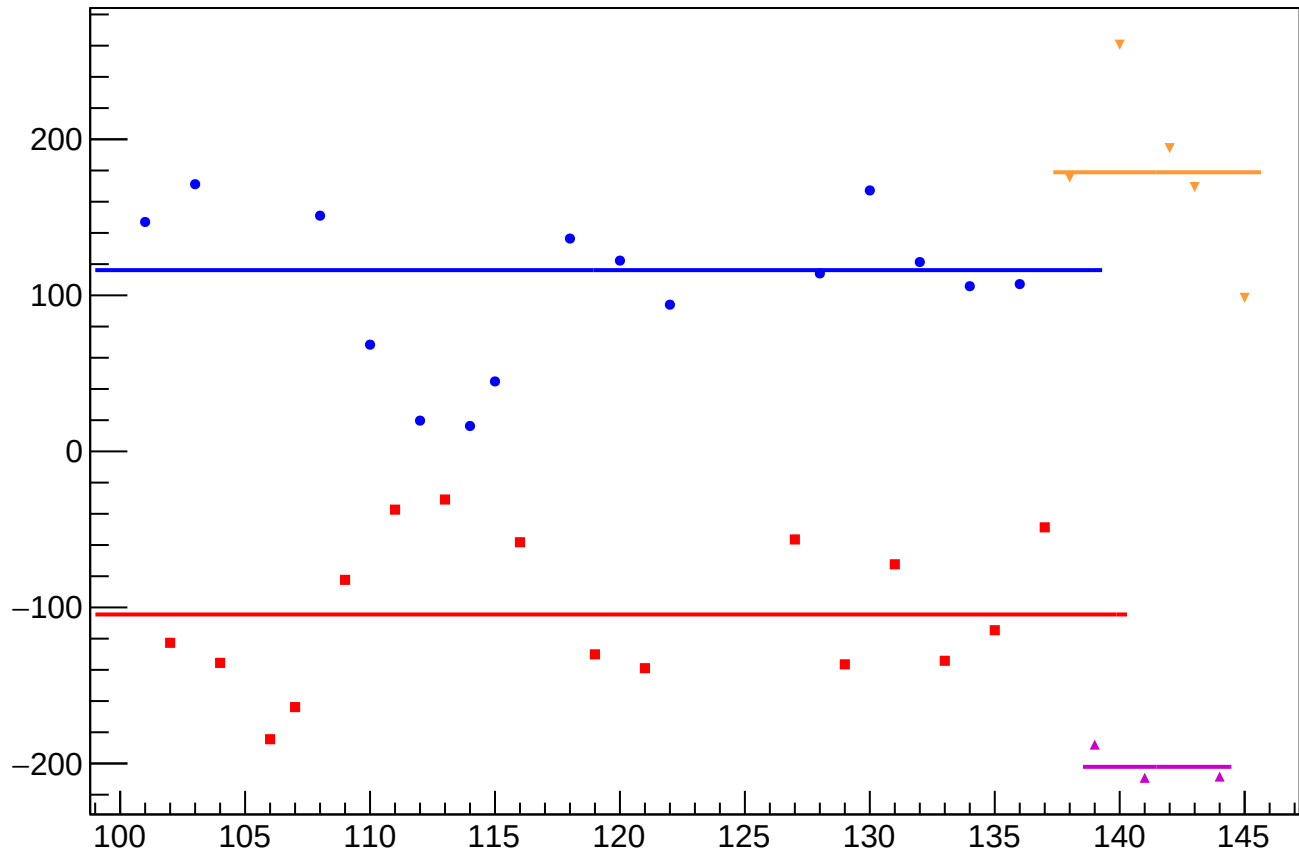
Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 907.442 +/- 0.000 χ^2/NDF : 2107238007691848638499662178406566461440.0/14
 Left Out: 1014.885 +/- 0.000 χ^2/NDF : 72458395689222971167240701201273061376.0/4
 Right Out: -500.689 +/- 0.000 χ^2/NDF : 2074232918749953174436803426379074895872.0/15
 Left In: -1545.114 +/- 0.000 χ^2/NDF : 9663760756193726149149174465069842432.0/2

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



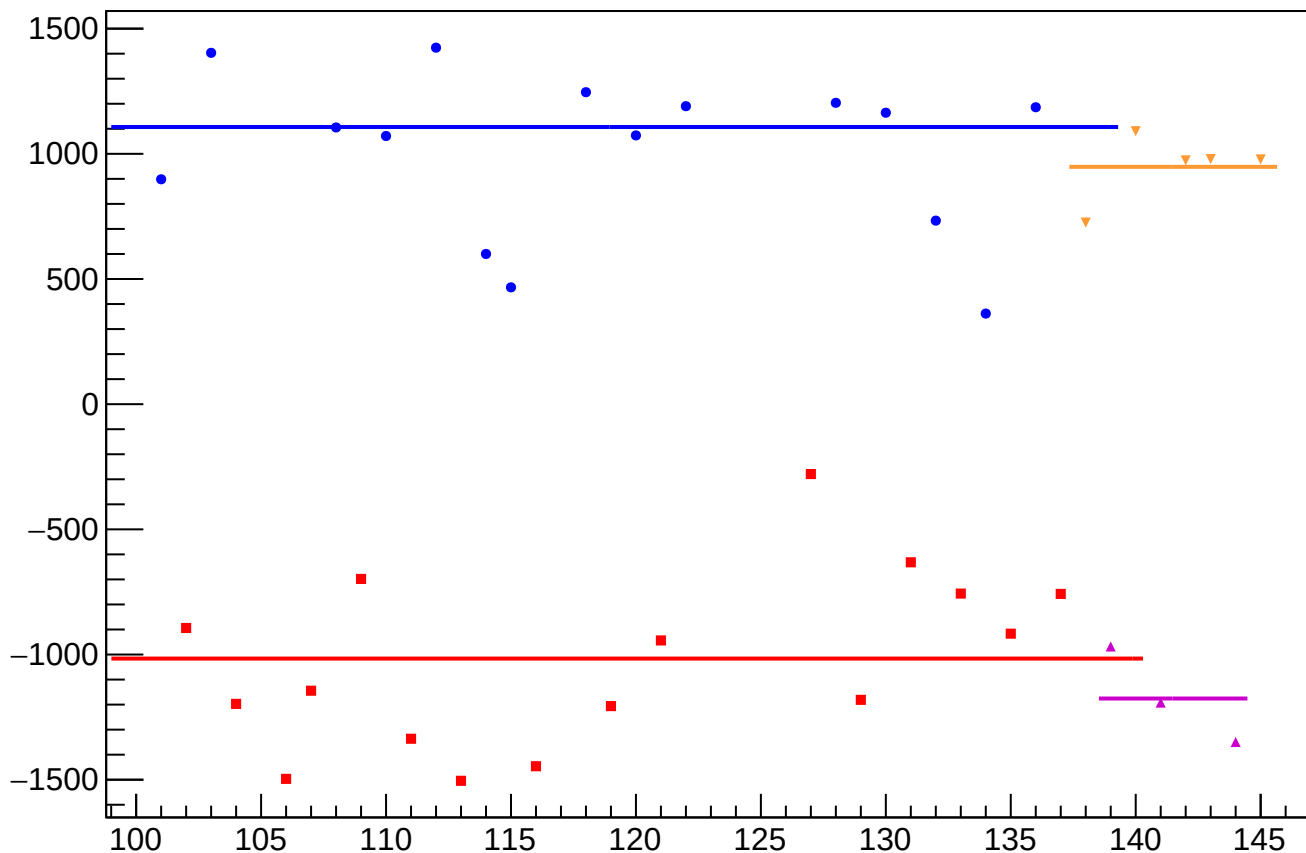
Right In: 116.159 $\pm$ 0.000 χ^2 /NDF: 1198526427485199785396504127288115200.0/14

Left Out: 178.875 $\pm$ 0.000 χ^2 /NDF: 1090445330437393402519325954428370944.0/4

Right Out: -104.501 $\pm$ 0.000 χ^2 /NDF: 1285986383644058507445602420764180480.0/15

Left In: -202.139 $\pm$ 0.000 χ^2 /NDF: 24103402423444025574920119394500608.0/2

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



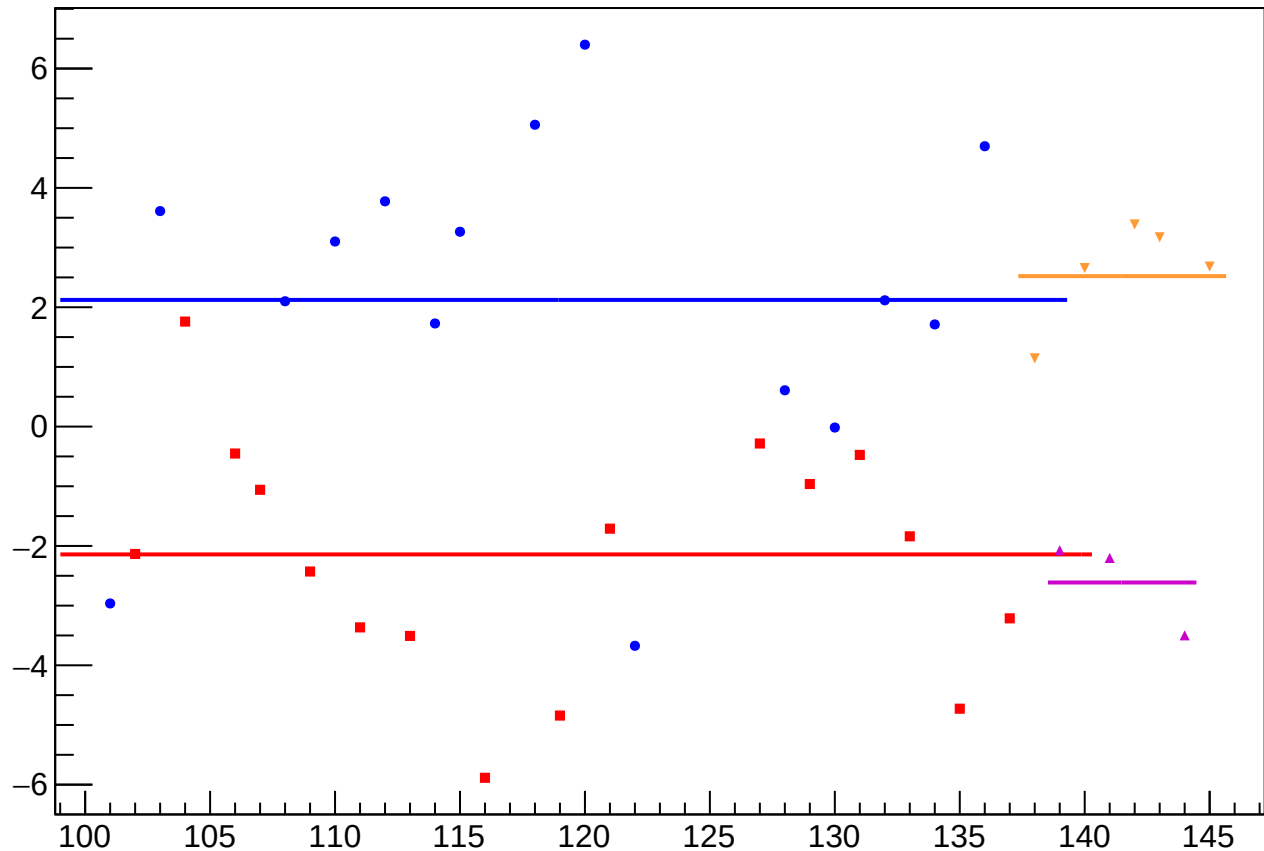
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 947.989+/-0.000 χ^2/NDF : 5700278043977863544229661637557092352.0/4

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

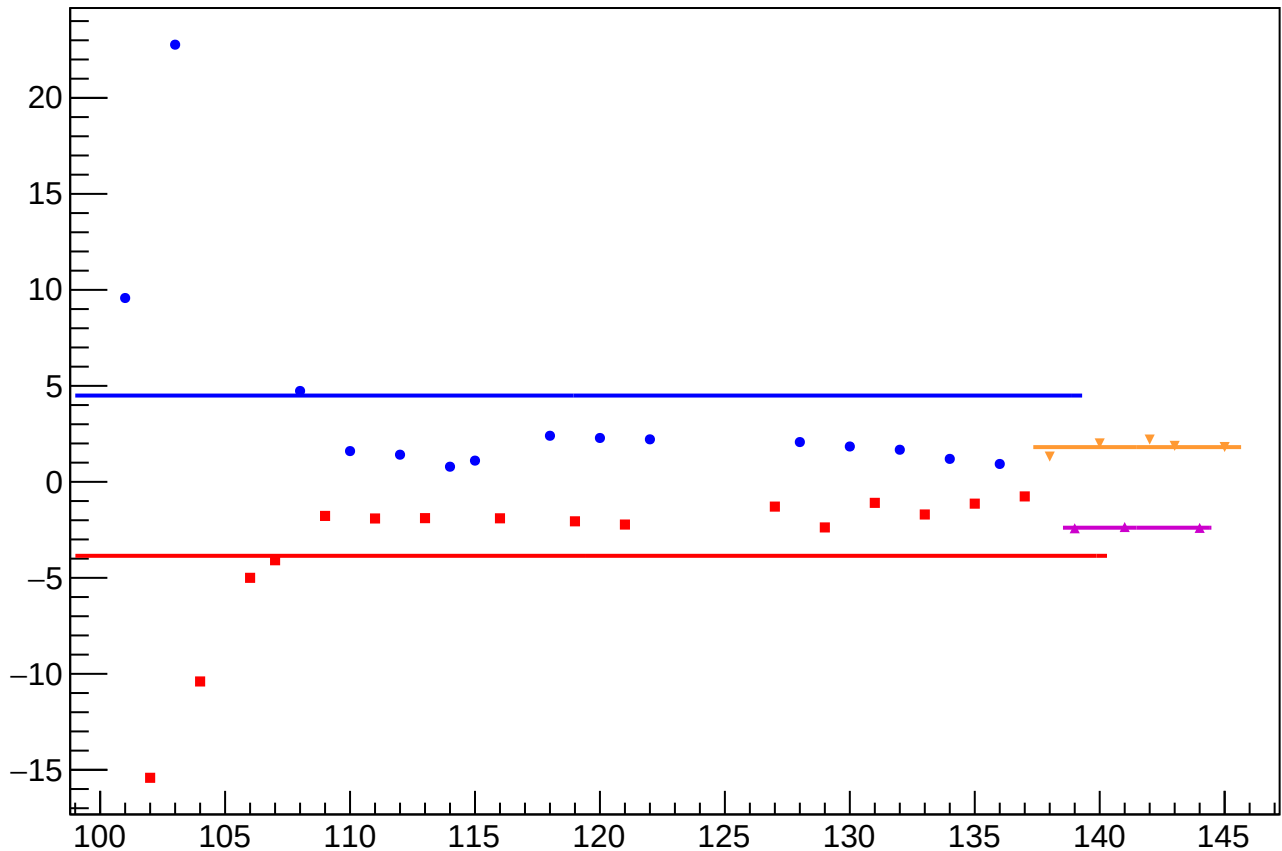
Left In: -1175.686+/-0.000 χ^2/NDF : 6206619771609003879292638606747762688.0/2

dit_4aX_coil6_mean vs Slug, Sign Corrected



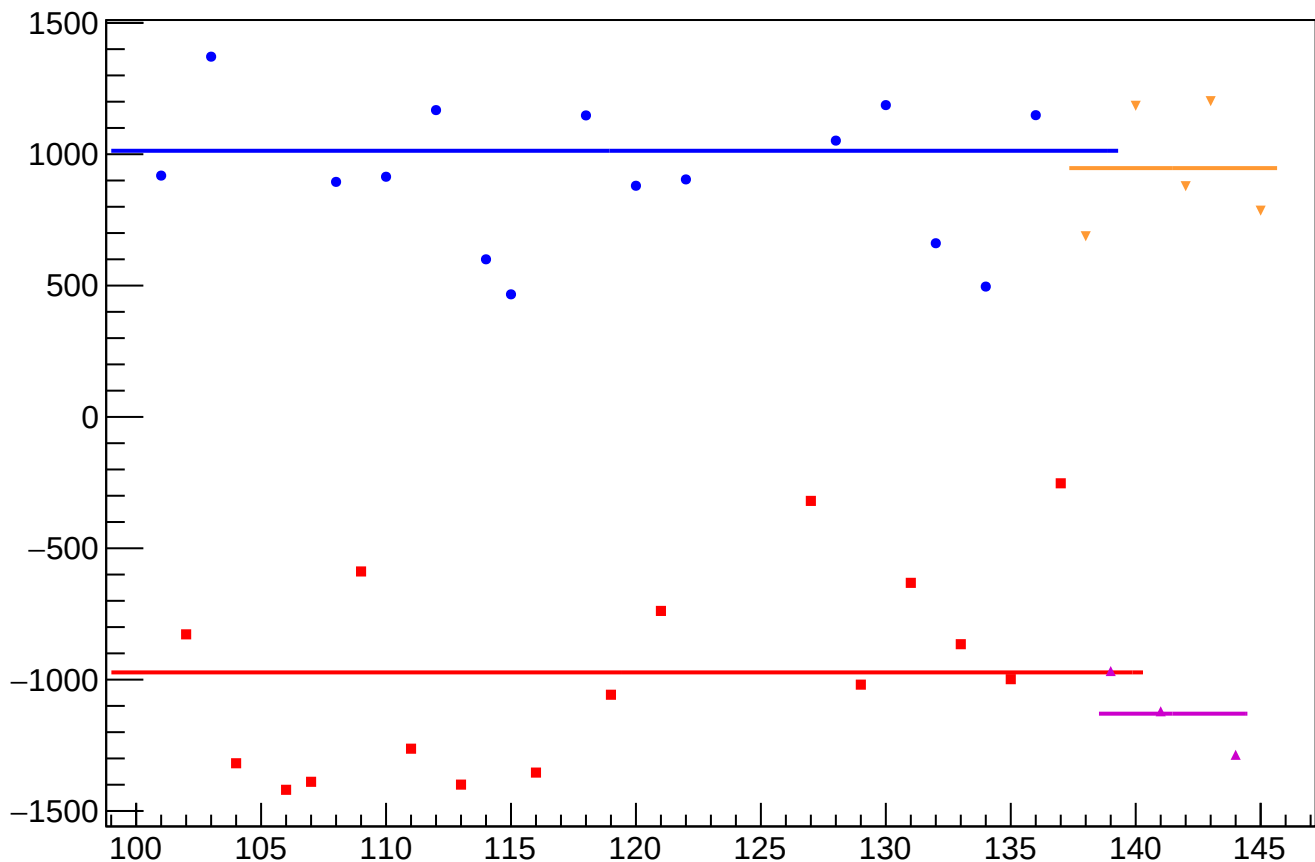
Right In: 2.123+/-0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14
 Left Out: 2.521+/-0.000 χ^2/NDF : 214522957761775448357305548013568.0/4
 Right Out: -2.142+/-0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15
 Left In: -2.613+/-0.000 χ^2/NDF : 107784298839648456637860640980992.0/2

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



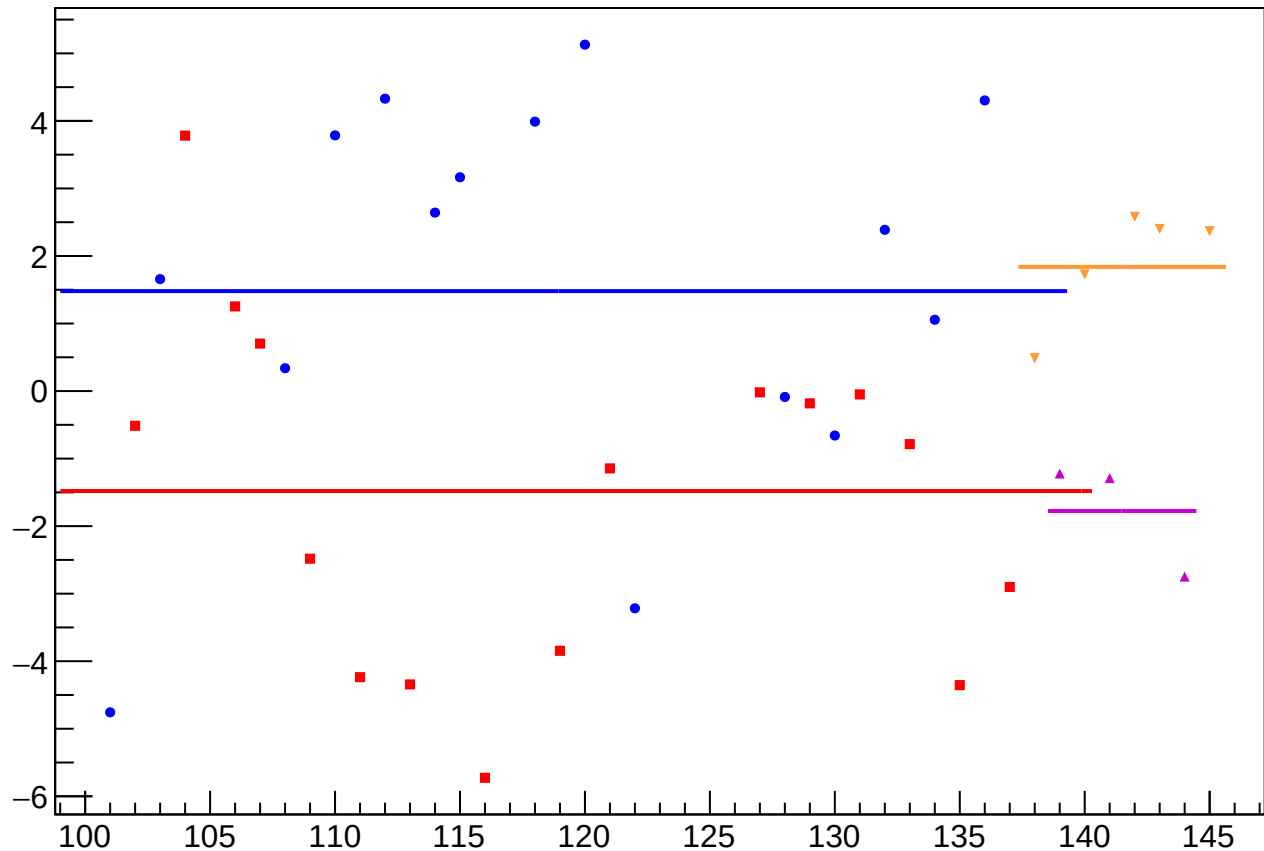
Right In: 4.495 +/- 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14
 Left Out: 1.810 +/- 0.000 χ^2/NDF : 29427702884840189615720653389824.0/4
 Right Out: -3.852 +/- 0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15
 Left In: -2.389 +/- 0.000 χ^2/NDF : 188632673346550746068664975360.0/2

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



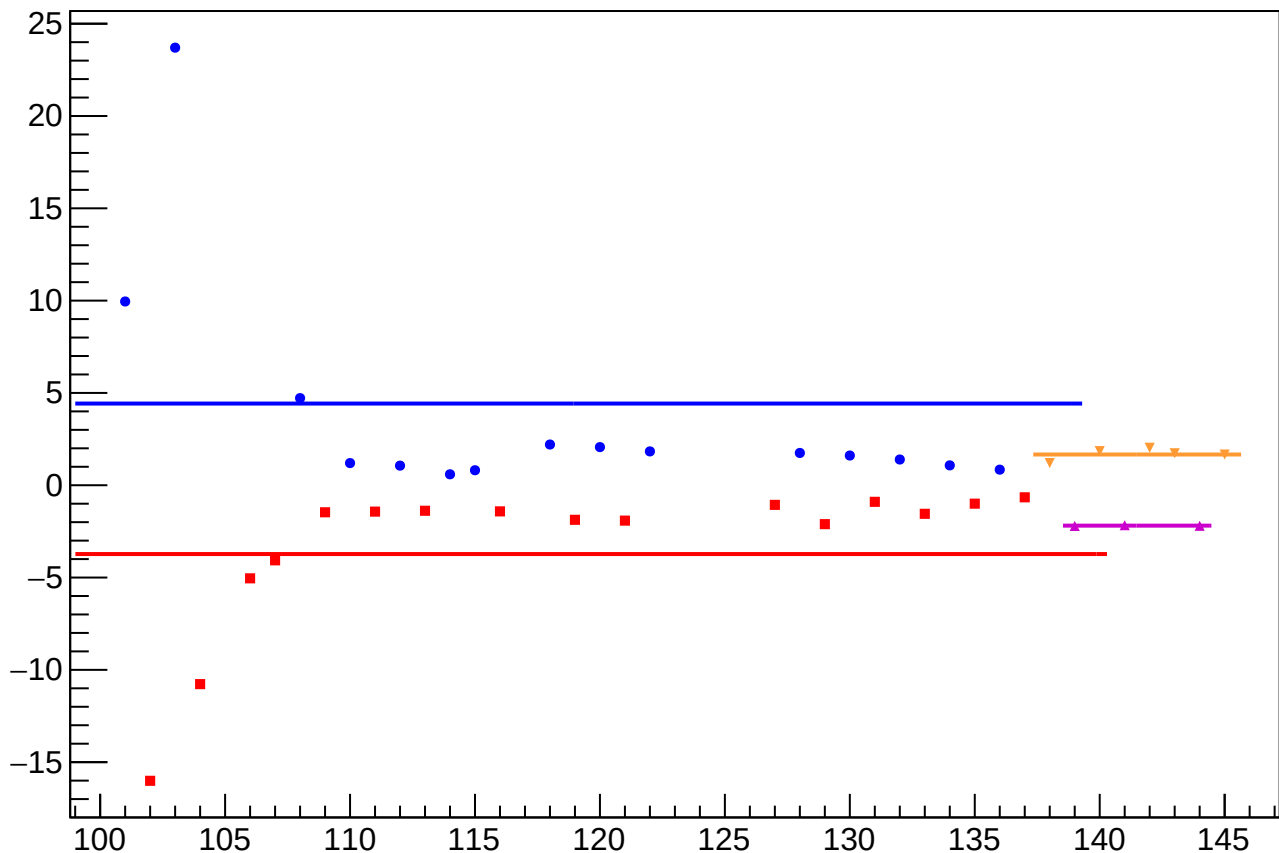
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 947.169+/-0.000	χ^2/NDF : 16560597897799017184411317963774230528.0/4
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: -1129.600+/-0.000	χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_4eX_coil6_mean vs Slug, Sign Corrected



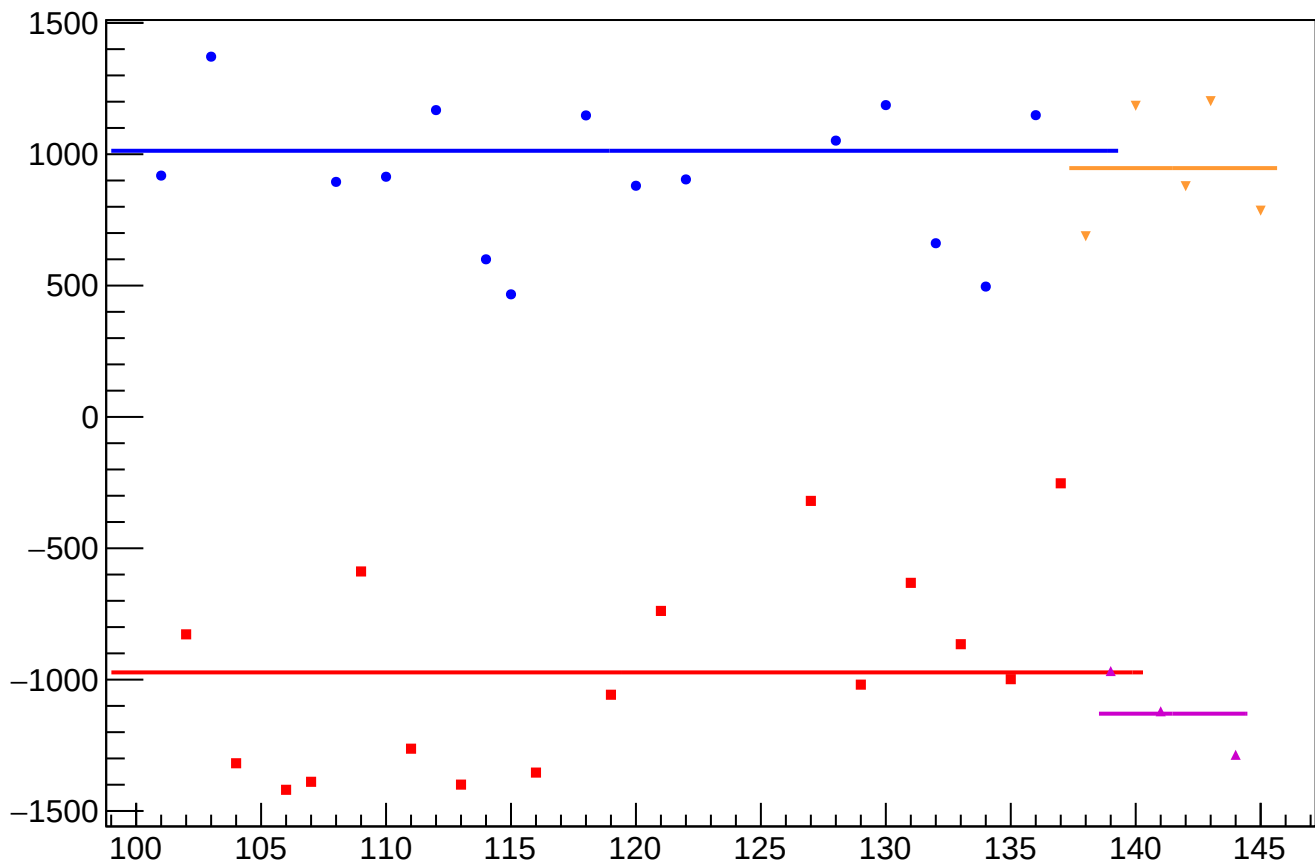
Right In: 1.480 +/- 0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14
 Left Out: 1.839 +/- 0.000 χ^2/NDF : 212657372986078347091138505080832.0/4
 Right Out: -1.480 +/- 0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15
 Left In: -1.776 +/- 0.000 χ^2/NDF : 129047226341362654382466105606144.0/2

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



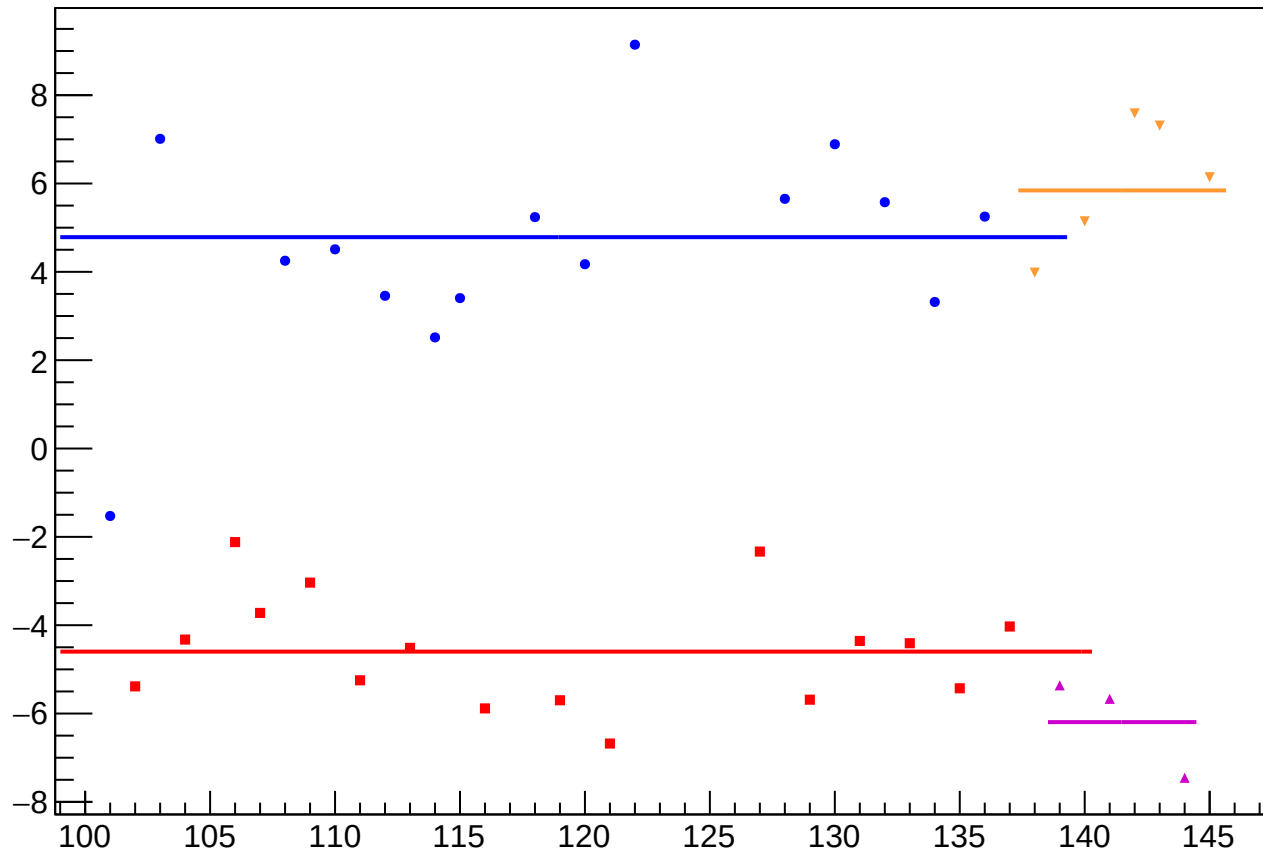
Right In: 4.424 +/- 0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14
 Left Out: 1.665 +/- 0.000 χ^2/NDF : 25810315296592279626457494323200.0/4
 Right Out: -3.727 +/- 0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15
 Left In: -2.188 +/- 0.000 χ^2/NDF : 74556015808005089273799770112.0/2

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 947.169+/-0.000	χ^2/NDF : 16560597897799017184411317963774230528.0/4
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: -1129.600+/-0.000	χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_11X12X_coil6_mean vs Slug, Sign Corrected



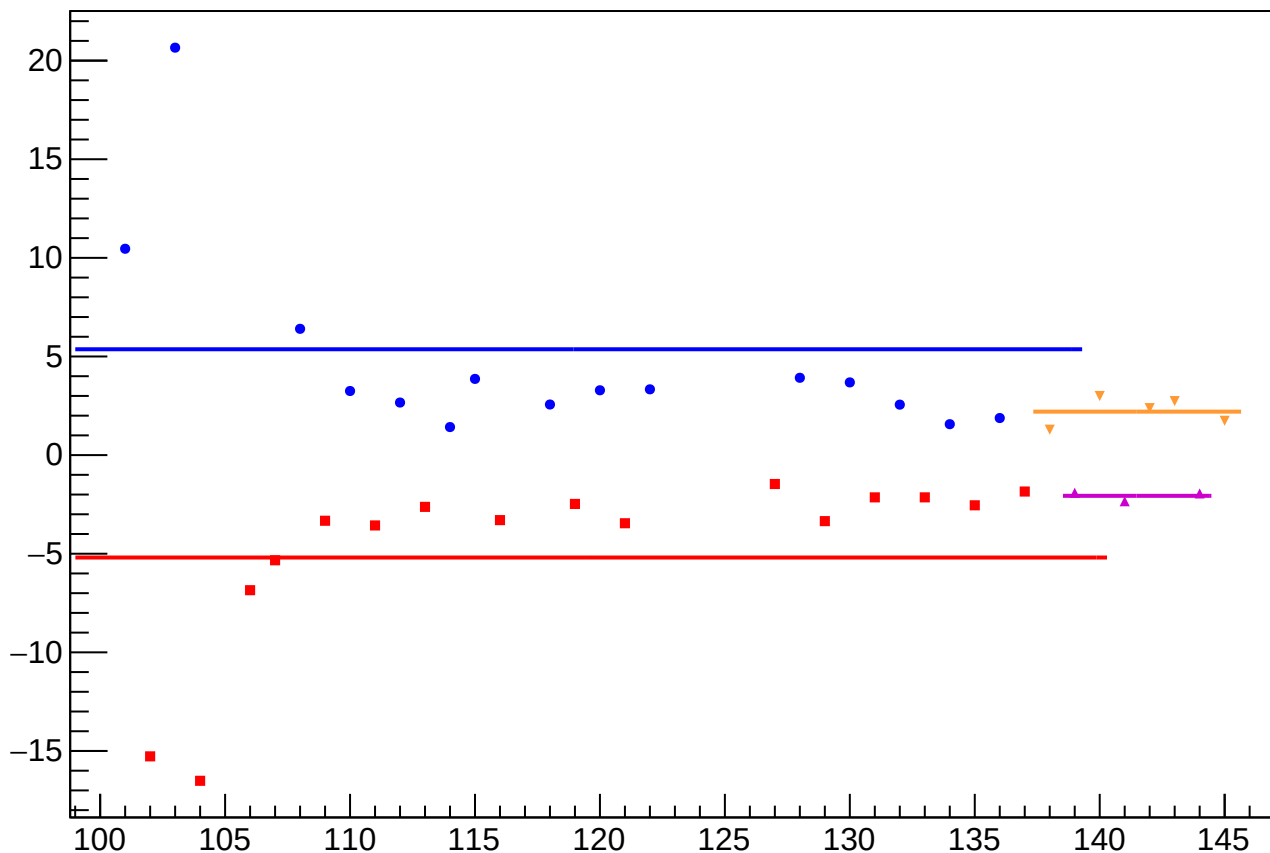
Right In: 4.785 +/- 0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.843 +/- 0.000 χ^2/NDF : 601635066586915948497733865701376.0/4

Right Out: -4.598 +/- 0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

Left In: -6.194 +/- 0.000 χ^2/NDF : 221204757307179606101012133183488.0/2

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



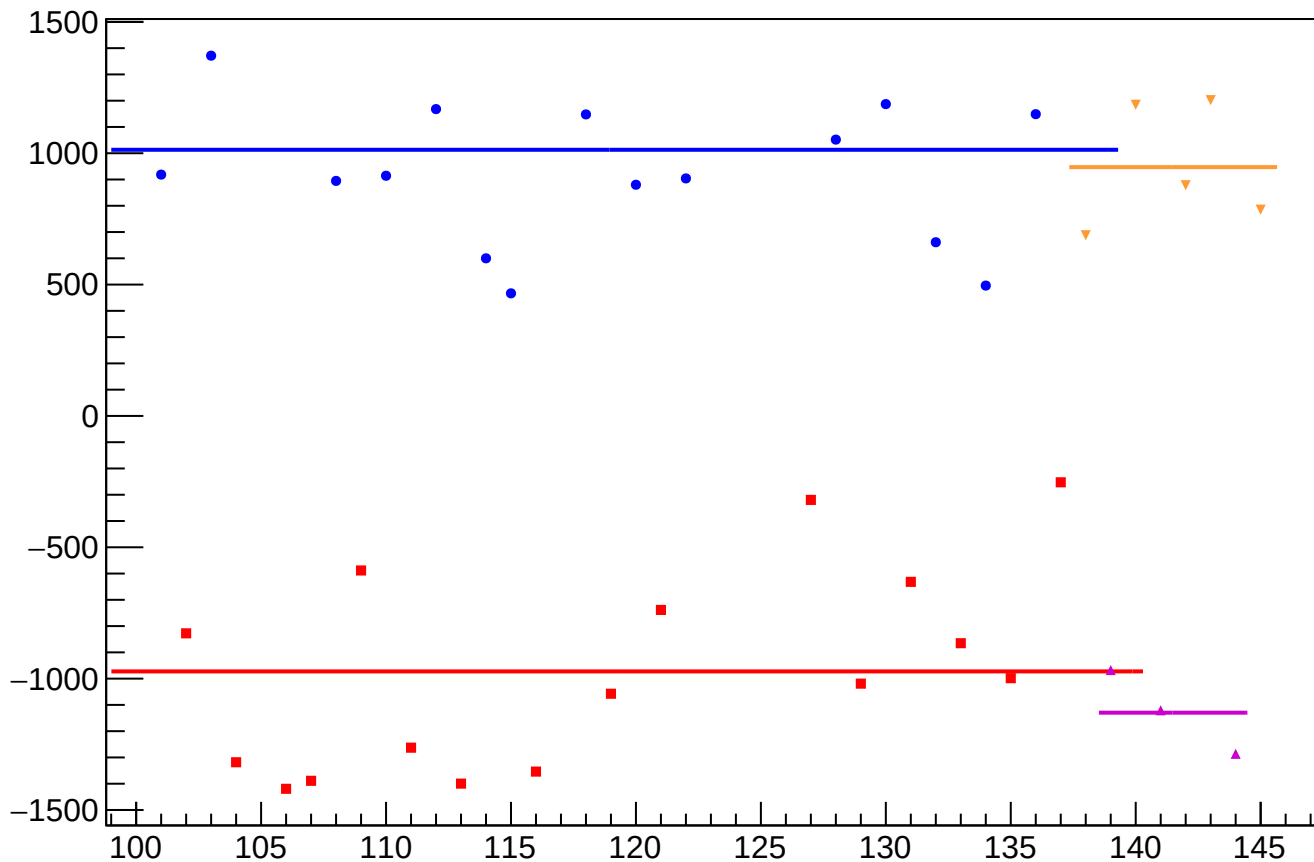
Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.204+/-0.000 χ^2/NDF : 154720270648845966346811678392320.0/4

Right Out: -5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

Left In: -2.064+/-0.000 χ^2/NDF : 9696951302921566163456835452928.0/2

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



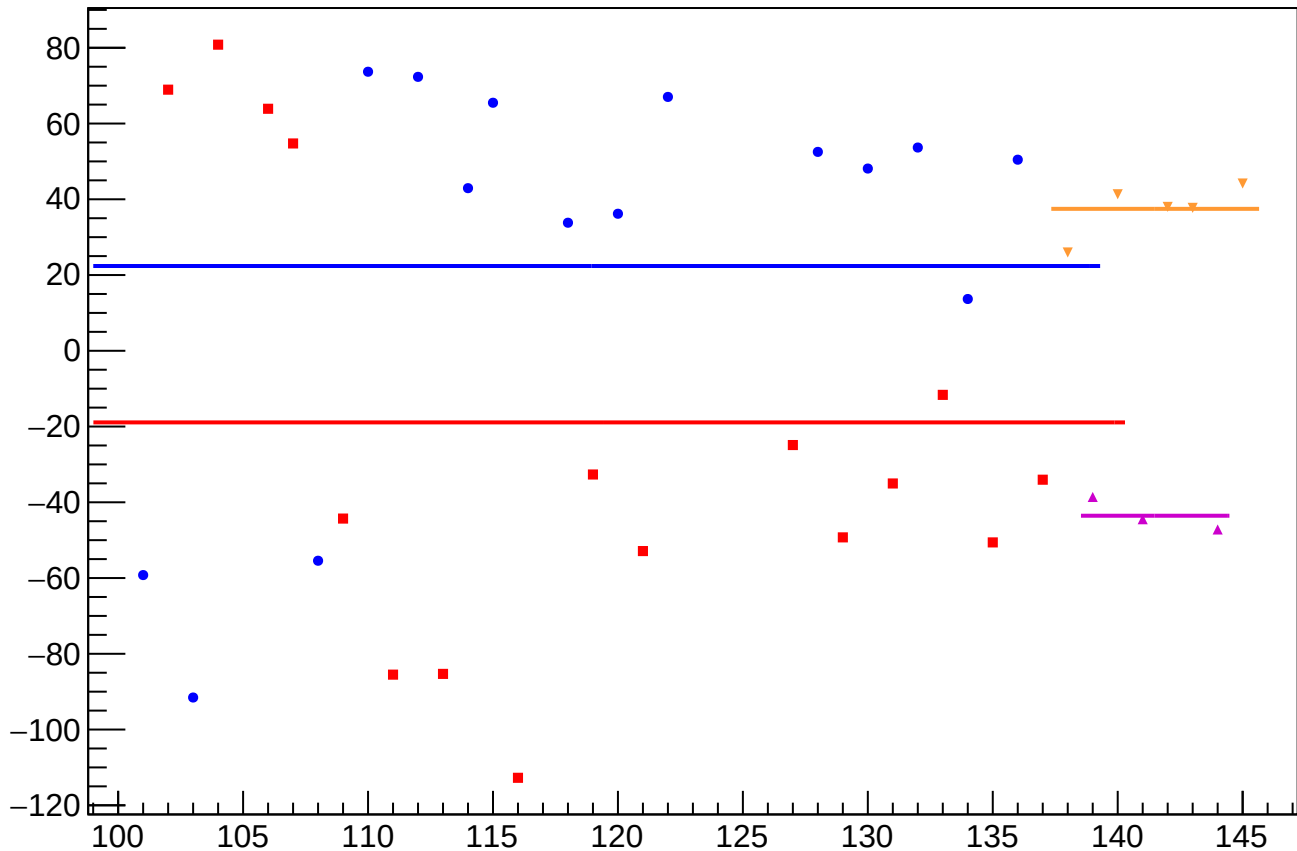
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 947.169 ± 0.000 χ^2/NDF : 16560597897799017184411317963774230528.0/4

Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600 ± 0.000 χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_4aY_coil6_mean vs Slug, Sign Corrected



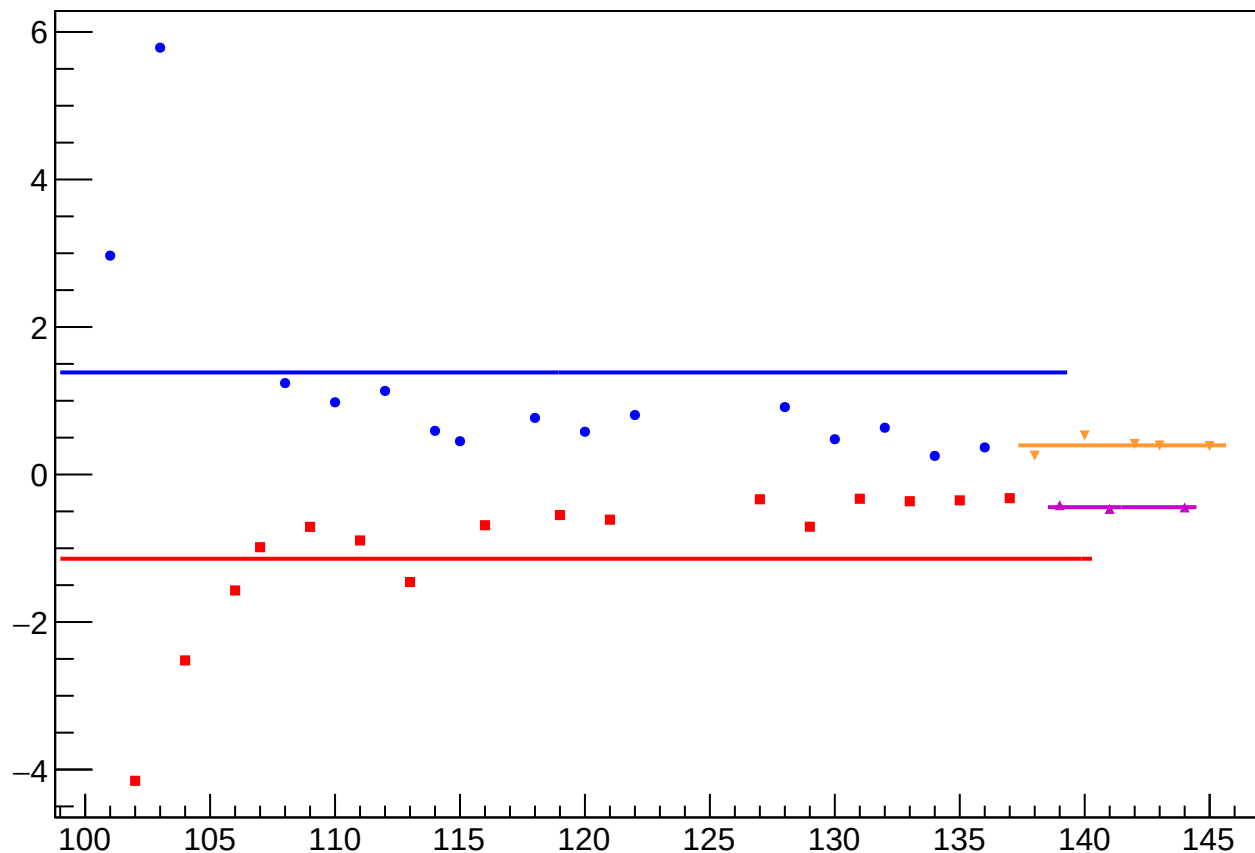
Right In: 22.385 +/- 0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 37.477 +/- 0.000 χ^2/NDF : 15207762046567066916982190025736192.0/4

Right Out: -18.907 +/- 0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

Left In: -43.547 +/- 0.000 χ^2/NDF : 3235258863939986855509842984960000.0/2

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



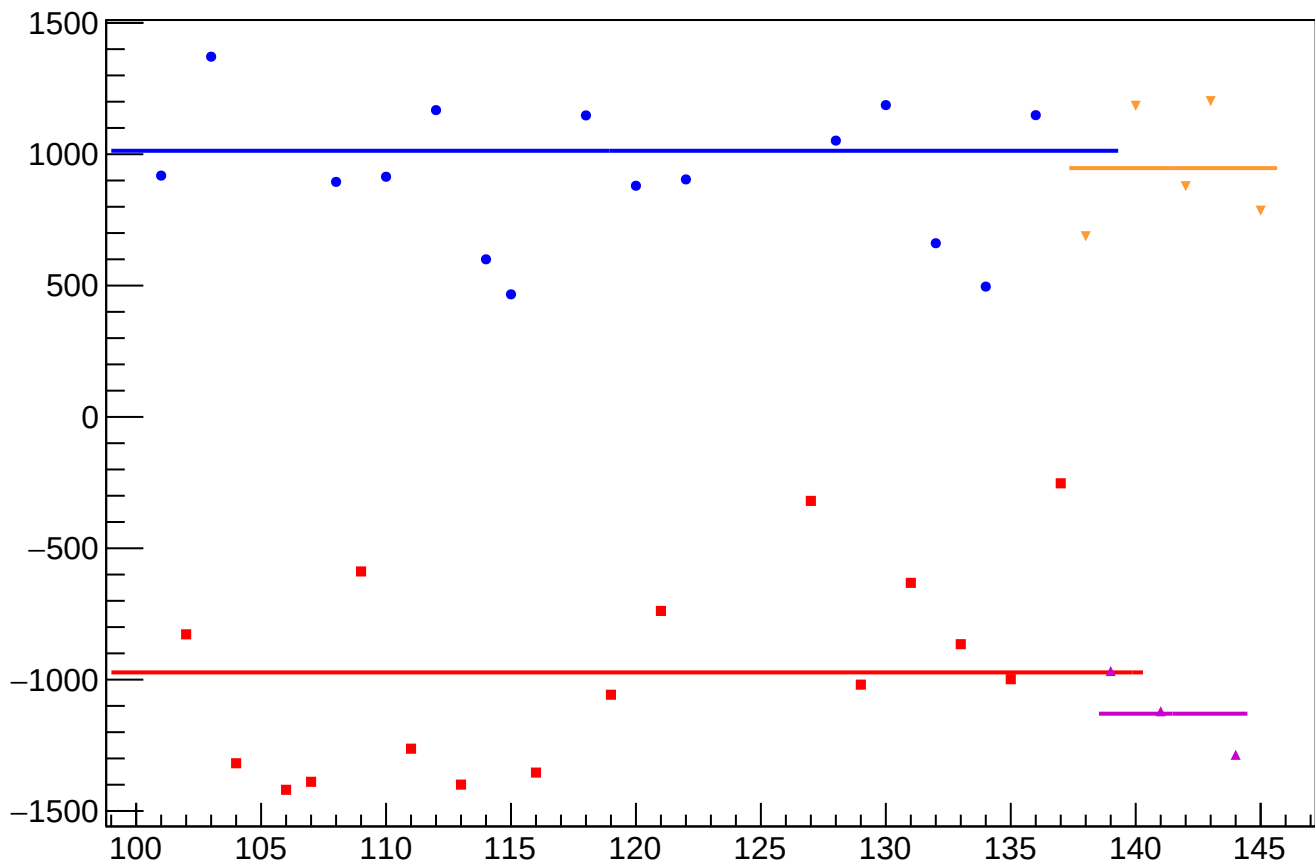
Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14

Left Out: 0.395+/-0.000 χ^2/NDF : 3036949842564400662242387820544.0/4

Right Out: -1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15

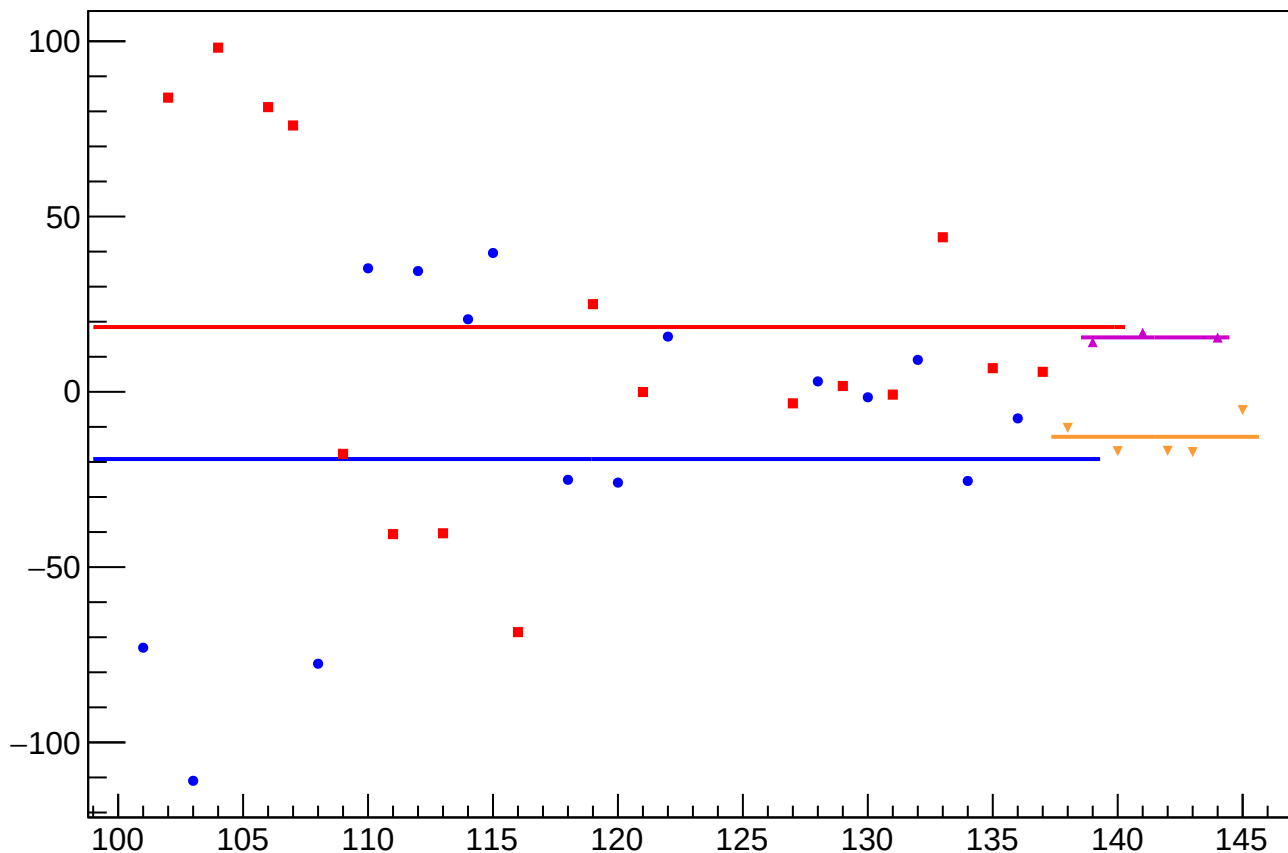
Left In: -0.443+/-0.000 χ^2/NDF : 110172673139444850799564292096.0/2

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 947.169 ± 0.000 χ^2/NDF : 16560597897799017184411317963774230528.0/4
 Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1129.600 ± 0.000 χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_4eY_coil6_mean vs Slug, Sign Corrected



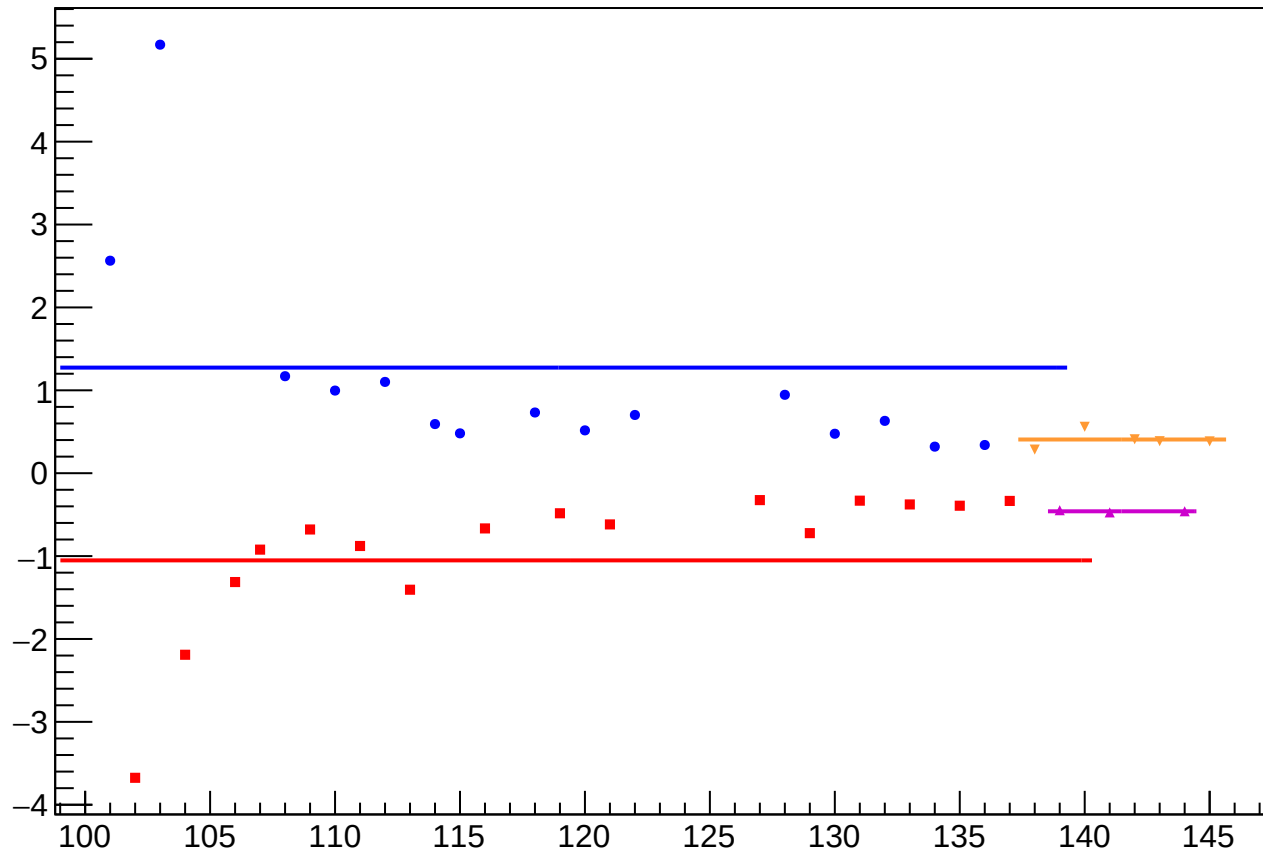
Right In: -19.175 +/- 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -12.829 +/- 0.000 χ^2/NDF : 8585802204792019370777012493877248.0/4

Right Out: 18.479 +/- 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

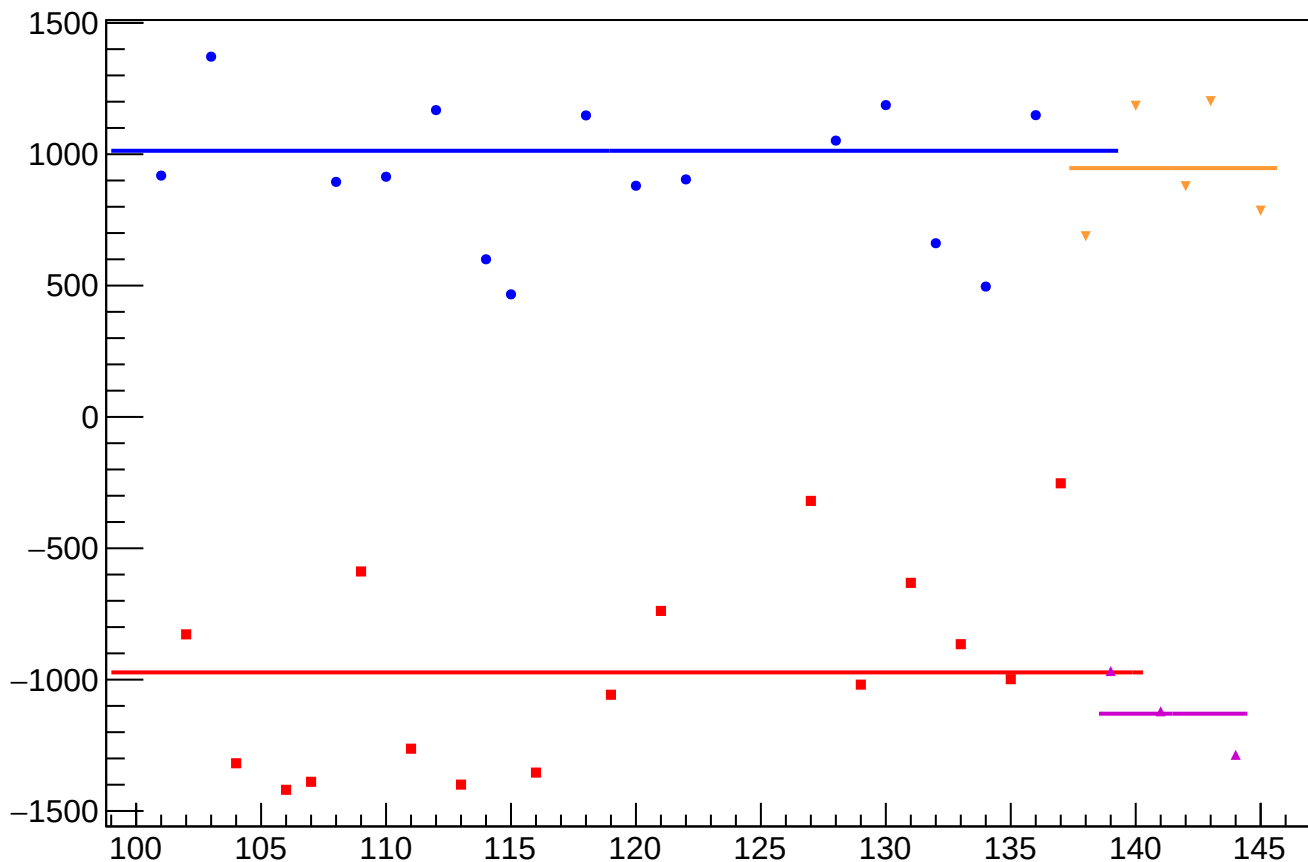
Left In: 15.527 +/- 0.000 χ^2/NDF : 295536079410646708967257394905088.0/2

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 1.274+/-0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.407+/-0.000 χ^2/NDF : 3153743342479364171096077107200.0/4
 Right Out: -1.052+/-0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: -0.460+/-0.000 χ^2/NDF : 28720050317074005817206767616.0/2

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



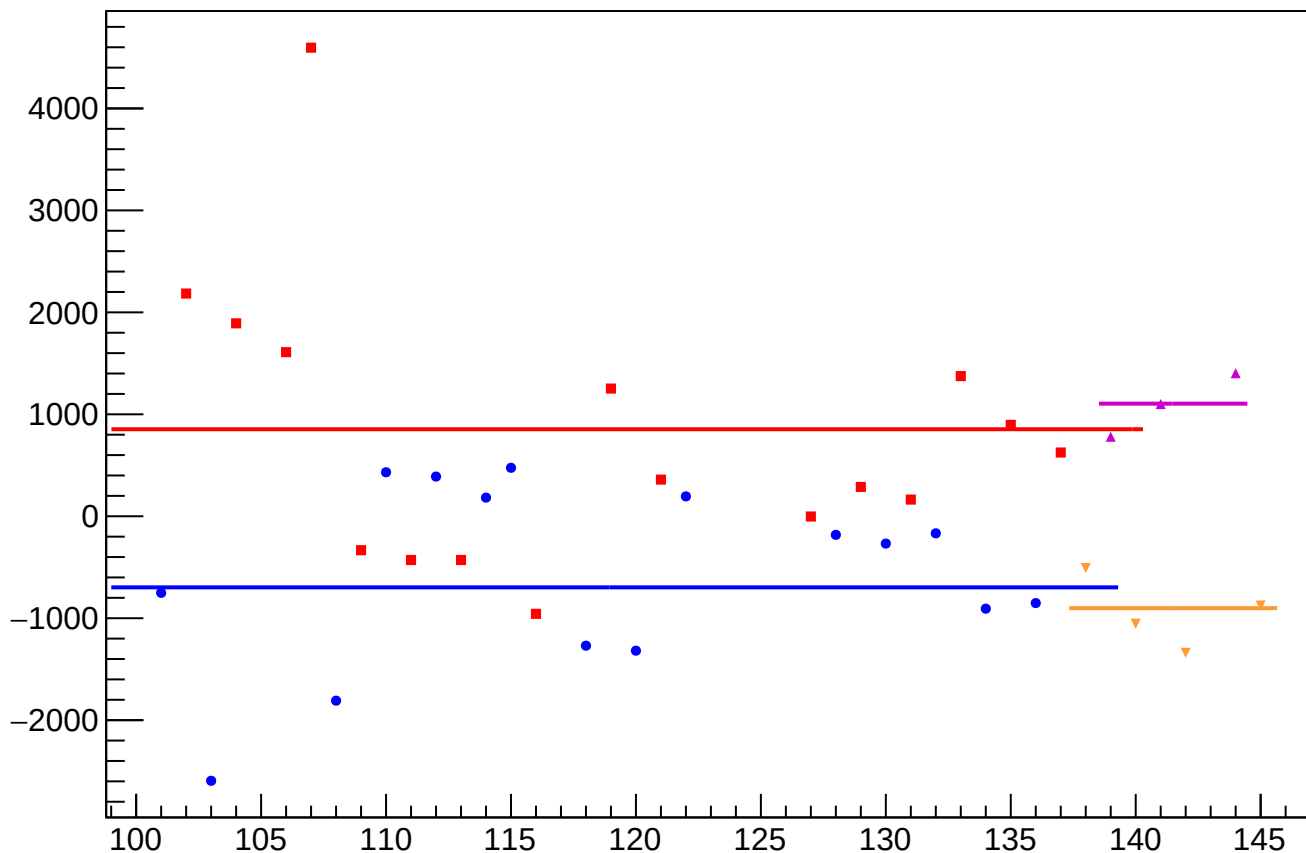
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 947.169 $\pm$ 0.000 χ^2 /NDF: 16560597897799017184411317963774230528.0/4

Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

Left In: -1129.600 $\pm$ 0.000 χ^2 /NDF: 4322028015098784947615018931883868160.0/2

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: -697.283+/-0.000

χ^2/NDF : 490435790698133828475769692944364208128.0/14

Left Out: -900.972+/-0.000

χ^2/NDF : 22891521935798573145628160070063751168.0/3

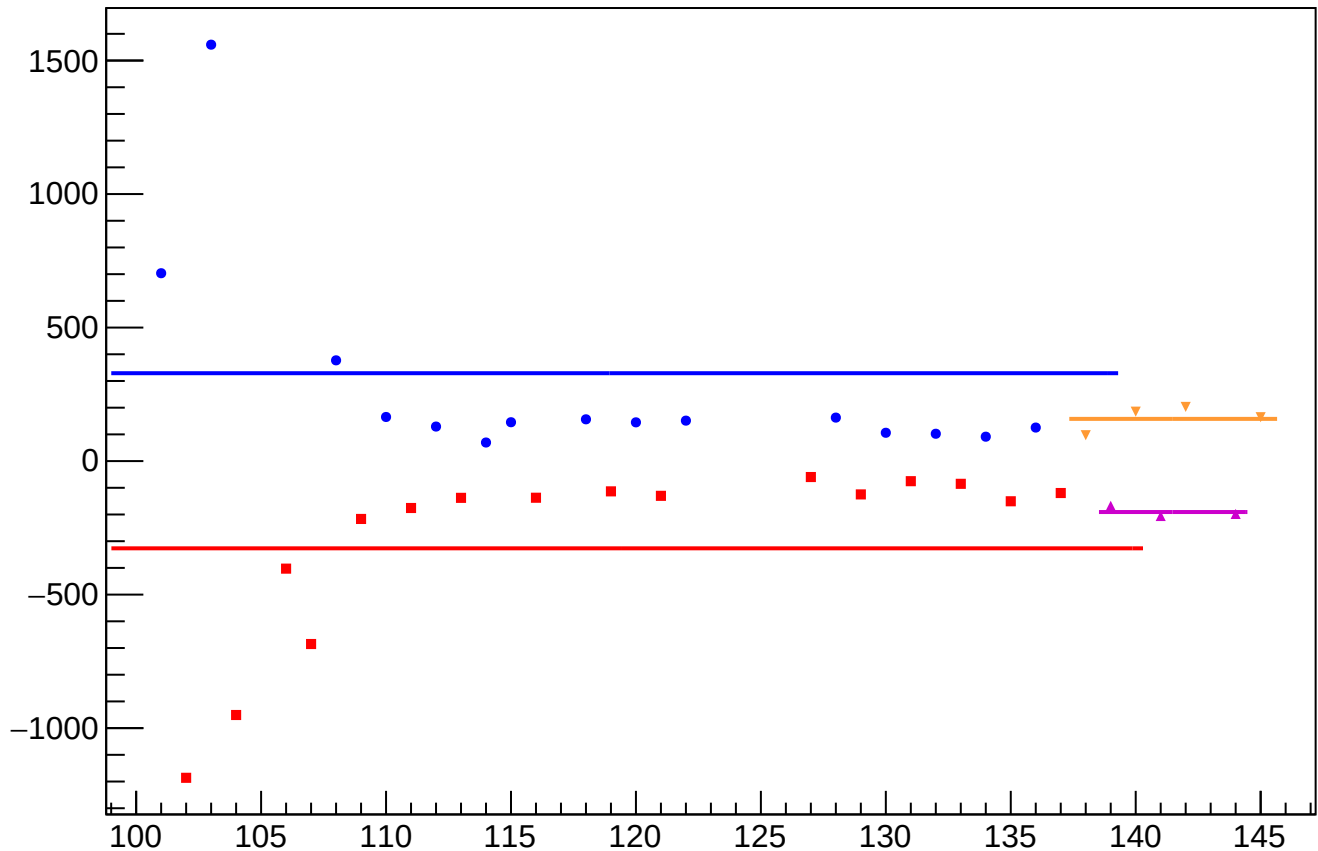
Right Out: 853.734+/-0.000

χ^2/NDF : 1078379020126412317155932275156201766912.0/15

Left In: 1104.427+/-0.000

χ^2/NDF : 16436556675027648085600110196018905088.0/2

dit_usl_coil6_err_mean vs Slug, Sign Corrected



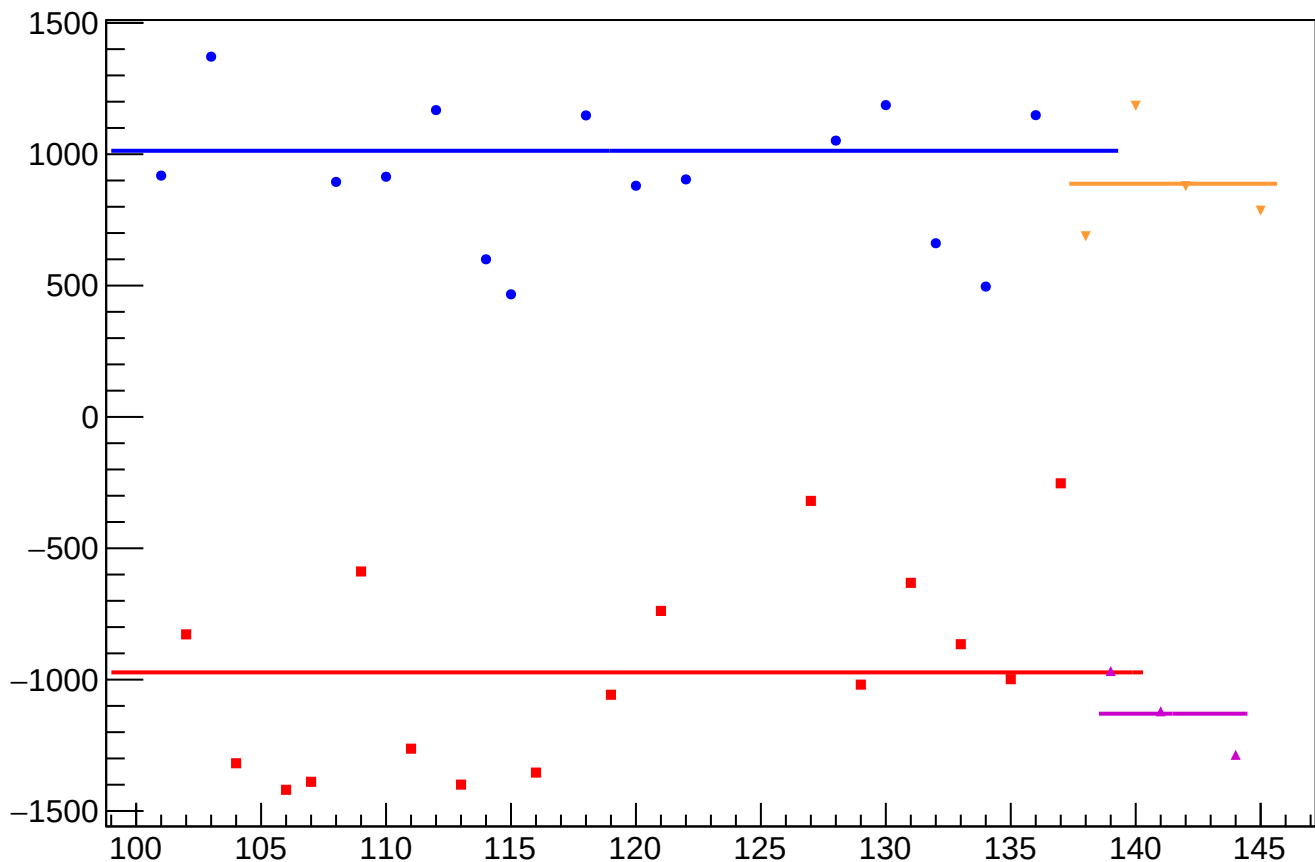
Right In: 329.108 +/- 0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14

Left Out: 158.088 +/- 0.000 χ^2/NDF : 447443057152228848132894883412180992.0/3

Right Out: -326.695 +/- 0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15

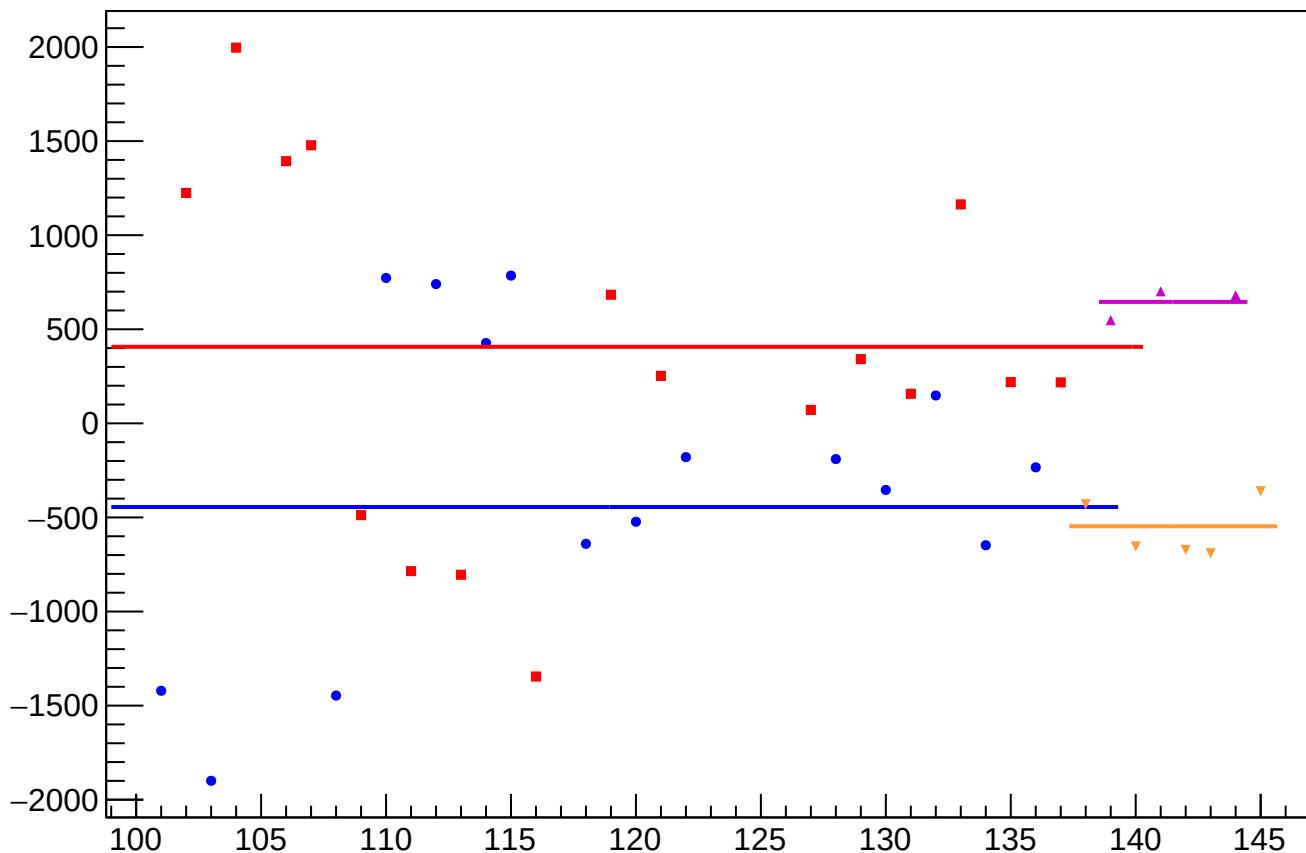
Left In: -190.764 +/- 0.000 χ^2/NDF : 67463819427603264875972300208340992.0/2

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 887.683 $\pm$ 0.000 χ^2 /NDF: 11194629198706635432712110532431183872.0/3
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1129.600 $\pm$ 0.000 χ^2 /NDF: 4322028015098784947615018931883868160.0/2

dit_usr_coil6_mean vs Slug, Sign Corrected



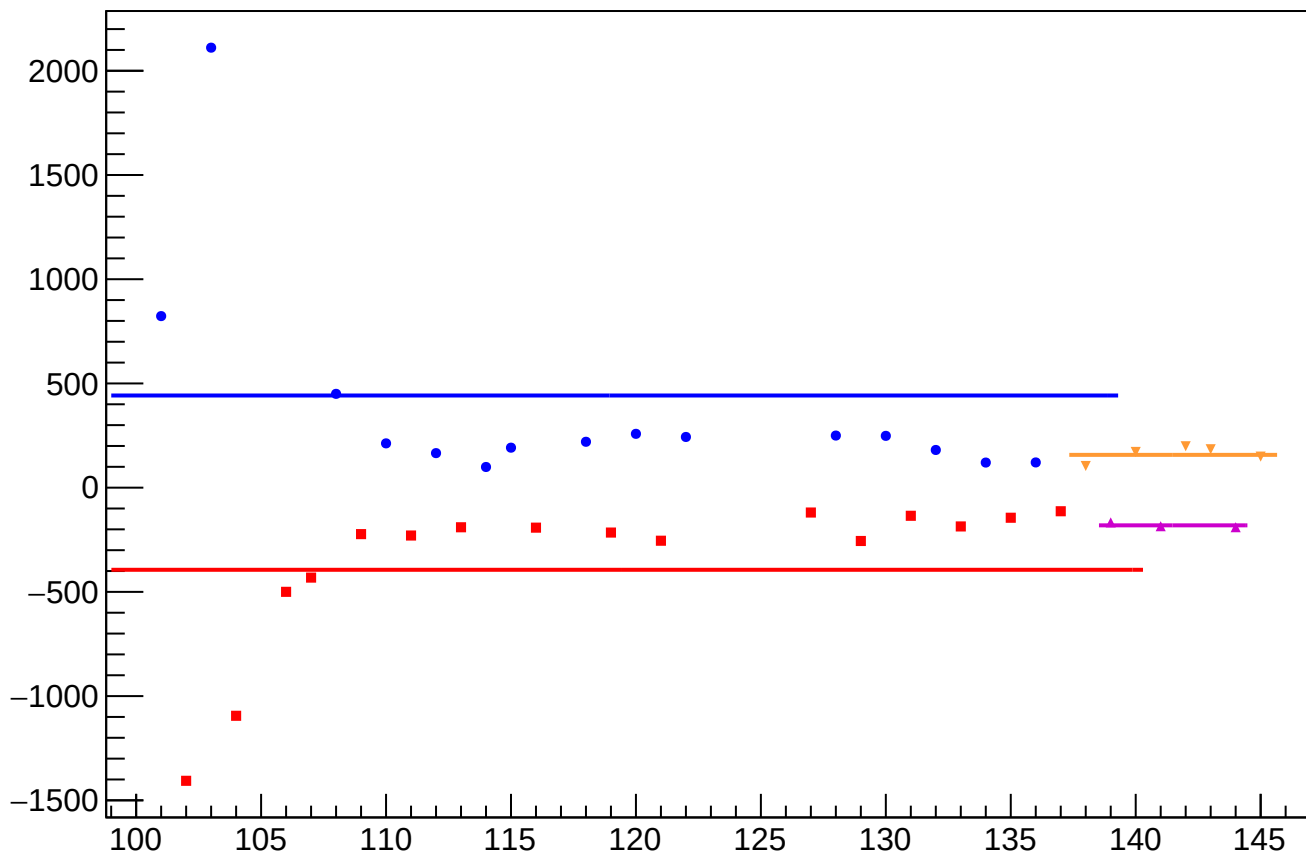
Right In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14

Left Out: -546.980+/-0.000 χ^2/NDF : 6918501770892050854094299821202472960.0/4

Right Out: 406.729+/-0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15

Left In: 645.535+/-0.000 χ^2/NDF : 1146981281597485807343383383472340992.0/2

dit_usr_coil6_err_mean vs Slug, Sign Corrected



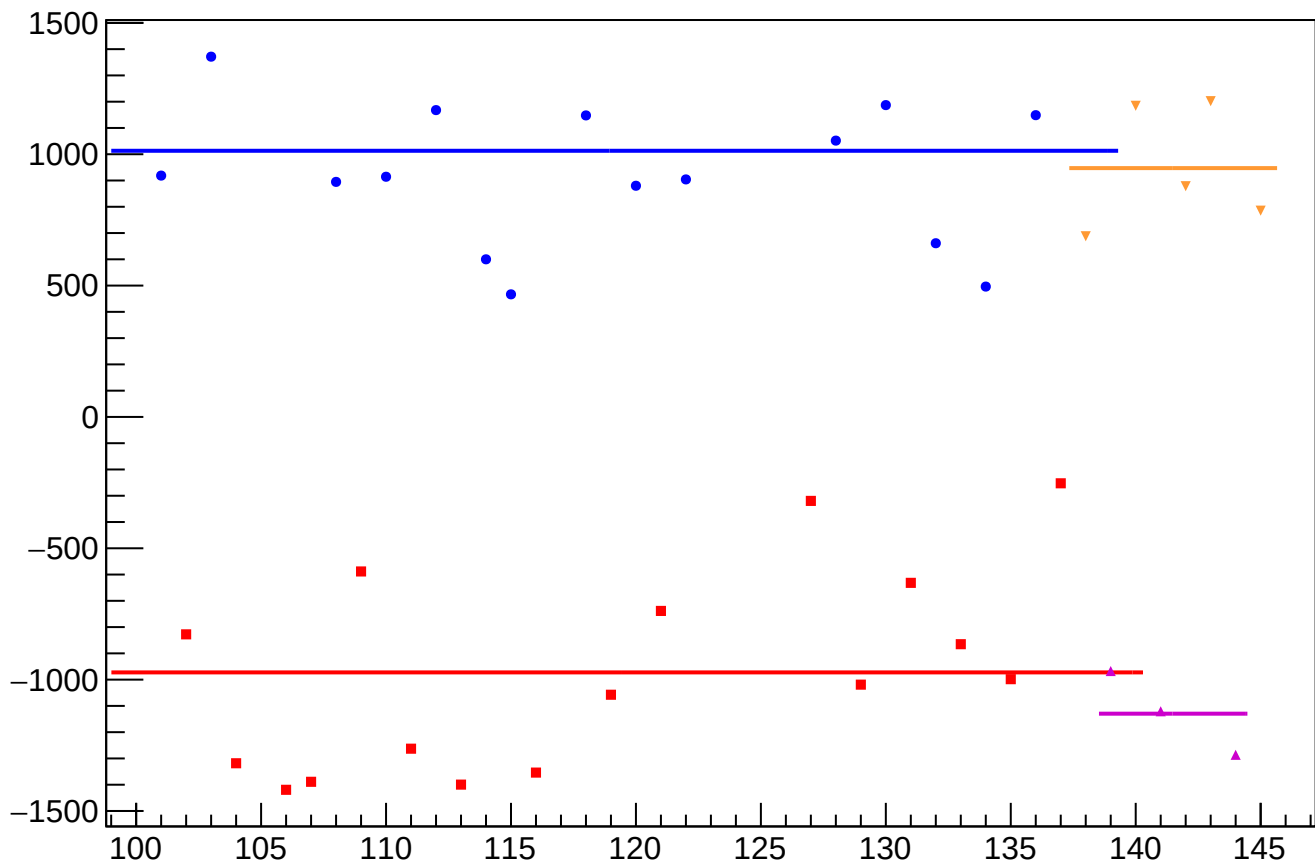
Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 157.355+/-0.000 χ^2/NDF : 370924976722585019057749826492956672.0/4

Right Out: -394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

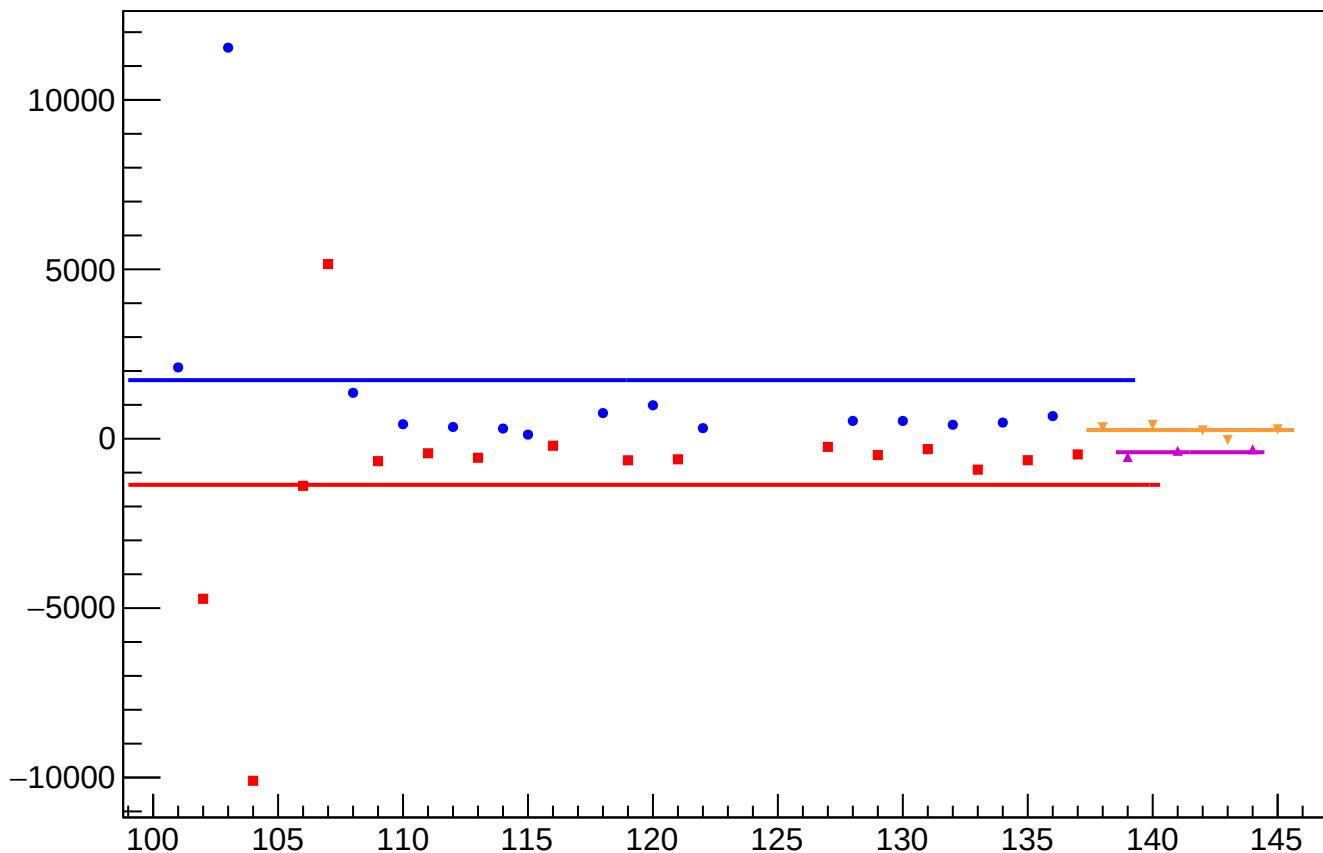
Left In: -180.775+/-0.000 χ^2/NDF : 24776377561864512511852832240959488.0/2

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



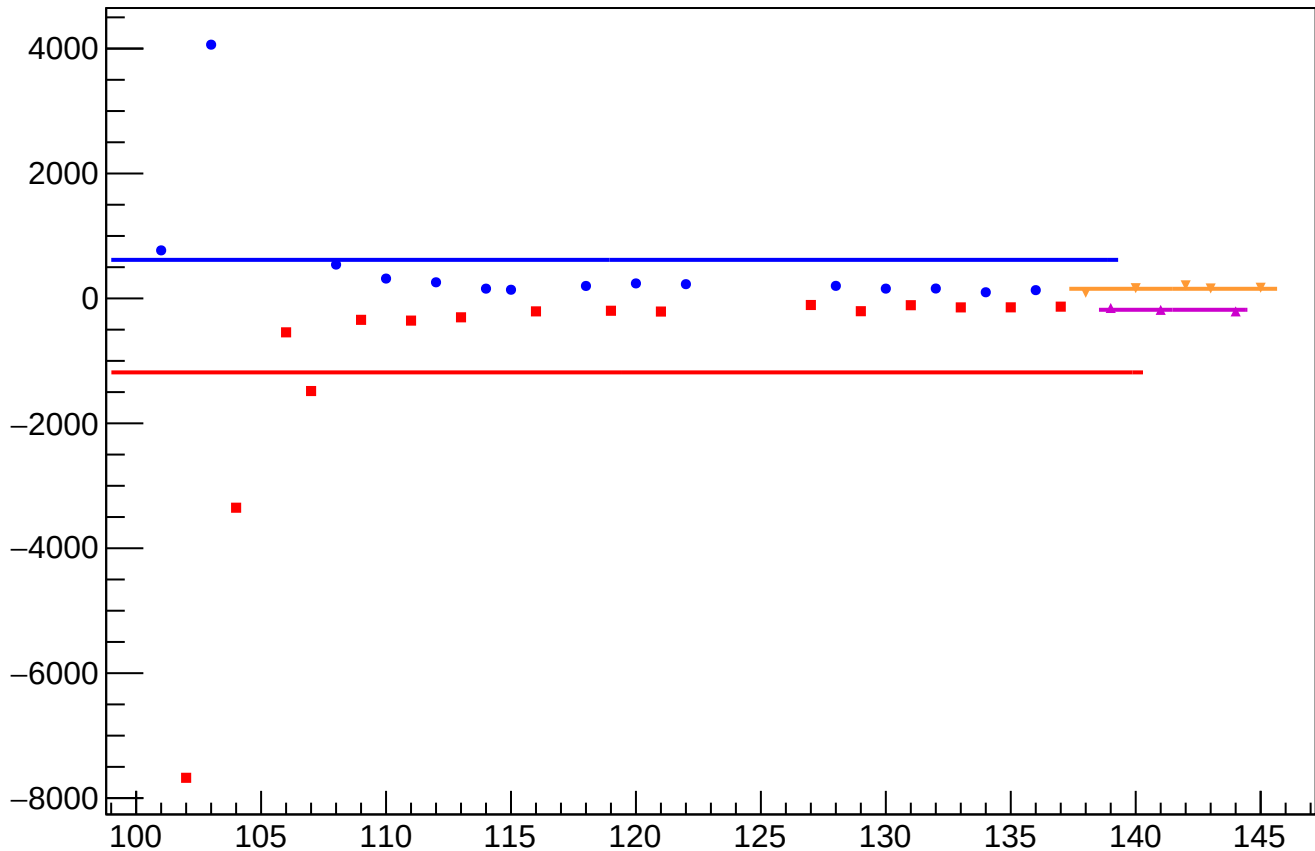
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 947.169+/-0.000	χ^2/NDF : 16560597897799017184411317963774230528.0/4
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: -1129.600+/-0.000	χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 257.472+/-0.000 χ^2/NDF : 8193004684462002551540605126428327936.0/4
 Right Out: -1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: -398.680+/-0.000 χ^2/NDF : 2470234444158006634507417512285569024.0/2

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



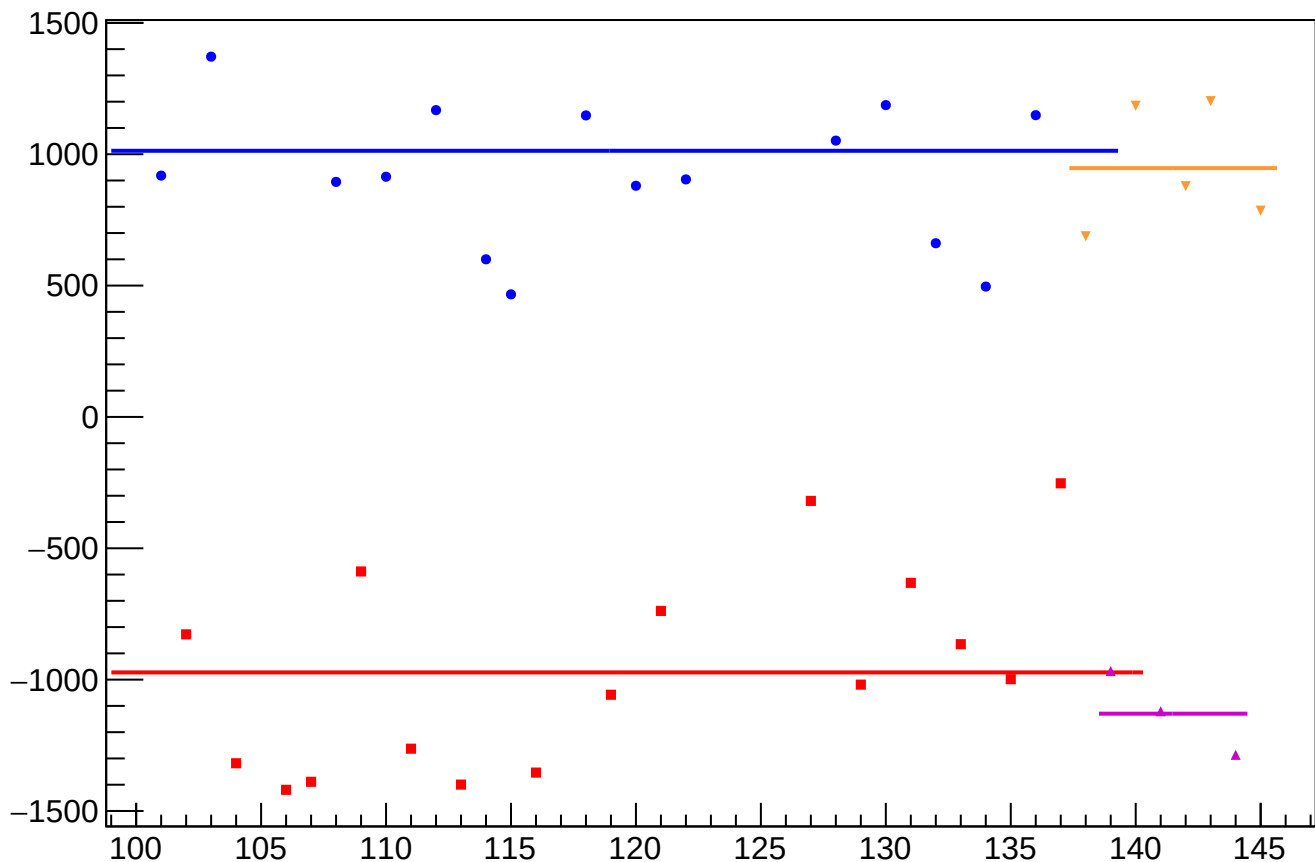
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 154.228+/-0.000 χ^2/NDF : 487188991209132815284885884130820096.0/4

Right Out: -1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

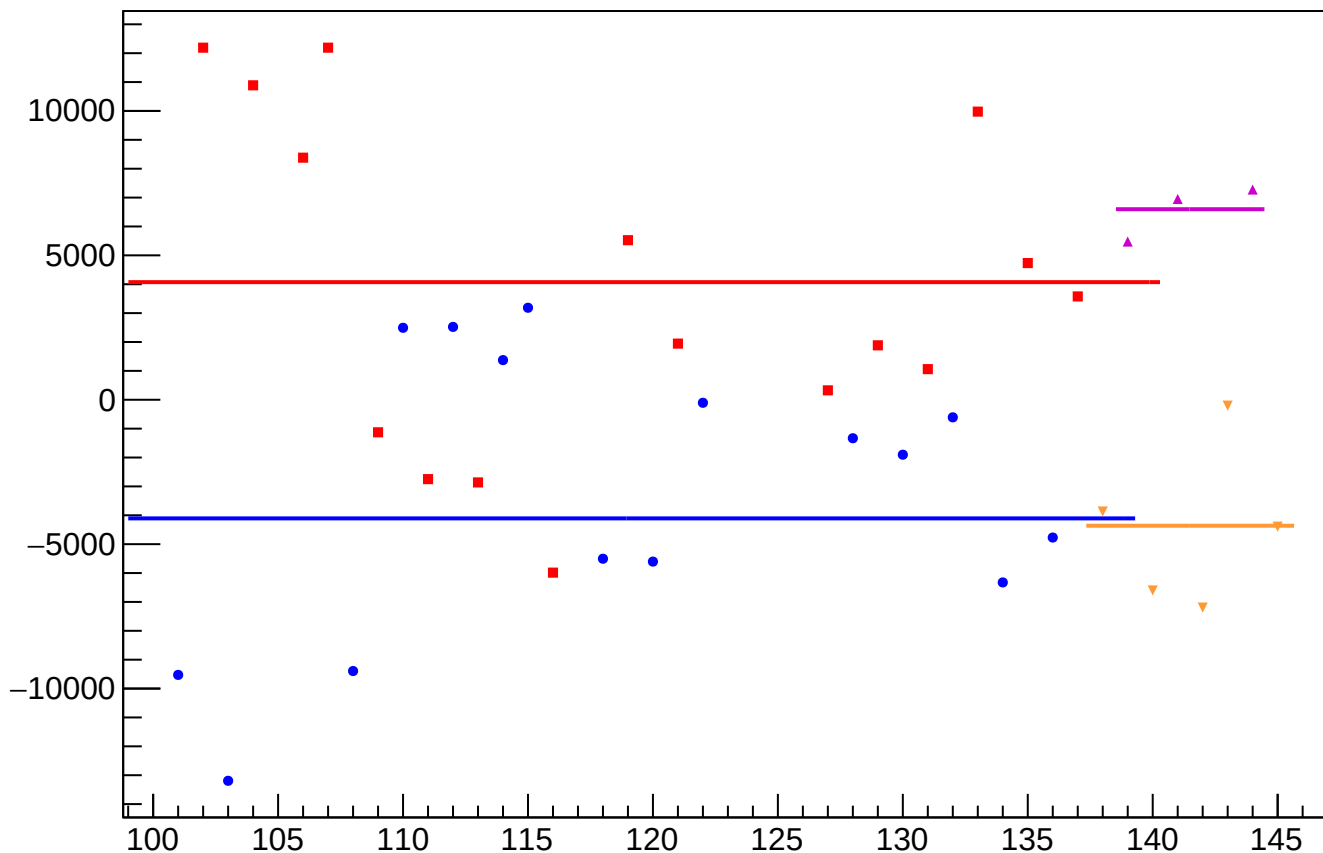
Left In: -181.915+/-0.000 χ^2/NDF : 127049271689624373172045095393820672.0/2

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



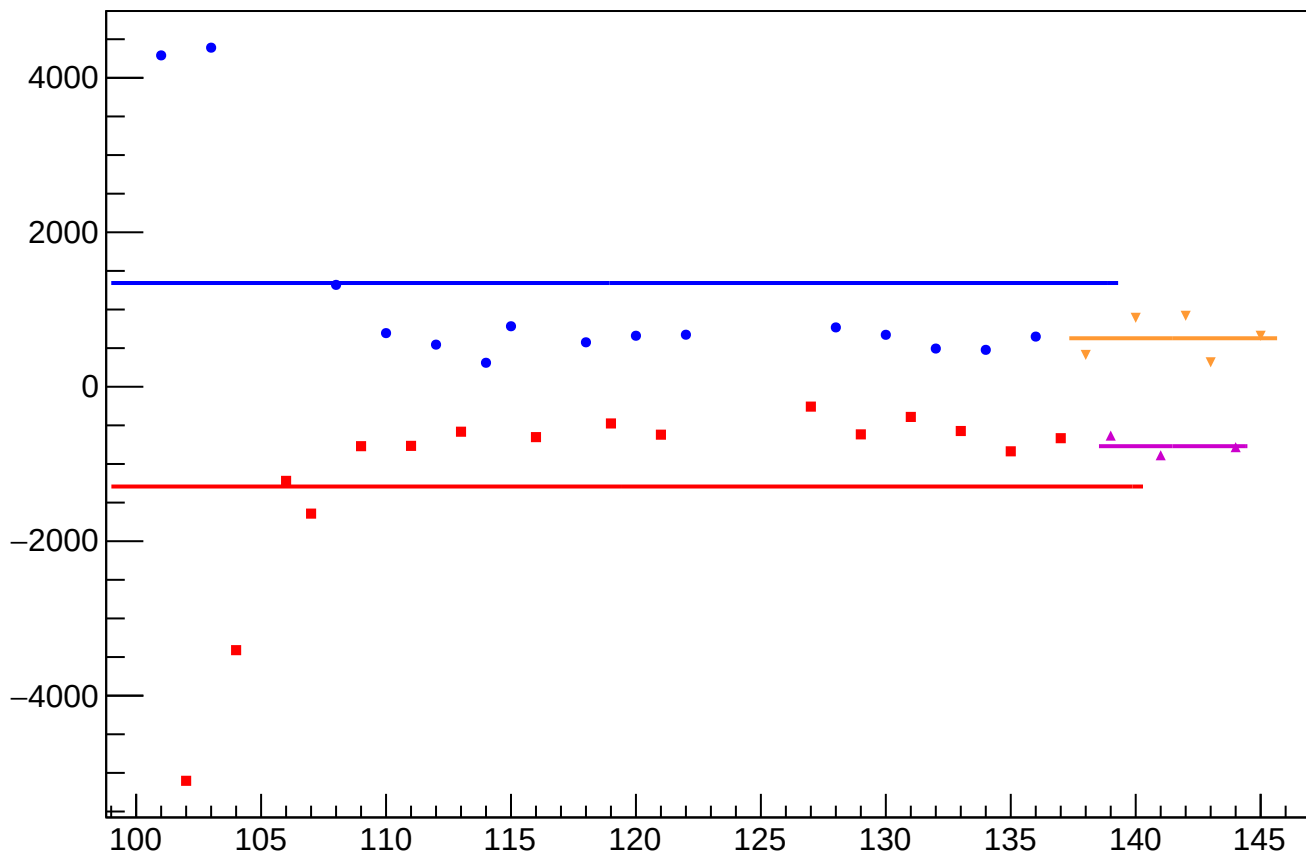
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 947.169 ± 0.000 χ^2/NDF : 16560597897799017184411317963774230528.0/4
 Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1129.600 ± 0.000 χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_atl2_coil6_mean vs Slug, Sign Corrected



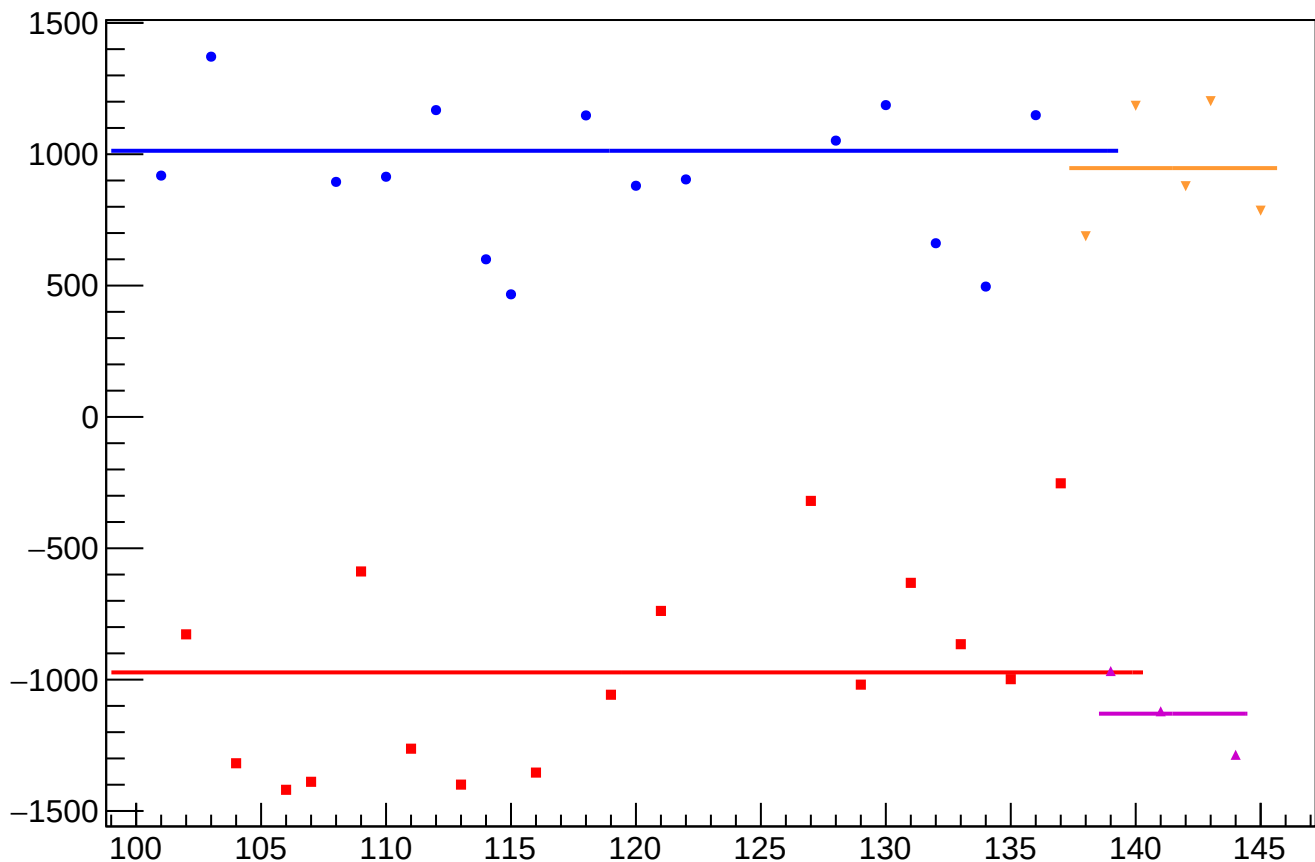
Right In: -4107.443 +/- 0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -4361.012 +/- 0.000 χ^2/NDF : 1958272479312412394889627555742550589440.0/4
 Right Out: 4072.120 +/- 0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: 6597.505 +/- 0.000 χ^2/NDF : 153494296879791765949353558577432756224.0/2

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



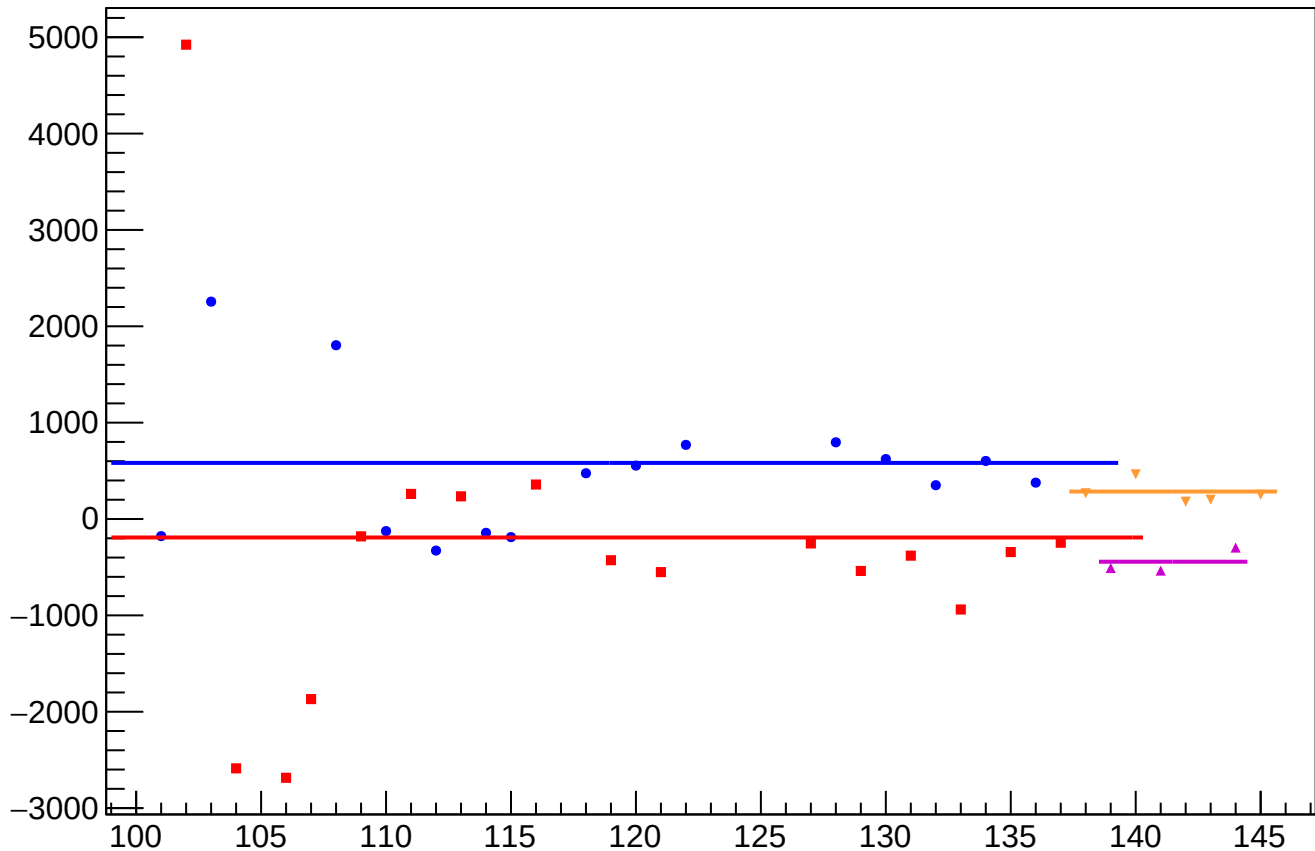
Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 627.911+/-0.000 χ^2/NDF : 19854847067798187617026934966581198848.0/4
 Right Out: -1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: -769.558+/-0.000 χ^2/NDF : 2708862486246207789197284037506367488.0/2

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 947.169+/-0.000	χ^2/NDF : 16560597897799017184411317963774230528.0/4
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: -1129.600+/-0.000	χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_atr1_coil6_mean vs Slug, Sign Corrected



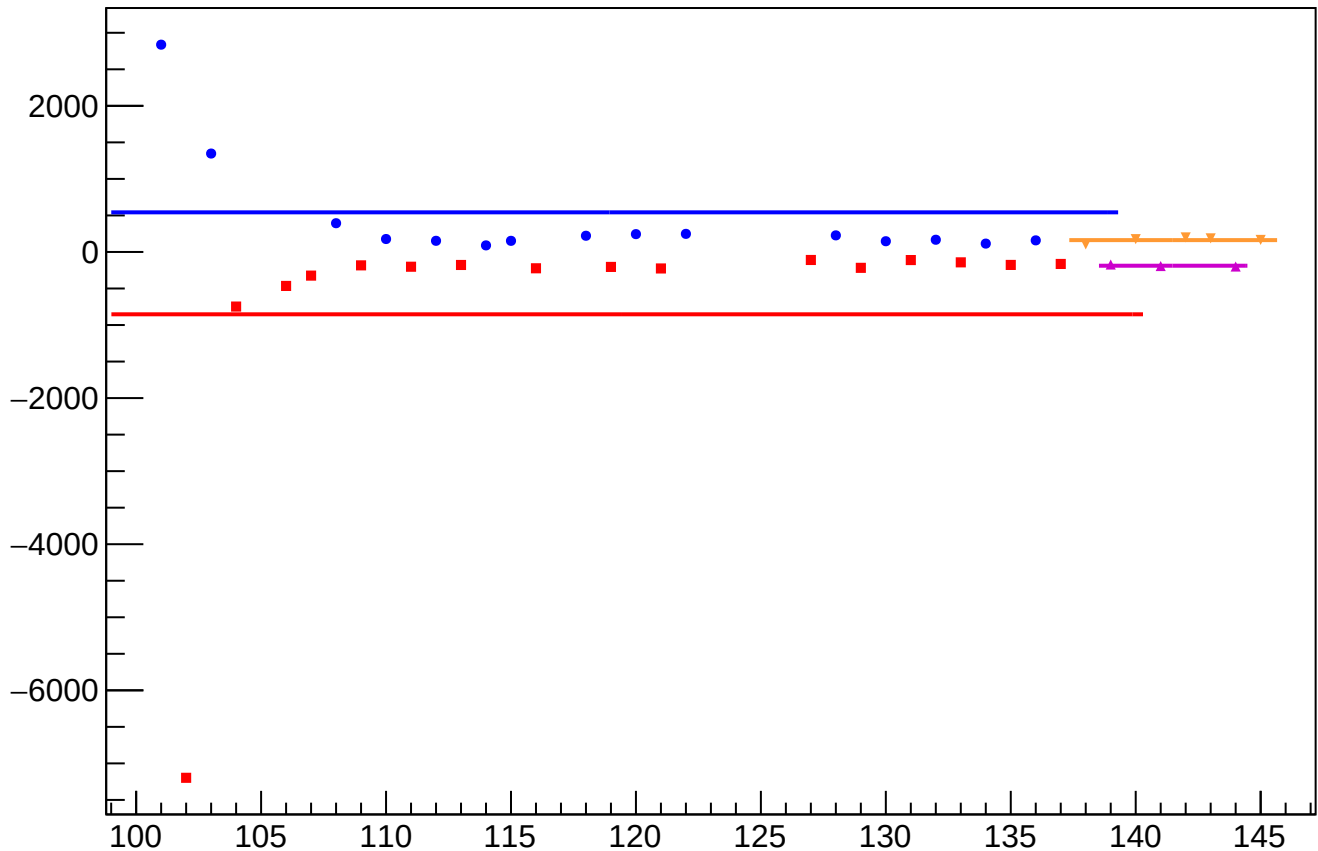
Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 285.050+/-0.000 χ^2/NDF : 3730236038821090521904953085174743040.0/4

Right Out: -191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

Left In: -443.146+/-0.000 χ^2/NDF : 2984134420788790881552283119665545216.0/2

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



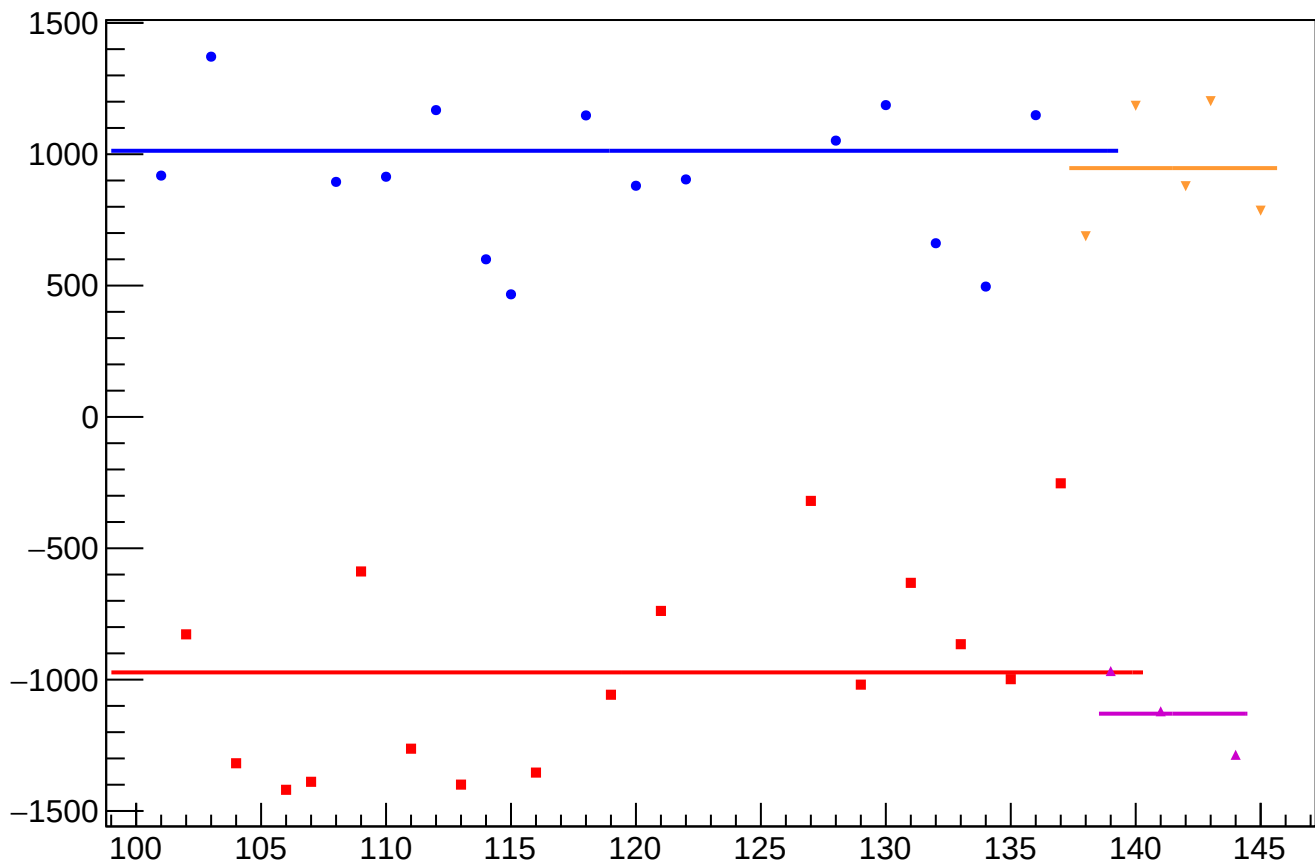
Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 162.160+/-0.000 χ^2/NDF : 388289893864848607634345116397731840.0/4

Right Out: -853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

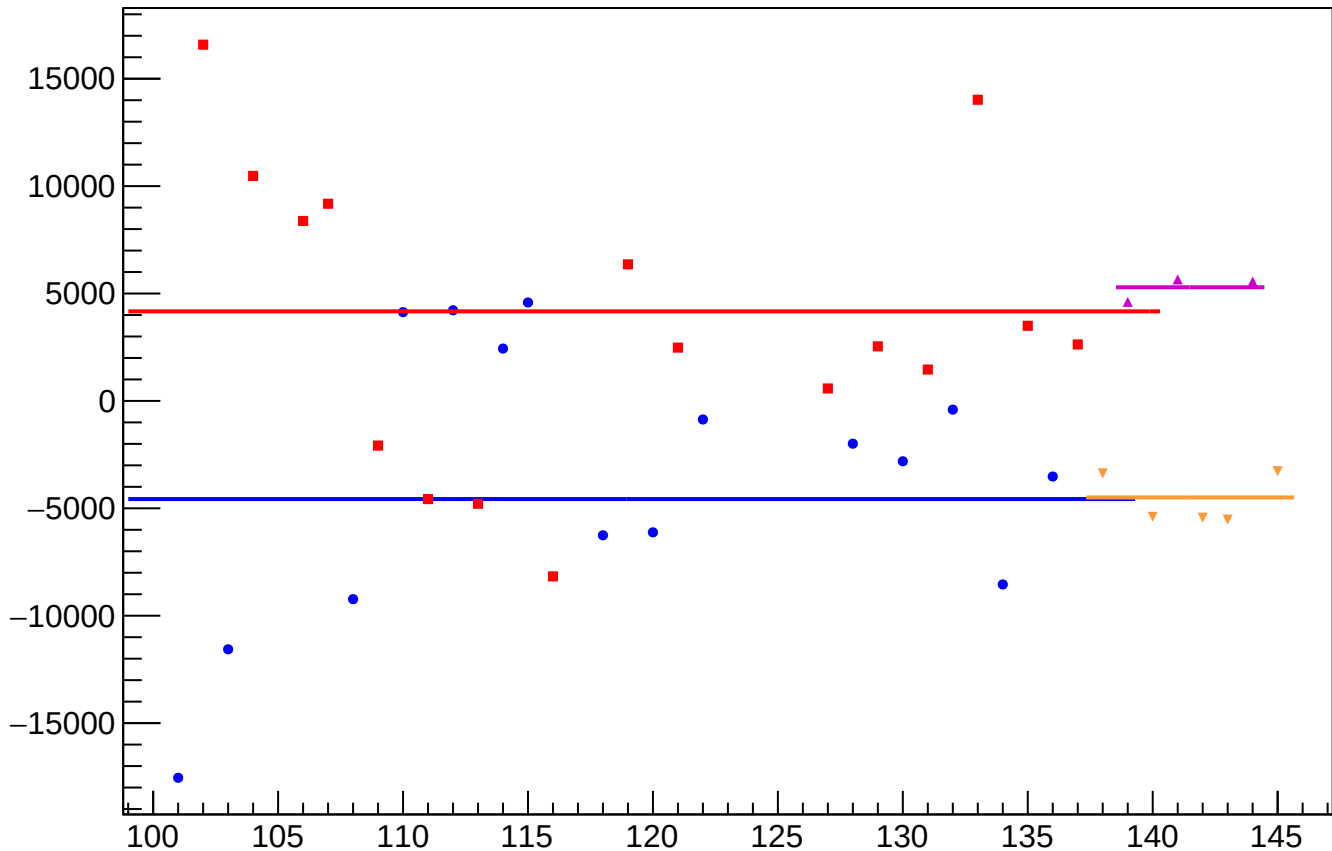
Left In: -188.260+/-0.000 χ^2/NDF : 34554565144422949382528334770995200.0/2

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



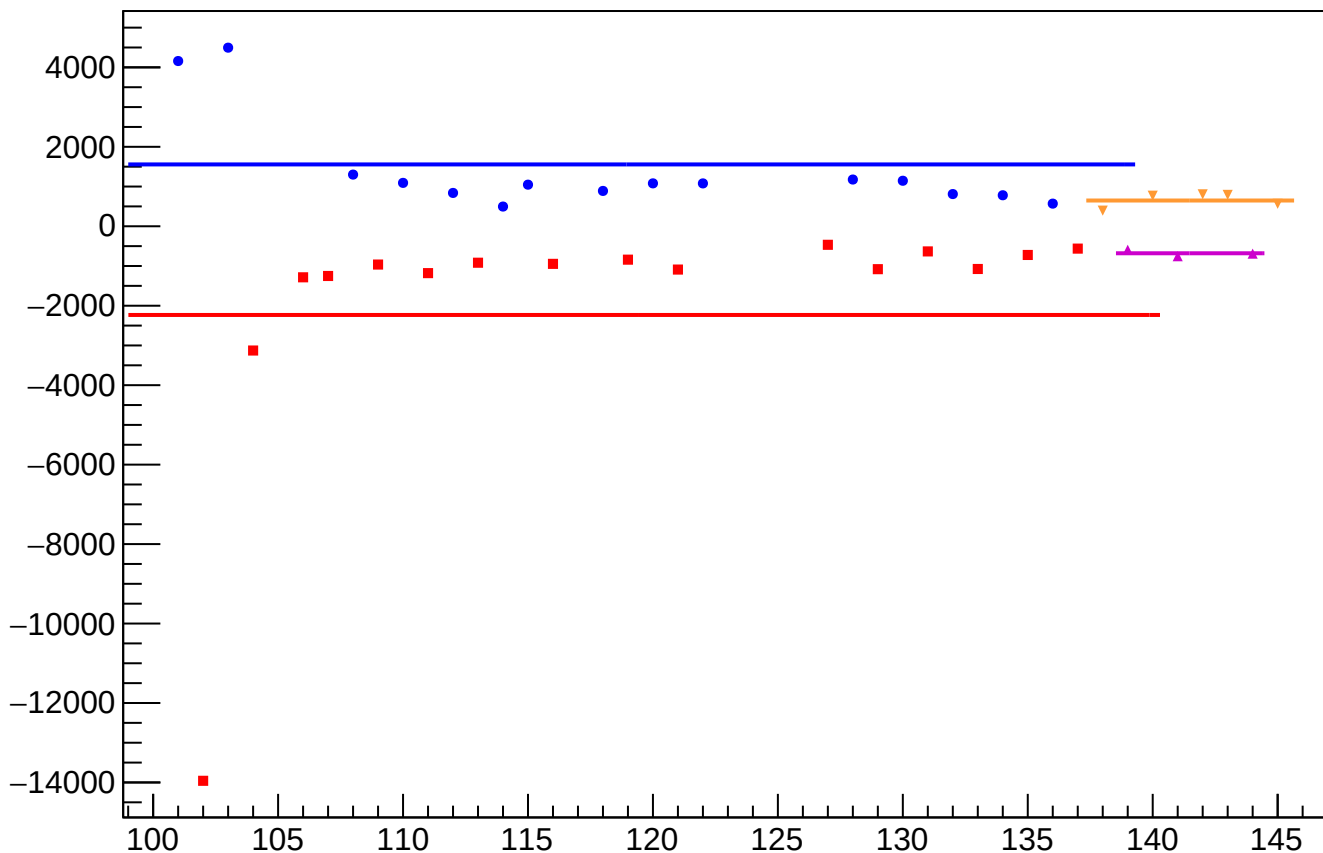
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 947.169+/-0.000	χ^2/NDF : 16560597897799017184411317963774230528.0/4
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: -1129.600+/-0.000	χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_atr2_coil6_mean vs Slug, Sign Corrected



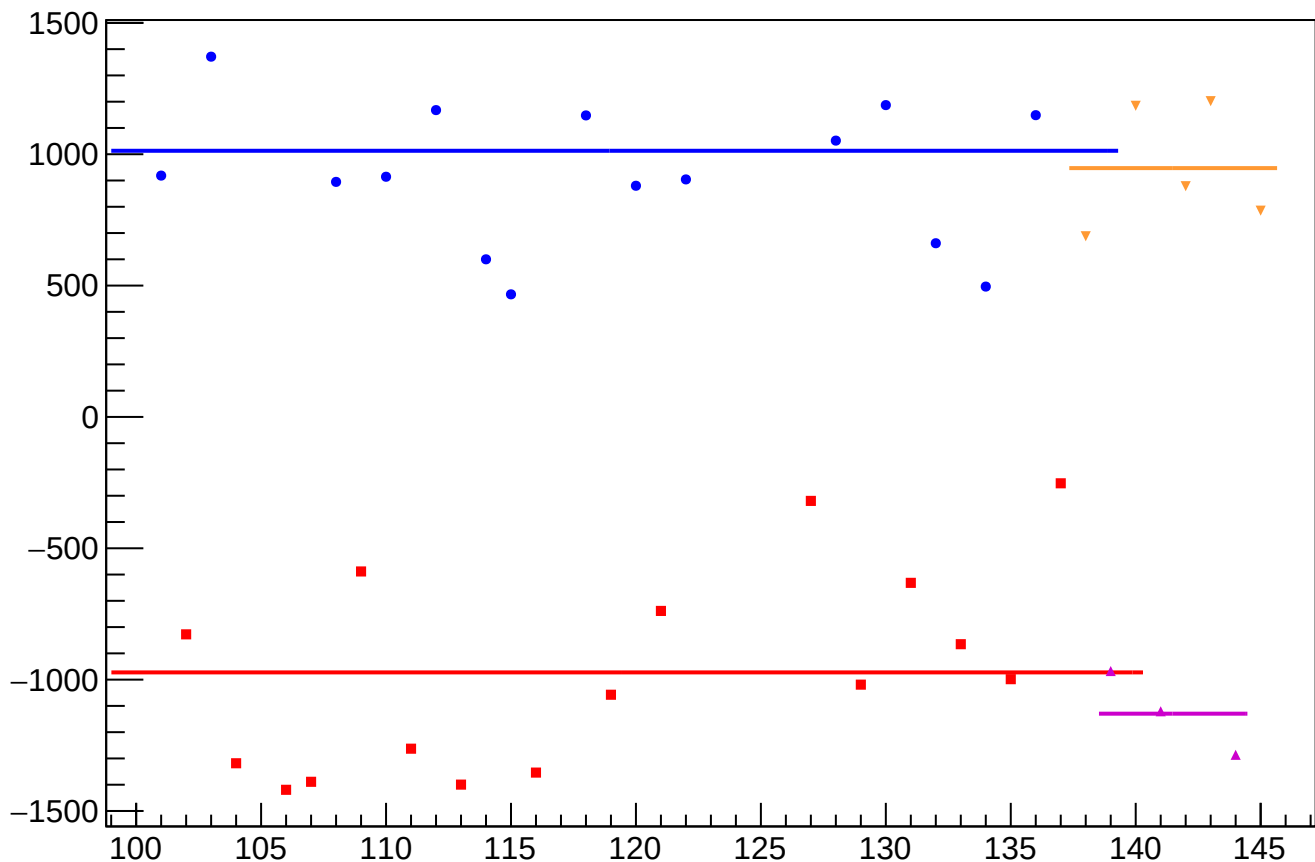
Right In: -4568.297 ± 0.000 $\chi^2/\text{NDF}: 24195052148165719540713110921977756909568.0/14$
 Left Out: -4494.163 ± 0.000 $\chi^2/\text{NDF}: 397944736171294955143209501779354976256.0/4$
 Right Out: 4170.773 ± 0.000 $\chi^2/\text{NDF}: 30967248832187912041113909559481103024128.0/15$
 Left In: 5290.398 ± 0.000 $\chi^2/\text{NDF}: 55324187449887330501695608195708354560.0/2$

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



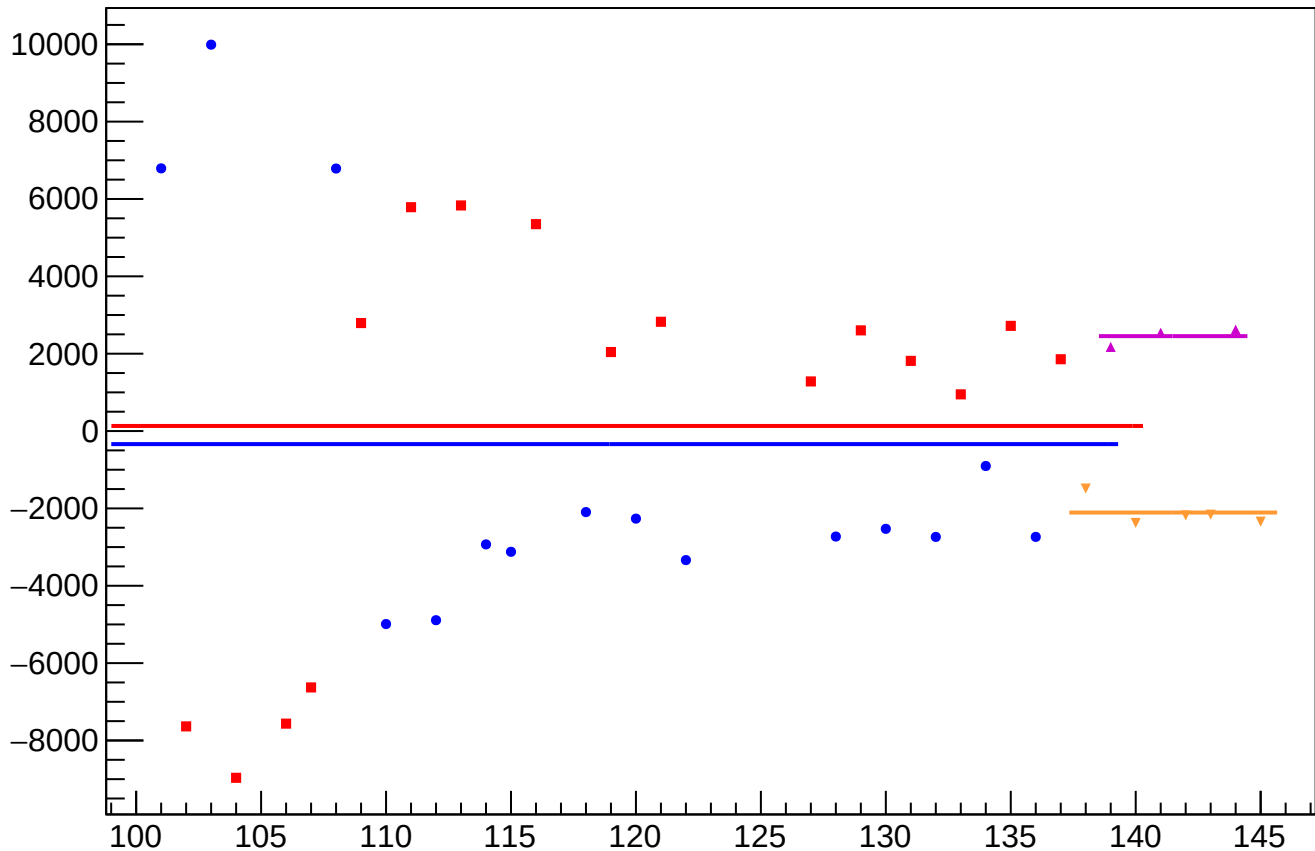
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 648.398+/-0.000 χ^2/NDF : 9297007713212731483288090786484191232.0/4
 Right Out: -2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: -679.710+/-0.000 χ^2/NDF : 1115641479380925566895033307921121280.0/2

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



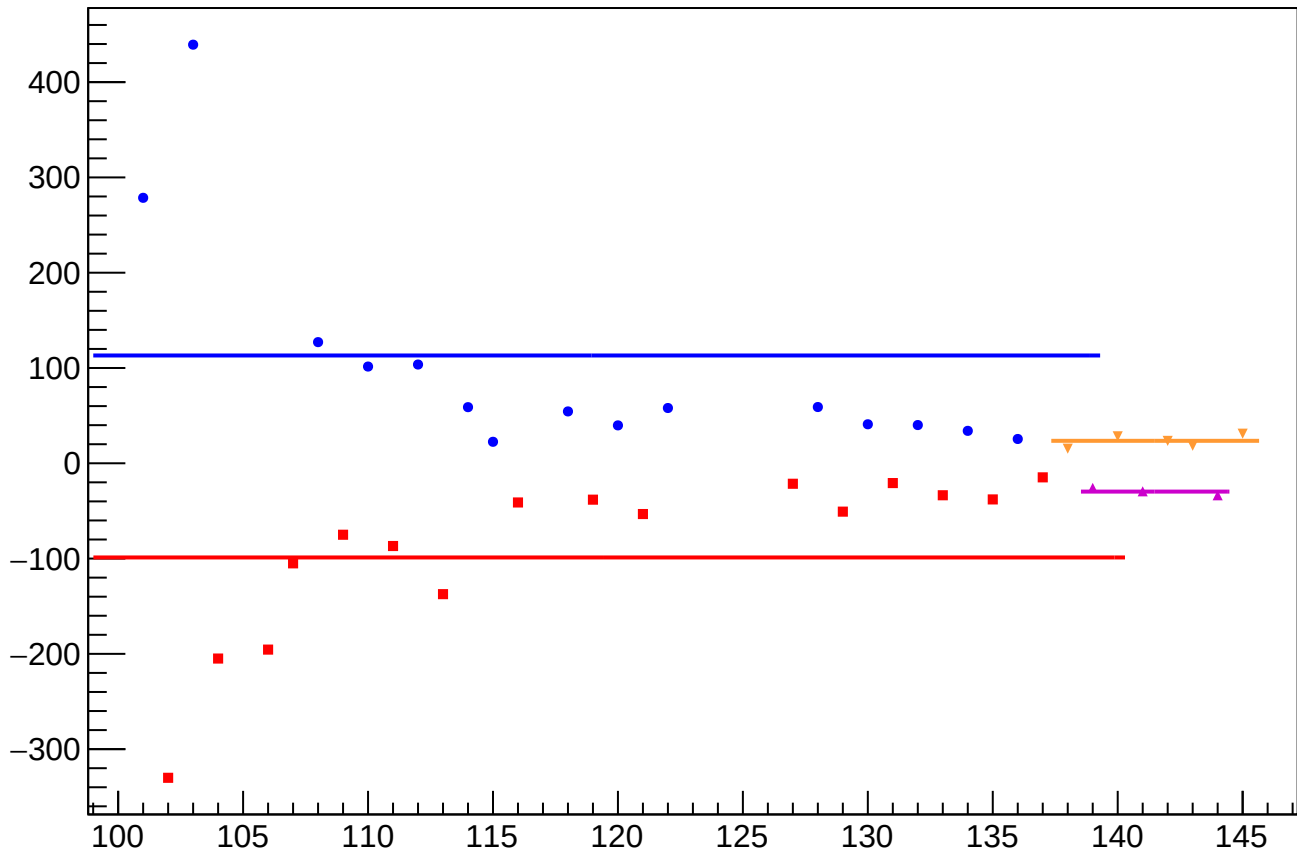
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 947.169 ± 0.000 χ^2/NDF : 16560597897799017184411317963774230528.0/4
 Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1129.600 ± 0.000 χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: -337.865 +/- 0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -2106.780 +/- 0.000 χ^2/NDF : 40833808051736911677642813040654024704.0/4
 Right Out: 131.545 +/- 0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Left In: 2453.840 +/- 0.000 χ^2/NDF : 9473368181706755096591200691882557440.0/2

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



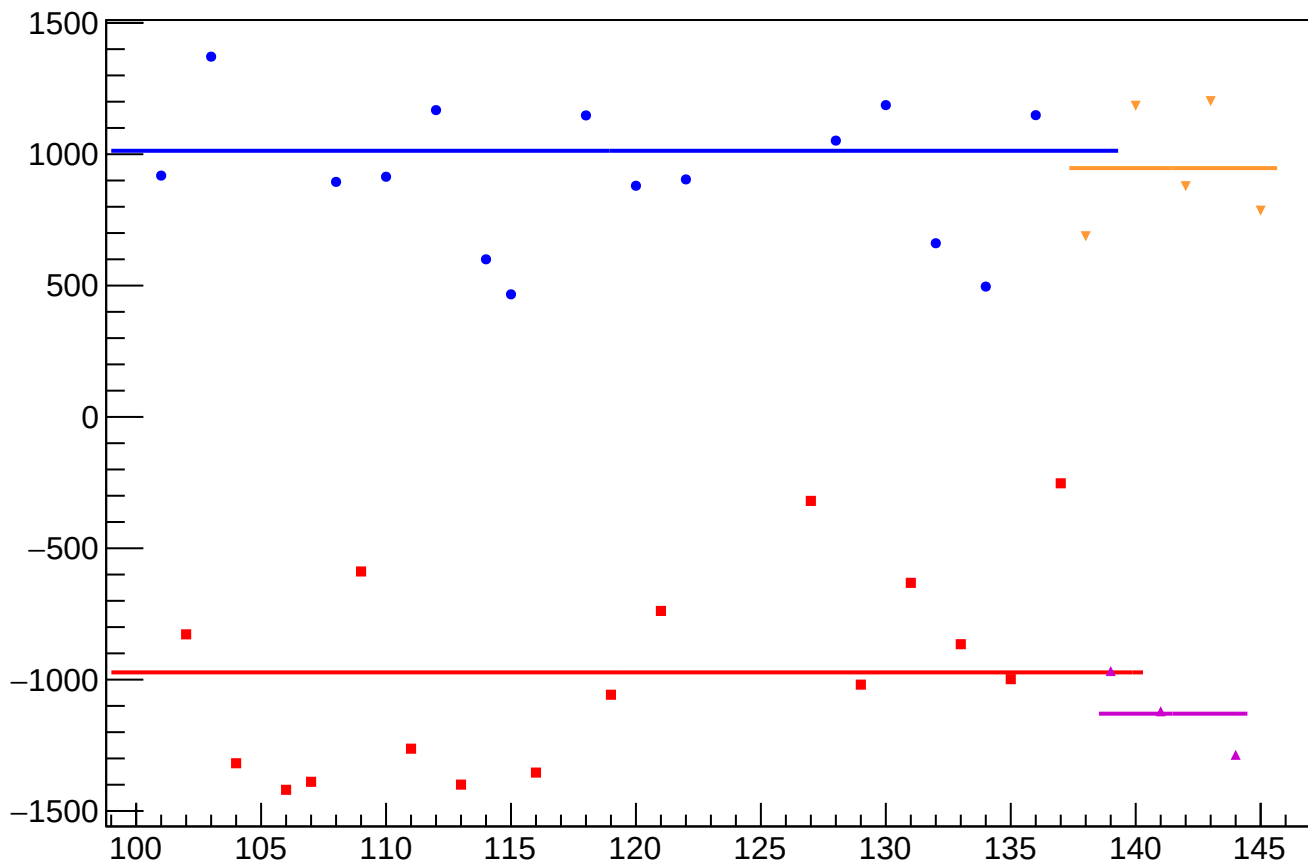
Right In: 113.134 +/- 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14

Left Out: 23.572 +/- 0.000 χ^2/NDF : 13443303693517832621615818842570752.0/4

Right Out: -98.833 +/- 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15

Left In: -29.715 +/- 0.000 χ^2/NDF : 2588237990004248238663738979254272.0/2

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



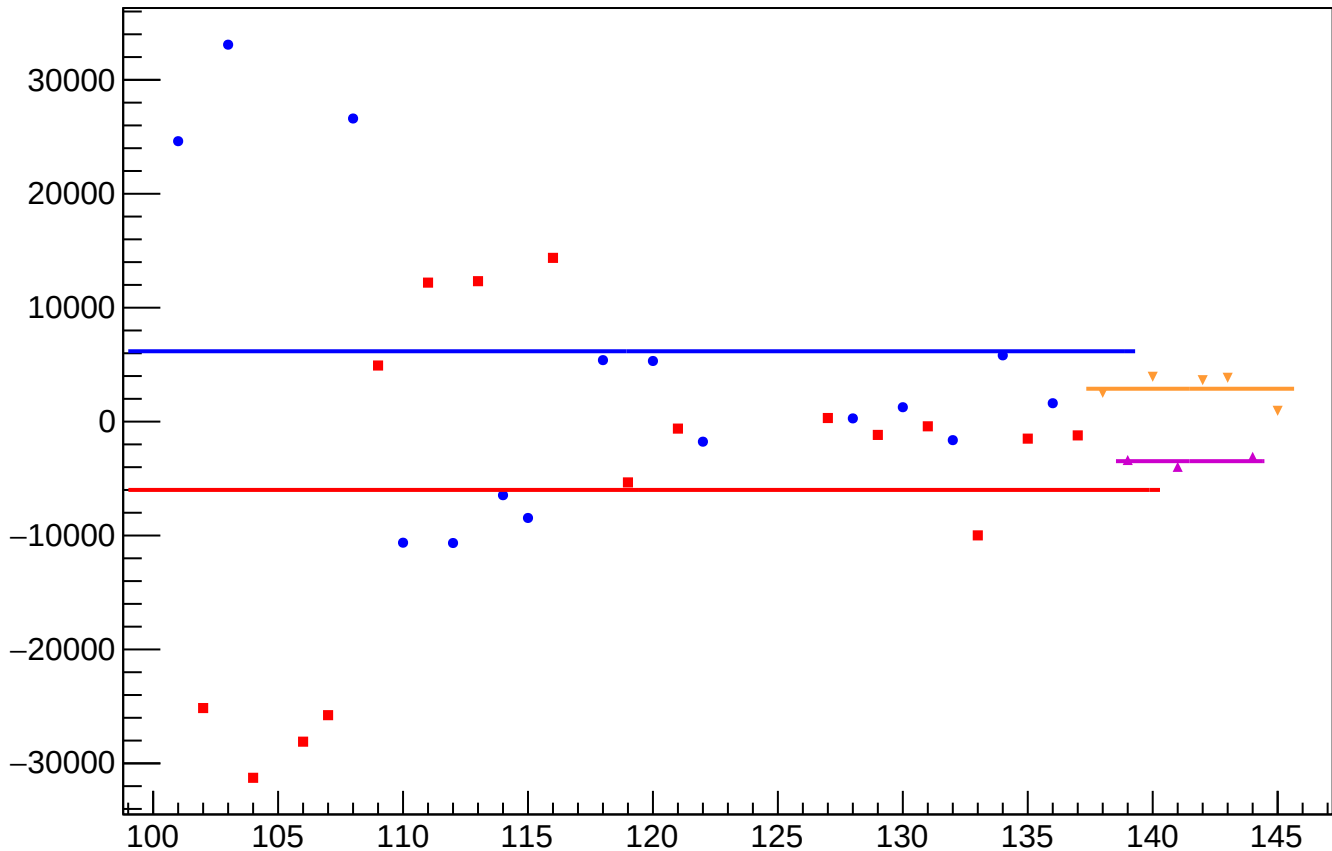
Right In: 1013.146 ± 0.000 $\chi^2/NDF: 31721270909522099205936100724856324096.0/14$

Left Out: 947.169 ± 0.000 $\chi^2/NDF: 16560597897799017184411317963774230528.0/4$

Right Out: -972.465 ± 0.000 $\chi^2/NDF: 78884457200782655962756069915468234752.0/15$

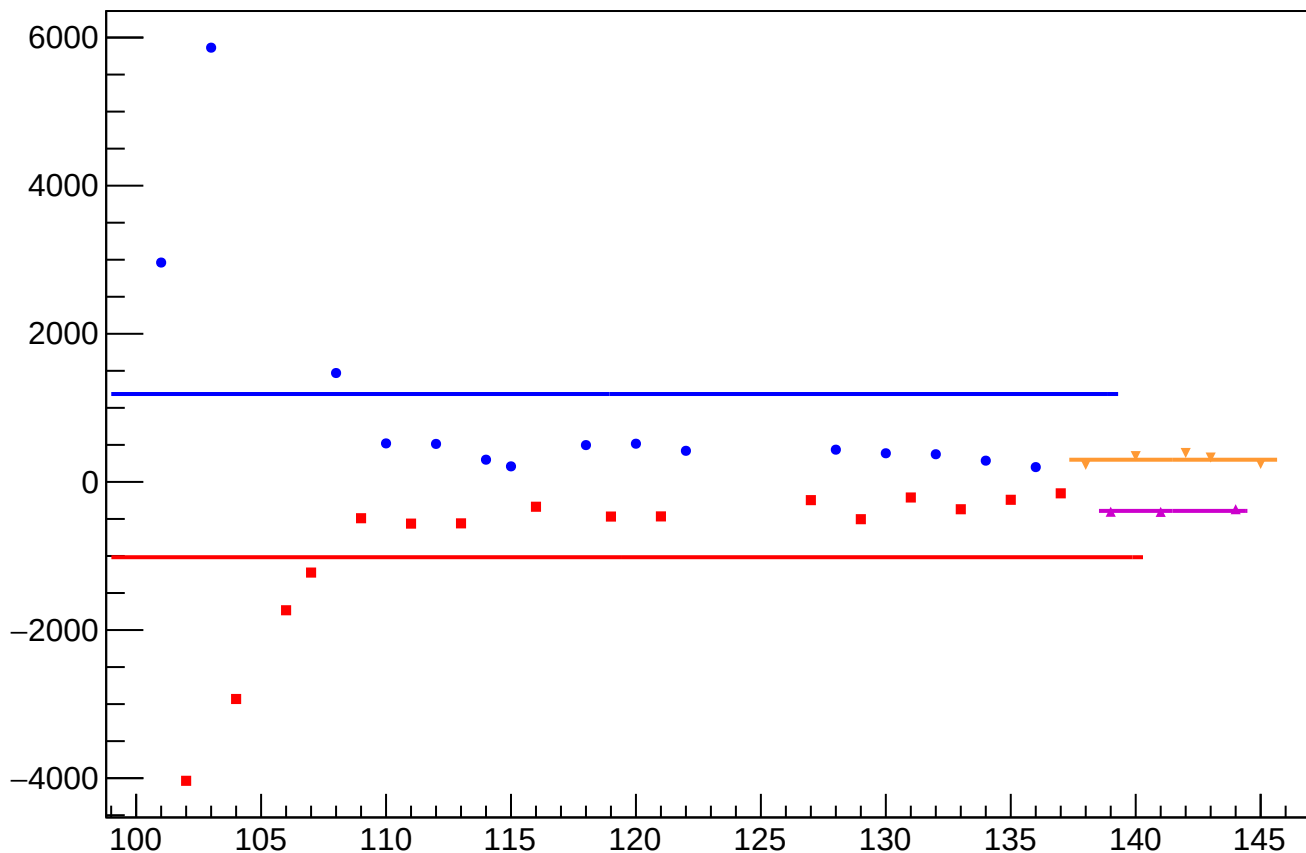
Left In: -1129.600 ± 0.000 $\chi^2/NDF: 4322028015098784947615018931883868160.0/2$

dit_sam2_coil6_mean vs Slug, Sign Corrected



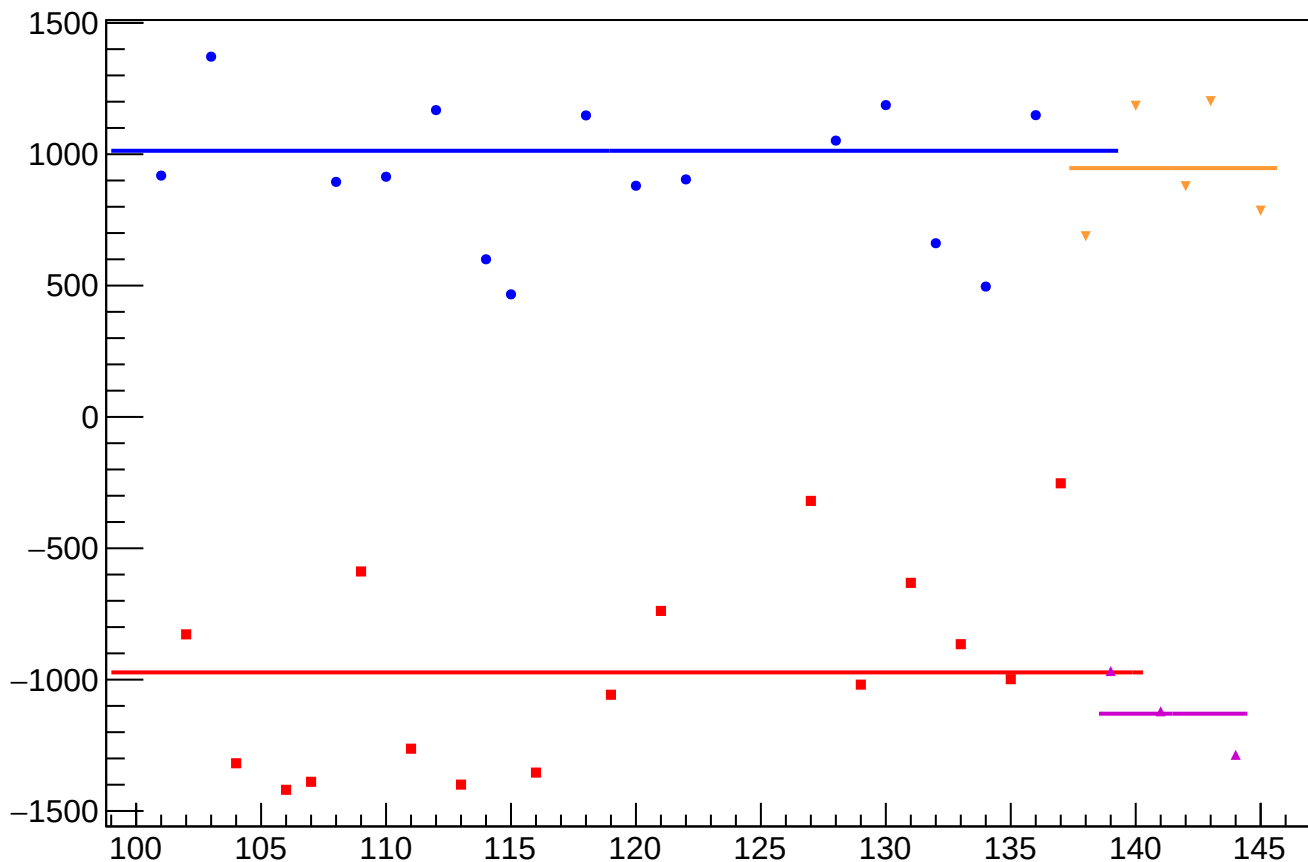
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 2885.303+/-0.000 χ^2/NDF : 492653314758777579183953339132021833728.0/4
 Right Out: -5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: -3471.817+/-0.000 χ^2/NDF : 35079338690669410615818990807133716480.0/2

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1186.846 +/- 0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 299.686 +/- 0.000 χ^2/NDF : 1269386657799303162776302892680740864.0/4
 Right Out: -1016.732 +/- 0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: -391.305 +/- 0.000 χ^2/NDF : 71928950482361084596048182879715328.0/2

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



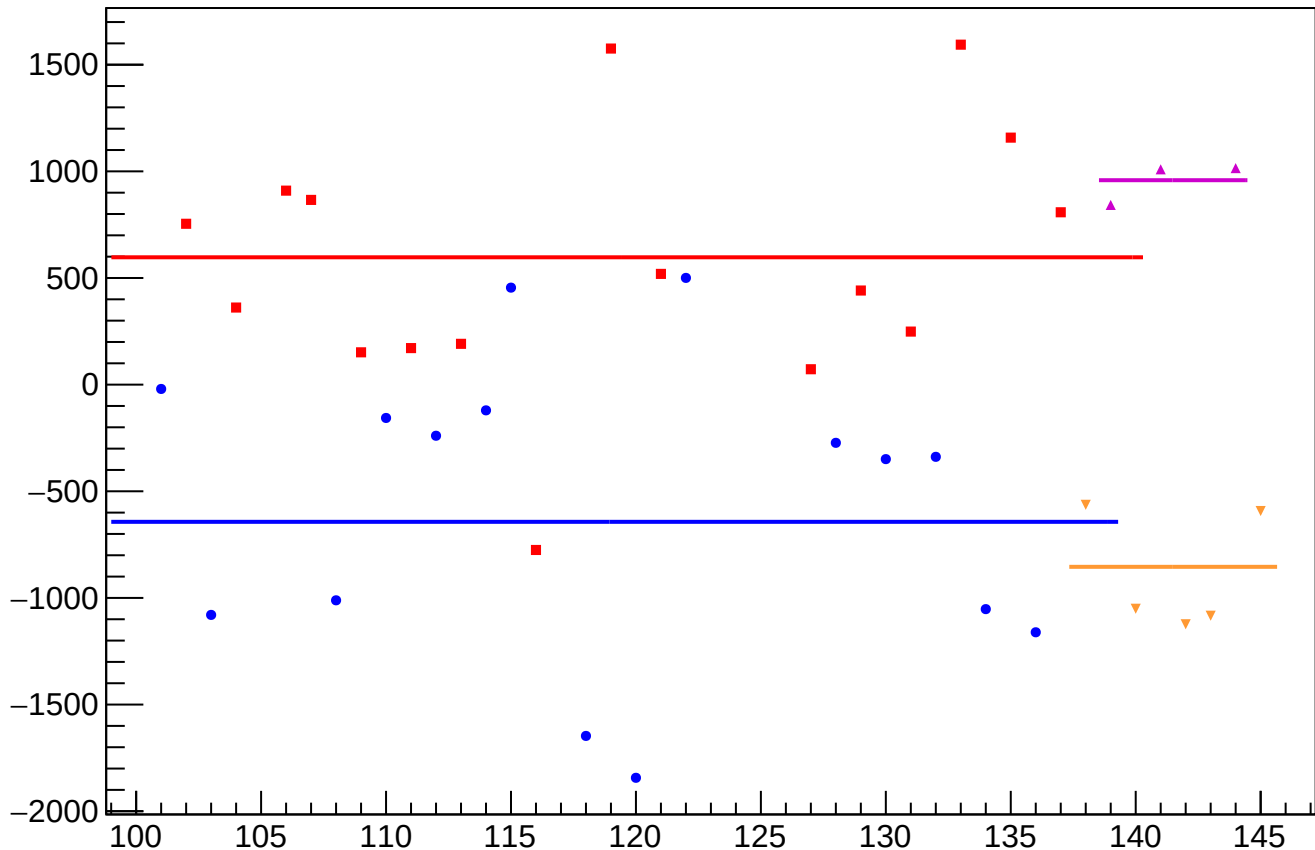
Right In: 1013.146 ± 0.000 $\chi^2/NDF: 31721270909522099205936100724856324096.0/14$

Left Out: 947.169 ± 0.000 $\chi^2/NDF: 16560597897799017184411317963774230528.0/4$

Right Out: -972.465 ± 0.000 $\chi^2/NDF: 78884457200782655962756069915468234752.0/15$

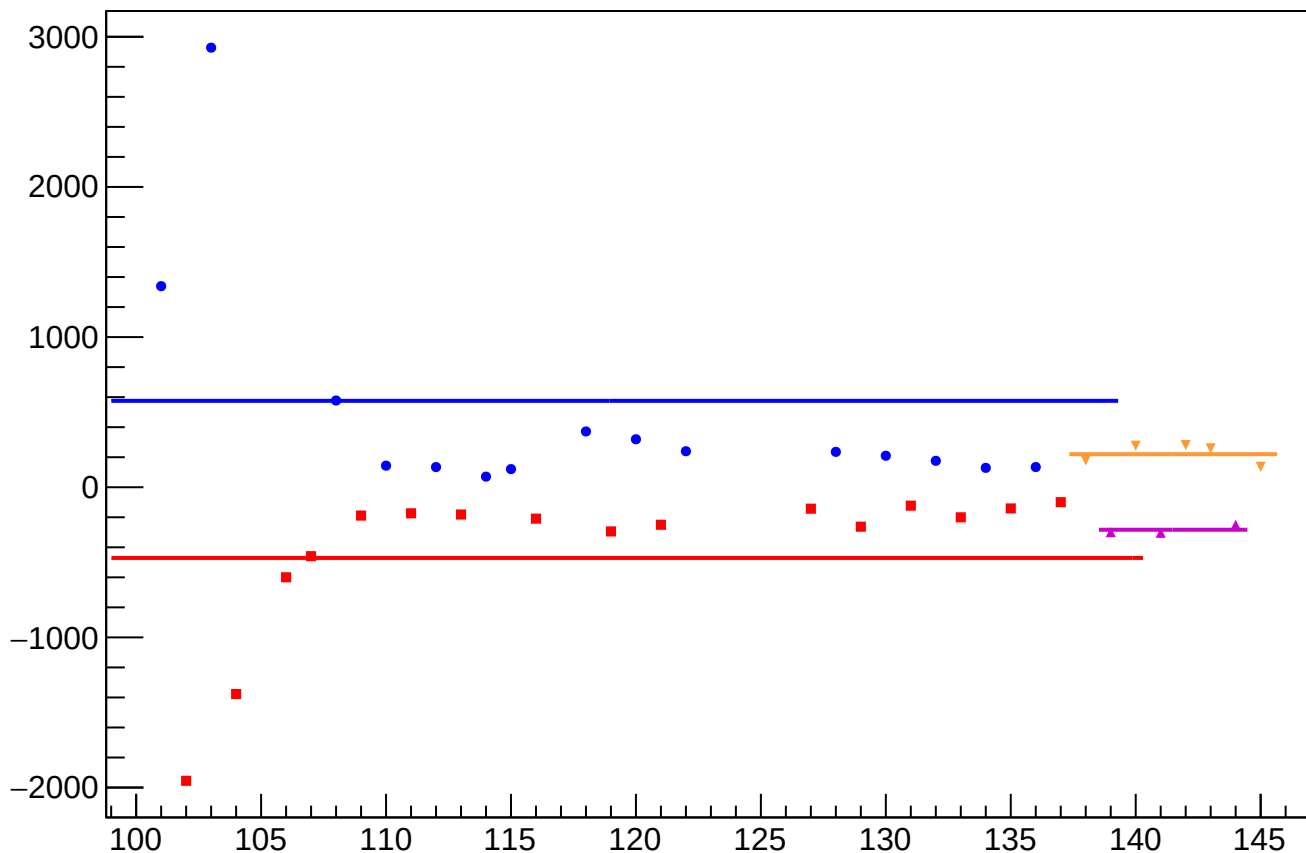
Left In: -1129.600 ± 0.000 $\chi^2/NDF: 4322028015098784947615018931883868160.0/2$

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -643.217 ± 0.000 $\chi^2/\text{NDF}: 272726964608206694027285159784925364224.0/14$
 Left Out: -854.182 ± 0.000 $\chi^2/\text{NDF}: 22164800794317838551117362575708258304.0/4$
 Right Out: 597.043 ± 0.000 $\chi^2/\text{NDF}: 210733370798031449363504004319005376512.0/15$
 Left In: 958.480 ± 0.000 $\chi^2/\text{NDF}: 1594960956922009065432488987982823424.0/2$

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



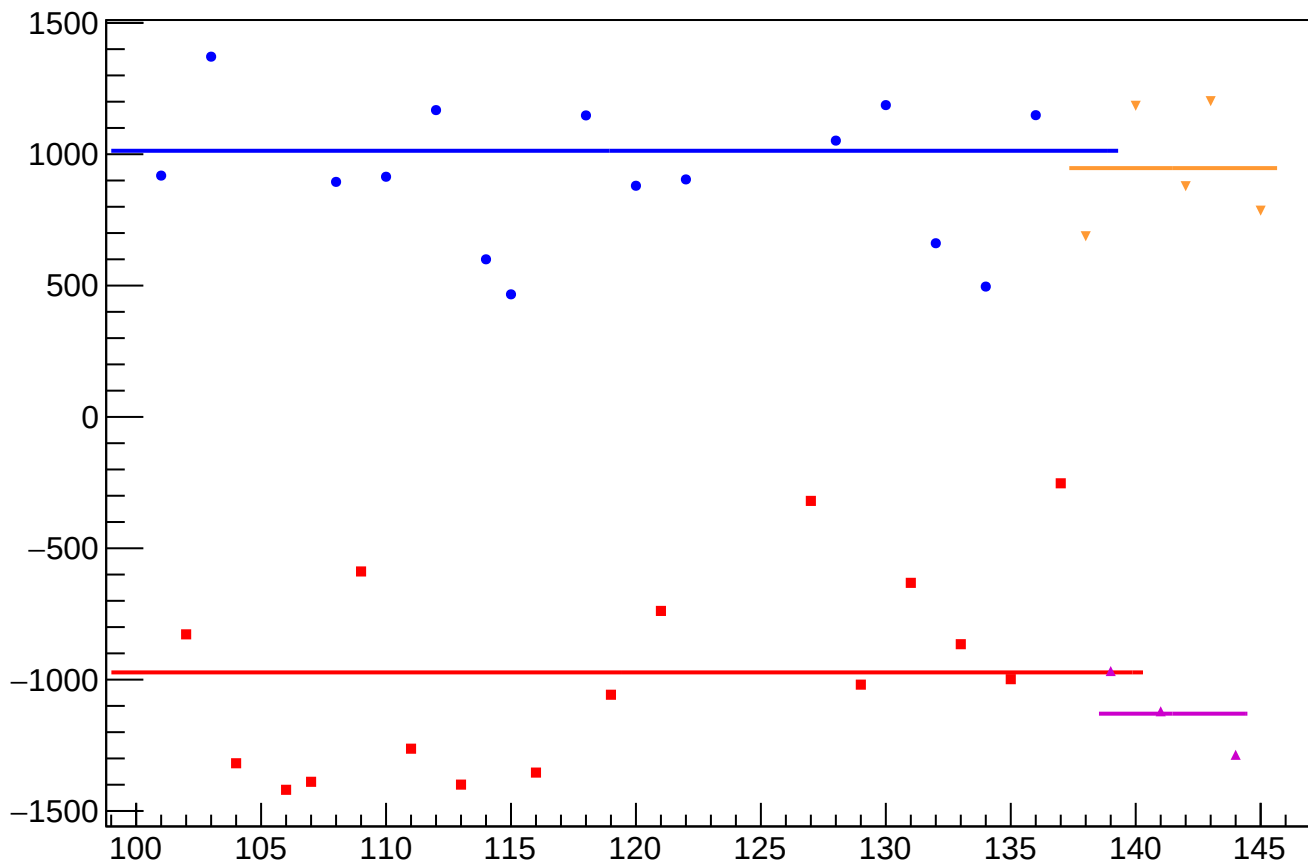
Right In: 575.526 +/- 0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

Left Out: 220.258 +/- 0.000 χ^2/NDF : 1237007781455918681927736750292074496.0/4

Right Out: -470.716 +/- 0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

Left In: -283.074 +/- 0.000 χ^2/NDF : 155794757972046171301576795284832256.0/2

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



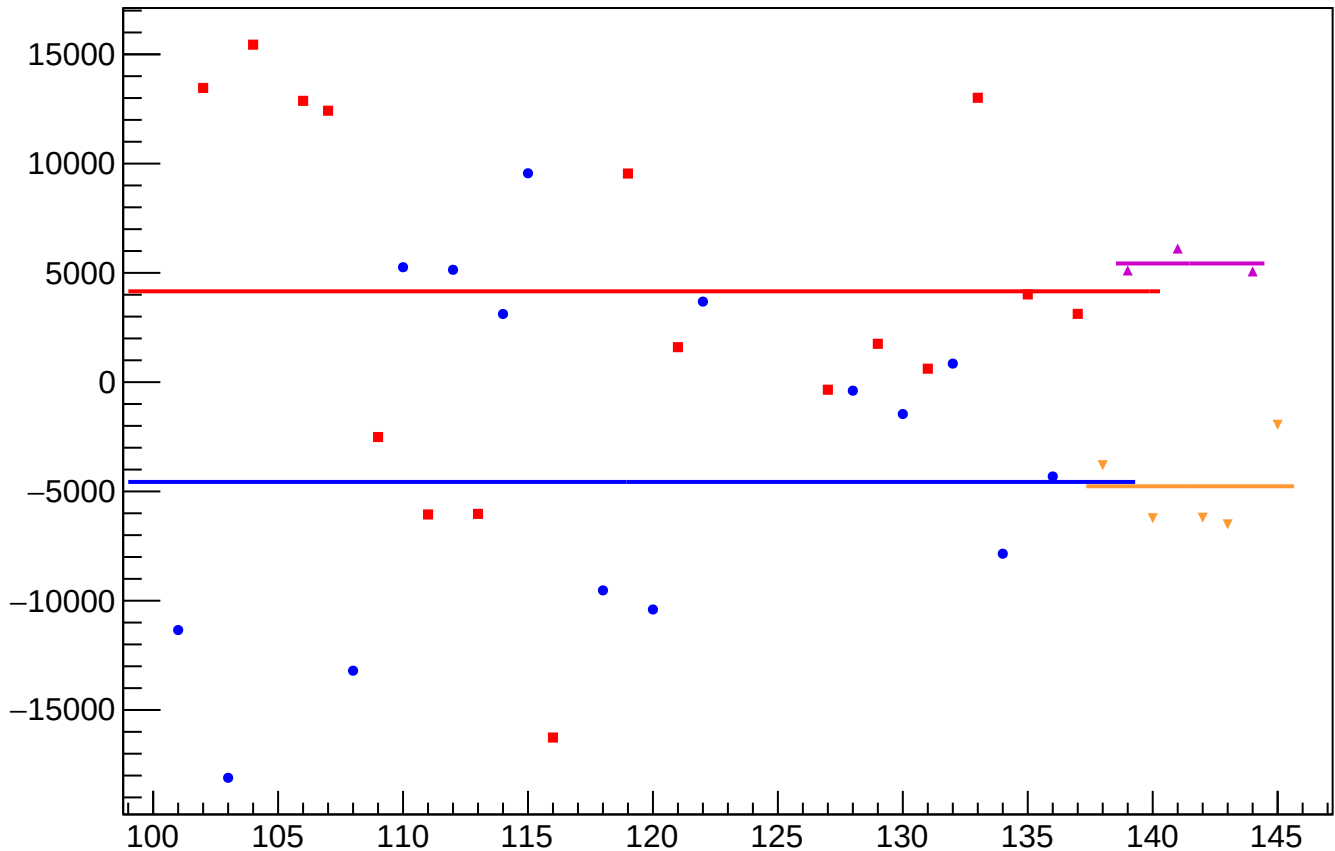
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 947.169+/-0.000 χ^2/NDF : 16560597897799017184411317963774230528.0/4

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

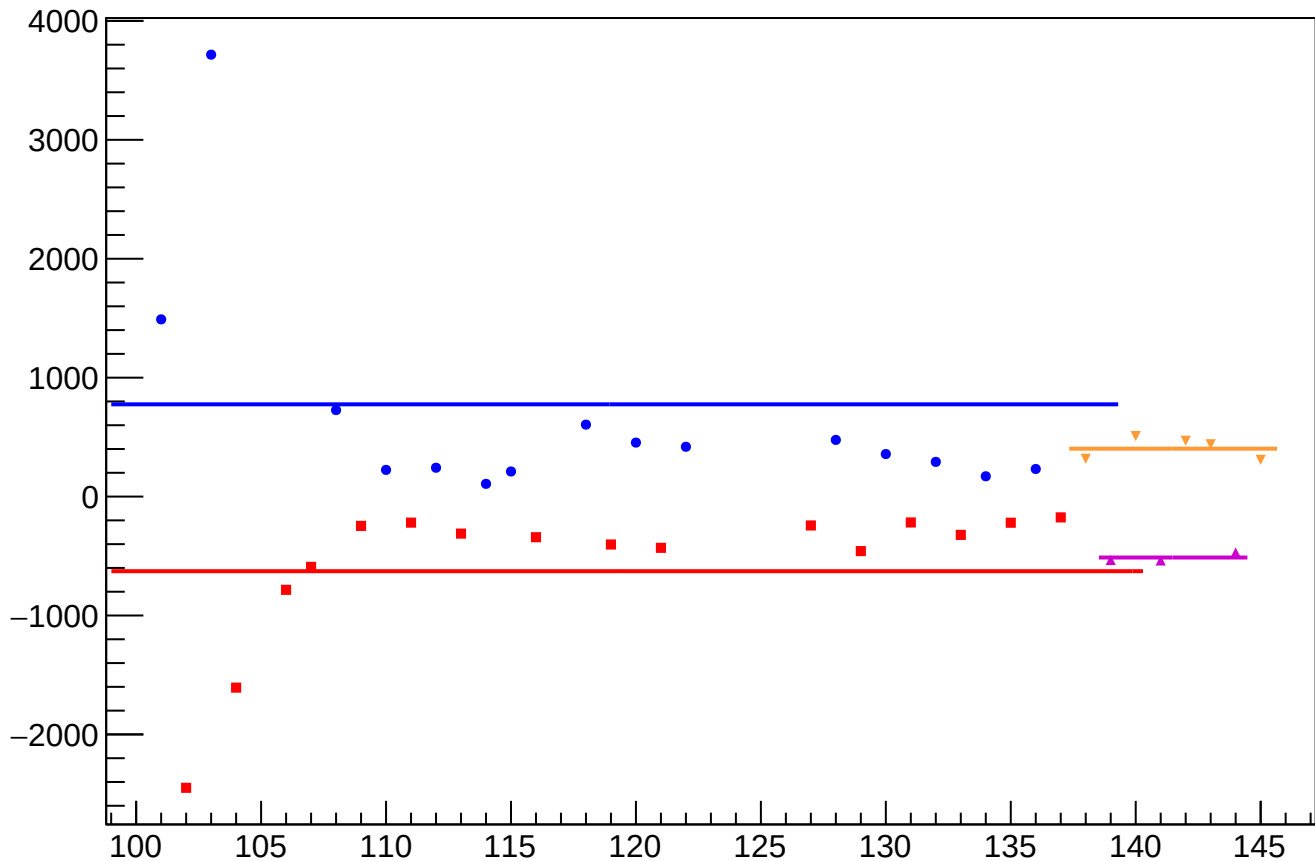
Left In: -1129.600+/-0.000 χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4565.412+/-0.000	χ^2/NDF : 35667768247432289984899042725155487875072.0/14
Left Out: -4763.500+/-0.000	χ^2/NDF : 1187061583589857631356244459677168959488.0/4
Right Out: 4156.859+/-0.000	χ^2/NDF : 45539455441659927157708443099930682195968.0/15
Left In: 5430.310+/-0.000	χ^2/NDF : 59783716626842876031632506386498191360.0/2

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



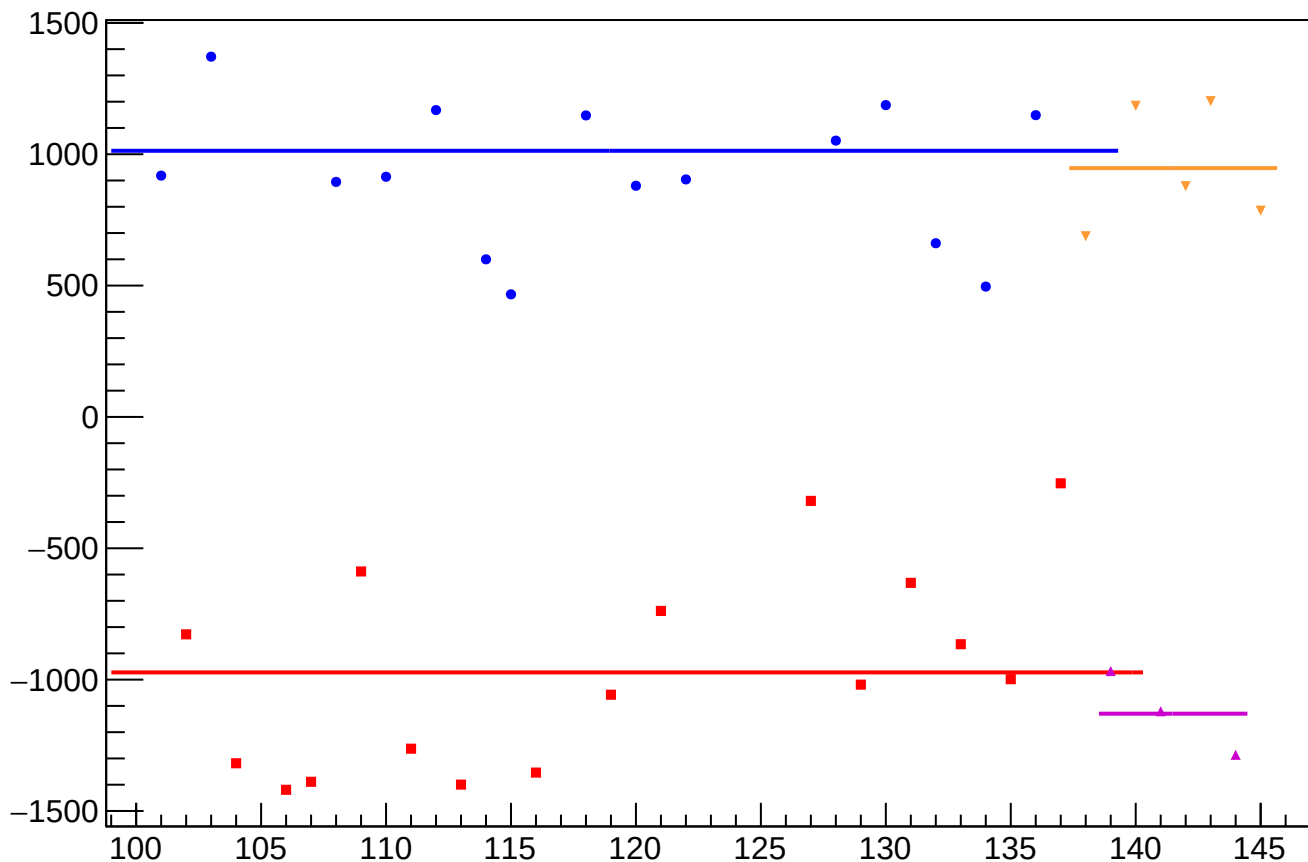
Right In: 775.824 +/- 0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 402.918 +/- 0.000 χ^2/NDF : 2489218493362644715545805760369786880.0/4

Right Out: -627.315 +/- 0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

Left In: -512.440 +/- 0.000 χ^2/NDF : 252140103856882239843349088176177152.0/2

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



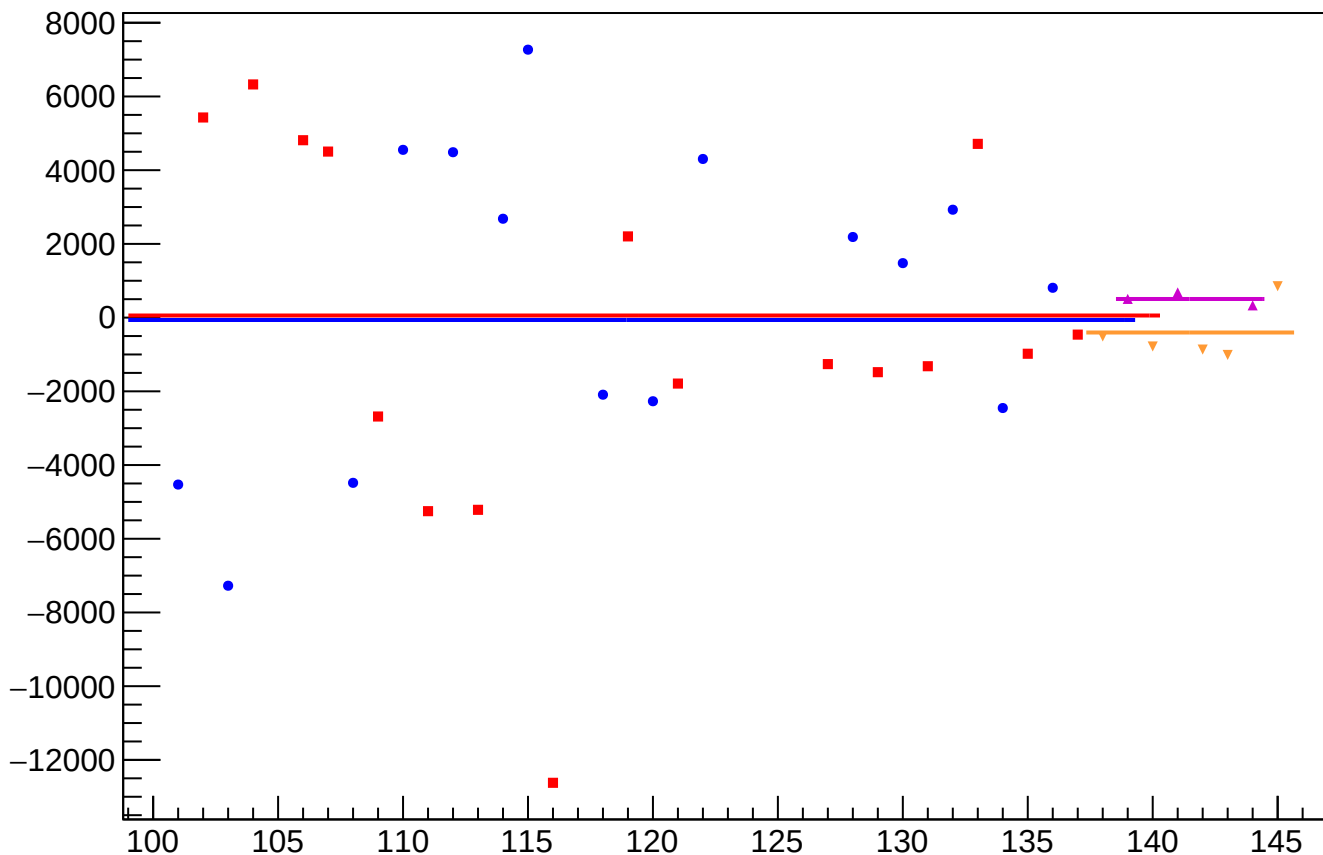
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 947.169+/-0.000 χ^2/NDF : 16560597897799017184411317963774230528.0/4

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000 χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_sam5_coil6_mean vs Slug, Sign Corrected



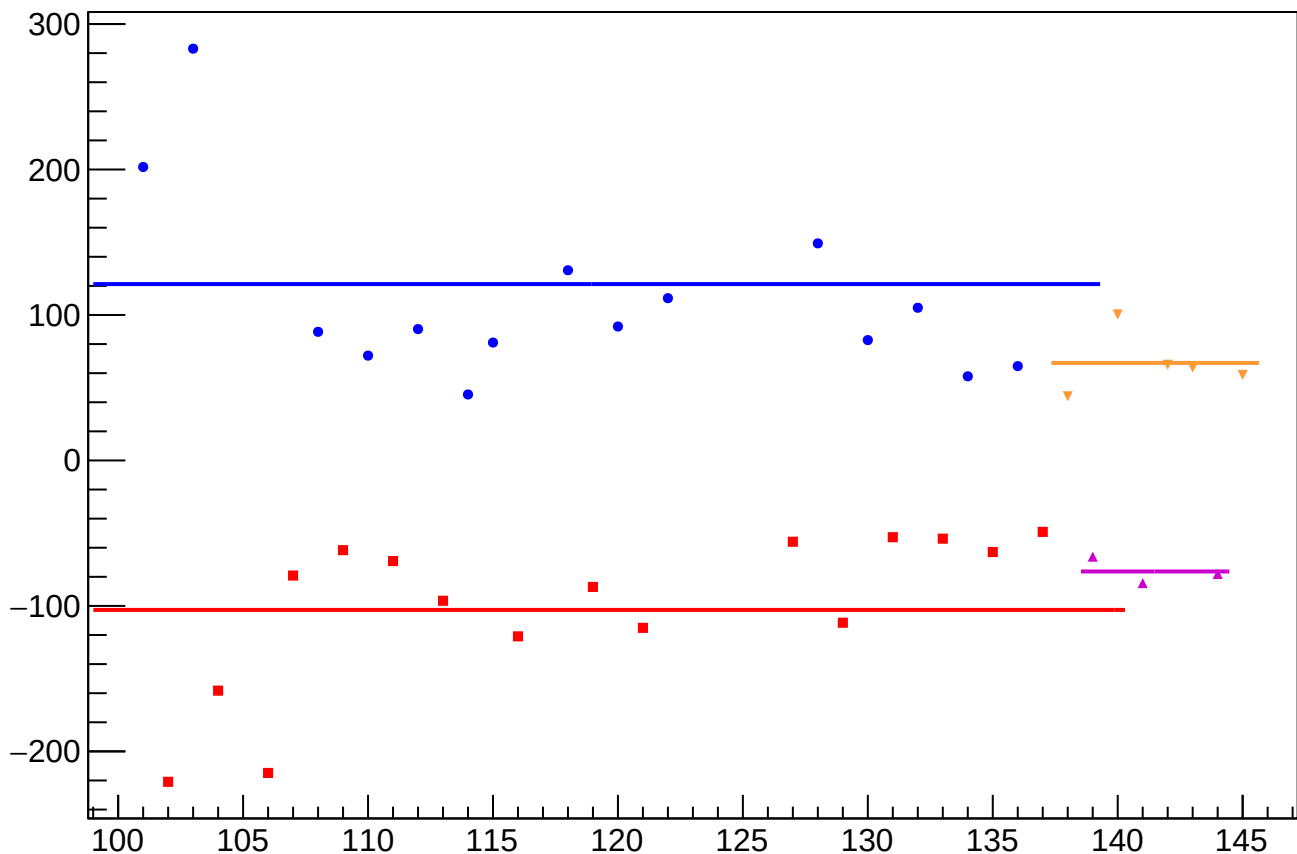
Right In: -64.751 ± 0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -403.925 ± 0.000 χ^2/NDF : 175004251271916438881041235738865172480.0/4

Right Out: 57.229 ± 0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

Left In: 505.306 ± 0.000 χ^2/NDF : 5385311615097107232467818228068909056.0/2

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



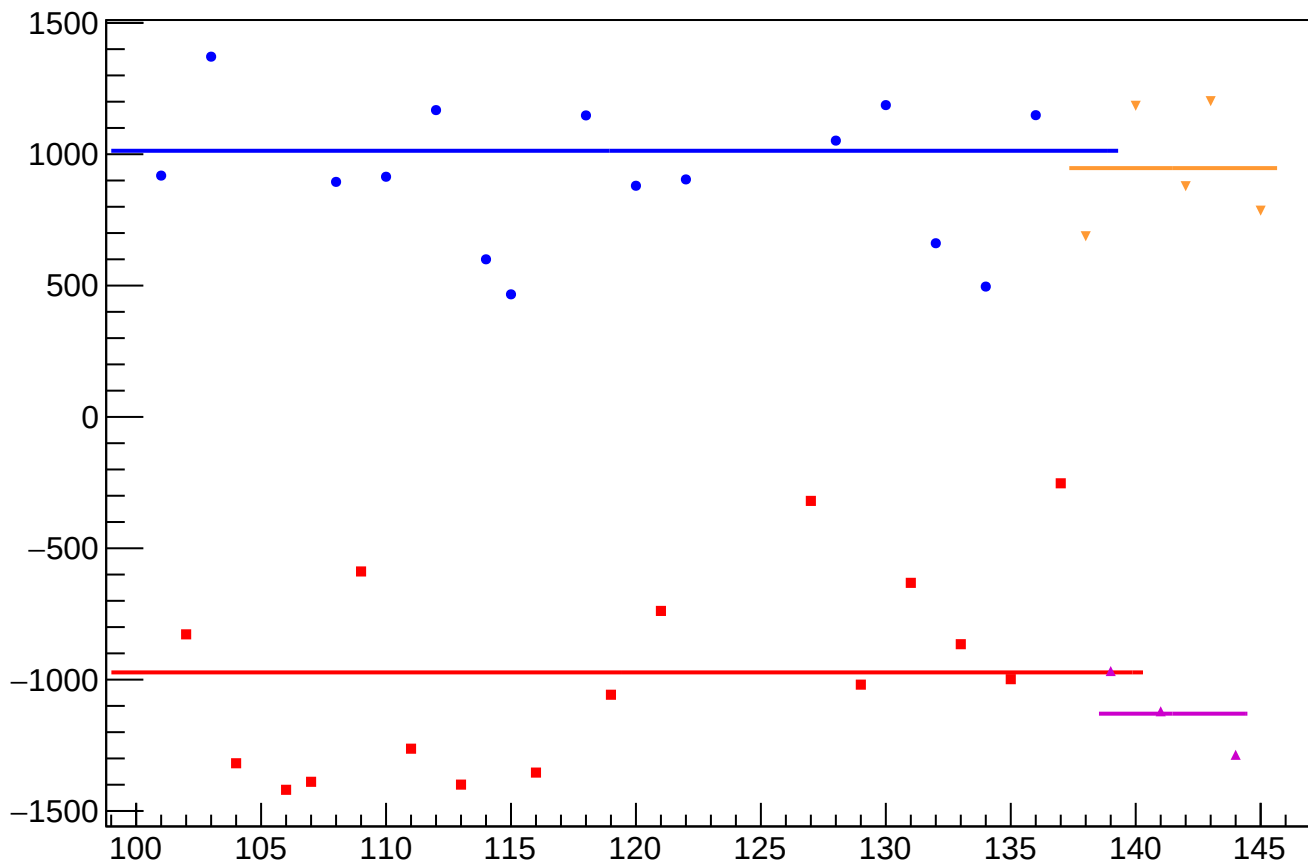
Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

Left Out: 67.045+/-0.000 χ^2/NDF : 138441762560230114006081615469477888.0/4

Right Out: -102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15

Left In: -76.330+/-0.000 χ^2/NDF : 14114379972842831050811447992909824.0/2

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



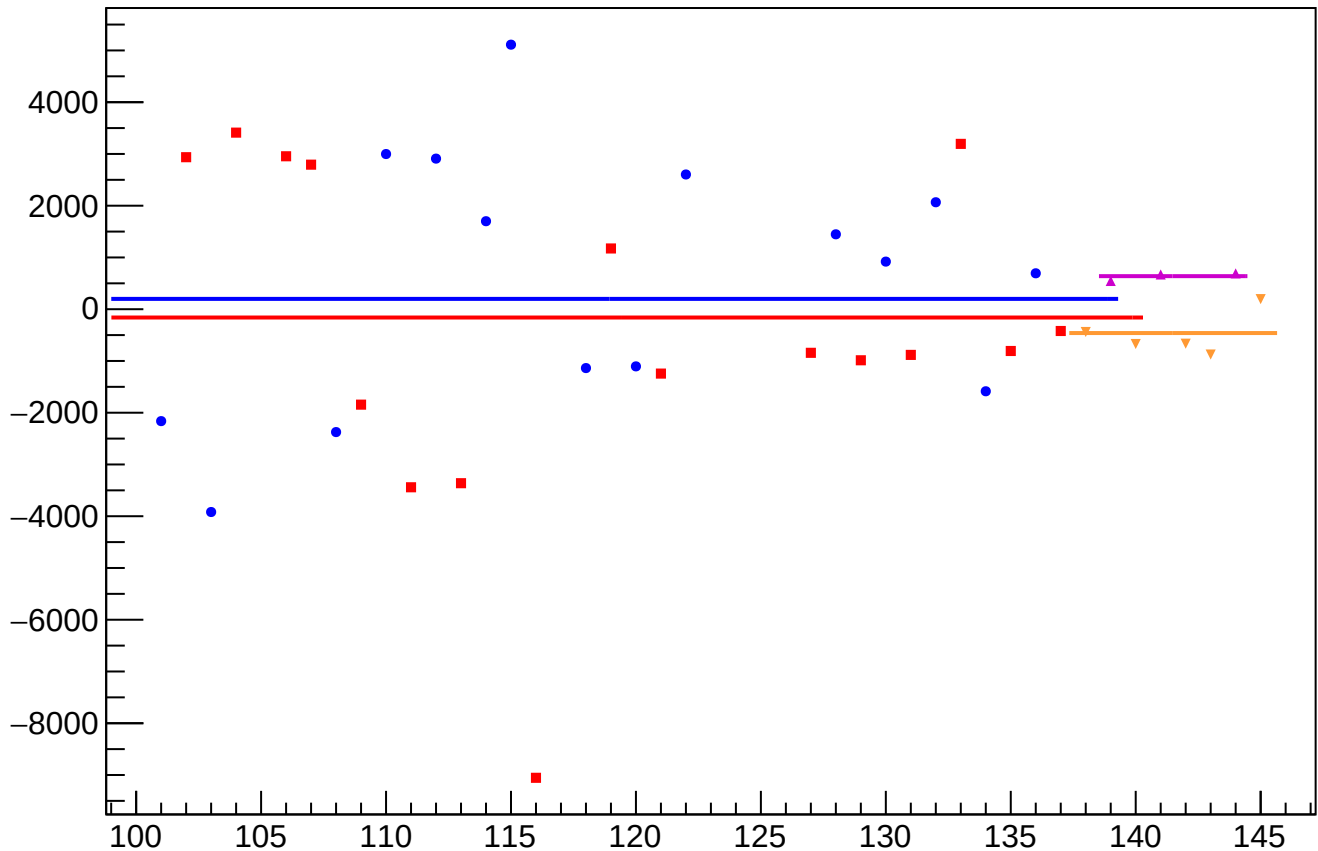
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 947.169 ± 0.000 χ^2/NDF : 16560597897799017184411317963774230528.0/4

Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

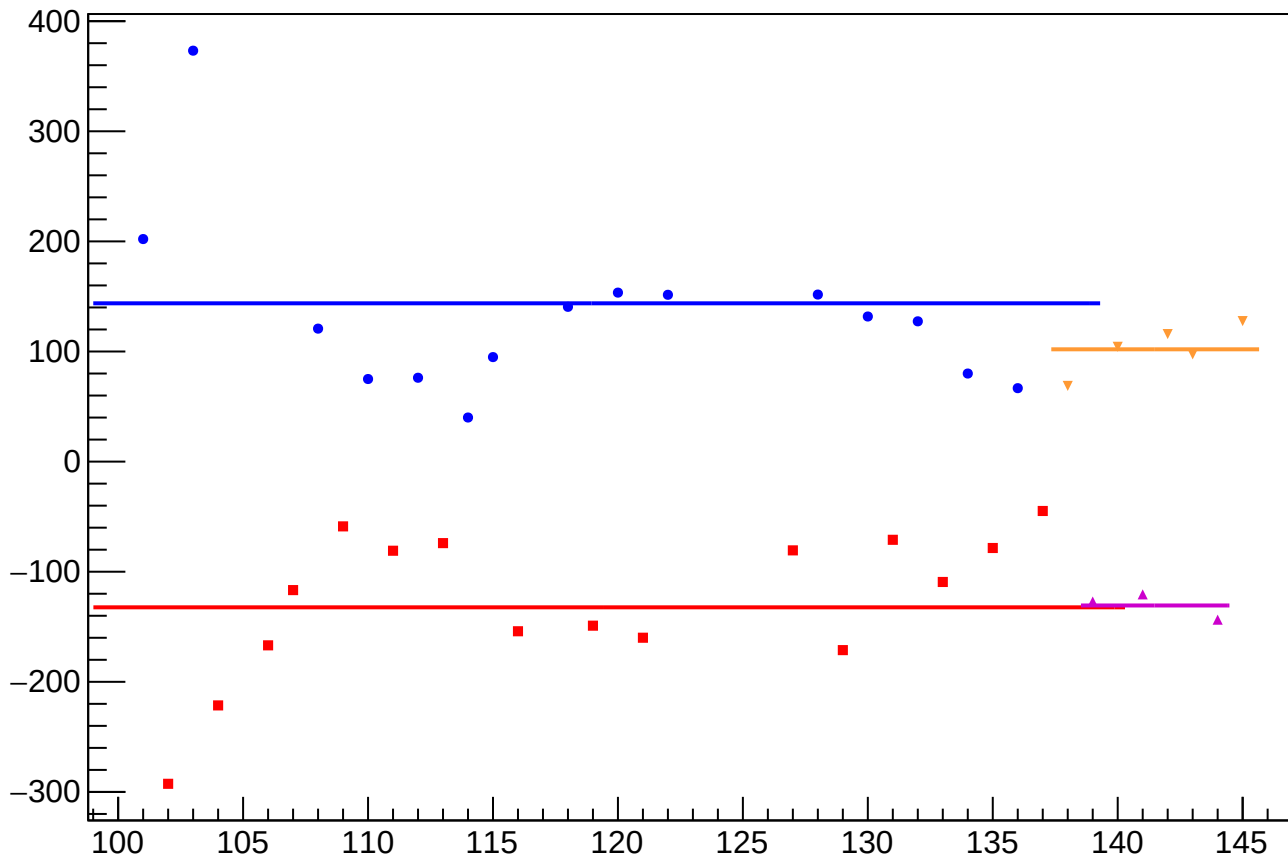
Left In: -1129.600 ± 0.000 χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -460.553+/-0.000 χ^2/NDF : 51988634801370606593786089813120647168.0/4
 Right Out: -160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: 638.751+/-0.000 χ^2/NDF : 1044585378722040382456543403761991680.0/2

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



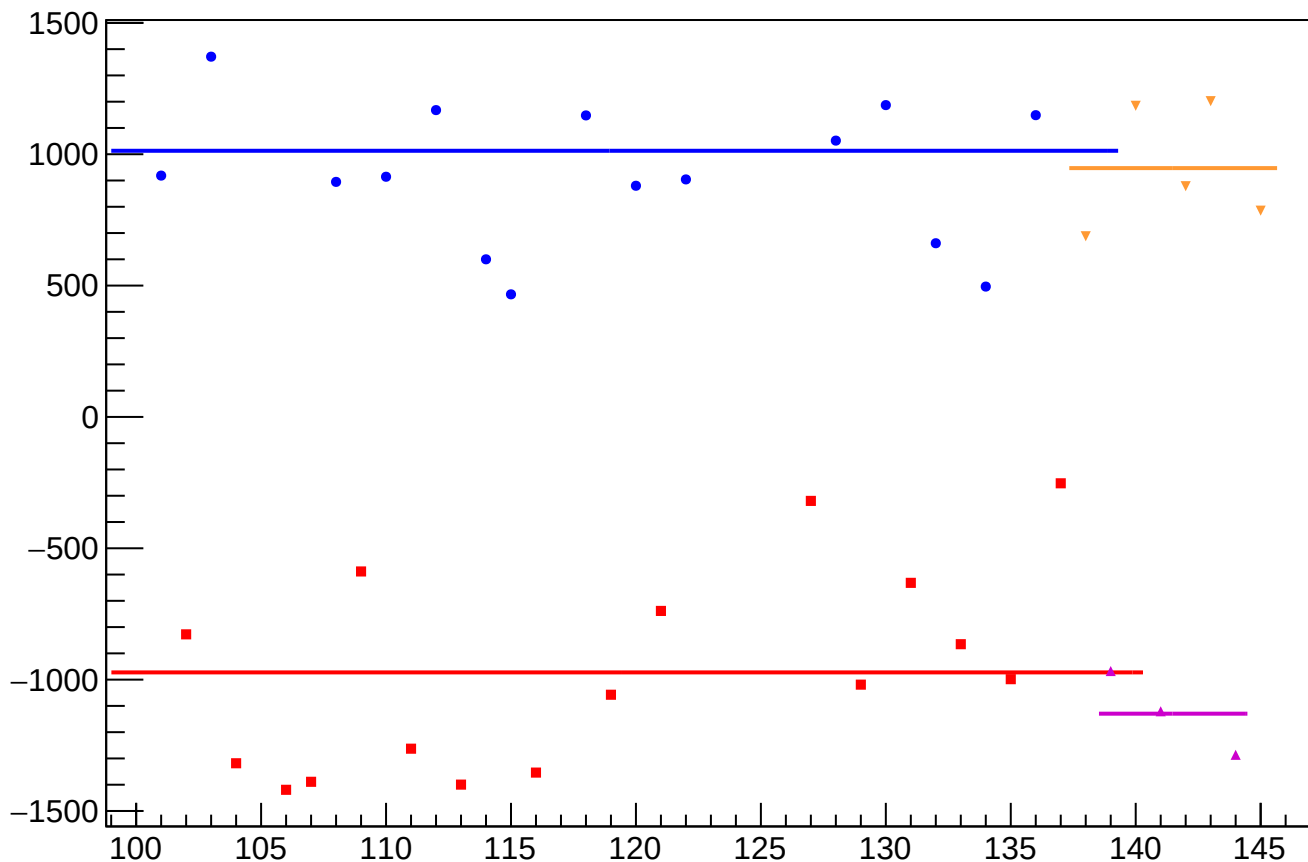
Right In: 143.764+/-0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

Left Out: 101.985+/-0.000 χ^2/NDF : 149979593545575965072856651524997120.0/4

Right Out: -132.341+/-0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

Left In: -130.656+/-0.000 χ^2/NDF : 24482070996645071263926188460998656.0/2

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



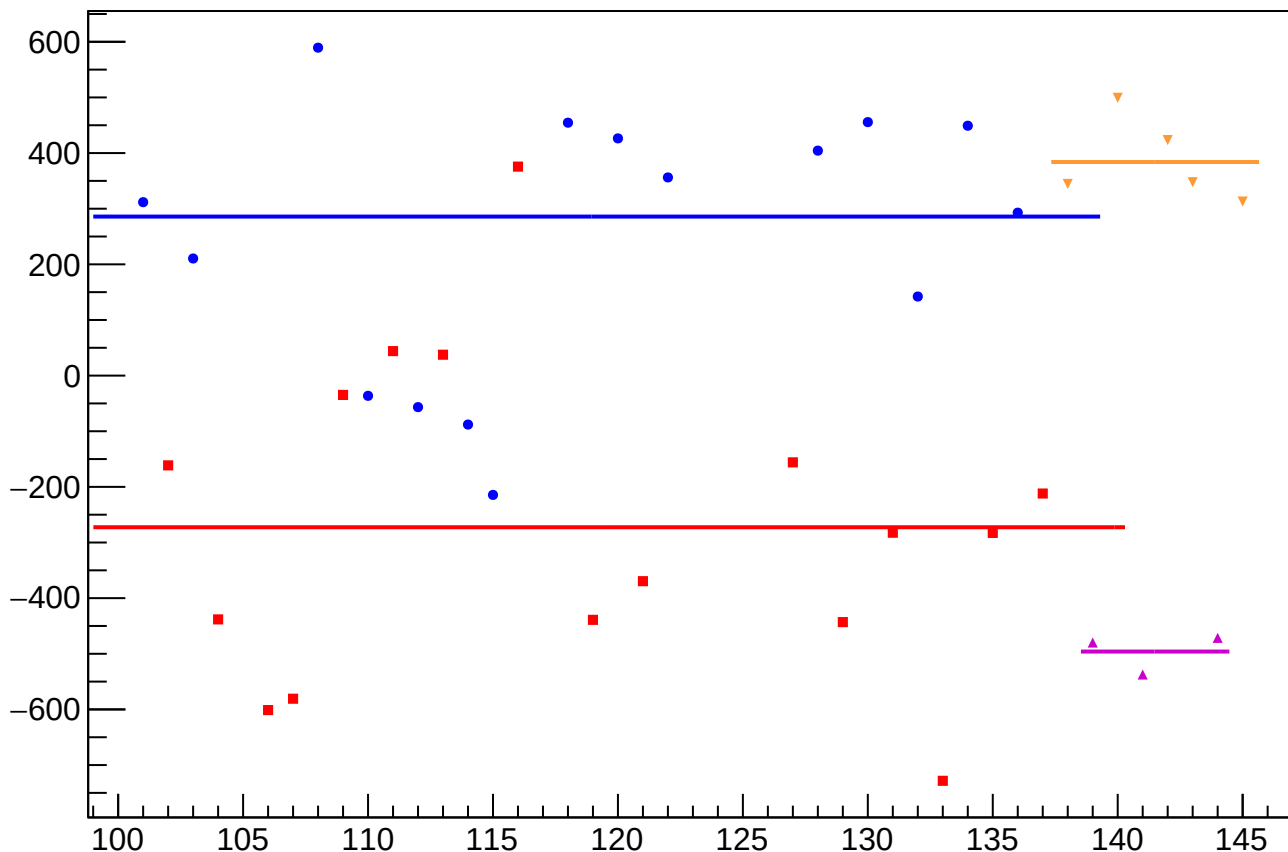
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 947.169+/-0.000 χ^2/NDF : 16560597897799017184411317963774230528.0/4

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: -1129.600+/-0.000 χ^2/NDF : 4322028015098784947615018931883868160.0/2

dit_sam7_coil6_mean vs Slug, Sign Corrected



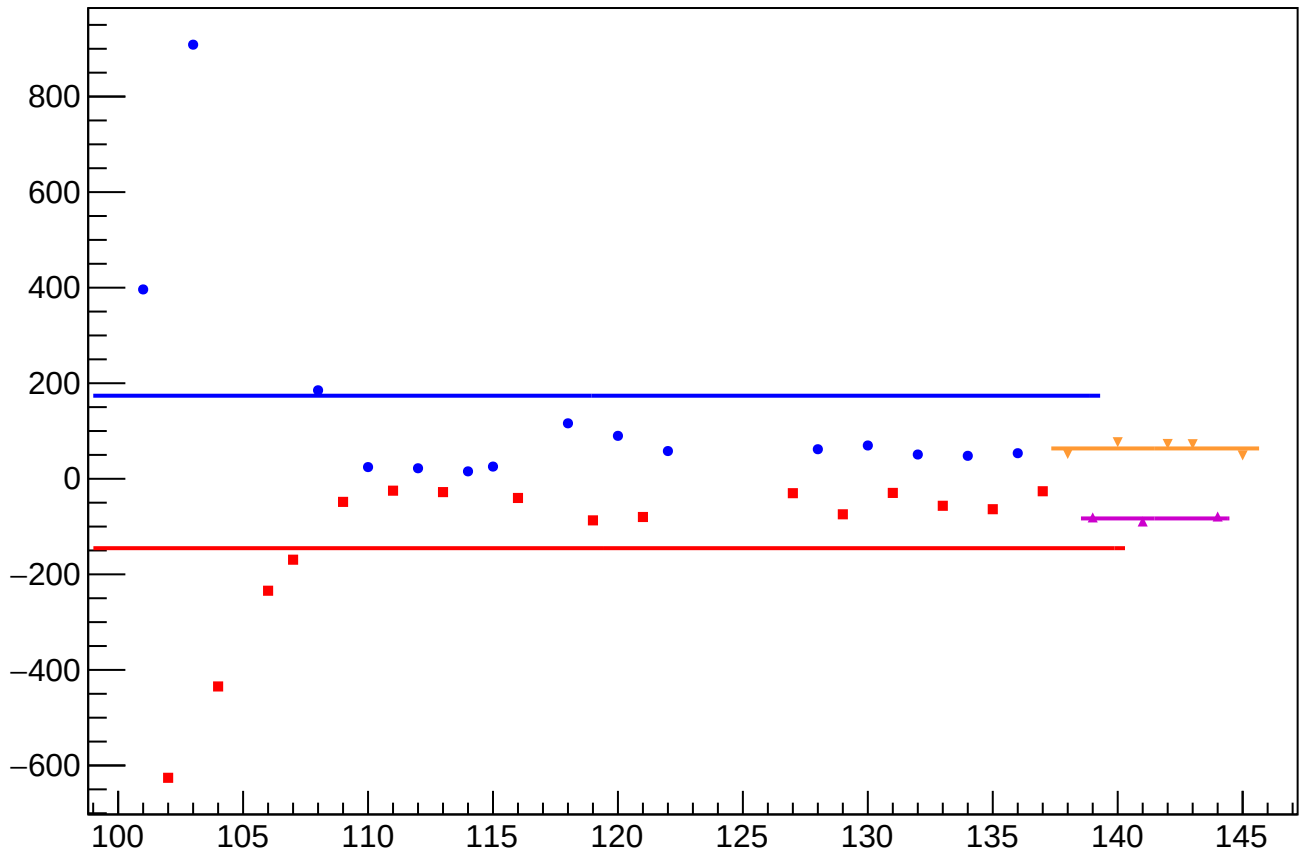
Right In: 285.856 +/- 0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 383.958 +/- 0.000 χ^2/NDF : 1782304320095347078720914544824156160.0/4

Right Out: -272.539 +/- 0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

Left In: -495.995 +/- 0.000 χ^2/NDF : 219890897669357107858337748406501376.0/2

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



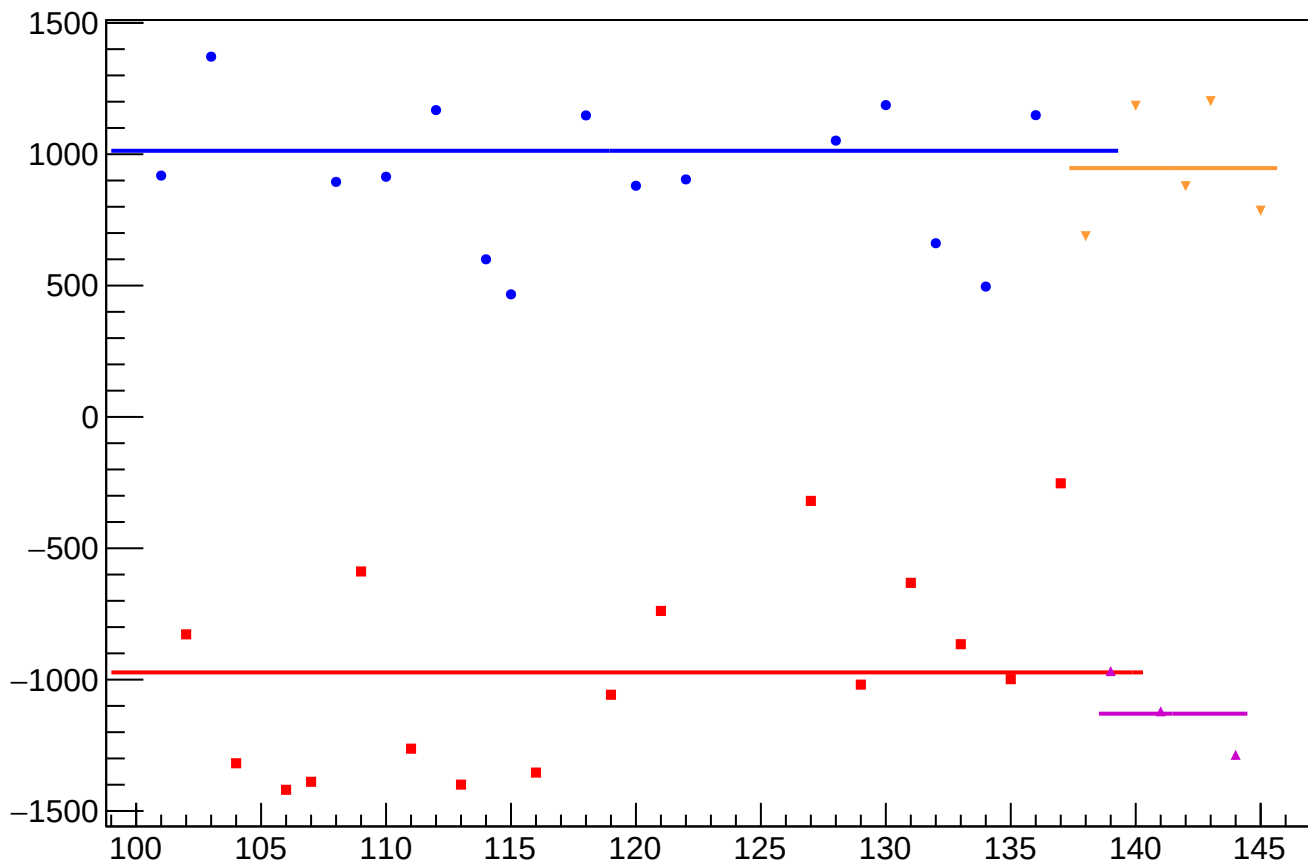
Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

Left Out: 63.520+/-0.000 χ^2/NDF : 50749333467906651249918819977658368.0/4

Right Out: -145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

Left In: -82.974+/-0.000 χ^2/NDF : 5273504684481318390981093285167104.0/2

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



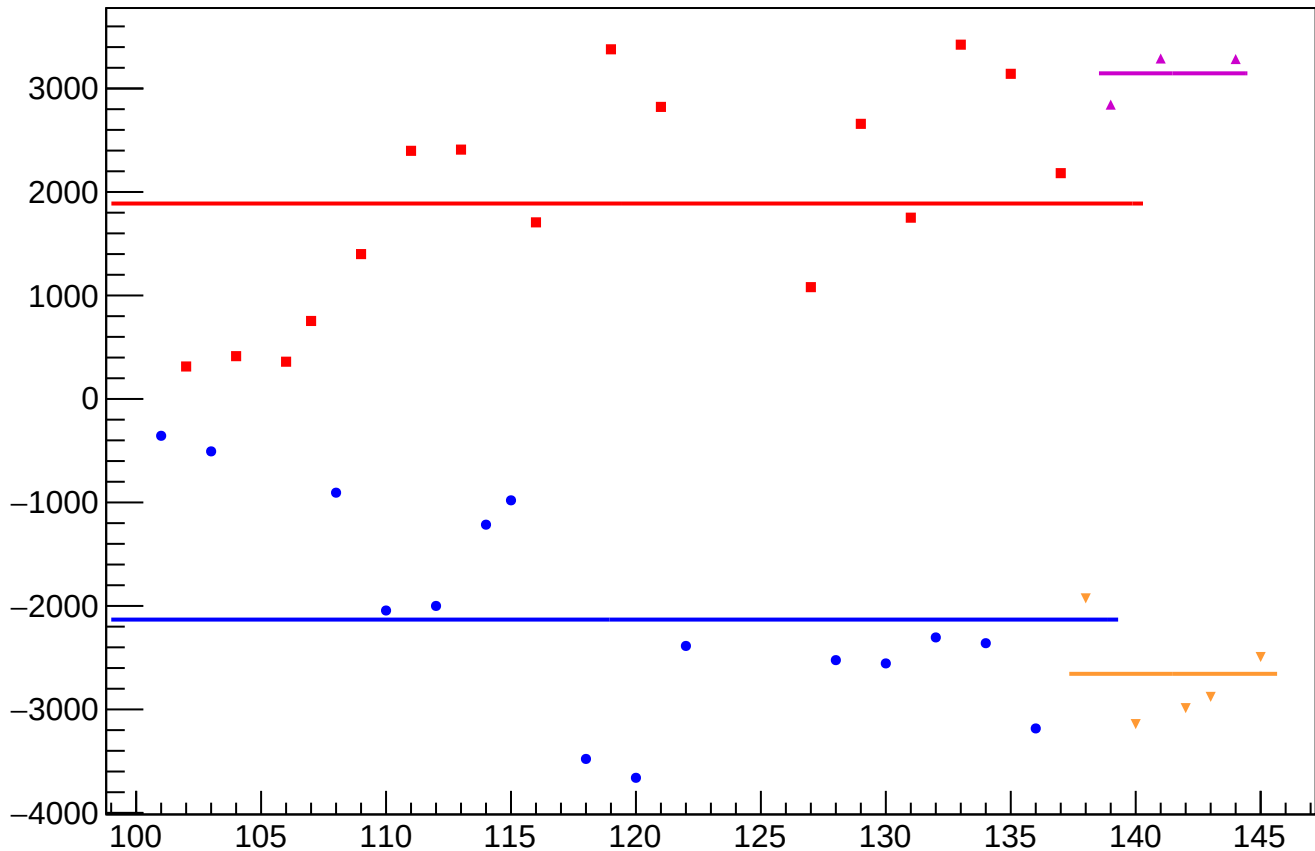
Right In: 1013.146 ± 0.000 $\chi^2/NDF: 31721270909522099205936100724856324096.0/14$

Left Out: 947.169 ± 0.000 $\chi^2/NDF: 16560597897799017184411317963774230528.0/4$

Right Out: -972.465 ± 0.000 $\chi^2/NDF: 78884457200782655962756069915468234752.0/15$

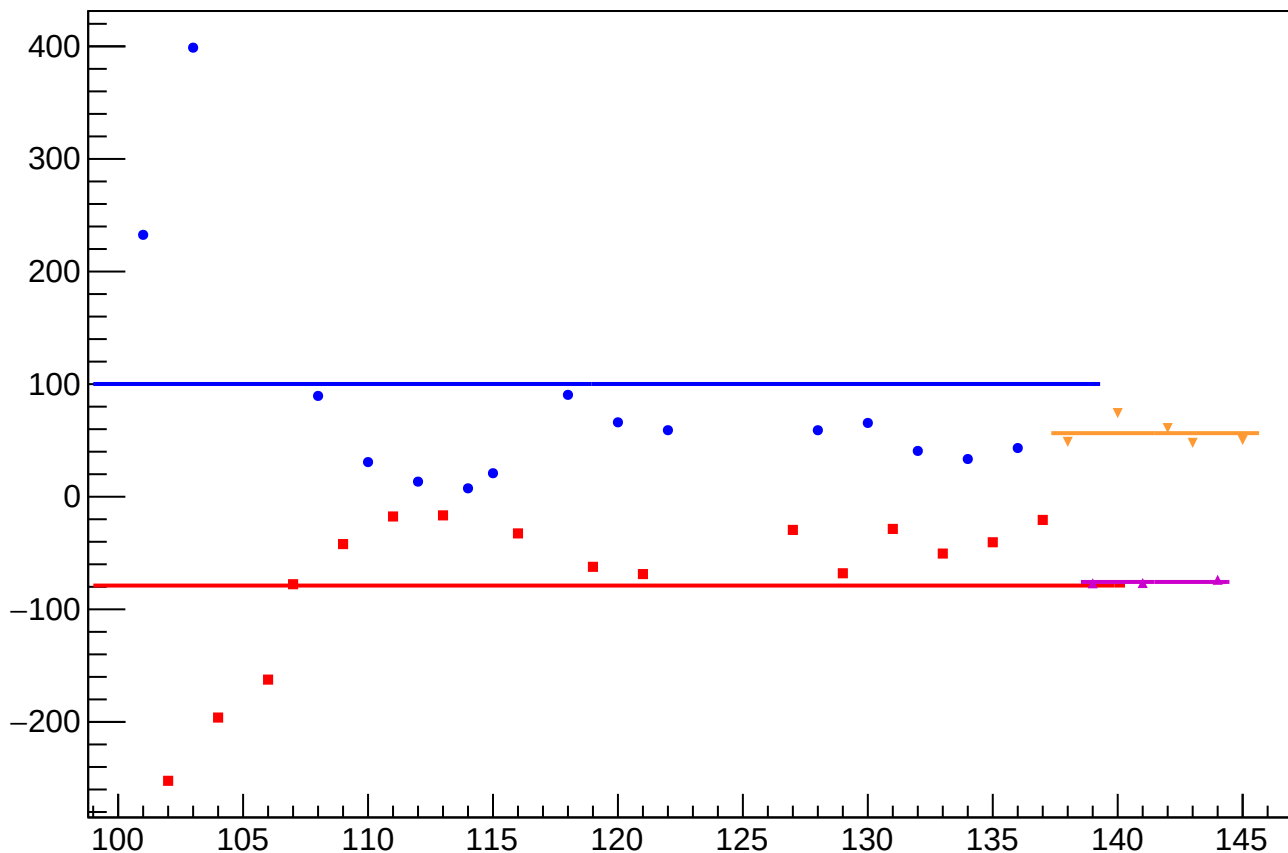
Left In: -1129.600 ± 0.000 $\chi^2/NDF: 4322028015098784947615018931883868160.0/2$

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905 +/- 0.000 χ^2/NDF : 722433384570495071131450661983670501376.0/14
 Left Out: -2656.017 +/- 0.000 χ^2/NDF : 71356859092804812157854852313744670720.0/4
 Right Out: 1888.448 +/- 0.000 χ^2/NDF : 791986665551980691032719862611769819136.0/15
 Left In: 3146.489 +/- 0.000 χ^2/NDF : 10850628337197959709052746532581801984.0/2

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



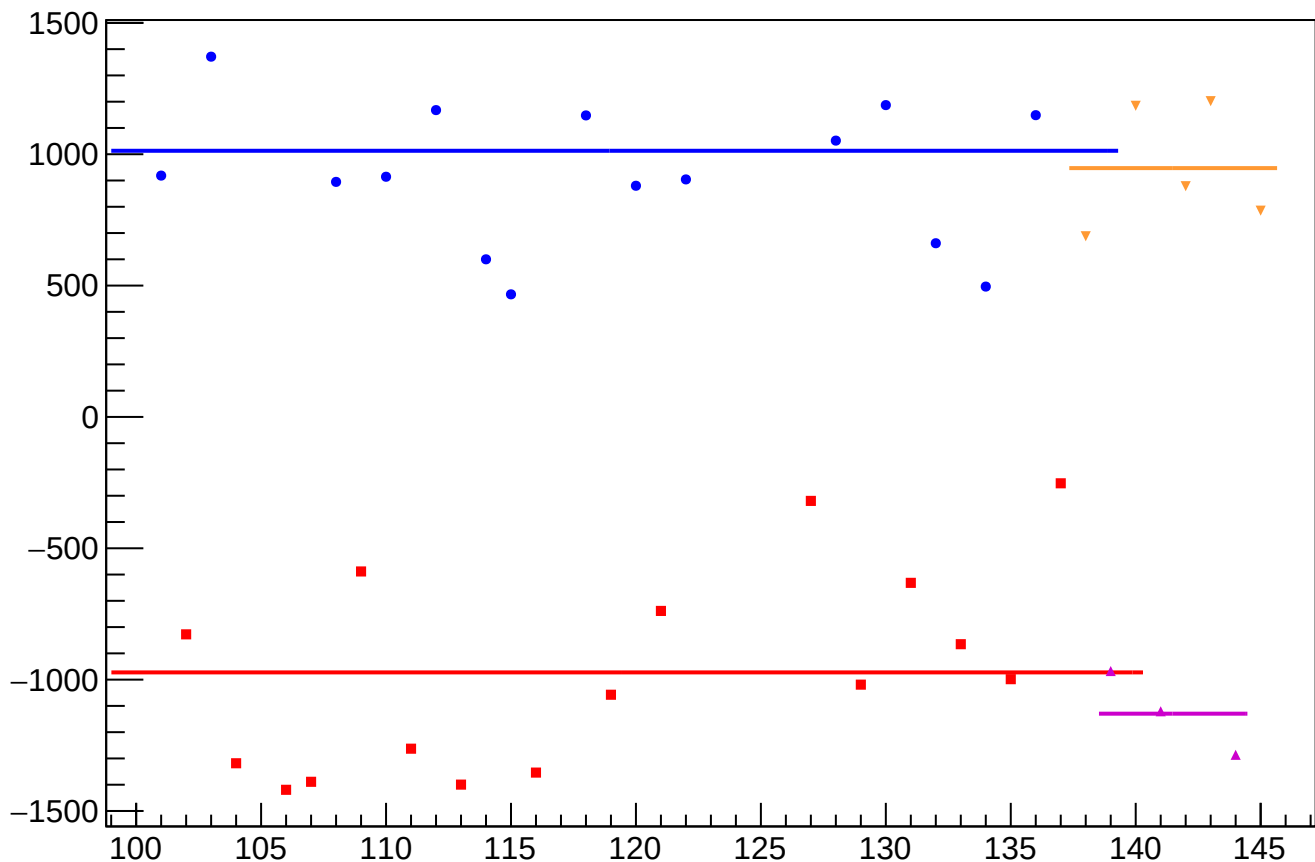
Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 56.467+/-0.000 χ^2/NDF : 39573895195825145802678448299180032.0/4

Right Out: -78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

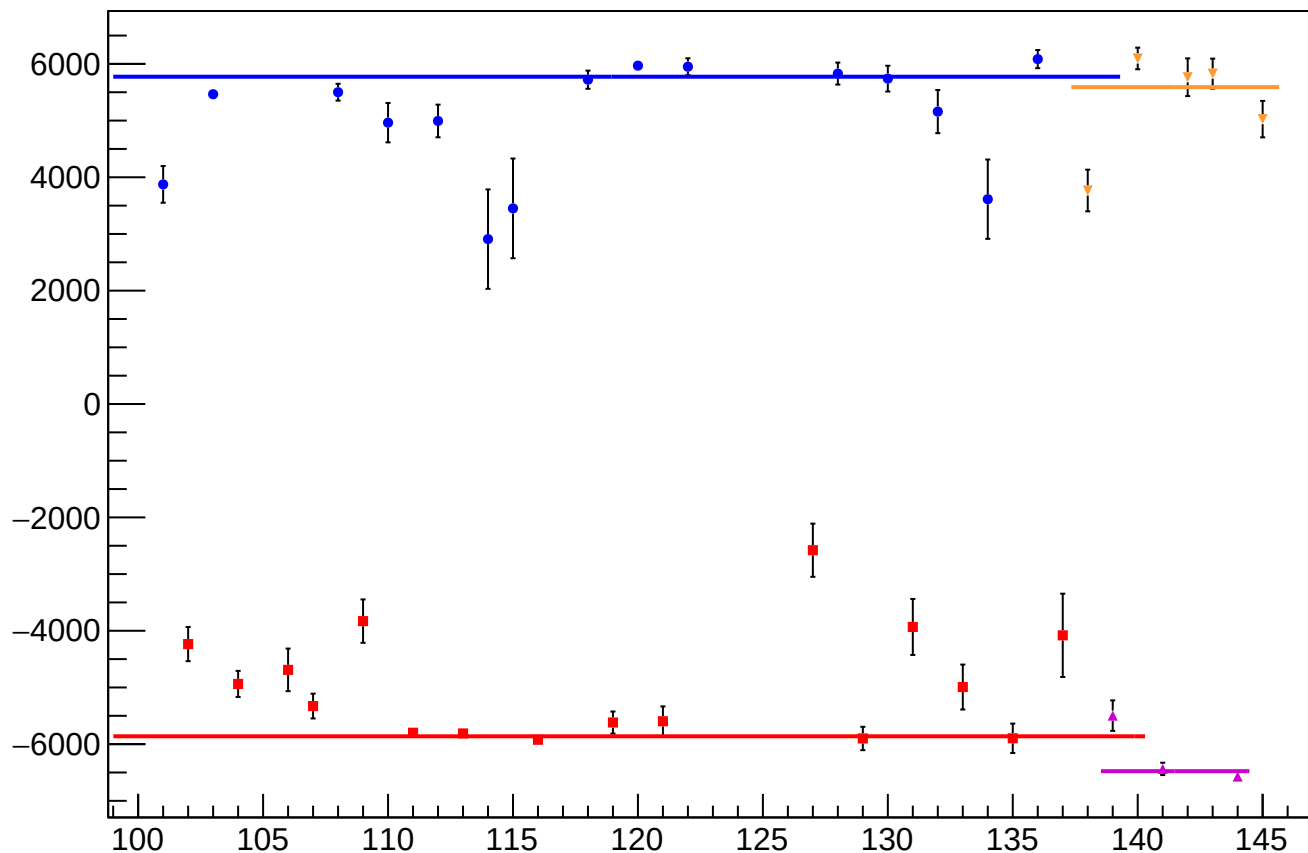
Left In: -75.680+/-0.000 χ^2/NDF : 528755301775547581160004232675328.0/2

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 947.169 $\pm$ 0.000 χ^2 /NDF: 16560597897799017184411317963774230528.0/4
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1129.600 $\pm$ 0.000 χ^2 /NDF: 4322028015098784947615018931883868160.0/2

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2 /NDF: 1828526.5/14

Left Out: 5590.293+/-121.245 χ^2 /NDF:35.8/4

Right Out: -5861.461+/-0.140 χ^2 /NDF: 180020.4/15

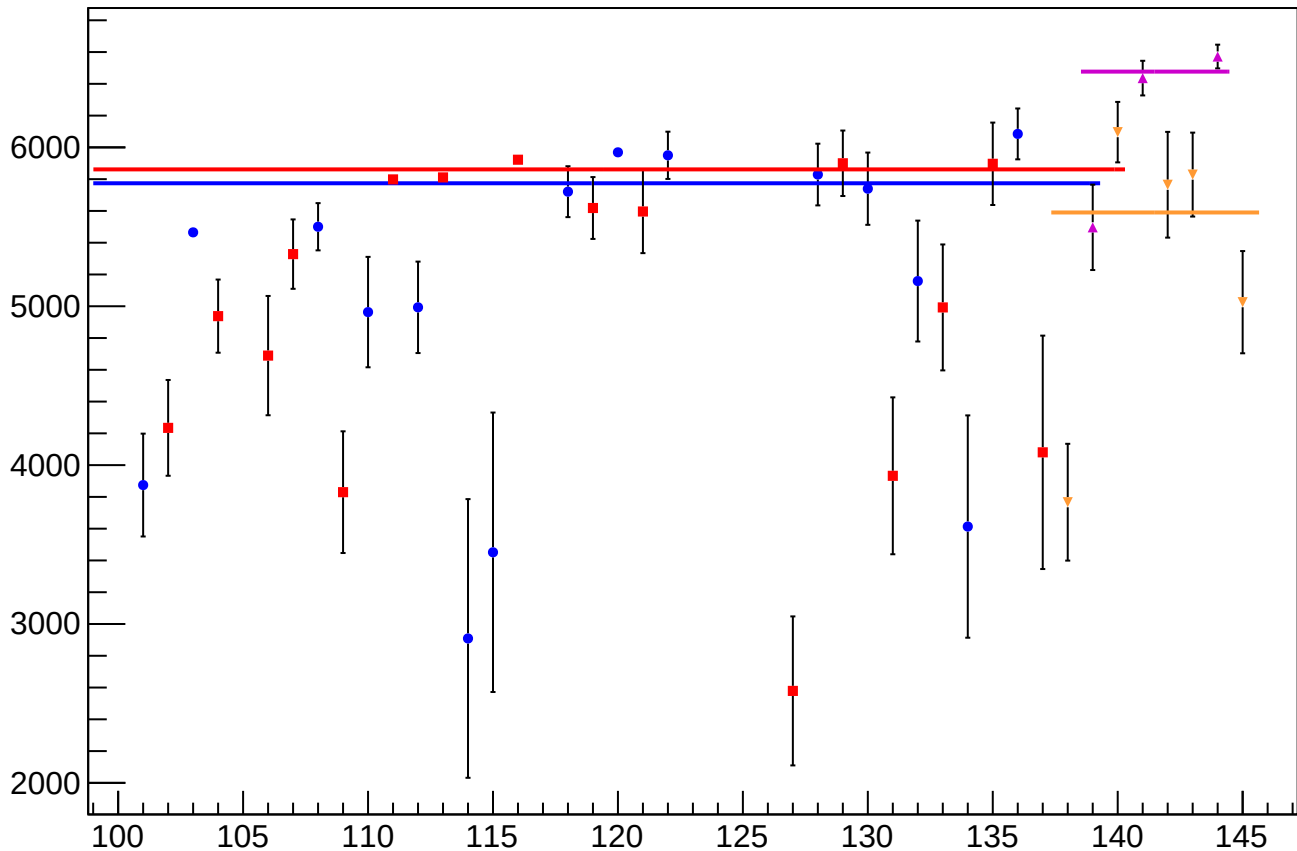
Left In: -6476.899+/-60.055 χ^2 /NDF:15.1/2

5774.116+/-0.181 χ^2 /NDF: 1828564.6/19

-1536.202+/-0.111 χ^2 /NDF: 2585364504.6/19

-5861.464+/-0.140 χ^2 /NDF: 180140.5/18

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117 ± 0.181 $\chi^2/\text{NDF}: 1828526.5/14$

Left Out: 5590.293 ± 121.245 $\chi^2/\text{NDF}: 35.8/4$

Right Out: 5861.461 ± 0.140 $\chi^2/\text{NDF}: 180020.4/15$

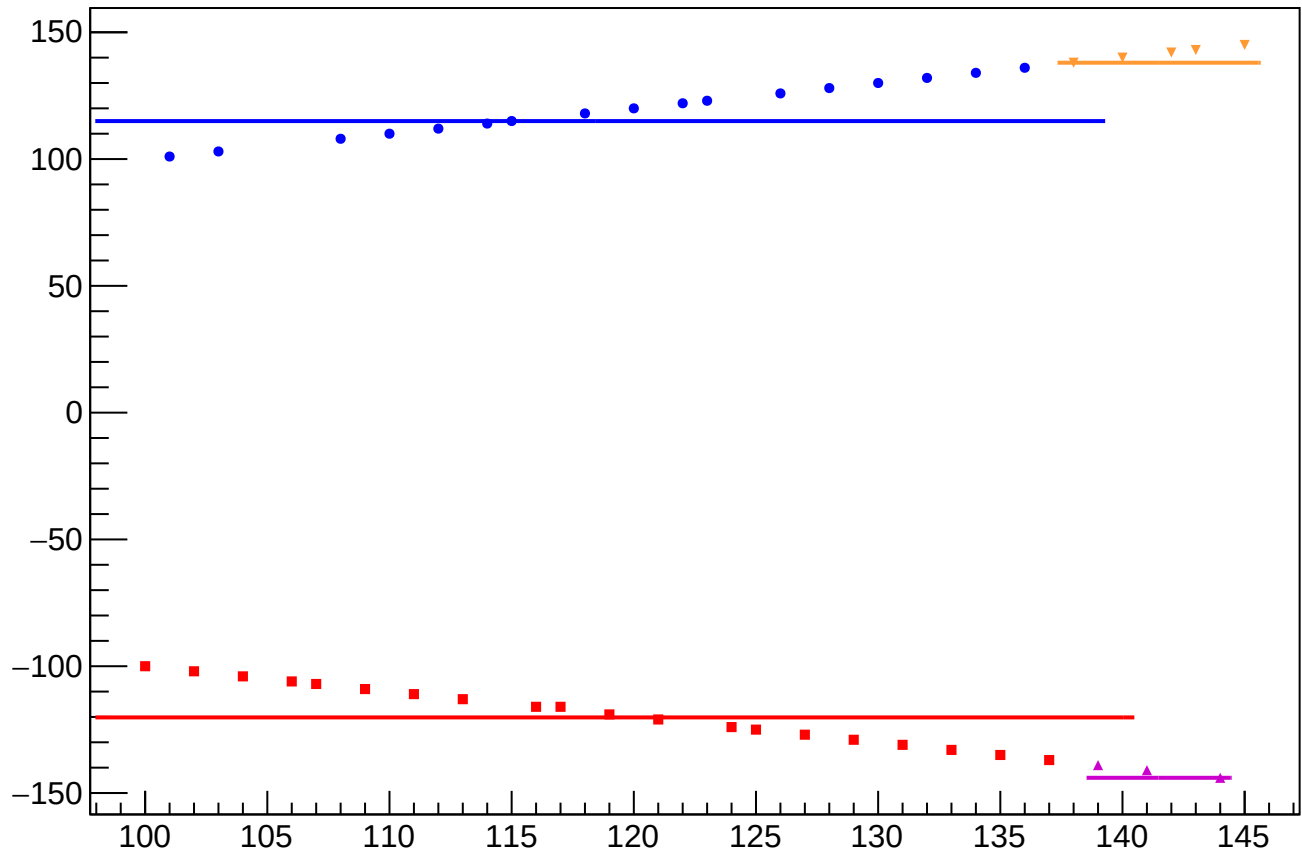
Left In: 6476.899 ± 60.055 $\chi^2/\text{NDF}: 15.1/2$

5774.116 ± 0.181 $\chi^2/\text{NDF}: 1828564.6/19$

5828.995 ± 0.111 $\chi^2/\text{NDF}: 2154289.5/38$

5861.464 ± 0.140 $\chi^2/\text{NDF}: 180140.5/18$

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16

Left Out: 138.000+/-0.000 χ^2/NDF : 6785.0/4

Right Out: -120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/19

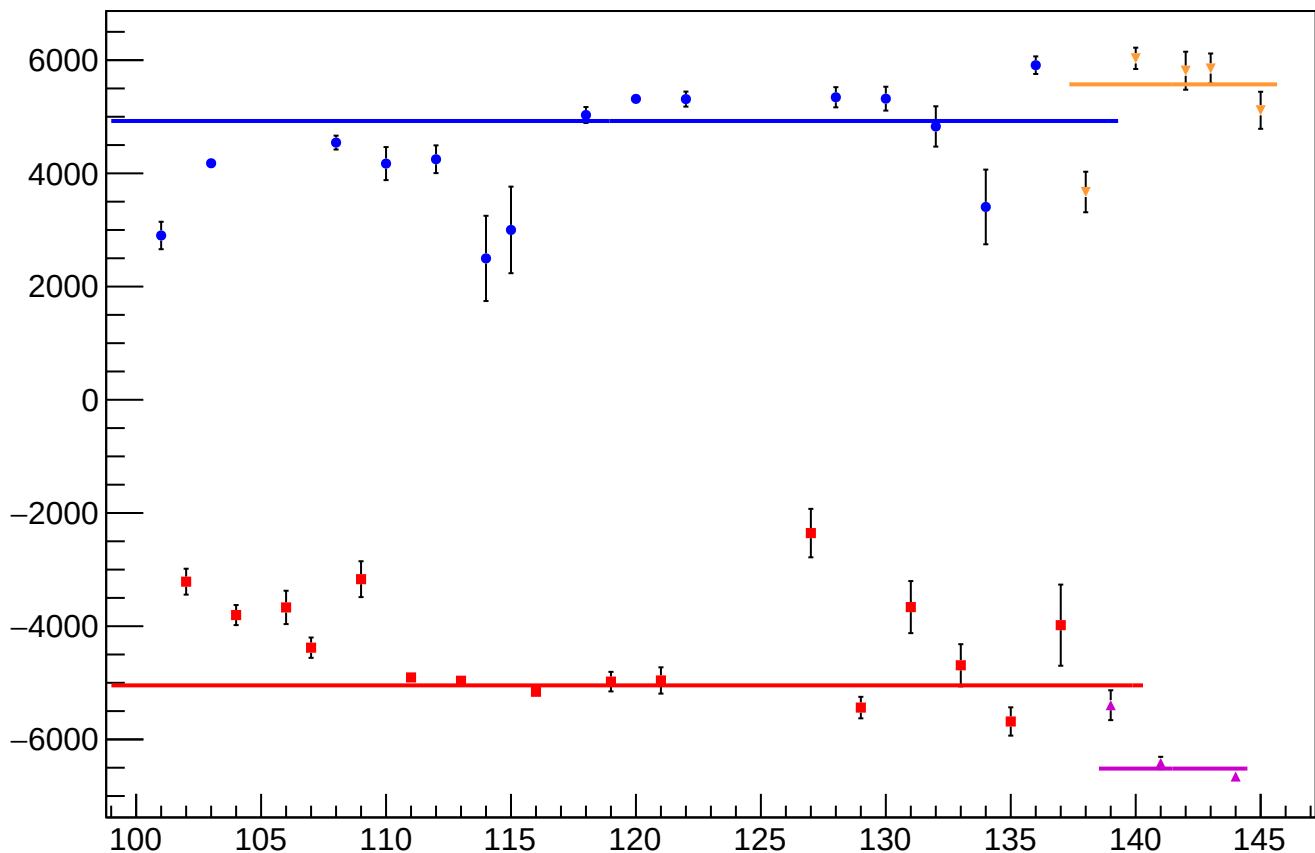
Left In: -144.000+/-0.000 χ^2/NDF : 2790.0/2

116.377+/-0.000 χ^2/NDF : 15979323783741632

16.999+/-0.000 χ^2/NDF : 3756132288916

-122.504+/-0.000 χ^2/NDF : 1079978671168135

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305 +/- 0.939 χ^2/NDF : 330994.6/14

Left Out: 5572.145 +/- 120.908 χ^2/NDF : 37.7/4

Right Out: -5045.221 +/- 0.668 χ^2/NDF : 30179.9/15

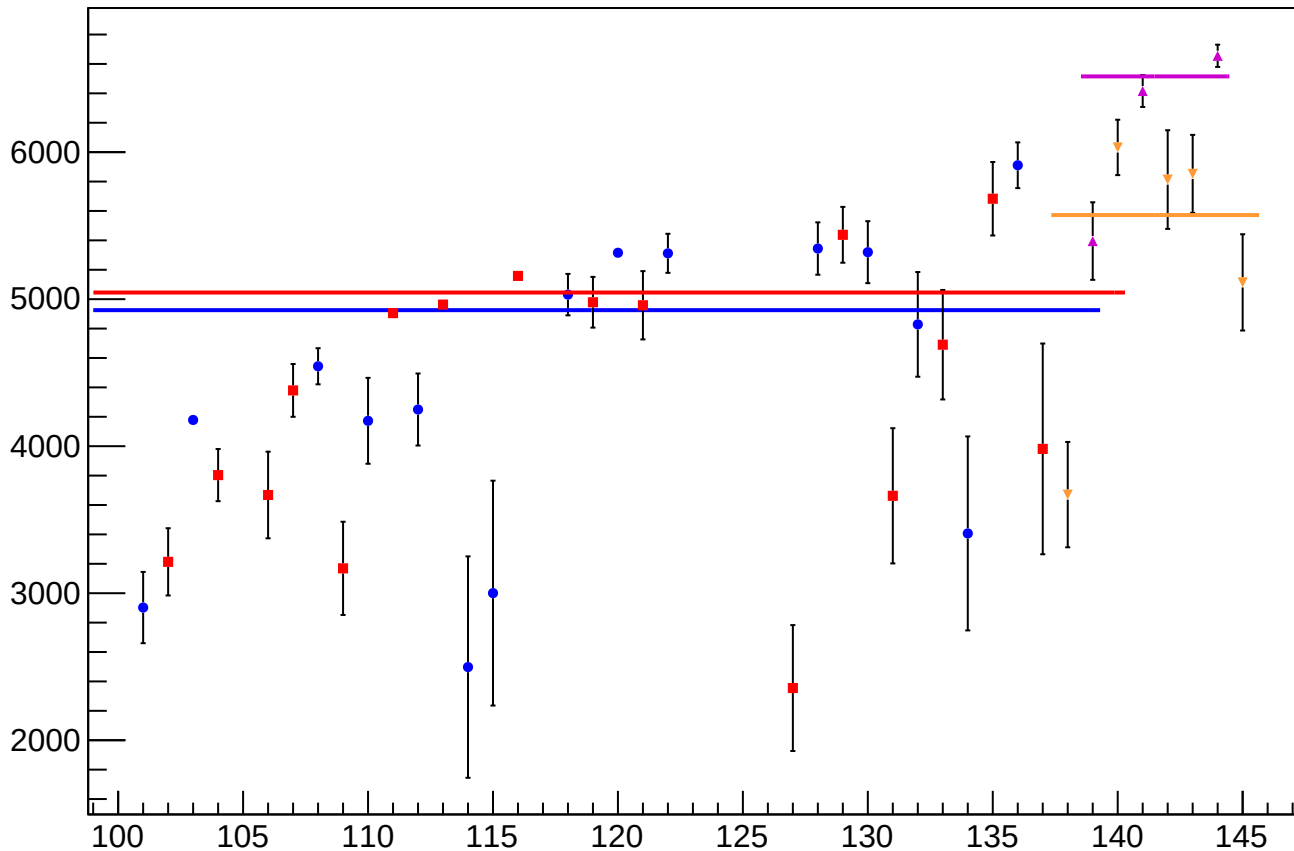
Left In: -6515.207 +/- 60.441 χ^2/NDF : 22.3/2

4925.344 +/- 0.939 χ^2/NDF : 331060.9/19

-1694.754 +/- 0.544 χ^2/NDF : 75276315.8/19

-5045.401 +/- 0.668 χ^2/NDF : 30793.6/18

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305+/-0.939 χ^2/NDF : 330994.6/14

Left Out: 5572.145+/-120.908 χ^2/NDF : 37.7/4

Right Out: 5045.221+/-0.668 χ^2/NDF : 30179.9/15

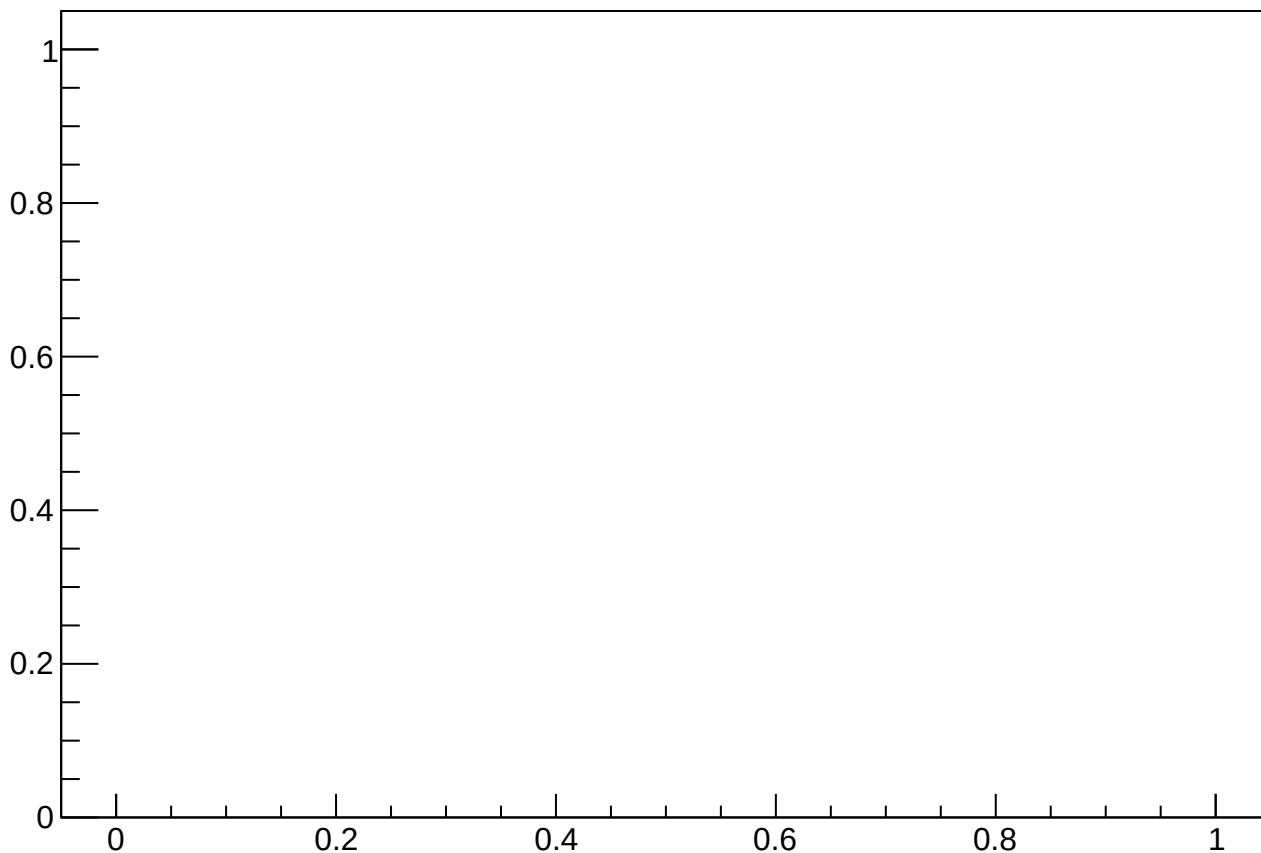
Left In: 6515.207+/-60.441 χ^2/NDF : 22.3/2

4925.344+/-0.939 χ^2/NDF : 331060.9/19

5005.056+/-0.544 χ^2/NDF : 372715.8/38

5045.401+/-0.668 χ^2/NDF : 30793.6/18

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

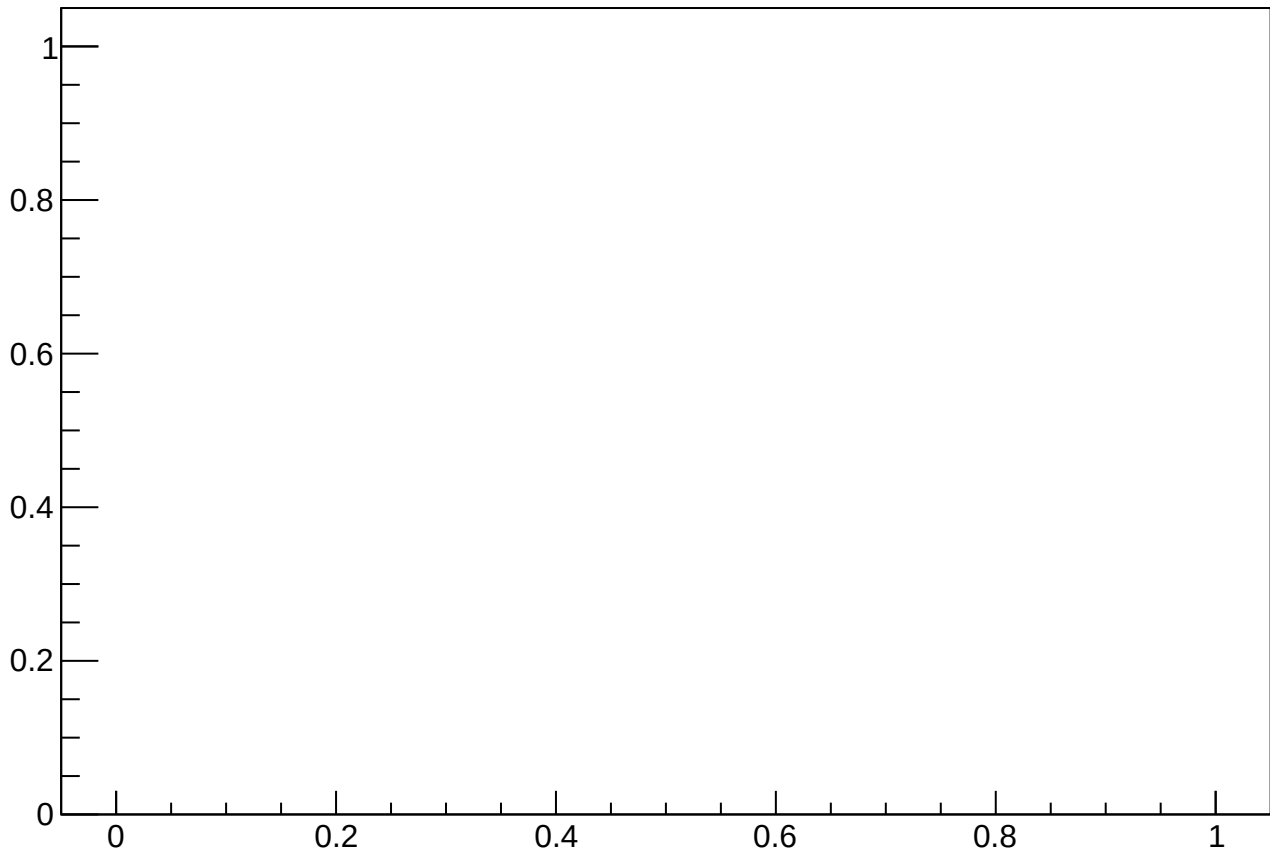
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

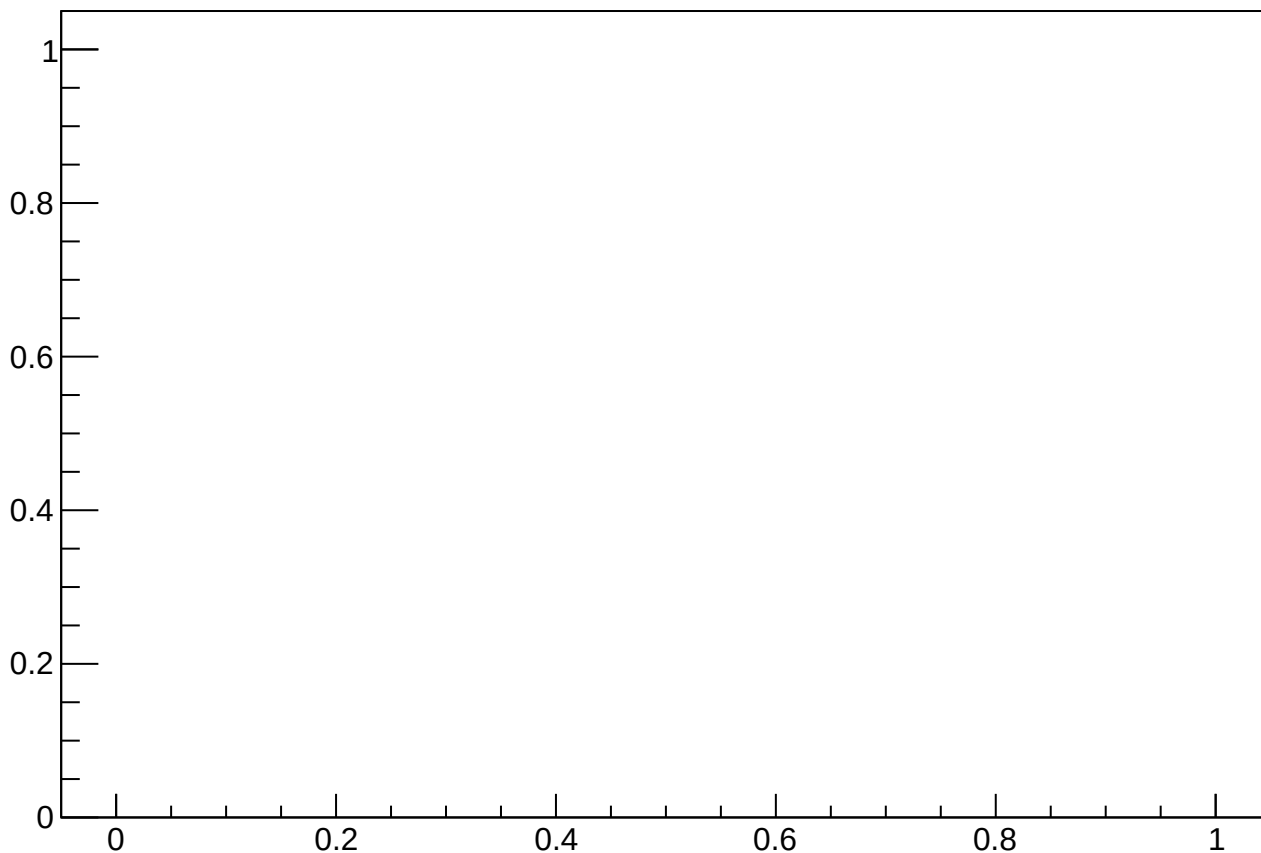
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

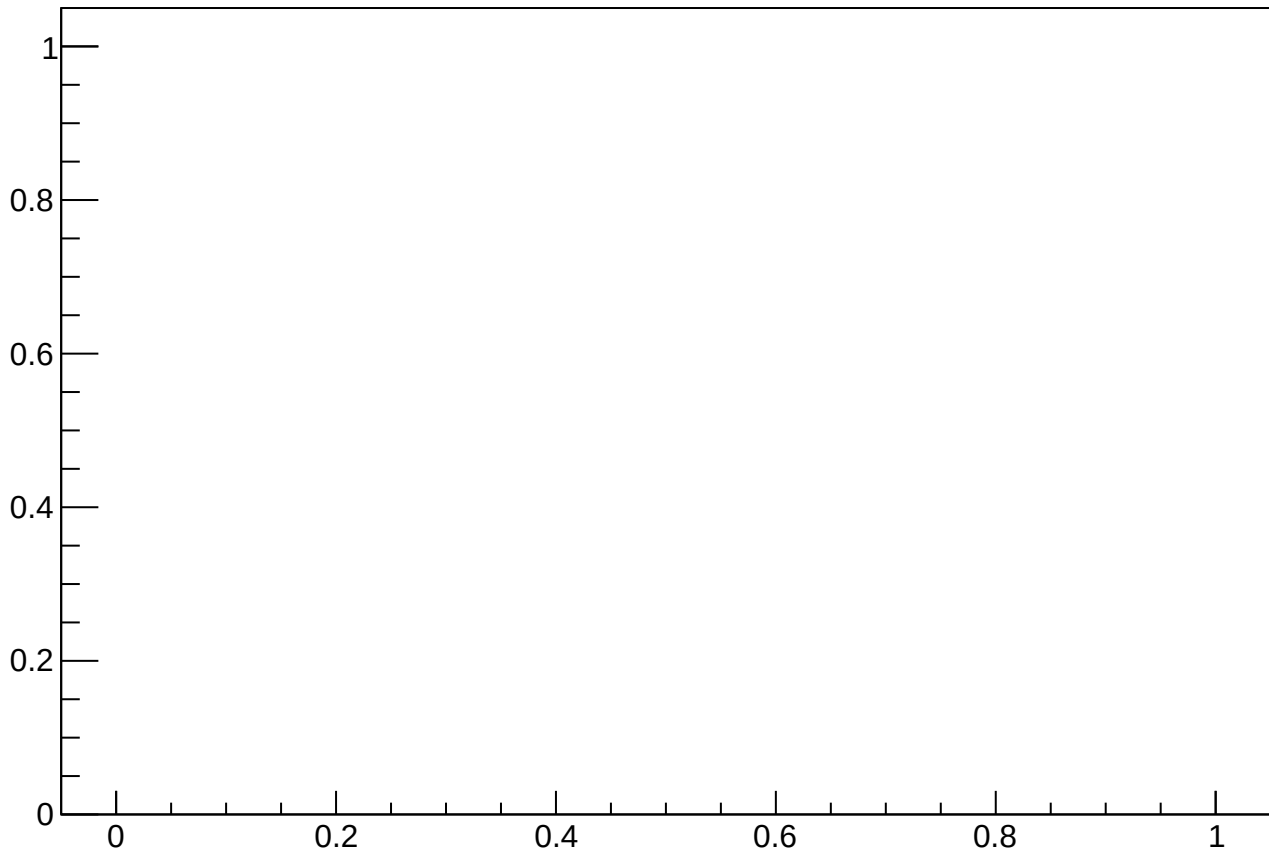
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

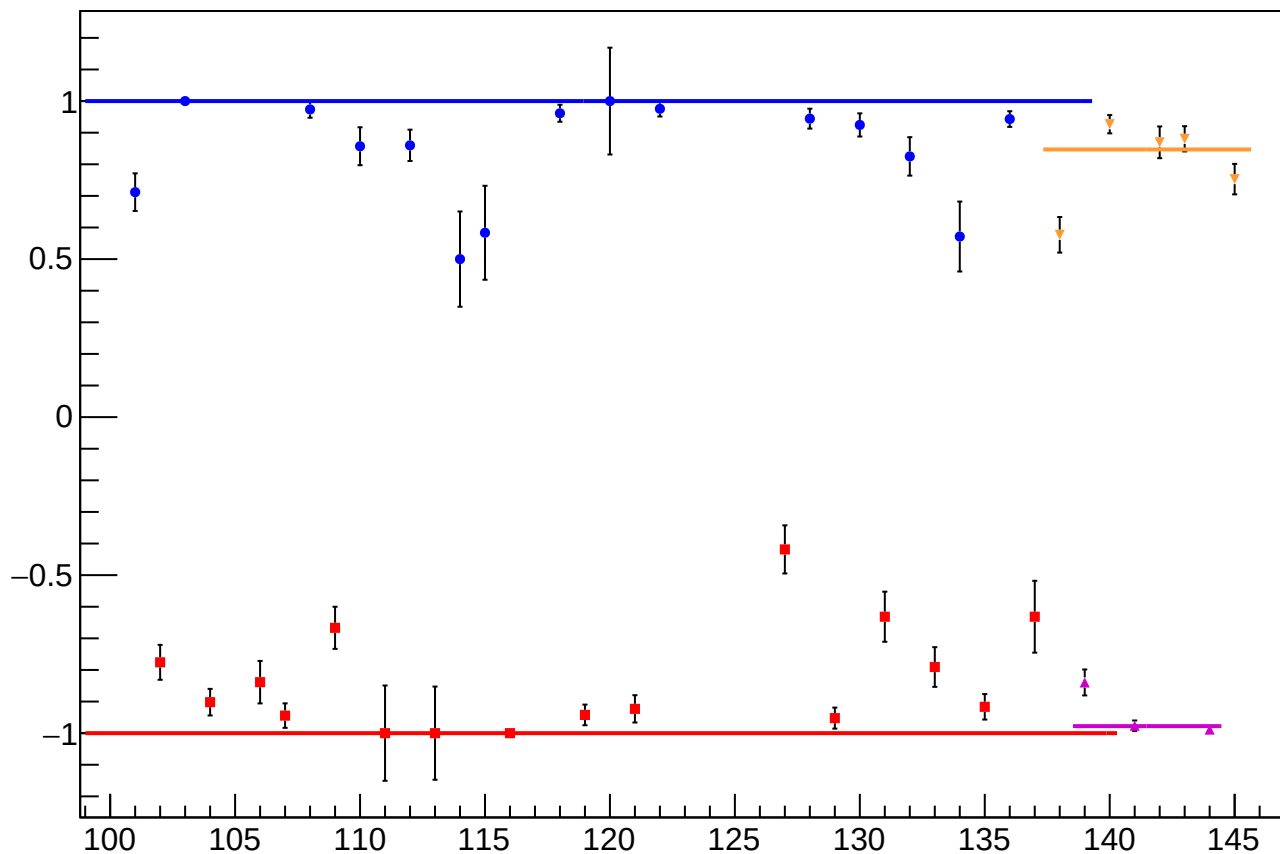
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 1.000+/-0.000 χ^2/NDF : 95.9/14

Left Out: 0.847+/-0.018 χ^2/NDF : 35.3/4

Right Out: -1.000+/-0.000 χ^2/NDF : 168.9/15

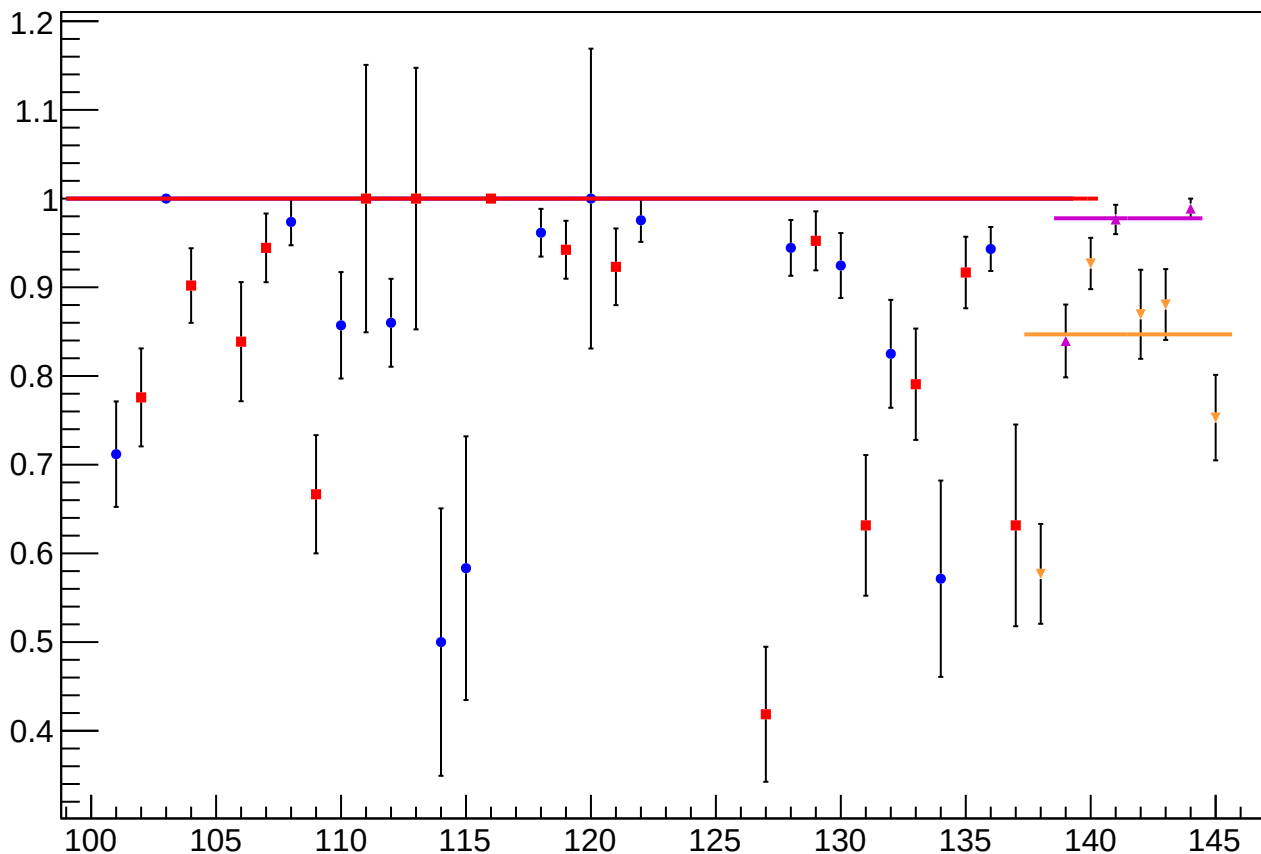
Left In: -0.978+/-0.009 χ^2/NDF : 12.3/2

1.000+/-0.000 χ^2/NDF : 200.7/19

0.398+/-0.000 χ^2/NDF : 14173250084479

-1.000+/-0.000 χ^2/NDF : 187.2/18

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 0.847 $\pm$ 0.018 χ^2 /NDF:35.3/4

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

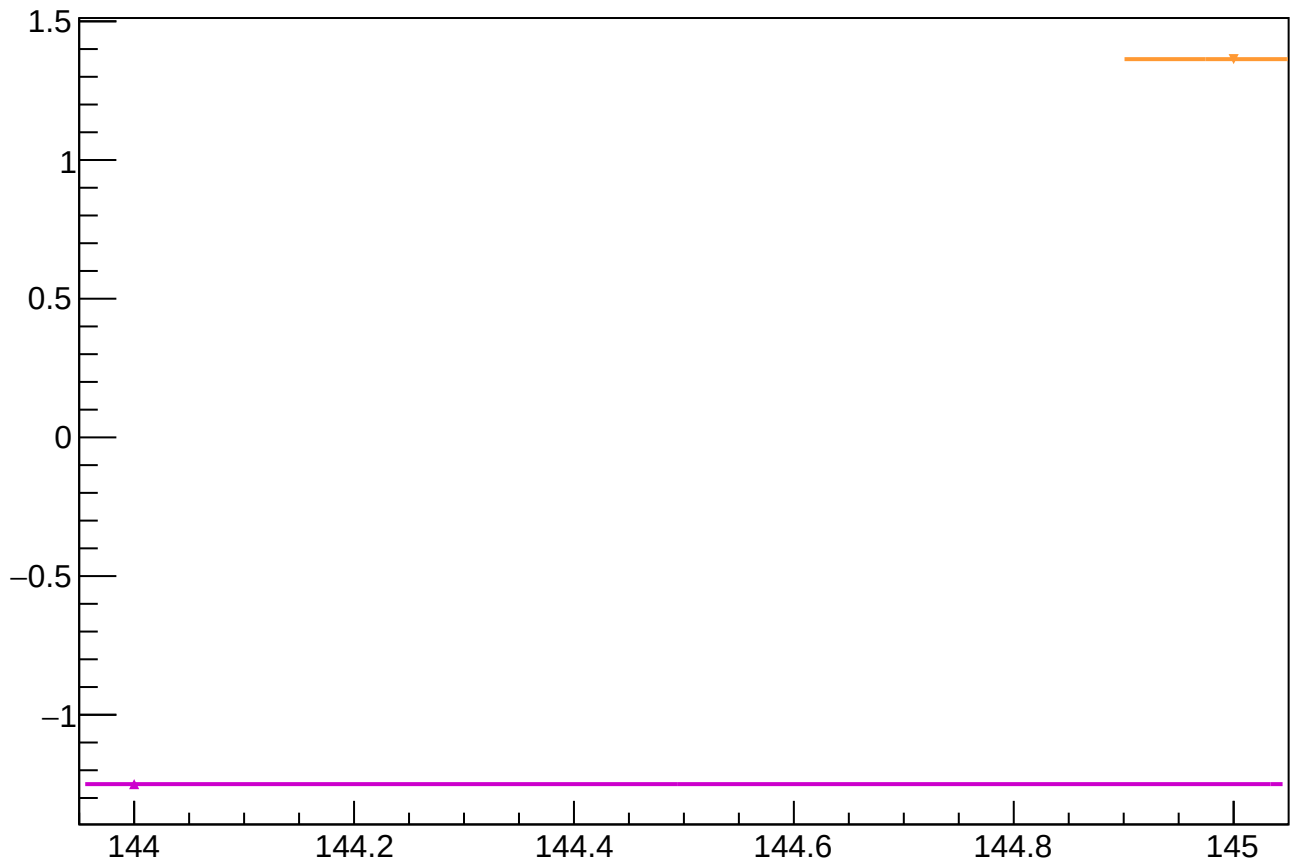
Left In: 0.978 $\pm$ 0.009 χ^2 /NDF:12.3/2

1.000 $\pm$ 0.000 χ^2 /NDF: 200.7/19

1.000 $\pm$ 0.000 χ^2 /NDF: 470.9/38

1.000 $\pm$ 0.000 χ^2 /NDF: 187.2/18

dit_segment_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left Out: 1.364 +/- 0.016 χ^2/NDF : 0.0/0

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

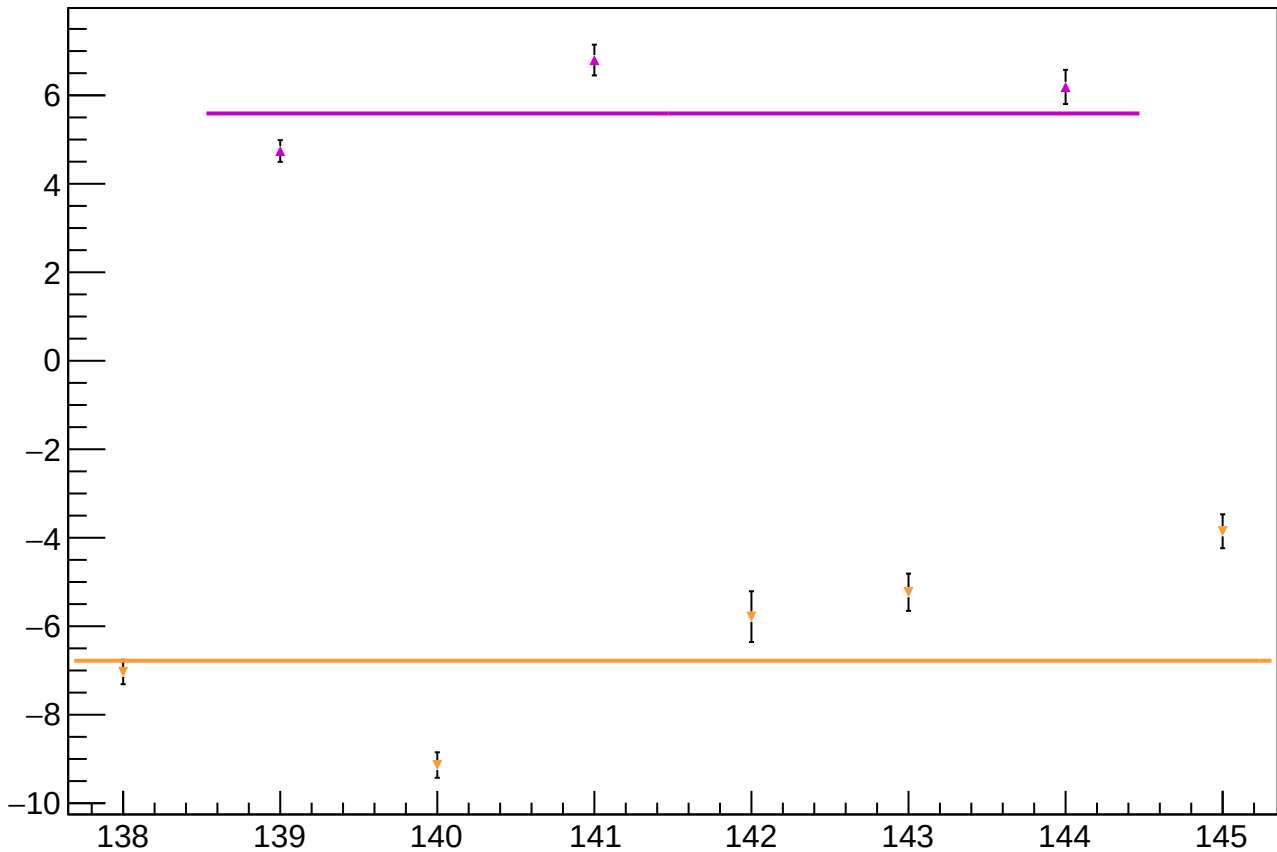
Left In: -1.250 +/- 0.013 χ^2/NDF : 0.0/0

1.364 +/- 0.016 χ^2/NDF : 0.0/0

-0.196 +/- 0.010 χ^2/NDF : 15693.7/1

-1.250 +/- 0.013 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.780+/-0.157 χ^2/NDF : 142.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

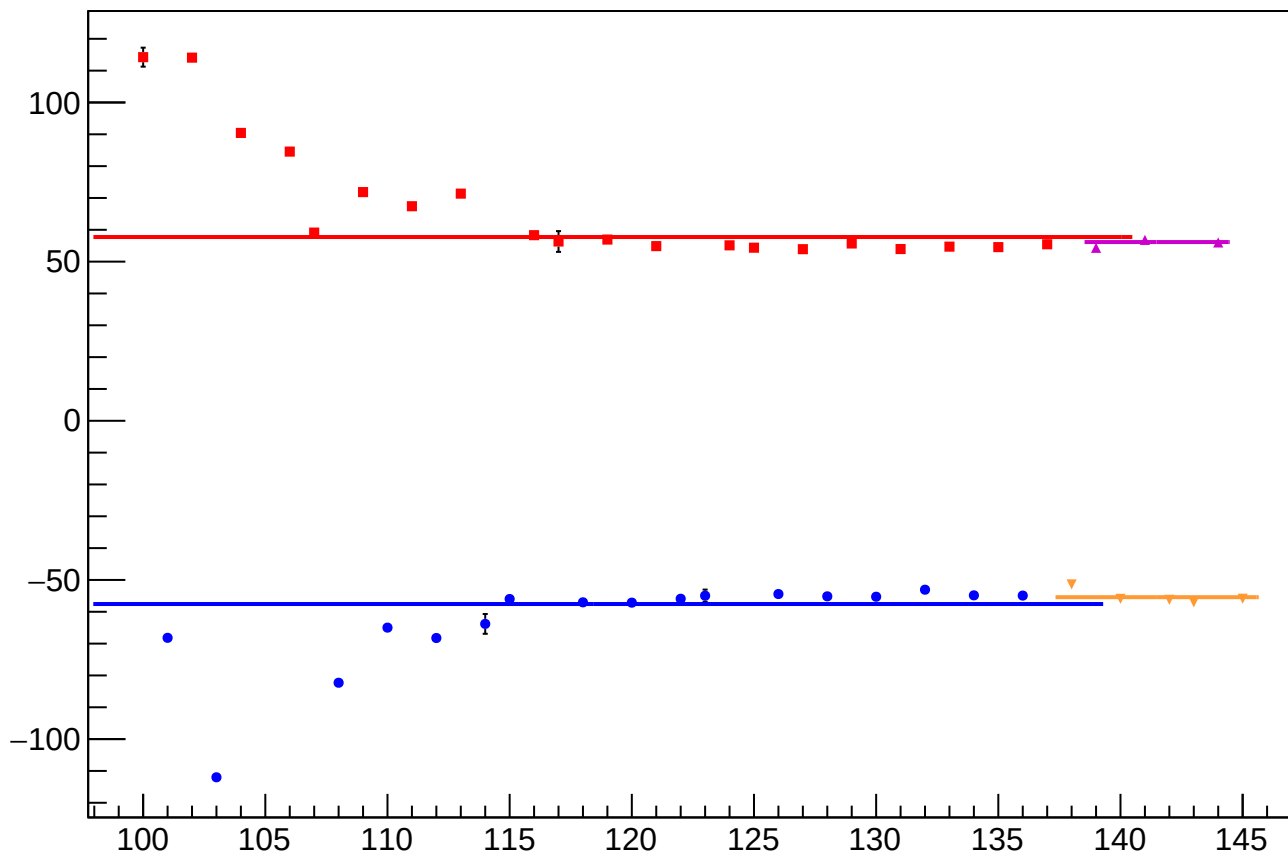
Left In: 5.589+/-0.178 χ^2/NDF : 26.3/2

-6.780+/-0.157 χ^2/NDF : 142.7/4

-1.378+/-0.118 χ^2/NDF : 2884.5/7

5.589+/-0.178 χ^2/NDF : 26.3/2

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563+/-0.141 χ^2/NDF : 3455.9/16

Left Out: -55.415+/-0.134 χ^2/NDF :197.1/4

Right Out: 57.733+/-0.143 χ^2/NDF : 4698.6/19

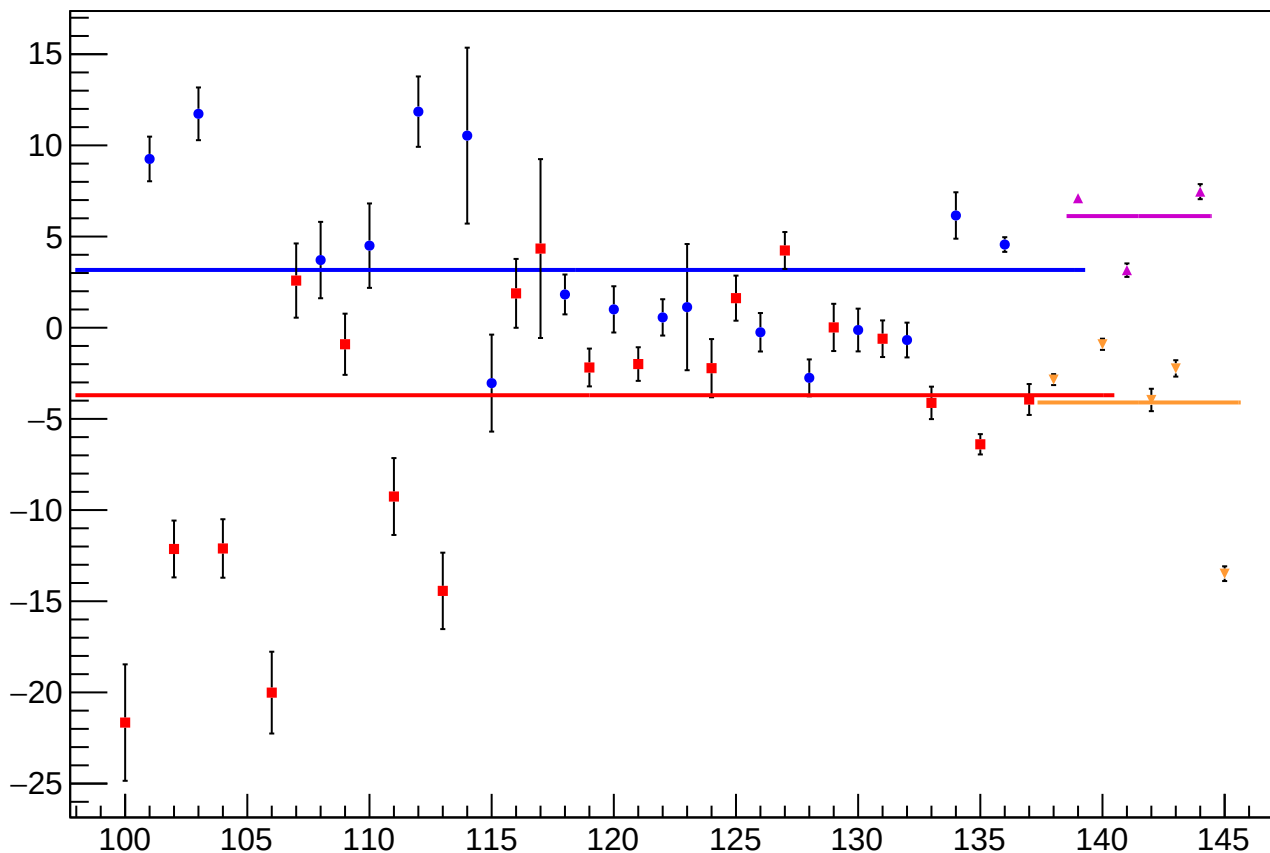
Left In: 56.152+/-0.172 χ^2/NDF :24.2/2

-56.431+/-0.097 χ^2/NDF : 3774.6/21

-6.533+/-0.073 χ^2/NDF : 606970.3/44

57.087+/-0.110 χ^2/NDF : 4772.9/22

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -4.100 ± 0.168 χ^2/NDF : 681.8/4

Right Out: -3.702 ± 0.267 χ^2/NDF : 326.0/19

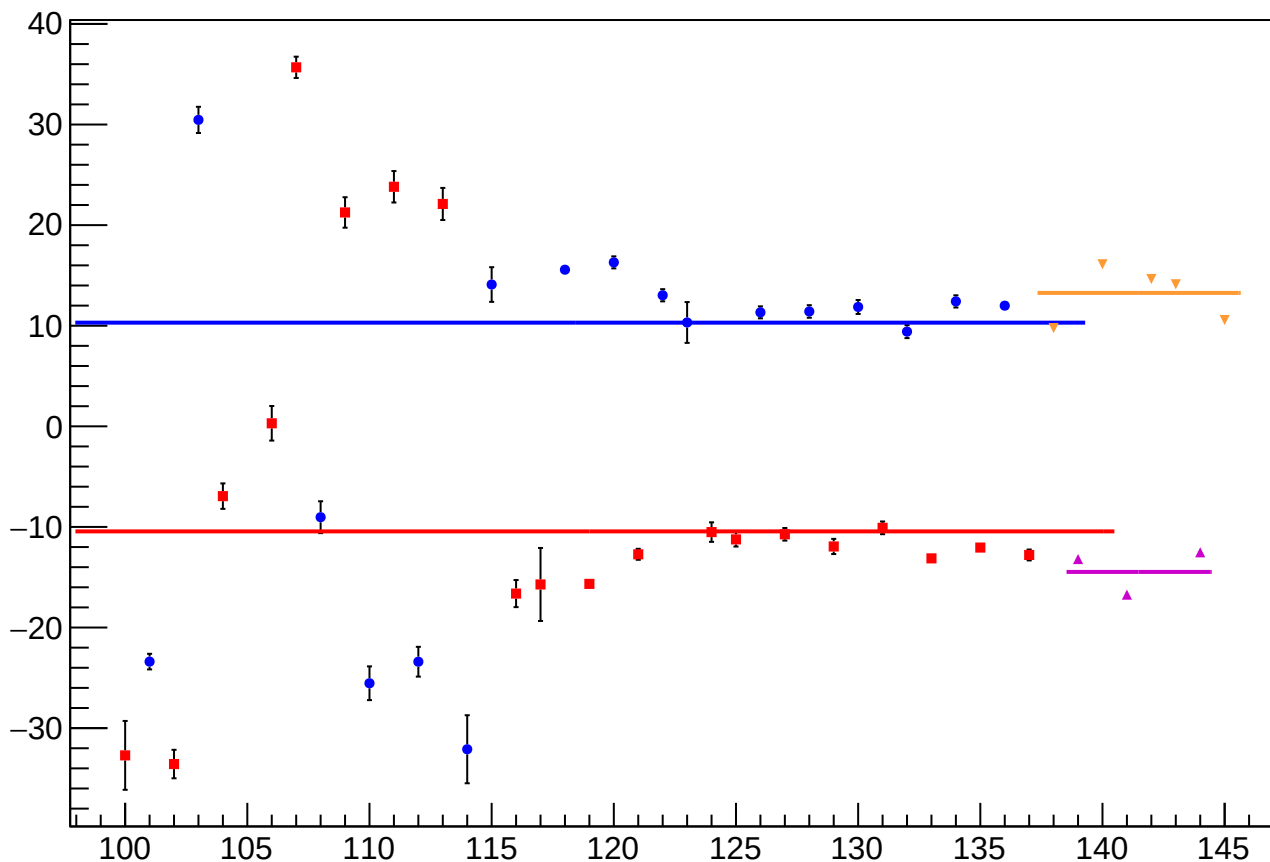
Left In: 6.122 ± 0.191 χ^2/NDF : 88.3/2

-1.933 ± 0.141 χ^2/NDF : 1426.1/21

0.189 ± 0.104 χ^2/NDF : 3241.0/44

2.781 ± 0.156 χ^2/NDF : 1309.8/22

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306 $\pm$ 0.157 χ^2/NDF : 3712.3/16

Left Out: -10.443 $\pm$ 0.160 χ^2/NDF : 3830.6/19

Right Out: 13.263 $\pm$ 0.157 χ^2/NDF : 264.9/4

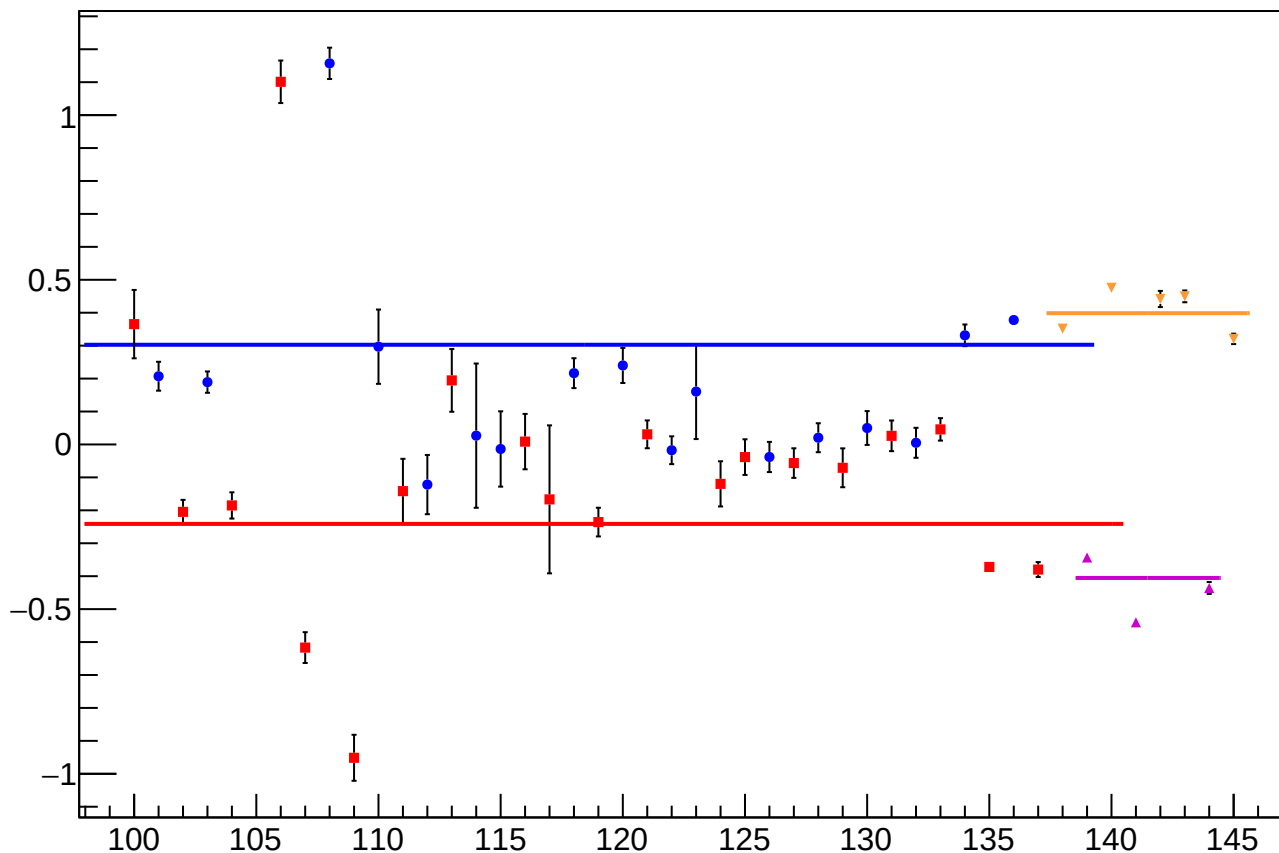
Left In: -14.472 $\pm$ 0.197 χ^2/NDF : 101.0/2

11.786 $\pm$ 0.111 χ^2/NDF : 4155.2/21

1.205 $\pm$ 0.083 χ^2/NDF : 28868.5/44

-12.044 $\pm$ 0.124 χ^2/NDF : 4184.3/22

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.399 ± 0.007 χ^2/NDF : 85.6/4

Right Out: -0.241 ± 0.008 χ^2/NDF : 986.9/19

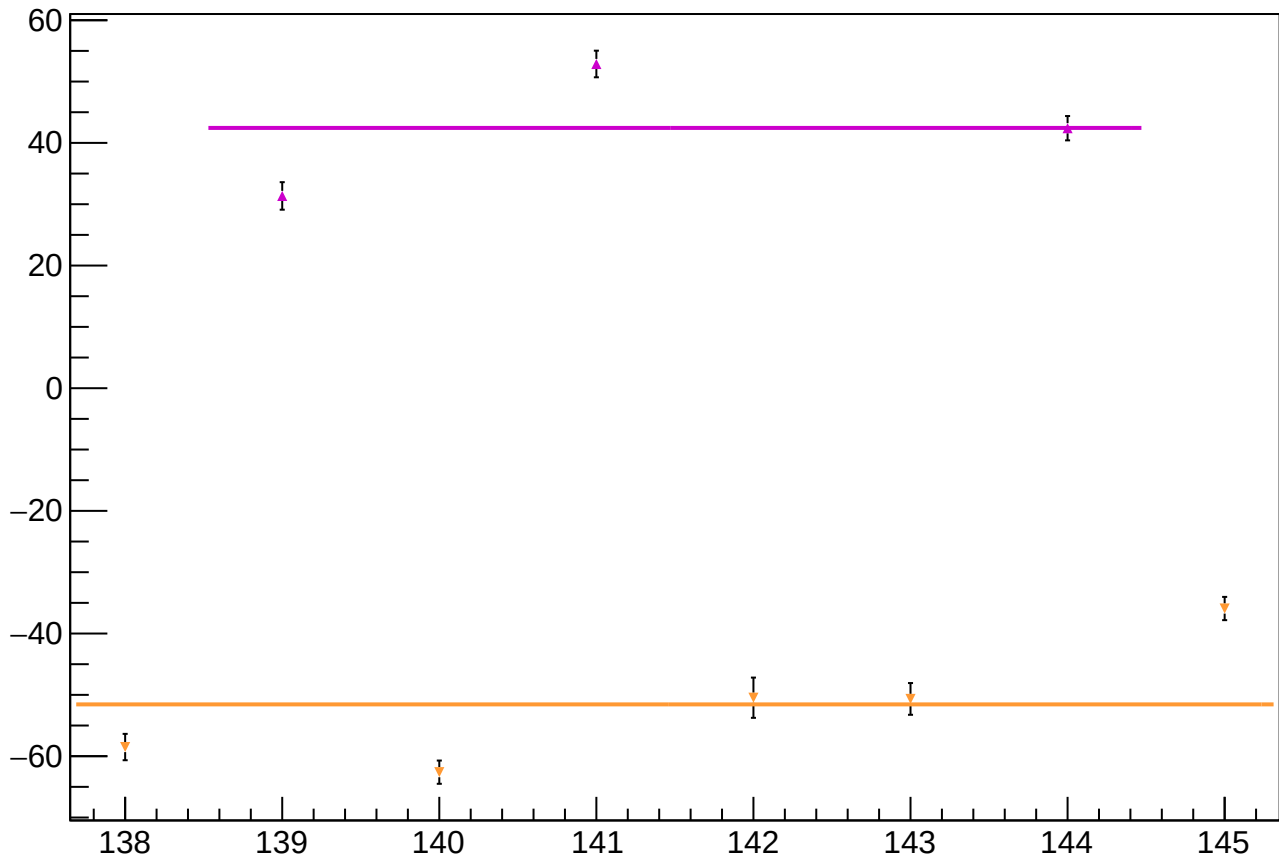
Left In: -0.405 ± 0.007 χ^2/NDF : 128.7/2

0.360 ± 0.005 χ^2/NDF : 813.7/21

0.032 ± 0.004 χ^2/NDF : 10544.2/44

-0.336 ± 0.006 χ^2/NDF : 1331.3/22

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.554+/-0.992 χ^2/NDF : 112.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

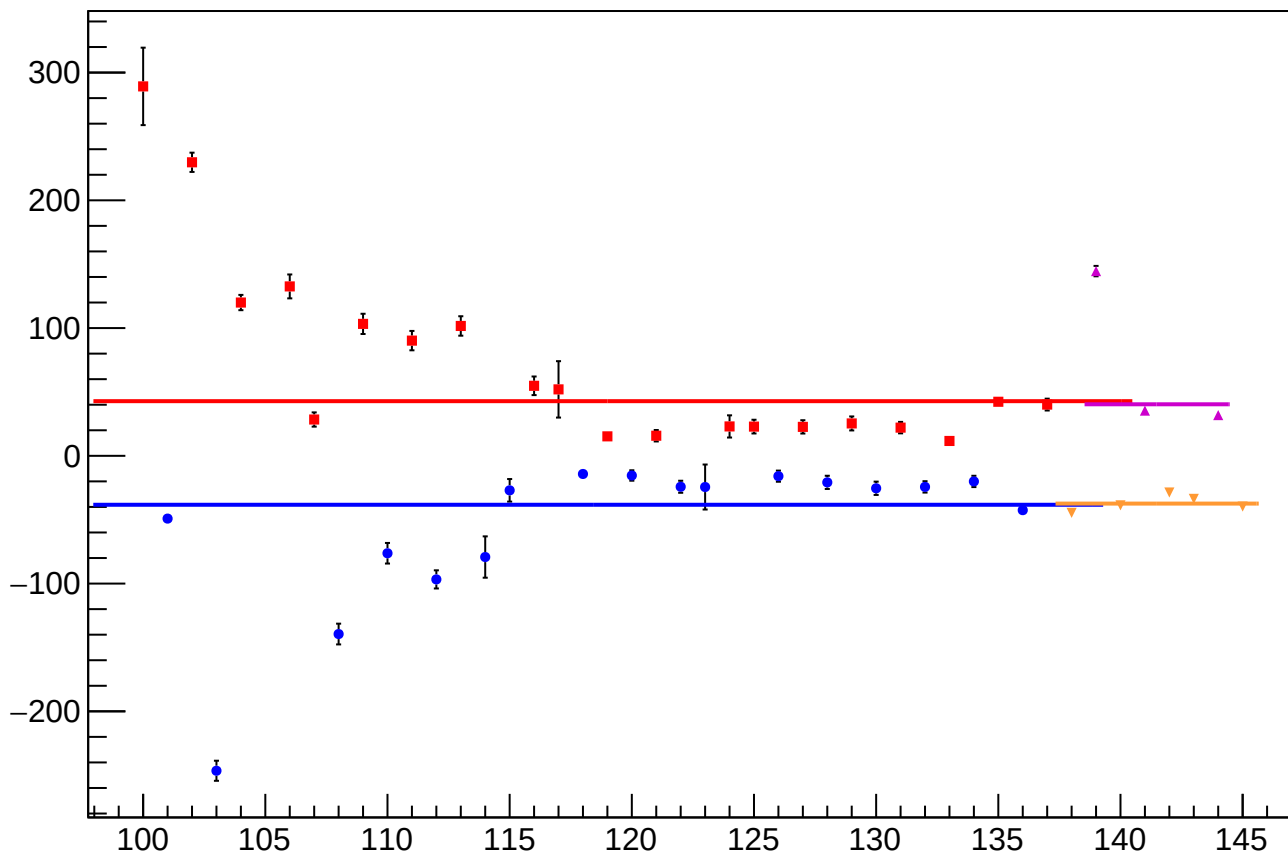
Left In: 42.441+/-1.226 χ^2/NDF : 47.5/2

-51.554+/-0.992 χ^2/NDF : 112.7/4

-14.361+/-0.771 χ^2/NDF : 3709.8/7

42.441+/-1.226 χ^2/NDF : 47.5/2

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309 $\pm$ 1.137 χ^2/NDF : 1132.7/16

Left Out: -37.389 $\pm$ 0.786 χ^2/NDF : 36.9/4

Right Out: 42.784 $\pm$ 1.209 χ^2/NDF : 1341.8/19

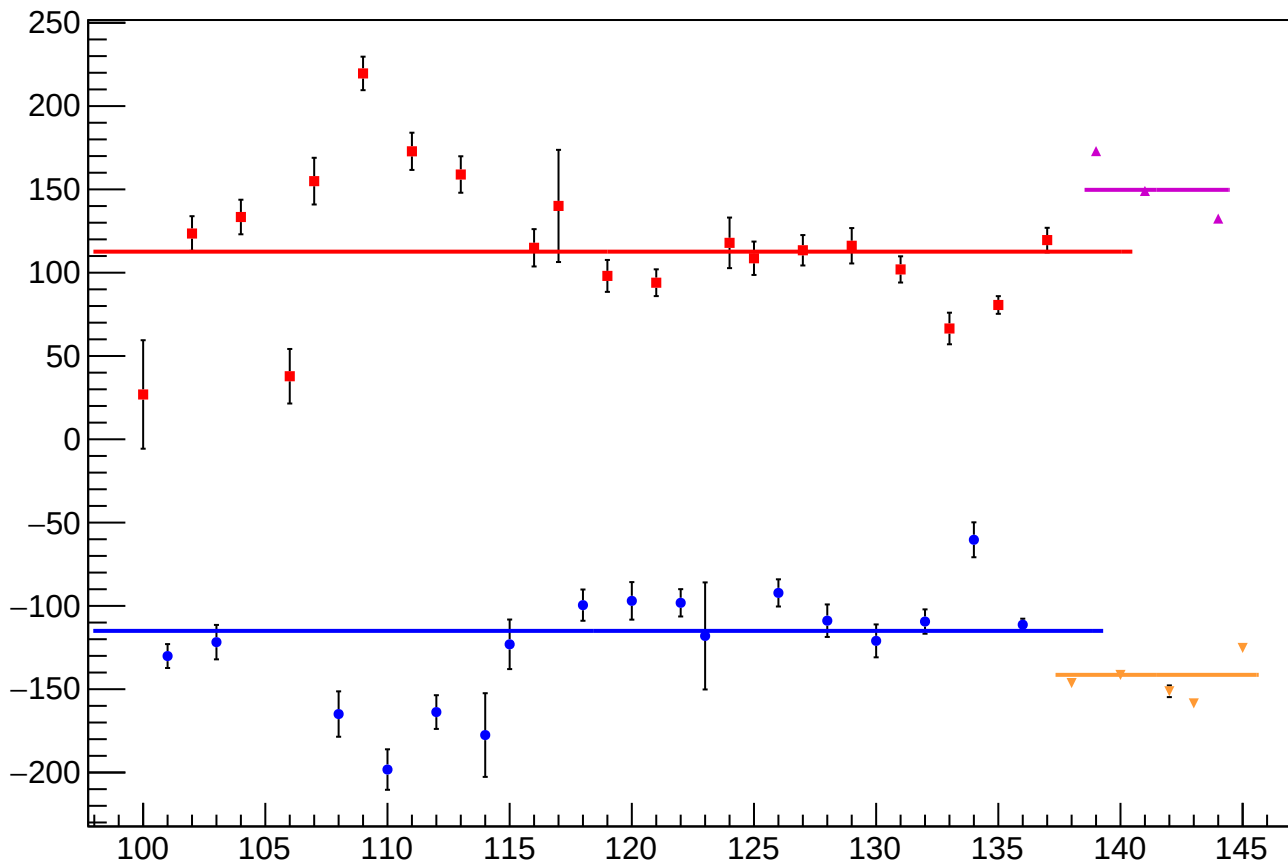
Left In: 40.343 $\pm$ 1.011 χ^2/NDF : 701.6/2

-37.686 $\pm$ 0.646 χ^2/NDF : 1170.0/21

-5.305 $\pm$ 0.497 χ^2/NDF : 9343.2/44

41.348 $\pm$ 0.776 χ^2/NDF : 2045.8/22

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -141.384 ± 1.061 $\chi^2/\text{NDF}: 114.9/4$

Right Out: 112.628 ± 2.202 $\chi^2/\text{NDF}: 273.8/19$

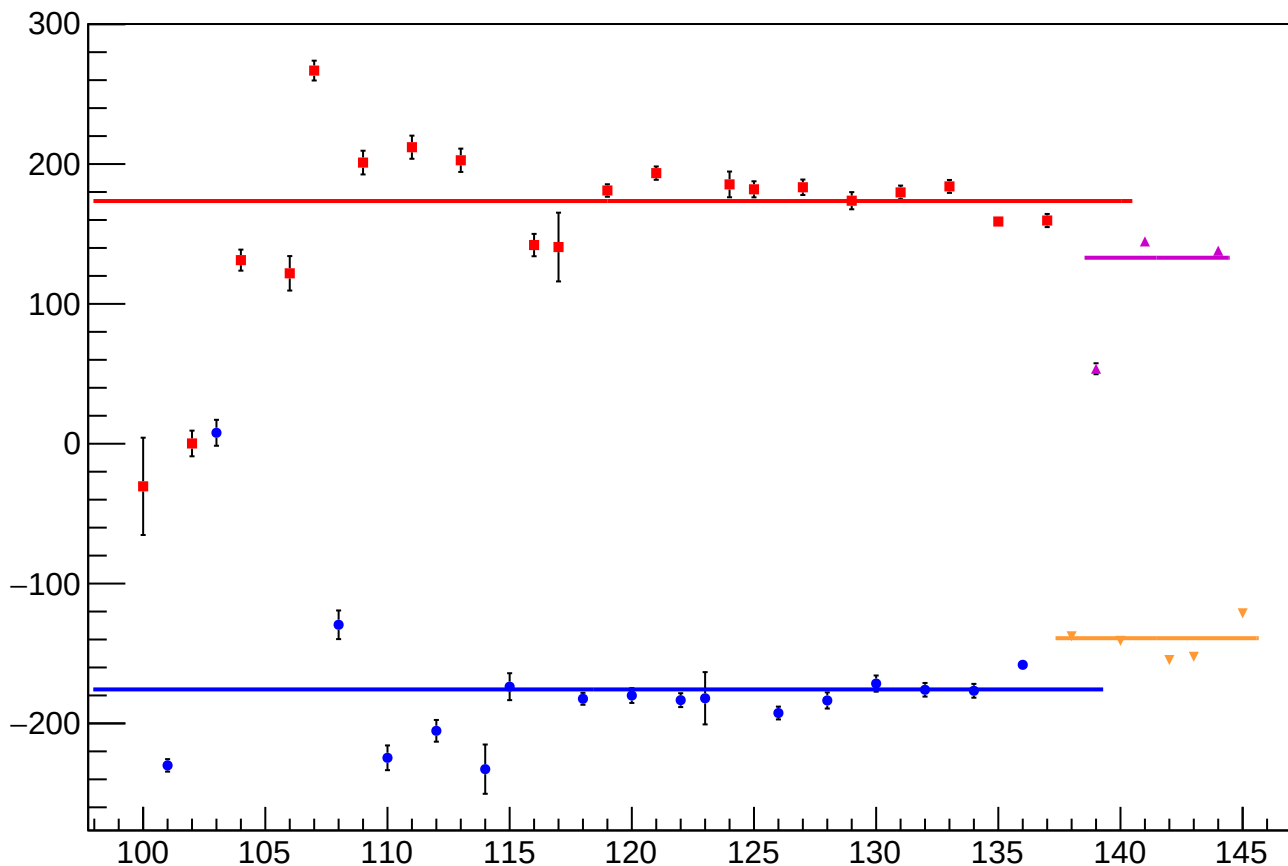
Left In: 149.730 ± 1.314 $\chi^2/\text{NDF}: 157.6/2$

-135.900 ± 0.945 $\chi^2/\text{NDF}: 385.1/21$

-22.242 ± 0.724 $\chi^2/\text{NDF}: 36159.6/44$

139.982 ± 1.129 $\chi^2/\text{NDF}: 640.7/22$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696 $\pm$ 1.268 χ^2 /NDF: 692.9/16

Left Out: -139.072 $\pm$ 0.931 χ^2 /NDF:180.2/4

Right Out: 173.566 $\pm$ 1.354 χ^2 /NDF: 739.5/19

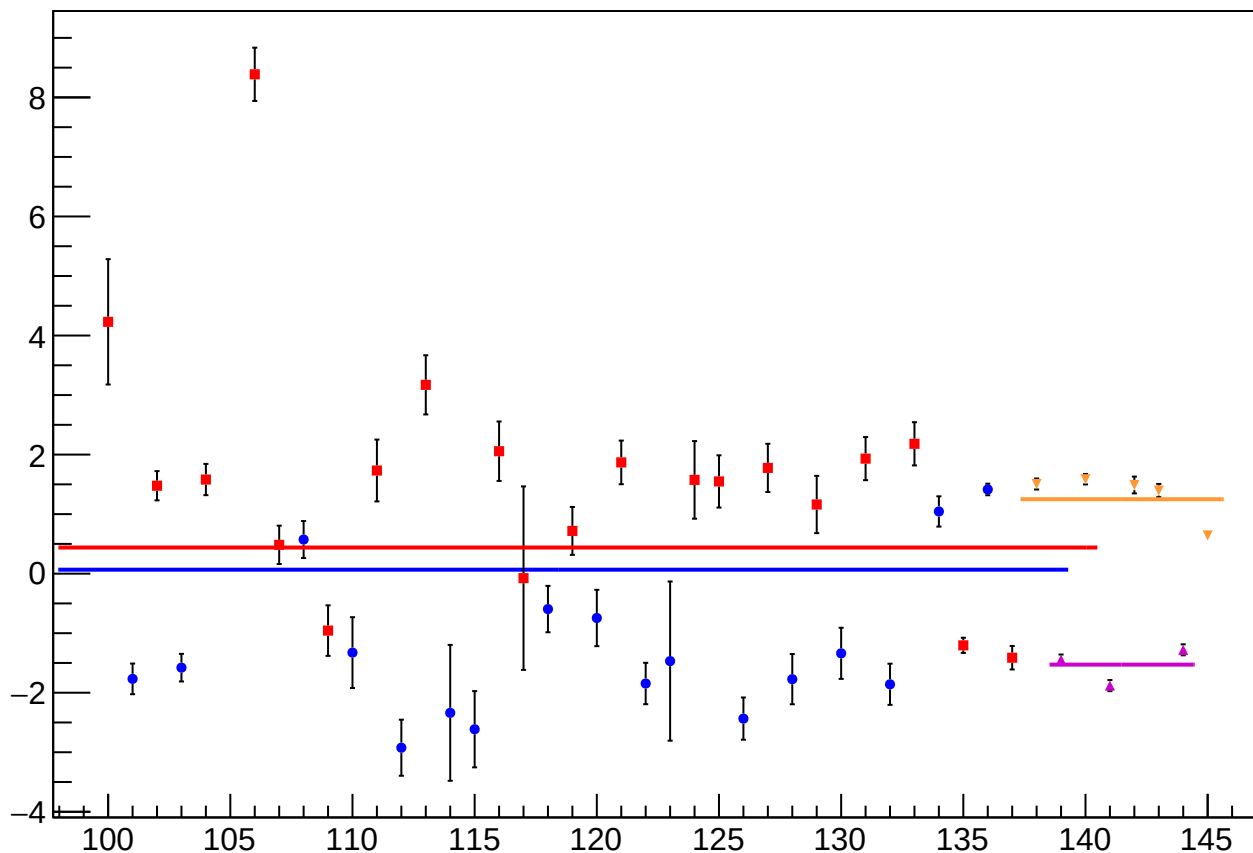
Left In: 132.999 $\pm$ 1.188 χ^2 /NDF:458.1/2

-151.898 $\pm$ 0.750 χ^2 /NDF: 1415.5/21

-26.744 $\pm$ 0.574 χ^2 /NDF: 70408.8/44

150.654 $\pm$ 0.893 χ^2 /NDF: 1704.7/22

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 $\pm$ 0.067 χ^2/NDF : 526.1/16

Left Out: 1.250 $\pm$ 0.043 χ^2/NDF : 86.1/4

Right Out: 0.439 $\pm$ 0.071 χ^2/NDF : 755.0/19

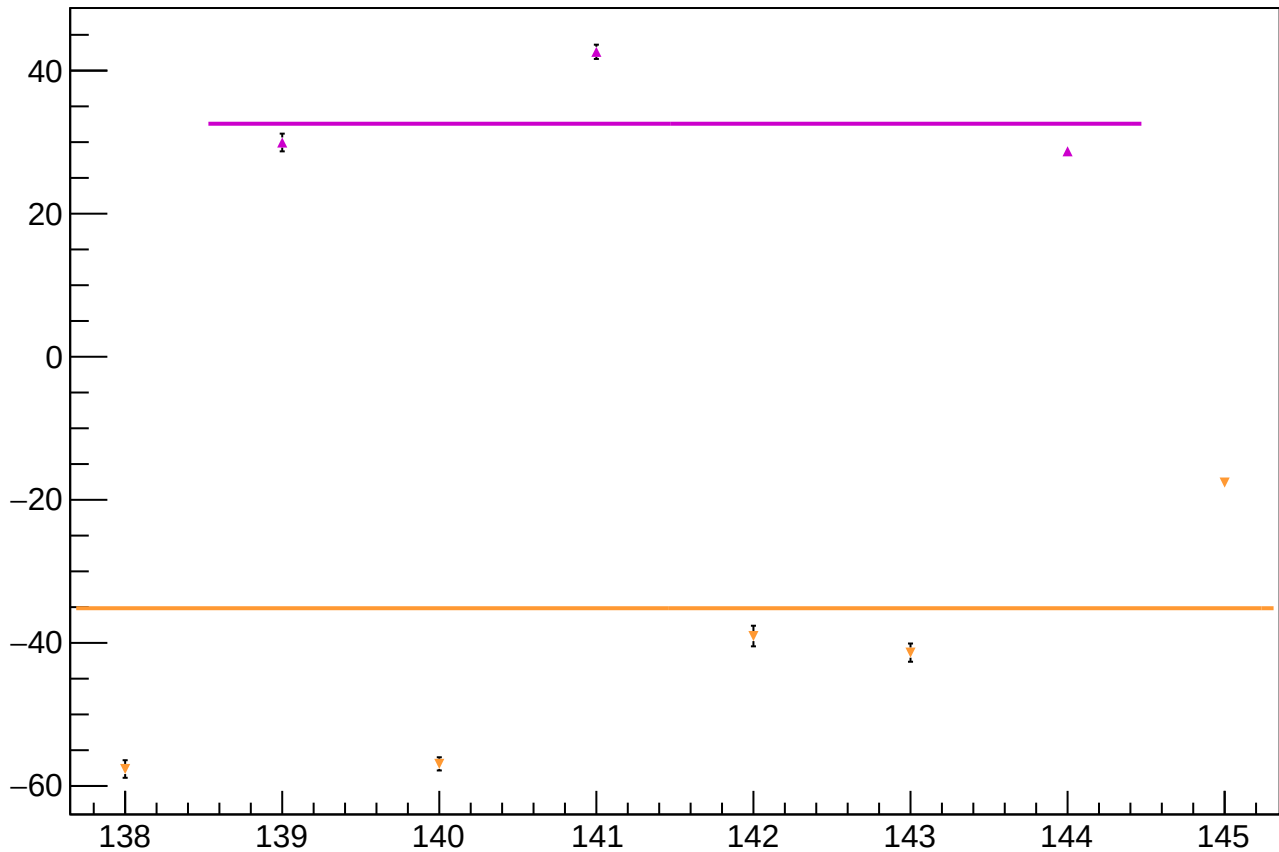
Left In: -1.528 $\pm$ 0.052 χ^2/NDF : 22.5/2

0.904 $\pm$ 0.036 χ^2/NDF : 833.0/21

0.160 $\pm$ 0.027 χ^2/NDF : 3095.8/44

-0.840 $\pm$ 0.042 χ^2/NDF : 1276.0/22

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.154+/-0.424 χ^2/NDF : 1731.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

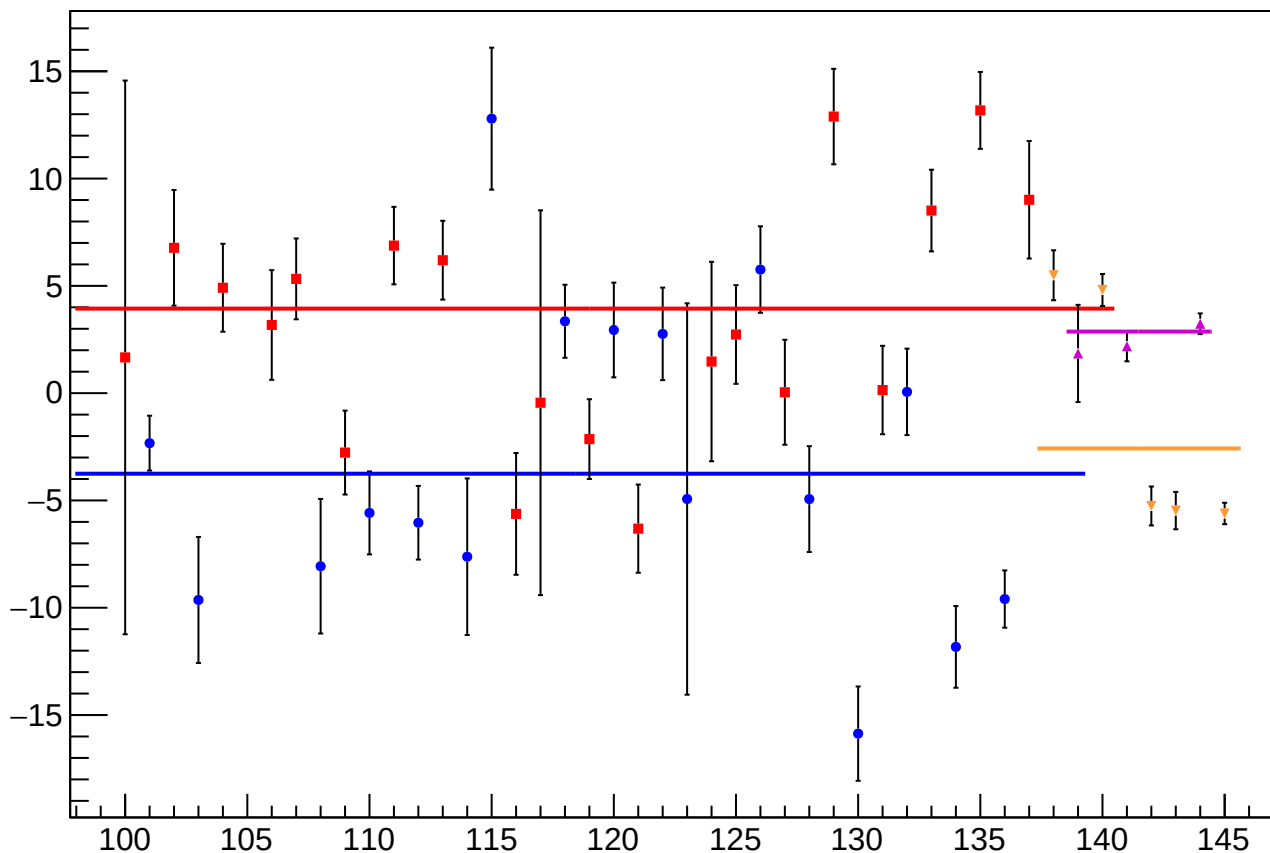
Left In: 32.573+/-0.511 χ^2/NDF : 138.2/2

-35.154+/-0.424 χ^2/NDF : 1731.3/4

-7.524+/-0.326 χ^2/NDF : 12271.8/7

32.573+/-0.511 χ^2/NDF : 138.2/2

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -2.578 ± 0.332 $\chi^2/\text{NDF}: 203.0/4$

Right Out: 3.940 ± 0.506 $\chi^2/\text{NDF}: 123.6/19$

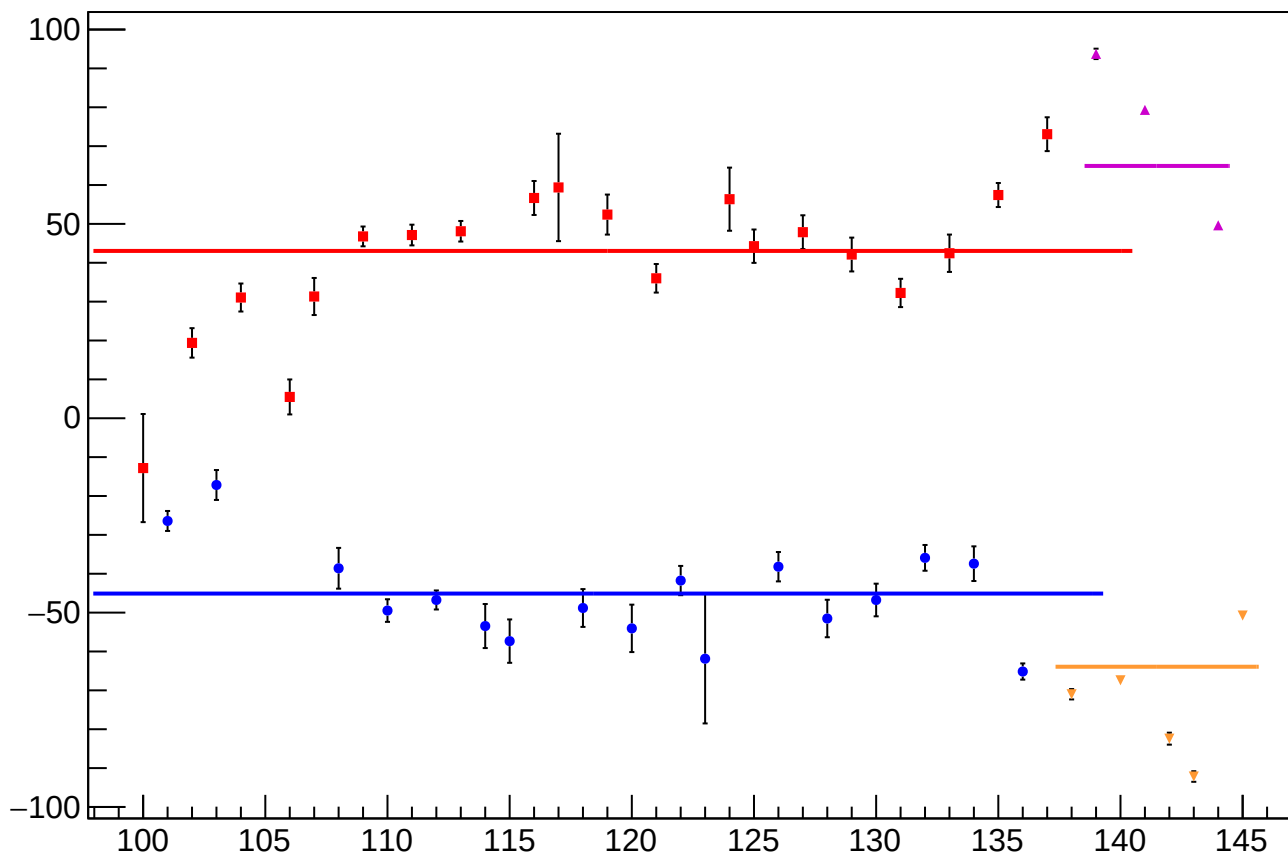
Left In: 2.869 ± 0.392 $\chi^2/\text{NDF}: 1.7/2$

-2.942 ± 0.276 $\chi^2/\text{NDF}: 372.2/21$

-0.201 ± 0.206 $\chi^2/\text{NDF}: 724.6/44$

3.271 ± 0.310 $\chi^2/\text{NDF}: 128.1/22$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101+/-0.881 χ^2/NDF : 229.9/16

Left Out: -63.923+/-0.452 χ^2/NDF : 1020.1/4

Right Out: 43.045+/-0.876 χ^2/NDF : 250.3/19

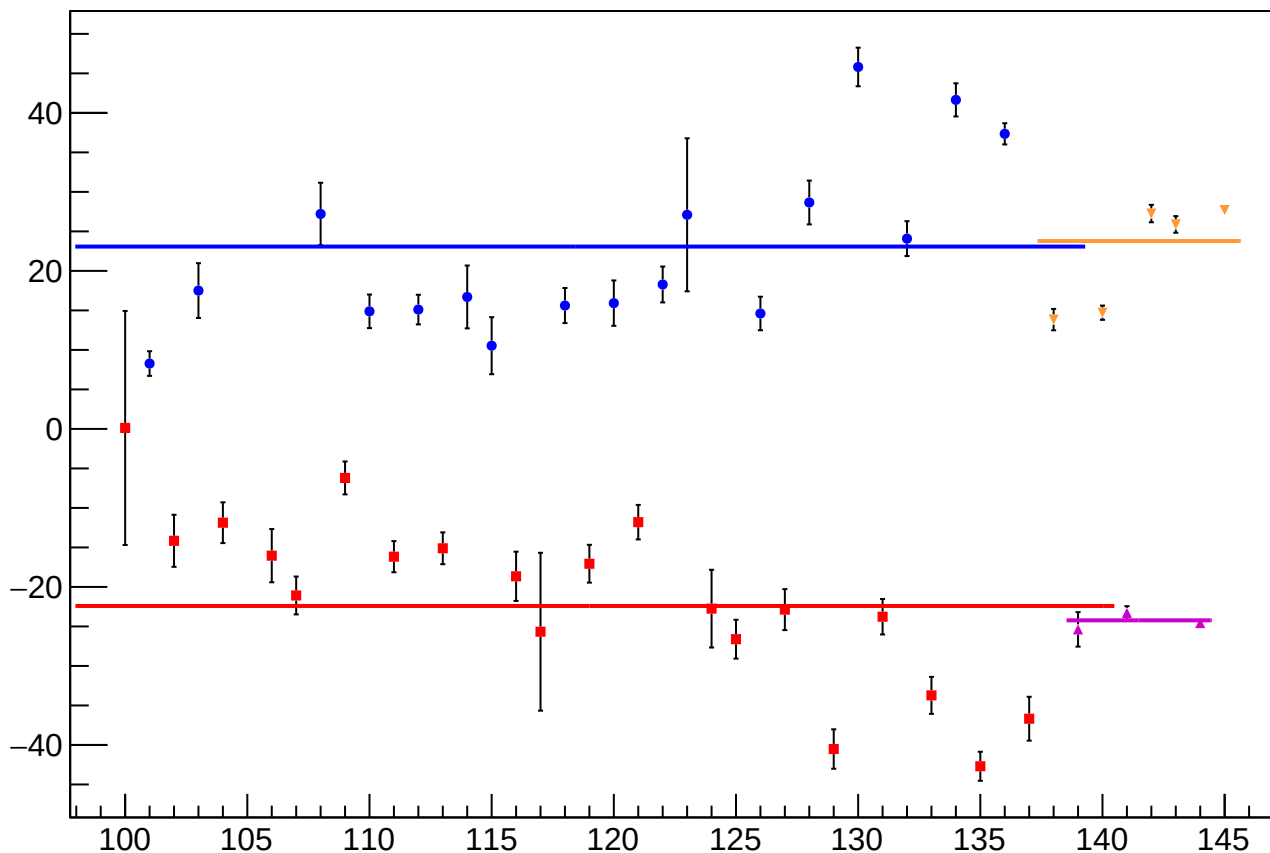
Left In: 64.910+/-0.547 χ^2/NDF : 1090.5/2

-59.996+/-0.402 χ^2/NDF : 1611.3/21

-9.035+/-0.304 χ^2/NDF : 40788.7/44

58.768+/-0.464 χ^2/NDF : 1789.2/22

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079 $\pm$ 0.556 χ^2/NDF : 461.1/16

Left Out: 23.782 $\pm$ 0.392 χ^2/NDF : 215.4/4

Right Out: -22.408 $\pm$ 0.571 χ^2/NDF : 370.4/19

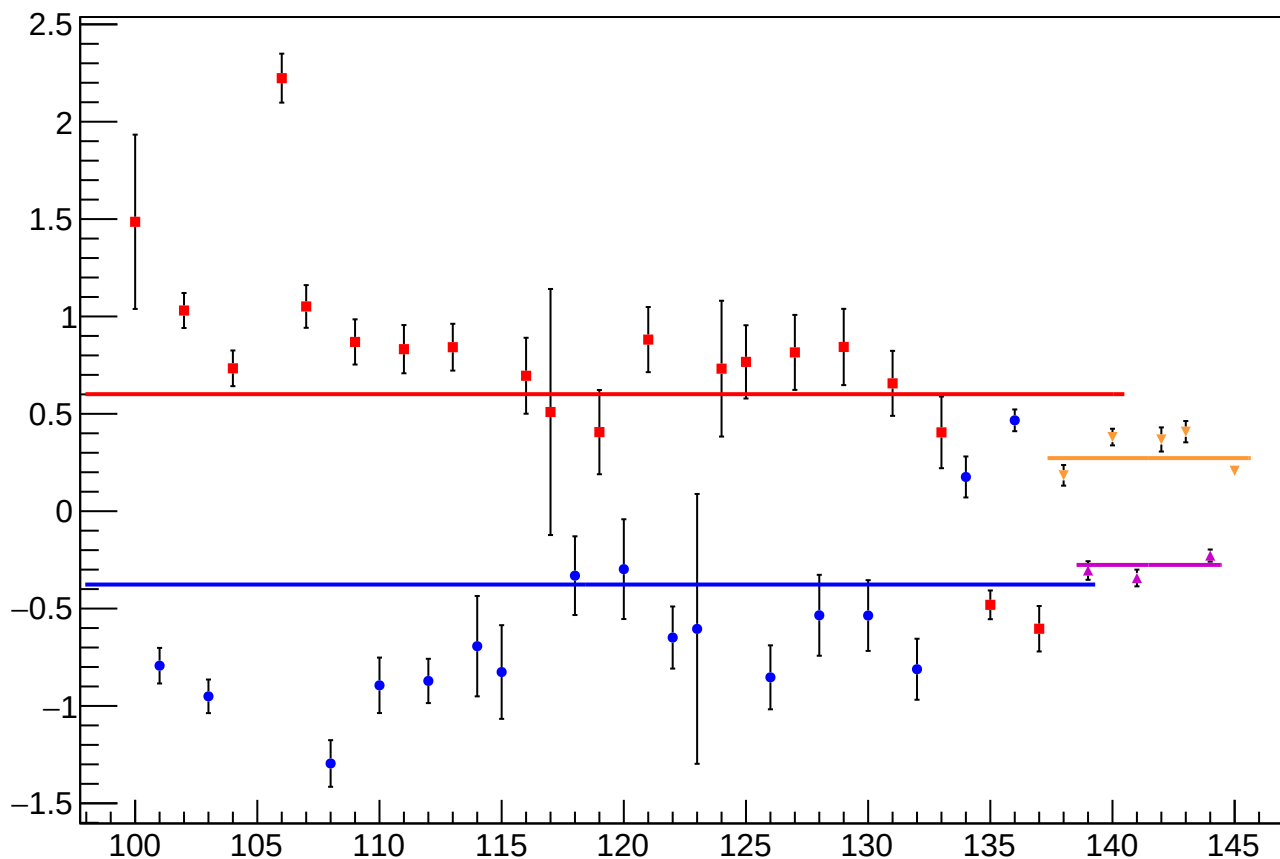
Left In: -24.227 $\pm$ 0.464 χ^2/NDF : 1.9/2

23.549 $\pm$ 0.320 χ^2/NDF : 677.6/21

2.798 $\pm$ 0.239 χ^2/NDF : 10582.2/44

-23.503 $\pm$ 0.360 χ^2/NDF : 378.3/22

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.273 ± 0.018 $\chi^2/\text{NDF}: 24.0/4$

Right Out: 0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/19$

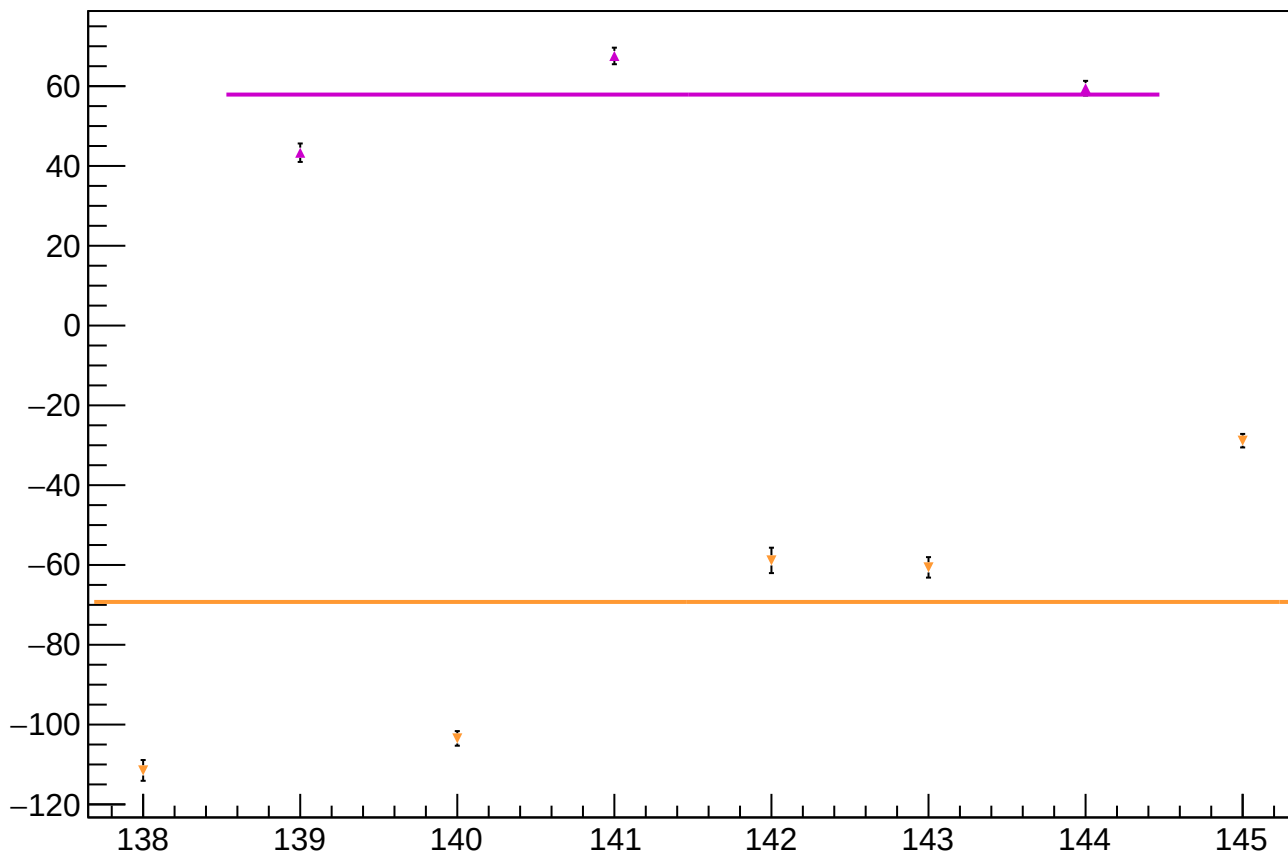
Left In: -0.276 ± 0.022 $\chi^2/\text{NDF}: 5.2/2$

0.098 ± 0.016 $\chi^2/\text{NDF}: 802.0/21$

0.071 ± 0.012 $\chi^2/\text{NDF}: 1916.2/44$

0.035 ± 0.018 $\chi^2/\text{NDF}: 1107.2/22$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -69.264+/-0.979 χ^2/NDF : 1201.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

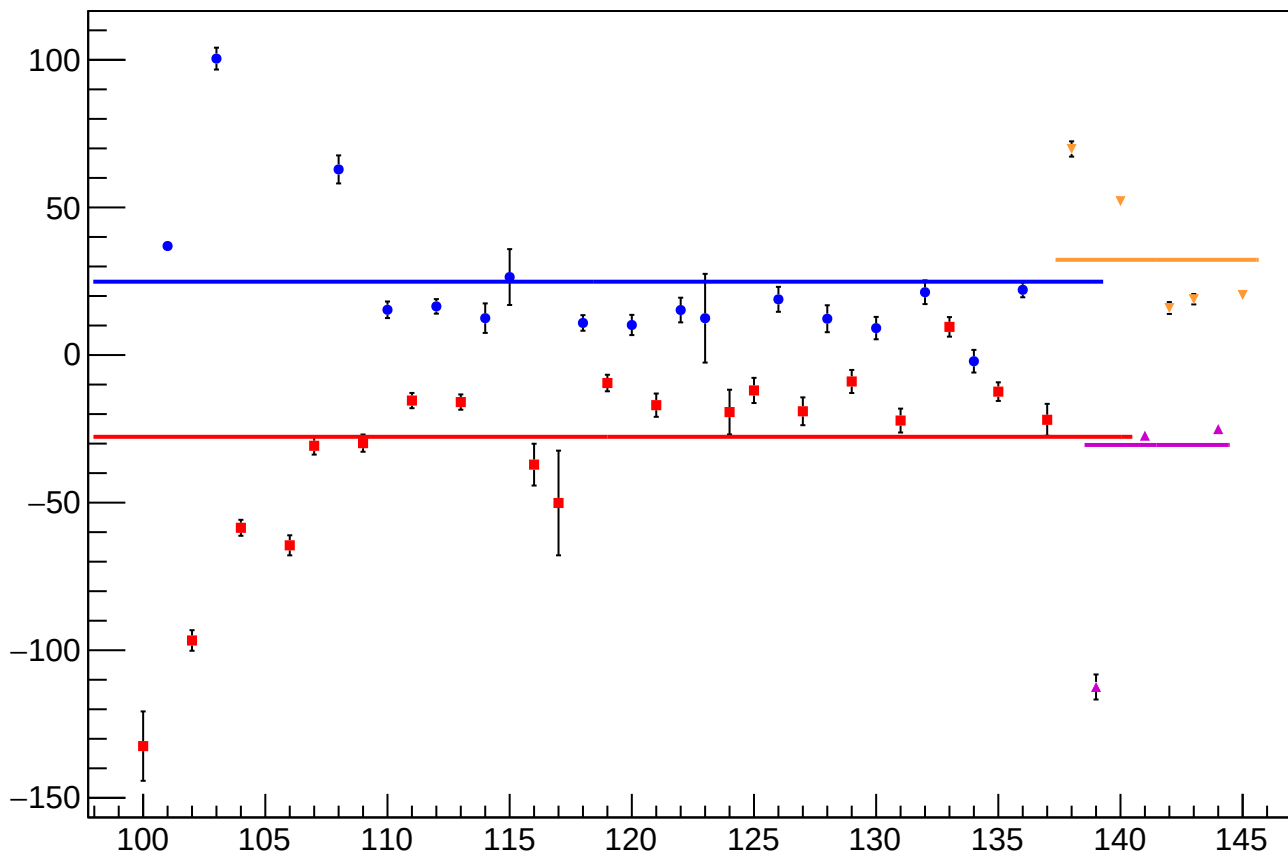
Left In: 57.888+/-1.181 χ^2/NDF : 62.2/2

-69.264+/-0.979 χ^2/NDF : 1201.5/4

-17.515+/-0.754 χ^2/NDF : 8132.3/7

57.888+/-1.181 χ^2/NDF : 62.2/2

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 32.262 $\pm$ 0.773 χ^2 /NDF: 580.9/4

Right Out: -27.695 $\pm$ 0.810 χ^2 /NDF: 1010.8/19

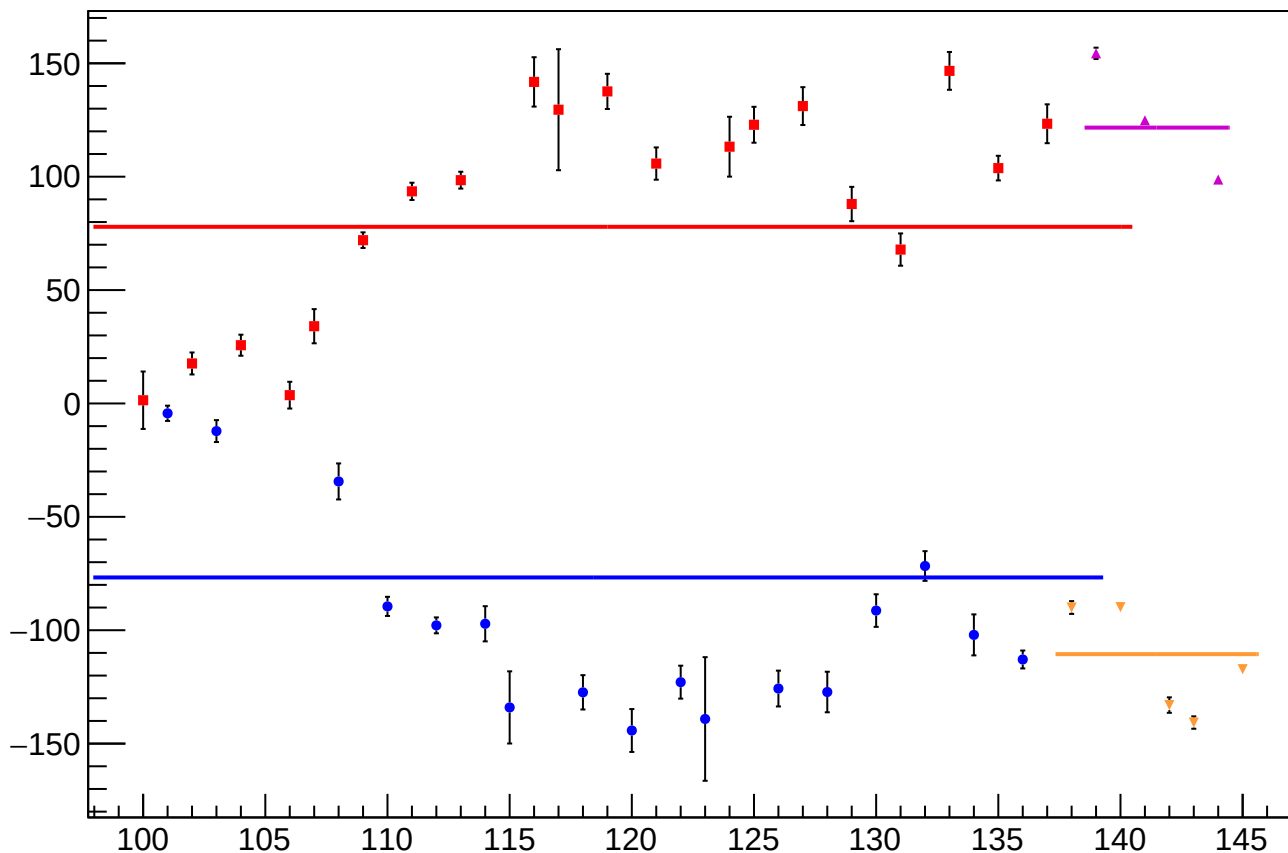
Left In: -30.458 $\pm$ 0.956 χ^2 /NDF: 394.8/2

28.686 $\pm$ 0.556 χ^2 /NDF: 1316.1/21

2.938 $\pm$ 0.413 χ^2 /NDF: 7516.0/44

-28.848 $\pm$ 0.618 χ^2 /NDF: 1410.4/22

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728 $\pm$ 1.412 χ^2/NDF : 1042.0/16

Left Out: -110.556 $\pm$ 1.043 χ^2/NDF : 344.5/4

Right Out: 77.905 $\pm$ 1.351 χ^2/NDF : 875.6/19

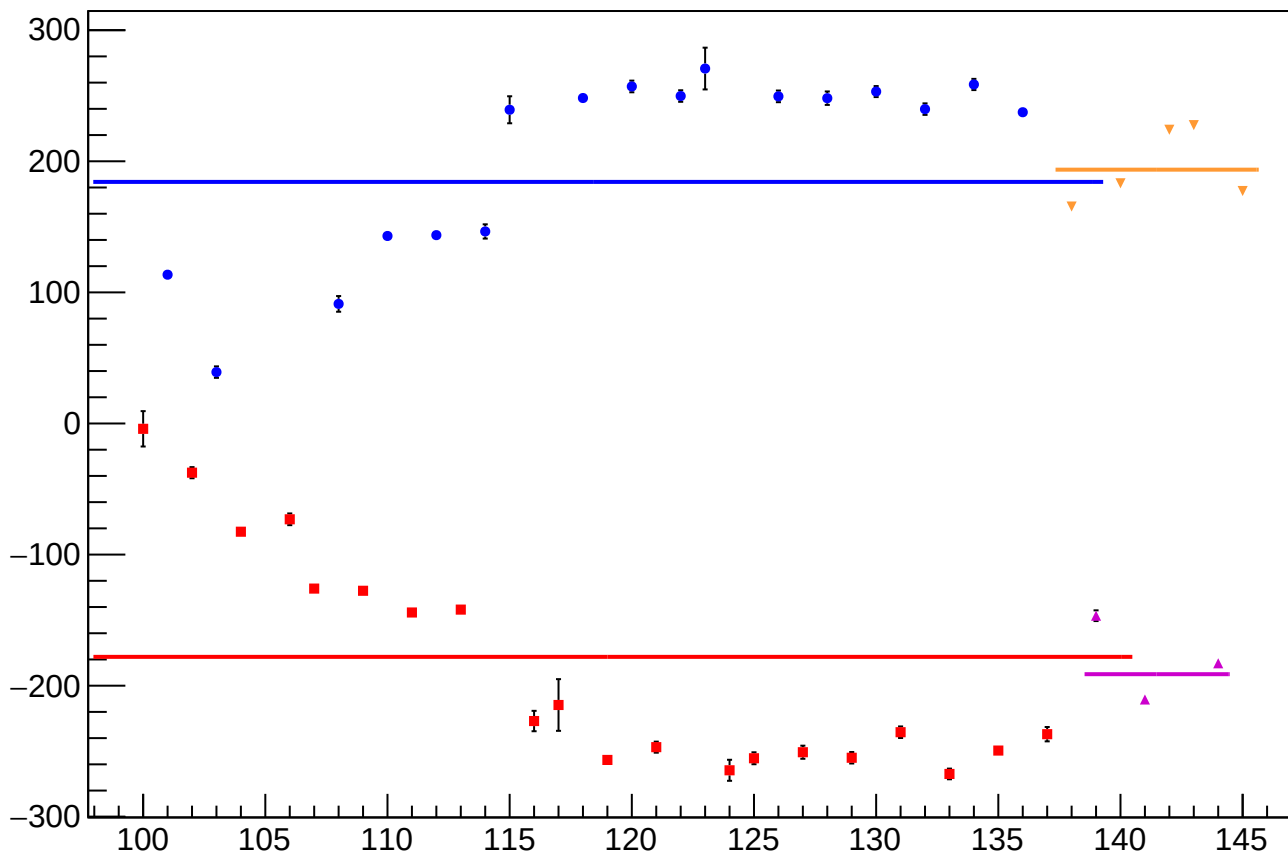
Left In: 121.642 $\pm$ 1.265 χ^2/NDF : 309.9/2

-98.614 $\pm$ 0.839 χ^2/NDF : 1757.7/21

-8.250 $\pm$ 0.621 χ^2/NDF : 29145.7/44

101.194 $\pm$ 0.923 χ^2/NDF : 1743.9/22

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271 $\pm$ 0.914 χ^2/NDF : 5401.0/16

Left Out: 193.608 $\pm$ 0.914 χ^2/NDF : 638.2/4

Right Out: -178.011 $\pm$ 0.923 χ^2/NDF : 6334.4/19

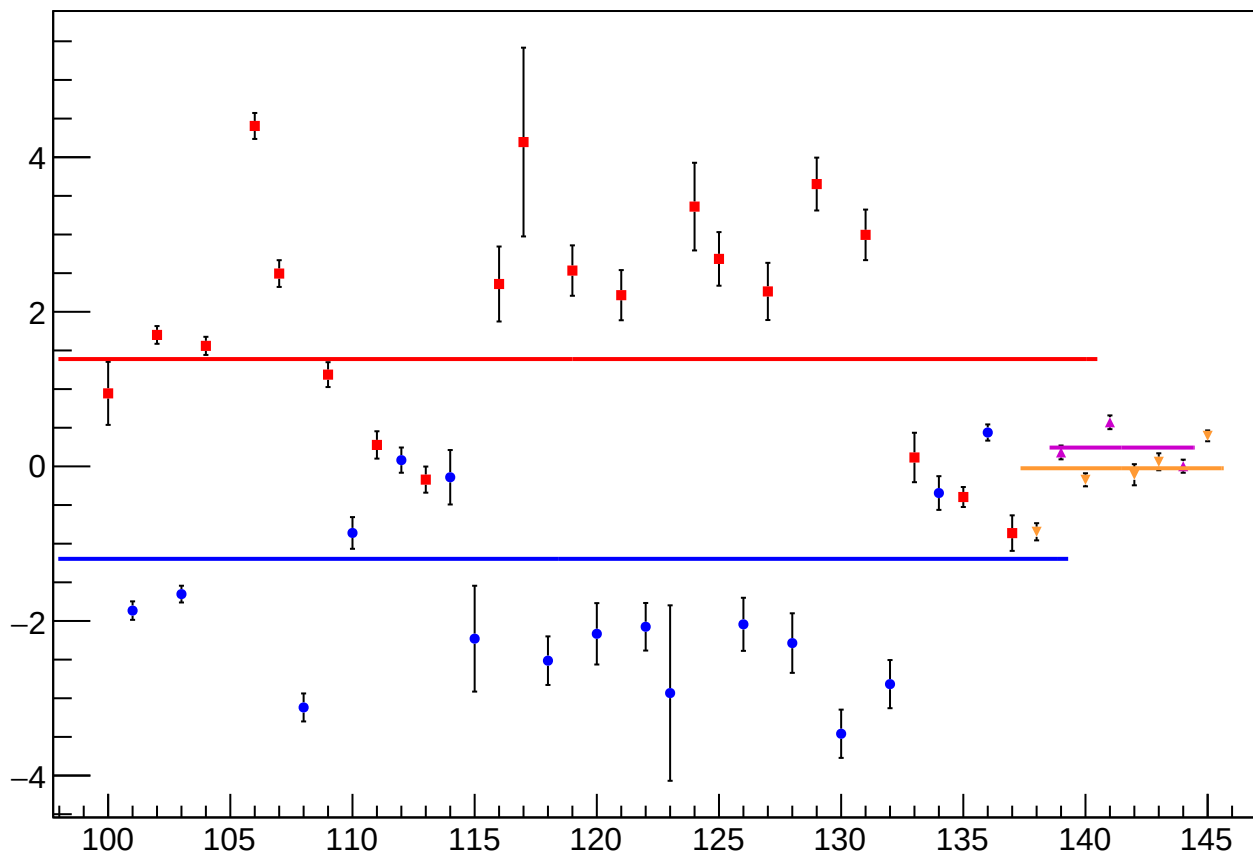
Left In: -191.226 $\pm$ 1.125 χ^2/NDF : 265.4/2

188.939 $\pm$ 0.646 χ^2/NDF : 6091.4/21

21.211 $\pm$ 0.479 χ^2/NDF : 162327.4/44

-183.327 $\pm$ 0.714 χ^2/NDF : 6682.3/22

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.024 ± 0.042 χ^2/NDF : 94.3/4

Right Out: 1.389 ± 0.046 χ^2/NDF : 929.7/19

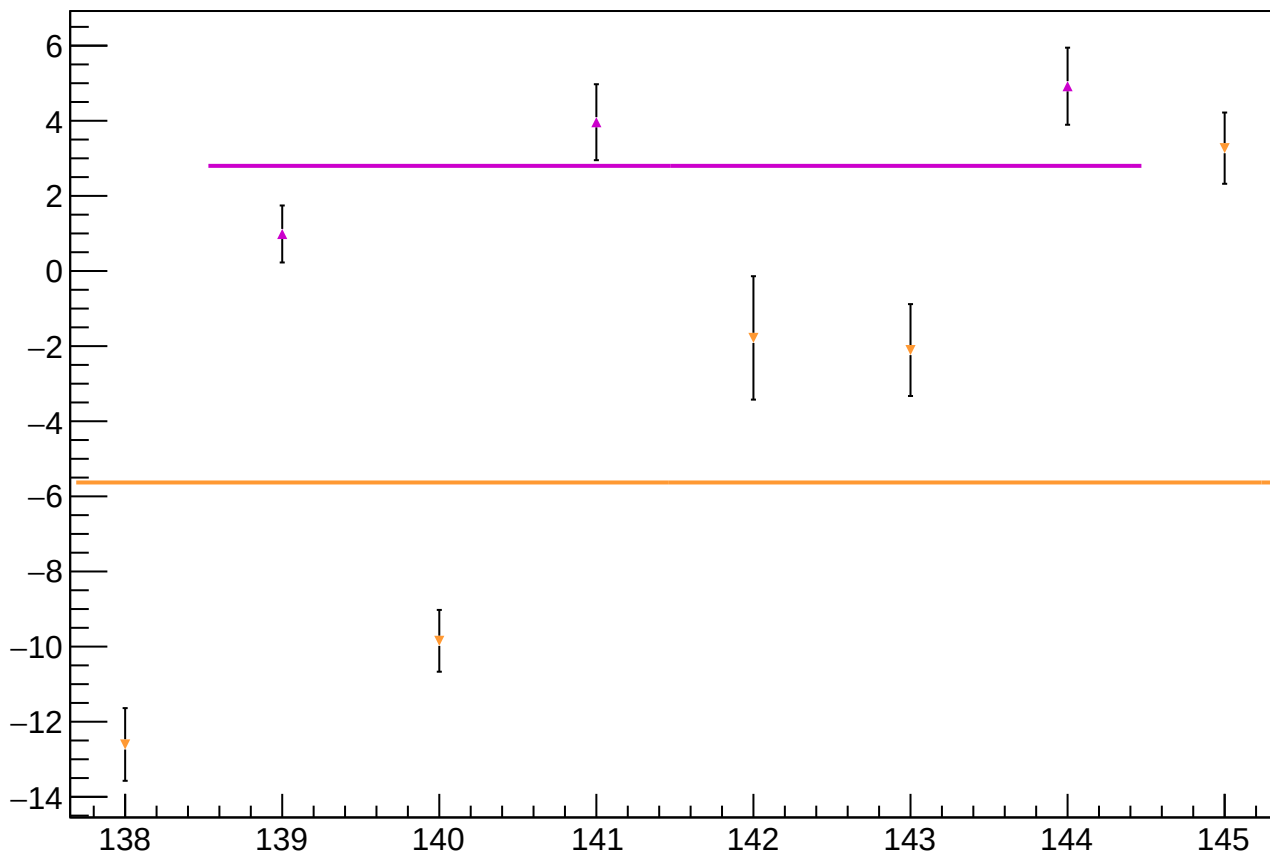
Left In: 0.243 ± 0.051 χ^2/NDF : 22.1/2

-0.536 ± 0.032 χ^2/NDF : 1052.3/21

0.122 ± 0.023 χ^2/NDF : 3205.5/44

0.874 ± 0.034 χ^2/NDF : 1233.8/22

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -5.630+/-0.461 χ^2/NDF : 180.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

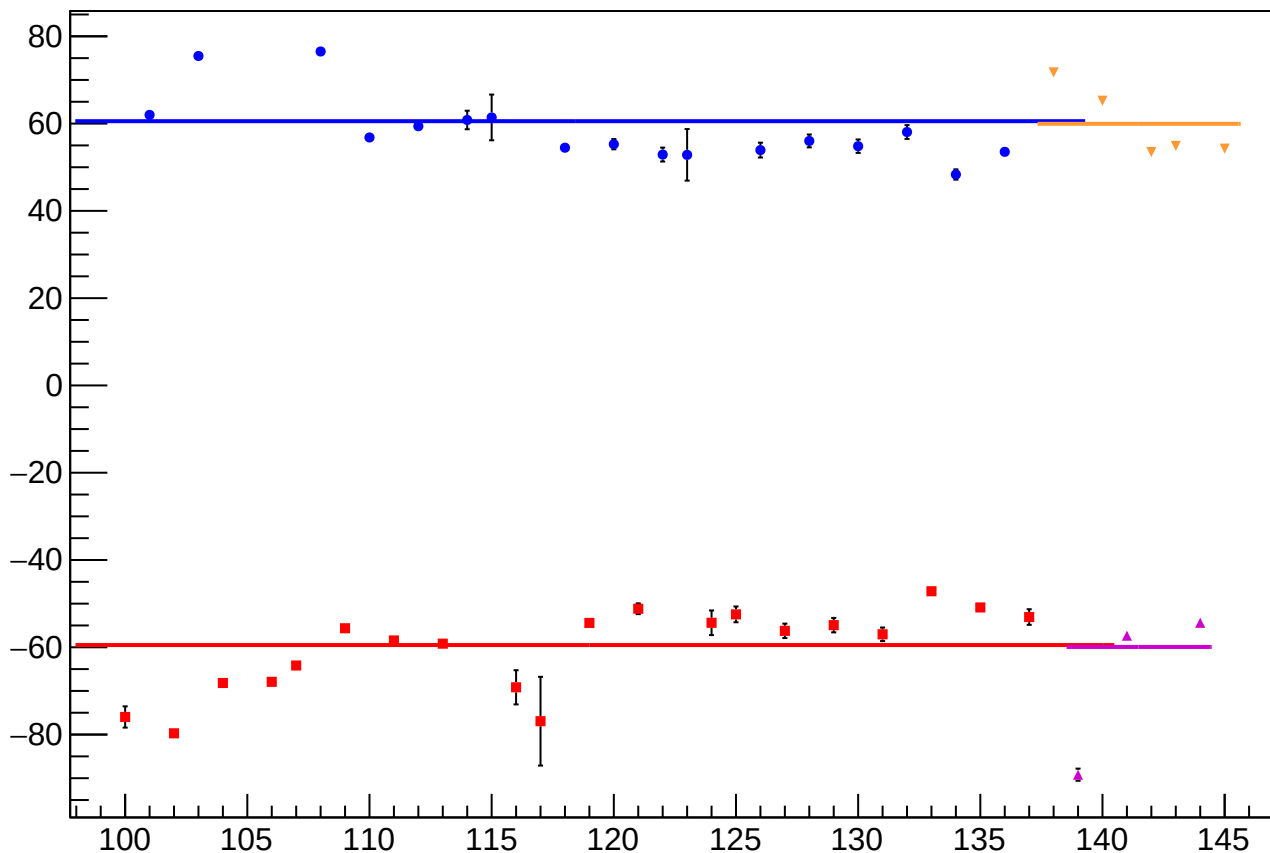
Left In: 2.800+/-0.522 χ^2/NDF : 11.3/2

-5.630+/-0.461 χ^2/NDF : 180.1/4

-1.935+/-0.346 χ^2/NDF : 337.7/7

2.800+/-0.522 χ^2/NDF : 11.3/2

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 59.951 $\pm$ 0.379 χ^2 /NDF:313.3/4

Right Out: -59.488 $\pm$ 0.248 χ^2 /NDF: 1319.9/19

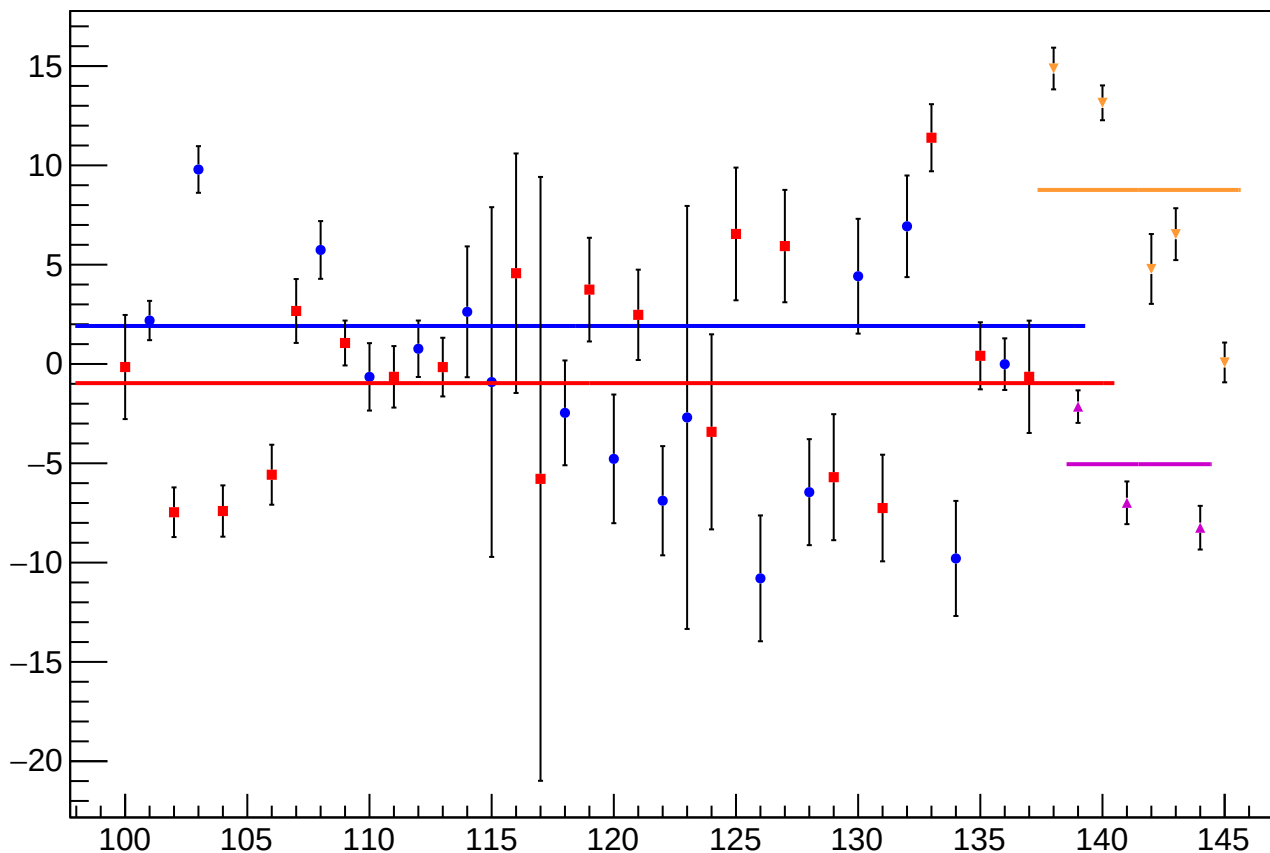
Left In: -59.922 $\pm$ 0.486 χ^2 /NDF:508.4/2

60.360 $\pm$ 0.215 χ^2 /NDF: 1245.8/21

1.888 $\pm$ 0.154 χ^2 /NDF: 154364.6/44

-59.577 $\pm$ 0.221 χ^2 /NDF: 1829.0/22

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 8.763 ± 0.493 χ^2/NDF : 142.1/4

Right Out: -0.964 ± 0.424 χ^2/NDF : 149.6/19

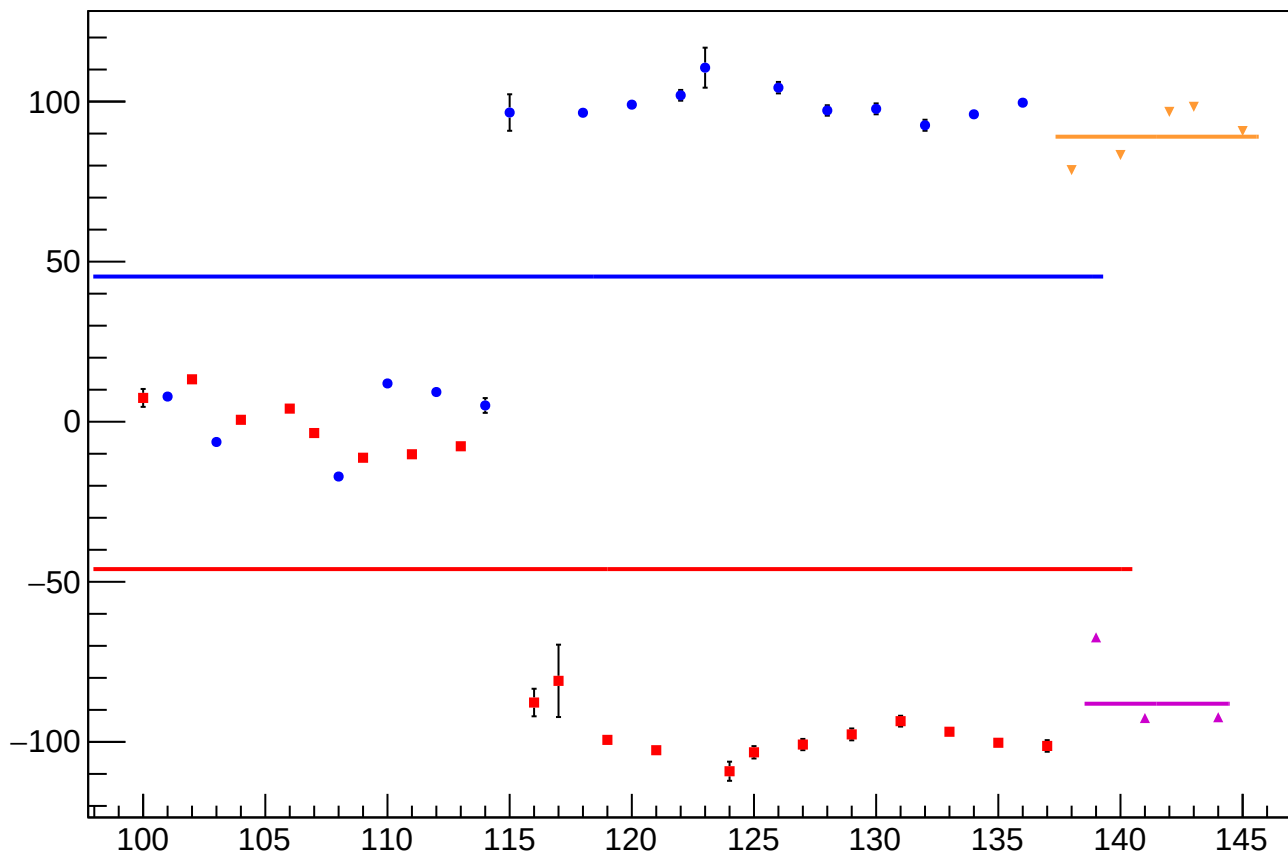
Left In: -5.045 ± 0.560 χ^2/NDF : 24.3/2

5.085 ± 0.335 χ^2/NDF : 367.4/21

1.348 ± 0.238 χ^2/NDF : 825.2/44

-2.450 ± 0.338 χ^2/NDF : 207.5/22

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF : 25071.0/16

Left Out: 89.027+/-0.446 χ^2/NDF : 253.8/4

Right Out: -46.030+/-0.289 χ^2/NDF : 28229.5/19

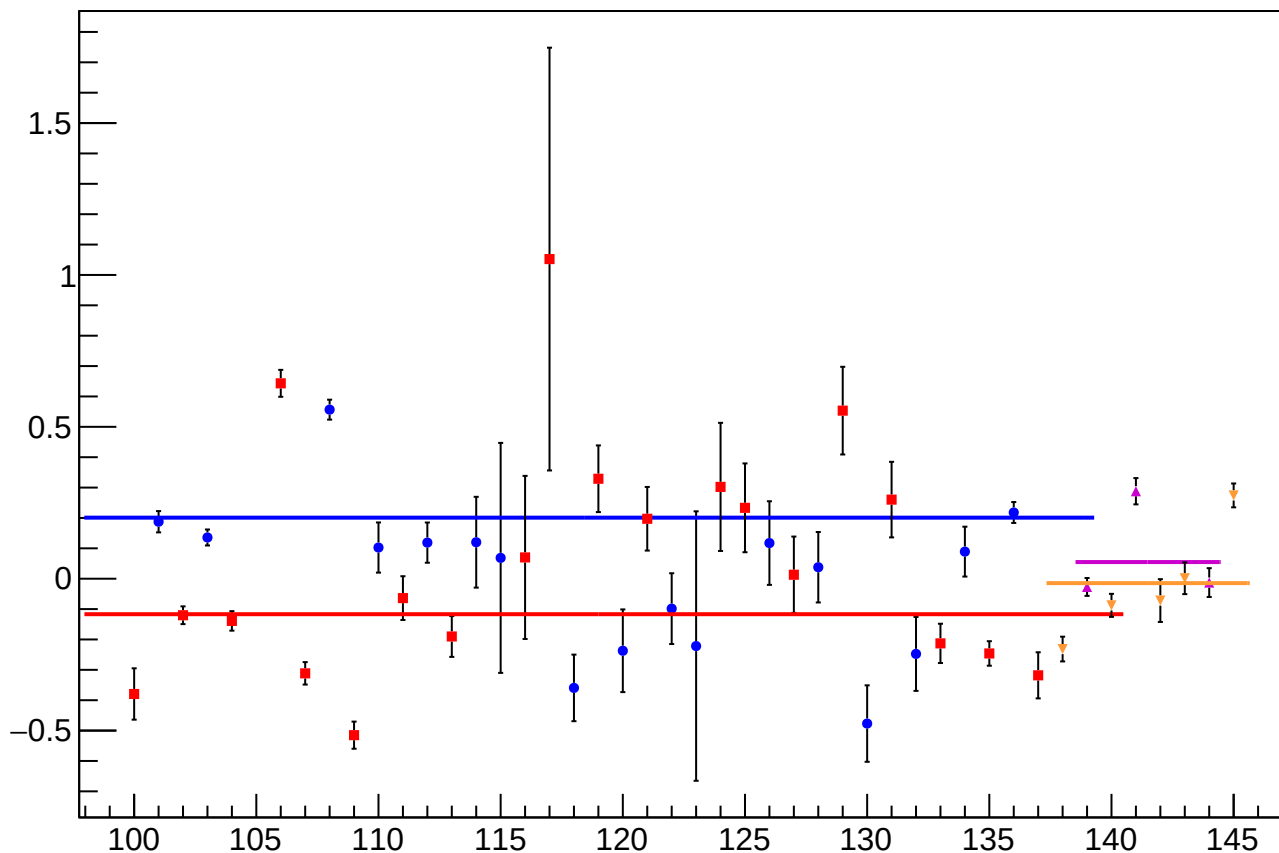
Left In: -88.075+/-0.560 χ^2/NDF : 286.8/2

59.146+/-0.251 χ^2/NDF : 31881.6/21

3.547+/-0.180 χ^2/NDF : 165639.2/44

-54.884+/-0.257 χ^2/NDF : 32962.1/22

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.015 ± 0.020 χ^2/NDF : 87.0/4

Right Out: -0.117 ± 0.013 χ^2/NDF : 503.0/19

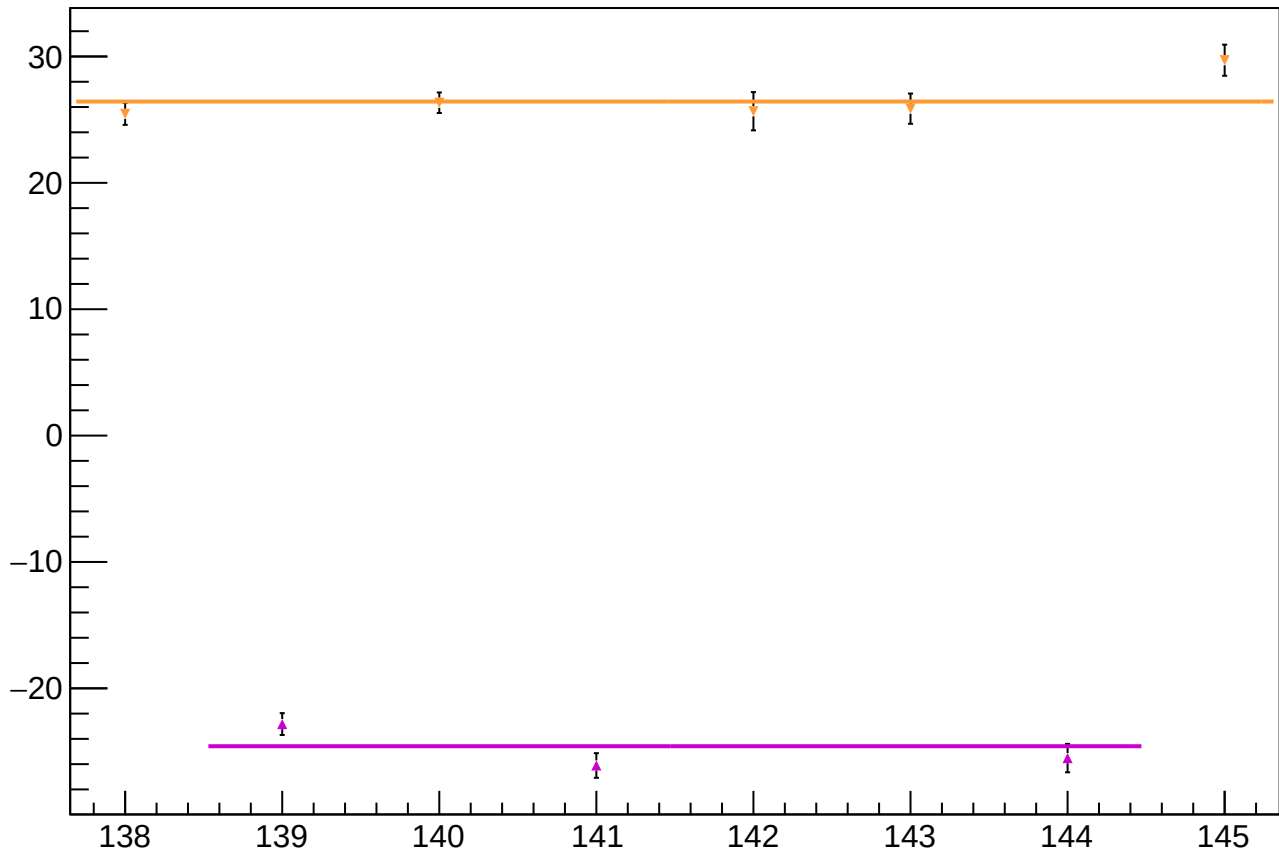
Left In: 0.055 ± 0.022 χ^2/NDF : 38.8/2

0.130 ± 0.011 χ^2/NDF : 383.0/21

0.026 ± 0.008 χ^2/NDF : 1128.5/44

-0.071 ± 0.011 χ^2/NDF : 588.0/22

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.435+/-0.465 χ^2/NDF : 8.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

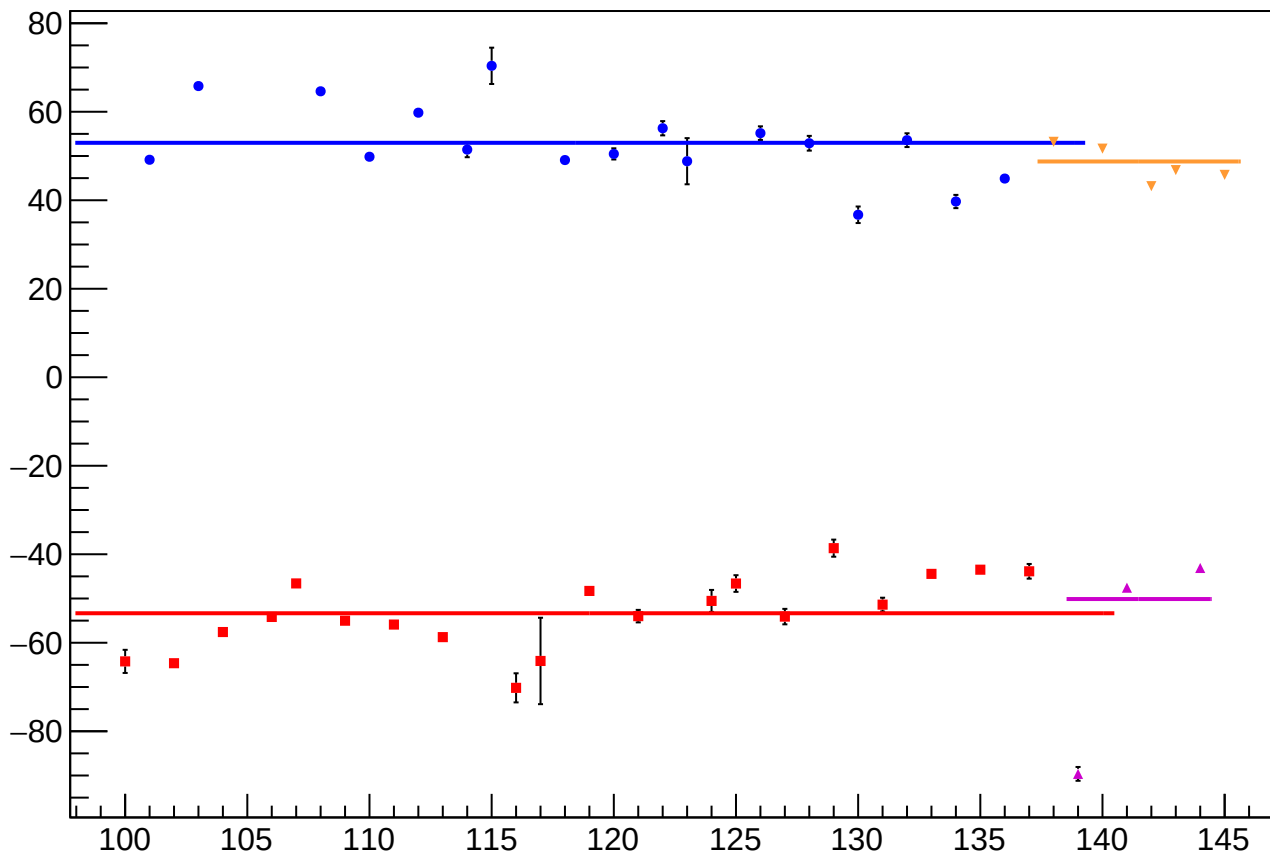
Left In: -24.582+/-0.561 χ^2/NDF : 7.3/2

26.435+/-0.465 χ^2/NDF : 8.8/4

5.657+/-0.358 χ^2/NDF : 4922.5/7

-24.582+/-0.561 χ^2/NDF : 7.3/2

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981+/-0.210 χ^2/NDF : 1197.8/16

Left Out: 48.761+/-0.378 χ^2/NDF : 91.5/4

Right Out: -53.333+/-0.227 χ^2/NDF : 873.9/19

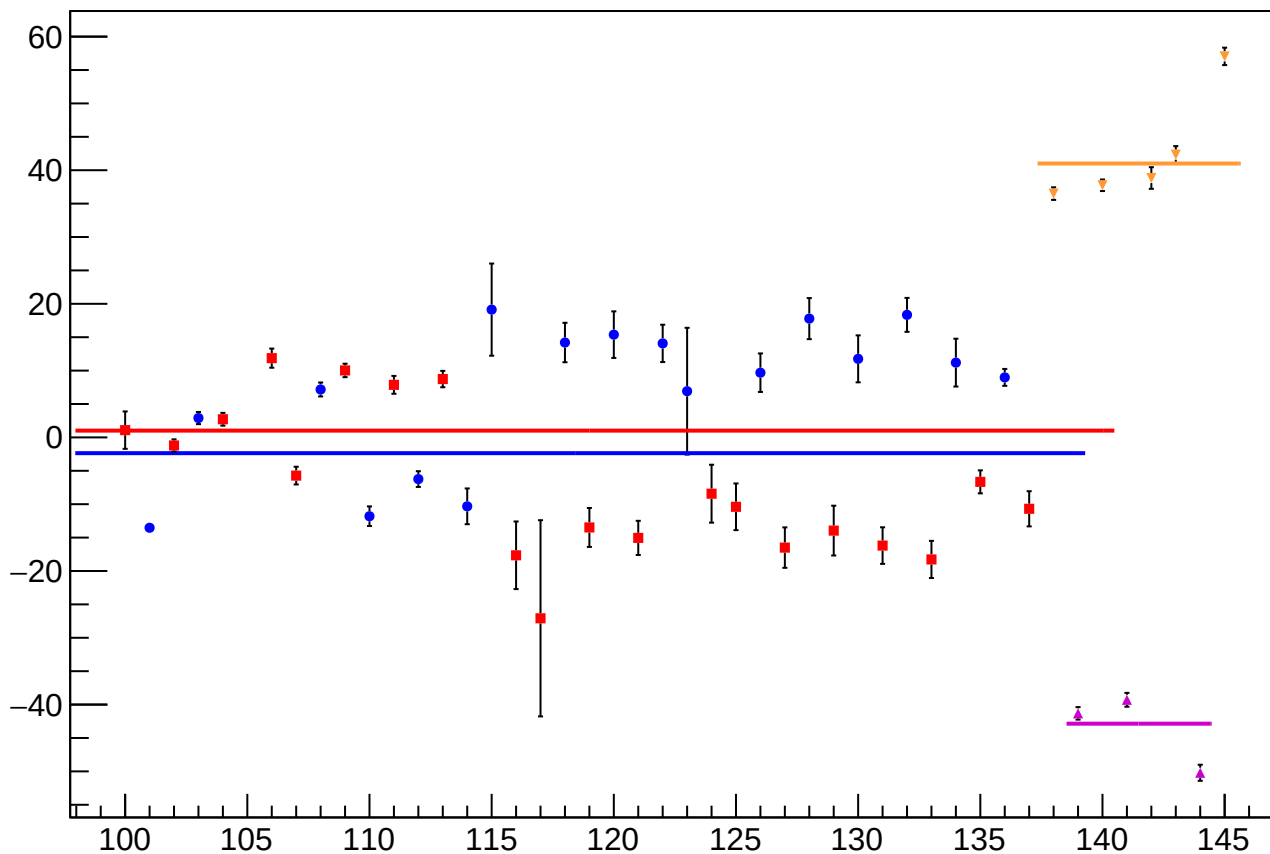
Left In: -50.121+/-0.499 χ^2/NDF : 729.0/2

51.986+/-0.184 χ^2/NDF : 1384.4/21

5.660+/-0.137 χ^2/NDF : 146836.4/44

-52.784+/-0.206 χ^2/NDF : 1637.3/22

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 41.004 ± 0.498 χ^2/NDF : 190.8/4

Right Out: 1.016 ± 0.377 χ^2/NDF : 511.4/19

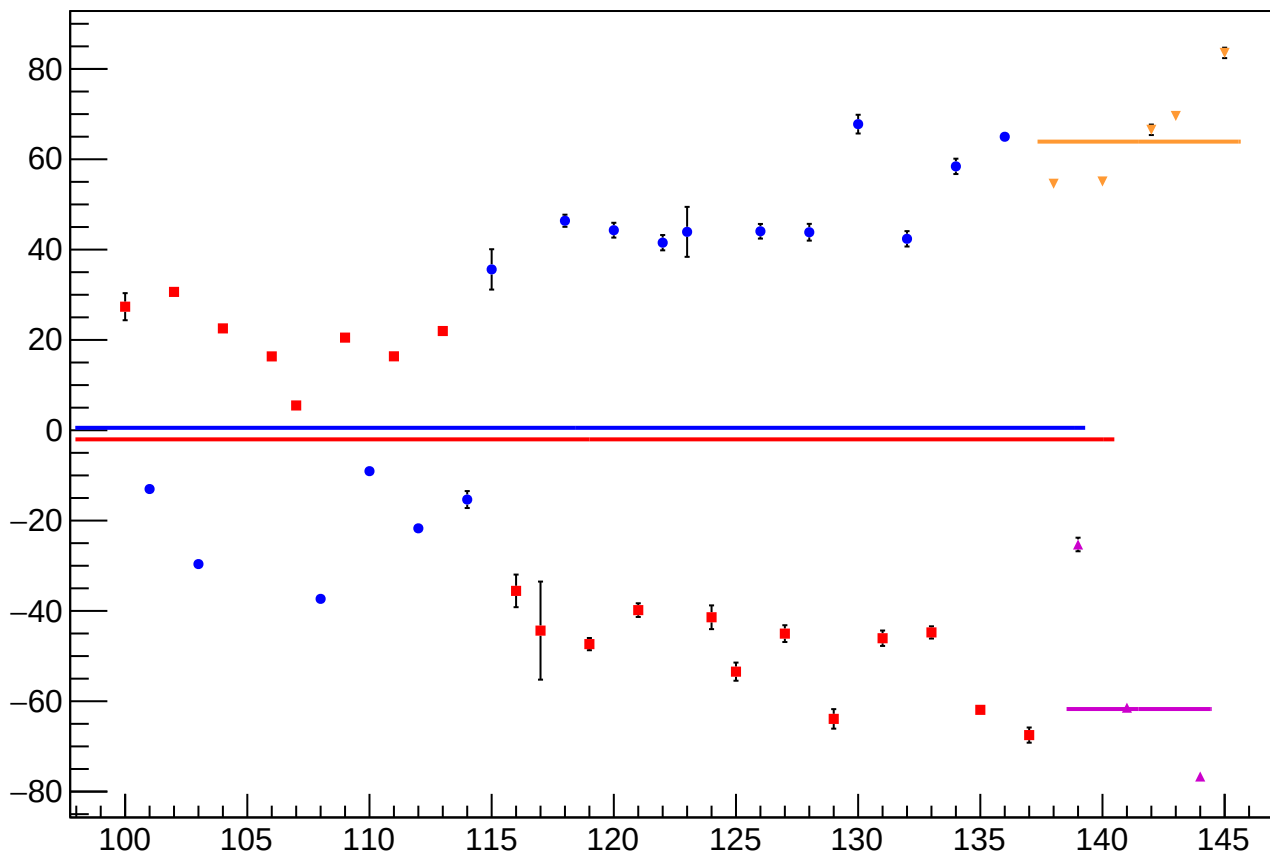
Left In: -42.858 ± 0.602 χ^2/NDF : 52.0/2

12.741 ± 0.294 χ^2/NDF : 5979.5/21

1.702 ± 0.216 χ^2/NDF : 13446.0/44

-11.346 ± 0.319 χ^2/NDF : 4384.0/22

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF : 18423.8/16

Left Out: 63.910+/-0.448 χ^2/NDF : 529.1/4

Right Out: -2.015+/-0.266 χ^2/NDF : 15491.9/19

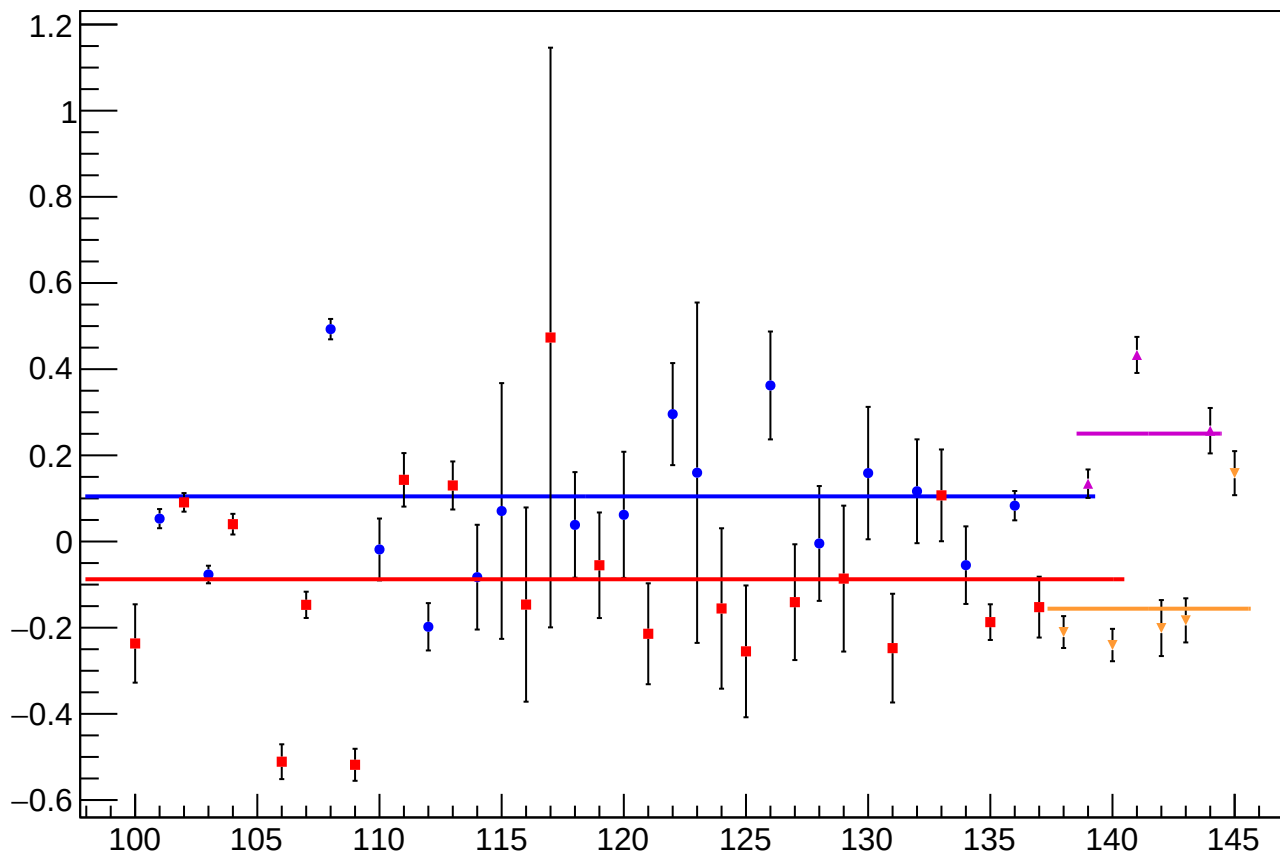
Left In: -61.724+/-0.580 χ^2/NDF : 832.5/2

15.310+/-0.216 χ^2/NDF : 34329.3/21

3.024+/-0.161 χ^2/NDF : 66692.2/44

-12.409+/-0.242 χ^2/NDF : 25066.9/22

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.7/16$

Left Out: -0.156 ± 0.020 $\chi^2/\text{NDF}: 45.8/4$

Right Out: -0.088 ± 0.011 $\chi^2/\text{NDF}: 391.7/19$

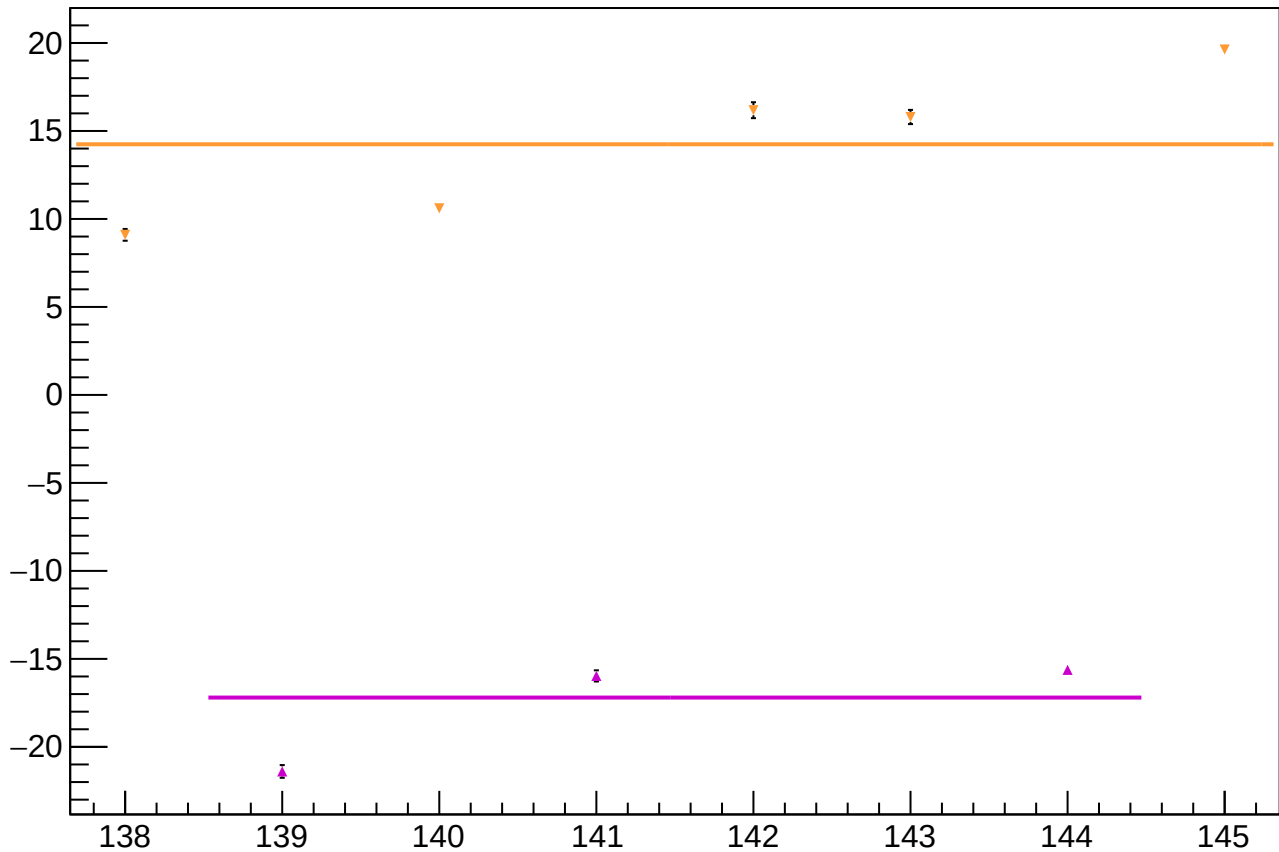
Left In: 0.250 ± 0.023 $\chi^2/\text{NDF}: 31.5/2$

0.045 ± 0.010 $\chi^2/\text{NDF}: 574.3/21$

0.011 ± 0.007 $\chi^2/\text{NDF}: 1196.2/44$

-0.026 ± 0.010 $\chi^2/\text{NDF}: 595.7/22$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.244+/-0.148 χ^2/NDF : 818.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

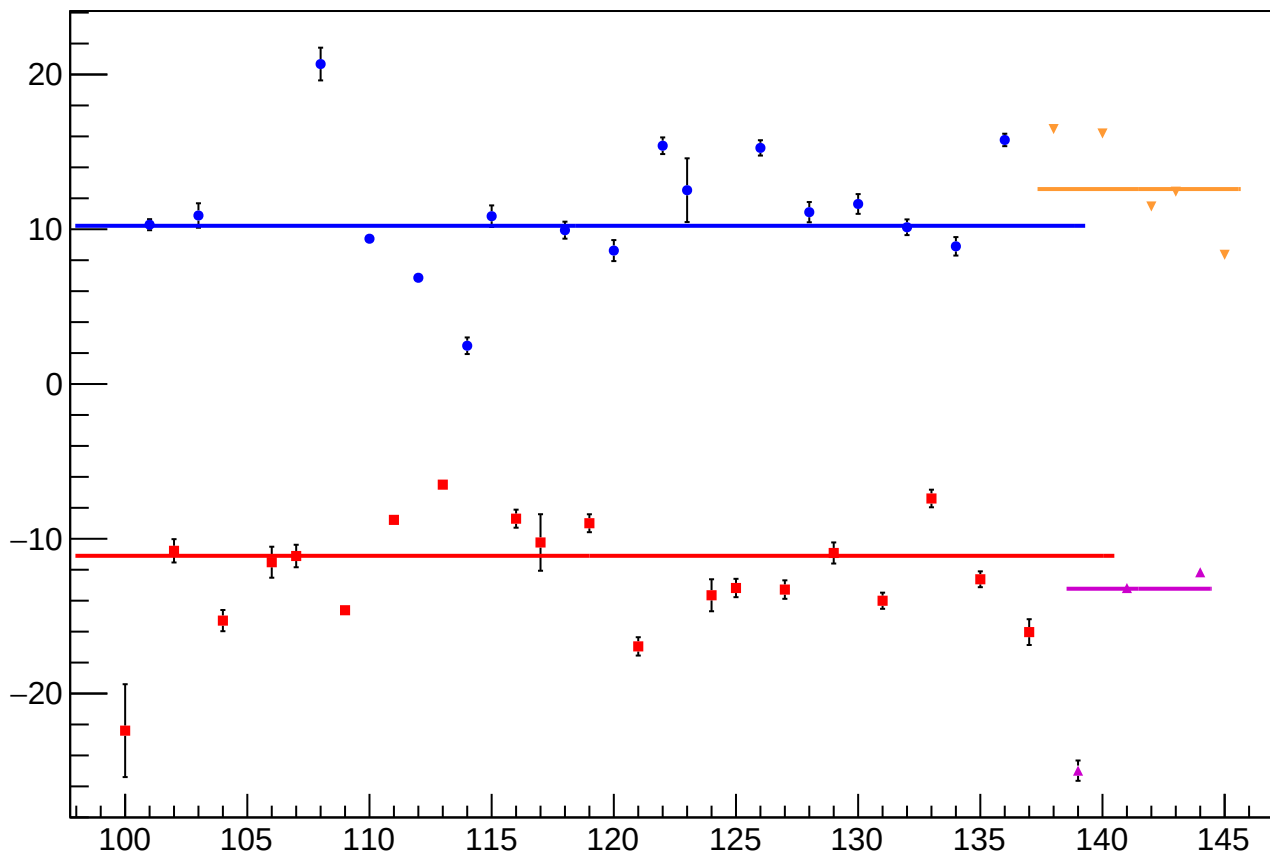
Left In: -17.198+/-0.182 χ^2/NDF : 180.6/2

14.244+/-0.148 χ^2/NDF : 818.5/4

1.729+/-0.115 χ^2/NDF : 18923.8/7

-17.198+/-0.182 χ^2/NDF : 180.6/2

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 ± 0.119 χ^2/NDF : 877.6/16

Left Out: 12.598 ± 0.116 χ^2/NDF : 777.4/4

Right Out: -11.101 ± 0.116 χ^2/NDF : 817.4/19

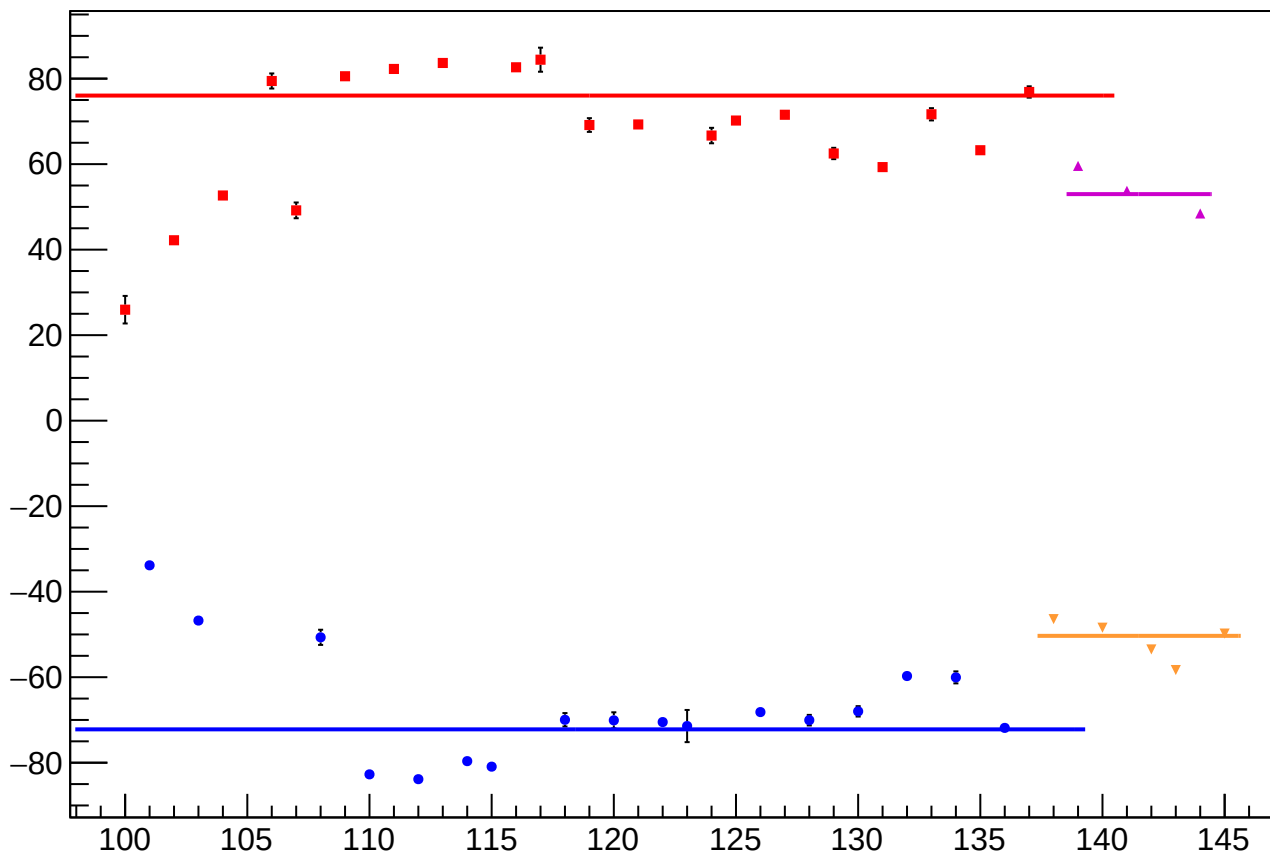
Left In: -13.228 ± 0.146 χ^2/NDF : 349.3/2

11.442 ± 0.083 χ^2/NDF : 1859.5/21

0.824 ± 0.061 χ^2/NDF : 39196.6/44

-11.925 ± 0.091 χ^2/NDF : 1296.6/22

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 $\pm$ 0.198 χ^2 /NDF: 5566.9/16

Left Out: -50.329 $\pm$ 0.159 χ^2 /NDF: 546.7/4

Right Out: 76.037 $\pm$ 0.181 χ^2 /NDF: 3474.4/19

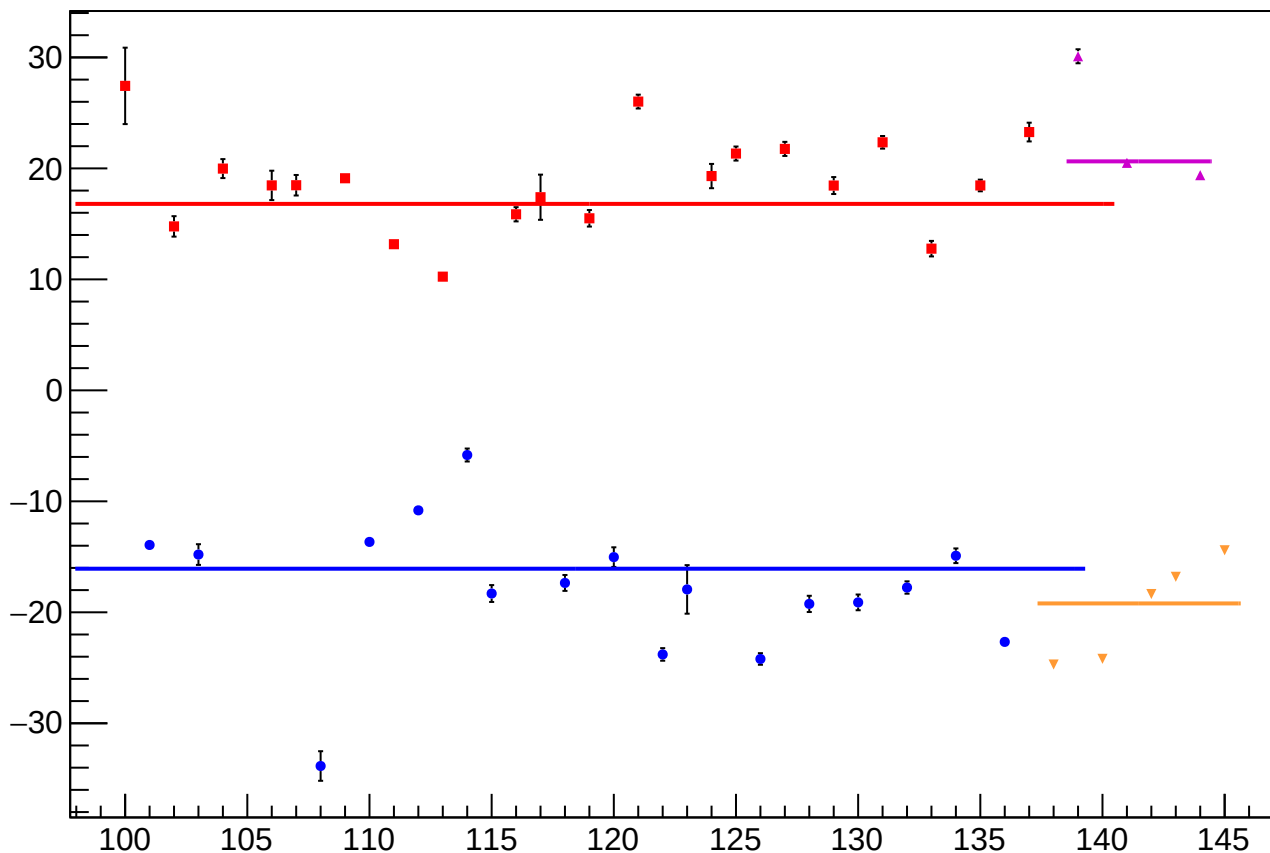
Left In: 52.989 $\pm$ 0.195 χ^2 /NDF: 514.1/2

-58.890 $\pm$ 0.124 χ^2 /NDF: 13562.6/21

-1.033 $\pm$ 0.090 χ^2 /NDF: 495166.8/44

65.409 $\pm$ 0.133 χ^2 /NDF: 11502.5/22

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072 ± 0.132 $\chi^2/\text{NDF}: 1640.9/16$

Left Out: -19.200 ± 0.137 $\chi^2/\text{NDF}: 952.0/4$

Right Out: 16.801 ± 0.128 $\chi^2/\text{NDF}: 1215.8/19$

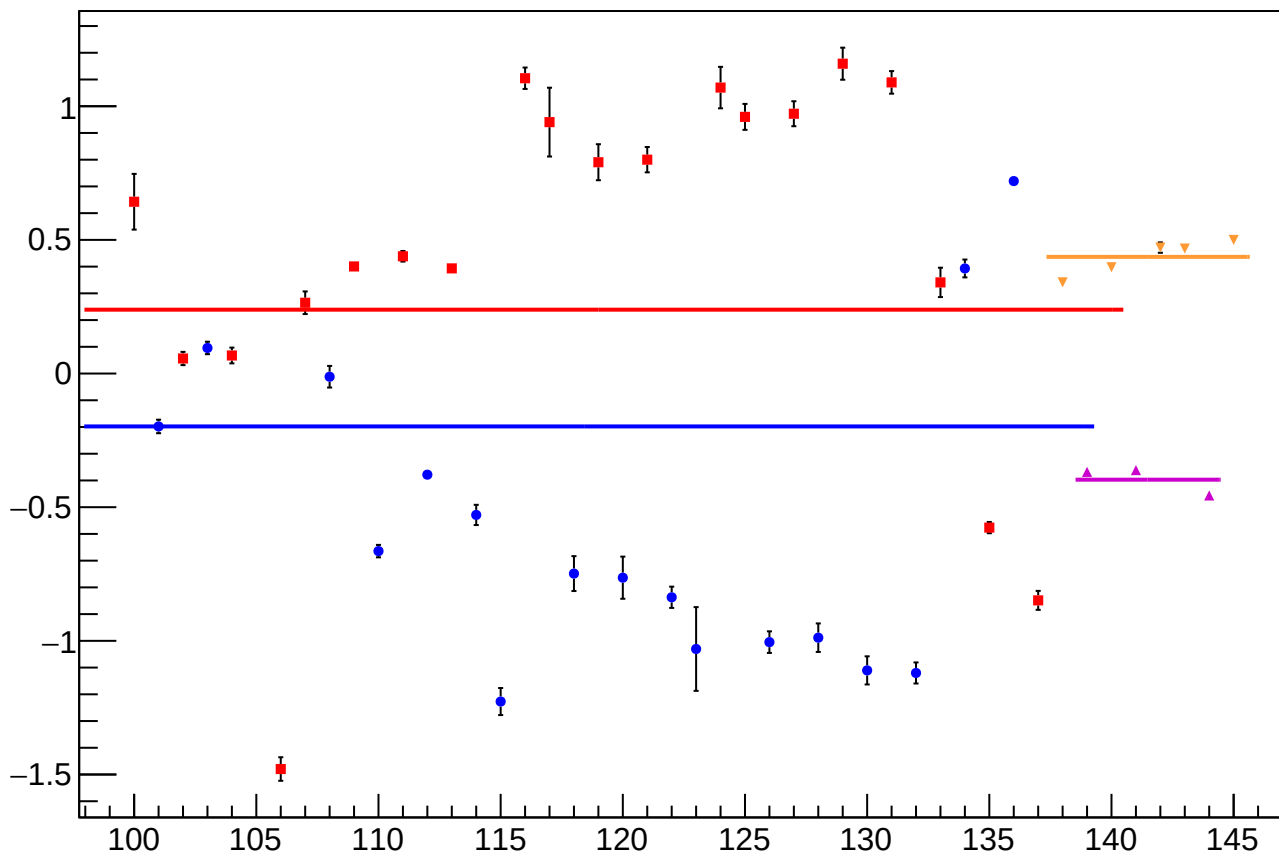
Left In: 20.632 ± 0.172 $\chi^2/\text{NDF}: 252.3/2$

-17.575 ± 0.095 $\chi^2/\text{NDF}: 2862.1/21$

-1.052 ± 0.070 $\chi^2/\text{NDF}: 69739.7/44$

18.162 ± 0.103 $\chi^2/\text{NDF}: 1786.7/22$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.436 ± 0.006 χ^2/NDF : 89.2/4

Right Out: 0.239 ± 0.007 χ^2/NDF : 6251.7/19

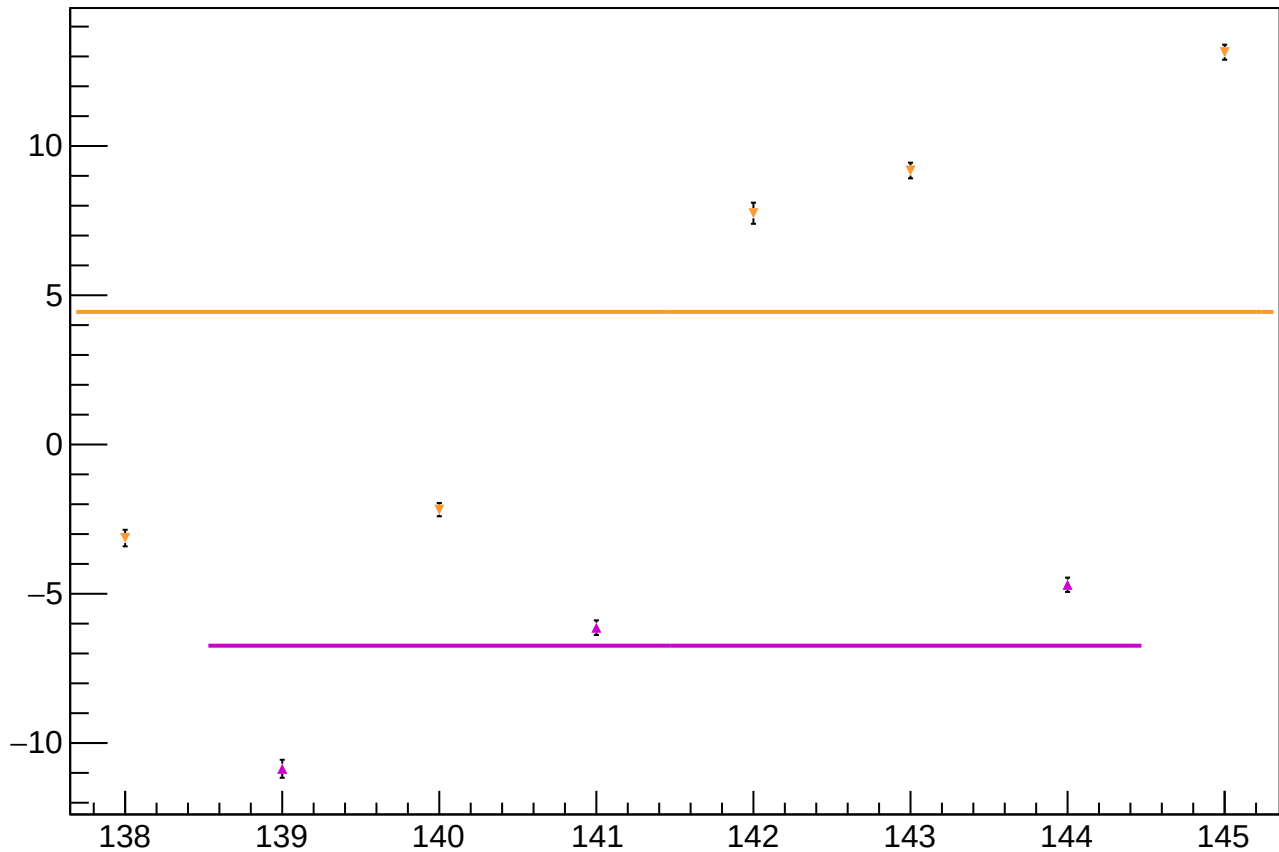
Left In: -0.397 ± 0.008 χ^2/NDF : 31.6/2

0.169 ± 0.005 χ^2/NDF : 10520.7/21

0.067 ± 0.004 χ^2/NDF : 21341.3/44

-0.052 ± 0.005 χ^2/NDF : 9886.4/22

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4.442+/-0.118 χ^2/NDF : 3231.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

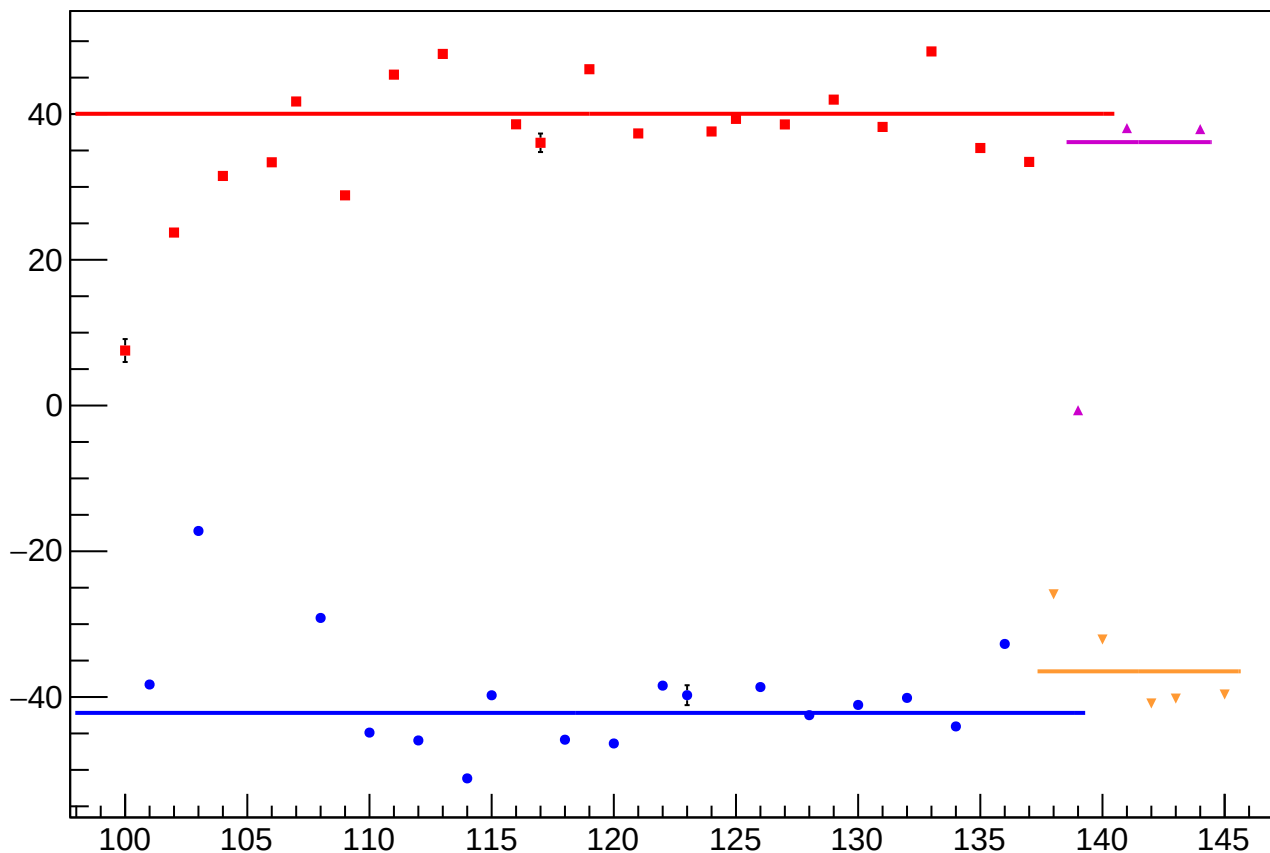
Left In: -6.739+/-0.149 χ^2/NDF : 264.8/2

4.442+/-0.118 χ^2/NDF : 3231.6/4

0.131+/-0.093 χ^2/NDF : 6936.2/7

-6.739+/-0.149 χ^2/NDF : 264.8/2

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179 $\pm$ 0.078 χ^2 /NDF: 6573.8/16

Left Out: -36.477 $\pm$ 0.092 χ^2 /NDF: 3184.4/4

Right Out: 40.039 $\pm$ 0.073 χ^2 /NDF: 11323.4/19

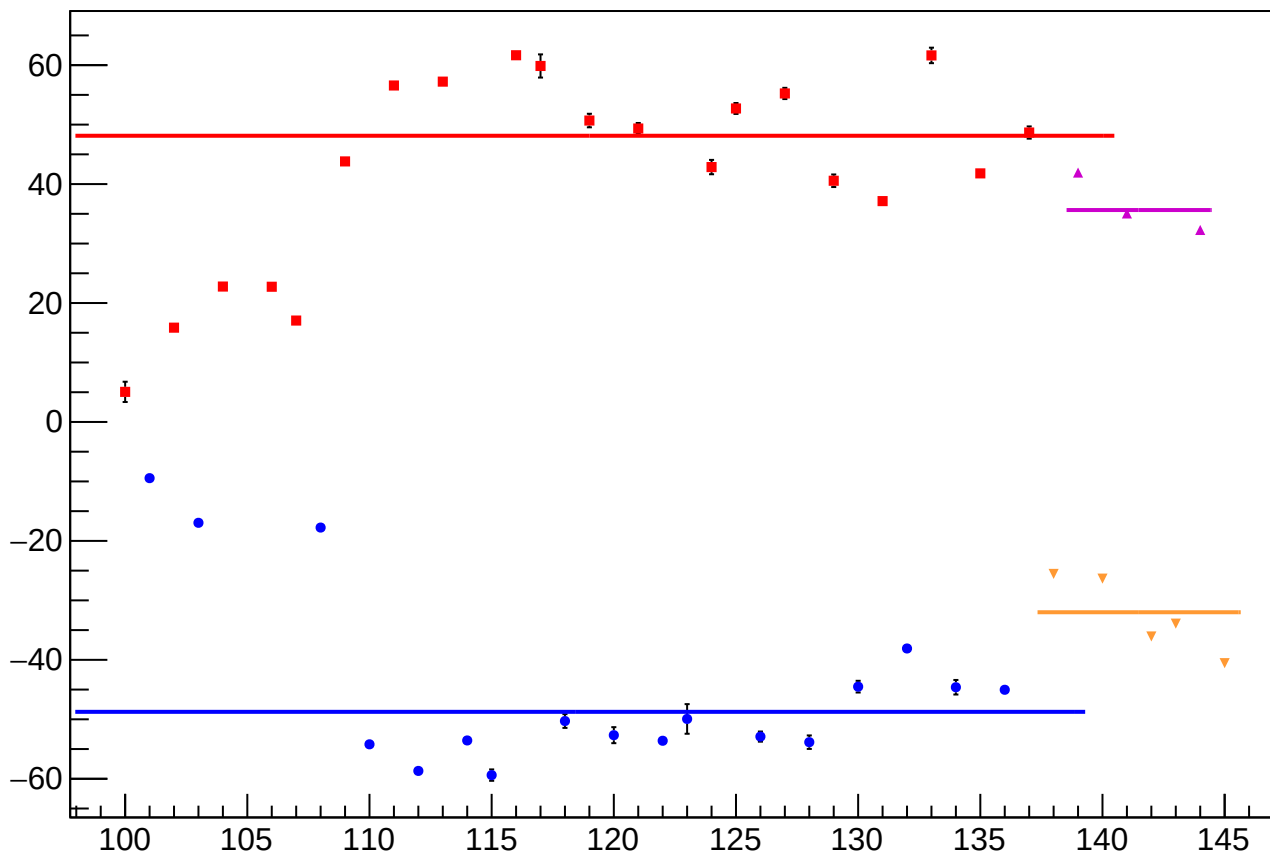
Left In: 36.149 $\pm$ 0.119 χ^2 /NDF: 4794.2/2

-39.793 $\pm$ 0.059 χ^2 /NDF: 12007.3/21

-2.193 $\pm$ 0.043 χ^2 /NDF: 871166.2/44

38.986 $\pm$ 0.062 χ^2 /NDF: 16893.2/22

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743 $\pm$ 0.124 χ^2 /NDF: 14658.5/16

Left Out: -31.997 $\pm$ 0.127 χ^2 /NDF: 2207.8/4

Right Out: 48.126 $\pm$ 0.107 χ^2 /NDF: 11767.8/19

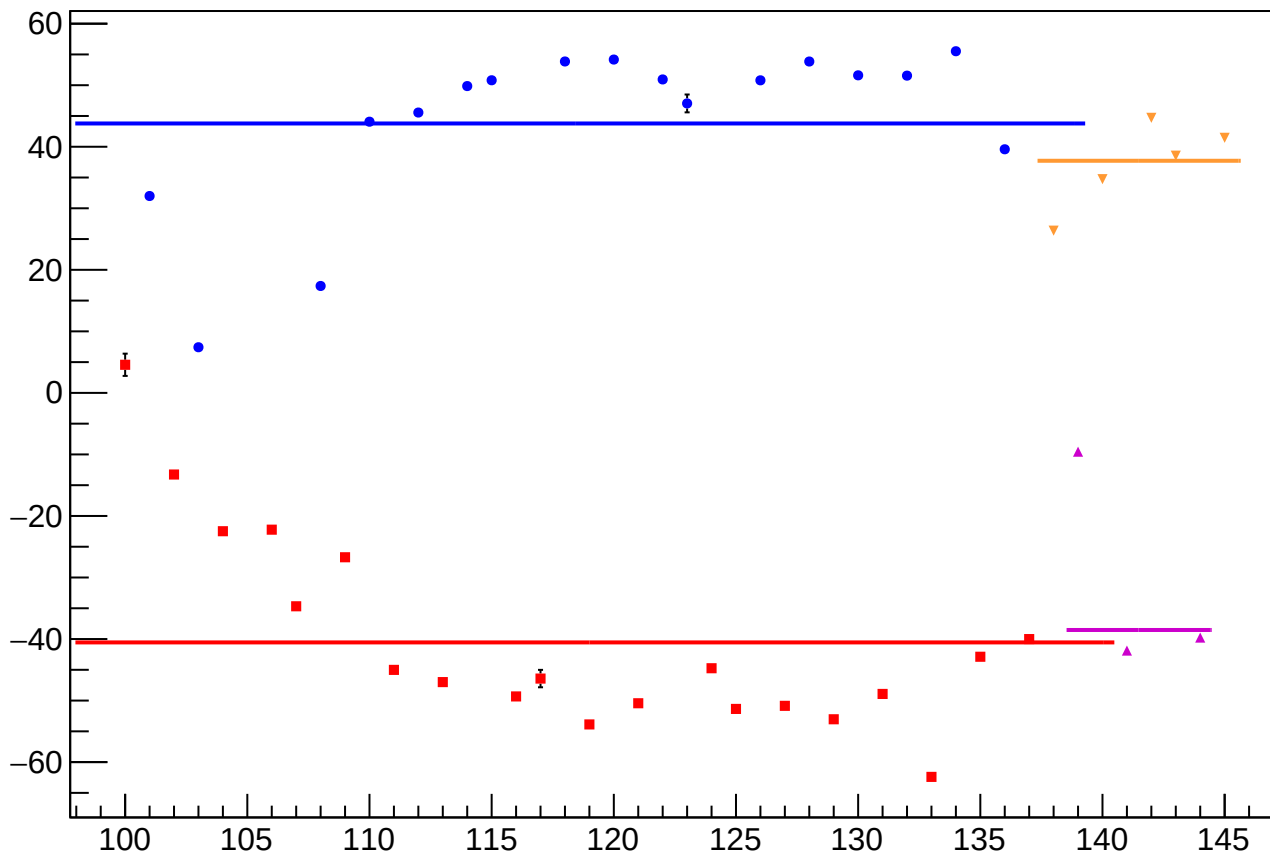
Left In: 35.636 $\pm$ 0.160 χ^2 /NDF: 546.1/2

-40.511 $\pm$ 0.089 χ^2 /NDF: 25770.5/21

1.755 $\pm$ 0.063 χ^2 /NDF: 497498.3/44

44.263 $\pm$ 0.089 χ^2 /NDF: 16524.1/22

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782 ± 0.087 χ^2/NDF : 10638.7/16

Left Out: 37.722 ± 0.109 χ^2/NDF : 2452.4/4

Right Out: -40.549 ± 0.080 χ^2/NDF : 17598.0/19

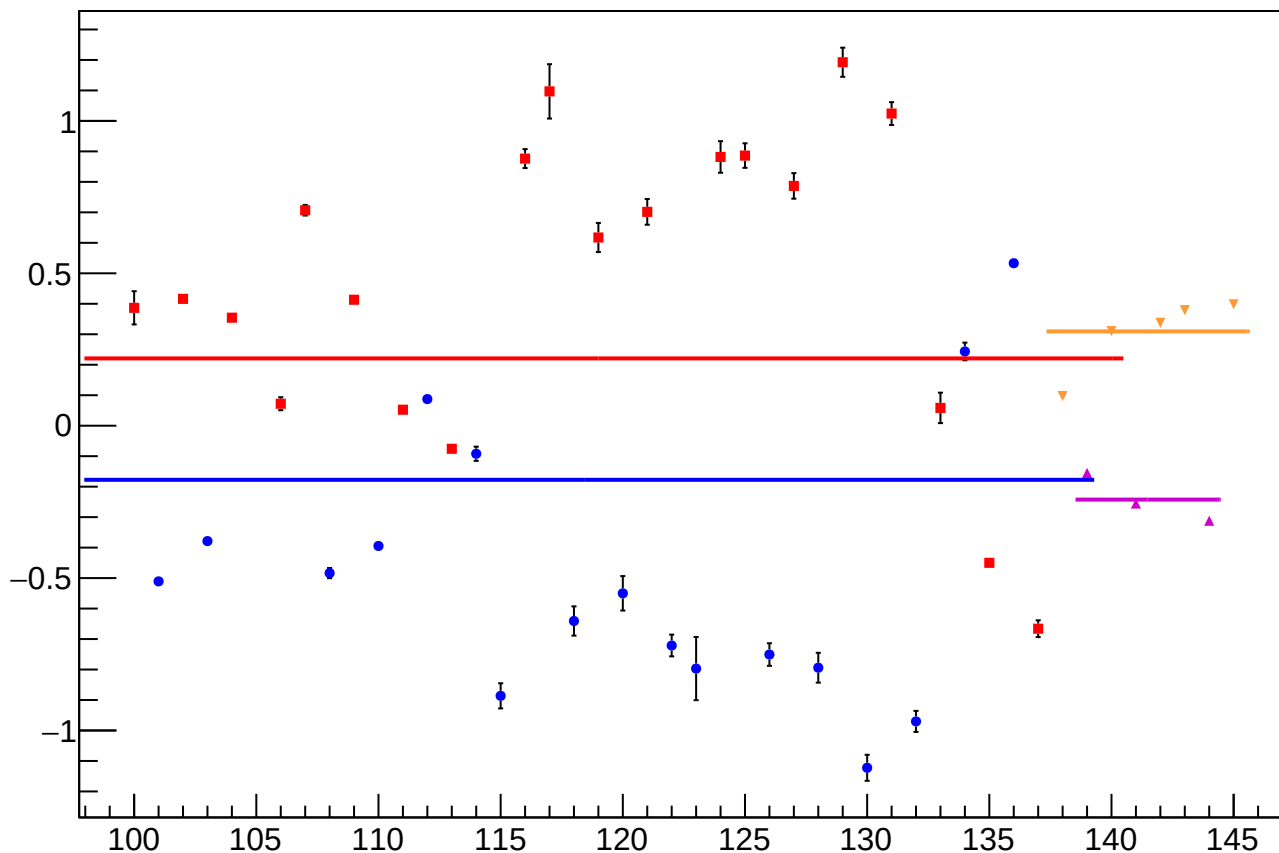
Left In: -38.529 ± 0.141 χ^2/NDF : 3343.6/2

41.435 ± 0.068 χ^2/NDF : 14986.6/21

1.748 ± 0.049 χ^2/NDF : 739456.5/44

-40.056 ± 0.070 χ^2/NDF : 21097.3/22

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.309 ± 0.005 χ^2/NDF : 429.0/4

Right Out: 0.221 ± 0.004 χ^2/NDF : 7566.8/19

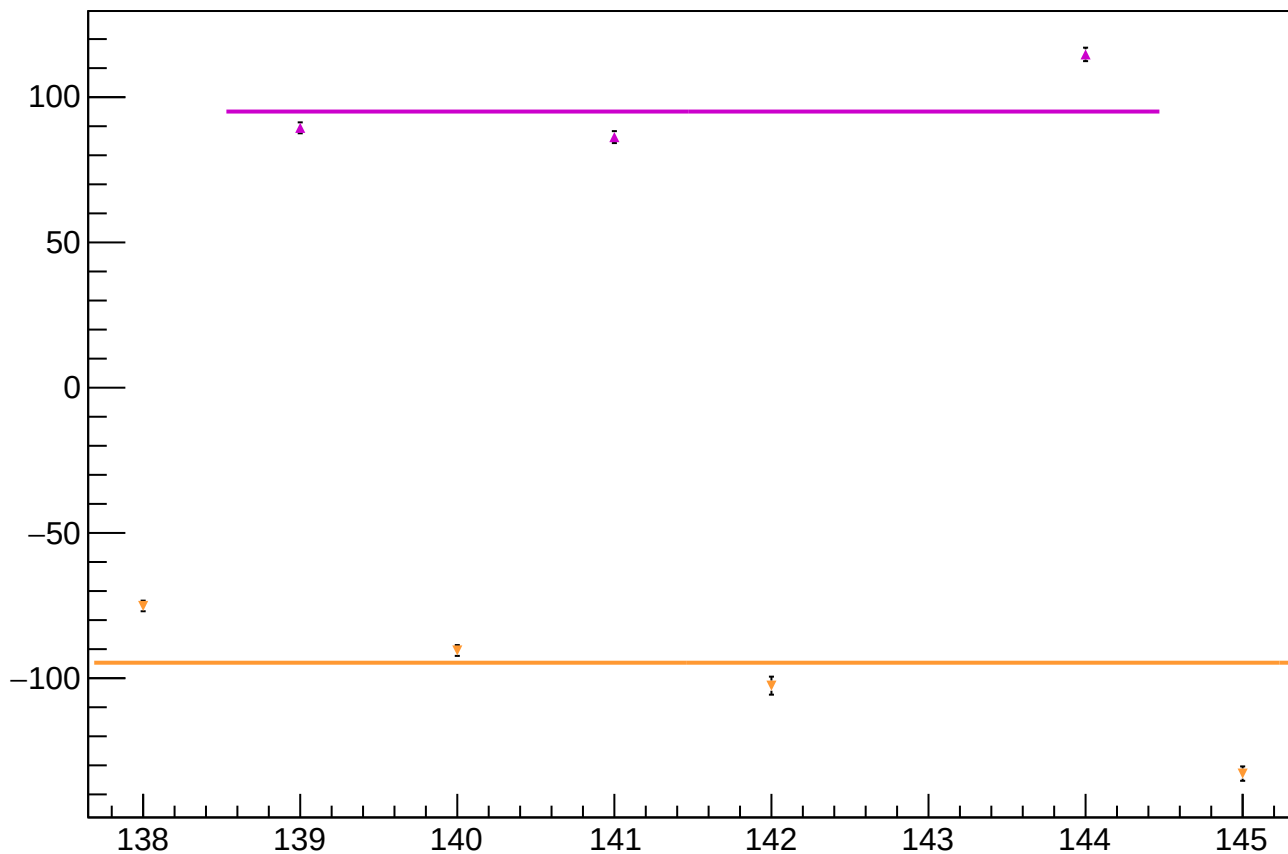
Left In: -0.242 ± 0.006 χ^2/NDF : 97.5/2

0.051 ± 0.004 χ^2/NDF : 12555.3/21

0.064 ± 0.003 χ^2/NDF : 23862.7/44

0.077 ± 0.004 χ^2/NDF : 11279.8/22

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -94.668+/-1.082 χ^2/NDF : 363.3/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

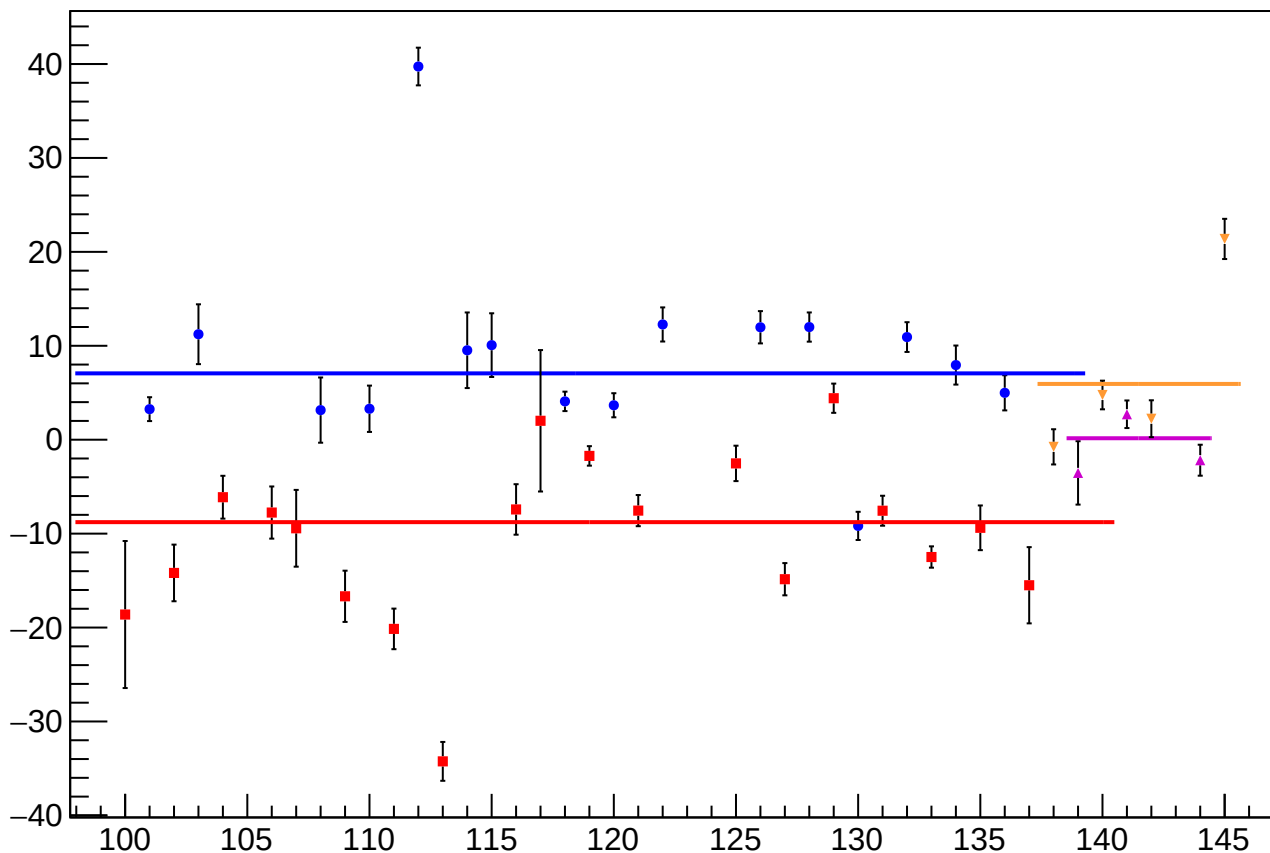
Left In: 95.053+/-1.191 χ^2/NDF : 99.2/2

-94.668+/-1.082 χ^2/NDF : 363.3/3

-8.871+/-0.801 χ^2/NDF : 14360.4/6

95.053+/-1.191 χ^2/NDF : 99.2/2

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063 $\pm$ 0.434 χ^2/NDF : 446.9/15

Left Out: 5.939 $\pm$ 0.916 χ^2/NDF : 69.0/3

Right Out: -8.777 $\pm$ 0.448 χ^2/NDF : 352.4/18

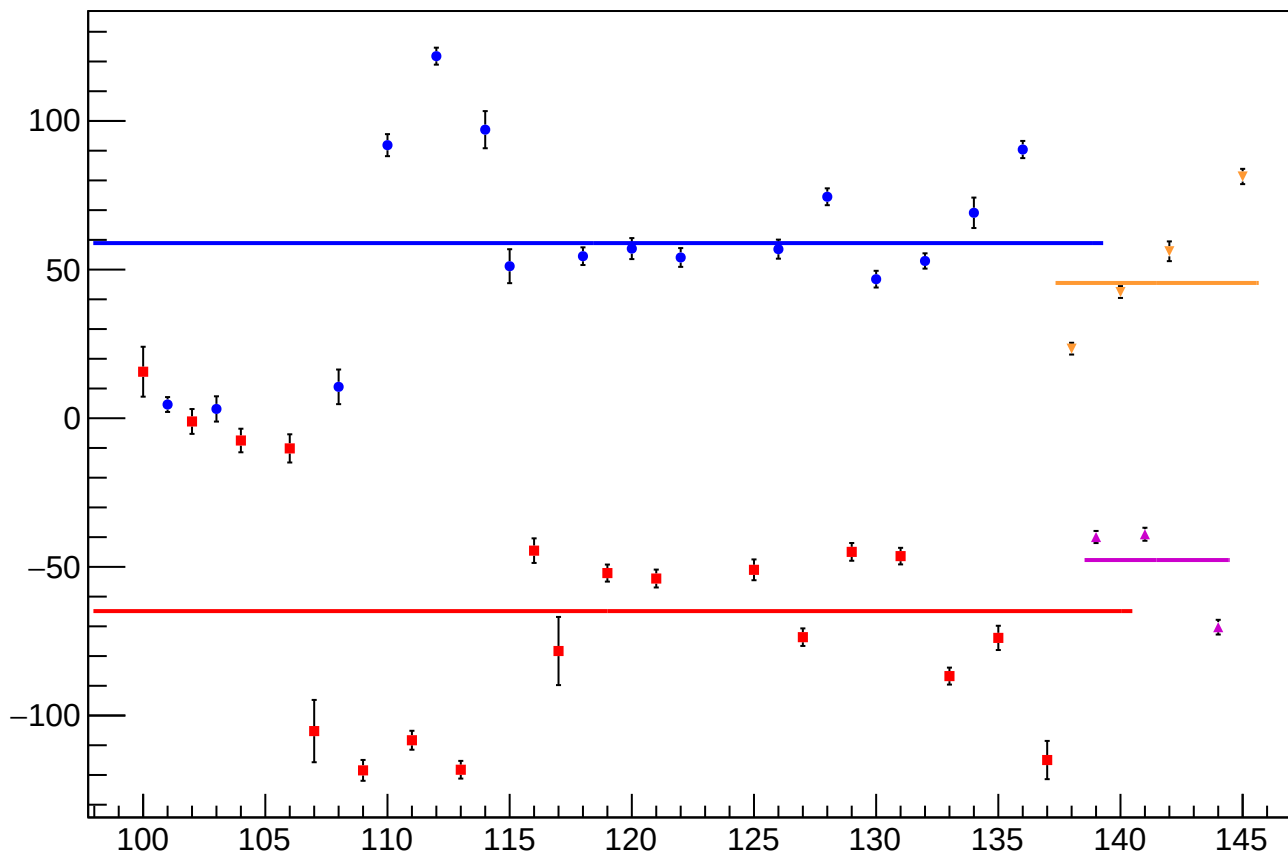
Left In: 0.156 $\pm$ 1.043 χ^2/NDF : 6.2/2

6.857 $\pm$ 0.392 χ^2/NDF : 517.1/19

0.089 $\pm$ 0.284 χ^2/NDF : 1565.4/41

-7.384 $\pm$ 0.412 χ^2/NDF : 420.6/21

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.913 $\pm$ 0.831 χ^2/NDF : 1496.7/15

Left Out: 45.508 $\pm$ 1.154 χ^2/NDF : 331.1/3

Right Out: -64.875 $\pm$ 0.838 χ^2/NDF : 1719.5/18

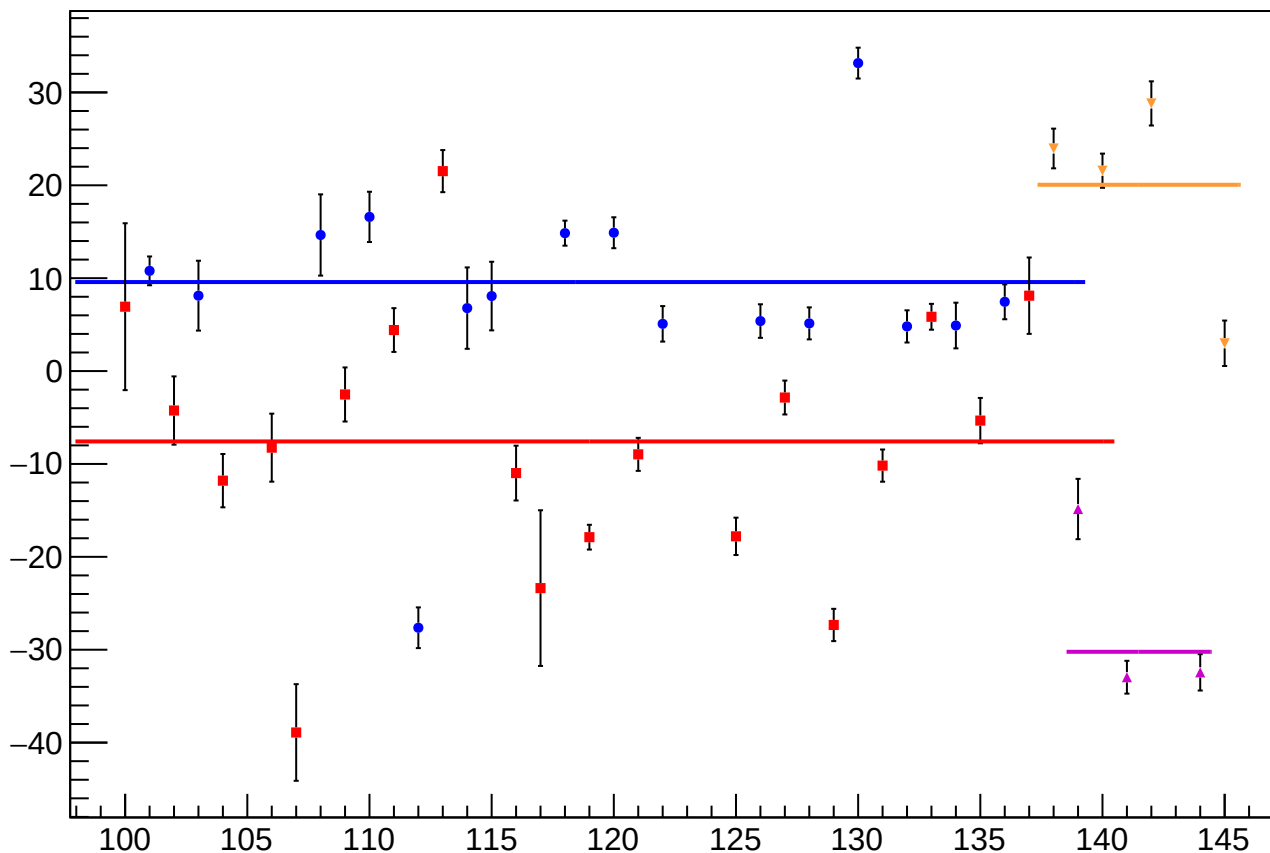
Left In: -47.699 $\pm$ 1.278 χ^2/NDF : 113.2/2

54.335 $\pm$ 0.675 χ^2/NDF : 1916.6/19

-0.524 $\pm$ 0.486 χ^2/NDF : 17621.1/41

-59.710 $\pm$ 0.701 χ^2/NDF : 1959.1/21

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 20.057 ± 1.079 χ^2/NDF : 66.3/3

Right Out: -7.575 ± 0.515 χ^2/NDF : 573.4/18

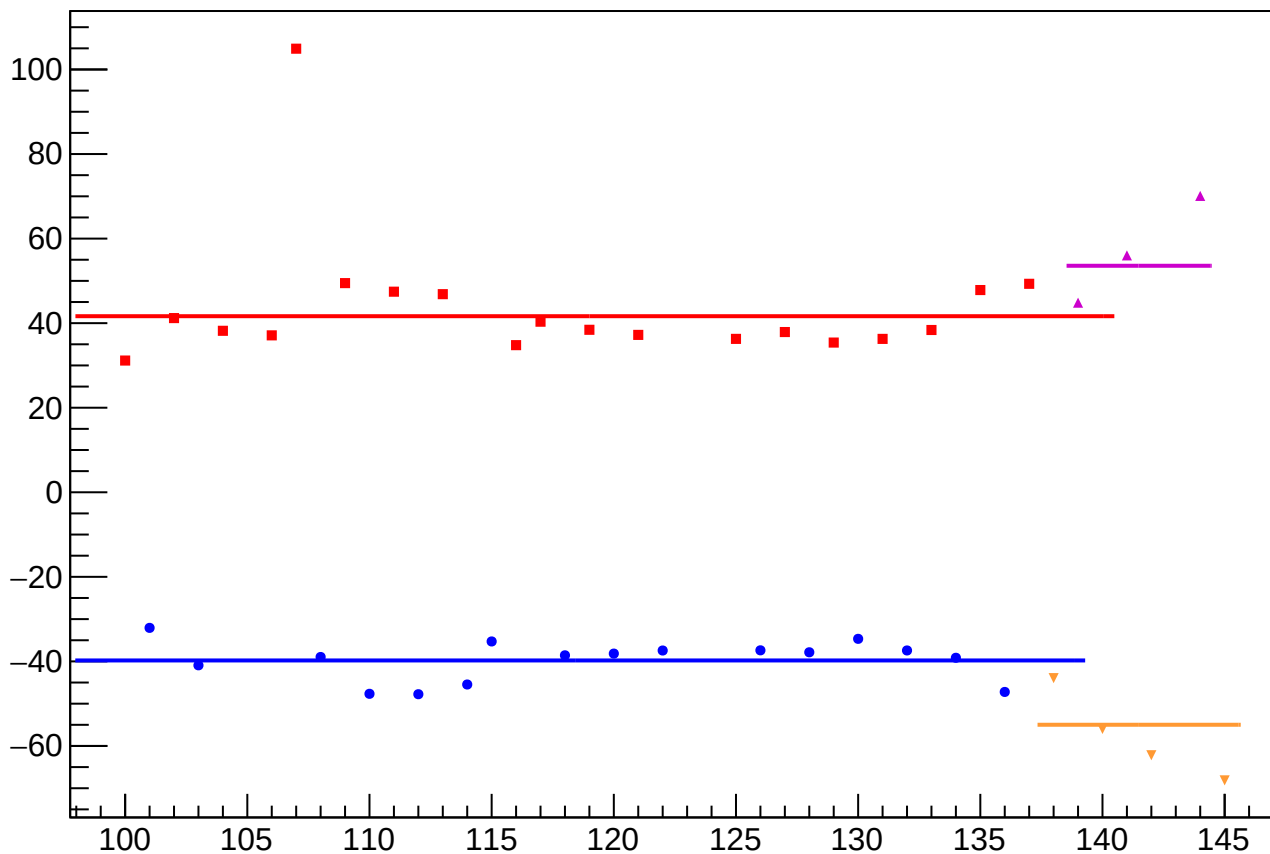
Left In: -30.223 ± 1.216 χ^2/NDF : 26.1/2

11.440 ± 0.455 χ^2/NDF : 698.2/19

0.681 ± 0.328 χ^2/NDF : 2761.7/41

-11.019 ± 0.474 χ^2/NDF : 893.8/21

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF : 26158.0/15

Left Out: -54.987+/-0.047 χ^2/NDF : 39723.0/3

Right Out: 41.646+/-0.031 χ^2/NDF : 94463.7/18

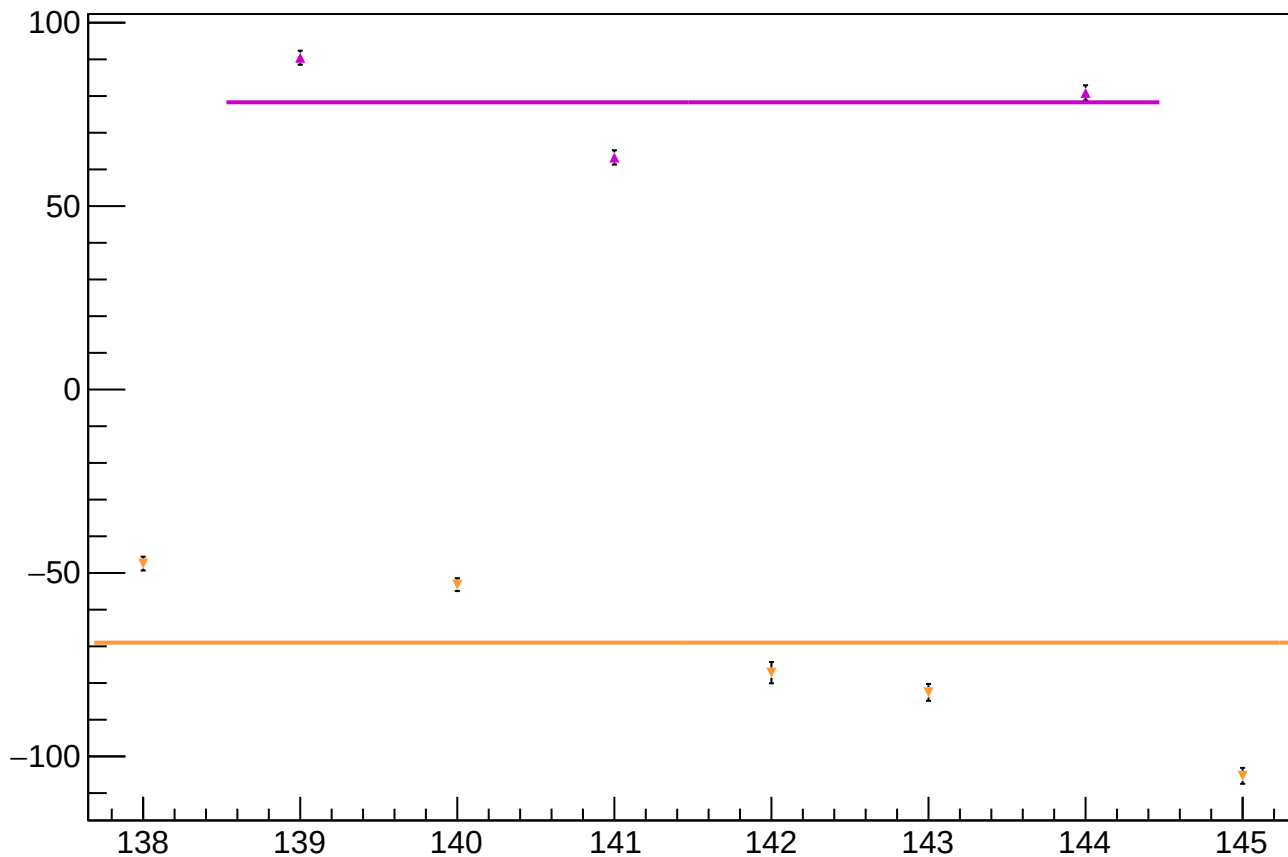
Left In: 53.575+/-0.049 χ^2/NDF : 38804.2/2

-44.384+/-0.026 χ^2/NDF : 138490.2/19

-0.388+/-0.018 χ^2/NDF : 6160818.1/41

45.029+/-0.026 χ^2/NDF : 174895.2/21

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -68.985+/-0.942 χ^2/NDF : 533.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

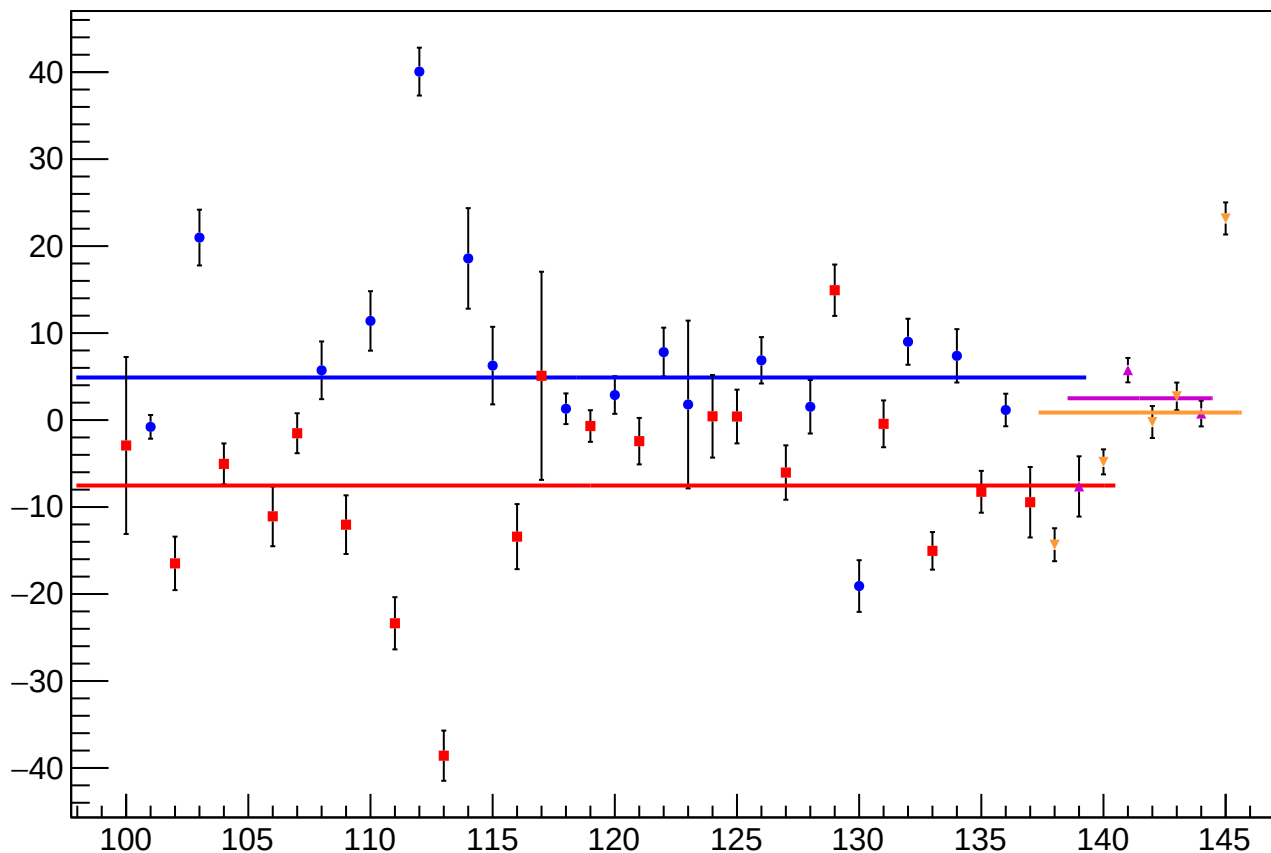
Left In: 78.296+/-1.146 χ^2/NDF : 100.1/2

-68.985+/-0.942 χ^2/NDF : 533.6/4

-9.583+/-0.728 χ^2/NDF : 10484.5/7

78.296+/-1.146 χ^2/NDF : 100.1/2

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 0.863 ± 0.756 χ^2/NDF : 227.8/4

Right Out: -7.528 ± 0.651 χ^2/NDF : 271.3/19

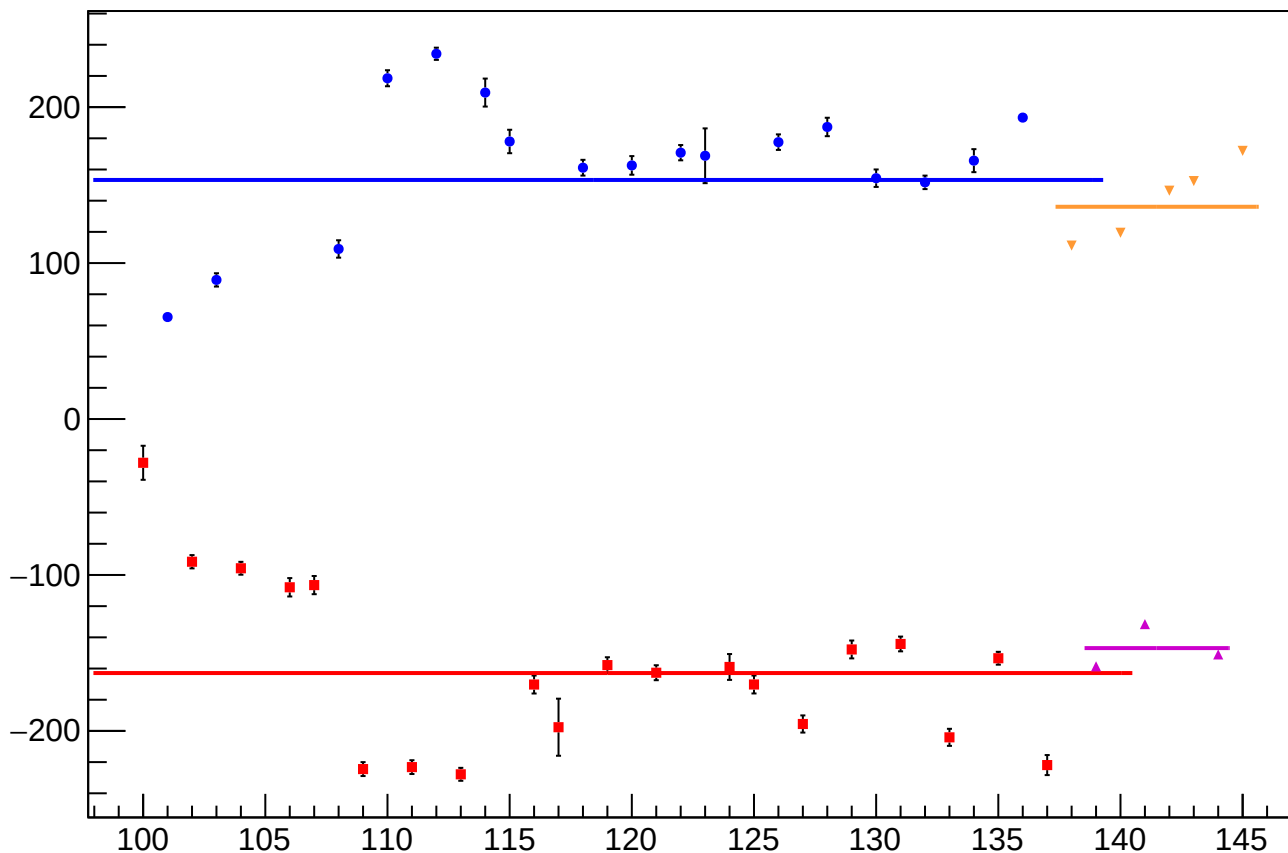
Left In: 2.504 ± 0.977 χ^2/NDF : 15.3/2

3.270 ± 0.480 χ^2/NDF : 540.2/21

-0.125 ± 0.359 χ^2/NDF : 1013.5/44

-4.447 ± 0.542 χ^2/NDF : 359.6/22

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298 $\pm$ 1.145 χ^2/NDF : 2266.8/16

Left Out: 136.107 $\pm$ 1.005 χ^2/NDF : 533.4/4

Right Out: -162.891 $\pm$ 1.174 χ^2/NDF : 1712.3/19

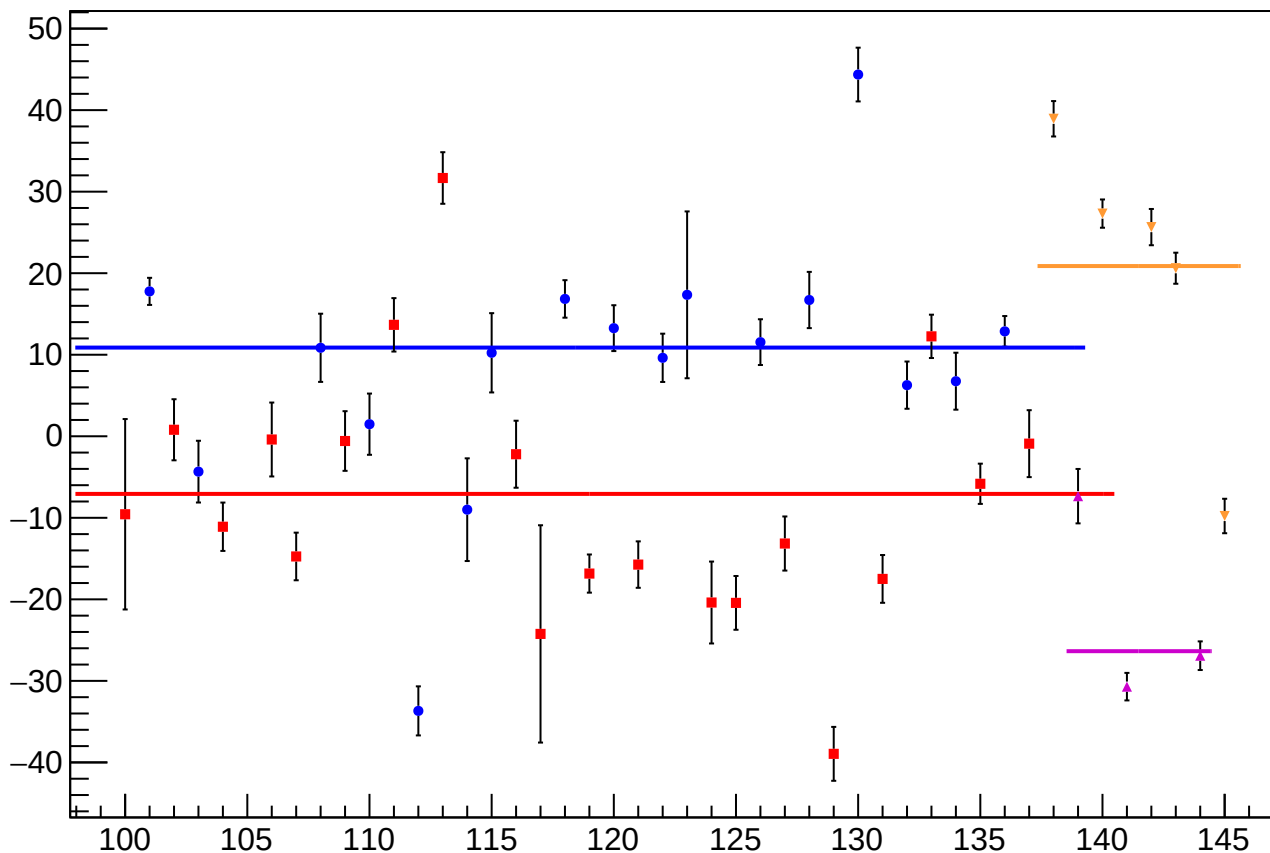
Left In: -146.893 $\pm$ 1.229 χ^2/NDF : 89.1/2

143.591 $\pm$ 0.755 χ^2/NDF : 2927.5/21

11.551 $\pm$ 0.564 χ^2/NDF : 73990.9/44

-155.255 $\pm$ 0.849 χ^2/NDF : 1890.0/22

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878 $\pm$ 0.713 χ^2/NDF : 388.1/16

Left Out: 20.876 $\pm$ 0.896 χ^2/NDF : 298.1/4

Right Out: -7.068 $\pm$ 0.747 χ^2/NDF : 426.2/19

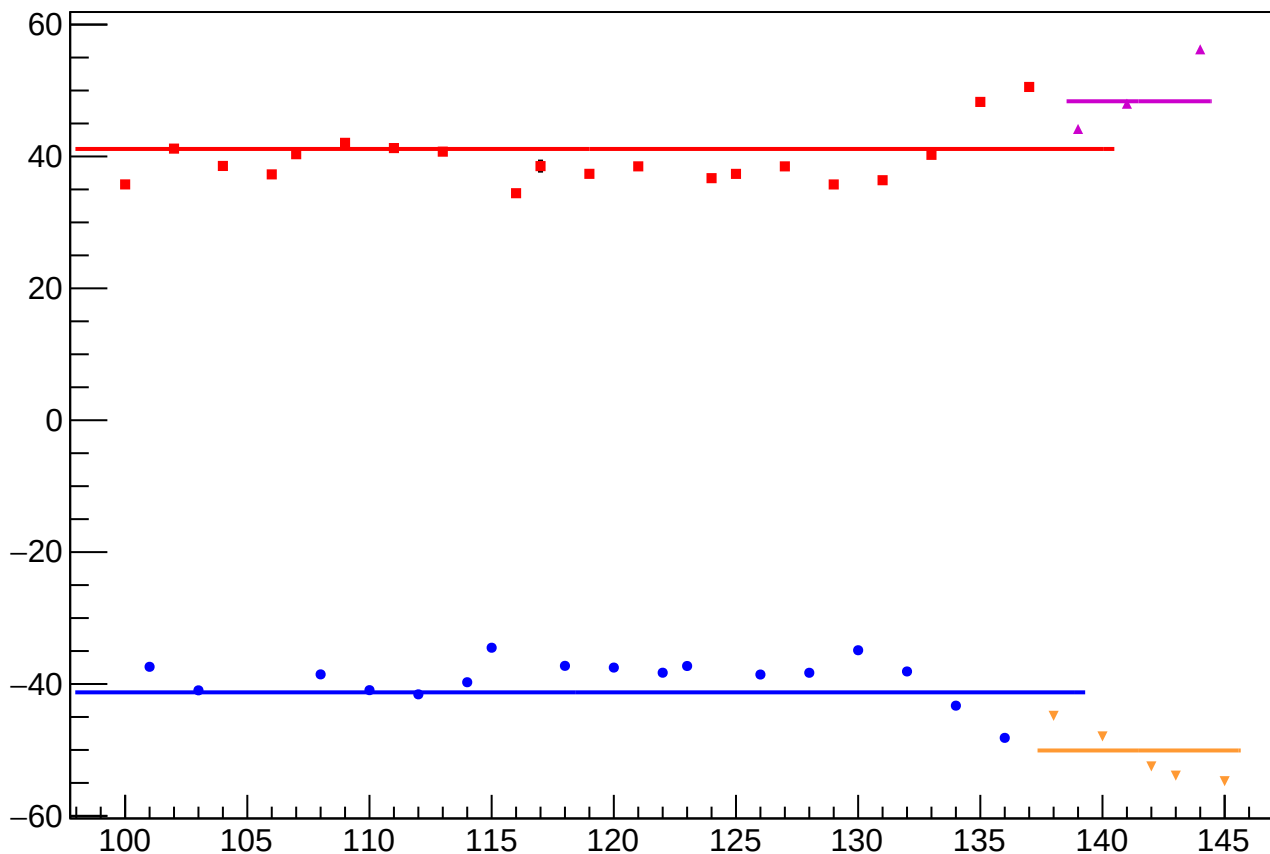
Left In: -26.358 $\pm$ 1.143 χ^2/NDF : 39.2/2

14.759 $\pm$ 0.558 χ^2/NDF : 762.5/21

2.525 $\pm$ 0.416 χ^2/NDF : 2511.8/44

-12.838 $\pm$ 0.625 χ^2/NDF : 664.9/22

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265+/-0.038 χ^2/NDF : 12570.1/16

Left Out: -50.080+/-0.041 χ^2/NDF : 9486.4/4

Right Out: 41.138+/-0.039 χ^2/NDF : 12228.3/19

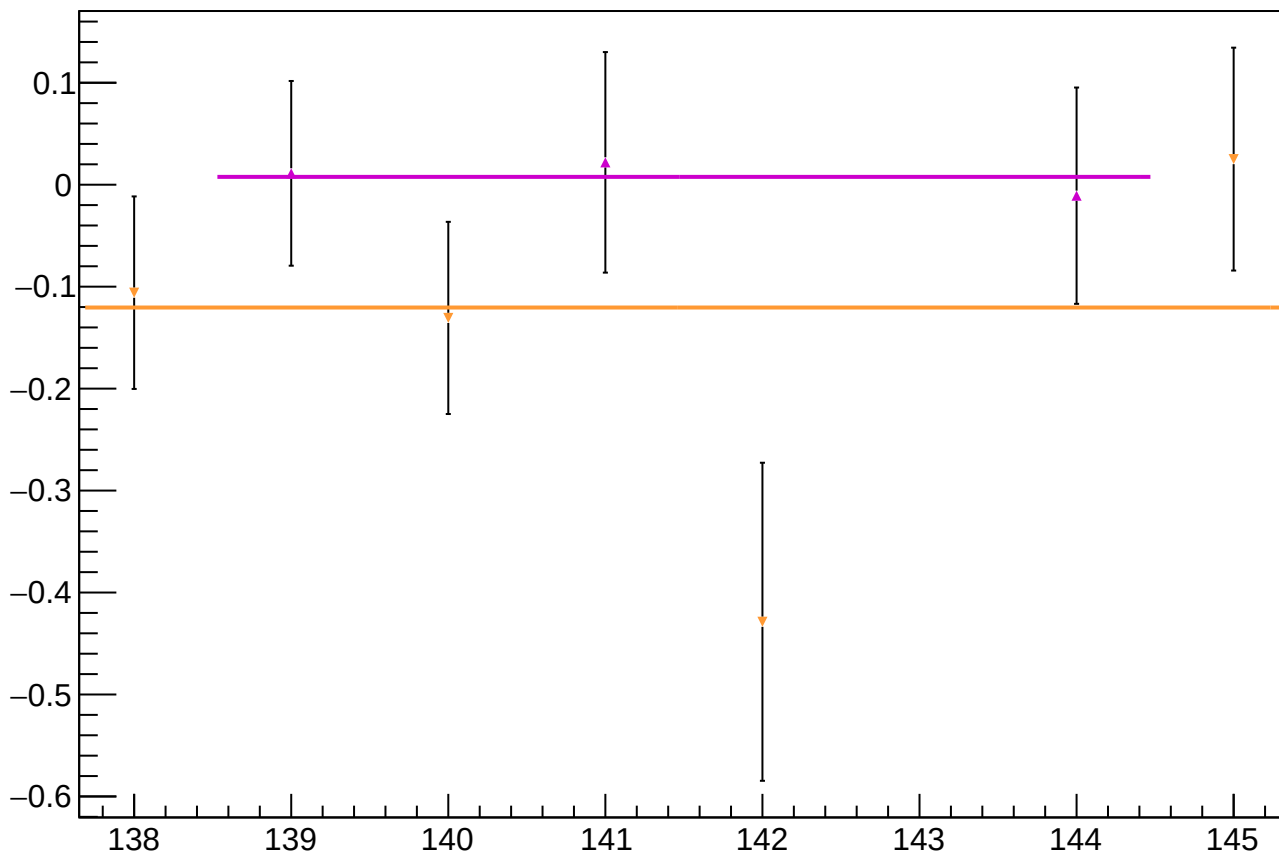
Left In: 48.368+/-0.048 χ^2/NDF : 9843.3/2

-45.396+/-0.028 χ^2/NDF : 46627.4/21

-3.850+/-0.021 χ^2/NDF : 4797423.8/44

43.966+/-0.030 χ^2/NDF : 35808.2/22

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.120 $\pm$ 0.053 χ^2 /NDF: 5.7/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

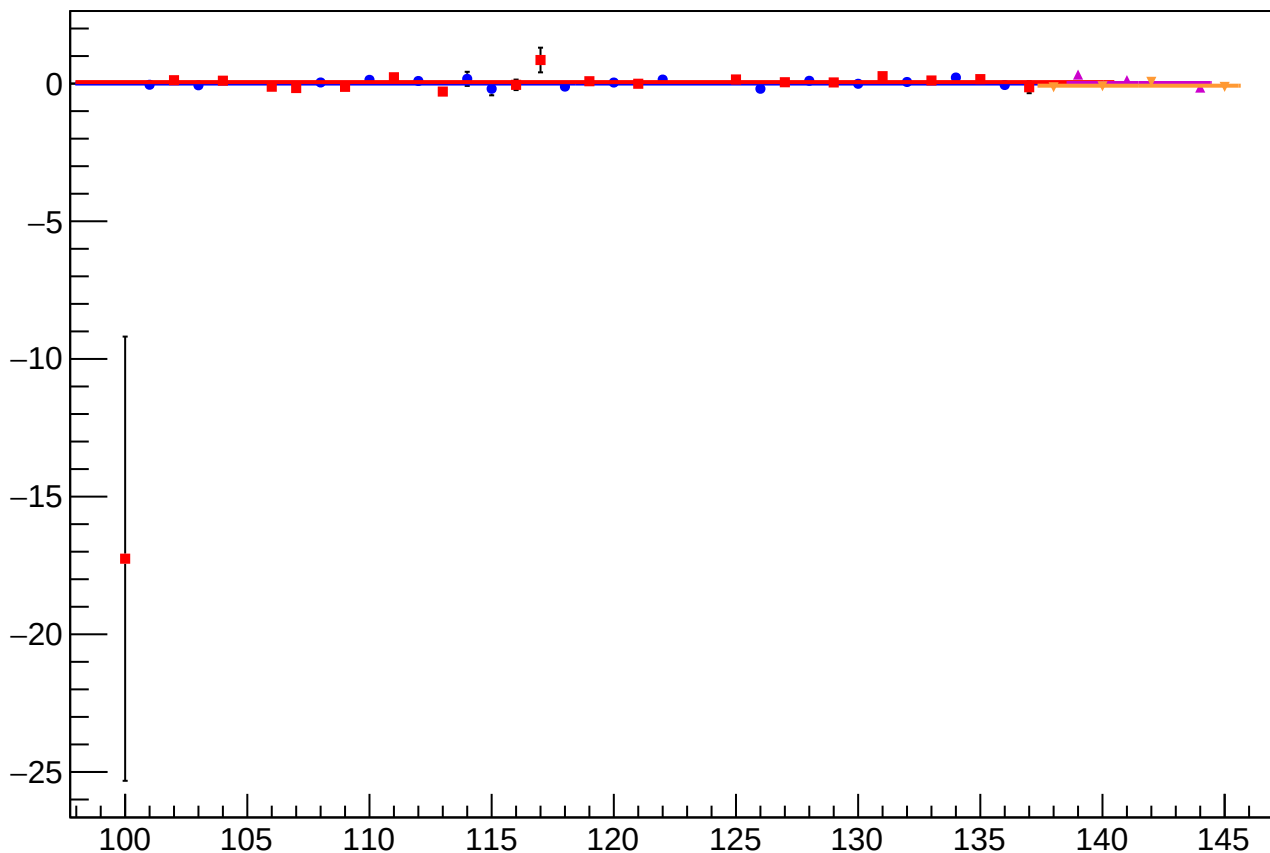
Left In: 0.008 $\pm$ 0.058 χ^2 /NDF: 0.0/2

-0.120 $\pm$ 0.053 χ^2 /NDF: 5.7/3

-0.062 $\pm$ 0.039 χ^2 /NDF: 8.4/6

0.008 $\pm$ 0.058 χ^2 /NDF: 0.0/2

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.076 ± 0.046 χ^2/NDF : 2.6/3

Right Out: 0.054 ± 0.029 χ^2/NDF : 29.0/18

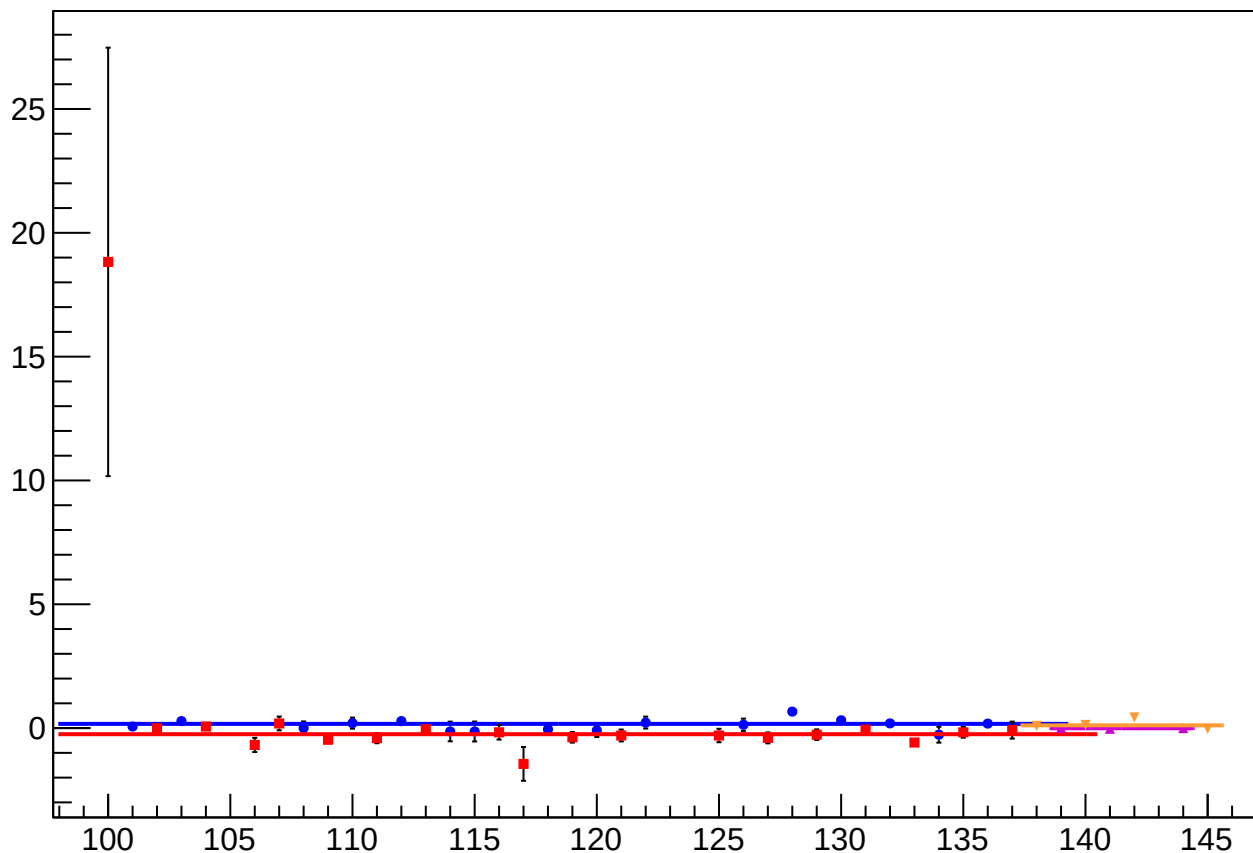
Left In: 0.021 ± 0.052 χ^2/NDF : 10.1/2

-0.020 ± 0.024 χ^2/NDF : 17.3/19

0.011 ± 0.017 χ^2/NDF : 60.3/41

0.046 ± 0.025 χ^2/NDF : 39.4/21

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171 ± 0.052 χ^2/NDF : 13.7/15

Left Out: 0.112 ± 0.057 χ^2/NDF : 5.3/3

Right Out: -0.246 ± 0.054 χ^2/NDF : 24.9/18

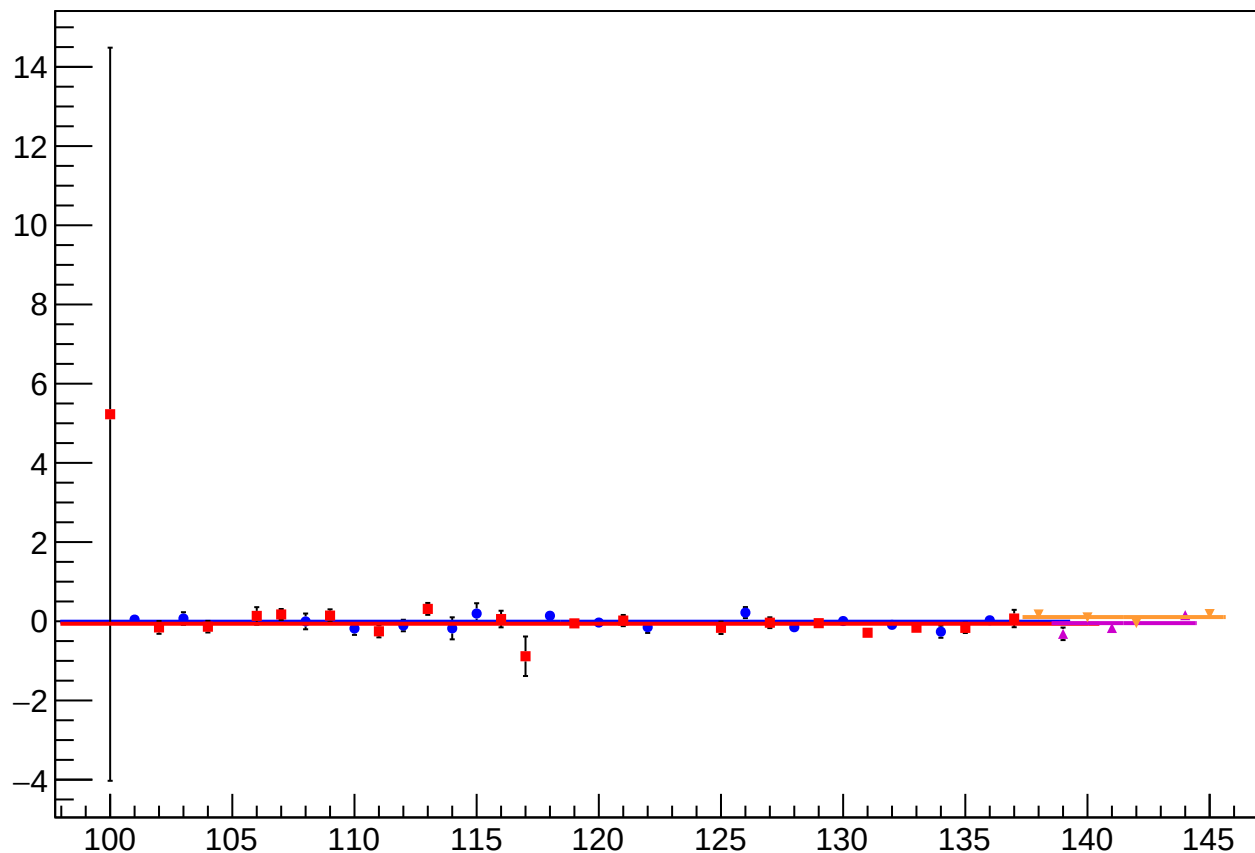
Left In: -0.007 ± 0.062 χ^2/NDF : 0.0/2

0.144 ± 0.039 χ^2/NDF : 19.5/19

0.008 ± 0.028 χ^2/NDF : 79.3/41

-0.144 ± 0.041 χ^2/NDF : 33.4/21

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.106 ± 0.053 χ^2/NDF : 2.5/3

Right Out: -0.062 ± 0.034 χ^2/NDF : 23.3/18

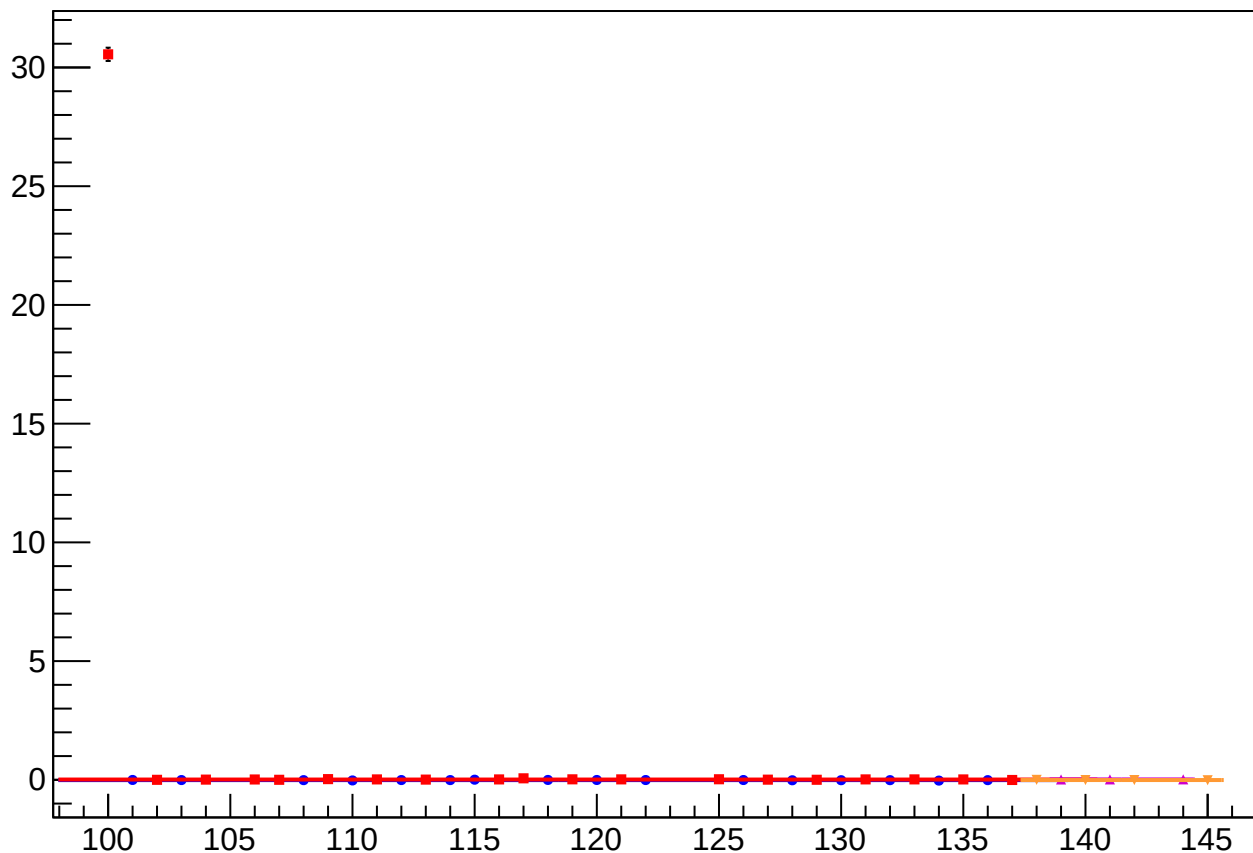
Left In: -0.047 ± 0.060 χ^2/NDF : 9.7/2

0.021 ± 0.028 χ^2/NDF : 19.8/19

-0.017 ± 0.020 χ^2/NDF : 56.6/41

-0.059 ± 0.029 χ^2/NDF : 33.0/21

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15

Left Out: -0.009 ± 0.002 χ^2/NDF : 6.9/3

Right Out: 0.012 ± 0.002 χ^2/NDF : 11894.2/18

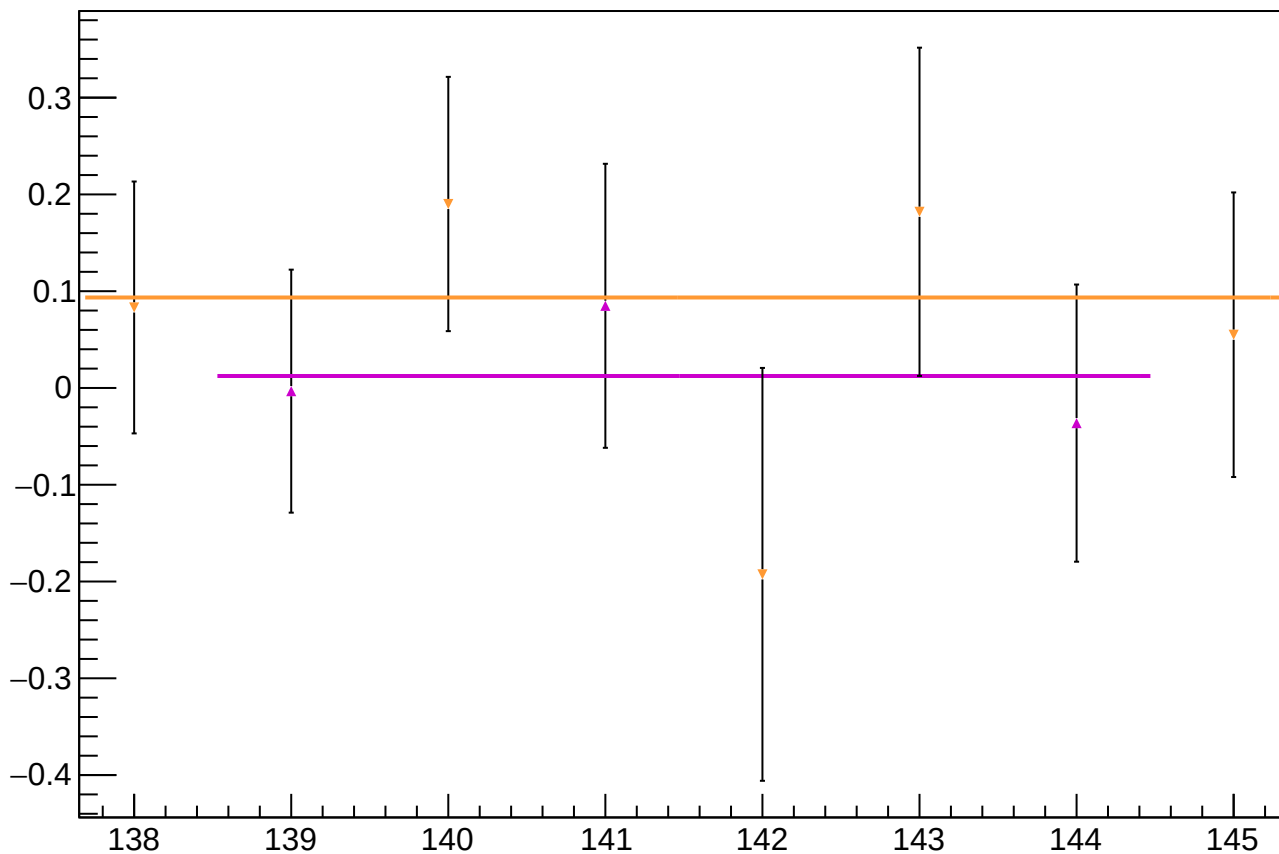
Left In: 0.017 ± 0.002 χ^2/NDF : 0.6/2

-0.011 ± 0.001 χ^2/NDF : 20.7/19

0.001 ± 0.001 χ^2/NDF : 12069.6/41

0.014 ± 0.001 χ^2/NDF : 11897.4/21

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: 0.093 $\pm$ 0.067 χ^2 /NDF: 2.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

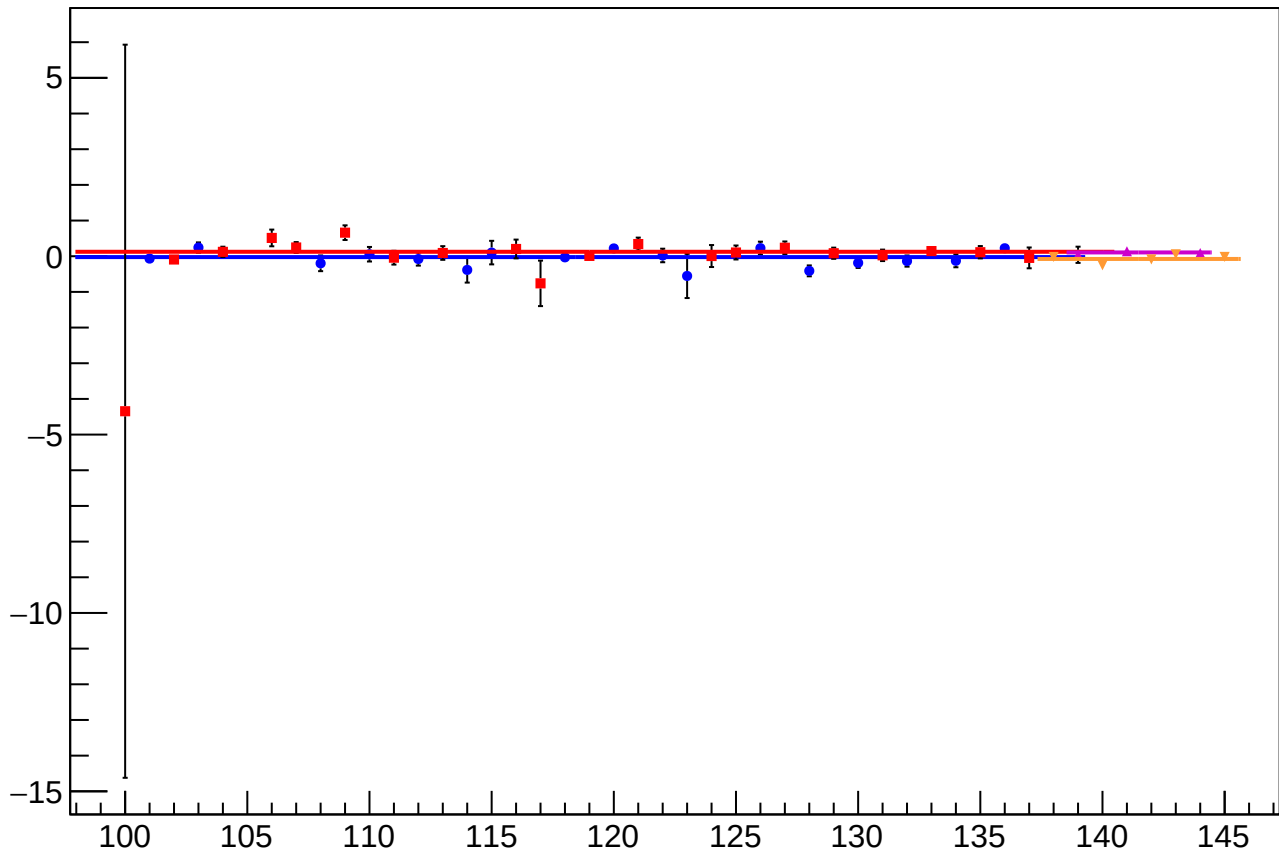
Left In: 0.012 $\pm$ 0.079 χ^2 /NDF: 0.4/2

0.093 $\pm$ 0.067 χ^2 /NDF: 2.7/4

0.059 $\pm$ 0.051 χ^2 /NDF: 3.7/7

0.012 $\pm$ 0.079 χ^2 /NDF: 0.4/2

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.037 χ^2/NDF : 23.4/16

Left Out: -0.076 $\pm$ 0.055 χ^2/NDF : 4.3/4

Right Out: 0.125 $\pm$ 0.039 χ^2/NDF : 19.6/19

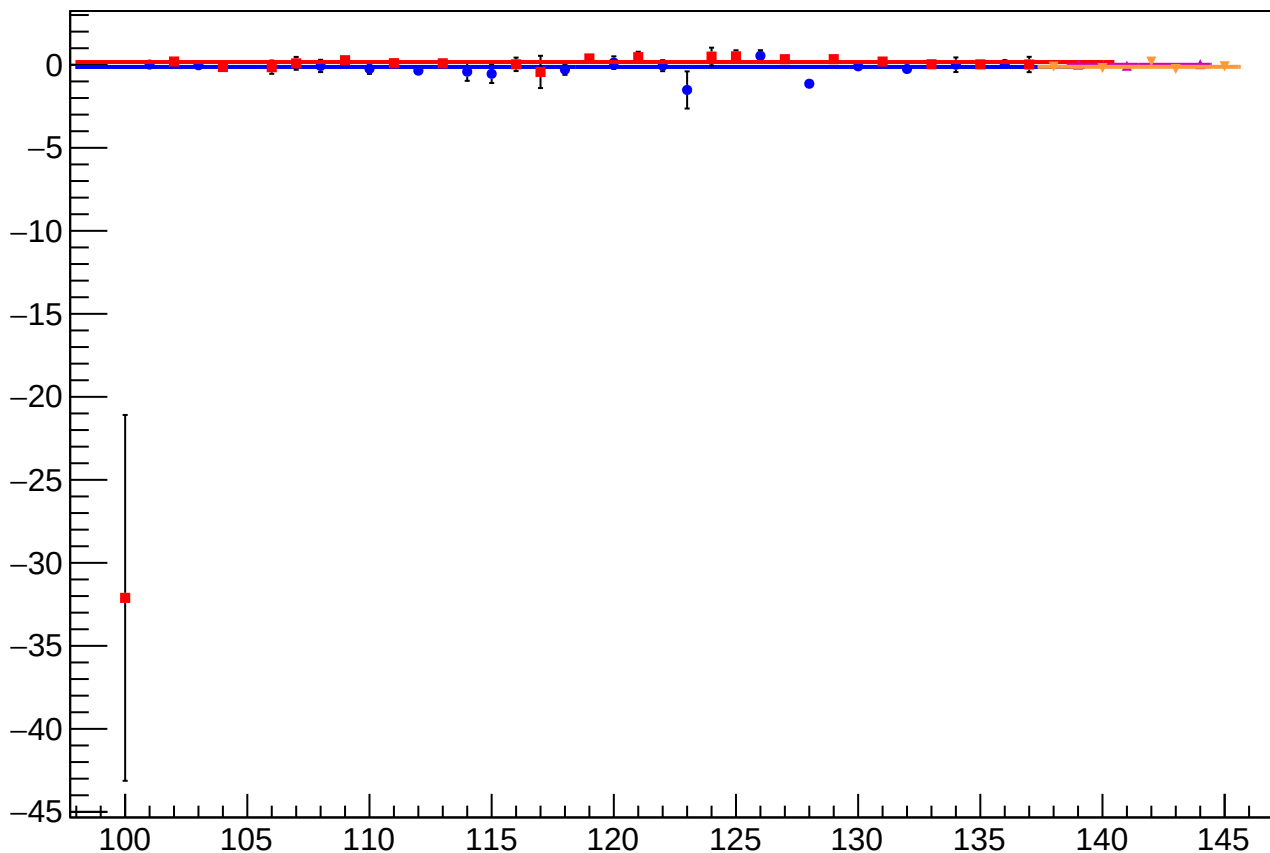
Left In: 0.106 $\pm$ 0.070 χ^2/NDF : 0.2/2

-0.040 $\pm$ 0.030 χ^2/NDF : 28.3/21

0.031 $\pm$ 0.023 χ^2/NDF : 60.3/44

0.120 $\pm$ 0.034 χ^2/NDF : 19.8/22

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: -0.120 ± 0.072 χ^2/NDF : 2.7/4

Right Out: 0.168 ± 0.071 χ^2/NDF : 15.4/19

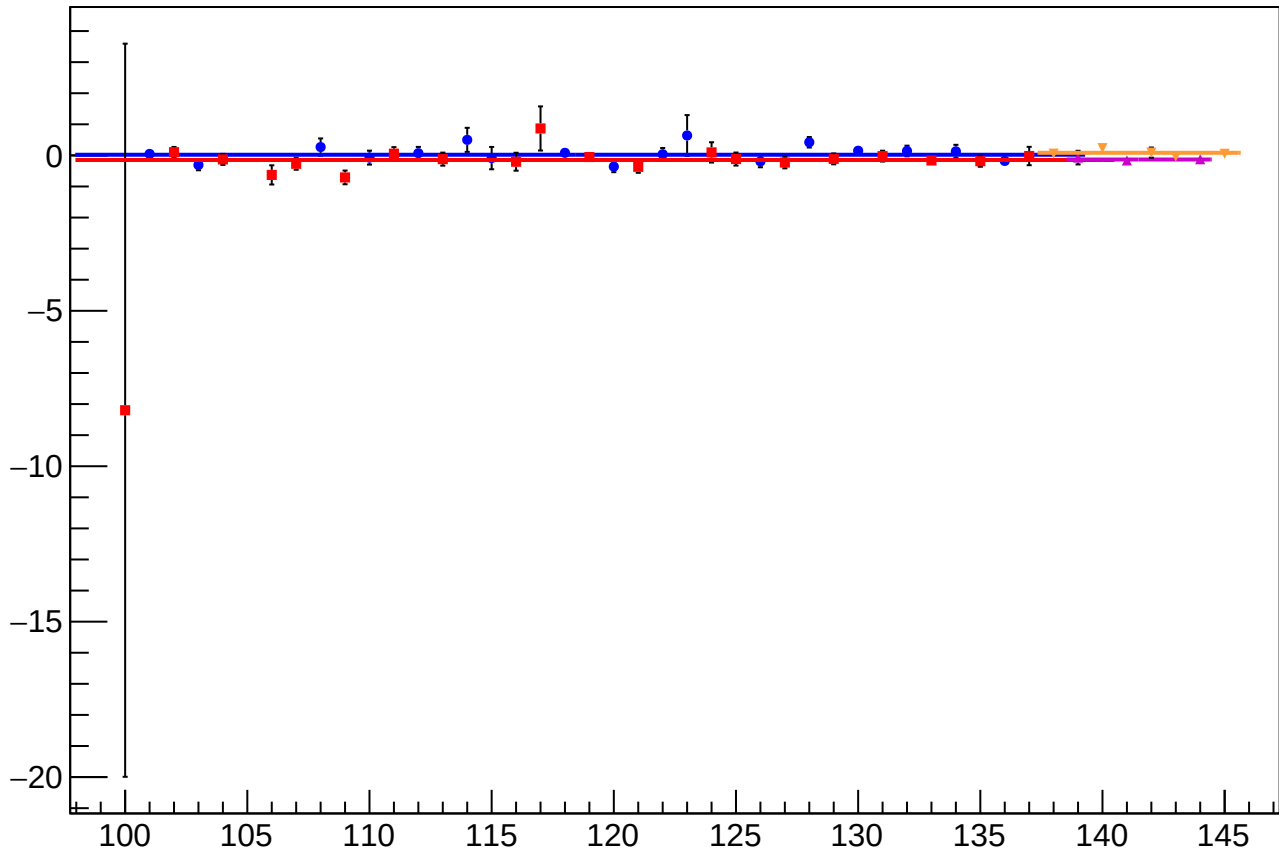
Left In: 0.002 ± 0.085 χ^2/NDF : 0.2/2

-0.125 ± 0.049 χ^2/NDF : 26.5/21

-0.024 ± 0.036 χ^2/NDF : 53.8/44

0.101 ± 0.054 χ^2/NDF : 17.9/22

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.084 ± 0.065 χ^2/NDF : 2.2/4

Right Out: -0.148 ± 0.045 χ^2/NDF : 18.3/19

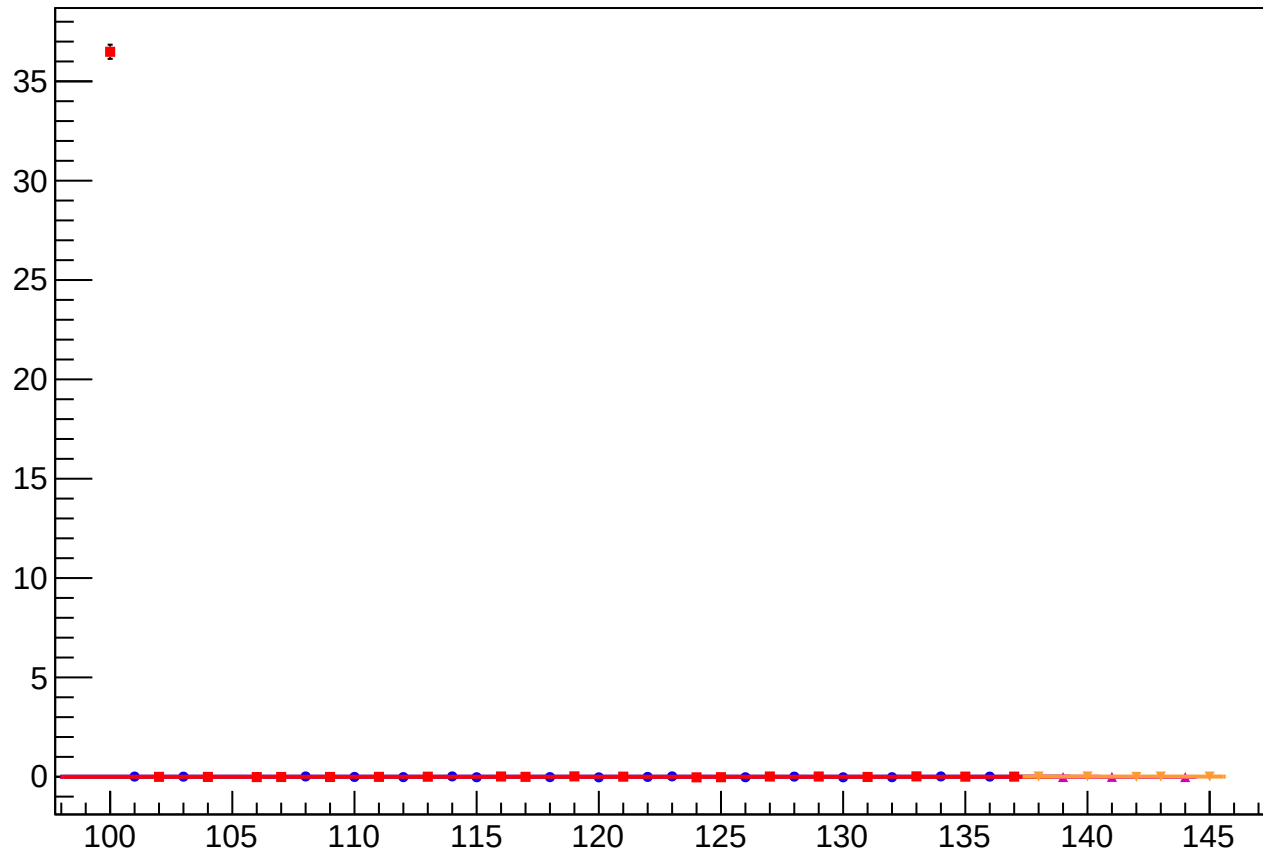
Left In: -0.132 ± 0.081 χ^2/NDF : 0.1/2

0.039 ± 0.035 χ^2/NDF : 25.4/21

-0.042 ± 0.026 χ^2/NDF : 55.8/44

-0.144 ± 0.040 χ^2/NDF : 18.5/22

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.009 $\pm$ 0.003 χ^2 /NDF: 3.2/4

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/19

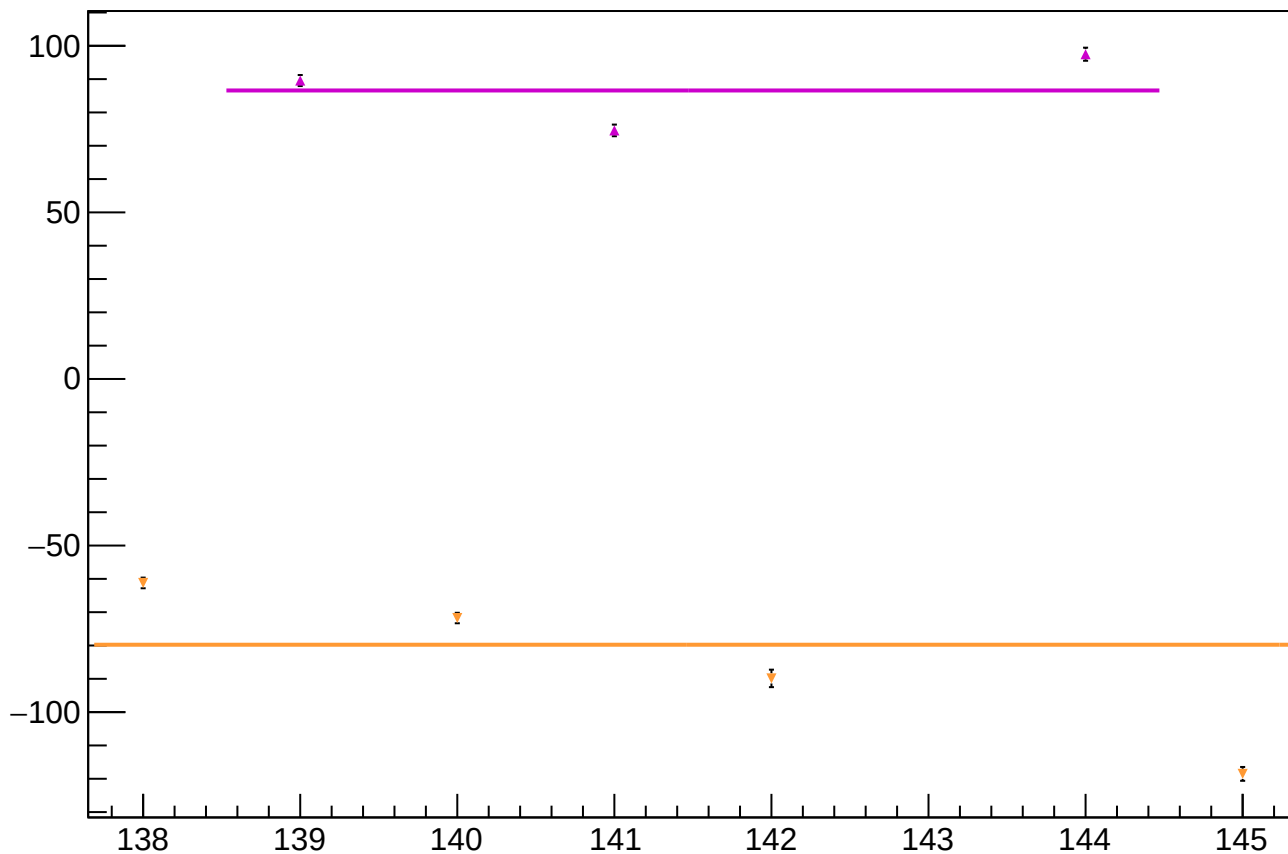
Left In: -0.011 $\pm$ 0.003 χ^2 /NDF: 2.0/2

0.004 $\pm$ 0.002 χ^2 /NDF: 39.7/21

0.000 $\pm$ 0.001 χ^2 /NDF: 10507.3/44

-0.004 $\pm$ 0.002 χ^2 /NDF: 10457.5/22

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: -79.769+/-0.924 χ^2/NDF : 523.7/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

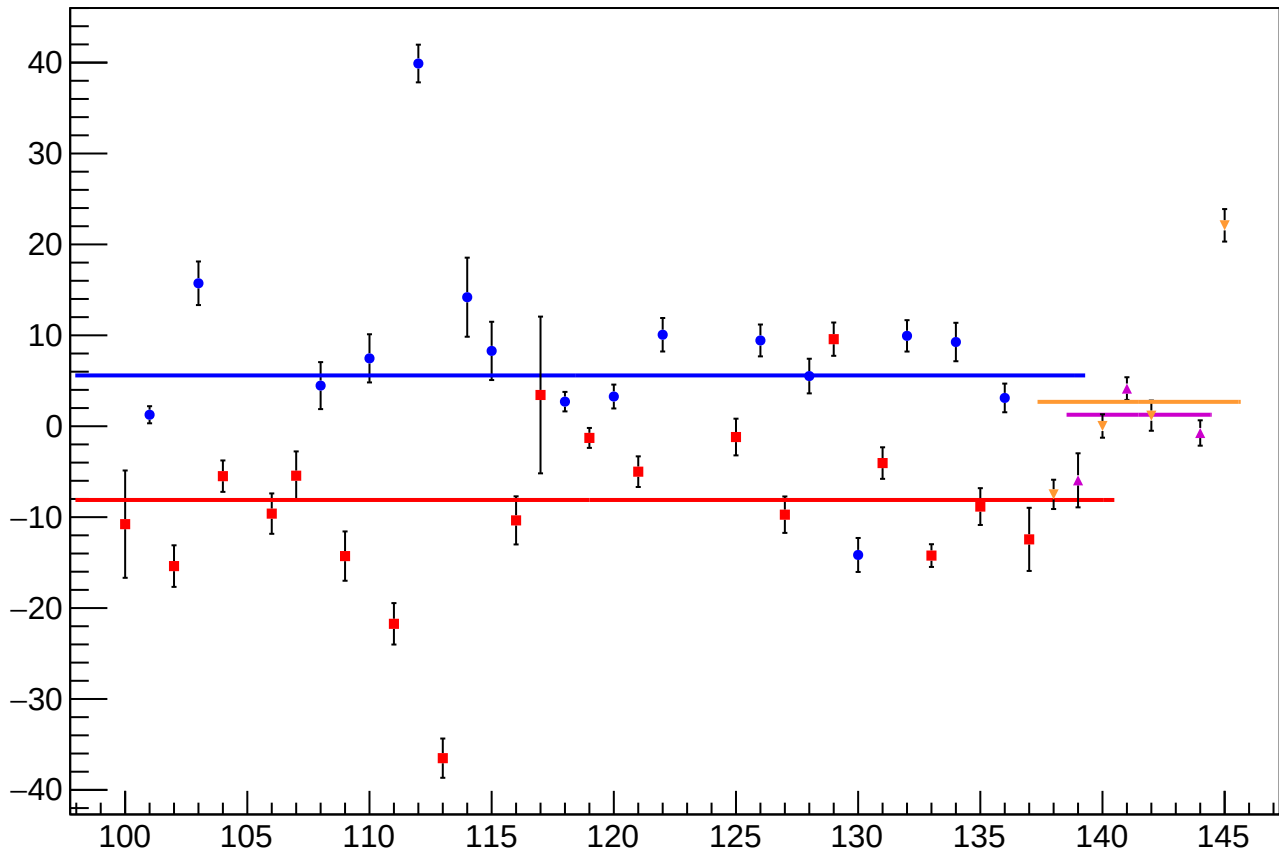
Left In: 86.593+/-1.026 χ^2/NDF : 80.9/2

-79.769+/-0.924 χ^2/NDF : 523.7/3

-5.205+/-0.687 χ^2/NDF : 15125.5/6

86.593+/-1.026 χ^2/NDF : 80.9/2

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589 ± 0.424 χ^2/NDF : 462.8/15

Left Out: 2.683 ± 0.776 χ^2/NDF : 162.9/3

Right Out: -8.110 ± 0.453 χ^2/NDF : 409.5/18

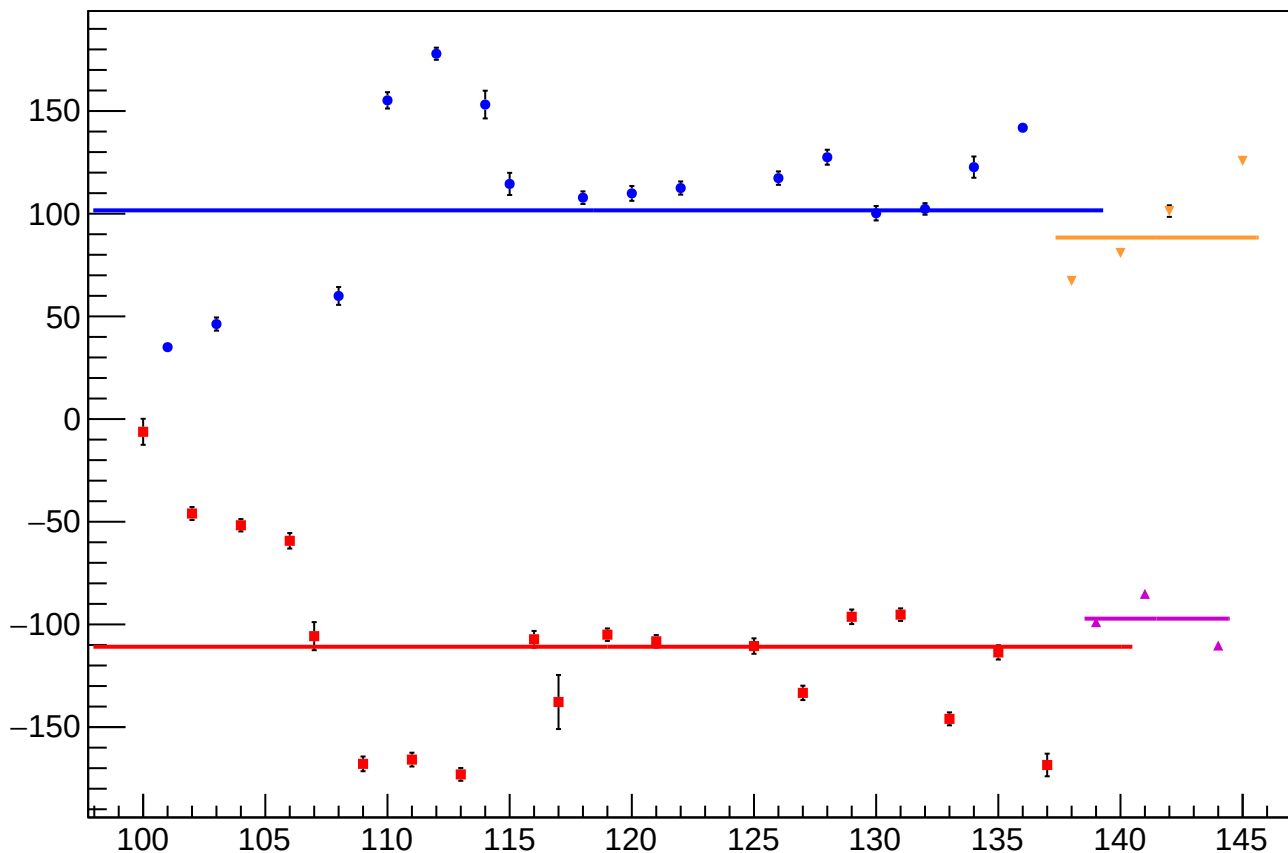
Left In: 1.265 ± 0.888 χ^2/NDF : 13.3/2

4.922 ± 0.372 χ^2/NDF : 636.5/19

-0.172 ± 0.273 χ^2/NDF : 1556.7/41

-6.174 ± 0.404 χ^2/NDF : 511.2/21

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.631+/-0.807 χ^2/NDF : 2978.9/15

Left Out: 88.379+/-0.985 χ^2/NDF : 489.5/3

Right Out: -110.864+/-0.835 χ^2/NDF : 2517.1/18

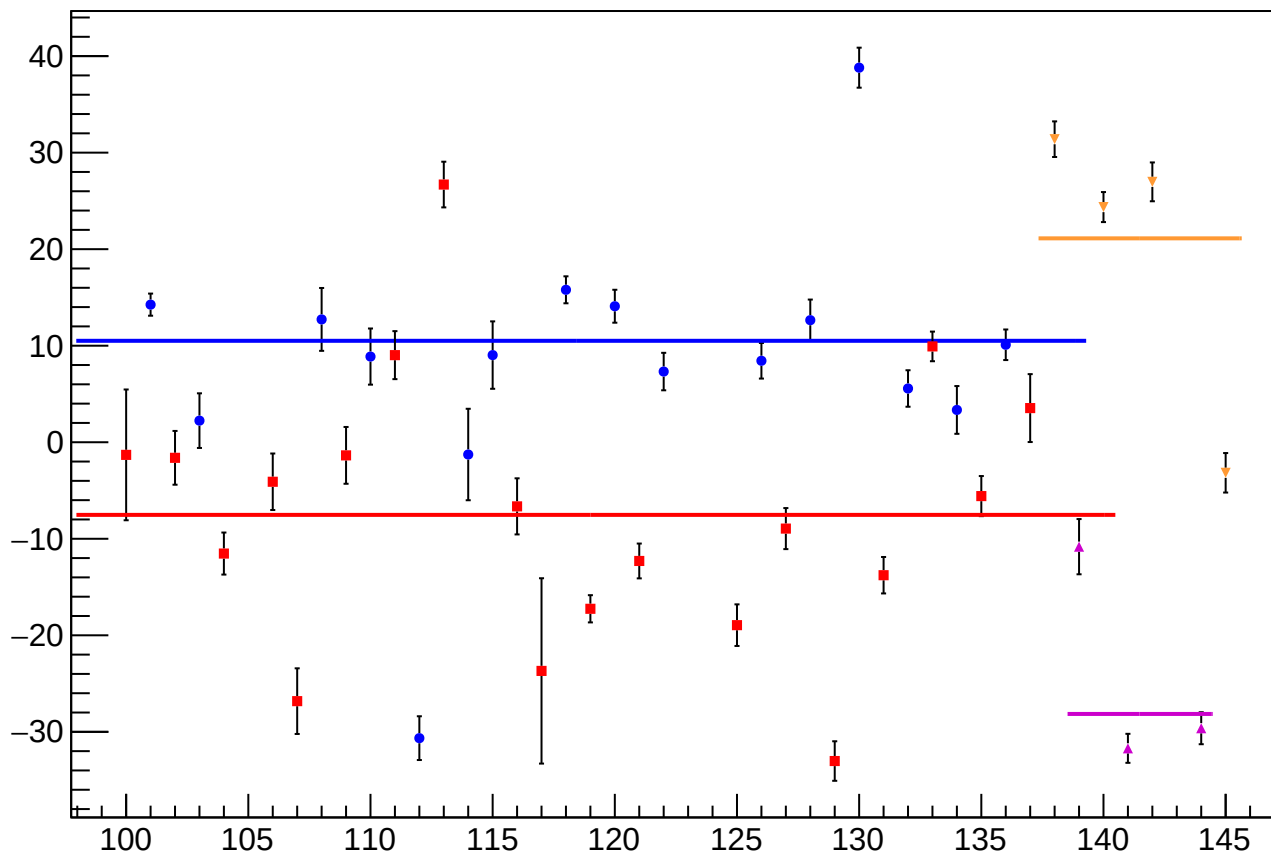
Left In: -97.177+/-1.100 χ^2/NDF : 81.8/2

96.312+/-0.624 χ^2/NDF : 3576.6/19

1.566+/-0.455 χ^2/NDF : 55415.7/41

-105.864+/-0.665 χ^2/NDF : 2697.2/21

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508 ± 0.492 $\chi^2/\text{NDF}: 581.5/15$

Left Out: 21.121 ± 0.916 $\chi^2/\text{NDF}: 184.7/3$

Right Out: -7.525 ± 0.523 $\chi^2/\text{NDF}: 692.2/18$

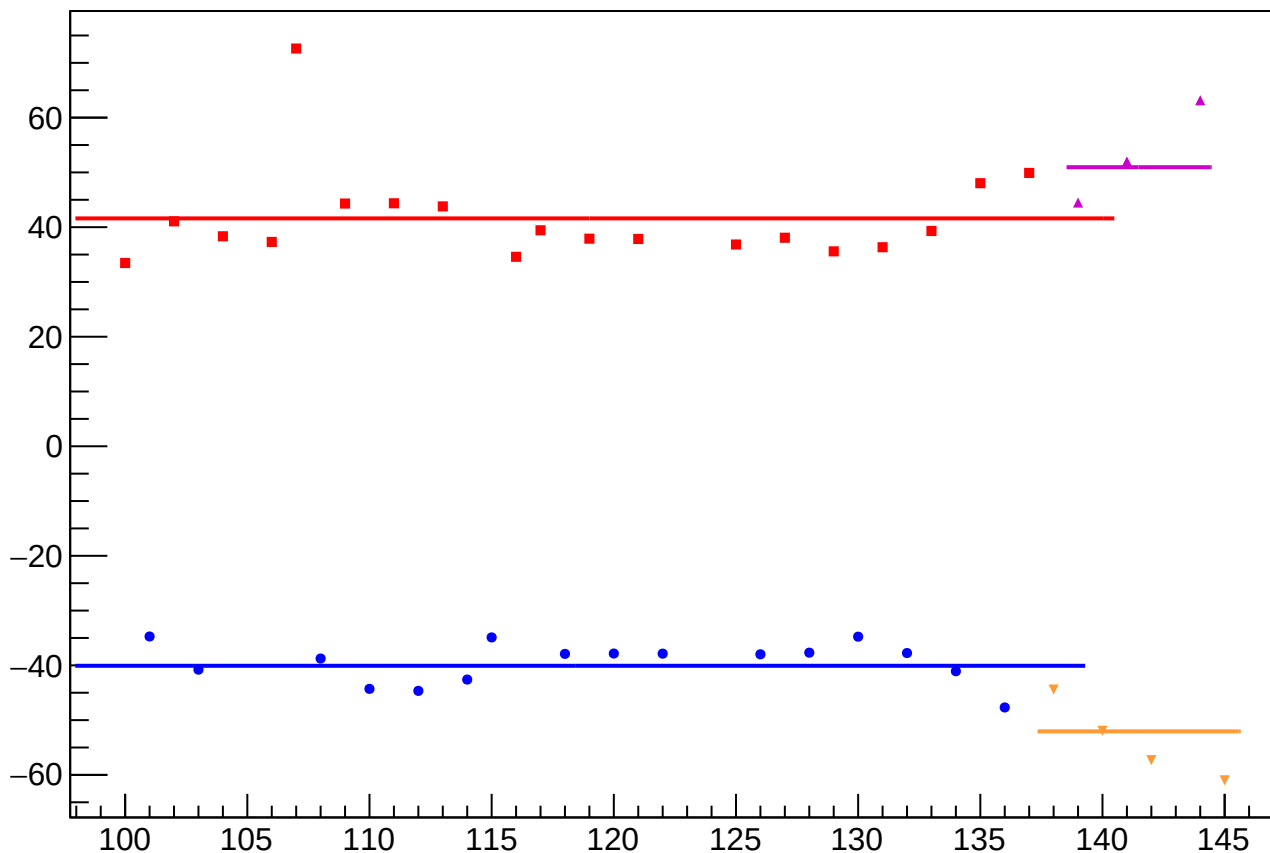
Left In: -28.147 ± 1.037 $\chi^2/\text{NDF}: 43.1/2$

12.887 ± 0.433 $\chi^2/\text{NDF}: 870.5/19$

1.509 ± 0.318 $\chi^2/\text{NDF}: 3410.5/41$

-11.709 ± 0.467 $\chi^2/\text{NDF}: 1050.4/21$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.080±/-0.028 χ^2 /NDF: 25123.9/15

Left Out: -52.055±/-0.040 χ^2 /NDF: 25498.2/3

Right Out: 41.605±/-0.029 χ^2 /NDF: 61797.6/18

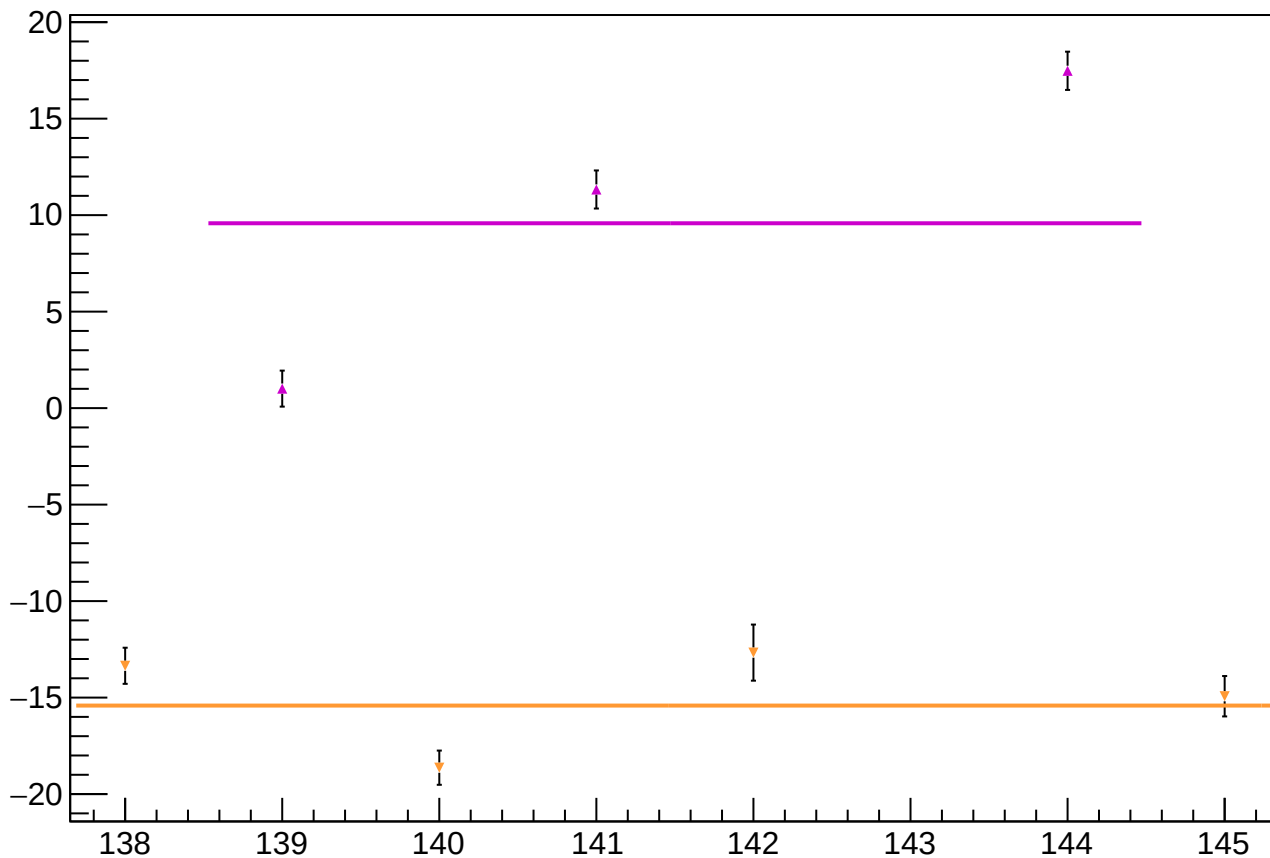
Left In: 50.949±/-0.043 χ^2 /NDF: 28360.8/2

-44.008±/-0.023 χ^2 /NDF: 109787.3/19

-0.949±/-0.017 χ^2 /NDF: 7364918.6/41

44.483±/-0.024 χ^2 /NDF: 123177.3/21

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.413+/-0.513 χ^2/NDF : 21.8/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

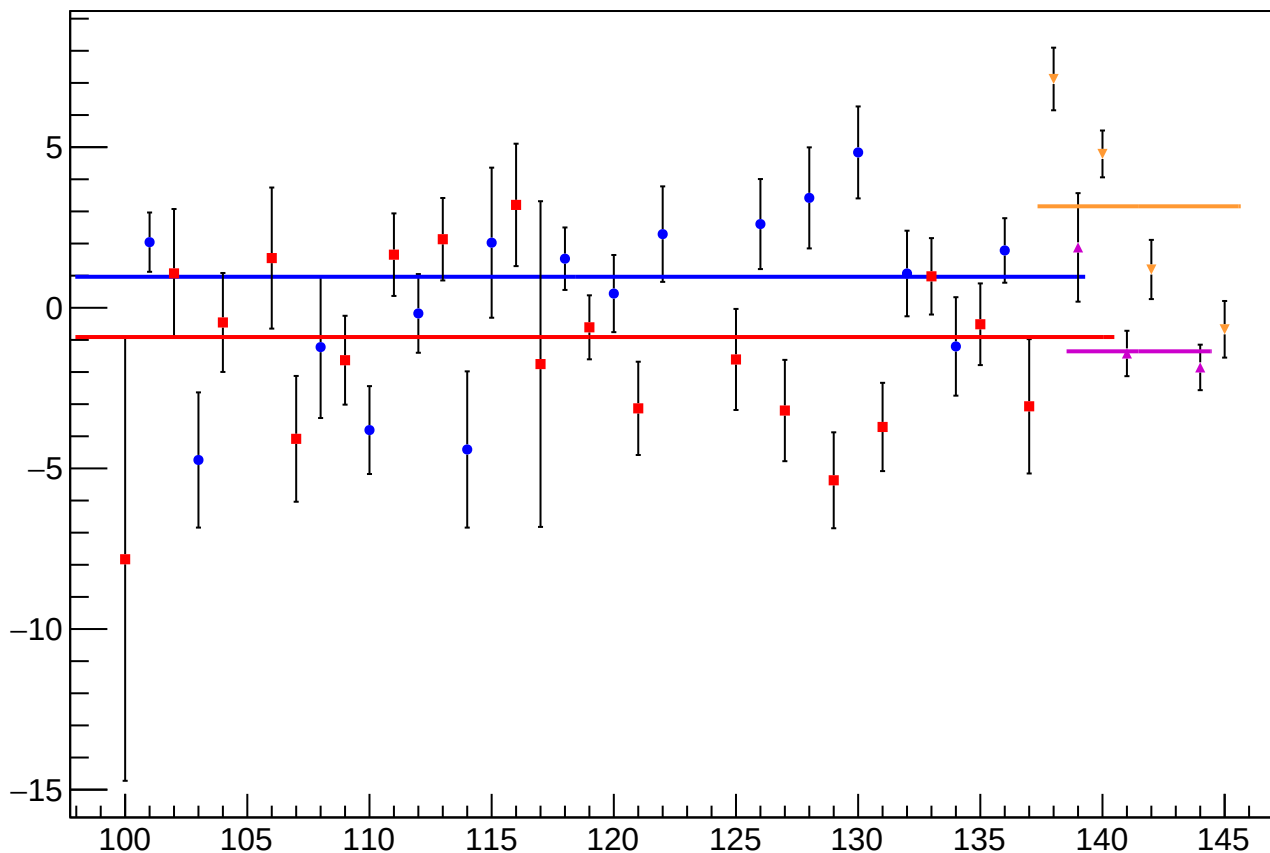
Left In: 9.579+/-0.560 χ^2/NDF : 151.0/2

-15.413+/-0.513 χ^2/NDF : 21.8/3

-4.000+/-0.378 χ^2/NDF : 1256.8/6

9.579+/-0.560 χ^2/NDF : 151.0/2

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: 3.159 ± 0.430 χ^2/NDF : 45.0/3

Right Out: -0.910 ± 0.353 χ^2/NDF : 42.0/18

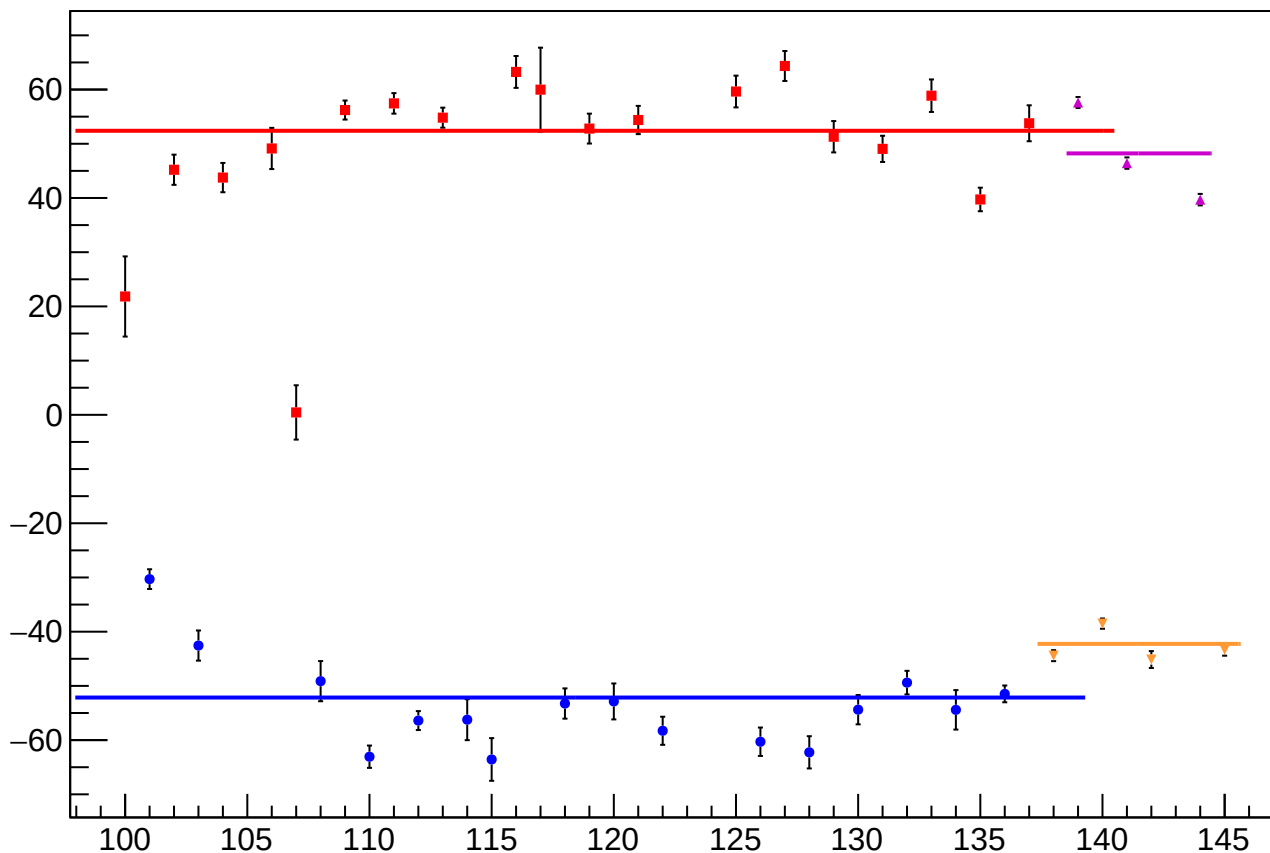
Left In: -1.355 ± 0.480 χ^2/NDF : 4.2/2

1.803 ± 0.266 χ^2/NDF : 104.0/19

0.464 ± 0.194 χ^2/NDF : 205.1/41

-1.066 ± 0.284 χ^2/NDF : 46.7/21

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.148+/-0.612 χ^2/NDF : 230.2/15

Left Out: -42.250+/-0.548 χ^2/NDF :24.6/3

Right Out: 52.394+/-0.614 χ^2/NDF : 236.7/18

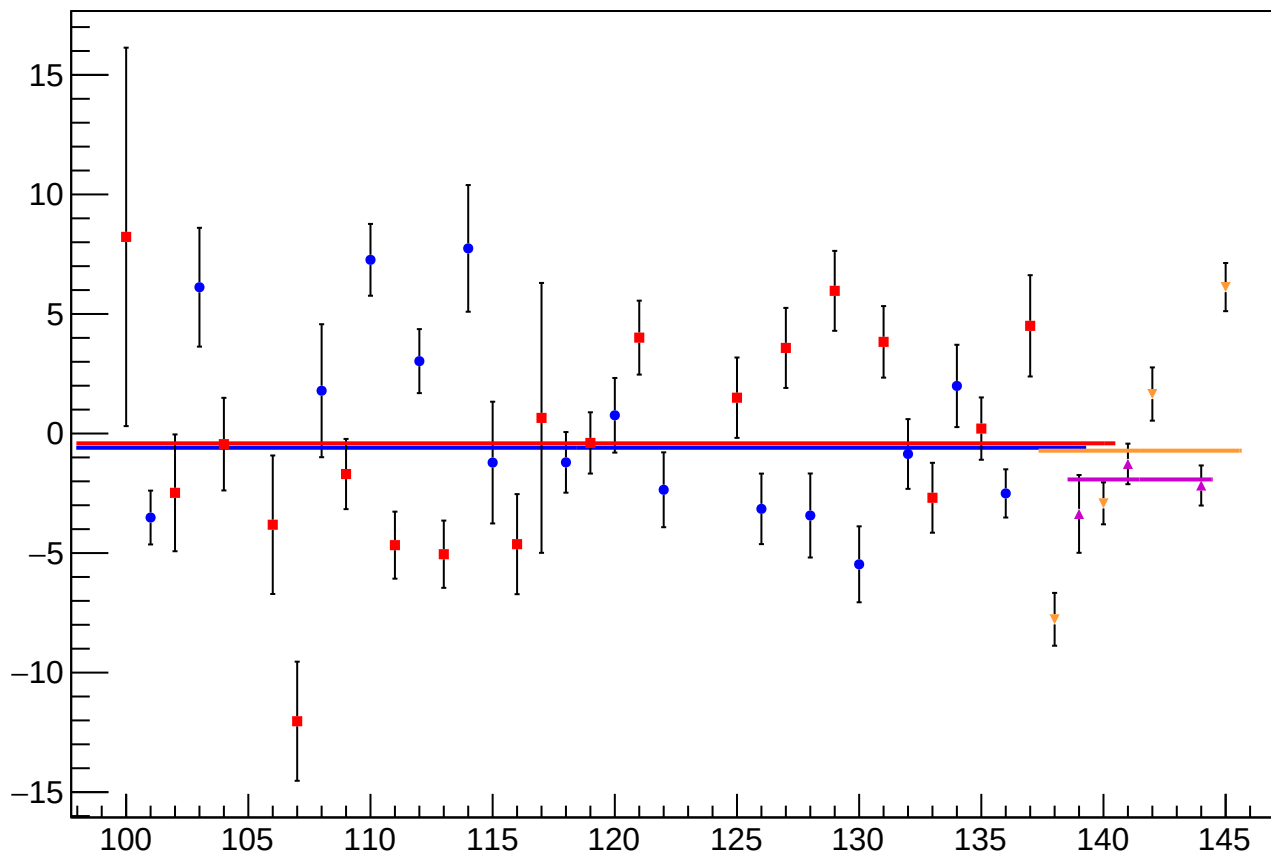
Left In: 48.223+/-0.600 χ^2/NDF :154.3/2

-46.653+/-0.408 χ^2/NDF : 400.1/19

-0.613+/-0.296 χ^2/NDF : 27602.0/41

50.261+/-0.429 χ^2/NDF : 414.6/21

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: -0.717 ± 0.506 χ^2/NDF : 97.7/3

Right Out: -0.411 ± 0.399 χ^2/NDF : 95.8/18

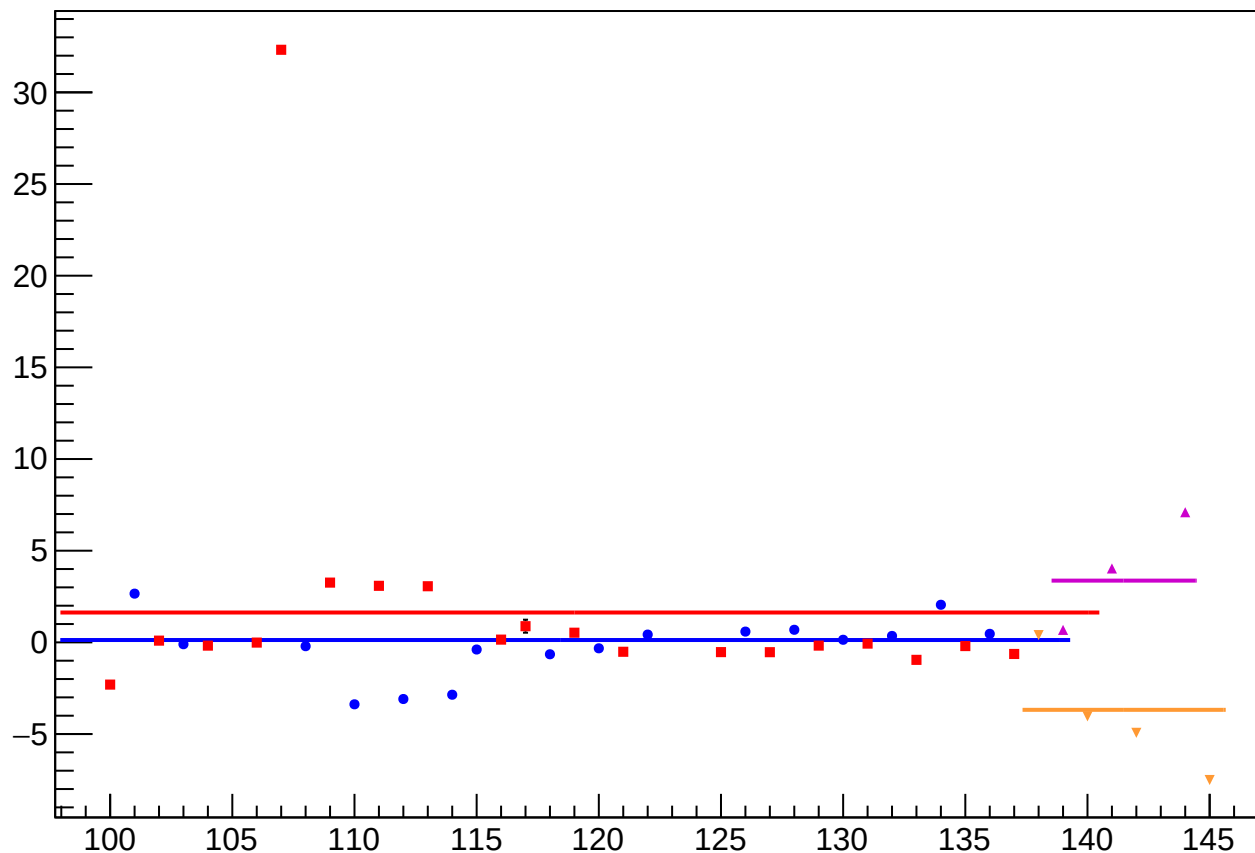
Left In: -1.921 ± 0.560 χ^2/NDF : 1.5/2

-0.640 ± 0.306 χ^2/NDF : 180.3/19

-0.771 ± 0.223 χ^2/NDF : 282.8/41

-0.919 ± 0.325 χ^2/NDF : 102.1/21

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -3.680 ± 0.022 $\chi^2/\text{NDF}: 18862.4/3$

Right Out: 1.628 ± 0.022 $\chi^2/\text{NDF}: 77883.0/18$

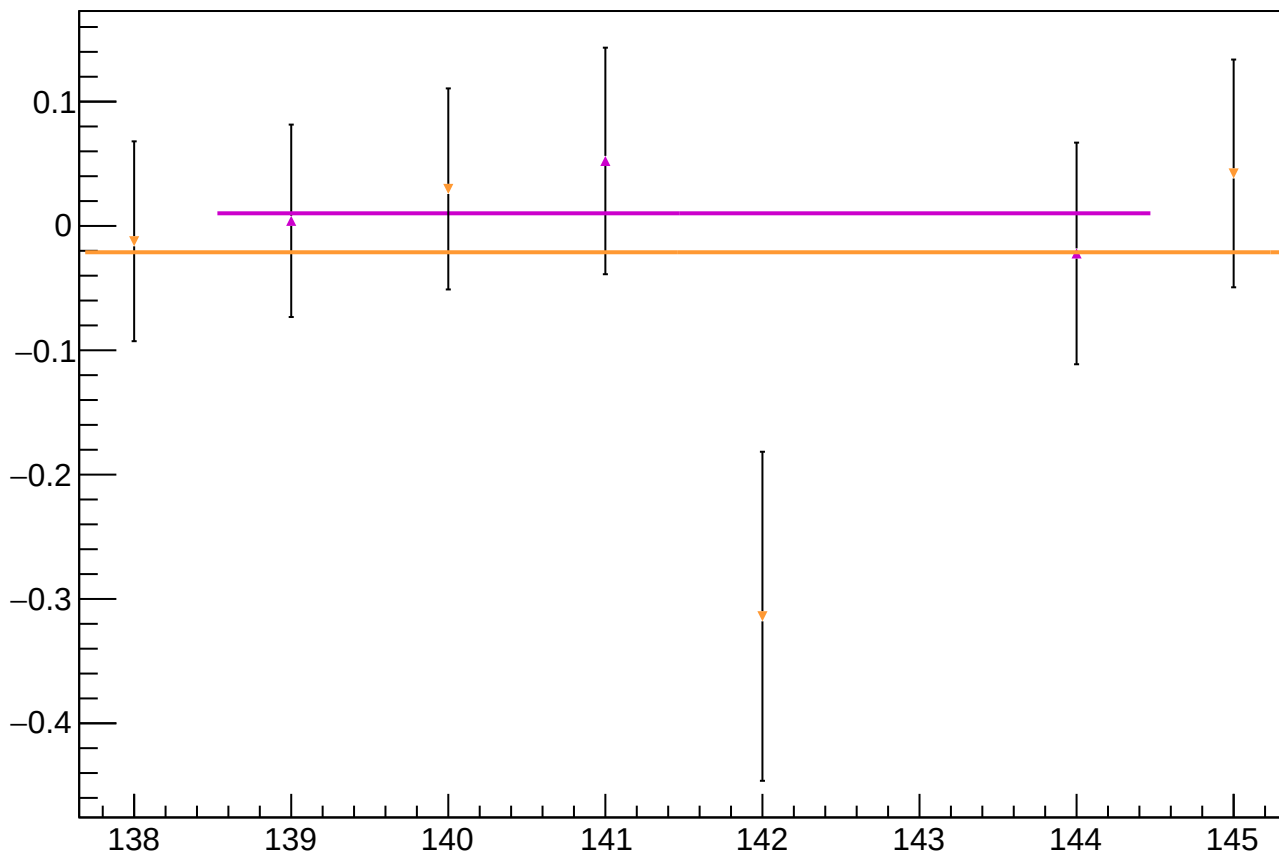
Left In: 3.368 ± 0.023 $\chi^2/\text{NDF}: 12395.6/2$

-1.711 ± 0.015 $\chi^2/\text{NDF}: 39271.6/19$

0.293 ± 0.011 $\chi^2/\text{NDF}: 167256.0/41$

2.432 ± 0.016 $\chi^2/\text{NDF}: 93229.6/21$

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: -0.021 $\pm$ 0.045 χ^2 /NDF: 5.8/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

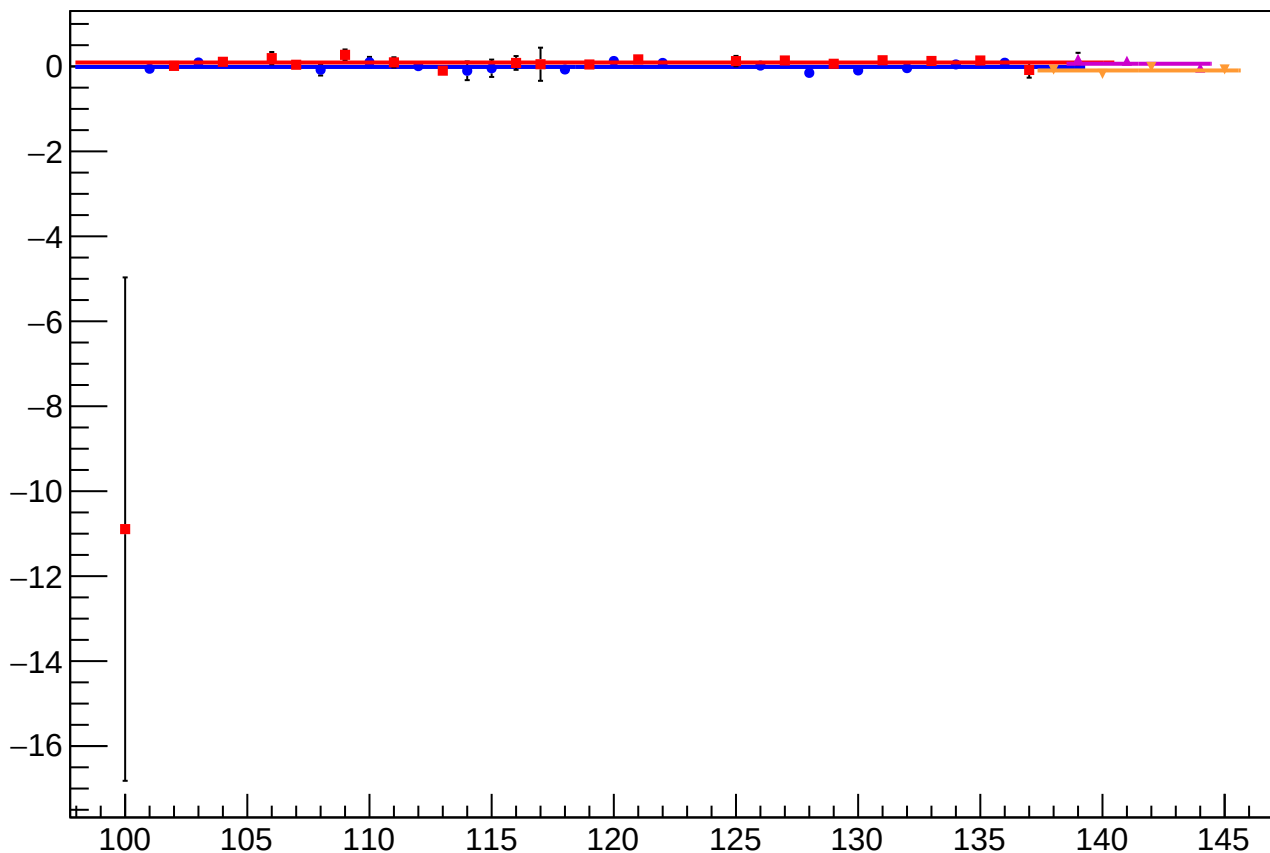
Left In: 0.010 $\pm$ 0.049 χ^2 /NDF: 0.4/2

-0.021 $\pm$ 0.045 χ^2 /NDF: 5.8/3

-0.007 $\pm$ 0.033 χ^2 /NDF: 6.4/6

0.010 $\pm$ 0.049 χ^2 /NDF: 0.4/2

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.095 ± 0.039 χ^2/NDF : 2.6/3

Right Out: 0.092 ± 0.025 χ^2/NDF : 12.7/18

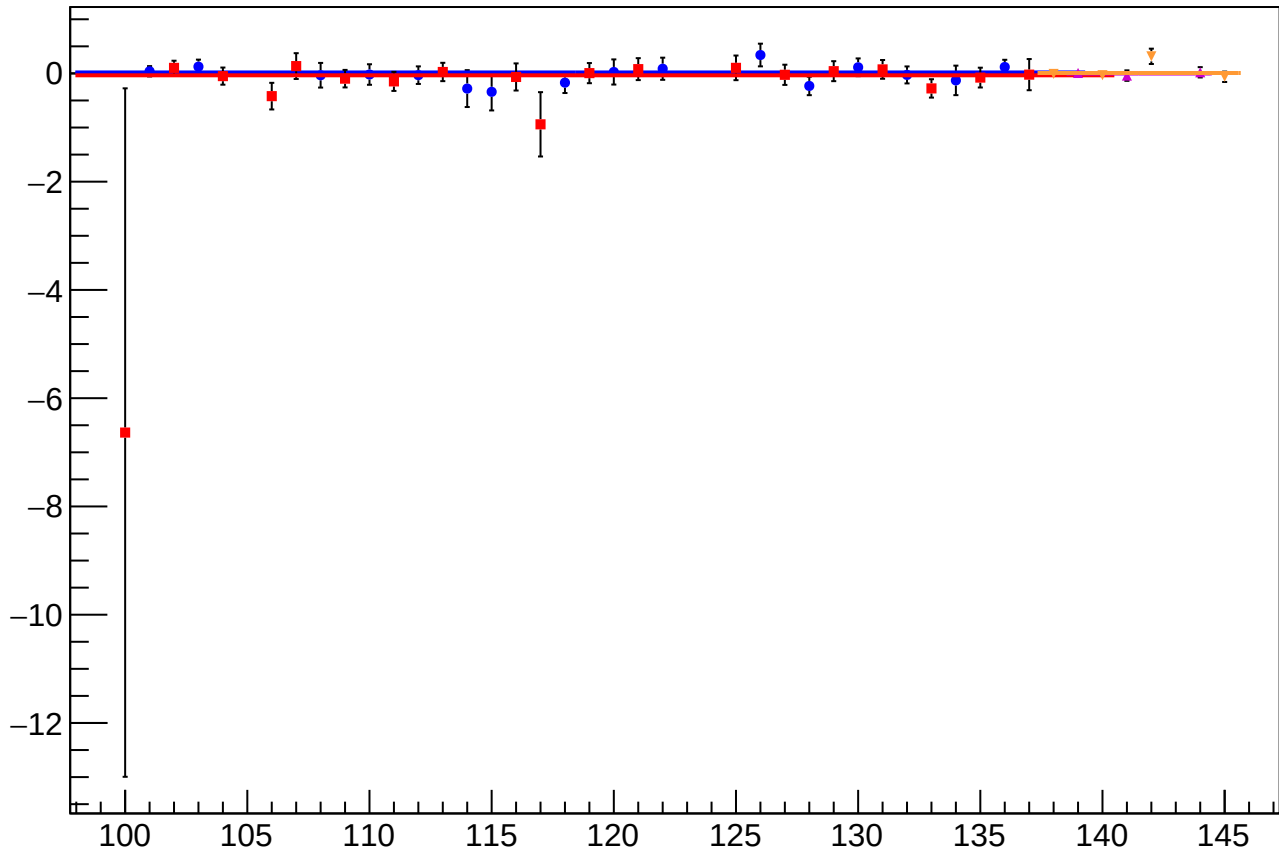
Left In: 0.063 ± 0.043 χ^2/NDF : 4.0/2

-0.035 ± 0.020 χ^2/NDF : 18.2/19

0.021 ± 0.015 χ^2/NDF : 51.7/41

0.085 ± 0.022 χ^2/NDF : 17.0/21

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.017 ± 0.043 χ^2/NDF : 9.6/15

Left Out: 0.008 ± 0.049 χ^2/NDF : 5.5/3

Right Out: -0.035 ± 0.045 χ^2/NDF : 11.5/18

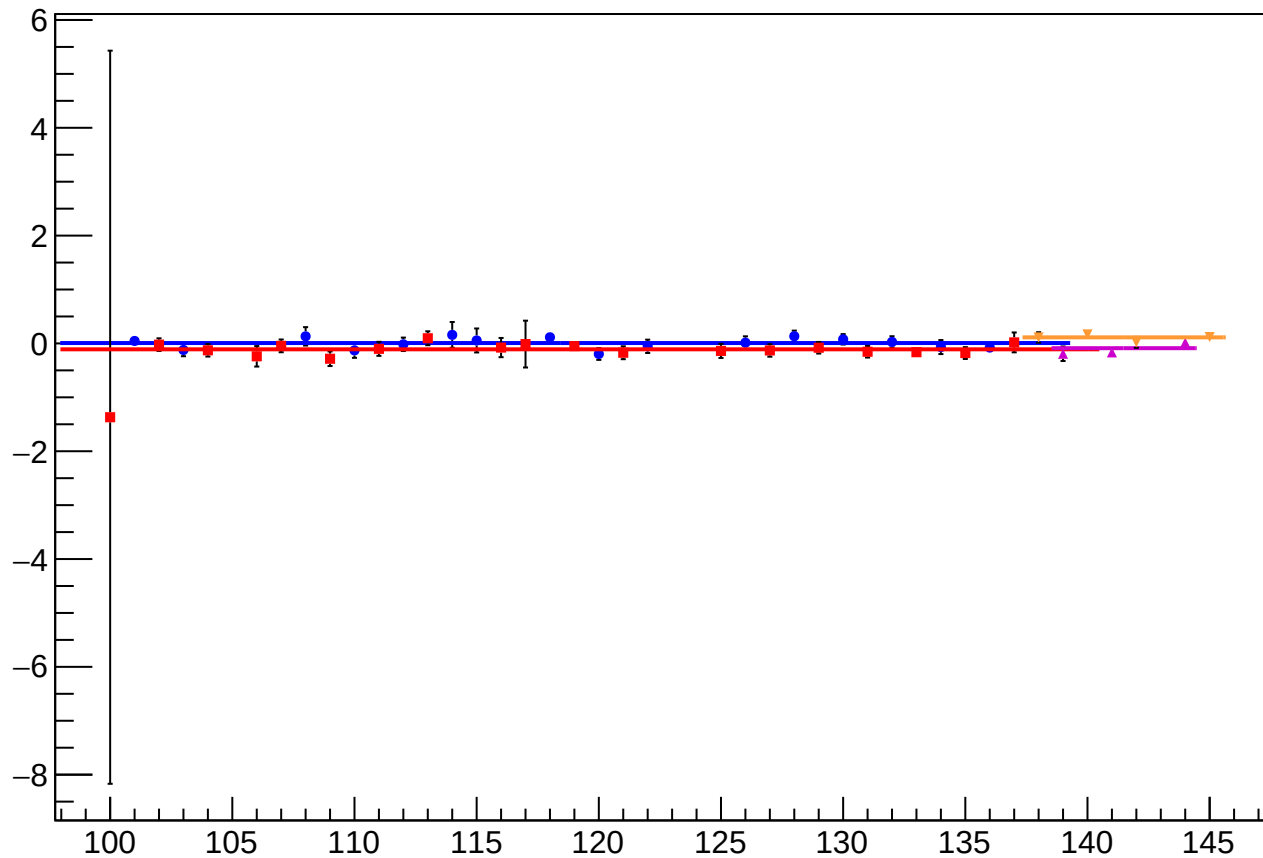
Left In: -0.002 ± 0.053 χ^2/NDF : 0.2/2

0.013 ± 0.032 χ^2/NDF : 15.2/19

-0.003 ± 0.023 χ^2/NDF : 27.7/41

-0.021 ± 0.034 χ^2/NDF : 12.0/21

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.112 ± 0.045 χ^2/NDF : 1.3/3

Right Out: -0.109 ± 0.029 χ^2/NDF : 8.0/18

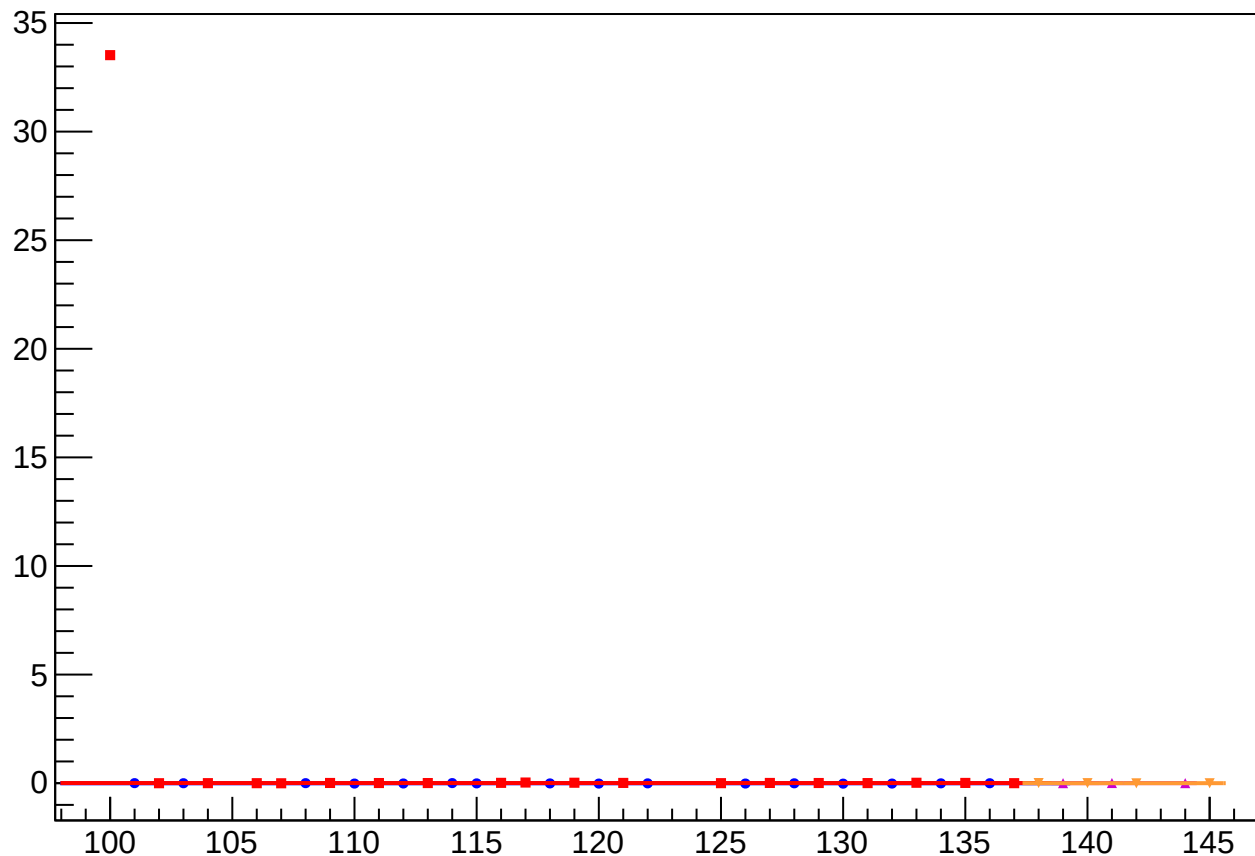
Left In: -0.088 ± 0.050 χ^2/NDF : 3.5/2

0.034 ± 0.023 χ^2/NDF : 17.4/19

-0.030 ± 0.017 χ^2/NDF : 45.7/41

-0.104 ± 0.025 χ^2/NDF : 11.6/21

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2/NDF : 22.6/15

Left Out: -0.000 $\pm$ 0.002 χ^2/NDF : 5.7/3

Right Out: 0.006 $\pm$ 0.001 χ^2/NDF : 26509.7/18

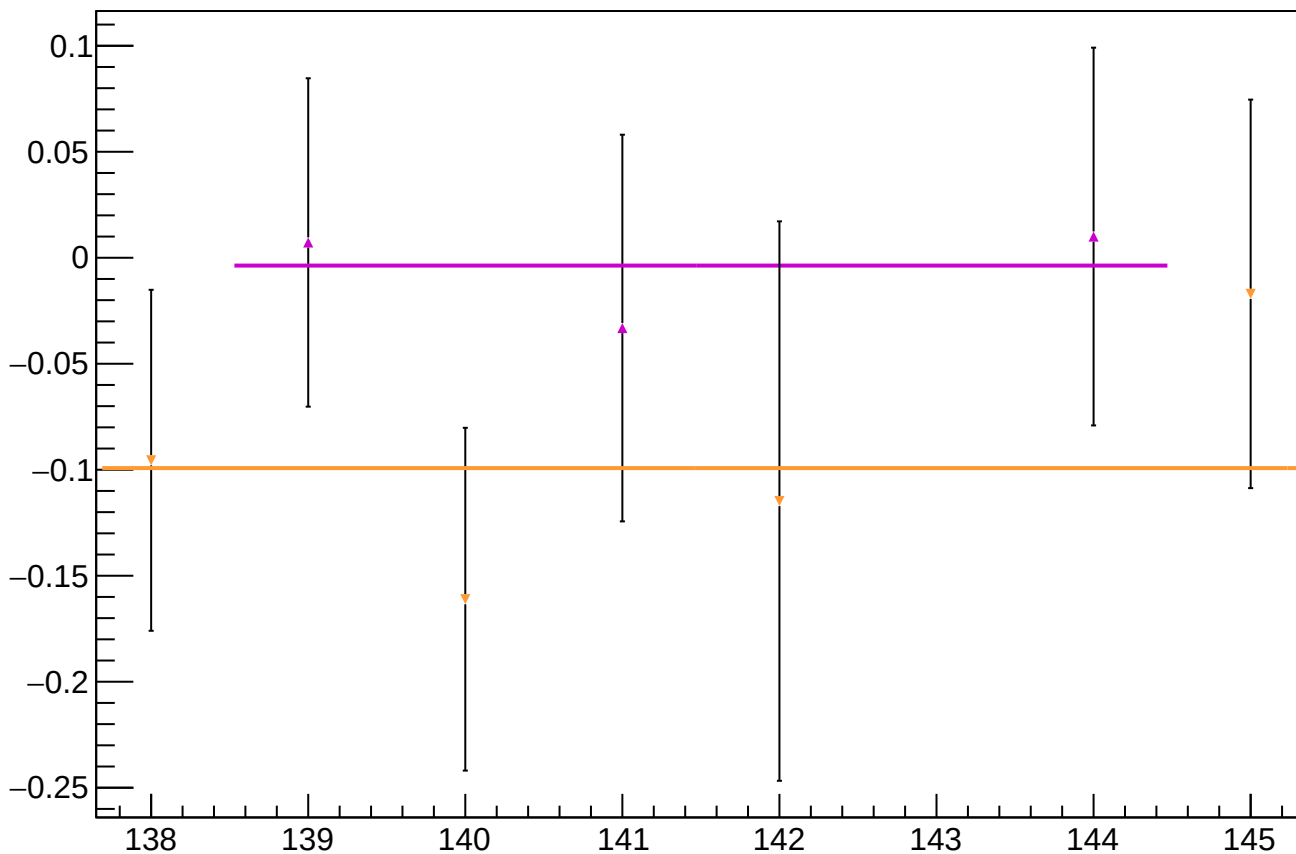
Left In: 0.003 $\pm$ 0.002 χ^2/NDF : 1.7/2

-0.004 $\pm$ 0.001 χ^2/NDF : 32.8/19

0.001 $\pm$ 0.001 χ^2/NDF : 26572.2/41

0.005 $\pm$ 0.001 χ^2/NDF : 26512.7/21

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: -0.099 $\pm$ 0.045 χ^2 /NDF: 1.4/3

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

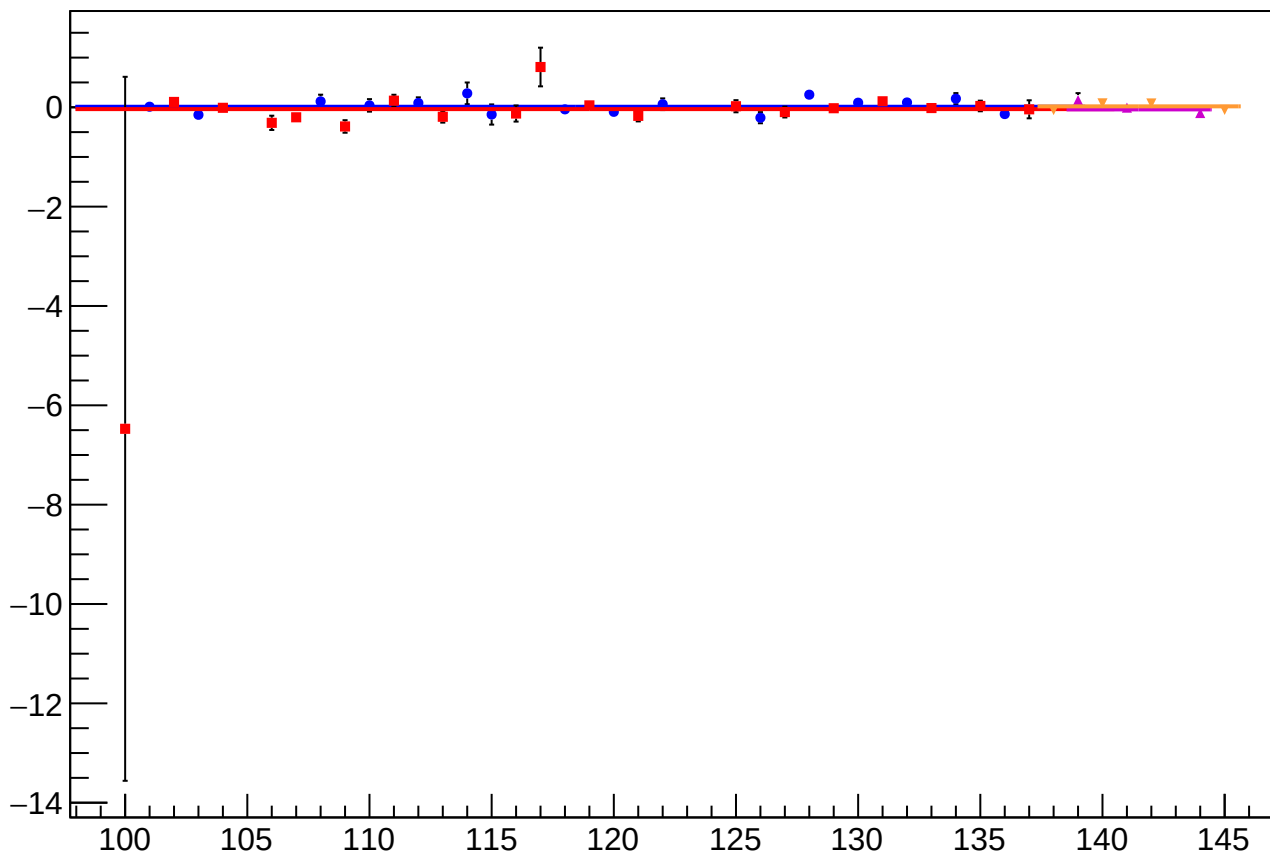
Left In: -0.004 $\pm$ 0.049 χ^2 /NDF: 0.1/2

-0.099 $\pm$ 0.045 χ^2 /NDF: 1.4/3

-0.055 $\pm$ 0.033 χ^2 /NDF: 3.6/6

-0.004 $\pm$ 0.049 χ^2 /NDF: 0.1/2

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.023 χ^2 /NDF: 25.4/15

Left Out: 0.019 $\pm$ 0.039 χ^2 /NDF: 2.9/3

Right Out: -0.037 $\pm$ 0.025 χ^2 /NDF: 32.7/18

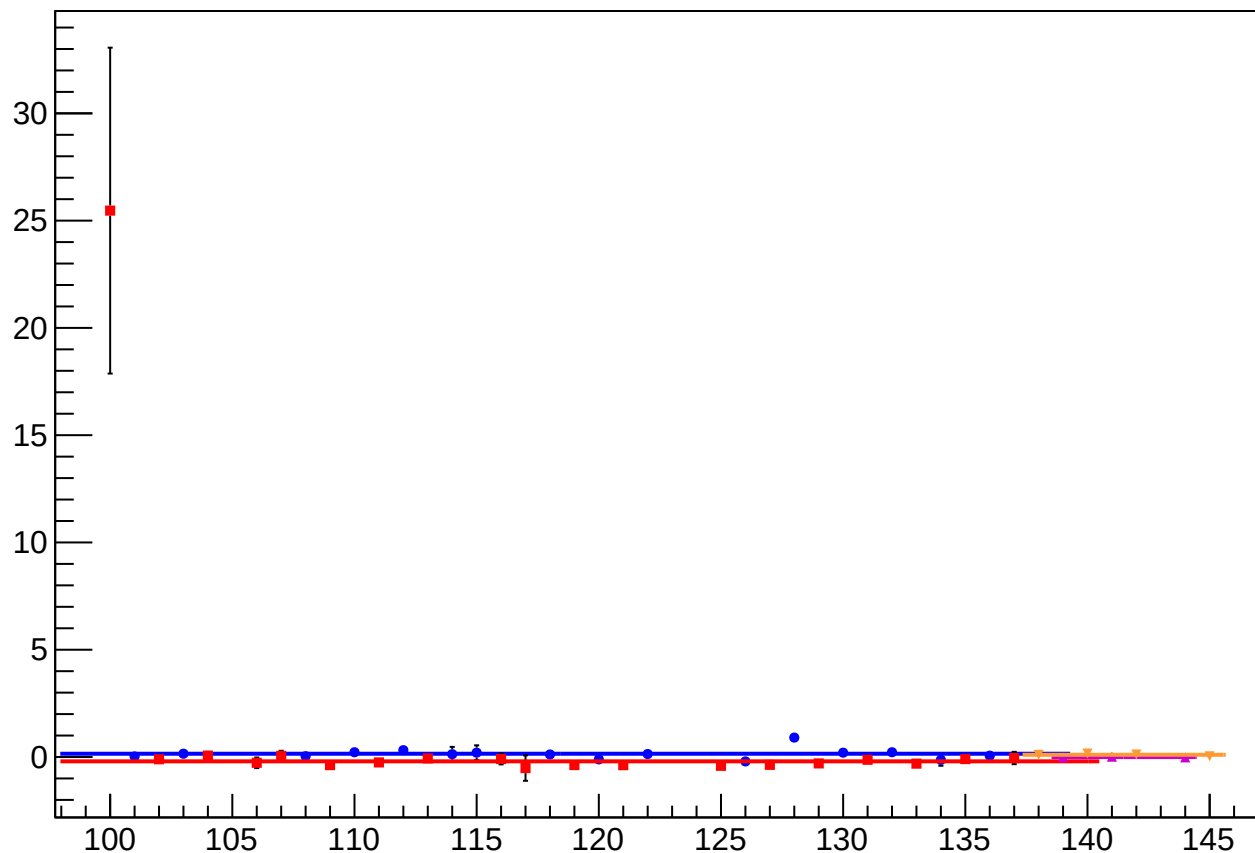
Left In: -0.043 $\pm$ 0.043 χ^2 /NDF: 3.4/2

0.013 $\pm$ 0.020 χ^2 /NDF: 28.4/19

-0.011 $\pm$ 0.015 χ^2 /NDF: 67.5/41

-0.038 $\pm$ 0.021 χ^2 /NDF: 36.1/21

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152 ± 0.043 $\chi^2/\text{NDF}: 28.7/15$

Left Out: 0.104 ± 0.049 $\chi^2/\text{NDF}: 1.0/3$

Right Out: -0.202 ± 0.045 $\chi^2/\text{NDF}: 23.2/18$

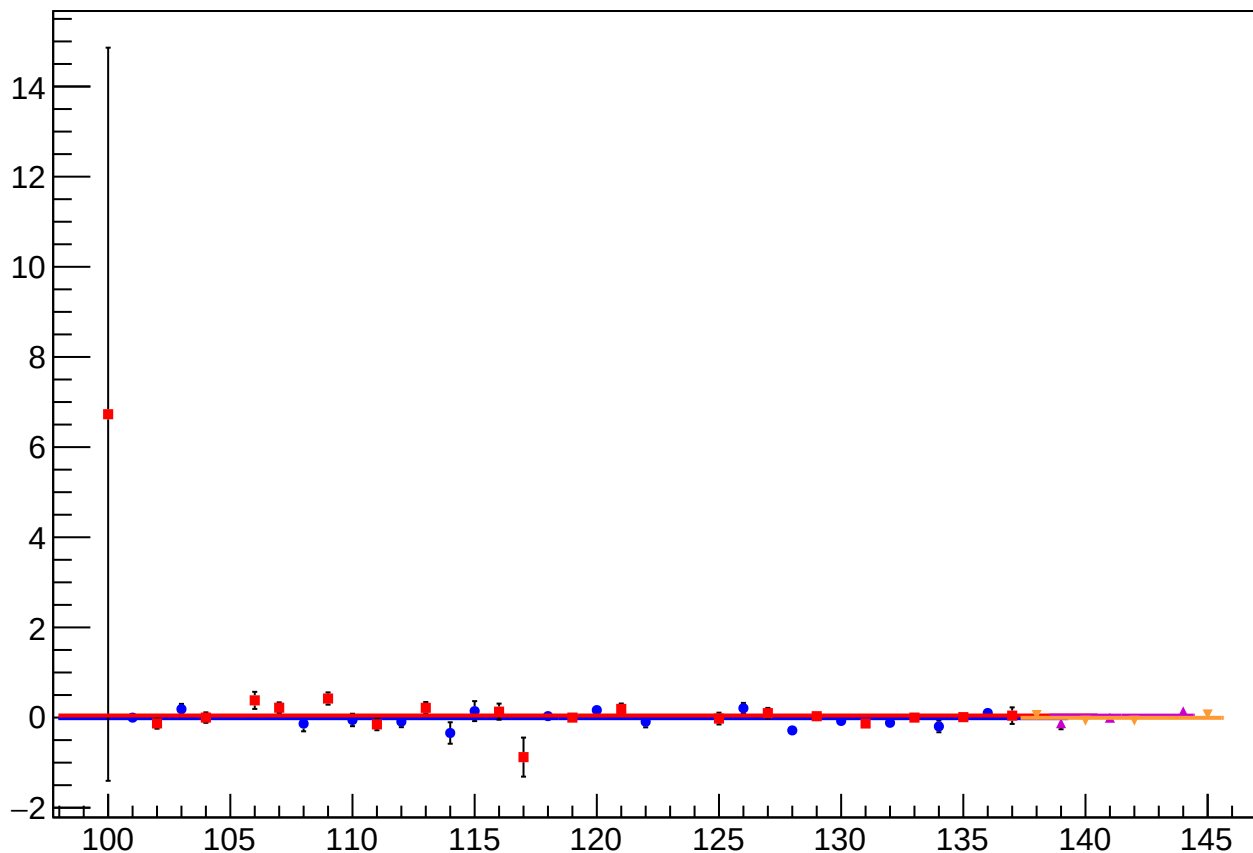
Left In: -0.003 ± 0.053 $\chi^2/\text{NDF}: 0.1/2$

0.131 ± 0.032 $\chi^2/\text{NDF}: 30.3/19$

0.014 ± 0.023 $\chi^2/\text{NDF}: 90.1/41$

-0.119 ± 0.034 $\chi^2/\text{NDF}: 31.5/21$

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014+/-0.027 χ^2/NDF : 25.2/15

Left Out: -0.006+/-0.045 χ^2/NDF : 2.1/3

Right Out: 0.046+/-0.029 χ^2/NDF : 30.3/18

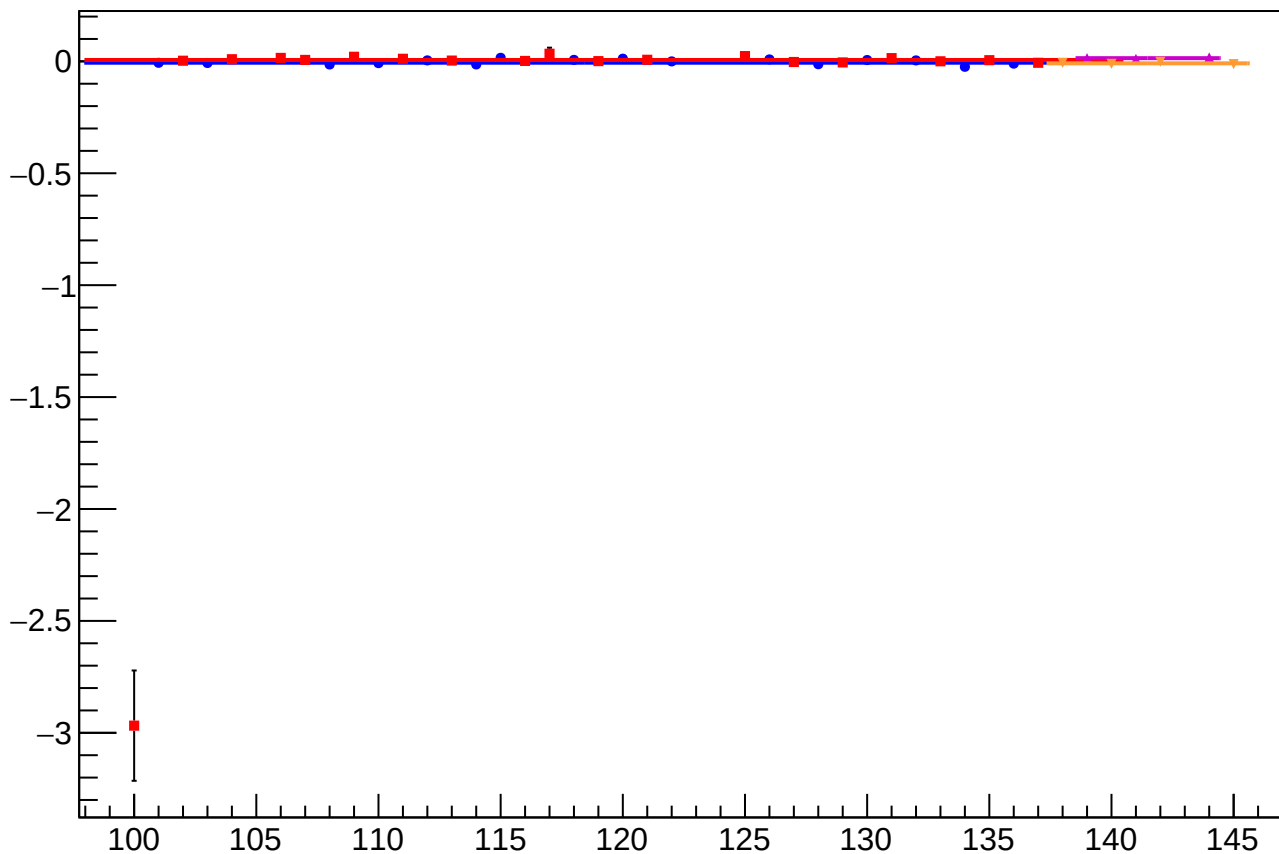
Left In: 0.043+/-0.050 χ^2/NDF : 3.5/2

-0.011+/-0.023 χ^2/NDF : 27.3/19

0.015+/-0.017 χ^2/NDF : 63.8/41

0.045+/-0.025 χ^2/NDF : 33.8/21

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2 /NDF: 29.0/15

Left Out: -0.009+/-0.002 χ^2 /NDF: 3.3/3

Right Out: 0.006+/-0.001 χ^2 /NDF: 166.9/18

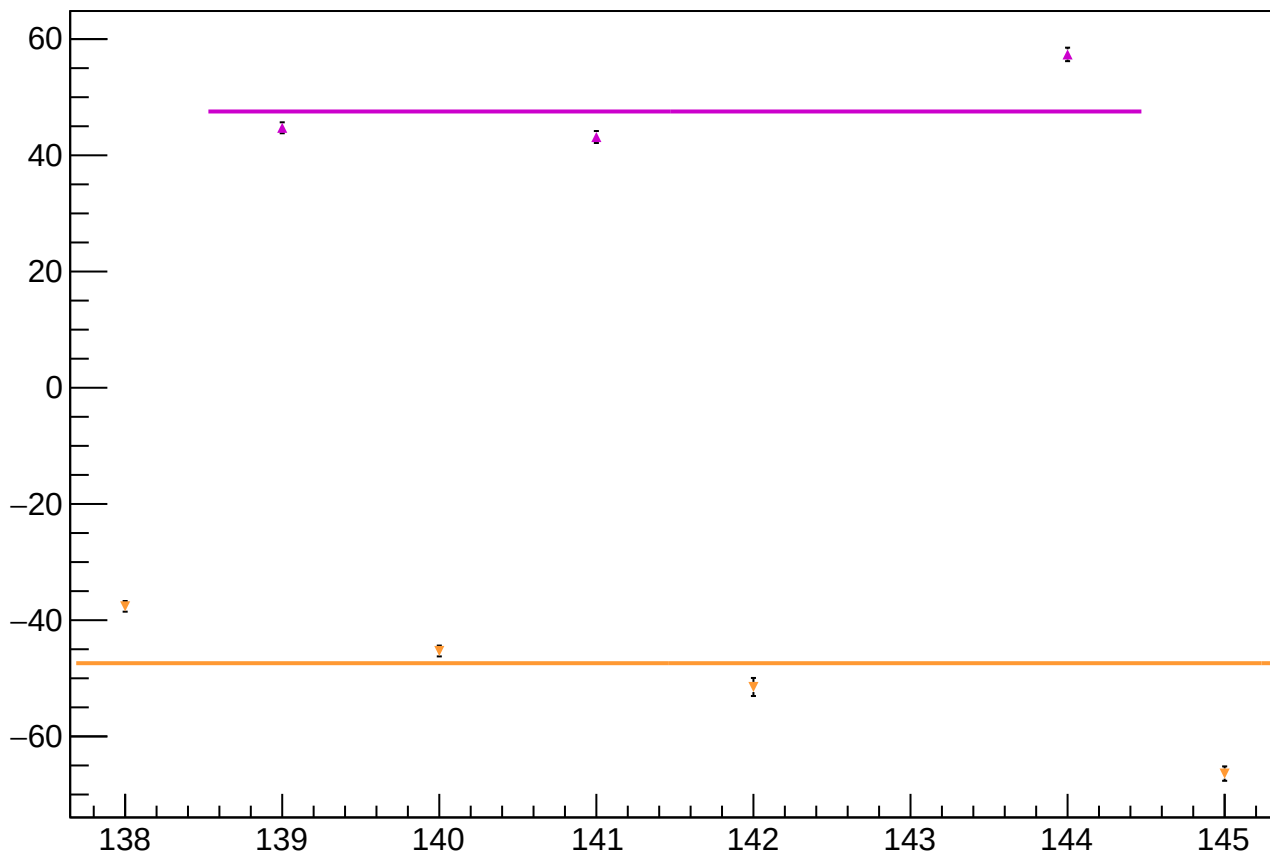
Left In: 0.014+/-0.002 χ^2 /NDF: 1.4/2

-0.007+/-0.001 χ^2 /NDF: 33.7/19

0.001+/-0.001 χ^2 /NDF: 303.1/41

0.009+/-0.001 χ^2 /NDF: 178.6/21

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: -47.400+/-0.542 χ^2/NDF : 360.9/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

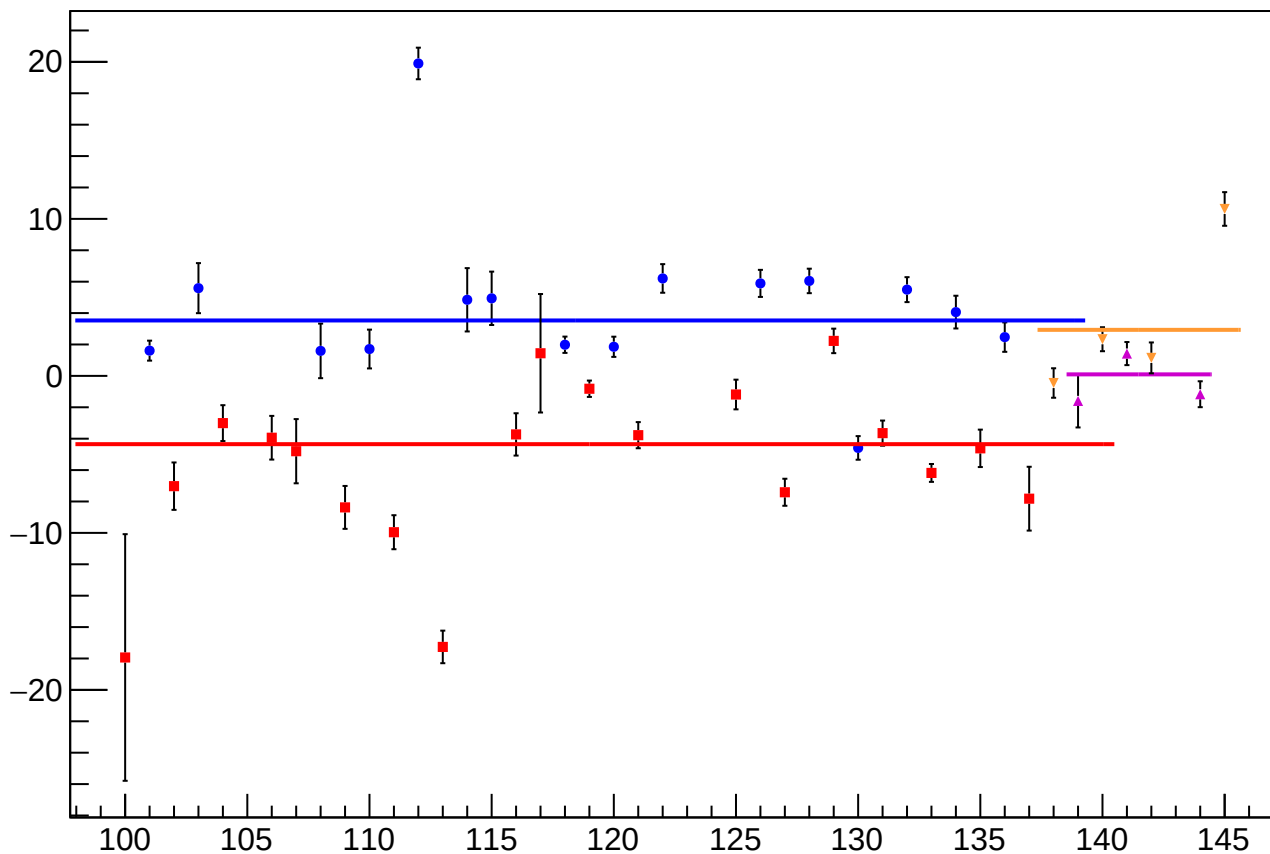
Left In: 47.542+/-0.596 χ^2/NDF : 98.7/2

-47.400+/-0.542 χ^2/NDF : 360.9/3

-4.466+/-0.401 χ^2/NDF : 14338.0/6

47.542+/-0.596 χ^2/NDF : 98.7/2

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530 ± 0.217 χ^2/NDF : 446.6/15

Left Out: 2.932 ± 0.459 χ^2/NDF : 68.5/3

Right Out: -4.349 ± 0.225 χ^2/NDF : 356.2/18

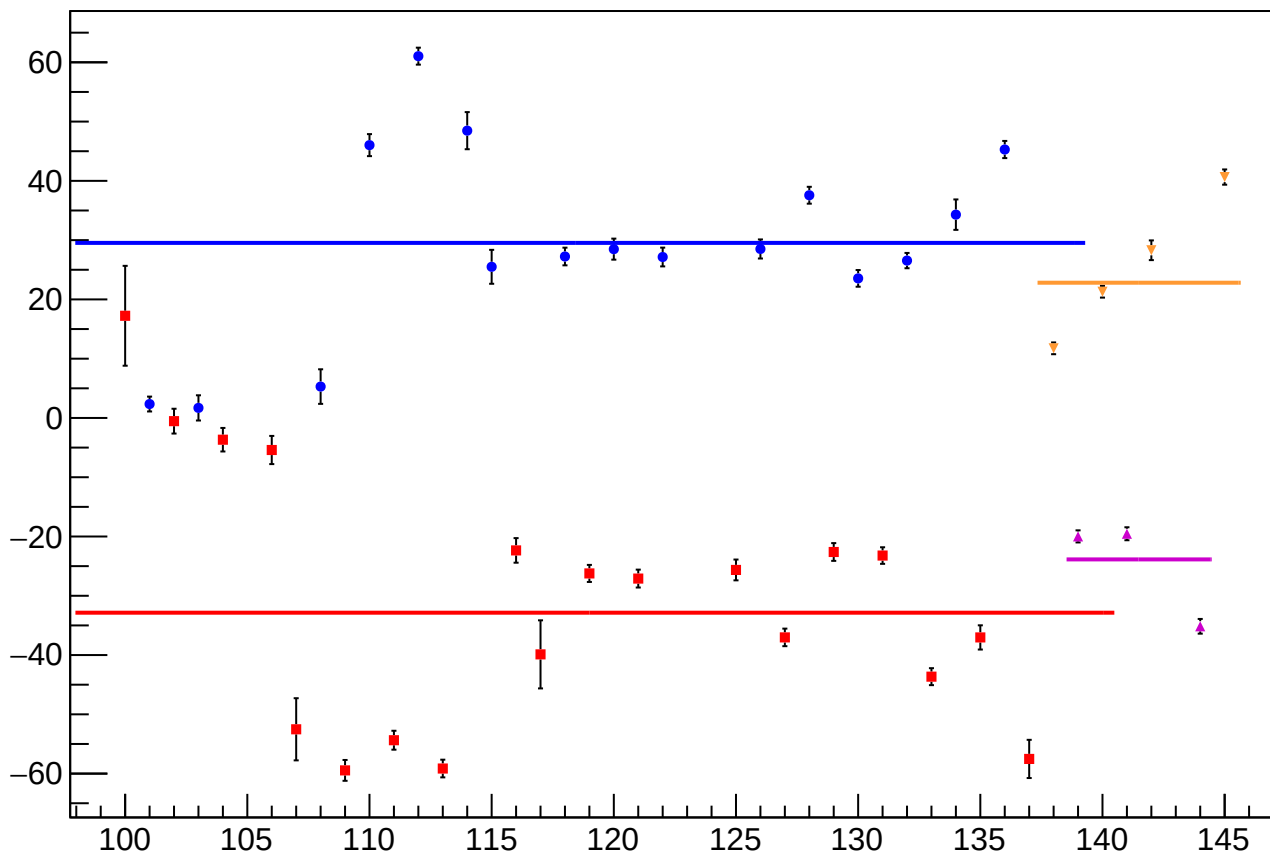
Left In: 0.096 ± 0.522 χ^2/NDF : 6.6/2

3.420 ± 0.196 χ^2/NDF : 516.5/19

0.063 ± 0.142 χ^2/NDF : 1555.9/41

-3.653 ± 0.207 χ^2/NDF : 423.9/21

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.535+/-0.417 χ^2/NDF : 1494.9/15

Left Out: 22.816+/-0.578 χ^2/NDF : 329.3/3

Right Out: -32.854+/-0.422 χ^2/NDF : 1660.8/18

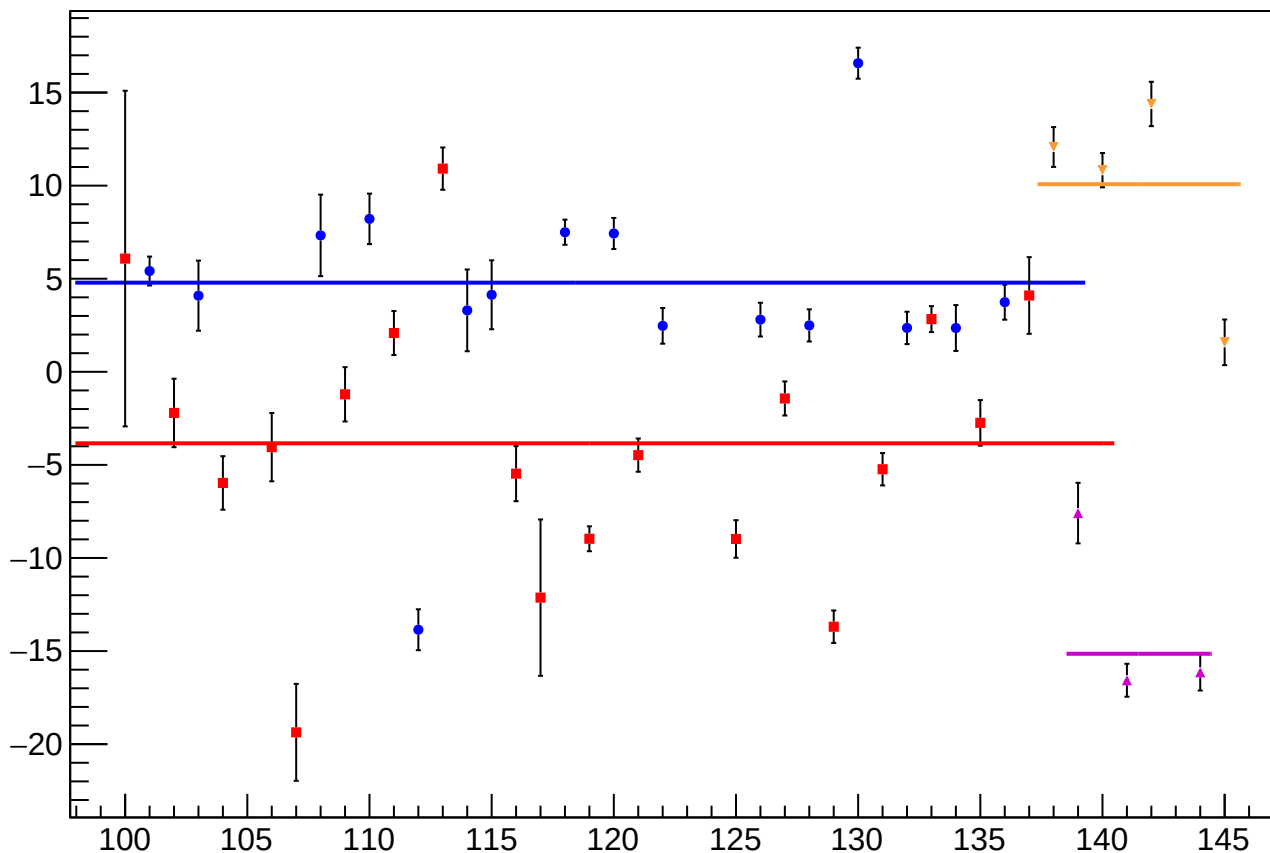
Left In: -23.864+/-0.640 χ^2/NDF : 112.8/2

27.237+/-0.338 χ^2/NDF : 1913.0/19

-0.280+/-0.244 χ^2/NDF : 17636.7/41

-30.132+/-0.352 χ^2/NDF : 1911.2/21

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 $\pm$ 0.251 χ^2/NDF : 553.9/15

Left Out: 10.080 $\pm$ 0.540 χ^2/NDF : 65.3/3

Right Out: -3.840 $\pm$ 0.258 χ^2/NDF : 571.5/18

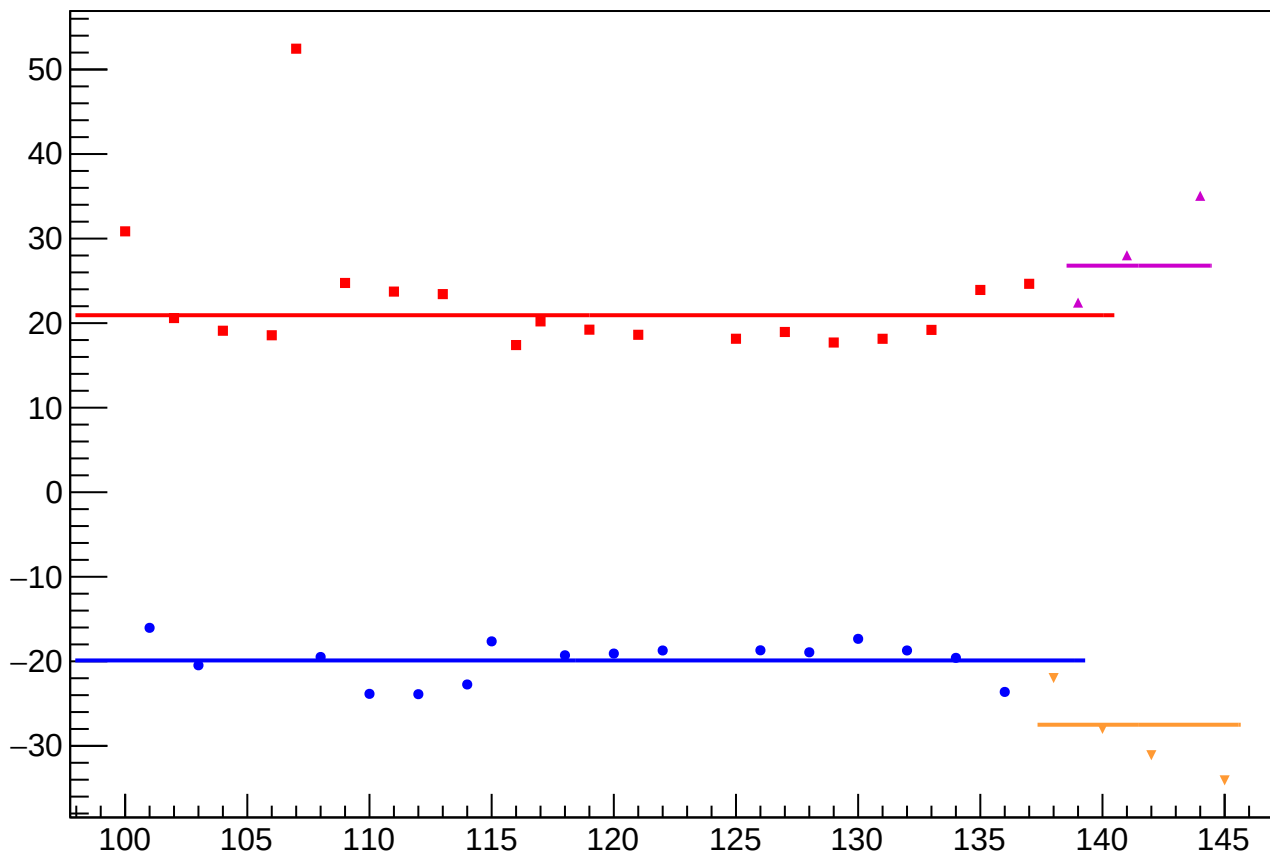
Left In: -15.145 $\pm$ 0.609 χ^2/NDF : 25.2/2

5.729 $\pm$ 0.228 χ^2/NDF : 698.1/19

0.325 $\pm$ 0.165 χ^2/NDF : 2763.1/41

-5.566 $\pm$ 0.238 χ^2/NDF : 888.9/21

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895 $\pm$ 0.016 χ^2 /NDF: 26073.6/15

Left Out: -27.498 $\pm$ 0.024 χ^2 /NDF: 39661.6/3

Right Out: 20.936 $\pm$ 0.016 χ^2 /NDF: 94073.0/18

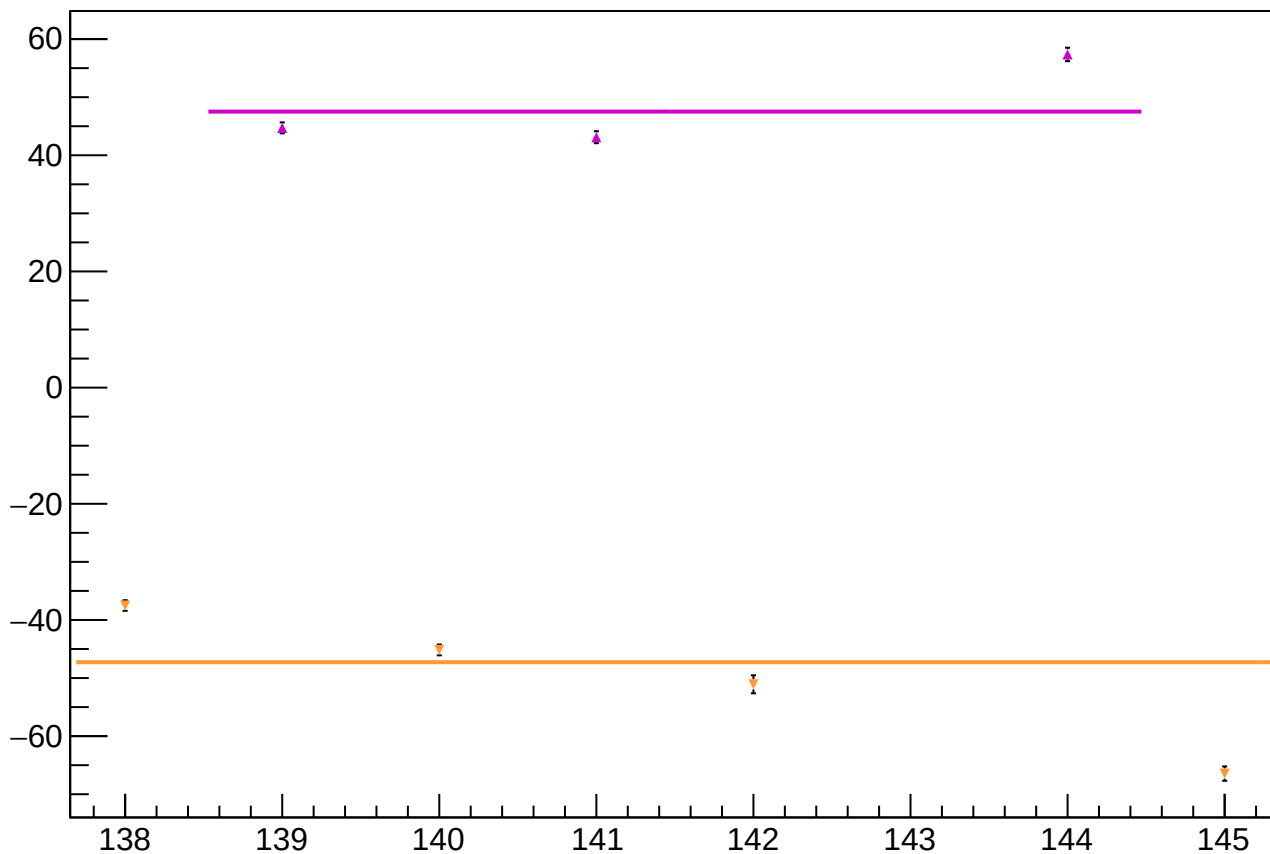
Left In: 26.797 $\pm$ 0.025 χ^2 /NDF: 38710.5/2

-22.201 $\pm$ 0.013 χ^2 /NDF: 138060.2/19

-0.232 $\pm$ 0.009 χ^2 /NDF: 6140449.8/41

22.612 $\pm$ 0.013 χ^2 /NDF: 172726.9/21

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: -47.275+/-0.542 χ^2/NDF : 364.3/3

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

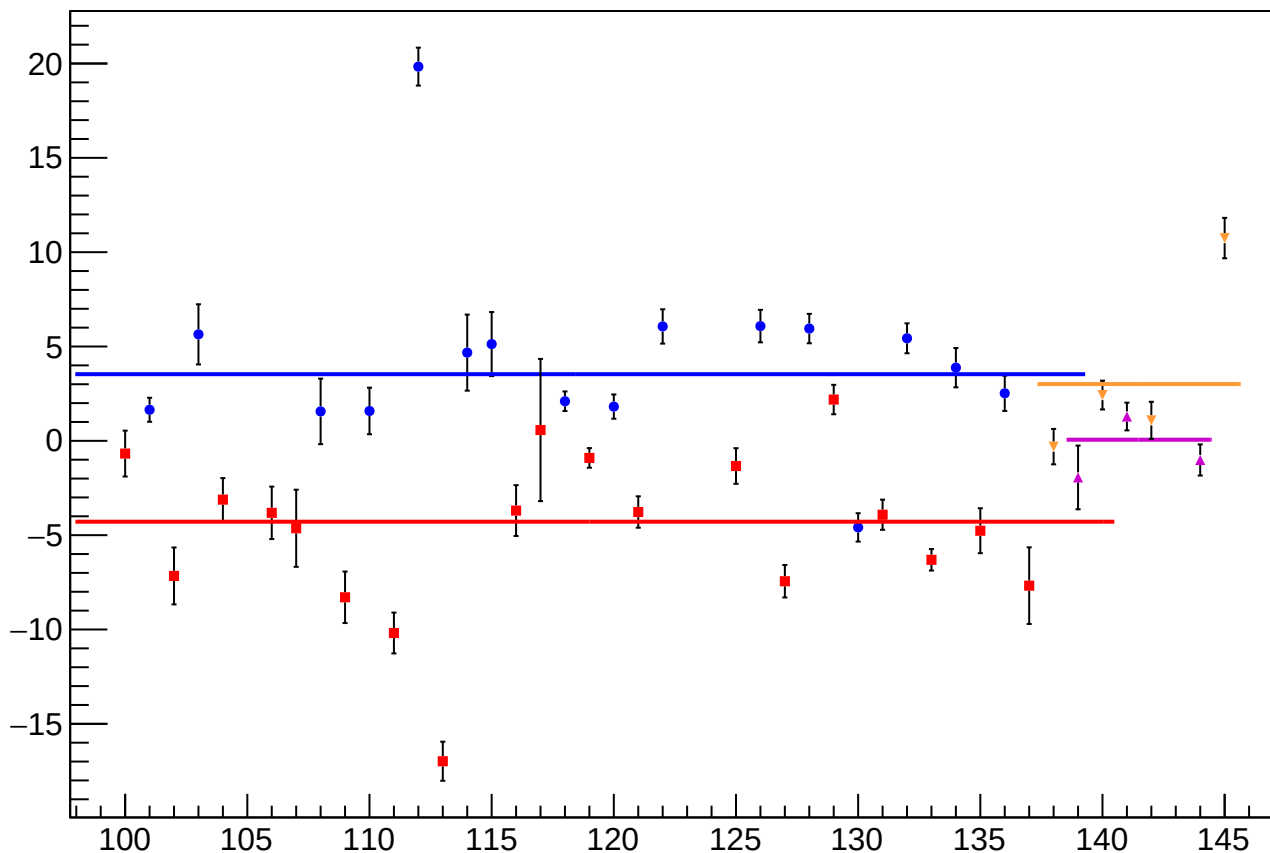
Left In: 47.519+/-0.596 χ^2/NDF : 99.2/2

-47.275+/-0.542 χ^2/NDF : 364.3/3

-4.403+/-0.401 χ^2/NDF : 14315.8/6

47.519+/-0.596 χ^2/NDF : 99.2/2

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 3.009 ± 0.459 $\chi^2/\text{NDF}: 69.1/3$

Right Out: -4.286 ± 0.221 $\chi^2/\text{NDF}: 354.5/18$

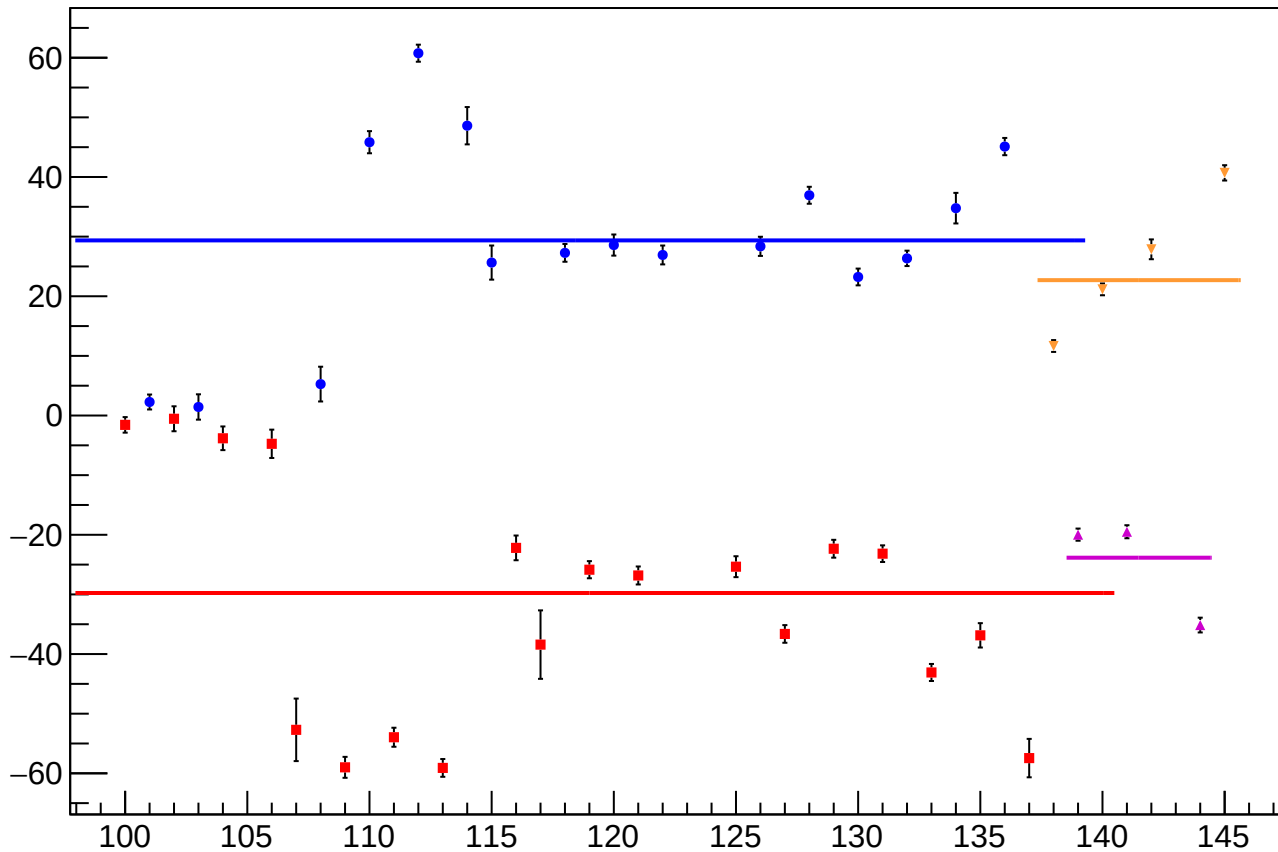
Left In: 0.059 ± 0.522 $\chi^2/\text{NDF}: 5.9/2$

3.437 ± 0.196 $\chi^2/\text{NDF}: 513.4/19$

0.036 ± 0.141 $\chi^2/\text{NDF}: 1555.8/41$

-3.625 ± 0.204 $\chi^2/\text{NDF}: 419.1/21$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.367+/-0.416 χ^2 /NDF: 1488.7/15

Left Out: 22.700+/-0.578 χ^2 /NDF: 331.6/3

Right Out: -29.761+/-0.401 χ^2 /NDF: 2131.8/18

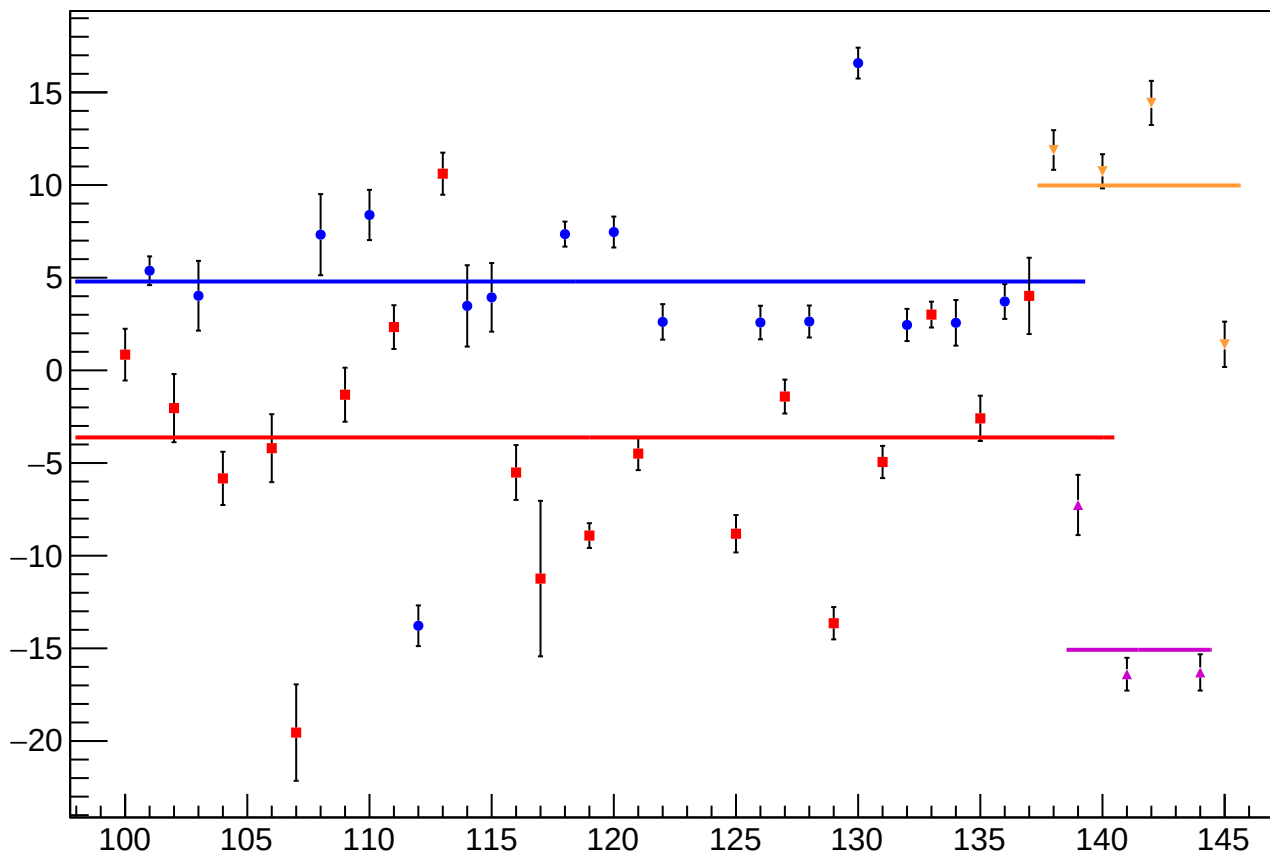
Left In: -23.843+/-0.640 χ^2 /NDF: 113.1/2

27.087+/-0.338 χ^2 /NDF: 1908.0/19

-0.324+/-0.240 χ^2 /NDF: 17464.5/41

-28.088+/-0.340 χ^2 /NDF: 2306.4/21

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 $\pm$ 0.251 χ^2/NDF : 550.0/15

Left Out: 9.975 $\pm$ 0.540 χ^2/NDF : 67.0/3

Right Out: -3.619 $\pm$ 0.254 χ^2/NDF : 576.6/18

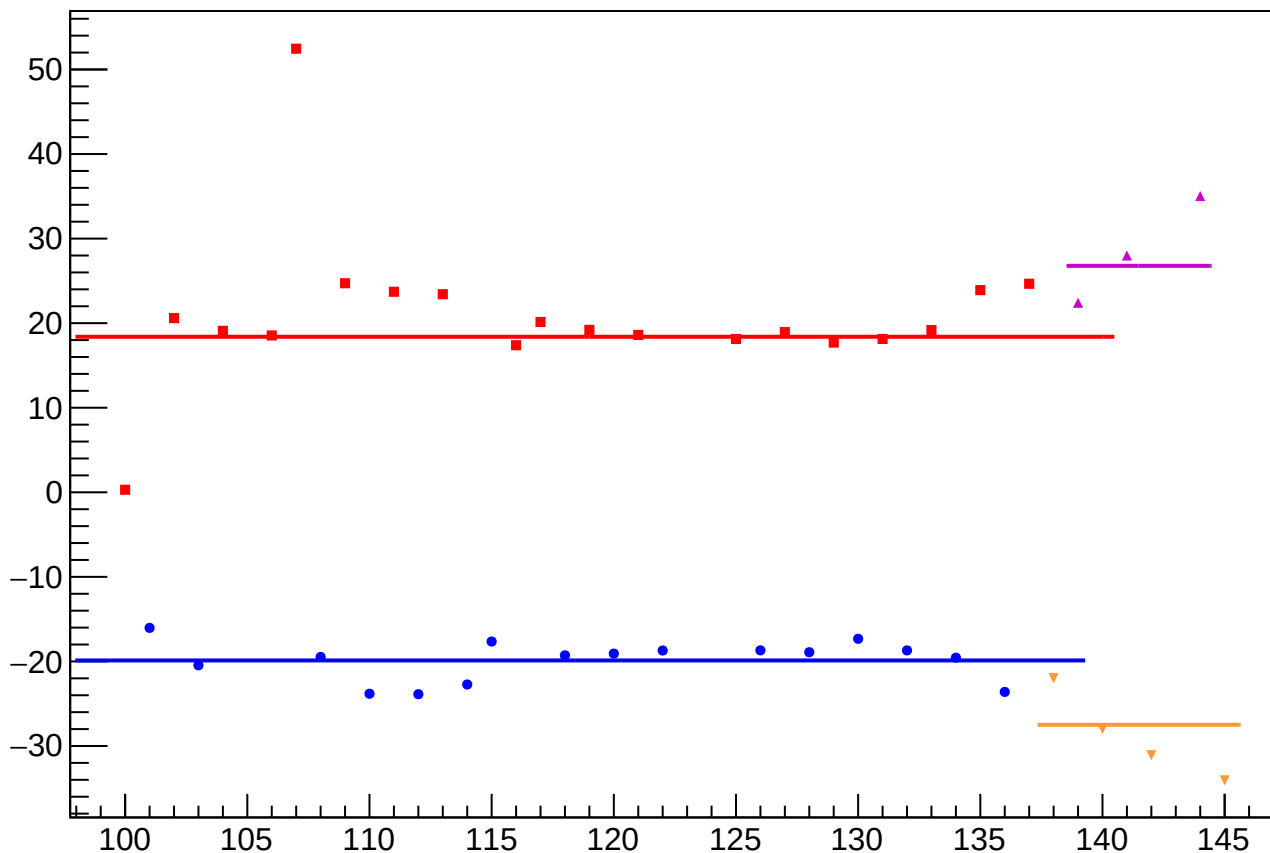
Left In: -15.078 $\pm$ 0.608 χ^2/NDF : 26.9/2

5.714 $\pm$ 0.228 χ^2/NDF : 692.6/19

0.357 $\pm$ 0.163 χ^2/NDF : 2738.7/41

-5.320 $\pm$ 0.234 χ^2/NDF : 905.7/21

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883 $\pm$ 0.016 χ^2 /NDF: 26063.5/15

Left Out: -27.491 $\pm$ 0.024 χ^2 /NDF: 39621.4/3

Right Out: 18.395 $\pm$ 0.015 χ^2 /NDF: 301292.0/18

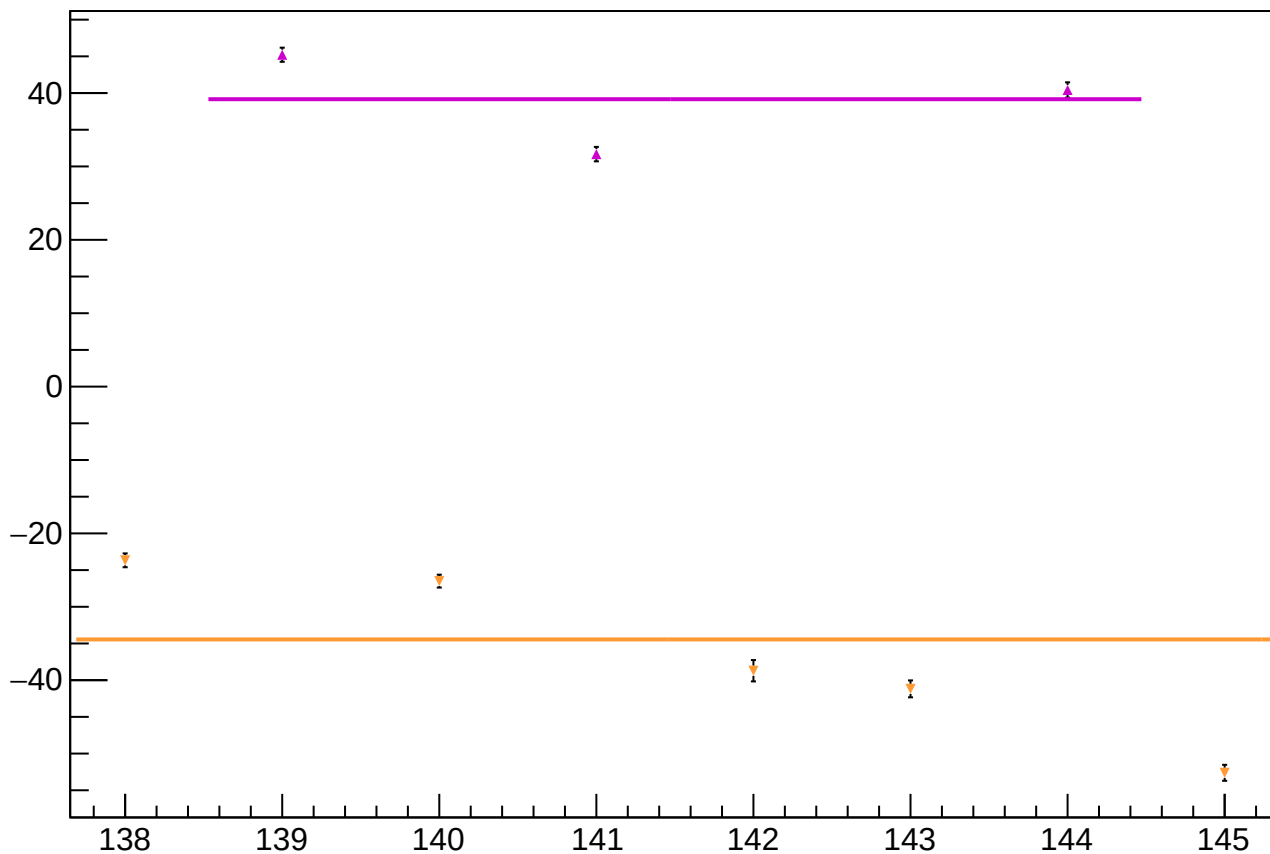
Left In: 26.780 $\pm$ 0.025 χ^2 /NDF: 38717.6/2

-22.190 $\pm$ 0.013 χ^2 /NDF: 138182.5/19

-0.242 $\pm$ 0.009 χ^2 /NDF: 6128787.8/41

20.583 $\pm$ 0.013 χ^2 /NDF: 424720.2/21

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: -34.448+/-0.472 χ^2/NDF : 533.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

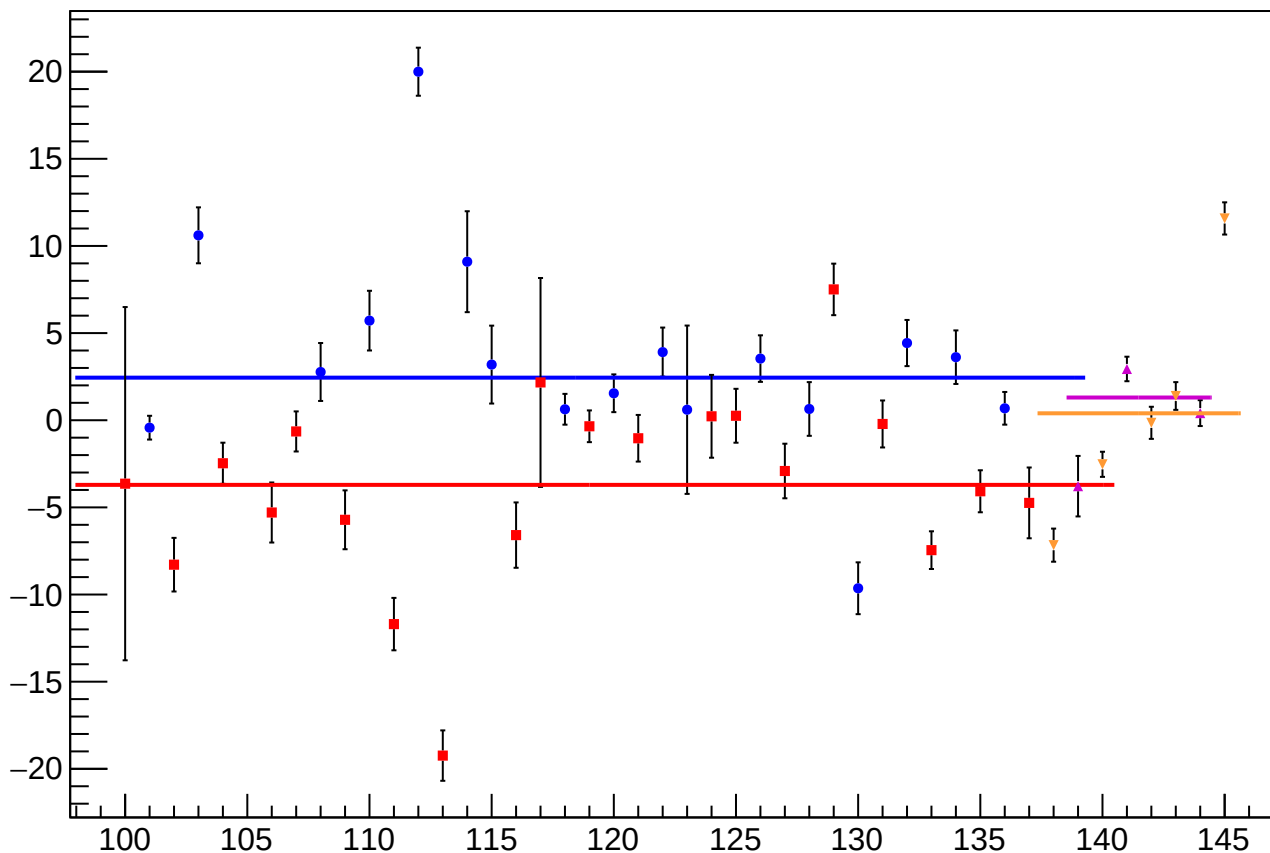
Left In: 39.161+/-0.574 χ^2/NDF : 98.8/2

-34.448+/-0.472 χ^2/NDF : 533.1/4

-4.754+/-0.365 χ^2/NDF : 10431.4/7

39.161+/-0.574 χ^2/NDF : 98.8/2

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: 0.398 ± 0.379 χ^2/NDF : 228.1/4

Right Out: -3.708 ± 0.326 χ^2/NDF : 270.1/19

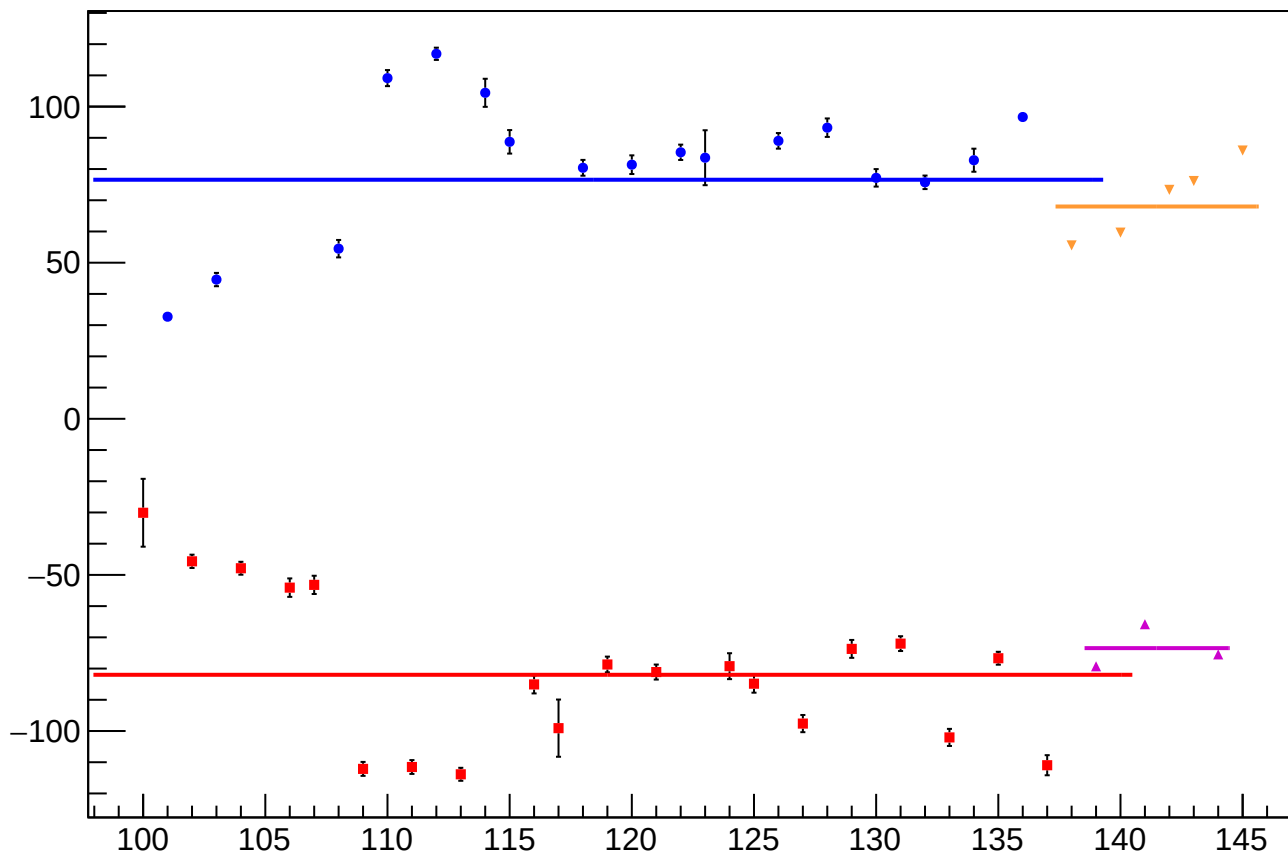
Left In: 1.304 ± 0.490 χ^2/NDF : 15.5/2

1.620 ± 0.240 χ^2/NDF : 540.8/21

-0.044 ± 0.180 χ^2/NDF : 1007.8/44

-2.167 ± 0.272 χ^2/NDF : 358.1/22

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 67.998 $\pm$ 0.504 χ^2 /NDF: 532.3/4

Right Out: -81.994 $\pm$ 0.591 χ^2 /NDF: 1574.1/19

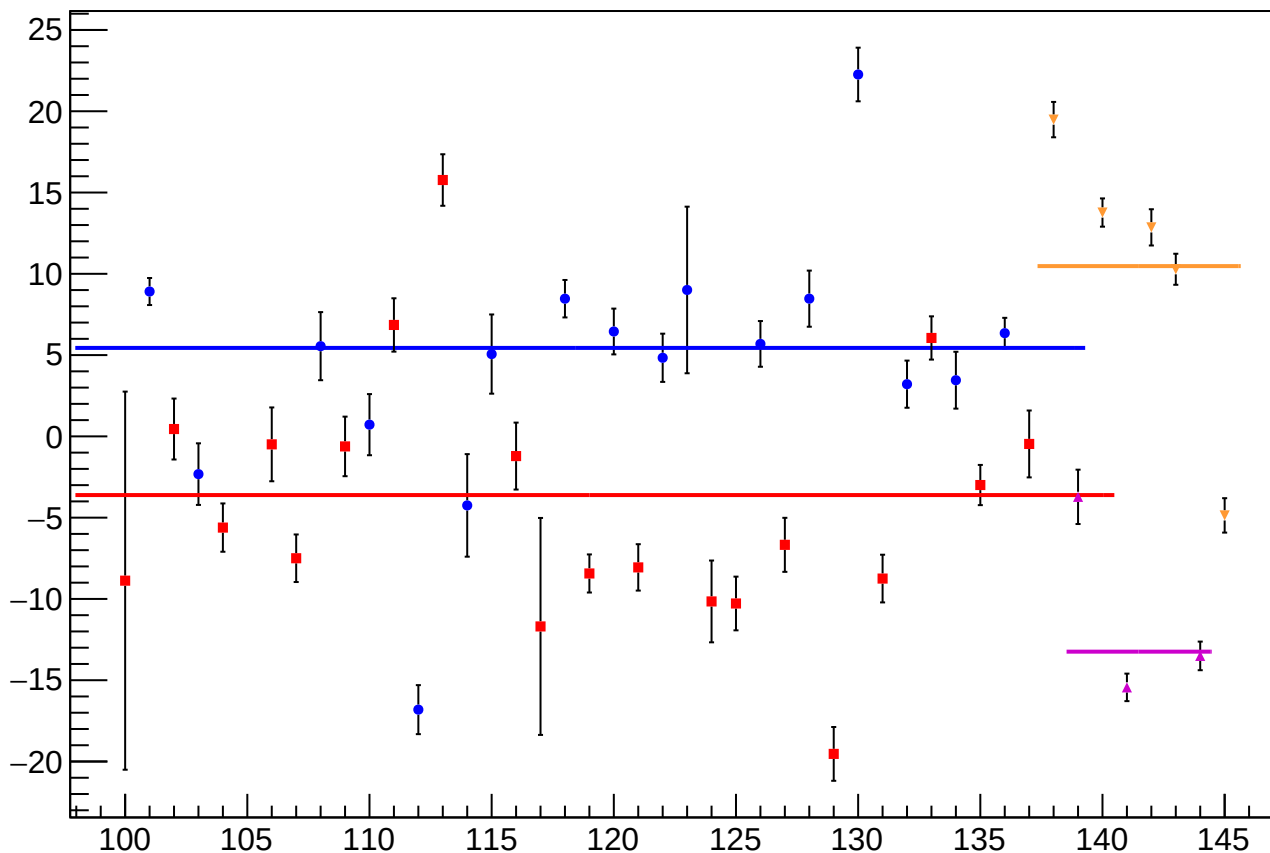
Left In: -73.454 $\pm$ 0.616 χ^2 /NDF: 88.0/2

71.733 $\pm$ 0.378 χ^2 /NDF: 2912.1/21

5.780 $\pm$ 0.283 χ^2 /NDF: 73597.3/44

-77.901 $\pm$ 0.426 χ^2 /NDF: 1762.3/22

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442 ± 0.357 $\chi^2/\text{NDF}: 387.5/16$

Left Out: 10.474 ± 0.449 $\chi^2/\text{NDF}: 297.4/4$

Right Out: -3.611 ± 0.375 $\chi^2/\text{NDF}: 424.7/19$

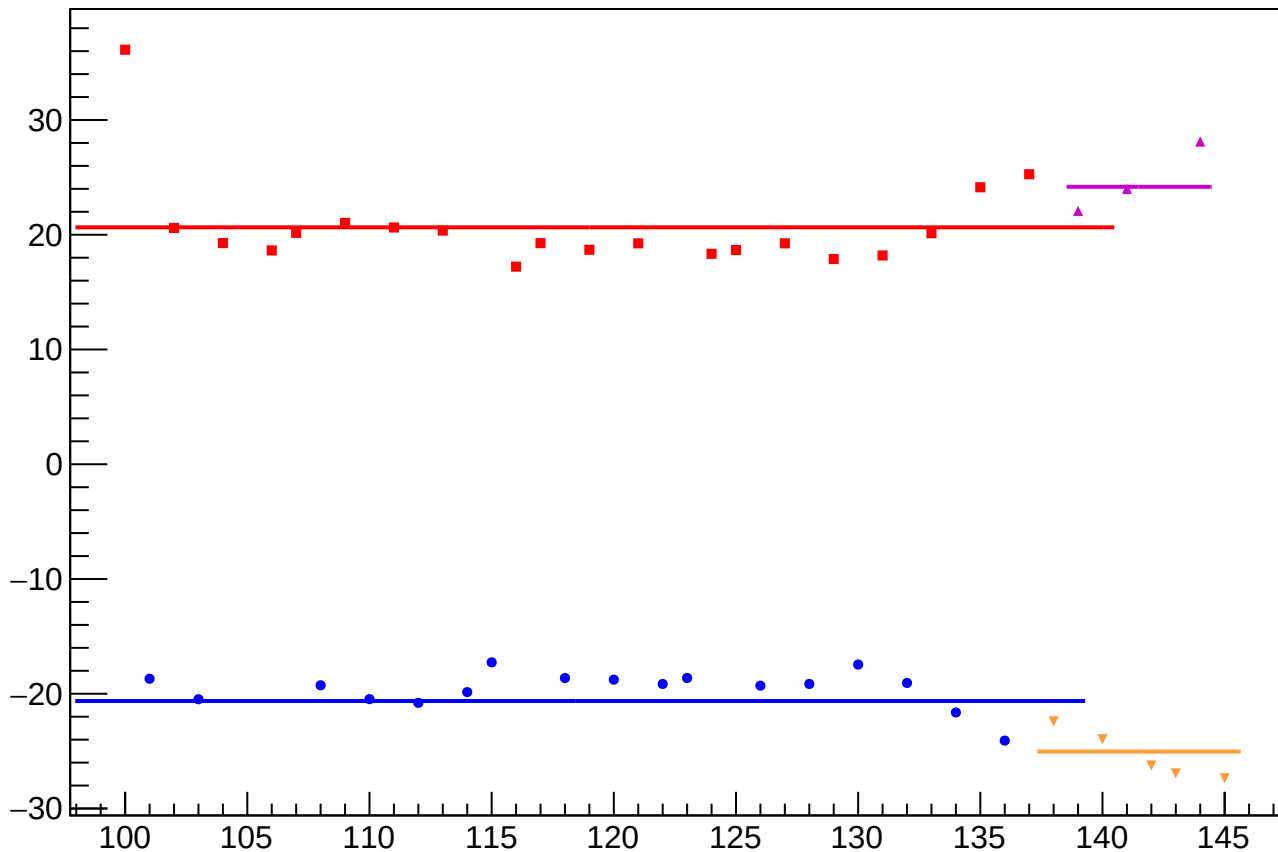
Left In: -13.243 ± 0.573 $\chi^2/\text{NDF}: 39.3/2$

7.394 ± 0.280 $\chi^2/\text{NDF}: 761.8/21$

1.243 ± 0.209 $\chi^2/\text{NDF}: 2517.0/44$

-6.496 ± 0.314 $\chi^2/\text{NDF}: 662.0/22$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630 $\pm$ 0.019 χ^2 /NDF: 12490.5/16

Left Out: -25.036 $\pm$ 0.021 χ^2 /NDF: 9459.5/4

Right Out: 20.647 $\pm$ 0.019 χ^2 /NDF: 13896.5/19

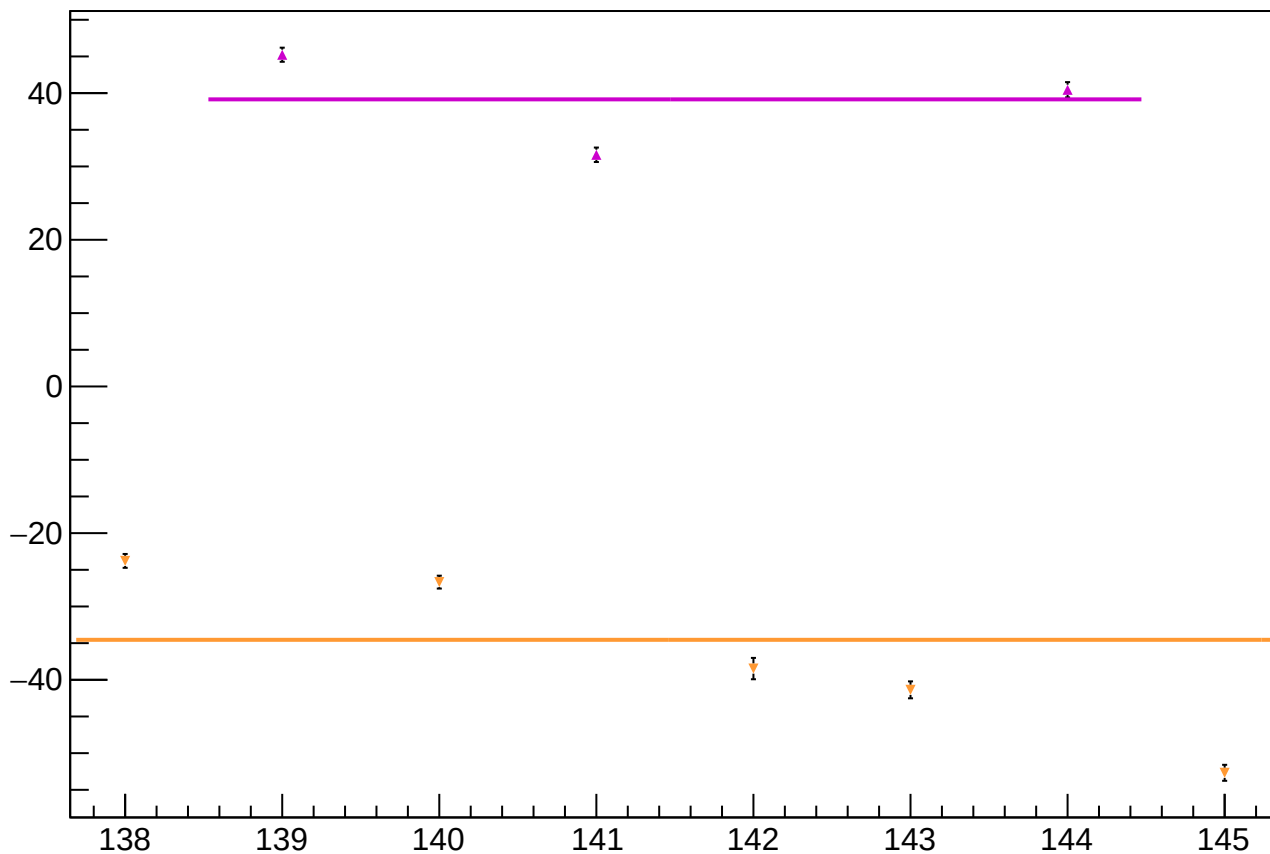
Left In: 24.179 $\pm$ 0.024 χ^2 /NDF: 9801.3/2

-22.693 $\pm$ 0.014 χ^2 /NDF: 46402.4/21

-1.958 $\pm$ 0.010 χ^2 /NDF: 4776470.7/44

22.035 $\pm$ 0.015 χ^2 /NDF: 36714.3/22

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: -34.546+/-0.473 χ^2/NDF : 528.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

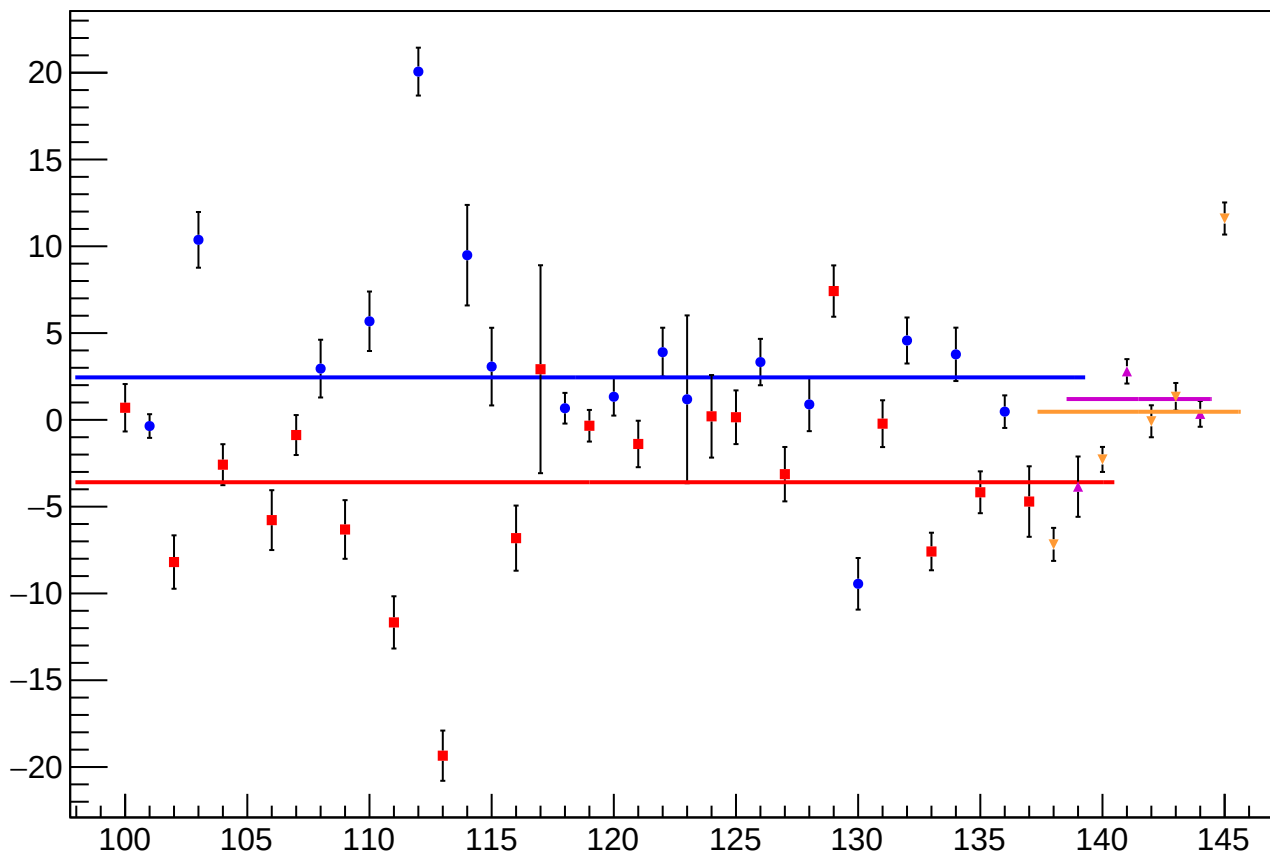
Left In: 39.147+/-0.575 χ^2/NDF : 100.3/2

-34.546+/-0.473 χ^2/NDF : 528.8/4

-4.818+/-0.365 χ^2/NDF : 10437.8/7

39.147+/-0.575 χ^2/NDF : 100.3/2

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 0.467 ± 0.379 χ^2/NDF : 225.5/4

Right Out: -3.593 ± 0.318 χ^2/NDF : 280.6/19

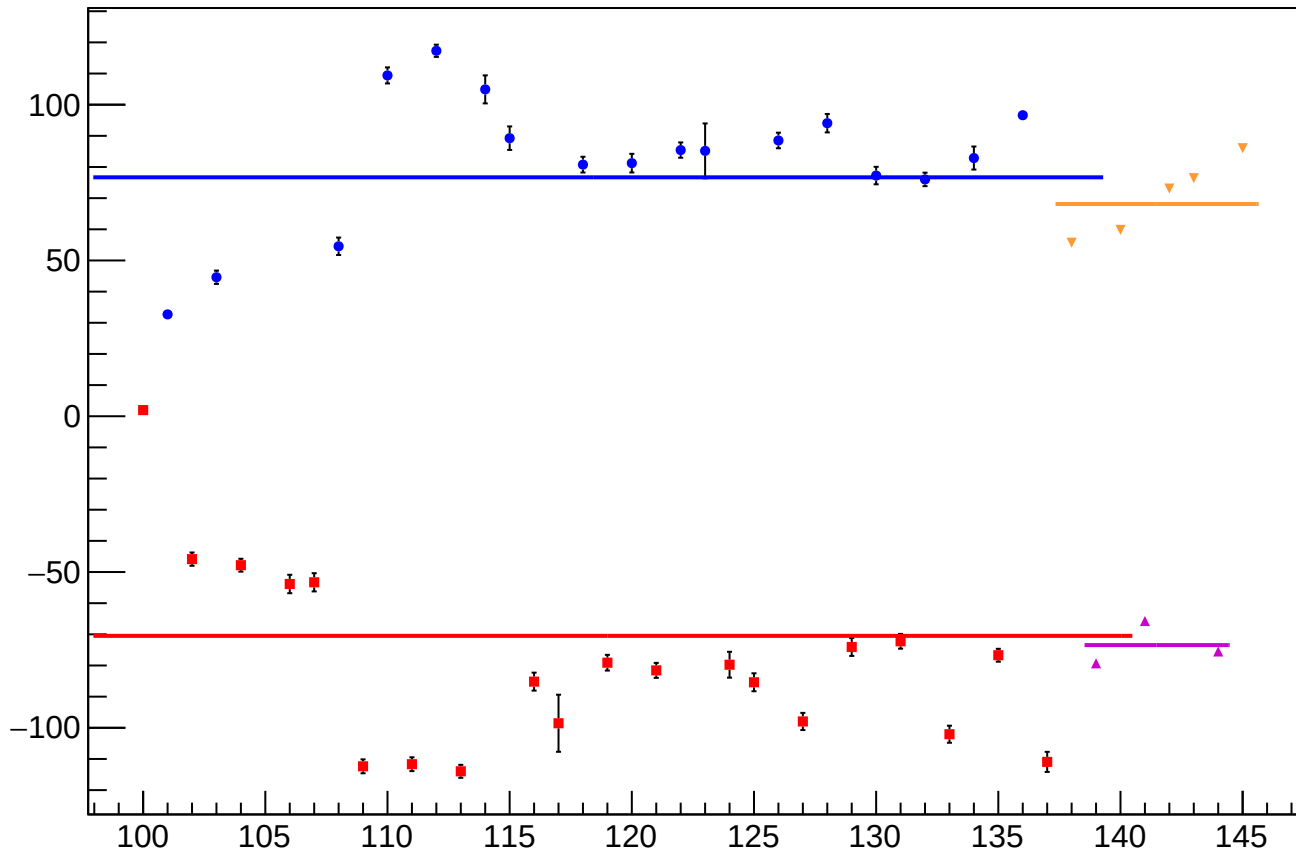
Left In: 1.200 ± 0.490 χ^2/NDF : 14.9/2

1.651 ± 0.241 χ^2/NDF : 535.2/21

-0.066 ± 0.179 χ^2/NDF : 1011.5/44

-2.174 ± 0.267 χ^2/NDF : 362.8/22

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687 ± 0.574 $\chi^2/\text{NDF}: 2265.1/16$

Left Out: 68.119 ± 0.504 $\chi^2/\text{NDF}: 529.2/4$

Right Out: -70.487 ± 0.549 $\chi^2/\text{NDF}: 4400.5/19$

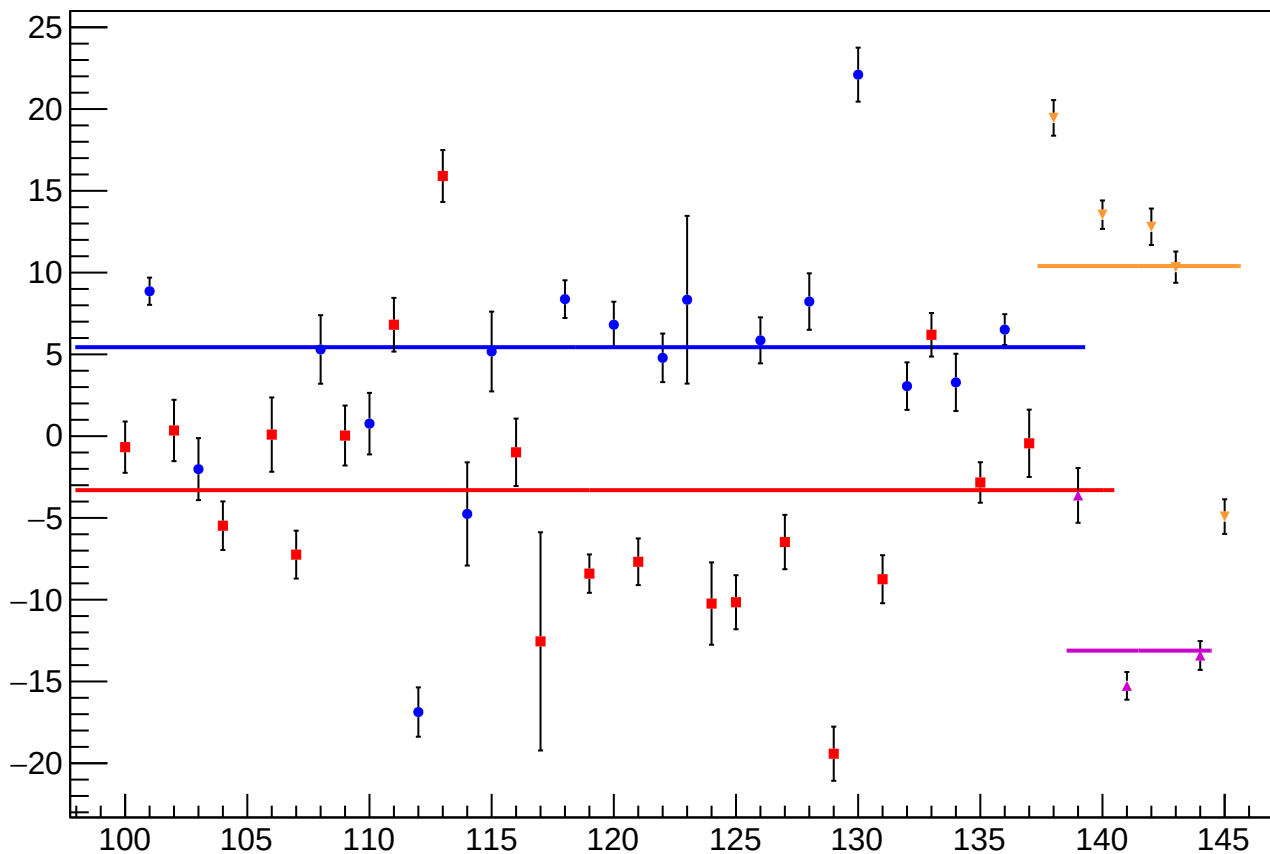
Left In: -73.452 ± 0.616 $\chi^2/\text{NDF}: 89.2/2$

71.852 ± 0.379 $\chi^2/\text{NDF}: 2920.1/21$

5.693 ± 0.278 $\chi^2/\text{NDF}: 73715.9/44$

-71.798 ± 0.410 $\chi^2/\text{NDF}: 4502.6/22$

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439+/-0.357 χ^2/NDF : 385.9/16

Left Out: 10.400+/-0.449 χ^2/NDF : 296.1/4

Right Out: -3.303+/-0.365 χ^2/NDF : 427.7/19

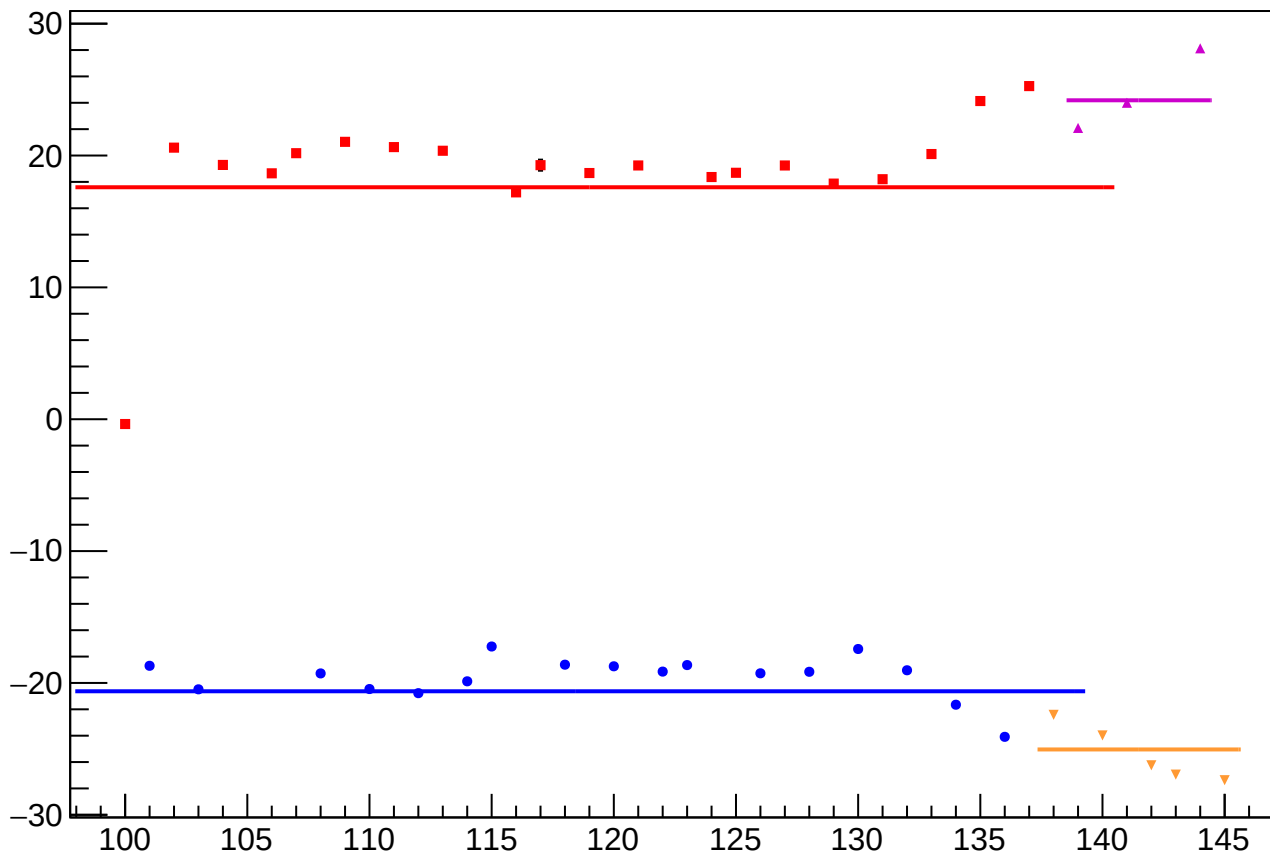
Left In: -13.114+/-0.573 χ^2/NDF : 38.8/2

7.363+/-0.280 χ^2/NDF : 756.8/21

1.260+/-0.207 χ^2/NDF : 2484.4/44

-6.130+/-0.308 χ^2/NDF : 674.9/22

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632±/0.019 χ^2/NDF : 12530.8/16

Left Out: -25.044±/0.021 χ^2/NDF : 9429.4/4

Right Out: 17.594±/0.018 χ^2/NDF : 178696.7/19

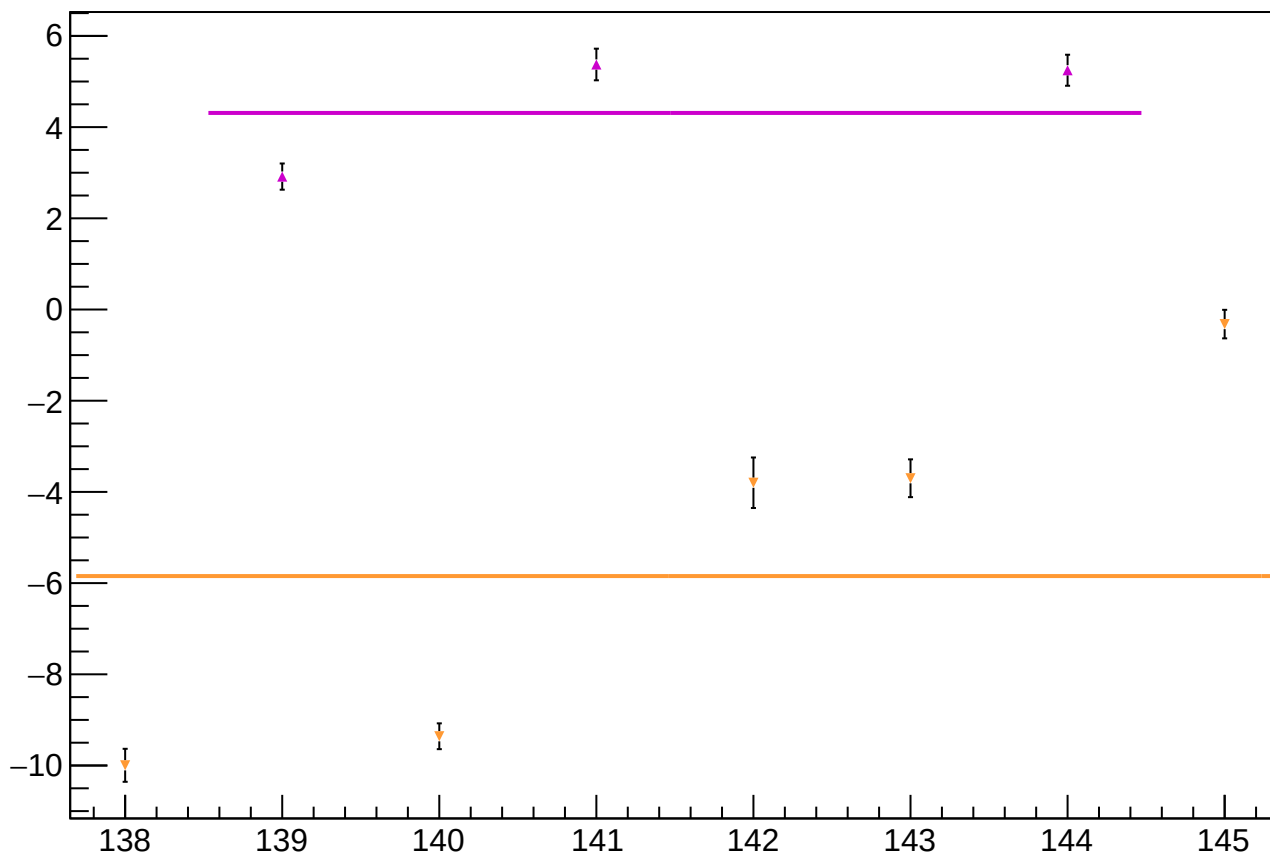
Left In: 24.189±/0.024 χ^2/NDF : 9793.5/2

-22.698±/0.014 χ^2/NDF : 46468.0/21

-1.916±/0.010 χ^2/NDF : 4762632.0/44

19.951±/0.014 χ^2/NDF : 236476.5/22

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: -5.846+/-0.159 χ^2/NDF : 638.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

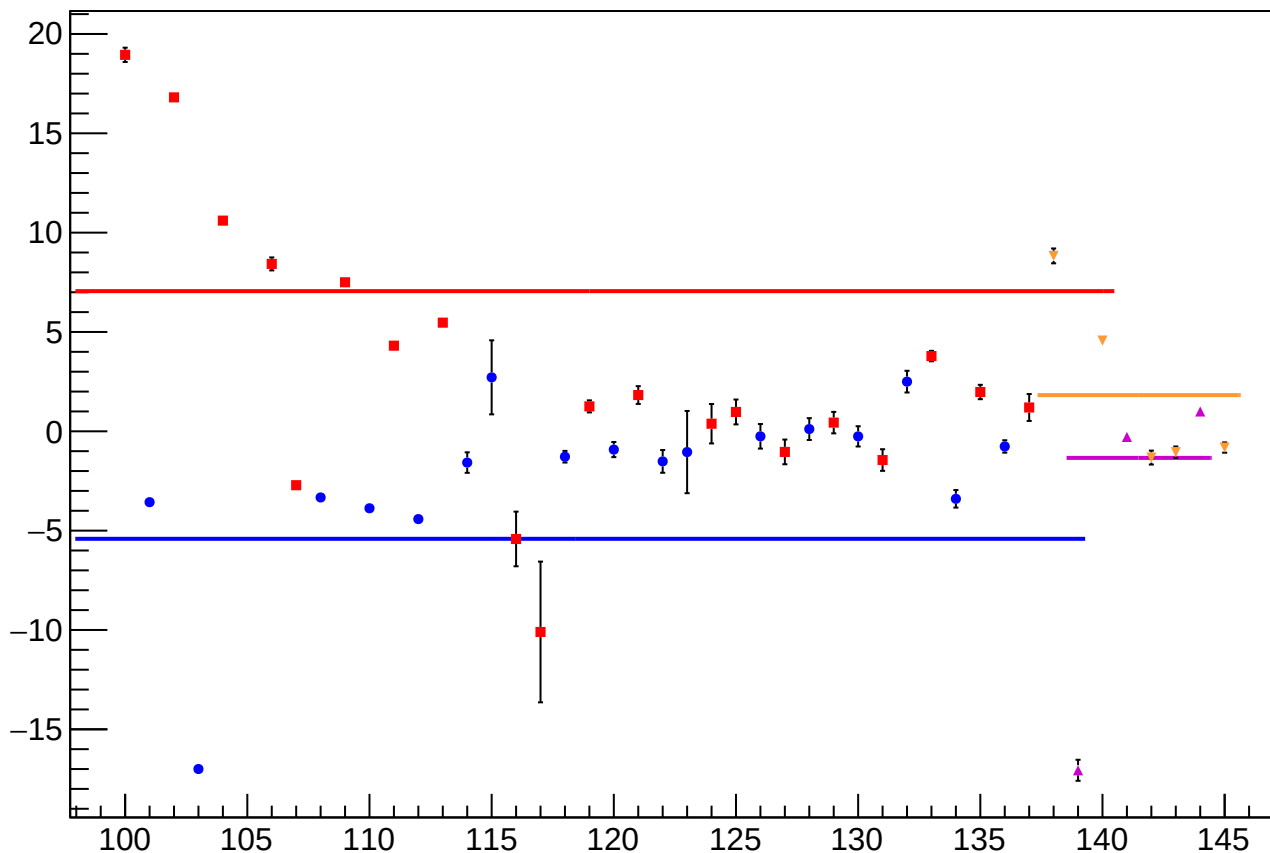
Left In: 4.311+/-0.185 χ^2/NDF : 40.6/2

-5.846+/-0.159 χ^2/NDF : 638.0/4

-1.535+/-0.121 χ^2/NDF : 2404.6/7

4.311+/-0.185 χ^2/NDF : 40.6/2

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.411 ± 0.055 χ^2/NDF : 9261.2/16

Left Out: 1.822 ± 0.129 χ^2/NDF : 770.8/4

Right Out: 7.056 ± 0.059 χ^2/NDF : 12352.9/19

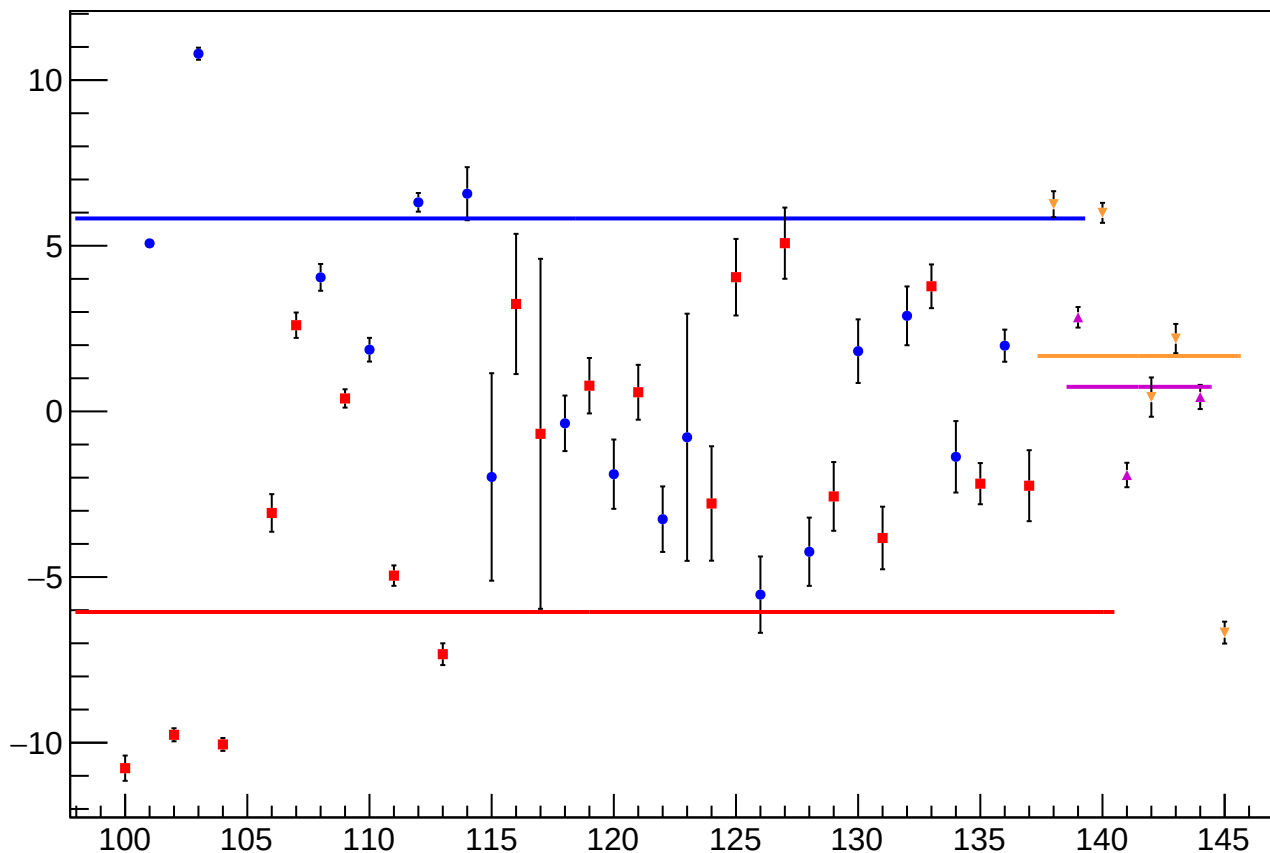
Left In: -1.338 ± 0.166 χ^2/NDF : 992.4/2

-4.303 ± 0.050 χ^2/NDF : 12706.4/21

0.390 ± 0.037 χ^2/NDF : 47590.7/44

6.108 ± 0.056 χ^2/NDF : 15626.5/22

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.824 $\pm$ 0.090 χ^2 /NDF: 1452.6/16

Left Out: 1.673 $\pm$ 0.170 χ^2 /NDF: 985.6/4

Right Out: -6.054 $\pm$ 0.093 χ^2 /NDF: 2669.9/19

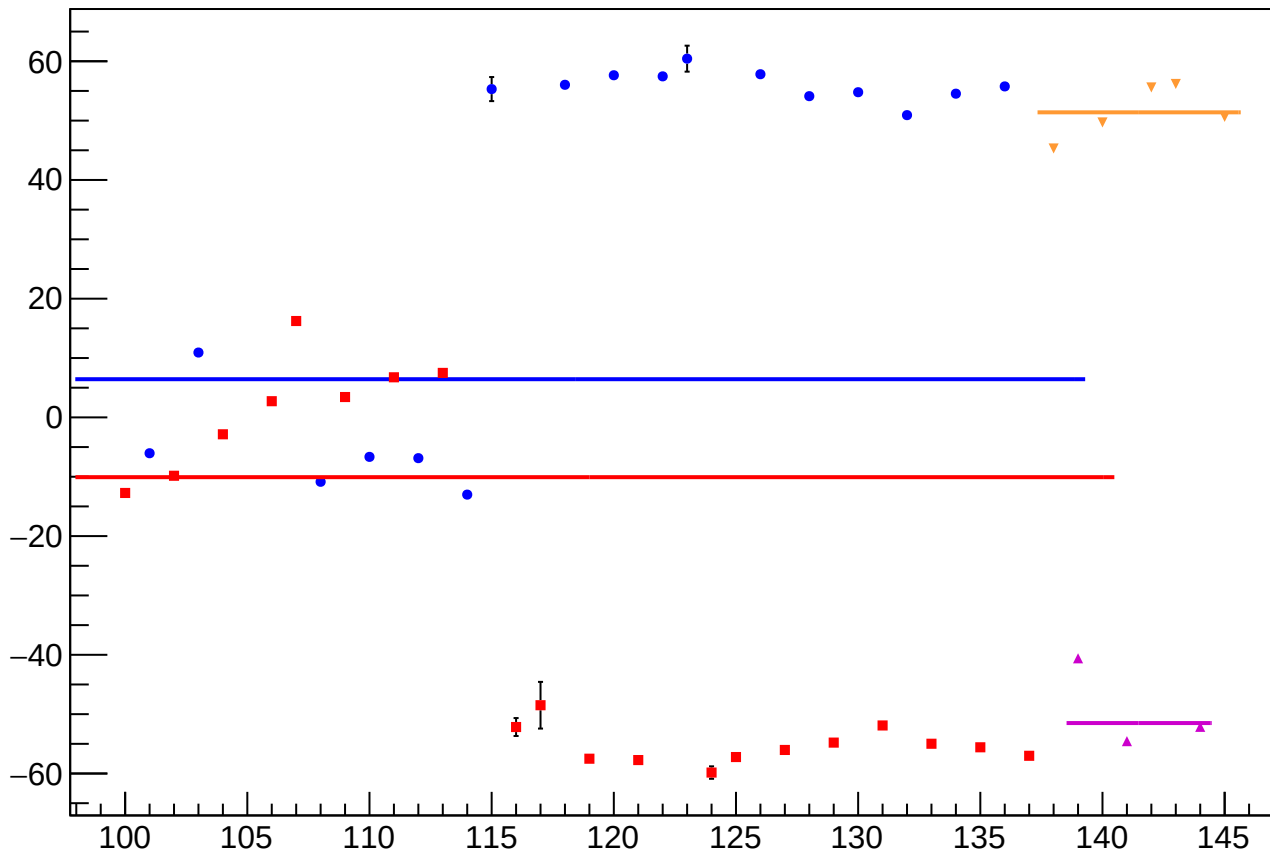
Left In: 0.742 $\pm$ 0.199 χ^2 /NDF: 98.6/2

4.922 $\pm$ 0.079 χ^2 /NDF: 2904.8/21

0.357 $\pm$ 0.058 χ^2 /NDF: 13716.6/44

-4.829 $\pm$ 0.084 χ^2 /NDF: 3725.5/22

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432 ± 0.065 χ^2/NDF : 123486.3/16

Left Out: 51.394 ± 0.152 χ^2/NDF : 539.3/4

Right Out: -10.072 ± 0.070 χ^2/NDF : 121911.4/19

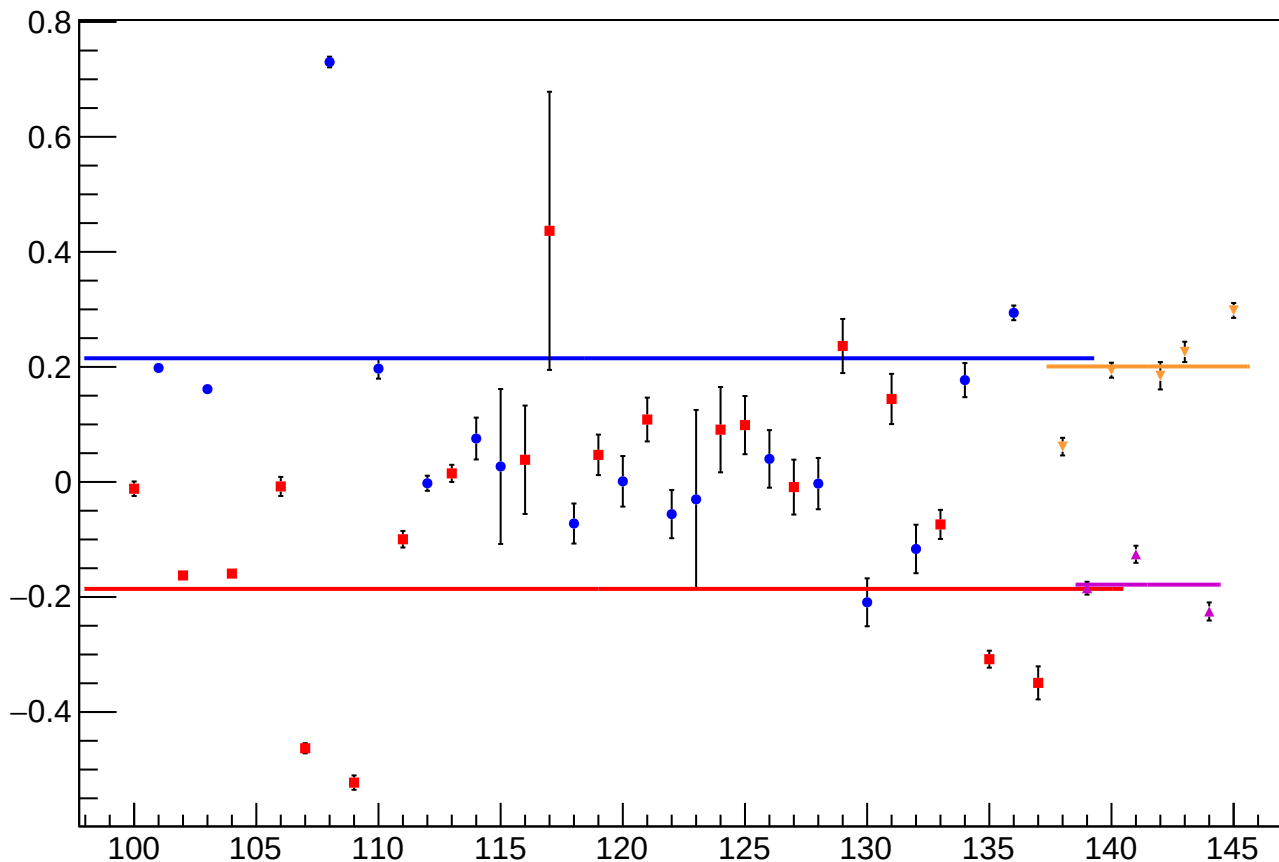
Left In: -51.499 ± 0.192 χ^2/NDF : 566.2/2

13.335 ± 0.060 χ^2/NDF : 198171.4/21

0.579 ± 0.044 χ^2/NDF : 463308.6/44

-14.890 ± 0.066 χ^2/NDF : 163524.5/22

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215+/-0.003 χ^2/NDF : 3930.1/16

Left Out: 0.201+/-0.007 χ^2/NDF : 142.0/4

Right Out: -0.186+/-0.003 χ^2/NDF : 2726.9/19

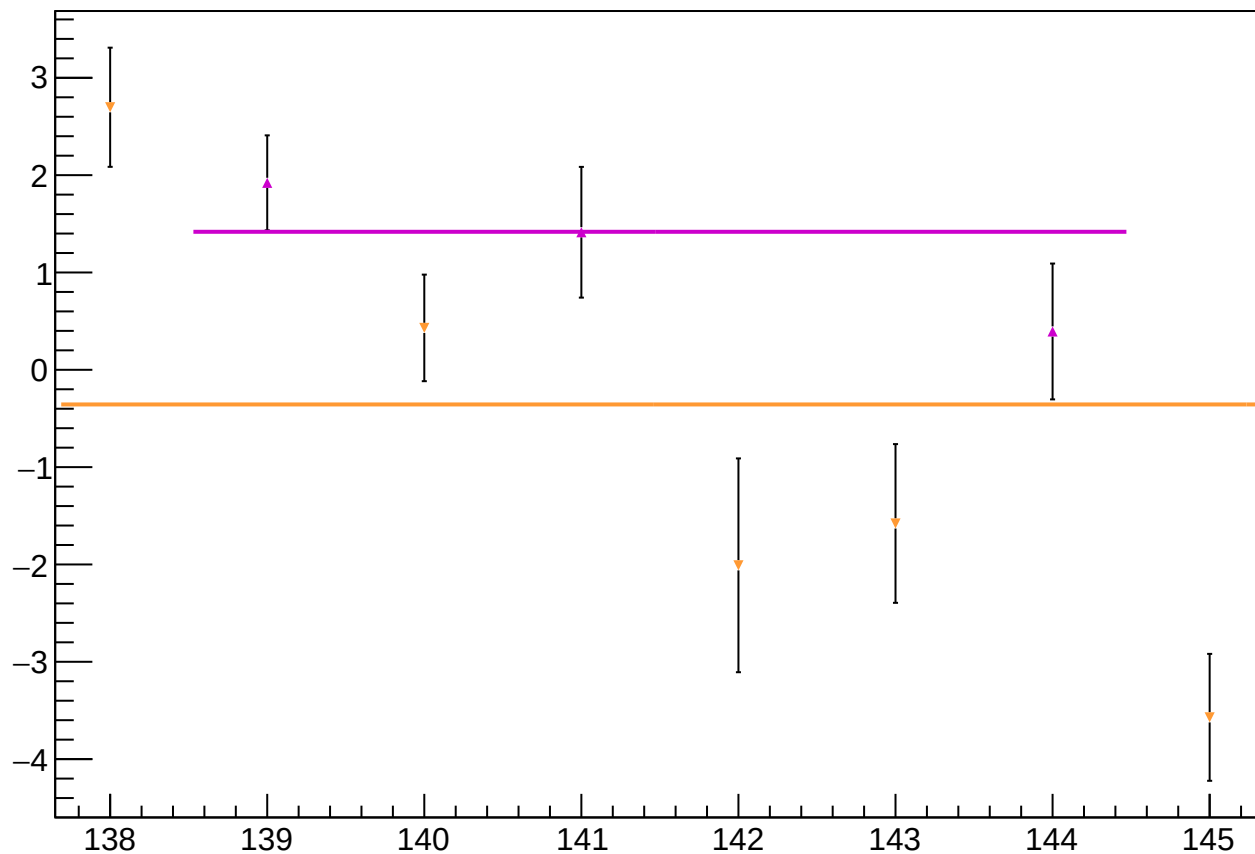
Left In: -0.179+/-0.008 χ^2/NDF : 21.8/2

0.213+/-0.003 χ^2/NDF : 4075.8/21

0.012+/-0.002 χ^2/NDF : 18980.5/44

-0.185+/-0.003 χ^2/NDF : 2749.5/22

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.356+/-0.306 χ^2/NDF : 55.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

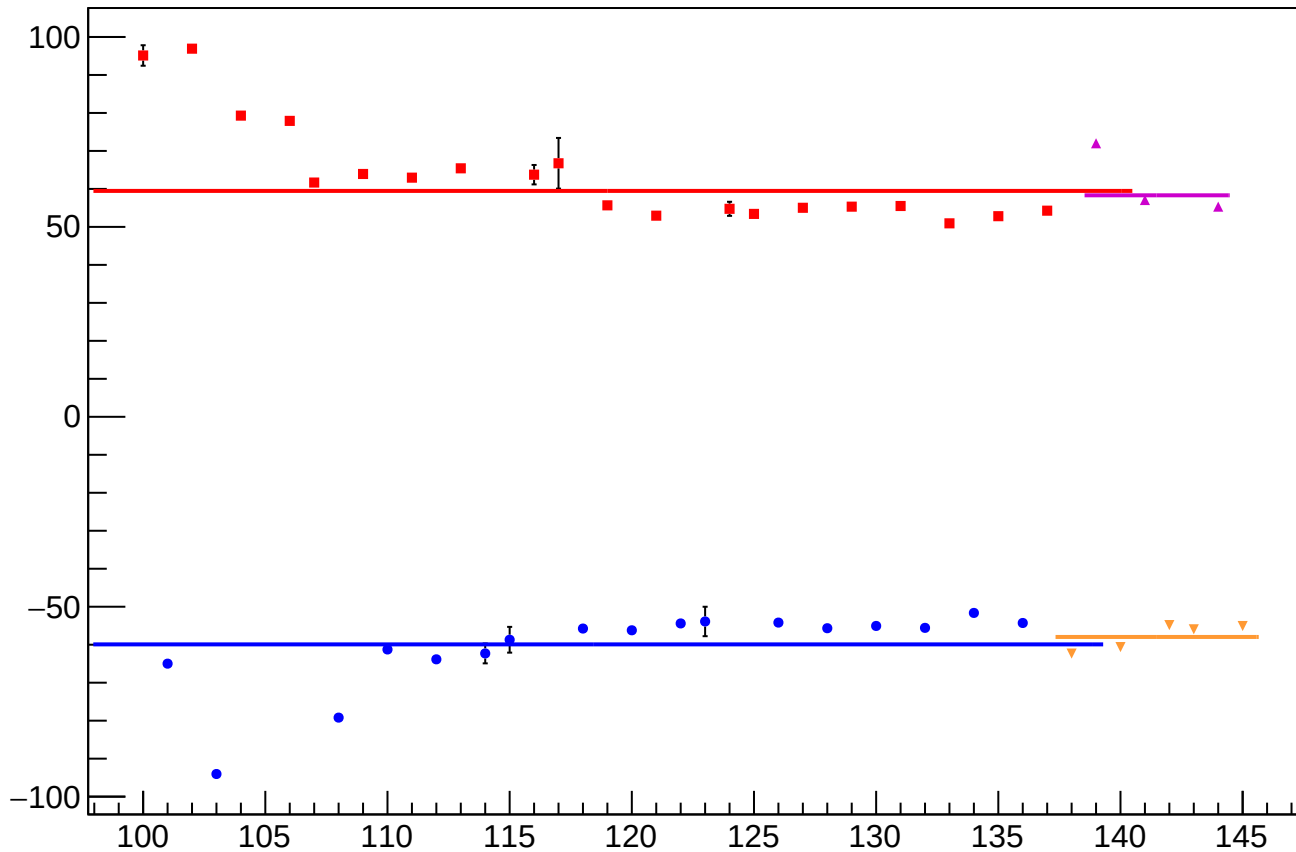
Left In: 1.418+/-0.344 χ^2/NDF : 3.2/2

-0.356+/-0.306 χ^2/NDF : 55.8/4

0.428+/-0.228 χ^2/NDF : 73.9/7

1.418+/-0.344 χ^2/NDF : 3.2/2

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -57.959 ± 0.254 χ^2/NDF : 137.0/4

Right Out: 59.475 ± 0.212 χ^2/NDF : 2913.9/19

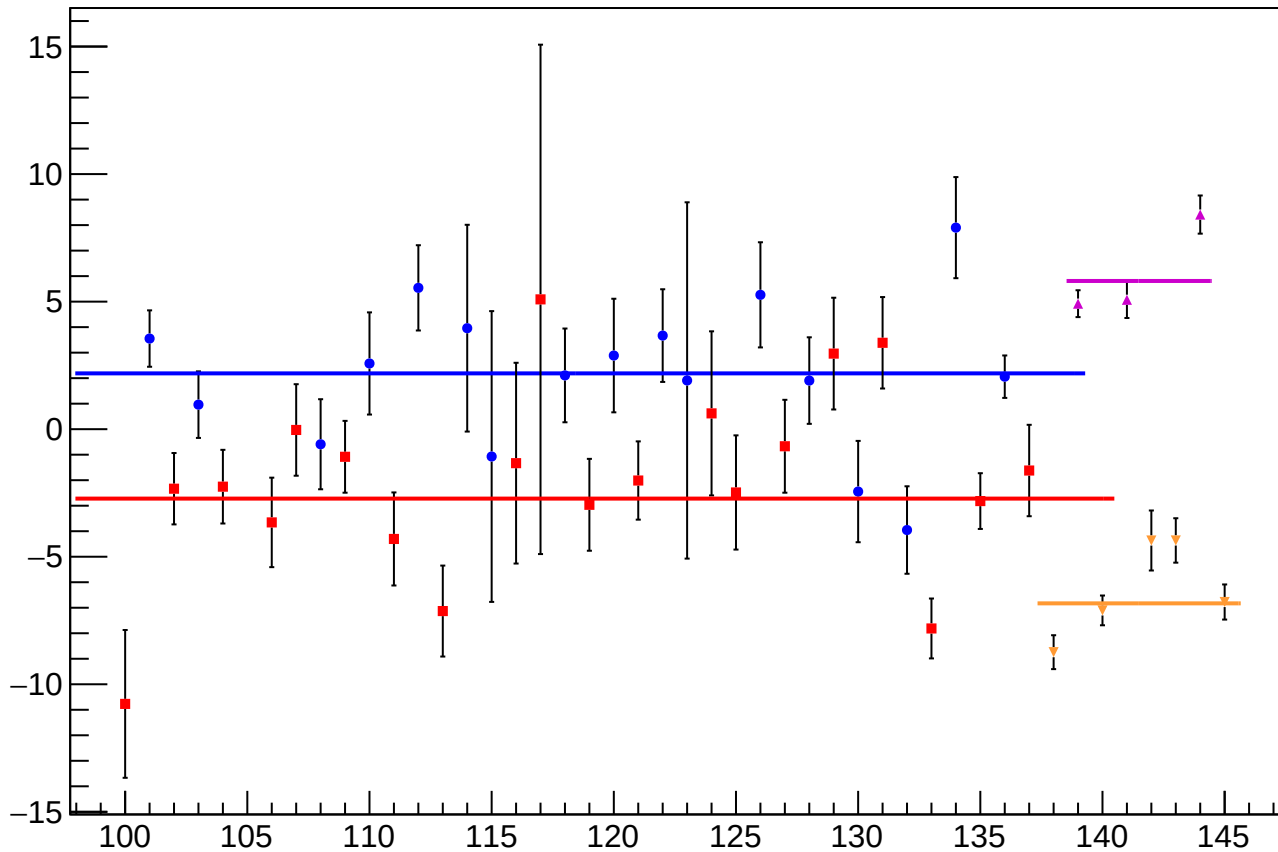
Left In: 58.316 ± 0.325 χ^2/NDF : 276.0/2

-59.062 ± 0.168 χ^2/NDF : 2150.0/21

-3.379 ± 0.122 χ^2/NDF : 239912.2/44

59.128 ± 0.177 χ^2/NDF : 3198.8/22

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188 ± 0.404 χ^2/NDF : 39.1/16

Left Out: -6.828 ± 0.327 χ^2/NDF : 20.9/4

Right Out: -2.721 ± 0.387 χ^2/NDF : 59.5/19

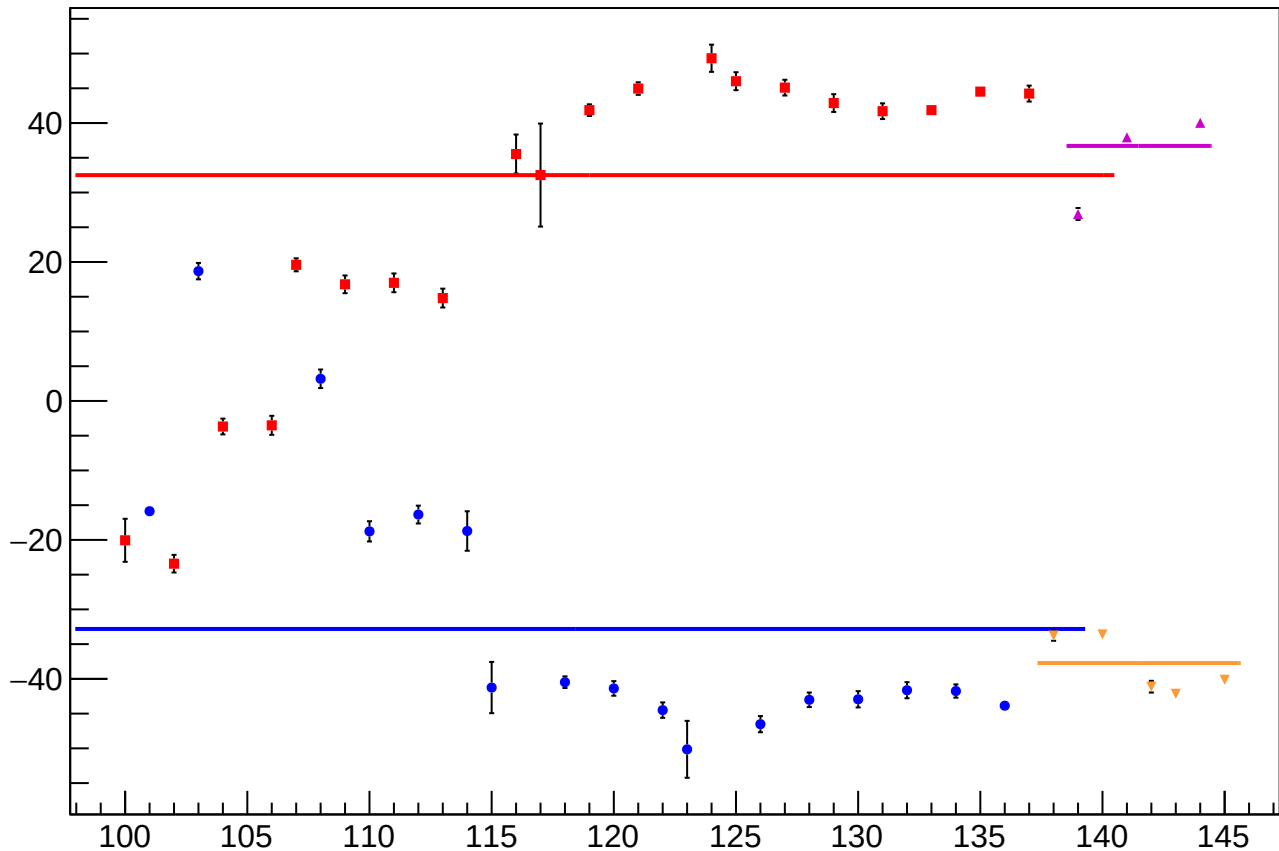
Left In: 5.810 ± 0.369 χ^2/NDF : 16.0/2

-3.261 ± 0.254 χ^2/NDF : 360.9/21

-0.878 ± 0.184 χ^2/NDF : 876.0/44

1.754 ± 0.267 χ^2/NDF : 330.1/22

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817 +/- 0.254 χ^2/NDF : 4666.6/16

Left Out: -37.722 +/- 0.298 χ^2/NDF : 157.8/4

Right Out: 32.501 +/- 0.244 χ^2/NDF : 6037.9/19

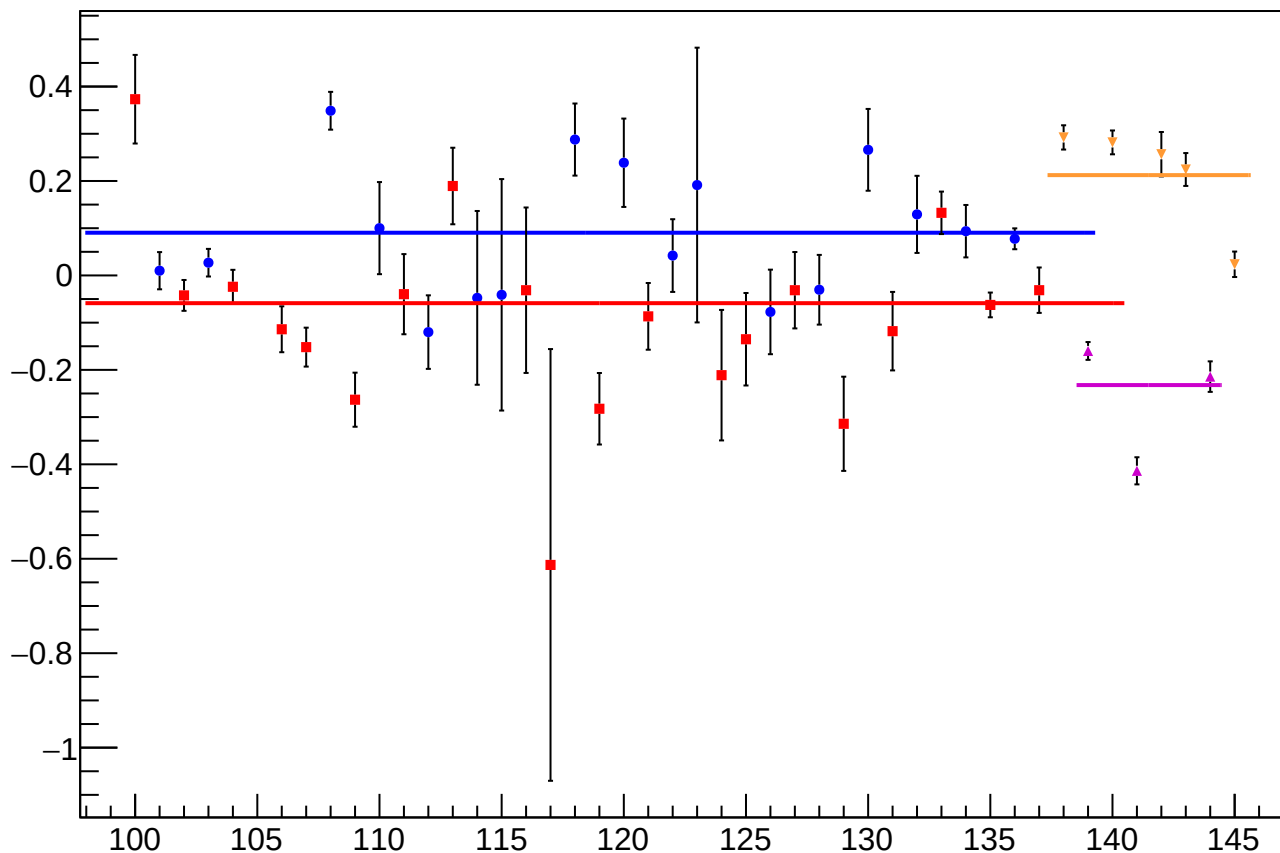
Left In: 36.707 +/- 0.373 χ^2/NDF : 164.9/2

-34.880 +/- 0.193 χ^2/NDF : 4981.3/21

-2.430 +/- 0.140 χ^2/NDF : 70865.4/44

33.758 +/- 0.204 χ^2/NDF : 6291.7/22

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected

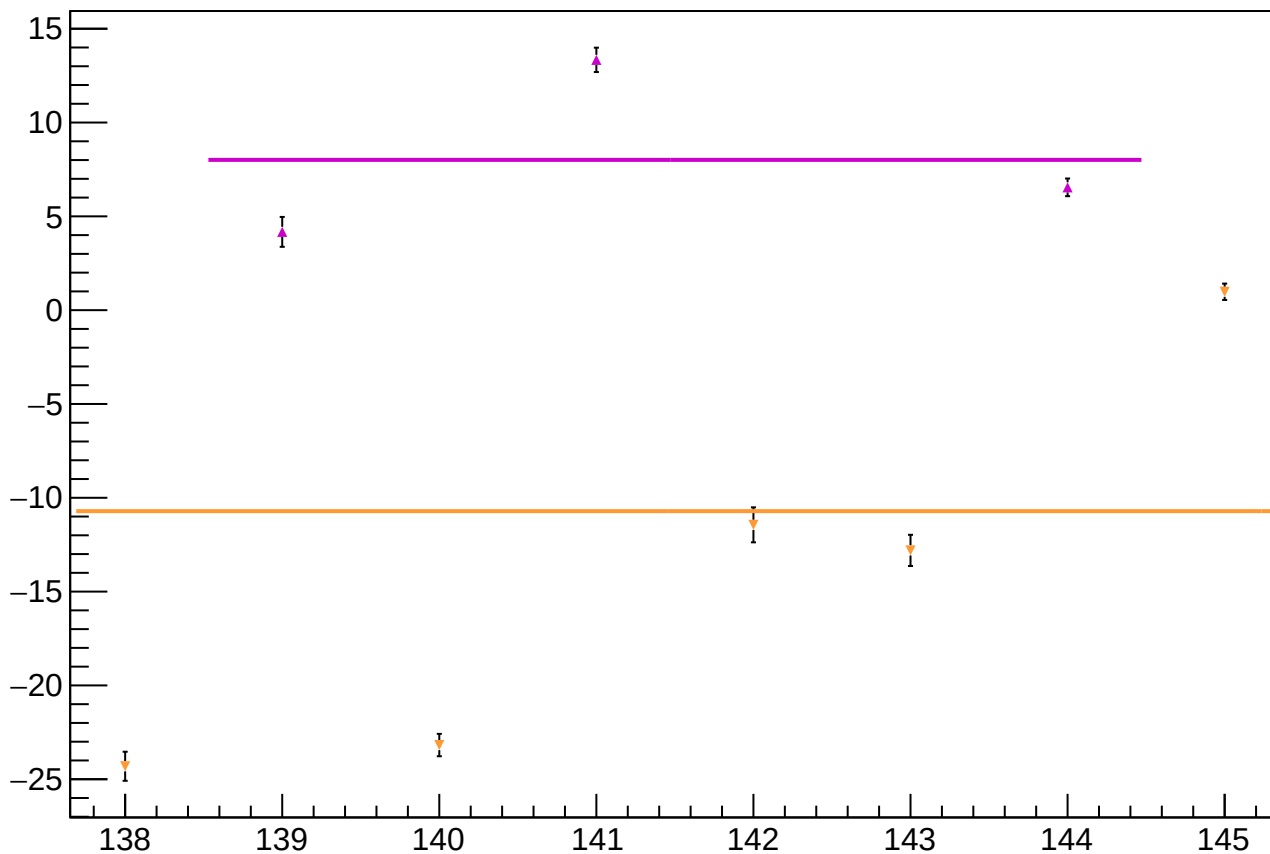


0.149 ± 0.009 $\chi^2/\text{NDF}: 190.7/21$

0.009 ± 0.006 $\chi^2/\text{NDF}: 889.2/44$

-0.132 ± 0.009 $\chi^2/\text{NDF}: 230.1/22$

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: -10.711+/-0.285 χ^2/NDF : 1470.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

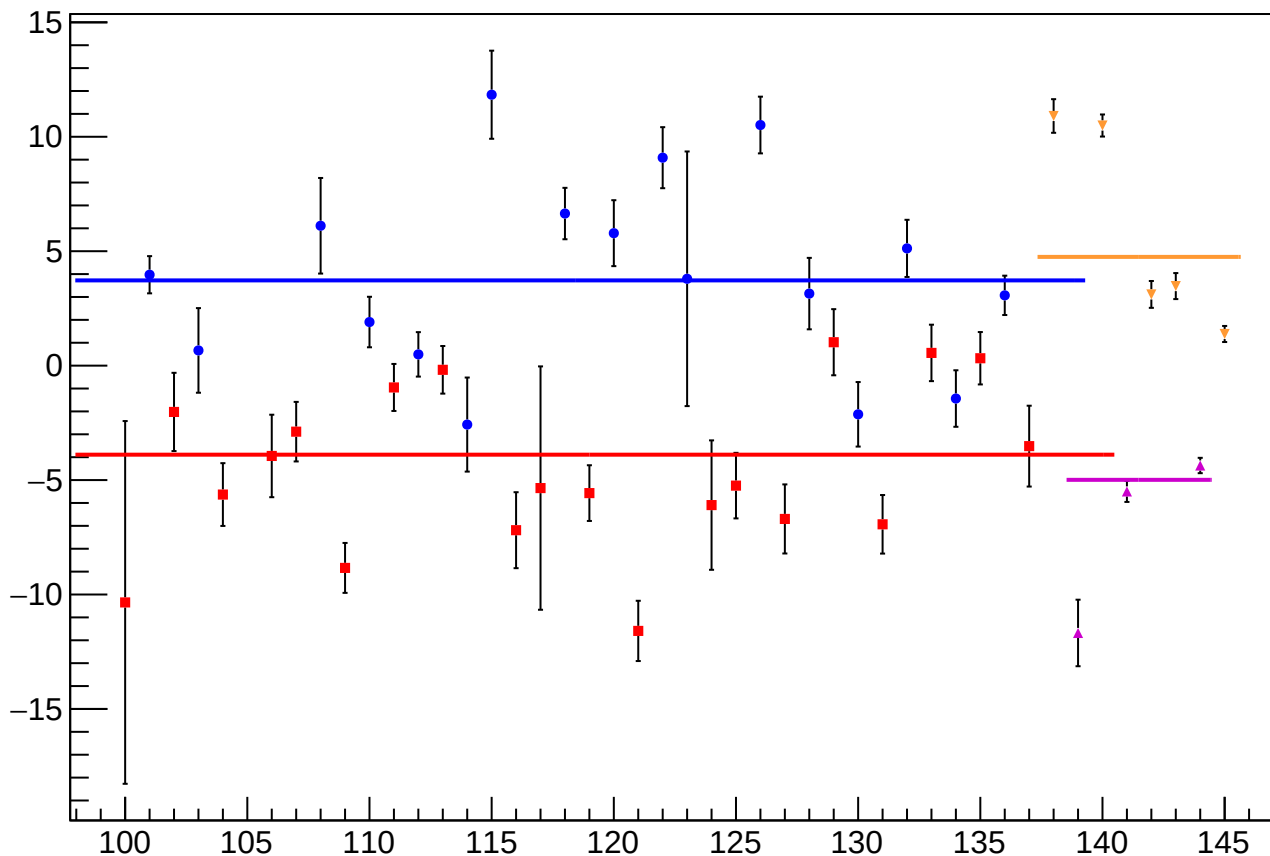
Left In: 8.010+/-0.344 χ^2/NDF : 100.3/2

-10.711+/-0.285 χ^2/NDF : 1470.9/4

-3.096+/-0.219 χ^2/NDF : 3329.2/7

8.010+/-0.344 χ^2/NDF : 100.3/2

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 4.752 ± 0.222 χ^2/NDF : 316.8/4

Right Out: -3.890 ± 0.316 χ^2/NDF : 134.5/19

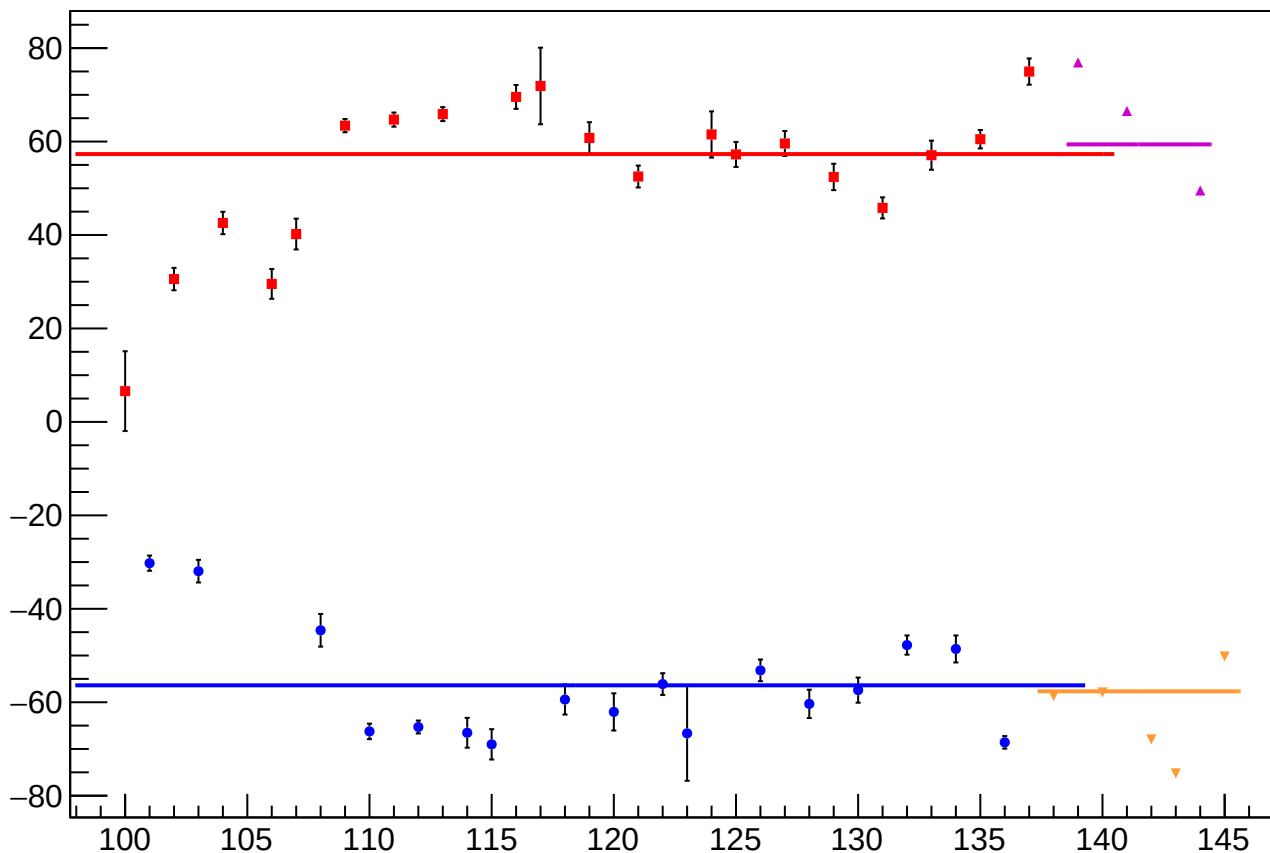
Left In: -4.990 ± 0.266 χ^2/NDF : 25.9/2

4.401 ± 0.180 χ^2/NDF : 460.8/21

0.473 ± 0.135 χ^2/NDF : 1708.4/44

-4.533 ± 0.203 χ^2/NDF : 167.4/22

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379 ± 0.542 $\chi^2/\text{NDF}: 587.4/16$

Left Out: -57.661 ± 0.304 $\chi^2/\text{NDF}: 758.0/4$

Right Out: 57.320 ± 0.535 $\chi^2/\text{NDF}: 479.3/19$

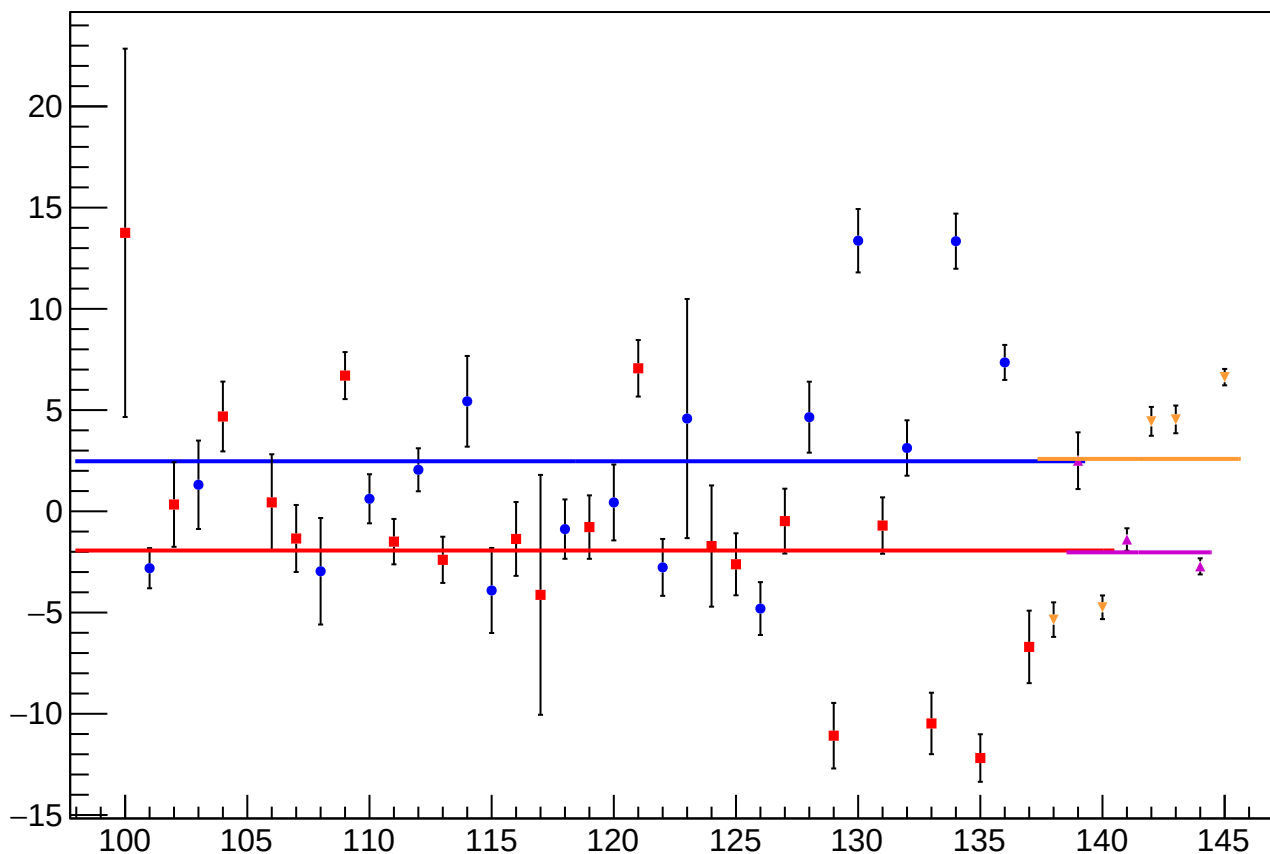
Left In: 59.392 ± 0.368 $\chi^2/\text{NDF}: 904.7/2$

-57.354 ± 0.265 $\chi^2/\text{NDF}: 1349.6/21$

-7.074 ± 0.200 $\chi^2/\text{NDF}: 85758.6/44$

58.725 ± 0.303 $\chi^2/\text{NDF}: 1394.1/22$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 2.589 ± 0.263 χ^2/NDF : 358.1/4

Right Out: -1.936 ± 0.354 χ^2/NDF : 266.8/19

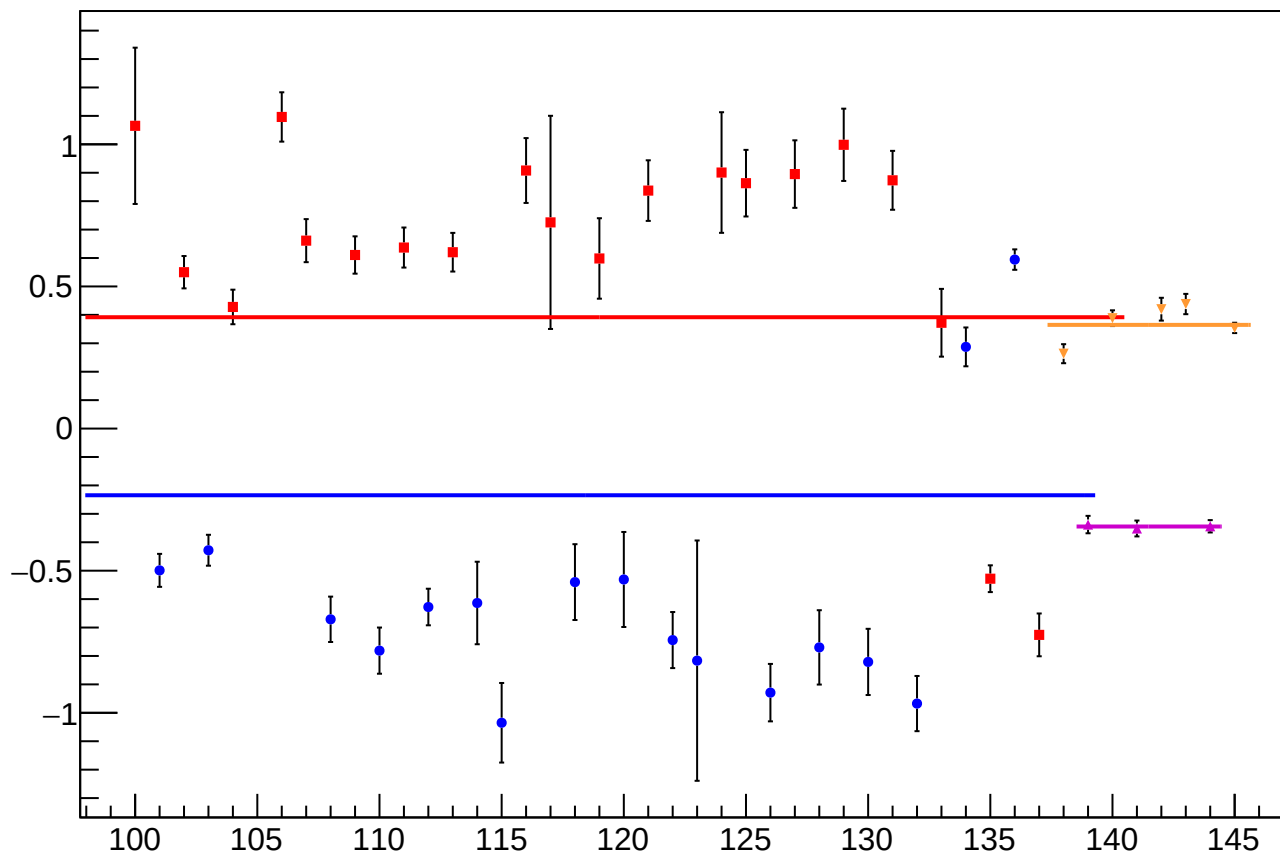
Left In: -2.027 ± 0.315 χ^2/NDF : 14.8/2

2.546 ± 0.209 χ^2/NDF : 601.8/21

0.547 ± 0.156 χ^2/NDF : 1090.6/44

-1.987 ± 0.235 χ^2/NDF : 281.6/22

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.365 ± 0.012 χ^2/NDF : 16.3/4

Right Out: 0.392 ± 0.019 χ^2/NDF : 854.1/19

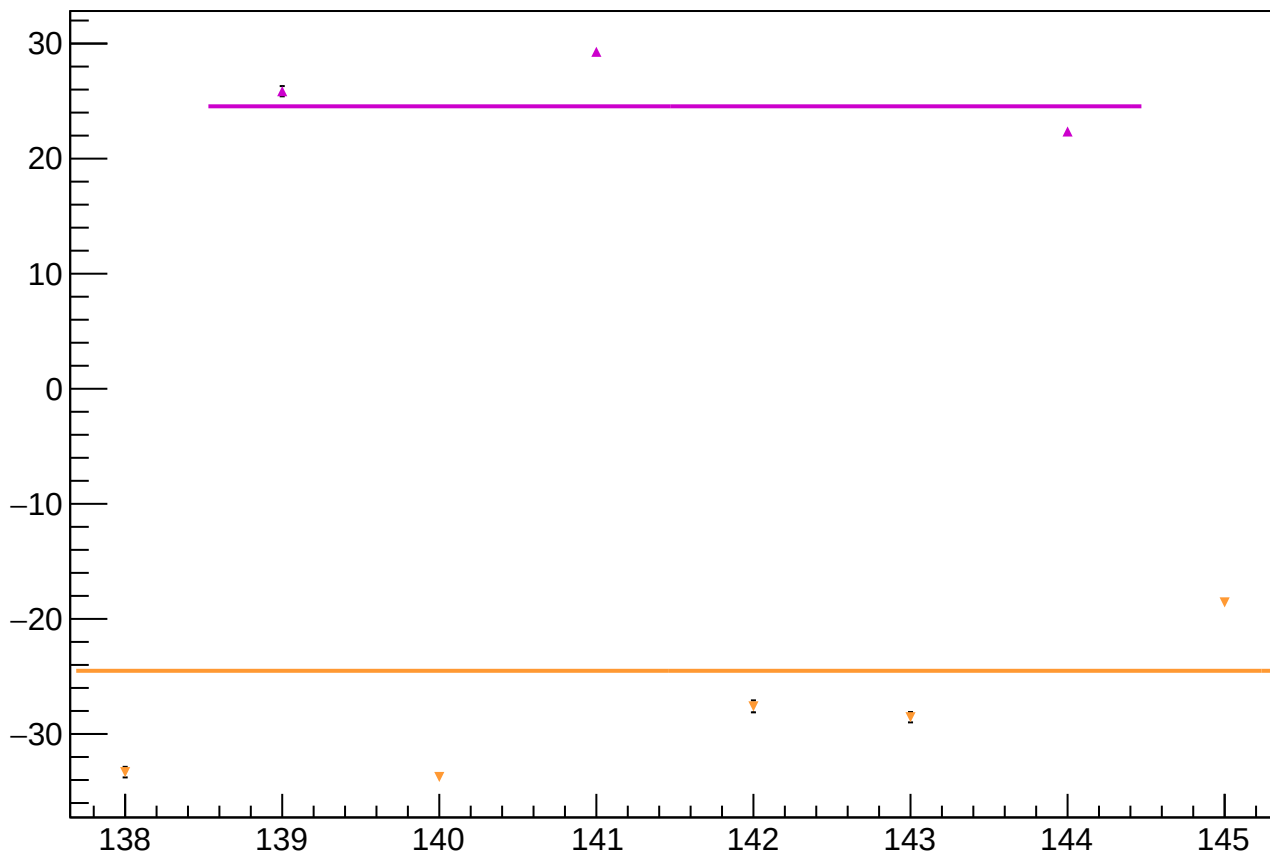
Left In: -0.345 ± 0.015 χ^2/NDF : 0.1/2

0.186 ± 0.010 χ^2/NDF : 1683.1/21

0.079 ± 0.008 χ^2/NDF : 3719.2/44

-0.061 ± 0.012 χ^2/NDF : 1784.8/22

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: -24.510+/-0.143 χ^2/NDF : 2186.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

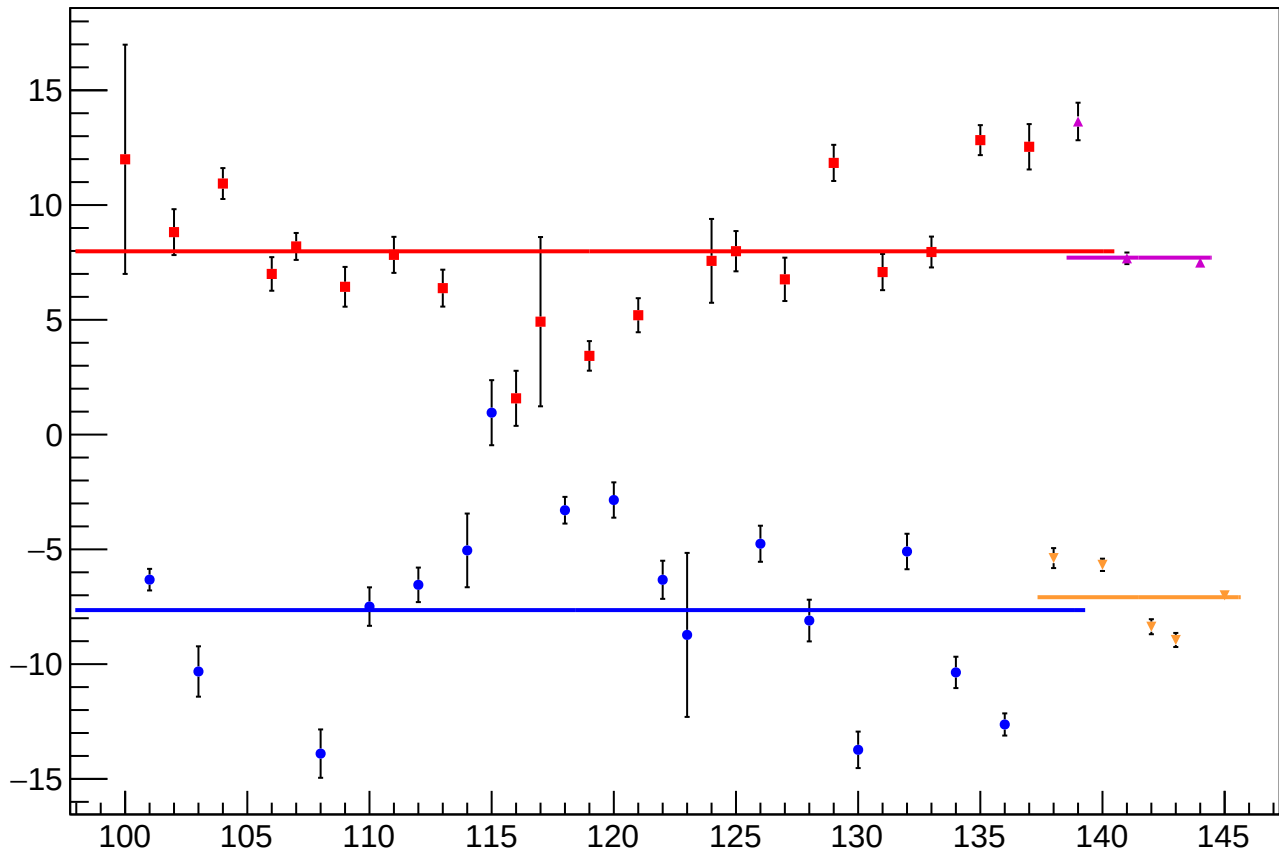
Left In: 24.546+/-0.174 χ^2/NDF : 280.8/2

-24.510+/-0.143 χ^2/NDF : 2186.2/4

-4.744+/-0.111 χ^2/NDF : 49790.3/7

24.546+/-0.174 χ^2/NDF : 280.8/2

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.084 ± 0.113 χ^2/NDF : 95.6/4

Right Out: 7.985 ± 0.186 χ^2/NDF : 226.1/19

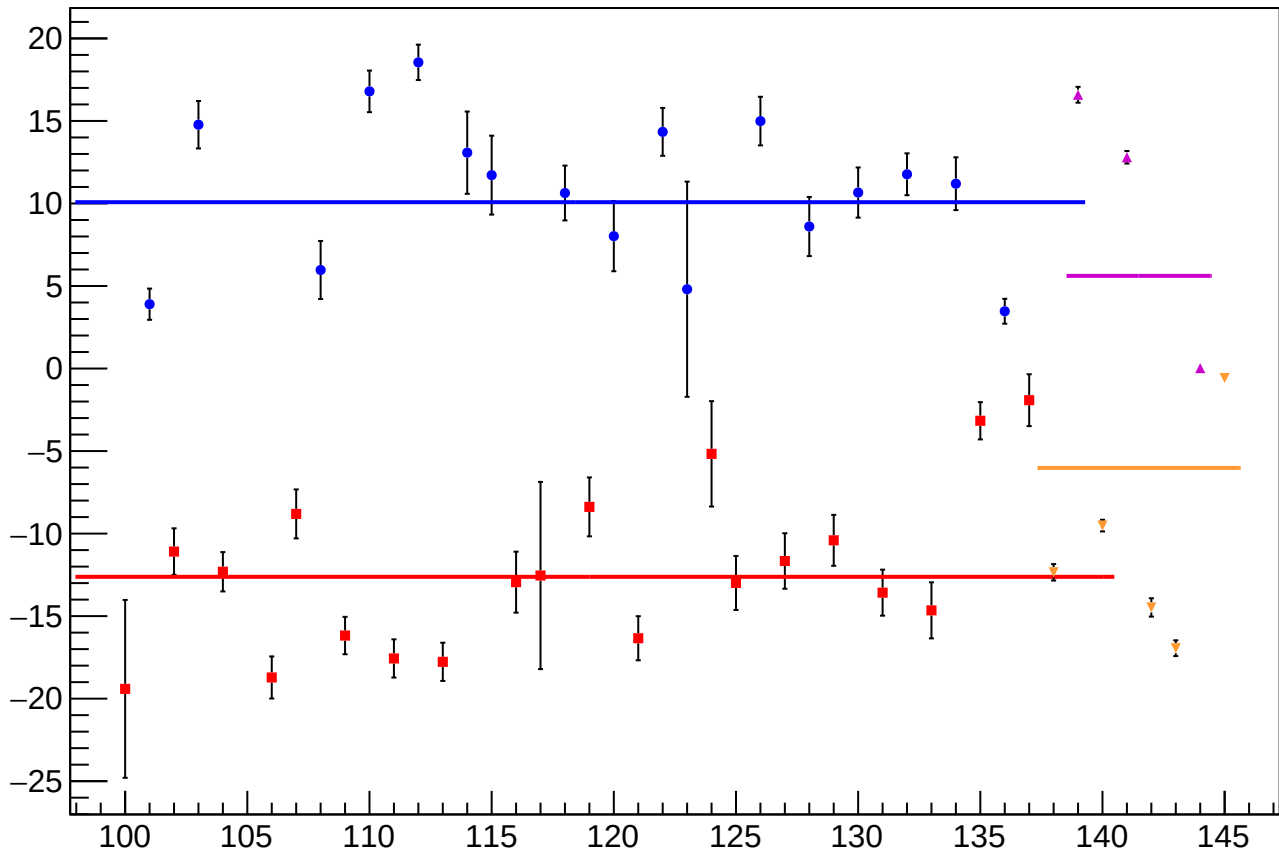
Left In: 7.708 ± 0.133 χ^2/NDF : 54.5/2

-7.236 ± 0.096 χ^2/NDF : 495.9/21

-0.573 ± 0.072 χ^2/NDF : 11557.4/44

7.802 ± 0.108 χ^2/NDF : 282.1/22

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077 ± 0.337 $\chi^2/\text{NDF}: 252.8/16$

Left Out: -6.020 ± 0.152 $\chi^2/\text{NDF}: 1707.1/4$

Right Out: -12.620 ± 0.332 $\chi^2/\text{NDF}: 220.0/19$

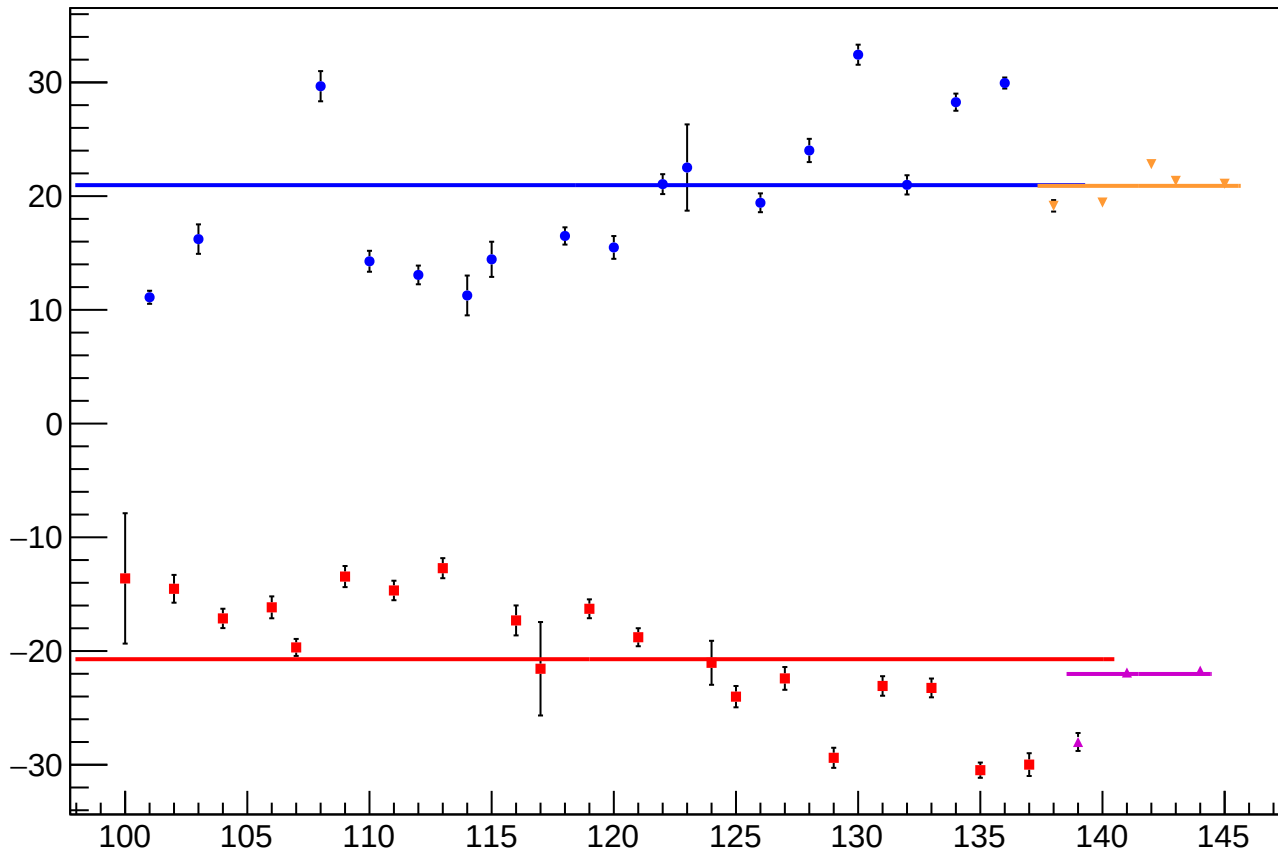
Left In: 5.614 ± 0.187 $\chi^2/\text{NDF}: 1423.8/2$

-3.290 ± 0.139 $\chi^2/\text{NDF}: 3857.1/21$

-1.387 ± 0.106 $\chi^2/\text{NDF}: 8240.9/44$

1.231 ± 0.163 $\chi^2/\text{NDF}: 3936.8/22$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965 ± 0.209 $\chi^2/\text{NDF}: 1225.5/16$

Left Out: 20.903 ± 0.133 $\chi^2/\text{NDF}: 57.9/4$

Right Out: -20.718 ± 0.212 $\chi^2/\text{NDF}: 729.9/19$

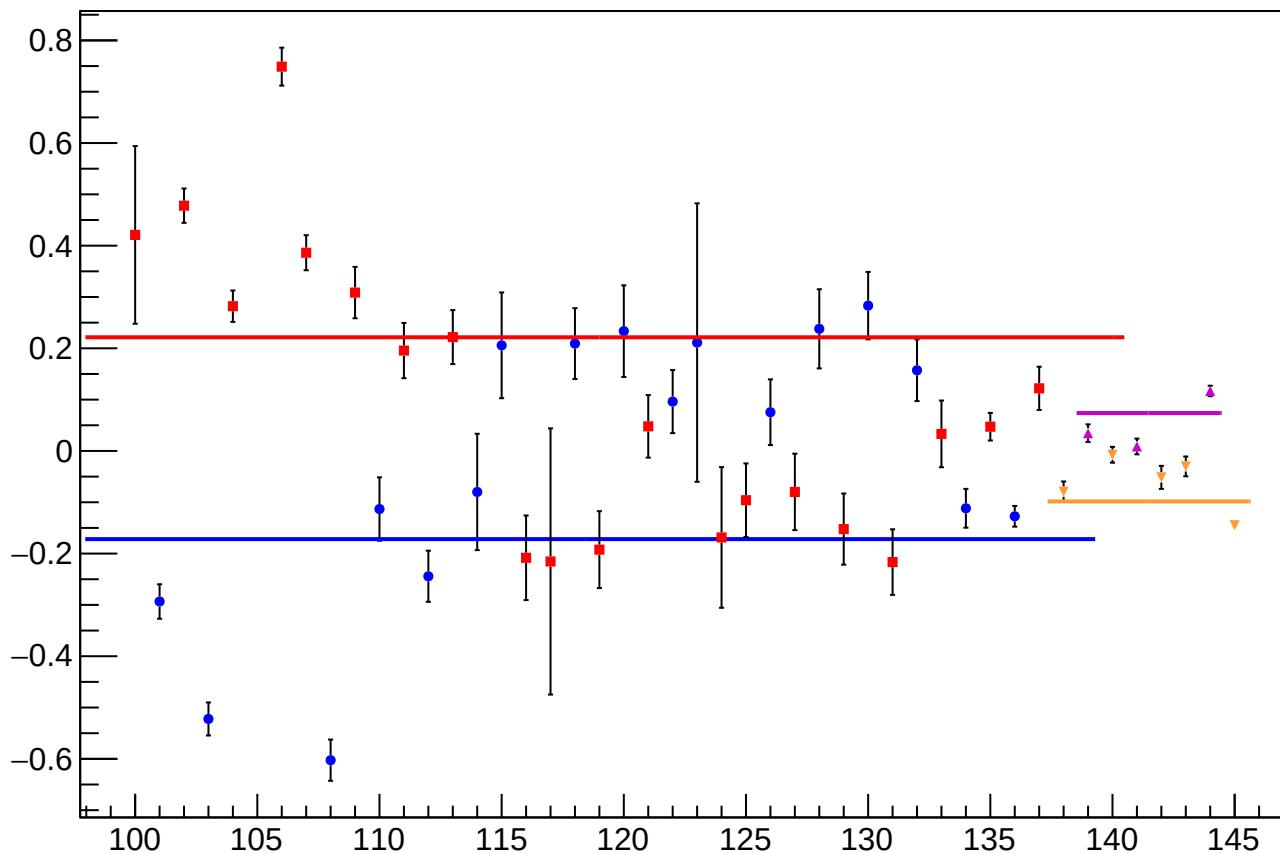
Left In: -22.017 ± 0.157 $\chi^2/\text{NDF}: 60.1/2$

20.921 ± 0.112 $\chi^2/\text{NDF}: 1283.4/21$

2.213 ± 0.084 $\chi^2/\text{NDF}: 65266.7/44$

-21.557 ± 0.126 $\chi^2/\text{NDF}: 814.2/22$

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.098 ± 0.006 χ^2/NDF : 85.6/4

Right Out: 0.221 ± 0.011 χ^2/NDF : 538.9/19

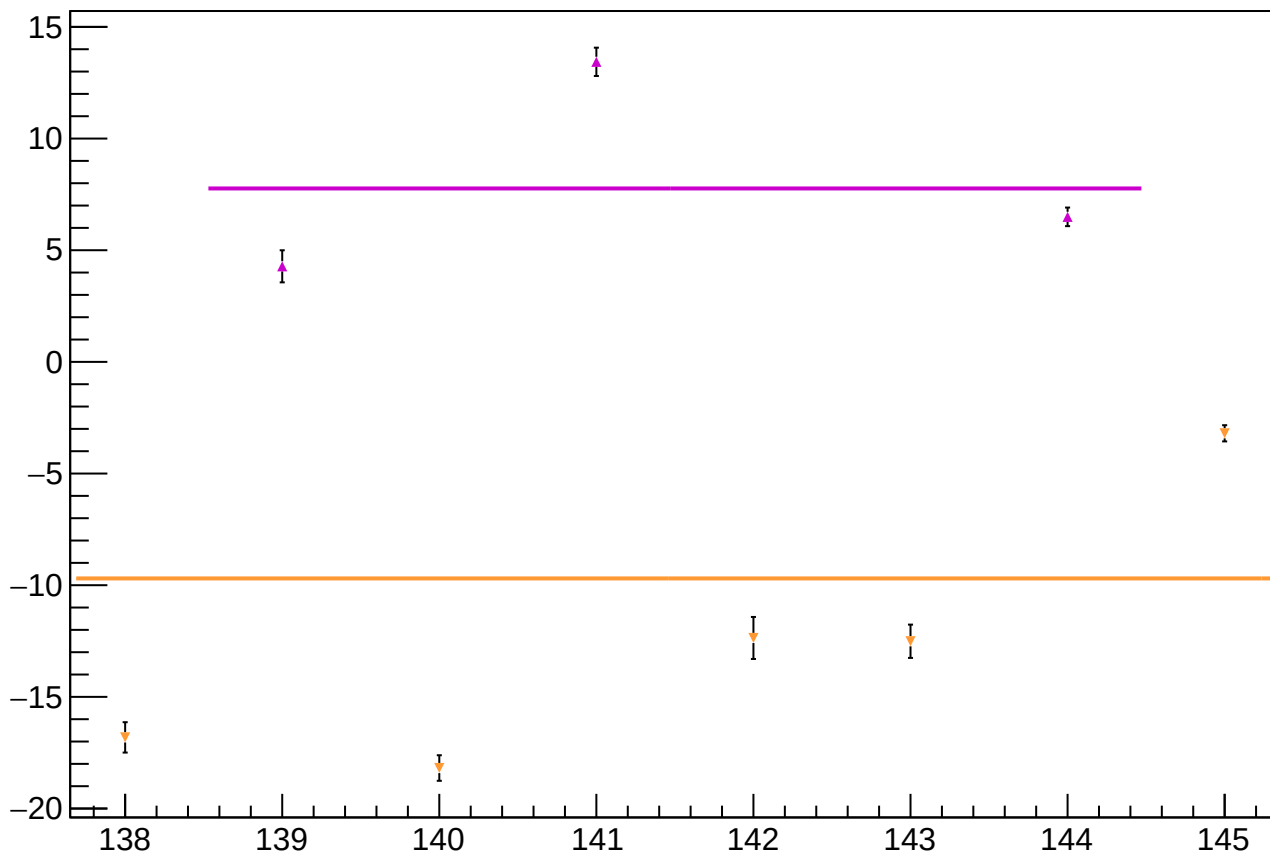
Left In: 0.074 ± 0.008 χ^2/NDF : 40.8/2

-0.115 ± 0.005 χ^2/NDF : 583.0/21

-0.015 ± 0.004 χ^2/NDF : 2114.4/44

0.122 ± 0.006 χ^2/NDF : 702.2/22

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: -9.696+/-0.252 χ^2/NDF : 673.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

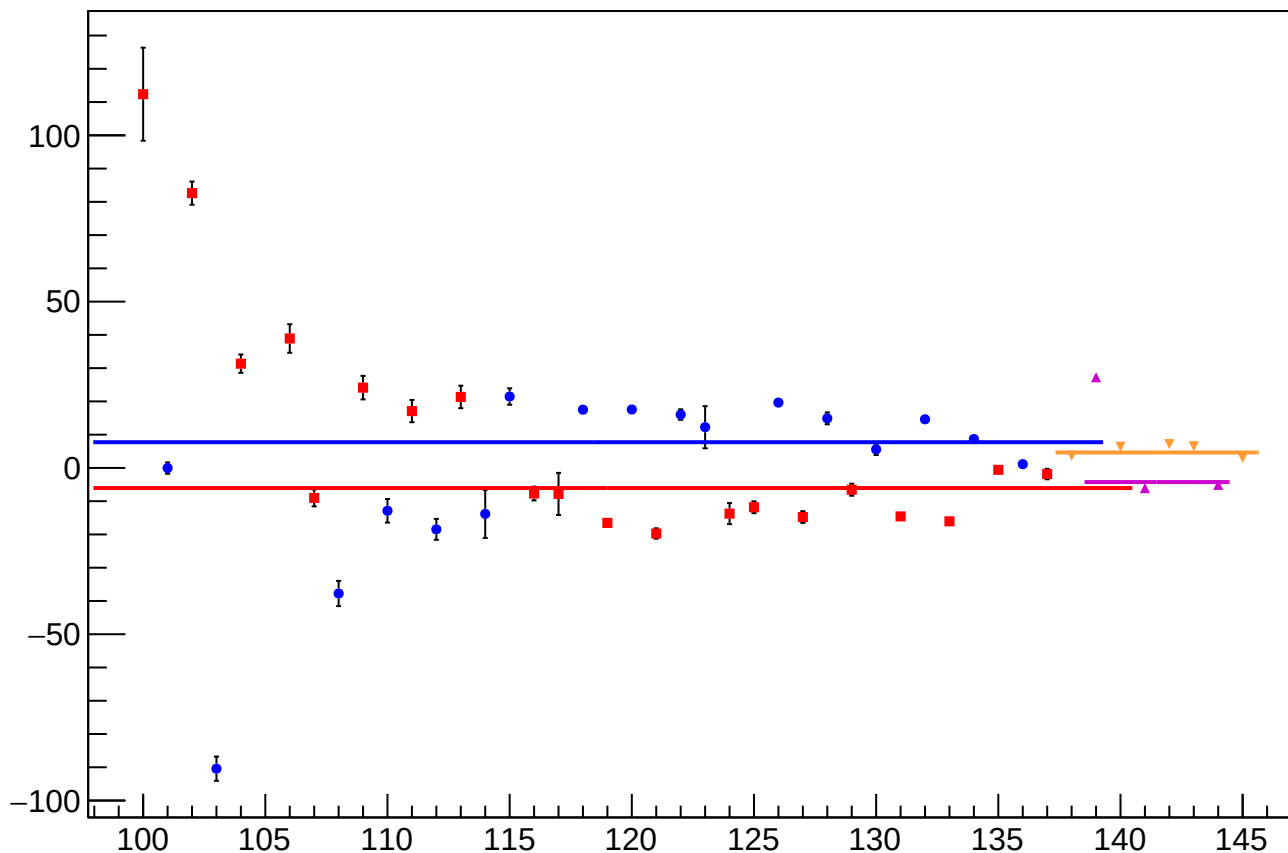
Left In: 7.766+/-0.313 χ^2/NDF : 112.9/2

-9.696+/-0.252 χ^2/NDF : 673.1/4

-2.829+/-0.196 χ^2/NDF : 2674.4/7

7.766+/-0.313 χ^2/NDF : 112.9/2

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 4.650 ± 0.197 χ^2/NDF : 80.9/4

Right Out: -6.048 ± 0.433 χ^2/NDF : 1512.2/19

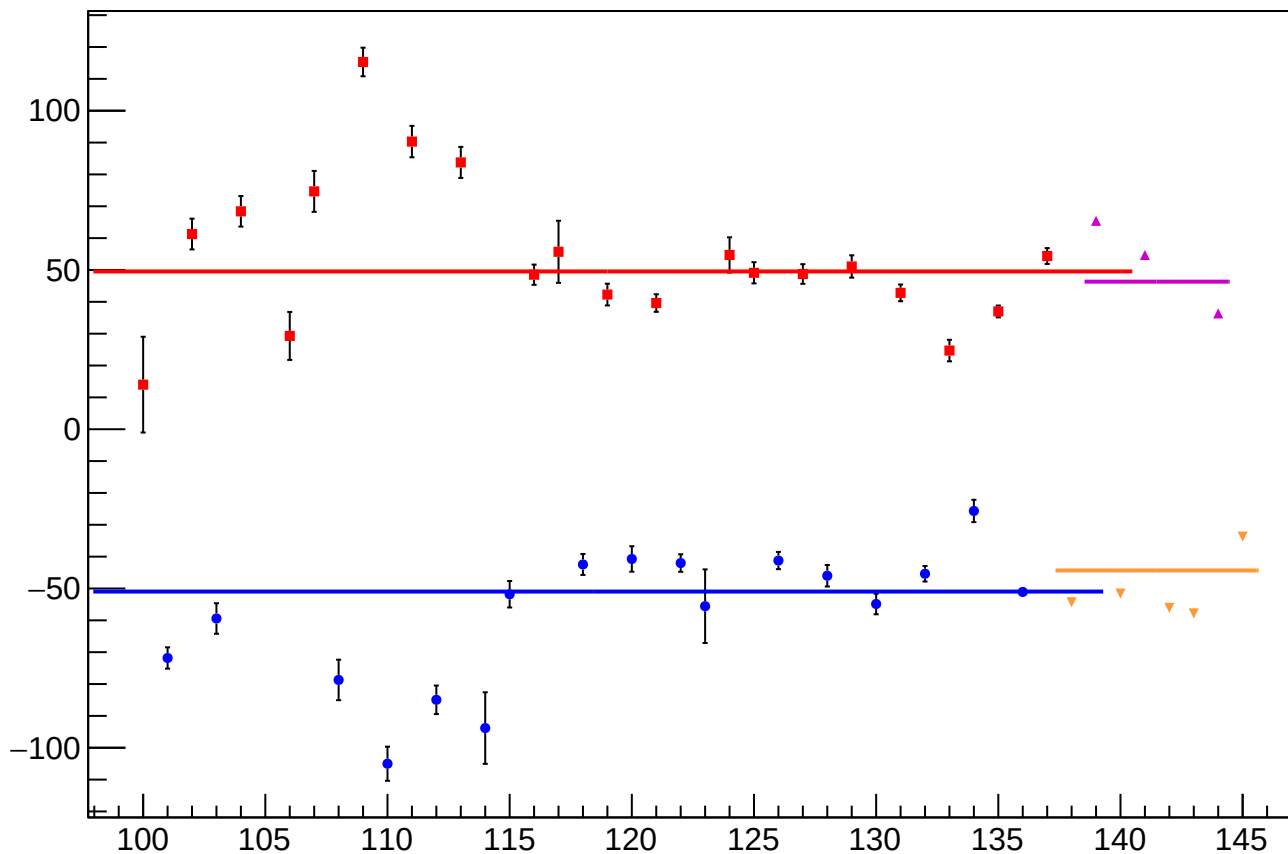
Left In: -4.253 ± 0.243 χ^2/NDF : 605.9/2

5.247 ± 0.177 χ^2/NDF : 1486.7/21

1.168 ± 0.136 χ^2/NDF : 4909.8/44

-4.683 ± 0.212 χ^2/NDF : 2131.1/22

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.966+/-0.738 χ^2/NDF : 332.7/16

Left Out: -44.351+/-0.270 χ^2/NDF :1500.9/4

Right Out: 49.538+/-0.795 χ^2/NDF : 510.8/19

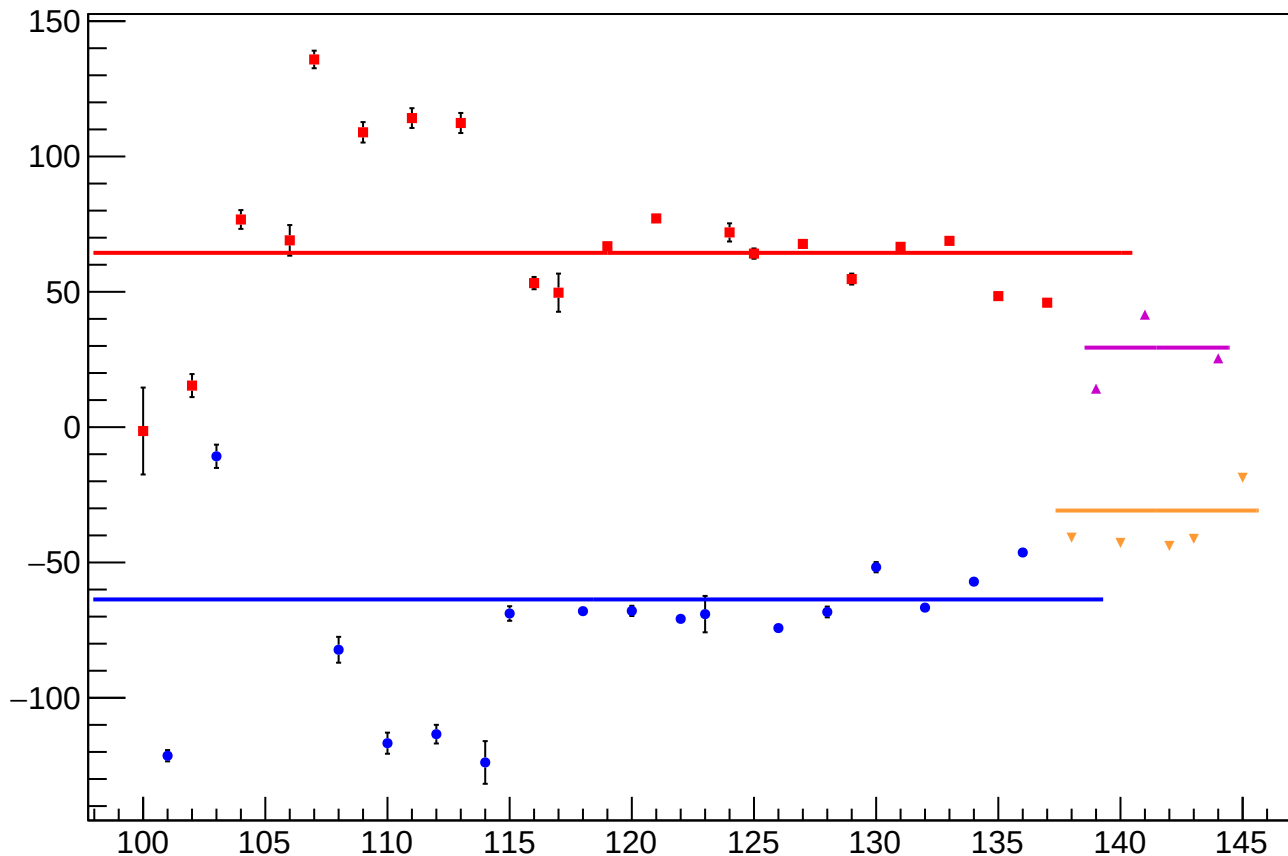
Left In: 46.332+/-0.335 χ^2/NDF :1258.6/2

-45.130+/-0.253 χ^2/NDF : 1904.5/21

-8.203+/-0.196 χ^2/NDF : 56652.1/44

46.817+/-0.309 χ^2/NDF : 1783.2/22

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656 $\pm$ 0.445 χ^2 /NDF: 2014.7/16

Left Out: -30.808 $\pm$ 0.233 χ^2 /NDF: 2565.6/4

Right Out: 64.401 $\pm$ 0.481 χ^2 /NDF: 1611.2/19

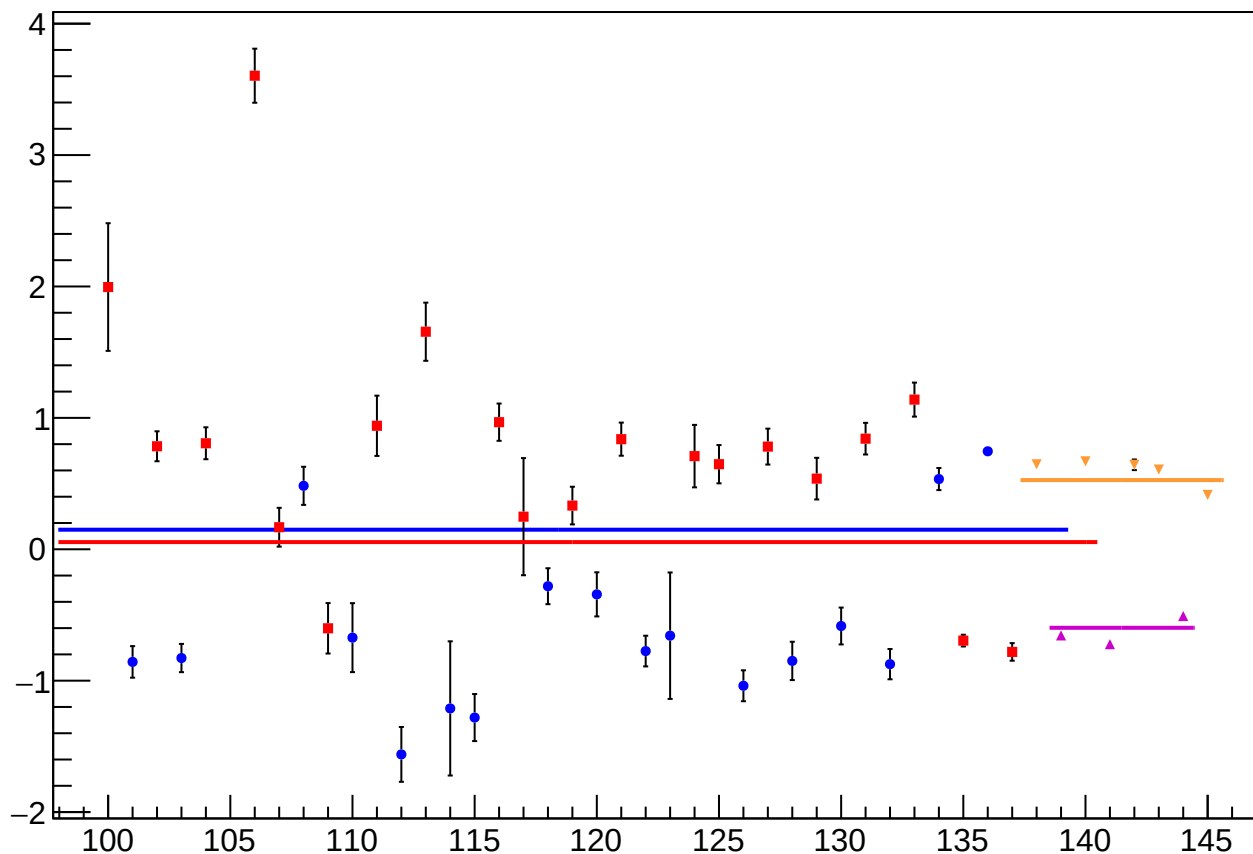
Left In: 29.380 $\pm$ 0.287 χ^2 /NDF: 775.9/2

-37.848 $\pm$ 0.206 χ^2 /NDF: 8854.3/21

-6.430 $\pm$ 0.158 χ^2 /NDF: 71628.9/44

38.586 $\pm$ 0.247 χ^2 /NDF: 6288.6/22

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 $\pm$ 0.024 χ^2/NDF : 989.9/16

Left Out: 0.527 $\pm$ 0.011 χ^2/NDF : 115.2/4

Right Out: 0.055 $\pm$ 0.026 χ^2/NDF : 1168.0/19

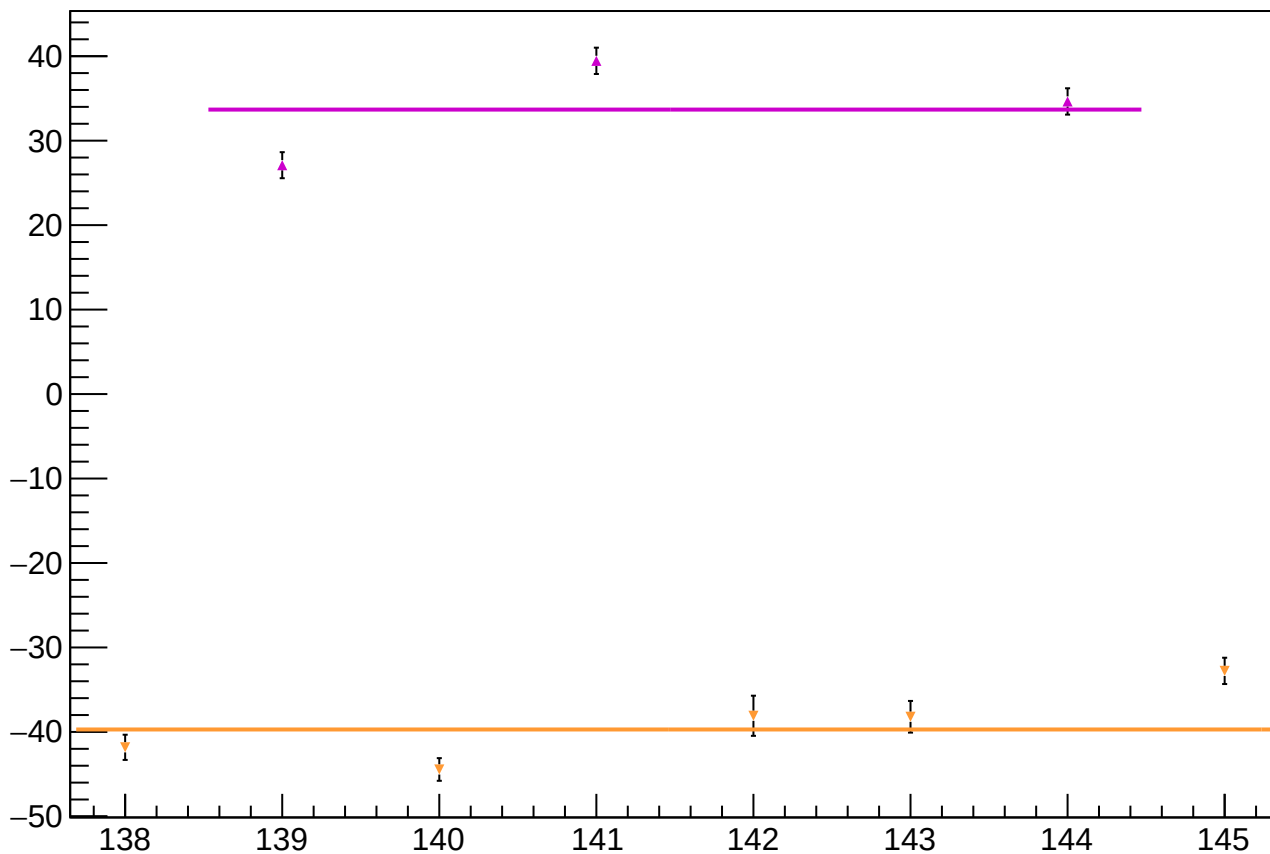
Left In: -0.598 $\pm$ 0.014 χ^2/NDF : 47.1/2

0.462 $\pm$ 0.010 χ^2/NDF : 1311.2/21

0.093 $\pm$ 0.008 χ^2/NDF : 6492.8/44

-0.458 $\pm$ 0.012 χ^2/NDF : 1704.3/22

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: -39.710+/-0.729 χ^2/NDF : 35.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

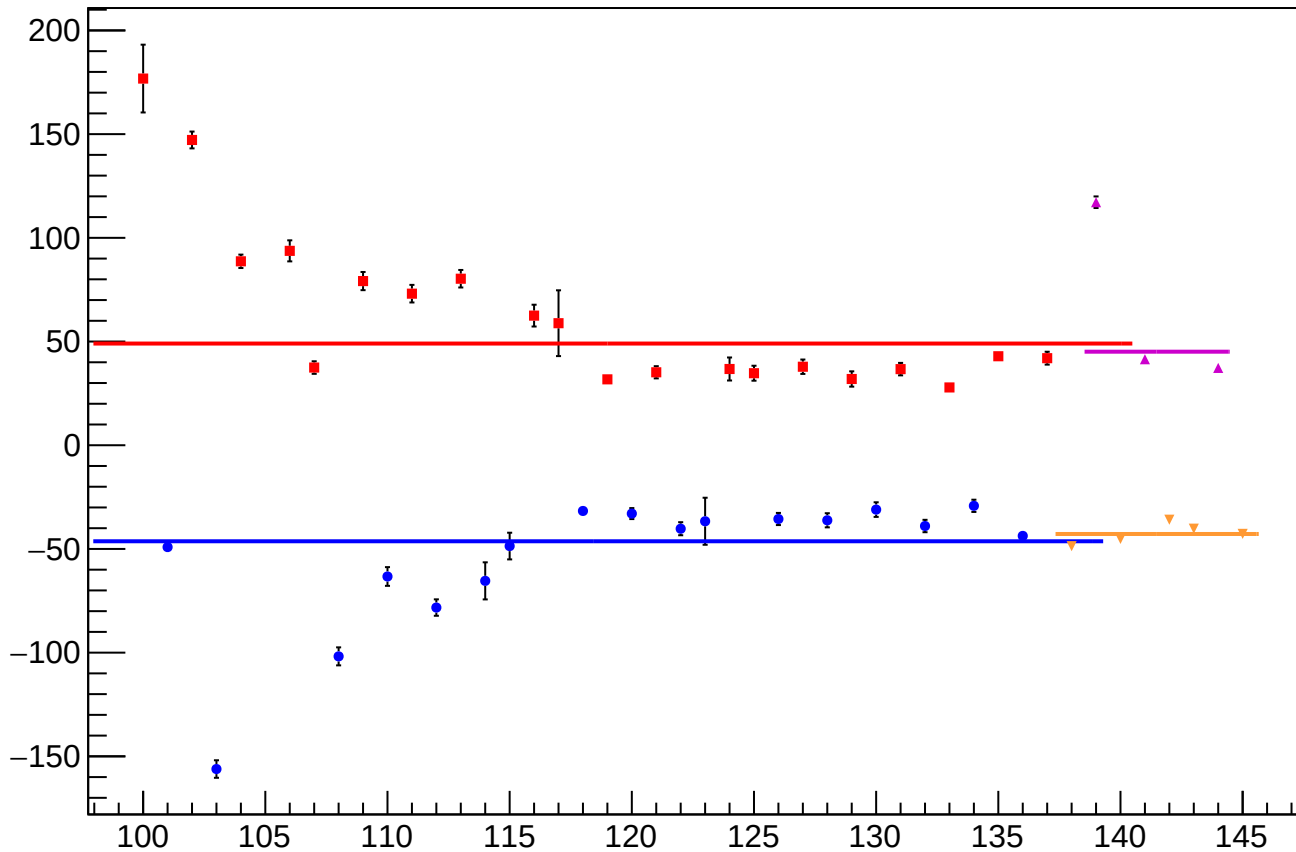
Left In: 33.679+/-0.897 χ^2/NDF : 32.3/2

-39.710+/-0.729 χ^2/NDF : 35.4/4

-10.483+/-0.566 χ^2/NDF : 4098.3/7

33.679+/-0.897 χ^2/NDF : 32.3/2

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -42.788 ± 0.582 χ^2/NDF : 45.4/4

Right Out: 49.031 ± 0.763 χ^2/NDF : 1272.0/19

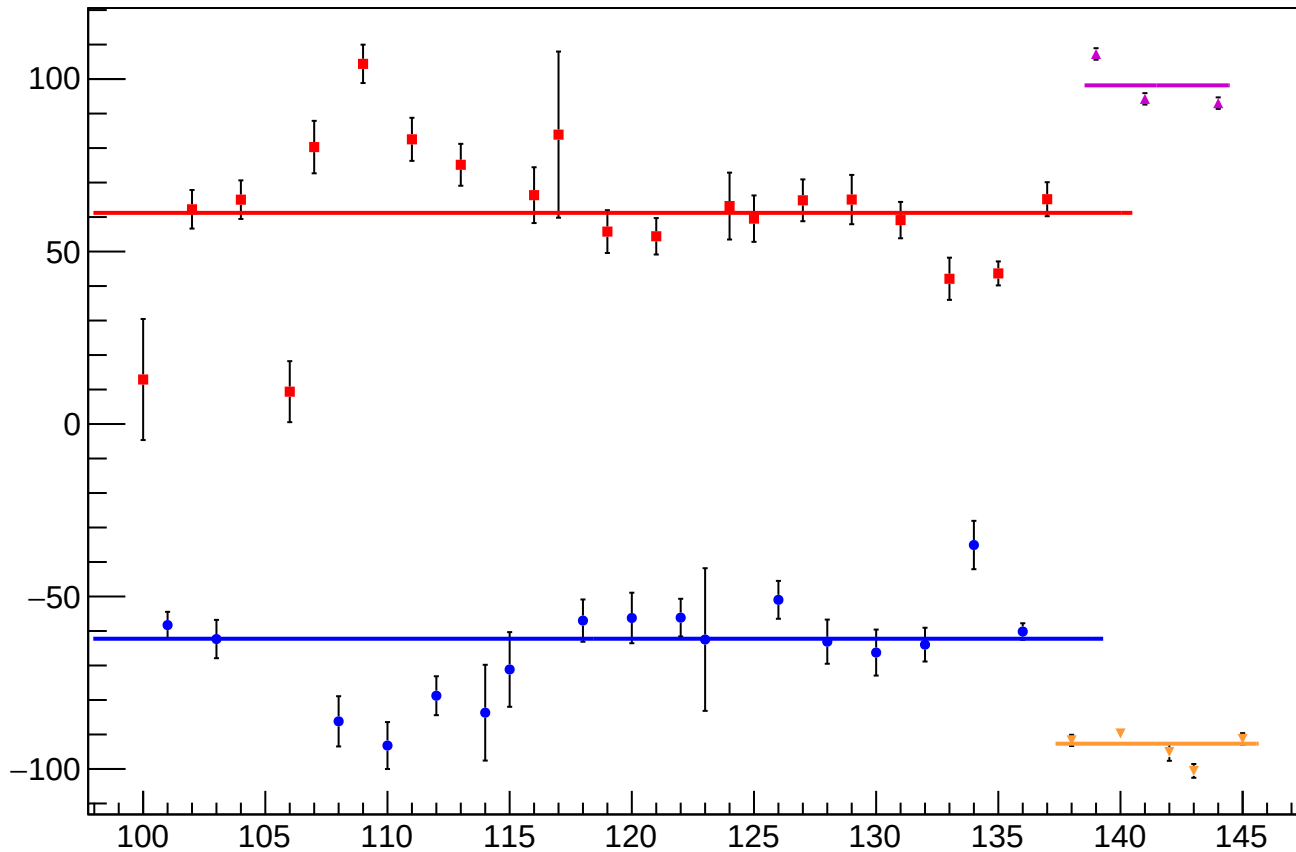
Left In: 45.107 ± 0.757 χ^2/NDF : 726.2/2

-44.168 ± 0.453 χ^2/NDF : 1143.7/21

-6.264 ± 0.346 χ^2/NDF : 19995.3/44

47.054 ± 0.537 χ^2/NDF : 2011.6/22

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.242 ± 1.310 χ^2/NDF : 67.4/16

Left Out: -92.678 ± 0.780 χ^2/NDF : 21.8/4

Right Out: 61.216 ± 1.377 χ^2/NDF : 166.5/19

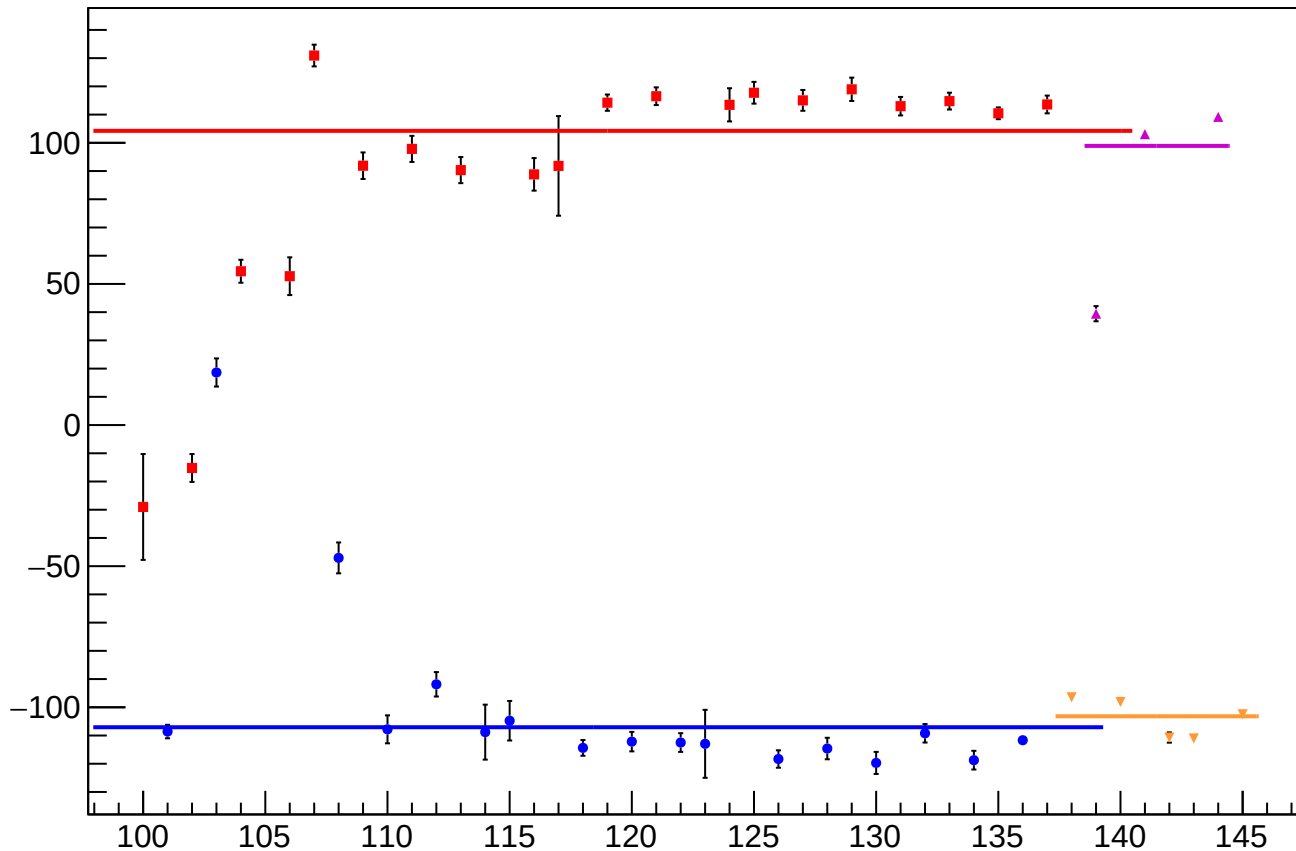
Left In: 98.177 ± 0.961 χ^2/NDF : 44.9/2

-84.707 ± 0.671 χ^2/NDF : 487.6/21

-13.014 ± 0.511 χ^2/NDF : 28416.9/44

86.069 ± 0.788 χ^2/NDF : 695.7/22

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -103.194 ± 0.689 χ^2/NDF : 73.2/4

Right Out: 104.240 ± 0.860 χ^2/NDF : 1019.1/19

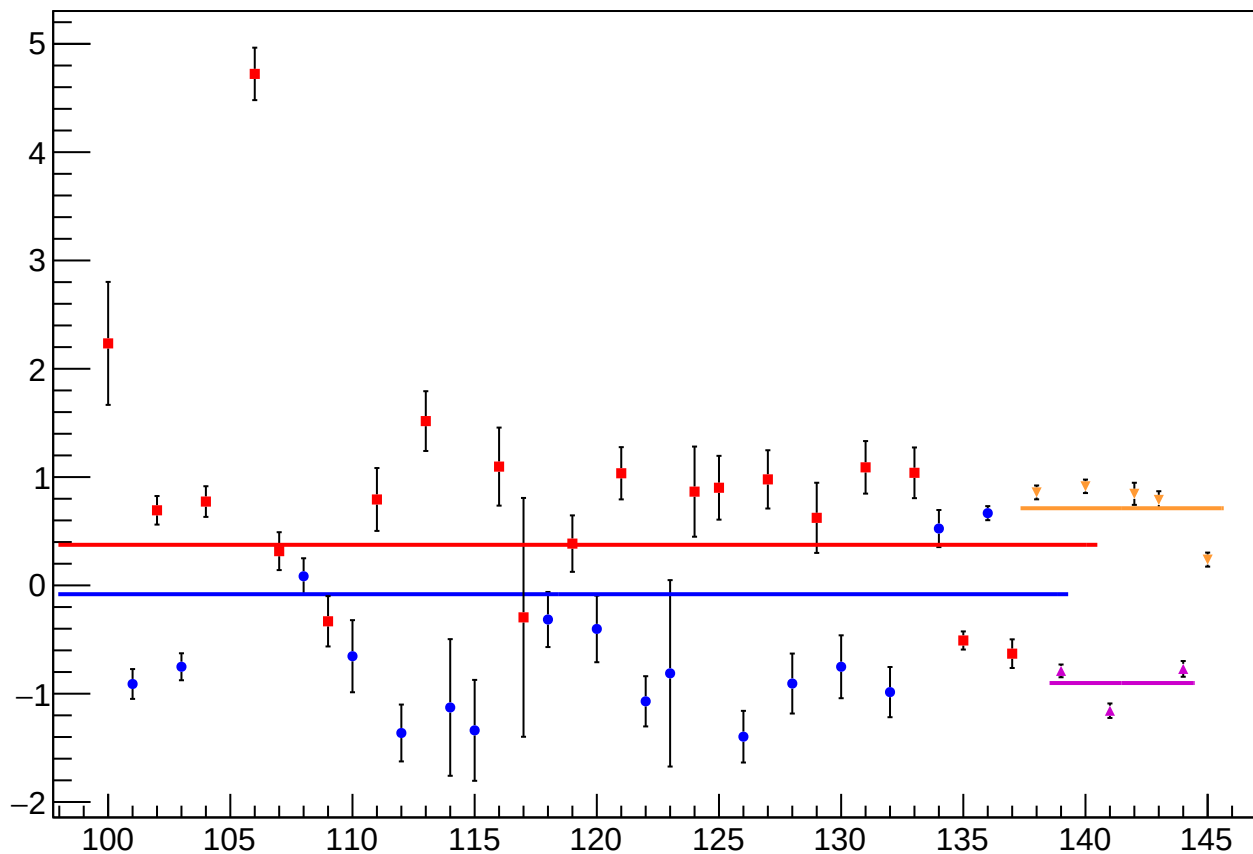
Left In: 98.908 ± 0.887 χ^2/NDF : 559.1/2

-104.817 ± 0.525 χ^2/NDF : 914.8/21

-18.126 ± 0.400 χ^2/NDF : 67380.0/44

101.657 ± 0.617 χ^2/NDF : 1596.9/22

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.712 ± 0.032 χ^2/NDF : 71.9/4

Right Out: 0.375 ± 0.044 χ^2/NDF : 583.4/19

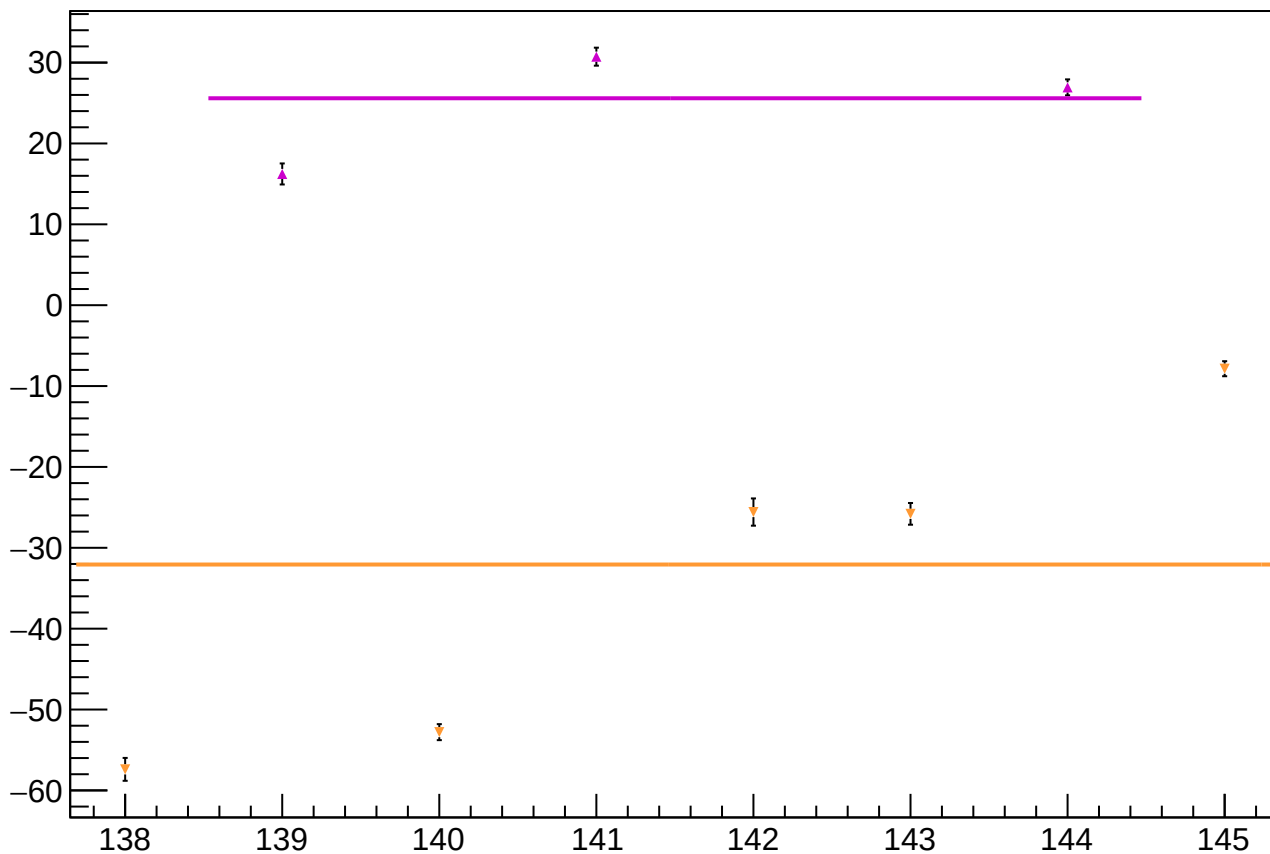
Left In: -0.902 ± 0.038 χ^2/NDF : 21.4/2

0.425 ± 0.025 χ^2/NDF : 627.0/21

0.081 ± 0.019 χ^2/NDF : 2136.8/44

-0.358 ± 0.029 χ^2/NDF : 1090.8/22

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: -32.068+/-0.528 χ^2/NDF : 1474.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

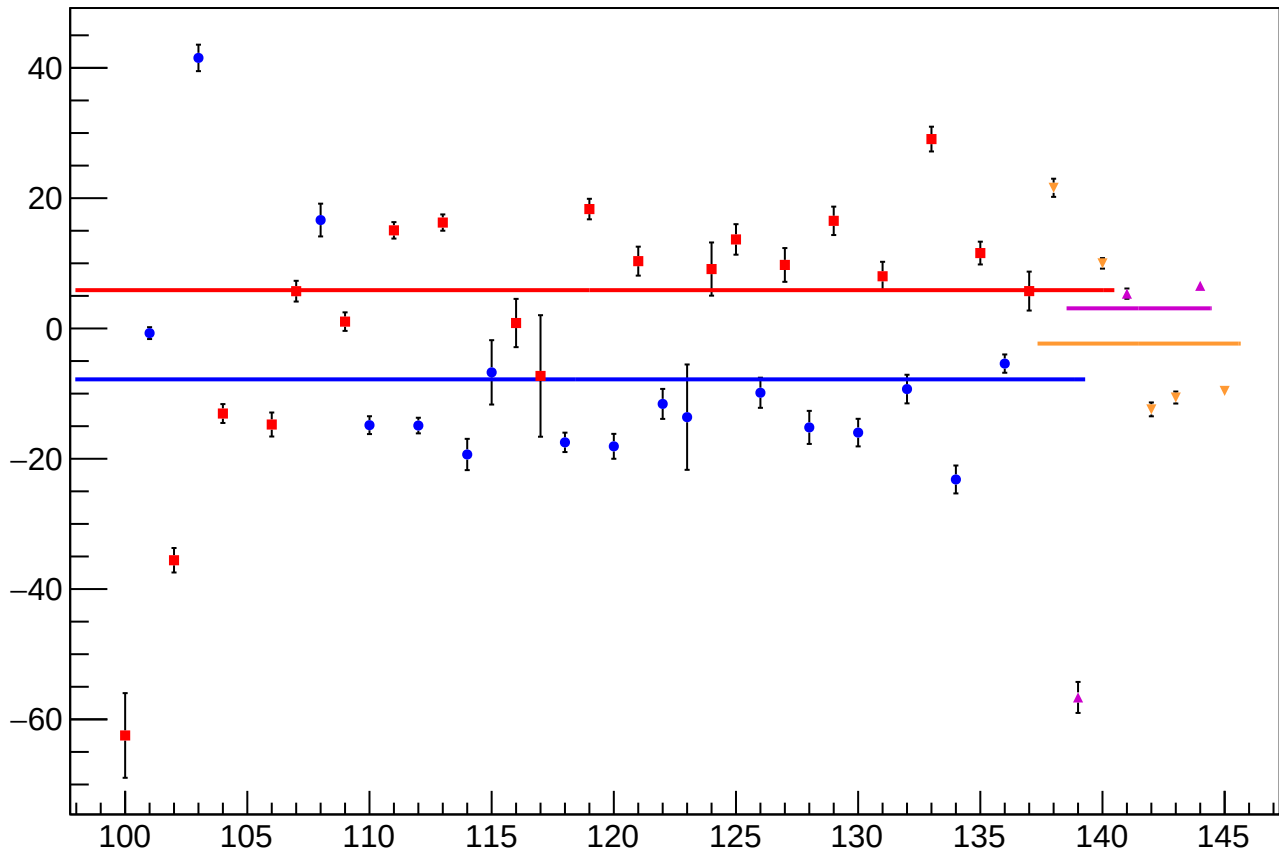
Left In: 25.588+/-0.642 χ^2/NDF : 75.1/2

-32.068+/-0.528 χ^2/NDF : 1474.2/4

-8.800+/-0.408 χ^2/NDF : 6357.7/7

25.588+/-0.642 χ^2/NDF : 75.1/2

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -2.320 ± 0.414 χ^2/NDF : 788.0/4

Right Out: 5.880 ± 0.429 χ^2/NDF : 1295.1/19

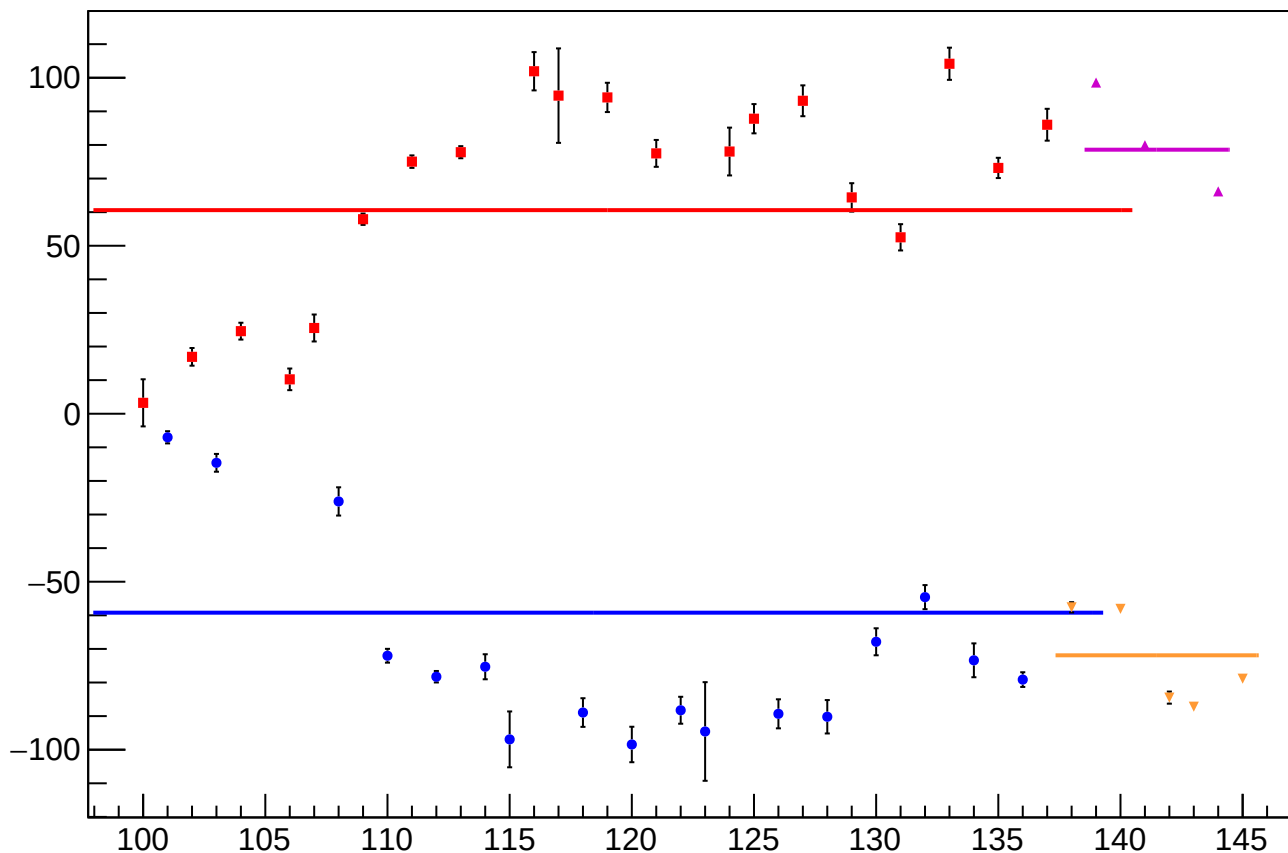
Left In: 3.091 ± 0.514 χ^2/NDF : 661.5/2

-4.981 ± 0.297 χ^2/NDF : 1855.9/21

-0.614 ± 0.221 χ^2/NDF : 4309.6/44

4.736 ± 0.329 χ^2/NDF : 1974.0/22

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.214+/-0.744 χ^2/NDF : 1720.4/16

Left Out: -71.904+/-0.563 χ^2/NDF : 471.3/4

Right Out: 60.598+/-0.703 χ^2/NDF : 1389.8/19

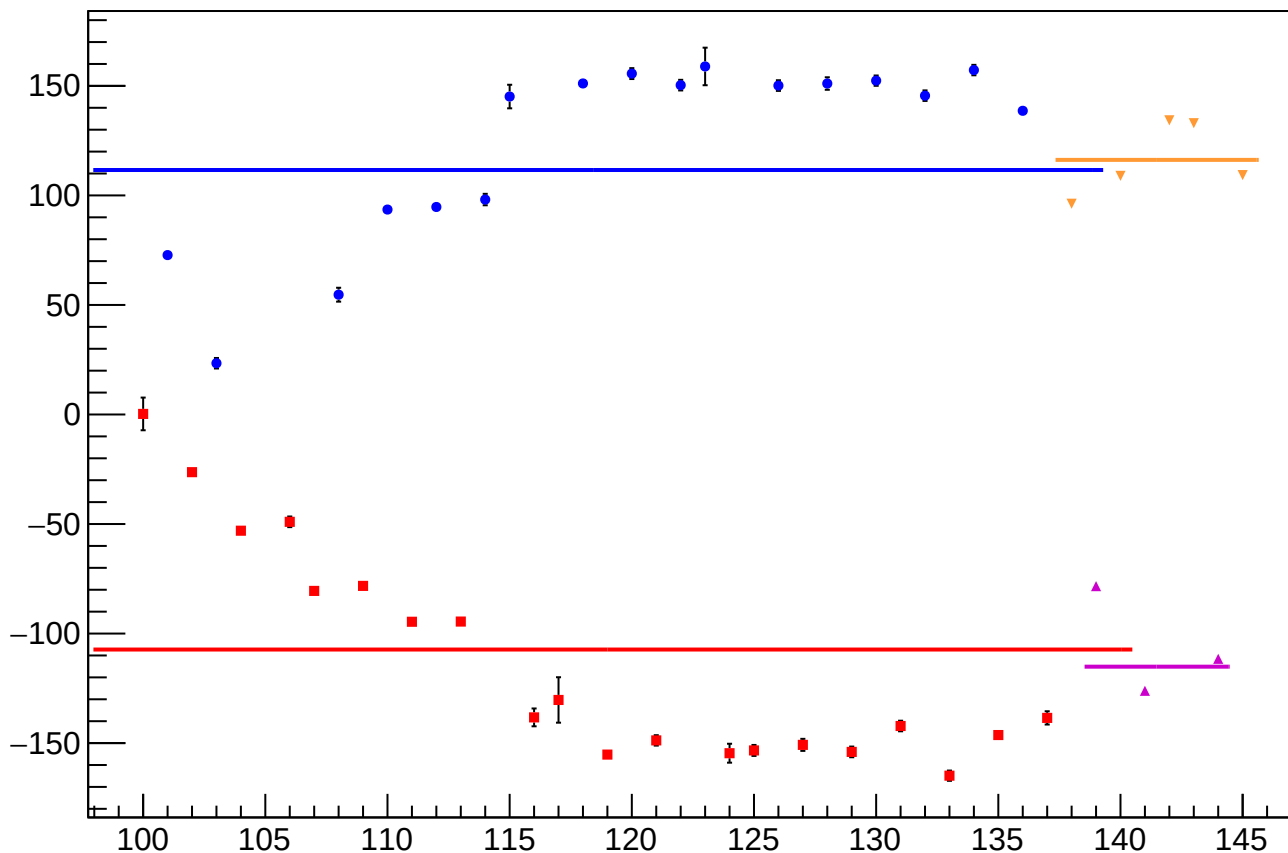
Left In: 78.589+/-0.688 χ^2/NDF : 341.4/2

-67.279+/-0.449 χ^2/NDF : 2376.8/21

-4.945+/-0.332 χ^2/NDF : 46822.0/44

69.796+/-0.492 χ^2/NDF : 2065.7/22

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599 ± 0.487 $\chi^2/\text{NDF}: 5959.5/16$

Left Out: 116.220 ± 0.491 $\chi^2/\text{NDF}: 698.5/4$

Right Out: -107.289 ± 0.487 $\chi^2/\text{NDF}: 7042.4/19$

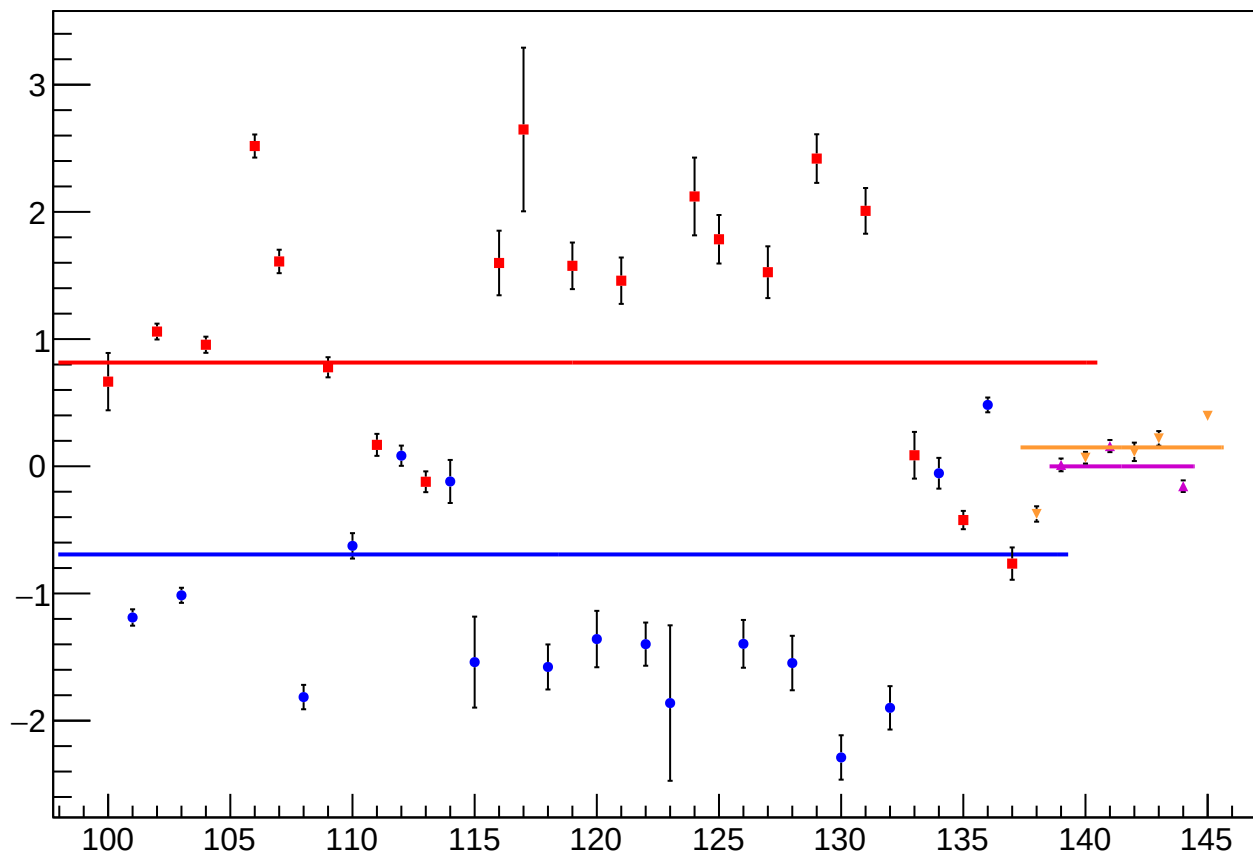
Left In: -115.115 ± 0.606 $\chi^2/\text{NDF}: 408.5/2$

113.890 ± 0.345 $\chi^2/\text{NDF}: 6702.8/21$

12.312 ± 0.256 $\chi^2/\text{NDF}: 205109.1/44$

-110.362 ± 0.380 $\chi^2/\text{NDF}: 7552.2/22$

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: 0.148 ± 0.023 χ^2/NDF : 120.9/4

Right Out: 0.815 ± 0.024 χ^2/NDF : 1318.8/19

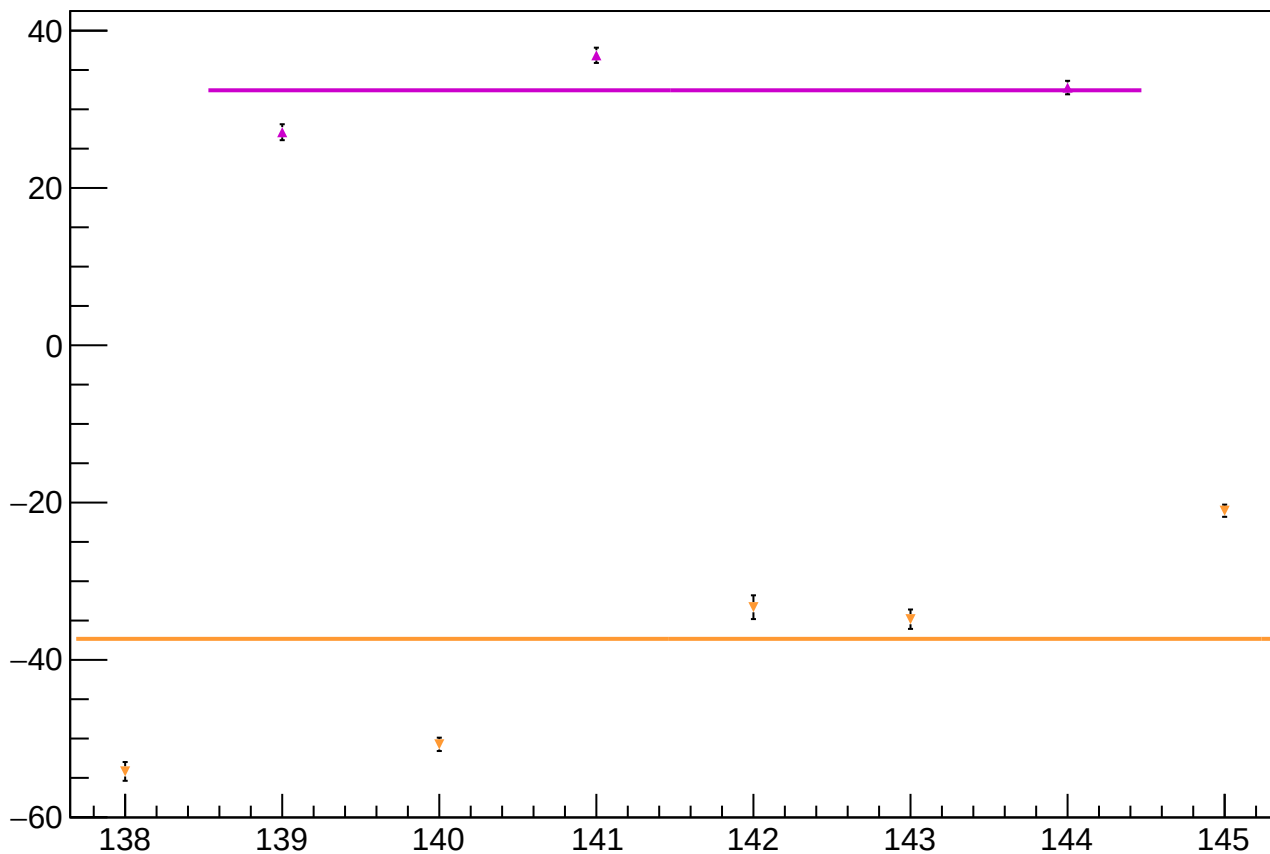
Left In: -0.001 ± 0.028 χ^2/NDF : 22.9/2

-0.222 ± 0.017 χ^2/NDF : 1710.5/21

0.096 ± 0.012 χ^2/NDF : 4285.7/44

0.458 ± 0.018 χ^2/NDF : 1834.5/22

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: -37.325+/-0.455 χ^2/NDF : 899.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

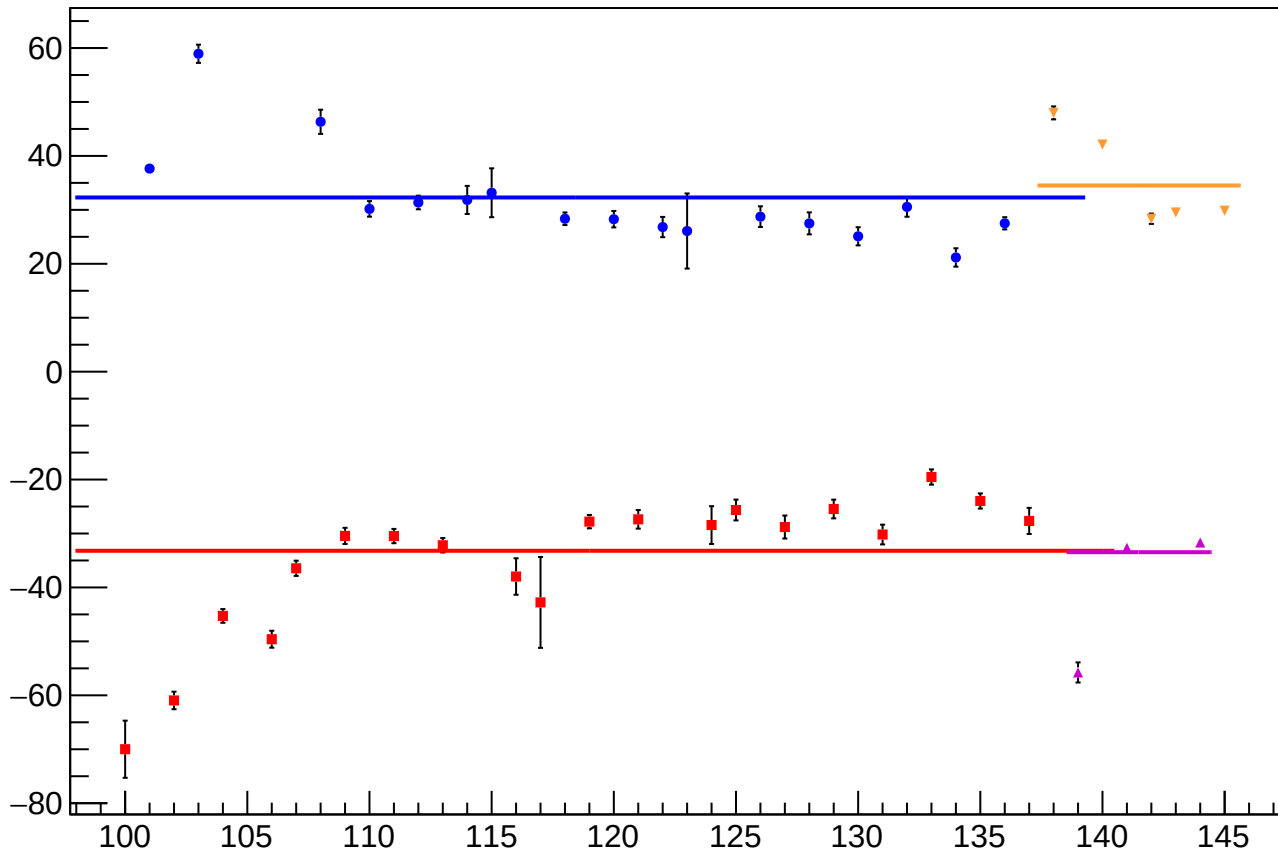
Left In: 32.419+/-0.543 χ^2/NDF : 48.8/2

-37.325+/-0.455 χ^2/NDF : 899.4/4

-8.597+/-0.349 χ^2/NDF : 10643.0/7

32.419+/-0.543 χ^2/NDF : 48.8/2

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295 $\pm$ 0.373 χ^2 /NDF: 452.2/16

Left Out: 34.518 $\pm$ 0.362 χ^2 /NDF: 372.0/4

Right Out: -33.199 $\pm$ 0.379 χ^2 /NDF: 771.6/19

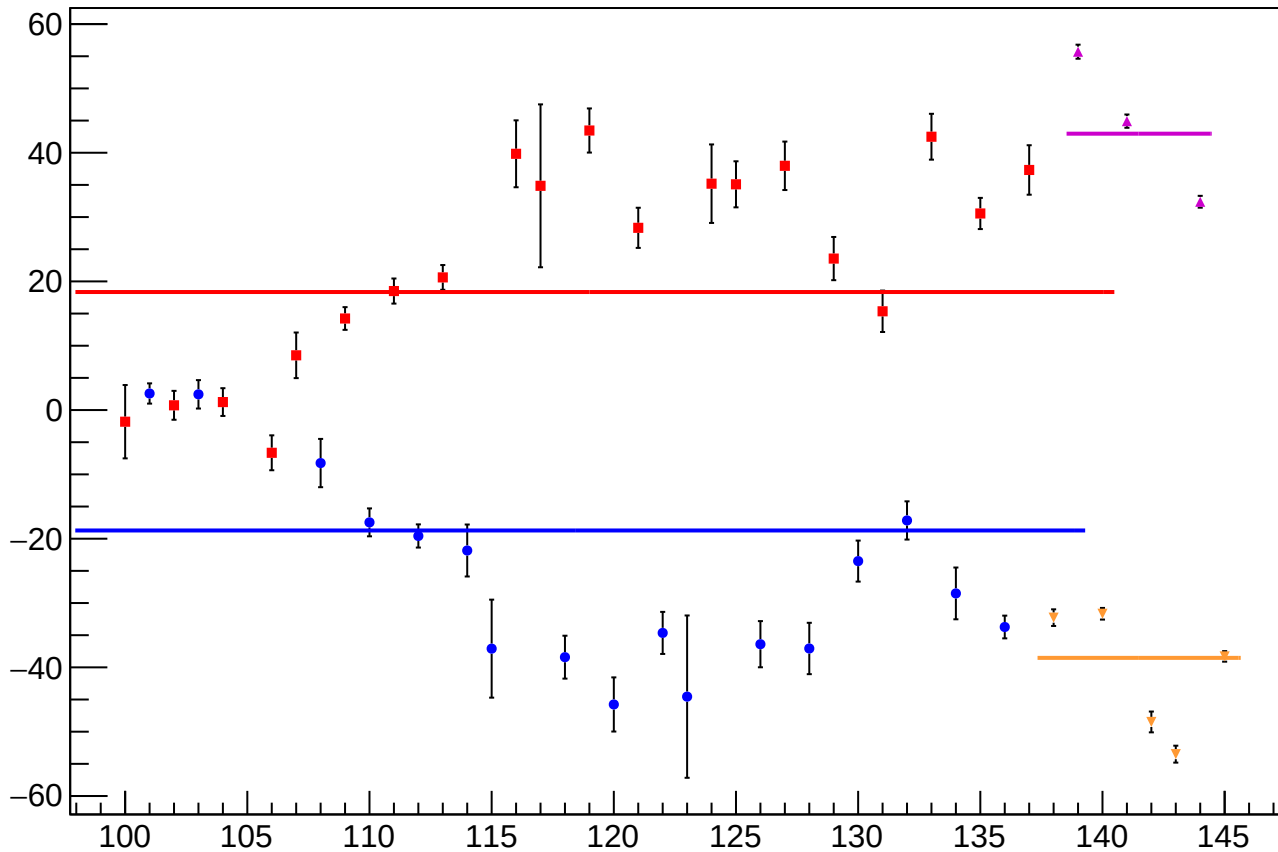
Left In: -33.465 $\pm$ 0.447 χ^2 /NDF: 152.7/2

33.438 $\pm$ 0.260 χ^2 /NDF: 842.5/21

3.614 $\pm$ 0.193 χ^2 /NDF: 31281.9/44

-33.310 $\pm$ 0.289 χ^2 /NDF: 924.5/22

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -38.525 ± 0.484 χ^2/NDF : 247.9/4

Right Out: 18.348 ± 0.643 χ^2/NDF : 474.3/19

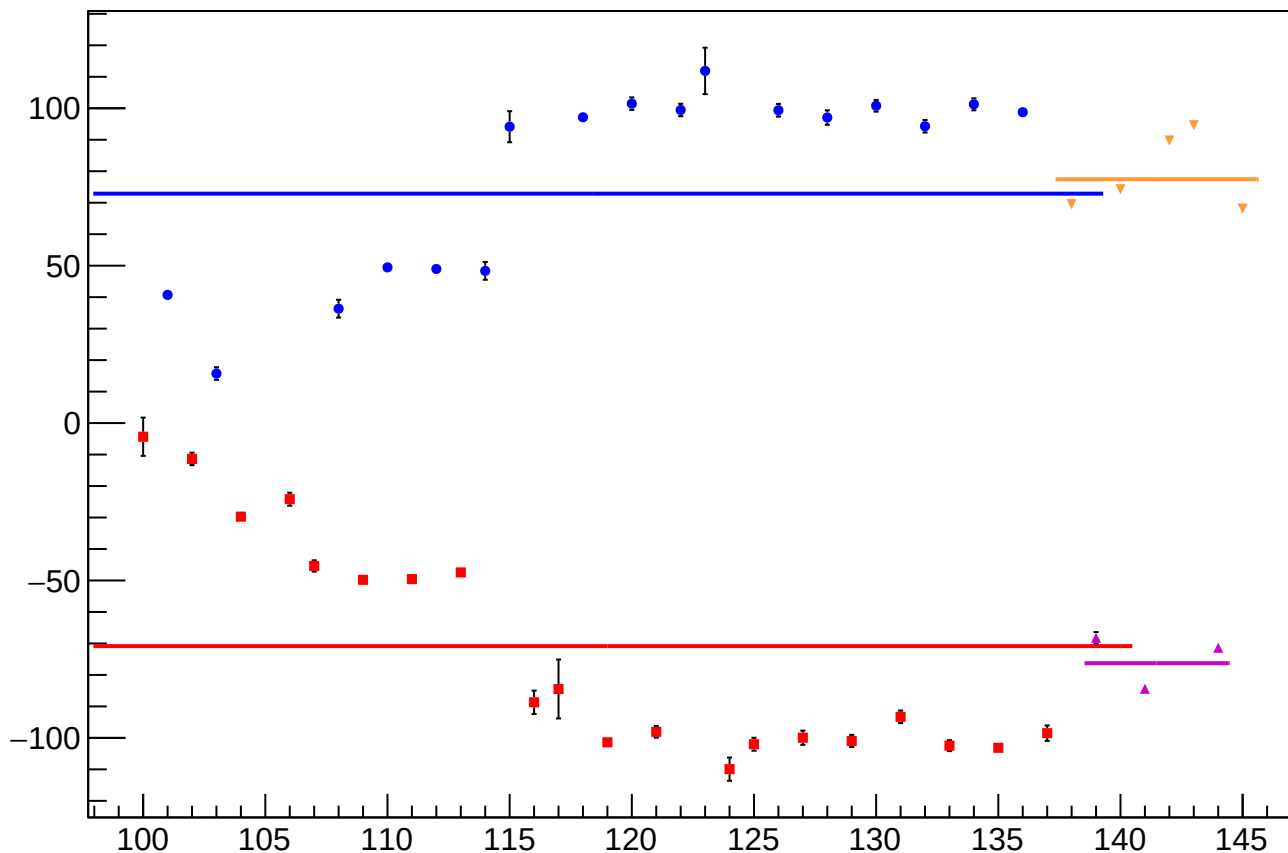
Left In: 42.963 ± 0.582 χ^2/NDF : 271.3/2

-31.668 ± 0.392 χ^2/NDF : 1346.7/21

-2.966 ± 0.290 χ^2/NDF : 14793.6/44

31.873 ± 0.431 χ^2/NDF : 1551.5/22

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.875 ± 0.426 $\chi^2/\text{NDF}: 4737.9/16$

Left Out: 77.443 ± 0.427 $\chi^2/\text{NDF}: 602.1/4$

Right Out: -70.844 ± 0.433 $\chi^2/\text{NDF}: 5491.4/19$

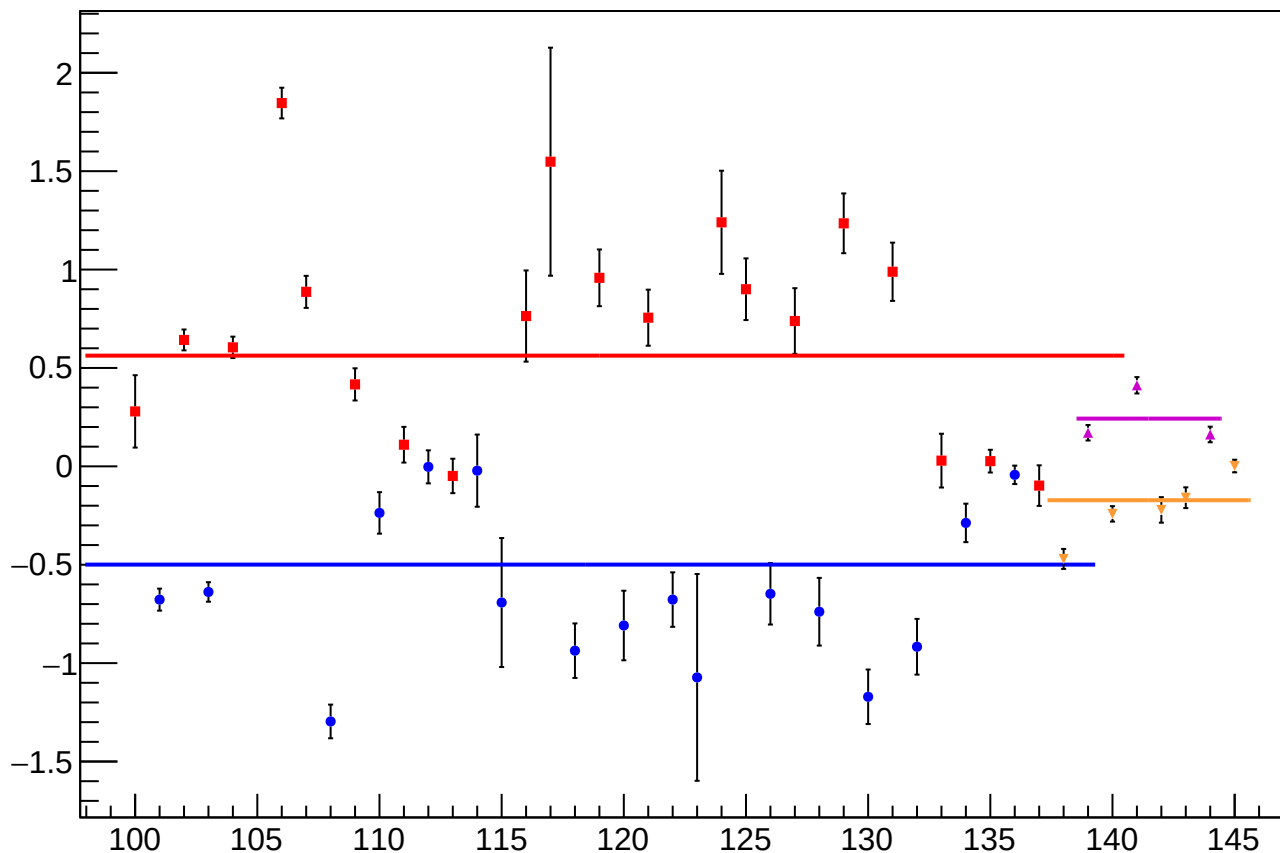
Left In: -76.267 ± 0.524 $\chi^2/\text{NDF}: 160.7/2$

75.151 ± 0.302 $\chi^2/\text{NDF}: 5397.4/21$

8.541 ± 0.224 $\chi^2/\text{NDF}: 119621.4/44$

-73.041 ± 0.334 $\chi^2/\text{NDF}: 5715.7/22$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.172 ± 0.020 χ^2/NDF : 67.4/4

Right Out: 0.563 ± 0.021 χ^2/NDF : 565.2/19

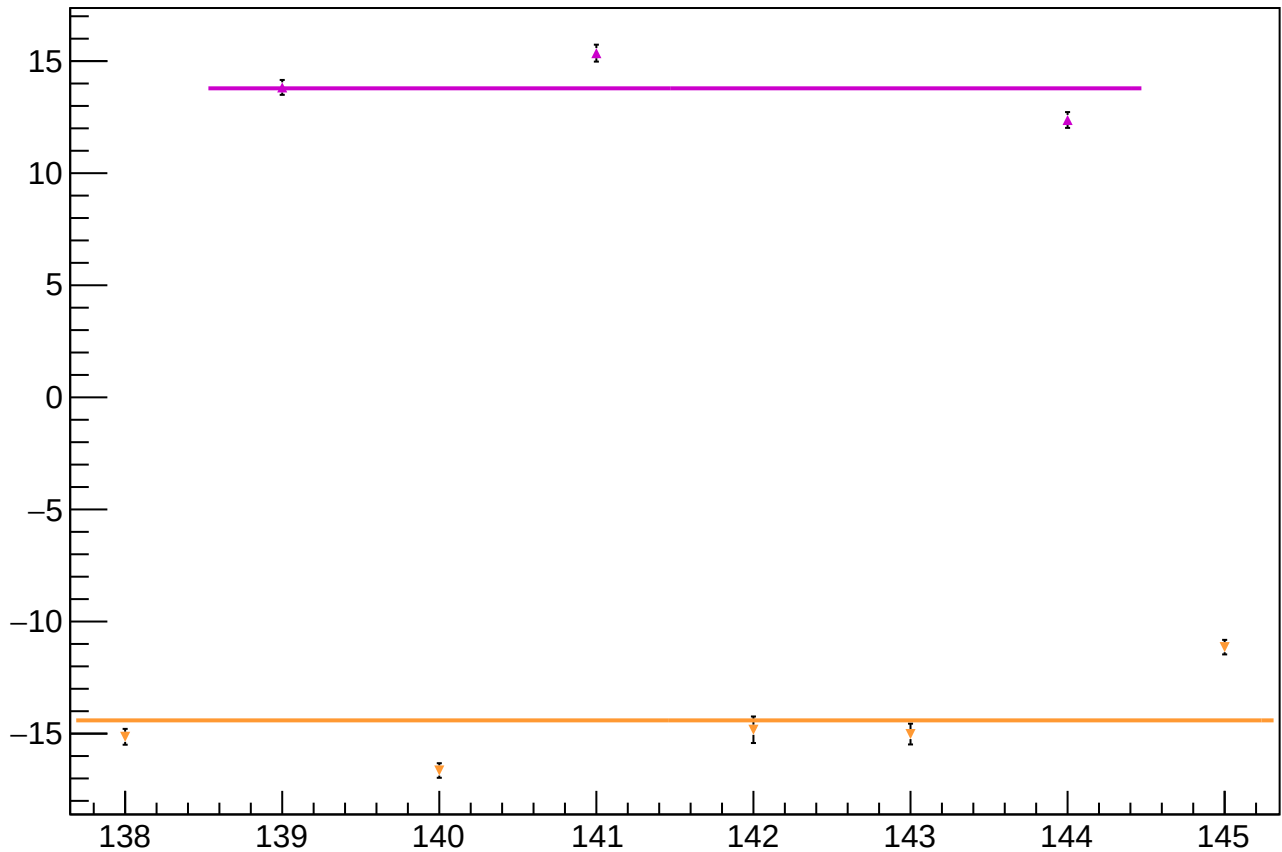
Left In: 0.243 ± 0.023 χ^2/NDF : 24.1/2

-0.315 ± 0.015 χ^2/NDF : 492.3/21

0.027 ± 0.011 χ^2/NDF : 2334.3/44

0.415 ± 0.016 χ^2/NDF : 692.3/22

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: -14.409+/-0.170 χ^2/NDF : 155.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

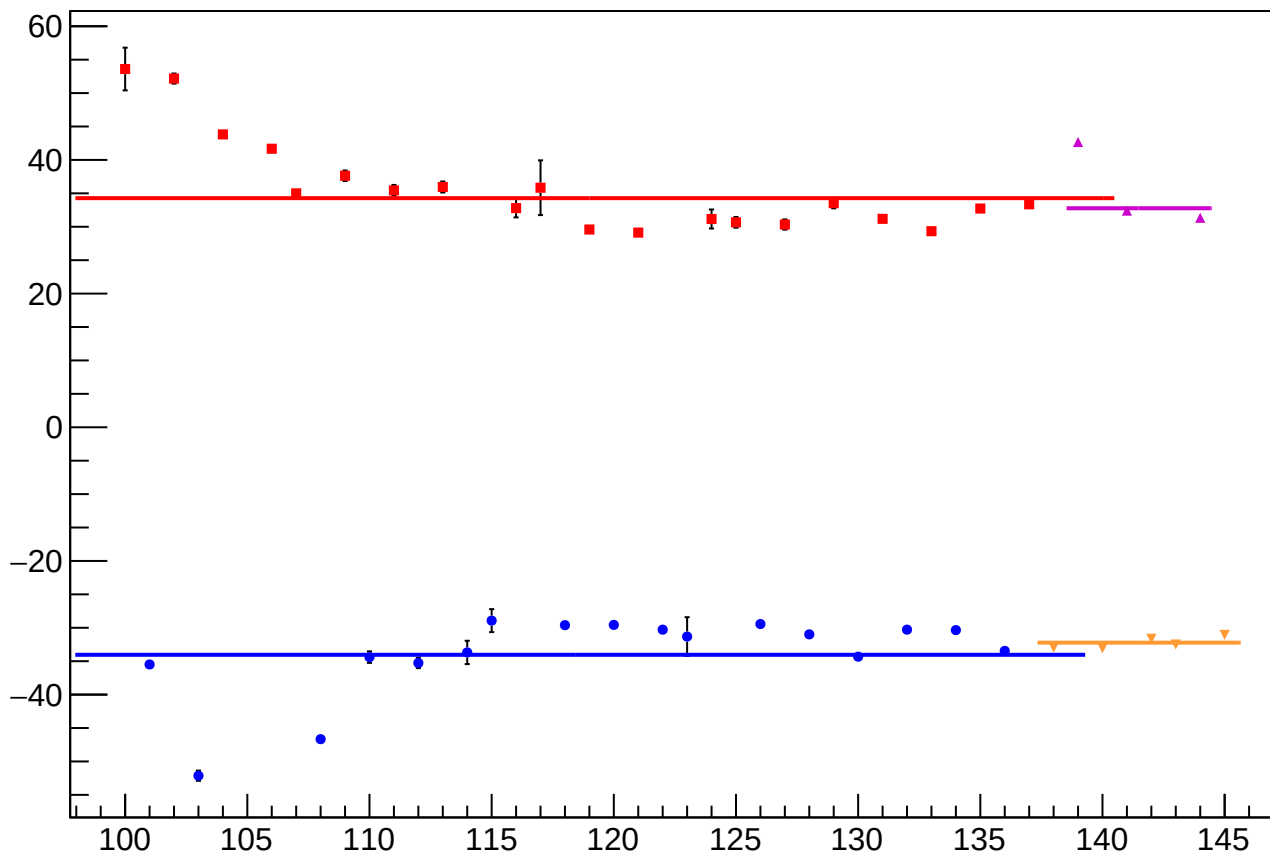
Left In: 13.785+/-0.204 χ^2/NDF : 33.3/2

-14.409+/-0.170 χ^2/NDF : 155.0/4

-2.797+/-0.131 χ^2/NDF : 11461.1/7

13.785+/-0.204 χ^2/NDF : 33.3/2

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.042±/0.151 χ^2/NDF : 1340.8/16

Left Out: -32.226±/0.138 χ^2/NDF : 35.8/4

Right Out: 34.279±/0.151 χ^2/NDF : 1349.6/19

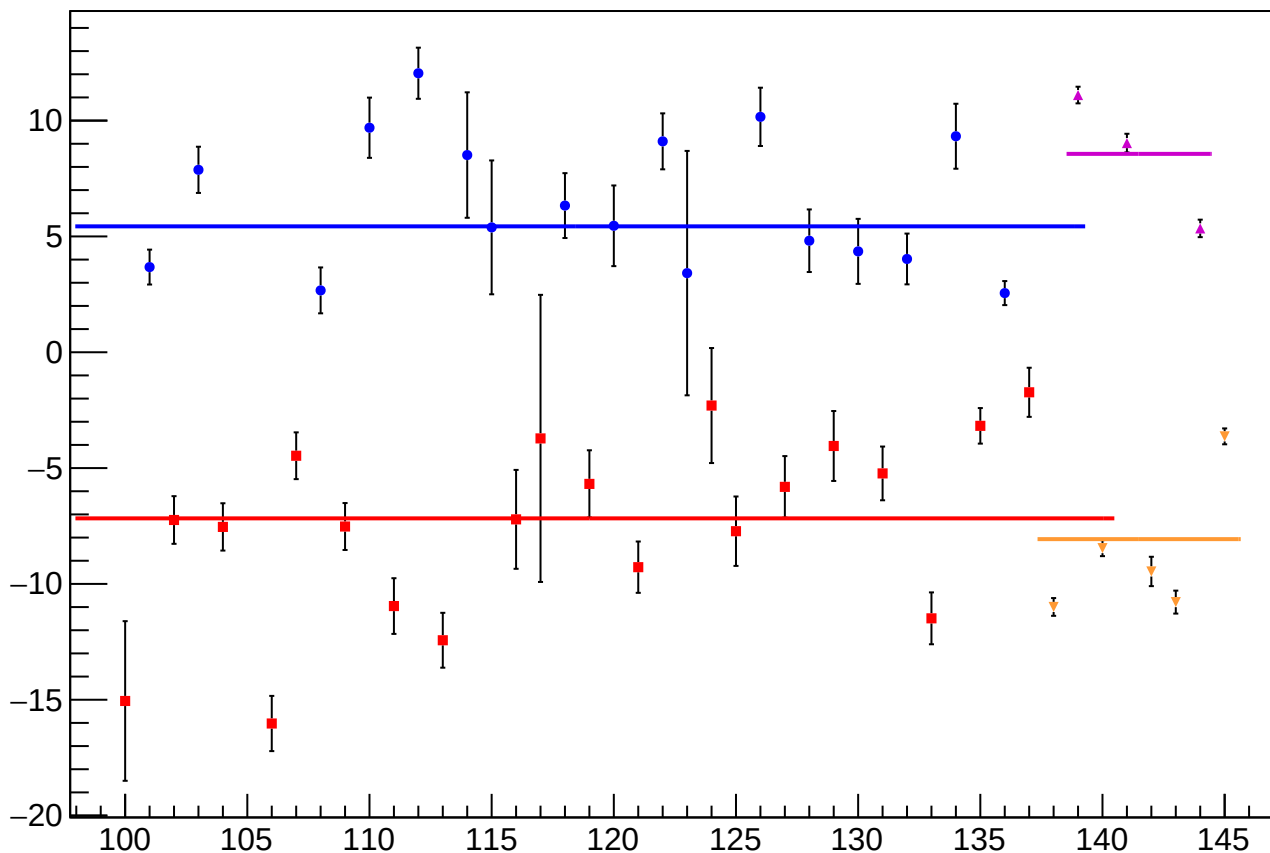
Left In: 32.768±/0.177 χ^2/NDF : 301.4/2

-33.057±/0.102 χ^2/NDF : 1455.3/21

-3.609±/0.076 χ^2/NDF : 192096.7/44

33.643±/0.115 χ^2/NDF : 1693.3/22

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435 $\pm$ 0.270 χ^2 /NDF: 132.0/16

Left Out: -8.067 $\pm$ 0.182 χ^2 /NDF:261.8/4

Right Out: -7.171 $\pm$ 0.274 χ^2 /NDF: 182.9/19

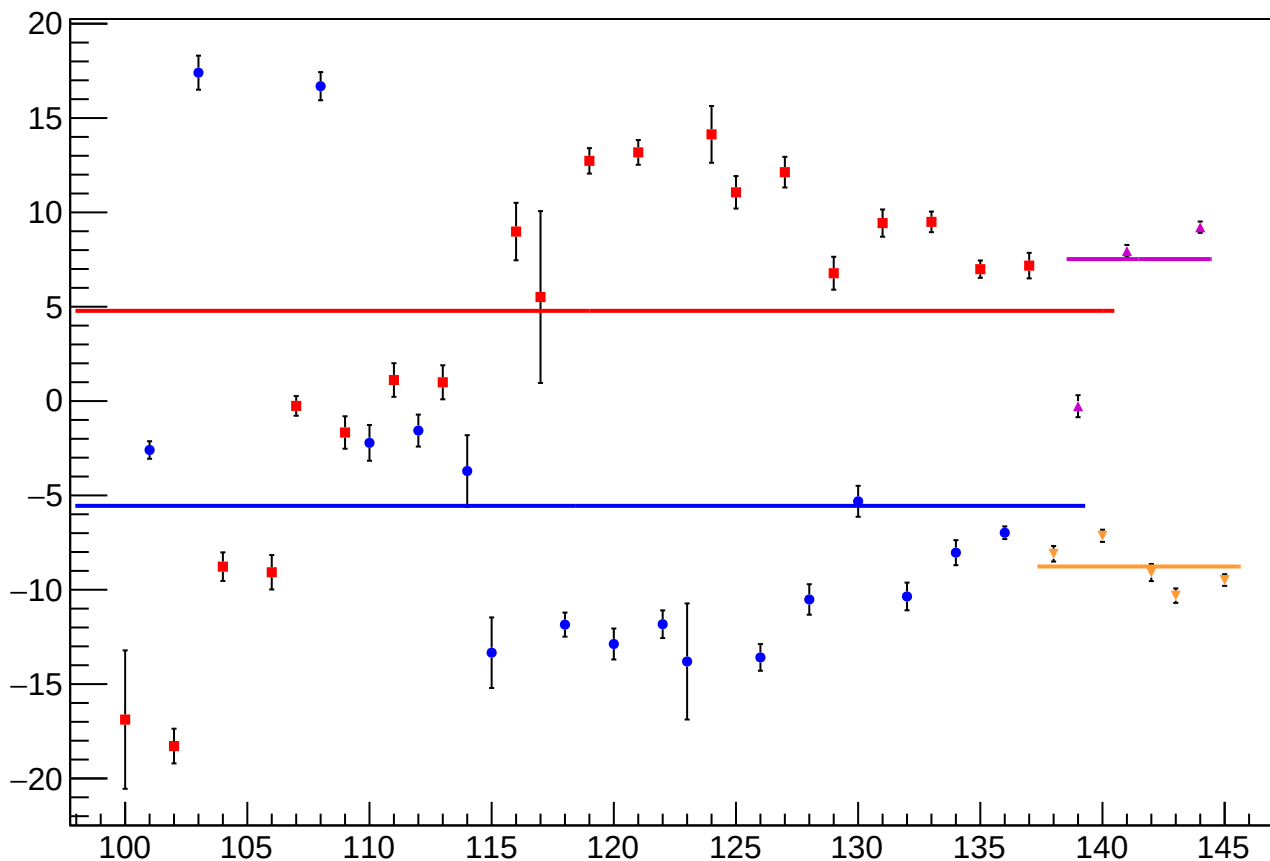
Left In: 8.564 $\pm$ 0.218 χ^2 /NDF:123.9/2

-3.839 $\pm$ 0.151 χ^2 /NDF: 2117.0/21

-1.085 $\pm$ 0.113 χ^2 /NDF: 5201.5/44

2.446 $\pm$ 0.171 χ^2 /NDF: 2323.6/22

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 $\pm$ 0.170 χ^2 /NDF: 2125.3/16

Left Out: -8.767 $\pm$ 0.163 χ^2 /NDF: 50.2/4

Right Out: 4.783 $\pm$ 0.173 χ^2 /NDF: 2040.4/19

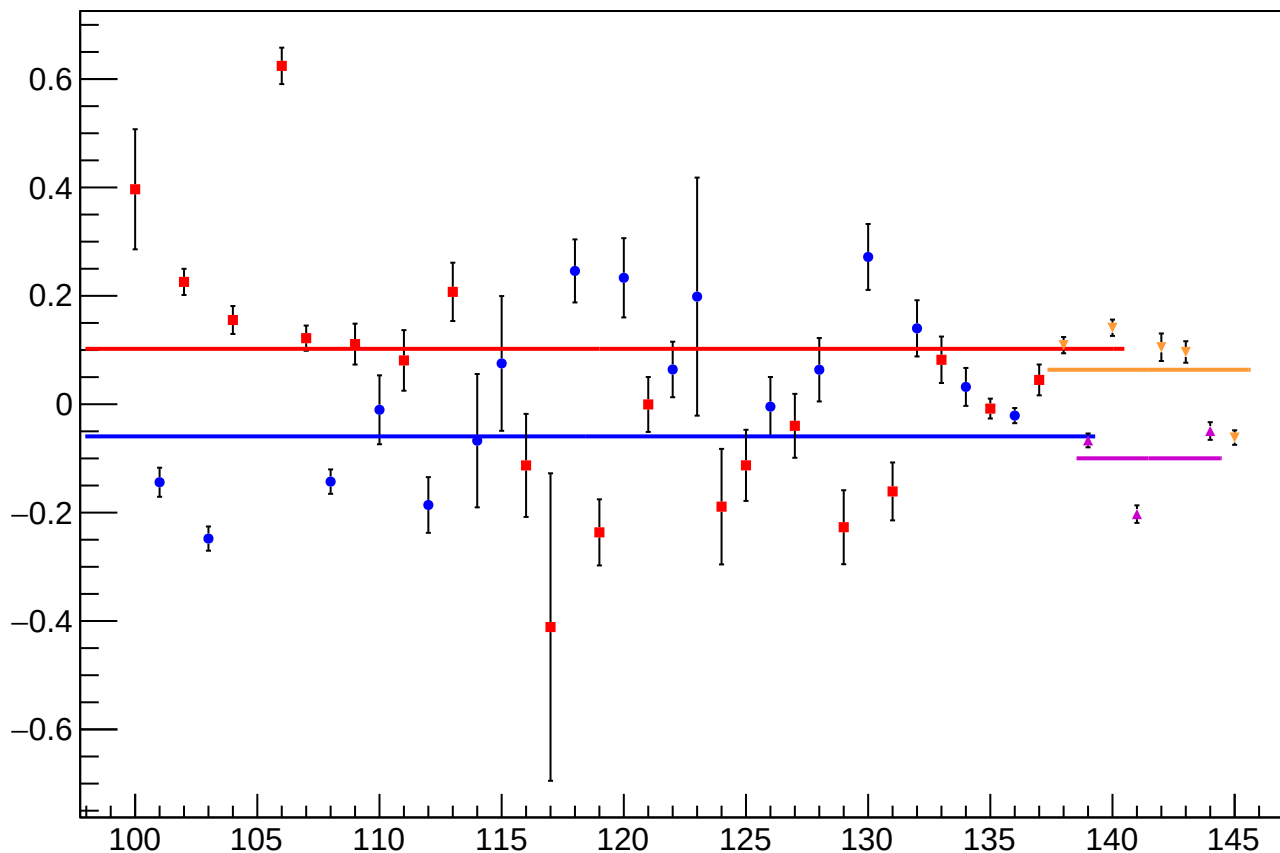
Left In: 7.526 $\pm$ 0.206 χ^2 /NDF: 212.2/2

-7.226 $\pm$ 0.118 χ^2 /NDF: 2361.7/21

-1.422 $\pm$ 0.088 χ^2 /NDF: 10229.6/44

5.916 $\pm$ 0.132 χ^2 /NDF: 2356.8/22

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Left Out: 0.064 ± 0.007 χ^2/NDF : 127.8/4

Right Out: 0.102 ± 0.008 χ^2/NDF : 438.8/19

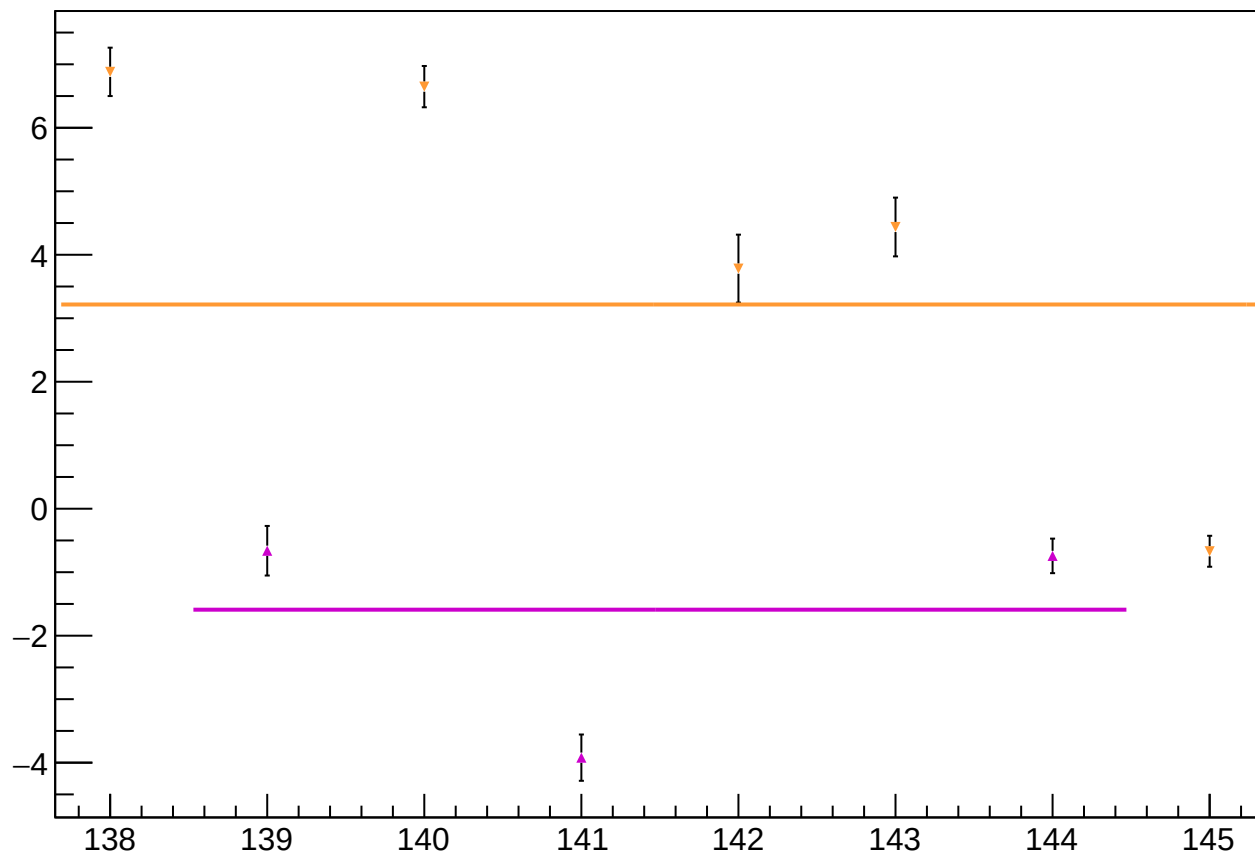
Left In: -0.100 ± 0.009 χ^2/NDF : 56.7/2

0.010 ± 0.006 χ^2/NDF : 466.8/21

0.007 ± 0.004 χ^2/NDF : 1247.2/44

0.003 ± 0.006 χ^2/NDF : 779.5/22

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 3.217 $\pm$ 0.156 χ^2 /NDF: 465.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

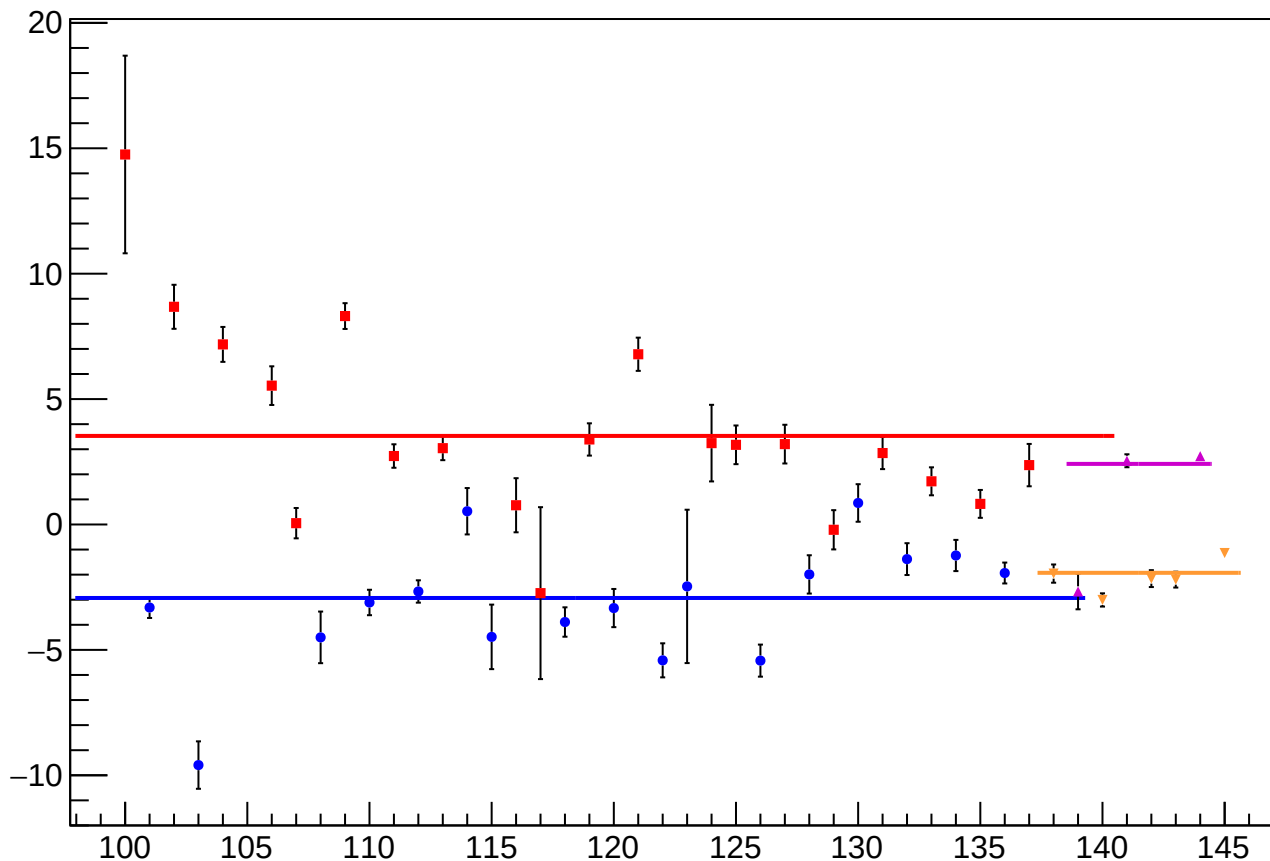
Left In: -1.590 $\pm$ 0.190 χ^2 /NDF: 56.2/2

3.217 $\pm$ 0.156 χ^2 /NDF: 465.9/4

1.292 $\pm$ 0.120 χ^2 /NDF: 904.3/7

-1.590 $\pm$ 0.190 χ^2 /NDF: 56.2/2

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.927 ± 0.123 χ^2/NDF : 34.2/4

Right Out: 3.531 ± 0.154 χ^2/NDF : 295.0/19

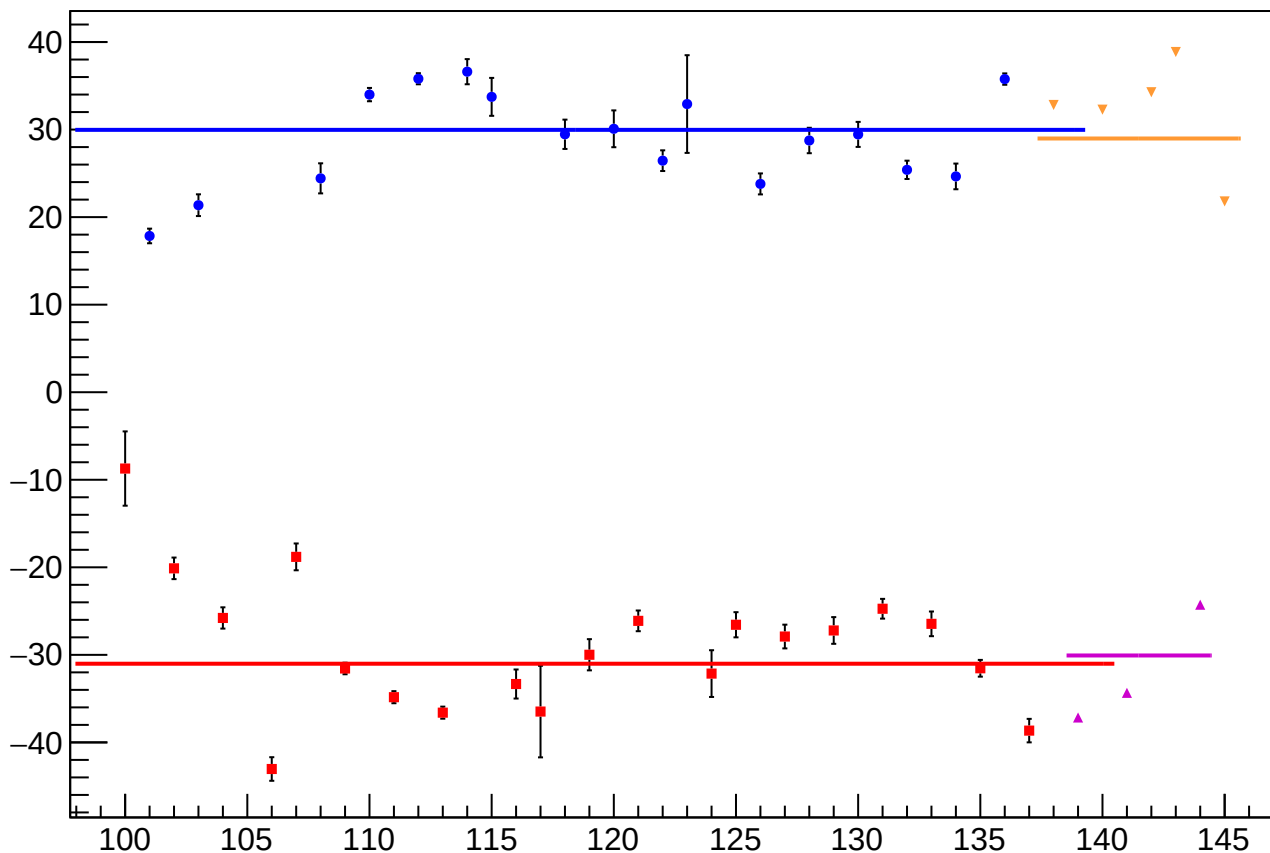
Left In: 2.416 ± 0.152 χ^2/NDF : 53.6/2

-2.316 ± 0.096 χ^2/NDF : 206.7/21

0.004 ± 0.072 χ^2/NDF : 1914.8/44

2.964 ± 0.108 χ^2/NDF : 375.2/22

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

Left Out: 28.981 ± 0.166 $\chi^2/\text{NDF}: 1427.9/4$

Right Out: -31.013 ± 0.260 $\chi^2/\text{NDF}: 480.6/19$

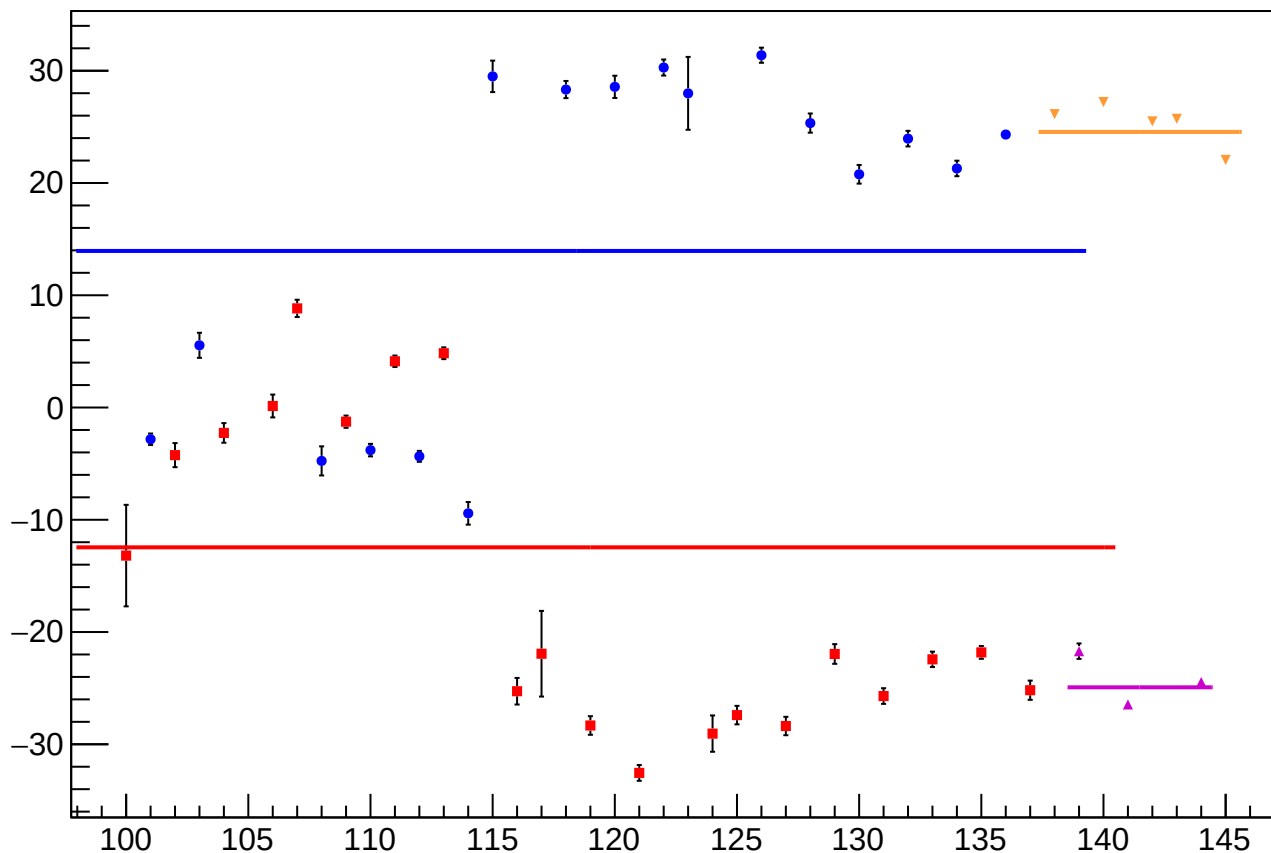
Left In: -30.071 ± 0.204 $\chi^2/\text{NDF}: 797.8/2$

29.257 ± 0.141 $\chi^2/\text{NDF}: 1992.1/21$

3.230 ± 0.106 $\chi^2/\text{NDF}: 81326.3/44$

-30.431 ± 0.160 $\chi^2/\text{NDF}: 1286.5/22$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 24.553 $\pm$ 0.145 χ^2 /NDF: 219.3/4

Right Out: -12.455 $\pm$ 0.173 χ^2 /NDF: 6969.0/19

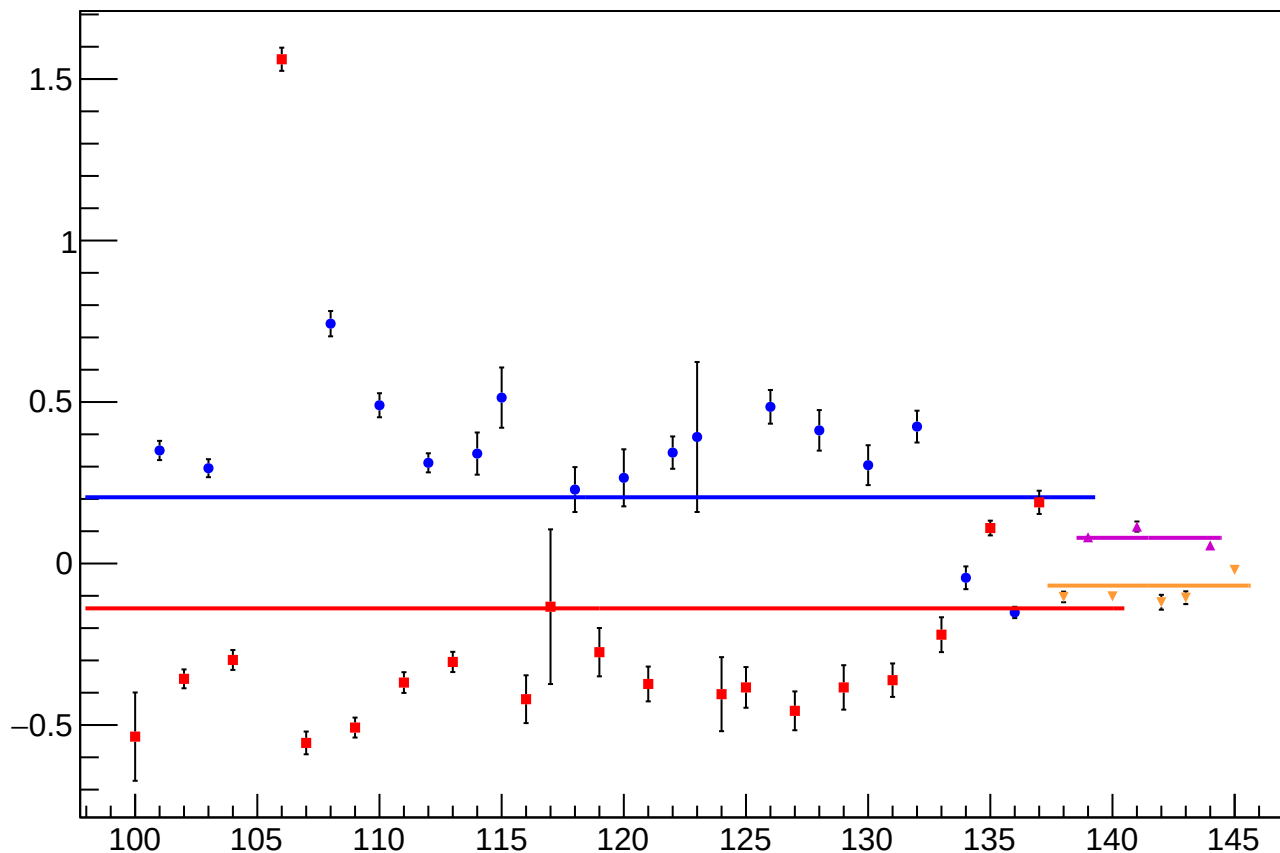
Left In: -24.927 $\pm$ 0.179 χ^2 /NDF: 50.0/2

20.156 $\pm$ 0.111 χ^2 /NDF: 9837.5/21

3.093 $\pm$ 0.083 χ^2 /NDF: 73151.8/44

-18.498 $\pm$ 0.125 χ^2 /NDF: 9523.2/22

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.2/16$

Left Out: -0.068 ± 0.007 $\chi^2/\text{NDF}: 40.8/4$

Right Out: -0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.8/19$

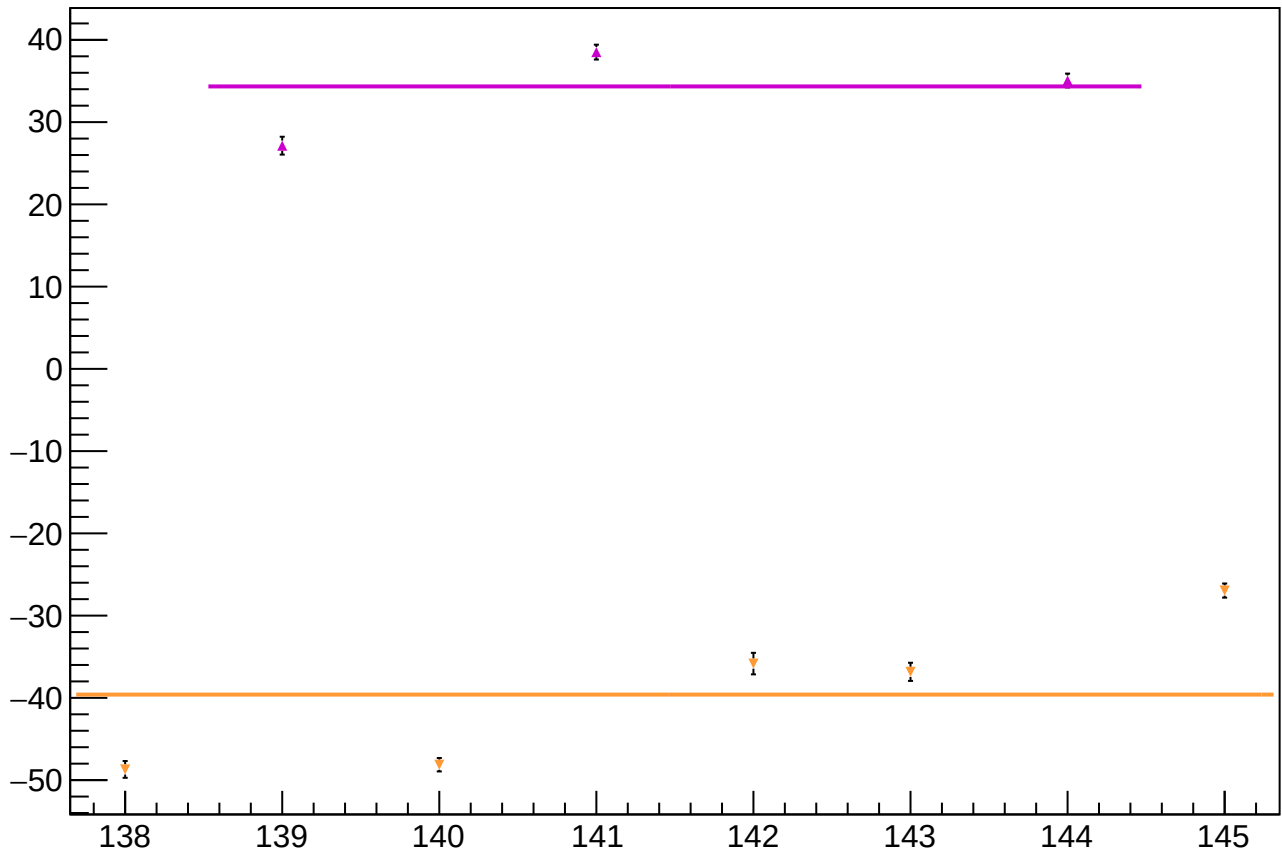
Left In: 0.080 ± 0.008 $\chi^2/\text{NDF}: 8.5/2$

0.025 ± 0.005 $\chi^2/\text{NDF}: 1450.8/21$

0.006 ± 0.004 $\chi^2/\text{NDF}: 4816.6/44$

-0.017 ± 0.006 $\chi^2/\text{NDF}: 3339.8/22$

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: -39.602+/-0.438 χ^2/NDF : 419.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

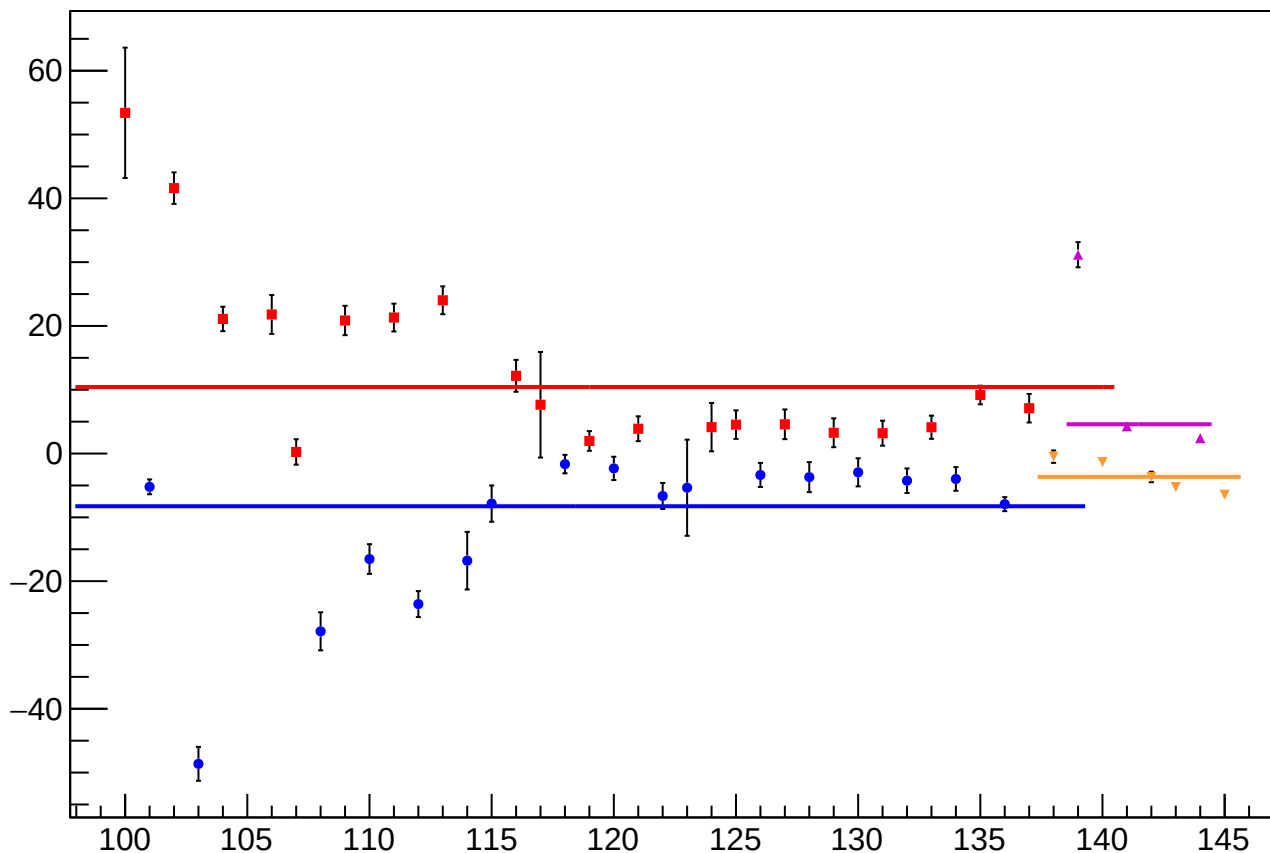
Left In: 34.340+/-0.536 χ^2/NDF : 66.1/2

-39.602+/-0.438 χ^2/NDF : 419.2/4

-9.992+/-0.339 χ^2/NDF : 11909.6/7

34.340+/-0.536 χ^2/NDF : 66.1/2

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -3.653 ± 0.340 χ^2/NDF : 43.6/4

Right Out: 10.437 ± 0.490 χ^2/NDF : 428.5/19

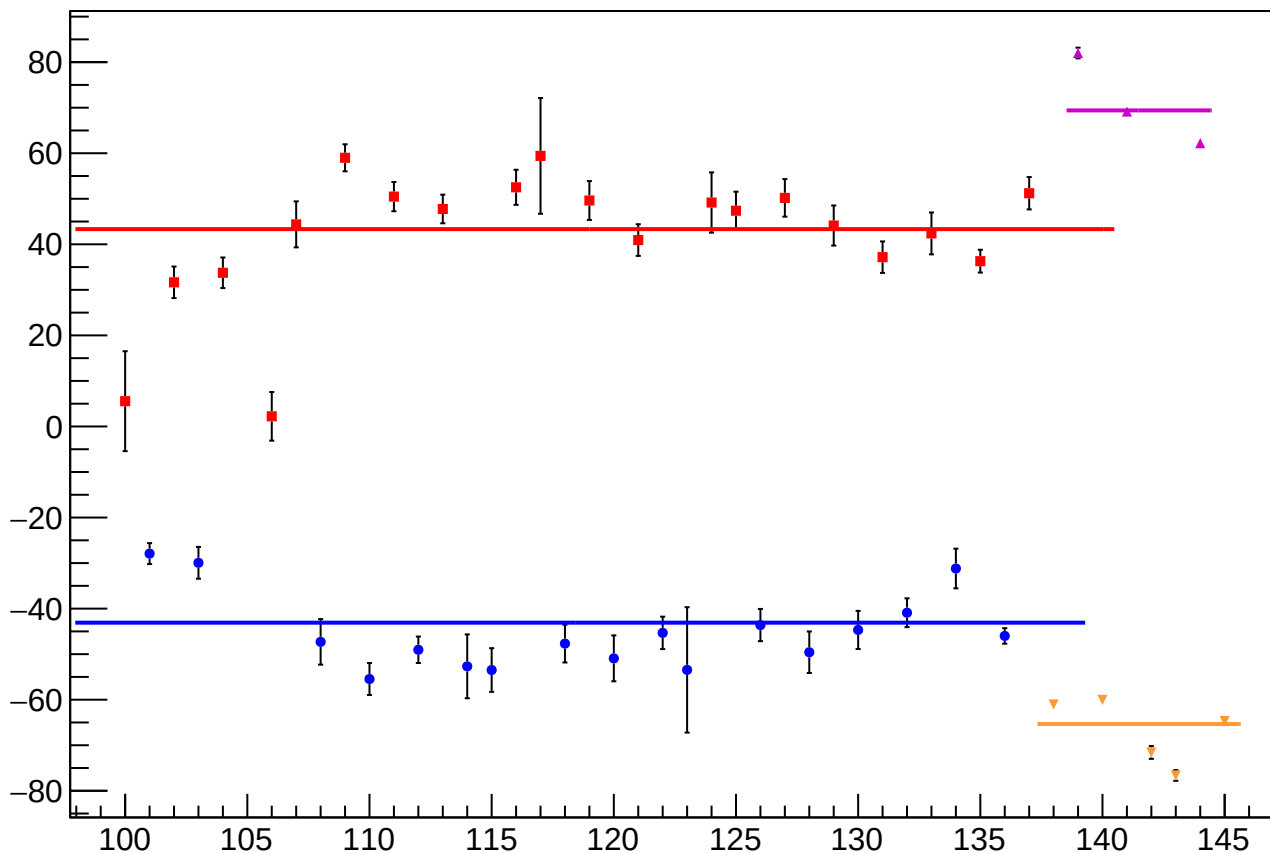
Left In: 4.593 ± 0.427 χ^2/NDF : 195.3/2

-5.273 ± 0.274 χ^2/NDF : 520.0/21

-0.069 ± 0.209 χ^2/NDF : 2082.5/44

7.113 ± 0.322 χ^2/NDF : 704.6/22

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.082±/0.834 χ^2/NDF : 99.2/16

Left Out: -65.344±/0.468 χ^2/NDF :164.7/4

Right Out: 43.337±/0.864 χ^2/NDF : 155.8/19

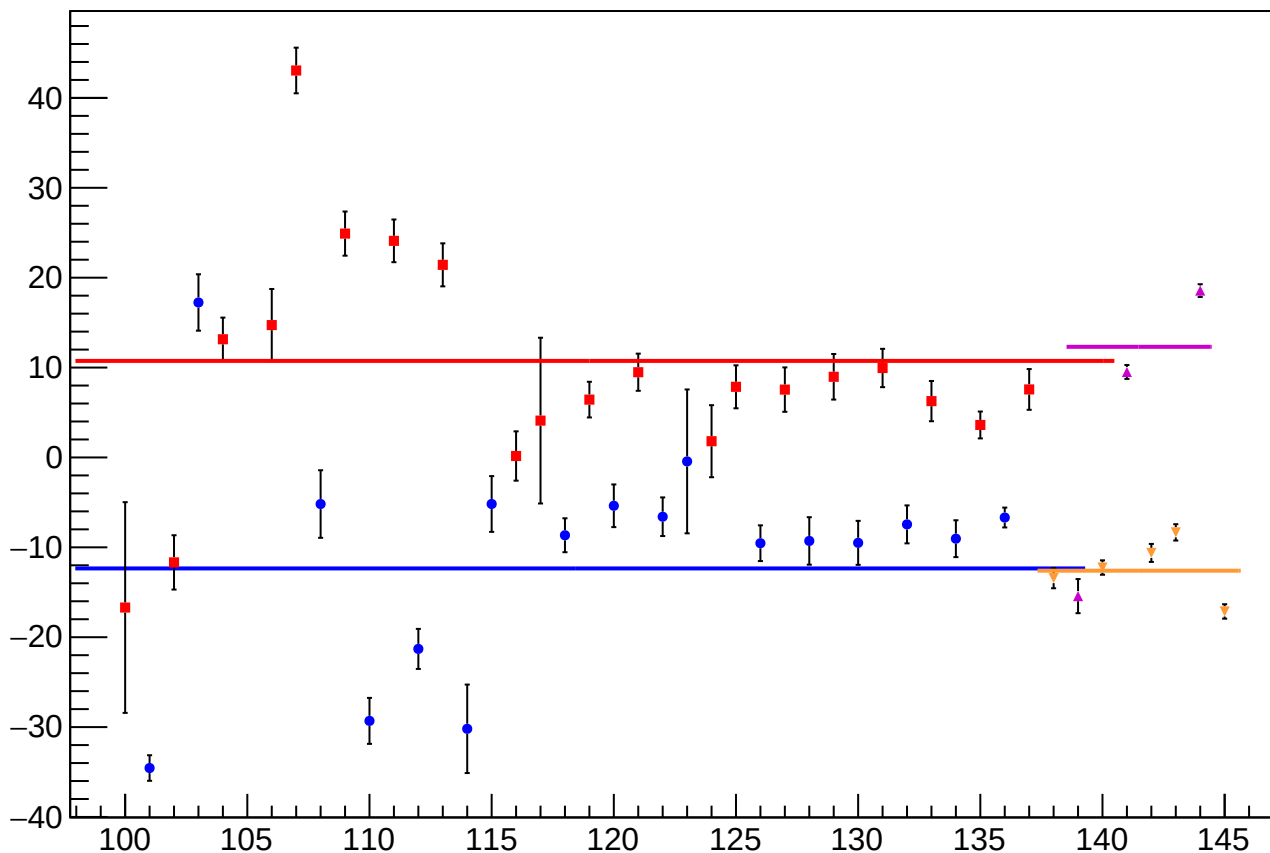
Left In: 69.406±/0.573 χ^2/NDF :179.3/2

-60.019±/0.408 χ^2/NDF : 805.6/21

-8.806±/0.310 χ^2/NDF : 39134.6/44

61.440±/0.478 χ^2/NDF : 966.7/22

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348 ± 0.520 χ^2/NDF : 475.9/16

Left Out: -12.599 ± 0.405 χ^2/NDF : 58.5/4

Right Out: 10.741 ± 0.553 χ^2/NDF : 367.2/19

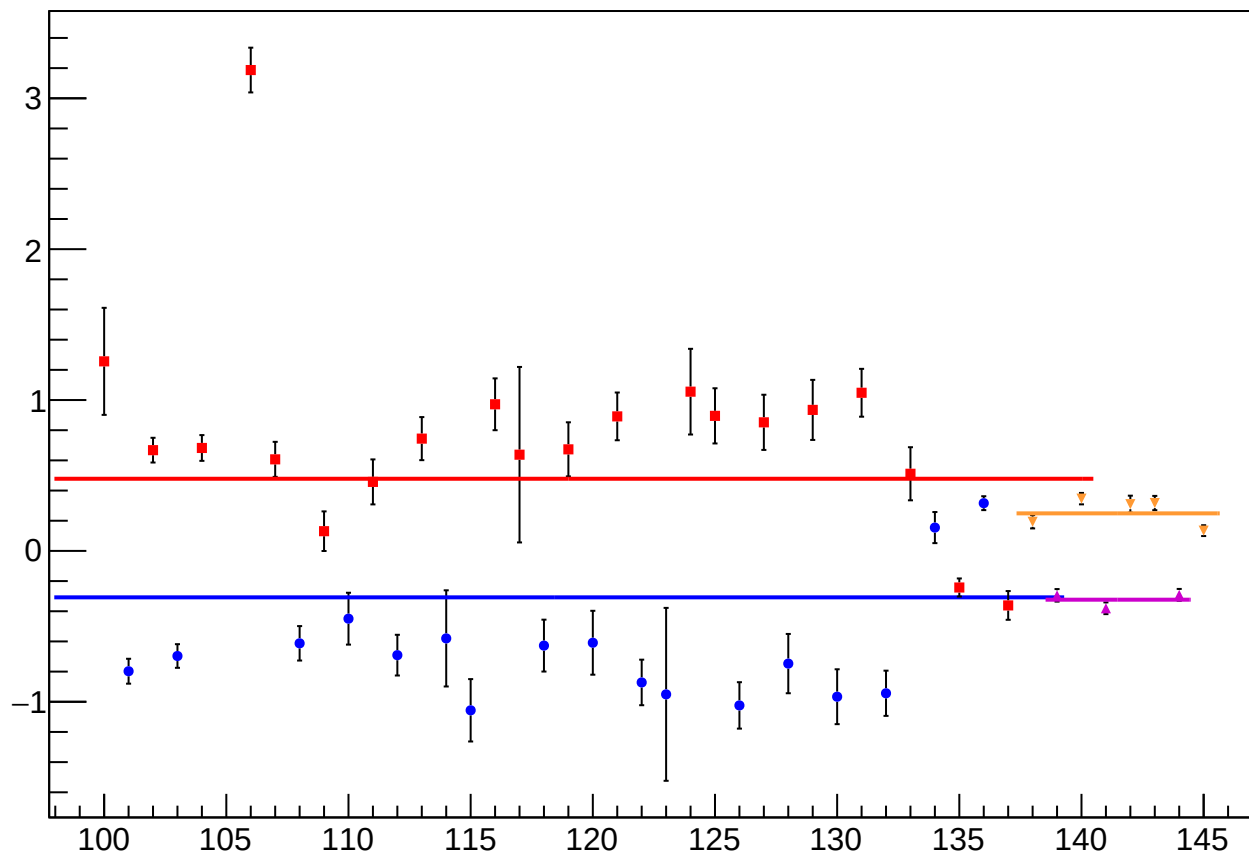
Left In: 12.310 ± 0.504 χ^2/NDF : 304.1/2

-12.504 ± 0.319 χ^2/NDF : 534.6/21

-2.295 ± 0.242 χ^2/NDF : 3622.4/44

11.596 ± 0.373 χ^2/NDF : 675.7/22

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.249 ± 0.019 χ^2/NDF : 21.7/4

Right Out: 0.478 ± 0.028 χ^2/NDF : 631.3/19

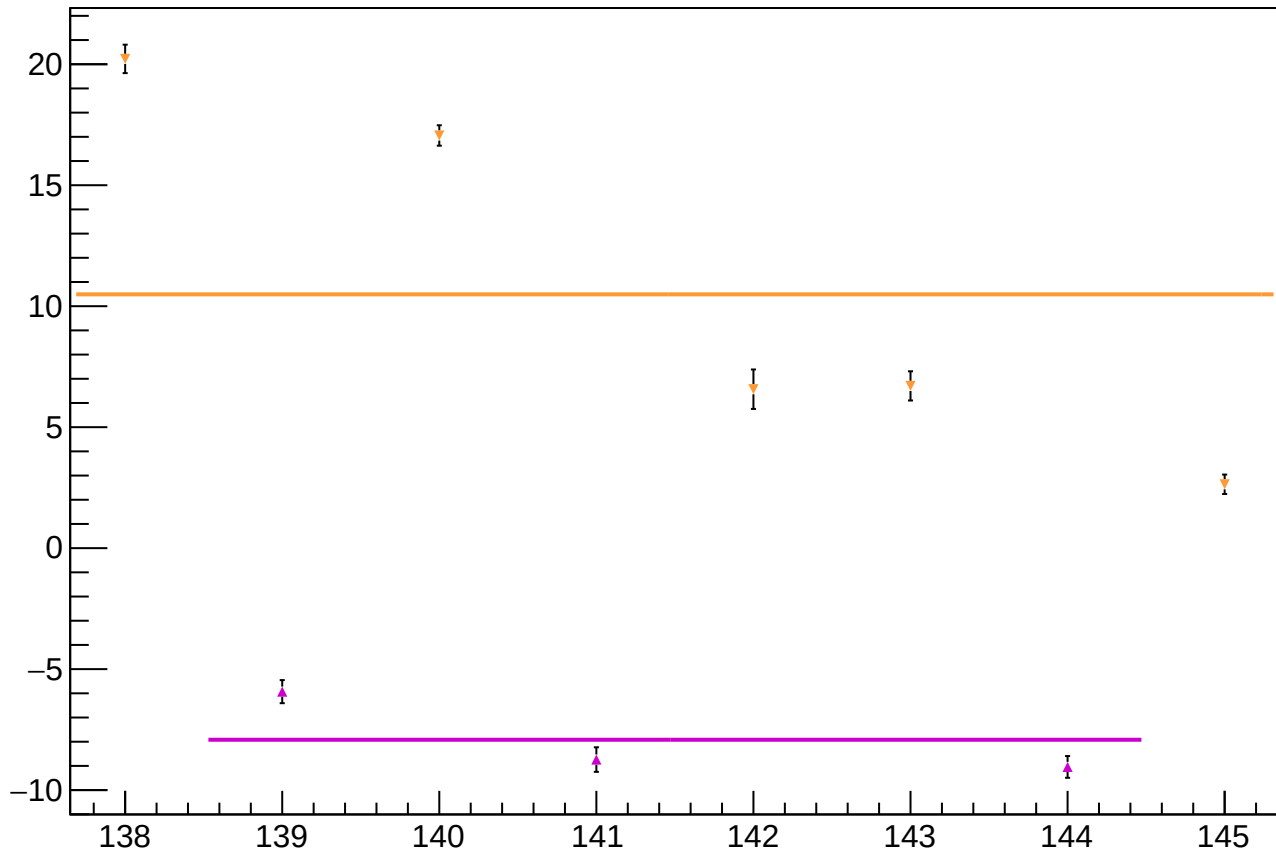
Left In: -0.323 ± 0.023 χ^2/NDF : 3.3/2

0.068 ± 0.016 χ^2/NDF : 670.6/21

0.036 ± 0.012 χ^2/NDF : 1794.2/44

-0.007 ± 0.018 χ^2/NDF : 1113.6/22

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: 10.490+/-0.230 χ^2/NDF : 961.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

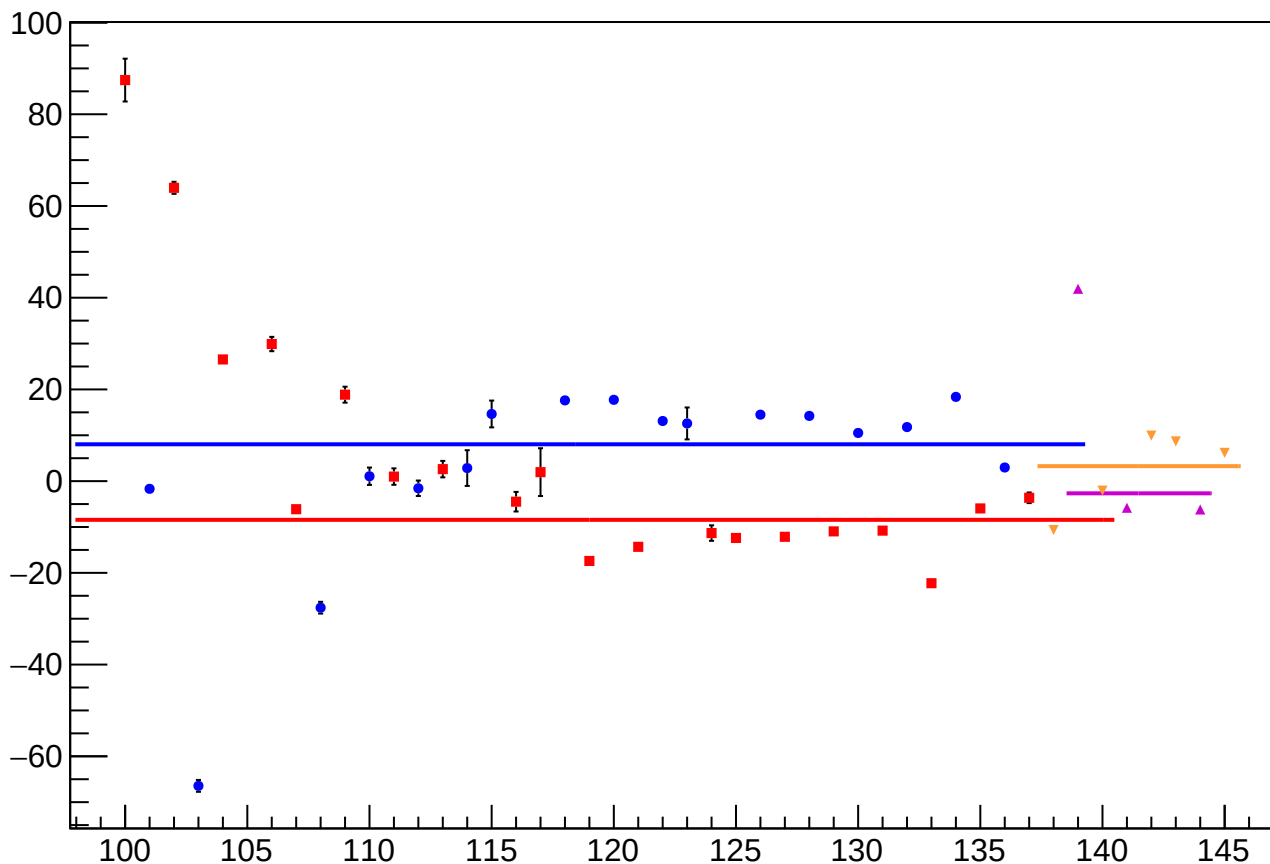
Left In: -7.919+/-0.275 χ^2/NDF : 26.2/2

10.490+/-0.230 χ^2/NDF : 961.2/4

2.928+/-0.176 χ^2/NDF : 3627.8/7

-7.919+/-0.275 χ^2/NDF : 26.2/2

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036 ± 0.215 $\chi^2/\text{NDF}: 5369.4/16$

Left Out: 3.267 ± 0.183 $\chi^2/\text{NDF}: 1188.9/4$

Right Out: -8.437 ± 0.213 $\chi^2/\text{NDF}: 6708.4/19$

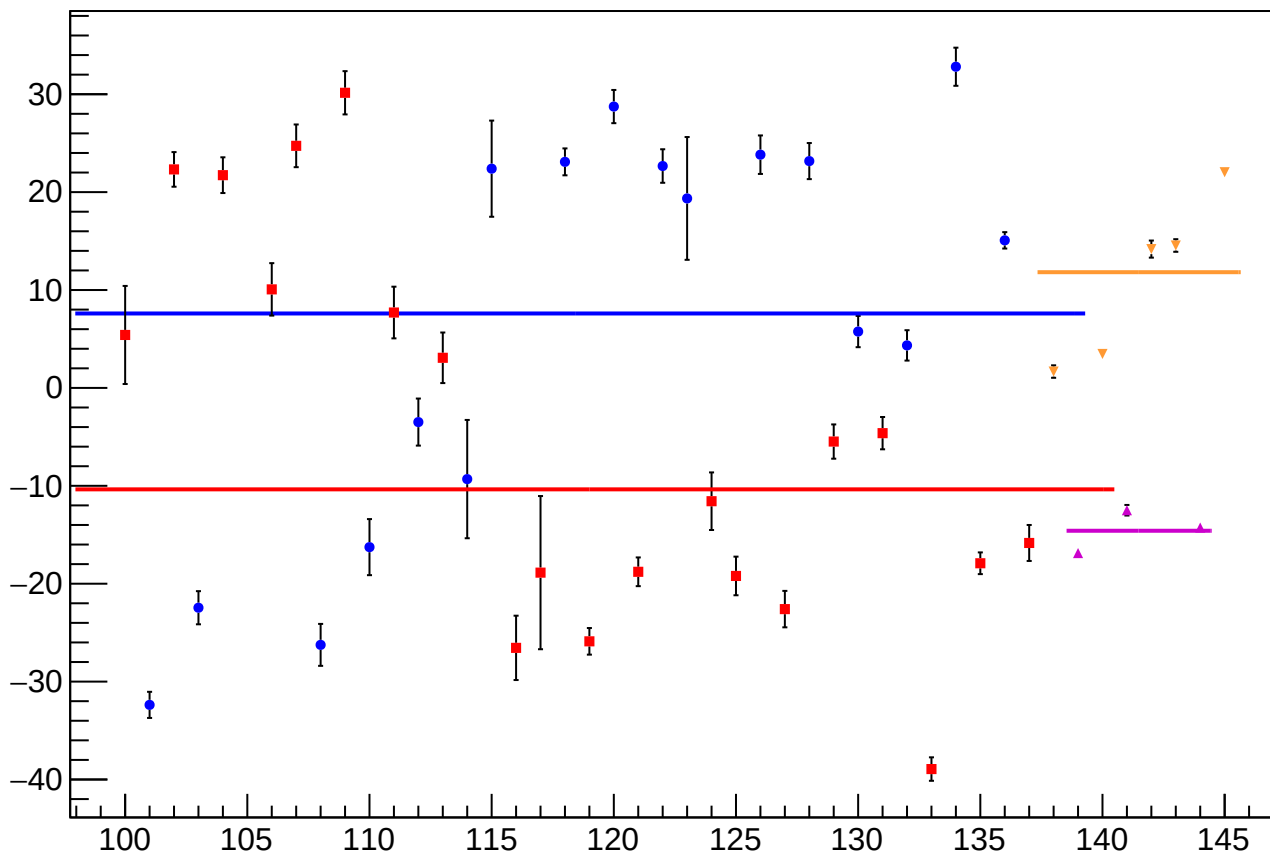
Left In: -2.659 ± 0.233 $\chi^2/\text{NDF}: 2765.5/2$

5.275 ± 0.140 $\chi^2/\text{NDF}: 6842.8/21$

0.391 ± 0.104 $\chi^2/\text{NDF}: 19427.4/44$

-5.799 ± 0.157 $\chi^2/\text{NDF}: 9809.2/22$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 11.821 ± 0.245 χ^2/NDF : 1202.1/4

Right Out: -10.362 ± 0.416 χ^2/NDF : 2283.0/19

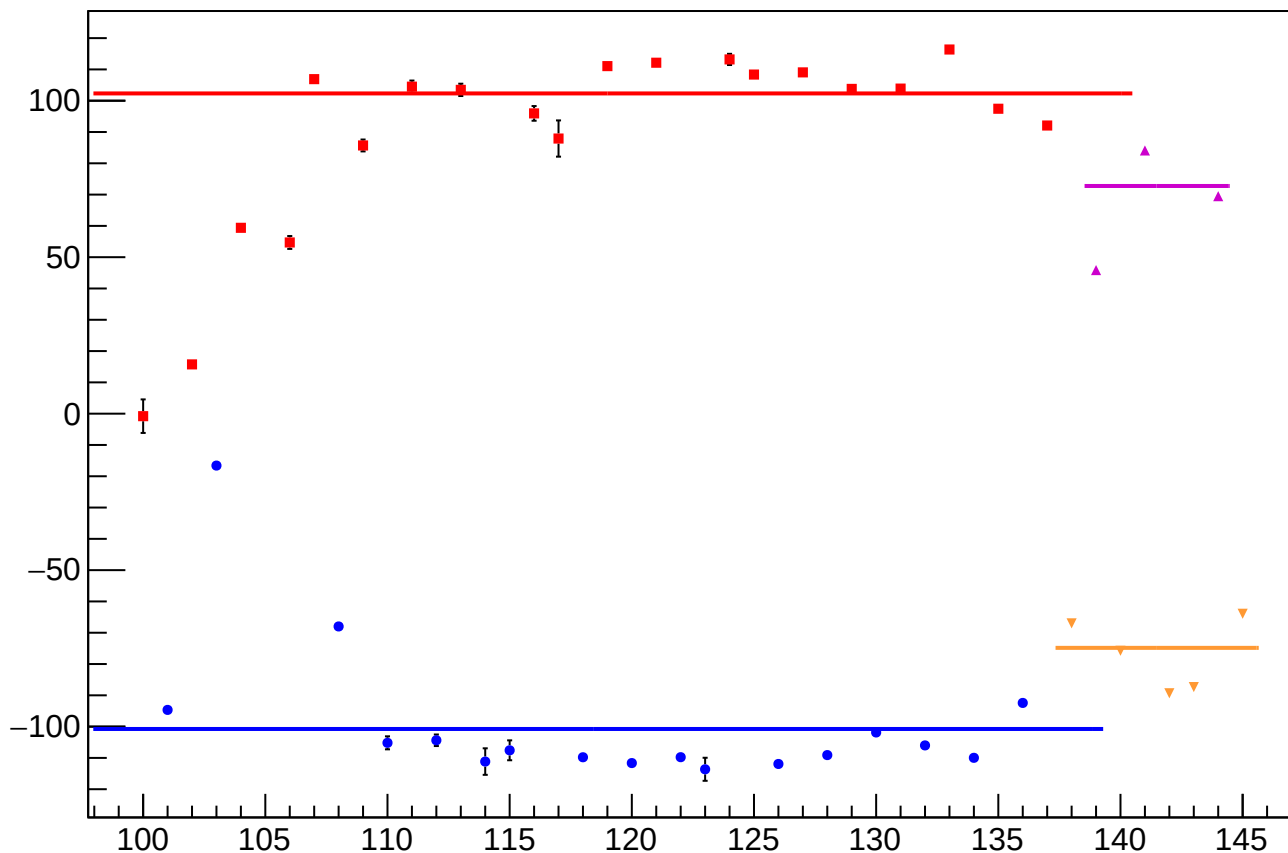
Left In: -14.591 ± 0.295 χ^2/NDF : 35.2/2

10.735 ± 0.211 χ^2/NDF : 3603.5/21

0.333 ± 0.159 χ^2/NDF : 11576.9/44

-13.177 ± 0.240 χ^2/NDF : 2387.0/22

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753+/-0.248 χ^2/NDF : 4522.6/16

Left Out: -74.833+/-0.217 χ^2/NDF : 2131.8/4

Right Out: 102.328+/-0.246 χ^2/NDF : 6085.1/19

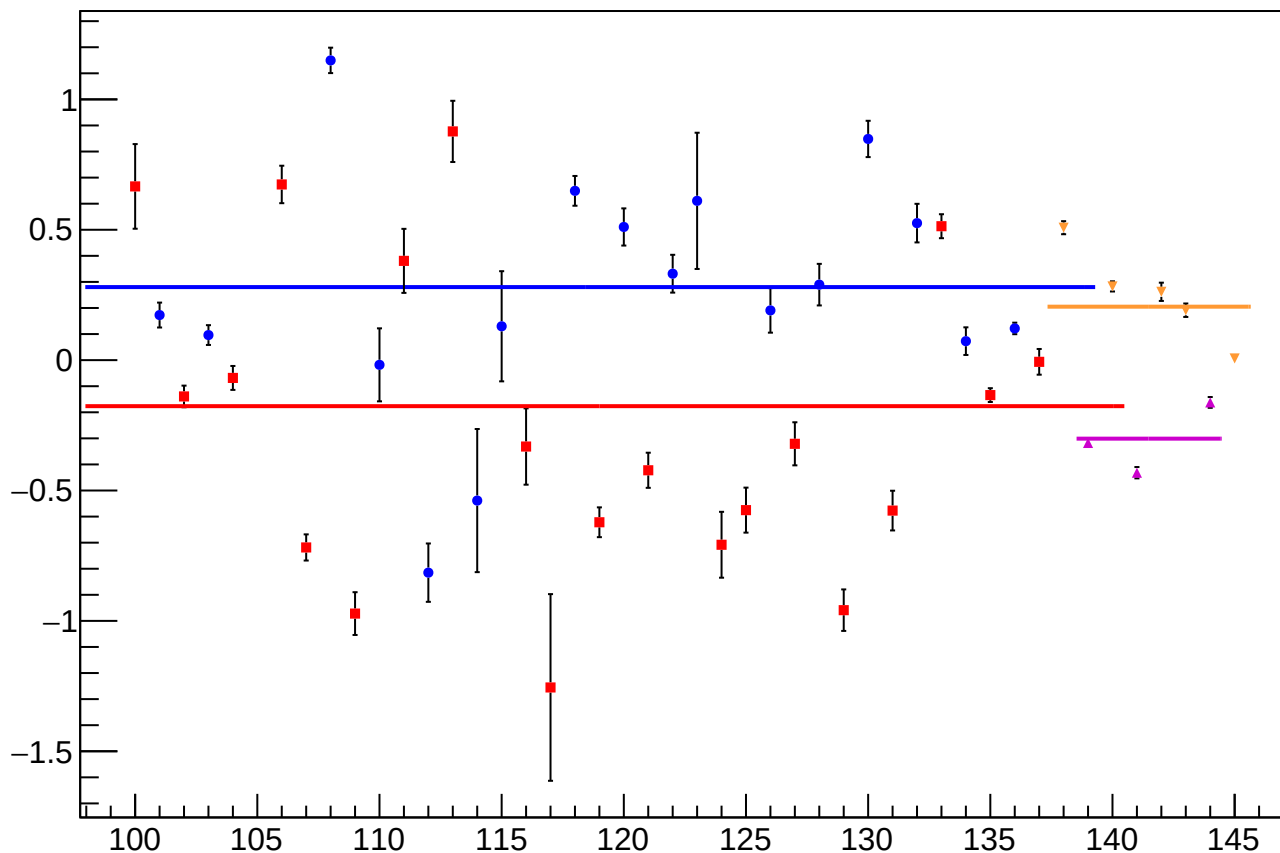
Left In: 72.755+/-0.272 χ^2/NDF : 1753.8/2

-86.049+/-0.163 χ^2/NDF : 12850.8/21

-8.265+/-0.122 χ^2/NDF : 538842.3/44

89.022+/-0.182 χ^2/NDF : 14340.9/22

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.0/16

Left Out: 0.205 ± 0.010 χ^2/NDF : 307.4/4

Right Out: -0.177 ± 0.013 χ^2/NDF : 975.8/19

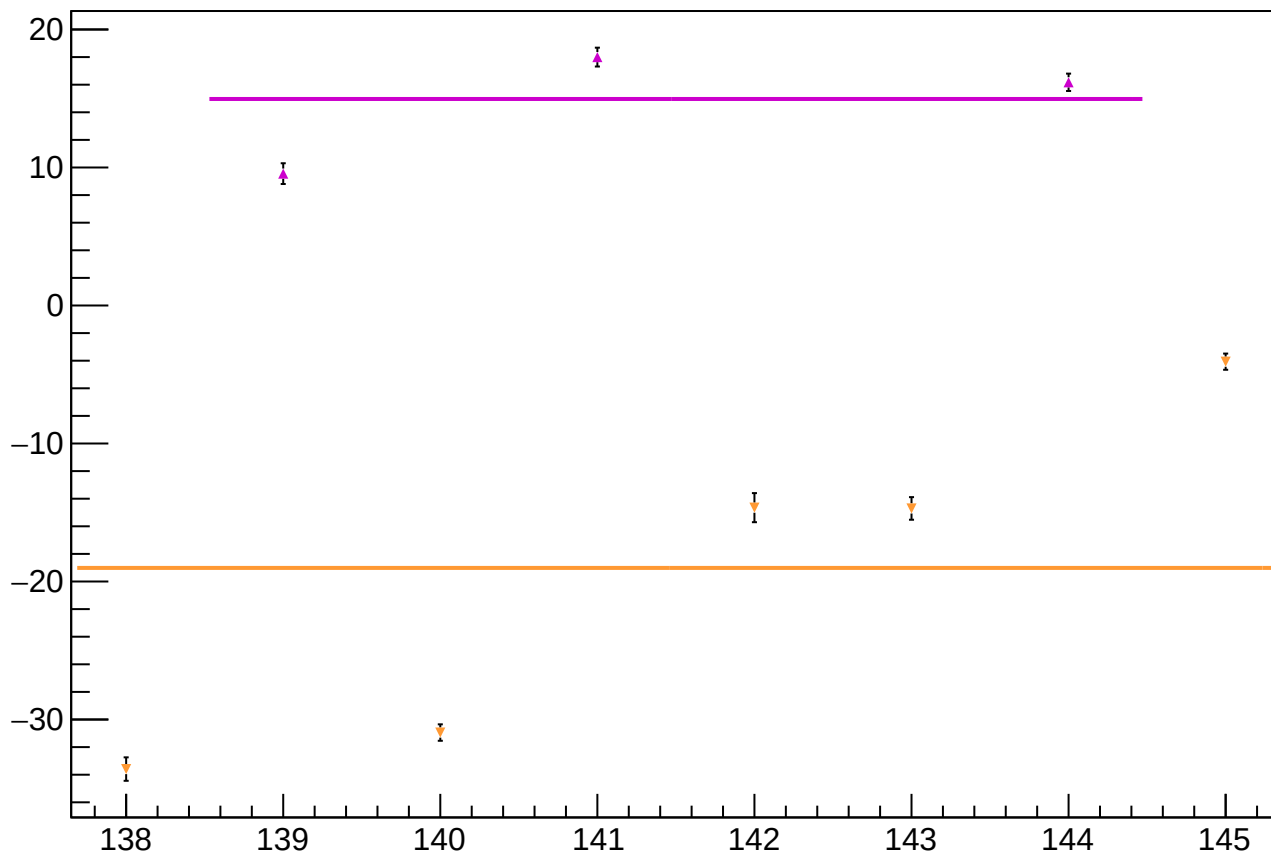
Left In: -0.301 ± 0.012 χ^2/NDF : 81.9/2

0.231 ± 0.008 χ^2/NDF : 983.6/21

0.015 ± 0.006 χ^2/NDF : 3713.4/44

-0.248 ± 0.009 χ^2/NDF : 1106.7/22

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: -19.015+/-0.324 χ^2/NDF : 1389.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

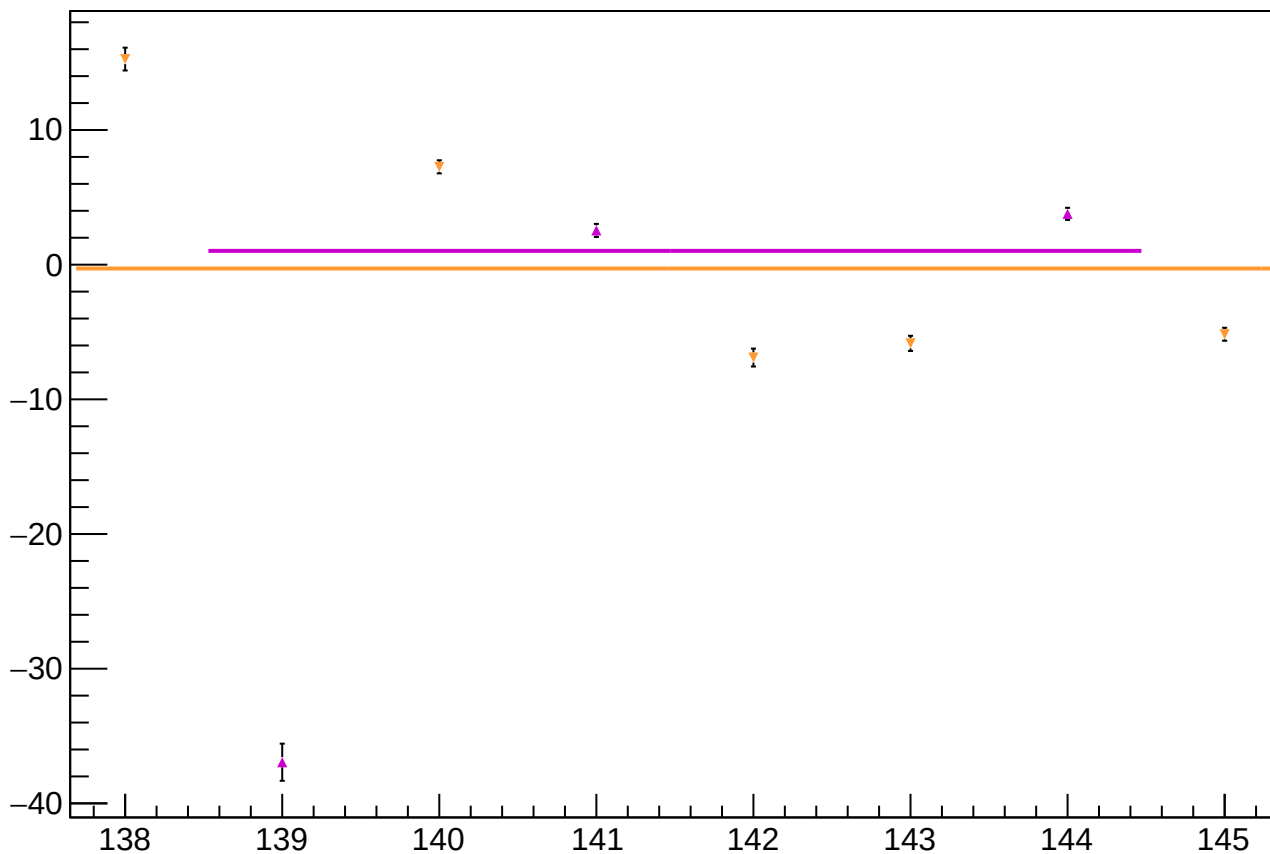
Left In: 14.964+/-0.394 χ^2/NDF : 75.2/2

-19.015+/-0.324 χ^2/NDF : 1389.0/4

-5.287+/-0.250 χ^2/NDF : 5895.3/7

14.964+/-0.394 χ^2/NDF : 75.2/2

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: -0.285+/-0.256 χ^2/NDF : 873.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

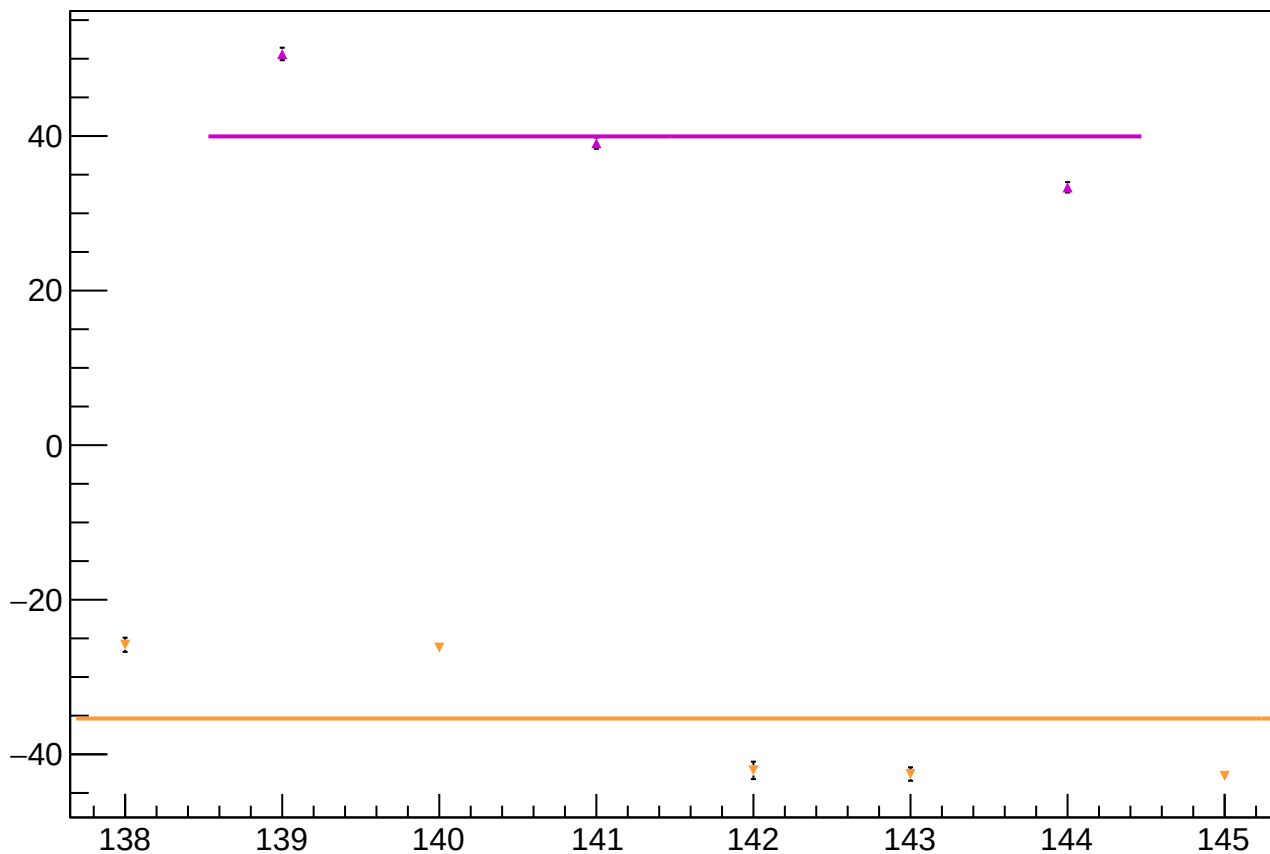
Left In: 1.025+/-0.321 χ^2/NDF : 805.1/2

-0.285+/-0.256 χ^2/NDF : 873.3/4

0.224+/-0.200 χ^2/NDF : 1688.6/7

1.025+/-0.321 χ^2/NDF : 805.1/2

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: -35.366+/-0.346 χ^2/NDF : 562.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

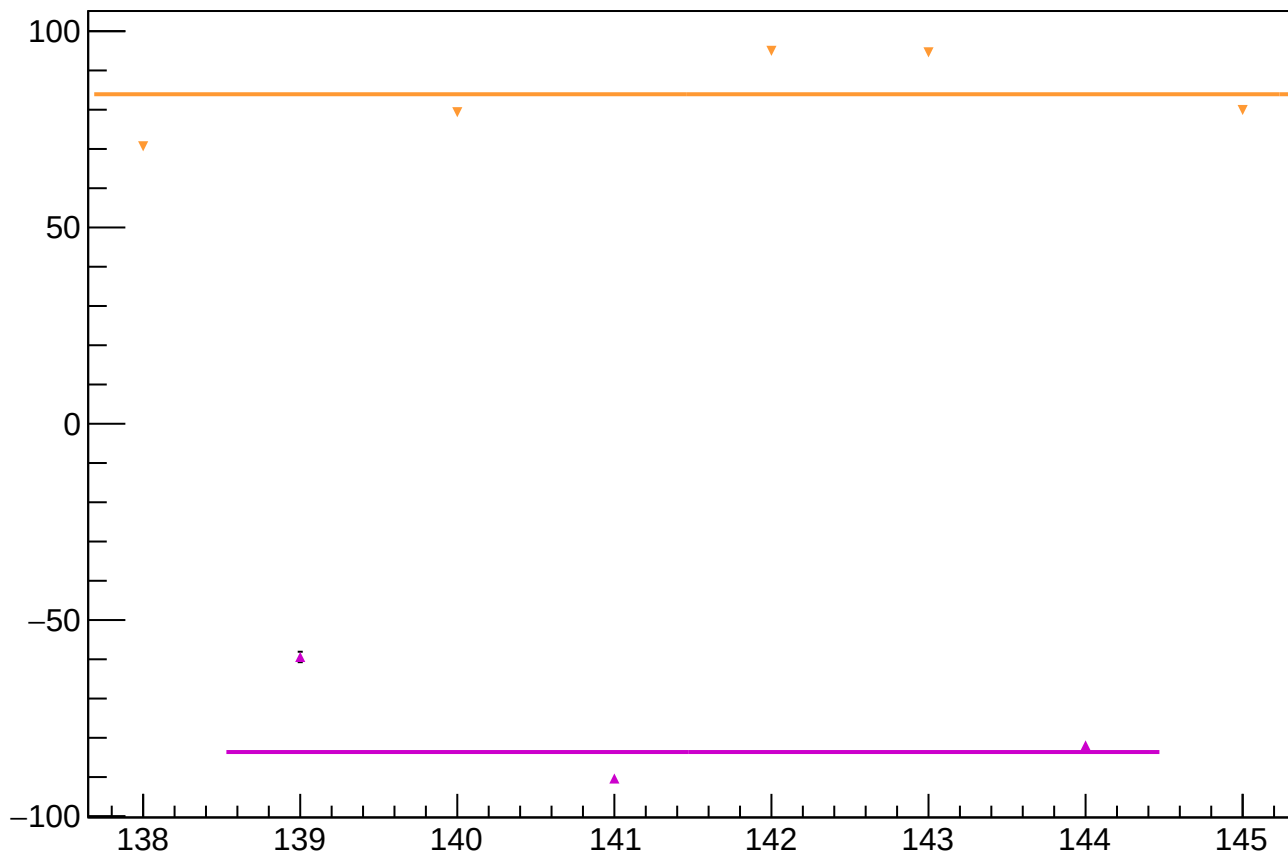
Left In: 39.953+/-0.422 χ^2/NDF : 269.6/2

-35.366+/-0.346 χ^2/NDF : 562.1/4

-5.101+/-0.268 χ^2/NDF : 19878.1/7

39.953+/-0.422 χ^2/NDF : 269.6/2

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: 83.940+/-0.303 χ^2/NDF : 735.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

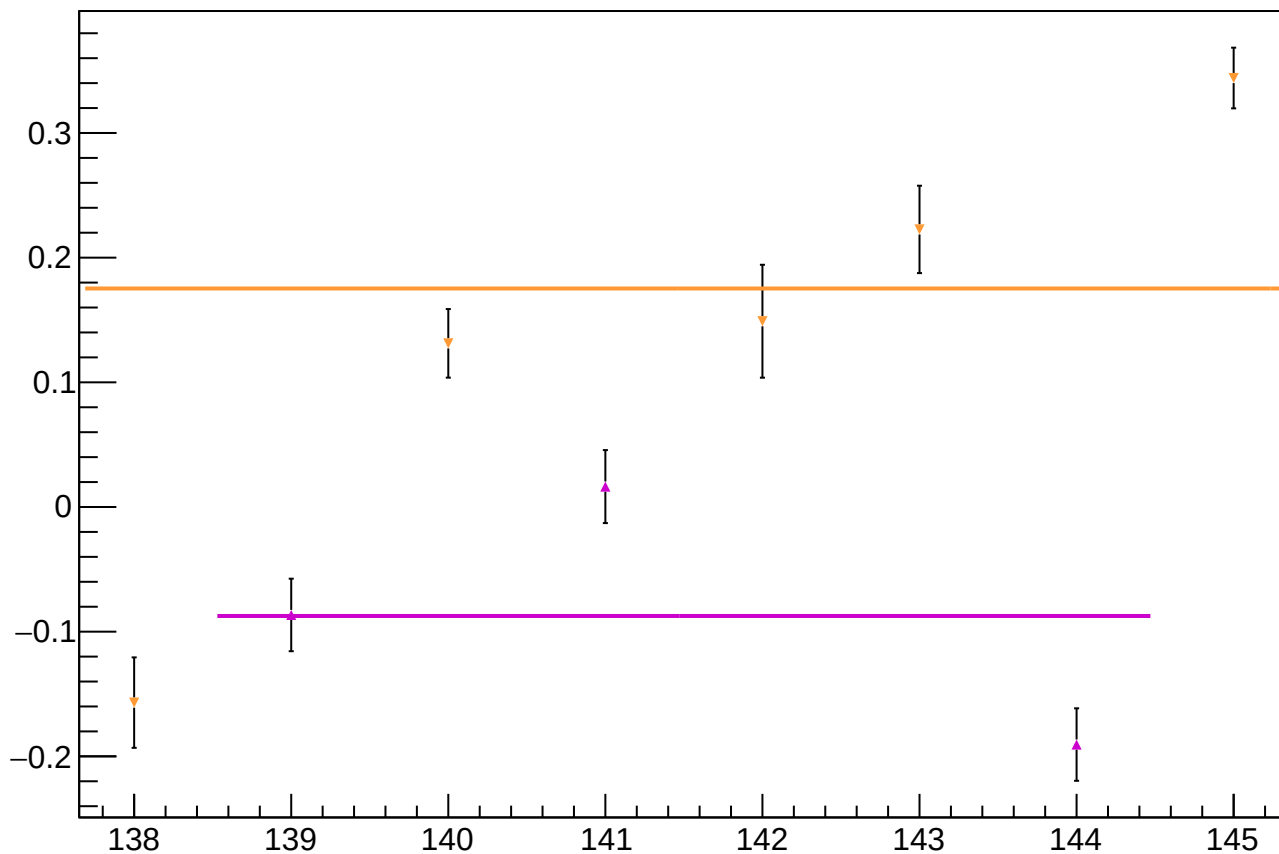
Left In: -83.624+/-0.378 χ^2/NDF : 474.4/2

83.940+/-0.303 χ^2/NDF : 735.4/4

18.359+/-0.236 χ^2/NDF : 120933.9/7

-83.624+/-0.378 χ^2/NDF : 474.4/2

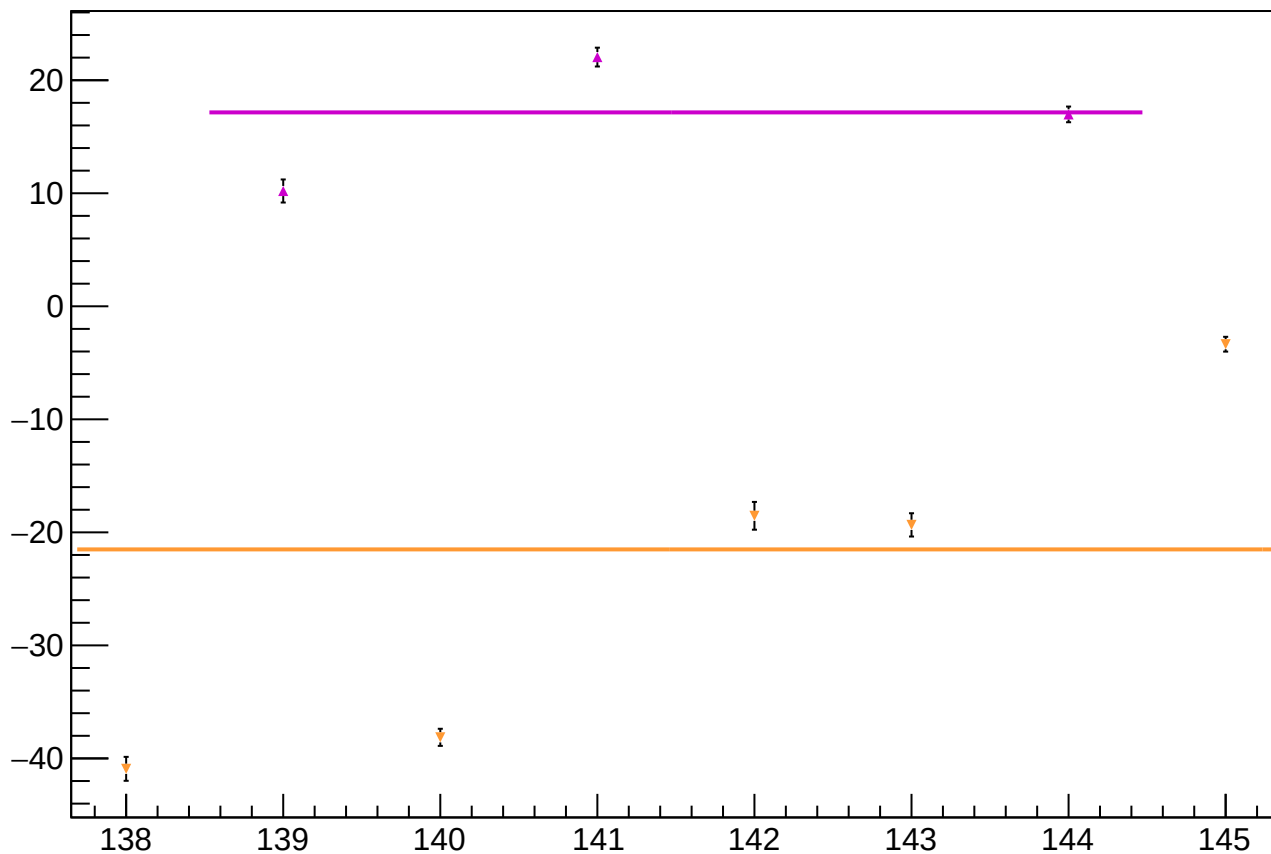
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.175 $\pm$ 0.014 χ^2 /NDF:136.7/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.087 $\pm$ 0.017 χ^2 /NDF:25.2/2

0.175 $\pm$ 0.014 χ^2 /NDF: 136.7/4
 0.067 $\pm$ 0.011 χ^2 /NDF: 305.5/7
 -0.087 $\pm$ 0.017 χ^2 /NDF: 25.2/2

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: -21.509+/-0.390 χ^2/NDF : 1597.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

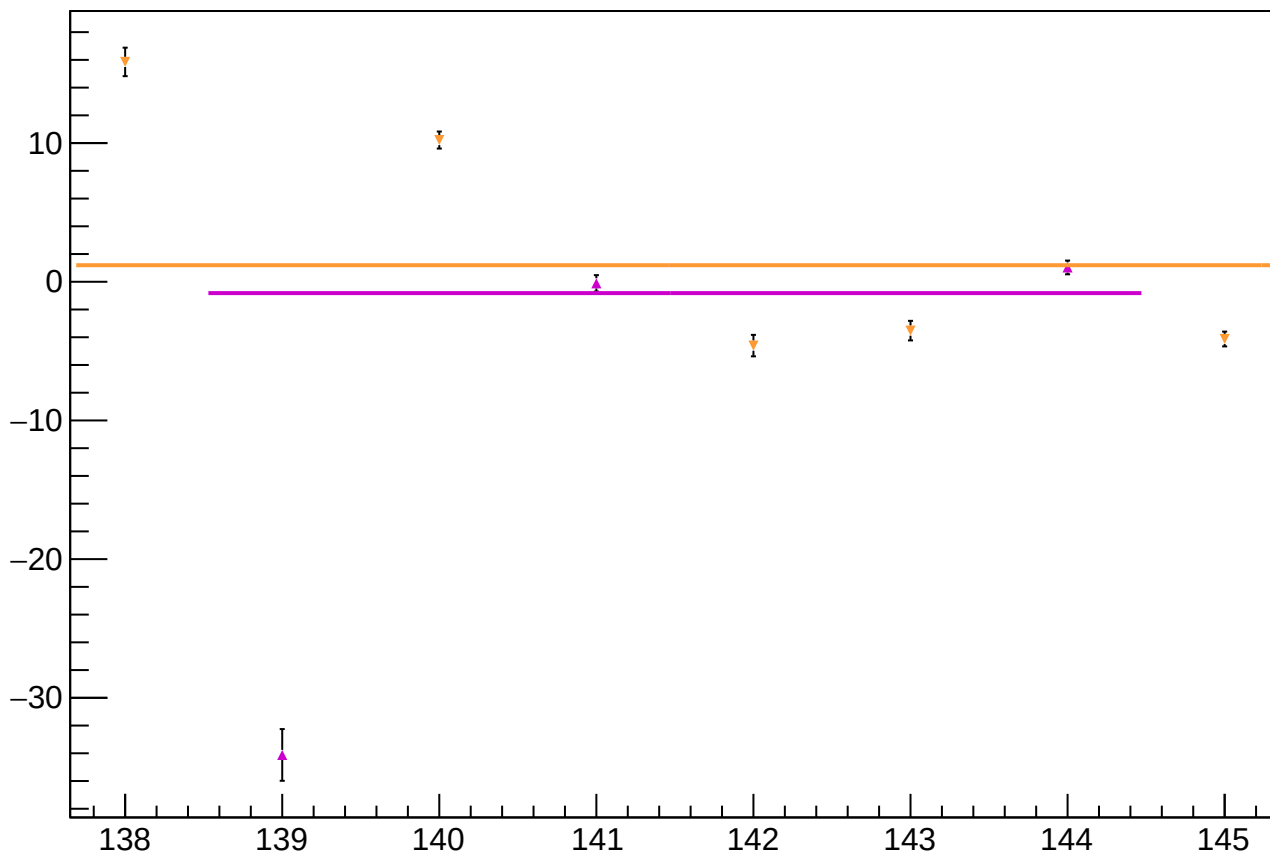
Left In: 17.154+/-0.473 χ^2/NDF : 81.0/2

-21.509+/-0.390 χ^2/NDF : 1597.7/4

-5.844+/-0.301 χ^2/NDF : 5660.9/7

17.154+/-0.473 χ^2/NDF : 81.0/2

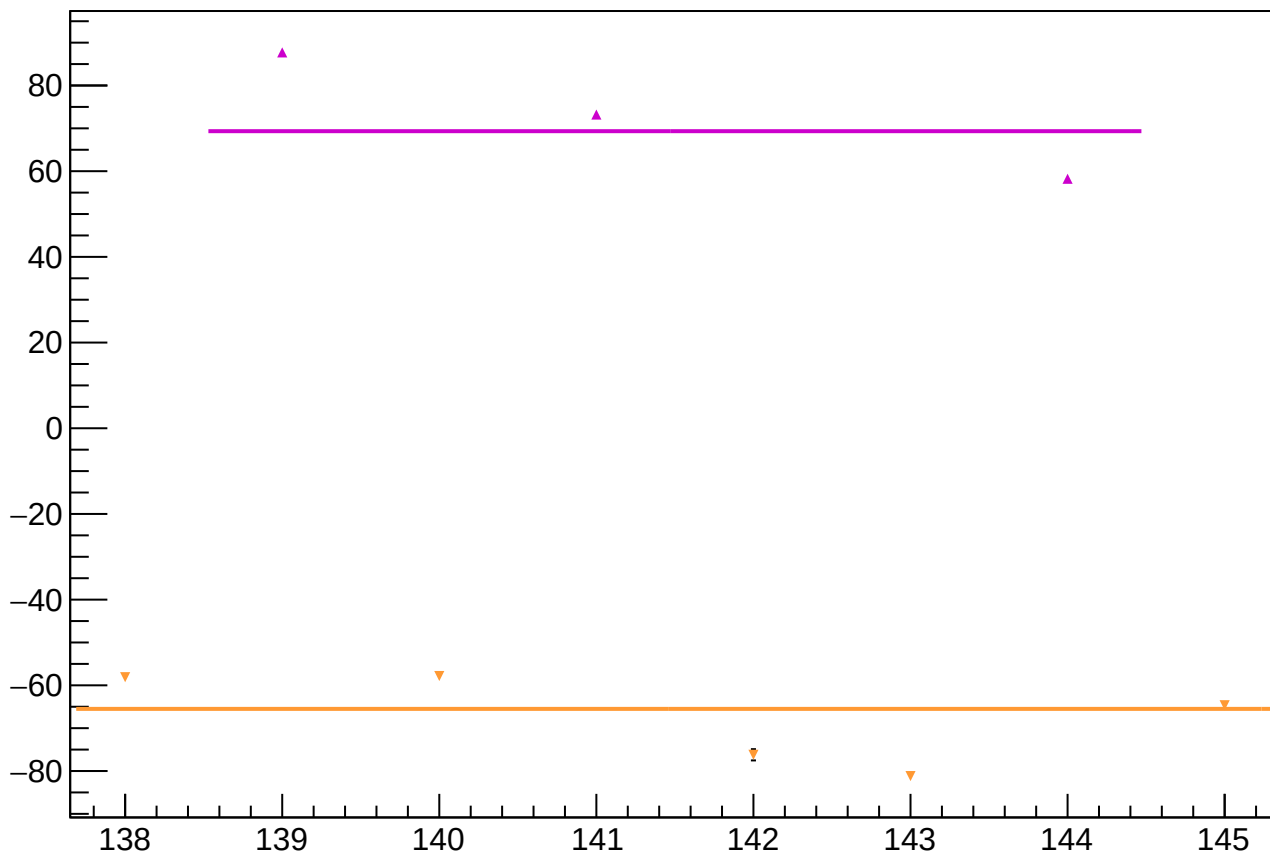
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.194+/-0.305 χ^2/NDF : 619.5/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.817+/-0.372 χ^2/NDF : 334.3/2

1.194+/-0.305 χ^2/NDF : 619.5/4
 0.386+/-0.236 χ^2/NDF : 971.3/7
 -0.817+/-0.372 χ^2/NDF : 334.3/2

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: -65.497+/-0.416 χ^2/NDF : 403.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

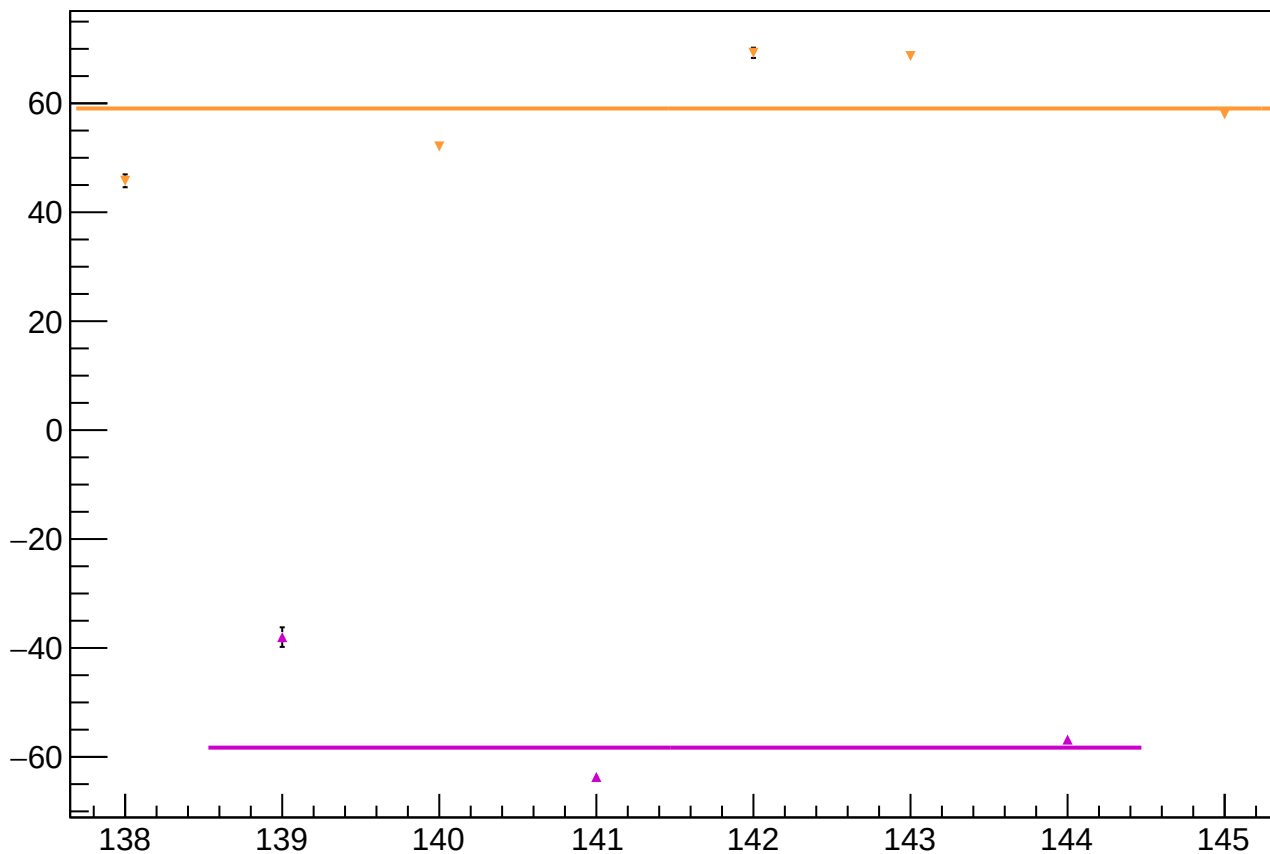
Left In: 69.337+/-0.506 χ^2/NDF : 520.7/2

-65.497+/-0.416 χ^2/NDF : 403.7/4

-11.125+/-0.321 χ^2/NDF : 43303.7/7

69.337+/-0.506 χ^2/NDF : 520.7/2

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: 59.053+/-0.361 χ^2/NDF : 463.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

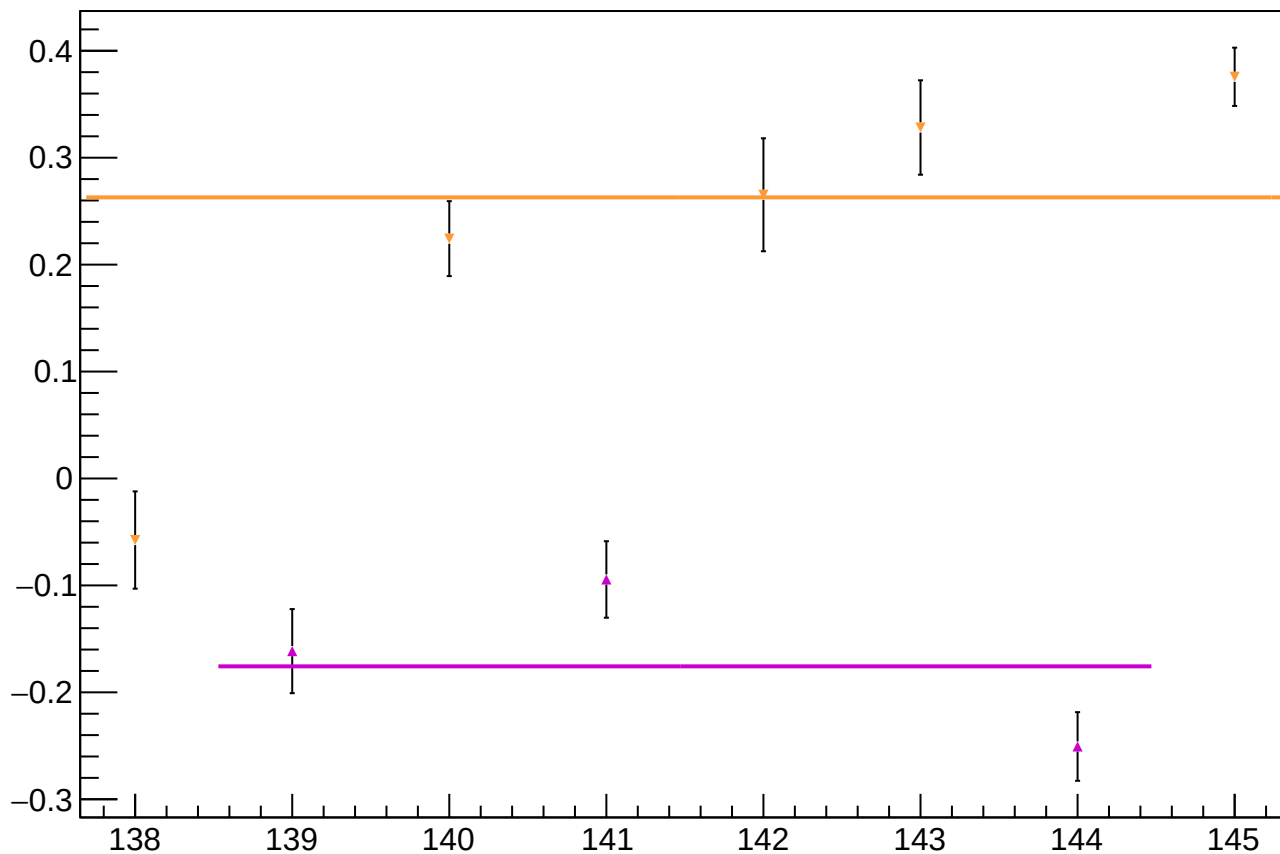
Left In: -58.299+/-0.439 χ^2/NDF : 190.9/2

59.053+/-0.361 χ^2/NDF : 463.4/4

11.768+/-0.279 χ^2/NDF : 43300.7/7

-58.299+/-0.439 χ^2/NDF : 190.9/2

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.263 $\pm$ 0.017 χ^2 /NDF: 70.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

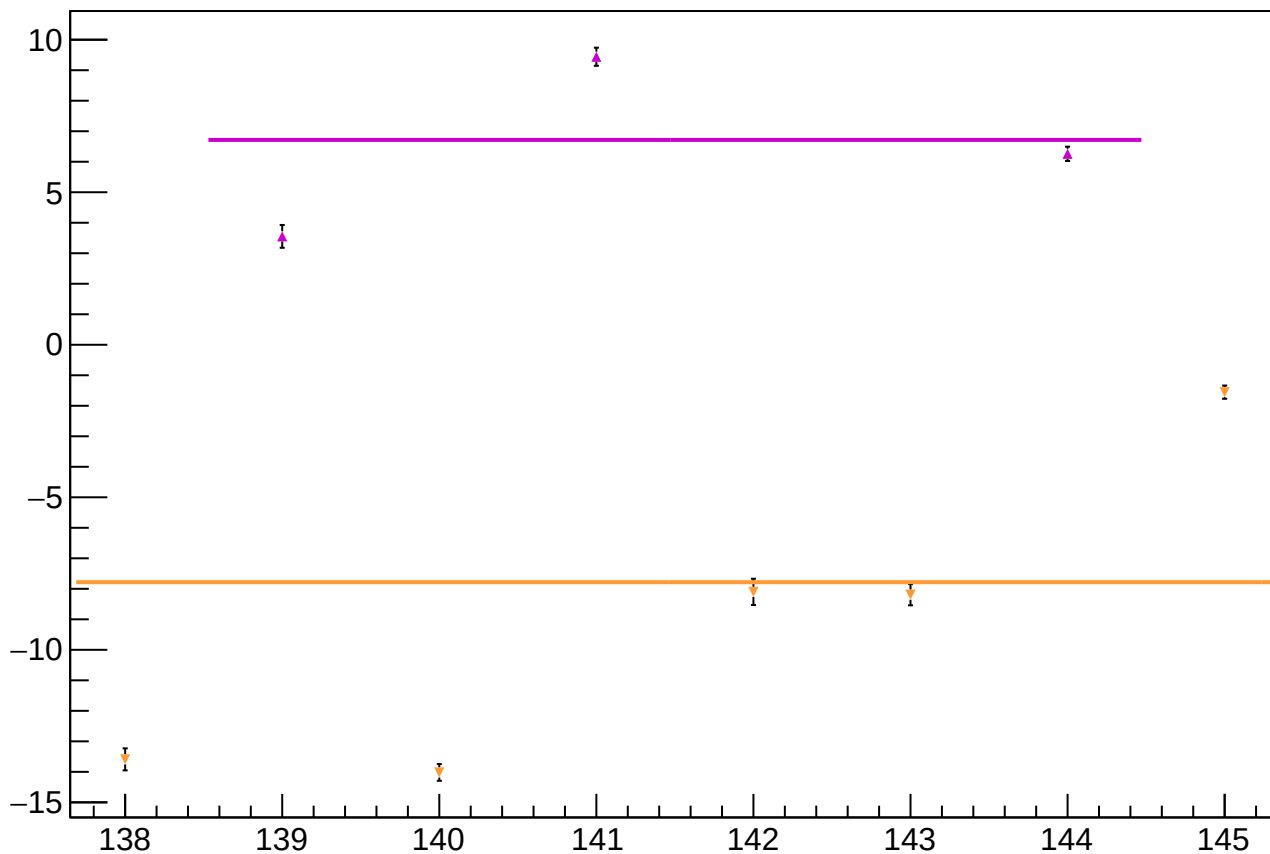
Left In: -0.176 $\pm$ 0.020 χ^2 /NDF: 10.7/2

0.263 $\pm$ 0.017 χ^2 /NDF: 70.1/4

0.085 $\pm$ 0.013 χ^2 /NDF: 355.1/7

-0.176 $\pm$ 0.020 χ^2 /NDF: 10.7/2

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: -7.783+/-0.134 χ^2/NDF : 1599.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

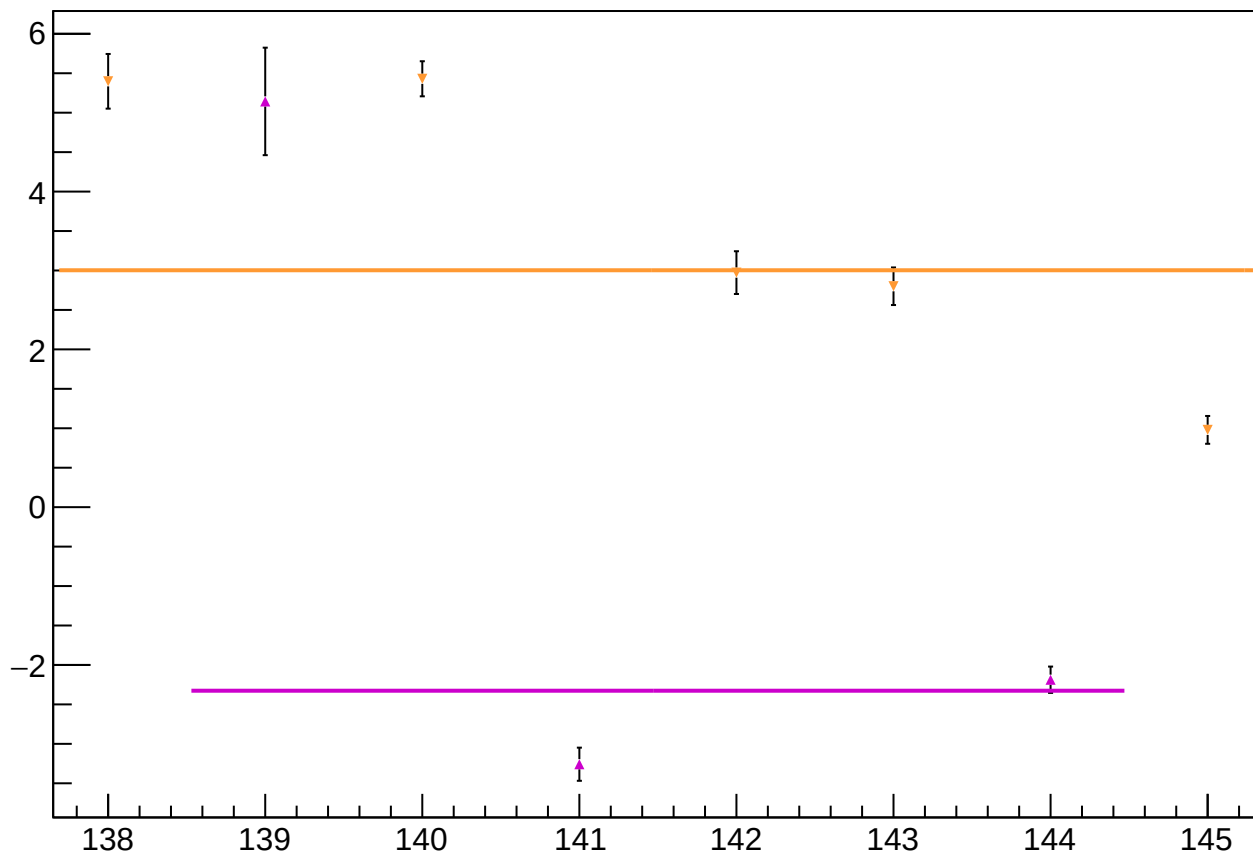
Left In: 6.716+/-0.165 χ^2/NDF : 159.6/2

-7.783+/-0.134 χ^2/NDF : 1599.6/4

-2.020+/-0.104 χ^2/NDF : 6418.9/7

6.716+/-0.165 χ^2/NDF : 159.6/2

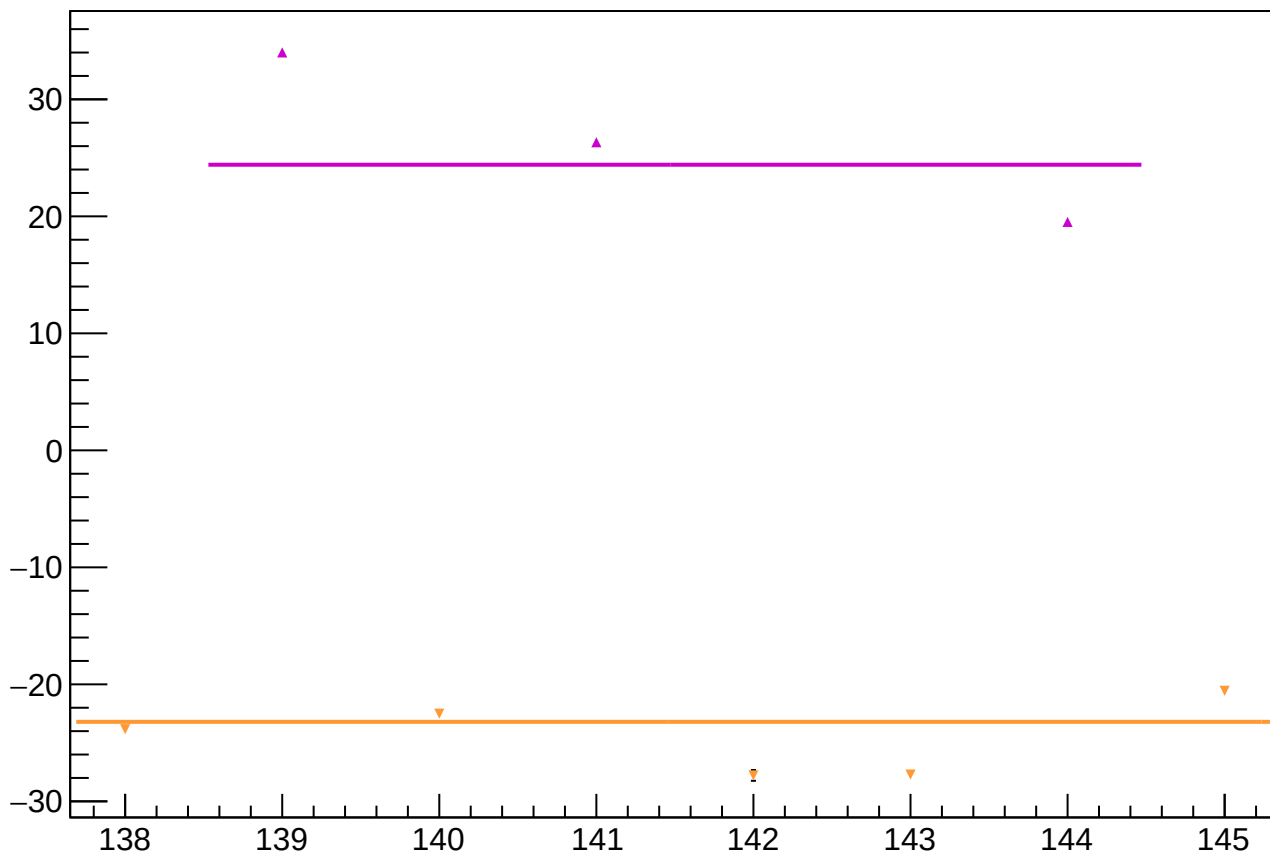
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.003+/-0.104 χ^2/NDF :299.4/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.327+/-0.128 χ^2/NDF :140.6/2

3.003+/-0.104 χ^2/NDF : 299.4/4
 0.882+/-0.081 χ^2/NDF : 1479.6/7
 -2.327+/-0.128 χ^2/NDF : 140.6/2

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: -23.206+/-0.143 χ^2/NDF : 386.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

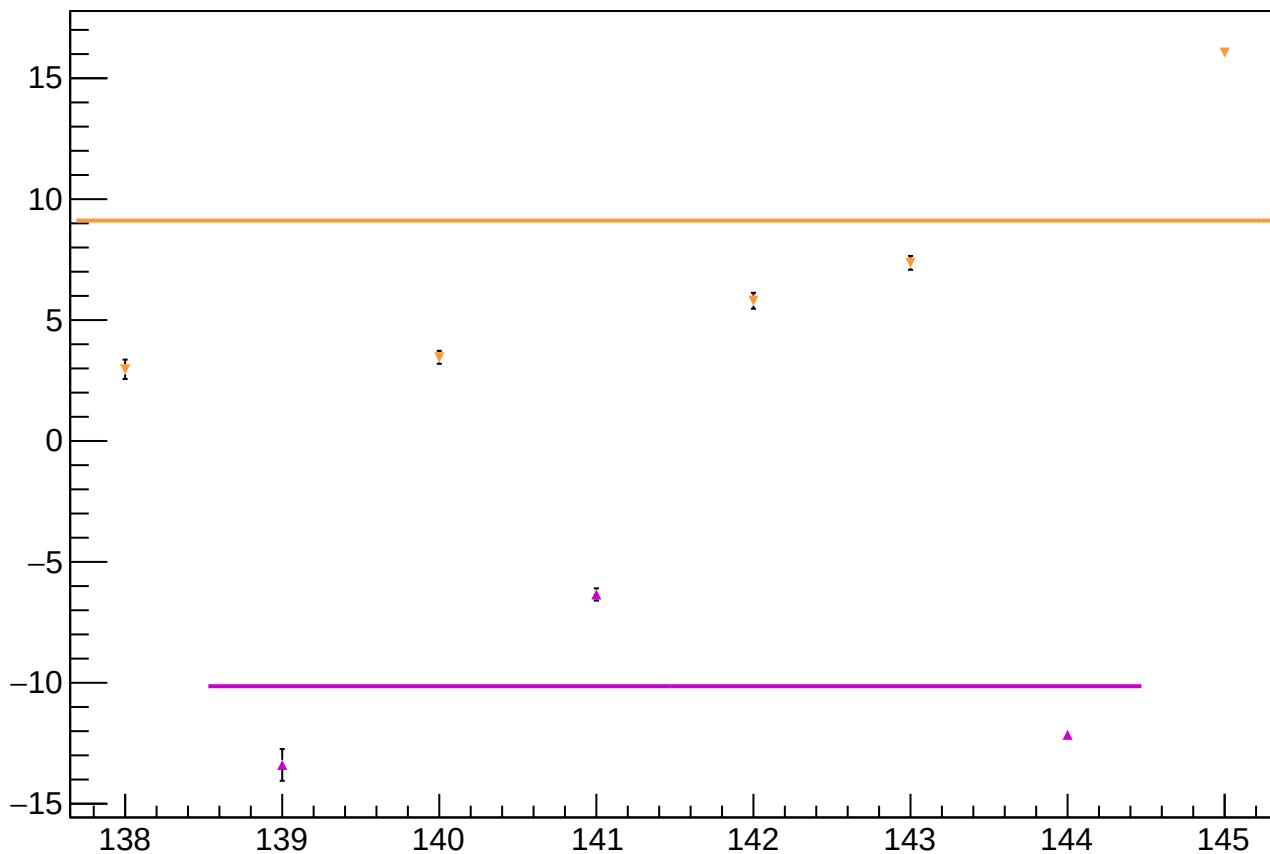
Left In: 24.411+/-0.177 χ^2/NDF : 981.0/2

-23.206+/-0.143 χ^2/NDF : 386.4/4

-4.364+/-0.111 χ^2/NDF : 45327.5/7

24.411+/-0.177 χ^2/NDF : 981.0/2

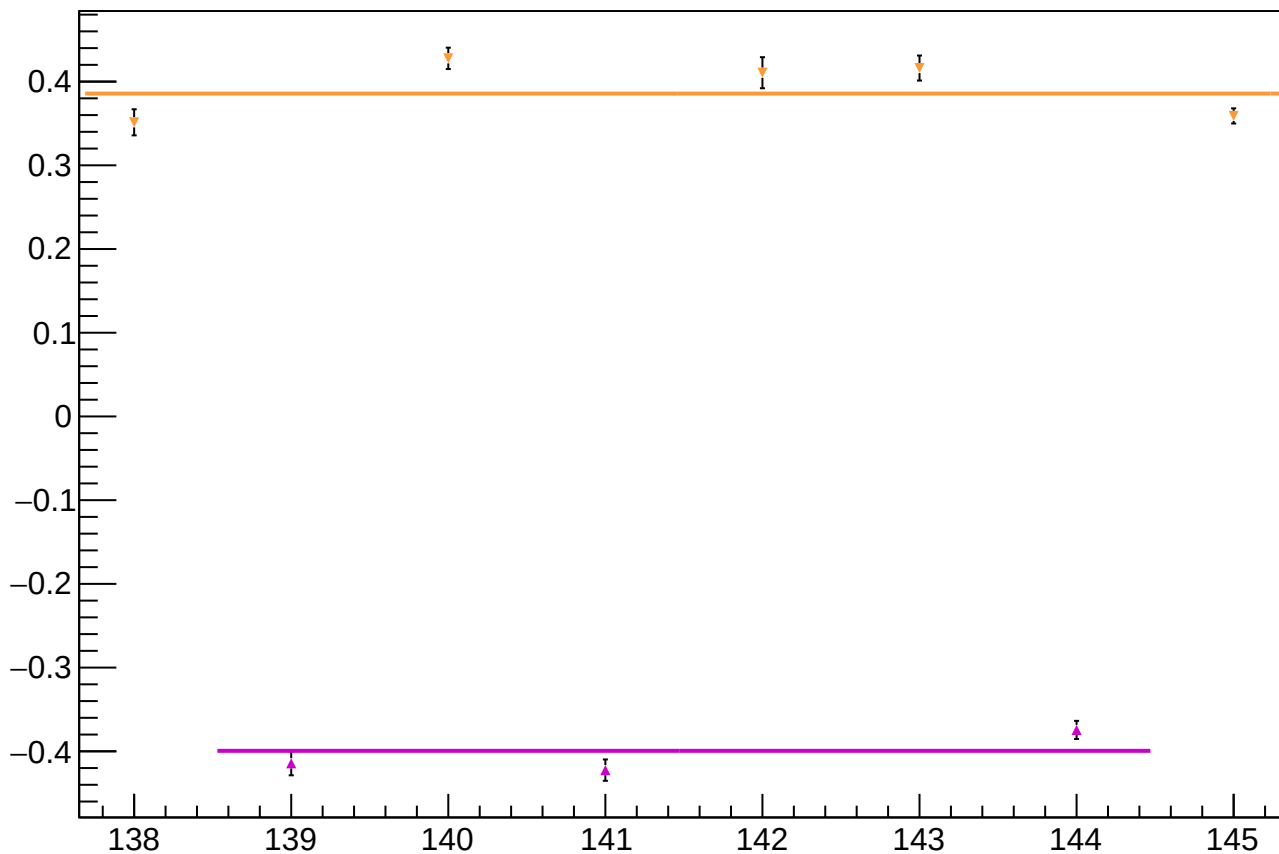
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.116+/-0.123 χ^2/NDF :1983.9/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.141+/-0.152 χ^2/NDF :351.6/2

9.116+/-0.123 χ^2/NDF : 1983.9/4
 1.441+/-0.096 χ^2/NDF : 12032.4/7
 -10.141+/-0.152 χ^2/NDF : 351.6/2

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.386+/-0.006 χ^2/NDF : 30.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

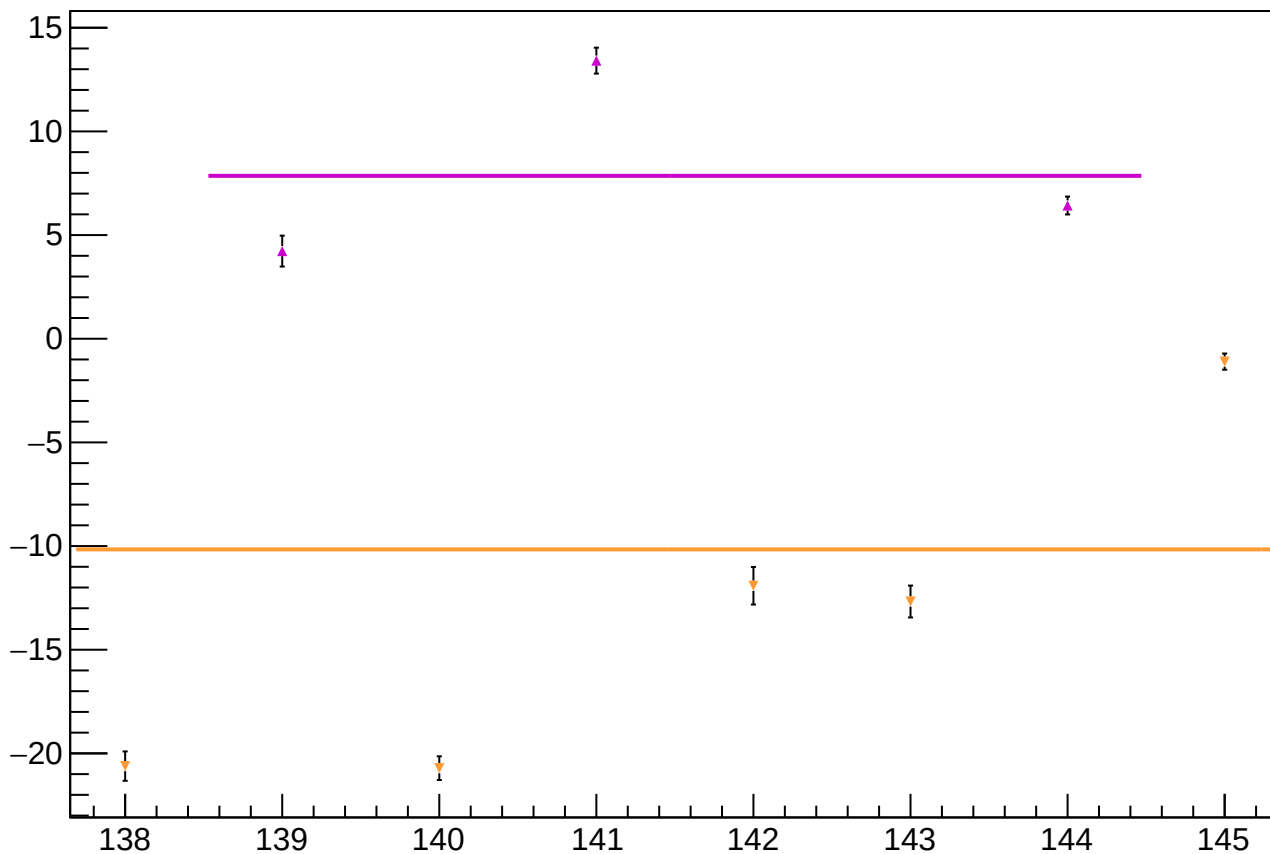
Left In: -0.399+/-0.007 χ^2/NDF : 9.7/2

0.386+/-0.006 χ^2/NDF : 30.4/4

0.075+/-0.004 χ^2/NDF : 7321.5/7

-0.399+/-0.007 χ^2/NDF : 9.7/2

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -10.160 $\pm$ 0.262 χ^2 /NDF: 1112.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

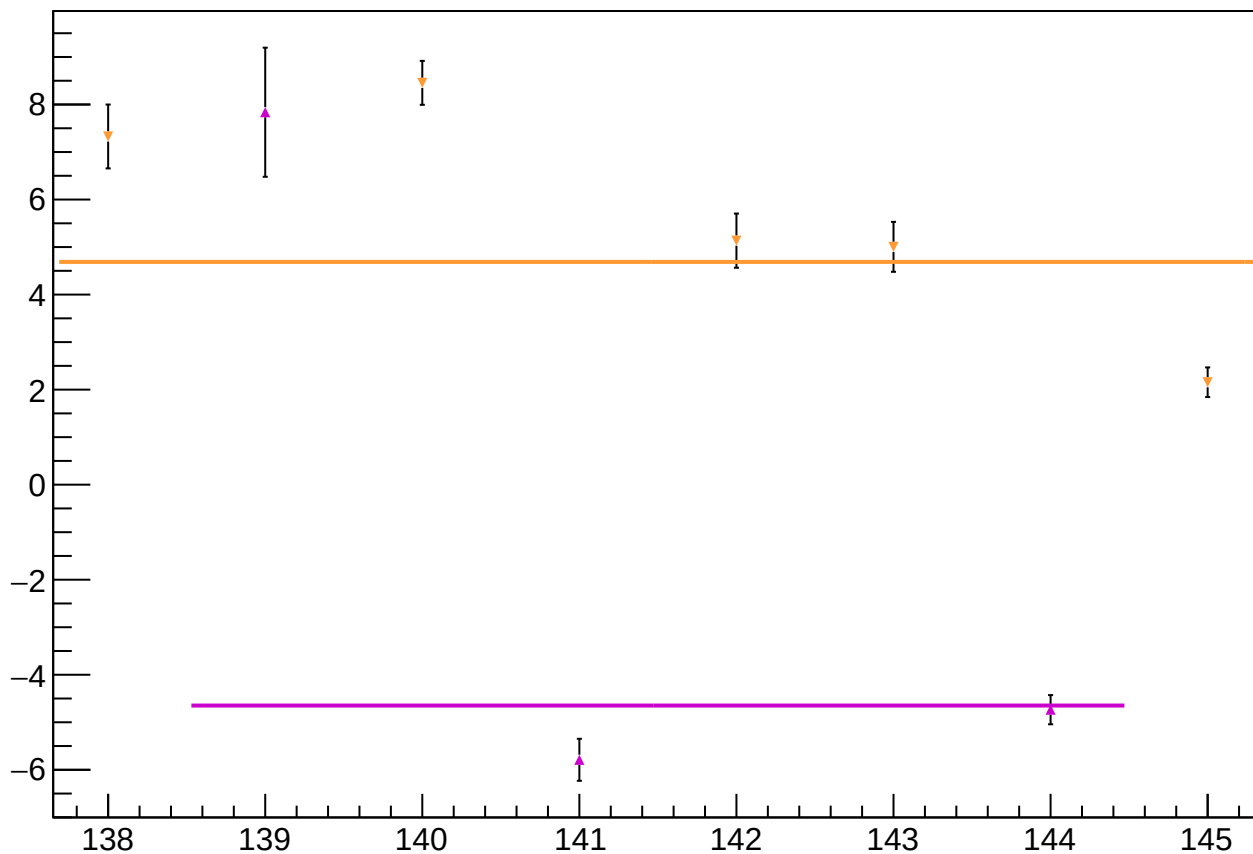
Left In: 7.858 $\pm$ 0.321 χ^2 /NDF: 113.7/2

-10.160 $\pm$ 0.262 χ^2 /NDF: 1112.1/4

-2.934 $\pm$ 0.203 χ^2 /NDF: 3117.9/7

7.858 $\pm$ 0.321 χ^2 /NDF: 113.7/2

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: 4.688+/-0.205 χ^2/NDF :148.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

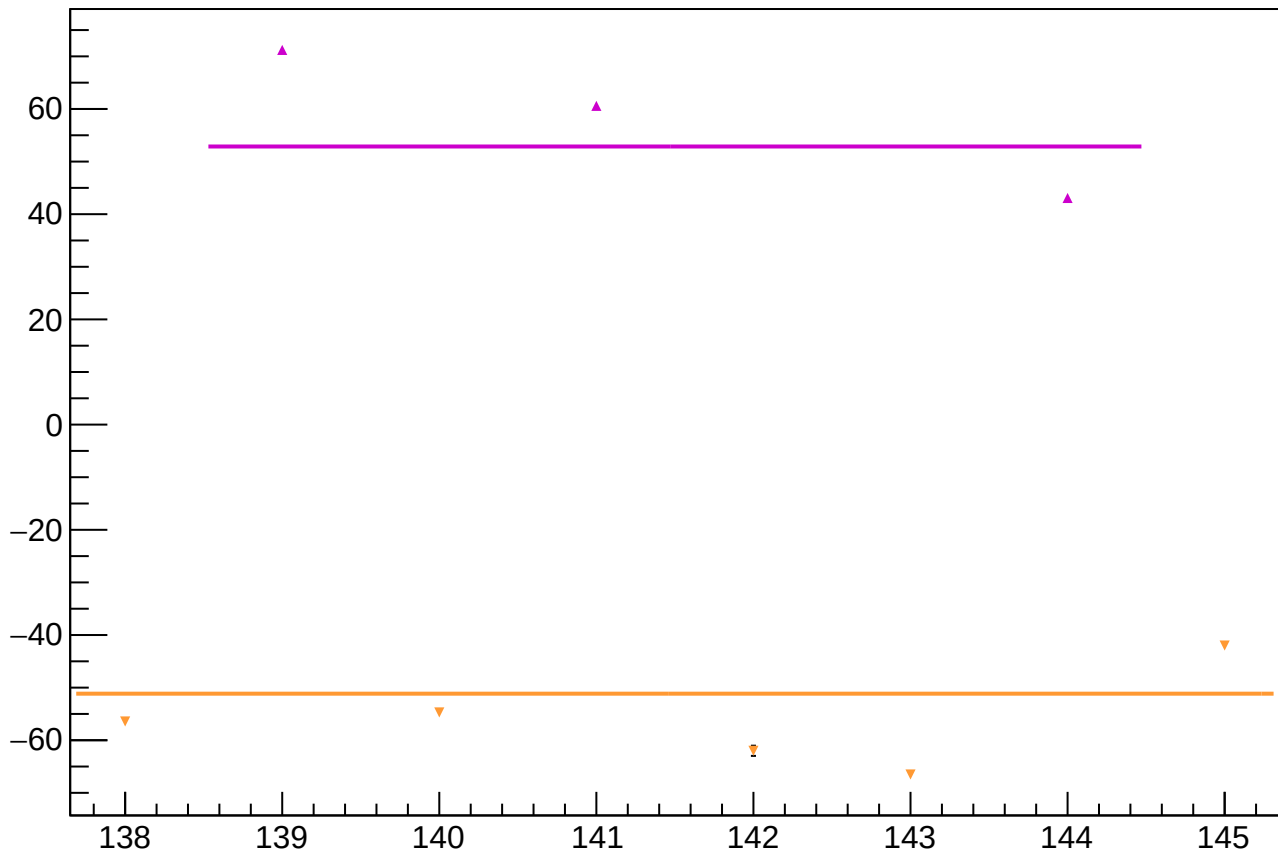
Left In: -4.648+/-0.248 χ^2/NDF :91.2/2

4.688+/-0.205 χ^2/NDF : 148.7/4

0.905+/-0.158 χ^2/NDF : 1082.6/7

-4.648+/-0.248 χ^2/NDF : 91.2/2

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left Out: -51.150 +/- 0.280 χ^2/NDF : 1041.3/4

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

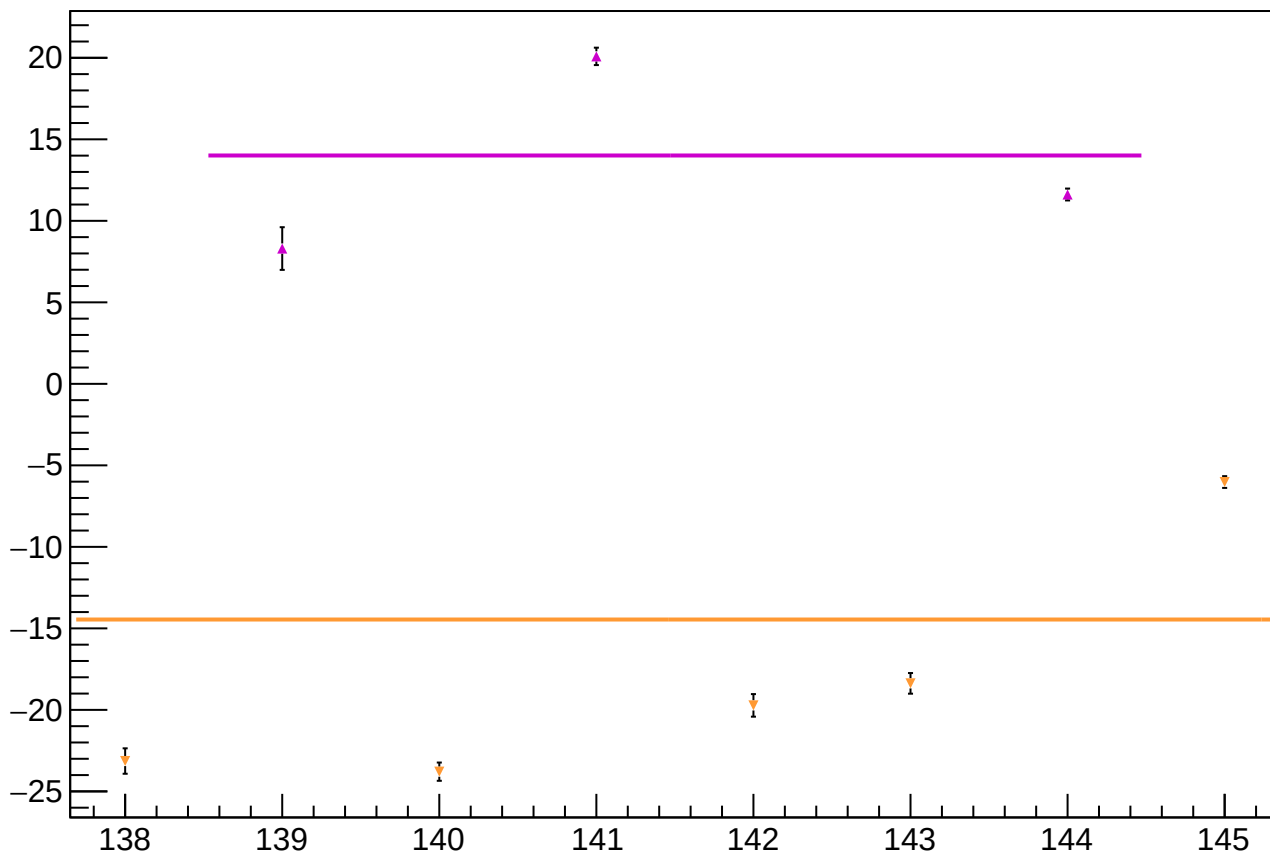
Left In: 52.867 +/- 0.343 χ^2/NDF : 1101.7/2

-51.150 +/- 0.280 χ^2/NDF : 1041.3/4

-9.558 +/- 0.217 χ^2/NDF : 57198.2/7

52.867 +/- 0.343 χ^2/NDF : 1101.7/2

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: -14.457+/-0.242 χ^2/NDF :1044.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

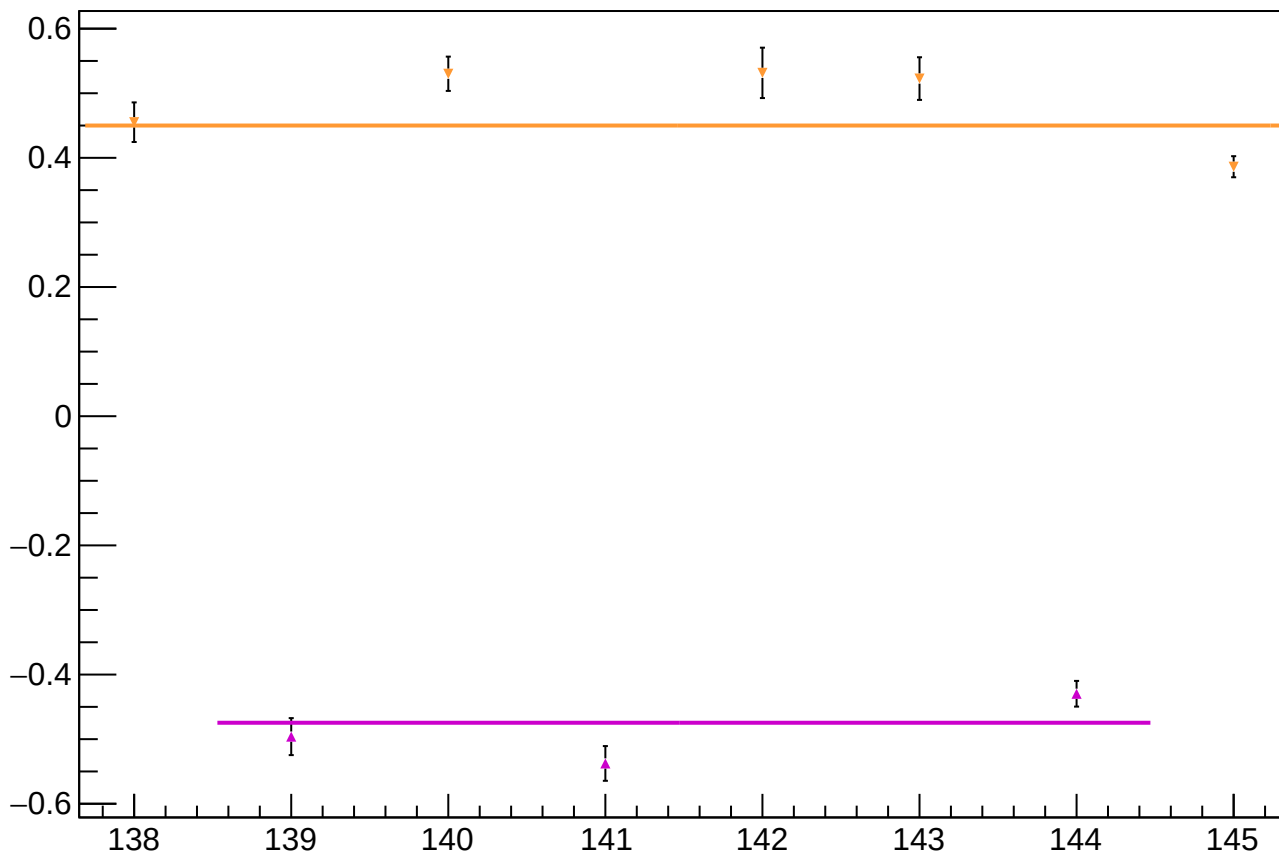
Left In: 14.009+/-0.293 χ^2/NDF :191.8/2

-14.457+/-0.242 χ^2/NDF : 1044.0/4

-2.940+/-0.187 χ^2/NDF : 6837.6/7

14.009+/-0.293 χ^2/NDF : 191.8/2

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.450+/-0.011 χ^2/NDF : 33.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

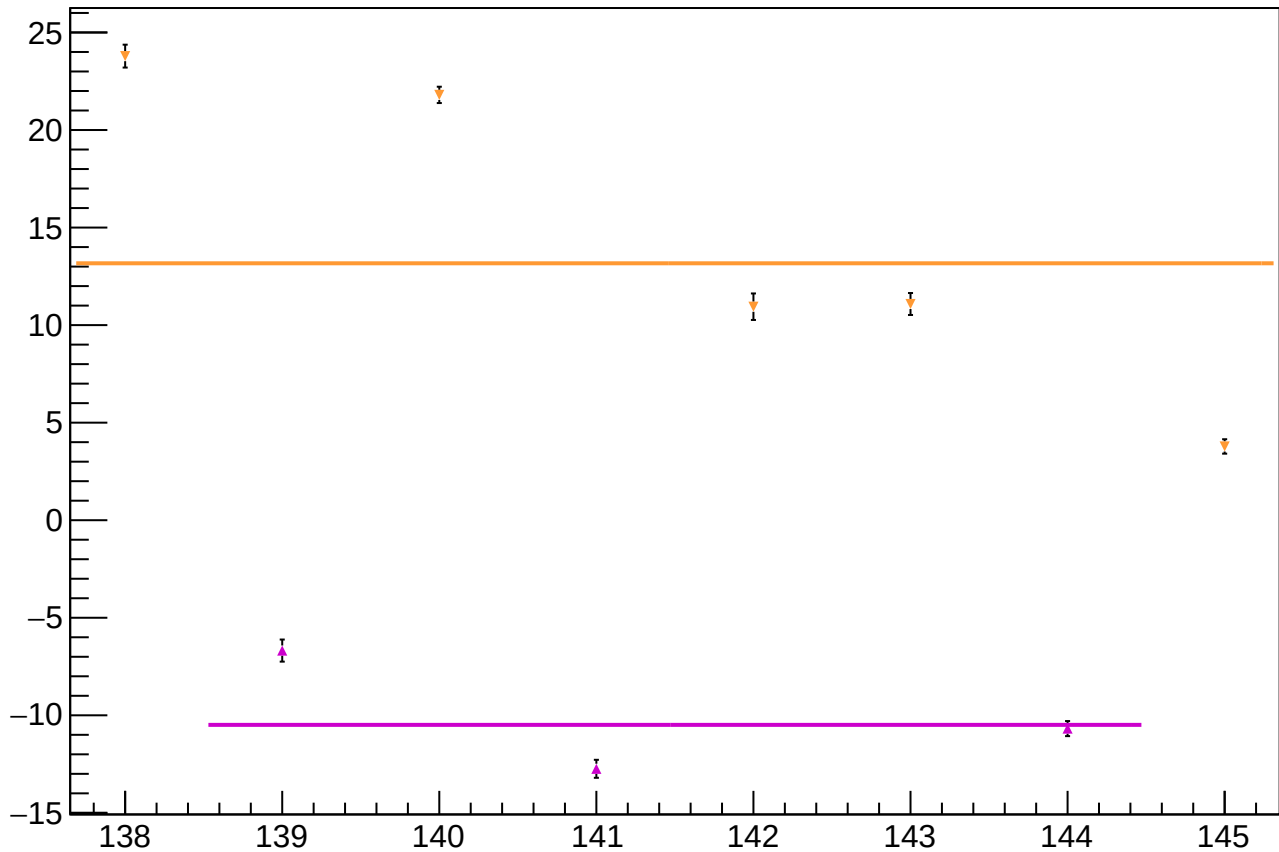
Left In: -0.475+/-0.014 χ^2/NDF : 11.1/2

0.450+/-0.011 χ^2/NDF : 33.6/4

0.084+/-0.009 χ^2/NDF : 2691.8/7

-0.475+/-0.014 χ^2/NDF : 11.1/2

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: 13.169+/-0.217 χ^2/NDF : 1423.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

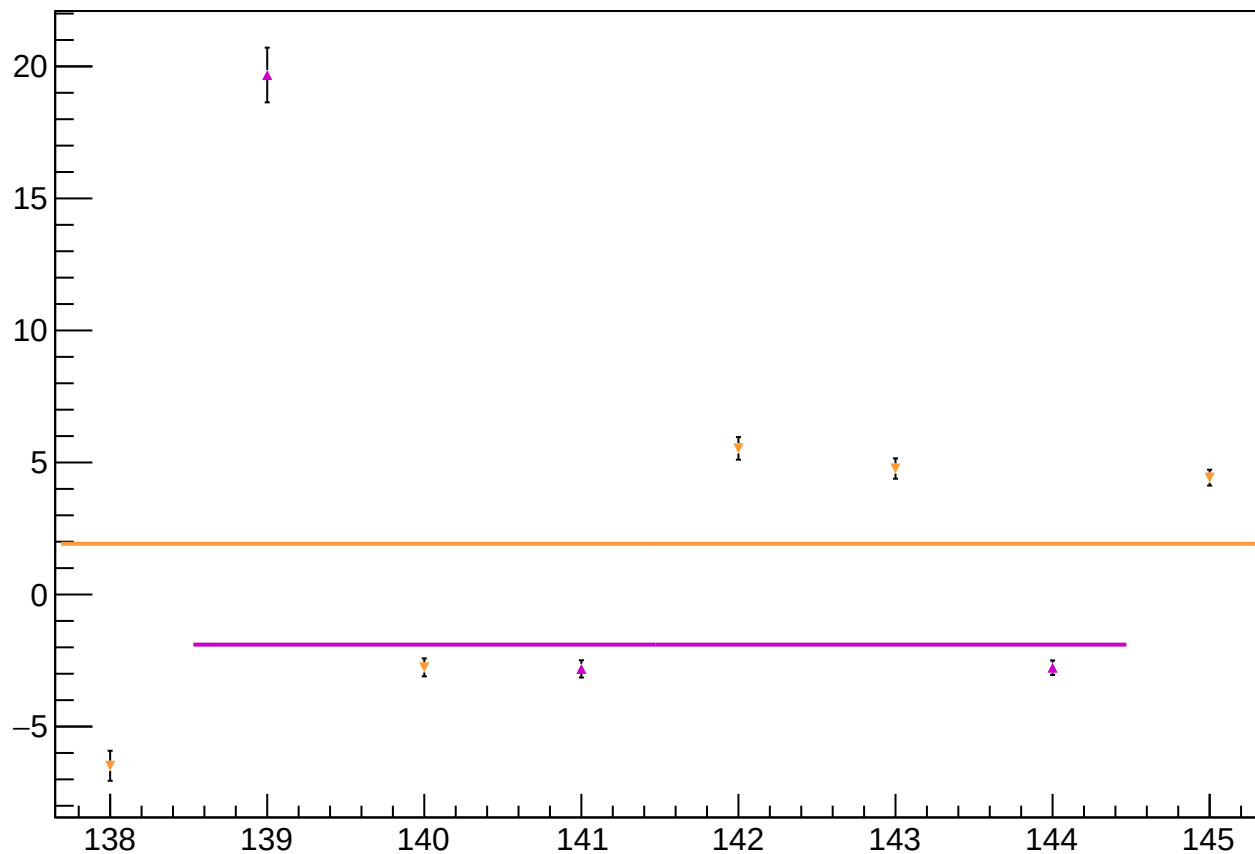
Left In: -10.490+/-0.262 χ^2/NDF : 69.3/2

13.169+/-0.217 χ^2/NDF : 1423.6/4

3.568+/-0.167 χ^2/NDF : 6323.9/7

-10.490+/-0.262 χ^2/NDF : 69.3/2

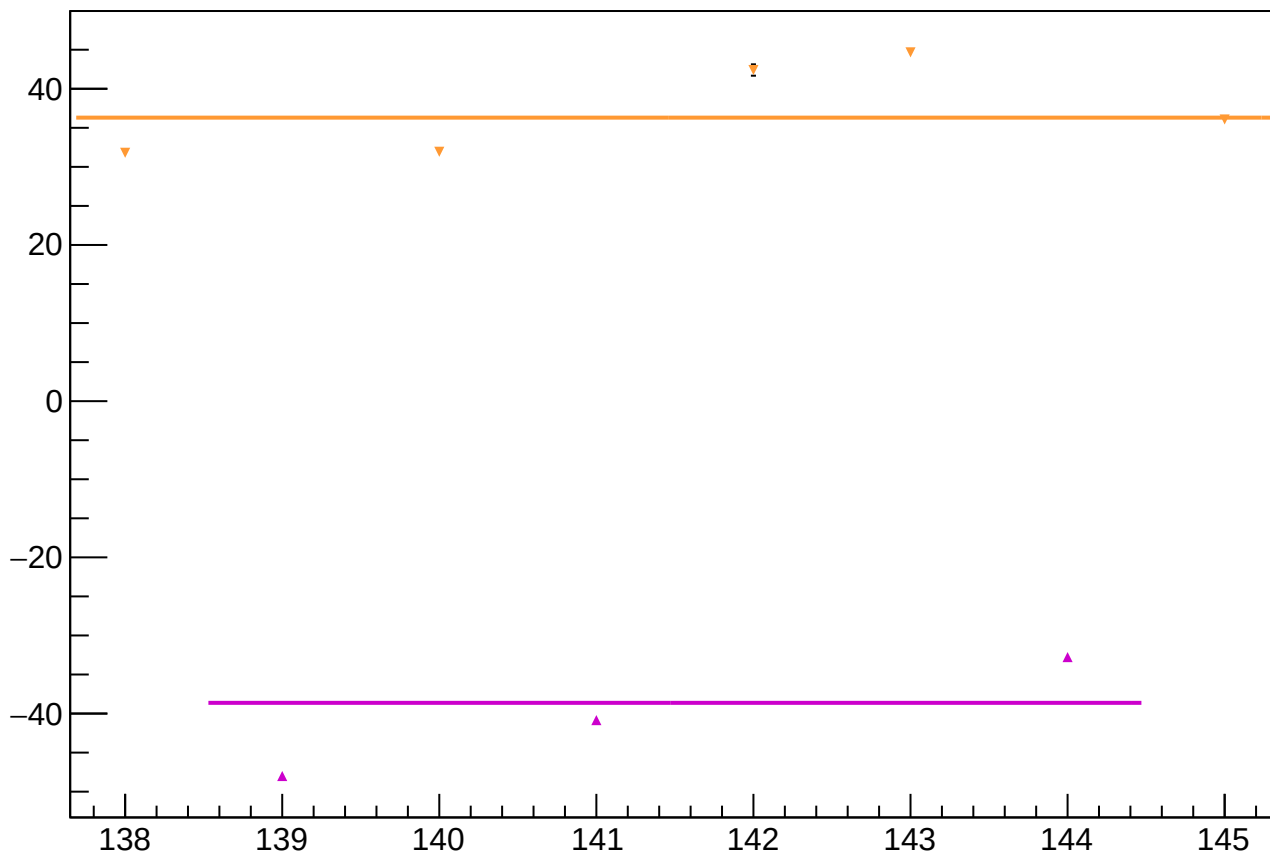
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.922 $\pm$ 0.169 χ^2 /NDF: 603.4/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.897 $\pm$ 0.206 χ^2 /NDF: 452.1/2

1.922 $\pm$ 0.169 χ^2 /NDF: 603.4/4
 0.388 $\pm$ 0.131 χ^2 /NDF: 1260.6/7
 -1.897 $\pm$ 0.206 χ^2 /NDF: 452.1/2

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 36.304+/-0.231 χ^2/NDF : 410.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

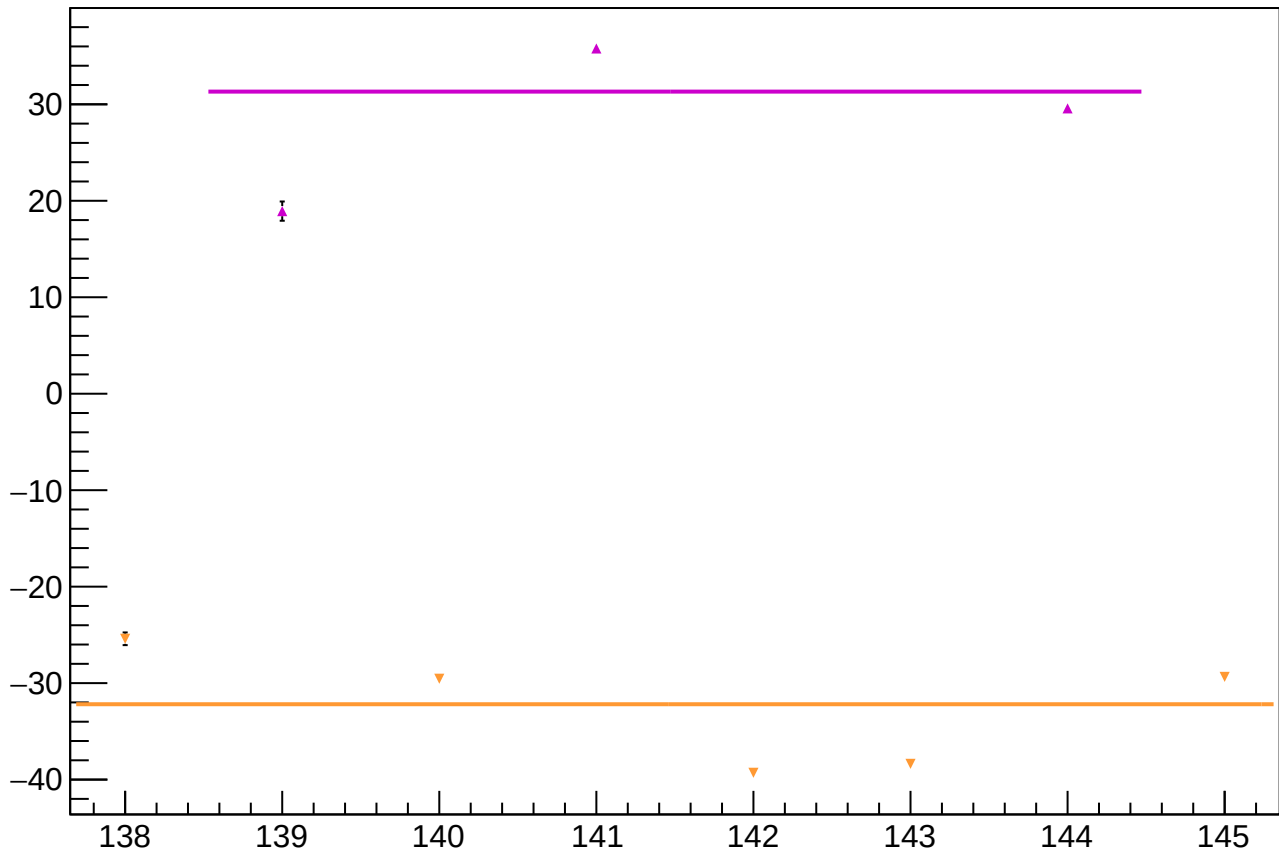
Left In: -38.628+/-0.281 χ^2/NDF : 455.2/2

36.304+/-0.231 χ^2/NDF : 410.6/4

6.030+/-0.179 χ^2/NDF : 43265.3/7

-38.628+/-0.281 χ^2/NDF : 455.2/2

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: -32.188+/-0.200 χ^2/NDF : 579.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

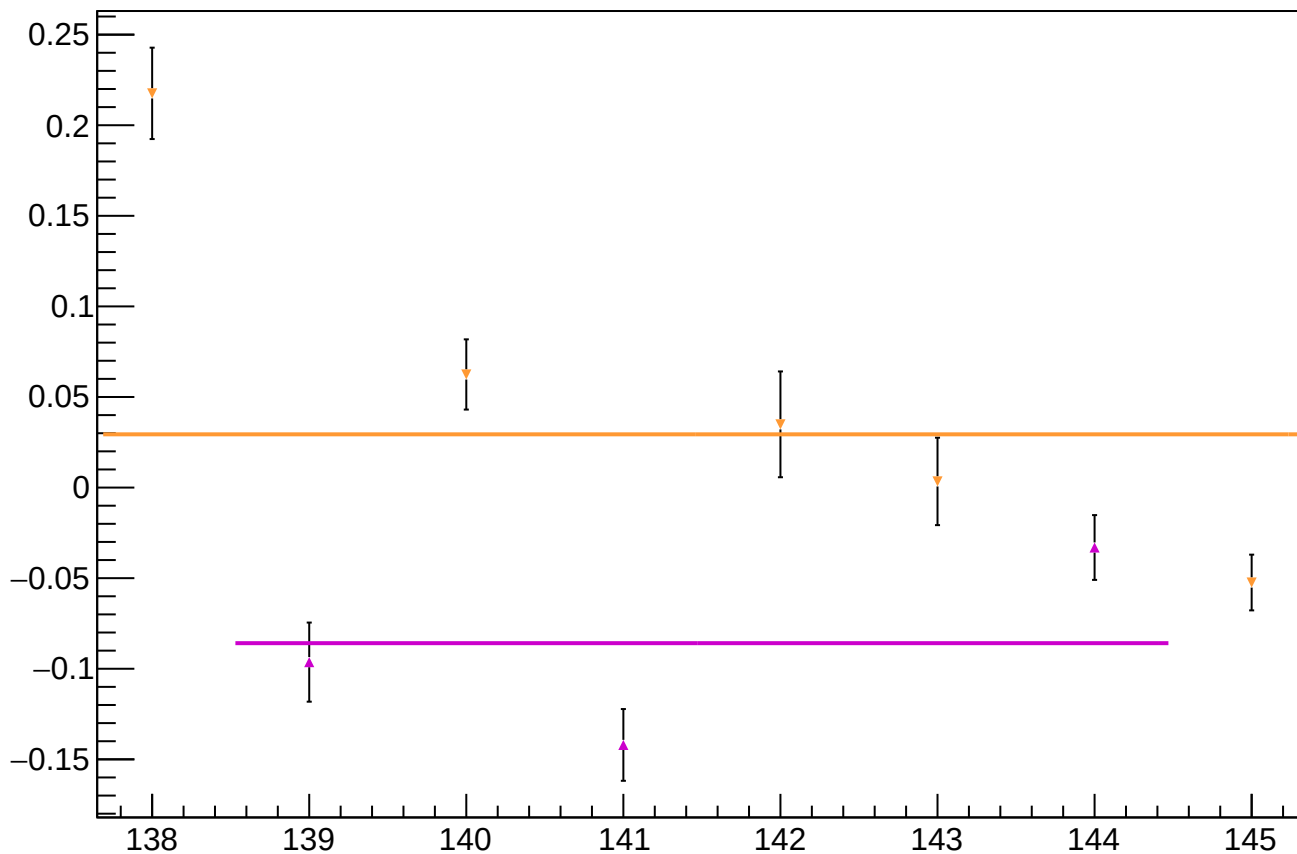
Left In: 31.317+/-0.244 χ^2/NDF : 311.1/2

-32.188+/-0.200 χ^2/NDF : 579.4/4

-6.596+/-0.155 χ^2/NDF : 41401.1/7

31.317+/-0.244 χ^2/NDF : 311.1/2

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.029+/-0.009 χ^2/NDF : 88.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

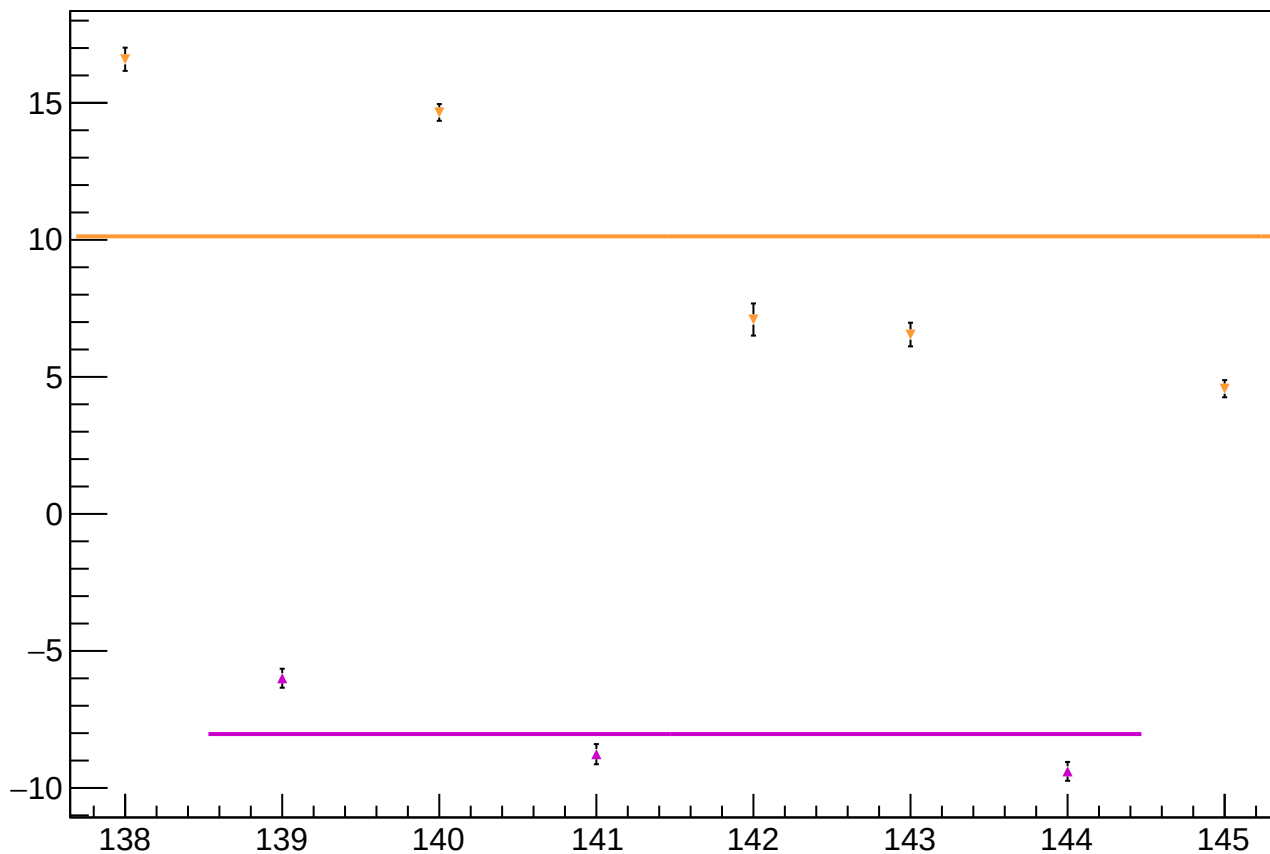
Left In: -0.086+/-0.011 χ^2/NDF : 17.0/2

0.029+/-0.009 χ^2/NDF : 88.1/4

-0.017+/-0.007 χ^2/NDF : 166.4/7

-0.086+/-0.011 χ^2/NDF : 17.0/2

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 10.128 $\pm$ 0.170 χ^2 /NDF:861.6/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

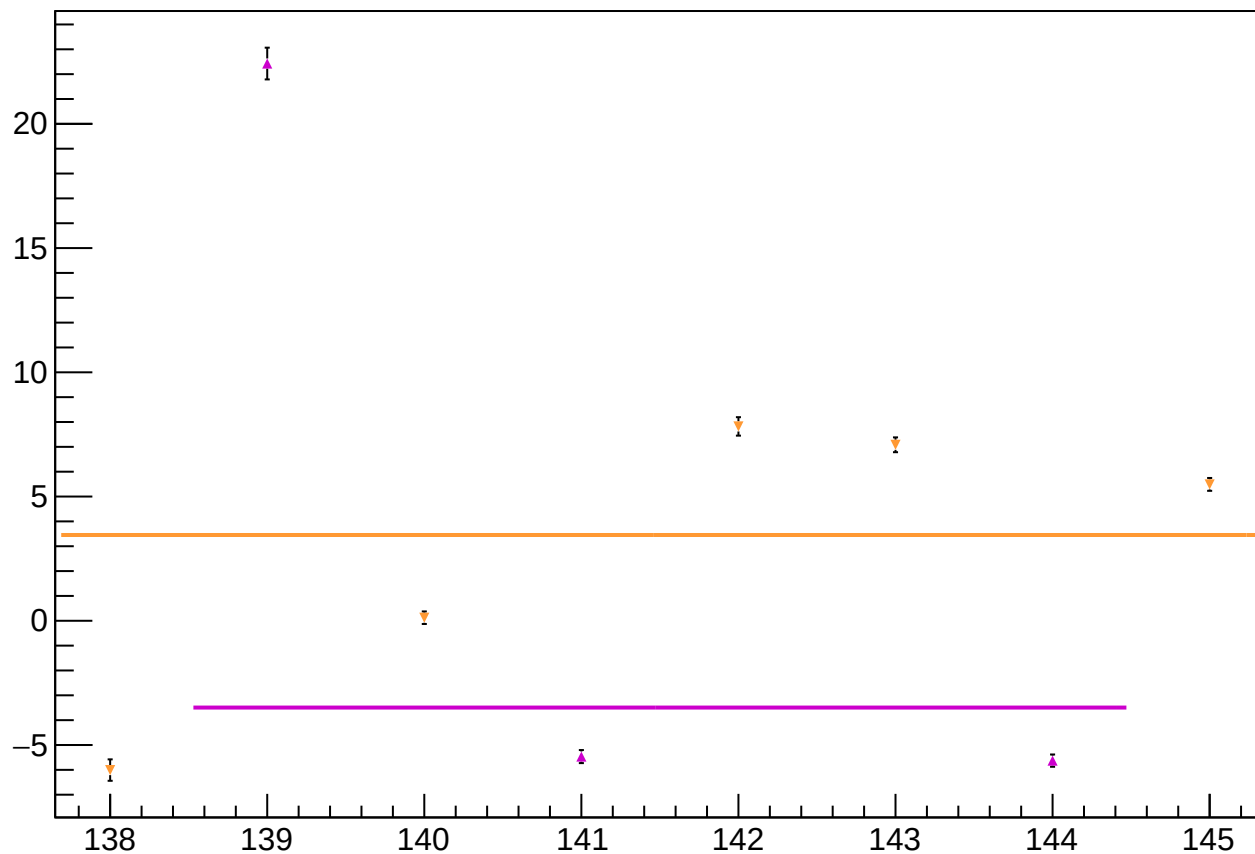
Left In: -8.033 $\pm$ 0.204 χ^2 /NDF:54.0/2

10.128 $\pm$ 0.170 χ^2 /NDF: 861.6/4

2.684 $\pm$ 0.130 χ^2 /NDF: 5611.1/7

-8.033 $\pm$ 0.204 χ^2 /NDF: 54.0/2

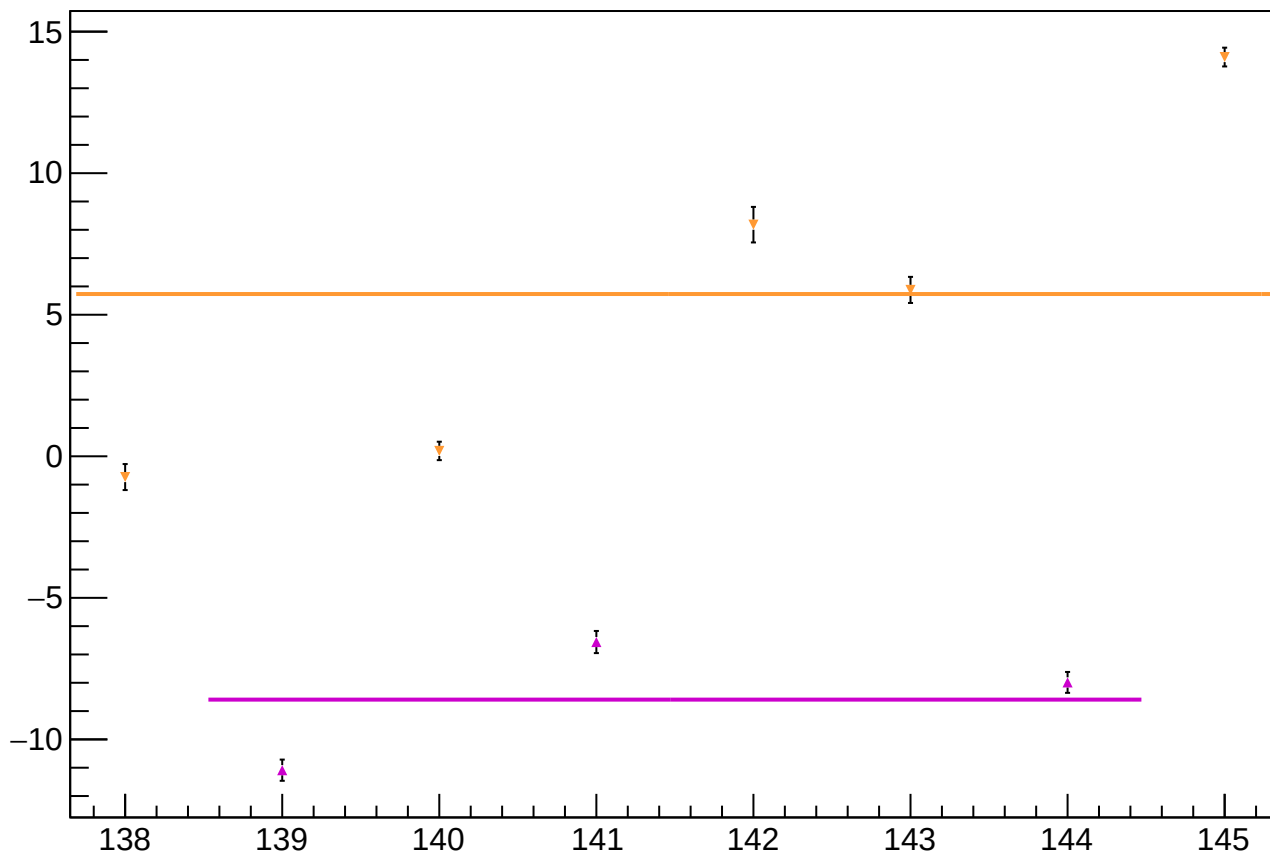
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.452+/-0.136 χ^2/NDF : 1002.8/4
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.493+/-0.173 χ^2/NDF : 1776.5/2

3.452+/-0.136 χ^2/NDF : 1002.8/4
 0.818+/-0.107 χ^2/NDF : 3775.7/7
 -3.493+/-0.173 χ^2/NDF : 1776.5/2

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 5.732 $\pm$ 0.181 χ^2 /NDF: 1140.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

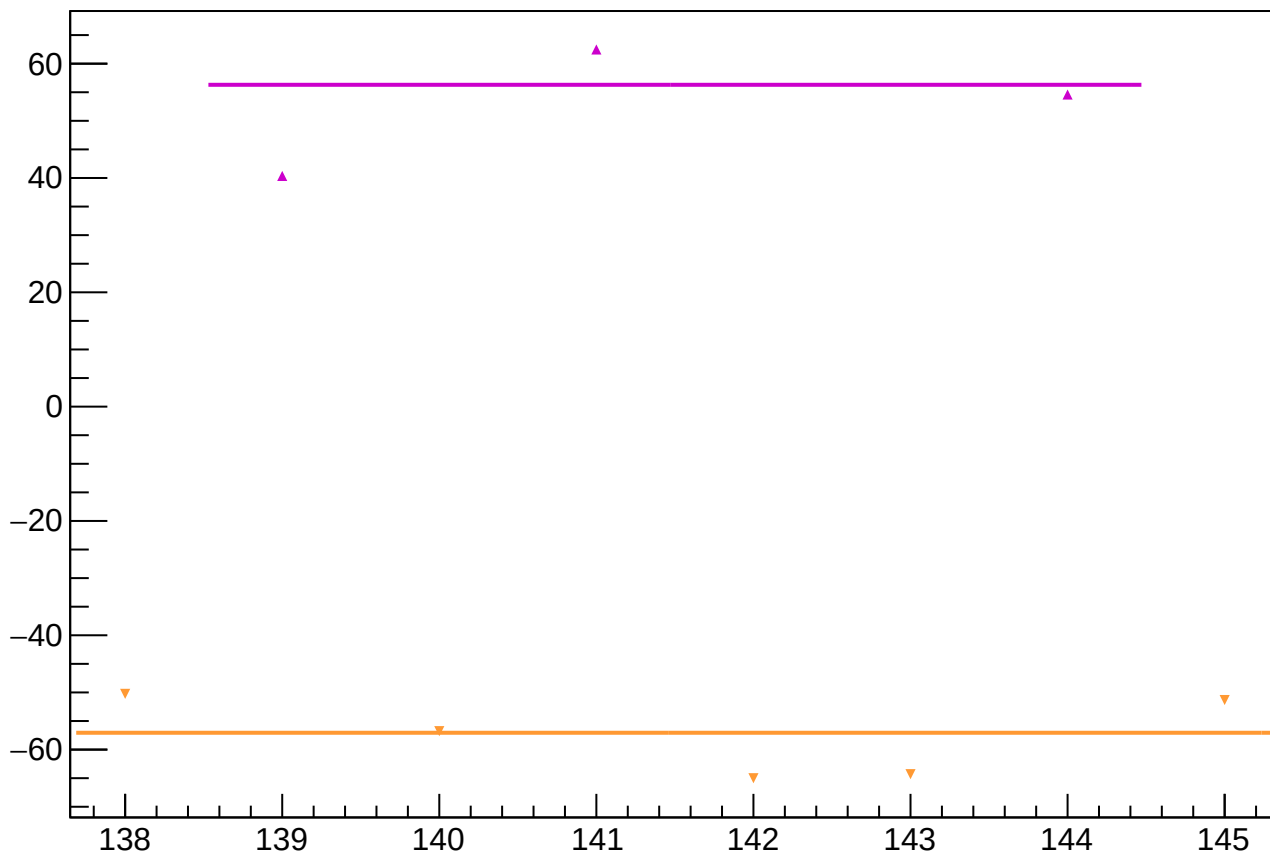
Left In: -8.595 $\pm$ 0.218 χ^2 /NDF: 74.0/2

5.732 $\pm$ 0.181 χ^2 /NDF: 1140.7/4

-0.108 $\pm$ 0.139 χ^2 /NDF: 3768.3/7

-8.595 $\pm$ 0.218 χ^2 /NDF: 74.0/2

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: -57.054+/-0.160 χ^2/NDF :1286.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

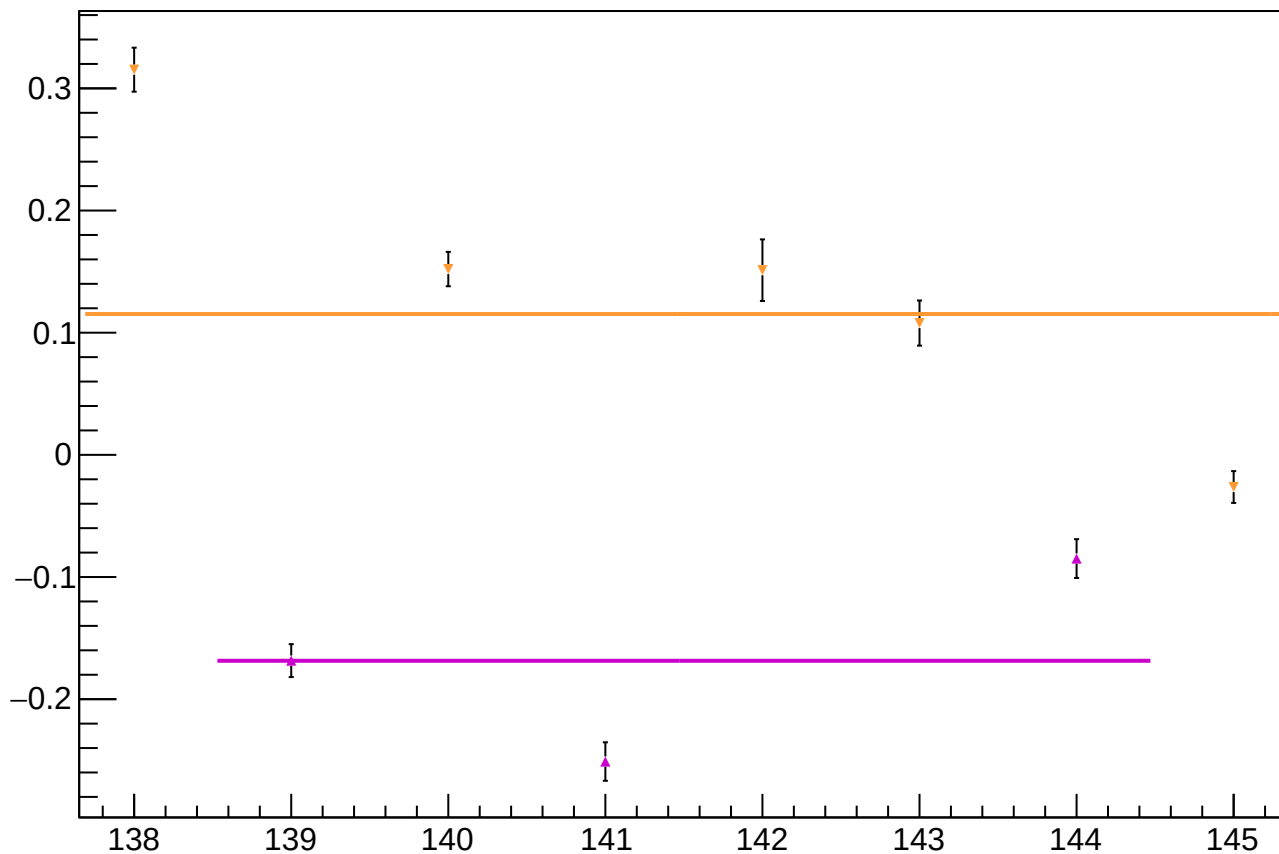
Left In: 56.303+/-0.203 χ^2/NDF :1085.6/2

-57.054+/-0.160 χ^2/NDF : 1286.9/4

-13.457+/-0.126 χ^2/NDF : 195047.1/7

56.303+/-0.203 χ^2/NDF : 1085.6/2

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: 0.115 $\pm$ 0.007 χ^2 /NDF: 250.7/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

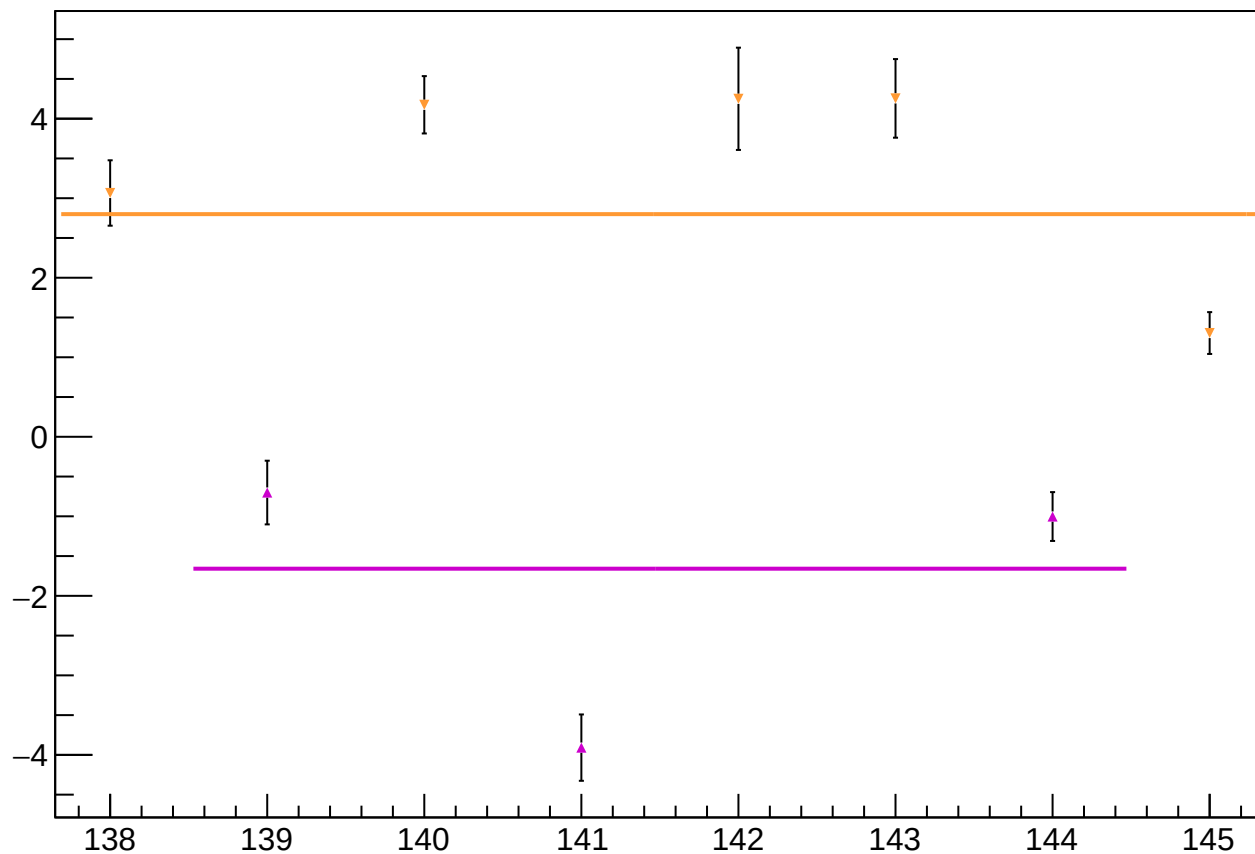
Left In: -0.169 $\pm$ 0.009 χ^2 /NDF: 55.1/2

0.115 $\pm$ 0.007 χ^2 /NDF: 250.7/4

-0.004 $\pm$ 0.006 χ^2 /NDF: 935.4/7

-0.169 $\pm$ 0.009 χ^2 /NDF: 55.1/2

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: 2.800 ± 0.170 χ^2/NDF : 61.0/4

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

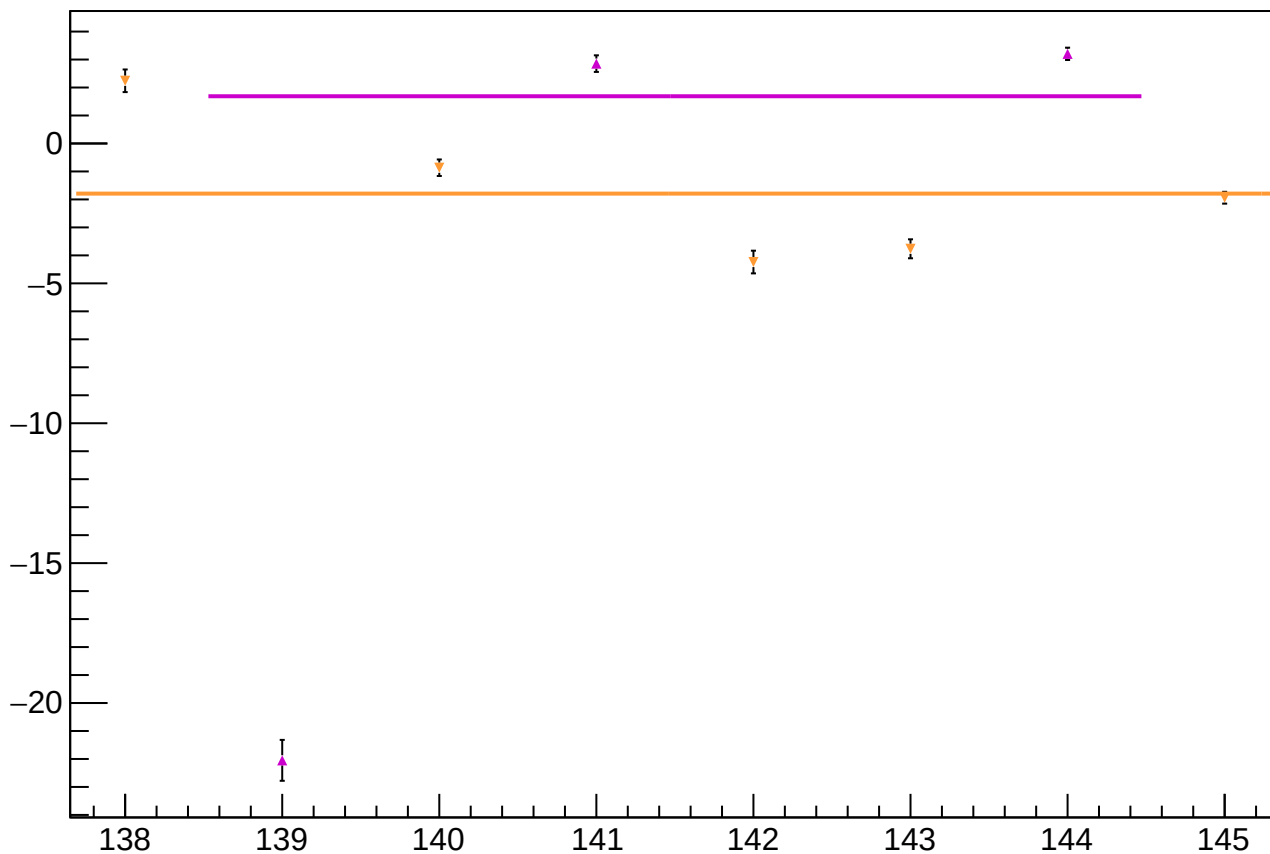
Left In: -1.659 ± 0.210 χ^2/NDF : 39.4/2

2.800 ± 0.170 χ^2/NDF : 61.0/4

1.038 ± 0.132 χ^2/NDF : 372.0/7

-1.659 ± 0.210 χ^2/NDF : 39.4/2

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.792+/-0.135 χ^2/NDF : 180.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

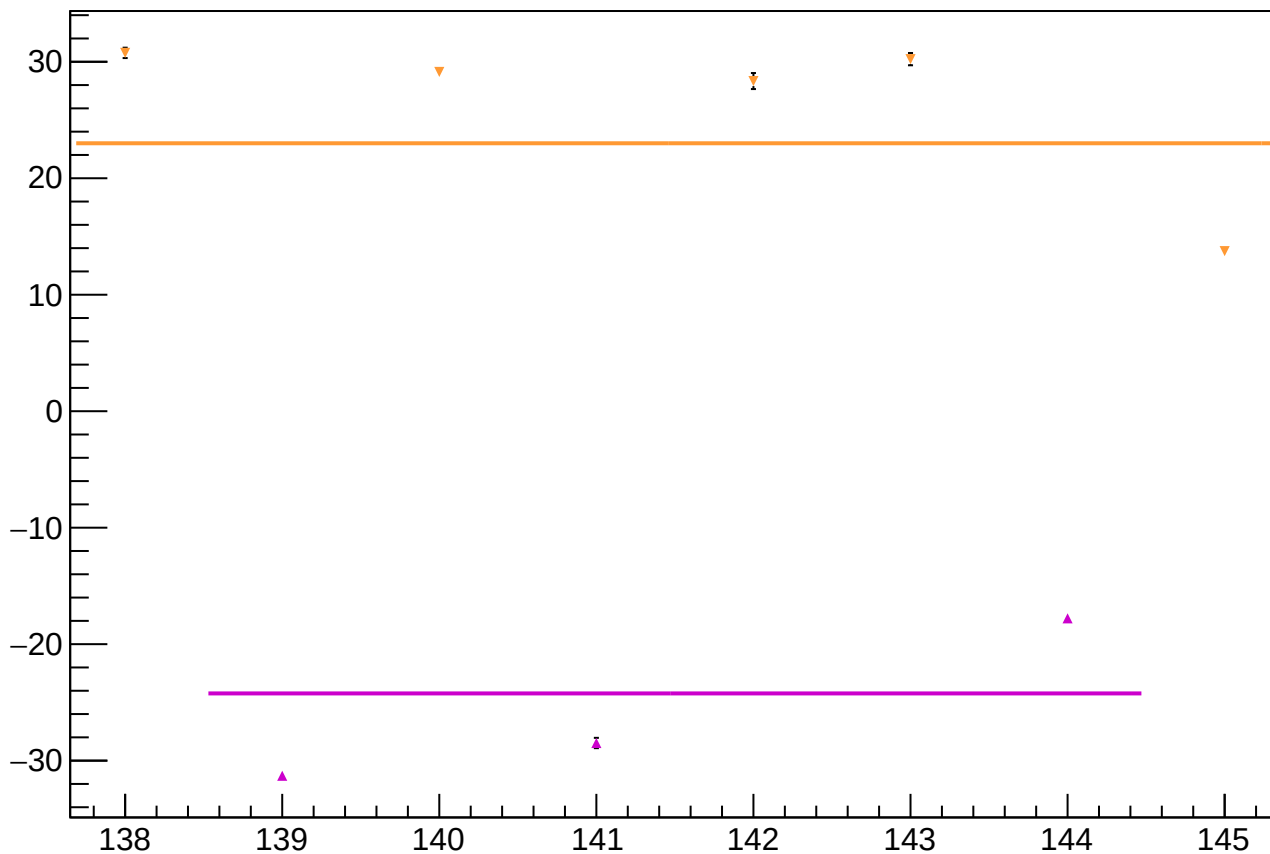
Left In: 1.688+/-0.172 χ^2/NDF : 1117.0/2

-1.792+/-0.135 χ^2/NDF : 180.0/4

-0.464+/-0.106 χ^2/NDF : 1550.1/7

1.688+/-0.172 χ^2/NDF : 1117.0/2

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: 23.003+/-0.182 χ^2/NDF : 1896.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

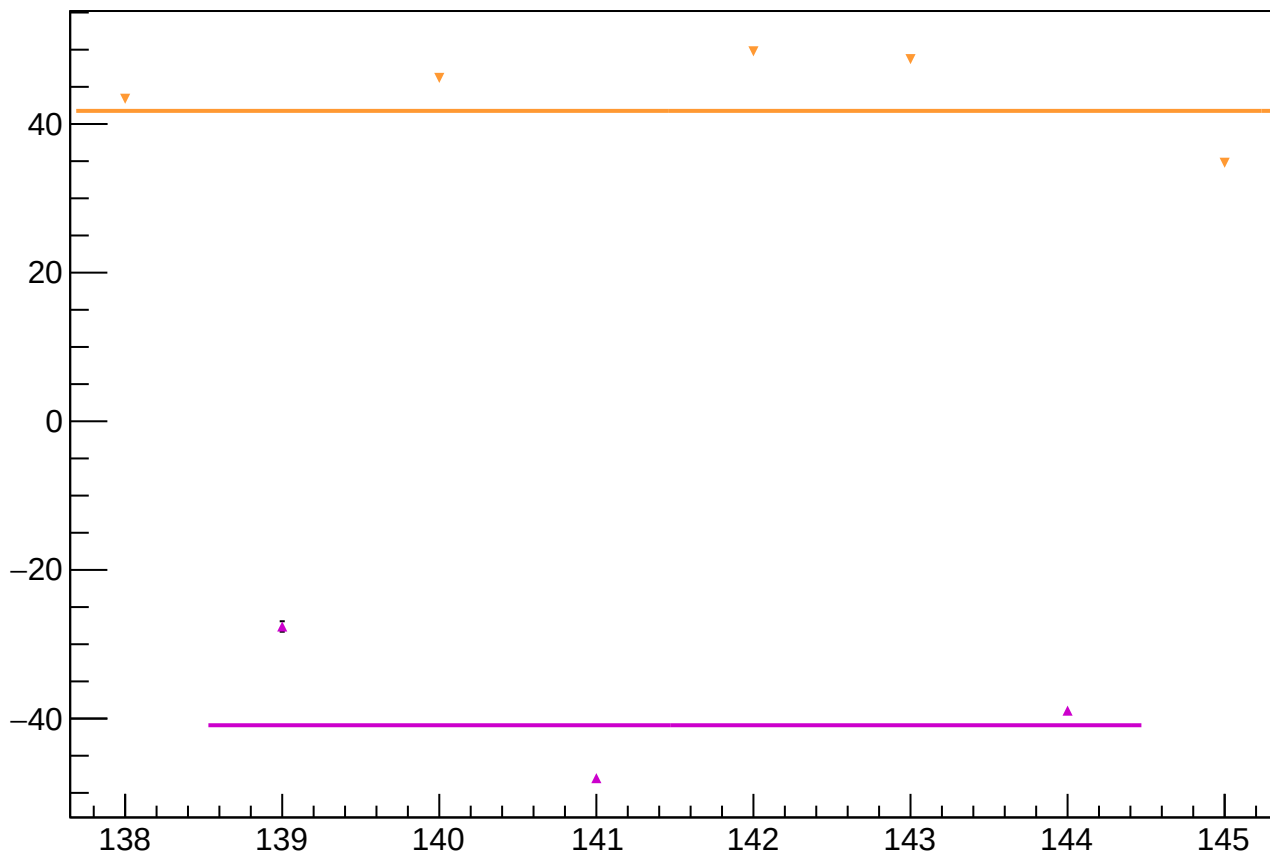
Left In: -24.229+/-0.226 χ^2/NDF : 741.9/2

23.003+/-0.182 χ^2/NDF : 1896.7/4

4.409+/-0.142 χ^2/NDF : 29199.8/7

-24.229+/-0.226 χ^2/NDF : 741.9/2

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: 41.766+/-0.159 χ^2/NDF : 1542.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

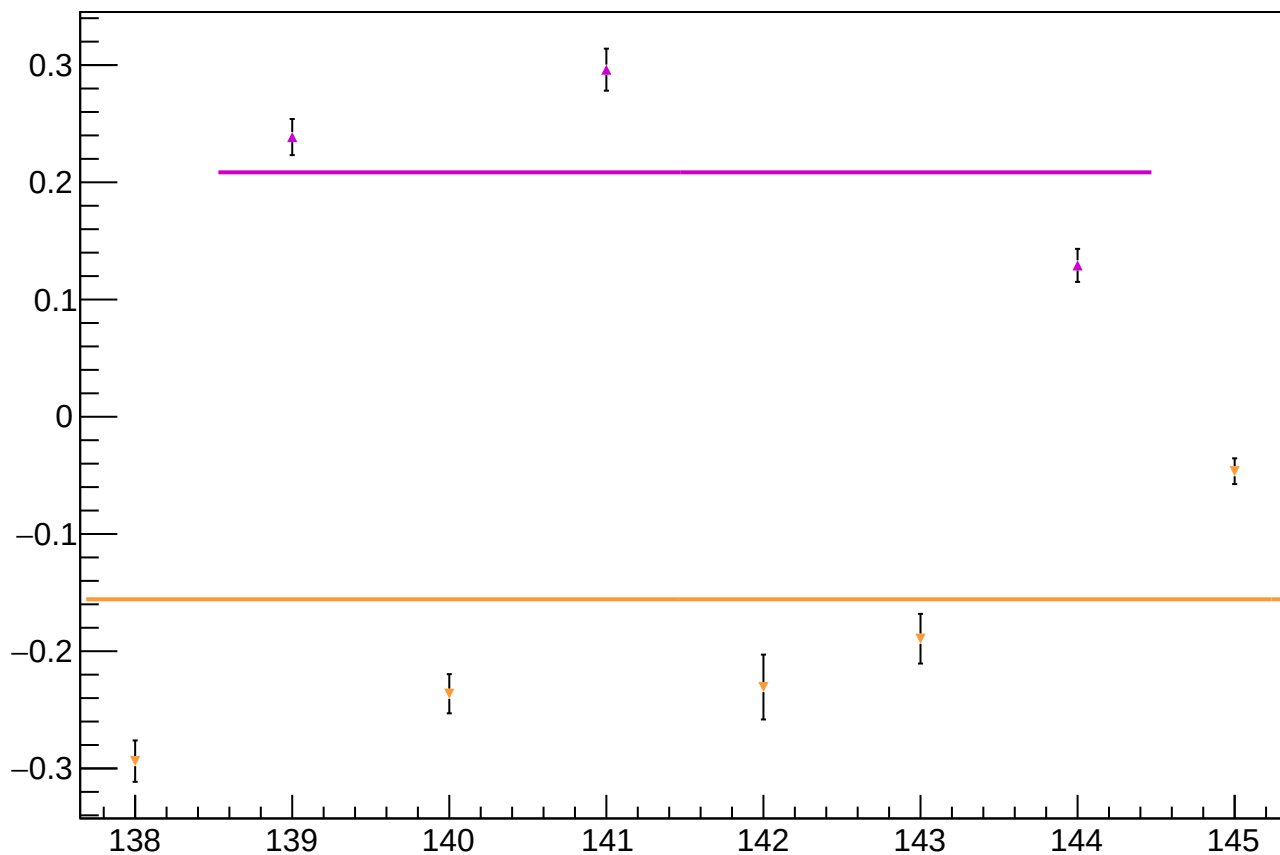
Left In: -40.900+/-0.202 χ^2/NDF : 808.8/2

41.766+/-0.159 χ^2/NDF : 1542.1/4

10.048+/-0.125 χ^2/NDF : 105720.0/7

-40.900+/-0.202 χ^2/NDF : 808.8/2

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: -0.156 $\pm$ 0.007 χ^2 /NDF:193.3/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

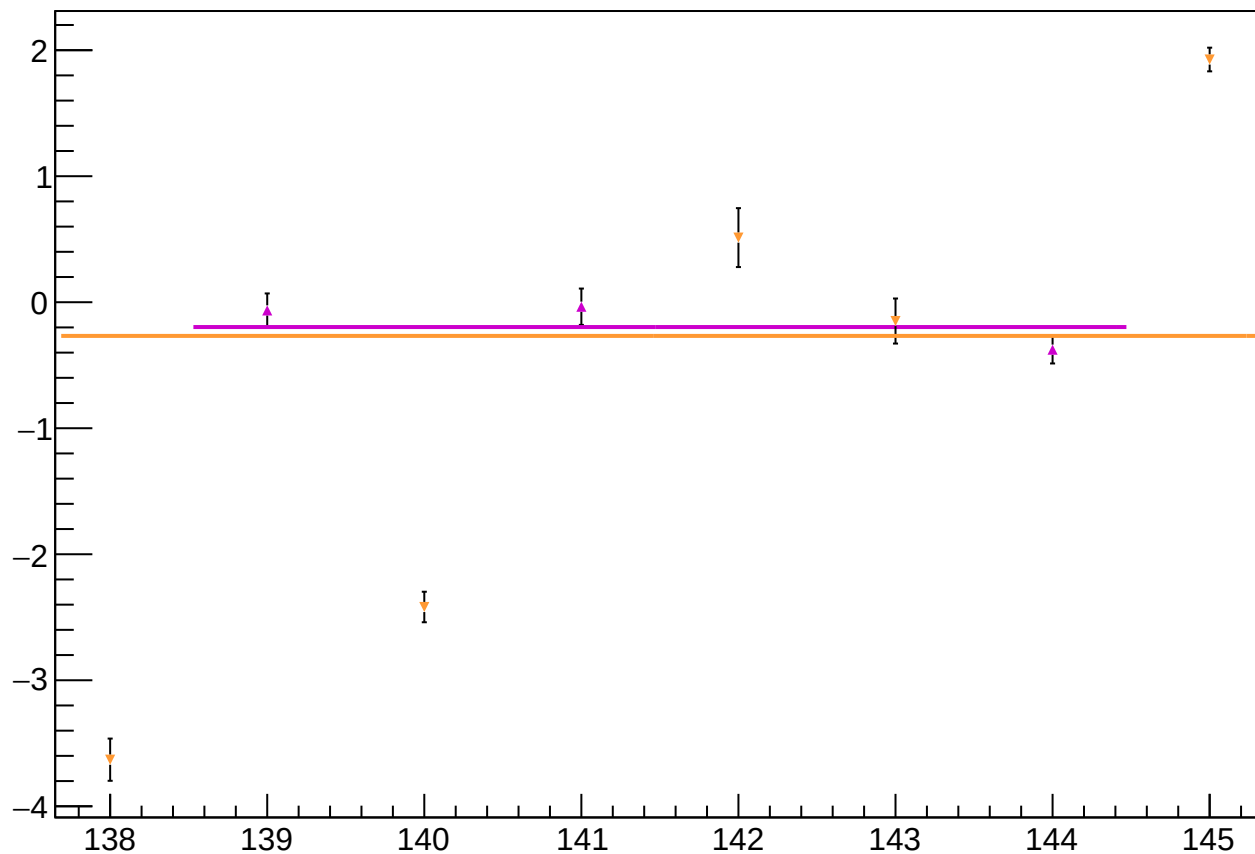
Left In: 0.209 $\pm$ 0.009 χ^2 /NDF:59.4/2

-0.156 $\pm$ 0.007 χ^2 /NDF: 193.3/4

-0.010 $\pm$ 0.006 χ^2 /NDF: 1238.2/7

0.209 $\pm$ 0.009 χ^2 /NDF: 59.4/2

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.267 $\pm$ 0.061 χ^2 /NDF:1275.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

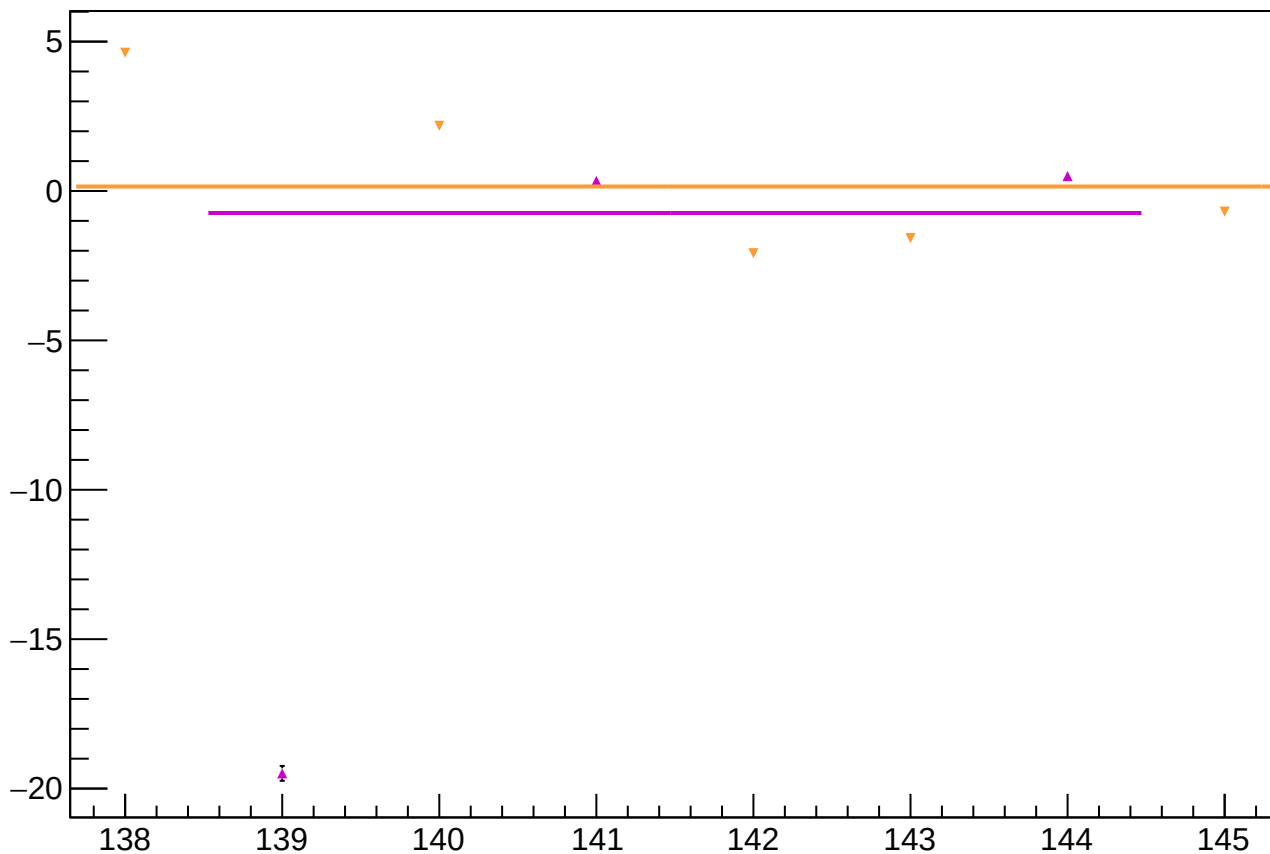
Left In: -0.197 $\pm$ 0.073 χ^2 /NDF:4.9/2

-0.267 $\pm$ 0.061 χ^2 /NDF: 1275.1/4

-0.238 $\pm$ 0.047 χ^2 /NDF: 1280.6/7

-0.197 $\pm$ 0.073 χ^2 /NDF: 4.9/2

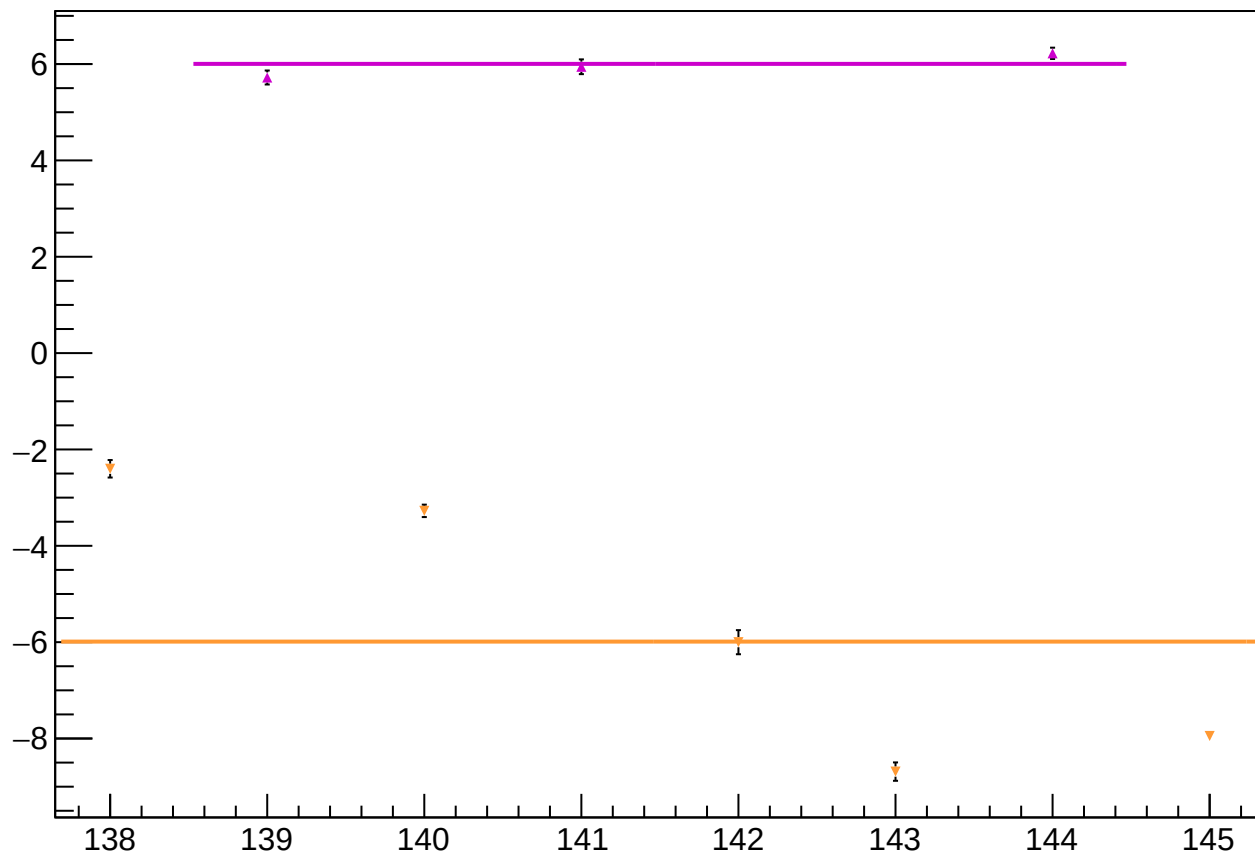
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.151 ± 0.049 χ^2/NDF : 1657.3/4
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -0.737 ± 0.061 χ^2/NDF : 6021.4/2

0.151 ± 0.049 χ^2/NDF : 1657.3/4
 -0.200 ± 0.038 χ^2/NDF : 7808.3/7
 -0.737 ± 0.061 χ^2/NDF : 6021.4/2

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -5.988 ± 0.065 $\chi^2/\text{NDF}: 1419.3/4$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

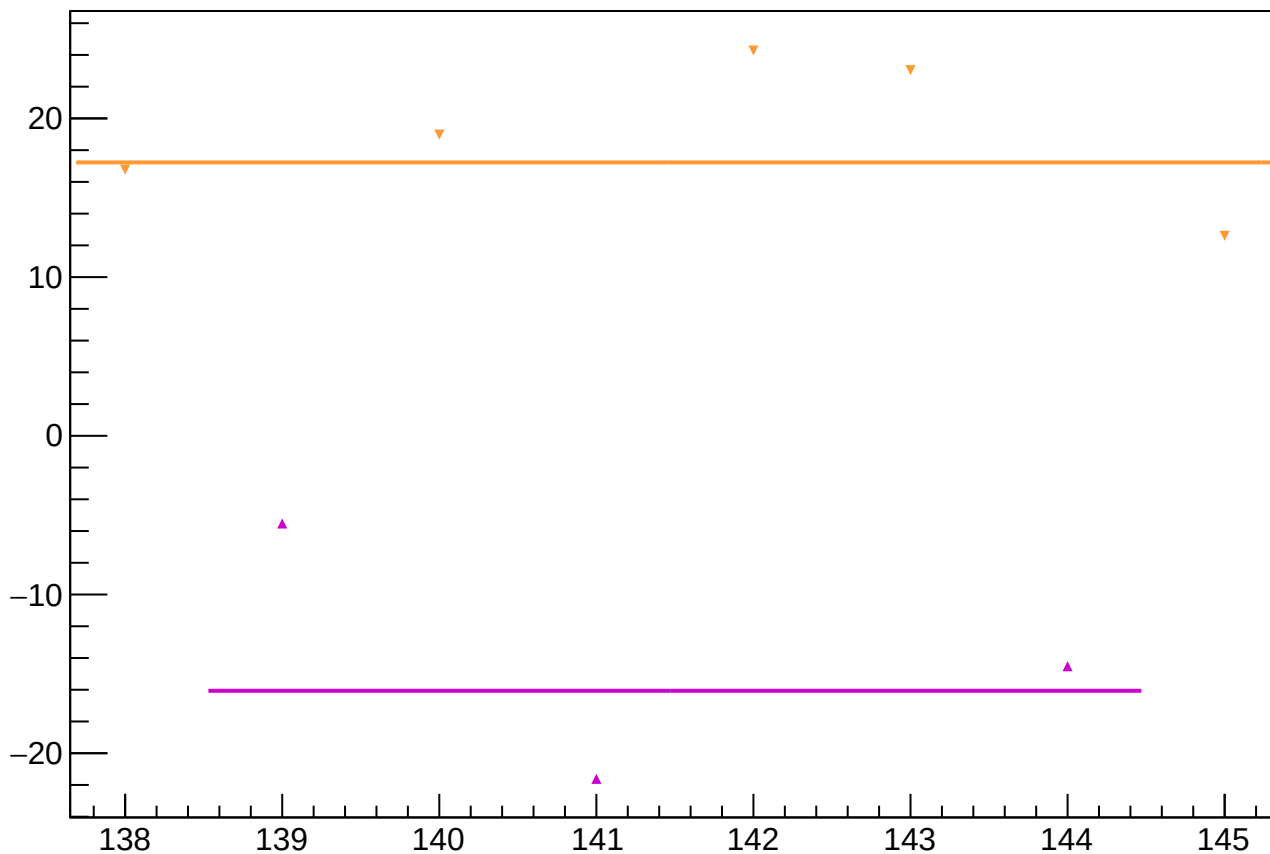
Left In: 6.004 ± 0.078 $\chi^2/\text{NDF}: 7.4/2$

-5.988 ± 0.065 $\chi^2/\text{NDF}: 1419.3/4$

-1.080 ± 0.050 $\chi^2/\text{NDF}: 15233.7/7$

6.004 ± 0.078 $\chi^2/\text{NDF}: 7.4/2$

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: 17.228+/-0.058 χ^2/NDF : 6056.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

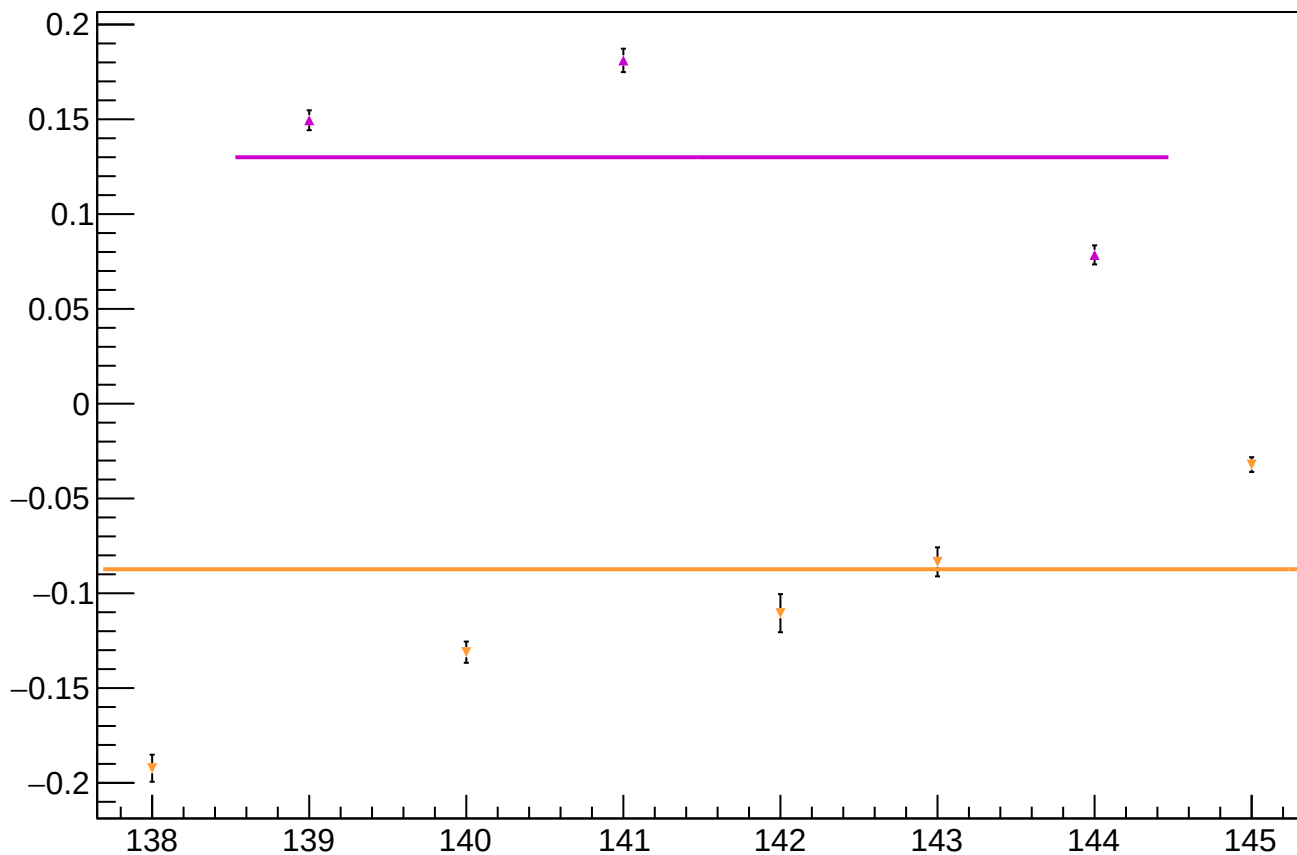
Left In: -16.066+/-0.071 χ^2/NDF : 4208.8/2

17.228+/-0.058 χ^2/NDF : 6056.8/4

3.981+/-0.045 χ^2/NDF : 142801.0/7

-16.066+/-0.071 χ^2/NDF : 4208.8/2

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: -0.087+/-0.003 χ^2 /NDF:482.2/4

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

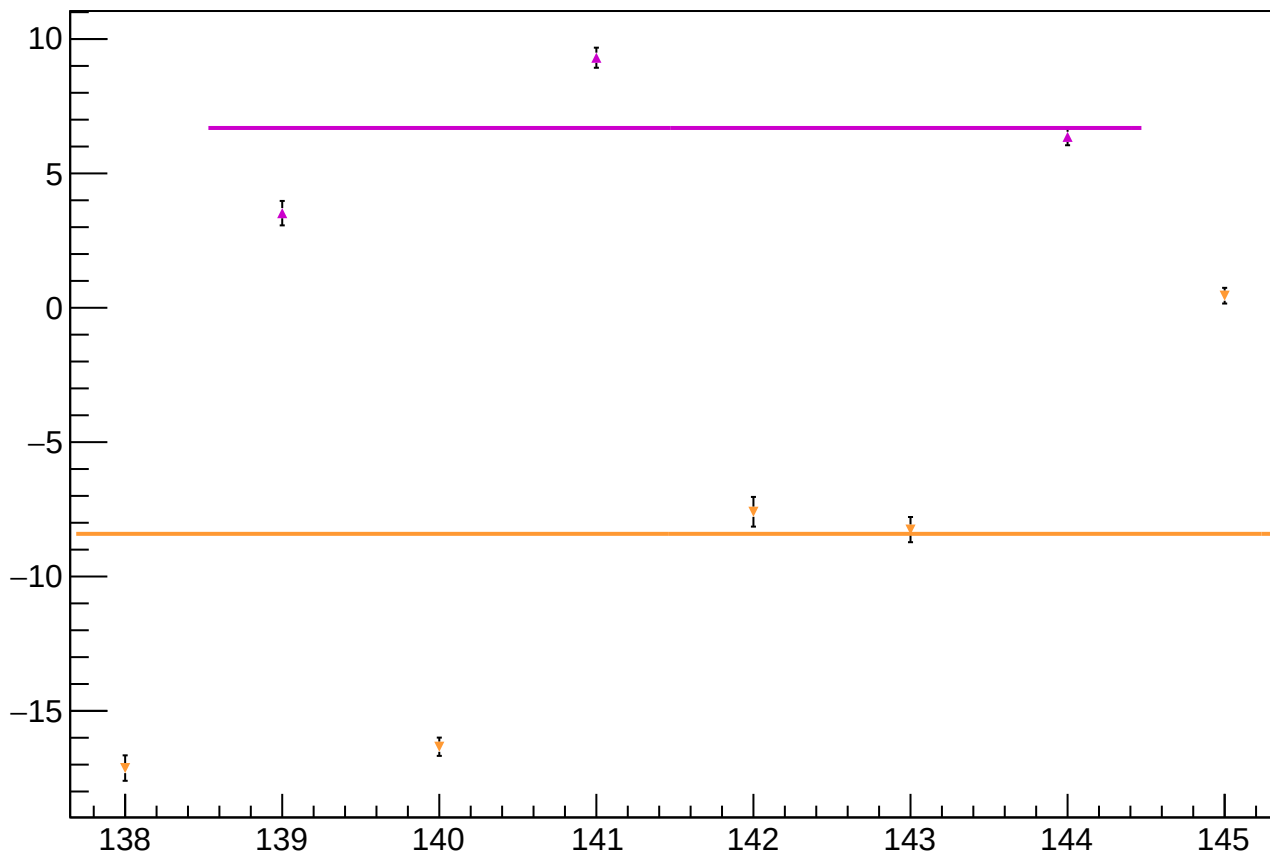
Left In: 0.130+/-0.003 χ^2 /NDF:187.3/2

-0.087+/-0.003 χ^2 /NDF: 482.2/4

0.003+/-0.002 χ^2 /NDF: 3490.4/7

0.130+/-0.003 χ^2 /NDF: 187.3/2

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: -8.412+/-0.175 χ^2/NDF : 1805.4/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

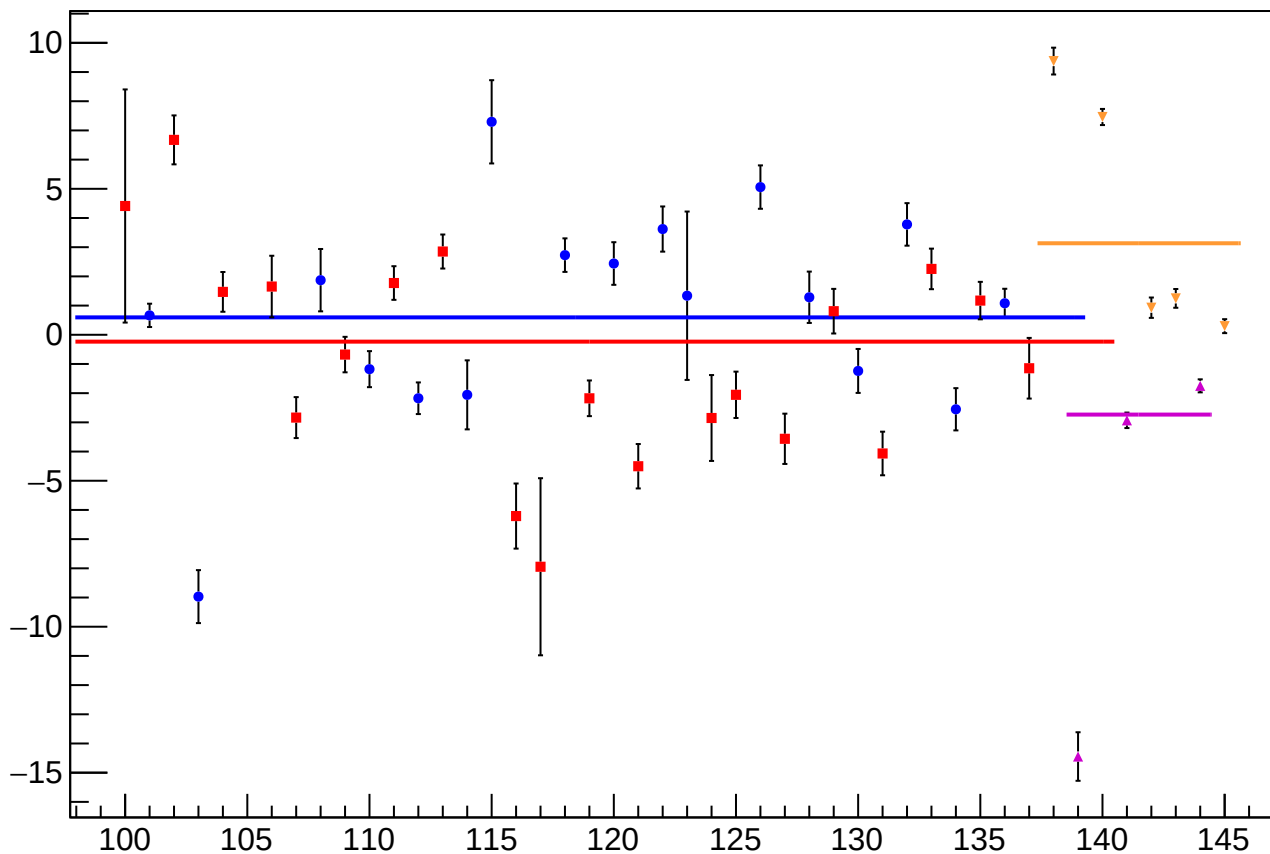
Left In: 6.691+/-0.212 χ^2/NDF : 98.6/2

-8.412+/-0.175 χ^2/NDF : 1805.4/4

-2.300+/-0.135 χ^2/NDF : 4918.9/7

6.691+/-0.212 χ^2/NDF : 98.6/2

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 3.135 ± 0.137 χ^2/NDF : 645.6/4

Right Out: -0.235 ± 0.174 χ^2/NDF : 280.0/19

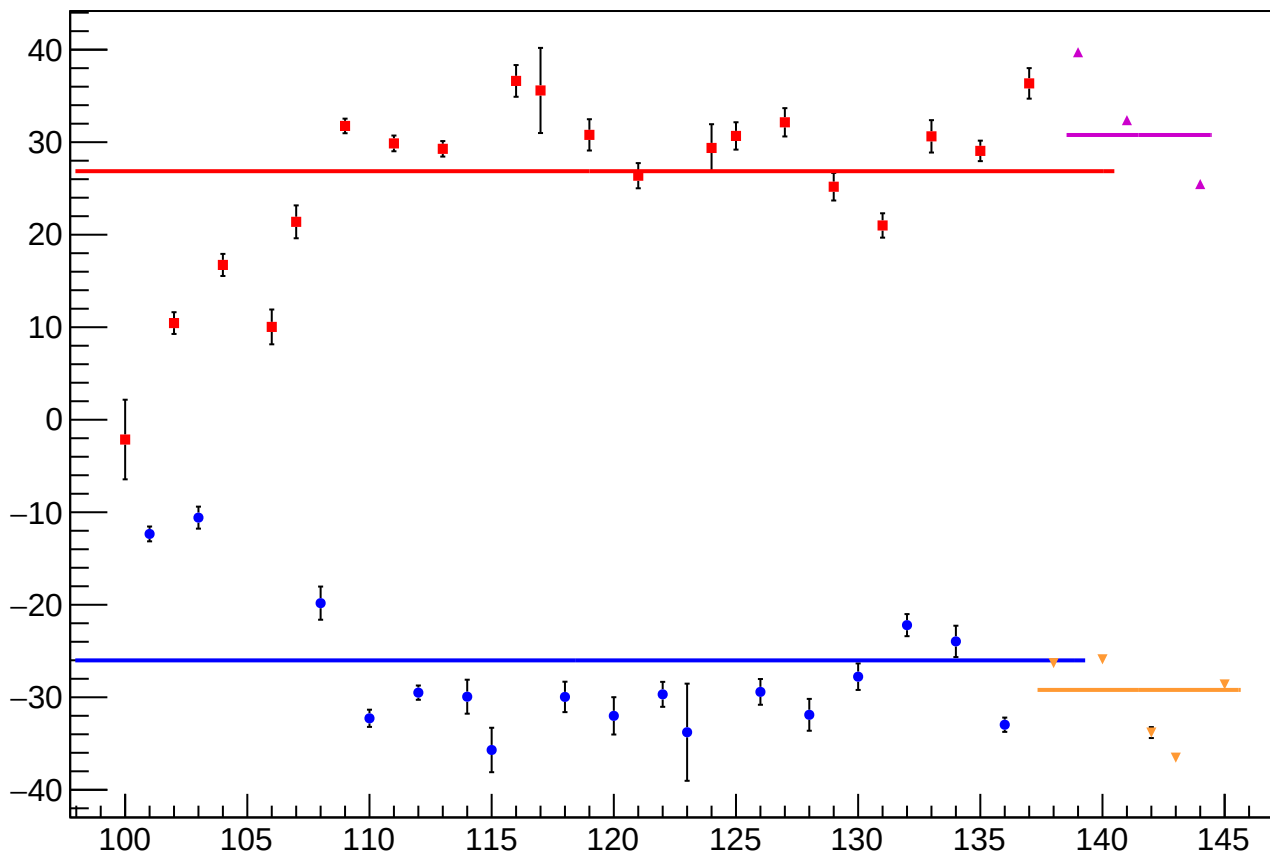
Left In: -2.734 ± 0.167 χ^2/NDF : 218.3/2

2.128 ± 0.106 χ^2/NDF : 1073.0/21

0.526 ± 0.080 χ^2/NDF : 2196.4/44

-1.536 ± 0.121 χ^2/NDF : 605.2/22

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.012+/-0.300 χ^2/NDF : 692.9/16

Left Out: -29.203+/-0.187 χ^2/NDF : 393.7/4

Right Out: 26.866+/-0.297 χ^2/NDF : 585.2/19

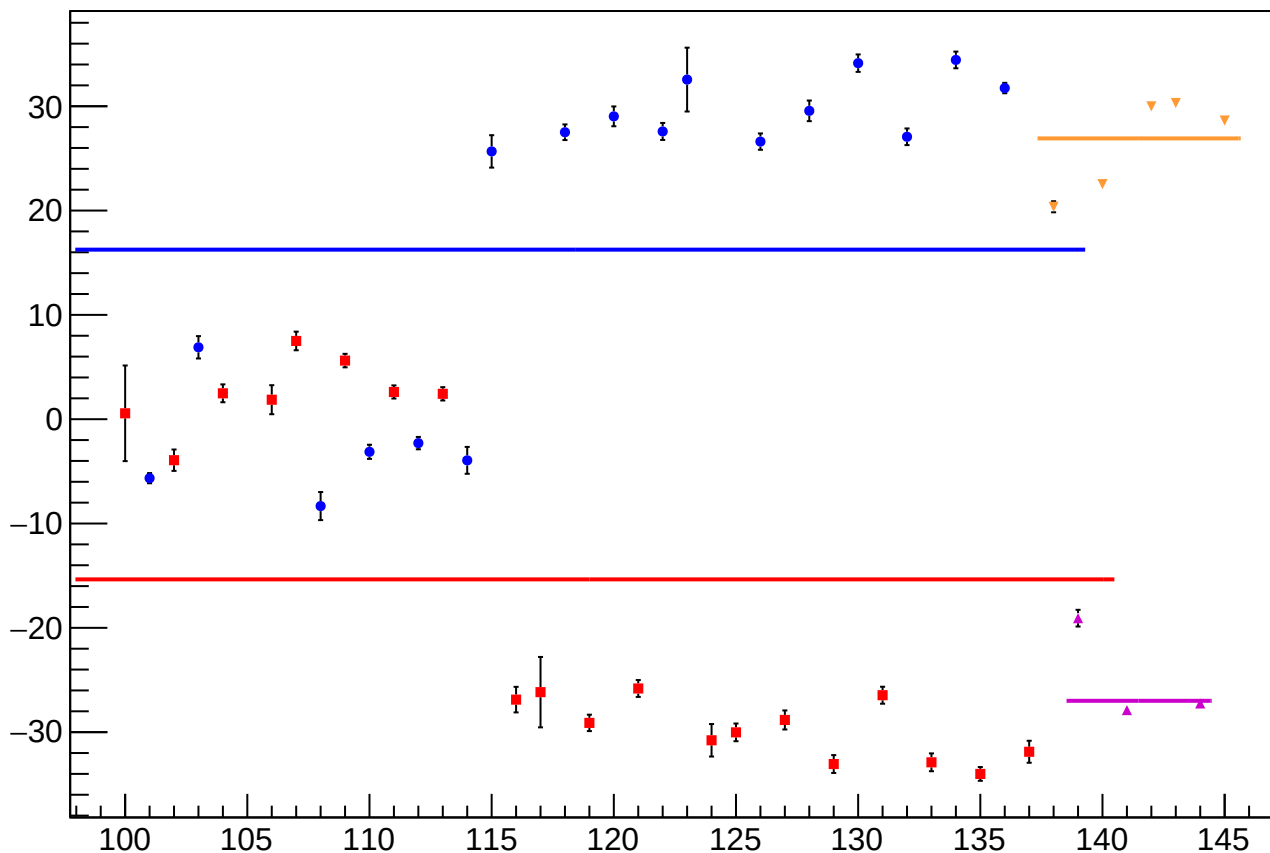
Left In: 30.779+/-0.227 χ^2/NDF : 598.1/2

-28.311+/-0.158 χ^2/NDF : 1168.4/21

-3.232+/-0.119 χ^2/NDF : 60108.0/44

29.333+/-0.180 χ^2/NDF : 1292.9/22

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253 ± 0.191 $\chi^2/\text{NDF}: 7611.3/16$

Left Out: 26.916 ± 0.162 $\chi^2/\text{NDF}: 493.8/4$

Right Out: -15.355 ± 0.197 $\chi^2/\text{NDF}: 7290.4/19$

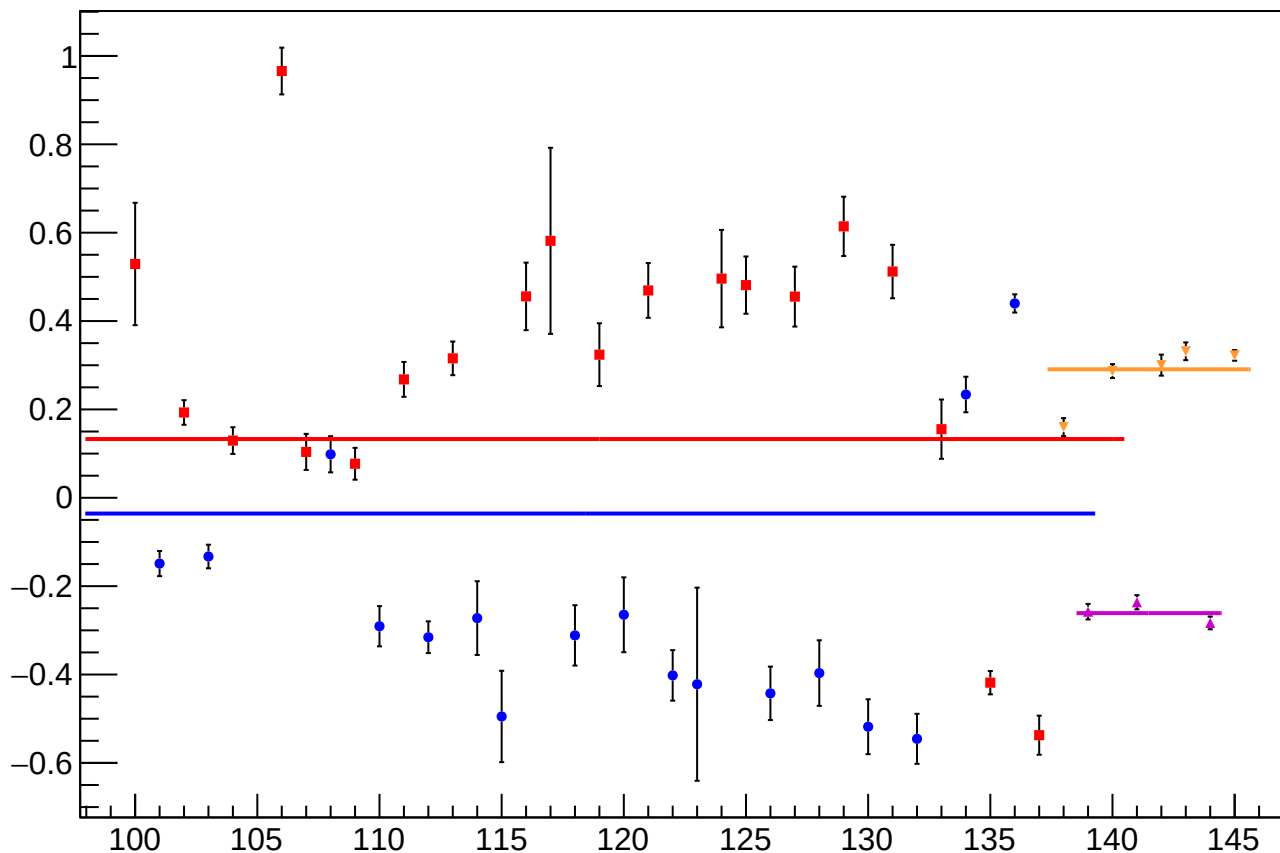
Left In: -26.994 ± 0.198 $\chi^2/\text{NDF}: 106.3/2$

22.451 ± 0.124 $\chi^2/\text{NDF}: 9916.2/21$

3.255 ± 0.092 $\chi^2/\text{NDF}: 73827.9/44$

-21.148 ± 0.139 $\chi^2/\text{NDF}: 9140.3/22$

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.036±/0.010 χ^2/NDF : 1014.5/16

Left Out: 0.291±/0.008 χ^2/NDF : 52.5/4

Right Out: 0.133±/0.010 χ^2/NDF : 1175.8/19

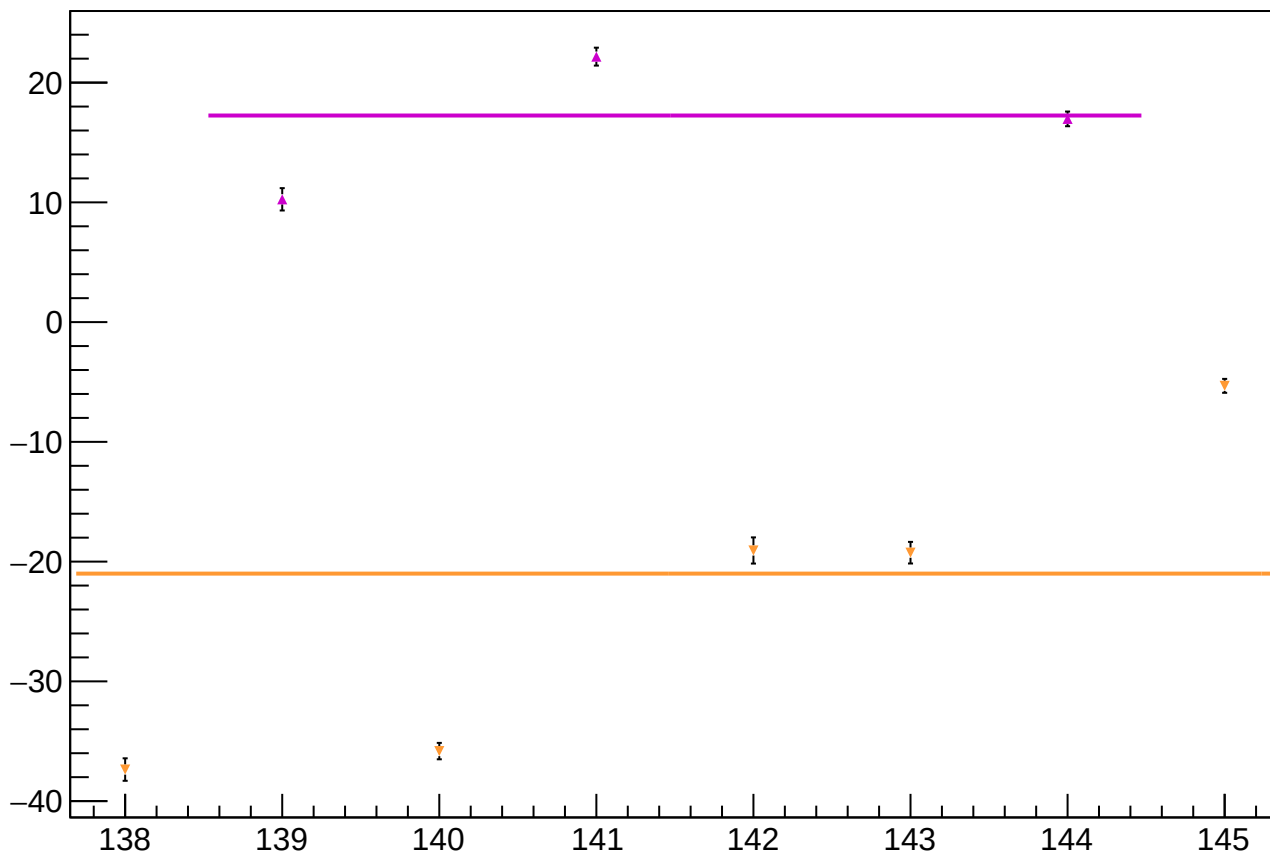
Left In: -0.261±/0.009 χ^2/NDF : 4.7/2

0.177±/0.006 χ^2/NDF : 1718.5/21

0.060±/0.005 χ^2/NDF : 4542.2/44

-0.088±/0.007 χ^2/NDF : 1993.5/22

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: -21.002+/-0.347 χ^2/NDF : 1505.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

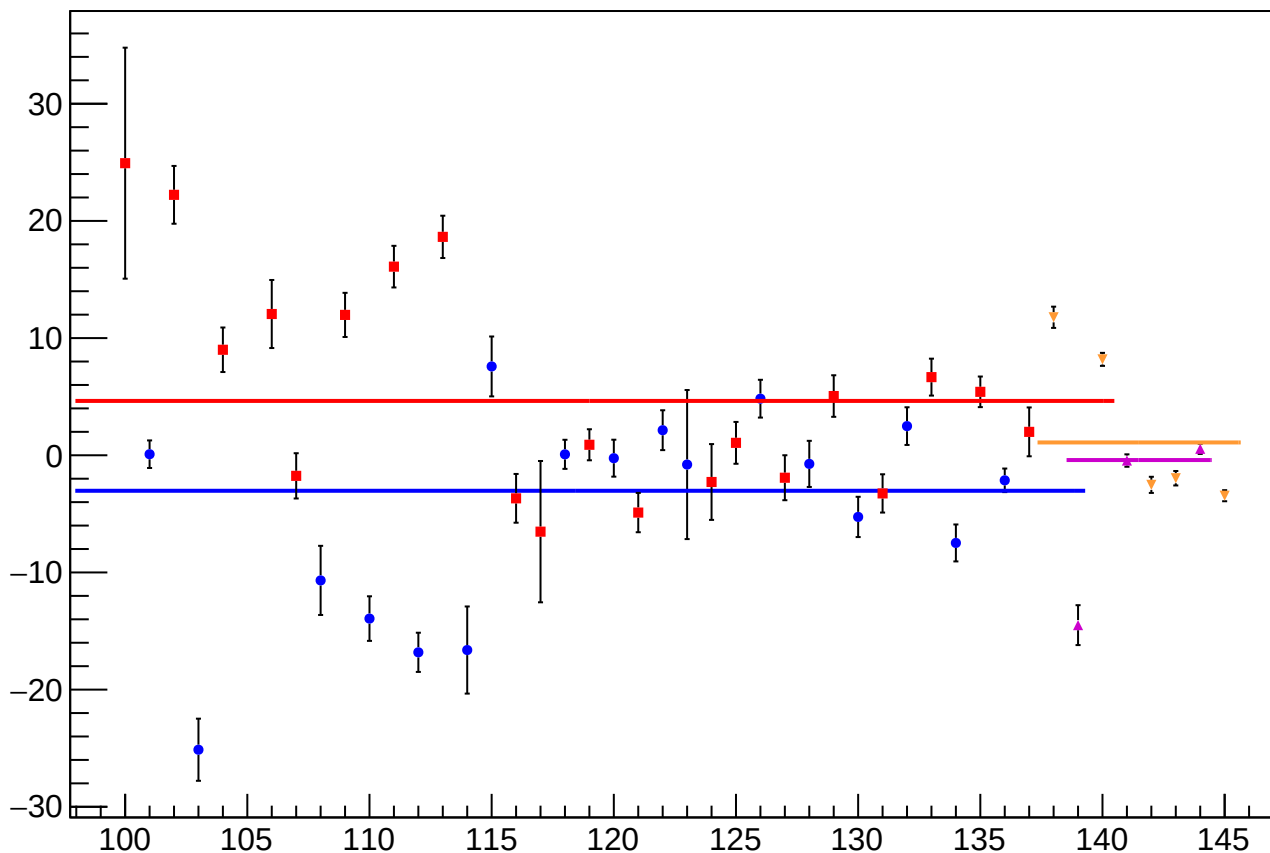
Left In: 17.252+/-0.423 χ^2/NDF : 99.6/2

-21.002+/-0.347 χ^2/NDF : 1505.9/4

-5.600+/-0.268 χ^2/NDF : 6489.5/7

17.252+/-0.423 χ^2/NDF : 99.6/2

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Left Out: 1.094 ± 0.270 χ^2/NDF : 446.5/4

Right Out: 4.638 ± 0.426 χ^2/NDF : 301.7/19

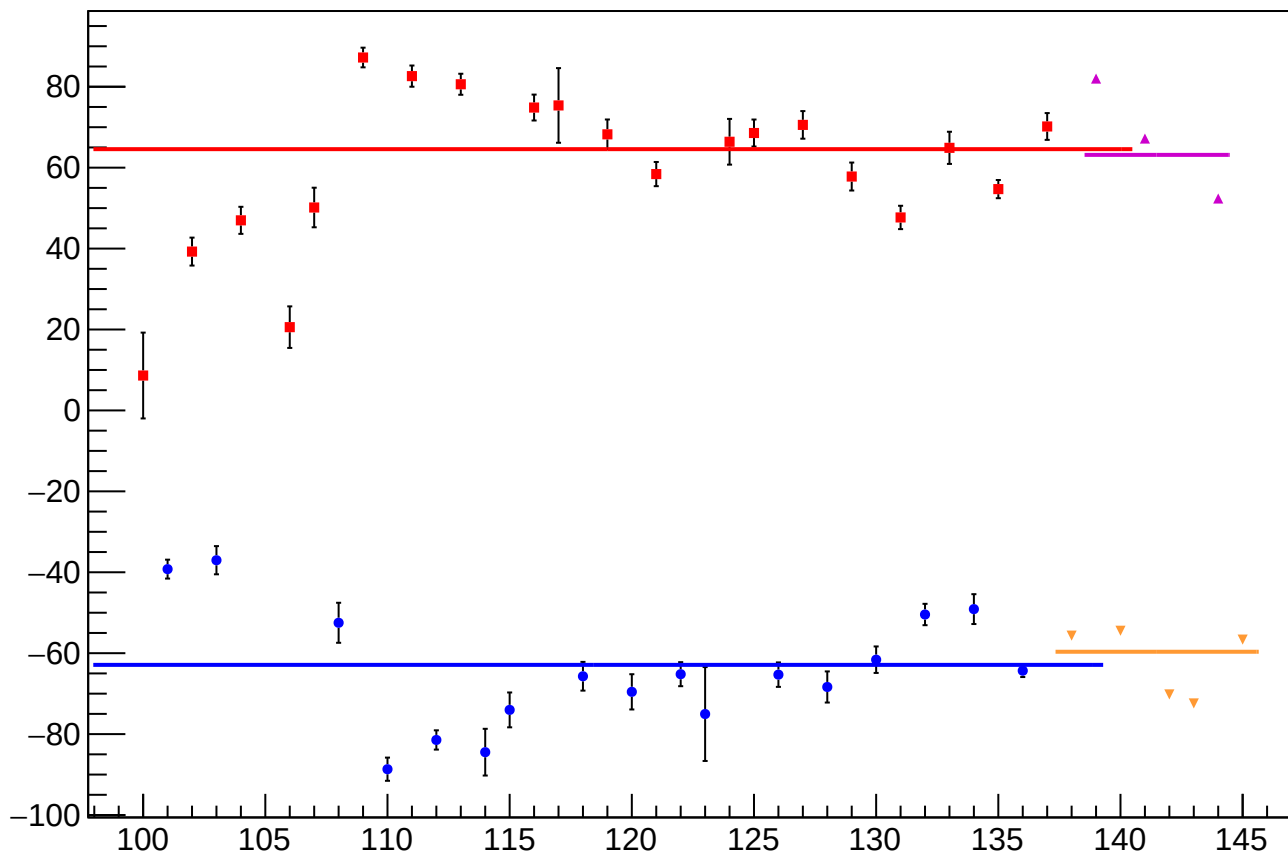
Left In: -0.407 ± 0.331 χ^2/NDF : 73.3/2

-0.167 ± 0.225 χ^2/NDF : 798.4/21

0.542 ± 0.171 χ^2/NDF : 1284.1/44

1.494 ± 0.261 χ^2/NDF : 462.6/22

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.887+/-0.738 χ^2/NDF : 368.7/16

Left Out: -59.644+/-0.371 χ^2/NDF : 346.9/4

Right Out: 64.574+/-0.749 χ^2/NDF : 445.5/19

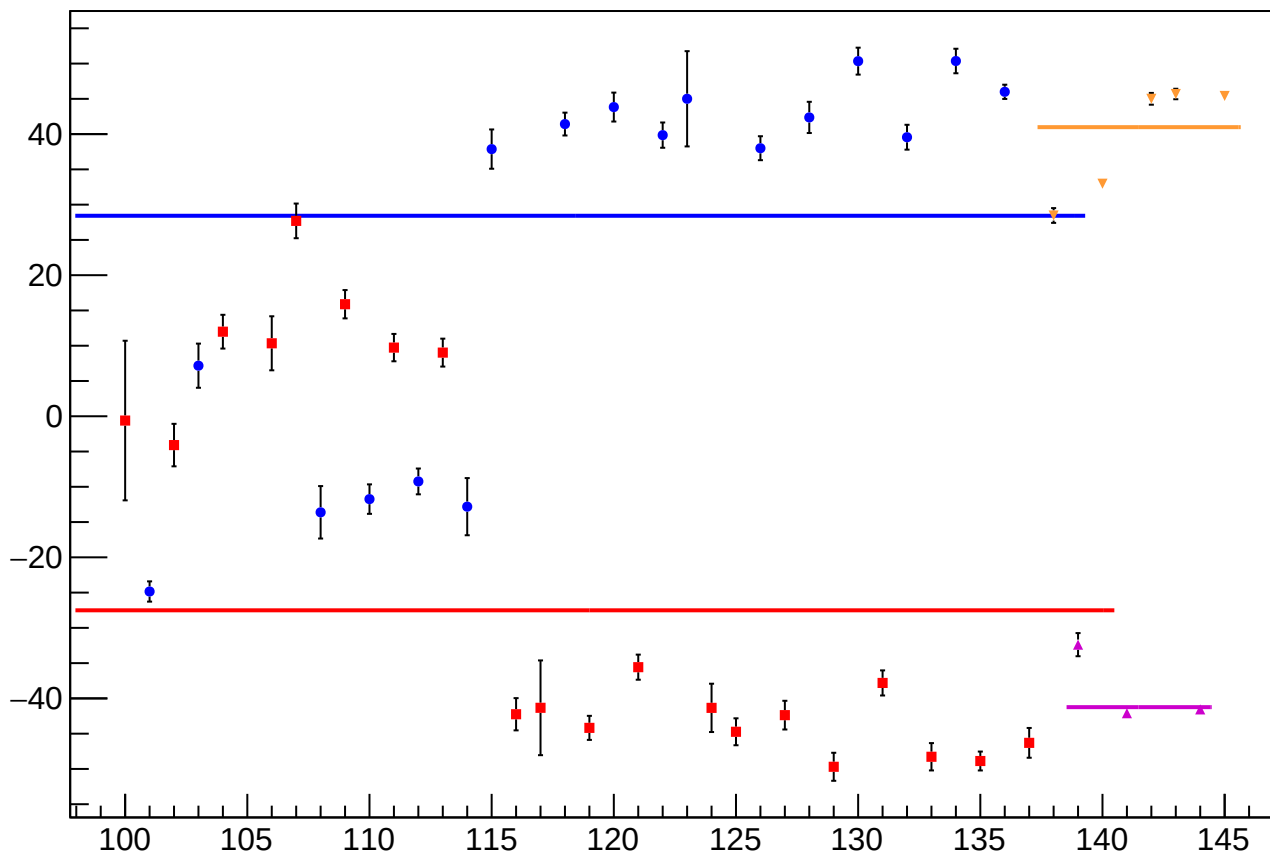
Left In: 63.160+/-0.453 χ^2/NDF : 644.2/2

-60.297+/-0.331 χ^2/NDF : 731.1/21

-8.045+/-0.252 χ^2/NDF : 60836.9/44

63.539+/-0.388 χ^2/NDF : 1092.2/22

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425 ± 0.457 $\chi^2/\text{NDF}: 3330.3/16$

Left Out: 40.986 ± 0.320 $\chi^2/\text{NDF}: 414.4/4$

Right Out: -27.512 ± 0.477 $\chi^2/\text{NDF}: 3037.3/19$

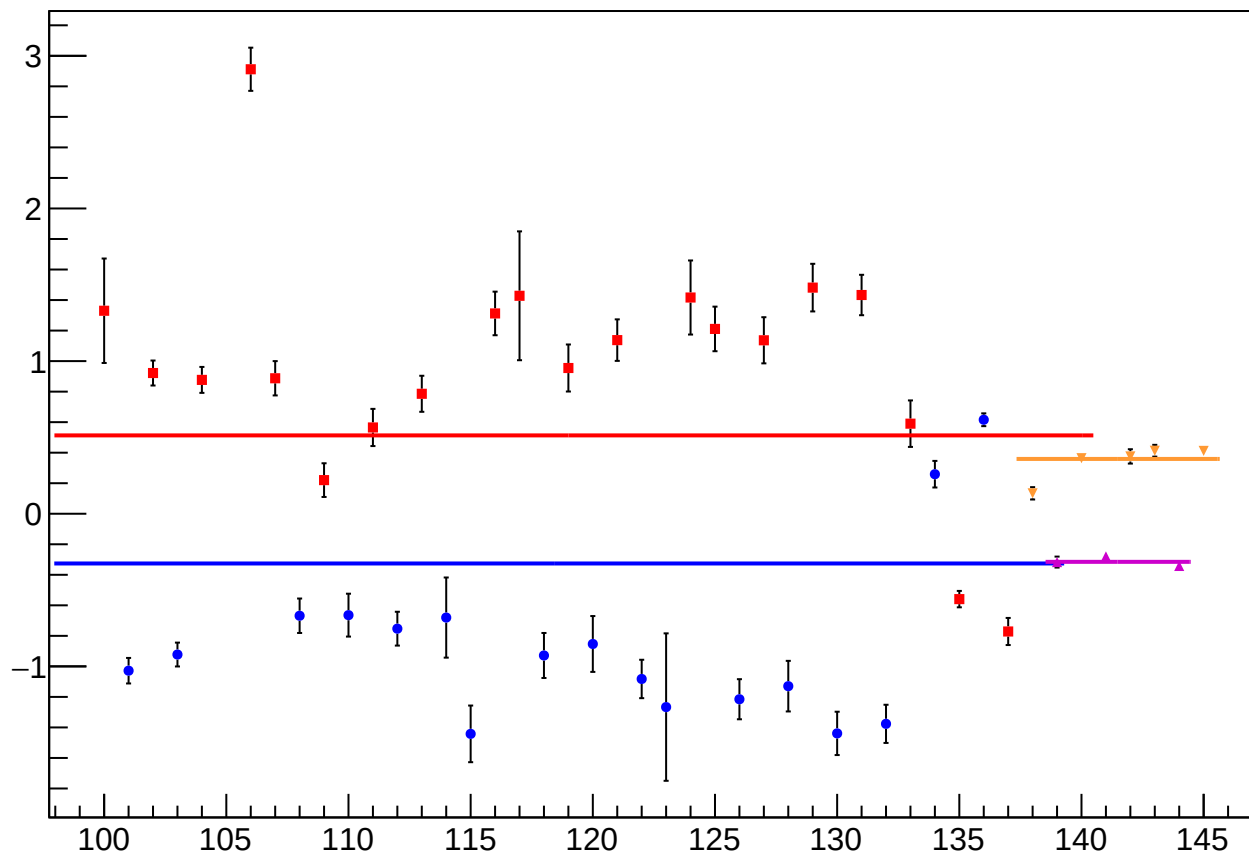
Left In: -41.240 ± 0.391 $\chi^2/\text{NDF}: 31.3/2$

36.847 ± 0.262 $\chi^2/\text{NDF}: 4251.1/21$

5.707 ± 0.198 $\chi^2/\text{NDF}: 40638.4/44$

-35.723 ± 0.303 $\chi^2/\text{NDF}: 3563.2/22$

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.025 $\chi^2/\text{NDF}: 1013.0/16$

Left Out: 0.359 ± 0.015 $\chi^2/\text{NDF}: 37.9/4$

Right Out: 0.513 ± 0.026 $\chi^2/\text{NDF}: 1174.1/19$

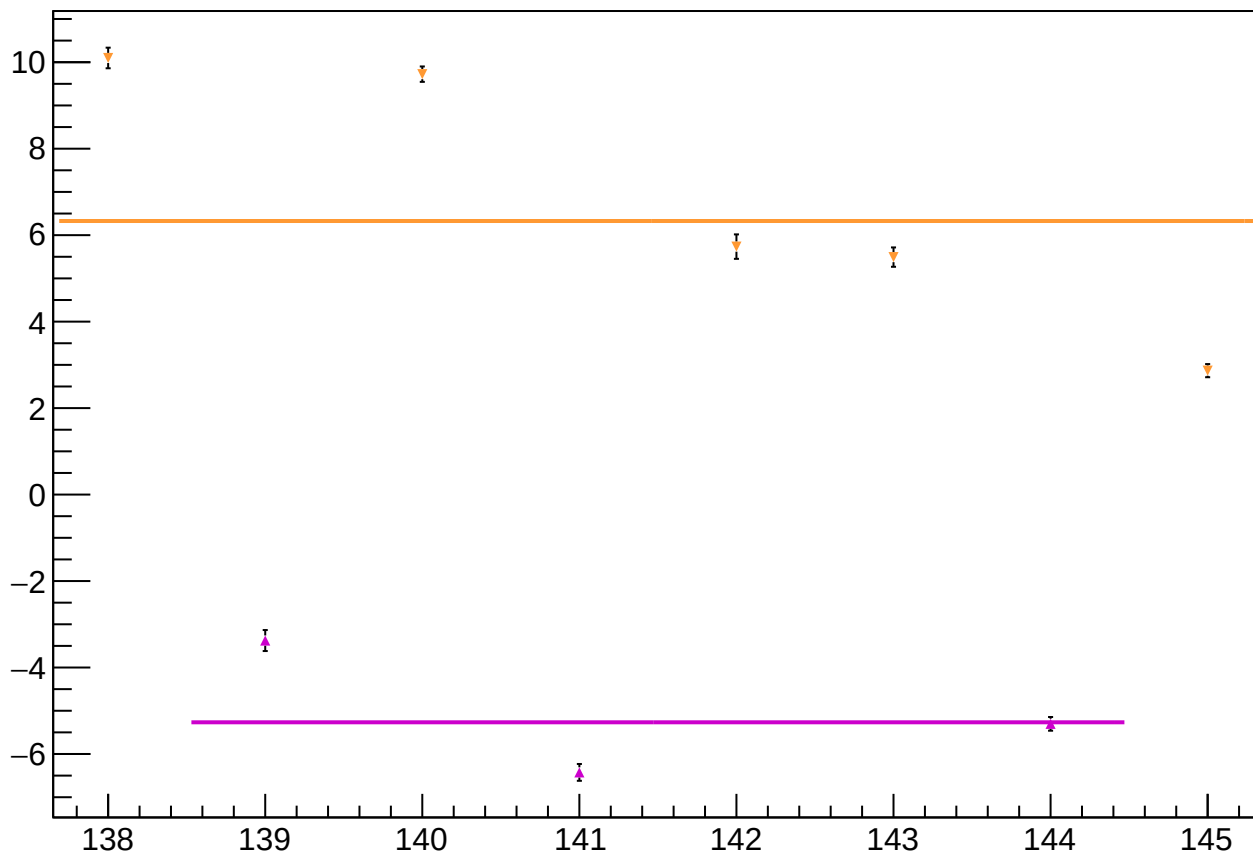
Left In: -0.315 ± 0.018 $\chi^2/\text{NDF}: 2.1/2$

0.176 ± 0.013 $\chi^2/\text{NDF}: 1605.7/21$

0.086 ± 0.010 $\chi^2/\text{NDF}: 3588.3/44$

-0.035 ± 0.015 $\chi^2/\text{NDF}: 1867.1/22$

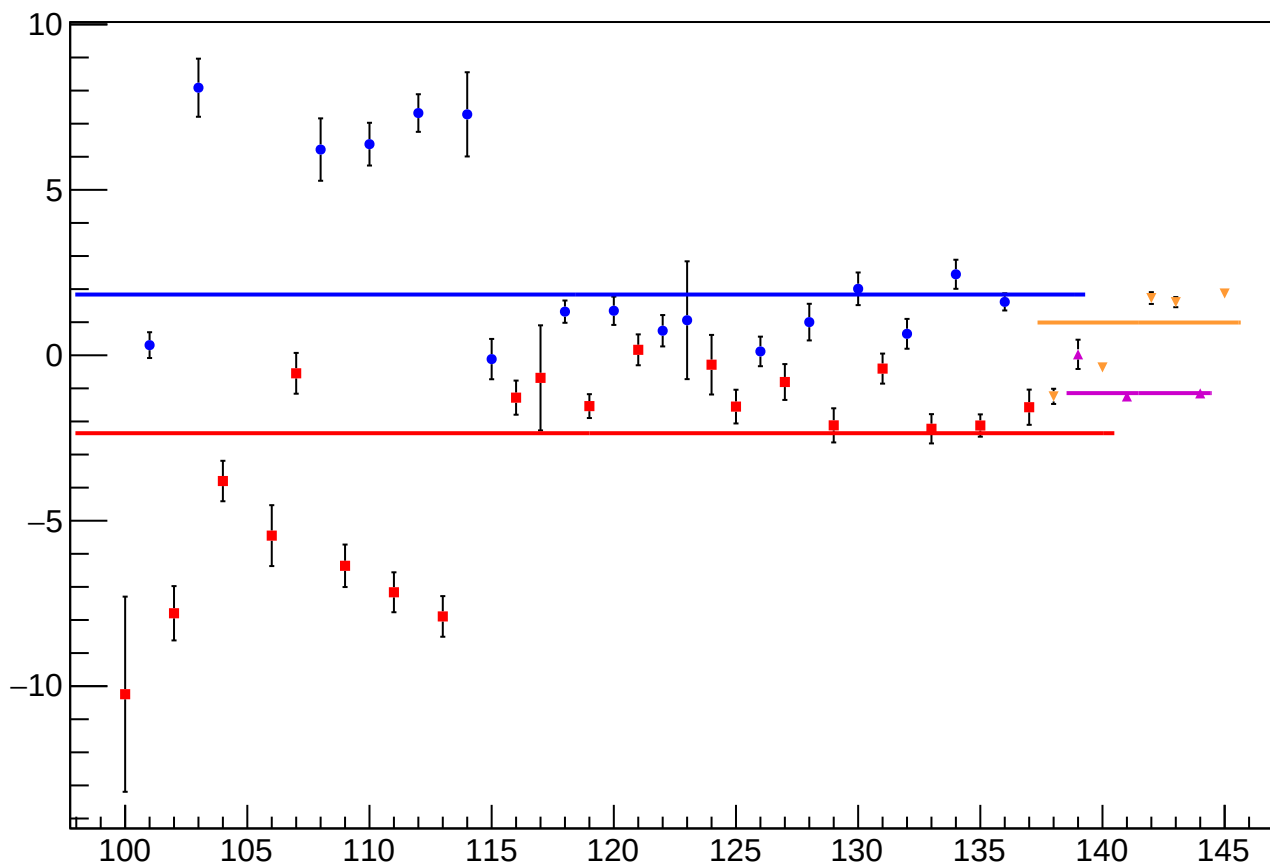
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.327 $\pm$ 0.090 χ^2 /NDF:1150.1/4
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.267 $\pm$ 0.110 χ^2 /NDF:96.2/2

6.327 $\pm$ 0.090 χ^2 /NDF: 1150.1/4
 1.688 $\pm$ 0.069 χ^2 /NDF: 7960.4/7
 -5.267 $\pm$ 0.110 χ^2 /NDF: 96.2/2

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.836 ± 0.116 χ^2/NDF : 294.9/16

Left Out: 0.990 ± 0.069 χ^2/NDF : 267.2/4

Right Out: -2.355 ± 0.122 χ^2/NDF : 337.5/19

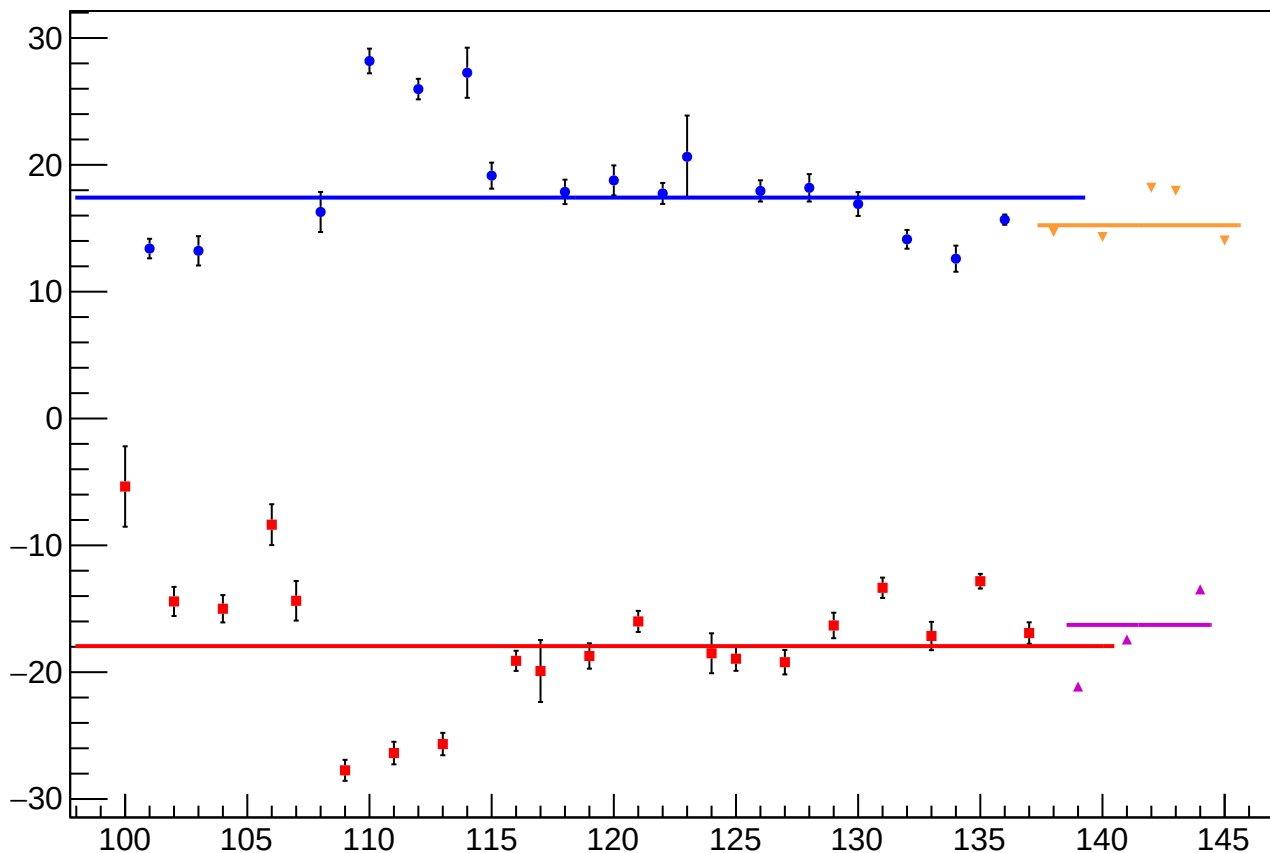
Left In: -1.143 ± 0.086 χ^2/NDF : 7.6/2

1.213 ± 0.060 χ^2/NDF : 601.2/21

0.058 ± 0.045 χ^2/NDF : 1908.5/44

-1.542 ± 0.070 χ^2/NDF : 411.0/22

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418 ± 0.212 χ^2/NDF : 366.8/16

Left Out: 15.238 ± 0.096 χ^2/NDF : 309.0/4

Right Out: -17.945 ± 0.218 χ^2/NDF : 507.0/19

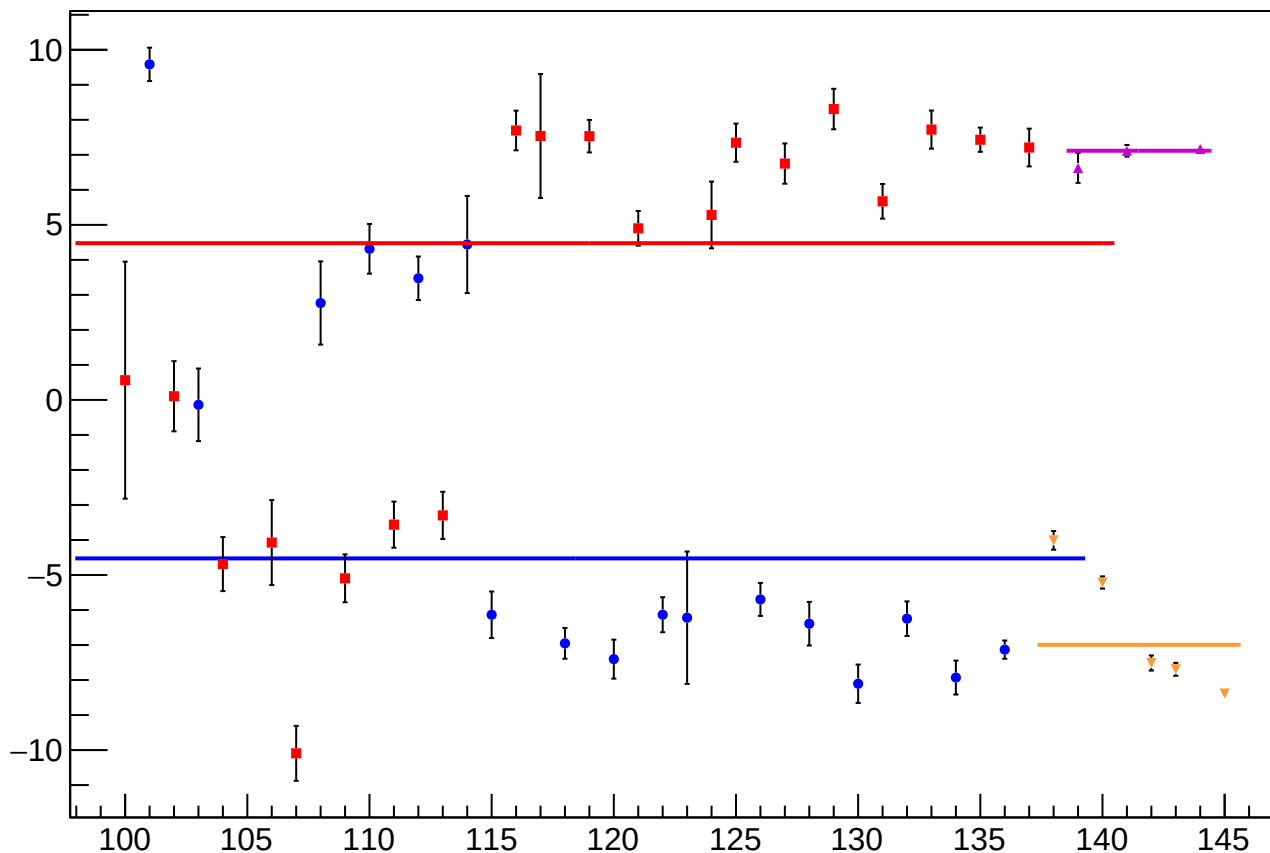
Left In: -16.273 ± 0.117 χ^2/NDF : 645.9/2

15.607 ± 0.087 χ^2/NDF : 764.0/21

2.209 ± 0.067 χ^2/NDF : 58934.6/44

-16.648 ± 0.103 χ^2/NDF : 1198.5/22

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -6.994 ± 0.082 χ^2/NDF : 346.5/4

Right Out: 4.478 ± 0.137 χ^2/NDF : 1341.9/19

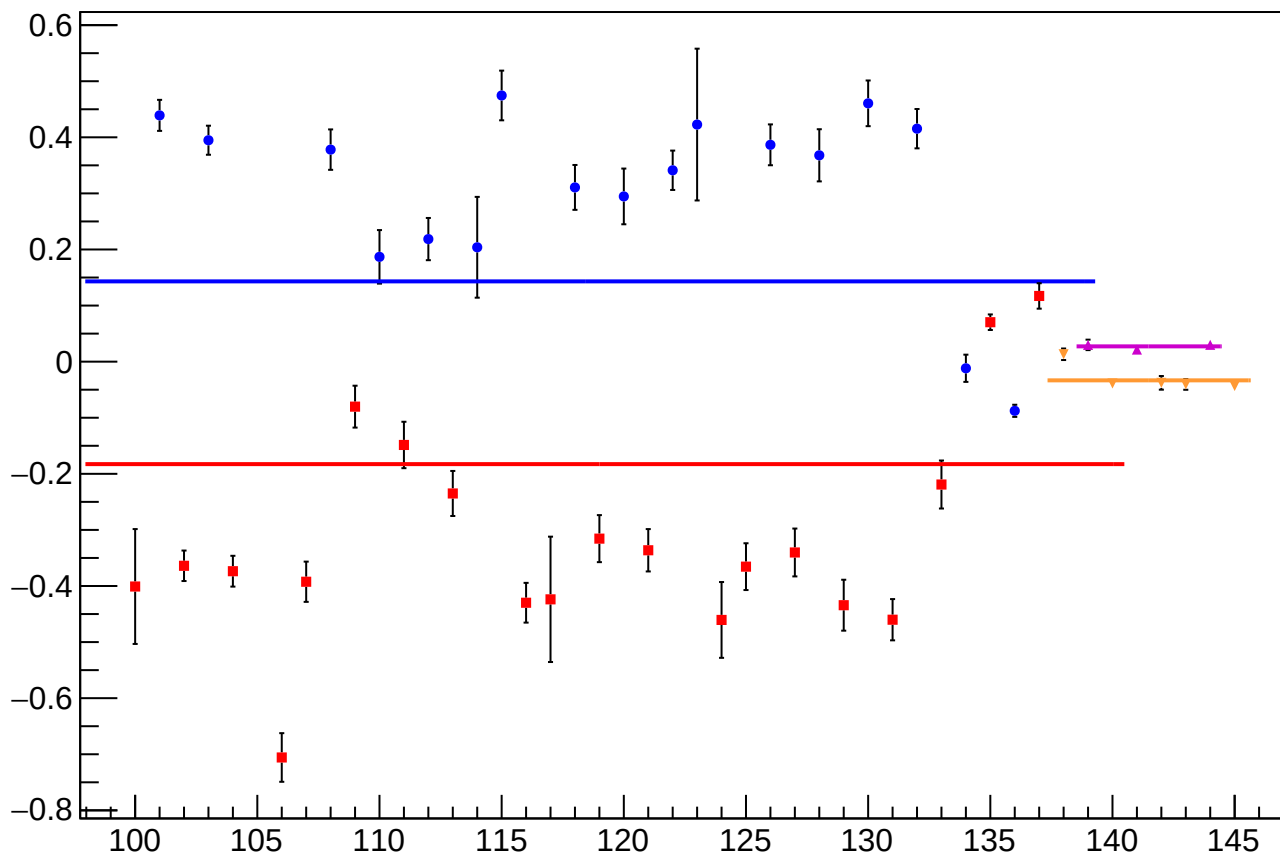
Left In: 7.117 ± 0.101 χ^2/NDF : 1.5/2

-6.283 ± 0.069 χ^2/NDF : 2195.2/21

-1.023 ± 0.053 χ^2/NDF : 17354.6/44

6.181 ± 0.081 χ^2/NDF : 1584.5/22

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1060.4/16$

Left Out: -0.033 ± 0.004 $\chi^2/\text{NDF}: 24.2/4$

Right Out: -0.183 ± 0.007 $\chi^2/\text{NDF}: 1012.5/19$

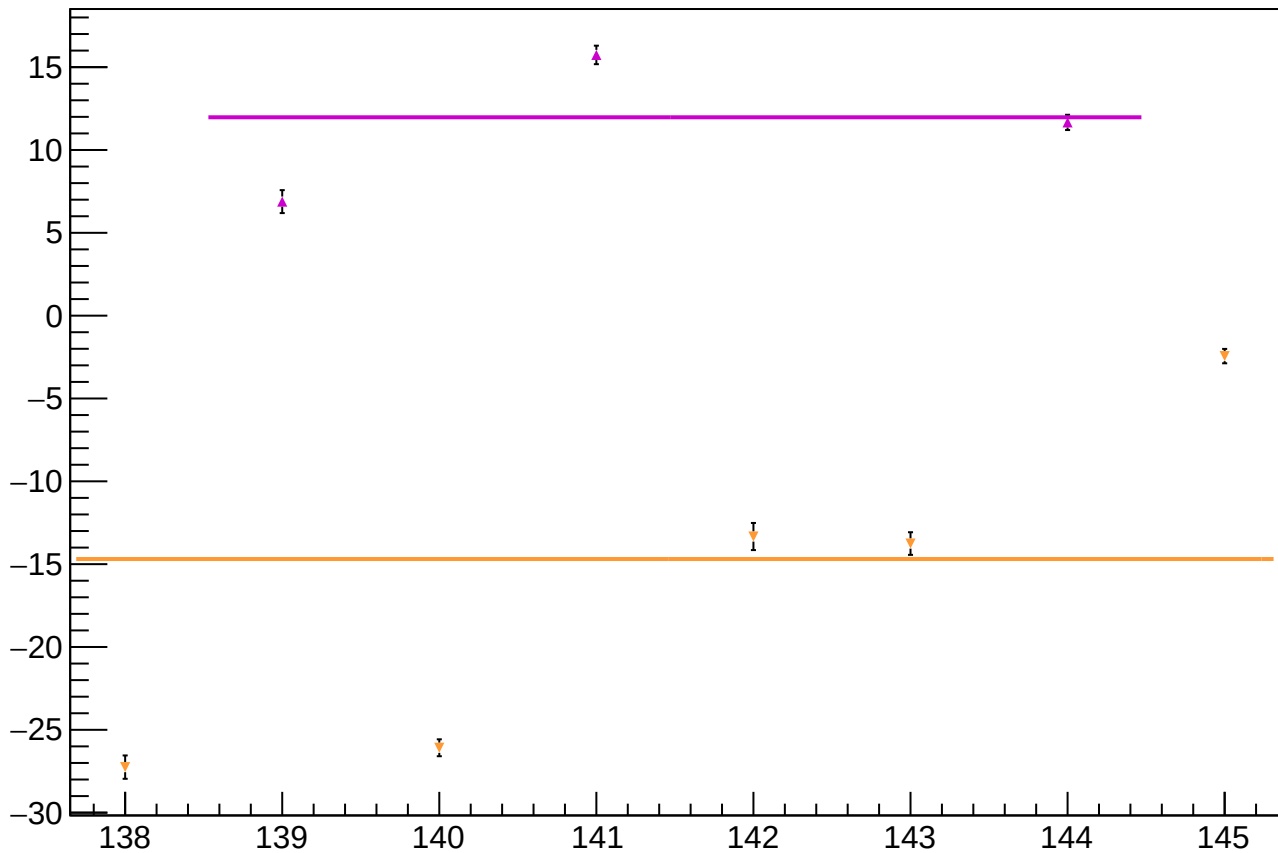
Left In: 0.027 ± 0.005 $\chi^2/\text{NDF}: 0.7/2$

0.008 ± 0.003 $\chi^2/\text{NDF}: 1565.6/21$

-0.010 ± 0.003 $\chi^2/\text{NDF}: 3216.2/44$

-0.034 ± 0.004 $\chi^2/\text{NDF}: 1586.7/22$

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: -14.690+/-0.260 χ^2/NDF : 1616.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

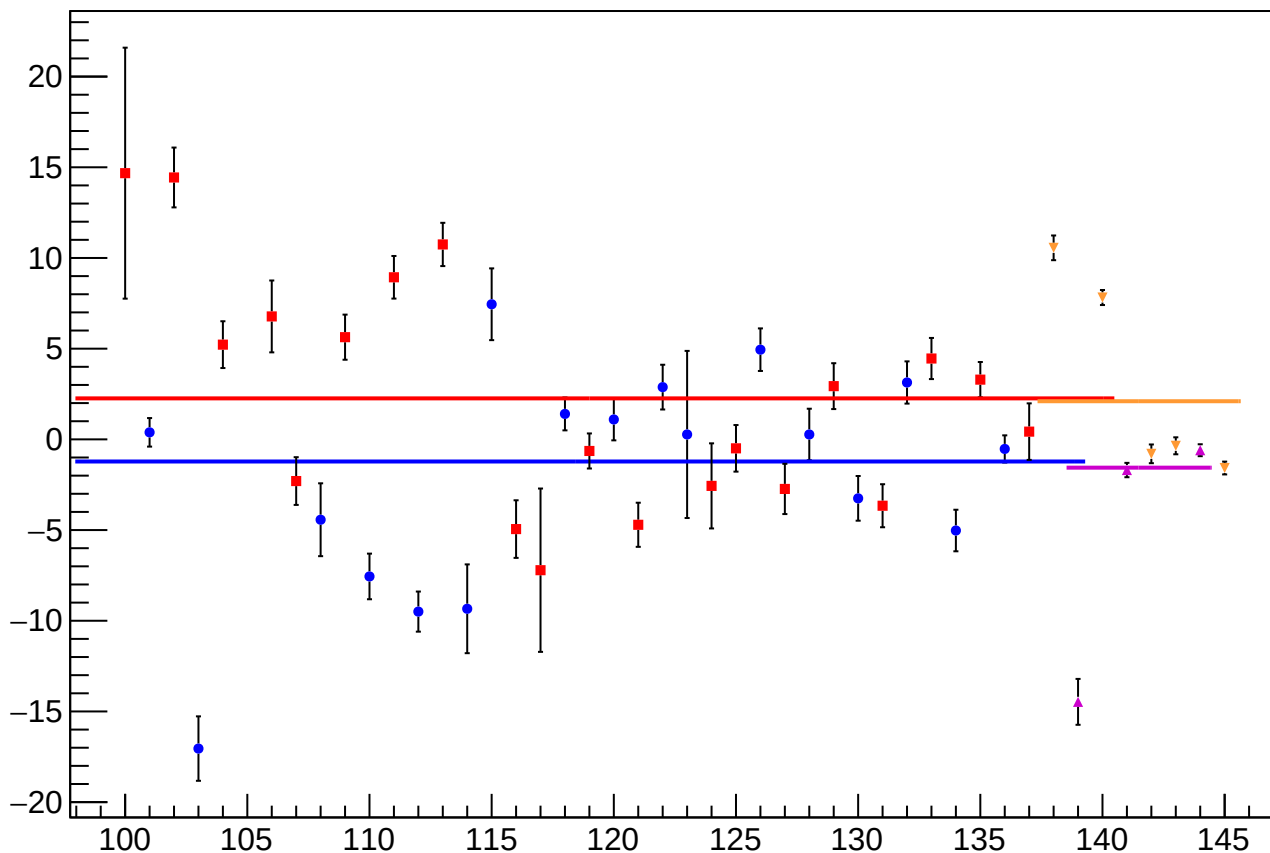
Left In: 11.974+/-0.316 χ^2/NDF : 99.8/2

-14.690+/-0.260 χ^2/NDF : 1616.3/4

-3.936+/-0.201 χ^2/NDF : 5957.2/7

11.974+/-0.316 χ^2/NDF : 99.8/2

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 2.102 ± 0.203 χ^2/NDF : 512.4/4

Right Out: 2.259 ± 0.302 χ^2/NDF : 290.7/19

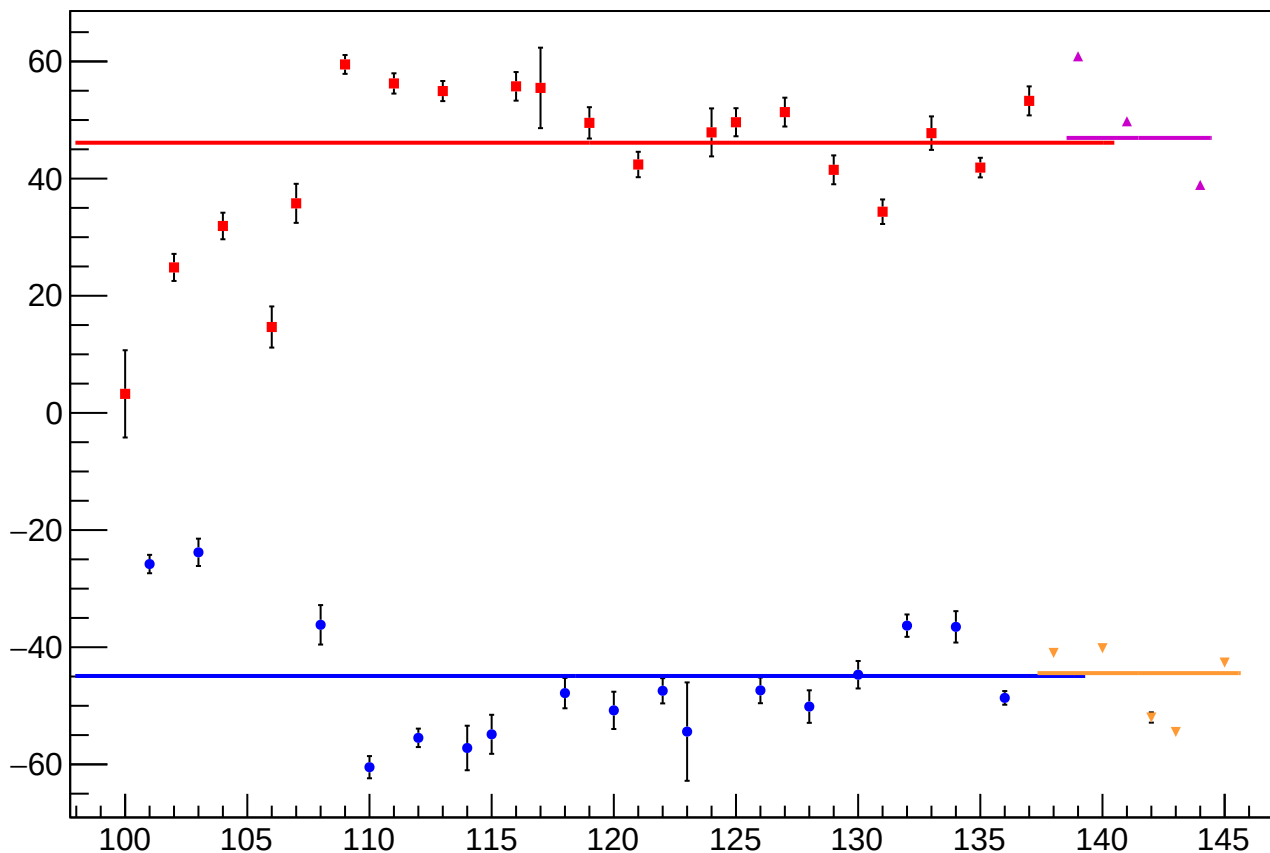
Left In: -1.560 ± 0.248 χ^2/NDF : 112.9/2

1.011 ± 0.166 χ^2/NDF : 879.2/21

0.568 ± 0.126 χ^2/NDF : 1394.9/44

-0.021 ± 0.192 χ^2/NDF : 499.2/22

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -44.420 ± 0.277 χ^2/NDF : 361.5/4

Right Out: 46.126 ± 0.527 χ^2/NDF : 455.9/19

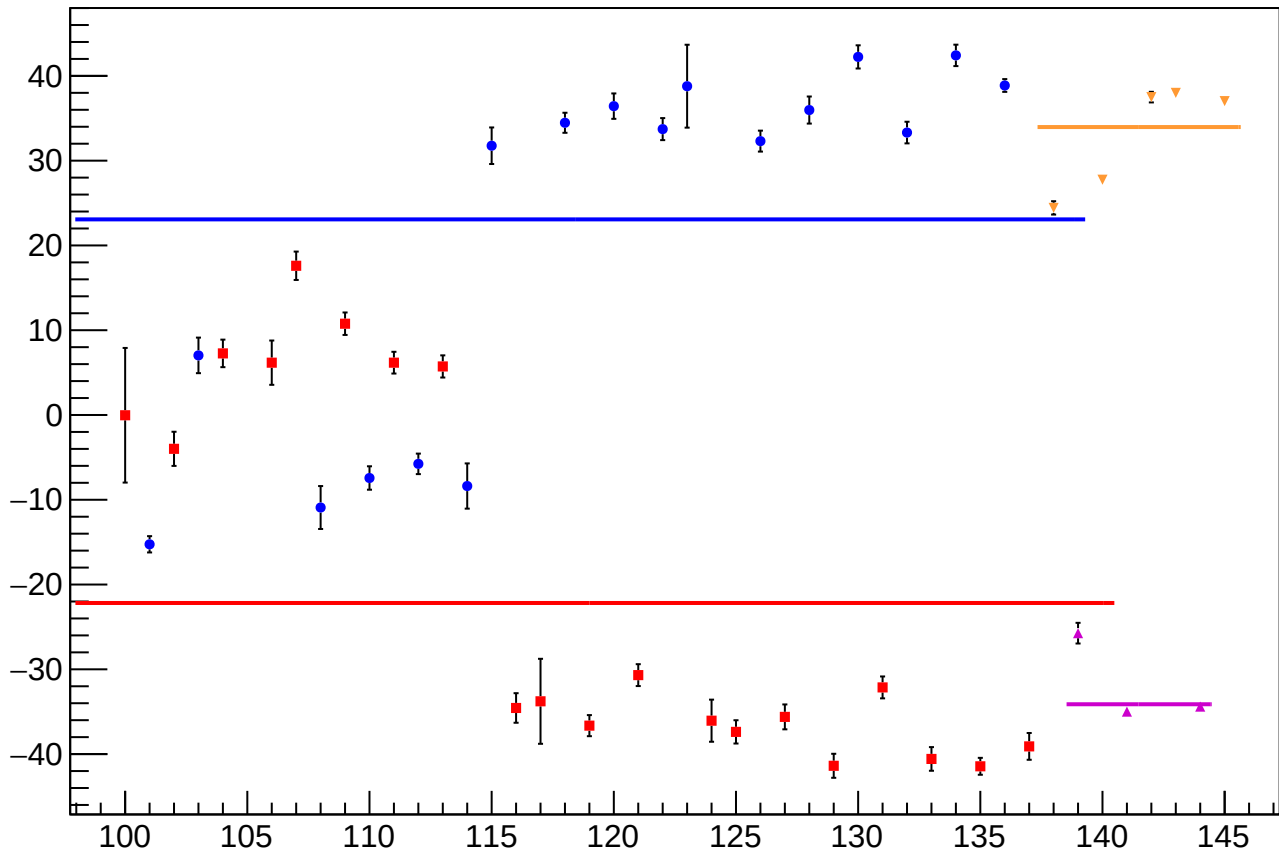
Left In: 46.946 ± 0.339 χ^2/NDF : 633.3/2

-44.527 ± 0.245 χ^2/NDF : 783.4/21

-5.739 ± 0.186 χ^2/NDF : 60844.8/44

46.706 ± 0.285 χ^2/NDF : 1090.9/22

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.073+/-0.326 χ^2/NDF : 4346.0/16

Left Out: 33.964+/-0.240 χ^2/NDF : 440.1/4

Right Out: -22.175+/-0.339 χ^2/NDF : 4039.8/19

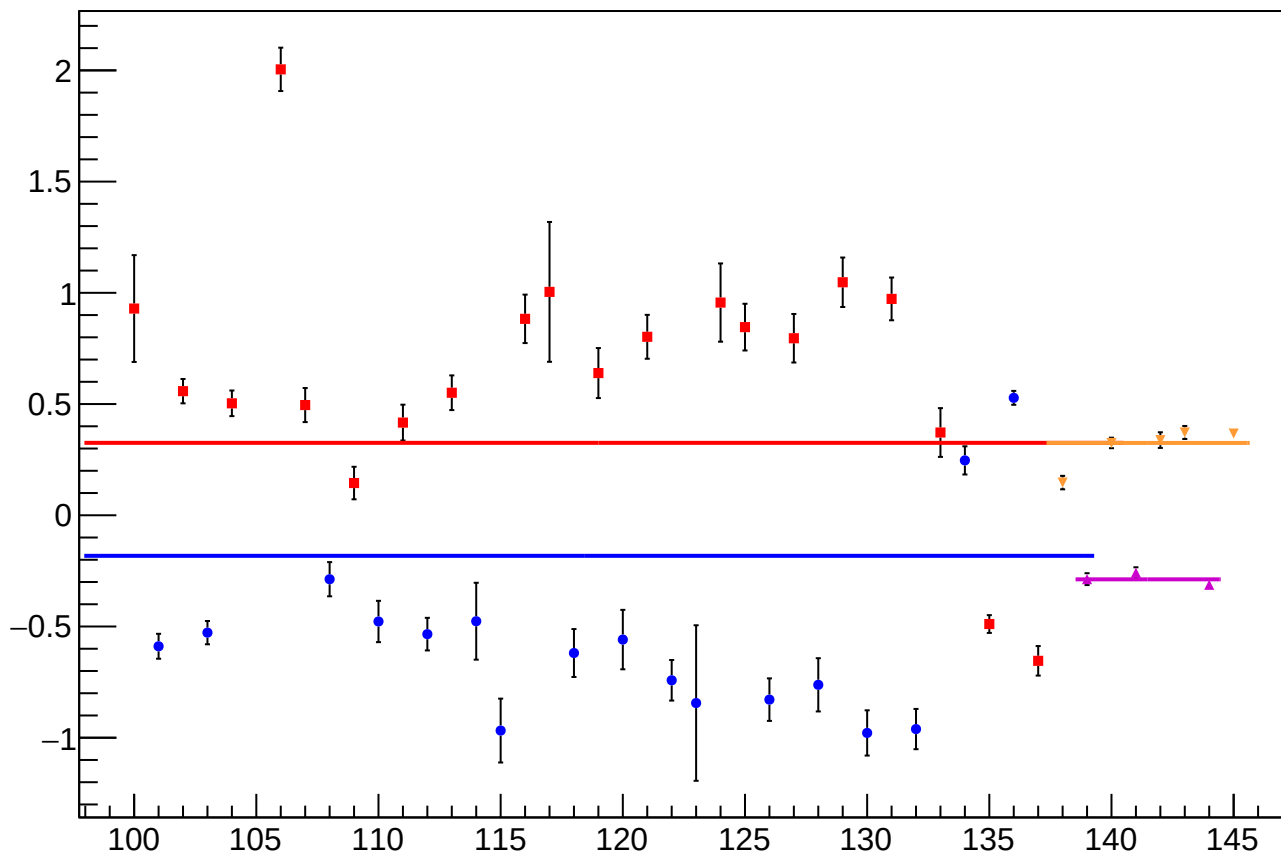
Left In: -34.121+/-0.293 χ^2/NDF : 51.1/2

30.132+/-0.193 χ^2/NDF : 5509.4/21

4.575+/-0.146 χ^2/NDF : 50731.5/44

-29.015+/-0.222 χ^2/NDF : 4801.5/22

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.325 ± 0.011 χ^2/NDF : 42.8/4

Right Out: 0.326 ± 0.018 χ^2/NDF : 1189.1/19

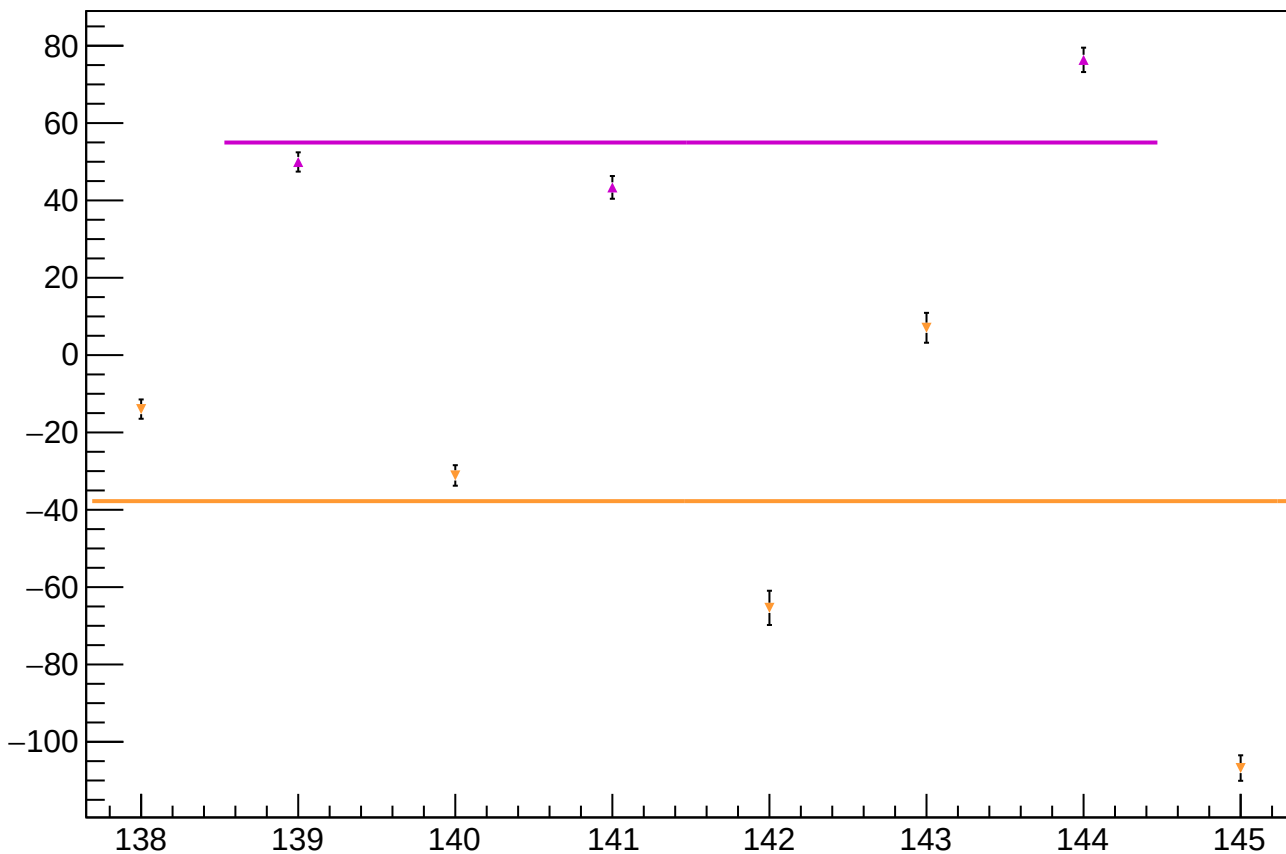
Left In: -0.288 ± 0.014 χ^2/NDF : 2.9/2

0.180 ± 0.009 χ^2/NDF : 1625.3/21

0.074 ± 0.007 χ^2/NDF : 3833.7/44

-0.065 ± 0.011 χ^2/NDF : 1921.9/22

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.763+/-1.397 χ^2/NDF : 708.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

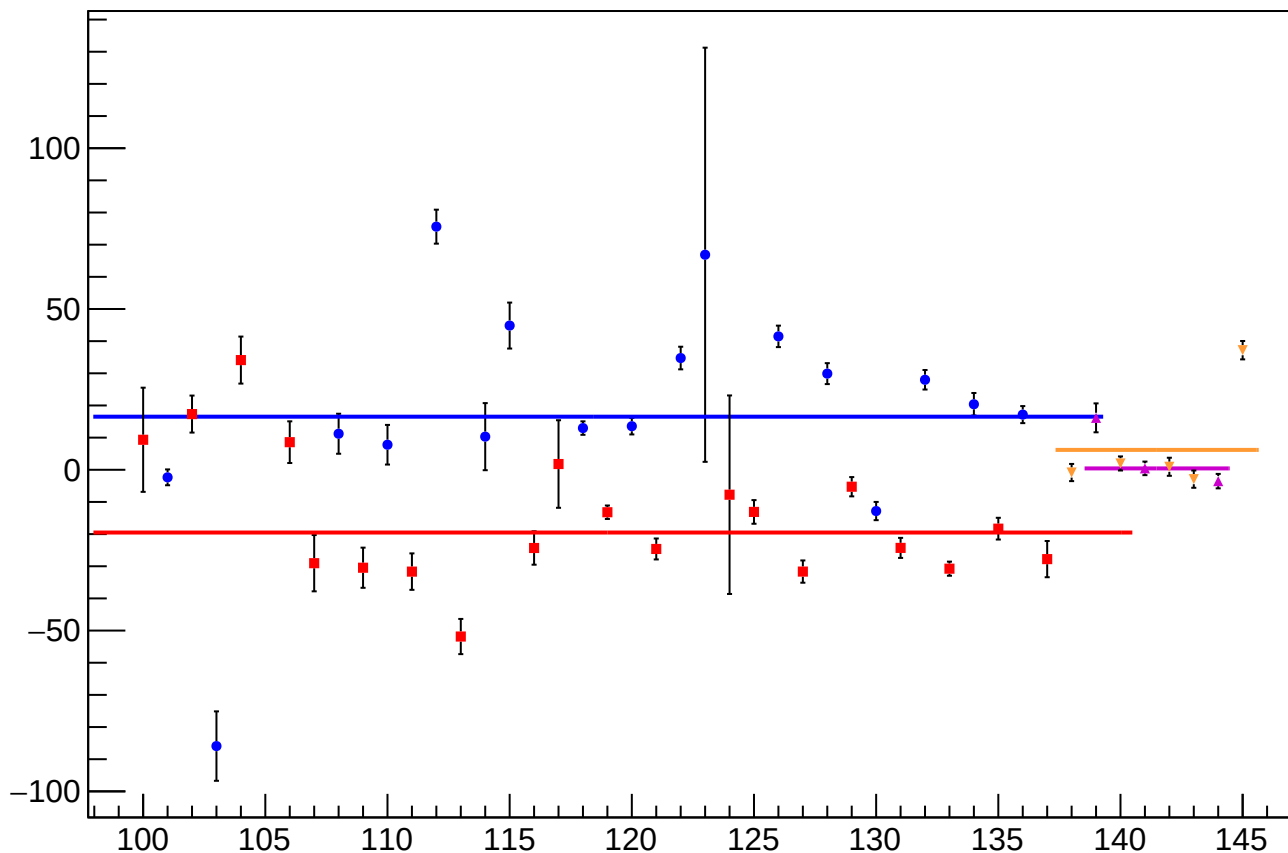
Left In: 54.973+/-1.628 χ^2/NDF : 65.6/2

-37.763+/-1.397 χ^2/NDF : 708.9/4

1.556+/-1.060 χ^2/NDF : 2642.9/7

54.973+/-1.628 χ^2/NDF : 65.6/2

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512 $\pm$ 0.847 χ^2/NDF : 519.6/16

Left Out: 6.184 $\pm$ 1.165 χ^2/NDF : 143.3/4

Right Out: -19.512 $\pm$ 0.896 χ^2/NDF : 244.4/19

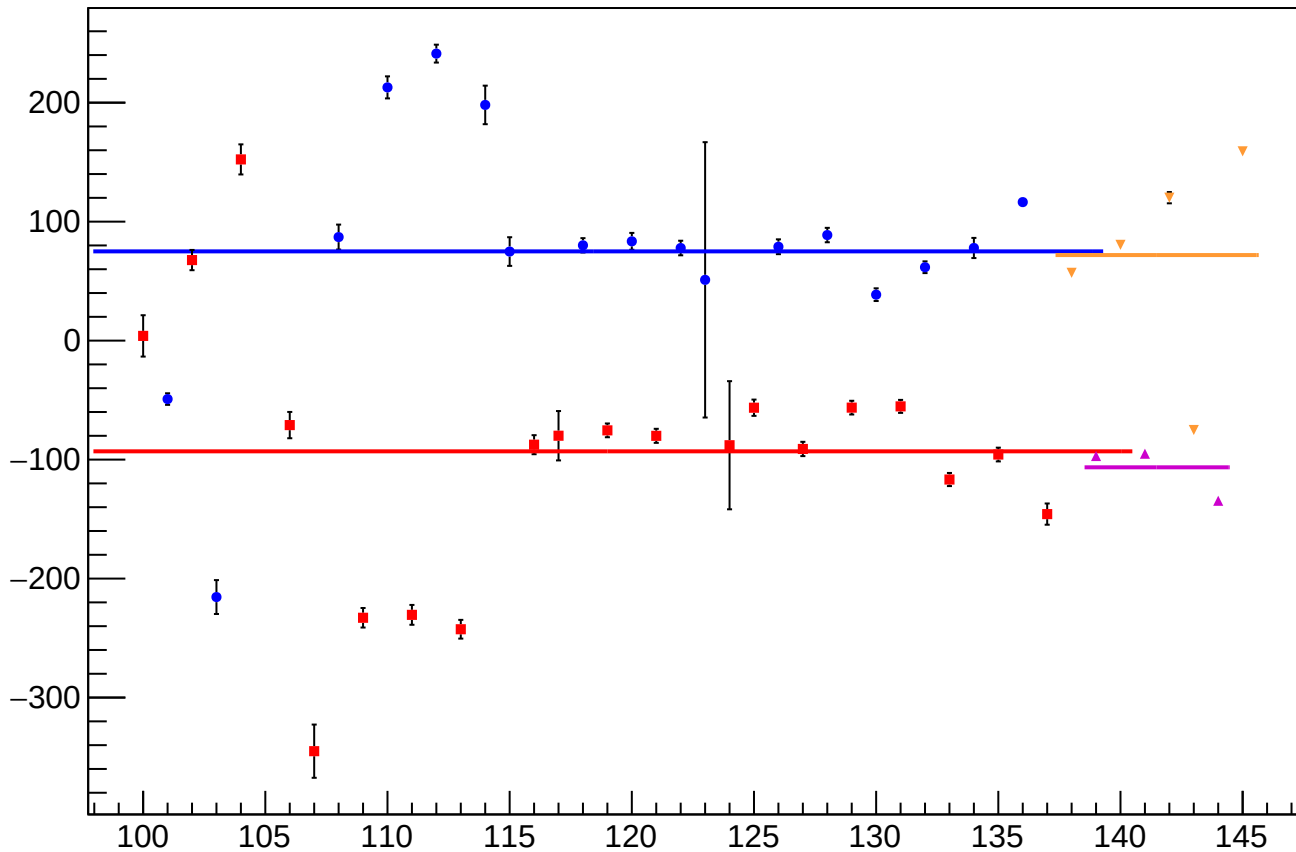
Left In: 0.424 $\pm$ 1.455 χ^2/NDF : 15.3/2

12.937 $\pm$ 0.685 χ^2/NDF : 714.3/21

0.902 $\pm$ 0.510 χ^2/NDF : 1801.2/44

-14.027 $\pm$ 0.763 χ^2/NDF : 395.8/22

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009 $\pm$ 1.636 χ^2/NDF : 1999.3/16

Left Out: 71.907 $\pm$ 1.491 χ^2/NDF : 2061.6/4

Right Out: -93.051 $\pm$ 1.705 χ^2/NDF : 2002.7/19

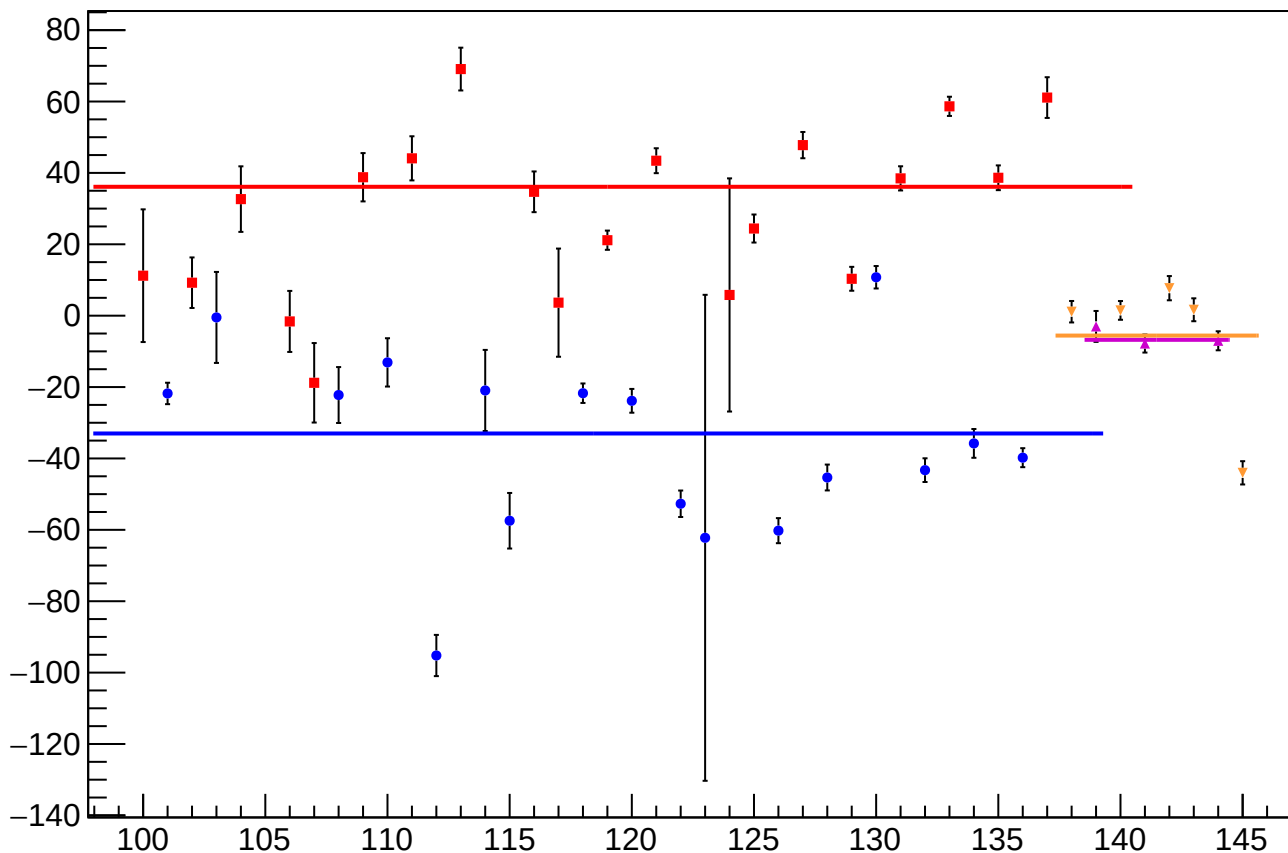
Left In: -106.483 $\pm$ 1.747 χ^2/NDF : 95.3/2

73.314 $\pm$ 1.102 χ^2/NDF : 4062.9/21

-4.338 $\pm$ 0.818 χ^2/NDF : 17251.4/44

-99.604 $\pm$ 1.220 χ^2/NDF : 2128.3/22

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -5.574 ± 1.369 χ^2/NDF : 171.6/4

Right Out: 36.112 ± 1.023 χ^2/NDF : 301.7/19

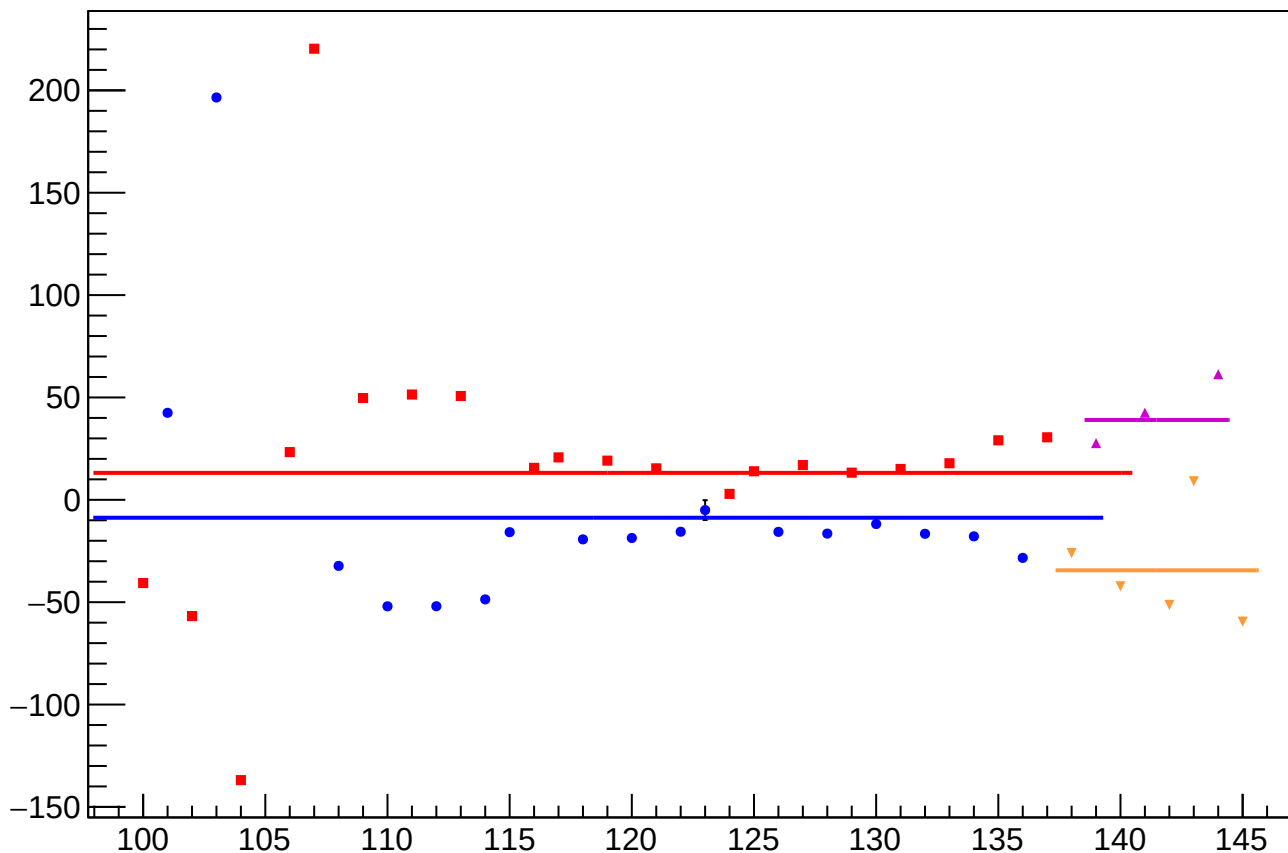
Left In: -6.766 ± 1.689 χ^2/NDF : 0.9/2

-23.814 ± 0.792 χ^2/NDF : 931.7/21

-1.997 ± 0.587 χ^2/NDF : 3388.1/44

24.603 ± 0.875 χ^2/NDF : 774.2/22

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751 ± 0.059 χ^2/NDF : 576012.4/16

Left Out: -34.429 ± 0.060 χ^2/NDF : 122225.7/4

Right Out: 13.175 ± 0.062 χ^2/NDF : 558691.6/19

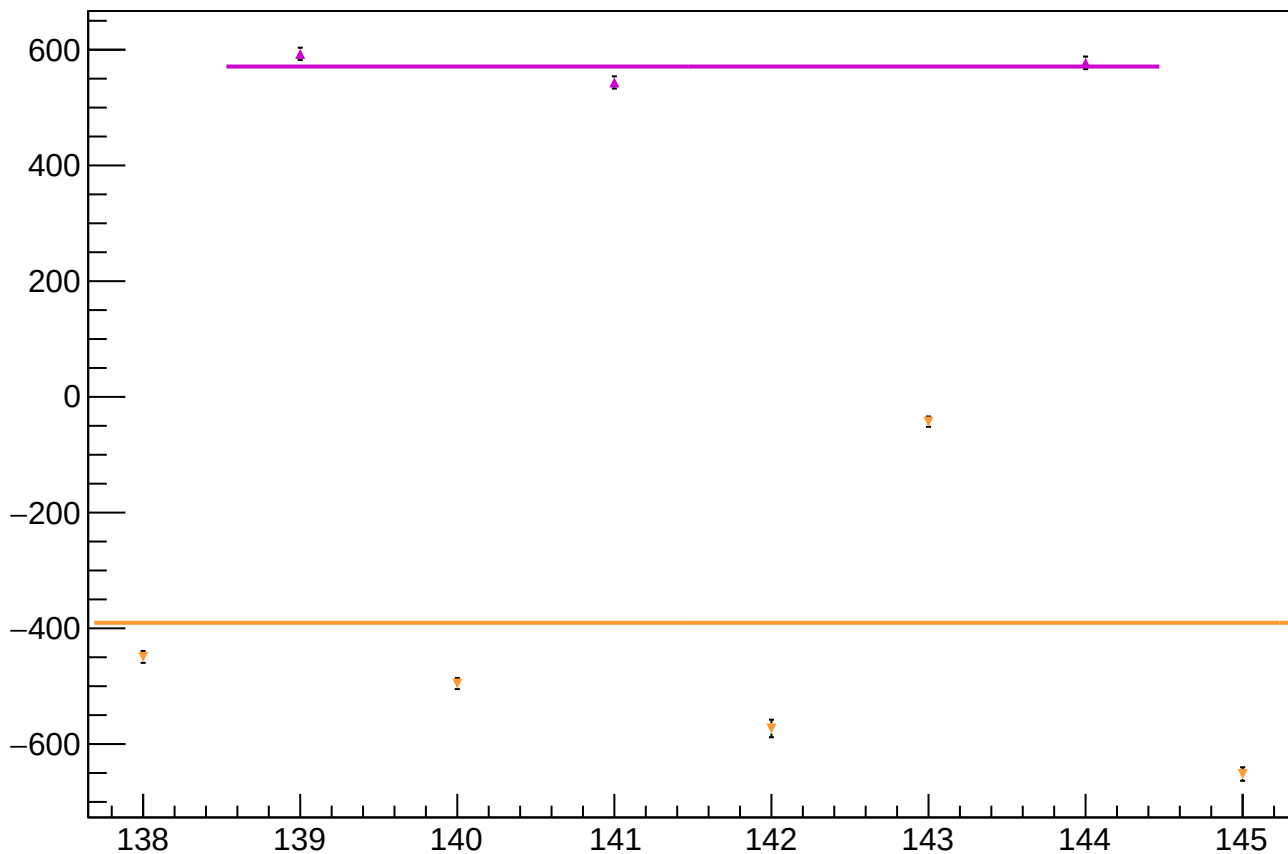
Left In: 39.009 ± 0.068 χ^2/NDF : 37832.3/2

-21.277 ± 0.042 χ^2/NDF : 791251.5/21

0.015 ± 0.031 χ^2/NDF : 2022872.4/44

24.910 ± 0.046 χ^2/NDF : 676415.5/22

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -390.450+/-4.739 χ^2/NDF : 2320.8/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

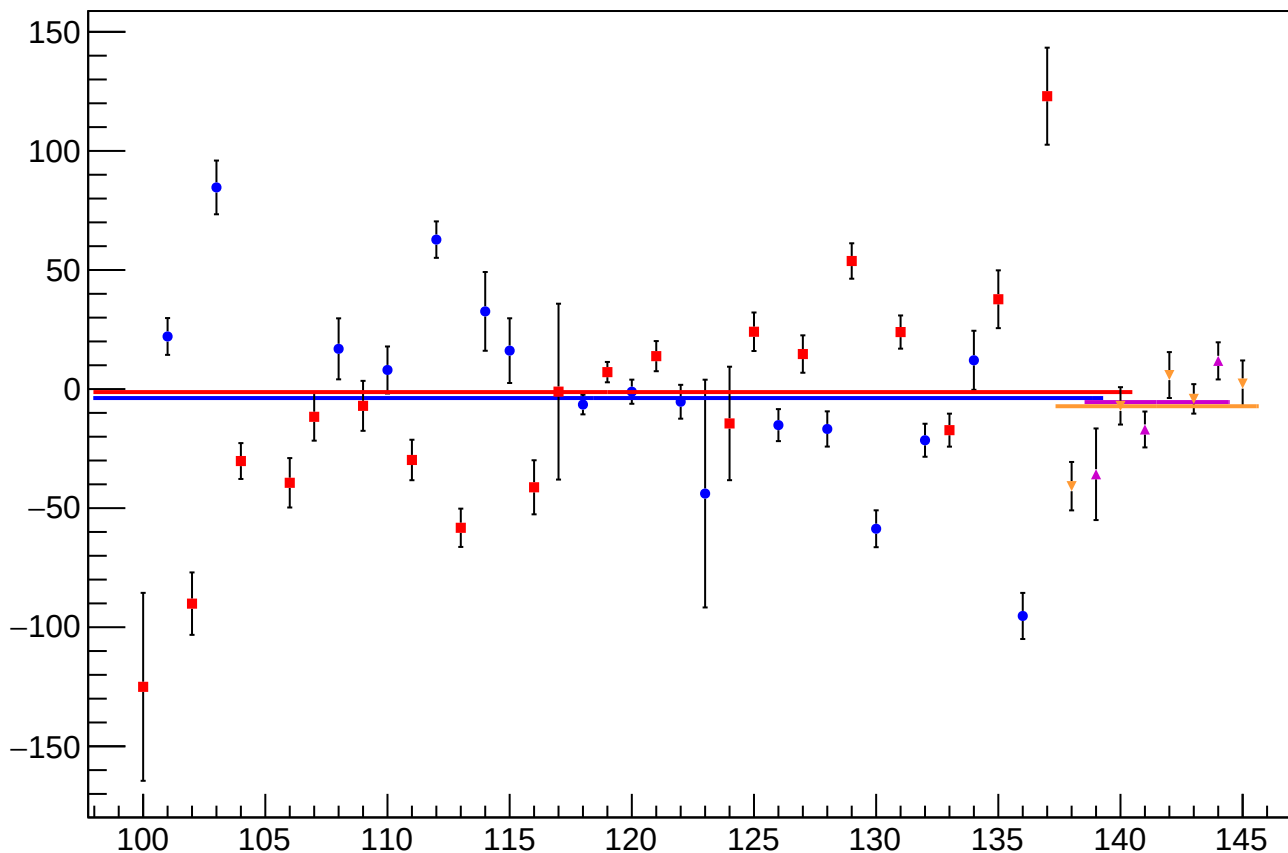
Left In: 570.963+/-6.197 χ^2/NDF : 11.3/2

-390.450+/-4.739 χ^2/NDF : 2320.8/4

-35.635+/-3.764 χ^2/NDF : 17520.3/7

570.963+/-6.197 χ^2/NDF : 11.3/2

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: -7.206 ± 3.691 χ^2/NDF : 14.0/4

Right Out: -1.265 ± 1.918 χ^2/NDF : 303.7/19

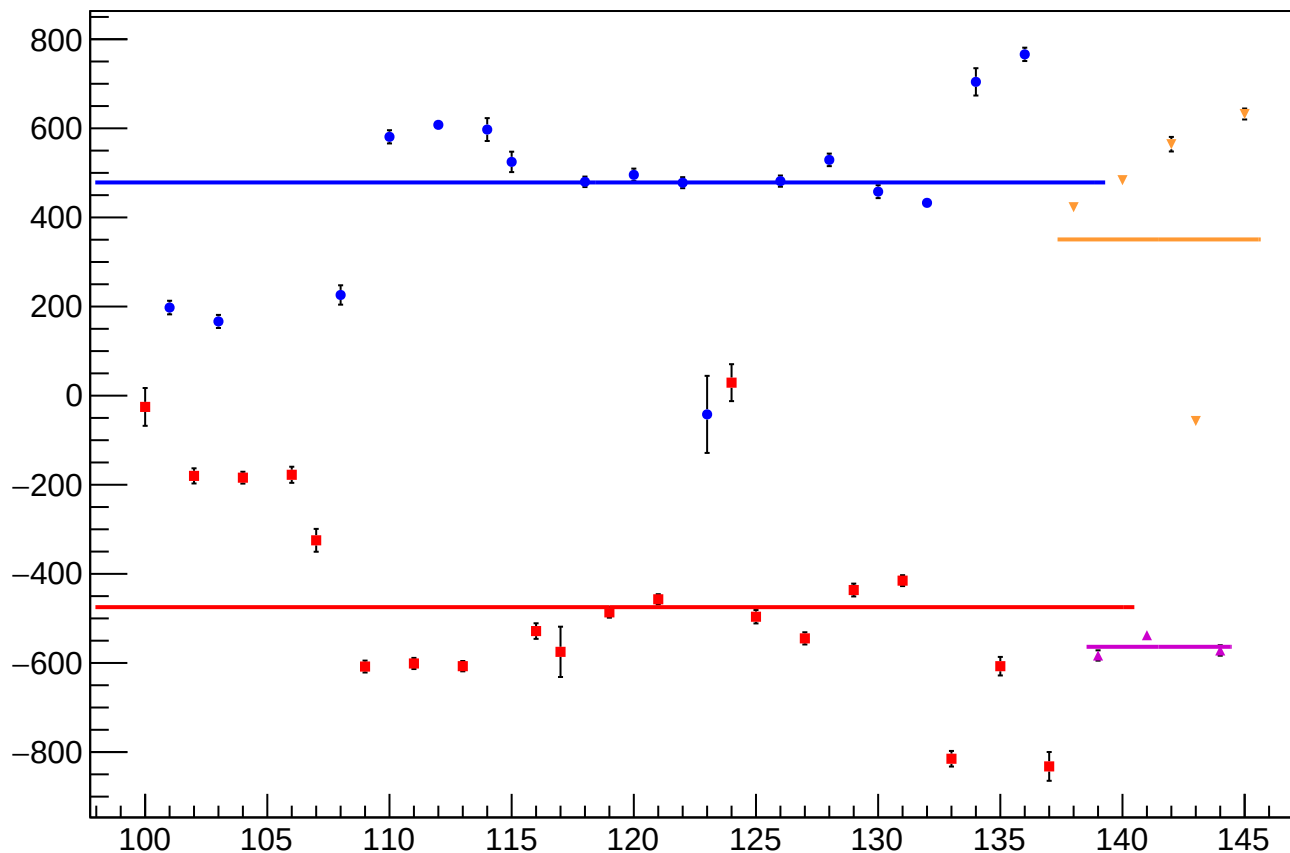
Left In: -5.456 ± 5.215 χ^2/NDF : 9.7/2

-4.485 ± 1.681 χ^2/NDF : 329.0/21

-3.217 ± 1.229 χ^2/NDF : 644.3/44

-1.764 ± 1.800 χ^2/NDF : 314.0/22

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526 $\pm$ 3.630 χ^2/NDF : 1629.0/16

Left Out: 350.616 $\pm$ 5.061 χ^2/NDF : 2746.7/4

Right Out: -474.721 $\pm$ 3.526 χ^2/NDF : 2290.3/19

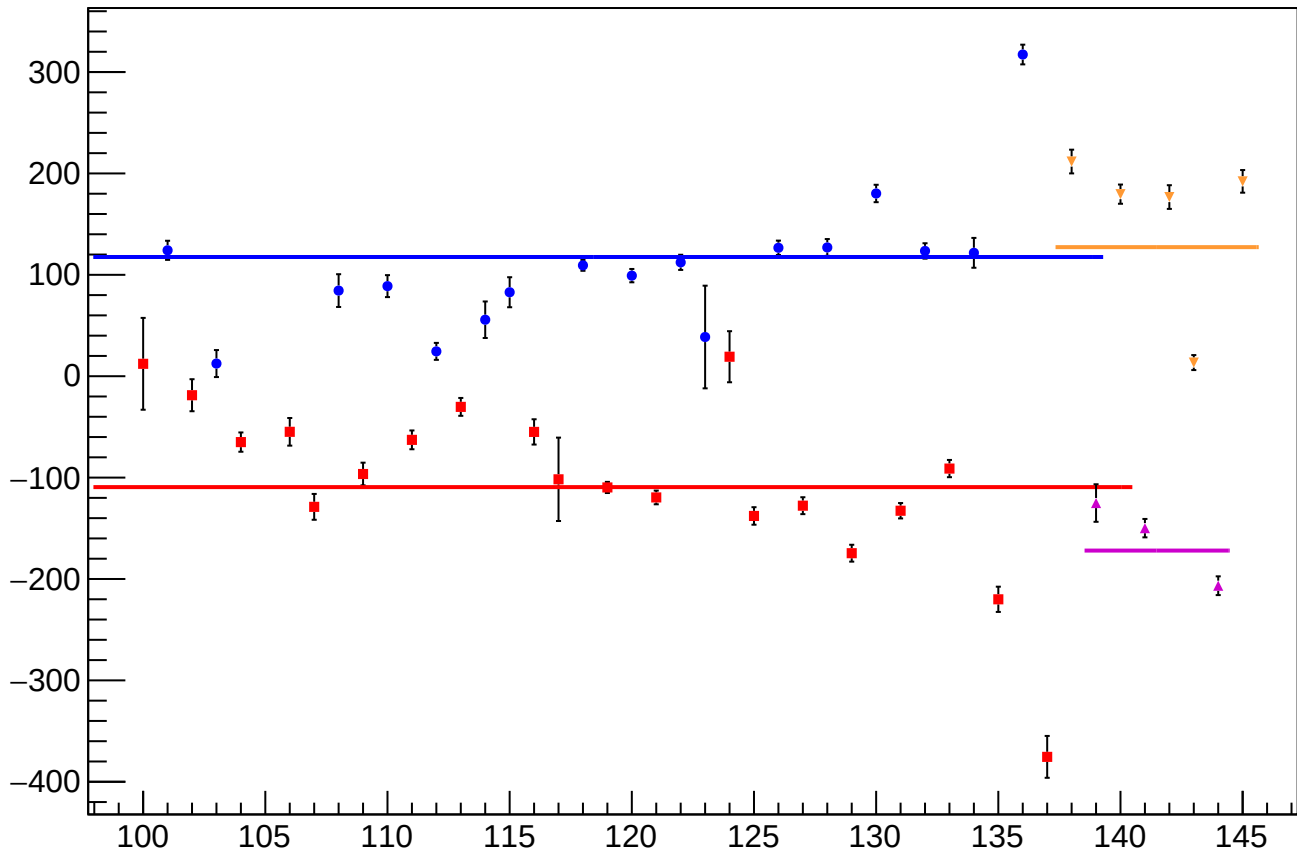
Left In: -563.719 $\pm$ 6.642 χ^2/NDF : 8.7/2

435.072 $\pm$ 2.950 χ^2/NDF : 4797.5/21

-4.417 $\pm$ 2.142 χ^2/NDF : 54179.7/44

-494.286 $\pm$ 3.114 χ^2/NDF : 2439.0/22

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585 ± 2.193 χ^2/NDF : 706.9/16

Left Out: 127.303 ± 4.382 χ^2/NDF : 371.1/4

Right Out: -109.378 ± 2.207 χ^2/NDF : 571.2/19

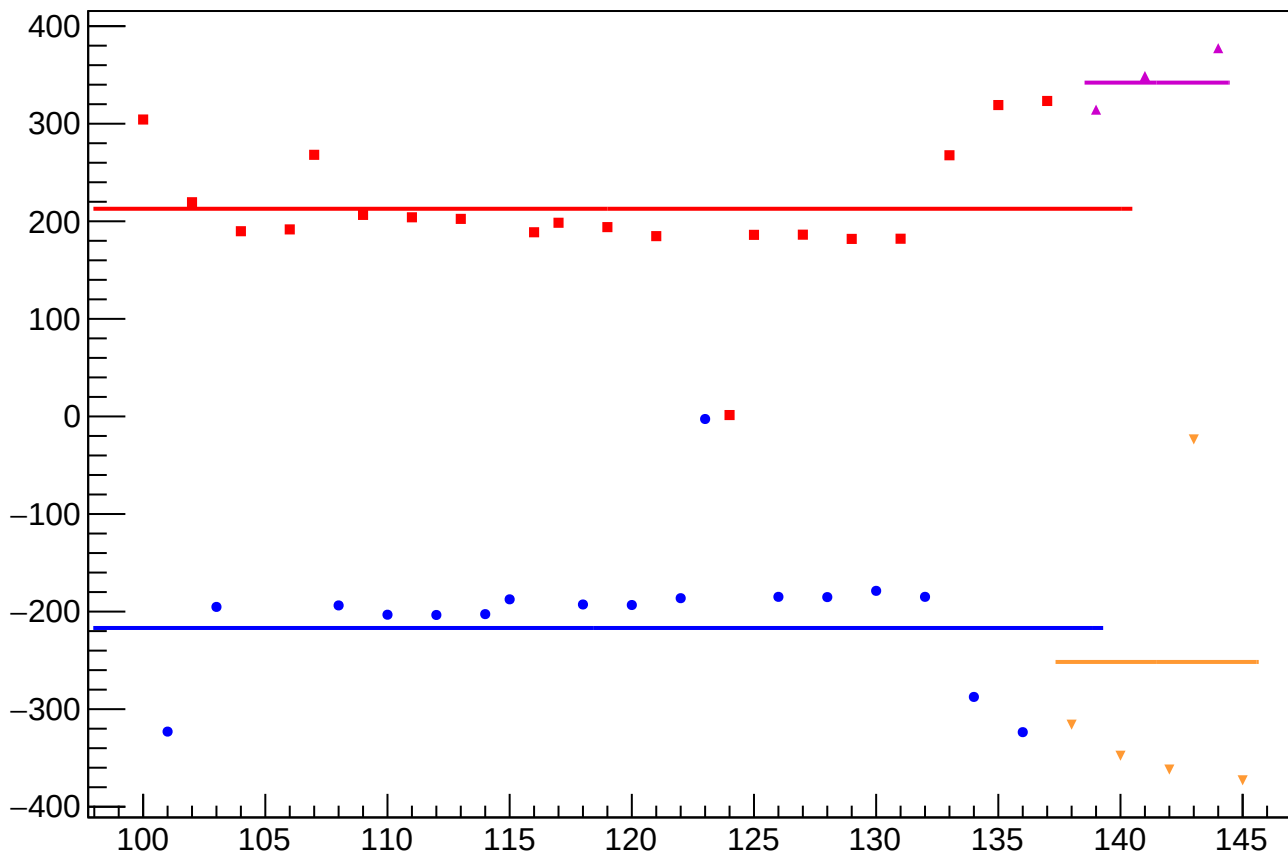
Left In: -171.972 ± 6.115 χ^2/NDF : 26.4/2

119.531 ± 1.961 χ^2/NDF : 1081.9/21

8.166 ± 1.425 χ^2/NDF : 8610.2/44

-116.590 ± 2.076 χ^2/NDF : 690.3/22

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -251.606+/-0.206 χ^2/NDF : 517839.0/4

Right Out: 212.832+/-0.130 χ^2/NDF : 116424.5/19

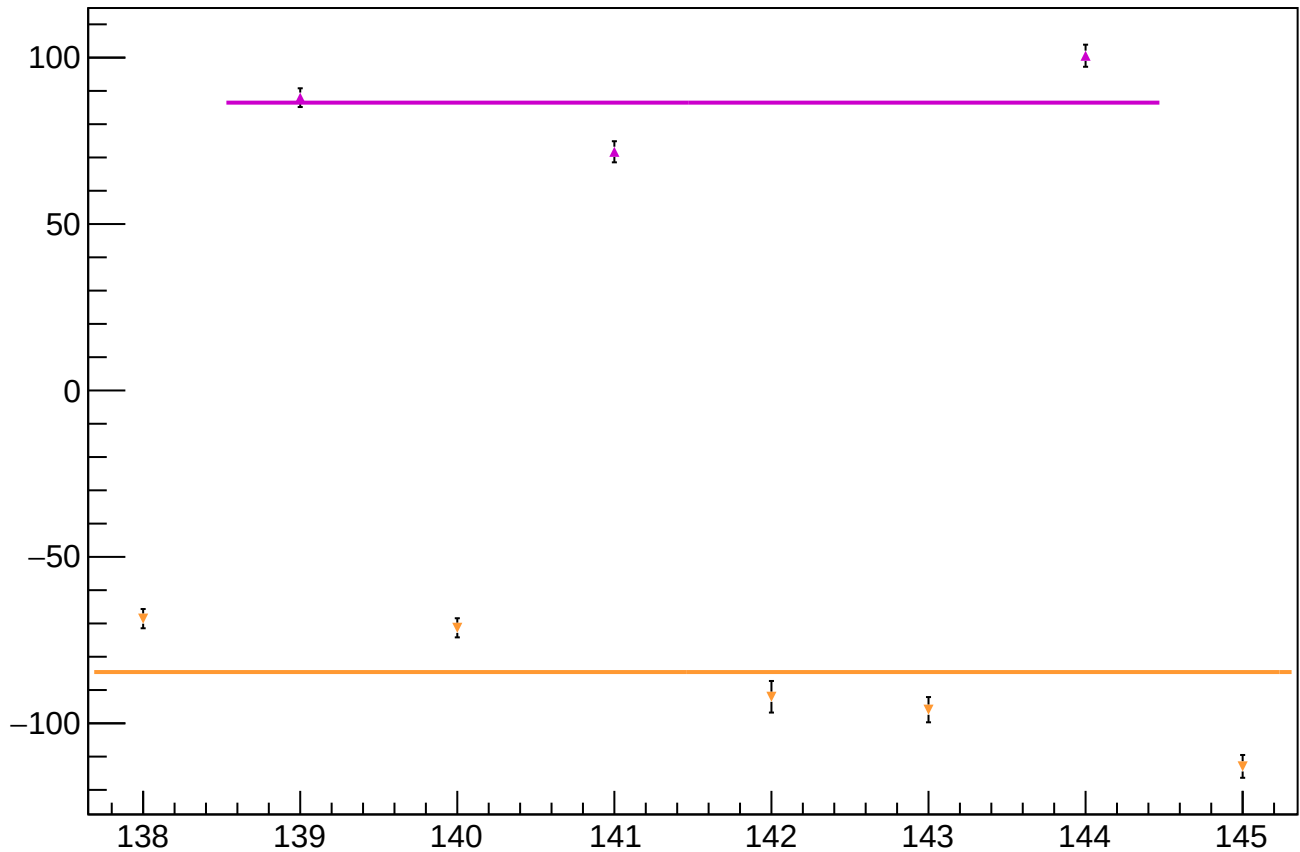
Left In: 342.113+/-0.261 χ^2/NDF : 9600.0/2

-227.327+/-0.113 χ^2/NDF : 684737.8/21

-0.675+/-0.081 χ^2/NDF : 9233320.6/44

238.492+/-0.116 χ^2/NDF : 322349.9/22

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -84.598+/-1.508 χ^2/NDF : 131.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

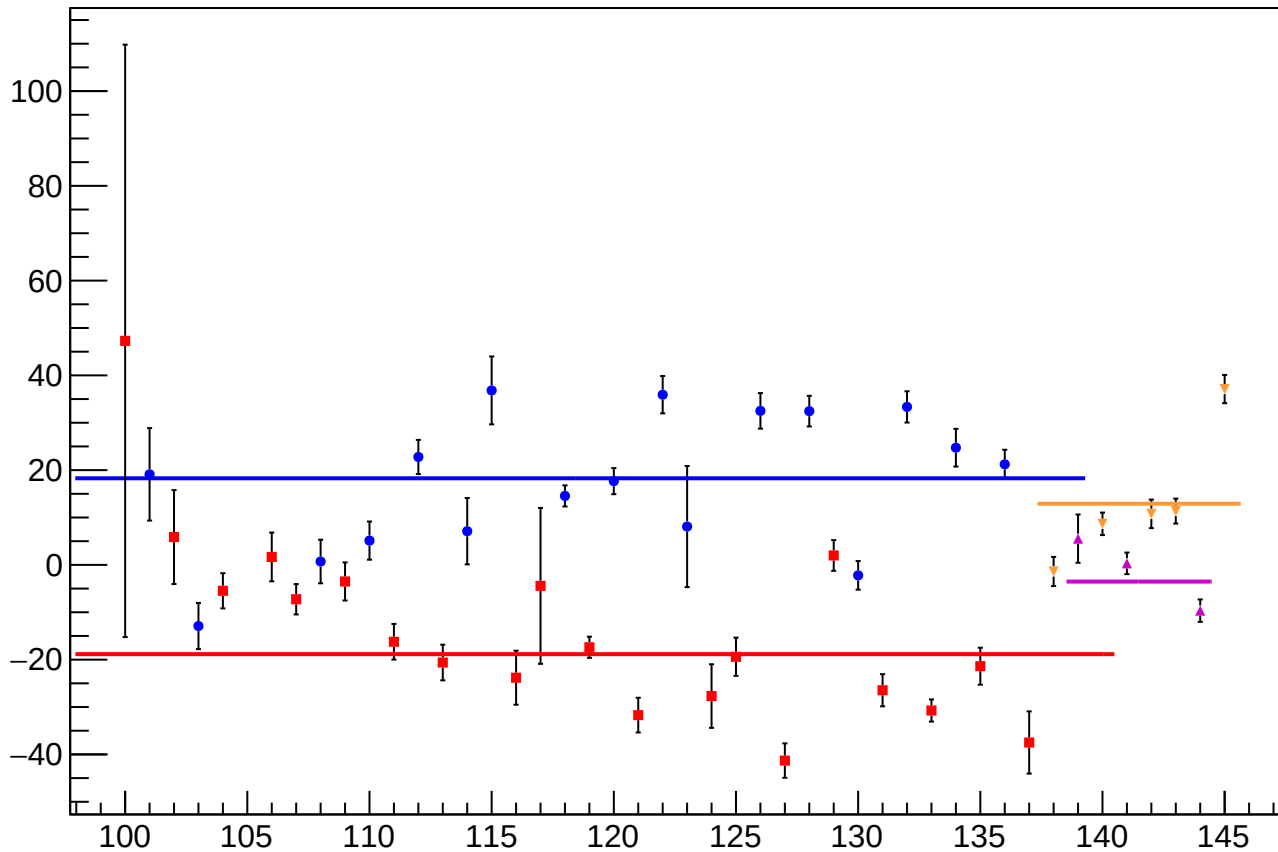
Left In: 86.474+/-1.779 χ^2/NDF : 40.0/2

-84.598+/-1.508 χ^2/NDF : 131.9/4

-13.043+/-1.150 χ^2/NDF : 5553.1/7

86.474+/-1.779 χ^2/NDF : 40.0/2

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: 12.913 $\pm$ 1.240 χ^2 /NDF: 91.5/4

Right Out: -18.842 $\pm$ 0.863 χ^2 /NDF: 199.2/19

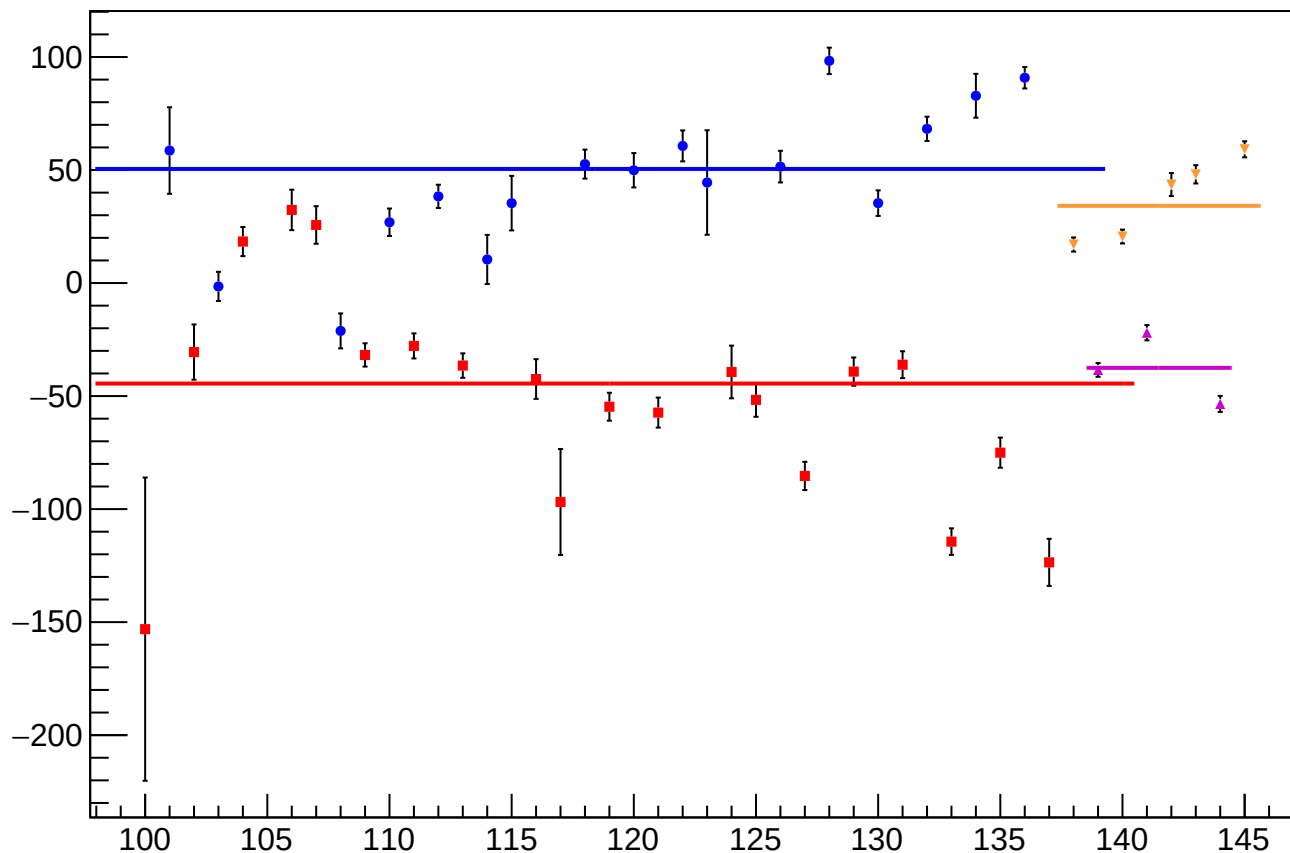
Left In: -3.520 $\pm$ 1.562 χ^2 /NDF: 12.7/2

16.414 $\pm$ 0.731 χ^2 /NDF: 308.3/21

1.092 $\pm$ 0.525 χ^2 /NDF: 1501.1/44

-15.258 $\pm$ 0.756 χ^2 /NDF: 285.6/22

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482 $\pm$ 1.668 χ^2/NDF : 357.9/16

Left Out: 34.158 $\pm$ 1.607 χ^2/NDF : 114.1/4

Right Out: -44.466 $\pm$ 1.599 χ^2/NDF : 539.4/19

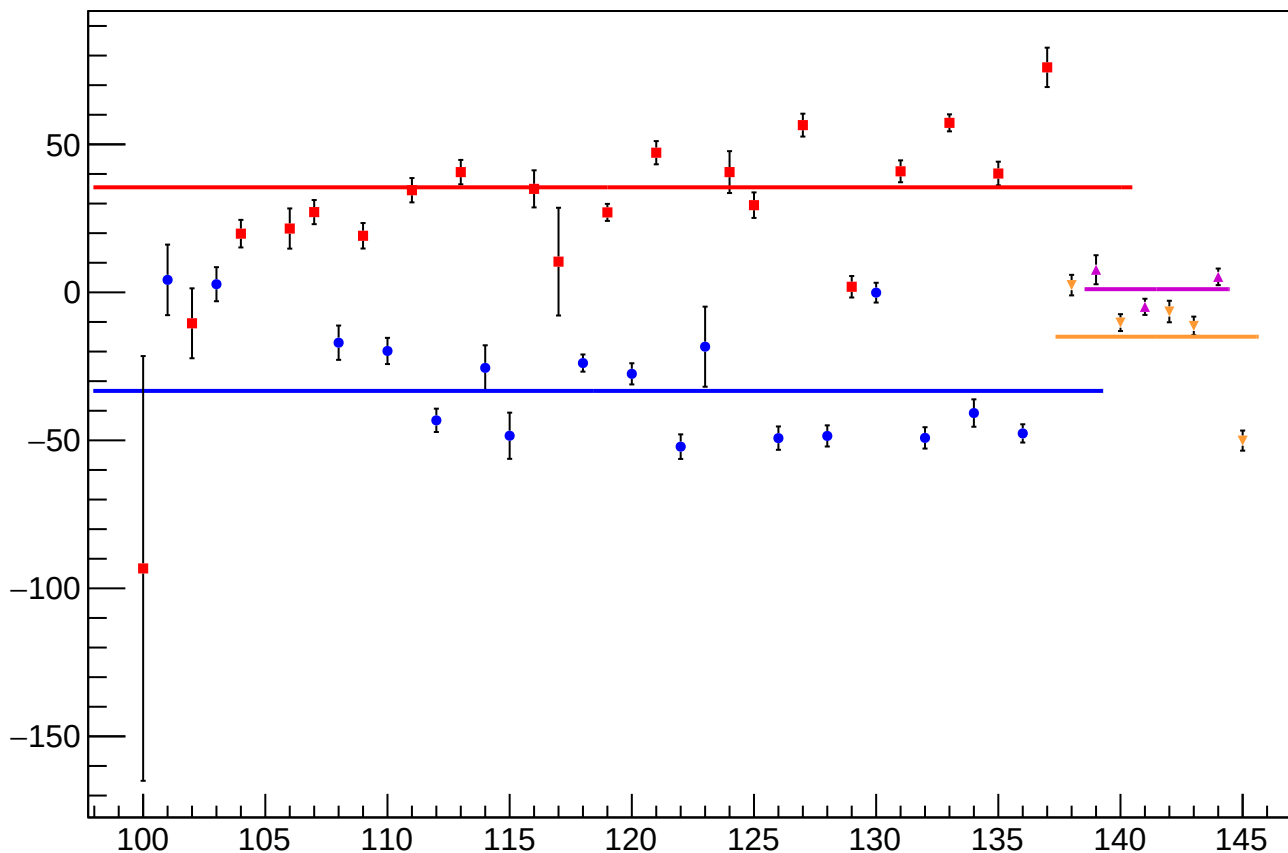
Left In: -37.506 $\pm$ 1.908 χ^2/NDF : 41.5/2

42.018 $\pm$ 1.157 χ^2/NDF : 521.6/21

2.593 $\pm$ 0.841 χ^2/NDF : 3571.0/44

-41.595 $\pm$ 1.225 χ^2/NDF : 588.8/22

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -14.983 ± 1.460 χ^2/NDF : 141.6/4

Right Out: 35.491 ± 0.991 χ^2/NDF : 289.5/19

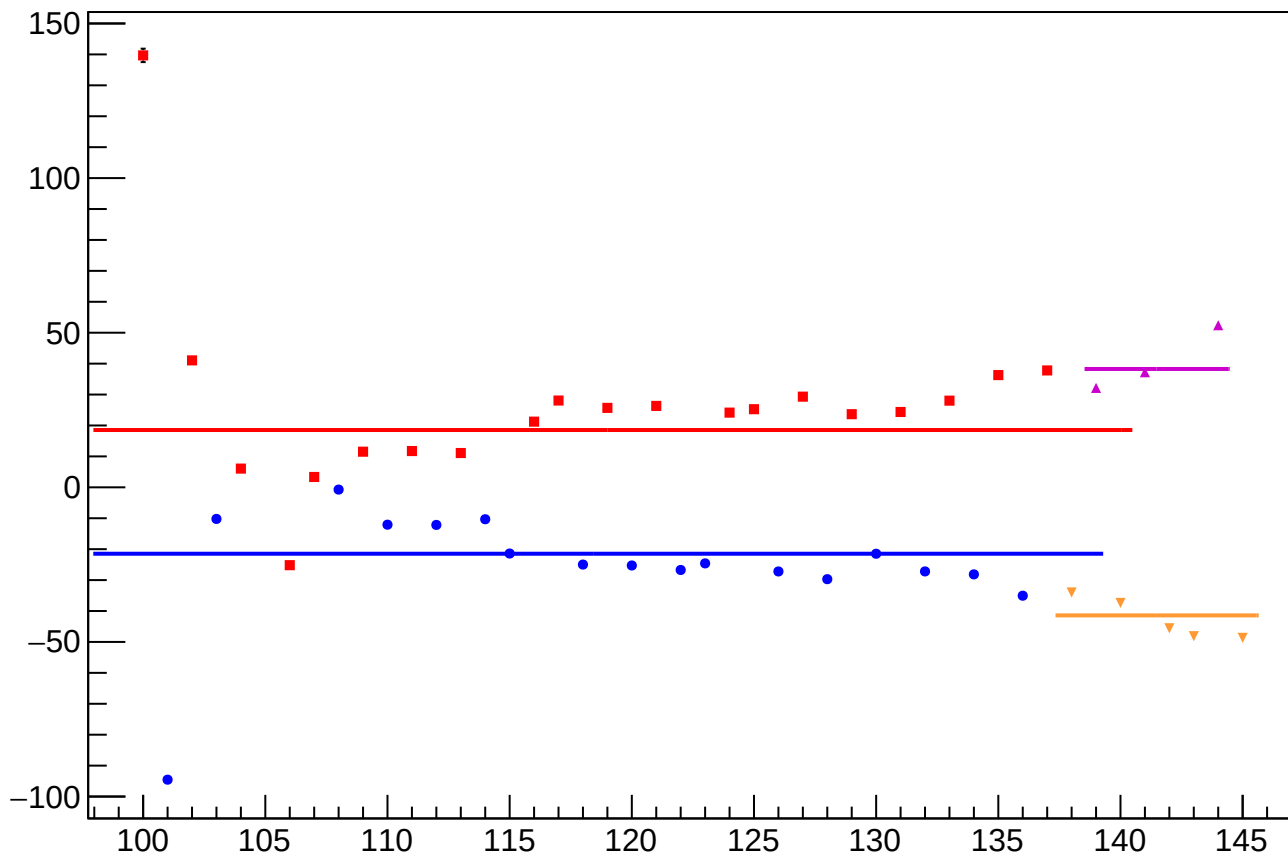
Left In: 1.075 ± 1.817 χ^2/NDF : 8.8/2

-27.185 ± 0.843 χ^2/NDF : 535.5/21

-0.646 ± 0.606 χ^2/NDF : 3154.8/44

27.598 ± 0.870 χ^2/NDF : 574.9/22

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476 ± 0.059 χ^2/NDF : 49009.8/16

Left Out: -41.418 ± 0.065 χ^2/NDF : 9399.7/4

Right Out: 18.533 ± 0.057 χ^2/NDF : 80812.7/19

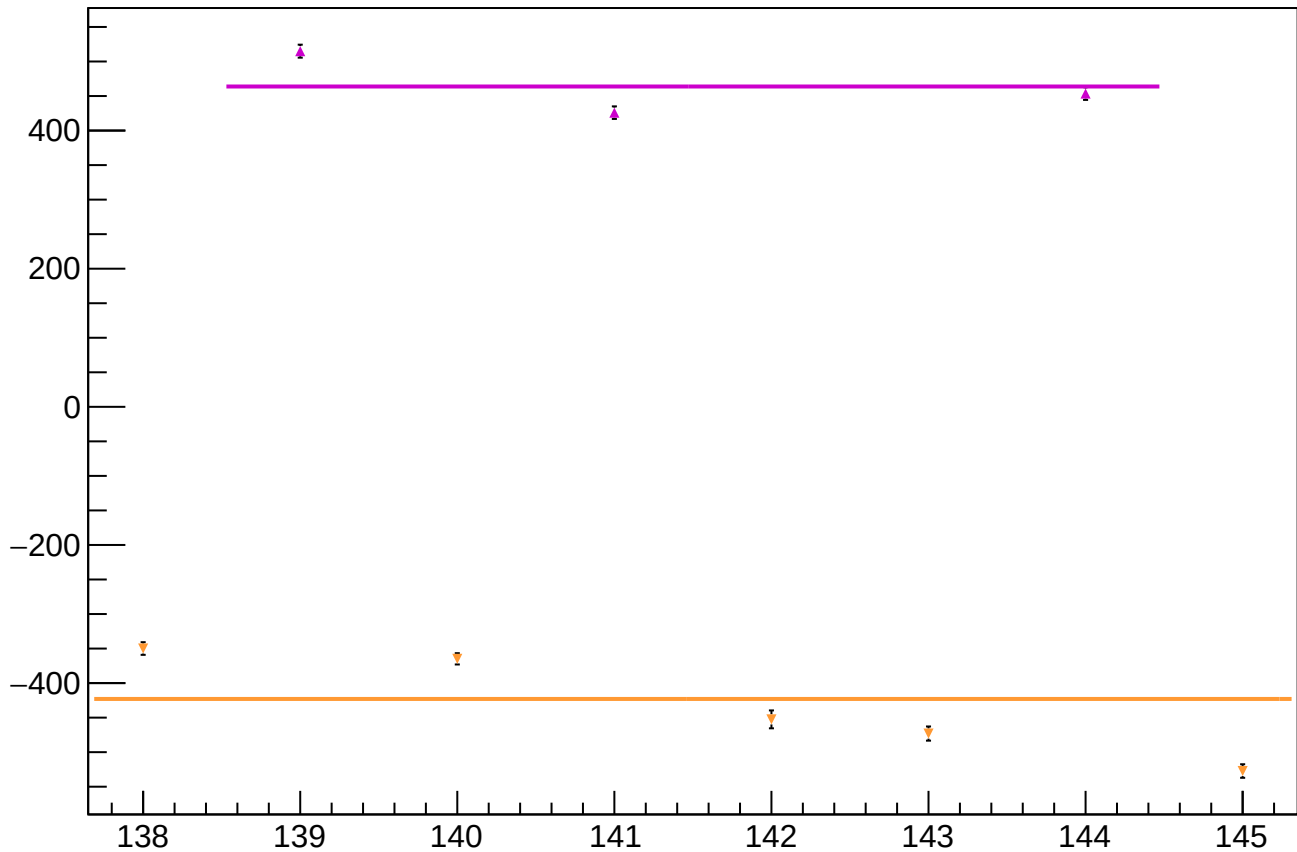
Left In: 38.276 ± 0.074 χ^2/NDF : 11584.0/2

-30.417 ± 0.044 χ^2/NDF : 110191.1/21

-3.348 ± 0.031 χ^2/NDF : 1049800.2/44

25.914 ± 0.045 χ^2/NDF : 136830.9/22

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -422.938+/-4.355 χ^2/NDF : 256.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

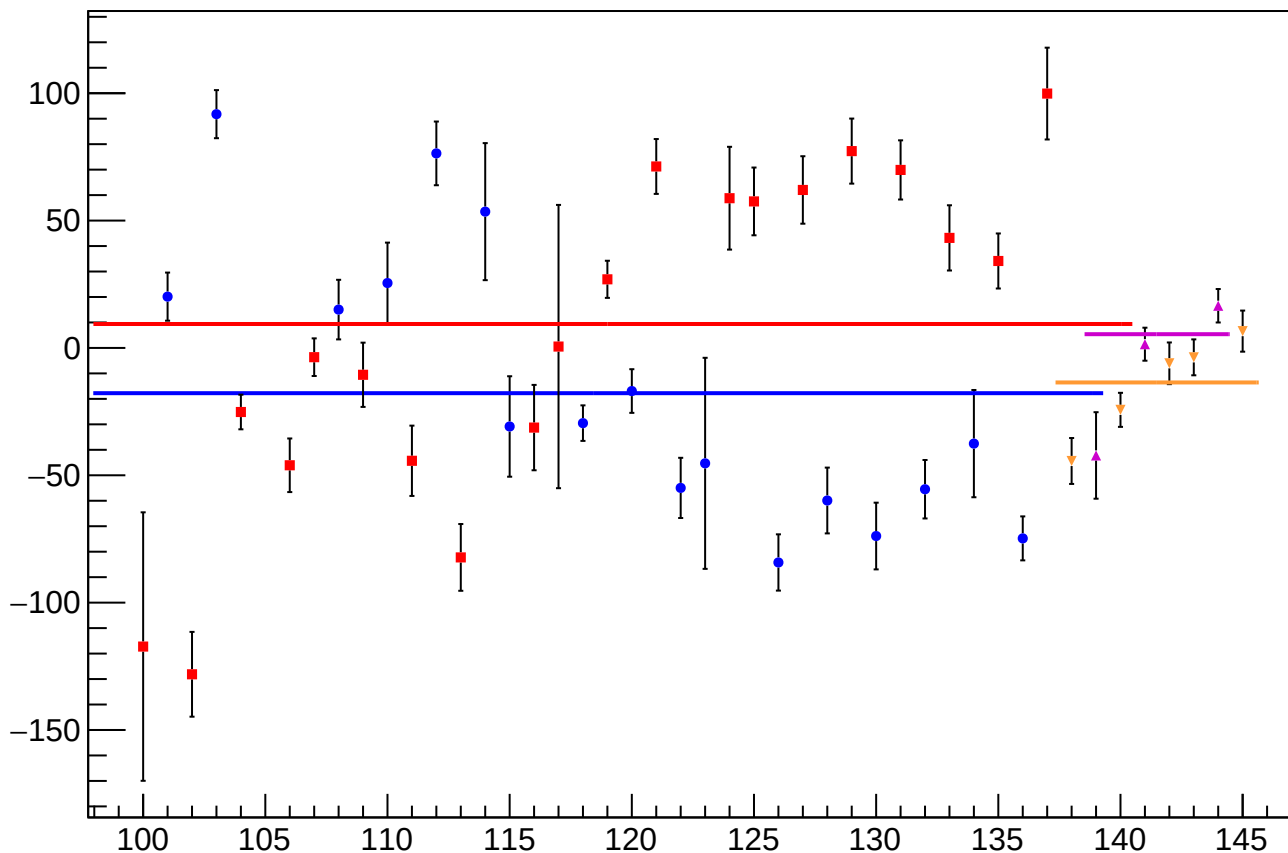
Left In: 463.802+/-5.332 χ^2/NDF : 48.1/2

-422.938+/-4.355 χ^2/NDF : 256.3/4

-68.130+/-3.373 χ^2/NDF : 16893.4/7

463.802+/-5.332 χ^2/NDF : 48.1/2

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 ± 2.781 $\chi^2/\text{NDF}: 363.9/16$

Left Out: -13.552 ± 3.428 $\chi^2/\text{NDF}: 23.3/4$

Right Out: 9.397 ± 2.610 $\chi^2/\text{NDF}: 369.6/19$

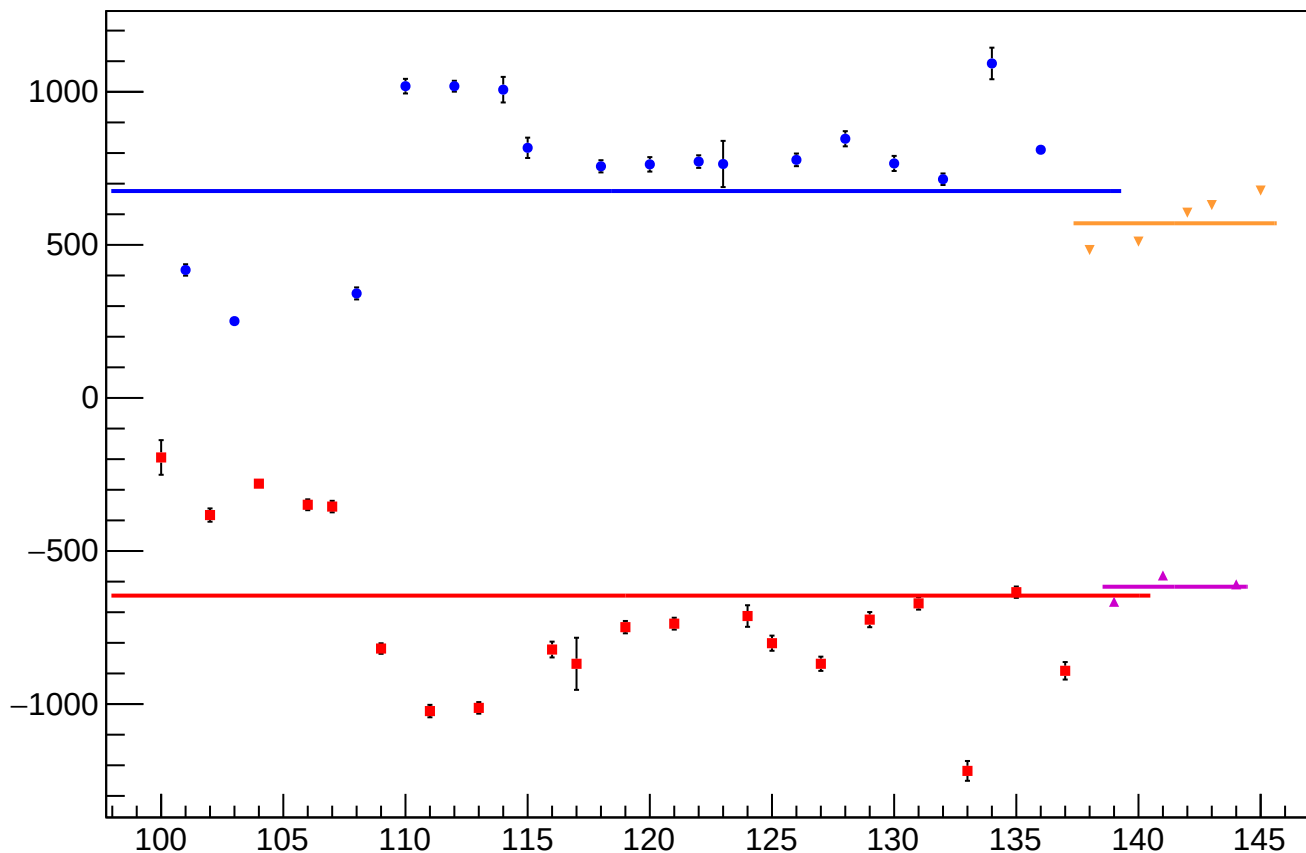
Left In: 5.397 ± 4.451 $\chi^2/\text{NDF}: 11.1/2$

-16.092 ± 2.160 $\chi^2/\text{NDF}: 388.1/21$

-4.369 ± 1.559 $\chi^2/\text{NDF}: 830.9/44$

8.373 ± 2.252 $\chi^2/\text{NDF}: 381.3/22$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF : 2586.4/16

Left Out: 570.536+/-4.651 χ^2/NDF : 267.2/4

Right Out: -645.711+/-4.753 χ^2/NDF : 3130.1/19

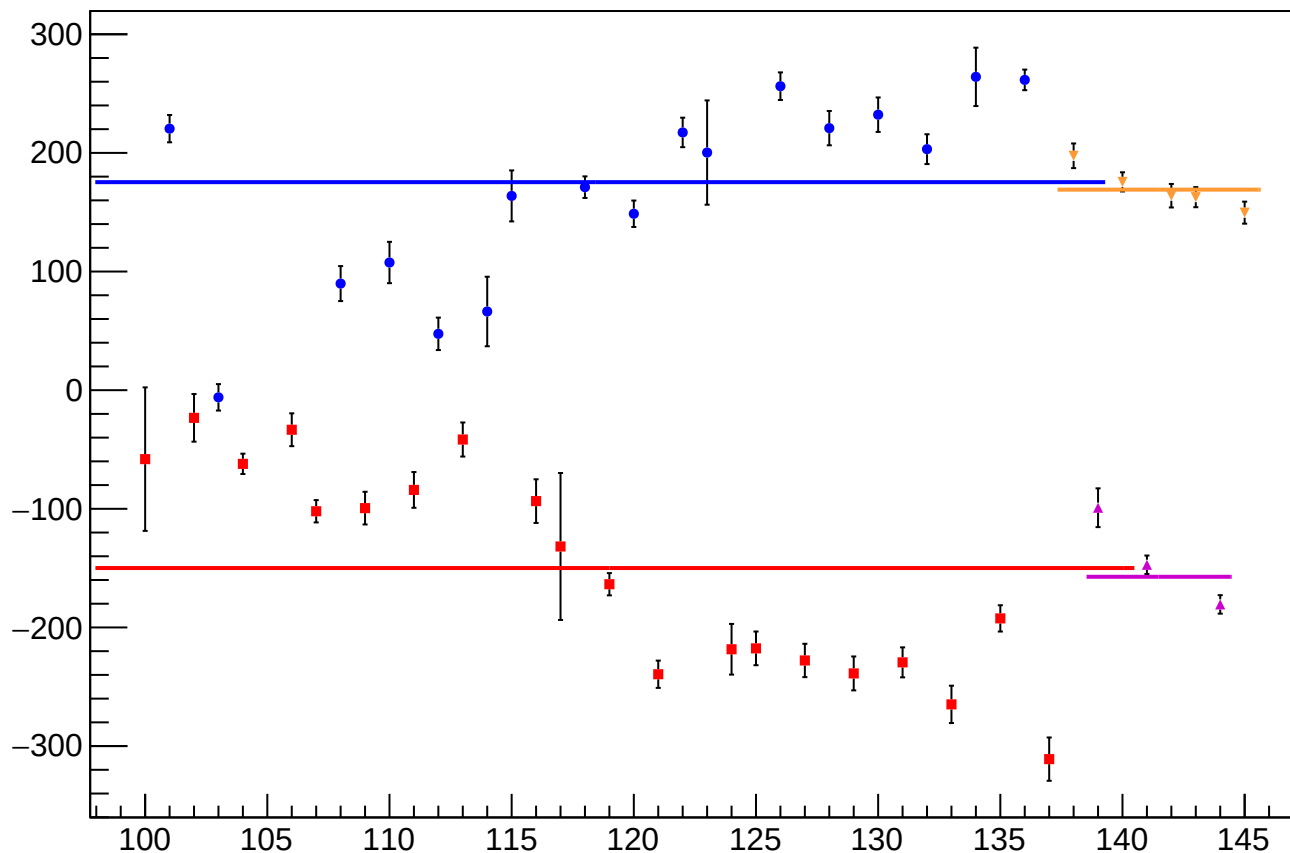
Left In: -616.674+/-5.714 χ^2/NDF : 38.4/2

619.018+/-3.417 χ^2/NDF : 3089.6/21

34.535+/-2.496 χ^2/NDF : 68979.4/44

-633.835+/-3.654 χ^2/NDF : 3183.8/22

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341 $\pm$ 3.203 χ^2/NDF : 638.5/16

Left Out: 169.027 $\pm$ 4.072 χ^2/NDF :13.4/4

Right Out: -149.923 $\pm$ 3.041 χ^2/NDF : 693.2/19

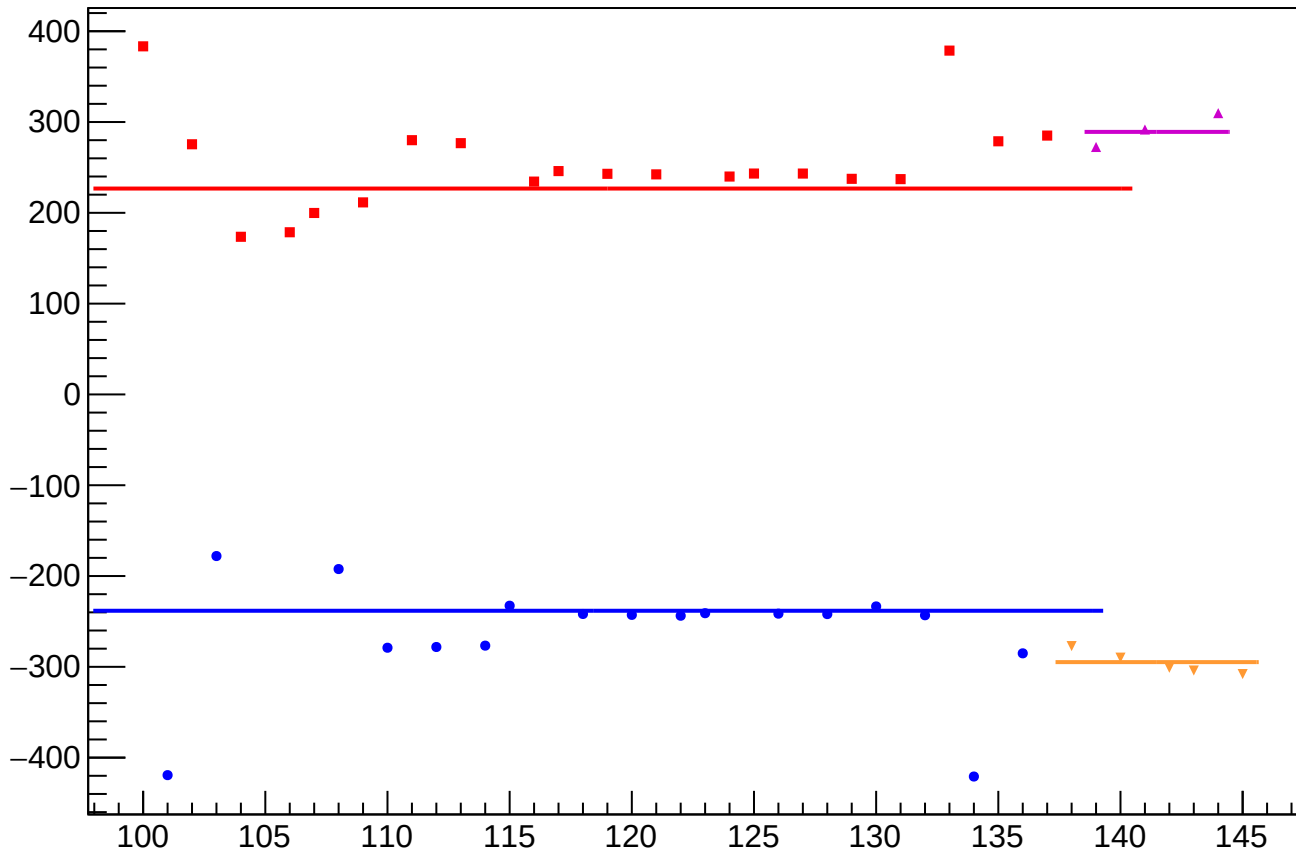
Left In: -157.294 $\pm$ 5.224 χ^2/NDF :23.3/2

172.928 $\pm$ 2.518 χ^2/NDF : 653.3/21

17.564 $\pm$ 1.818 χ^2/NDF : 9331.4/44

-151.789 $\pm$ 2.628 χ^2/NDF : 718.0/22

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -294.804+/-0.190 χ^2/NDF : 3764.4/4

Right Out: 226.735+/-0.151 χ^2/NDF : 102855.7/19

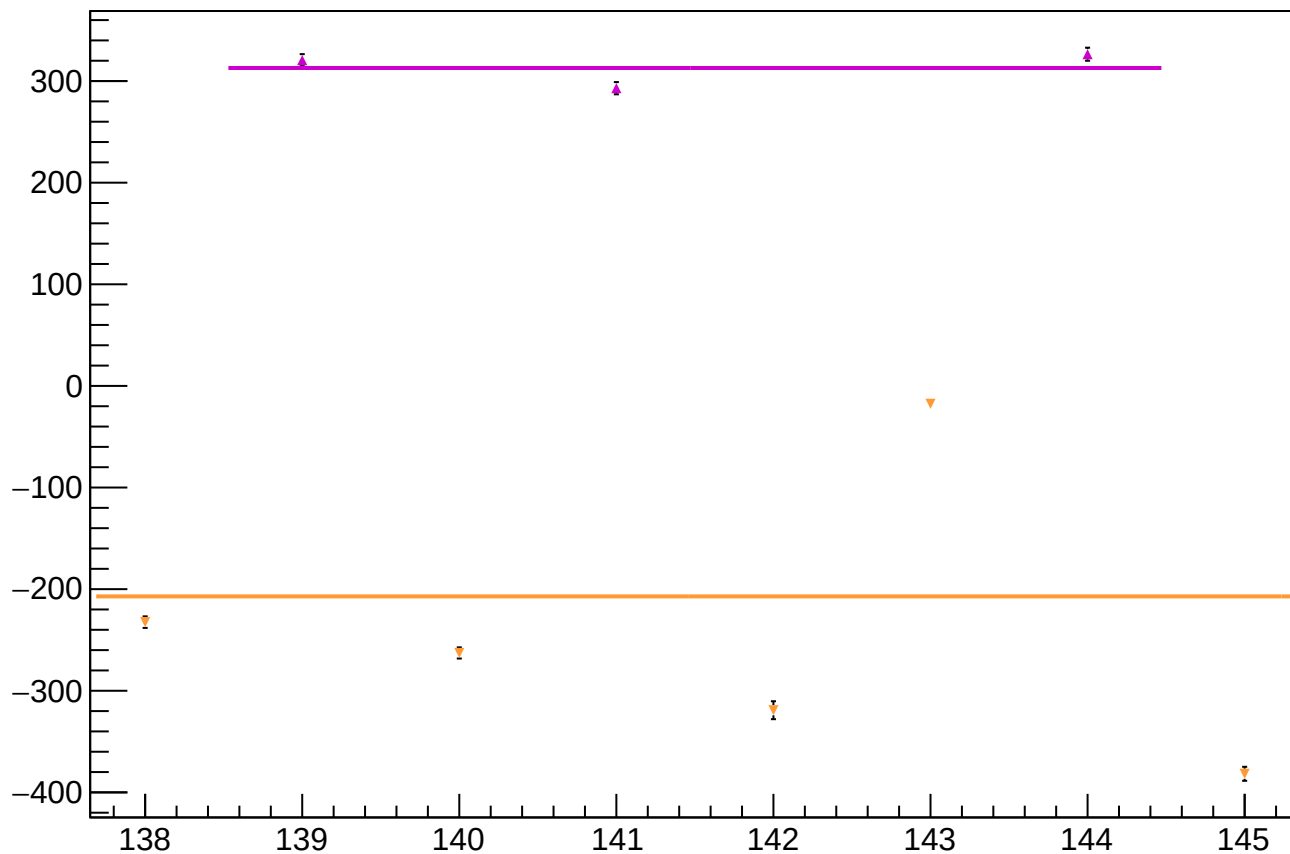
Left In: 289.132+/-0.226 χ^2/NDF : 4479.0/2

-261.689+/-0.122 χ^2/NDF : 222727.3/21

-14.215+/-0.088 χ^2/NDF : 8773556.5/44

246.029+/-0.125 χ^2/NDF : 160146.0/22

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: -207.142+/-2.683 χ^2/NDF : 2394.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

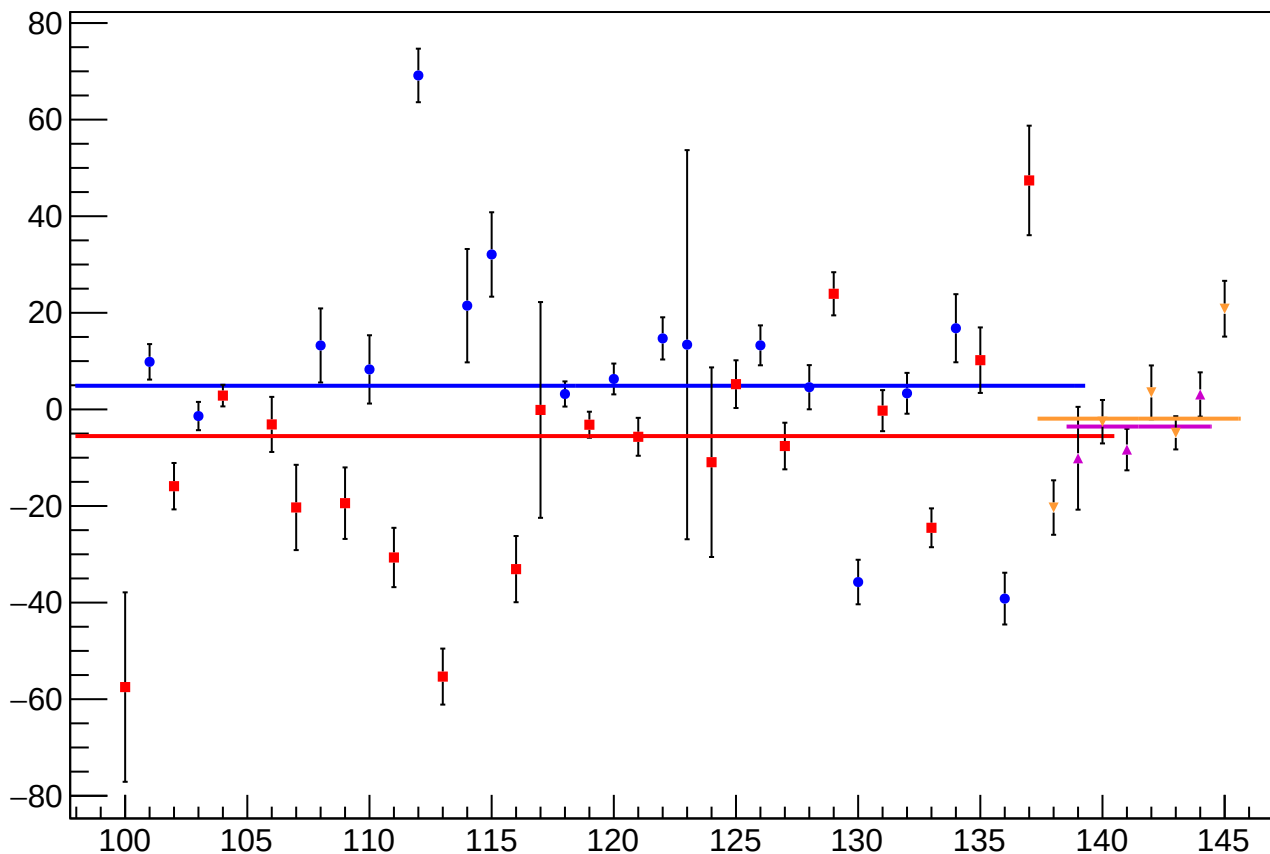
Left In: 312.869+/-3.531 χ^2/NDF : 17.0/2

-207.142+/-2.683 χ^2/NDF : 2394.3/4

-16.838+/-2.136 χ^2/NDF : 16158.7/7

312.869+/-3.531 χ^2/NDF : 17.0/2

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Left Out: -1.912 ± 2.096 χ^2/NDF : 27.9/4

Right Out: -5.522 ± 1.070 χ^2/NDF : 239.2/19

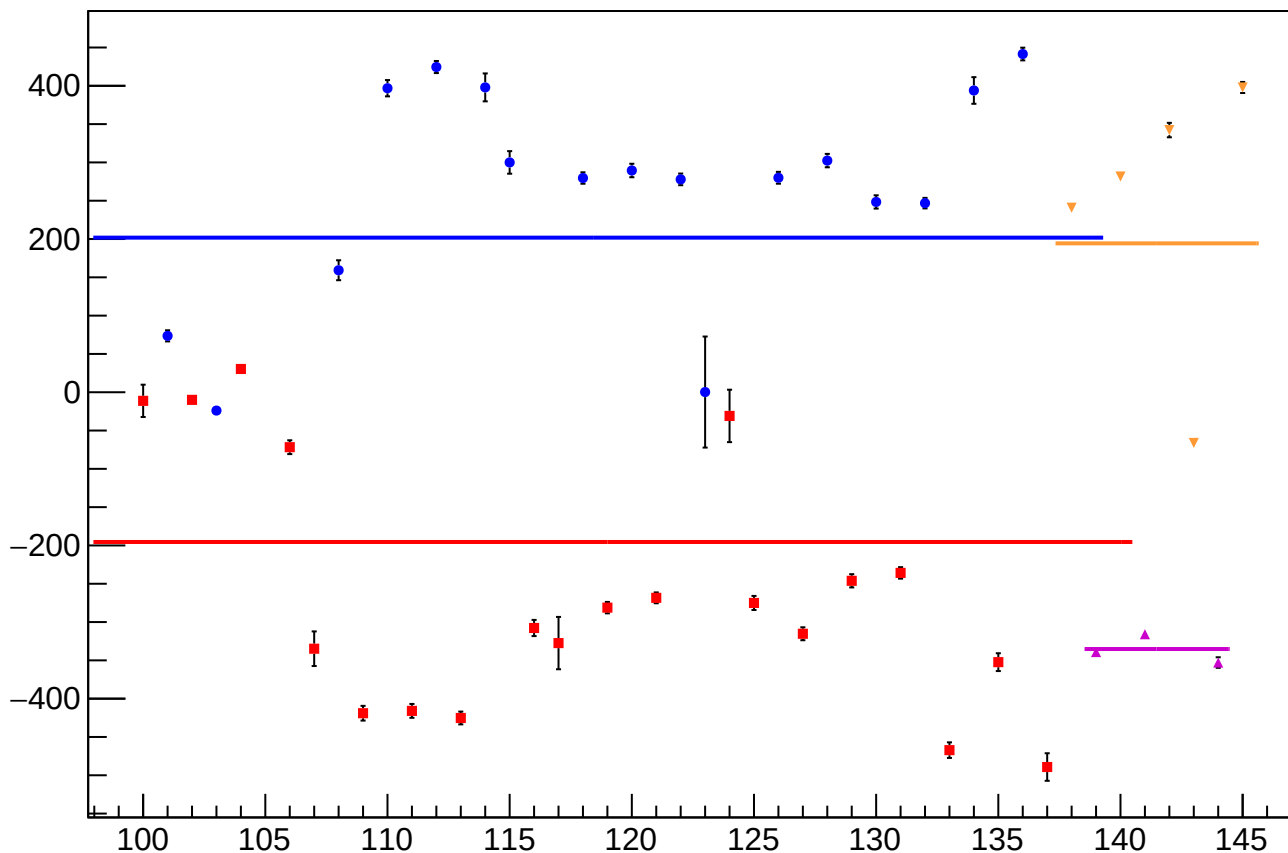
Left In: -3.549 ± 3.006 χ^2/NDF : 3.7/2

3.449 ± 0.966 χ^2/NDF : 348.2/21

-0.741 ± 0.698 χ^2/NDF : 630.7/44

-5.300 ± 1.008 χ^2/NDF : 243.3/22

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.807 +/- 1.970 χ^2/NDF : 6754.2/16

Left Out: 199.411 +/- 1.623 χ^2/NDF : 10512.2/21

Right Out: -195.472 +/- 1.921 χ^2/NDF : 8272.1/19

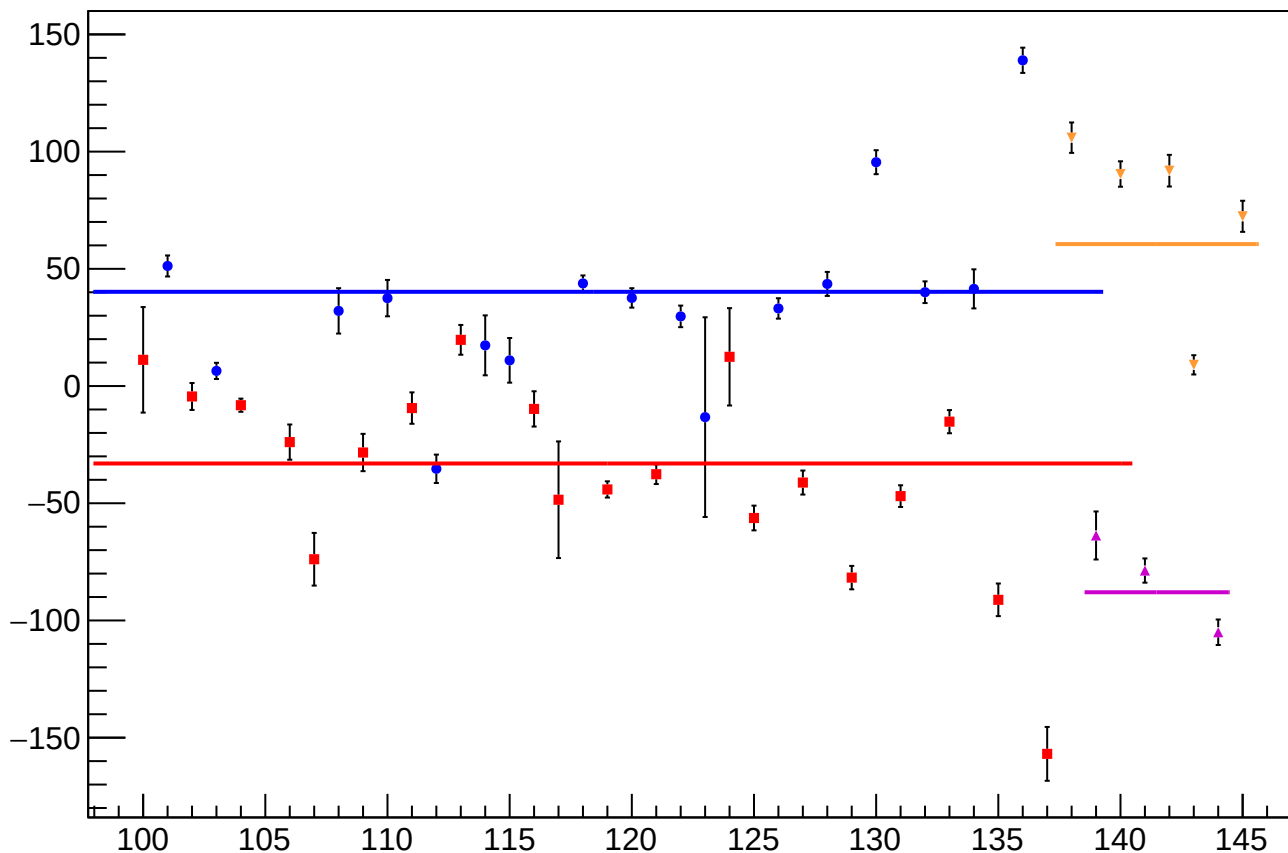
Left In: -335.189 +/- 3.786 χ^2/NDF : 16.0/2

199.411 +/- 1.623 χ^2/NDF : 10512.2/21

-0.934 +/- 1.178 χ^2/NDF : 52074.6/44

-224.085 +/- 1.713 χ^2/NDF : 9371.0/22

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.196+/-1.268 χ^2/NDF : 735.0/16

Left Out: 60.554+/-2.487 χ^2/NDF : 261.3/4

Right Out: -33.038+/-1.251 χ^2/NDF : 554.5/19

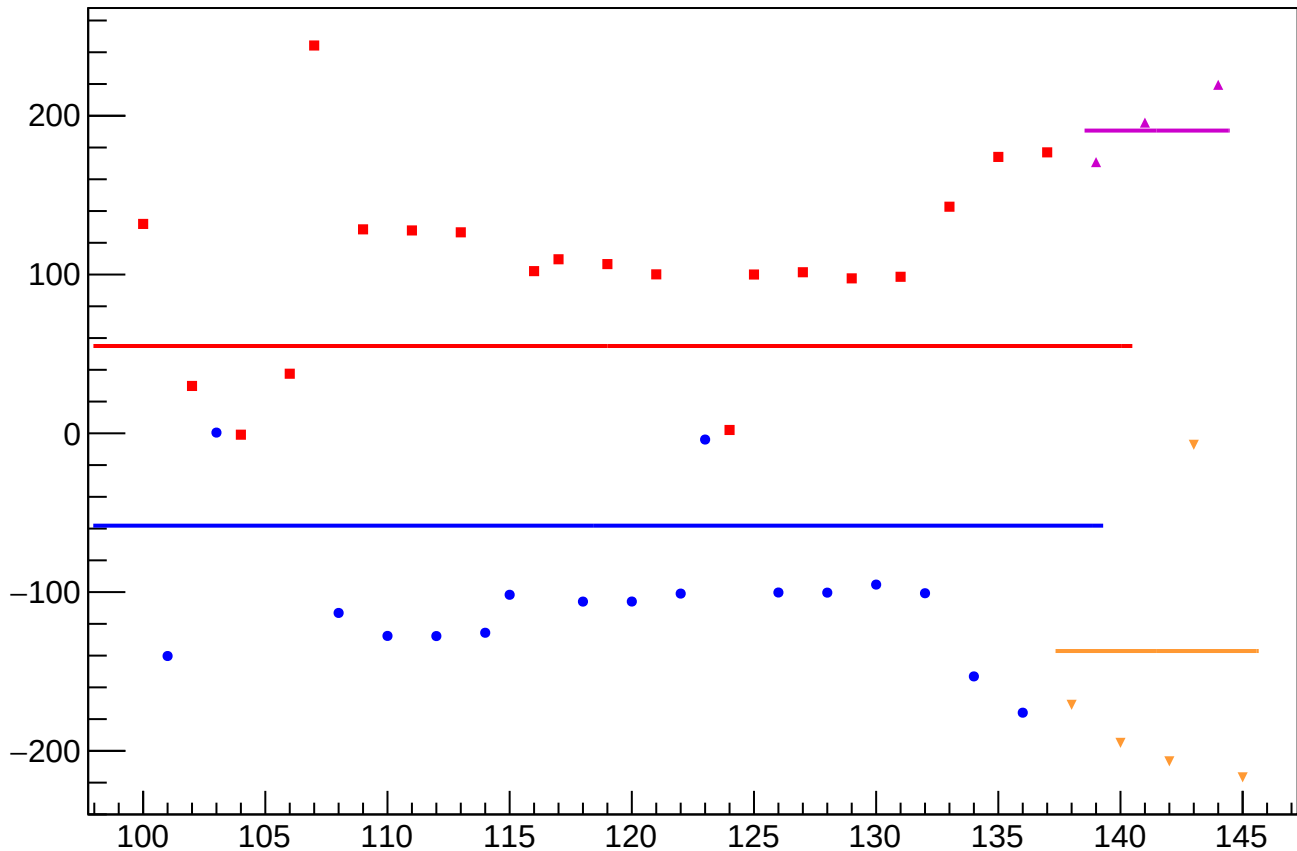
Left In: -87.967+/-3.520 χ^2/NDF : 18.6/2

44.394+/-1.129 χ^2/NDF : 1049.4/21

4.388+/-0.815 χ^2/NDF : 4460.9/44

-39.197+/-1.179 χ^2/NDF : 789.3/22

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155+/-0.062 χ^2/NDF : 1105509.3/16

Left Out: -137.111+/-0.116 χ^2/NDF : 560045.9/4

Right Out: 54.995+/-0.060 χ^2/NDF : 1005108.5/19

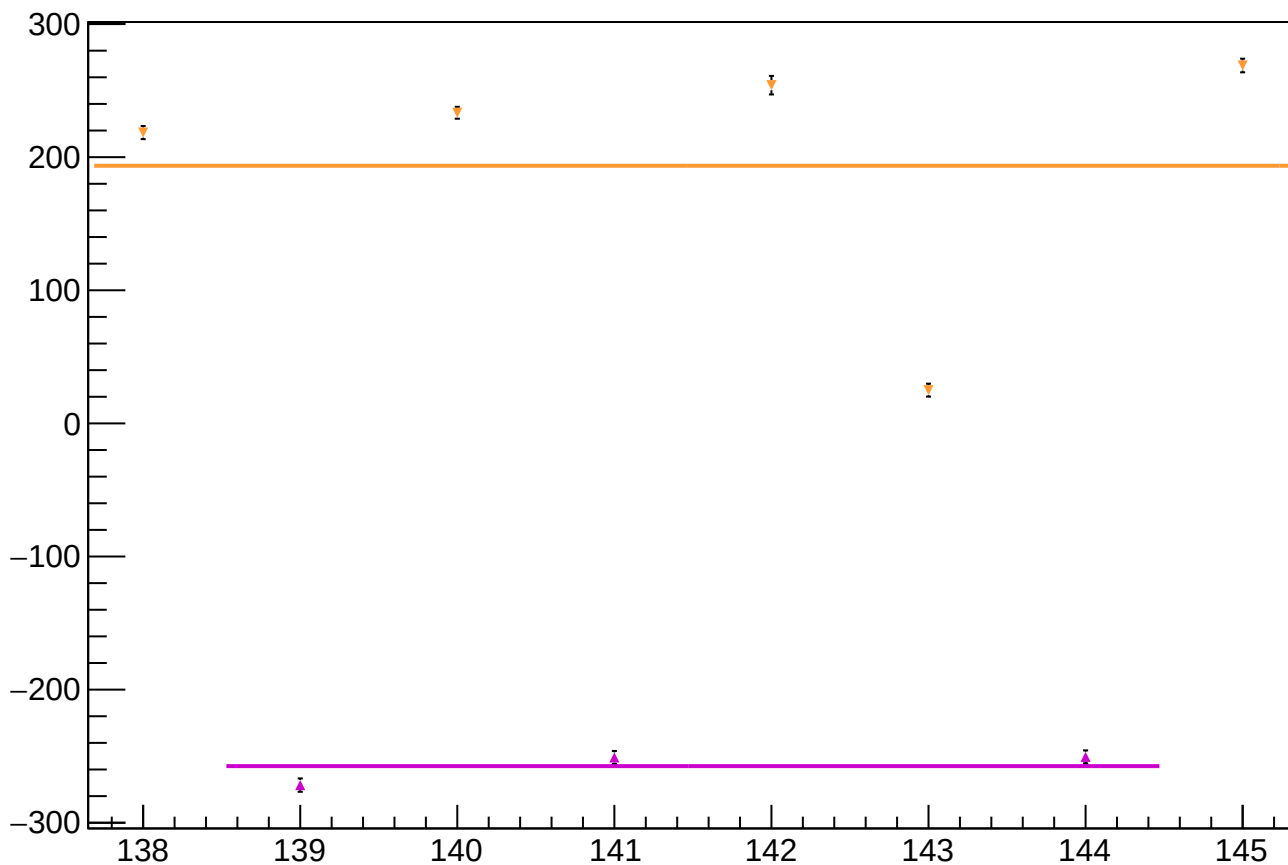
Left In: 190.674+/-0.148 χ^2/NDF : 17272.2/2

-75.403+/-0.054 χ^2/NDF : 2024742.8/21

-2.408+/-0.039 χ^2/NDF : 7451031.0/44

74.182+/-0.056 χ^2/NDF : 1741292.0/22

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: 193.547+/-2.285 χ^2/NDF : 1593.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

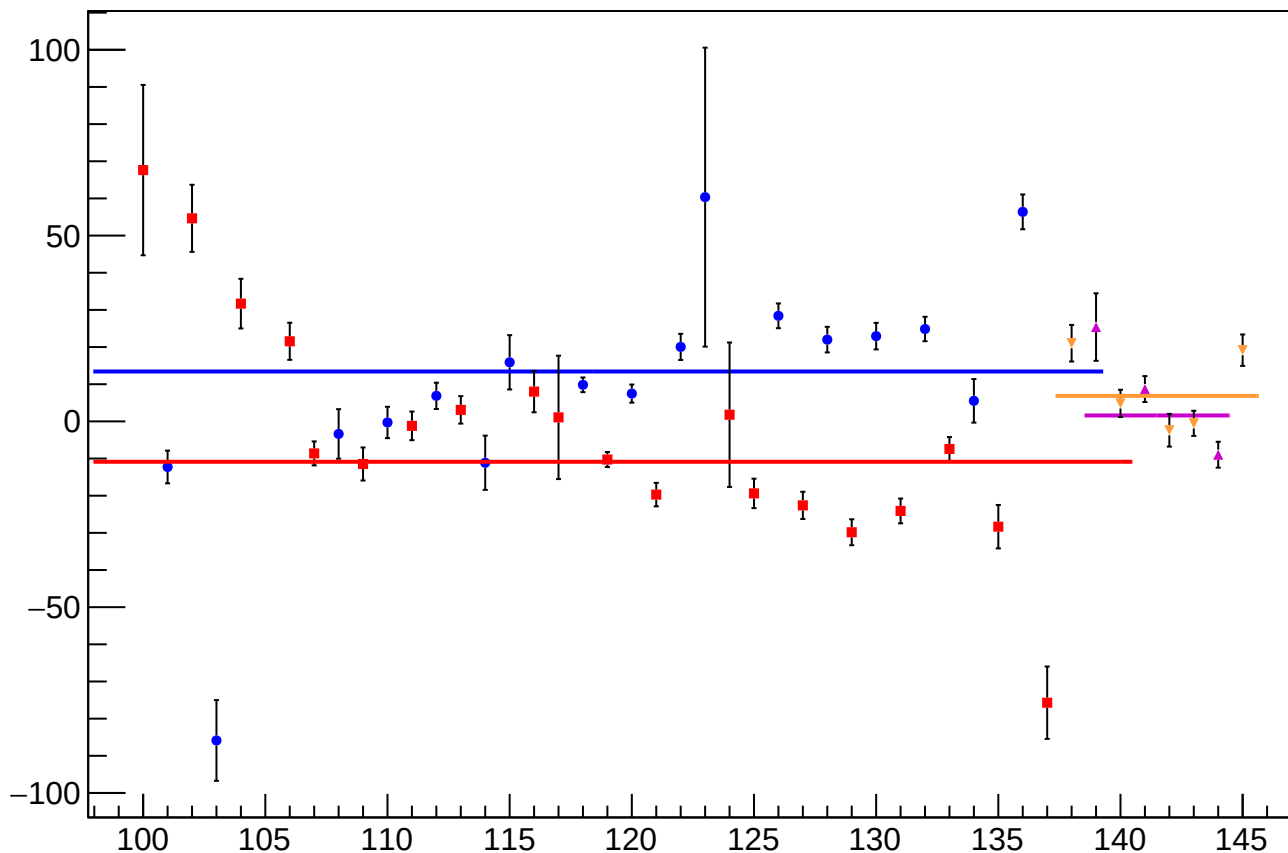
Left In: -257.456+/-2.850 χ^2/NDF : 11.8/2

193.547+/-2.285 χ^2/NDF : 1593.0/4

17.028+/-1.783 χ^2/NDF : 16846.9/7

-257.456+/-2.850 χ^2/NDF : 11.8/2

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: 6.863+/-1.795 χ^2/NDF : 26.2/4

Right Out: -10.871+/-0.915 χ^2/NDF : 303.1/19

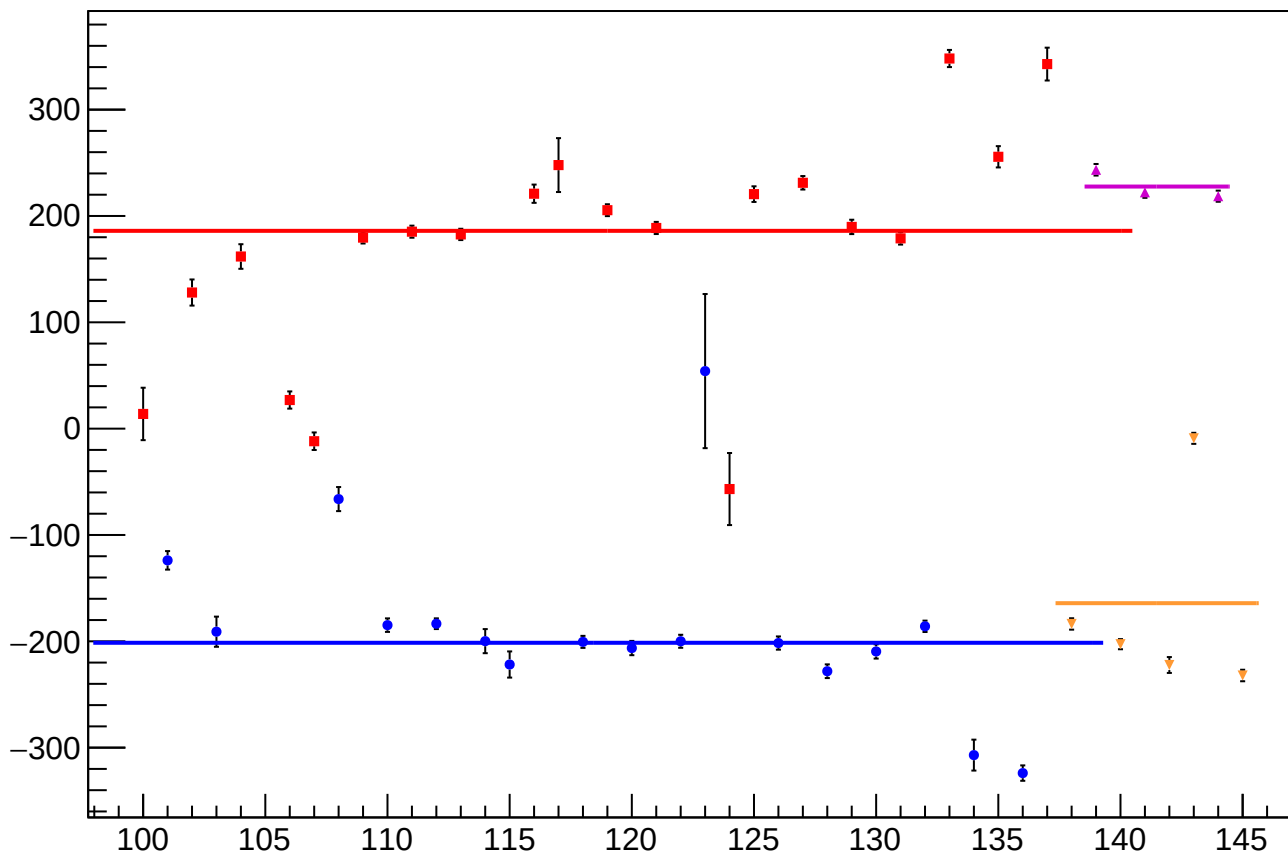
Left In: 1.593+/-2.379 χ^2/NDF : 20.2/2

12.059+/-0.818 χ^2/NDF : 332.0/21

1.848+/-0.591 χ^2/NDF : 1004.4/44

-9.266+/-0.854 χ^2/NDF : 347.2/22

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.384+/-1.779 χ^2/NDF : 623.5/16

Left Out: -164.138+/-2.441 χ^2/NDF : 1185.9/4

Right Out: 186.017+/-1.696 χ^2/NDF : 1755.3/19

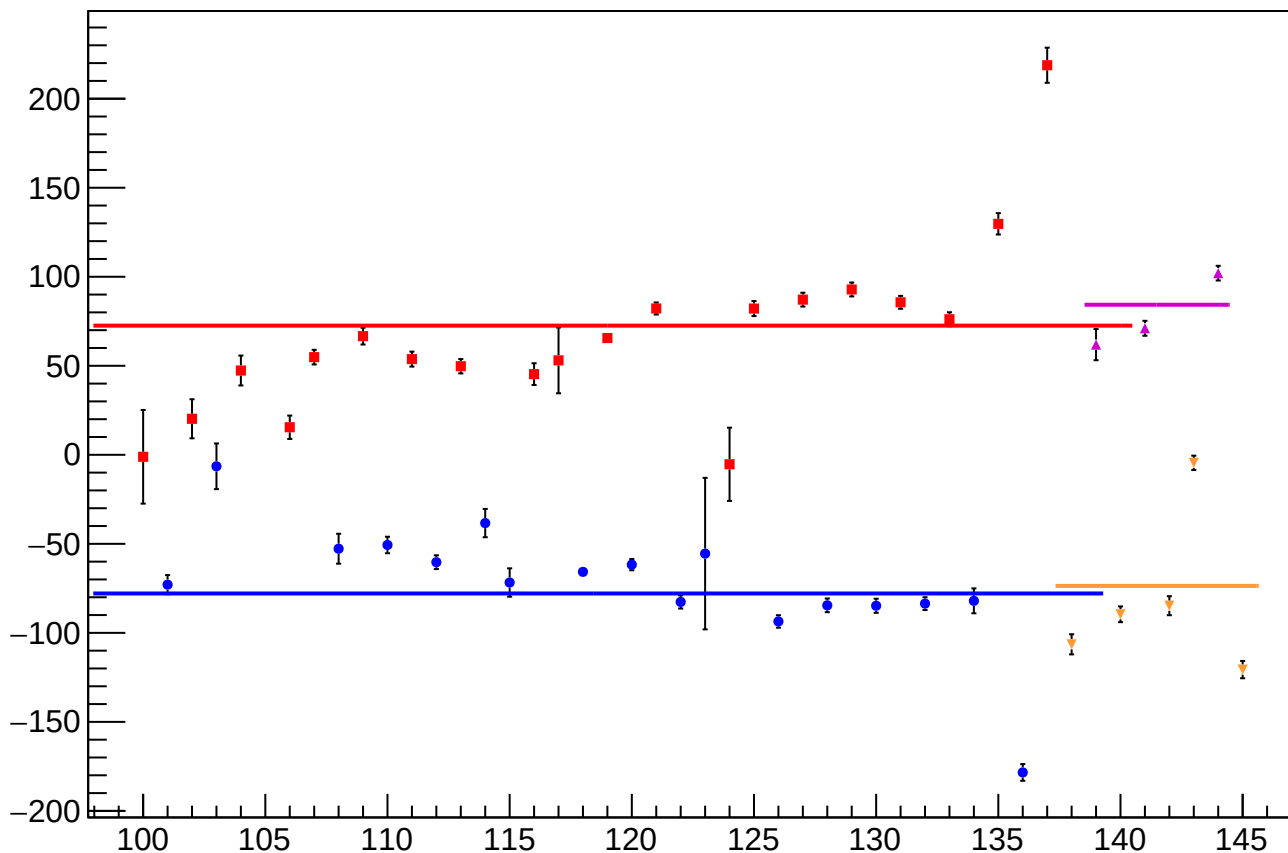
Left In: 227.669+/-3.054 χ^2/NDF : 12.5/2

-188.461+/-1.438 χ^2/NDF : 1961.4/21

-2.214+/-1.032 χ^2/NDF : 38483.3/44

195.836+/-1.483 χ^2/NDF : 1909.9/22

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877 $\pm$ 1.066 χ^2/NDF : 658.2/16

Left Out: -73.615 $\pm$ 2.127 χ^2/NDF : 436.3/4

Right Out: 72.548 $\pm$ 1.052 χ^2/NDF : 608.0/19

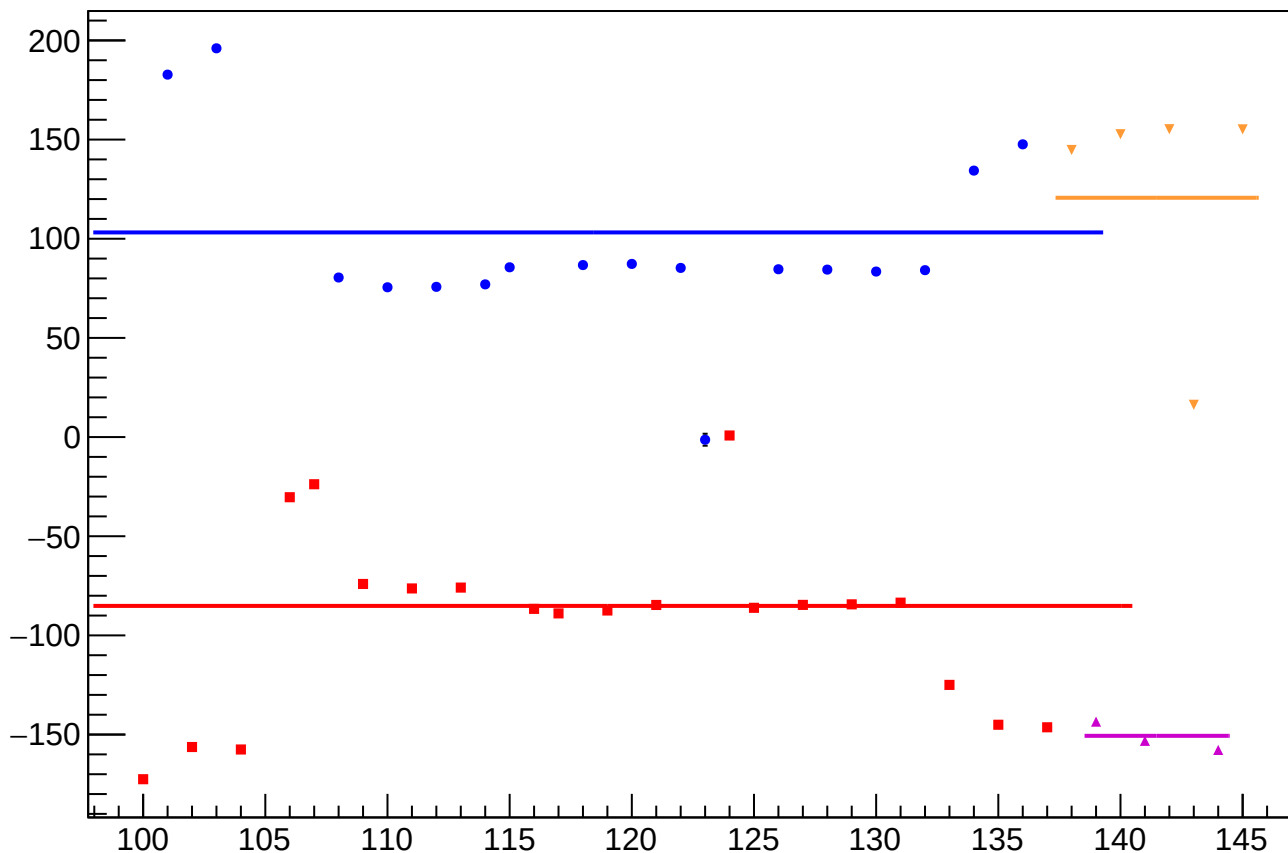
Left In: 84.279 $\pm$ 2.791 χ^2/NDF : 34.9/2

-77.022 $\pm$ 0.953 χ^2/NDF : 1097.7/21

-3.978 $\pm$ 0.685 χ^2/NDF : 13908.8/44

74.008 $\pm$ 0.984 χ^2/NDF : 658.4/22

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188+/-0.070 χ^2/NDF : 273587.8/16

Left Out: 120.664+/-0.099 χ^2/NDF : 327978.4/4

Right Out: -85.132+/-0.064 χ^2/NDF : 423532.0/19

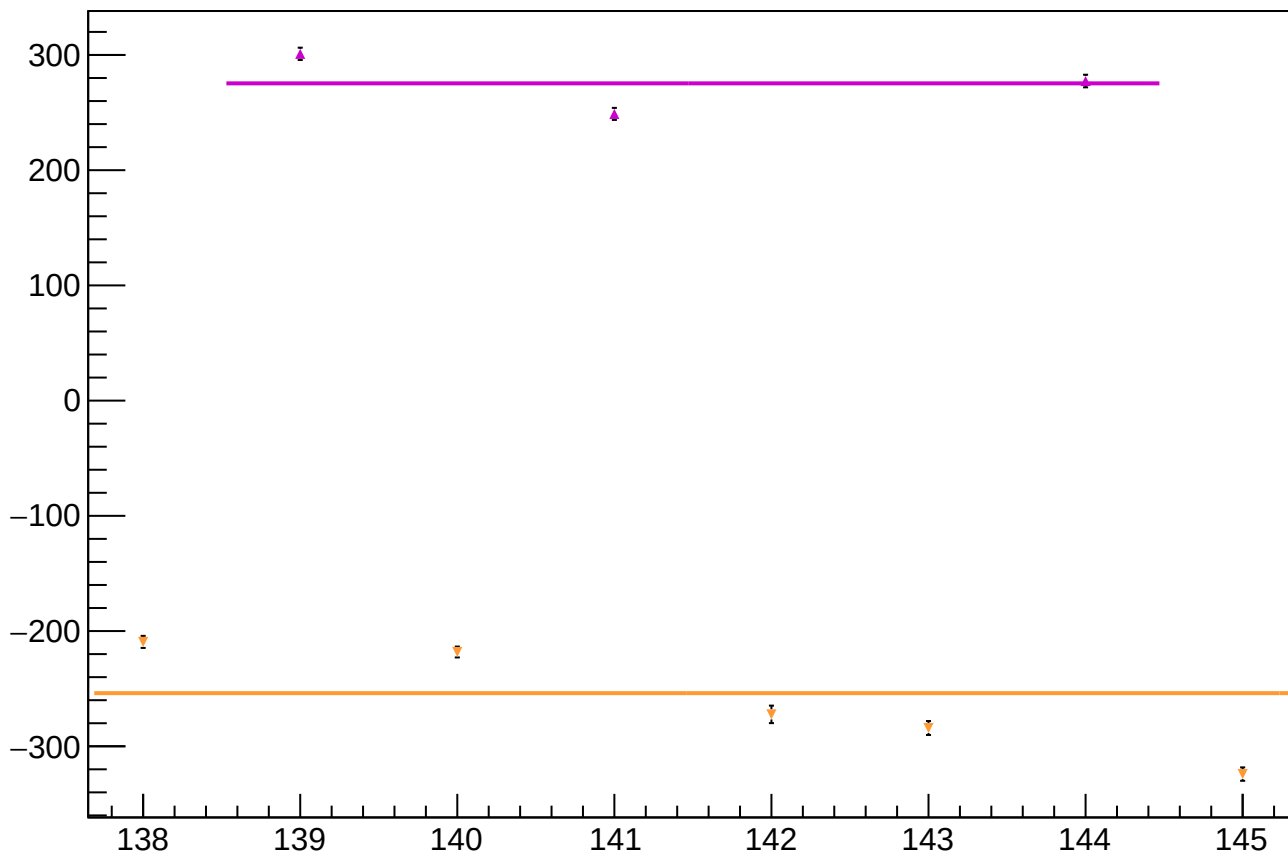
Left In: -150.640+/-0.121 χ^2/NDF : 2497.1/2

109.028+/-0.057 χ^2/NDF : 622194.8/21

2.772+/-0.040 χ^2/NDF : 8002352.5/44

-99.396+/-0.056 χ^2/NDF : 656806.3/22

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: -253.880+/-2.537 χ^2/NDF : 305.6/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

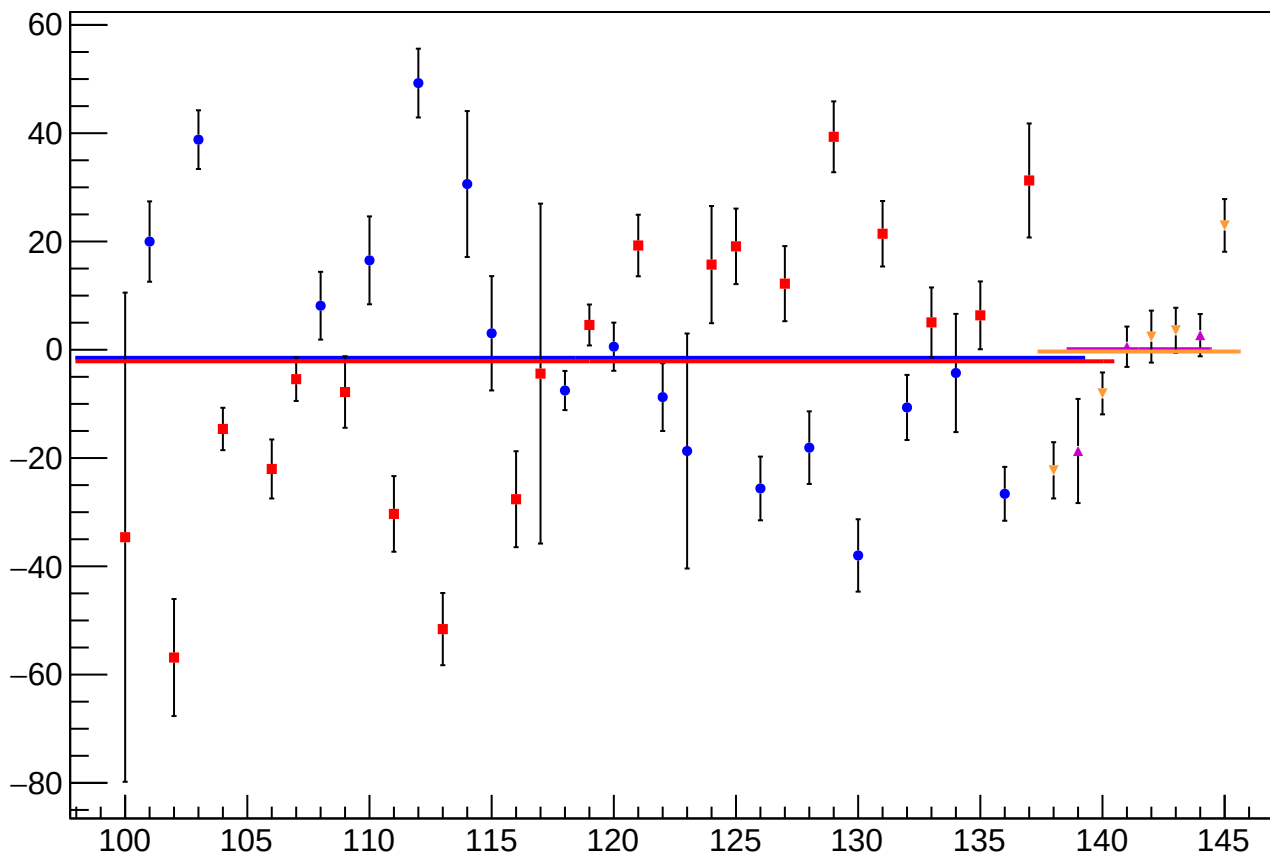
Left In: 275.355+/-3.086 χ^2/NDF : 48.9/2

-253.880+/-2.537 χ^2/NDF : 305.6/4

-40.417+/-1.960 χ^2/NDF : 17904.5/7

275.355+/-3.086 χ^2/NDF : 48.9/2

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.492 ± 1.513 χ^2/NDF : 226.1/16

Left Out: -0.320 ± 2.011 χ^2/NDF : 46.0/4

Right Out: -2.131 ± 1.401 χ^2/NDF : 232.6/19

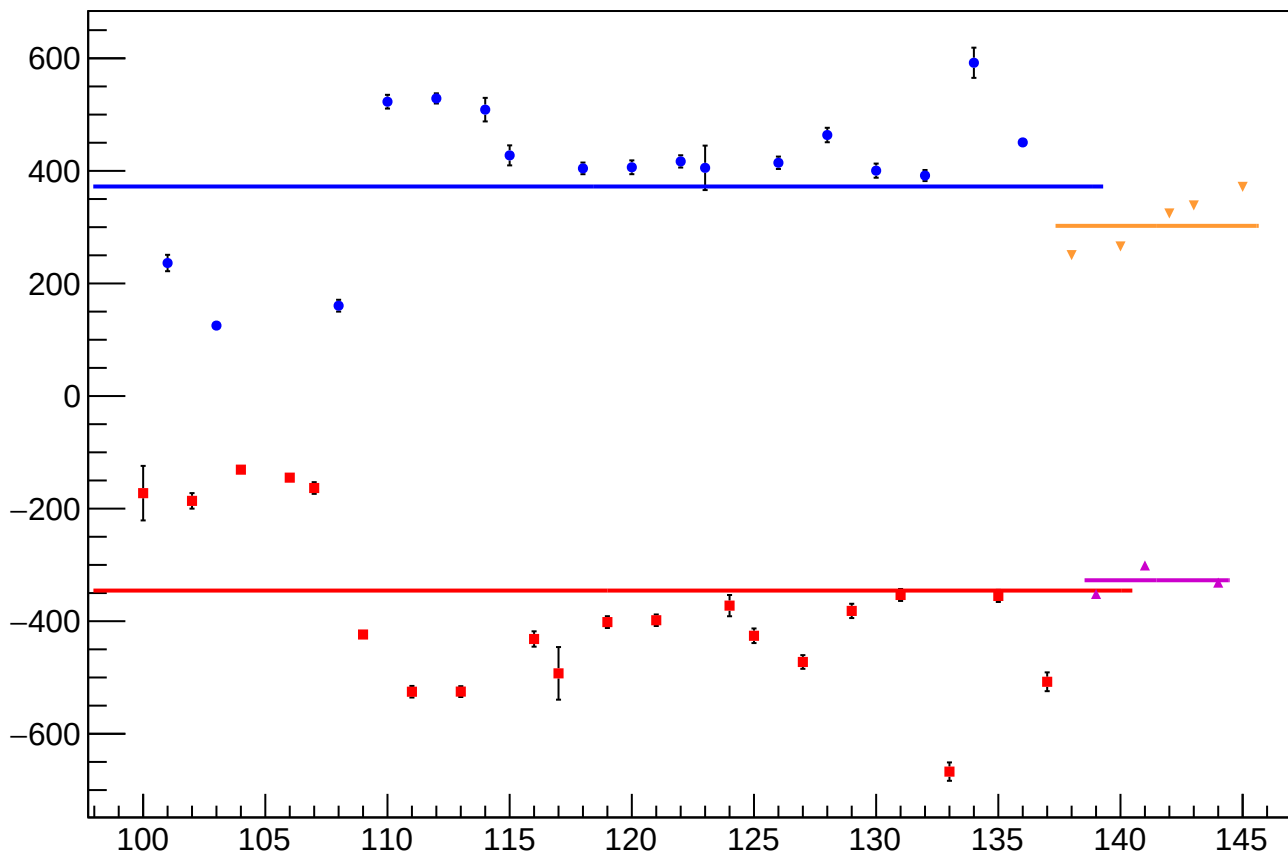
Left In: 0.104 ± 2.596 χ^2/NDF : 4.3/2

-1.068 ± 1.209 χ^2/NDF : 272.3/21

-1.342 ± 0.863 χ^2/NDF : 509.9/44

-1.627 ± 1.233 χ^2/NDF : 237.5/22

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263 $\pm$ 2.759 χ^2/NDF : 2433.1/16

Left Out: 302.358 $\pm$ 2.708 χ^2/NDF :304.3/4

Right Out: -345.577 $\pm$ 2.558 χ^2/NDF : 3426.4/19

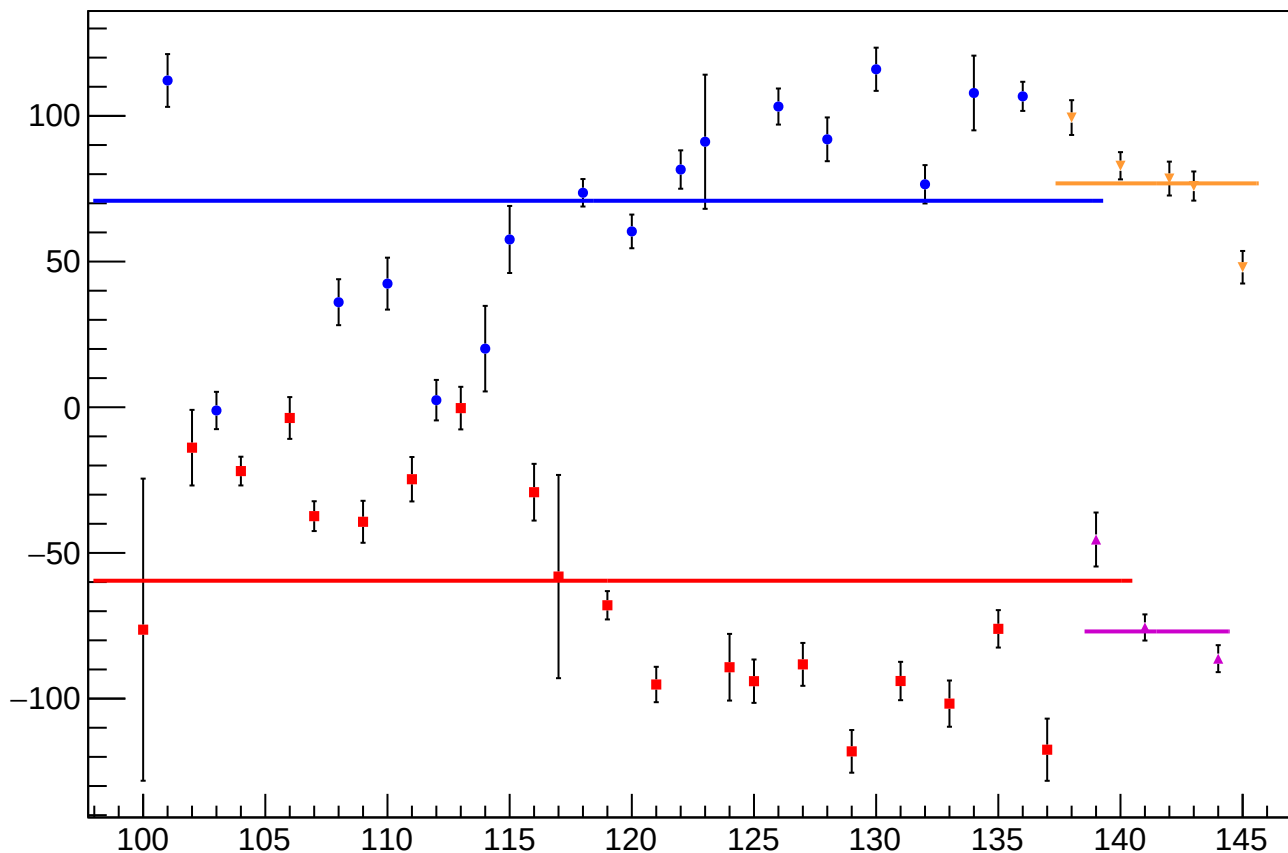
Left In: -327.271 $\pm$ 3.307 χ^2/NDF :40.6/2

336.647 $\pm$ 1.933 χ^2/NDF : 3064.4/21

14.472 $\pm$ 1.398 χ^2/NDF : 64807.9/44

-338.723 $\pm$ 2.023 χ^2/NDF : 3486.2/22

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.867 $\pm$ 1.743 χ^2/NDF : 427.0/16

Left Out: 76.836 $\pm$ 2.388 χ^2/NDF : 42.6/4

Right Out: -59.543 $\pm$ 1.631 χ^2/NDF : 490.9/19

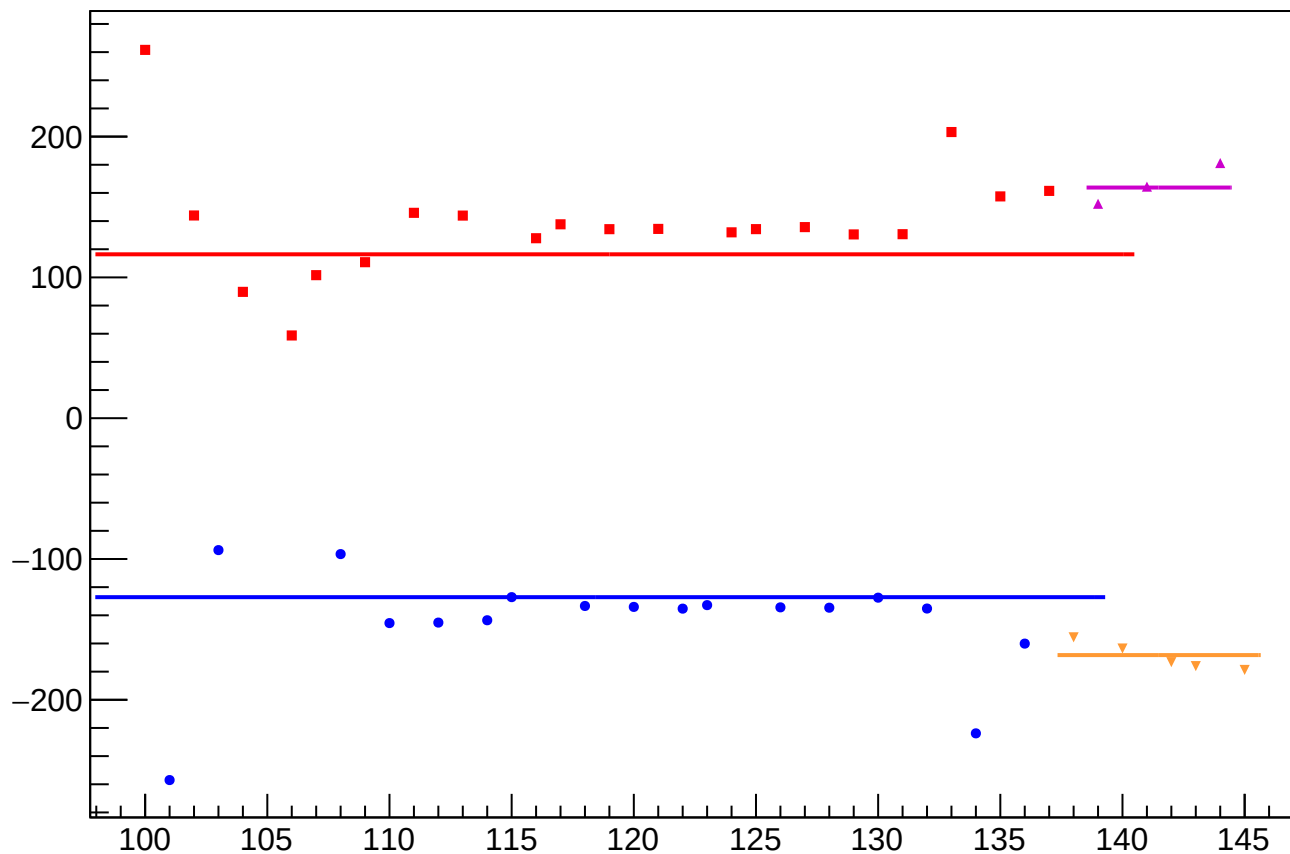
Left In: -76.951 $\pm$ 3.043 χ^2/NDF : 15.8/2

72.942 $\pm$ 1.408 χ^2/NDF : 473.7/21

6.195 $\pm$ 1.006 χ^2/NDF : 5598.7/44

-63.428 $\pm$ 1.438 χ^2/NDF : 532.1/22

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.105+/-0.089 χ^2/NDF : 167064.7/16

Left Out: -168.246+/-0.111 χ^2/NDF : 6637.7/4

Right Out: 116.401+/-0.083 χ^2/NDF : 167694.5/19

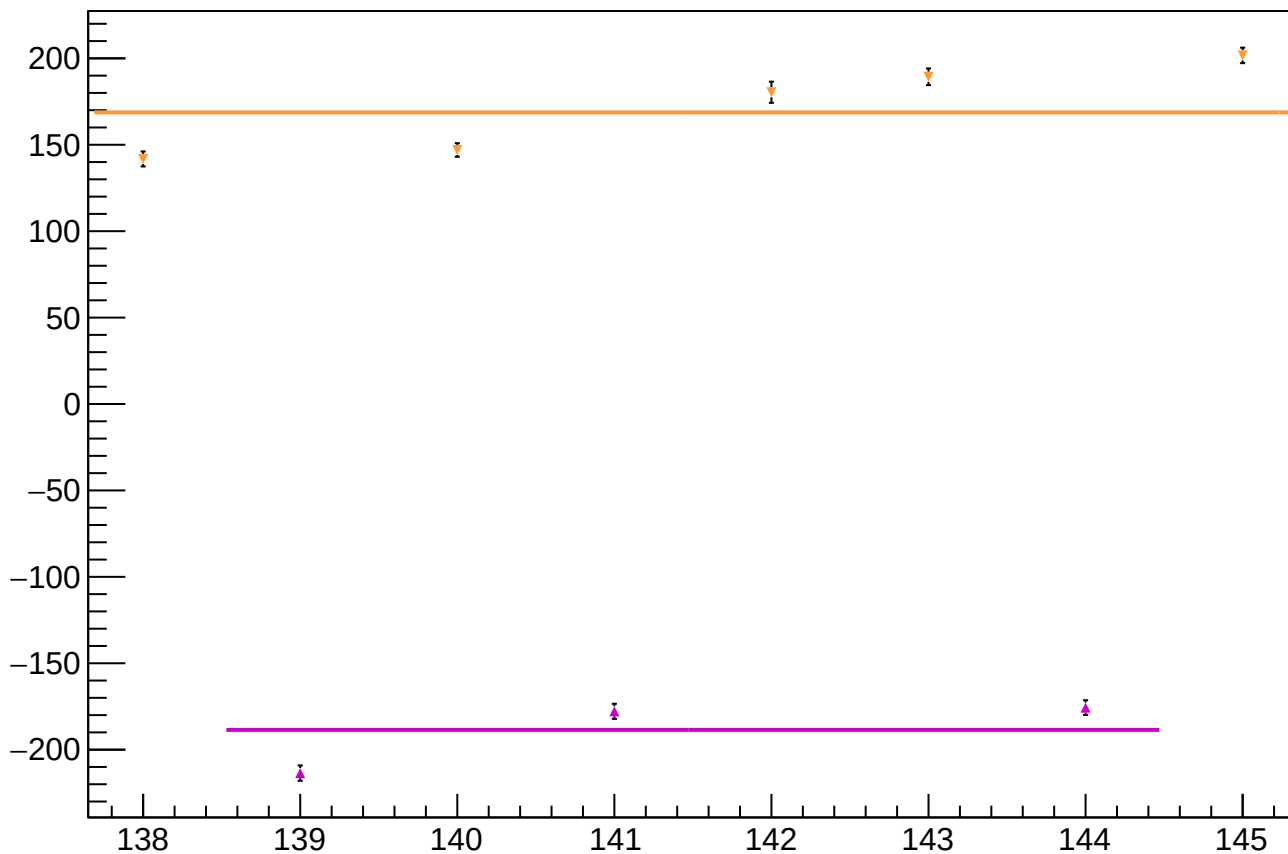
Left In: 163.816+/-0.130 χ^2/NDF : 7814.2/2

-143.359+/-0.070 χ^2/NDF : 257311.0/21

-7.313+/-0.049 χ^2/NDF : 8215646.4/44

130.073+/-0.070 χ^2/NDF : 269928.5/22

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: 168.763+/-2.055 χ^2/NDF : 144.9/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

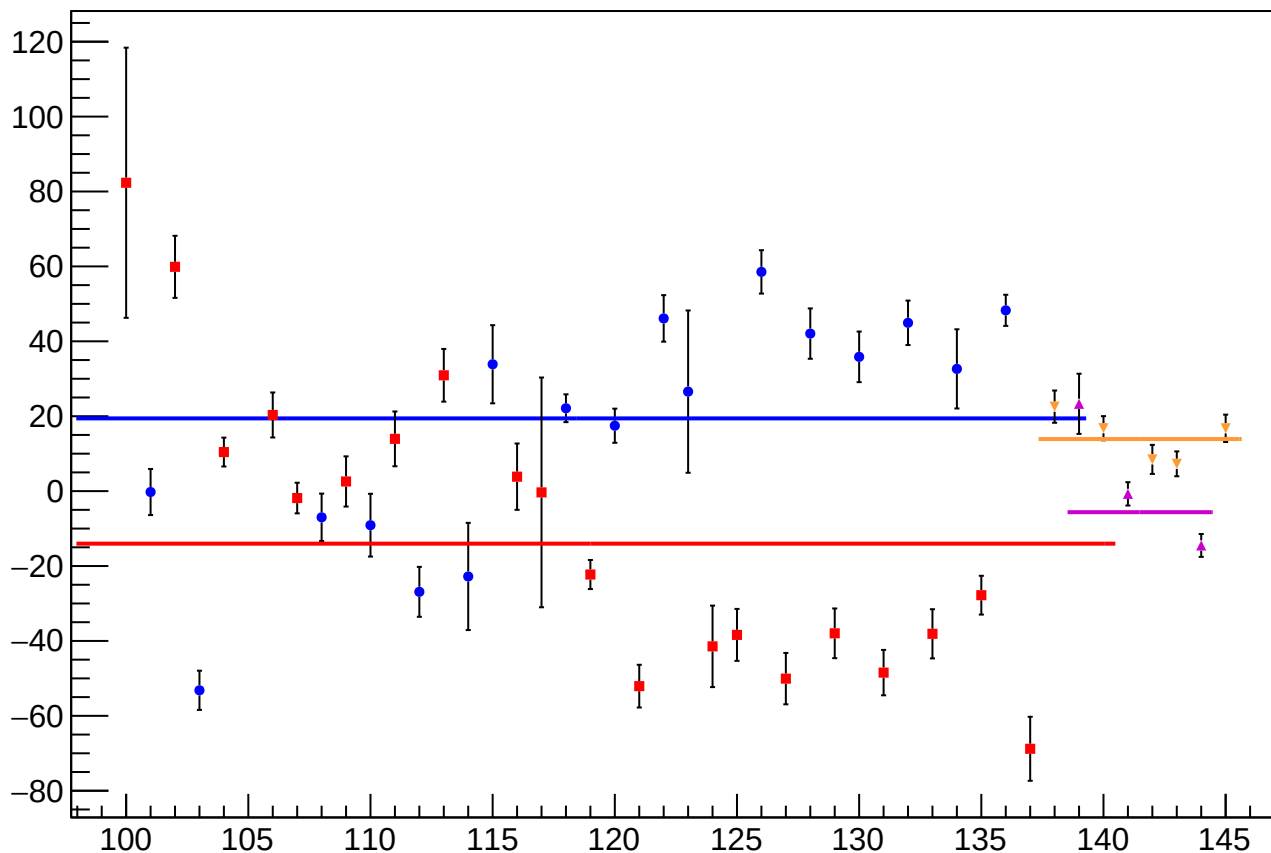
Left In: -188.547+/-2.518 χ^2/NDF : 46.8/2

168.763+/-2.055 χ^2/NDF : 144.9/4

25.977+/-1.592 χ^2/NDF : 12276.9/7

-188.547+/-2.518 χ^2/NDF : 46.8/2

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416 ± 1.480 χ^2/NDF : 441.1/16

Left Out: 13.901 ± 1.617 χ^2/NDF : 11.4/4

Right Out: -14.027 ± 1.391 χ^2/NDF : 436.7/19

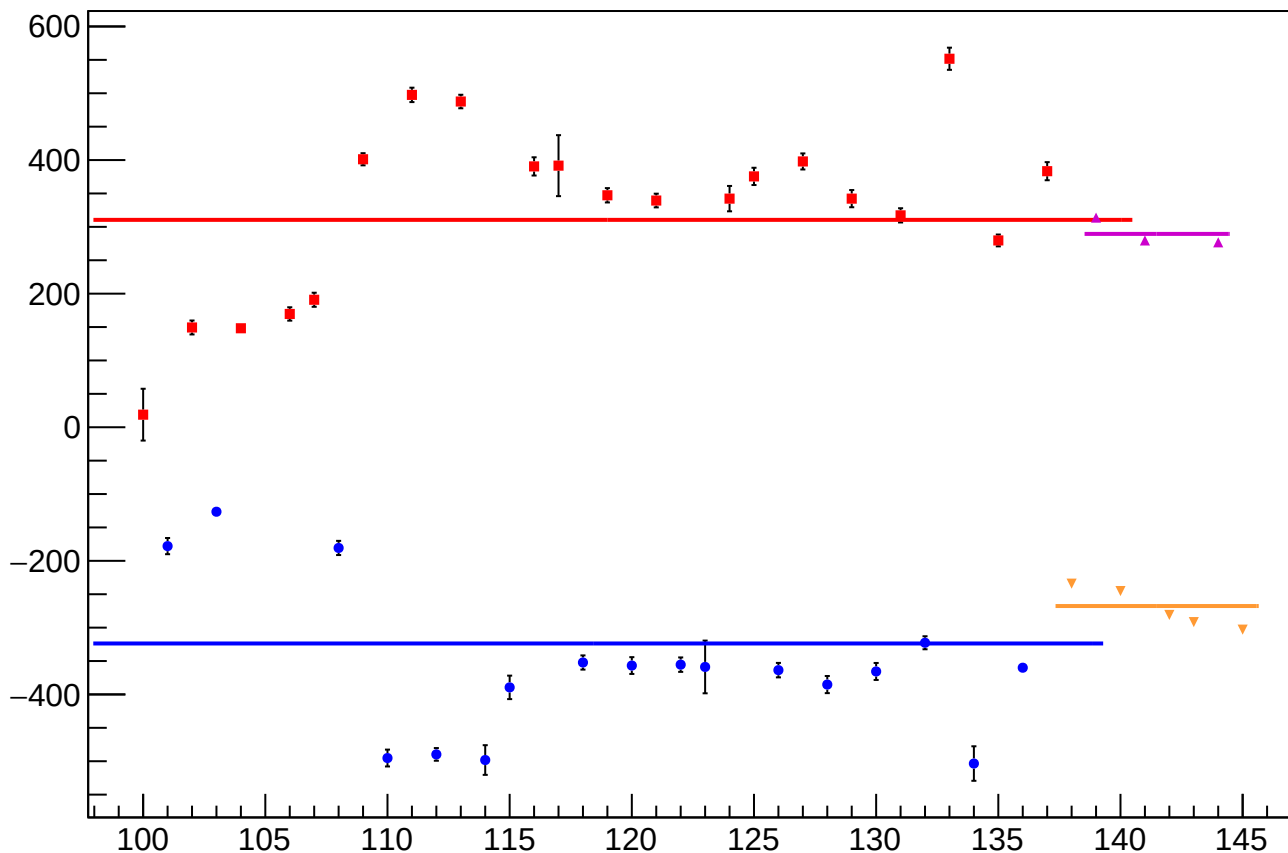
Left In: -5.622 ± 2.106 χ^2/NDF : 23.9/2

16.903 ± 1.092 χ^2/NDF : 458.8/21

3.579 ± 0.795 χ^2/NDF : 1247.8/44

-11.474 ± 1.160 χ^2/NDF : 471.7/22

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -267.663 ± 2.196 χ^2/NDF : 160.5/4

Right Out: 310.471 ± 2.519 χ^2/NDF : 2303.1/19

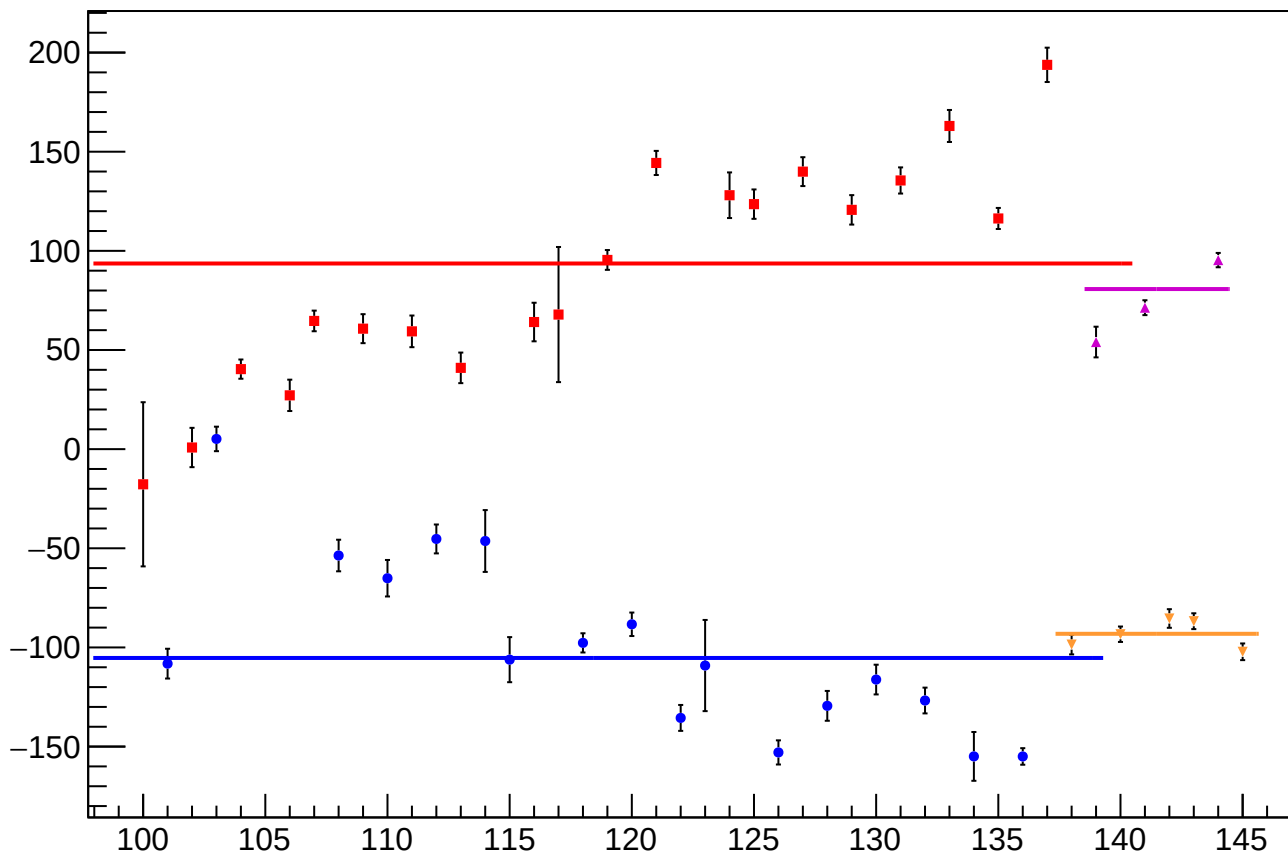
Left In: 289.453 ± 2.699 χ^2/NDF : 37.7/2

-290.307 ± 1.696 χ^2/NDF : 2274.4/21

-19.138 ± 1.247 χ^2/NDF : 60380.5/44

300.687 ± 1.842 χ^2/NDF : 2373.3/22

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.309+/-1.693 χ^2/NDF : 737.5/16

Left Out: -93.125+/-1.919 χ^2/NDF : 11.1/4

Right Out: 93.622+/-1.610 χ^2/NDF : 827.1/19

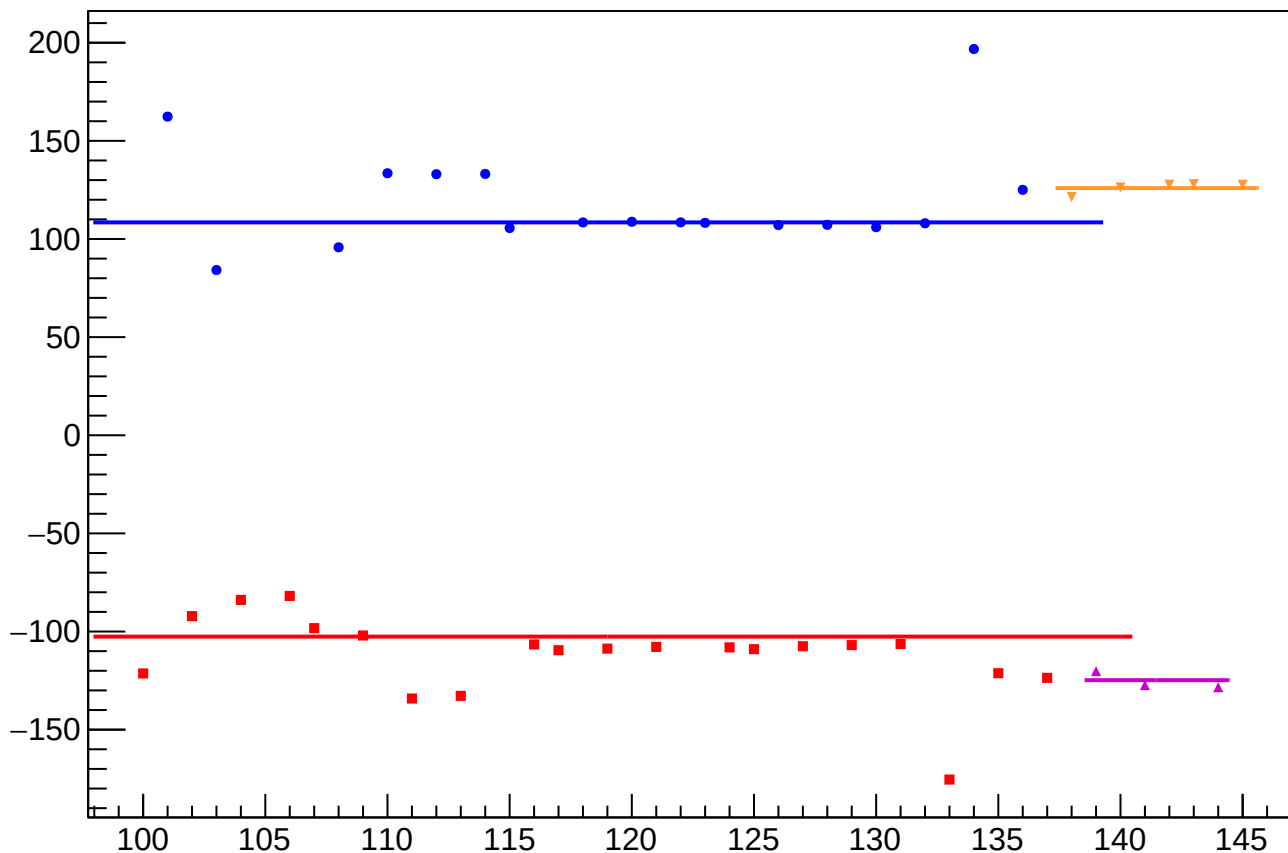
Left In: 80.740+/-2.469 χ^2/NDF : 34.5/2

-99.974+/-1.270 χ^2/NDF : 771.3/21

-10.806+/-0.924 χ^2/NDF : 12148.8/44

89.779+/-1.348 χ^2/NDF : 880.7/22

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461+/-0.085 χ^2/NDF : 73302.1/16

Left Out: 125.927+/-0.090 χ^2/NDF : 804.1/4

Right Out: -102.580+/-0.079 χ^2/NDF : 53154.7/19

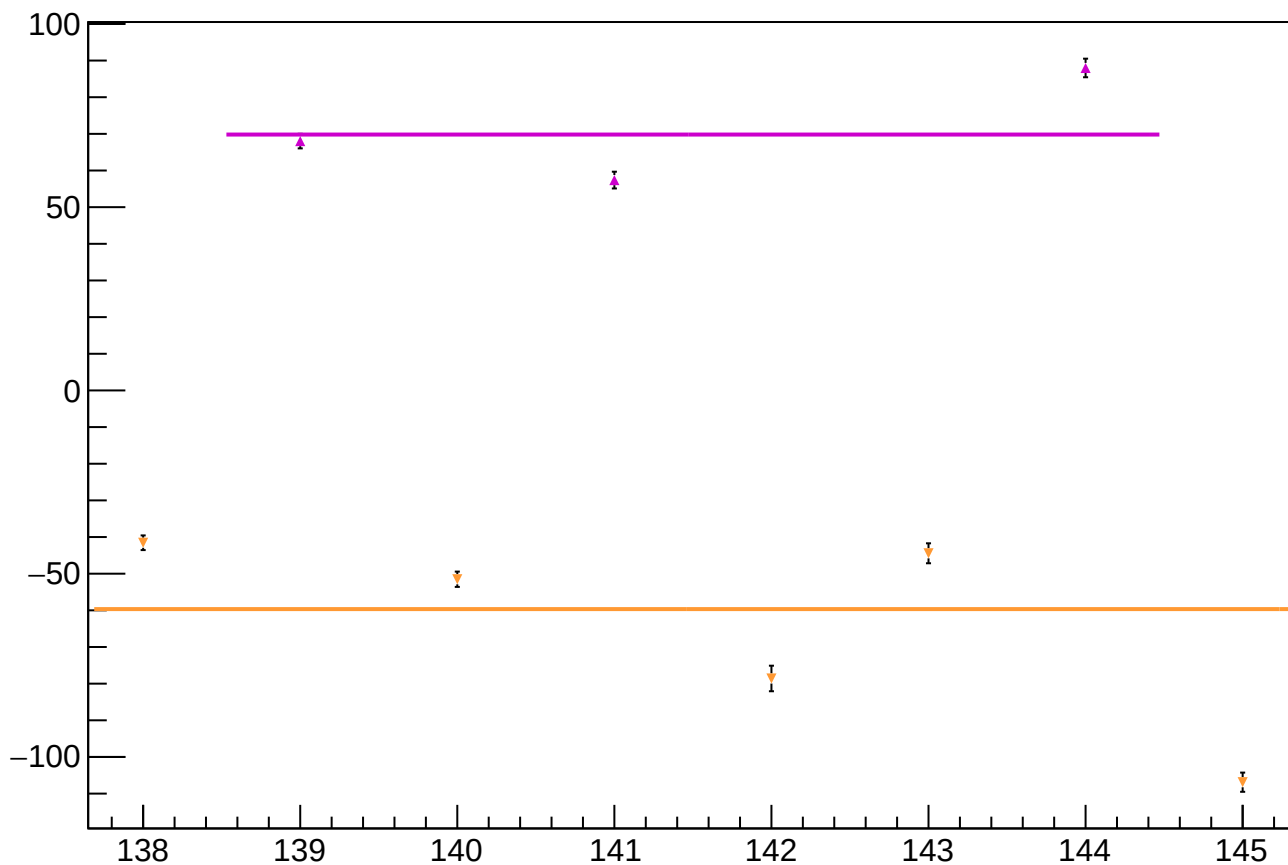
Left In: -124.794+/-0.107 χ^2/NDF : 1232.6/2

116.711+/-0.062 χ^2/NDF : 94185.1/21

7.007+/-0.044 χ^2/NDF : 6758855.0/44

-110.502+/-0.064 χ^2/NDF : 82301.5/22

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: -59.659+/-1.090 χ^2/NDF : 483.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

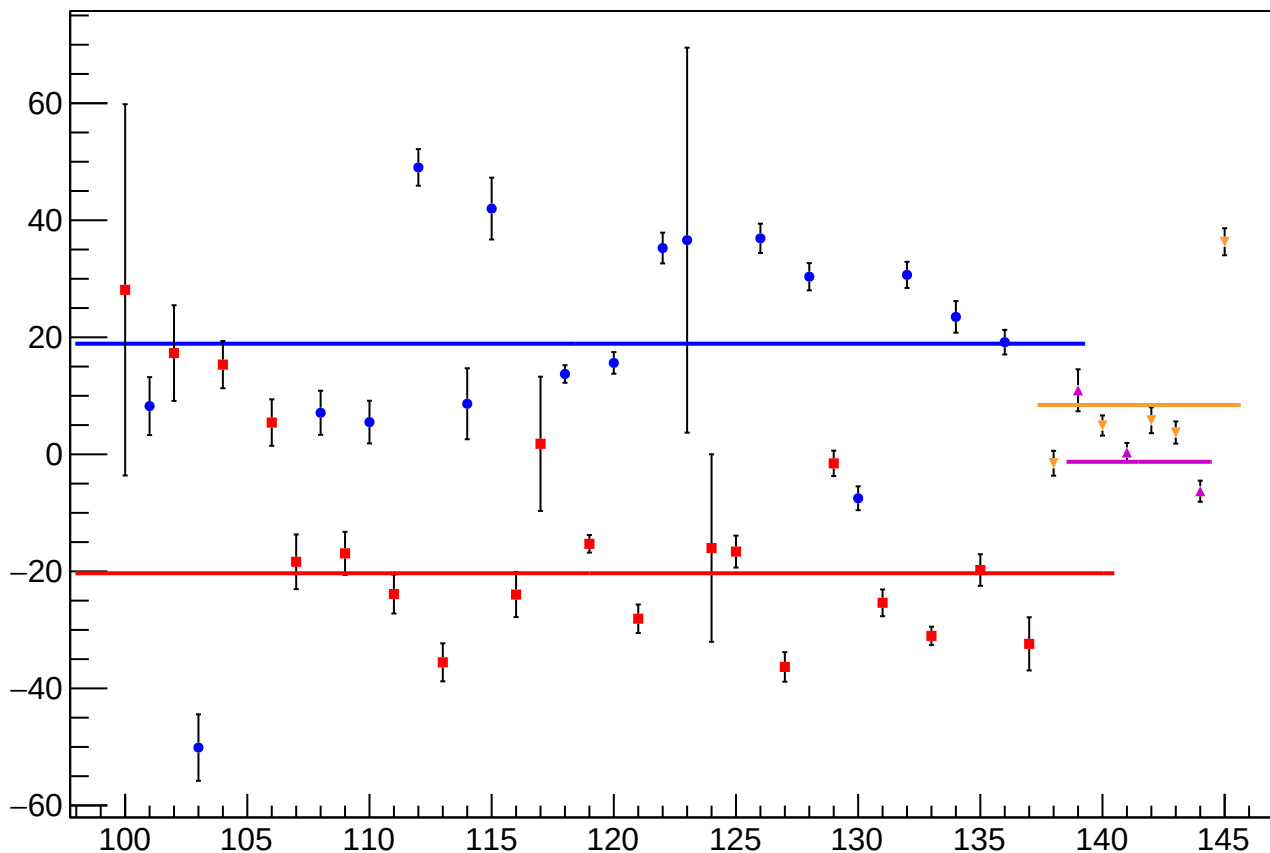
Left In: 69.811+/-1.292 χ^2/NDF : 81.7/2

-59.659+/-1.090 χ^2/NDF : 483.0/4

-5.839+/-0.833 χ^2/NDF : 6433.3/7

69.811+/-1.292 χ^2/NDF : 81.7/2

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906 ± 0.644 $\chi^2/\text{NDF}: 618.9/16$

Left Out: 8.436 ± 0.902 $\chi^2/\text{NDF}: 179.3/4$

Right Out: -20.320 ± 0.643 $\chi^2/\text{NDF}: 369.0/19$

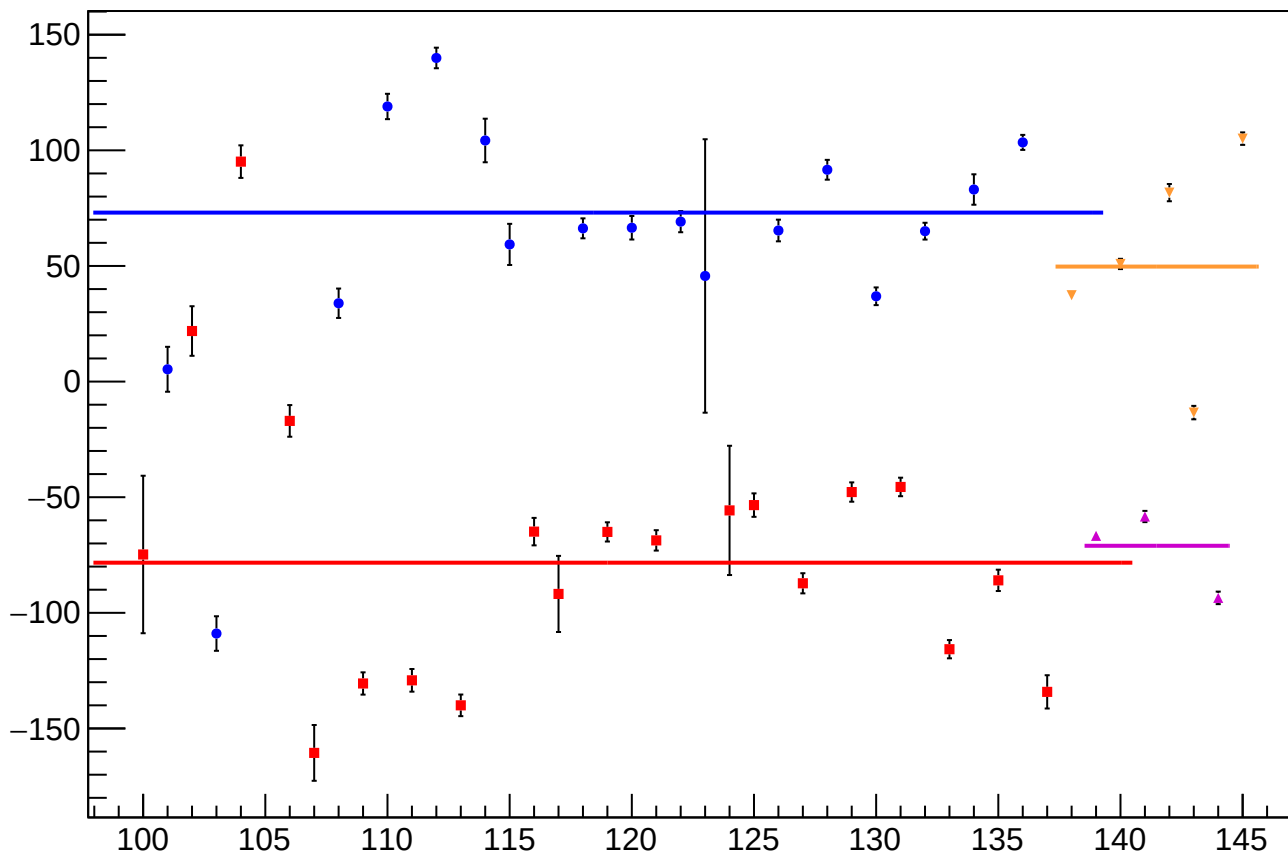
Left In: -1.275 ± 1.149 $\chi^2/\text{NDF}: 20.3/2$

15.376 ± 0.524 $\chi^2/\text{NDF}: 887.5/21$

0.859 ± 0.383 $\chi^2/\text{NDF}: 3133.6/44$

-15.783 ± 0.561 $\chi^2/\text{NDF}: 598.4/22$

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071 $\pm$ 1.228 χ^2/NDF : 1200.0/16

Left Out: 49.732 $\pm$ 1.161 χ^2/NDF : 996.6/4

Right Out: -78.316 $\pm$ 1.219 χ^2/NDF : 1543.3/19

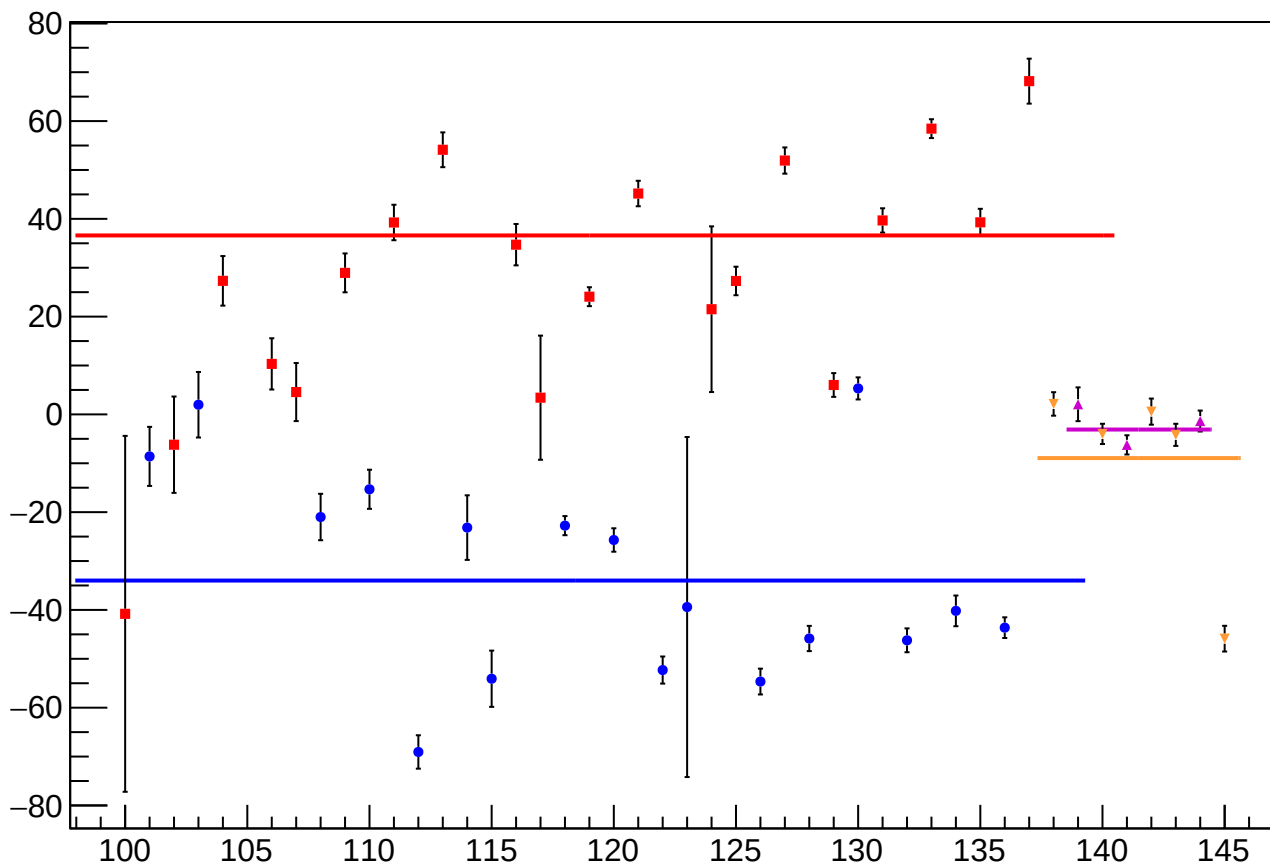
Left In: -71.003 $\pm$ 1.386 χ^2/NDF : 100.1/2

60.751 $\pm$ 0.844 χ^2/NDF : 2387.3/21

-1.653 $\pm$ 0.620 χ^2/NDF : 15959.0/44

-75.126 $\pm$ 0.915 χ^2/NDF : 1659.2/22

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -8.941 ± 1.062 χ^2/NDF : 241.2/4

Right Out: 36.607 ± 0.736 χ^2/NDF : 549.8/19

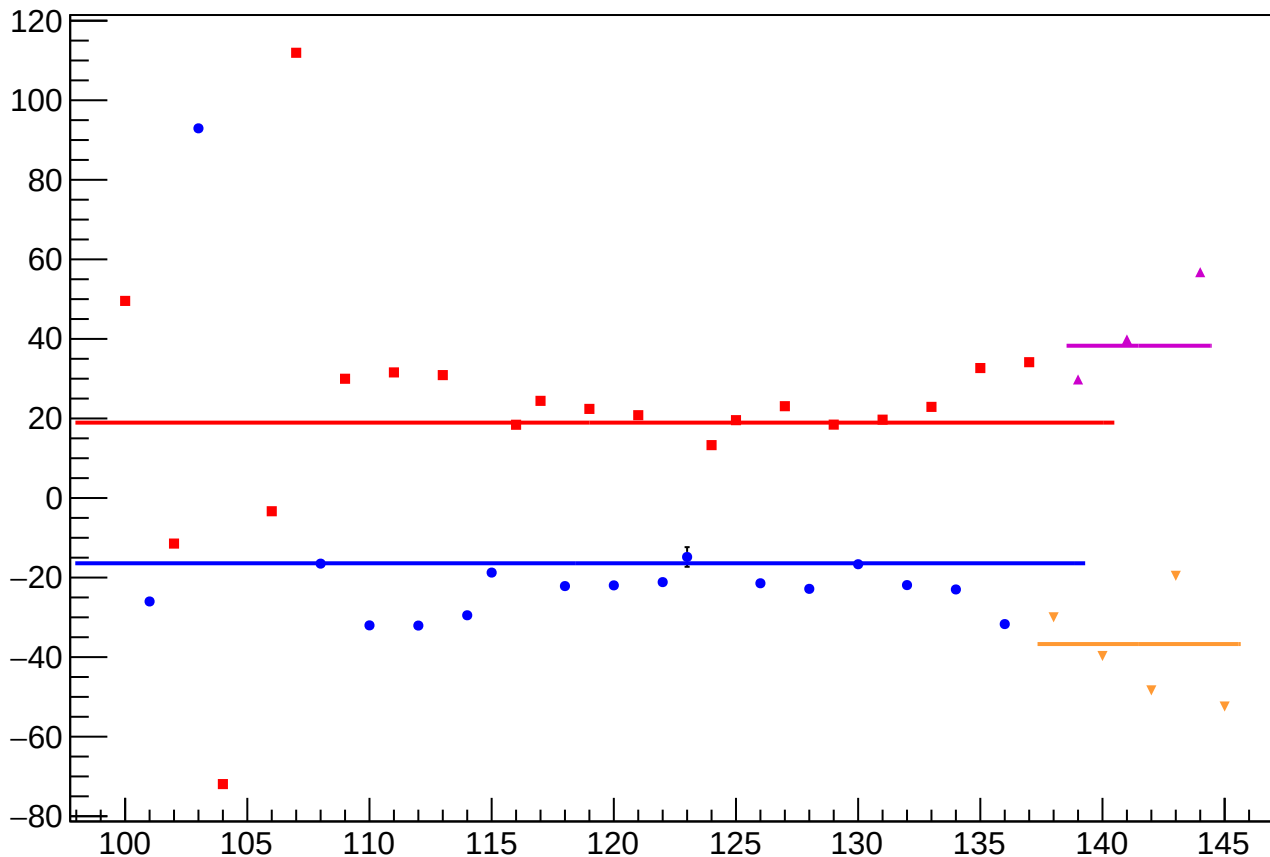
Left In: -3.100 ± 1.335 χ^2/NDF : 5.4/2

-25.857 ± 0.605 χ^2/NDF : 1336.9/21

-0.916 ± 0.441 χ^2/NDF : 6196.4/44

27.365 ± 0.644 χ^2/NDF : 1233.5/22

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408±/-0.044 χ^2/NDF : 474368.4/16

Left Out: -36.716±/-0.047 χ^2/NDF : 56603.7/4

Right Out: 18.954±/-0.045 χ^2/NDF : 434204.7/19

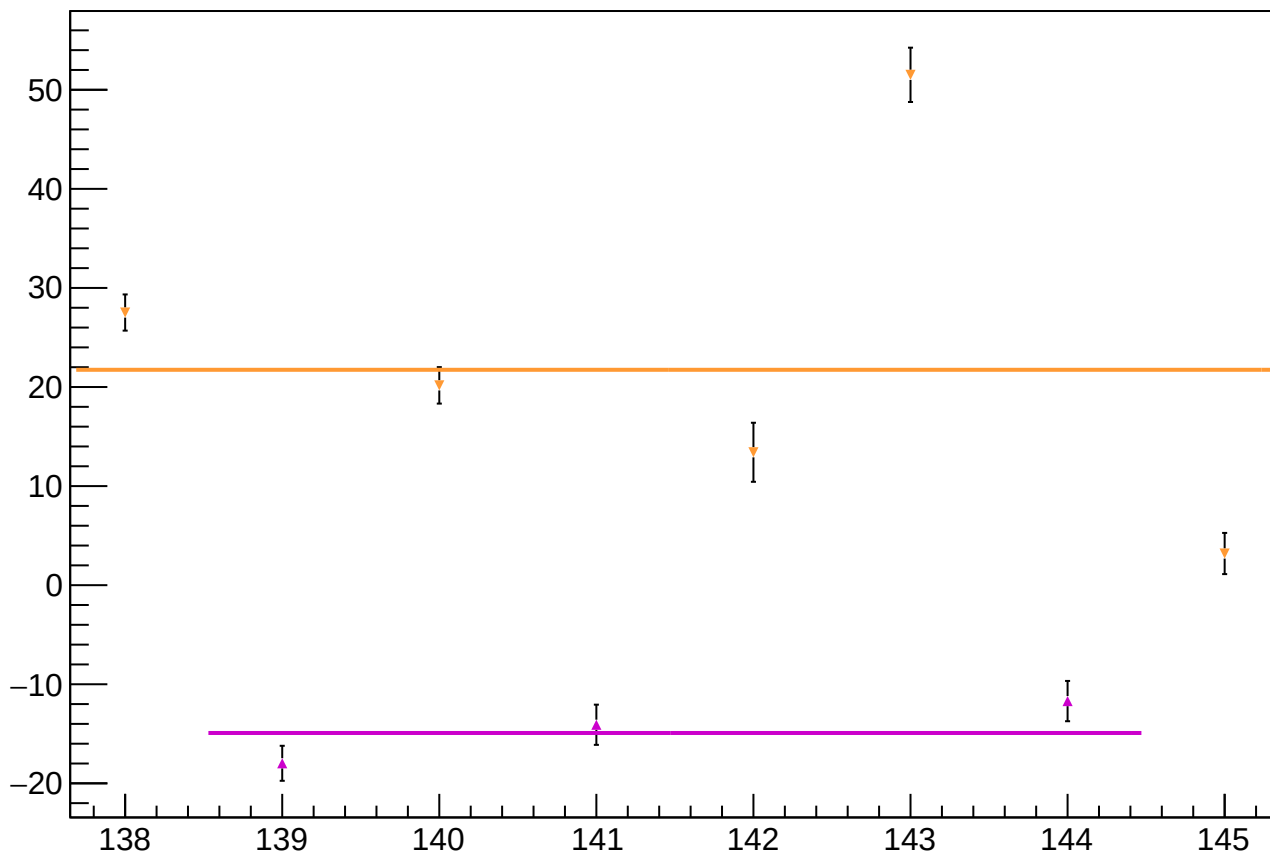
Left In: 38.285±/-0.054 χ^2/NDF : 36906.7/2

-25.985±/-0.032 χ^2/NDF : 629539.3/21

-1.273±/-0.024 χ^2/NDF : 2432272.4/44

26.984±/-0.035 χ^2/NDF : 547237.6/22

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 21.739 $\pm$ 0.966 χ^2 /NDF: 216.1/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

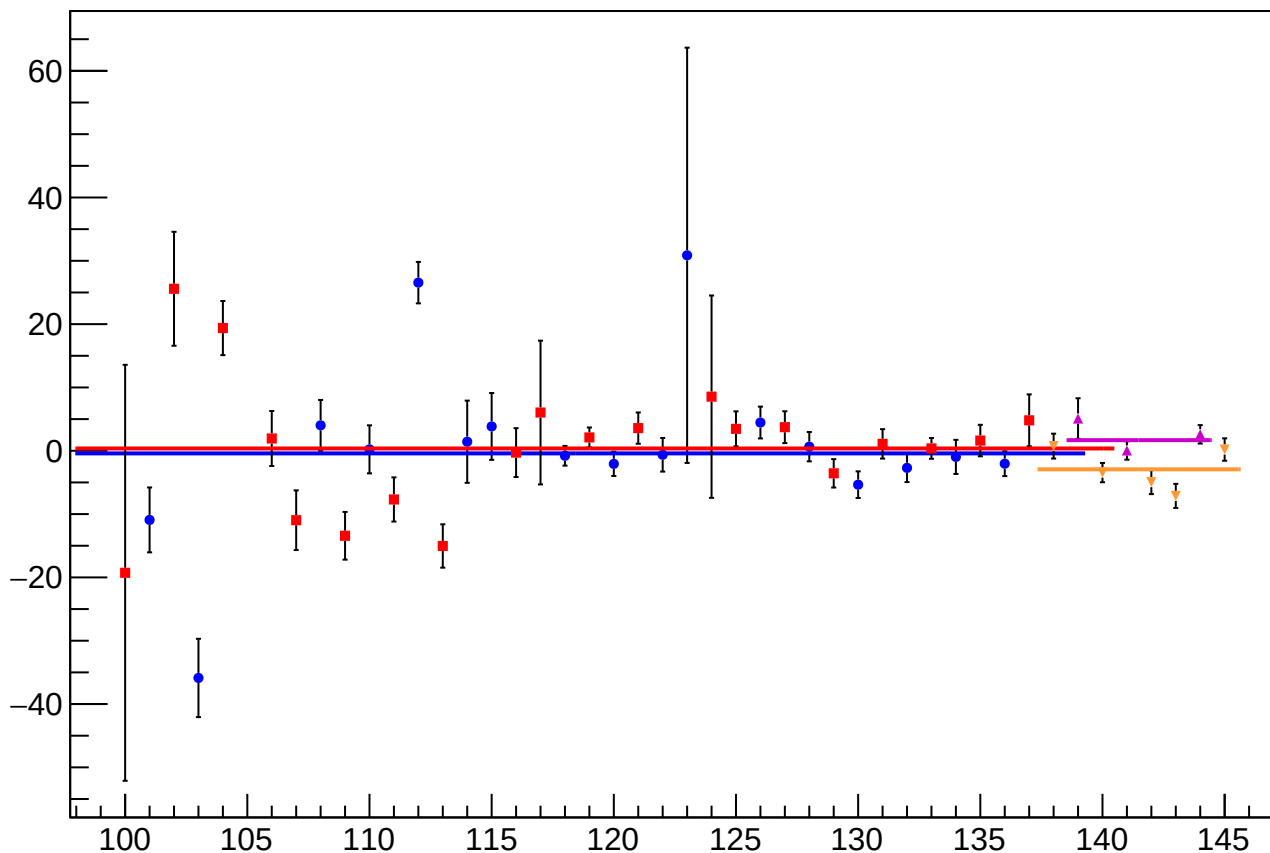
Left In: -14.918 $\pm$ 1.114 χ^2 /NDF: 5.7/2

21.739 $\pm$ 0.966 χ^2 /NDF: 216.1/4

6.017 $\pm$ 0.730 χ^2 /NDF: 839.6/7

-14.918 $\pm$ 1.114 χ^2 /NDF: 5.7/2

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -2.930 ± 0.799 χ^2/NDF : 12.7/4

Right Out: 0.361 ± 0.656 χ^2/NDF : 84.0/19

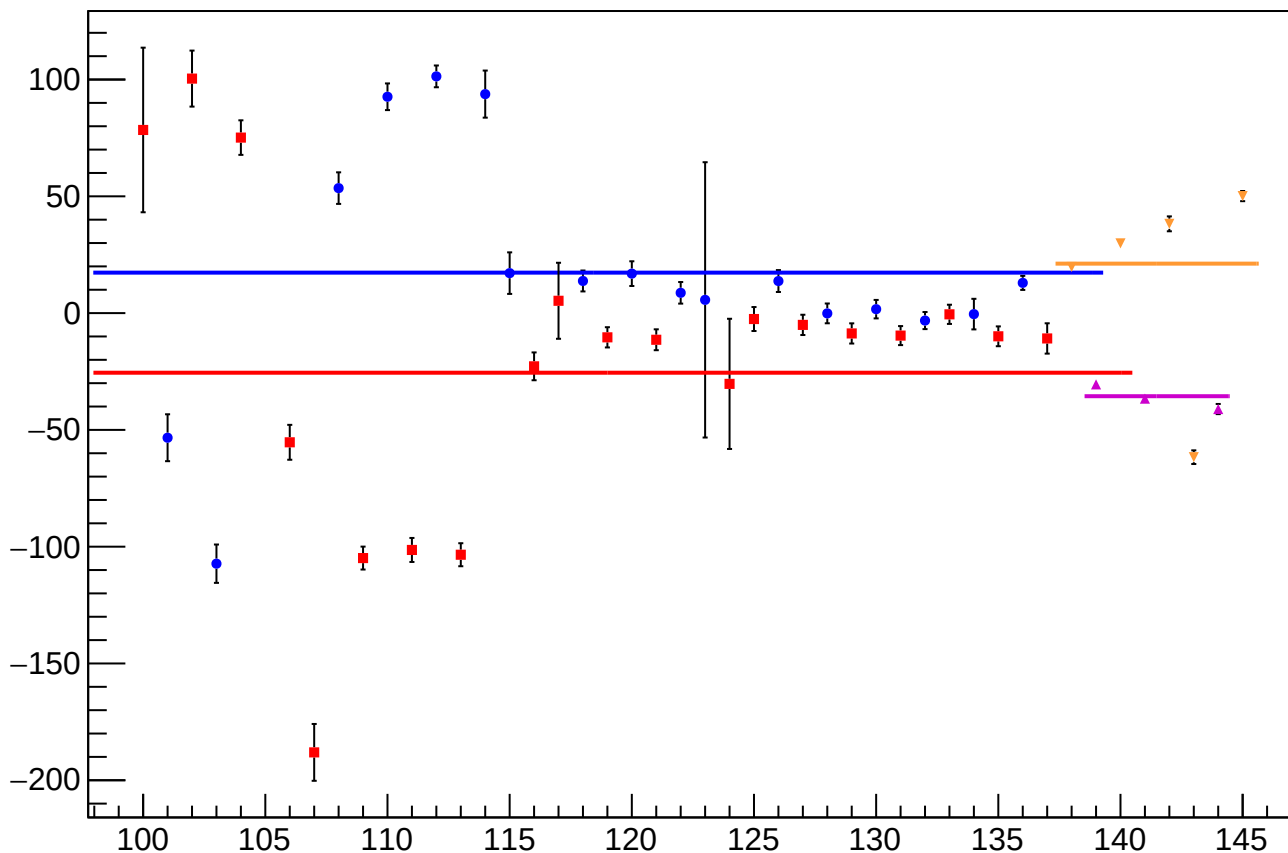
Left In: 1.675 ± 0.980 χ^2/NDF : 2.8/2

-1.421 ± 0.506 χ^2/NDF : 138.6/21

-0.409 ± 0.371 χ^2/NDF : 235.3/44

0.768 ± 0.545 χ^2/NDF : 88.0/22

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328 ± 1.239 χ^2/NDF : 943.2/16

Left Out: 21.180 ± 1.031 χ^2/NDF : 1026.8/4

Right Out: -25.521 ± 1.239 χ^2/NDF : 1382.7/19

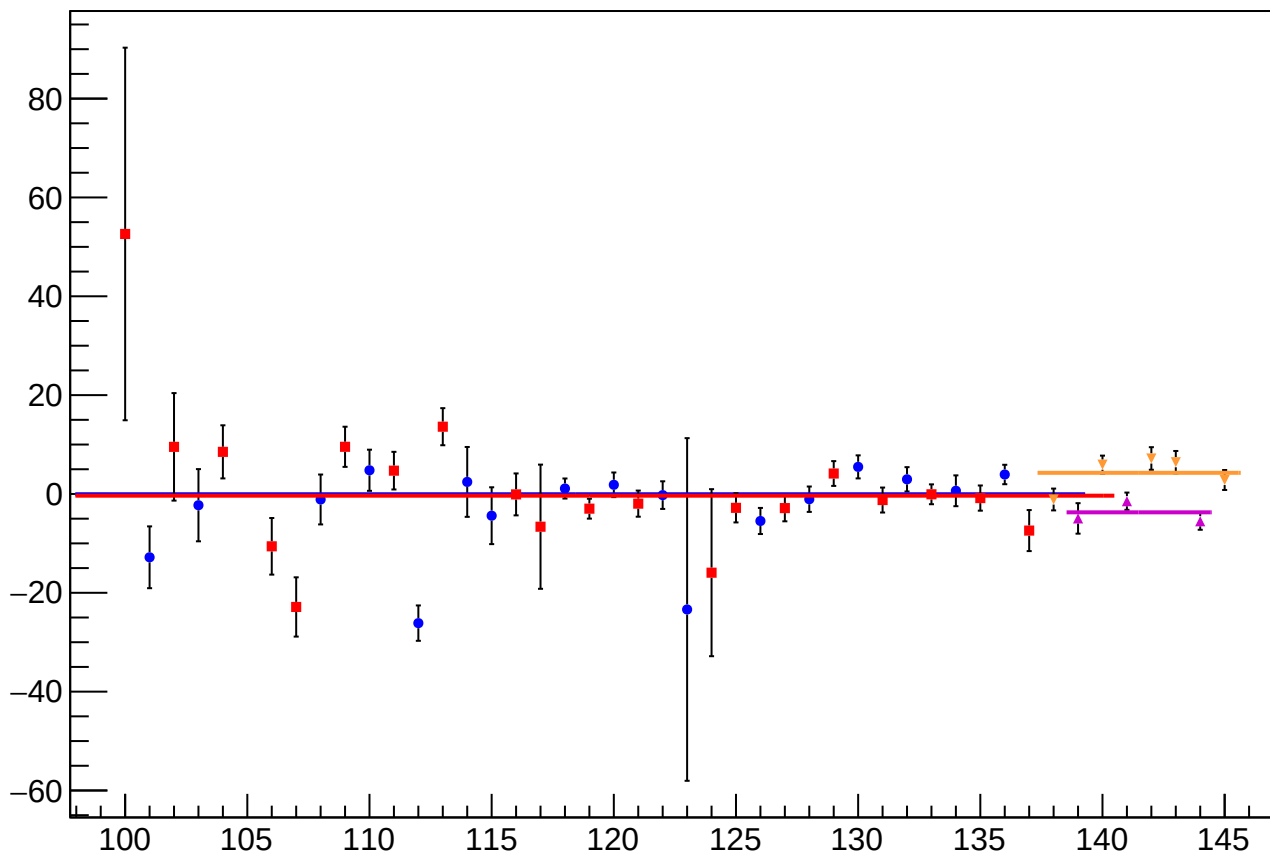
Left In: -35.577 ± 1.195 χ^2/NDF : 13.6/2

19.604 ± 0.792 χ^2/NDF : 1975.7/21

-3.498 ± 0.583 χ^2/NDF : 5258.1/44

-30.730 ± 0.860 χ^2/NDF : 1430.5/22

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 4.280 ± 0.939 χ^2/NDF : 9.8/4

Right Out: -0.348 ± 0.748 χ^2/NDF : 55.4/19

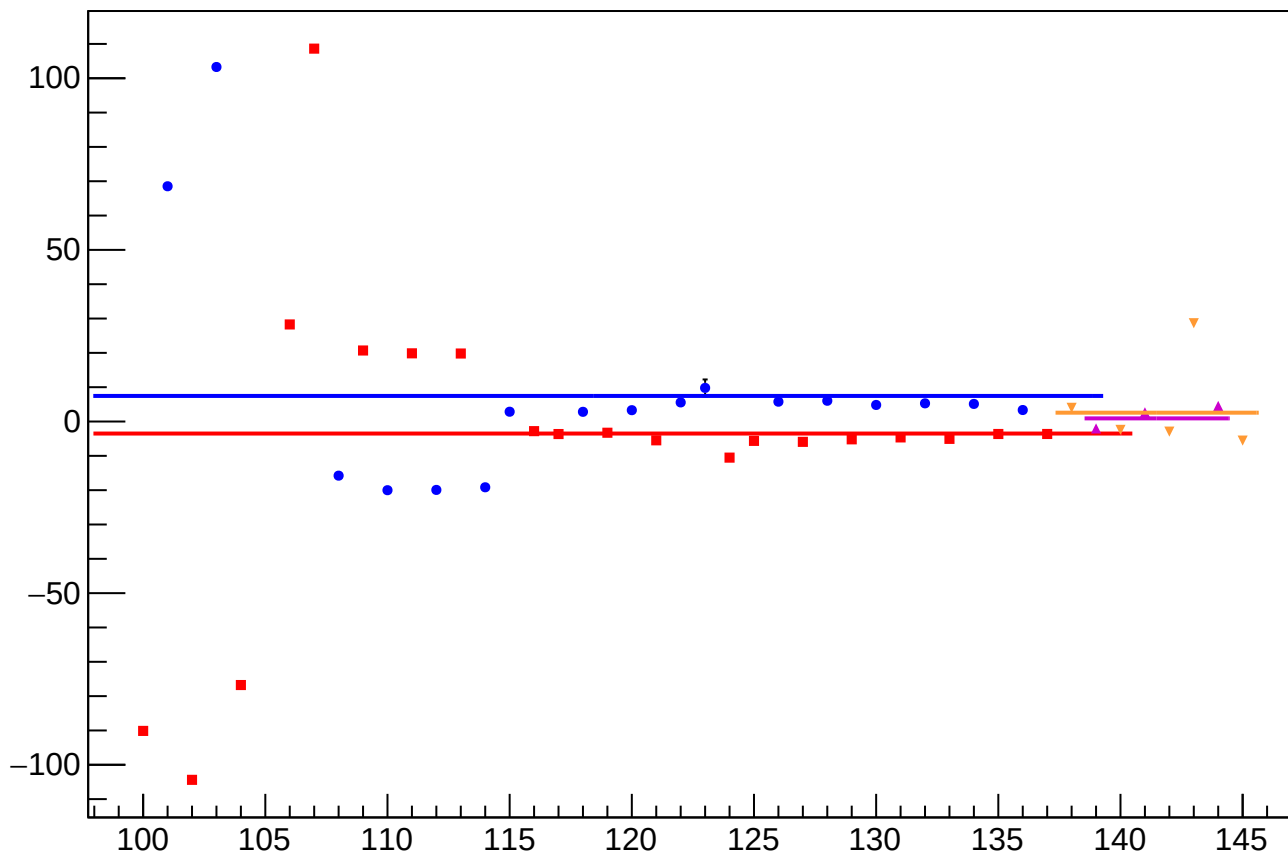
Left In: -3.717 ± 1.139 χ^2/NDF : 2.9/2

1.614 ± 0.583 χ^2/NDF : 99.5/21

0.230 ± 0.426 χ^2/NDF : 176.0/44

-1.363 ± 0.625 χ^2/NDF : 64.4/22

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.454 ± 0.044 χ^2/NDF : 356053.3/16

Left Out: 2.574 ± 0.042 χ^2/NDF : 64223.1/4

Right Out: -3.503 ± 0.045 χ^2/NDF : 510579.7/19

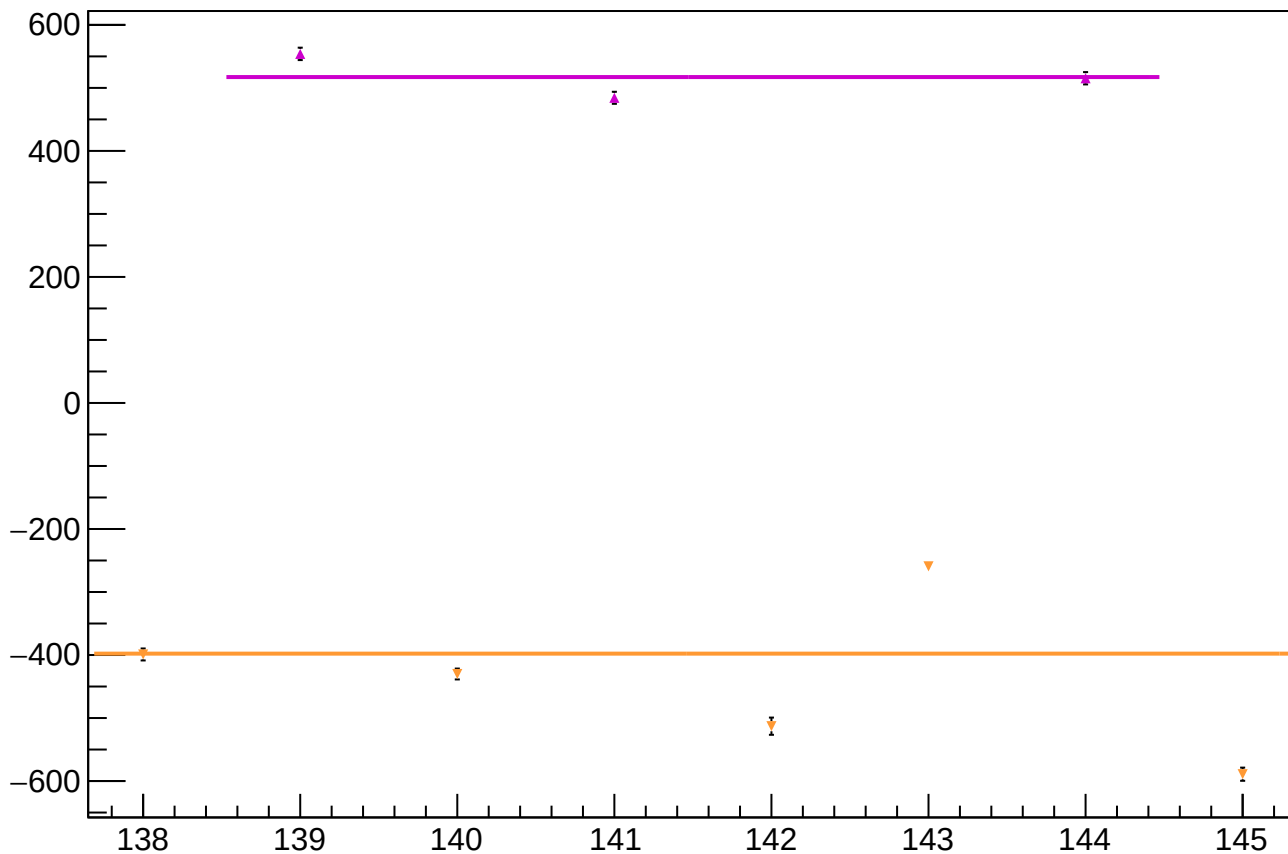
Left In: 0.912 ± 0.047 χ^2/NDF : 3756.7/2

4.854 ± 0.030 χ^2/NDF : 426705.8/21

1.966 ± 0.022 χ^2/NDF : 965073.6/44

-1.346 ± 0.033 χ^2/NDF : 518942.6/22

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: -397.810+/-4.109 χ^2/NDF : 809.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

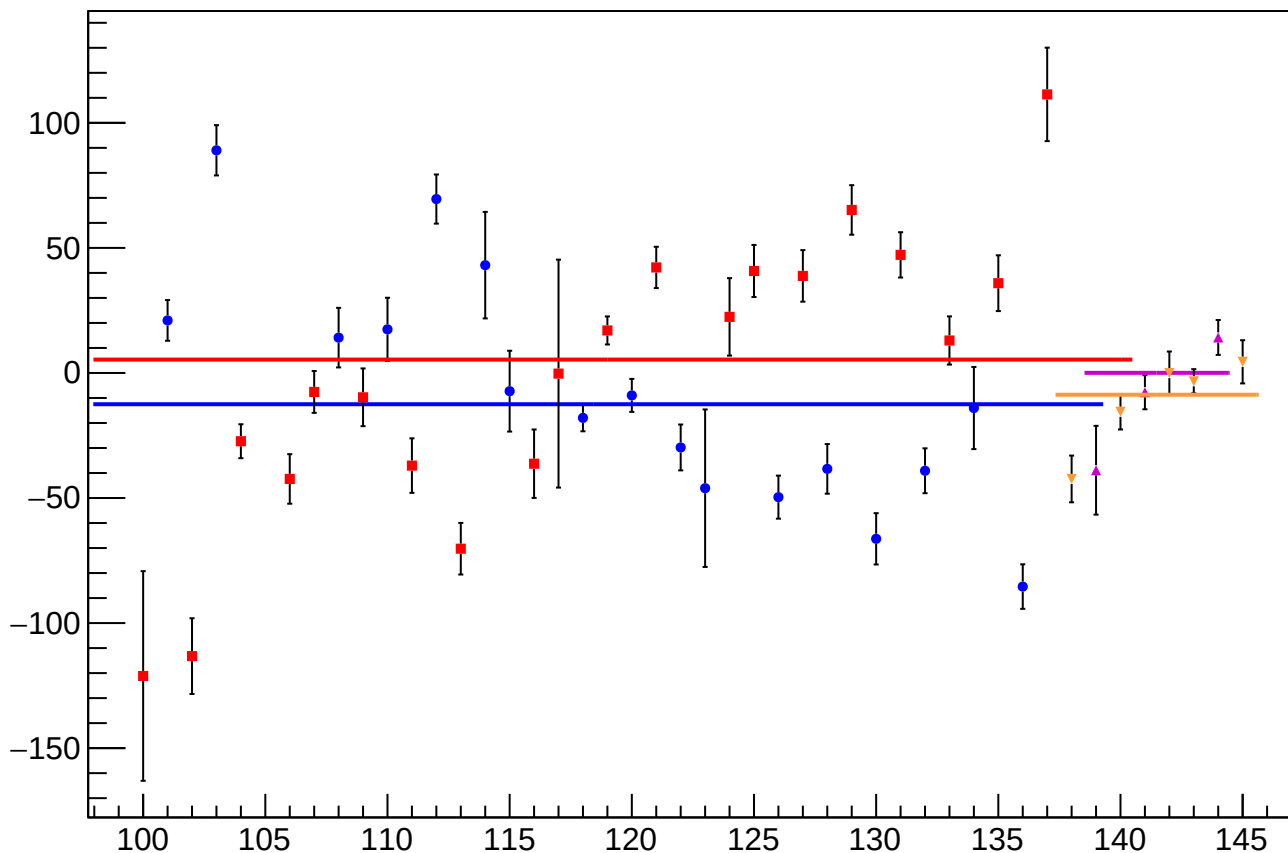
Left In: 517.208+/-5.620 χ^2/NDF : 25.8/2

-397.810+/-4.109 χ^2/NDF : 809.2/4

-79.084+/-3.317 χ^2/NDF : 18109.9/7

517.208+/-5.620 χ^2/NDF : 25.8/2

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: -8.703 ± 3.147 χ^2/NDF : 18.5/4

Right Out: 5.349 ± 2.261 χ^2/NDF : 344.6/19

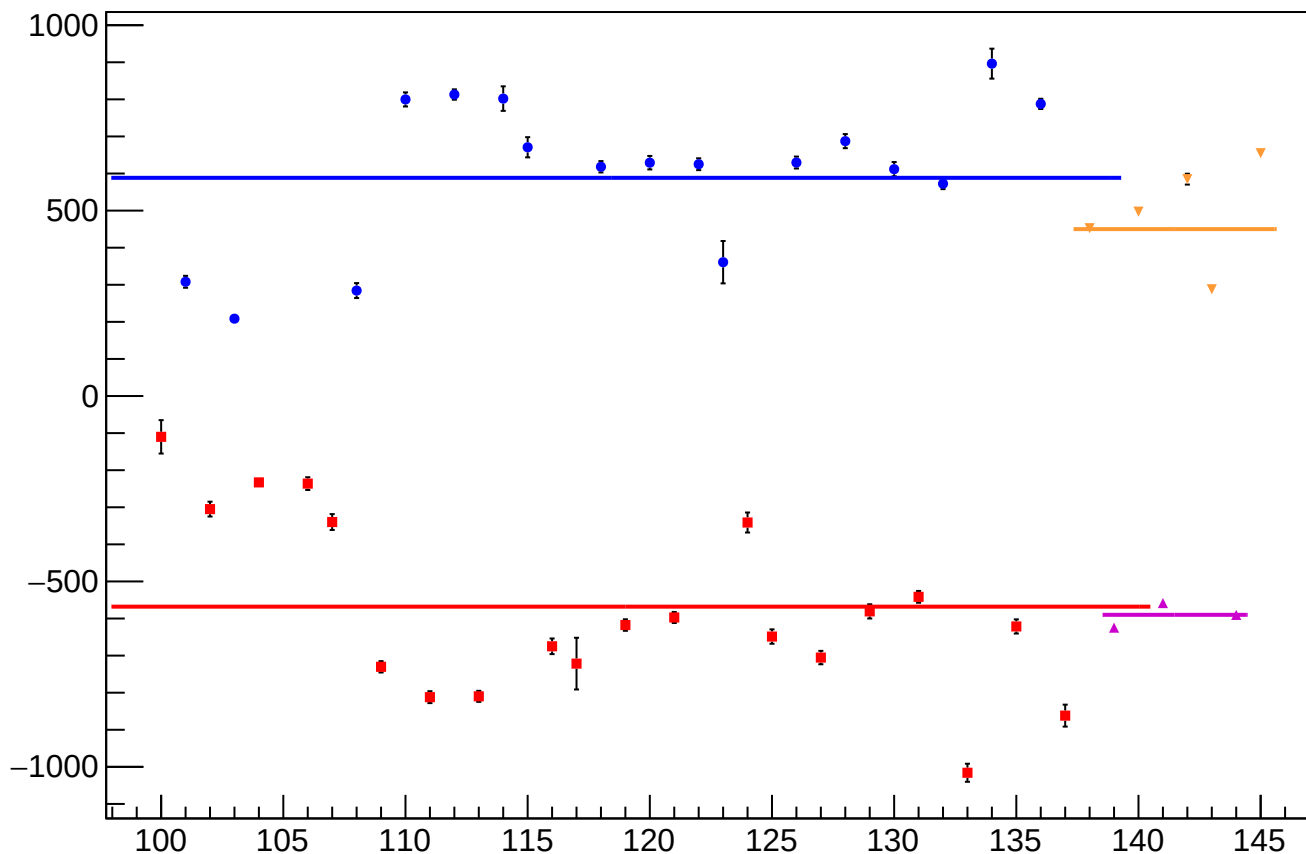
Left In: 0.052 ± 4.700 χ^2/NDF : 10.2/2

-11.170 ± 1.863 χ^2/NDF : 360.5/21

-4.104 ± 1.375 χ^2/NDF : 748.0/44

4.353 ± 2.038 χ^2/NDF : 355.8/22

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.421+/-4.320 χ^2/NDF : 2130.2/16

Left Out: 450.135+/-4.388 χ^2/NDF : 924.9/4

Right Out: -567.992+/-4.130 χ^2/NDF : 2789.7/19

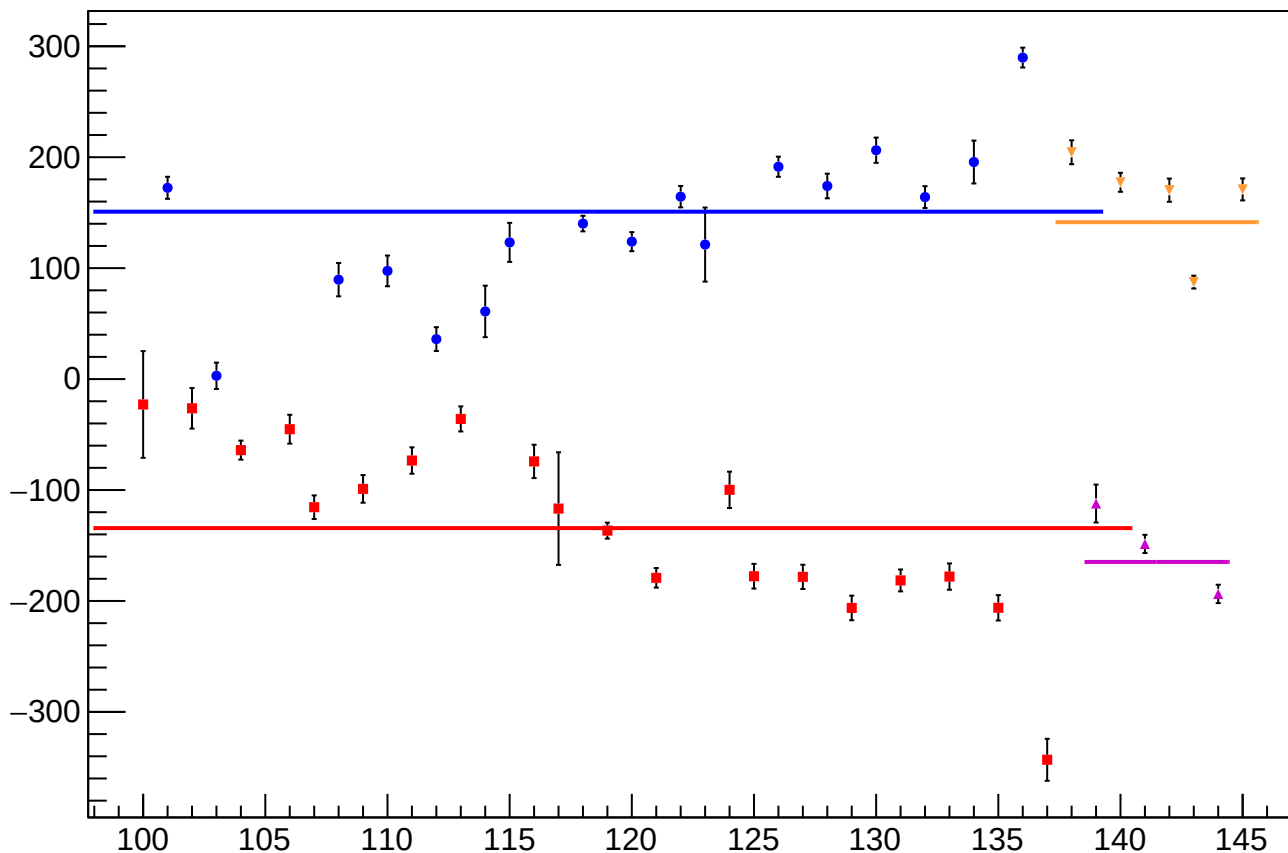
Left In: -590.025+/-6.023 χ^2/NDF : 20.2/2

520.346+/-3.079 χ^2/NDF : 3559.4/21

27.818+/-2.284 χ^2/NDF : 63305.4/44

-575.038+/-3.406 χ^2/NDF : 2819.0/22

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.891 ± 2.674 χ^2/NDF : 634.8/16

Left Out: 141.415 ± 3.746 χ^2/NDF : 154.9/4

Right Out: -134.334 ± 2.616 χ^2/NDF : 585.0/19

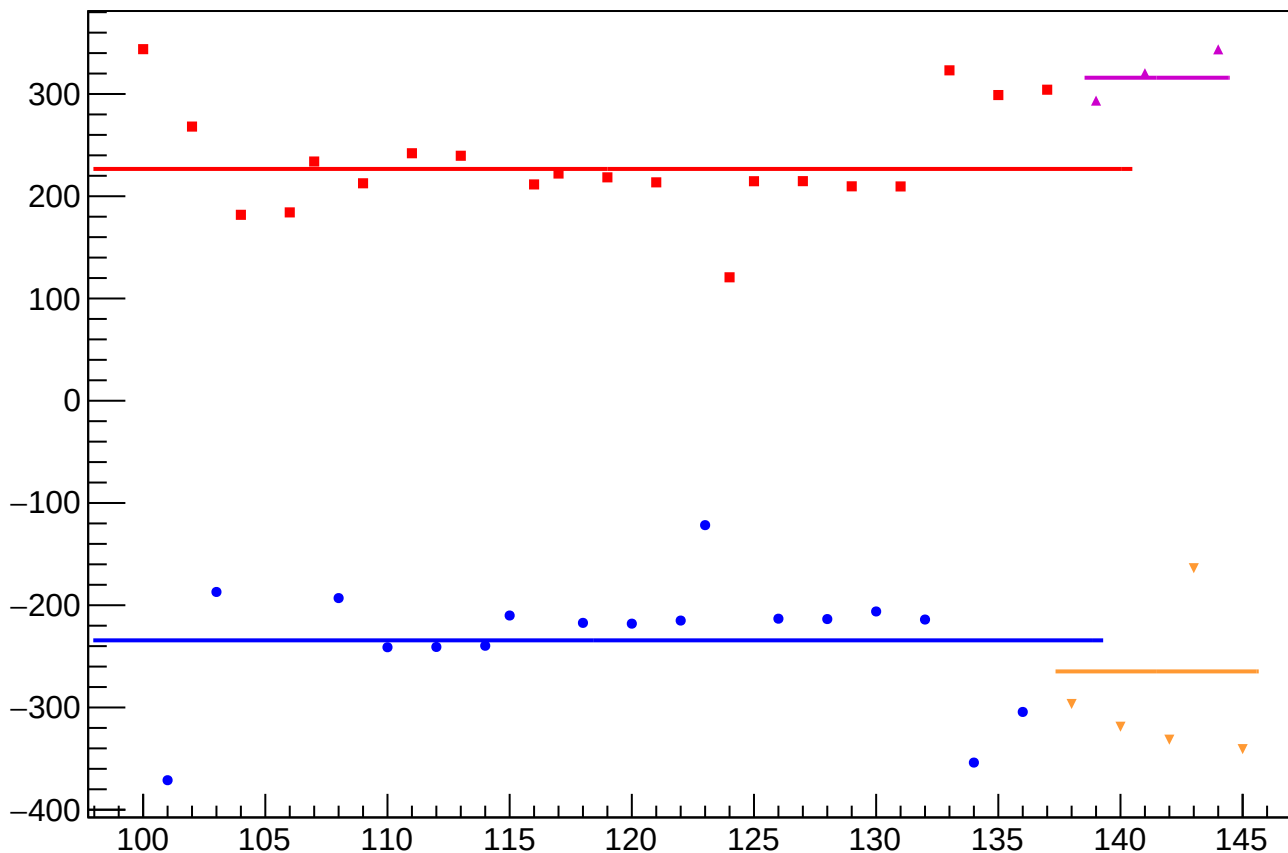
Left In: -164.819 ± 5.516 χ^2/NDF : 25.5/2

147.693 ± 2.176 χ^2/NDF : 793.9/21

15.737 ± 1.601 χ^2/NDF : 9442.7/44

-139.933 ± 2.364 χ^2/NDF : 635.5/22

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -264.725+/-0.179 χ^2/NDF : 180261.1/4

Right Out: 226.707+/-0.141 χ^2/NDF : 99442.4/19

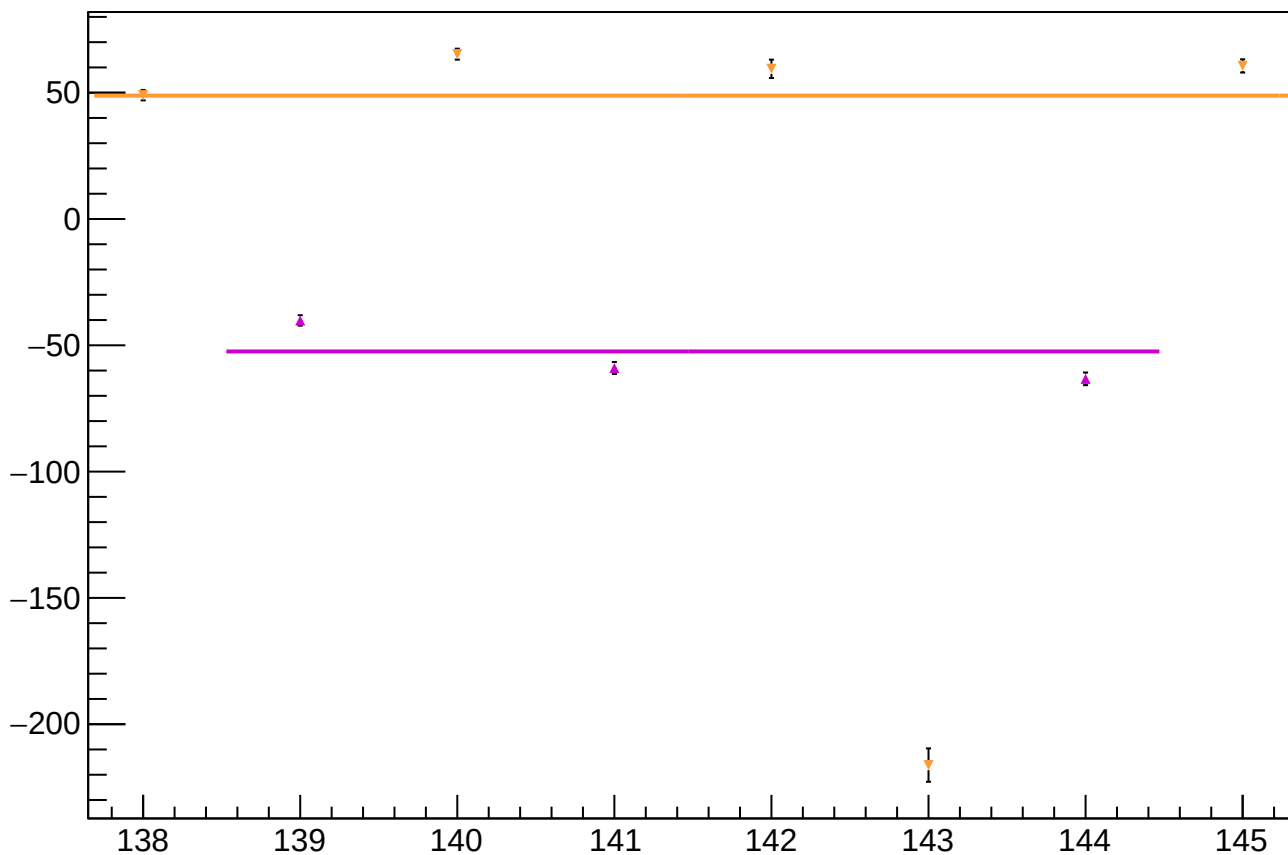
Left In: 315.910+/-0.238 χ^2/NDF : 7337.1/2

-246.740+/-0.114 χ^2/NDF : 342554.8/21

-13.691+/-0.083 χ^2/NDF : 9445475.4/44

249.994+/-0.121 χ^2/NDF : 210985.7/22

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: 48.836+/-1.203 χ^2/NDF : 1692.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

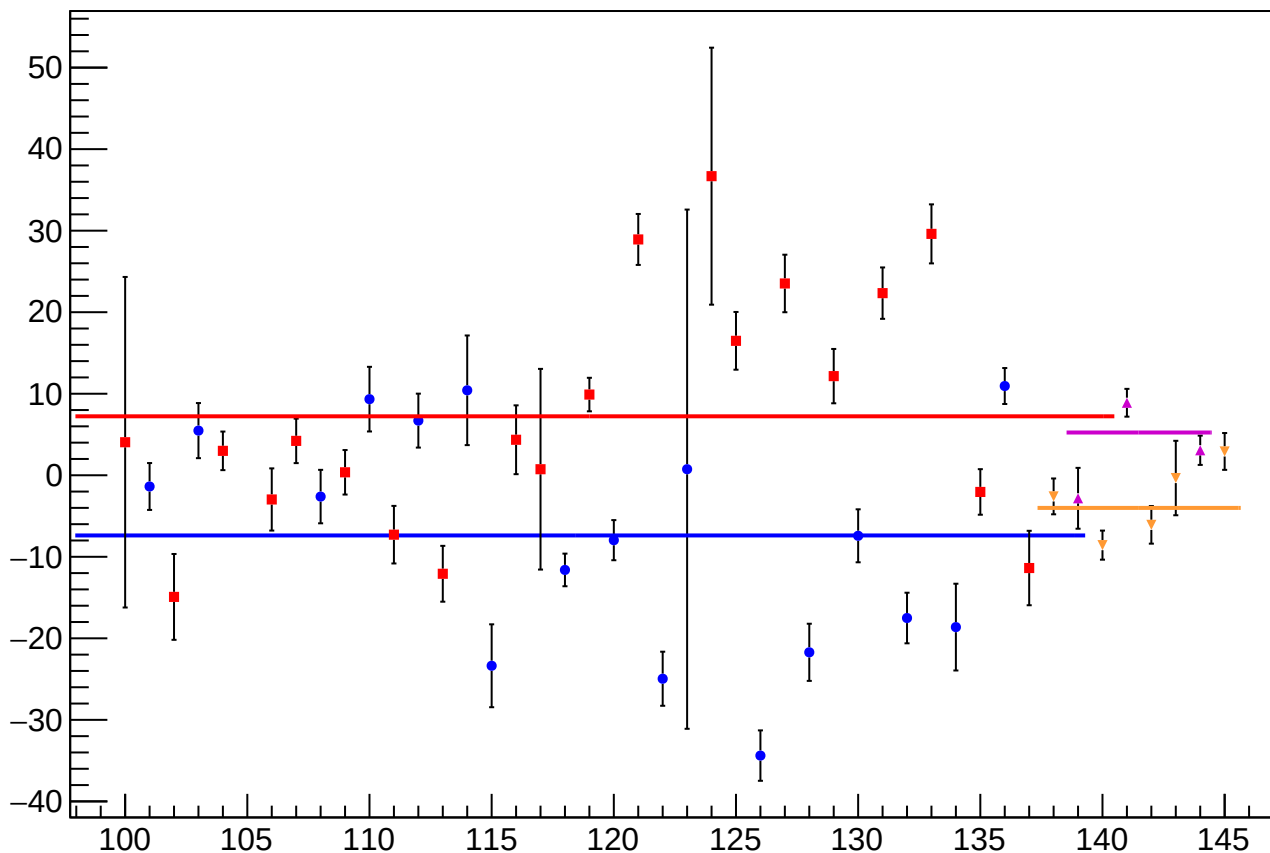
Left In: -52.438+/-1.326 χ^2/NDF : 61.3/2

48.836+/-1.203 χ^2/NDF : 1692.0/4

3.112+/-0.891 χ^2/NDF : 4951.5/7

-52.438+/-1.326 χ^2/NDF : 61.3/2

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: -4.004 ± 1.024 χ^2/NDF : 17.8/4

Right Out: 7.231 ± 0.761 χ^2/NDF : 257.6/19

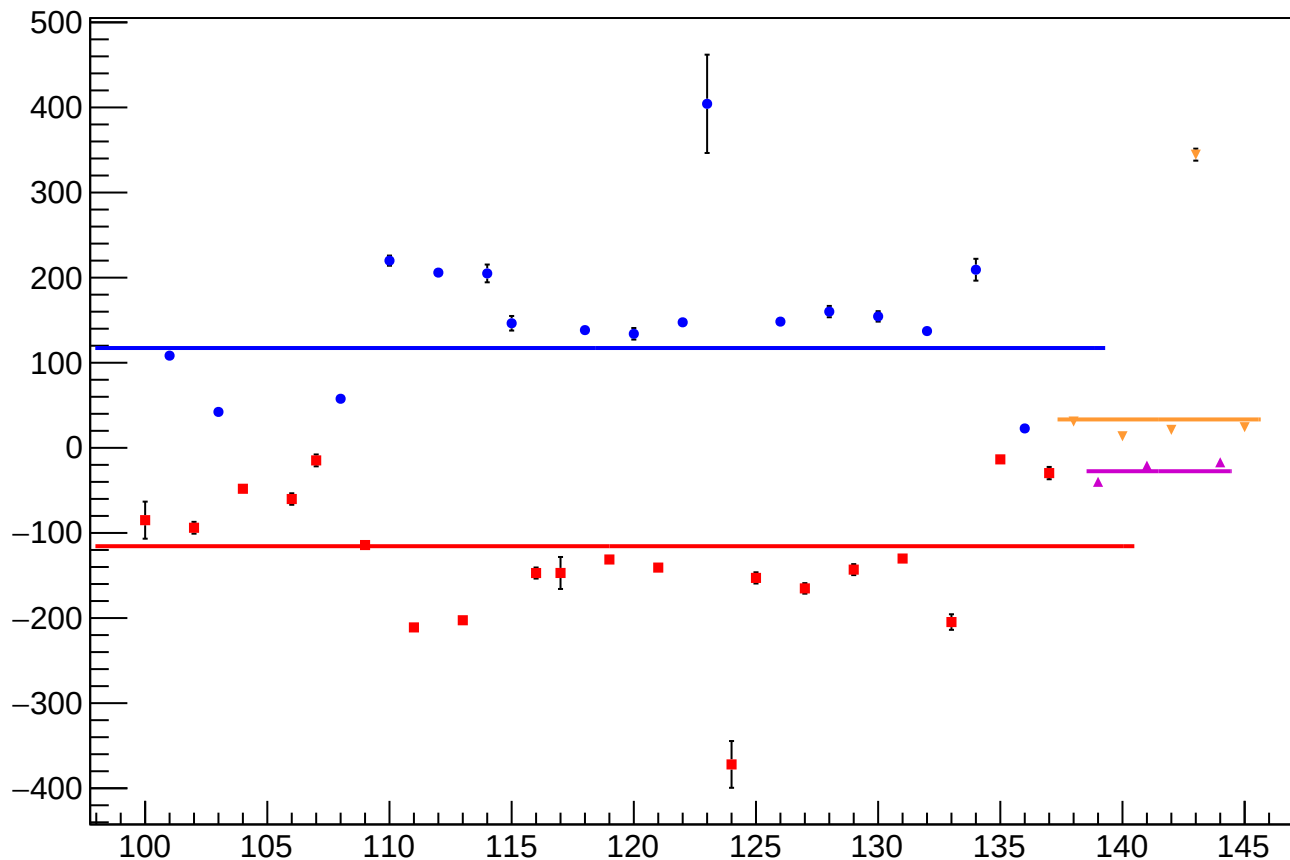
Left In: 5.244 ± 1.174 χ^2/NDF : 10.7/2

-6.144 ± 0.620 χ^2/NDF : 308.3/21

0.062 ± 0.445 χ^2/NDF : 785.2/44

6.644 ± 0.638 χ^2/NDF : 270.3/22

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.302 $\pm$ 1.409 χ^2/NDF : 2161.3/16

Left Out: 33.378 $\pm$ 1.284 χ^2/NDF :2039.0/4

Right Out: -115.570 $\pm$ 1.357 χ^2/NDF : 2153.3/19

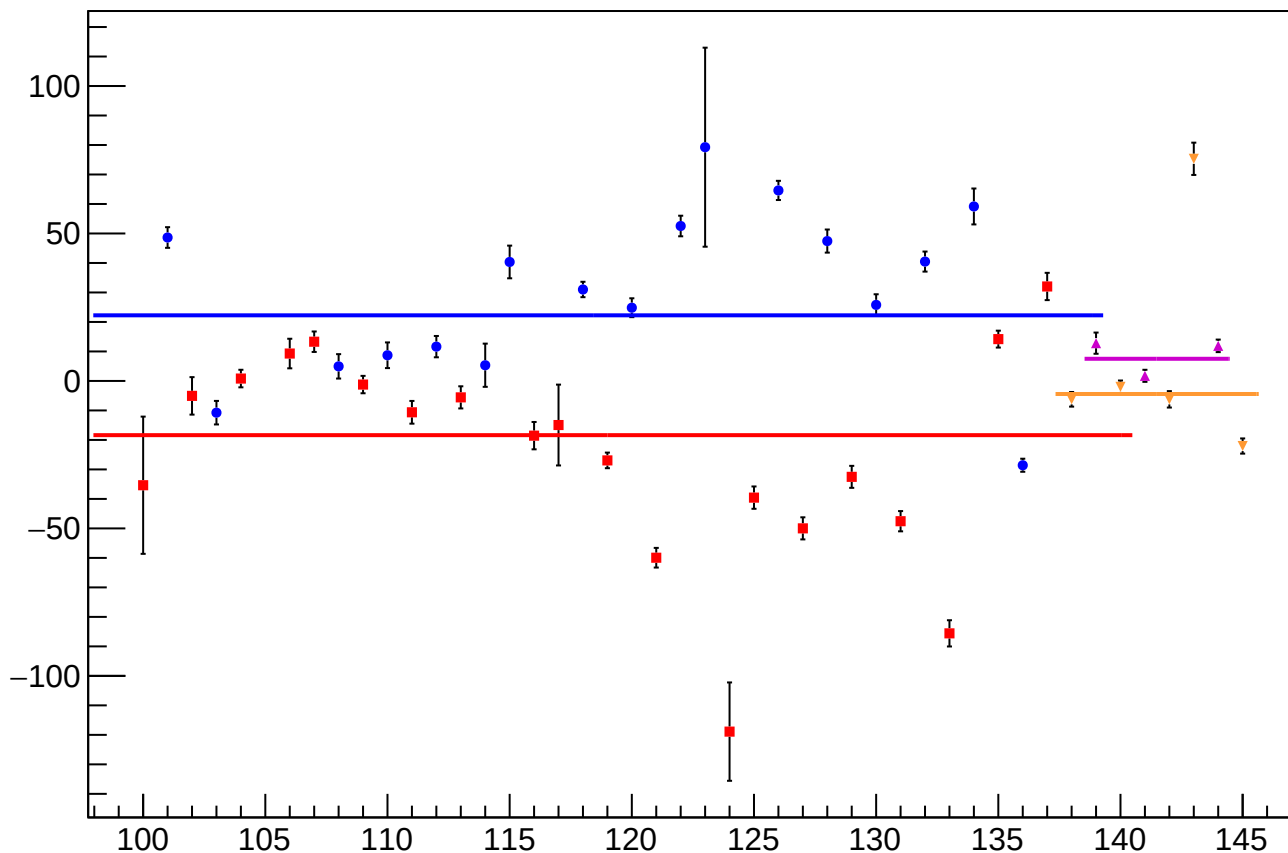
Left In: -27.465 $\pm$ 1.423 χ^2/NDF :52.7/2

71.458 $\pm$ 0.949 χ^2/NDF : 6139.4/21

1.424 $\pm$ 0.682 χ^2/NDF : 21638.2/44

-73.605 $\pm$ 0.982 χ^2/NDF : 4213.7/22

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250 ± 0.889 χ^2/NDF : 1071.4/16

Left Out: -4.426 ± 1.201 χ^2/NDF : 261.3/4

Right Out: -18.381 ± 0.870 χ^2/NDF : 1077.2/19

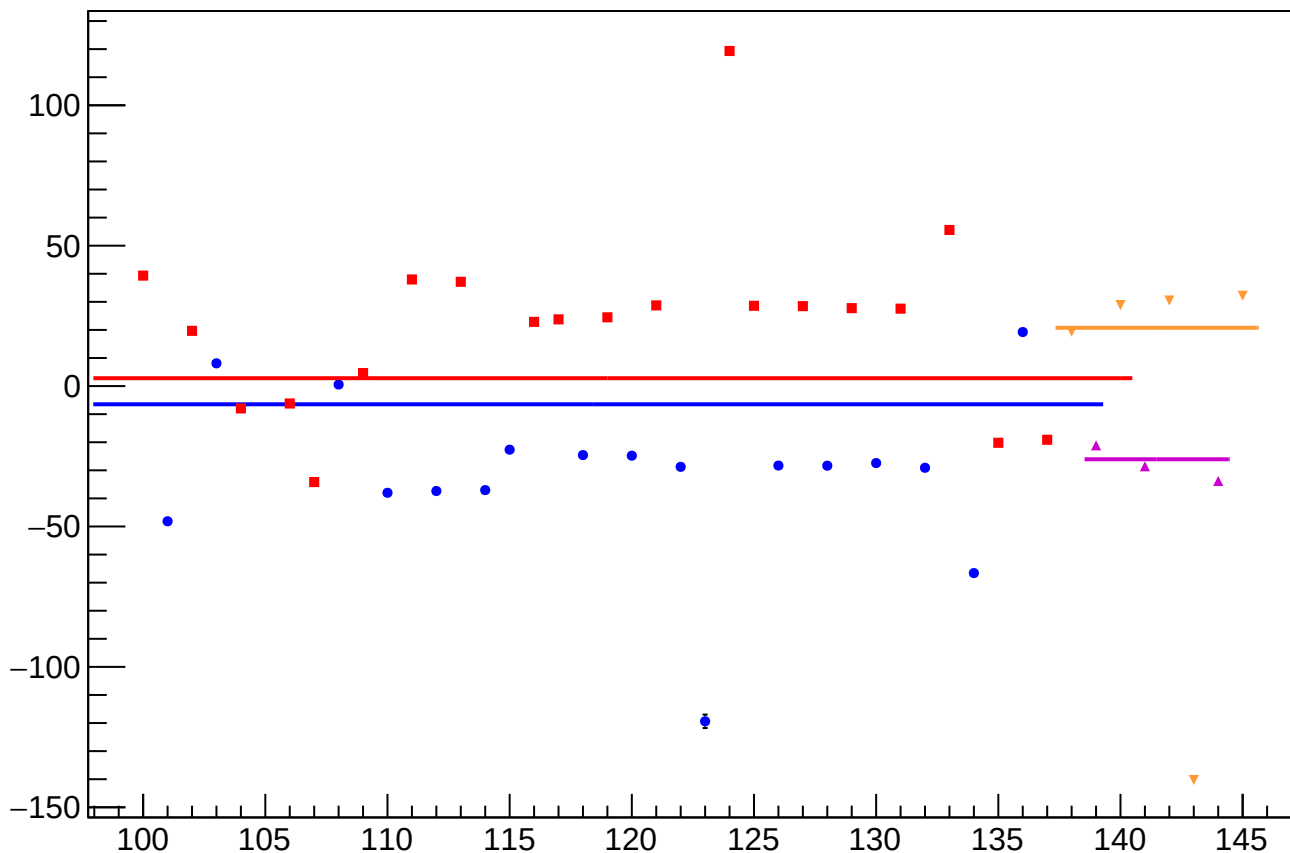
Left In: 7.514 ± 1.364 χ^2/NDF : 14.4/2

12.805 ± 0.715 χ^2/NDF : 1651.4/21

1.266 ± 0.512 χ^2/NDF : 3534.6/44

-10.890 ± 0.733 χ^2/NDF : 1347.8/22

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.482 ± 0.046 $\chi^2/\text{NDF}: 265804.1/16$

Left Out: 20.767 ± 0.052 $\chi^2/\text{NDF}: 345489.8/4$

Right Out: 2.811 ± 0.046 $\chi^2/\text{NDF}: 266885.9/19$

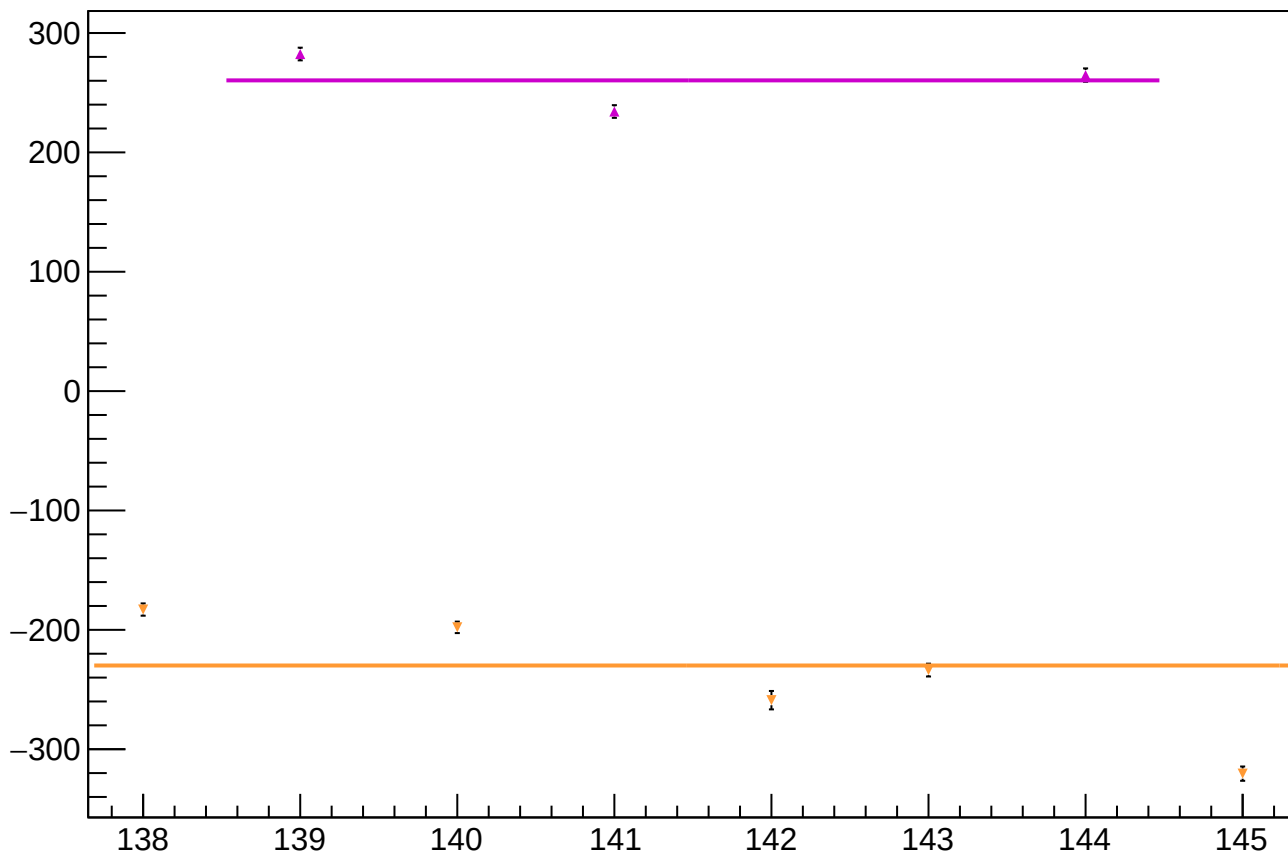
Left In: -26.060 ± 0.055 $\chi^2/\text{NDF}: 8879.4/2$

5.541 ± 0.035 $\chi^2/\text{NDF}: 765030.0/21$

-1.565 ± 0.025 $\chi^2/\text{NDF}: 1290083.4/44$

-8.932 ± 0.035 $\chi^2/\text{NDF}: 438688.6/22$

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: -229.873+/-2.500 χ^2/NDF : 370.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

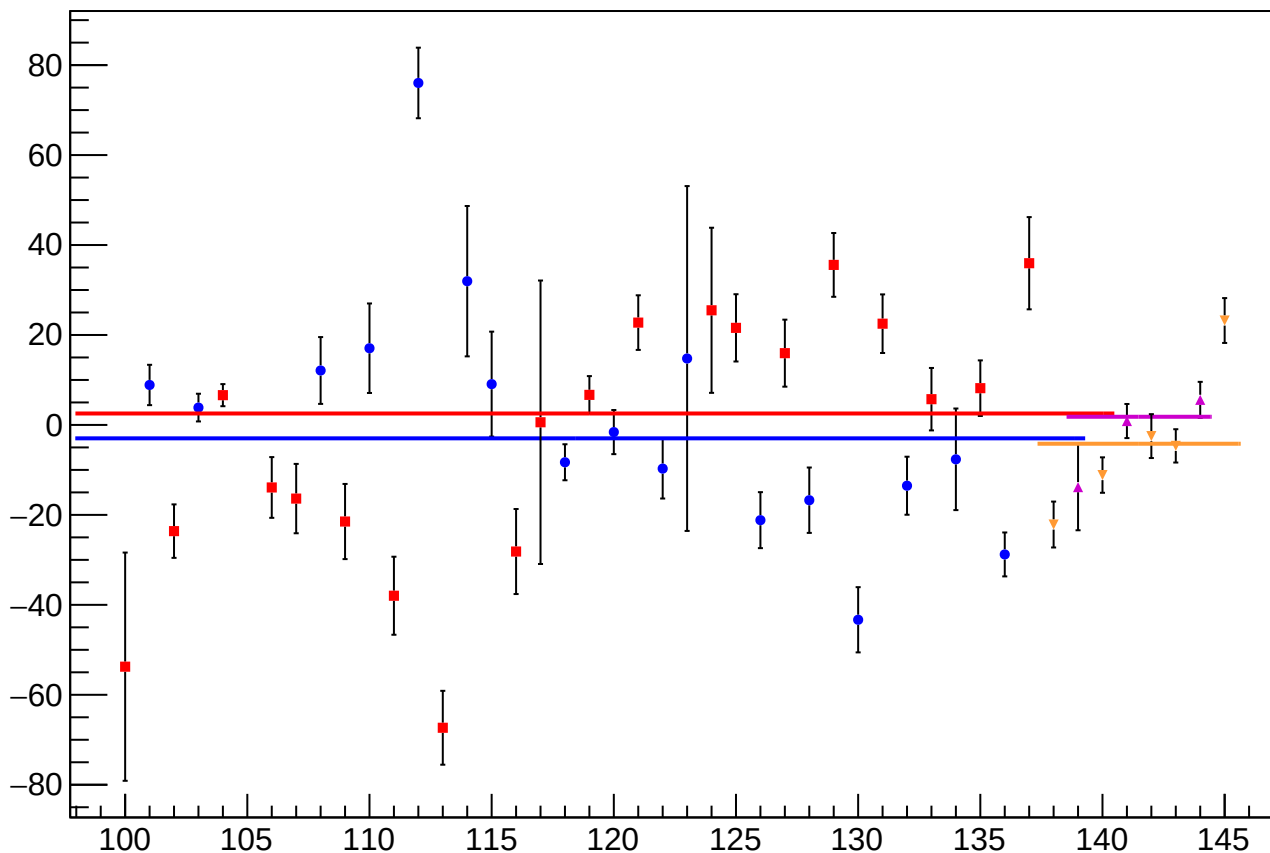
Left In: 260.320+/-3.125 χ^2/NDF : 41.8/2

-229.873+/-2.500 χ^2/NDF : 370.2/4

-38.589+/-1.952 χ^2/NDF : 15412.5/7

260.320+/-3.125 χ^2/NDF : 41.8/2

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: -4.181 ± 1.969 χ^2/NDF : 45.8/4

Right Out: 2.544 ± 1.397 χ^2/NDF : 218.1/19

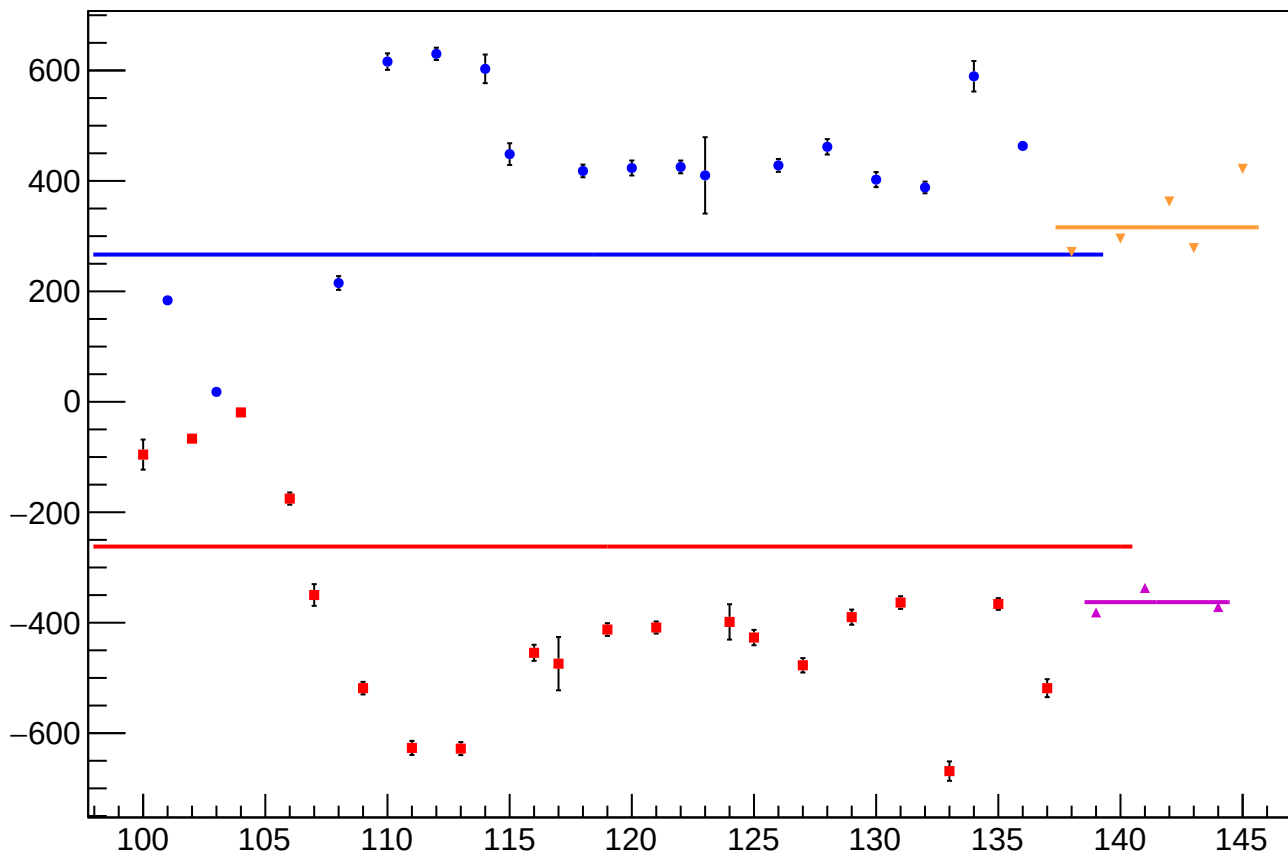
Left In: 1.815 ± 2.644 χ^2/NDF : 3.6/2

-3.404 ± 1.168 χ^2/NDF : 250.0/21

-0.672 ± 0.849 χ^2/NDF : 483.3/44

2.385 ± 1.235 χ^2/NDF : 221.8/22

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 2.477 χ^2/NDF : 7662.7/16

Left Out: 316.021 $\pm$ 2.670 χ^2/NDF : 437.7/4

Right Out: -262.101 $\pm$ 2.455 χ^2/NDF : 8227.6/19

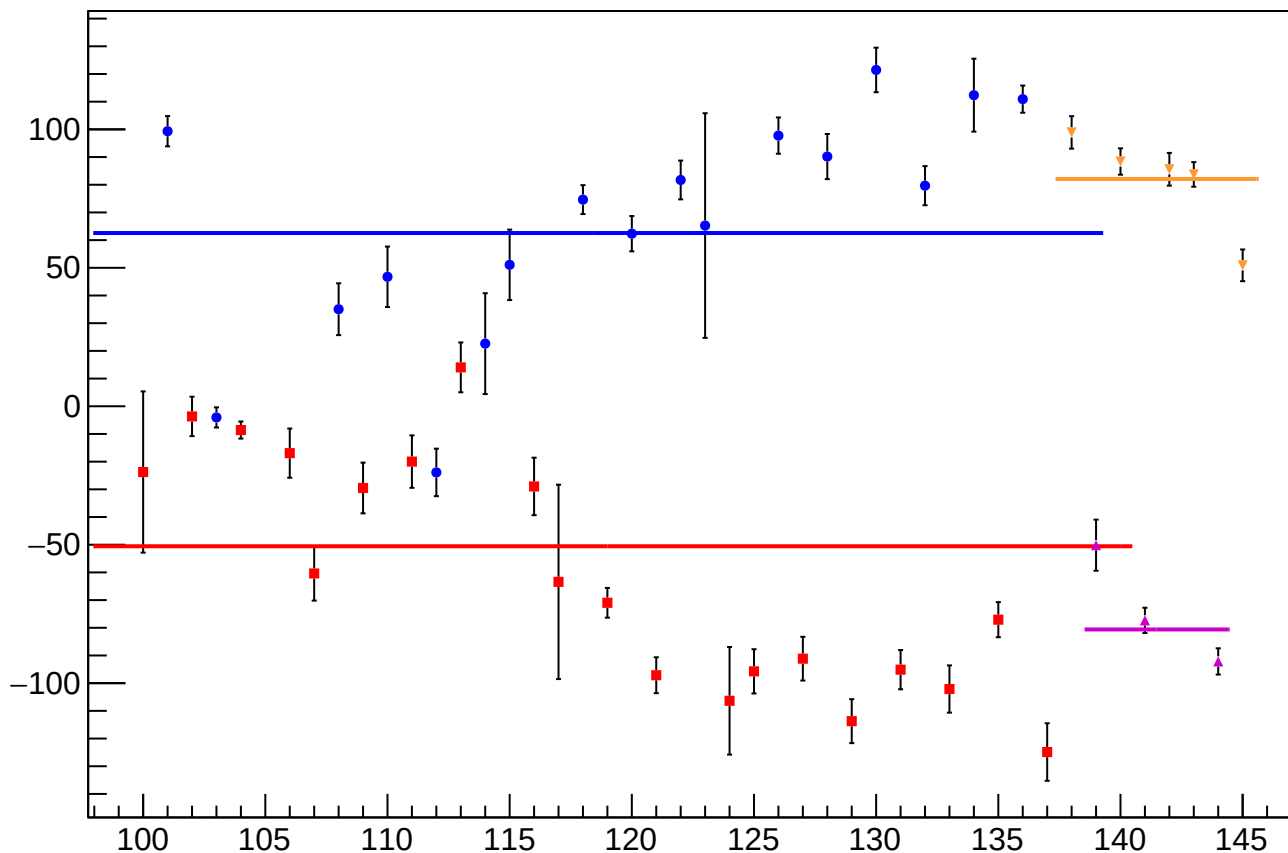
Left In: -362.739 $\pm$ 3.350 χ^2/NDF : 33.2/2

289.478 $\pm$ 1.816 χ^2/NDF : 8284.4/21

21.431 $\pm$ 1.338 χ^2/NDF : 64830.6/44

-297.257 $\pm$ 1.980 χ^2/NDF : 8848.0/22

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566 ± 1.678 $\chi^2/\text{NDF}: 722.4/16$

Left Out: 82.087 ± 2.338 $\chi^2/\text{NDF}: 40.1/4$

Right Out: -50.554 ± 1.642 $\chi^2/\text{NDF}: 657.1/19$

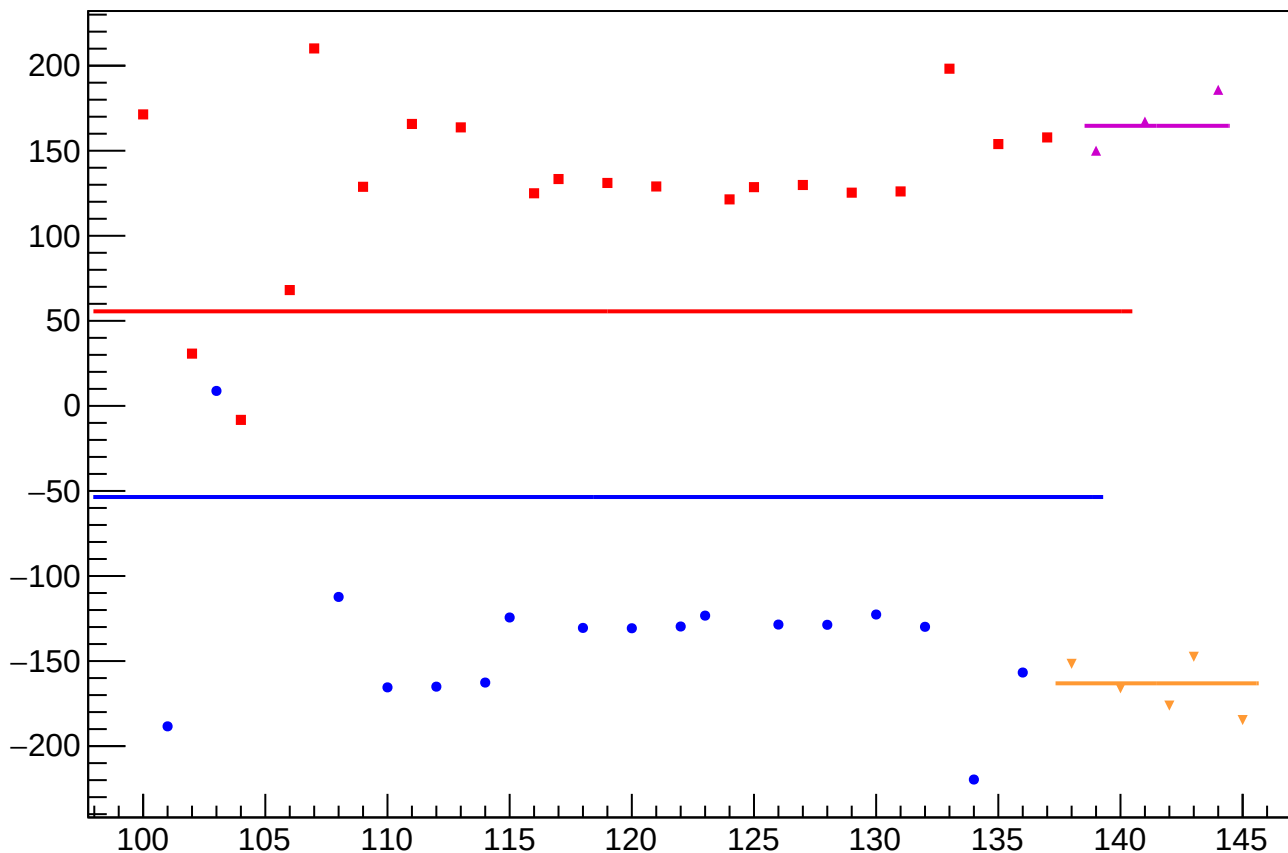
Left In: -80.599 ± 3.099 $\chi^2/\text{NDF}: 17.3/2$

69.203 ± 1.363 $\chi^2/\text{NDF}: 808.5/21$

9.945 ± 0.993 $\chi^2/\text{NDF}: 5584.1/44$

-57.139 ± 1.451 $\chi^2/\text{NDF}: 747.9/22$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567+/-0.070 χ^2/NDF : 1230233.3/16

Left Out: -163.096+/-0.109 χ^2/NDF : 16531.6/4

Right Out: 55.585+/-0.072 χ^2/NDF : 970875.1/19

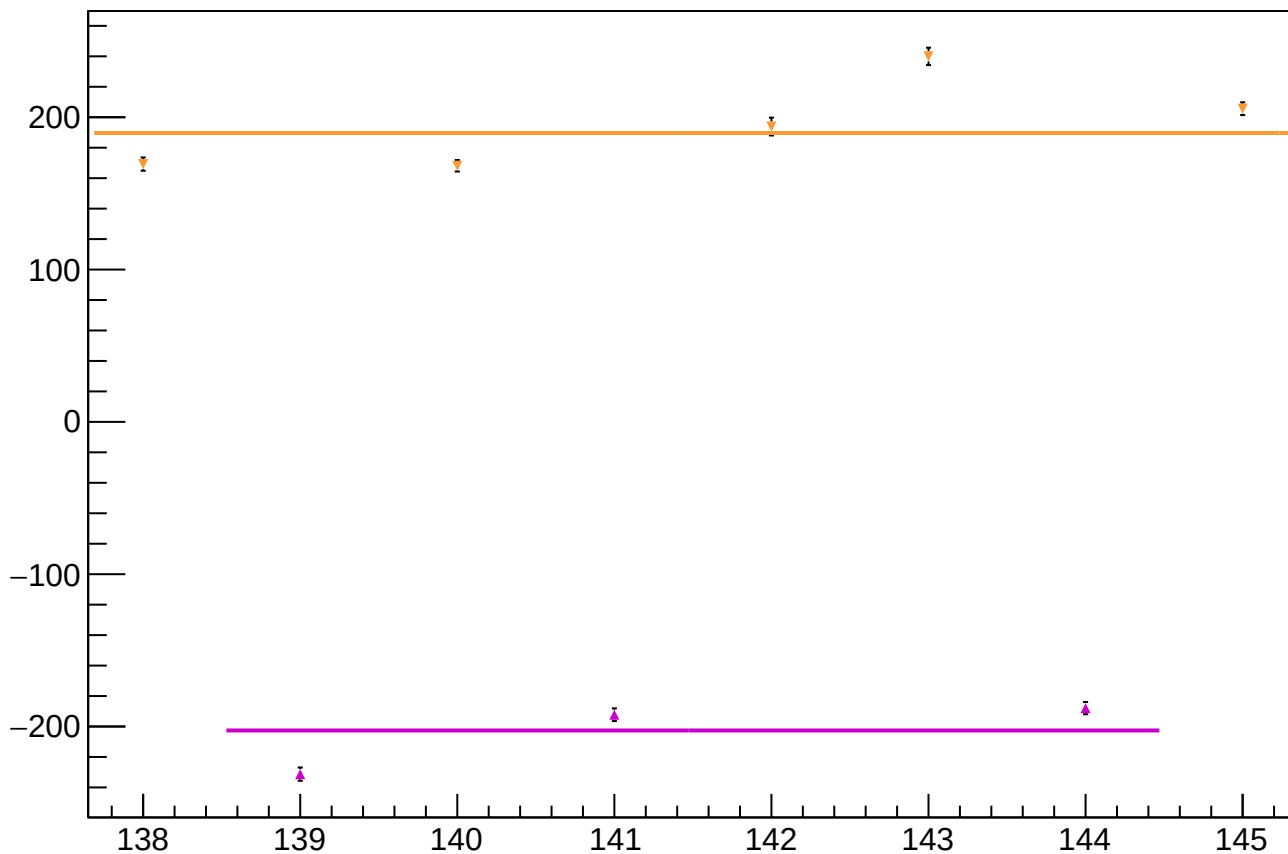
Left In: 164.648+/-0.132 χ^2/NDF : 11792.9/2

-85.765+/-0.059 χ^2/NDF : 1960884.9/21

-8.049+/-0.043 χ^2/NDF : 7181400.6/44

80.634+/-0.063 χ^2/NDF : 1511611.6/22

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: 189.654+/-2.047 χ^2 /NDF:146.6/4

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

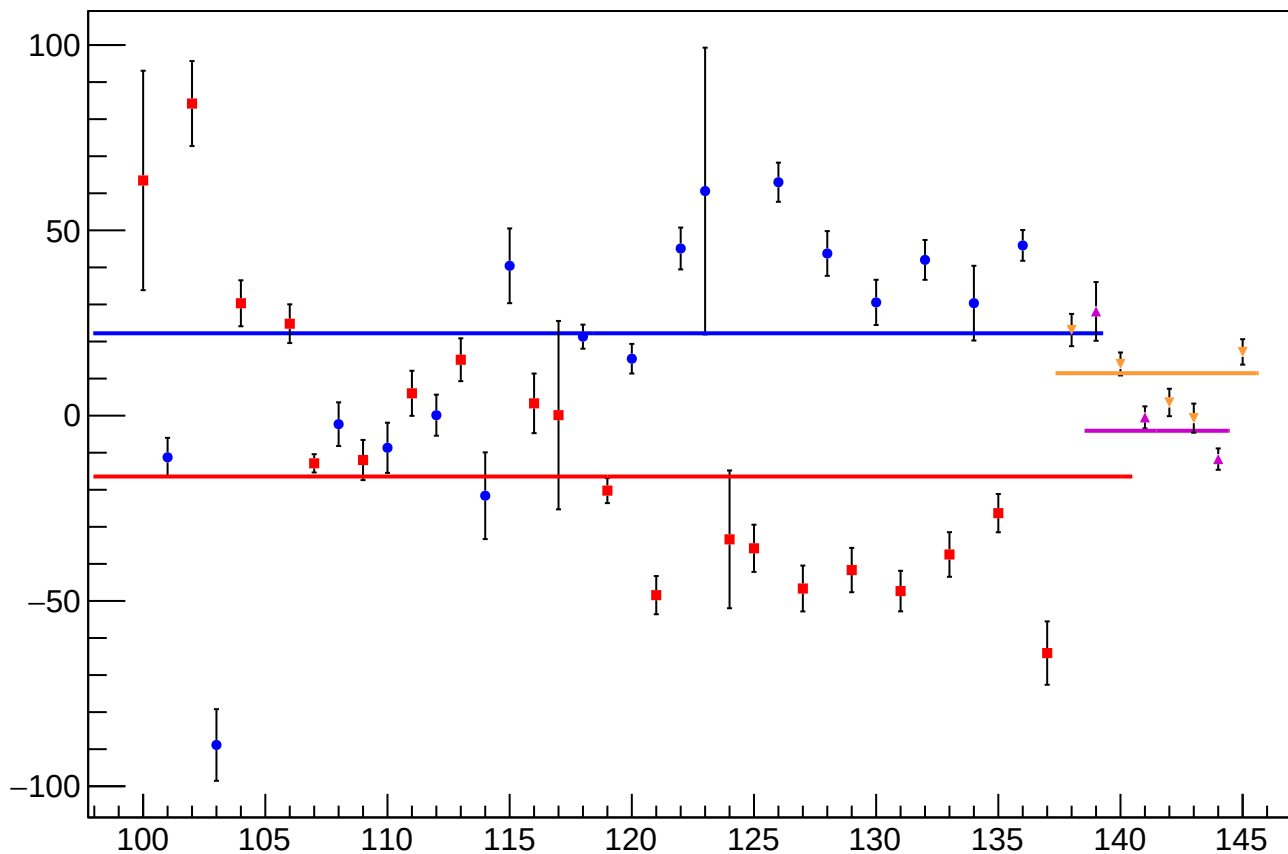
Left In: -202.604+/-2.418 χ^2 /NDF:62.2/2

189.654+/-2.047 χ^2 /NDF: 146.6/4

25.856+/-1.562 χ^2 /NDF: 15538.9/7

-202.604+/-2.418 χ^2 /NDF: 62.2/2

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

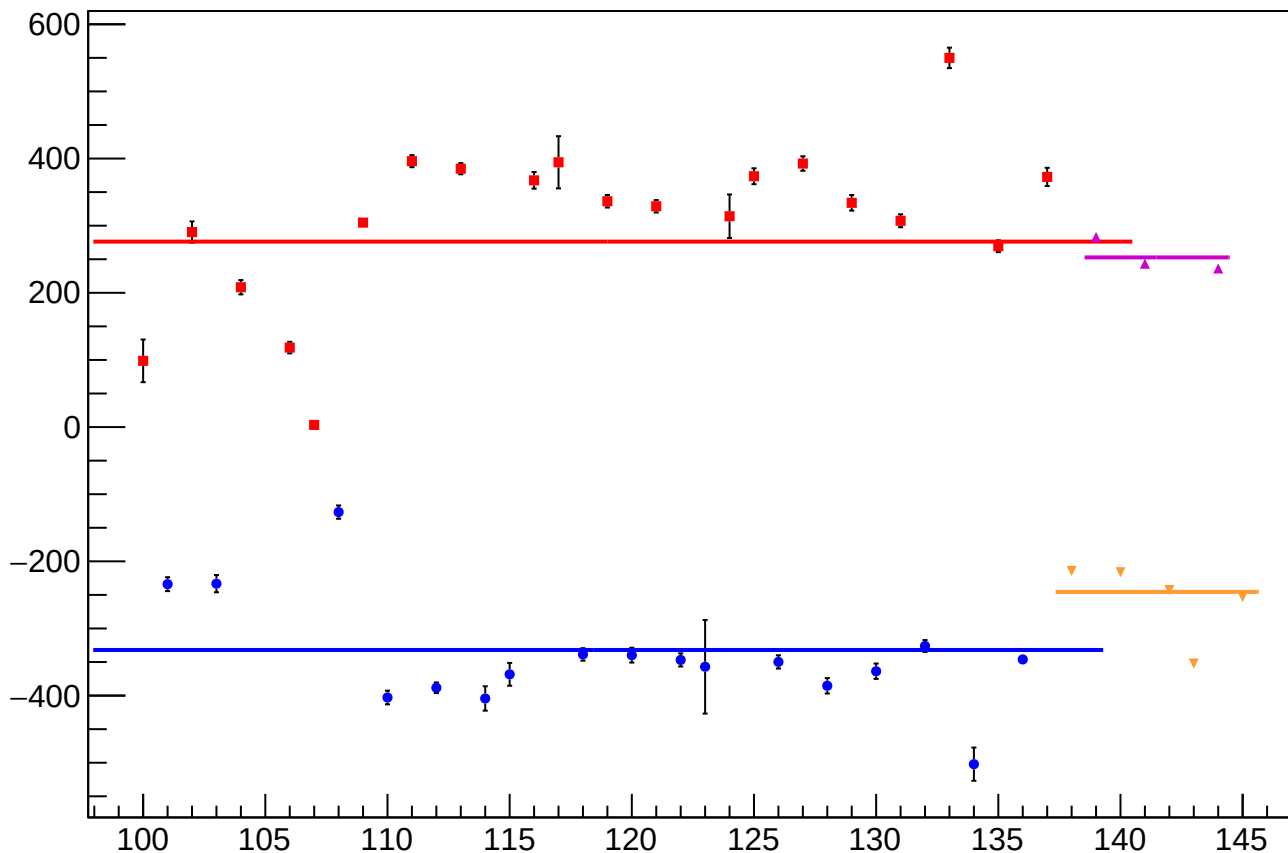


17.723 $\pm$ 1.048 $\chi^2/\text{NDF}: 436.0/21$

2.314 $\pm$ 0.741 $\chi^2/\text{NDF}: 1346.4/44$

-13.053 $\pm$ 1.047 $\chi^2/\text{NDF}: 479.0/22$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037±/2.562 χ^2/NDF : 784.9/16

Left Out: -245.534±/2.188 χ^2/NDF : 405.8/4

Right Out: 276.276±/2.320 χ^2/NDF : 3372.1/19

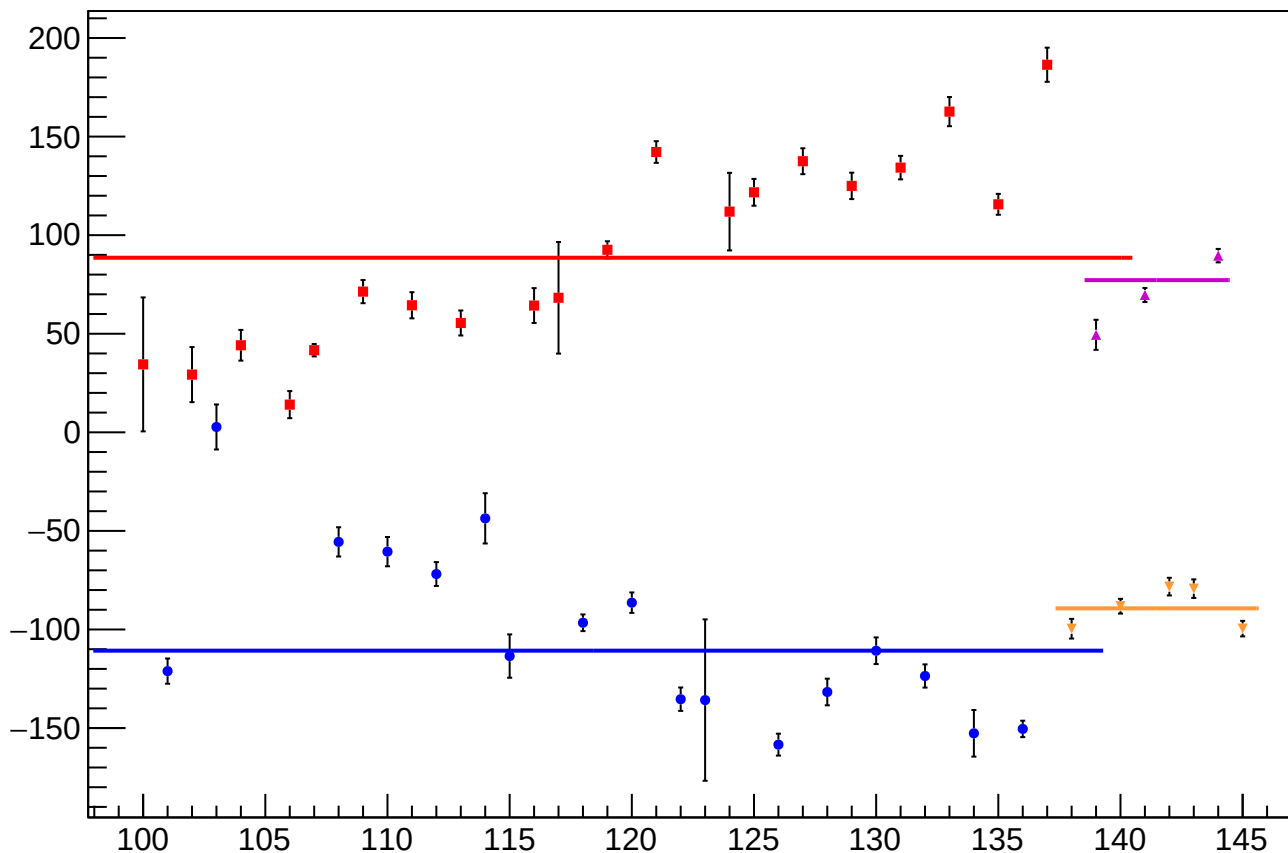
Left In: 252.734±/2.590 χ^2/NDF : 60.0/2

-282.015±/1.664 χ^2/NDF : 1850.0/21

-18.534±/1.199 χ^2/NDF : 57471.6/44

265.797±/1.728 χ^2/NDF : 3477.9/22

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.745+/-1.578 χ^2/NDF : 513.4/16

Left Out: -89.273+/-1.922 χ^2/NDF : 21.7/4

Right Out: 88.548+/-1.433 χ^2/NDF : 970.2/19

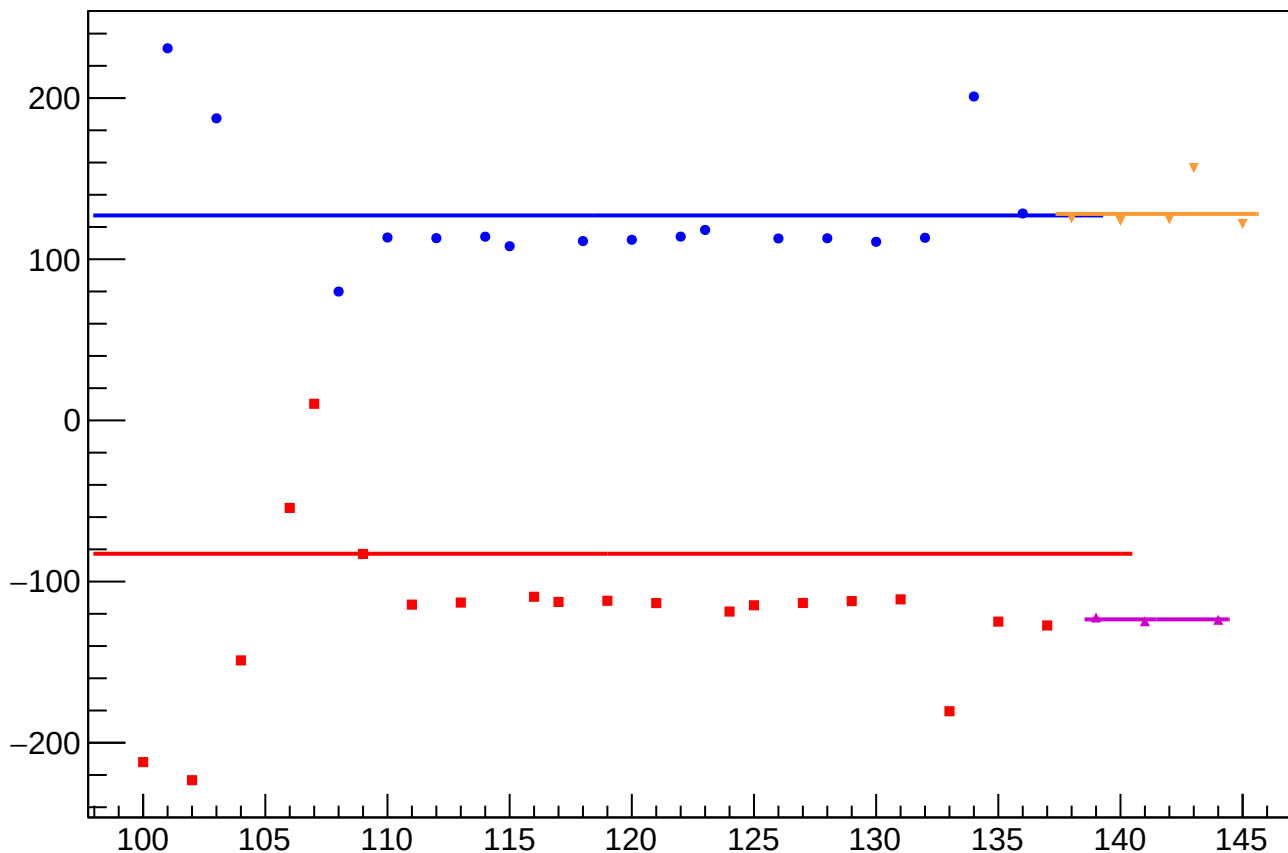
Left In: 77.193+/-2.351 χ^2/NDF : 30.9/2

-102.103+/-1.219 χ^2/NDF : 609.7/21

-8.619+/-0.864 χ^2/NDF : 13419.6/44

85.473+/-1.223 χ^2/NDF : 1018.1/22

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179+/-0.089 χ^2/NDF : 188050.9/16

Left Out: 128.119+/-0.089 χ^2/NDF : 15762.0/4

Right Out: -82.737+/-0.075 χ^2/NDF : 765998.9/19

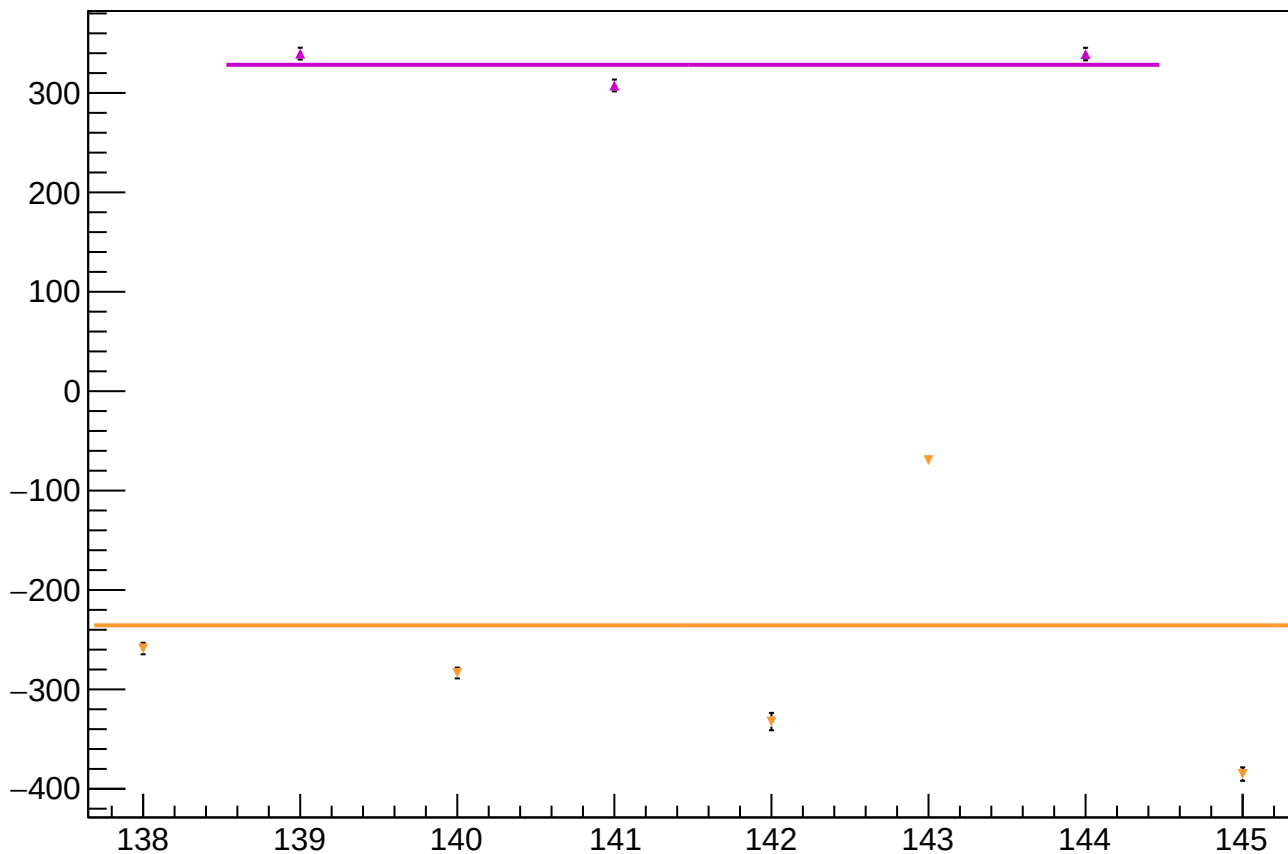
Left In: -123.448+/-0.103 χ^2/NDF : 93.2/2

127.648+/-0.063 χ^2/NDF : 203868.6/21

11.156+/-0.044 χ^2/NDF : 7661982.5/44

-96.947+/-0.061 χ^2/NDF : 868300.6/22

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: -235.541+/-2.677 χ^2/NDF : 1843.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

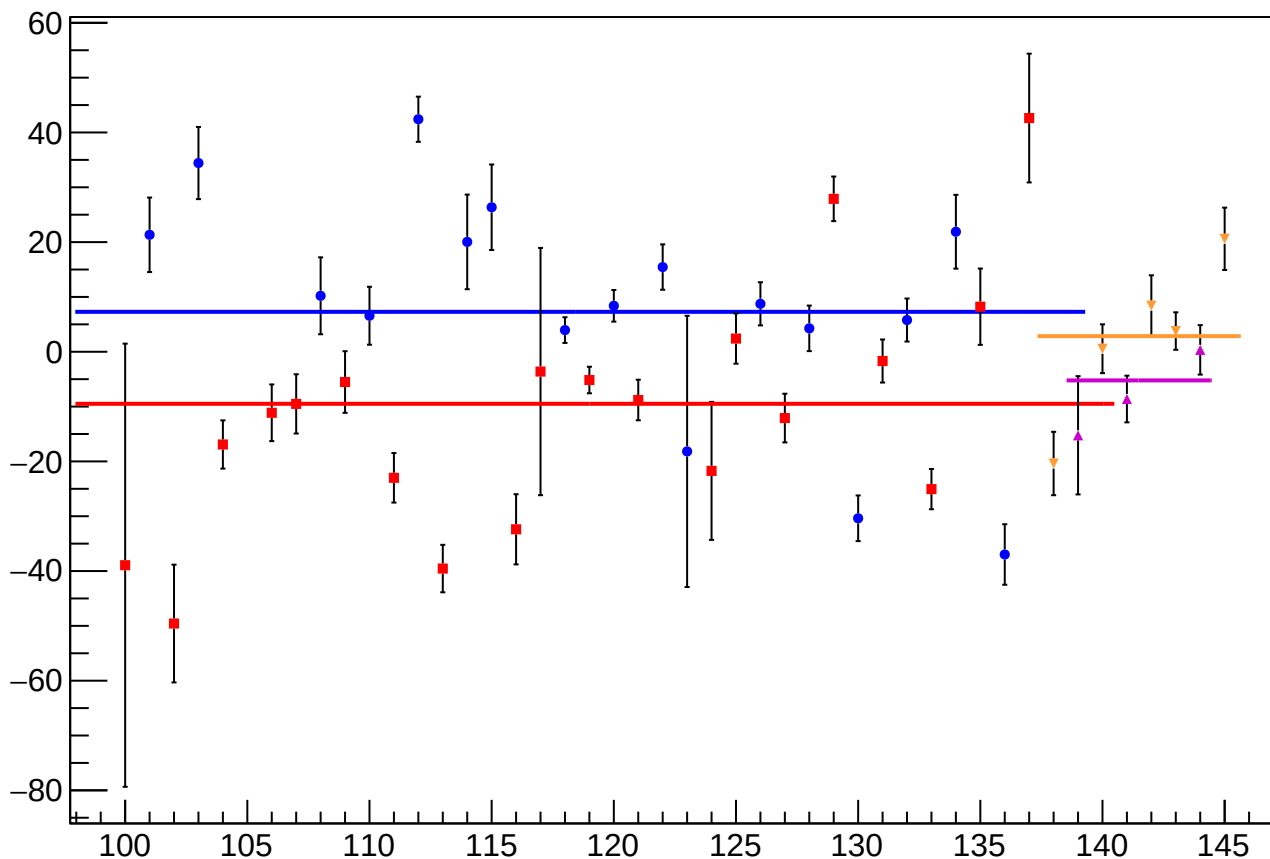
Left In: 328.324+/-3.520 χ^2/NDF : 18.5/2

-235.541+/-2.677 χ^2/NDF : 1843.7/4

-28.908+/-2.131 χ^2/NDF : 18122.4/7

328.324+/-3.520 χ^2/NDF : 18.5/2

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284 $\pm$ 1.084 χ^2 /NDF: 261.0/16

Left Out: 2.850 $\pm$ 2.087 χ^2 /NDF:27.3/4

Right Out: -9.491 $\pm$ 1.073 χ^2 /NDF: 231.6/19

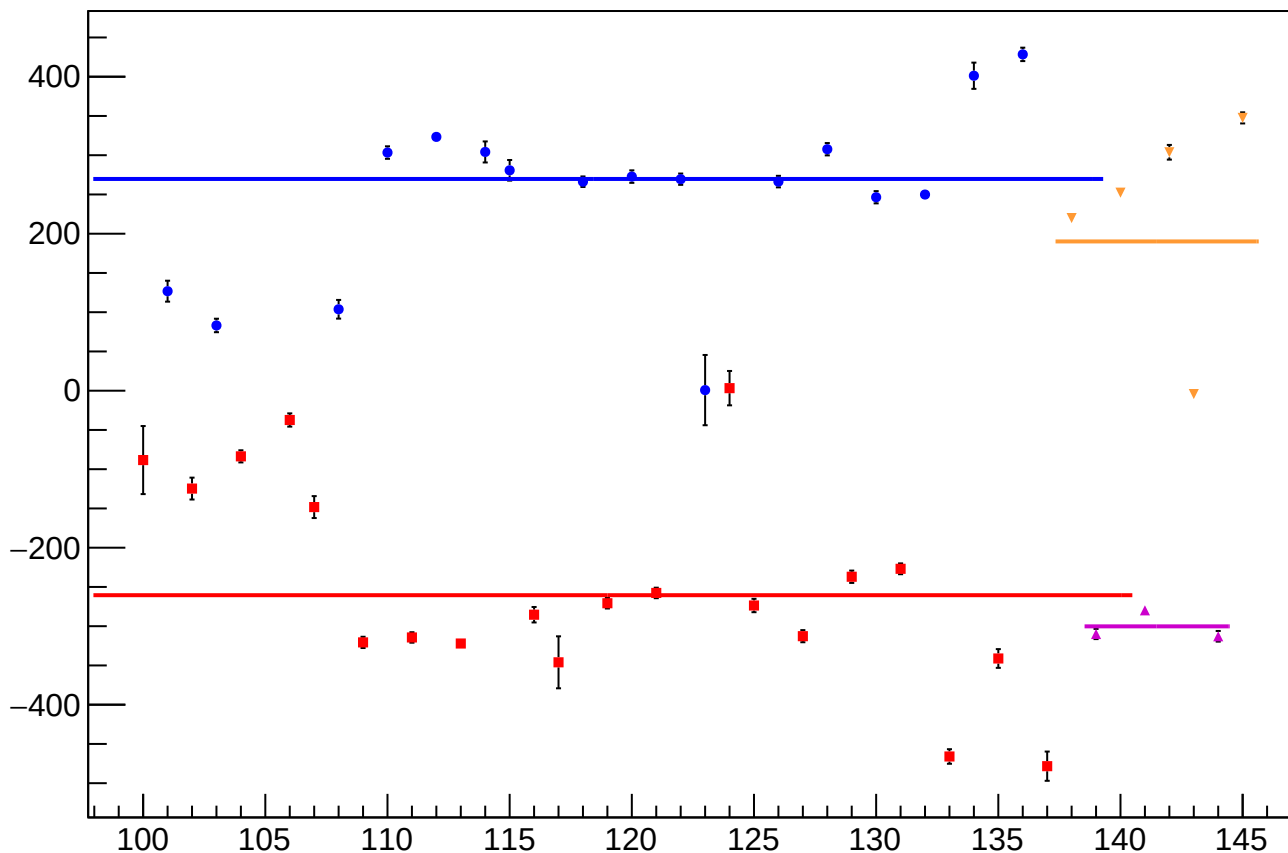
Left In: -5.225 $\pm$ 2.977 χ^2 /NDF:3.0/2

6.343 $\pm$ 0.962 χ^2 /NDF: 291.8/21

-0.956 $\pm$ 0.696 χ^2 /NDF: 649.4/44

-9.001 $\pm$ 1.010 χ^2 /NDF: 236.4/22

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.748 ± 2.071 χ^2/NDF : 1374.1/16

Left Out: 190.156 ± 2.857 χ^2/NDF : 2147.4/4

Right Out: -260.511 ± 1.974 χ^2/NDF : 2548.2/19

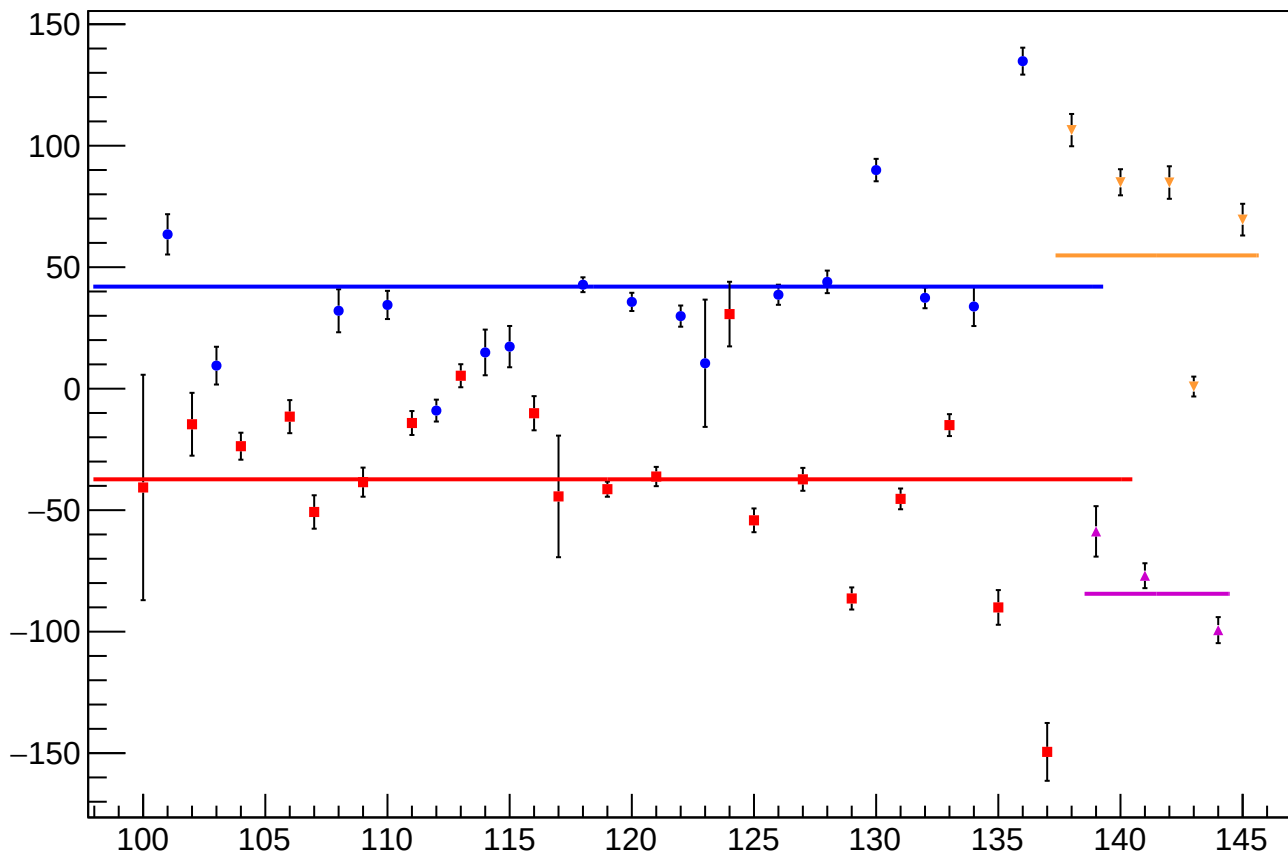
Left In: -300.207 ± 3.773 χ^2/NDF : 16.1/2

242.322 ± 1.677 χ^2/NDF : 4030.2/21

-2.571 ± 1.211 χ^2/NDF : 51214.6/44

-269.045 ± 1.749 χ^2/NDF : 2651.2/22

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006 $\pm$ 1.255 χ^2/NDF : 575.6/16

Left Out: 54.848 $\pm$ 2.478 χ^2/NDF : 290.9/4

Right Out: -37.301 $\pm$ 1.236 χ^2/NDF : 472.7/19

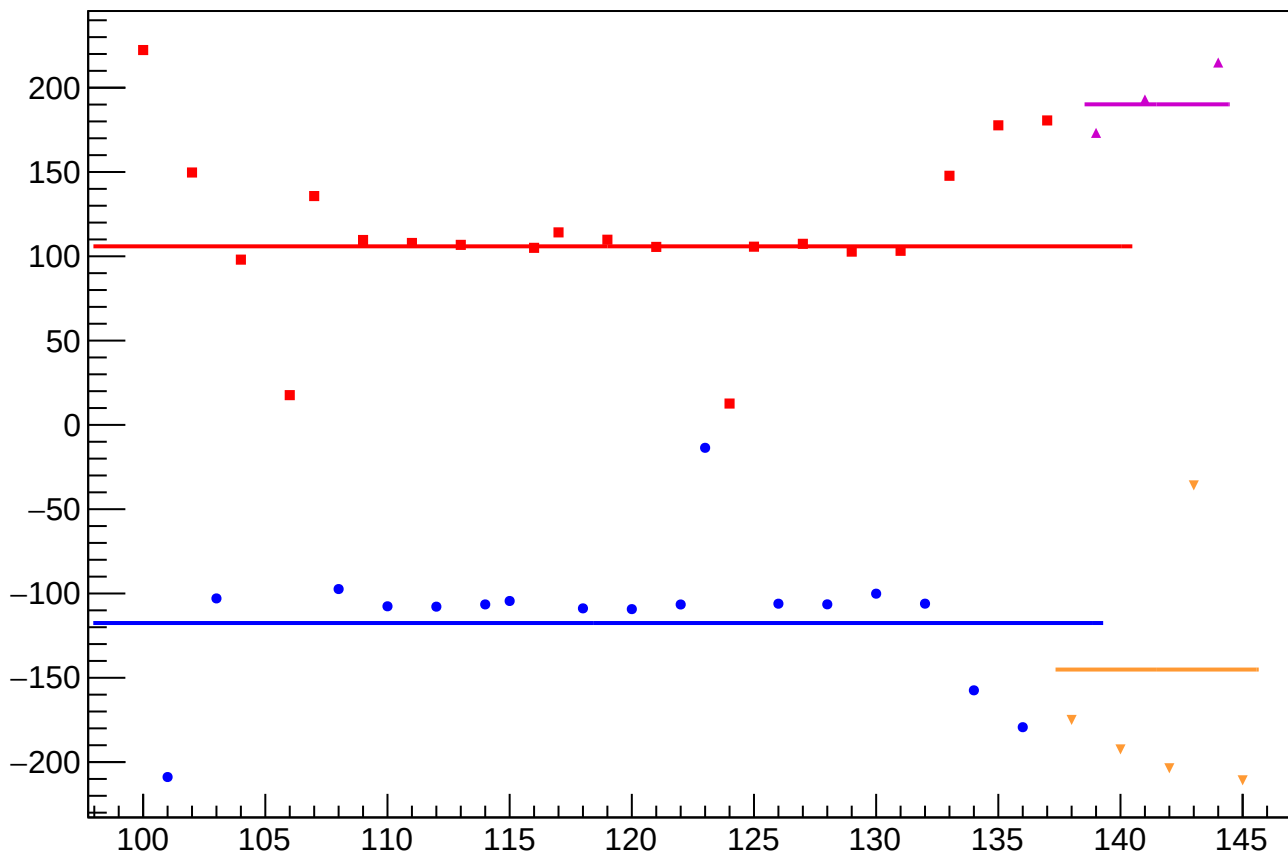
Left In: -84.413 $\pm$ 3.488 χ^2/NDF : 16.0/2

44.629 $\pm$ 1.120 χ^2/NDF : 887.8/21

2.748 $\pm$ 0.807 χ^2/NDF : 4450.2/44

-42.554 $\pm$ 1.165 χ^2/NDF : 650.8/22

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -145.113+/-0.116 χ^2/NDF : 398156.7/4

Right Out: 105.911+/-0.073 χ^2/NDF : 324334.0/19

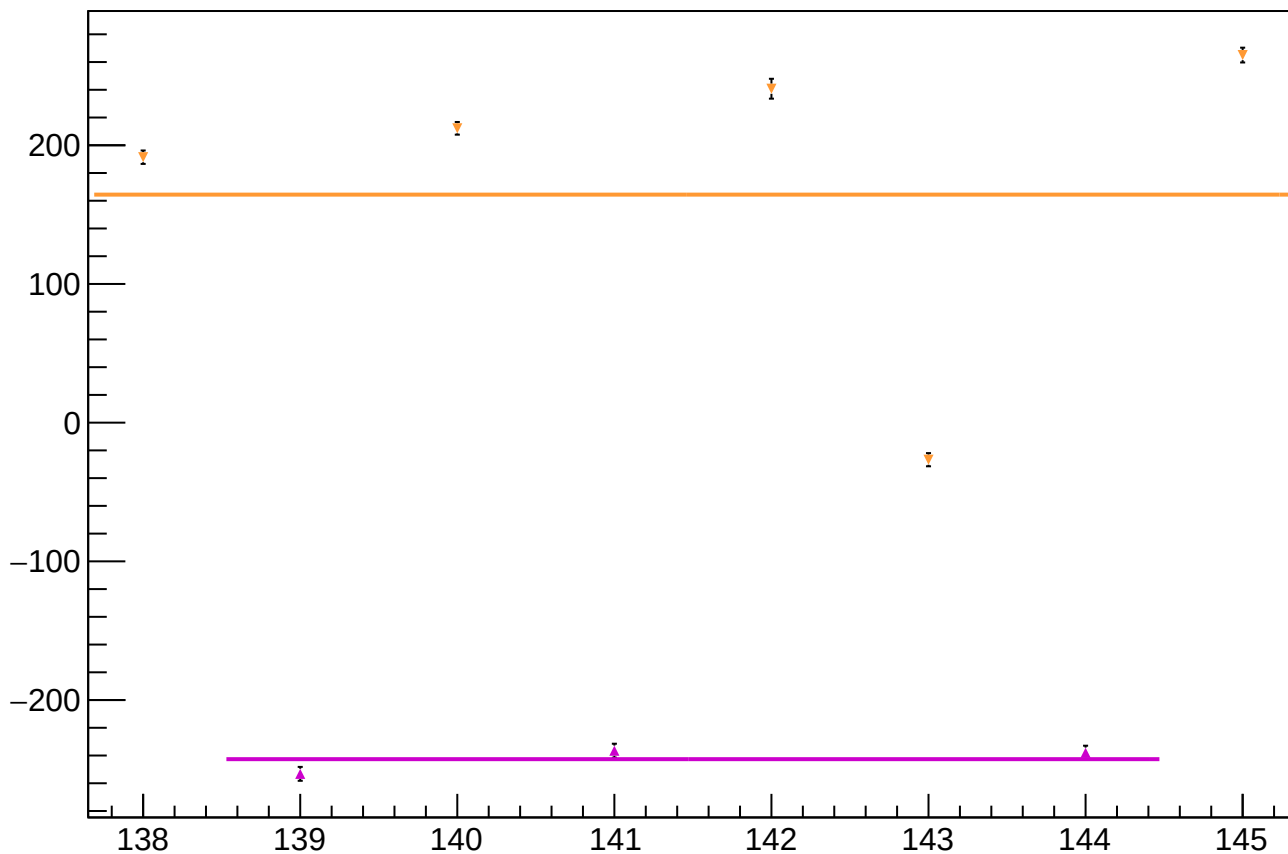
Left In: 190.136+/-0.148 χ^2/NDF : 12595.8/2

-126.082+/-0.065 χ^2/NDF : 579026.7/21

-2.845+/-0.046 χ^2/NDF : 8471281.0/44

122.278+/-0.065 χ^2/NDF : 597639.9/22

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: 164.411+/-2.299 χ^2/NDF : 2225.1/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

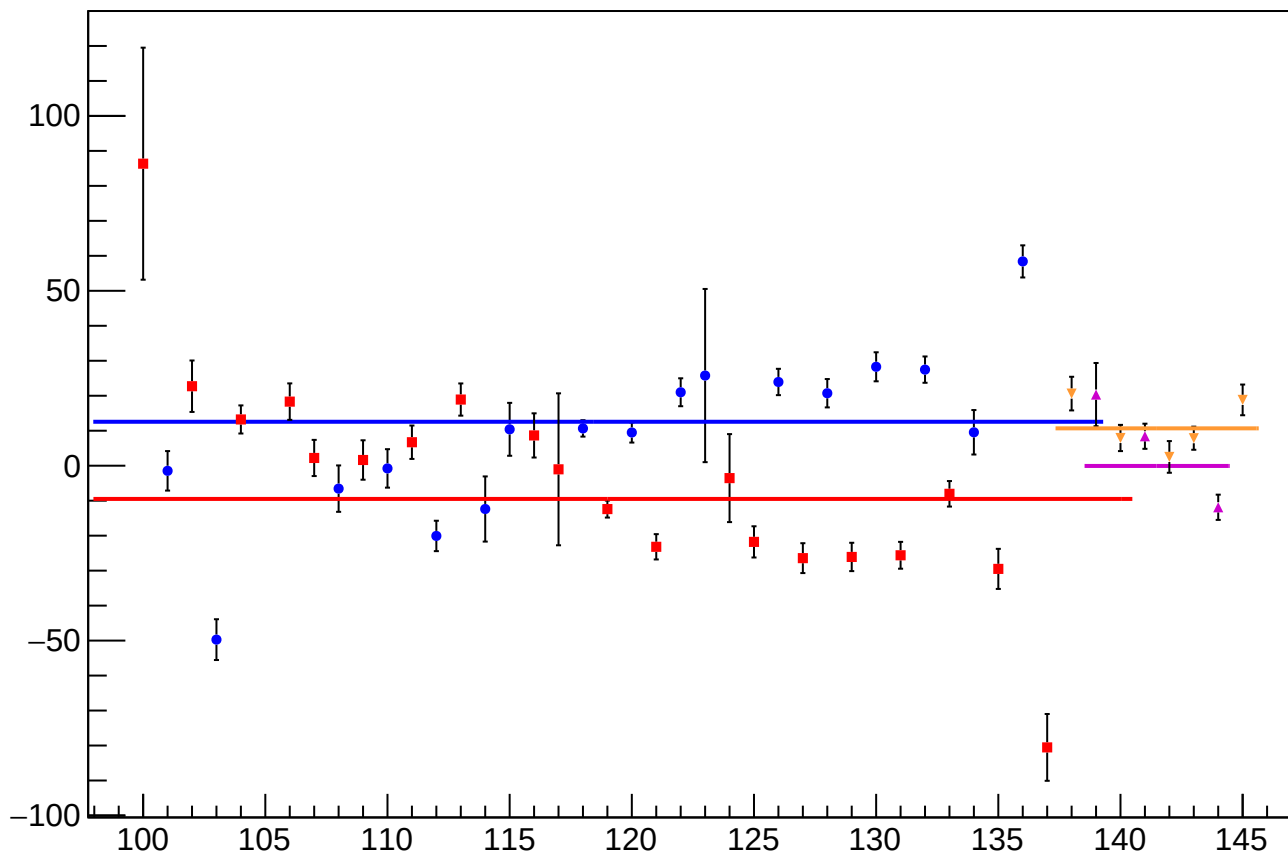
Left In: -242.623+/-2.907 χ^2/NDF : 6.8/2

164.411+/-2.299 χ^2/NDF : 2225.1/4

7.849+/-1.803 χ^2/NDF : 14292.6/7

-242.623+/-2.907 χ^2/NDF : 6.8/2

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561 ± 1.056 $\chi^2/\text{NDF}: 347.7/16$

Left Out: 10.677 ± 1.806 $\chi^2/\text{NDF}: 12.2/4$

Right Out: -9.499 ± 1.049 $\chi^2/\text{NDF}: 296.4/19$

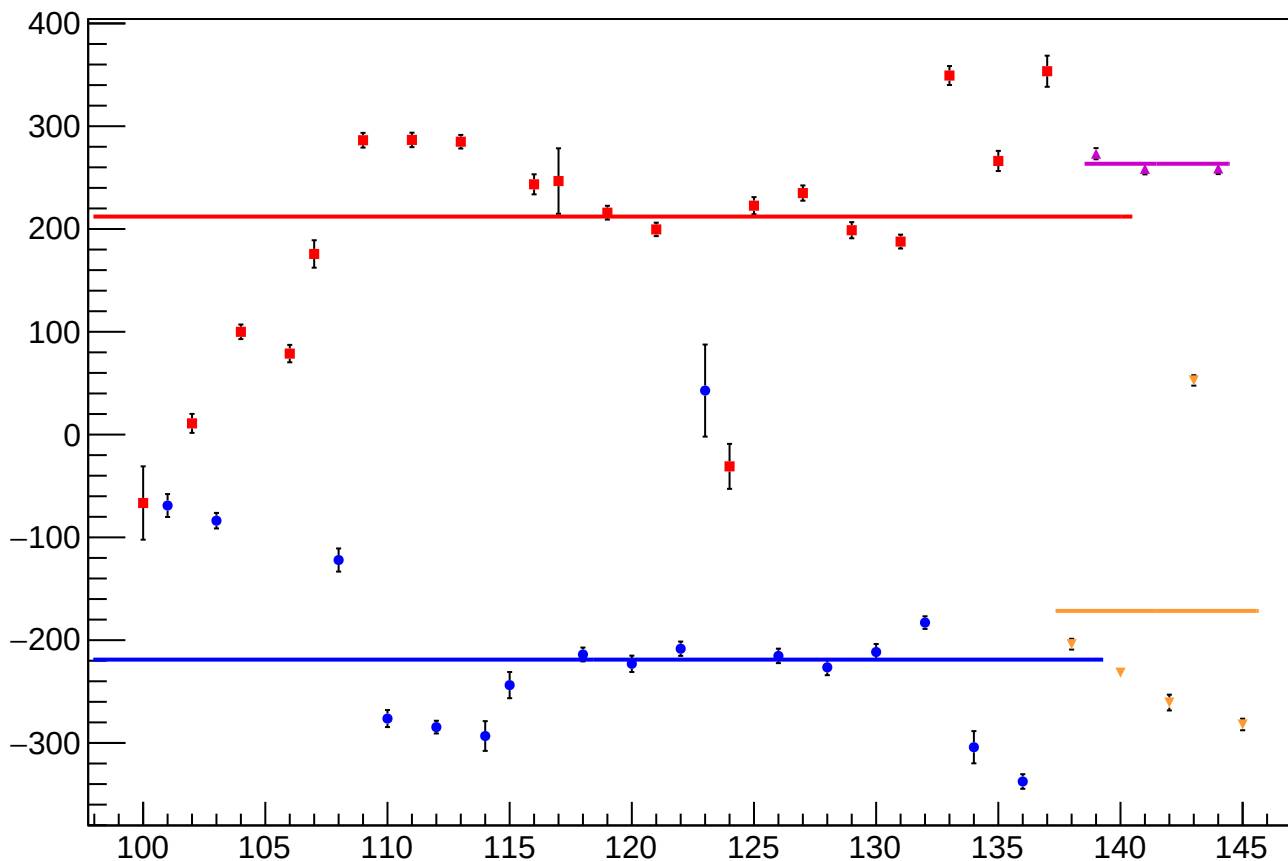
Left In: -0.071 ± 2.450 $\chi^2/\text{NDF}: 21.4/2$

12.082 ± 0.911 $\chi^2/\text{NDF}: 360.8/21$

2.592 ± 0.662 $\chi^2/\text{NDF}: 921.0/44$

-8.038 ± 0.965 $\chi^2/\text{NDF}: 330.3/22$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925+/-2.006 χ^2/NDF : 1146.6/16

Left Out: -171.523+/-2.456 χ^2/NDF : 2661.9/4

Right Out: 212.094+/-1.921 χ^2/NDF : 1887.4/19

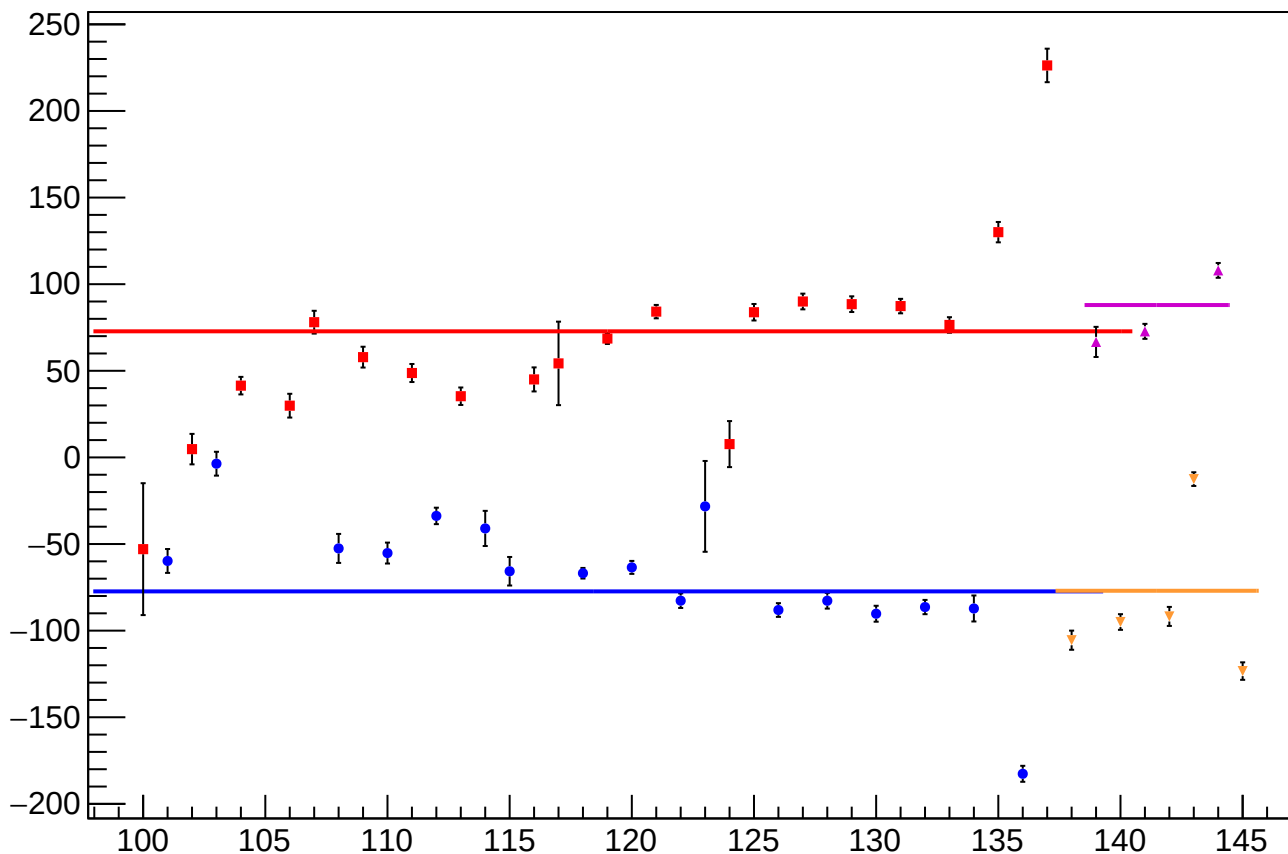
Left In: 263.477+/-3.117 χ^2/NDF : 4.8/2

-199.959+/-1.554 χ^2/NDF : 4031.9/21

2.243+/-1.126 χ^2/NDF : 41820.9/44

226.239+/-1.635 χ^2/NDF : 2089.2/22

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342 $\pm$ 1.219 χ^2/NDF : 817.2/16

Left Out: -76.982 $\pm$ 2.141 χ^2/NDF : 400.2/4

Right Out: 72.789 $\pm$ 1.207 χ^2/NDF : 673.5/19

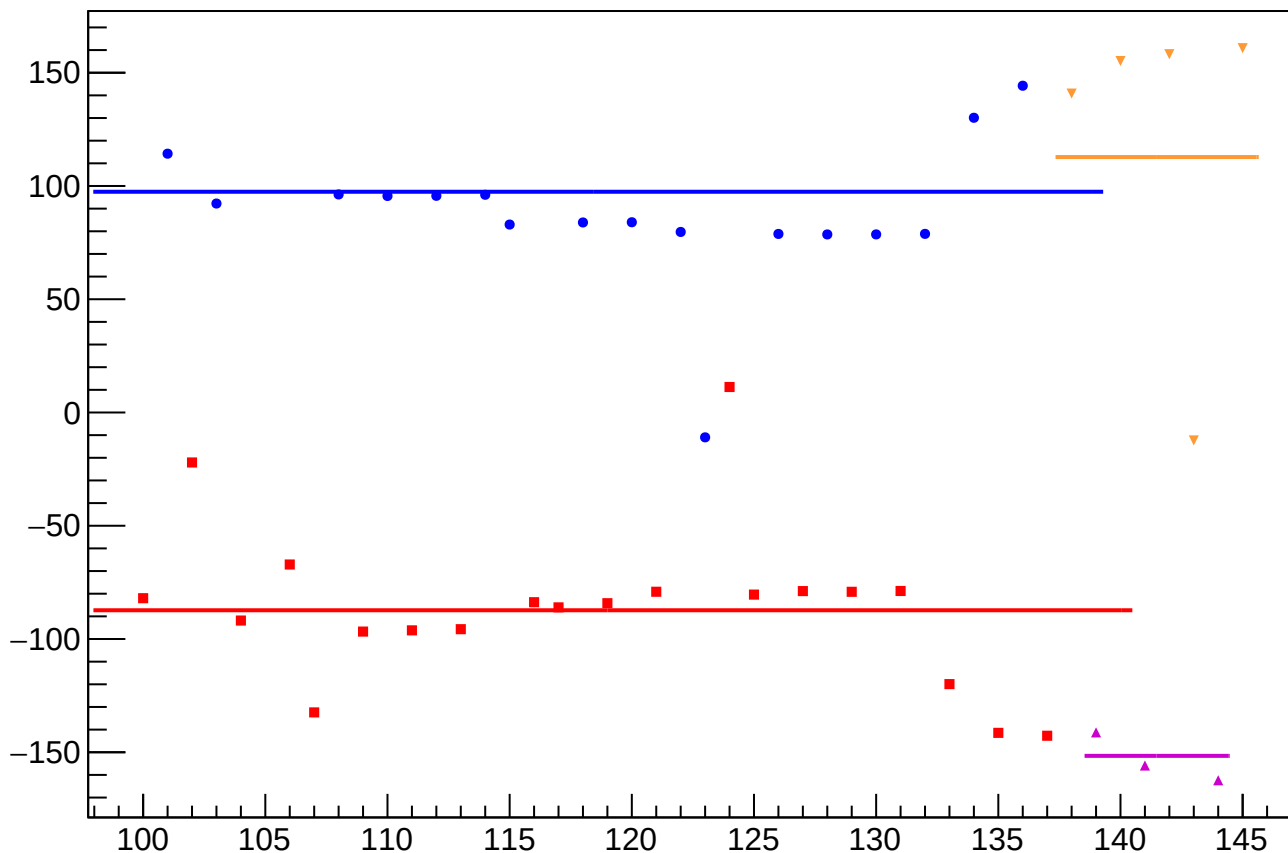
Left In: 87.960 $\pm$ 2.871 χ^2/NDF : 40.2/2

-77.254 $\pm$ 1.060 χ^2/NDF : 1217.4/21

-4.810 $\pm$ 0.767 χ^2/NDF : 11783.1/44

75.069 $\pm$ 1.113 χ^2/NDF : 737.4/22

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452+/-0.073 χ^2/NDF : 94476.4/16

Left Out: 112.775+/-0.100 χ^2/NDF : 505809.8/4

Right Out: -87.312+/-0.068 χ^2/NDF : 221838.4/19

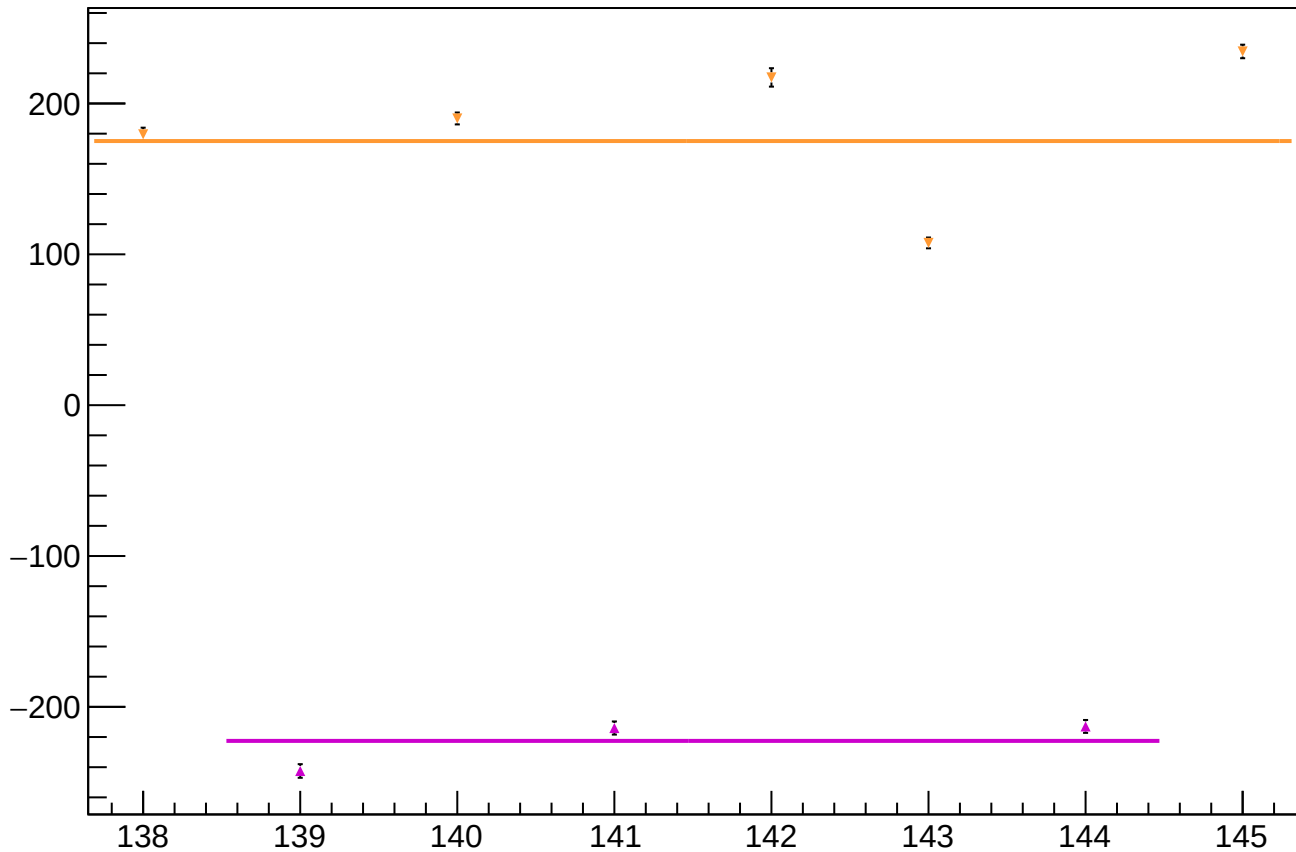
Left In: -151.584+/-0.123 χ^2/NDF : 5406.3/2

102.809+/-0.059 χ^2/NDF : 615581.2/21

1.019+/-0.042 χ^2/NDF : 7038592.0/44

-102.484+/-0.060 χ^2/NDF : 437094.8/22

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: 175.103+/-1.927 χ^2/NDF : 592.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

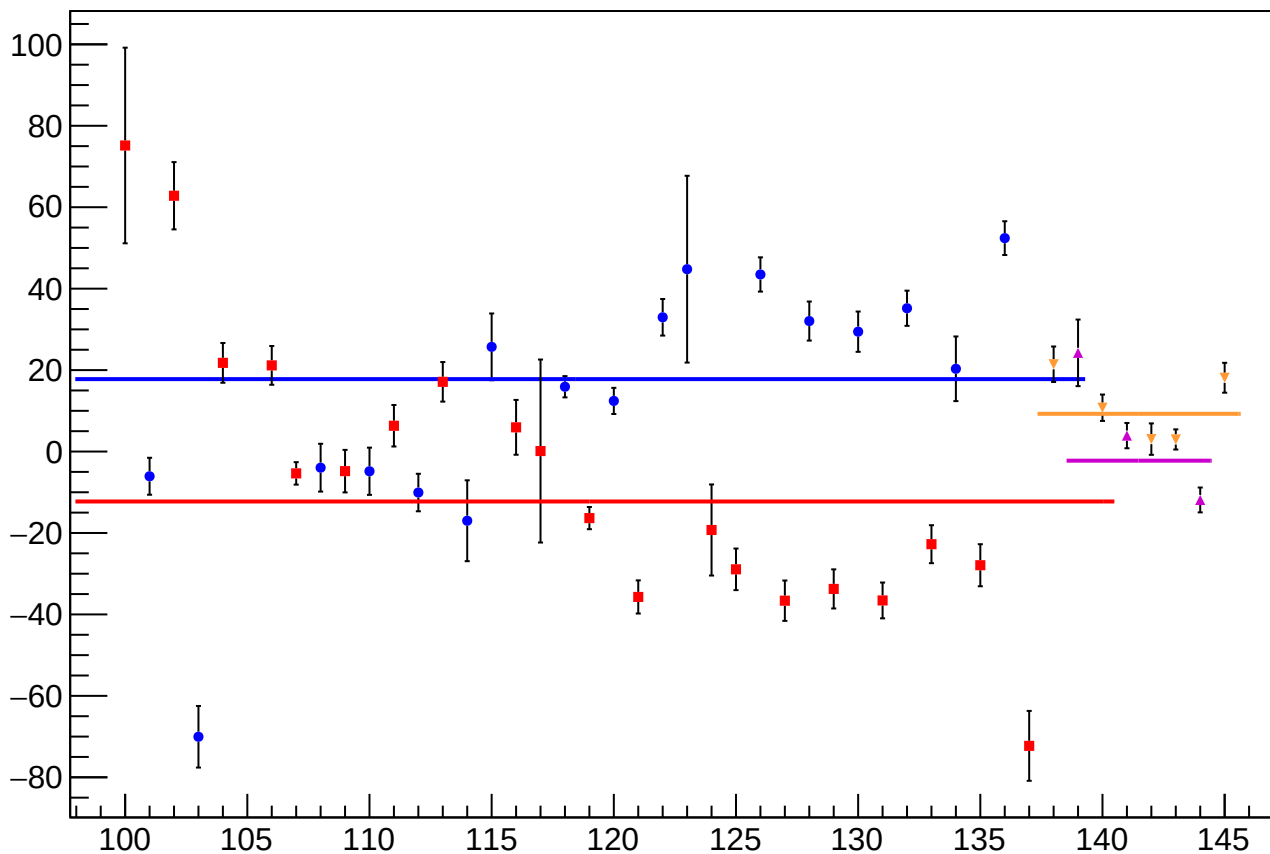
Left In: -222.561+/-2.531 χ^2/NDF : 28.3/2

175.103+/-1.927 χ^2/NDF : 592.5/4

29.164+/-1.533 χ^2/NDF : 16250.2/7

-222.561+/-2.531 χ^2/NDF : 28.3/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786 $\pm$ 1.146 χ^2/NDF : 395.1/16

Left Out: 9.264 $\pm$ 1.486 χ^2/NDF : 22.9/4

Right Out: -12.265 $\pm$ 1.085 χ^2/NDF : 444.0/19

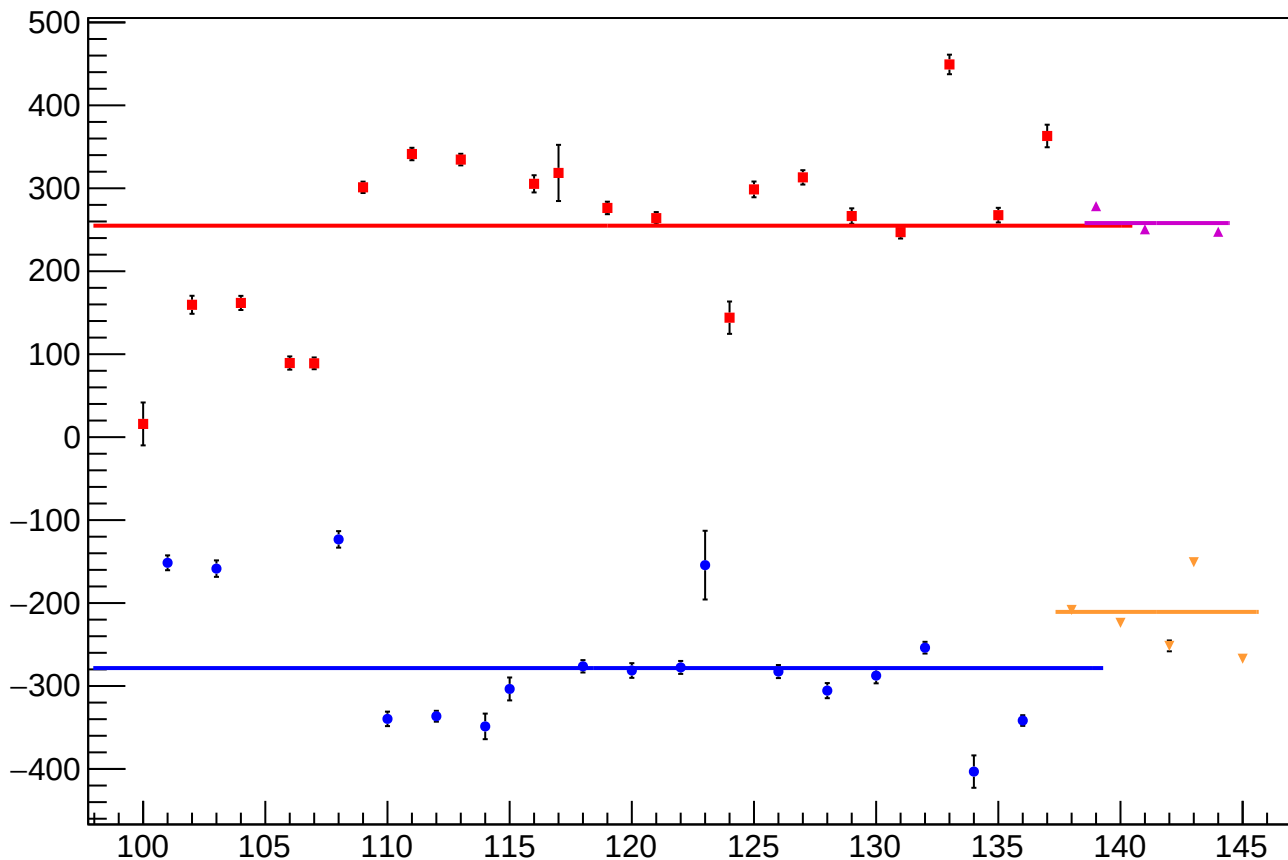
Left In: -2.243 $\pm$ 2.103 χ^2/NDF : 24.4/2

14.607 $\pm$ 0.908 χ^2/NDF : 438.7/21

2.968 $\pm$ 0.661 χ^2/NDF : 1274.9/44

-10.159 $\pm$ 0.964 χ^2/NDF : 486.4/22

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.393 ± 2.168 χ^2/NDF : 910.5/16

Left Out: -210.662 ± 2.059 χ^2/NDF : 434.9/4

Right Out: 254.929 ± 2.017 χ^2/NDF : 2042.0/19

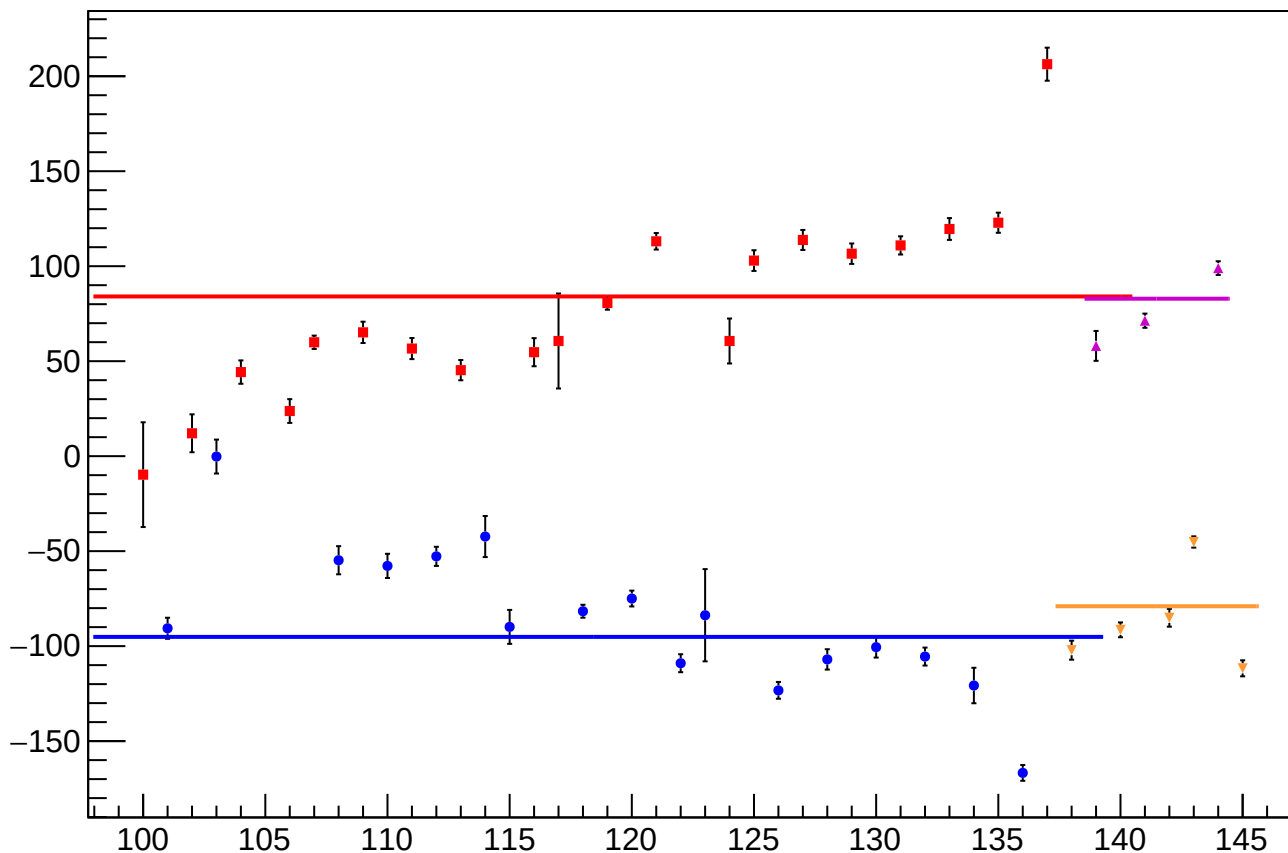
Left In: 258.086 ± 2.712 χ^2/NDF : 25.2/2

-242.790 ± 1.493 χ^2/NDF : 1858.6/21

-13.425 ± 1.097 χ^2/NDF : 55262.7/44

256.053 ± 1.618 χ^2/NDF : 2068.1/22

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.135+/-1.322 χ^2/NDF : 674.9/16

Left Out: -79.012+/-1.766 χ^2/NDF : 222.9/4

Right Out: 84.065+/-1.257 χ^2/NDF : 783.8/19

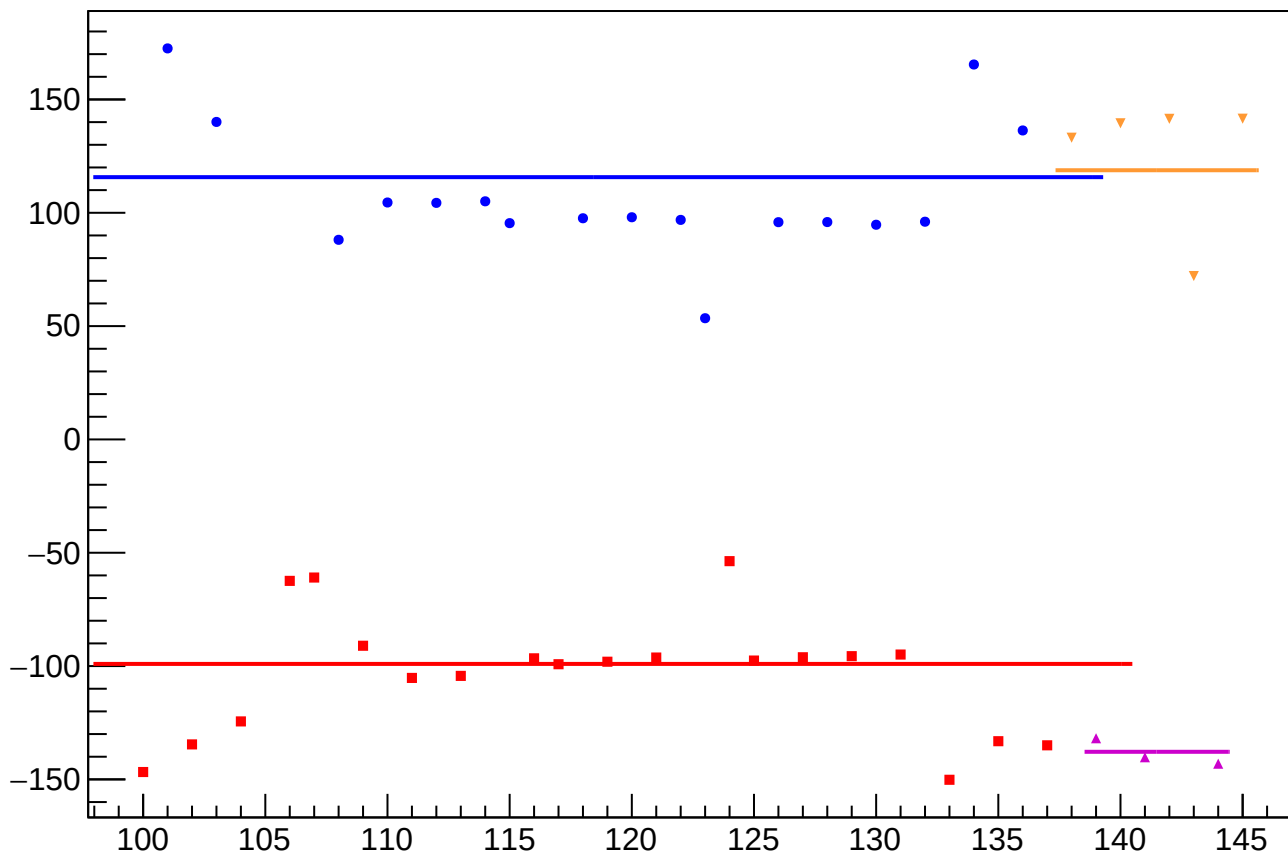
Left In: 82.891+/-2.469 χ^2/NDF : 39.4/2

-89.342+/-1.059 χ^2/NDF : 951.2/21

-7.656+/-0.769 χ^2/NDF : 14397.9/44

83.823+/-1.120 χ^2/NDF : 823.3/22

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724+/-0.078 χ^2/NDF : 106388.1/16

Left Out: 118.769+/-0.084 χ^2/NDF :133133.3/4

Right Out: -99.049+/-0.068 χ^2/NDF : 173463.3/19

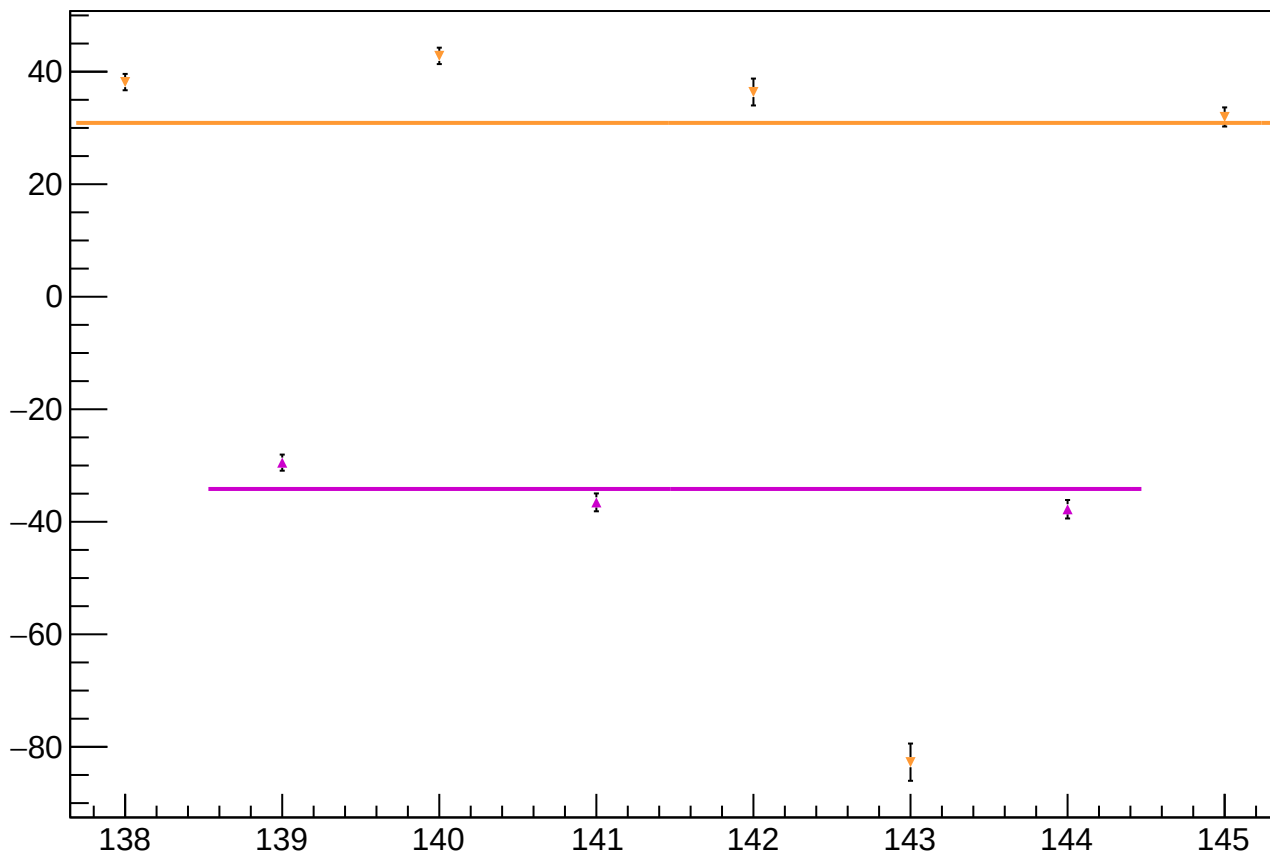
Left In: -137.827+/-0.107 χ^2/NDF :2048.0/2

117.138+/-0.057 χ^2/NDF : 240229.9/21

4.689+/-0.041 χ^2/NDF : 8358932.6/44

-110.260+/-0.058 χ^2/NDF : 268327.6/22

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: 30.897+/-0.801 χ^2/NDF :1275.2/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

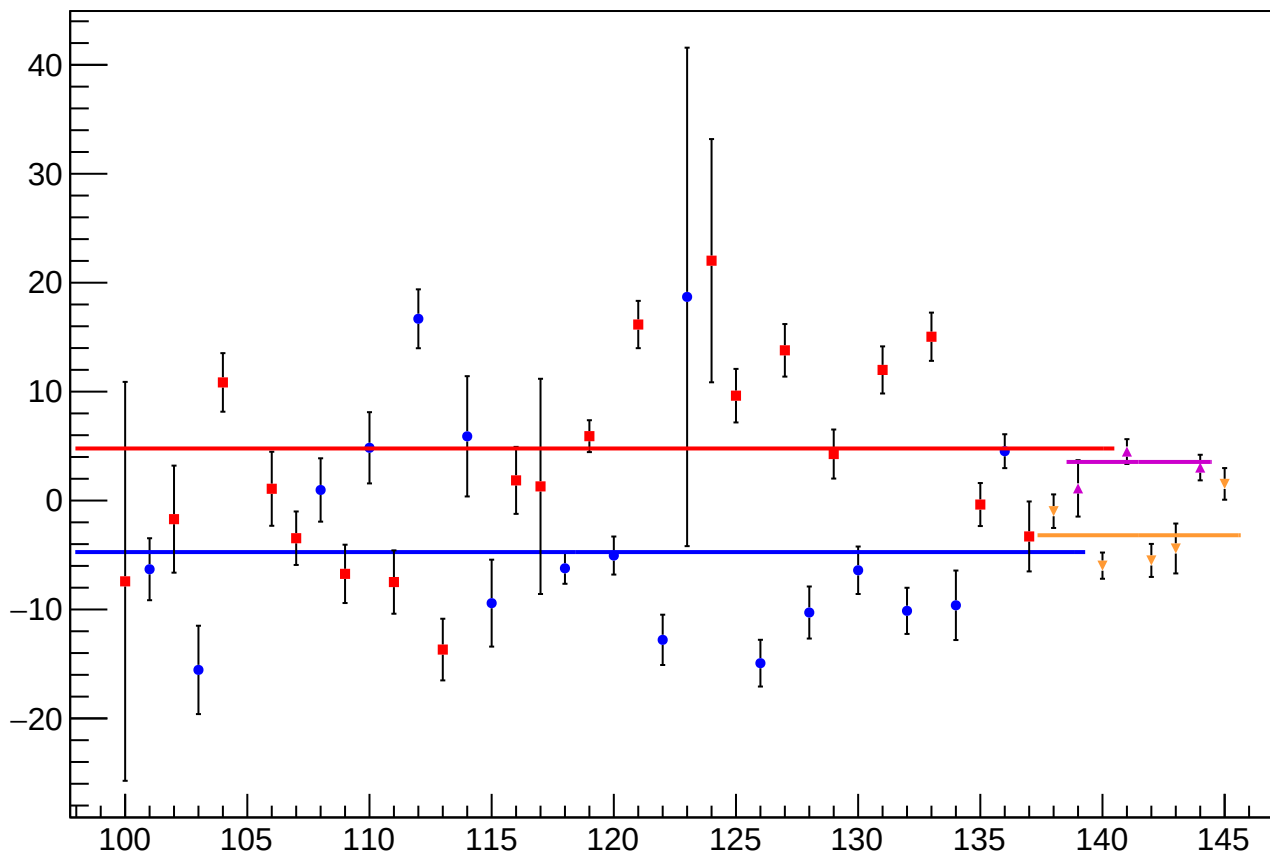
Left In: -34.165+/-0.893 χ^2/NDF :17.7/2

30.897+/-0.801 χ^2/NDF : 1275.2/4

1.867+/-0.596 χ^2/NDF : 4235.0/7

-34.165+/-0.893 χ^2/NDF : 17.7/2

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730+/-0.580 χ^2/NDF : 174.8/16

Left Out: -3.185+/-0.673 χ^2/NDF : 20.6/4

Right Out: 4.780+/-0.585 χ^2/NDF : 193.6/19

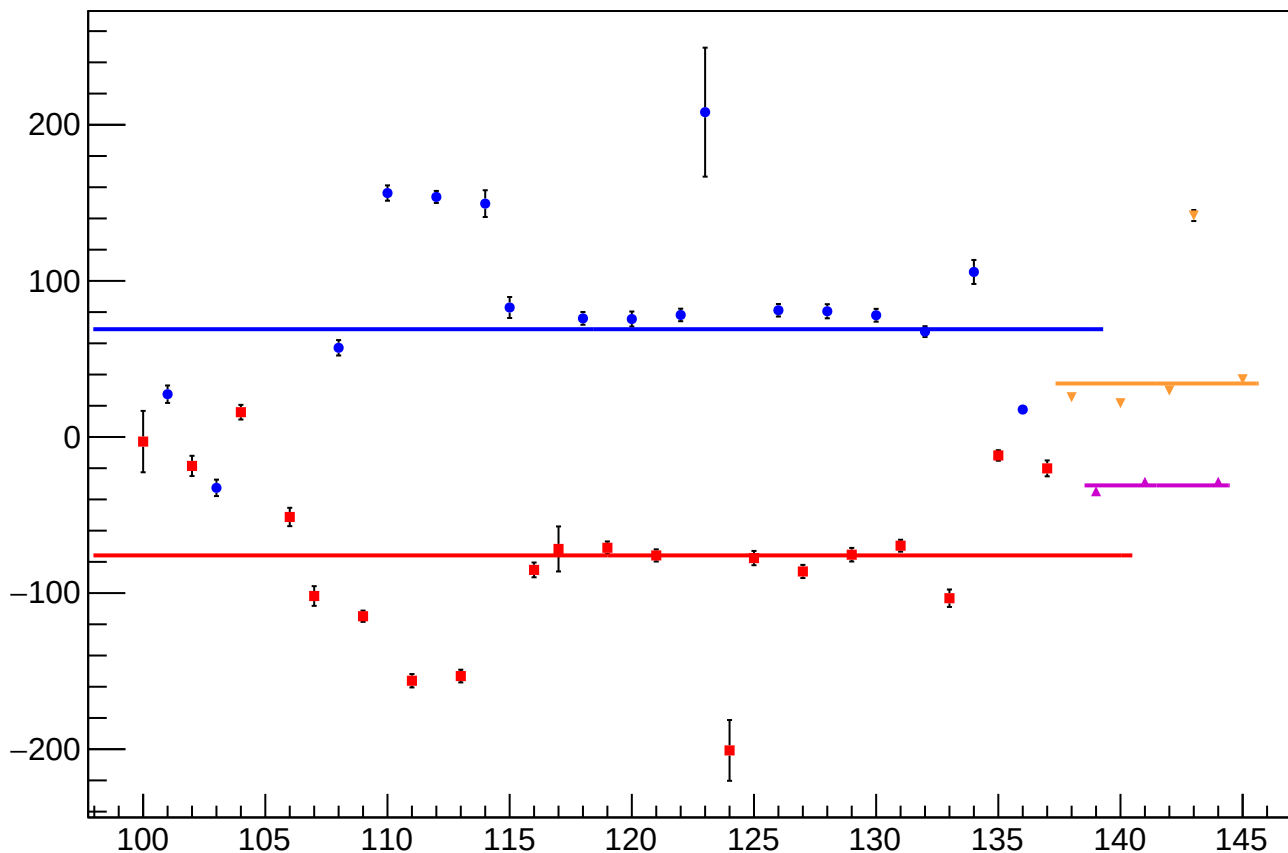
Left In: 3.545+/-0.779 χ^2/NDF : 1.8/2

-4.072+/-0.439 χ^2/NDF : 198.4/21

-0.133+/-0.320 χ^2/NDF : 567.2/44

4.336+/-0.468 χ^2/NDF : 197.0/22

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 69.048 ± 1.077 χ^2/NDF : 1847.9/16

Left Out: 34.265 ± 0.855 χ^2/NDF : 1030.0/4

Right Out: -75.855 ± 1.067 χ^2/NDF : 1895.1/19

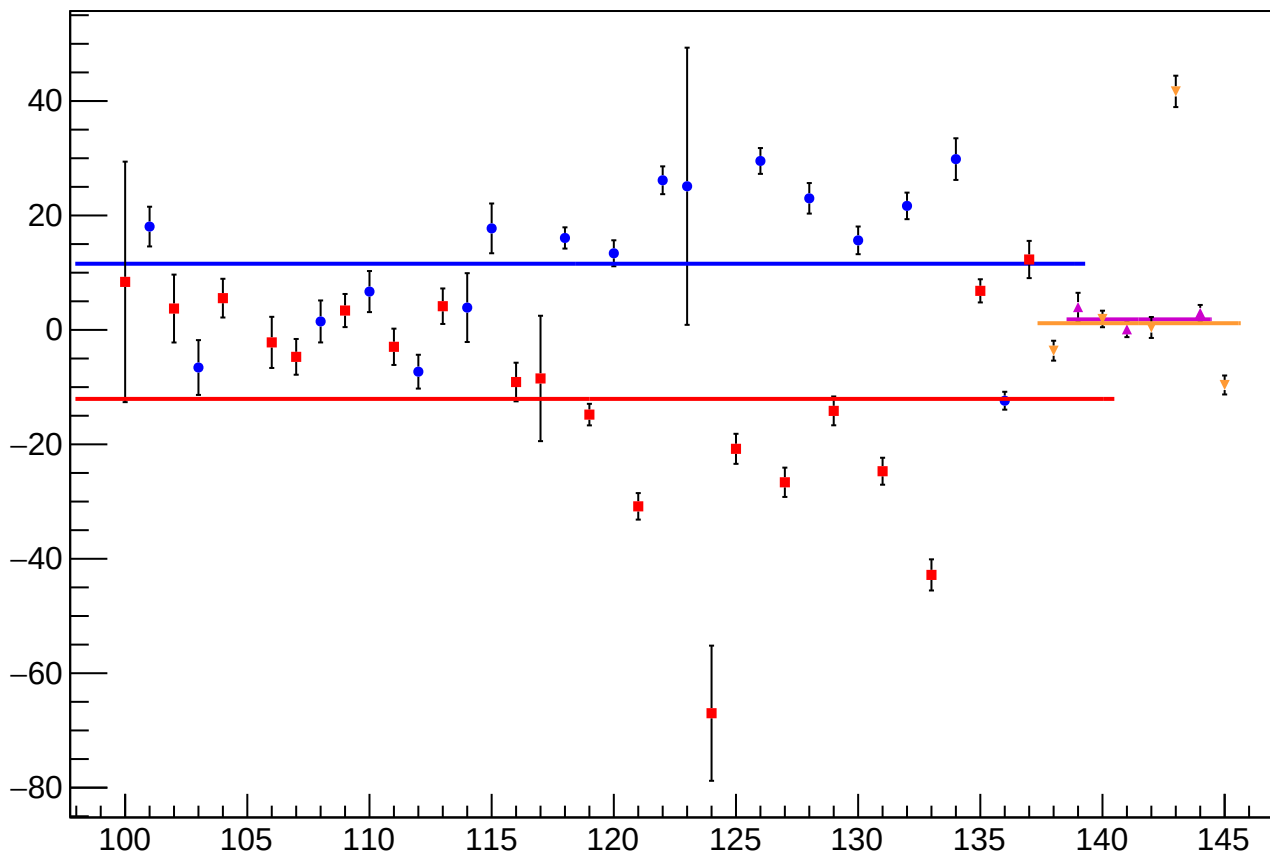
Left In: -31.008 ± 0.957 χ^2/NDF : 9.4/2

47.714 ± 0.669 χ^2/NDF : 3518.1/21

1.412 ± 0.488 χ^2/NDF : 16601.3/44

-51.018 ± 0.712 χ^2/NDF : 2883.6/22

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565 ± 0.658 $\chi^2/\text{NDF}: 478.2/16$

Left Out: 1.170 ± 0.789 $\chi^2/\text{NDF}: 268.7/4$

Right Out: -12.058 ± 0.663 $\chi^2/\text{NDF}: 543.4/19$

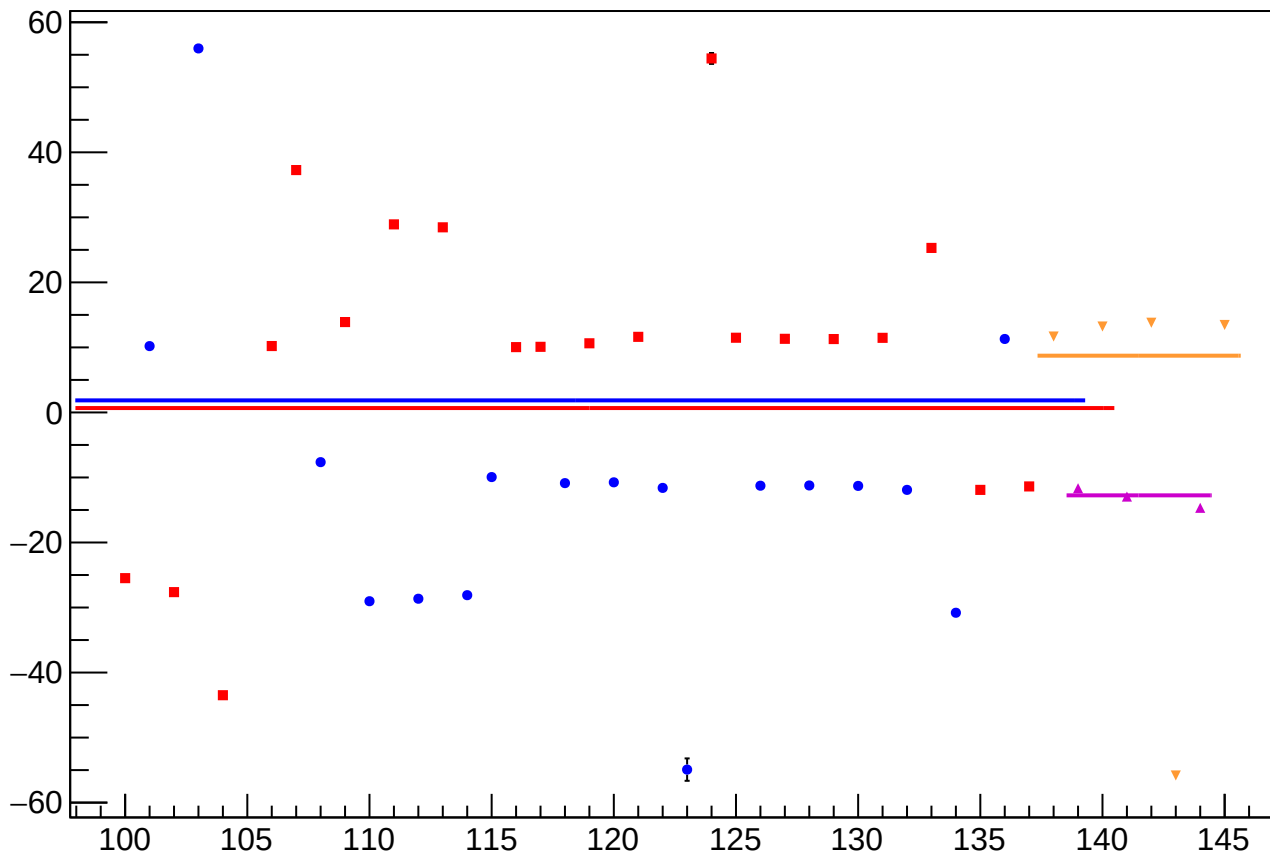
Left In: 1.840 ± 0.907 $\chi^2/\text{NDF}: 3.0/2$

7.301 ± 0.506 $\chi^2/\text{NDF}: 849.2/21$

0.459 ± 0.368 $\chi^2/\text{NDF}: 1937.2/44$

-7.216 ± 0.535 $\chi^2/\text{NDF}: 699.4/22$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.037 χ^2/NDF : 359414.1/16

Left Out: 8.728+/-0.035 χ^2/NDF : 221684.5/4

Right Out: 0.673+/-0.037 χ^2/NDF : 361828.1/19

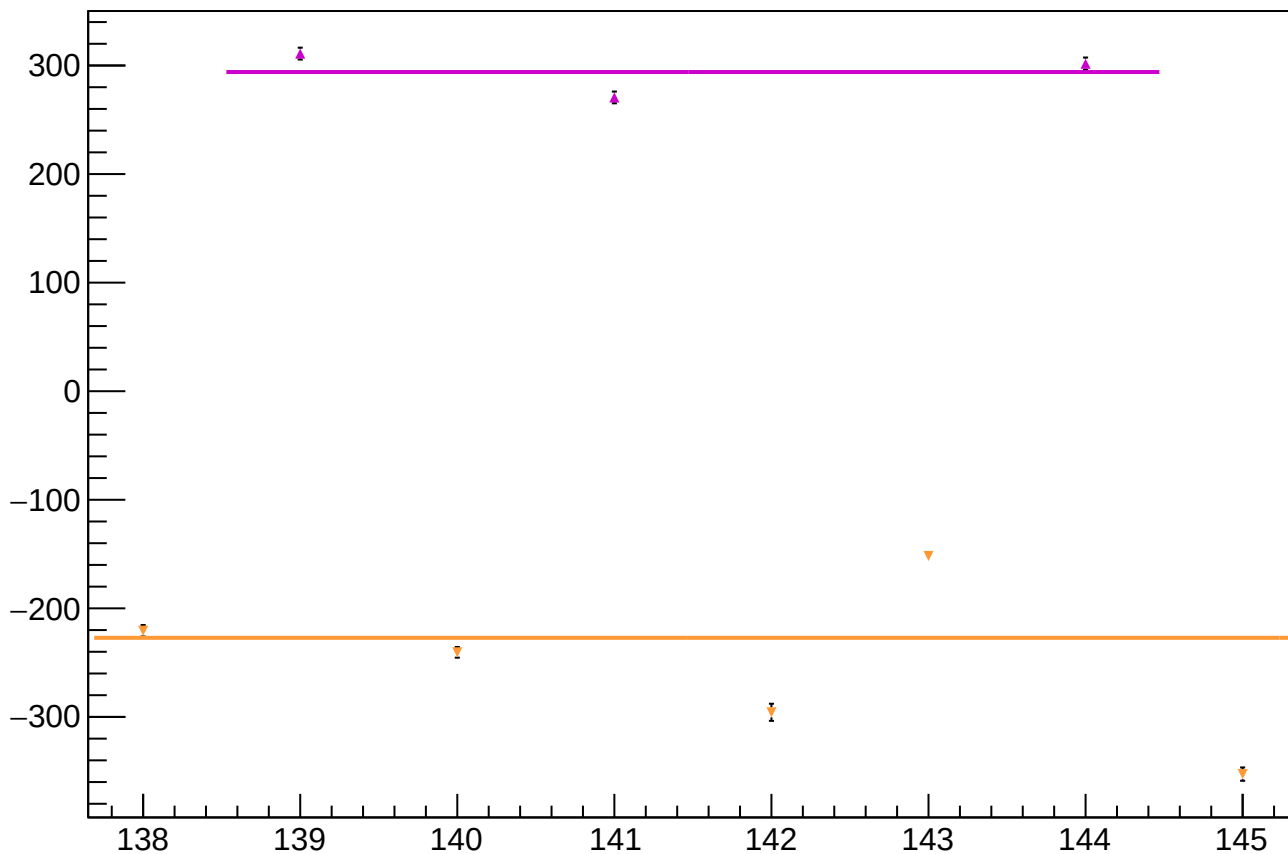
Left In: -12.750+/-0.037 χ^2/NDF : 1028.0/2

5.523+/-0.025 χ^2/NDF : 599513.2/21

-0.010+/-0.018 χ^2/NDF : 1127480.7/44

-5.987+/-0.026 χ^2/NDF : 428187.1/22

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: -227.137+/-2.342 χ^2/NDF : 857.3/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

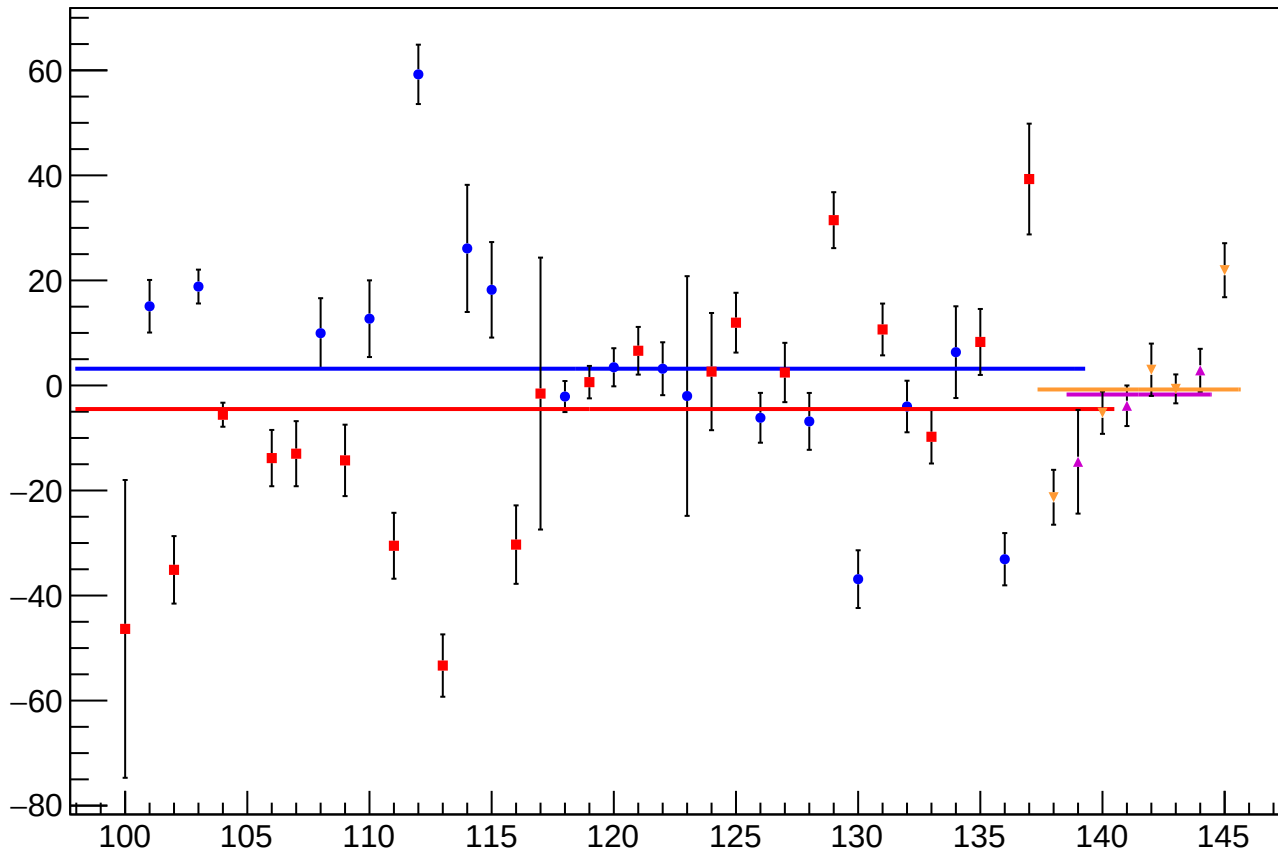
Left In: 293.987+/-3.203 χ^2/NDF : 29.9/2

-227.137+/-2.342 χ^2/NDF : 857.3/4

-45.542+/-1.891 χ^2/NDF : 18136.3/7

293.987+/-3.203 χ^2/NDF : 29.9/2

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188 ± 1.225 χ^2/NDF : 255.6/16

Left Out: -0.766 ± 1.801 χ^2/NDF : 36.7/4

Right Out: -4.492 ± 1.158 χ^2/NDF : 225.4/19

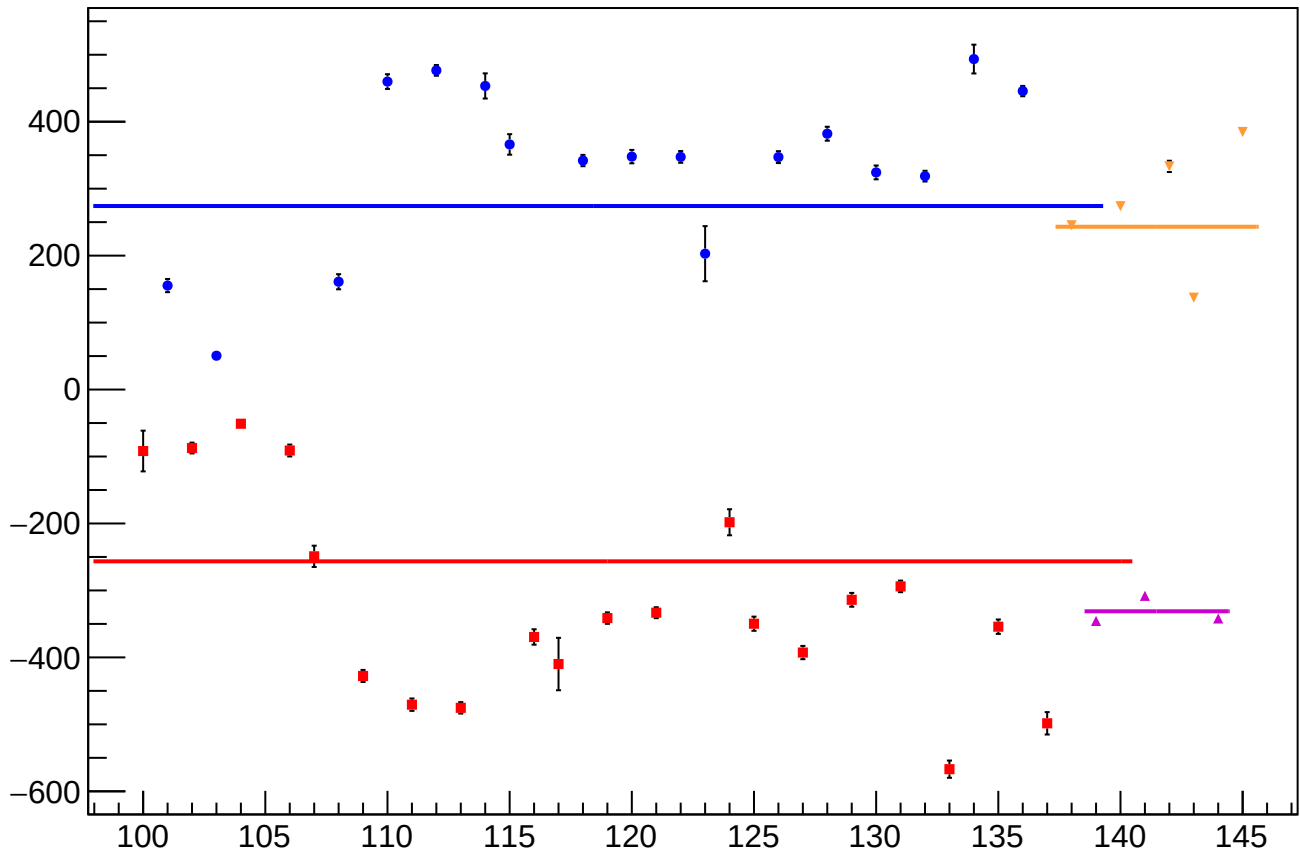
Left In: -1.725 ± 2.702 χ^2/NDF : 3.3/2

1.937 ± 1.013 χ^2/NDF : 295.6/21

-0.913 ± 0.734 χ^2/NDF : 541.9/44

-4.062 ± 1.065 χ^2/NDF : 229.6/22

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 274.079 $\pm$ 2.191 χ^2/NDF : 5112.0/16

Left Out: 243.125 $\pm$ 2.500 χ^2/NDF : 1247.7/4

Right Out: -256.542 $\pm$ 2.077 χ^2/NDF : 6459.5/19

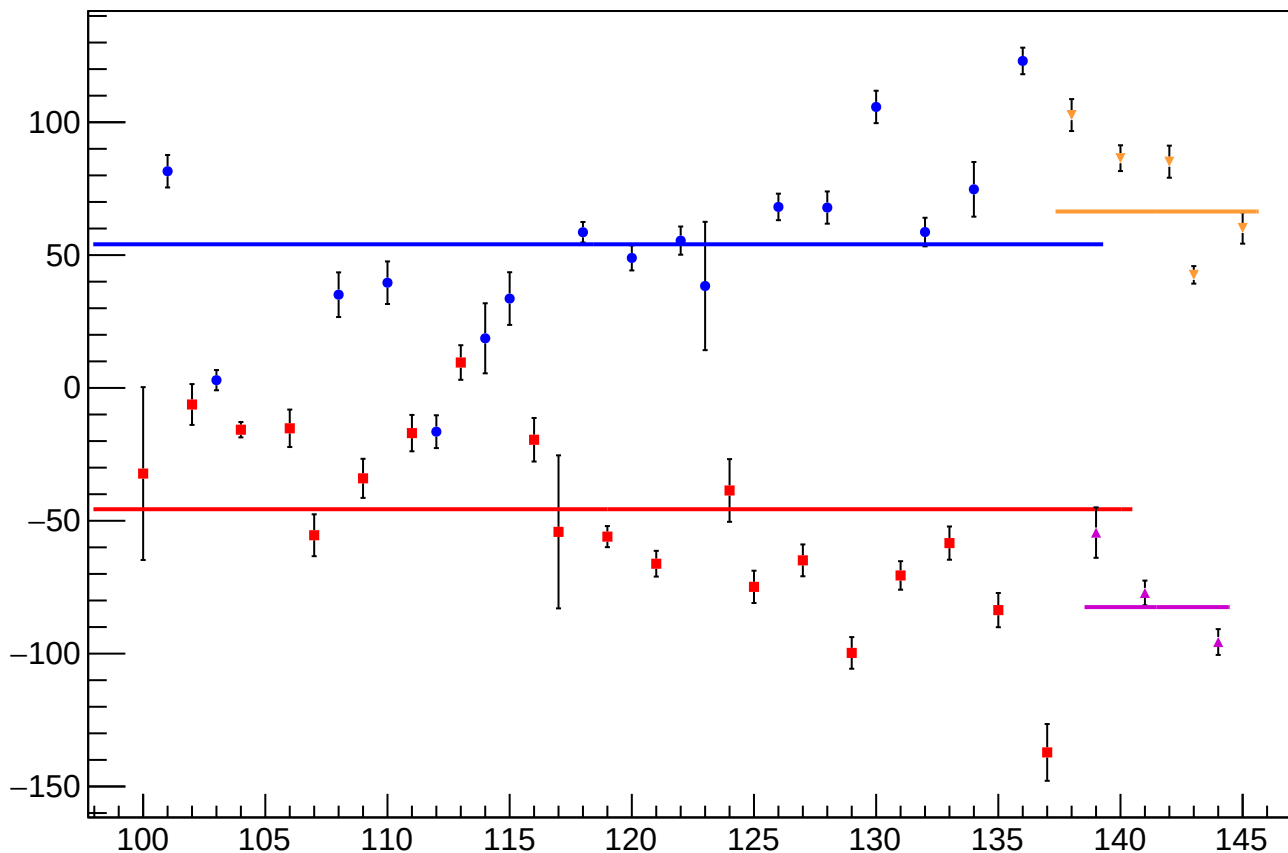
Left In: -331.138 $\pm$ 3.433 χ^2/NDF : 24.9/2

260.634 $\pm$ 1.648 χ^2/NDF : 6446.3/21

12.315 $\pm$ 1.208 χ^2/NDF : 62403.2/44

-276.535 $\pm$ 1.777 χ^2/NDF : 6830.0/22

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065+/-1.421 χ^2/NDF : 634.4/16

Left Out: 66.411+/-2.143 χ^2/NDF :116.4/4

Right Out: -45.656+/-1.358 χ^2/NDF : 530.9/19

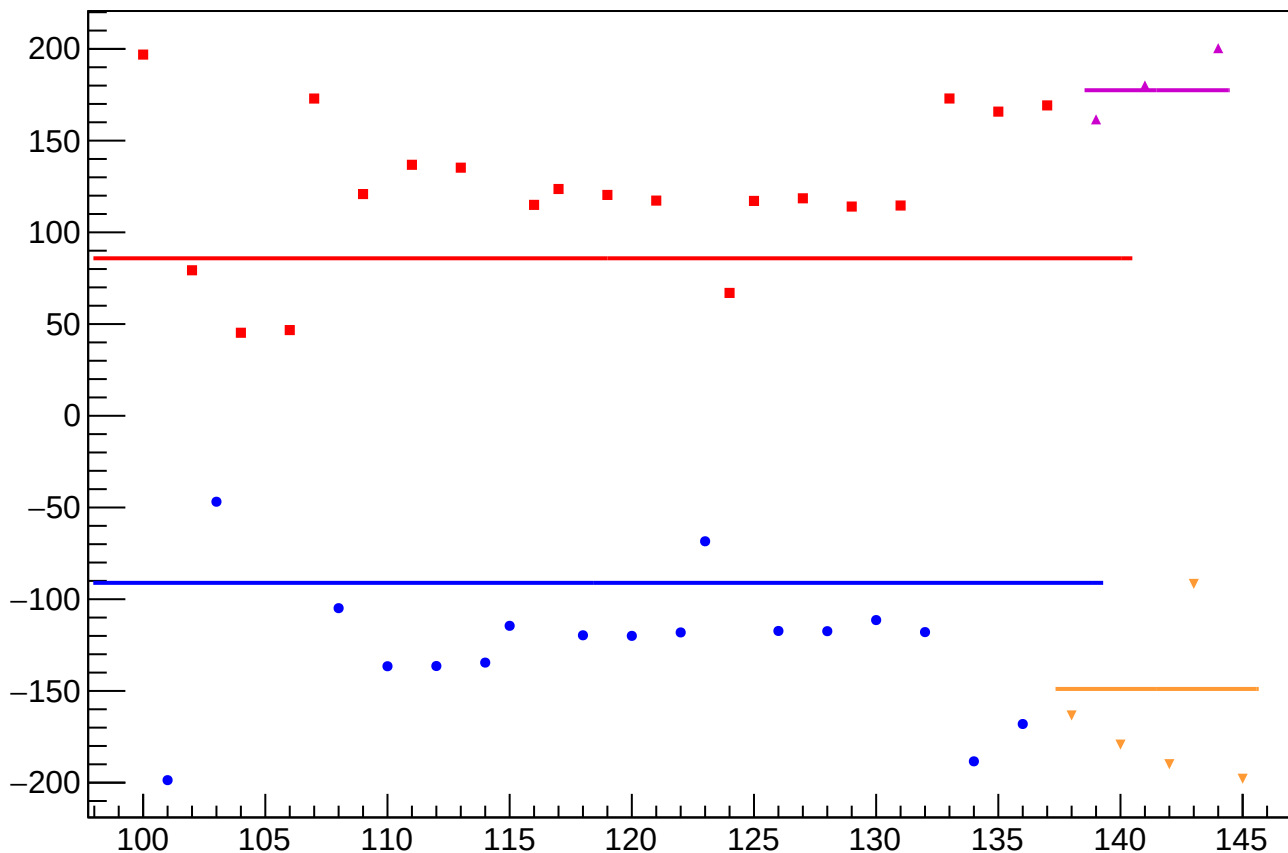
Left In: -82.494+/-3.168 χ^2/NDF :17.3/2

57.834+/-1.184 χ^2/NDF : 773.8/21

6.097+/-0.859 χ^2/NDF : 5466.4/44

-51.369+/-1.248 χ^2/NDF : 662.4/22

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074+/-0.068 χ^2/NDF : 534647.5/16

Left Out: -148.910+/-0.102 χ^2/NDF : 185344.3/4

Right Out: 85.852+/-0.065 χ^2/NDF : 496339.6/19

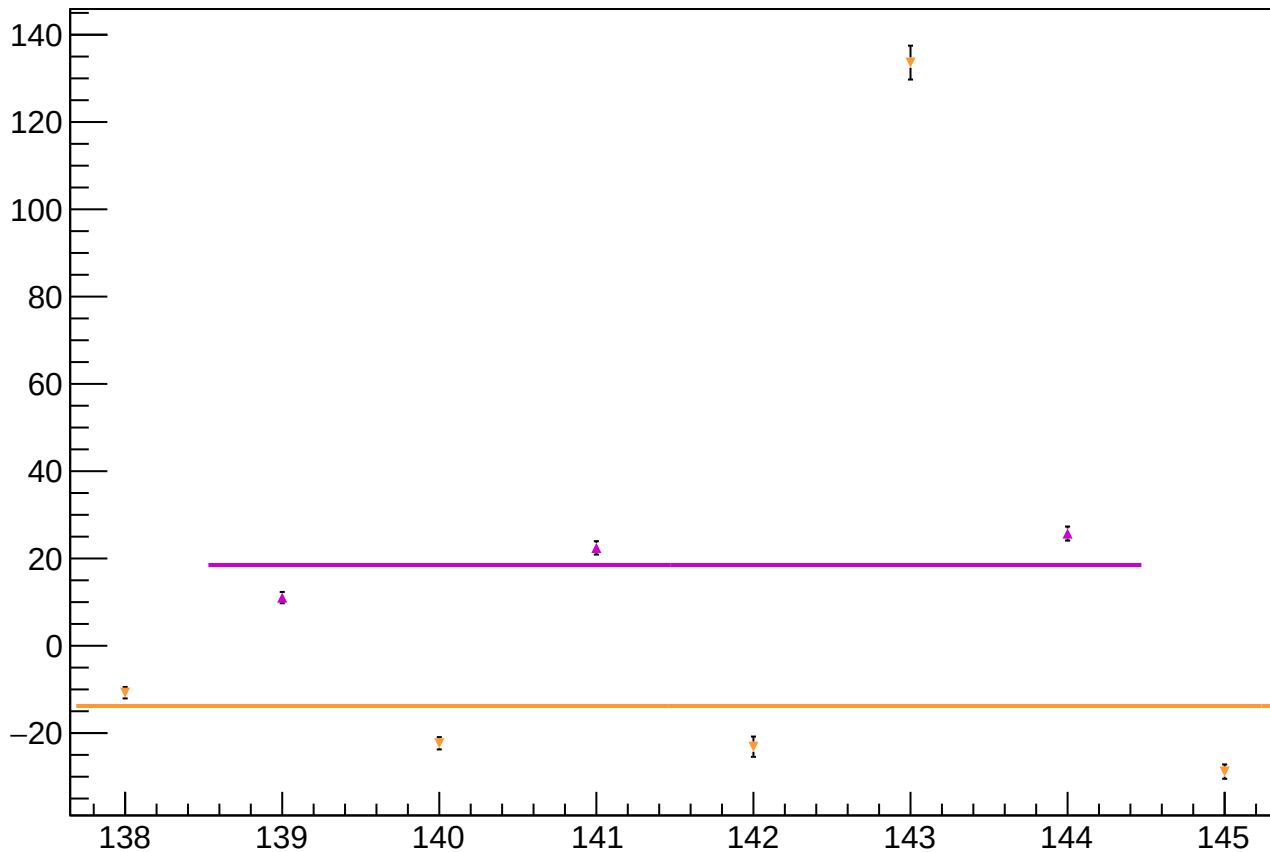
Left In: 177.475+/-0.135 χ^2/NDF : 13143.6/2

-108.757+/-0.056 χ^2/NDF : 944256.0/21

-7.039+/-0.041 χ^2/NDF : 8635290.5/44

103.118+/-0.059 χ^2/NDF : 883920.1/22

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: -13.797+/-0.766 χ^2/NDF :1584.0/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

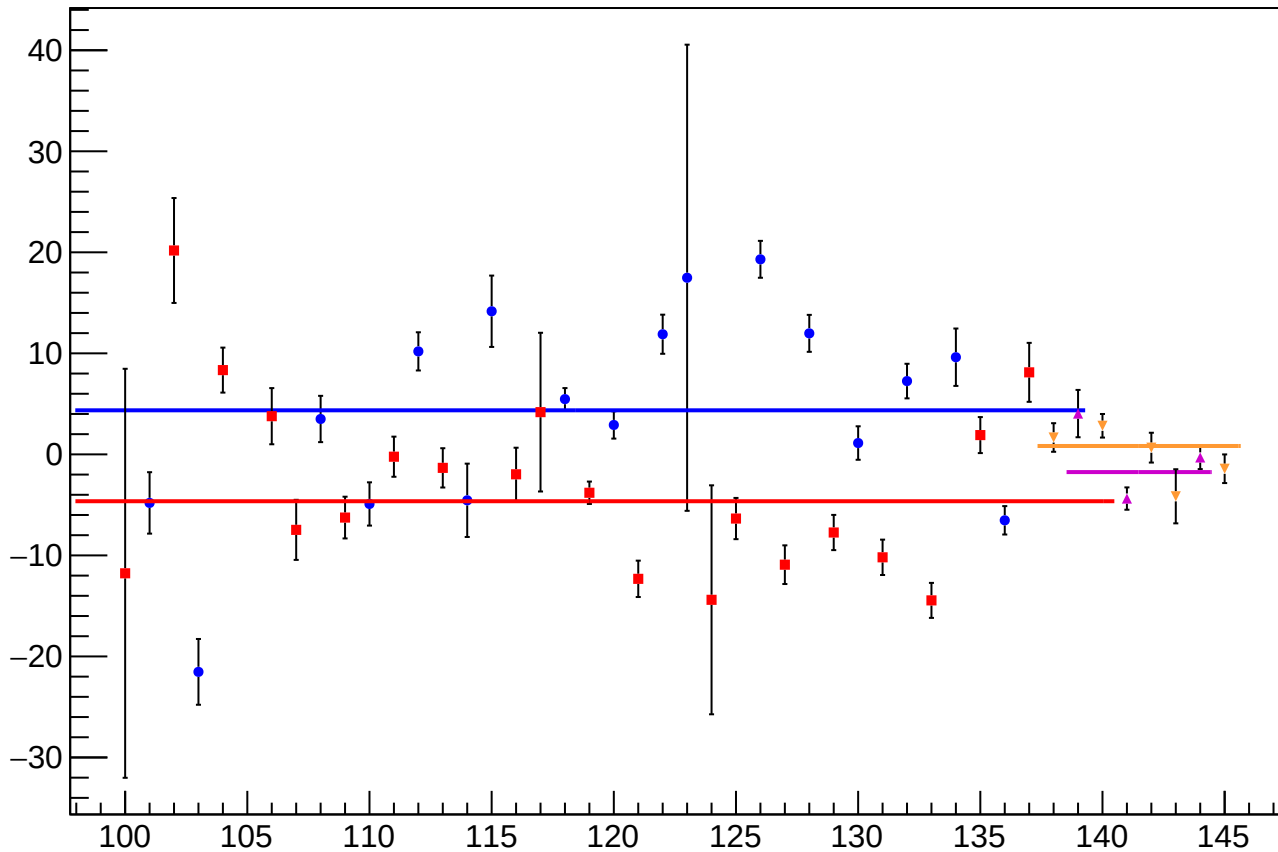
Left In: 18.506+/-0.844 χ^2/NDF :59.8/2

-13.797+/-0.766 χ^2/NDF : 1584.0/4

0.797+/-0.567 χ^2/NDF : 2446.7/7

18.506+/-0.844 χ^2/NDF : 59.8/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361 ± 0.464 $\chi^2/\text{NDF}: 286.5/16$

Left Out: 0.830 ± 0.655 $\chi^2/\text{NDF}: 9.3/4$

Right Out: -4.638 ± 0.473 $\chi^2/\text{NDF}: 186.6/19$

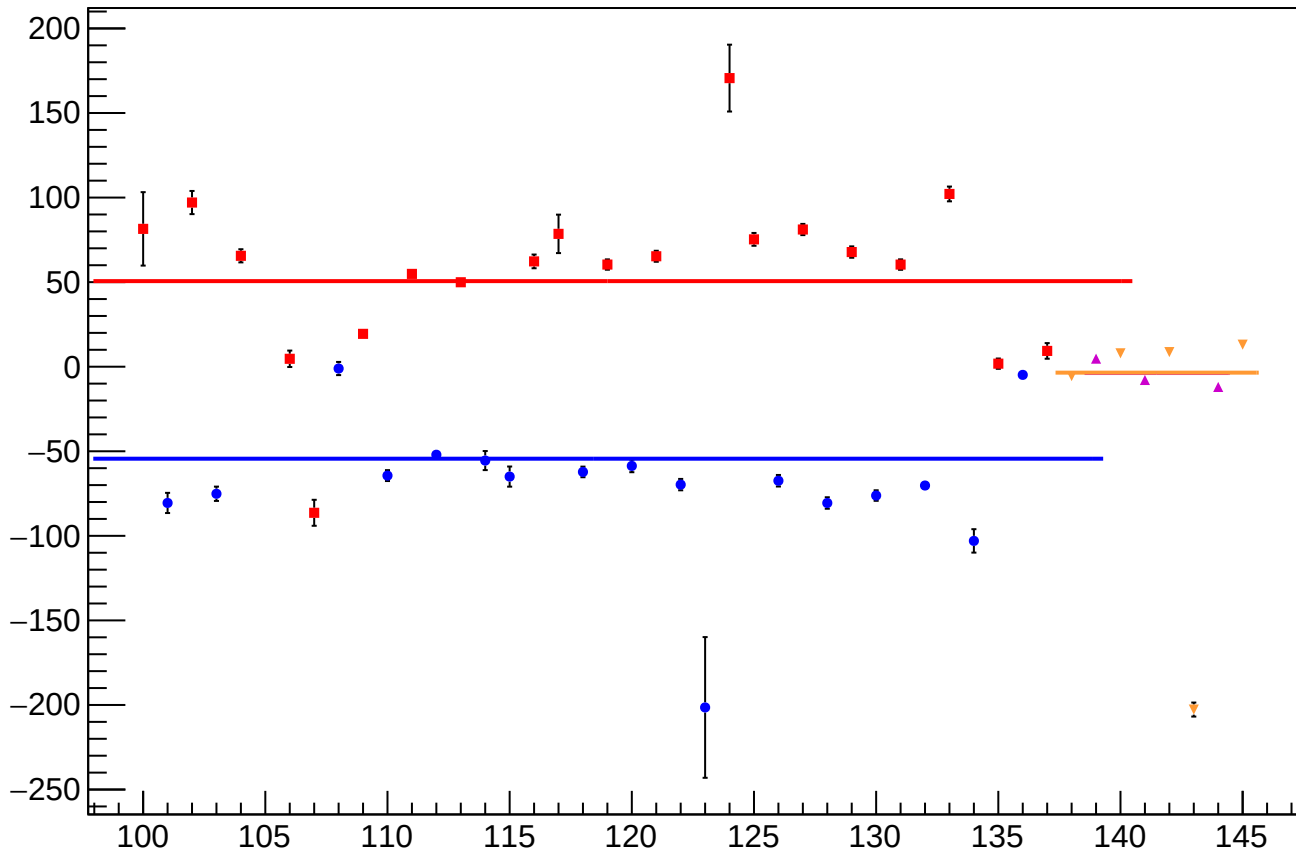
Left In: -1.753 ± 0.754 $\chi^2/\text{NDF}: 13.3/2$

3.180 ± 0.379 $\chi^2/\text{NDF}: 315.1/21$

-0.123 ± 0.275 $\chi^2/\text{NDF}: 686.8/44$

-3.823 ± 0.401 $\chi^2/\text{NDF}: 210.5/22$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392+/-0.863 χ^2/NDF : 1013.4/16

Left Out: -3.510+/-0.818 χ^2/NDF : 2489.2/4

Right Out: 50.600+/-0.855 χ^2/NDF : 1330.8/19

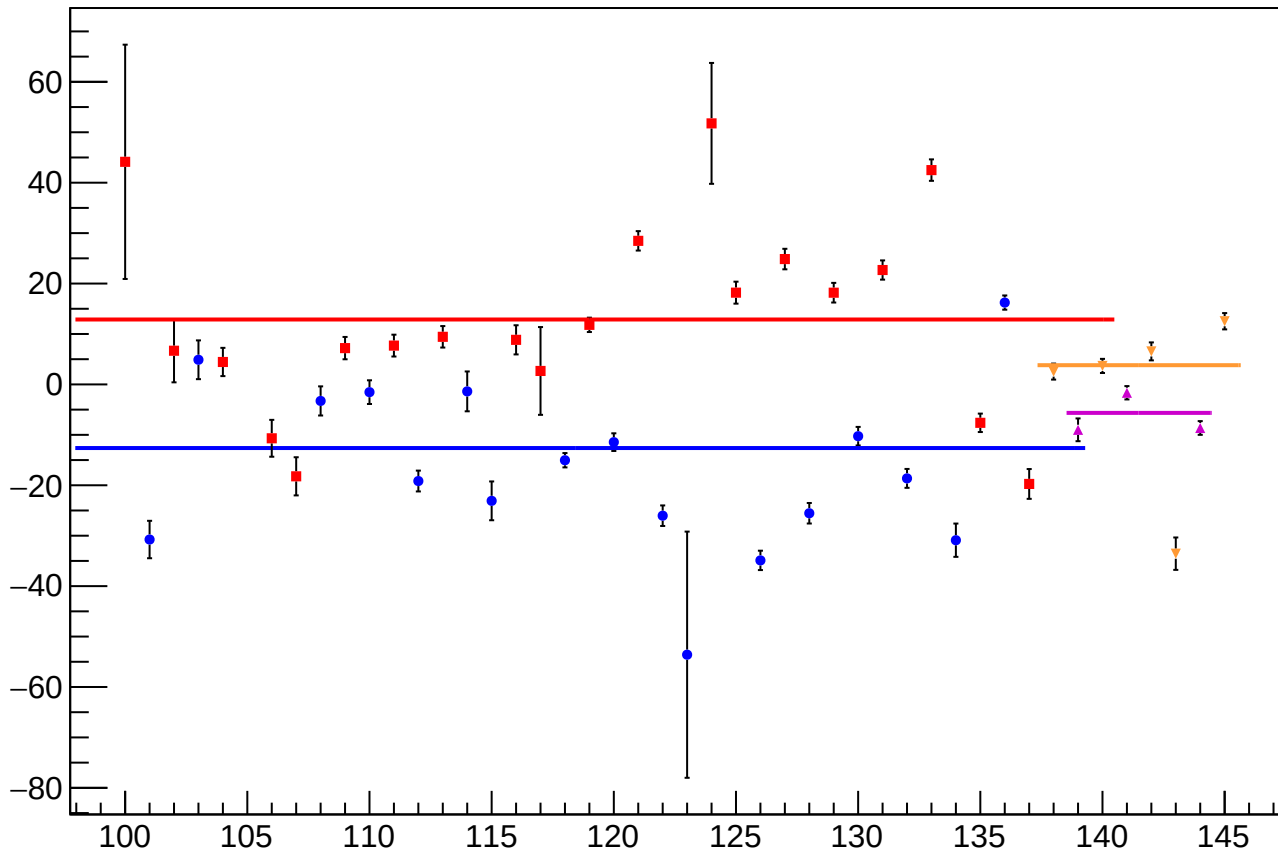
Left In: -3.736+/-0.906 χ^2/NDF : 65.9/2

-27.598+/-0.593 χ^2/NDF : 5335.2/21

-2.523+/-0.429 χ^2/NDF : 12379.6/44

24.997+/-0.622 χ^2/NDF : 3299.8/22

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.616±/0.530 χ^2/NDF : 788.2/16

Left Out: 3.812±/0.767 χ^2/NDF : 167.5/4

Right Out: 12.873±/0.537 χ^2/NDF : 731.6/19

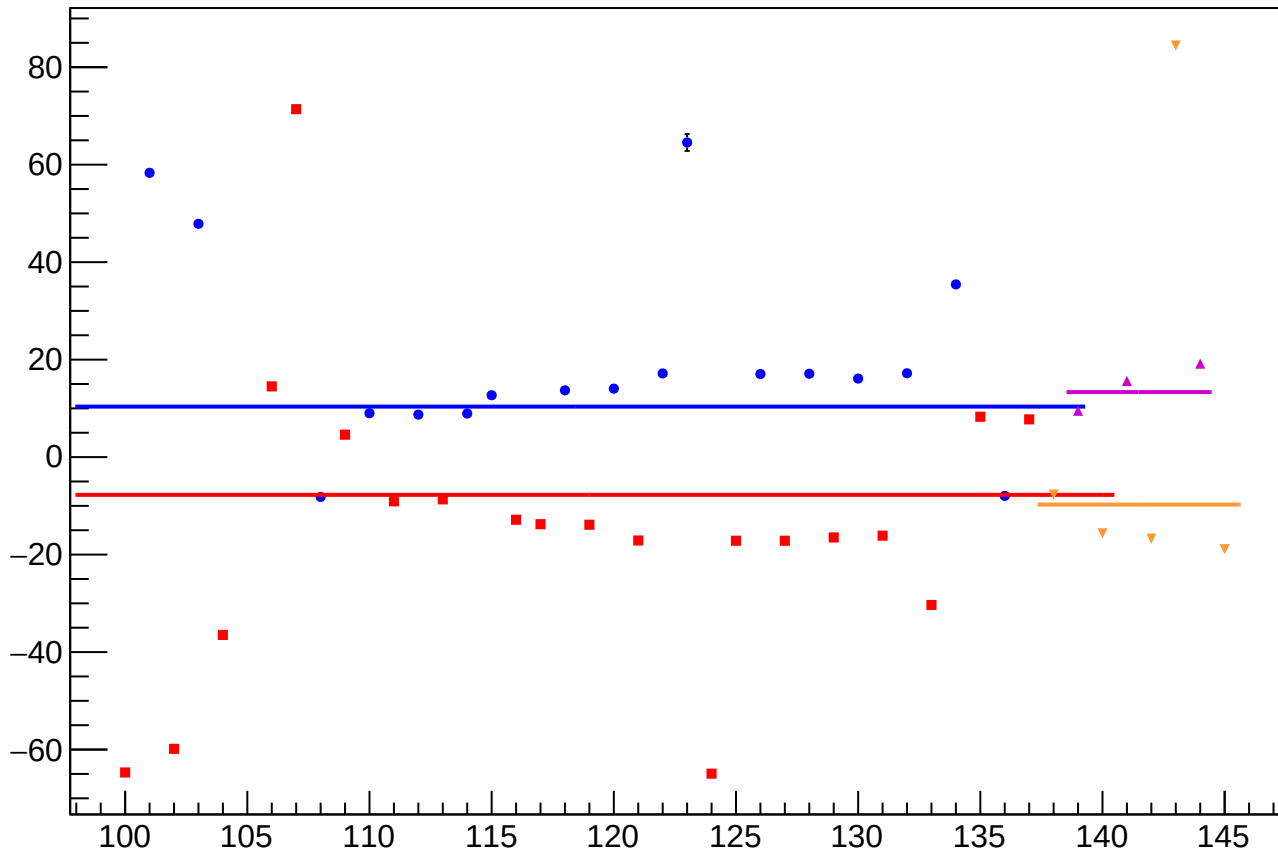
Left In: -5.646±/0.875 χ^2/NDF : 16.1/2

-7.301±/0.436 χ^2/NDF : 1266.4/21

-0.116±/0.316 χ^2/NDF : 2910.3/44

7.801±/0.458 χ^2/NDF : 1073.2/22

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.366+/-0.031 χ^2/NDF : 381003.5/16

Left Out: -9.736+/-0.033 χ^2/NDF : 354314.0/4

Right Out: -7.741+/-0.031 χ^2/NDF : 545218.7/19

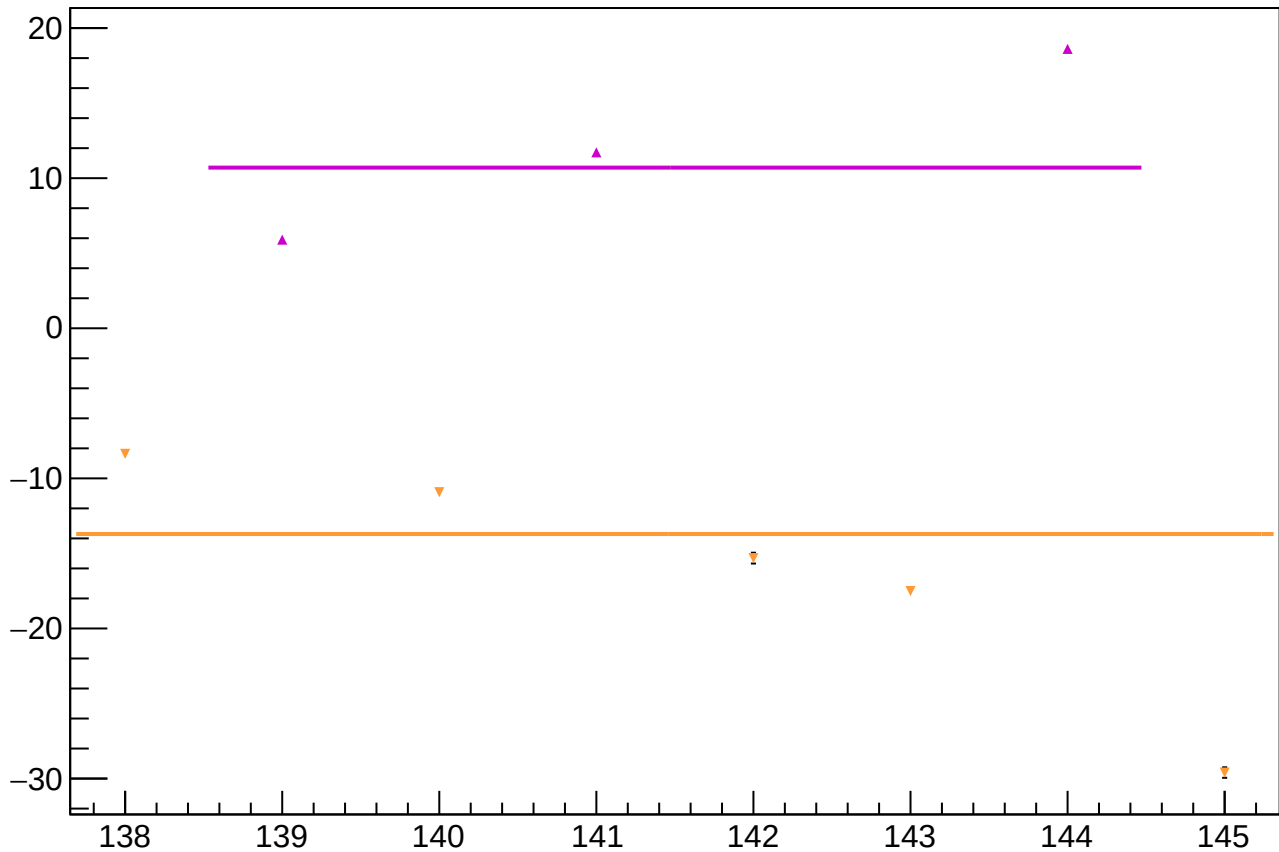
Left In: 13.340+/-0.035 χ^2/NDF : 13206.6/2

1.093+/-0.022 χ^2/NDF : 935220.7/21

1.330+/-0.016 χ^2/NDF : 1695853.1/44

1.585+/-0.023 χ^2/NDF : 760400.3/22

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: -13.707+/-0.120 χ^2/NDF : 3075.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

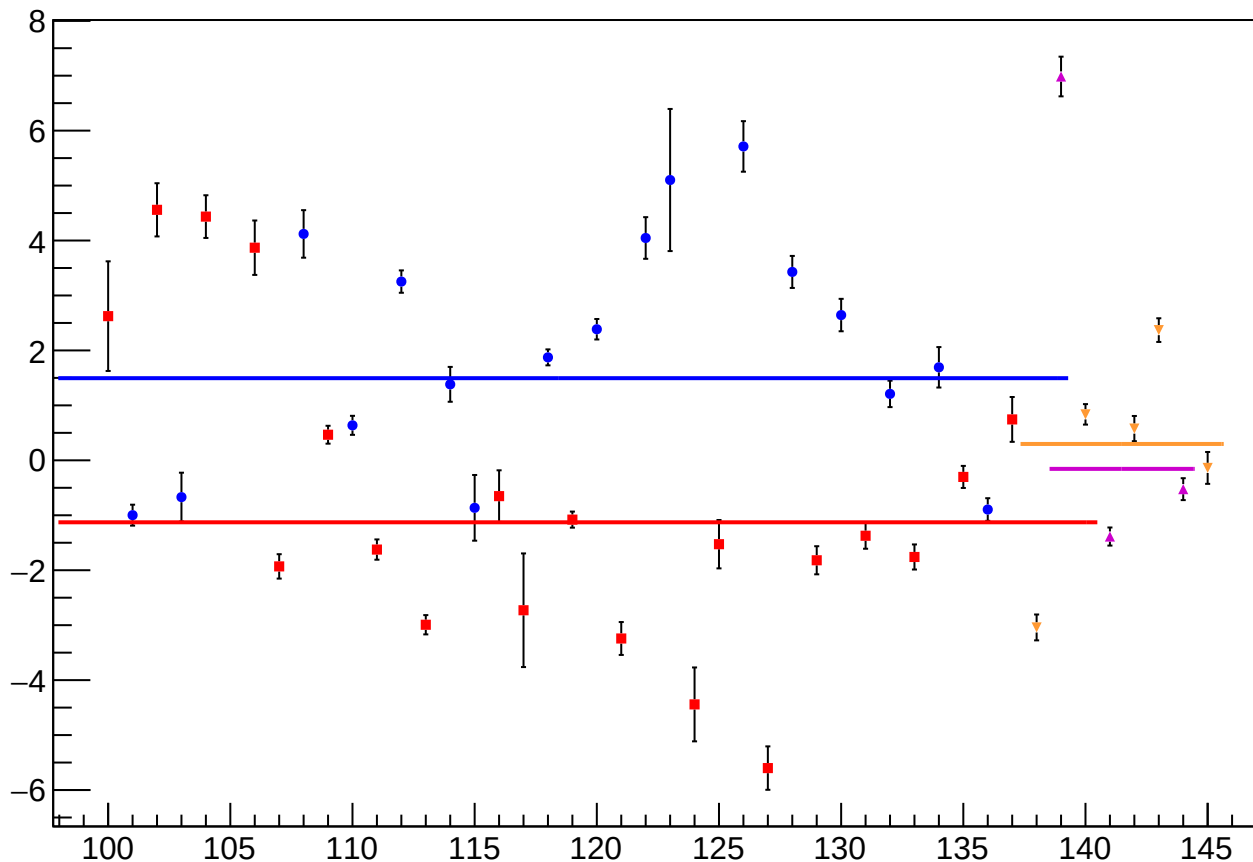
Left In: 10.703+/-0.132 χ^2/NDF : 1396.7/2

-13.707+/-0.120 χ^2/NDF : 3075.5/4

-2.750+/-0.089 χ^2/NDF : 23183.9/7

10.703+/-0.132 χ^2/NDF : 1396.7/2

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 ± 0.061 $\chi^2/\text{NDF}: 708.8/16$

Left Out: 0.298 ± 0.100 $\chi^2/\text{NDF}: 305.7/4$

Right Out: -1.128 ± 0.058 $\chi^2/\text{NDF}: 948.9/19$

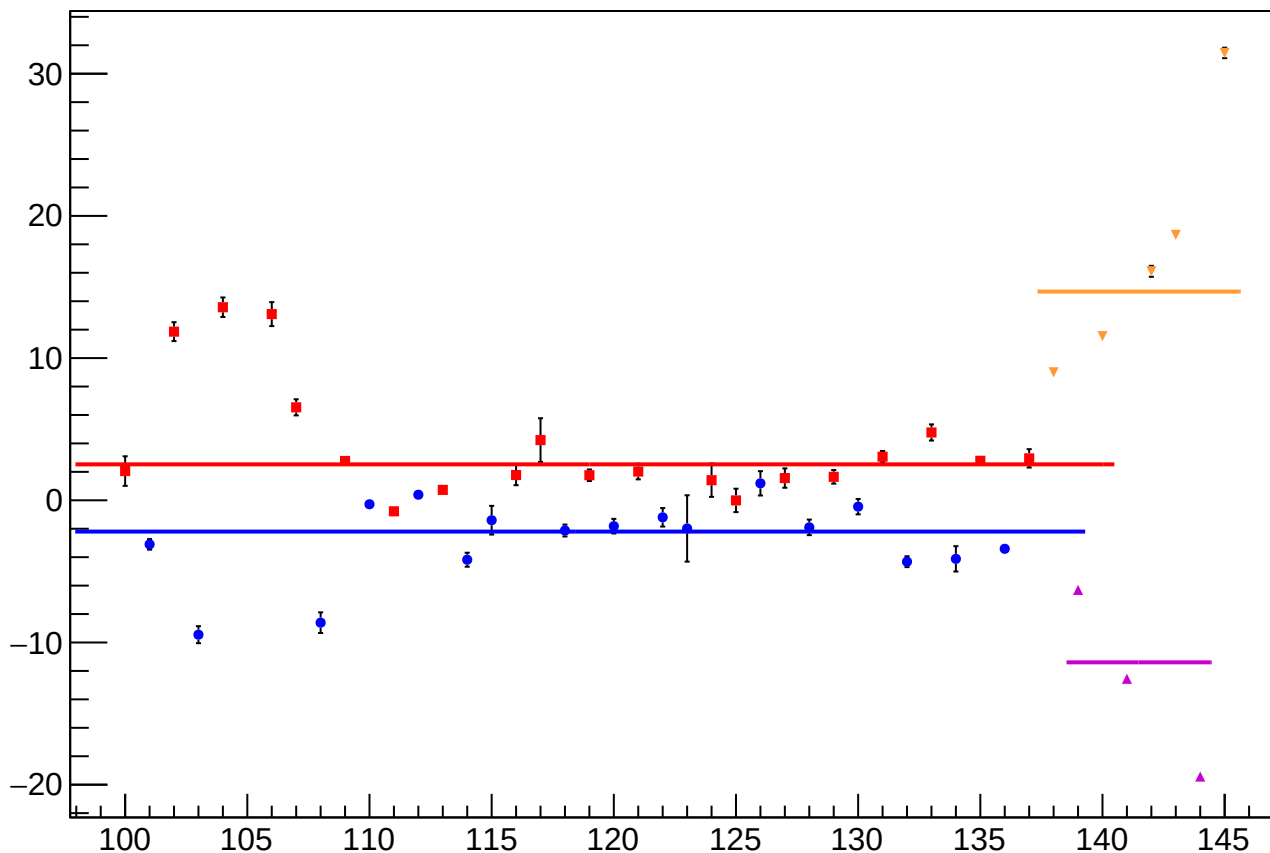
Left In: -0.156 ± 0.120 $\chi^2/\text{NDF}: 450.5/2$

1.172 ± 0.052 $\chi^2/\text{NDF}: 1118.3/21$

0.117 ± 0.037 $\chi^2/\text{NDF}: 3390.4/44$

-0.942 ± 0.052 $\chi^2/\text{NDF}: 1452.8/22$

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.200 ± 0.111 χ^2/NDF : 461.0/16

Left Out: 14.680 ± 0.128 χ^2/NDF : 3049.8/4

Right Out: 2.527 ± 0.099 χ^2/NDF : 904.5/19

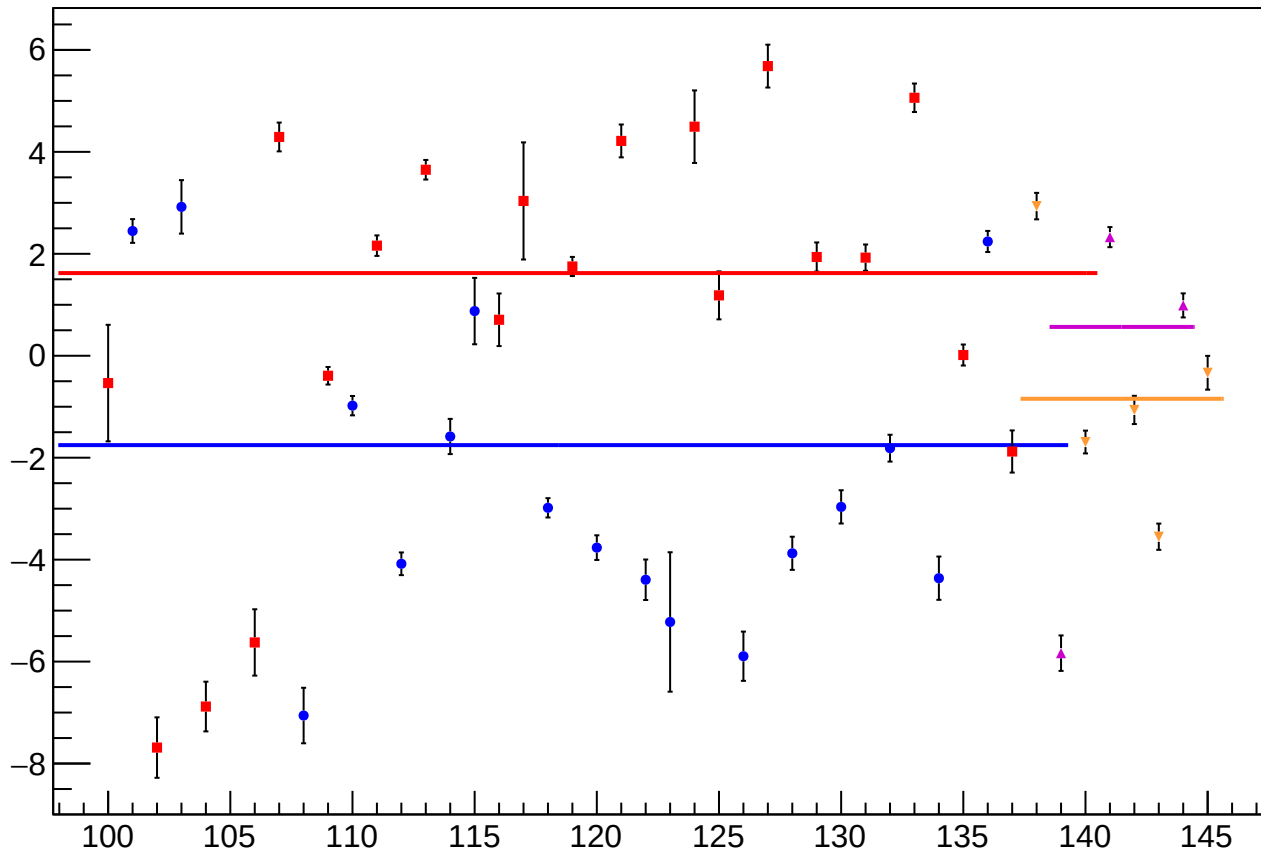
Left In: -11.396 ± 0.142 χ^2/NDF : 1300.2/2

5.003 ± 0.084 χ^2/NDF : 13452.8/21

1.386 ± 0.058 χ^2/NDF : 25748.1/44

-2.007 ± 0.081 χ^2/NDF : 8679.1/22

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.070 χ^2/NDF : 1345.0/16

Left Out: -0.844+/-0.118 χ^2/NDF : 339.7/4

Right Out: 1.622+/-0.066 χ^2/NDF : 1489.1/19

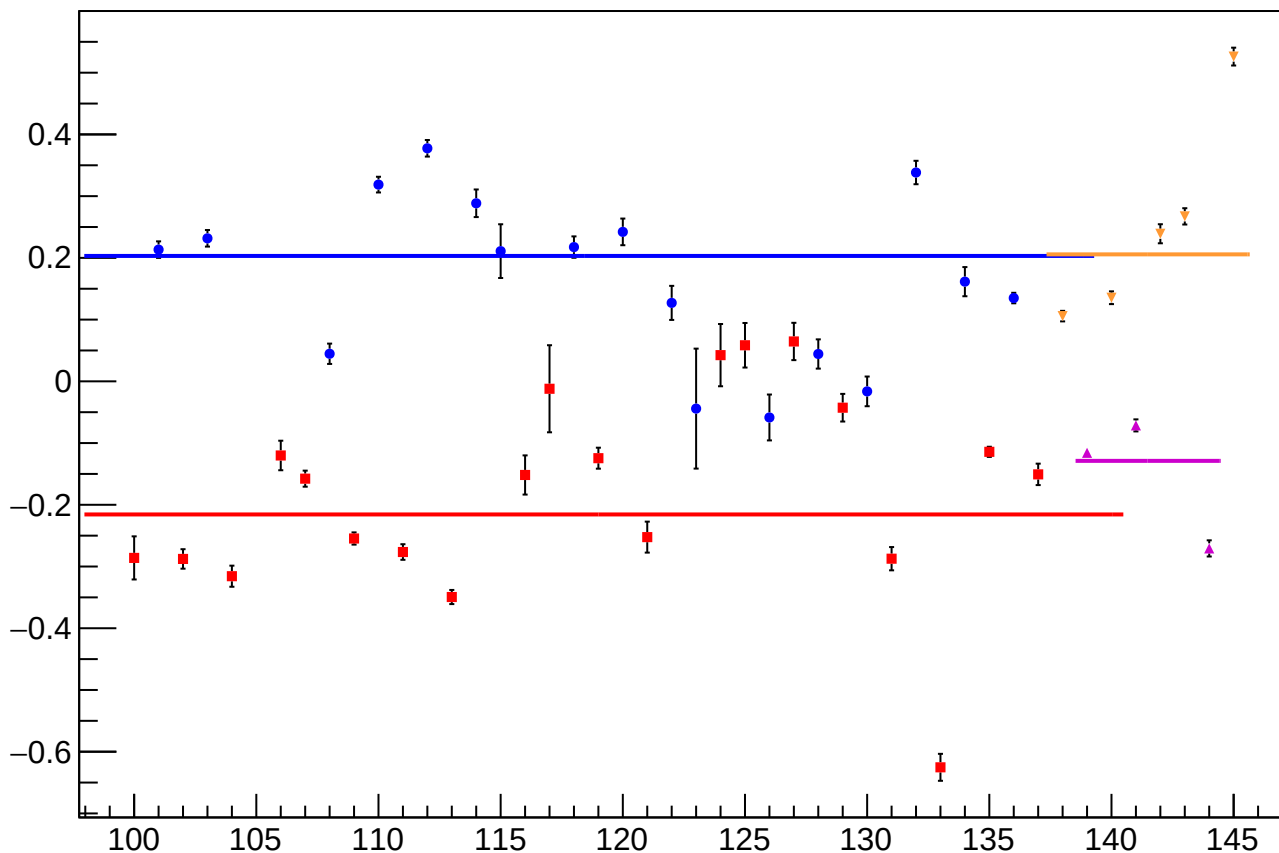
Left In: 0.566+/-0.139 χ^2/NDF : 421.5/2

-1.514+/-0.060 χ^2/NDF : 1728.6/21

-0.017+/-0.042 χ^2/NDF : 4896.0/44

1.429+/-0.059 χ^2/NDF : 1957.9/22

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2/NDF : 677.2/16

Left Out: 0.206 $\pm$ 0.005 χ^2/NDF : 701.4/4

Right Out: -0.216 $\pm$ 0.004 χ^2/NDF : 1075.7/19

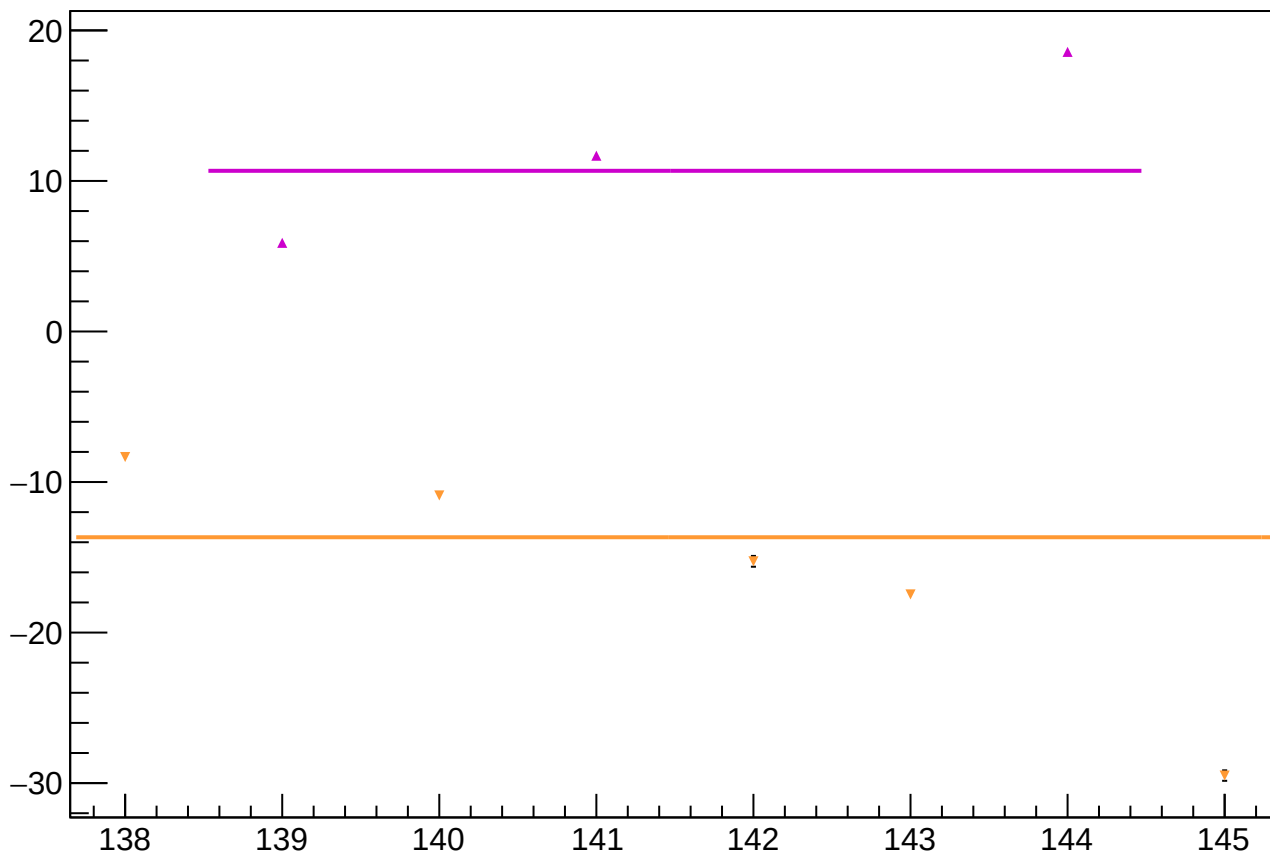
Left In: -0.129 $\pm$ 0.005 χ^2/NDF : 154.7/2

0.204 $\pm$ 0.003 χ^2/NDF : 1378.7/21

-0.002 $\pm$ 0.002 χ^2/NDF : 10598.4/44

-0.188 $\pm$ 0.003 χ^2/NDF : 1403.7/22

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: -13.668±/-0.119 χ^2/NDF : 3082.7/4

Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

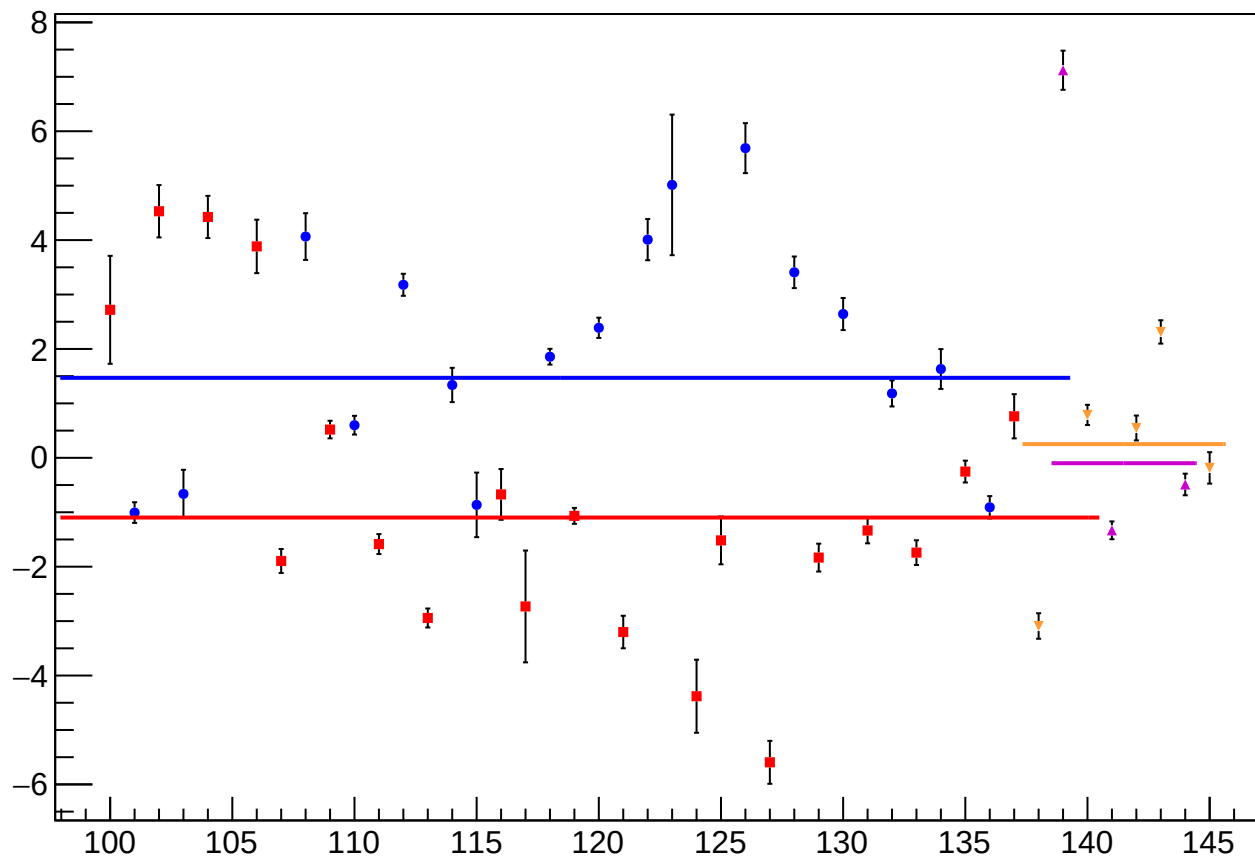
Left In: 10.673±/-0.132 χ^2/NDF : 1402.8/2

-13.668±/-0.119 χ^2/NDF : 3082.7/4

-2.745±/-0.088 χ^2/NDF : 23257.2/7

10.673±/-0.132 χ^2/NDF : 1402.8/2

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 χ^2/NDF : 707.9/16

Left Out: 0.252 ± 0.100 χ^2/NDF : 307.9/4

Right Out: -1.097 ± 0.058 χ^2/NDF : 954.6/19

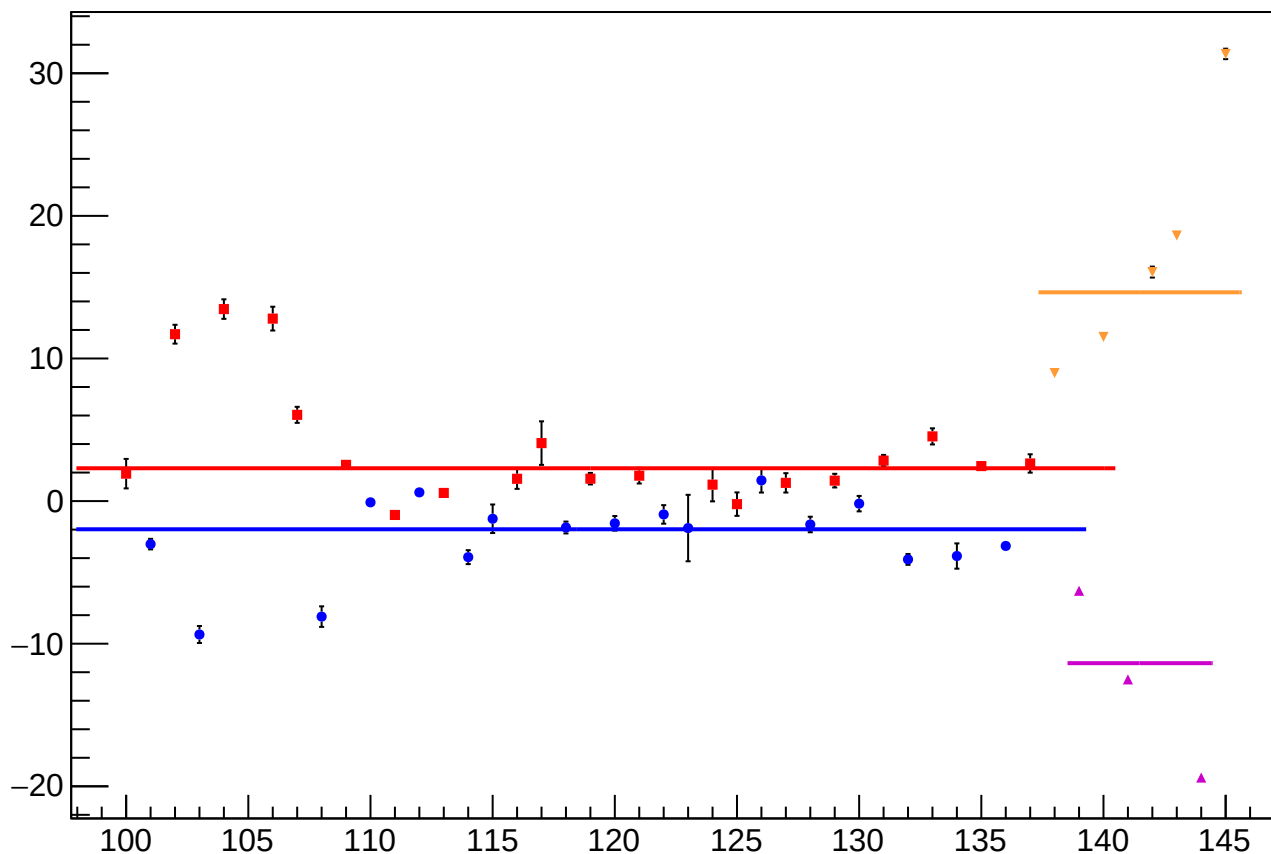
Left In: -0.099 ± 0.119 χ^2/NDF : 463.8/2

1.141 ± 0.052 χ^2/NDF : 1124.2/21

0.119 ± 0.037 χ^2/NDF : 3374.8/44

-0.907 ± 0.052 χ^2/NDF : 1475.2/22

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977+/-0.110 χ^2/NDF : 463.8/16

Left Out: 14.639+/-0.128 χ^2/NDF :3057.3/4

Right Out: 2.302+/-0.098 χ^2/NDF : 907.9/19

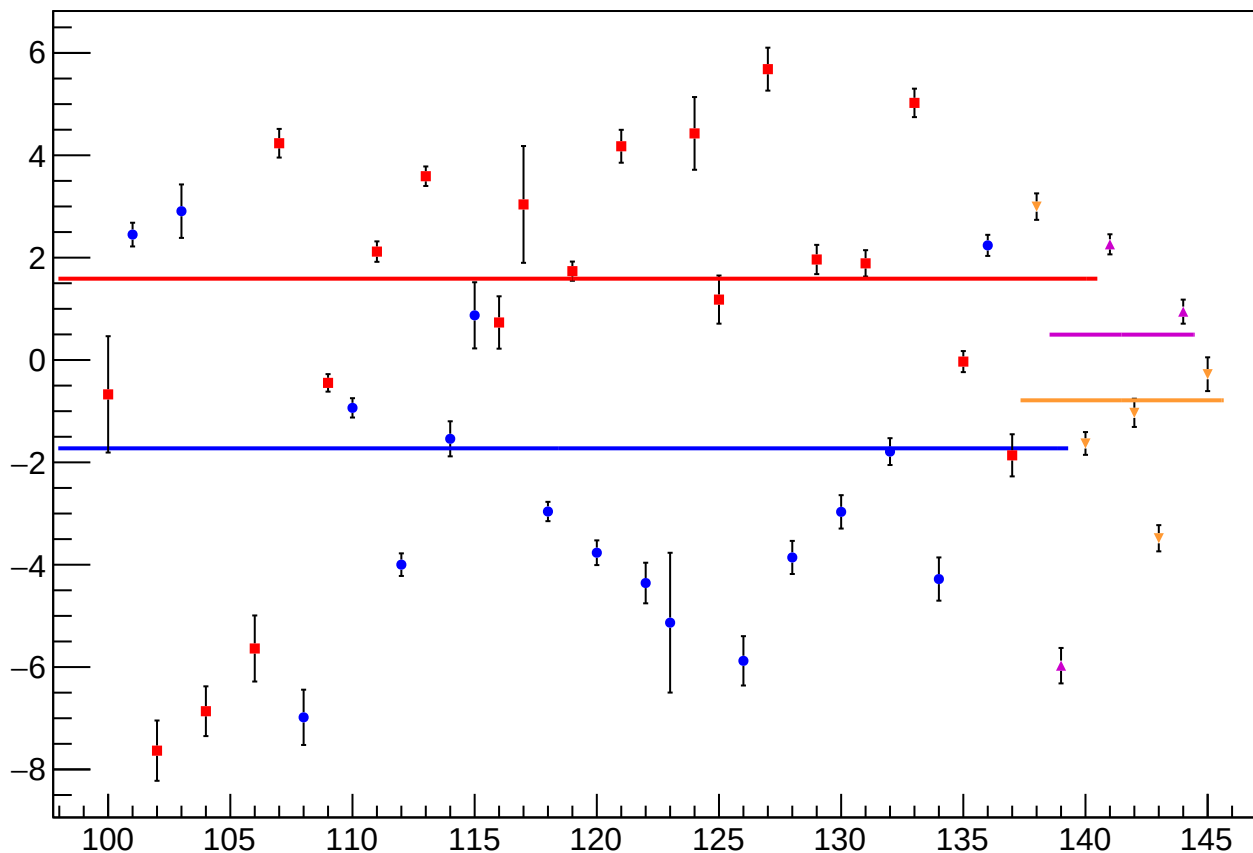
Left In: -11.365+/-0.141 χ^2/NDF :1305.5/2

5.110+/-0.083 χ^2/NDF : 13245.4/21

1.366+/-0.058 χ^2/NDF : 25665.3/44

-2.143+/-0.081 χ^2/NDF : 8509.8/22

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.726 $\pm$ 0.070 χ^2/NDF : 1341.5/16

Left Out: -0.788 $\pm$ 0.117 χ^2/NDF : 342.3/4

Right Out: 1.589 $\pm$ 0.065 χ^2/NDF : 1494.5/19

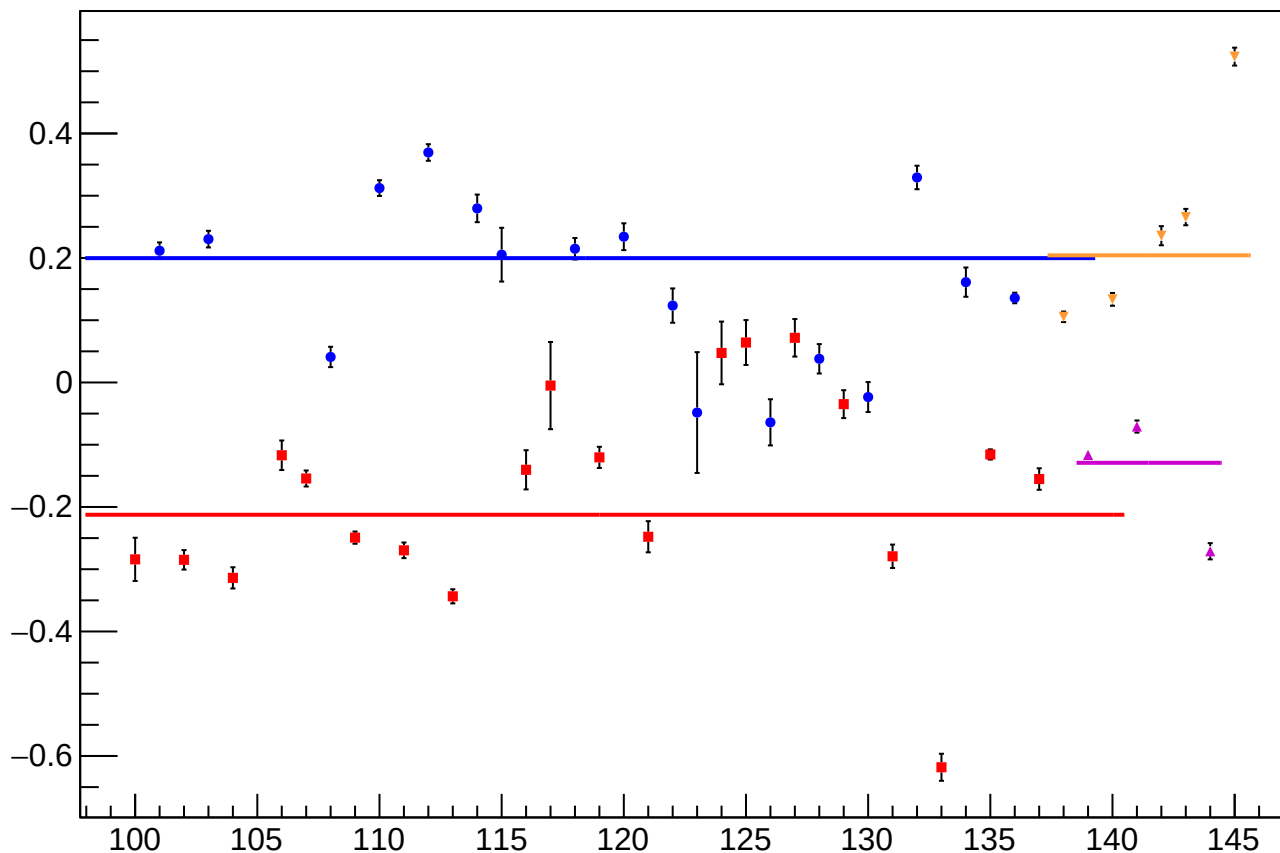
Left In: 0.496 $\pm$ 0.138 χ^2/NDF : 433.2/2

-1.480 $\pm$ 0.060 χ^2/NDF : 1731.0/21

-0.020 $\pm$ 0.042 χ^2/NDF : 4869.5/44

1.389 $\pm$ 0.059 χ^2/NDF : 1978.8/22

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.200 ± 0.004 χ^2/NDF : 662.5/16

Left Out: 0.204 ± 0.005 χ^2/NDF : 700.7/4

Right Out: -0.213 ± 0.004 χ^2/NDF : 1059.7/19

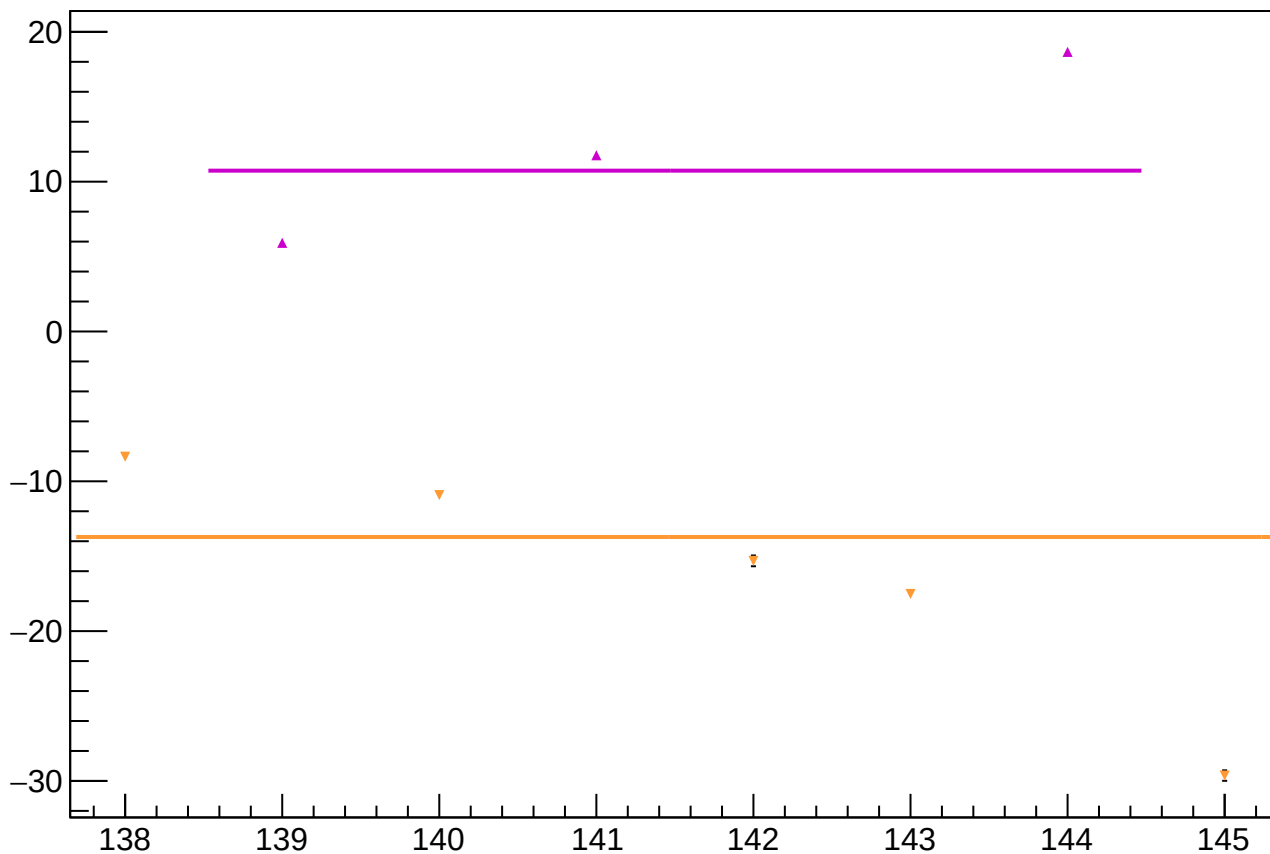
Left In: -0.129 ± 0.005 χ^2/NDF : 157.3/2

0.202 ± 0.003 χ^2/NDF : 1363.6/21

-0.003 ± 0.002 χ^2/NDF : 10444.6/44

-0.186 ± 0.003 χ^2/NDF : 1378.7/22

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: -13.717+/-0.120 χ^2/NDF : 3088.7/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

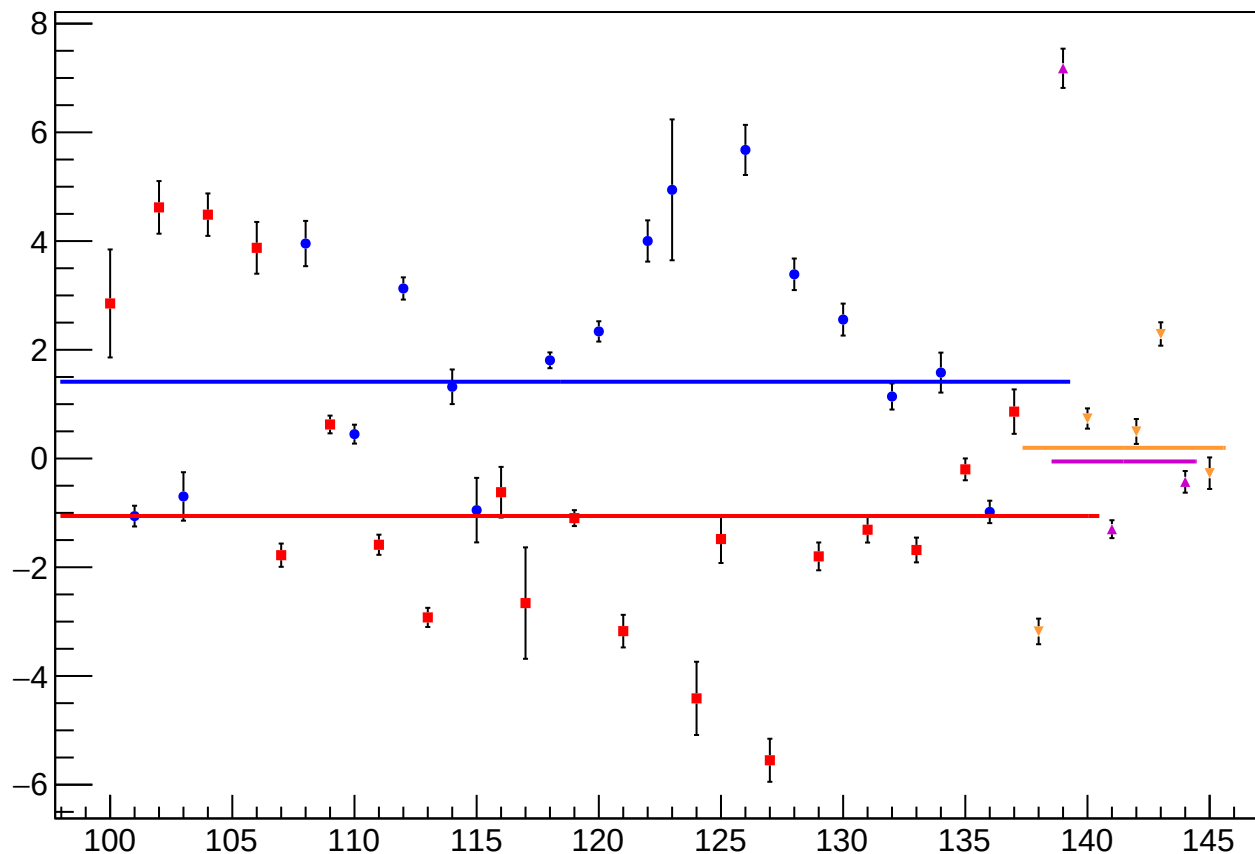
Left In: 10.735+/-0.132 χ^2/NDF : 1405.0/2

-13.717+/-0.120 χ^2/NDF : 3088.7/4

-2.742+/-0.089 χ^2/NDF : 23270.6/7

10.735+/-0.132 χ^2/NDF : 1405.0/2

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413 ± 0.061 $\chi^2/\text{NDF}: 713.9/16$

Left Out: 0.197 ± 0.100 $\chi^2/\text{NDF}: 312.9/4$

Right Out: -1.057 ± 0.058 $\chi^2/\text{NDF}: 965.8/19$

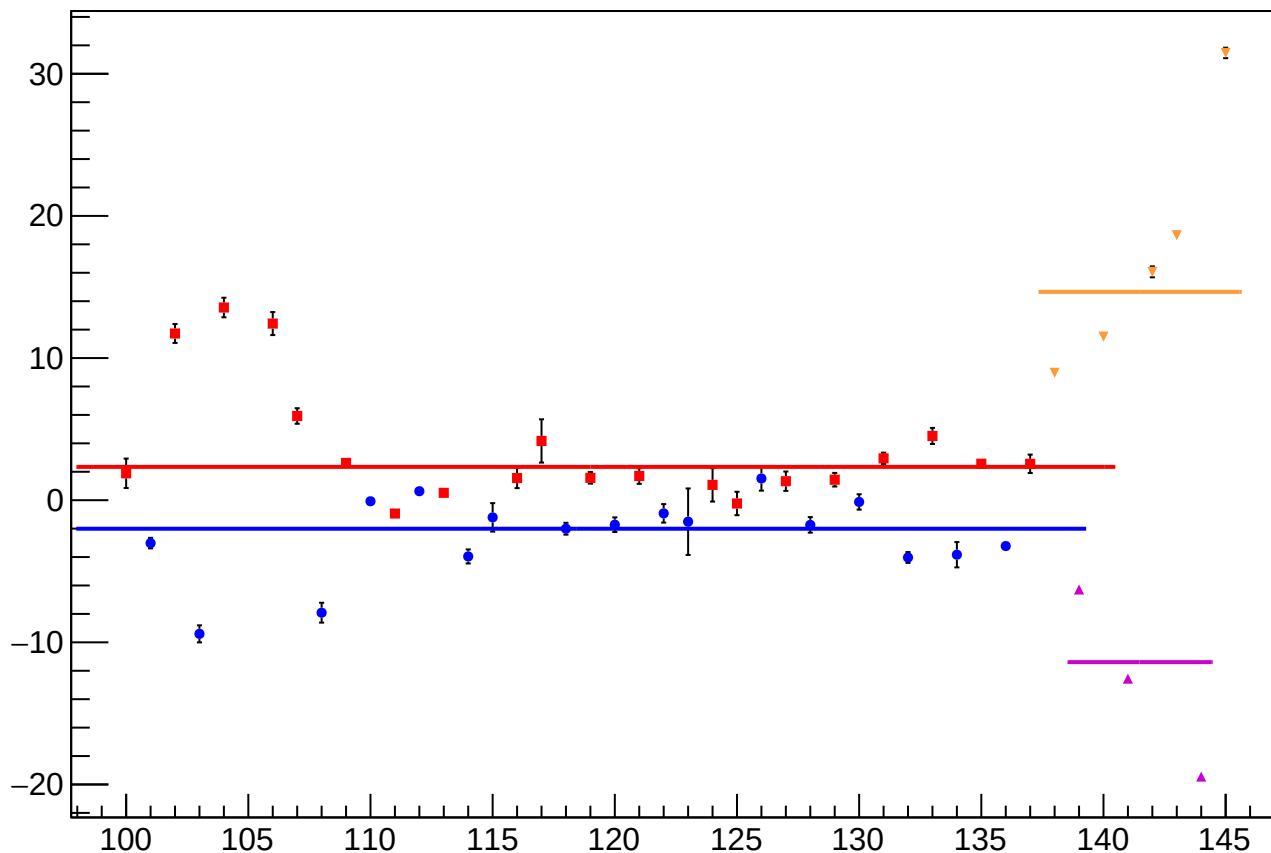
Left In: -0.054 ± 0.120 $\chi^2/\text{NDF}: 462.0/2$

1.084 ± 0.052 $\chi^2/\text{NDF}: 1133.9/21$

0.109 ± 0.037 $\chi^2/\text{NDF}: 3317.2/44$

-0.866 ± 0.052 $\chi^2/\text{NDF}: 1484.6/22$

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.006+/-0.111 χ^2/NDF : 463.3/16

Left Out: 14.656+/-0.128 χ^2/NDF :3061.1/4

Right Out: 2.344+/-0.099 χ^2/NDF : 902.6/19

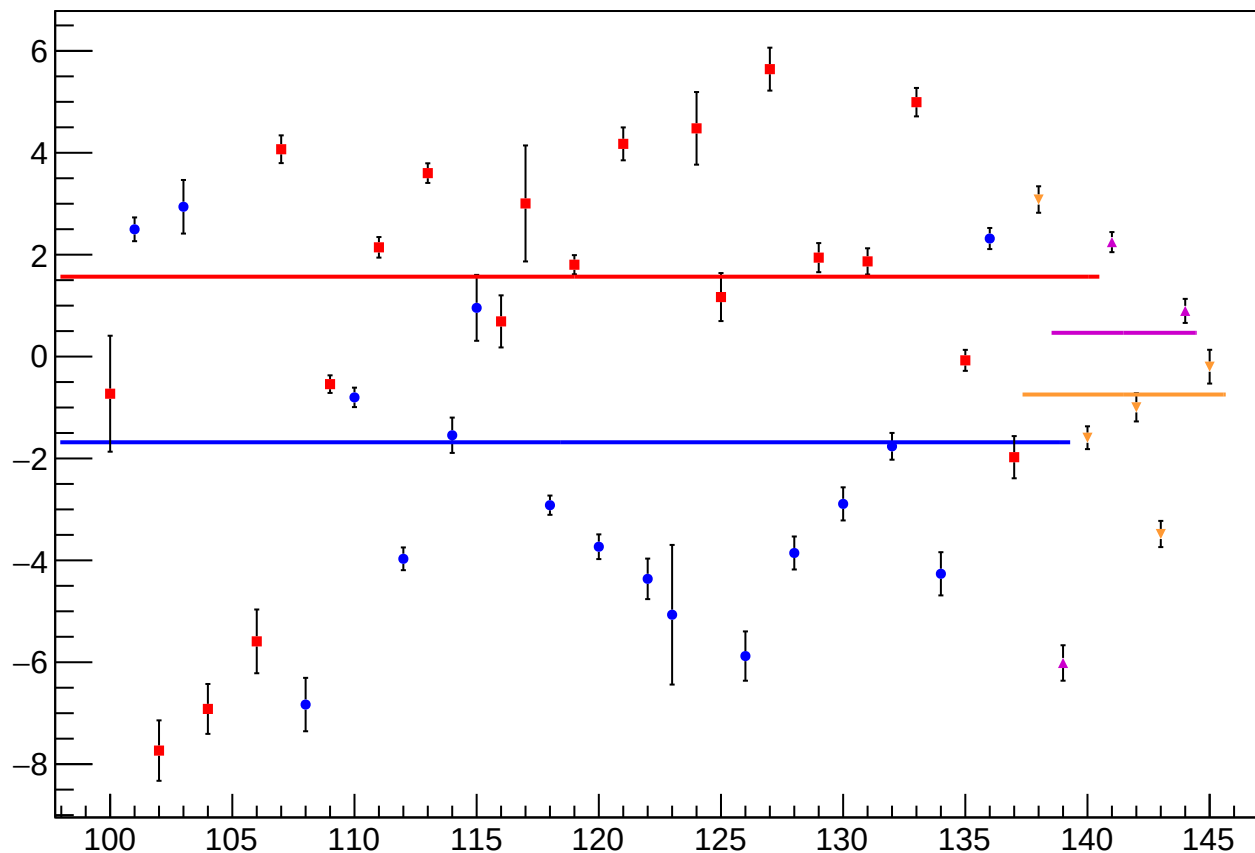
Left In: -11.393+/-0.142 χ^2/NDF :1307.2/2

5.107+/-0.084 χ^2/NDF : 13209.3/21

1.372+/-0.058 χ^2/NDF : 25574.8/44

-2.127+/-0.081 χ^2/NDF : 8514.1/22

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682 $\pm$ 0.070 χ^2 /NDF: 1347.8/16

Left Out: -0.745 $\pm$ 0.118 χ^2 /NDF: 348.1/4

Right Out: 1.568 $\pm$ 0.066 χ^2 /NDF: 1506.3/19

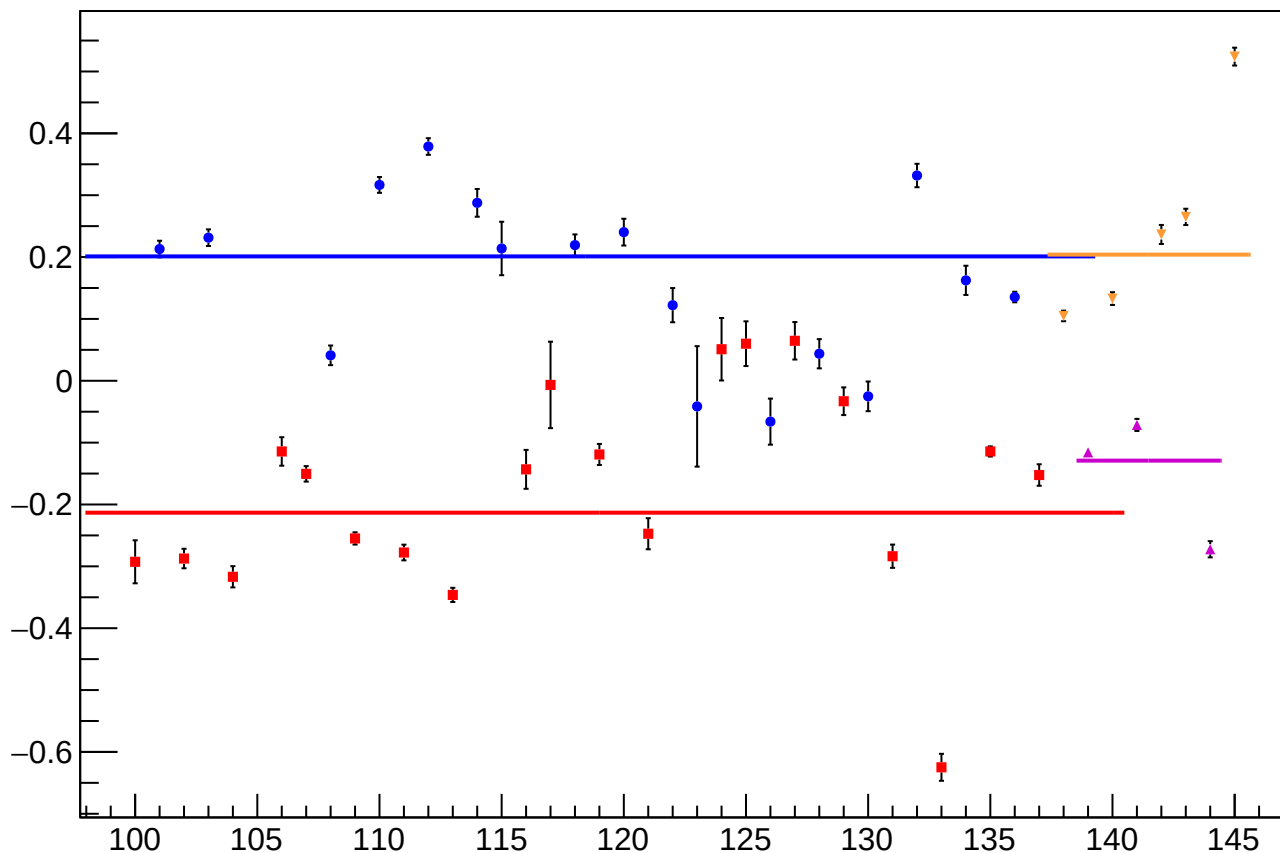
Left In: 0.466 $\pm$ 0.139 χ^2 /NDF: 431.8/2

-1.436 $\pm$ 0.060 χ^2 /NDF: 1742.7/21

-0.008 $\pm$ 0.042 χ^2 /NDF: 4830.6/44

1.367 $\pm$ 0.059 χ^2 /NDF: 1989.7/22

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201+/-0.004 χ^2/NDF : 691.3/16

Left Out: 0.204+/-0.005 χ^2/NDF : 698.5/4

Right Out: -0.213+/-0.004 χ^2/NDF : 1091.9/19

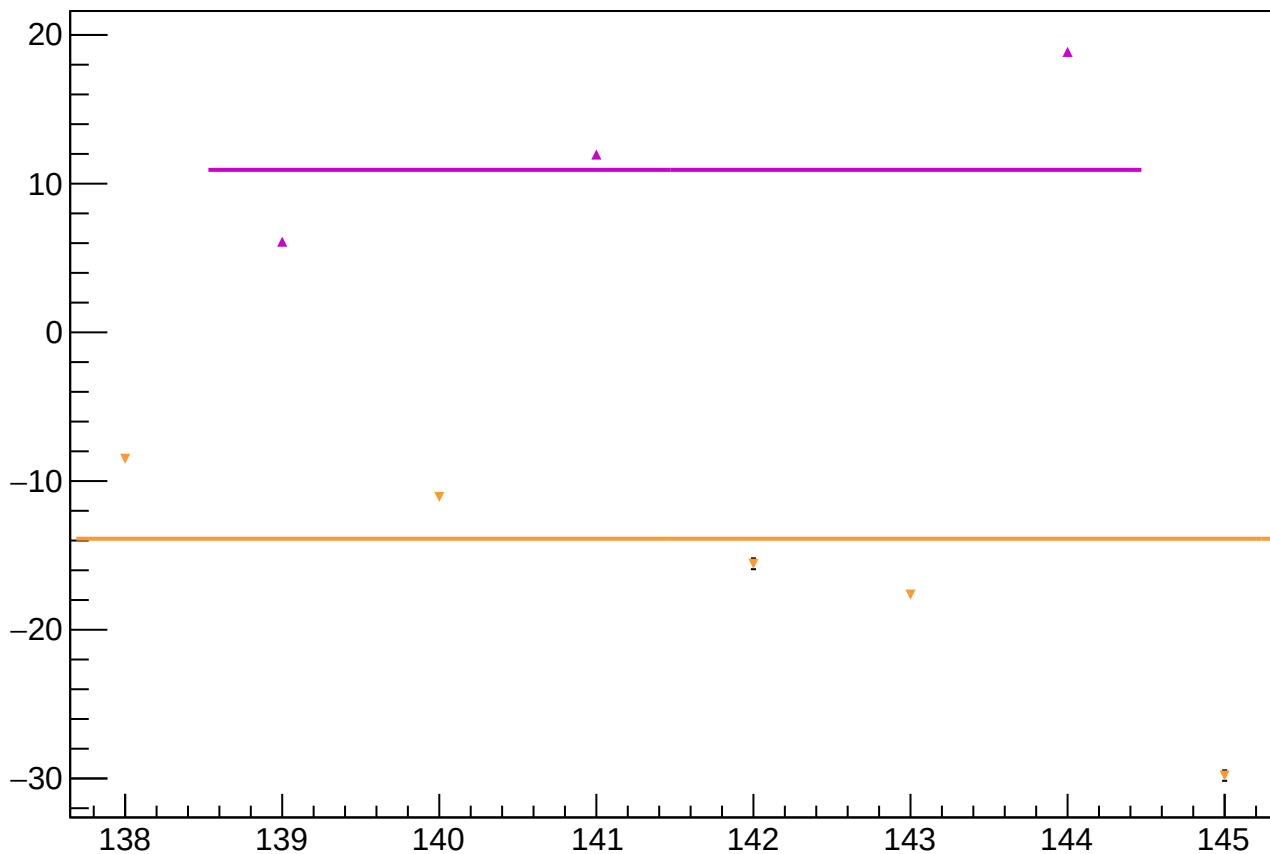
Left In: -0.129+/-0.005 χ^2/NDF : 157.6/2

0.202+/-0.003 χ^2/NDF : 1390.0/21

-0.003+/-0.002 χ^2/NDF : 10506.4/44

-0.187+/-0.003 χ^2/NDF : 1412.8/22

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -13.876 $\pm$ 0.121 χ^2 /NDF: 3047.9/4

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

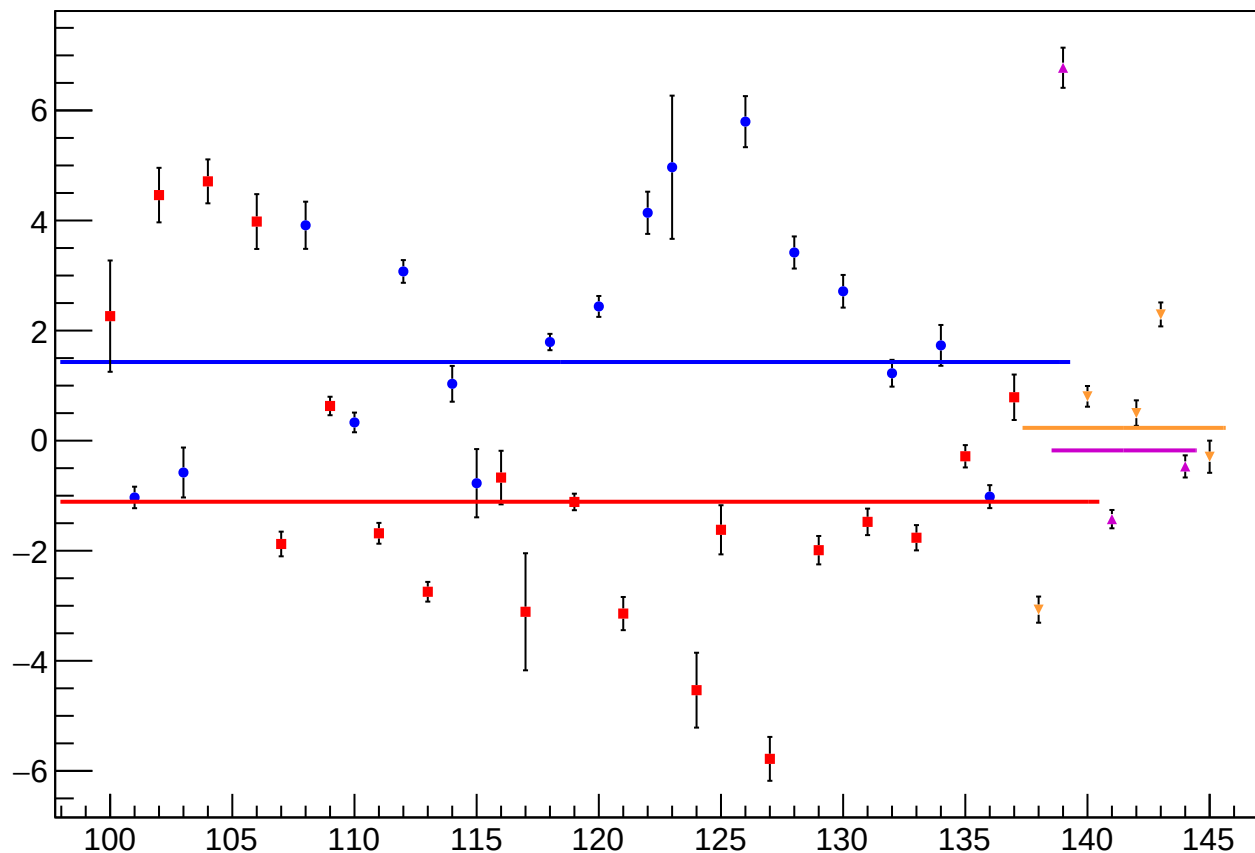
Left In: 10.928 $\pm$ 0.134 χ^2 /NDF: 1383.1/2

-13.876 $\pm$ 0.121 χ^2 /NDF: 3047.9/4

-2.759 $\pm$ 0.090 χ^2 /NDF: 23370.3/7

10.928 $\pm$ 0.134 χ^2 /NDF: 1383.1/2

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429 ± 0.062 χ^2/NDF : 711.4/16

Left Out: 0.232 ± 0.101 χ^2/NDF : 297.0/4

Right Out: -1.110 ± 0.059 χ^2/NDF : 940.1/19

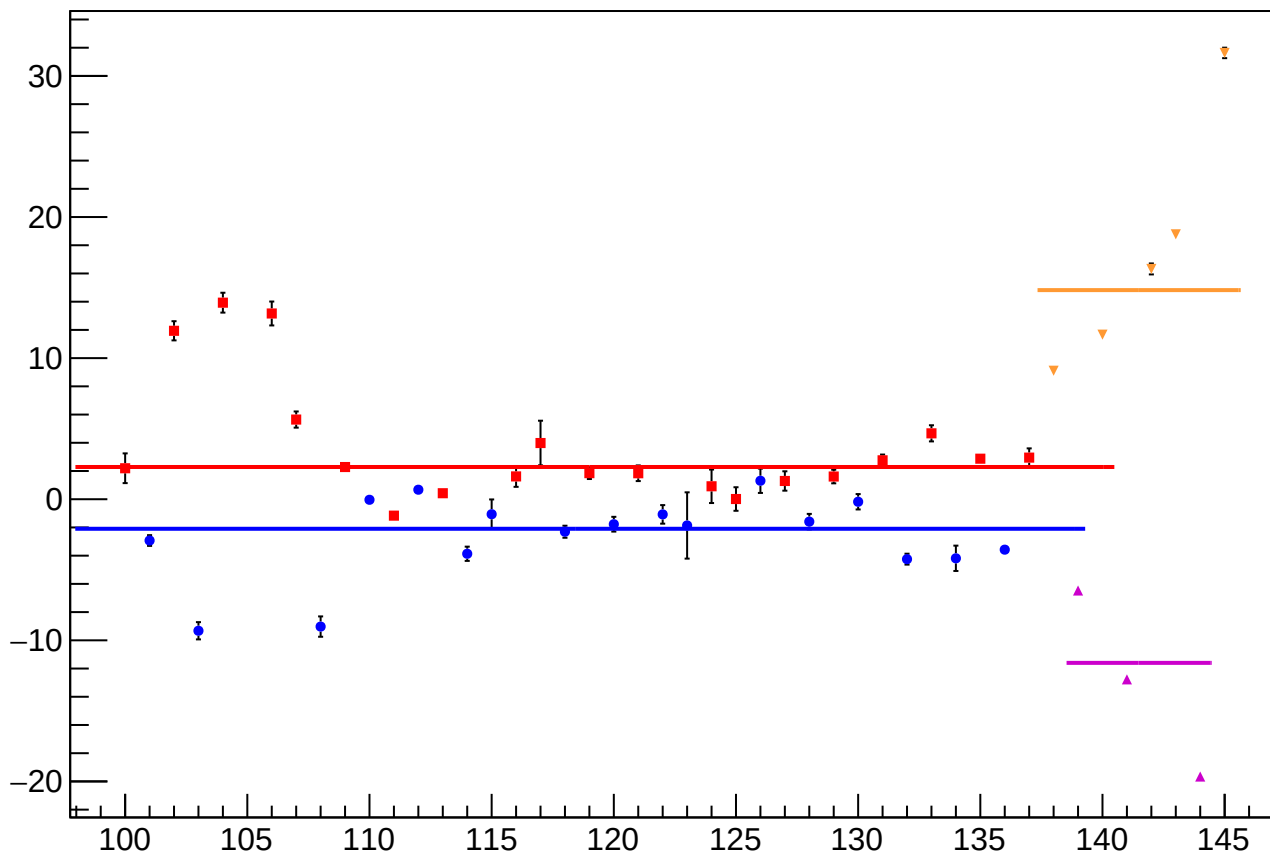
Left In: -0.177 ± 0.121 χ^2/NDF : 421.5/2

1.102 ± 0.053 χ^2/NDF : 1109.7/21

0.090 ± 0.038 χ^2/NDF : 3251.2/44

-0.930 ± 0.053 χ^2/NDF : 1409.5/22

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 14.821 ± 0.129 χ^2/NDF : 3020.9/4

Right Out: 2.285 ± 0.101 χ^2/NDF : 919.7/19

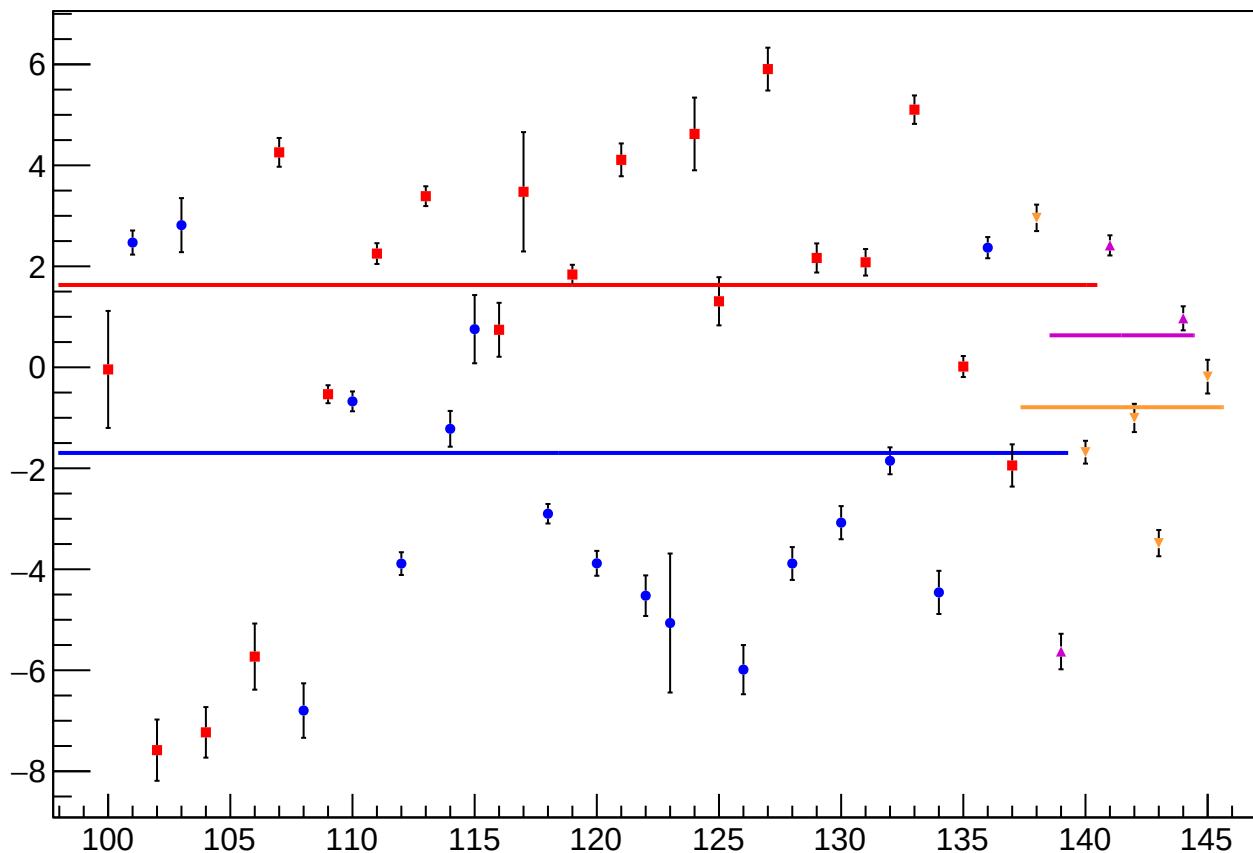
Left In: -11.598 ± 0.144 χ^2/NDF : 1288.1/2

5.197 ± 0.085 χ^2/NDF : 13235.6/21

1.341 ± 0.059 χ^2/NDF : 25709.8/44

-2.298 ± 0.083 χ^2/NDF : 8468.3/22

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.696+/-0.072 χ^2/NDF : 1333.3/16

Left Out: -0.790+/-0.119 χ^2/NDF : 331.4/4

Right Out: 1.630+/-0.067 χ^2/NDF : 1469.8/19

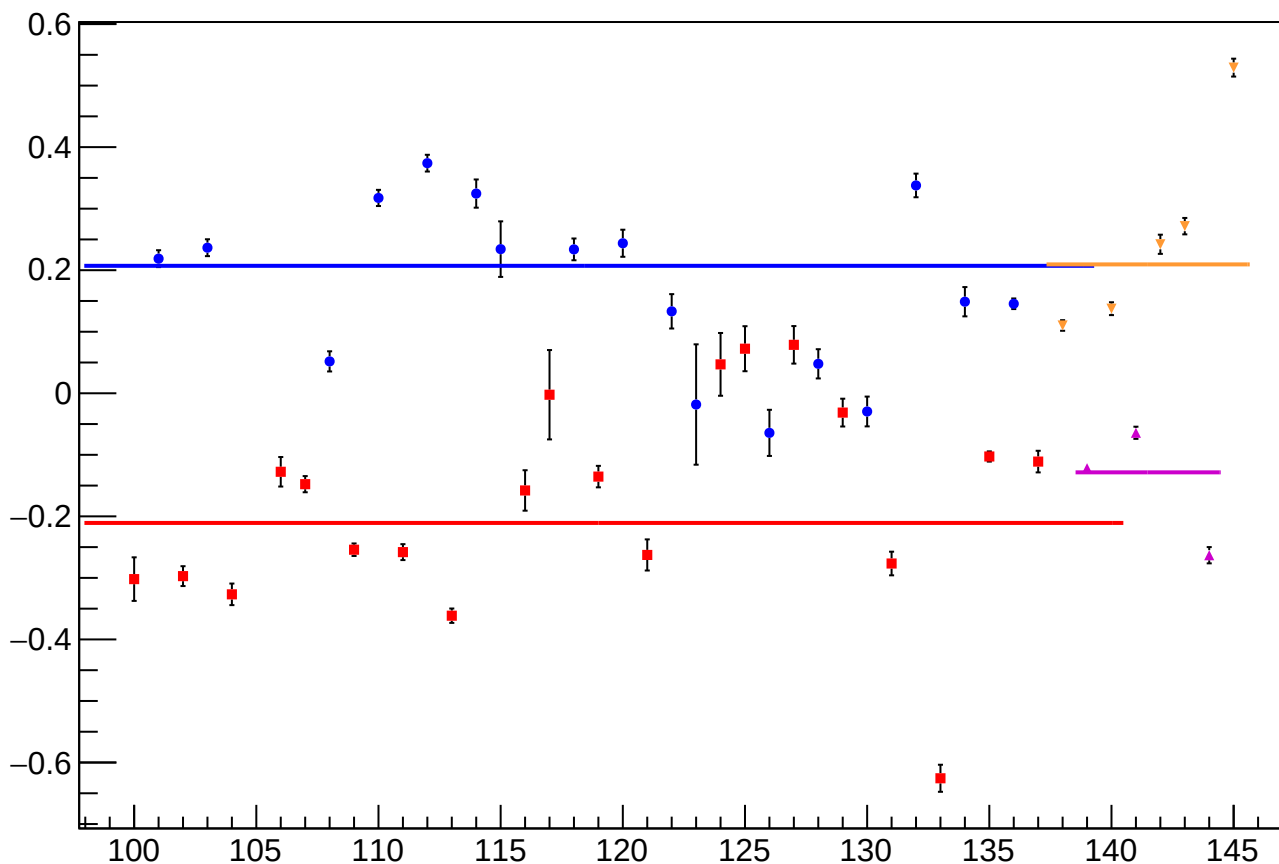
Left In: 0.633+/-0.140 χ^2/NDF : 399.1/2

-1.455+/-0.061 χ^2/NDF : 1707.3/21

0.018+/-0.043 χ^2/NDF : 4754.6/44

1.446+/-0.060 χ^2/NDF : 1910.0/22

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.207 $\pm$ 0.004 χ^2/NDF : 656.3/16

Left Out: 0.209 $\pm$ 0.005 χ^2/NDF : 689.4/4

Right Out: -0.211 $\pm$ 0.004 χ^2/NDF : 1153.9/19

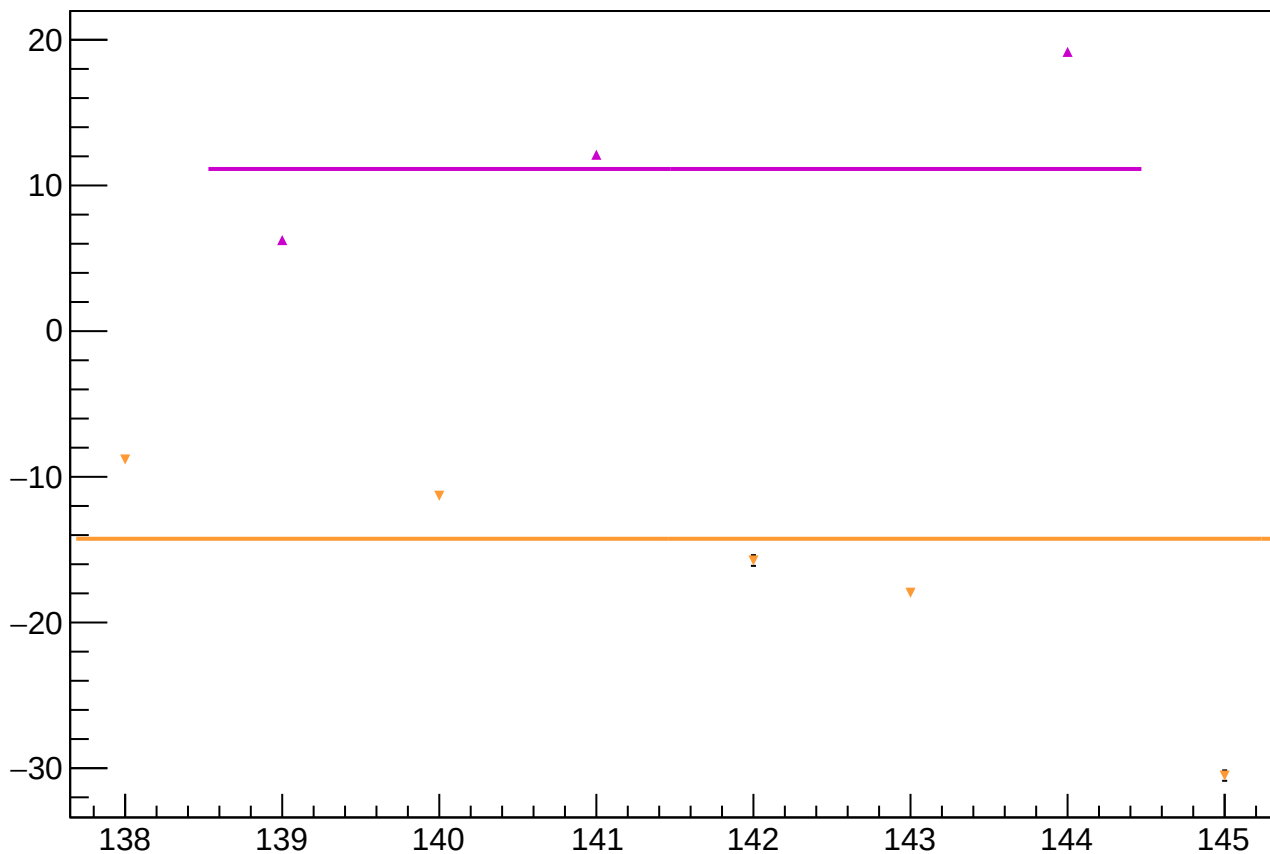
Left In: -0.128 $\pm$ 0.006 χ^2/NDF : 146.9/2

0.208 $\pm$ 0.003 χ^2/NDF : 1345.8/21

0.002 $\pm$ 0.002 χ^2/NDF : 10400.5/44

-0.185 $\pm$ 0.003 χ^2/NDF : 1452.4/22

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: -14.251+/-0.123 χ^2/NDF : 3036.5/4

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

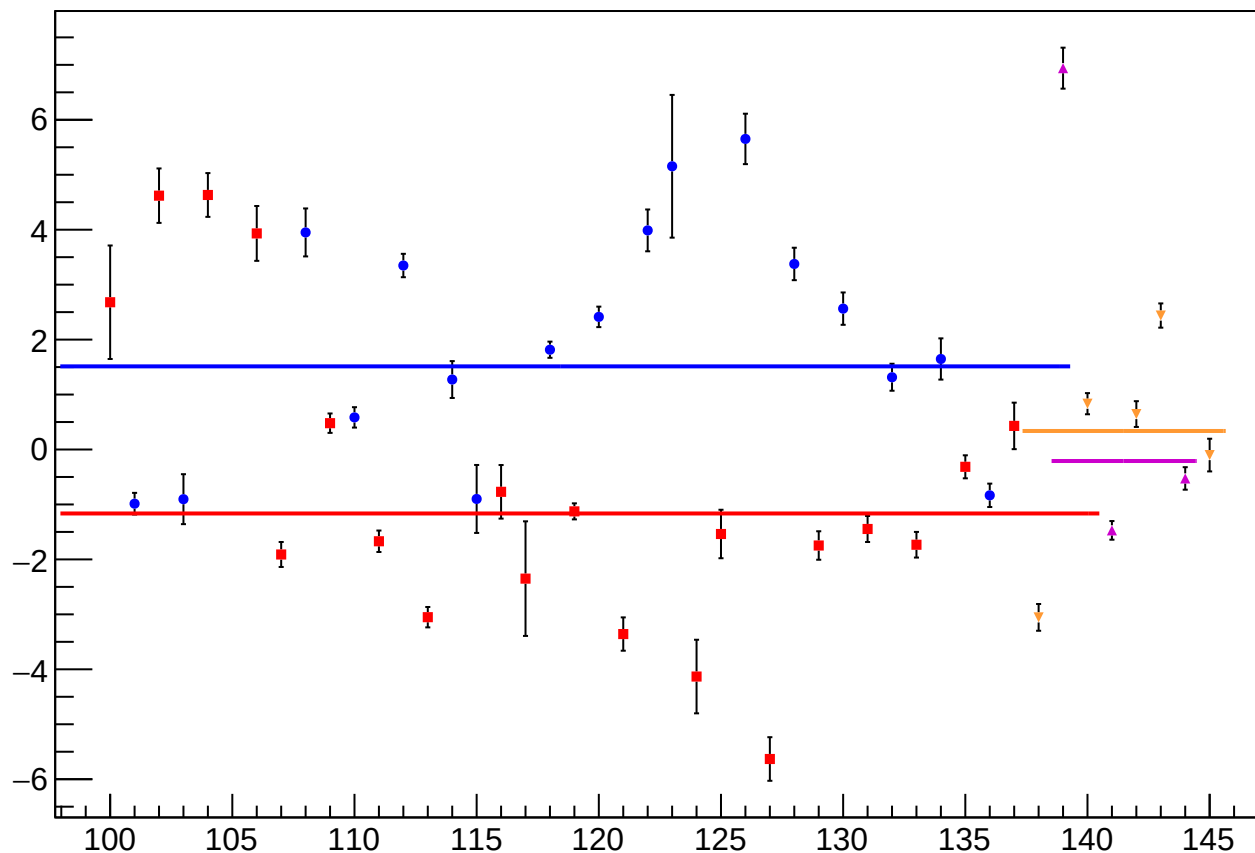
Left In: 11.133+/-0.137 χ^2/NDF : 1358.3/2

-14.251+/-0.123 χ^2/NDF : 3036.5/4

-2.862+/-0.092 χ^2/NDF : 23423.2/7

11.133+/-0.137 χ^2/NDF : 1358.3/2

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513 $\pm$ 0.063 χ^2 /NDF: 669.7/16

Left Out: 0.337 $\pm$ 0.103 χ^2 /NDF: 295.3/4

Right Out: -1.164 $\pm$ 0.060 χ^2 /NDF: 918.3/19

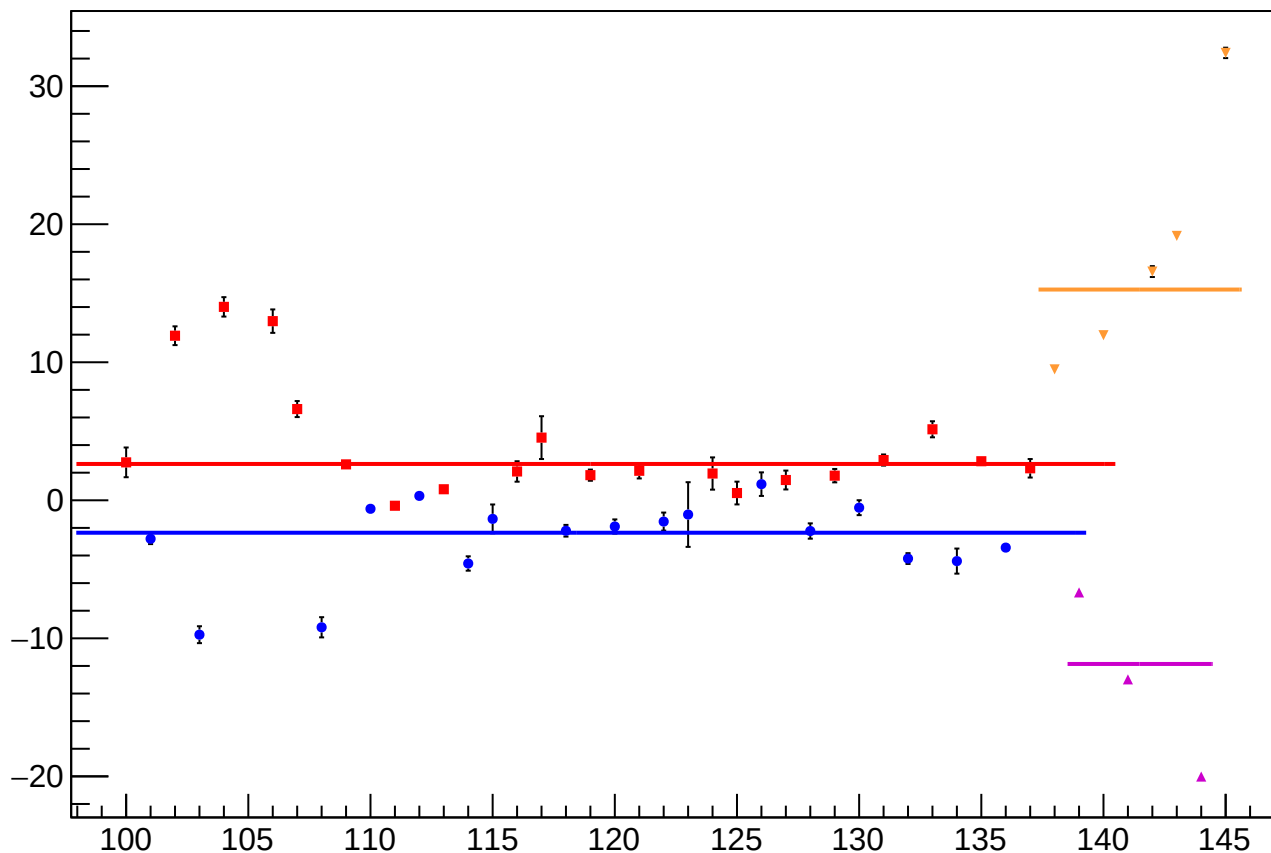
Left In: -0.209 $\pm$ 0.123 χ^2 /NDF: 425.2/2

1.196 $\pm$ 0.054 χ^2 /NDF: 1059.8/21

0.114 $\pm$ 0.038 χ^2 /NDF: 3272.4/44

-0.982 $\pm$ 0.054 χ^2 /NDF: 1392.0/22

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350 ± 0.114 $\chi^2/\text{NDF}: 439.7/16$

Left Out: 15.268 ± 0.132 $\chi^2/\text{NDF}: 3009.0/4$

Right Out: 2.633 ± 0.103 $\chi^2/\text{NDF}: 841.9/19$

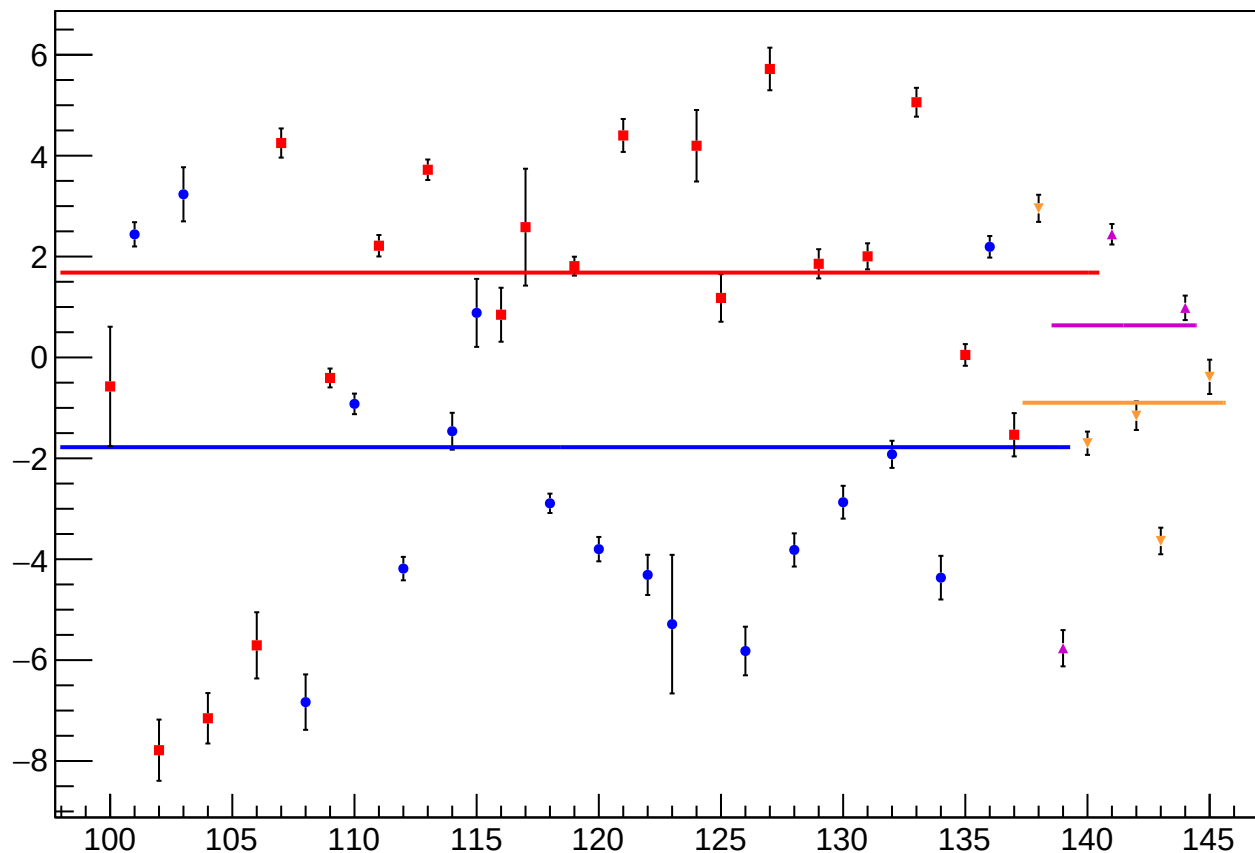
Left In: -11.857 ± 0.147 $\chi^2/\text{NDF}: 1263.4/2$

5.191 ± 0.086 $\chi^2/\text{NDF}: 13617.2/21$

1.423 ± 0.060 $\chi^2/\text{NDF}: 25970.2/44$

-2.158 ± 0.084 $\chi^2/\text{NDF}: 8647.8/22$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.779 ± 0.072 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -0.898 ± 0.121 $\chi^2/\text{NDF}: 328.6/4$

Right Out: 1.682 ± 0.068 $\chi^2/\text{NDF}: 1430.2/19$

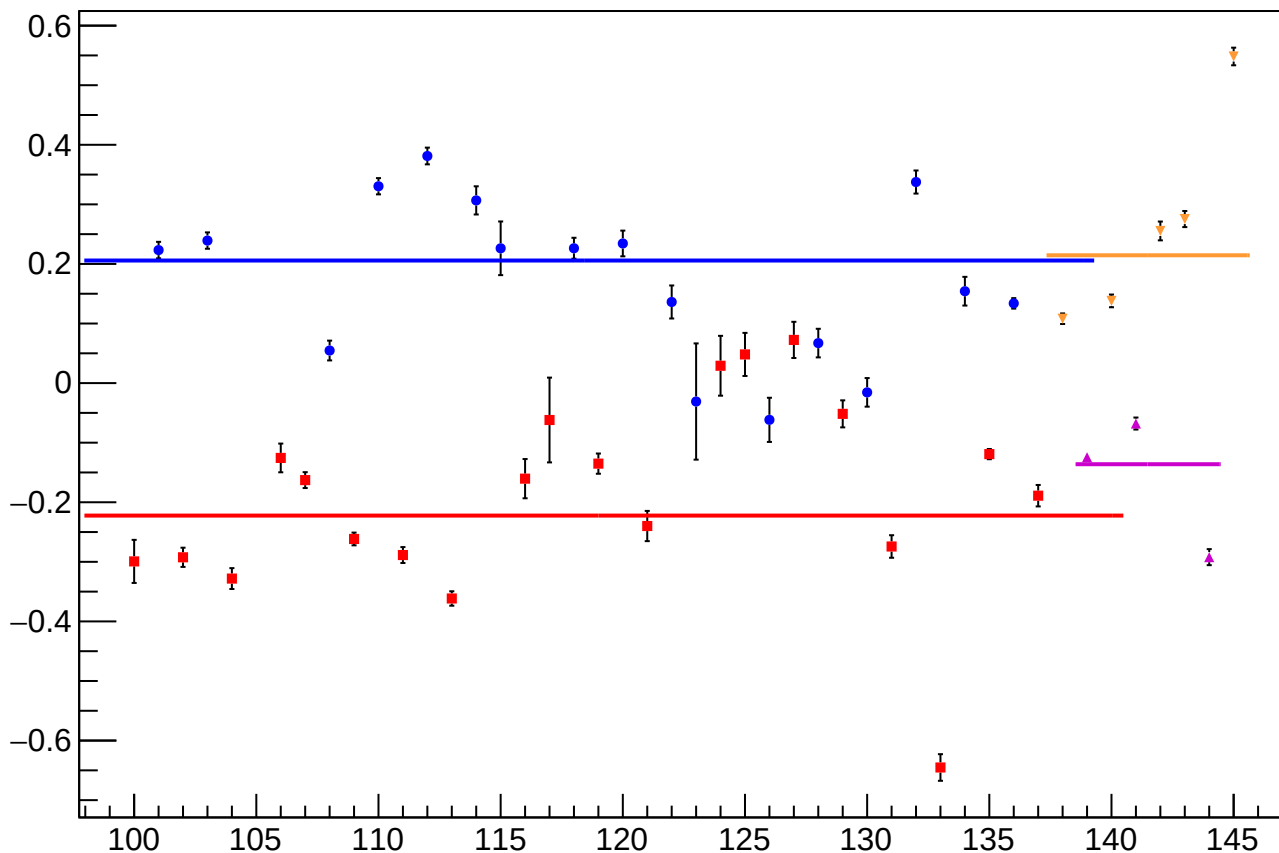
Left In: 0.636 ± 0.143 $\chi^2/\text{NDF}: 398.3/2$

-1.548 ± 0.062 $\chi^2/\text{NDF}: 1639.7/21$

-0.011 ± 0.044 $\chi^2/\text{NDF}: 4723.8/44$

1.490 ± 0.061 $\chi^2/\text{NDF}: 1872.1/22$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.206 $\pm$ 0.004 χ^2 /NDF: 651.8/16

Left Out: 0.215 $\pm$ 0.005 χ^2 /NDF: 731.0/4

Right Out: -0.222 $\pm$ 0.004 χ^2 /NDF: 1047.2/19

Left In: -0.136 $\pm$ 0.006 χ^2 /NDF: 182.4/2

0.209 $\pm$ 0.003 χ^2 /NDF: 1384.5/21

-0.003 $\pm$ 0.002 χ^2 /NDF: 10538.6/44

-0.195 $\pm$ 0.003 χ^2 /NDF: 1389.8/22