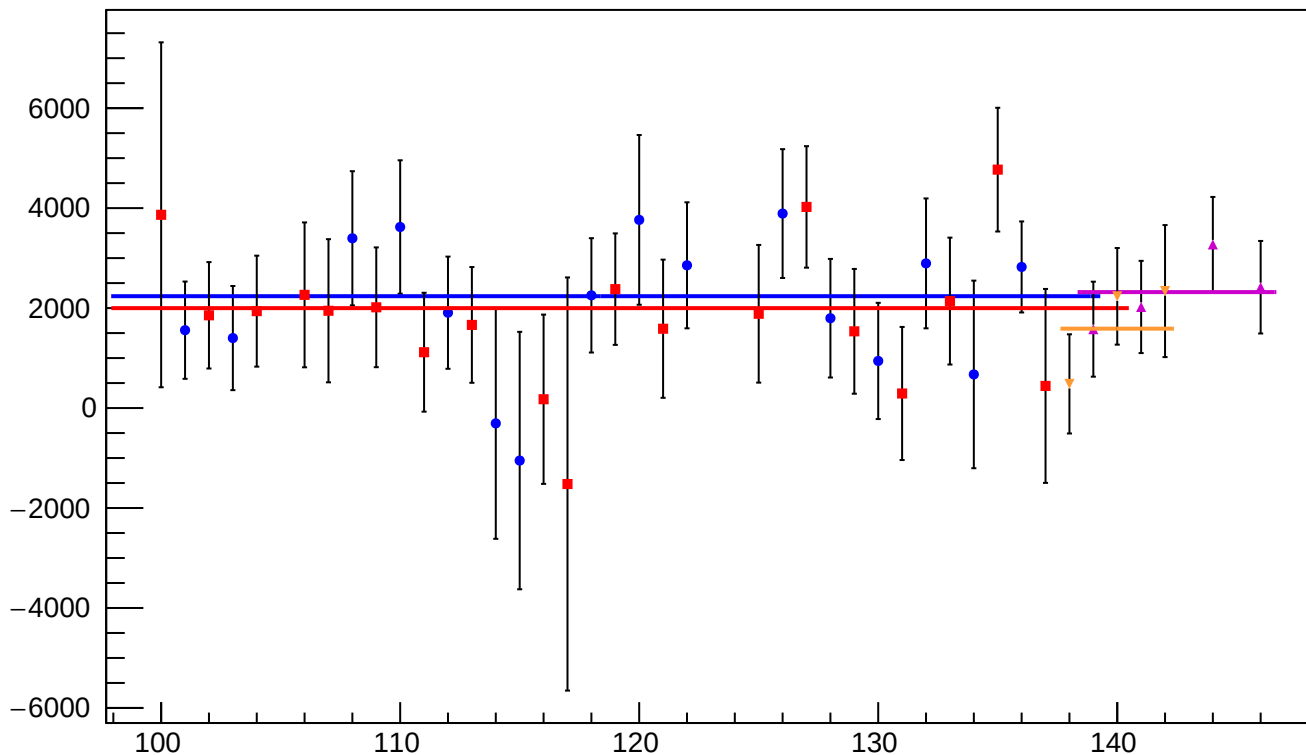


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

Left Out: 1588.384+/-613.210

χ^2/NDF : 2.0/2

Right Out: 1999.038+/-307.507

χ^2/NDF : 13.3/18

Left In: 2319.848+/-468.419

χ^2/NDF : 1.7/3

2102.558+/-279.941

χ^2/NDF : 14.2/18

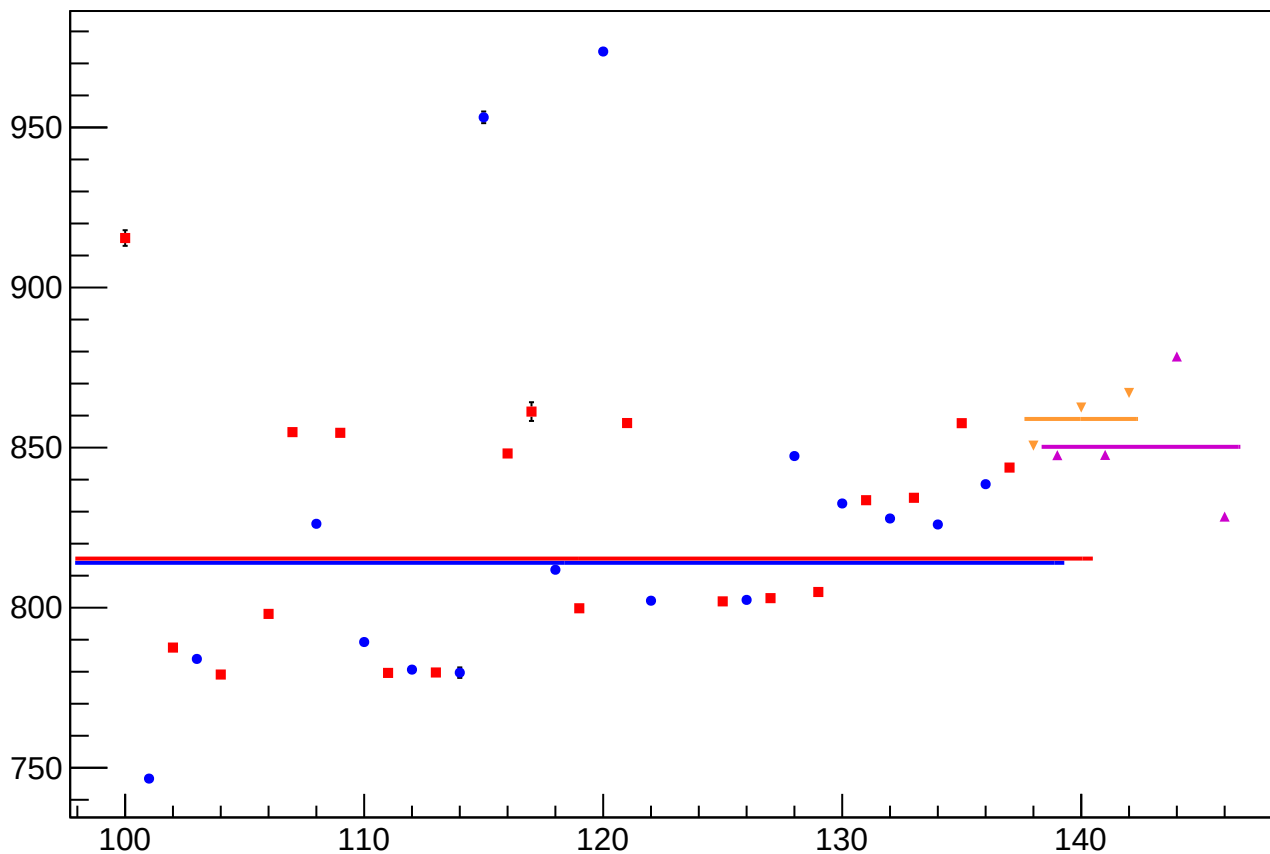
2098.814+/-189.344

χ^2/NDF : 29.6/41

2095.656+/-257.064

χ^2/NDF : 15.4/22

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 858.952 $\pm$ 0.434 χ^2 /NDF: 244.0/2

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

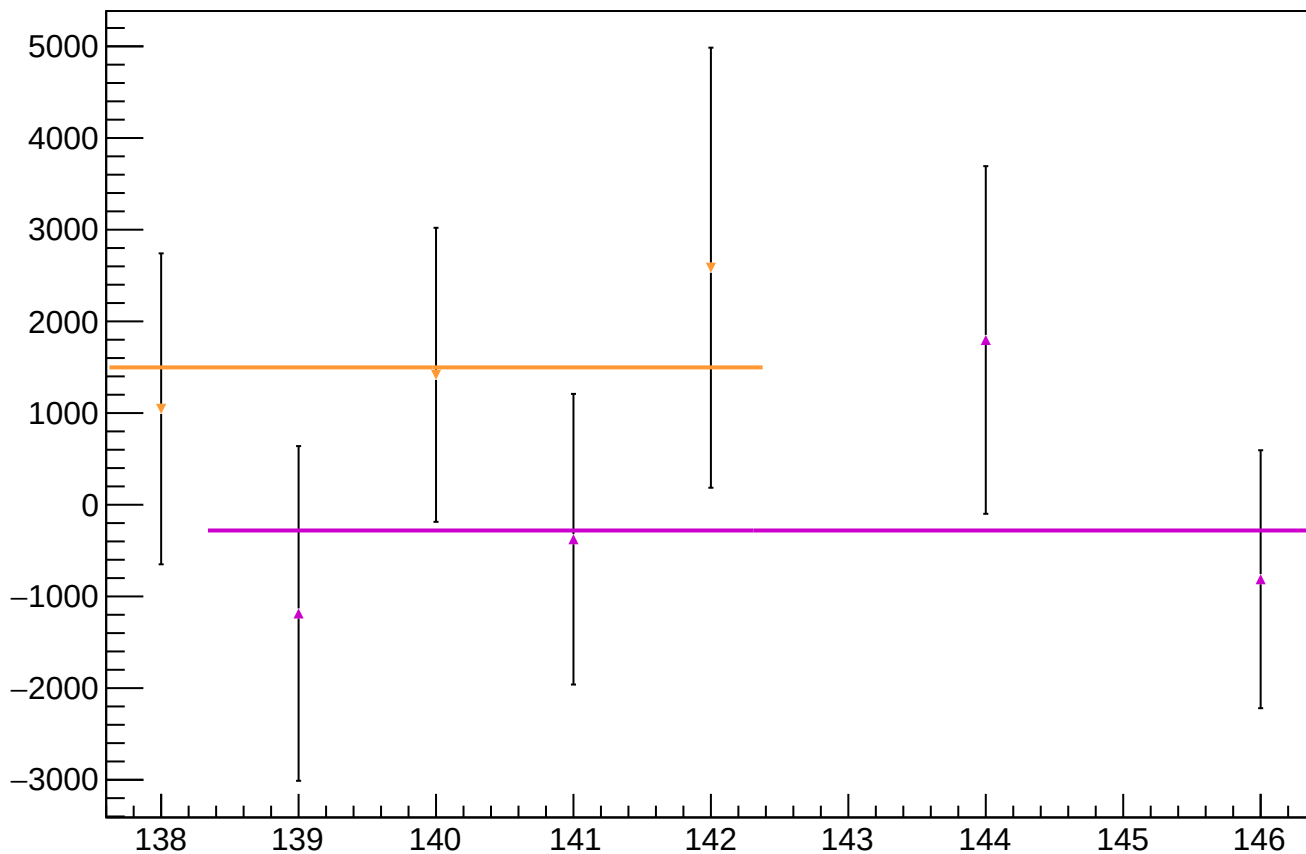
Left In: 850.245 $\pm$ 0.331 χ^2 /NDF: 2902.7/3

823.385 $\pm$ 0.198 χ^2 /NDF: 50785.4/18

824.724 $\pm$ 0.134 χ^2 /NDF: 81740.7/41

825.852 $\pm$ 0.182 χ^2 /NDF: 30871.0/22

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1498.173+/-1048.087 χ^2/NDF : 0.3/2

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

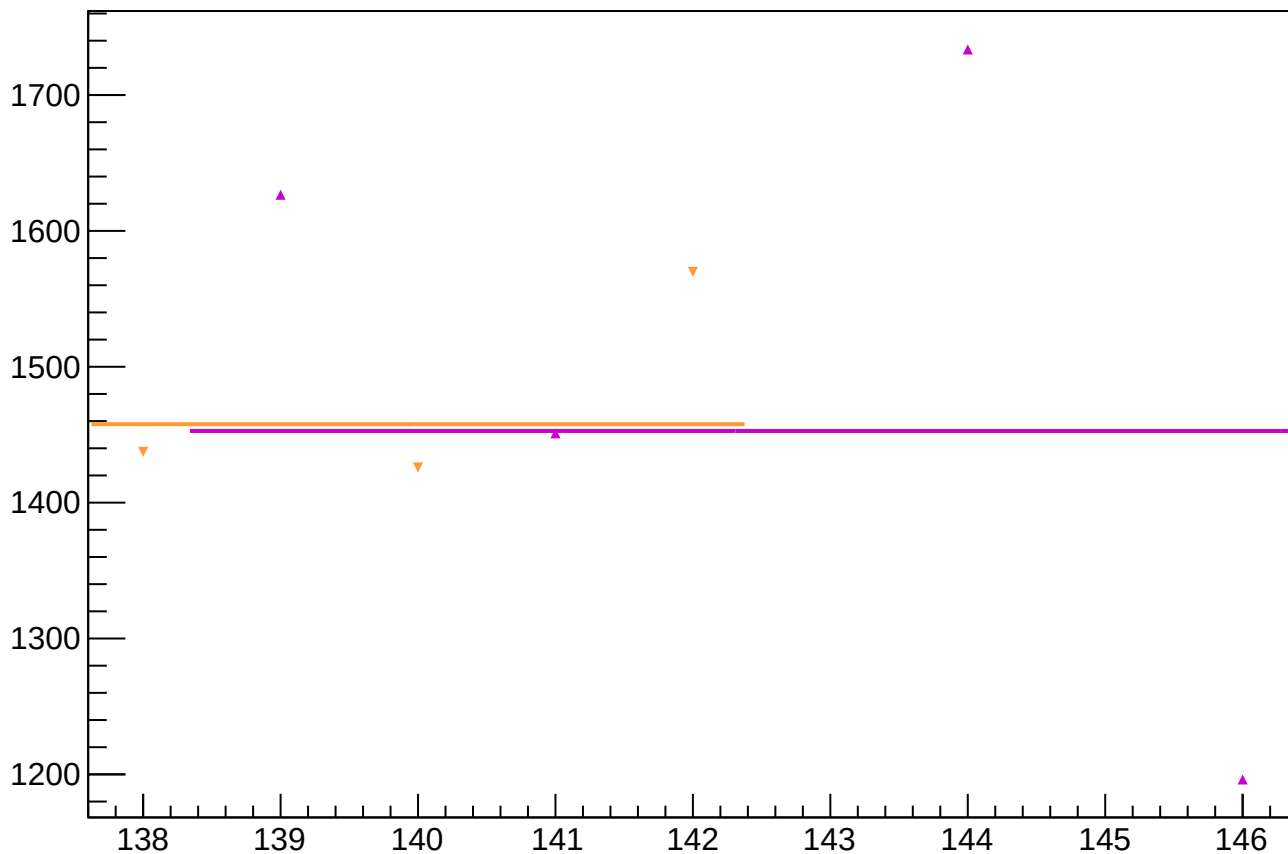
Left In: -280.711+/-821.499 χ^2/NDF : 1.6/3

1498.173+/-1048.087 χ^2/NDF : 0.3/2

396.257+/-646.558 χ^2/NDF : 3.7/6

-280.711+/-821.499 χ^2/NDF : 1.6/3

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 1457.729 ± 0.741 $\chi^2/\text{NDF}: 5440.5/2$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

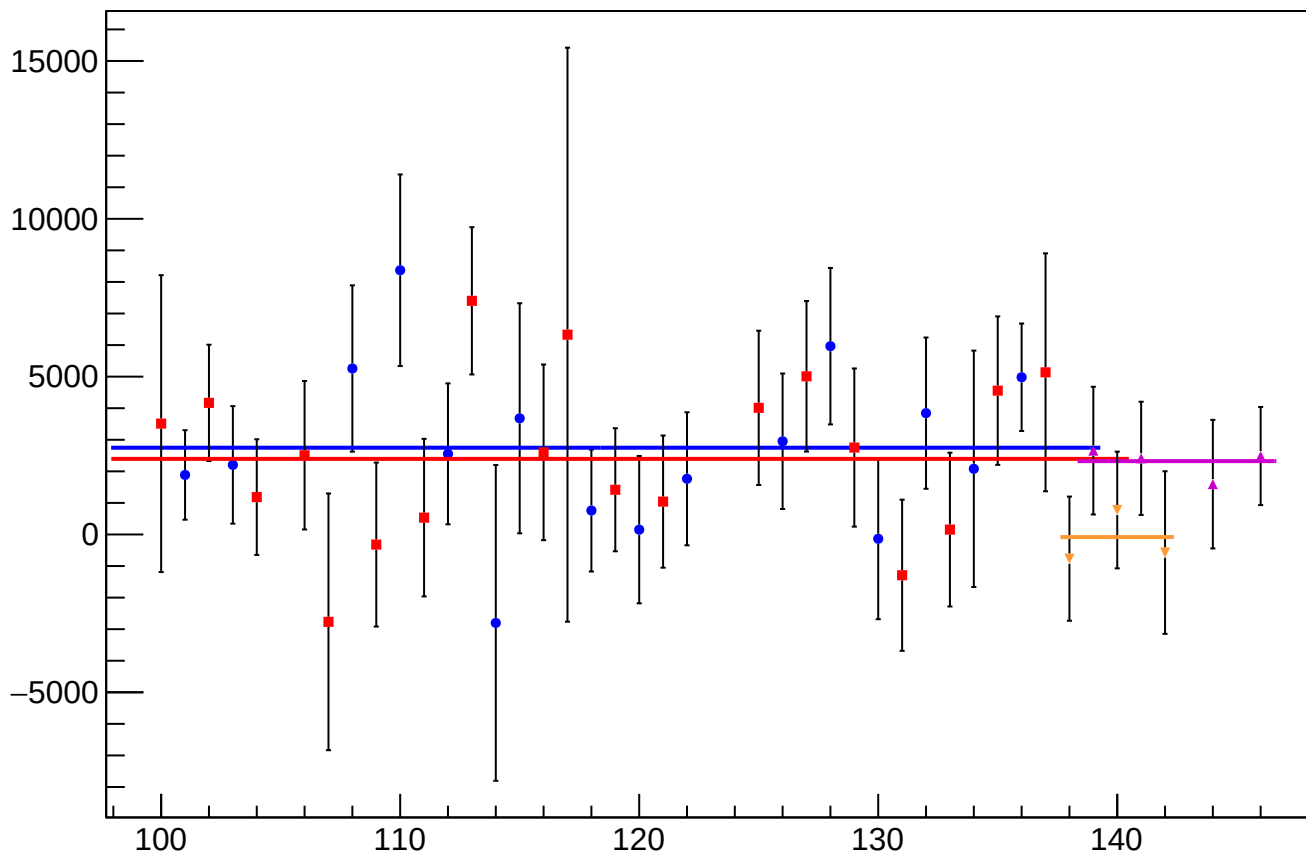
Left In: 1452.752 ± 0.581 $\chi^2/\text{NDF}: 128507.9/3$

1457.729 ± 0.741 $\chi^2/\text{NDF}: 5440.5/2$

1454.646 ± 0.457 $\chi^2/\text{NDF}: 133976.3/6$

1452.752 ± 0.581 $\chi^2/\text{NDF}: 128507.9/3$

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: -81.974 $\pm$ 1193.718 χ^2 /NDF: 0.4/2

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

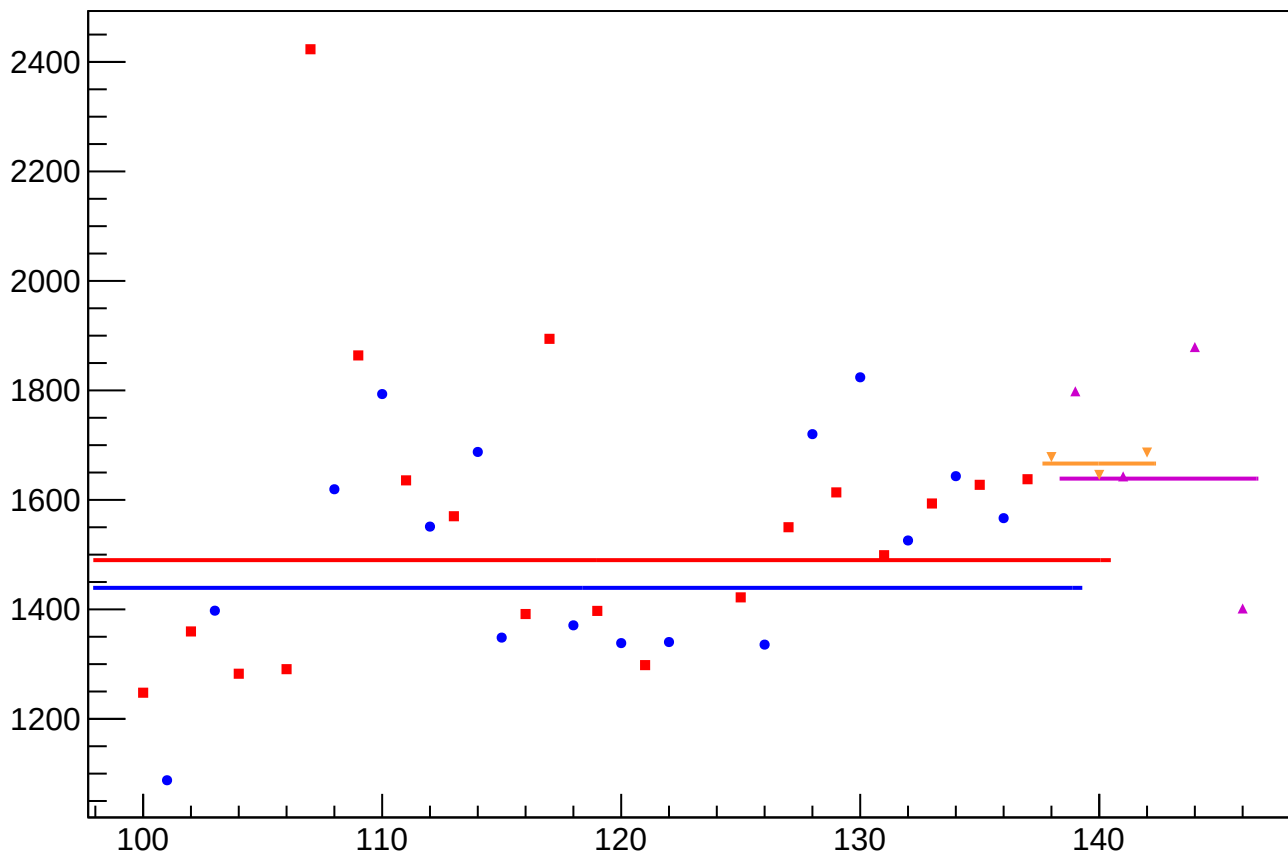
Left In: 2323.289 $\pm$ 908.917 χ^2 /NDF: 0.2/3

2233.767 $\pm$ 509.165 χ^2 /NDF: 18.5/18

2308.186 $\pm$ 349.879 χ^2 /NDF: 35.1/41

2374.764 $\pm$ 481.593 χ^2 /NDF: 16.6/22

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1666.396 $\pm$ 0.844 χ^2/NDF : 445.7/2

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

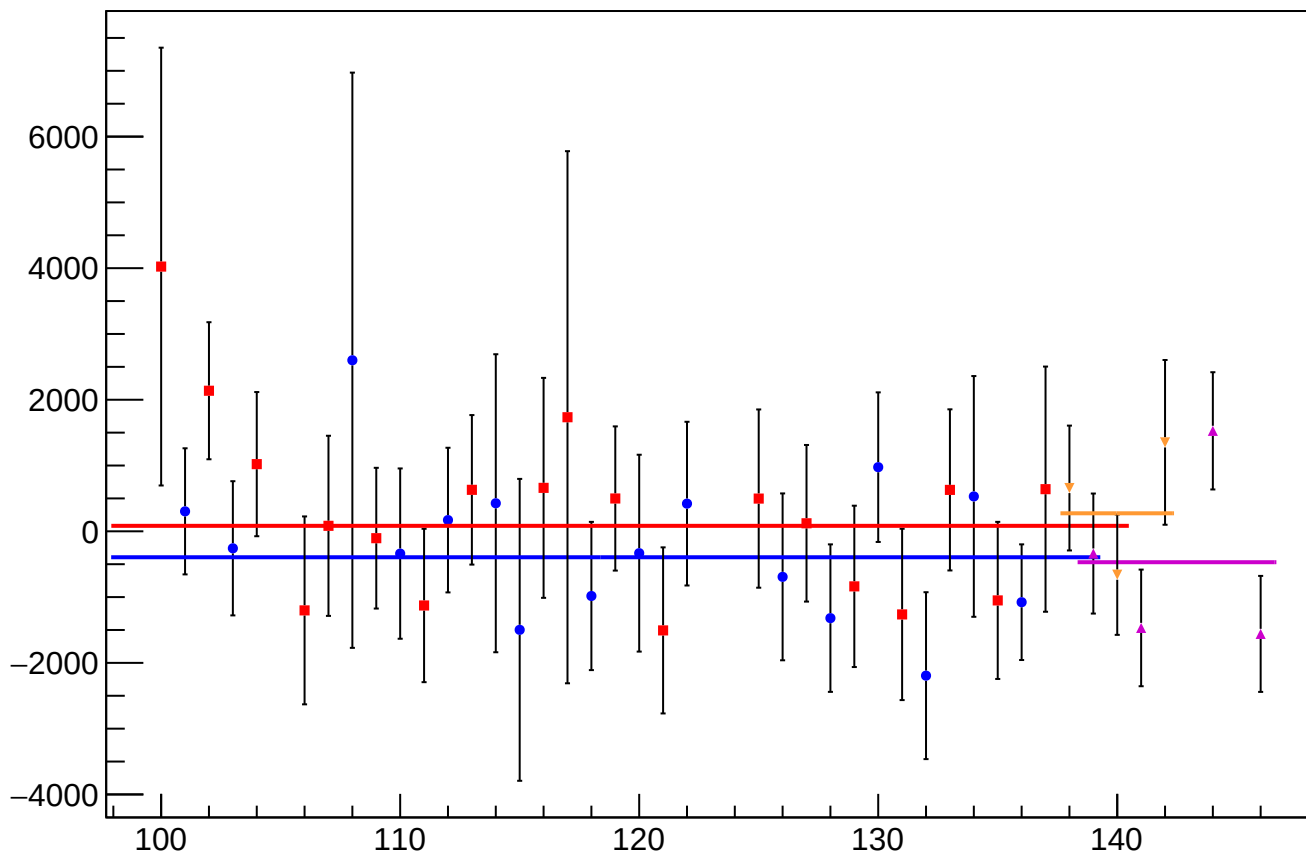
Left In: 1638.873 $\pm$ 0.643 χ^2/NDF : 86875.2/3

1480.643 $\pm$ 0.360 χ^2/NDF : 337505.0/18

1507.629 $\pm$ 0.247 χ^2/NDF : 733926.8/41

1531.771 $\pm$ 0.341 χ^2/NDF : 385777.5/22

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 273.852 $\pm$ 582.948 χ^2/NDF : 1.9/2

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

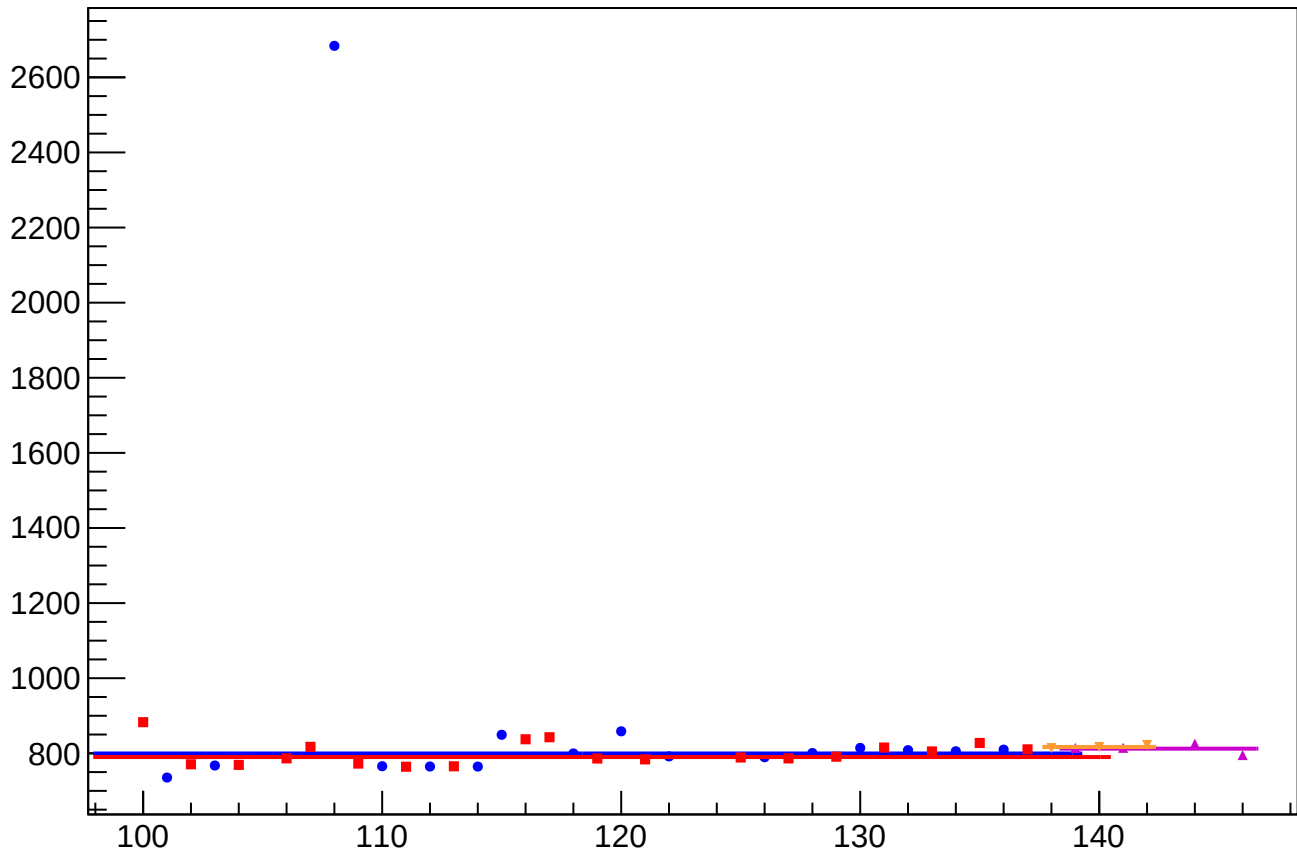
Left In: -469.784 $\pm$ 446.333 χ^2/NDF : 7.8/3

-244.703 $\pm$ 275.883 χ^2/NDF : 10.4/18

-157.314 $\pm$ 184.270 χ^2/NDF : 32.6/41

-86.924 $\pm$ 247.601 χ^2/NDF : 22.0/22

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 816.835+/-0.412 χ^2/NDF : 57.1/2

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

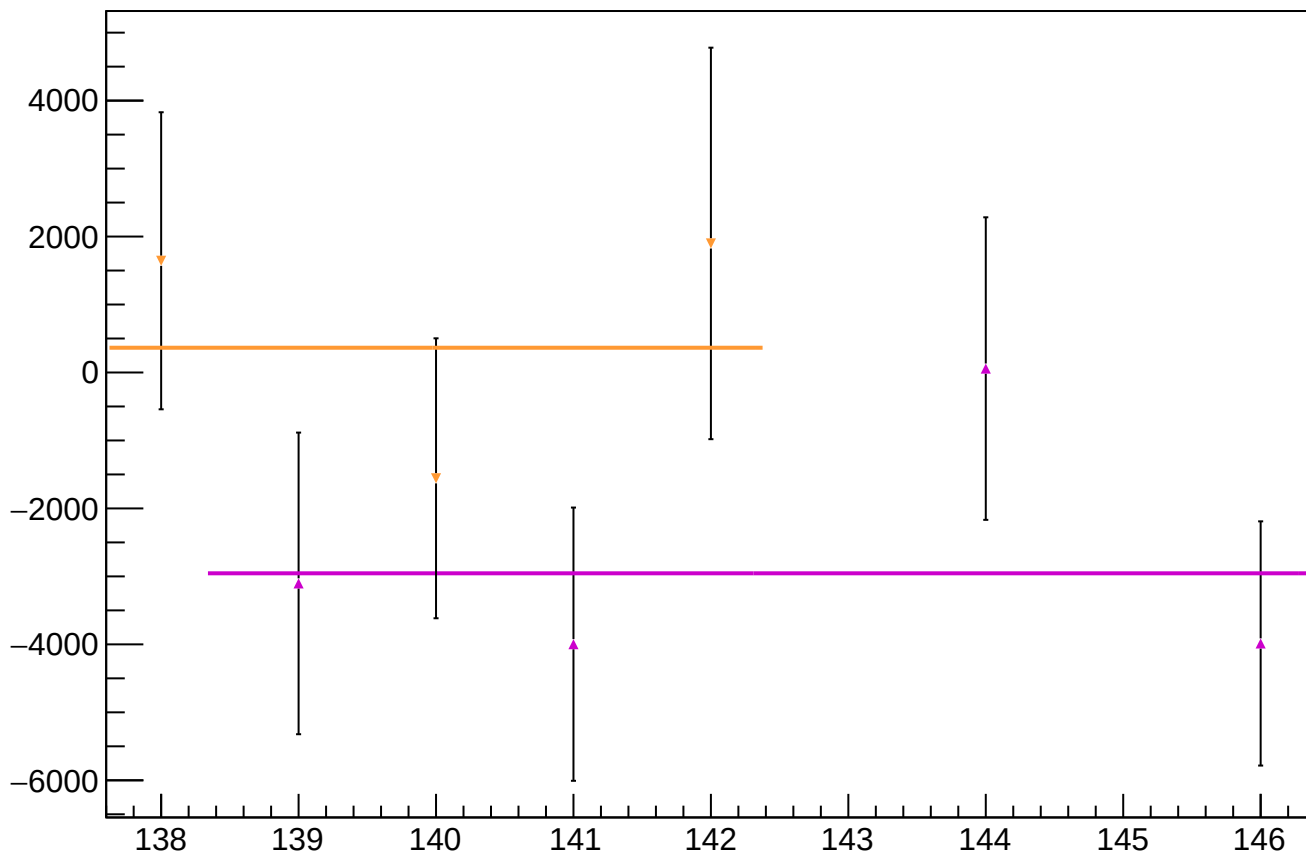
Left In: 812.430+/-0.316 χ^2/NDF : 1206.9/3

803.411+/-0.195 χ^2/NDF : 392609.5/18

799.837+/-0.130 χ^2/NDF : 409410.8/41

796.959+/-0.175 χ^2/NDF : 16195.3/22

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 364.223+/-1329.483 χ^2/NDF : 1.5/2

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

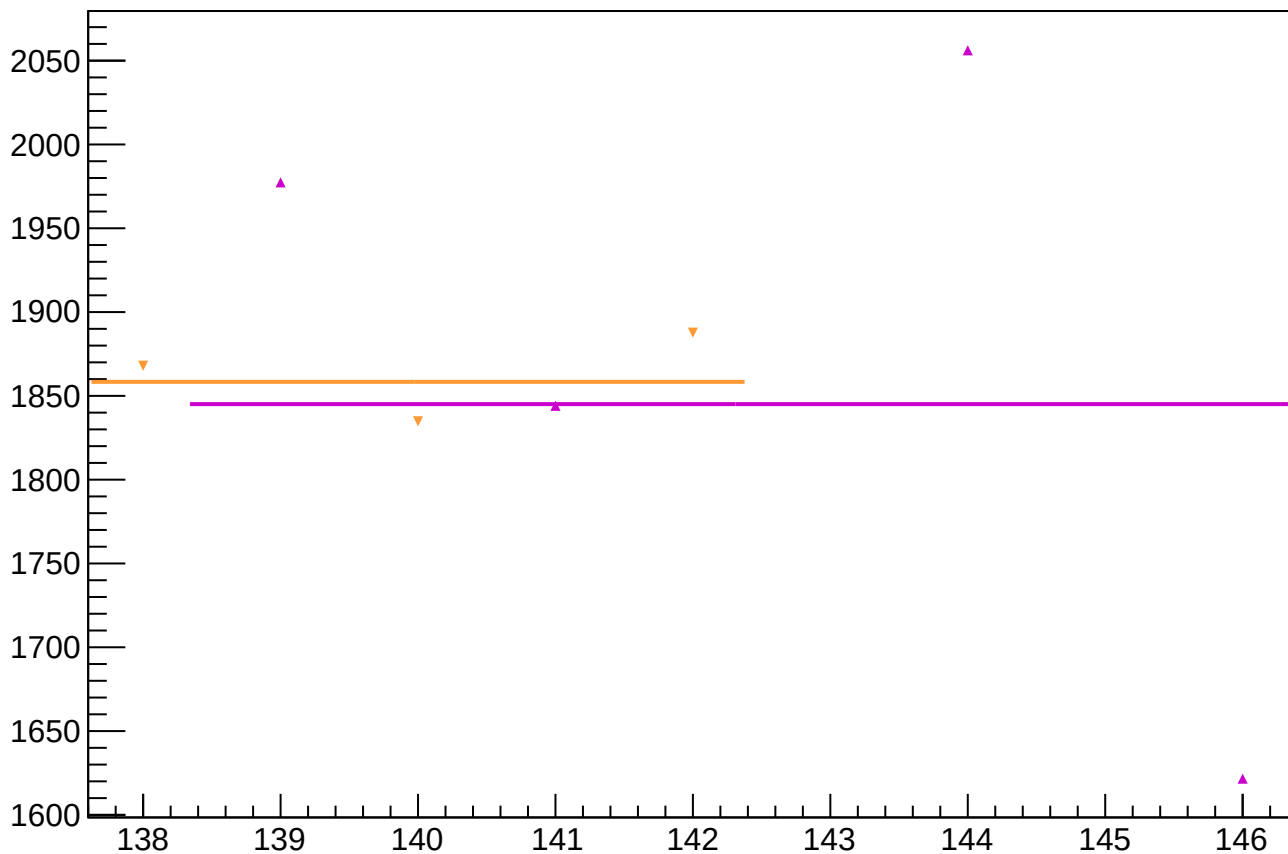
Left In: -2954.543+/-1019.387 χ^2/NDF : 2.4/3

364.223+/-1329.483 χ^2/NDF : 1.5/2

-1725.795+/-808.958 χ^2/NDF : 7.9/6

-2954.543+/-1019.387 χ^2/NDF : 2.4/3

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1858.372+/-0.940 χ^2/NDF : 508.1/2

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

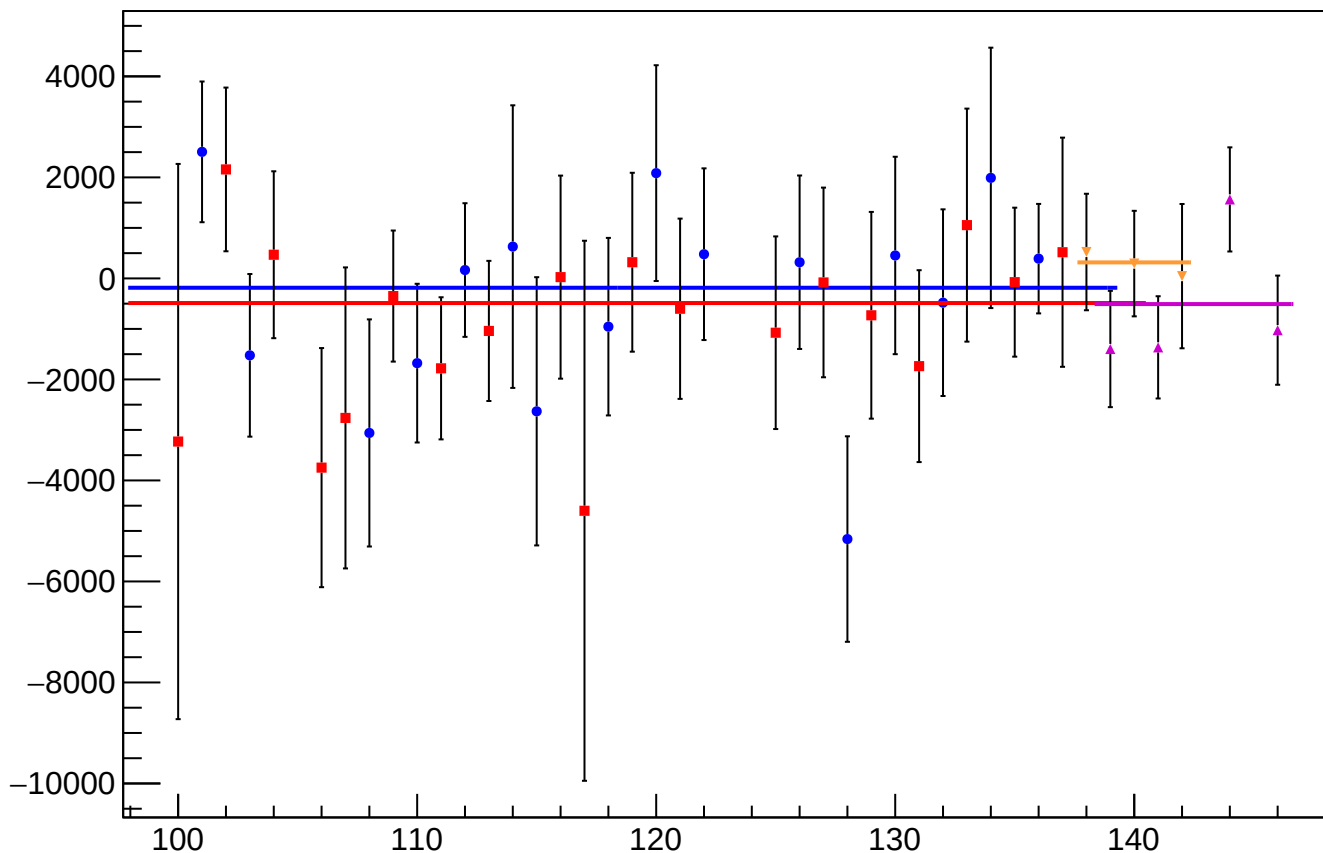
Left In: 1845.084+/-0.721 χ^2/NDF : 56053.3/3

1858.372+/-0.940 χ^2/NDF : 508.1/2

1850.004+/-0.572 χ^2/NDF : 56687.2/6

1845.084+/-0.721 χ^2/NDF : 56053.3/3

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 316.821 ± 680.646 χ^2/NDF : 0.1/2

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

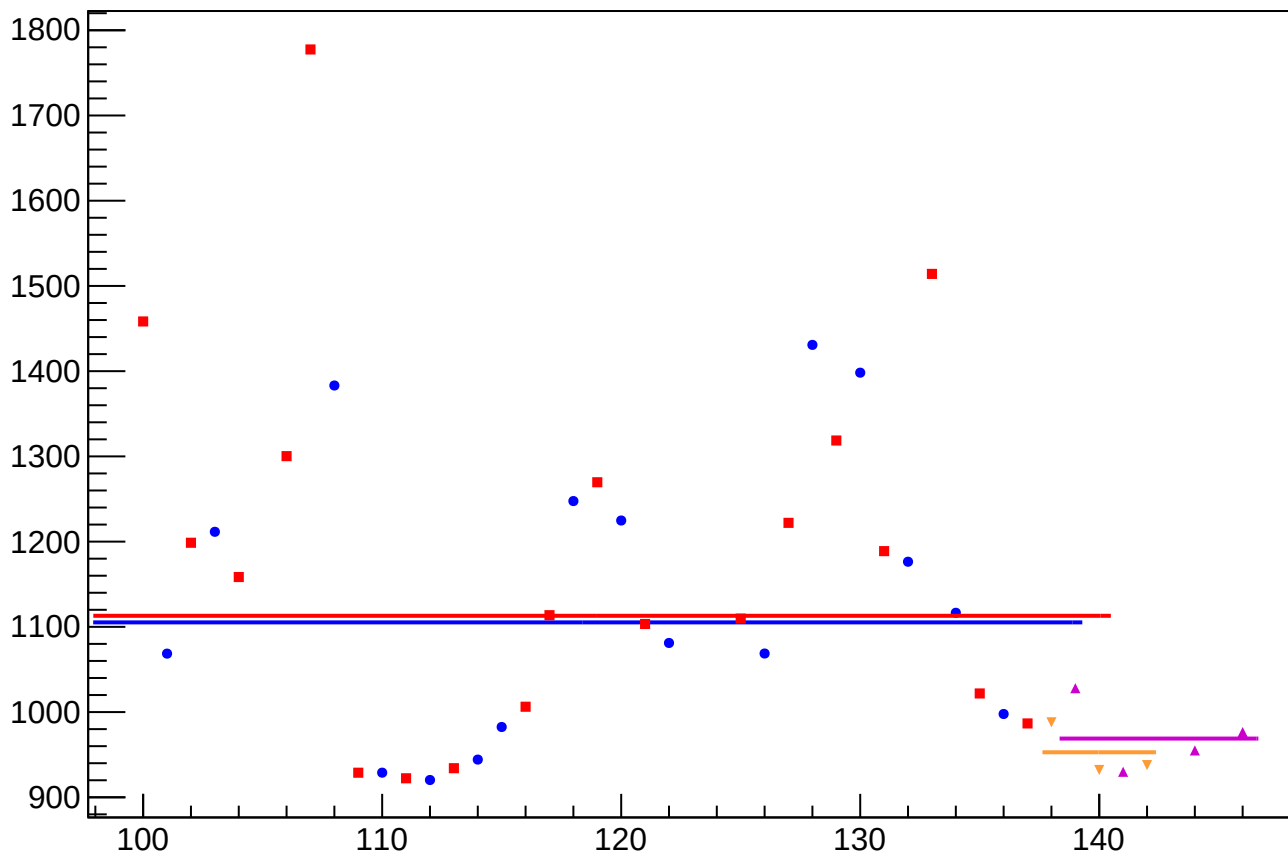
Left In: -508.287 ± 532.453 χ^2/NDF : 5.6/3

-41.178 ± 364.433 χ^2/NDF : 17.1/18

-289.209 ± 245.601 χ^2/NDF : 32.4/41

-495.592 ± 332.432 χ^2/NDF : 14.5/22

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 952.851 $\pm$ 0.481 χ^2 /NDF: 2868.7/2

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

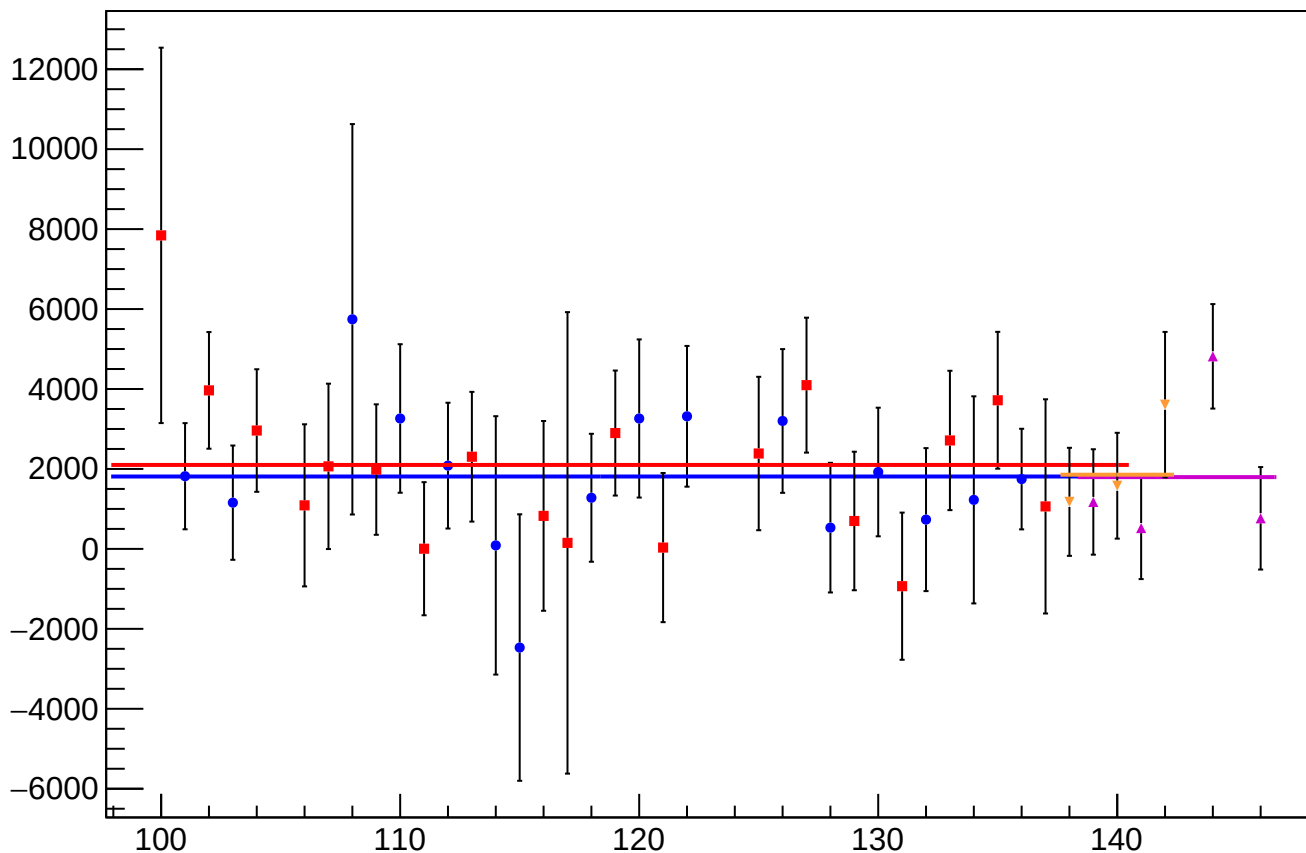
Left In: 968.914 $\pm$ 0.377 χ^2 /NDF: 8699.1/3

1061.550 $\pm$ 0.258 χ^2 /NDF: 329742.9/18

1058.969 $\pm$ 0.174 χ^2 /NDF: 790962.8/41

1056.822 $\pm$ 0.235 χ^2 /NDF: 461036.1/22

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1855.950 $\pm$ 839.208 χ^2 /NDF: 1.2/2

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

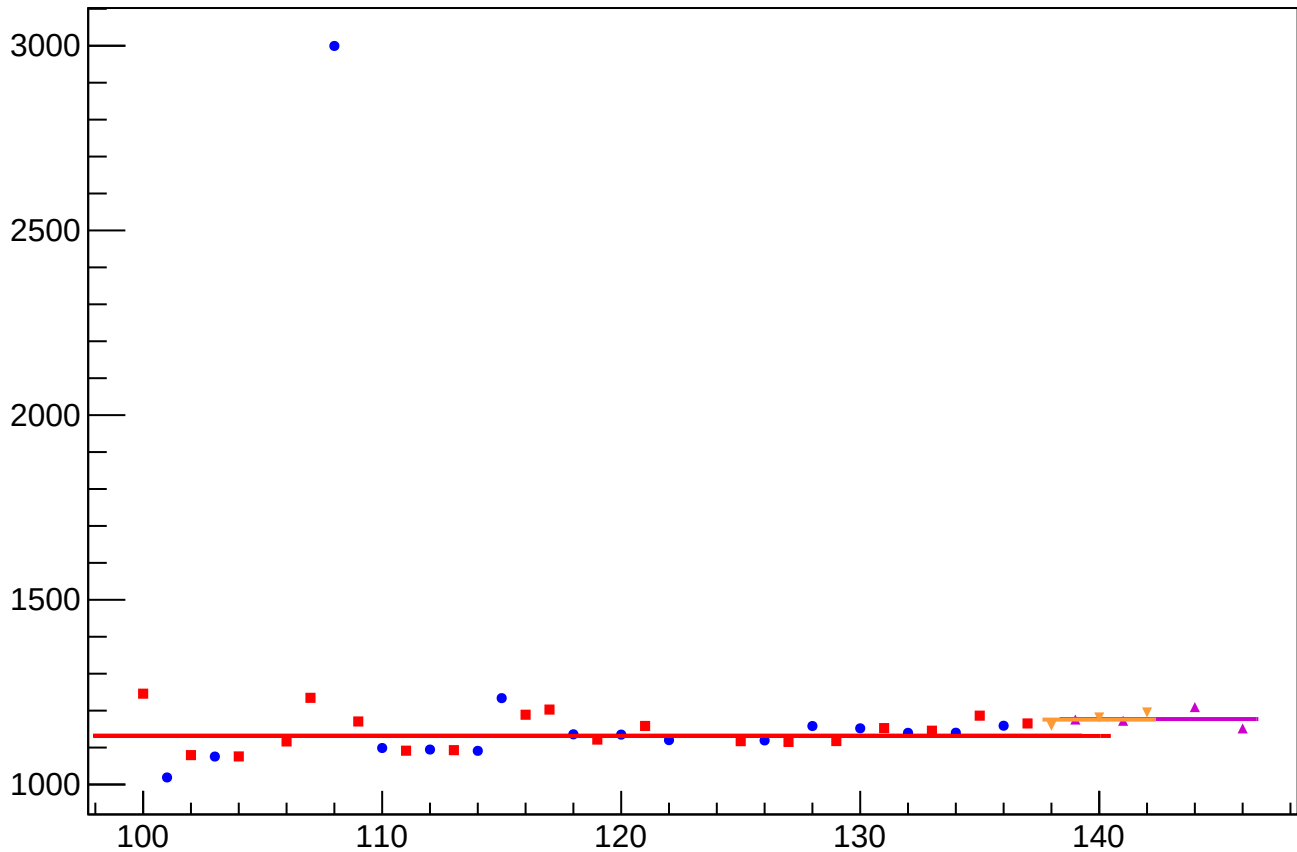
Left In: 1795.895 $\pm$ 647.738 χ^2 /NDF: 7.2/3

1820.808 $\pm$ 391.172 χ^2 /NDF: 7.7/18

1923.269 $\pm$ 263.377 χ^2 /NDF: 28.3/41

2008.237 $\pm$ 356.220 χ^2 /NDF: 20.5/22

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1175.750 $\pm$ 0.593 χ^2 /NDF:563.9/2

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

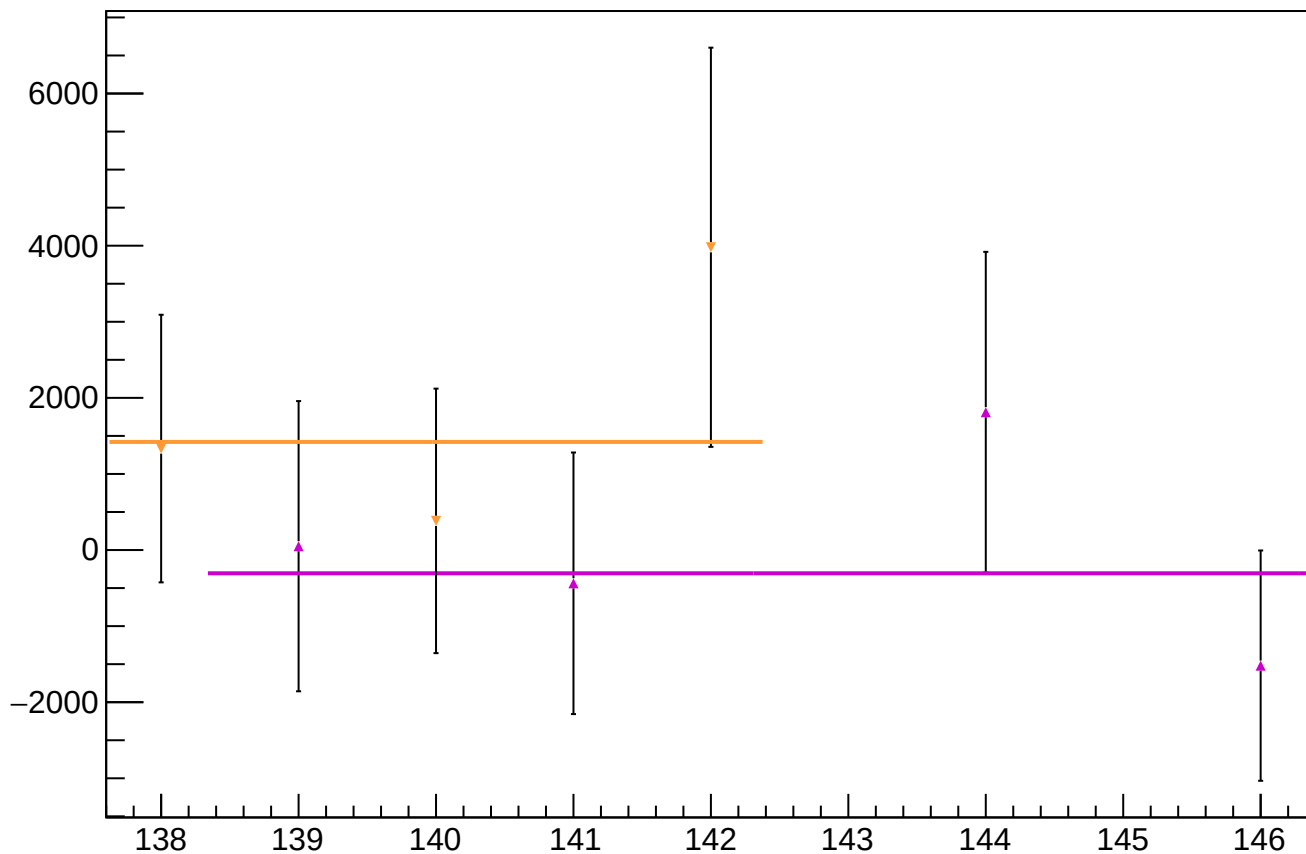
Left In: 1177.194 $\pm$ 0.458 χ^2 /NDF:2038.1/3

1141.564 $\pm$ 0.277 χ^2 /NDF: 320830.3/18

1143.582 $\pm$ 0.186 χ^2 /NDF: 349963.7/41

1145.256 $\pm$ 0.252 χ^2 /NDF: 29036.0/22

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: 1421.048+/-1118.336 χ^2/NDF : 1.3/2

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

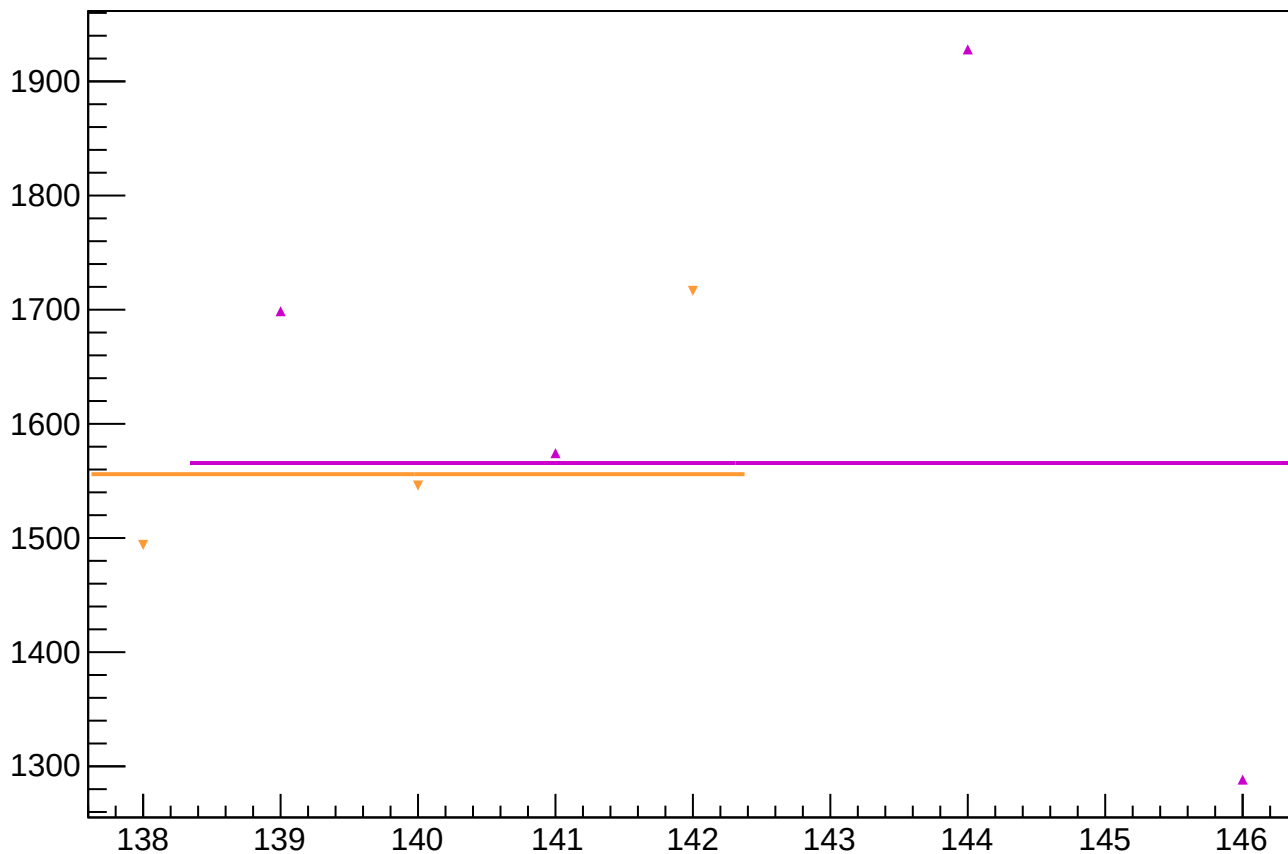
Left In: -305.598+/-885.651 χ^2/NDF : 1.7/3

1421.048+/-1118.336 χ^2/NDF : 1.3/2

359.910+/-694.300 χ^2/NDF : 4.5/6

-305.598+/-885.651 χ^2/NDF : 1.7/3

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1555.917+/-0.791 χ^2/NDF :10040.7/2

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

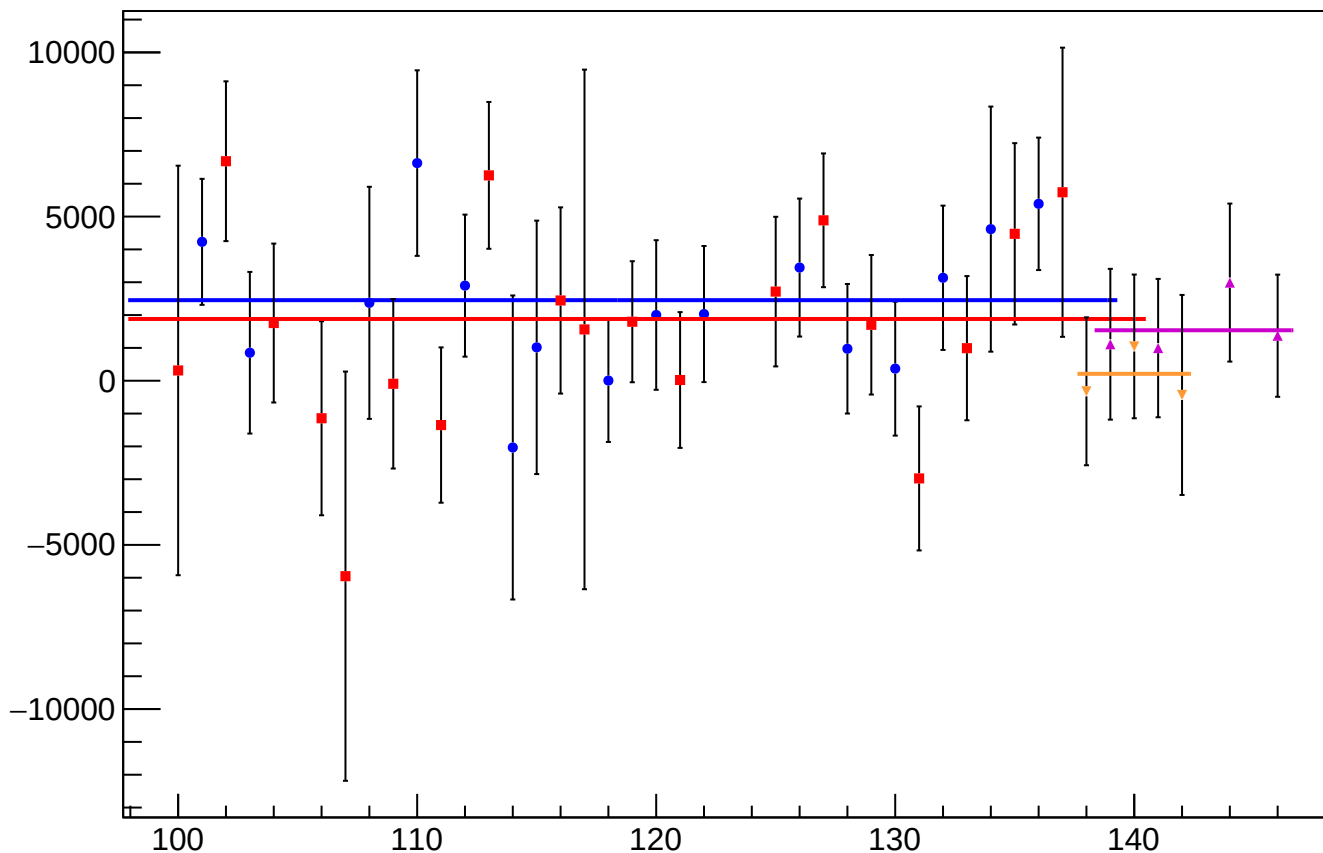
Left In: 1565.699+/-0.626 χ^2/NDF :136014.5/3

1555.917+/-0.791 χ^2/NDF : 10040.7/2

1561.929+/-0.491 χ^2/NDF : 146149.2/6

1565.699+/-0.626 χ^2/NDF : 136014.5/3

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 210.492 $\pm$ 1395.362 χ^2 /NDF: 0.2/2

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

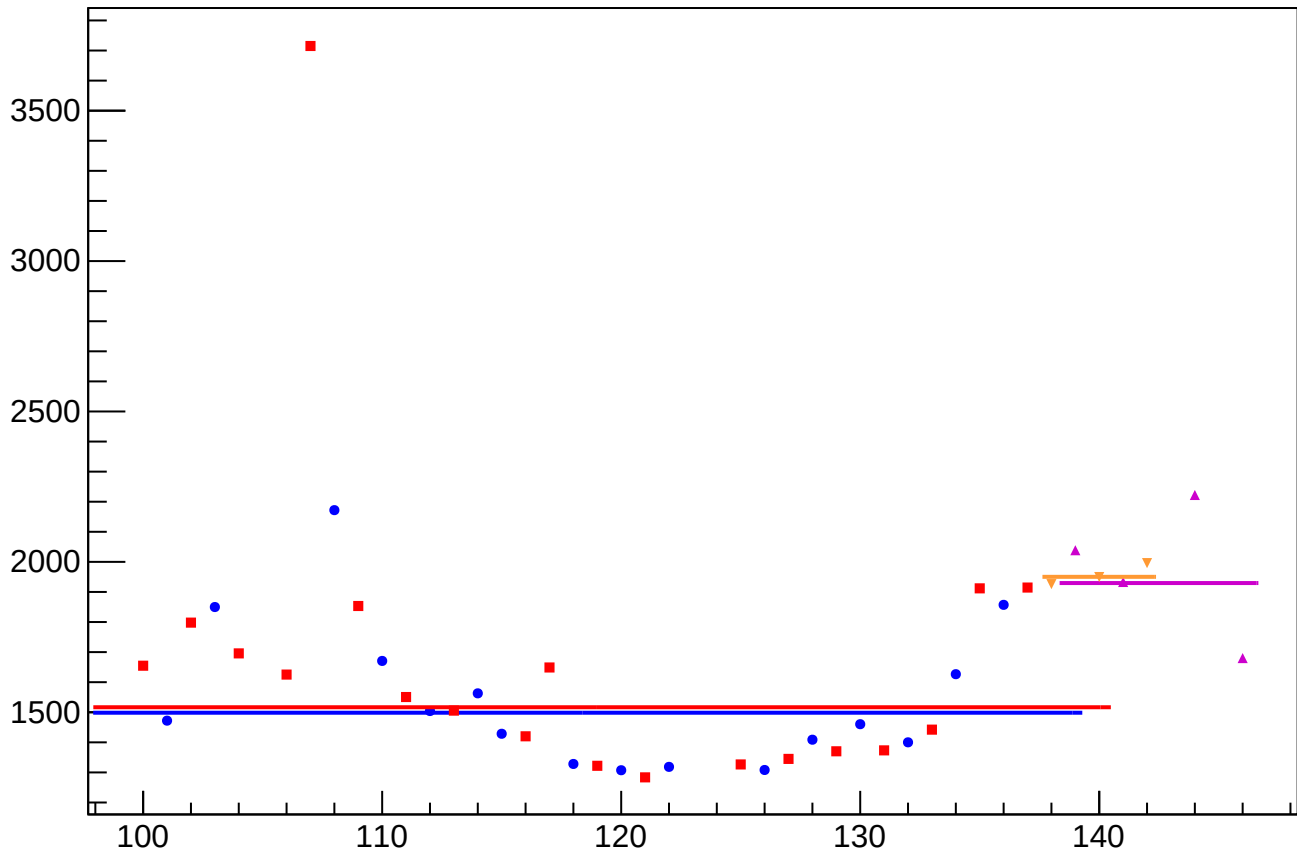
Left In: 1536.980 $\pm$ 1068.175 χ^2 /NDF: 0.5/3

2119.010 $\pm$ 538.961 χ^2 /NDF: 13.2/18

1952.193 $\pm$ 370.746 χ^2 /NDF: 36.7/41

1802.352 $\pm$ 510.800 χ^2 /NDF: 23.3/22

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1950.273 $\pm$ 0.987 χ^2 /NDF: 678.9/2

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

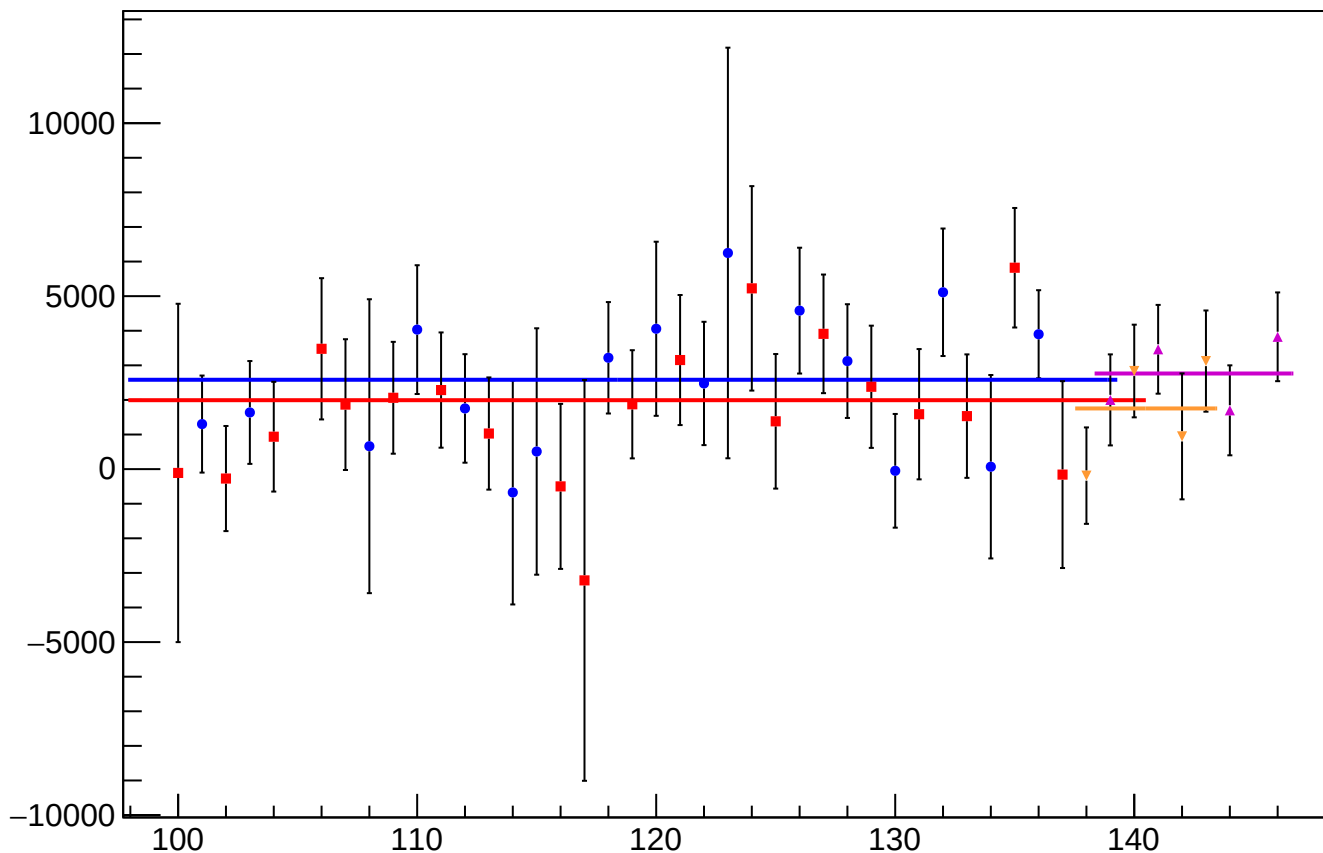
Left In: 1929.580 $\pm$ 0.755 χ^2 /NDF: 70080.9/3

1565.887 $\pm$ 0.381 χ^2 /NDF: 437871.7/18

1589.700 $\pm$ 0.262 χ^2 /NDF: 1226982.2/41

1611.089 $\pm$ 0.361 χ^2 /NDF: 781699.3/22

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1753.845 $\pm$ 736.935 χ^2 /NDF: 3.7/3

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

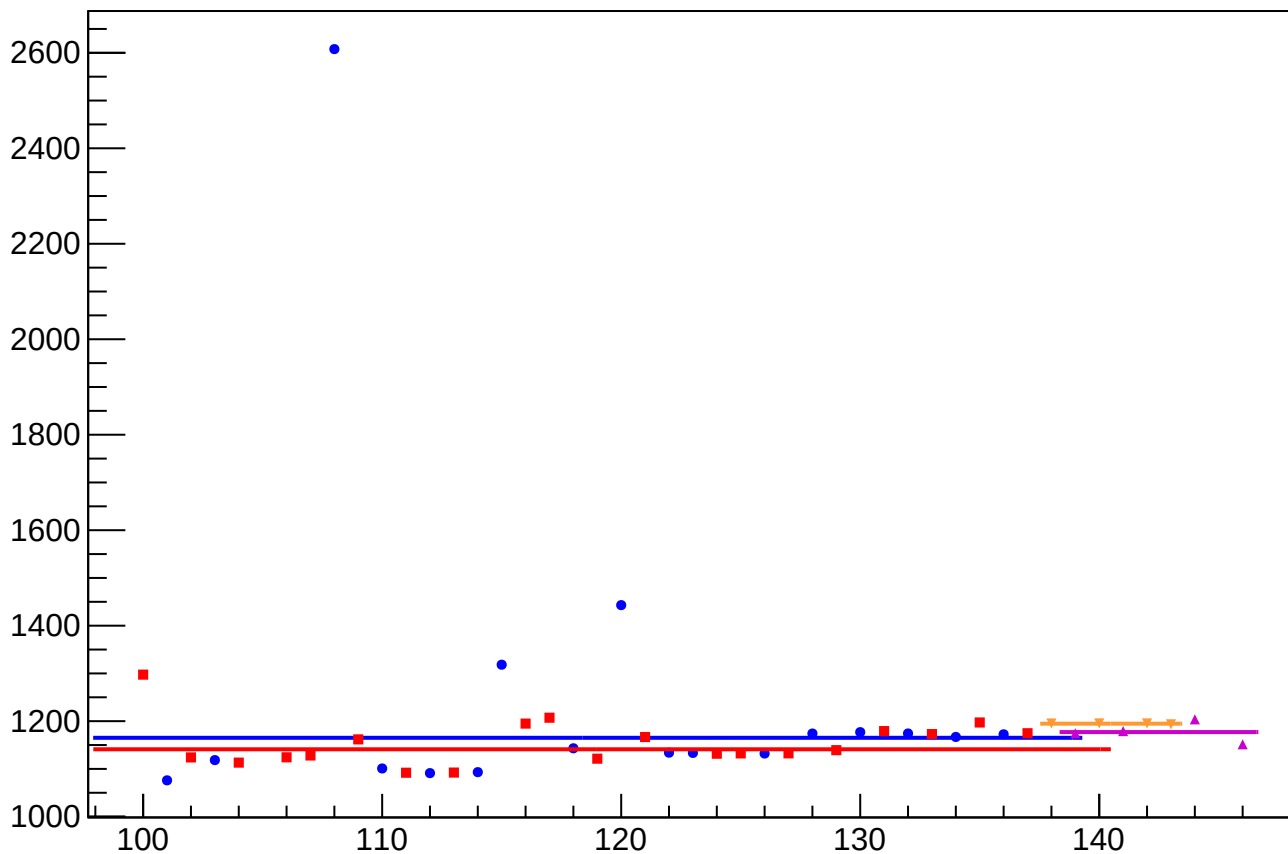
Left In: 2764.112 $\pm$ 647.636 χ^2 /NDF: 2.0/3

2355.463 $\pm$ 386.037 χ^2 /NDF: 16.9/20

2285.011 $\pm$ 261.576 χ^2 /NDF: 34.2/44

2225.205 $\pm$ 355.675 χ^2 /NDF: 17.3/23

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1194.740 $\pm$ 0.521 χ^2/NDF : 2.3/3

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

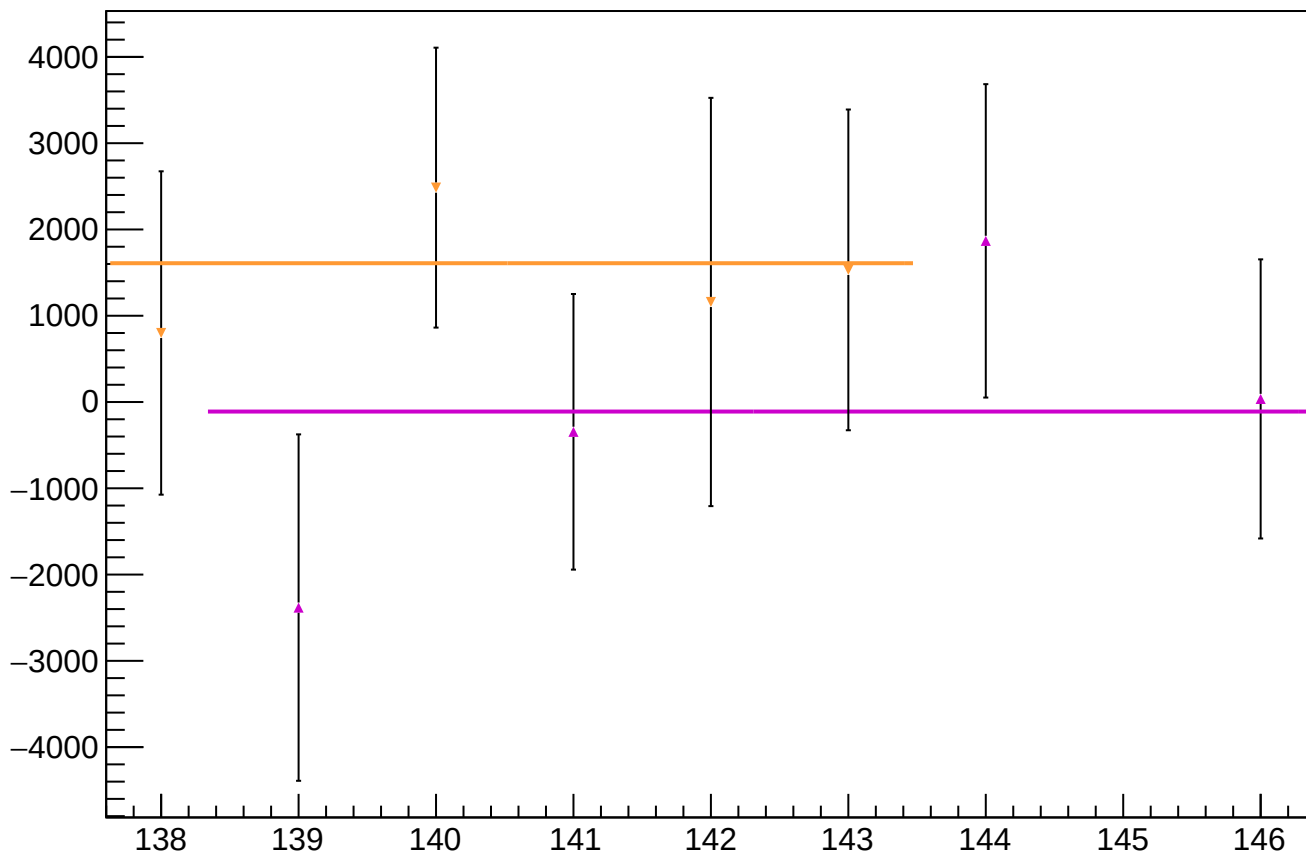
Left In: 1177.159 $\pm$ 0.458 χ^2/NDF : 1648.9/3

1173.267 $\pm$ 0.273 χ^2/NDF : 280912.7/20

1161.755 $\pm$ 0.185 χ^2/NDF : 303156.7/44

1151.983 $\pm$ 0.252 χ^2/NDF : 18955.8/23

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1608.845+/-939.582 χ^2/NDF : 0.5/3

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

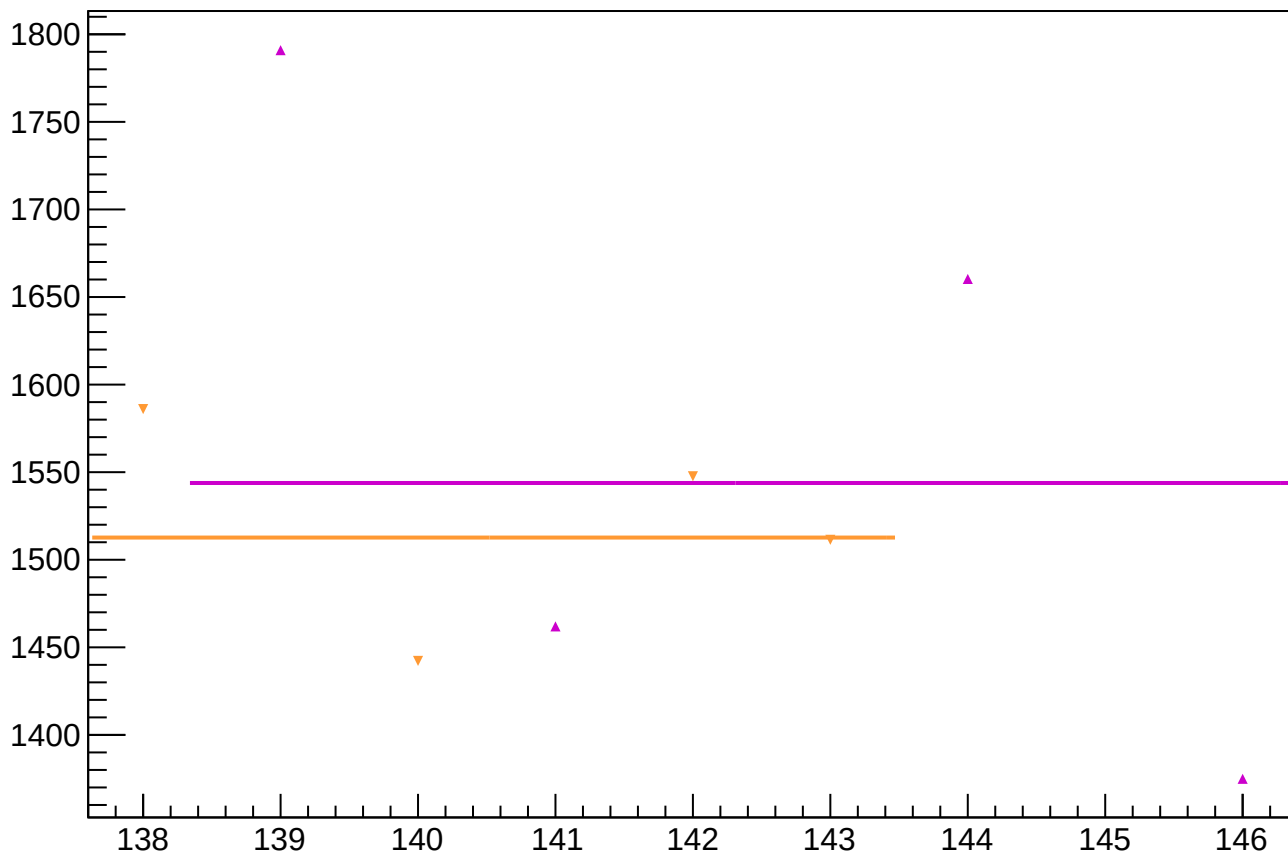
Left In: -110.489+/-868.644 χ^2/NDF : 2.5/3

1608.845+/-939.582 χ^2/NDF : 0.5/3

681.832+/-637.830 χ^2/NDF : 4.8/7

-110.489+/-868.644 χ^2/NDF : 2.5/3

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1512.677+/-0.664 χ^2/NDF : 7271.5/3

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

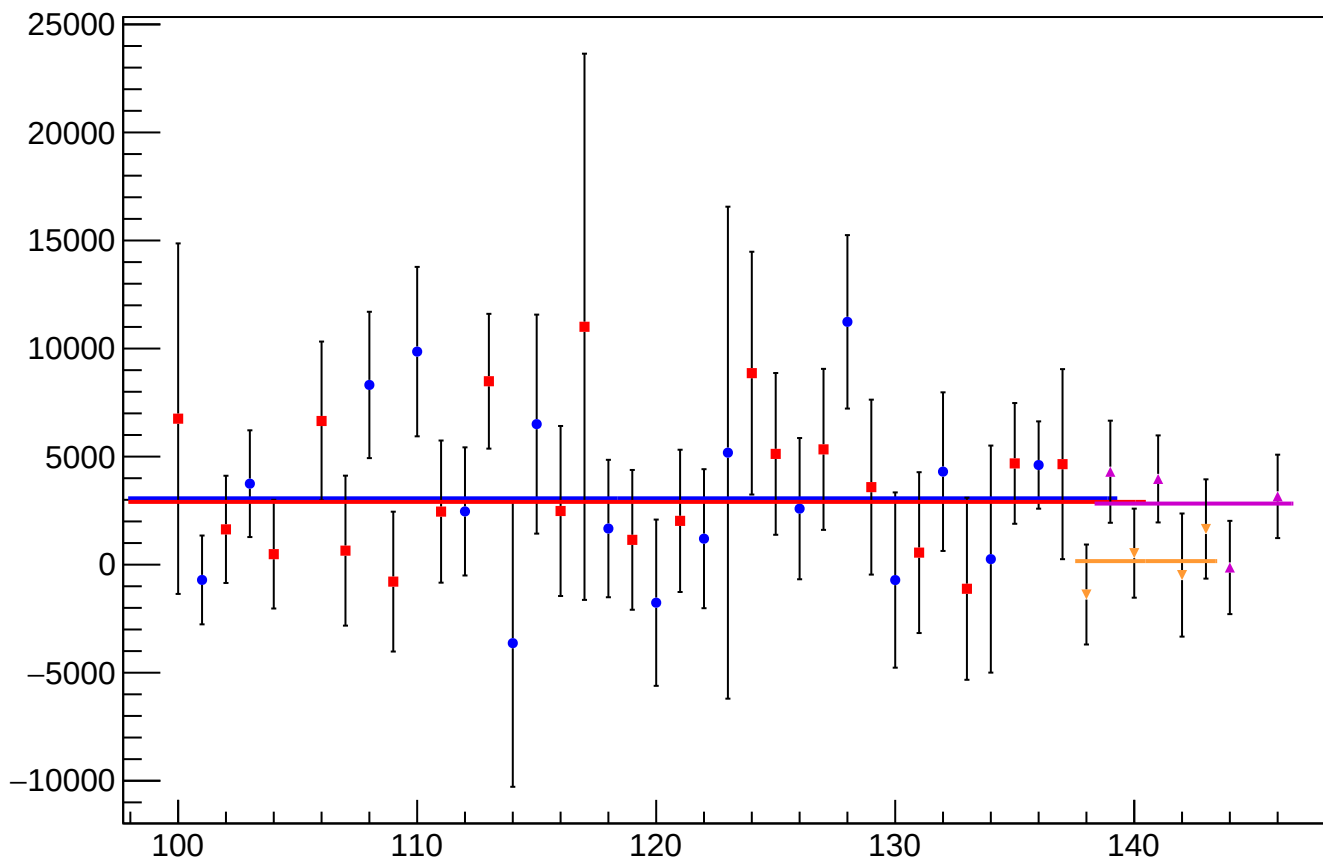
Left In: 1543.829+/-0.614 χ^2/NDF : 65581.2/3

1512.677+/-0.664 χ^2/NDF : 7271.5/3

1529.473+/-0.451 χ^2/NDF : 74038.1/7

1543.829+/-0.614 χ^2/NDF : 65581.2/3

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 163.892 $\pm$ 1166.364 χ^2 /NDF: 0.9/3

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

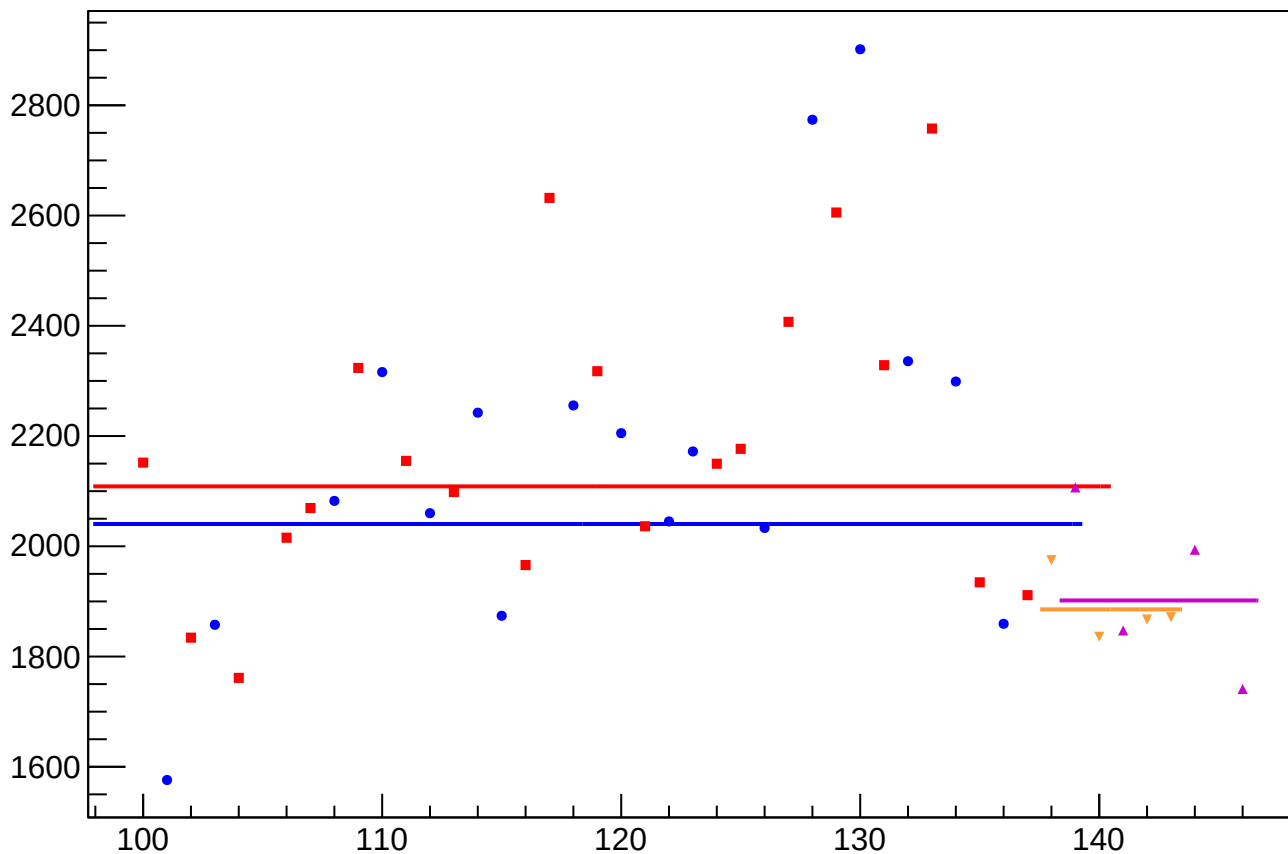
Left In: 2826.033 $\pm$ 1048.838 χ^2 /NDF: 2.6/3

2143.455 $\pm$ 658.460 χ^2 /NDF: 23.7/20

2524.222 $\pm$ 456.314 χ^2 /NDF: 39.0/44

2876.056 $\pm$ 632.947 χ^2 /NDF: 14.6/23

asym_usr_rms vs Slug, Sign Corrected



Right In: 2040.433 $\pm$ 0.564 χ^2/NDF : 331339.9/16

Left Out: 1885.591 $\pm$ 0.825 χ^2/NDF : 4301.6/3

Right Out: 2108.696 $\pm$ 0.561 χ^2/NDF : 198858.0/19

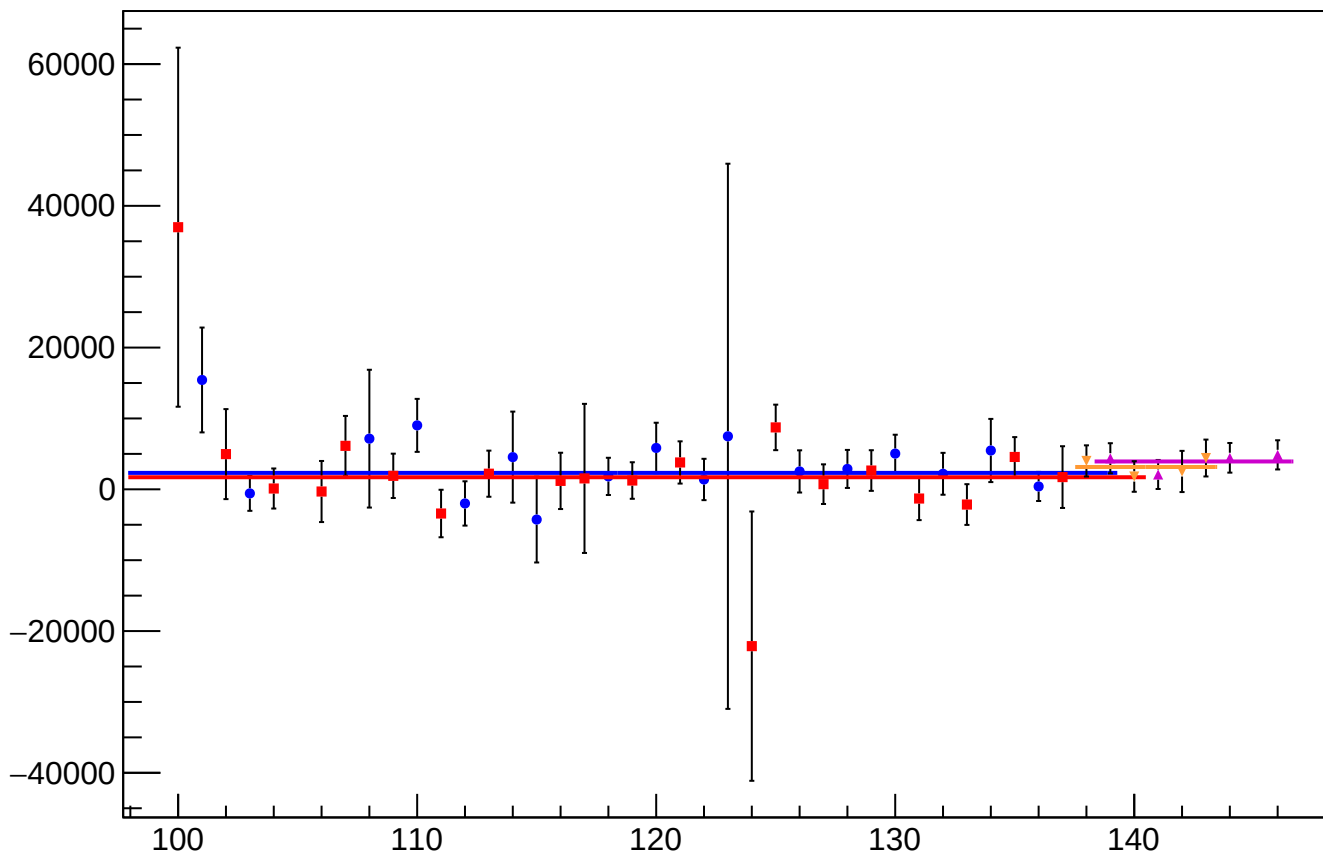
Left In: 1901.751 $\pm$ 0.742 χ^2/NDF : 34003.5/3

1991.084 $\pm$ 0.466 χ^2/NDF : 359656.2/20

2013.042 $\pm$ 0.323 χ^2/NDF : 646302.6/44

2033.331 $\pm$ 0.448 χ^2/NDF : 282367.4/23

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2319.038 $\pm$ 801.440 χ^2 /NDF: 14.8/16

Left Out: 3150.527 $\pm$ 1205.932 χ^2 /NDF: 0.8/3

Right Out: 1704.595 $\pm$ 780.689 χ^2 /NDF: 17.2/19

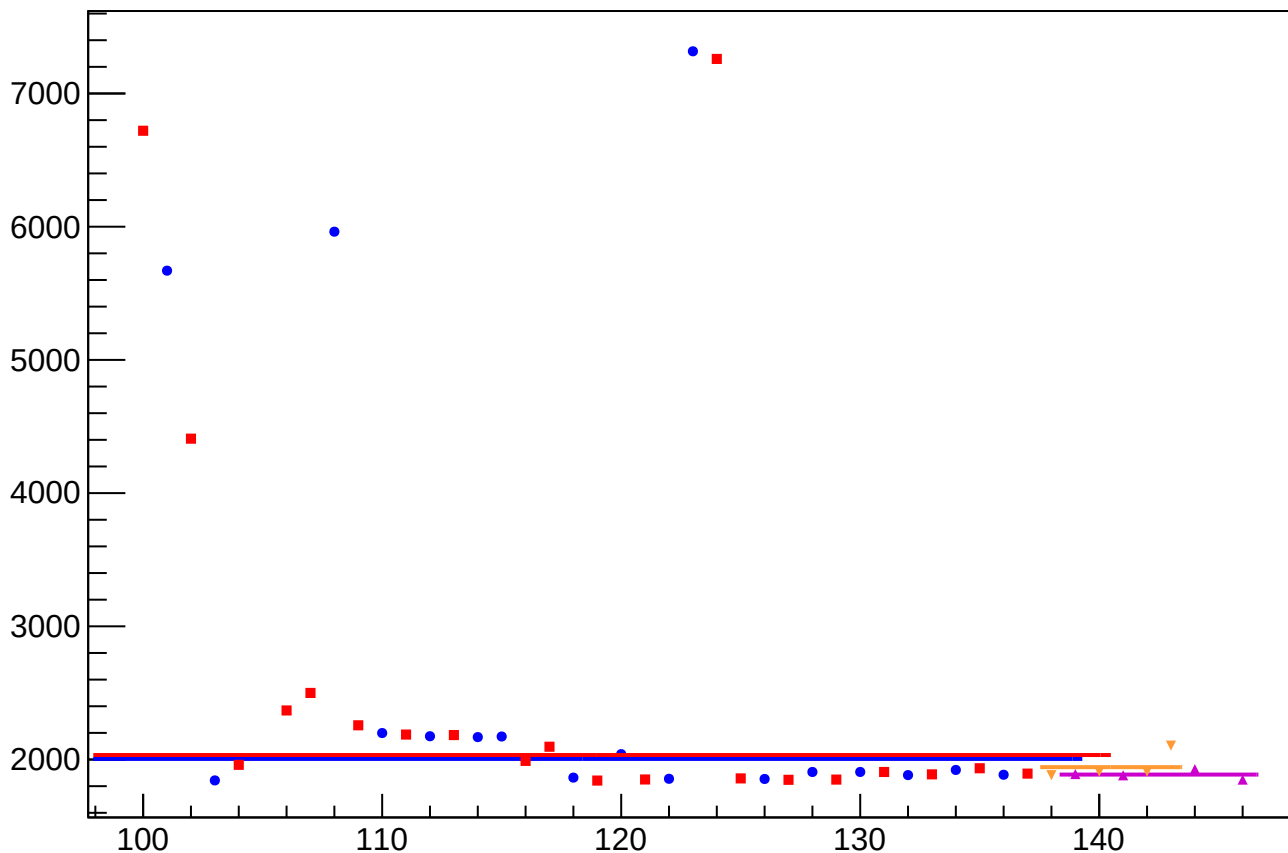
Left In: 3930.090 $\pm$ 1039.983 χ^2 /NDF: 1.1/3

2573.772 $\pm$ 667.480 χ^2 /NDF: 16.0/20

2537.997 $\pm$ 455.967 χ^2 /NDF: 37.2/44

2506.695 $\pm$ 624.349 χ^2 /NDF: 21.2/23

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1942.799+/-0.853 χ^2/NDF :10008.4/3

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

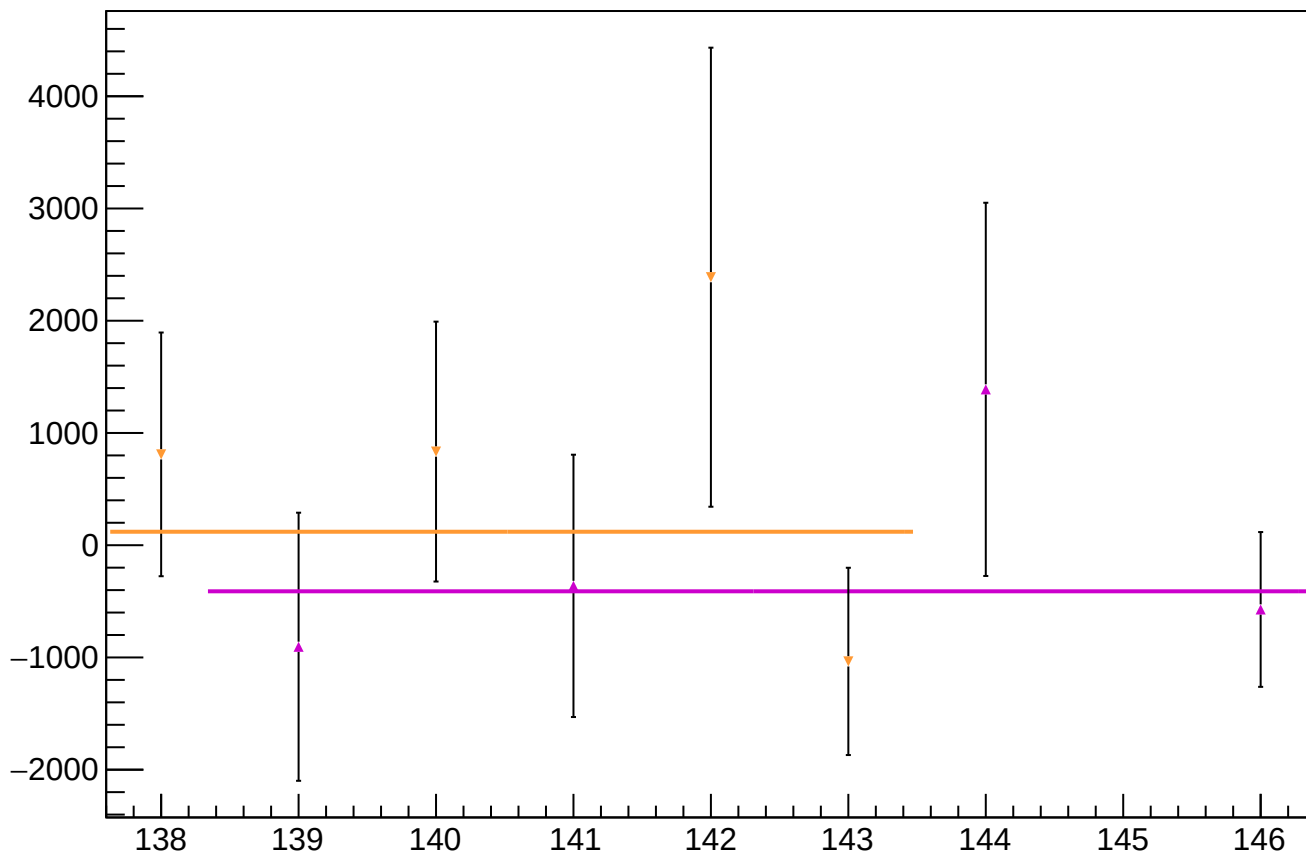
Left In: 1887.068+/-0.735 χ^2/NDF :1463.2/3

1985.632+/-0.472 χ^2/NDF : 929659.5/20

1983.129+/-0.322 χ^2/NDF : 1567732.0/44

1980.938+/-0.441 χ^2/NDF : 638019.7/23

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 120.047+/-552.954 χ^2/NDF : 3.9/3

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

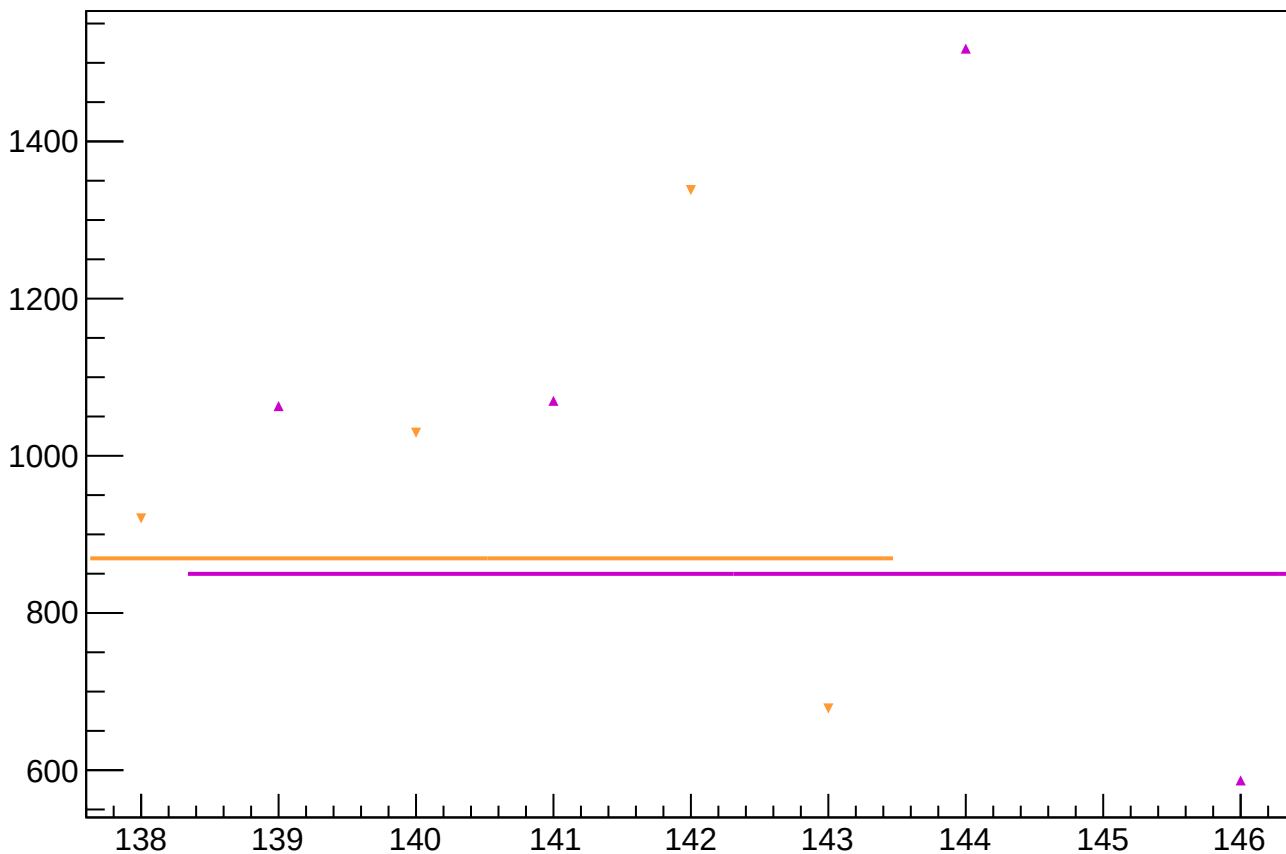
Left In: -410.678+/-506.496 χ^2/NDF : 1.4/3

120.047+/-552.954 χ^2/NDF : 3.9/3

-168.544+/-373.493 χ^2/NDF : 5.8/7

-410.678+/-506.496 χ^2/NDF : 1.4/3

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 869.527+/-0.391 χ^2/NDF : 252343.6/3

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

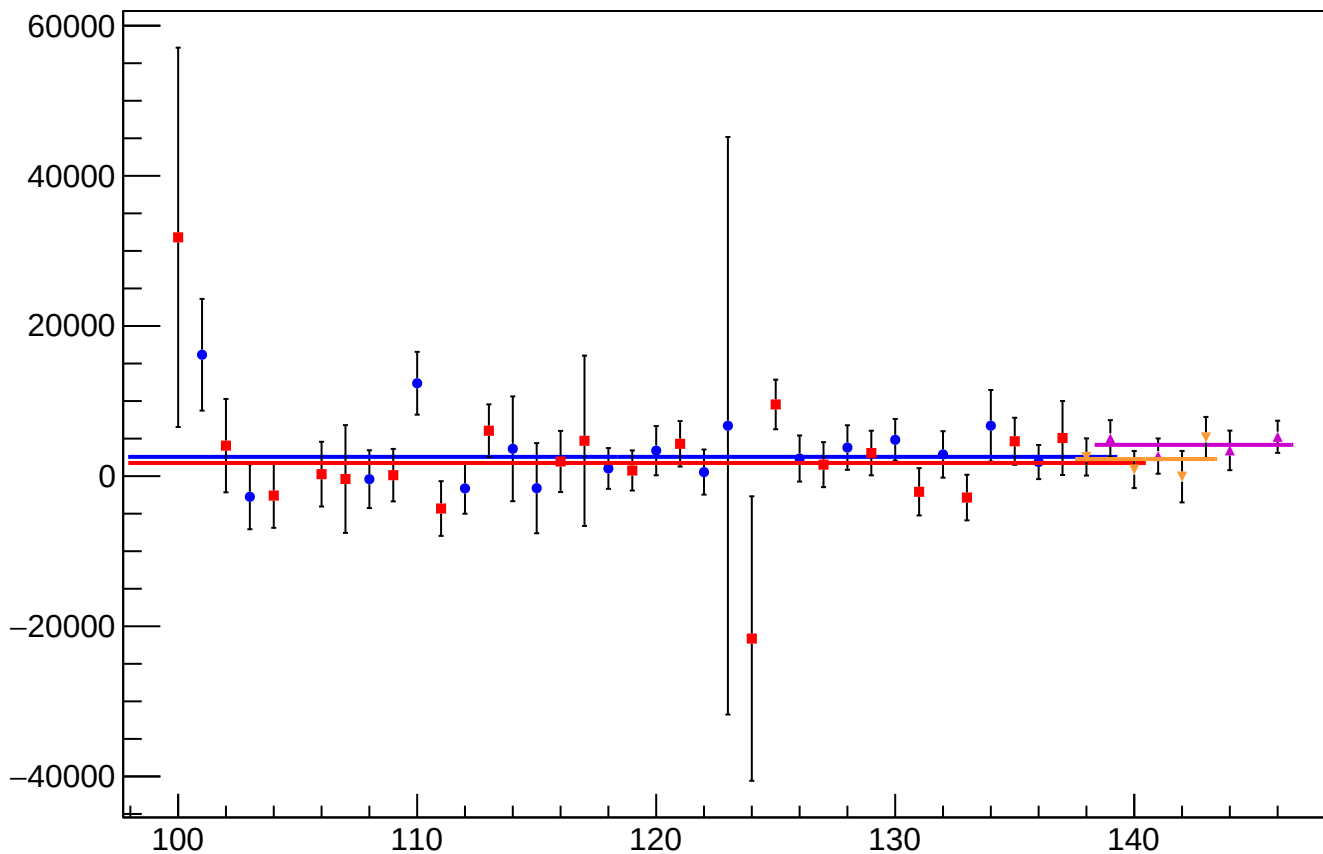
Left In: 849.792+/-0.358 χ^2/NDF : 748619.5/3

869.527+/-0.391 χ^2/NDF : 252343.6/3

858.795+/-0.264 χ^2/NDF : 1002348.4/7

849.792+/-0.358 χ^2/NDF : 748619.5/3

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2279.344 $\pm$ 1353.190 χ^2 /NDF: 1.9/3

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

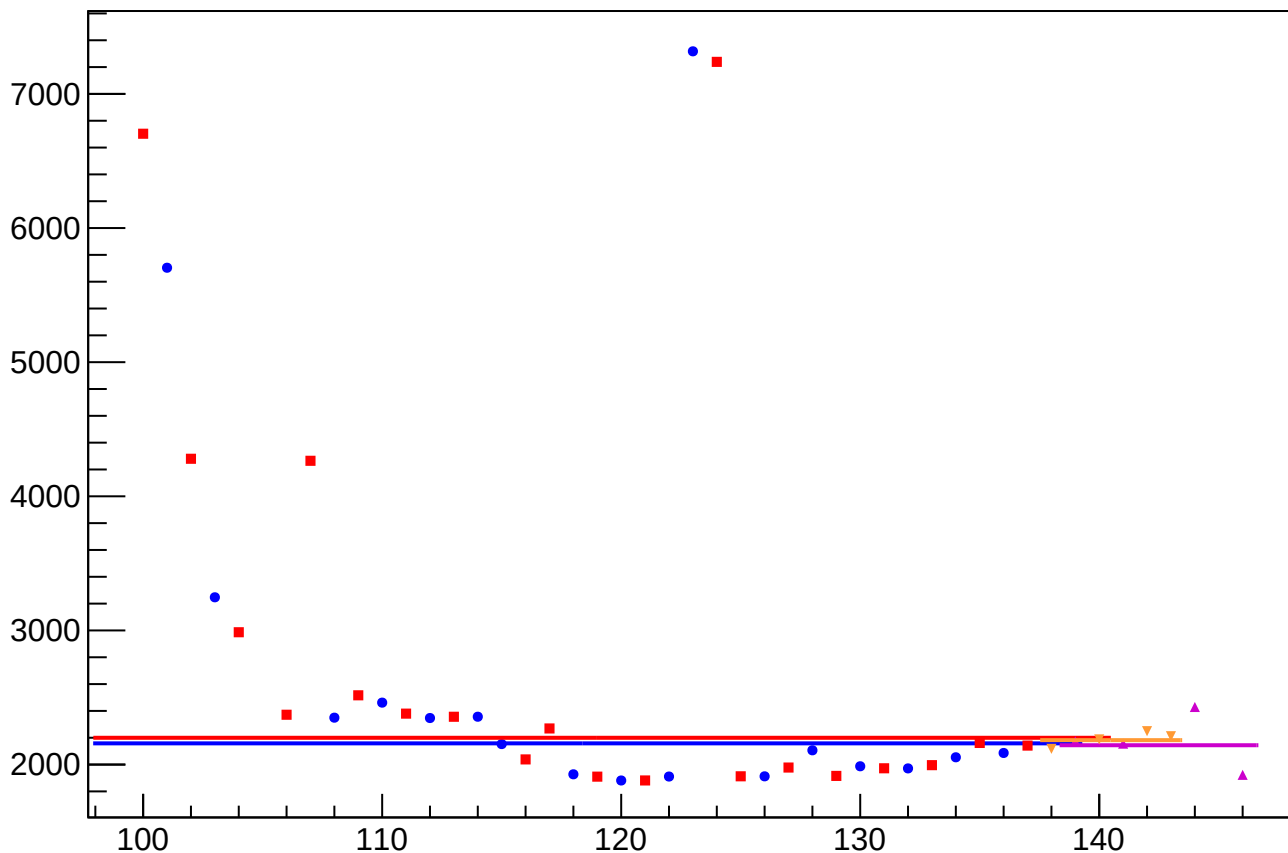
Left In: 4165.112 $\pm$ 1186.096 χ^2 /NDF: 0.9/3

2484.632 $\pm$ 723.465 χ^2 /NDF: 17.5/20

2531.013 $\pm$ 499.816 χ^2 /NDF: 41.7/44

2573.365 $\pm$ 691.322 χ^2 /NDF: 24.2/23

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2158.148 $\pm$ 0.605 χ^2 /NDF: 713862.1/16

Left Out: 2181.985 $\pm$ 0.957 χ^2 /NDF: 2364.6/3

Right Out: 2199.736 $\pm$ 0.602 χ^2 /NDF: 803097.4/19

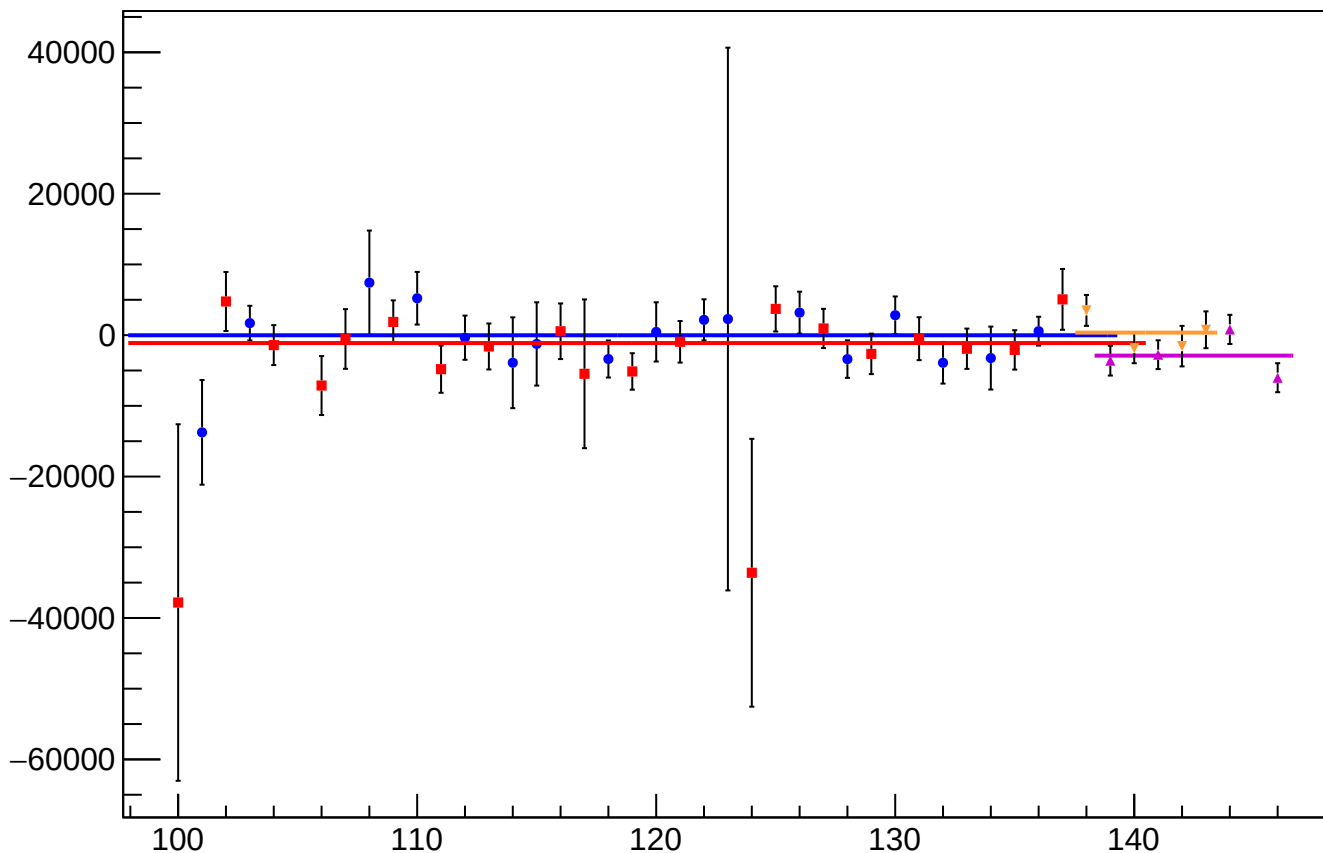
Left In: 2144.158 $\pm$ 0.839 χ^2 /NDF: 44979.2/3

2164.962 $\pm$ 0.512 χ^2 /NDF: 716670.0/20

2173.269 $\pm$ 0.353 χ^2 /NDF: 1568150.6/44

2180.855 $\pm$ 0.489 χ^2 /NDF: 850976.1/23

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 356.374+/-1196.768 χ^2/NDF : 3.6/3

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

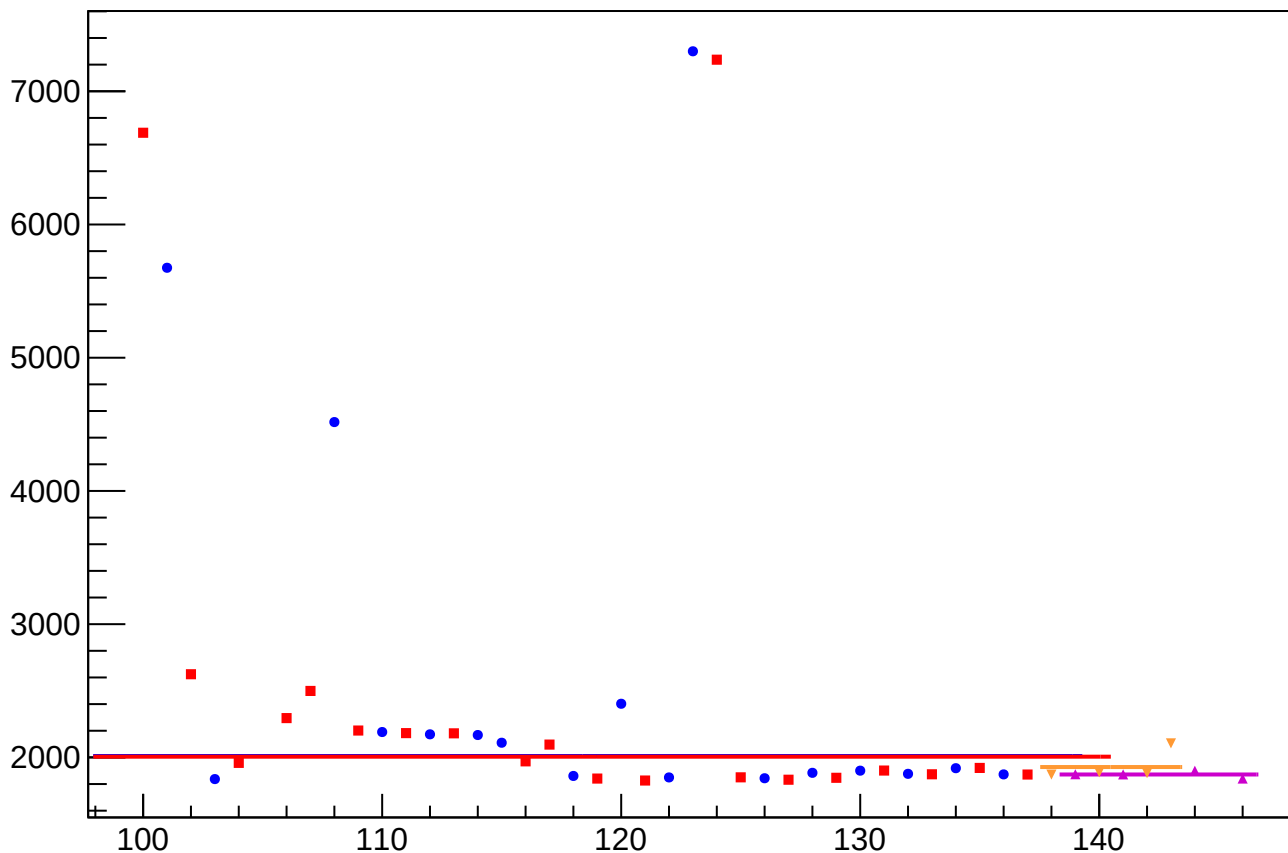
Left In: -2897.454+/-1031.330 χ^2/NDF : 5.7/3

97.713+/-665.894 χ^2/NDF : 19.5/20

-899.797+/-452.111 χ^2/NDF : 50.8/44

-1752.876+/-615.802 χ^2/NDF : 27.2/23

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1927.645+/-0.846 χ^2/NDF :11867.6/3

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

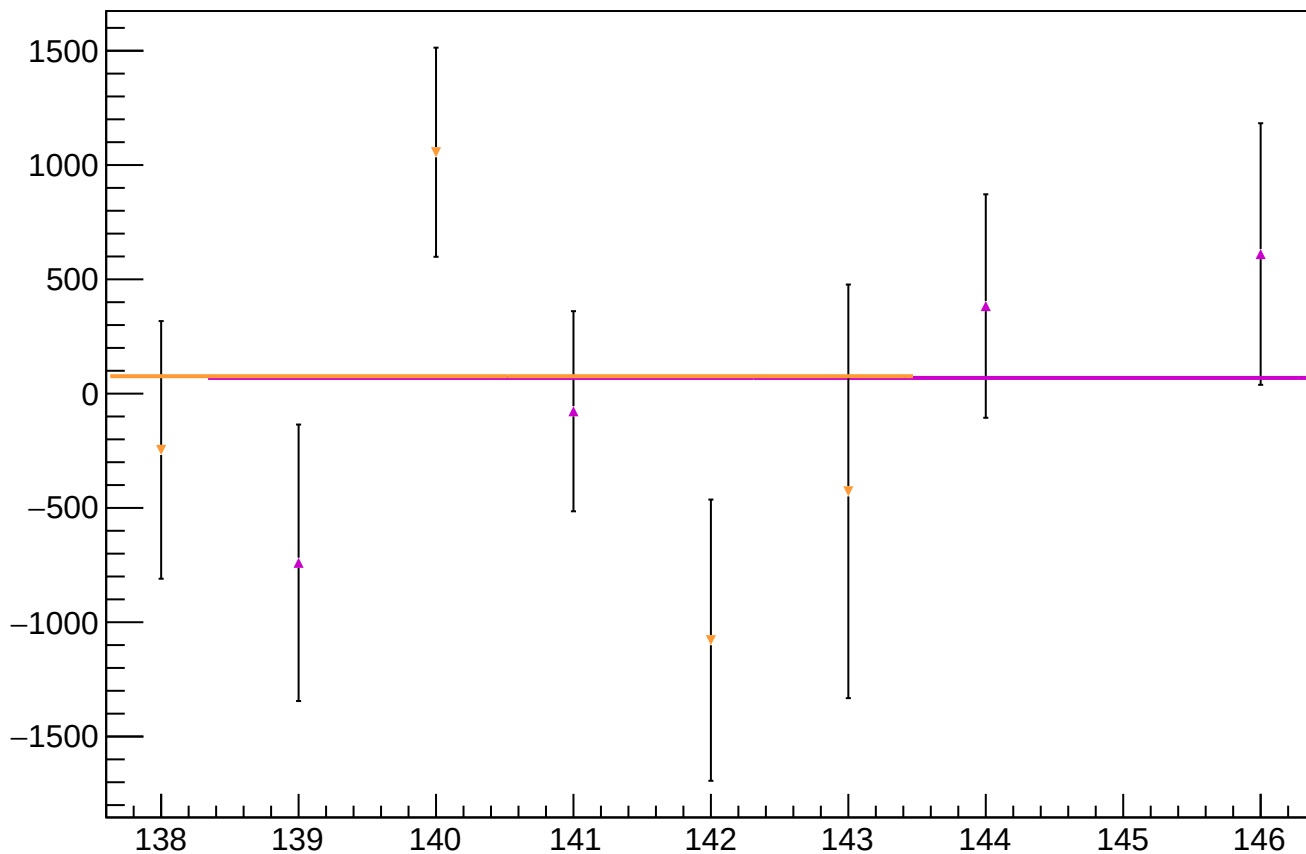
Left In: 1871.705+/-0.729 χ^2/NDF :816.6/3

1984.692+/-0.471 χ^2/NDF : 858196.4/20

1970.150+/-0.320 χ^2/NDF : 1250062.2/44

1957.715+/-0.435 χ^2/NDF : 390096.5/23

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 76.257+/-291.209 χ^2/NDF : 8.7/3

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

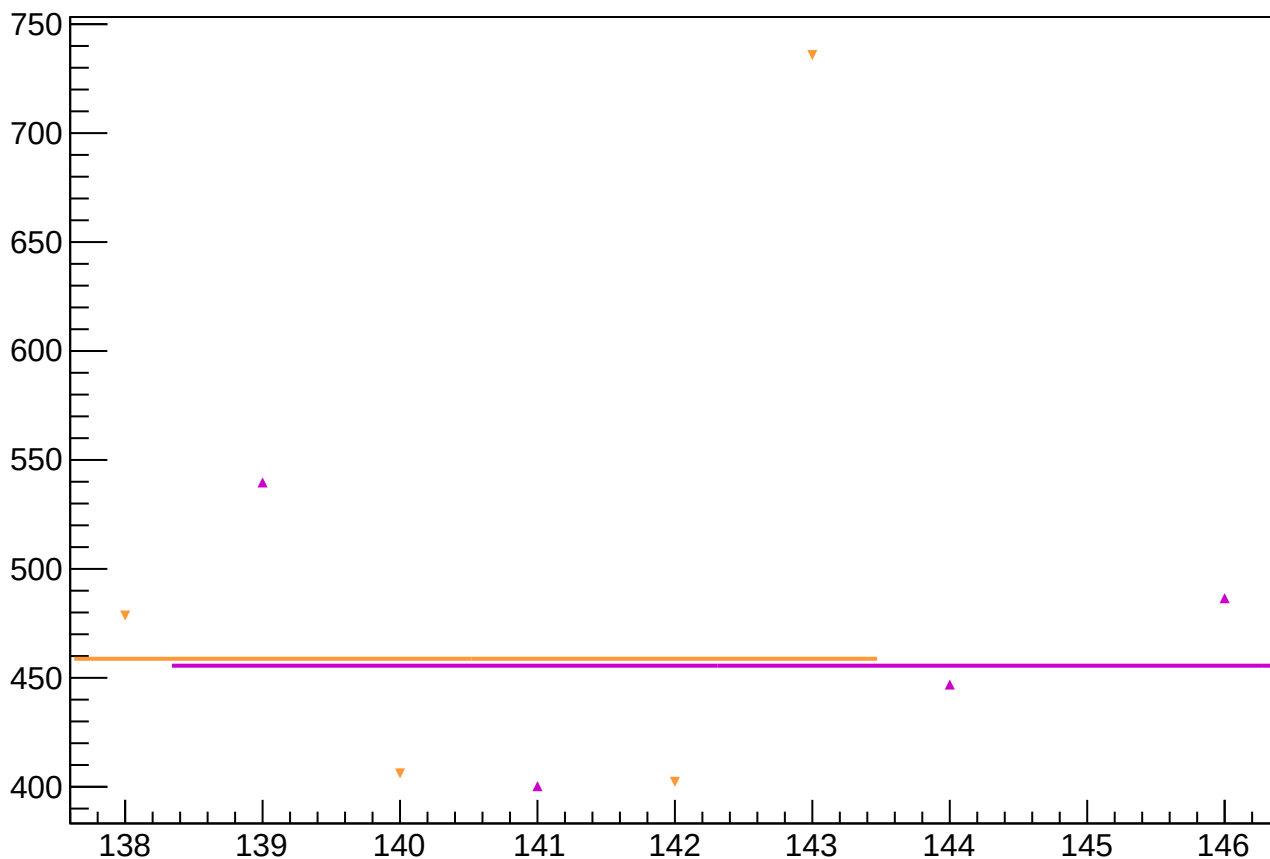
Left In: 68.702+/-256.553 χ^2/NDF : 3.2/3

76.257+/-291.209 χ^2/NDF : 8.7/3

72.003+/-192.503 χ^2/NDF : 12.0/7

68.702+/-256.553 χ^2/NDF : 3.2/3

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 458.762+/-0.206 χ^2/NDF : 233420.5/3

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

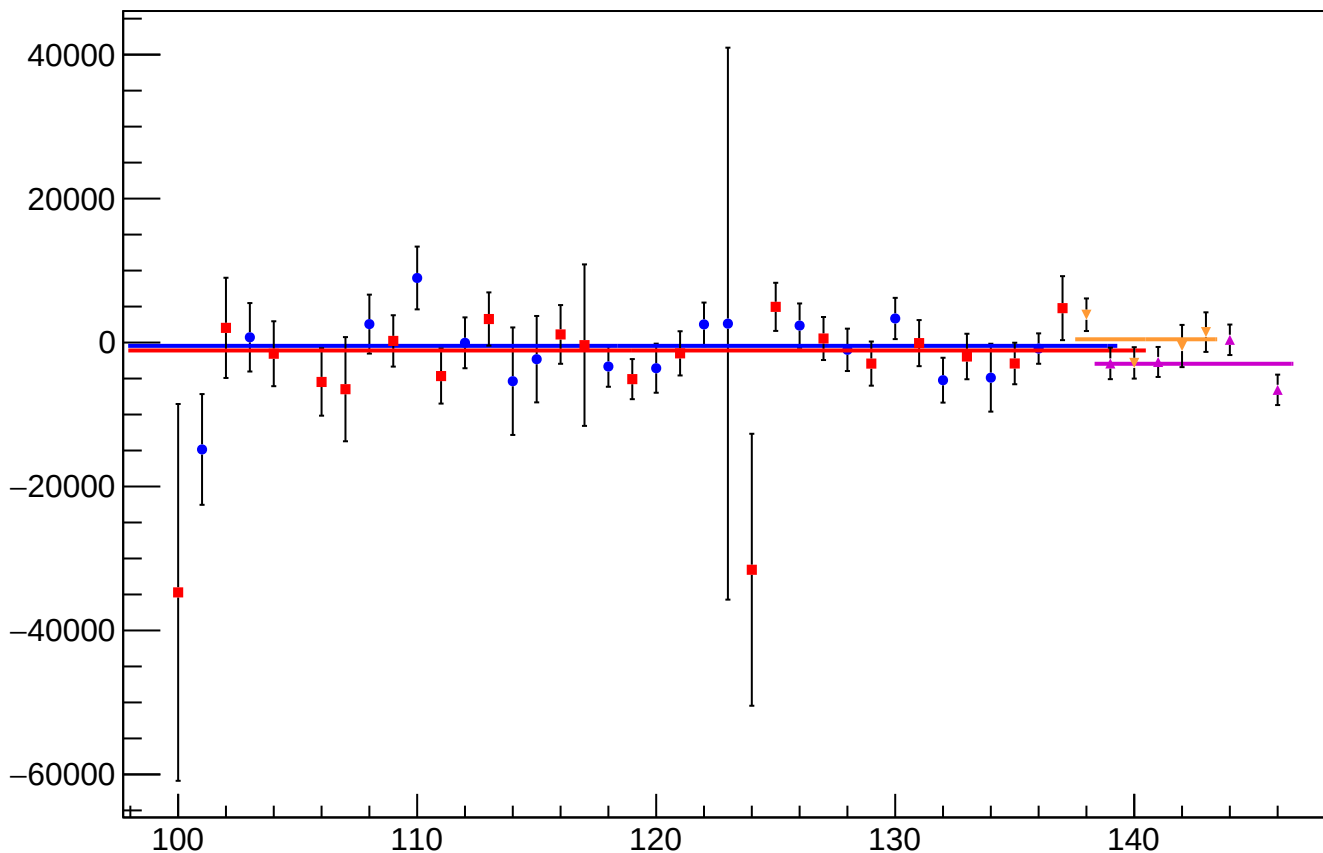
Left In: 455.582+/-0.181 χ^2/NDF : 77065.7/3

458.762+/-0.206 χ^2/NDF : 233420.5/3

456.972+/-0.136 χ^2/NDF : 310620.5/7

455.582+/-0.181 χ^2/NDF : 77065.7/3

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: 453.243 ± 1236.718 χ^2/NDF : 4.8/3

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

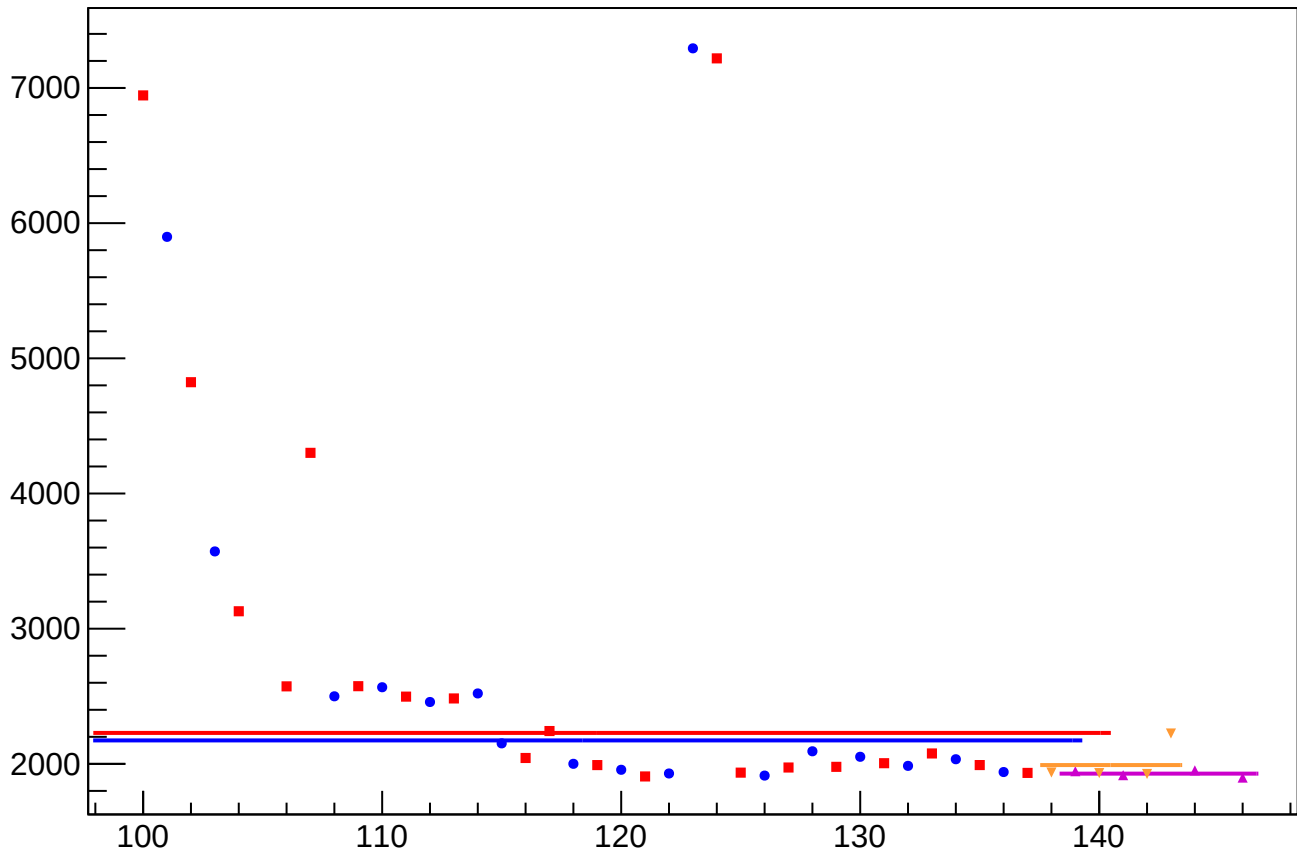
Left In: -2949.469 ± 1062.132 χ^2/NDF : 5.4/3

-158.794 ± 708.908 χ^2/NDF : 23.2/20

-1044.571 ± 487.135 χ^2/NDF : 50.3/44

-1837.013 ± 670.519 χ^2/NDF : 24.2/23

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2173.529 $\pm$ 0.612 χ^2/NDF : 805360.7/16

Left Out: 1991.209 $\pm$ 0.874 χ^2/NDF : 18095.5/3

Right Out: 2228.976 $\pm$ 0.611 χ^2/NDF : 895866.5/19

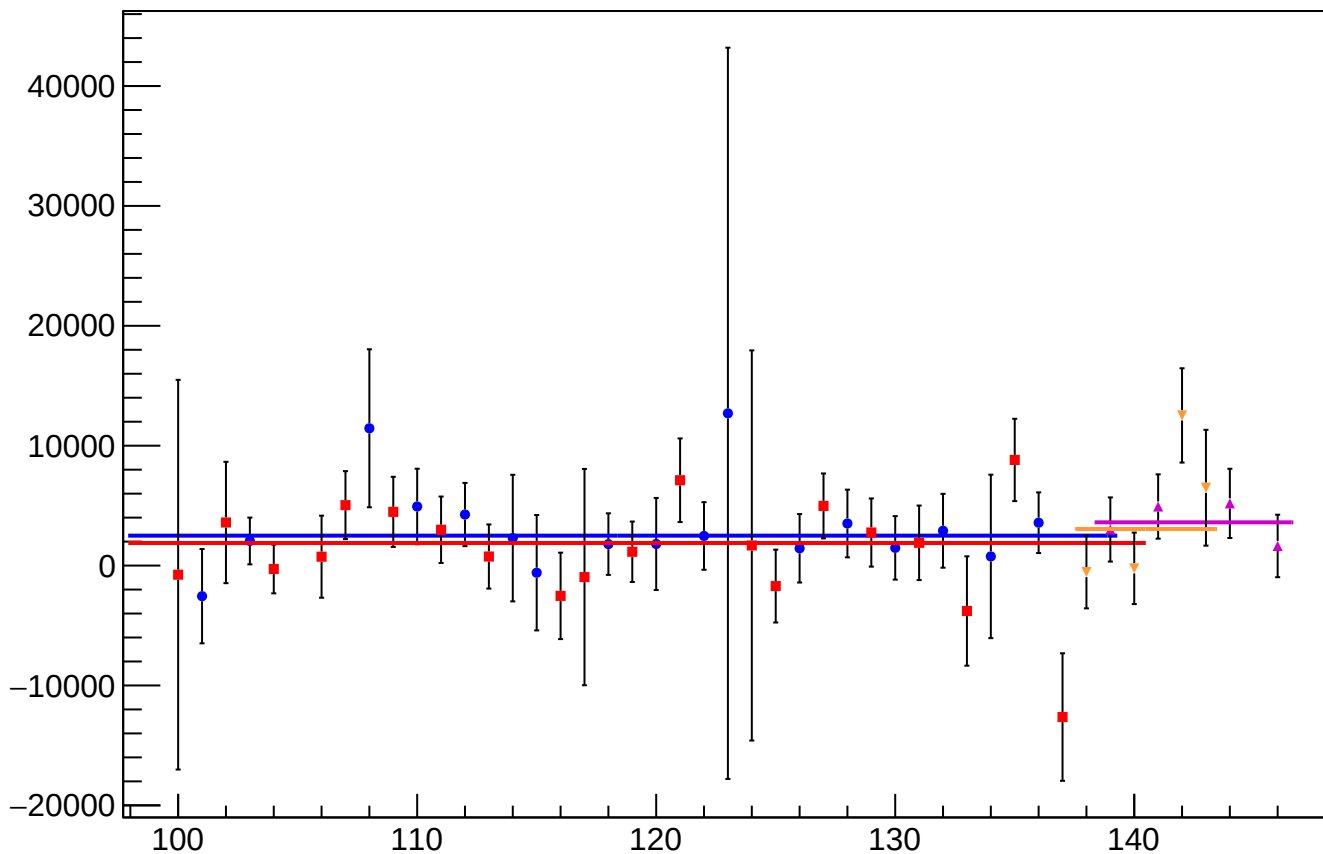
Left In: 1927.819 $\pm$ 0.751 χ^2/NDF : 844.5/3

2113.622 $\pm$ 0.501 χ^2/NDF : 852640.8/20

2111.159 $\pm$ 0.344 χ^2/NDF : 1846107.7/44

2108.955 $\pm$ 0.474 χ^2/NDF : 993421.1/23

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 3048.914 $\pm$ 1743.471 χ^2/NDF : 8.9/3

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

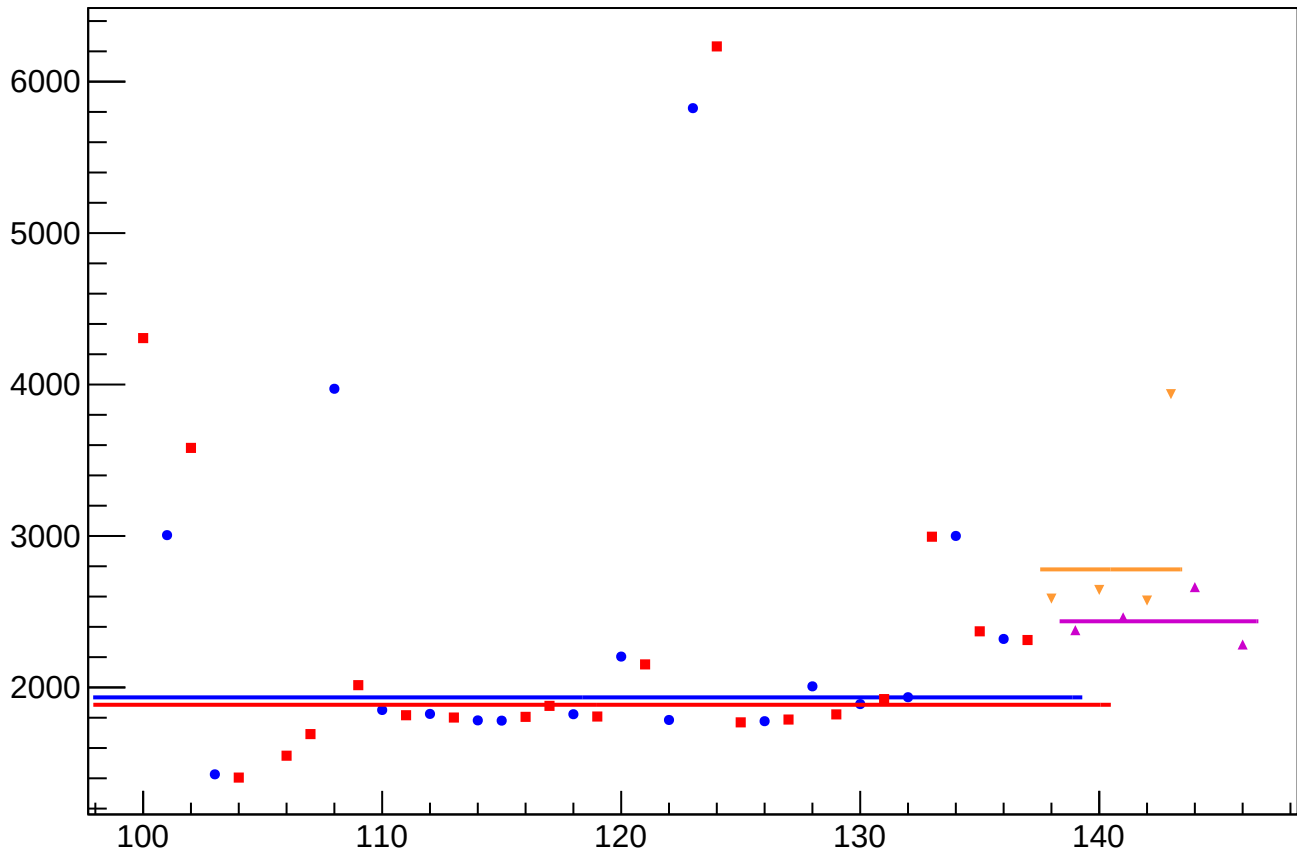
Left In: 3606.410 $\pm$ 1353.796 χ^2/NDF : 1.2/3

2586.421 $\pm$ 703.058 χ^2/NDF : 14.9/20

2417.756 $\pm$ 475.485 χ^2/NDF : 41.0/44

2275.578 $\pm$ 645.498 χ^2/NDF : 26.0/23

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2779.389 $\pm$ 1.233 χ^2/NDF : 132477.3/3

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

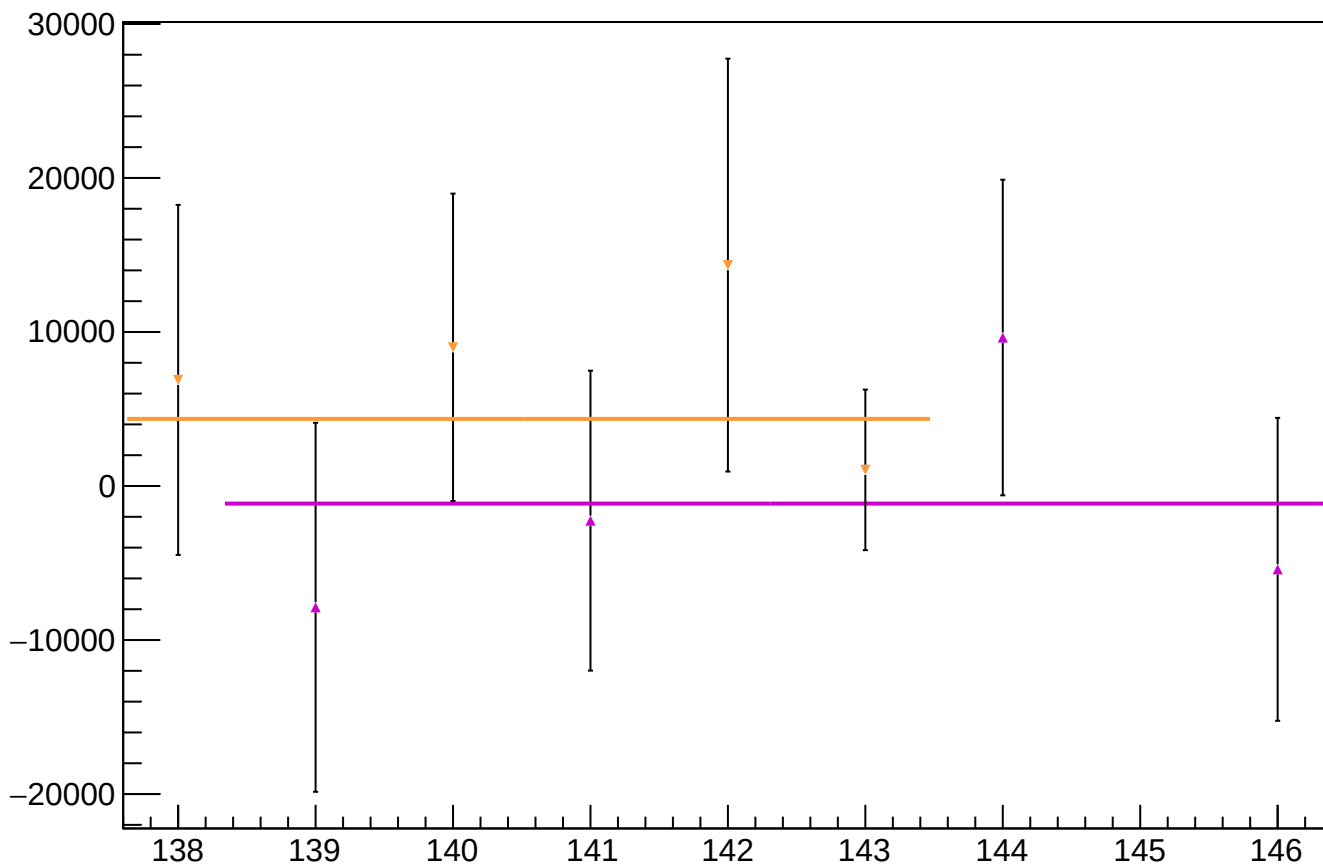
Left In: 2436.723 $\pm$ 0.957 χ^2/NDF : 20265.3/3

2071.809 $\pm$ 0.497 χ^2/NDF : 1164789.4/20

2038.690 $\pm$ 0.336 χ^2/NDF : 2201539.9/44

2010.781 $\pm$ 0.456 χ^2/NDF : 1028572.6/23

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4357.503+/-4076.986 χ^2/NDF : 1.2/3

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

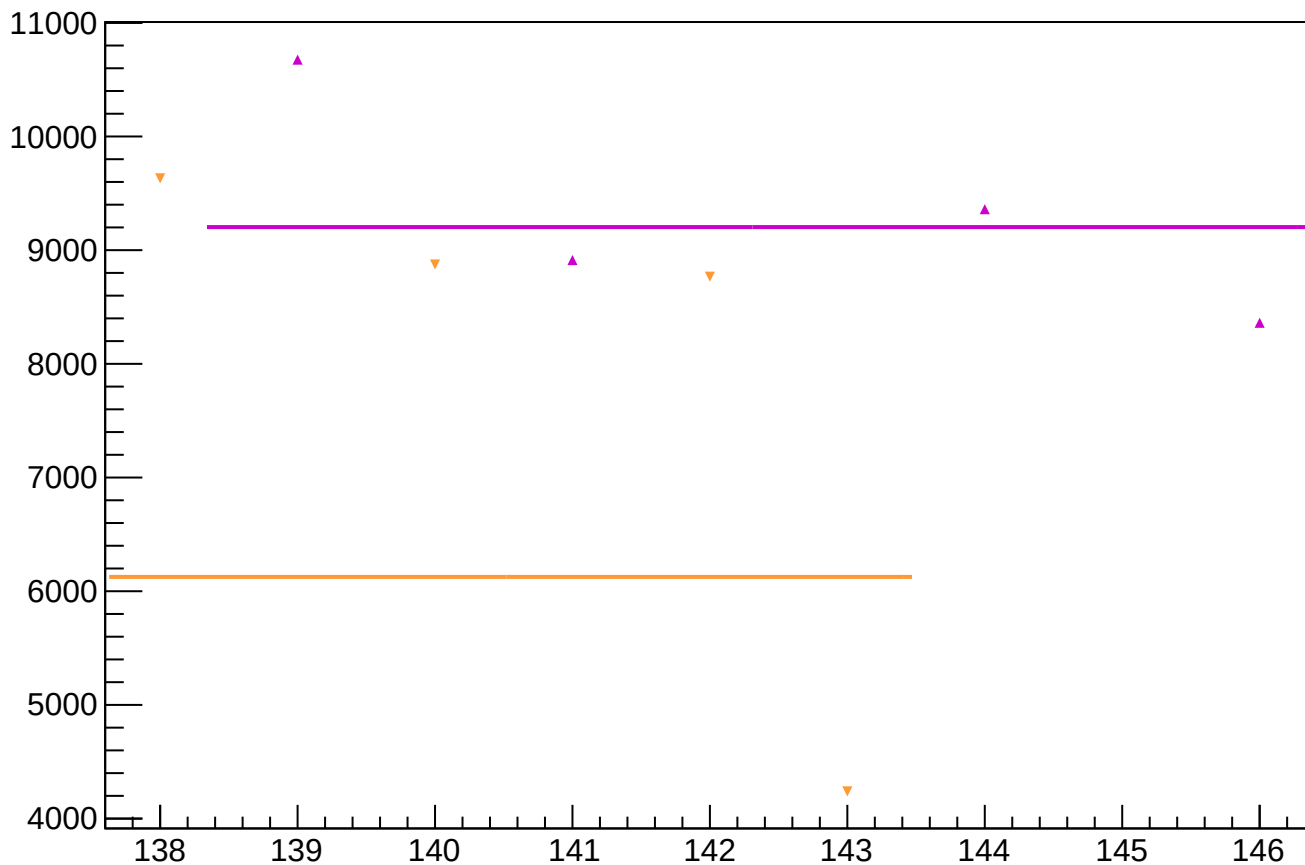
Left In: -1142.396+/-5171.749 χ^2/NDF : 1.6/3

4357.503+/-4076.986 χ^2/NDF : 1.2/3

2249.575+/-3201.754 χ^2/NDF : 3.5/7

-1142.396+/-5171.749 χ^2/NDF : 1.6/3

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6126.084+/-2.883 χ^2/NDF : 681684.4/3

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

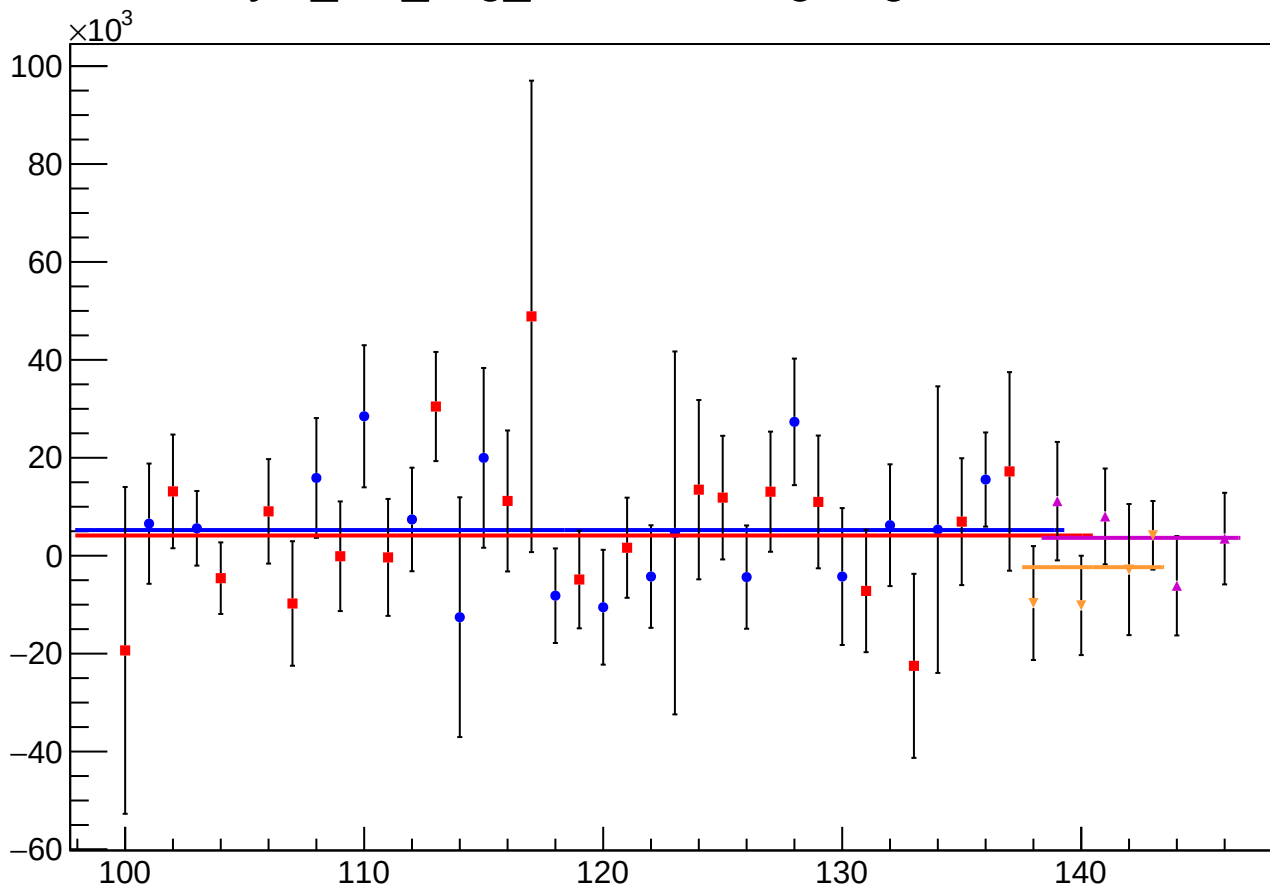
Left In: 9203.118+/-3.657 χ^2/NDF : 47131.2/3

6126.084+/-2.883 χ^2/NDF : 681684.4/3

7305.408+/-2.264 χ^2/NDF : 1165449.2/7

9203.118+/-3.657 χ^2/NDF : 47131.2/3

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5238.554 ± 2946.164 χ^2/NDF : 14.5/16

Left Out: -2343.984 ± 4819.520 χ^2/NDF : 1.9/3

Right Out: 4126.409 ± 2785.746 χ^2/NDF : 16.5/19

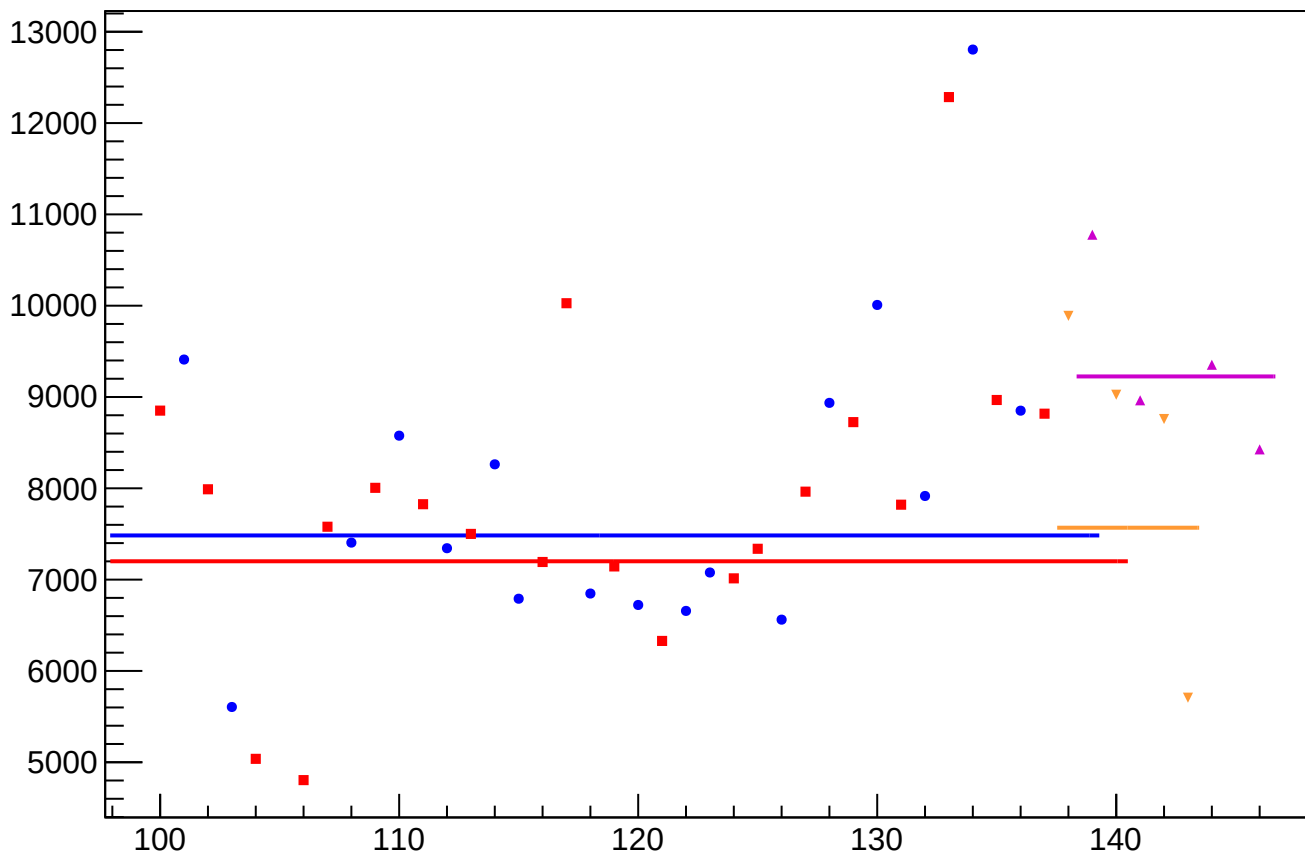
Left In: 3647.857 ± 5102.399 χ^2/NDF : 1.5/3

3175.866 ± 2513.699 χ^2/NDF : 18.1/20

3607.825 ± 1752.685 χ^2/NDF : 36.2/44

4016.518 ± 2445.066 χ^2/NDF : 18.0/23

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 7568.469 $\pm$ 3.408 χ^2/NDF : 277730.9/3

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

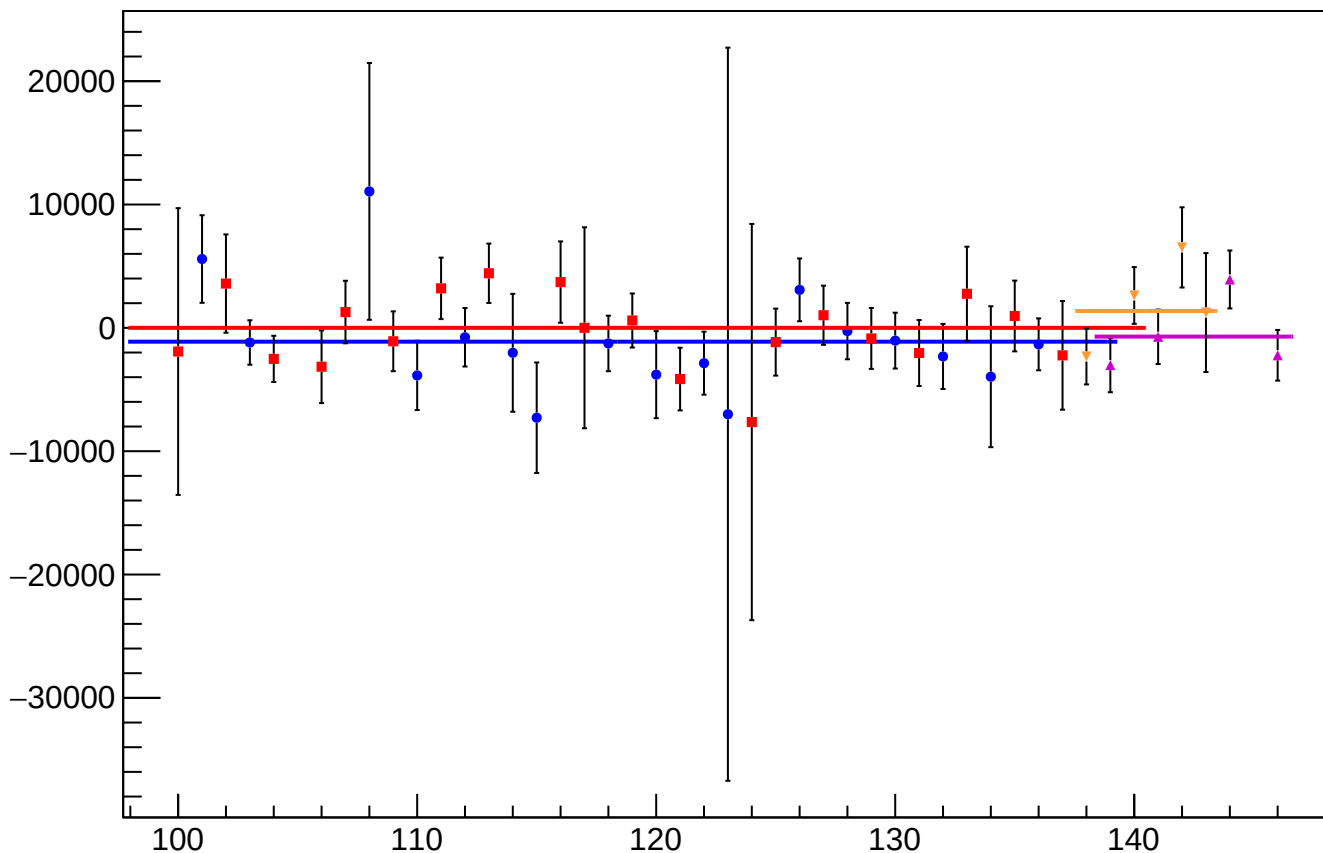
Left In: 9225.201 $\pm$ 3.608 χ^2/NDF : 49268.1/3

7506.821 $\pm$ 1.777 χ^2/NDF : 709986.5/20

7588.458 $\pm$ 1.239 χ^2/NDF : 1571541.6/44

7665.686 $\pm$ 1.729 χ^2/NDF : 857449.9/23

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: 1366.614 $\pm$ 1384.254 χ^2 /NDF: 5.5/3

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

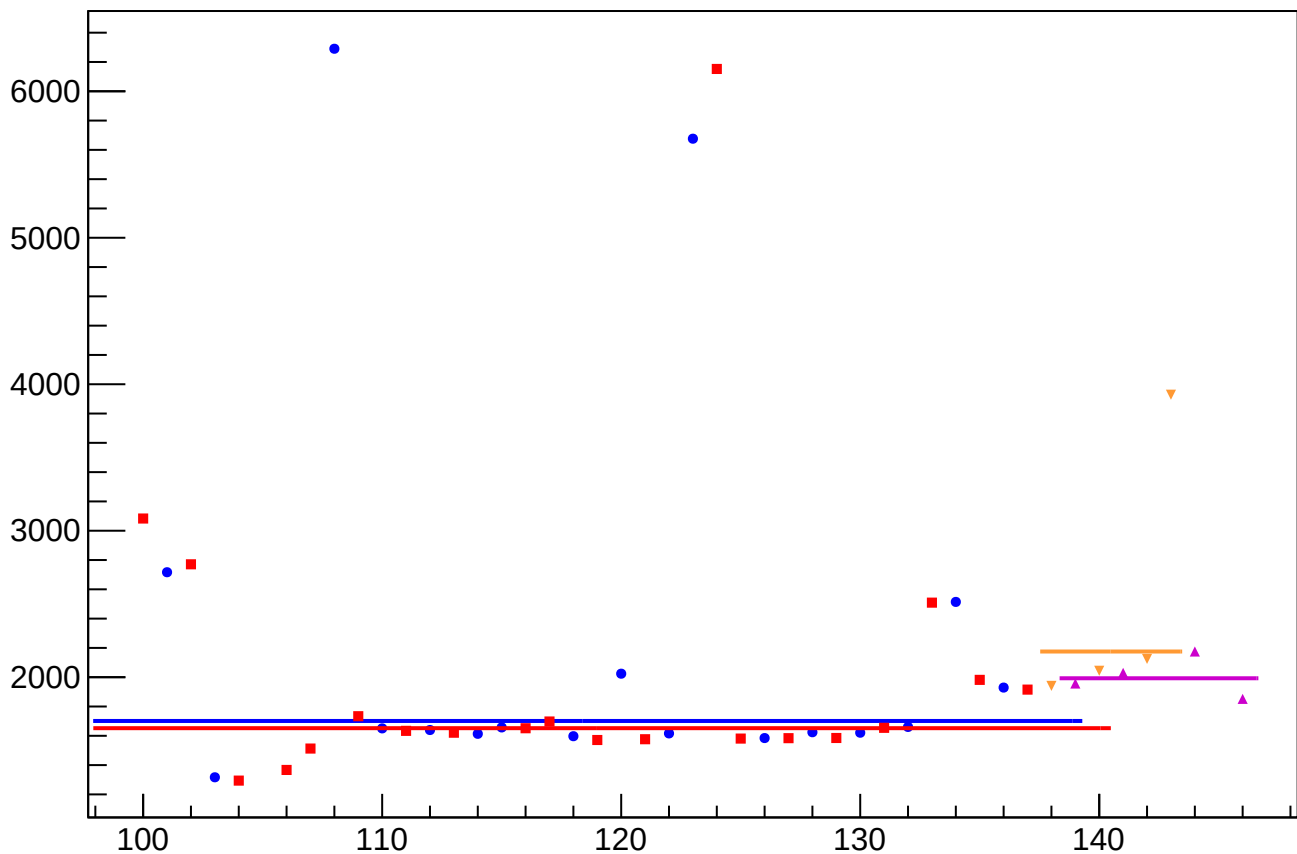
Left In: -707.806 $\pm$ 1097.635 χ^2 /NDF: 5.5/3

-637.954 $\pm$ 609.728 χ^2 /NDF: 20.3/20

-384.234 $\pm$ 408.972 χ^2 /NDF: 42.0/44

-176.730 $\pm$ 551.406 χ^2 /NDF: 21.3/23

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2175.421 $\pm$ 0.979 χ^2/NDF : 293005.4/3

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

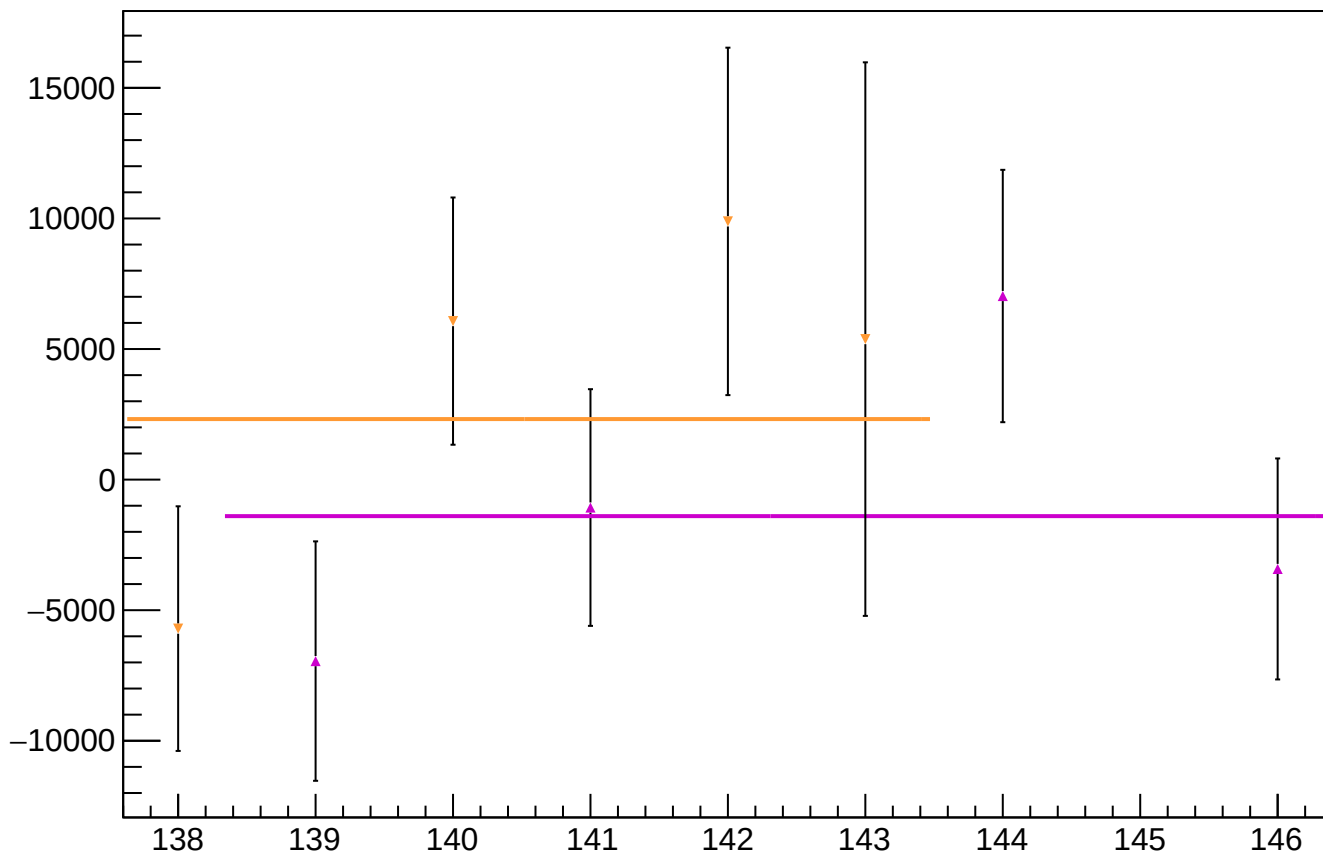
Left In: 1992.758 $\pm$ 0.776 χ^2/NDF : 22560.6/3

1793.273 $\pm$ 0.431 χ^2/NDF : 1260842.7/20

1762.871 $\pm$ 0.289 χ^2/NDF : 2025445.7/44

1738.006 $\pm$ 0.390 χ^2/NDF : 755563.6/23

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2317.819+/-2866.211 χ^2/NDF : 4.9/3

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

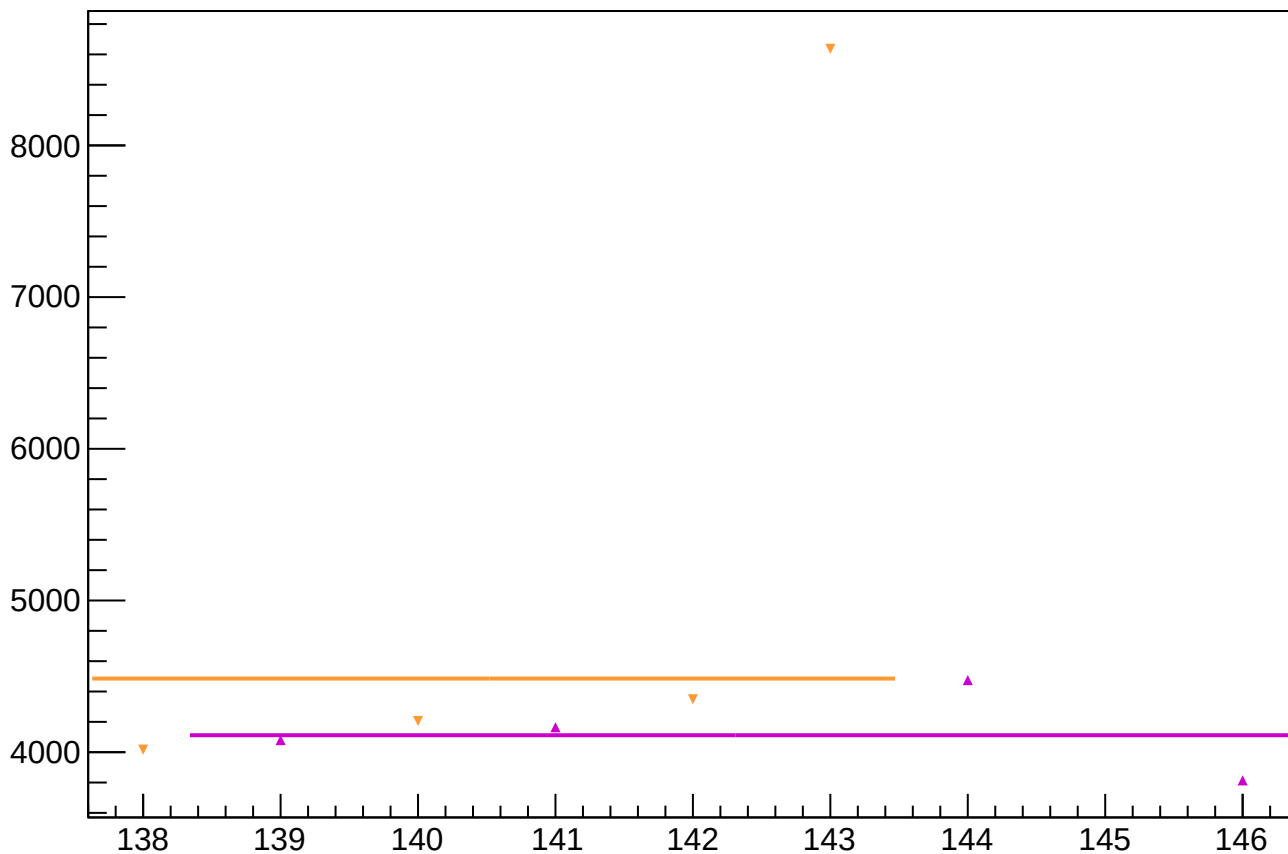
Left In: -1398.367+/-2264.627 χ^2/NDF : 4.7/3

2317.819+/-2866.211 χ^2/NDF : 4.9/3

29.917+/-1776.915 χ^2/NDF : 10.7/7

-1398.367+/-2264.627 χ^2/NDF : 4.7/3

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4485.528+/-2.027 χ^2/NDF : 334754.4/3

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

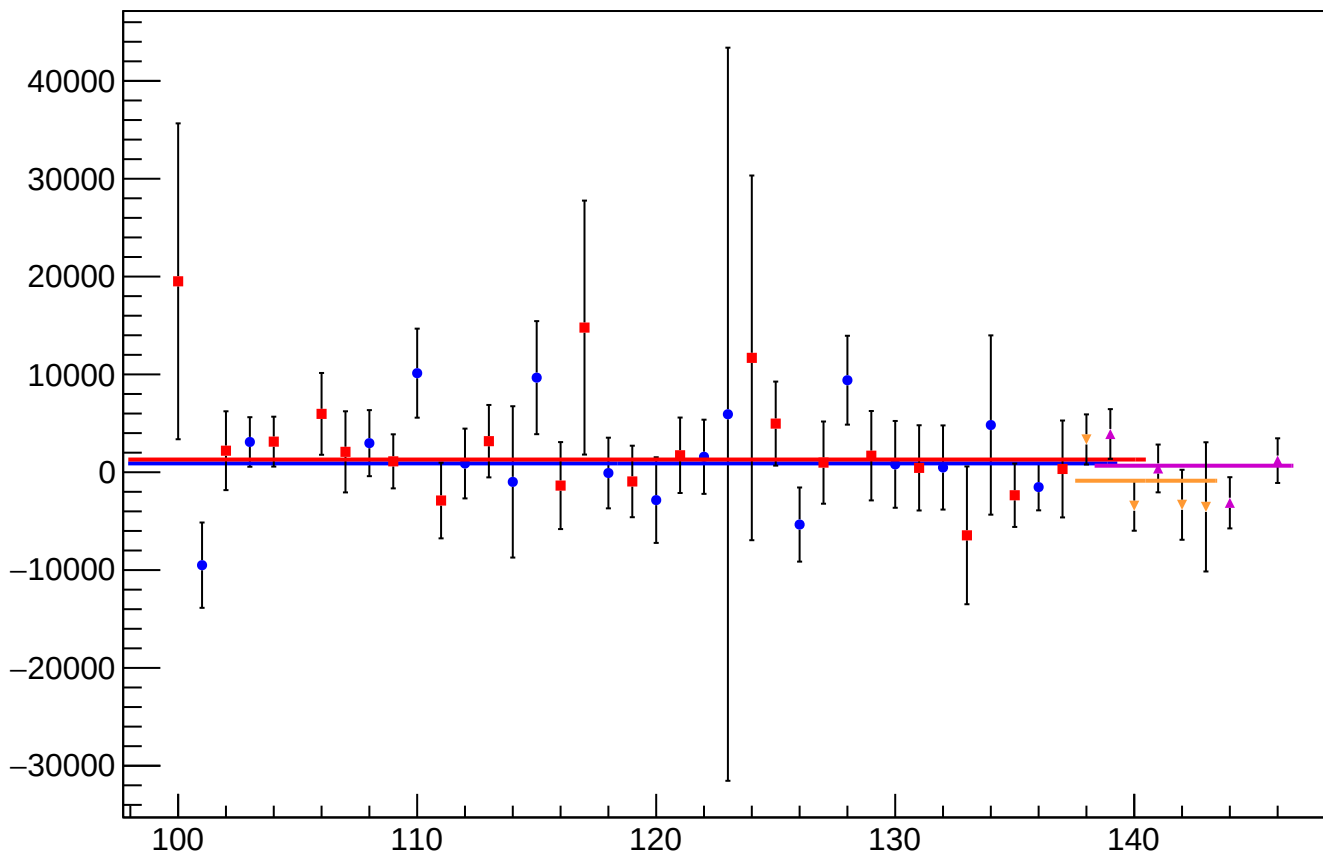
Left In: 4111.889+/-1.601 χ^2/NDF : 21570.9/3

4485.528+/-2.027 χ^2/NDF : 334754.4/3

4255.494+/-1.256 χ^2/NDF : 377249.9/7

4111.889+/-1.601 χ^2/NDF : 21570.9/3

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 903.274 ± 961.918 $\chi^2/\text{NDF}: 21.6/16$

Left Out: -867.562 ± 1567.973 $\chi^2/\text{NDF}: 4.4/3$

Right Out: 1299.511 ± 922.689 $\chi^2/\text{NDF}: 10.0/19$

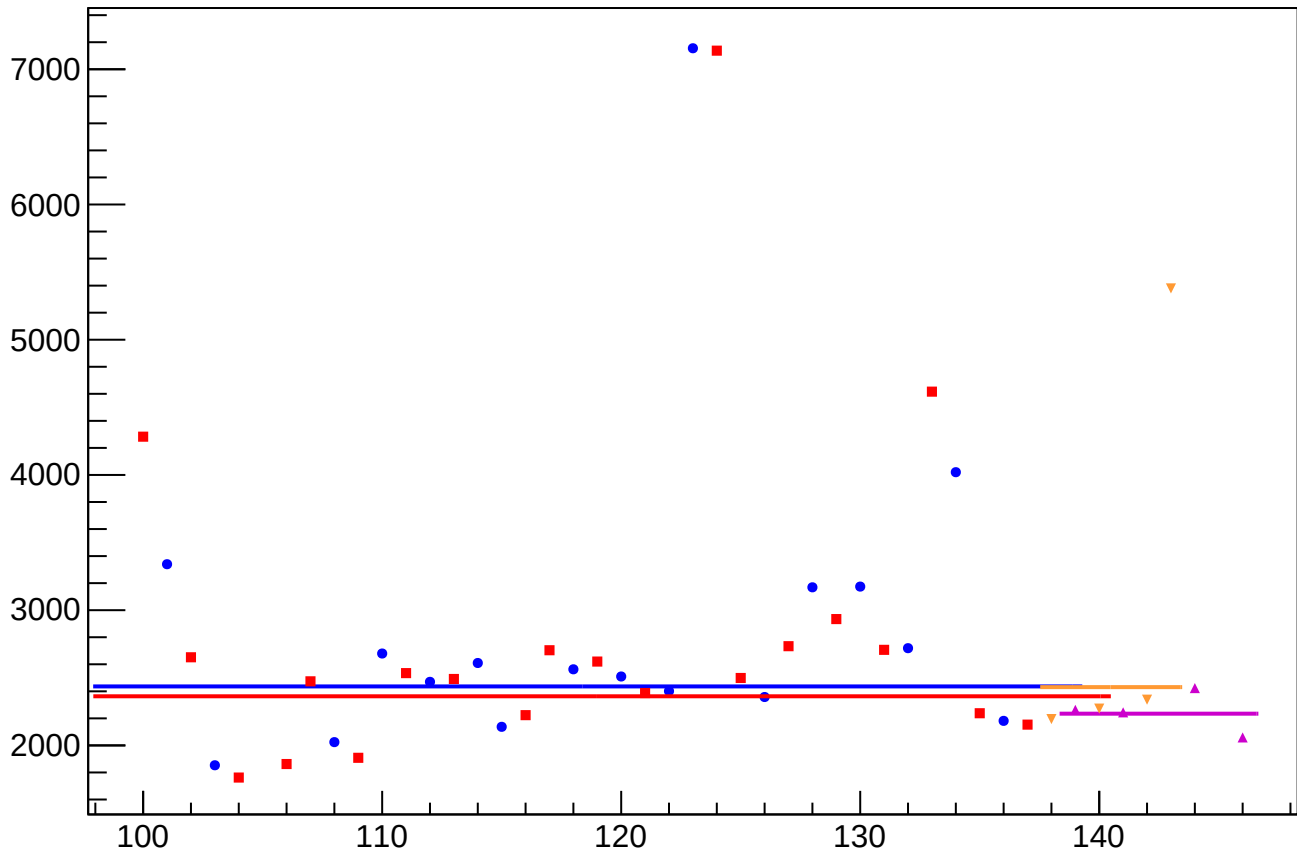
Left In: 668.181 ± 1230.837 $\chi^2/\text{NDF}: 3.8/3$

419.050 ± 819.922 $\chi^2/\text{NDF}: 26.9/20$

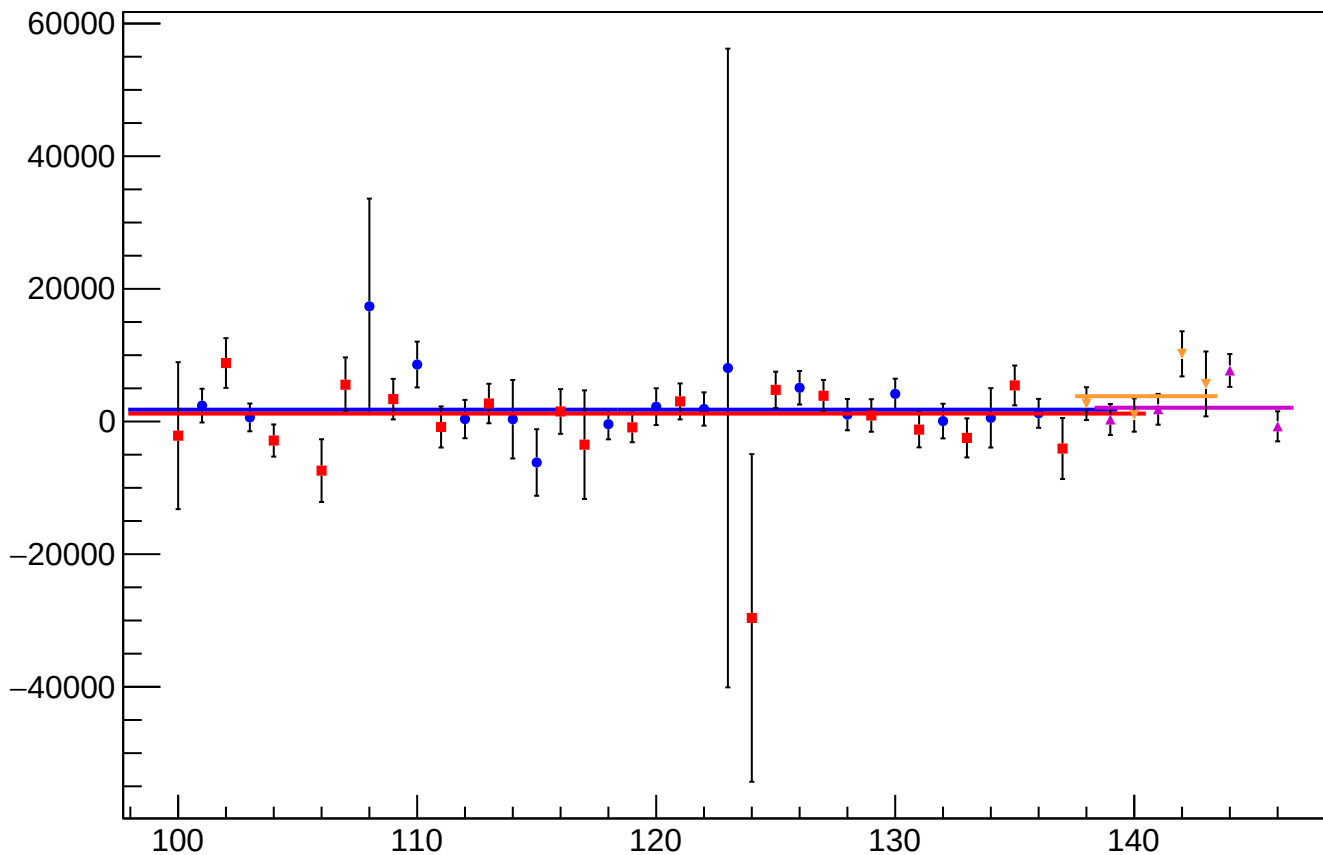
779.848 ± 548.642 $\chi^2/\text{NDF}: 41.2/44$

1072.370 ± 738.278 $\chi^2/\text{NDF}: 14.0/23$

asym_at2_dd_rms vs Slug, Sign Corrected



dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 3811.939+/-1491.377 χ^2/NDF : 5.2/3

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

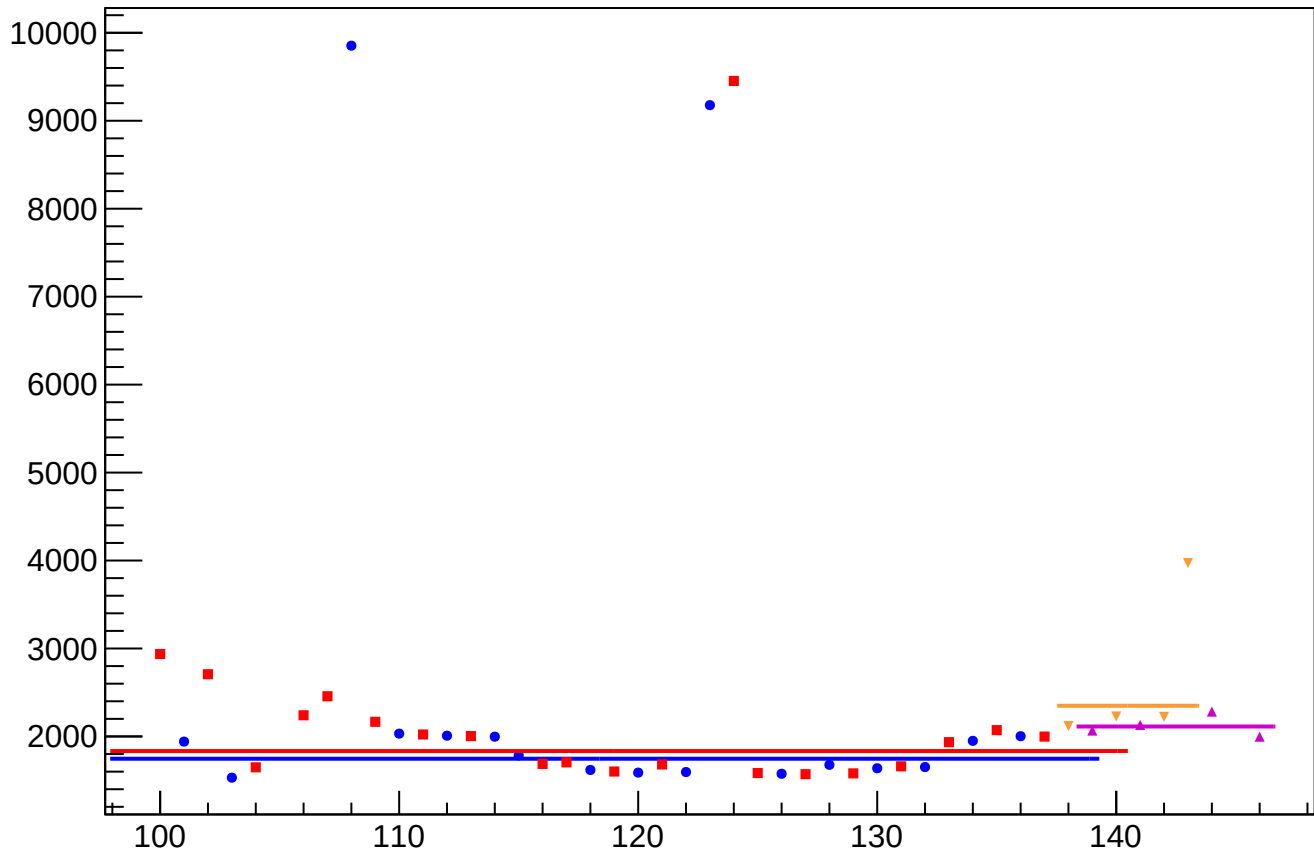
Left In: 2078.702+/-1172.171 χ^2/NDF : 7.3/3

2144.908+/-629.511 χ^2/NDF : 19.1/20

1772.662+/-436.007 χ^2/NDF : 52.0/44

1429.446+/-604.466 χ^2/NDF : 32.2/23

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1746.836+/-0.491 χ^2/NDF : 682484.5/16

Left Out: 2348.913+/-1.055 χ^2/NDF : 245183.1/3

Right Out: 1834.449+/-0.498 χ^2/NDF : 550903.9/19

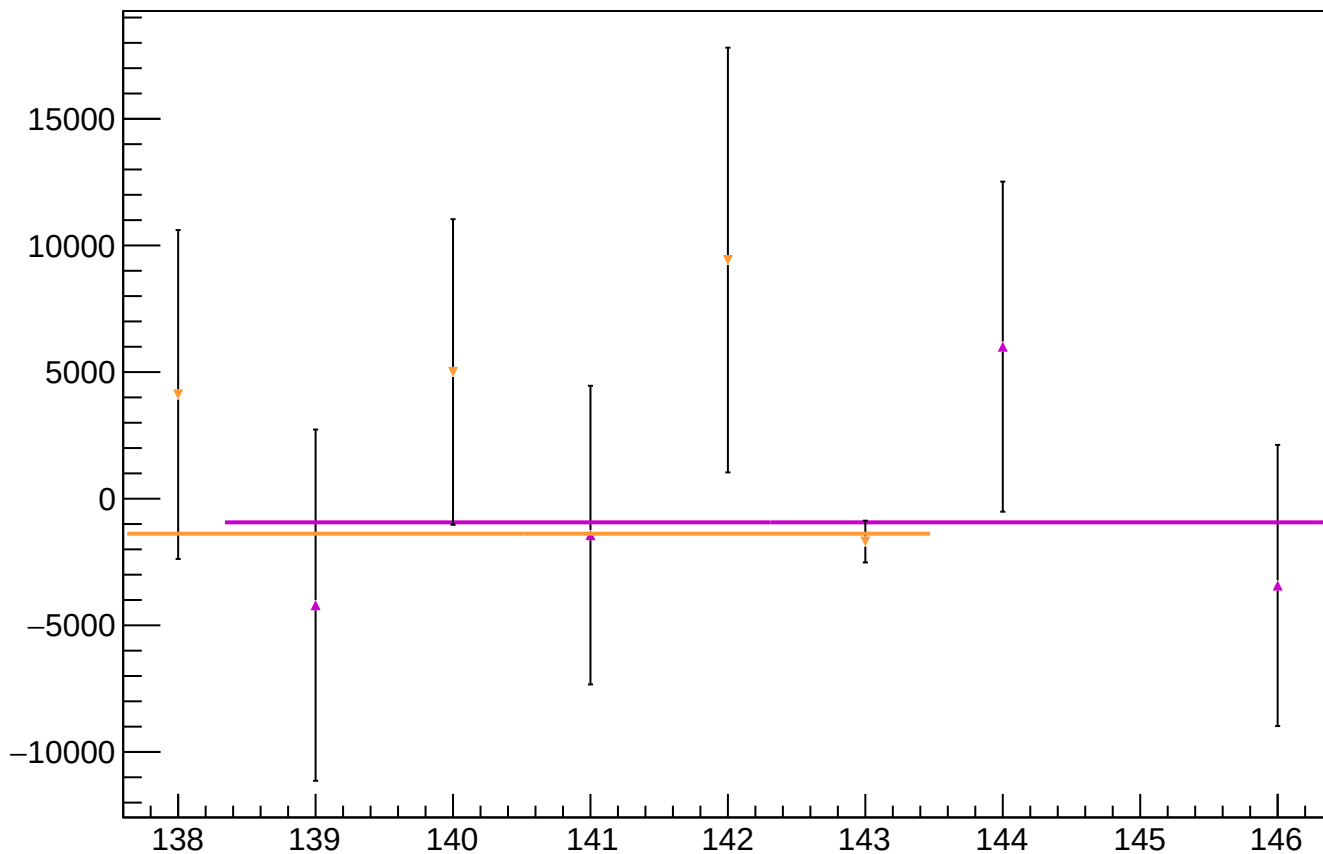
Left In: 2113.225+/-0.829 χ^2/NDF : 15454.7/3

1854.107+/-0.445 χ^2/NDF : 1195548.1/20

1882.407+/-0.308 χ^2/NDF : 1852762.8/44

1908.454+/-0.427 χ^2/NDF : 649452.7/23

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1380.366+/-806.586 χ^2/NDF : 3.6/3

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

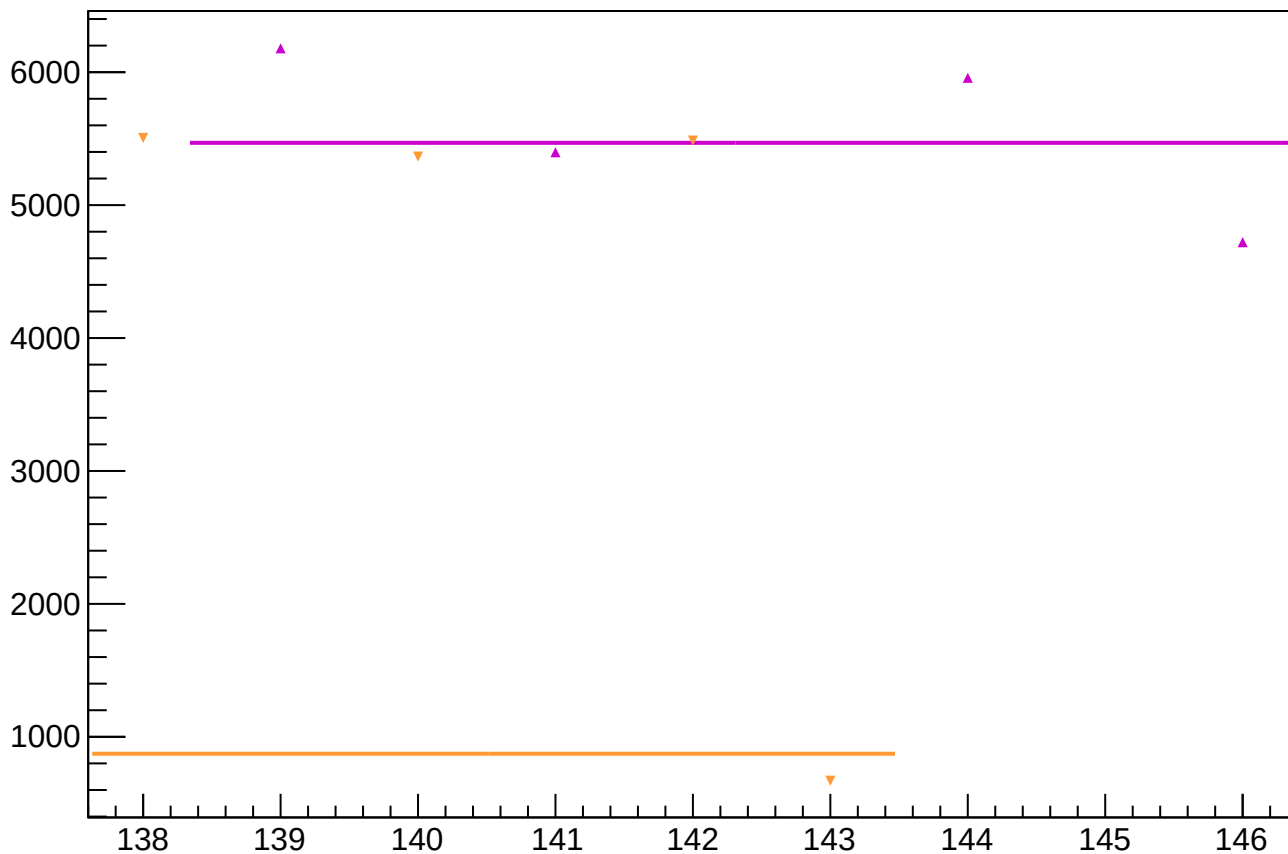
Left In: -933.995+/-3077.806 χ^2/NDF : 1.6/3

-1380.366+/-806.586 χ^2/NDF : 3.6/3

-1351.680+/-780.238 χ^2/NDF : 5.2/7

-933.995+/-3077.806 χ^2/NDF : 1.6/3

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 872.787+/-0.570 χ^2/NDF : 2853114.6/3

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

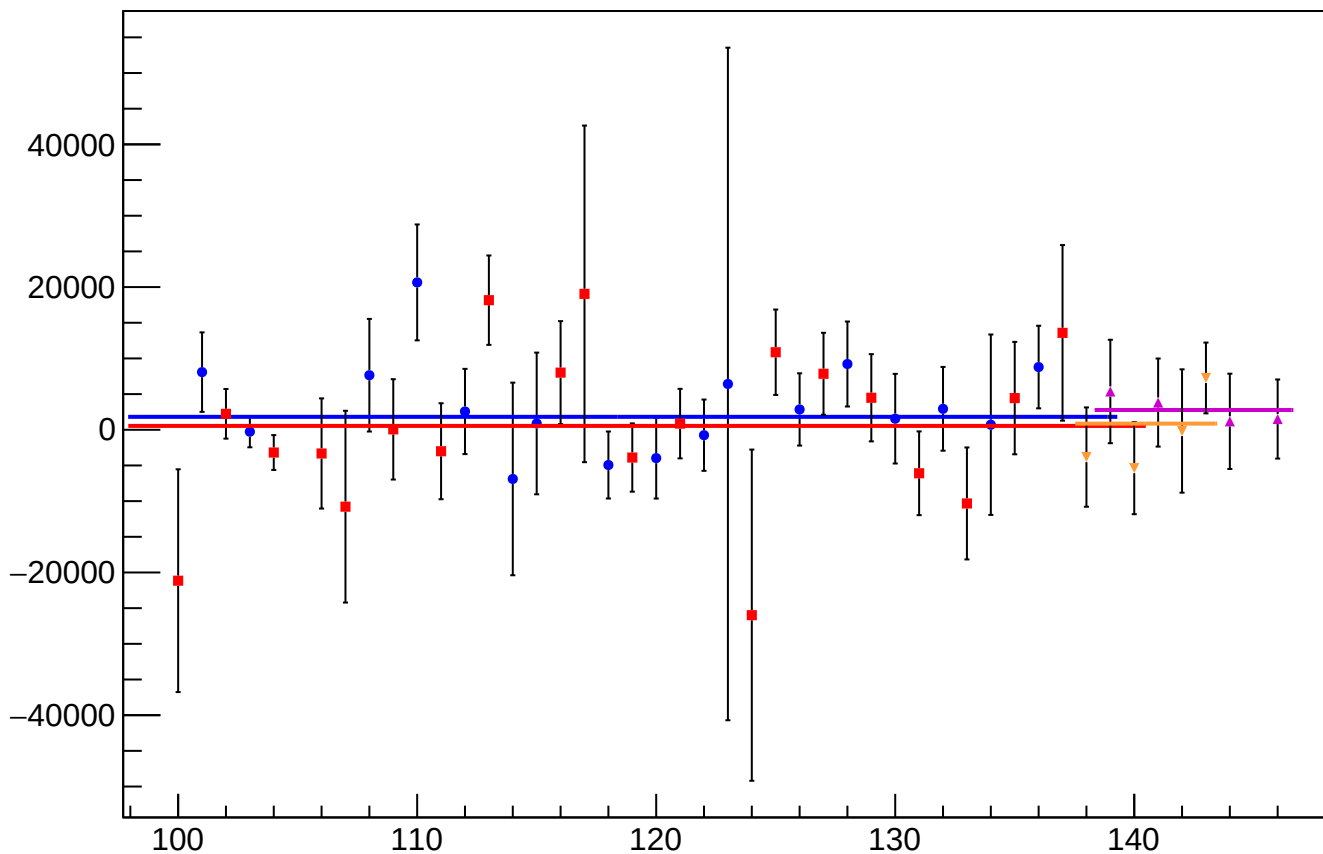
Left In: 5468.610+/-2.176 χ^2/NDF : 68852.8/3

872.787+/-0.570 χ^2/NDF : 2853114.6/3

1168.136+/-0.552 χ^2/NDF : 7094764.6/7

5468.610+/-2.176 χ^2/NDF : 68852.8/3

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1814.267 $\pm$ 1301.312 χ^2/NDF : 15.0/16

Left Out: 862.895 $\pm$ 3184.100 χ^2/NDF : 3.1/3

Right Out: 543.365 $\pm$ 1284.166 χ^2/NDF : 27.1/19

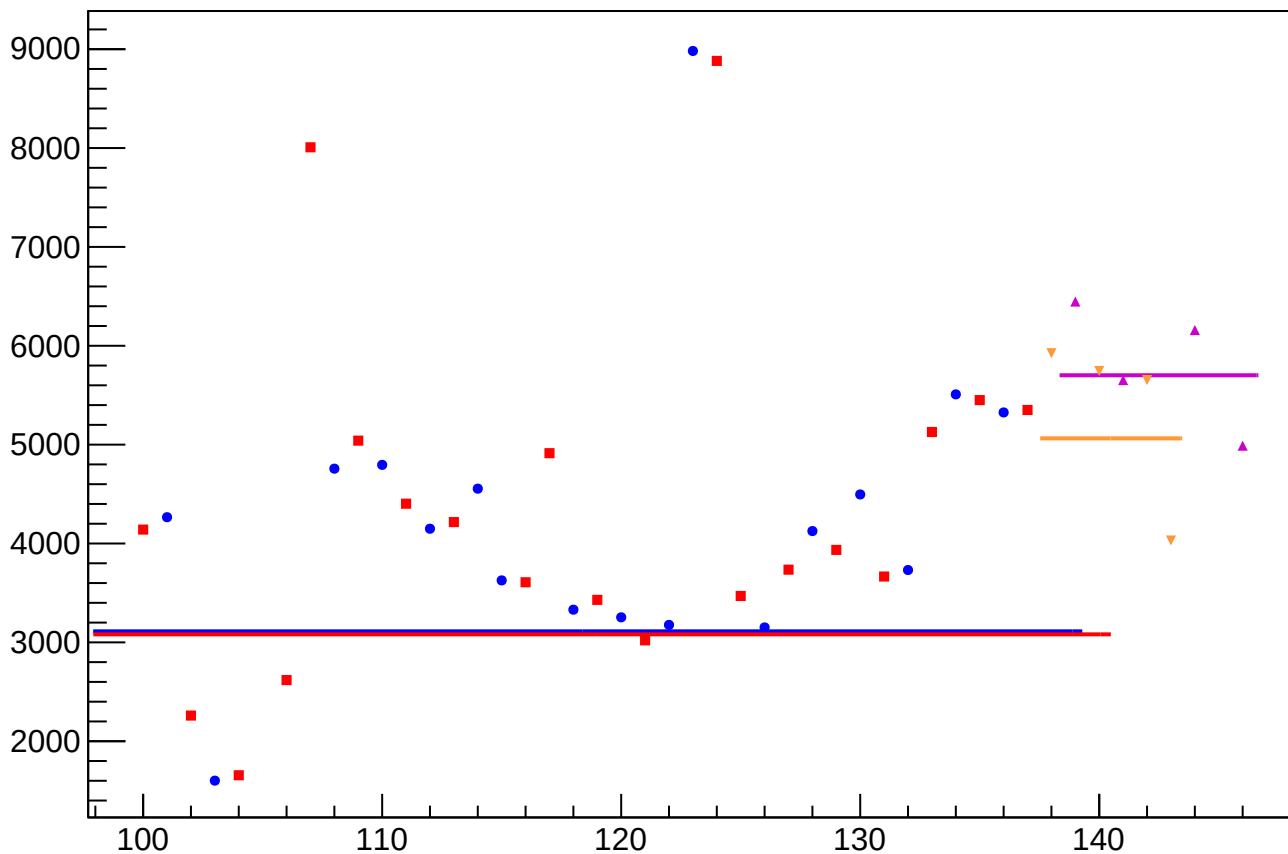
Left In: 2771.479 $\pm$ 3158.281 χ^2/NDF : 0.3/3

1678.105 $\pm$ 1204.594 χ^2/NDF : 18.1/20

1263.657 $\pm$ 846.422 χ^2/NDF : 46.2/44

859.470 $\pm$ 1189.591 χ^2/NDF : 27.8/23

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3111.560 +/- 0.920 χ^2/NDF : 1878991.5/16

Left Out: 5063.446 +/- 2.251 χ^2/NDF : 148977.1/3

Right Out: 3081.091 +/- 0.895 χ^2/NDF : 2021662.5/19

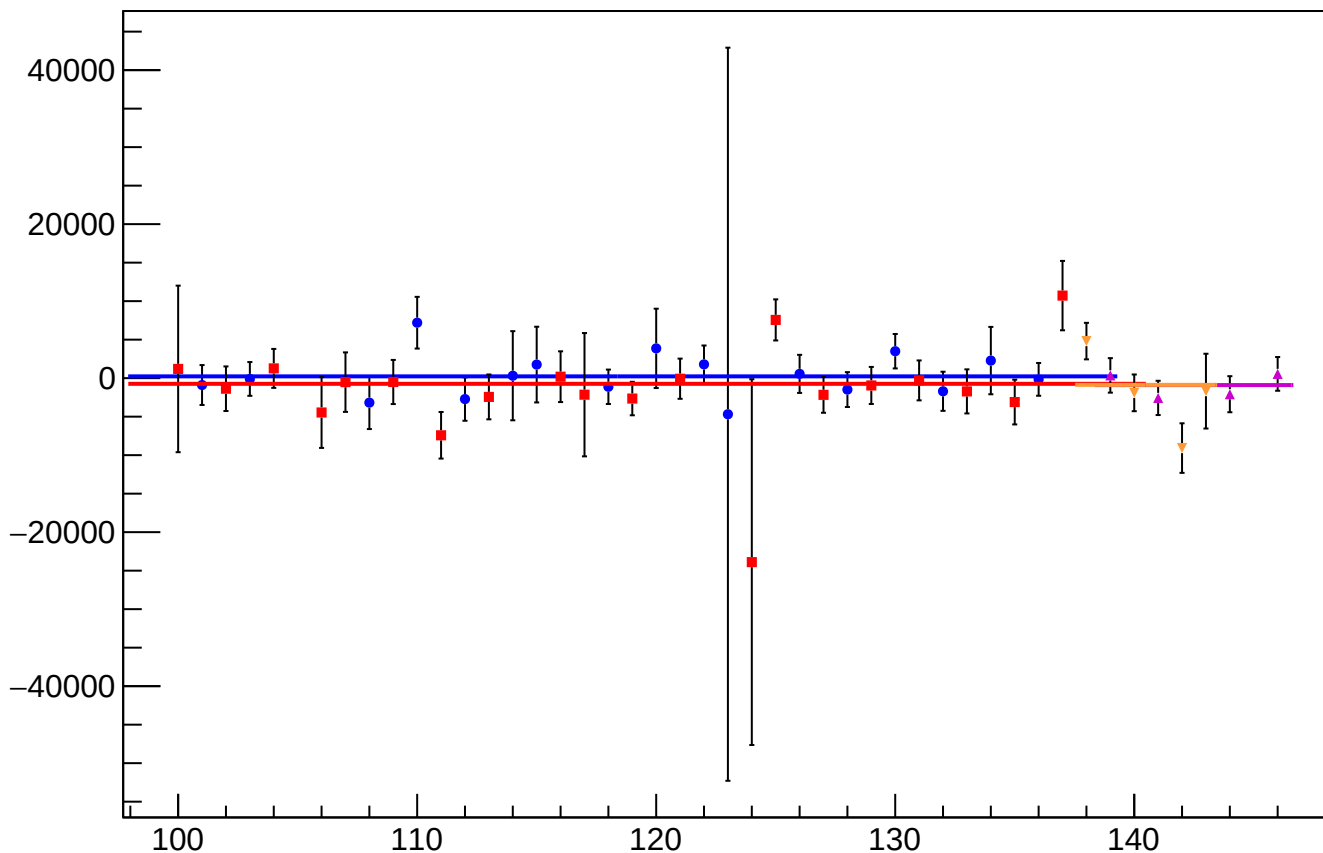
Left In: 5701.801 +/- 2.233 χ^2/NDF : 63722.3/3

3390.916 +/- 0.852 χ^2/NDF : 2671967.2/20

3417.975 +/- 0.595 χ^2/NDF : 5945876.9/44

3443.713 +/- 0.831 χ^2/NDF : 3271940.5/23

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 232.323 $\pm$ 686.786 χ^2/NDF : 11.5/16

Left Out: -868.789 $\pm$ 1424.476 χ^2/NDF :12.5/3

Right Out: -736.496 $\pm$ 681.690 χ^2/NDF : 25.8/19

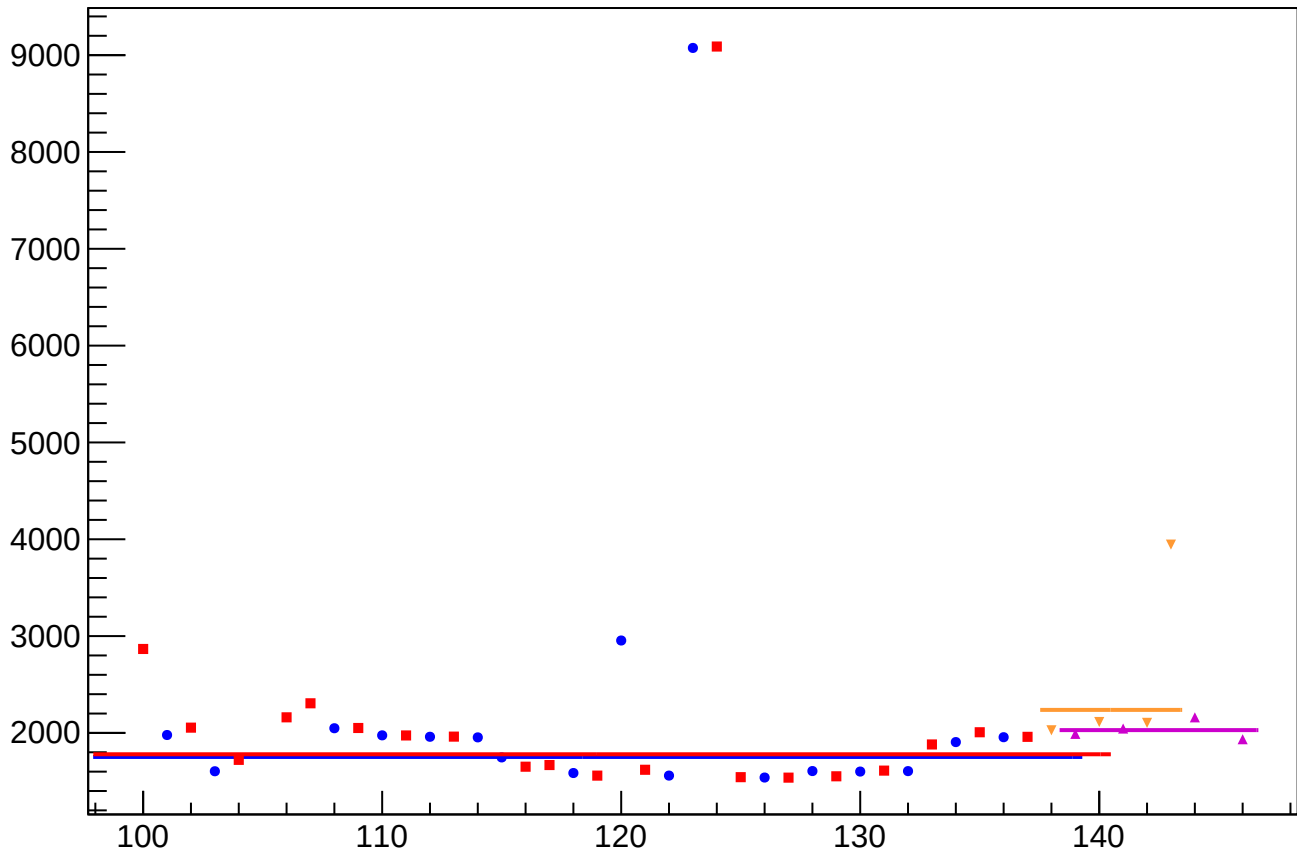
Left In: -899.414 $\pm$ 1123.707 χ^2/NDF :1.6/3

24.643 $\pm$ 618.638 χ^2/NDF : 24.5/20

-401.810 $\pm$ 424.217 χ^2/NDF : 52.8/44

-780.324 $\pm$ 582.829 χ^2/NDF : 27.4/23

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 2237.676 ± 1.007 χ^2/NDF : 271861.1/3

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

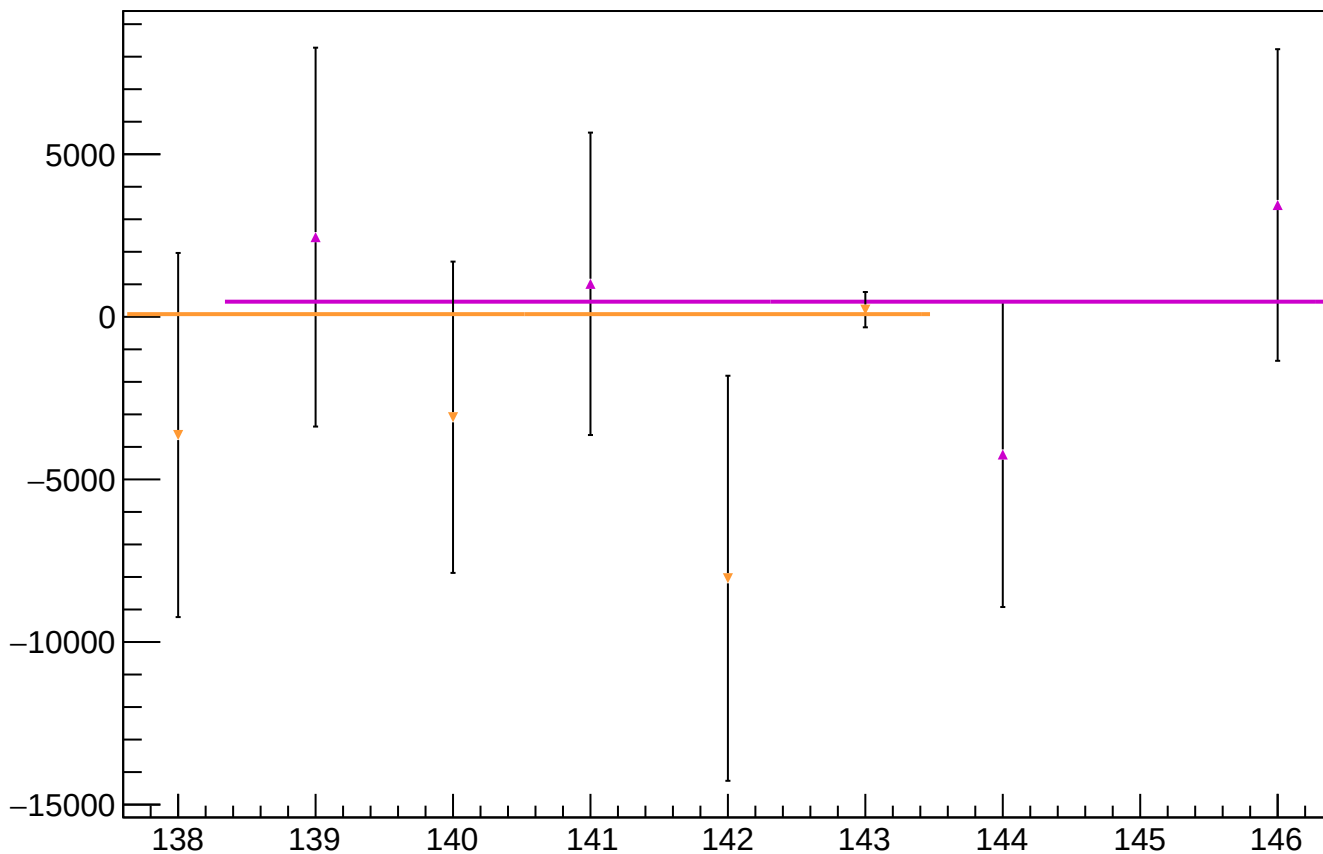
Left In: 2028.928 ± 0.795 χ^2/NDF : 10748.8/3

1843.481 ± 0.437 χ^2/NDF : 761519.9/20

1845.014 ± 0.300 χ^2/NDF : 1273159.1/44

1846.371 ± 0.412 χ^2/NDF : 511616.1/23

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 82.861+/-534.994 χ^2/NDF : 2.6/3

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

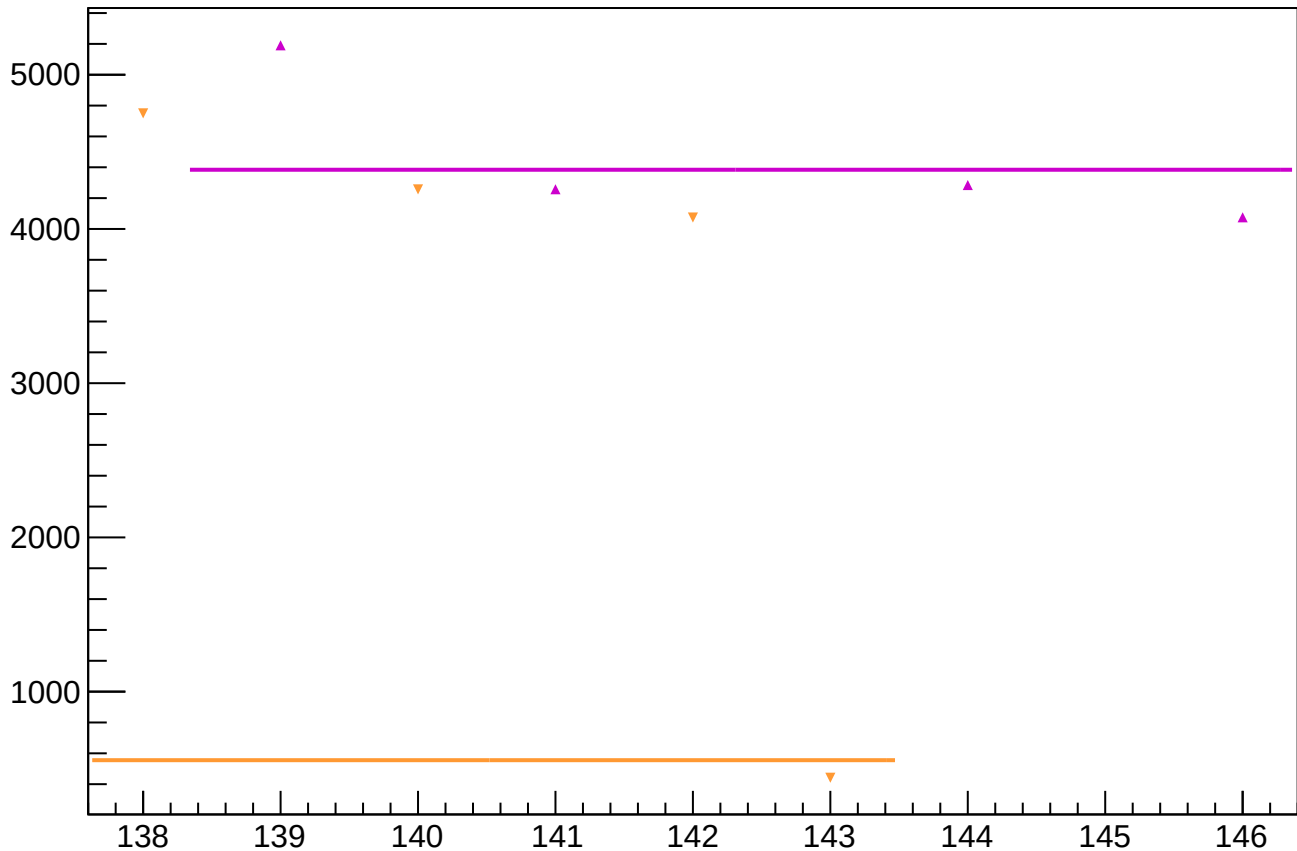
Left In: 465.834+/-2464.123 χ^2/NDF : 1.5/3

82.861+/-534.994 χ^2/NDF : 2.6/3

100.101+/-522.813 χ^2/NDF : 4.2/7

465.834+/-2464.123 χ^2/NDF : 1.5/3

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 555.495+/-0.378 χ^2/NDF : 3044358.1/3

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

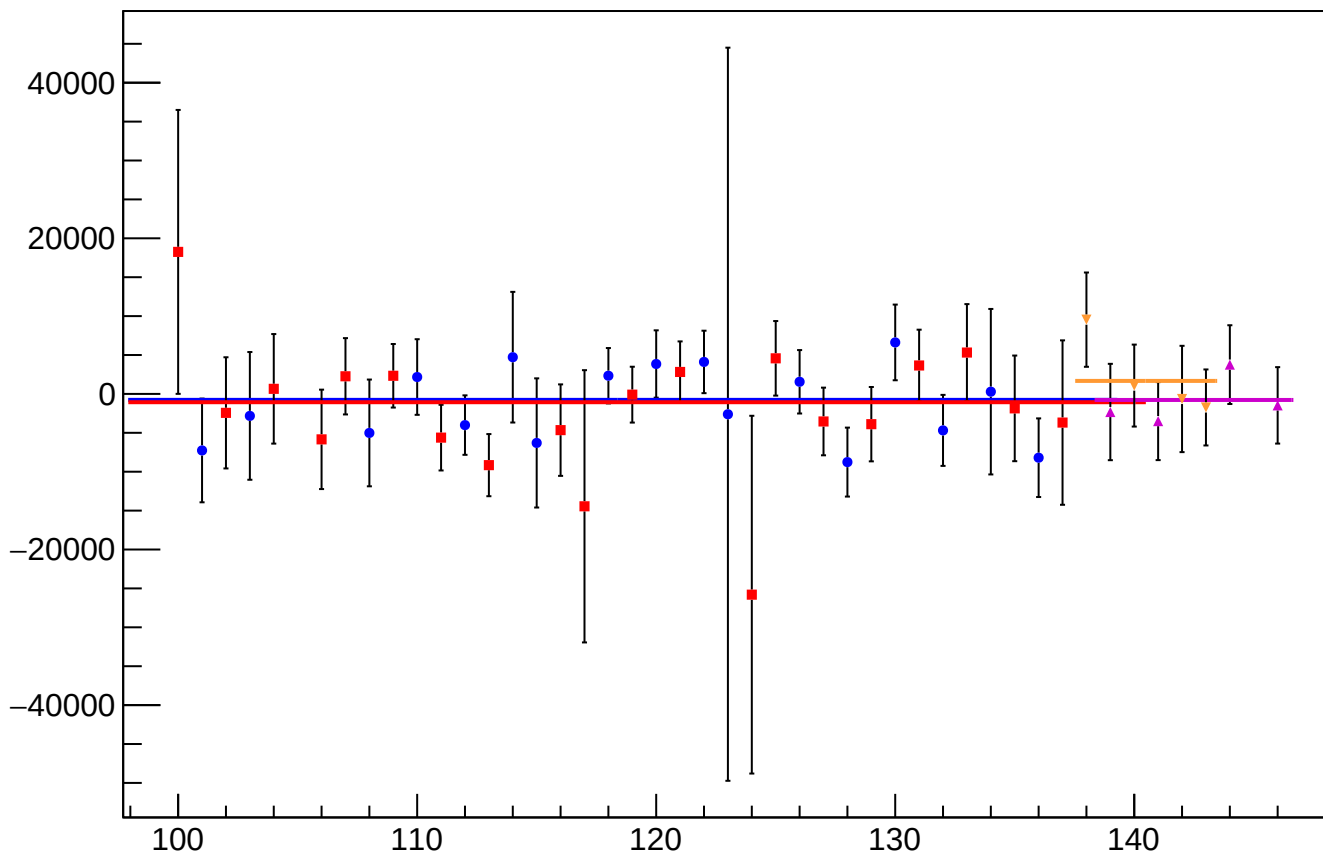
Left In: 4383.980+/-1.742 χ^2/NDF : 49016.1/3

555.495+/-0.378 χ^2/NDF : 3044358.1/3

727.839+/-0.370 χ^2/NDF : 7703949.8/7

4383.980+/-1.742 χ^2/NDF : 49016.1/3

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1671.409+/-2810.471 χ^2/NDF : 2.3/3

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

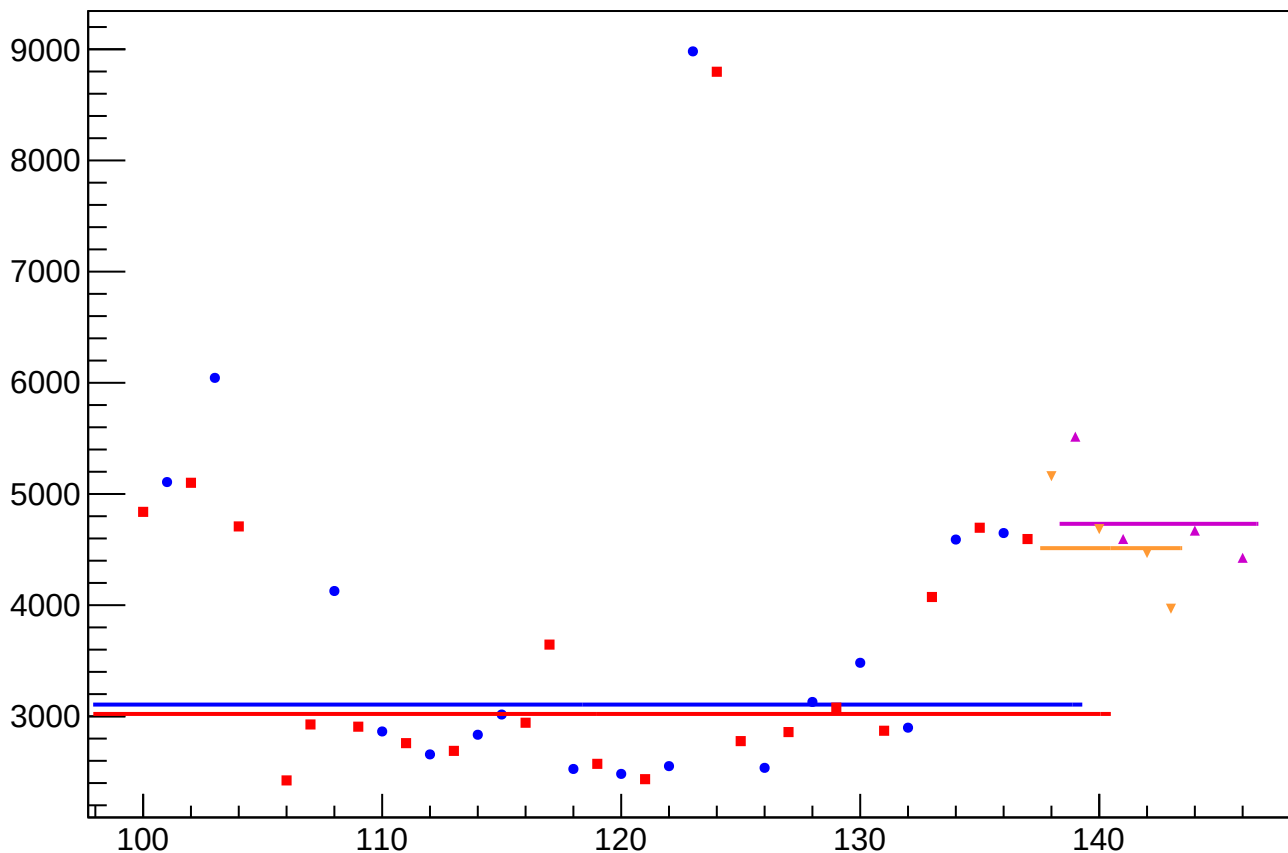
Left In: -778.054+/-2614.087 χ^2/NDF : 1.2/3

-363.957+/-1140.376 χ^2/NDF : 18.5/20

-707.852+/-784.849 χ^2/NDF : 35.4/44

-1017.341+/-1081.826 χ^2/NDF : 16.8/23

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4512.873 $\pm$ 1.987 χ^2/NDF : 49863.5/3

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

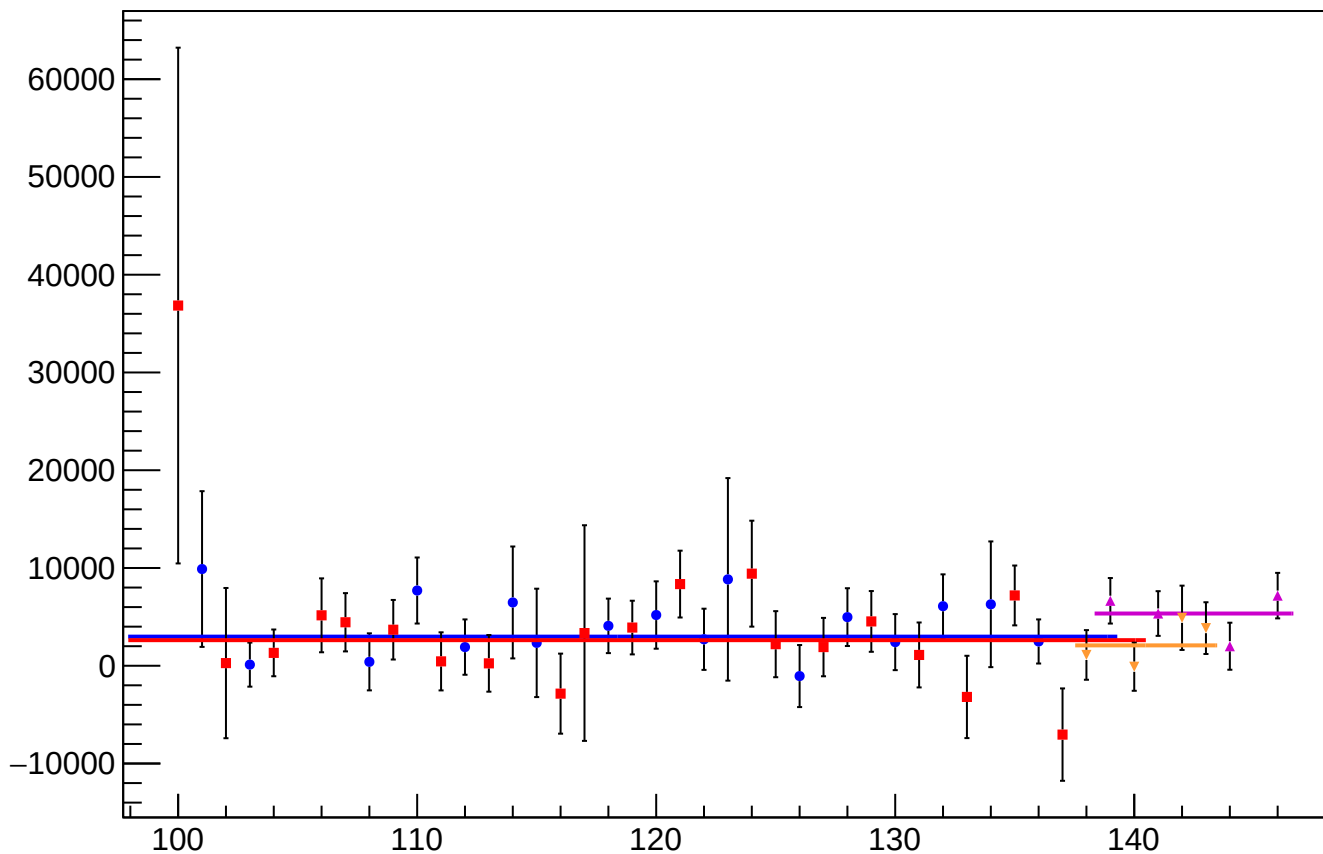
Left In: 4731.637 $\pm$ 1.848 χ^2/NDF : 41567.3/3

3337.501 $\pm$ 0.806 χ^2/NDF : 1428433.9/20

3322.070 $\pm$ 0.552 χ^2/NDF : 2979800.8/44

3308.467 $\pm$ 0.757 χ^2/NDF : 1550677.8/23

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2978.445+/-795.398 χ^2/NDF : 9.9/16

Left Out: 2084.398+/-1341.471 χ^2/NDF : 2.1/3

Right Out: 2617.544+/-781.260 χ^2/NDF : 19.6/19

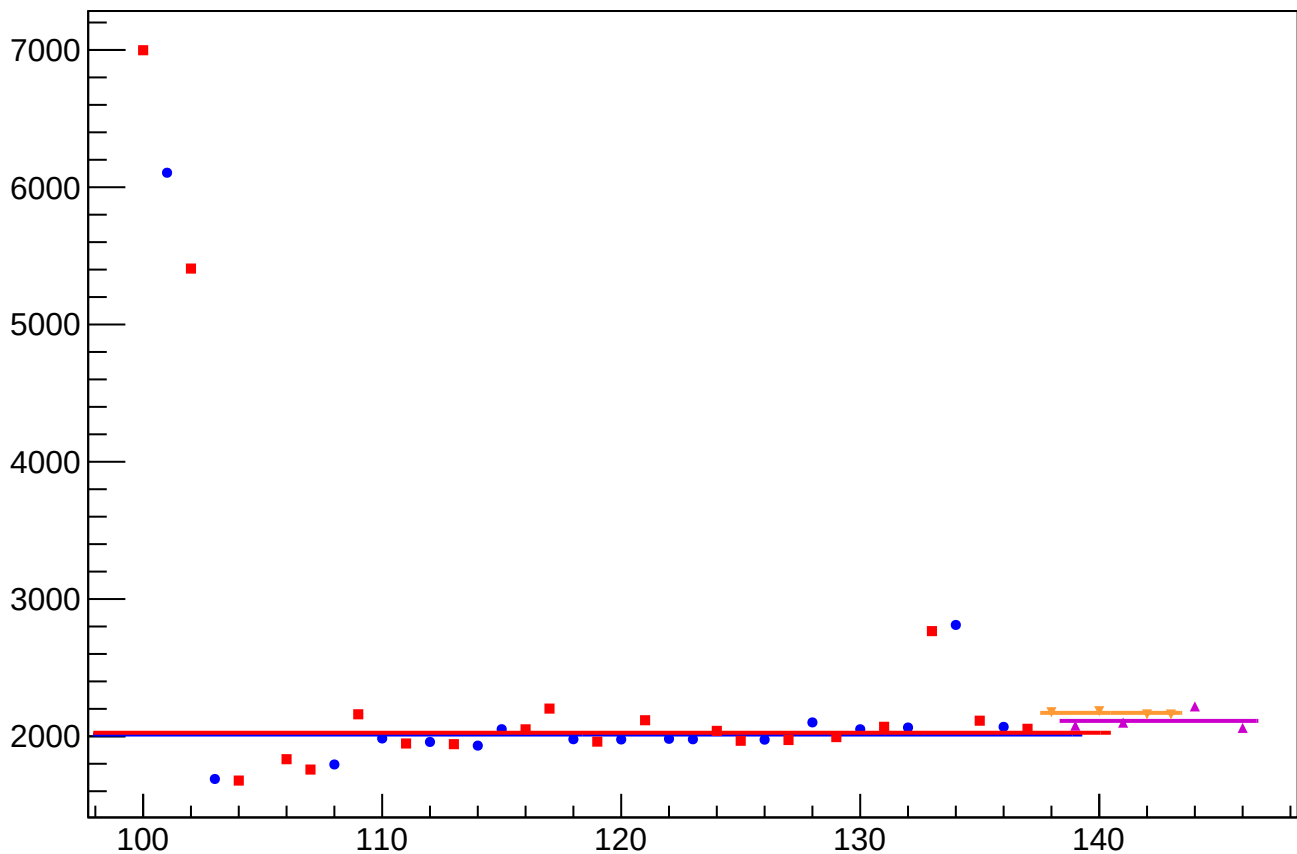
Left In: 5343.274+/-1167.636 χ^2/NDF : 2.9/3

2745.888+/-684.173 χ^2/NDF : 12.3/20

3121.838+/-470.978 χ^2/NDF : 39.1/44

3460.460+/-649.319 χ^2/NDF : 26.2/23

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2012.945 $\pm$ 0.562 χ^2 /NDF: 617707.4/16

Left Out: 2170.803 $\pm$ 0.949 χ^2 /NDF:121.3/3

Right Out: 2025.957 $\pm$ 0.552 χ^2 /NDF: 597934.3/19

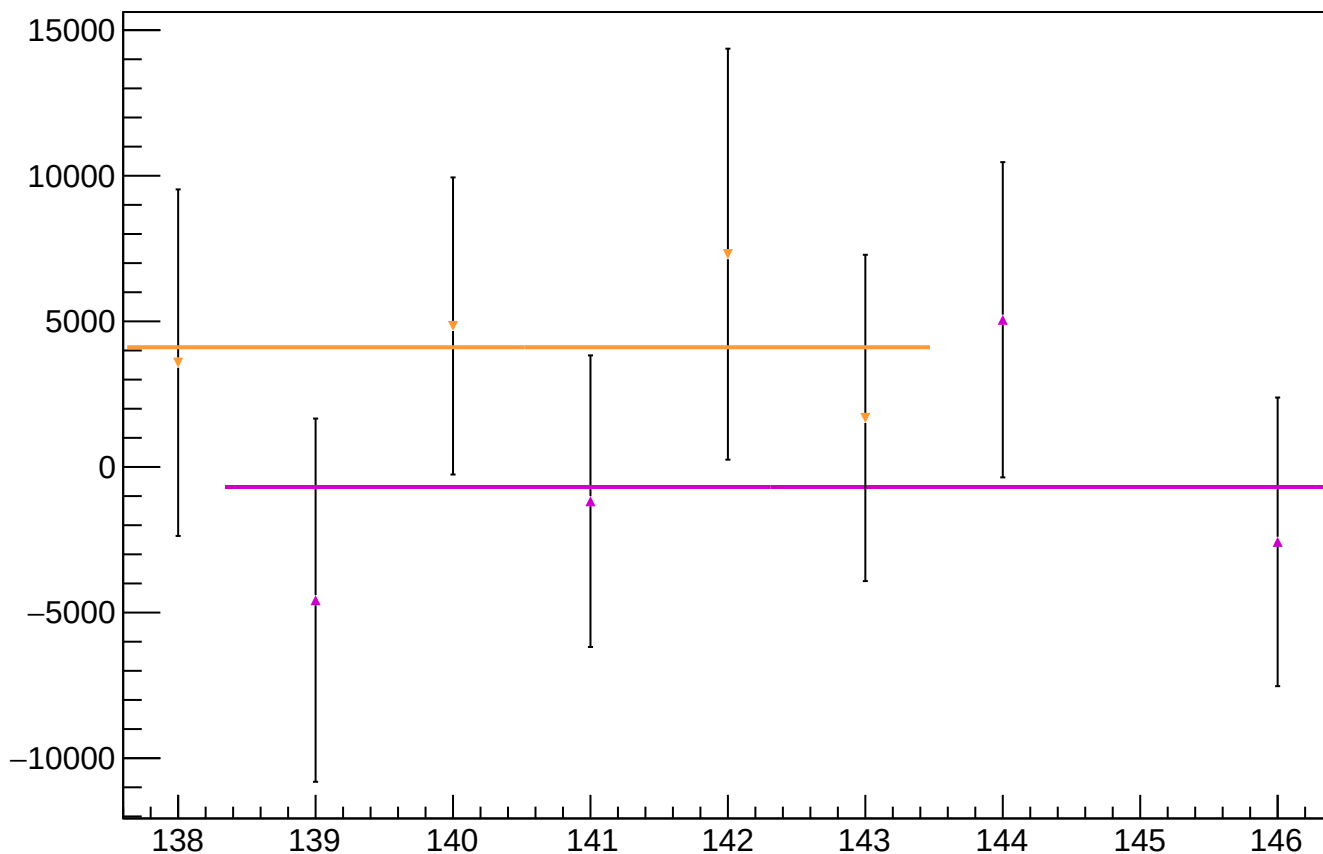
Left In: 2112.320 $\pm$ 0.826 χ^2 /NDF:5320.0/3

2054.007 $\pm$ 0.484 χ^2 /NDF: 638319.6/20

2053.294 $\pm$ 0.333 χ^2 /NDF: 1249137.4/44

2052.652 $\pm$ 0.459 χ^2 /NDF: 610813.7/23

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 4110.889+/-2903.579 χ^2/NDF : 0.4/3

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

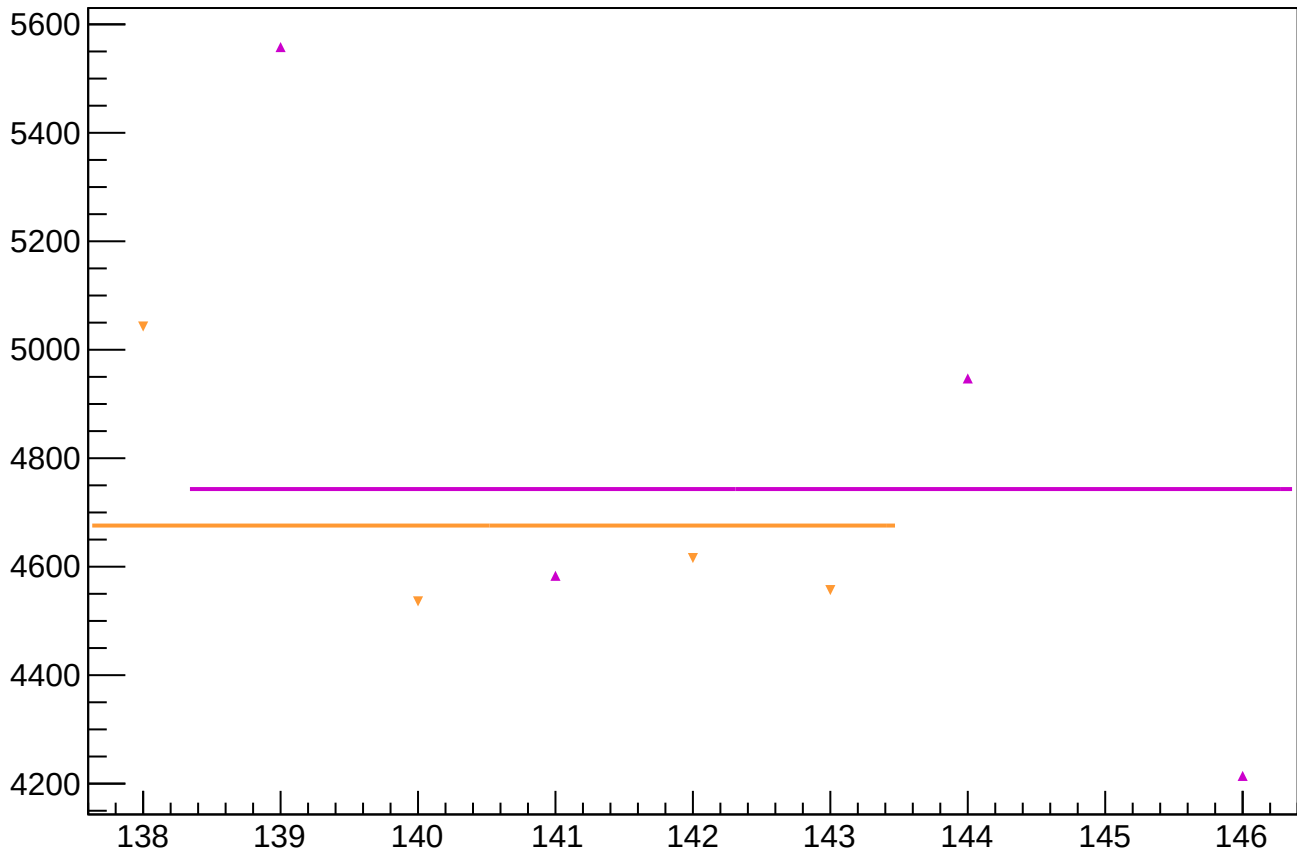
Left In: -688.034+/-2668.266 χ^2/NDF : 1.7/3

4110.889+/-2903.579 χ^2/NDF : 0.4/3

1509.117+/-1964.680 χ^2/NDF : 3.6/7

-688.034+/-2668.266 χ^2/NDF : 1.7/3

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4675.861+/-2.053 χ^2/NDF : 10156.4/3

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

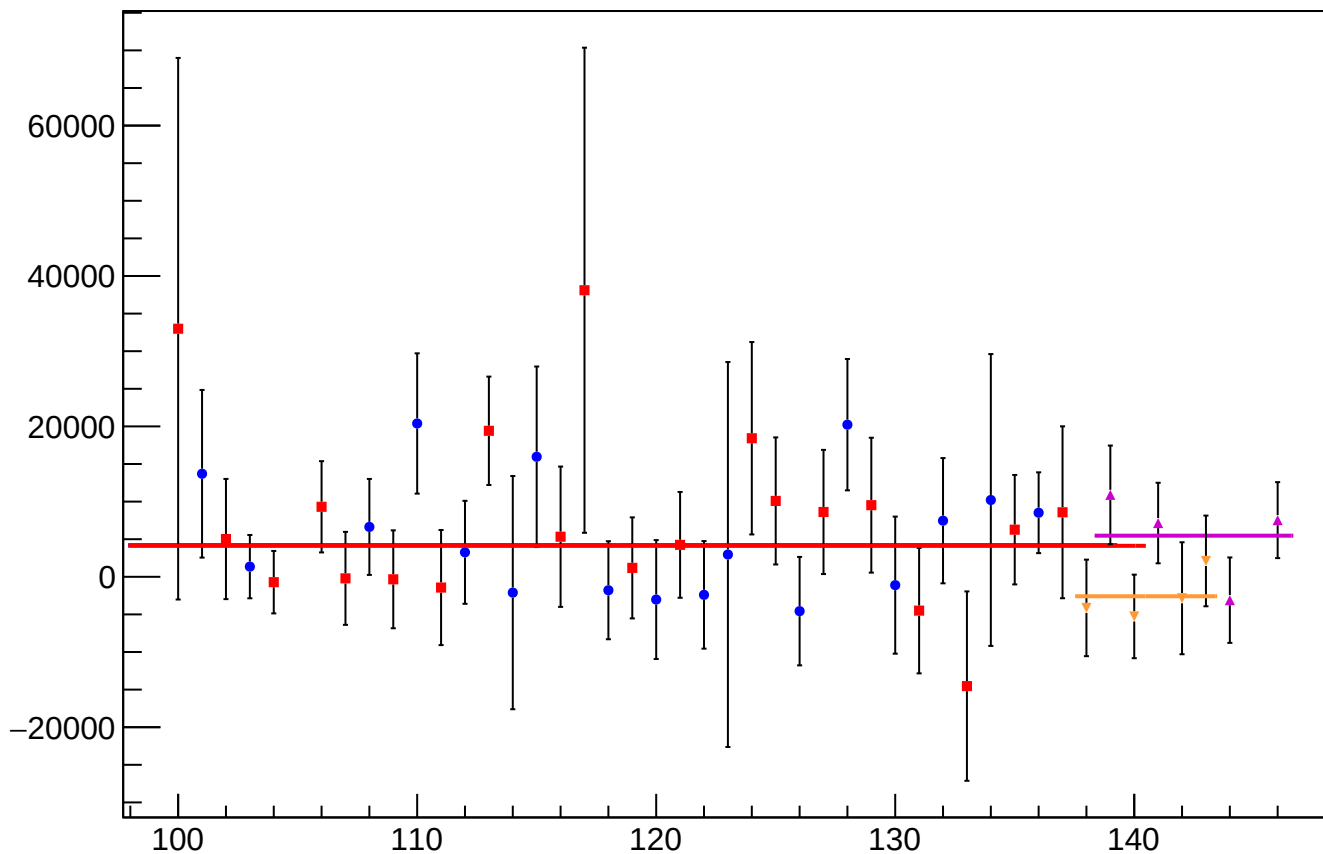
Left In: 4743.159+/-1.887 χ^2/NDF : 61810.5/3

4675.861+/-2.053 χ^2/NDF : 10156.4/3

4712.347+/-1.389 χ^2/NDF : 72549.3/7

4743.159+/-1.887 χ^2/NDF : 61810.5/3

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -2587.794 $\pm$ 3127.649 χ^2 /NDF: 0.9/3

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

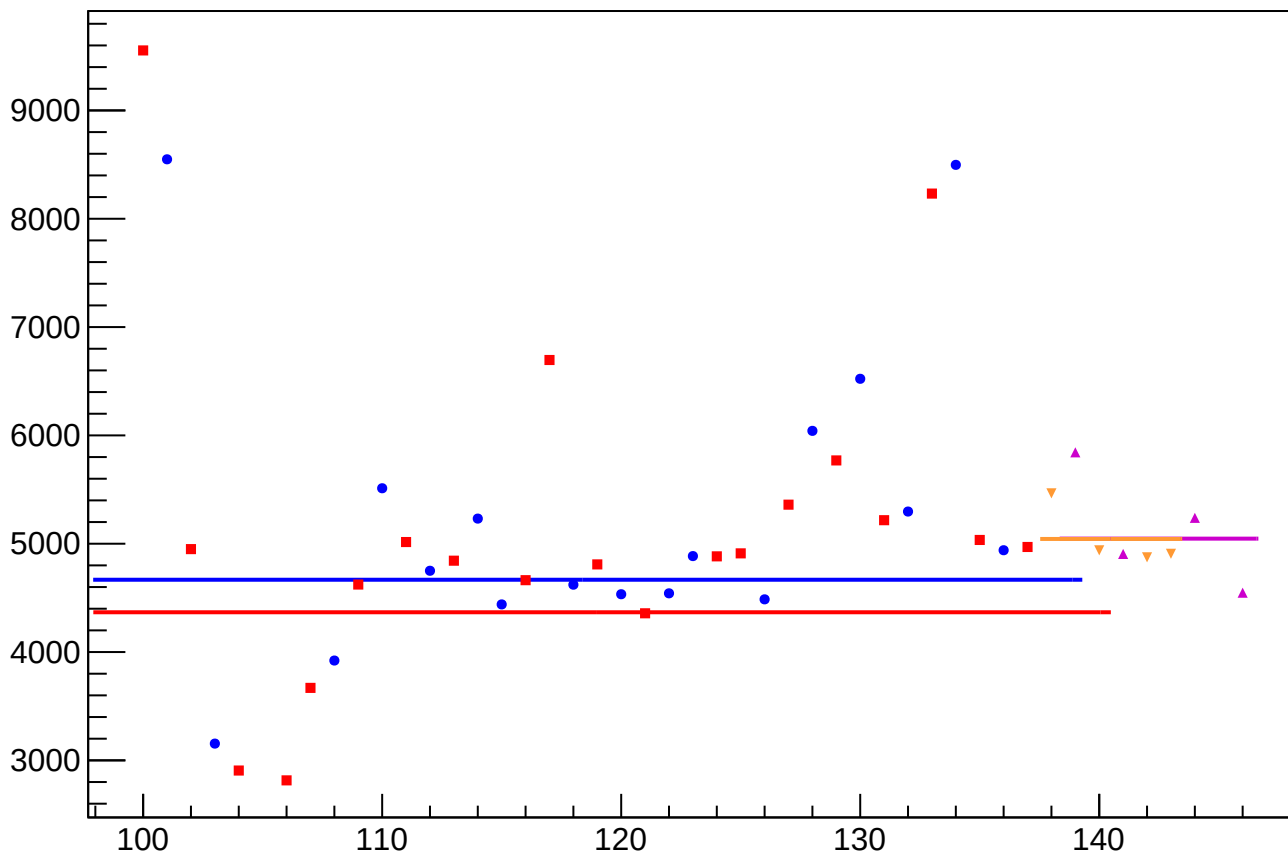
Left In: 5469.066 $\pm$ 2791.218 χ^2 /NDF: 3.2/3

2428.781 $\pm$ 1597.270 χ^2 /NDF: 18.5/20

3549.088 $\pm$ 1080.044 χ^2 /NDF: 38.8/44

4492.802 $\pm$ 1465.987 χ^2 /NDF: 19.4/23

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4667.470 $\pm$ 1.314 χ^2/NDF : 777857.9/16

Left Out: 5043.984 $\pm$ 2.212 χ^2/NDF : 11392.5/3

Right Out: 4367.168 $\pm$ 1.211 χ^2/NDF : 843201.8/19

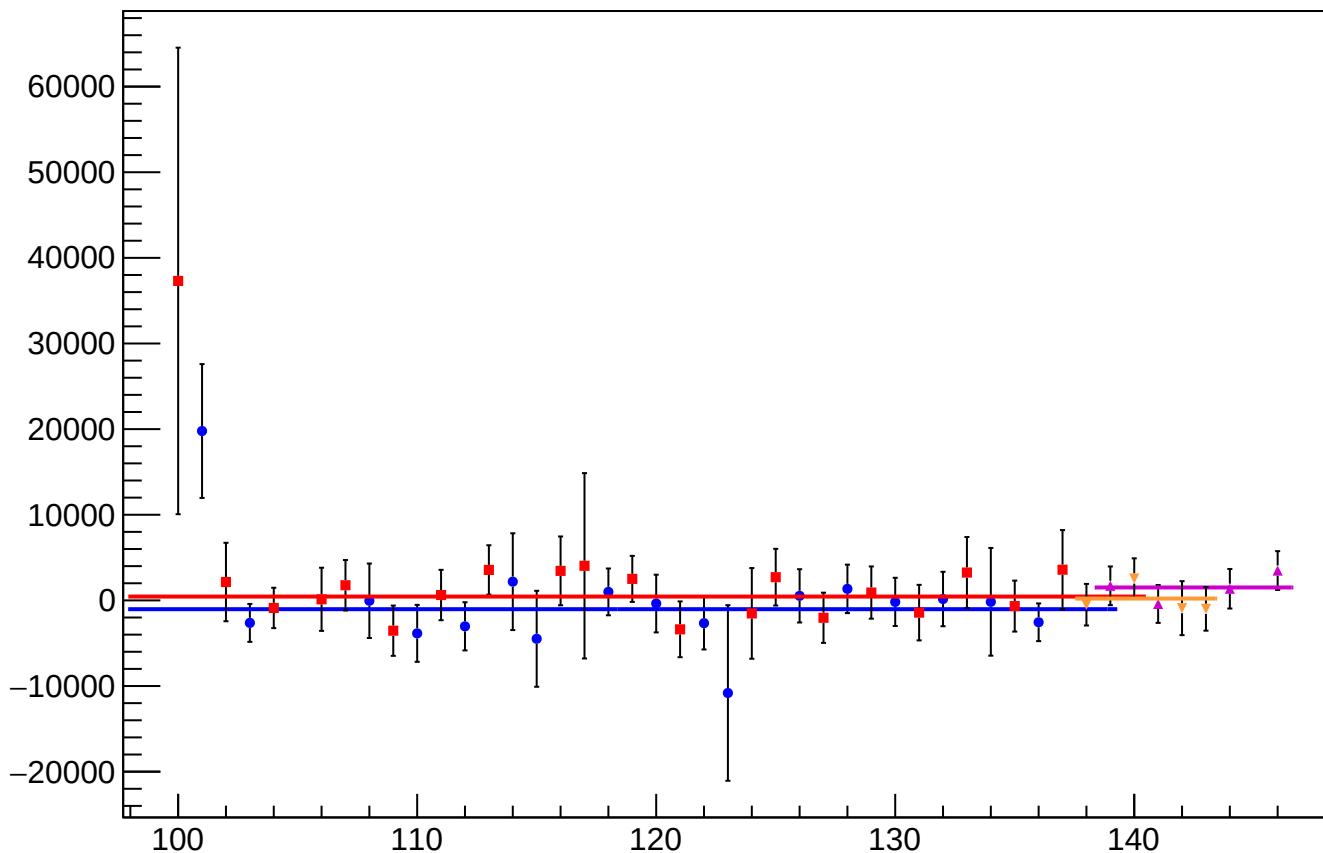
Left In: 5046.922 $\pm$ 1.974 χ^2/NDF : 52750.8/3

4765.668 $\pm$ 1.129 χ^2/NDF : 810675.0/20

4649.857 $\pm$ 0.762 χ^2/NDF : 1812093.8/44

4553.114 $\pm$ 1.032 χ^2/NDF : 982121.6/23

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1027.051 ± 796.597 $\chi^2/\text{NDF}: 13.1/16$

Left Out: 214.079 ± 1286.579 $\chi^2/\text{NDF}: 1.4/3$

Right Out: 446.244 ± 758.944 $\chi^2/\text{NDF}: 10.9/19$

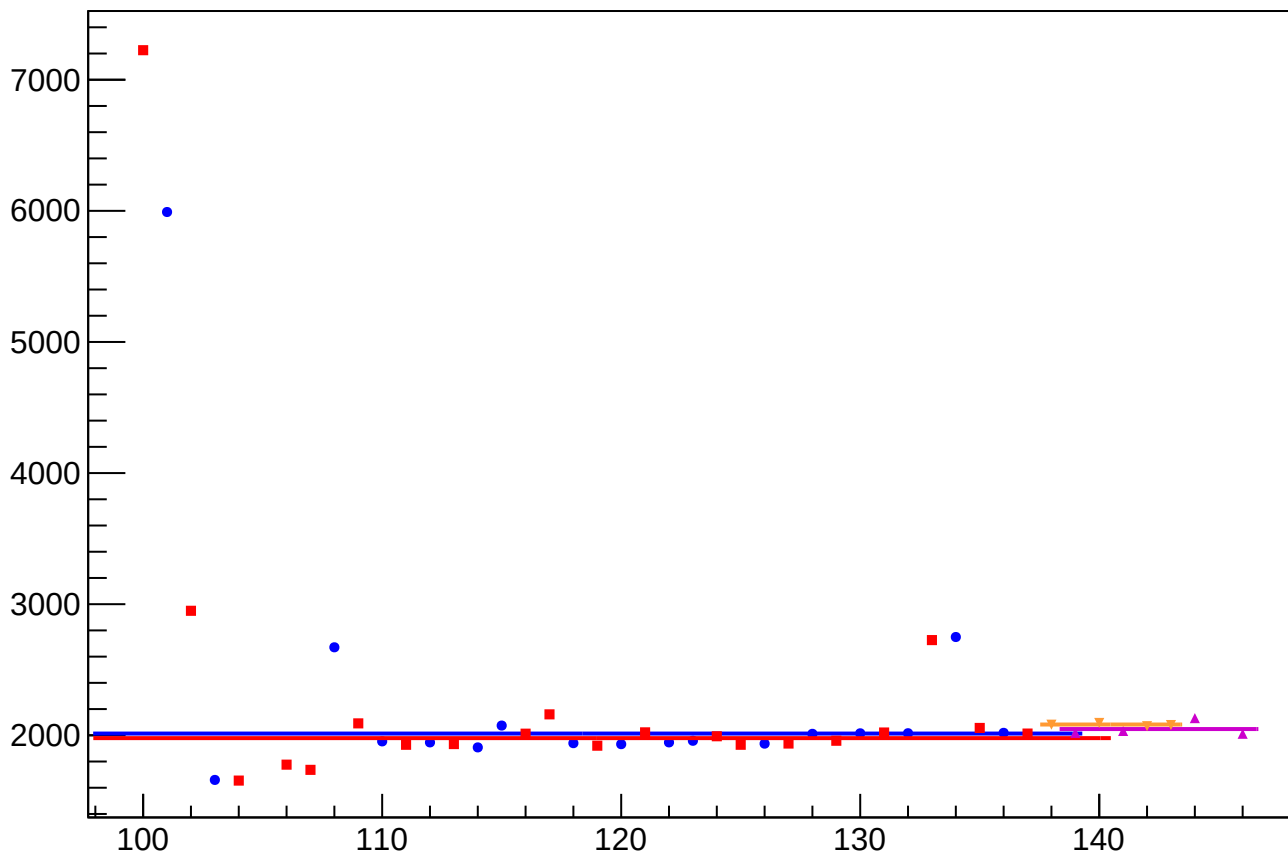
Left In: 1508.854 ± 1131.000 $\chi^2/\text{NDF}: 1.5/3$

-683.108 ± 677.285 $\chi^2/\text{NDF}: 15.1/20$

99.006 ± 461.369 $\chi^2/\text{NDF}: 30.6/44$

776.167 ± 630.205 $\chi^2/\text{NDF}: 13.0/23$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 2082.254+/-0.910 χ^2/NDF : 90.5/3

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

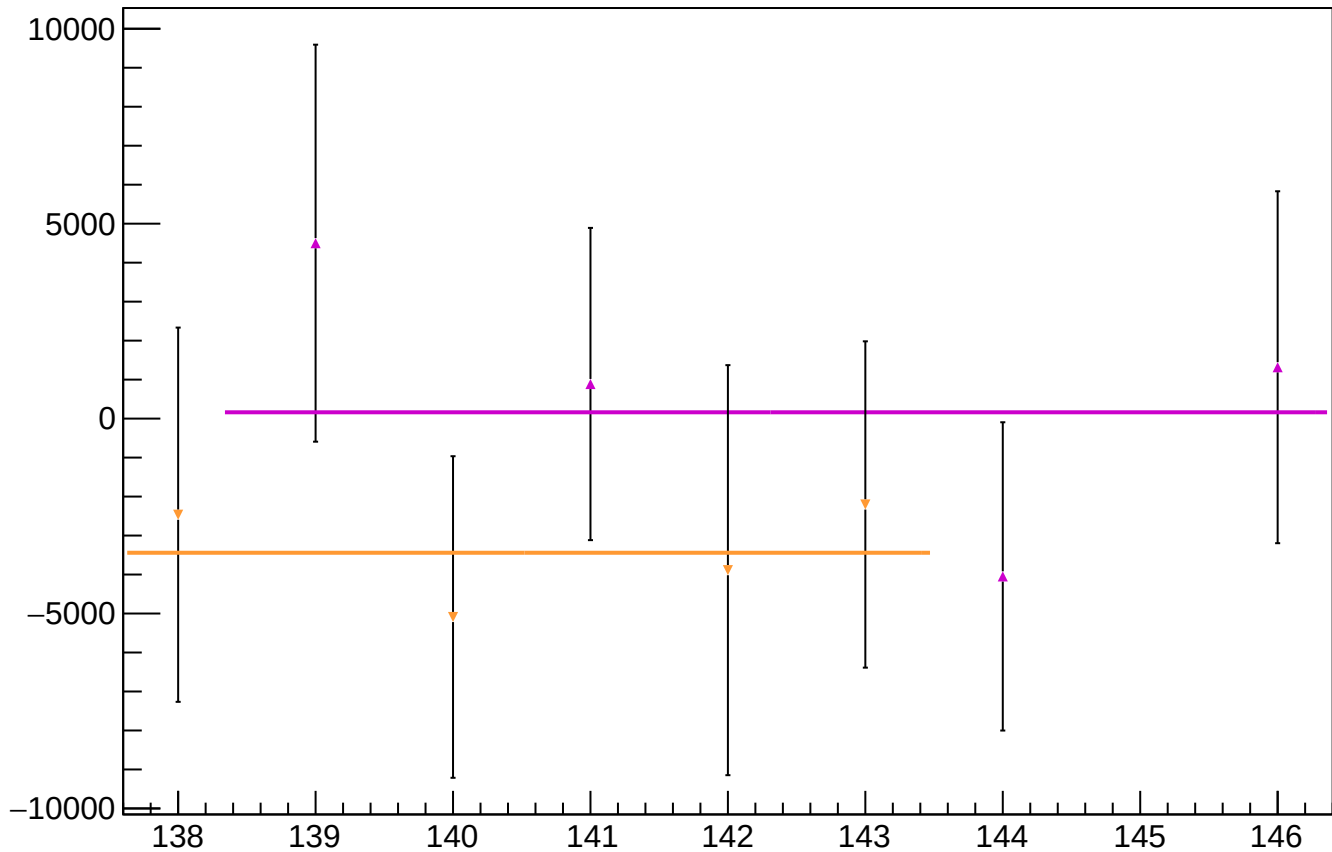
Left In: 2047.680+/-0.800 χ^2/NDF : 3518.7/3

2032.387+/-0.479 χ^2/NDF : 654295.5/20

2014.966+/-0.326 χ^2/NDF : 960916.5/44

1999.906+/-0.445 χ^2/NDF : 304154.0/23

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -3441.118+/-2262.034 χ^2/NDF : 0.3/3

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

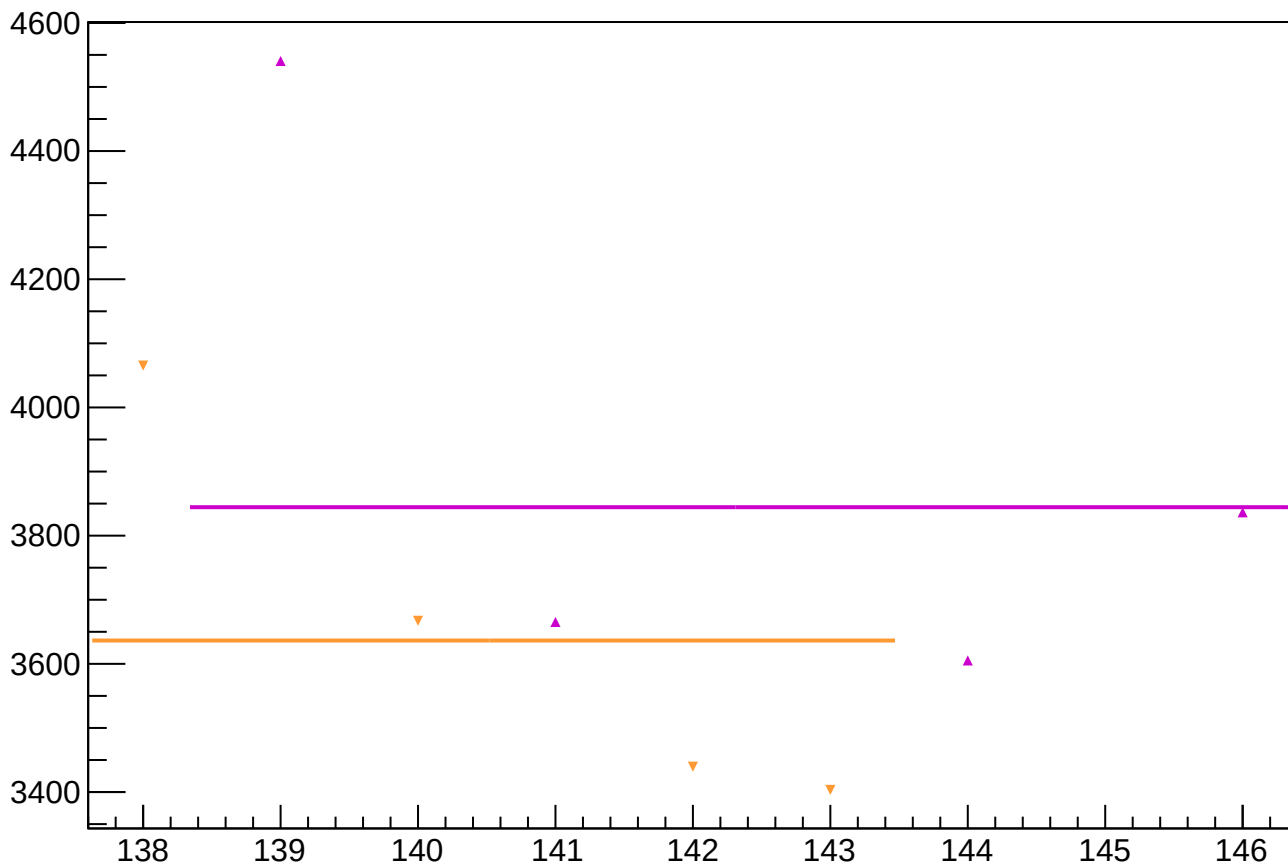
Left In: 161.756+/-2161.799 χ^2/NDF : 2.0/3

-3441.118+/-2262.034 χ^2/NDF : 0.3/3

-1558.089+/-1562.857 χ^2/NDF : 3.6/7

161.756+/-2161.799 χ^2/NDF : 2.0/3

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3636.416+/-1.599 χ^2/NDF : 25084.2/3

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

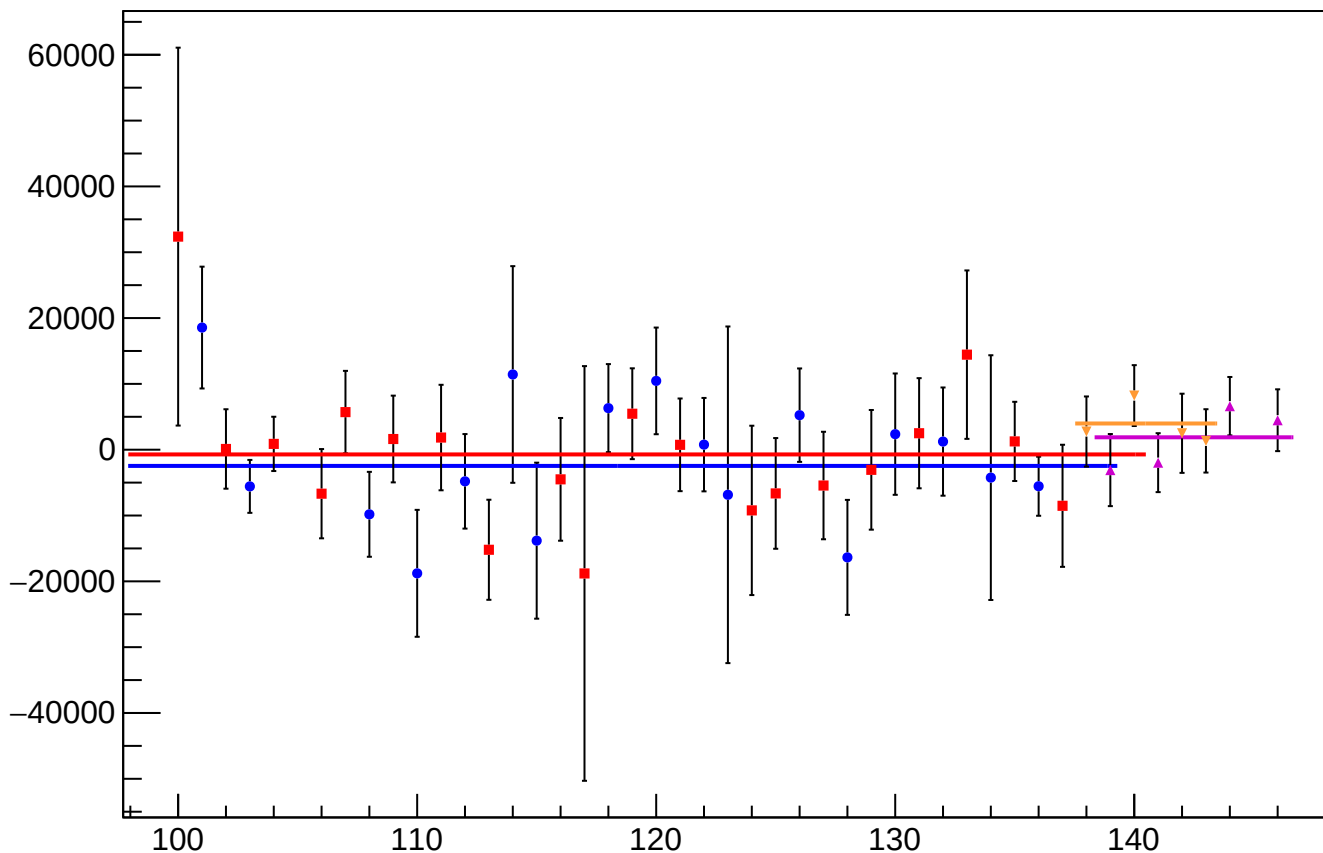
Left In: 3844.397+/-1.529 χ^2/NDF : 48696.2/3

3636.416+/-1.599 χ^2/NDF : 25084.2/3

3745.117+/-1.105 χ^2/NDF : 82617.0/7

3844.397+/-1.529 χ^2/NDF : 48696.2/3

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2462.254 ± 1797.293 χ^2/NDF : 20.8/16

Left Out: 3982.165 ± 2557.905 χ^2/NDF : 1.3/3

Right Out: -718.204 ± 1687.386 χ^2/NDF : 12.2/19

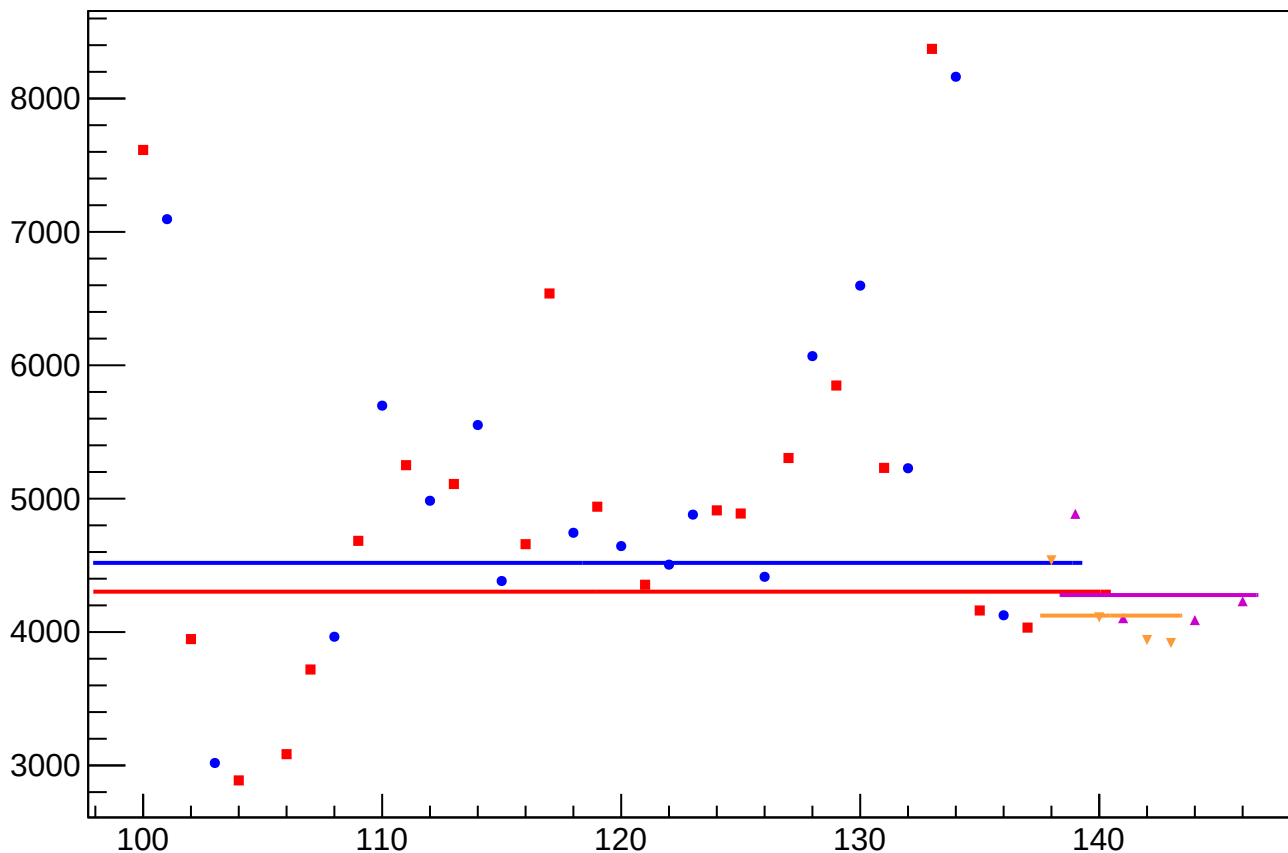
Left In: 1883.166 ± 2360.804 χ^2/NDF : 3.0/3

-332.216 ± 1470.572 χ^2/NDF : 26.3/20

-68.455 ± 1003.494 χ^2/NDF : 42.4/44

161.394 ± 1372.781 χ^2/NDF : 16.0/23

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4518.684 $\pm$ 1.271 χ^2 /NDF: 770226.9/16

Left Out: 4123.484 $\pm$ 1.809 χ^2 /NDF: 17620.7/3

Right Out: 4302.741 $\pm$ 1.187 χ^2 /NDF: 781804.7/19

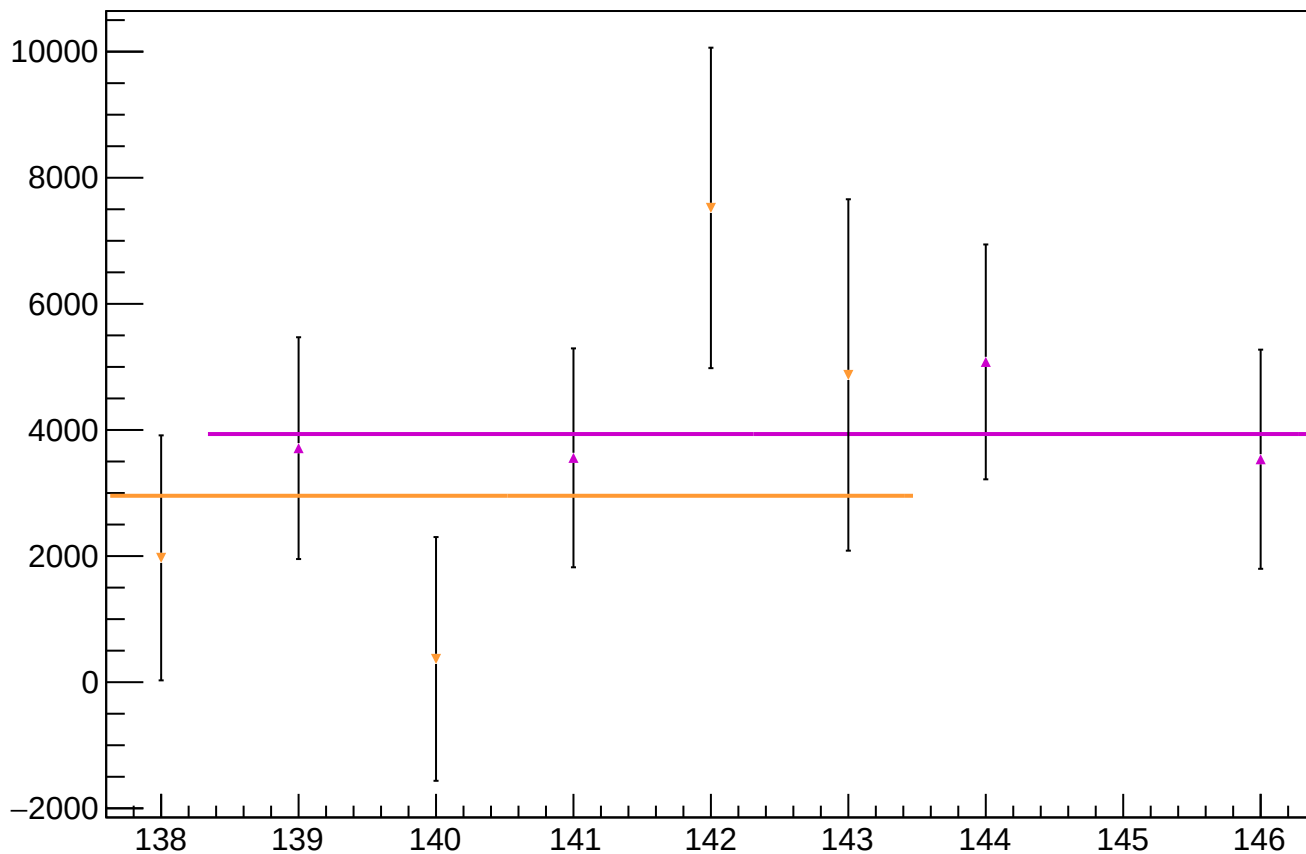
Left In: 4277.504 $\pm$ 1.669 χ^2 /NDF: 31509.7/3

4388.061 $\pm$ 1.040 χ^2 /NDF: 819809.2/20

4337.772 $\pm$ 0.708 χ^2 /NDF: 1637637.5/44

4294.270 $\pm$ 0.967 χ^2 /NDF: 813466.2/23

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: 2956.575+/-1106.839 χ^2/NDF : 5.7/3

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

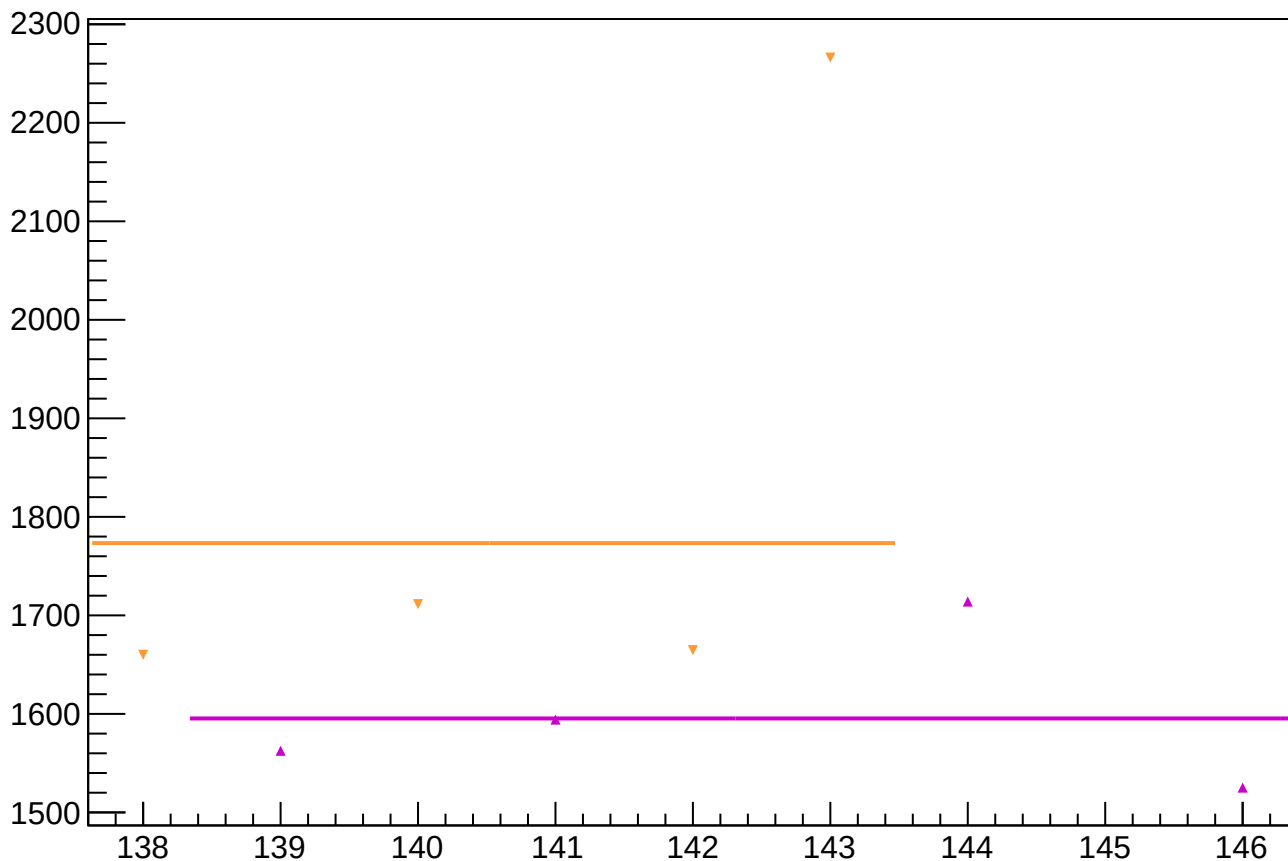
Left In: 3935.503+/-885.745 χ^2/NDF : 0.5/3

2956.575+/-1106.839 χ^2/NDF : 5.7/3

3553.338+/-691.567 χ^2/NDF : 6.7/7

3935.503+/-885.745 χ^2/NDF : 0.5/3

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: 1773.376+/-0.783 χ^2/NDF : 75080.9/3

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

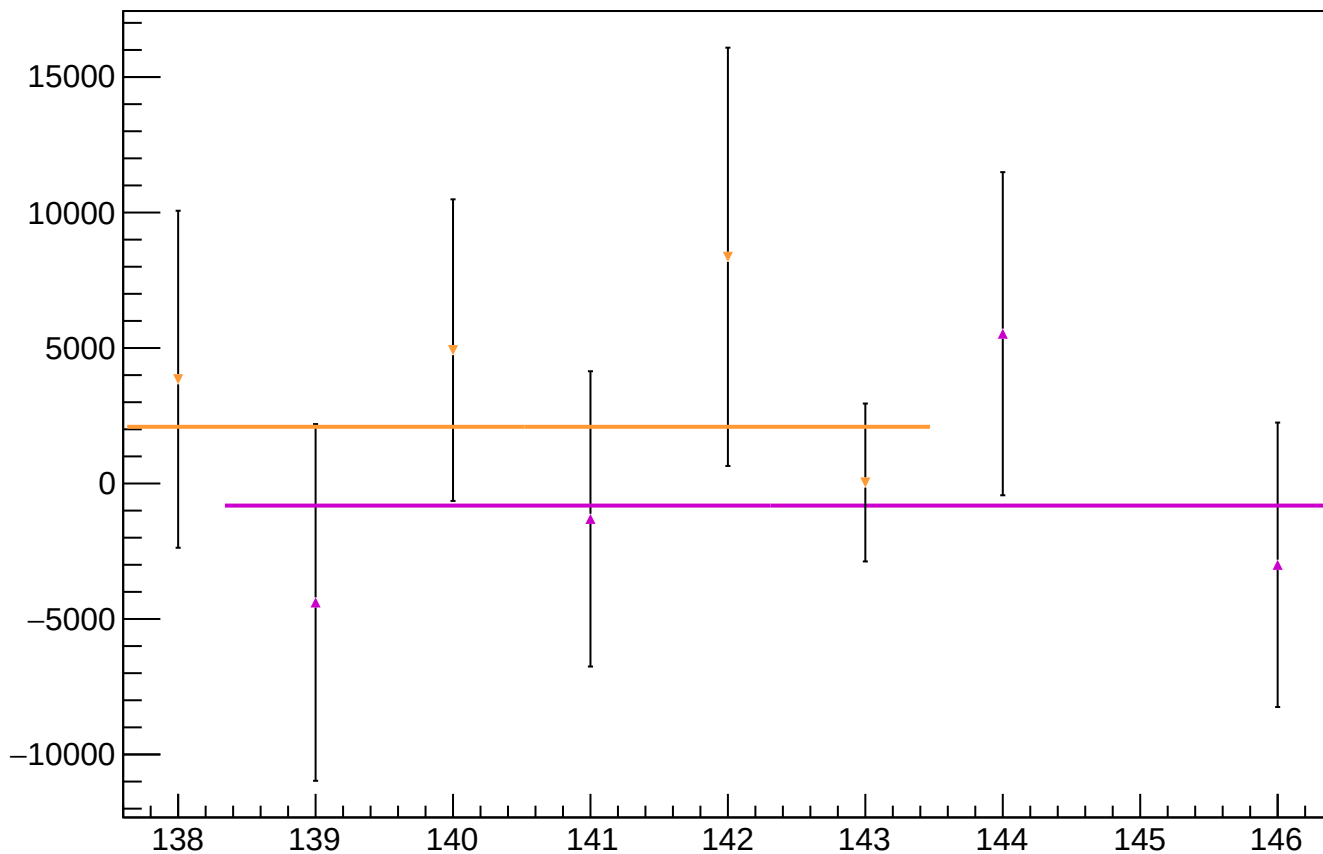
Left In: 1595.369+/-0.626 χ^2/NDF : 12076.3/3

1773.376+/-0.783 χ^2/NDF : 75080.9/3

1664.861+/-0.489 χ^2/NDF : 118691.5/7

1595.369+/-0.626 χ^2/NDF : 12076.3/3

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2092.571+/-2278.105 χ^2/NDF : 1.5/3

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

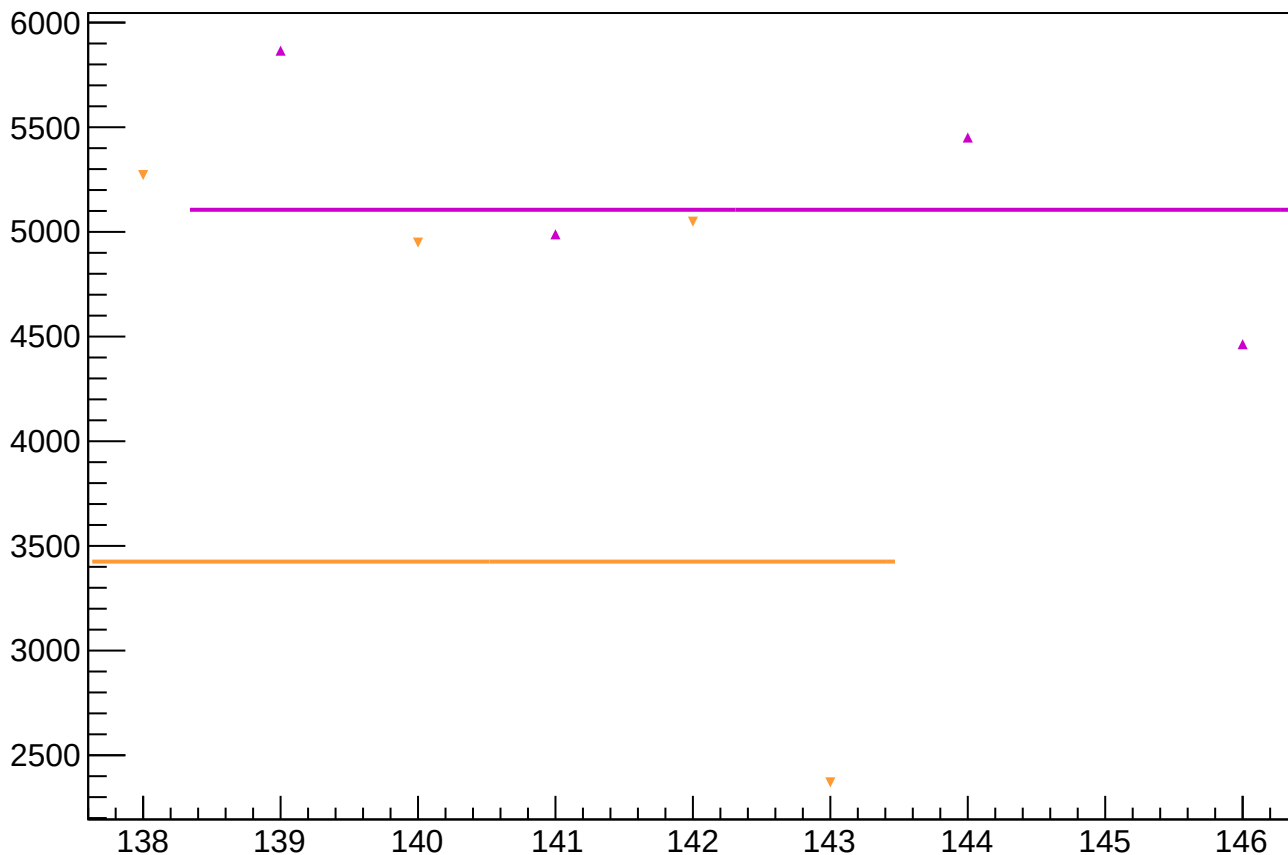
Left In: -814.944+/-2872.601 χ^2/NDF : 1.6/3

2092.571+/-2278.105 χ^2/NDF : 1.5/3

969.988+/-1784.940 χ^2/NDF : 3.7/7

-814.944+/-2872.601 χ^2/NDF : 1.6/3

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: 3425.110+/-1.611 χ^2/NDF : 676657.1/3

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

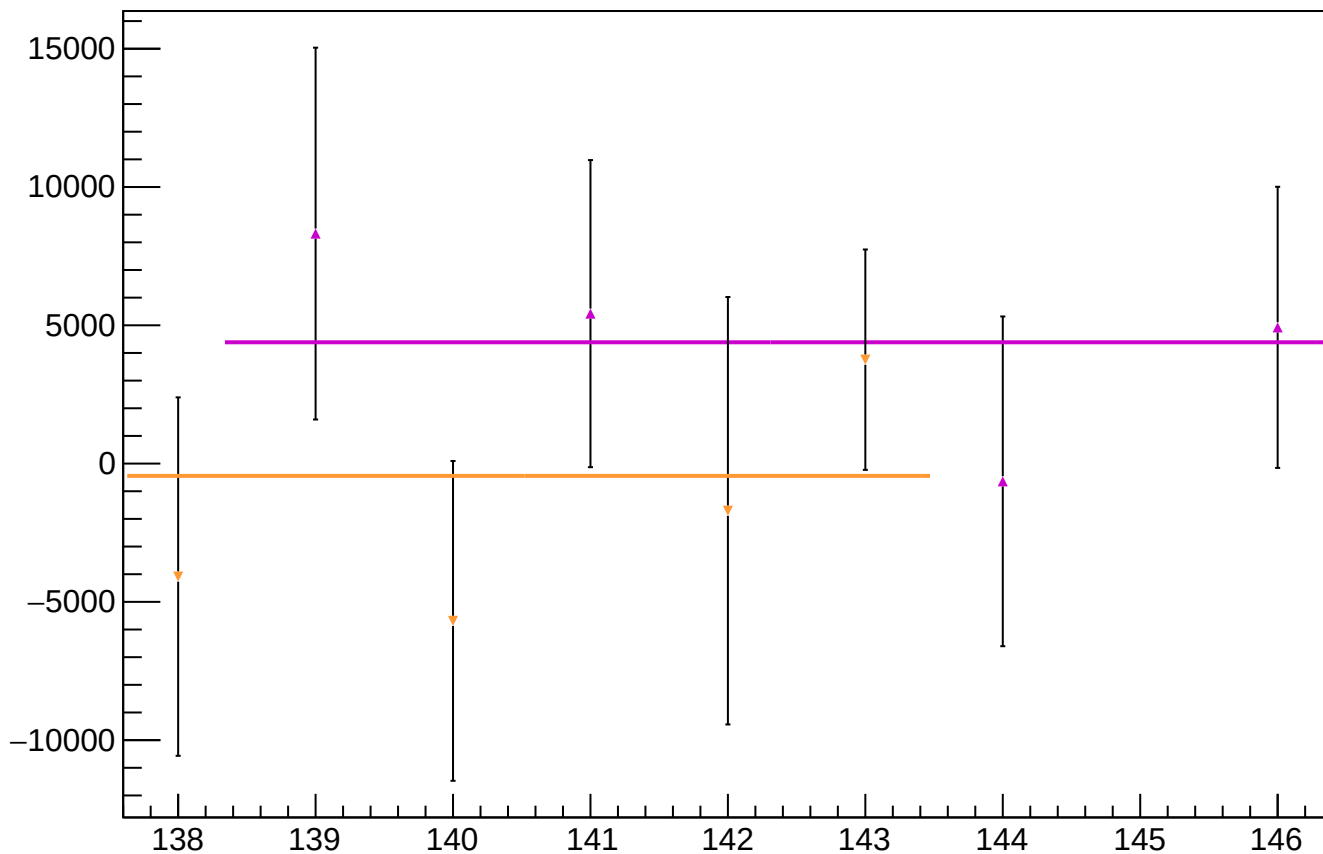
Left In: 5105.667+/-2.031 χ^2/NDF : 64235.8/3

3425.110+/-1.611 χ^2/NDF : 676657.1/3

4073.968+/-1.262 χ^2/NDF : 1161121.0/7

5105.667+/-2.031 χ^2/NDF : 64235.8/3

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: -444.655+/-2737.307 χ^2/NDF : 2.3/3

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

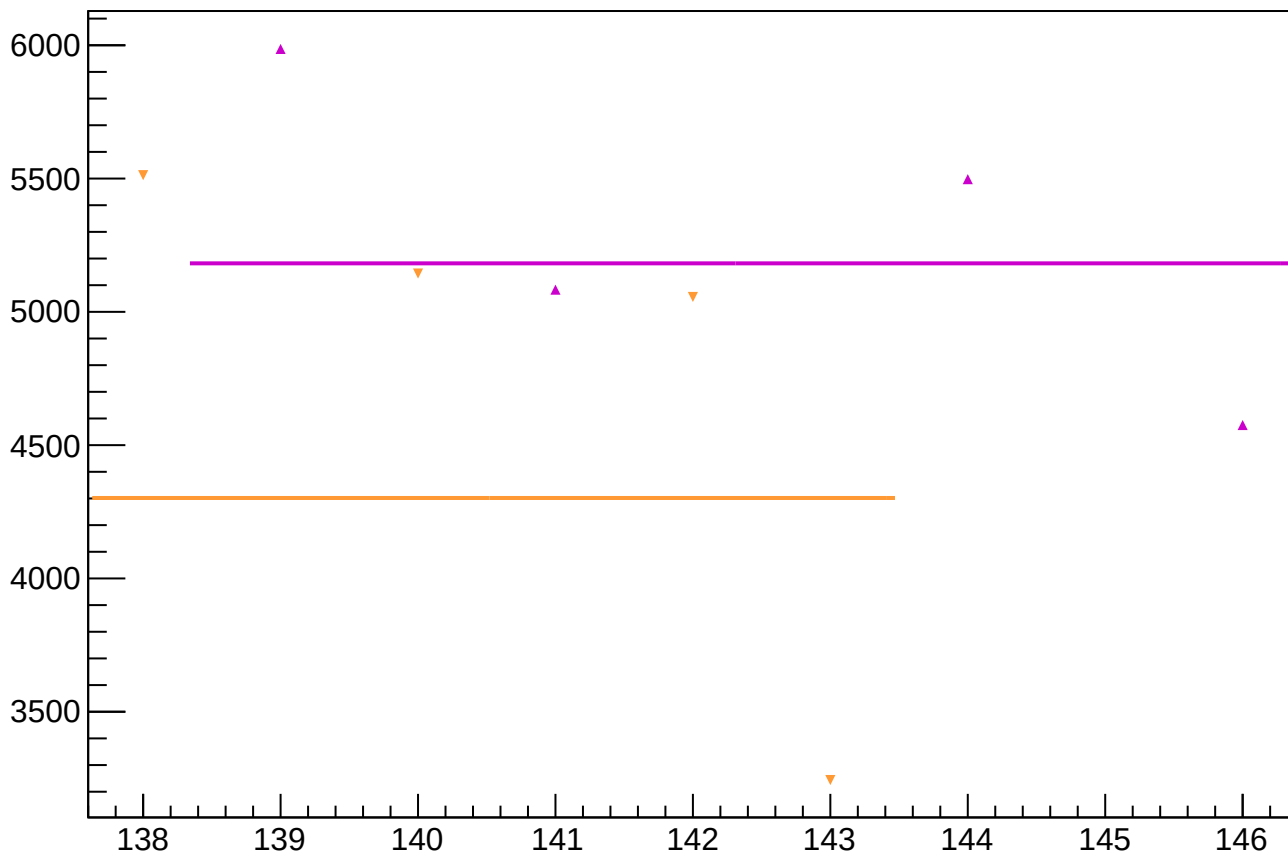
Left In: 4385.899+/-2869.744 χ^2/NDF : 1.1/3

-444.655+/-2737.307 χ^2/NDF : 2.3/3

1856.590+/-1980.733 χ^2/NDF : 4.9/7

4385.899+/-2869.744 χ^2/NDF : 1.1/3

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: 4301.808+/-1.936 χ^2/NDF : 272297.6/3

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

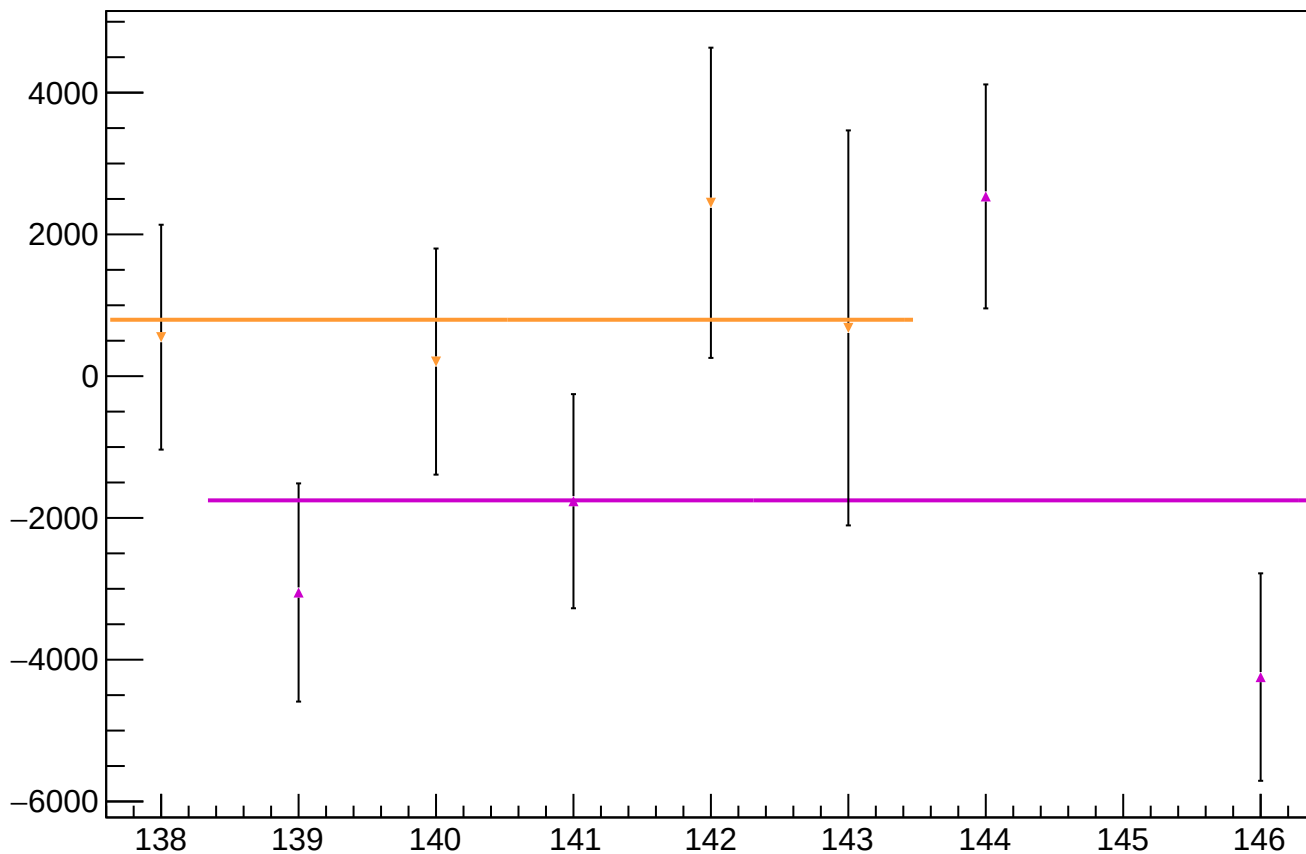
Left In: 5181.974+/-2.029 χ^2/NDF : 63347.6/3

4301.808+/-1.936 χ^2/NDF : 272297.6/3

4721.113+/-1.401 χ^2/NDF : 434154.6/7

5181.974+/-2.029 χ^2/NDF : 63347.6/3

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: 795.919+/-941.494 χ^2/NDF : 0.7/3

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

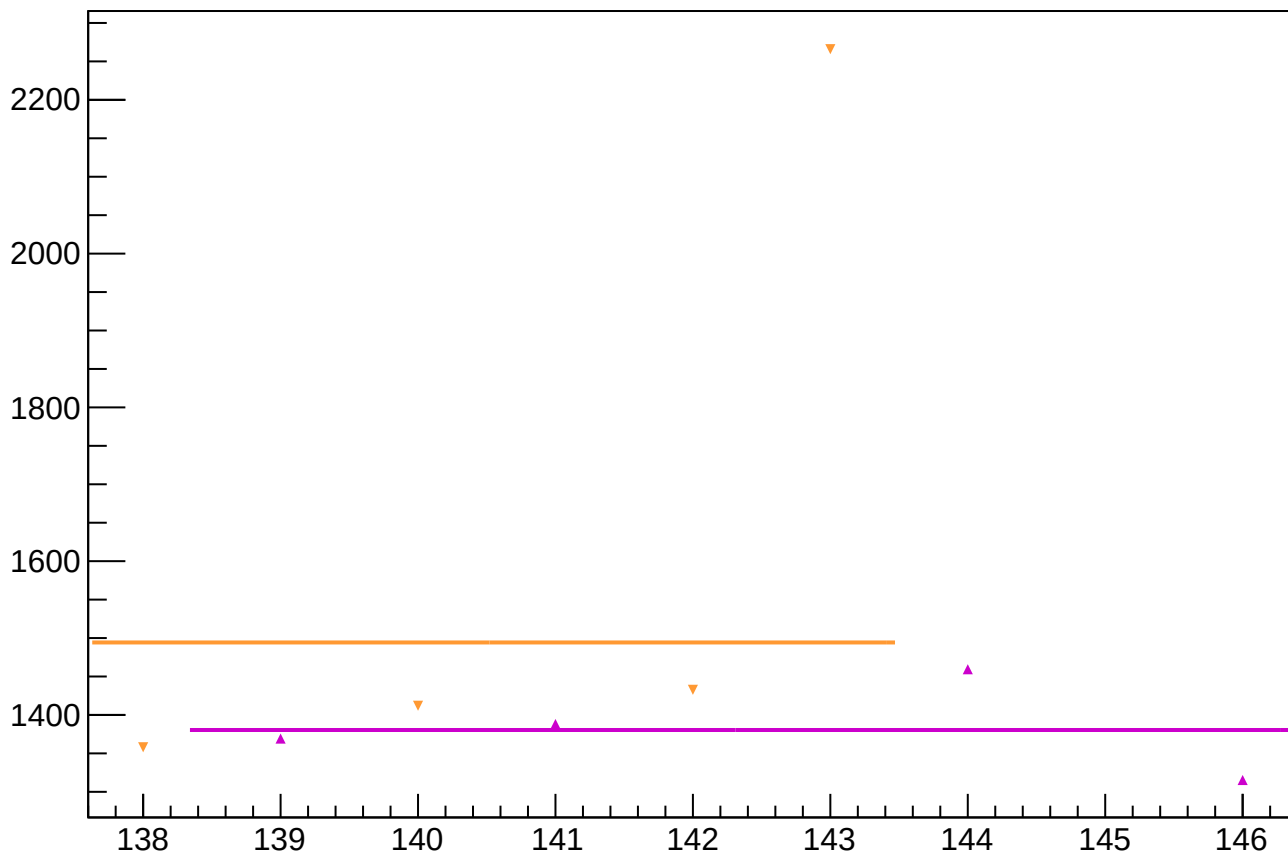
Left In: -1752.188+/-760.721 χ^2/NDF : 11.0/3

795.919+/-941.494 χ^2/NDF : 0.7/3

-745.722+/-591.709 χ^2/NDF : 16.1/7

-1752.188+/-760.721 χ^2/NDF : 11.0/3

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: 1494.266+/-0.666 χ^2/NDF :175060.3/3

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

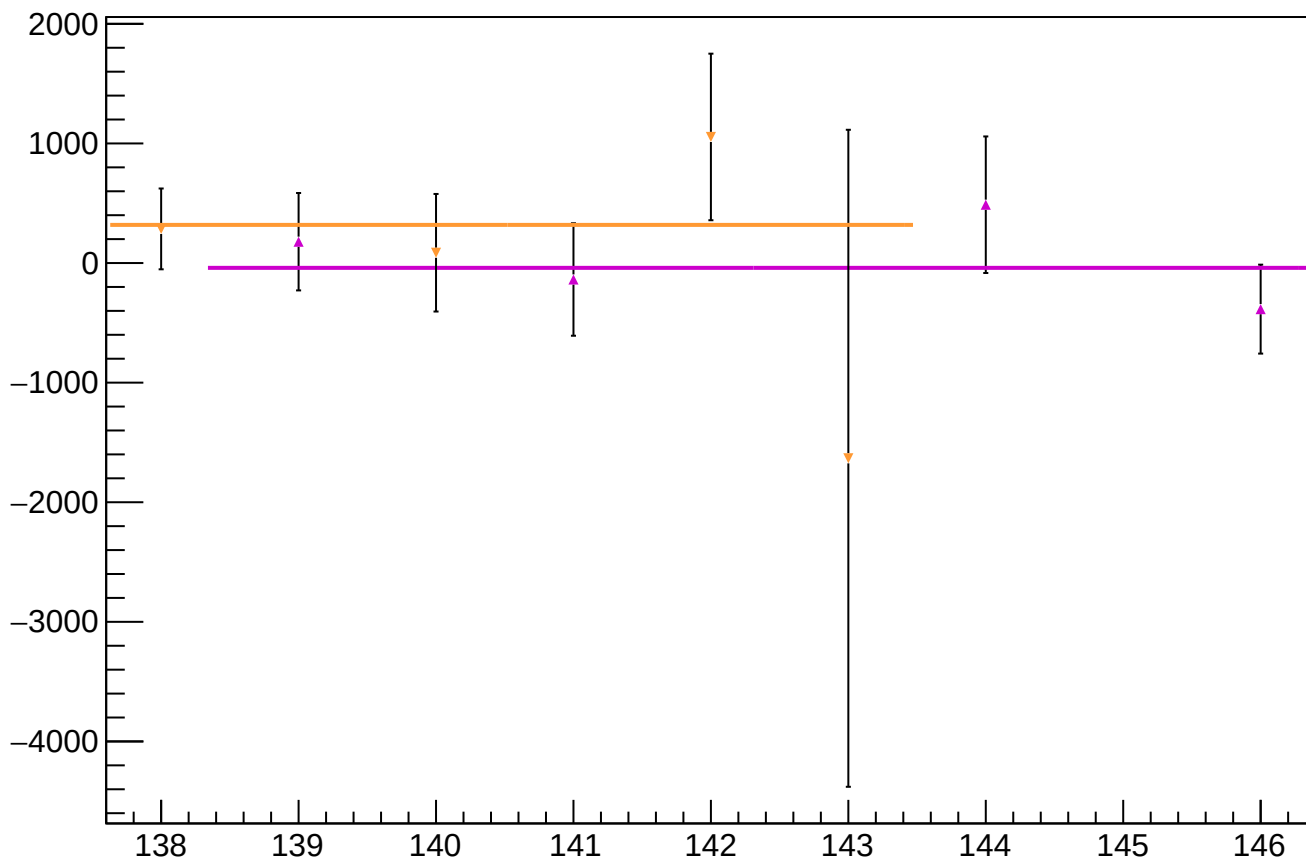
Left In: 1380.419+/-0.538 χ^2/NDF :9112.3/3

1494.266+/-0.666 χ^2/NDF : 175060.3/3

1425.387+/-0.418 χ^2/NDF : 201865.8/7

1380.419+/-0.538 χ^2/NDF : 9112.3/3

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: 318.961+/-257.371 χ^2/NDF : 1.9/3

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

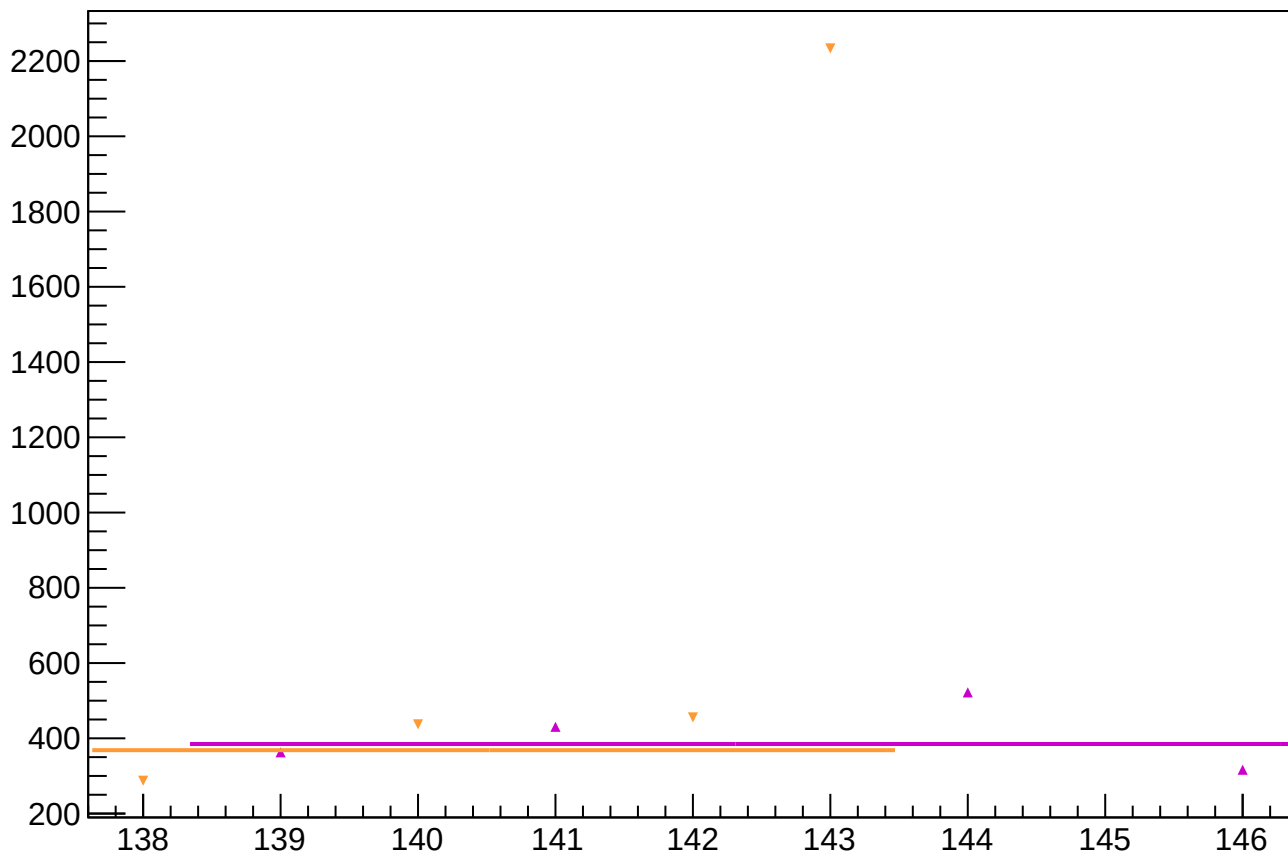
Left In: -40.215+/-218.968 χ^2/NDF : 2.0/3

318.961+/-257.371 χ^2/NDF : 1.9/3

110.602+/-166.775 χ^2/NDF : 5.0/7

-40.215+/-218.968 χ^2/NDF : 2.0/3

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: 368.478+/-0.182 χ^2/NDF : 1107816.5/3

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

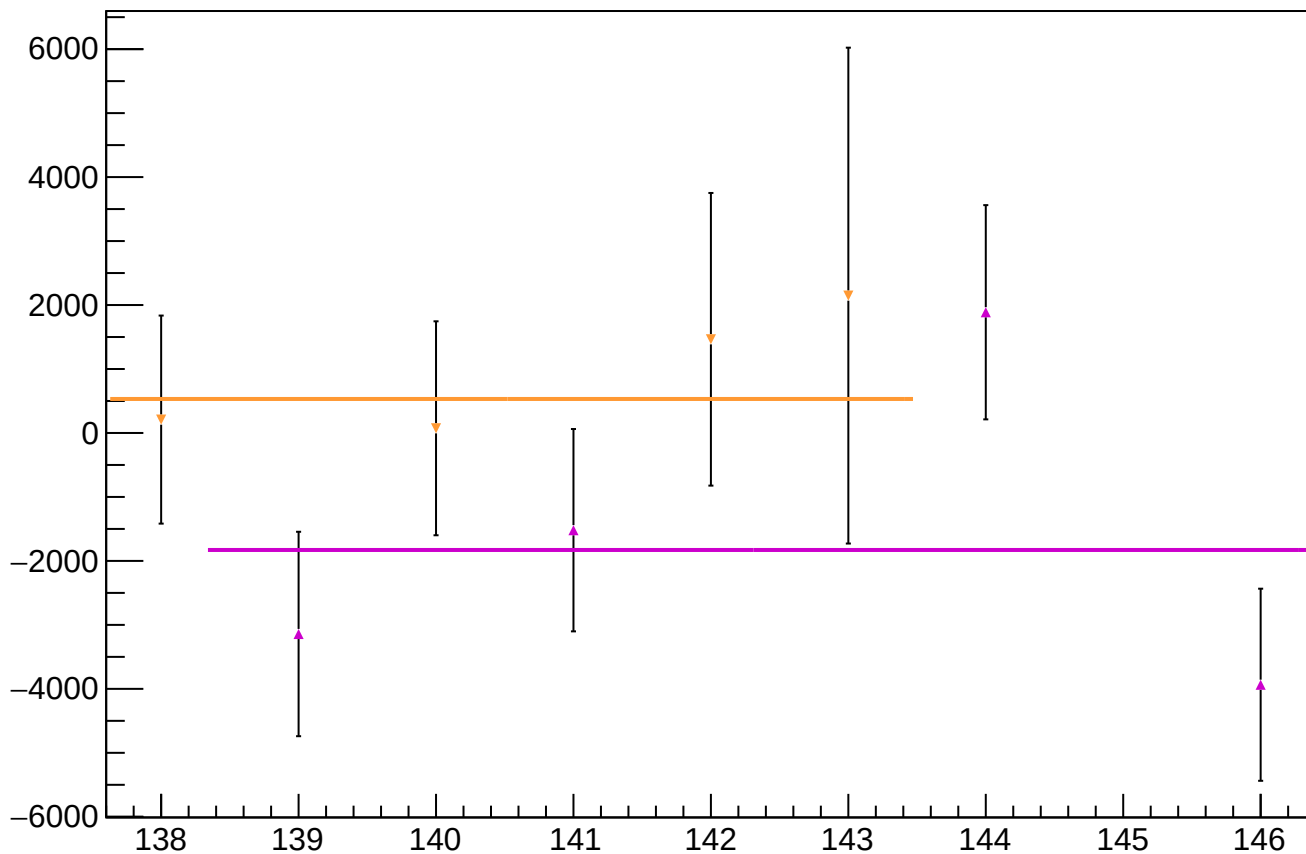
Left In: 384.901+/-0.155 χ^2/NDF : 208058.6/3

368.478+/-0.182 χ^2/NDF : 1107816.5/3

378.005+/-0.118 χ^2/NDF : 1320599.6/7

384.901+/-0.155 χ^2/NDF : 208058.6/3

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: 531.578 ± 1003.298 χ^2/NDF : 0.5/3

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

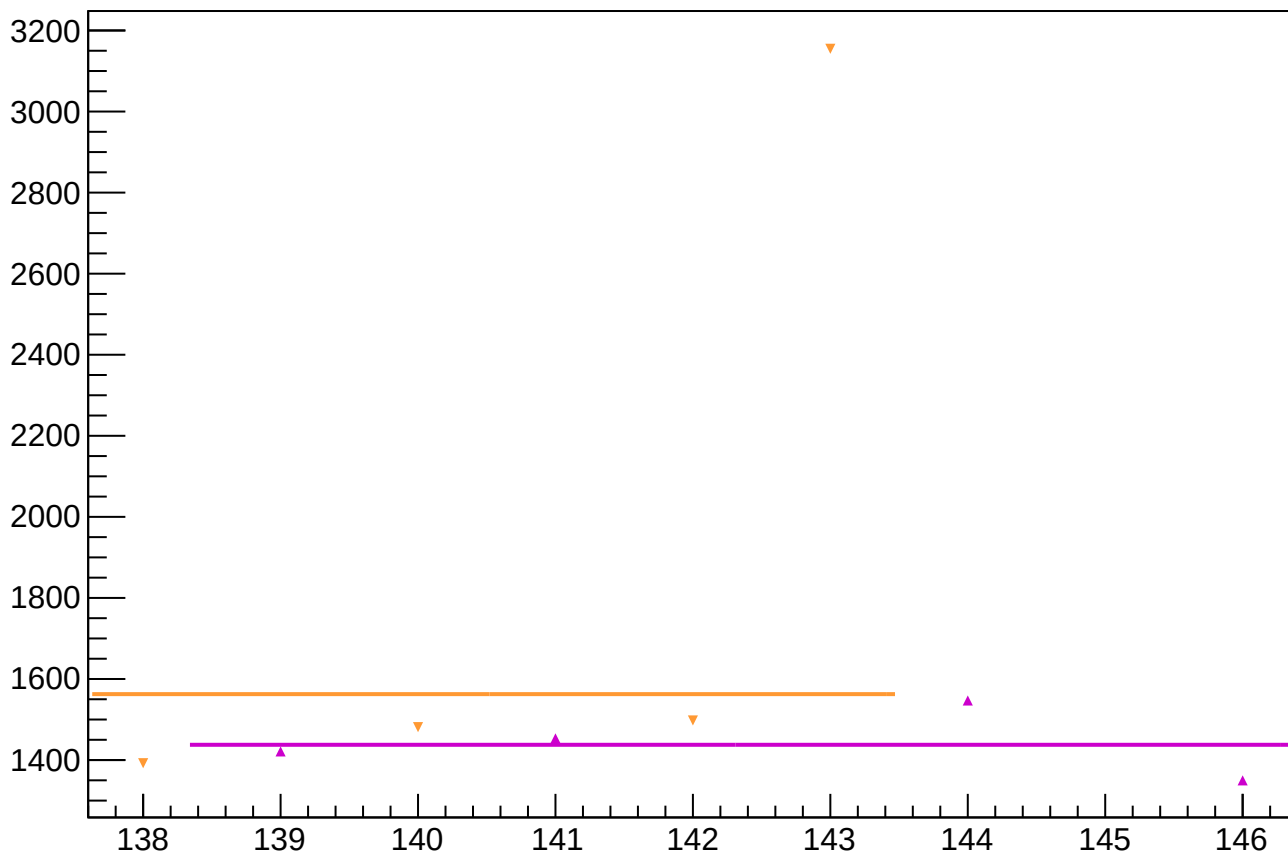
Left In: -1828.923 ± 792.632 χ^2/NDF : 7.6/3

531.578 ± 1003.298 χ^2/NDF : 0.5/3

-921.805 ± 621.956 χ^2/NDF : 11.5/7

-1828.923 ± 792.632 χ^2/NDF : 7.6/3

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 1562.654+/-0.709 $\chi^2/\text{NDF}: 365873.5/3$

Right Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

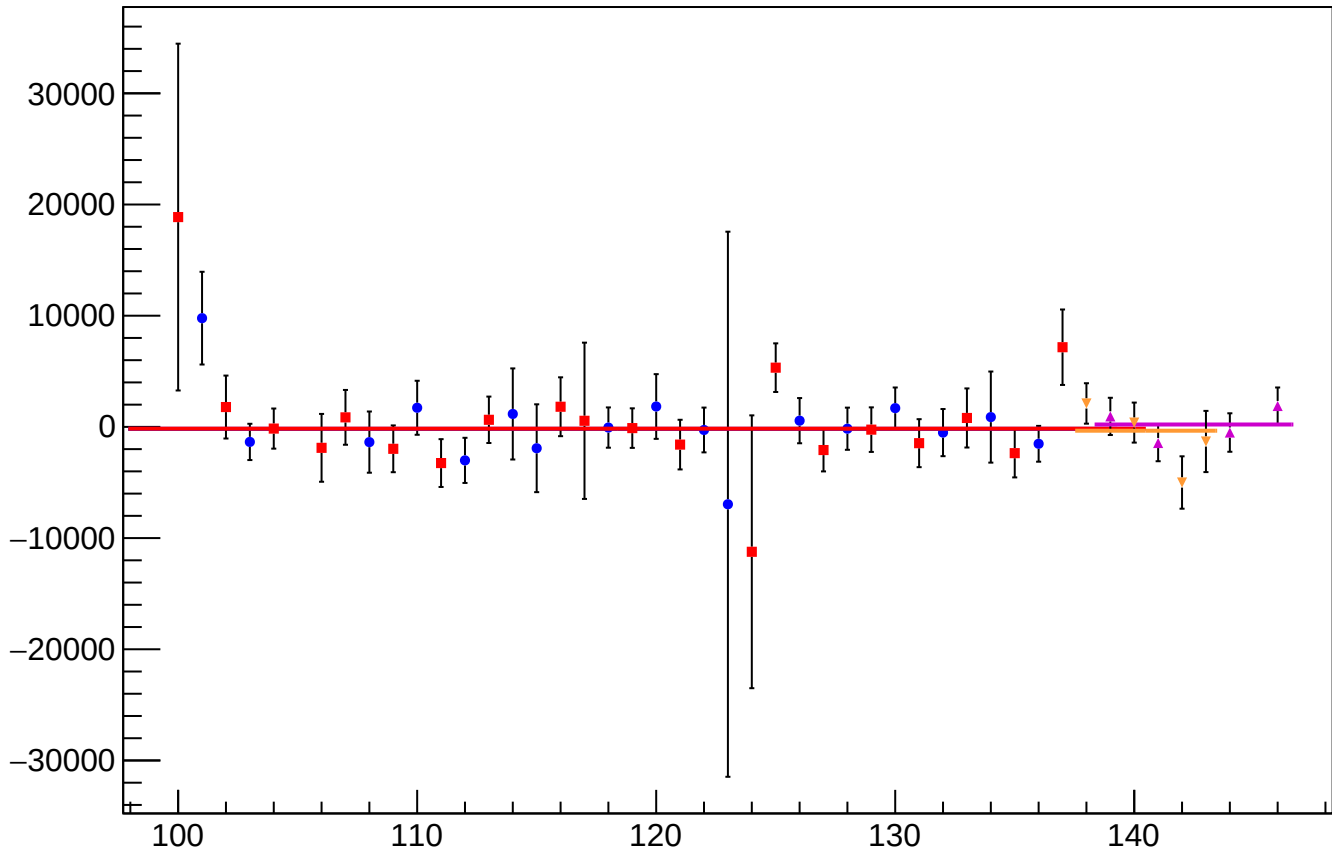
Left In: 1437.661+/-0.560 $\chi^2/\text{NDF}: 15766.7/3$

1562.654+/-0.709 $\chi^2/\text{NDF}: 365873.5/3$

1485.694+/-0.440 $\chi^2/\text{NDF}: 400752.6/7$

1437.661+/-0.560 $\chi^2/\text{NDF}: 15766.7/3$

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -174.841 ± 554.659 $\chi^2/\text{NDF}: 11.8/16$

Left Out: -343.346 ± 1040.542 $\chi^2/\text{NDF}: 6.0/3$

Right Out: -160.745 ± 538.513 $\chi^2/\text{NDF}: 20.7/19$

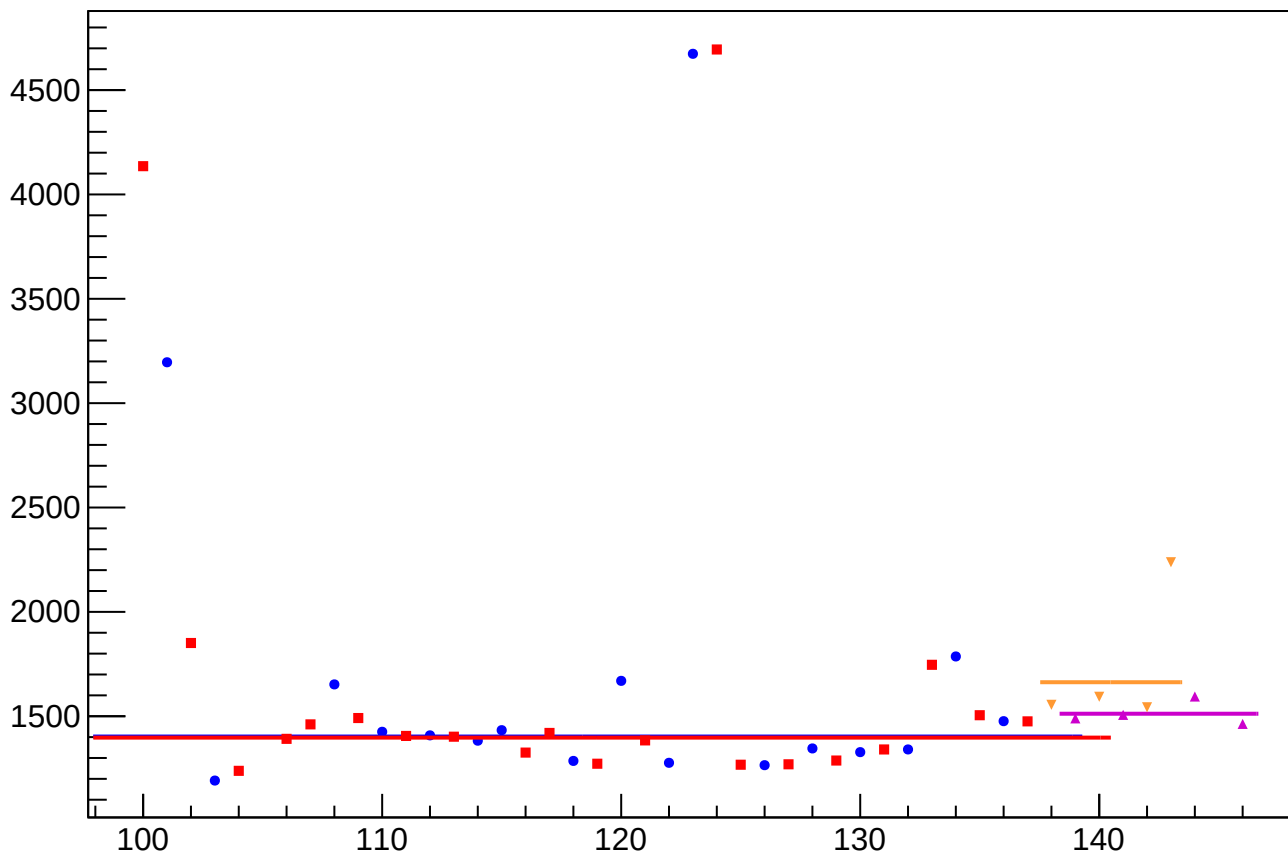
Left In: 215.434 ± 838.141 $\chi^2/\text{NDF}: 2.4/3$

-212.126 ± 489.463 $\chi^2/\text{NDF}: 17.8/20$

-125.256 ± 332.486 $\chi^2/\text{NDF}: 41.1/44$

-50.828 ± 453.057 $\chi^2/\text{NDF}: 23.2/23$

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: 1662.982+/-0.736 χ^2/NDF : 102528.2/3

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

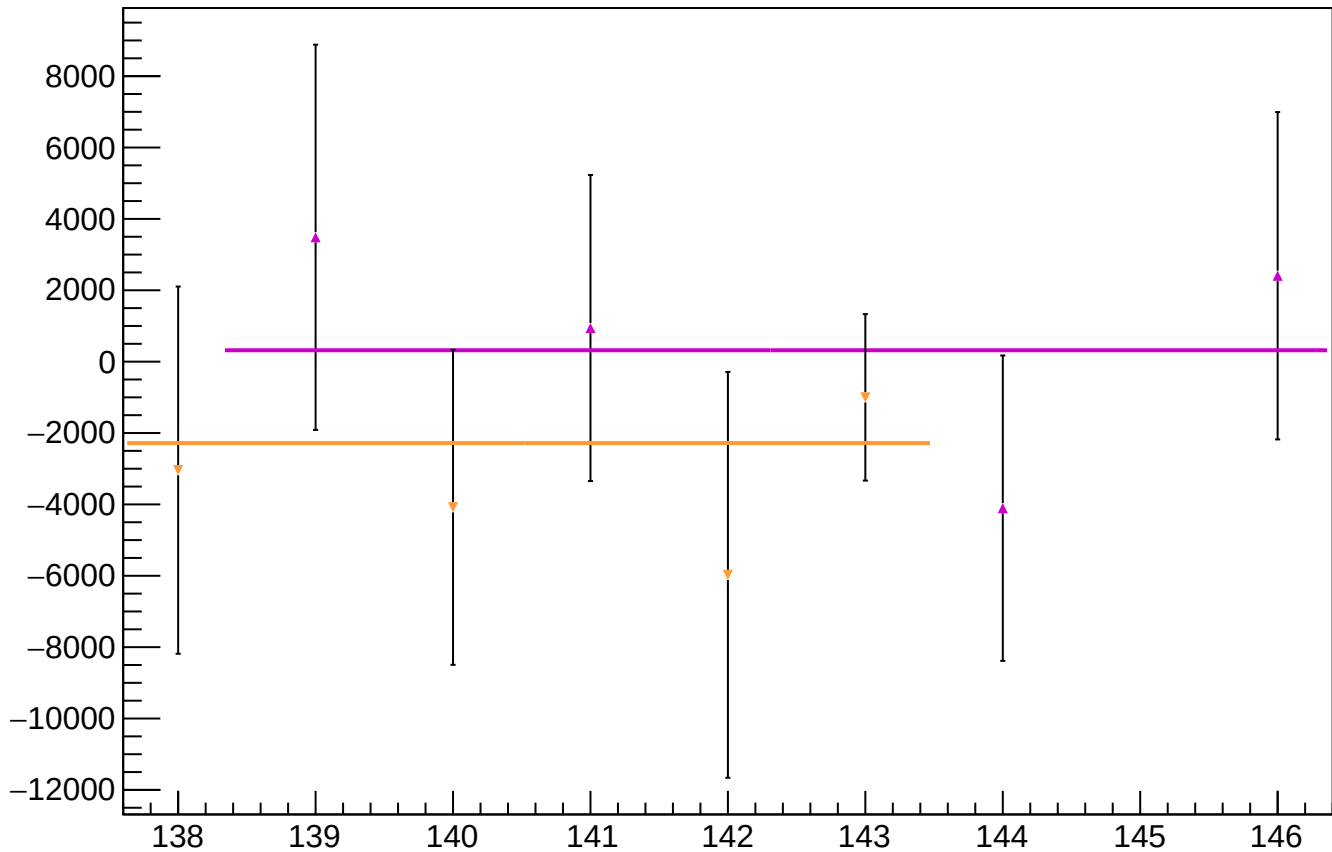
Left In: 1511.999+/-0.593 χ^2/NDF : 6628.1/3

1460.299+/-0.346 χ^2/NDF : 726299.4/20

1444.504+/-0.235 χ^2/NDF : 1116572.4/44

1430.982+/-0.320 χ^2/NDF : 386407.3/23

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -2280.599+/-1814.197 χ^2/NDF : 0.9/3

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

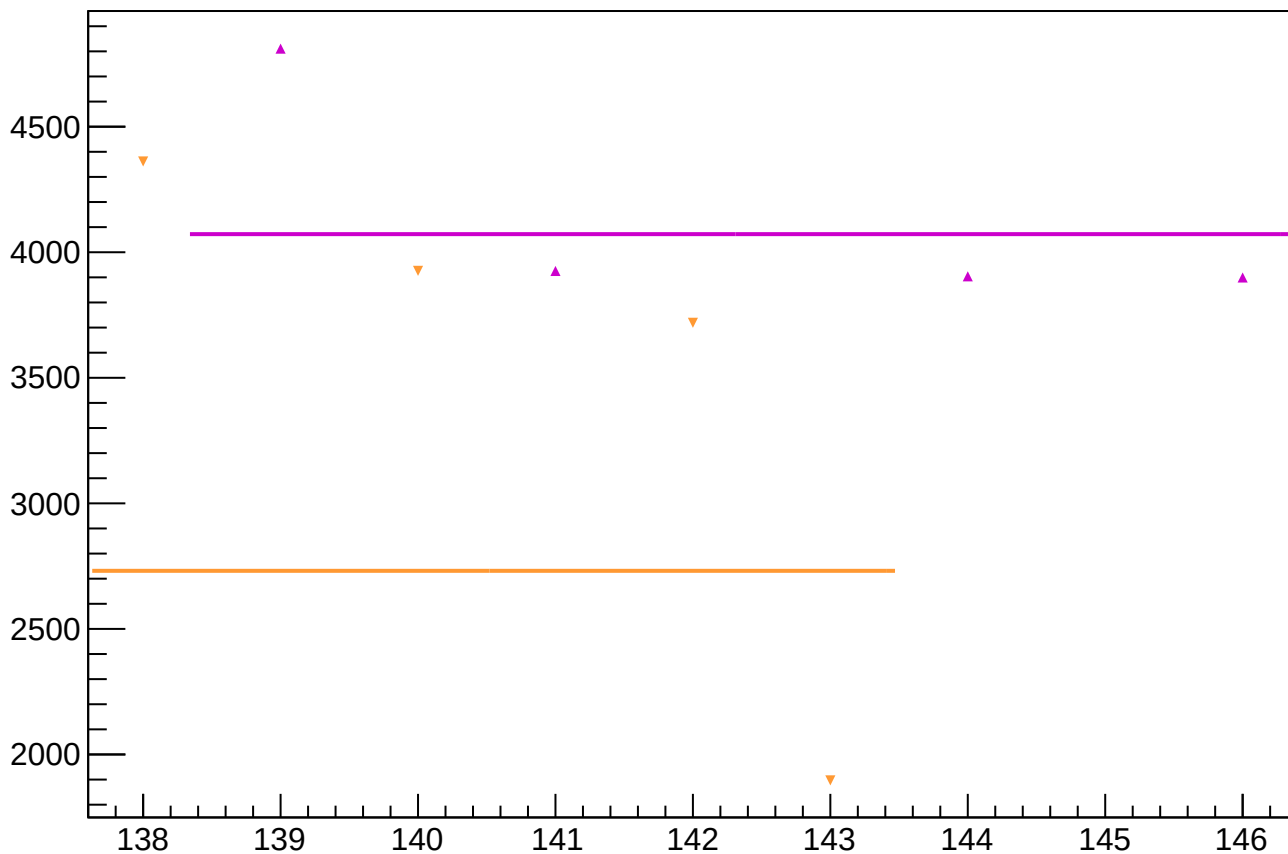
Left In: 319.523+/-2288.844 χ^2/NDF : 1.6/3

-2280.599+/-1814.197 χ^2/NDF : 0.9/3

-1277.352+/-1421.749 χ^2/NDF : 3.3/7

319.523+/-2288.844 χ^2/NDF : 1.6/3

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: 2731.330+/-1.283 χ^2/NDF : 663593.4/3

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

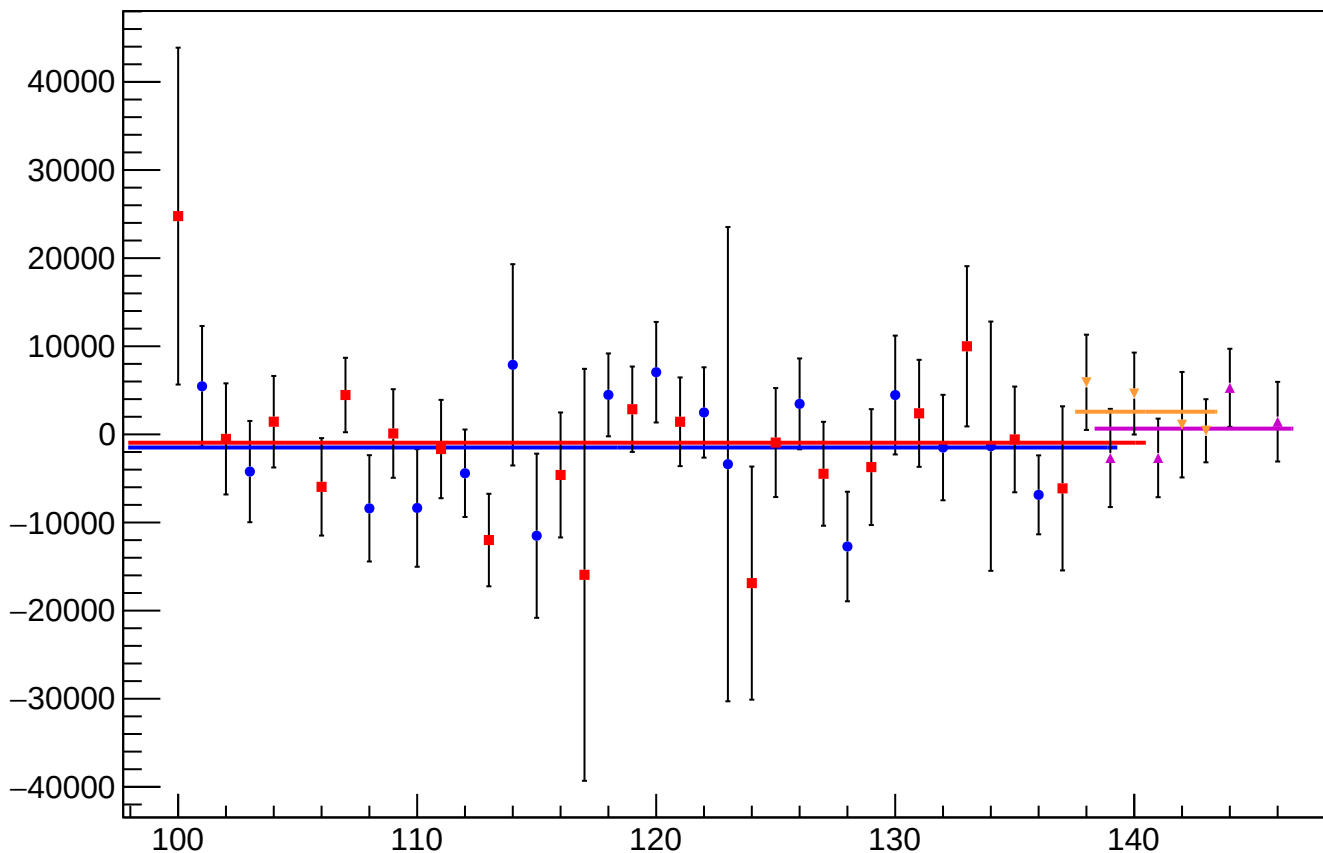
Left In: 4072.113+/-1.618 χ^2/NDF : 45721.9/3

2731.330+/-1.283 χ^2/NDF : 663593.4/3

3248.665+/-1.005 χ^2/NDF : 1130810.1/7

4072.113+/-1.618 χ^2/NDF : 45721.9/3

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1487.038+/-1499.116 χ^2/NDF : 16.7/16

Left Out: 2572.488+/-2316.733 χ^2/NDF : 1.0/3

Right Out: -946.322+/-1376.517 χ^2/NDF : 14.5/19

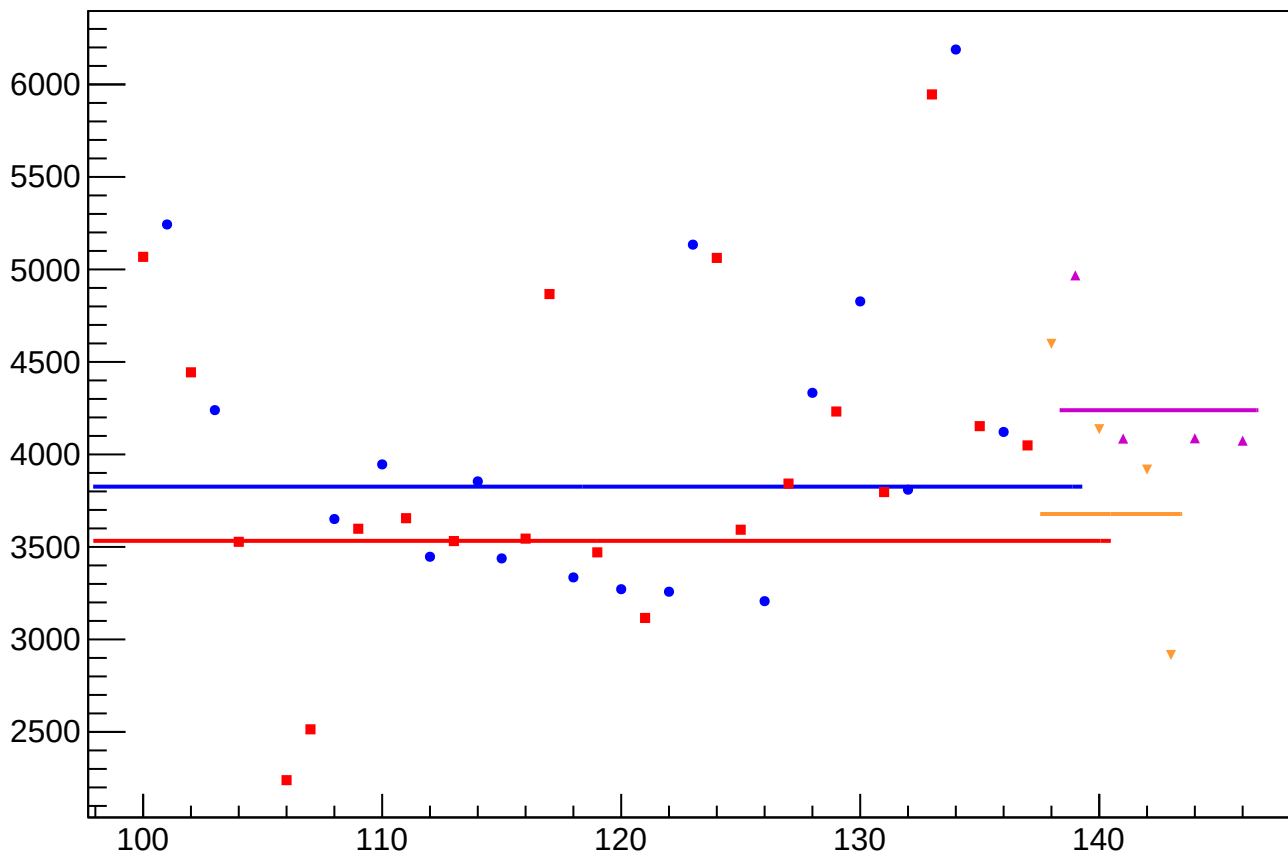
Left In: 651.079+/-2342.142 χ^2/NDF : 2.0/3

-288.923+/-1258.600 χ^2/NDF : 19.8/20

-419.831+/-863.437 χ^2/NDF : 36.8/44

-536.216+/-1186.736 χ^2/NDF : 16.9/23

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3825.844 ± 1.060 $\chi^2/\text{NDF}: 334404.3/16$

Left Out: 3678.095 ± 1.638 $\chi^2/\text{NDF}: 171063.1/3$

Right Out: 3532.847 ± 0.965 $\chi^2/\text{NDF}: 561950.7/19$

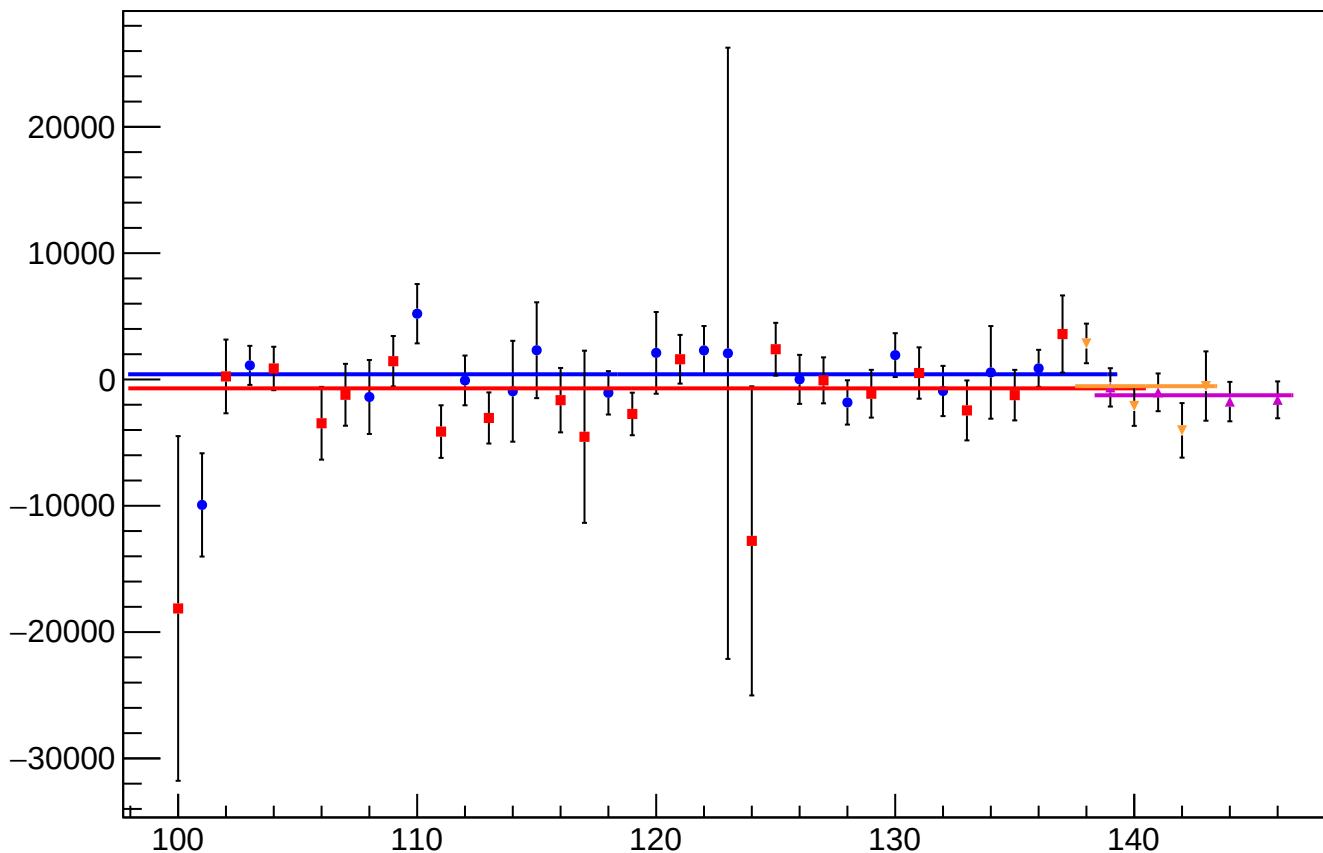
Left In: 4238.991 ± 1.656 $\chi^2/\text{NDF}: 41602.6/3$

3782.239 ± 0.890 $\chi^2/\text{NDF}: 511201.1/20$

3744.659 ± 0.608 $\chi^2/\text{NDF}: 1253854.9/44$

3711.696 ± 0.833 $\chi^2/\text{NDF}: 739306.5/23$

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 411.419+/-527.980 χ^2/NDF : 16.5/16

Left Out: -531.820+/-930.124 χ^2/NDF : 8.3/3

Right Out: -703.653+/-508.772 χ^2/NDF : 18.4/19

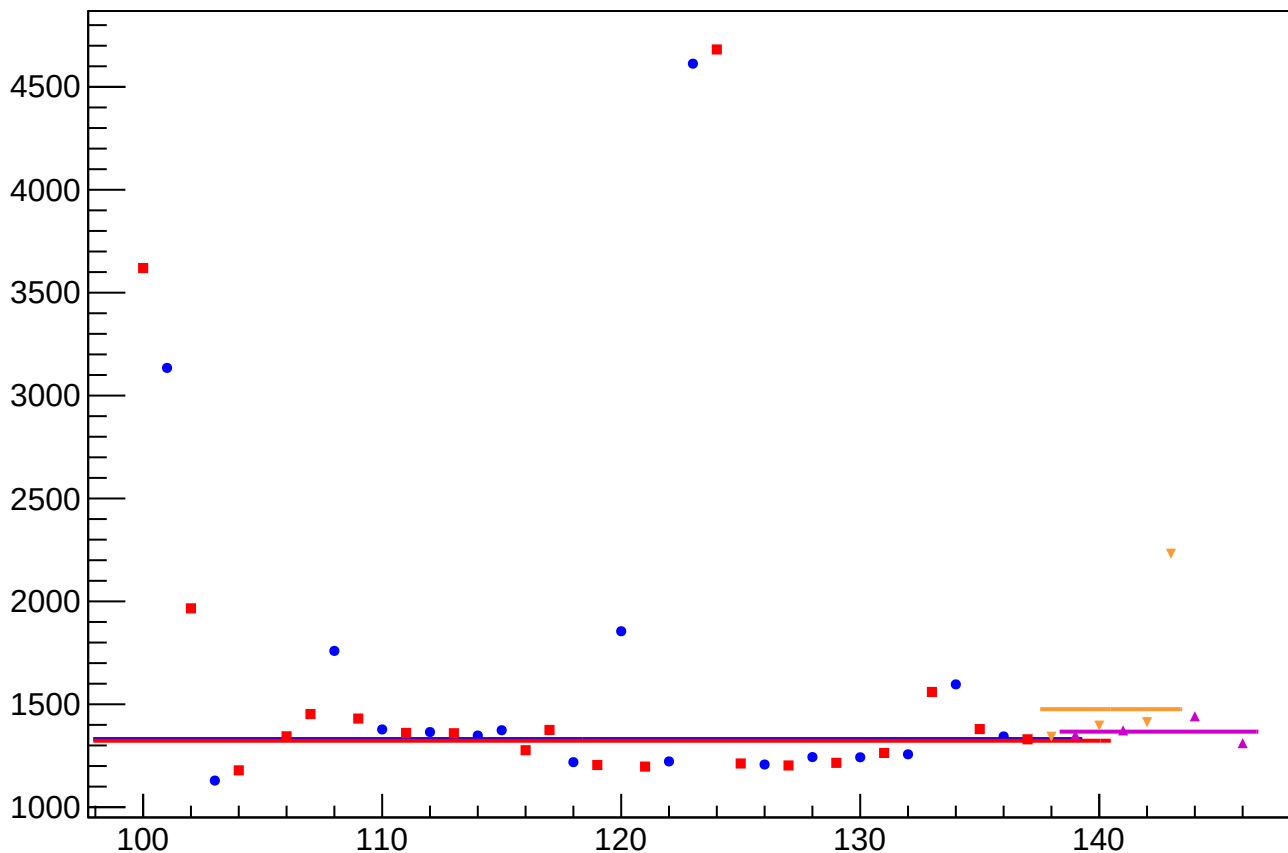
Left In: -1250.363+/-753.386 χ^2/NDF : 0.4/3

181.555+/-459.162 χ^2/NDF : 25.6/20

-391.597+/-310.561 χ^2/NDF : 47.5/44

-874.888+/-421.634 χ^2/NDF : 19.1/23

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: 1476.397 $\pm$ 0.658 χ^2 /NDF: 172899.8/3

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

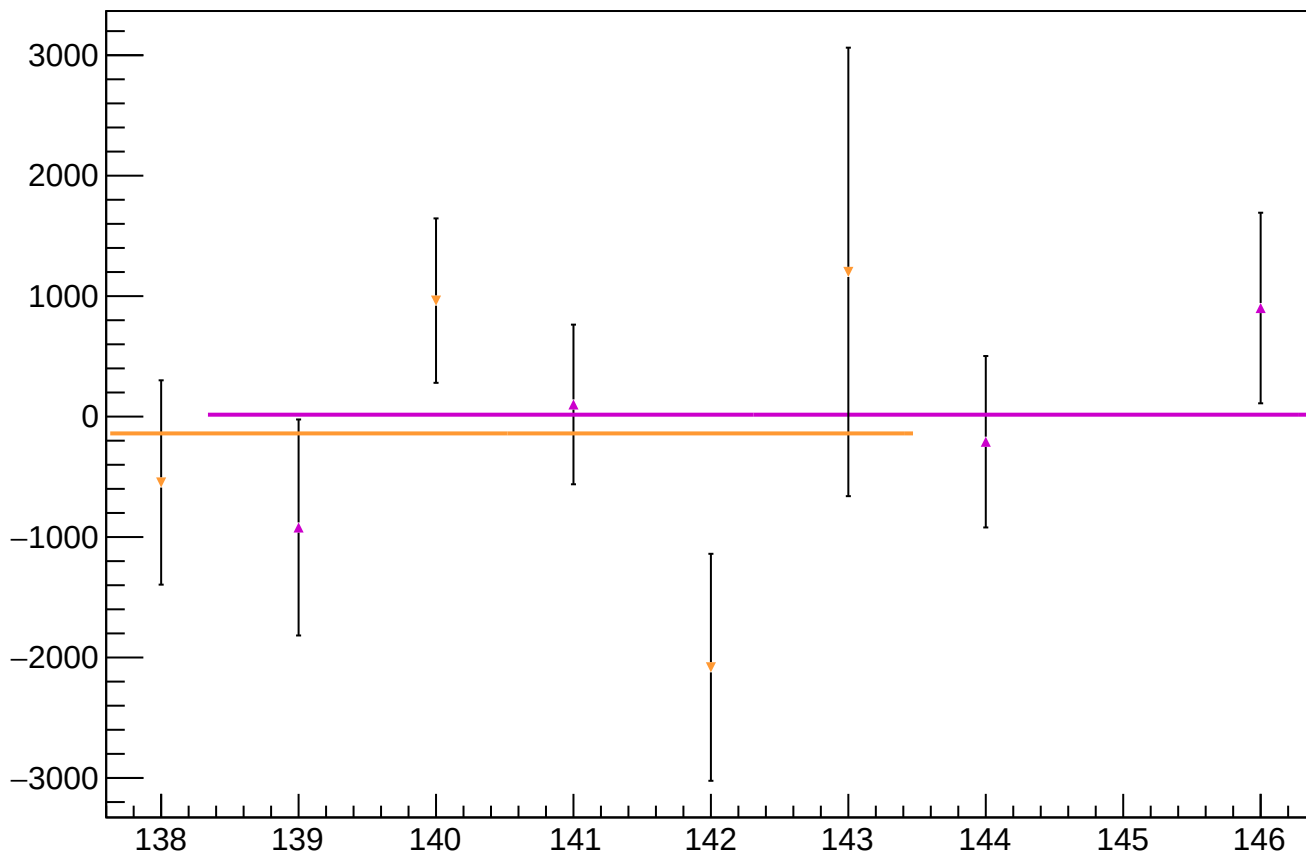
Left In: 1367.116 $\pm$ 0.533 χ^2 /NDF: 7774.2/3

1366.349 $\pm$ 0.325 χ^2 /NDF: 813392.8/20

1350.327 $\pm$ 0.220 χ^2 /NDF: 1224898.2/44

1336.817 $\pm$ 0.298 χ^2 /NDF: 407016.8/23

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: -139.664+/-449.386 χ^2/NDF : 7.6/3

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

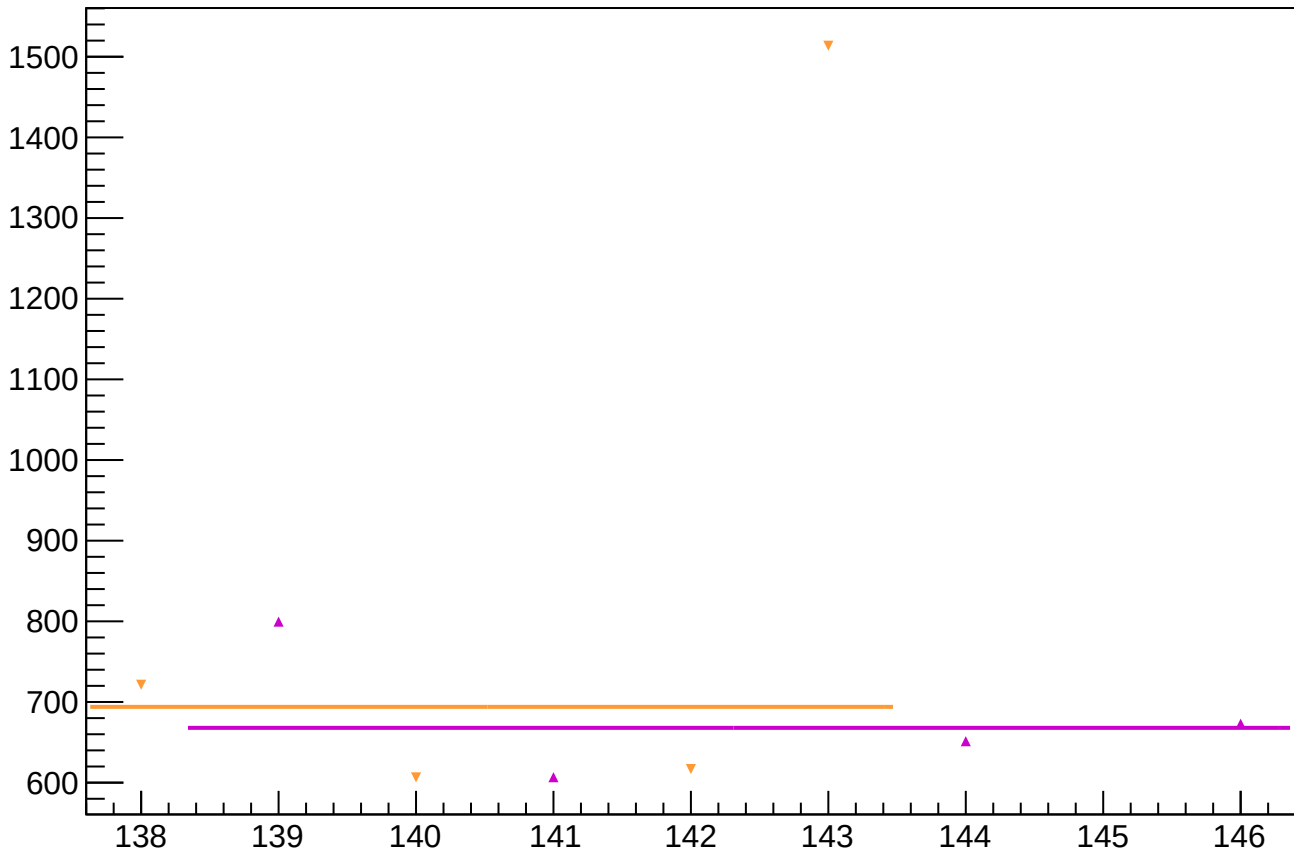
Left In: 15.796+/-375.461 χ^2/NDF : 2.5/3

-139.664+/-449.386 χ^2/NDF : 7.6/3

-48.113+/-288.130 χ^2/NDF : 10.1/7

15.796+/-375.461 χ^2/NDF : 2.5/3

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: 693.961+/-0.318 χ^2/NDF : 436099.6/3

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

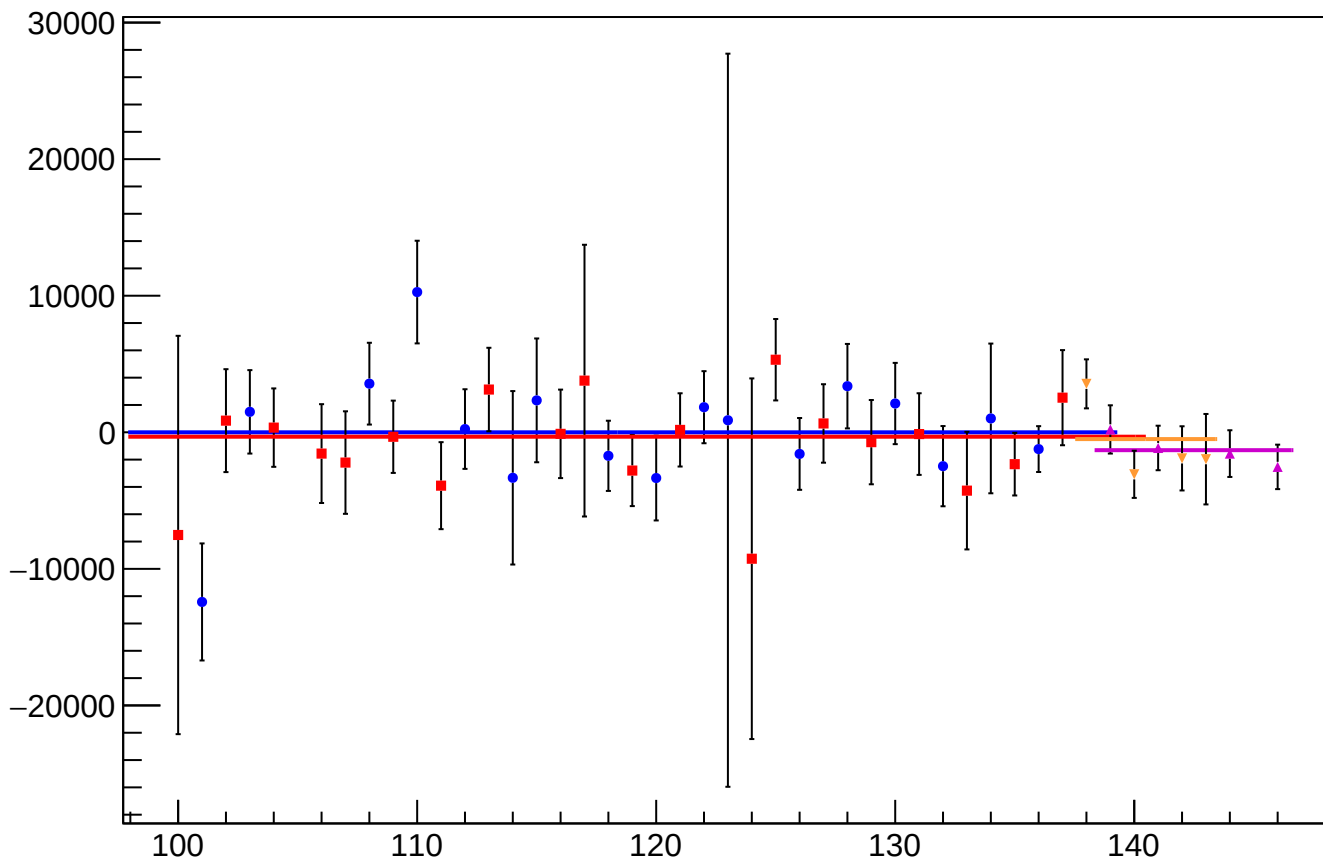
Left In: 667.938+/-0.265 χ^2/NDF : 61374.3/3

693.961+/-0.318 χ^2/NDF : 436099.6/3

678.636+/-0.204 χ^2/NDF : 501423.5/7

667.938+/-0.265 χ^2/NDF : 61374.3/3

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: -497.489 ± 1043.563 χ^2/NDF : 7.9/3

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

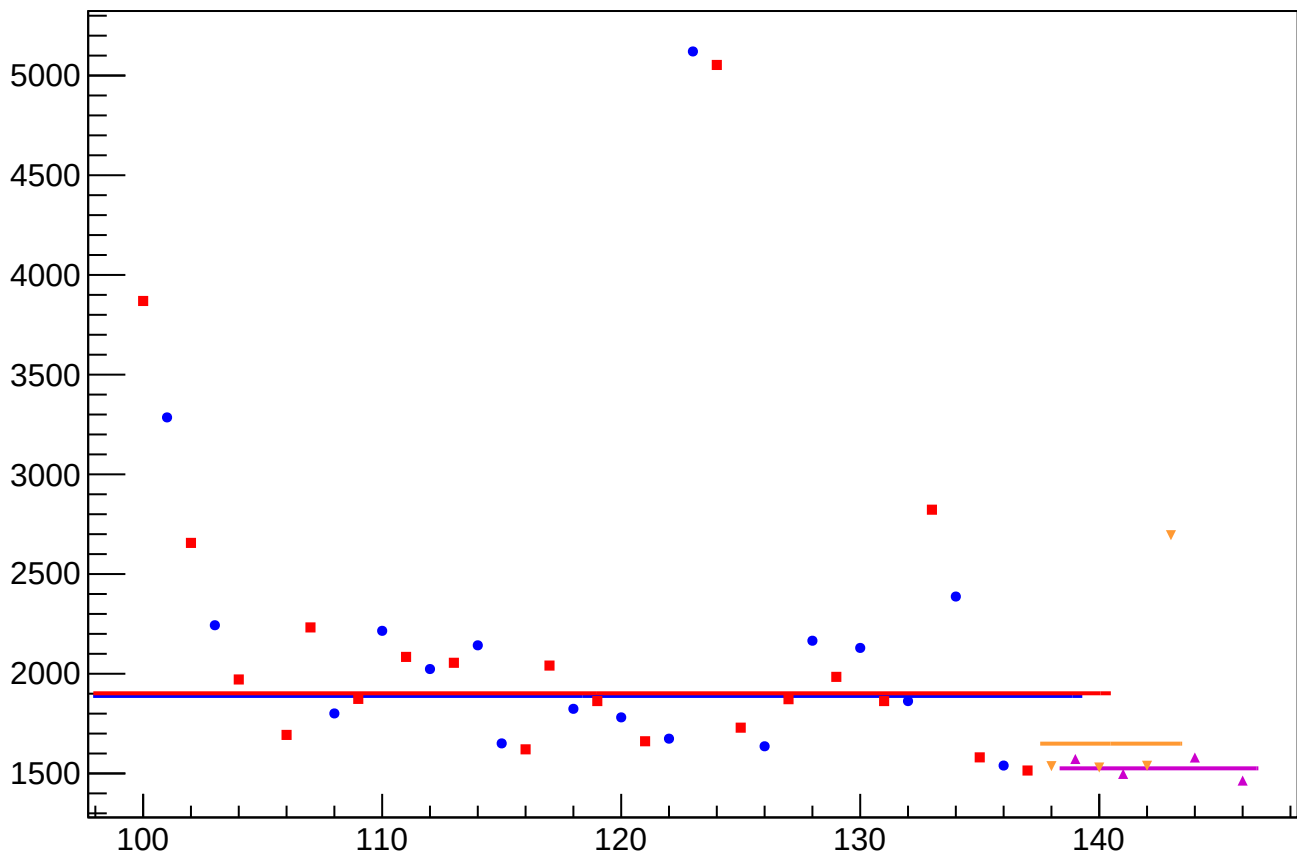
Left In: -1309.224 ± 840.274 χ^2/NDF : 1.3/3

-169.429 ± 606.375 χ^2/NDF : 31.5/20

-486.033 ± 408.125 χ^2/NDF : 45.0/44

-748.236 ± 551.826 χ^2/NDF : 13.0/23

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1888.810+/-0.527 χ^2/NDF : 465842.8/16

Left Out: 1649.490+/-0.738 χ^2/NDF : 221303.4/3

Right Out: 1902.004+/-0.517 χ^2/NDF : 461817.0/19

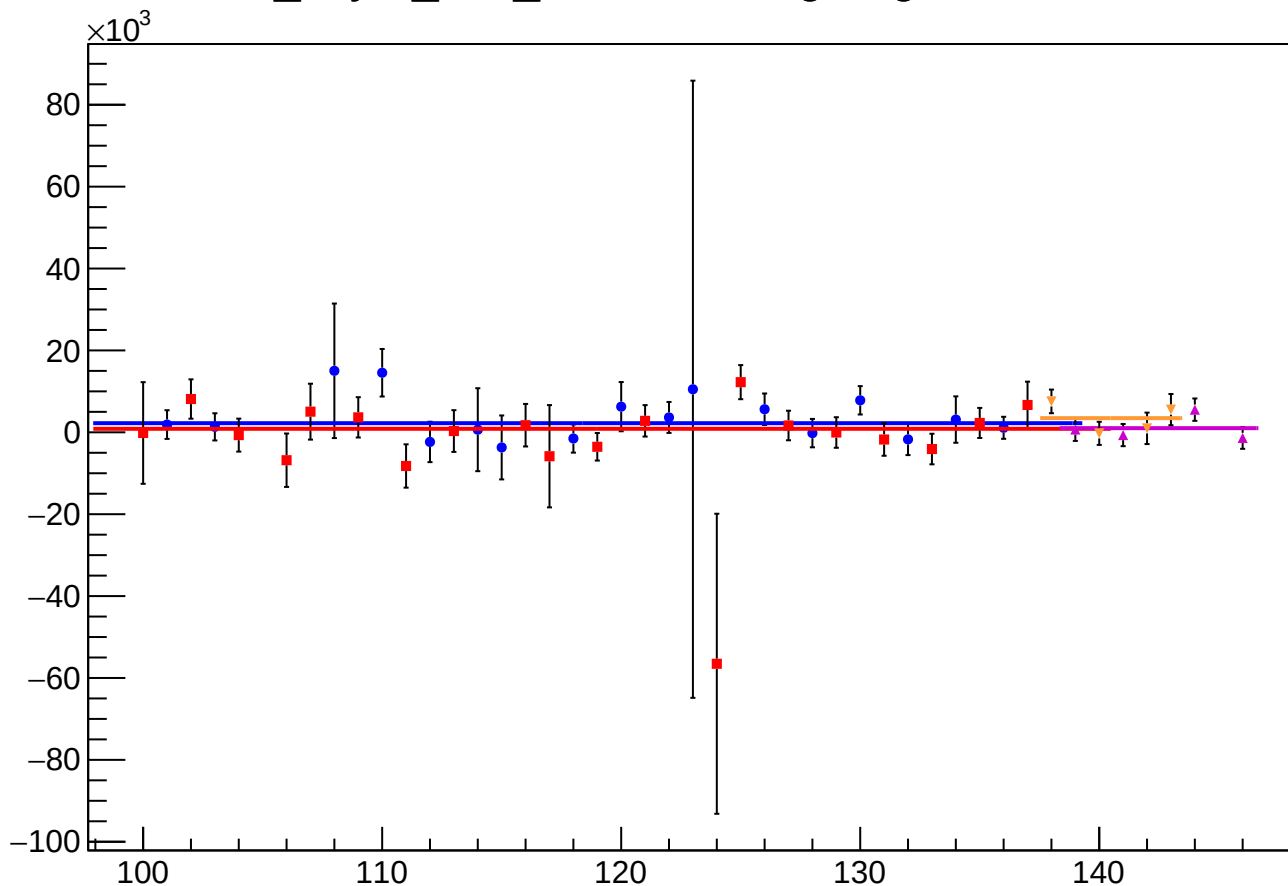
Left In: 1525.662+/-0.594 χ^2/NDF : 6863.4/3

1808.008+/-0.429 χ^2/NDF : 756817.5/20

1770.642+/-0.289 χ^2/NDF : 1467551.1/44

1739.697+/-0.390 χ^2/NDF : 696849.4/23

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2227.517+/-1039.288 χ^2/NDF : 13.6/16

Left Out: 3457.813+/-1617.082 χ^2/NDF : 4.5/3

Right Out: 860.748+/-1043.221 χ^2/NDF : 23.2/19

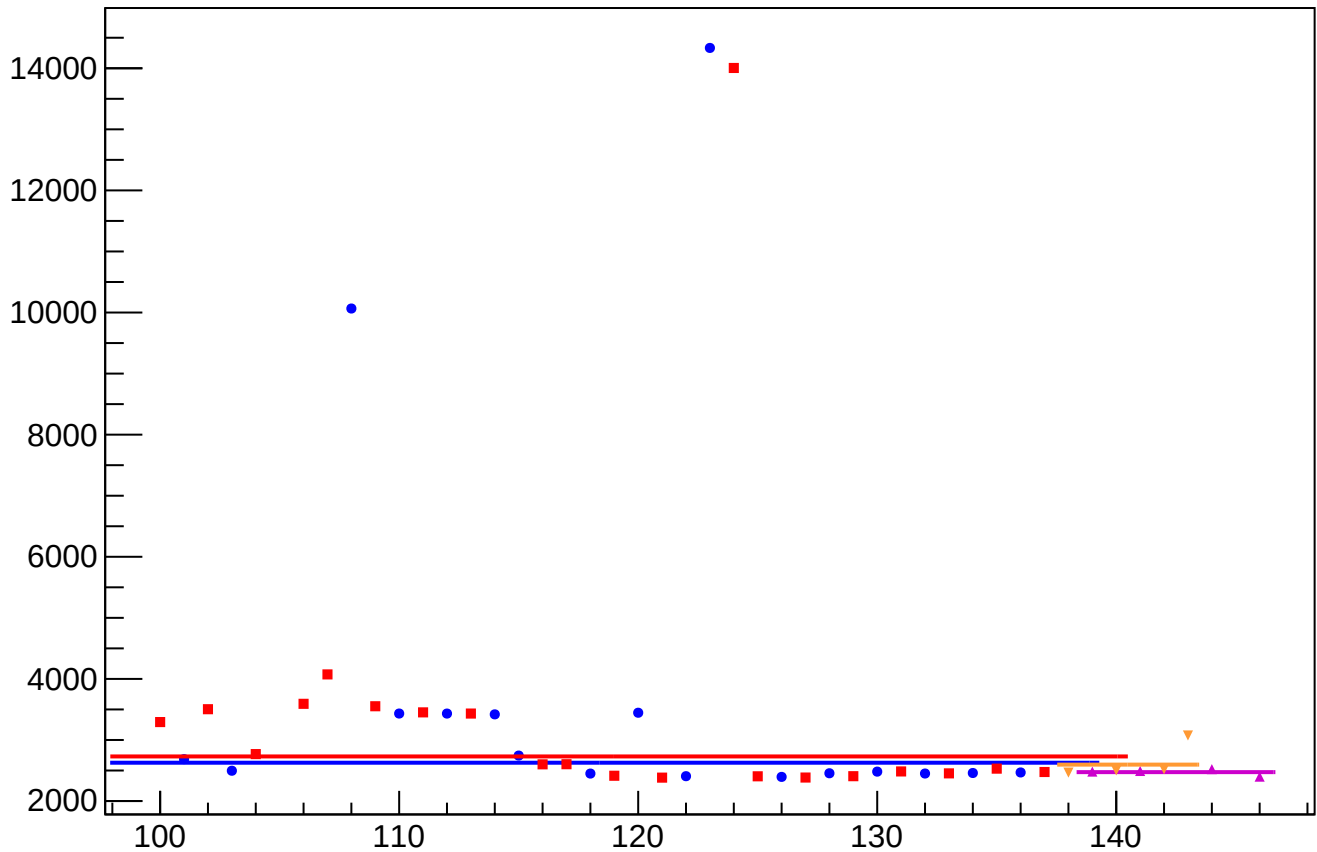
Left In: 1013.619+/-1362.191 χ^2/NDF : 3.9/3

2587.149+/-874.292 χ^2/NDF : 18.4/20

1707.067+/-601.274 χ^2/NDF : 47.5/44

917.262+/-828.237 χ^2/NDF : 27.1/23

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2627.570 $\pm$ 0.735 χ^2/NDF : 644396.7/16

Left Out: 2596.483 $\pm$ 1.143 χ^2/NDF :38505.5/3

Right Out: 2730.377 $\pm$ 0.738 χ^2/NDF : 598416.7/19

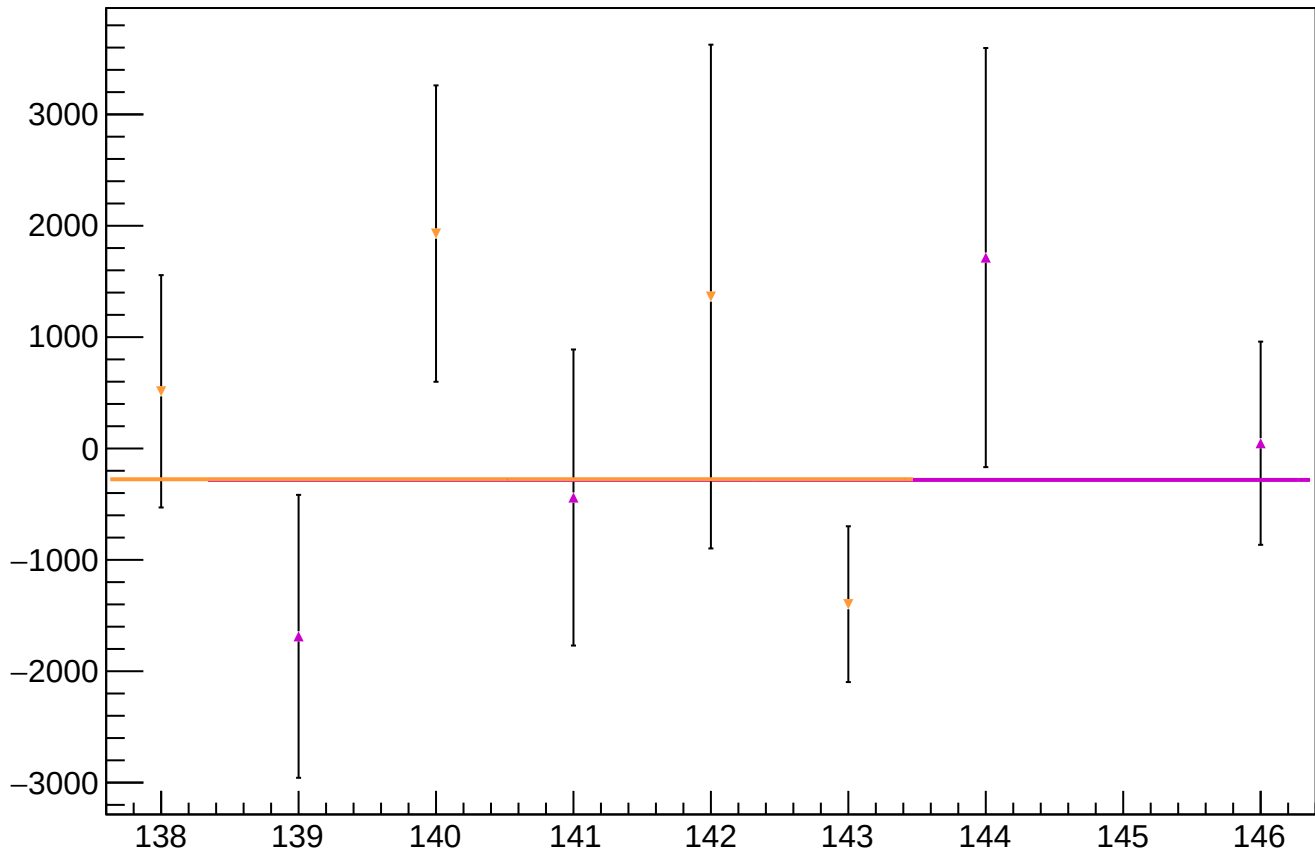
Left In: 2473.396 $\pm$ 0.963 χ^2/NDF :2304.5/3

2618.483 $\pm$ 0.618 χ^2/NDF : 683425.3/20

2627.385 $\pm$ 0.425 χ^2/NDF : 1329405.3/44

2635.375 $\pm$ 0.586 χ^2/NDF : 645586.5/23

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: -276.282+/-518.293 χ^2/NDF : 6.4/3

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

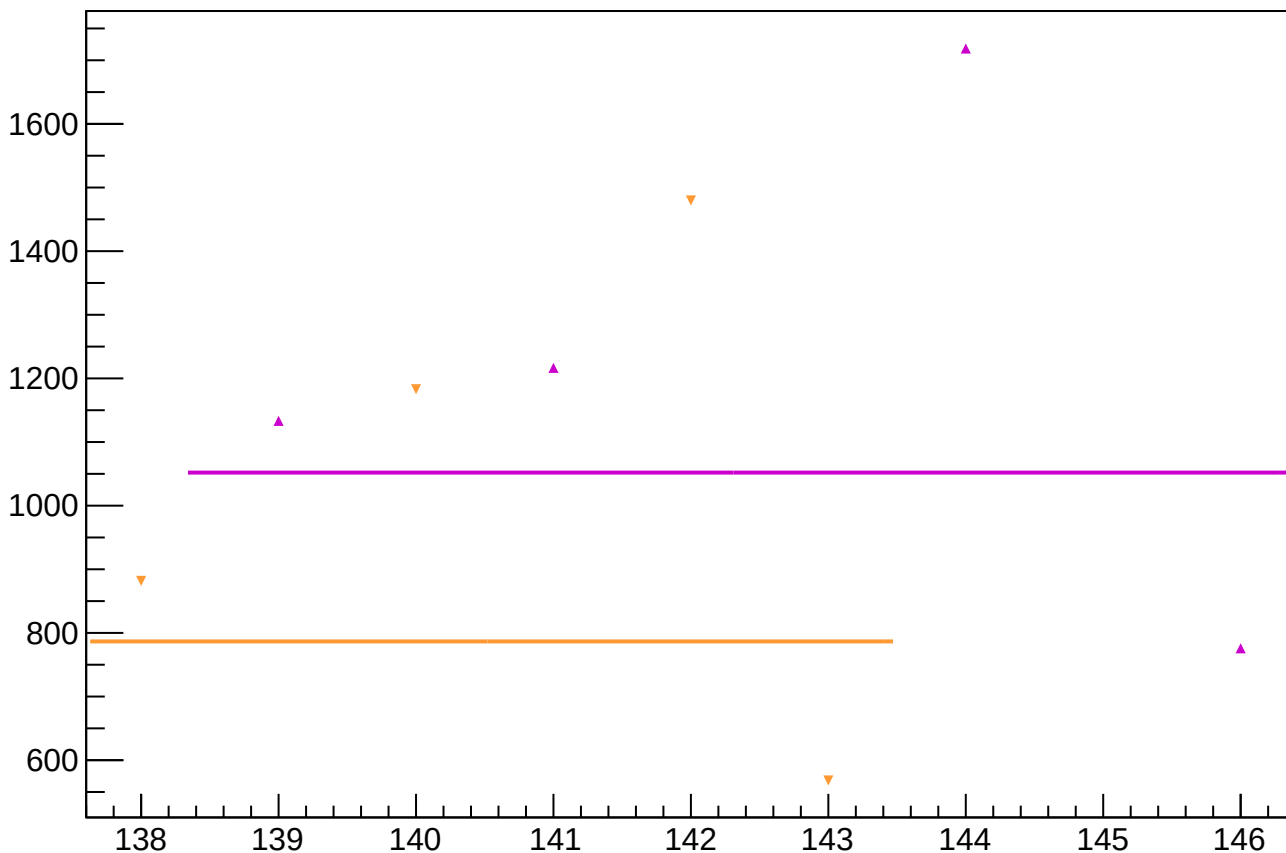
Left In: -282.156+/-612.051 χ^2/NDF : 2.5/3

-276.282+/-518.293 χ^2/NDF : 6.4/3

-278.735+/-395.529 χ^2/NDF : 8.9/7

-282.156+/-612.051 χ^2/NDF : 2.5/3

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 786.636+/-0.366 χ^2/NDF : 577051.2/3

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

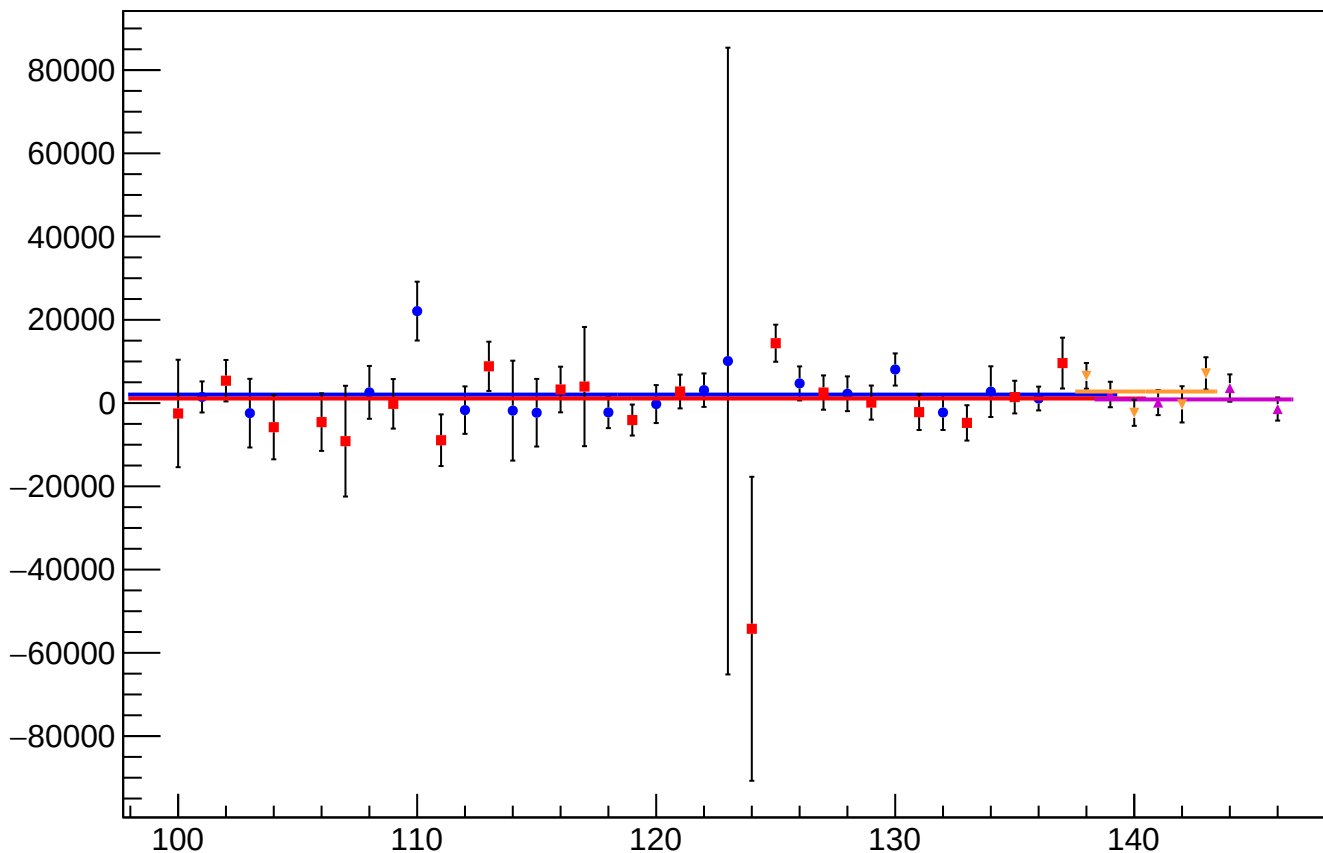
Left In: 1051.985+/-0.433 χ^2/NDF : 472998.3/3

786.636+/-0.366 χ^2/NDF : 577051.2/3

897.451+/-0.280 χ^2/NDF : 1268974.8/7

1051.985+/-0.433 χ^2/NDF : 472998.3/3

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 2778.194+/-1752.504 χ^2/NDF : 5.9/3

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

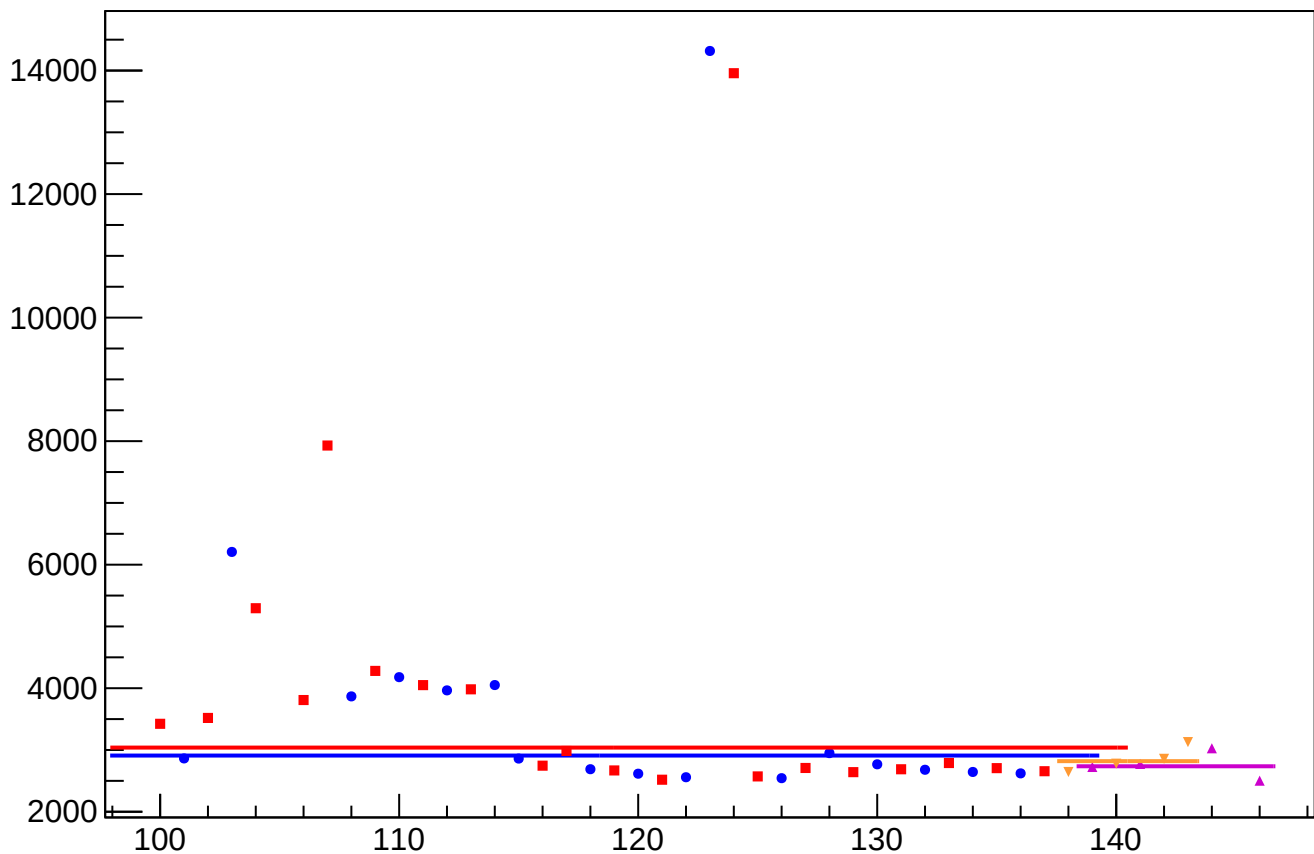
Left In: 878.778+/-1510.692 χ^2/NDF : 1.6/3

2261.041+/-962.304 χ^2/NDF : 20.9/20

1617.998+/-669.189 χ^2/NDF : 48.7/44

1015.835+/-931.214 χ^2/NDF : 27.0/23

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2909.732 $\pm$ 0.814 χ^2 /NDF: 641894.7/16

Left Out: 2819.036 $\pm$ 1.239 χ^2 /NDF: 19578.7/3

Right Out: 3038.742 $\pm$ 0.836 χ^2 /NDF: 1011336.0/19

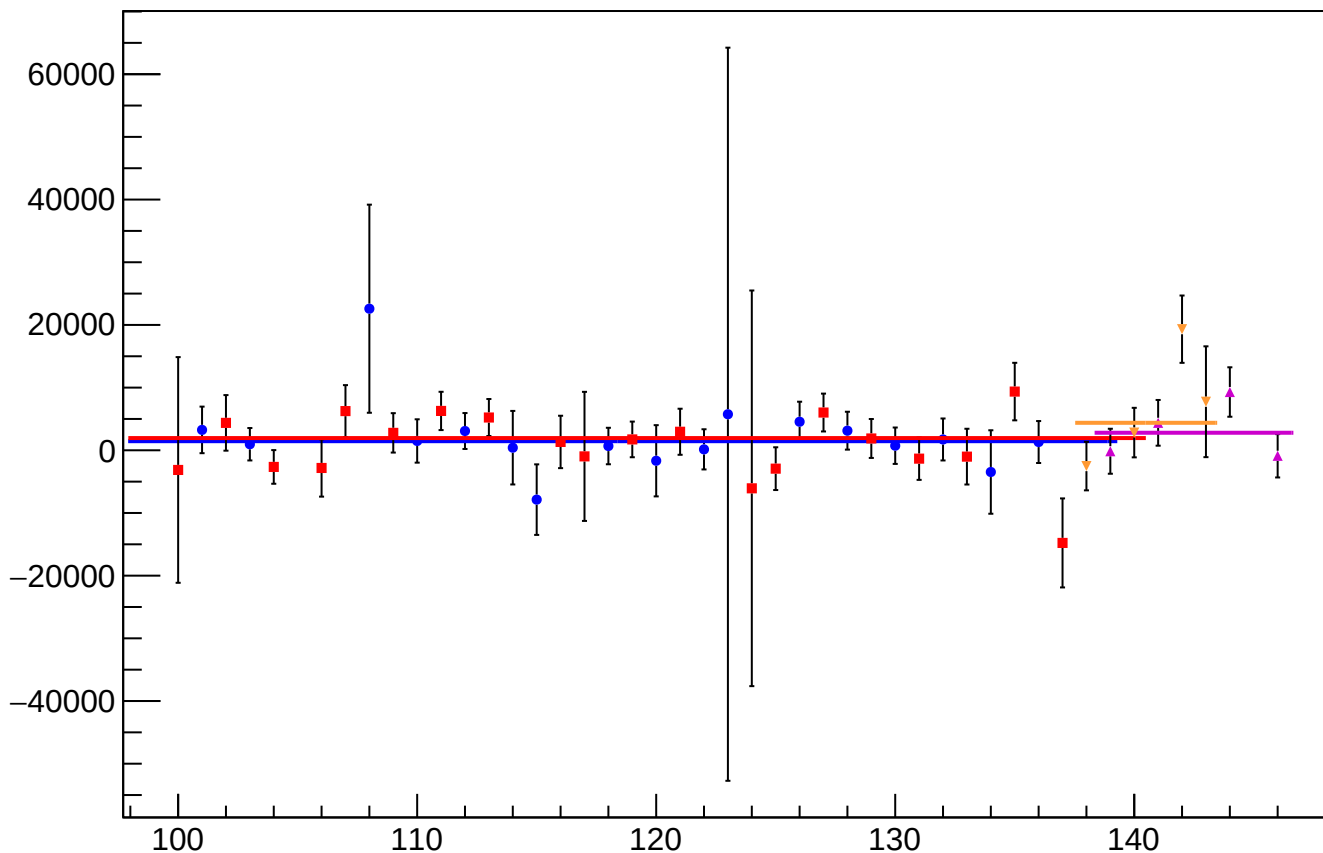
Left In: 2736.155 $\pm$ 1.068 χ^2 /NDF: 30175.5/3

2882.386 $\pm$ 0.680 χ^2 /NDF: 665215.0/20

2903.757 $\pm$ 0.473 χ^2 /NDF: 1758386.2/44

2923.768 $\pm$ 0.658 χ^2 /NDF: 1091261.2/23

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1451.980+/-889.008 χ^2/NDF : 7.4/16

Left Out: 4385.622+/-2368.417 χ^2/NDF : 11.2/3

Right Out: 1949.252+/-847.604 χ^2/NDF : 22.5/19

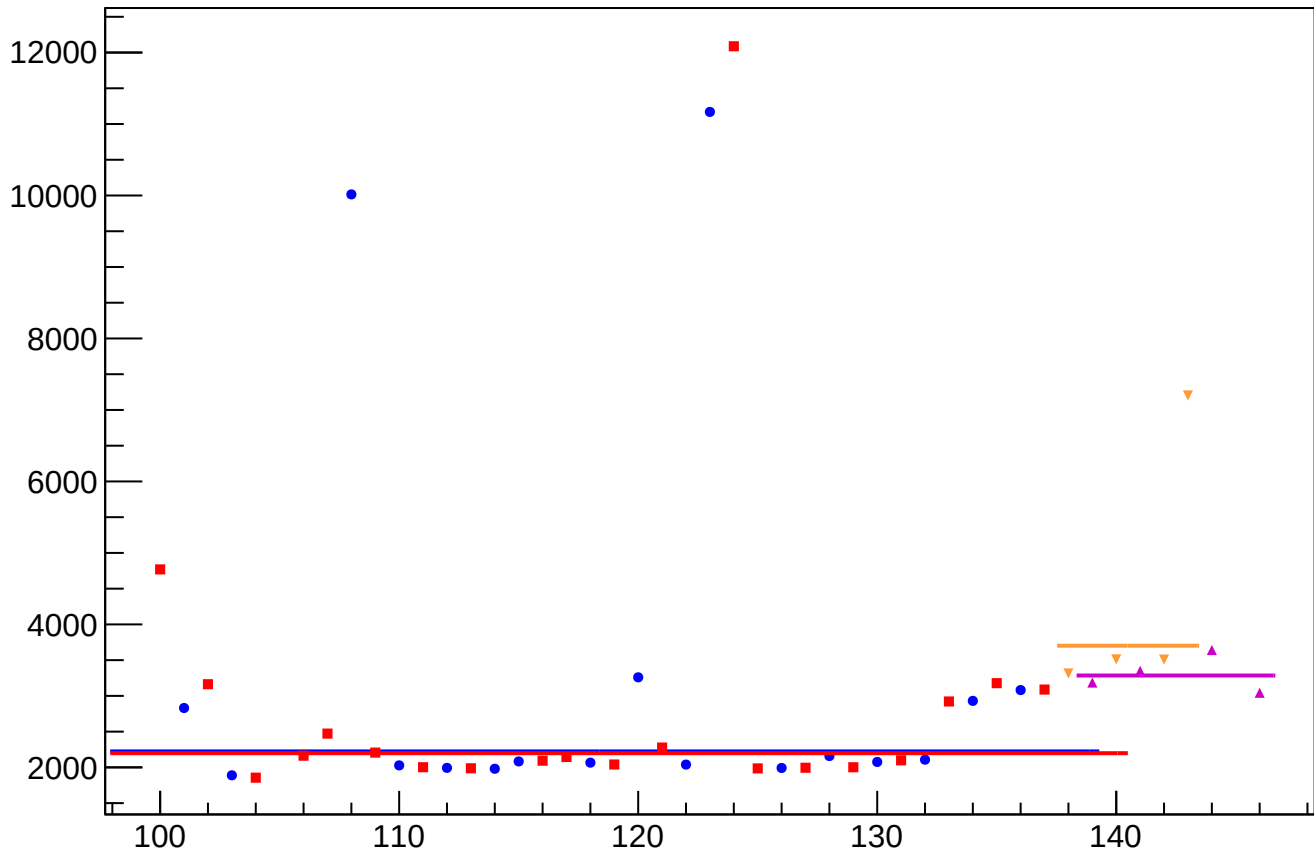
Left In: 2798.705+/-1823.407 χ^2/NDF : 4.7/3

1814.270+/-832.306 χ^2/NDF : 20.0/20

1968.586+/-564.670 χ^2/NDF : 47.4/44

2100.189+/-768.620 χ^2/NDF : 27.4/23

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132 $\pm$ 0.629 χ^2 /NDF: 850289.4/16

Left Out: 3702.039 $\pm$ 1.675 χ^2 /NDF: 340956.4/3

Right Out: 2198.396 $\pm$ 0.599 χ^2 /NDF: 602472.3/19

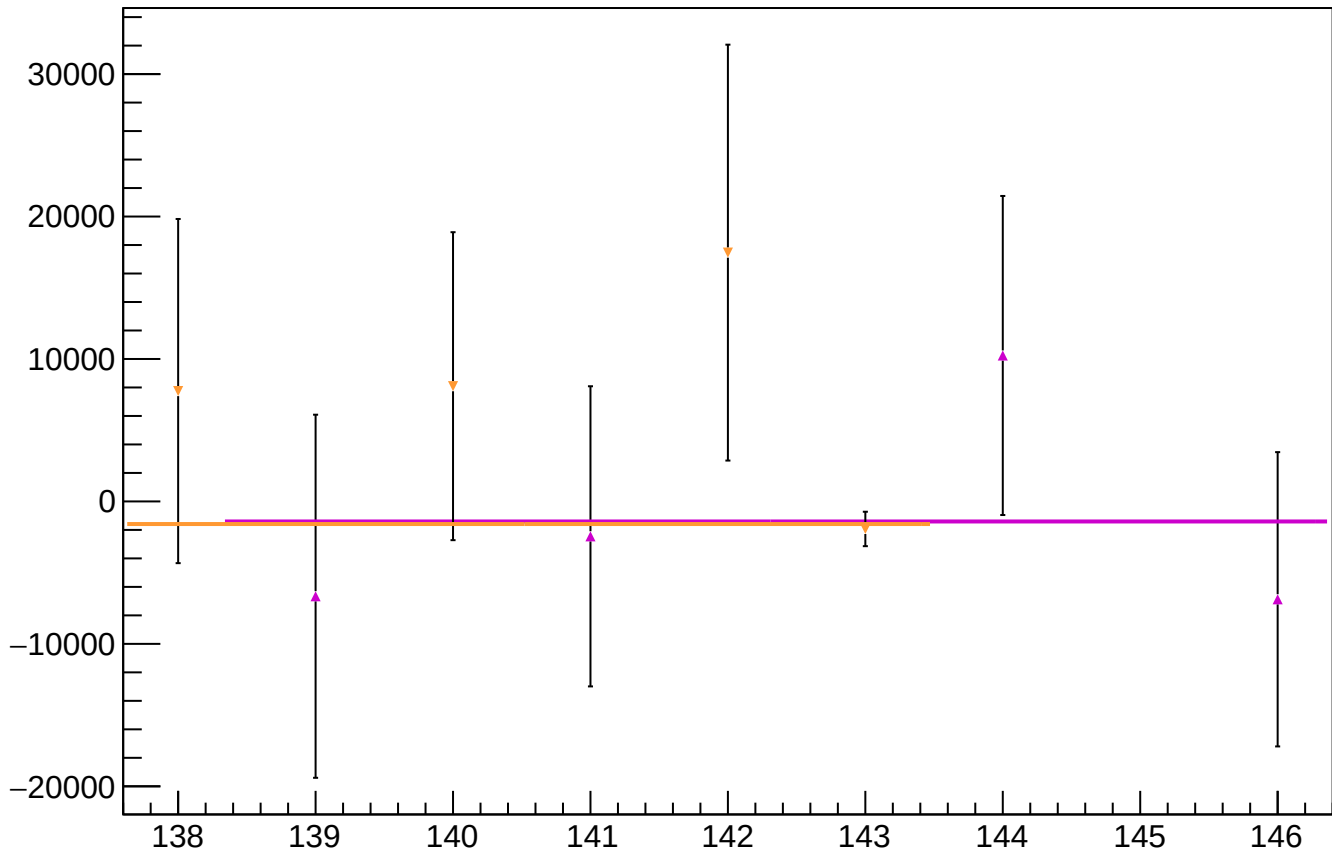
Left In: 3284.980 $\pm$ 1.289 χ^2 /NDF: 28274.3/3

2405.769 $\pm$ 0.589 χ^2 /NDF: 1874764.2/20

2397.923 $\pm$ 0.399 χ^2 /NDF: 3090008.5/44

2391.239 $\pm$ 0.543 χ^2 /NDF: 1214915.1/23

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1587.278+/-1191.304 χ^2/NDF : 3.2/3

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

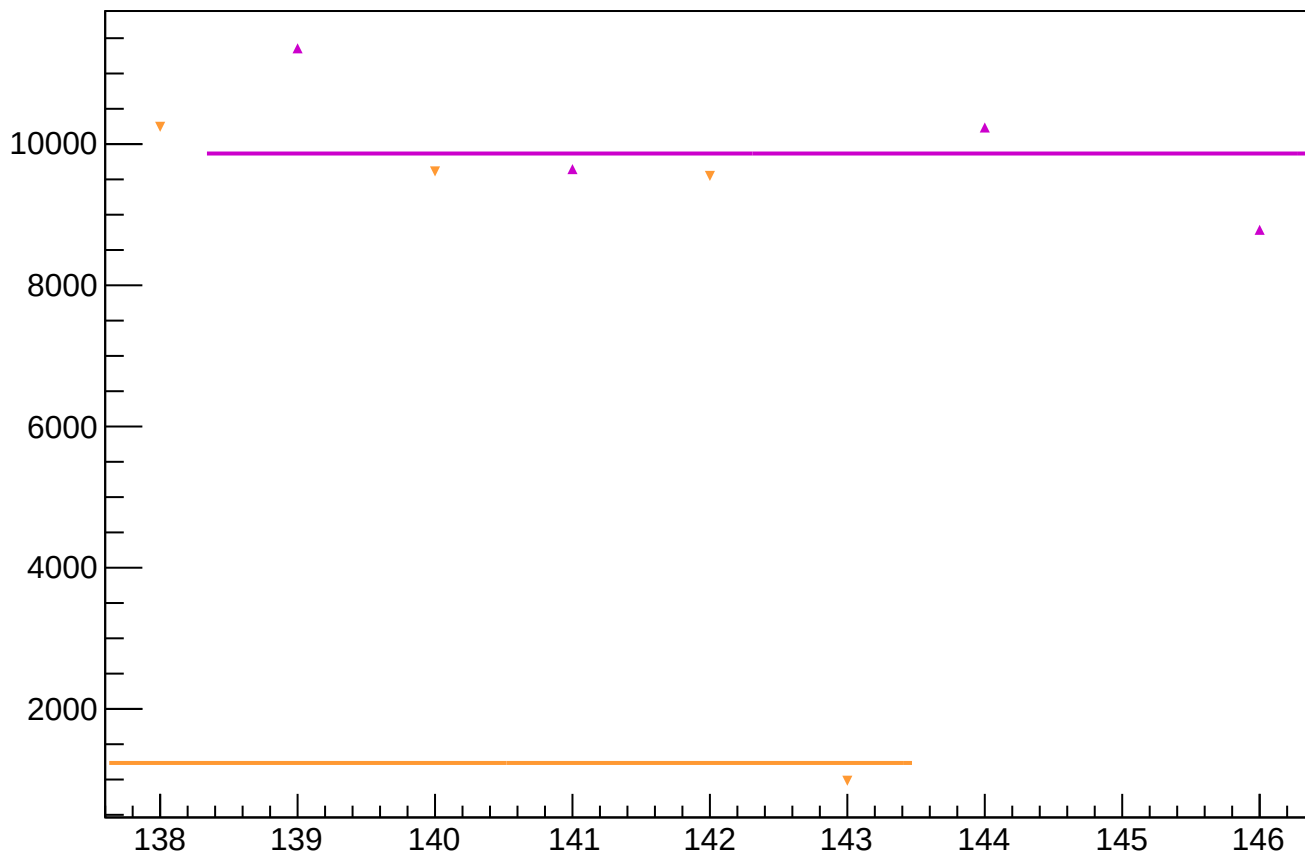
Left In: -1407.195+/-5546.230 χ^2/NDF : 1.5/3

-1587.278+/-1191.304 χ^2/NDF : 3.2/3

-1579.336+/-1164.738 χ^2/NDF : 4.7/7

-1407.195+/-5546.230 χ^2/NDF : 1.5/3

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 1234.750+/-0.842 χ^2 /NDF: 3049562.5/3

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

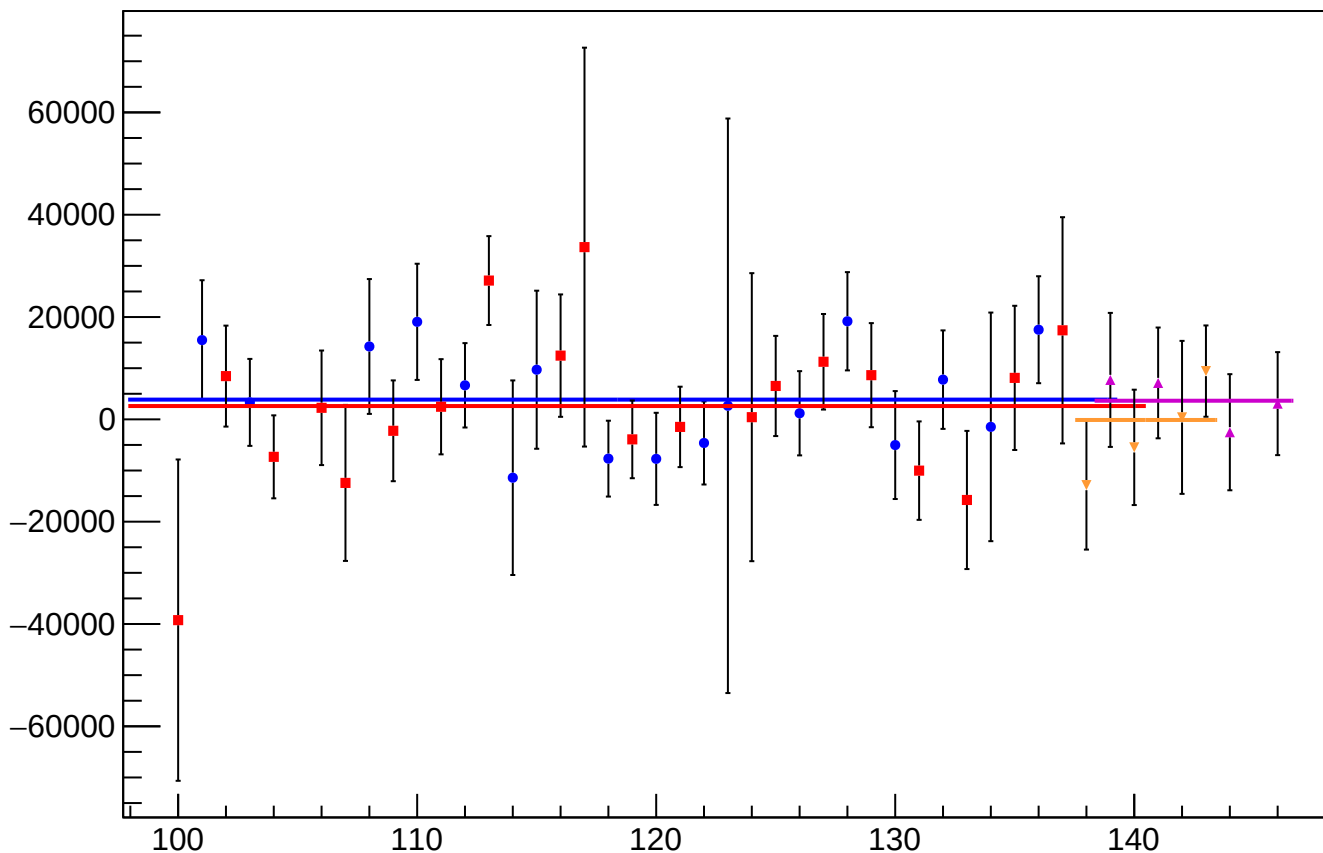
Left In: 9866.644+/-3.922 χ^2 /NDF: 52266.1/3

1234.750+/-0.842 χ^2 /NDF: 3049562.5/3

1615.436+/-0.824 χ^2 /NDF: 7732648.3/7

9866.644+/-3.922 χ^2 /NDF: 52266.1/3

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: -120.381 $\pm$ 5661.374 χ^2 /NDF: 2.4/3

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

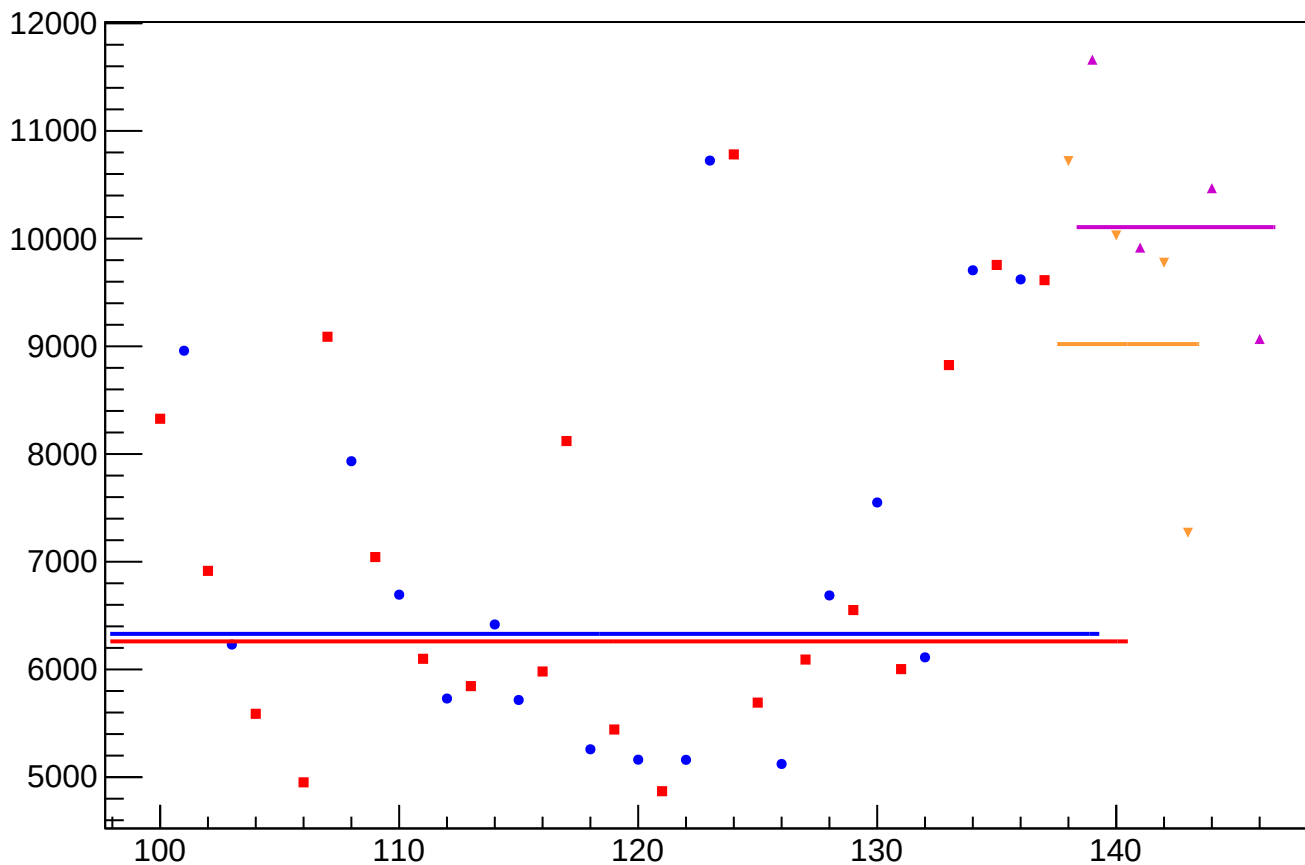
Left In: 3642.005 $\pm$ 5590.813 χ^2 /NDF: 0.5/3

3206.546 $\pm$ 2293.663 χ^2 /NDF: 17.6/20

2979.104 $\pm$ 1594.547 χ^2 /NDF: 38.8/44

2766.366 $\pm$ 2218.286 χ^2 /NDF: 21.2/23

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6330.291+/-1.774 χ^2/NDF : 593395.6/16

Left Out: 9020.934+/-4.003 χ^2/NDF :134547.2/3

Right Out: 6260.505+/-1.709 χ^2/NDF : 539926.4/19

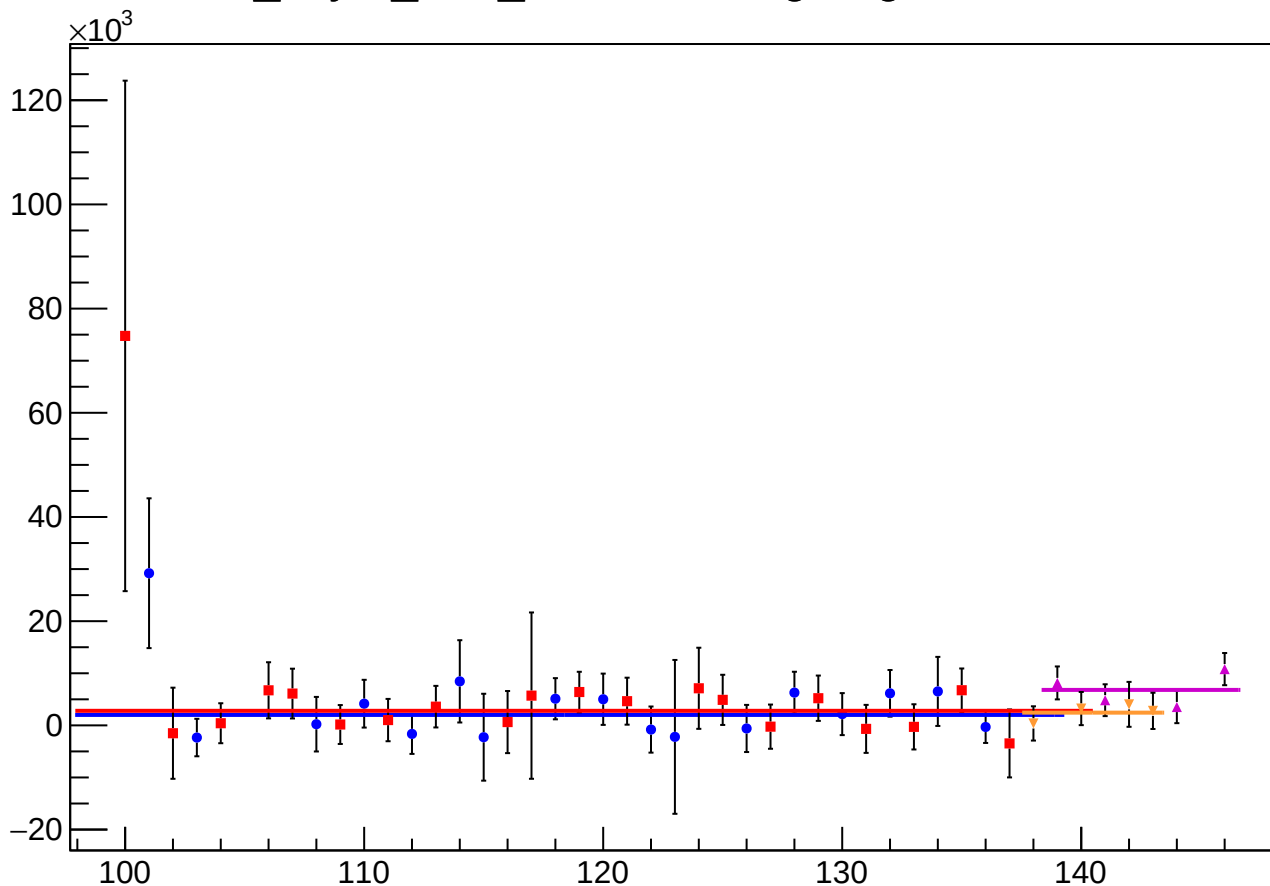
Left In: 10106.781+/-3.953 χ^2/NDF :52102.7/3

6771.931+/-1.622 χ^2/NDF : 1105543.0/20

6820.525+/-1.127 χ^2/NDF : 2496888.3/44

6865.974+/-1.569 χ^2/NDF : 1389607.9/23

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2005.383 $\pm$ 1134.240 χ^2 /NDF: 12.1/16

Left Out: 2442.189 $\pm$ 1746.671 χ^2 /NDF: 0.6/3

Right Out: 2794.497 $\pm$ 1083.659 χ^2 /NDF: 9.9/19

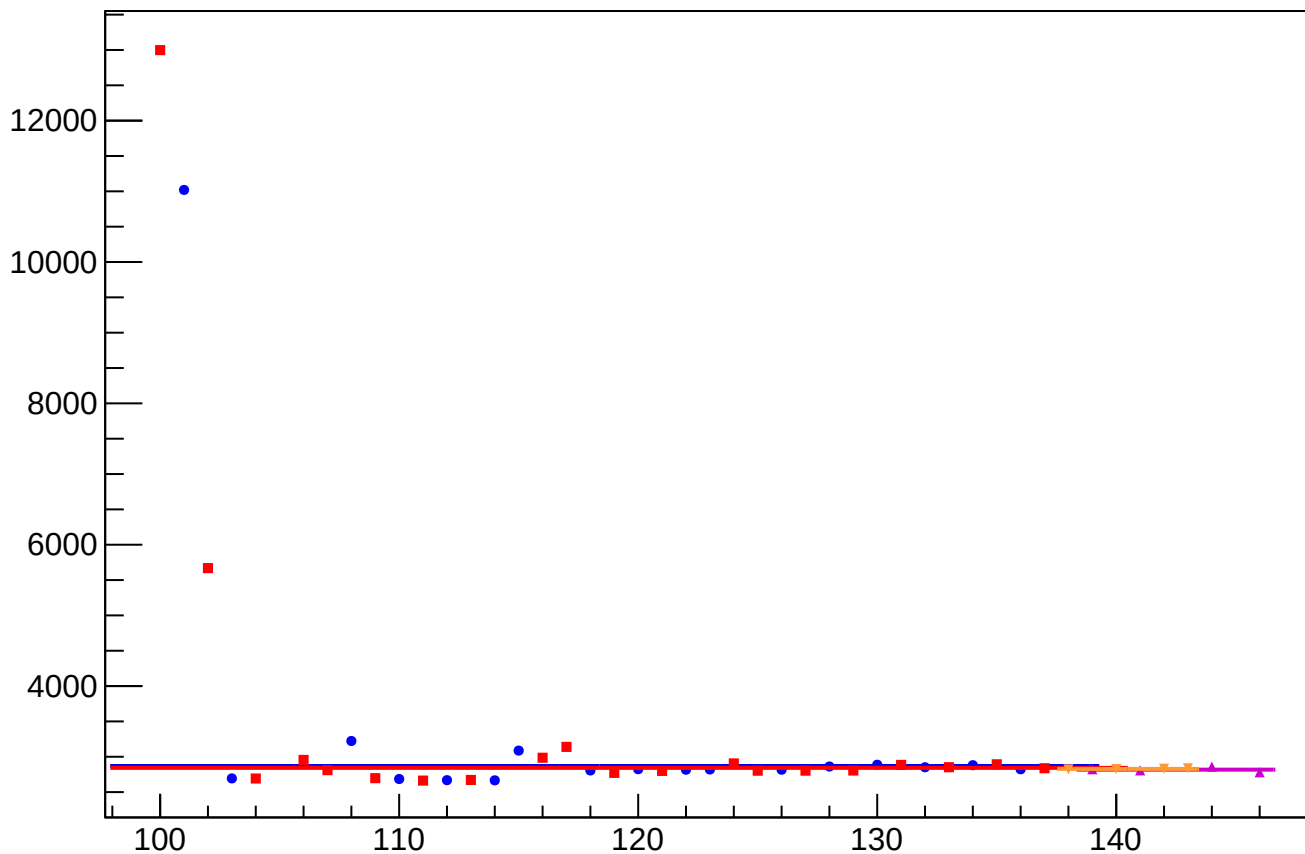
Left In: 6806.326 $\pm$ 1550.255 χ^2 /NDF: 3.4/3

2134.944 $\pm$ 951.269 χ^2 /NDF: 12.7/20

3190.853 $\pm$ 649.195 χ^2 /NDF: 32.8/44

4111.343 $\pm$ 888.177 χ^2 /NDF: 17.8/23

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2869.197 $\pm$ 0.802 χ^2 /NDF: 669900.5/16

Left Out: 2828.269 $\pm$ 1.235 χ^2 /NDF: 22.3/3

Right Out: 2842.934 $\pm$ 0.766 χ^2 /NDF: 313216.9/19

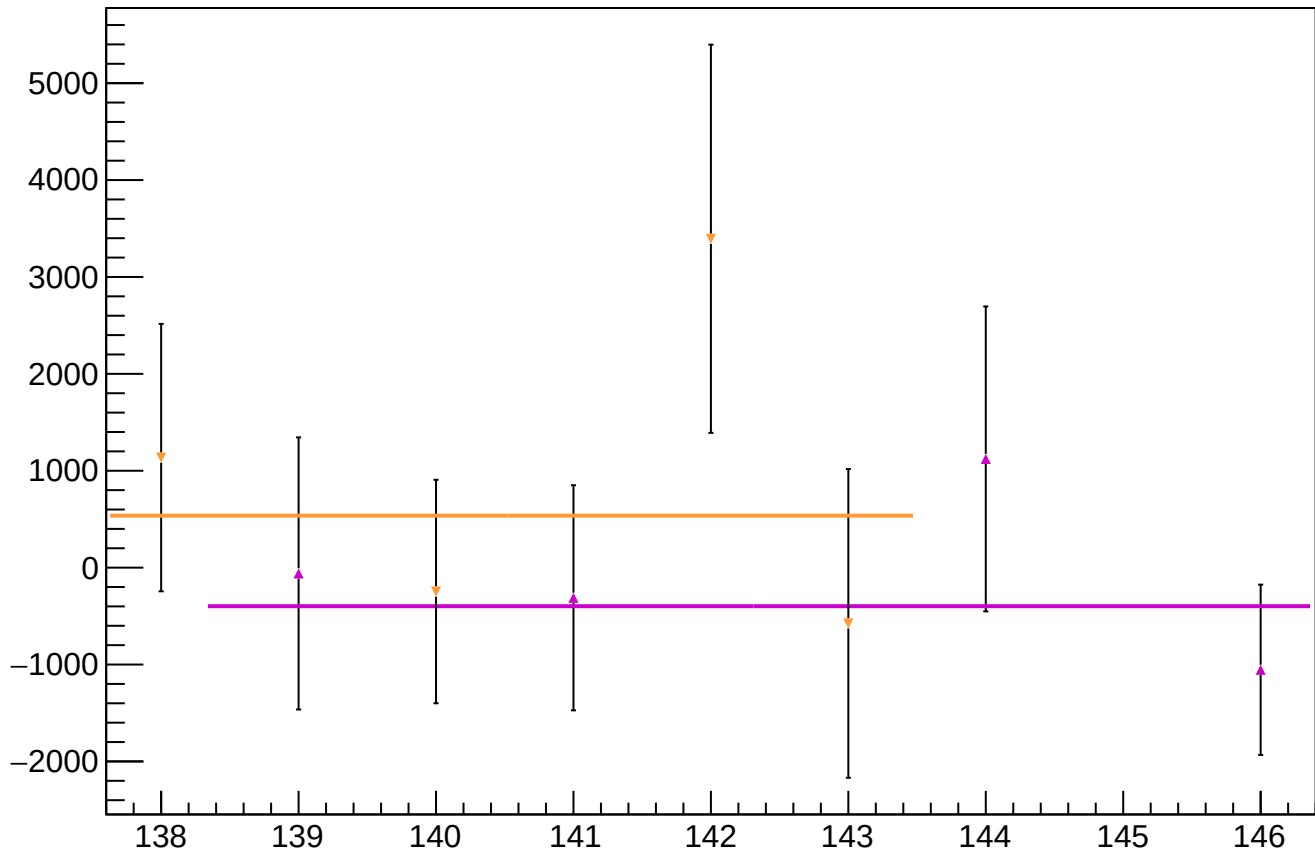
Left In: 2817.605 $\pm$ 1.096 χ^2 /NDF: 708.5/3

2857.057 $\pm$ 0.673 χ^2 /NDF: 670695.1/20

2845.070 $\pm$ 0.459 χ^2 /NDF: 985573.6/44

2834.620 $\pm$ 0.628 χ^2 /NDF: 314284.0/23

asym_atr1_correction_mean vs Slug, Sign Corrected



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

Left Out: 536.552+/-721.663 χ^2/NDF : 3.2/3

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

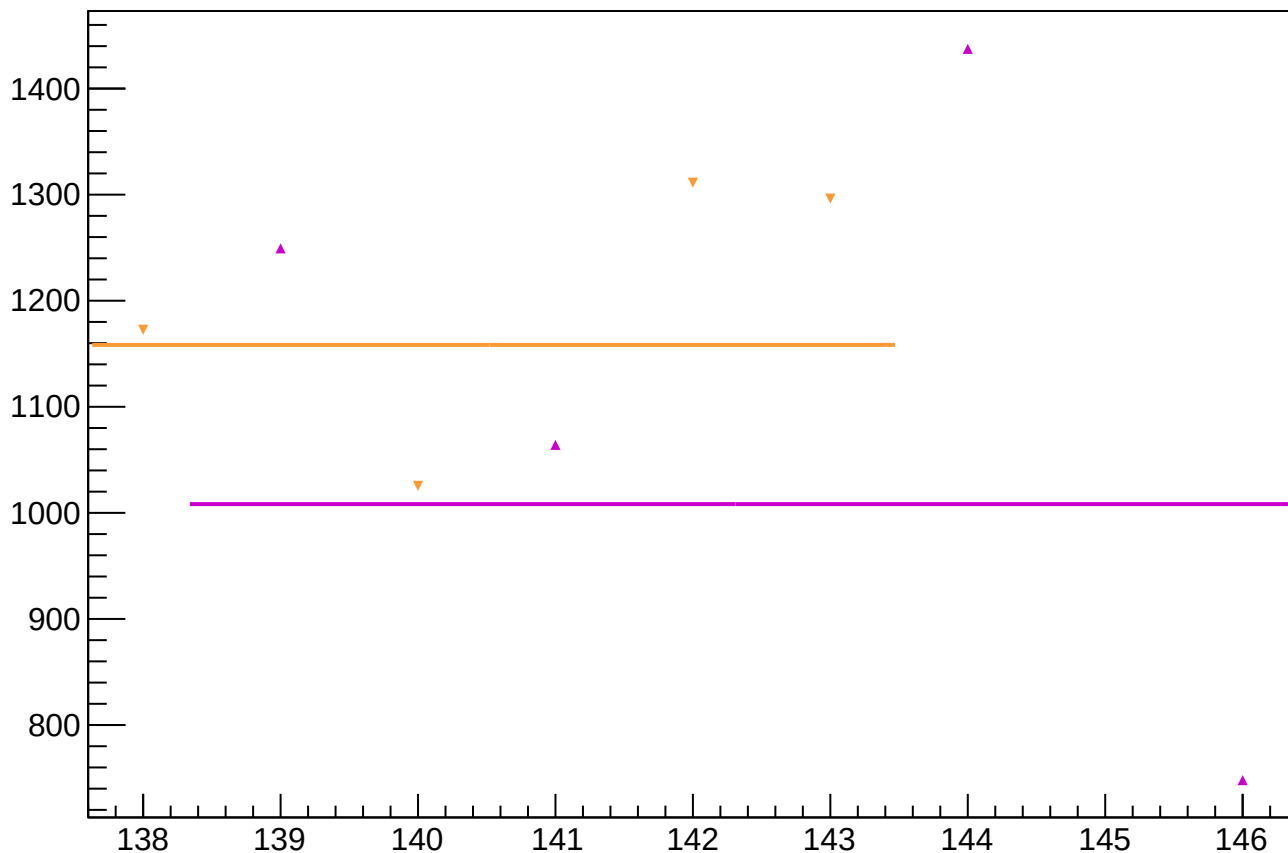
Left In: -397.928+/-582.523 χ^2/NDF : 1.6/3

536.552+/-721.663 χ^2/NDF : 3.2/3

-29.263+/-453.279 χ^2/NDF : 5.7/7

-397.928+/-582.523 χ^2/NDF : 1.6/3

asym_atr1_correction_rms vs Slug, Sign Corrected



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

Left Out: 1158.346+/-0.510 χ^2/NDF : 53415.5/3

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

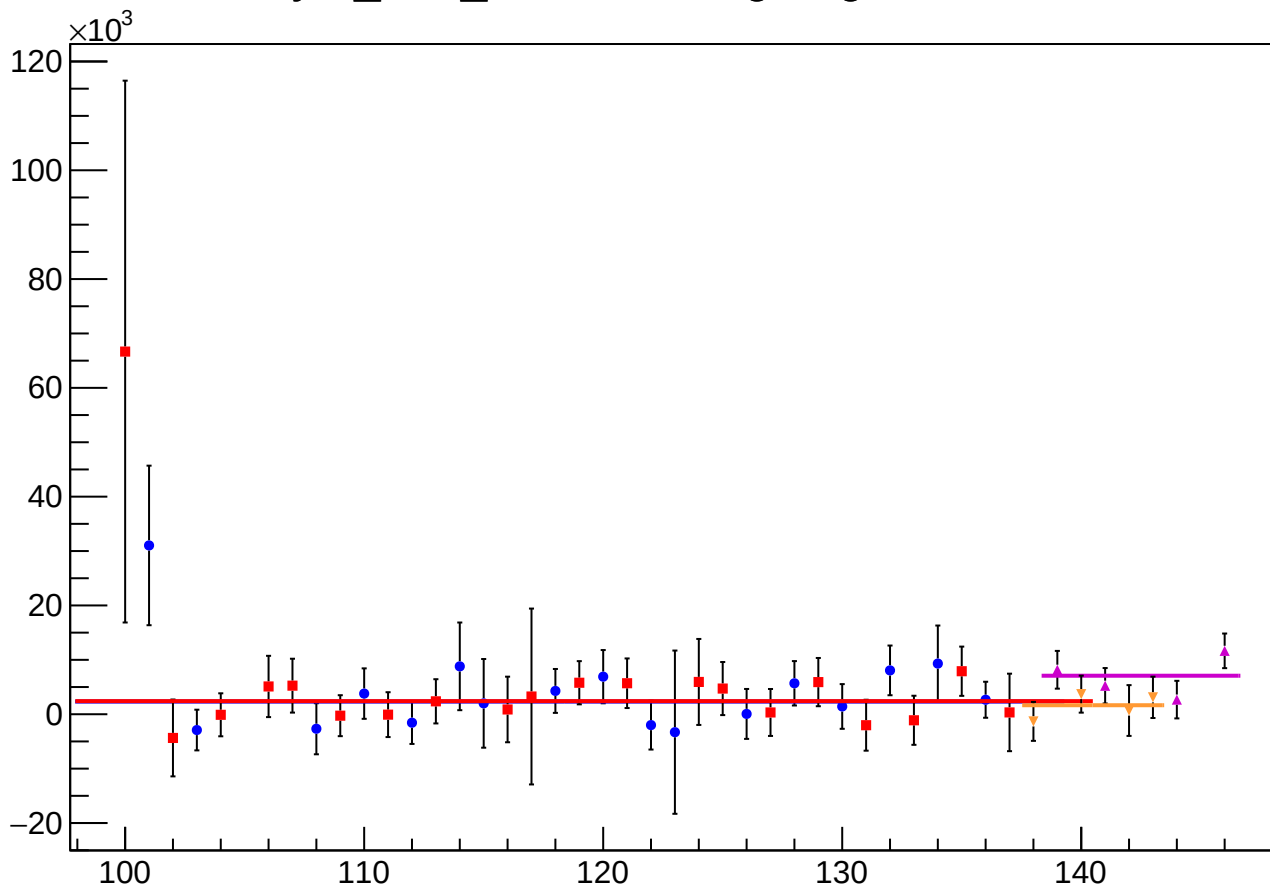
Left In: 1008.262+/-0.412 χ^2/NDF : 387758.8/3

1158.346+/-0.510 χ^2/NDF : 53415.5/3

1067.472+/-0.321 χ^2/NDF : 493550.3/7

1008.262+/-0.412 χ^2/NDF : 387758.8/3

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2330.134 ± 1156.555 χ^2/NDF : 14.4/16

Left Out: 1655.690 ± 1890.901 χ^2/NDF : 1.2/3

Right Out: 2407.761 ± 1107.485 χ^2/NDF : 10.1/19

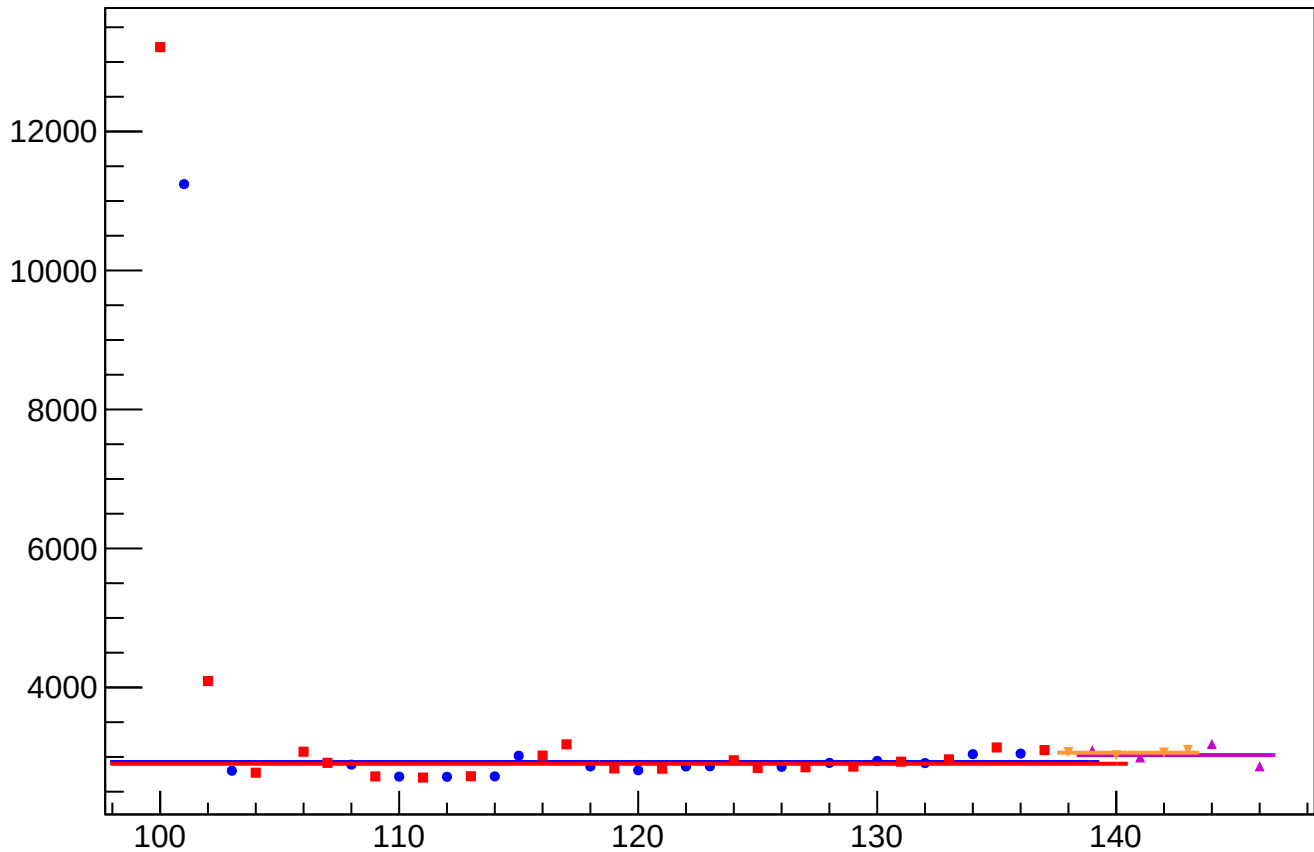
Left In: 7080.042 ± 1667.042 χ^2/NDF : 4.1/3

2146.514 ± 986.634 χ^2/NDF : 15.7/20

3049.275 ± 673.828 χ^2/NDF : 36.9/44

3838.440 ± 922.472 χ^2/NDF : 19.6/23

asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 3061.396+/-1.337 χ^2/NDF : 481.7/3

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

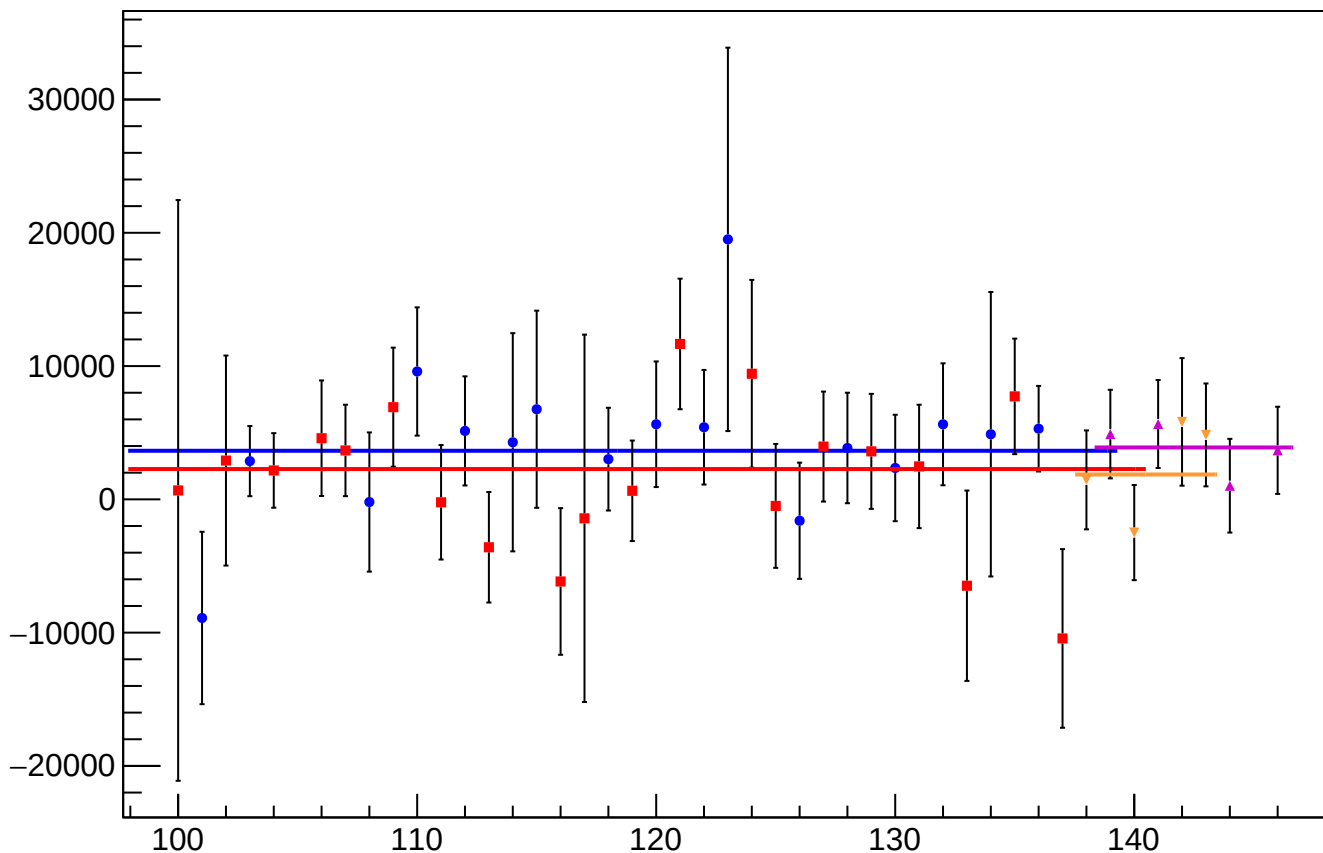
Left In: 3027.275+/-1.179 χ^2/NDF : 10441.0/3

2963.306+/-0.698 χ^2/NDF : 670671.4/20

2951.116+/-0.476 χ^2/NDF : 859968.2/44

2940.459+/-0.652 χ^2/NDF : 188724.5/23

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3645.268 $\pm$ 1091.486 χ^2 /NDF: 9.9/16

Left Out: 1864.614 $\pm$ 1953.967 χ^2 /NDF: 2.8/3

Right Out: 2274.510 $\pm$ 1043.858 χ^2 /NDF: 18.5/19

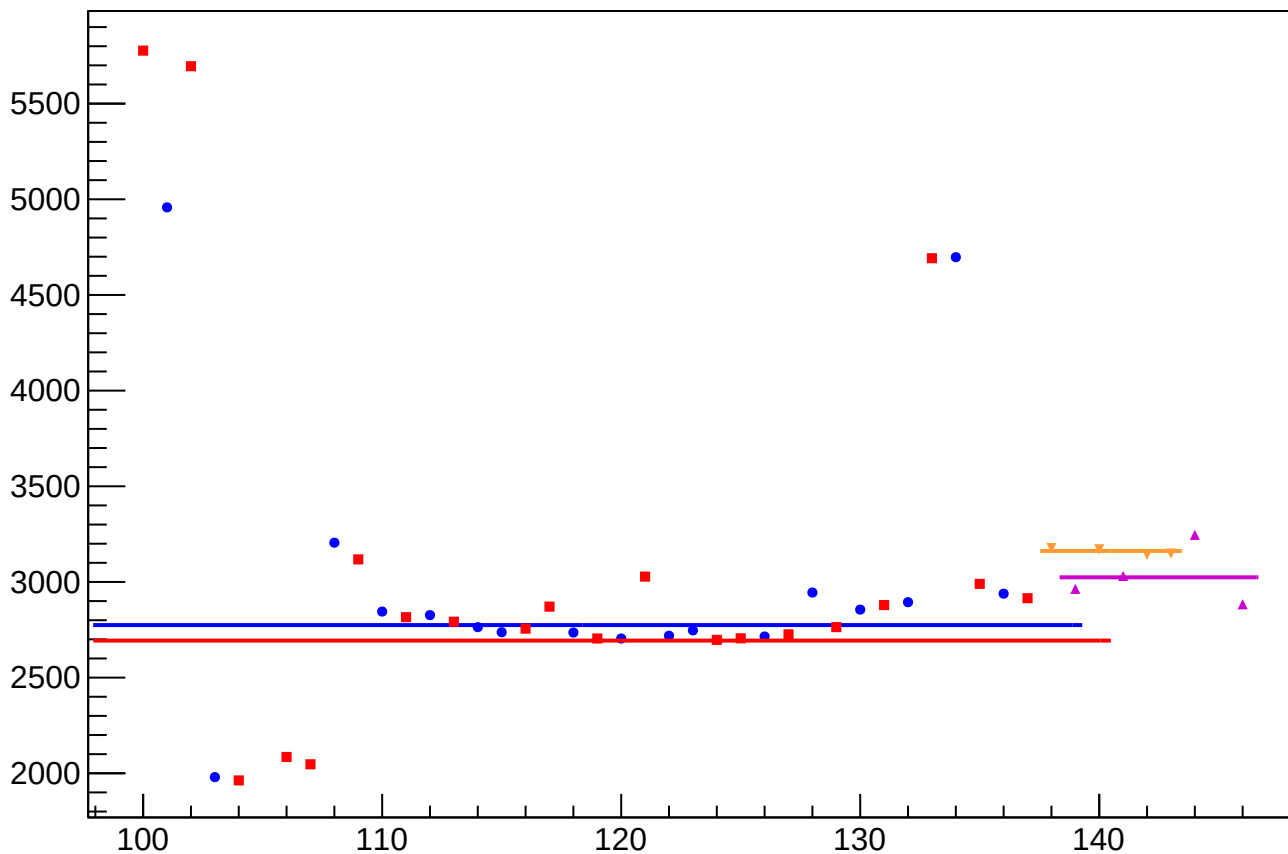
Left In: 3893.776 $\pm$ 1673.972 χ^2 /NDF: 1.0/3

3221.784 $\pm$ 952.896 χ^2 /NDF: 13.3/20

2956.818 $\pm$ 648.762 χ^2 /NDF: 33.6/44

2727.875 $\pm$ 885.754 χ^2 /NDF: 20.2/23

dit_asym_atr2_rms vs Slug, Sign Corrected



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

Left Out: 3161.980 $\pm$ 1.382 χ^2/NDF :103.2/3

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

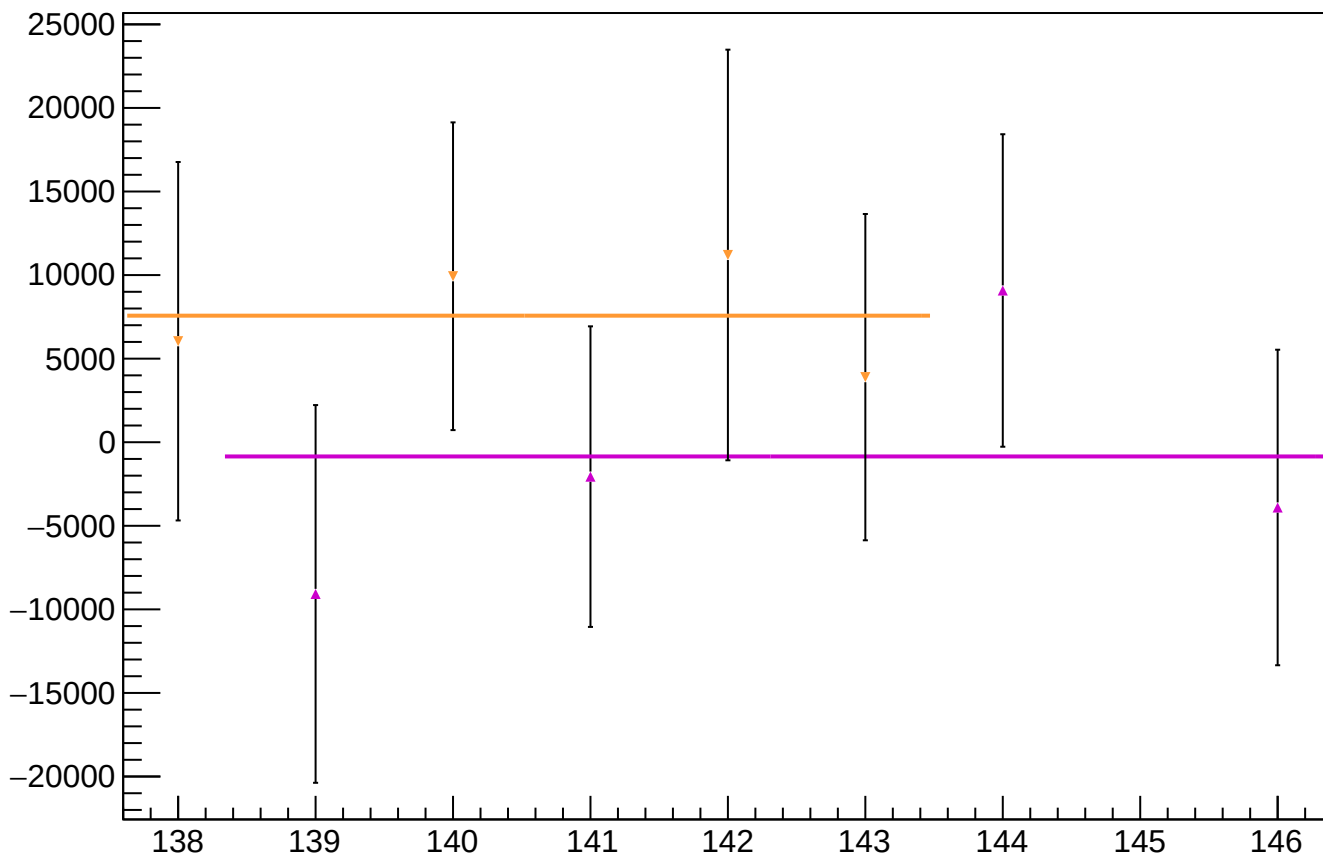
Left In: 3024.151 $\pm$ 1.184 χ^2/NDF :12348.8/3

2866.742 $\pm$ 0.674 χ^2/NDF : 561691.5/20

2823.447 $\pm$ 0.459 χ^2/NDF : 1418519.0/44

2786.057 $\pm$ 0.626 χ^2/NDF : 849133.2/23

asym_atr2_correction_mean vs Slug, Sign Corrected



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

Left Out: 7571.371+/-5155.634 χ^2/NDF : 0.3/3

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

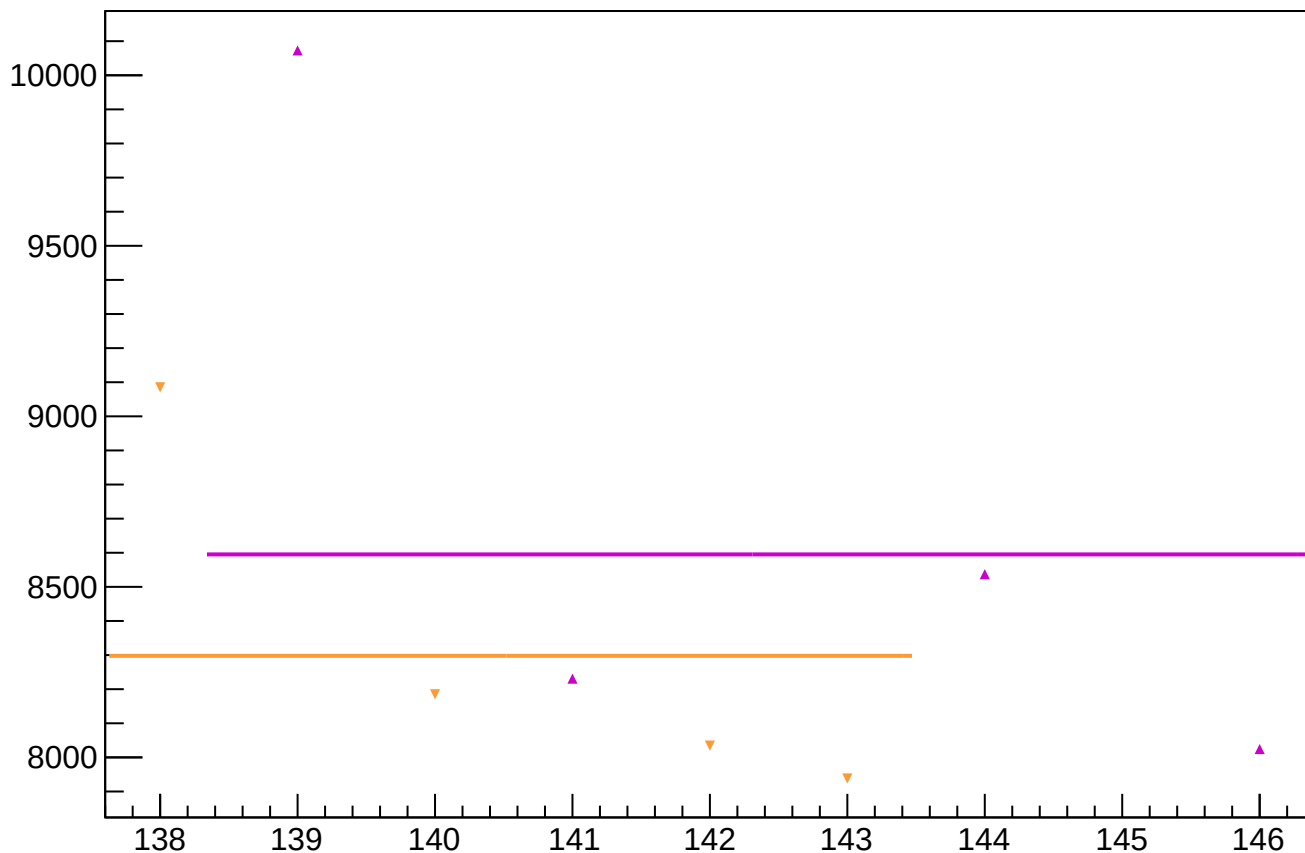
Left In: -851.248+/-4829.837 χ^2/NDF : 1.8/3

7571.371+/-5155.634 χ^2/NDF : 0.3/3

3085.548+/-3524.763 χ^2/NDF : 3.5/7

-851.248+/-4829.837 χ^2/NDF : 1.8/3

asym_atr2_correction_rms vs Slug, Sign Corrected



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

Left Out: 8297.776+/-3.646 χ^2/NDF : 14713.8/3

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

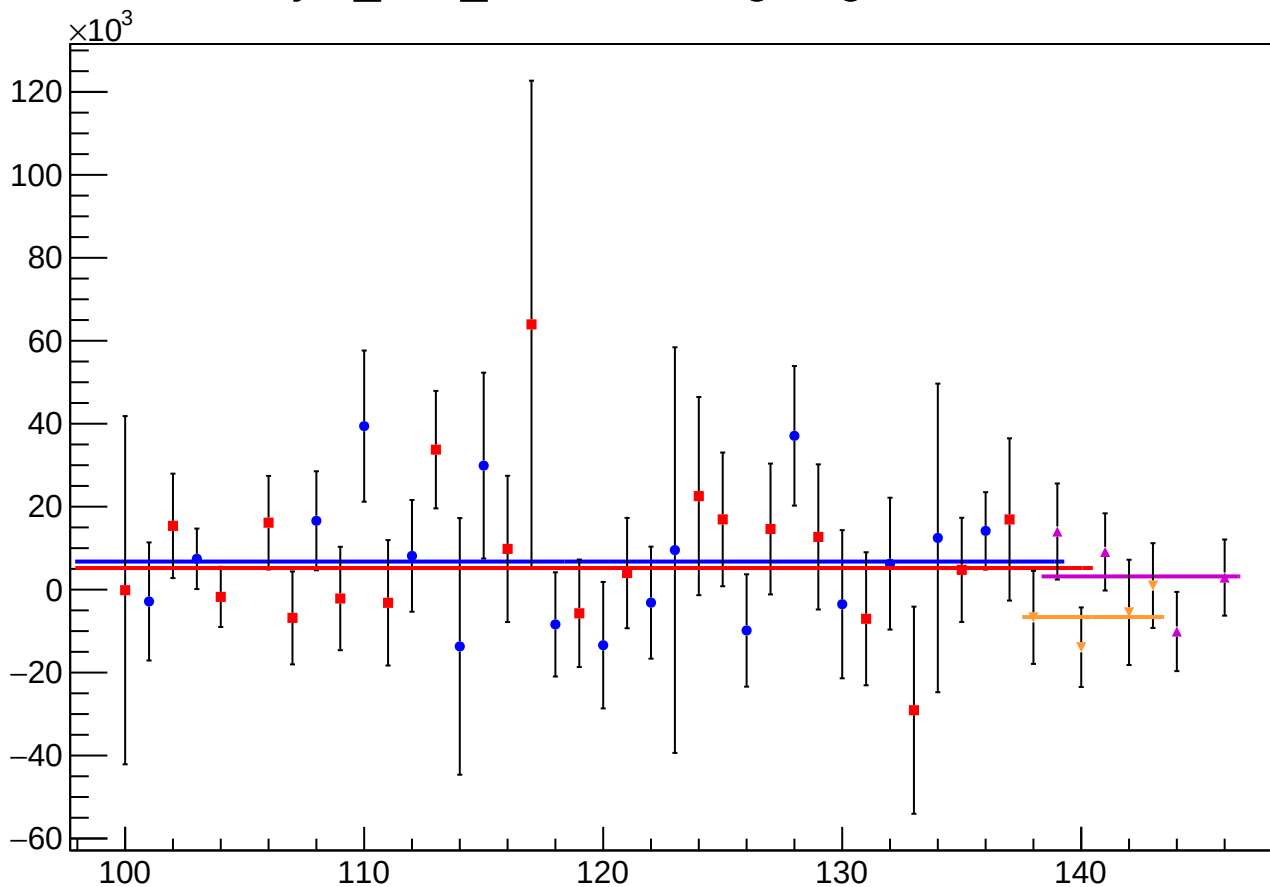
Left In: 8595.193+/-3.415 χ^2/NDF : 44878.5/3

8297.776+/-3.646 χ^2/NDF : 14713.8/3

8456.178+/-2.492 χ^2/NDF : 63137.1/7

8595.193+/-3.415 χ^2/NDF : 44878.5/3

asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: -6610.071 $\pm$ 5375.835 χ^2 /NDF: 1.1/3

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

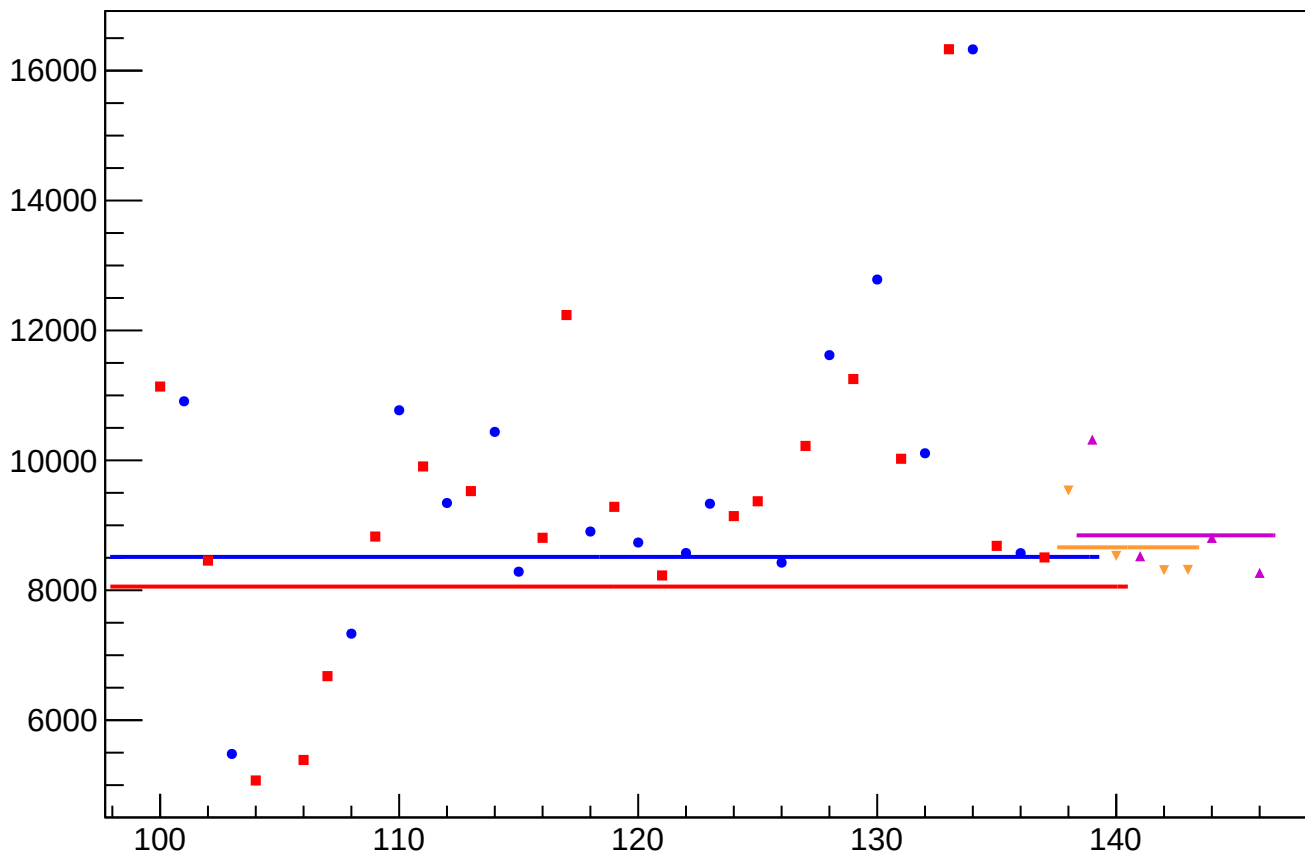
Left In: 3186.237 $\pm$ 4888.364 χ^2 /NDF: 3.2/3

2965.888 $\pm$ 2865.742 χ^2 /NDF: 20.9/20

3852.725 $\pm$ 1947.847 χ^2 /NDF: 39.0/44

4614.263 $\pm$ 2655.589 χ^2 /NDF: 17.9/23

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8513.665+/-2.395 χ^2/NDF : 762614.5/16

Left Out: 8660.958+/-3.801 χ^2/NDF :16395.7/3

Right Out: 8056.887+/-2.237 χ^2/NDF : 962463.7/19

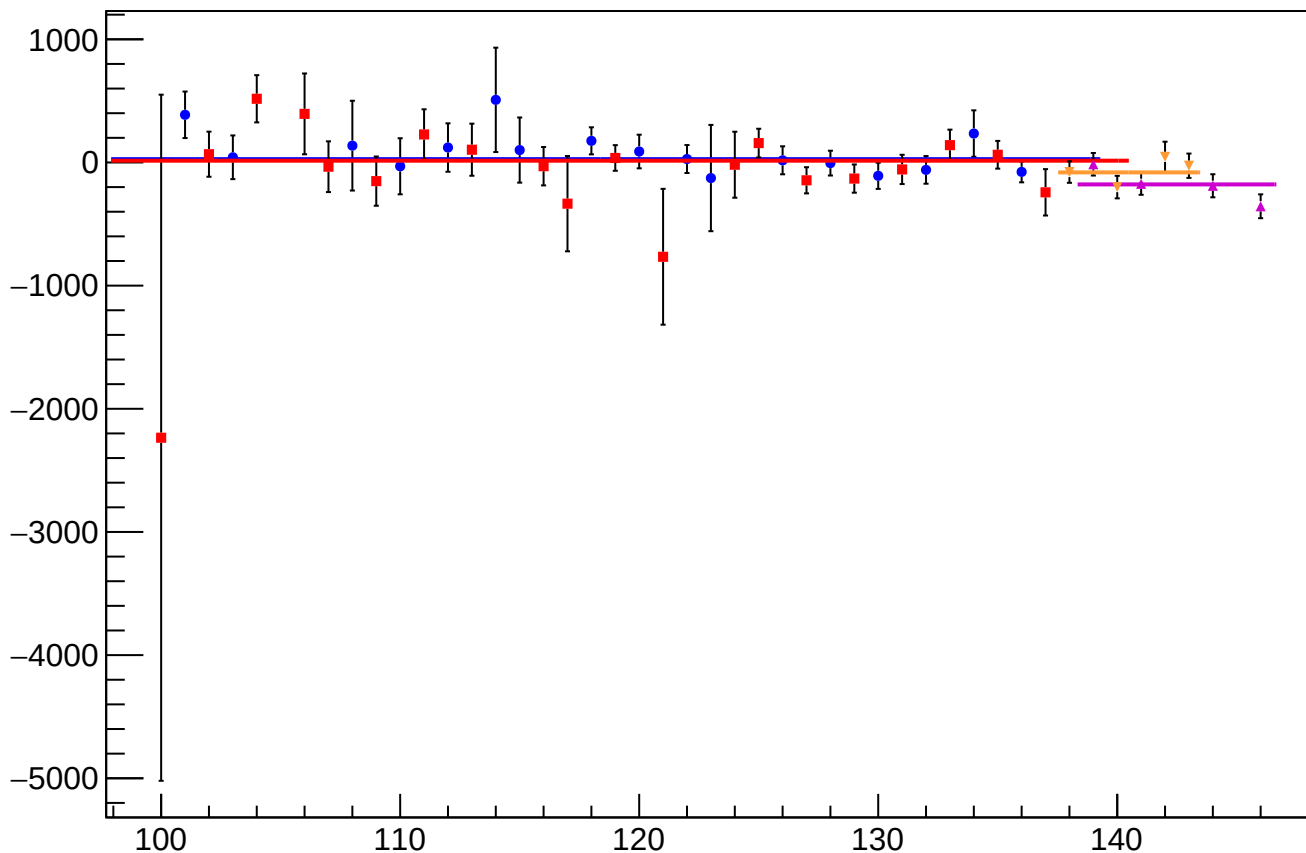
Left In: 8845.704+/-3.457 χ^2/NDF :42807.8/3

8555.522+/-2.026 χ^2/NDF : 780084.9/20

8412.488+/-1.377 χ^2/NDF : 1831326.7/44

8289.669+/-1.878 χ^2/NDF : 1041981.2/23

dit_asym_sam1_mean vs Slug, Sign Corrected



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

Left Out: -80.730 $\pm$ 48.880 χ^2/NDF : 3.0/3

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

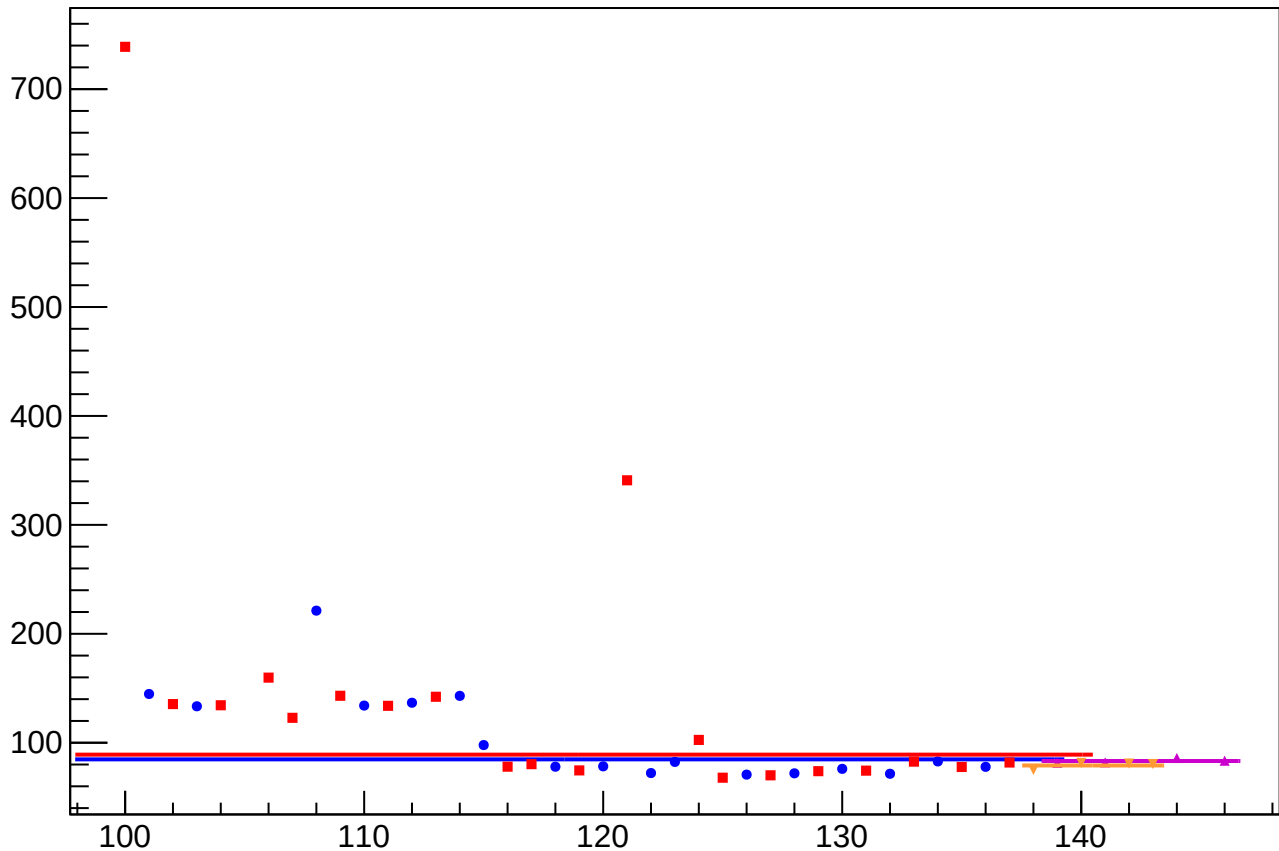
Left In: -178.182 $\pm$ 46.357 χ^2/NDF : 6.6/3

-8.213 $\pm$ 27.928 χ^2/NDF : 18.9/20

-32.189 $\pm$ 19.820 χ^2/NDF : 60.6/44

-56.520 $\pm$ 28.134 χ^2/NDF : 40.2/23

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737 $\pm$ 0.024 χ^2 /NDF: 1064420.0/16

Left Out: 79.134 $\pm$ 0.035 χ^2 /NDF: 6547.7/3

Right Out: 89.069 $\pm$ 0.025 χ^2 /NDF: 1560299.8/19

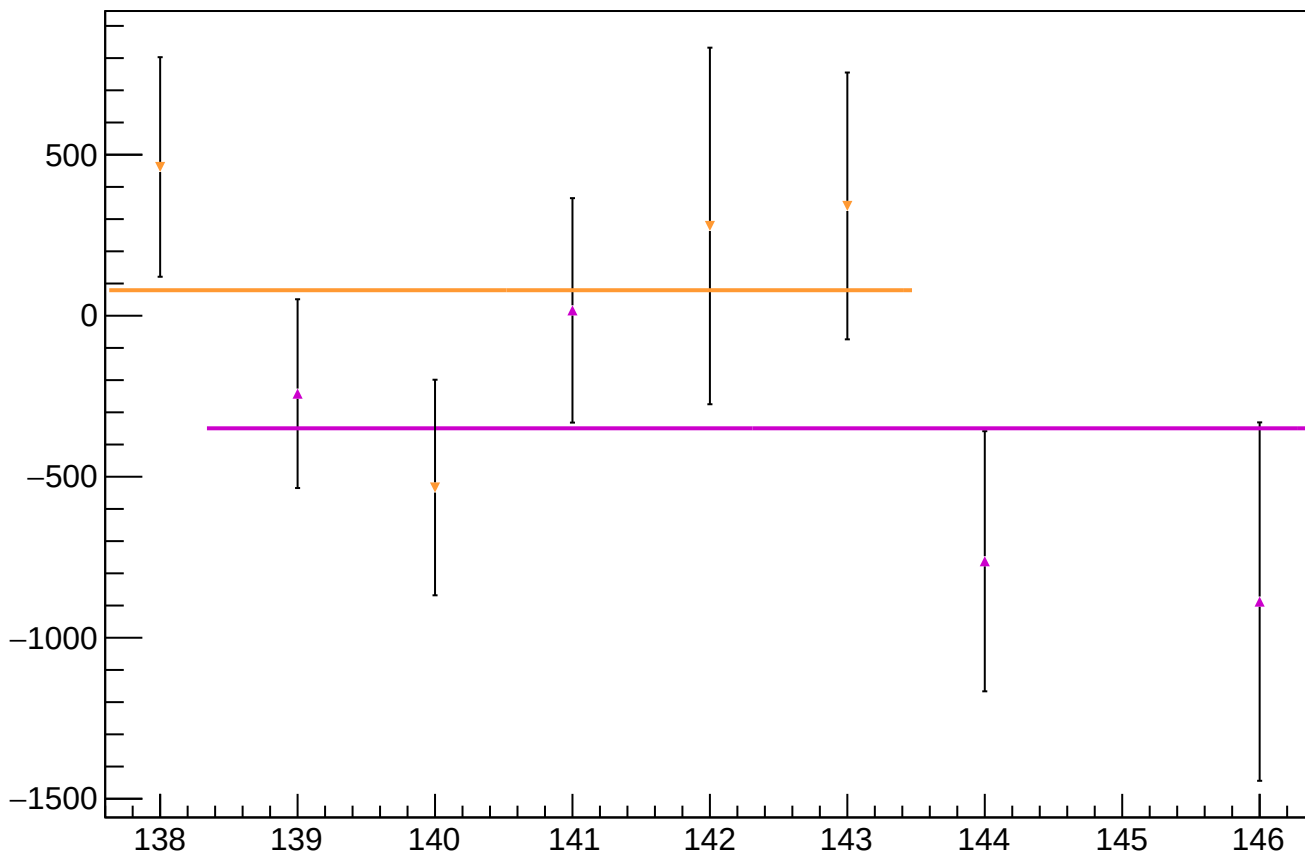
Left In: 83.225 $\pm$ 0.033 χ^2 /NDF: 2803.3/3

82.908 $\pm$ 0.020 χ^2 /NDF: 1088668.9/20

84.898 $\pm$ 0.014 χ^2 /NDF: 2692302.6/44

86.917 $\pm$ 0.020 χ^2 /NDF: 1583181.7/23

asym_sam1_correction_mean vs Slug, Sign Corrected



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

Left Out: 79.187+/-193.827 χ^2/NDF : 5.1/3

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

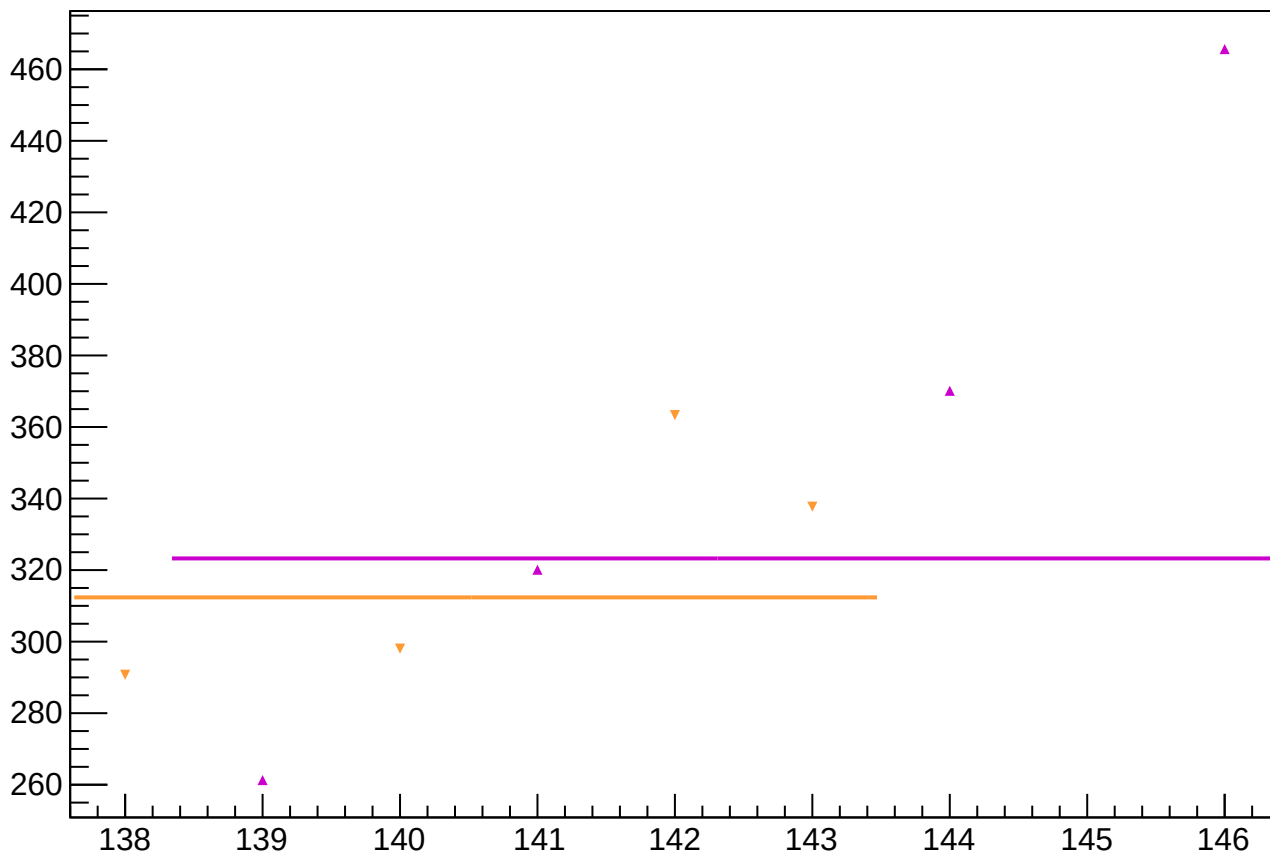
Left In: -349.629+/-184.964 χ^2/NDF : 3.2/3

79.187+/-193.827 χ^2/NDF : 5.1/3

-145.249+/-133.813 χ^2/NDF : 10.9/7

-349.629+/-184.964 χ^2/NDF : 3.2/3

asym_sam1_correction_rms vs Slug, Sign Corrected



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

Left Out: 312.371+/-0.137 χ^2/NDF : 36149.6/3

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

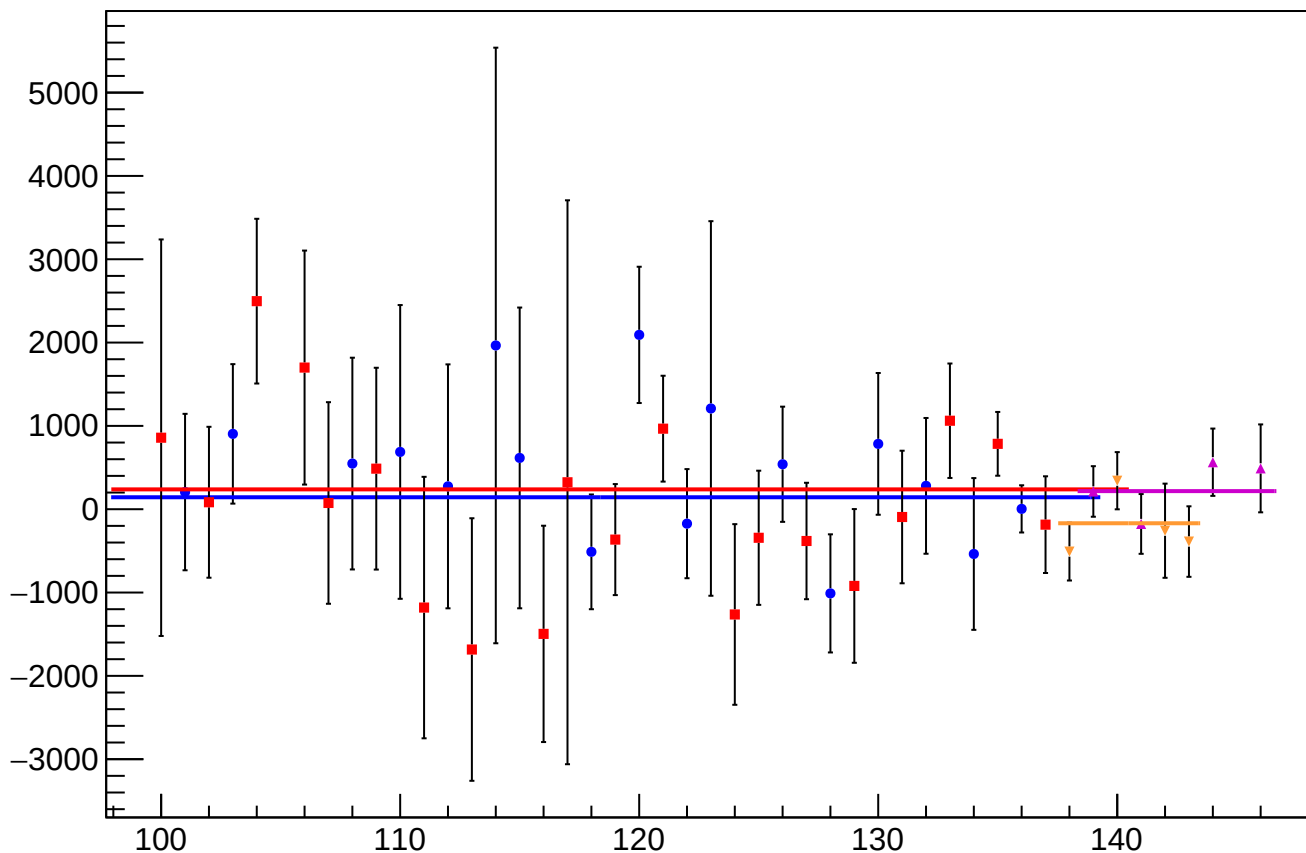
Left In: 323.259+/-0.131 χ^2/NDF : 247364.4/3

312.371+/-0.137 χ^2/NDF : 36149.6/3

318.070+/-0.095 χ^2/NDF : 286817.2/7

323.259+/-0.131 χ^2/NDF : 247364.4/3

asym_sam1_mean vs Slug, Sign Corrected



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

Left Out: -168.567 $\pm$ 197.991 χ^2 /NDF: 3.5/3

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

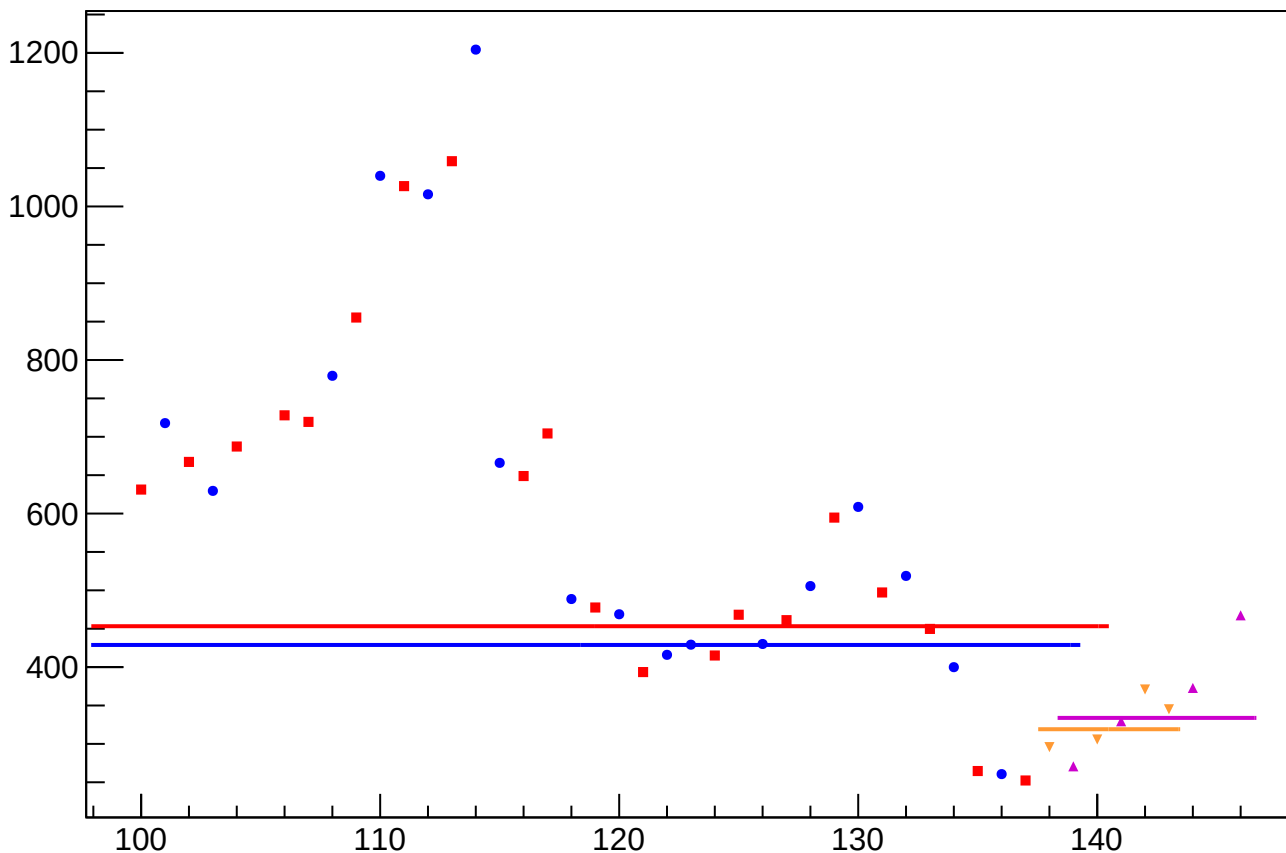
Left In: 217.188 $\pm$ 187.795 χ^2 /NDF: 2.2/3

2.935 $\pm$ 132.877 χ^2 /NDF: 17.6/20

116.716 $\pm$ 93.406 χ^2 /NDF: 43.0/44

227.860 $\pm$ 131.328 χ^2 /NDF: 23.9/23

asym_sam1_rms vs Slug, Sign Corrected



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

Left Out: 319.089 $\pm$ 0.140 χ^2/NDF : 36385.3/3

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

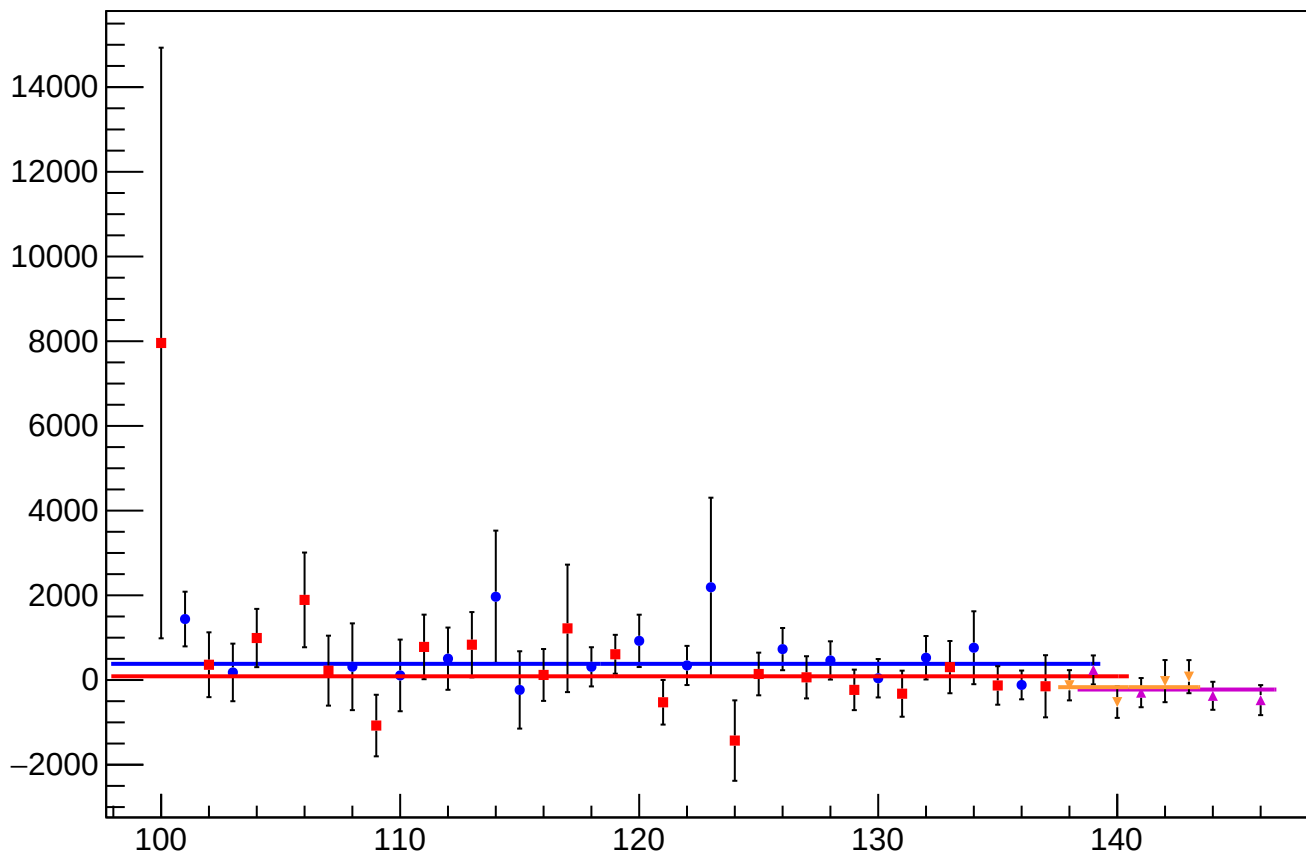
Left In: 333.843 $\pm$ 0.133 χ^2/NDF : 233673.1/3

379.416 $\pm$ 0.094 χ^2/NDF : 2386565.9/20

387.228 $\pm$ 0.066 χ^2/NDF : 5097399.4/44

394.860 $\pm$ 0.093 χ^2/NDF : 2697166.0/23

dit_asym_sam2_mean vs Slug, Sign Corrected



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

Left Out: -168.941+/-197.359 χ^2/NDF : 1.4/3

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

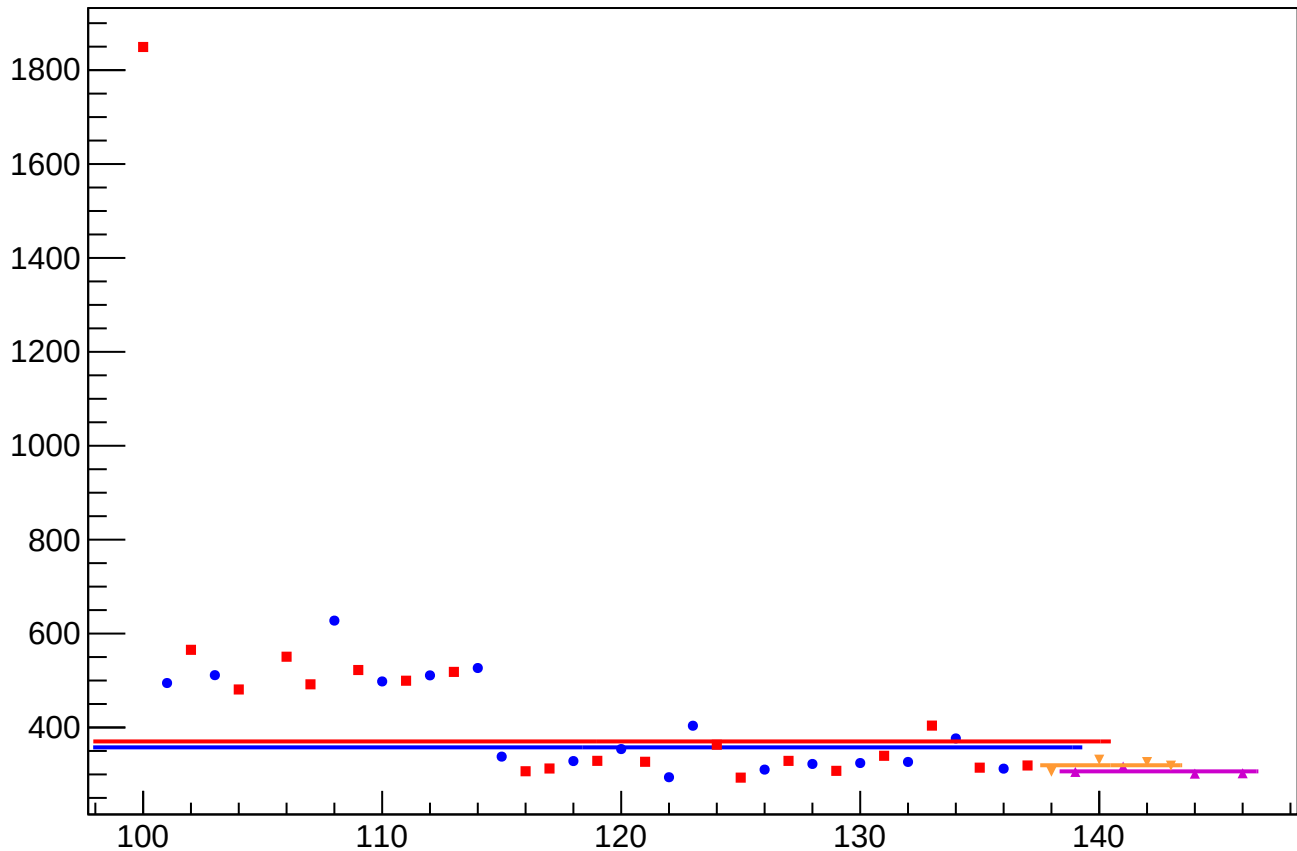
Left In: -224.615+/-171.358 χ^2/NDF : 2.6/3

195.413+/-114.832 χ^2/NDF : 16.0/20

72.195+/-79.326 χ^2/NDF : 40.1/44

-40.279+/-109.711 χ^2/NDF : 21.9/23

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 357.664 $\pm$ 0.100 χ^2 /NDF: 629671.7/16

Left Out: 319.538 $\pm$ 0.140 χ^2 /NDF: 5348.5/3

Right Out: 370.270 $\pm$ 0.101 χ^2 /NDF: 787745.4/19

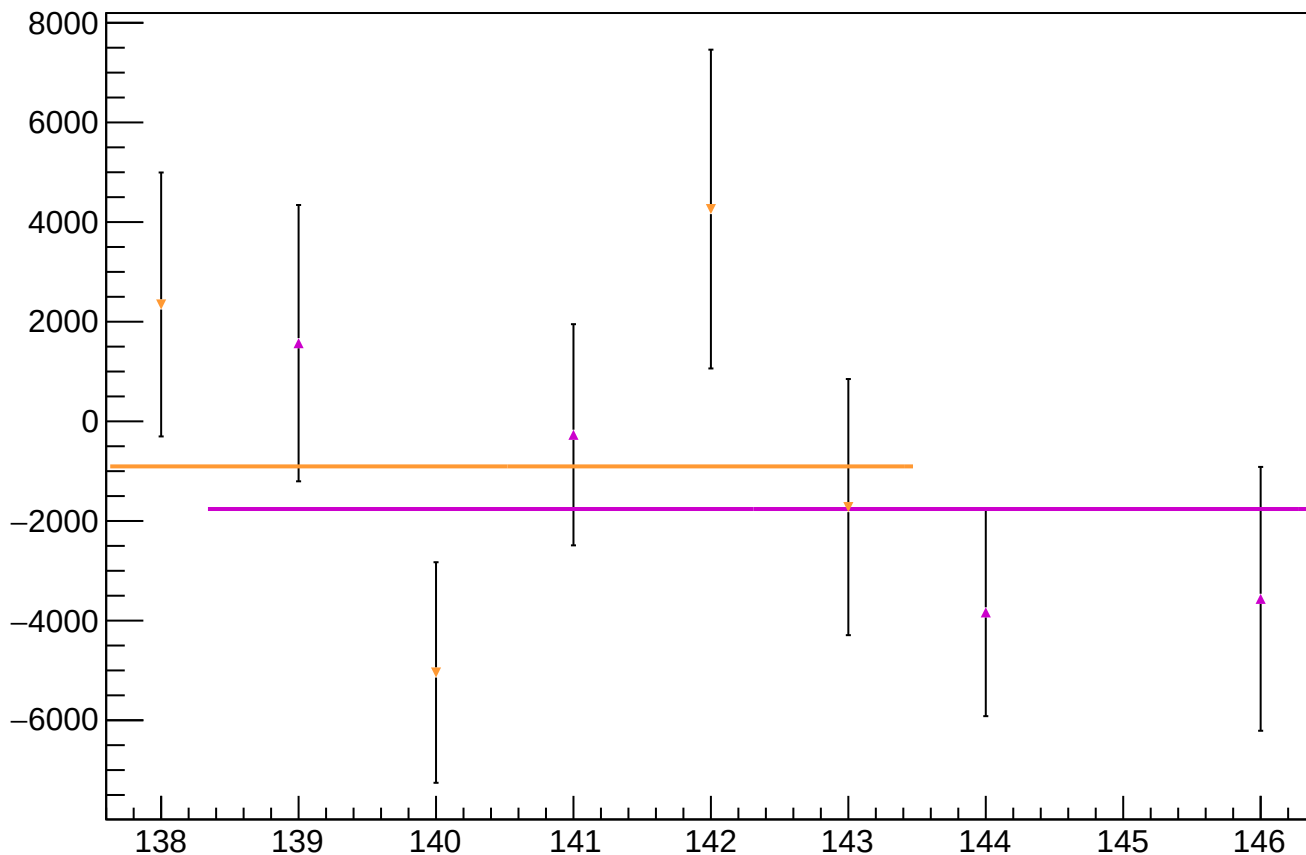
Left In: 306.529 $\pm$ 0.121 χ^2 /NDF: 2447.8/3

344.757 $\pm$ 0.081 χ^2 /NDF: 684389.9/20

344.435 $\pm$ 0.056 χ^2 /NDF: 1637911.4/44

344.142 $\pm$ 0.078 χ^2 /NDF: 953491.5/23

asym_sam2_correction_mean vs Slug, Sign Corrected



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

Left Out: -904.420+/-1295.832 χ^2/NDF : 7.7/3

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

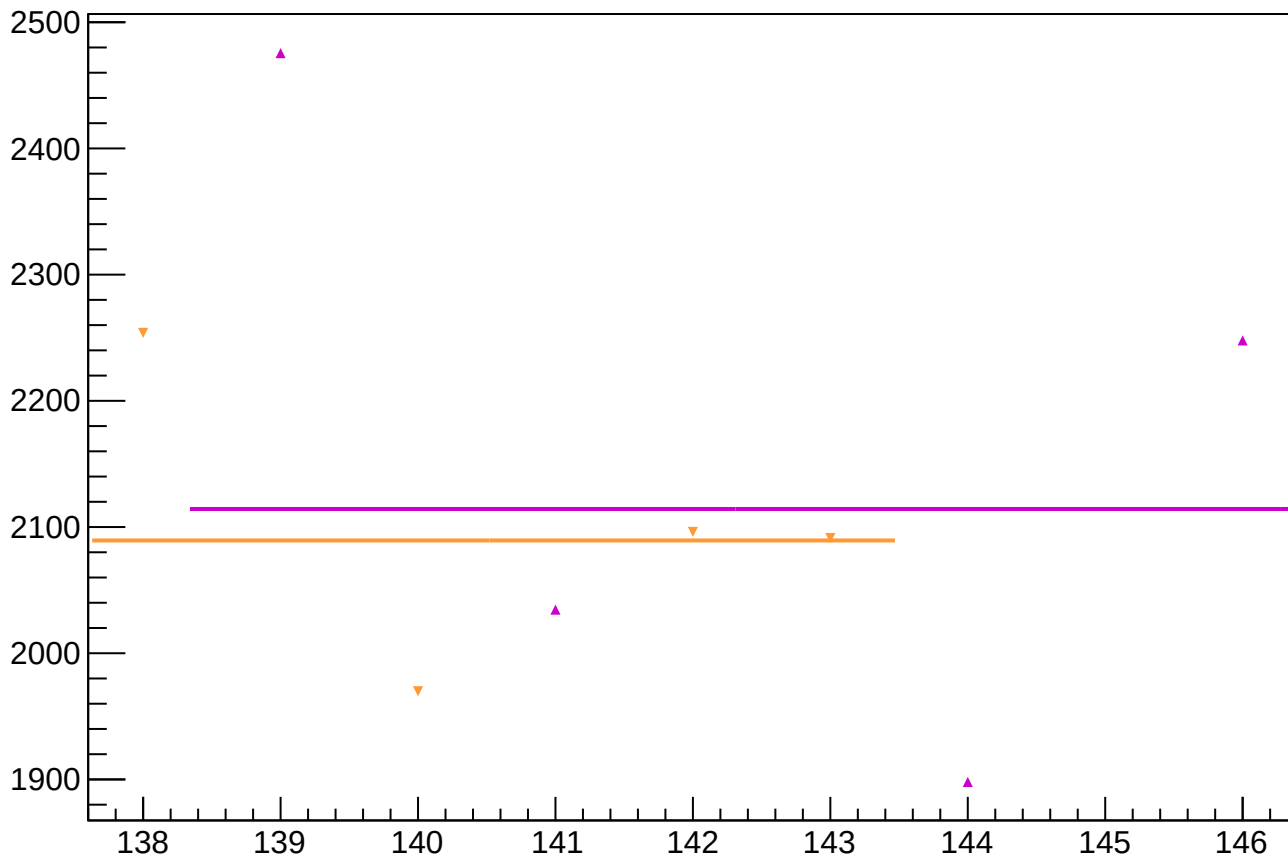
Left In: -1759.601+/-1190.185 χ^2/NDF : 3.3/3

-904.420+/-1295.832 χ^2/NDF : 7.7/3

-1368.287+/-876.561 χ^2/NDF : 11.3/7

-1759.601+/-1190.185 χ^2/NDF : 3.3/3

asym_sam2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2089.376+/-0.916 χ^2/NDF : 13546.9/3

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

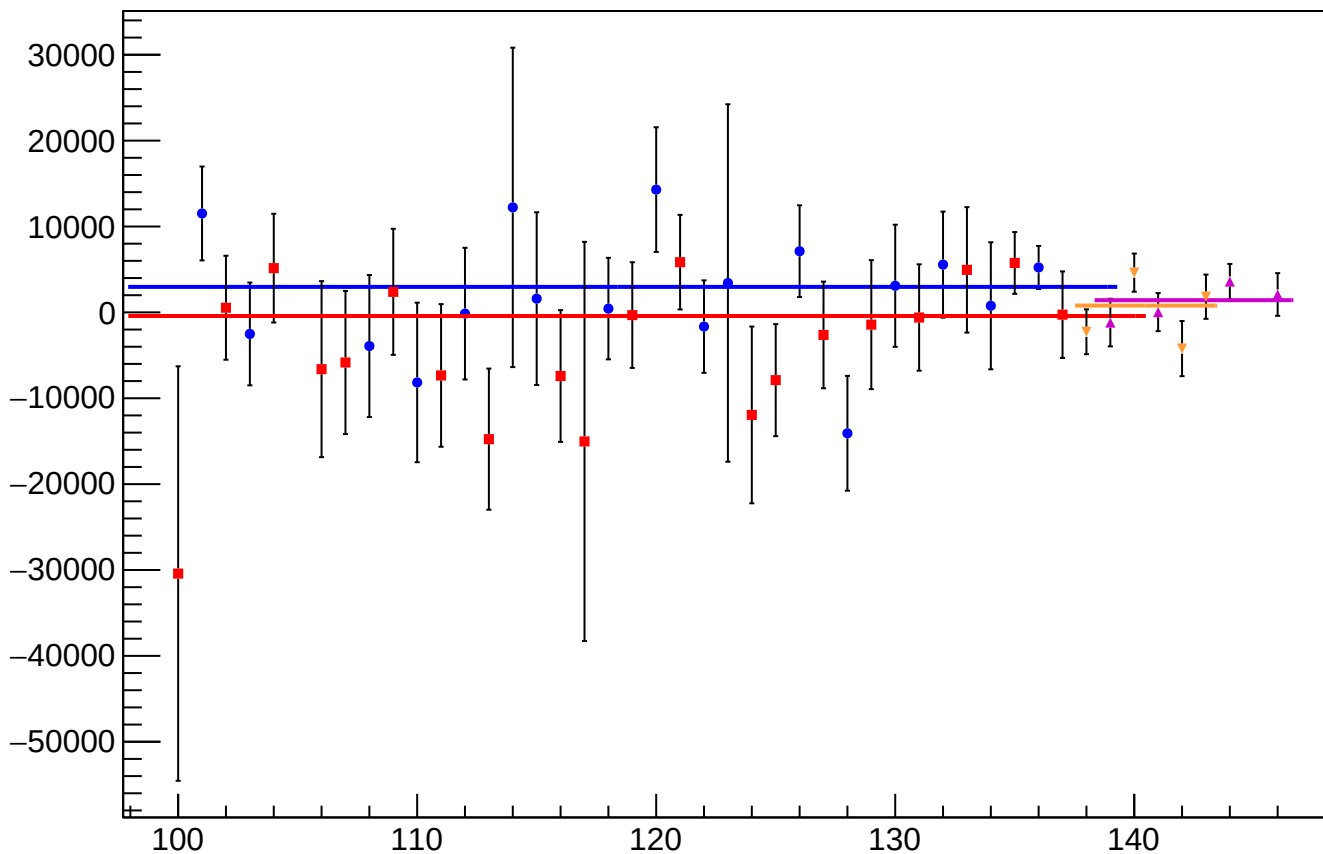
Left In: 2114.296+/-0.842 χ^2/NDF : 63152.9/3

2089.376+/-0.916 χ^2/NDF : 13546.9/3

2102.893+/-0.620 χ^2/NDF : 77101.0/7

2114.296+/-0.842 χ^2/NDF : 63152.9/3

asym_sam2_mean vs Slug, Sign Corrected



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

Left Out: 793.890 $\pm$ 1293.921 χ^2 /NDF: 6.9/3

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

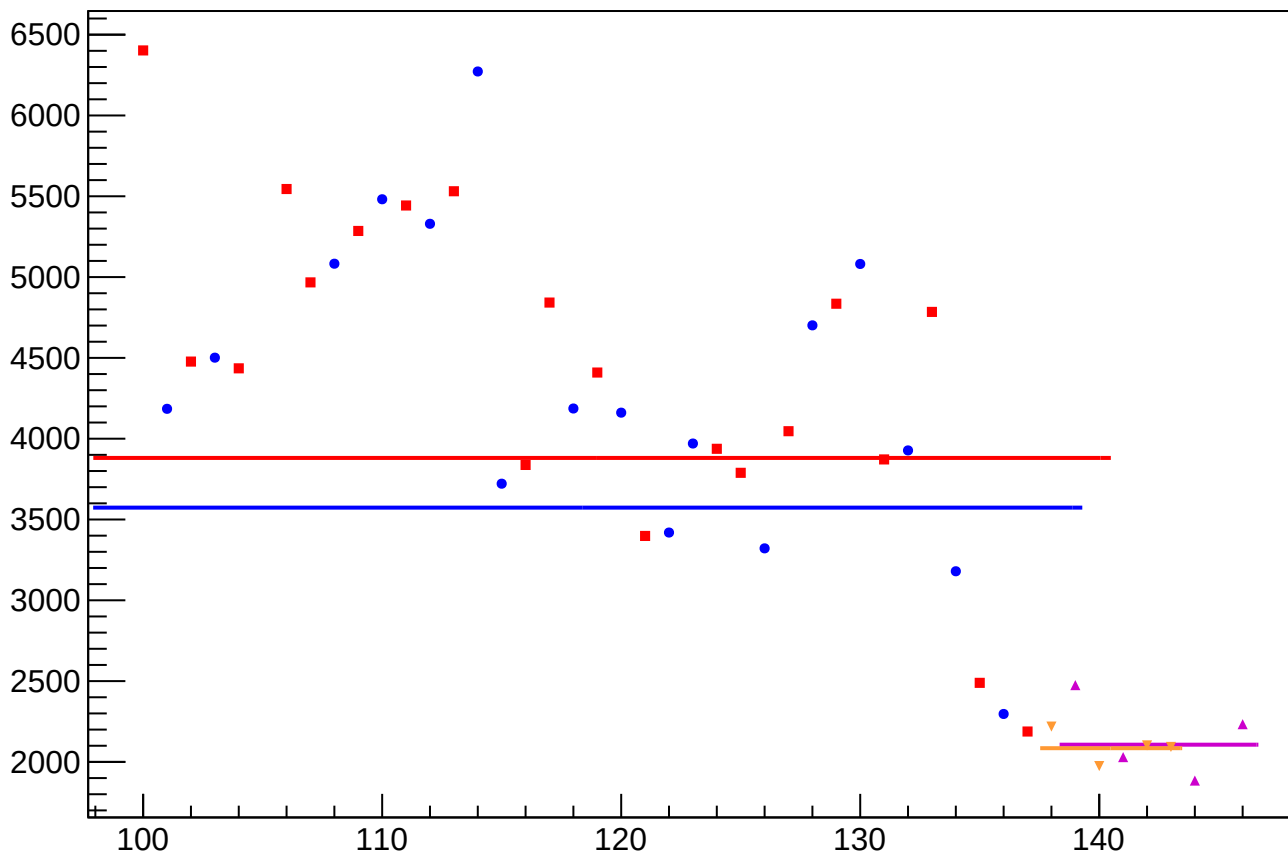
Left In: 1420.943 $\pm$ 1167.602 χ^2 /NDF: 2.5/3

1765.245 $\pm$ 962.600 χ^2 /NDF: 25.6/20

1224.736 $\pm$ 665.946 χ^2 /NDF: 45.3/44

728.566 $\pm$ 922.274 χ^2 /NDF: 19.1/23

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470 $\pm$ 1.019 χ^2 /NDF: 1088731.5/16

Left Out: 2084.873 $\pm$ 0.915 χ^2 /NDF:10282.6/3

Right Out: 3880.955 $\pm$ 1.063 χ^2 /NDF: 991845.4/19

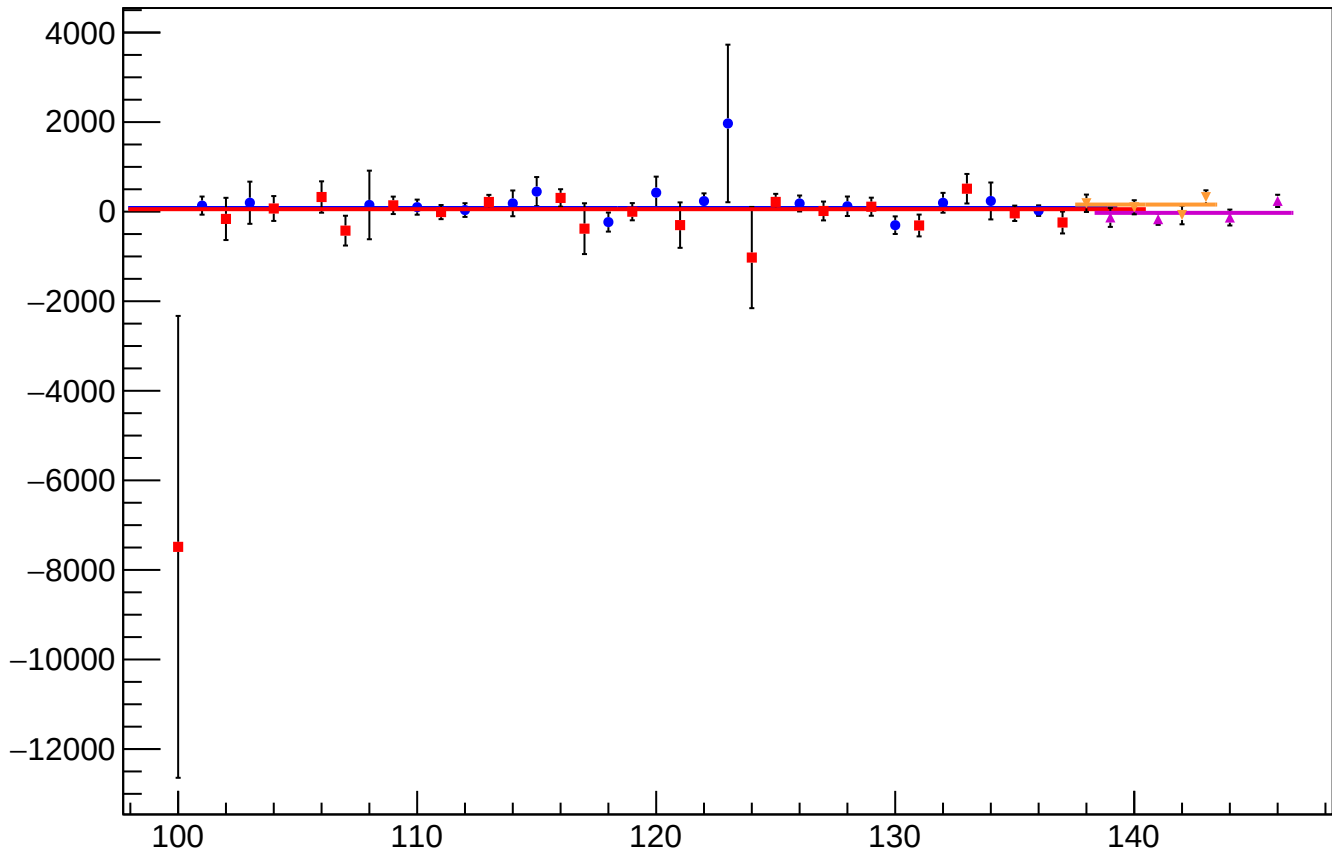
Left In: 2106.595 $\pm$ 0.826 χ^2 /NDF:66398.2/3

2749.609 $\pm$ 0.681 χ^2 /NDF: 2281078.5/20

2762.270 $\pm$ 0.471 χ^2 /NDF: 5076994.1/44

2773.893 $\pm$ 0.652 χ^2 /NDF: 2795251.9/23

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 81.851+/-51.907 χ^2/NDF : 11.5/16

Left Out: 158.736+/-86.714 χ^2/NDF : 2.6/3

Right Out: 55.188+/-52.933 χ^2/NDF : 17.0/19

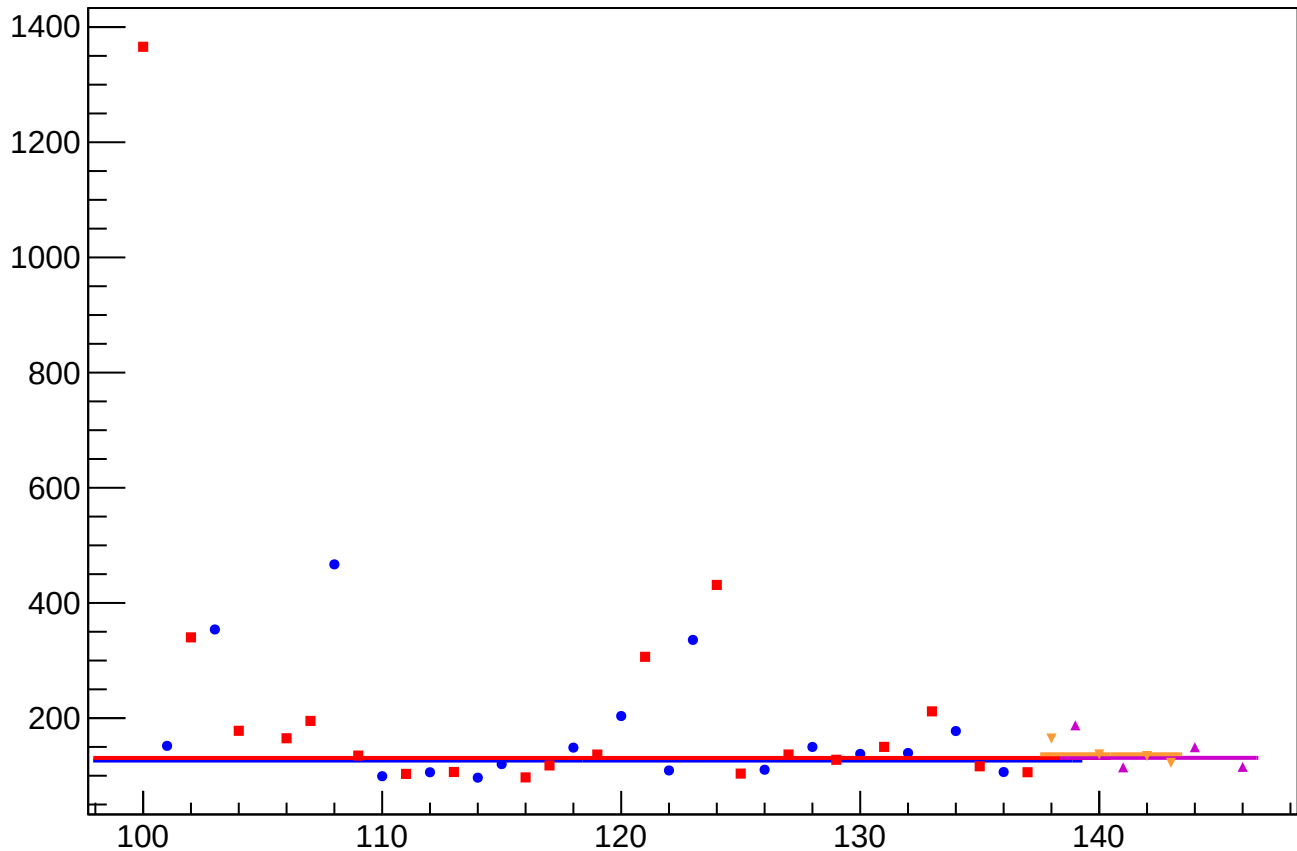
Left In: -26.752+/-76.894 χ^2/NDF : 5.6/3

102.133+/-44.537 χ^2/NDF : 14.7/20

64.709+/-31.156 χ^2/NDF : 39.5/44

28.843+/-43.601 χ^2/NDF : 23.4/23

dit_asym_sam3_rms vs Slug, Sign Corrected



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

Left Out: 137.254+/-0.061 χ^2/NDF : 59169.5/3

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

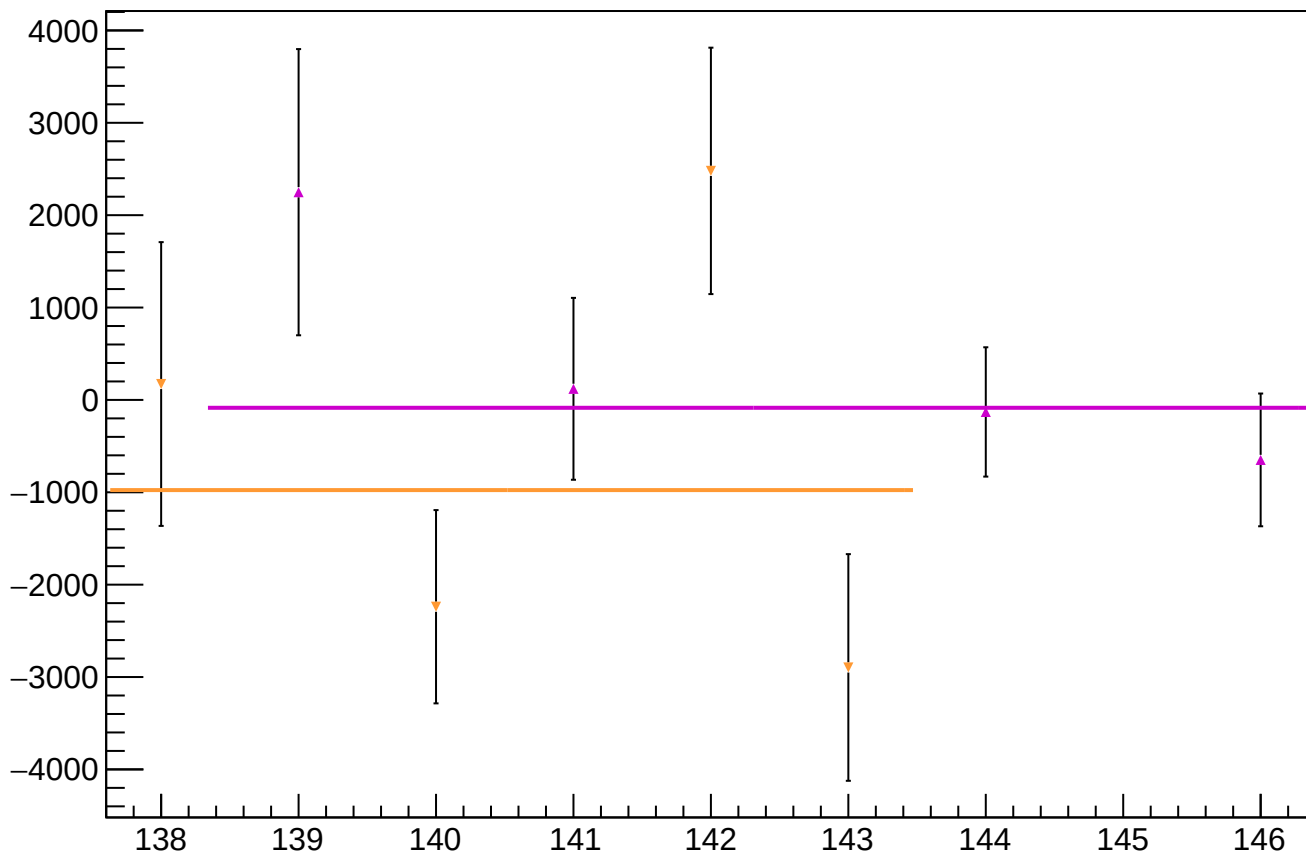
Left In: 131.064+/-0.054 χ^2/NDF : 224210.1/3

129.218+/-0.031 χ^2/NDF : 1393080.7/20

130.101+/-0.022 χ^2/NDF : 3049164.7/44

130.948+/-0.031 χ^2/NDF : 1654544.7/23

asym_sam3_correction_mean vs Slug, Sign Corrected



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

Left Out: -976.286+/-624.539 χ^2/NDF : 11.2/3

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

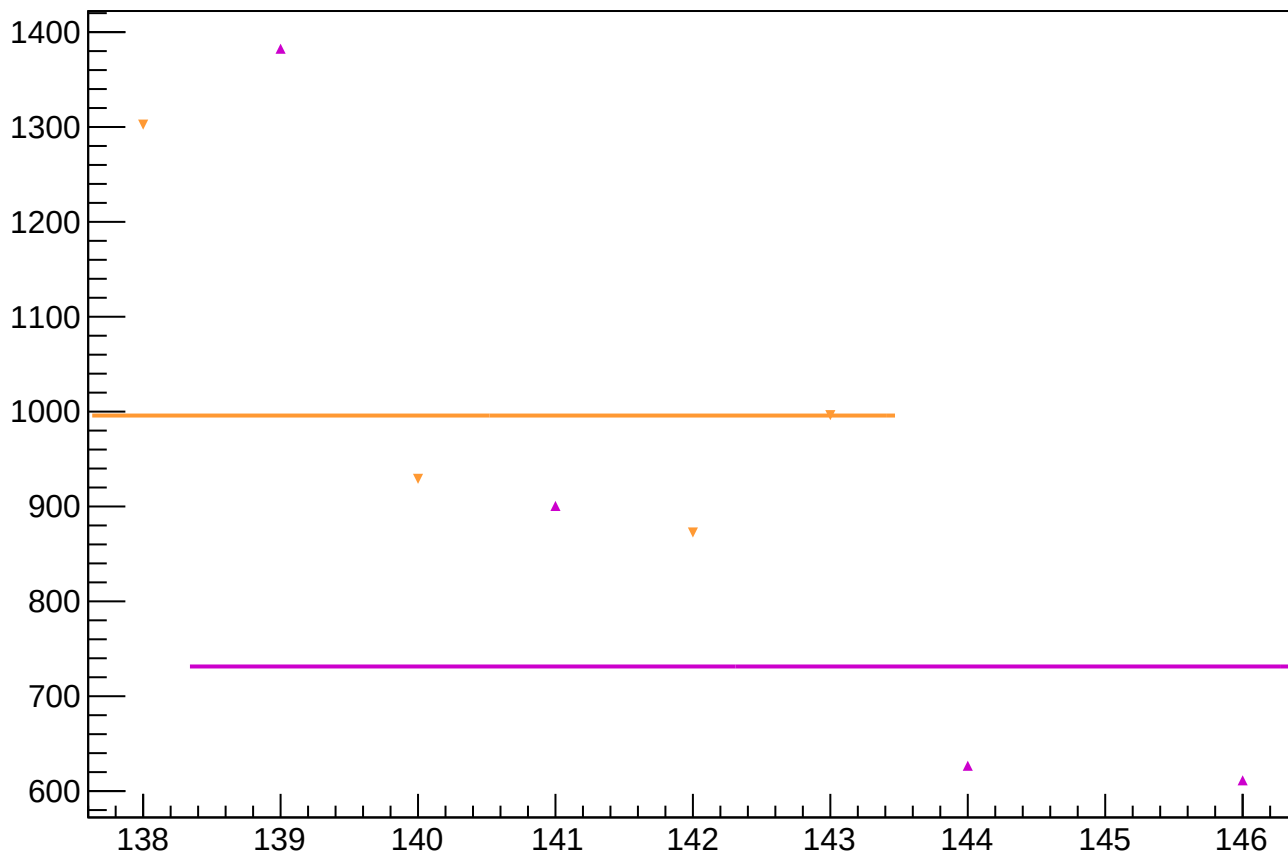
Left In: -85.196+/-429.304 χ^2/NDF : 2.9/3

-976.286+/-624.539 χ^2/NDF : 11.2/3

-371.135+/-353.782 χ^2/NDF : 15.5/7

-85.196+/-429.304 χ^2/NDF : 2.9/3

asym_sam3_correction_rms vs Slug, Sign Corrected



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

Left Out: 995.851+/-0.442 χ^2/NDF : 104919.6/3

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

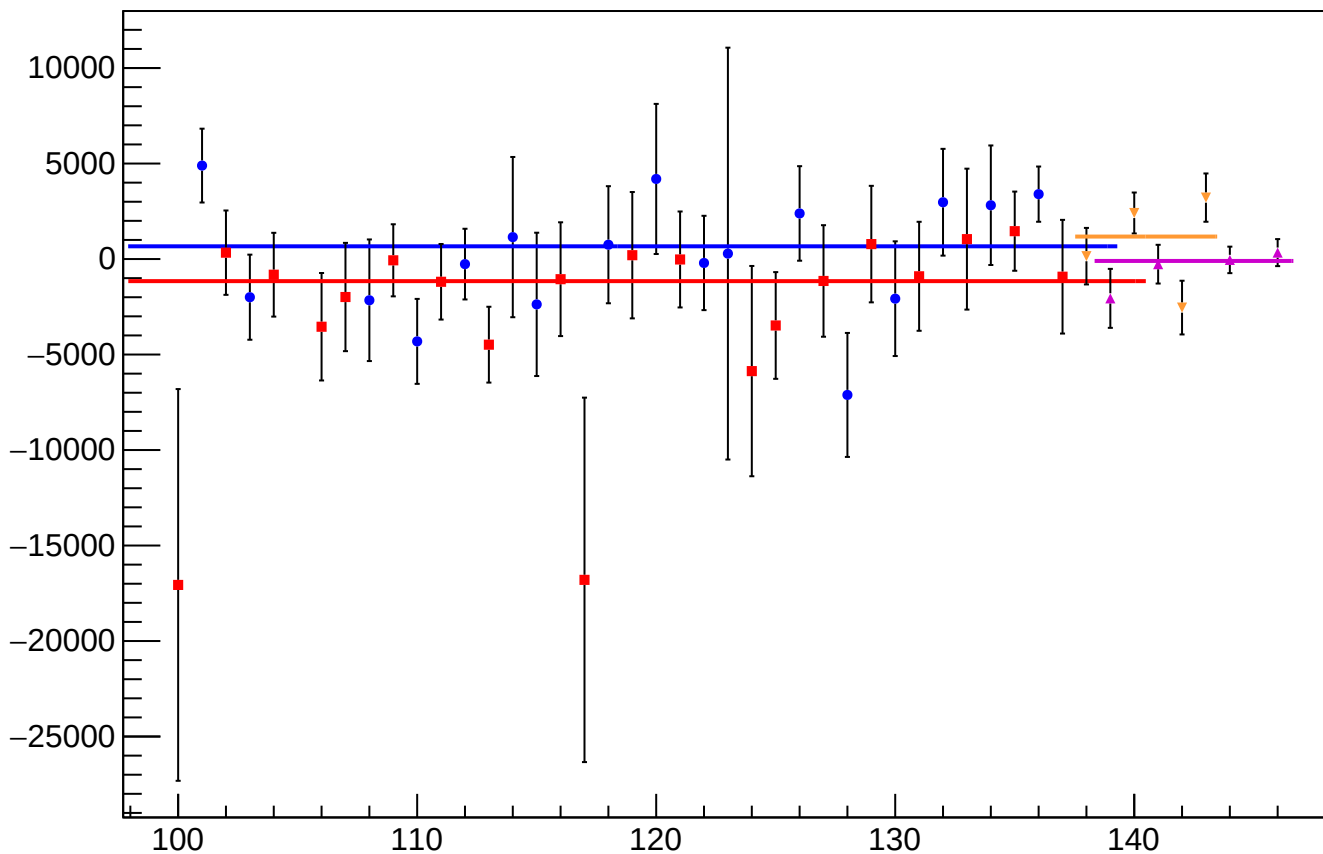
Left In: 731.349+/-0.304 χ^2/NDF : 512897.3/3

995.851+/-0.442 χ^2/NDF : 104919.6/3

816.224+/-0.250 χ^2/NDF : 861435.9/7

731.349+/-0.304 χ^2/NDF : 512897.3/3

asym_sam3_mean vs Slug, Sign Corrected



Right In: 666.453+/-618.839 χ^2/NDF : 25.6/16

Left Out: 1176.851+/-637.853 χ^2/NDF : 11.4/3

Right Out: -1156.676+/-601.441 χ^2/NDF : 13.7/19

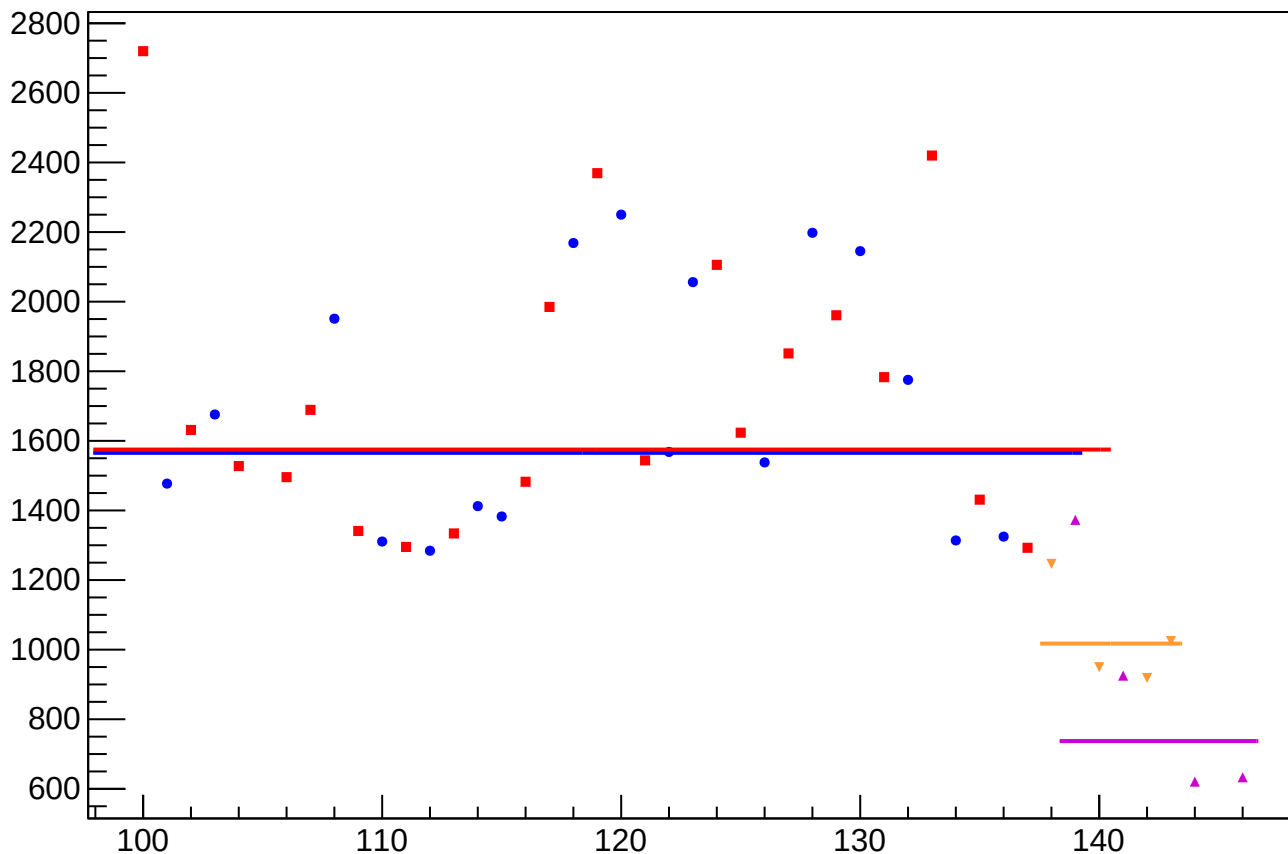
Left In: -99.663+/-427.637 χ^2/NDF : 2.0/3

913.931+/-444.155 χ^2/NDF : 37.4/20

66.924+/-274.185 χ^2/NDF : 61.0/44

-454.599+/-348.520 χ^2/NDF : 17.8/23

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1565.623+/-0.438 χ^2/NDF : 490790.2/16

Left Out: 1017.406+/-0.451 χ^2/NDF : 65874.4/3

Right Out: 1575.001+/-0.425 χ^2/NDF : 465745.9/19

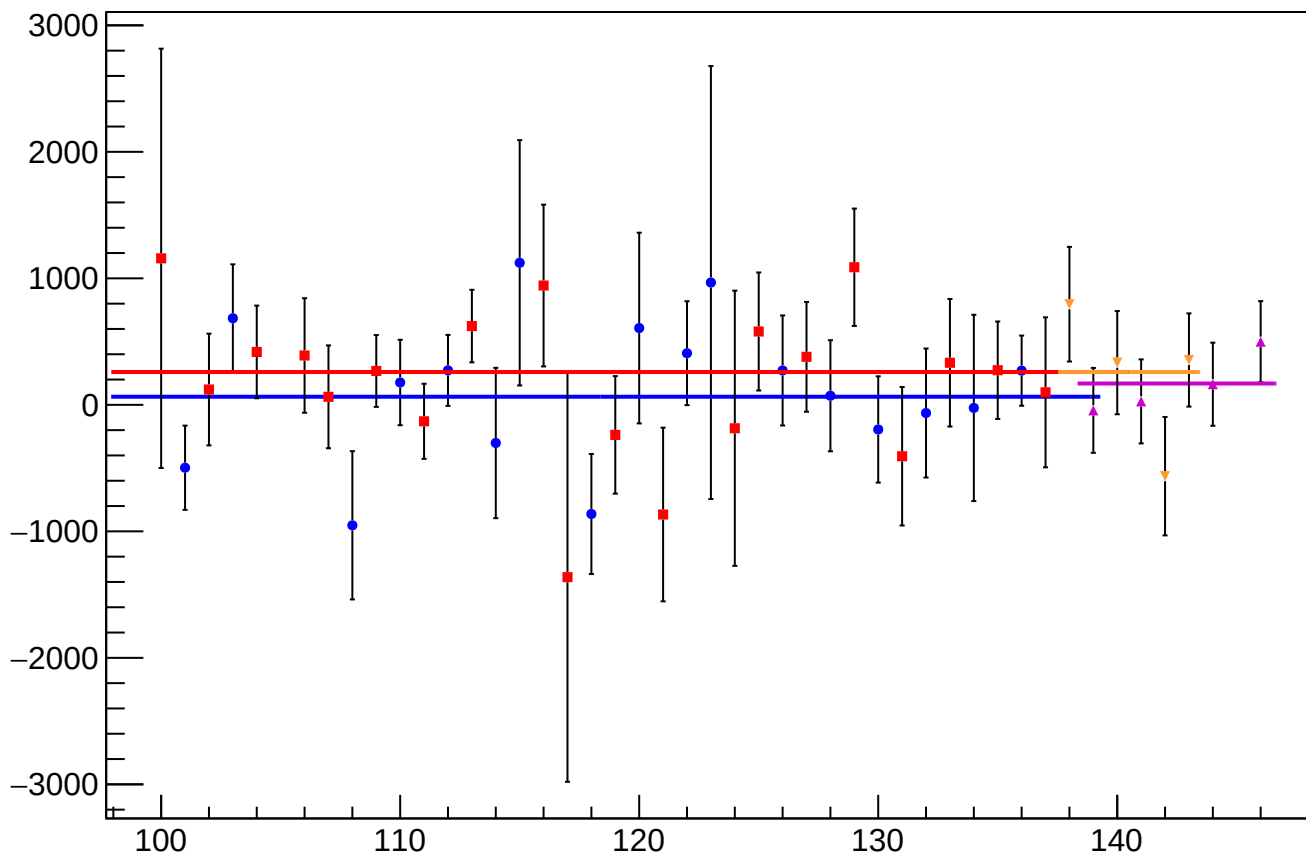
Left In: 737.241+/-0.302 χ^2/NDF : 507643.3/3

1299.807+/-0.314 χ^2/NDF : 1317704.6/20

1125.734+/-0.194 χ^2/NDF : 5364880.7/44

1018.554+/-0.246 χ^2/NDF : 3550825.0/23

dit_asym_sam4_mean vs Slug, Sign Corrected



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

Left Out: 259.265 $\pm$ 209.396 χ^2/NDF : 4.6/3

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

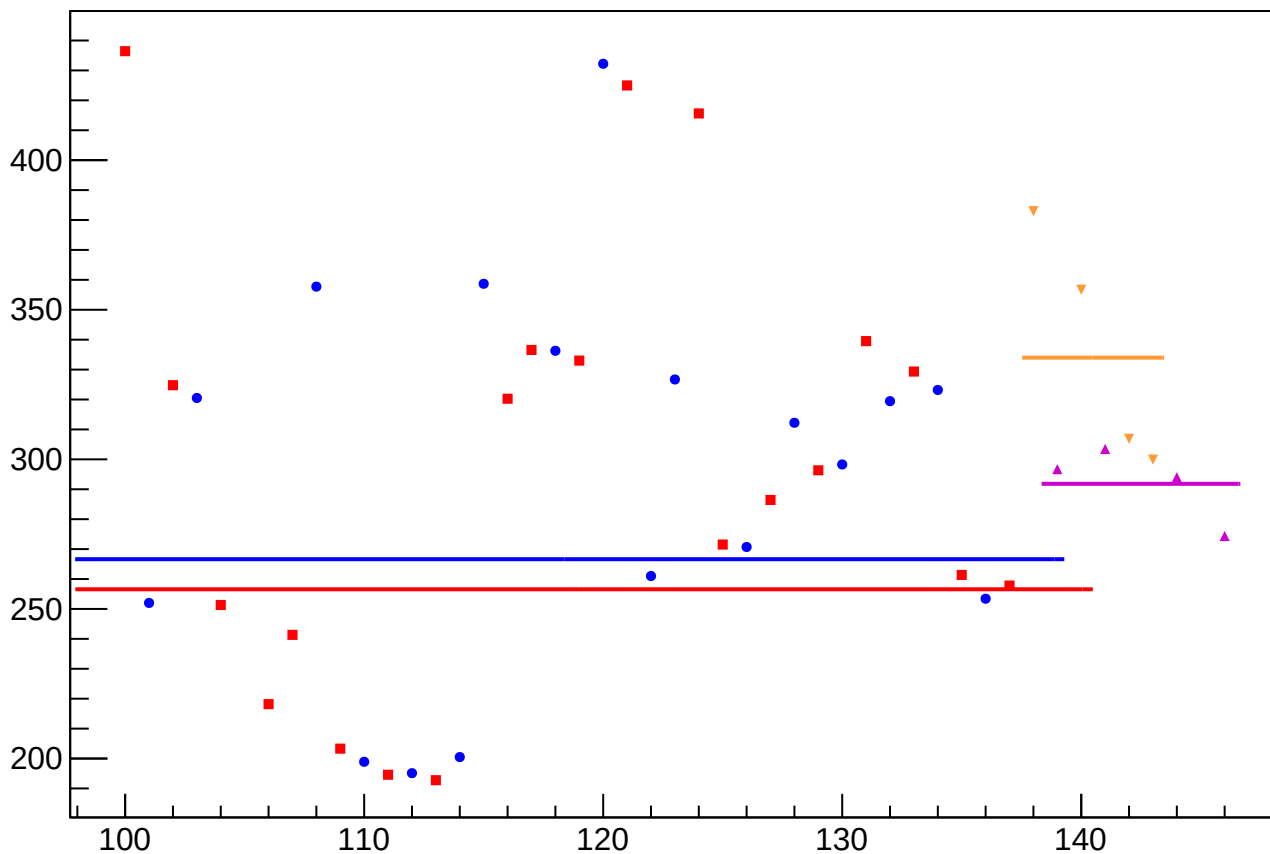
Left In: 168.627 $\pm$ 164.541 χ^2/NDF : 1.6/3

103.504 $\pm$ 94.101 χ^2/NDF : 22.0/20

176.125 $\pm$ 63.056 χ^2/NDF : 40.7/44

235.309 $\pm$ 84.950 χ^2/NDF : 17.6/23

dit_asym_sam4_rms vs Slug, Sign Corrected



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

Left Out: 333.989+/-0.148 χ^2/NDF : 53361.3/3

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

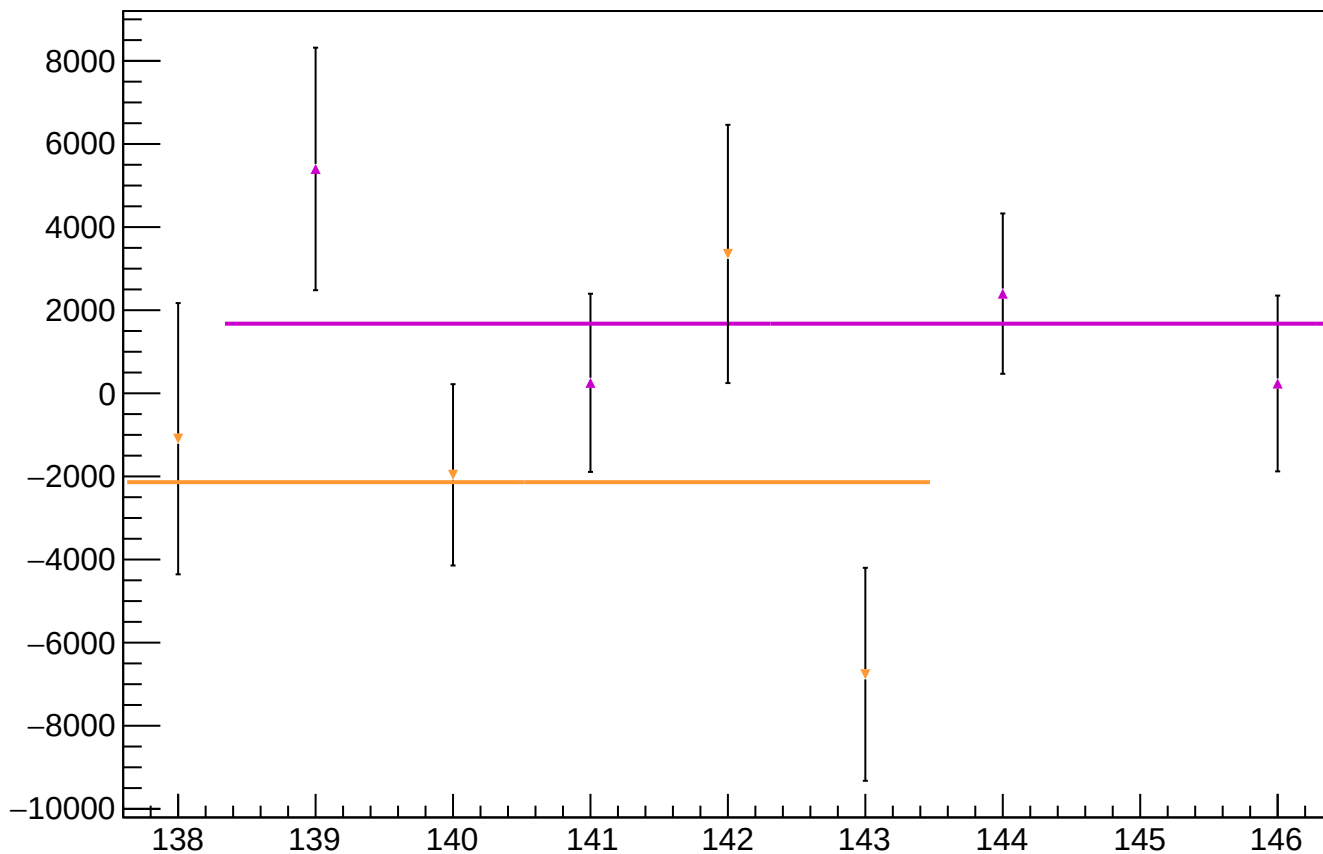
Left In: 291.821+/-0.116 χ^2/NDF : 8903.0/3

280.229+/-0.067 χ^2/NDF : 769302.9/20

272.370+/-0.045 χ^2/NDF : 1572651.2/44

265.966+/-0.060 χ^2/NDF : 778033.8/23

asym_sam4_correction_mean vs Slug, Sign Corrected



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

Left Out: -2138.219+/-1336.478 χ^2/NDF : 6.5/3

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

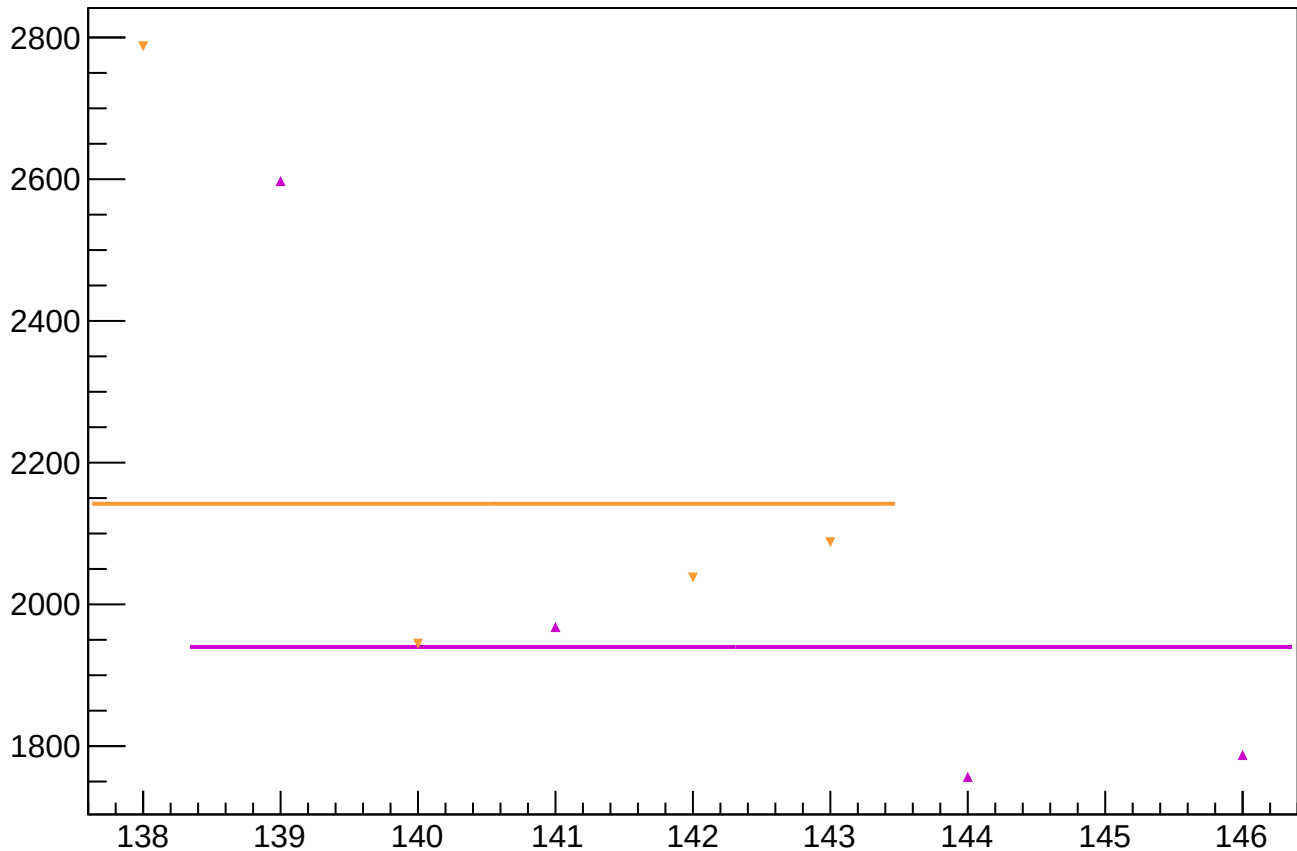
Left In: 1675.872+/-1099.535 χ^2/NDF : 2.7/3

-2138.219+/-1336.478 χ^2/NDF : 6.5/3

136.333+/-849.106 χ^2/NDF : 14.0/7

1675.872+/-1099.535 χ^2/NDF : 2.7/3

asym_sam4_correction_rms vs Slug, Sign Corrected



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

Left Out: 2142.032+/-0.945 χ^2/NDF : 97802.9/3

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

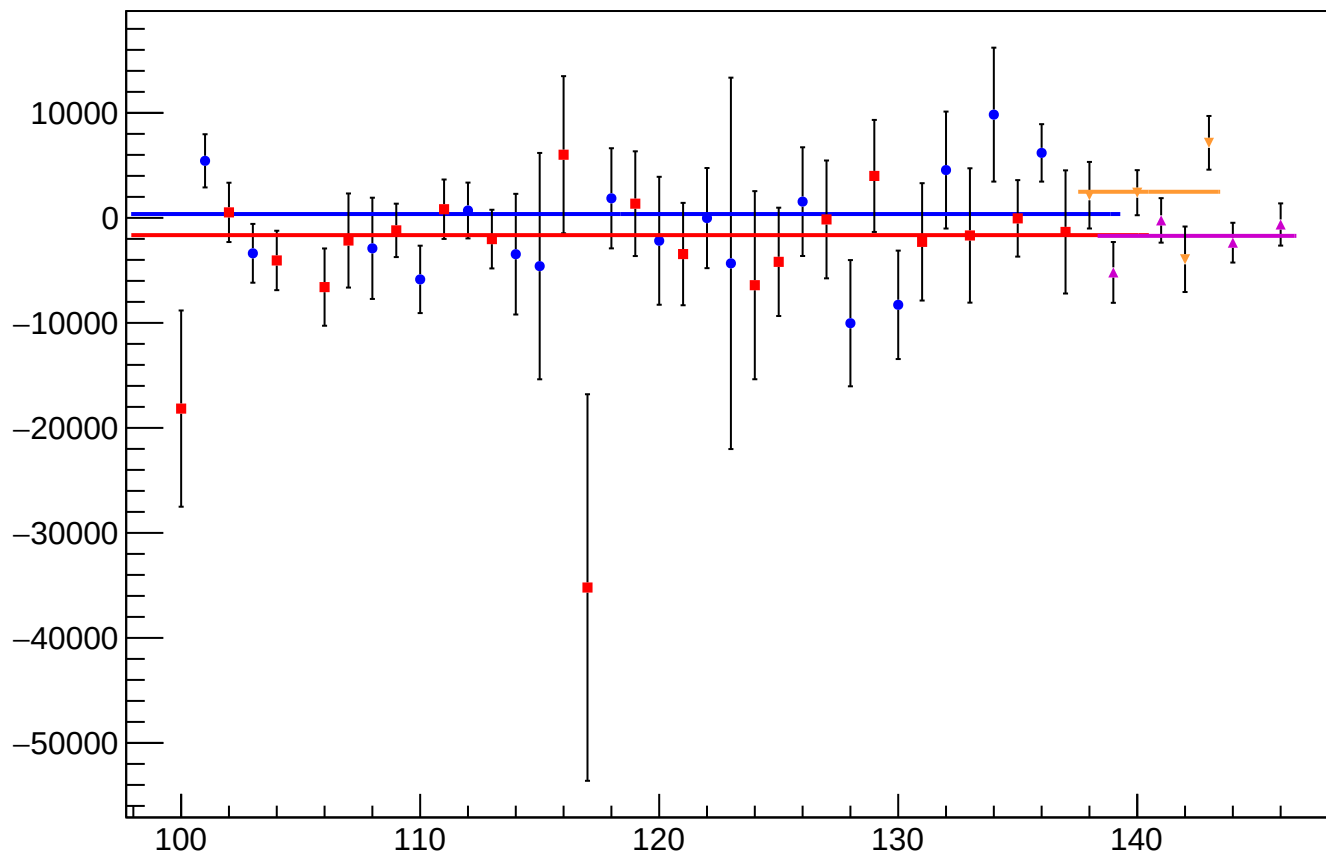
Left In: 1939.917+/-0.777 χ^2/NDF : 130293.0/3

2142.032+/-0.945 χ^2/NDF : 97802.9/3

2021.499+/-0.600 χ^2/NDF : 255373.7/7

1939.917+/-0.777 χ^2/NDF : 130293.0/3

asym_sam4_mean vs Slug, Sign Corrected



Right In: 366.454+/-992.480 χ^2/NDF : 24.2/16

Left Out: 2487.155+/-1321.769 χ^2/NDF : 7.6/3

Right Out: -1641.960+/-922.841 χ^2/NDF : 13.9/19

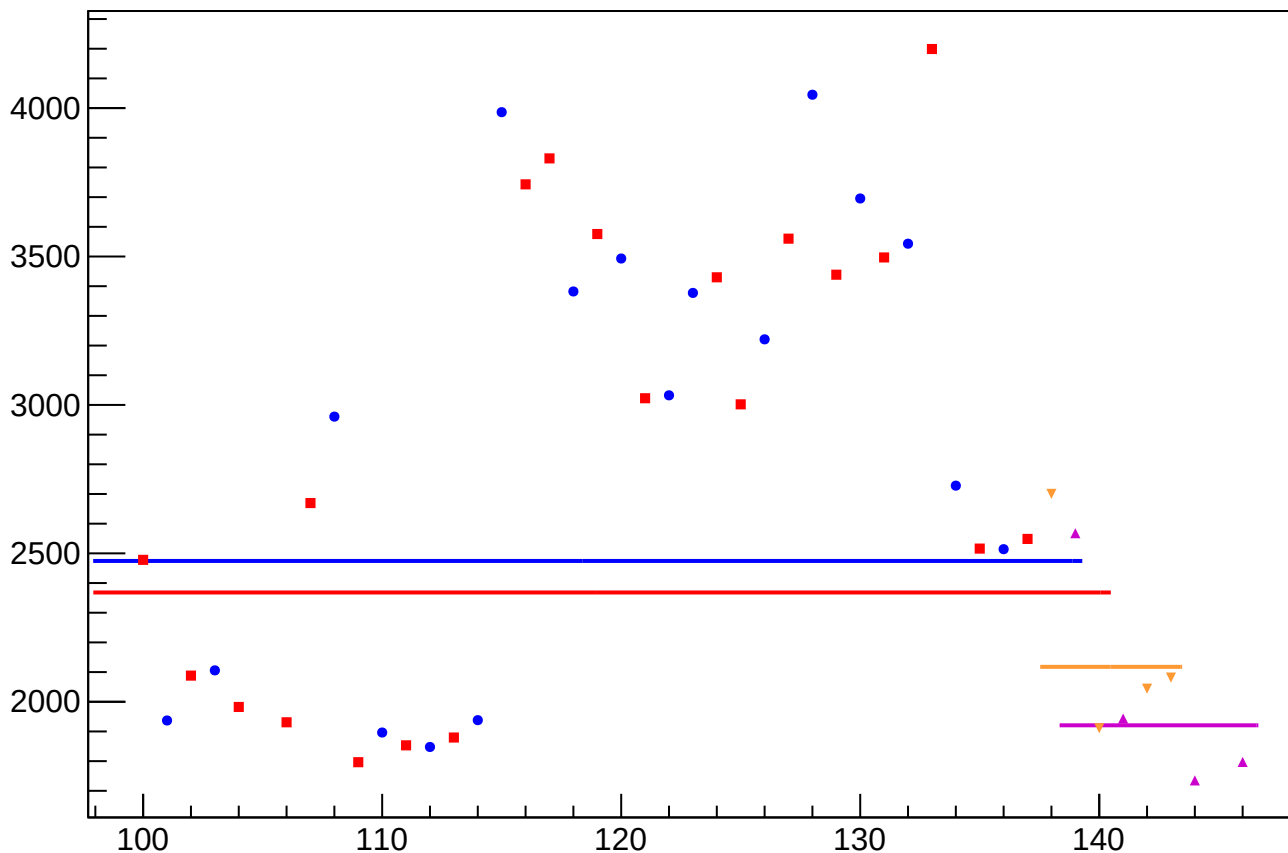
Left In: -1712.406+/-1073.115 χ^2/NDF : 2.3/3

1131.043+/-793.652 χ^2/NDF : 33.4/20

-446.088+/-524.851 χ^2/NDF : 56.6/44

-1671.909+/-699.696 χ^2/NDF : 16.2/23

asym_sam4_rms vs Slug, Sign Corrected



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

Left Out: 2117.667 $\pm$ 0.935 χ^2/NDF : 87654.8/3

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

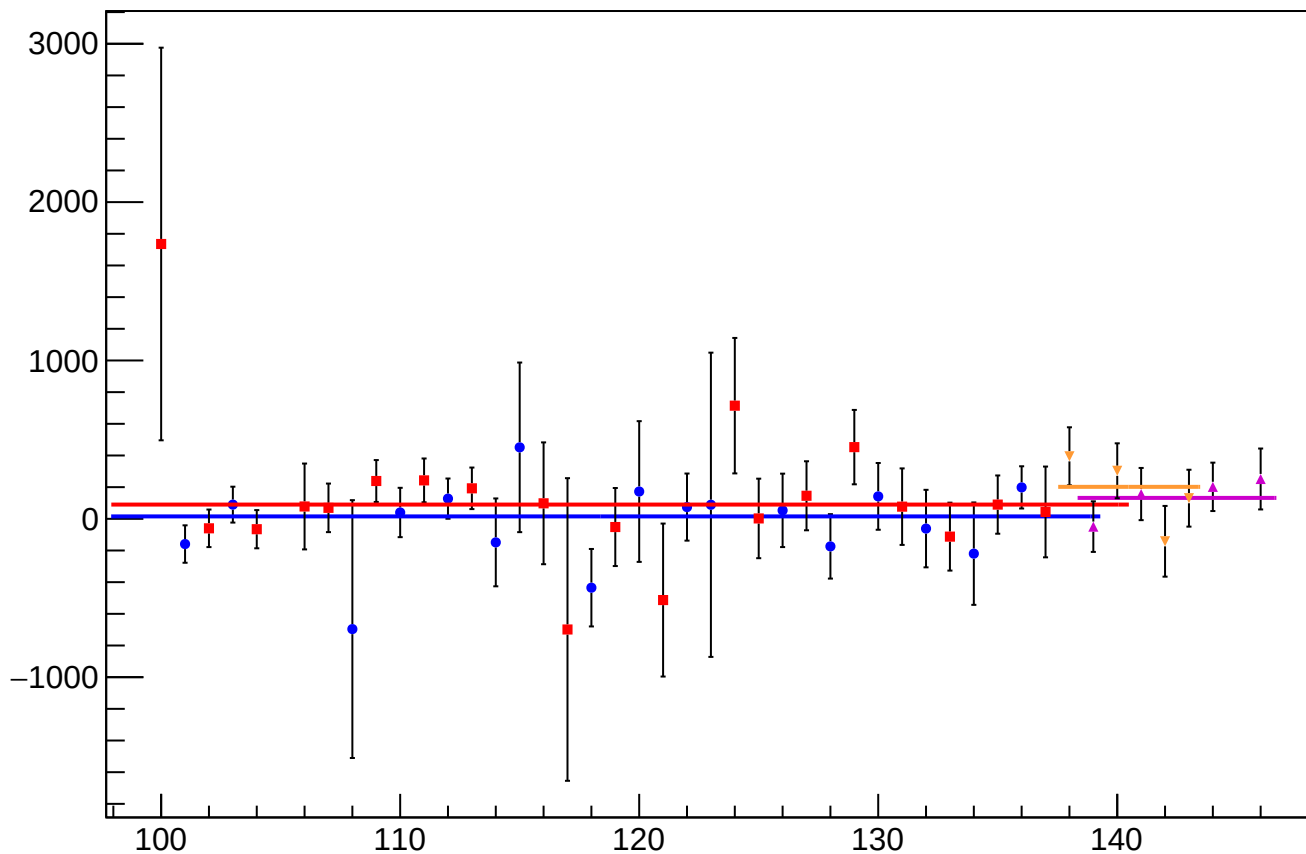
Left In: 1920.742 $\pm$ 0.759 χ^2/NDF : 126908.6/3

2345.778 $\pm$ 0.561 χ^2/NDF : 1087069.3/20

2251.355 $\pm$ 0.371 χ^2/NDF : 2500239.8/44

2177.966 $\pm$ 0.495 χ^2/NDF : 1362858.9/23

dit_asym_sam5_mean vs Slug, Sign Corrected



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

Left Out: 201.976+/-93.633 χ^2/NDF : 4.0/3

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

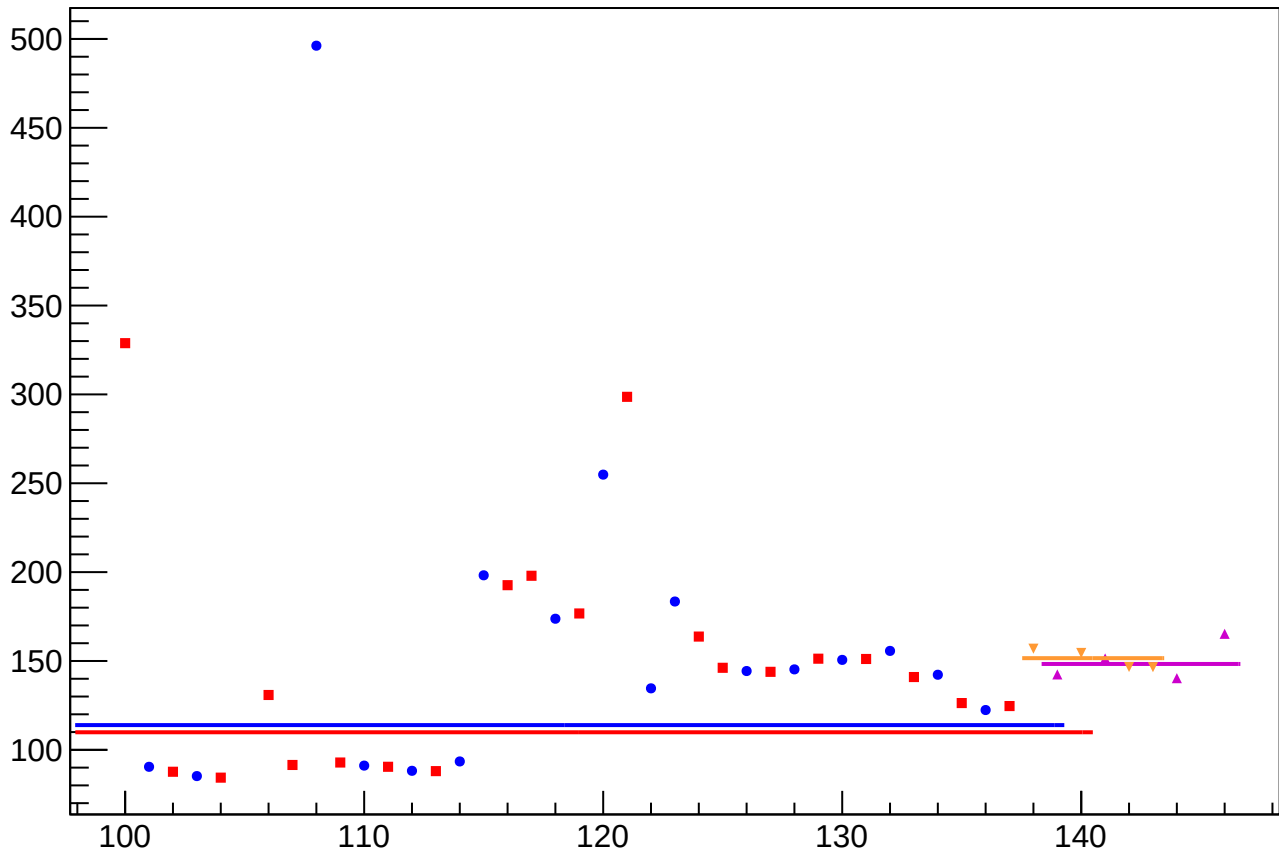
Left In: 132.126+/-82.800 χ^2/NDF : 1.9/3

52.162+/-41.606 χ^2/NDF : 19.7/20

77.510+/-28.199 χ^2/NDF : 38.9/44

99.048+/-38.352 χ^2/NDF : 18.5/23

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.932 +/- 0.033 χ^2/NDF : 1407849.3/16

Left Out: 151.588 +/- 0.066 χ^2/NDF : 4839.4/3

Right Out: 109.890 +/- 0.031 χ^2/NDF : 1259035.3/19

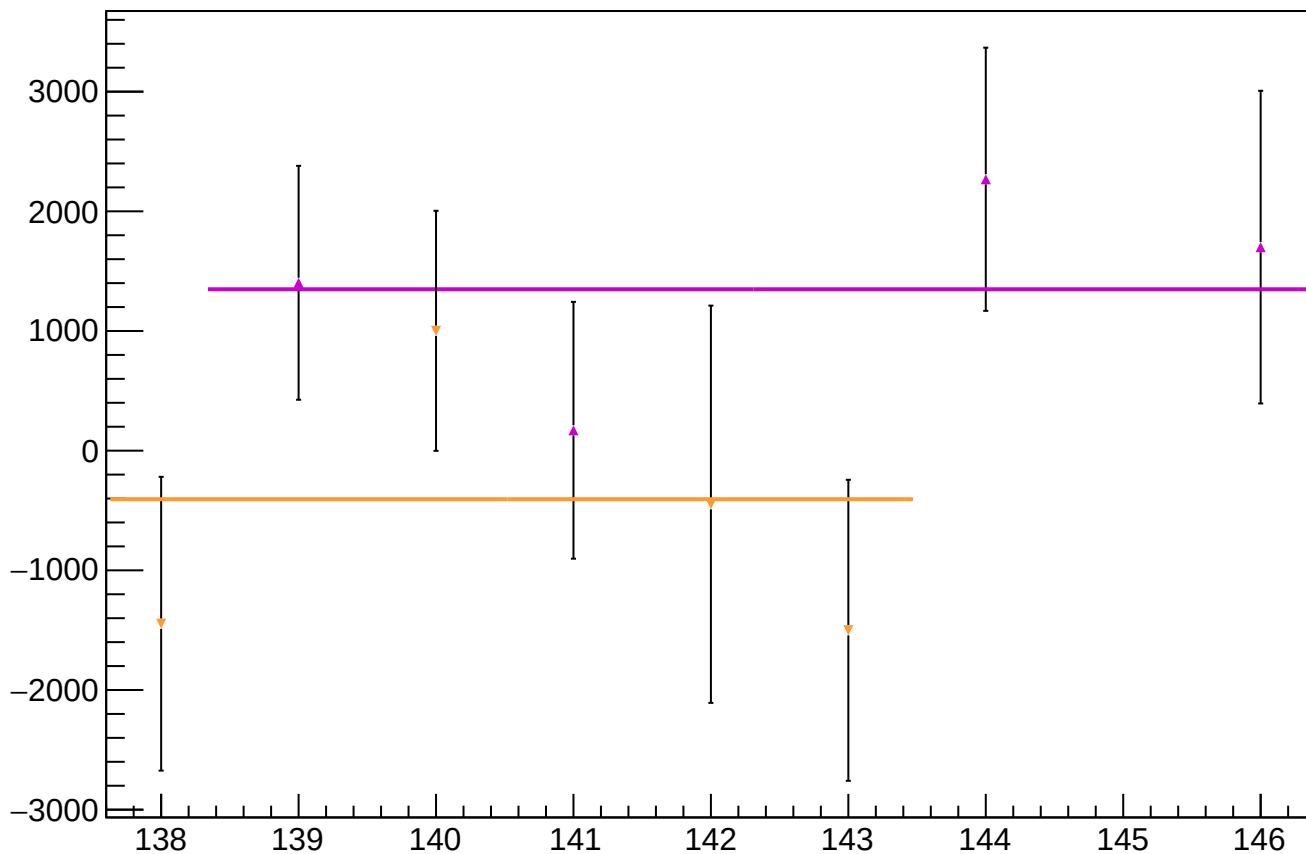
Left In: 148.326 +/- 0.059 χ^2/NDF : 24453.6/3

121.367 +/- 0.029 χ^2/NDF : 1672293.6/20

119.621 +/- 0.020 χ^2/NDF : 3300809.9/44

118.137 +/- 0.027 χ^2/NDF : 1621998.0/23

asym_sam5_correction_mean vs Slug, Sign Corrected



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

Left Out: -405.542+/-613.948 χ^2/NDF : 3.4/3

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

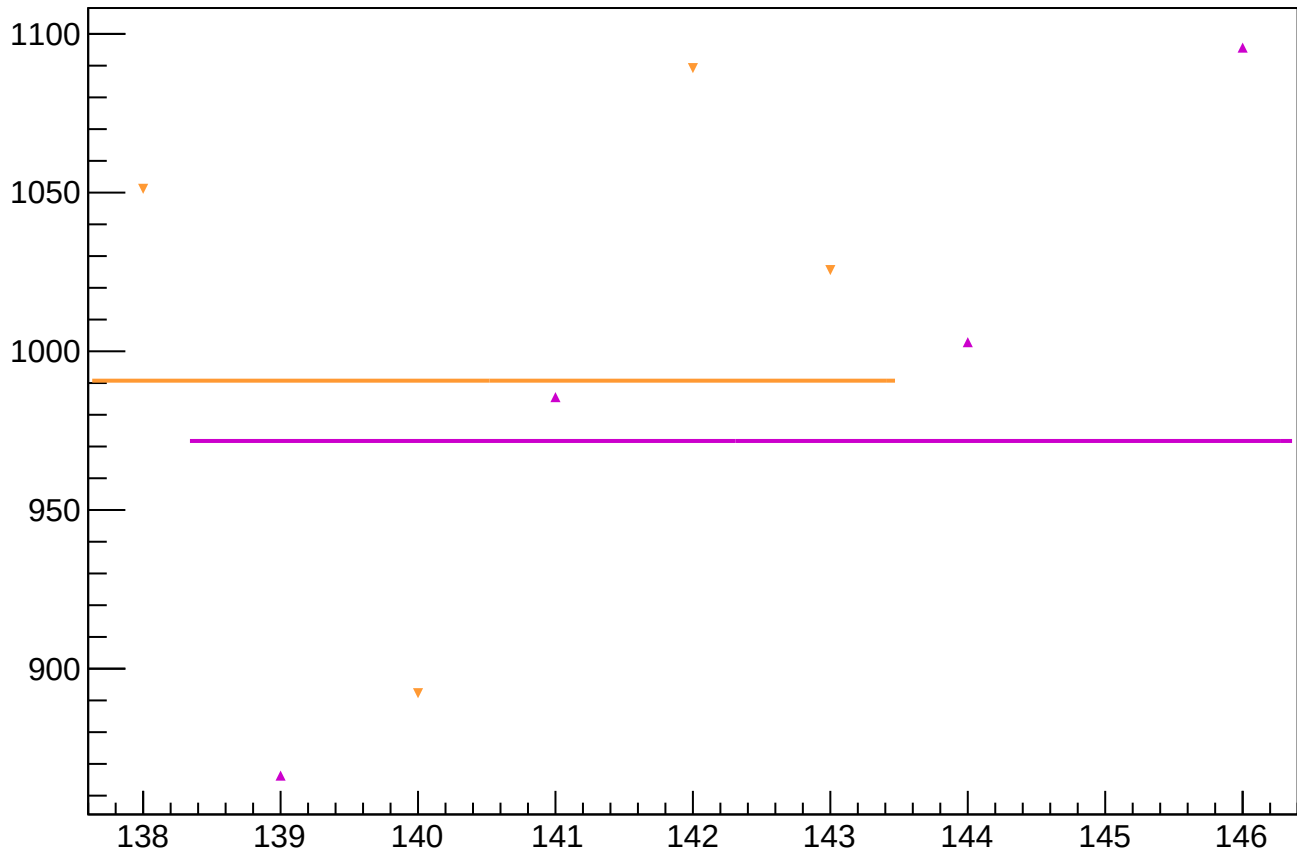
Left In: 1348.609+/-548.131 χ^2/NDF : 2.0/3

-405.542+/-613.948 χ^2/NDF : 3.4/3

570.566+/-408.884 χ^2/NDF : 10.0/7

1348.609+/-548.131 χ^2/NDF : 2.0/3

asym_sam5_correction_rms vs Slug, Sign Corrected



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

Left Out: 990.746+/-0.434 χ^2/NDF : 32703.1/3

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

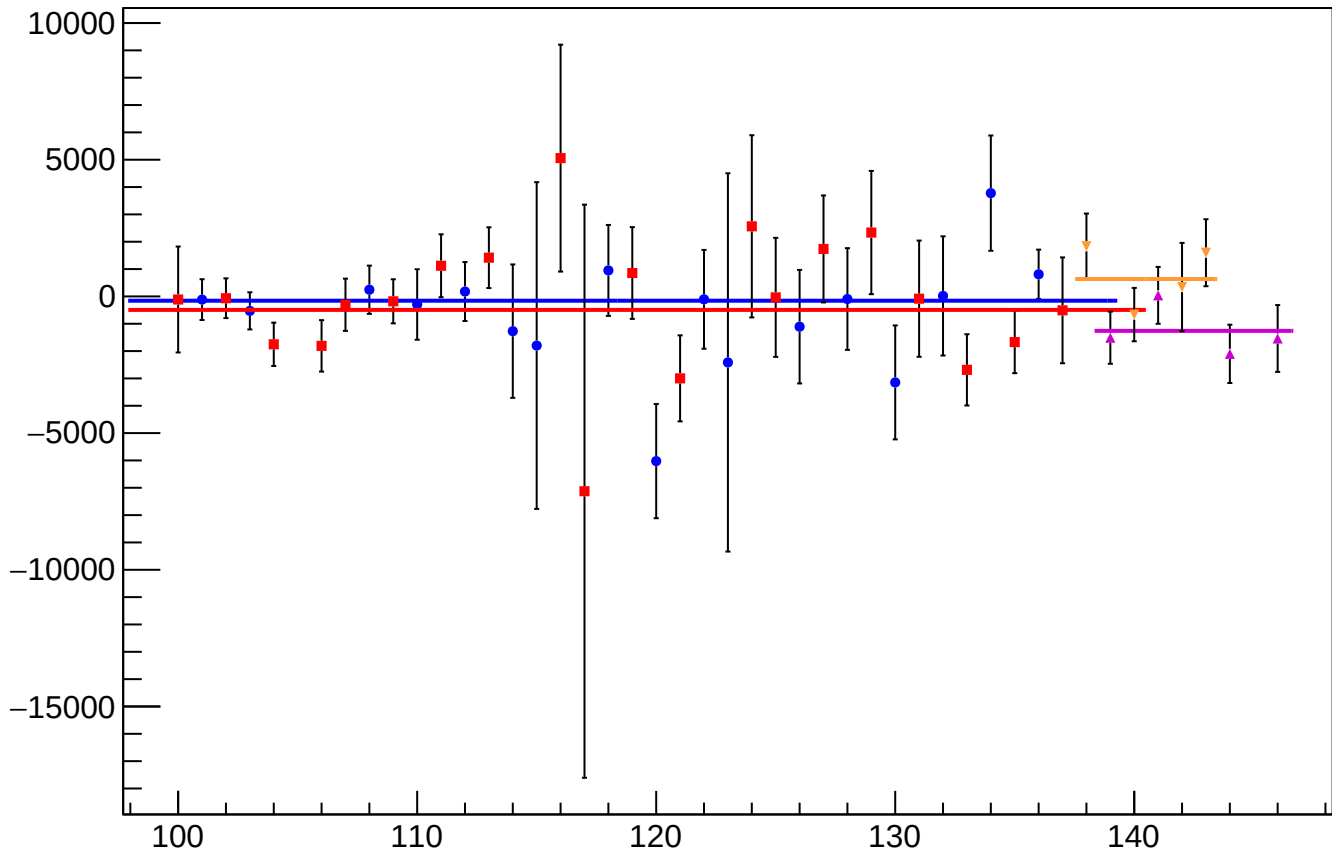
Left In: 971.749+/-0.388 χ^2/NDF : 43209.7/3

990.746+/-0.434 χ^2/NDF : 32703.1/3

980.175+/-0.289 χ^2/NDF : 76978.4/7

971.749+/-0.388 χ^2/NDF : 43209.7/3

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178 $\pm$ 312.499 χ^2/NDF : 16.2/16

Left Out: 635.716 $\pm$ 597.738 χ^2/NDF : 3.4/3

Right Out: -493.409 $\pm$ 282.656 χ^2/NDF : 23.0/19

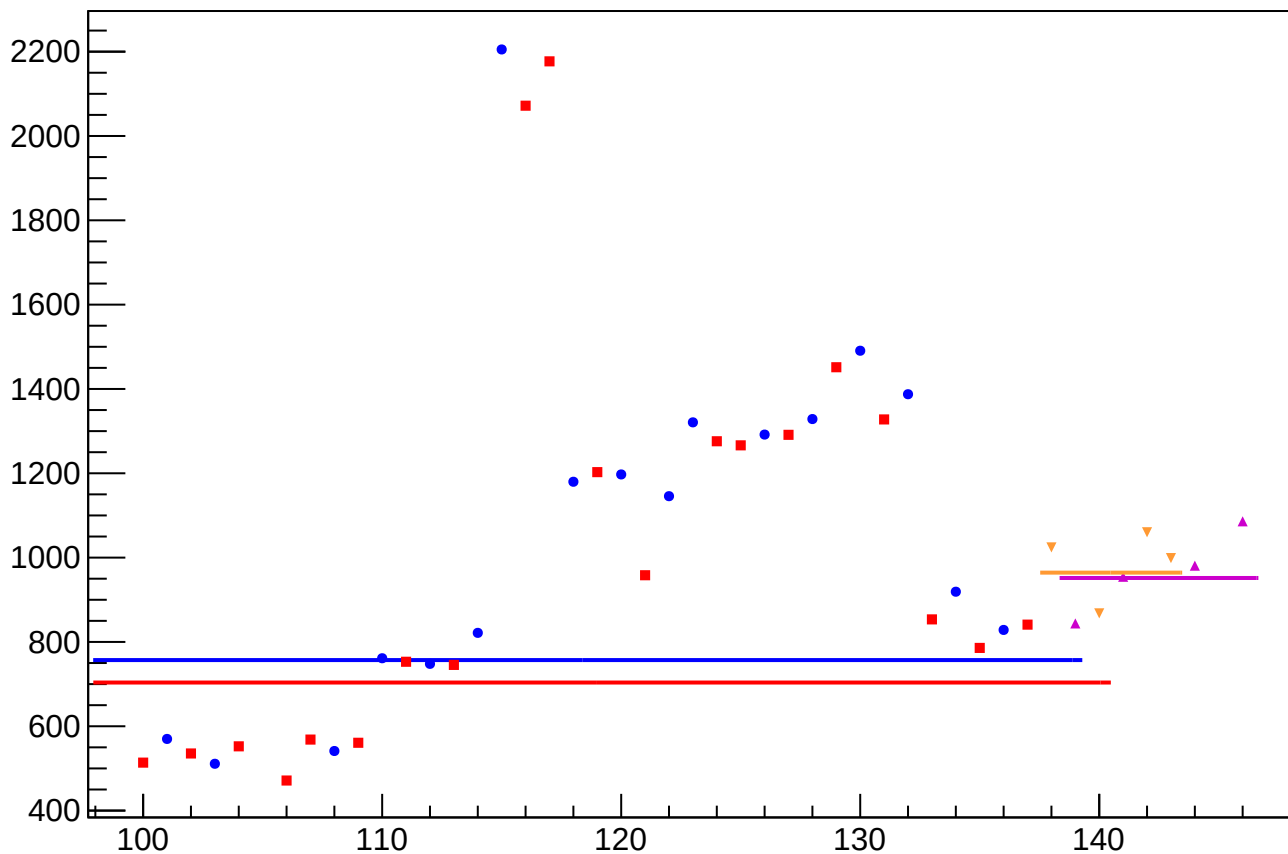
Left In: -1259.858 $\pm$ 529.036 χ^2/NDF : 2.3/3

13.019 $\pm$ 276.936 χ^2/NDF : 21.1/20

-360.729 $\pm$ 185.286 χ^2/NDF : 51.3/44

-663.613 $\pm$ 249.304 χ^2/NDF : 27.0/23

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985 $\pm$ 0.221 χ^2 /NDF: 1711285.9/16

Left Out: 964.392 $\pm$ 0.423 χ^2 /NDF:33218.1/3

Right Out: 703.728 $\pm$ 0.200 χ^2 /NDF: 1729114.9/19

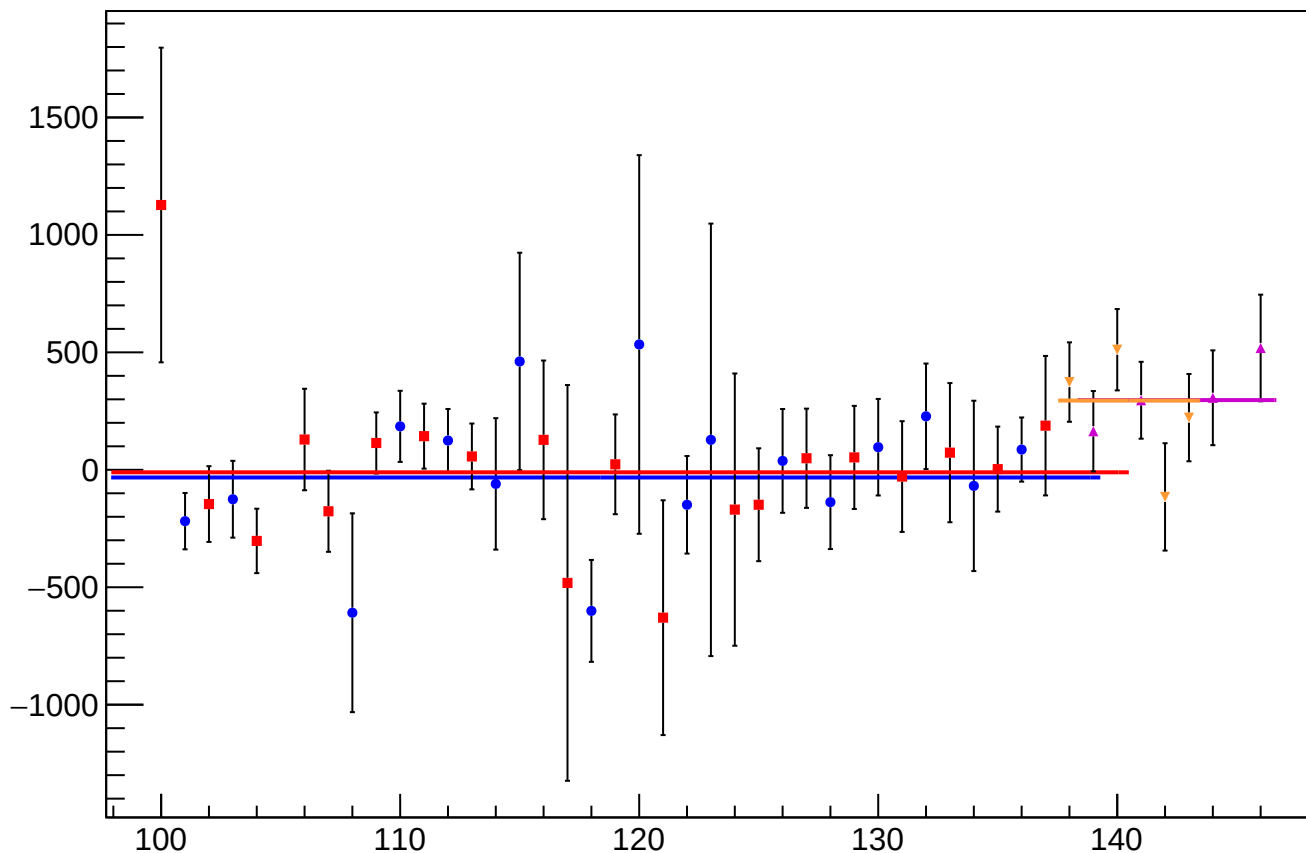
Left In: 951.685 $\pm$ 0.374 χ^2 /NDF:51216.1/3

801.506 $\pm$ 0.196 χ^2 /NDF: 1933614.9/20

777.912 $\pm$ 0.131 χ^2 /NDF: 4082012.9/44

758.791 $\pm$ 0.176 χ^2 /NDF: 2122116.9/23

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694 $\pm$ 48.431 χ^2/NDF : 19.7/16

Left Out: 294.948 $\pm$ 92.674 χ^2/NDF : 5.2/3

Right Out: -10.656 $\pm$ 45.533 χ^2/NDF : 15.0/19

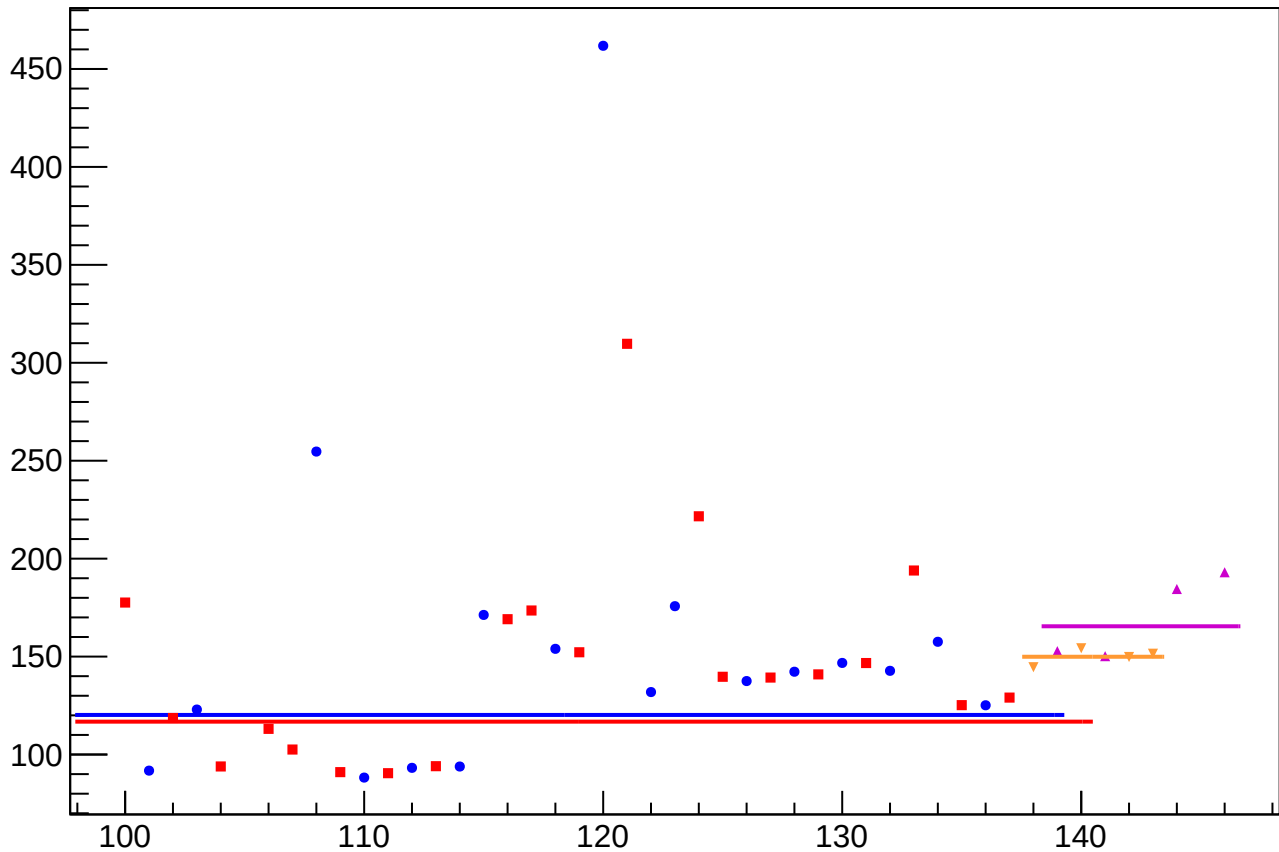
Left In: 296.759 $\pm$ 93.082 χ^2/NDF : 1.6/3

37.591 $\pm$ 42.923 χ^2/NDF : 34.7/20

43.414 $\pm$ 29.611 χ^2/NDF : 60.1/44

48.701 $\pm$ 40.902 χ^2/NDF : 25.4/23

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207 $\pm$ 0.034 χ^2/NDF : 1062326.6/16

Left Out: 149.917 $\pm$ 0.066 χ^2/NDF : 3389.4/3

Right Out: 116.784 $\pm$ 0.032 χ^2/NDF : 1007058.0/19

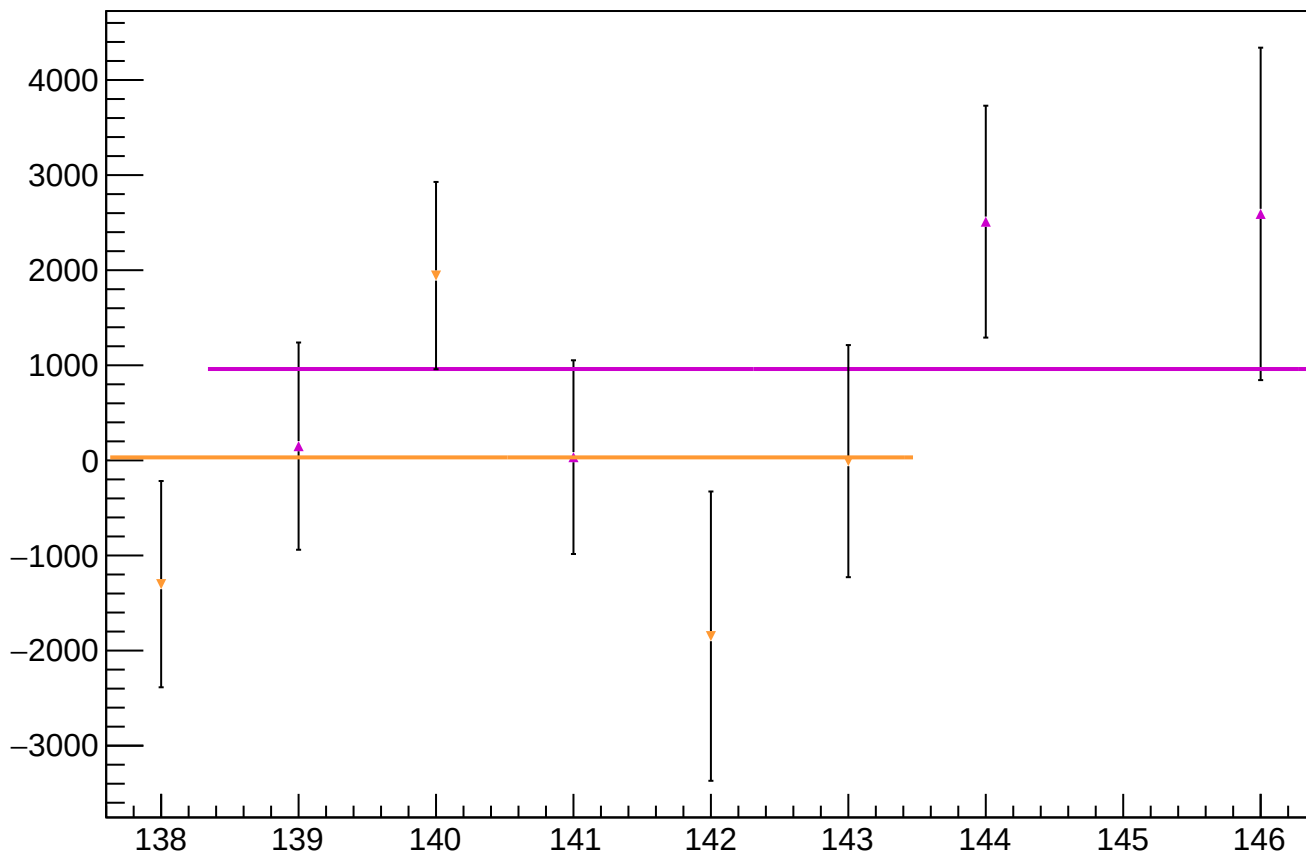
Left In: 165.476 $\pm$ 0.066 χ^2/NDF : 75685.1/3

126.580 $\pm$ 0.030 χ^2/NDF : 1227176.7/20

126.373 $\pm$ 0.021 χ^2/NDF : 2751608.7/44

126.186 $\pm$ 0.029 χ^2/NDF : 1524343.5/23

asym_sam6_correction_mean vs Slug, Sign Corrected



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

Left Out: 31.552+/-578.779 χ^2/NDF : 6.8/3

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

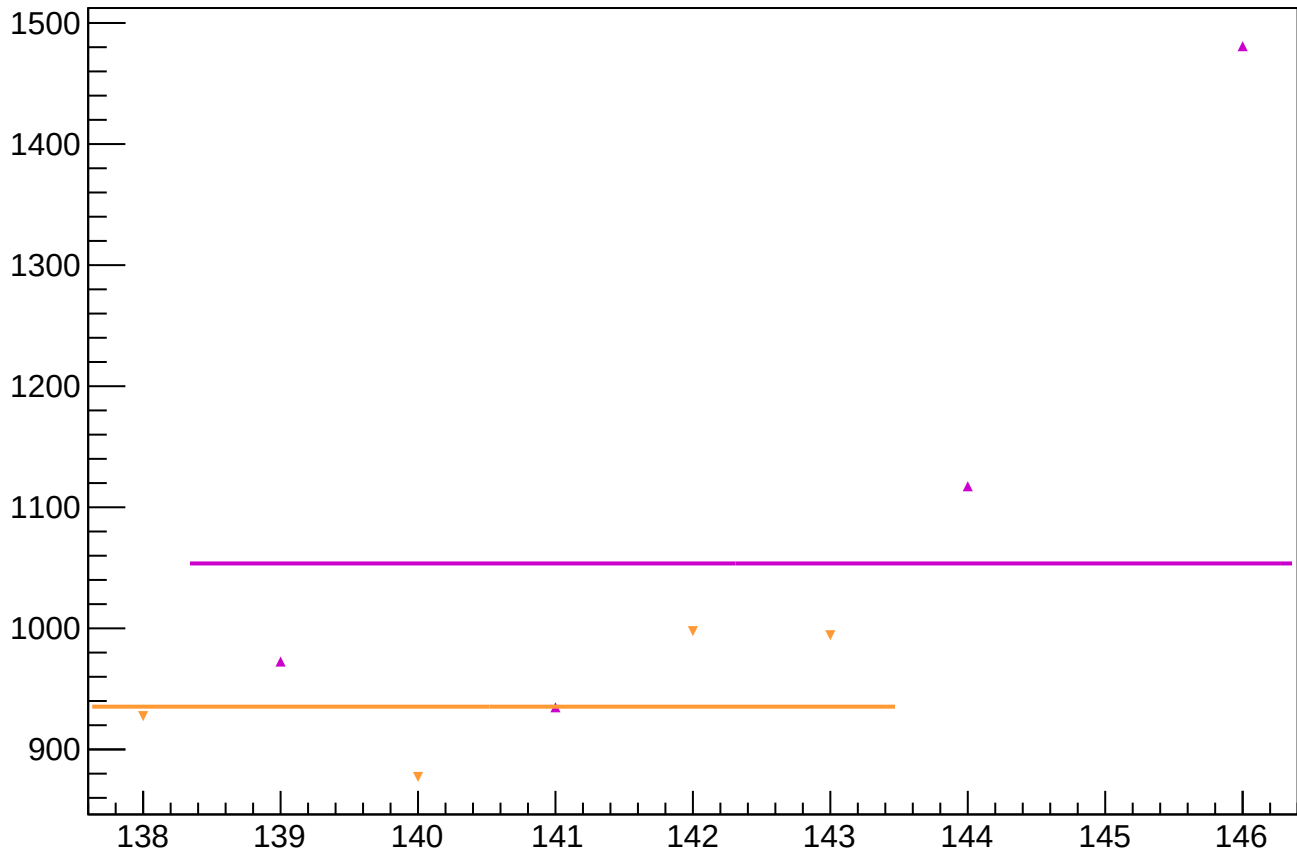
Left In: 960.842+/-596.950 χ^2/NDF : 3.9/3

31.552+/-578.779 χ^2/NDF : 6.8/3

481.837+/-415.534 χ^2/NDF : 11.9/7

960.842+/-596.950 χ^2/NDF : 3.9/3

asym_sam6_correction_rms vs Slug, Sign Corrected



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

Left Out: 935.324+/-0.409 χ^2/NDF : 15087.9/3

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

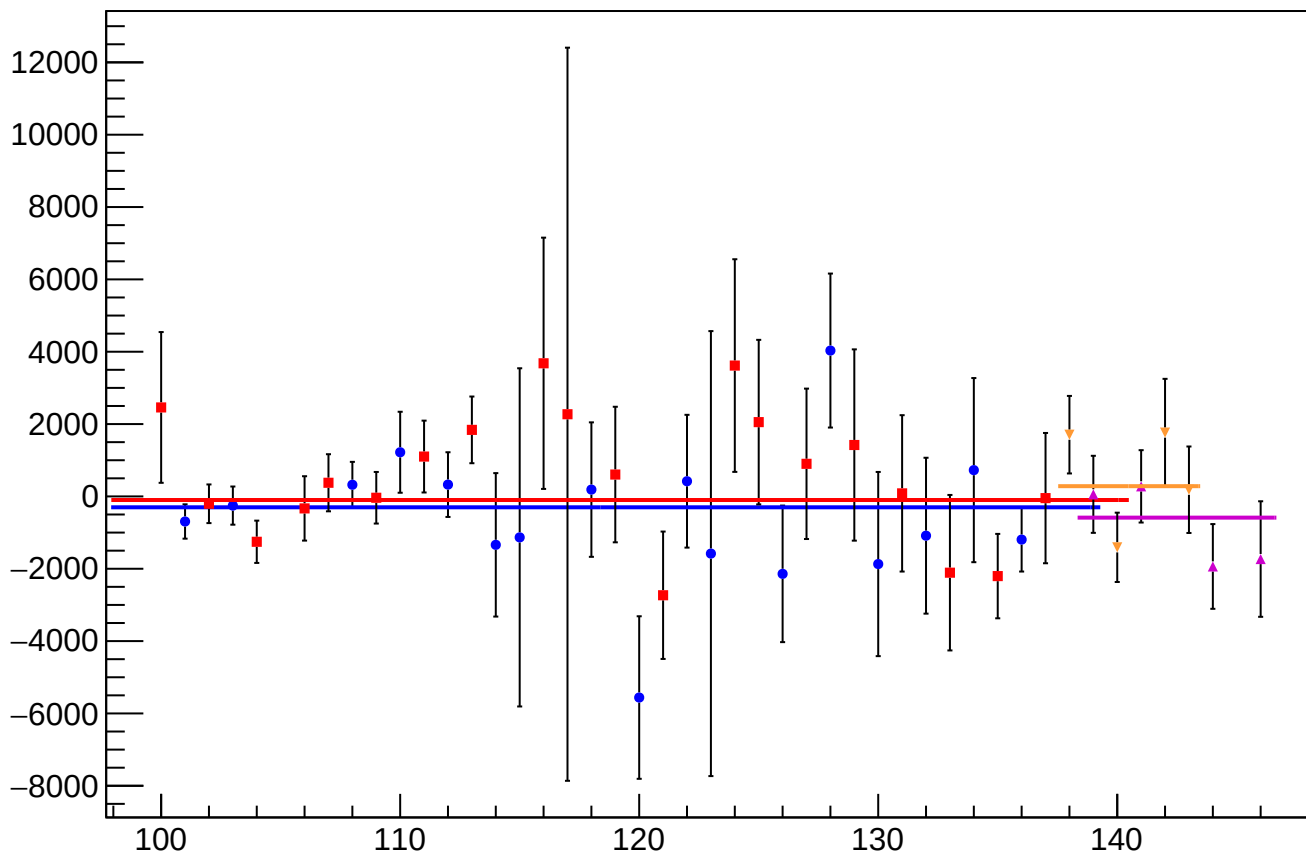
Left In: 1053.616+/-0.422 χ^2/NDF : 163217.9/3

935.324+/-0.409 χ^2/NDF : 15087.9/3

992.642+/-0.294 χ^2/NDF : 218786.8/7

1053.616+/-0.422 χ^2/NDF : 163217.9/3

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000 $\pm$ 250.042 χ^2/NDF : 16.8/16

Left Out: 282.883 $\pm$ 566.810 χ^2/NDF : 5.9/3

Right Out: -99.460 $\pm$ 245.908 χ^2/NDF : 22.6/19

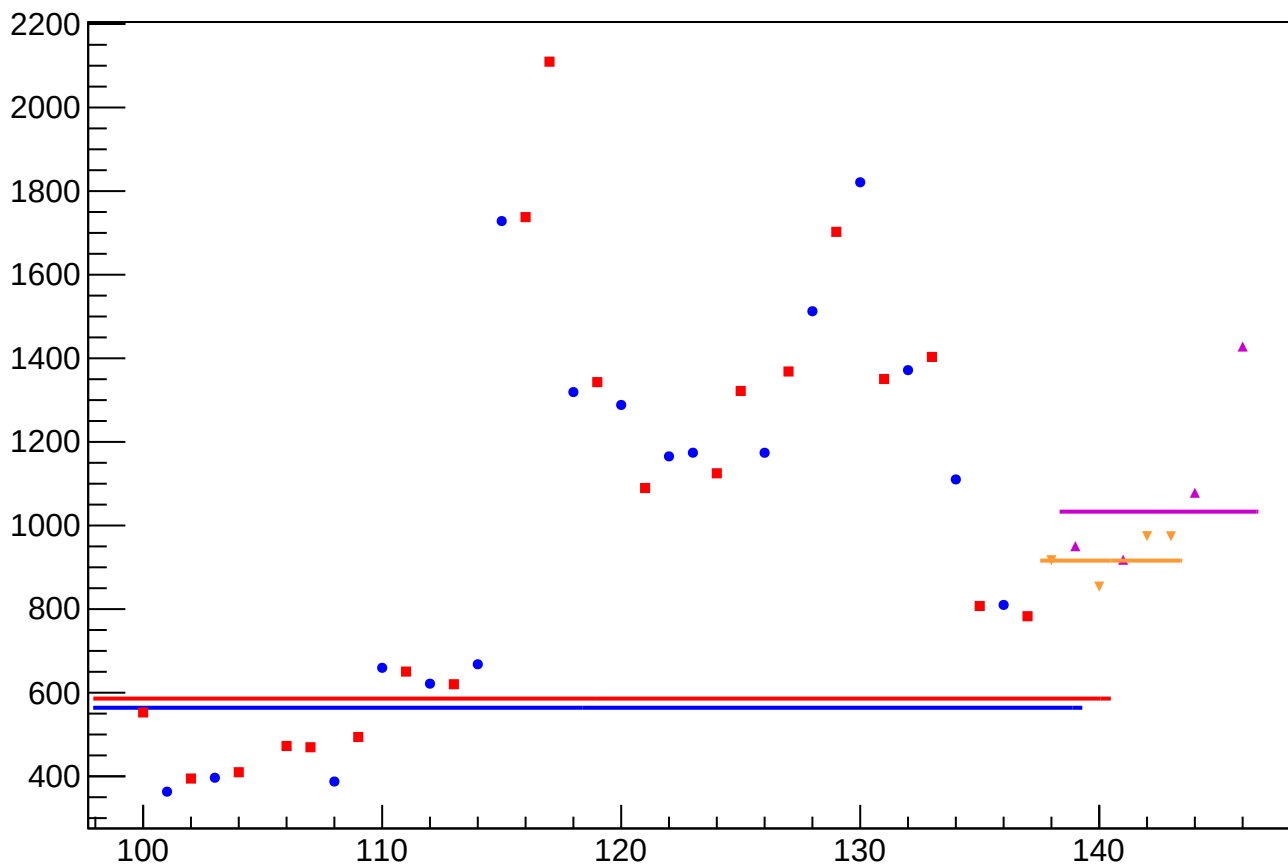
Left In: -586.723 $\pm$ 577.170 χ^2/NDF : 3.0/3

-205.884 $\pm$ 228.771 χ^2/NDF : 23.6/20

-189.927 $\pm$ 160.860 χ^2/NDF : 49.8/44

-174.322 $\pm$ 226.231 χ^2/NDF : 26.1/23

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003 $\pm$ 0.177 χ^2/NDF : 3261491.3/16

Left Out: 916.055 $\pm$ 0.401 χ^2/NDF : 16272.8/3

Right Out: 585.967 $\pm$ 0.174 χ^2/NDF : 2866076.4/19

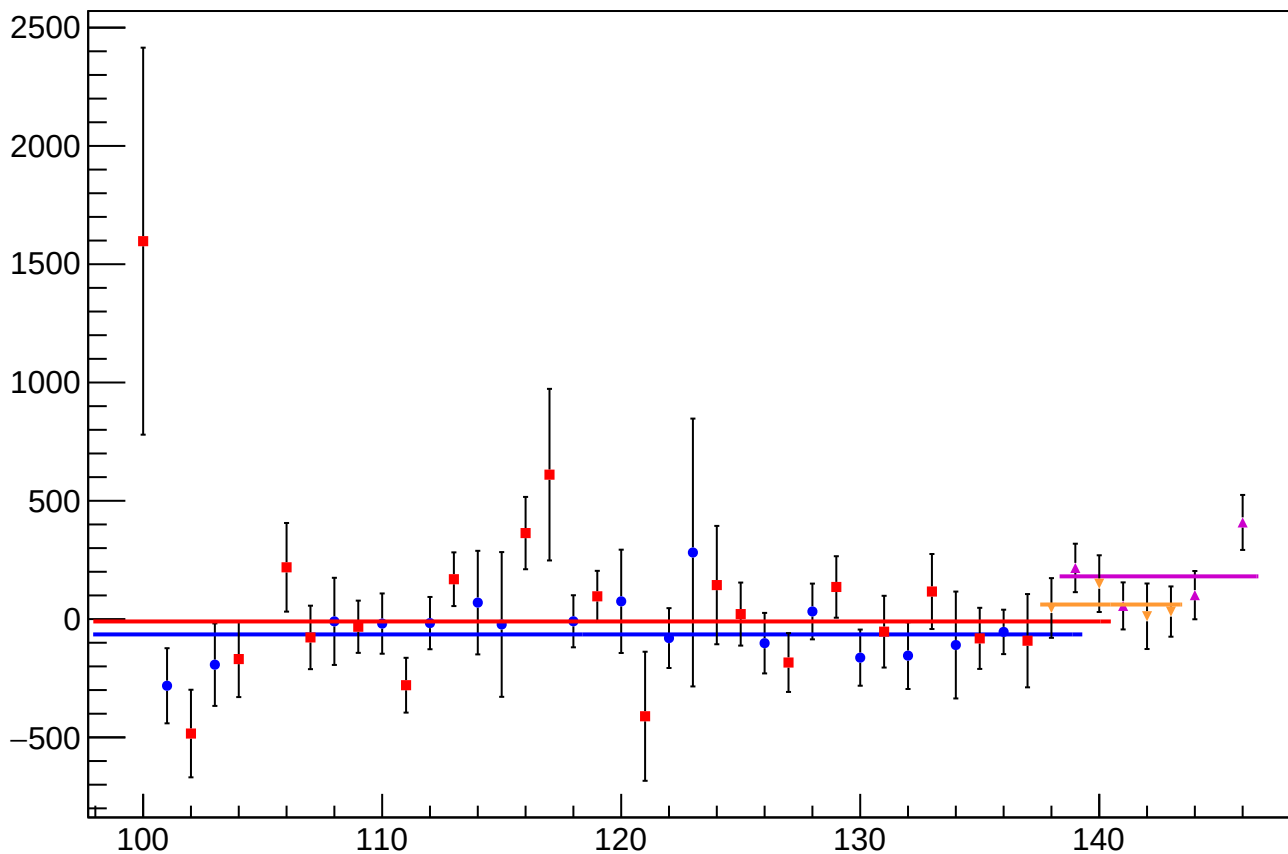
Left In: 1033.180 $\pm$ 0.408 χ^2/NDF : 163818.7/3

621.353 $\pm$ 0.162 χ^2/NDF : 3923631.4/20

638.201 $\pm$ 0.114 χ^2/NDF : 7991243.2/44

654.676 $\pm$ 0.160 χ^2/NDF : 4046159.0/23

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 61.550 ± 60.508 χ^2/NDF : 0.8/3

Right Out: -10.023 ± 33.281 χ^2/NDF : 37.9/19

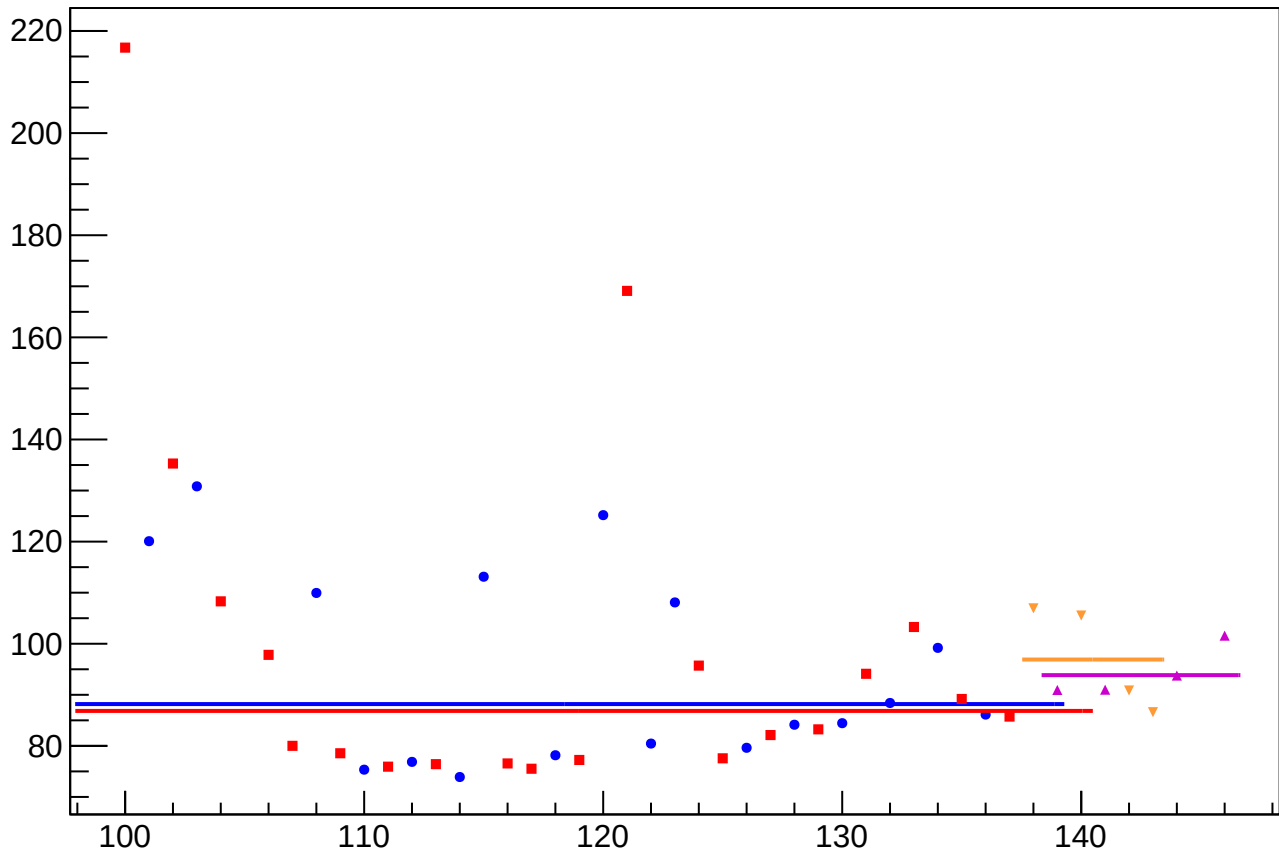
Left In: 180.599 ± 52.226 χ^2/NDF : 6.2/3

-33.624 ± 30.055 χ^2/NDF : 10.2/20

8.390 ± 20.513 χ^2/NDF : 67.4/44

45.028 ± 28.066 χ^2/NDF : 53.6/23

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186 $\pm$ 0.024 χ^2/NDF : 394447.7/16

Left Out: 96.907 $\pm$ 0.043 χ^2/NDF : 45639.1/3

Right Out: 86.847 $\pm$ 0.024 χ^2/NDF : 533326.2/19

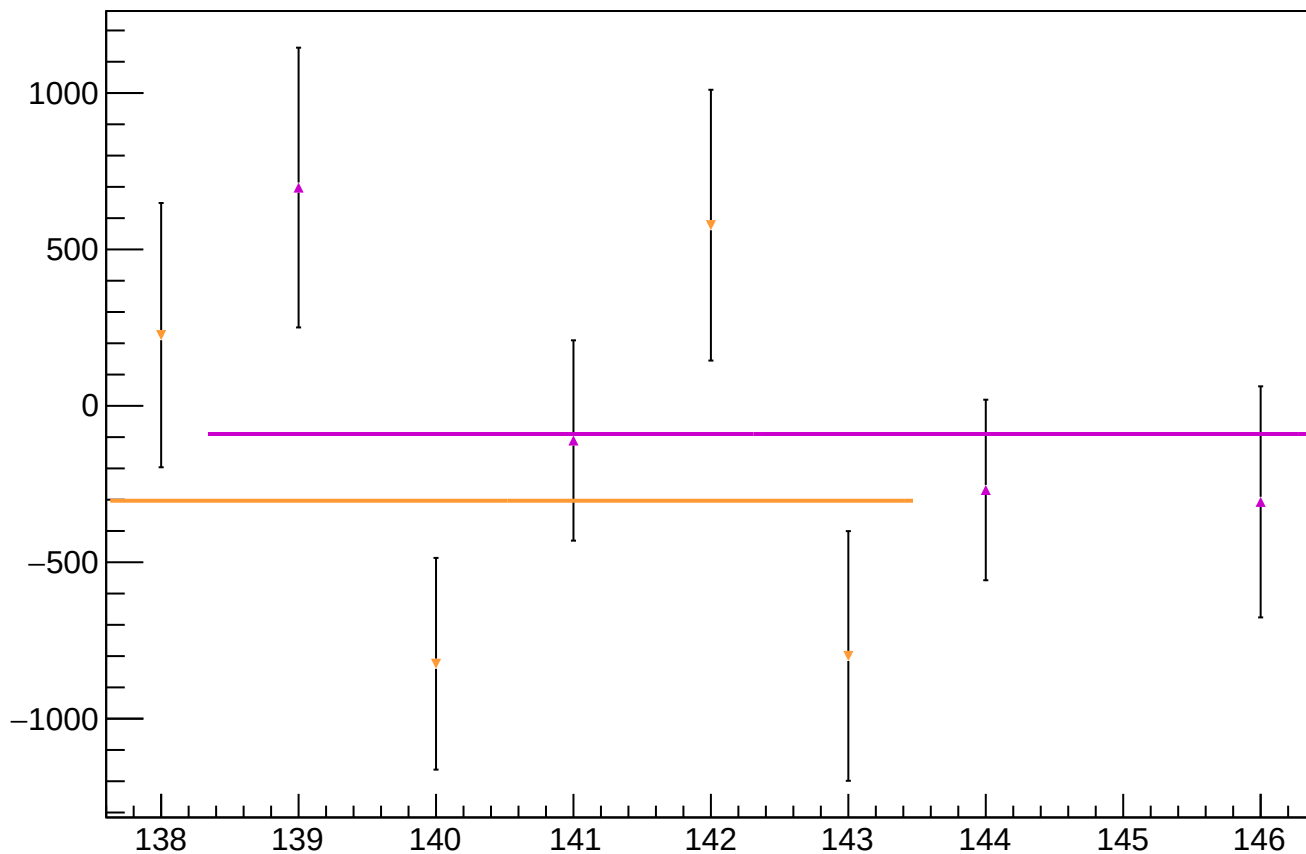
Left In: 93.852 $\pm$ 0.037 χ^2/NDF : 12104.0/3

90.338 $\pm$ 0.021 χ^2/NDF : 471383.6/20

89.554 $\pm$ 0.015 χ^2/NDF : 1044952.2/44

88.870 $\pm$ 0.020 χ^2/NDF : 571019.6/23

asym_sam7_correction_mean vs Slug, Sign Corrected



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

Left Out: -303.274+/-196.283 χ^2/NDF : 9.6/3

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

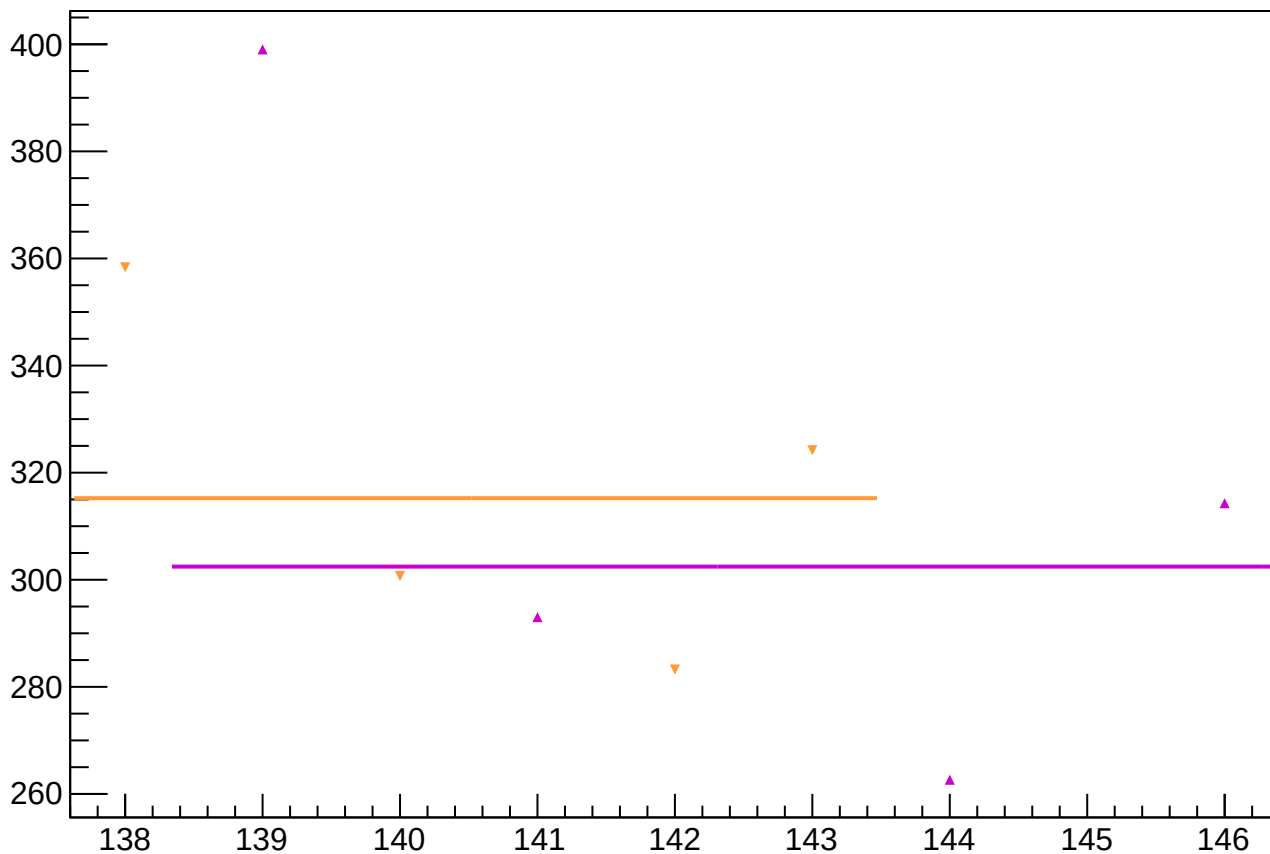
Left In: -90.022+/-171.260 χ^2/NDF : 3.8/3

-303.274+/-196.283 χ^2/NDF : 9.6/3

-182.196+/-129.045 χ^2/NDF : 14.1/7

-90.022+/-171.260 χ^2/NDF : 3.8/3

asym_sam7_correction_rms vs Slug, Sign Corrected



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

Left Out: 315.233+/-0.139 χ^2/NDF : 36470.1/3

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

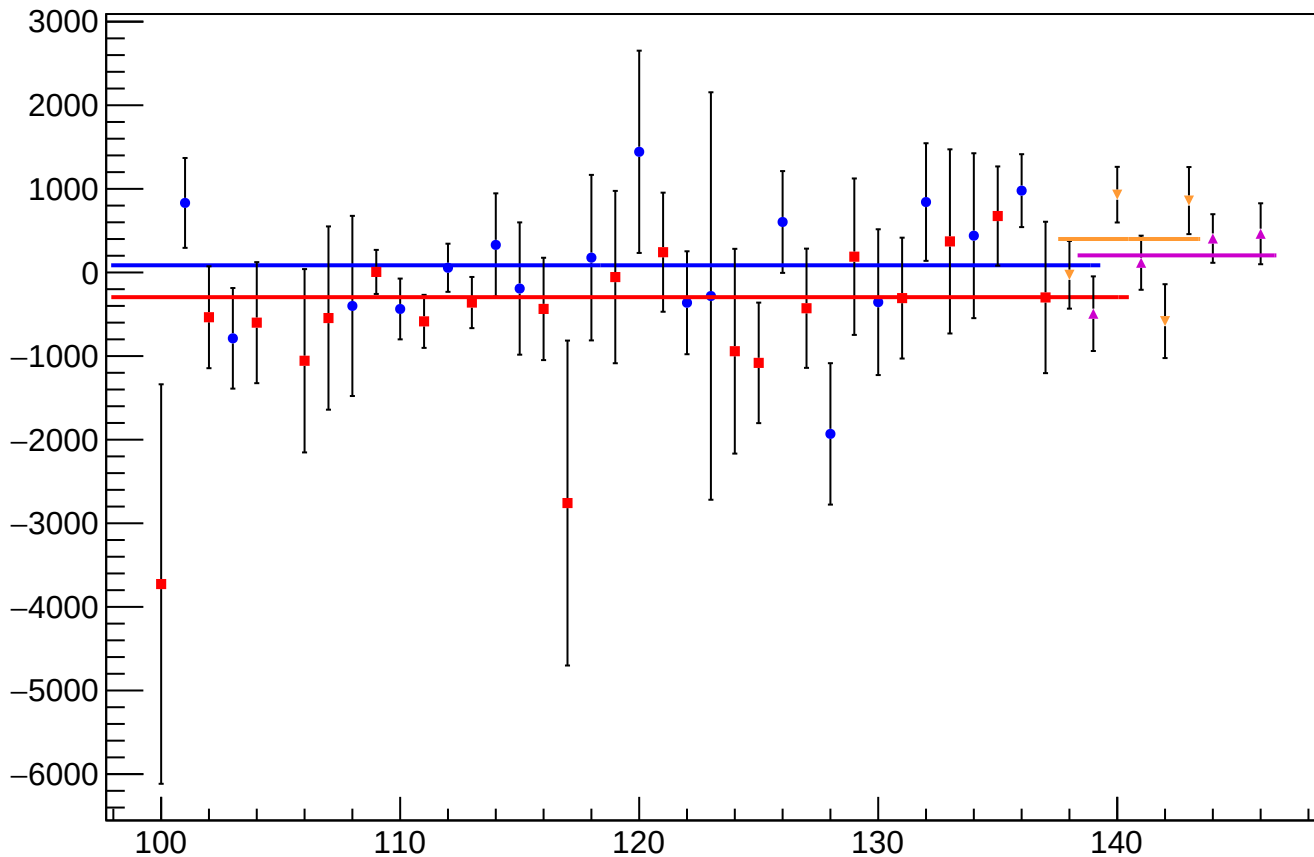
Left In: 302.456+/-0.121 χ^2/NDF : 135147.0/3

315.233+/-0.139 χ^2/NDF : 36470.1/3

307.978+/-0.091 χ^2/NDF : 176429.1/7

302.456+/-0.121 χ^2/NDF : 135147.0/3

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810+/-142.601 χ^2/NDF : 20.6/16

Left Out: 400.340+/-194.387 χ^2/NDF : 9.9/3

Right Out: -295.409+/-129.312 χ^2/NDF : 12.2/19

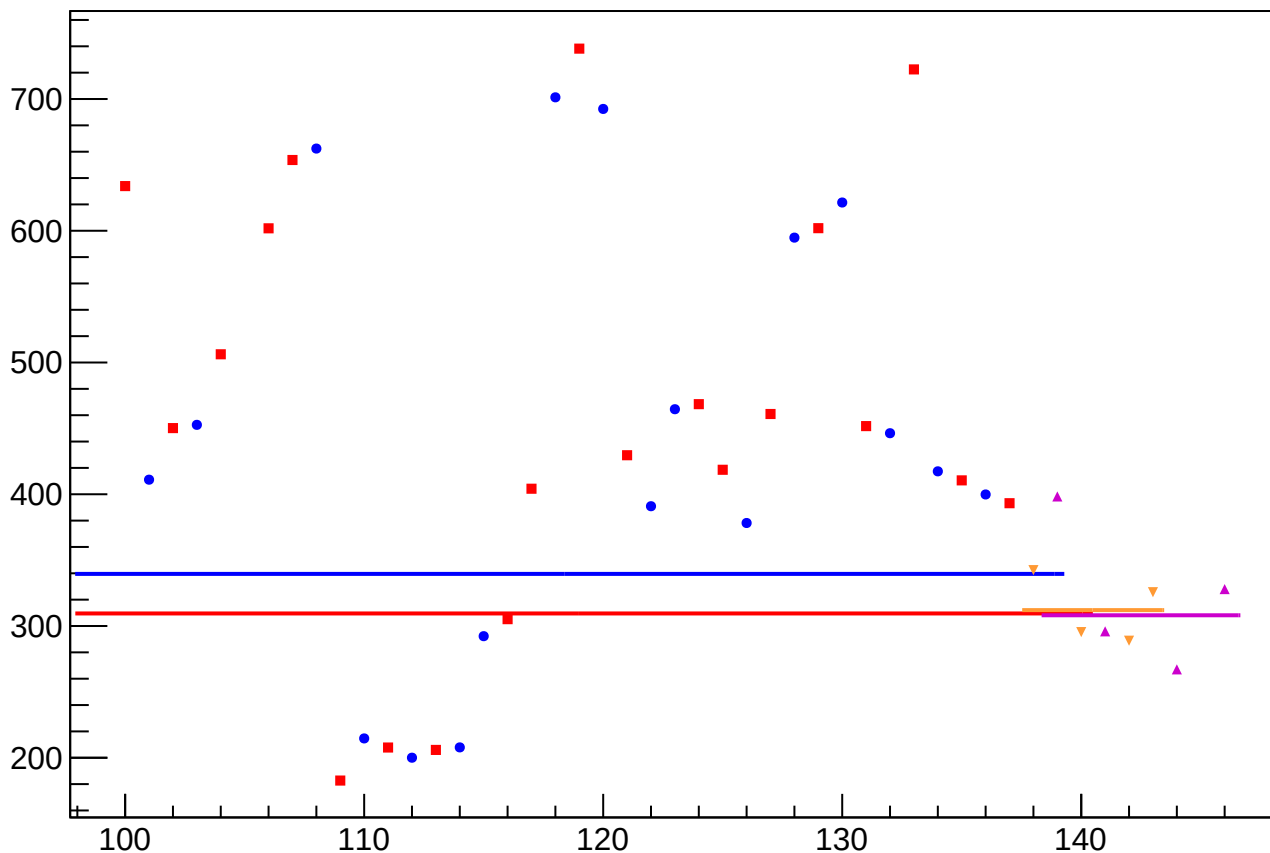
Left In: 204.294+/-171.670 χ^2/NDF : 3.5/3

195.855+/-114.980 χ^2/NDF : 32.2/20

24.091+/-76.838 χ^2/NDF : 57.3/44

-114.517+/-103.288 χ^2/NDF : 21.1/23

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553 ± 0.101 χ^2/NDF : 2042244.1/16

Left Out: 312.057 ± 0.137 χ^2/NDF : 24080.0/3

Right Out: 309.526 ± 0.091 χ^2/NDF : 2735077.1/19

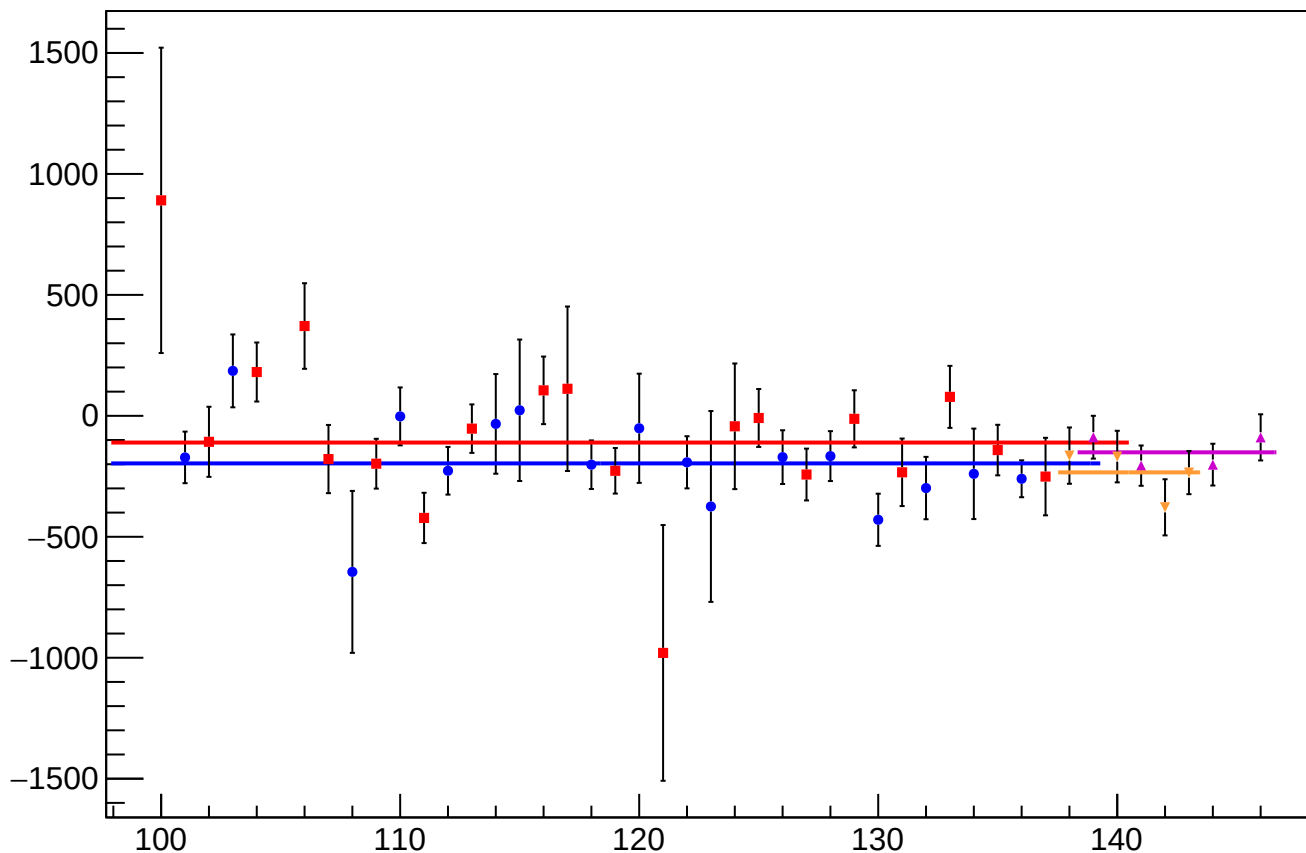
Left In: 308.143 ± 0.121 χ^2/NDF : 130345.2/3

329.933 ± 0.081 χ^2/NDF : 2092339.1/20

318.362 ± 0.054 χ^2/NDF : 4994439.2/44

309.026 ± 0.073 χ^2/NDF : 2865505.0/23

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -233.672 ± 52.583 χ^2/NDF : 2.3/3

Right Out: -110.410 ± 29.510 χ^2/NDF : 39.8/19

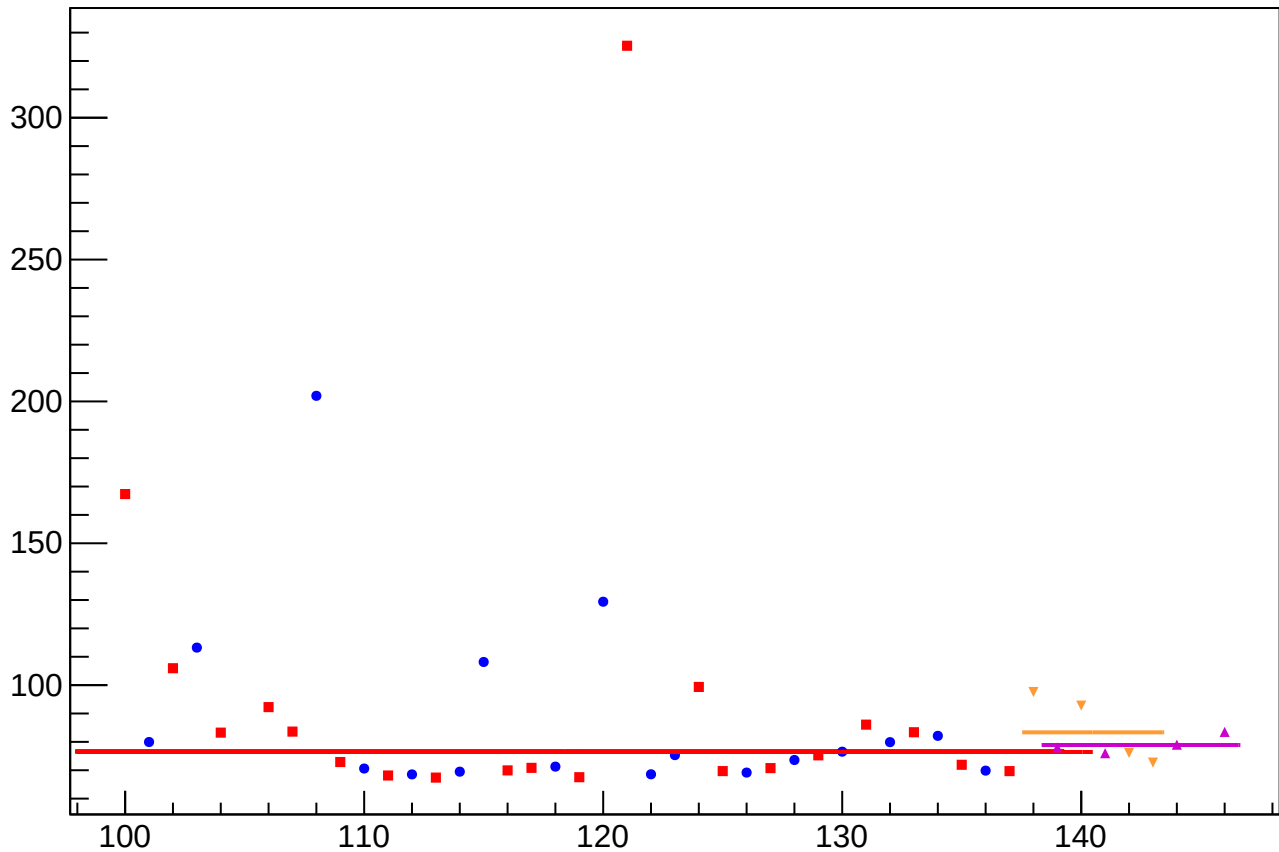
Left In: -150.801 ± 44.026 χ^2/NDF : 1.7/3

-205.886 ± 26.318 χ^2/NDF : 21.7/20

-161.467 ± 17.937 χ^2/NDF : 69.1/44

-122.931 ± 24.513 χ^2/NDF : 42.1/23

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 76.692 $\pm$ 0.021 χ^2/NDF : 600348.1/16

Left Out: 83.360 $\pm$ 0.037 χ^2/NDF : 81838.2/3

Right Out: 76.436 $\pm$ 0.021 χ^2/NDF : 699907.3/19

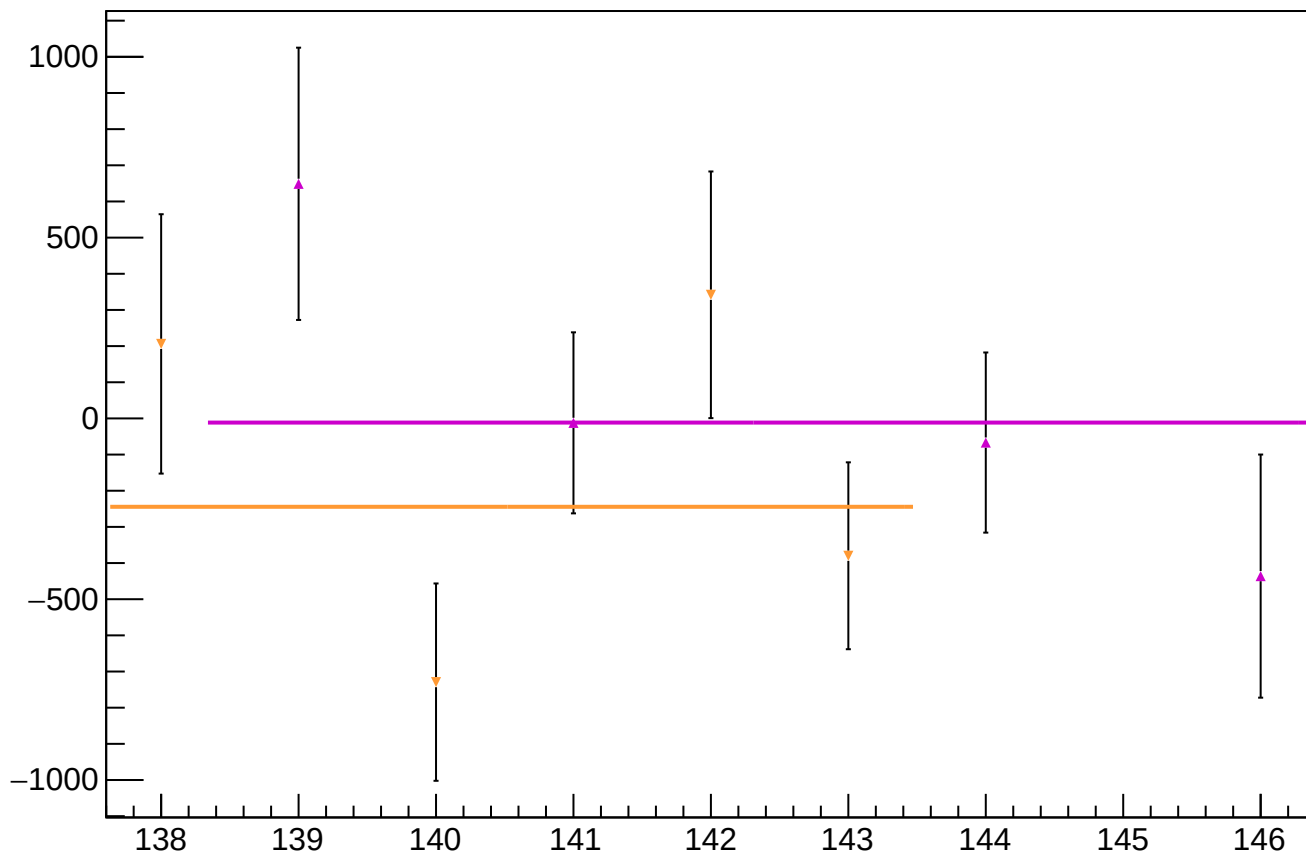
Left In: 78.891 $\pm$ 0.031 χ^2/NDF : 7274.0/3

78.363 $\pm$ 0.019 χ^2/NDF : 706293.5/20

77.739 $\pm$ 0.013 χ^2/NDF : 1419863.7/44

77.197 $\pm$ 0.017 χ^2/NDF : 711471.3/23

asym_sam8_correction_mean vs Slug, Sign Corrected



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

Left Out: -244.411+/-149.446 χ^2/NDF : 8.0/3

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

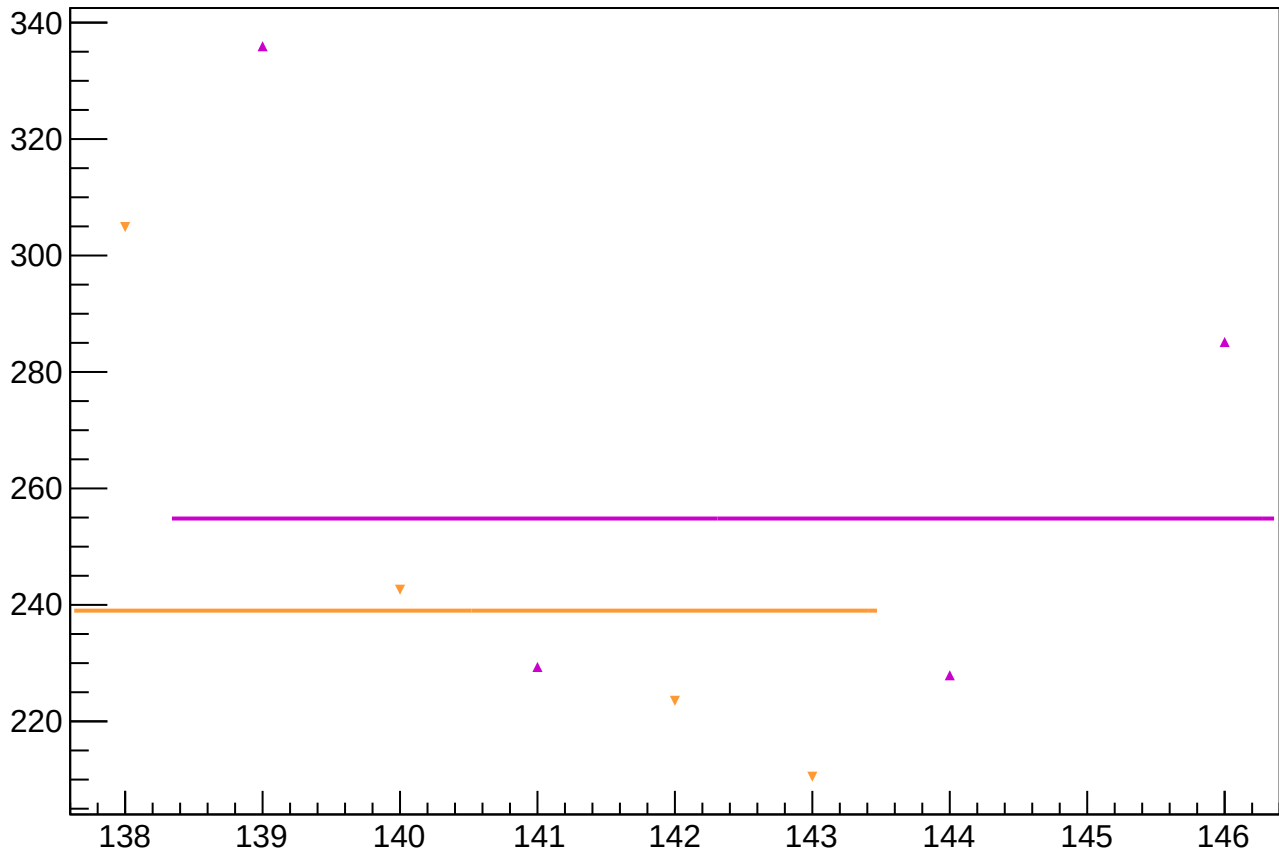
Left In: -11.518+/-144.379 χ^2/NDF : 4.7/3

-244.411+/-149.446 χ^2/NDF : 8.0/3

-123.949+/-103.836 χ^2/NDF : 13.9/7

-11.518+/-144.379 χ^2/NDF : 4.7/3

asym_sam8_correction_rms vs Slug, Sign Corrected



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

Left Out: 239.012+/-0.106 χ^2/NDF : 96292.6/3

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

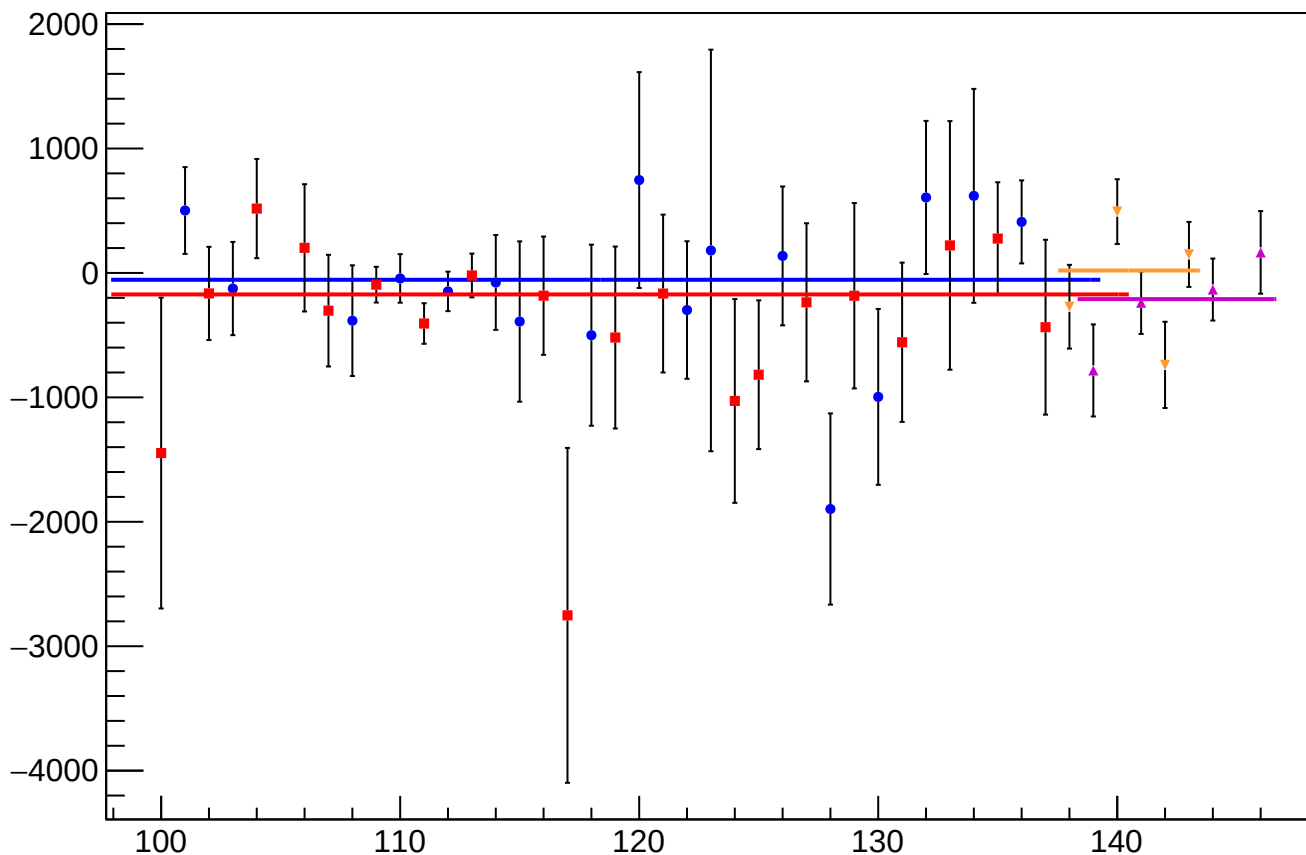
Left In: 254.831+/-0.102 χ^2/NDF : 153173.0/3

239.012+/-0.106 χ^2/NDF : 96292.6/3

247.195+/-0.073 χ^2/NDF : 261056.2/7

254.831+/-0.102 χ^2/NDF : 153173.0/3

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 $\chi^2/\text{NDF}: 16.5/16$

Left Out: 19.537 ± 146.512 $\chi^2/\text{NDF}: 9.1/3$

Right Out: -172.563 ± 76.778 $\chi^2/\text{NDF}: 15.6/19$

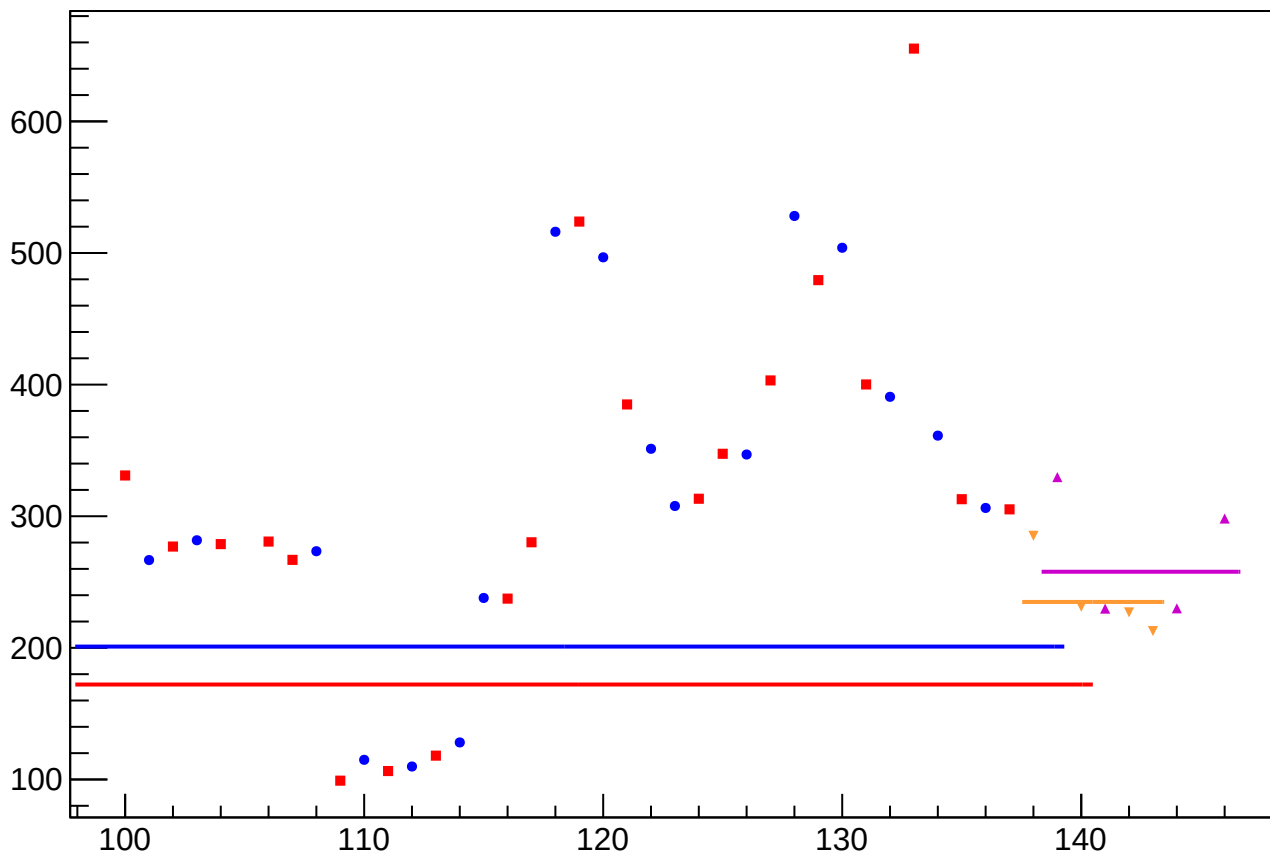
Left In: -210.343 ± 143.768 $\chi^2/\text{NDF}: 3.8/3$

-34.414 ± 76.906 $\chi^2/\text{NDF}: 25.8/20$

-116.944 ± 50.827 $\chi^2/\text{NDF}: 47.3/44$

-180.946 ± 67.725 $\chi^2/\text{NDF}: 19.4/23$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971 $\pm$ 0.064 χ^2/NDF : 3436154.0/16

Left Out: 234.881 $\pm$ 0.104 χ^2/NDF : 60394.6/3

Right Out: 172.147 $\pm$ 0.054 χ^2/NDF : 4105572.5/19

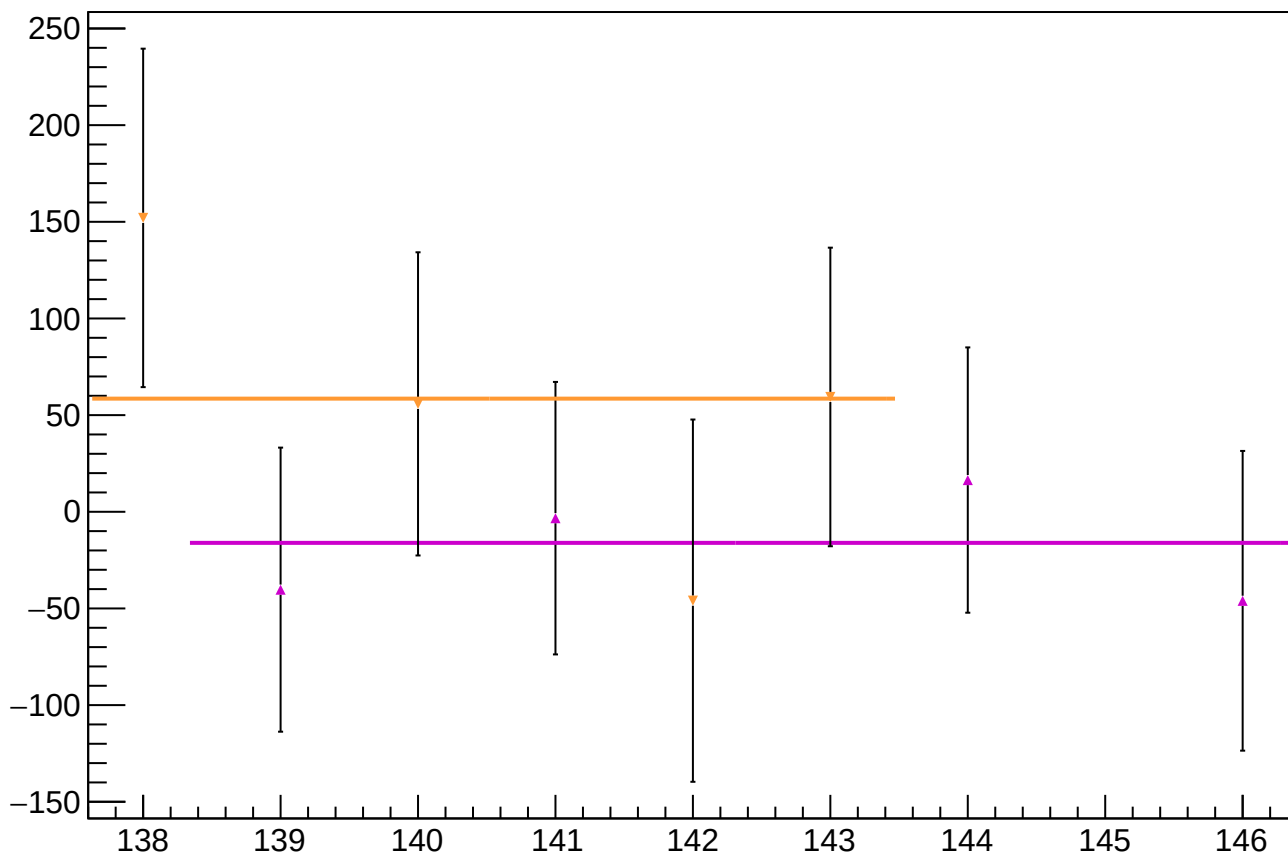
Left In: 257.825 $\pm$ 0.102 χ^2/NDF : 155083.3/3

210.314 $\pm$ 0.054 χ^2/NDF : 3574169.6/20

199.526 $\pm$ 0.036 χ^2/NDF : 8457385.3/44

191.160 $\pm$ 0.048 χ^2/NDF : 4813337.3/23

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 58.534+/-41.713 χ^2/NDF : 2.4/3

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

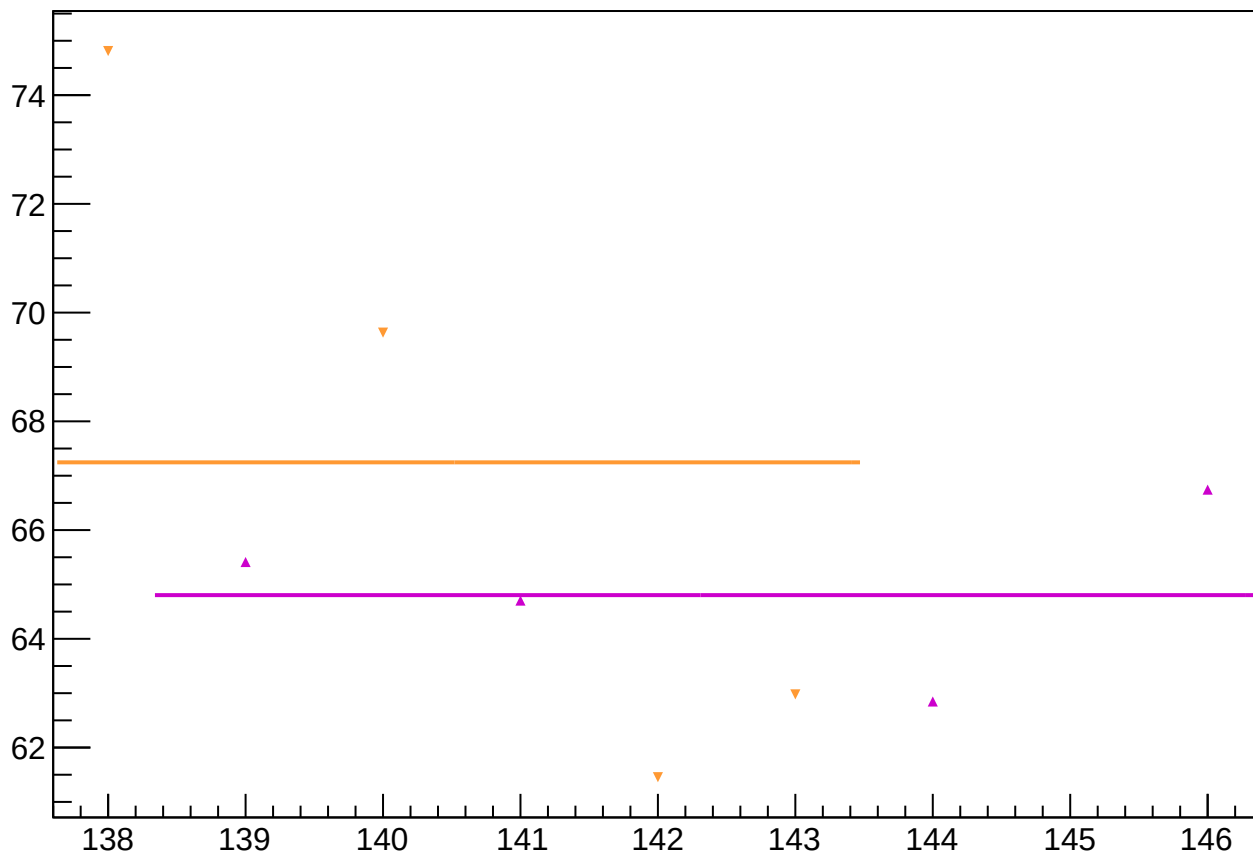
Left In: -16.074+/-36.147 χ^2/NDF : 0.5/3

58.534+/-41.713 χ^2/NDF : 2.4/3

15.924+/-27.318 χ^2/NDF : 4.7/7

-16.074+/-36.147 χ^2/NDF : 0.5/3

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 67.246+/-0.029 χ^2/NDF : 30538.6/3

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

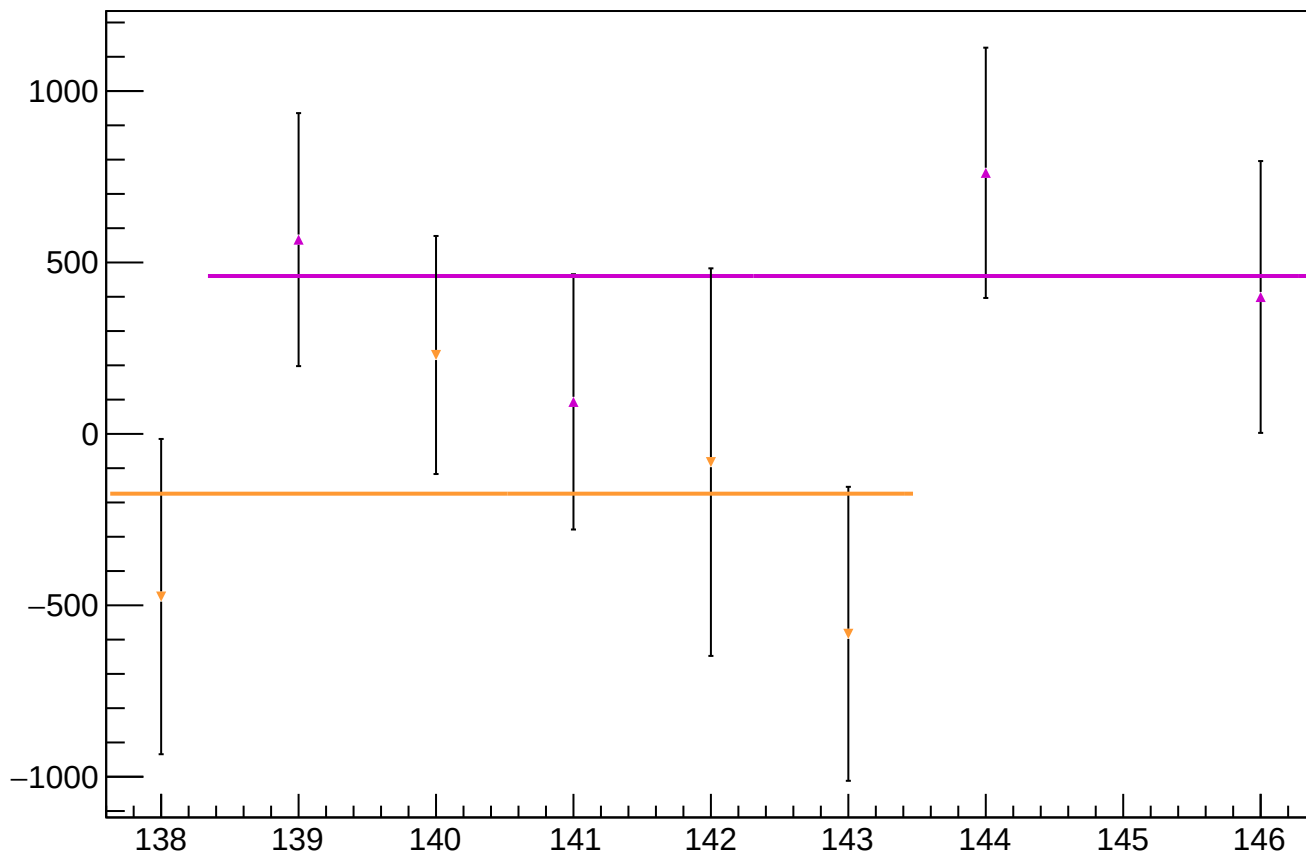
Left In: 64.804+/-0.026 χ^2/NDF : 3020.3/3

67.246+/-0.029 χ^2/NDF : 30538.6/3

65.851+/-0.019 χ^2/NDF : 37474.4/7

64.804+/-0.026 χ^2/NDF : 3020.3/3

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -174.338 ± 215.180 χ^2/NDF : 2.7/3

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

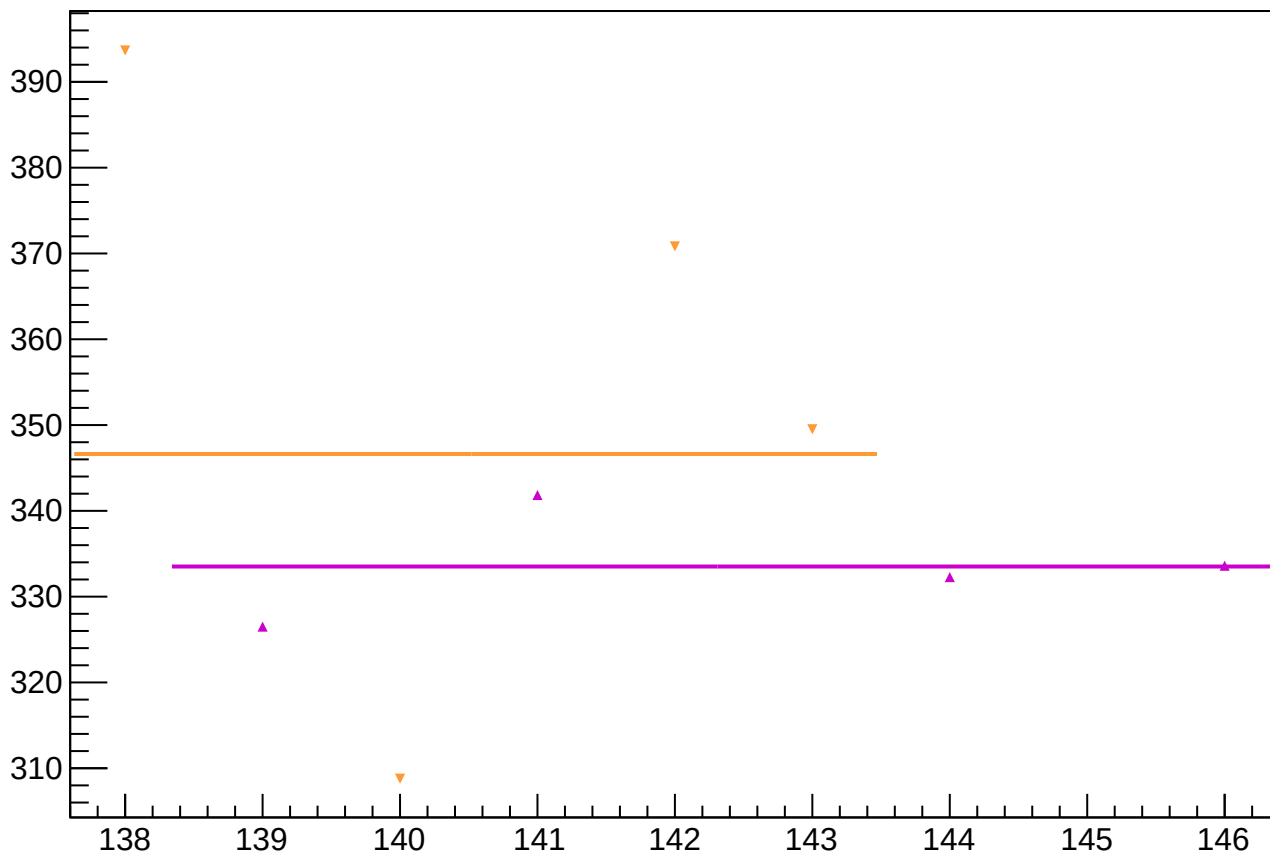
Left In: 460.557 ± 187.551 χ^2/NDF : 1.8/3

-174.338 ± 215.180 χ^2/NDF : 2.7/3

186.462 ± 141.384 χ^2/NDF : 9.4/7

460.557 ± 187.551 χ^2/NDF : 1.8/3

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 346.624+/-0.152 χ^2/NDF : 48452.0/3

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

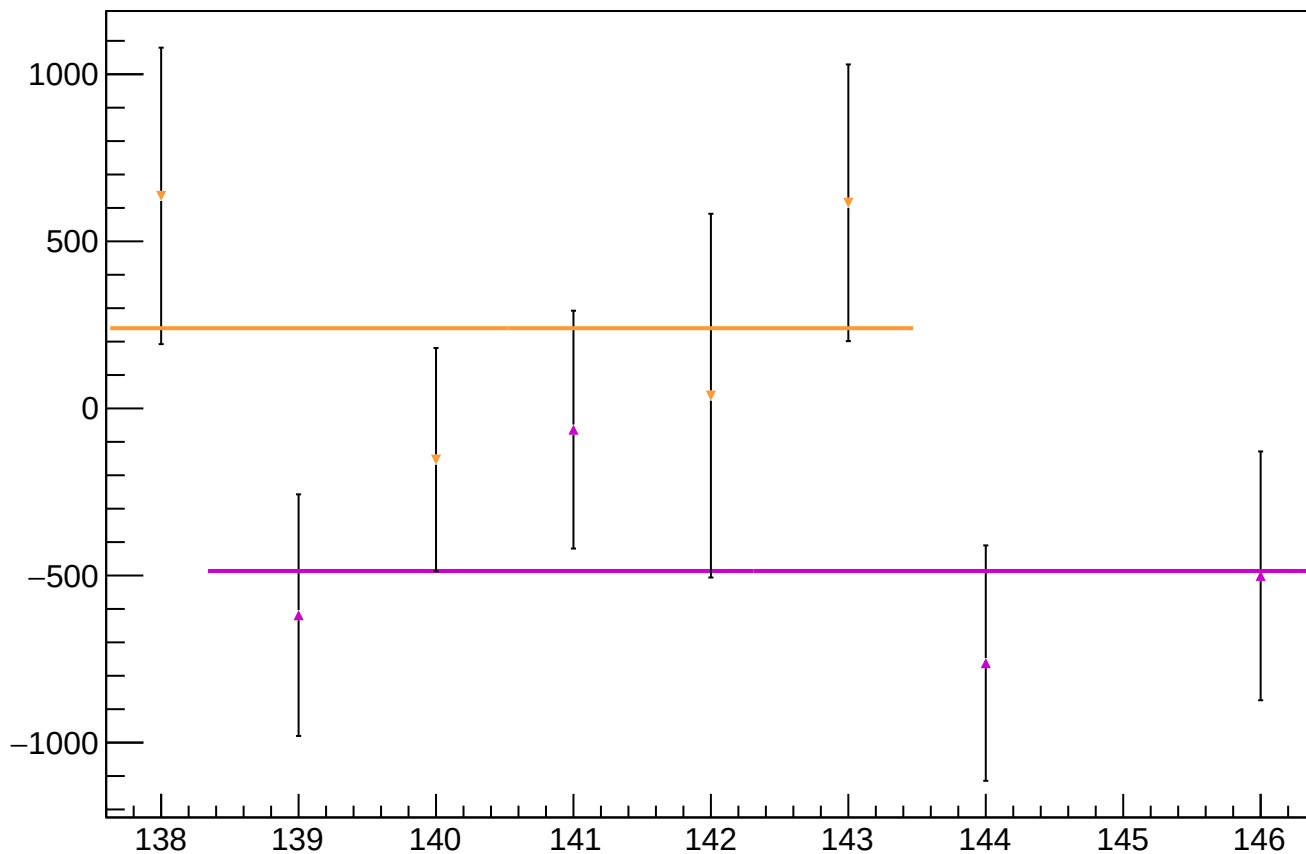
Left In: 333.513+/-0.133 χ^2/NDF : 1746.5/3

346.624+/-0.152 χ^2/NDF : 48452.0/3

339.173+/-0.100 χ^2/NDF : 54418.0/7

333.513+/-0.133 χ^2/NDF : 1746.5/3

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 240.101+/-207.413 χ^2/NDF : 3.1/3

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

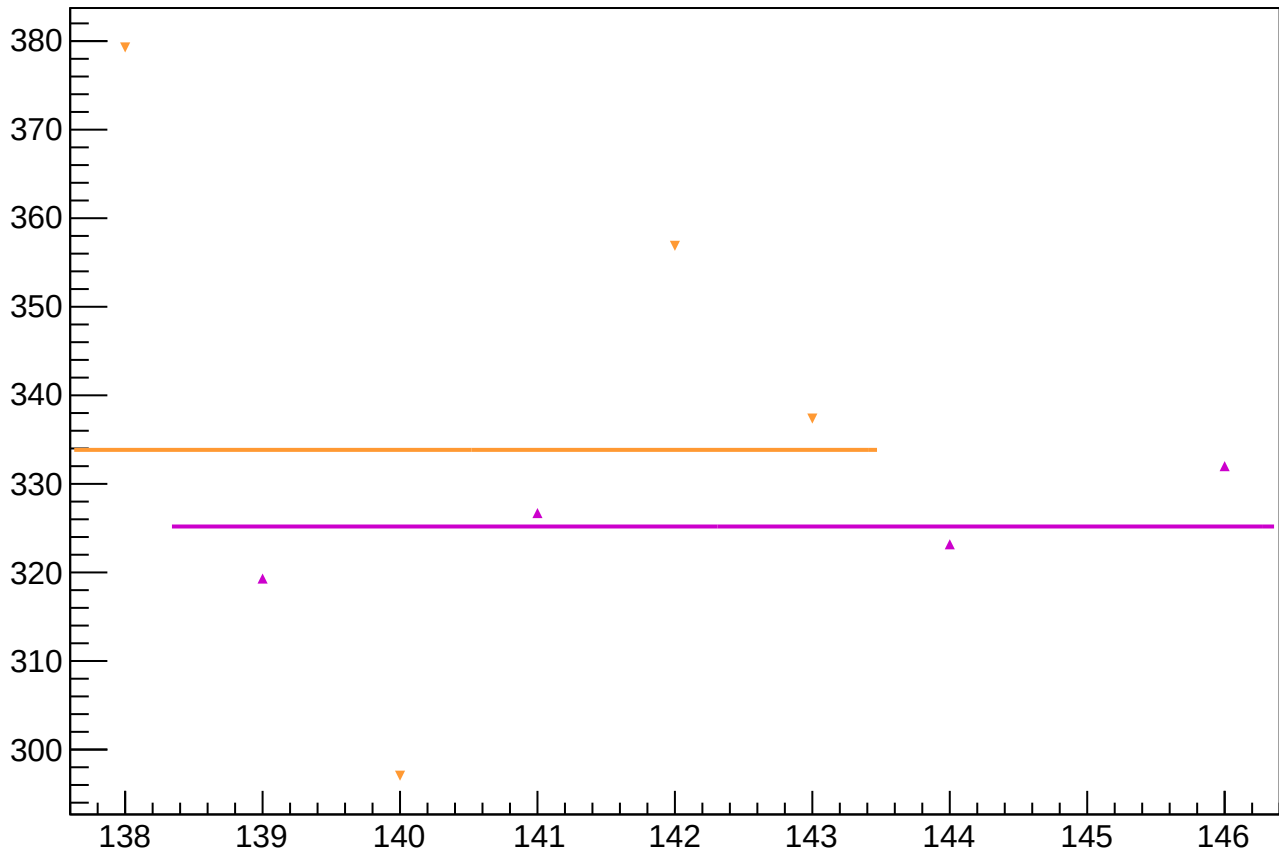
Left In: -486.351+/-180.121 χ^2/NDF : 2.2/3

240.101+/-207.413 χ^2/NDF : 3.1/3

-174.033+/-135.998 χ^2/NDF : 12.3/7

-486.351+/-180.121 χ^2/NDF : 2.2/3

asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 333.840+/-0.147 χ^2/NDF : 48960.4/3

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

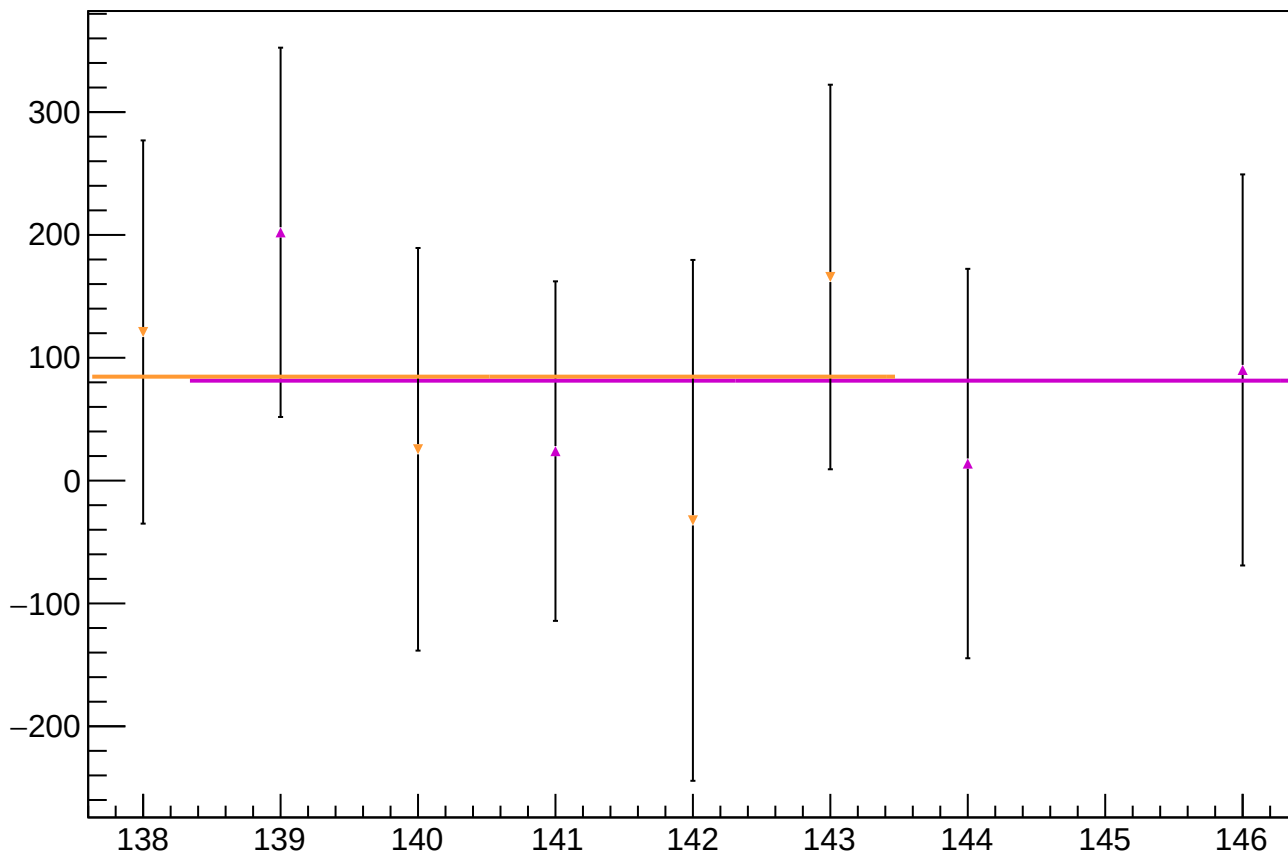
Left In: 325.188+/-0.127 χ^2/NDF : 1299.8/3

333.840+/-0.147 χ^2/NDF : 48960.4/3

328.908+/-0.096 χ^2/NDF : 52244.6/7

325.188+/-0.127 χ^2/NDF : 1299.8/3

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: 84.628 $\pm$ 84.099 χ^2 /NDF: 0.8/3

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

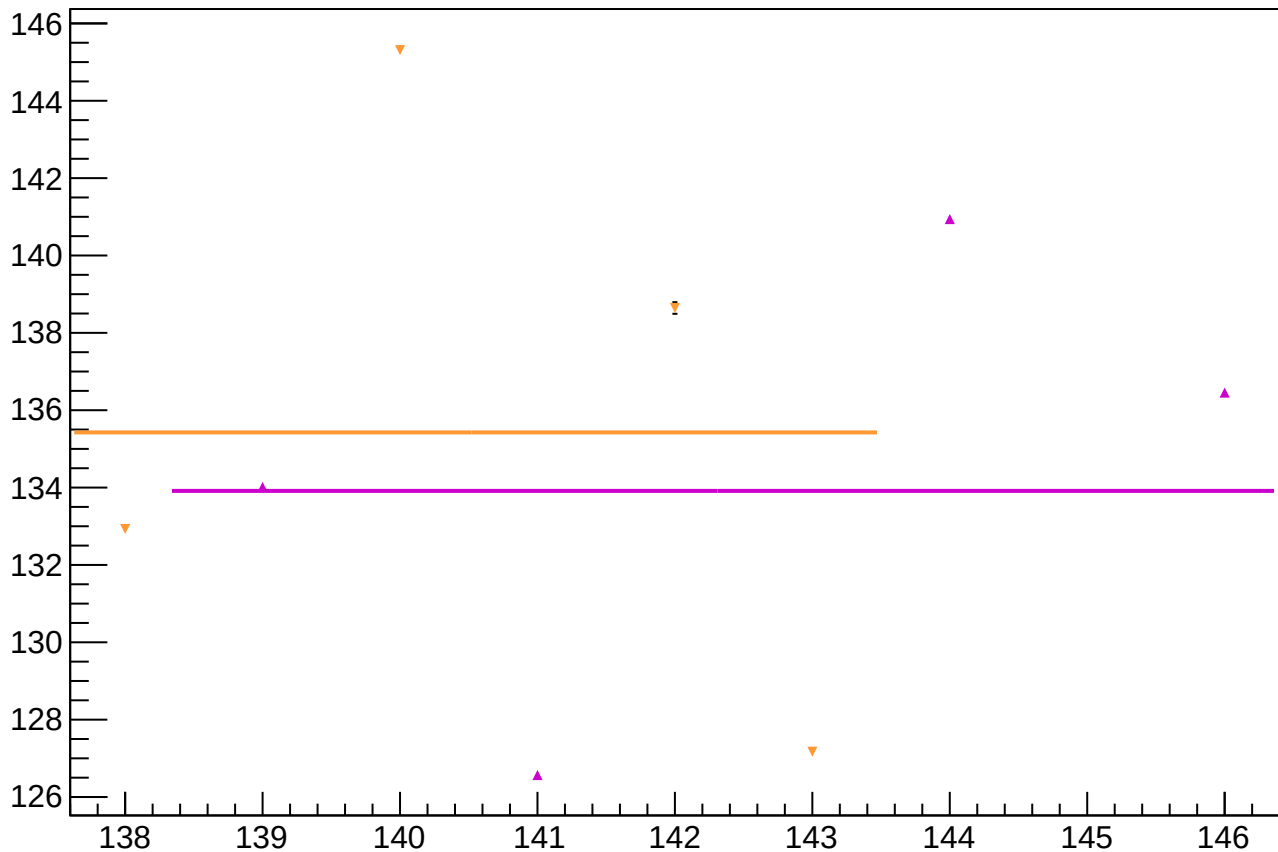
Left In: 81.370 $\pm$ 75.405 χ^2 /NDF: 1.0/3

84.628 $\pm$ 84.099 χ^2 /NDF: 0.8/3

82.822 $\pm$ 56.142 χ^2 /NDF: 1.8/7

81.370 $\pm$ 75.405 χ^2 /NDF: 1.0/3

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 135.426+/-0.059 χ^2/NDF : 13807.3/3

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

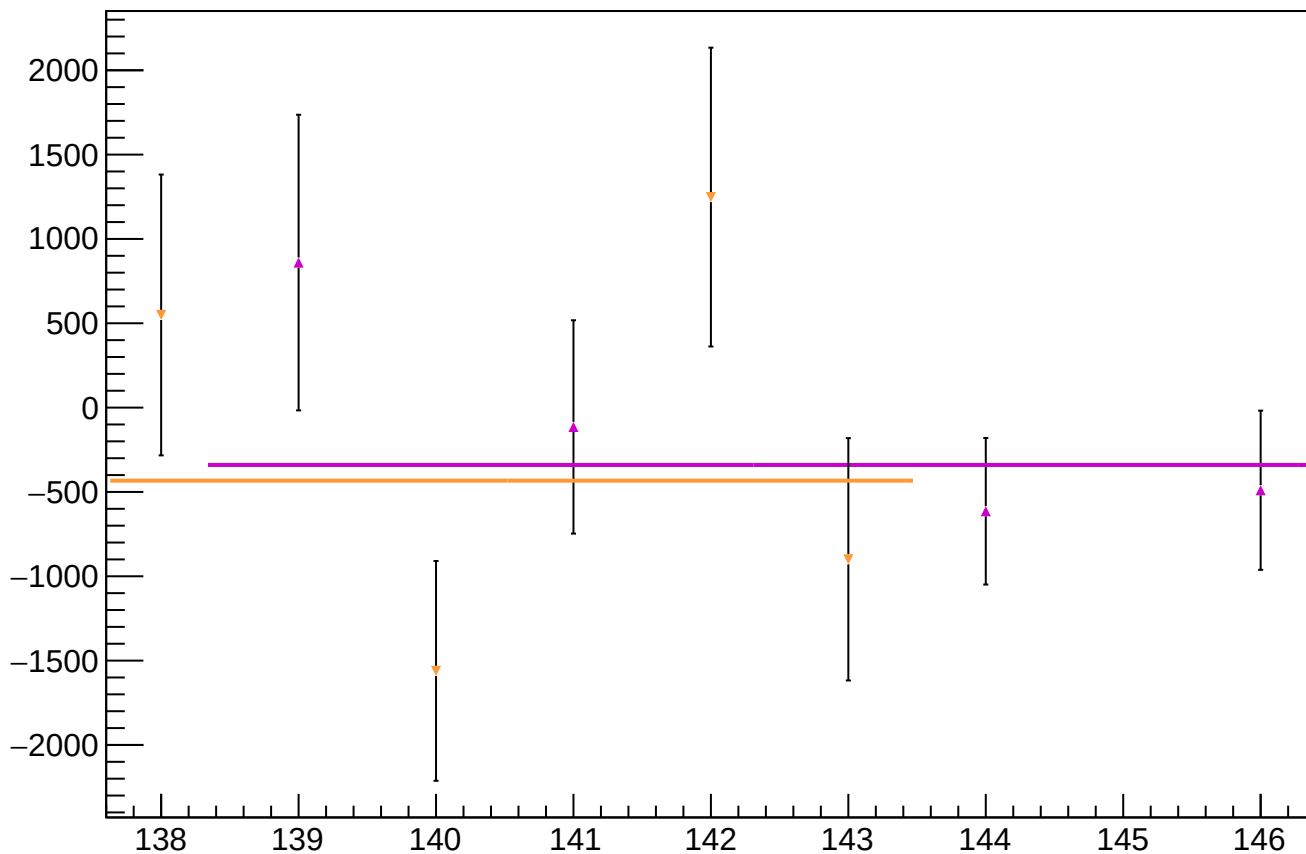
Left In: 133.914+/-0.053 χ^2/NDF : 10092.2/3

135.426+/-0.059 χ^2/NDF : 13807.3/3

134.588+/-0.040 χ^2/NDF : 24257.8/7

133.914+/-0.053 χ^2/NDF : 10092.2/3

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -433.098+/-377.696 χ^2/NDF : 8.4/3

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

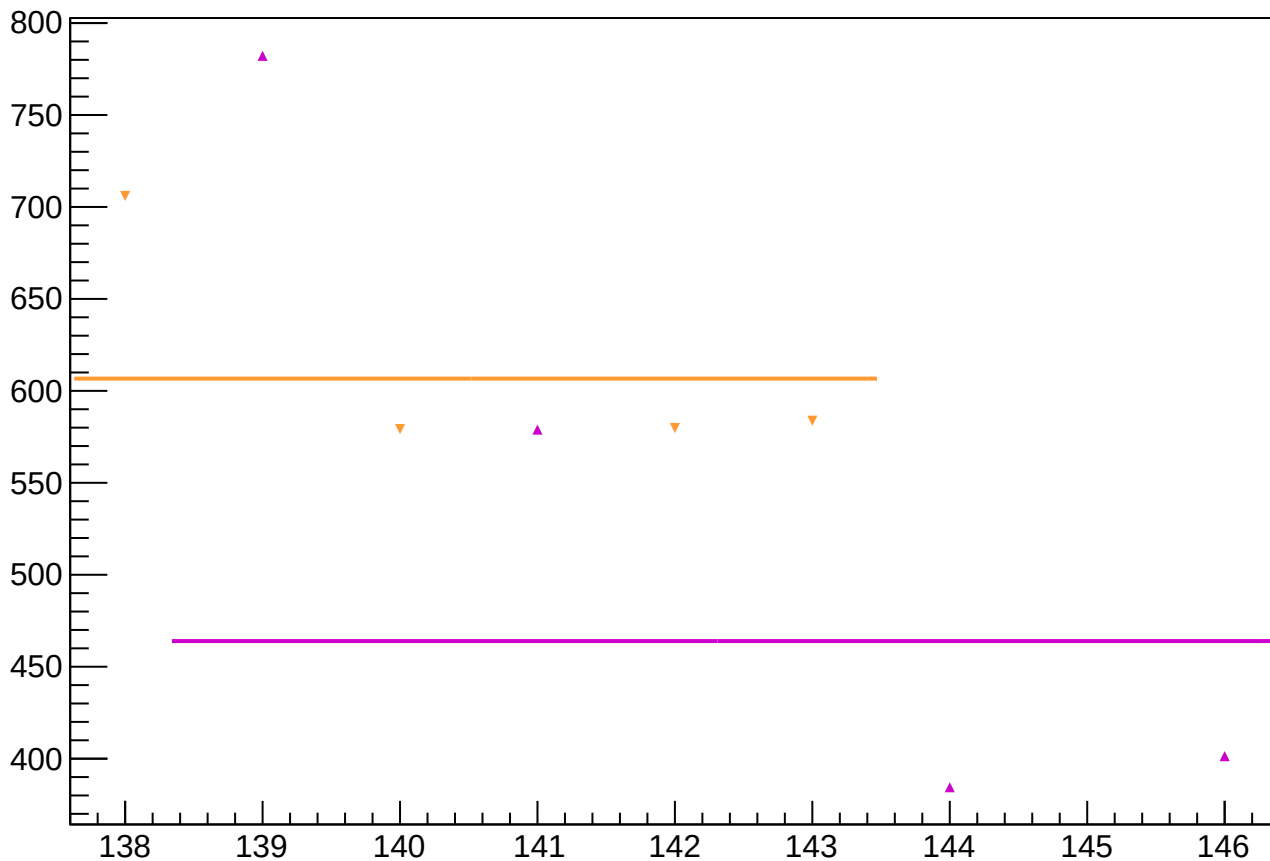
Left In: -340.038+/-271.257 χ^2/NDF : 2.5/3

-433.098+/-377.696 χ^2/NDF : 8.4/3

-371.704+/-220.324 χ^2/NDF : 11.0/7

-340.038+/-271.257 χ^2/NDF : 2.5/3

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 606.662 $\pm$ 0.267 χ^2 /NDF: 35896.4/3

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

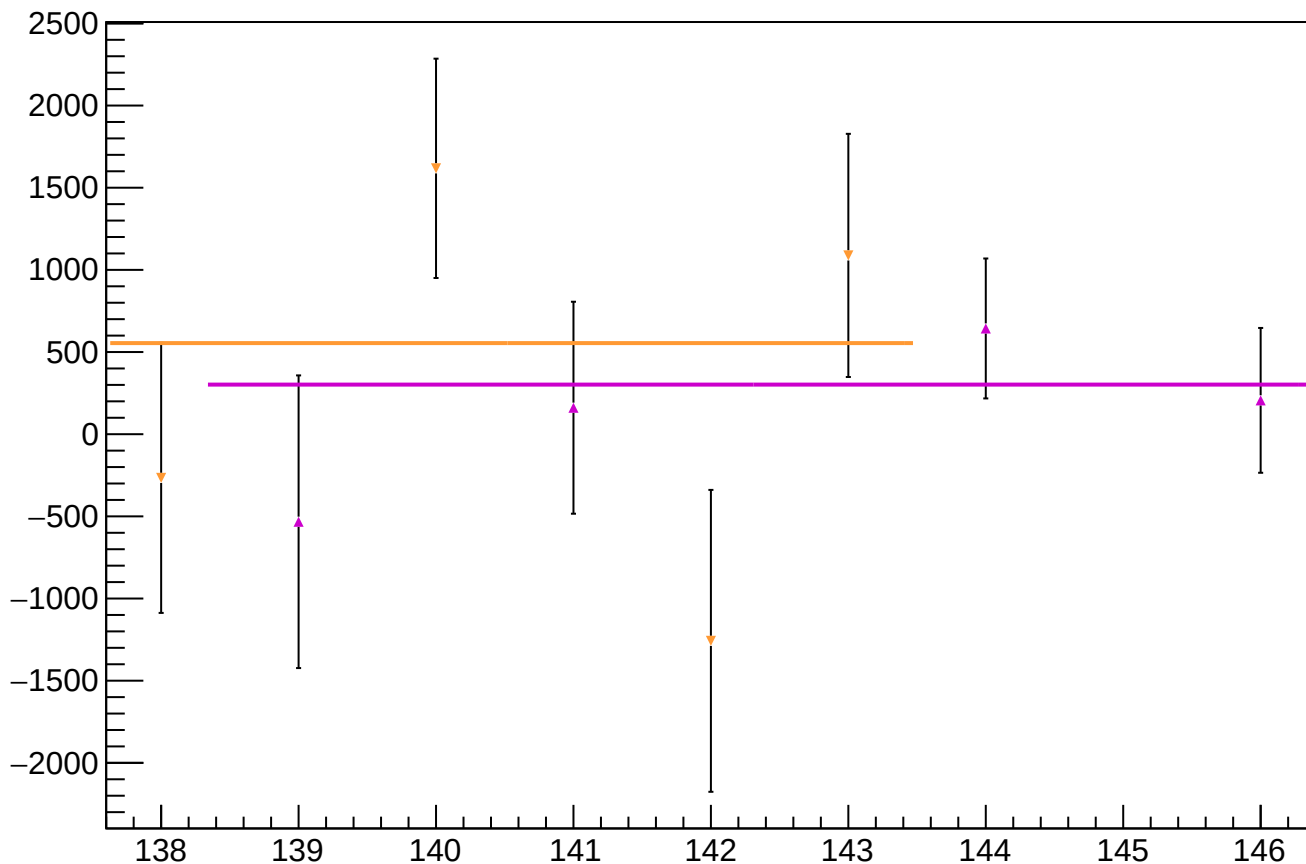
Left In: 463.945 $\pm$ 0.192 χ^2 /NDF: 431973.2/3

606.662 $\pm$ 0.267 χ^2 /NDF: 35896.4/3

512.509 $\pm$ 0.156 χ^2 /NDF: 656259.3/7

463.945 $\pm$ 0.192 χ^2 /NDF: 431973.2/3

asym_sam_26_avg_mean vs Slug, Sign Corrected



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

Left Out: 554.397+/-385.228 χ^2/NDF : 7.9/3

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

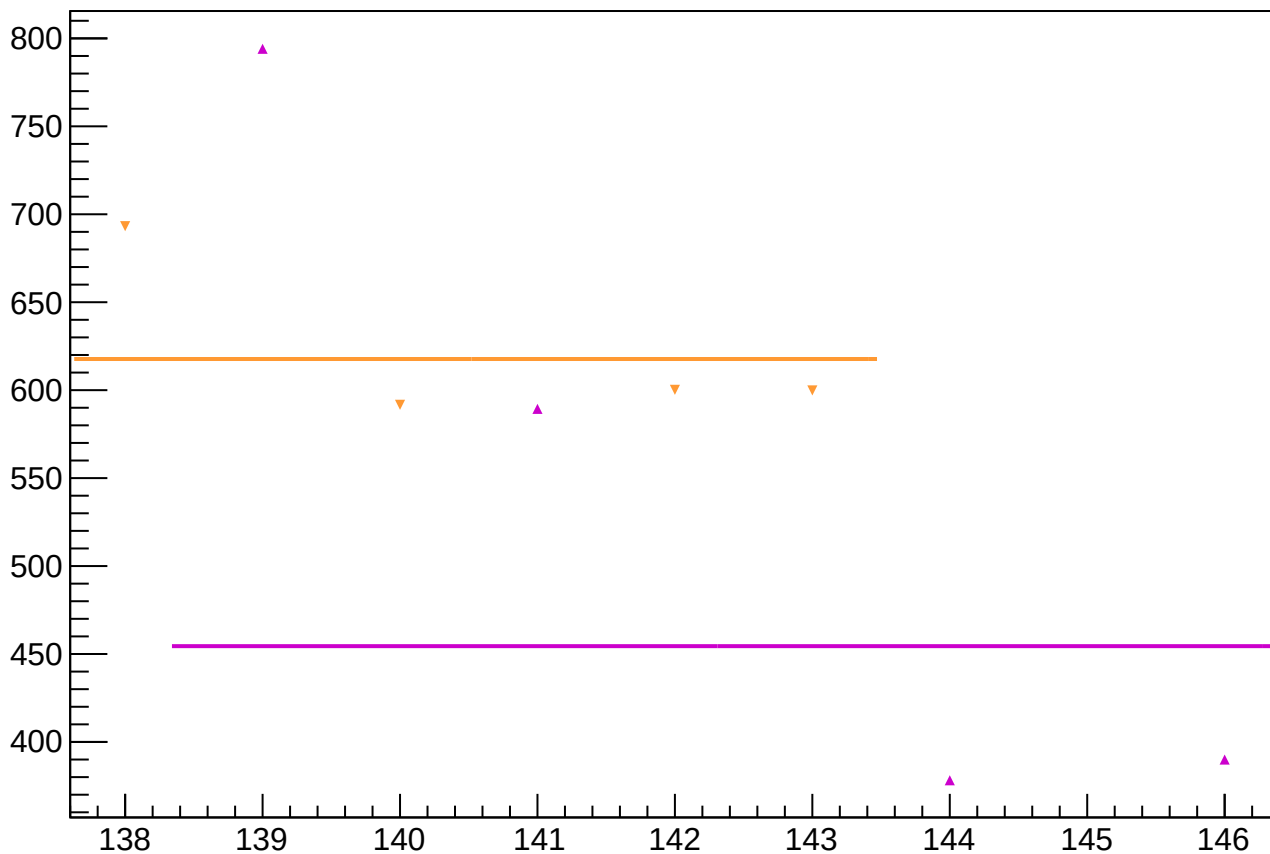
Left In: 301.818+/-264.158 χ^2/NDF : 1.6/3

554.397+/-385.228 χ^2/NDF : 7.9/3

382.599+/-217.858 χ^2/NDF : 9.9/7

301.818+/-264.158 χ^2/NDF : 1.6/3

asym_sam_26_avg_rms vs Slug, Sign Corrected



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

Left Out: 617.715+/-0.272 χ^2/NDF : 21830.1/3

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

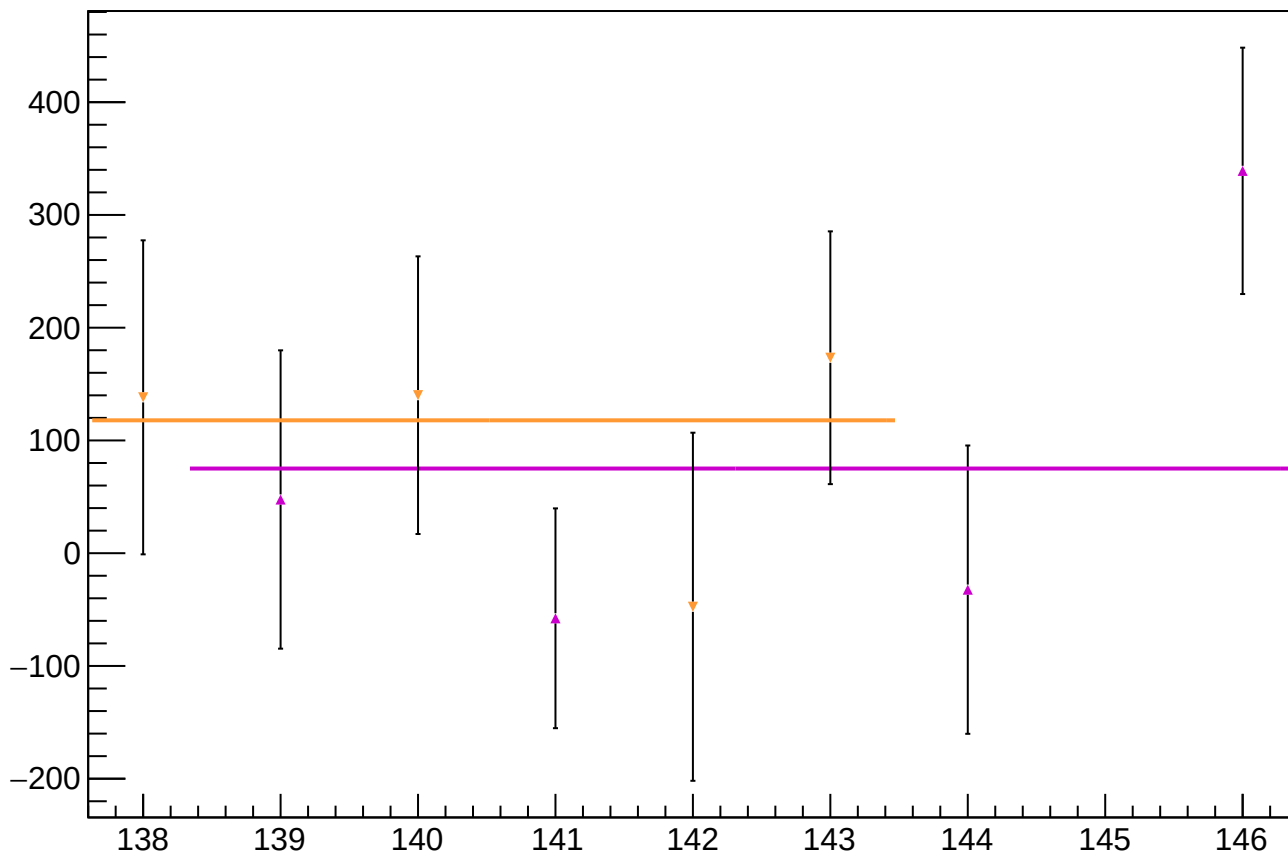
Left In: 454.462+/-0.187 χ^2/NDF : 485401.1/3

617.715+/-0.272 χ^2/NDF : 21830.1/3

506.674+/-0.154 χ^2/NDF : 751541.6/7

454.462+/-0.187 χ^2/NDF : 485401.1/3

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: 117.846 $\pm$ 64.672 χ^2 /NDF:1.4/3

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

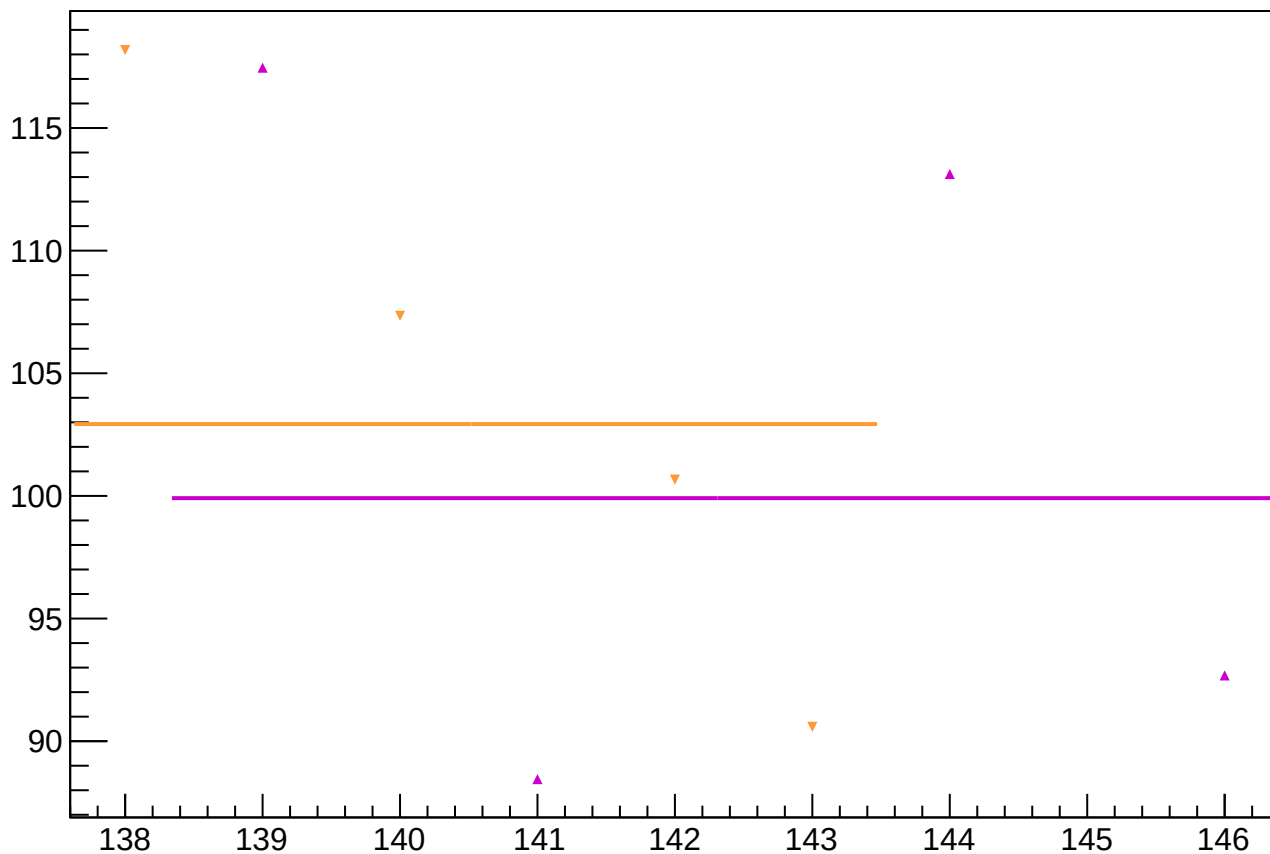
Left In: 75.082 $\pm$ 57.040 χ^2 /NDF:8.4/3

117.846 $\pm$ 64.672 χ^2 /NDF: 1.4/3

93.793 $\pm$ 42.779 χ^2 /NDF: 10.1/7

75.082 $\pm$ 57.040 χ^2 /NDF: 8.4/3

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 102.929+/-0.046 χ^2/NDF : 51233.6/3

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

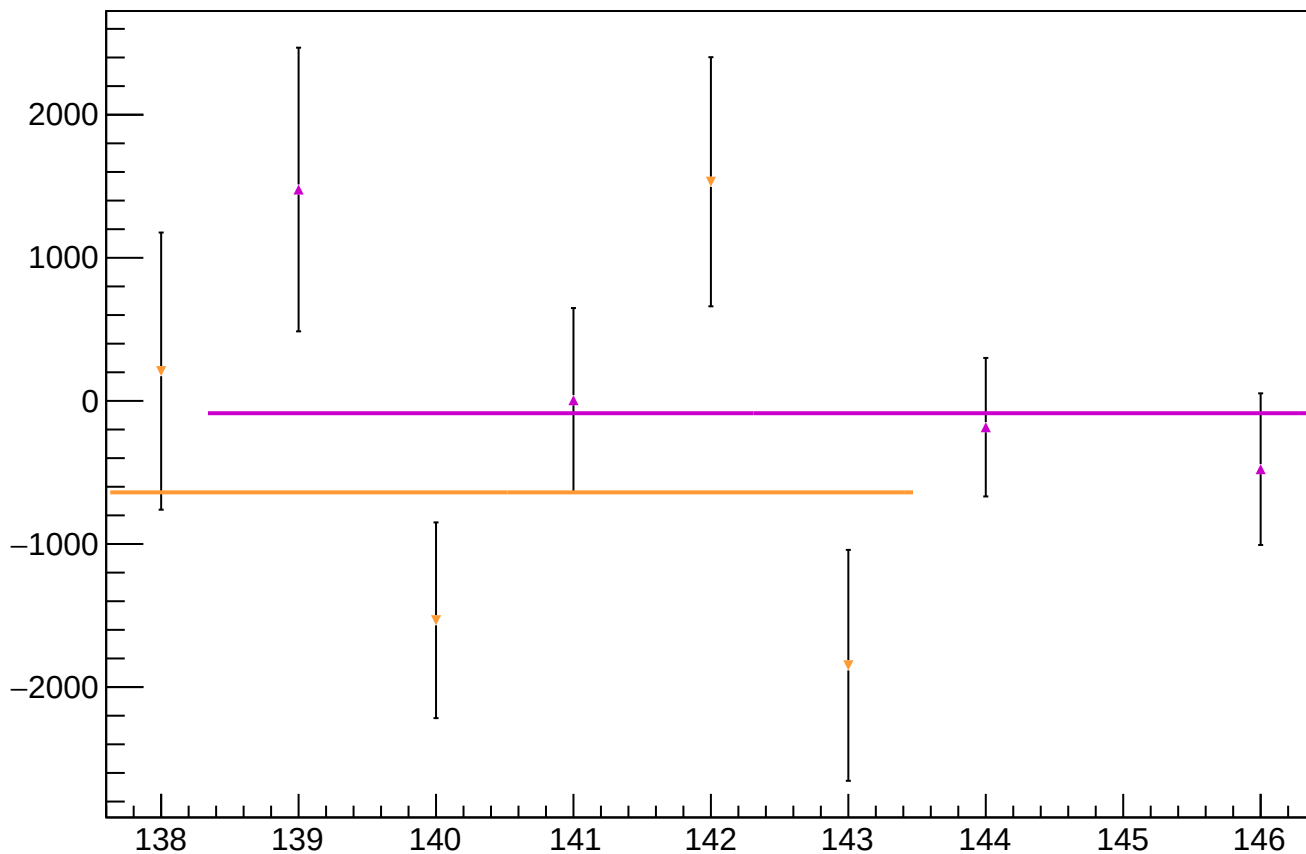
Left In: 99.909+/-0.040 χ^2/NDF : 92945.7/3

102.929+/-0.046 χ^2/NDF : 51233.6/3

101.230+/-0.030 χ^2/NDF : 146631.9/7

99.909+/-0.040 χ^2/NDF : 92945.7/3

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -639.236+/-406.244 χ^2/NDF :10.9/3

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

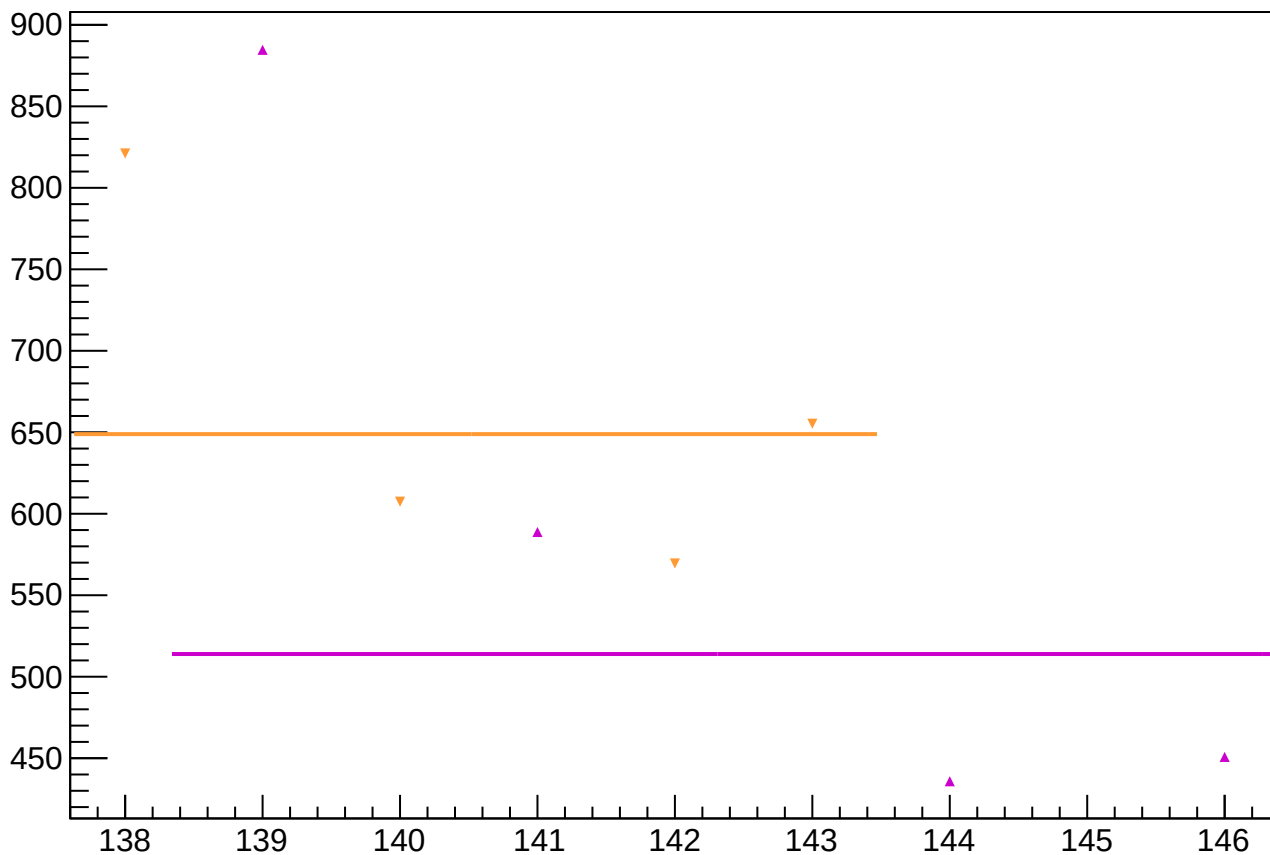
Left In: -85.941+/-298.000 χ^2/NDF :3.1/3

-639.236+/-406.244 χ^2/NDF : 10.9/3

-279.508+/-240.284 χ^2/NDF : 15.2/7

-85.941+/-298.000 χ^2/NDF : 3.1/3

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 648.873+/-0.287 χ^2/NDF : 87345.2/3

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

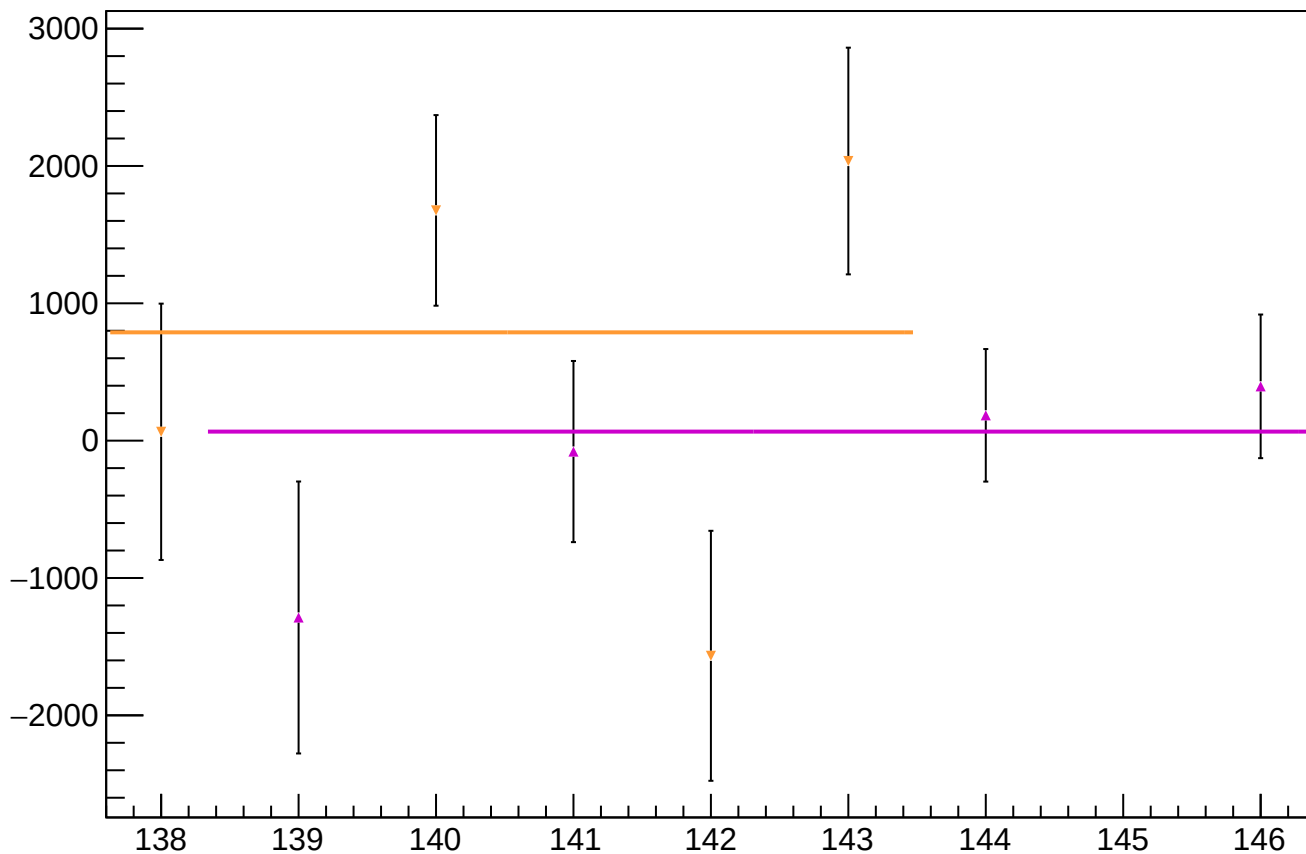
Left In: 513.928+/-0.211 χ^2/NDF : 387267.4/3

648.873+/-0.287 χ^2/NDF : 87345.2/3

561.138+/-0.170 χ^2/NDF : 618090.8/7

513.928+/-0.211 χ^2/NDF : 387267.4/3

asym_sam_37_avg_mean vs Slug, Sign Corrected



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

Left Out: 788.594+/-411.692 χ^2/NDF : 11.2/3

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

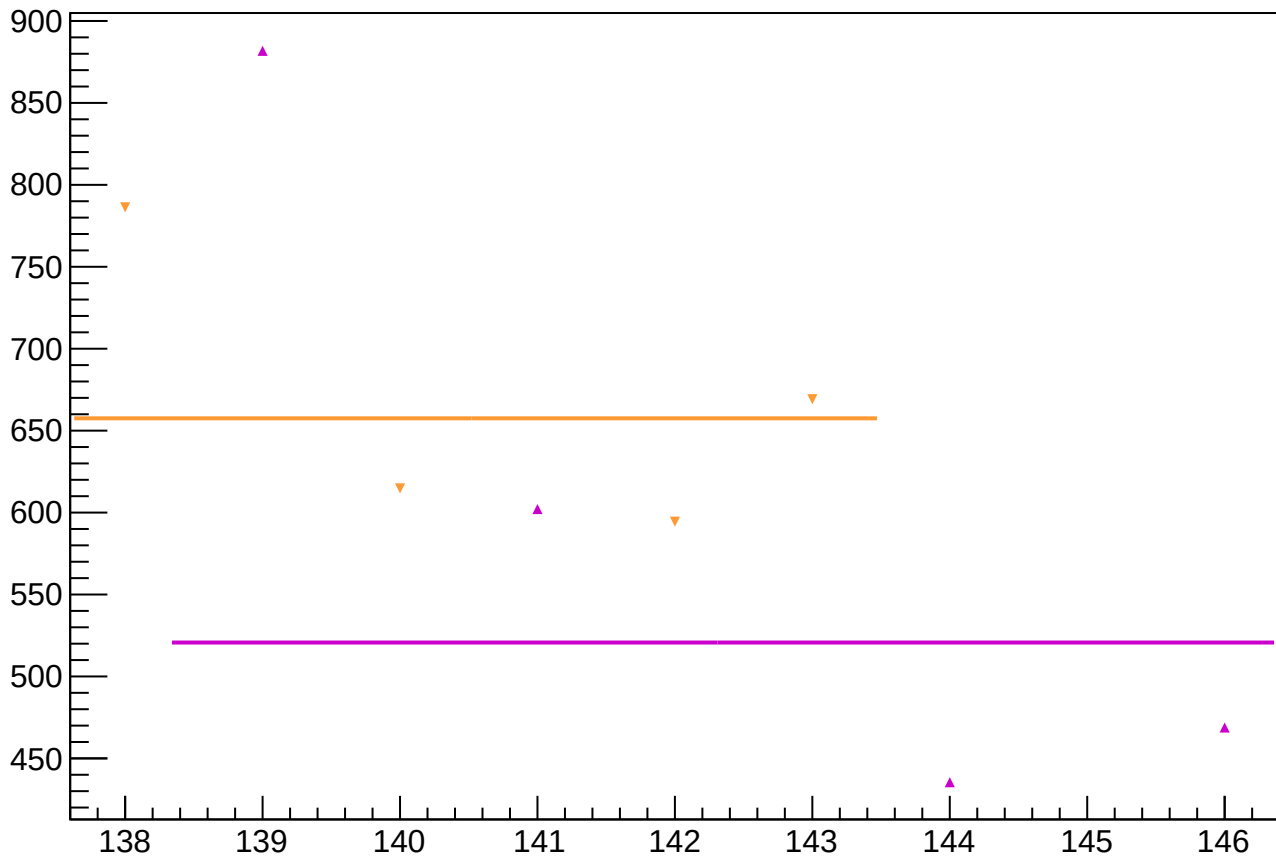
Left In: 65.853+/-297.896 χ^2/NDF : 2.4/3

788.594+/-411.692 χ^2/NDF : 11.2/3

314.224+/-241.341 χ^2/NDF : 15.6/7

65.853+/-297.896 χ^2/NDF : 2.4/3

asym_sam_37_avg_rms vs Slug, Sign Corrected



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

Left Out: 657.527+/-0.291 χ^2/NDF : 55668.0/3

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

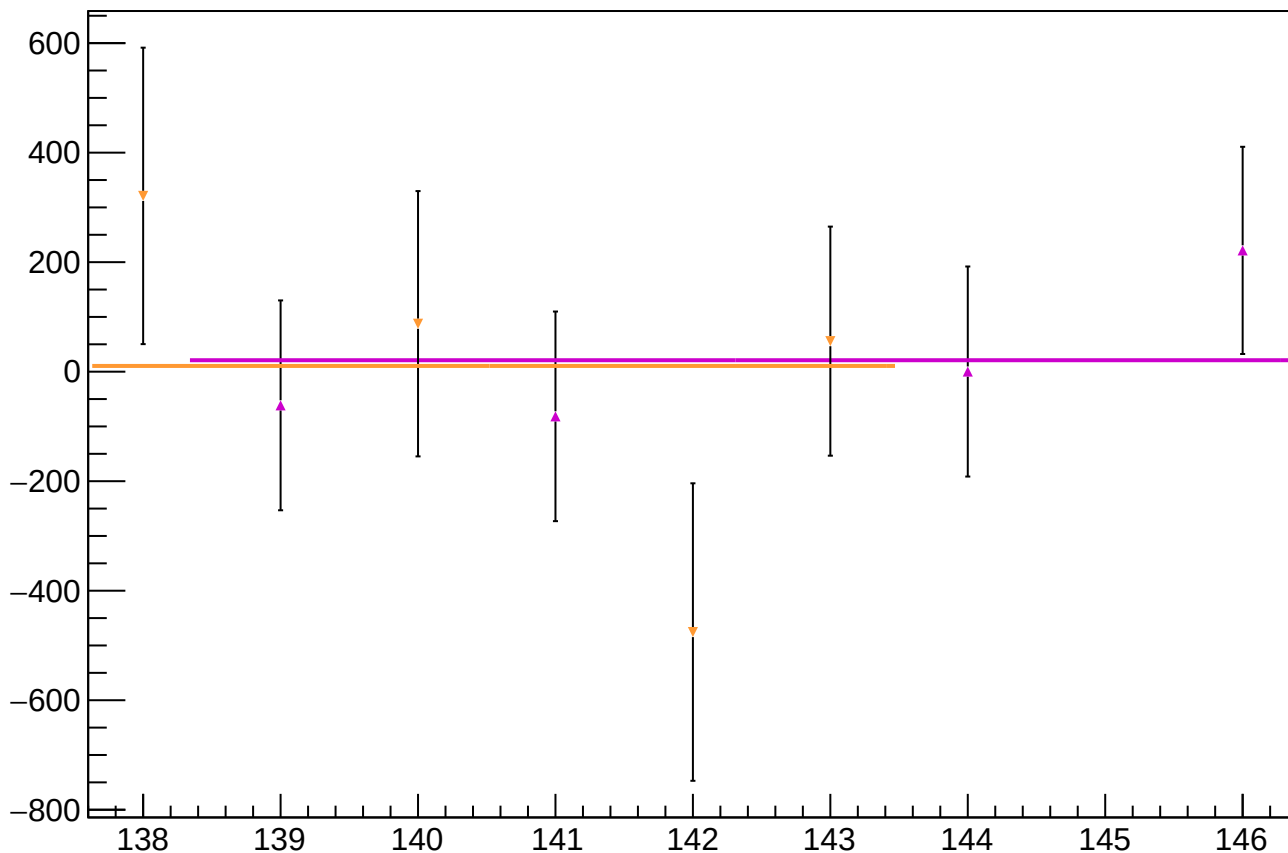
Left In: 520.699+/-0.211 χ^2/NDF : 378601.0/3

657.527+/-0.291 χ^2/NDF : 55668.0/3

567.720+/-0.171 χ^2/NDF : 579270.5/7

520.699+/-0.211 χ^2/NDF : 378601.0/3

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 10.481+/-122.086 χ^2/NDF : 4.7/3

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

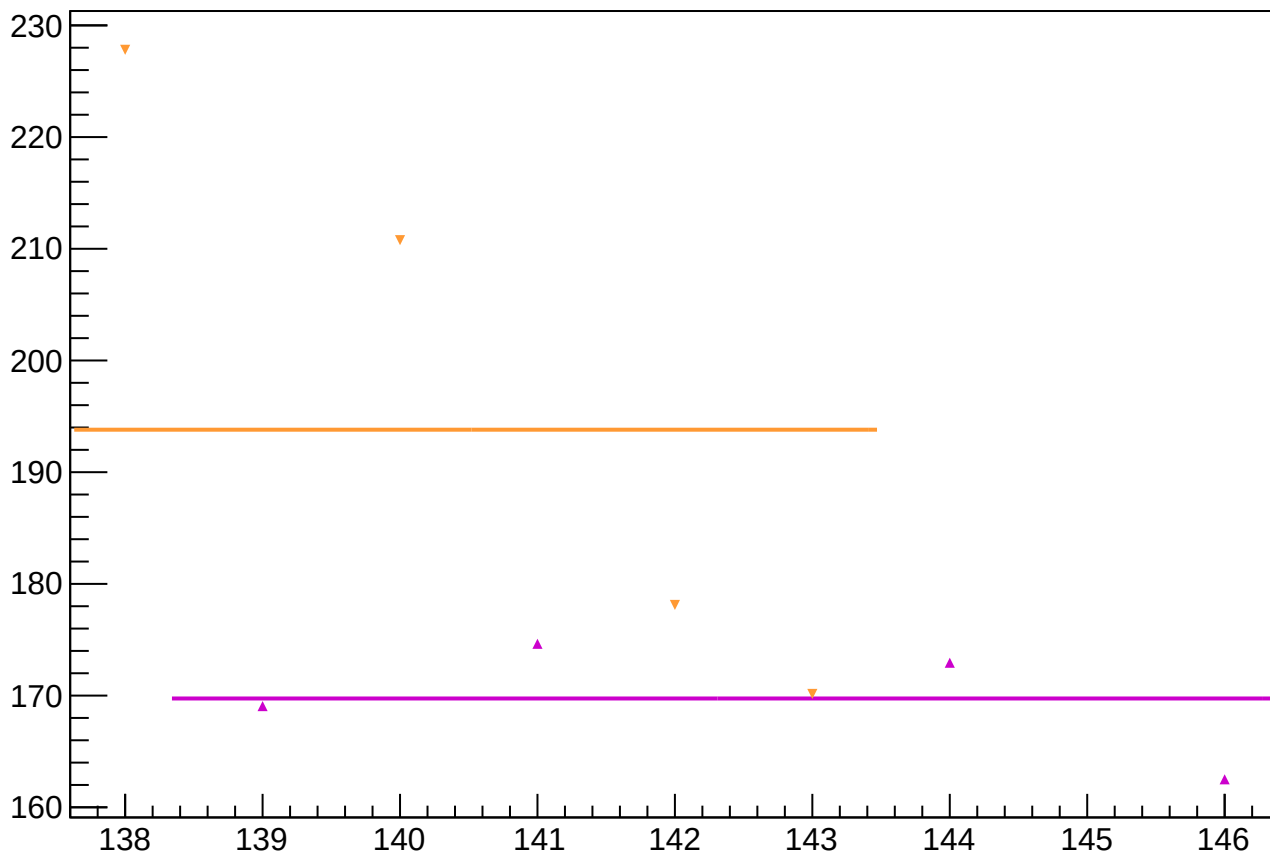
Left In: 20.931+/-95.500 χ^2/NDF : 1.6/3

10.481+/-122.086 χ^2/NDF : 4.7/3

16.964+/-75.221 χ^2/NDF : 6.3/7

20.931+/-95.500 χ^2/NDF : 1.6/3

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 193.804+/-0.086 χ^2/NDF : 73625.4/3

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

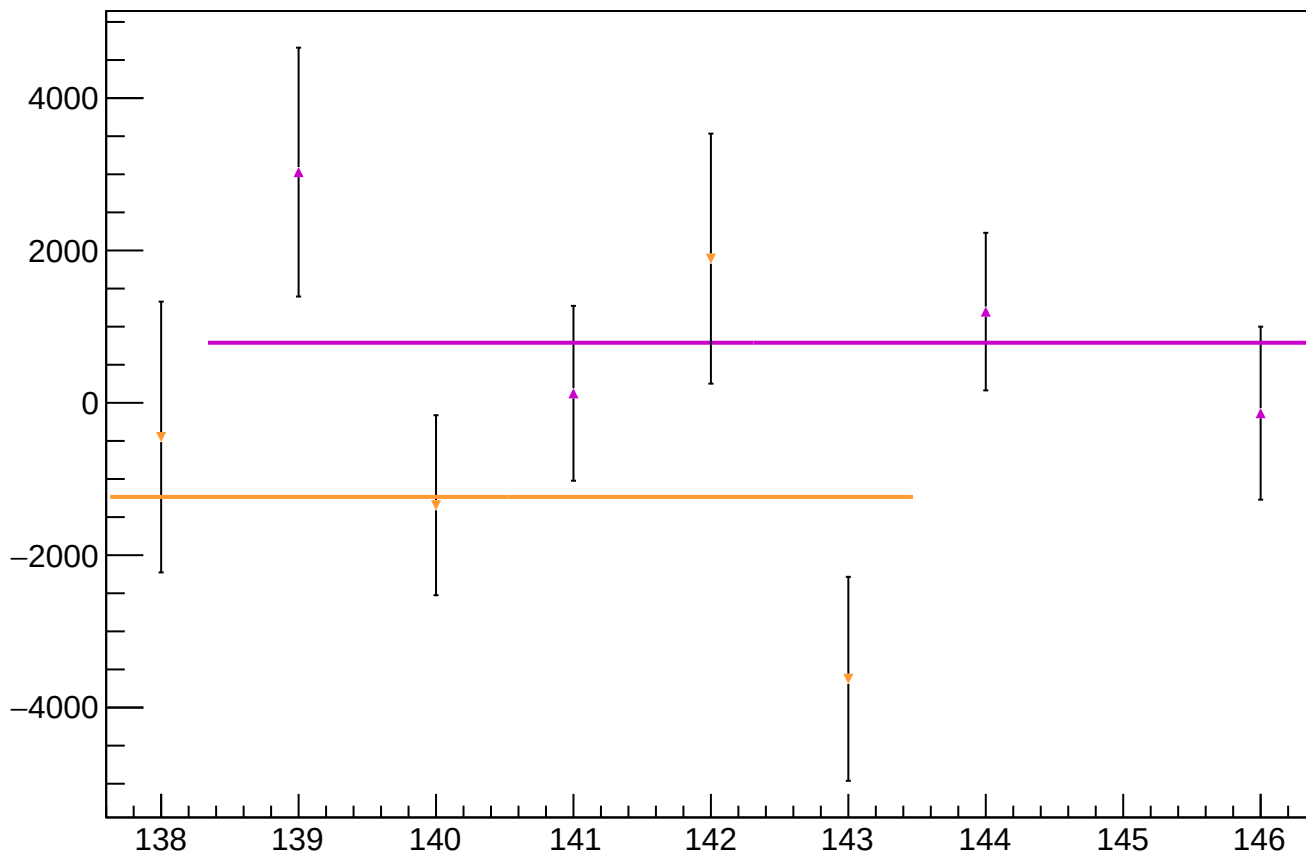
Left In: 169.741+/-0.068 χ^2/NDF : 4816.7/3

193.804+/-0.086 χ^2/NDF : 73625.4/3

178.875+/-0.053 χ^2/NDF : 126642.3/7

169.741+/-0.068 χ^2/NDF : 4816.7/3

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1234.947+/-713.896 χ^2/NDF : 7.0/3

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

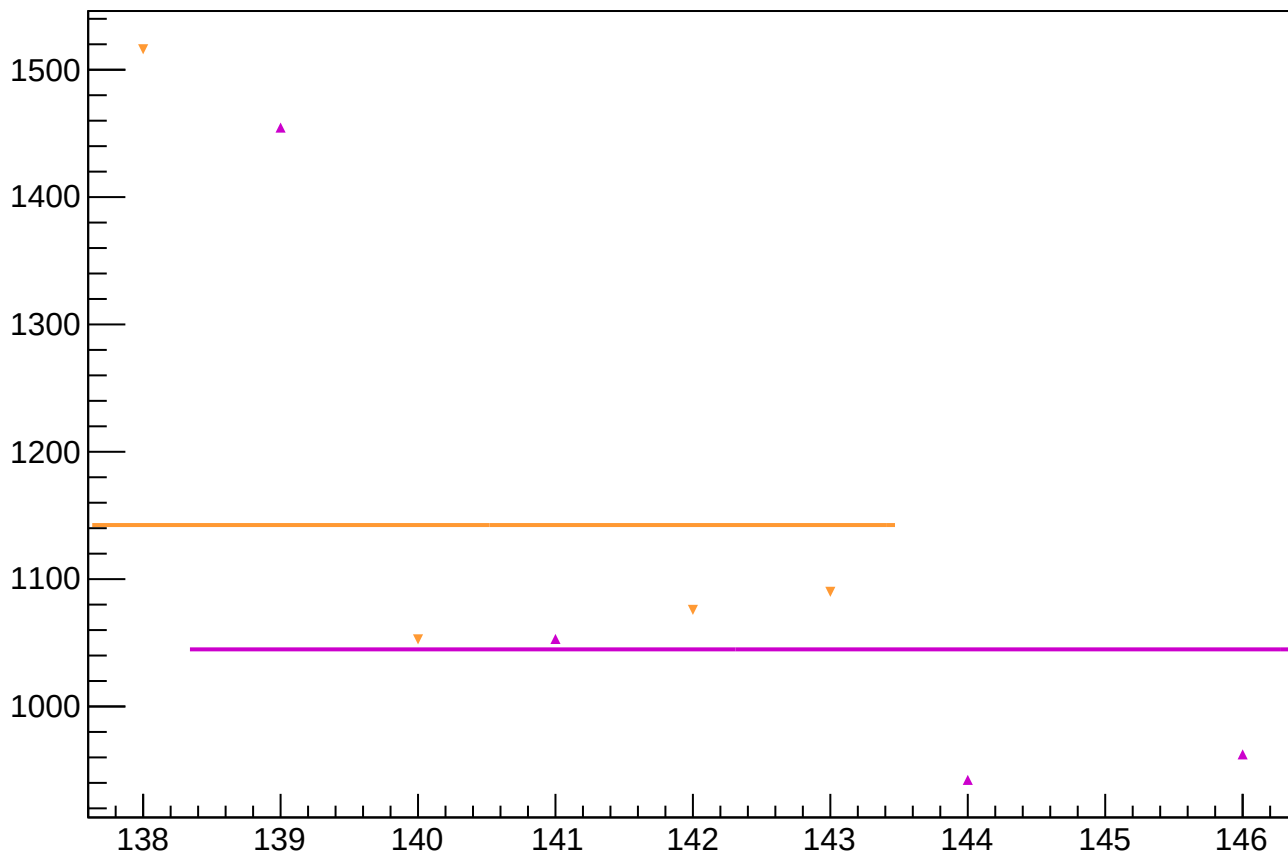
Left In: 789.058+/-592.921 χ^2/NDF : 3.0/3

-1234.947+/-713.896 χ^2/NDF : 7.0/3

-37.170+/-456.120 χ^2/NDF : 14.8/7

789.058+/-592.921 χ^2/NDF : 3.0/3

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1142.473+/-0.505 χ^2/NDF :106301.0/3

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

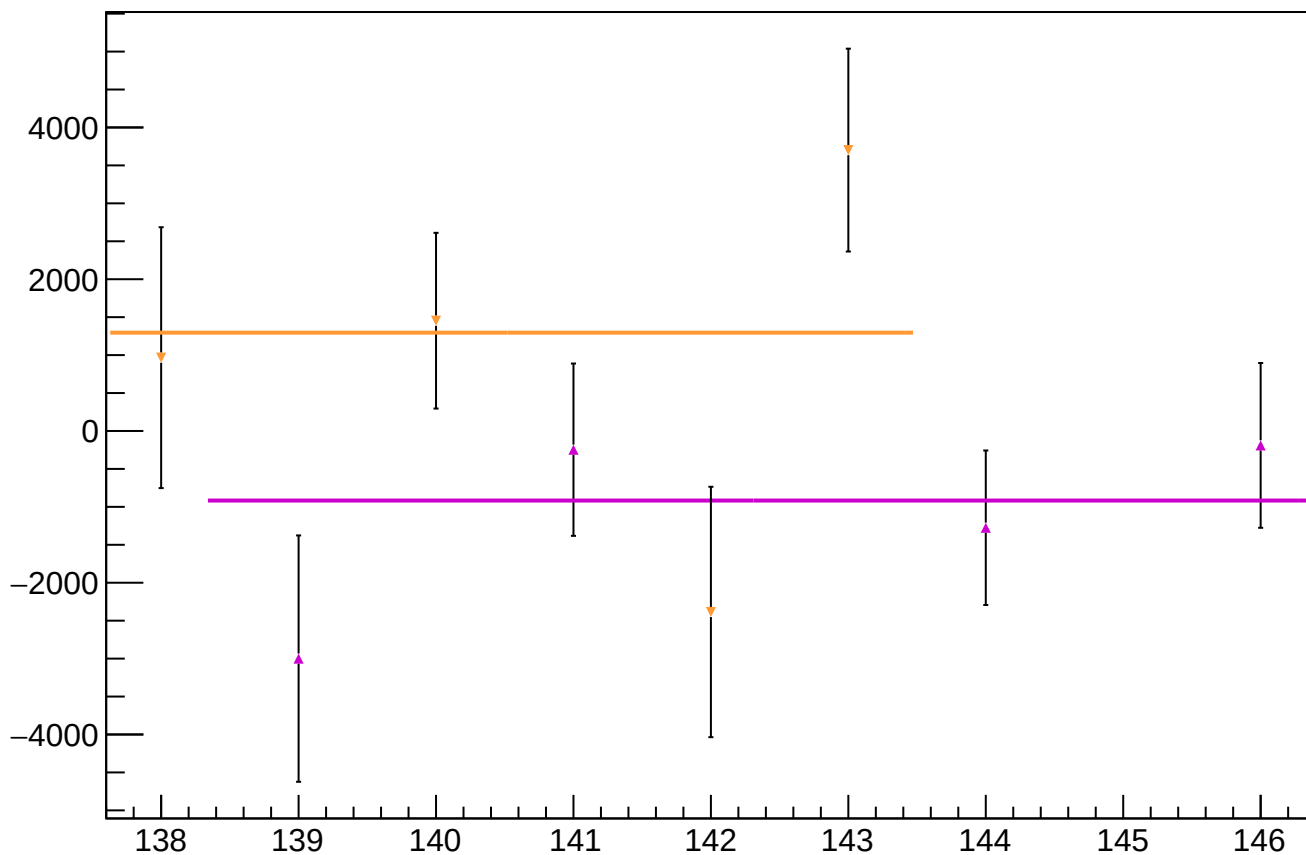
Left In: 1044.847+/-0.419 χ^2/NDF :156131.1/3

1142.473+/-0.505 χ^2/NDF : 106301.0/3

1084.699+/-0.323 χ^2/NDF : 284566.3/7

1044.847+/-0.419 χ^2/NDF : 156131.1/3

asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: 1295.728+/-705.139 χ^2/NDF : 8.3/3

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

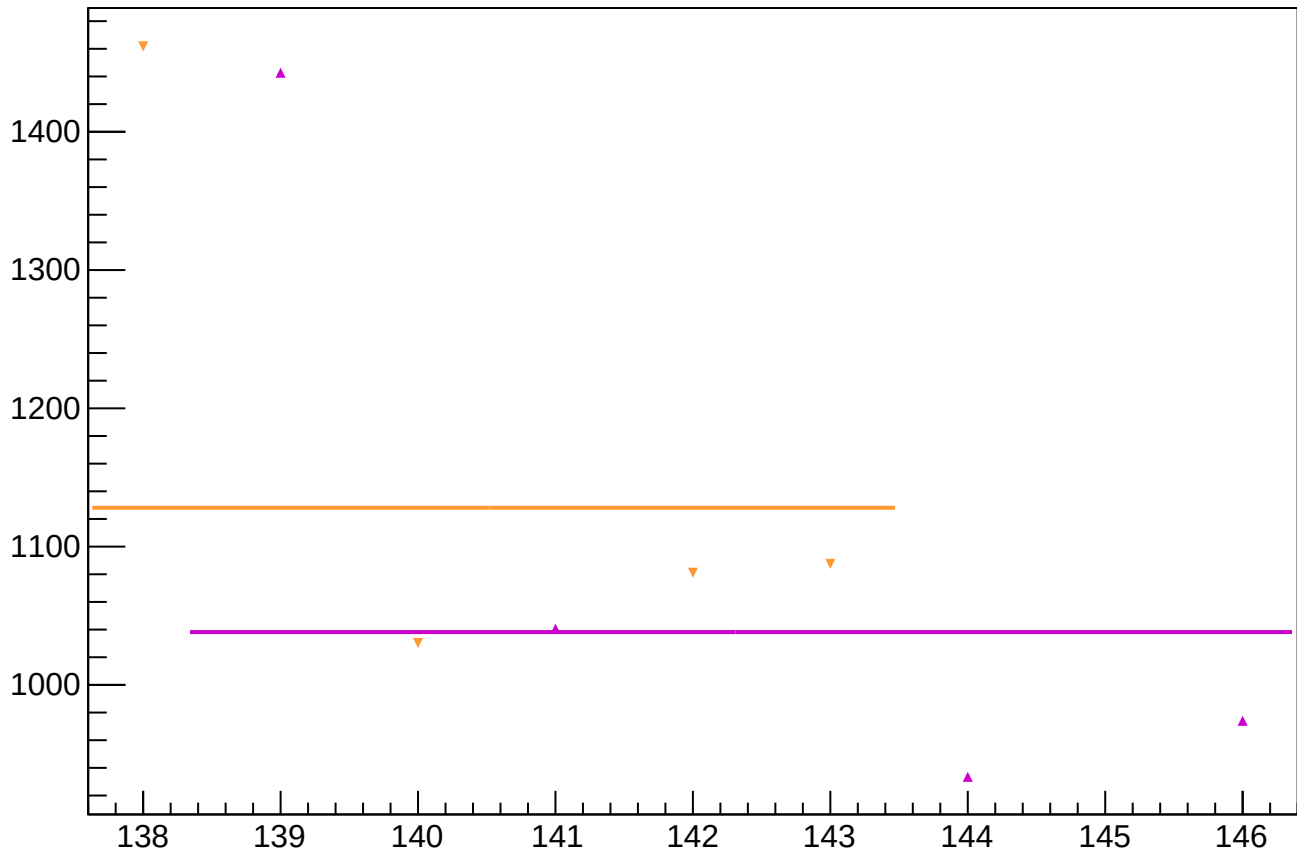
Left In: -916.865+/-580.422 χ^2/NDF : 2.6/3

1295.728+/-705.139 χ^2/NDF : 8.3/3

-23.220+/-448.133 χ^2/NDF : 16.7/7

-916.865+/-580.422 χ^2/NDF : 2.6/3

asym_sam_48_avg_rms vs Slug, Sign Corrected



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

Left Out: 1128.098+/-0.499 χ^2/NDF : 93099.4/3

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

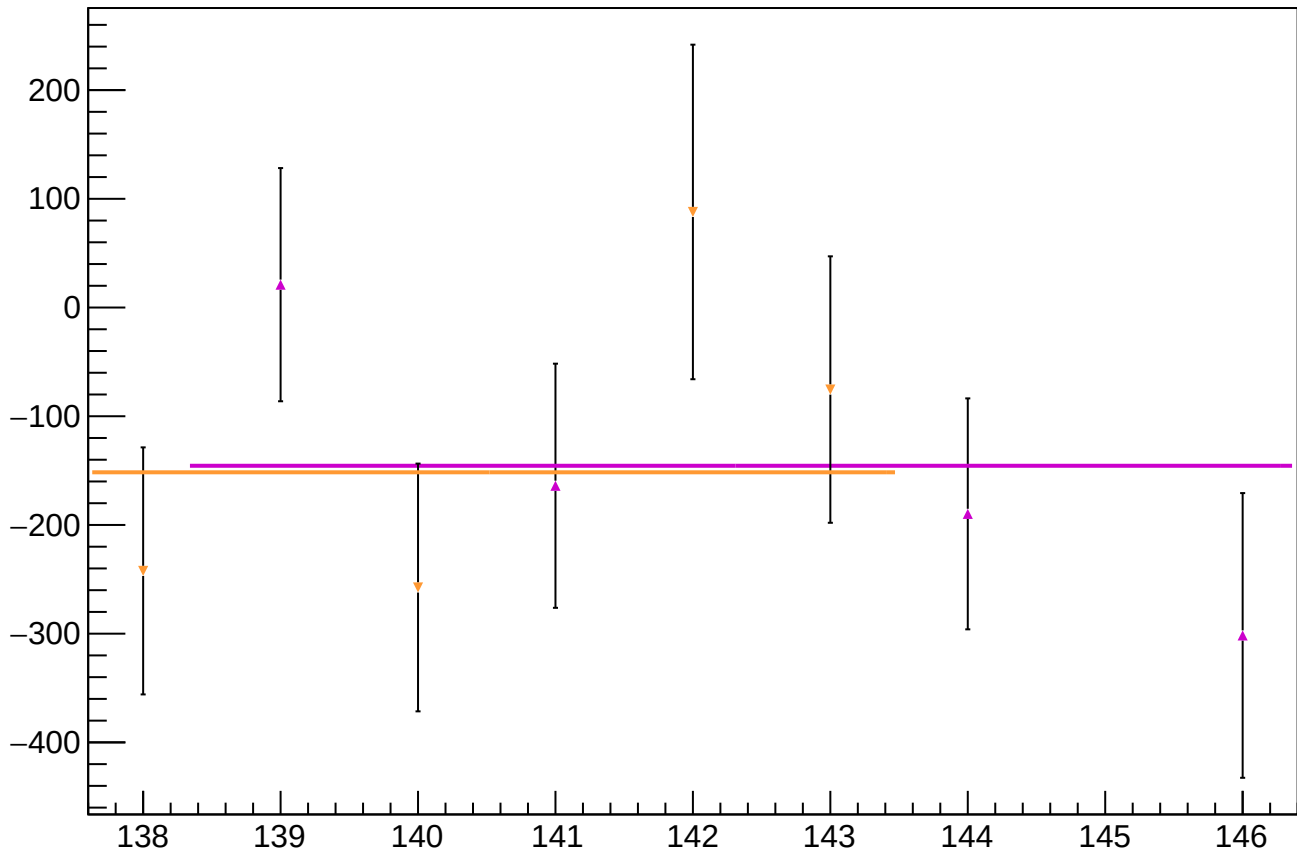
Left In: 1038.199+/-0.410 χ^2/NDF : 152297.4/3

1128.098+/-0.499 χ^2/NDF : 93099.4/3

1074.508+/-0.317 χ^2/NDF : 264775.1/7

1038.199+/-0.410 χ^2/NDF : 152297.4/3

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -151.570+/-61.628 χ^2/NDF : 4.3/3

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

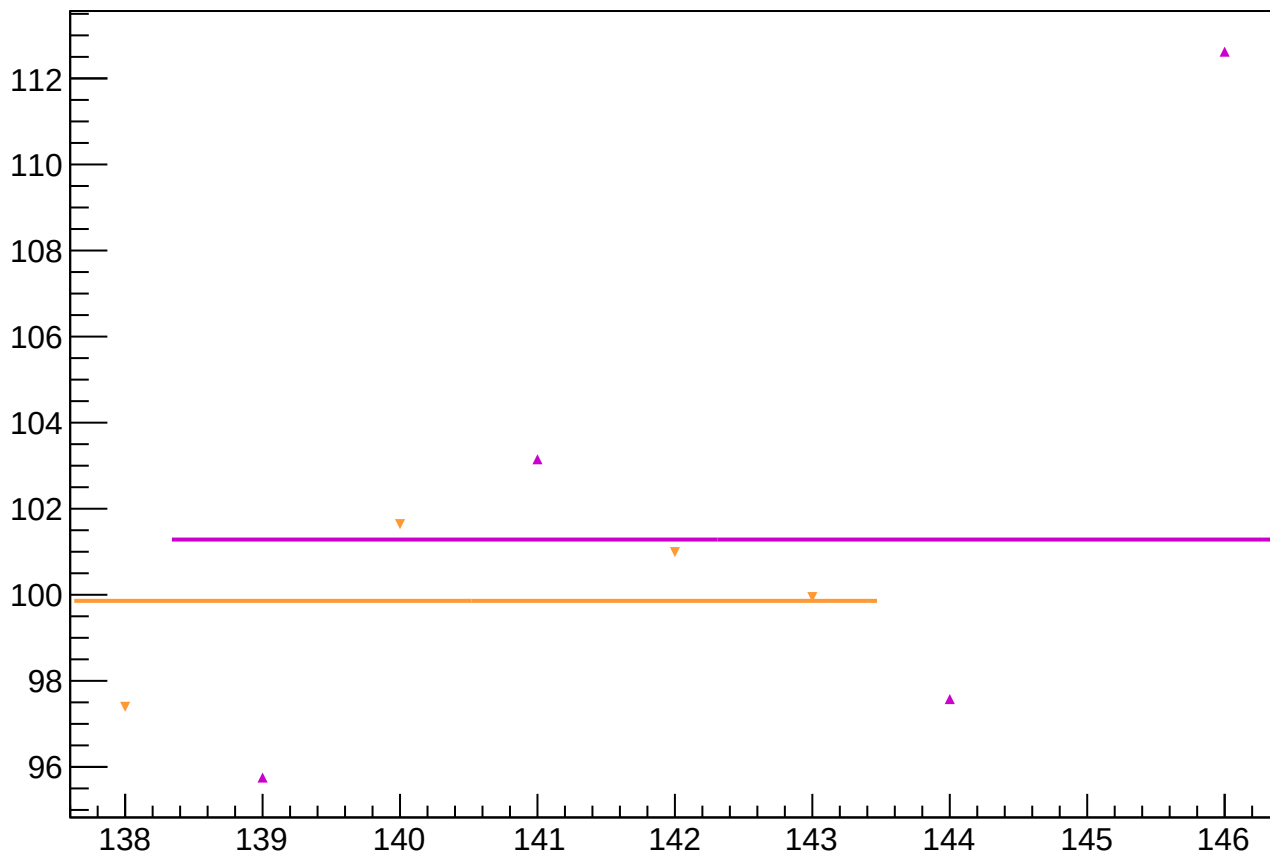
Left In: -145.555+/-56.507 χ^2/NDF : 4.0/3

-151.570+/-61.628 χ^2/NDF : 4.3/3

-148.302+/-41.649 χ^2/NDF : 8.3/7

-145.555+/-56.507 χ^2/NDF : 4.0/3

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 99.859+/-0.044 χ^2/NDF : 1538.3/3

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

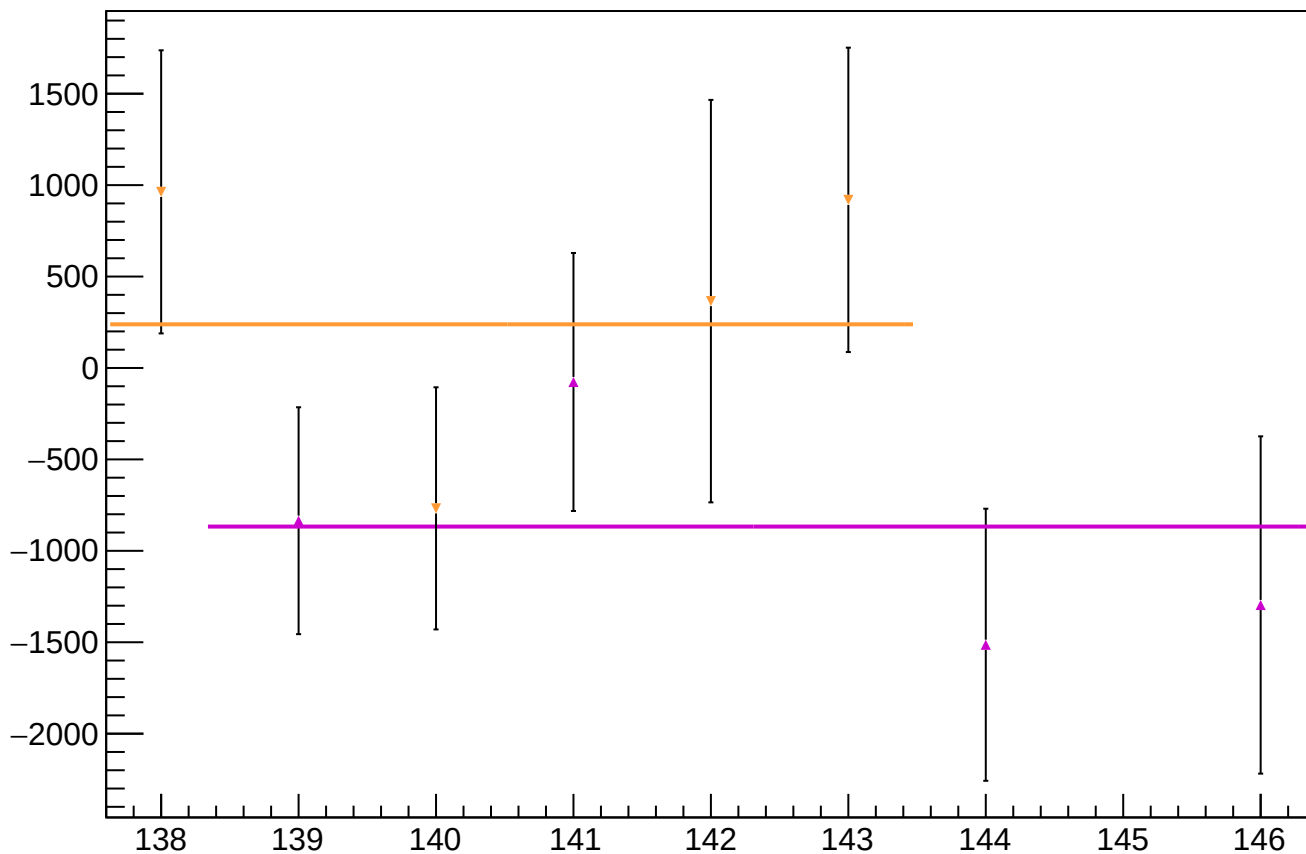
Left In: 101.283+/-0.040 χ^2/NDF : 23299.3/3

99.859+/-0.044 χ^2/NDF : 1538.3/3

100.633+/-0.029 χ^2/NDF : 25417.8/7

101.283+/-0.040 χ^2/NDF : 23299.3/3

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 238.759+/-401.011 χ^2/NDF : 3.9/3

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

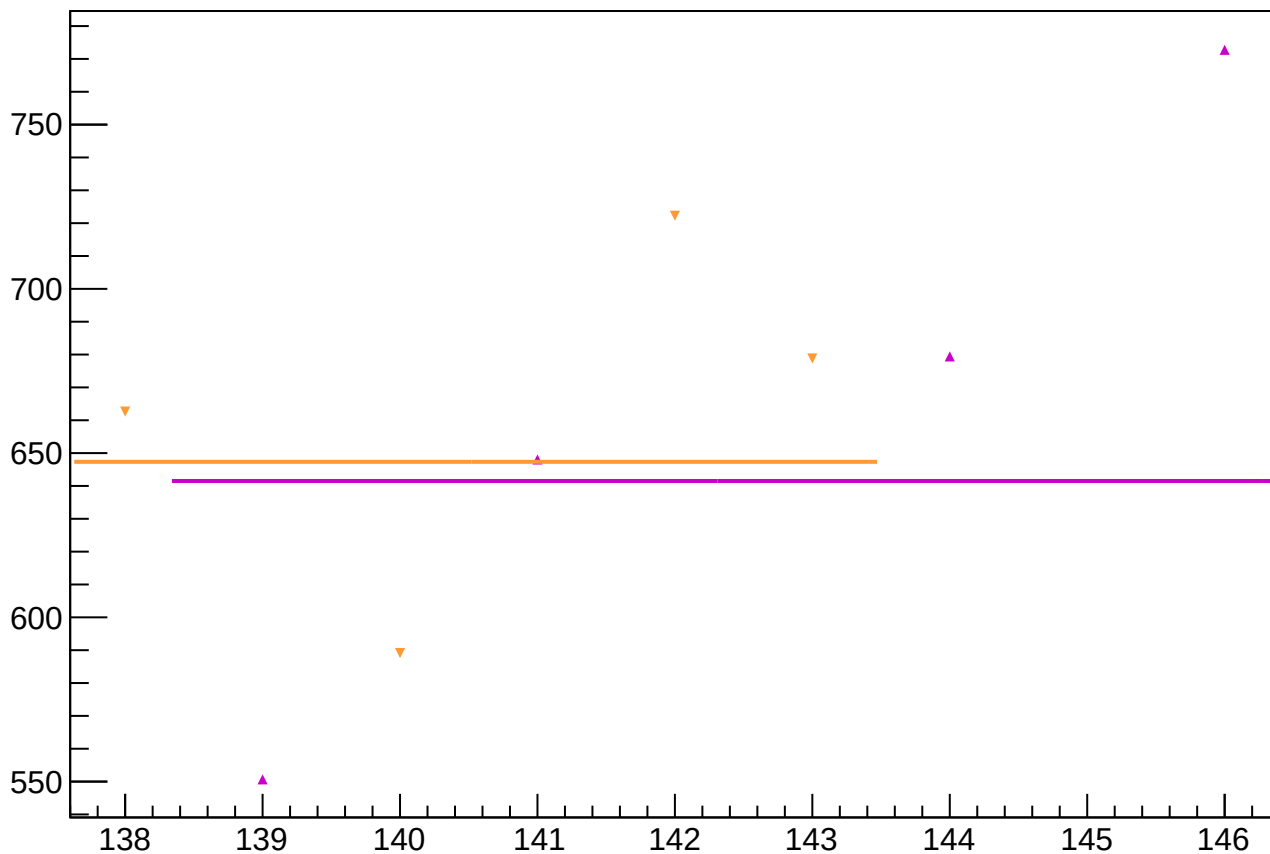
Left In: -867.333+/-362.999 χ^2/NDF : 2.2/3

238.759+/-401.011 χ^2/NDF : 3.9/3

-369.183+/-269.117 χ^2/NDF : 10.3/7

-867.333+/-362.999 χ^2/NDF : 2.2/3

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 647.346+/-0.284 χ^2/NDF : 28361.4/3

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

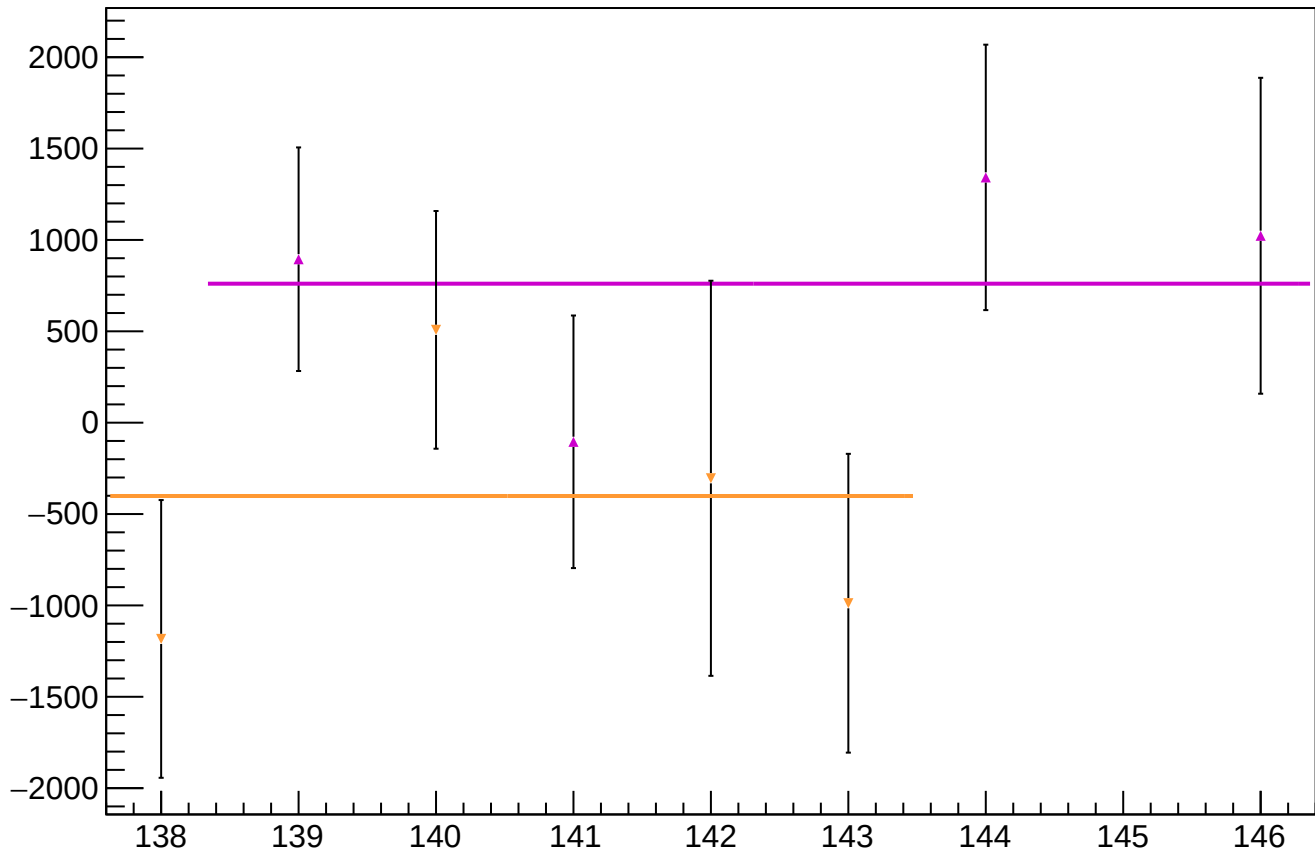
Left In: 641.514+/-0.257 χ^2/NDF : 88749.2/3

647.346+/-0.284 χ^2/NDF : 28361.4/3

644.140+/-0.190 χ^2/NDF : 117343.2/7

641.514+/-0.257 χ^2/NDF : 88749.2/3

asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -401.275+/-393.841 χ^2/NDF : 3.5/3

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

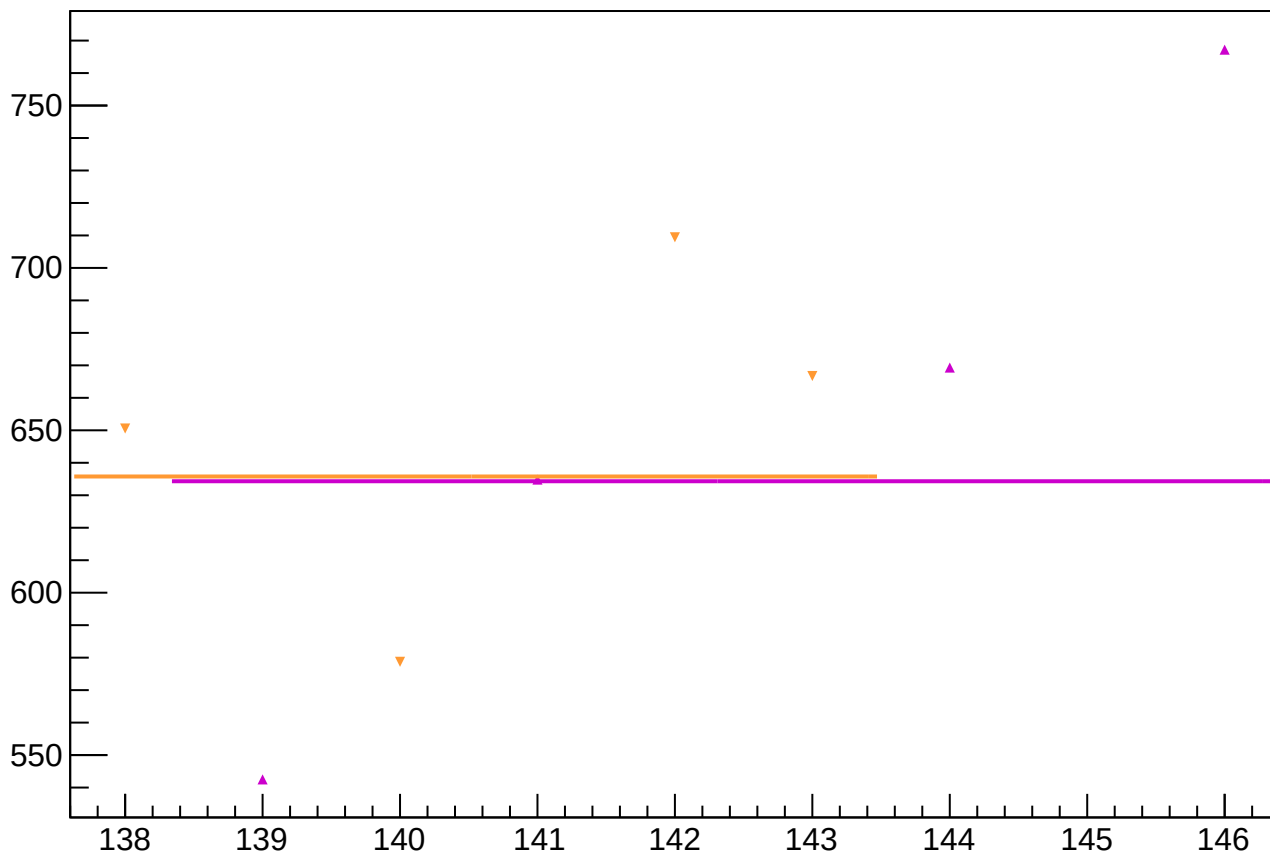
Left In: 760.602+/-353.558 χ^2/NDF : 2.3/3

-401.275+/-393.841 χ^2/NDF : 3.5/3

242.105+/-263.096 χ^2/NDF : 10.7/7

760.602+/-353.558 χ^2/NDF : 2.3/3

asym_sam_15_dd_rms vs Slug, Sign Corrected



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

Left Out: 635.780+/-0.278 χ^2/NDF : 28294.3/3

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

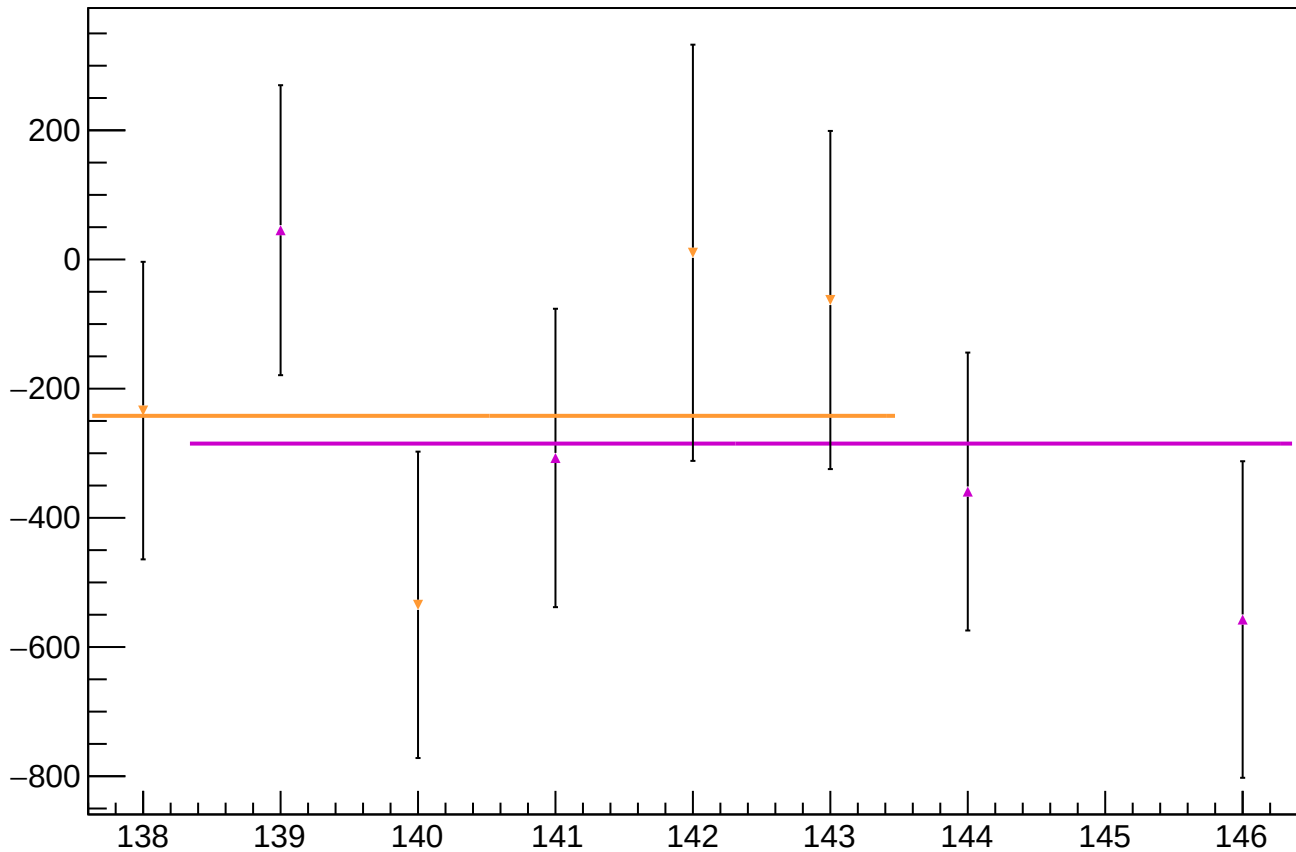
Left In: 634.316+/-0.250 χ^2/NDF : 96956.9/3

635.780+/-0.278 χ^2/NDF : 28294.3/3

634.970+/-0.186 χ^2/NDF : 125266.6/7

634.316+/-0.250 χ^2/NDF : 96956.9/3

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -242.062+/-128.190 χ^2/NDF : 2.6/3

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

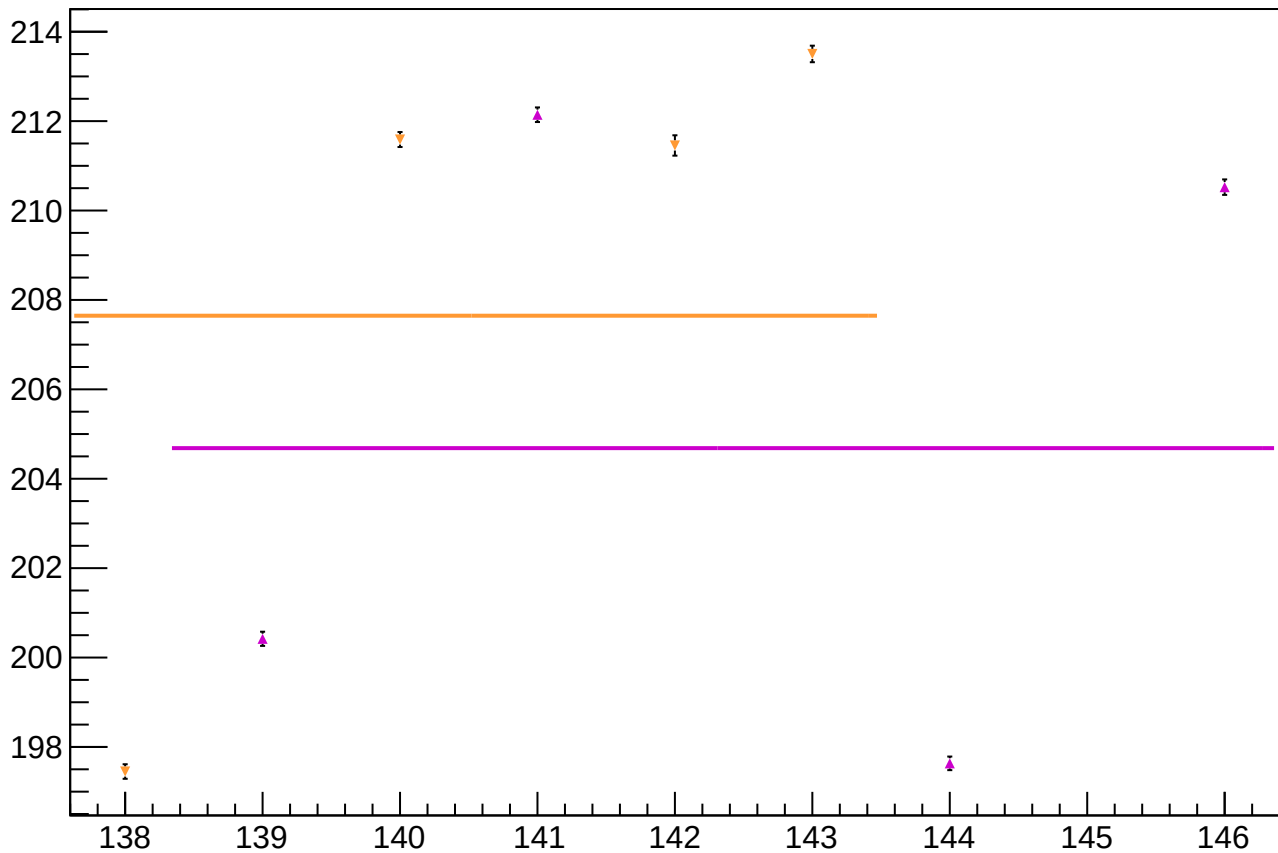
Left In: -285.037+/-114.073 χ^2/NDF : 3.5/3

-242.062+/-128.190 χ^2/NDF : 2.6/3

-266.046+/-85.217 χ^2/NDF : 6.2/7

-285.037+/-114.073 χ^2/NDF : 3.5/3

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 207.647 $\pm$ 0.091 χ^2 /NDF: 5752.4/3

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

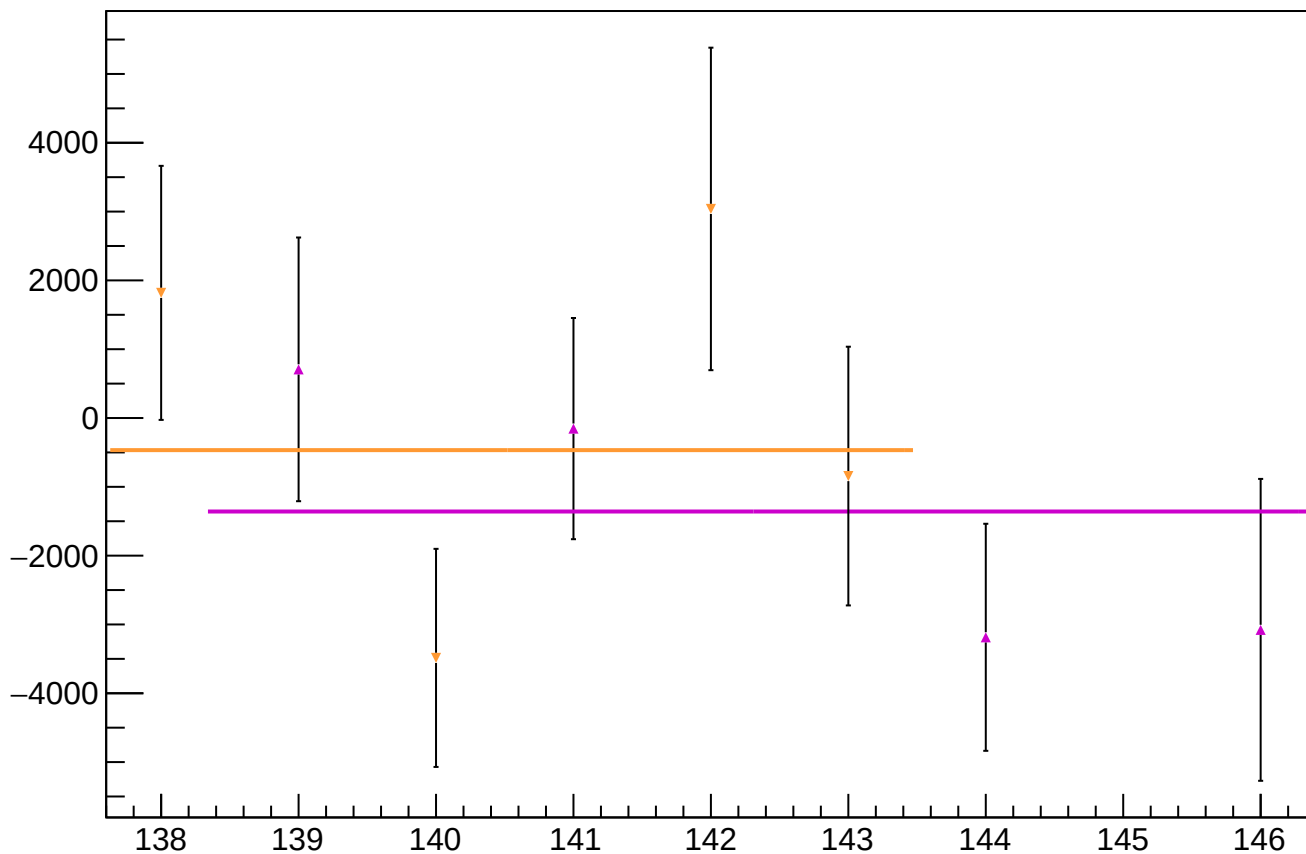
Left In: 204.685 $\pm$ 0.081 χ^2 /NDF: 6091.3/3

207.647 $\pm$ 0.091 χ^2 /NDF: 5752.4/3

205.994 $\pm$ 0.060 χ^2 /NDF: 12439.7/7

204.685 $\pm$ 0.081 χ^2 /NDF: 6091.3/3

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -466.674+/-929.772 χ^2/NDF : 7.4/3

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

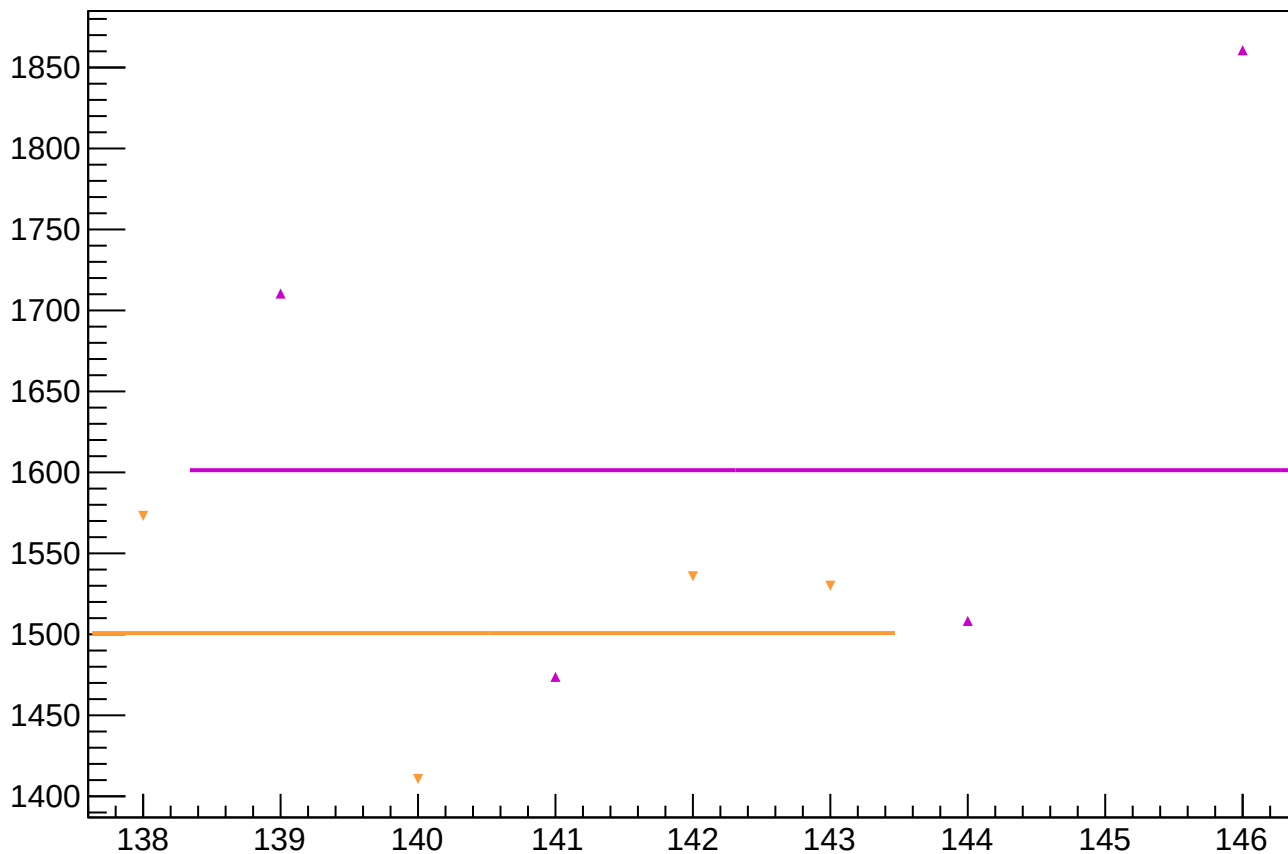
Left In: -1358.618+/-899.945 χ^2/NDF : 3.6/3

-466.674+/-929.772 χ^2/NDF : 7.4/3

-927.182+/-646.645 χ^2/NDF : 11.5/7

-1358.618+/-899.945 χ^2/NDF : 3.6/3

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1500.796+/-0.657 χ^2/NDF : 10469.4/3

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

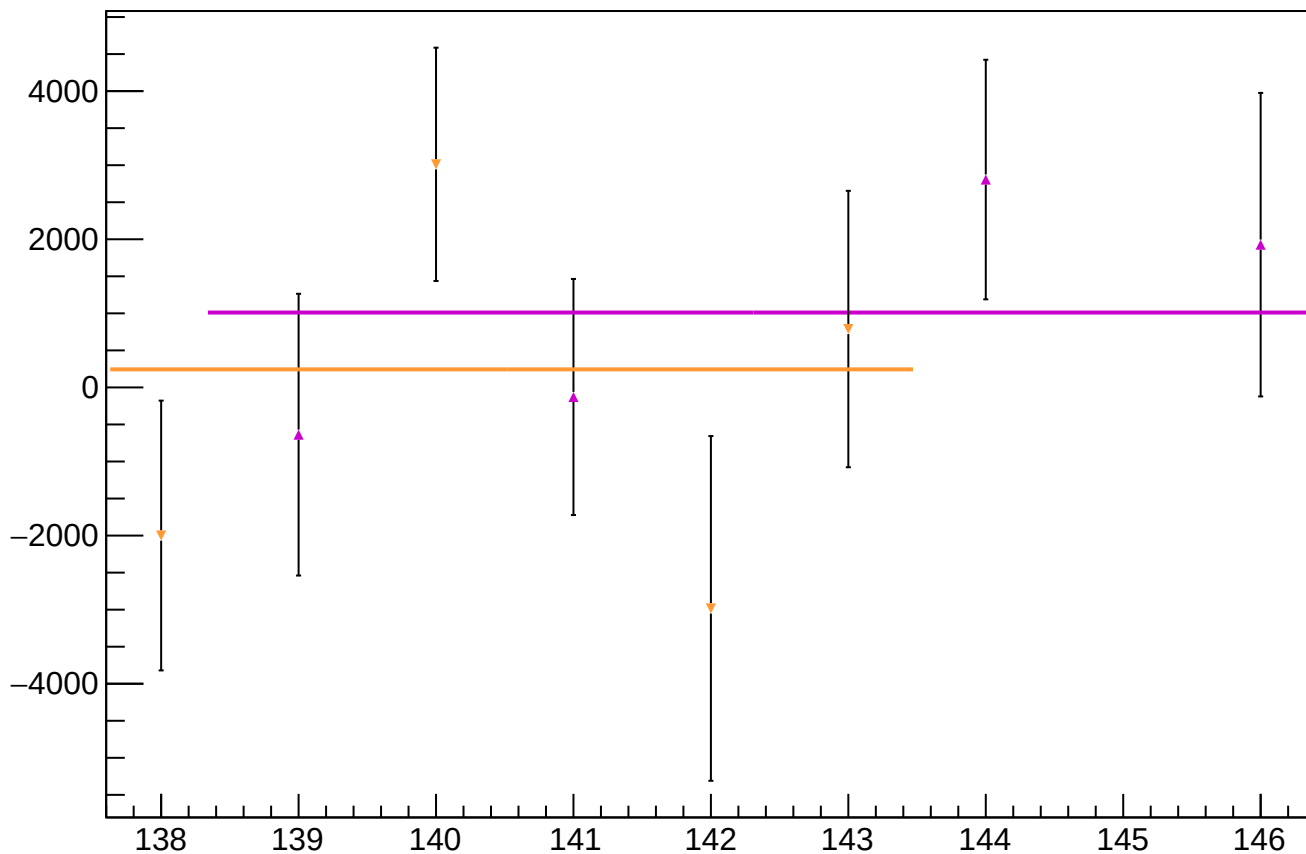
Left In: 1601.369+/-0.636 χ^2/NDF : 53409.7/3

1500.796+/-0.657 χ^2/NDF : 10469.4/3

1552.722+/-0.457 χ^2/NDF : 75961.1/7

1601.369+/-0.636 χ^2/NDF : 53409.7/3

asym_sam_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 243.772+/-921.837 χ^2/NDF : 6.6/3

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

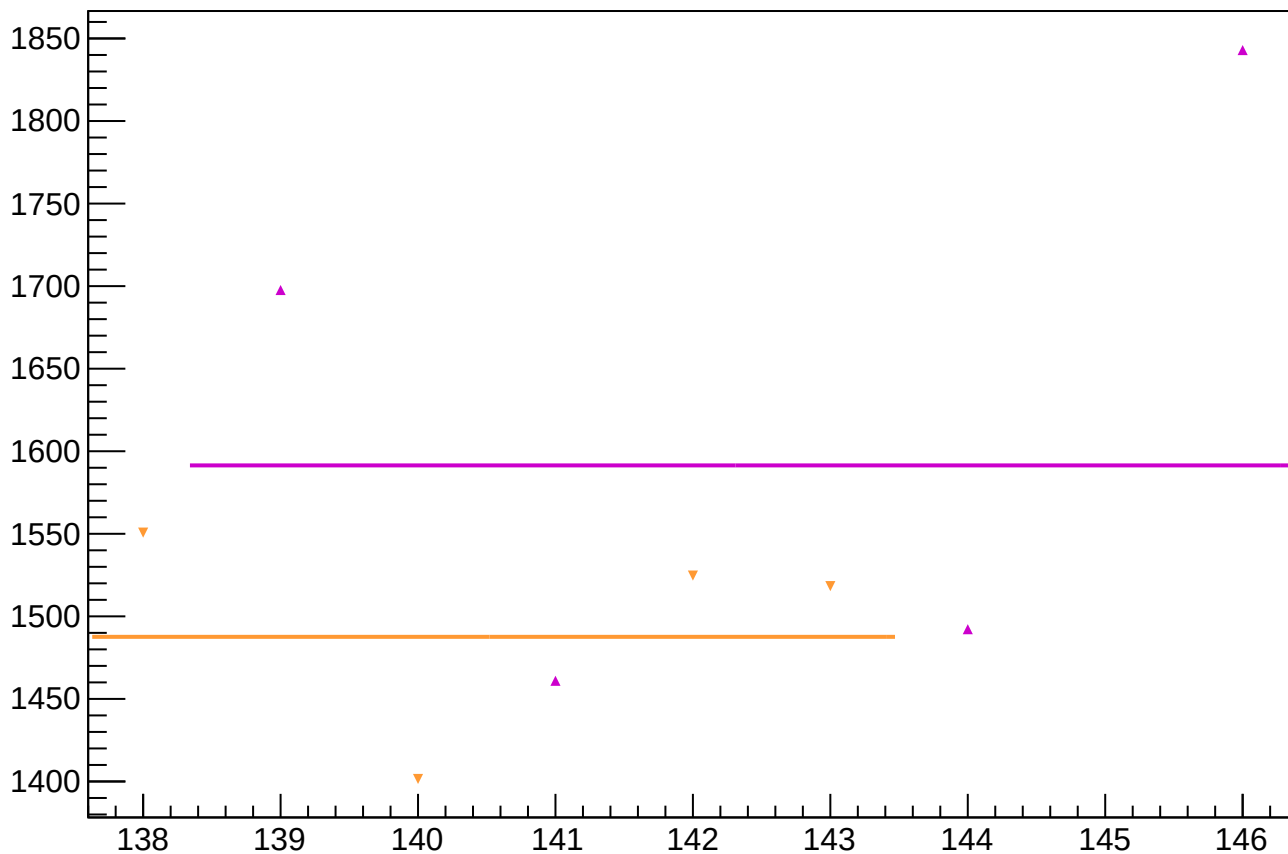
Left In: 1010.897+/-880.161 χ^2/NDF : 2.7/3

243.772+/-921.837 χ^2/NDF : 6.6/3

645.067+/-636.592 χ^2/NDF : 9.7/7

1010.897+/-880.161 χ^2/NDF : 2.7/3

asym_sam_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 1487.595+/-0.652 χ^2/NDF : 9428.7/3

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

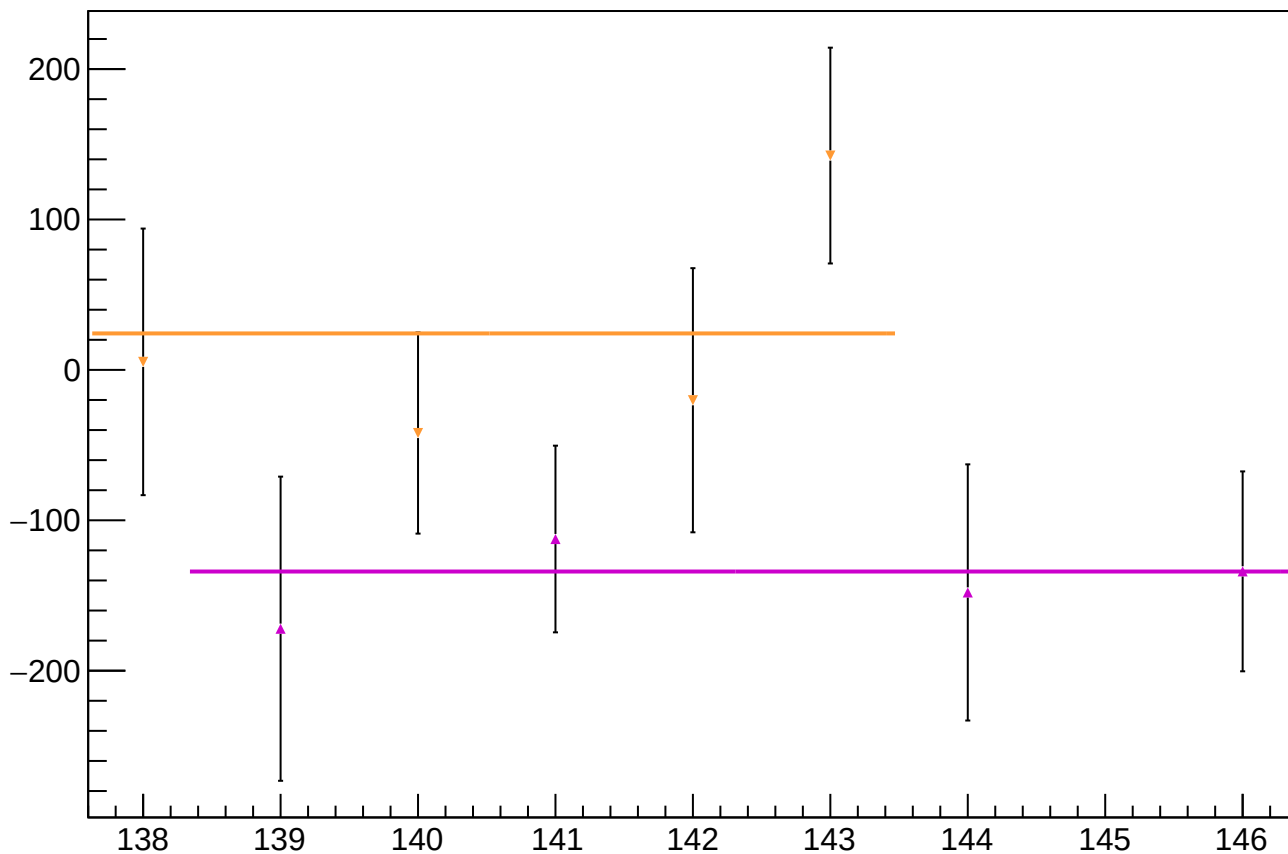
Left In: 1591.427+/-0.622 χ^2/NDF : 57313.2/3

1487.595+/-0.652 χ^2/NDF : 9428.7/3

1541.911+/-0.450 χ^2/NDF : 80015.3/7

1591.427+/-0.622 χ^2/NDF : 57313.2/3

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 24.246 ± 38.492 χ^2/NDF : 4.0/3

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

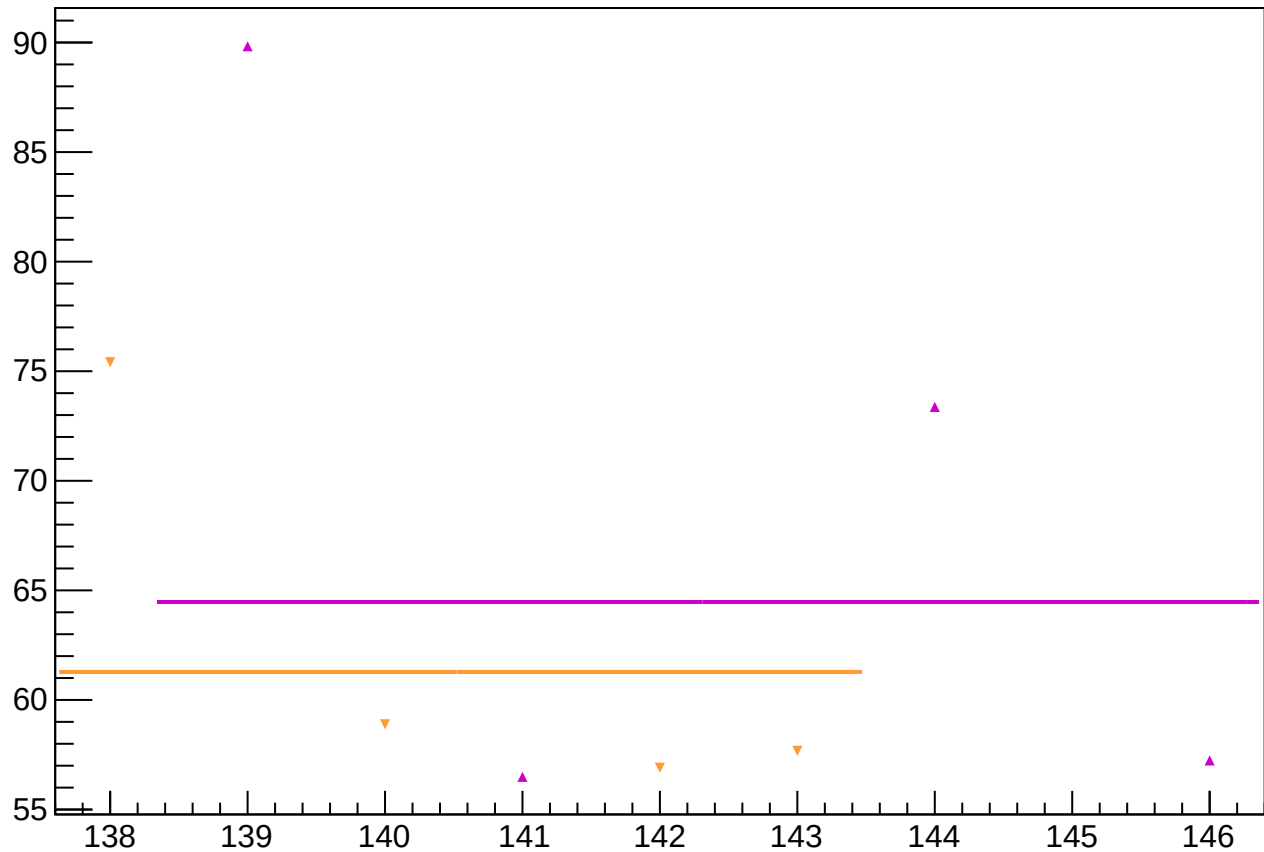
Left In: -134.058 ± 37.223 χ^2/NDF : 0.3/3

24.246 ± 38.492 χ^2/NDF : 4.0/3

-57.559 ± 26.758 χ^2/NDF : 13.0/7

-134.058 ± 37.223 χ^2/NDF : 0.3/3

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 61.277+/-0.027 χ^2/NDF : 63398.3/3

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

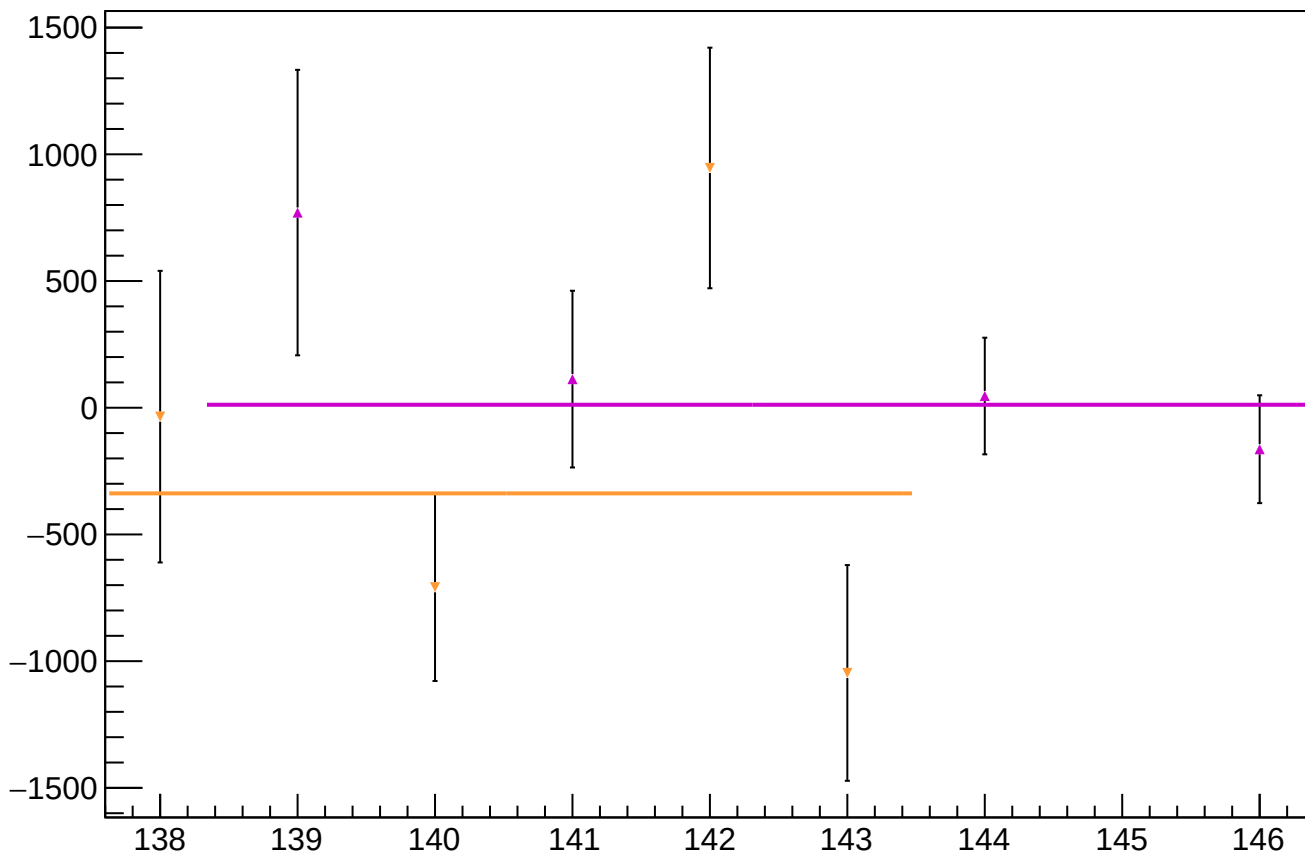
Left In: 64.469+/-0.026 χ^2/NDF : 204371.7/3

61.277+/-0.027 χ^2/NDF : 63398.3/3

62.927+/-0.019 χ^2/NDF : 274876.0/7

64.469+/-0.026 χ^2/NDF : 204371.7/3

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -337.918+/-222.062 χ^2/NDF : 11.4/3

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

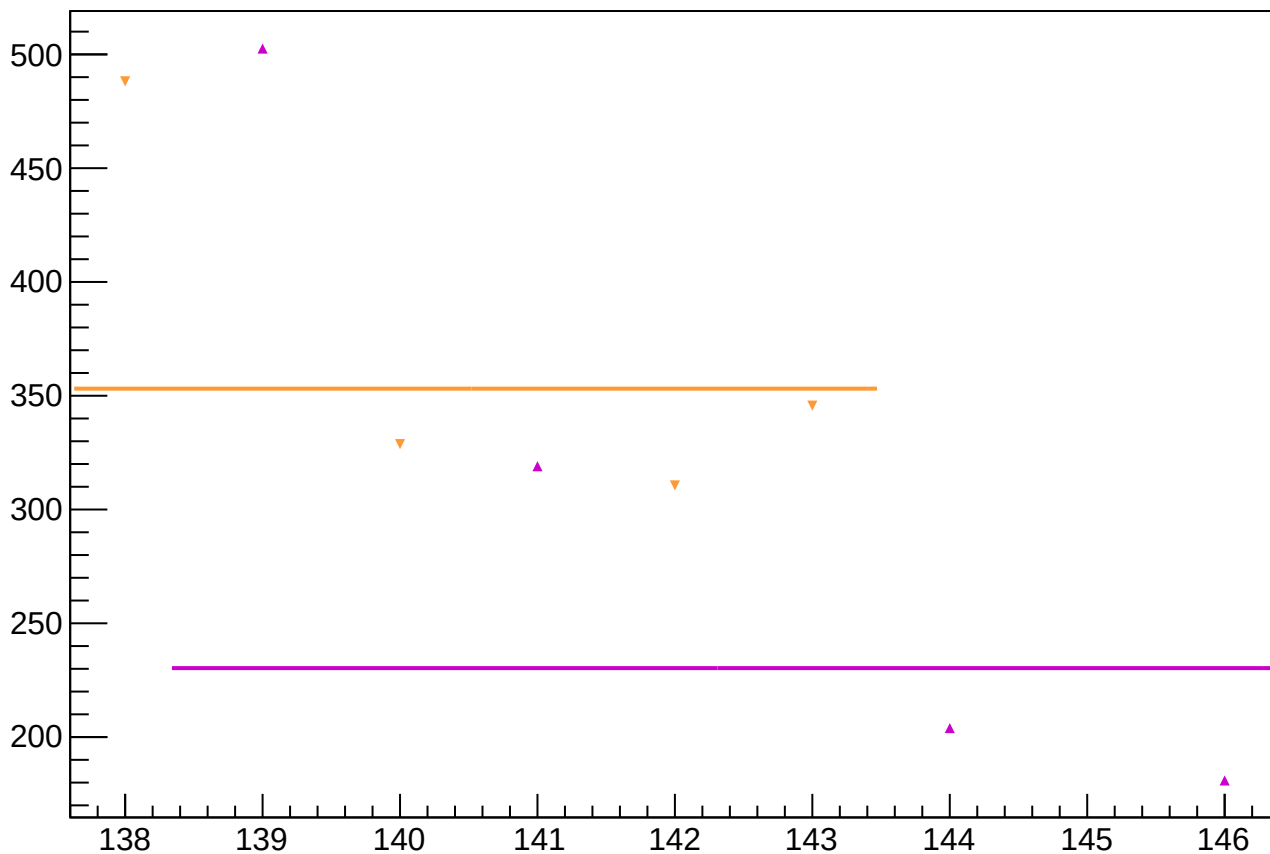
Left In: 11.736+/-138.218 χ^2/NDF : 2.6/3

-337.918+/-222.062 χ^2/NDF : 11.4/3

-85.900+/-117.344 χ^2/NDF : 15.8/7

11.736+/-138.218 χ^2/NDF : 2.6/3

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 353.122+/-0.157 χ^2/NDF : 135557.9/3

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

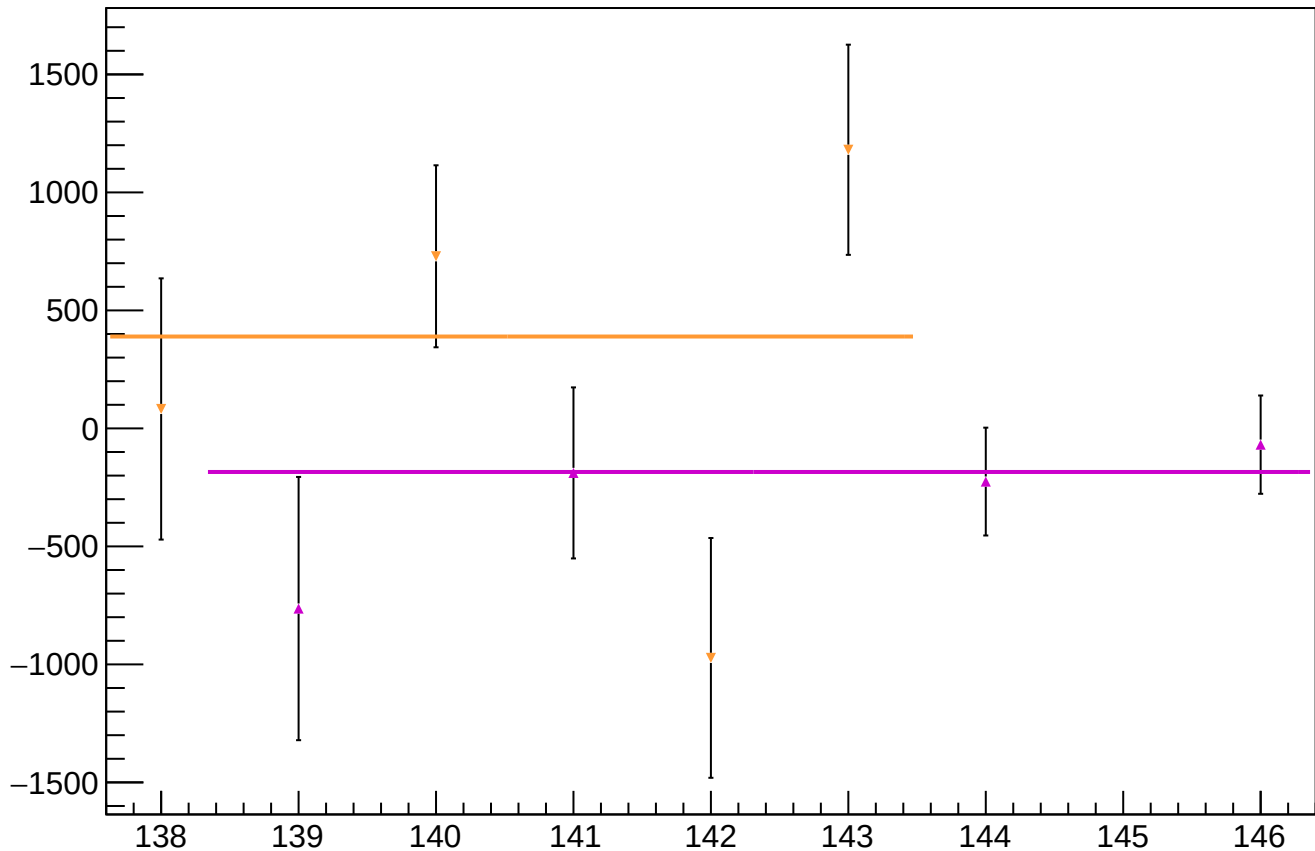
Left In: 230.308+/-0.098 χ^2/NDF : 730612.8/3

353.122+/-0.157 χ^2/NDF : 135557.9/3

264.602+/-0.083 χ^2/NDF : 1307098.8/7

230.308+/-0.098 χ^2/NDF : 730612.8/3

asym_sam_37_dd_mean vs Slug, Sign Corrected



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

Left Out: 389.314+/-229.984 χ^2/NDF : 11.4/3

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

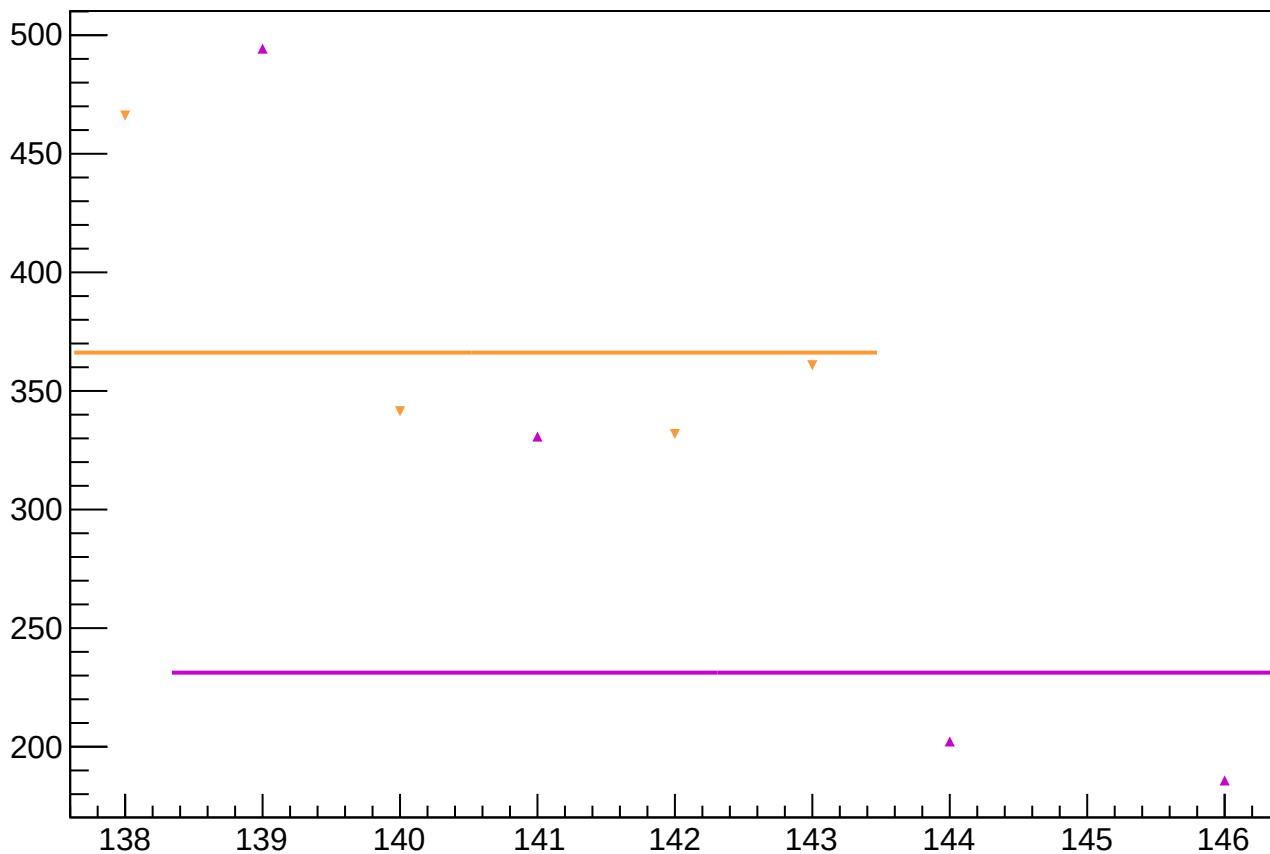
Left In: -184.656+/-137.297 χ^2/NDF : 1.4/3

389.314+/-229.984 χ^2/NDF : 11.4/3

-33.845+/-117.888 χ^2/NDF : 17.4/7

-184.656+/-137.297 χ^2/NDF : 1.4/3

asym_sam_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 366.172+/-0.163 χ^2/NDF : 82847.2/3

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

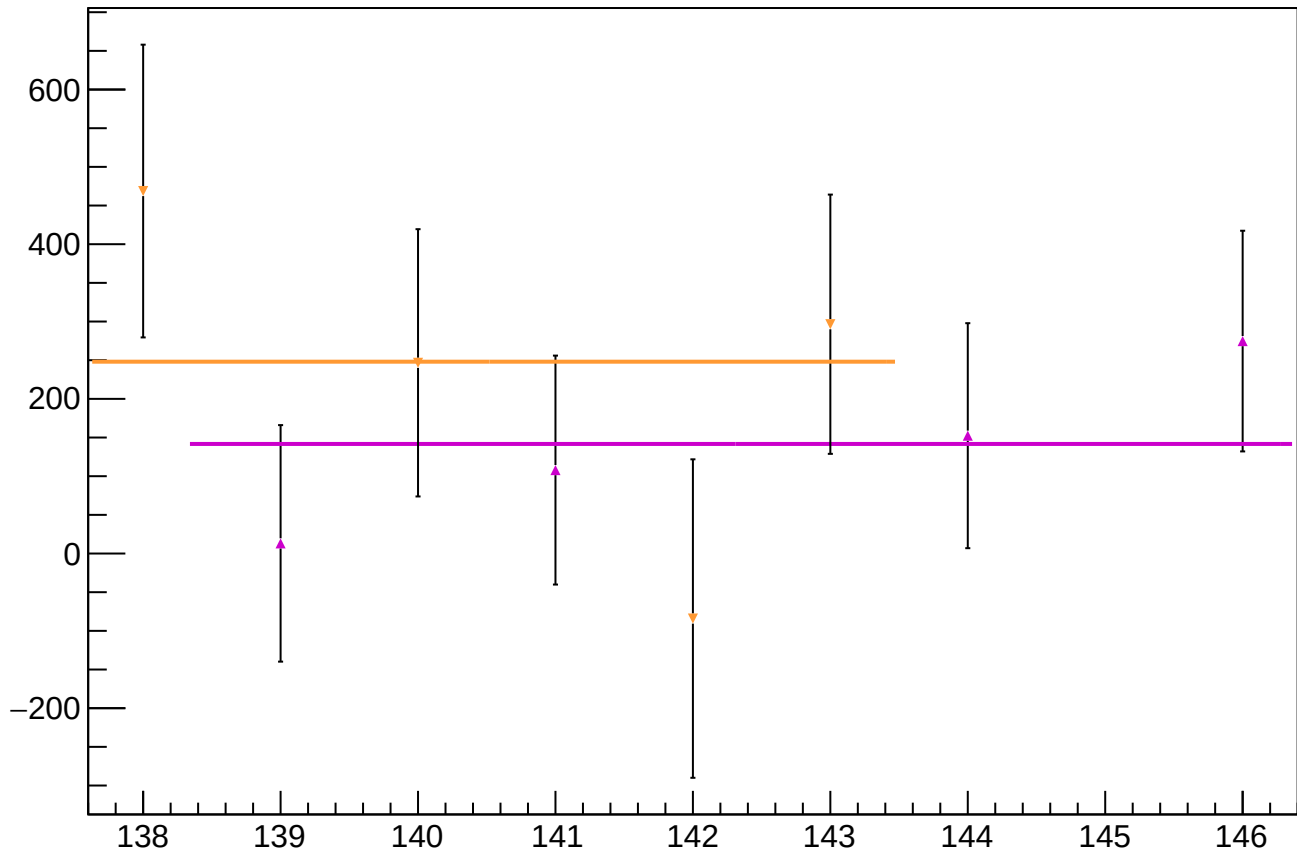
Left In: 231.234+/-0.097 χ^2/NDF : 723475.4/3

366.172+/-0.163 χ^2/NDF : 82847.2/3

266.689+/-0.083 χ^2/NDF : 1313922.6/7

231.234+/-0.097 χ^2/NDF : 723475.4/3

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 248.078+/-91.072 χ^2/NDF : 4.0/3

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

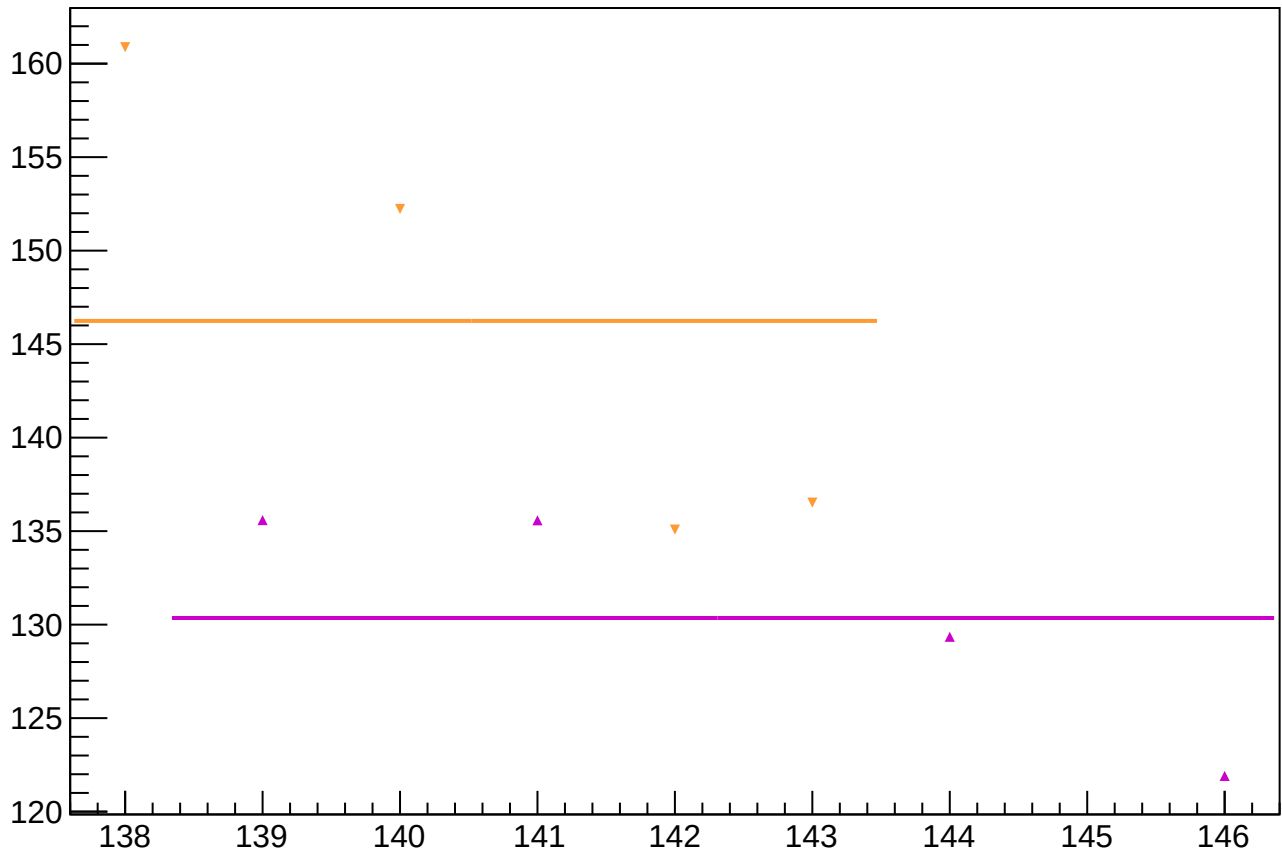
Left In: 141.700+/-73.570 χ^2/NDF : 1.6/3

248.078+/-91.072 χ^2/NDF : 4.0/3

183.707+/-57.230 χ^2/NDF : 6.5/7

141.700+/-73.570 χ^2/NDF : 1.6/3

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 146.243 $\pm$ 0.064 χ^2 /NDF: 26960.0/3

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

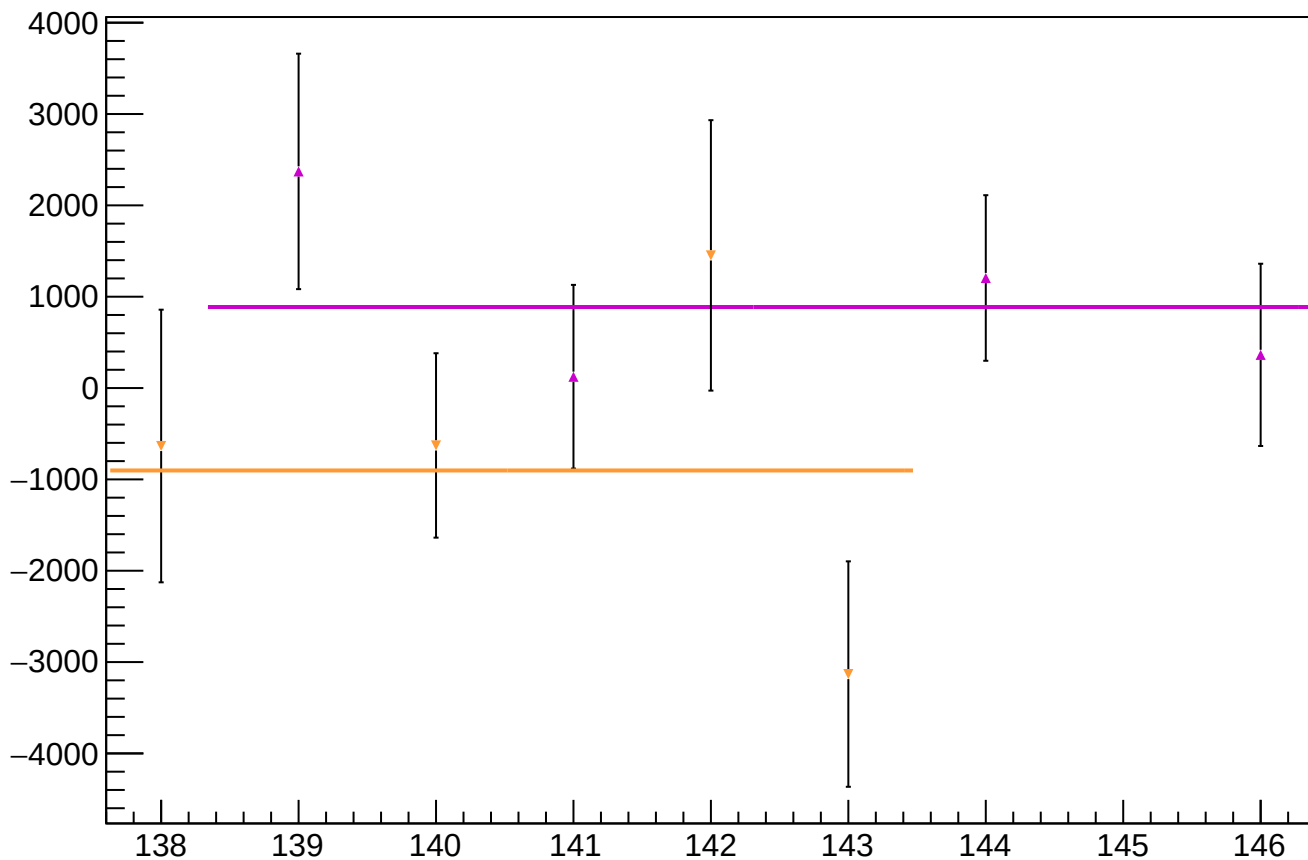
Left In: 130.355 $\pm$ 0.052 χ^2 /NDF: 11937.4/3

146.243 $\pm$ 0.064 χ^2 /NDF: 26960.0/3

136.629 $\pm$ 0.040 χ^2 /NDF: 75729.8/7

130.355 $\pm$ 0.052 χ^2 /NDF: 11937.4/3

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -902.298+/-627.048 χ^2/NDF : 5.9/3

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

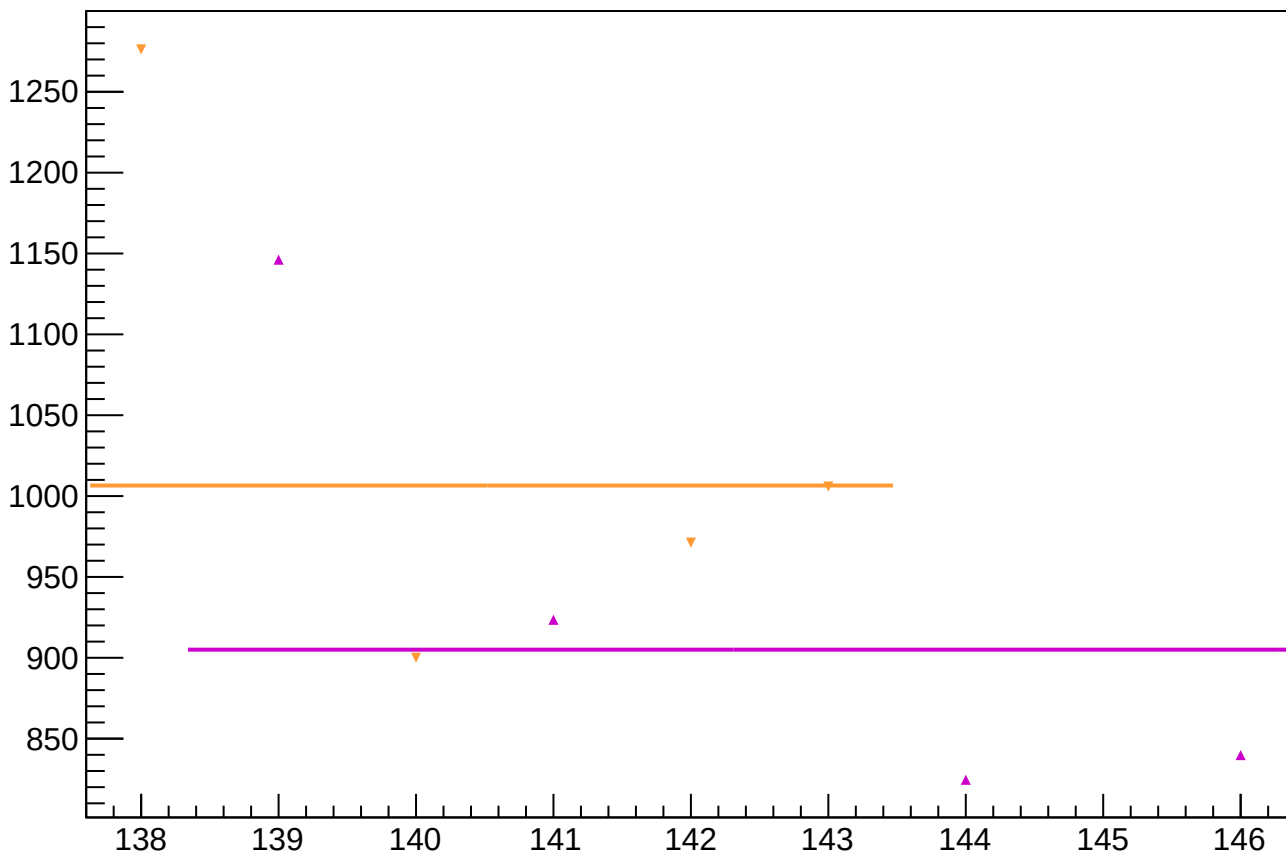
Left In: 887.009+/-512.116 χ^2/NDF : 2.3/3

-902.298+/-627.048 χ^2/NDF : 5.9/3

171.062+/-396.642 χ^2/NDF : 13.1/7

887.009+/-512.116 χ^2/NDF : 2.3/3

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1006.538+/-0.443 χ^2/NDF : 88725.9/3

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

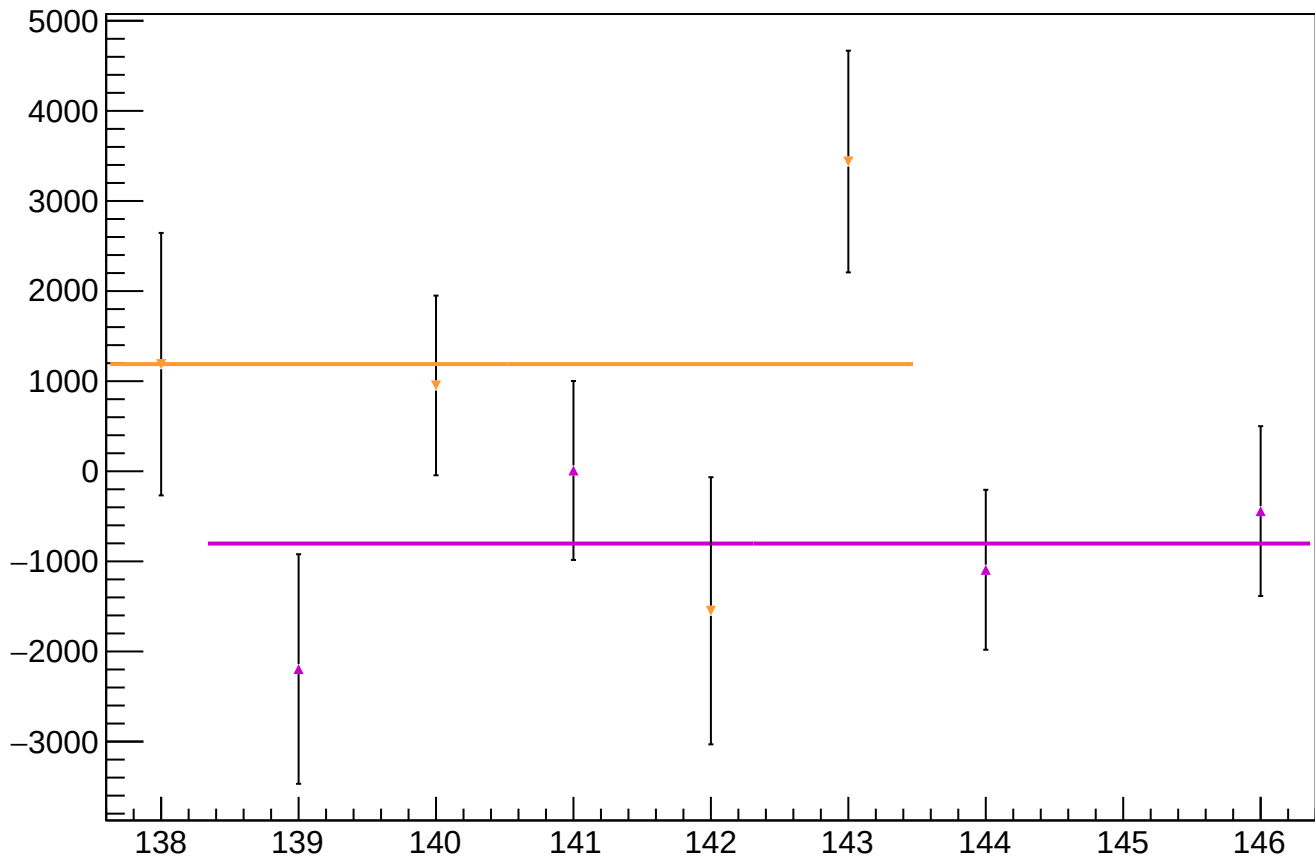
Left In: 905.025+/-0.362 χ^2/NDF : 95002.1/3

1006.538+/-0.443 χ^2/NDF : 88725.9/3

945.643+/-0.280 χ^2/NDF : 215171.5/7

905.025+/-0.362 χ^2/NDF : 95002.1/3

asym_sam_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 1189.599+/-621.082 χ^2/NDF : 6.8/3

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

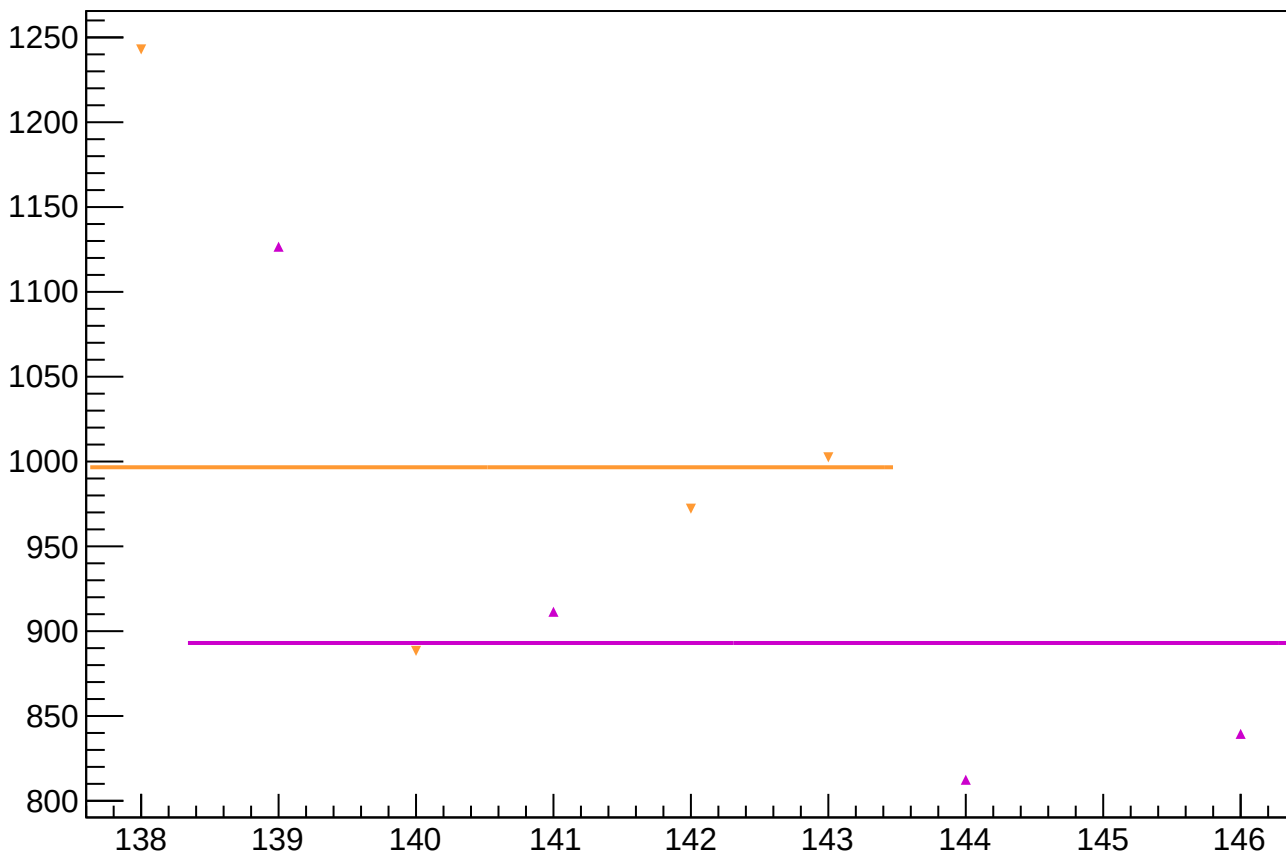
Left In: -802.189+/-498.424 χ^2/NDF : 2.1/3

1189.599+/-621.082 χ^2/NDF : 6.8/3

-21.936+/-388.728 χ^2/NDF : 15.2/7

-802.189+/-498.424 χ^2/NDF : 2.1/3

asym_sam_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 996.616+/-0.439 χ^2/NDF : 81342.4/3

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

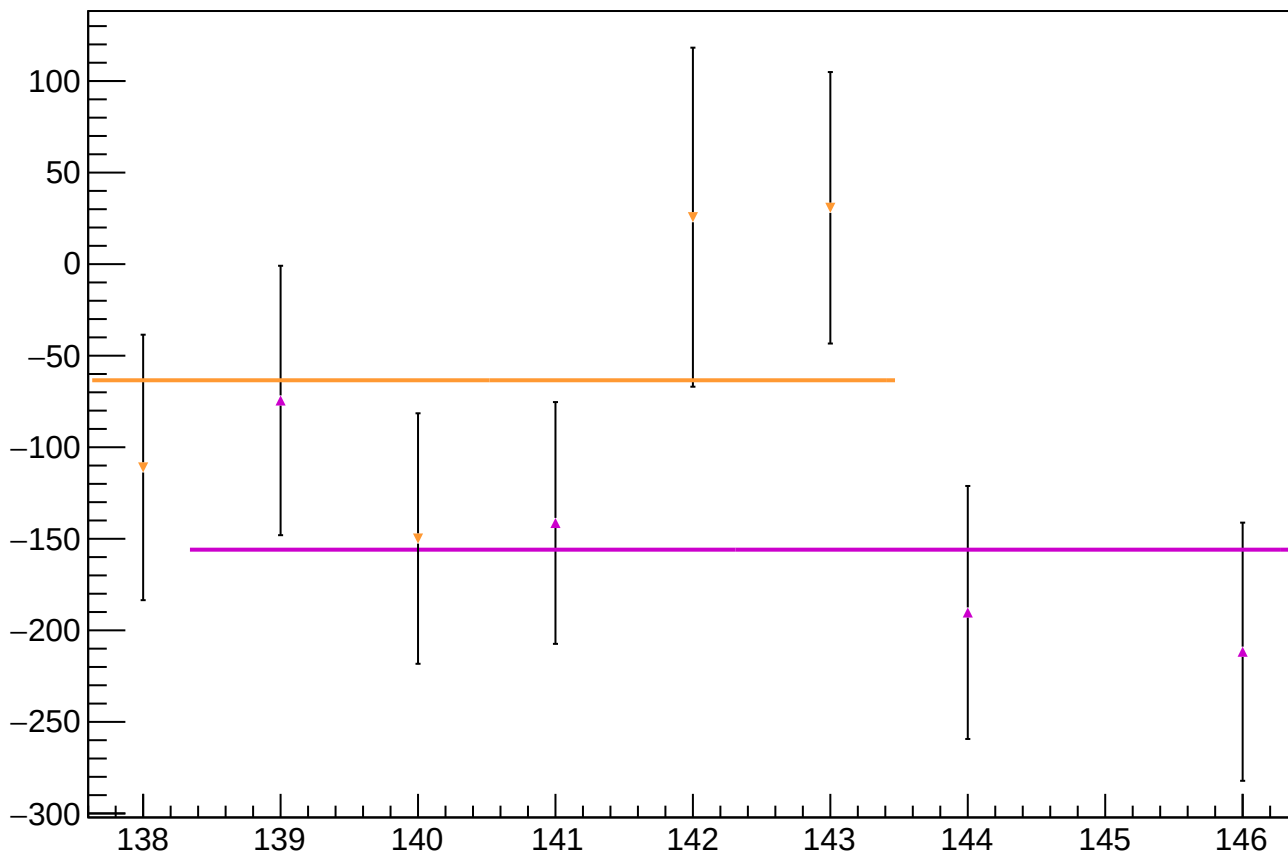
Left In: 893.037+/-0.352 χ^2/NDF : 90895.5/3

996.616+/-0.439 χ^2/NDF : 81342.4/3

933.613+/-0.275 χ^2/NDF : 206072.5/7

893.037+/-0.352 χ^2/NDF : 90895.5/3

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: -63.426+/-37.726 χ^2/NDF : 4.6/3

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

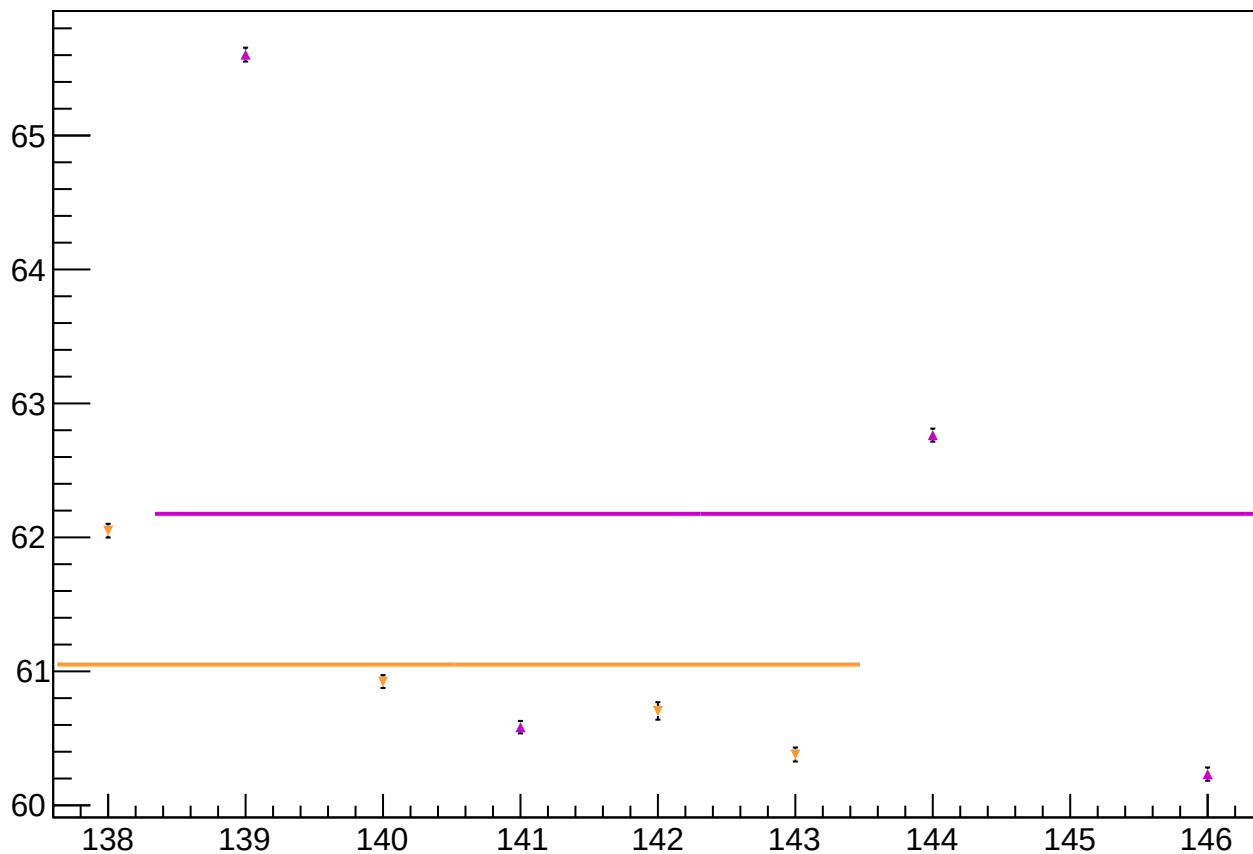
Left In: -155.943+/-34.818 χ^2/NDF : 2.1/3

-63.426+/-37.726 χ^2/NDF : 4.6/3

-113.386+/-25.587 χ^2/NDF : 10.0/7

-155.943+/-34.818 χ^2/NDF : 2.1/3

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 61.051+/-0.027 χ^2/NDF : 579.1/3

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

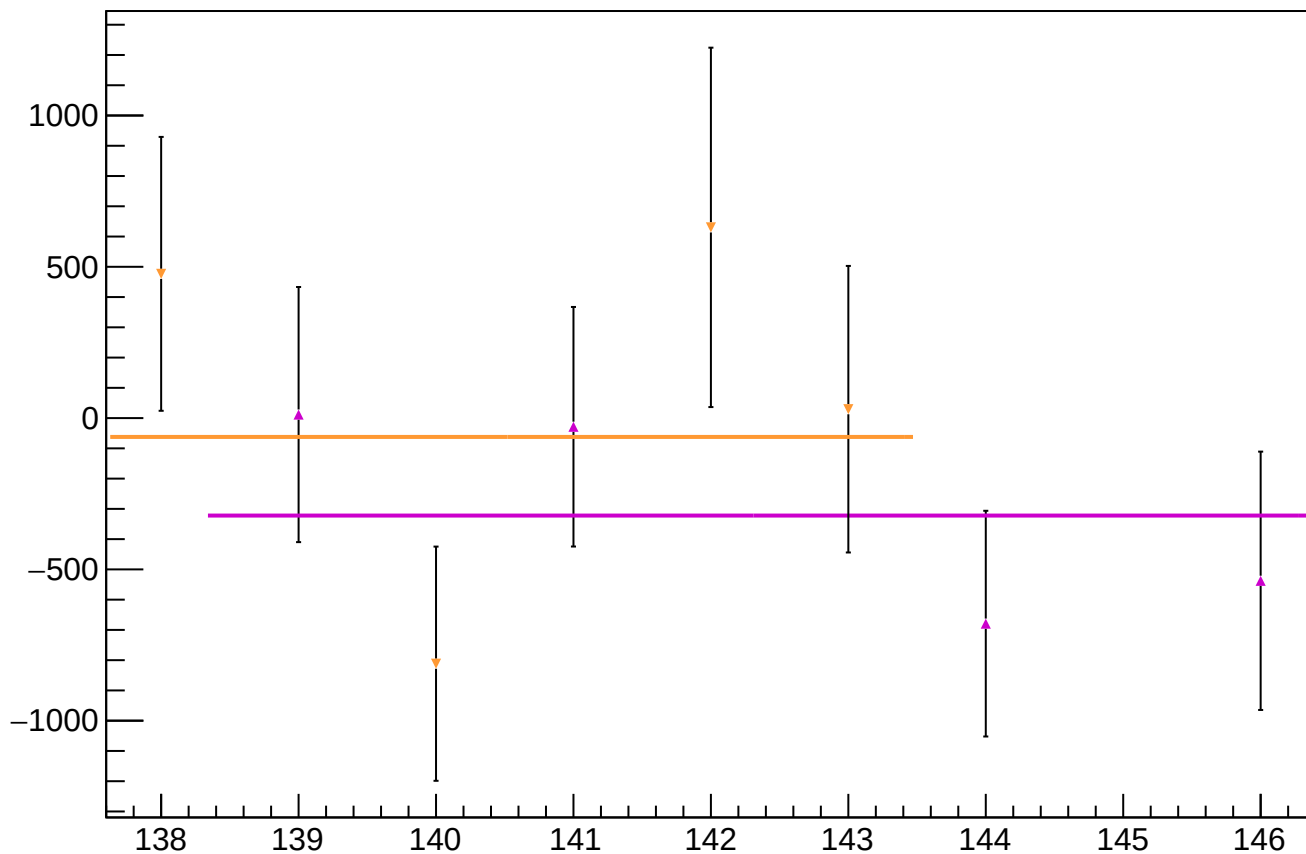
Left In: 62.176+/-0.025 χ^2/NDF : 7169.5/3

61.051+/-0.027 χ^2/NDF : 579.1/3

61.659+/-0.018 χ^2/NDF : 8708.3/7

62.176+/-0.025 χ^2/NDF : 7169.5/3

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: -62.240+/-230.291 χ^2/NDF : 6.6/3

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

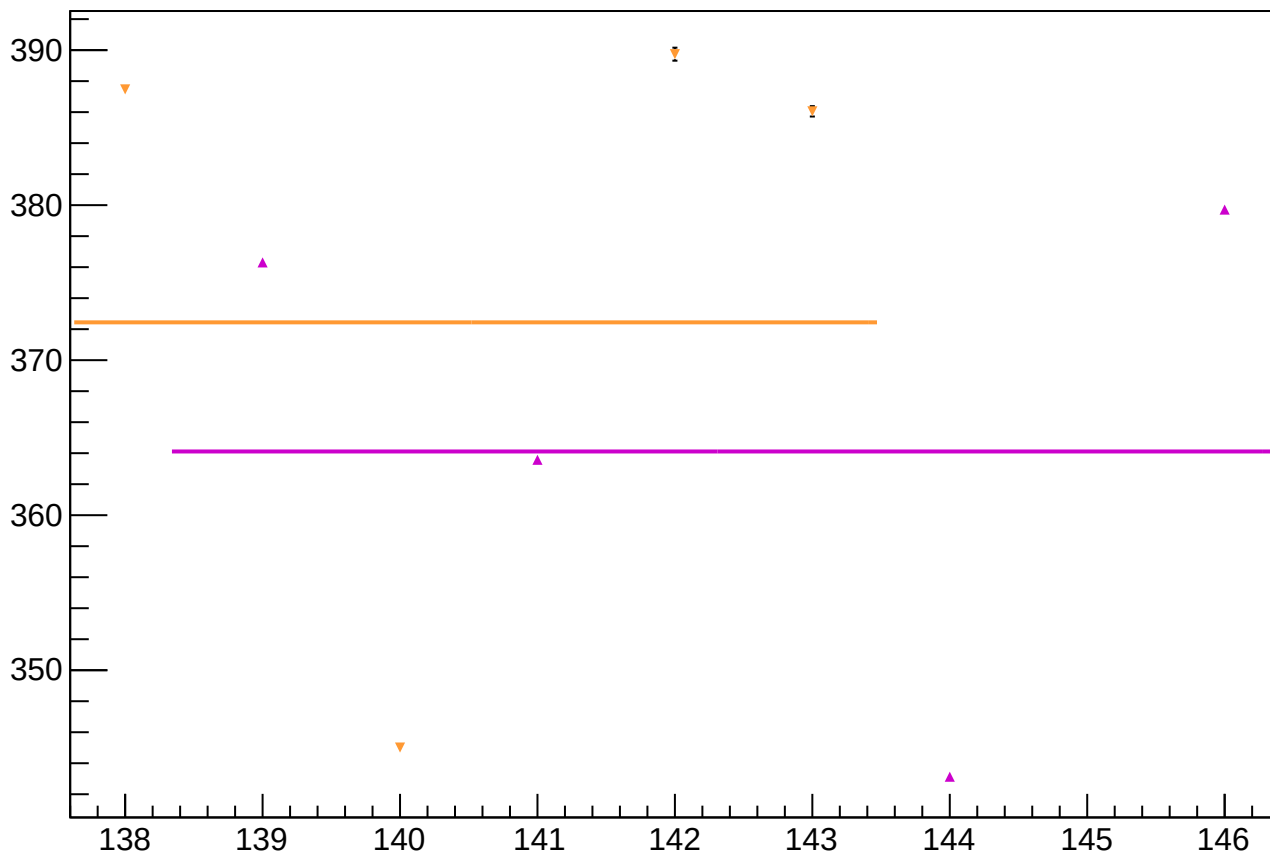
Left In: -322.099+/-201.273 χ^2/NDF : 2.3/3

-62.240+/-230.291 χ^2/NDF : 6.6/3

-209.563+/-151.549 χ^2/NDF : 9.6/7

-322.099+/-201.273 χ^2/NDF : 2.3/3

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: 372.440+/-0.163 χ^2/NDF : 15602.3/3

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

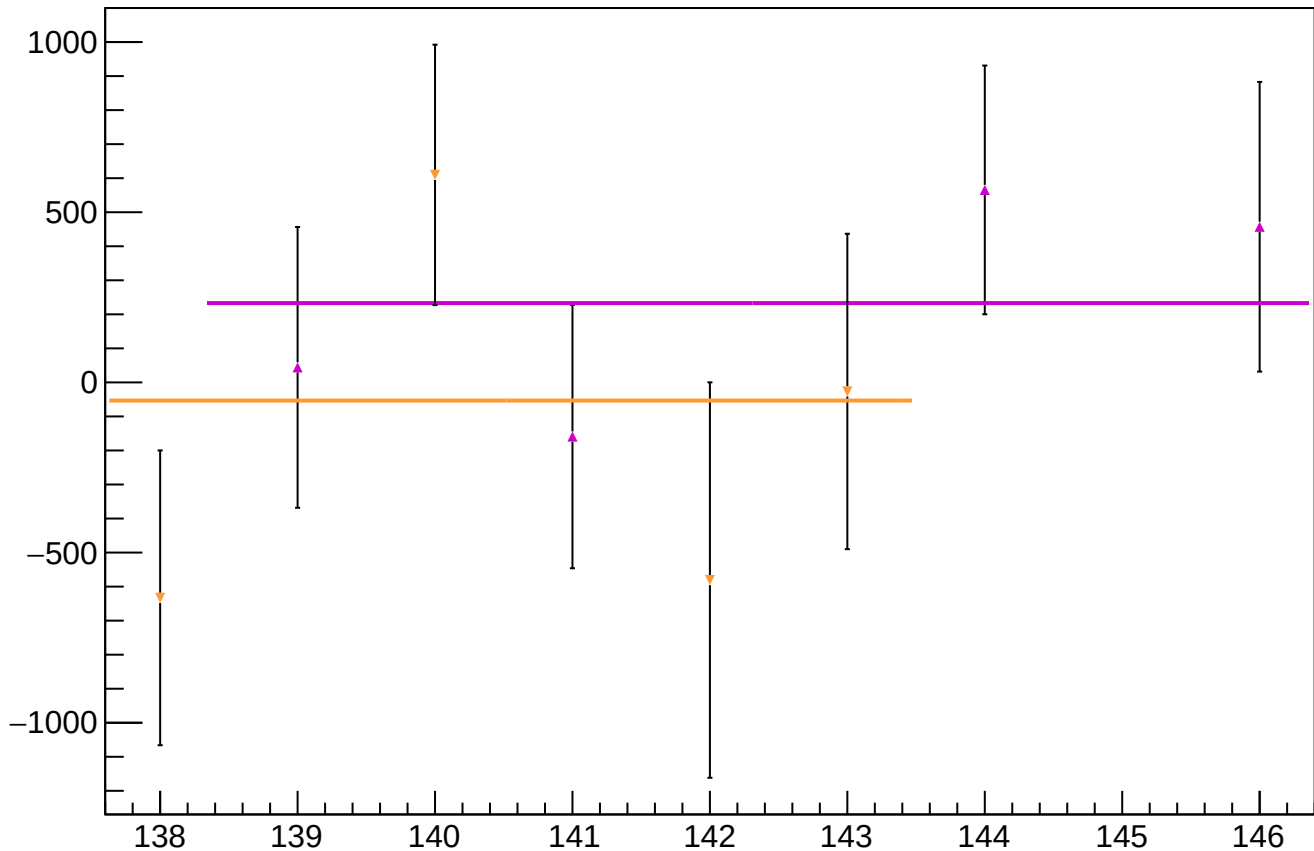
Left In: 364.111+/-0.142 χ^2/NDF : 10678.6/3

372.440+/-0.163 χ^2/NDF : 15602.3/3

367.718+/-0.107 χ^2/NDF : 27764.1/7

364.111+/-0.142 χ^2/NDF : 10678.6/3

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -53.293 ± 224.835 χ^2/NDF : 5.6/3

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

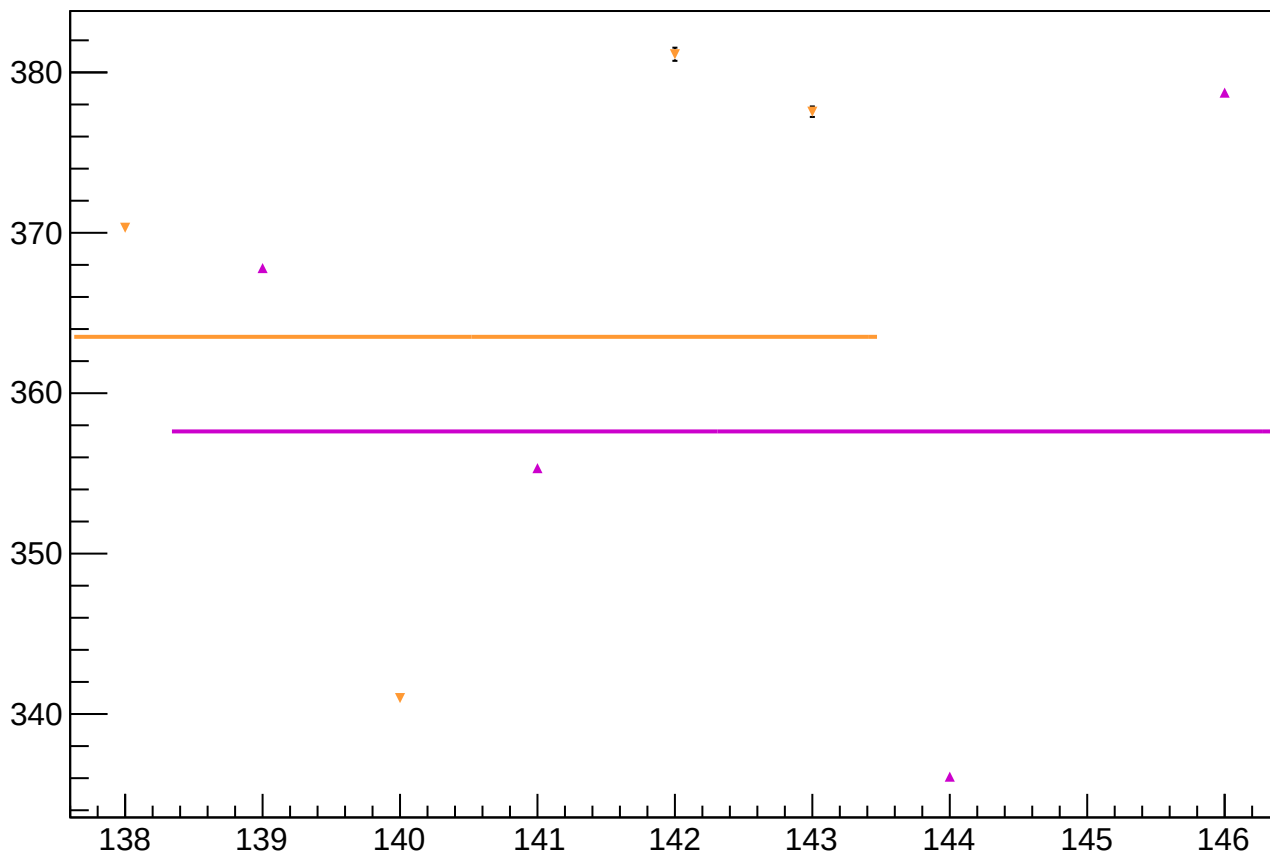
Left In: 233.050 ± 197.773 χ^2/NDF : 2.3/3

-53.293 ± 224.835 χ^2/NDF : 5.6/3

108.139 ± 148.498 χ^2/NDF : 8.9/7

233.050 ± 197.773 χ^2/NDF : 2.3/3

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



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

Left Out: 363.515+/-0.159 χ^2/NDF : 11097.0/3

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

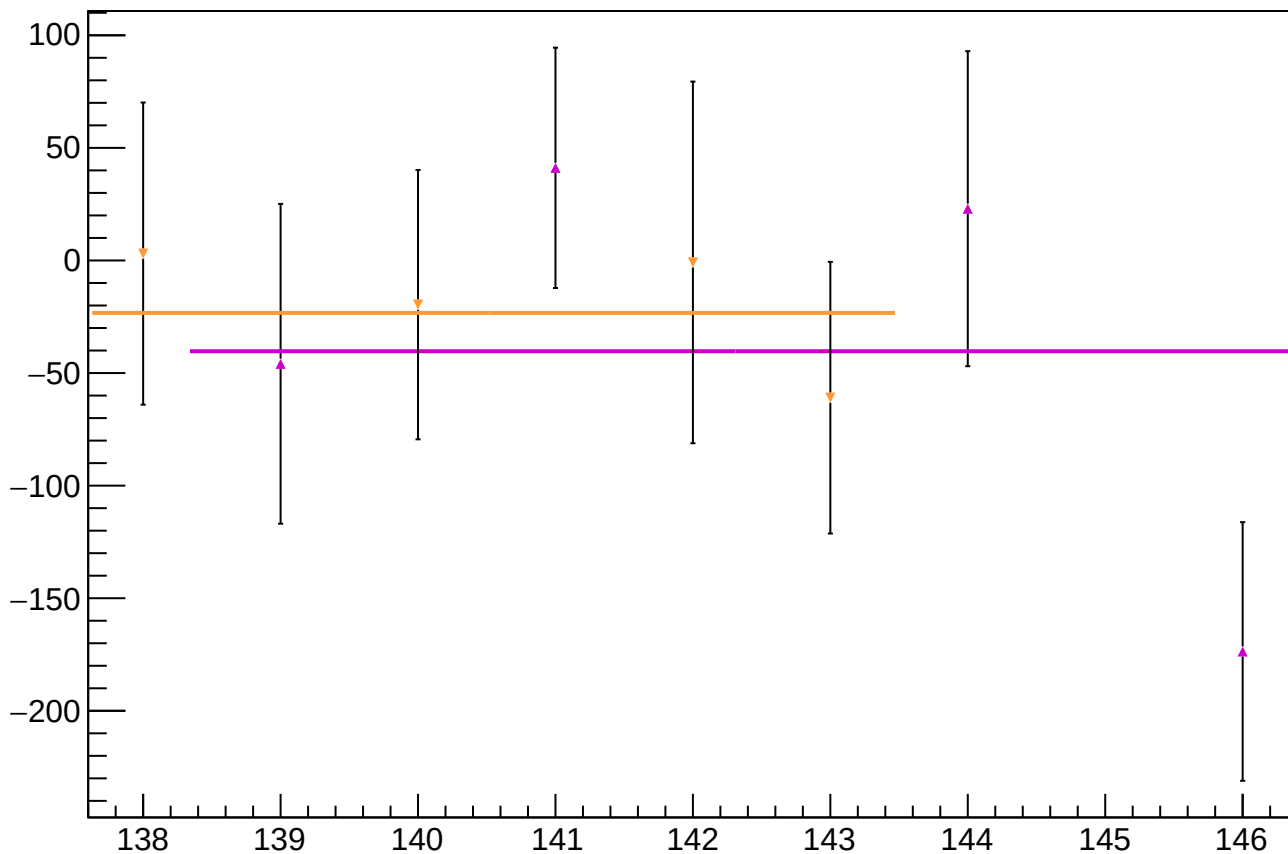
Left In: 357.617+/-0.140 χ^2/NDF : 13154.8/3

363.515+/-0.159 χ^2/NDF : 11097.0/3

360.190+/-0.105 χ^2/NDF : 25027.6/7

357.617+/-0.140 χ^2/NDF : 13154.8/3

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -23.283+/-32.764 χ^2/NDF : 0.6/3

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

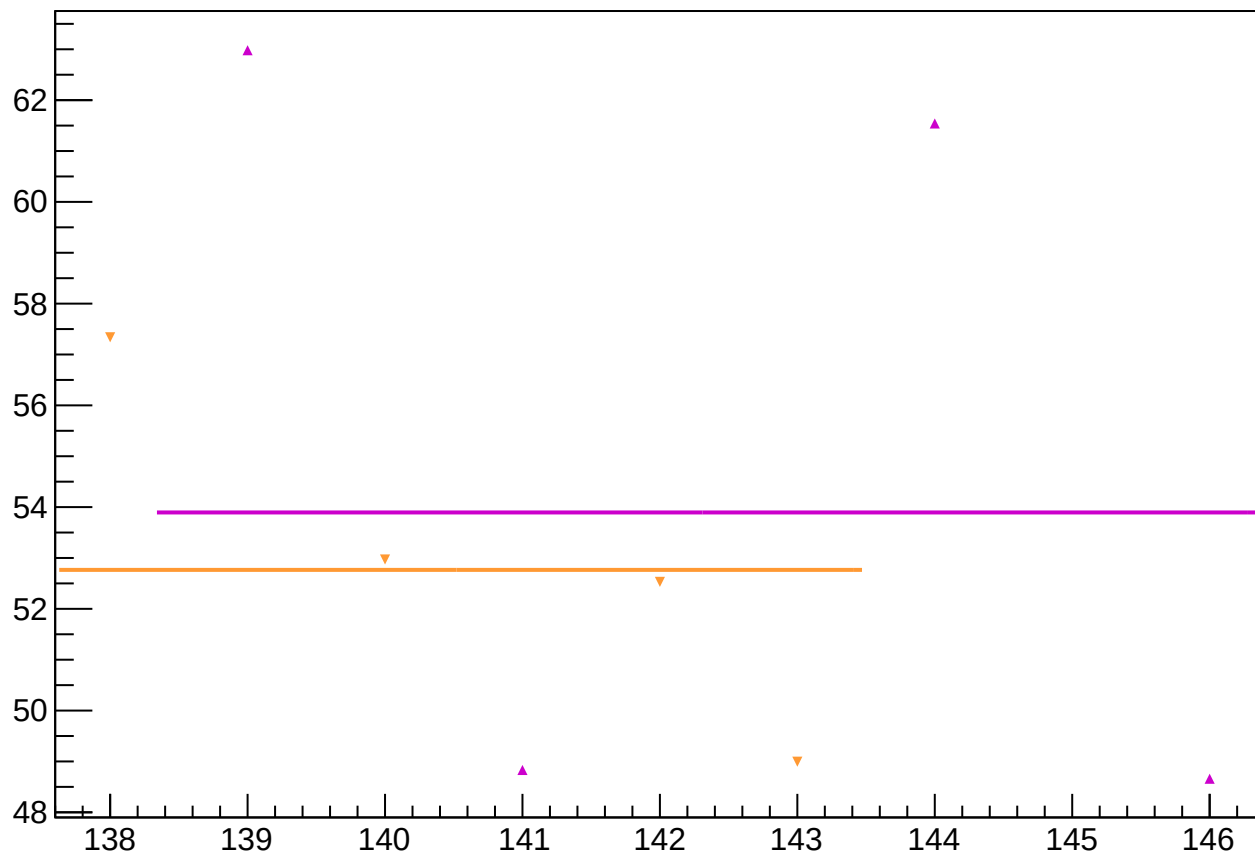
Left In: -40.306+/-30.759 χ^2/NDF : 8.5/3

-23.283+/-32.764 χ^2/NDF : 0.6/3

-32.331+/-22.425 χ^2/NDF : 9.3/7

-40.306+/-30.759 χ^2/NDF : 8.5/3

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: 52.766+/-0.023 χ^2/NDF : 17144.3/3

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

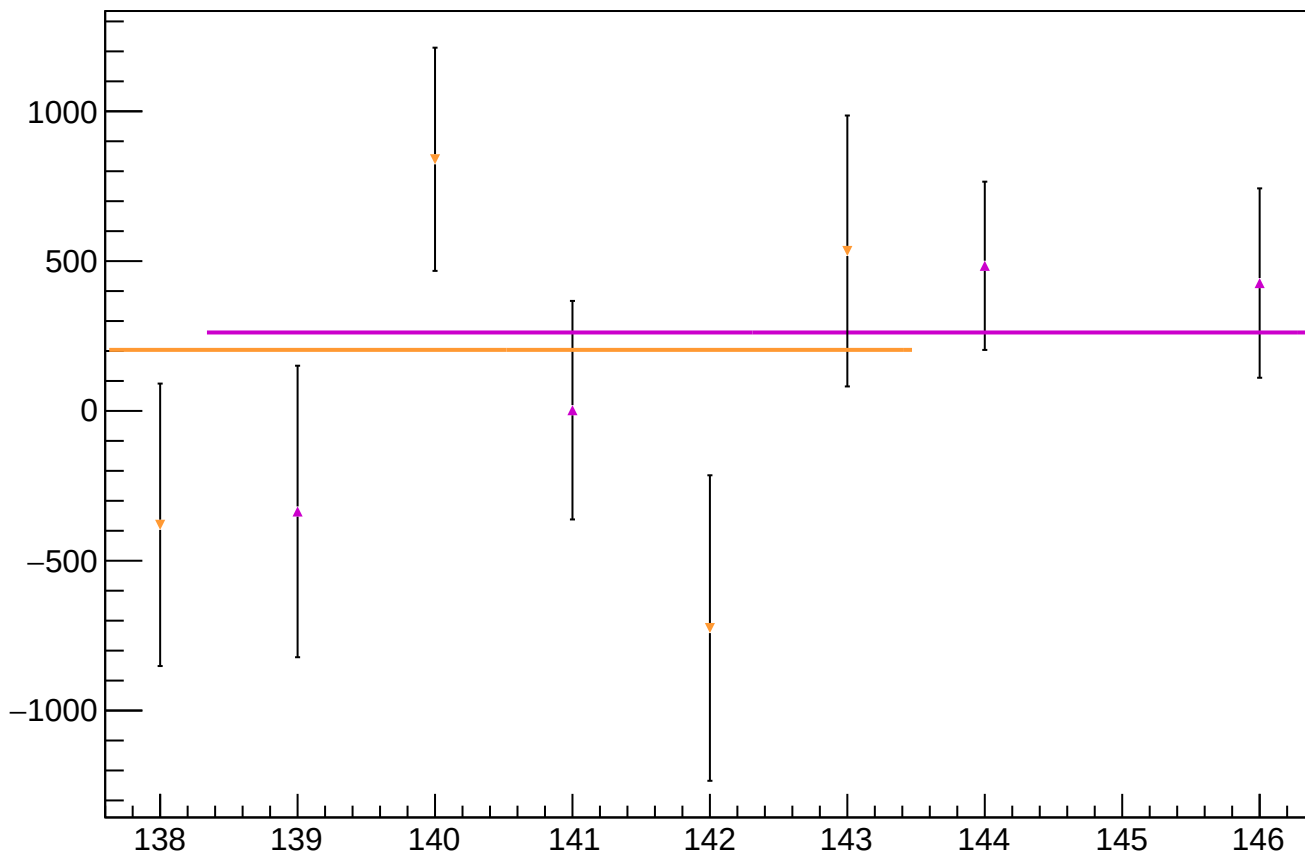
Left In: 53.895+/-0.022 χ^2/NDF : 91257.2/3

52.766+/-0.023 χ^2/NDF : 17144.3/3

53.366+/-0.016 χ^2/NDF : 109663.8/7

53.895+/-0.022 χ^2/NDF : 91257.2/3

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: 203.753+/-221.149 χ^2/NDF : 8.3/3

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

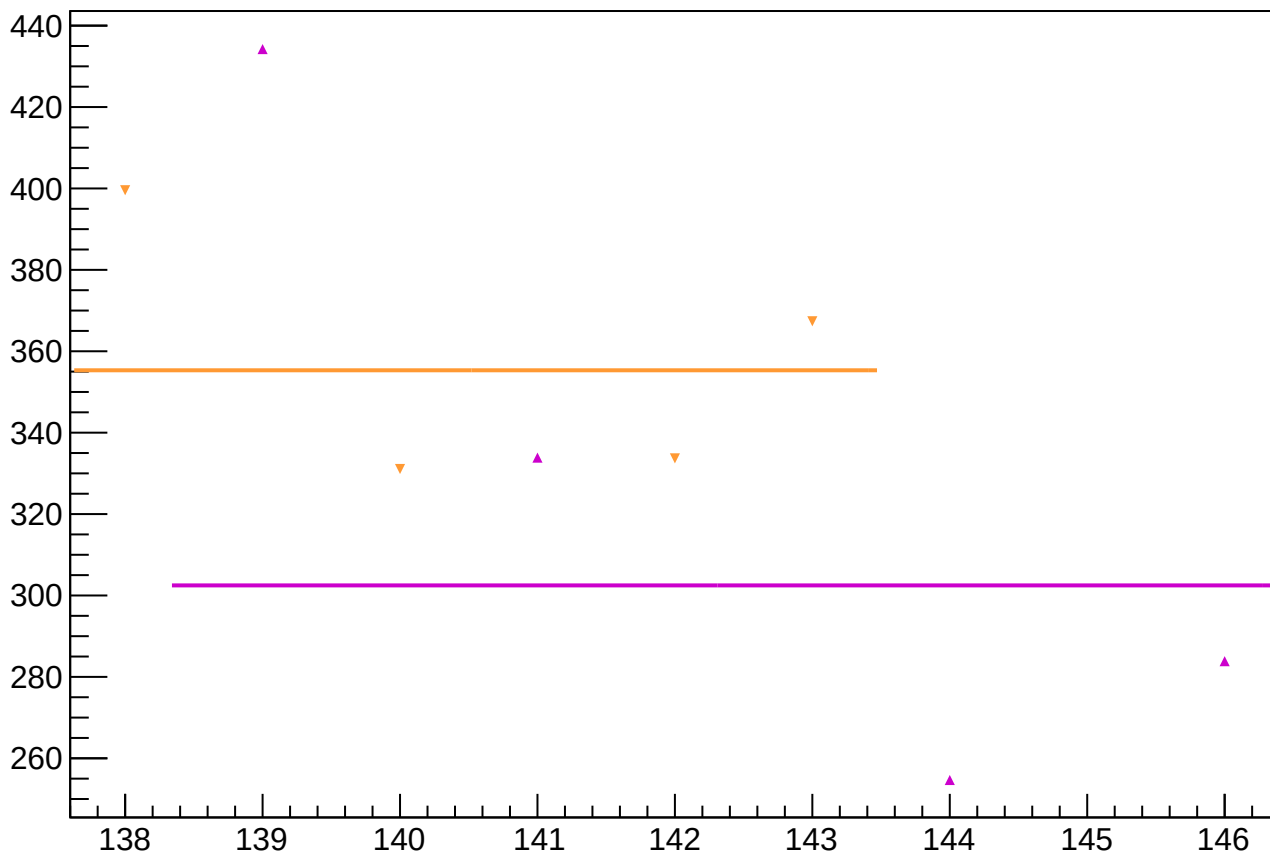
Left In: 261.811+/-170.399 χ^2/NDF : 2.9/3

203.753+/-221.149 χ^2/NDF : 8.3/3

240.183+/-134.978 χ^2/NDF : 11.3/7

261.811+/-170.399 χ^2/NDF : 2.9/3

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: 355.325+/-0.156 χ^2/NDF : 31110.2/3

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

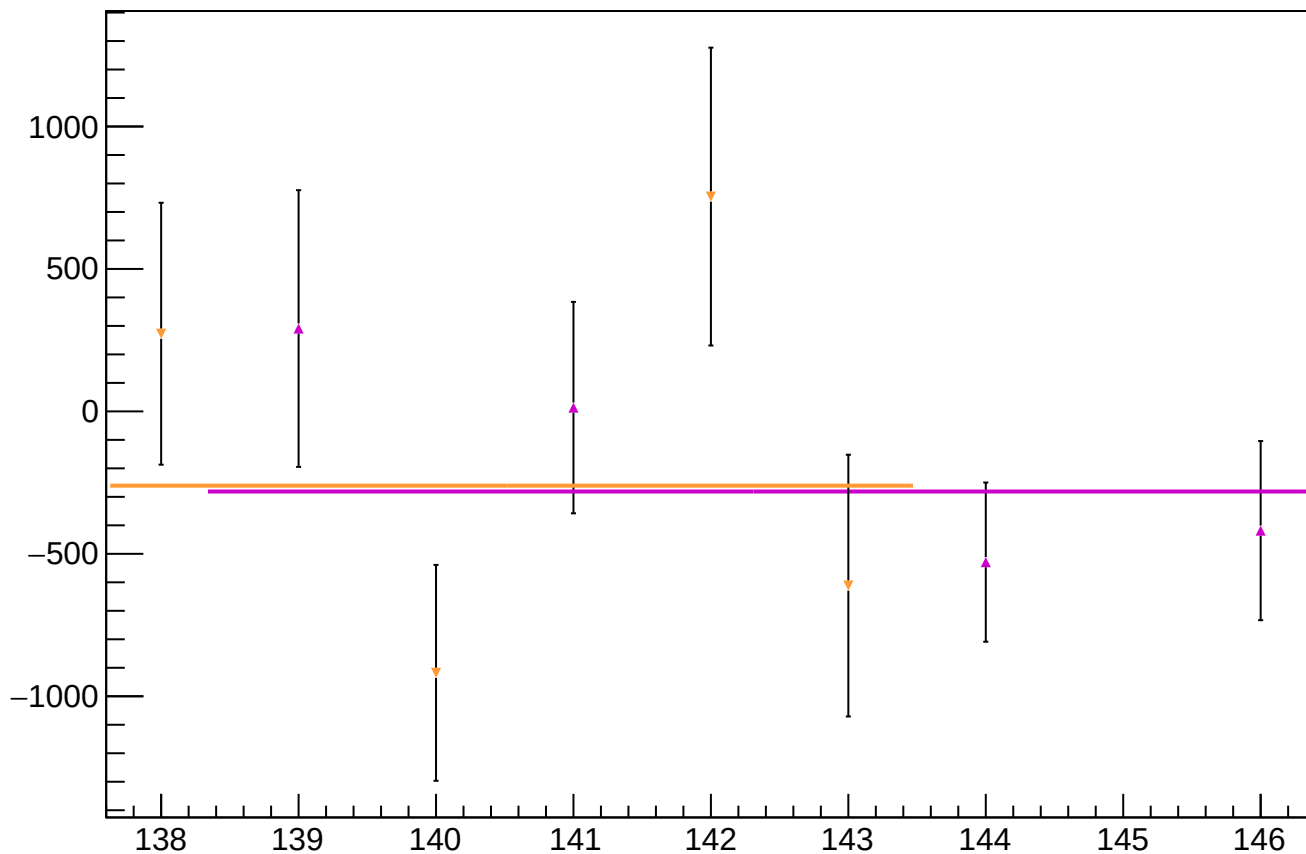
Left In: 302.478+/-0.120 χ^2/NDF : 226470.6/3

355.325+/-0.156 χ^2/NDF : 31110.2/3

322.165+/-0.095 χ^2/NDF : 329245.6/7

302.478+/-0.120 χ^2/NDF : 226470.6/3

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



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

Left Out: -260.739+/-223.085 χ^2/NDF : 8.7/3

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

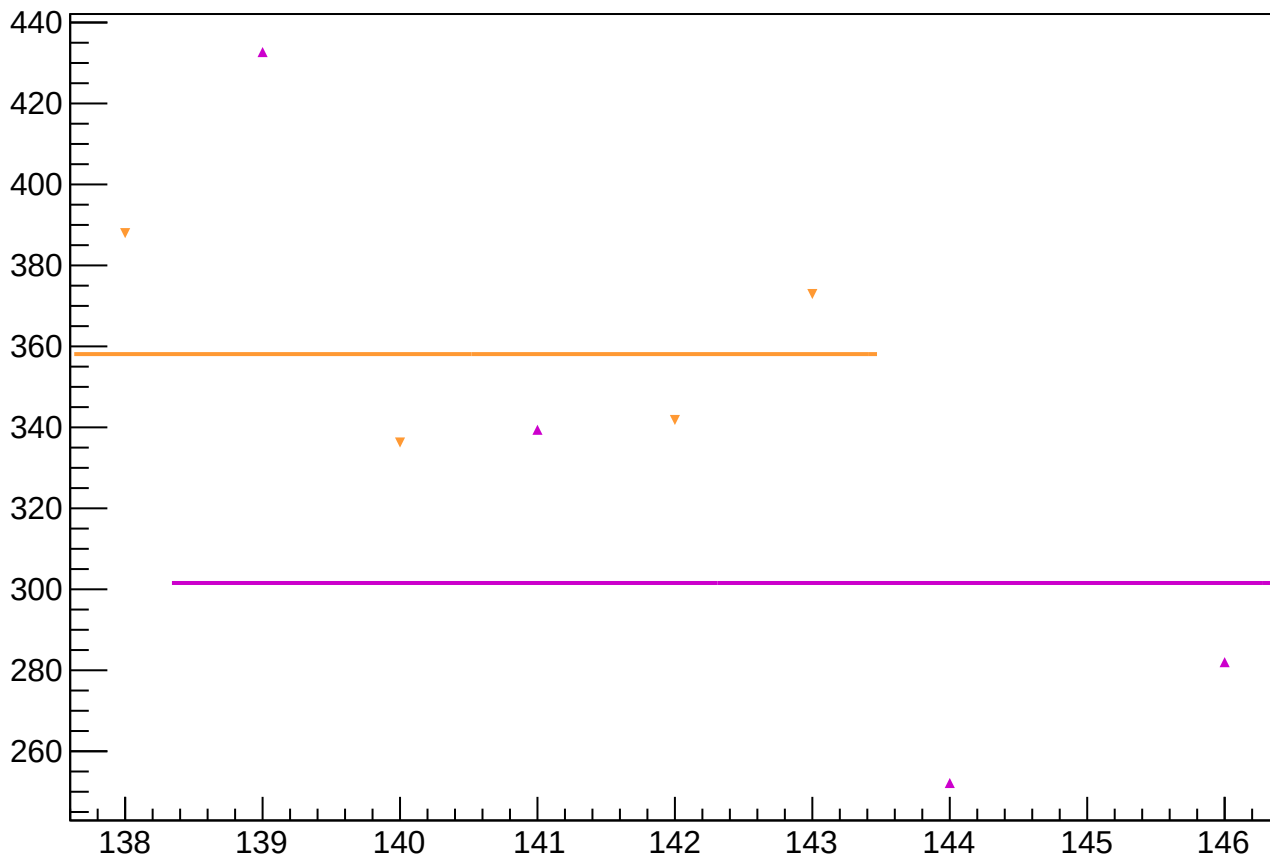
Left In: -281.277+/-170.430 χ^2/NDF : 3.0/3

-260.739+/-223.085 χ^2/NDF : 8.7/3

-273.708+/-135.431 χ^2/NDF : 11.7/7

-281.277+/-170.430 χ^2/NDF : 3.0/3

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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

Left Out: 358.096 $\pm$ 0.158 χ^2 /NDF: 19113.7/3

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

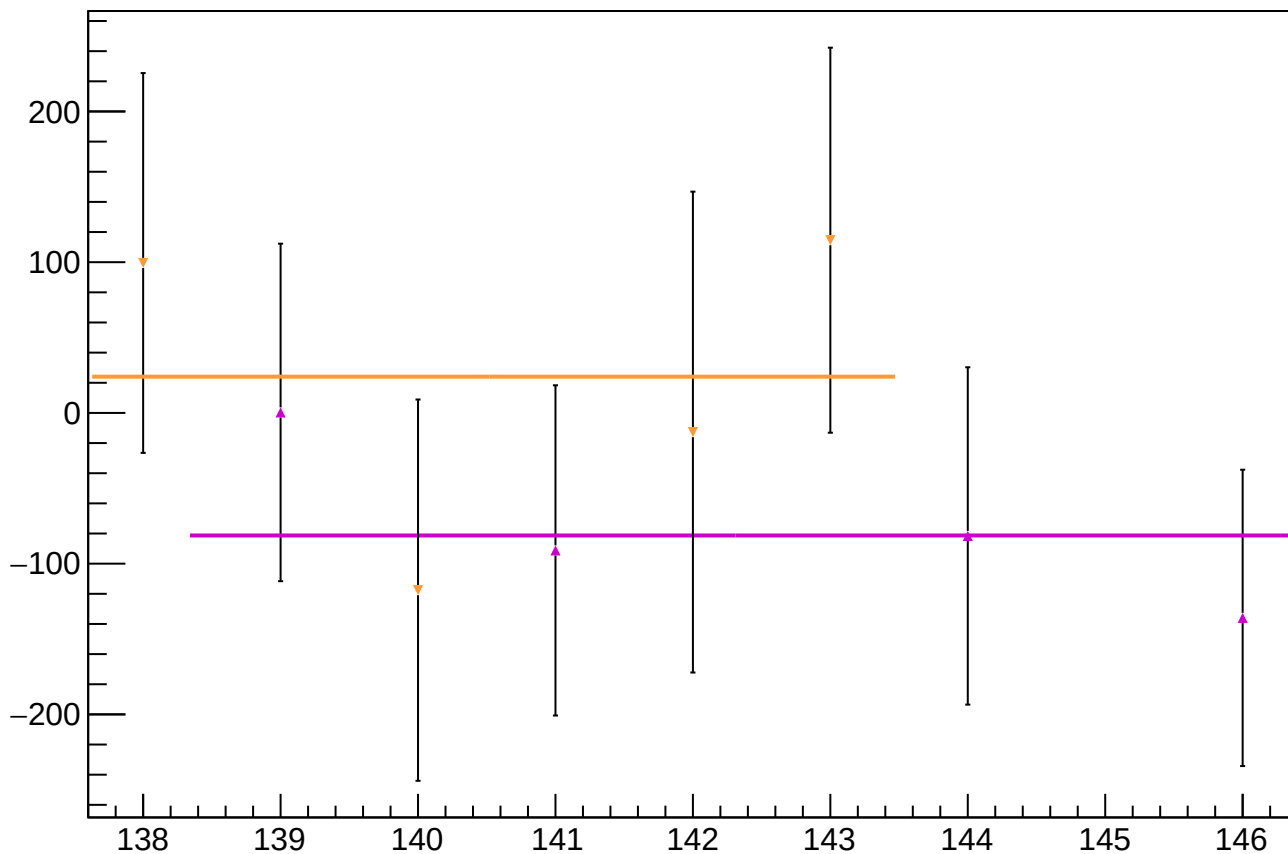
Left In: 301.563 $\pm$ 0.121 χ^2 /NDF: 236845.3/3

358.096 $\pm$ 0.158 χ^2 /NDF: 19113.7/3

322.398 $\pm$ 0.096 χ^2 /NDF: 337060.1/7

301.563 $\pm$ 0.121 χ^2 /NDF: 236845.3/3

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 24.059 $\pm$ 66.502 χ^2 /NDF: 2.2/3

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

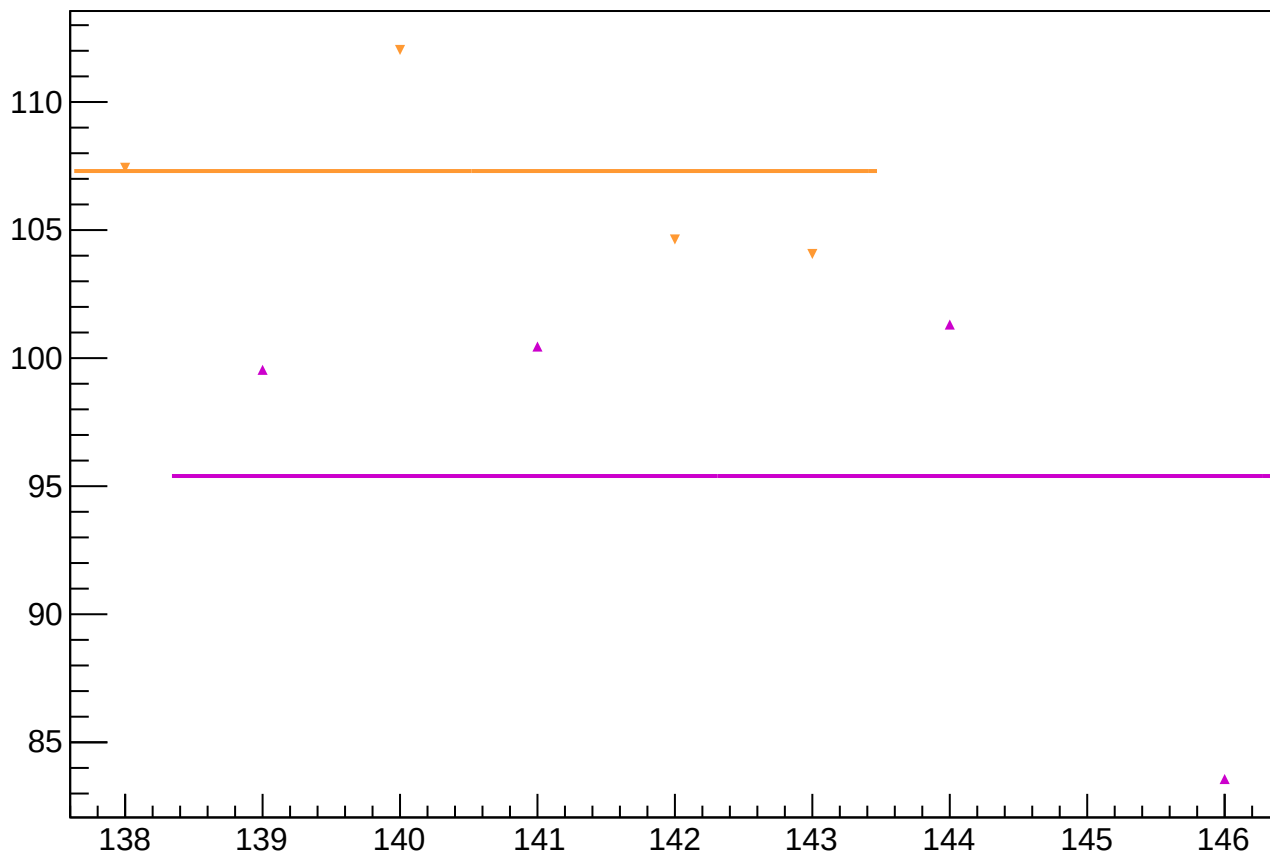
Left In: -81.293 $\pm$ 53.725 χ^2 /NDF: 0.8/3

24.059 $\pm$ 66.502 χ^2 /NDF: 2.2/3

-39.688 $\pm$ 41.791 χ^2 /NDF: 4.5/7

-81.293 $\pm$ 53.725 χ^2 /NDF: 0.8/3

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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

Left Out: 107.305+/-0.047 χ^2/NDF : 4643.3/3

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

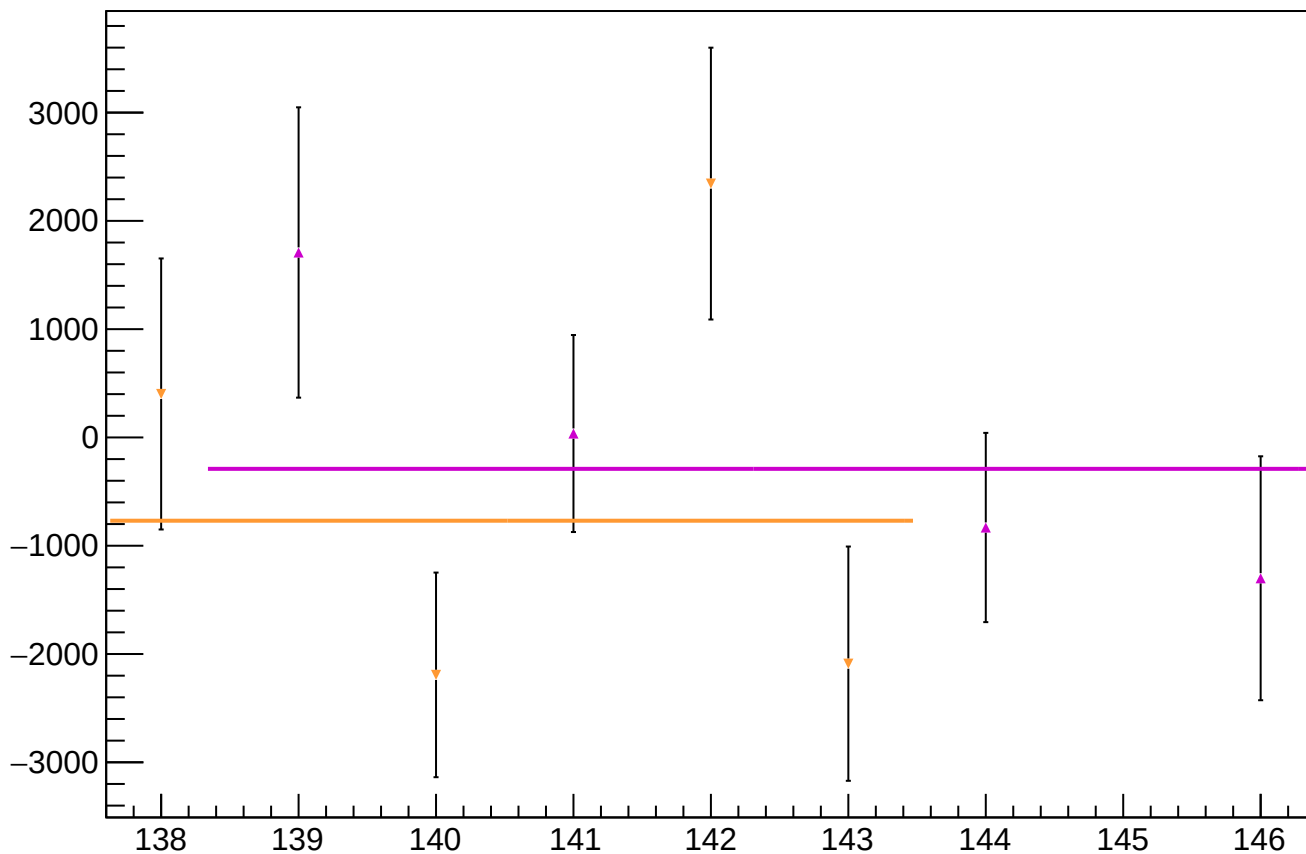
Left In: 95.398+/-0.038 χ^2/NDF : 41555.7/3

107.305+/-0.047 χ^2/NDF : 4643.3/3

100.100+/-0.030 χ^2/NDF : 84995.8/7

95.398+/-0.038 χ^2/NDF : 41555.7/3

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: -768.977+/-554.875 χ^2/NDF :10.8/3

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

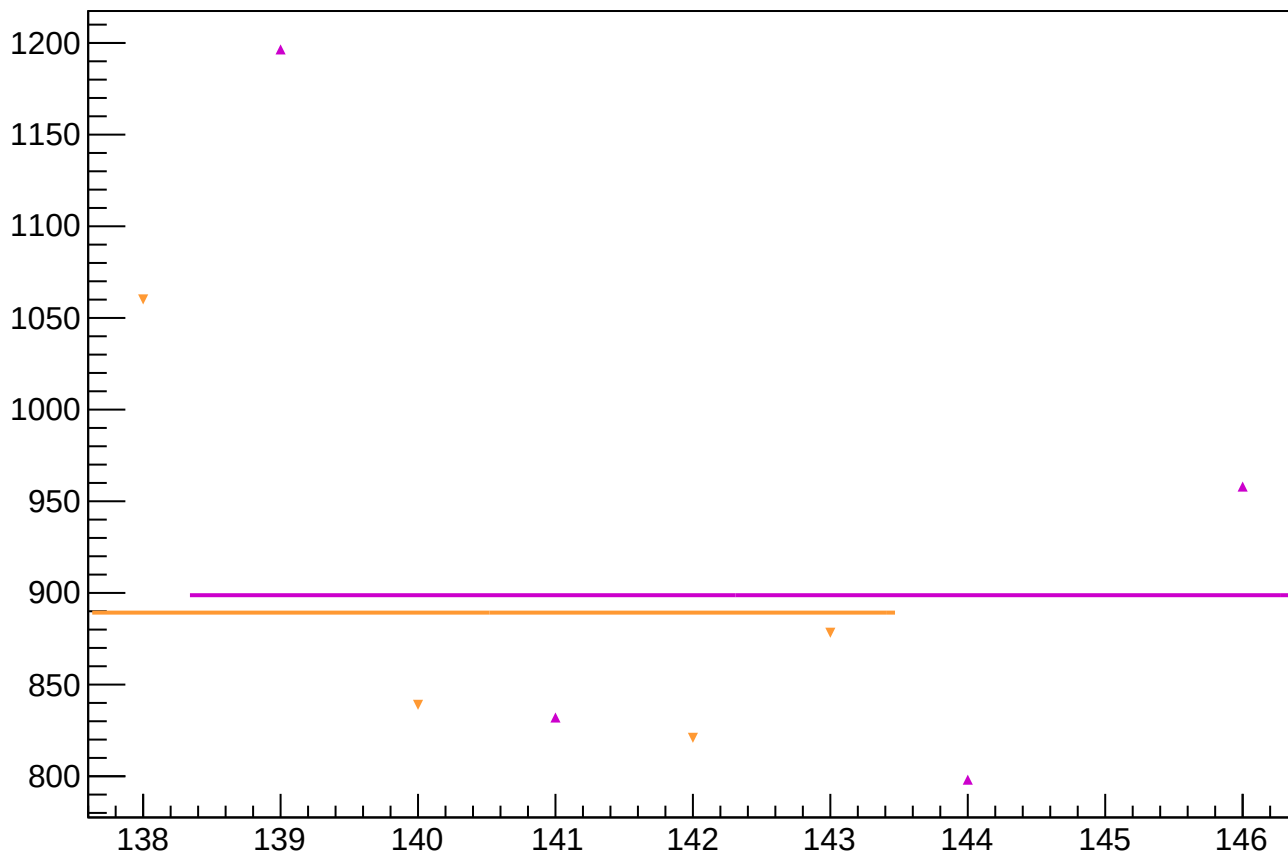
Left In: -289.993+/-508.813 χ^2/NDF :3.5/3

-768.977+/-554.875 χ^2/NDF : 10.8/3

-508.782+/-375.014 χ^2/NDF : 14.7/7

-289.993+/-508.813 χ^2/NDF : 3.5/3

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: 889.262+/-0.392 χ^2/NDF : 49067.4/3

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

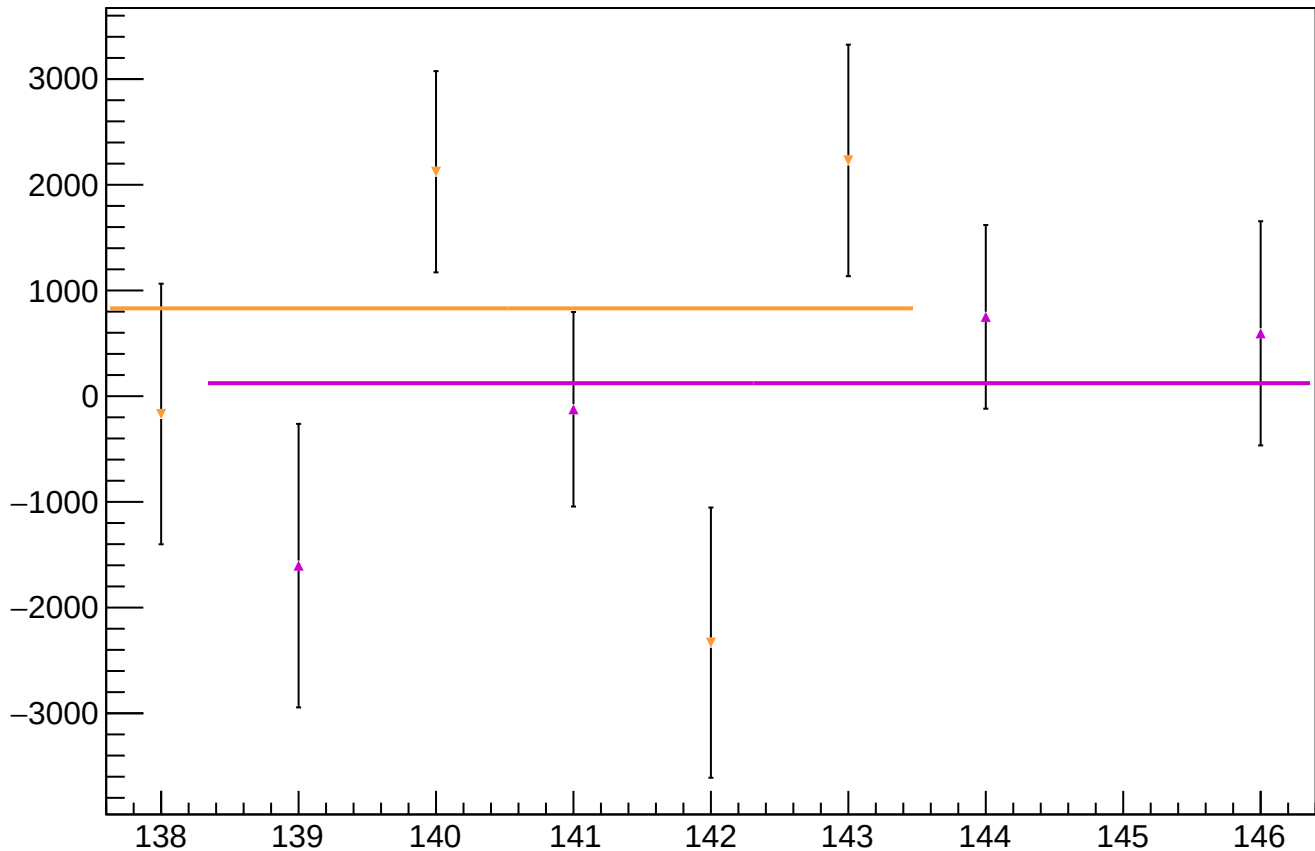
Left In: 898.758+/-0.360 χ^2/NDF : 141455.7/3

889.262+/-0.392 χ^2/NDF : 49067.4/3

894.420+/-0.265 χ^2/NDF : 190841.3/7

898.758+/-0.360 χ^2/NDF : 141455.7/3

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



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

Left Out: 830.940+/-558.430 χ^2/NDF : 10.3/3

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

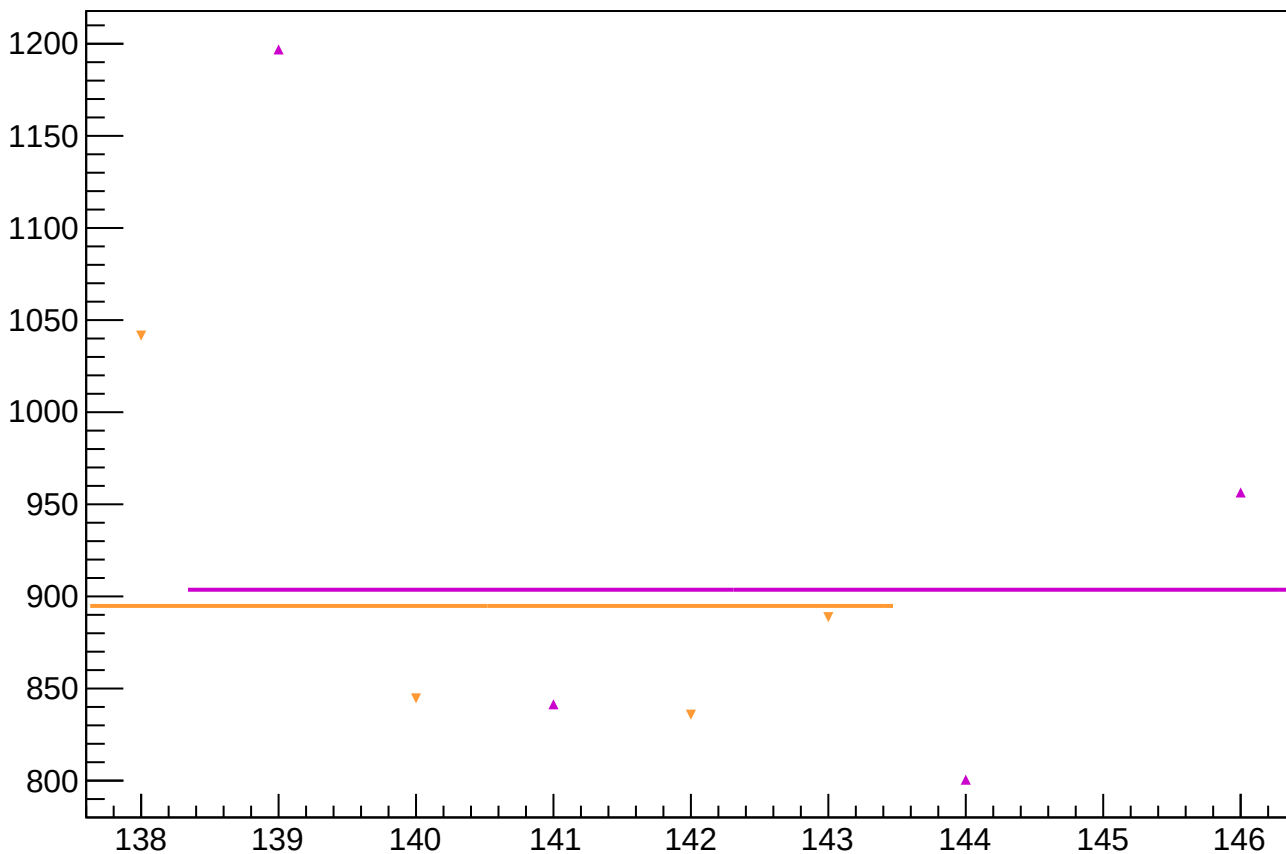
Left In: 123.059+/-503.163 χ^2/NDF : 2.4/3

830.940+/-558.430 χ^2/NDF : 10.3/3

440.246+/-373.806 χ^2/NDF : 13.6/7

123.059+/-503.163 χ^2/NDF : 2.4/3

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: 894.834 ± 0.395 $\chi^2/\text{NDF}: 38228.1/3$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

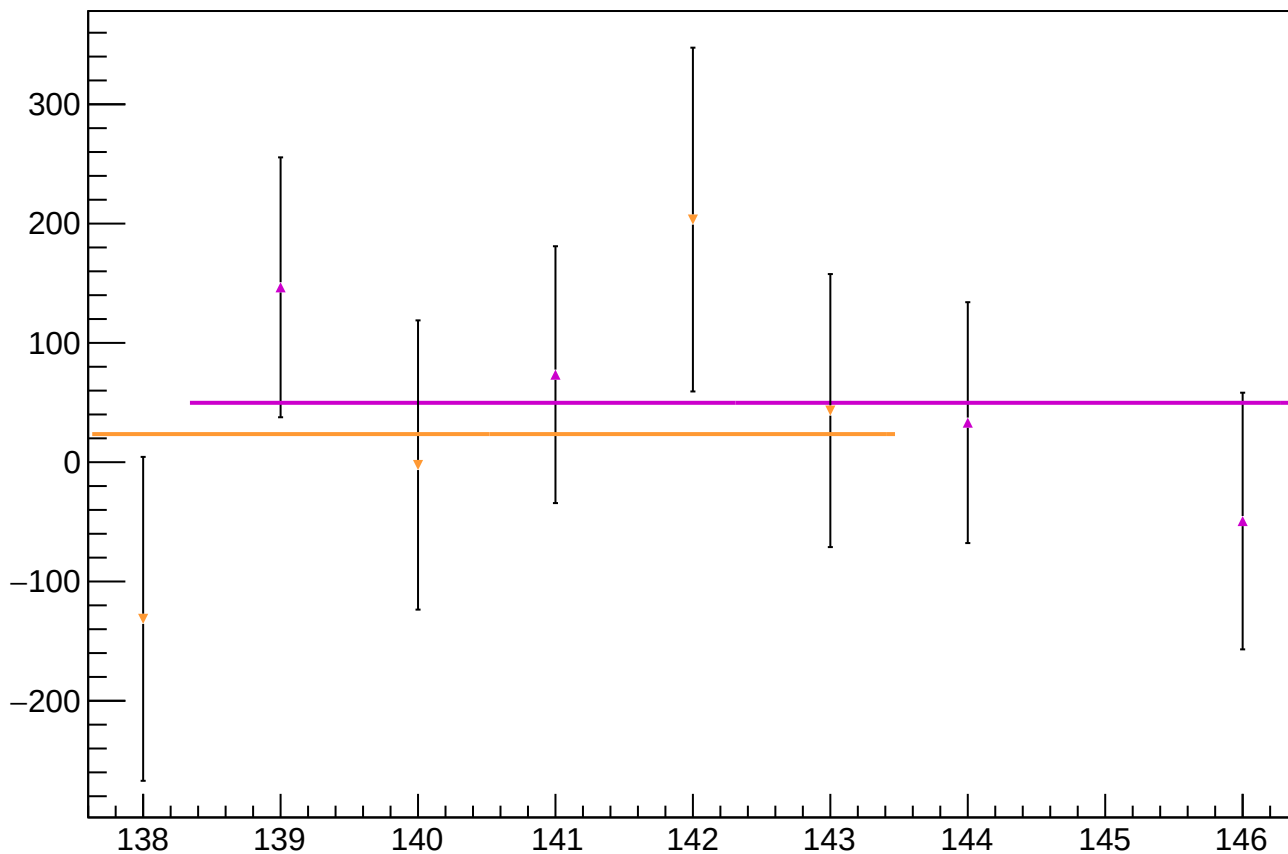
Left In: 903.631 ± 0.356 $\chi^2/\text{NDF}: 137874.8/3$

894.834 ± 0.395 $\chi^2/\text{NDF}: 38228.1/3$

899.689 ± 0.264 $\chi^2/\text{NDF}: 176376.8/7$

903.631 ± 0.356 $\chi^2/\text{NDF}: 137874.8/3$

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: 23.561+/-63.649 χ^2/NDF : 2.9/3

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

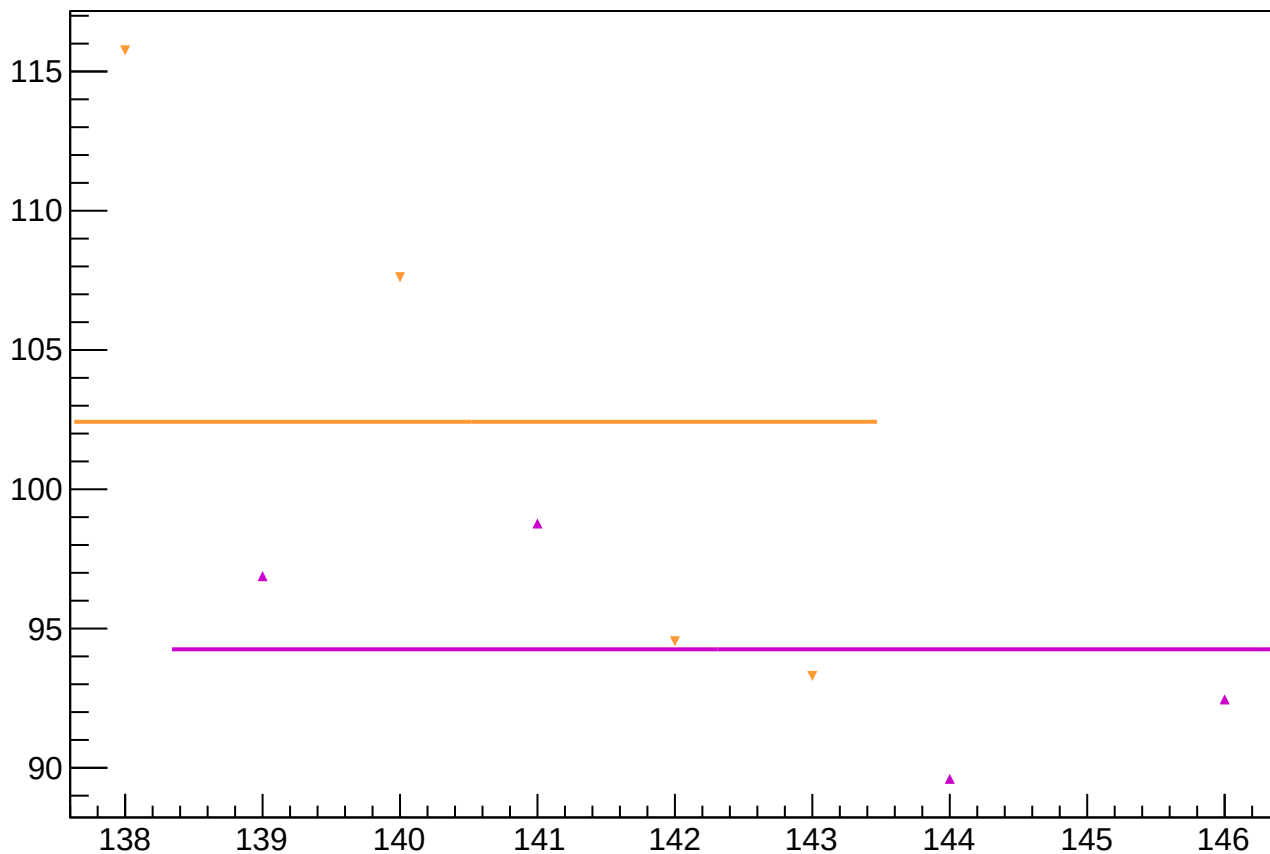
Left In: 49.782+/-53.068 χ^2/NDF : 1.7/3

23.561+/-63.649 χ^2/NDF : 2.9/3

39.029+/-40.760 χ^2/NDF : 4.7/7

49.782+/-53.068 χ^2/NDF : 1.7/3

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: 102.423+/-0.045 χ^2/NDF : 41670.1/3

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

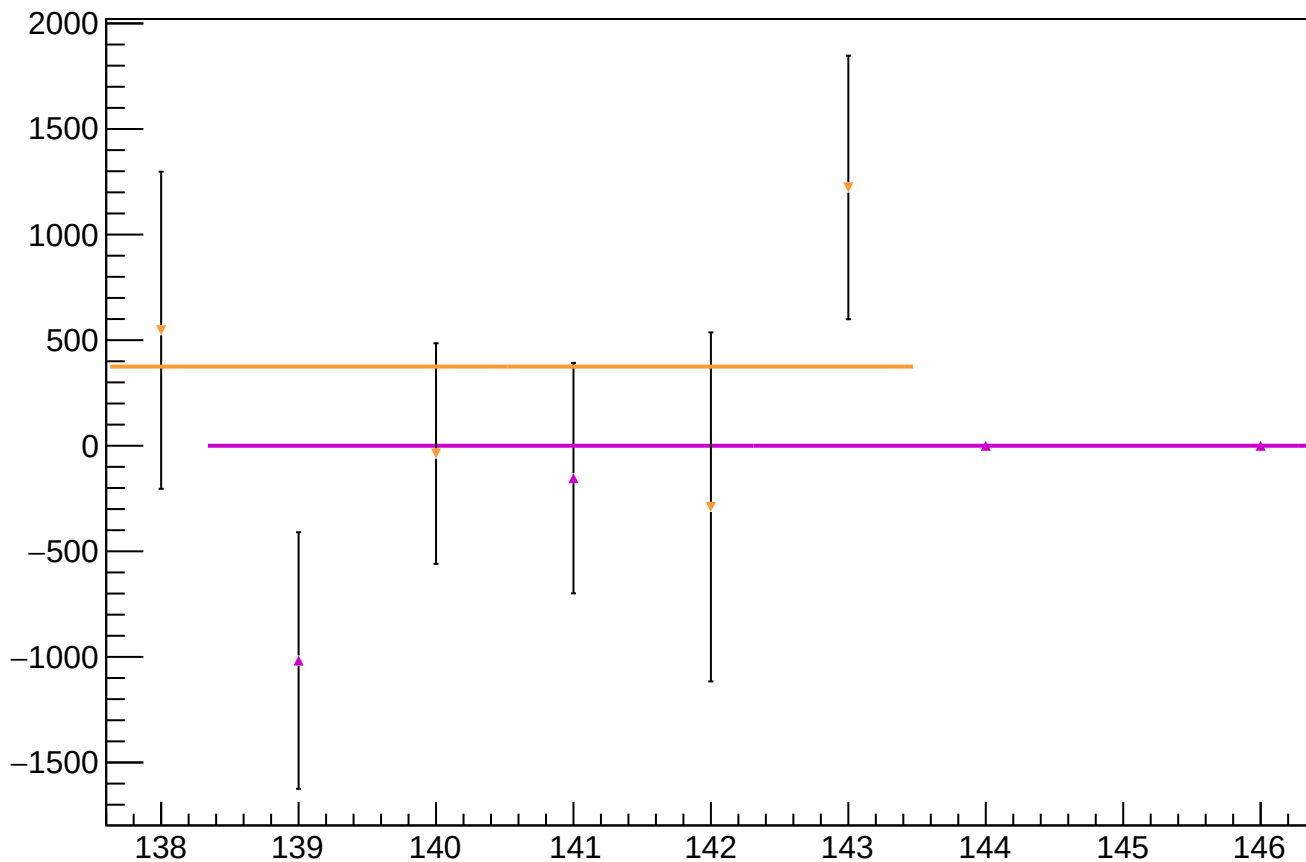
Left In: 94.254+/-0.038 χ^2/NDF : 9488.5/3

102.423+/-0.045 χ^2/NDF : 41670.1/3

97.604+/-0.029 χ^2/NDF : 70593.3/7

94.254+/-0.038 χ^2/NDF : 9488.5/3

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 374.889+/-324.934 χ^2/NDF : 3.2/3

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

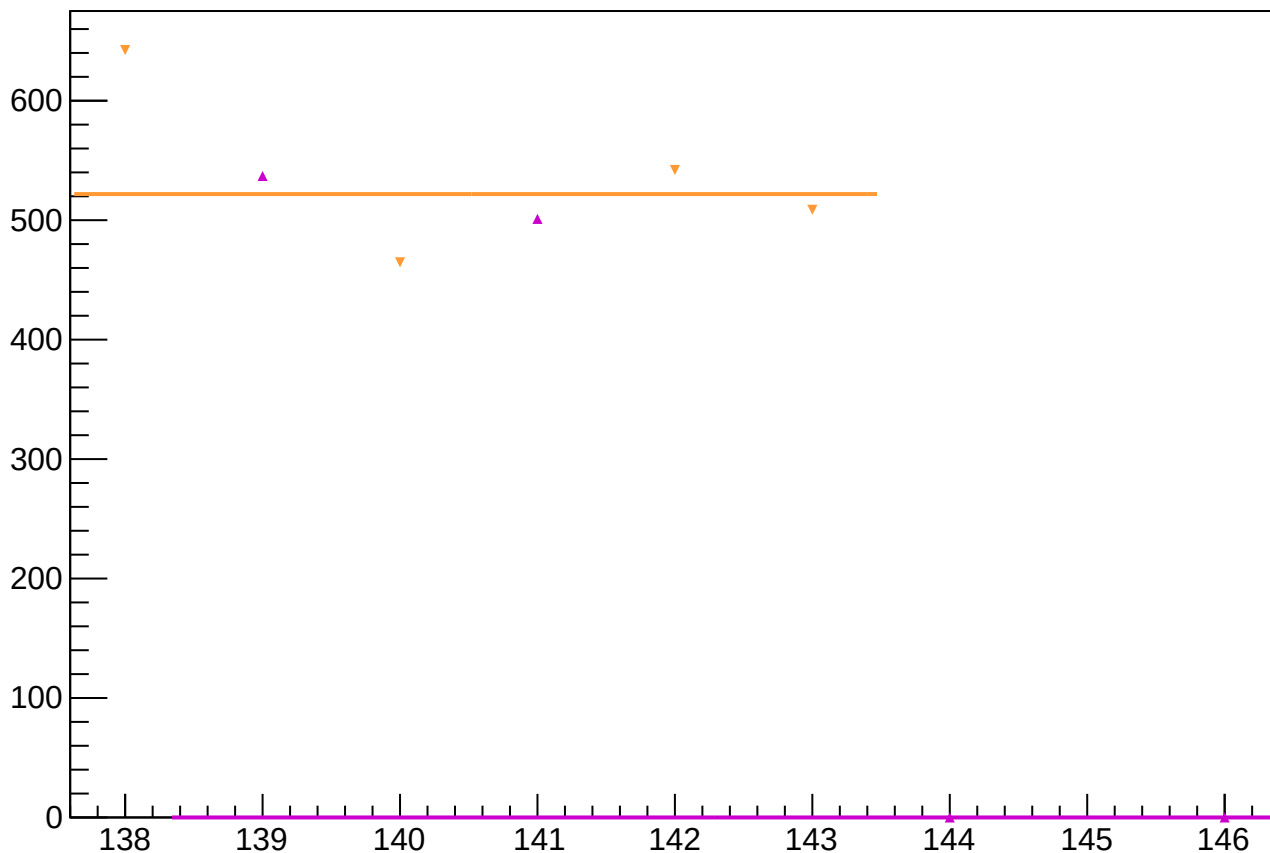
Left In: -0.000+/-0.000 χ^2/NDF : 2.9/3

374.889+/-324.934 χ^2/NDF : 3.2/3

-0.000+/-0.000 χ^2/NDF : 7.4/7

-0.000+/-0.000 χ^2/NDF : 2.9/3

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: 521.859+/-0.230 χ^2/NDF : 77581.8/3

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

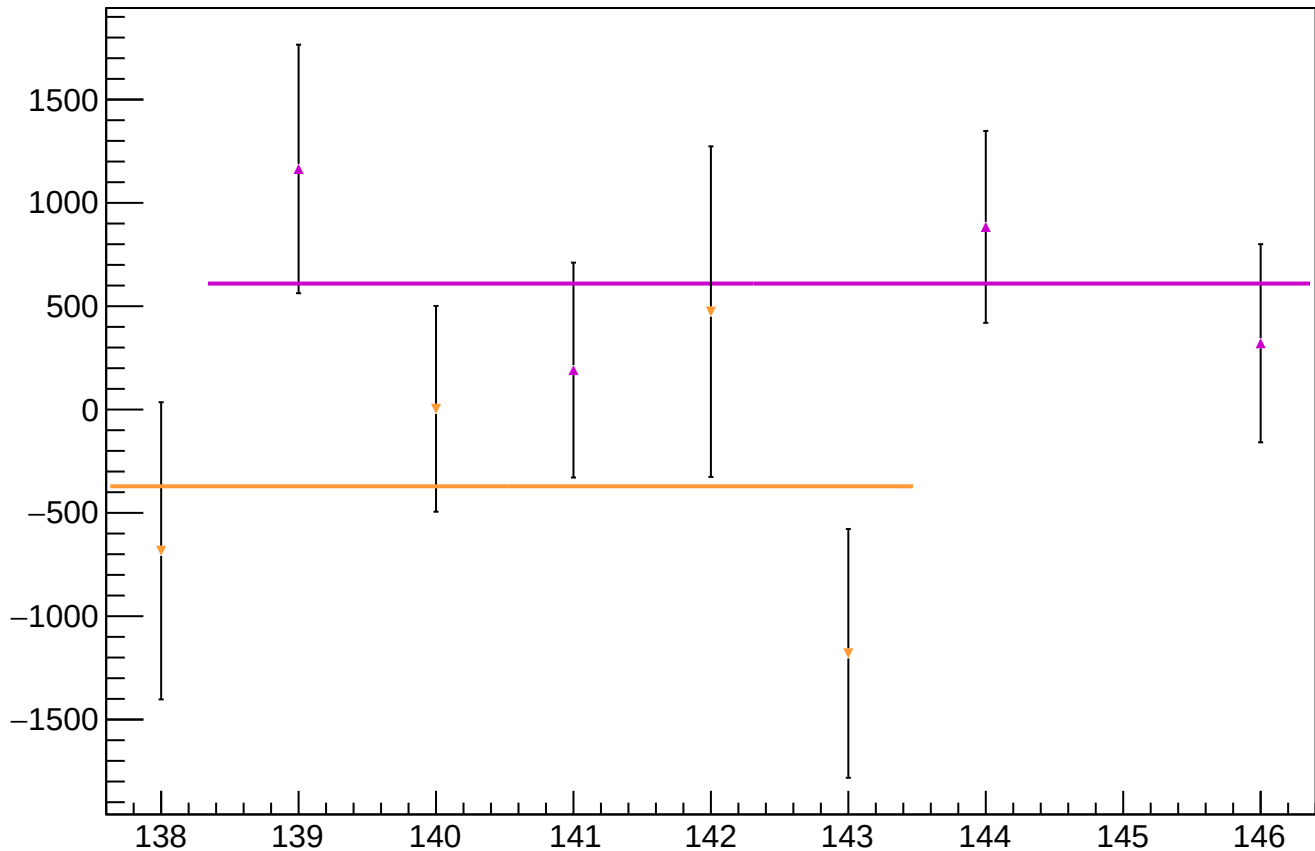
Left In: 0.000+/-0.000 χ^2/NDF : 3250284.0/3

521.859+/-0.230 χ^2/NDF : 77581.8/3

0.000+/-0.000 χ^2/NDF : 8486631.6/7

0.000+/-0.000 χ^2/NDF : 3250284.0/3

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -371.449+/-311.708 χ^2/NDF : 3.7/3

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

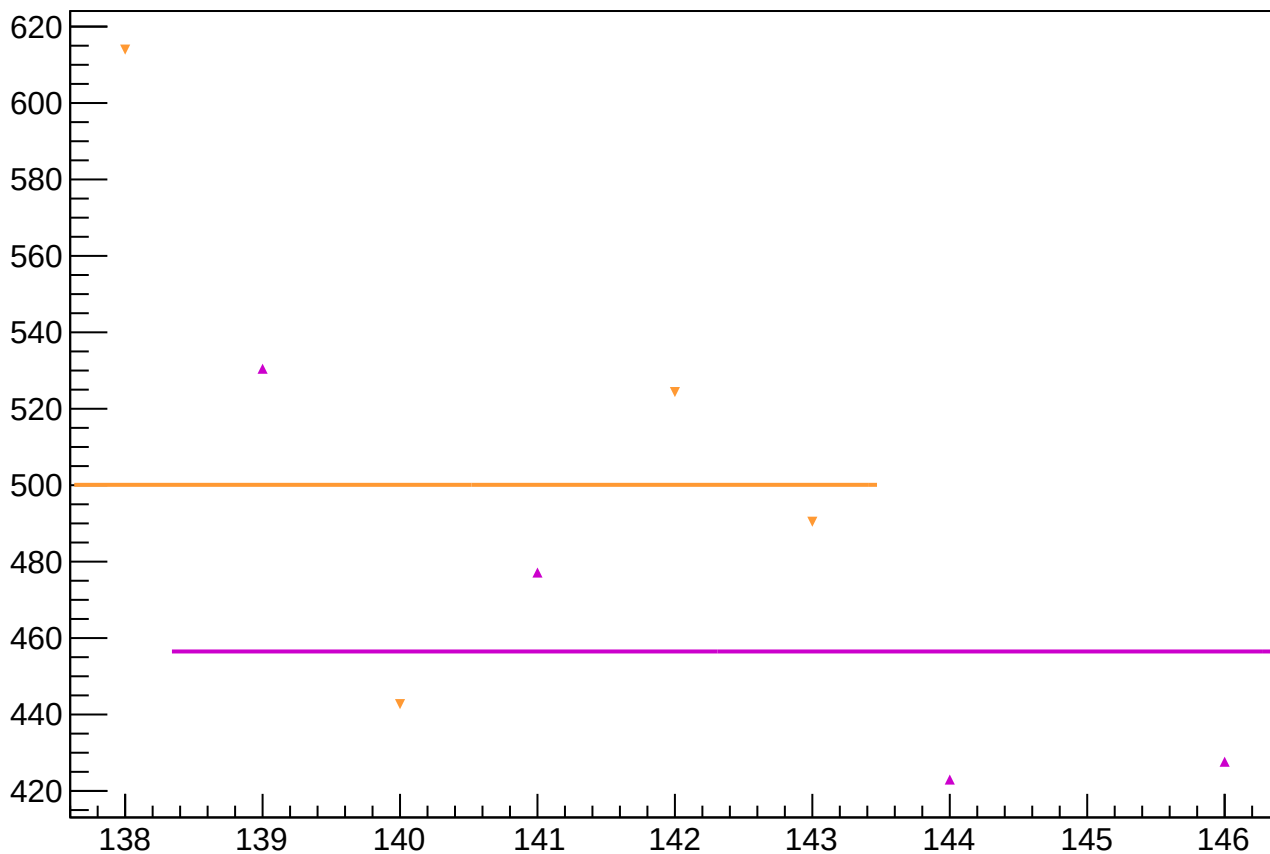
Left In: 609.678+/-254.345 χ^2/NDF : 2.2/3

-371.449+/-311.708 χ^2/NDF : 3.7/3

217.529+/-197.065 χ^2/NDF : 11.8/7

609.678+/-254.345 χ^2/NDF : 2.2/3

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 500.096+/-0.220 χ^2/NDF : 79101.4/3

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

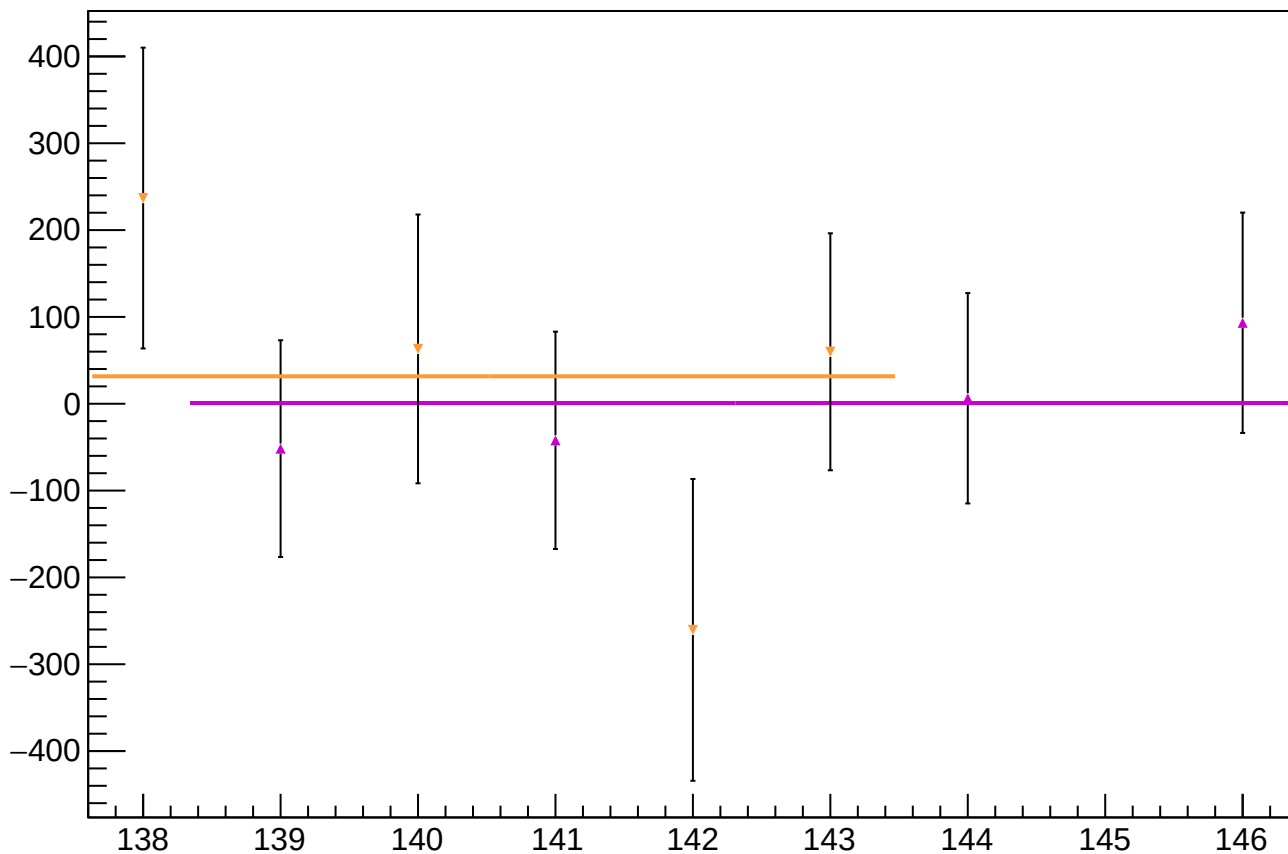
Left In: 456.493+/-0.180 χ^2/NDF : 51098.5/3

500.096+/-0.220 χ^2/NDF : 79101.4/3

473.921+/-0.139 χ^2/NDF : 153693.1/7

456.493+/-0.180 χ^2/NDF : 51098.5/3

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 31.634+/-78.597 χ^2/NDF : 4.3/3

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

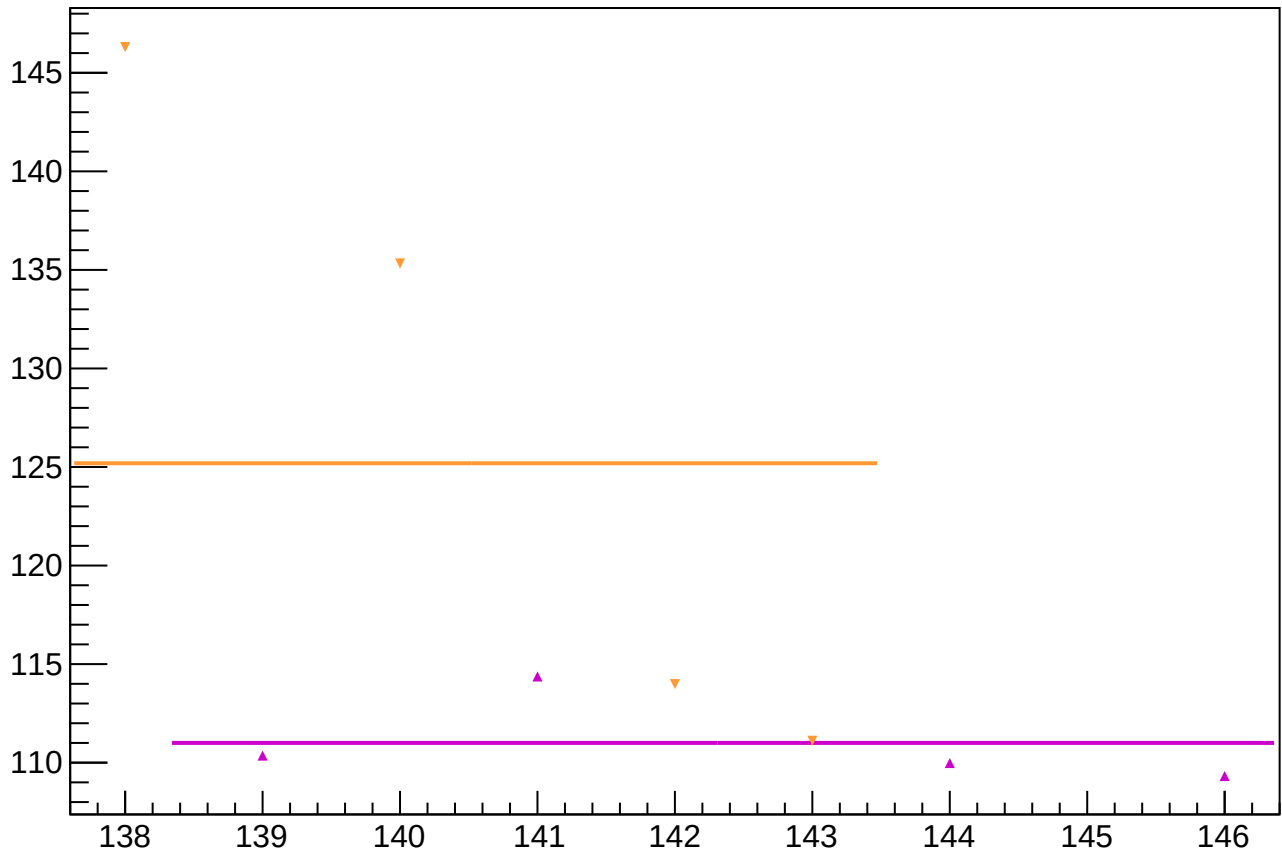
Left In: 0.845+/-62.224 χ^2/NDF : 0.8/3

31.634+/-78.597 χ^2/NDF : 4.3/3

12.707+/-48.786 χ^2/NDF : 5.2/7

0.845+/-62.224 χ^2/NDF : 0.8/3

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 125.190+/-0.056 χ^2/NDF : 67907.1/3

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

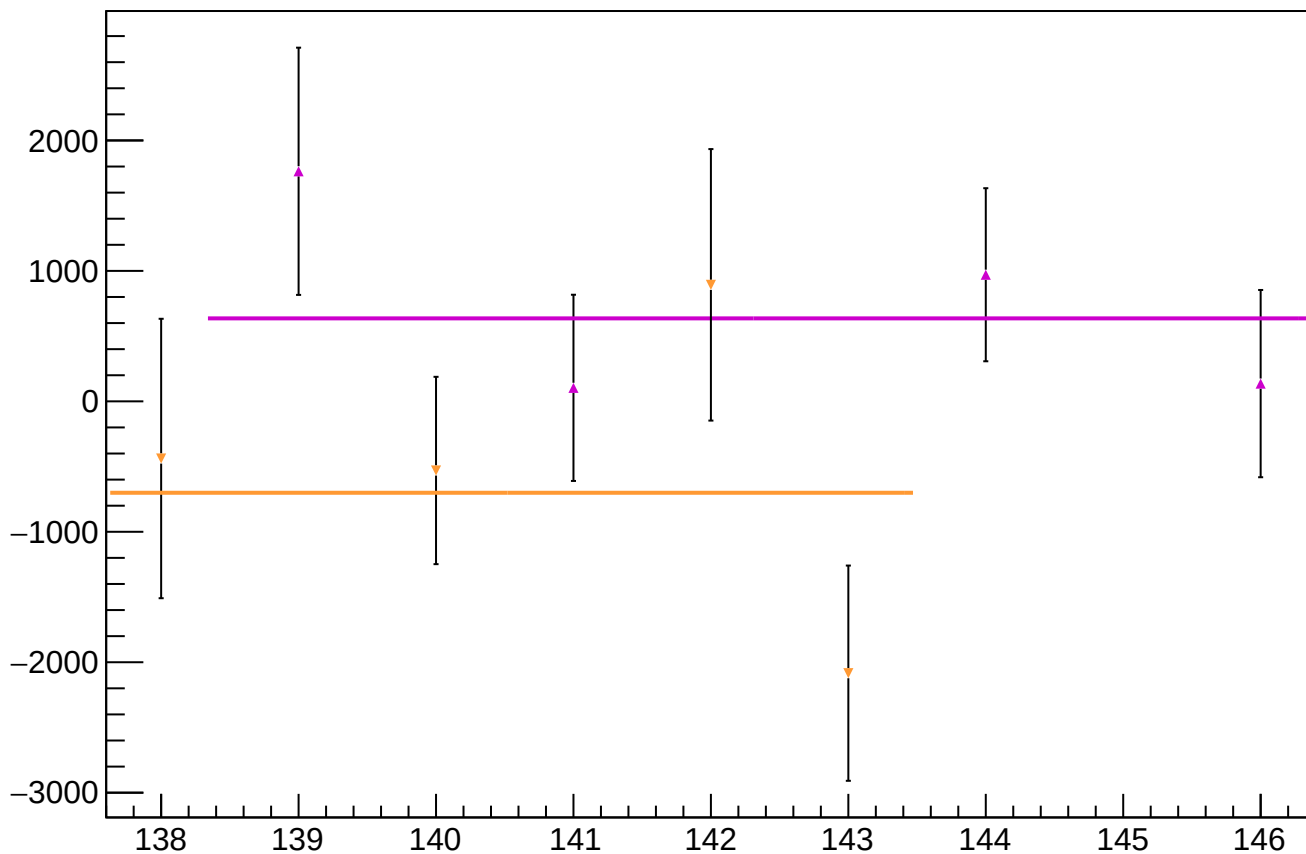
Left In: 111.002+/-0.044 χ^2/NDF : 1997.6/3

125.190+/-0.056 χ^2/NDF : 67907.1/3

116.468+/-0.034 χ^2/NDF : 109965.4/7

111.002+/-0.044 χ^2/NDF : 1997.6/3

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -700.821+/-438.357 χ^2/NDF : 5.3/3

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

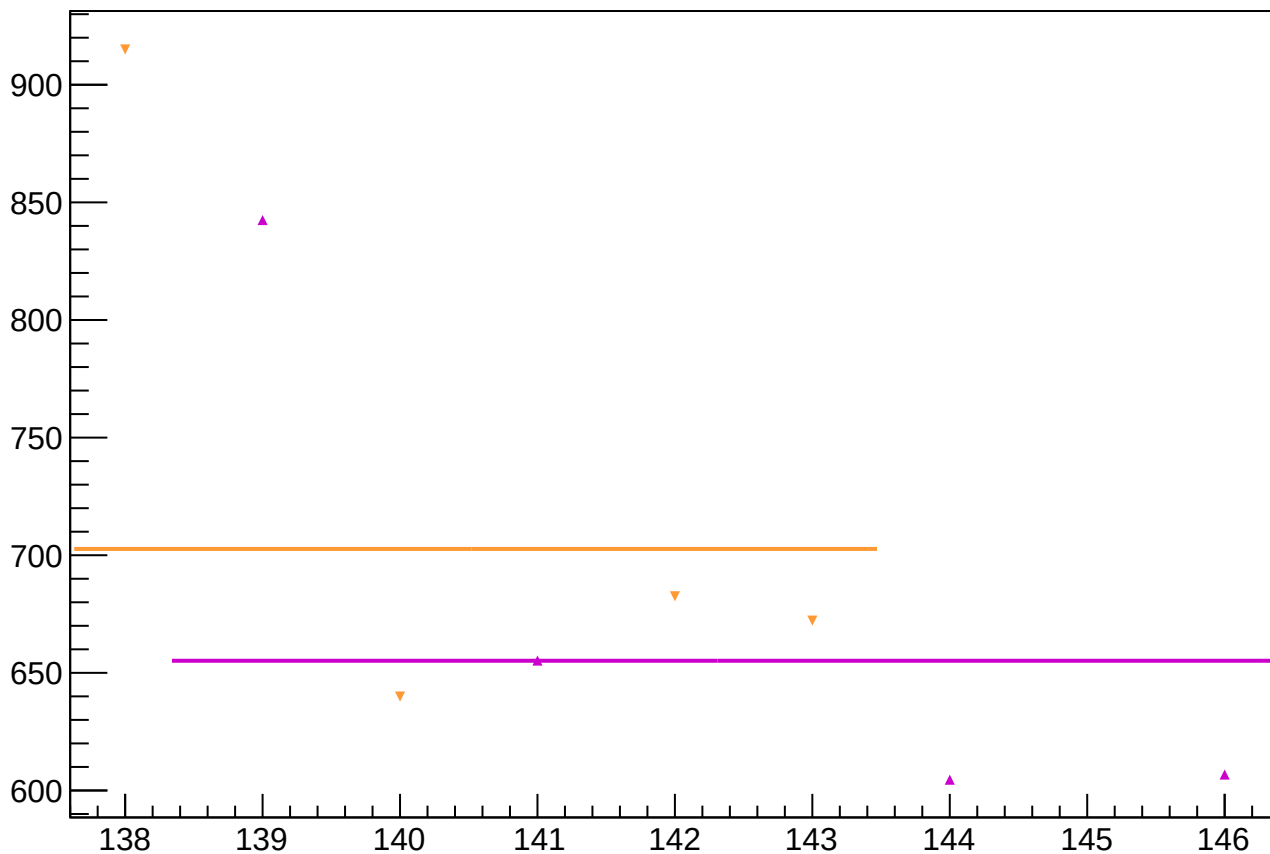
Left In: 635.970+/-370.360 χ^2/NDF : 2.7/3

-700.821+/-438.357 χ^2/NDF : 5.3/3

79.184+/-282.905 χ^2/NDF : 13.4/7

635.970+/-370.360 χ^2/NDF : 2.7/3

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 702.682+/-0.310 χ^2/NDF : 97363.4/3

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

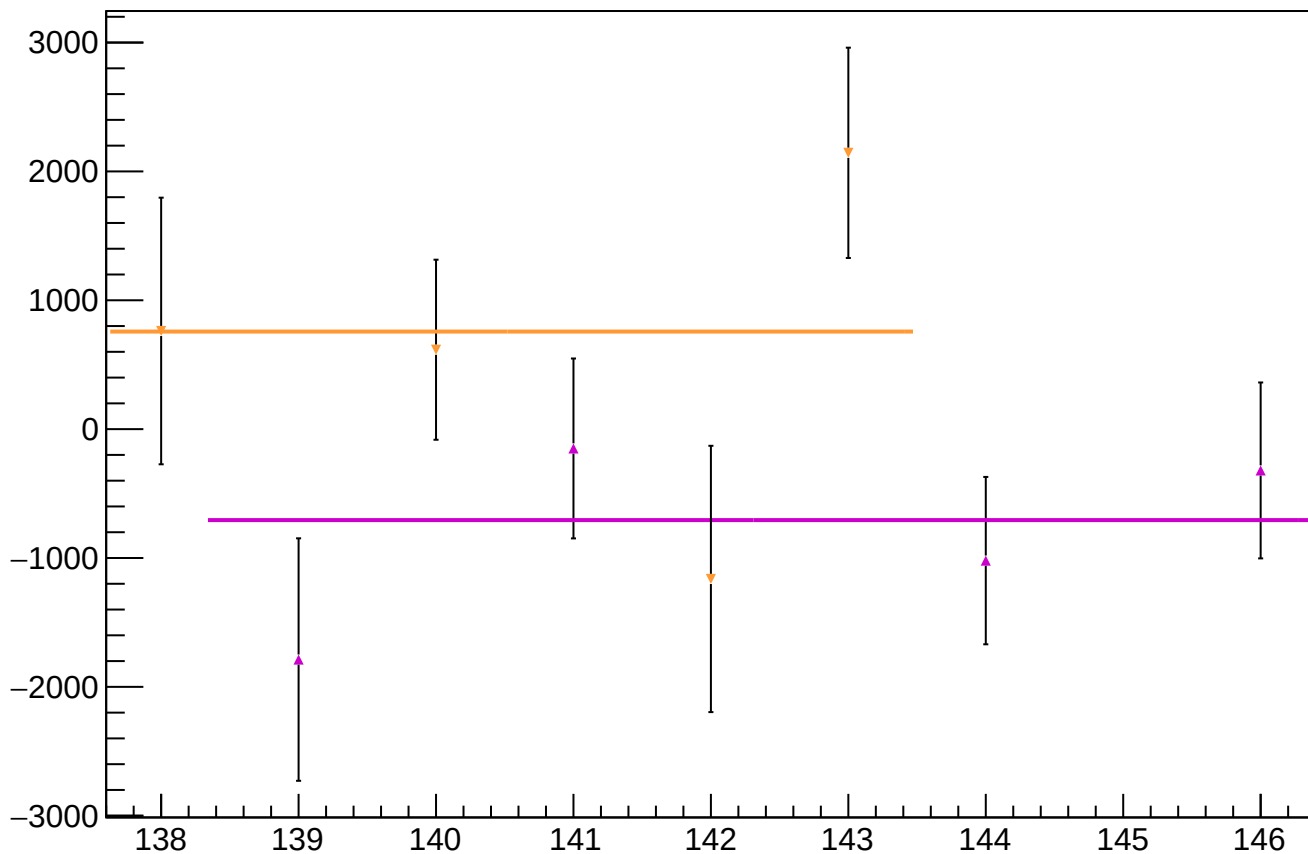
Left In: 655.143+/-0.262 χ^2/NDF : 98874.8/3

702.682+/-0.310 χ^2/NDF : 97363.4/3

674.943+/-0.200 χ^2/NDF : 209962.9/7

655.143+/-0.262 χ^2/NDF : 98874.8/3

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 757.250+/-429.491 χ^2/NDF : 6.4/3

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

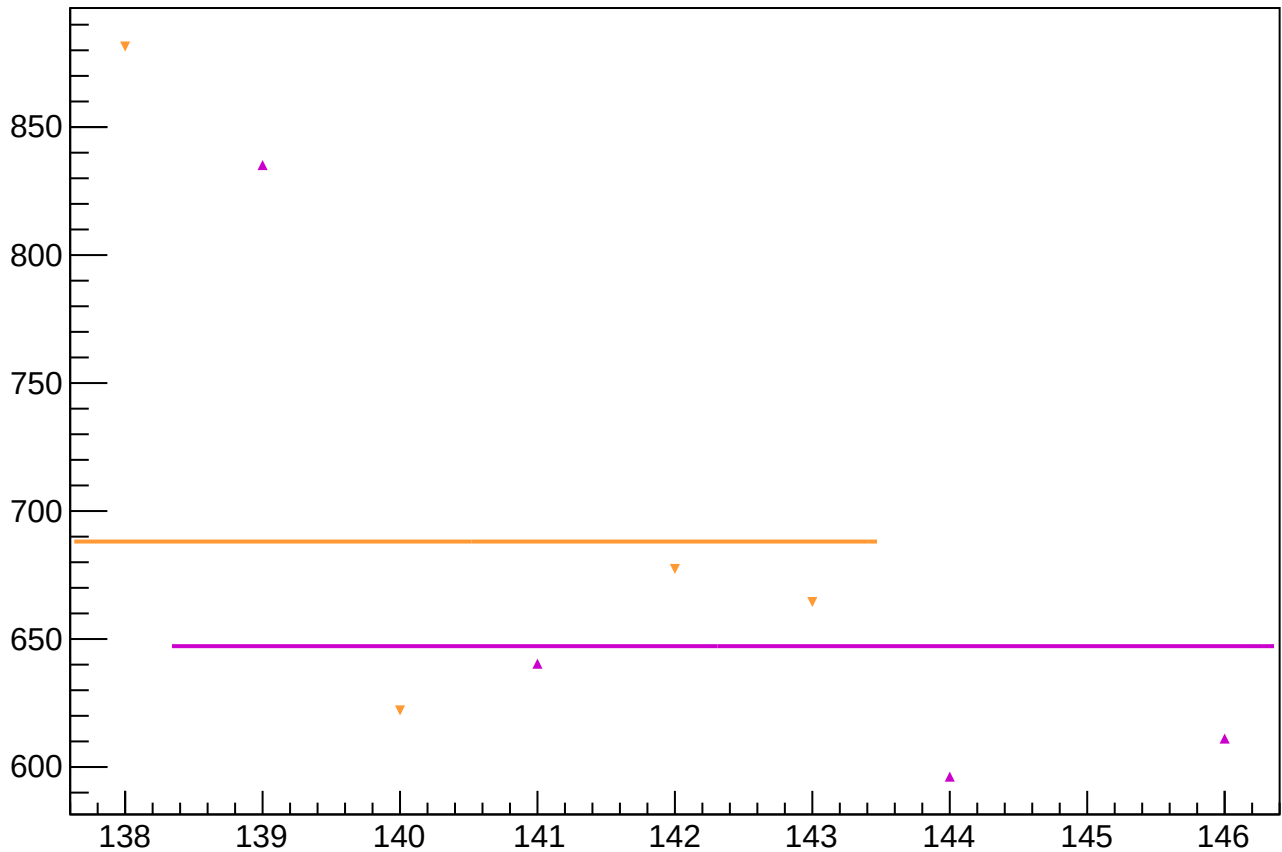
Left In: -705.881+/-360.399 χ^2/NDF : 2.5/3

757.250+/-429.491 χ^2/NDF : 6.4/3

-101.325+/-276.078 χ^2/NDF : 15.7/7

-705.881+/-360.399 χ^2/NDF : 2.5/3

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 688.086+/-0.304 χ^2/NDF : 89609.4/3

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

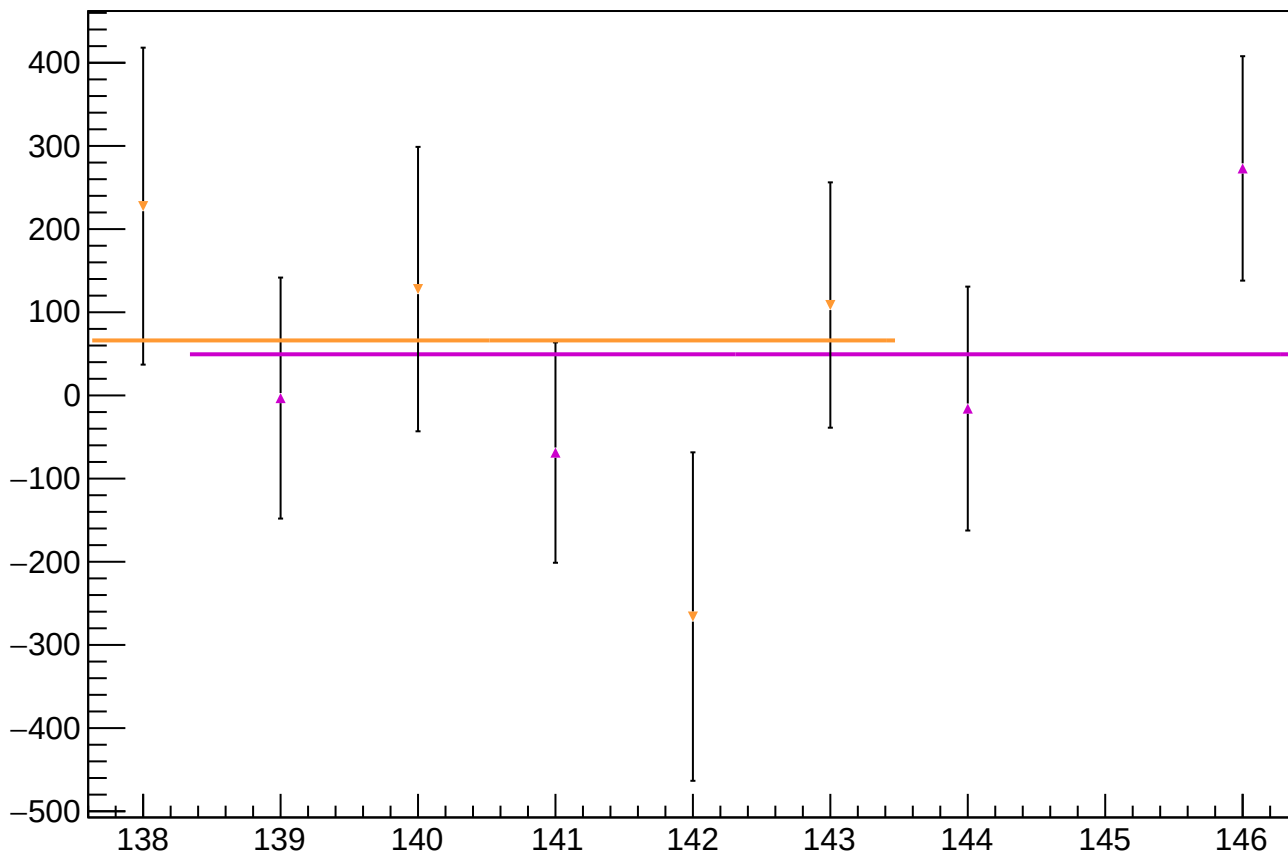
Left In: 647.213+/-0.255 χ^2/NDF : 97918.2/3

688.086+/-0.304 χ^2/NDF : 89609.4/3

664.102+/-0.195 χ^2/NDF : 198156.3/7

647.213+/-0.255 χ^2/NDF : 97918.2/3

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 66.131+/-86.597 χ^2/NDF : 3.8/3

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

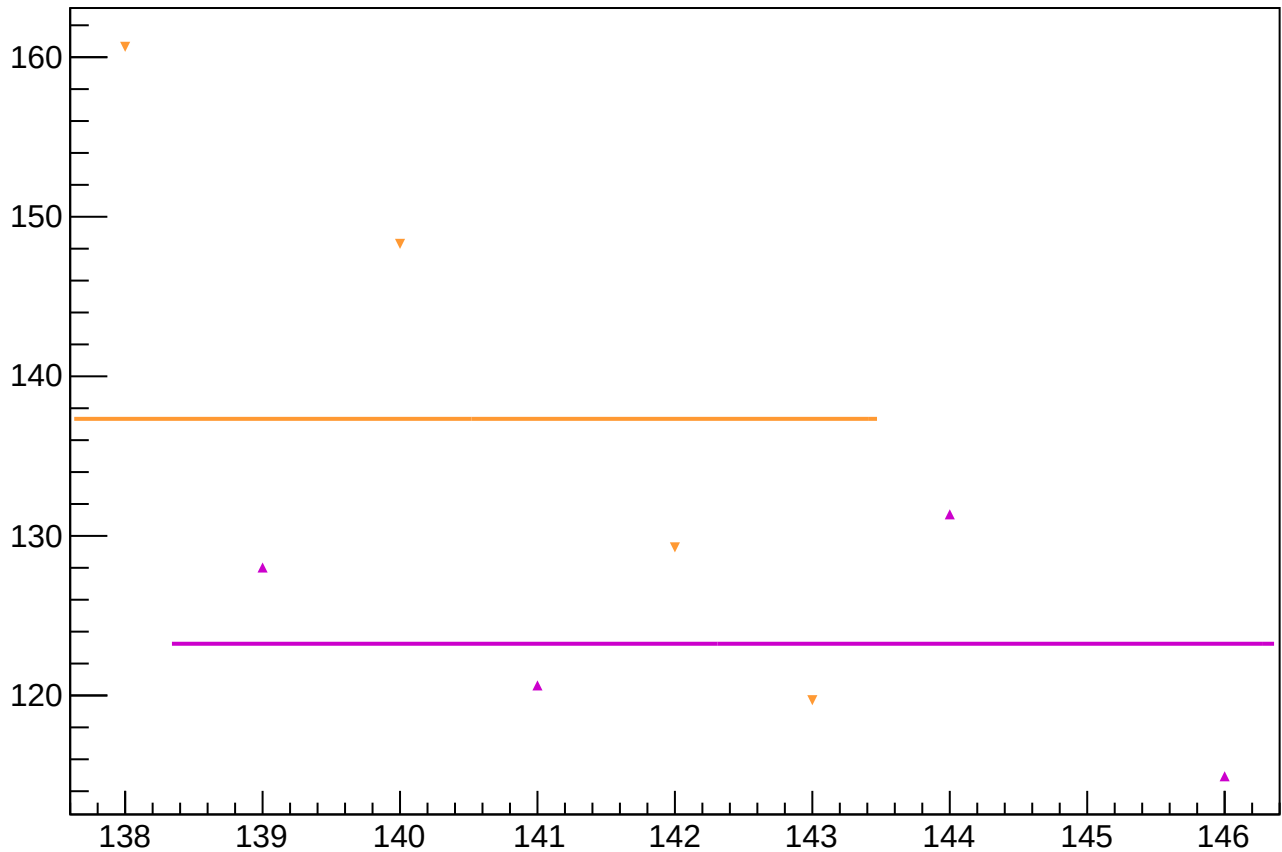
Left In: 49.467+/-69.665 χ^2/NDF : 3.9/3

66.131+/-86.597 χ^2/NDF : 3.8/3

56.014+/-54.281 χ^2/NDF : 7.7/7

49.467+/-69.665 χ^2/NDF : 3.9/3

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 137.336+/-0.061 χ^2/NDF : 70073.8/3

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

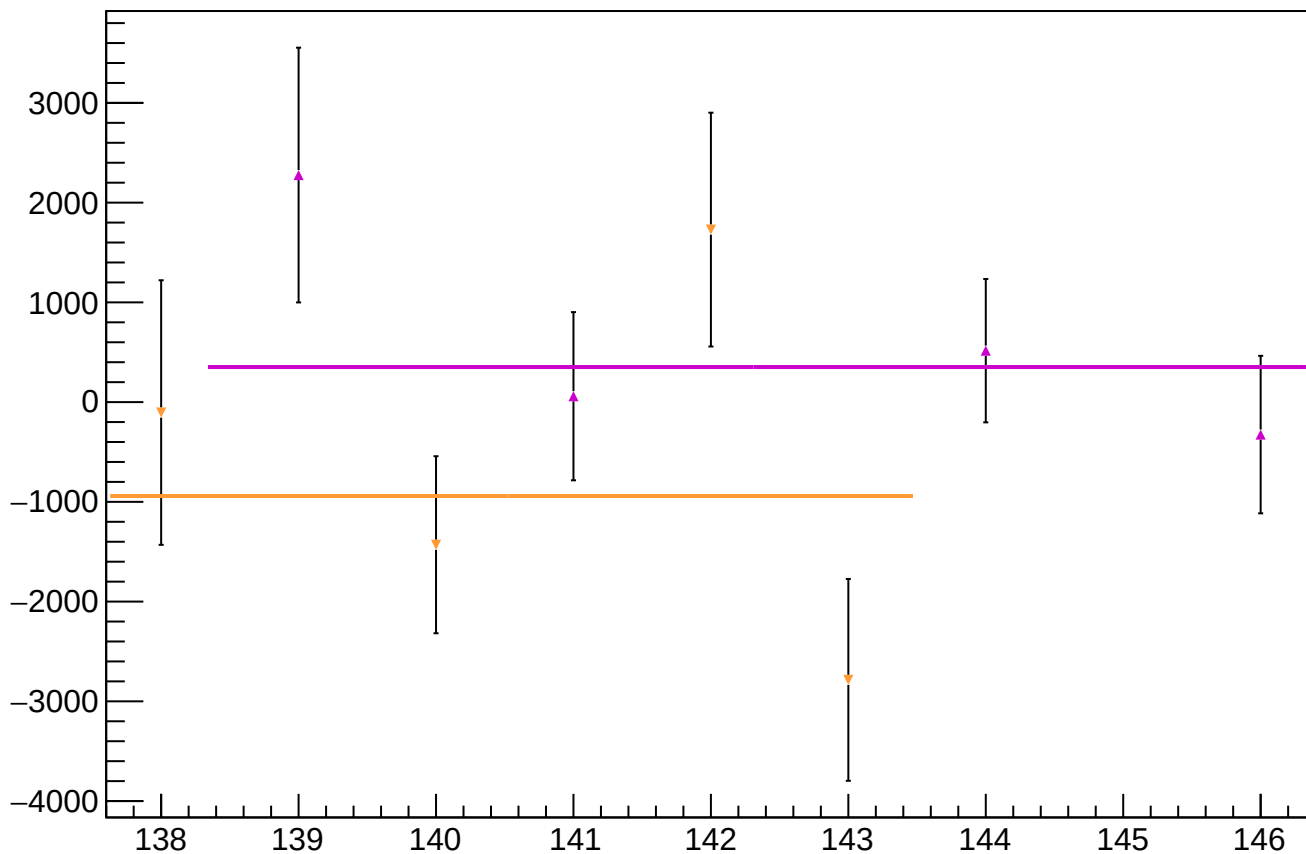
Left In: 123.241+/-0.049 χ^2/NDF : 16649.7/3

137.336+/-0.061 χ^2/NDF : 70073.8/3

128.779+/-0.038 χ^2/NDF : 118890.5/7

123.241+/-0.049 χ^2/NDF : 16649.7/3

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -941.782+/-531.303 χ^2/NDF : 9.2/3

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

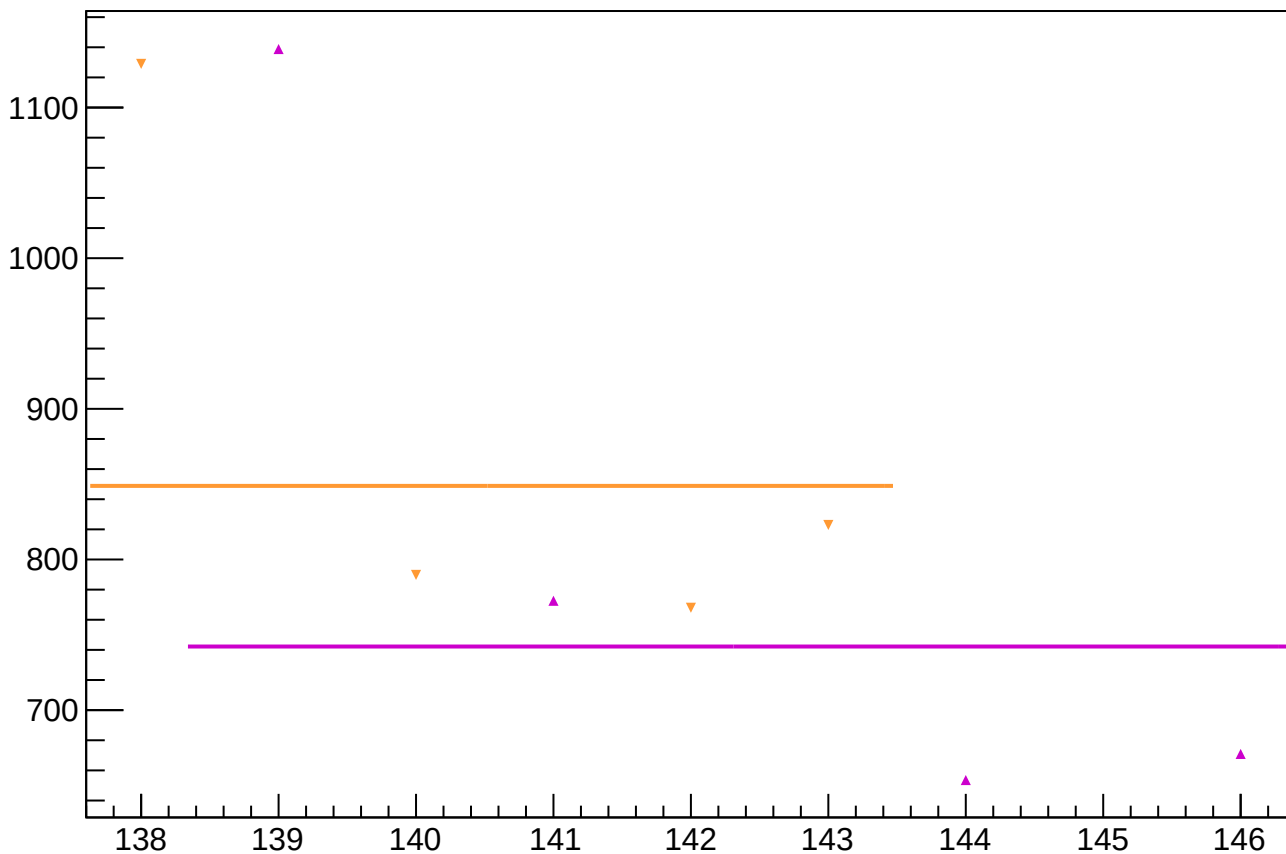
Left In: 351.673+/-424.125 χ^2/NDF : 3.2/3

-941.782+/-531.303 χ^2/NDF : 9.2/3

-151.761+/-331.465 χ^2/NDF : 16.0/7

351.673+/-424.125 χ^2/NDF : 3.2/3

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 848.857+/-0.376 χ^2/NDF : 108921.1/3

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

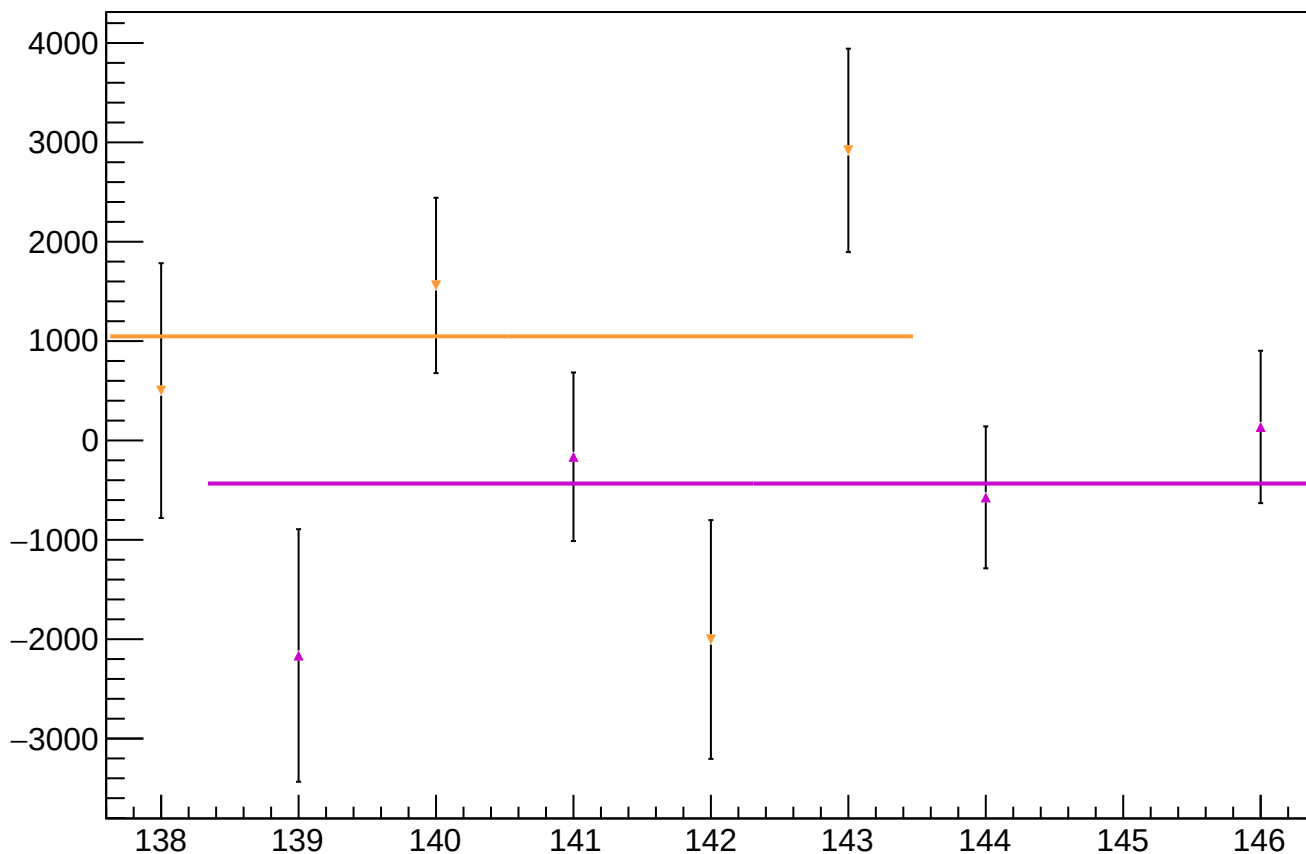
Left In: 742.232+/-0.300 χ^2/NDF : 242181.8/3

848.857+/-0.376 χ^2/NDF : 108921.1/3

783.732+/-0.234 χ^2/NDF : 400301.5/7

742.232+/-0.300 χ^2/NDF : 242181.8/3

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1047.660+/-531.534 χ^2/NDF : 10.3/3

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

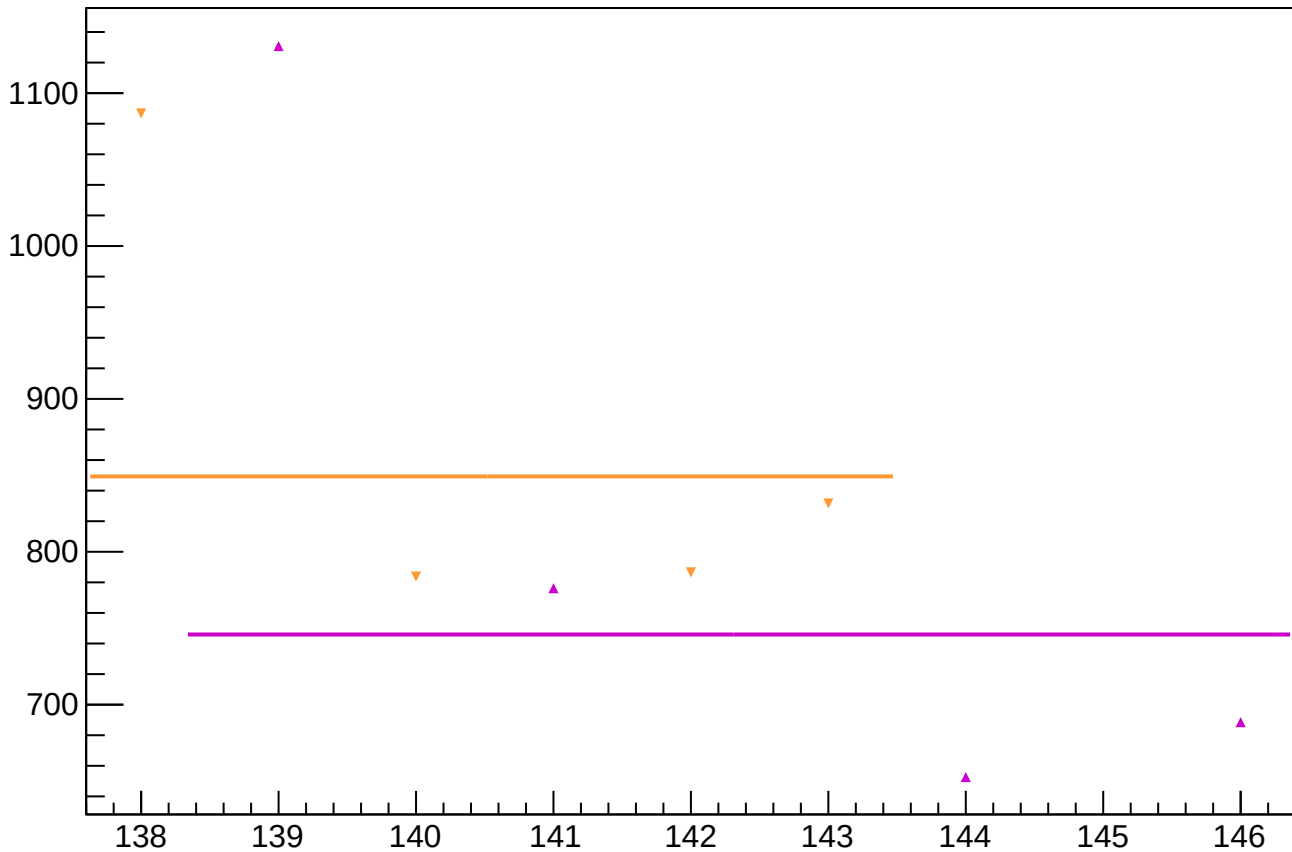
Left In: -433.621+/-419.944 χ^2/NDF : 2.5/3

1047.660+/-531.534 χ^2/NDF : 10.3/3

135.651+/-329.513 χ^2/NDF : 17.6/7

-433.621+/-419.944 χ^2/NDF : 2.5/3

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 849.291+/-0.376 χ^2/NDF : 85669.4/3

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

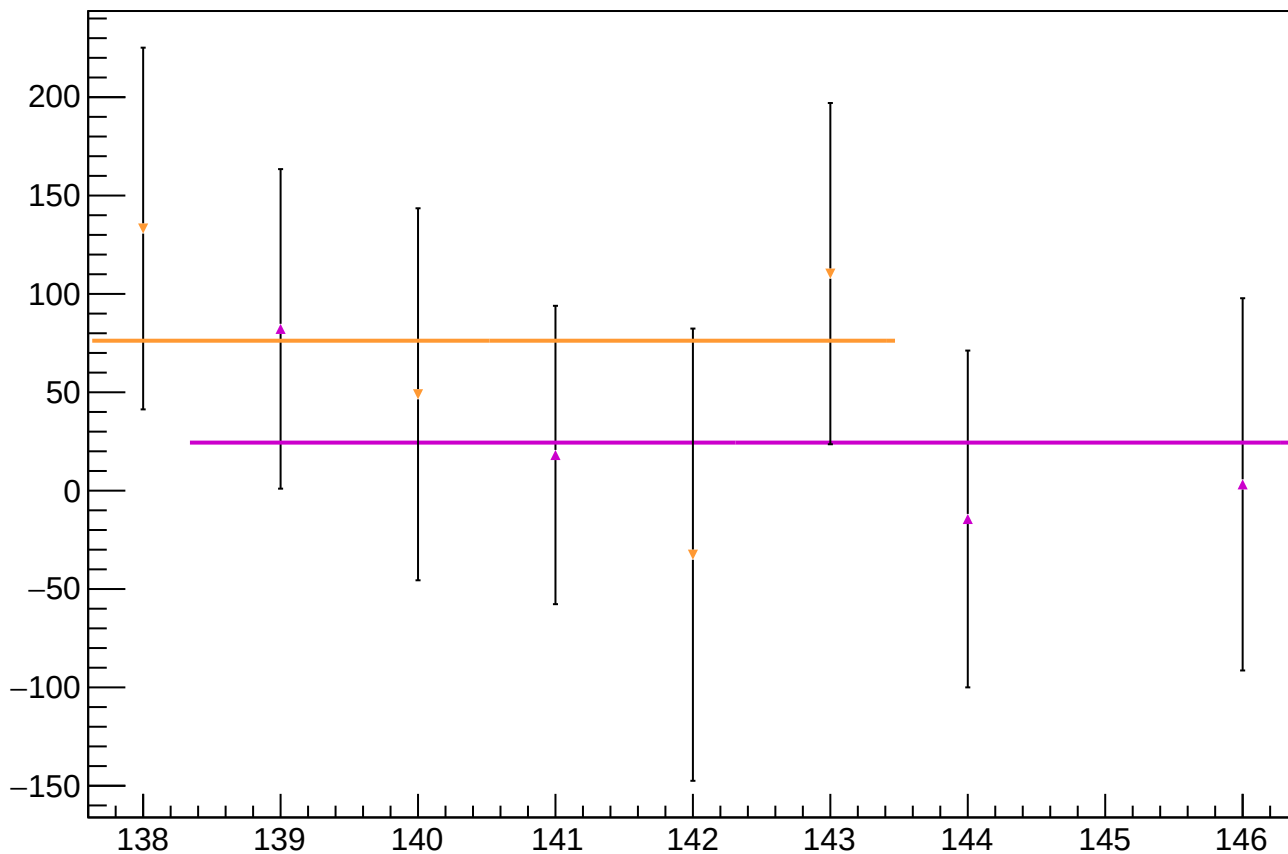
Left In: 745.892+/-0.297 χ^2/NDF : 231219.9/3

849.291+/-0.376 χ^2/NDF : 85669.4/3

785.630+/-0.233 χ^2/NDF : 363486.6/7

745.892+/-0.297 χ^2/NDF : 231219.9/3

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: 76.216 $\pm$ 47.736 χ^2 /NDF:1.5/3

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

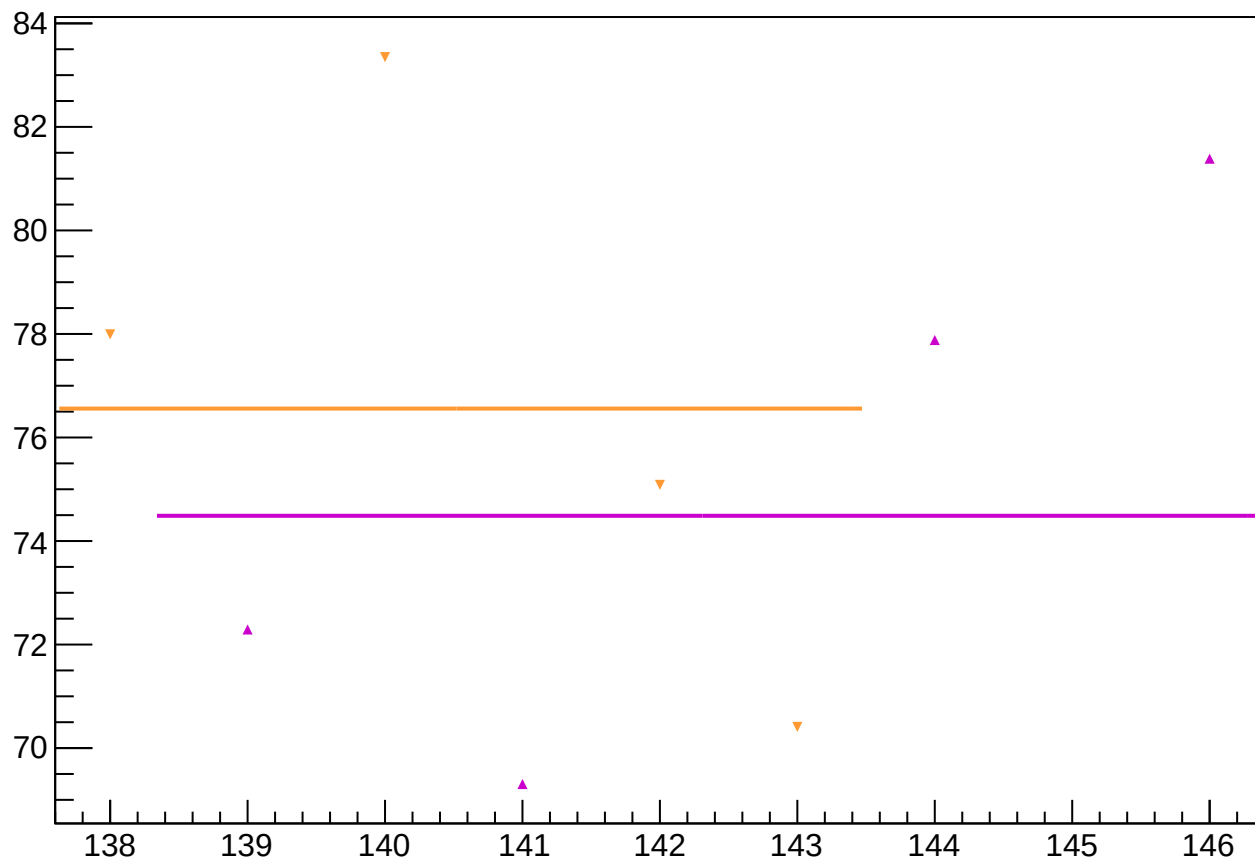
Left In: 24.425 $\pm$ 41.748 χ^2 /NDF:0.8/3

76.216 $\pm$ 47.736 χ^2 /NDF: 1.5/3

46.871 $\pm$ 31.425 χ^2 /NDF: 3.0/7

24.425 $\pm$ 41.748 χ^2 /NDF: 0.8/3

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 76.559 $\pm$ 0.034 χ^2 /NDF: 21182.5/3

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

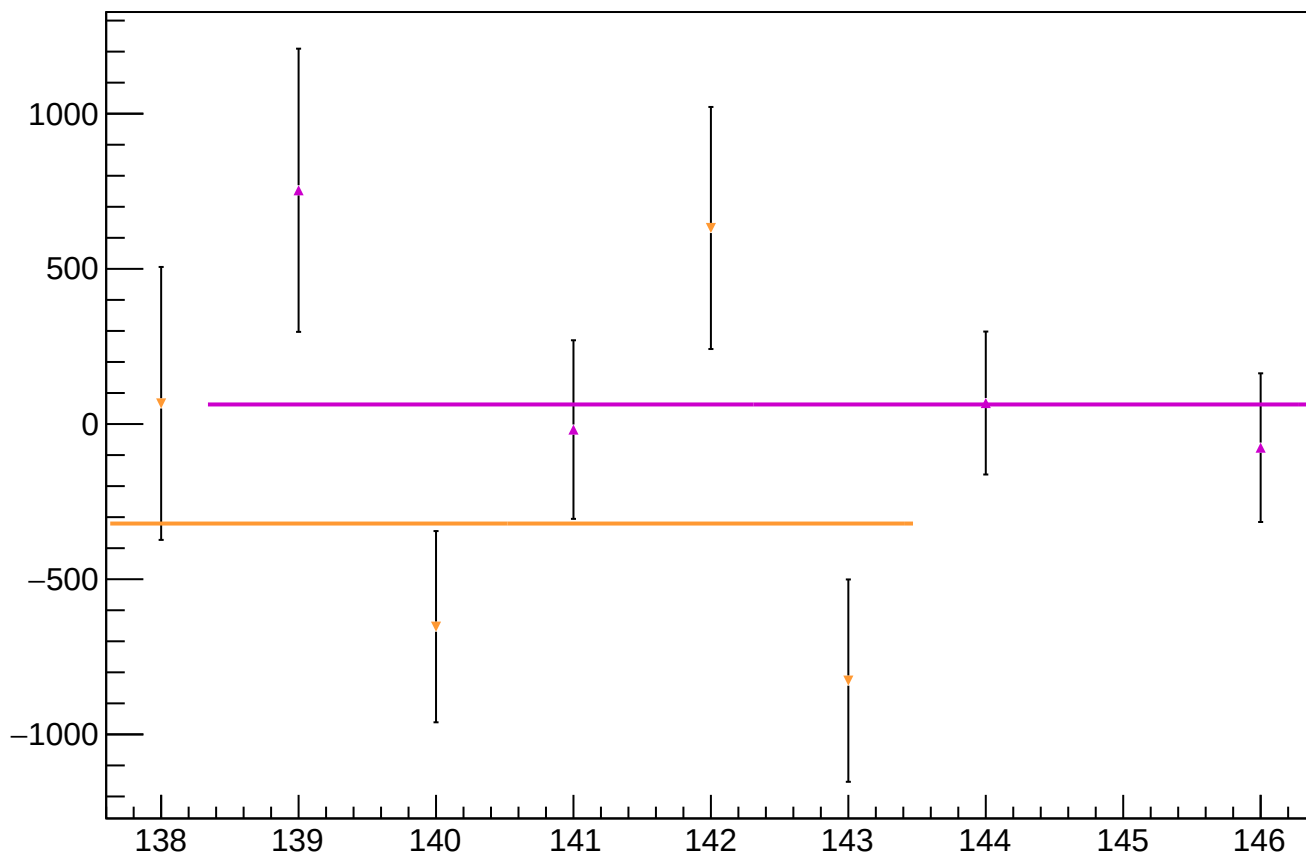
Left In: 74.488 $\pm$ 0.030 χ^2 /NDF: 24583.8/3

76.559 $\pm$ 0.034 χ^2 /NDF: 21182.5/3

75.385 $\pm$ 0.022 χ^2 /NDF: 47899.5/7

74.488 $\pm$ 0.030 χ^2 /NDF: 24583.8/3

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -320.590+/-177.635 χ^2/NDF : 10.3/3

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

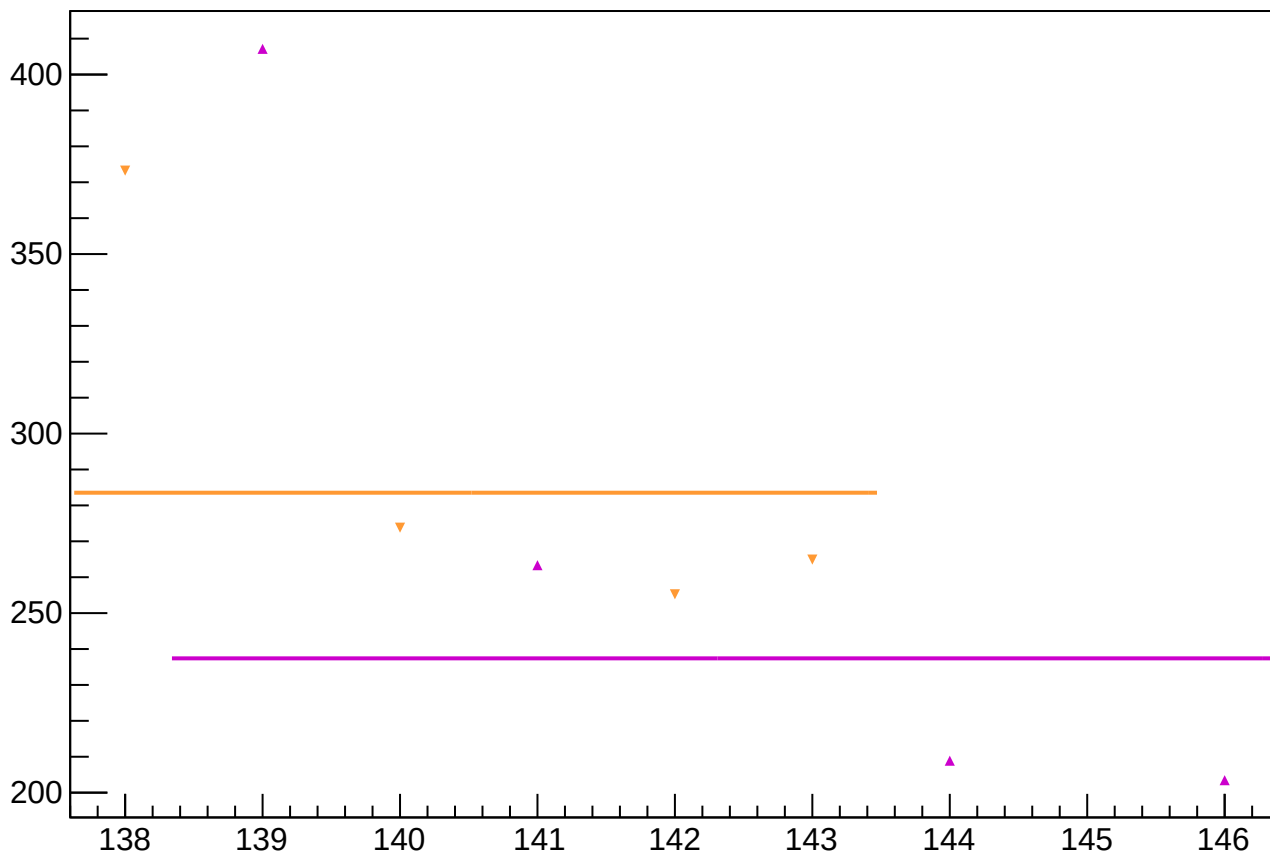
Left In: 63.085+/-137.143 χ^2/NDF : 2.7/3

-320.590+/-177.635 χ^2/NDF : 10.3/3

-80.202+/-108.555 χ^2/NDF : 15.9/7

63.085+/-137.143 χ^2/NDF : 2.7/3

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 283.535+/-0.126 χ^2/NDF :102288.3/3

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

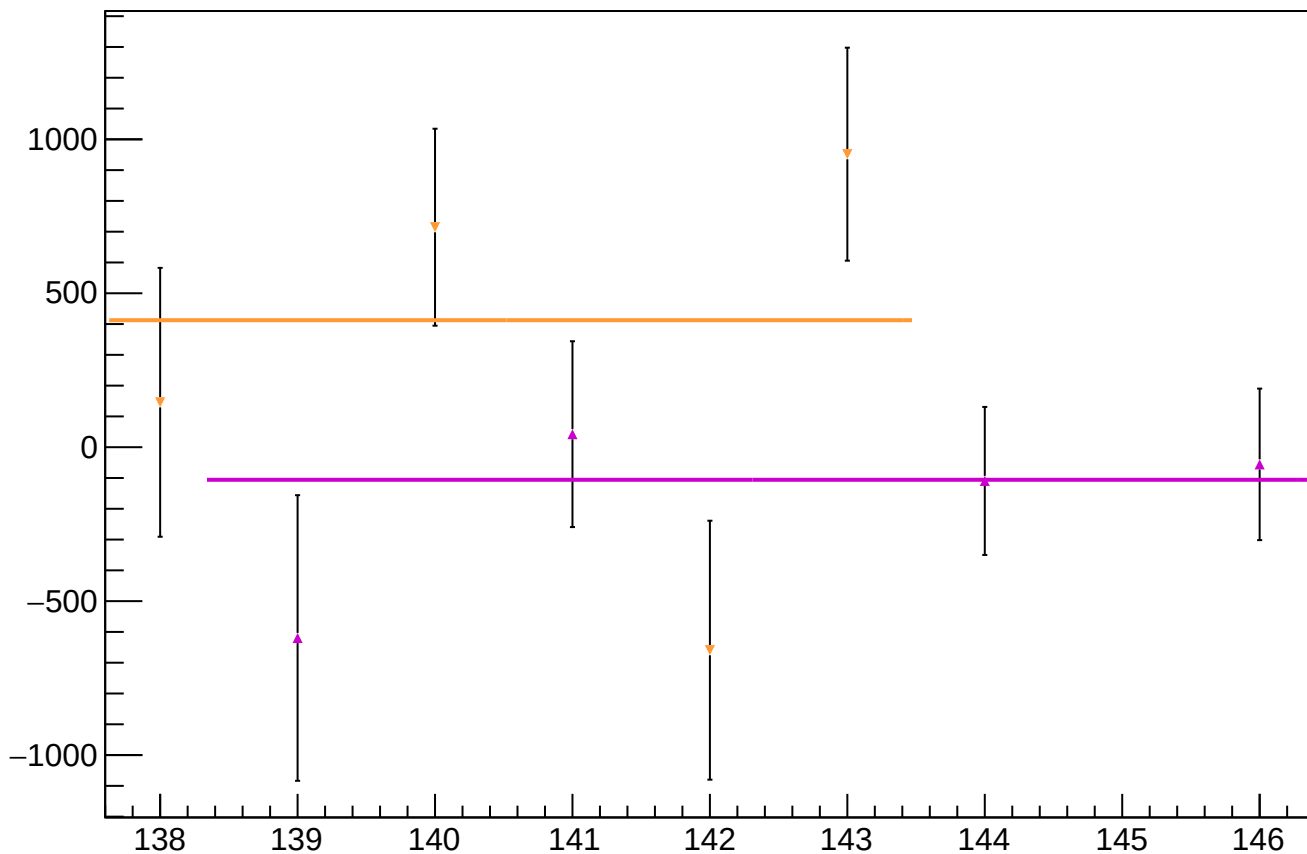
Left In: 237.402+/-0.097 χ^2/NDF :363920.5/3

283.535+/-0.126 χ^2/NDF : 102288.3/3

254.631+/-0.077 χ^2/NDF : 550726.9/7

237.402+/-0.097 χ^2/NDF : 363920.5/3

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 412.498+/-185.605 χ^2/NDF : 10.2/3

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

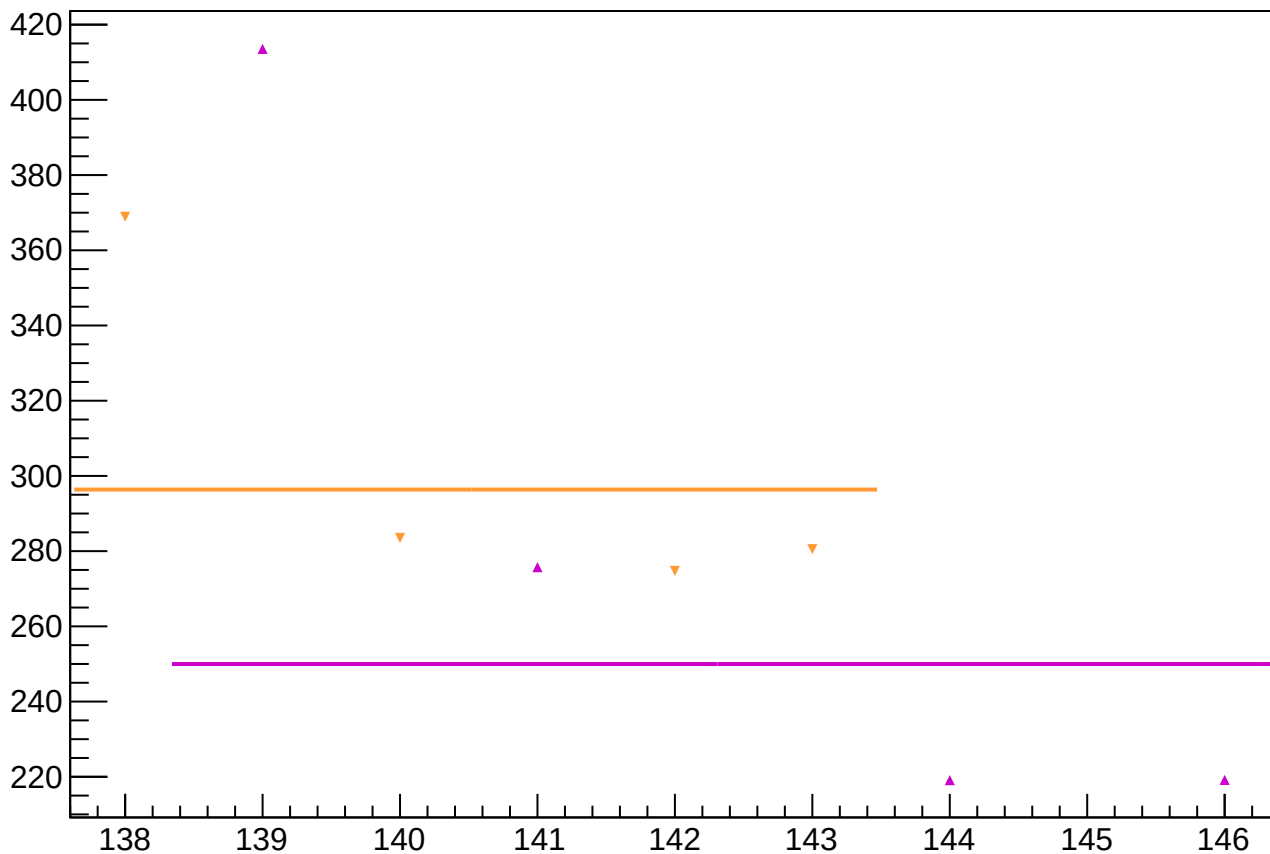
Left In: -105.829+/-142.213 χ^2/NDF : 1.5/3

412.498+/-185.605 χ^2/NDF : 10.2/3

85.906+/-112.886 χ^2/NDF : 16.6/7

-105.829+/-142.213 χ^2/NDF : 1.5/3

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 296.377+/-0.131 χ^2/NDF : 67918.1/3

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

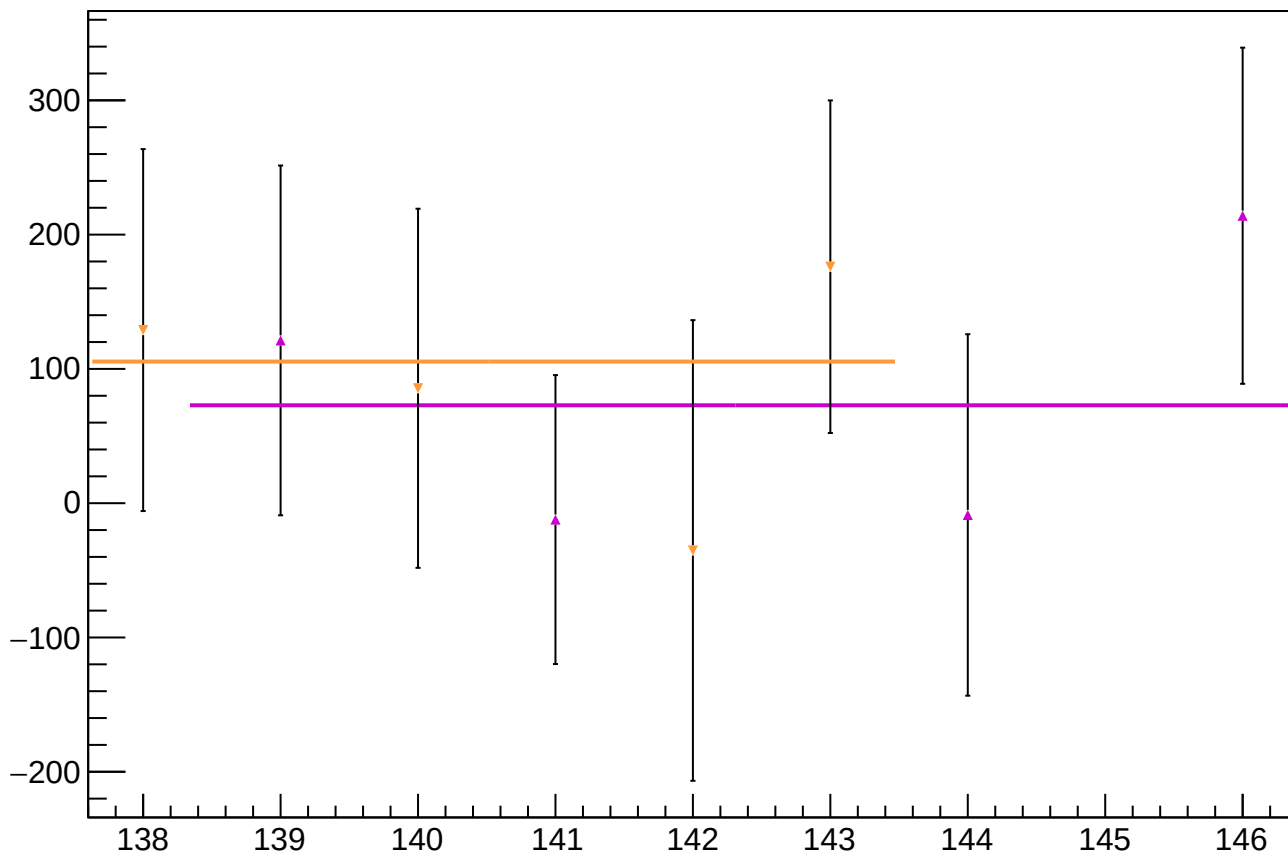
Left In: 249.977+/-0.101 χ^2/NDF : 327614.5/3

296.377+/-0.131 χ^2/NDF : 67918.1/3

267.141+/-0.080 χ^2/NDF : 474290.2/7

249.977+/-0.101 χ^2/NDF : 327614.5/3

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 105.476+/-68.975 χ^2/NDF : 1.1/3

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

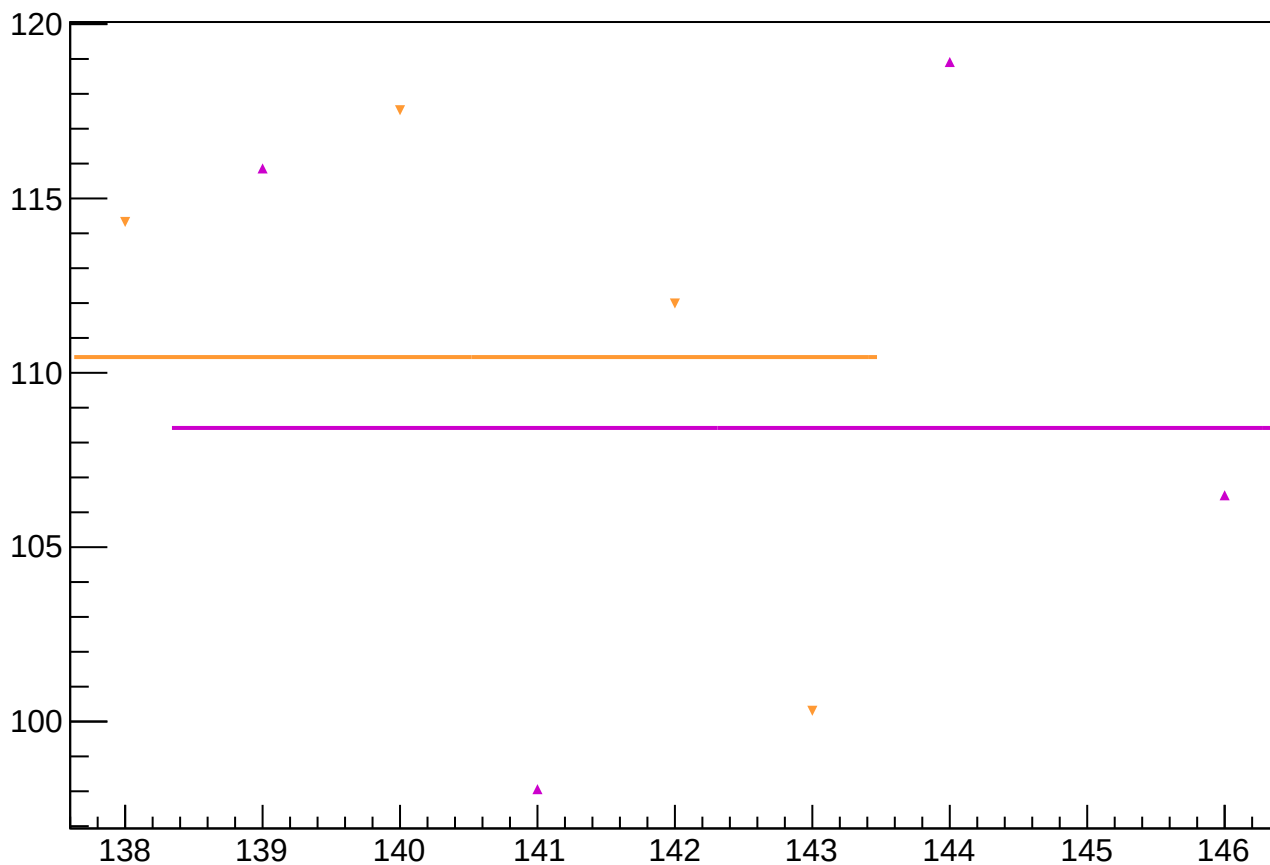
Left In: 72.904+/-61.500 χ^2/NDF : 2.4/3

105.476+/-68.975 χ^2/NDF : 1.1/3

87.330+/-45.903 χ^2/NDF : 3.6/7

72.904+/-61.500 χ^2/NDF : 2.4/3

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 110.452+/-0.049 χ^2/NDF : 20835.9/3

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

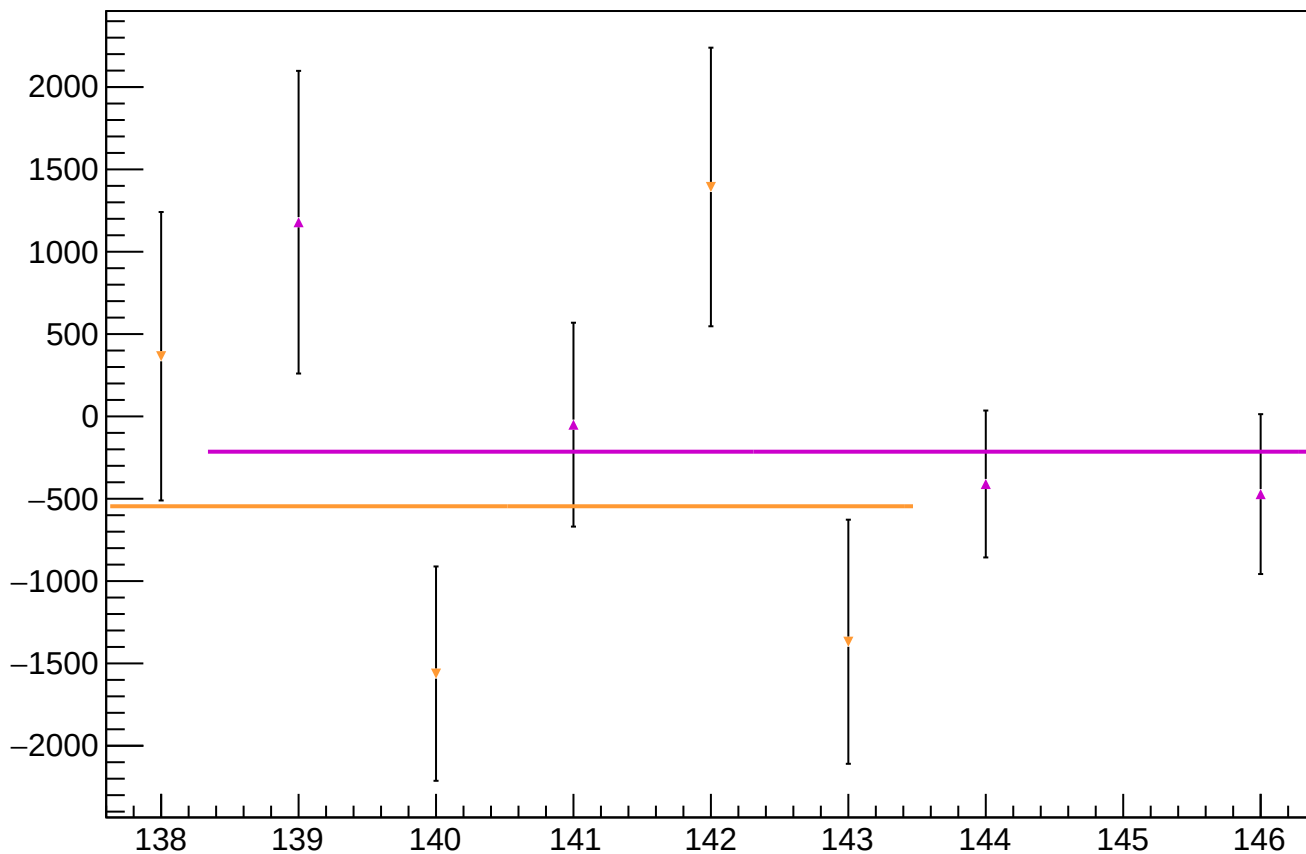
Left In: 108.419+/-0.043 χ^2/NDF : 37702.4/3

110.452+/-0.049 χ^2/NDF : 20835.9/3

109.319+/-0.032 χ^2/NDF : 59505.8/7

108.419+/-0.043 χ^2/NDF : 37702.4/3

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -545.672+/-381.180 χ^2/NDF :10.0/3

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

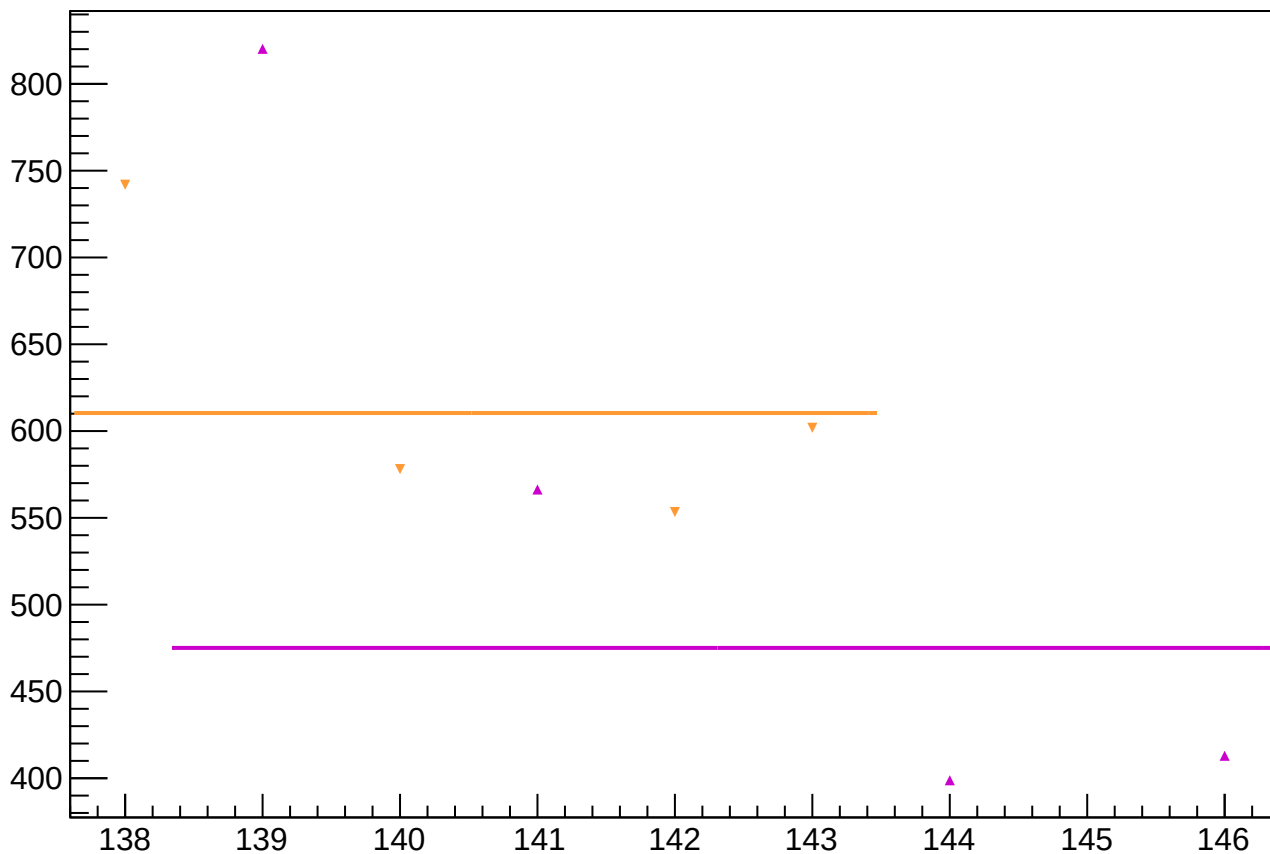
Left In: -214.273+/-276.674 χ^2/NDF :2.8/3

-545.672+/-381.180 χ^2/NDF : 10.0/3

-328.622+/-223.909 χ^2/NDF : 13.3/7

-214.273+/-276.674 χ^2/NDF : 2.8/3

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 610.389+/-0.270 χ^2/NDF : 59381.5/3

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

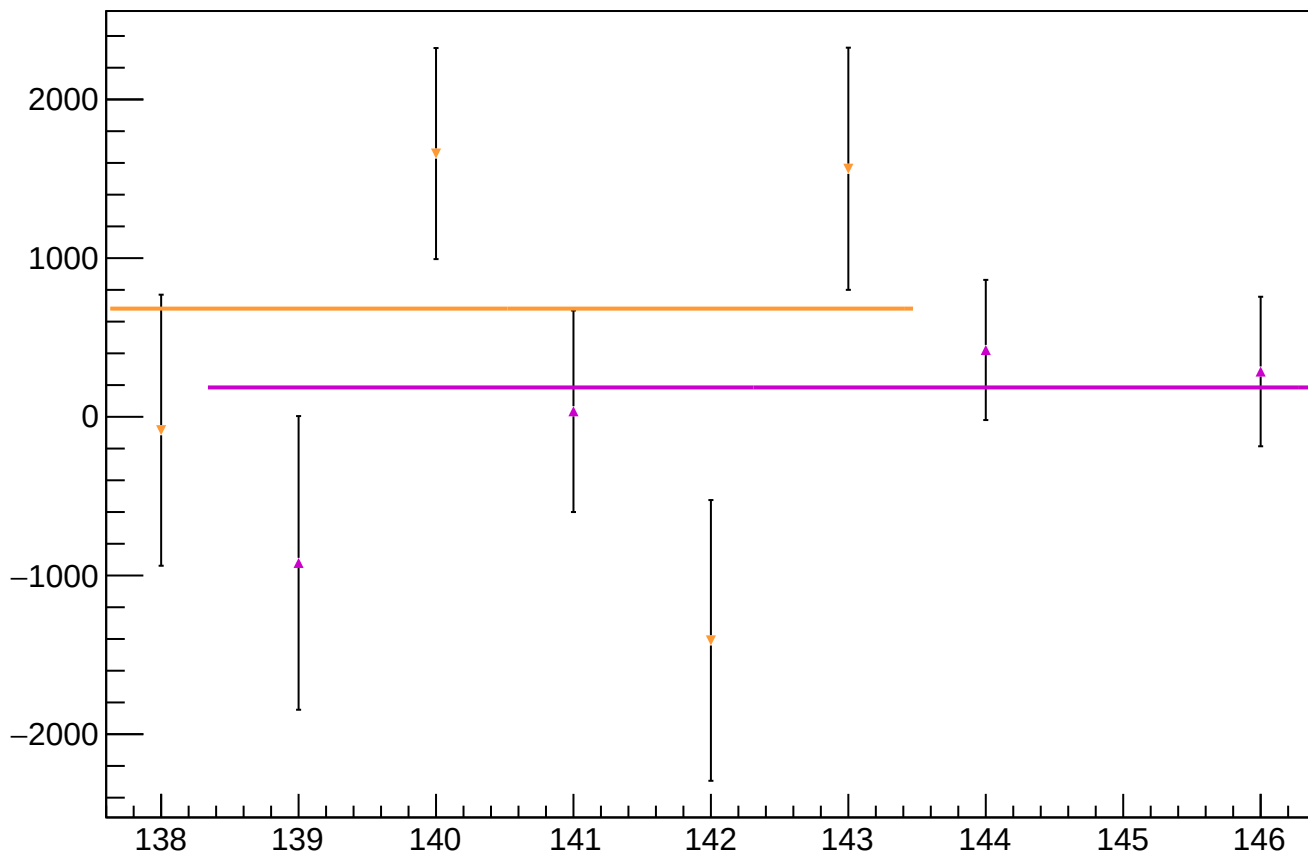
Left In: 475.077+/-0.196 χ^2/NDF : 416739.4/3

610.389+/-0.270 χ^2/NDF : 59381.5/3

521.766+/-0.158 χ^2/NDF : 641185.5/7

475.077+/-0.196 χ^2/NDF : 416739.4/3

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 681.955+/-388.458 χ^2/NDF : 9.9/3

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

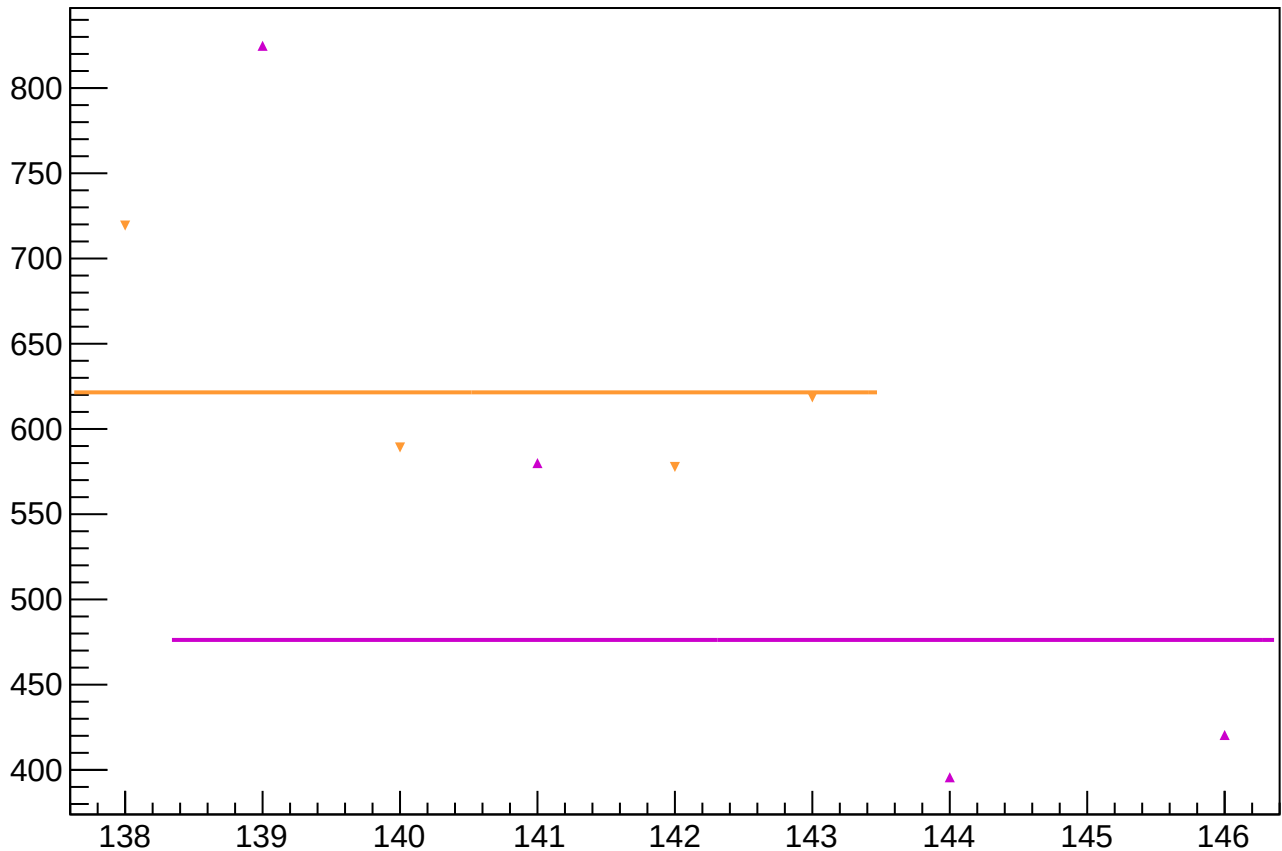
Left In: 185.102+/-274.433 χ^2/NDF : 1.8/3

681.955+/-388.458 χ^2/NDF : 9.9/3

350.520+/-224.141 χ^2/NDF : 12.8/7

185.102+/-274.433 χ^2/NDF : 1.8/3

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 621.481+/-0.275 χ^2/NDF : 35896.8/3

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

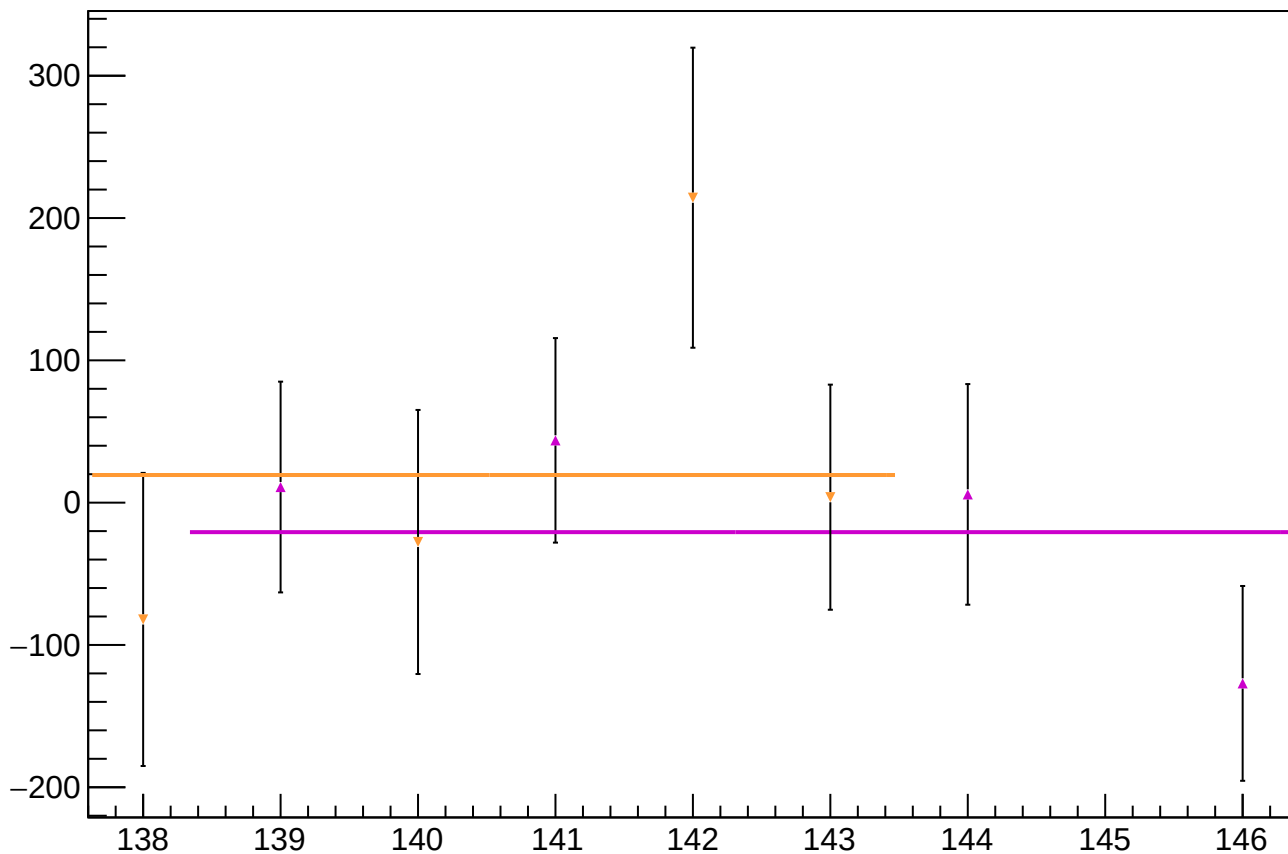
Left In: 476.248+/-0.194 χ^2/NDF : 431701.1/3

621.481+/-0.275 χ^2/NDF : 35896.8/3

524.600+/-0.158 χ^2/NDF : 654082.3/7

476.248+/-0.194 χ^2/NDF : 431701.1/3

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: 19.425+/-46.612 χ^2/NDF : 4.7/3

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

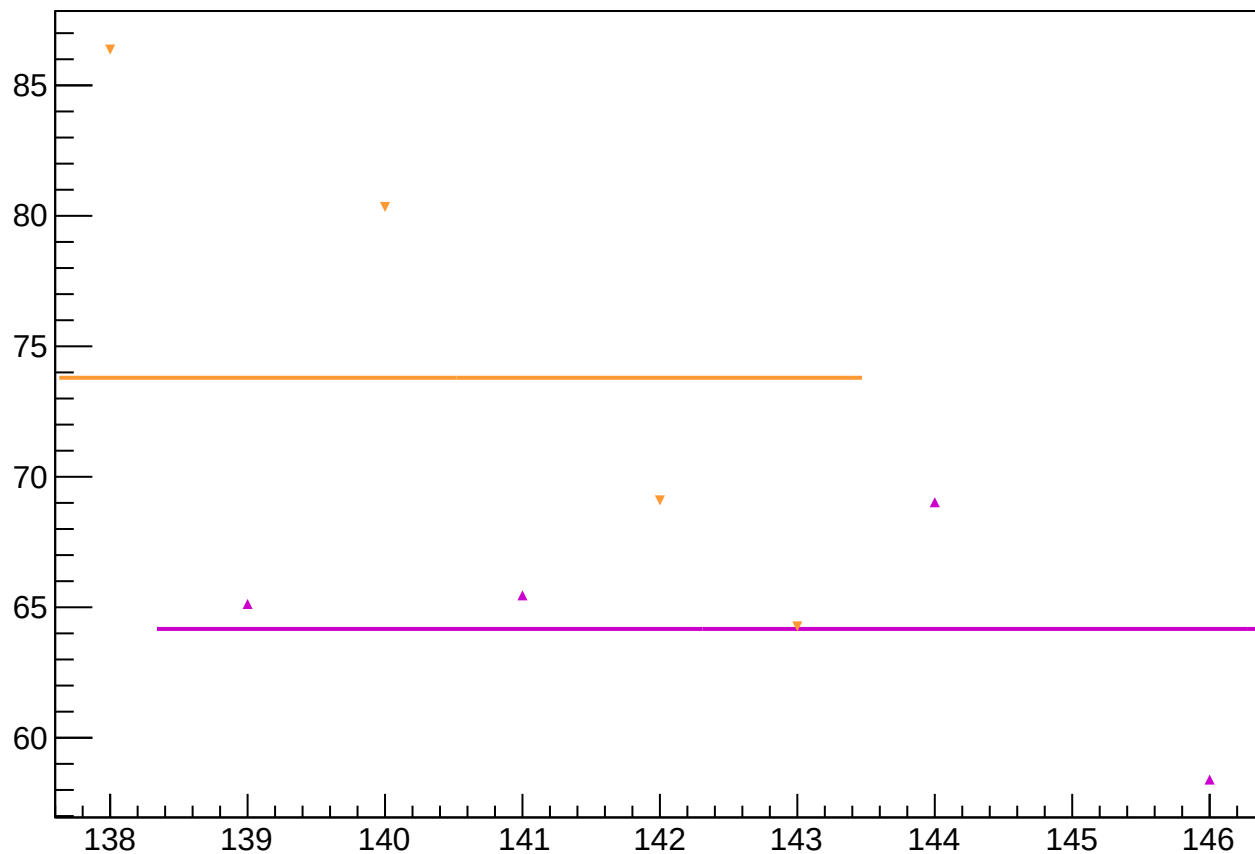
Left In: -20.725+/-36.374 χ^2/NDF : 3.5/3

19.425+/-46.612 χ^2/NDF : 4.7/3

-5.529+/-28.676 χ^2/NDF : 8.7/7

-20.725+/-36.374 χ^2/NDF : 3.5/3

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: 73.795+/-0.033 χ^2/NDF : 72774.6/3

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

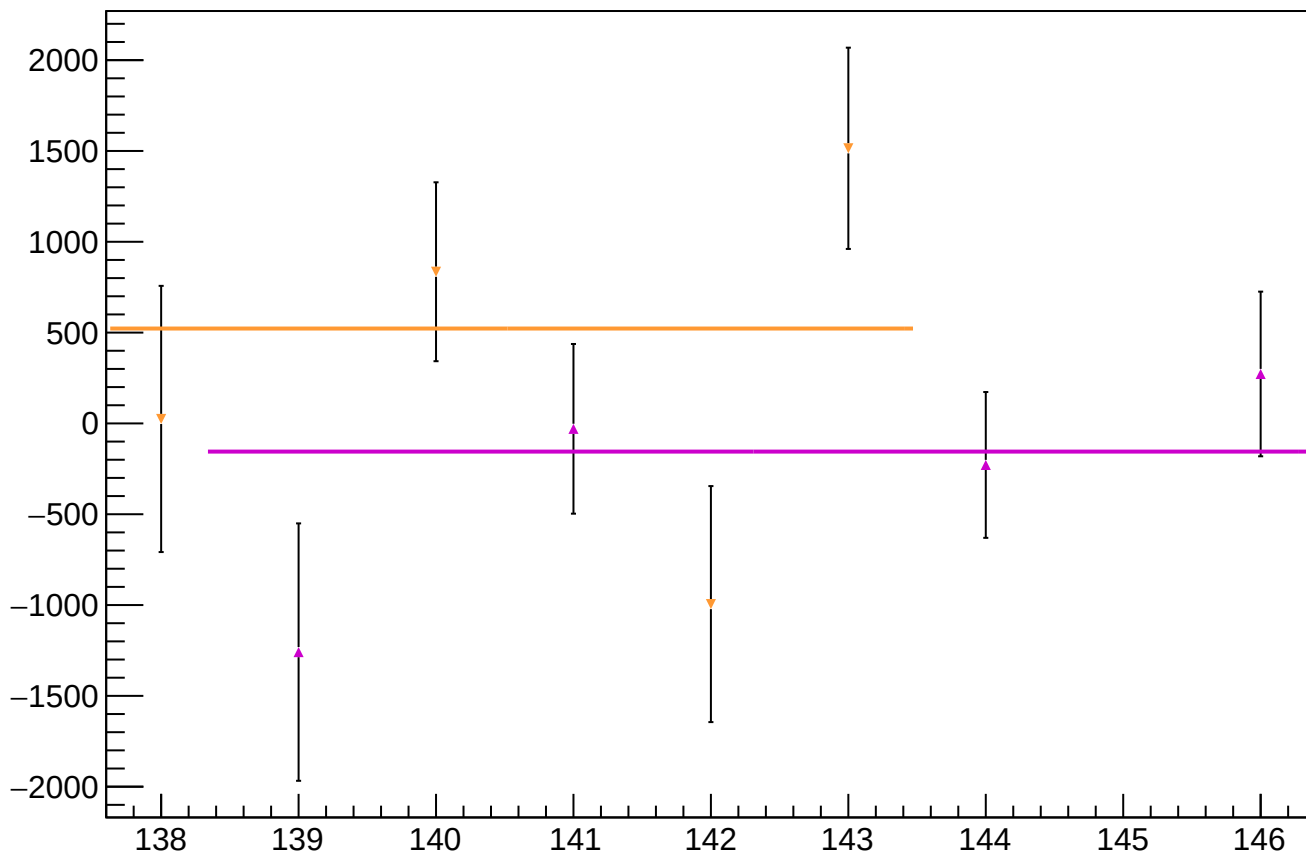
Left In: 64.170+/-0.026 χ^2/NDF : 23037.3/3

73.795+/-0.033 χ^2/NDF : 72774.6/3

67.813+/-0.020 χ^2/NDF : 148810.4/7

64.170+/-0.026 χ^2/NDF : 23037.3/3

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 522.386 $\pm$ 293.454 χ^2 /NDF: 9.5/3

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

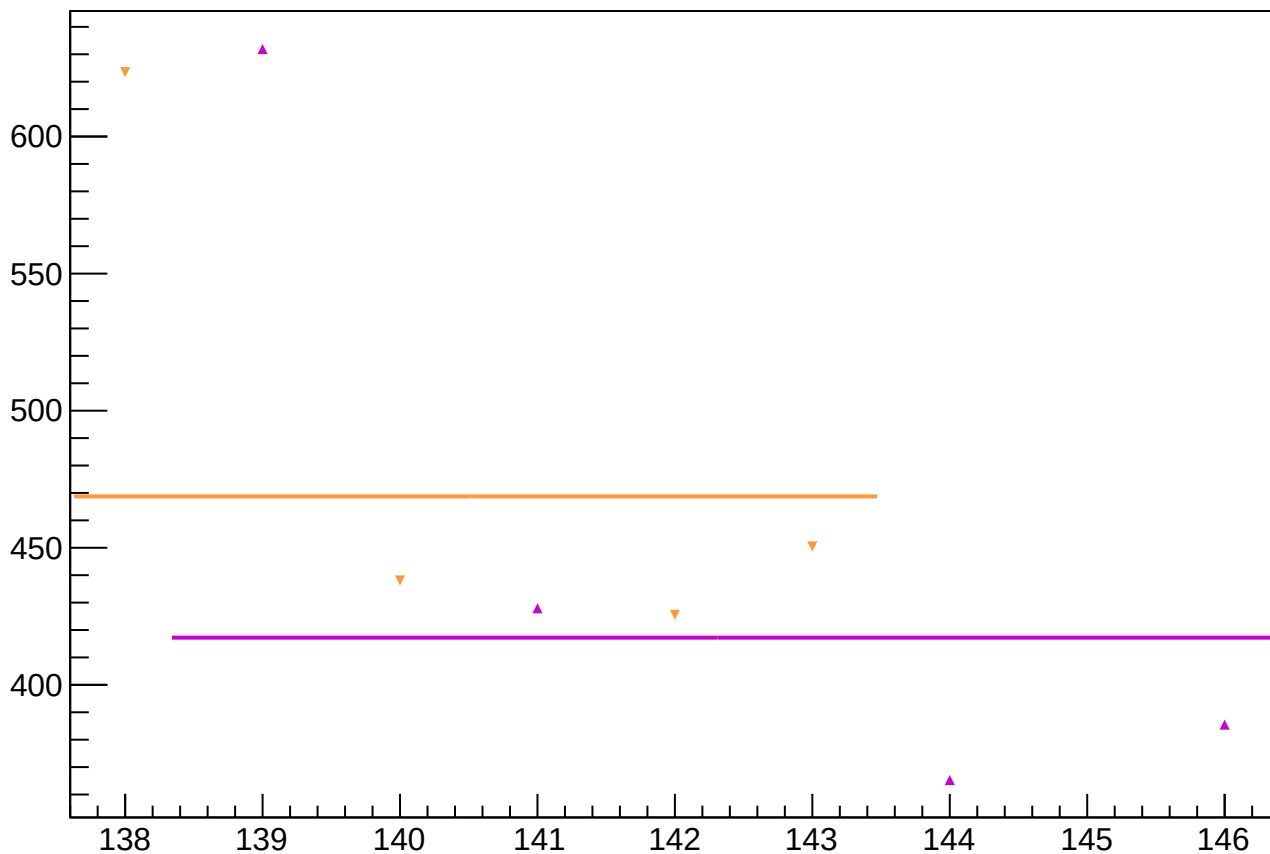
Left In: -155.126 $\pm$ 238.047 χ^2 /NDF: 3.4/3

522.386 $\pm$ 293.454 χ^2 /NDF: 9.5/3

113.762 $\pm$ 184.870 χ^2 /NDF: 16.2/7

-155.126 $\pm$ 238.047 χ^2 /NDF: 3.4/3

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 468.744+/-0.208 χ^2/NDF : 107939.2/3

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

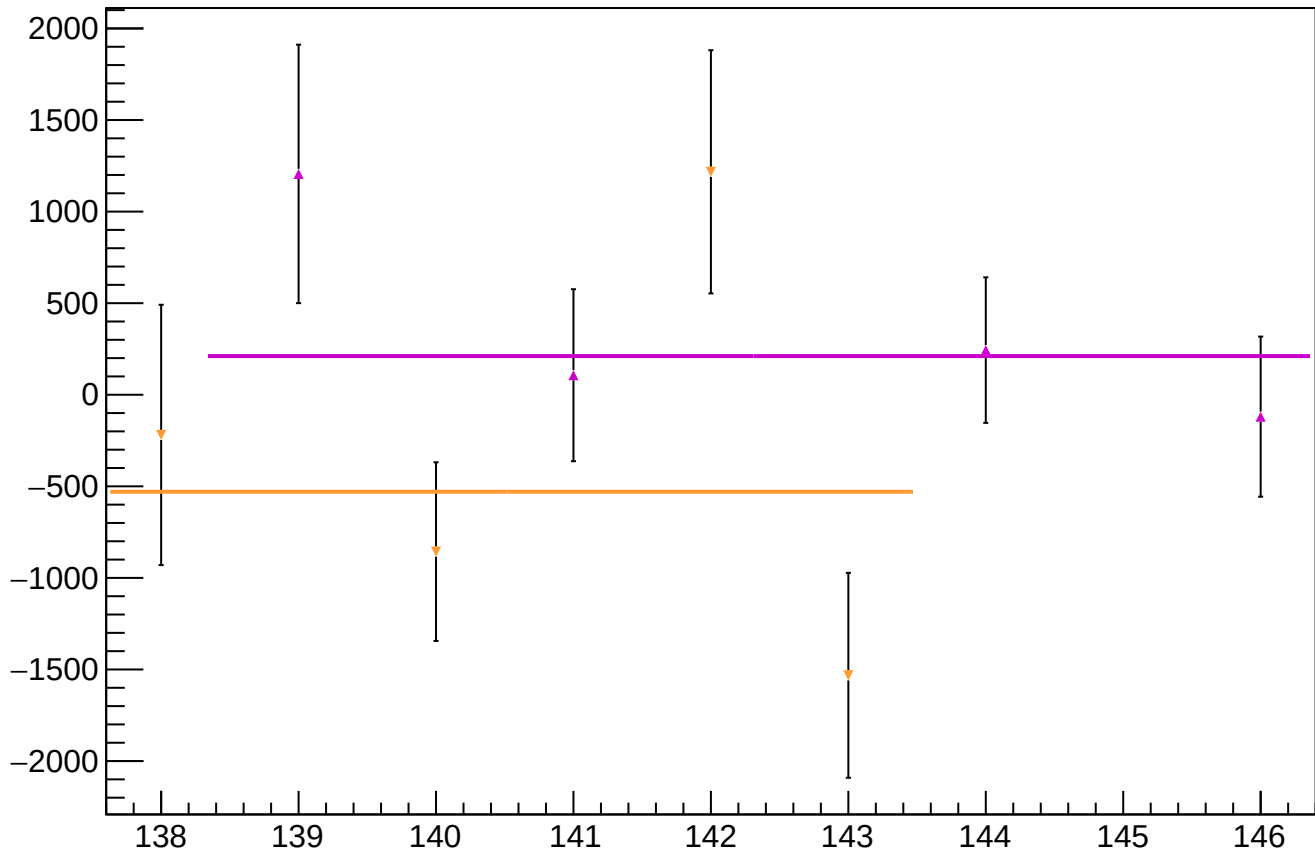
Left In: 417.219+/-0.168 χ^2/NDF : 227920.7/3

468.744+/-0.208 χ^2/NDF : 107939.2/3

437.668+/-0.131 χ^2/NDF : 373047.4/7

417.219+/-0.168 χ^2/NDF : 227920.7/3

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -529.529+/-293.046 χ^2/NDF :10.8/3

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

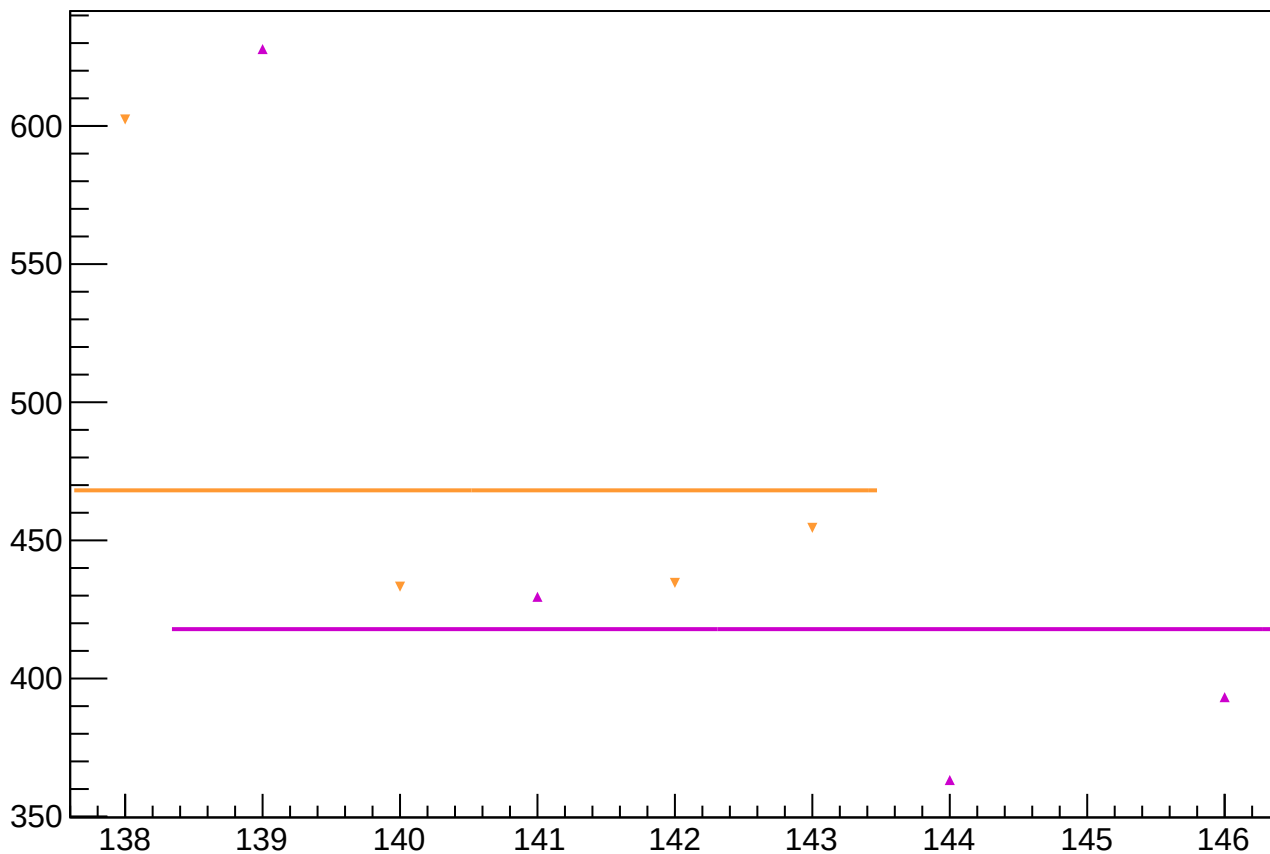
Left In: 211.095+/-234.962 χ^2/NDF :2.6/3

-529.529+/-293.046 χ^2/NDF : 10.8/3

-78.719+/-183.314 χ^2/NDF : 17.3/7

211.095+/-234.962 χ^2/NDF : 2.6/3

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 468.111+/-0.207 χ^2/NDF : 87856.1/3

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

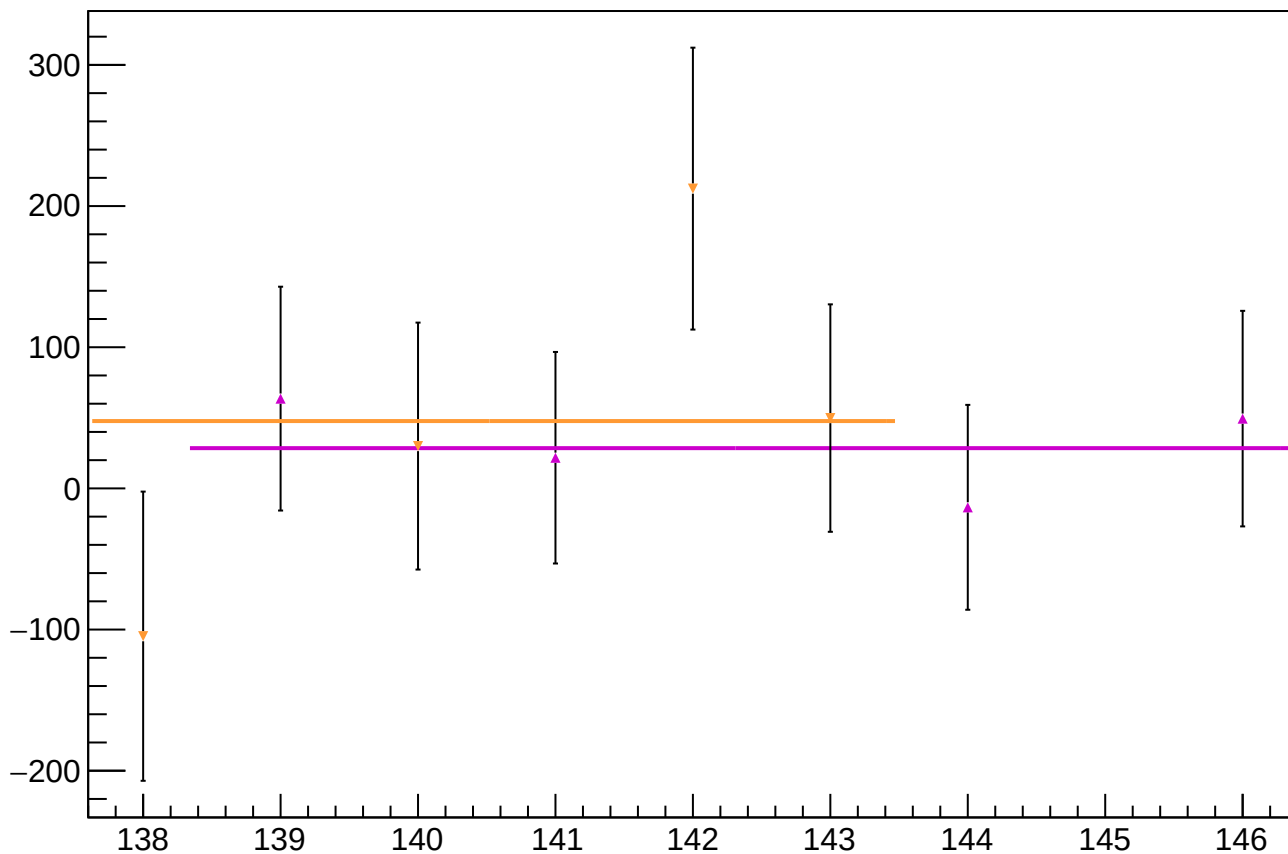
Left In: 417.875+/-0.166 χ^2/NDF : 222461.8/3

468.111+/-0.207 χ^2/NDF : 87856.1/3

437.533+/-0.130 χ^2/NDF : 346094.5/7

417.875+/-0.166 χ^2/NDF : 222461.8/3

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: 47.699+/-45.626 χ^2/NDF : 5.0/3

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

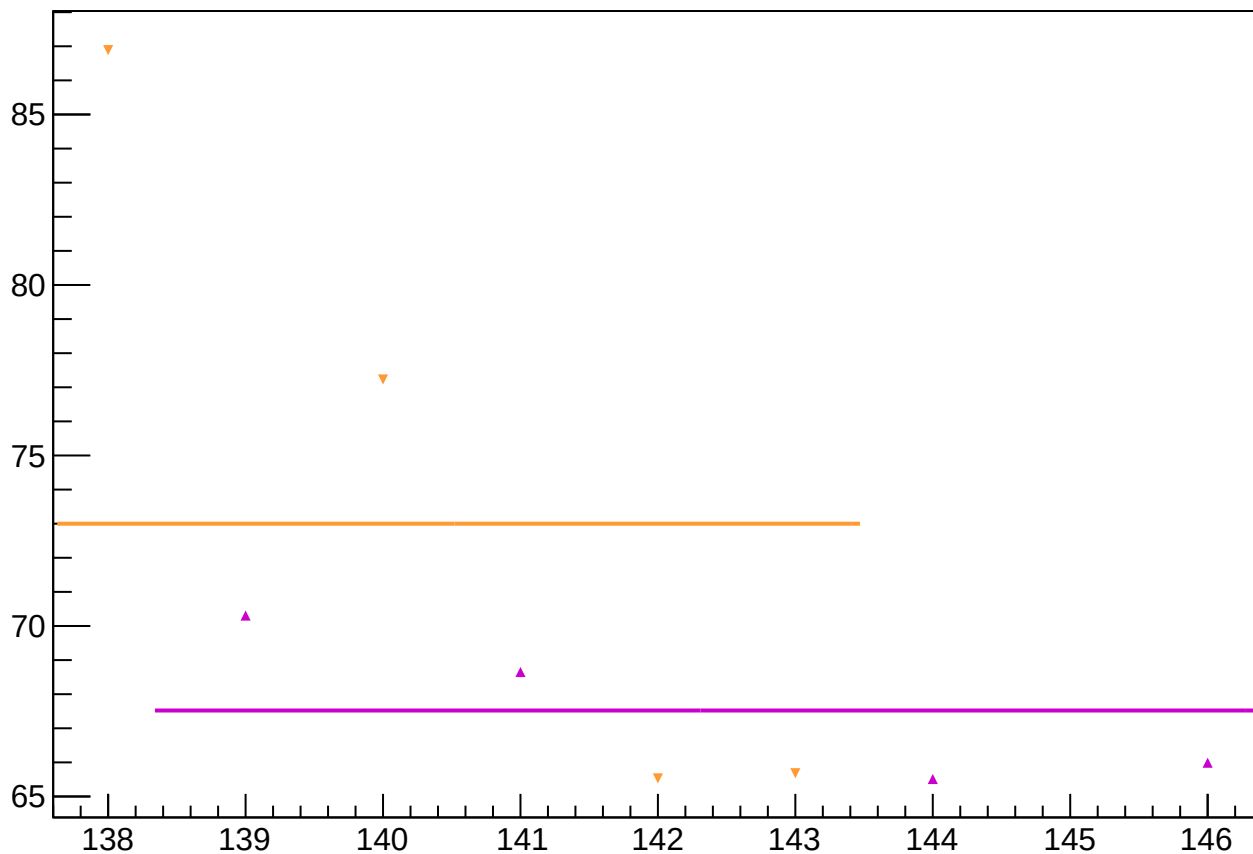
Left In: 28.515+/-37.834 χ^2/NDF : 0.6/3

47.699+/-45.626 χ^2/NDF : 5.0/3

36.331+/-29.124 χ^2/NDF : 5.7/7

28.515+/-37.834 χ^2/NDF : 0.6/3

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: 72.999+/-0.032 χ^2/NDF : 69124.9/3

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

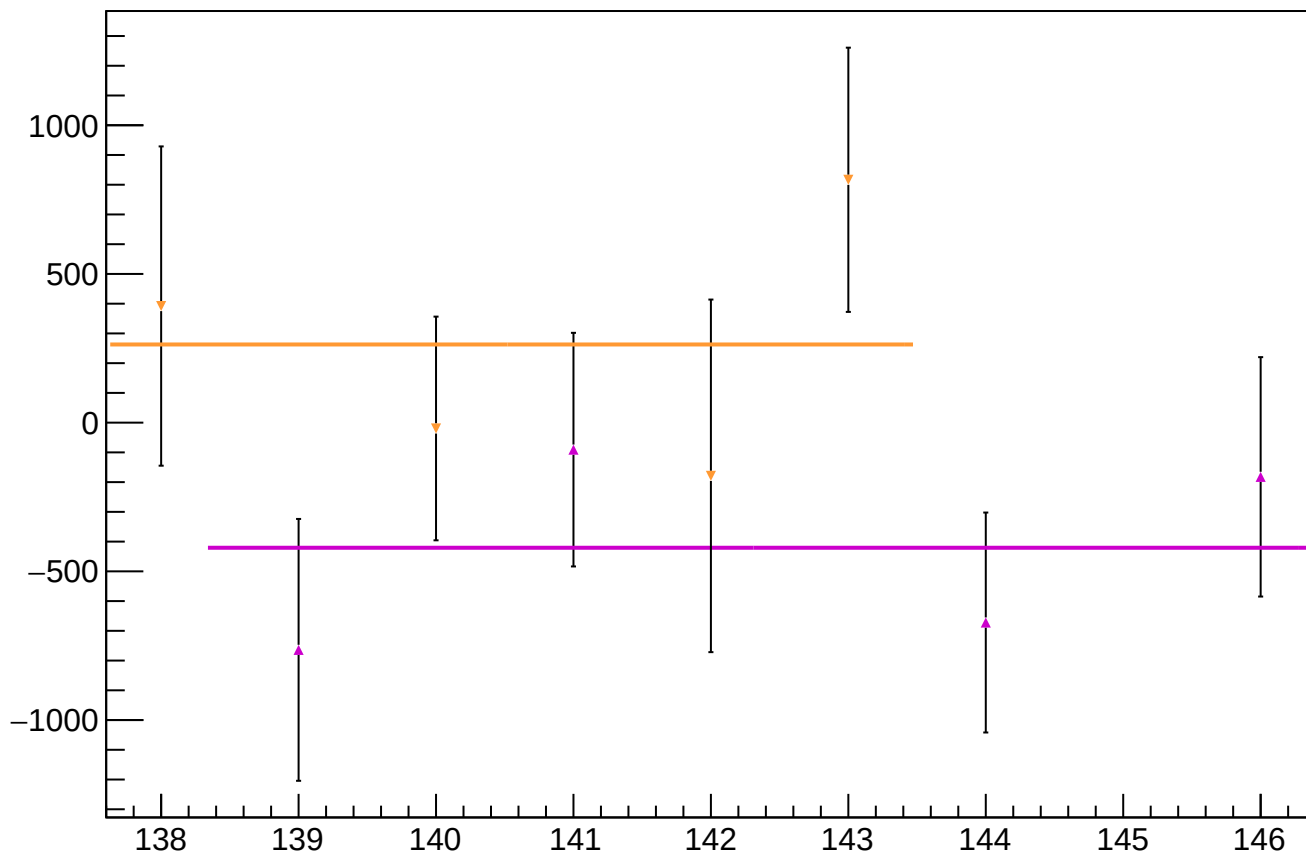
Left In: 67.522+/-0.027 χ^2/NDF : 5257.7/3

72.999+/-0.032 χ^2/NDF : 69124.9/3

69.754+/-0.021 χ^2/NDF : 91463.4/7

67.522+/-0.027 χ^2/NDF : 5257.7/3

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: 262.844+/-232.776 χ^2/NDF : 2.7/3

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

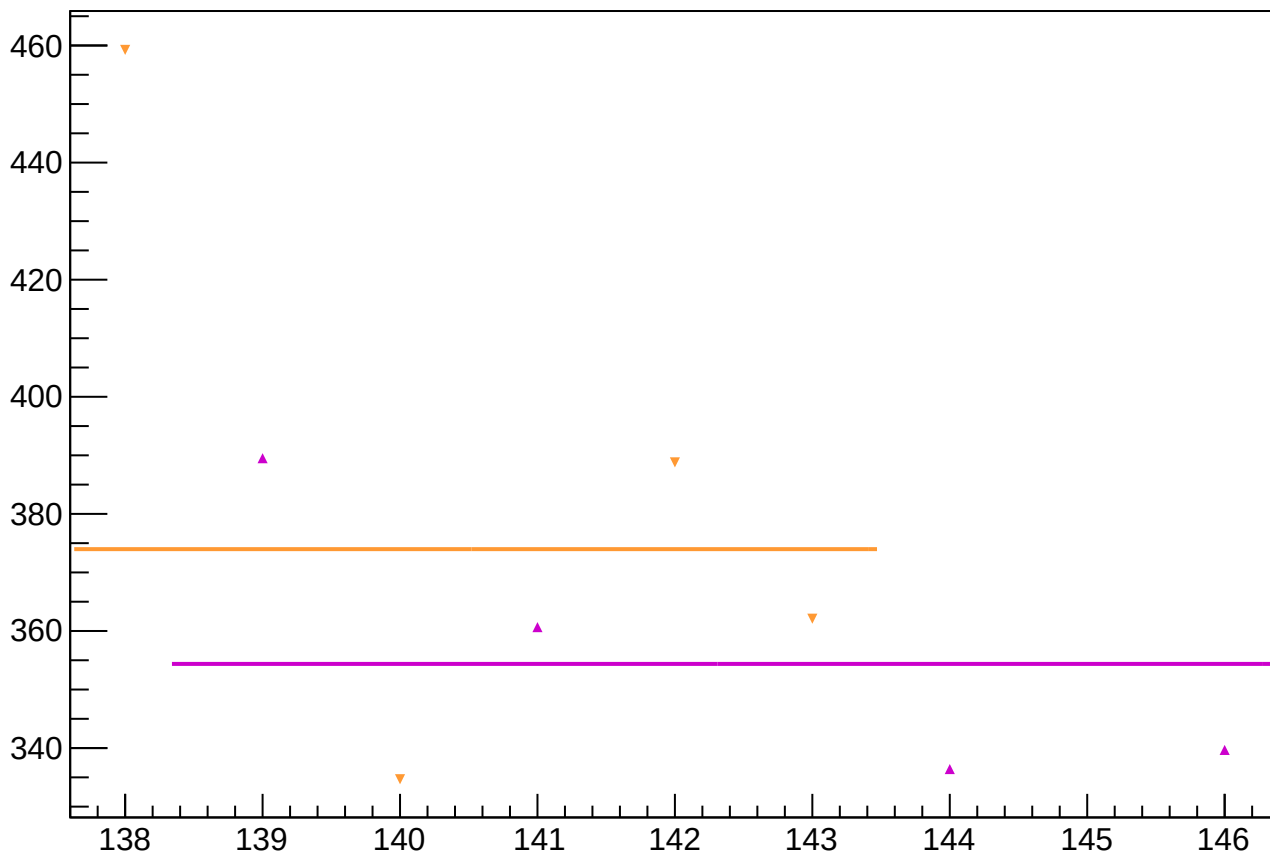
Left In: -420.681+/-199.487 χ^2/NDF : 2.1/3

262.844+/-232.776 χ^2/NDF : 2.7/3

-131.247+/-151.473 χ^2/NDF : 9.8/7

-420.681+/-199.487 χ^2/NDF : 2.1/3

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 373.979+/-0.165 χ^2/NDF : 74993.2/3

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

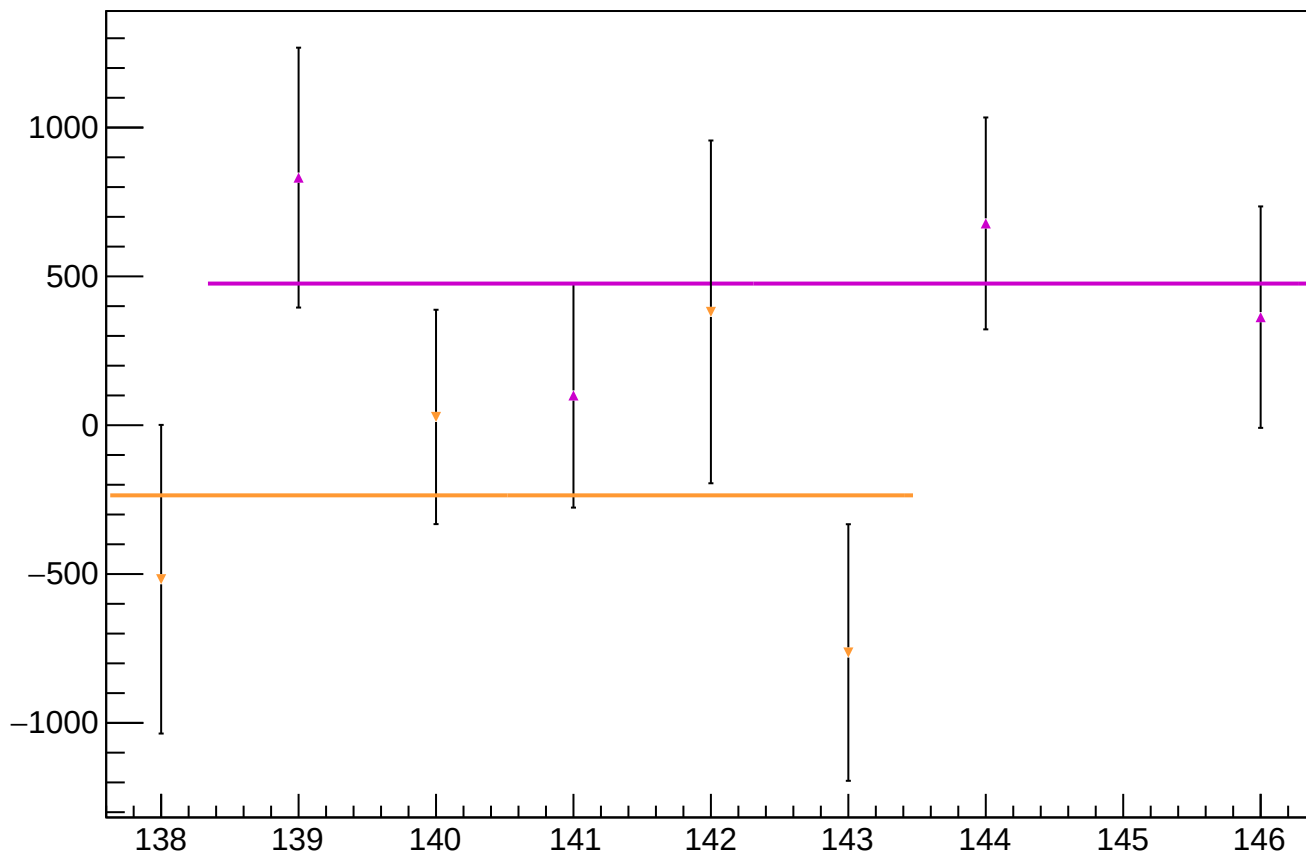
Left In: 354.377+/-0.141 χ^2/NDF : 20631.6/3

373.979+/-0.165 χ^2/NDF : 74993.2/3

362.677+/-0.107 χ^2/NDF : 103801.9/7

354.377+/-0.141 χ^2/NDF : 20631.6/3

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -235.598+/-224.532 χ^2/NDF : 3.5/3

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

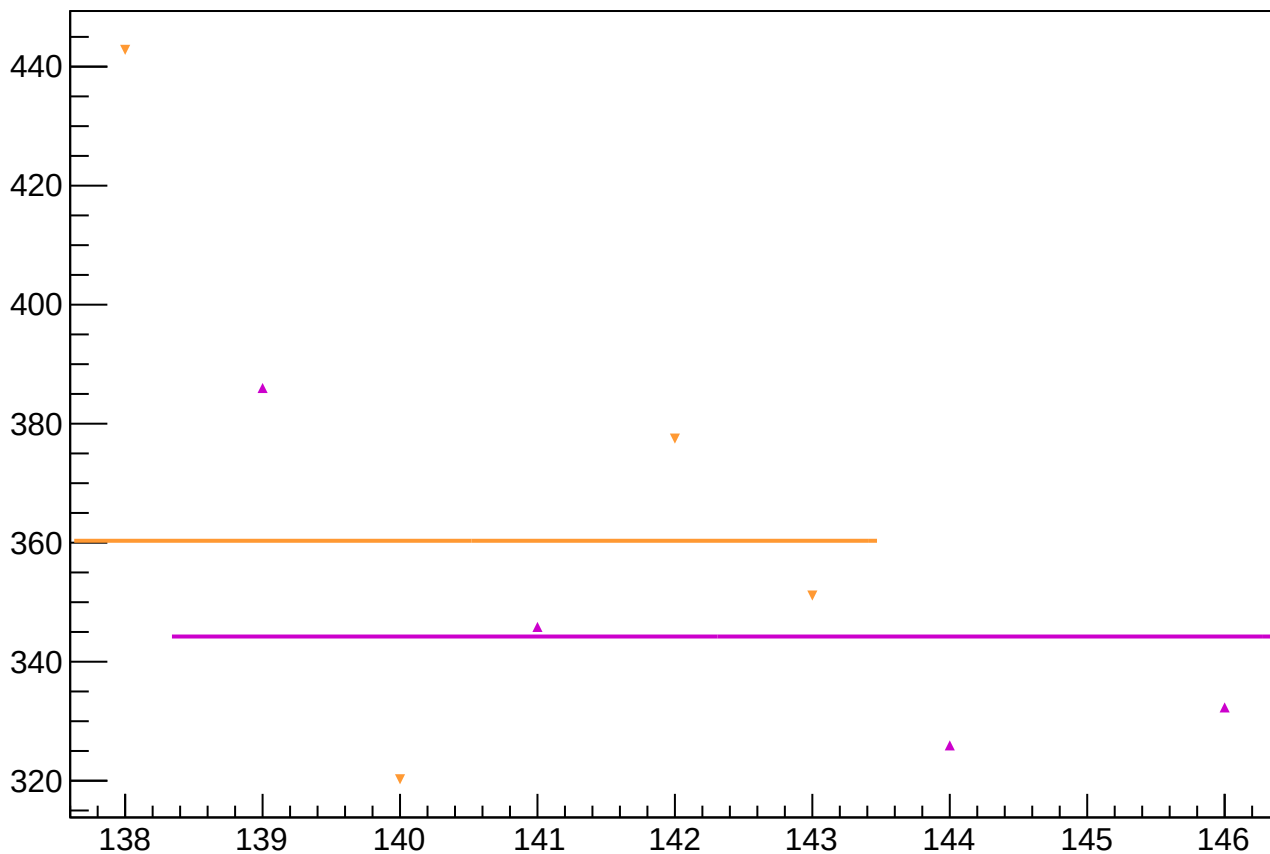
Left In: 475.855+/-190.993 χ^2/NDF : 2.1/3

-235.598+/-224.532 χ^2/NDF : 3.5/3

177.181+/-145.480 χ^2/NDF : 11.4/7

475.855+/-190.993 χ^2/NDF : 2.1/3

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 360.324+/-0.159 χ^2/NDF : 78121.8/3

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

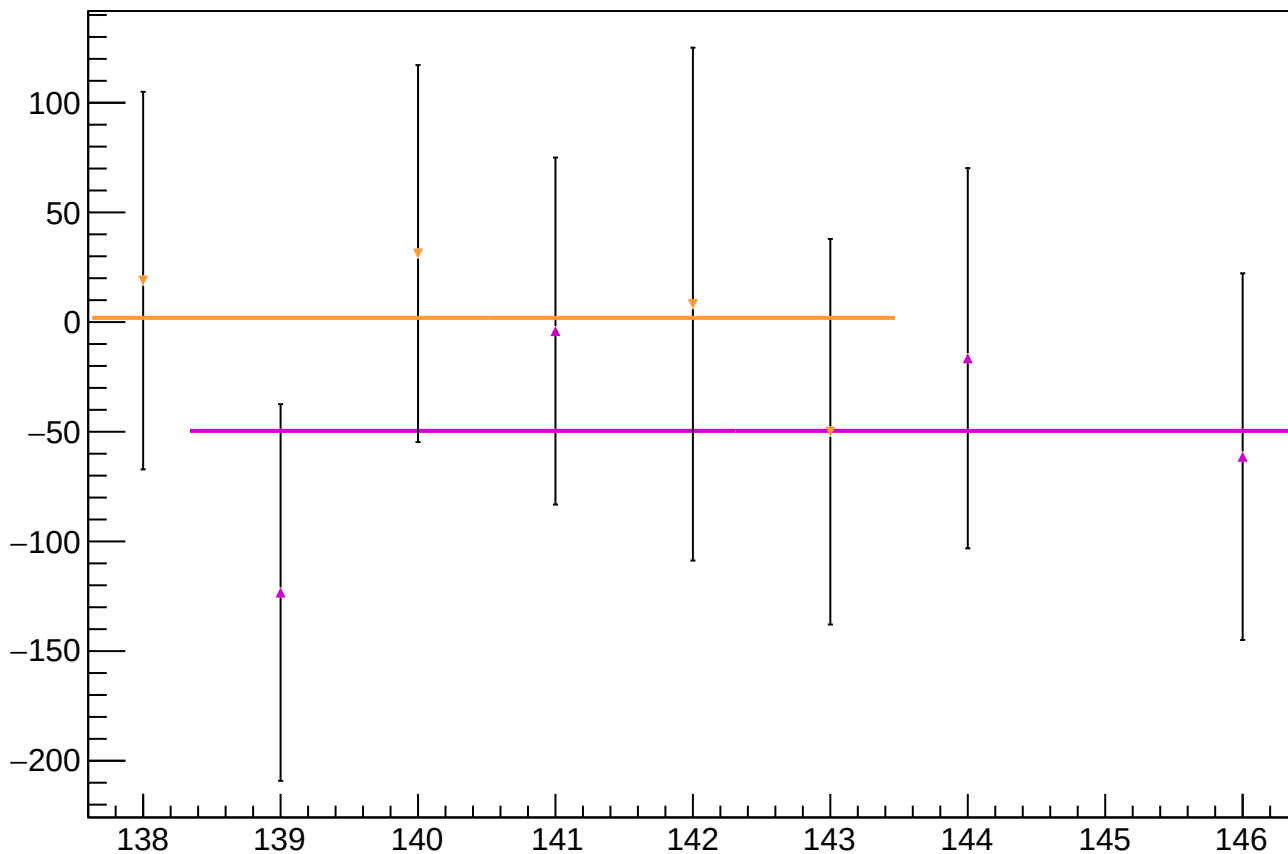
Left In: 344.235+/-0.135 χ^2/NDF : 25678.3/3

360.324+/-0.159 χ^2/NDF : 78121.8/3

350.989+/-0.103 χ^2/NDF : 109758.4/7

344.235+/-0.135 χ^2/NDF : 25678.3/3

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 1.925 $\pm$ 45.982 χ^2 /NDF: 0.5/3

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

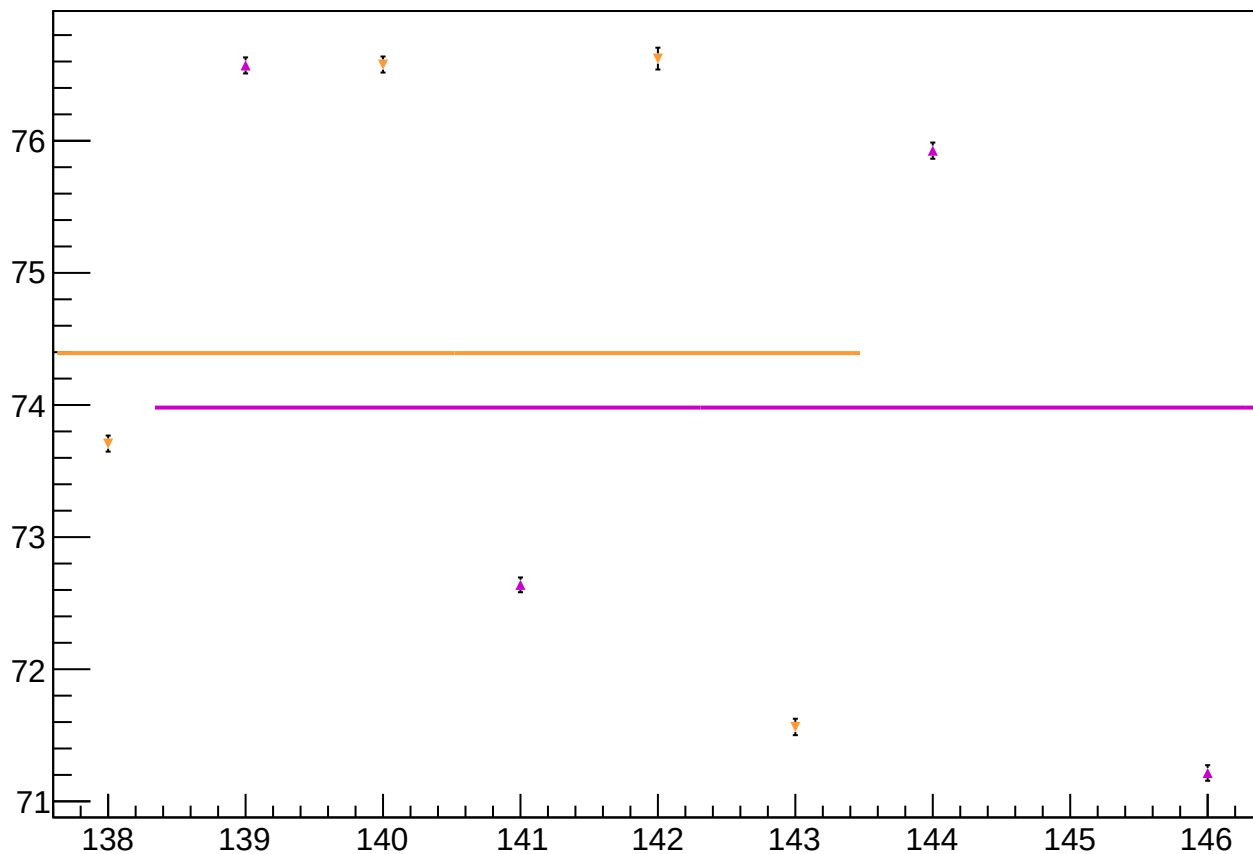
Left In: -49.599 $\pm$ 41.824 χ^2 /NDF: 1.2/3

1.925 $\pm$ 45.982 χ^2 /NDF: 0.5/3

-26.271 $\pm$ 30.940 χ^2 /NDF: 2.4/7

-49.599 $\pm$ 41.824 χ^2 /NDF: 1.2/3

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: 74.393+/-0.033 χ^2/NDF : 4219.0/3

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

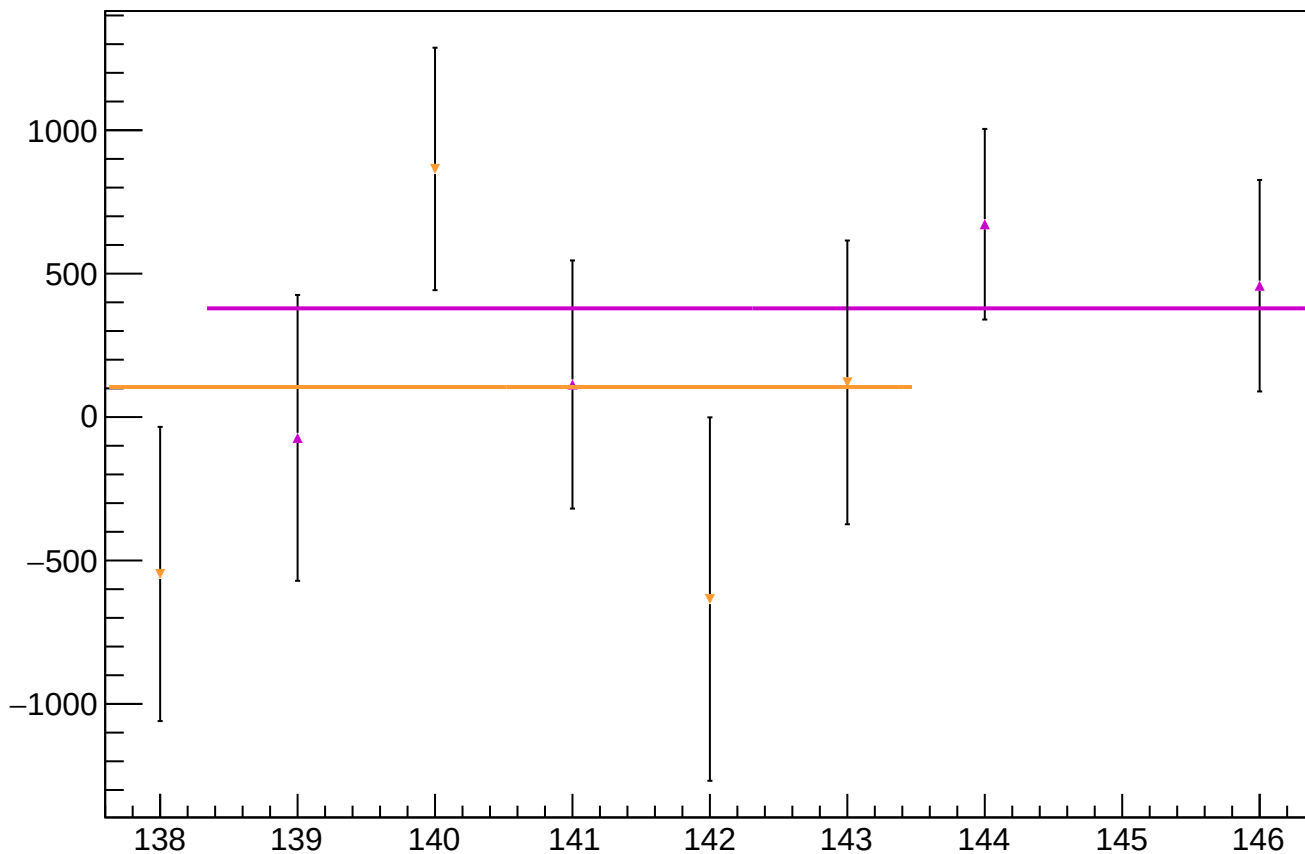
Left In: 73.981+/-0.030 χ^2/NDF : 5592.5/3

74.393+/-0.033 χ^2/NDF : 4219.0/3

74.167+/-0.022 χ^2/NDF : 9899.6/7

73.981+/-0.030 χ^2/NDF : 5592.5/3

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: 104.794+/-250.156 χ^2/NDF : 6.2/3

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

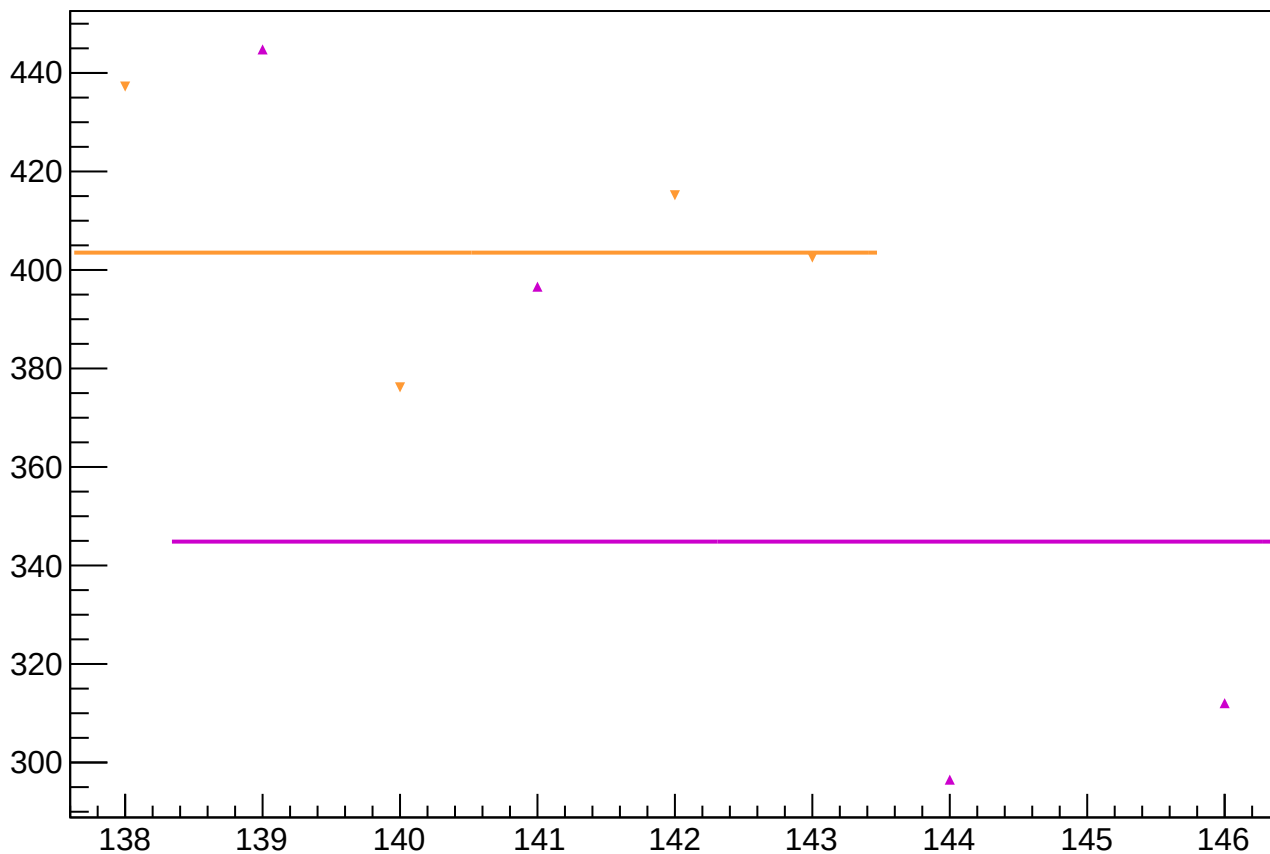
Left In: 378.973+/-196.902 χ^2/NDF : 2.0/3

104.794+/-250.156 χ^2/NDF : 6.2/3

274.087+/-154.722 χ^2/NDF : 9.0/7

378.973+/-196.902 χ^2/NDF : 2.0/3

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: 403.522+/-0.177 χ^2/NDF : 17708.4/3

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

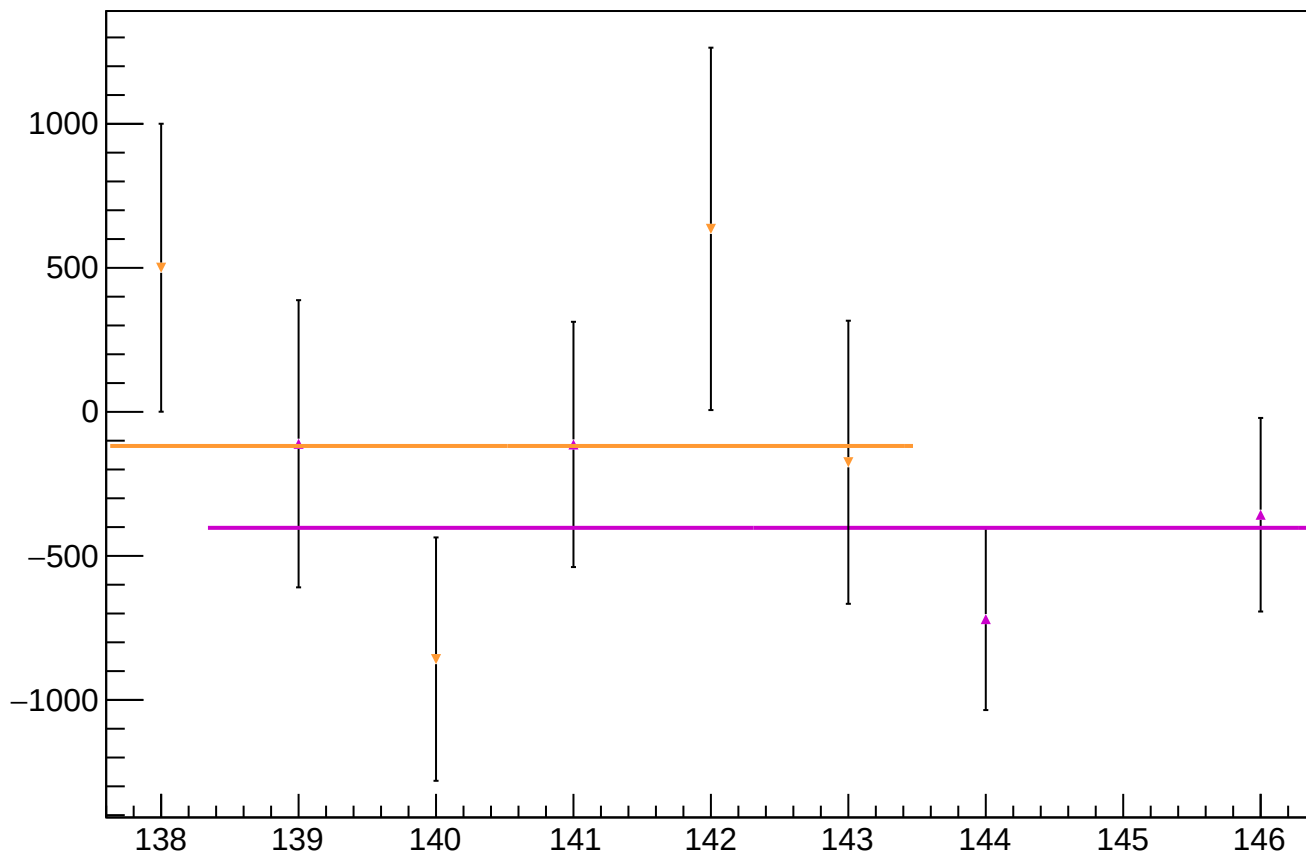
Left In: 344.846+/-0.139 χ^2/NDF : 167258.3/3

403.522+/-0.177 χ^2/NDF : 17708.4/3

367.292+/-0.109 χ^2/NDF : 252908.2/7

344.846+/-0.139 χ^2/NDF : 167258.3/3

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -118.320 ± 247.894 χ^2/NDF : 6.0/3

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

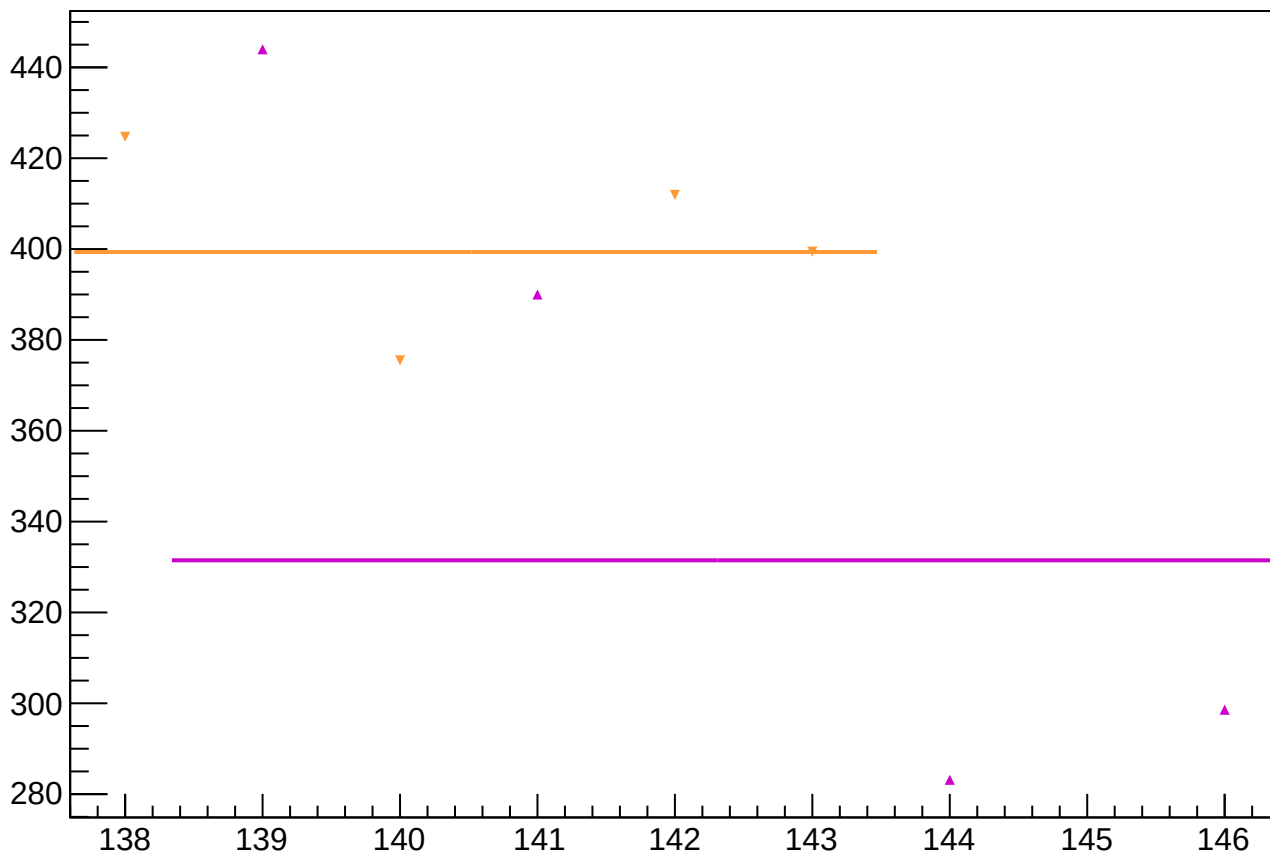
Left In: -402.567 ± 187.586 χ^2/NDF : 1.8/3

-118.320 ± 247.894 χ^2/NDF : 6.0/3

-299.067 ± 149.585 χ^2/NDF : 8.7/7

-402.567 ± 187.586 χ^2/NDF : 1.8/3

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 399.354+/-0.175 χ^2/NDF :12325.1/3

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

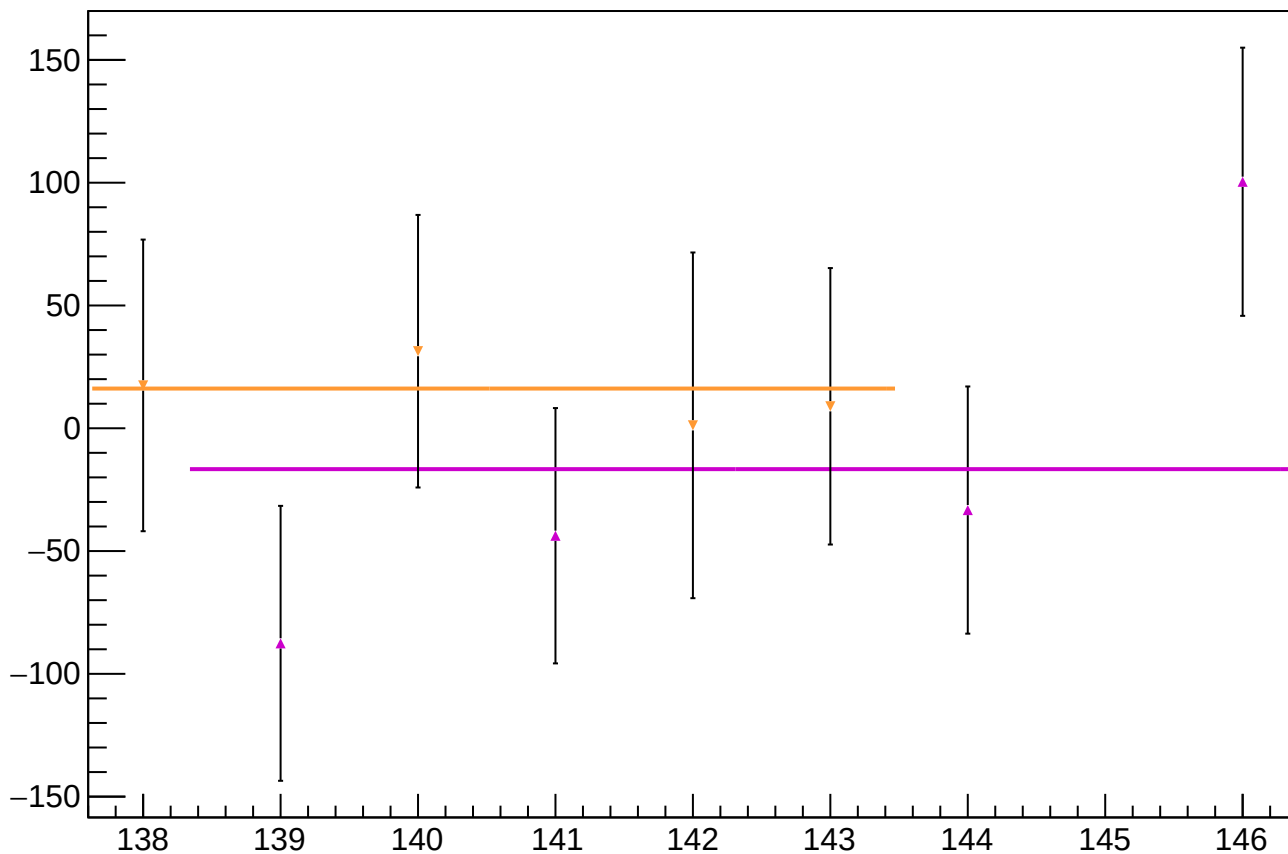
Left In: 331.480+/-0.133 χ^2/NDF :205601.6/3

399.354+/-0.175 χ^2/NDF : 12325.1/3

356.194+/-0.106 χ^2/NDF : 313265.6/7

331.480+/-0.133 χ^2/NDF : 205601.6/3

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: 16.173 $\pm$ 29.804 χ^2 /NDF:0.1/3

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

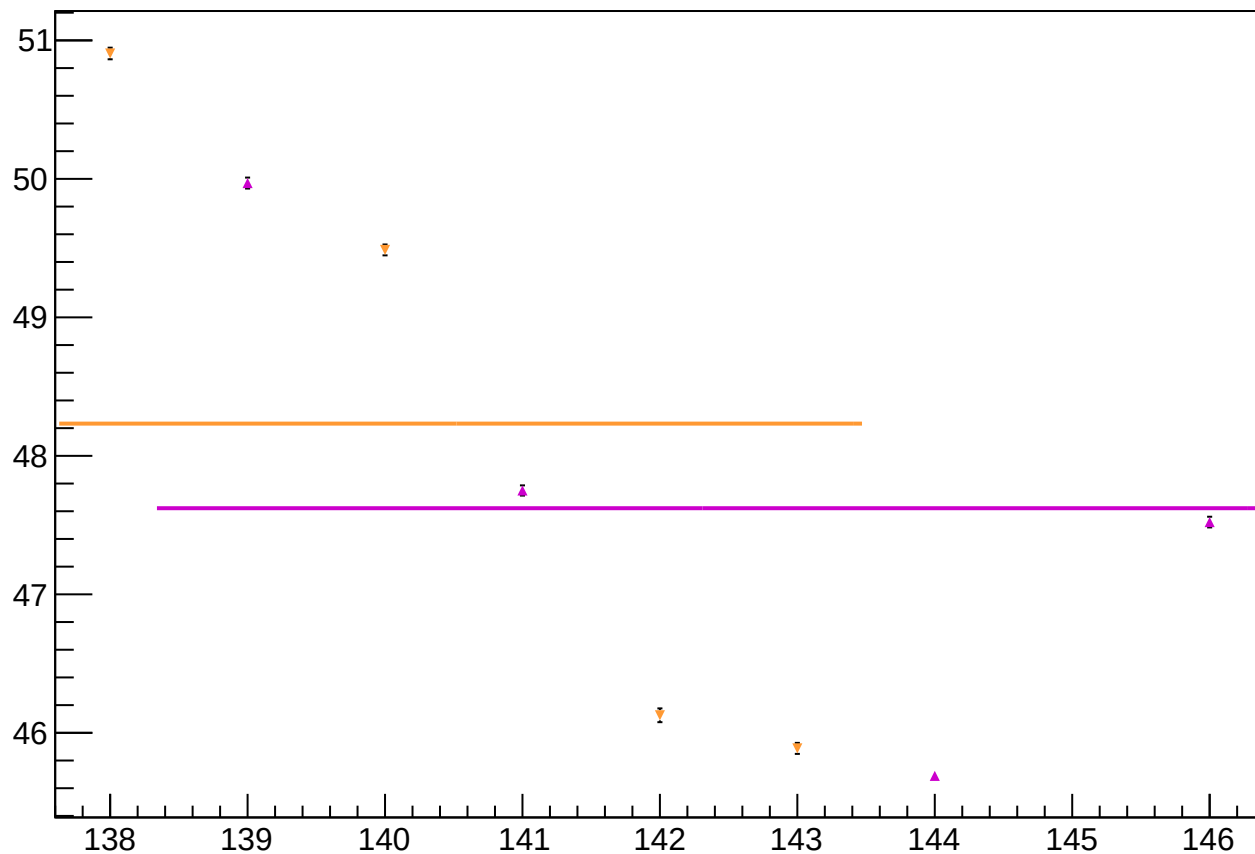
Left In: -16.642 $\pm$ 26.543 χ^2 /NDF:6.6/3

16.173 $\pm$ 29.804 χ^2 /NDF: 0.1/3

-2.128 $\pm$ 19.822 χ^2 /NDF: 7.4/7

-16.642 $\pm$ 26.543 χ^2 /NDF: 6.6/3

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: 48.233+/-0.021 χ^2/NDF : 10335.2/3

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

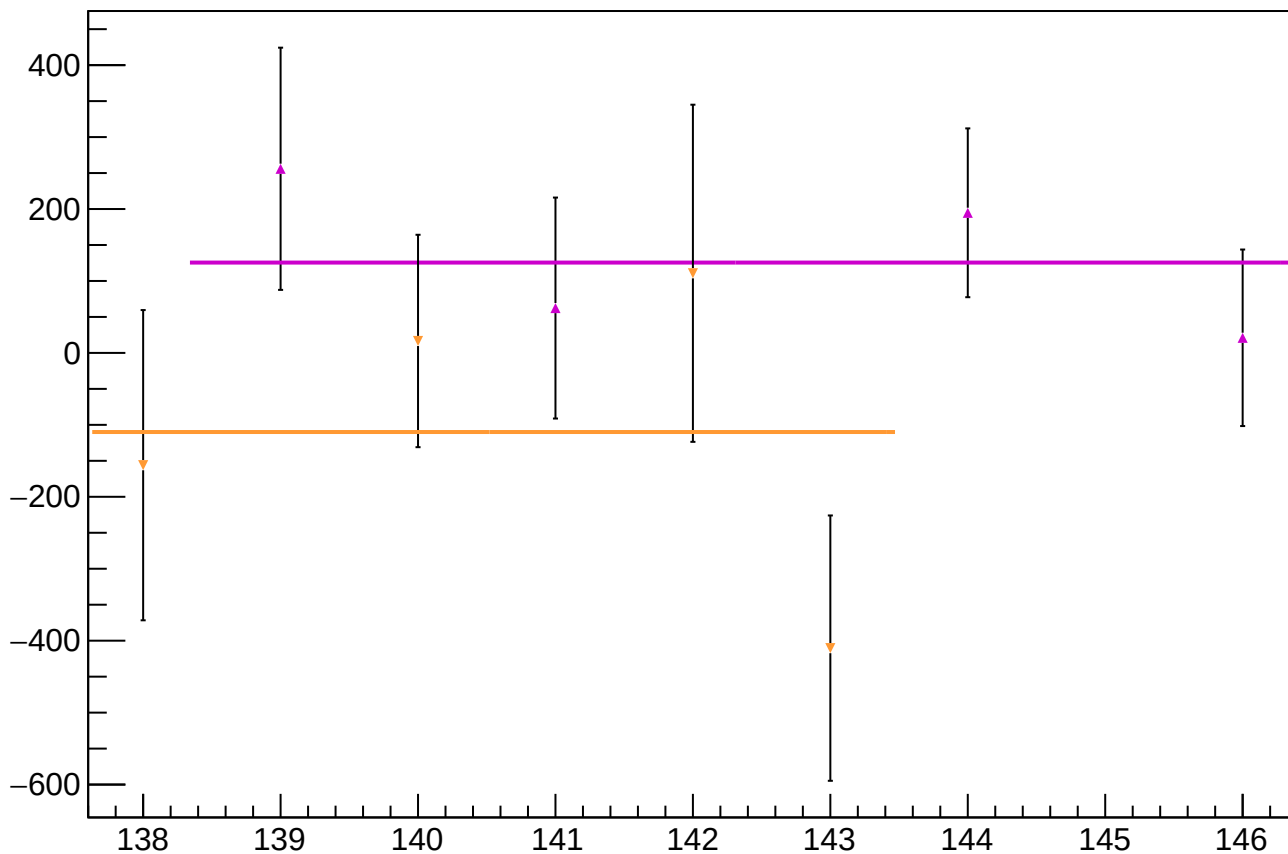
Left In: 47.622+/-0.019 χ^2/NDF : 6487.0/3

48.233+/-0.021 χ^2/NDF : 10335.2/3

47.892+/-0.014 χ^2/NDF : 17290.8/7

47.622+/-0.019 χ^2/NDF : 6487.0/3

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: -109.955+/-93.242 χ^2/NDF :4.3/3

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

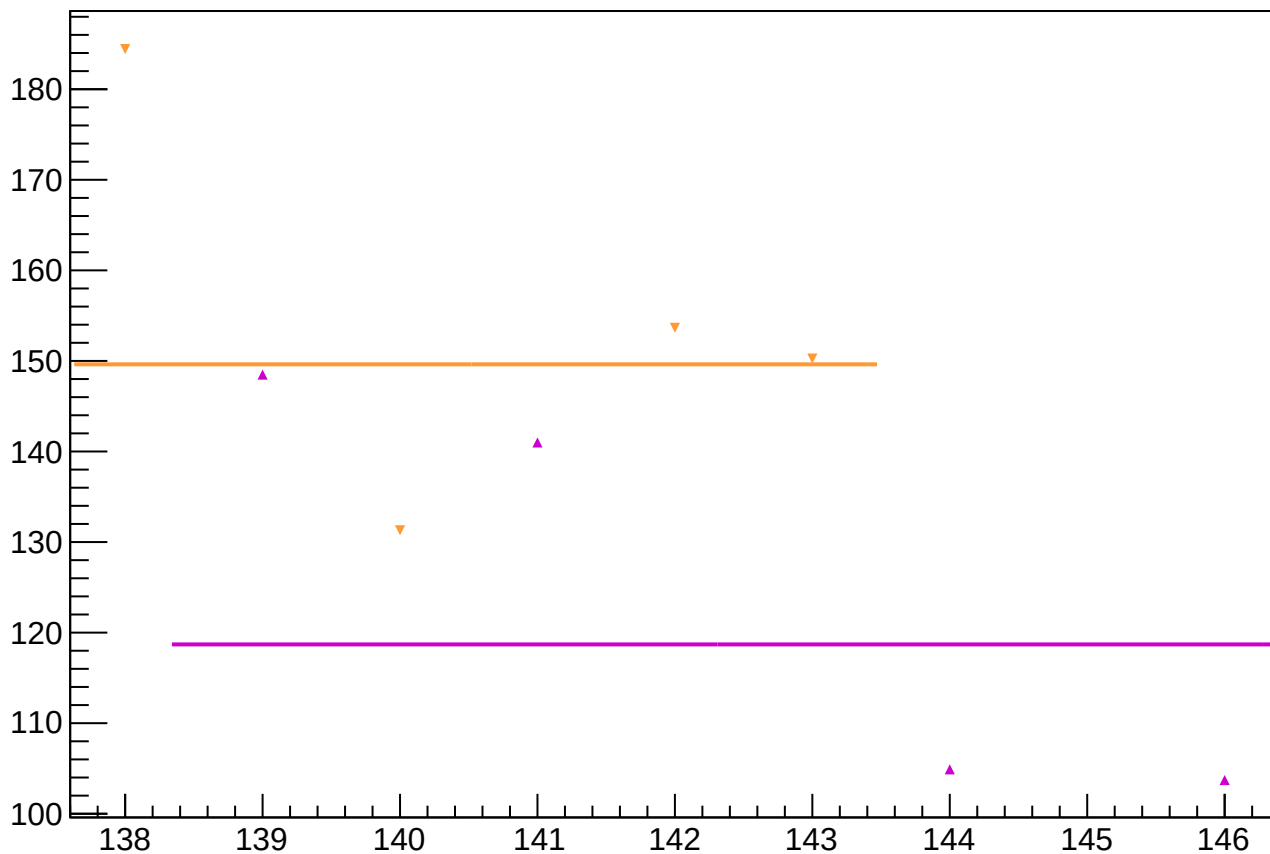
Left In: 125.569+/-67.919 χ^2/NDF :1.8/3

-109.955+/-93.242 χ^2/NDF : 4.3/3

43.922+/-54.899 χ^2/NDF : 10.3/7

125.569+/-67.919 χ^2/NDF : 1.8/3

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 149.624+/-0.066 χ^2/NDF : 83577.7/3

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

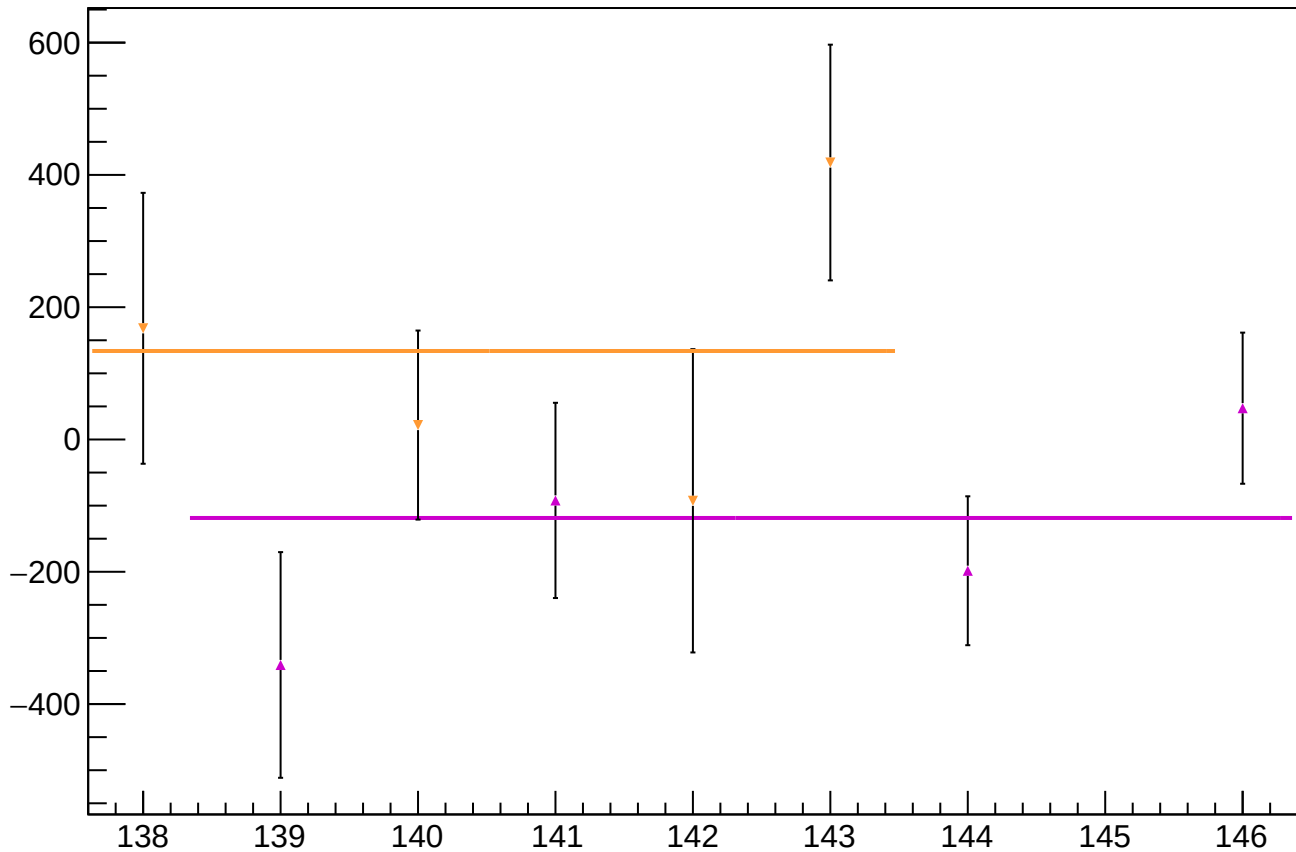
Left In: 118.698+/-0.048 χ^2/NDF : 162254.2/3

149.624+/-0.066 χ^2/NDF : 83577.7/3

129.419+/-0.039 χ^2/NDF : 389576.8/7

118.698+/-0.048 χ^2/NDF : 162254.2/3

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 133.786+/-90.043 χ^2/NDF : 4.2/3

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

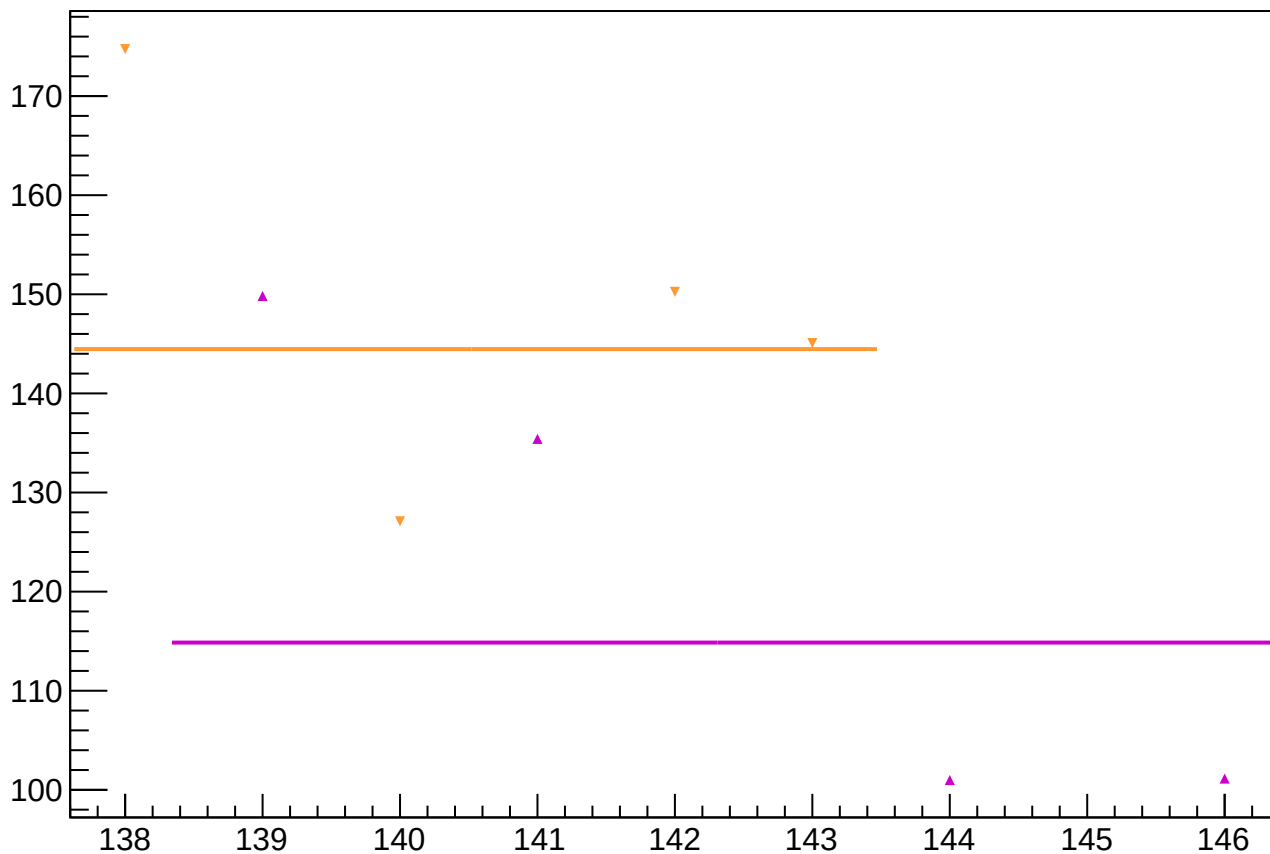
Left In: -118.653+/-65.119 χ^2/NDF : 4.3/3

133.786+/-90.043 χ^2/NDF : 4.2/3

-31.963+/-52.766 χ^2/NDF : 13.7/7

-118.653+/-65.119 χ^2/NDF : 4.3/3

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 144.470+/-0.064 χ^2/NDF : 74572.8/3

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

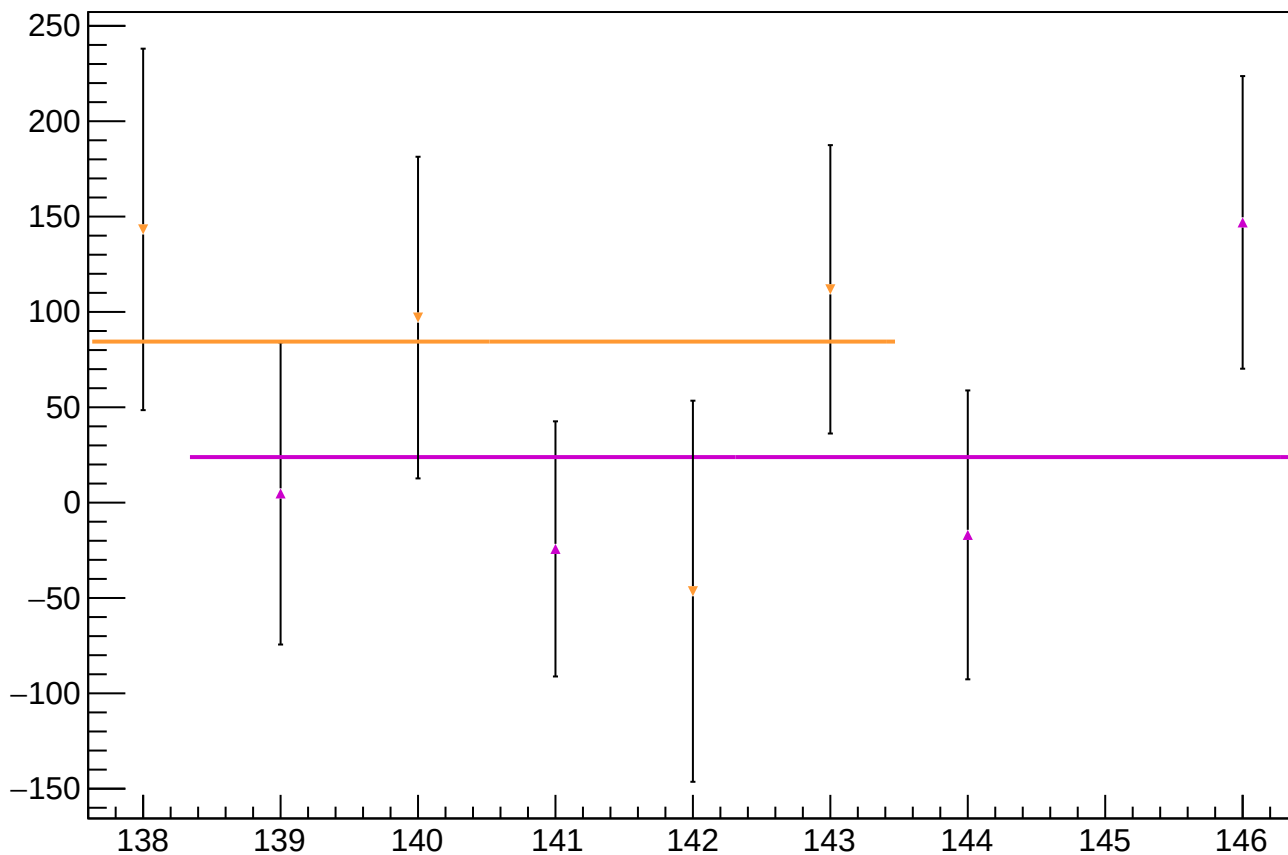
Left In: 114.859+/-0.046 χ^2/NDF : 182045.1/3

144.470+/-0.064 χ^2/NDF : 74572.8/3

125.028+/-0.037 χ^2/NDF : 398627.2/7

114.859+/-0.046 χ^2/NDF : 182045.1/3

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 84.451+/-43.559 χ^2/NDF : 2.3/3

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

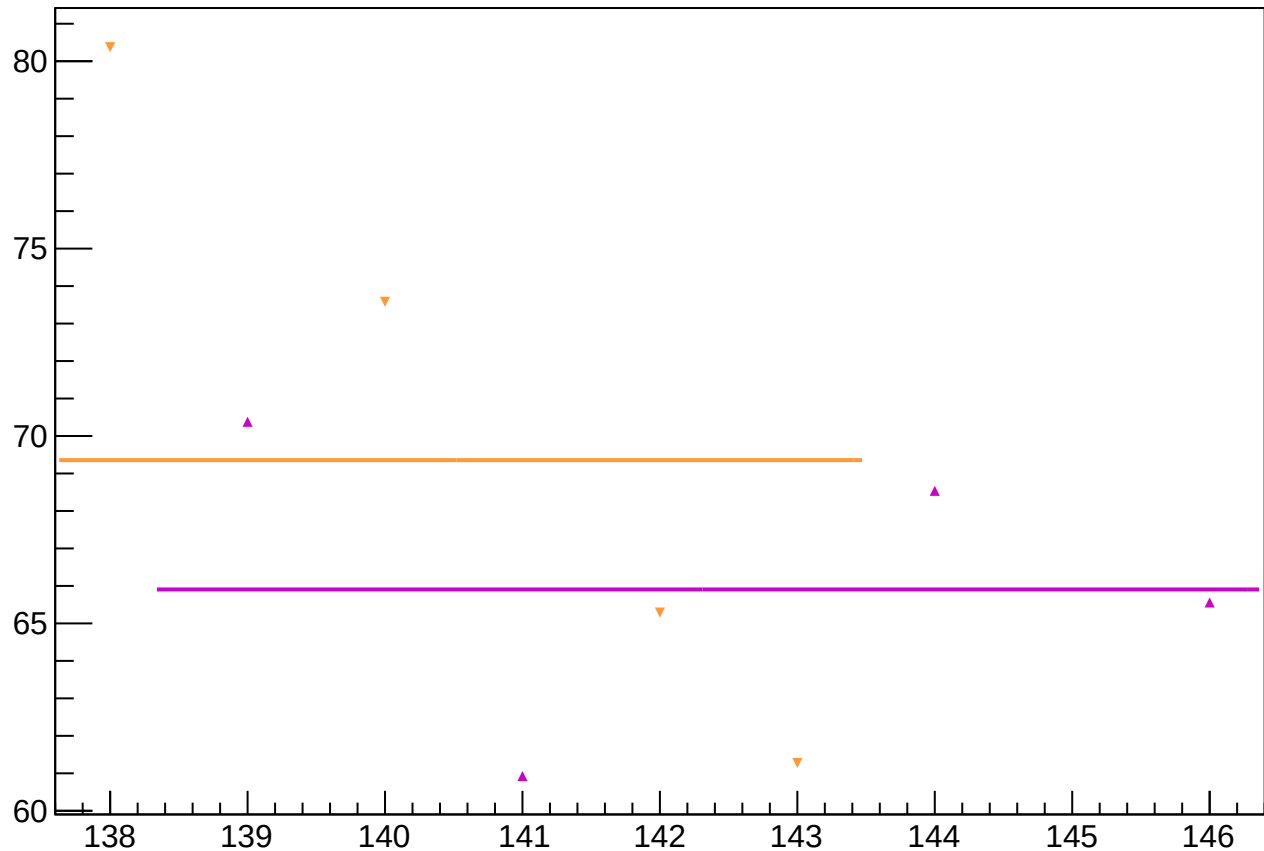
Left In: 23.886+/-37.090 χ^2/NDF : 3.4/3

84.451+/-43.559 χ^2/NDF : 2.3/3

49.342+/-28.239 χ^2/NDF : 6.8/7

23.886+/-37.090 χ^2/NDF : 3.4/3

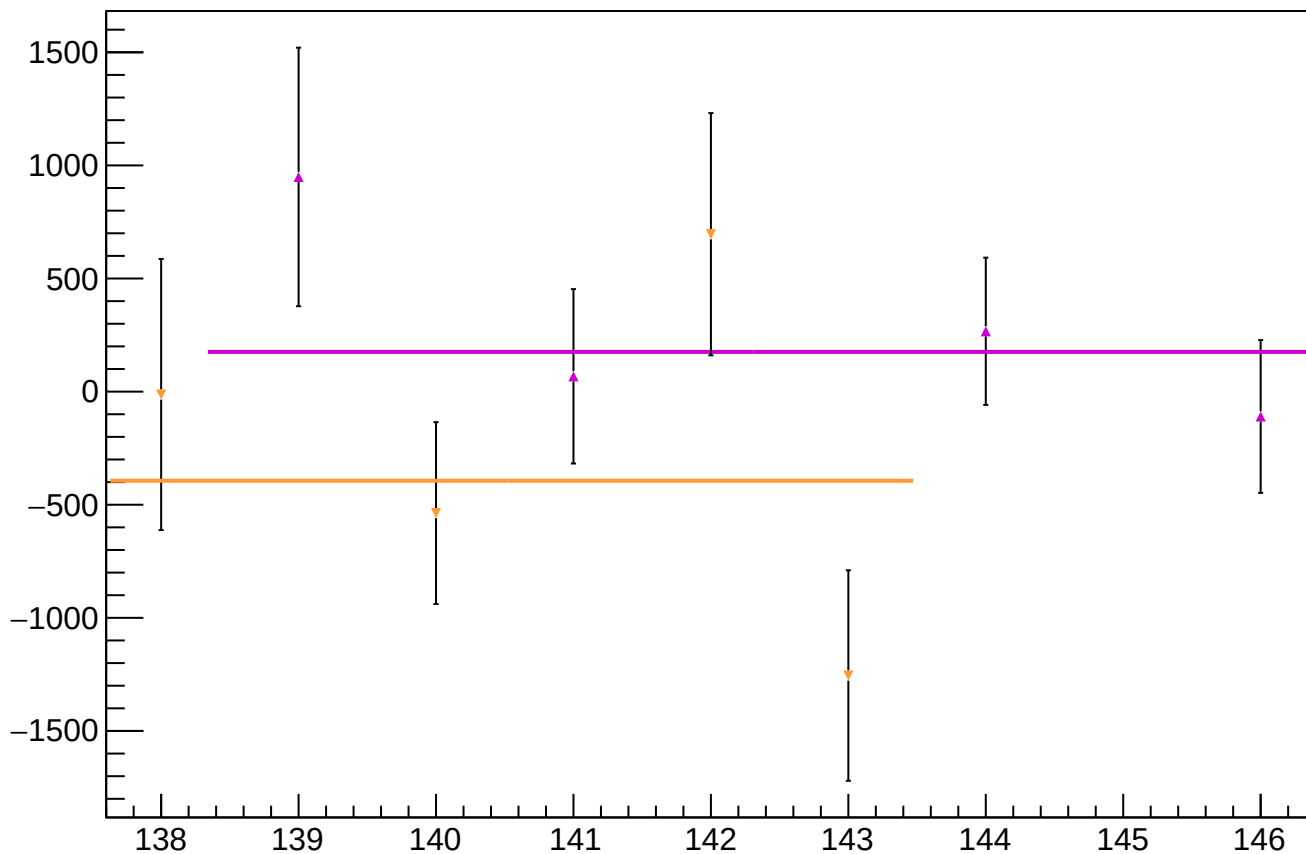
dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 69.356+/-0.031 χ^2/NDF : 58208.6/3
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 65.906+/-0.026 χ^2/NDF : 19907.7/3

69.356+/-0.031 χ^2/NDF : 58208.6/3
67.356+/-0.020 χ^2/NDF : 85391.2/7
65.906+/-0.026 χ^2/NDF : 19907.7/3

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -393.876+/-241.966 χ^2/NDF : 8.1/3

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

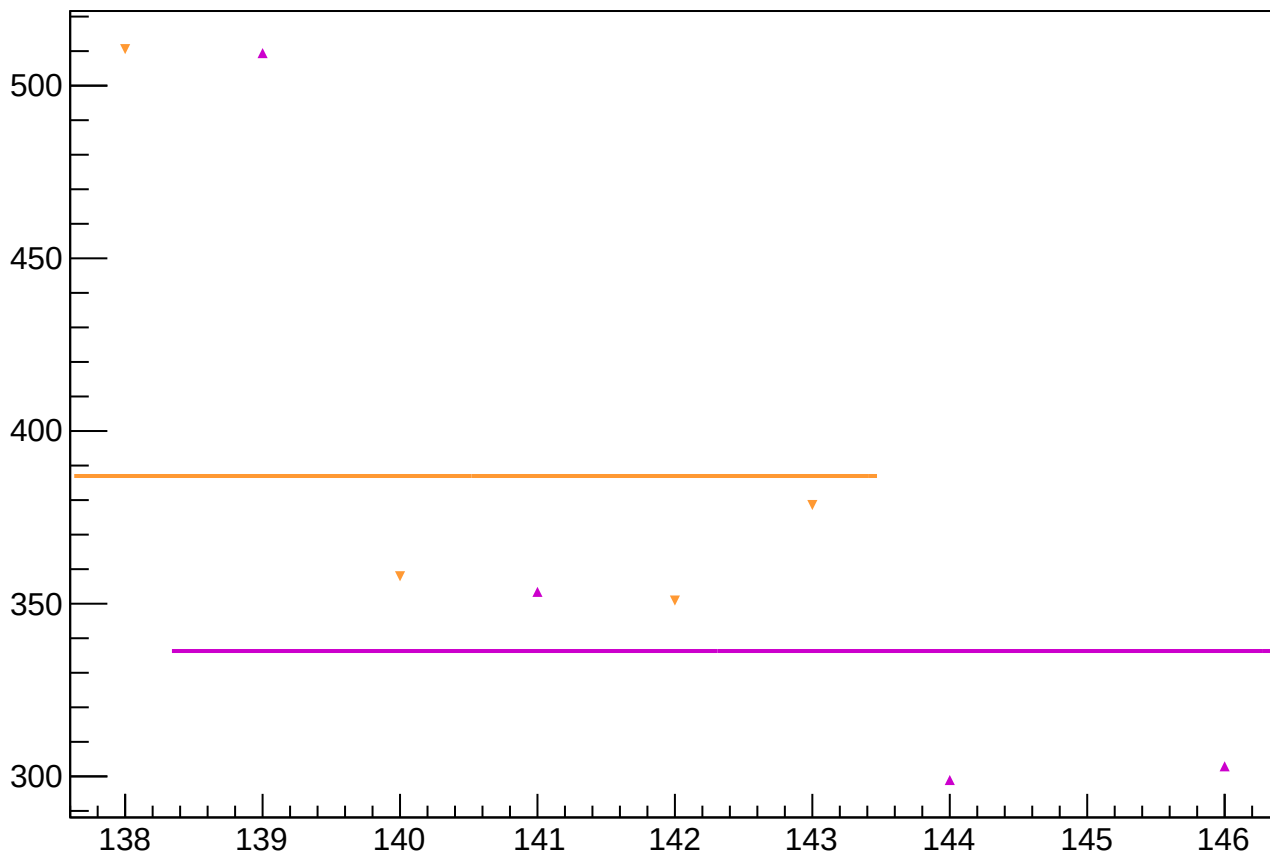
Left In: 175.584+/-188.970 χ^2/NDF : 2.7/3

-393.876+/-241.966 χ^2/NDF : 8.1/3

-40.158+/-148.933 χ^2/NDF : 14.2/7

175.584+/-188.970 χ^2/NDF : 2.7/3

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 386.976+/-0.171 χ^2/NDF : 105256.9/3

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

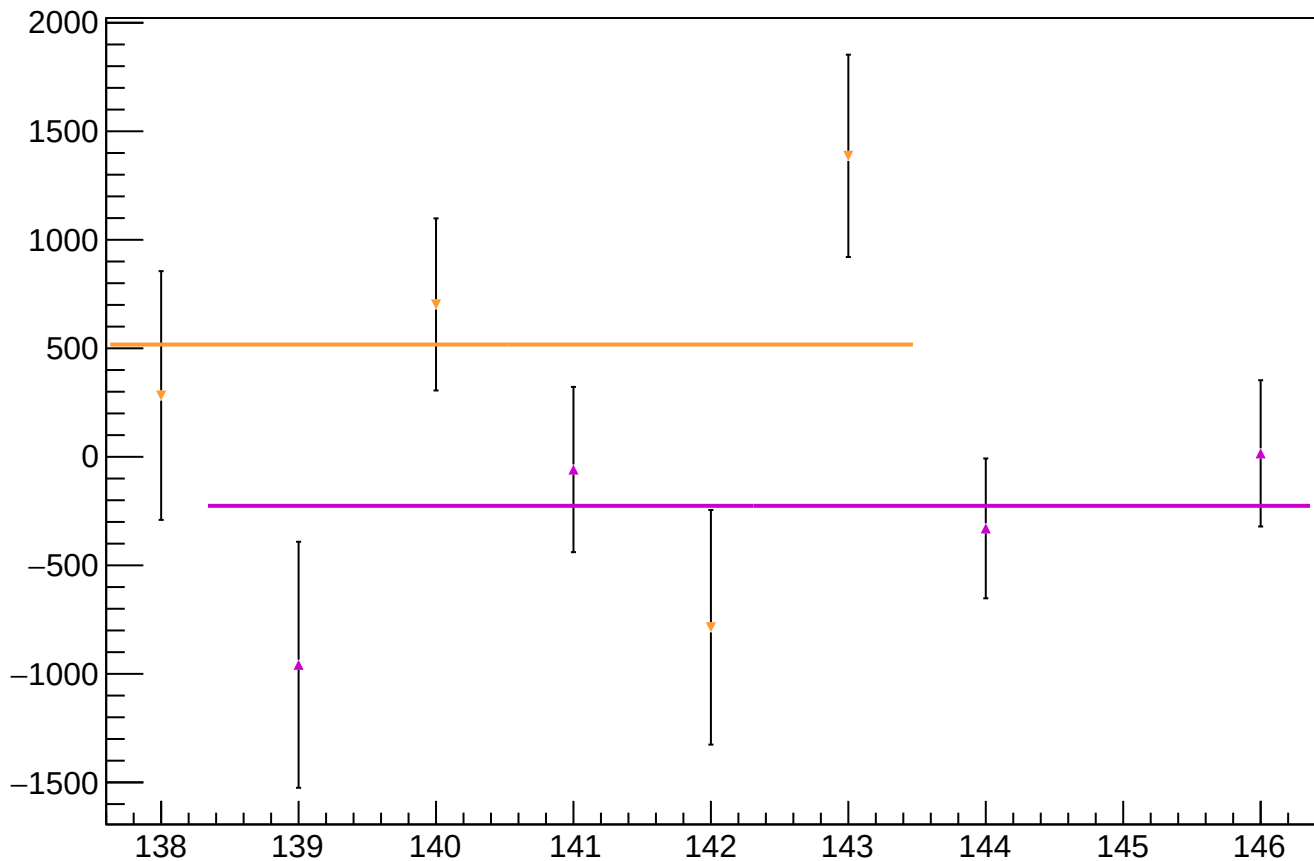
Left In: 336.301+/-0.134 χ^2/NDF : 233387.0/3

386.976+/-0.171 χ^2/NDF : 105256.9/3

355.500+/-0.105 χ^2/NDF : 393131.7/7

336.301+/-0.134 χ^2/NDF : 233387.0/3

asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: 517.502+/-239.537 χ^2/NDF : 9.7/3

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

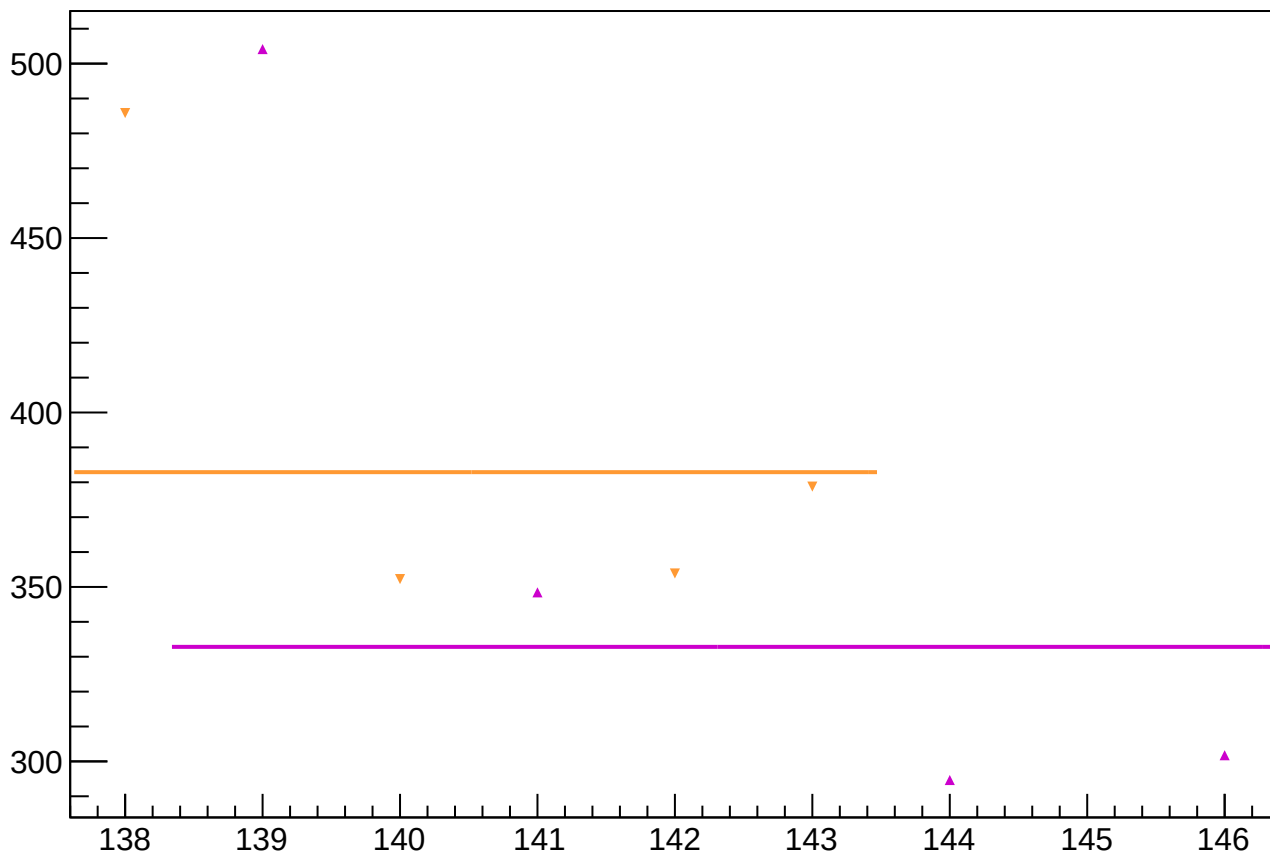
Left In: -225.731+/-187.480 χ^2/NDF : 2.5/3

517.502+/-239.537 χ^2/NDF : 9.7/3

56.605+/-147.636 χ^2/NDF : 18.1/7

-225.731+/-187.480 χ^2/NDF : 2.5/3

asym_sam_1357_avg_rms vs Slug, Sign Corrected



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

Left Out: 382.901+/-0.169 χ^2/NDF : 82384.9/3

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

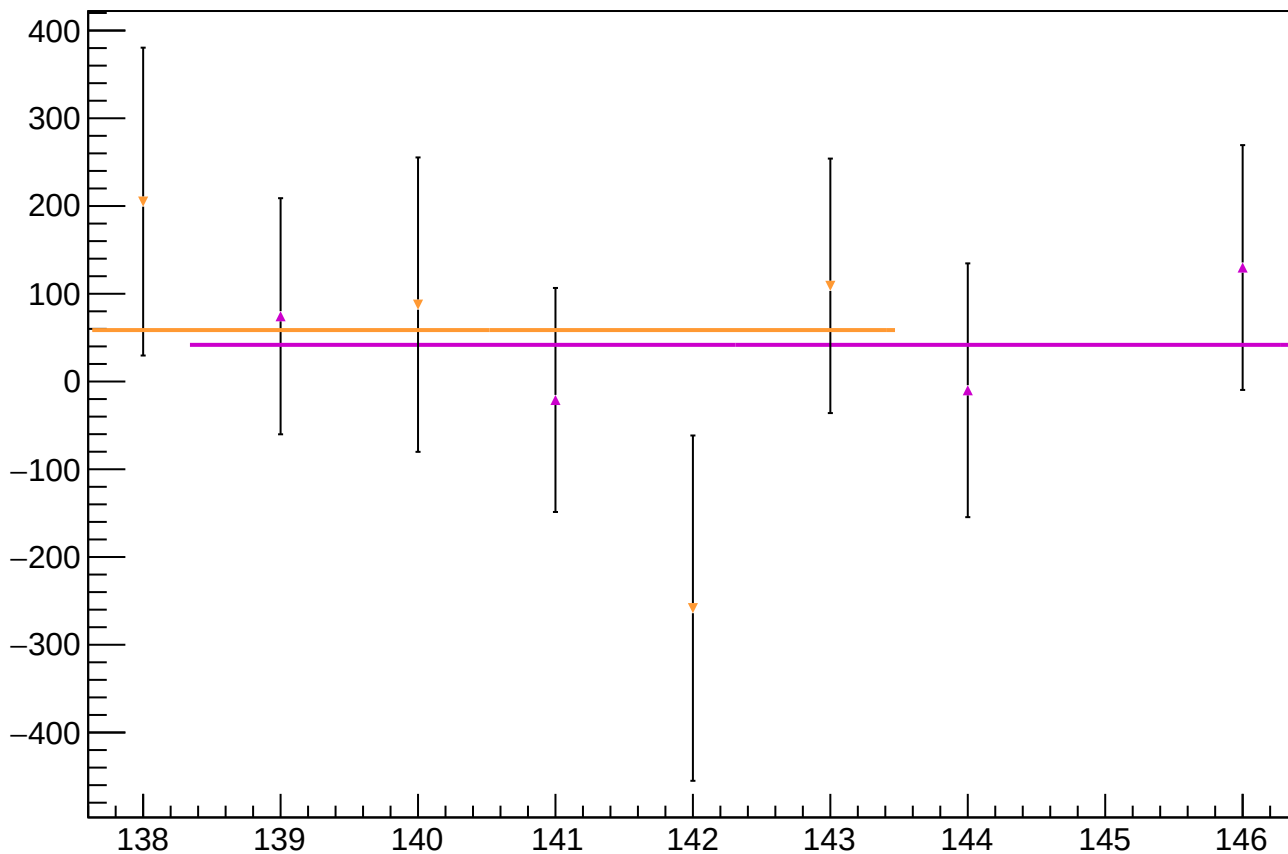
Left In: 332.827+/-0.133 χ^2/NDF : 231188.7/3

382.901+/-0.169 χ^2/NDF : 82384.9/3

351.849+/-0.104 χ^2/NDF : 367772.5/7

332.827+/-0.133 χ^2/NDF : 231188.7/3

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 58.625+/-84.092 χ^2/NDF : 3.4/3

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

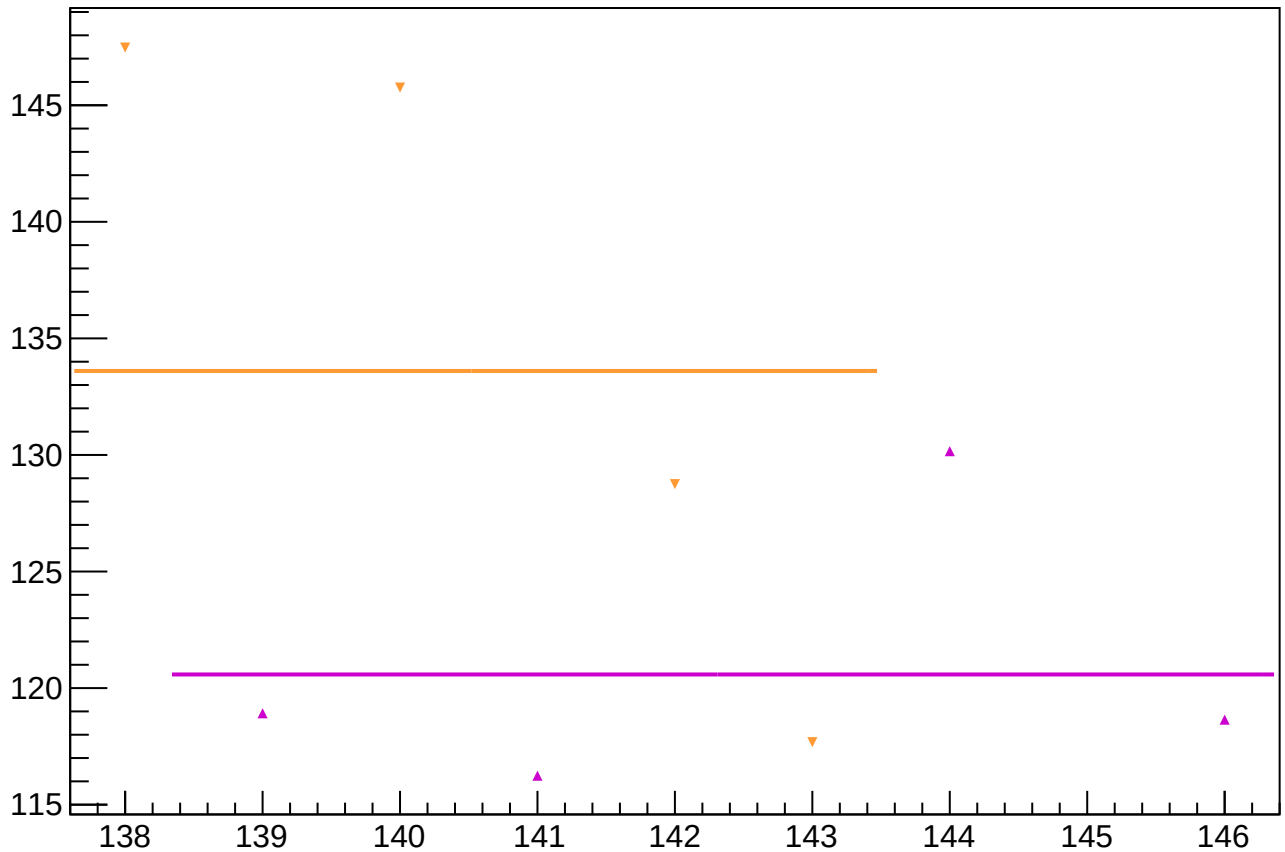
Left In: 41.785+/-68.071 χ^2/NDF : 0.8/3

58.625+/-84.092 χ^2/NDF : 3.4/3

48.451+/-52.909 χ^2/NDF : 4.3/7

41.785+/-68.071 χ^2/NDF : 0.8/3

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 133.603+/-0.059 χ^2/NDF : 48337.7/3

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

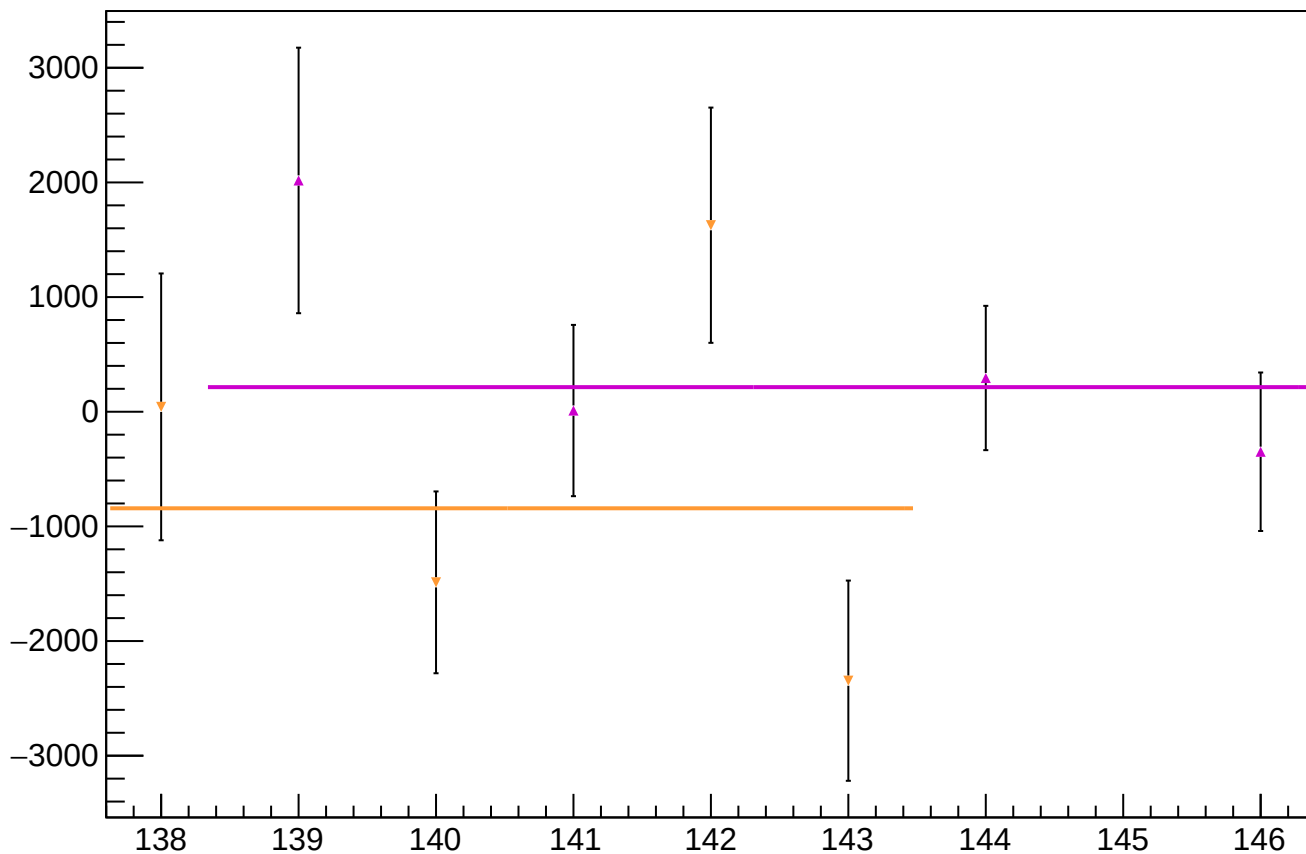
Left In: 120.585+/-0.048 χ^2/NDF : 11779.4/3

133.603+/-0.059 χ^2/NDF : 48337.7/3

125.738+/-0.037 χ^2/NDF : 89075.1/7

120.585+/-0.048 χ^2/NDF : 11779.4/3

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -842.161+/-466.722 χ^2/NDF : 10.0/3

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

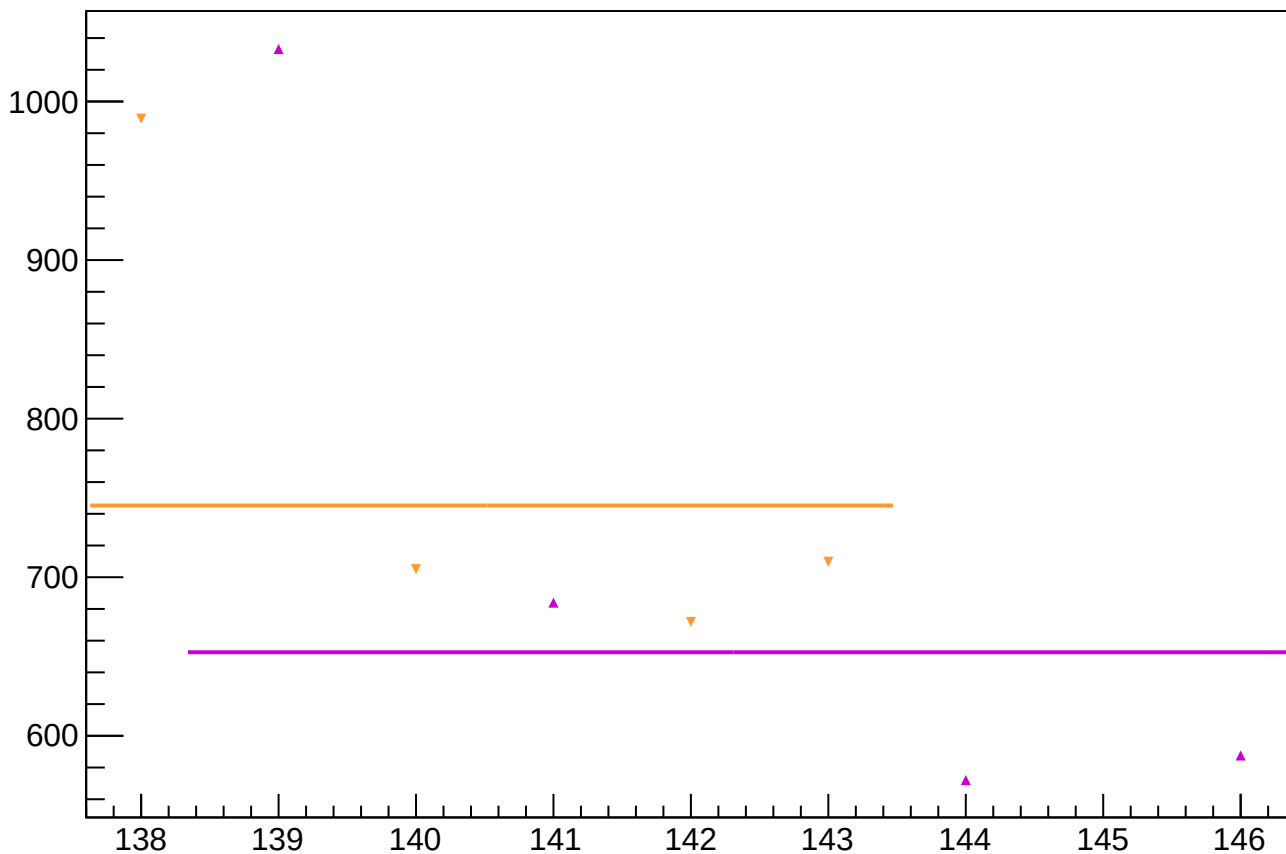
Left In: 214.586+/-373.810 χ^2/NDF : 3.2/3

-842.161+/-466.722 χ^2/NDF : 10.0/3

-198.385+/-291.765 χ^2/NDF : 16.3/7

214.586+/-373.810 χ^2/NDF : 3.2/3

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 745.241+/-0.330 χ^2/NDF : 106561.3/3

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

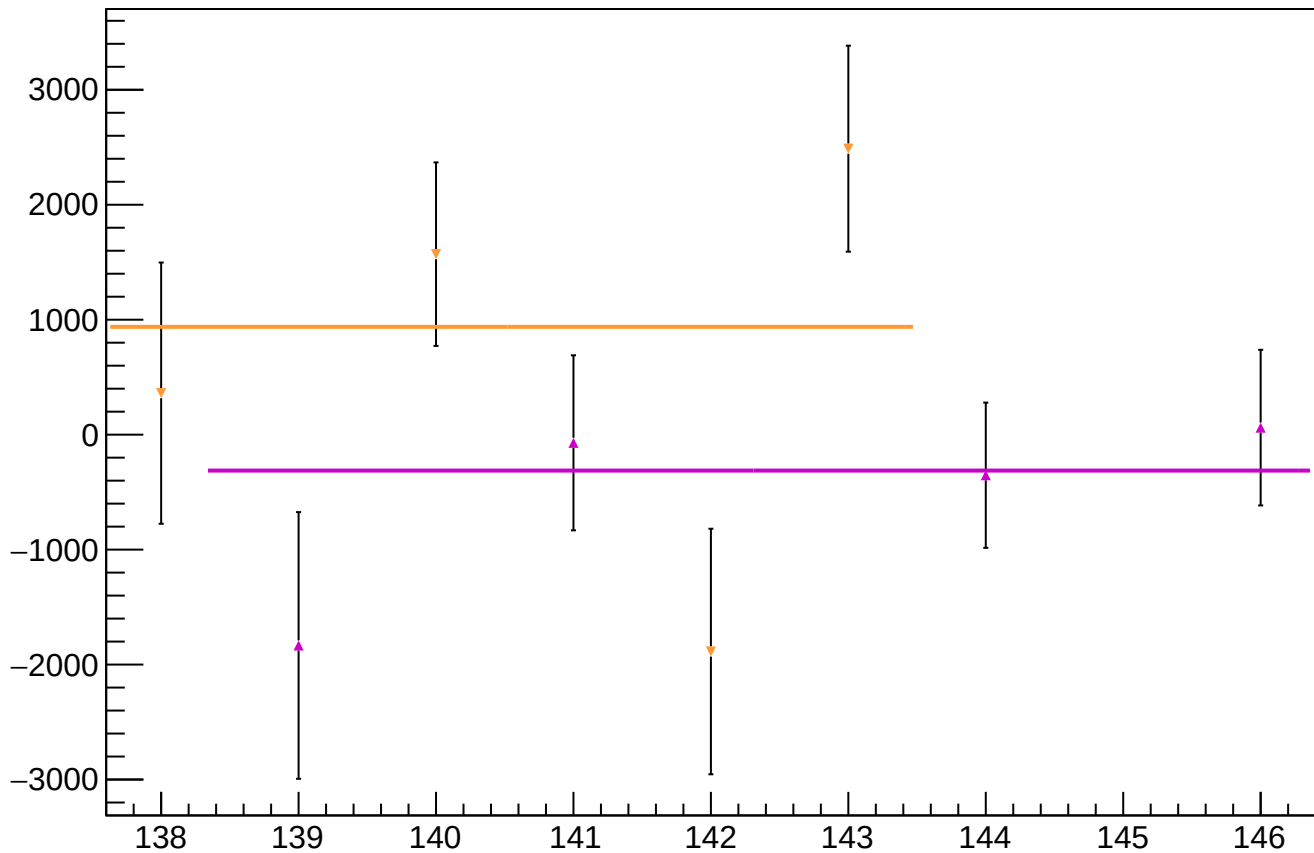
Left In: 652.690+/-0.264 χ^2/NDF : 269919.0/3

745.241+/-0.330 χ^2/NDF : 106561.3/3

688.858+/-0.206 χ^2/NDF : 424391.5/7

652.690+/-0.264 χ^2/NDF : 269919.0/3

asym_sam_2468_avg_mean vs Slug, Sign Corrected



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

Left Out: 937.921+/-473.163 χ^2/NDF : 10.9/3

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

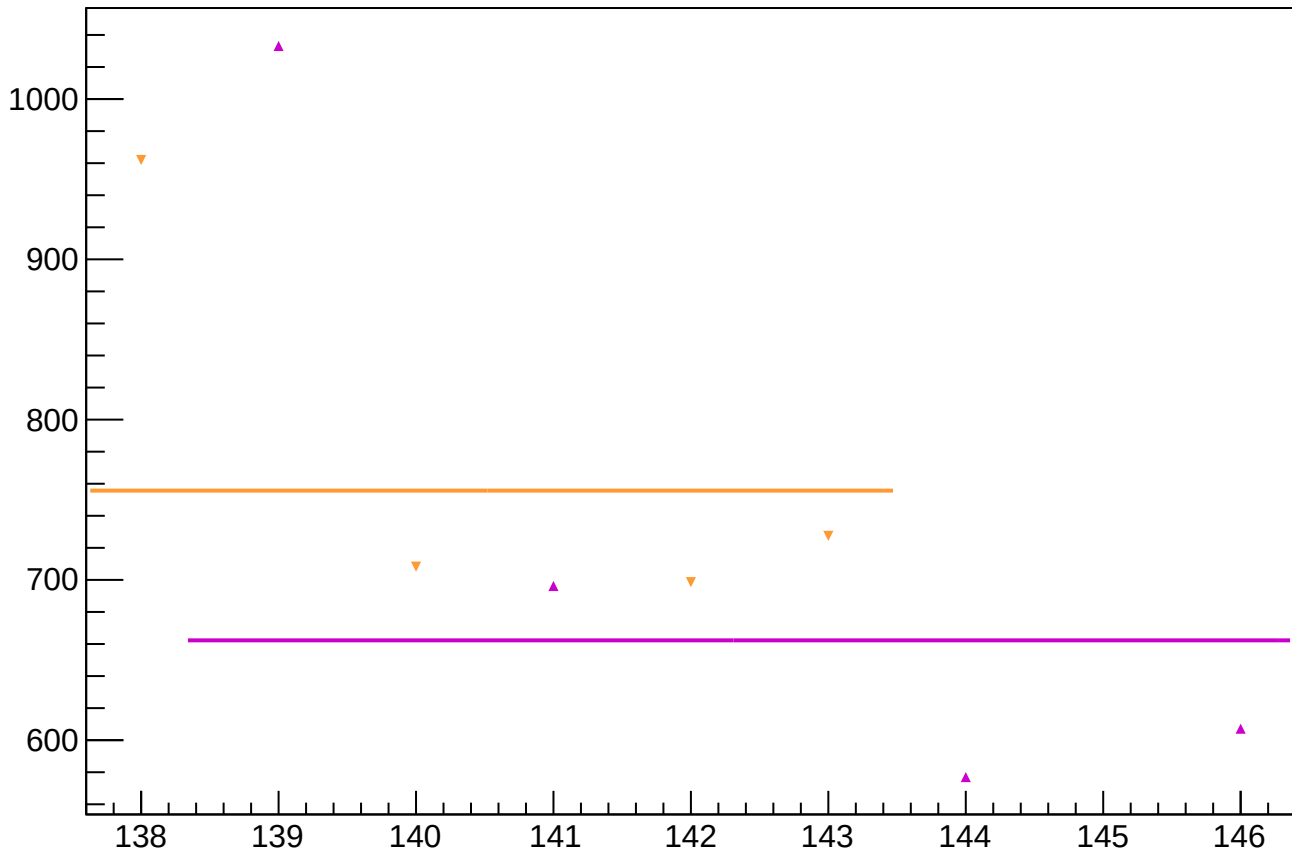
Left In: -312.409+/-373.771 χ^2/NDF : 2.1/3

937.921+/-473.163 χ^2/NDF : 10.9/3

168.015+/-293.300 χ^2/NDF : 17.3/7

-312.409+/-373.771 χ^2/NDF : 2.1/3

asym_sam_2468_avg_rms vs Slug, Sign Corrected



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

Left Out: 755.714+/-0.335 χ^2/NDF : 80686.5/3

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

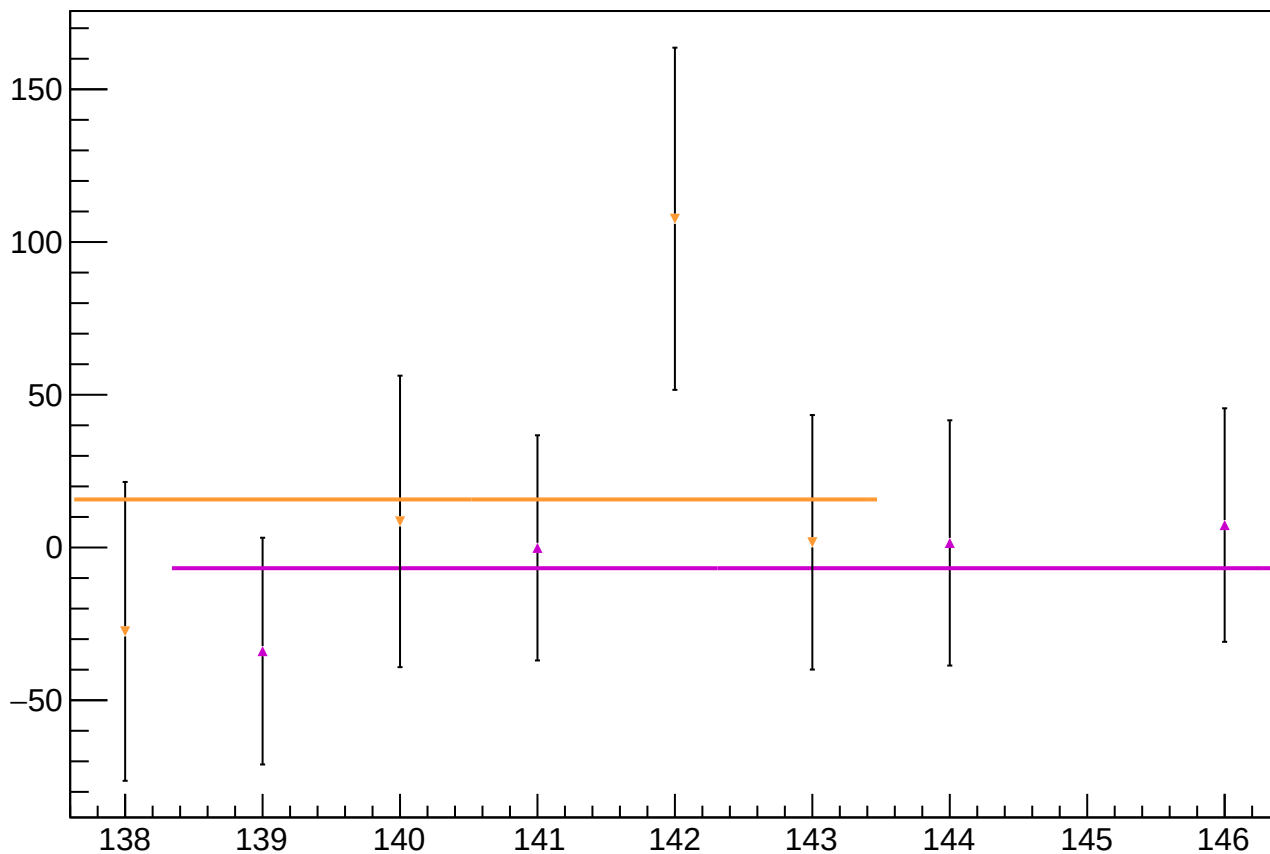
Left In: 662.282+/-0.264 χ^2/NDF : 258133.9/3

755.714+/-0.335 χ^2/NDF : 80686.5/3

698.182+/-0.207 χ^2/NDF : 386839.3/7

662.282+/-0.264 χ^2/NDF : 258133.9/3

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: 15.731 $\pm$ 23.890 χ^2 /NDF: 3.6/3

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

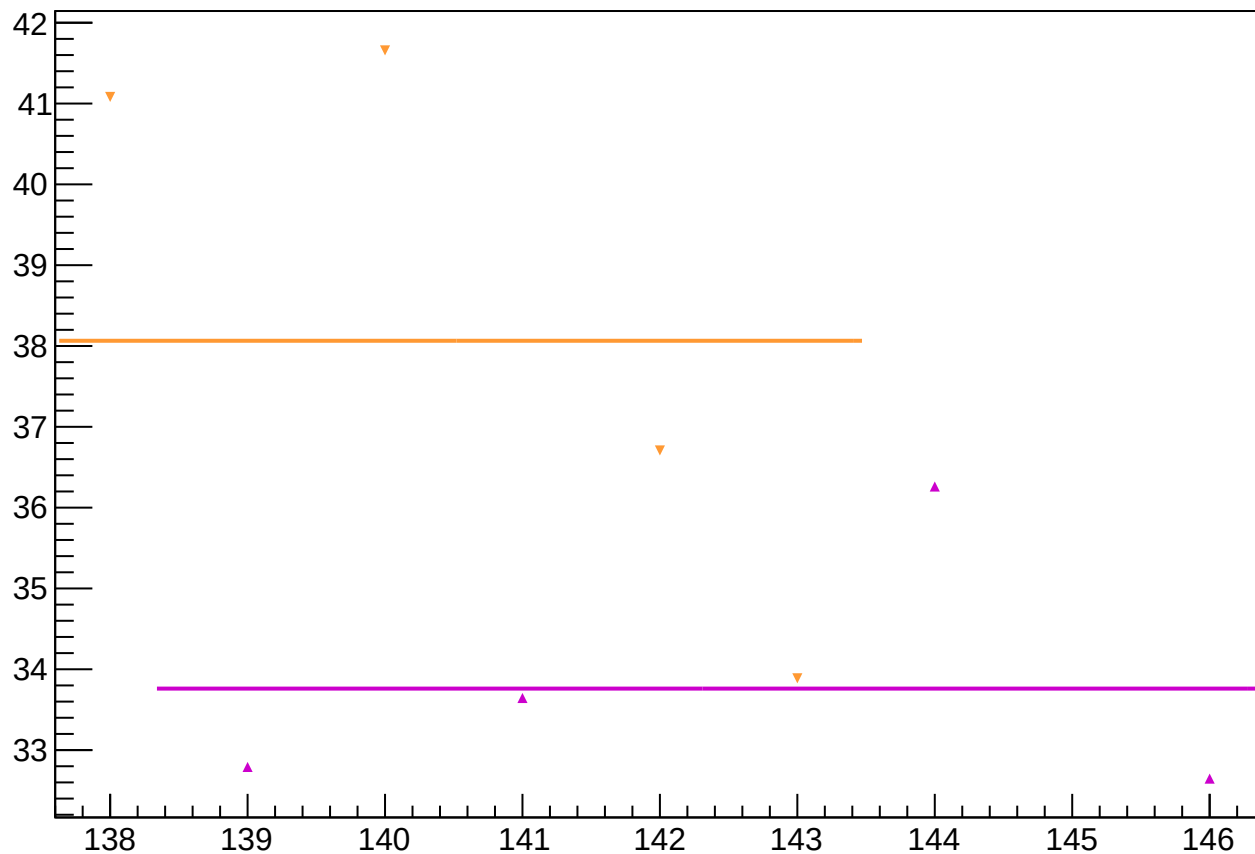
Left In: -6.778 $\pm$ 19.010 χ^2 /NDF: 0.7/3

15.731 $\pm$ 23.890 χ^2 /NDF: 3.6/3

1.949 $\pm$ 14.875 χ^2 /NDF: 4.9/7

-6.778 $\pm$ 19.010 χ^2 /NDF: 0.7/3

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: 38.065+/-0.017 χ^2/NDF : 40225.5/3

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

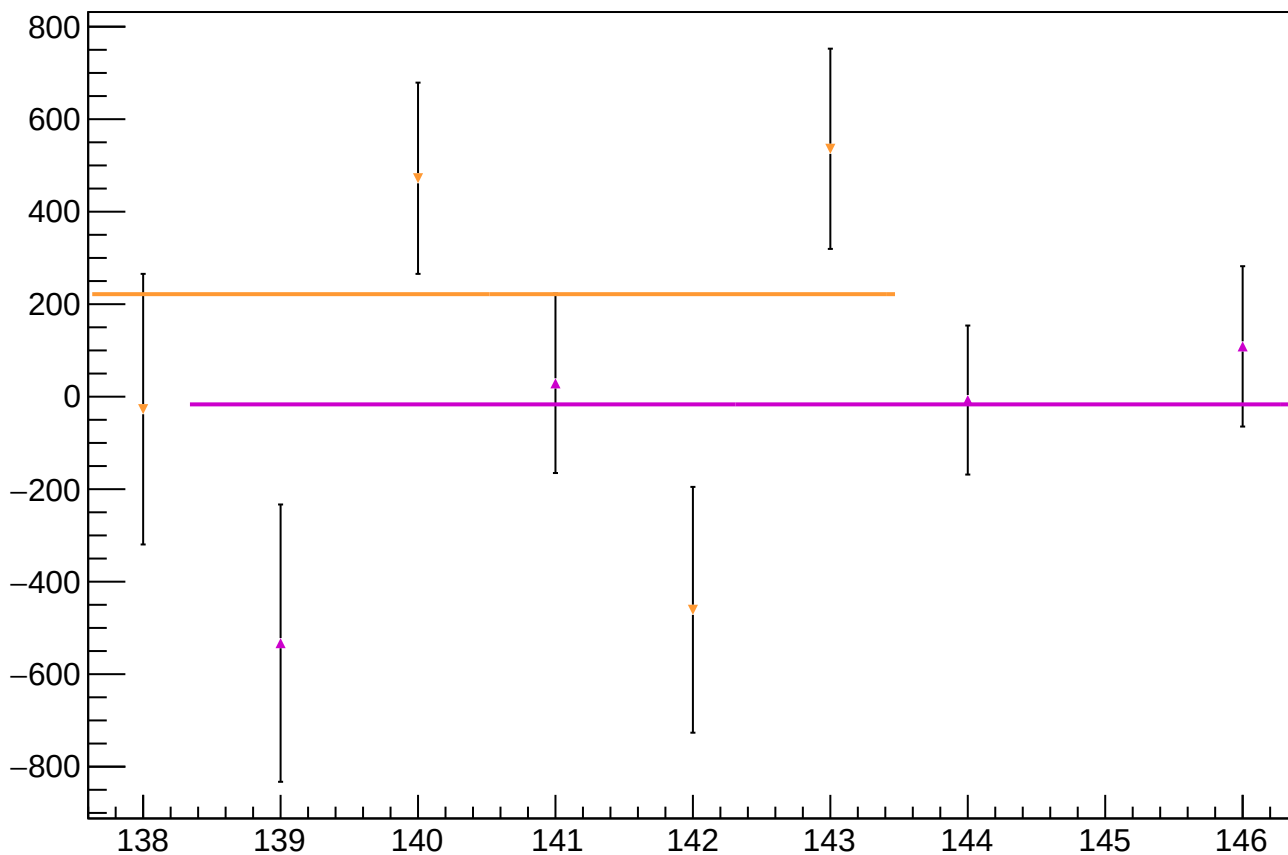
Left In: 33.761+/-0.013 χ^2/NDF : 10841.8/3

38.065+/-0.017 χ^2/NDF : 40225.5/3

35.430+/-0.011 χ^2/NDF : 90812.2/7

33.761+/-0.013 χ^2/NDF : 10841.8/3

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: 221.669+/-119.035 χ^2/NDF : 10.9/3

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

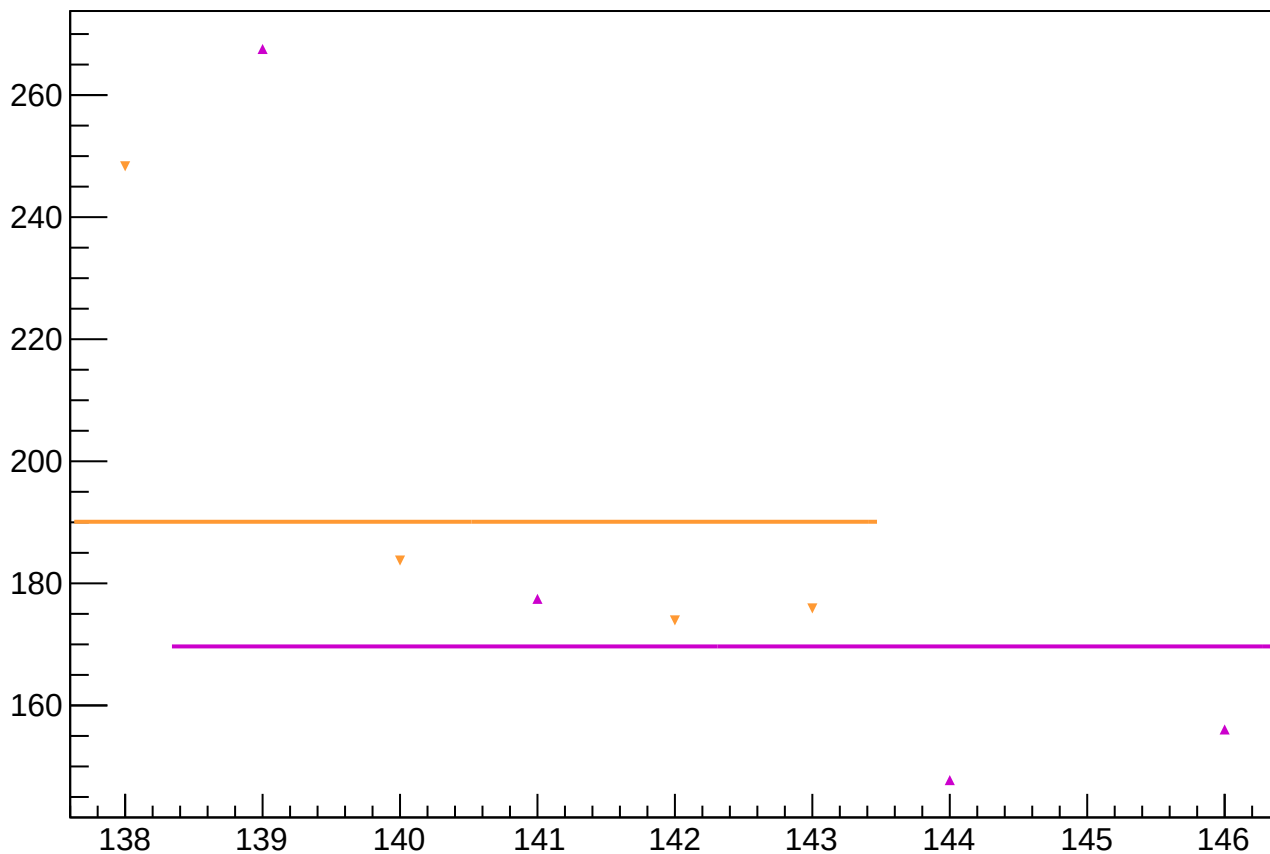
Left In: -16.645+/-95.555 χ^2/NDF : 3.5/3

221.669+/-119.035 χ^2/NDF : 10.9/3

76.745+/-74.516 χ^2/NDF : 16.9/7

-16.645+/-95.555 χ^2/NDF : 3.5/3

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: 190.092+/-0.084 χ^2/NDF : 97149.7/3

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

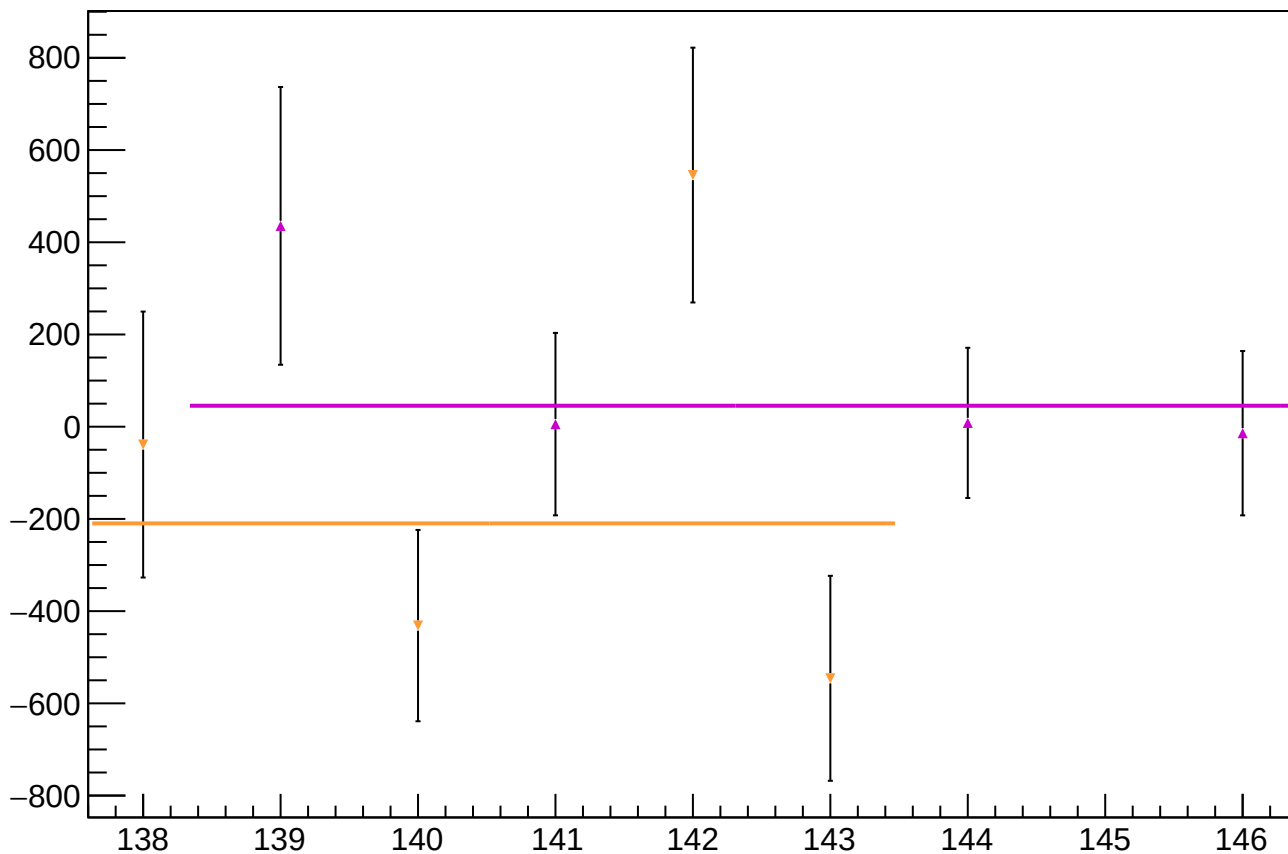
Left In: 169.667+/-0.068 χ^2/NDF : 265712.6/3

190.092+/-0.084 χ^2/NDF : 97149.7/3

177.671+/-0.053 χ^2/NDF : 398672.4/7

169.667+/-0.068 χ^2/NDF : 265712.6/3

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



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

Left Out: -209.703+/-120.741 χ^2/NDF : 11.3/3

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

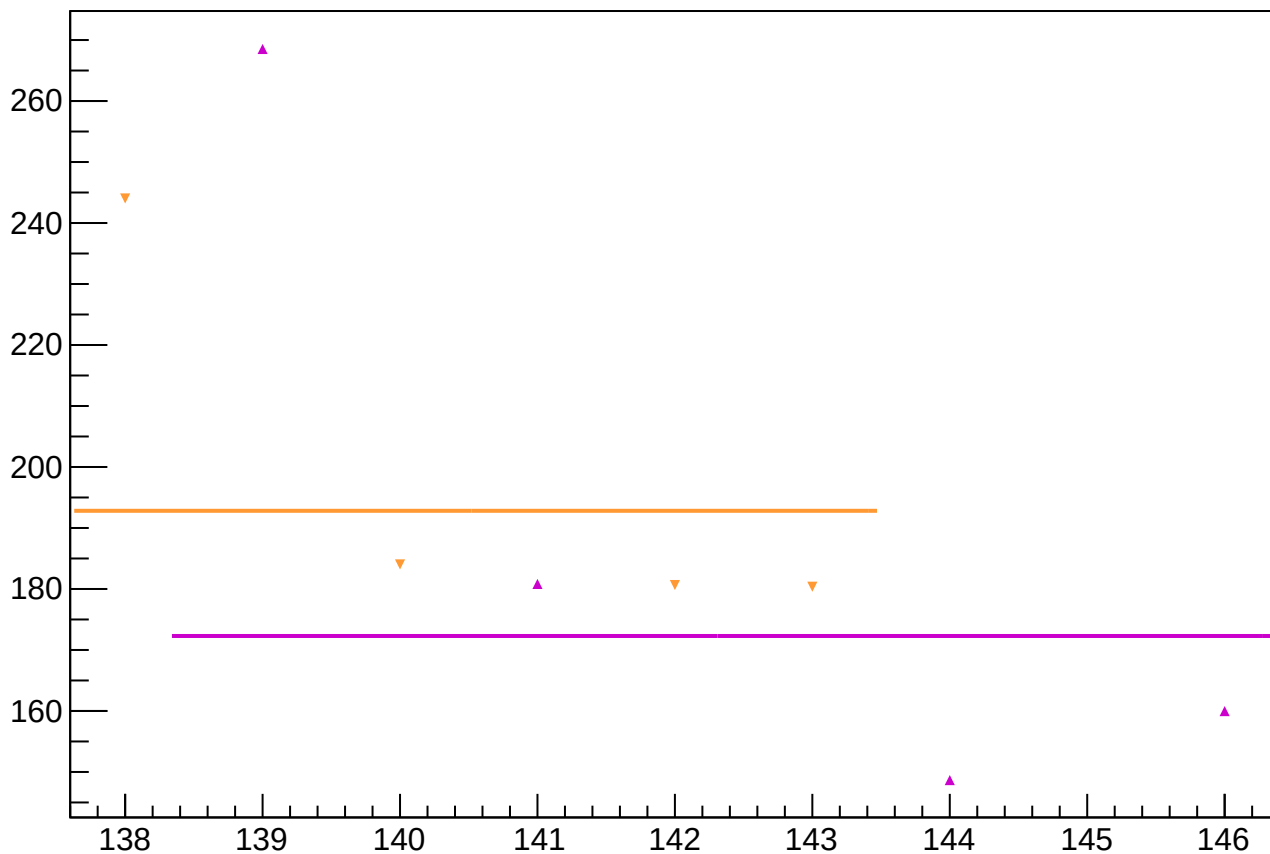
Left In: 45.491+/-97.235 χ^2/NDF : 1.9/3

-209.703+/-120.741 χ^2/NDF : 11.3/3

-54.904+/-75.731 χ^2/NDF : 15.8/7

45.491+/-97.235 χ^2/NDF : 1.9/3

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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

Left Out: 192.818+/-0.085 χ^2/NDF : 76801.0/3

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

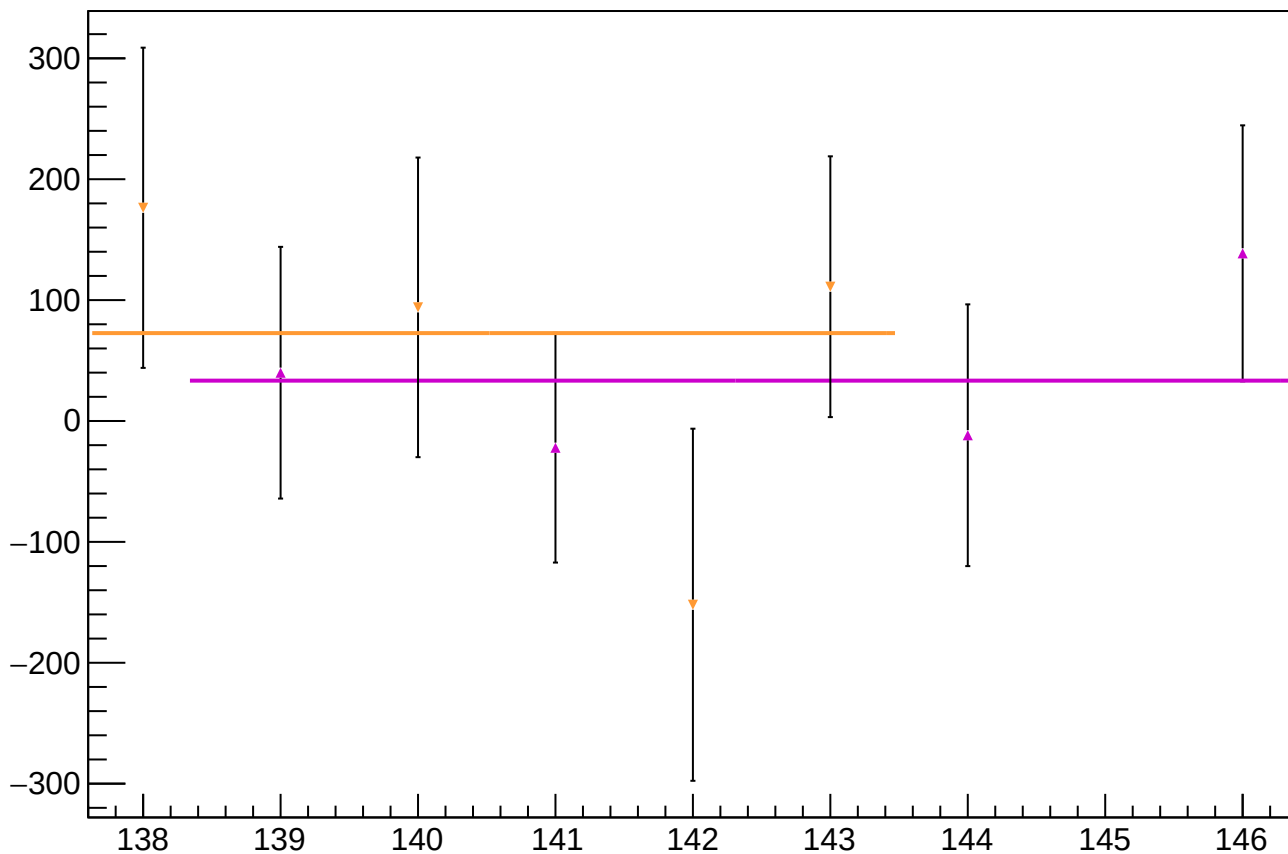
Left In: 172.294+/-0.069 χ^2/NDF : 259506.1/3

192.818+/-0.085 χ^2/NDF : 76801.0/3

180.368+/-0.054 χ^2/NDF : 371360.5/7

172.294+/-0.069 χ^2/NDF : 259506.1/3

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: 72.701 $\pm$ 62.595 χ^2/NDF : 3.1/3

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

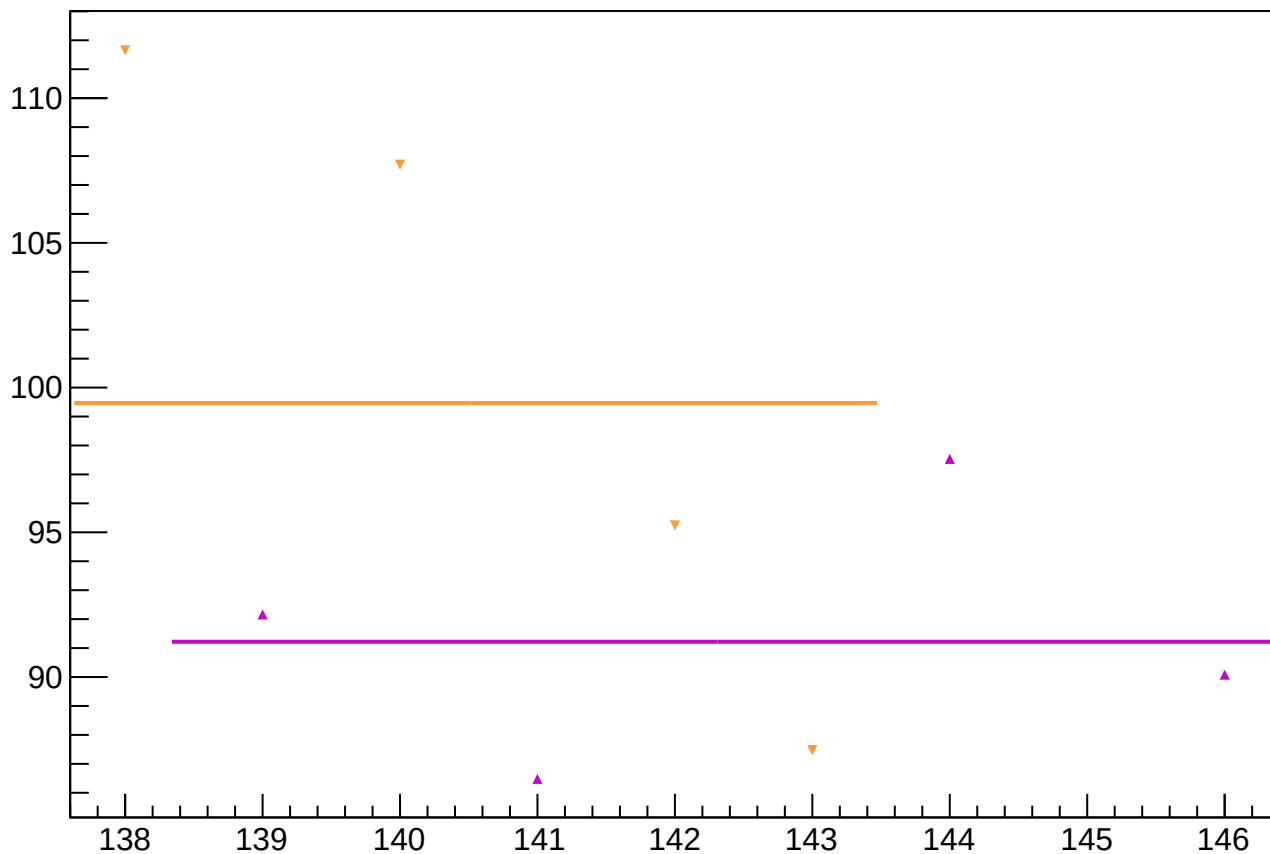
Left In: 33.379 $\pm$ 51.462 χ^2/NDF : 1.5/3

72.701 $\pm$ 62.595 χ^2/NDF : 3.1/3

49.238 $\pm$ 39.752 χ^2/NDF : 4.9/7

33.379 $\pm$ 51.462 χ^2/NDF : 1.5/3

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 99.469+/-0.044 χ^2/NDF : 52169.1/3

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

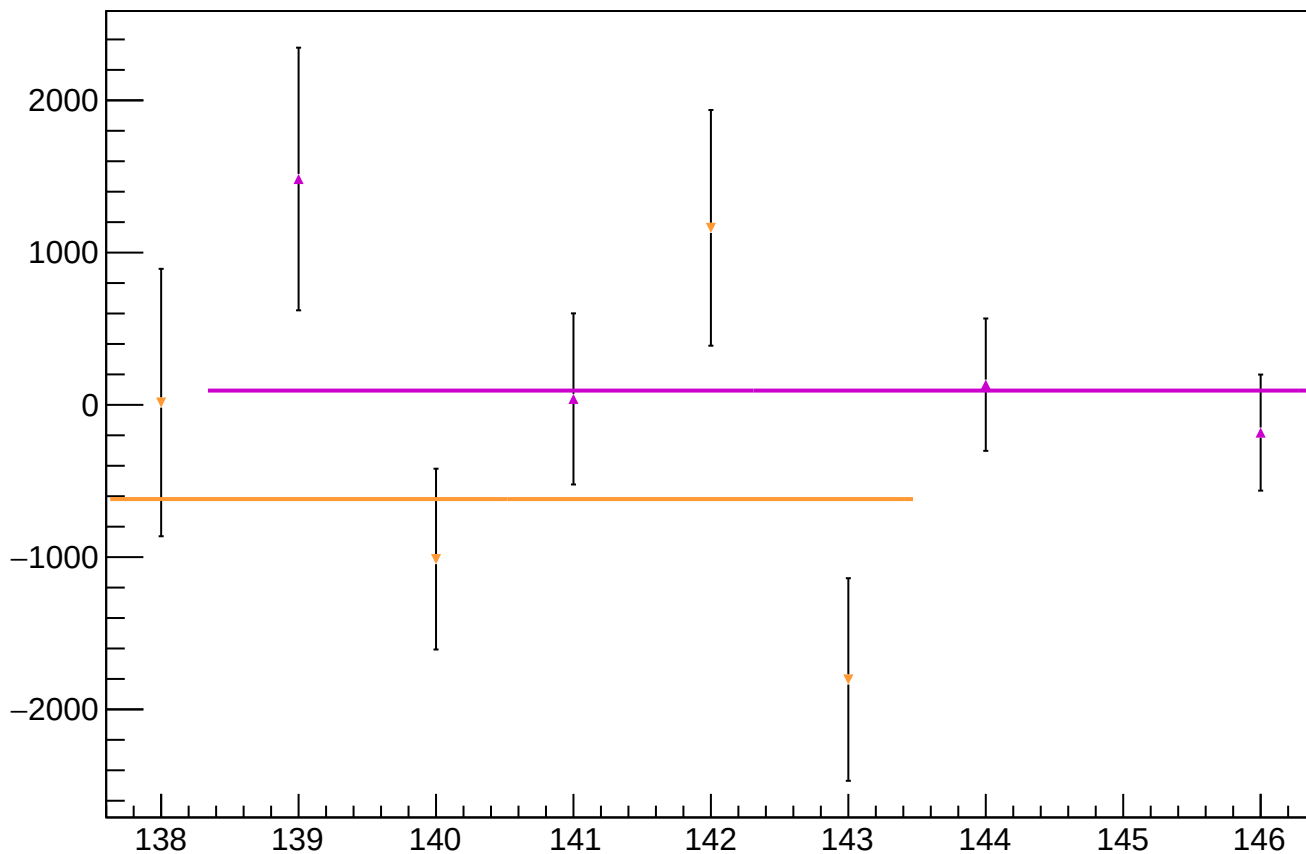
Left In: 91.219+/-0.036 χ^2/NDF : 12179.1/3

99.469+/-0.044 χ^2/NDF : 52169.1/3

94.546+/-0.028 χ^2/NDF : 85078.5/7

91.219+/-0.036 χ^2/NDF : 12179.1/3

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -618.697+/-352.186 χ^2/NDF : 9.4/3

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

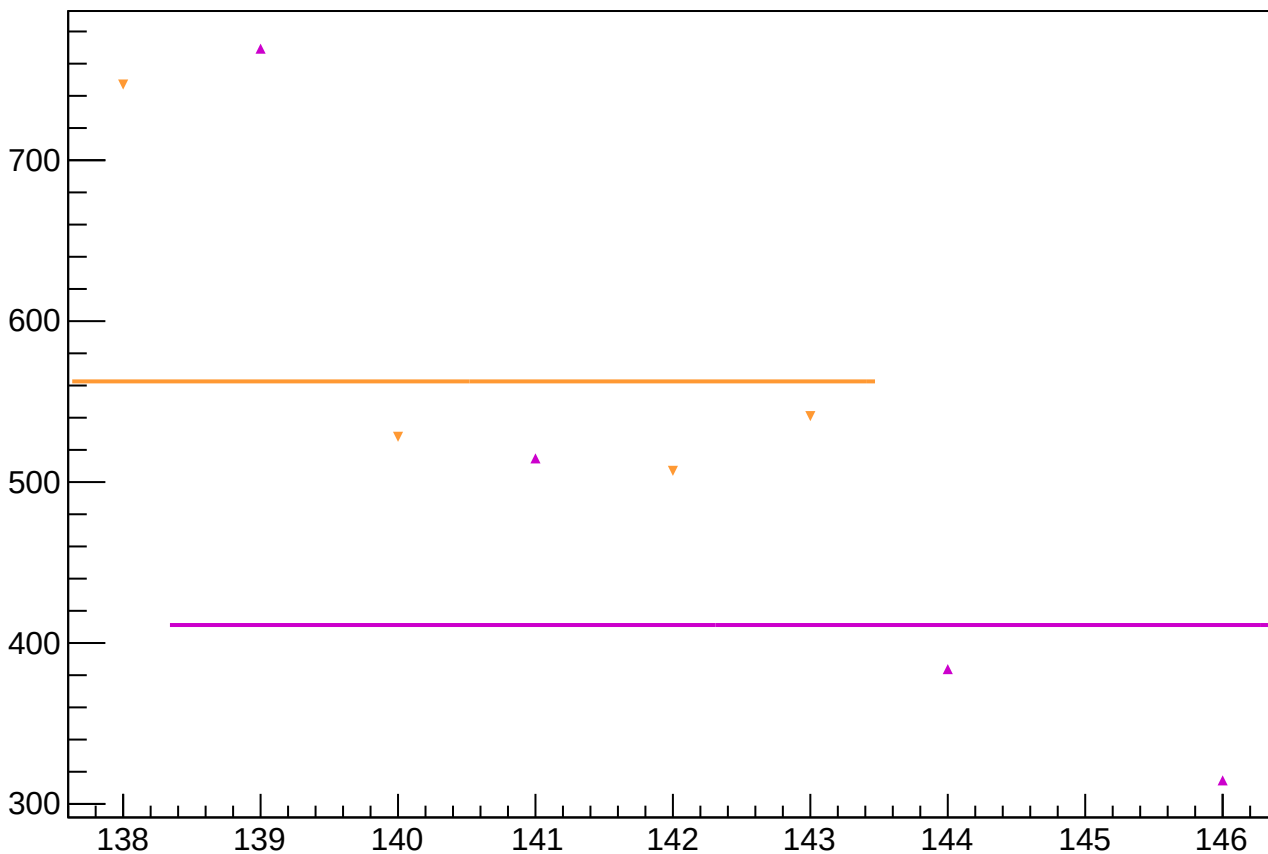
Left In: 93.828+/-244.801 χ^2/NDF : 3.1/3

-618.697+/-352.186 χ^2/NDF : 9.4/3

-138.284+/-201.012 χ^2/NDF : 15.3/7

93.828+/-244.801 χ^2/NDF : 3.1/3

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 562.566+/-0.249 χ^2/NDF : 107400.9/3

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

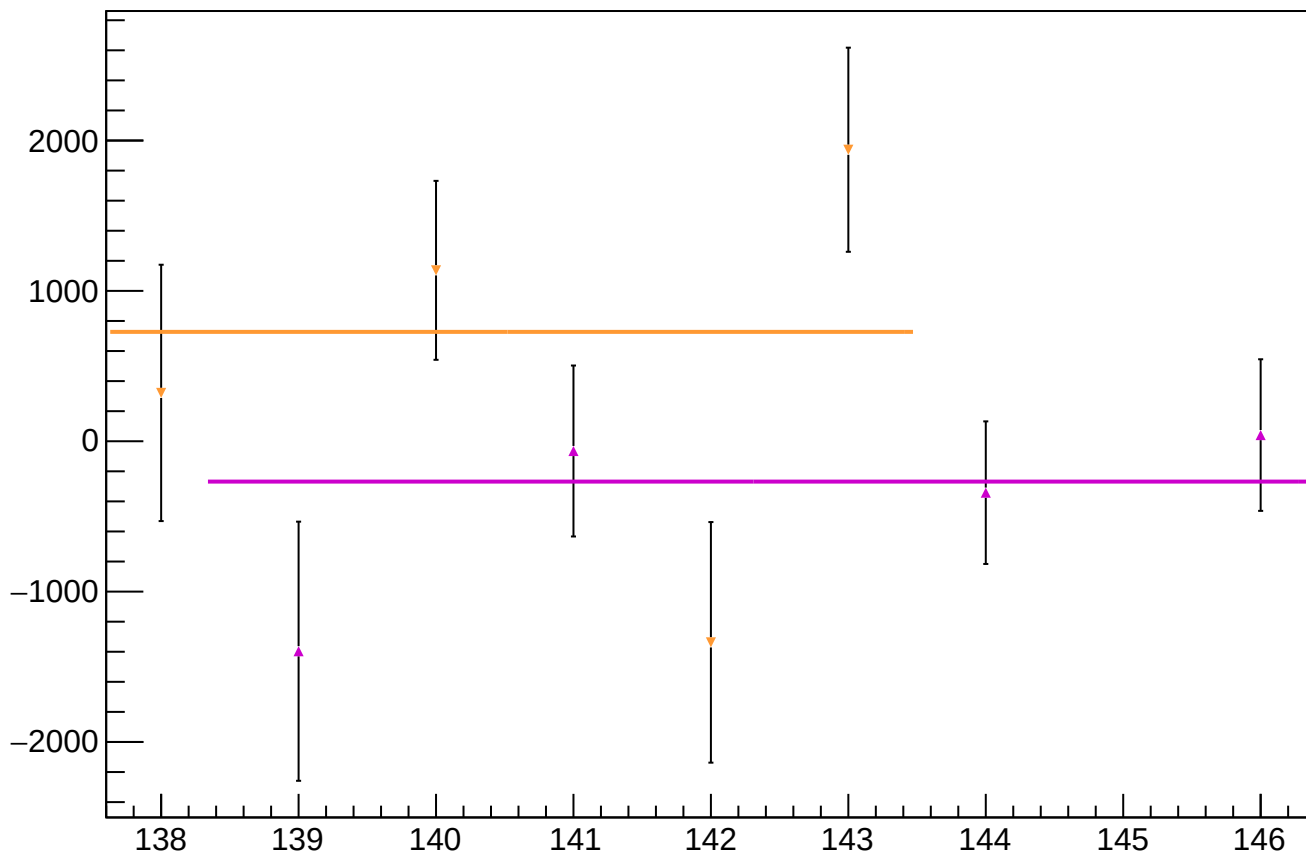
Left In: 411.181+/-0.173 χ^2/NDF : 548970.3/3

562.566+/-0.249 χ^2/NDF : 107400.9/3

460.496+/-0.142 χ^2/NDF : 905520.9/7

411.181+/-0.173 χ^2/NDF : 548970.3/3

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



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

Left Out: 727.469+/-355.044 χ^2/NDF :10.5/3

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

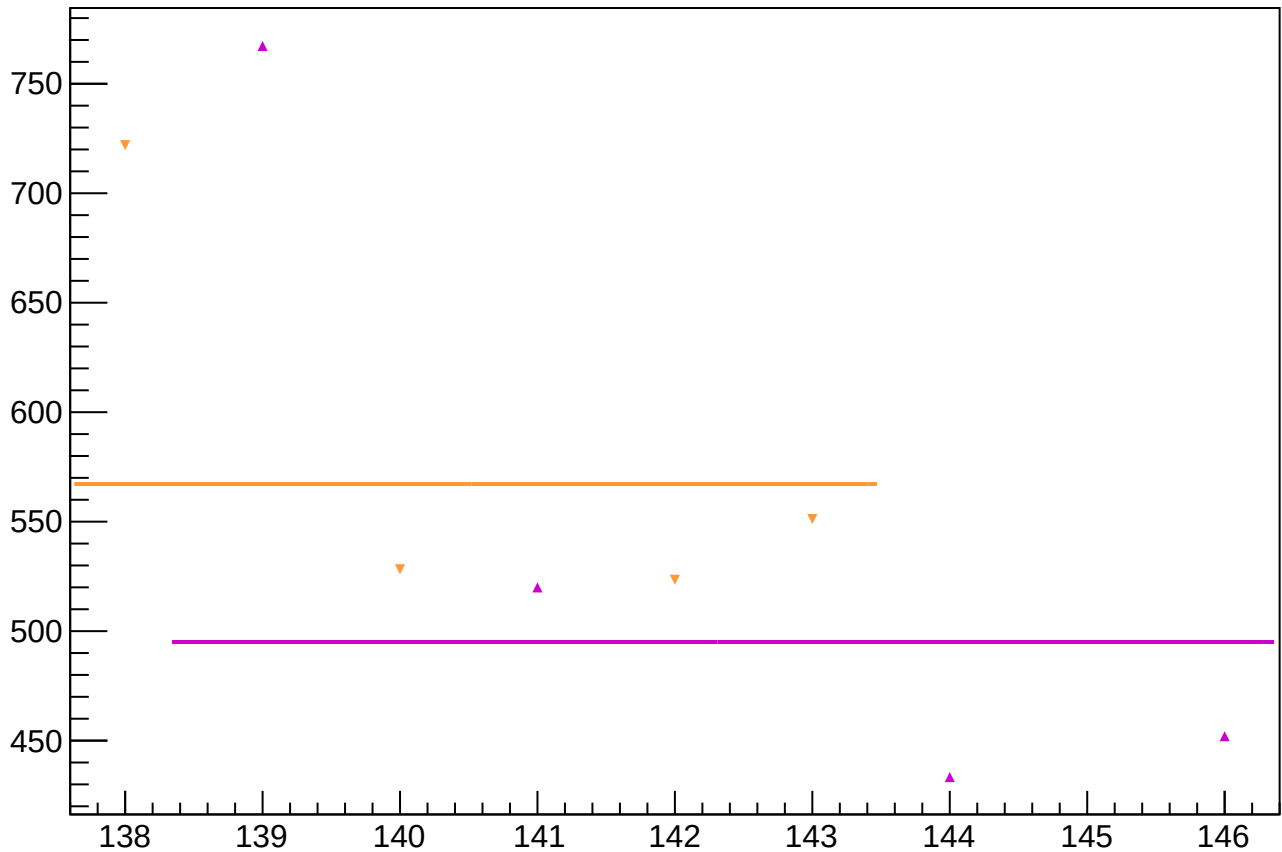
Left In: -268.308+/-279.263 χ^2/NDF :2.2/3

727.469+/-355.044 χ^2/NDF : 10.5/3

112.288+/-219.499 χ^2/NDF : 17.6/7

-268.308+/-279.263 χ^2/NDF : 2.2/3

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



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

Left Out: 567.178+/-0.251 χ^2/NDF : 81576.5/3

567.178+/-0.251 χ^2/NDF : 81576.5/3

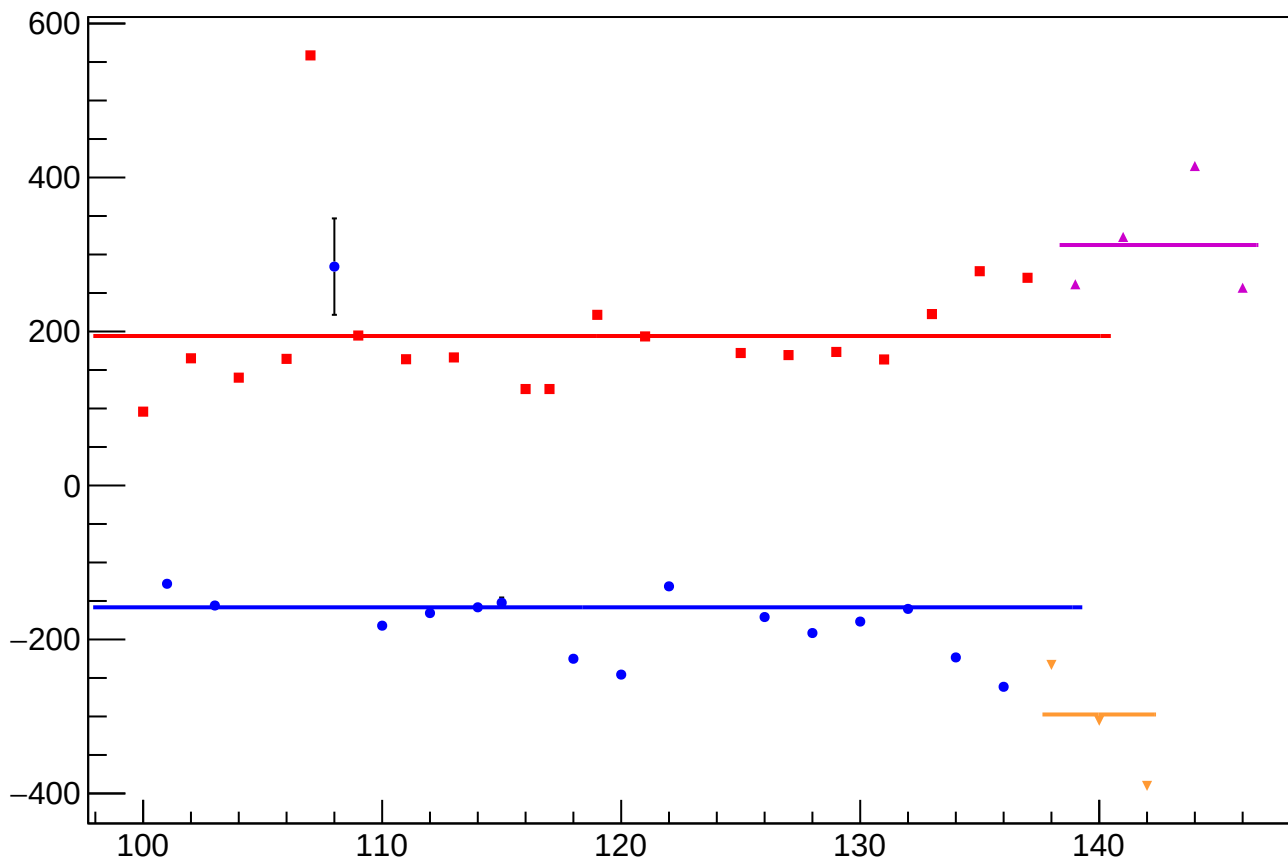
522.613+/-0.155 χ^2/NDF : 384414.4/7

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

495.041+/-0.197 χ^2/NDF : 251831.4/3

Left In: 495.041+/-0.197 χ^2/NDF : 251831.4/3

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222 $\pm$ 0.000 χ^2 /NDF: 117166.2/15

Left Out: -297.411 $\pm$ 0.455 χ^2 /NDF:12346.8/2

Right Out: 194.144 $\pm$ 0.165 χ^2 /NDF: 176874.6/18

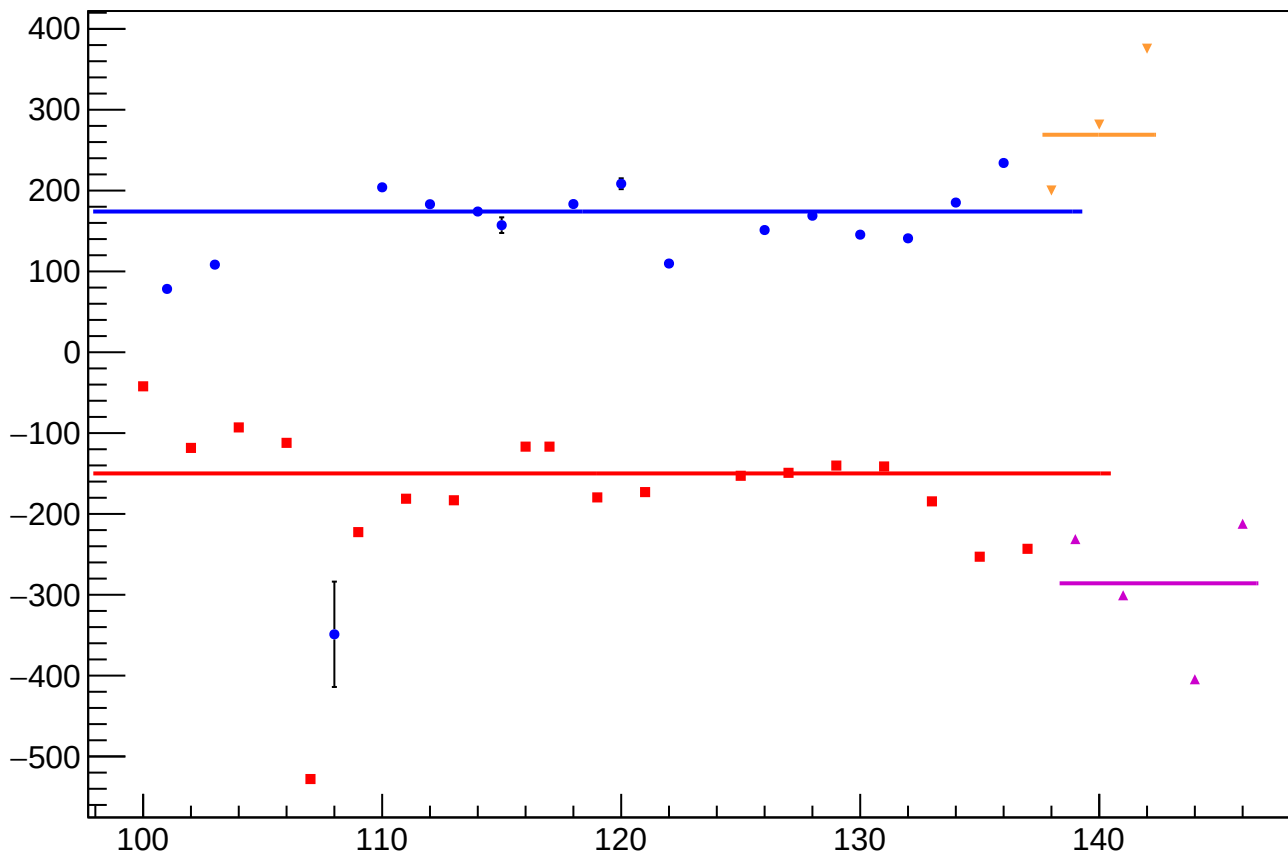
Left In: 312.329 $\pm$ 0.342 χ^2 /NDF:17602.6/3

-158.222 $\pm$ 0.000 χ^2 /NDF: 223030.9/18

-158.222 $\pm$ 0.000 χ^2 /NDF: 6866641.5/41

216.412 $\pm$ 0.149 χ^2 /NDF: 291151.8/22

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085 ± 0.000 χ^2/NDF : 53377.4/15

Left Out: 269.061 ± 0.486 χ^2/NDF : 14015.6/2

Right Out: -149.900 ± 0.195 χ^2/NDF : 167887.8/18

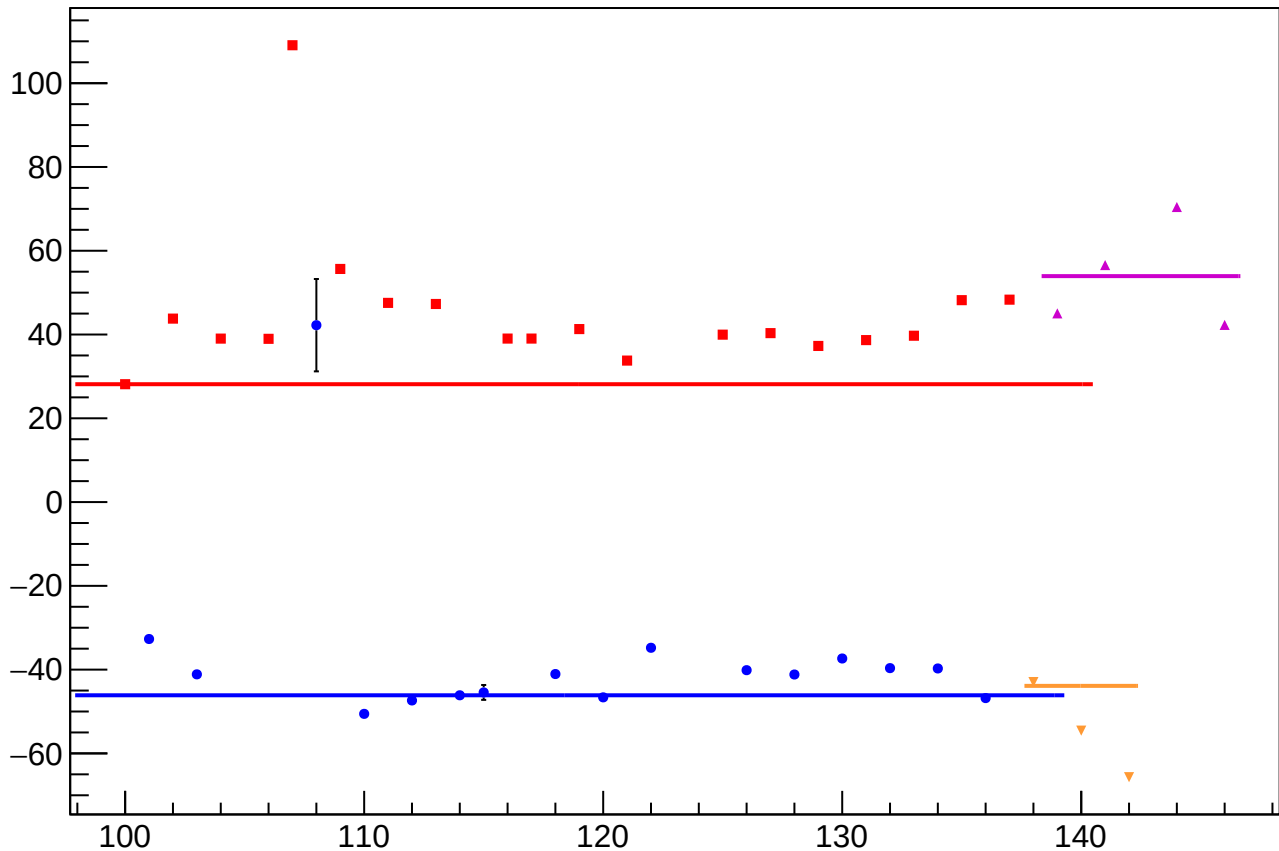
Left In: -285.831 ± 0.366 χ^2/NDF : 20206.2/3

174.085 ± 0.000 χ^2/NDF : 105645.2/18

174.085 ± 0.000 χ^2/NDF : 4620643.4/41

-180.031 ± 0.172 χ^2/NDF : 295365.9/22

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -46.126 $\pm$ 0.000 χ^2 /NDF: 201273.7/15

Left Out: -43.878 $\pm$ 0.018 χ^2 /NDF: 41586.3/2

Right Out: 28.139 $\pm$ 0.000 χ^2 /NDF: 747096.2/18

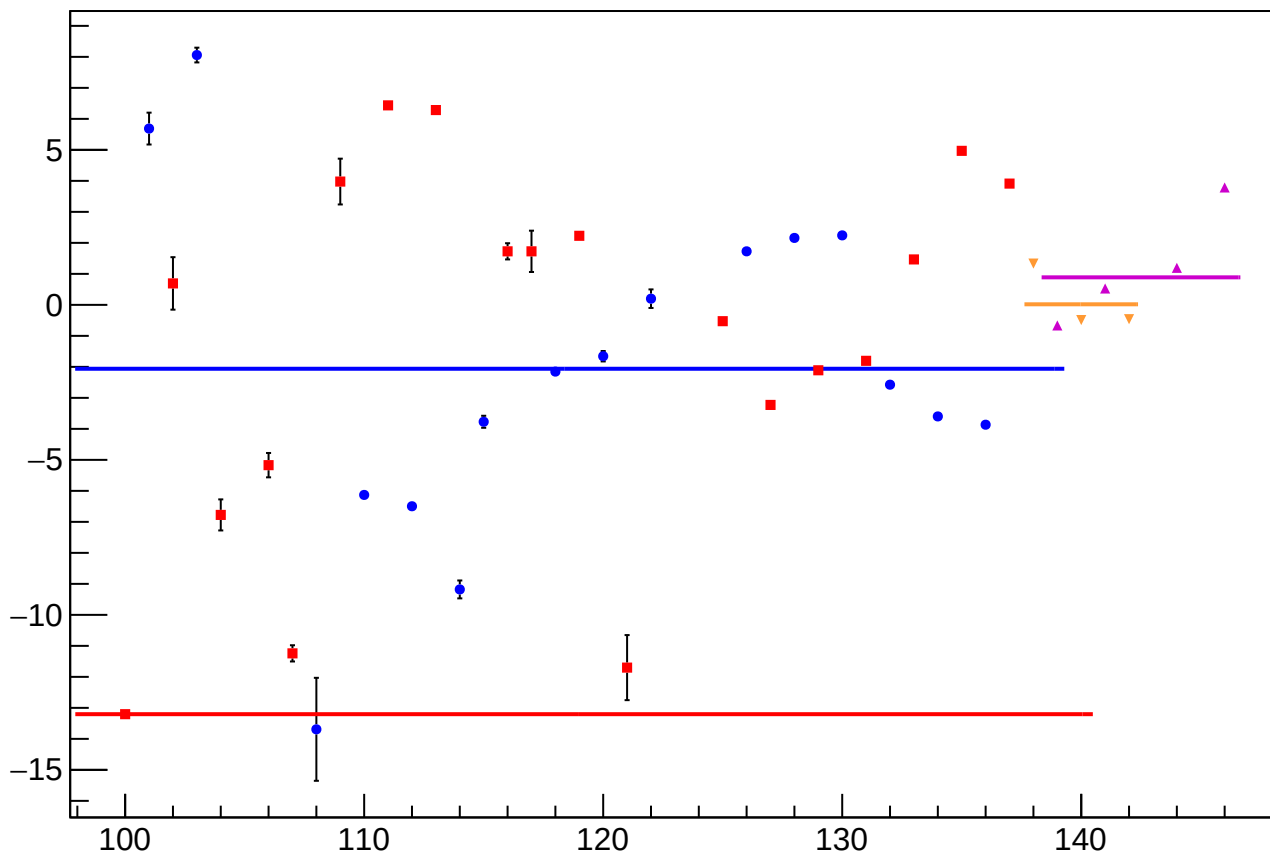
Left In: 53.943 $\pm$ 0.040 χ^2 /NDF: 33221.8/3

-46.126 $\pm$ 0.000 χ^2 /NDF: 258303.6/18

-19.915 $\pm$ 0.000 χ^2 /NDF: 424121047777

28.139 $\pm$ 0.000 χ^2 /NDF: 1198993.9/22

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061 ± 0.018 $\chi^2/\text{NDF}: 25665.1/15$

Left Out: 0.018 ± 0.026 $\chi^2/\text{NDF}: 980.8/2$

Right Out: -13.204 ± 0.000 $\chi^2/\text{NDF}: 510223.0/18$

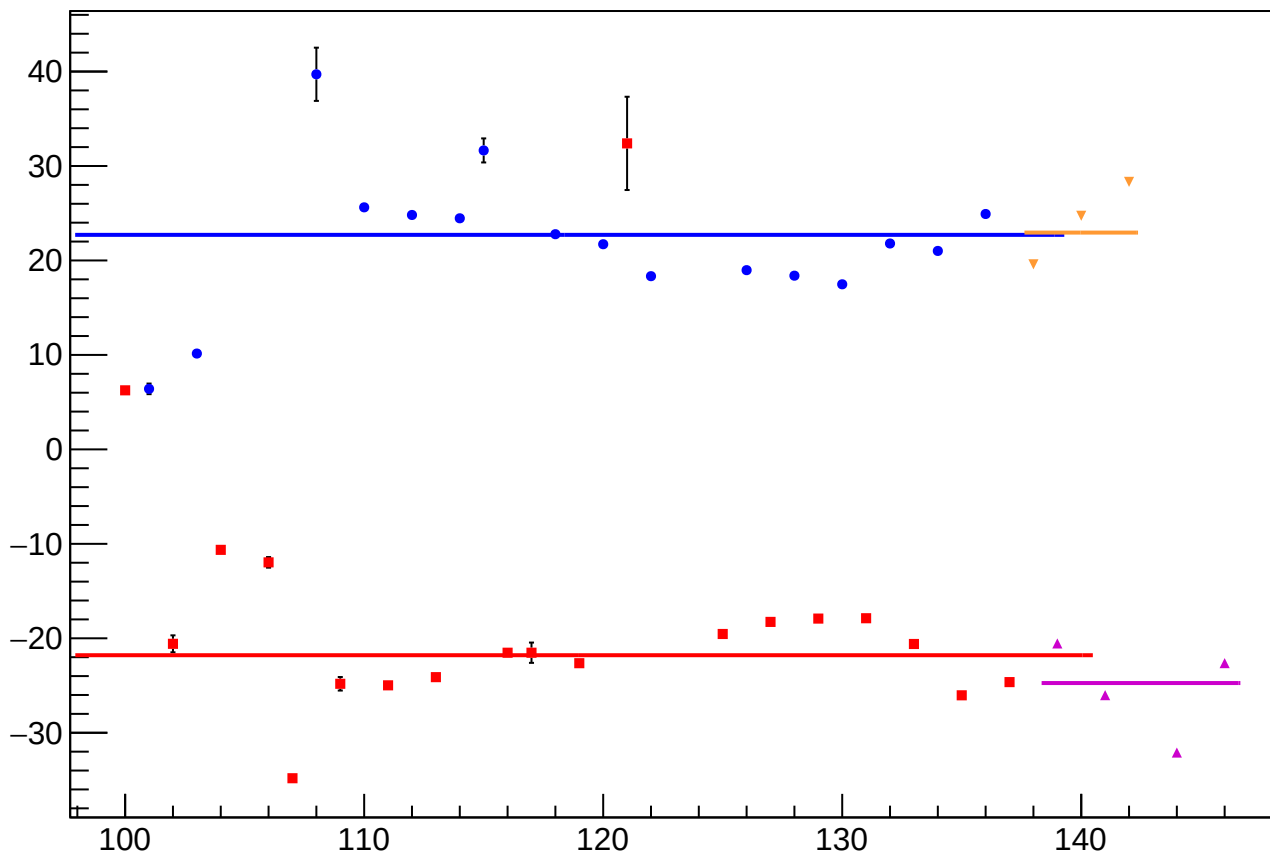
Left In: 0.888 ± 0.020 $\chi^2/\text{NDF}: 4674.9/3$

-1.394 ± 0.015 $\chi^2/\text{NDF}: 31009.1/18$

-13.204 ± 0.000 $\chi^2/\text{NDF}: 1702651.7/41$

-13.204 ± 0.000 $\chi^2/\text{NDF}: 1025564.6/22$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 22.711 ± 0.019 χ^2/NDF : 22767.9/15

Left Out: 22.951 ± 0.046 χ^2/NDF : 4290.1/2

Right Out: -21.790 ± 0.022 χ^2/NDF : 26671.0/18

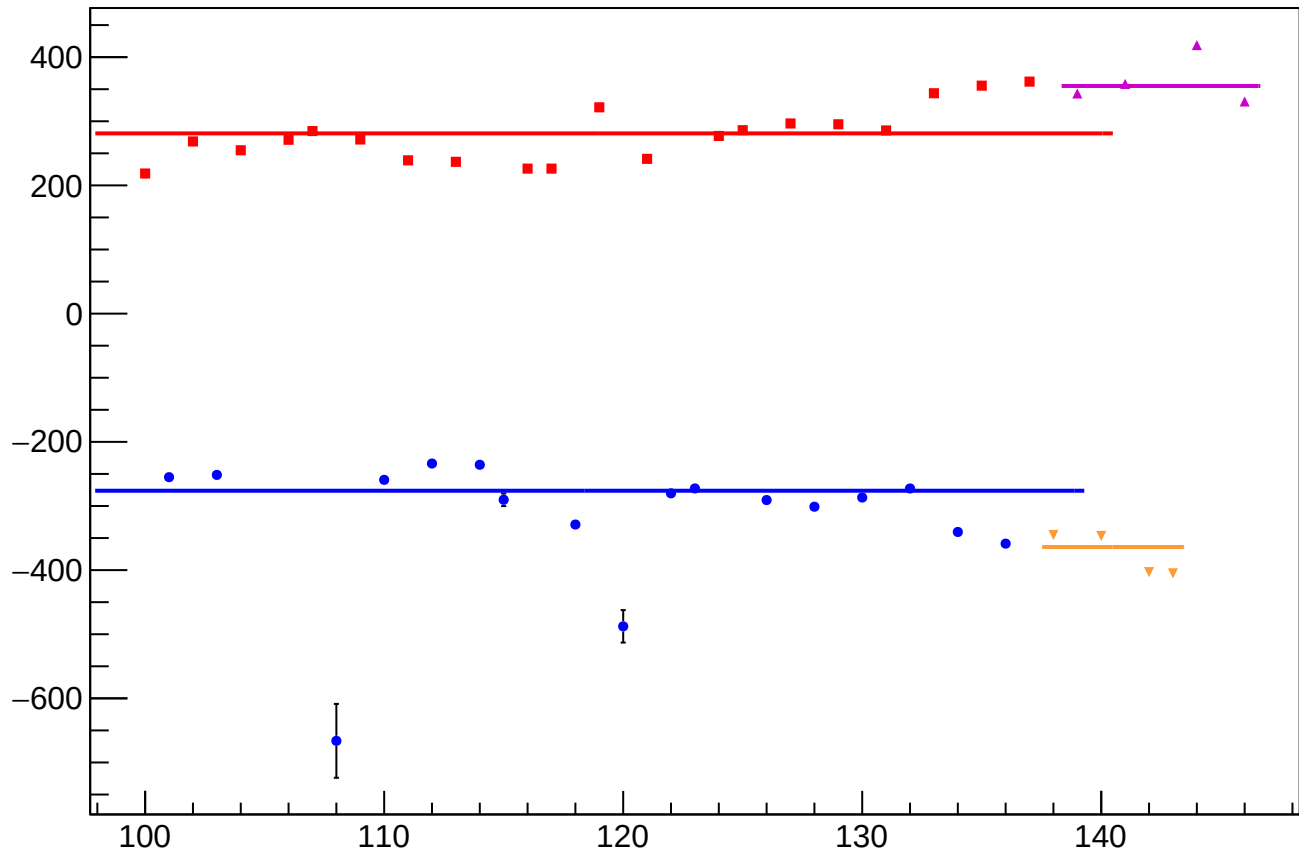
Left In: -24.736 ± 0.035 χ^2/NDF : 8447.9/3

22.745 ± 0.017 χ^2/NDF : 27081.3/18

1.375 ± 0.013 χ^2/NDF : 3275622.4/41

-22.582 ± 0.018 χ^2/NDF : 40160.2/22

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -276.201+/-0.167 χ^2/NDF : 58107.7/16

Left Out: -363.986+/-0.298 χ^2/NDF : 8196.5/3

Right Out: 281.109+/-0.147 χ^2/NDF : 77714.4/19

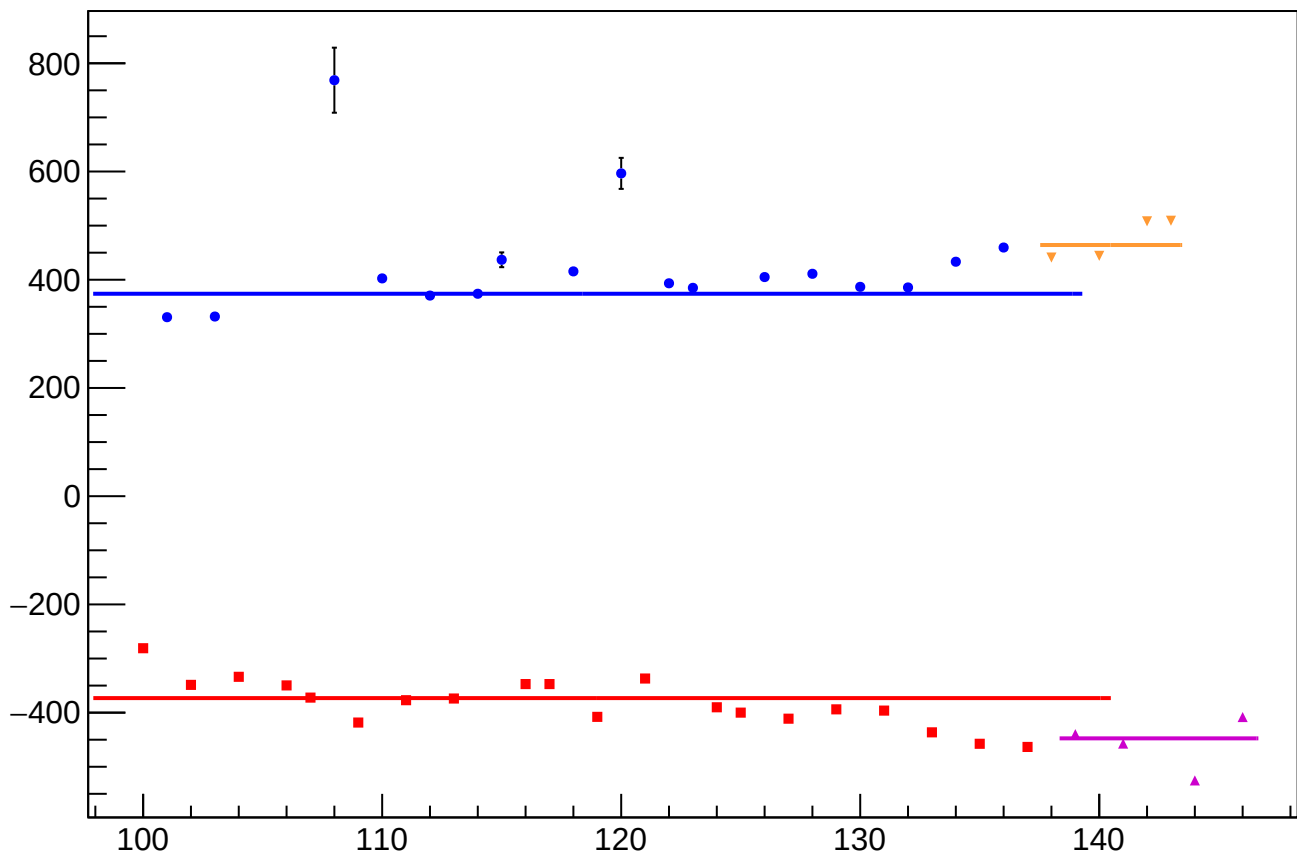
Left In: 355.047+/-0.217 χ^2/NDF : 14527.4/3

-297.067+/-0.145 χ^2/NDF : 132325.0/20

55.827+/-0.093 χ^2/NDF : 10339975.7/44

304.415+/-0.122 χ^2/NDF : 171446.5/23

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094+/-0.000 χ^2/NDF : 35072.0/16

Left Out: 464.177+/-0.319 χ^2/NDF : 9468.7/3

Right Out: -373.121+/-0.158 χ^2/NDF : 108233.2/19

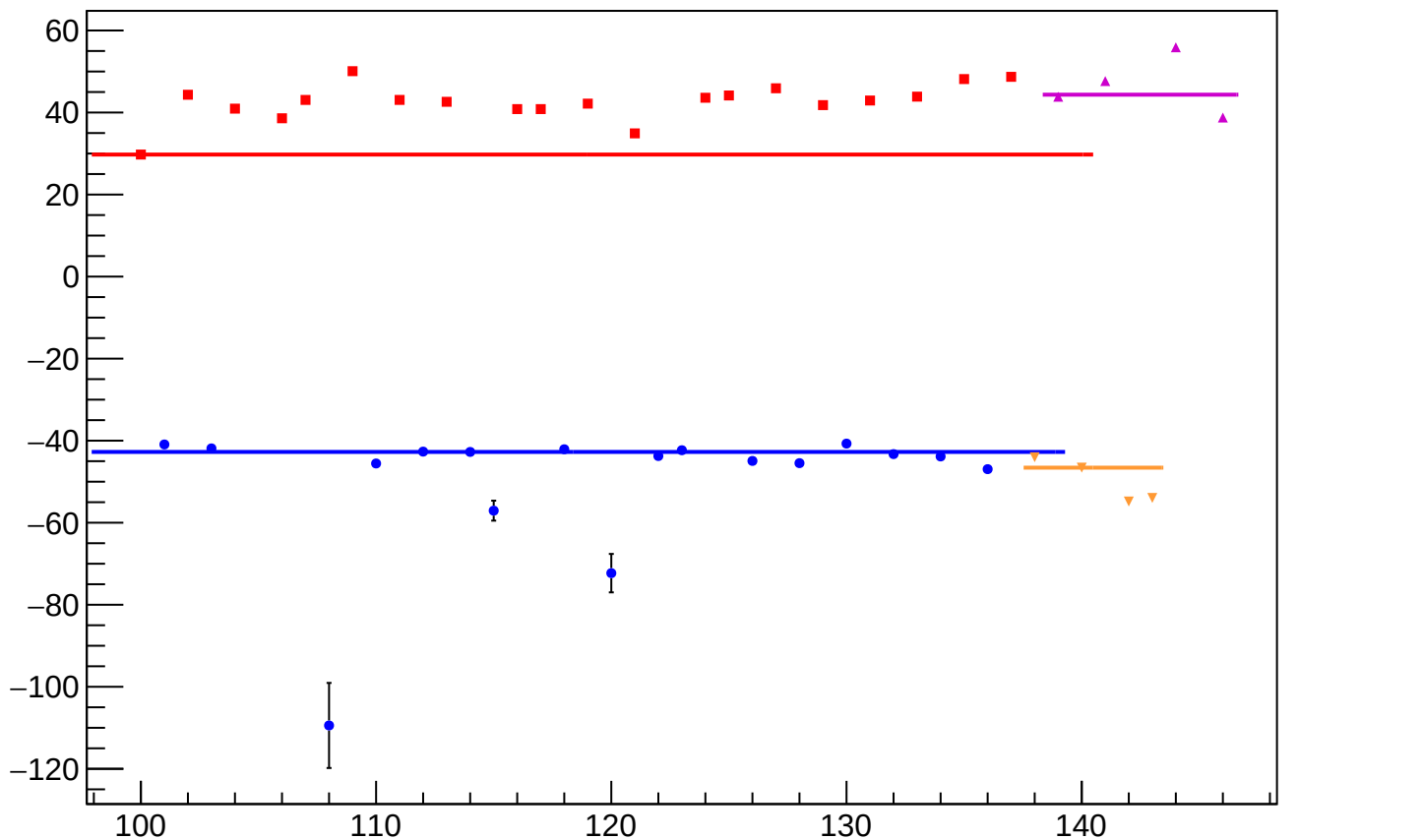
Left In: -447.522+/-0.229 χ^2/NDF : 19471.8/3

374.094+/-0.000 χ^2/NDF : 124085.7/20

374.094+/-0.000 χ^2/NDF : 35473227.4/44

-397.042+/-0.130 χ^2/NDF : 199083.2/23

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -46.582 $\pm$ 0.020 χ^2 /NDF:40324.4/3

Right Out: 29.754 $\pm$ 0.000 χ^2 /NDF: 484074.9/19

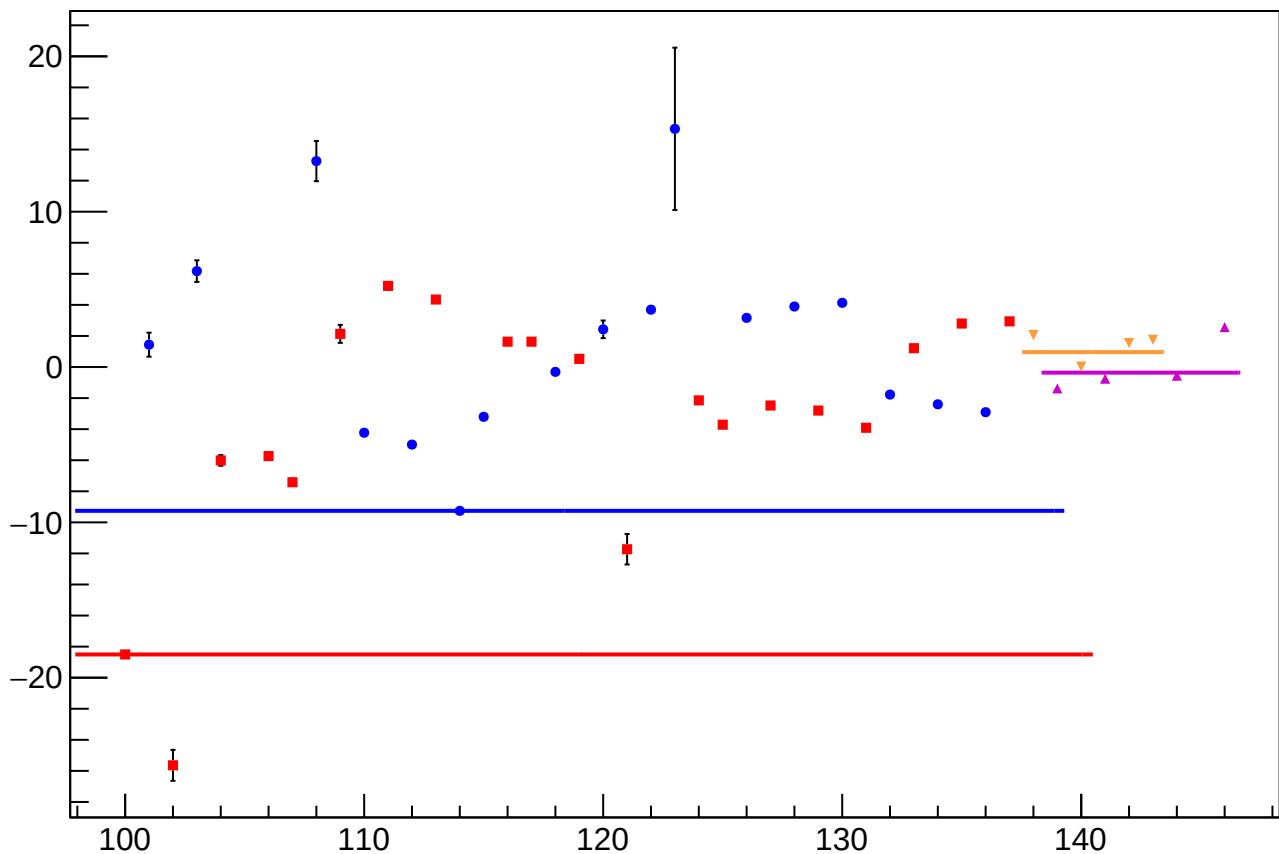
Left In: 44.352 $\pm$ 0.020 χ^2 /NDF:31099.1/3

-42.744 $\pm$ 0.000 χ^2 /NDF: 89255.0/20

-17.157 $\pm$ 0.000 χ^2 /NDF: 404170008922

29.754 $\pm$ 0.000 χ^2 /NDF: 1050680.4/23

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Left Out: 0.961 ± 0.018 χ^2/NDF : 2651.8/3

Right Out: -18.504 ± 0.000 χ^2/NDF : 7585770.7/19

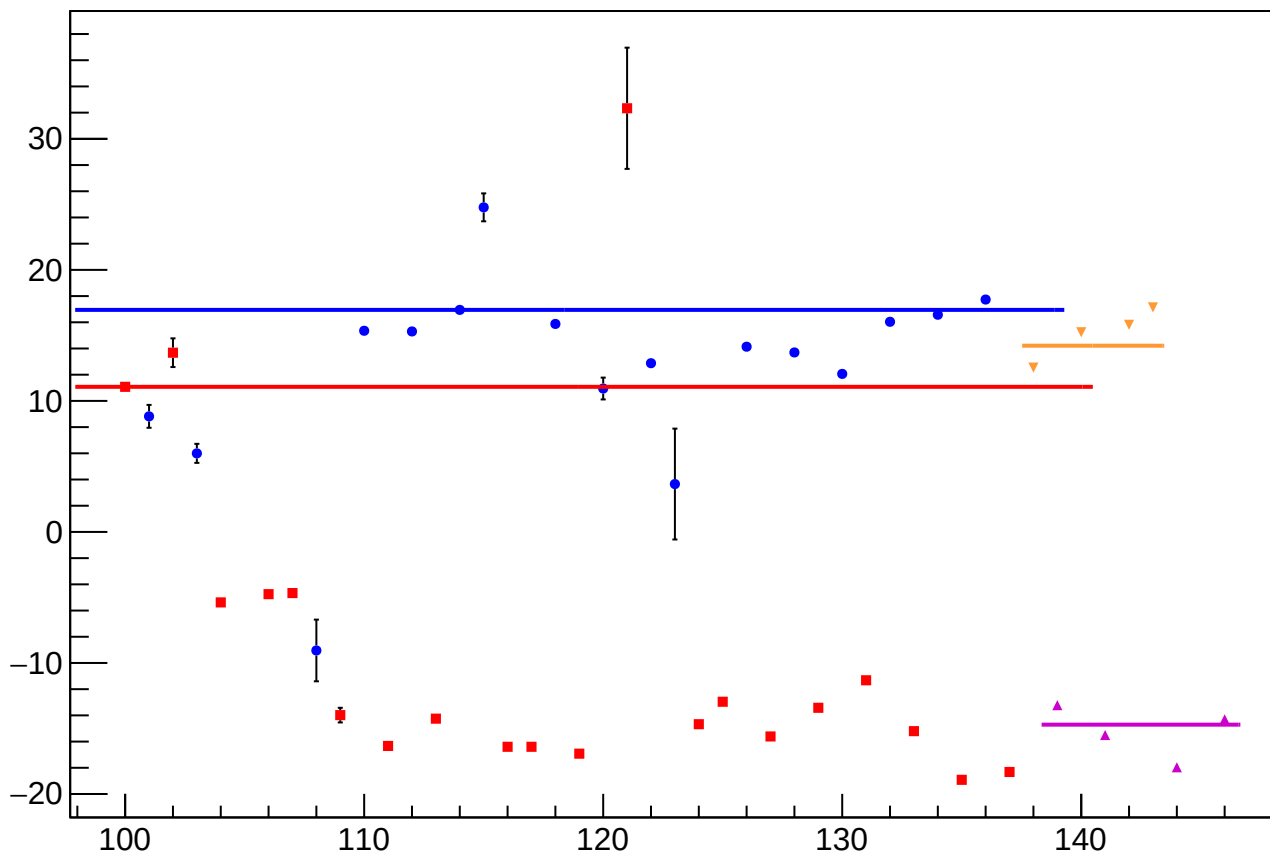
Left In: -0.361 ± 0.018 χ^2/NDF : 4657.7/3

-9.259 ± 0.000 χ^2/NDF : 720965.4/20

-14.353 ± 0.000 χ^2/NDF : 1824444798170

-18.504 ± 0.000 χ^2/NDF : 8661636.5/23

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.947 $\pm$ 0.000 χ^2/NDF : 11231.8/16

Left Out: 14.212 $\pm$ 0.020 χ^2/NDF : 7188.0/3

Right Out: 11.075 $\pm$ 0.000 χ^2/NDF : 2859461.1/19

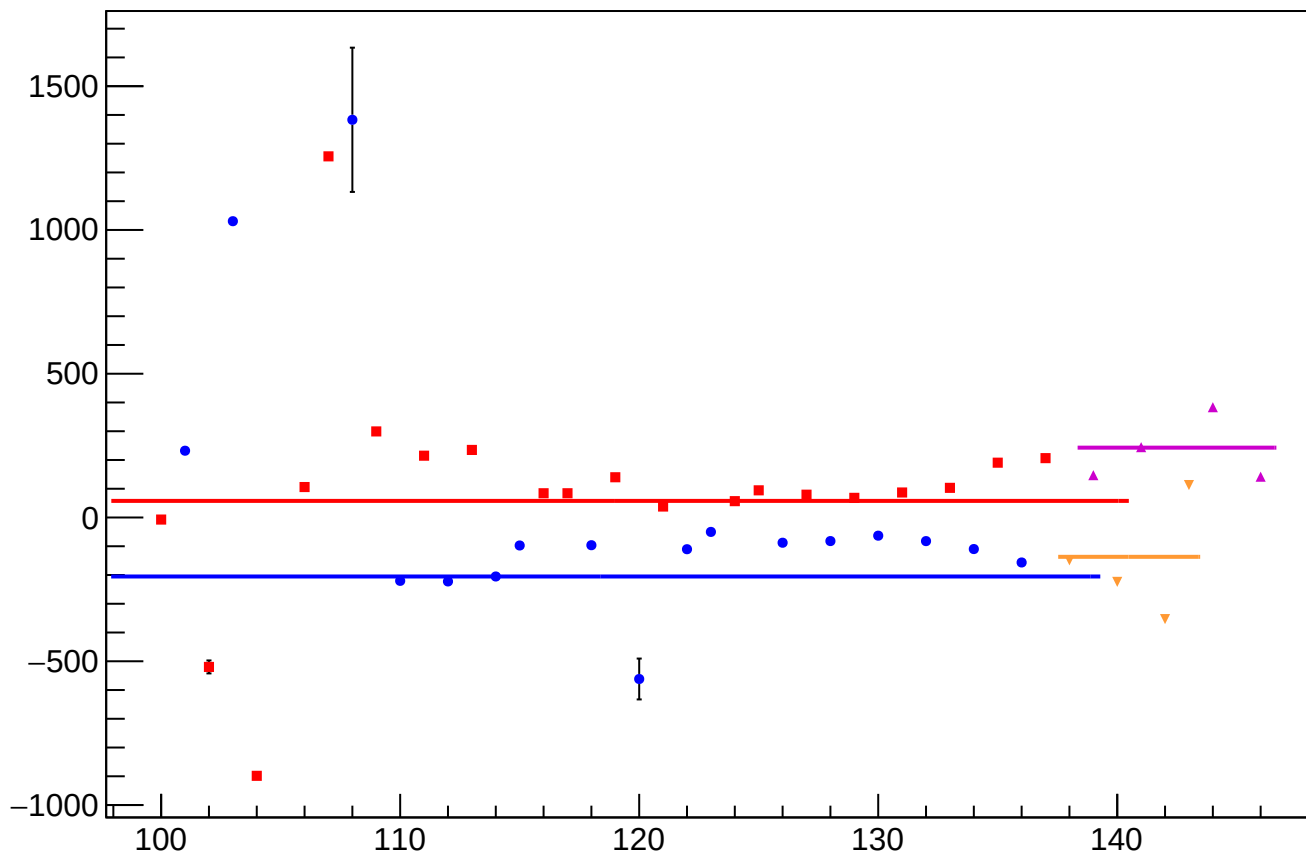
Left In: -14.708 $\pm$ 0.026 χ^2/NDF : 3146.2/3

16.947 $\pm$ 0.000 χ^2/NDF : 36806.8/20

12.920 $\pm$ 0.000 χ^2/NDF : 2060373135247

11.075 $\pm$ 0.000 χ^2/NDF : 3875448.4/23

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -205.160 ± 0.000 χ^2/NDF : 582775.6/16

Left Out: -136.767 ± 0.555 χ^2/NDF : 37626.6/3

Right Out: 57.737 ± 0.283 χ^2/NDF : 114872.3/19

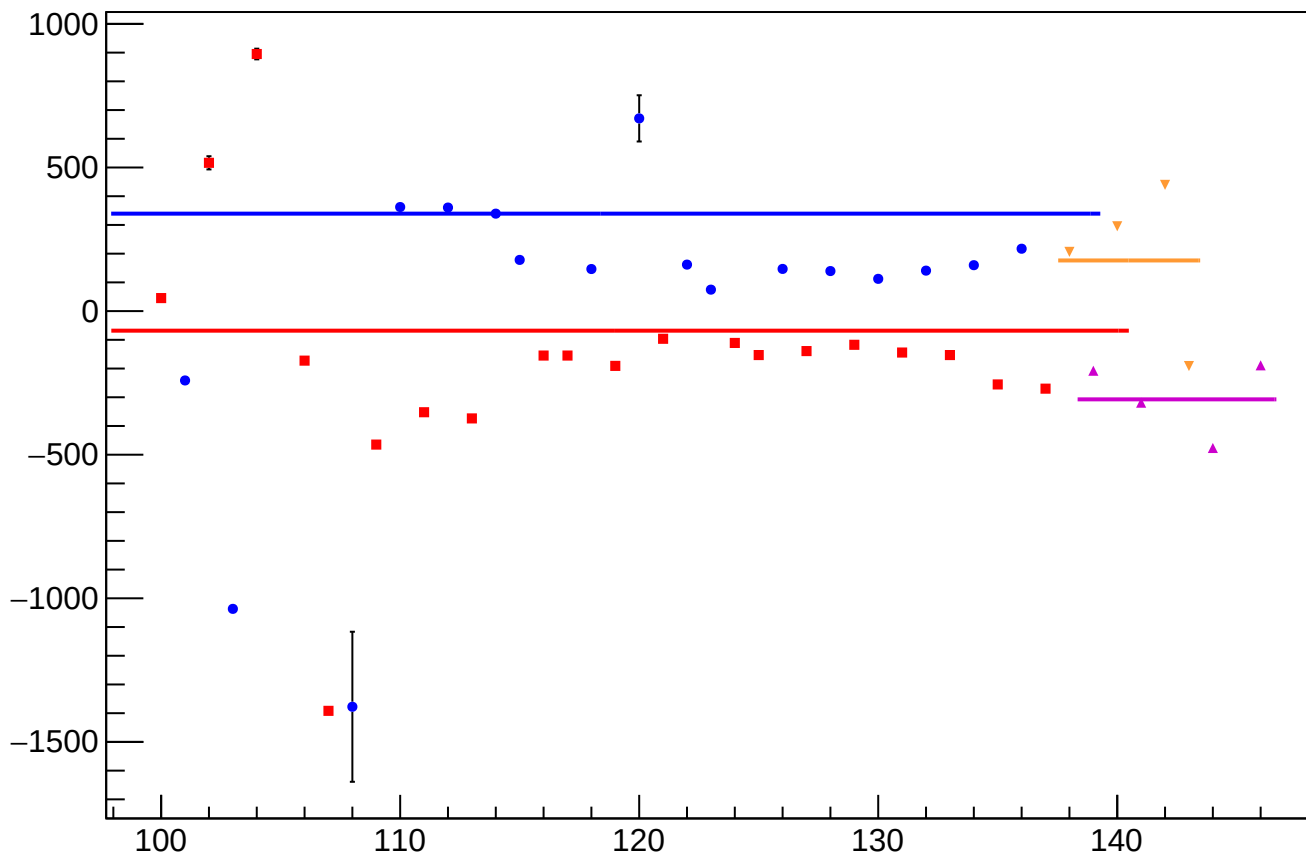
Left In: 242.908 ± 0.690 χ^2/NDF : 17723.8/3

-205.160 ± 0.000 χ^2/NDF : 635577.7/20

-205.160 ± 0.000 χ^2/NDF : 2052540.9/44

84.420 ± 0.262 χ^2/NDF : 194258.4/23

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325 ± 0.000 $\chi^2/\text{NDF}: 1030606.3/16$

Left Out: 176.347 ± 0.570 $\chi^2/\text{NDF}: 73227.7/3$

Right Out: -68.121 ± 0.286 $\chi^2/\text{NDF}: 272433.9/19$

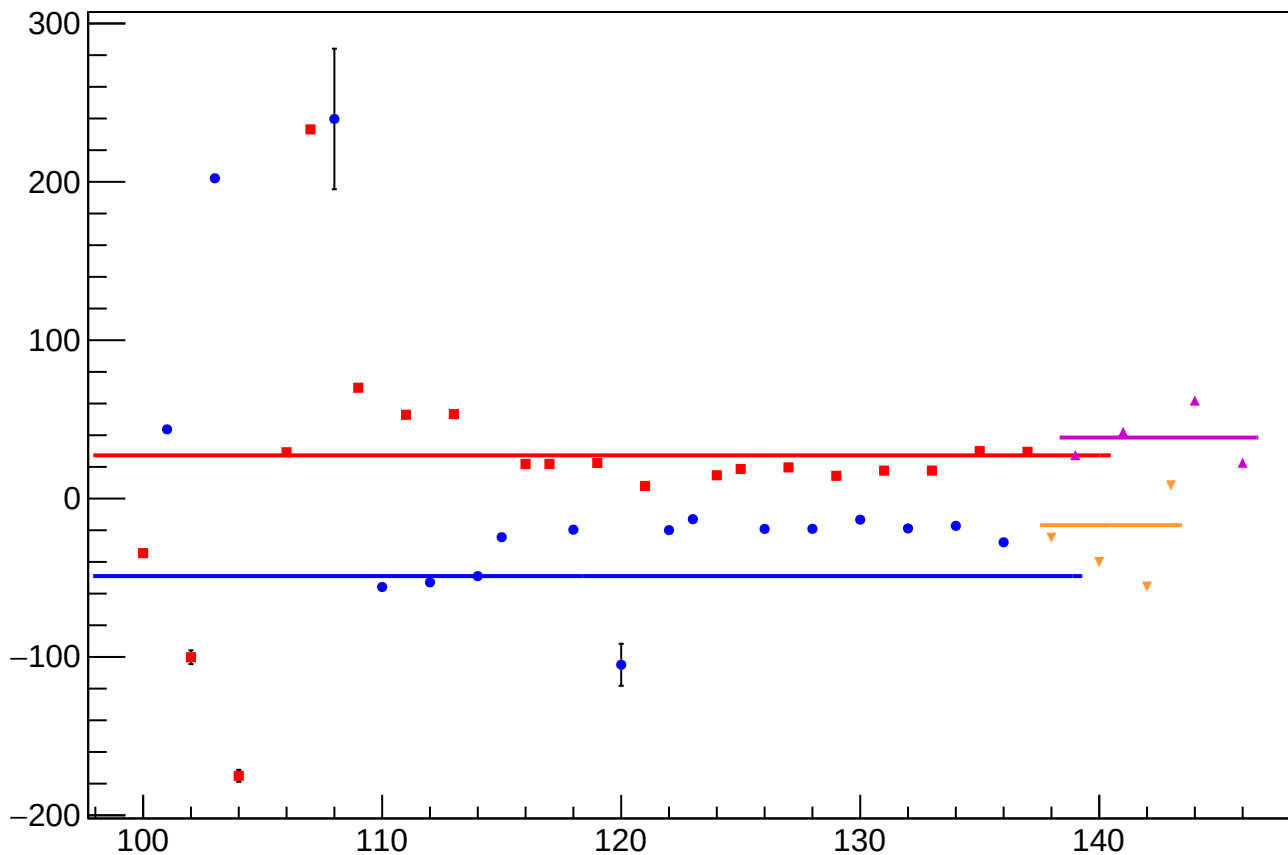
Left In: -307.291 ± 0.742 $\chi^2/\text{NDF}: 19087.7/3$

339.325 ± 0.000 $\chi^2/\text{NDF}: 1185625.1/20$

339.325 ± 0.000 $\chi^2/\text{NDF}: 4268269.7/44$

-99.077 ± 0.267 $\chi^2/\text{NDF}: 382087.6/23$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5408370.4/16$

Left Out: -16.798 ± 0.021 $\chi^2/\text{NDF}: 523378.7/3$

Right Out: 27.292 ± 0.052 $\chi^2/\text{NDF}: 167901.6/19$

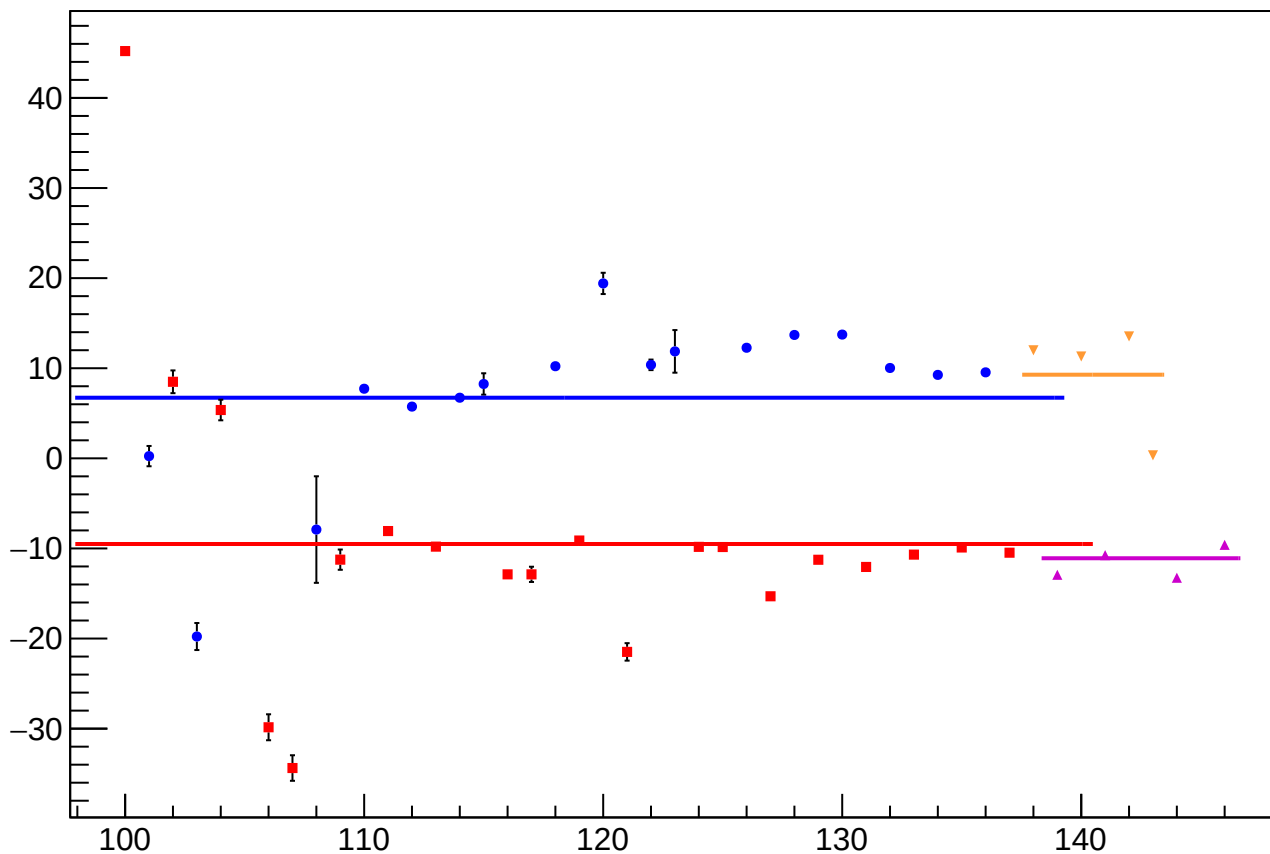
Left In: 38.538 ± 0.059 $\chi^2/\text{NDF}: 27812.1/3$

-48.945 ± 0.000 $\chi^2/\text{NDF}: 8260706.1/20$

-48.945 ± 0.000 $\chi^2/\text{NDF}: 12802743.6/44$

32.131 ± 0.039 $\chi^2/\text{NDF}: 216114.9/23$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728+/-0.000 χ^2/NDF : 13749.2/16

Left Out: 9.282+/-0.037 χ^2/NDF : 19978.9/3

Right Out: -9.508+/-0.036 χ^2/NDF : 26838.0/19

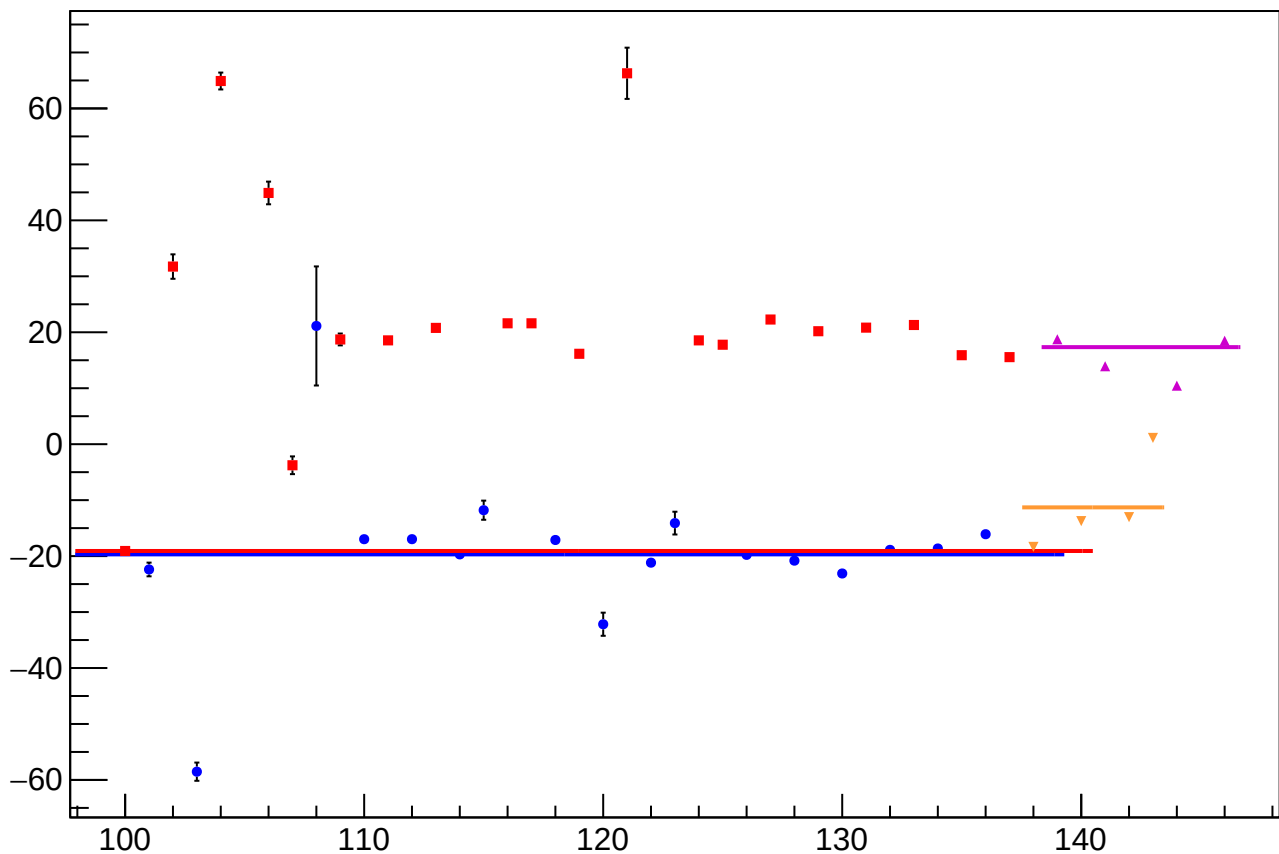
Left In: -11.090+/-0.035 χ^2/NDF : 1983.5/3

6.728+/-0.000 χ^2/NDF : 38550.9/20

6.728+/-0.000 χ^2/NDF : 530559.5/44

-10.305+/-0.025 χ^2/NDF : 29817.7/23

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -19.693+/-0.000 χ^2/NDF : 7579.0/16

Left Out: -11.294+/-0.051 χ^2/NDF : 16785.0/3

Right Out: -19.086+/-0.000 χ^2/NDF : 614503.5/19

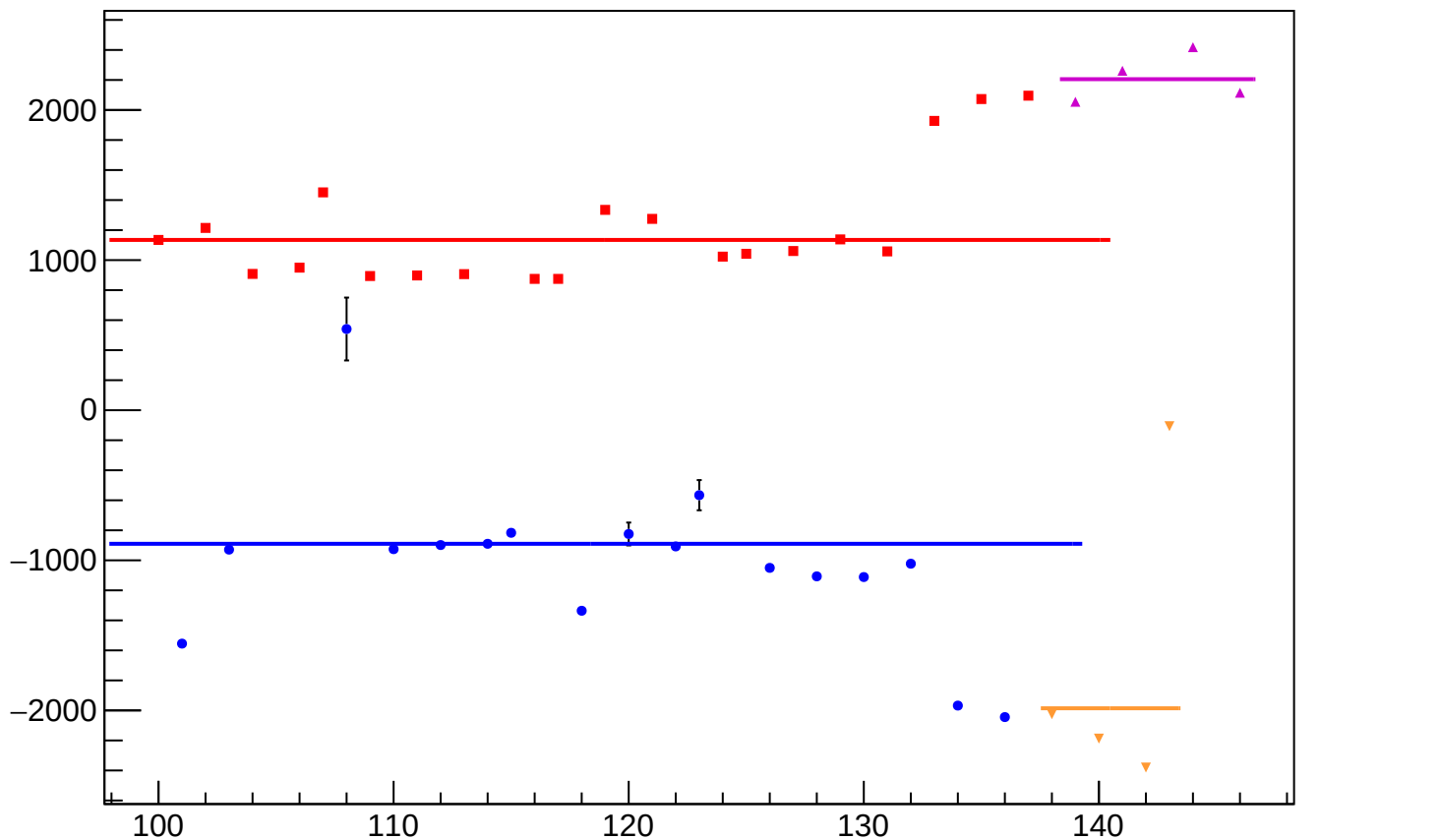
Left In: 17.343+/-0.043 χ^2/NDF : 3468.0/3

-19.693+/-0.000 χ^2/NDF : 51285.9/20

-19.479+/-0.000 χ^2/NDF : 113264166208

-19.086+/-0.000 χ^2/NDF : 1331112.3/23

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928 ± 0.000 $\chi^2/\text{NDF}: 775896.0/16$

Left Out: -1985.678 ± 1.233 $\chi^2/\text{NDF}: 239758.7/3$

Right Out: 1134.421 ± 0.000 $\chi^2/\text{NDF}: 735976.1/19$

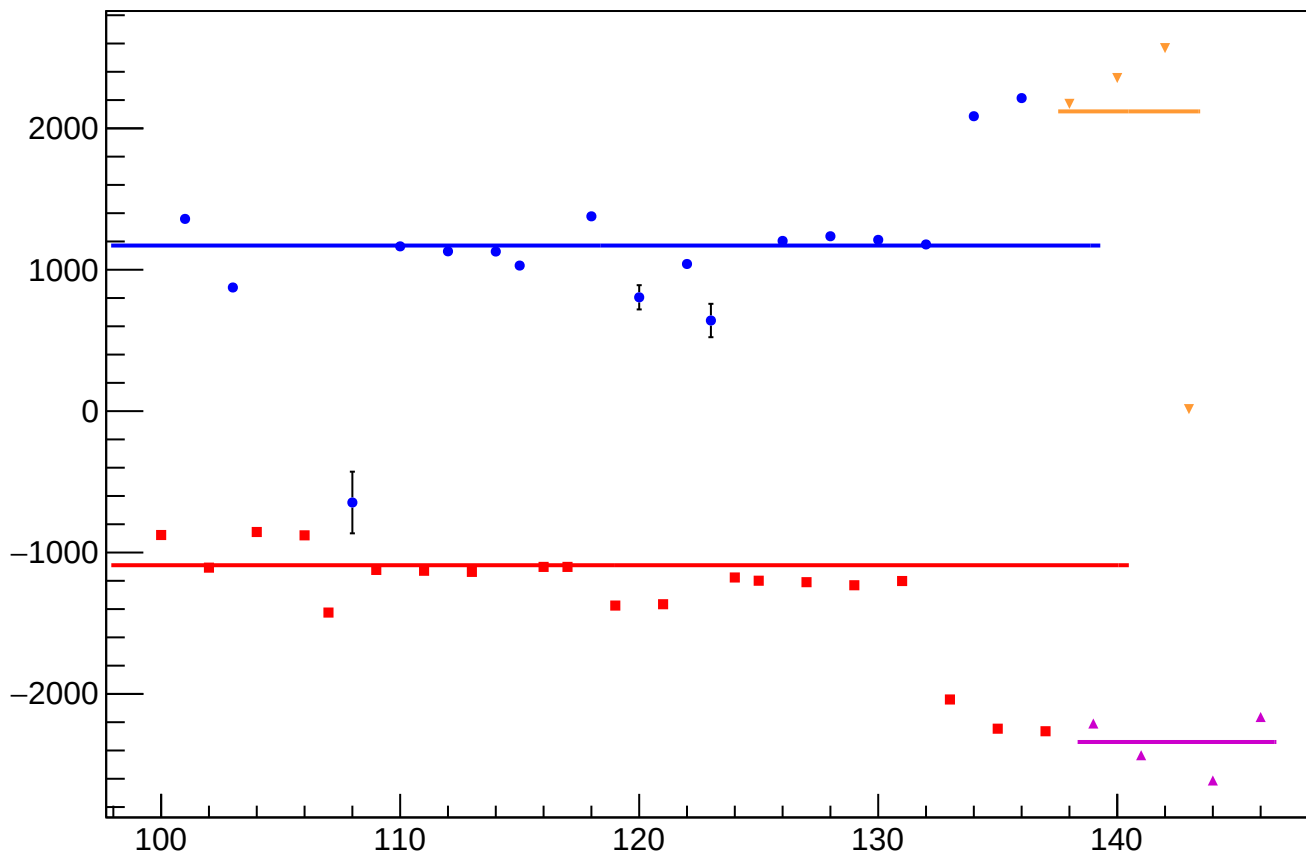
Left In: 2205.327 ± 1.003 $\chi^2/\text{NDF}: 21098.6/3$

-889.928 ± 0.000 $\chi^2/\text{NDF}: 1806001.9/20$

-175.452 ± 0.000 $\chi^2/\text{NDF}: 30774122941$

1134.421 ± 0.000 $\chi^2/\text{NDF}: 1897789.1/23$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188 ± 0.245 χ^2/NDF : 508989.2/16

Left Out: 2119.929 ± 1.264 χ^2/NDF : 289384.7/3

Right Out: -1089.717 ± 0.253 χ^2/NDF : 1100324.0/19

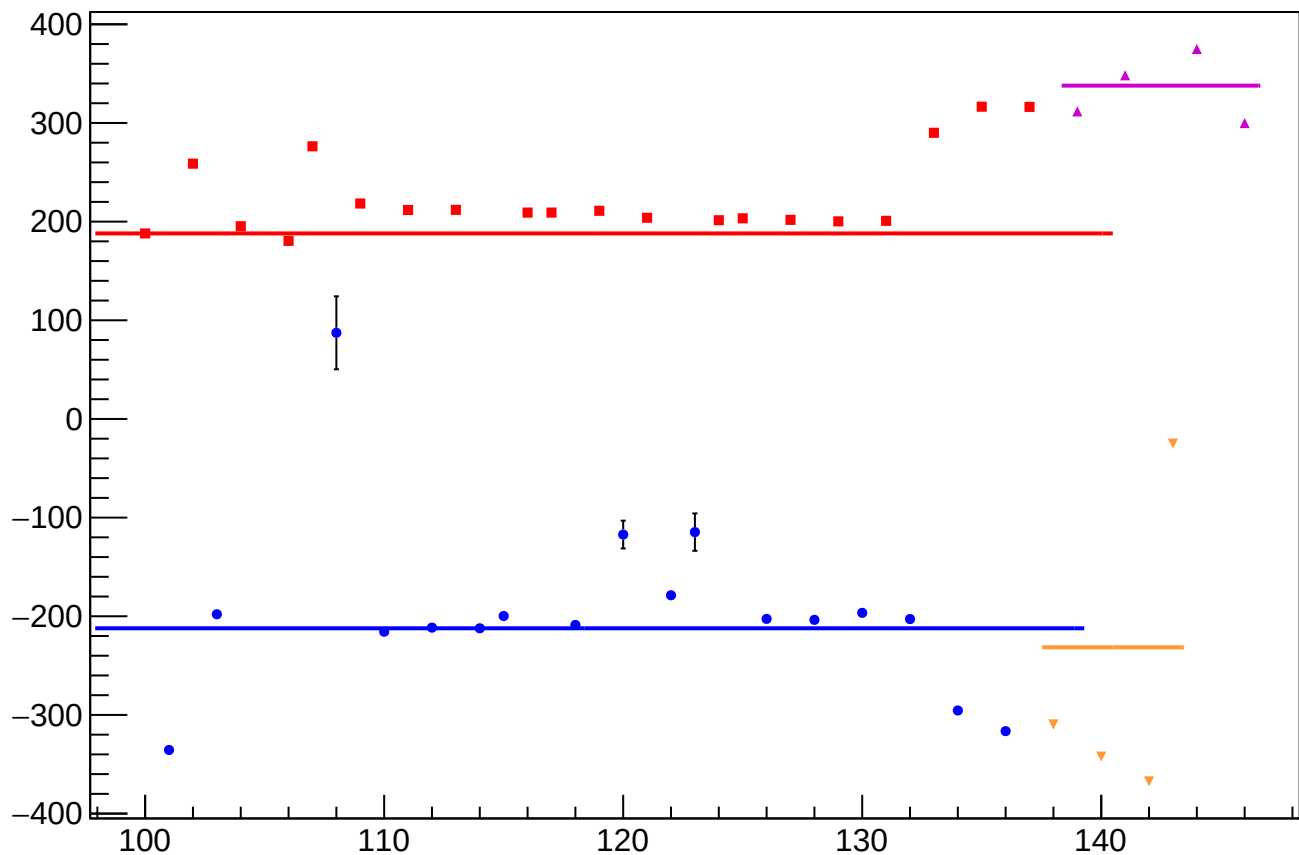
Left In: -2339.899 ± 1.085 χ^2/NDF : 26041.7/3

1205.651 ± 0.241 χ^2/NDF : 1341434.8/20

53.693 ± 0.172 χ^2/NDF : 50583874.5/44

-1154.374 ± 0.247 χ^2/NDF : 2386113.9/23

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190+/-0.000 χ^2 /NDF: 1149195.1/16

Left Out: -231.429+/-0.060 χ^2 /NDF: 4887561.6/3

Right Out: 188.033+/-0.000 χ^2 /NDF: 602532.6/19

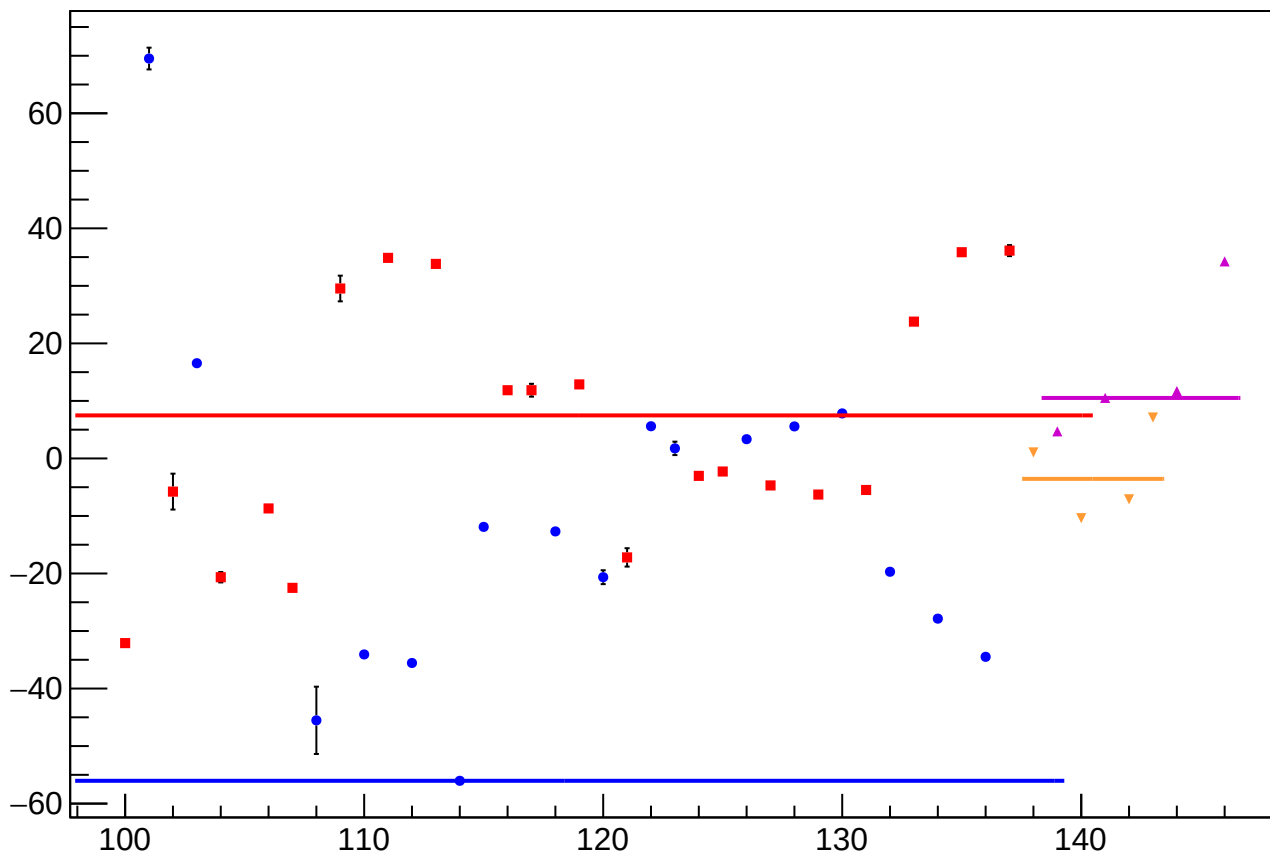
Left In: 337.838+/-0.094 χ^2 /NDF: 53410.7/3

-212.190+/-0.000 χ^2 /NDF: 6140587.0/20

62.249+/-0.000 χ^2 /NDF: 3739212703286

188.033+/-0.000 χ^2 /NDF: 3206268.4/23

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037 ± 0.000 $\chi^2/\text{NDF}: 1585420.7/16$

Left Out: -3.550 ± 0.093 $\chi^2/\text{NDF}: 7135.8/3$

Right Out: 7.483 ± 0.042 $\chi^2/\text{NDF}: 173909.3/19$

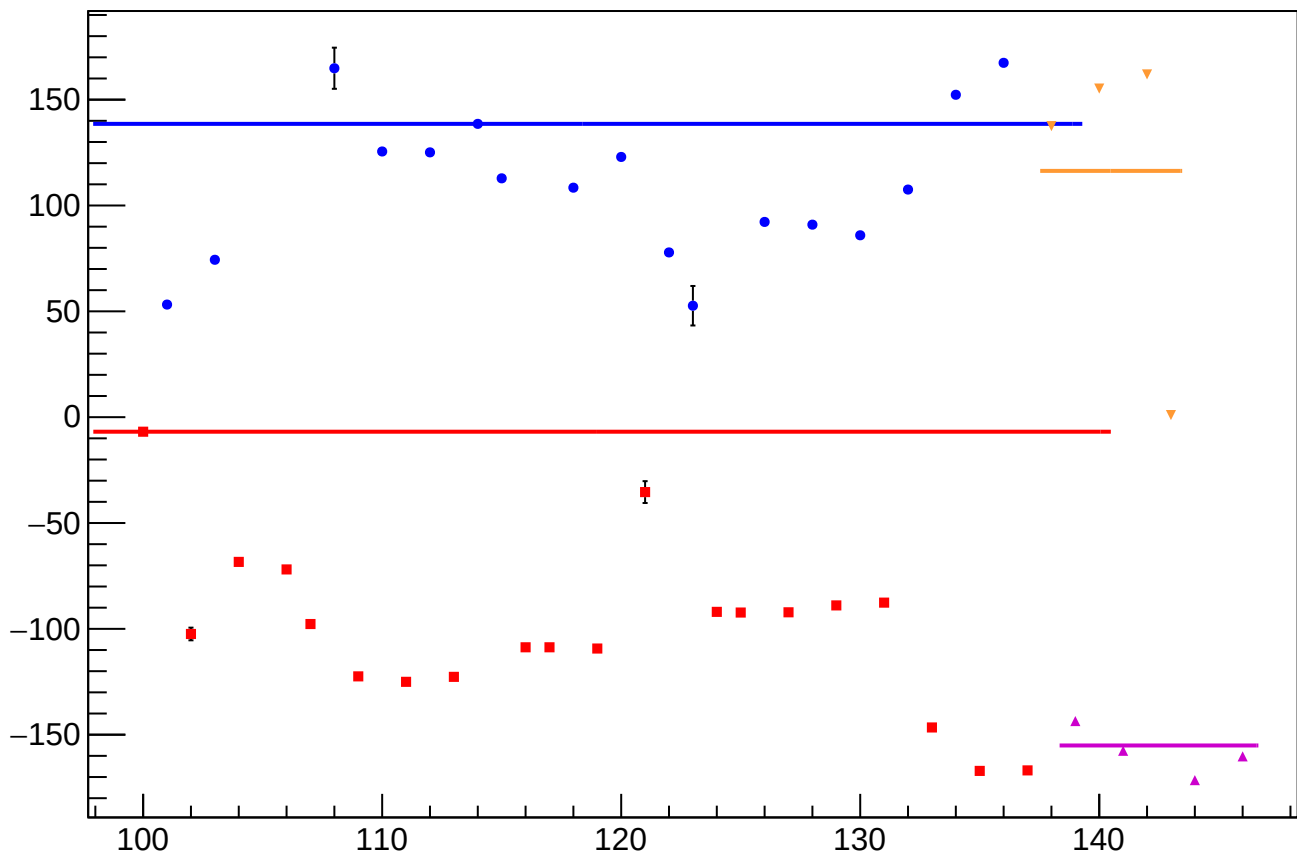
Left In: 10.516 ± 0.074 $\chi^2/\text{NDF}: 5975.0/3$

-56.037 ± 0.000 $\chi^2/\text{NDF}: 1907892.4/20$

-56.037 ± 0.000 $\chi^2/\text{NDF}: 5162434.7/44$

8.222 ± 0.037 $\chi^2/\text{NDF}: 181146.6/23$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 138.565+/-0.000 χ^2/NDF : 901159.7/16

Left Out: 116.349+/-0.130 χ^2/NDF : 255259.2/3

Right Out: -6.866+/-0.000 χ^2/NDF : 8049995.3/19

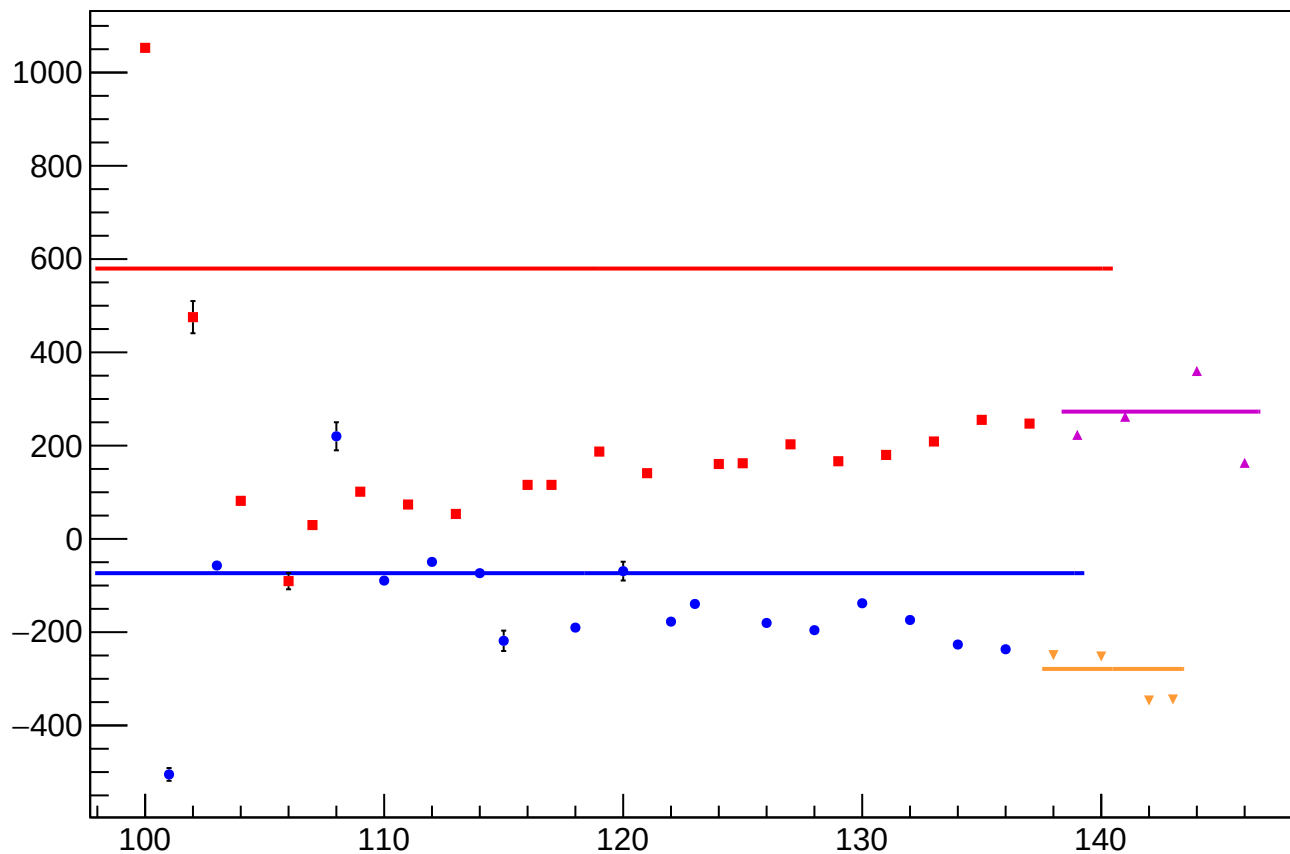
Left In: -155.093+/-0.091 χ^2/NDF : 7625.0/3

138.565+/-0.000 χ^2/NDF : 1185775.4/20

-6.606+/-0.000 χ^2/NDF : 2874933987256

-6.866+/-0.000 χ^2/NDF : 10689038.5/23

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485+/-0.000 χ^2/NDF : 98703.2/16

Left Out: -278.819+/-0.494 χ^2/NDF : 7681.7/3

Right Out: 579.681+/-0.261 χ^2/NDF : 3035573.4/19

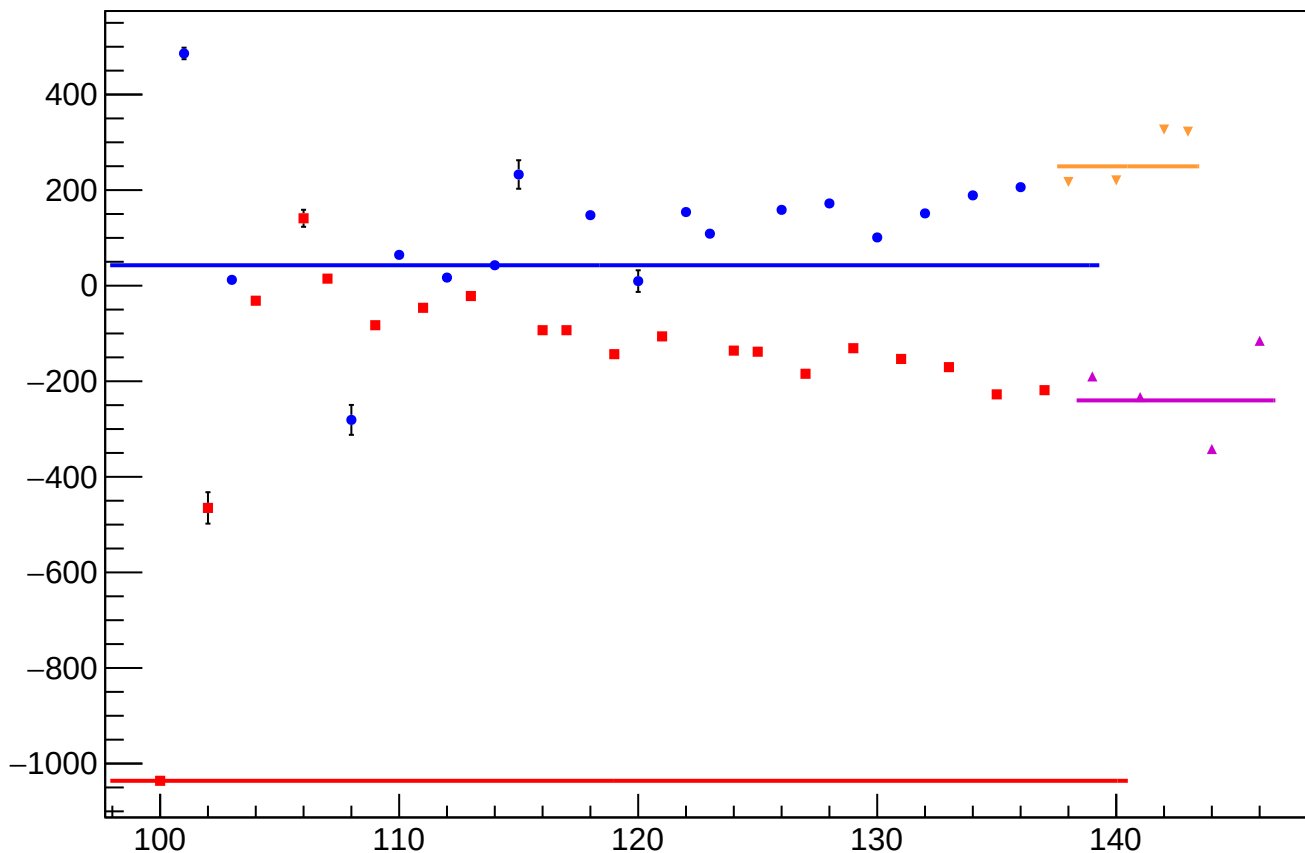
Left In: 272.898+/-0.529 χ^2/NDF : 12204.1/3

-73.485+/-0.000 χ^2/NDF : 279412.9/20

-73.485+/-0.000 χ^2/NDF : 10028766.0/44

519.771+/-0.234 χ^2/NDF : 3318041.0/23

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 249.702+/-0.515 χ^2/NDF : 8736.8/3

Right Out: -1036.068+/-0.000 χ^2/NDF : 4943495.9/19

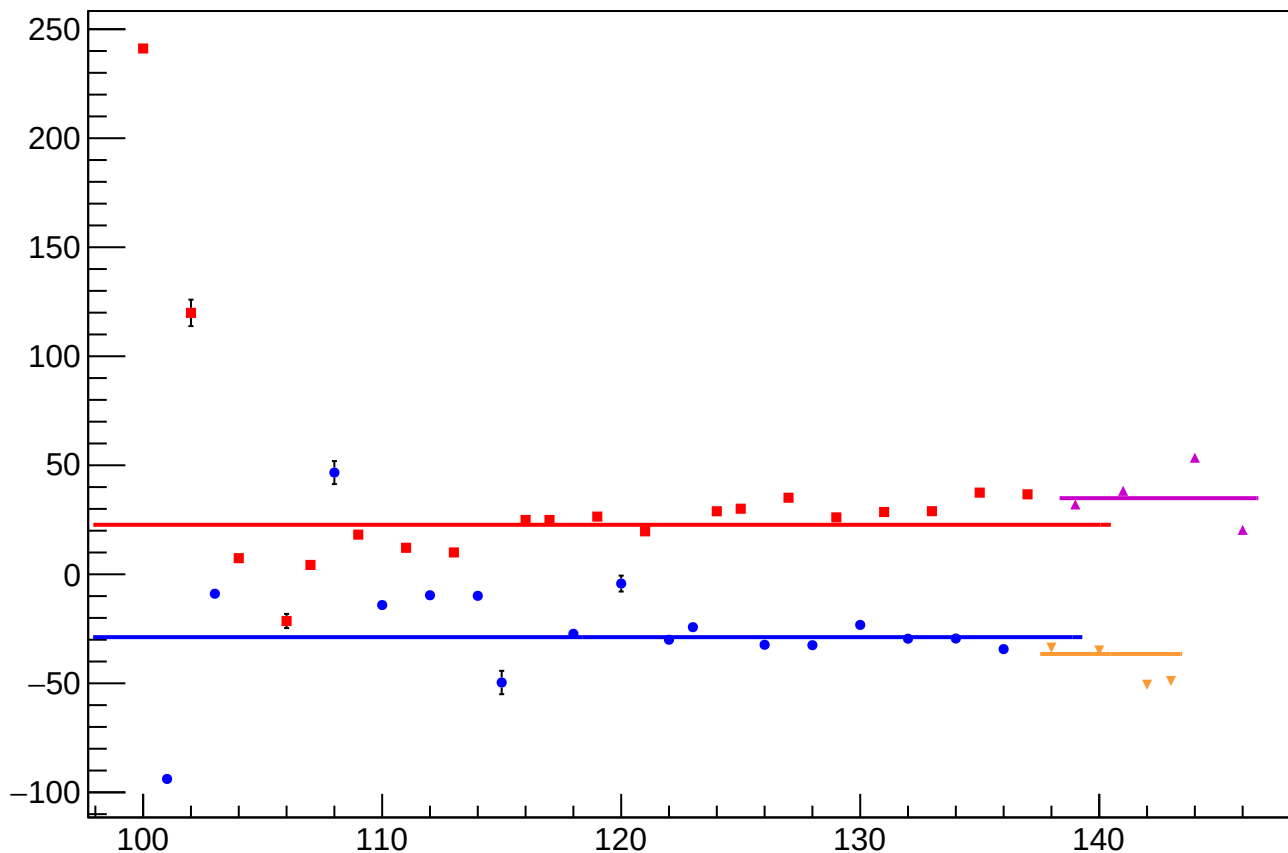
Left In: -240.072+/-0.557 χ^2/NDF : 13608.8/3

42.743+/-0.000 χ^2/NDF : 254899.8/20

42.169+/-0.000 χ^2/NDF : 1349990775639

-1036.068+/-0.000 χ^2/NDF : 6997804.4/23

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822 ± 0.035 $\chi^2/\text{NDF}: 49503.4/16$

Left Out: -36.529 ± 0.032 $\chi^2/\text{NDF}: 34015.6/3$

Right Out: 22.709 ± 0.038 $\chi^2/\text{NDF}: 410178.0/19$

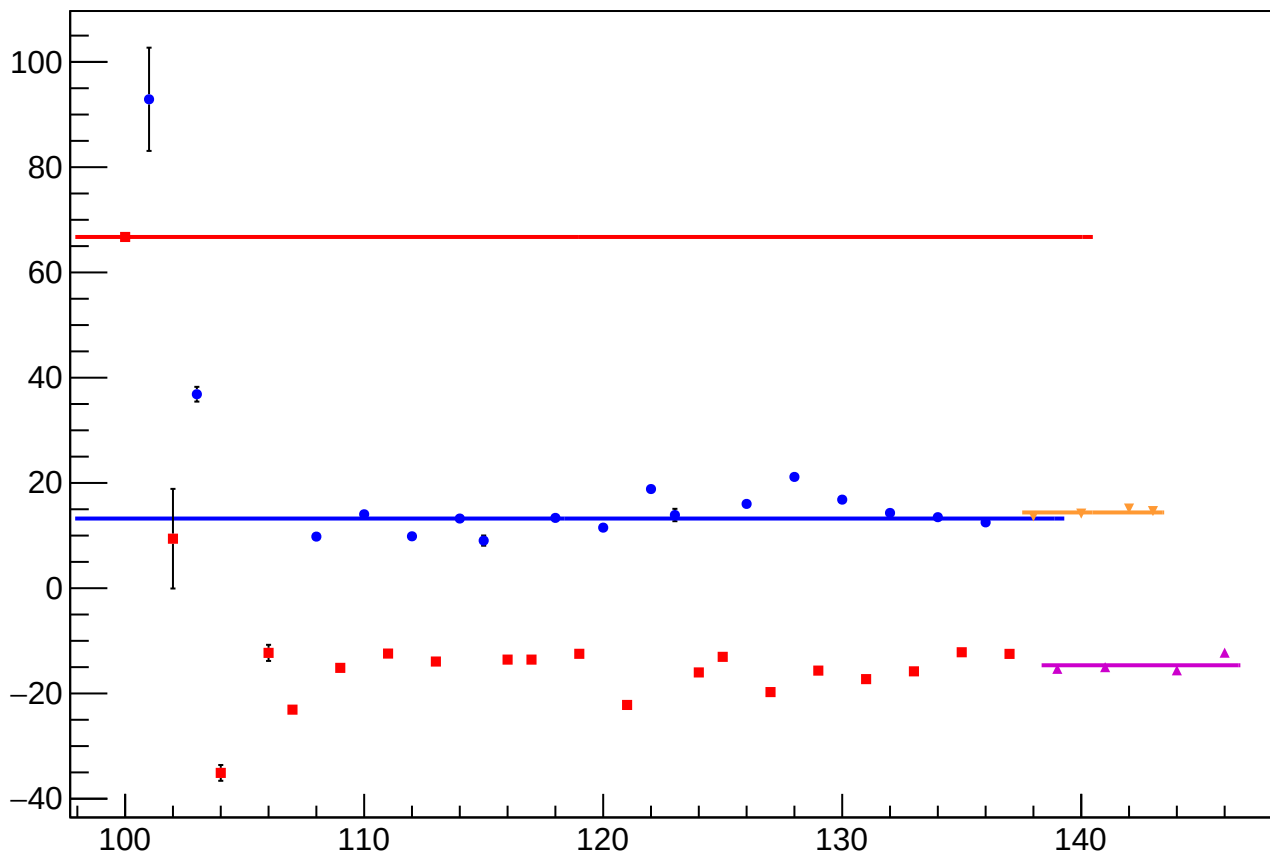
Left In: 34.918 ± 0.041 $\chi^2/\text{NDF}: 29048.4/3$

-32.955 ± 0.024 $\chi^2/\text{NDF}: 109907.0/20$

-7.495 ± 0.018 $\chi^2/\text{NDF}: 3382086.5/44$

28.290 ± 0.028 $\chi^2/\text{NDF}: 486251.4/23$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238 ± 0.000 $\chi^2/\text{NDF}: 5756.1/16$

Left Out: 14.393 ± 0.038 $\chi^2/\text{NDF}: 102.8/3$

Right Out: 66.739 ± 0.000 $\chi^2/\text{NDF}: 3031217.4/19$

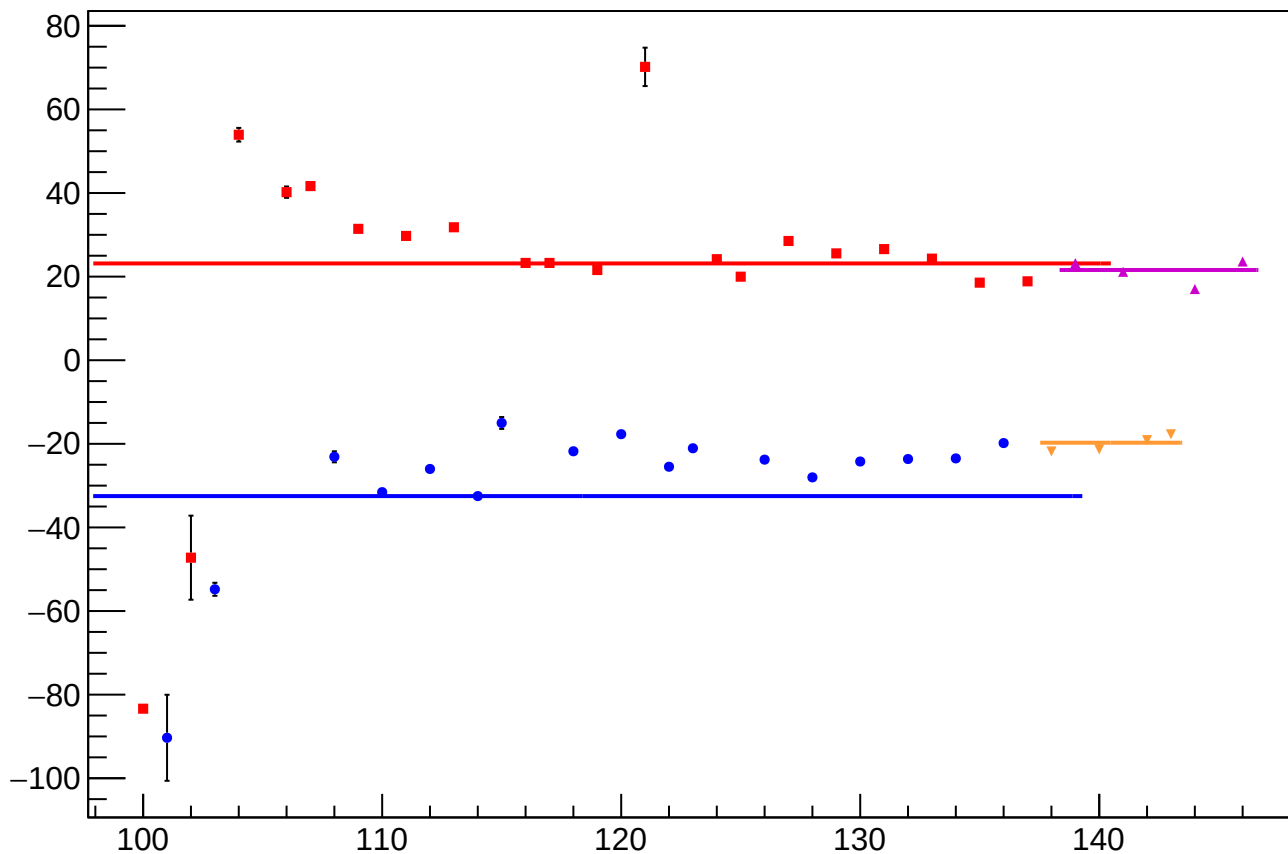
Left In: -14.643 ± 0.032 $\chi^2/\text{NDF}: 1551.7/3$

13.238 ± 0.000 $\chi^2/\text{NDF}: 6768.0/20$

13.690 ± 0.000 $\chi^2/\text{NDF}: 8432486222043$

66.739 ± 0.000 $\chi^2/\text{NDF}: 9325502.1/23$

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -19.735 ± 0.045 χ^2/NDF : 1613.5/3

Right Out: 23.151 ± 0.048 χ^2/NDF : 90749.4/19

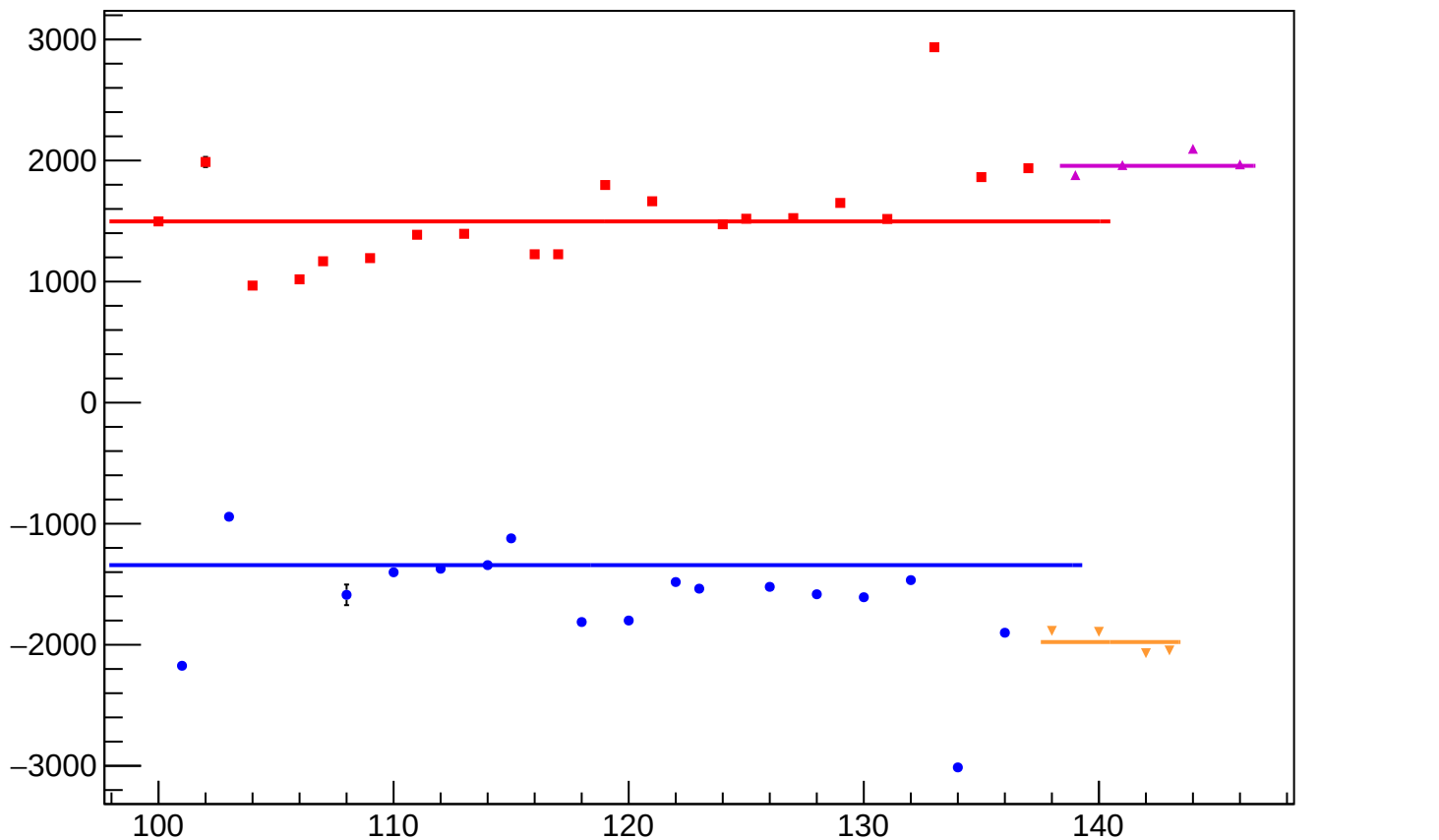
Left In: 21.585 ± 0.056 χ^2/NDF : 1968.4/3

-32.504 ± 0.000 χ^2/NDF : 156018.5/20

-32.504 ± 0.000 χ^2/NDF : 2547933.8/44

22.496 ± 0.036 χ^2/NDF : 93171.2/23

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -1342.107+/-0.000 χ^2/NDF : 370901.4/16

Left Out: -1977.330+/-1.129 χ^2/NDF : 5317.8/3

Right Out: 1496.932+/-0.000 χ^2/NDF : 505489.3/19

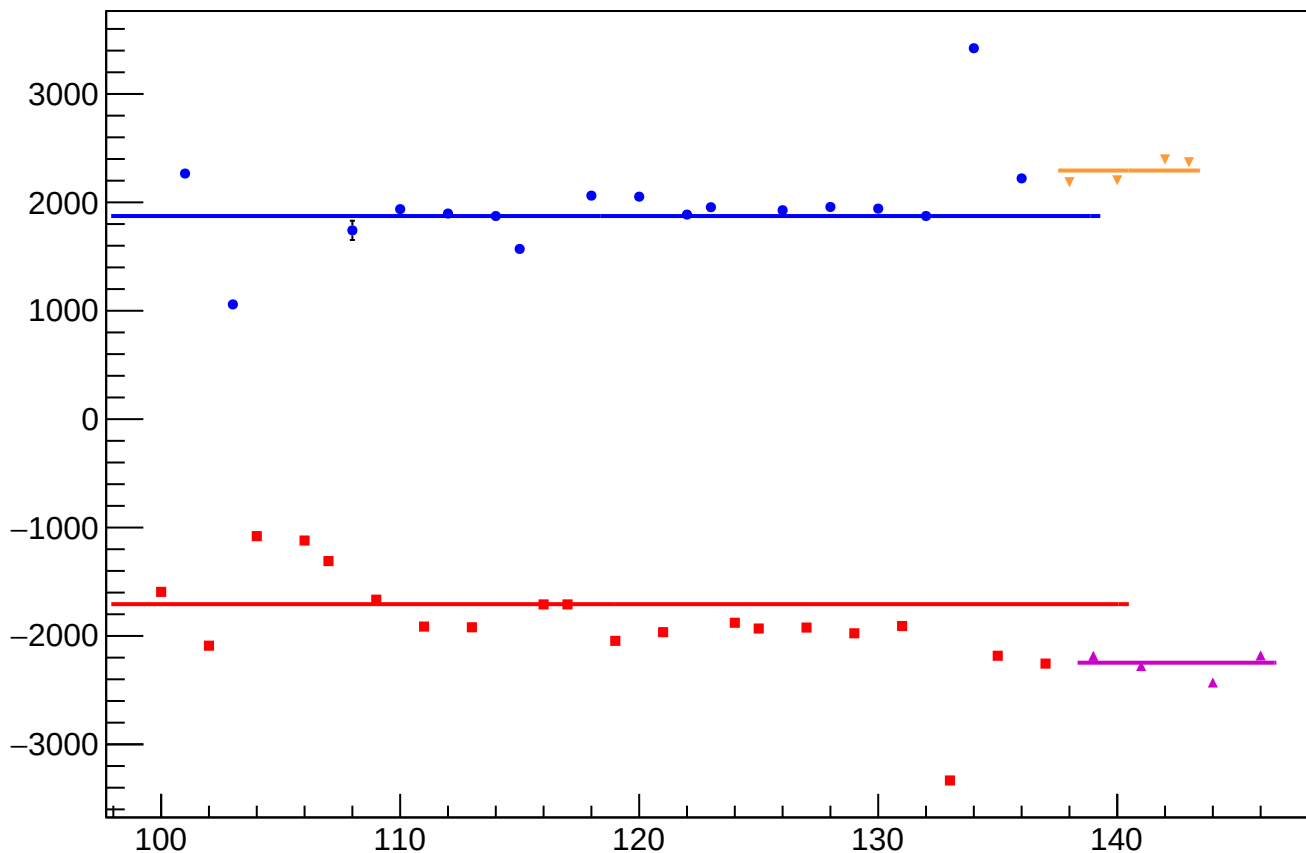
Left In: 1956.164+/-0.699 χ^2/NDF : 12572.1/3

-1342.107+/-0.000 χ^2/NDF : 692977.8/20

-340.094+/-0.000 χ^2/NDF : 60528151856

1496.932+/-0.000 χ^2/NDF : 950264.5/23

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852 ± 0.000 χ^2/NDF : 201563.9/16

Left Out: 2293.712 ± 1.182 χ^2/NDF : 6000.3/3

Right Out: -1706.740 ± 0.302 χ^2/NDF : 837936.9/19

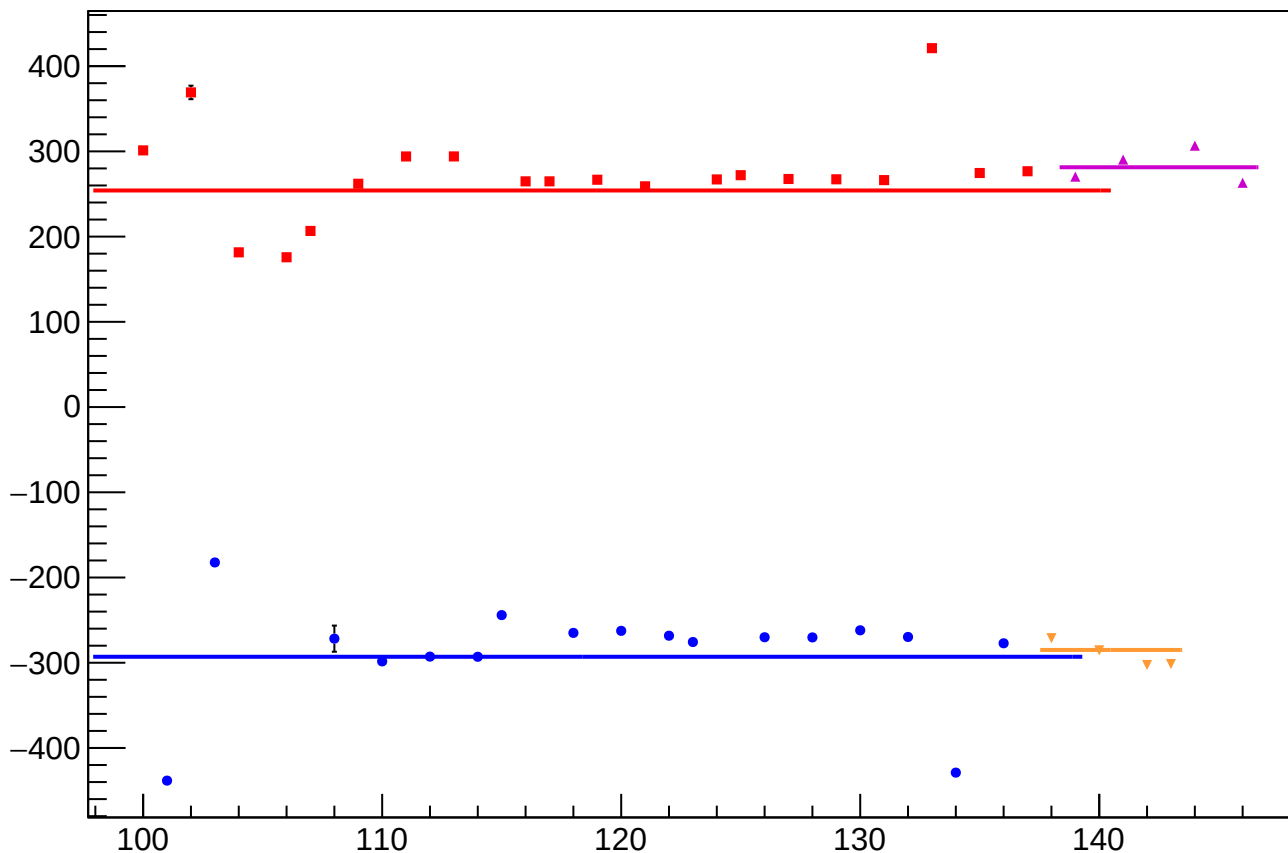
Left In: -2246.765 ± 0.734 χ^2/NDF : 15797.6/3

1873.852 ± 0.000 χ^2/NDF : 333763.0/20

1873.852 ± 0.000 χ^2/NDF : 173023267.0/20

-1785.147 ± 0.280 χ^2/NDF : 1317025.4/23

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986+/-0.000 χ^2/NDF : 1015592.4/16

Left Out: -284.980+/-0.074 χ^2/NDF : 35704.2/3

Right Out: 254.127+/-0.059 χ^2/NDF : 502684.9/19

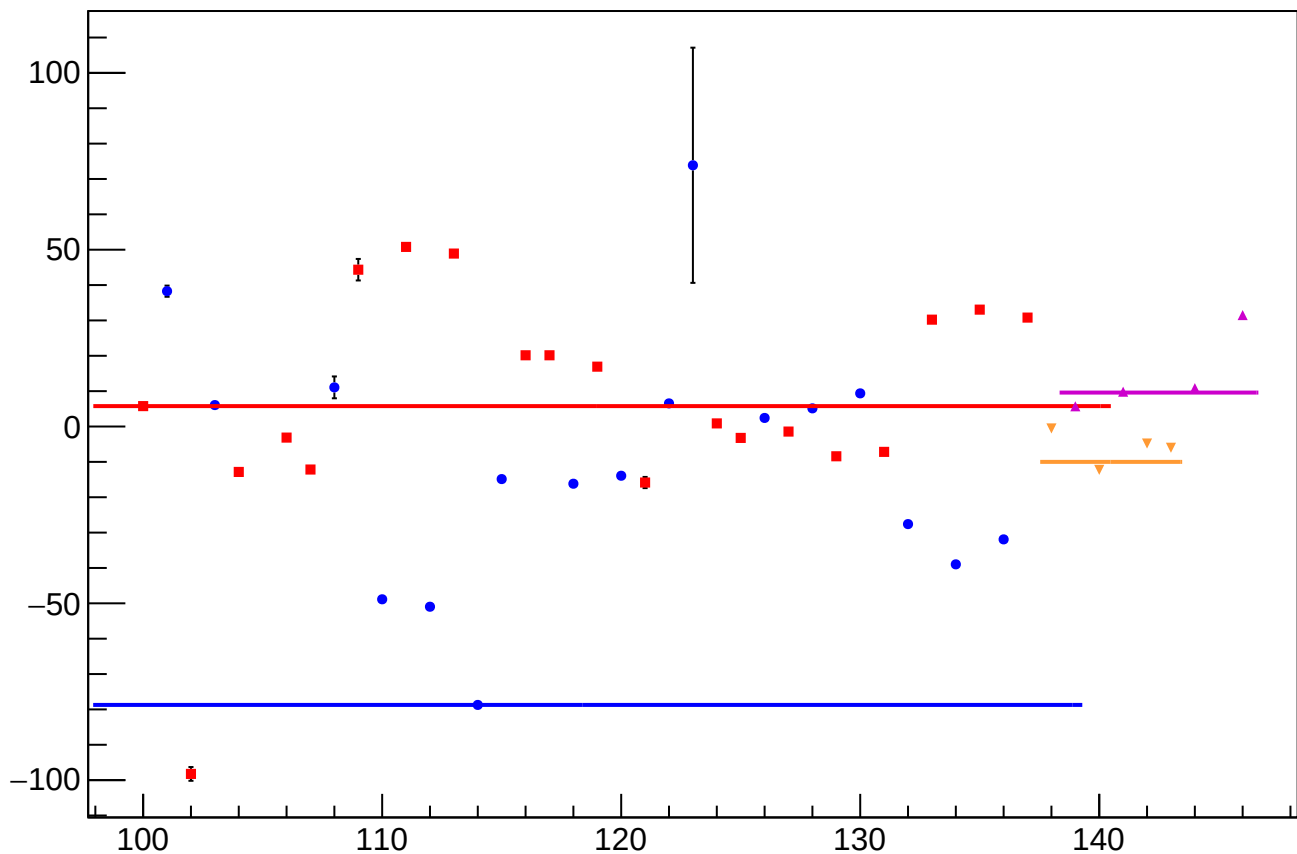
Left In: 281.366+/-0.058 χ^2/NDF : 49836.7/3

-292.986+/-0.000 χ^2/NDF : 1063040.7/20

-292.986+/-0.000 χ^2/NDF : 186596341.1/4

268.034+/-0.041 χ^2/NDF : 661425.3/23

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1399088.3/16$

Left Out: -10.000 ± 0.074 $\chi^2/\text{NDF}: 2502.5/3$

Right Out: 5.769 ± 0.000 $\chi^2/\text{NDF}: 111755.3/19$

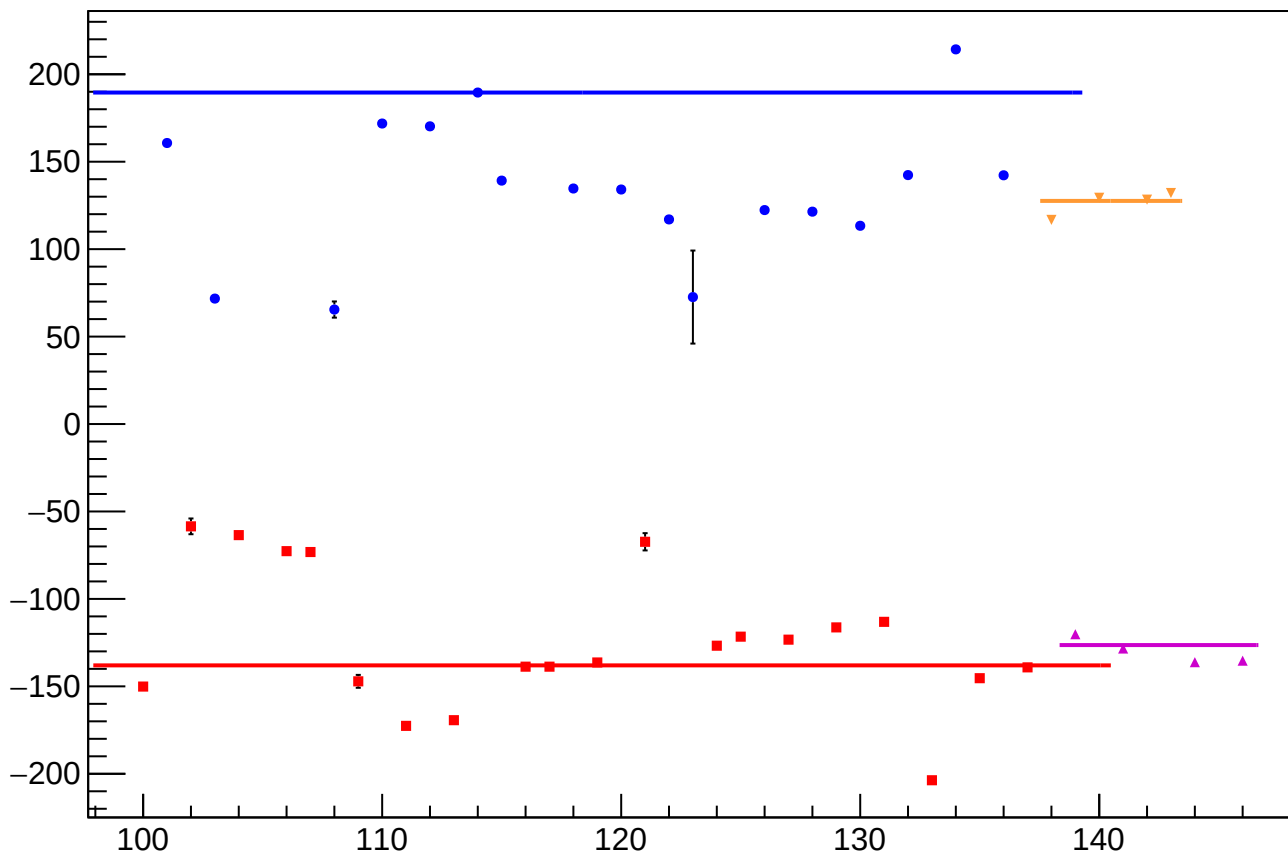
Left In: 9.597 ± 0.060 $\chi^2/\text{NDF}: 6702.0/3$

-78.728 ± 0.000 $\chi^2/\text{NDF}: 2273736.3/20$

5.169 ± 0.000 $\chi^2/\text{NDF}: 38614083696031$

5.769 ± 0.000 $\chi^2/\text{NDF}: 122490.7/23$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551 ± 0.000 χ^2/NDF : 927391.8/16

Left Out: 127.586 ± 0.095 χ^2/NDF : 2863.9/3

Right Out: -138.004 ± 0.059 χ^2/NDF : 117358.3/19

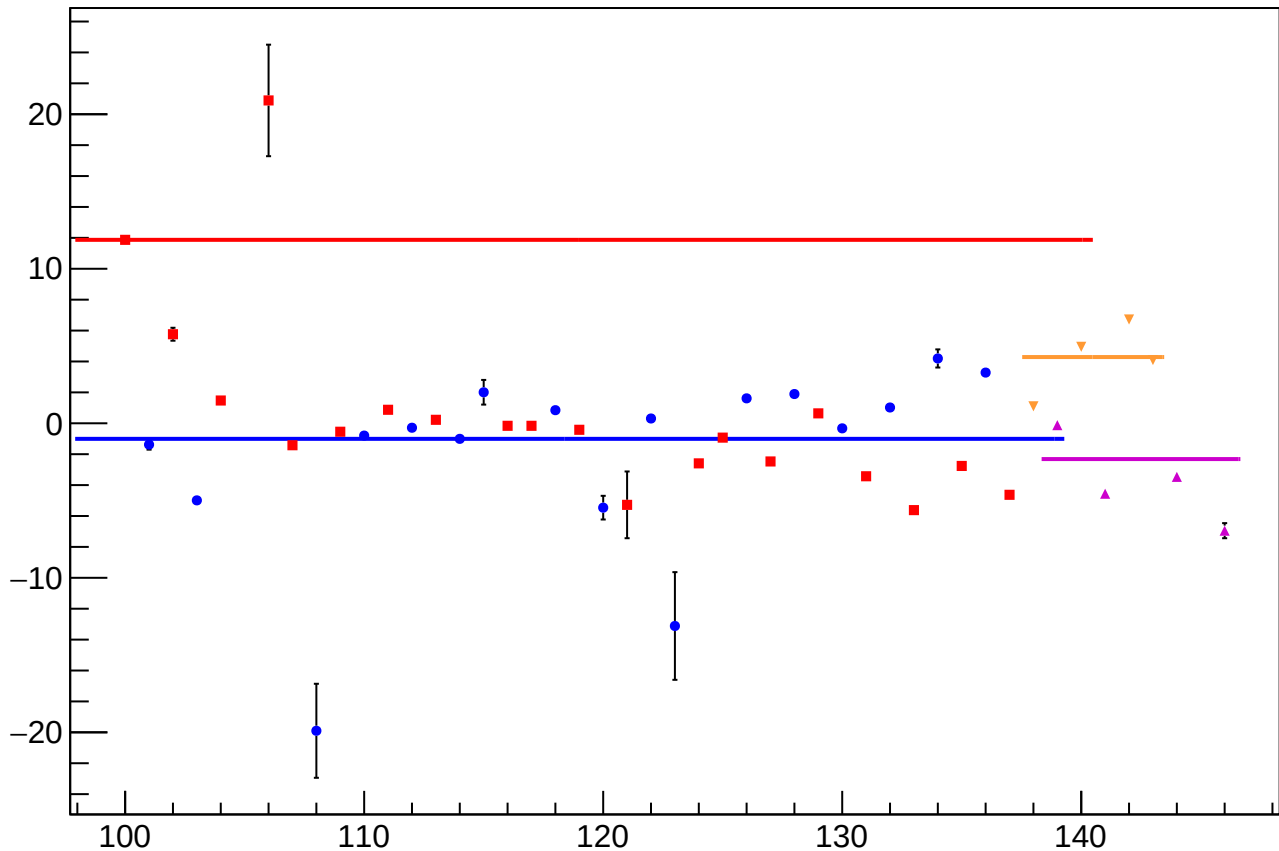
Left In: -126.393 ± 0.064 χ^2/NDF : 5741.9/3

189.551 ± 0.000 χ^2/NDF : 1360162.1/20

189.551 ± 0.000 χ^2/NDF : 56641803.1/44

-132.679 ± 0.043 χ^2/NDF : 140877.9/23

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 4.286 ± 0.070 χ^2/NDF : 389.5/3

Right Out: 11.872 ± 0.000 χ^2/NDF : 560568.2/19

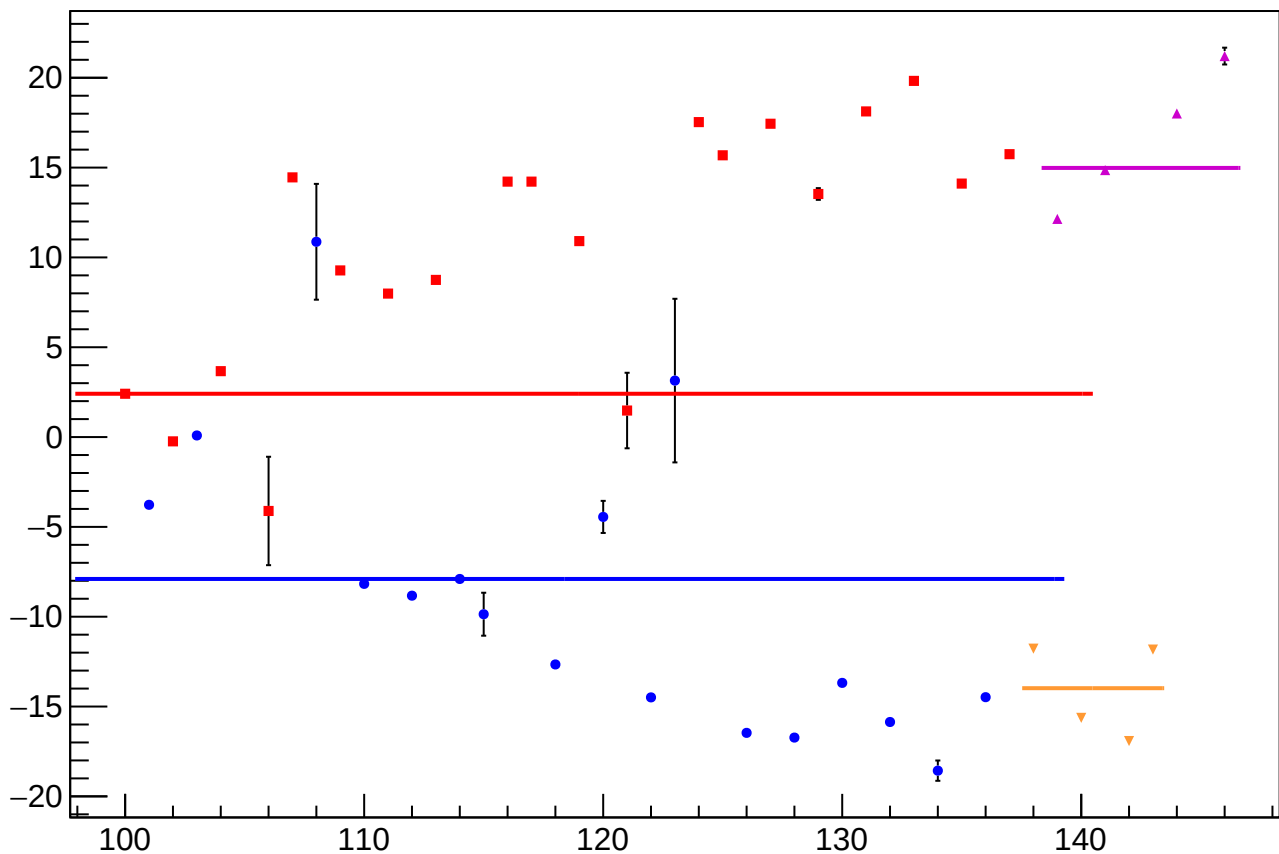
Left In: -2.316 ± 0.043 χ^2/NDF : 2051.9/3

-1.007 ± 0.000 χ^2/NDF : 13202.7/20

-0.582 ± 0.000 χ^2/NDF : 3049946074780

11.872 ± 0.000 χ^2/NDF : 670751.7/23

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -13.979 ± 0.069 χ^2/NDF : 834.7/3

Right Out: 2.410 ± 0.000 χ^2/NDF : 222300.8/19

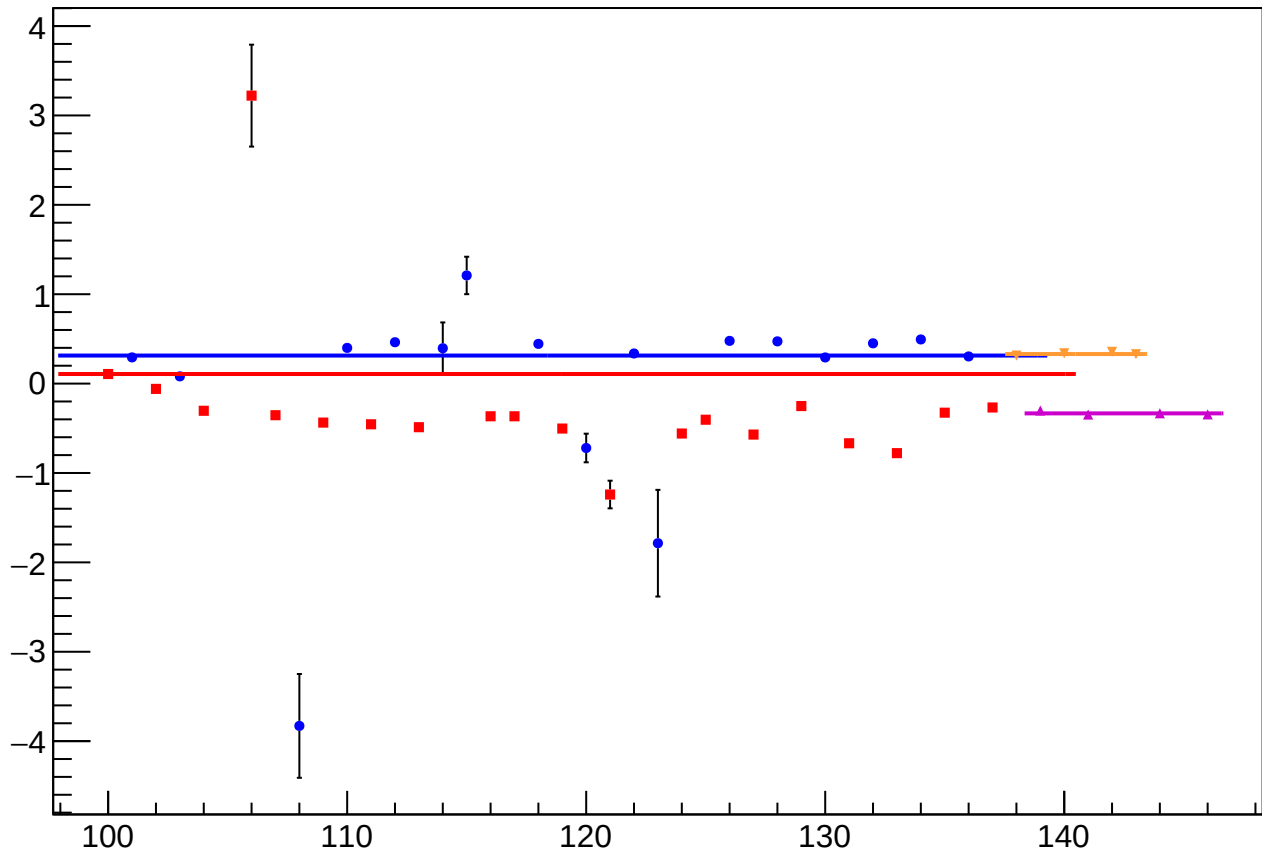
Left In: 14.981 ± 0.062 χ^2/NDF : 1295.6/3

-7.899 ± 0.000 χ^2/NDF : 47998.6/20

-0.829 ± 0.000 χ^2/NDF : 1016173479523

2.410 ± 0.000 χ^2/NDF : 265330.5/23

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.331 ± 0.001 χ^2/NDF : 230.3/3

Right Out: 0.107 ± 0.000 χ^2/NDF : 223881.2/19

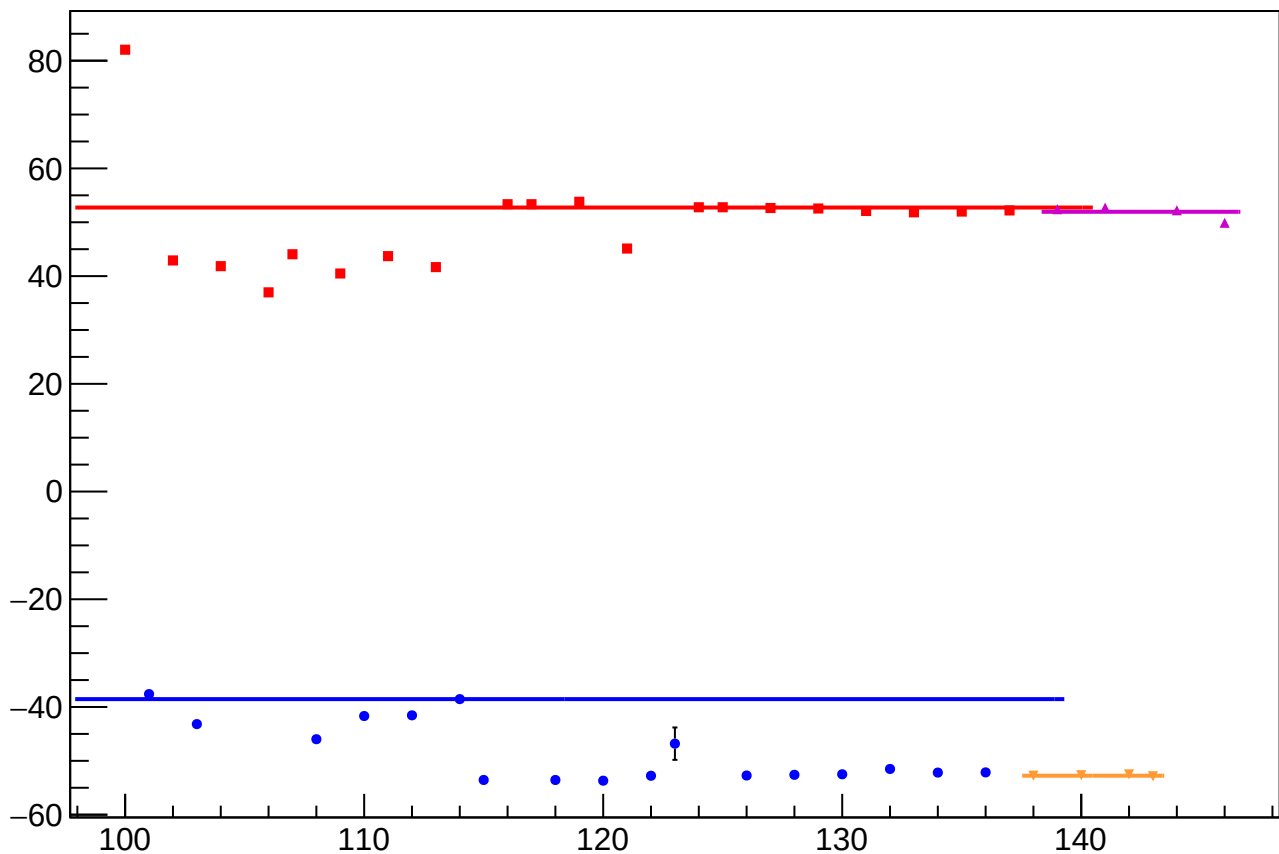
Left In: -0.333 ± 0.001 χ^2/NDF : 268.3/3

0.324 ± 0.001 χ^2/NDF : 3161.6/20

0.107 ± 0.000 χ^2/NDF : 740390.3/44

0.107 ± 0.000 χ^2/NDF : 610251.0/23

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539+/-0.000 χ^2/NDF : 14950854.6/16

Left Out: -52.761+/-0.005 χ^2/NDF : 505.2/3

Right Out: 52.737+/-0.002 χ^2/NDF : 87444.8/19

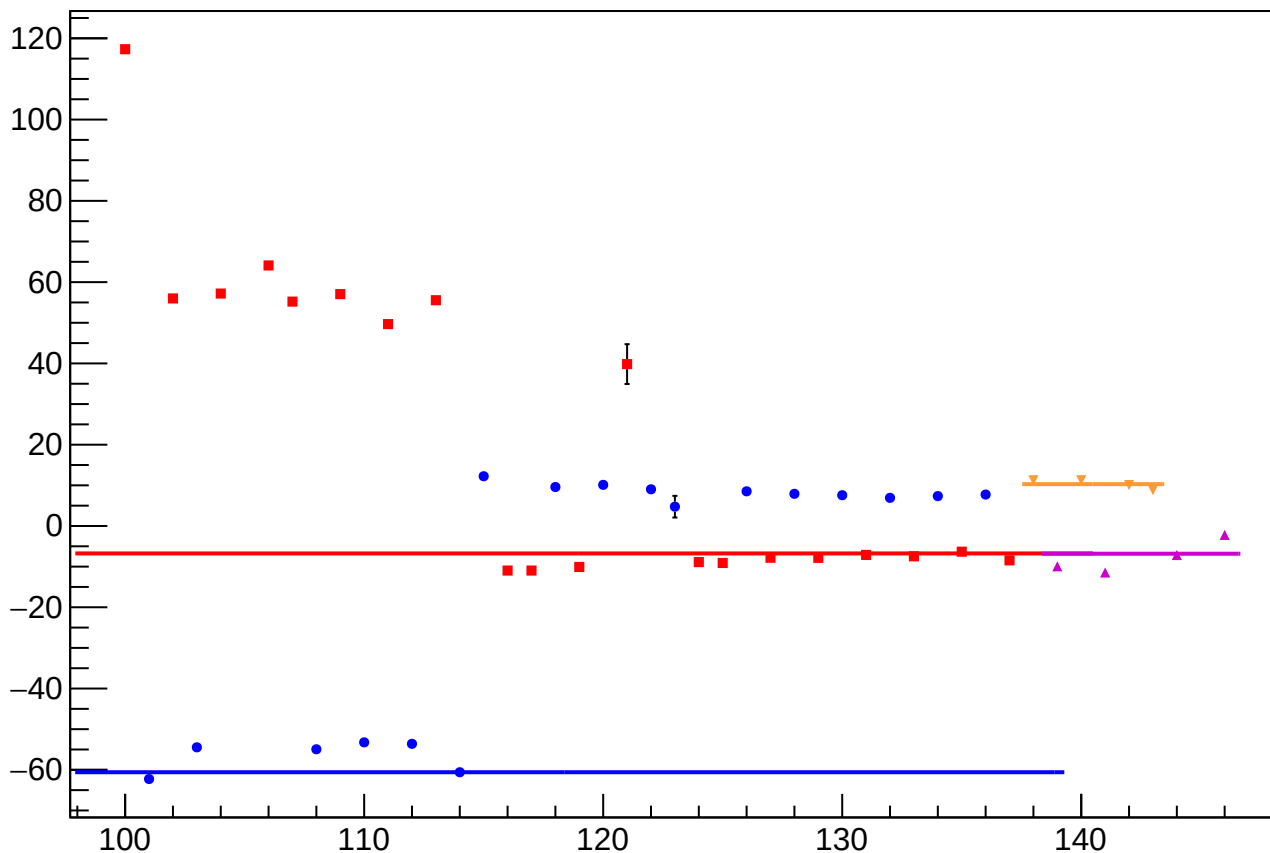
Left In: 51.944+/-0.006 χ^2/NDF : 39773.2/3

-38.539+/-0.000 χ^2/NDF : 22126799.1/20

-38.539+/-0.000 χ^2/NDF : 2635749659.6/4

52.658+/-0.002 χ^2/NDF : 144846.3/23

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF : 26122838.1/16

Left Out: 10.291+/-0.014 χ^2/NDF : 5288.3/3

Right Out: -6.753+/-0.011 χ^2/NDF : 1266741.1/19

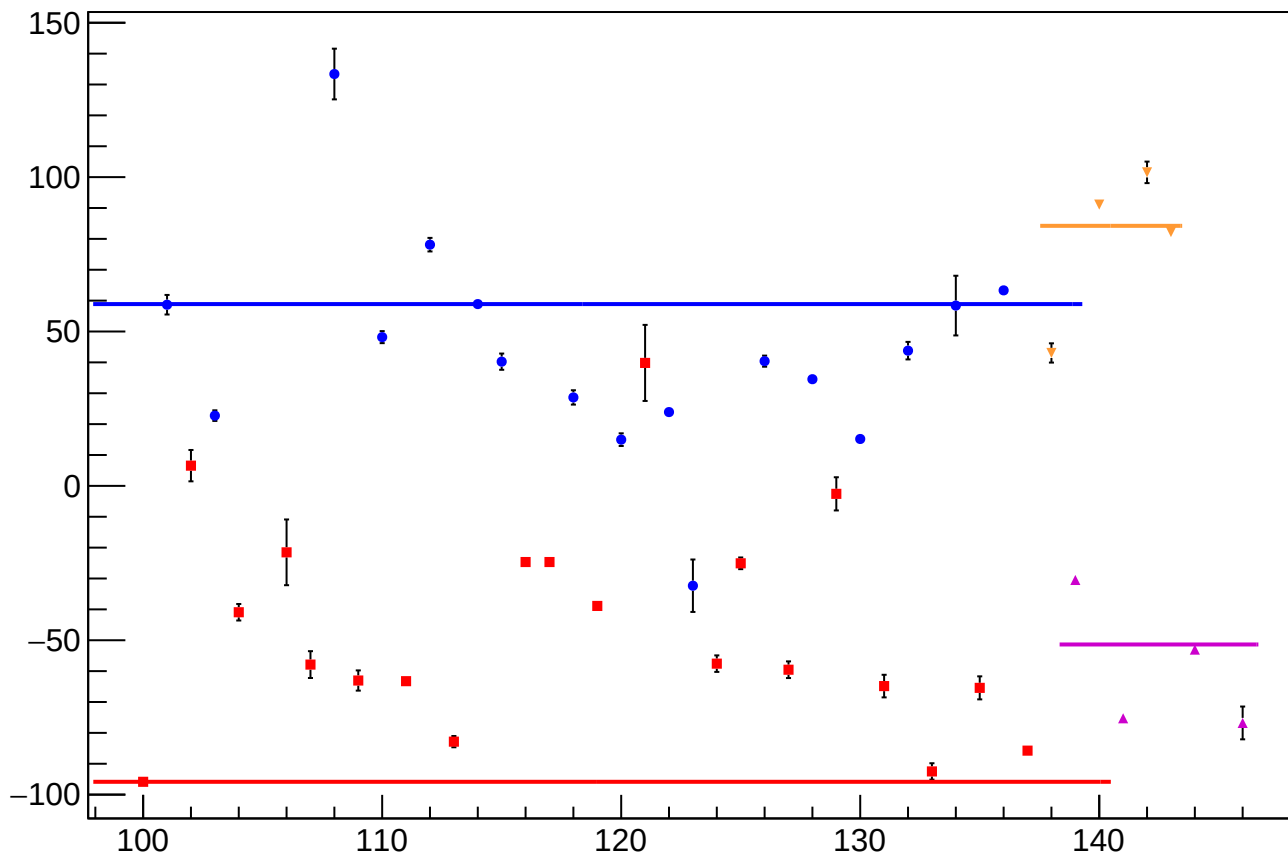
Left In: -6.824+/-0.014 χ^2/NDF : 86769.2/3

-60.594+/-0.000 χ^2/NDF : 50942618.0/20

-60.594+/-0.000 χ^2/NDF : 91530479.9/44

-6.781+/-0.009 χ^2/NDF : 1353526.9/23

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 58.880 +/- 0.000 χ^2/NDF : 3814.7/16

Left Out: 84.225 +/- 0.945 χ^2/NDF : 225.7/3

Right Out: -95.846 +/- 0.000 χ^2/NDF : 44645.2/19

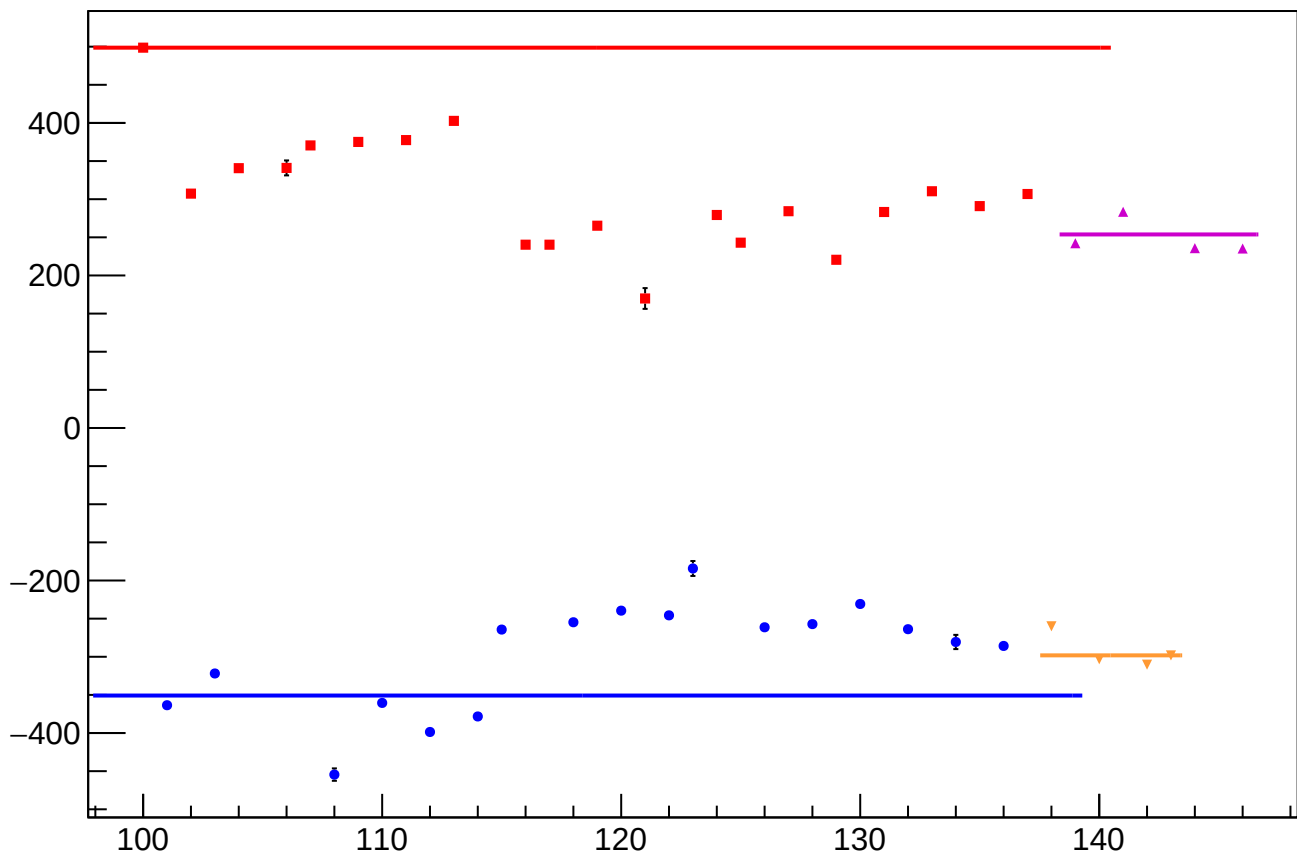
Left In: -51.368 +/- 0.589 χ^2/NDF : 928.9/3

58.880 +/- 0.000 χ^2/NDF : 4759.9/20

53.779 +/- 0.000 χ^2/NDF : 1719559071103

-95.846 +/- 0.000 χ^2/NDF : 51280.0/23

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -350.833+/-0.245 χ^2/NDF : 41301.1/16

Left Out: -298.141+/-0.949 χ^2/NDF : 164.6/3

Right Out: 498.692+/-0.000 χ^2/NDF : 572319.3/19

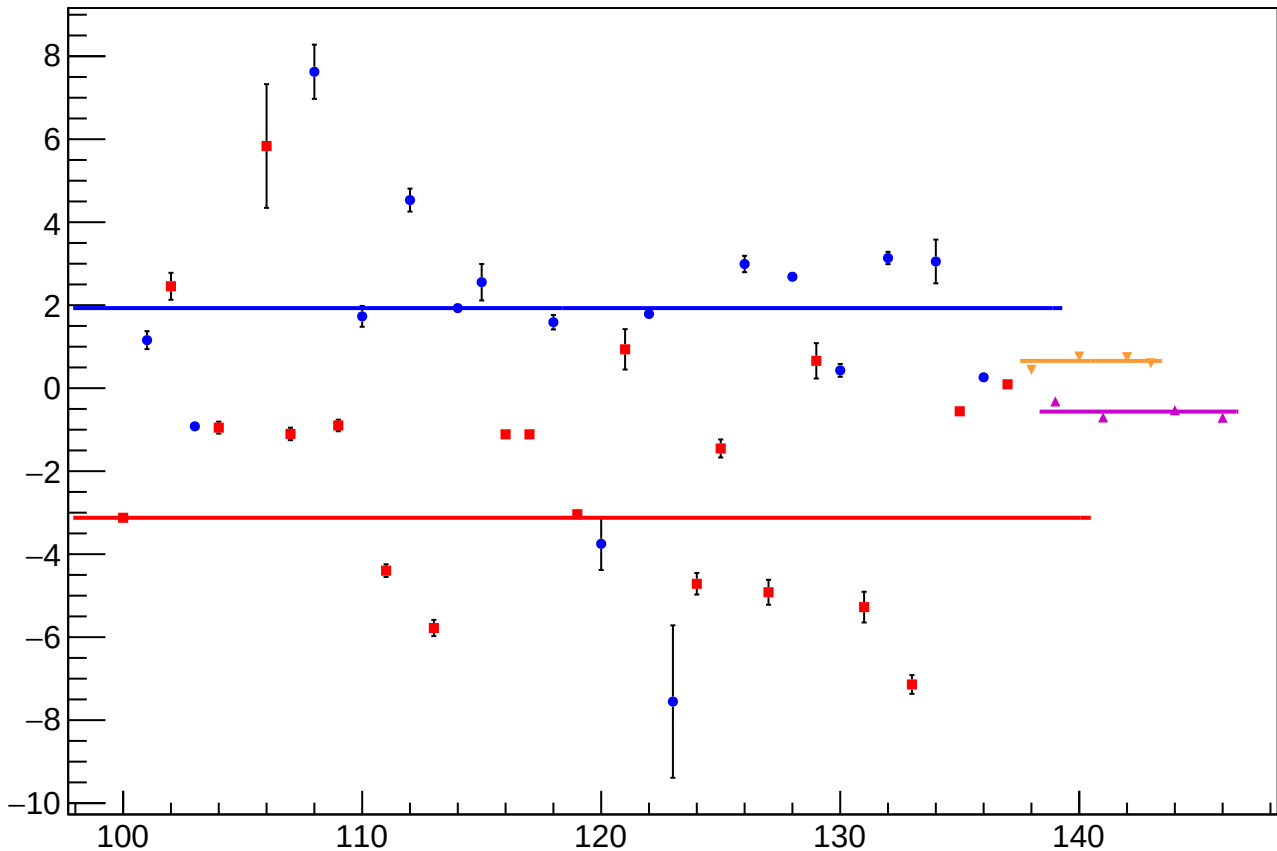
Left In: 253.792+/-0.626 χ^2/NDF : 1082.2/3

-347.555+/-0.237 χ^2/NDF : 44354.2/20

498.692+/-0.000 χ^2/NDF : 13541399.3/44

498.692+/-0.000 χ^2/NDF : 726520.9/23

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.657 ± 0.006 χ^2/NDF : 314.2/3

Right Out: -3.123 ± 0.000 χ^2/NDF : 514000.0/19

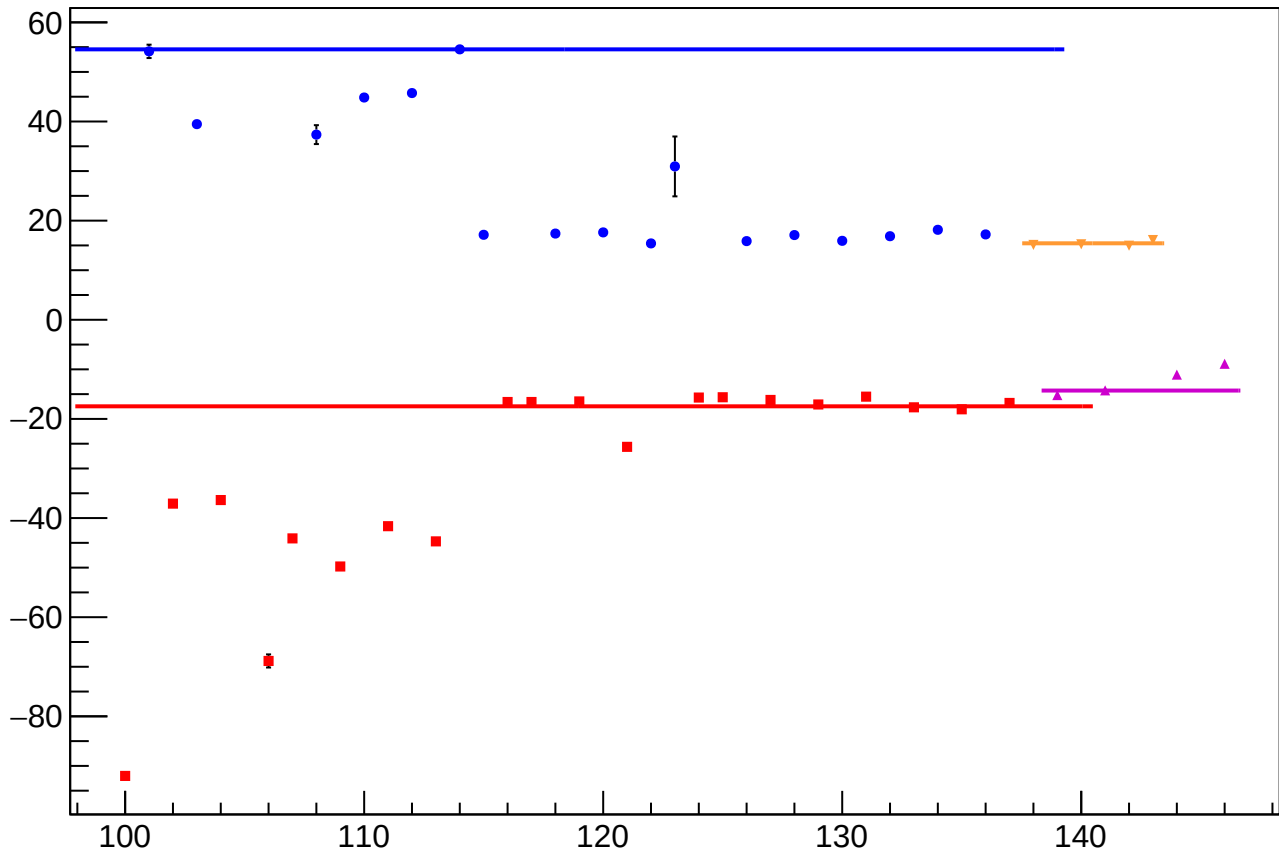
Left In: -0.564 ± 0.004 χ^2/NDF : 1446.1/3

1.930 ± 0.000 χ^2/NDF : 109491.3/20

1.324 ± 0.000 χ^2/NDF : 68349069016618

-3.123 ± 0.000 χ^2/NDF : 942910.3/23

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556 ± 0.000 $\chi^2/\text{NDF}: 7238433.0/16$

Left Out: 15.428 ± 0.017 $\chi^2/\text{NDF}: 630.5/3$

Right Out: -17.458 ± 0.018 $\chi^2/\text{NDF}: 99309.7/19$

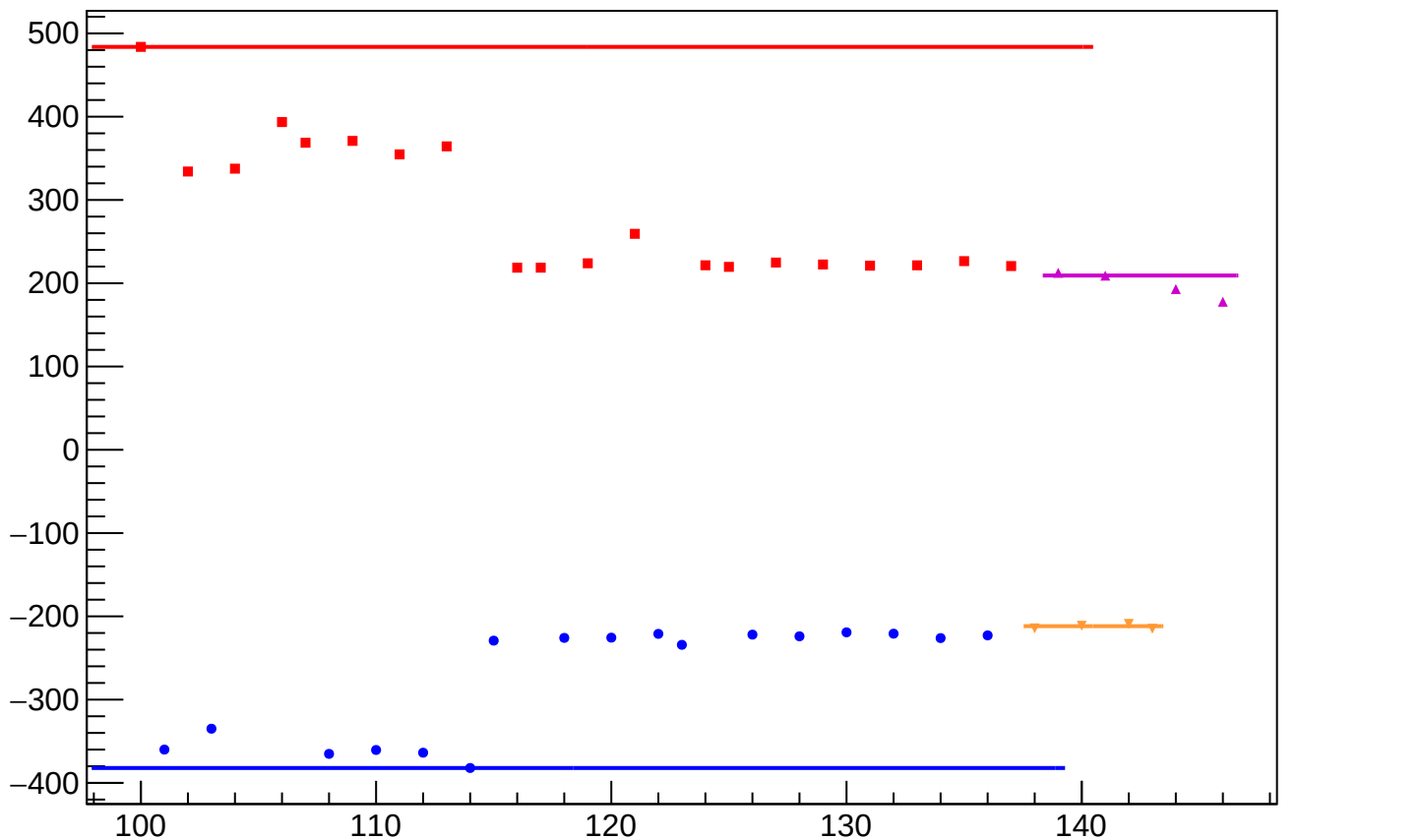
Left In: -14.278 ± 0.022 $\chi^2/\text{NDF}: 5960.1/3$

54.556 ± 0.000 $\chi^2/\text{NDF}: 12296993.5/20$

54.556 ± 0.000 $\chi^2/\text{NDF}: 37816021.0/44$

-16.151 ± 0.014 $\chi^2/\text{NDF}: 117707.8/23$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108+/-0.000 χ^2/NDF : 18398024.3/16

Left Out: -211.808+/-0.040 χ^2/NDF : 3353.3/3

Right Out: 483.800+/-0.000 χ^2/NDF : 24385317.4/19

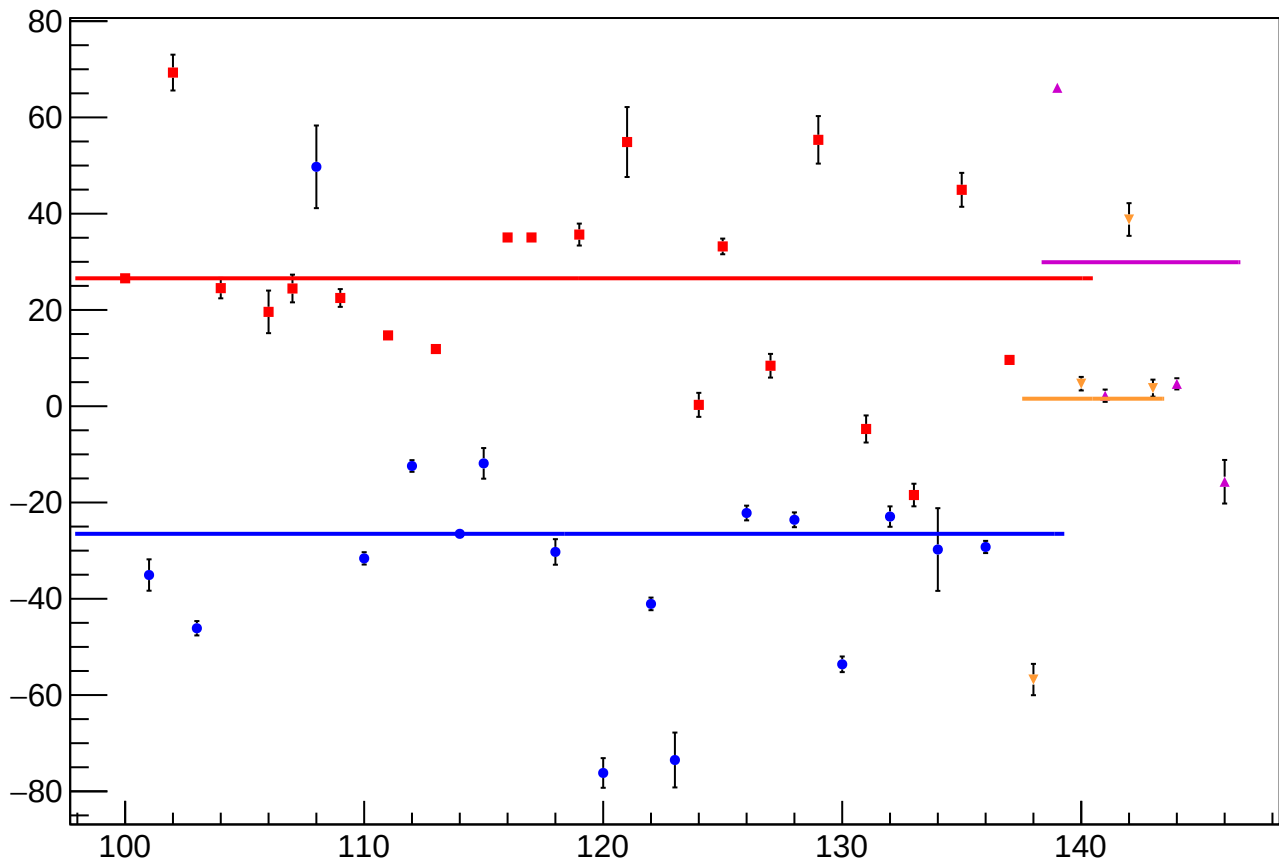
Left In: 209.249+/-0.043 χ^2/NDF : 9489.5/3

-382.108+/-0.000 χ^2/NDF : 36331445.3/20

-76.493+/-0.000 χ^2/NDF : 9009029155790

483.800+/-0.000 χ^2/NDF : 65381533.8/23

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504 ± 0.000 $\chi^2/\text{NDF}: 1180.7/16$

Left Out: 1.565 ± 0.997 $\chi^2/\text{NDF}: 448.1/3$

Right Out: 26.577 ± 0.000 $\chi^2/\text{NDF}: 2754.8/19$

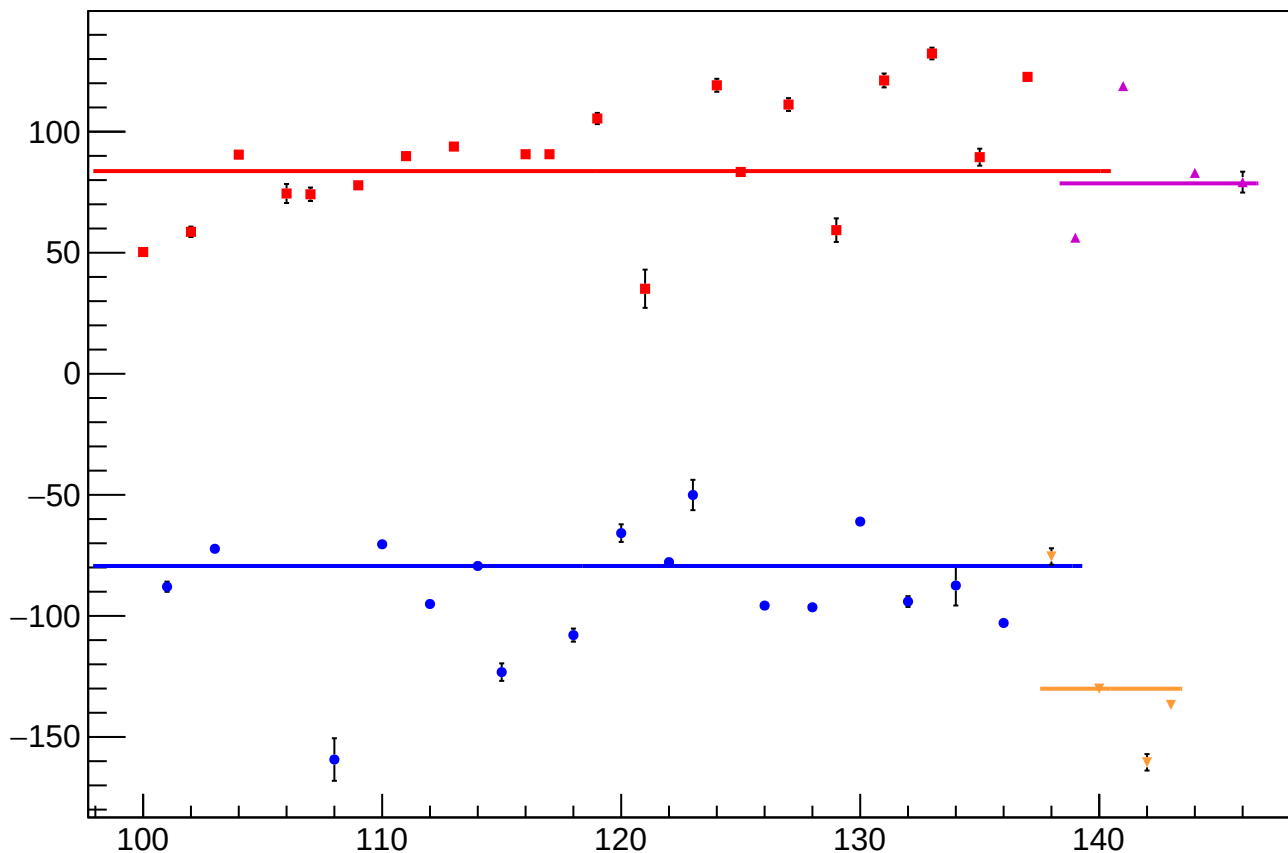
Left In: 29.918 ± 0.639 $\chi^2/\text{NDF}: 2418.1/3$

-26.504 ± 0.000 $\chi^2/\text{NDF}: 2421.7/20$

-7.770 ± 0.000 $\chi^2/\text{NDF}: 2166718322463$

26.577 ± 0.000 $\chi^2/\text{NDF}: 5200.3/23$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -130.062 ± 0.982 $\chi^2/\text{NDF}: 354.6/3$

Right Out: 83.721 ± 0.171 $\chi^2/\text{NDF}: 12064.6/19$

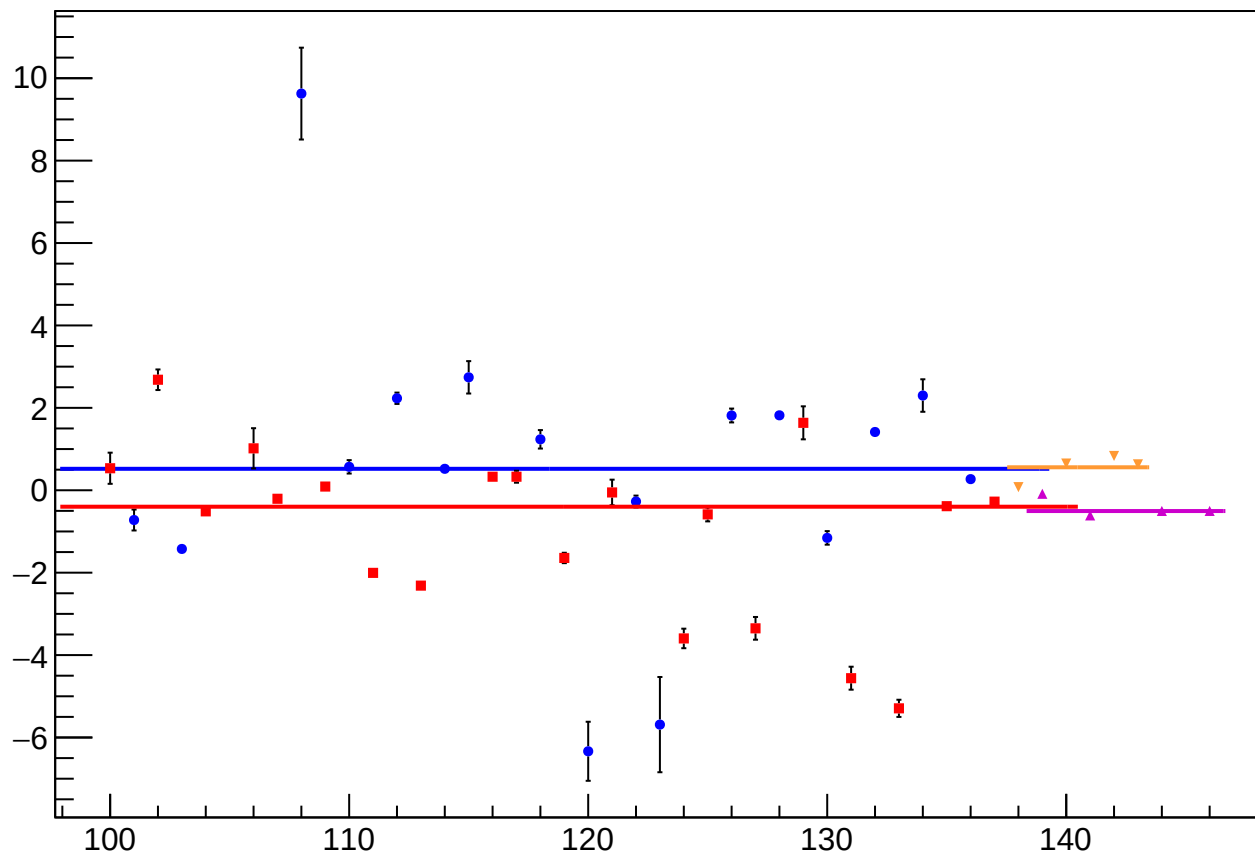
Left In: 78.650 ± 0.635 $\chi^2/\text{NDF}: 1676.8/3$

-79.376 ± 0.000 $\chi^2/\text{NDF}: 4325.1/20$

-79.376 ± 0.000 $\chi^2/\text{NDF}: 992790.4/44$

83.380 ± 0.165 $\chi^2/\text{NDF}: 13800.9/23$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.558+/-0.007 χ^2/NDF : 979.2/3

Right Out: -0.399+/-0.011 χ^2/NDF : 2752.7/19

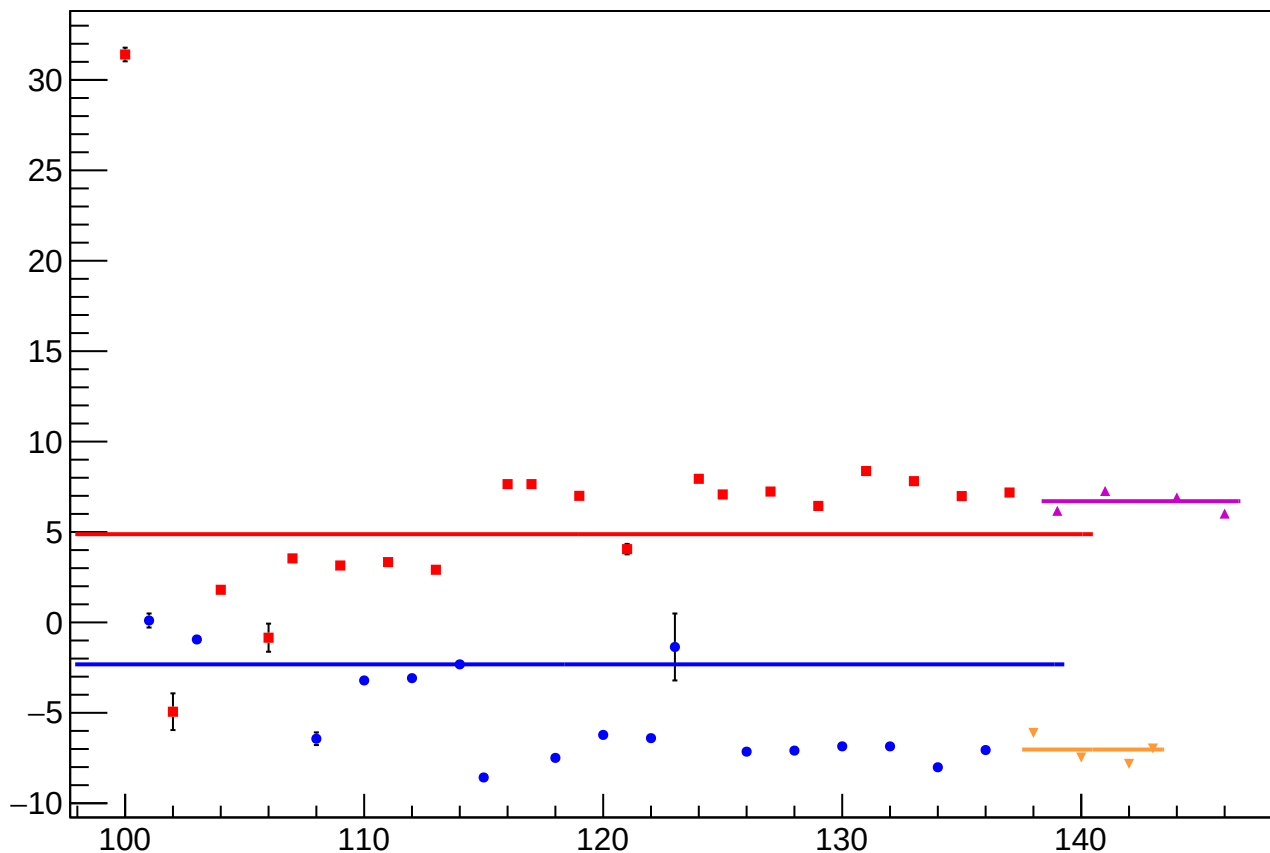
Left In: -0.504+/-0.003 χ^2/NDF : 2615.1/3

0.521+/-0.000 χ^2/NDF : 4376.4/20

0.521+/-0.000 χ^2/NDF : 105898.5/44

-0.495+/-0.003 χ^2/NDF : 5453.2/23

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF : 270771.9/16

Left Out: -7.030+/-0.016 χ^2/NDF : 1092.0/3

Right Out: 4.879+/-0.010 χ^2/NDF : 49767.2/19

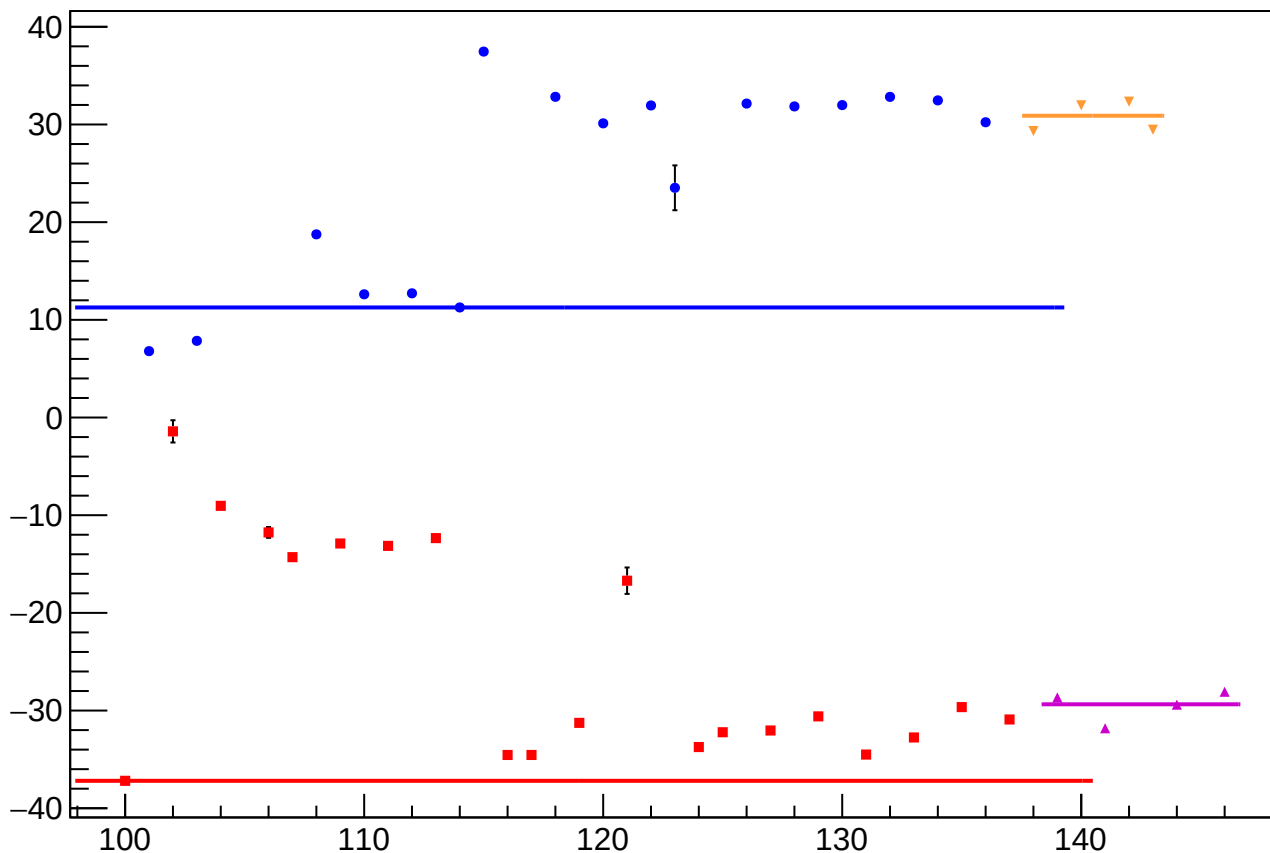
Left In: 6.703+/-0.008 χ^2/NDF : 3464.9/3

-2.320+/-0.000 χ^2/NDF : 355870.3/20

-2.320+/-0.000 χ^2/NDF : 2301669.9/44

6.056+/-0.006 χ^2/NDF : 73560.9/23

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268+/-0.000 χ^2/NDF : 958029.3/16

Left Out: 30.896+/-0.035 χ^2/NDF :1391.9/3

Right Out: -37.191+/-0.000 χ^2/NDF : 1122069.8/19

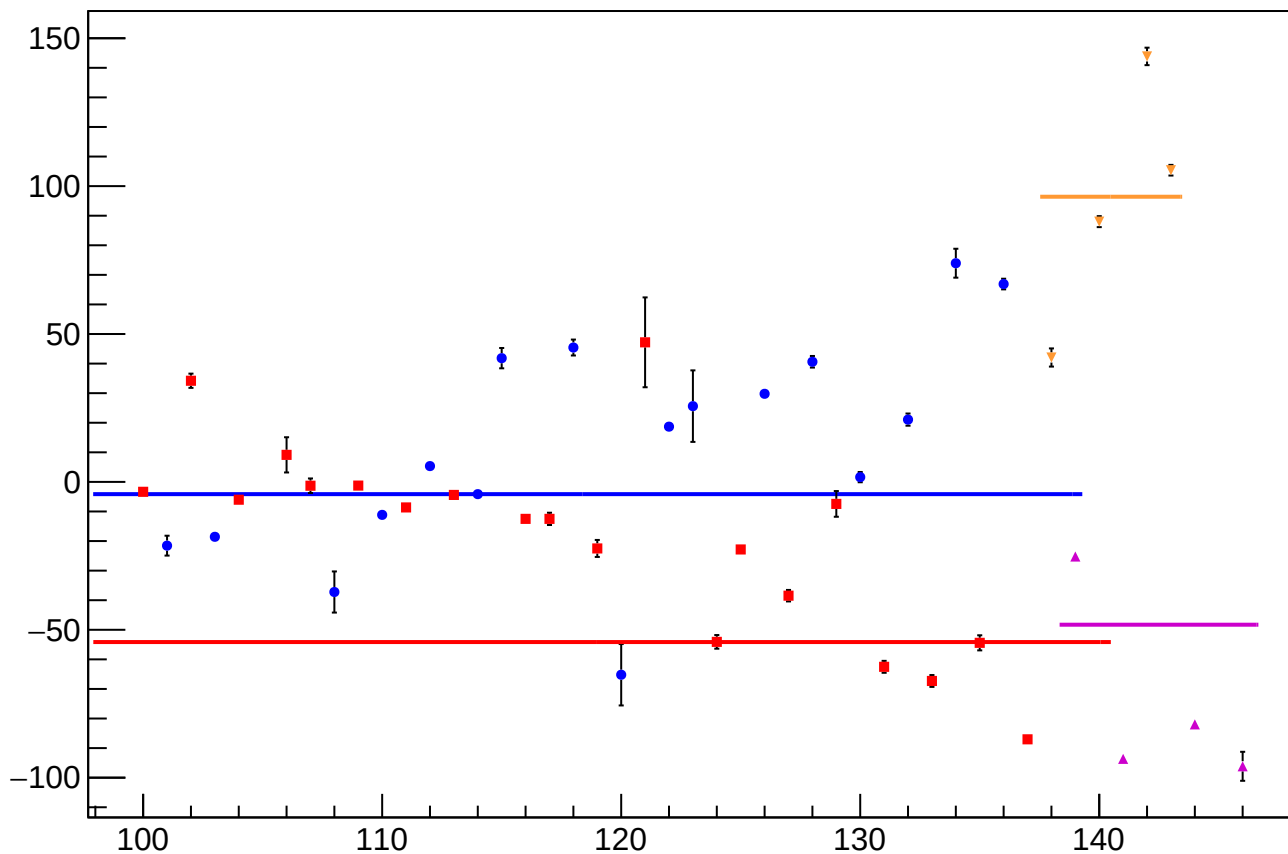
Left In: -29.359+/-0.028 χ^2/NDF :1705.5/3

11.268+/-0.000 χ^2/NDF : 1274172.3/20

9.670+/-0.000 χ^2/NDF : 26986732338875

-37.191+/-0.000 χ^2/NDF : 1204791.6/23

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.000 χ^2/NDF : 4654.2/16

Left Out: 96.416+/-1.106 χ^2/NDF : 616.1/3

Right Out: -54.147+/-0.170 χ^2/NDF : 54404.1/19

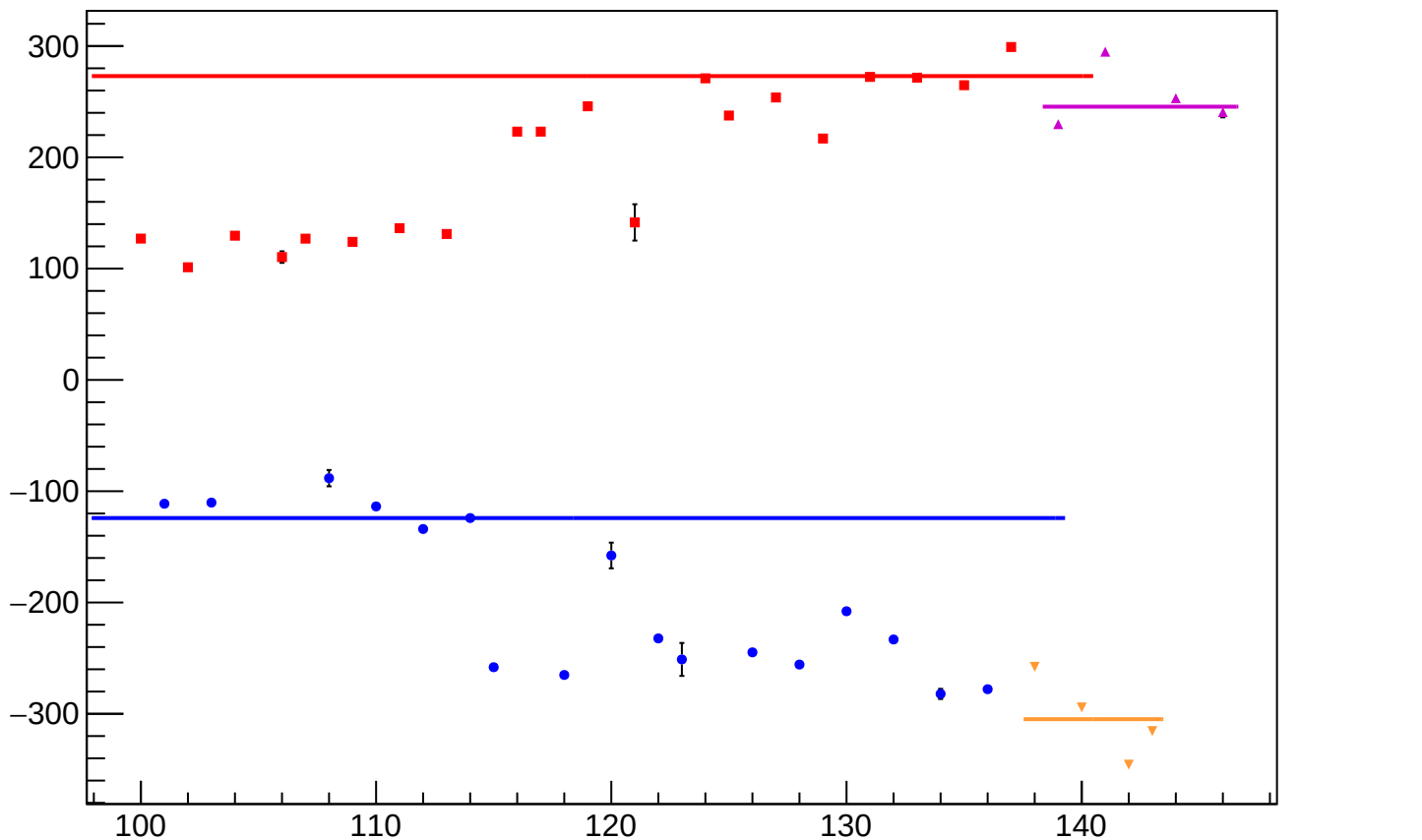
Left In: -48.283+/-0.584 χ^2/NDF : 2805.4/3

-4.139+/-0.000 χ^2/NDF : 13538.1/20

-4.139+/-0.000 χ^2/NDF : 163356.5/44

-53.690+/-0.163 χ^2/NDF : 57302.6/23

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -124.095+/-0.000 χ^2/NDF : 38152.5/16

Left Out: -304.840+/-1.102 χ^2/NDF :471.6/3

Right Out: 273.002+/-0.113 χ^2/NDF : 280698.3/19

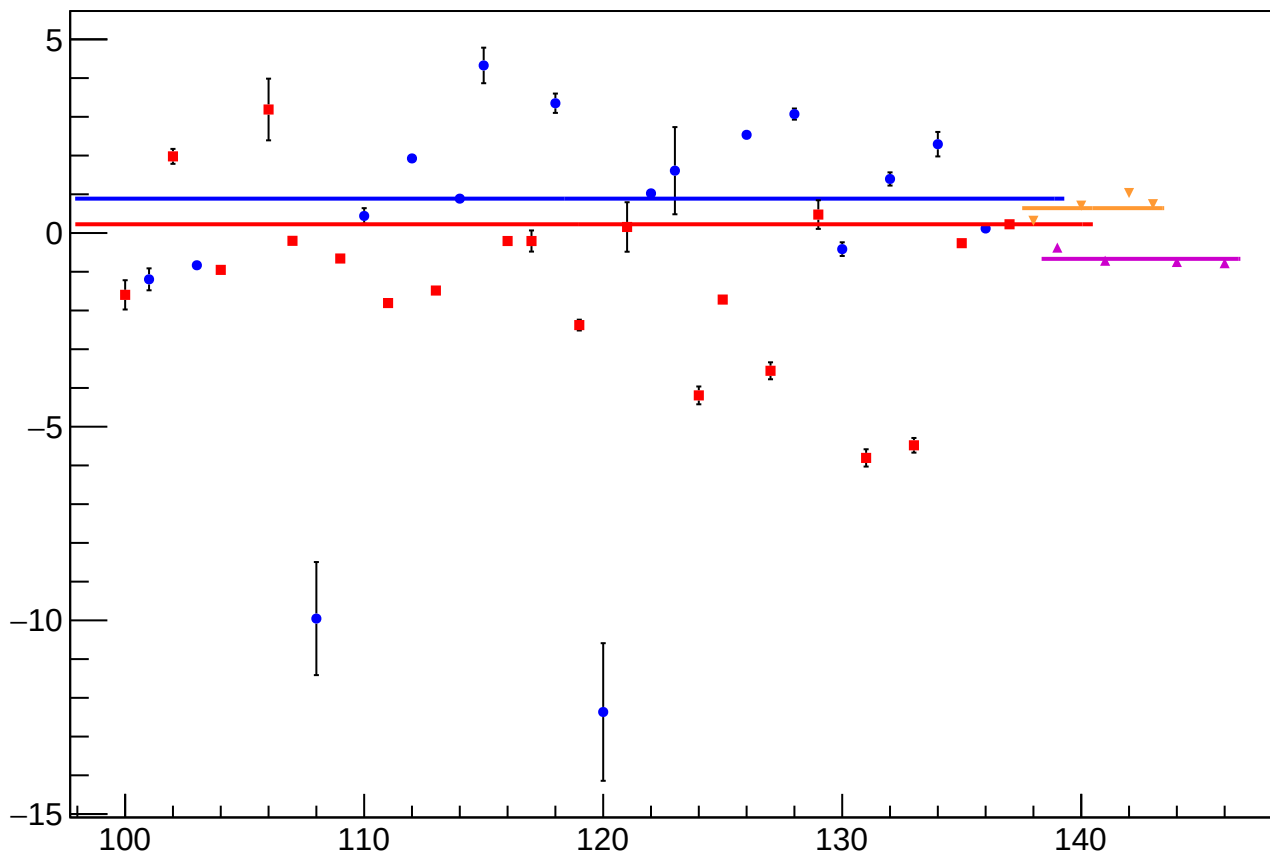
Left In: 245.517+/-0.565 χ^2/NDF :2128.3/3

-124.095+/-0.000 χ^2/NDF : 65529.6/20

-124.095+/-0.000 χ^2/NDF : 13222465.1/4

271.952+/-0.110 χ^2/NDF : 285104.3/23

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.642 ± 0.008 χ^2/NDF : 969.2/3

Right Out: 0.226 ± 0.000 χ^2/NDF : 5033.6/19

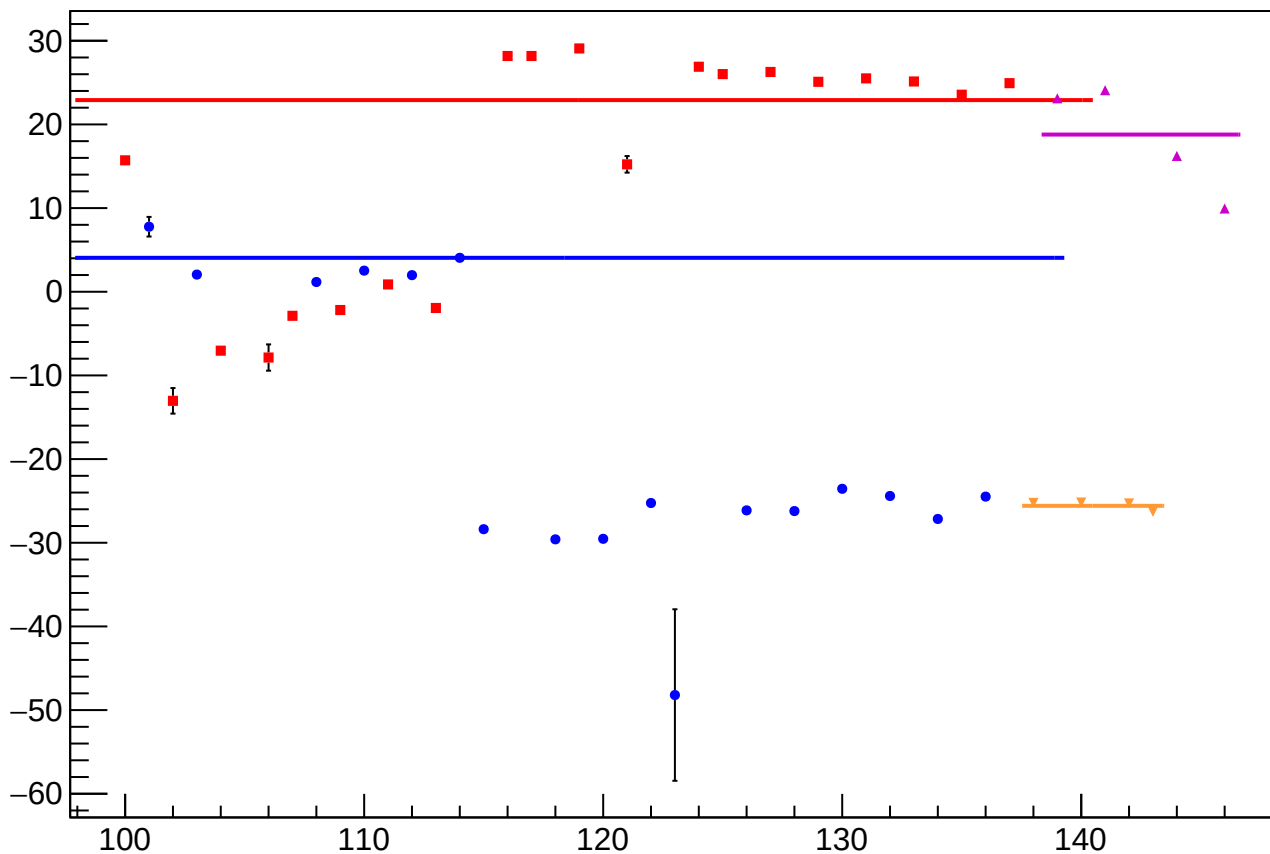
Left In: -0.667 ± 0.005 χ^2/NDF : 756.5/3

0.888 ± 0.000 χ^2/NDF : 10657.9/20

0.888 ± 0.000 χ^2/NDF : 149149208.6/44

0.226 ± 0.000 χ^2/NDF : 34675.2/23

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: 4.057+/-0.000 χ^2/NDF : 1247888.2/16

Left Out: -25.585+/-0.047 χ^2/NDF :107.0/3

Right Out: 22.907+/-0.026 χ^2/NDF : 116676.9/19

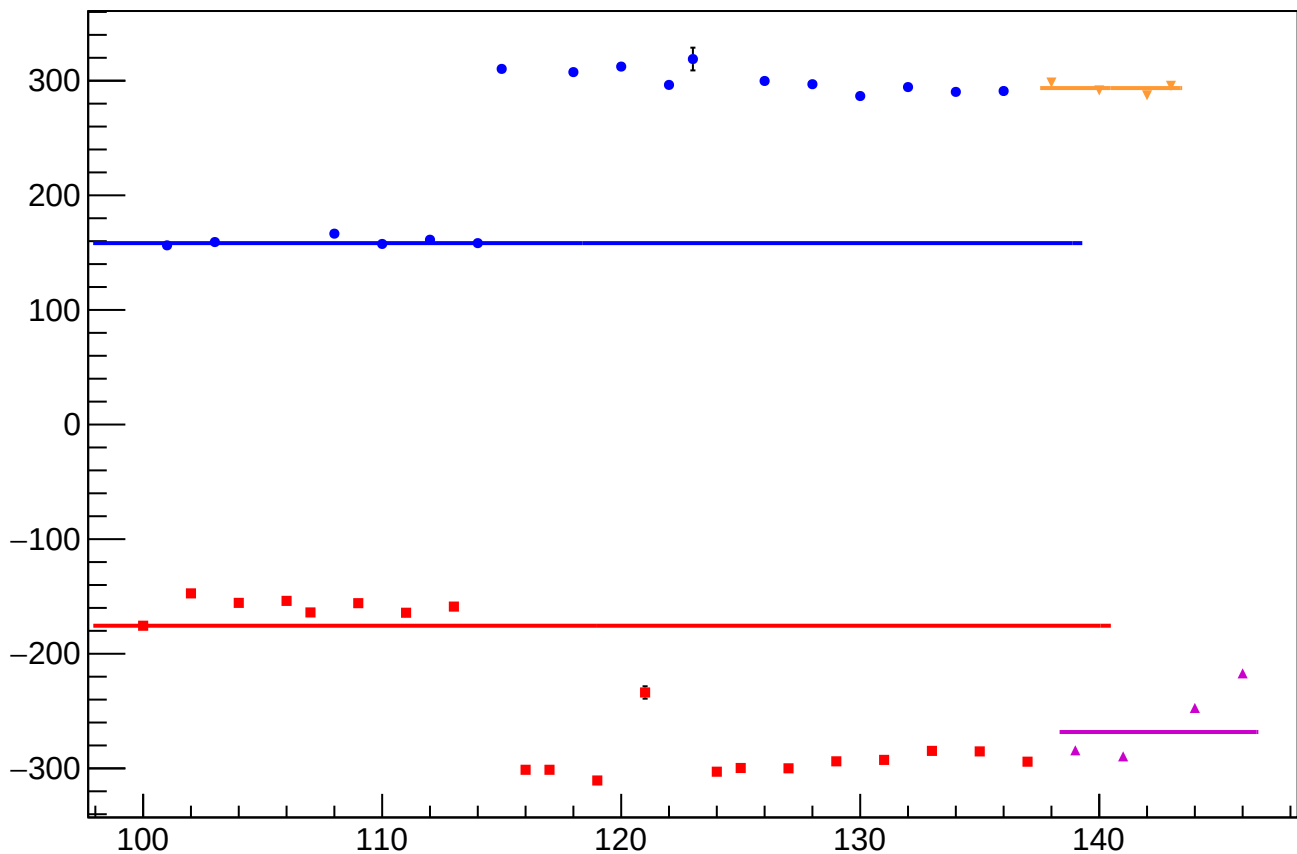
Left In: 18.789+/-0.049 χ^2/NDF :16664.3/3

4.057+/-0.000 χ^2/NDF : 1645757.9/20

4.057+/-0.000 χ^2/NDF : 2384953.2/44

21.984+/-0.023 χ^2/NDF : 138851.1/23

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 293.588+/-0.092 χ^2/NDF :1853.4/3

Right Out: -175.536+/-0.000 χ^2/NDF : 2132280.4/19

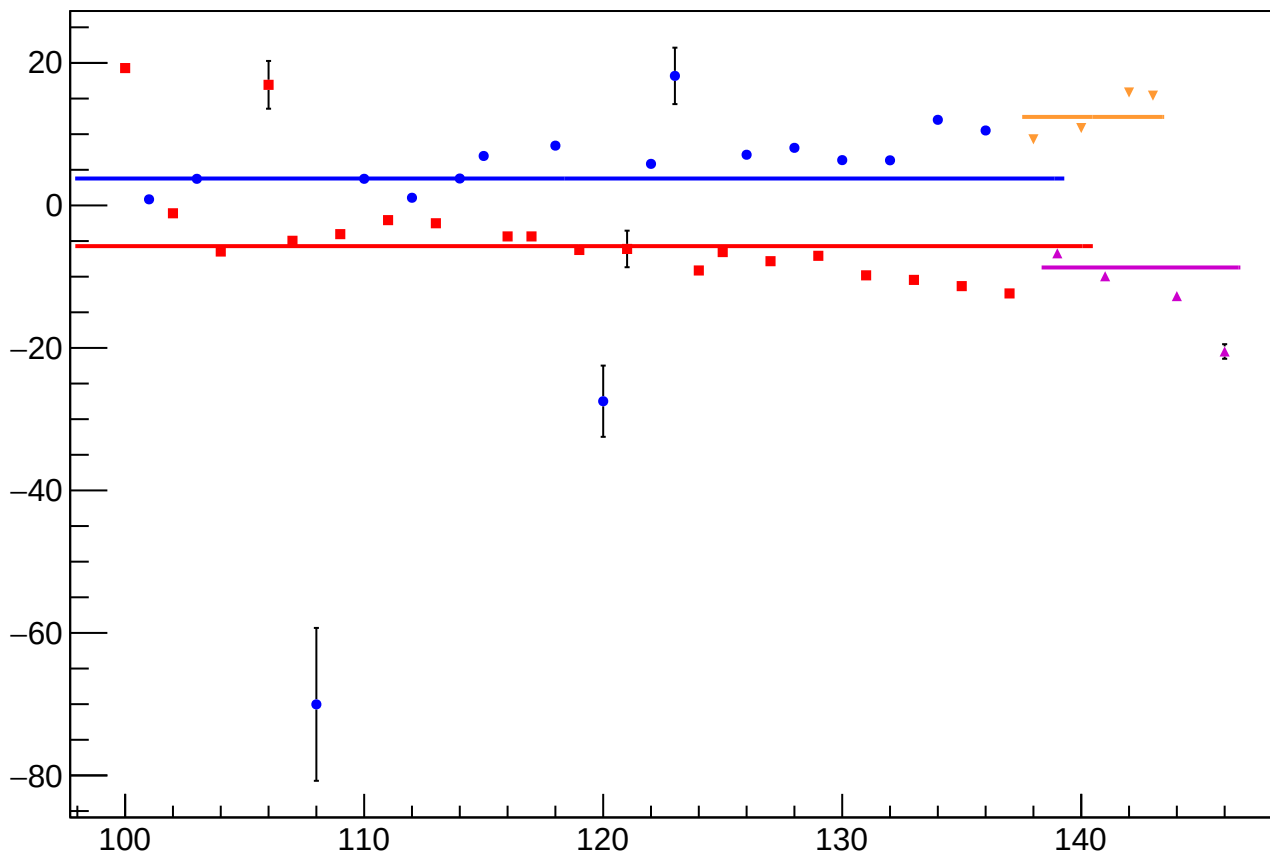
Left In: -268.278+/-0.164 χ^2/NDF :34462.7/3

158.293+/-0.000 χ^2/NDF : 4568414.7/20

-119.042+/-0.000 χ^2/NDF : 14008038966

-175.536+/-0.000 χ^2/NDF : 2488340.1/23

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 12.424 ± 0.124 χ^2/NDF : 412.8/3

Right Out: -5.713 ± 0.025 χ^2/NDF : 22382.6/19

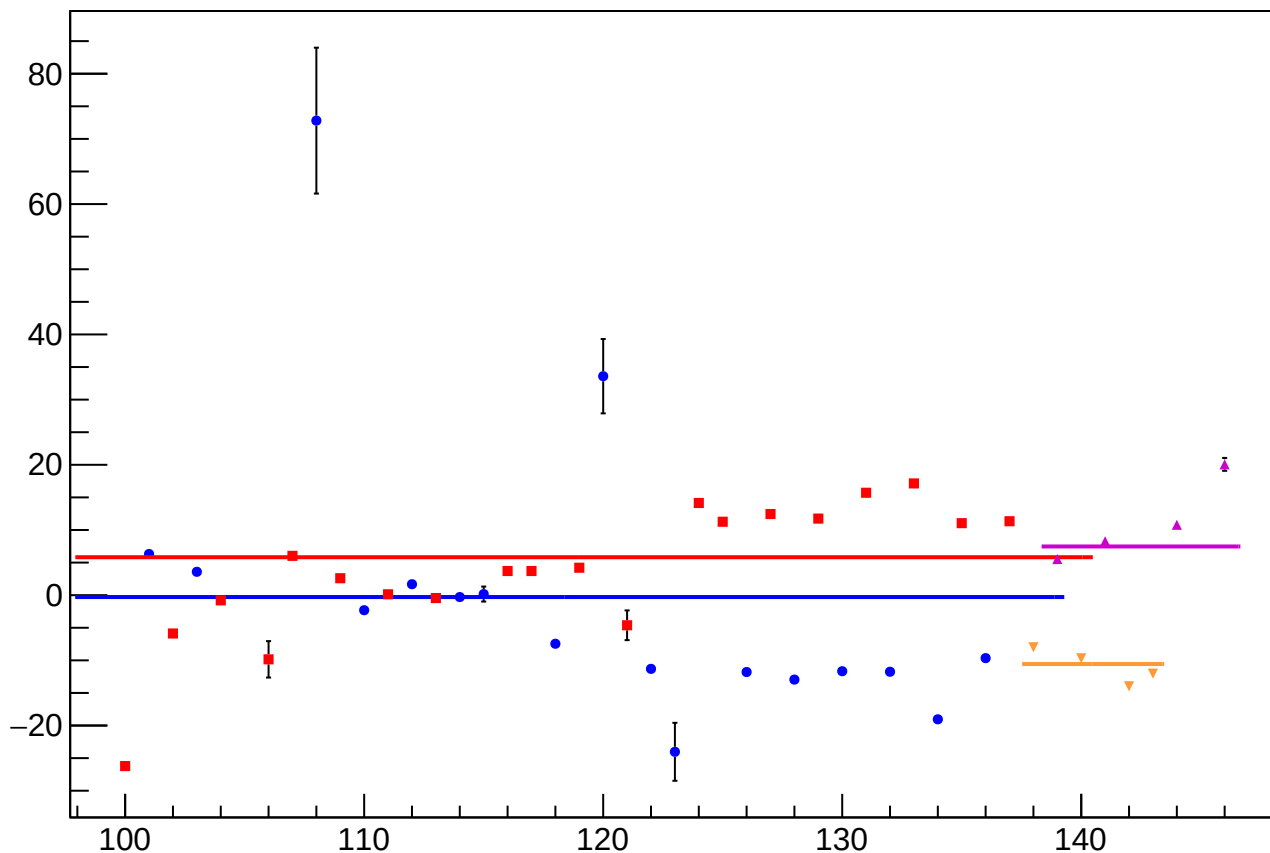
Left In: -8.708 ± 0.062 χ^2/NDF : 1335.5/3

3.778 ± 0.000 χ^2/NDF : 12155.3/20

3.778 ± 0.000 χ^2/NDF : 216240.0/44

-6.140 ± 0.023 χ^2/NDF : 25707.1/23

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -0.287 ± 0.000 $\chi^2/\text{NDF}: 44276.5/16$

Left Out: -10.563 ± 0.124 $\chi^2/\text{NDF}: 203.7/3$

Right Out: 5.821 ± 0.027 $\chi^2/\text{NDF}: 63671.7/19$

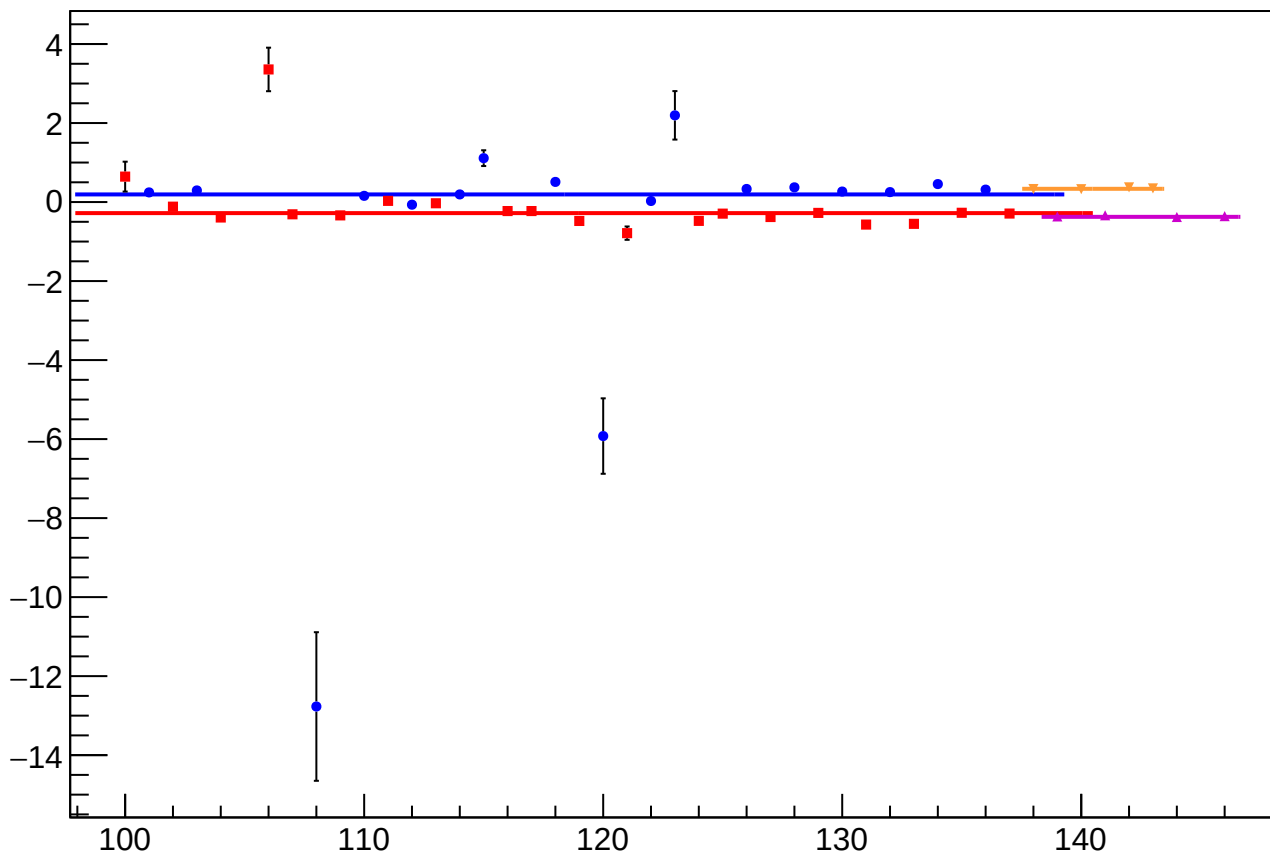
Left In: 7.471 ± 0.066 $\chi^2/\text{NDF}: 991.6/3$

-0.287 ± 0.000 $\chi^2/\text{NDF}: 51308.7/20$

-0.287 ± 0.000 $\chi^2/\text{NDF}: 181587.0/44$

6.055 ± 0.025 $\chi^2/\text{NDF}: 65197.8/23$

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 : 79.5/3

Right Out: -0.280 ± 0.001 χ^2/NDF : 6070.3/19

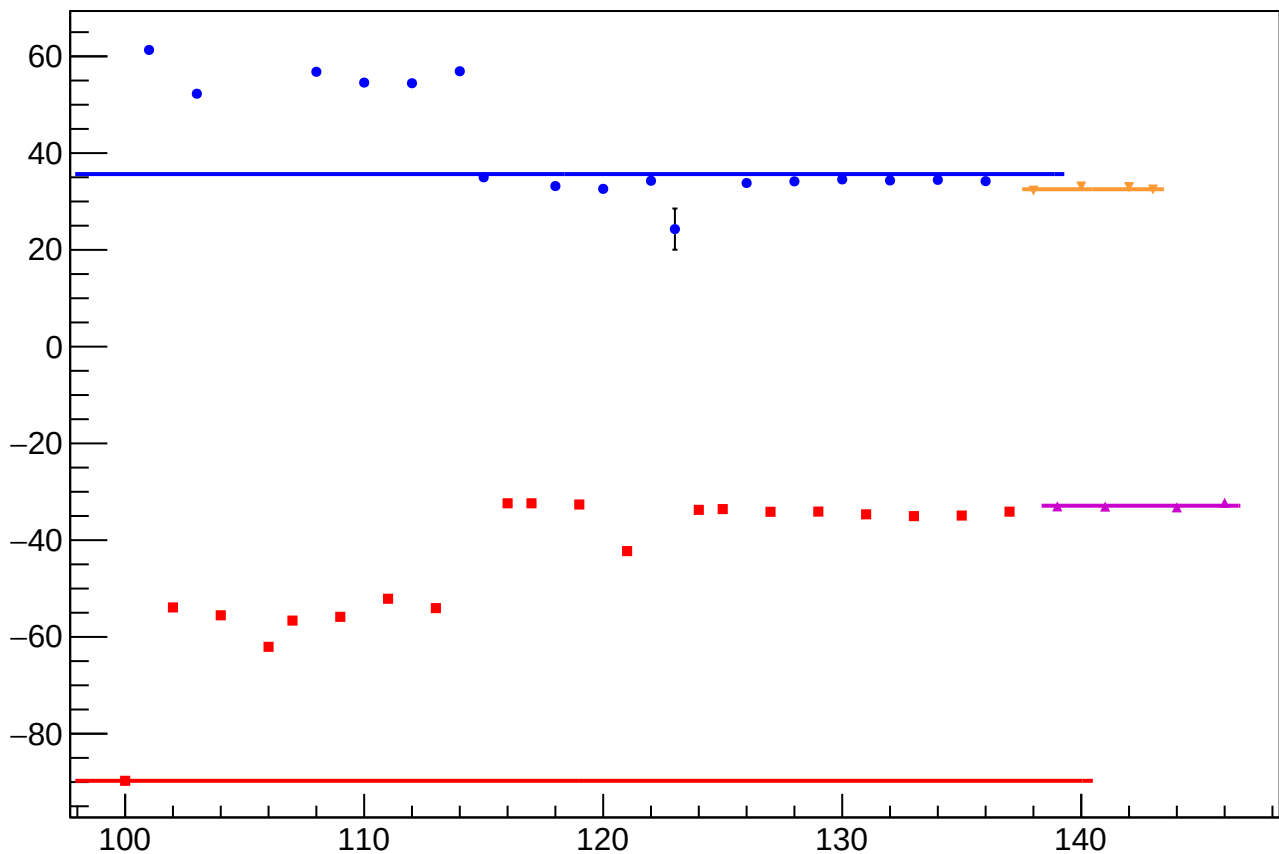
Left In: -0.374 ± 0.001 χ^2/NDF : 71.5/3

0.193 ± 0.000 χ^2/NDF : 23600.2/20

0.193 ± 0.000 χ^2/NDF : 328848.9/44

-0.334 ± 0.001 χ^2/NDF : 8484.3/23

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664±/0.011 χ^2/NDF : 218662.5/16

Left Out: 32.532±/0.015 χ^2/NDF : 449.6/3

Right Out: -89.735±/0.000 χ^2/NDF : 25816138.7/19

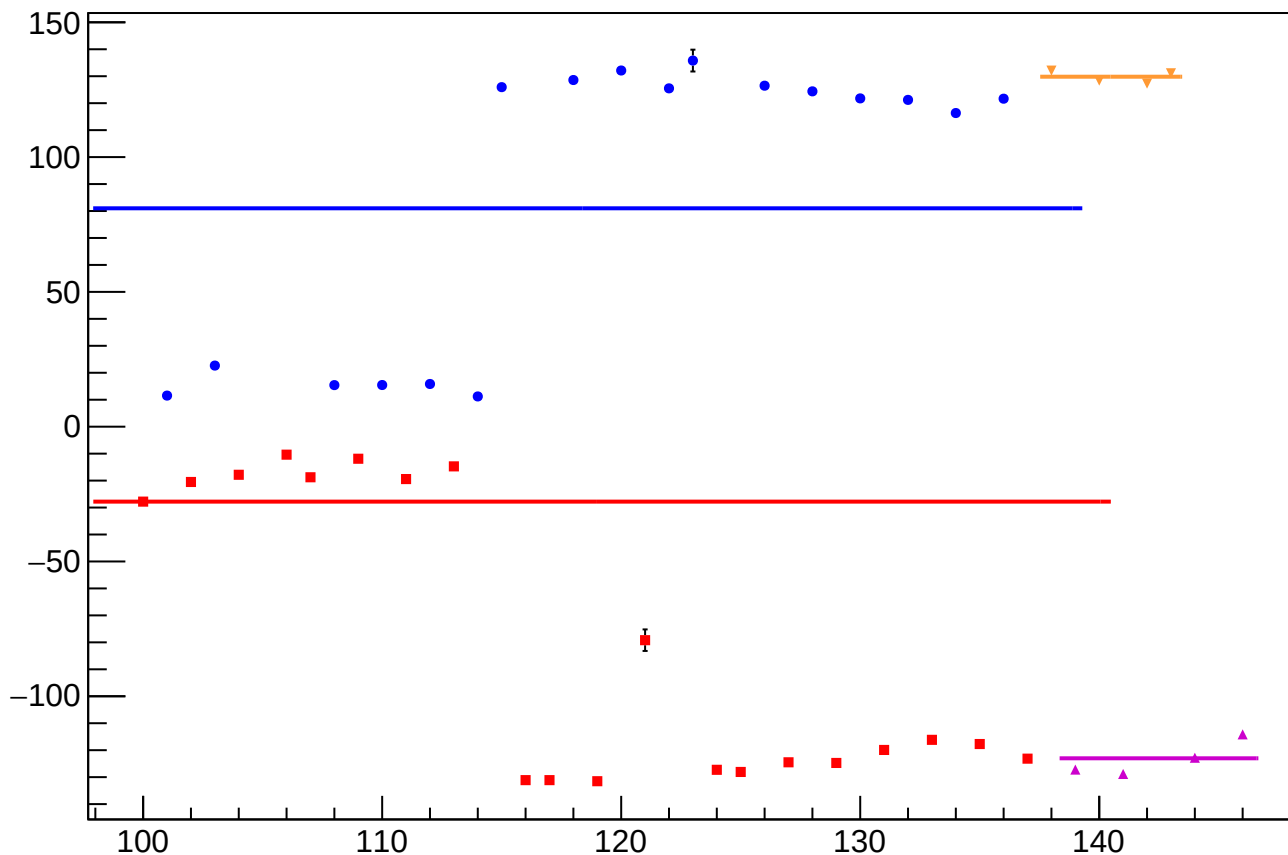
Left In: -32.880±/0.013 χ^2/NDF : 828.7/3

34.497±/0.009 χ^2/NDF : 247399.3/20

-89.735±/0.000 χ^2/NDF : 234314276.4/4

-89.735±/0.000 χ^2/NDF : 43702258.3/23

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005+/-0.035 χ^2/NDF : 2228881.4/16

Left Out: 129.820+/-0.037 χ^2/NDF : 2885.8/3

Right Out: -27.798+/-0.000 χ^2/NDF : 9194619.1/19

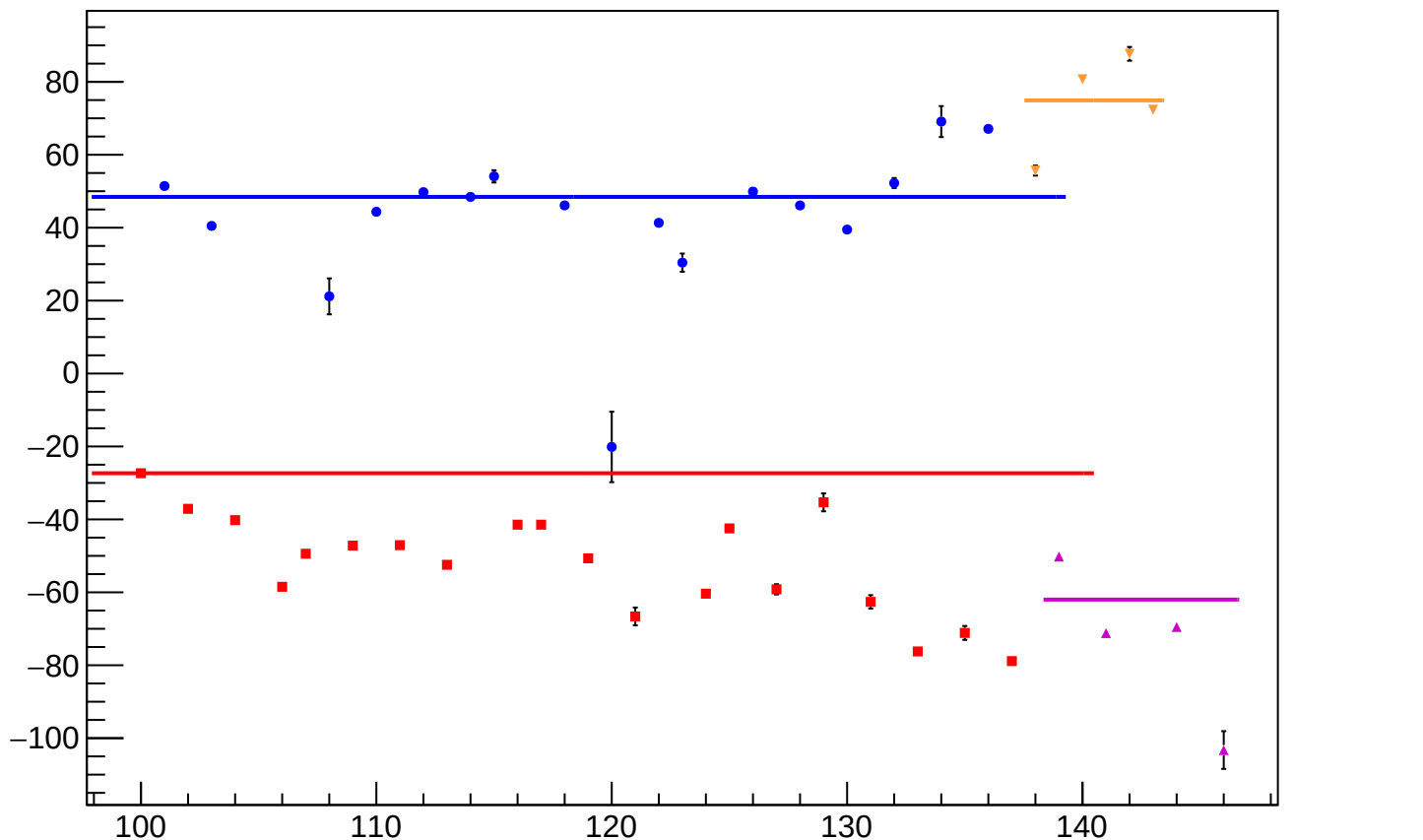
Left In: -123.012+/-0.050 χ^2/NDF : 15236.4/3

103.689+/-0.025 χ^2/NDF : 3160370.5/20

-27.798+/-0.000 χ^2/NDF : 43055388.3/44

-27.798+/-0.000 χ^2/NDF : 12809425.4/23

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450 ± 0.000 $\chi^2/\text{NDF}: 2751.4/16$

Left Out: 74.919 ± 0.485 $\chi^2/\text{NDF}: 314.2/3$

Right Out: -27.342 ± 0.000 $\chi^2/\text{NDF}: 26331.1/19$

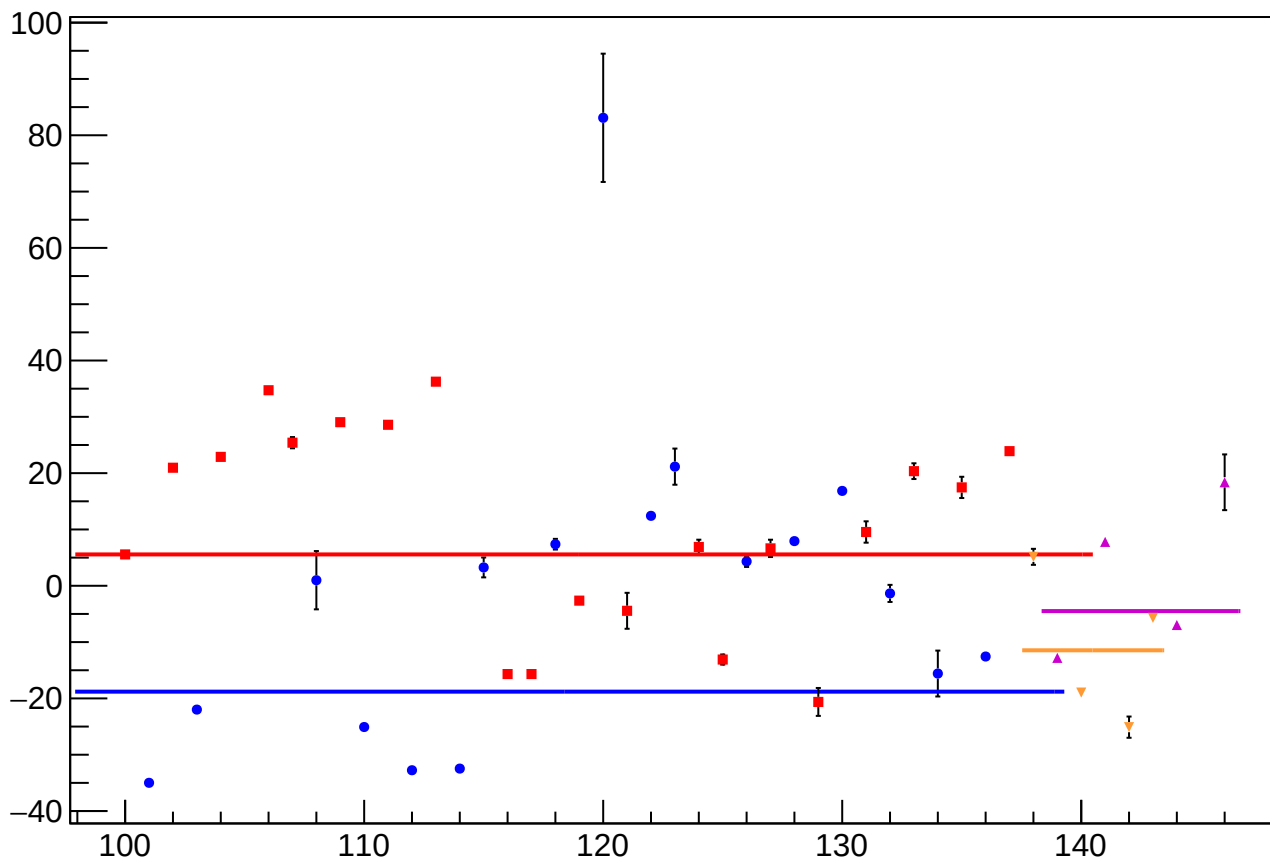
Left In: -61.992 ± 0.331 $\chi^2/\text{NDF}: 981.4/3$

48.450 ± 0.000 $\chi^2/\text{NDF}: 6048.1/20$

-23.670 ± 0.000 $\chi^2/\text{NDF}: 132325766337$

-27.342 ± 0.000 $\chi^2/\text{NDF}: 38286.6/23$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: -11.457 ± 0.486 χ^2/NDF : 345.9/3

Right Out: 5.568 ± 0.000 χ^2/NDF : 24057.5/19

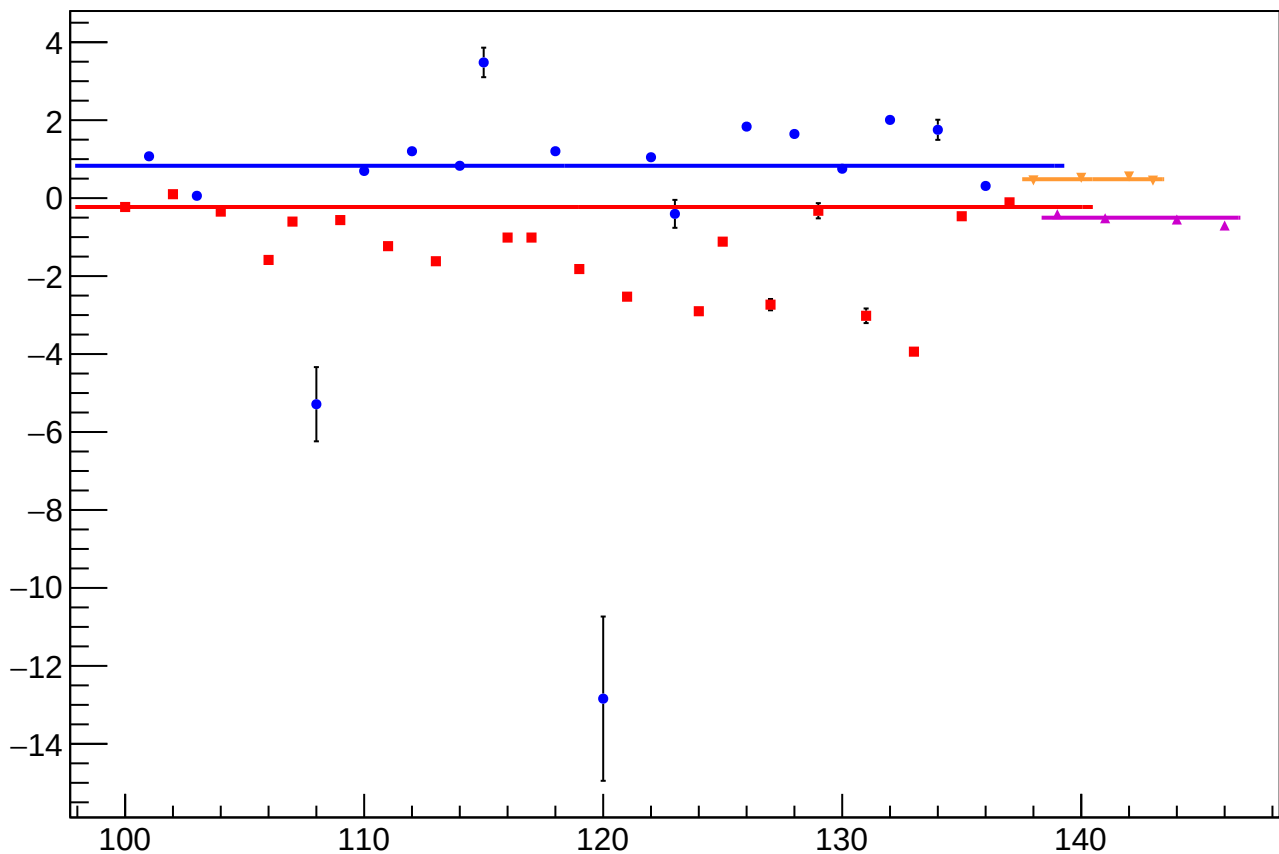
Left In: -4.493 ± 0.325 χ^2/NDF : 790.5/3

-18.174 ± 0.142 χ^2/NDF : 12319.3/20

5.568 ± 0.000 χ^2/NDF : 66090.6/44

5.568 ± 0.000 χ^2/NDF : 25804.3/23

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.485 ± 0.003 χ^2/NDF : 202.8/3

Right Out: -0.227 ± 0.000 χ^2/NDF : 12548.7/19

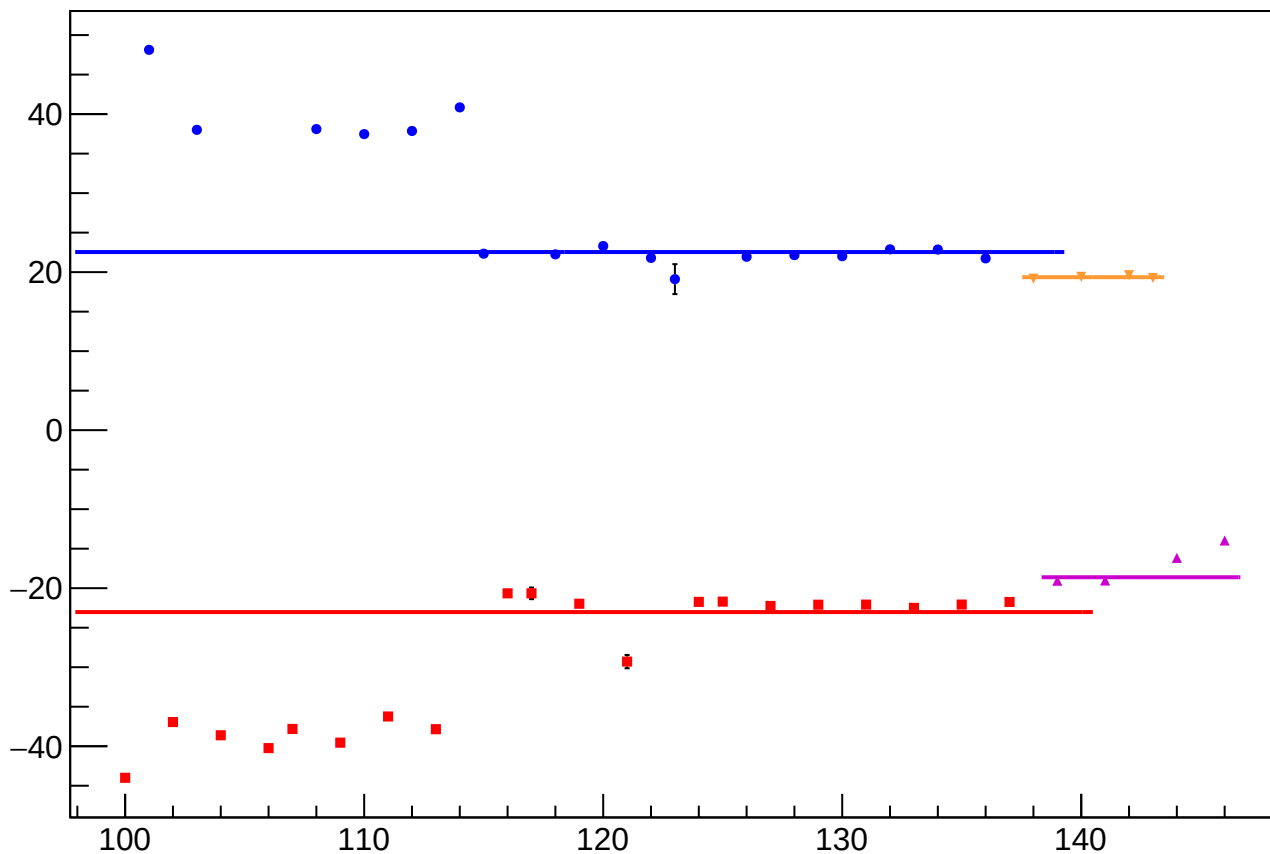
Left In: -0.502 ± 0.003 χ^2/NDF : 439.4/3

0.830 ± 0.000 χ^2/NDF : 30127.3/20

-0.119 ± 0.000 χ^2/NDF : 8952099166794

-0.227 ± 0.000 χ^2/NDF : 23820.0/23

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.543 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 19.359 $\pm$ 0.013 χ^2 /NDF: 134.7/3

Right Out: -23.022 $\pm$ 0.009 χ^2 /NDF: 165848.3/19

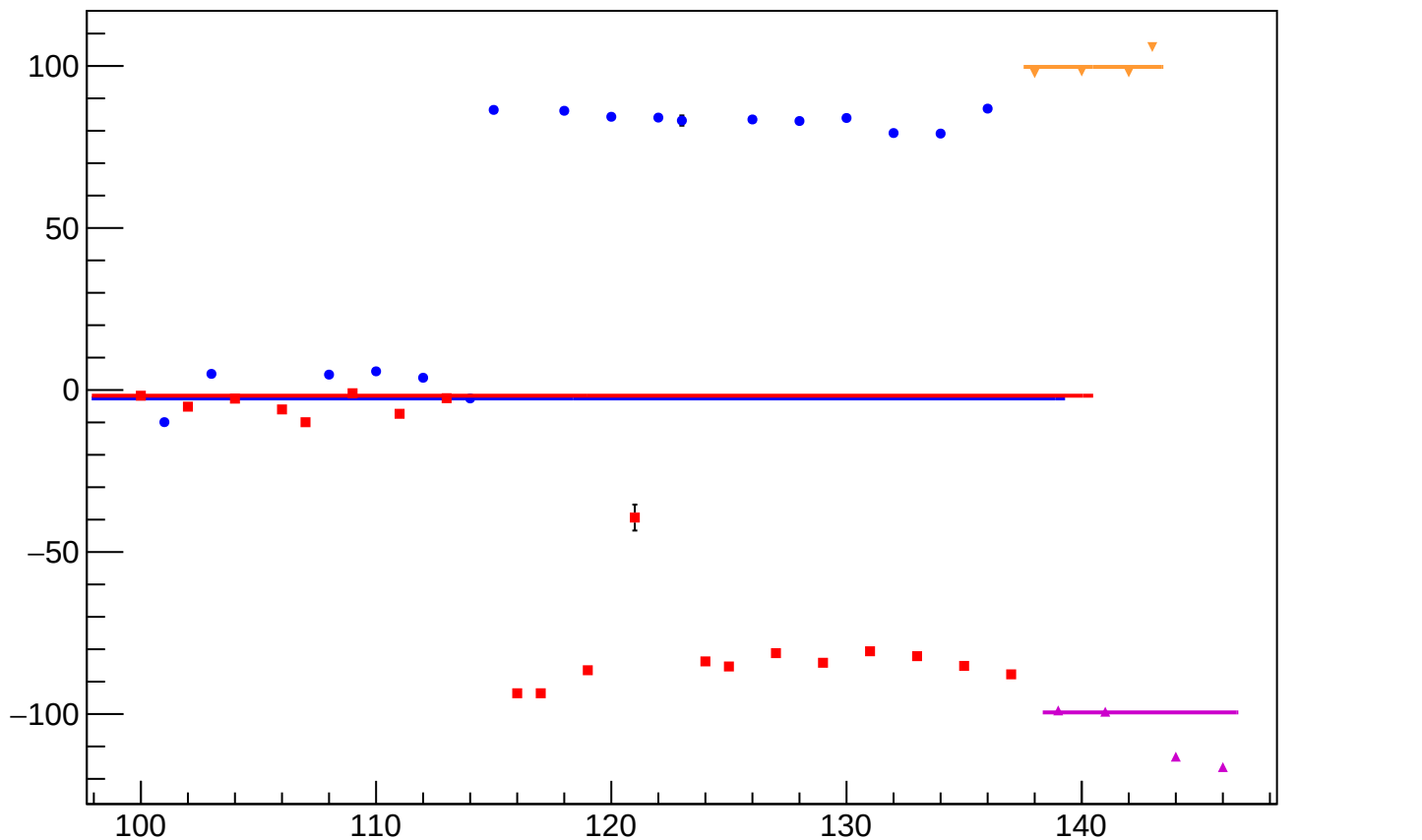
Left In: -18.615 $\pm$ 0.016 χ^2 /NDF: 7316.2/3

21.414 $\pm$ 0.007 χ^2 /NDF: 147064.0/20

0.707 $\pm$ 0.005 χ^2 /NDF: 16414832.7/44

-21.906 $\pm$ 0.008 χ^2 /NDF: 233294.8/23

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 99.706+/-0.030 χ^2/NDF :11203.6/3

Right Out: -1.758+/-0.000 χ^2/NDF : 4236707.9/19

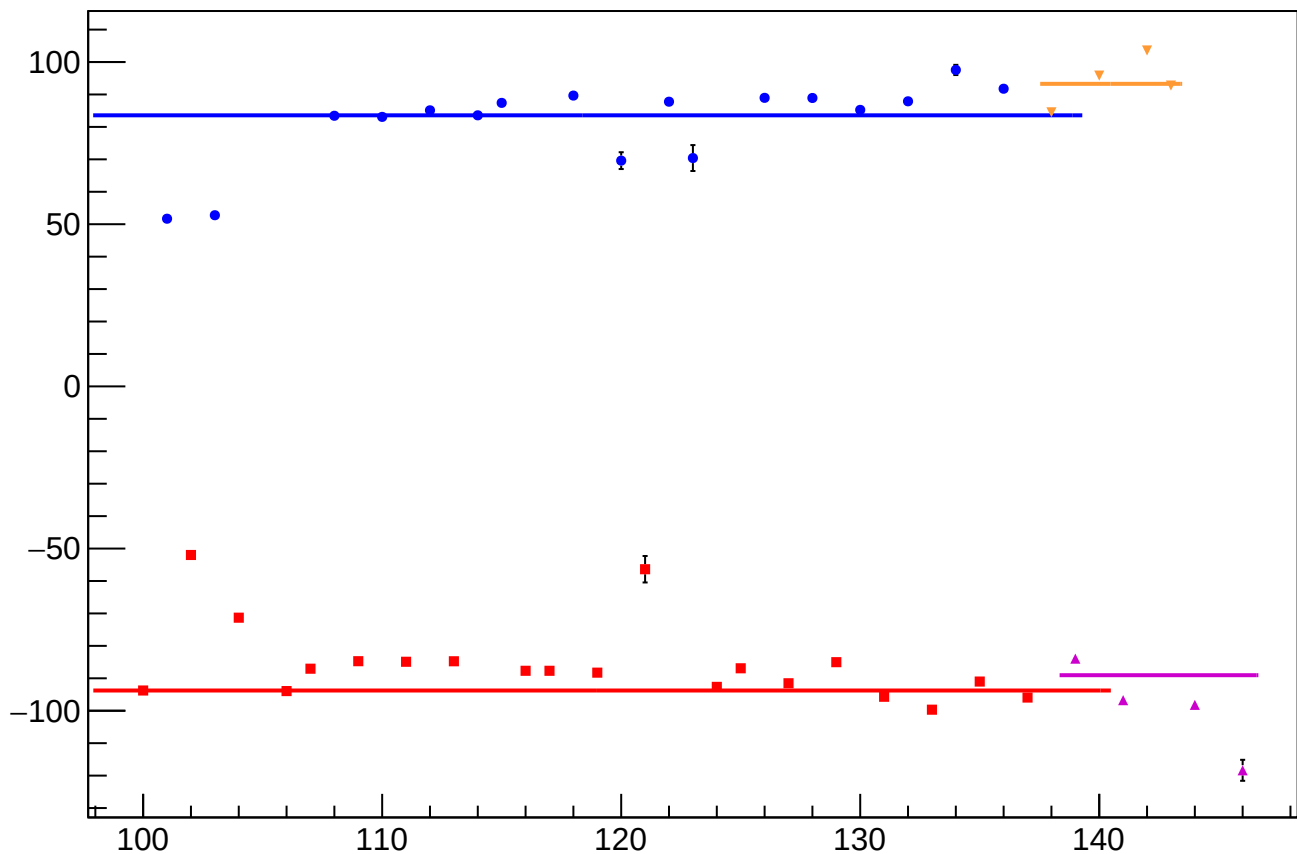
Left In: -99.492+/-0.031 χ^2/NDF :4680.3/3

-2.596+/-0.000 χ^2/NDF : 19012754.6/20

-2.300+/-0.000 χ^2/NDF : 1380717163323

-1.758+/-0.000 χ^2/NDF : 14392947.0/23

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573 $\pm$ 0.000 χ^2/NDF : 49468.0/16

Left Out: 93.278 $\pm$ 0.177 χ^2/NDF : 499.0/3

Right Out: -93.762 $\pm$ 0.000 χ^2/NDF : 85273.0/19

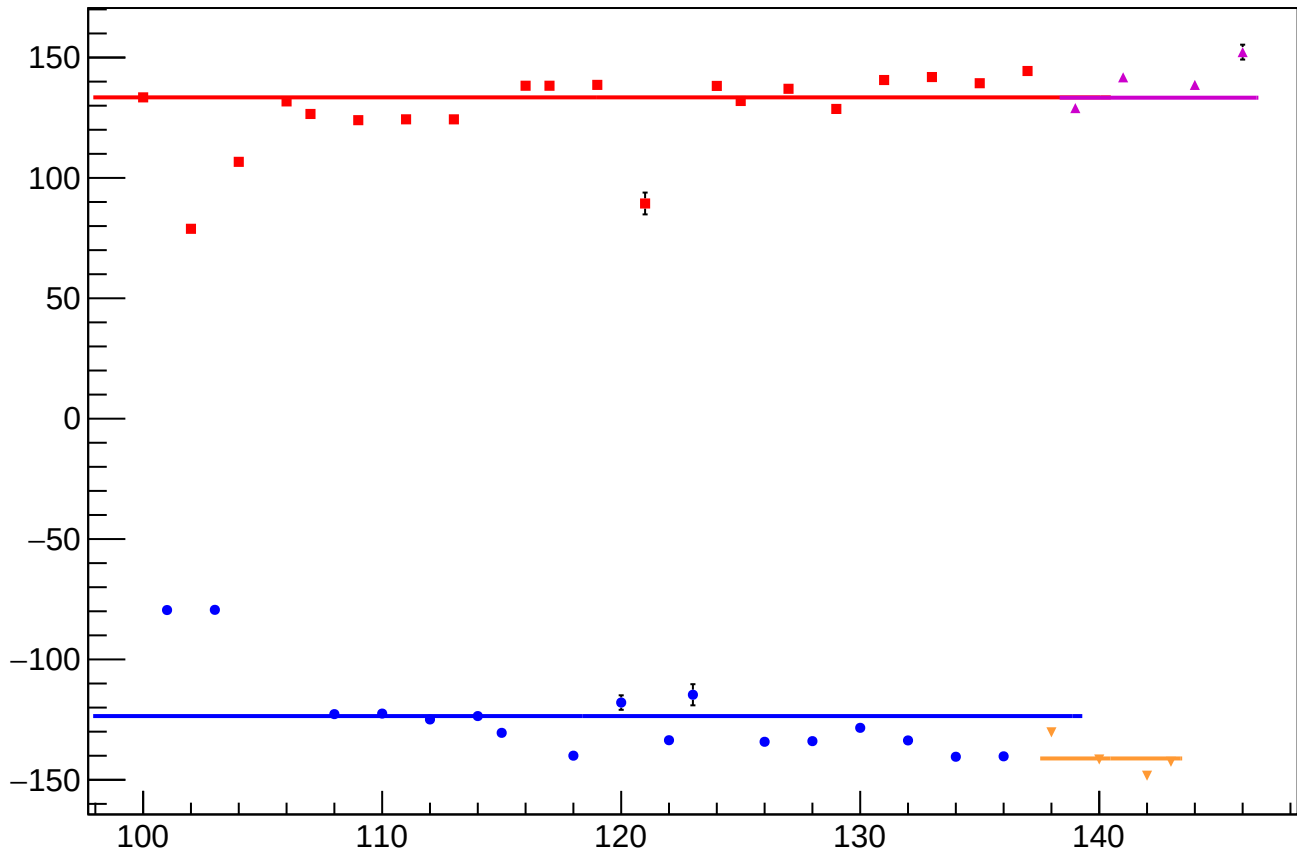
Left In: -89.042 $\pm$ 0.145 χ^2/NDF : 2091.1/3

83.573 $\pm$ 0.000 χ^2/NDF : 52988.6/20

20.984 $\pm$ 0.000 χ^2/NDF : 6045693090189

-93.762 $\pm$ 0.000 χ^2/NDF : 88423.4/23

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -123.524+/-0.000 χ^2/NDF : 160356.5/16

Left Out: -141.132+/-0.176 χ^2/NDF : 506.3/3

Right Out: 133.456+/-0.000 χ^2/NDF : 396347.1/19

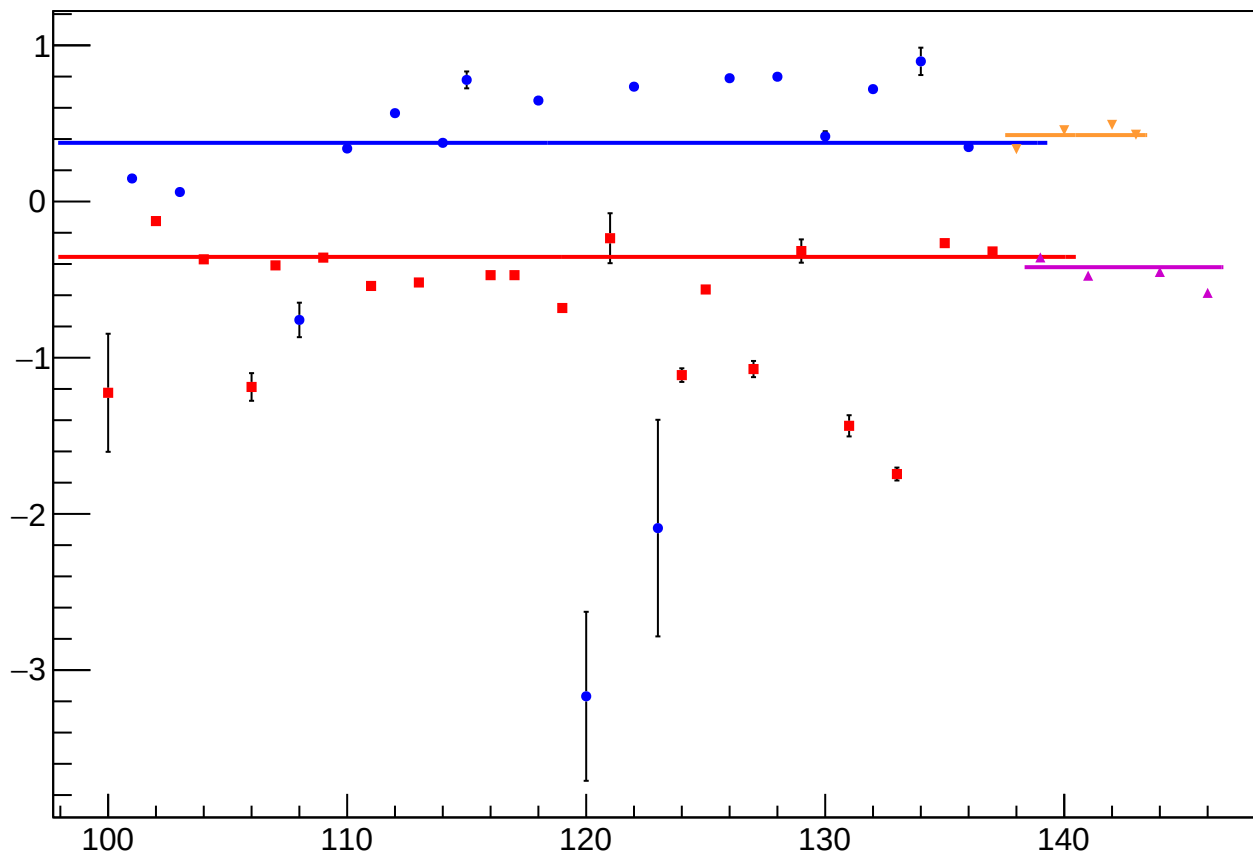
Left In: 133.320+/-0.139 χ^2/NDF : 1658.7/3

-123.524+/-0.000 χ^2/NDF : 170884.7/20

-92.687+/-0.000 χ^2/NDF : 431650658224

133.456+/-0.000 χ^2/NDF : 398006.8/23

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376 ± 0.000 χ^2/NDF : 3961.7/16

Left Out: 0.425 ± 0.001 χ^2/NDF : 635.1/3

Right Out: -0.354 ± 0.002 χ^2/NDF : 4618.1/19

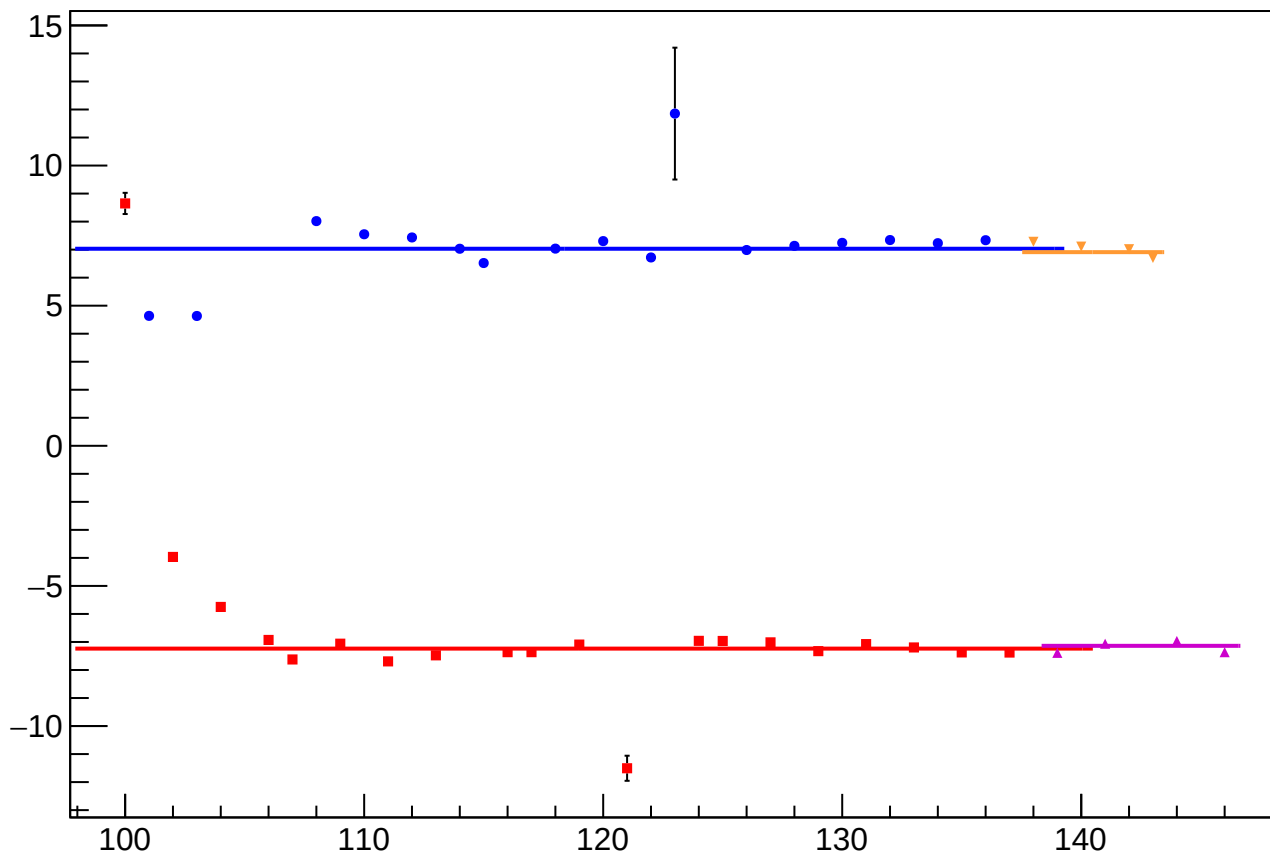
Left In: -0.420 ± 0.001 χ^2/NDF : 2649.6/3

0.376 ± 0.000 χ^2/NDF : 5835.2/20

0.376 ± 0.000 χ^2/NDF : 787546.1/44

-0.398 ± 0.001 χ^2/NDF : 8525.4/23

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 6.910 $\pm$ 0.003 χ^2 /NDF: 6561.3/3

Right Out: -7.237 $\pm$ 0.002 χ^2 /NDF: 10146.4/19

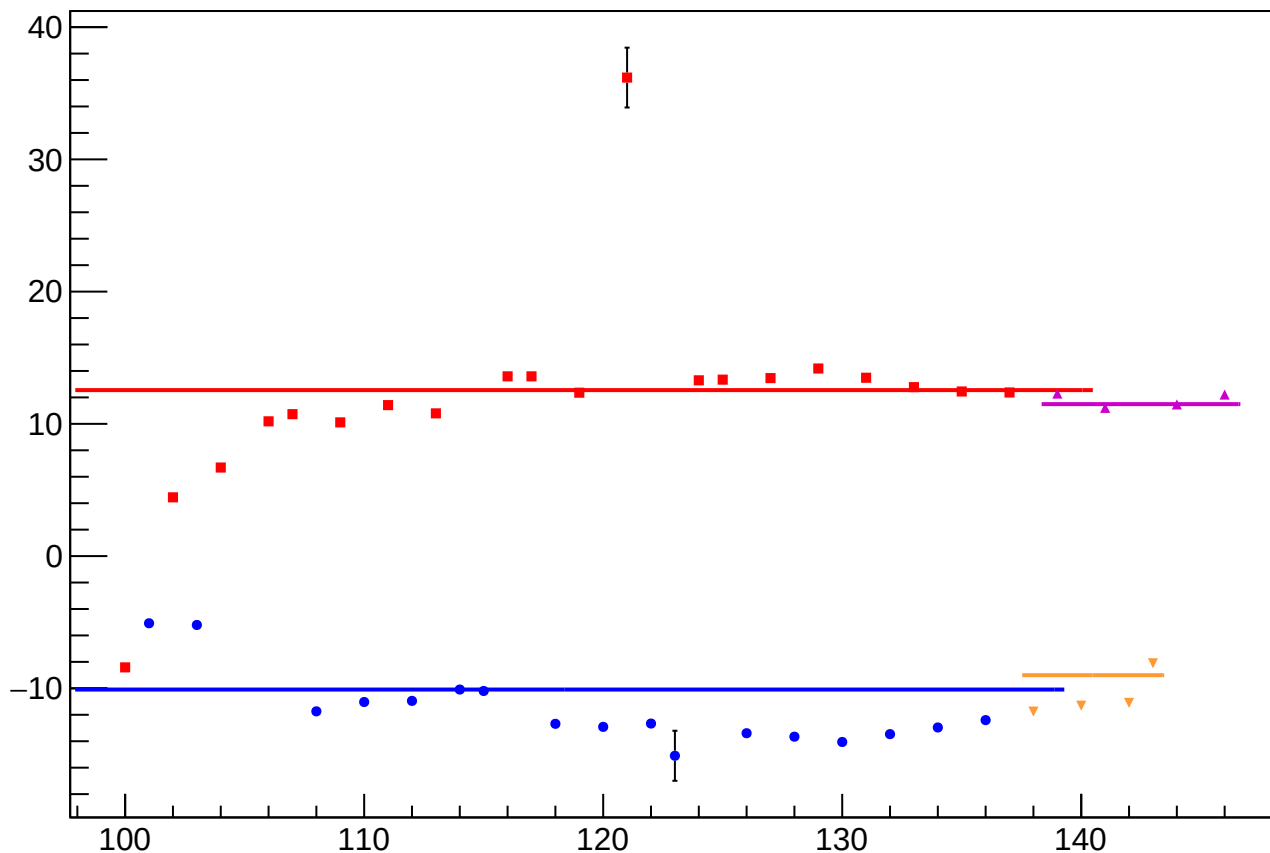
Left In: -7.138 $\pm$ 0.002 χ^2 /NDF: 5843.0/3

7.032 $\pm$ 0.000 χ^2 /NDF: 27991.2/20

7.032 $\pm$ 0.000 χ^2 /NDF: 71421363.5/44

-7.188 $\pm$ 0.002 χ^2 /NDF: 16858.0/23

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092+/-0.000 χ^2/NDF : 543504.2/16

Left Out: -9.006+/-0.005 χ^2/NDF : 83218.5/3

Right Out: 12.551+/-0.004 χ^2/NDF : 106791.1/19

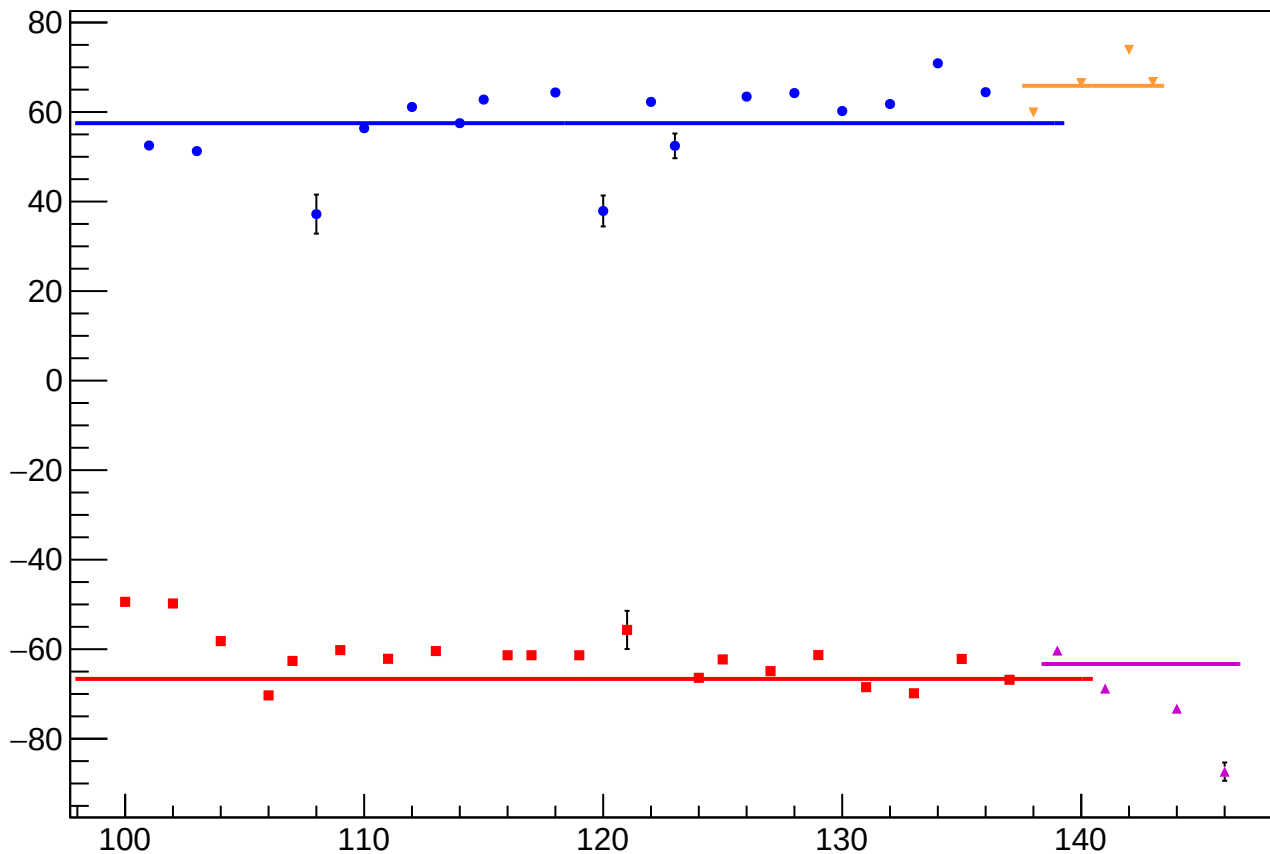
Left In: 11.492+/-0.007 χ^2/NDF : 3236.7/3

-10.092+/-0.000 χ^2/NDF : 672035.0/20

-10.092+/-0.000 χ^2/NDF : 47811991.7/44

12.330+/-0.003 χ^2/NDF : 127376.6/23

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510 ± 0.000 χ^2/NDF : 8108.6/16

Left Out: 65.857 ± 0.121 χ^2/NDF : 716.0/3

Right Out: -66.634 ± 0.013 χ^2/NDF : 8486.4/19

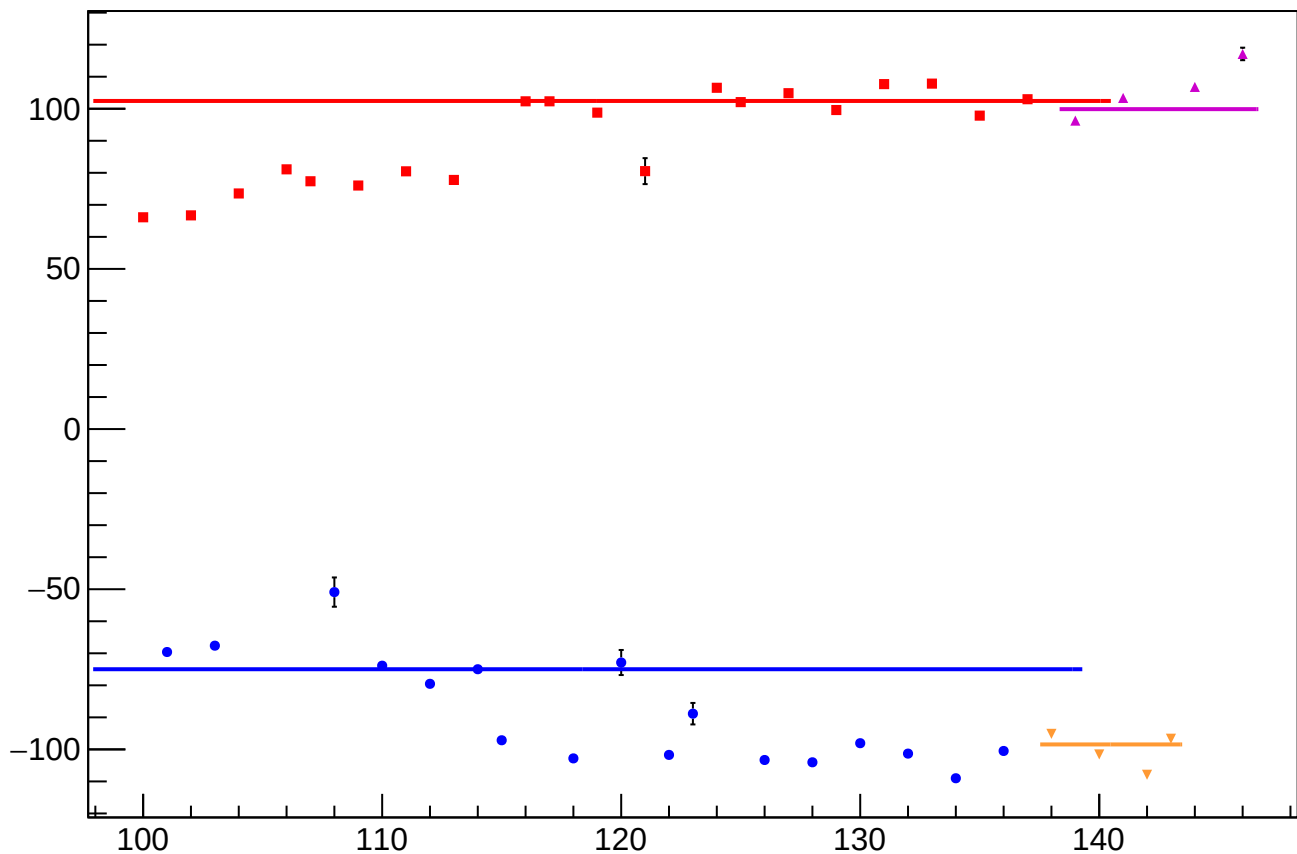
Left In: -63.305 ± 0.098 χ^2/NDF : 2324.1/3

57.510 ± 0.000 χ^2/NDF : 13602.0/20

57.510 ± 0.000 χ^2/NDF : 91873439.9/44

-66.577 ± 0.013 χ^2/NDF : 11939.2/23

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -98.450 ± 0.121 $\chi^2/\text{NDF}: 768.8/3$

Right Out: 102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.6/19$

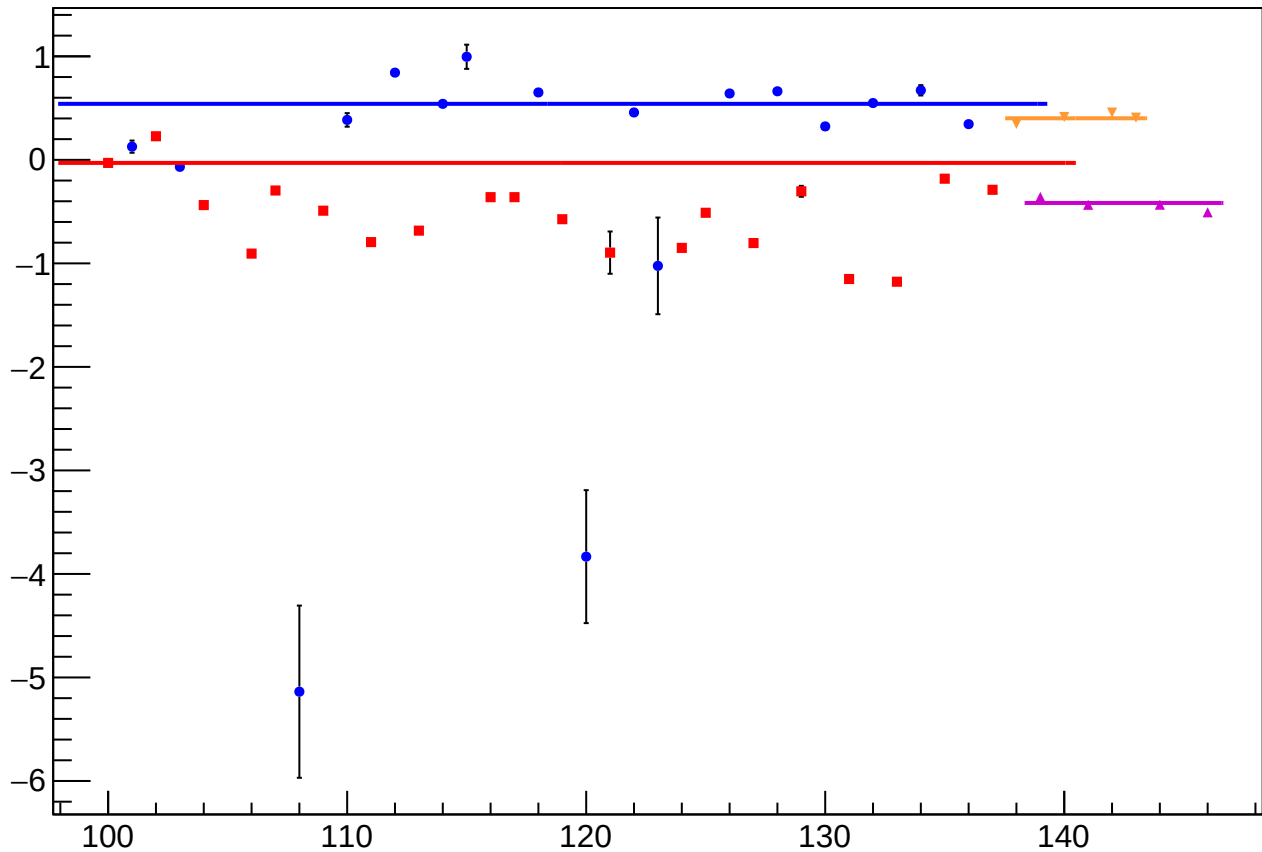
Left In: 99.875 ± 0.115 $\chi^2/\text{NDF}: 1331.4/3$

-74.974 ± 0.000 $\chi^2/\text{NDF}: 168808.7/20$

-74.974 ± 0.000 $\chi^2/\text{NDF}: 102018098.0/4$

102.371 ± 0.018 $\chi^2/\text{NDF}: 52187.1/23$

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 : 491.7/3

Right Out: -0.030 ± 0.000 χ^2/NDF : 121752.0/19

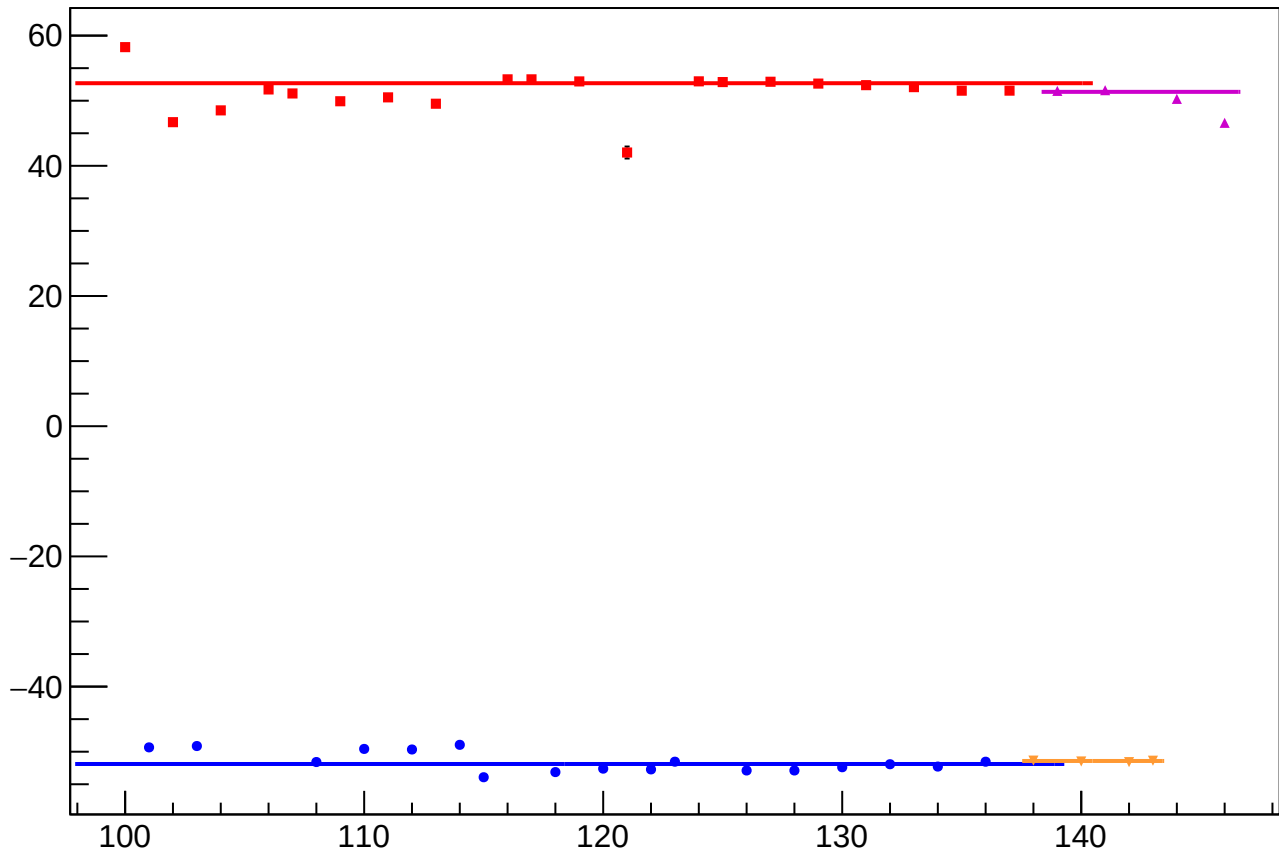
Left In: -0.416 ± 0.001 χ^2/NDF : 1069.7/3

0.541 ± 0.000 χ^2/NDF : 44493.7/20

-0.028 ± 0.000 χ^2/NDF : 29006030357409

-0.030 ± 0.000 χ^2/NDF : 277739.2/23

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888+/-0.002 χ^2/NDF : 77585.2/16

Left Out: -51.424+/-0.004 χ^2/NDF : 356.0/3

Right Out: 52.688+/-0.003 χ^2/NDF : 56462.4/19

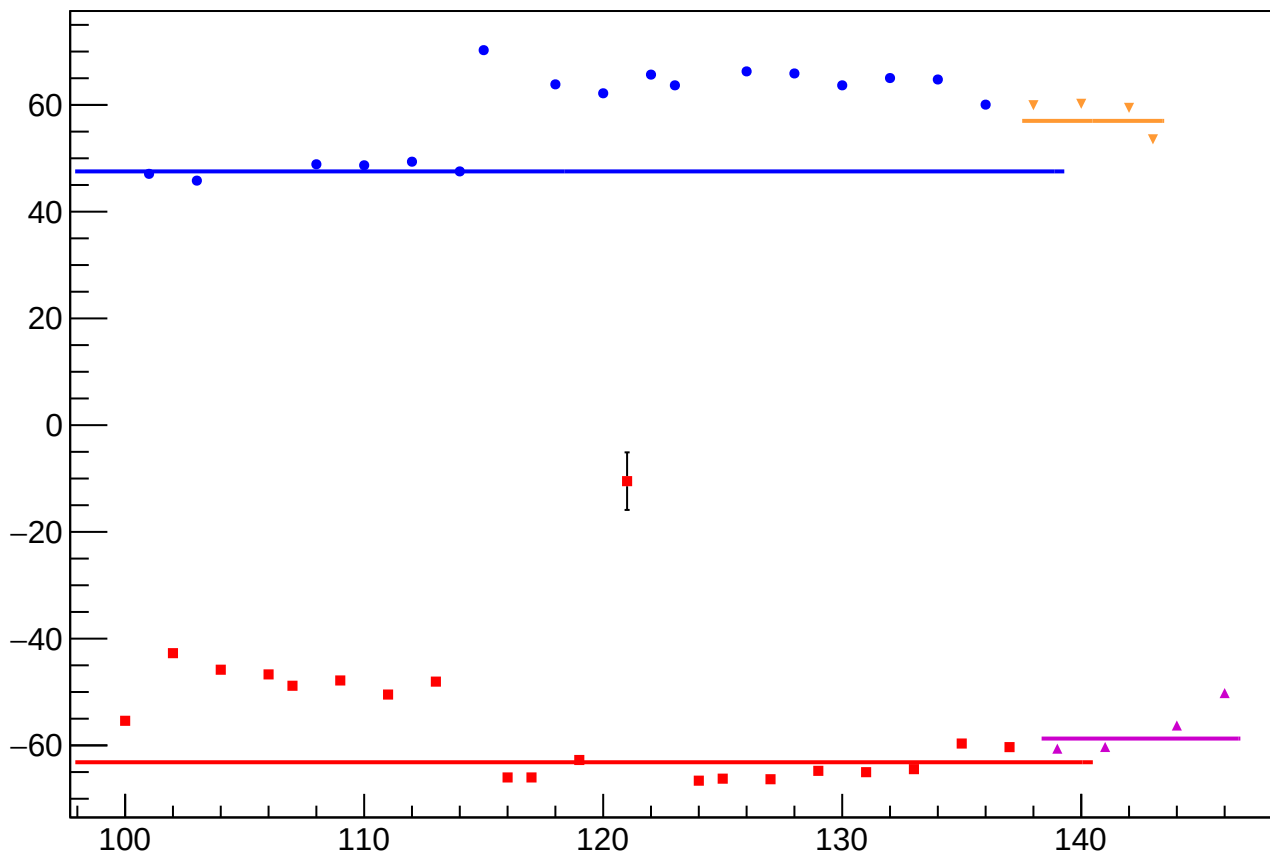
Left In: 51.360+/-0.004 χ^2/NDF : 67740.5/3

-51.792+/-0.002 χ^2/NDF : 86867.7/20

-3.084+/-0.001 χ^2/NDF : 1286708343.9/44

52.273+/-0.002 χ^2/NDF : 208714.3/23

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 47.545±/0.000 χ^2/NDF : 3491700.1/16

Left Out: 57.012±/0.008 χ^2/NDF :154645.5/3

Right Out: -63.161±/0.007 χ^2/NDF : 337052.2/19

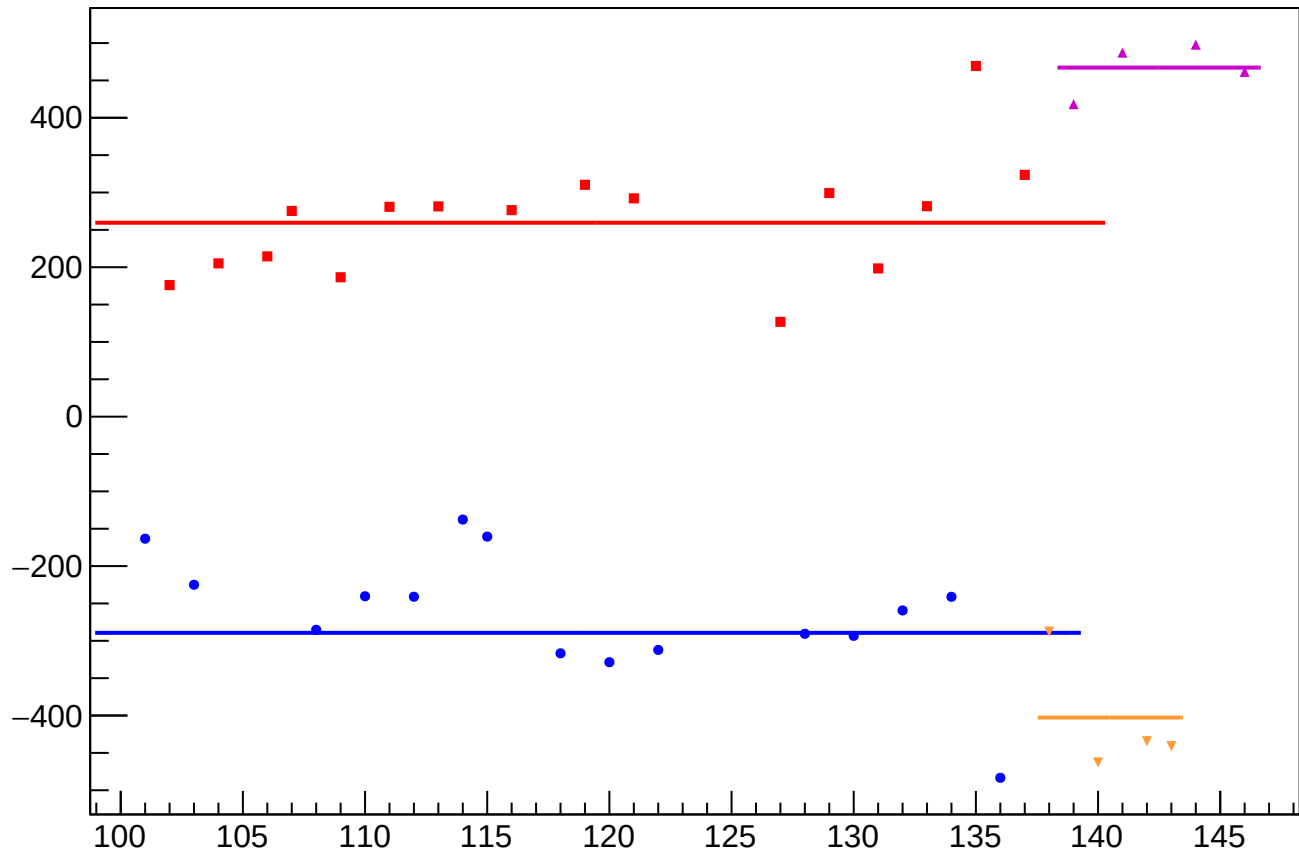
Left In: -58.723±/0.020 χ^2/NDF :27556.0/3

47.545±/0.000 χ^2/NDF : 5011028.7/20

47.545±/0.000 χ^2/NDF : 257346520.5/44

-62.640±/0.007 χ^2/NDF : 406902.6/23

dit_4aX_coil1_mean vs Slug, Sign Corrected



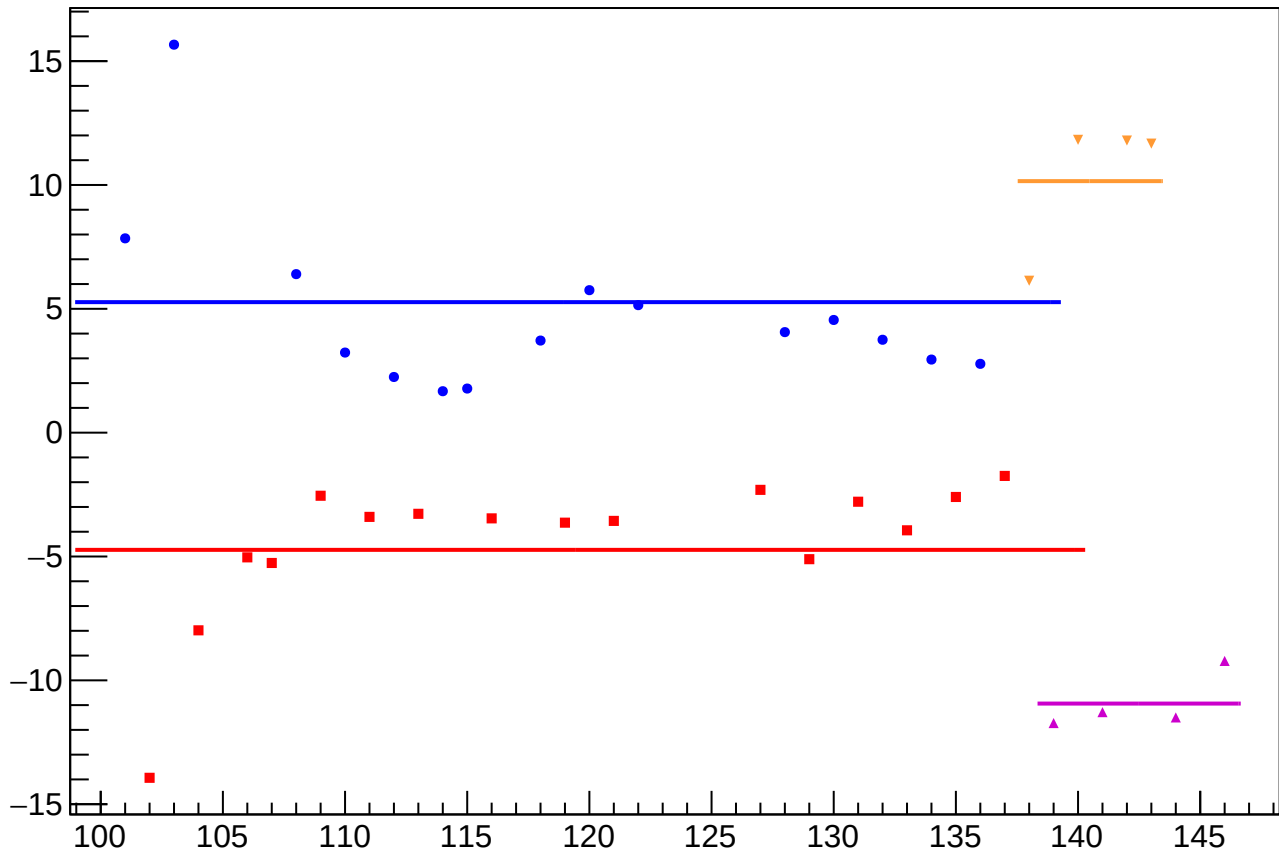
Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -402.677+/-0.000 χ^2/NDF : 1472818314619278679848426421927018496.0/3

Right Out: 259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

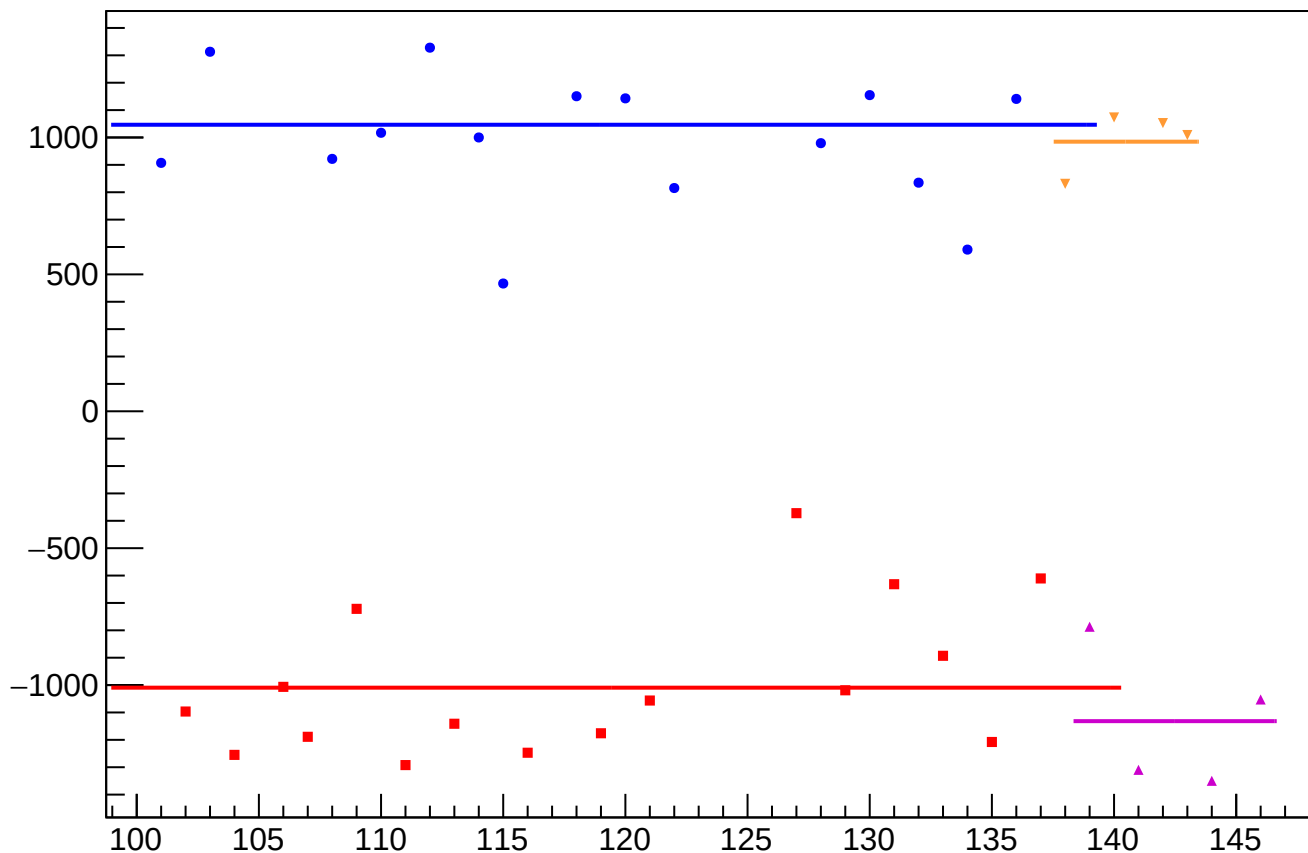
Left In: 467.179+/-0.000 χ^2/NDF : 314559826386023592589677083234402304.0/3

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 5.270 +/- 0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14
 Left Out: 10.155 +/- 0.000 χ^2/NDF : 1766600923496985699656532815249408.0/3
 Right Out: -4.732 +/- 0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15
 Left In: -10.938 +/- 0.000 χ^2/NDF : 334298387414422326603452612870144.0/3

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



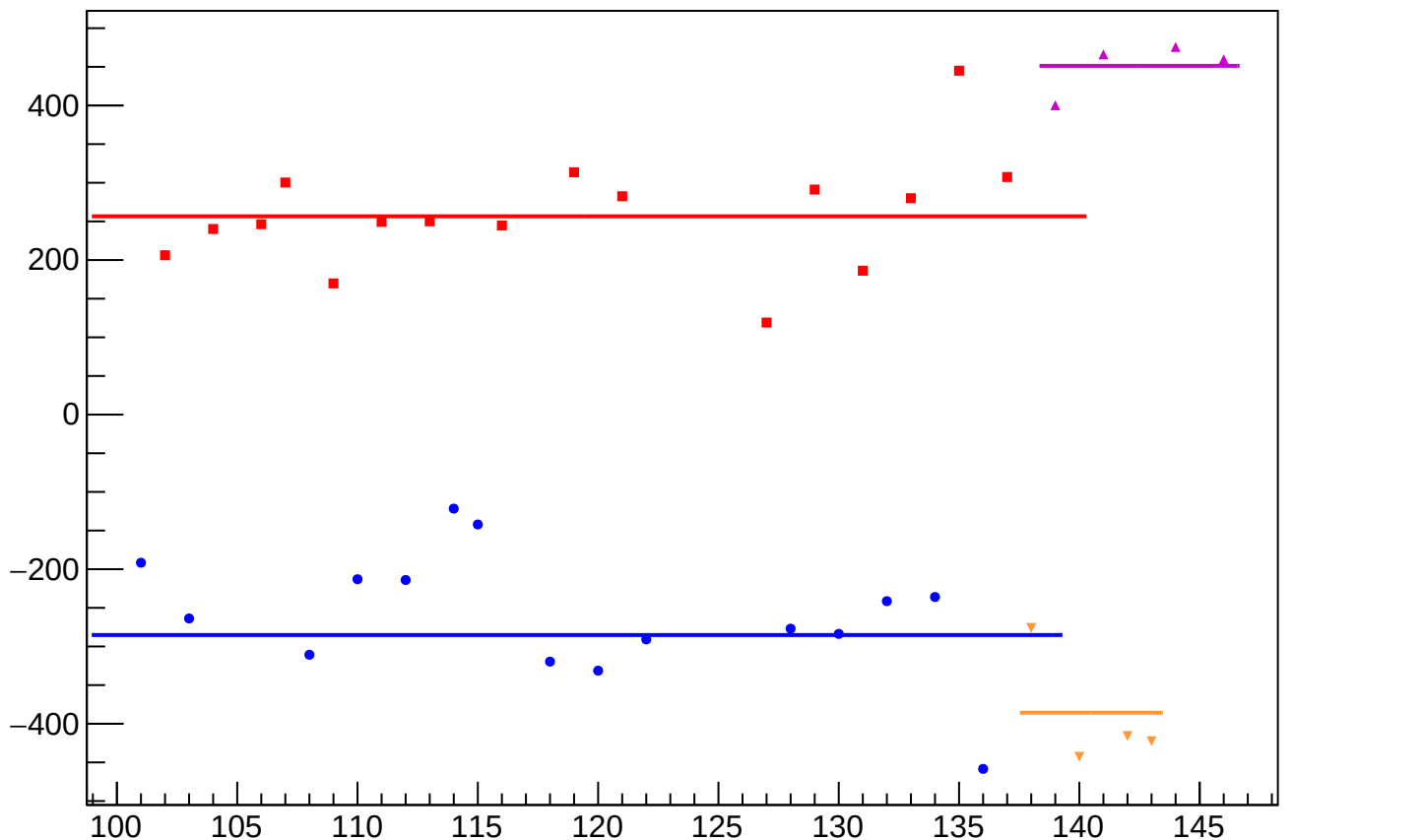
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

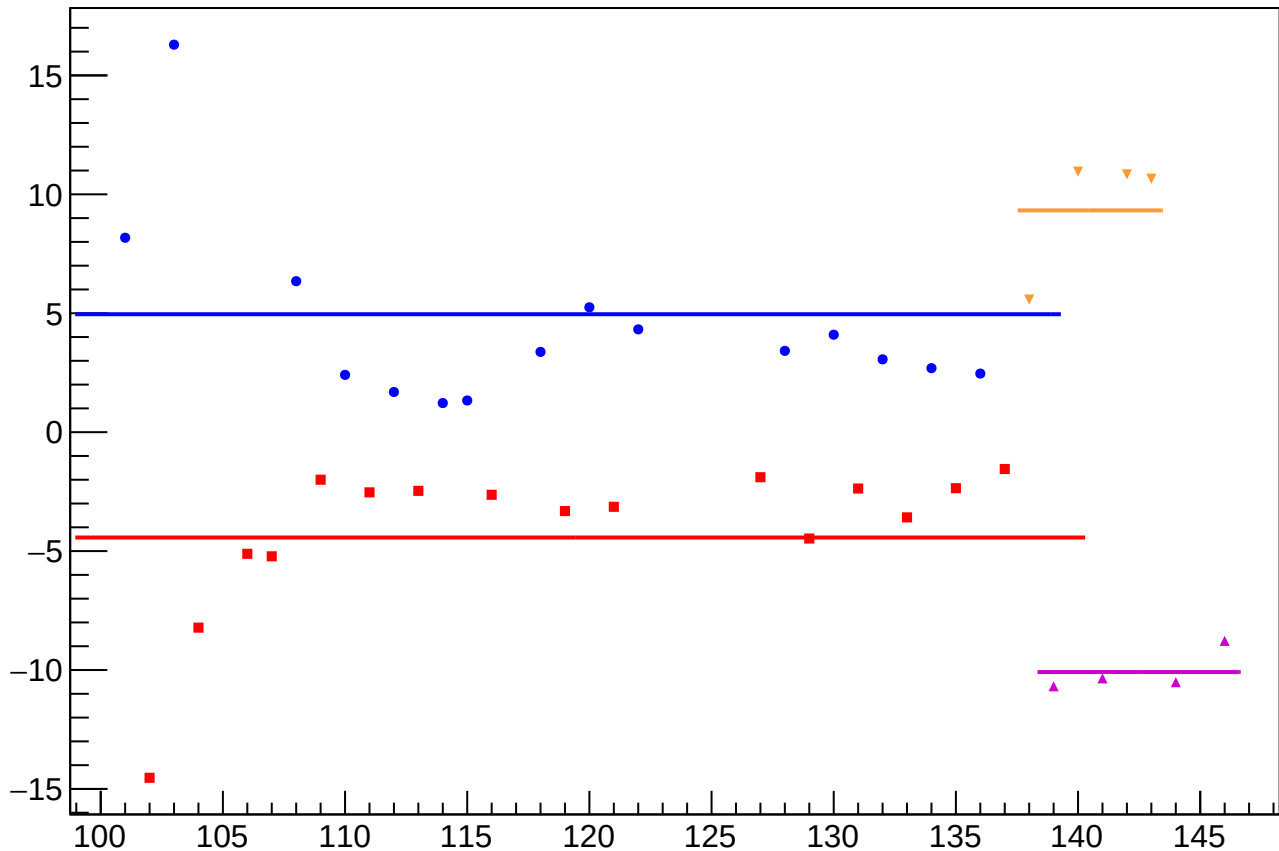
Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_4eX_coil1_mean vs Slug, Sign Corrected



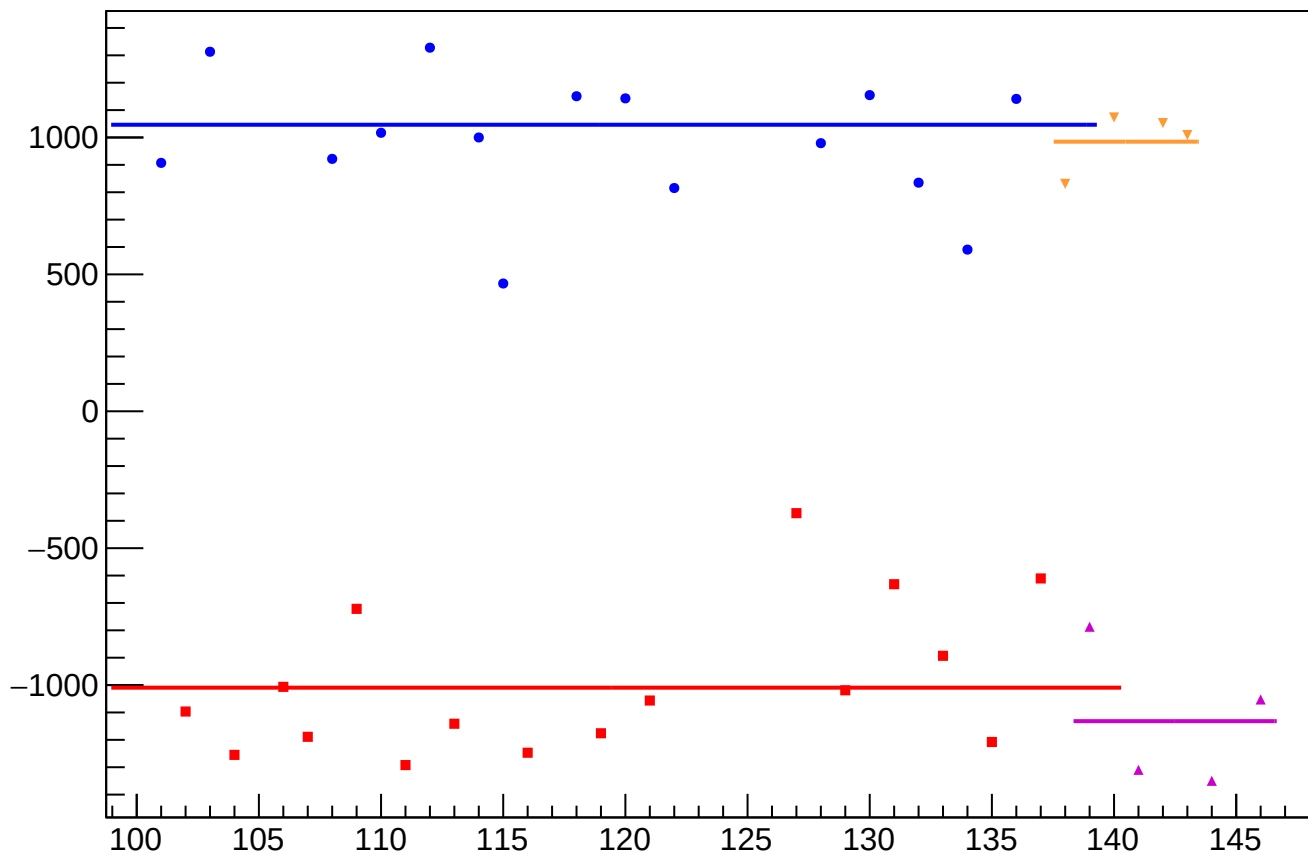
Right In: -285.187 $\pm$ 0.000 χ^2 /NDF: 4479585262853549838092521921291747328.0/14
 Left Out: -385.694 $\pm$ 0.000 χ^2 /NDF: 1338300286478112678860628555282251776.0/3
 Right Out: 256.599 $\pm$ 0.000 χ^2 /NDF: 3648271535971039165952602563191767040.0/15
 Left In: 451.303 $\pm$ 0.000 χ^2 /NDF: 288606625751146349404185605219287040.0/3

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959 $\pm$ 0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14
 Left Out: 9.325 $\pm$ 0.000 χ^2/NDF : 1538159689800764472080582286770176.0/3
 Right Out: -4.429 $\pm$ 0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15
 Left In: -10.085 $\pm$ 0.000 χ^2/NDF : 193574730158900479963766036889600.0/3

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



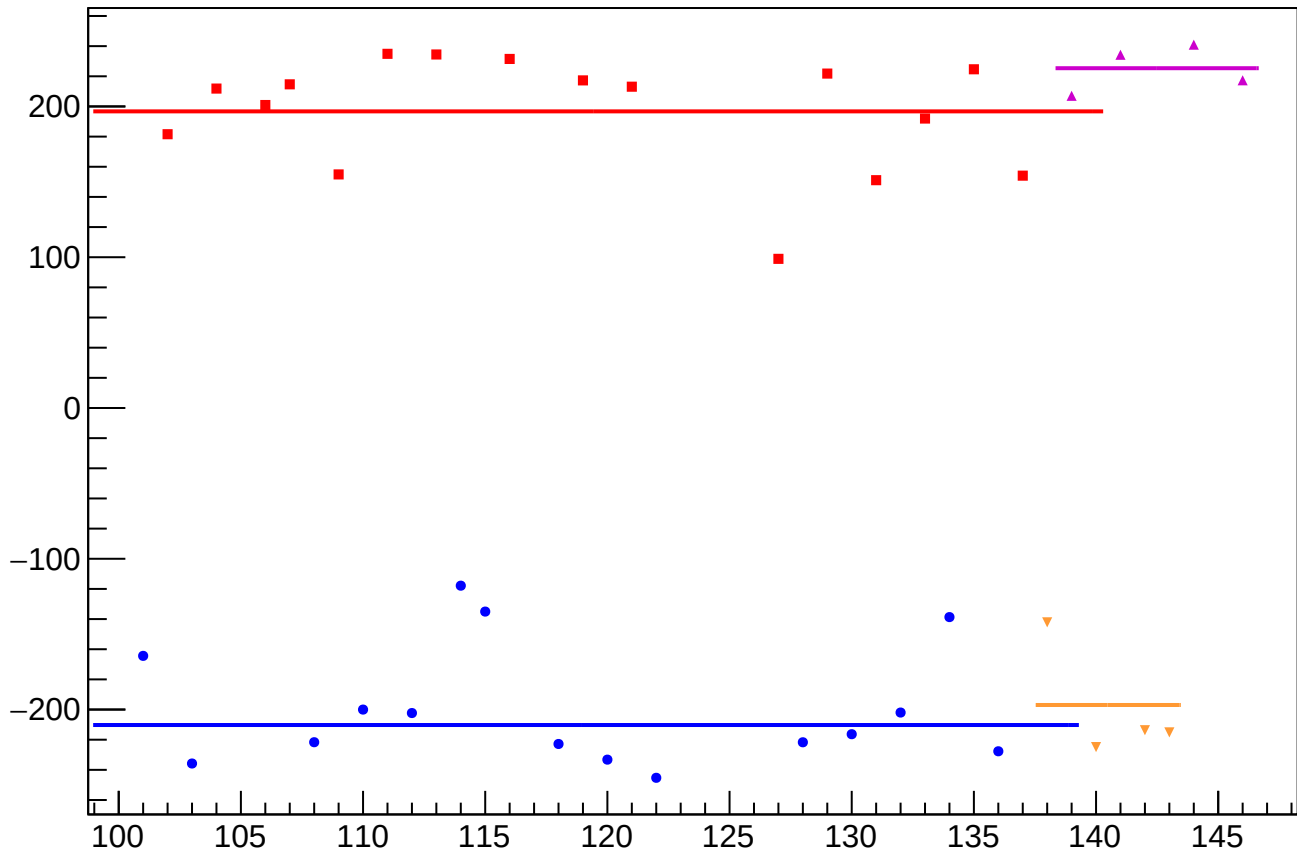
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

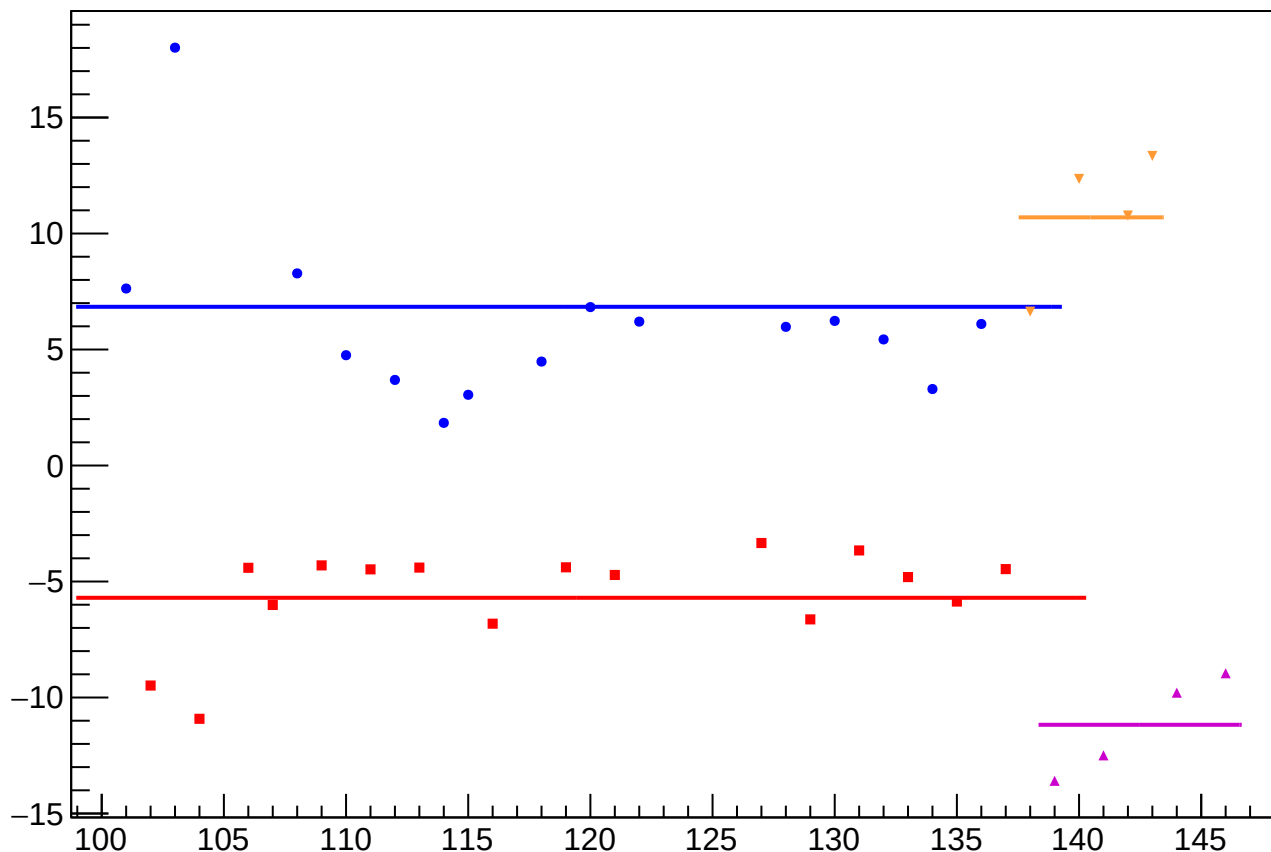
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_11X12X_coil1_mean vs Slug, Sign Corrected



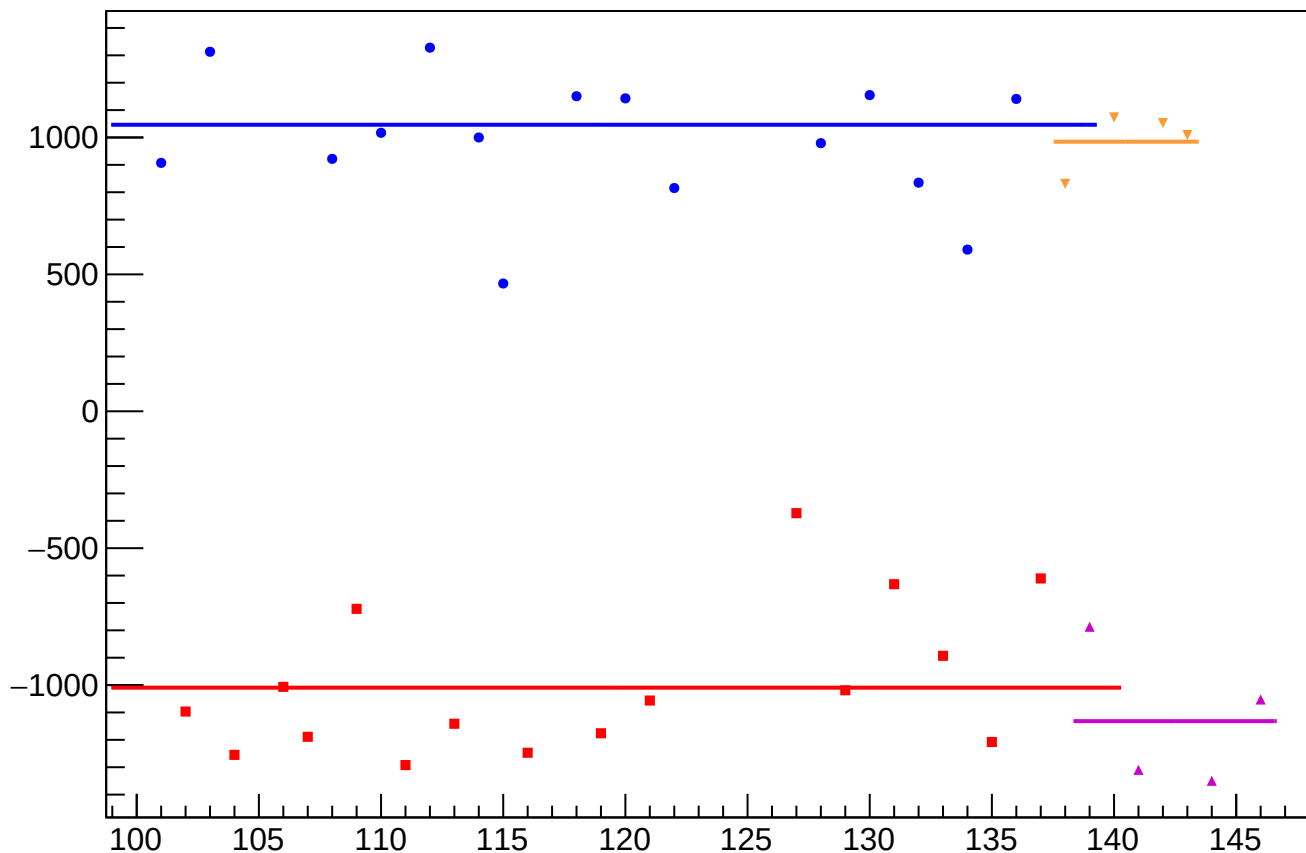
Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14
 Left Out: -196.979+/-0.000 χ^2/NDF : 333276241345123469350146800749641728.0/3
 Right Out: 196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15
 Left In: 225.364+/-0.000 χ^2/NDF : 60911932667602584922616750084718592.0/3

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 6.842 +/- 0.000 χ^2/NDF : 9355934166823324467316647620771840.0/14
 Left Out: 10.697 +/- 0.000 χ^2/NDF : 1983379583554364623948106942119936.0/3
 Right Out: -5.701 +/- 0.000 χ^2/NDF : 3174693398300953393137731791486976.0/15
 Left In: -11.175 +/- 0.000 χ^2/NDF : 1199818568767137776826994483265536.0/3

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



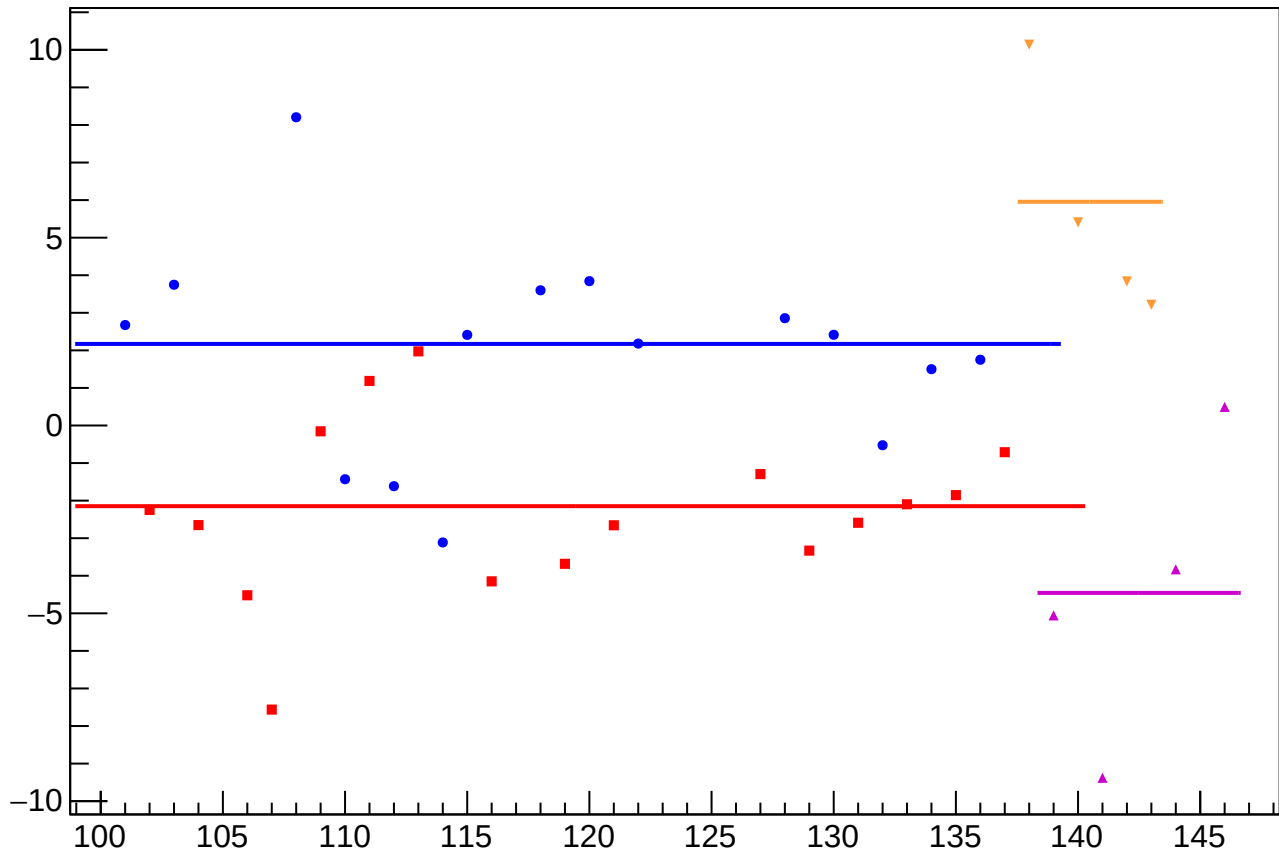
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

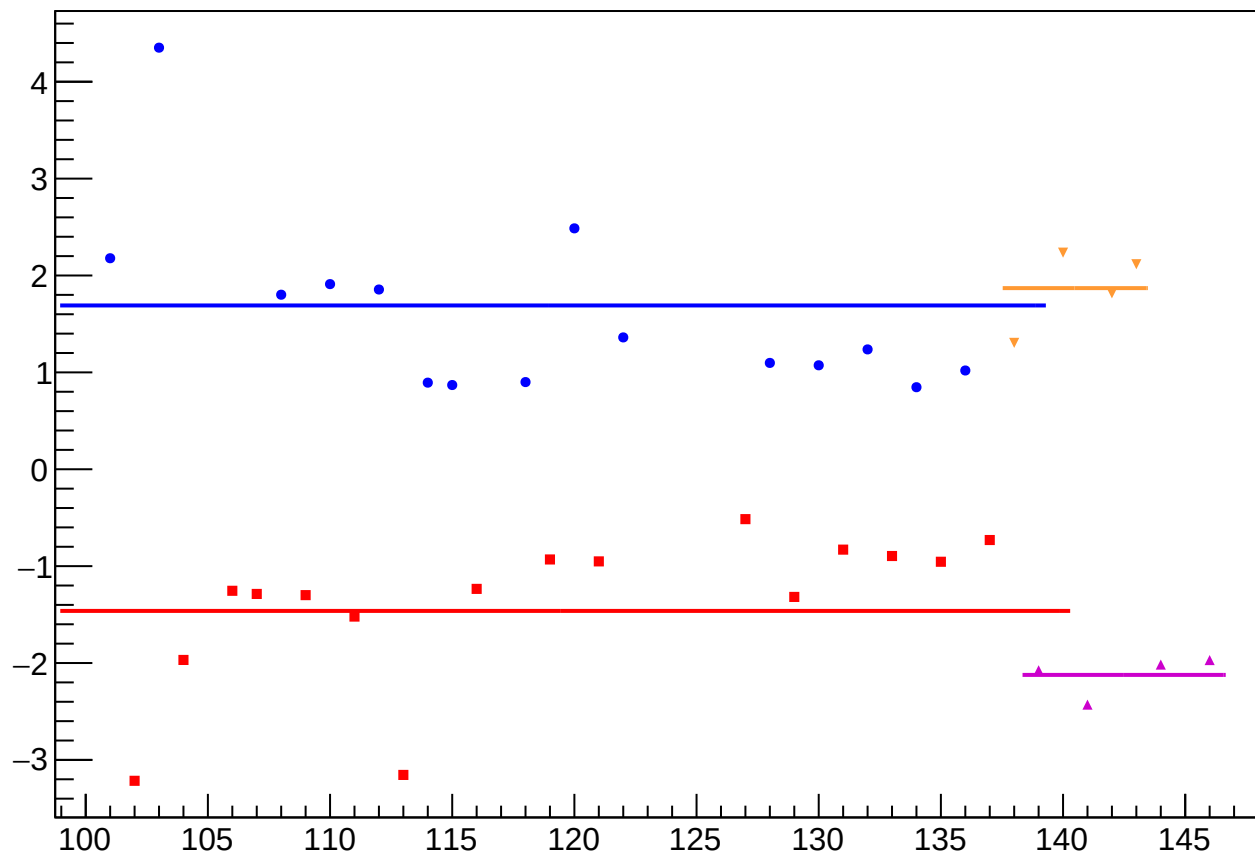
Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_4aY_coil1_mean vs Slug, Sign Corrected



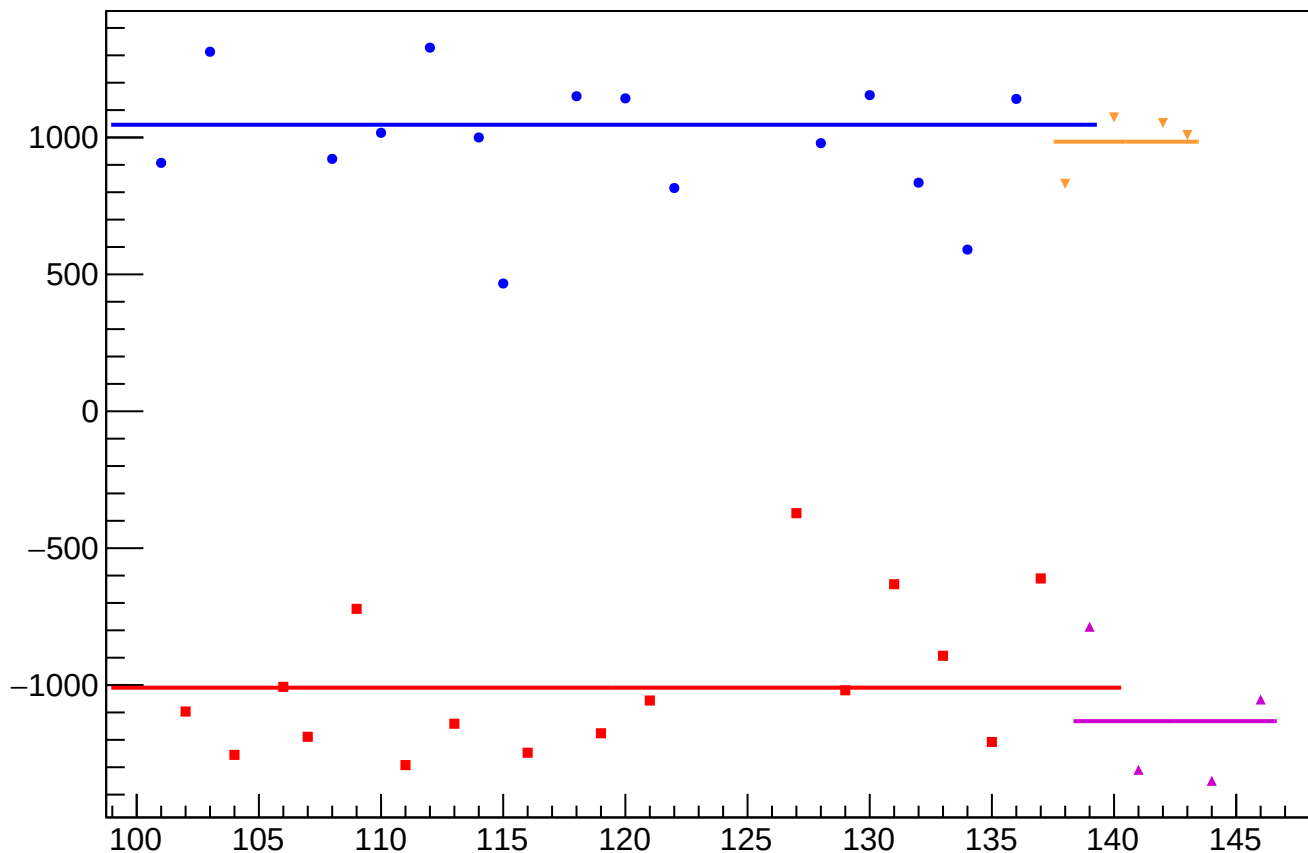
Right In: 2.171 $\pm$ 0.000 χ^2 /NDF: 3599819246909975678410499691642880.0/14
 Left Out: 5.955 $\pm$ 0.000 χ^2 /NDF: 2099399619917309908577258336944128.0/3
 Right Out: -2.148 $\pm$ 0.000 χ^2 /NDF: 3093887336239378959606321931878400.0/15
 Left In: -4.456 $\pm$ 0.000 χ^2 /NDF: 4158184965481864725350714022297600.0/3

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.870+/-0.000 χ^2/NDF : 40107644373138562112135911964672.0/3
 Right Out: -1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: -2.123+/-0.000 χ^2/NDF : 11133515911419796145450271113216.0/3

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



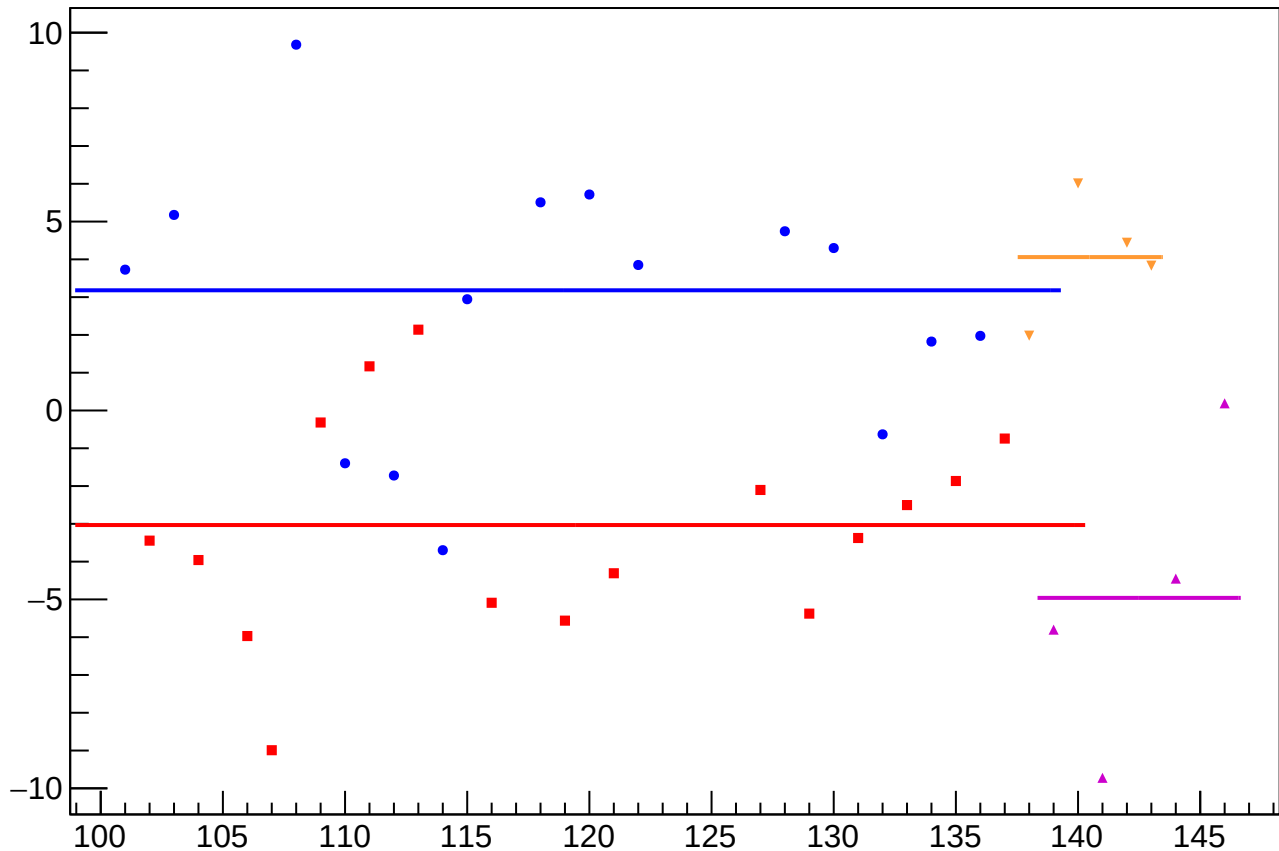
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

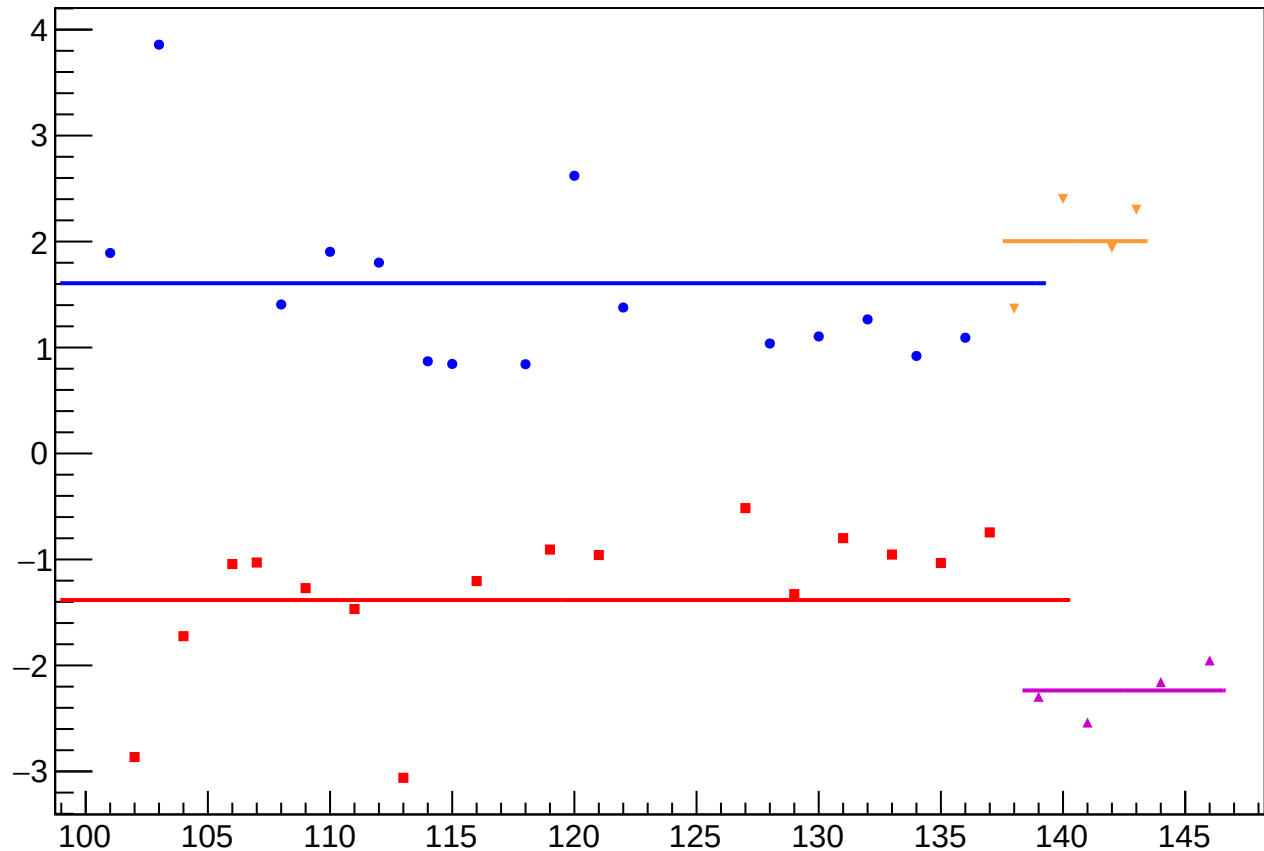
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_4eY_coil1_mean vs Slug, Sign Corrected



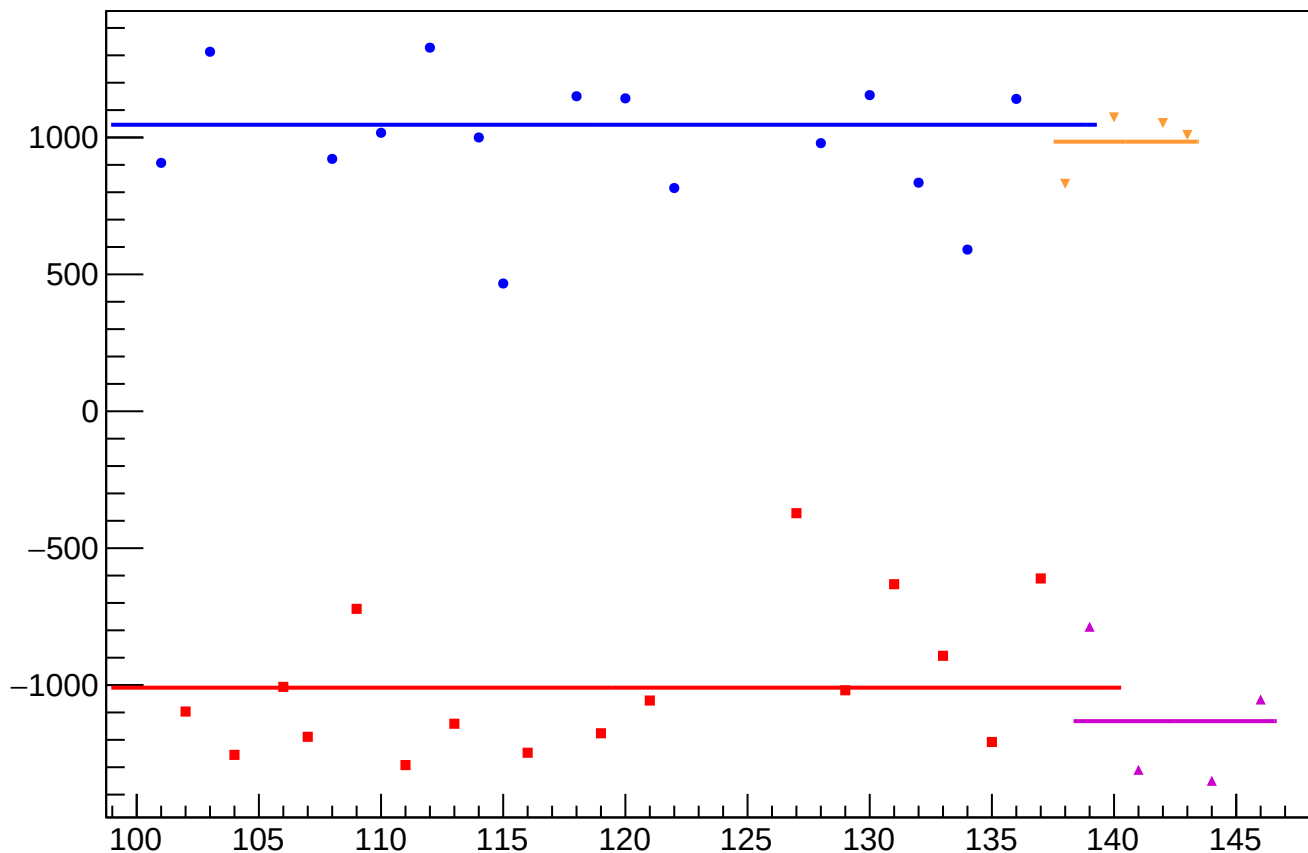
Right In: 3.181+/-0.000 χ^2/NDF : 5833303227868252617704566394191872.0/14
 Left Out: 4.060+/-0.000 χ^2/NDF : 658920209088469887173800985886720.0/3
 Right Out: -3.032+/-0.000 χ^2/NDF : 4937209831371793945496546833334272.0/15
 Left In: -4.960+/-0.000 χ^2/NDF : 4208675130544382166967109900304384.0/3

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 1.607 +/- 0.000 χ^2/NDF : 460949628640148184181205735833600.0/14
 Left Out: 2.004 +/- 0.000 χ^2/NDF : 50719575499302936136100691836928.0/3
 Right Out: -1.383 +/- 0.000 χ^2/NDF : 358348897016286200957650337792000.0/15
 Left In: -2.236 +/- 0.000 χ^2/NDF : 15290578882671212378527132286976.0/3

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



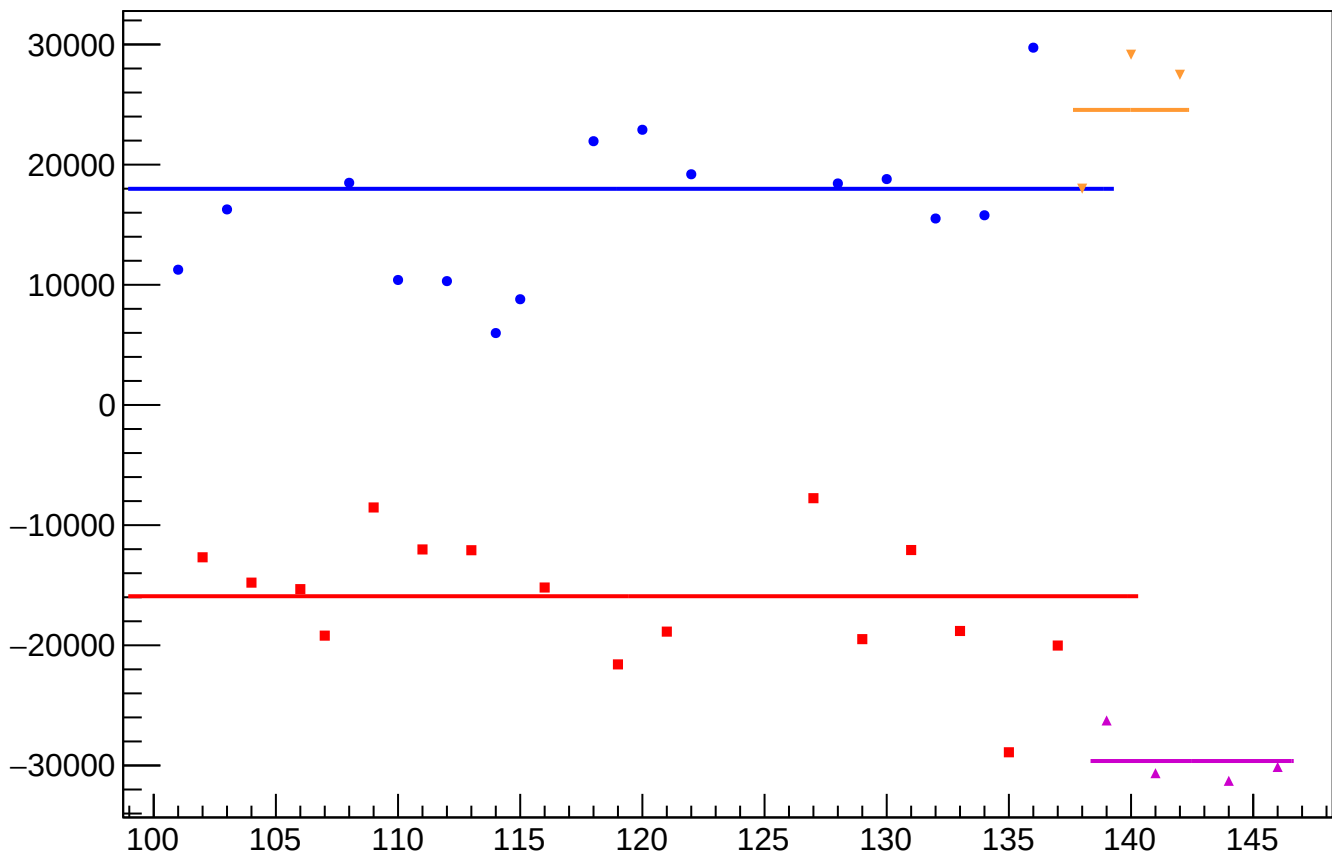
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

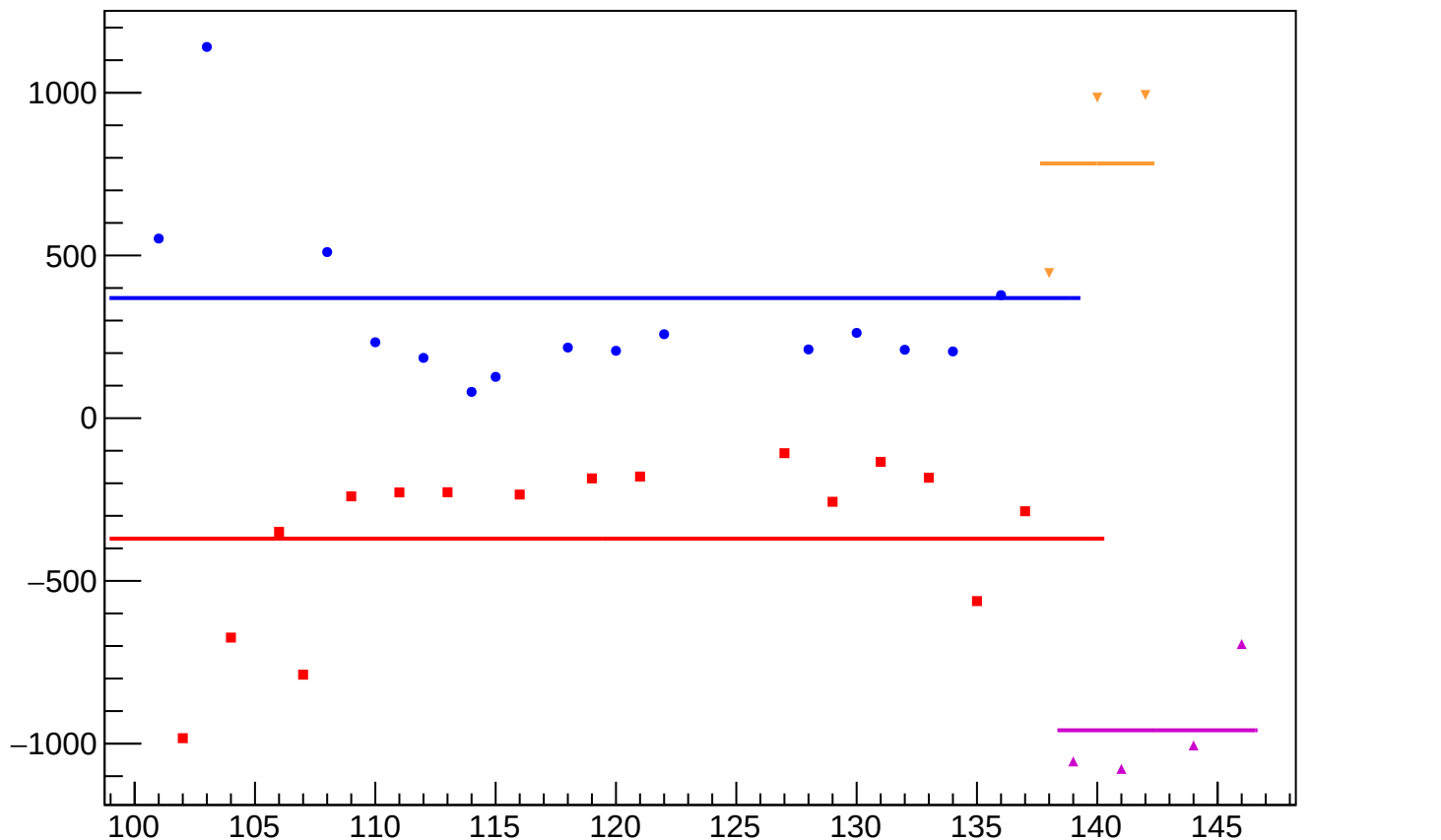
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_usl_coil1_mean vs Slug, Sign Corrected



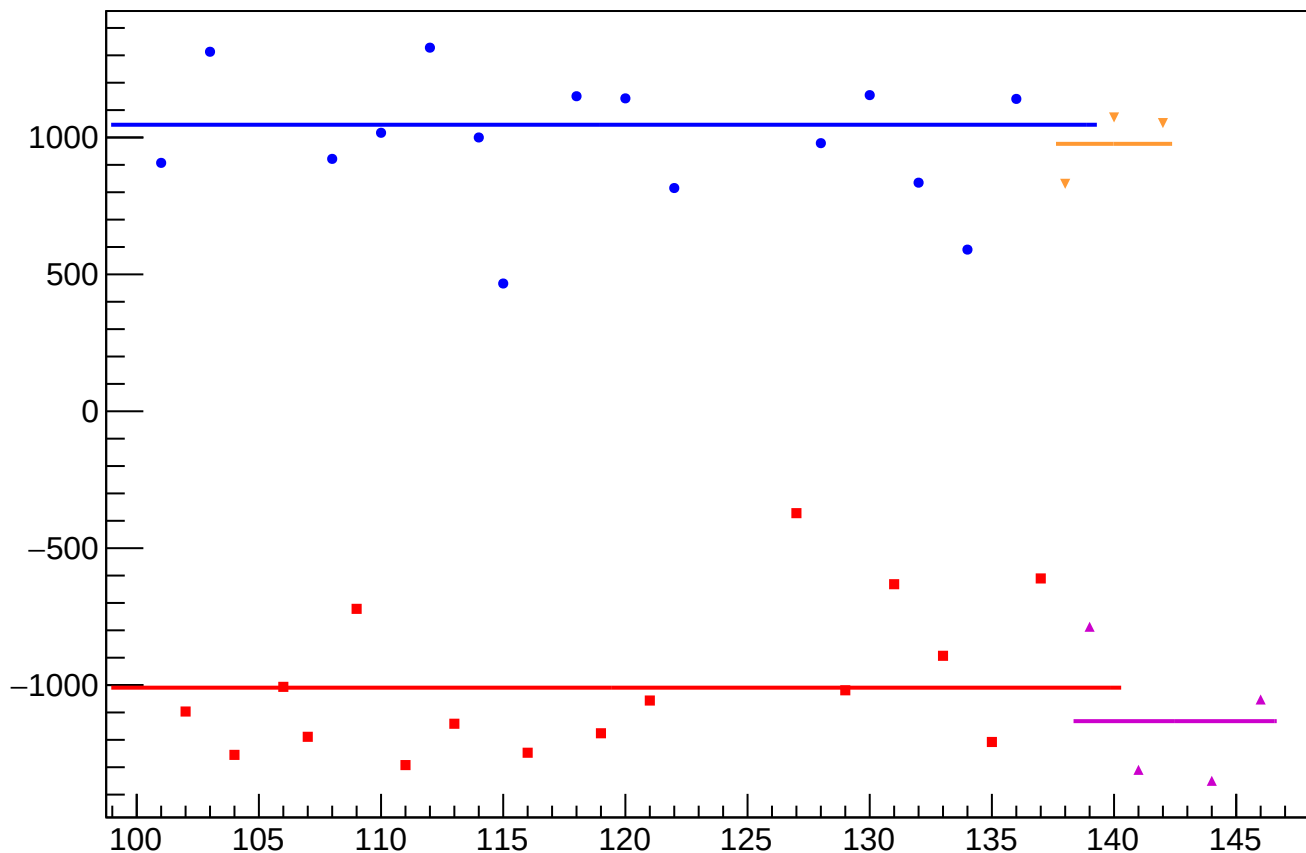
Right In: 17988.185+/-0.000 χ^2/NDF : 24815111809984217103544001237552952508416.0/14
 Left Out: 24554.423+/-0.000 χ^2/NDF : 5474141393484236201179337731011824844800.0/2
 Right Out: -15915.227+/-0.000 χ^2/NDF : 19954189674705952707042287416087223992320.0/15
 Left In: -29628.168+/-0.000 χ^2/NDF : 1271869344433127476043798596021318057984.0/3

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14
 Left Out: 782.643+/-0.000 χ^2/NDF : 14244648095721560119371688186331791360.0/2
 Right Out: -370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15
 Left In: -958.963+/-0.000 χ^2/NDF : 7957146133138041961343924763937996800.0/3

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



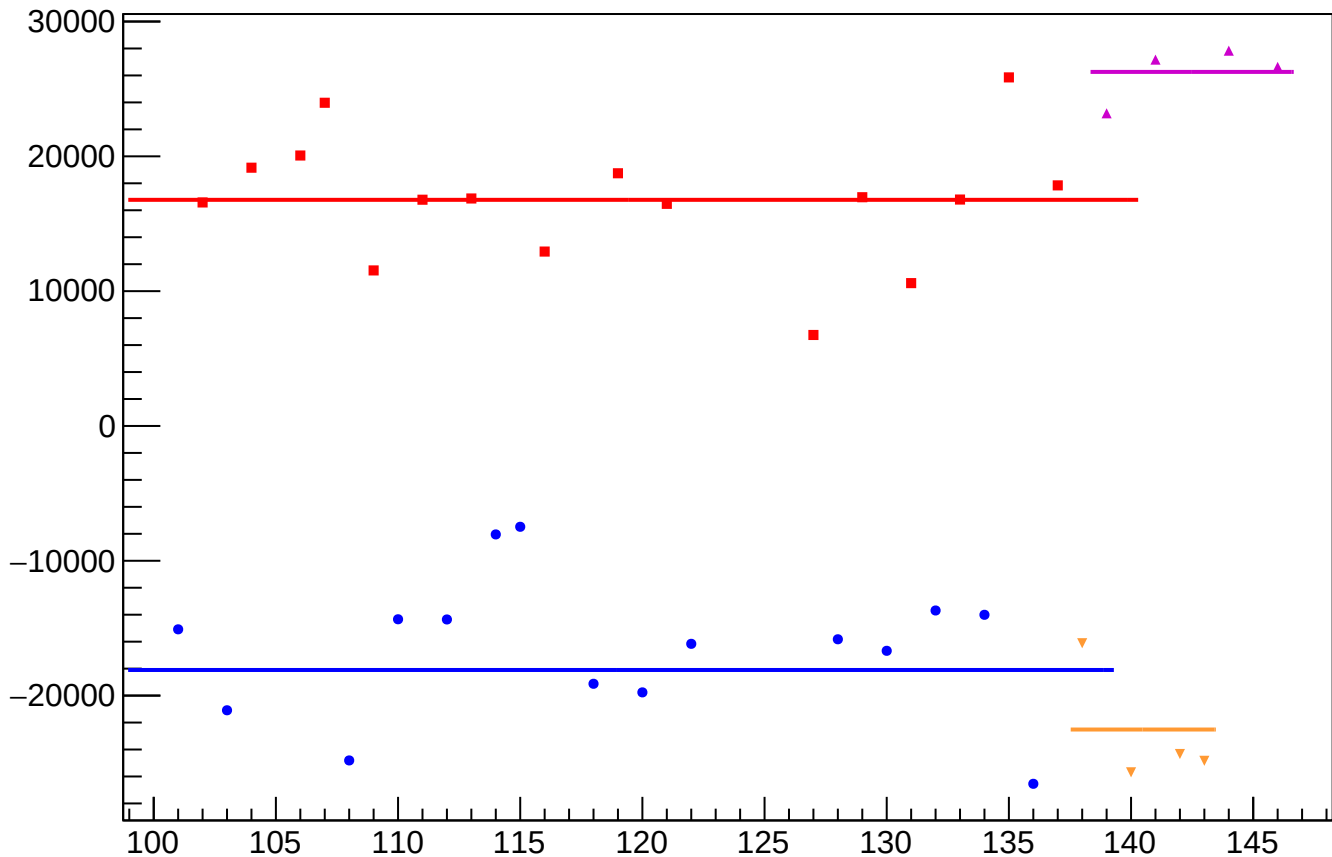
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: -18100.637 ± 0.000

χ^2/NDF : 14634967546173586967632040765428699496448.0/14

Left Out: -22517.481 ± 0.000

χ^2/NDF : 4534630714000650706542121281932276793344.0/3

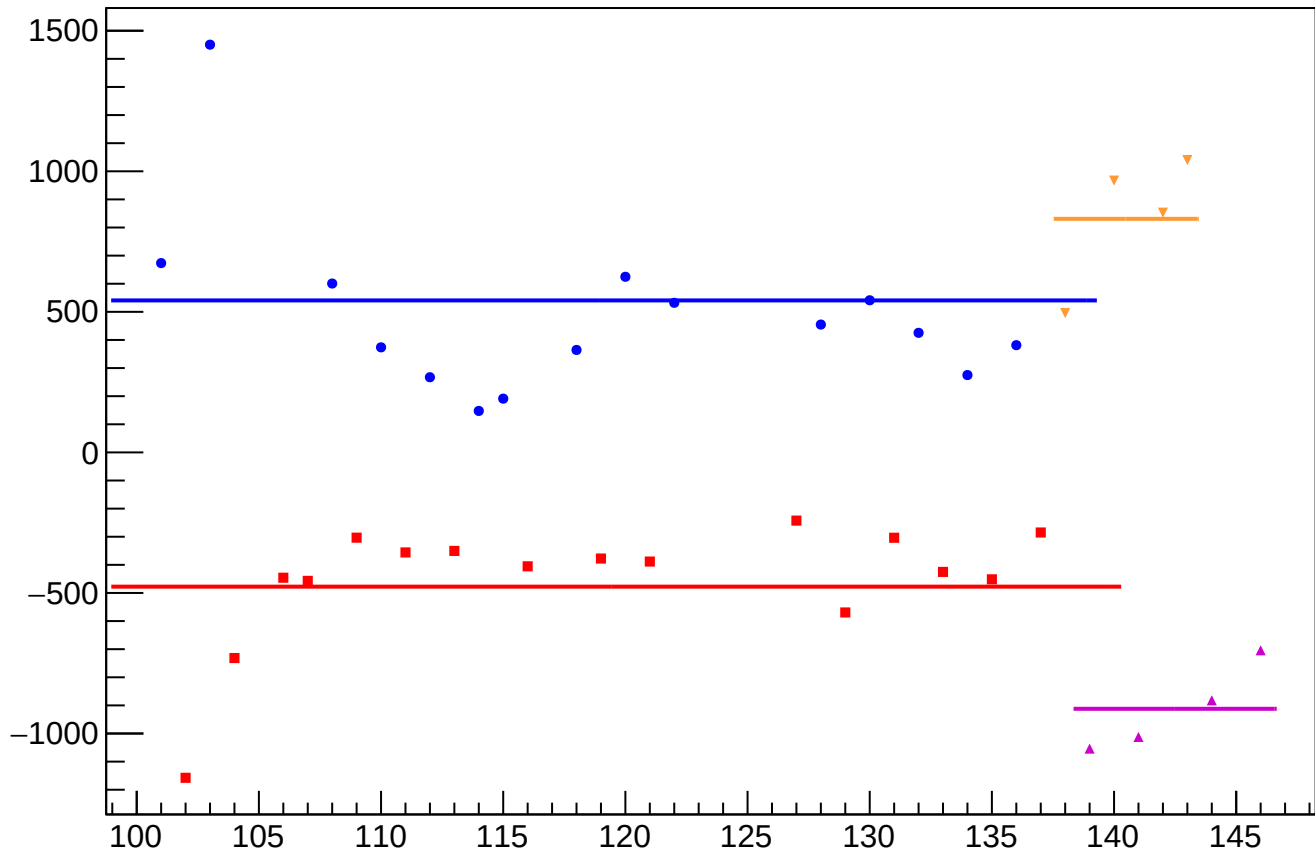
Right Out: 16773.604 ± 0.000

χ^2/NDF : 14234547931135812277474342886568366178304.0/15

Left In: 26262.706 ± 0.000

χ^2/NDF : 1066692641630792294967960553036516950016.0/3

dit_usr_coil1_err_mean vs Slug, Sign Corrected



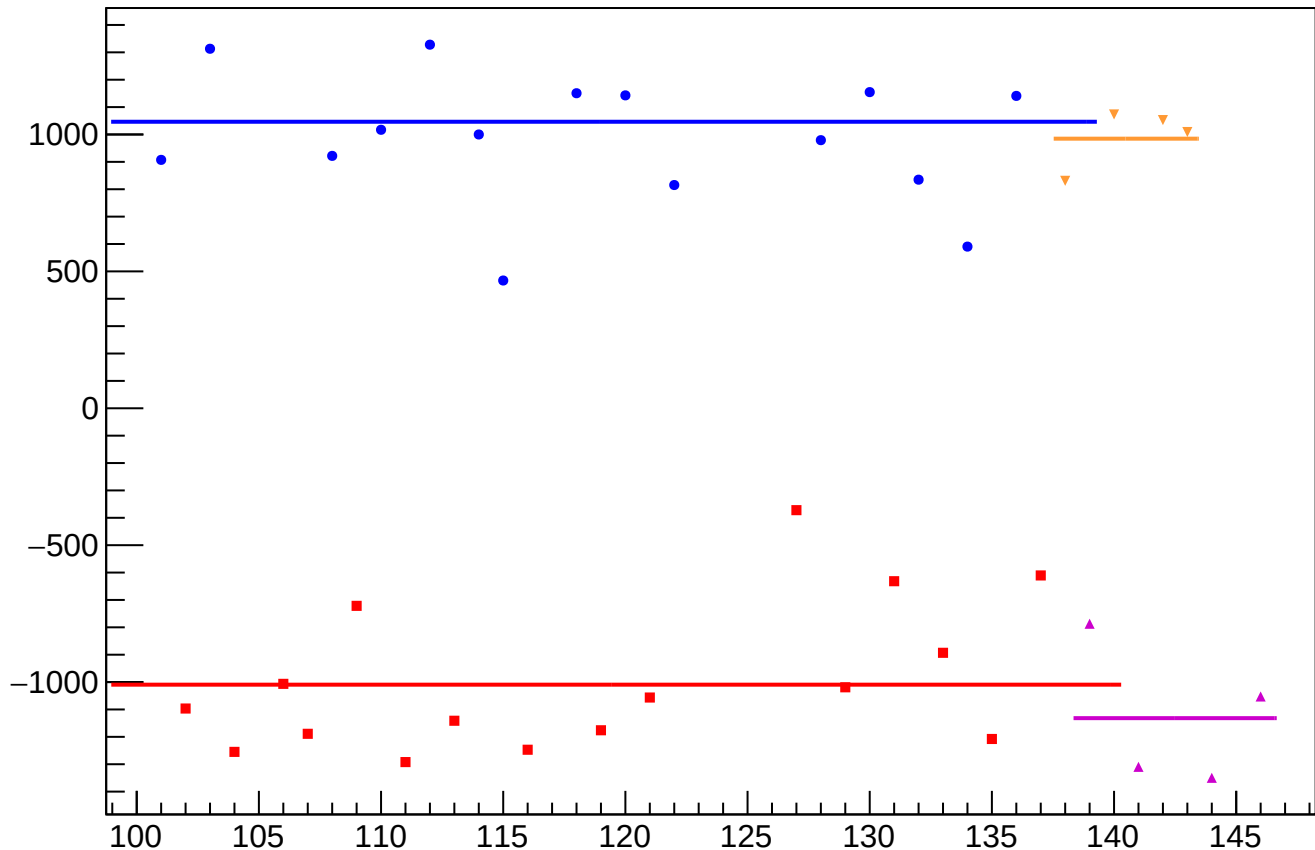
Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 830.909+/-0.000 χ^2/NDF : 13237462807262854581391800165948456960.0/3

Right Out: -477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

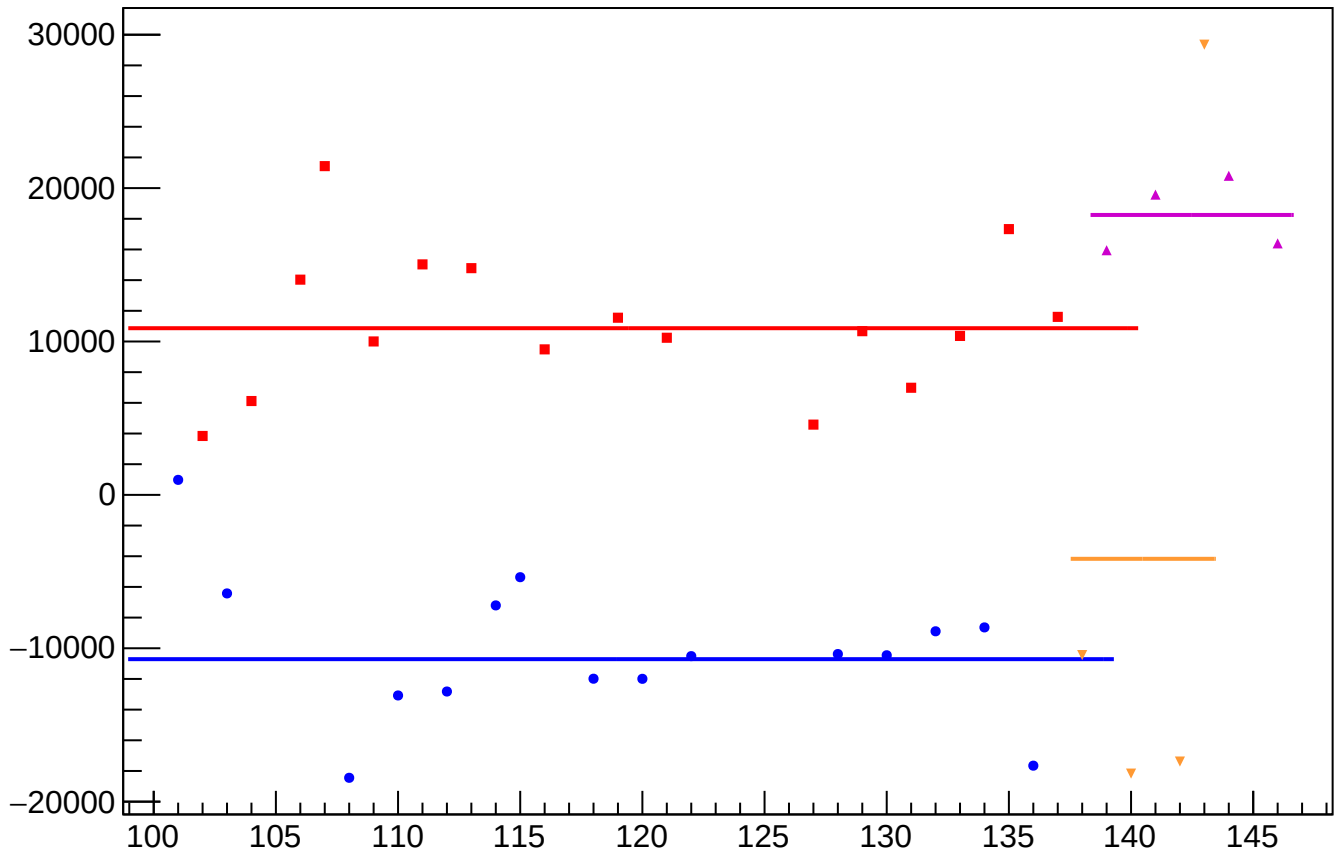
Left In: -912.096+/-0.000 χ^2/NDF : 614916406180697301033762922249431040.0/3

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3
 Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_atl1_coil1_mean vs Slug, Sign Corrected



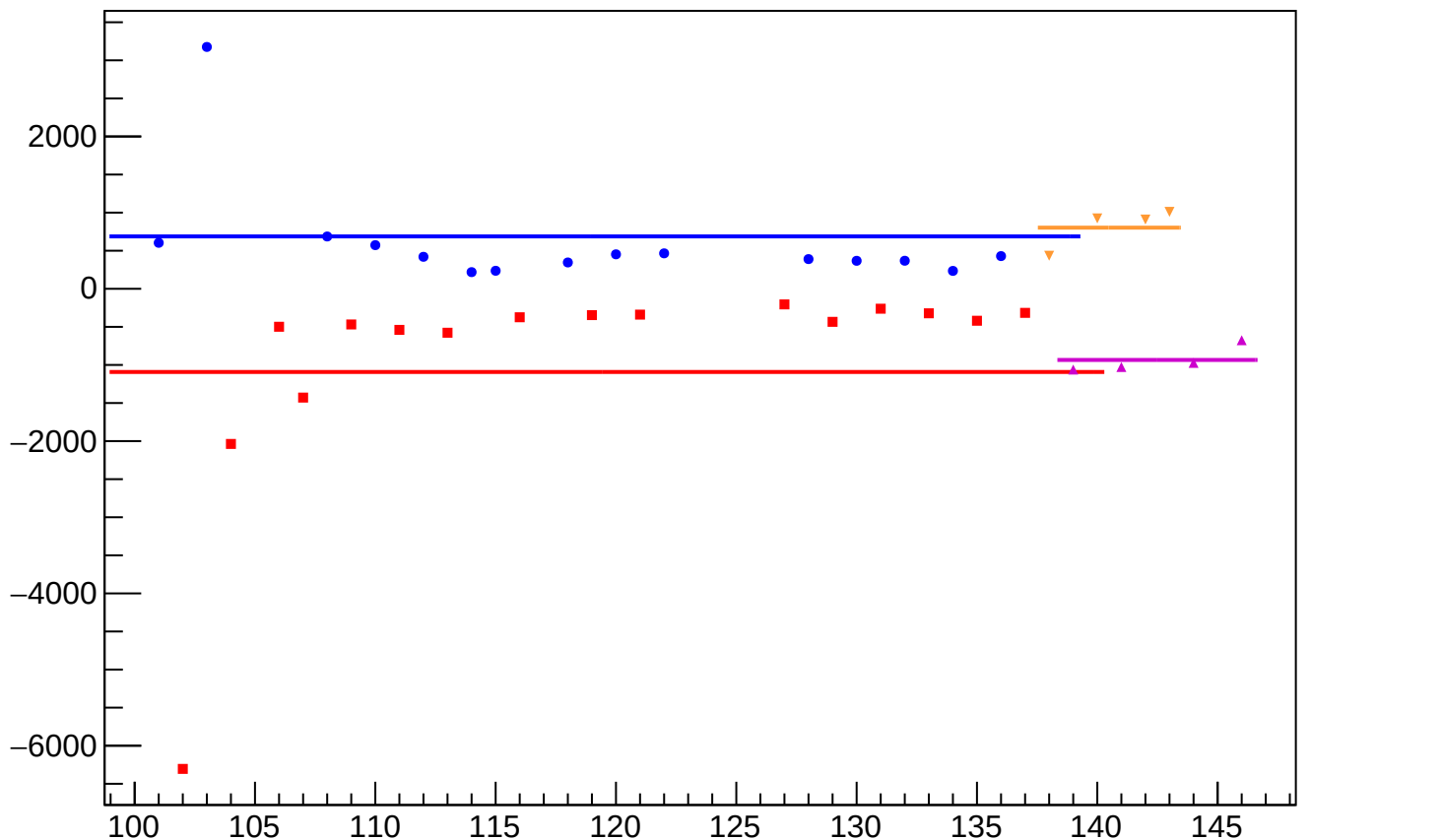
Right In: -10710.292+/-0.000 χ^2/NDF : 16945226152053511840482618402250170564608.0/14

Left Out: -4168.212+/-0.000 χ^2/NDF : 102468316429632460023050678513723661877248.0/3

Right Out: 10866.264+/-0.000 χ^2/NDF : 14234762838858382484525901644131626647552.0/15

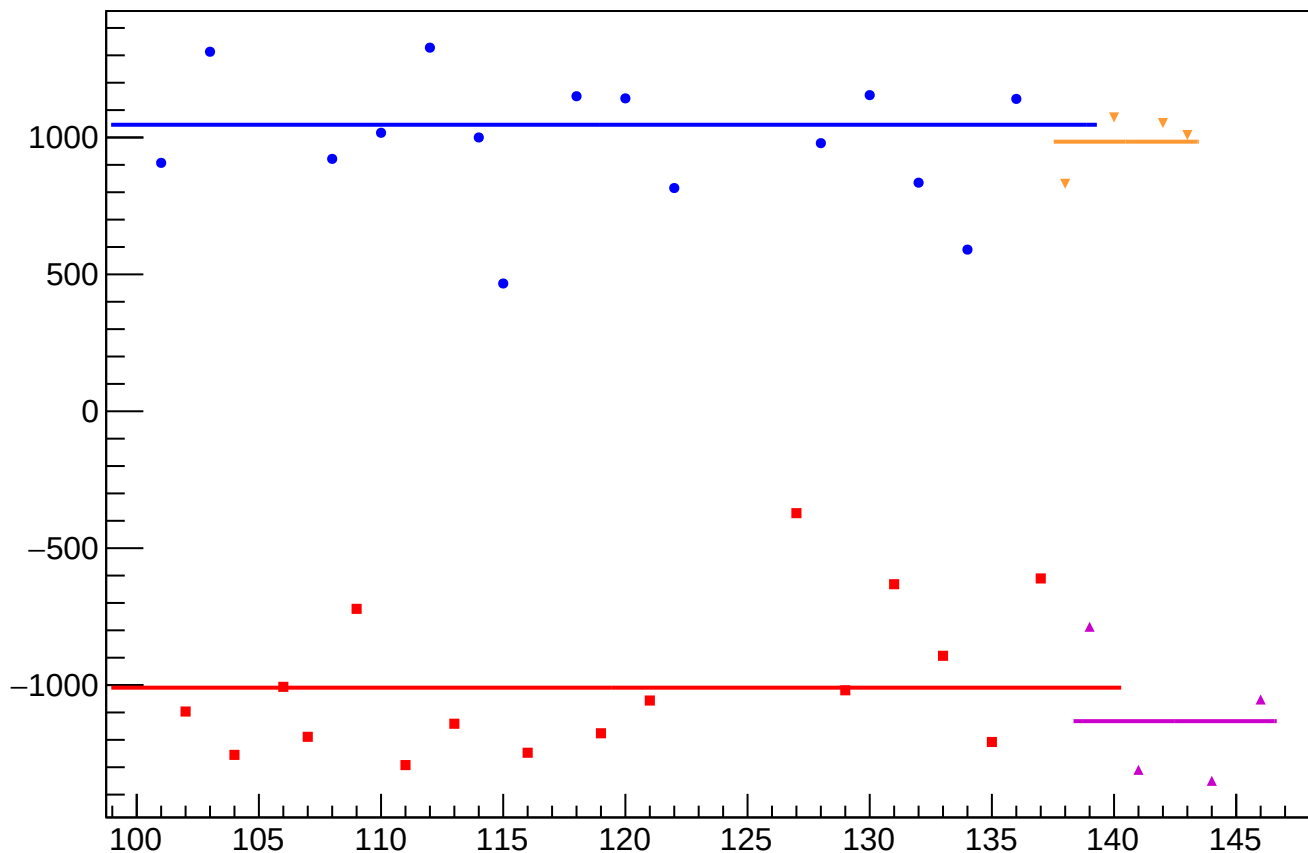
Left In: 18249.752+/-0.000 χ^2/NDF : 1442700136753677197930324011346722553856.0/3

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 687.939 $\pm$ 0.000 χ^2 /NDF: 409297141104301509817753390759024787456.0/14
 Left Out: 802.796 $\pm$ 0.000 χ^2 /NDF: 15218052061567848553574518594264367104.0/3
 Right Out: -1092.265 $\pm$ 0.000 χ^2 /NDF: 1883198142929605813456233812946948456448.0/15
 Left In: -934.423 $\pm$ 0.000 χ^2 /NDF: 7725497061219568449514555555581001728.0/3

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



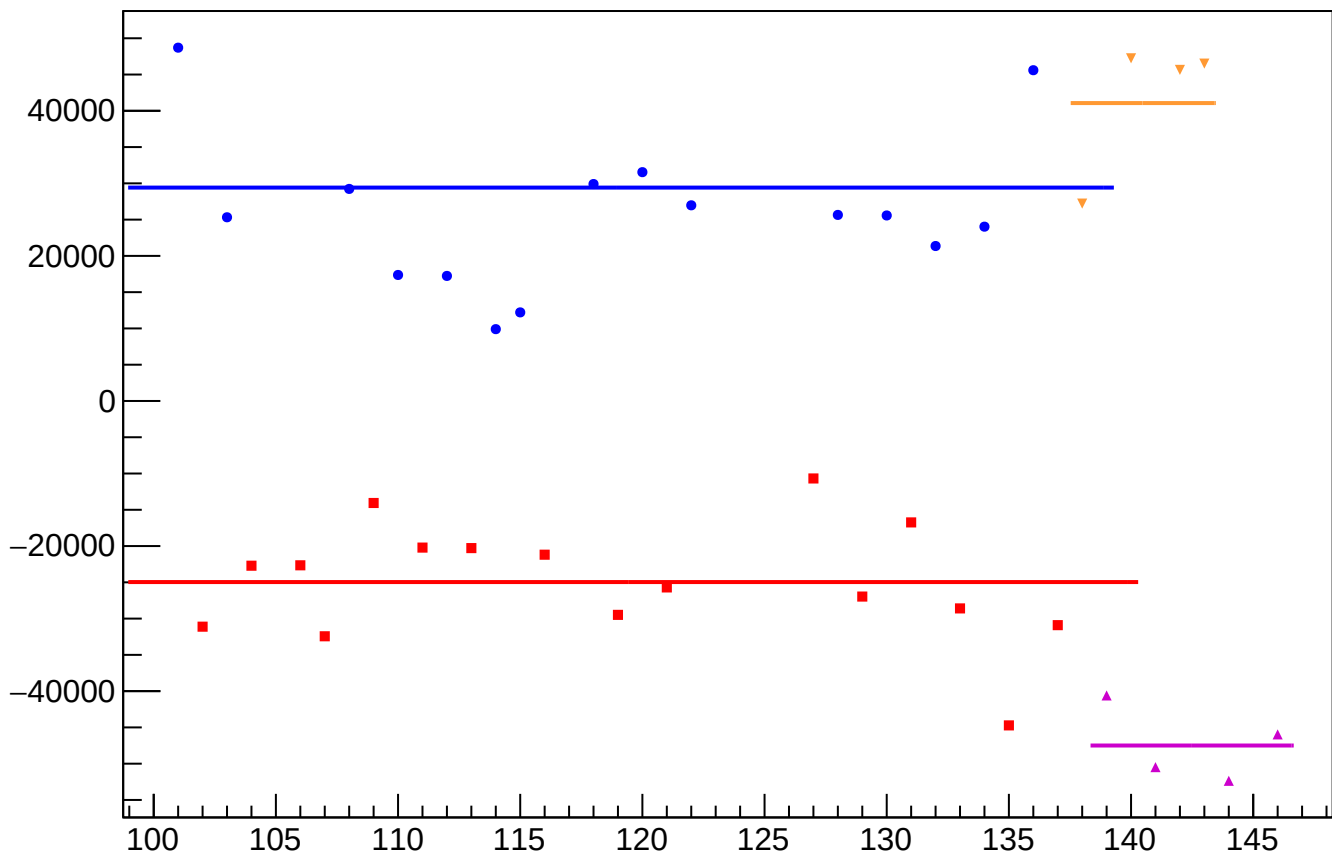
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

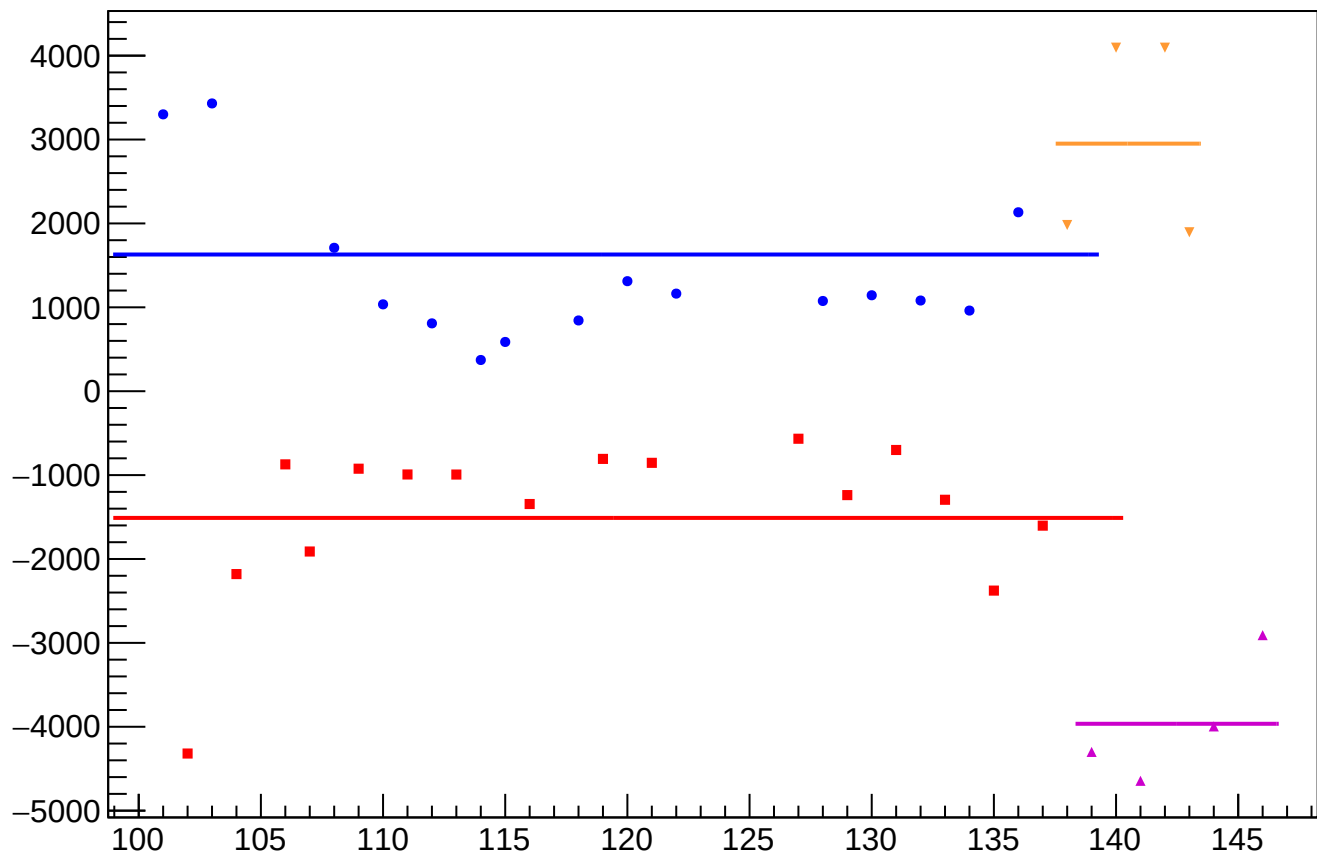
Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_atl2_coil1_mean vs Slug, Sign Corrected



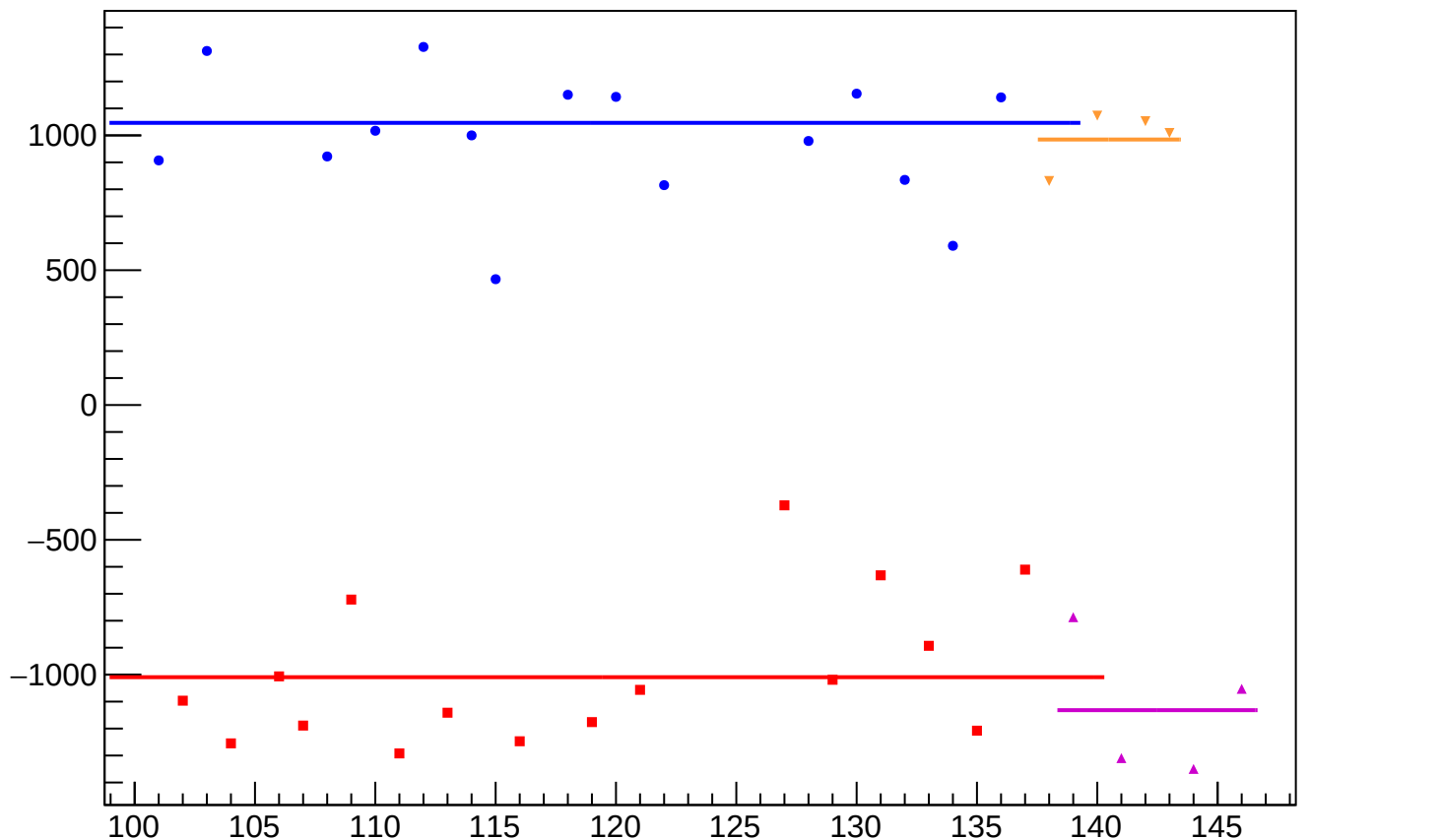
Right In: 29415.830+/-0.000 χ^2/NDF : 71764989638928082906774979753894809174016.0/14
 Left Out: 41066.759+/-0.000 χ^2/NDF : 21046070119942149679383156905785132318720.0/3
 Right Out: -24963.010+/-0.000 χ^2/NDF : 45631572920122171972835961685494315614208.0/15
 Left In: -47495.390+/-0.000 χ^2/NDF : 6914330465485670618425851874407138459648.0/3

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



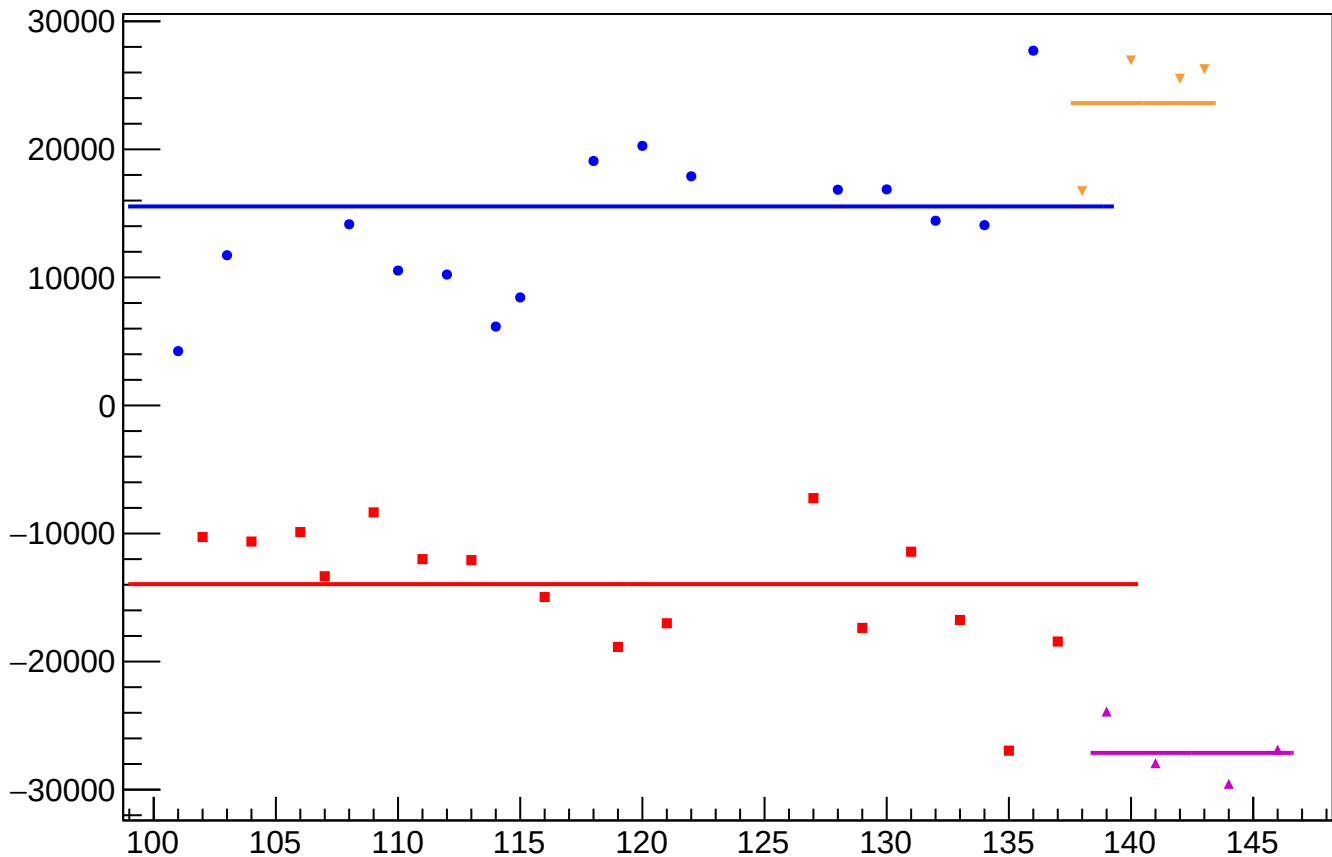
Right In: 1629.542 +/- 0.000 χ^2/NDF : 551738555355028902194697896437152219136.0/14
 Left Out: 2951.104 +/- 0.000 χ^2/NDF : 315666190998593754342653398815594250240.0/3
 Right Out: -1510.293 +/- 0.000 χ^2/NDF : 688231904046816211321774524619745656832.0/15
 Left In: -3964.415 +/- 0.000 χ^2/NDF : 141124508455151657340437063207971979264.0/3

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



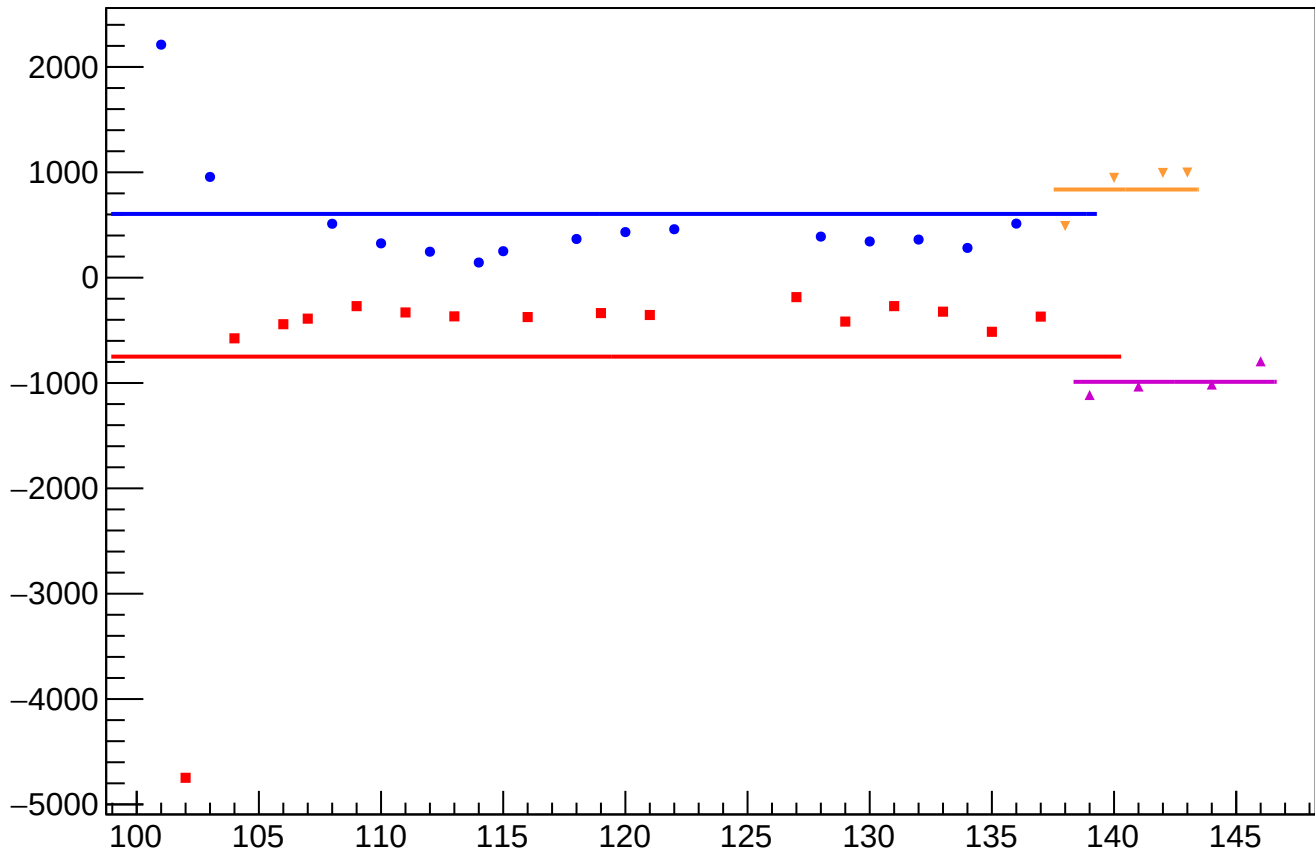
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3
 Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787 $\pm$ 0.000 χ^2 /NDF: 27383635886523601832377795383509714468864.0/14
 Left Out: 23614.136 $\pm$ 0.000 χ^2 /NDF: 5239184590036378811971075138202160332800.0/3
 Right Out: -13951.799 $\pm$ 0.000 χ^2 /NDF: 16954071035739584664612813430748100952064.0/15
 Left In: -27129.540 $\pm$ 0.000 χ^2 /NDF: 1423085831249316263715504915237037932544.0/3

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



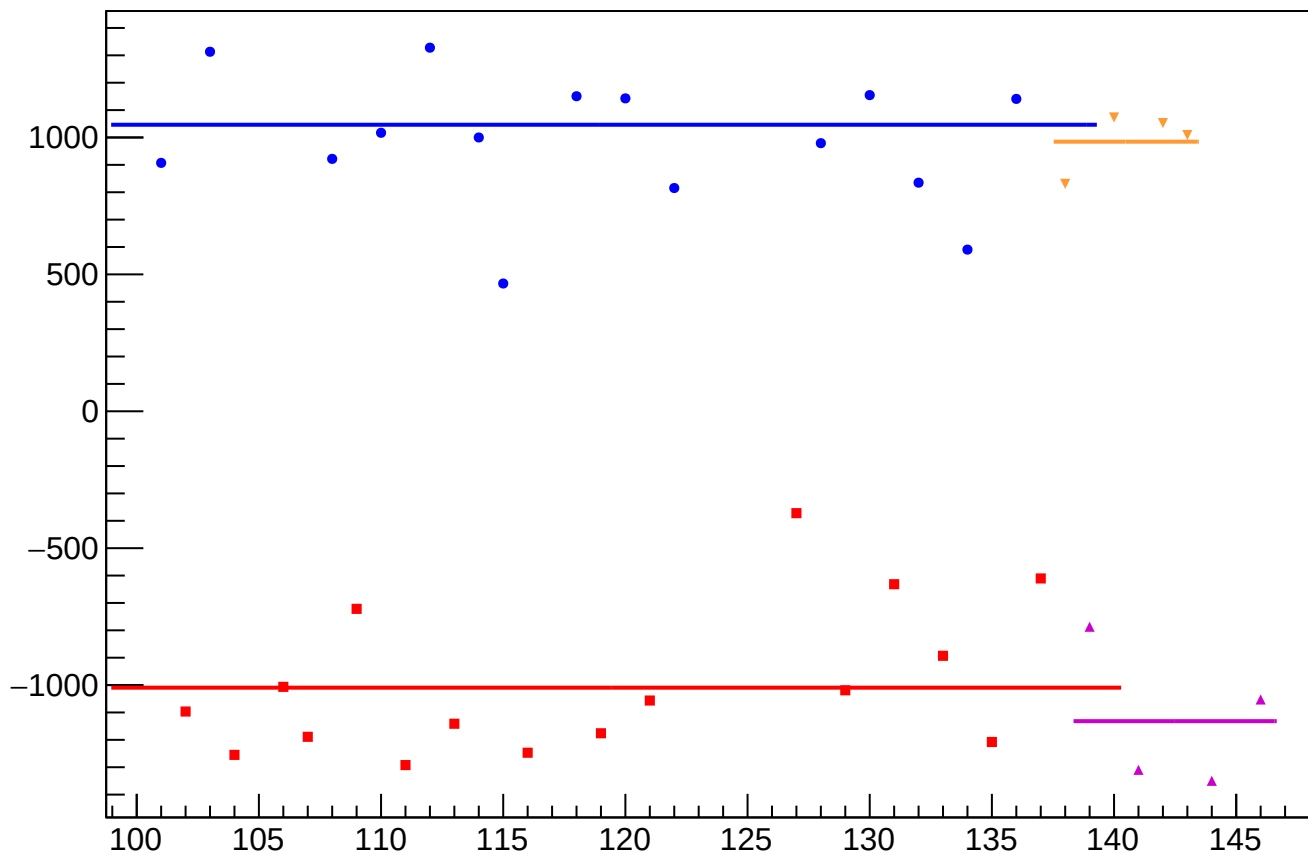
Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 836.904+/-0.000 χ^2/NDF : 13236142245828020357901599723369791488.0/3

Right Out: -749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

Left In: -988.821+/-0.000 χ^2/NDF : 4644014206215221298494971829085536256.0/3

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



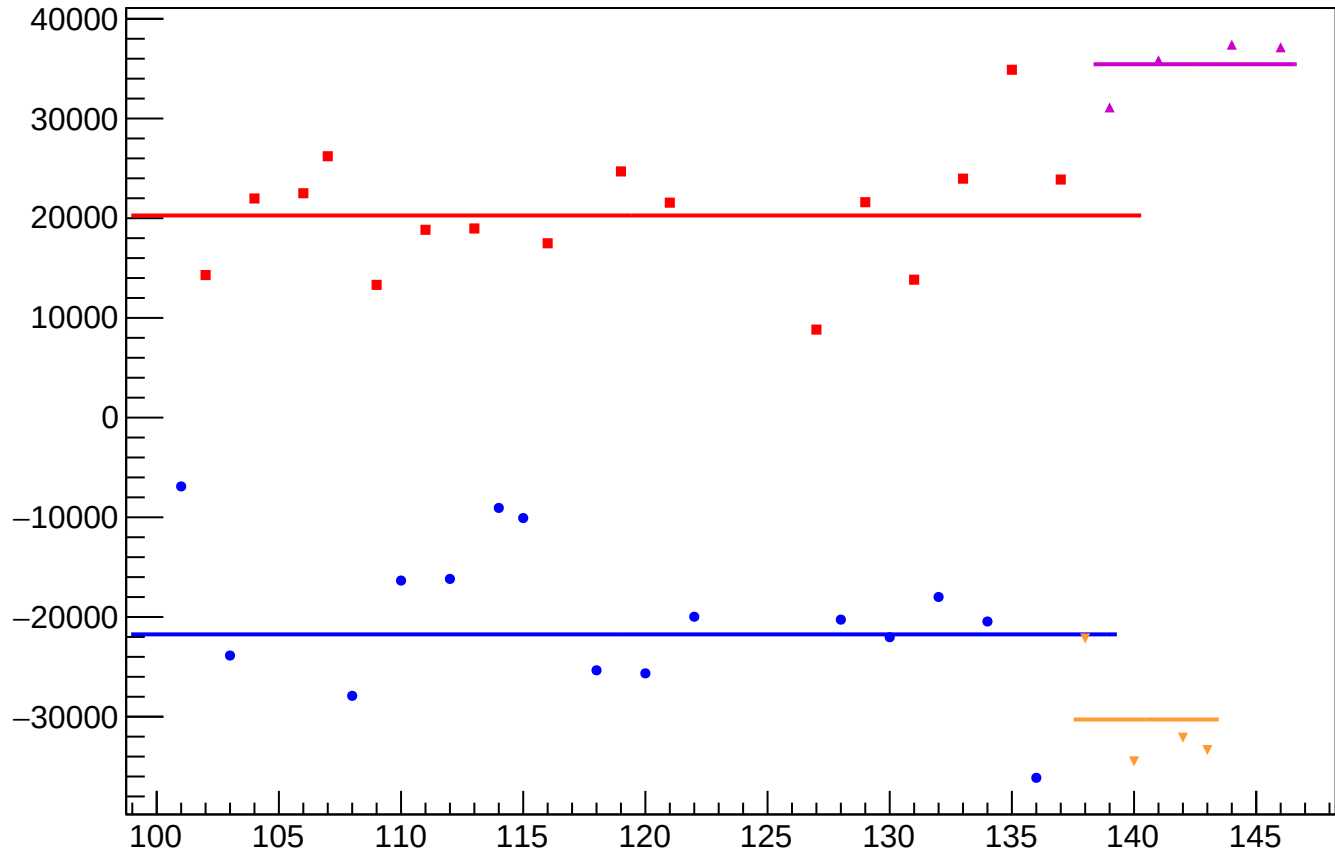
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

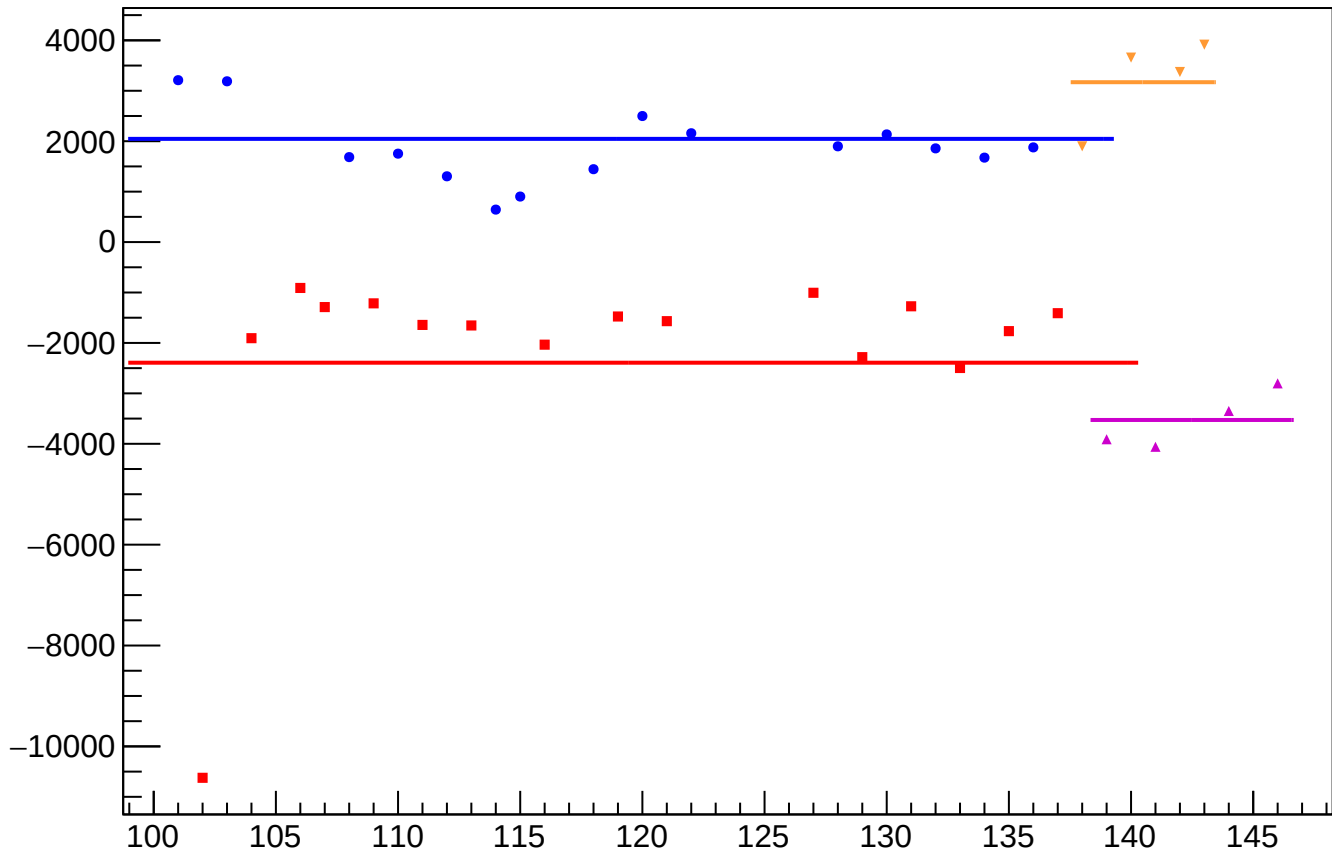
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_atr2_coil1_mean vs Slug, Sign Corrected



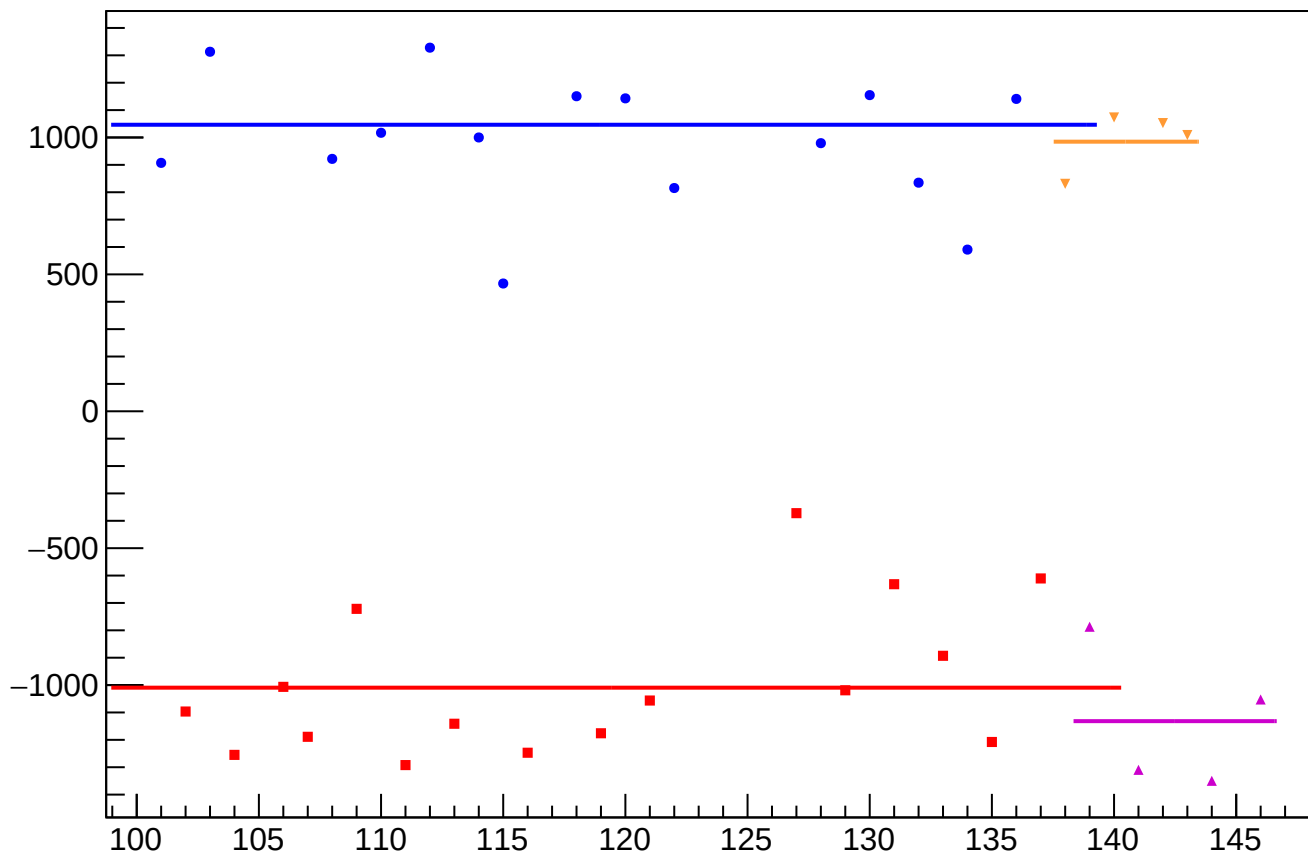
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -30282.271+/-0.000 χ^2/NDF : 7388744856184900054168561337066175070208.0/3
 Right Out: 20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: 35443.513+/-0.000 χ^2/NDF : 2113669680611722220932695447622121422848.0/3

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 2046.354+/-0.000 χ^2/NDF : 266555515927348892036833058355226345472.0/14
 Left Out: 3169.927+/-0.000 χ^2/NDF : 184631247266405720127844960372135034880.0/3
 Right Out: -2391.939+/-0.000 χ^2/NDF : 4415294964789778815259357544579499819008.0/15
 Left In: -3527.500+/-0.000 χ^2/NDF : 82402739985256157080263541382652624896.0/3

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



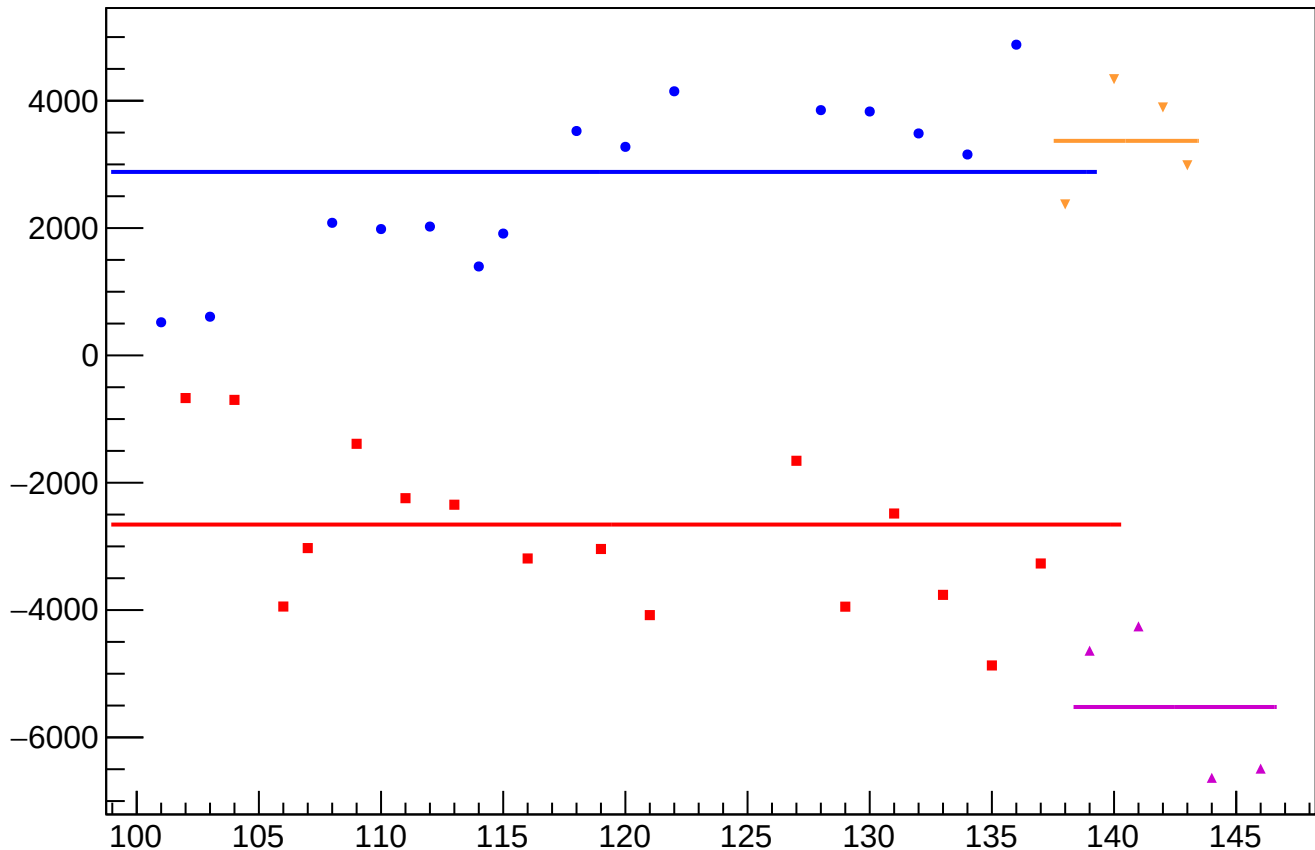
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

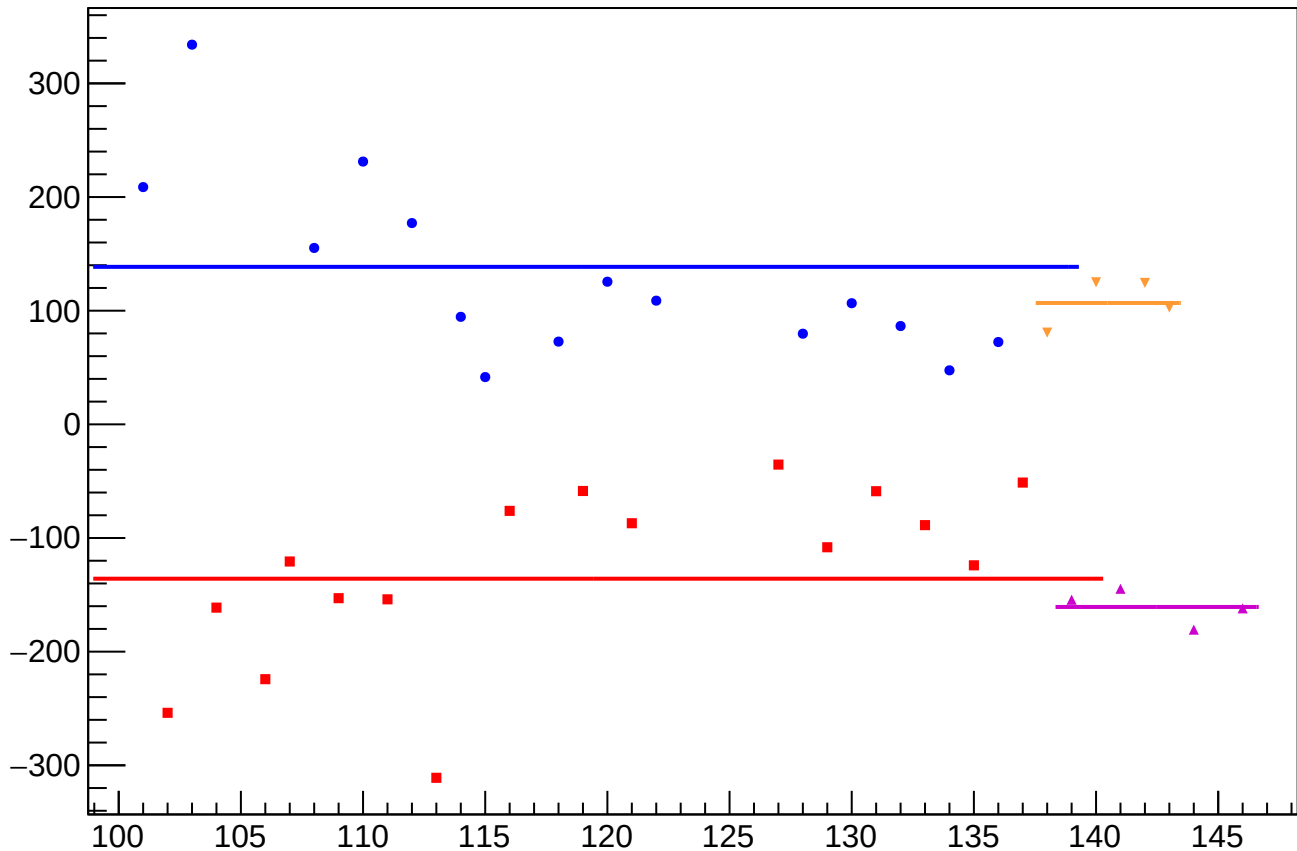
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 3369.909+/-0.000 χ^2/NDF : 177141415623035685699271134052215685120.0/3
 Right Out: -2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: -5522.495+/-0.000 χ^2/NDF : 387512841601513638627572691573466464256.0/3

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



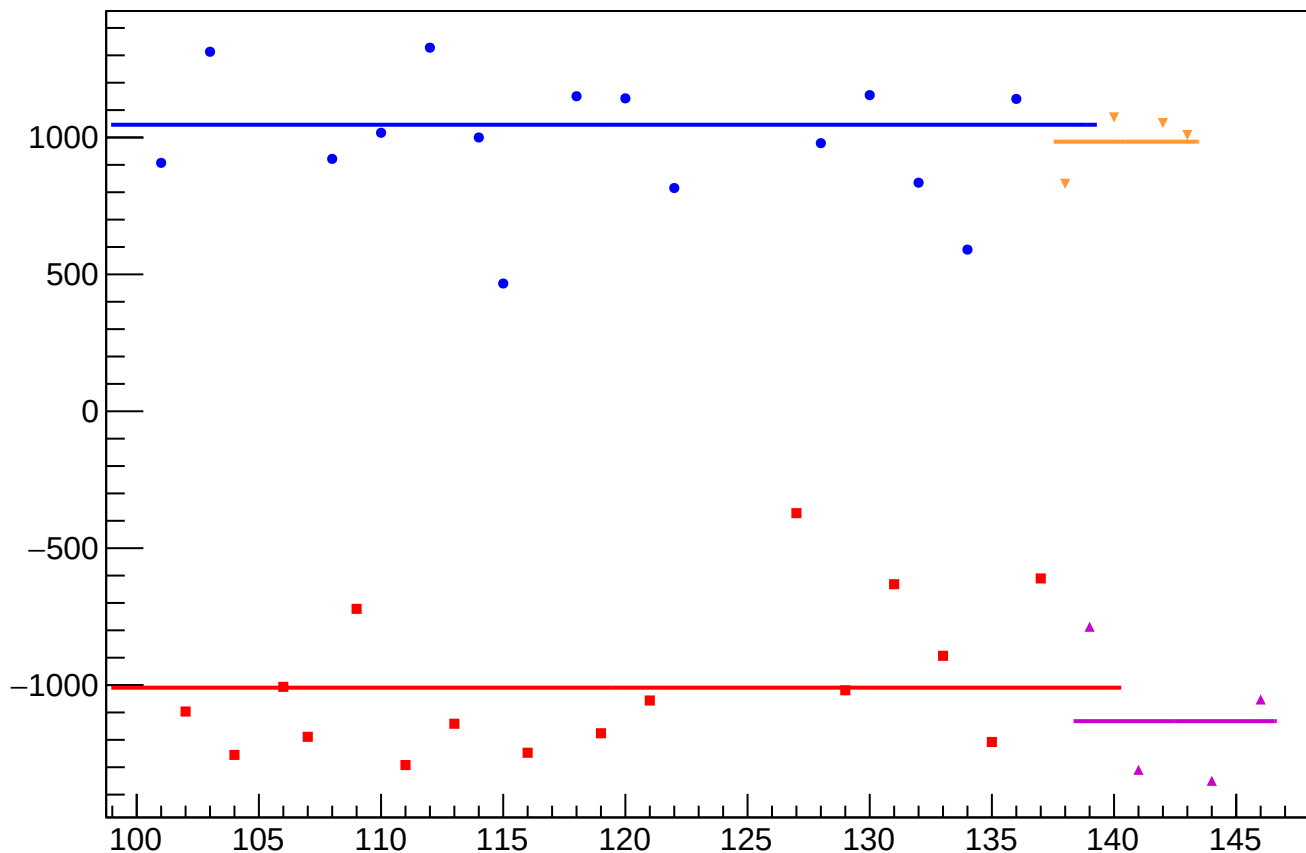
Right In: 138.577 $\pm$ 0.000 χ^2 /NDF: 4242369889979811373883774021335515136.0/14

Left Out: 106.793 $\pm$ 0.000 χ^2 /NDF: 95577850641571016628267005549477888.0/3

Right Out: -135.809 $\pm$ 0.000 χ^2 /NDF: 3956401741862524263243160868173643776.0/15

Left In: -160.677 $\pm$ 0.000 χ^2 /NDF: 60687719478605889661818883482320896.0/3

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



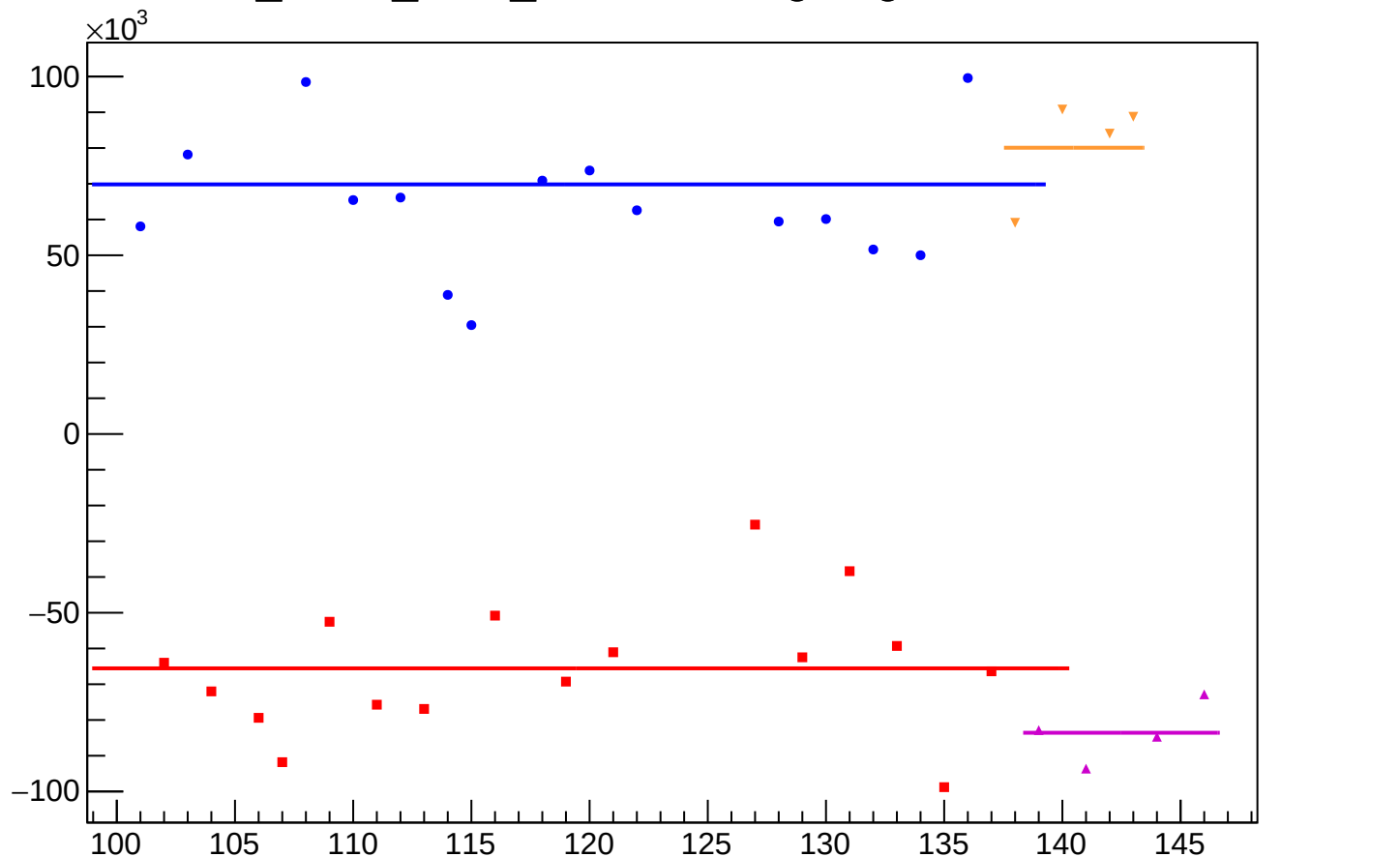
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

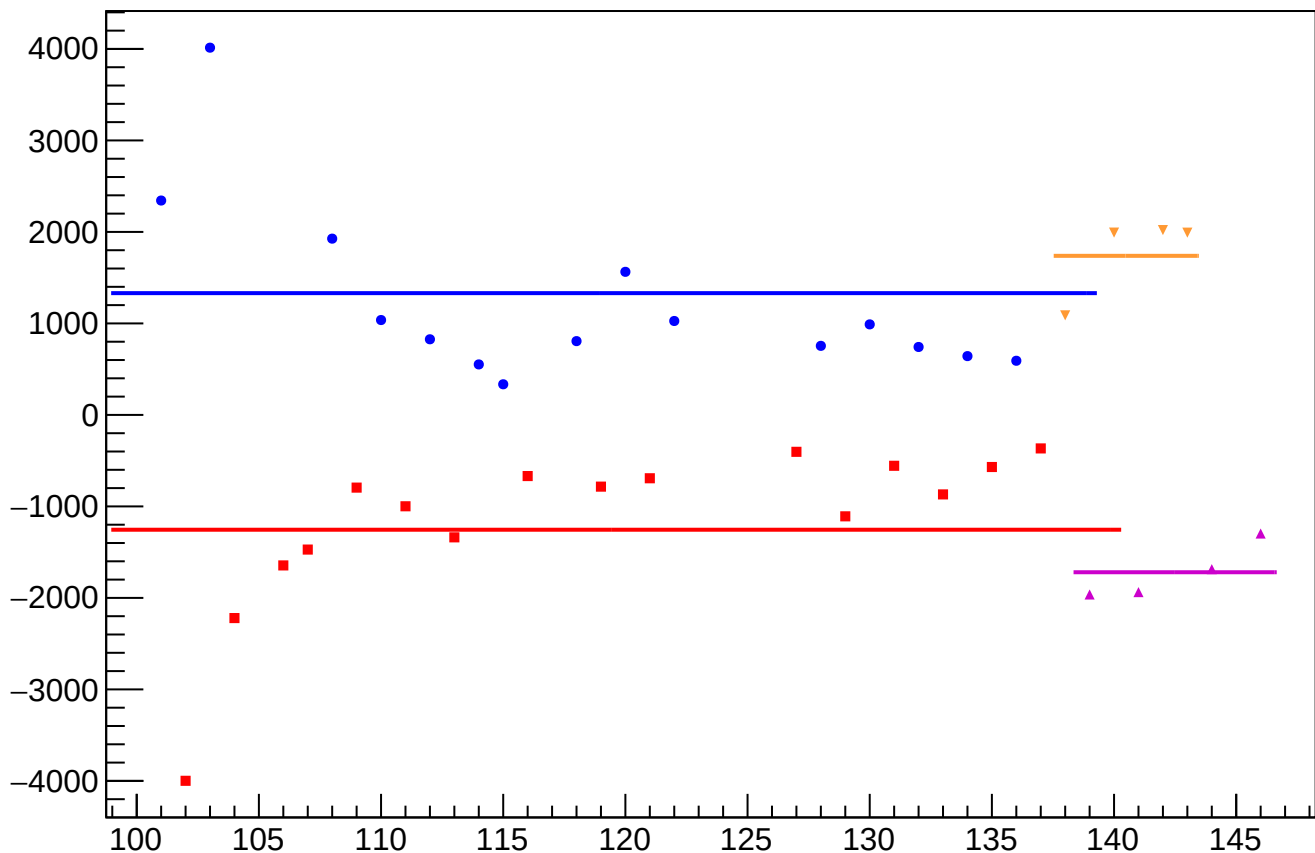
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_sam2_coil1_mean vs Slug, Sign Corrected



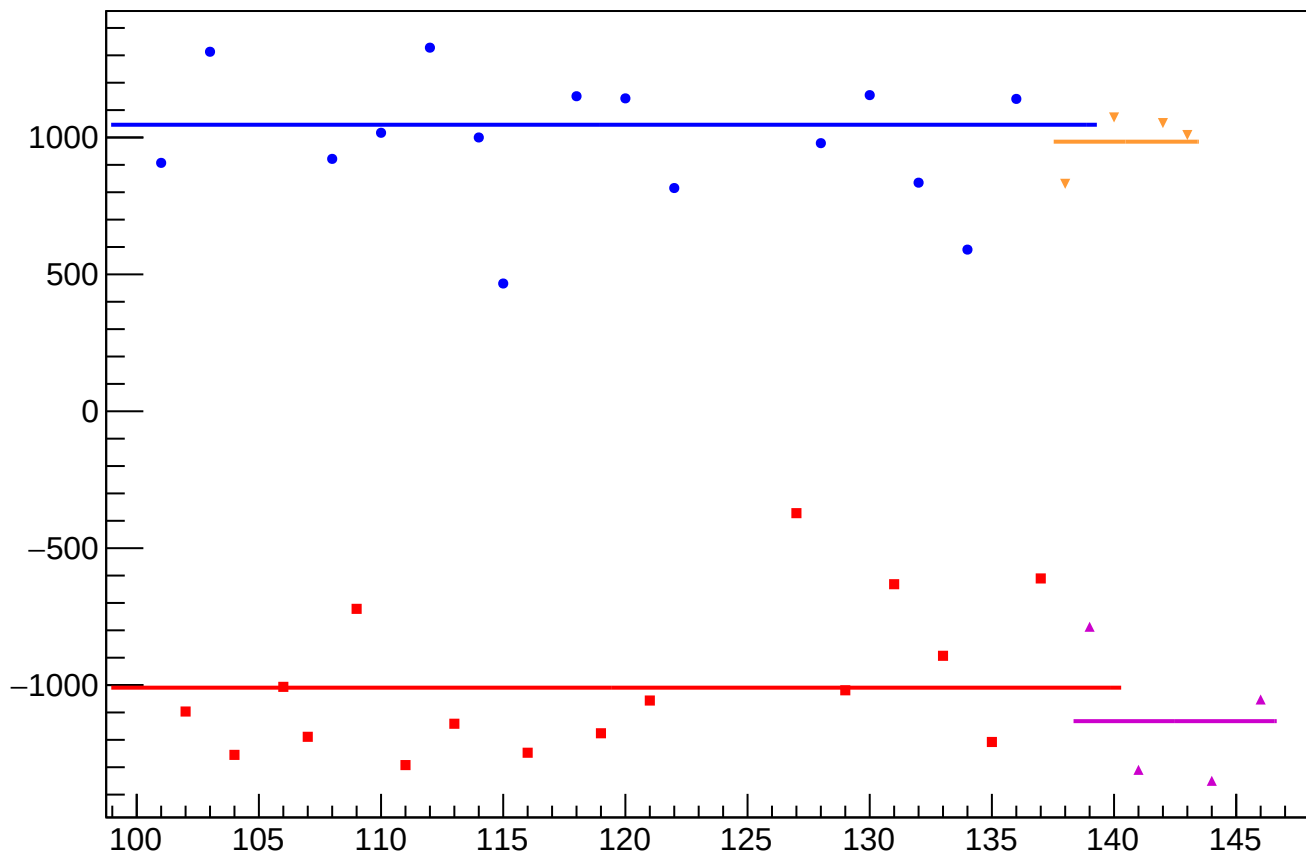
Right In: 69827.797 $\pm$ 0.000 χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
 Left Out: 80081.094 $\pm$ 0.000 χ^2 /NDF: 49510037583887881347231610412118887628800.0/3
 Right Out: -65555.147 $\pm$ 0.000 χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
 Left In: -83572.882 $\pm$ 0.000 χ^2 /NDF: 18283092012103954069810965464586246946816.0/3

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1738.713+/-0.000 χ^2/NDF : 46237404933673122218854607758901116928.0/3
 Right Out: -1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: -1719.564+/-0.000 χ^2/NDF : 23756312236645875999446825356434079744.0/3

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



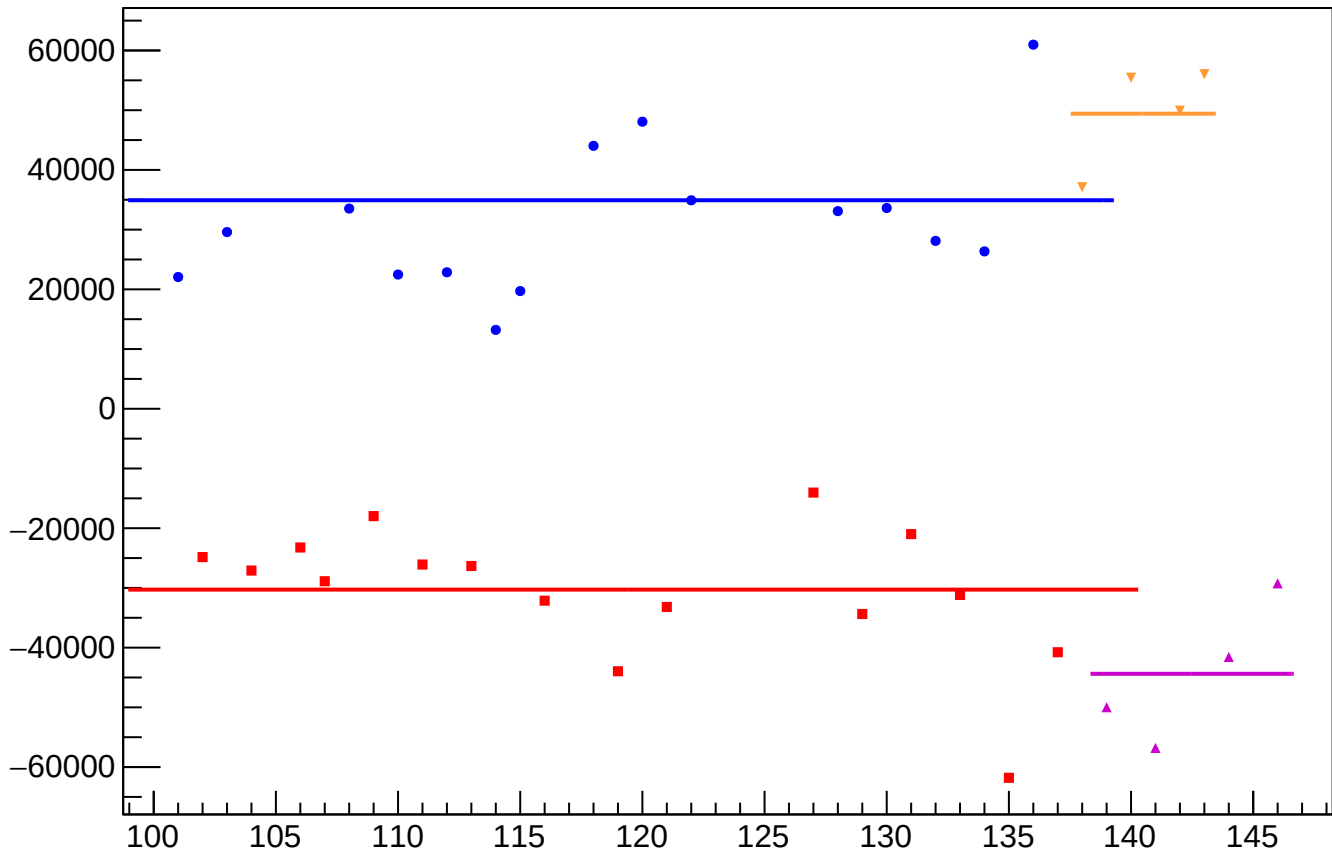
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

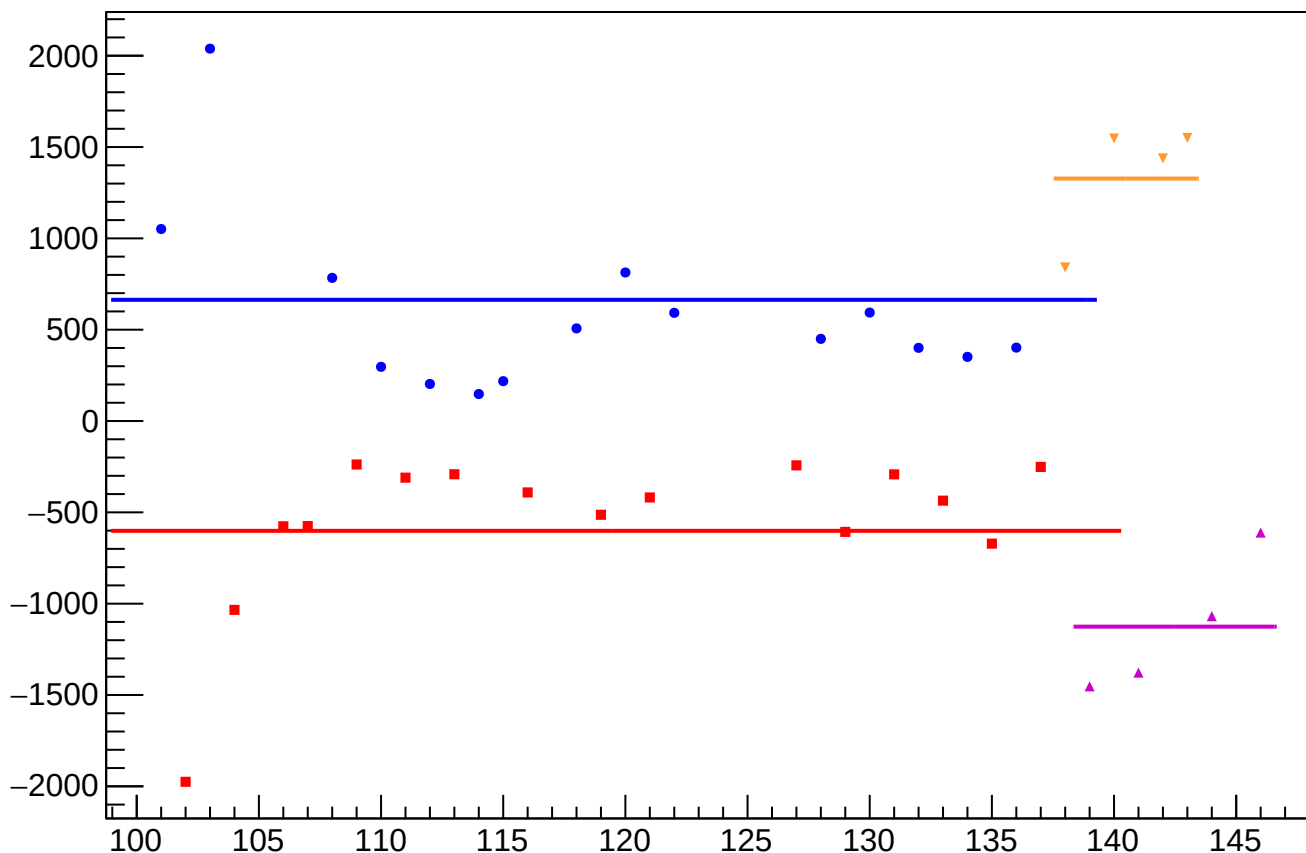
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 34919.716+/-0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 49413.647+/-0.000 χ^2/NDF : 17736165203842715061343433548903231782912.0/3
 Right Out: -30282.373+/-0.000 χ^2/NDF : 88346165266593126627598951693506073067520.0/15
 Left In: -44381.771+/-0.000 χ^2/NDF : 35382625512844168163102455713923044737024.0/3

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



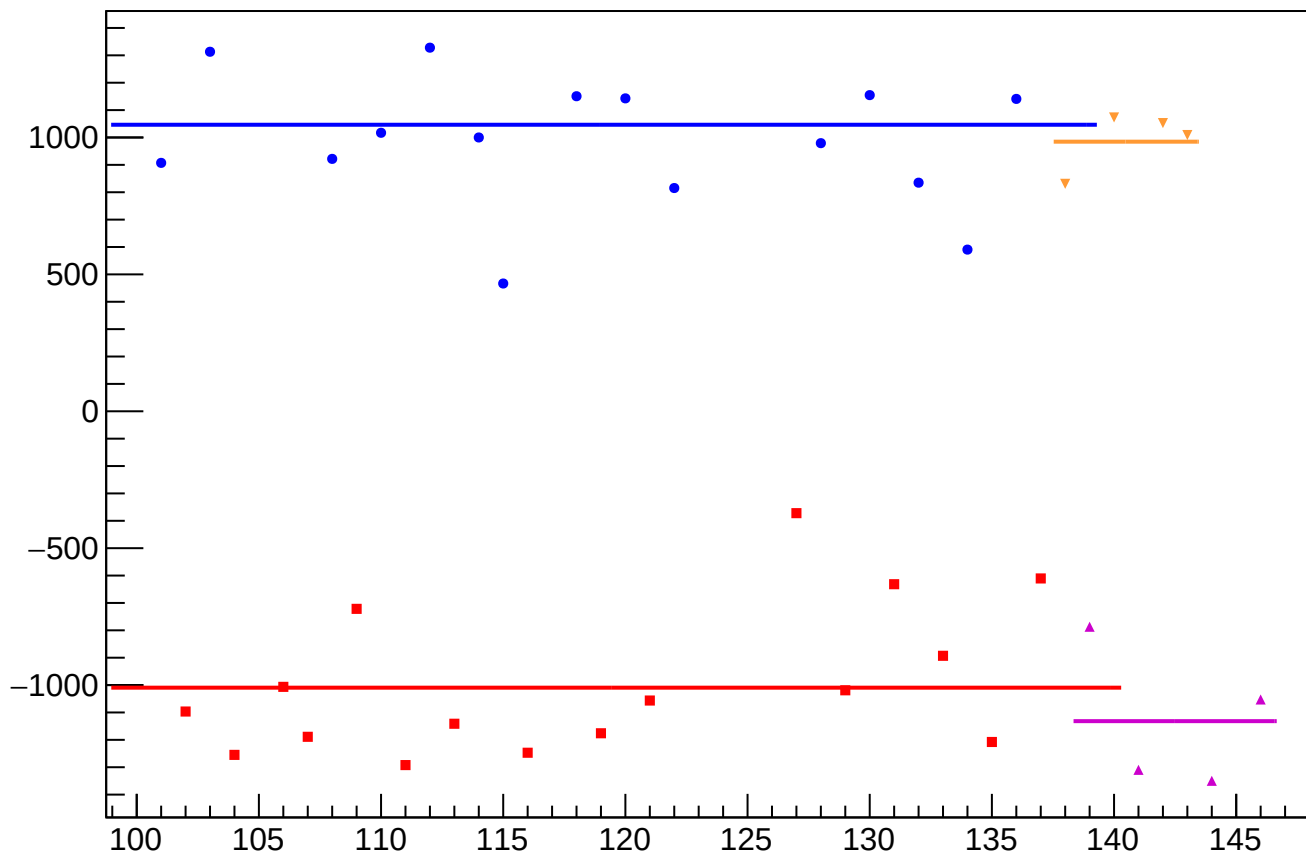
Right In: 663.574 $\pm$ 0.000 χ^2 /NDF: 157691812872720822886914966597312446464.0/14

Left Out: 1327.589 $\pm$ 0.000 χ^2 /NDF: 26292142748221616914618678027290148864.0/3

Right Out: -601.216 $\pm$ 0.000 χ^2 /NDF: 149717884331889332339995334350831878144.0/15

Left In: -1125.805 $\pm$ 0.000 χ^2 /NDF: 36341682277159443096143351141120344064.0/3

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



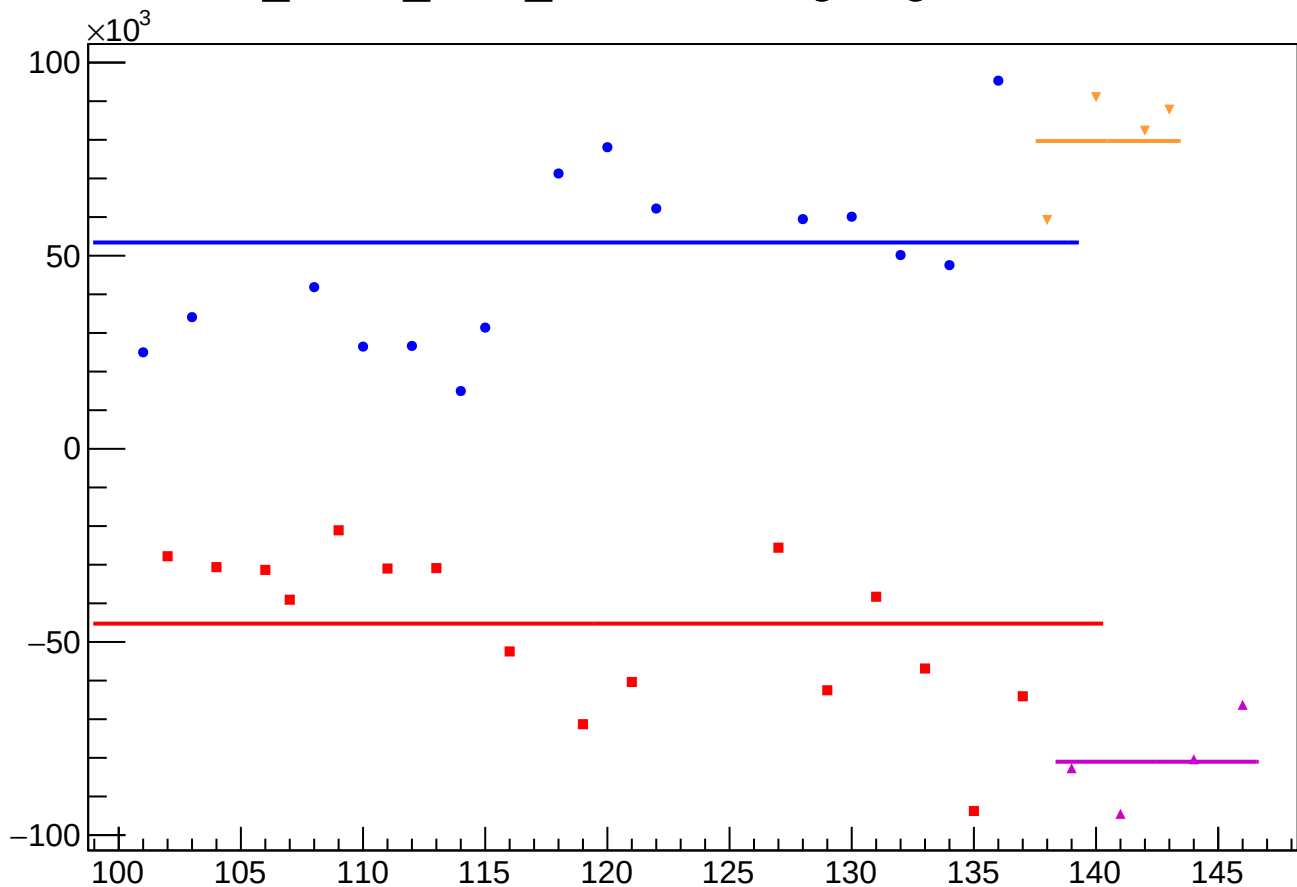
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

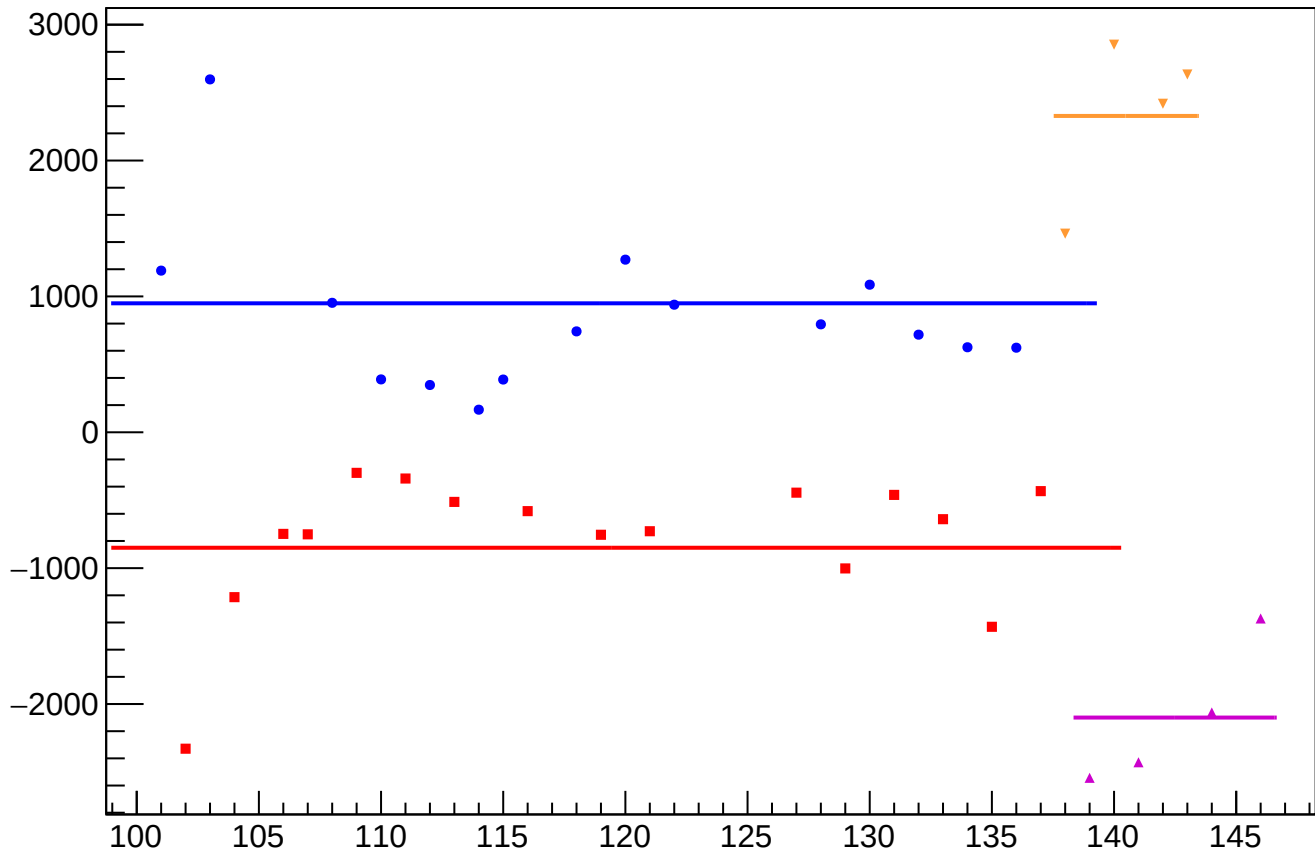
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 53422.452 $\pm$ 0.000 χ^2 /NDF: 360635757315133800133751123167777346551808.0/14
 Left Out: 79694.948 $\pm$ 0.000 χ^2 /NDF: 47933304088285565729810946190919440793600.0/3
 Right Out: -45247.617 $\pm$ 0.000 χ^2 /NDF: 286060196488034430215784613374055547928576.0/15
 Left In: -81009.011 $\pm$ 0.000 χ^2 /NDF: 33728193747894114609627400453884951396352.0/3

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



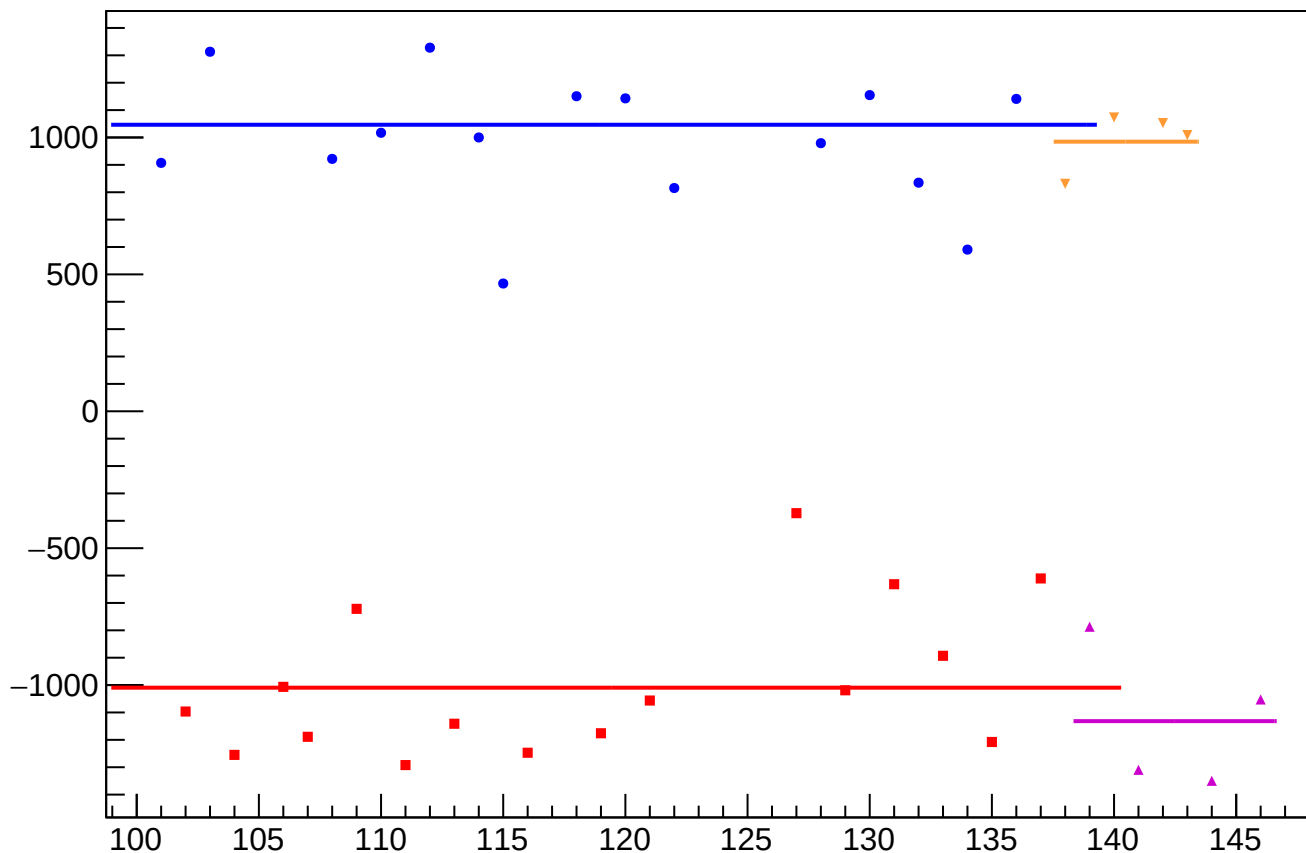
Right In: 949.197 +/- 0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 2328.282 +/- 0.000 χ^2/NDF : 87718126422118032096356466270717083648.0/3

Right Out: -849.827 +/- 0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

Left In: -2099.708 +/- 0.000 χ^2/NDF : 69387092688820614202469501591575592960.0/3

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



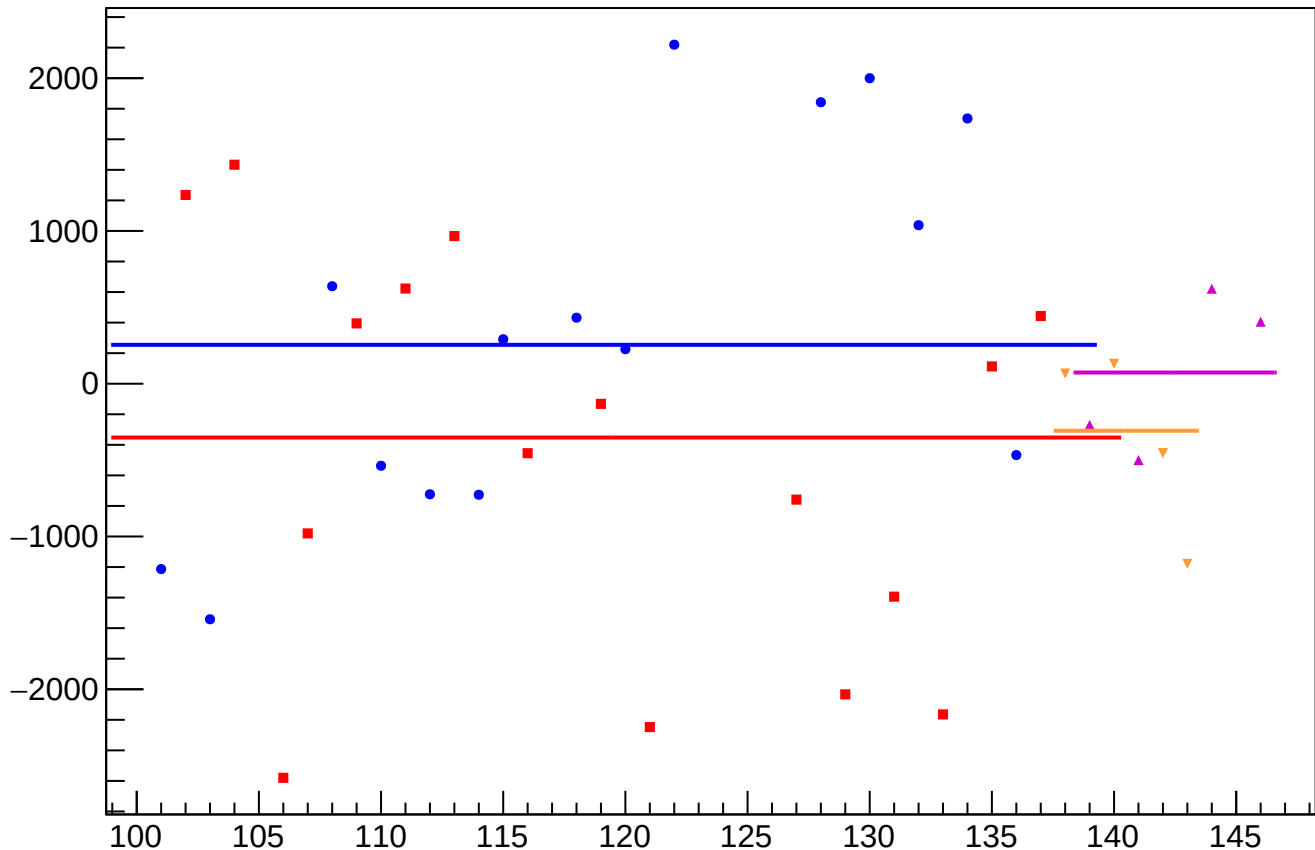
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: -1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_sam5_coil1_mean vs Slug, Sign Corrected



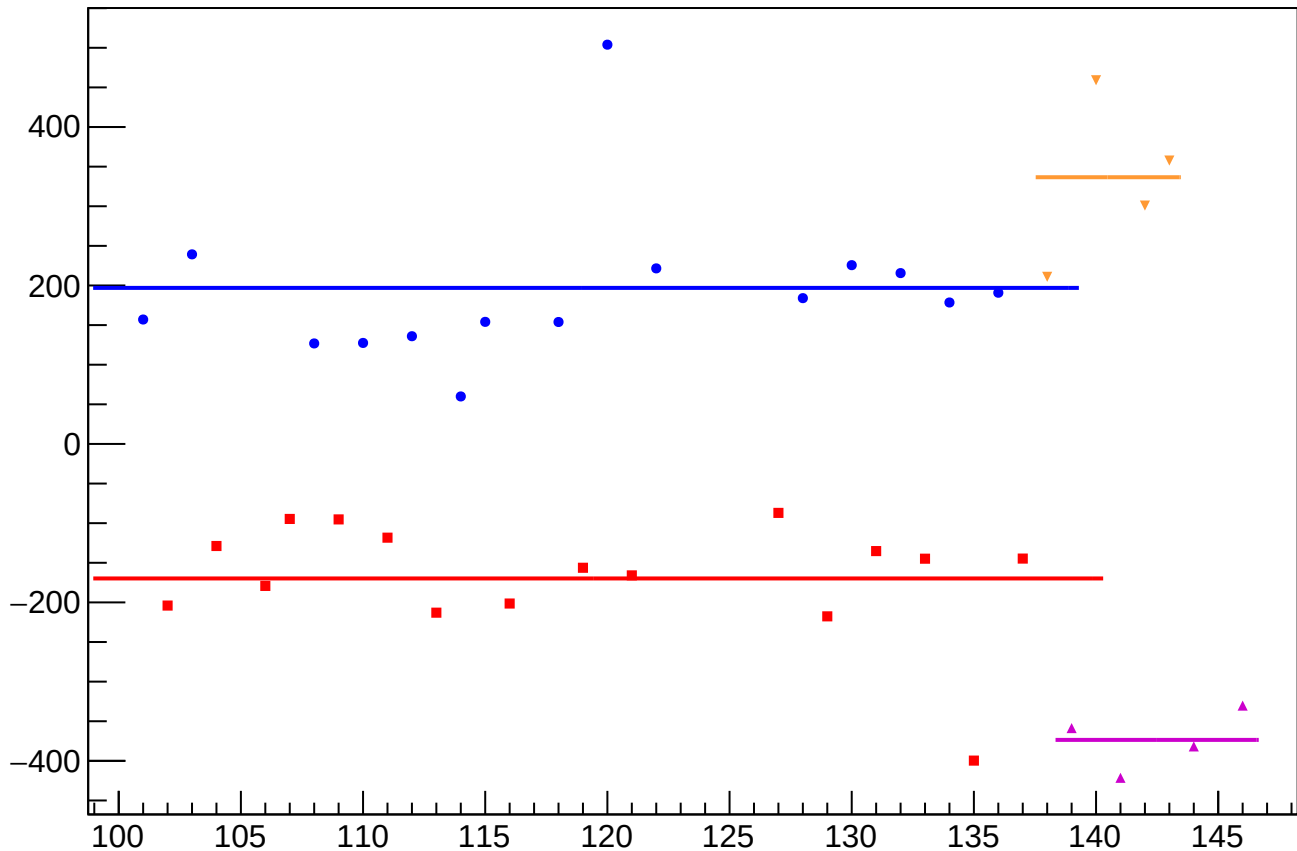
Right In: 254.578 +/- 0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: -307.762 +/- 0.000 χ^2/NDF : 78510521201208646536982839272939716608.0/3

Right Out: -352.308 +/- 0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

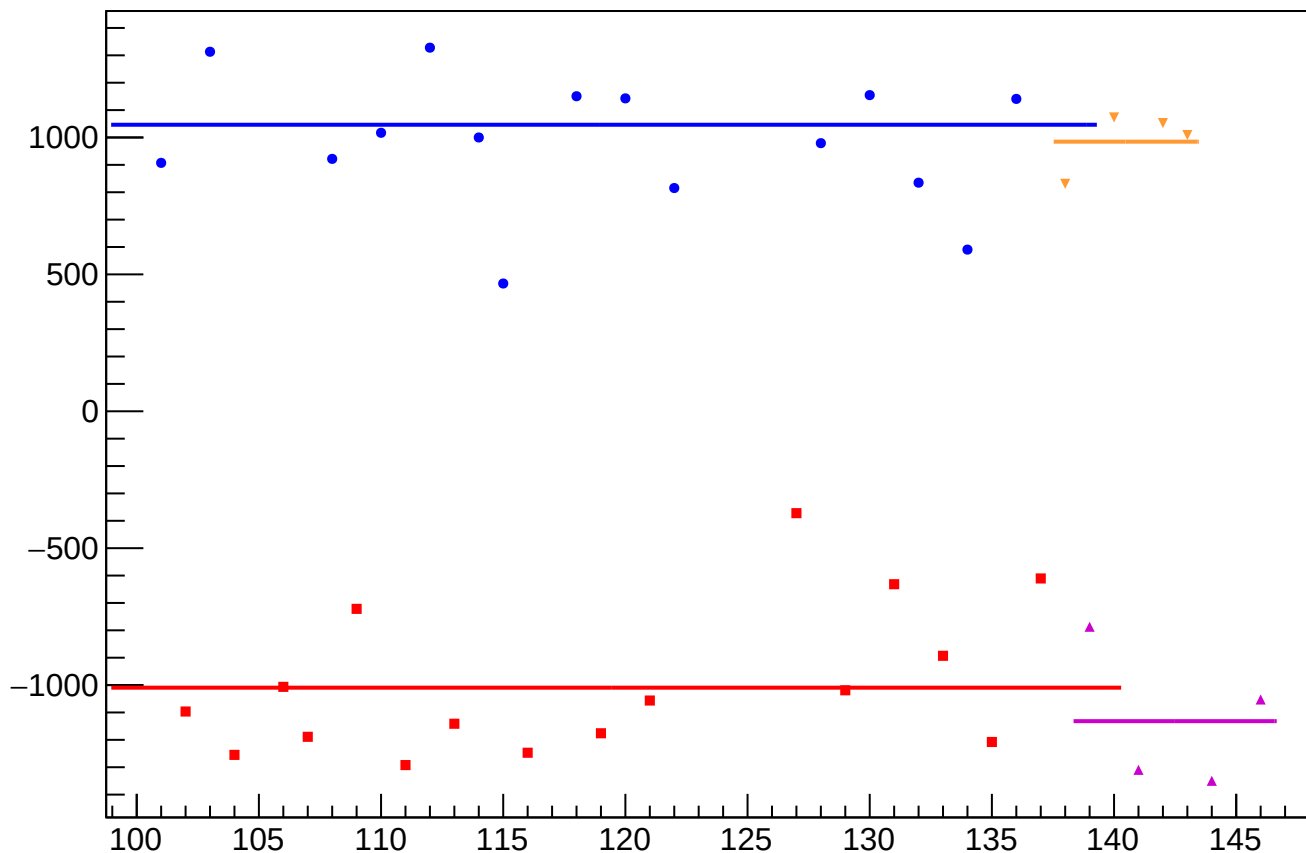
Left In: 73.306 +/- 0.000 χ^2/NDF : 73390113563591340723274165524023476224.0/3

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 196.955 ± 0.000 $\chi^2/\text{NDF}: 4485245160329657914621372425838788608.0/14$
 Left Out: 336.620 ± 0.000 $\chi^2/\text{NDF}: 2549102640247666581339087247494873088.0/3$
 Right Out: -169.778 ± 0.000 $\chi^2/\text{NDF}: 3892609445494845784493558646385410048.0/15$
 Left In: -373.541 ± 0.000 $\chi^2/\text{NDF}: 374030755682813453781603191487463424.0/3$

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



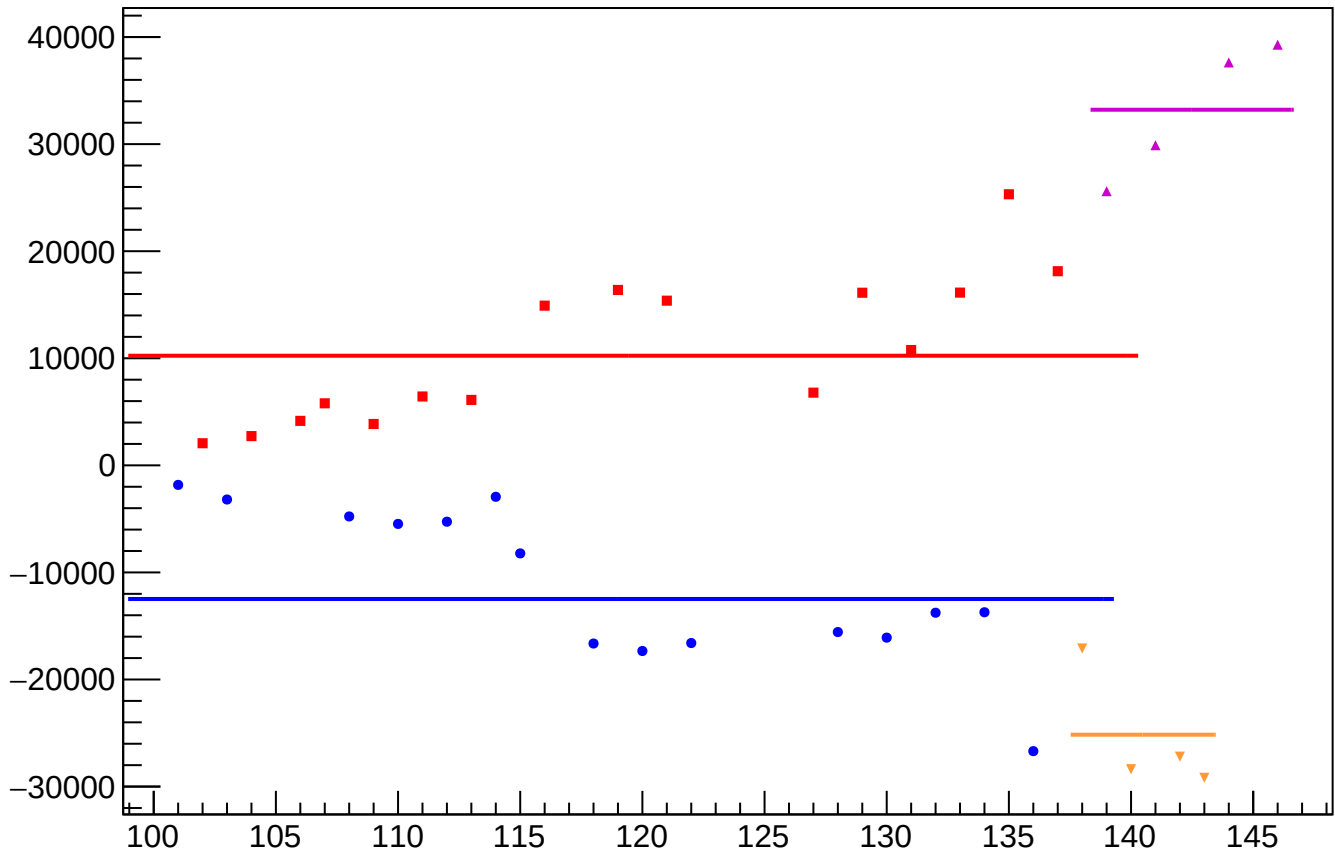
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

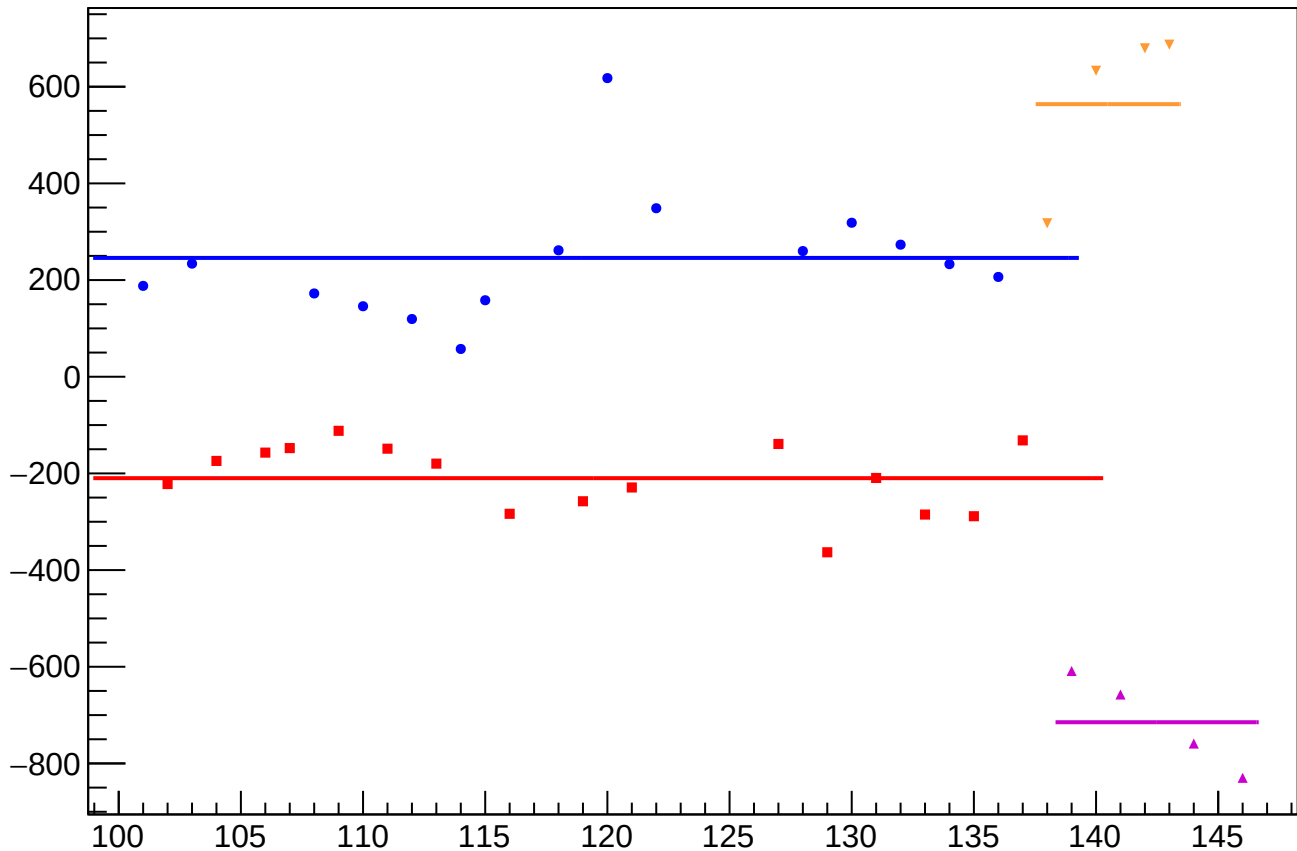
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -25155.910+/-0.000 χ^2/NDF : 7189567303301608707100121655094169042944.0/3
 Right Out: 10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: 33212.315+/-0.000 χ^2/NDF : 10421070678034966459363421393628046557184.0/3

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



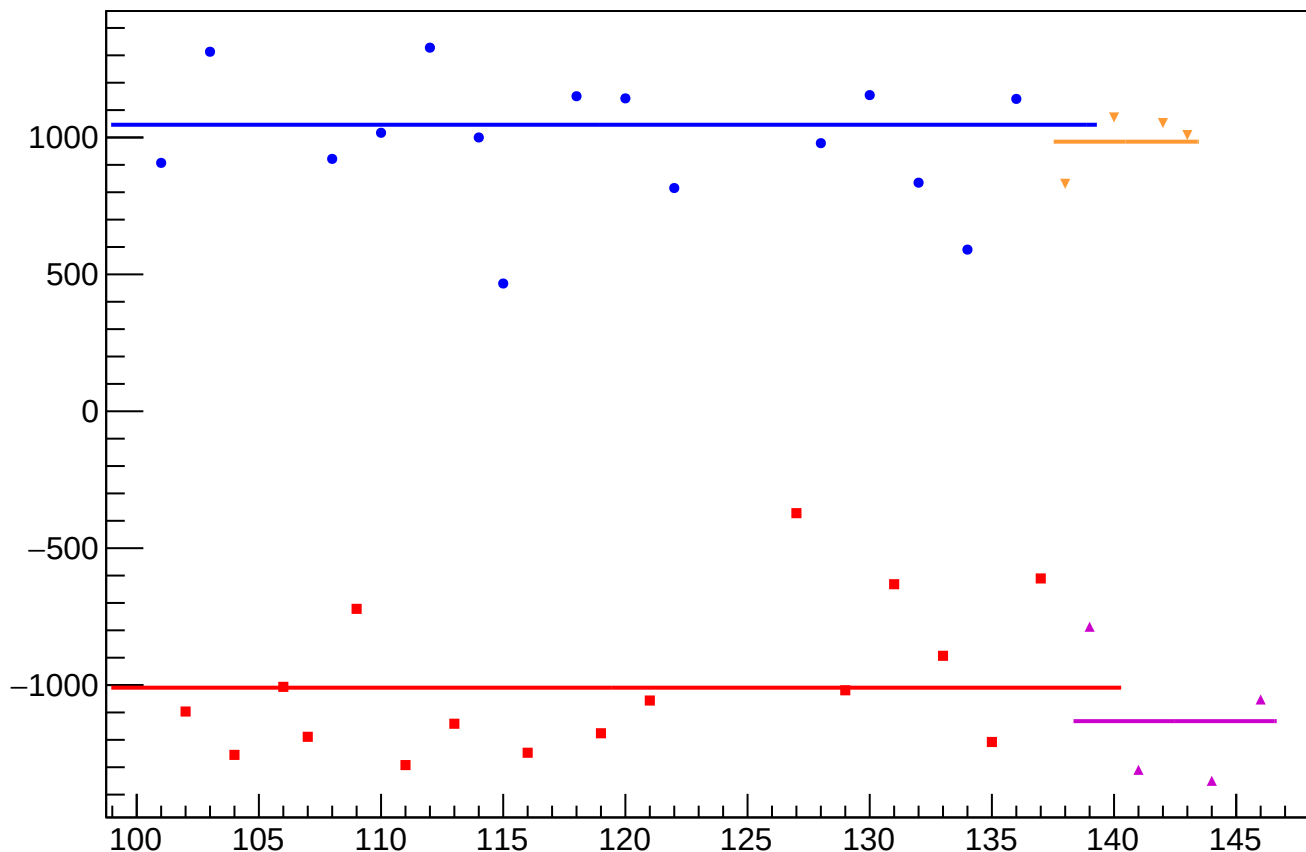
Right In: 245.832 $\pm$ 0.000 χ^2 /NDF: 7828269009300013139414476154059358208.0/14

Left Out: 563.942 $\pm$ 0.000 χ^2 /NDF: 6756923352279194283167281060692099072.0/3

Right Out: -209.844 $\pm$ 0.000 χ^2 /NDF: 3128489258838765241921217786024034304.0/15

Left In: -714.756 $\pm$ 0.000 χ^2 /NDF: 2459861685620115659191270231618093056.0/3

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



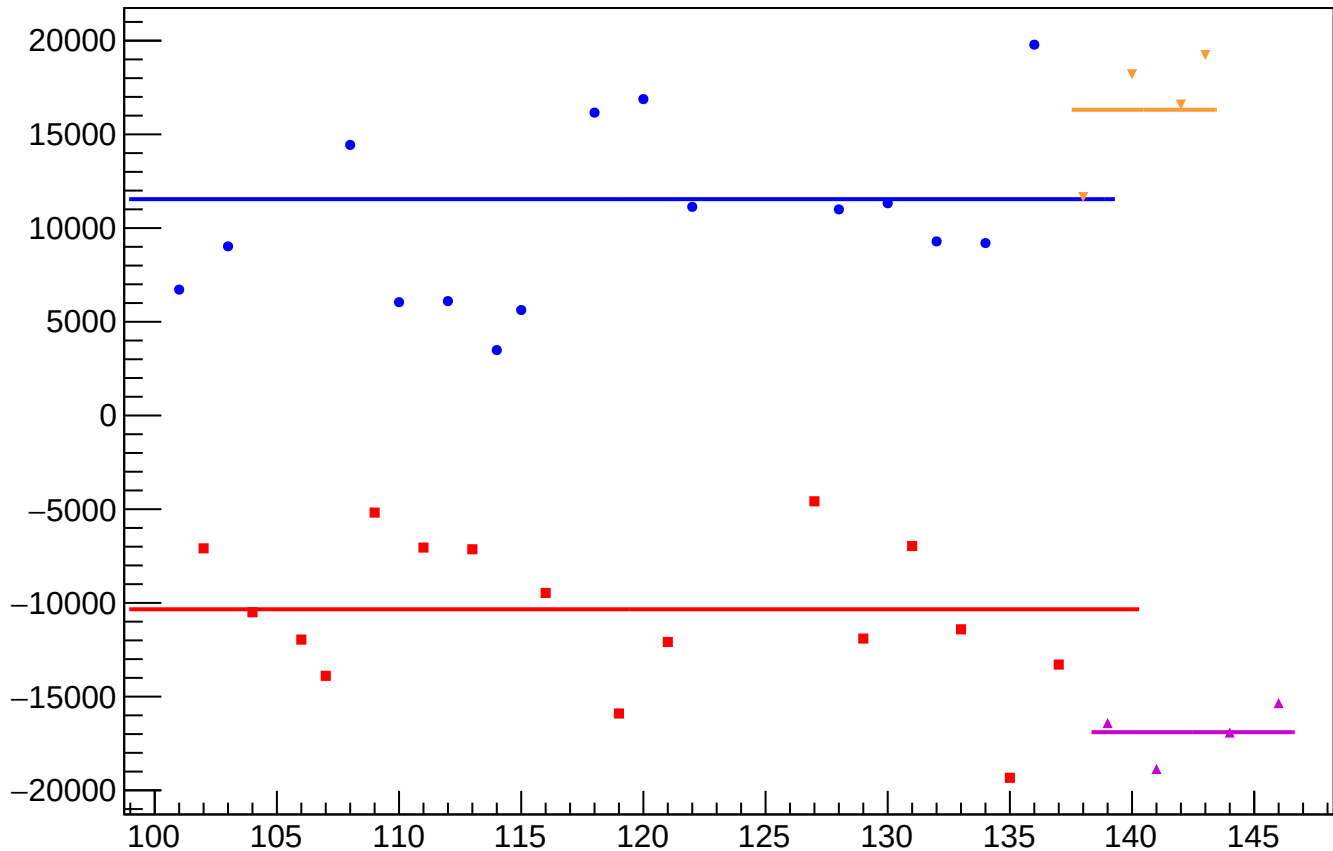
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

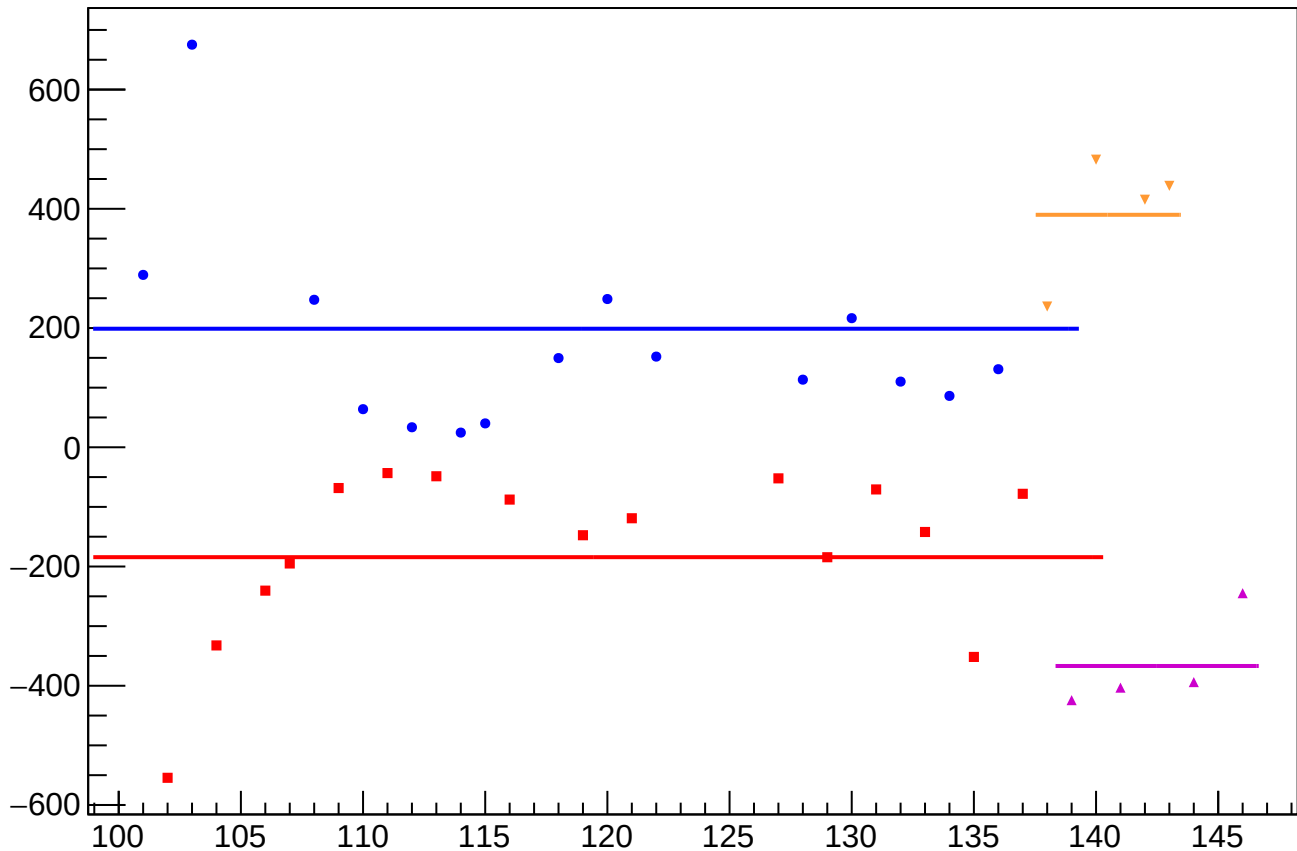
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 11542.759 ± 0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 16313.605 ± 0.000 χ^2/NDF : 2560104338497151514780322811752533196800.0/3
 Right Out: -10339.969 ± 0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: -16897.791 ± 0.000 χ^2/NDF : 545469317769551317748017360397609730048.0/3

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



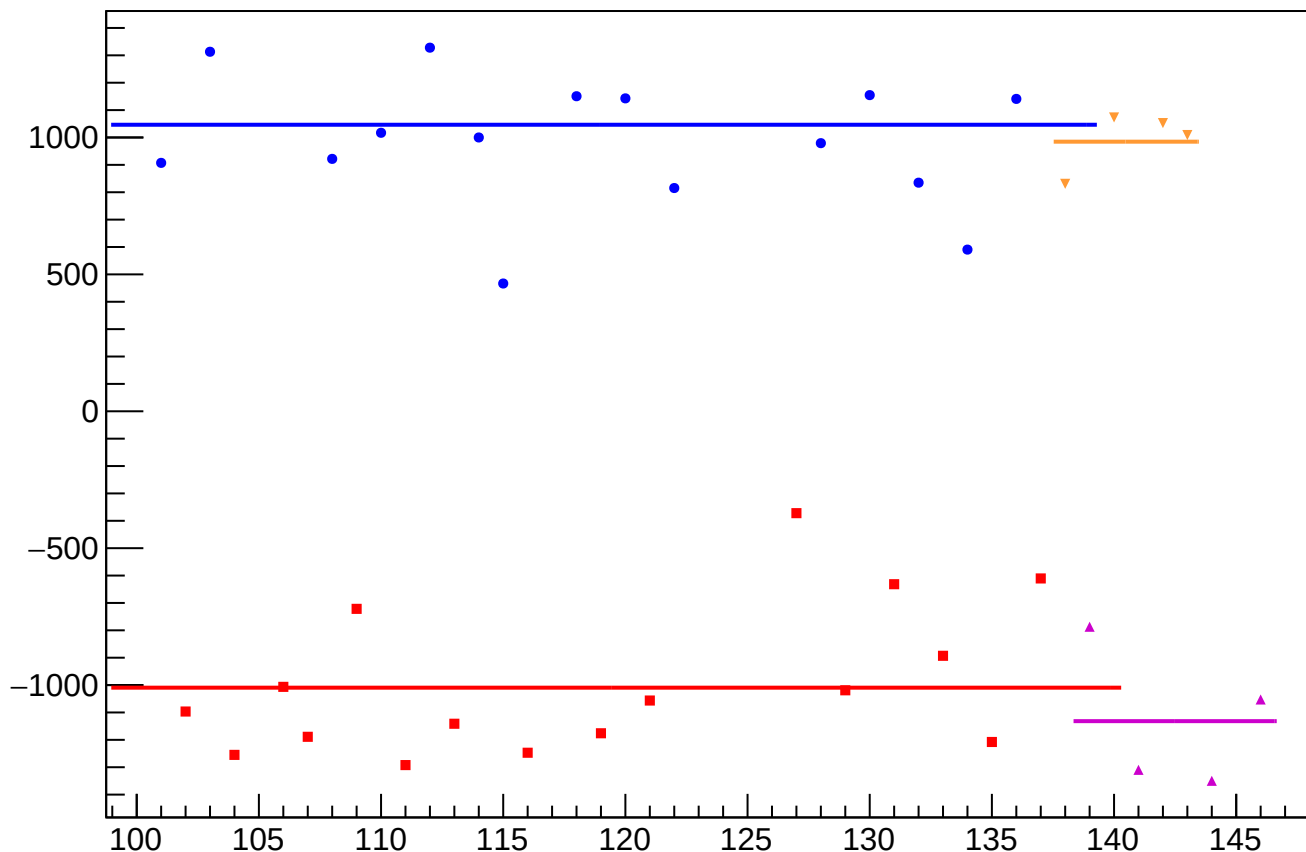
Right In: 198.850 +/- 0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 389.940 +/- 0.000 χ^2/NDF : 2734904938312082855577054309699813376.0/3

Right Out: -184.328 +/- 0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

Left In: -366.840 +/- 0.000 χ^2/NDF : 1680438696314560677583273977515606016.0/3

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



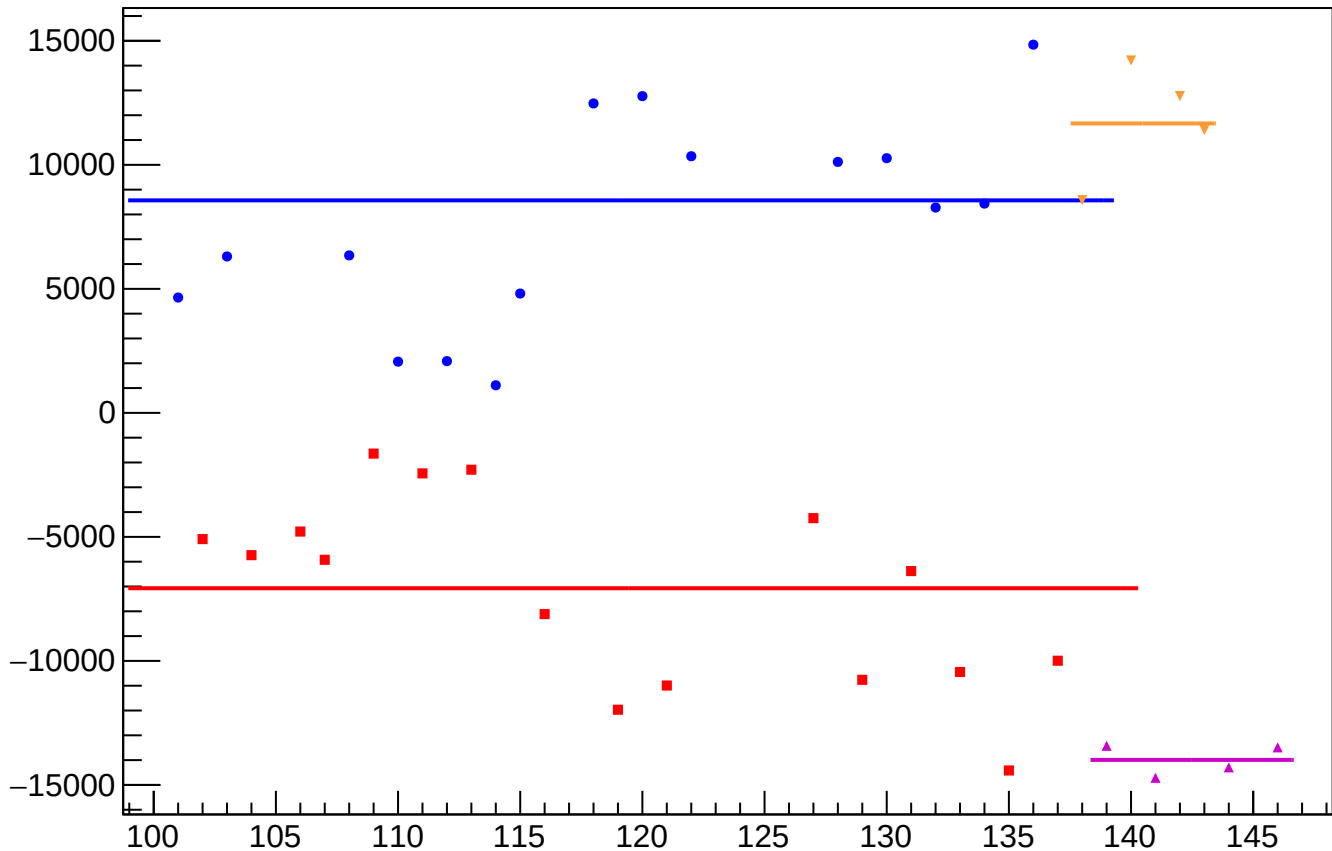
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

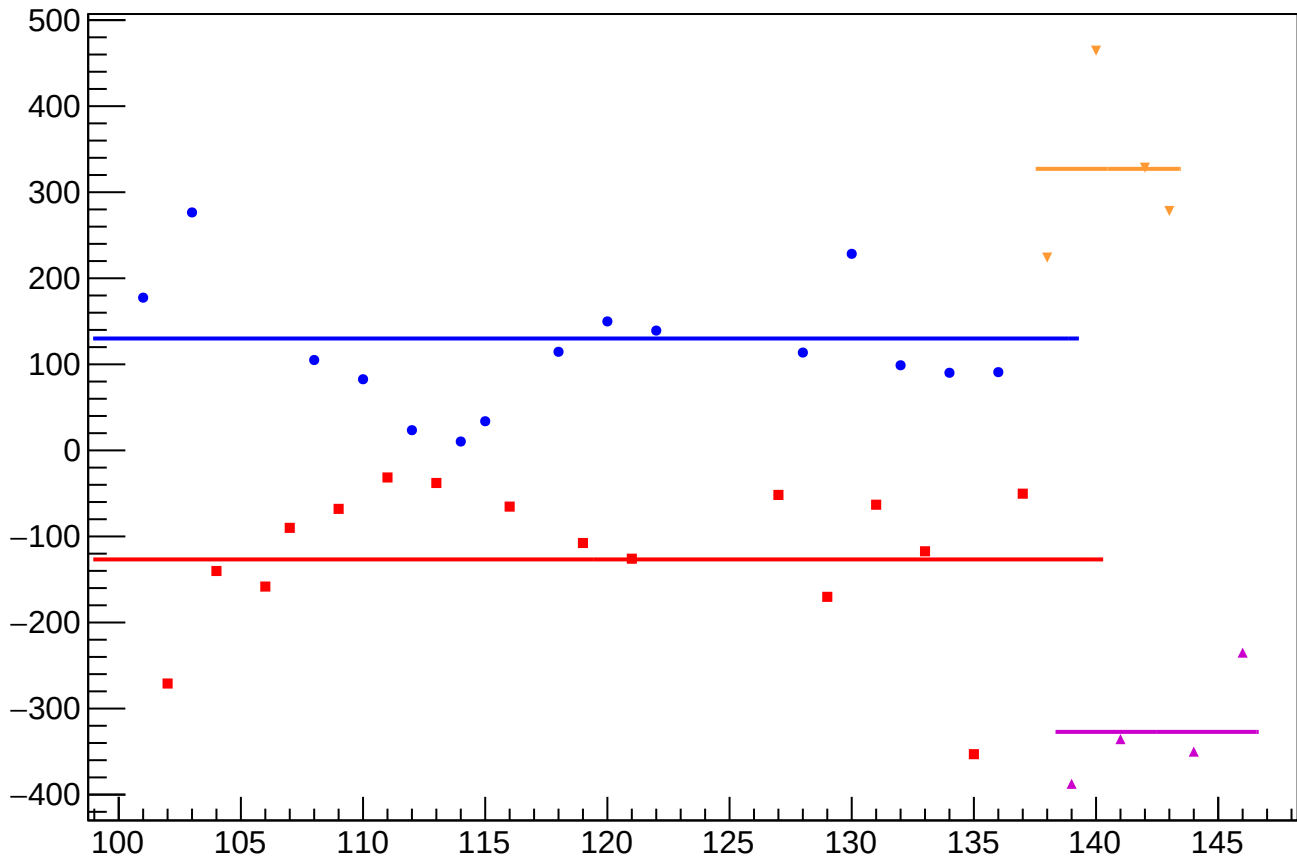
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_sam8_coil1_mean vs Slug, Sign Corrected



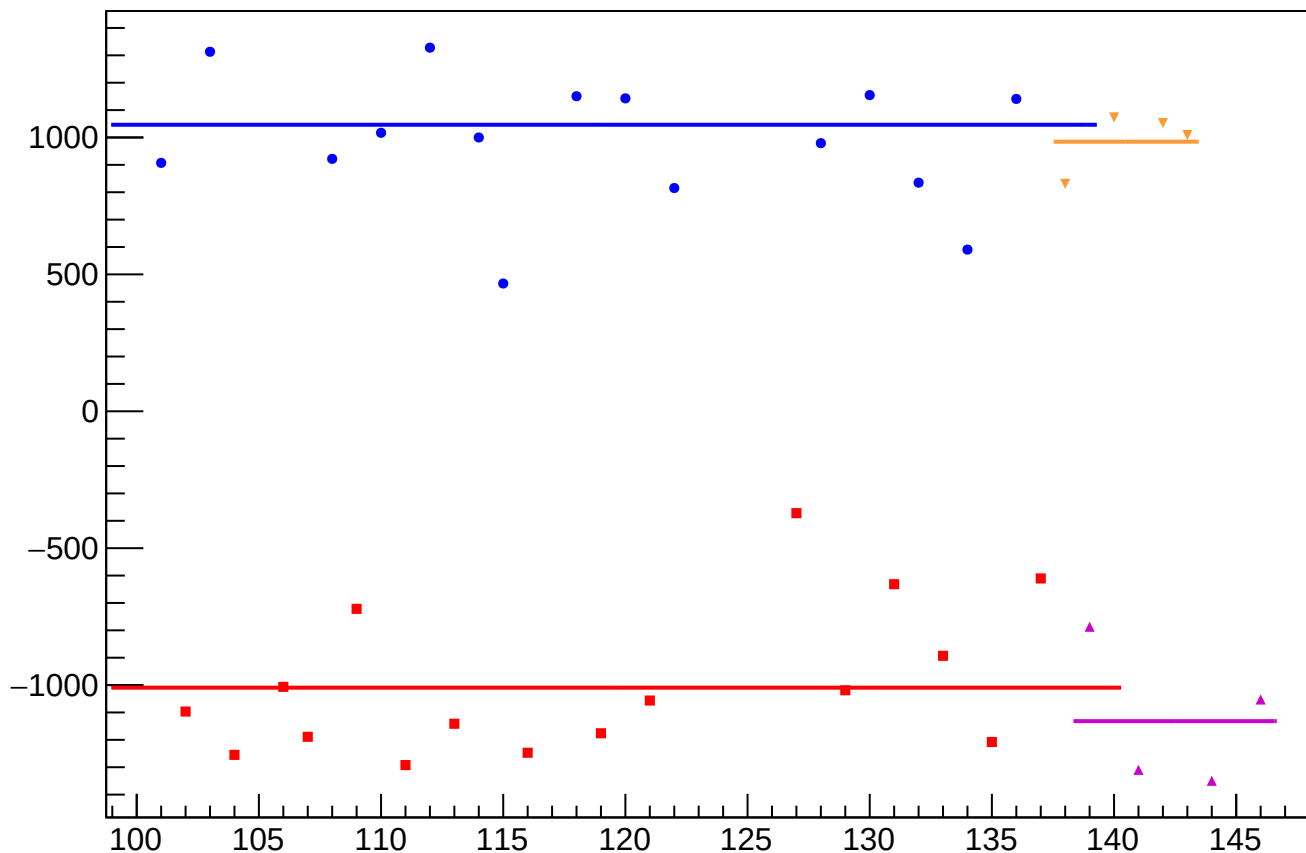
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 11668.779+/-0.000 χ^2/NDF : 1335628743787083547277349312305918115840.0/3
 Right Out: -7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: -13990.367+/-0.000 χ^2/NDF : 998148190825291266232825073708826624.0/3

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 130.021 $\pm$ 0.000 χ^2 /NDF: 3115259987552341725946418665378283520.0/14
 Left Out: 327.162 $\pm$ 0.000 χ^2 /NDF: 2536447229870285505452810978260418560.0/3
 Right Out: -126.709 $\pm$ 0.000 χ^2 /NDF: 5397122581297664561308621600668516352.0/15
 Left In: -327.097 $\pm$ 0.000 χ^2 /NDF: 1051855985123974069372214167098884096.0/3

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



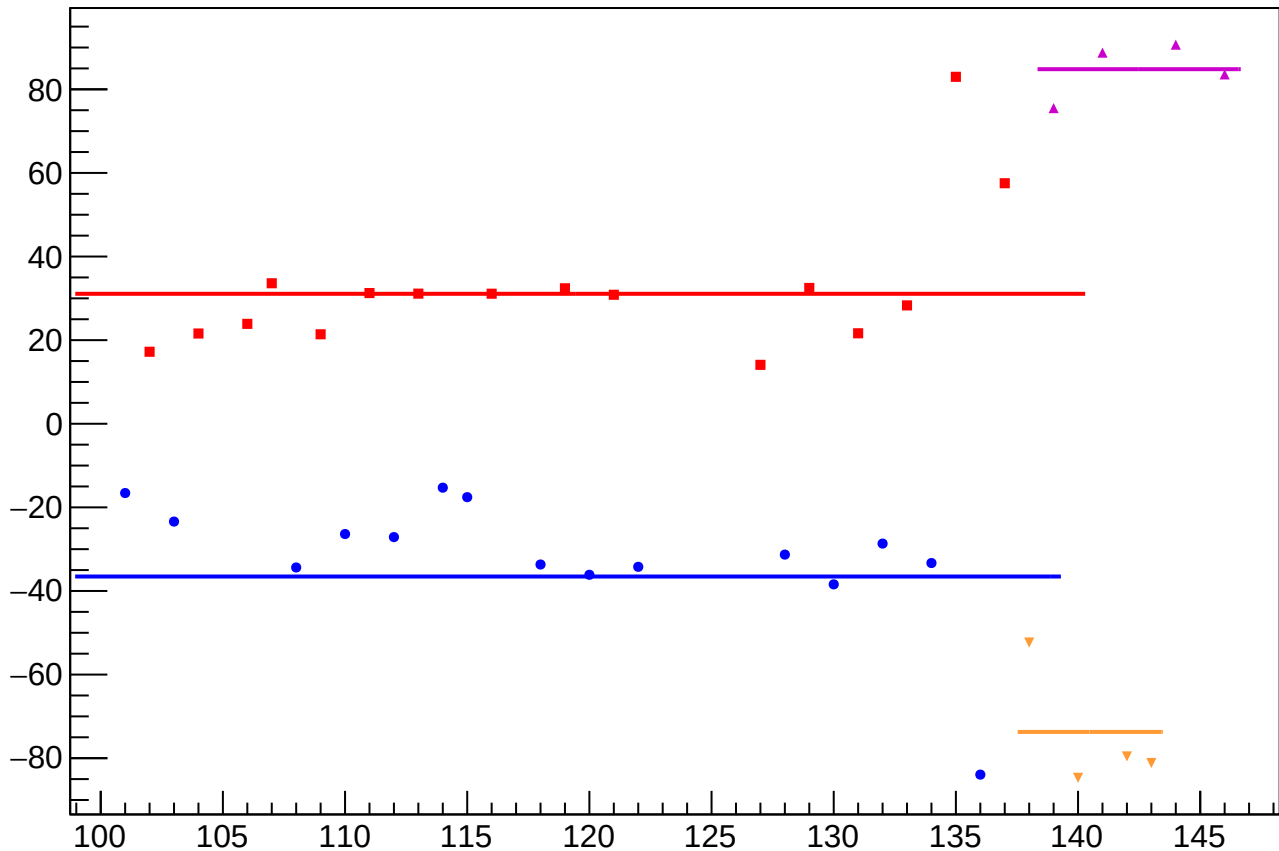
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

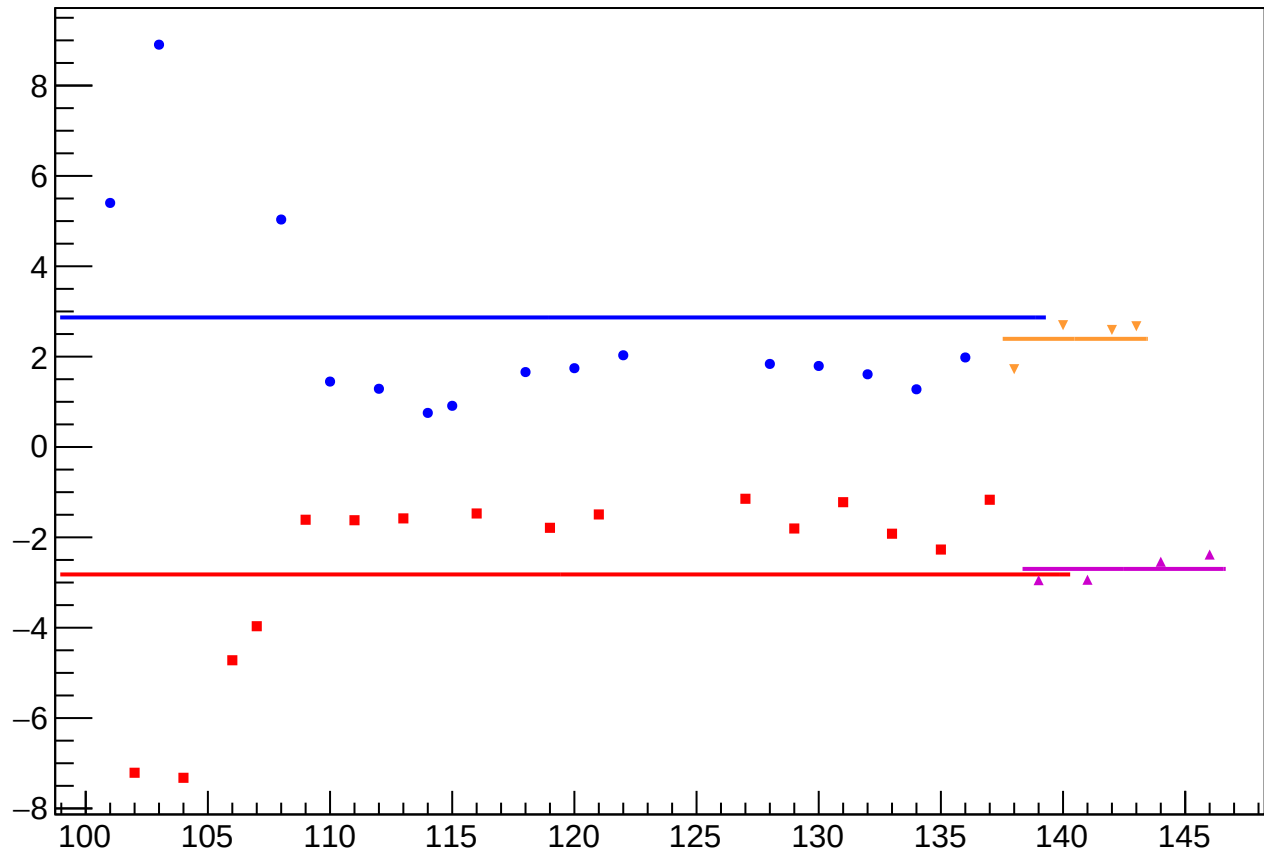
Left In: -1131.722 ± 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_4aX_coil3_mean vs Slug, Sign Corrected



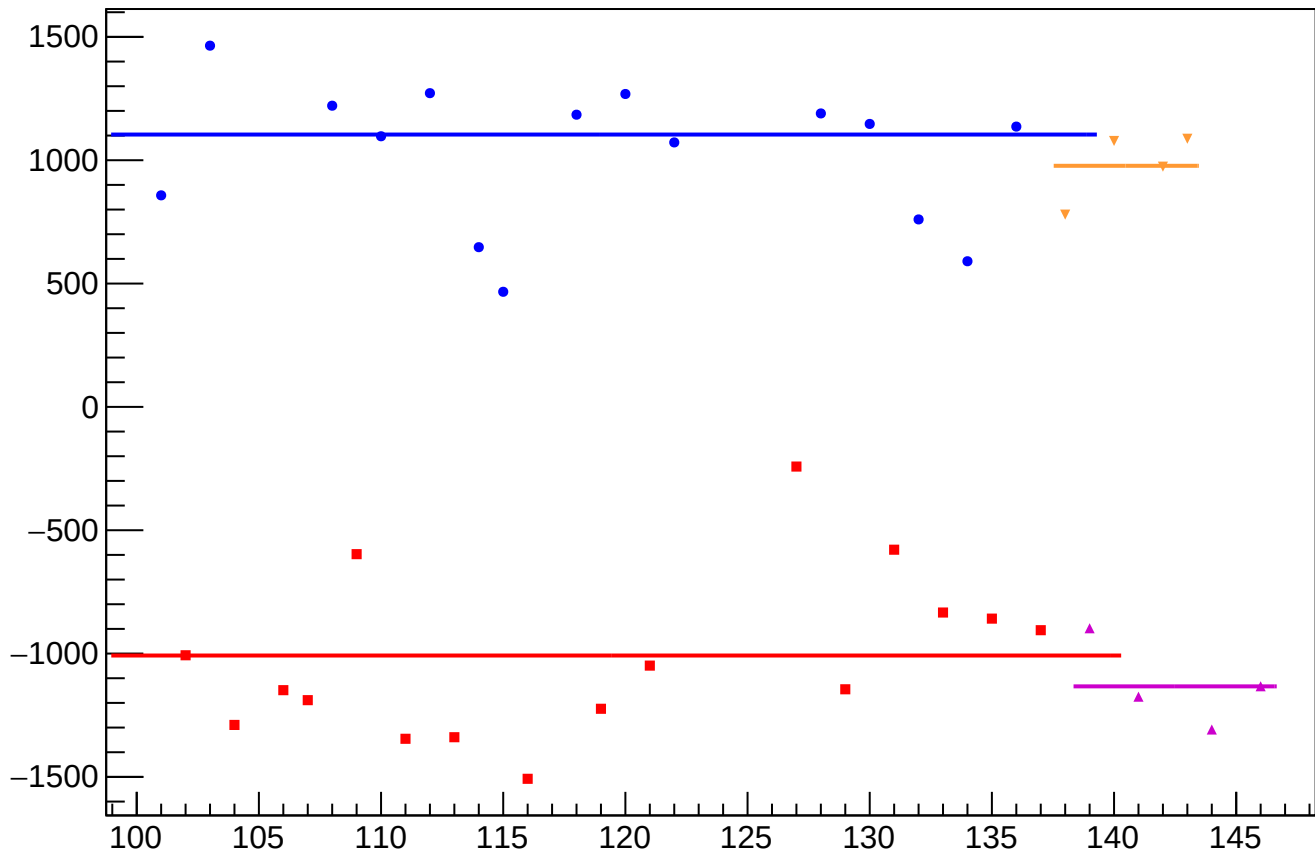
Right In: -36.540 ± 0.000 $\chi^2/\text{NDF}: 254351867861444609202637633864335360.0/14$
 Left Out: -73.715 ± 0.000 $\chi^2/\text{NDF}: 50817182330087633005569437492838400.0/3$
 Right Out: 31.085 ± 0.000 $\chi^2/\text{NDF}: 181291079119381636178408498876383232.0/15$
 Left In: 84.818 ± 0.000 $\chi^2/\text{NDF}: 11547022211710462259276885300084736.0/3$

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867+/-0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.394+/-0.000 χ^2/NDF : 49651661881777538088332825722880.0/3
 Right Out: -2.821+/-0.000 χ^2/NDF : 3052948718107902490497172912472064.0/15
 Left In: -2.699+/-0.000 χ^2/NDF : 20542384759073816336172717178880.0/3

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



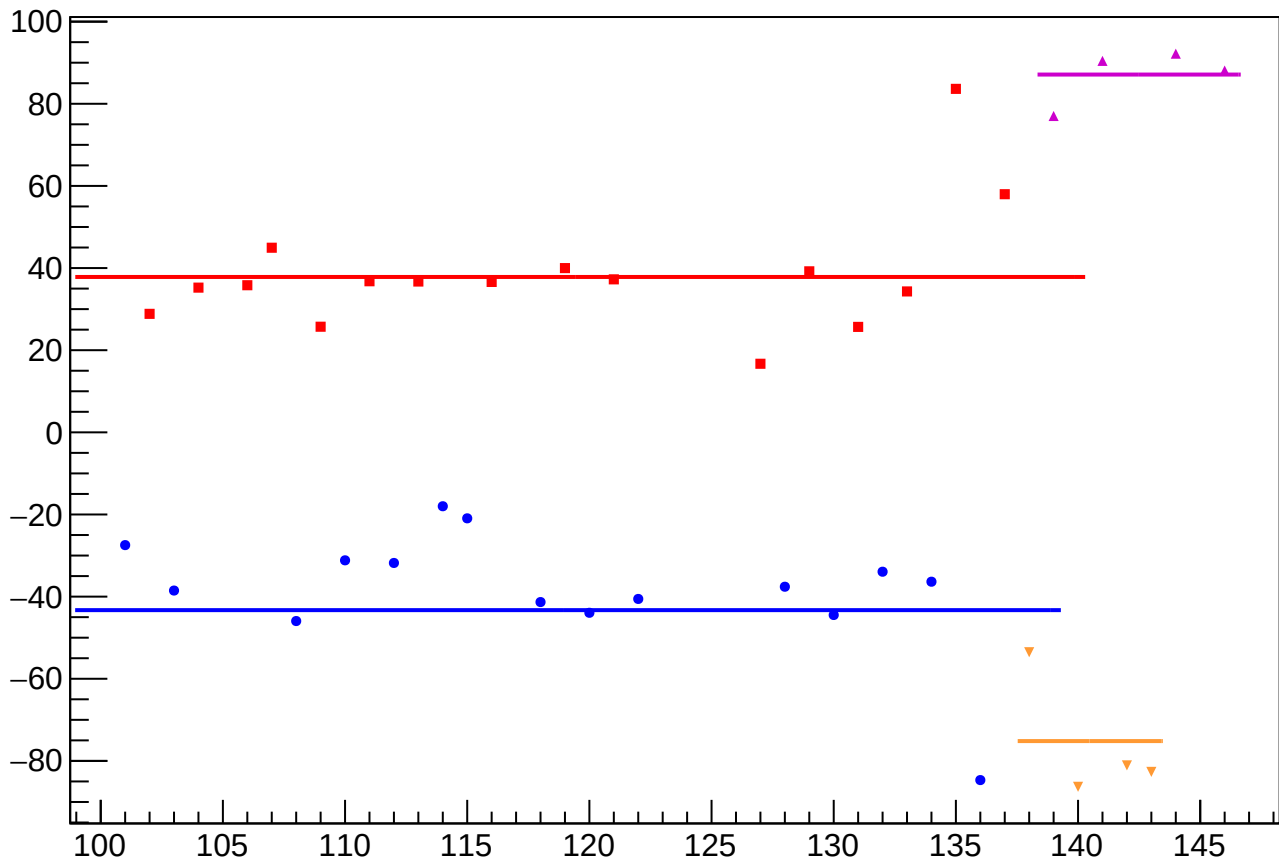
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

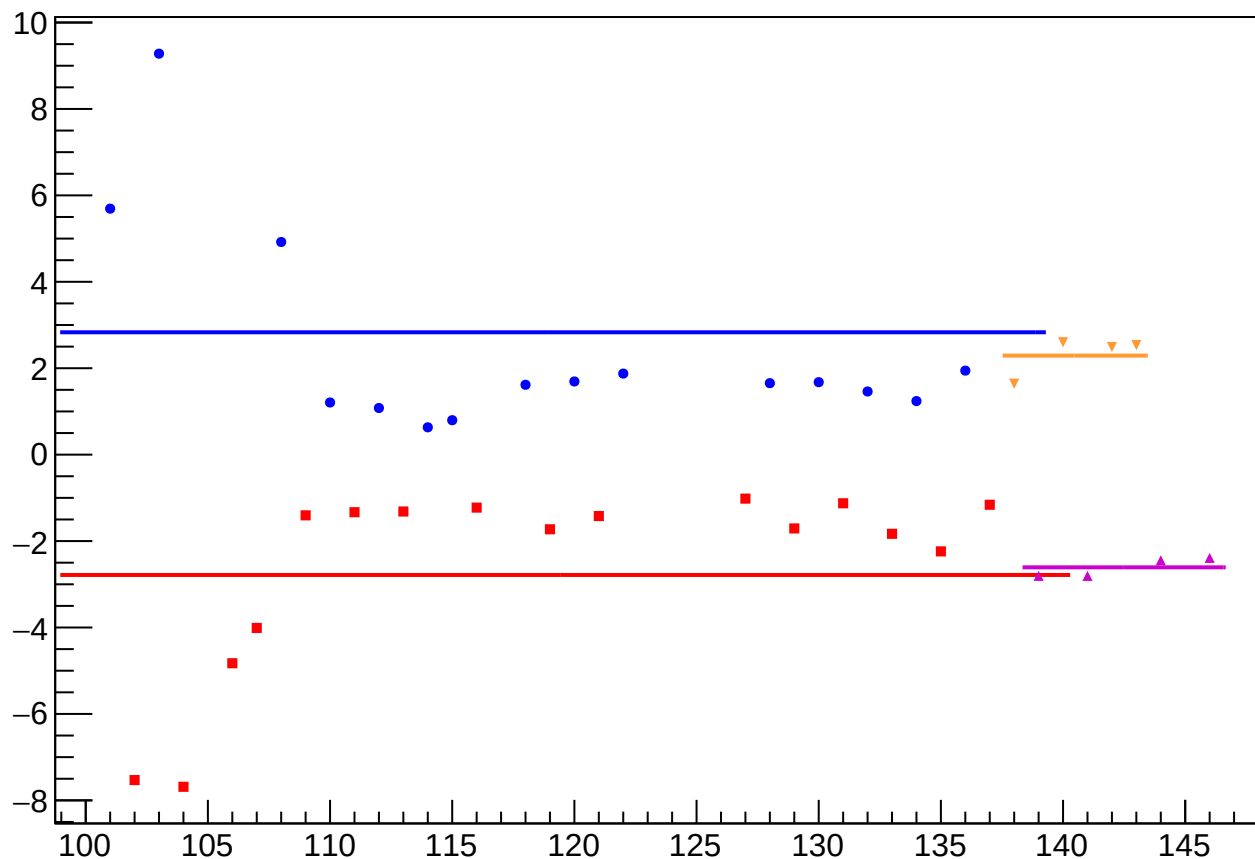
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_4eX_coil3_mean vs Slug, Sign Corrected



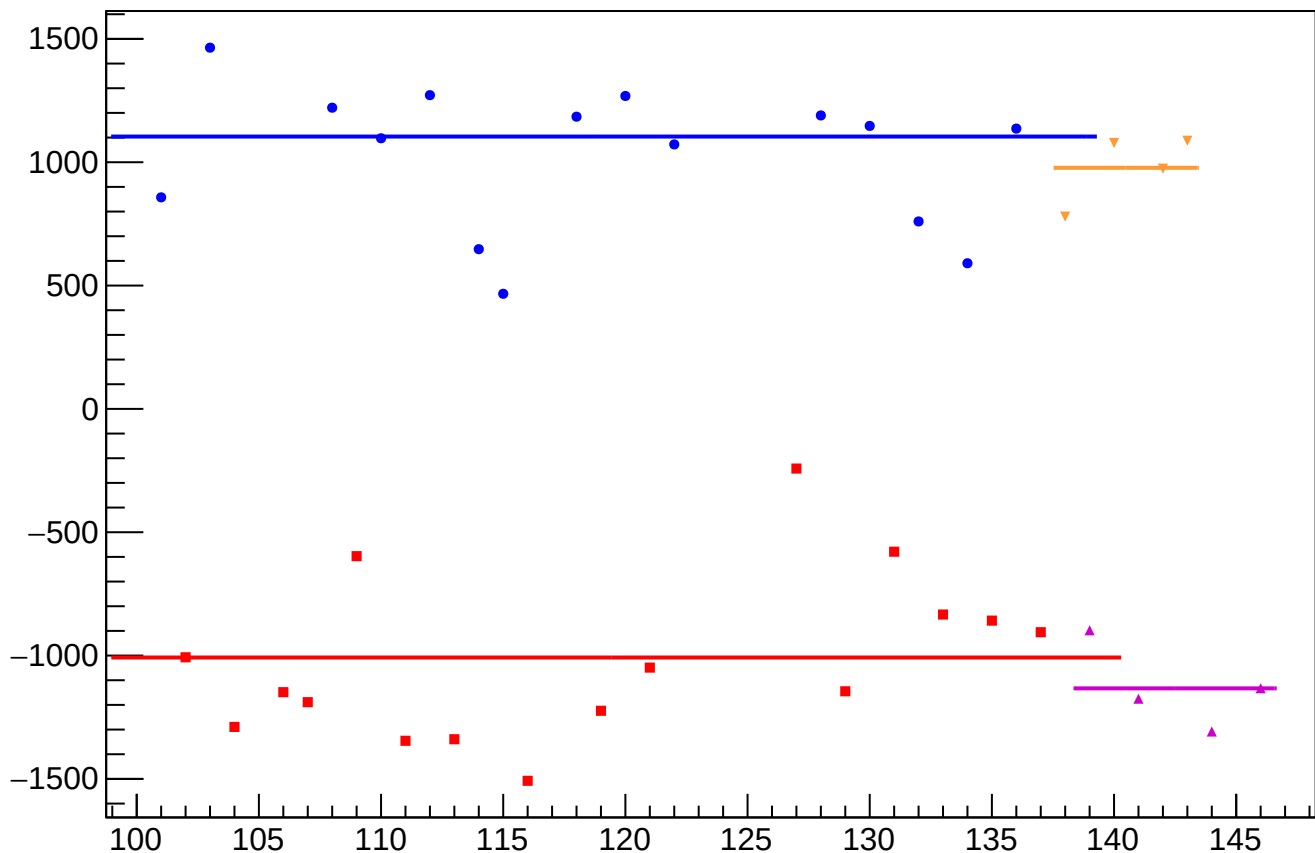
Right In: -43.289 $\pm$ 0.000 χ^2 /NDF: 199342736778845281087197523996573696.0/14
 Left Out: -75.173 $\pm$ 0.000 χ^2 /NDF: 52043987632425258820666244886167552.0/3
 Right Out: 37.832 $\pm$ 0.000 χ^2 /NDF: 148683933977204936634636843897323520.0/15
 Left In: 87.114 $\pm$ 0.000 χ^2 /NDF: 11564417005236371420261785972768768.0/3

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.832 +/- 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.292 +/- 0.000 χ^2/NDF : 46595415532977796743838786650112.0/3
 Right Out: -2.784 +/- 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: -2.608 +/- 0.000 χ^2/NDF : 12783658125096185640405543419904.0/3

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



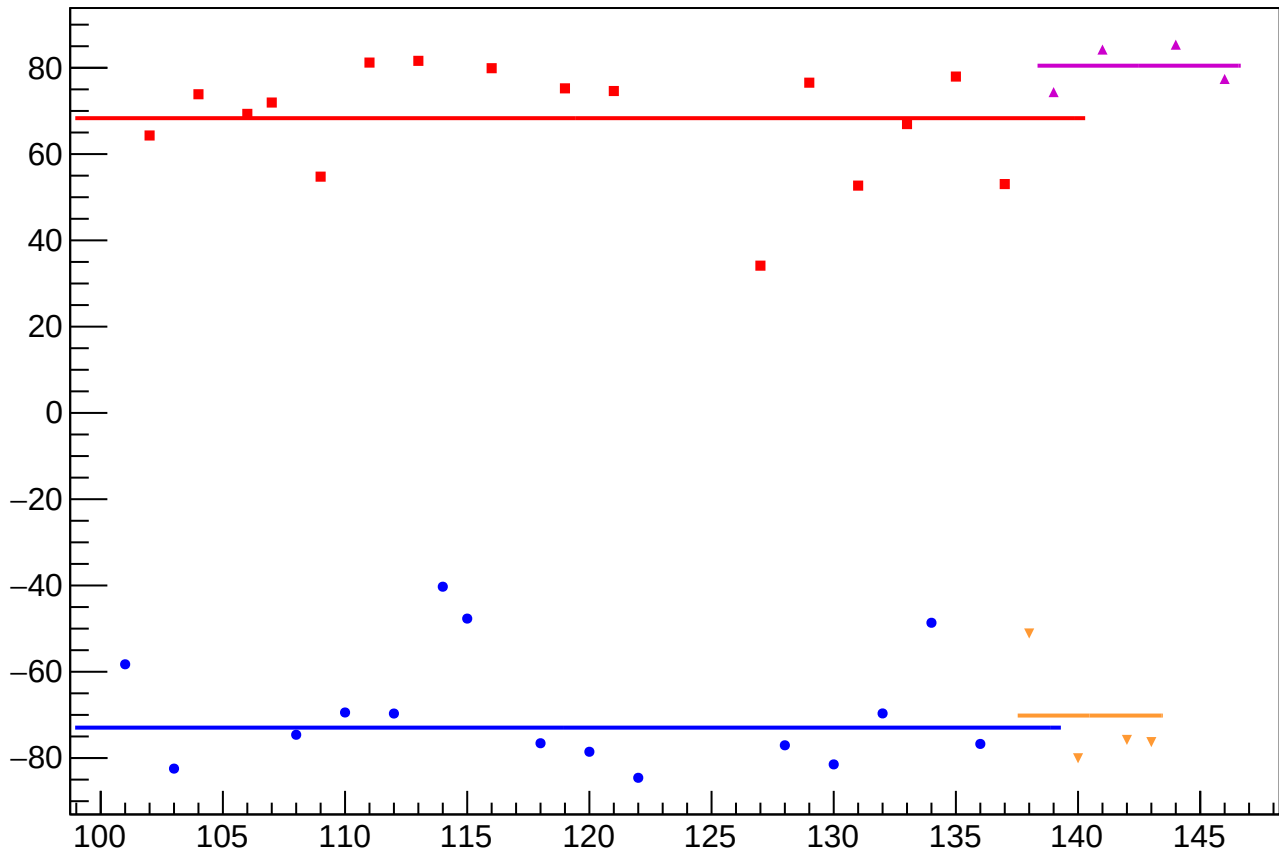
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

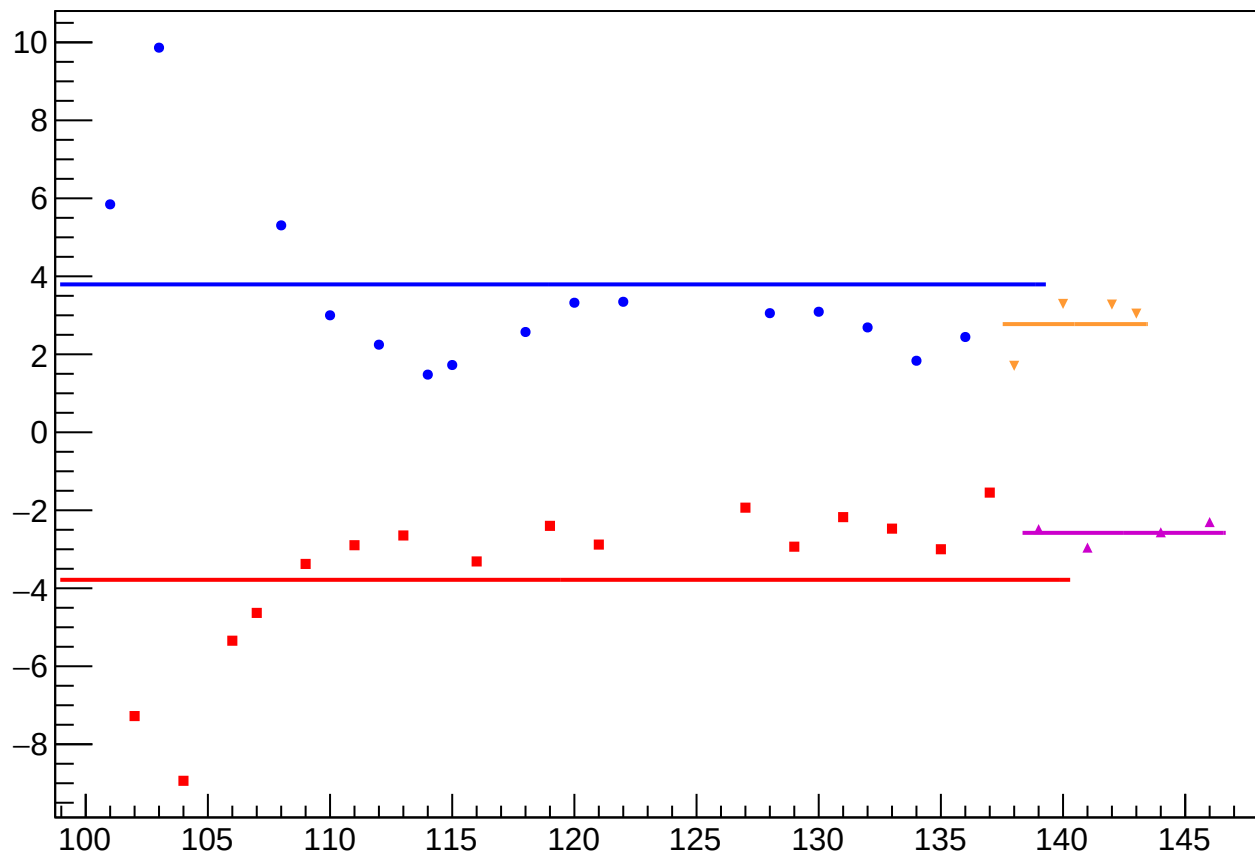
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_11X12X_coil3_mean vs Slug, Sign Corrected



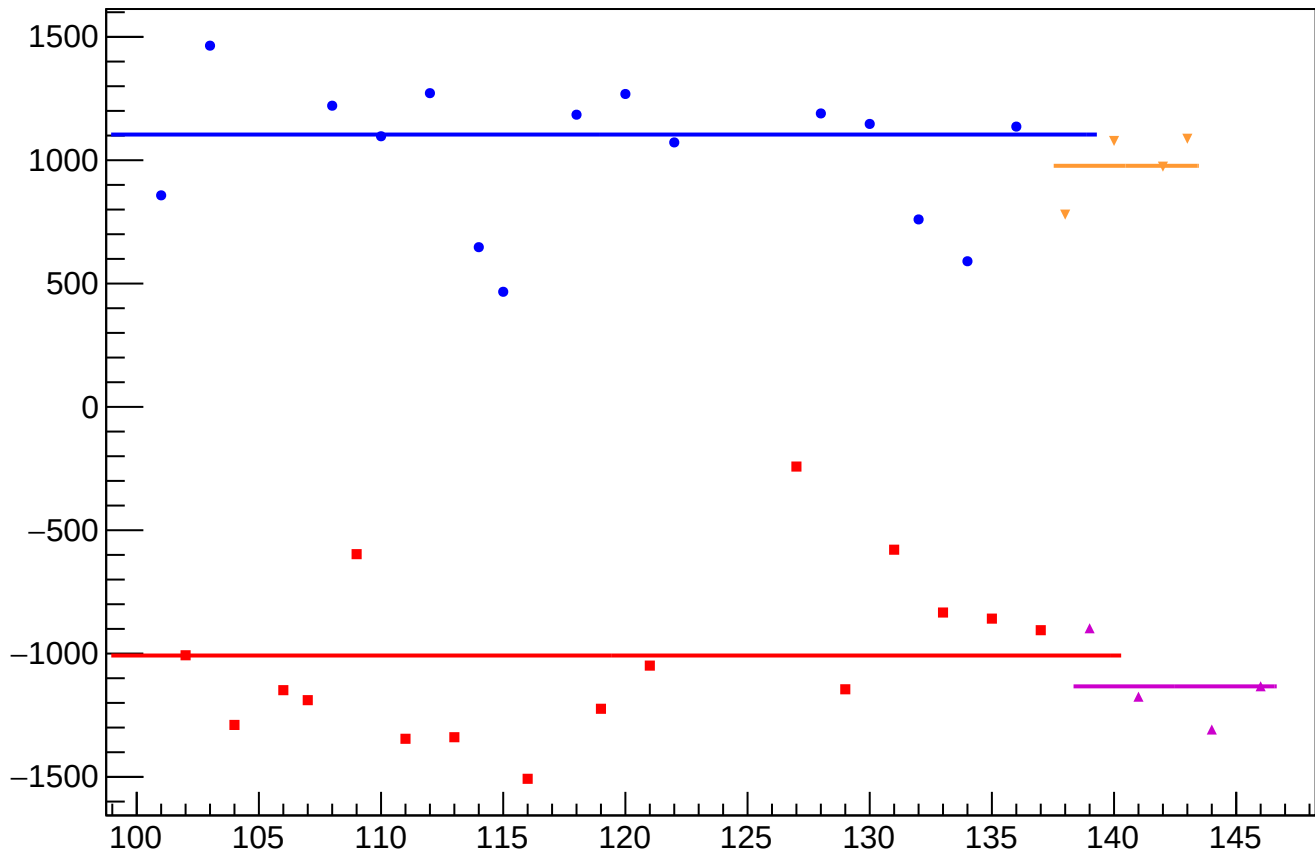
Right In: -72.949 $\pm$ 0.000 χ^2 /NDF: 65755428464857980306879126291087360.0/14
 Left Out: -70.152 $\pm$ 0.000 χ^2 /NDF: 40273283398356609580799778155921408.0/3
 Right Out: 68.324 $\pm$ 0.000 χ^2 /NDF: 106694344898202364483367131372584960.0/15
 Left In: 80.491 $\pm$ 0.000 χ^2 /NDF: 7123821578661689894199711441616896.0/3

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.775+/-0.000 χ^2/NDF : 127523314193759943205134998175744.0/3
 Right Out: -3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: -2.579+/-0.000 χ^2/NDF : 19262521082795360006911895273472.0/3

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



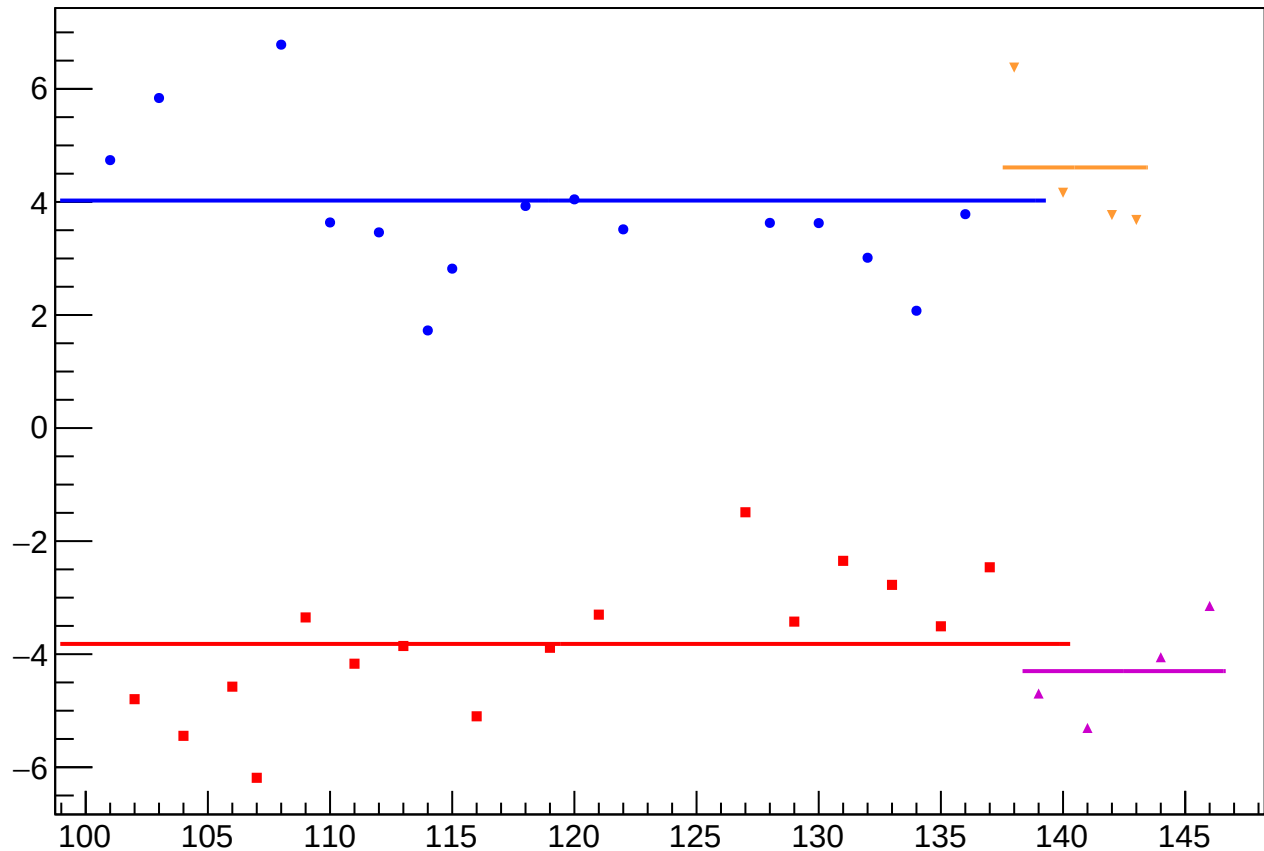
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

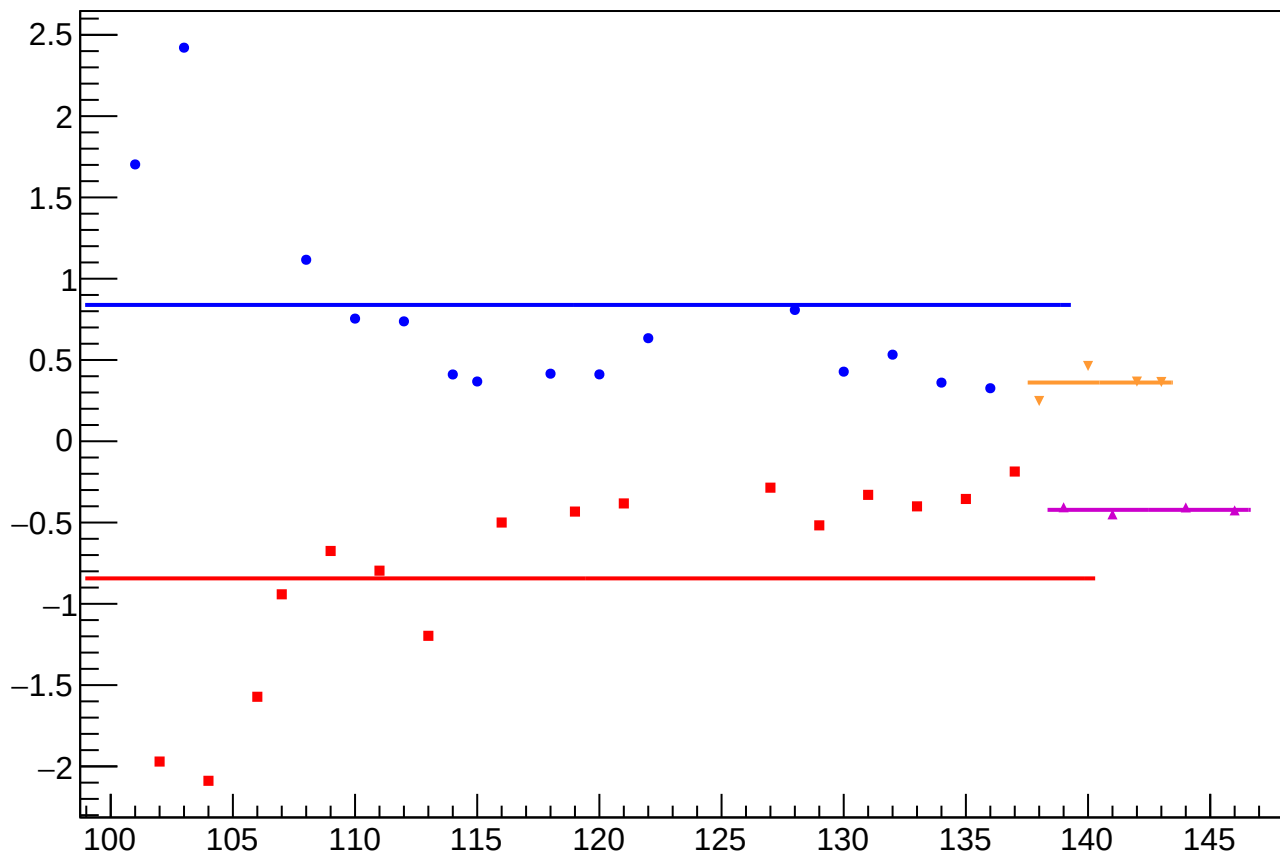
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 4.025 +/- 0.000 χ^2/NDF : 769001650442321928129473832550400.0/14
 Left Out: 4.611 +/- 0.000 χ^2/NDF : 350237745088913975679215193817088.0/3
 Right Out: -3.819 +/- 0.000 χ^2/NDF : 888232240226434329114859171479552.0/15
 Left In: -4.300 +/- 0.000 χ^2/NDF : 214272979352493635118245231984640.0/3

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



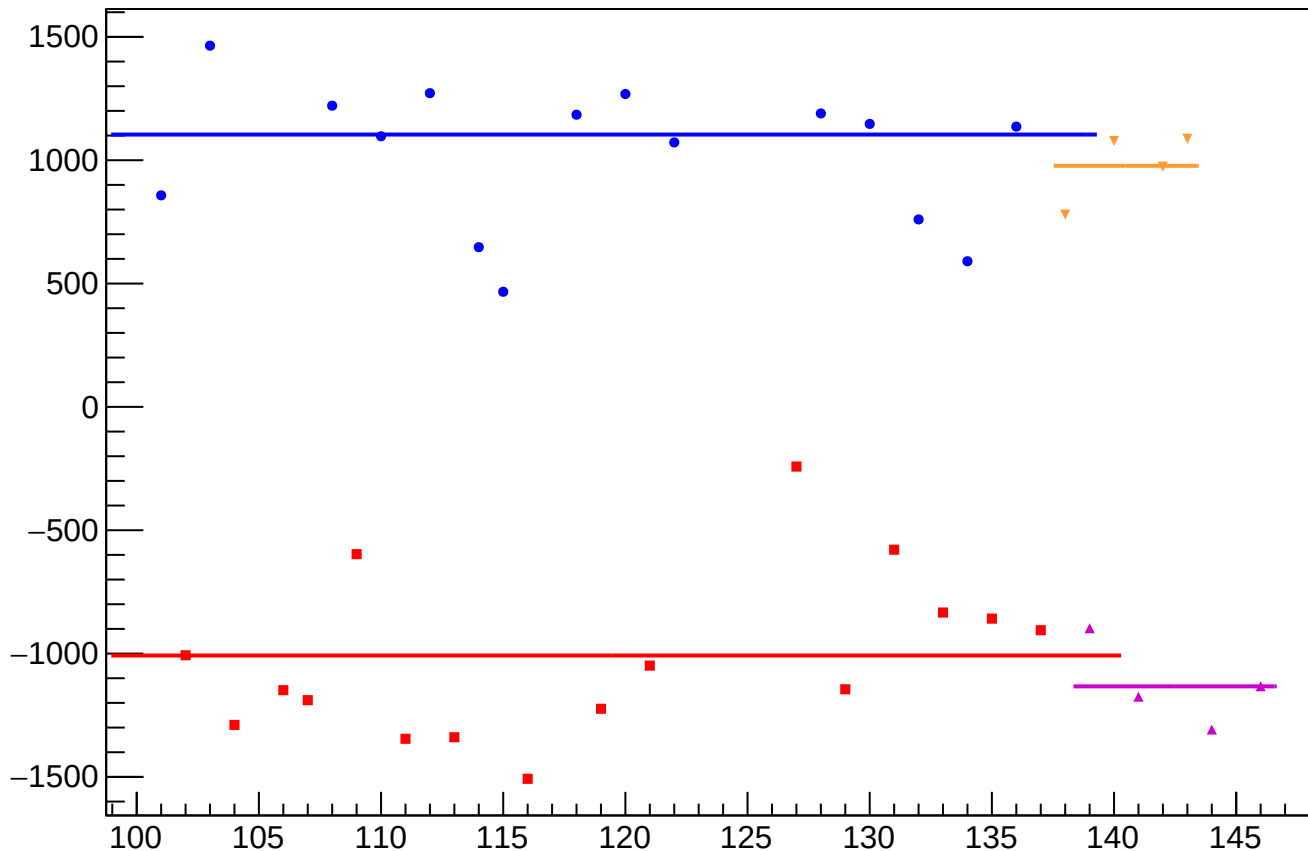
Right In: 0.839 +/- 0.000 χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.361 +/- 0.000 χ^2/NDF : 1859364699990356731935514951680.0/3

Right Out: -0.844 +/- 0.000 χ^2/NDF : 252917509393432760240648918925312.0/15

Left In: -0.422 +/- 0.000 χ^2/NDF : 106209850688097666286930100224.0/3

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



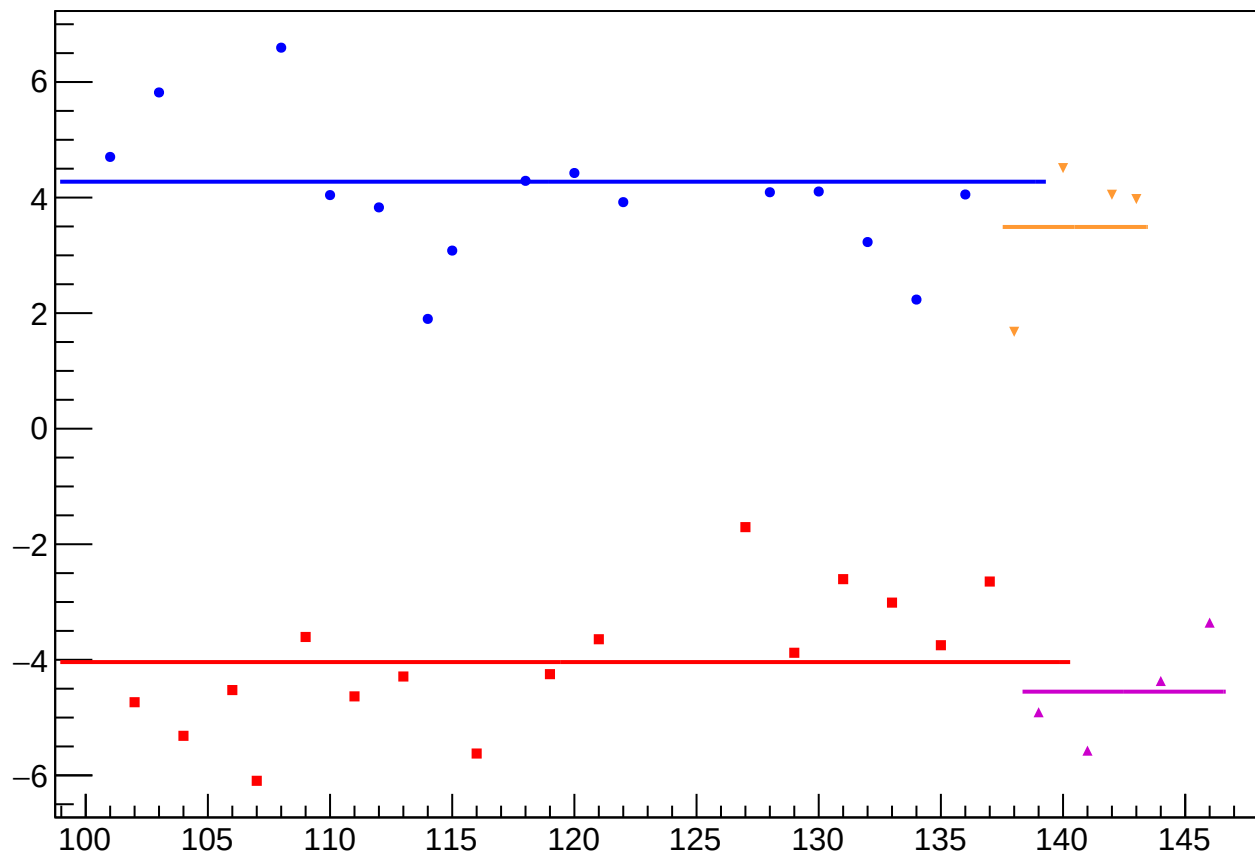
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_4eY_coil3_mean vs Slug, Sign Corrected



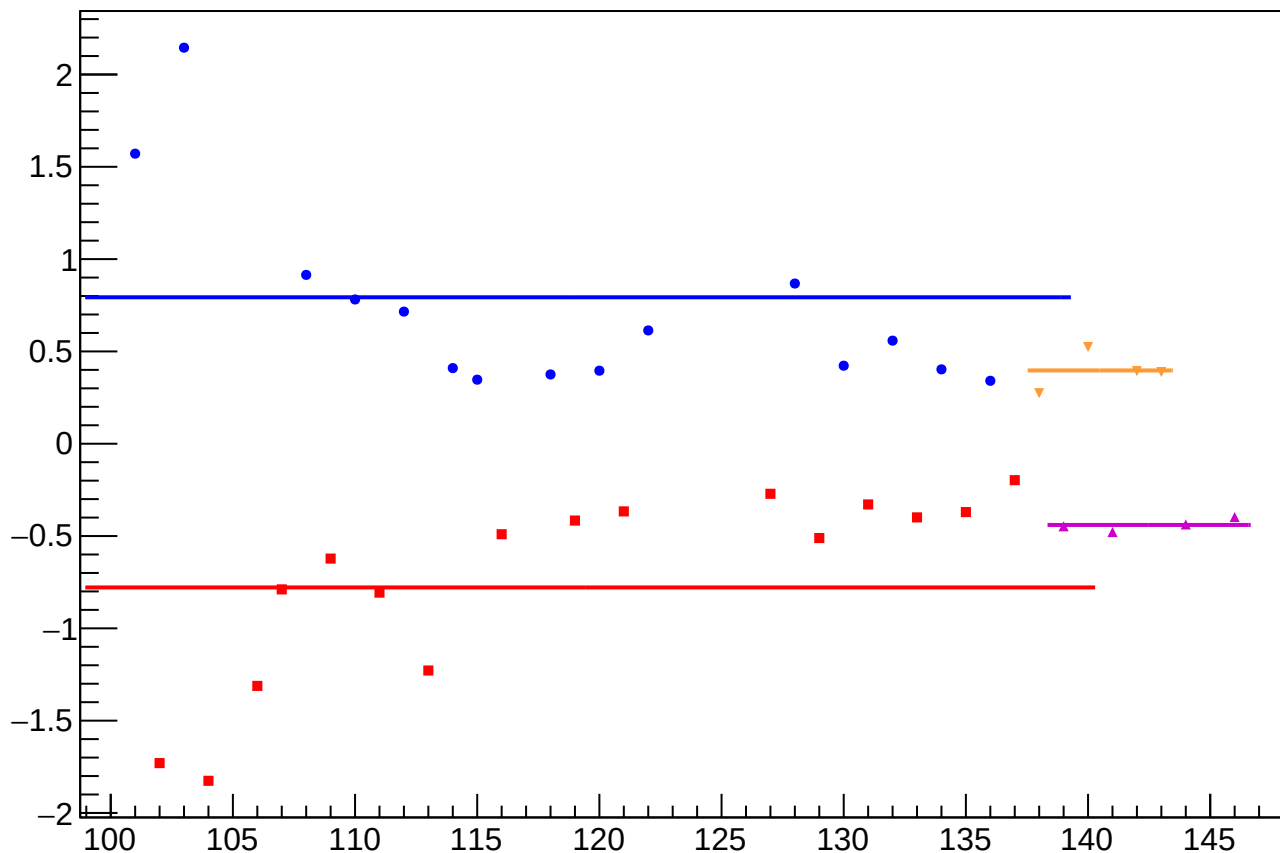
Right In: 4.275 ± 0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 3.491 ± 0.000 χ^2/NDF : 371769538021053112096031112167424.0/3

Right Out: -4.039 ± 0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

Left In: -4.552 ± 0.000 χ^2/NDF : 220337943309028883584807751122944.0/3

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



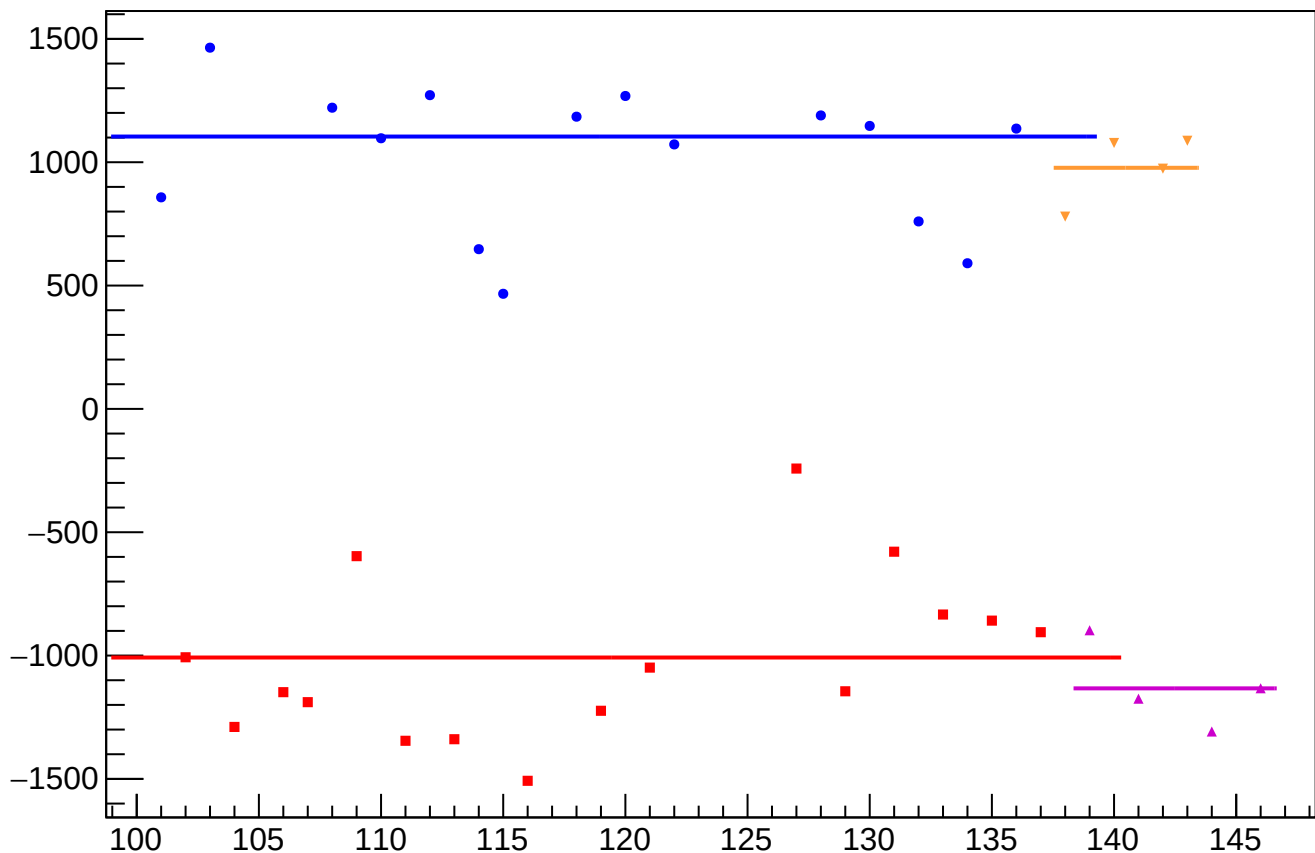
Right In: 0.793+/-0.000 χ^2/NDF : 195508777173589483440314700005376.0/14

Left Out: 0.397+/-0.000 χ^2/NDF : 2509649551036996402173326655488.0/3

Right Out: -0.778+/-0.000 χ^2/NDF : 185814635772183306063903690063872.0/15

Left In: -0.440+/-0.000 χ^2/NDF : 283129304965383099258977124352.0/3

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



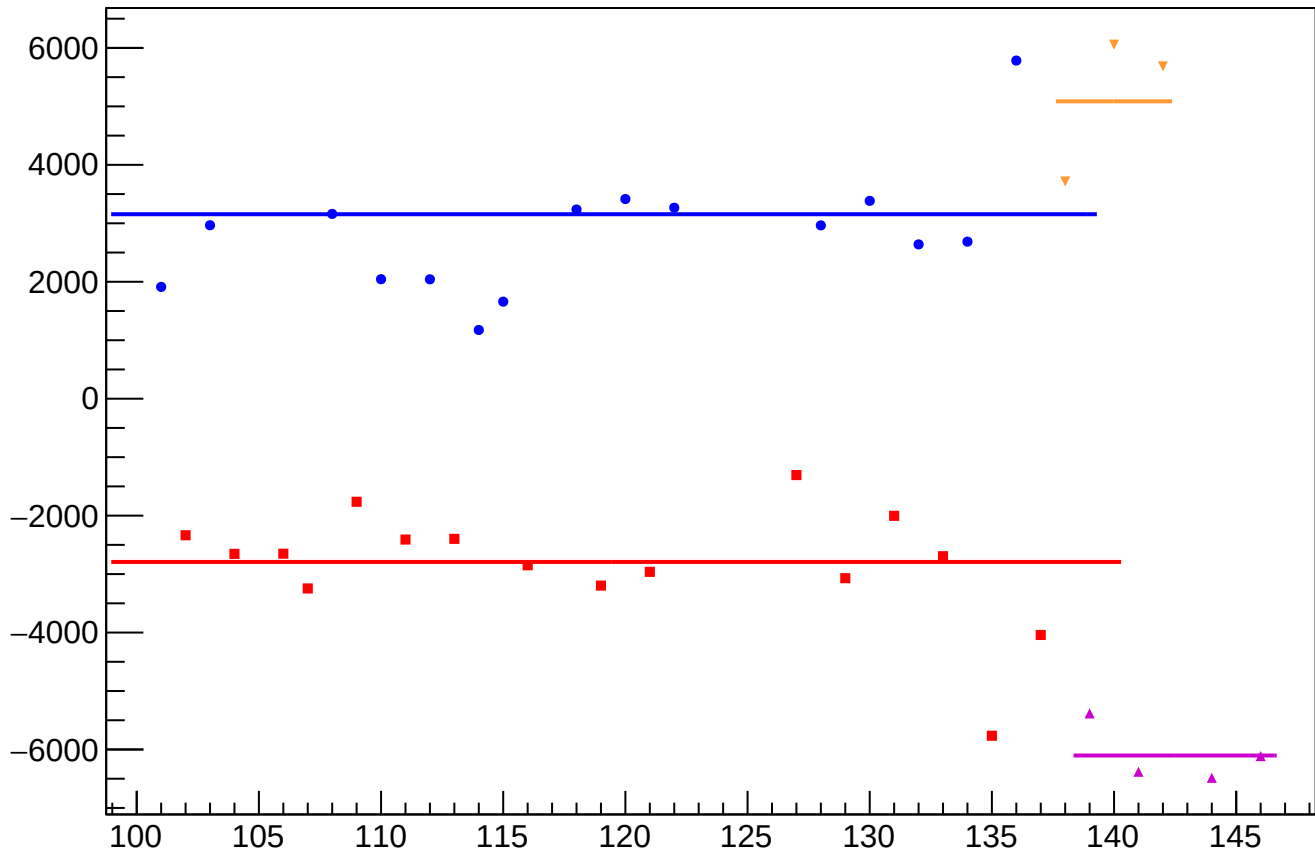
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

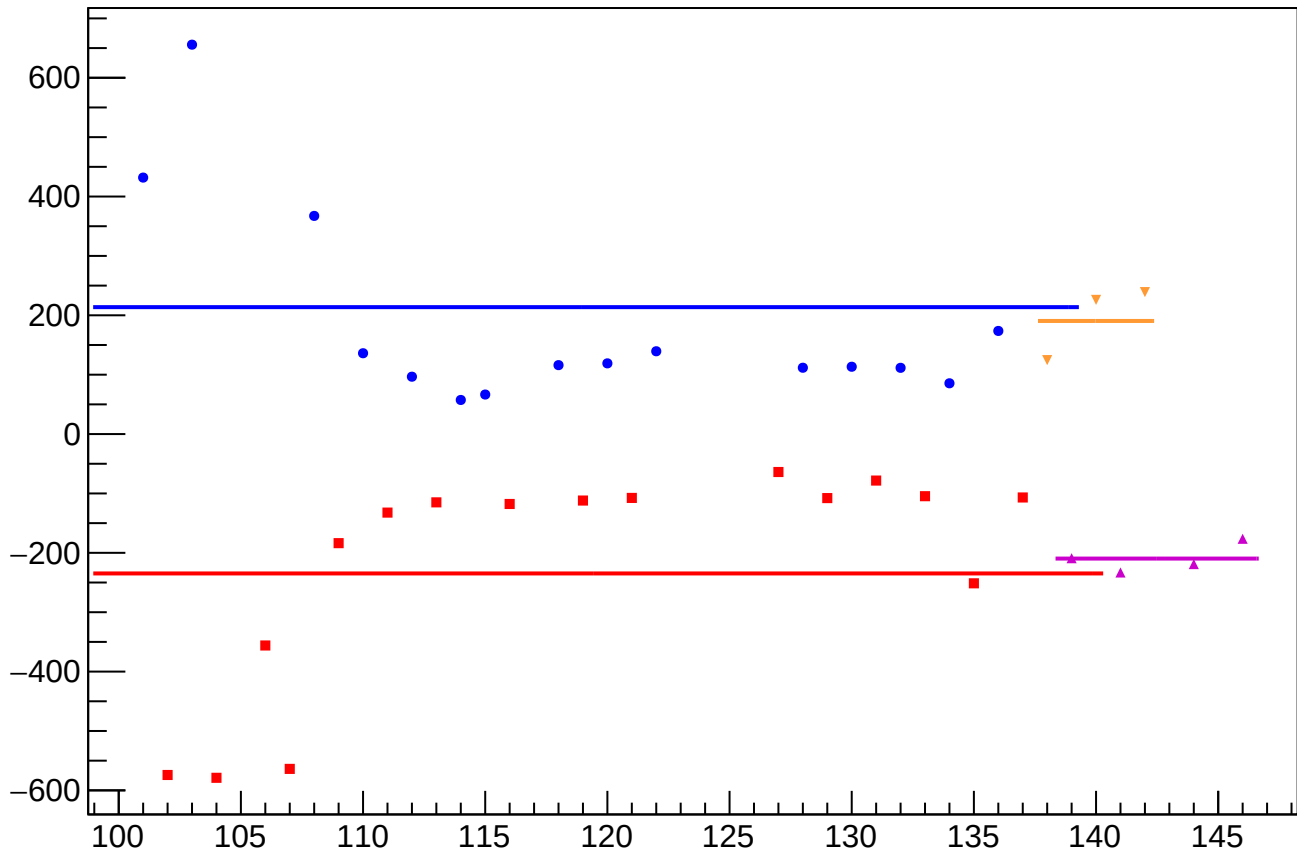
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 5086.285+/-0.000 χ^2/NDF : 240095693832794968776434255889208180736.0/2
 Right Out: -2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: -6103.037+/-0.000 χ^2/NDF : 61498107024601453350059433537243709440.0/3

dit_usl_coil3_err_mean vs Slug, Sign Corrected



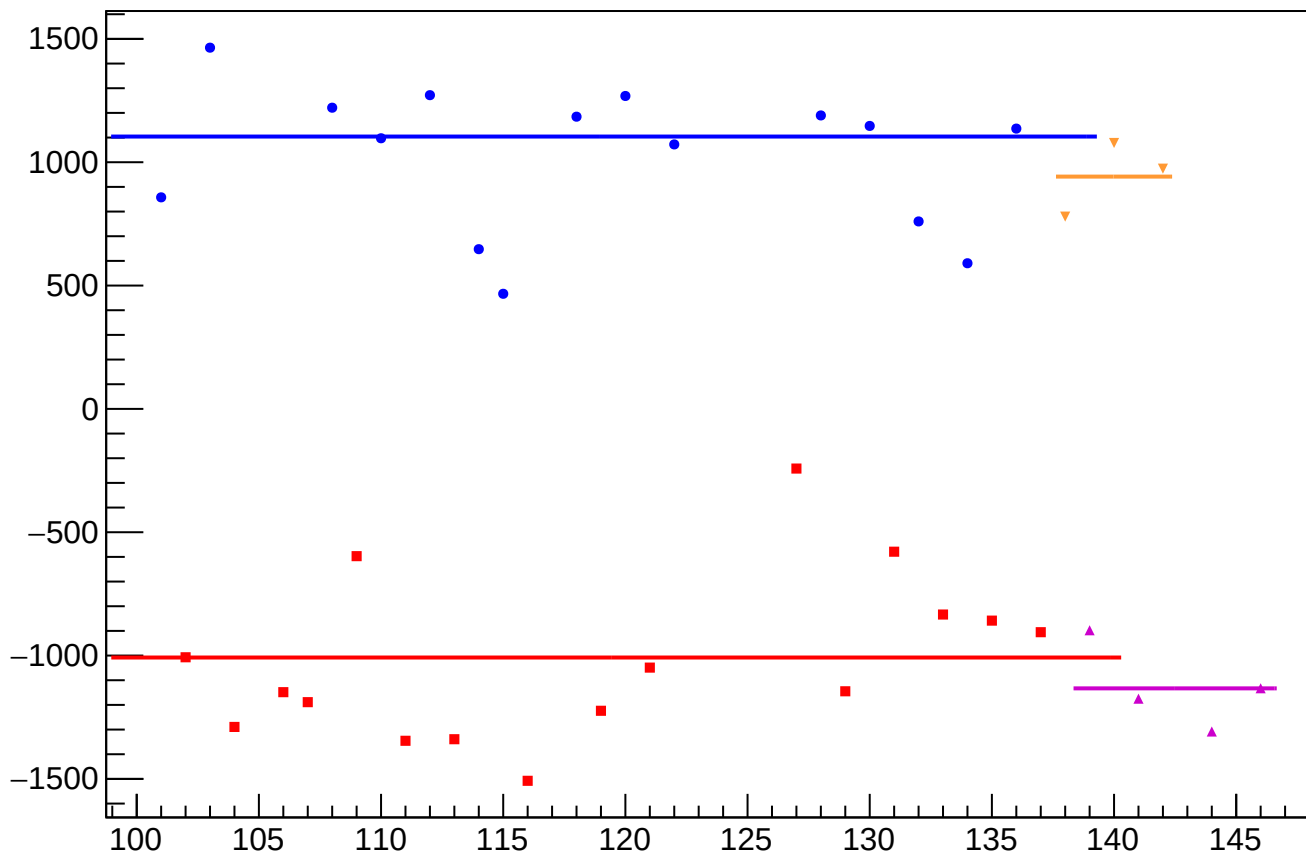
Right In: 213.739 +/- 0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

Left Out: 190.473 +/- 0.000 χ^2/NDF : 551291459169947016249430736797433856.0/2

Right Out: -234.712 +/- 0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

Left In: -209.675 +/- 0.000 χ^2/NDF : 146567612533743304687809933409779712.0/3

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



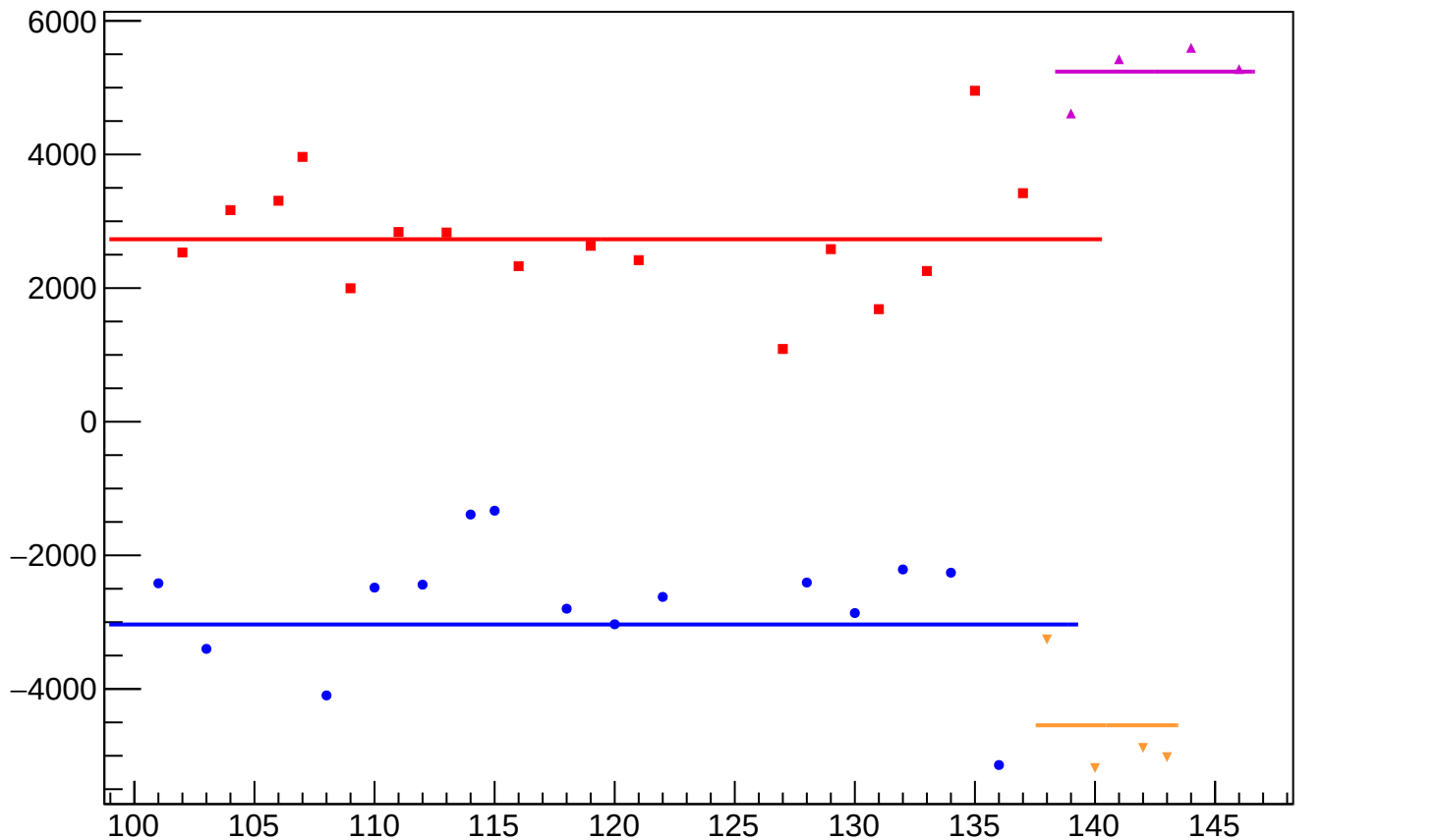
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

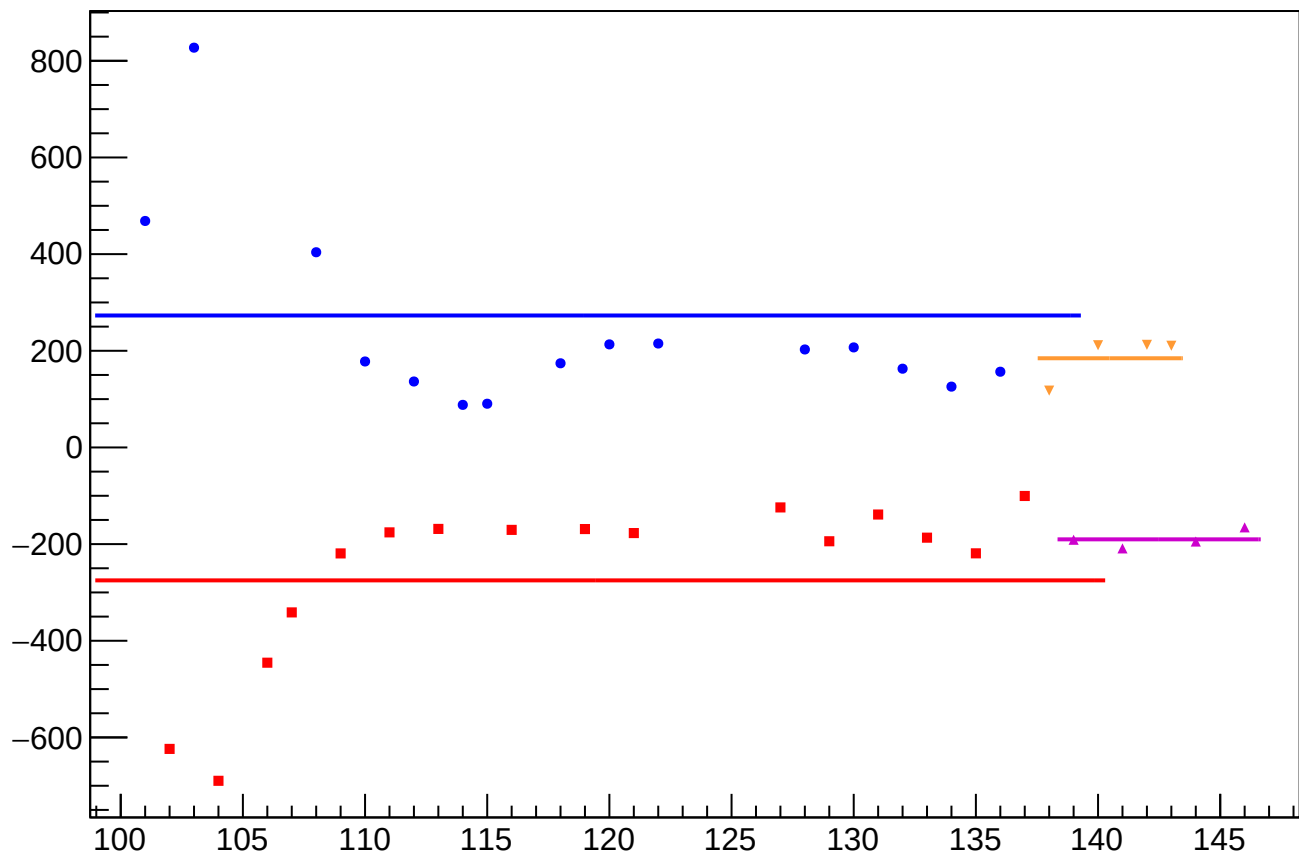
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527 +/- 0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -4543.334 +/- 0.000 χ^2/NDF : 182900925603120173084857007236290969600.0/3
 Right Out: 2731.035 +/- 0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: 5240.279 +/- 0.000 χ^2/NDF : 46099785238224771182298050942136745984.0/3

dit_usr_coil3_err_mean vs Slug, Sign Corrected



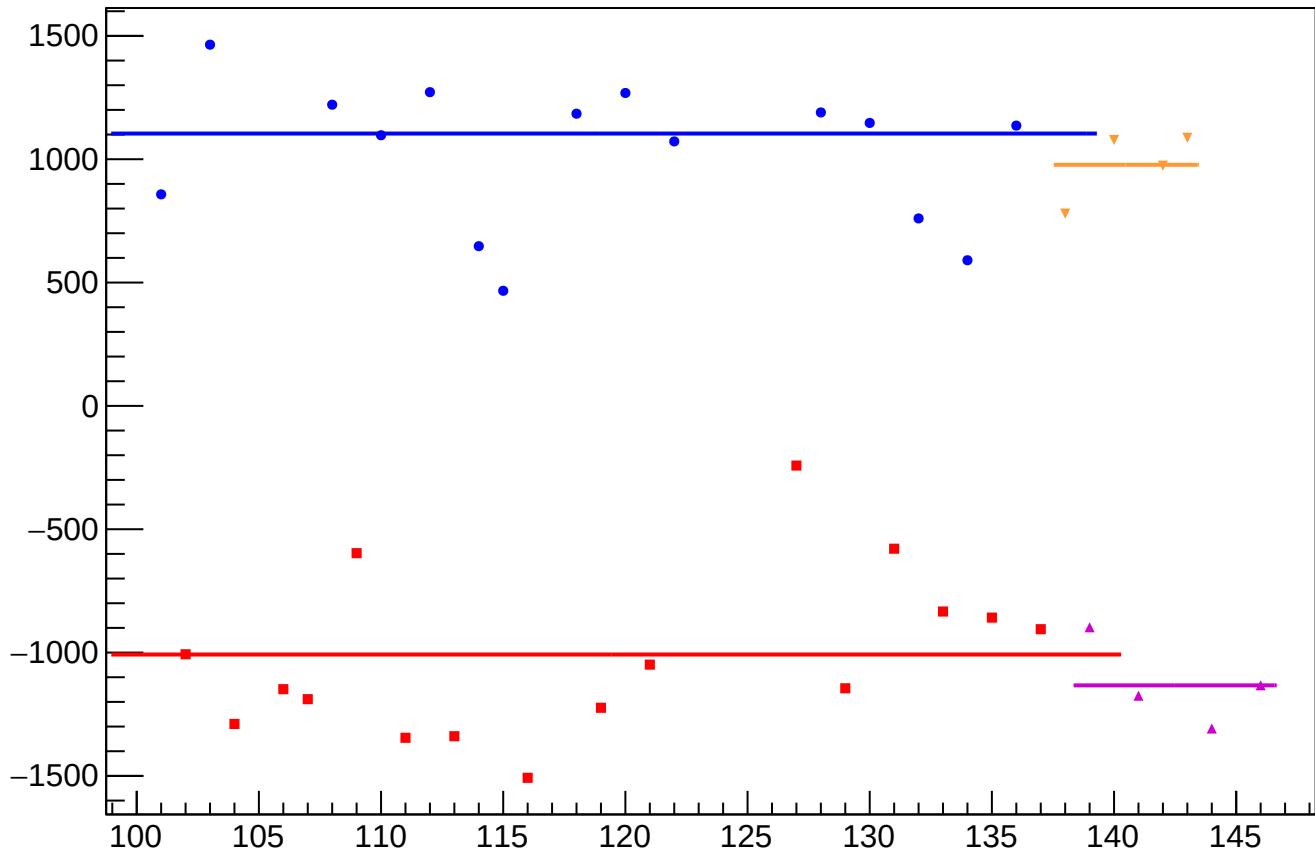
Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 184.542+/-0.000 χ^2/NDF : 489632990255985552659814337623359488.0/3

Right Out: -275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

Left In: -190.154+/-0.000 χ^2/NDF : 82716090167097323856047377305567232.0/3

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



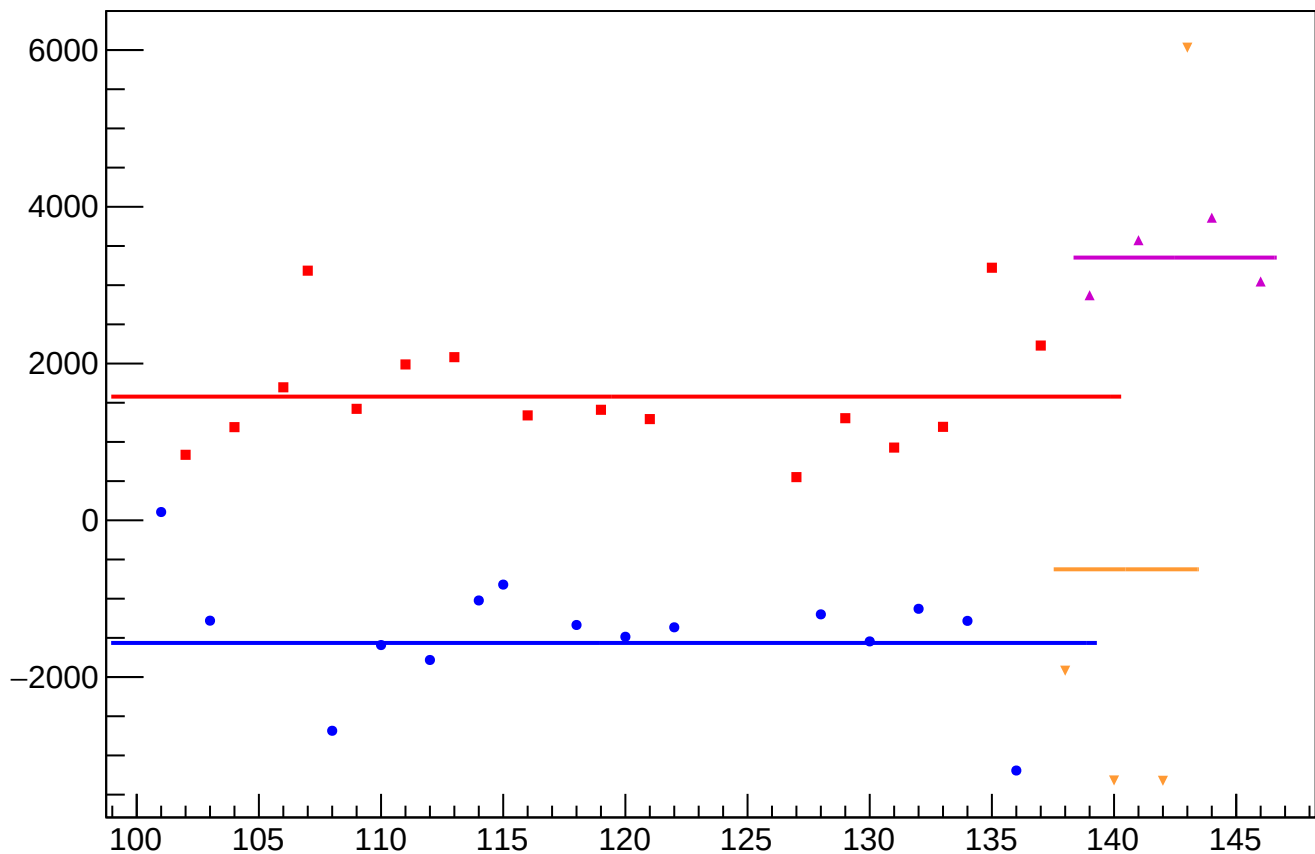
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

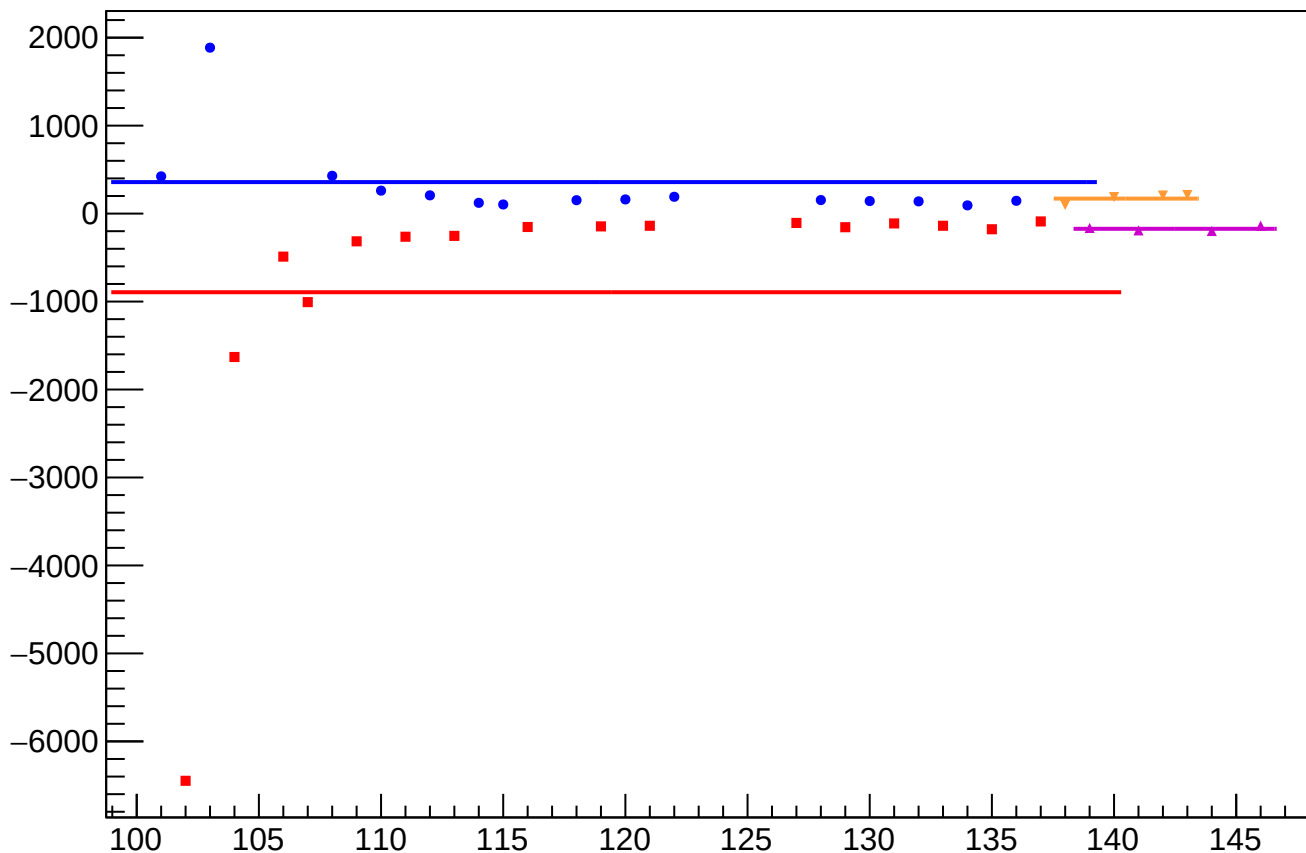
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595+/-0.000 χ^2/NDF : 483874800978571042578975757029039144960.0/14
 Left Out: -625.309+/-0.000 χ^2/NDF : 4028466661997418102708846865084422553600.0/3
 Right Out: 1578.178+/-0.000 χ^2/NDF : 368450572556217564071963203581098590208.0/15
 Left In: 3352.026+/-0.000 χ^2/NDF : 53653018169596677196823014636781568000.0/3

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



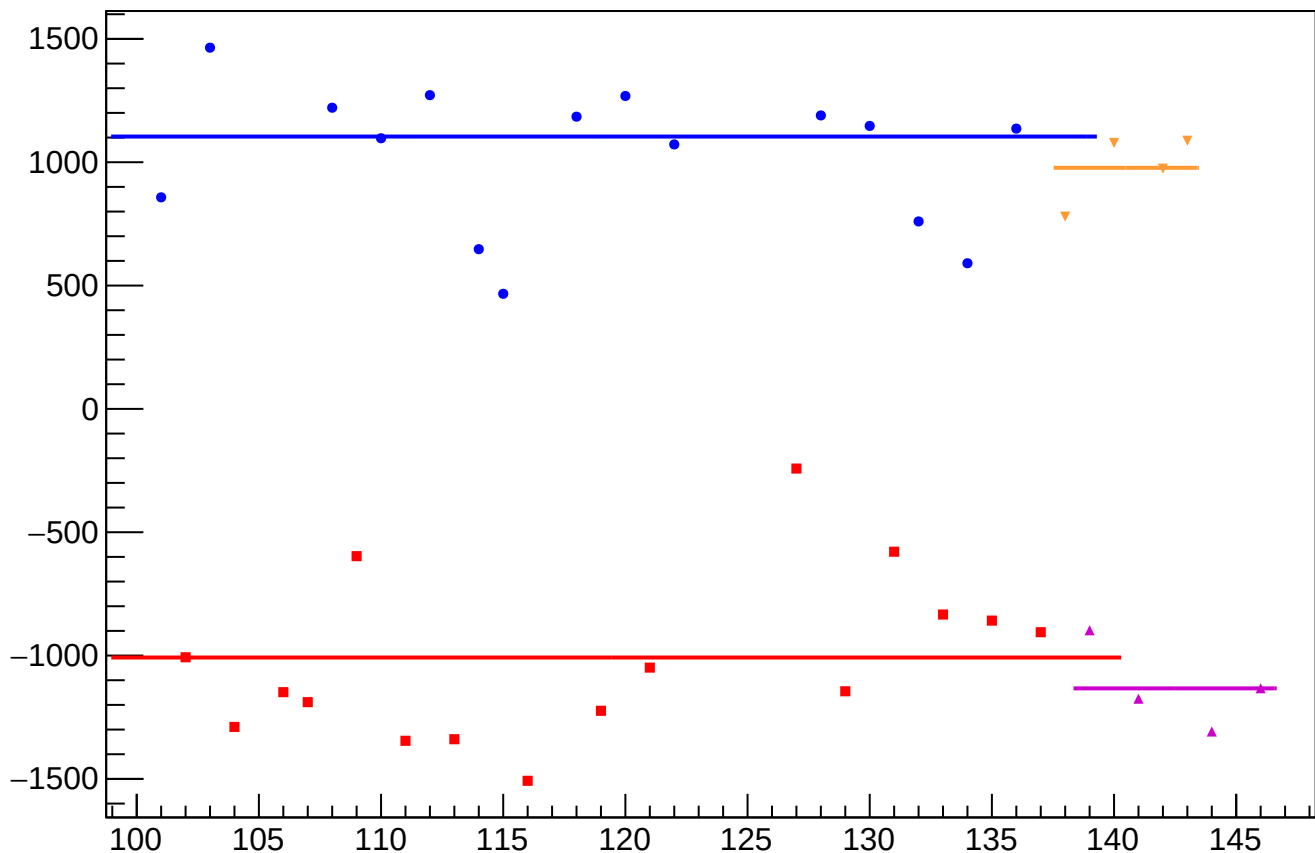
Right In: 358.080 +/- 0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 170.502 +/- 0.000 χ^2/NDF : 609255866771218804787193641628073984.0/3

Right Out: -893.897 +/- 0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

Left In: -172.927 +/- 0.000 χ^2/NDF : 194355057766580675769528393226256384.0/3

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



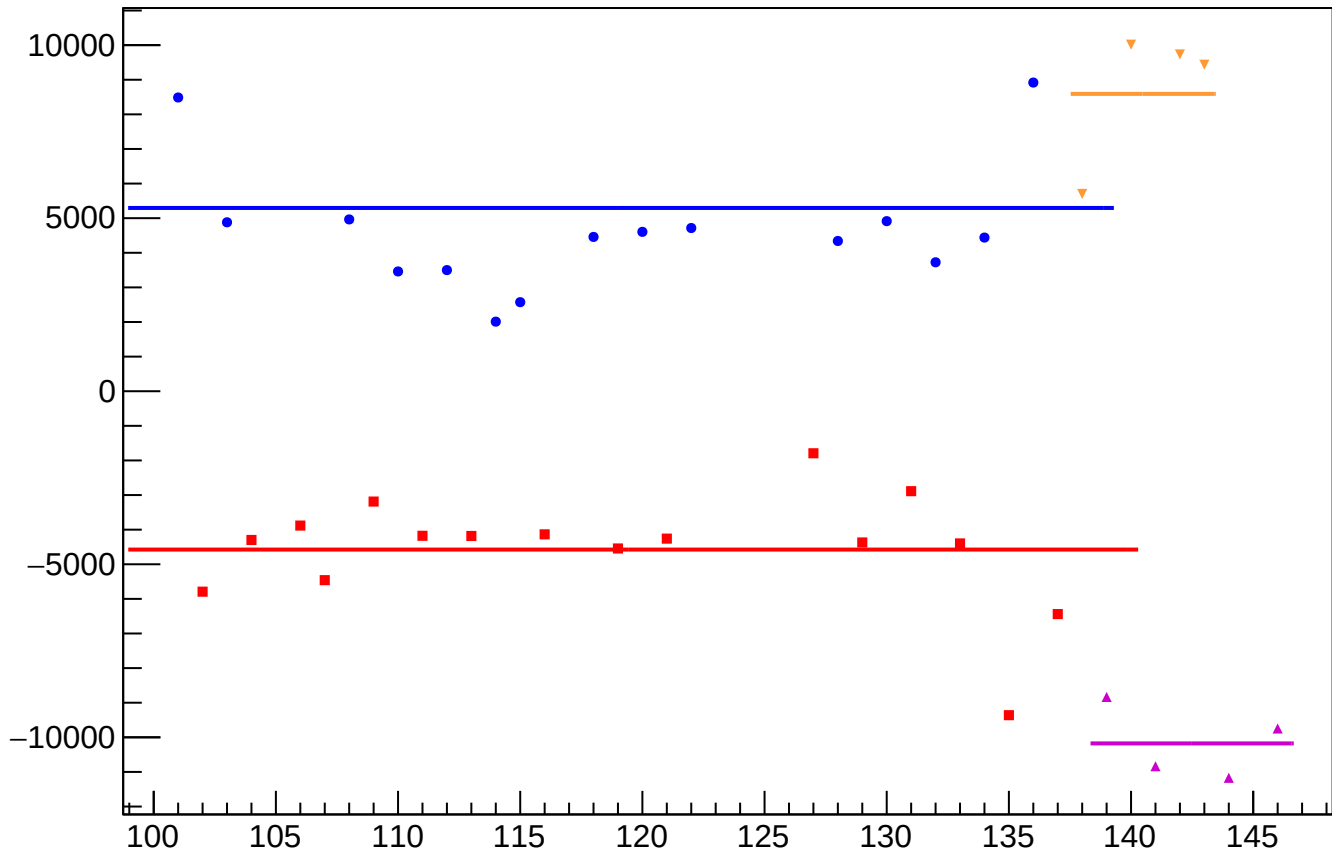
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

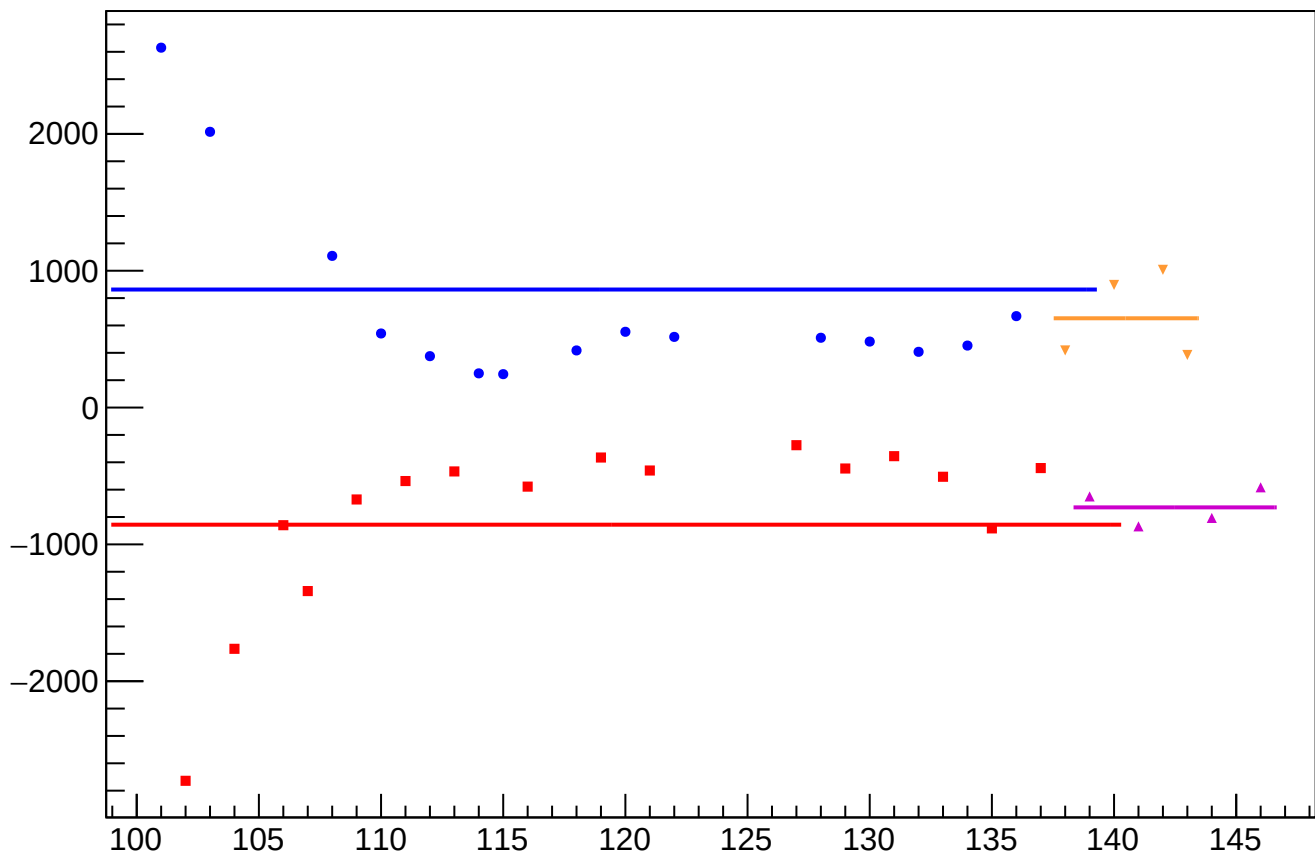
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 5295.485 +/- 0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 8591.529 +/- 0.000 χ^2/NDF : 924998669657510676108739131410770558976.0/3
 Right Out: -4575.270 +/- 0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: -10175.684 +/- 0.000 χ^2/NDF : 286154796245747926365701998786207809536.0/3

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



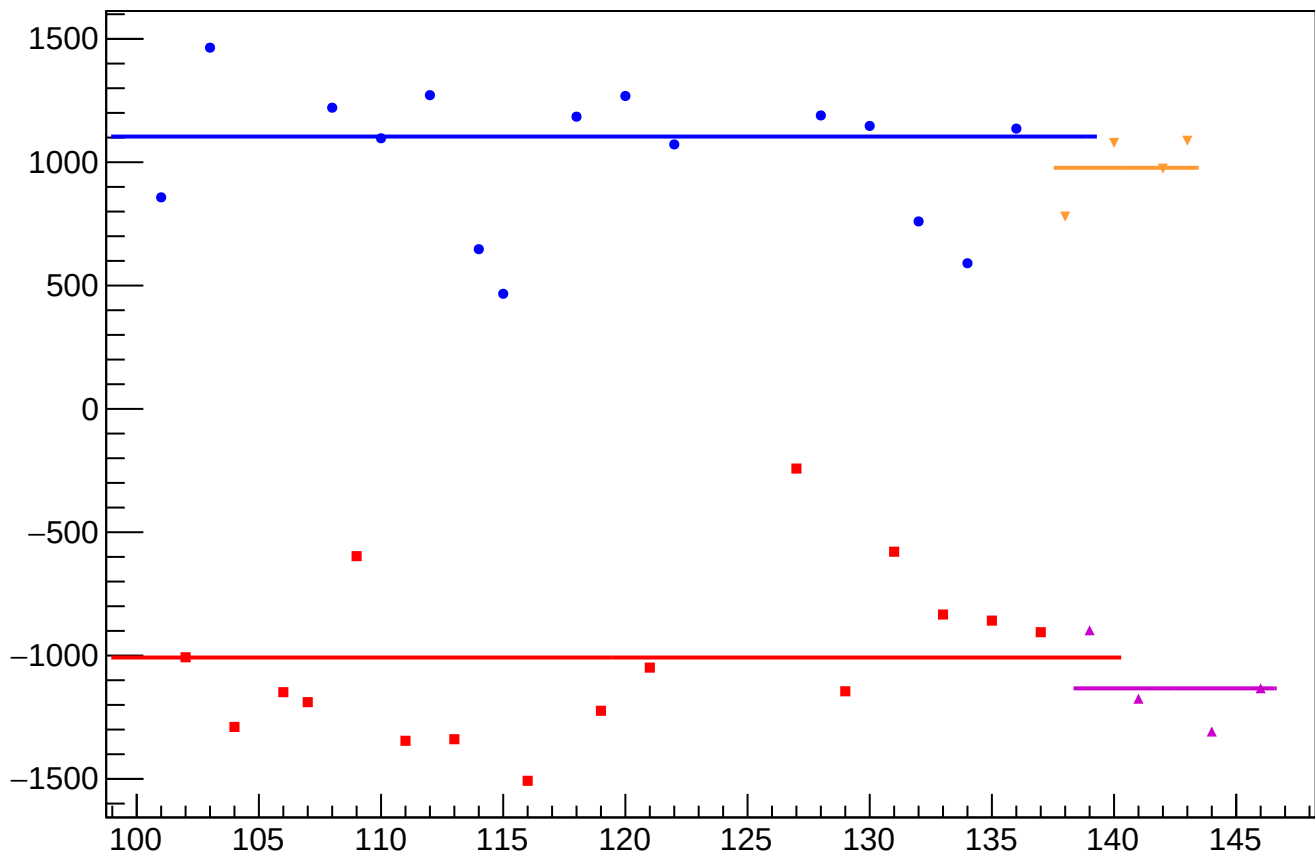
Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 652.495+/-0.000 χ^2/NDF : 19765431052665537201914299750853640192.0/3

Right Out: -856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

Left In: -729.565+/-0.000 χ^2/NDF : 4470154009248531414871253202398871552.0/3

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



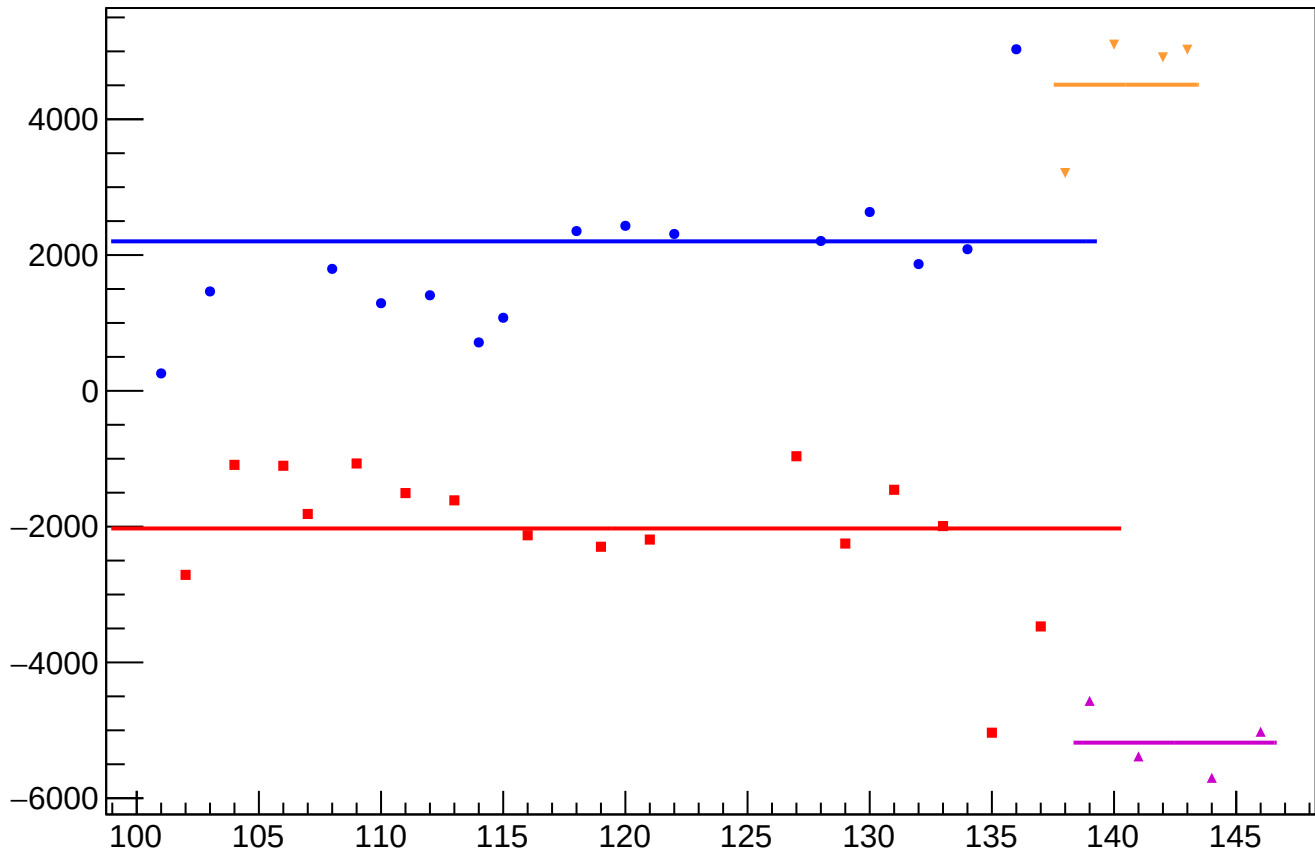
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

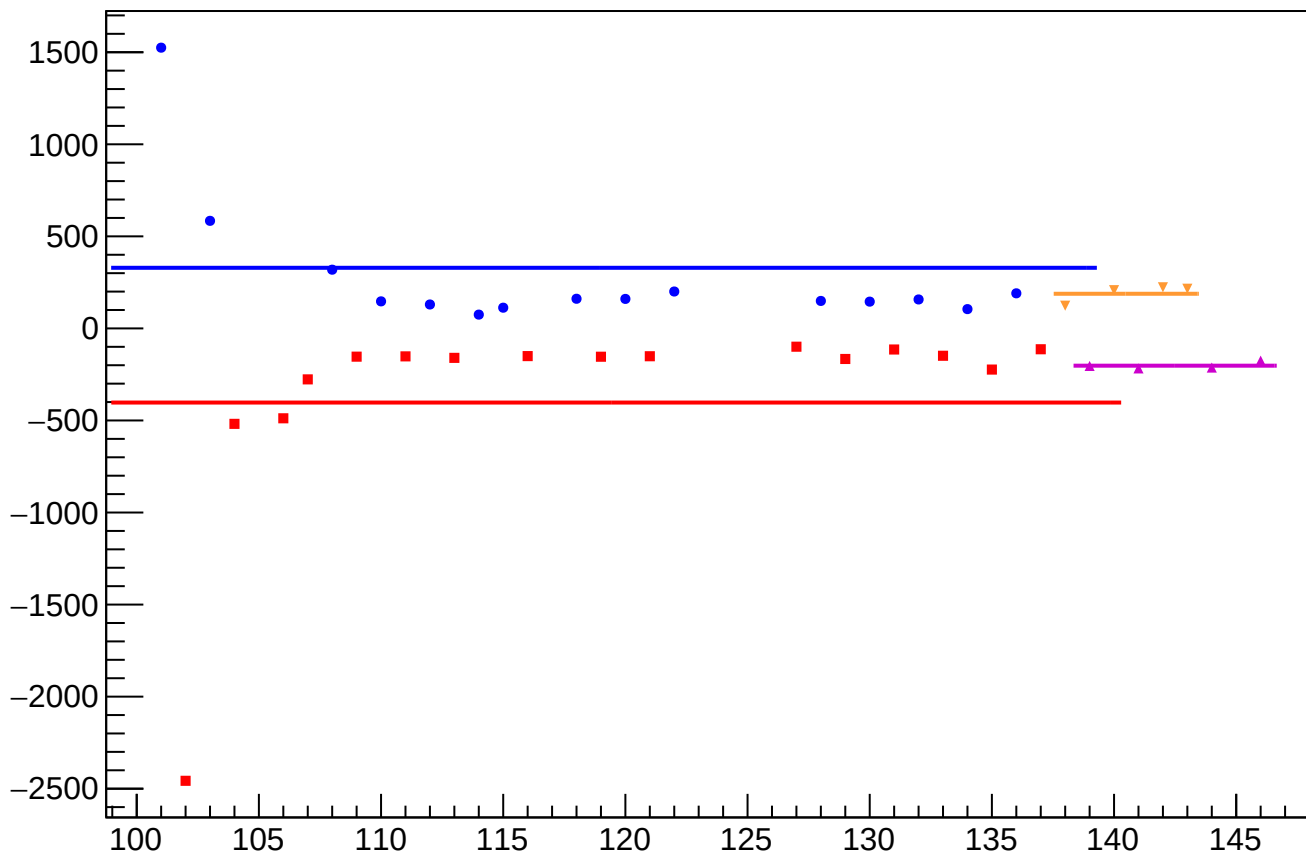
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 4508.681+/-0.000 χ^2/NDF : 185846094151652680923061350454200893440.0/3
 Right Out: -2026.969+/-0.000 χ^2/NDF : 708626456603410705124518299956645199872.0/15
 Left In: -5181.860+/-0.000 χ^2/NDF : 60188455539474508006726896465727193088.0/3

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



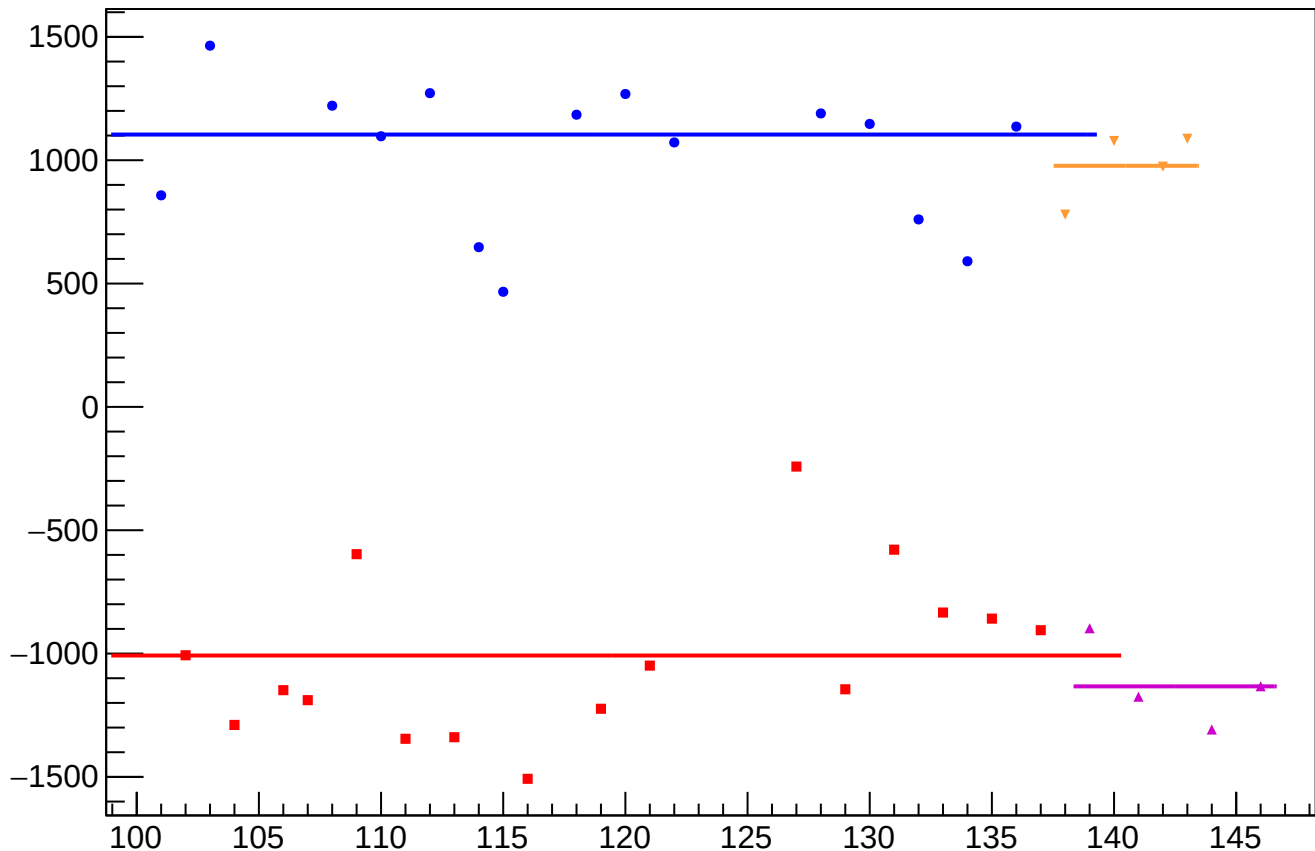
Right In: 329.229 +/- 0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 188.130 +/- 0.000 χ^2/NDF : 465213152688836258493479418350010368.0/3

Right Out: -402.690 +/- 0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

Left In: -202.451 +/- 0.000 χ^2/NDF : 90557227426131908314597663489130496.0/3

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



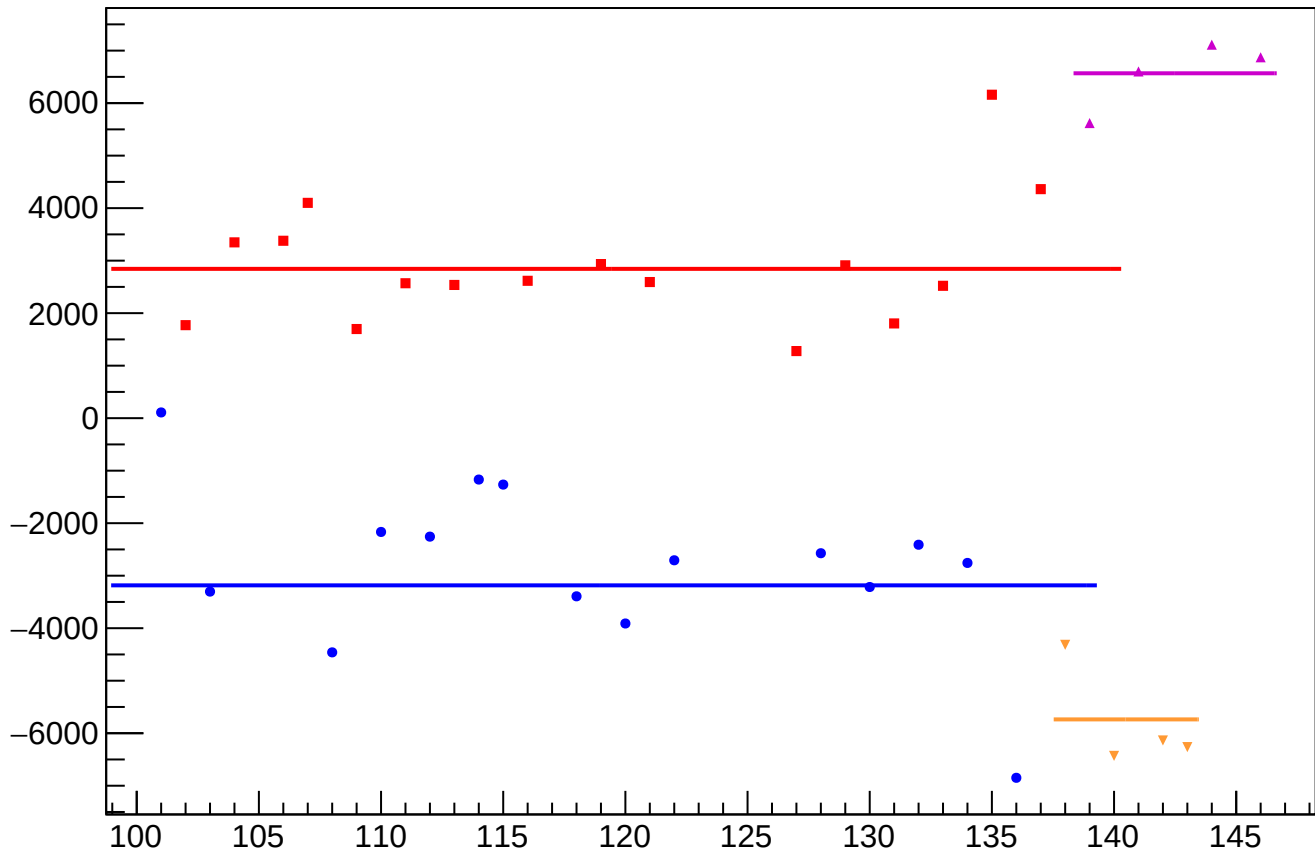
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

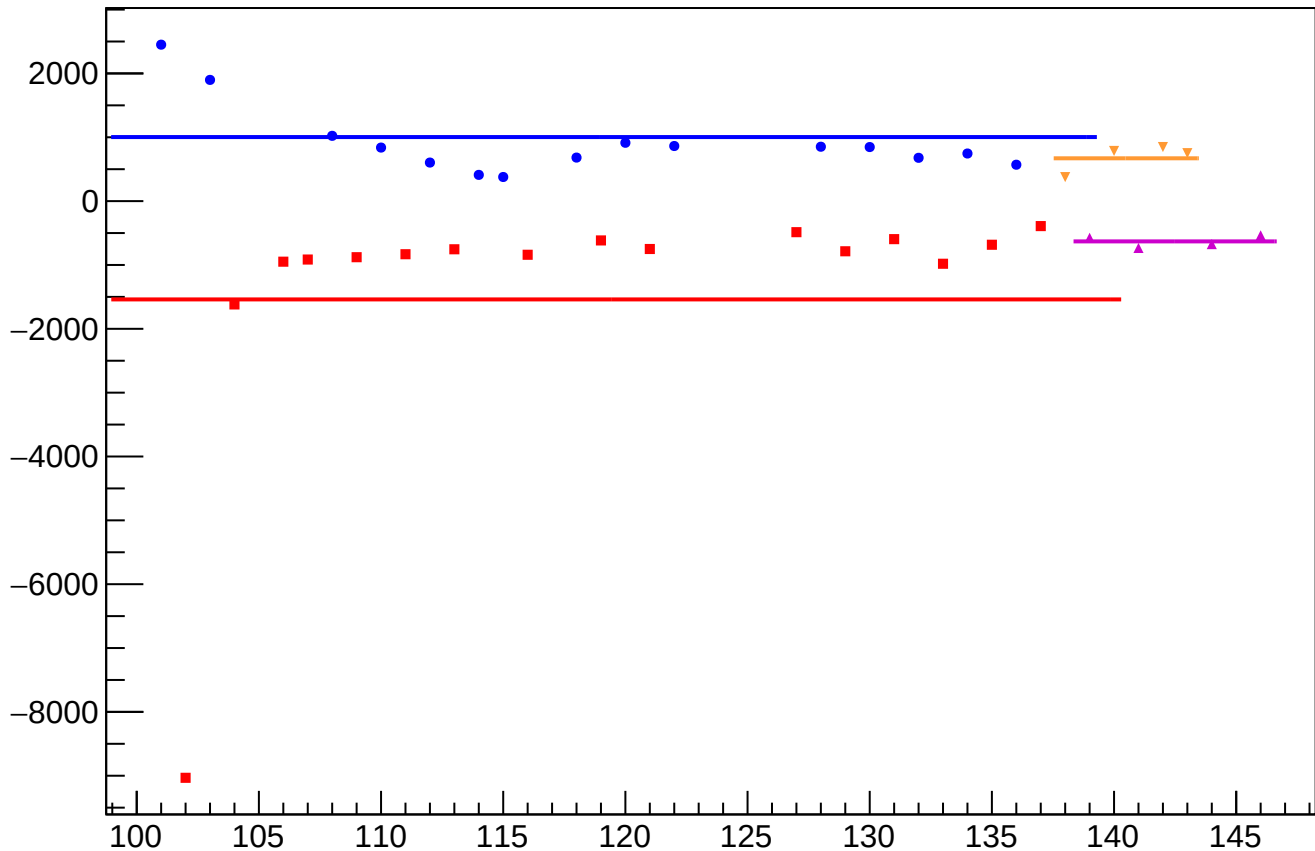
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_atr2_coil3_mean vs Slug, Sign Corrected



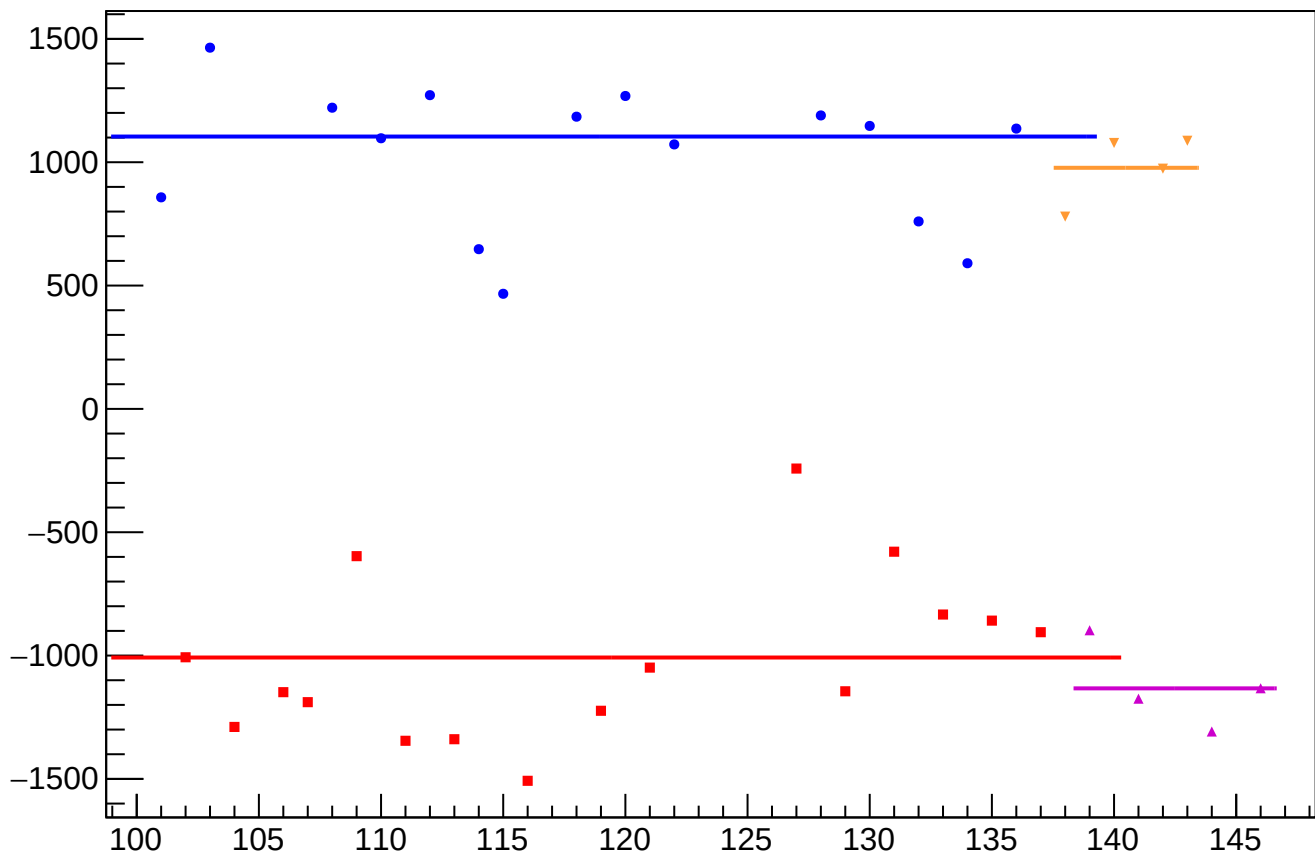
Right In: -3183.928 $\pm$ 0.000 χ^2 /NDF: 2134923281384422537296044119642733543424.0/14
 Left Out: -5736.865 $\pm$ 0.000 χ^2 /NDF: 222990955088384636957757809837201162240.0/3
 Right Out: 2843.597 $\pm$ 0.000 χ^2 /NDF: 947077611563723244705531091944015396864.0/15
 Left In: 6568.235 $\pm$ 0.000 χ^2 /NDF: 107013901602956212442754171177065775104.0/3

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 1003.407 +/- 0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 670.649 +/- 0.000 χ^2/NDF : 9725571646074174293919258942961090560.0/3
 Right Out: -1539.568 +/- 0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: -630.741 +/- 0.000 χ^2/NDF : 2072186715526836780327332255335710720.0/3

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



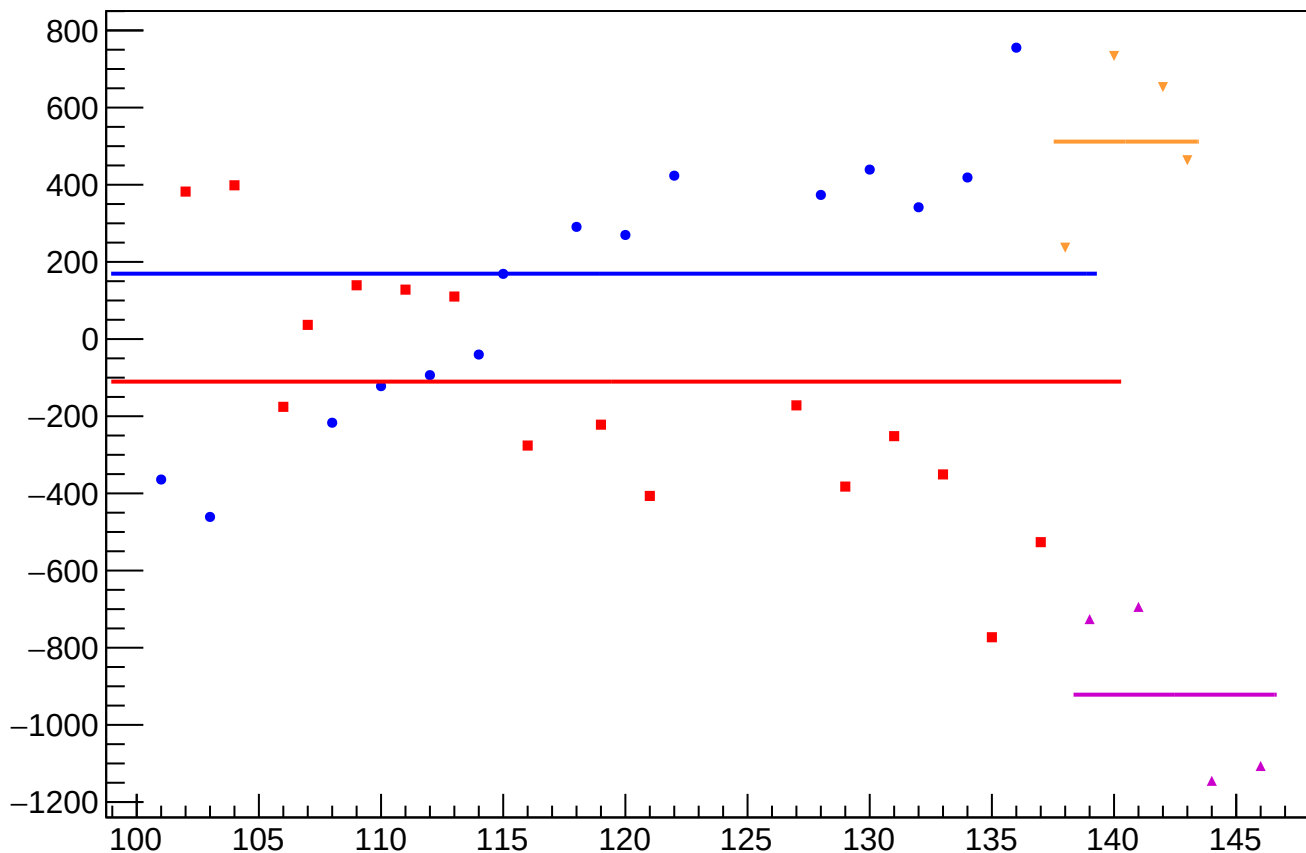
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_sam1_coil3_mean vs Slug, Sign Corrected



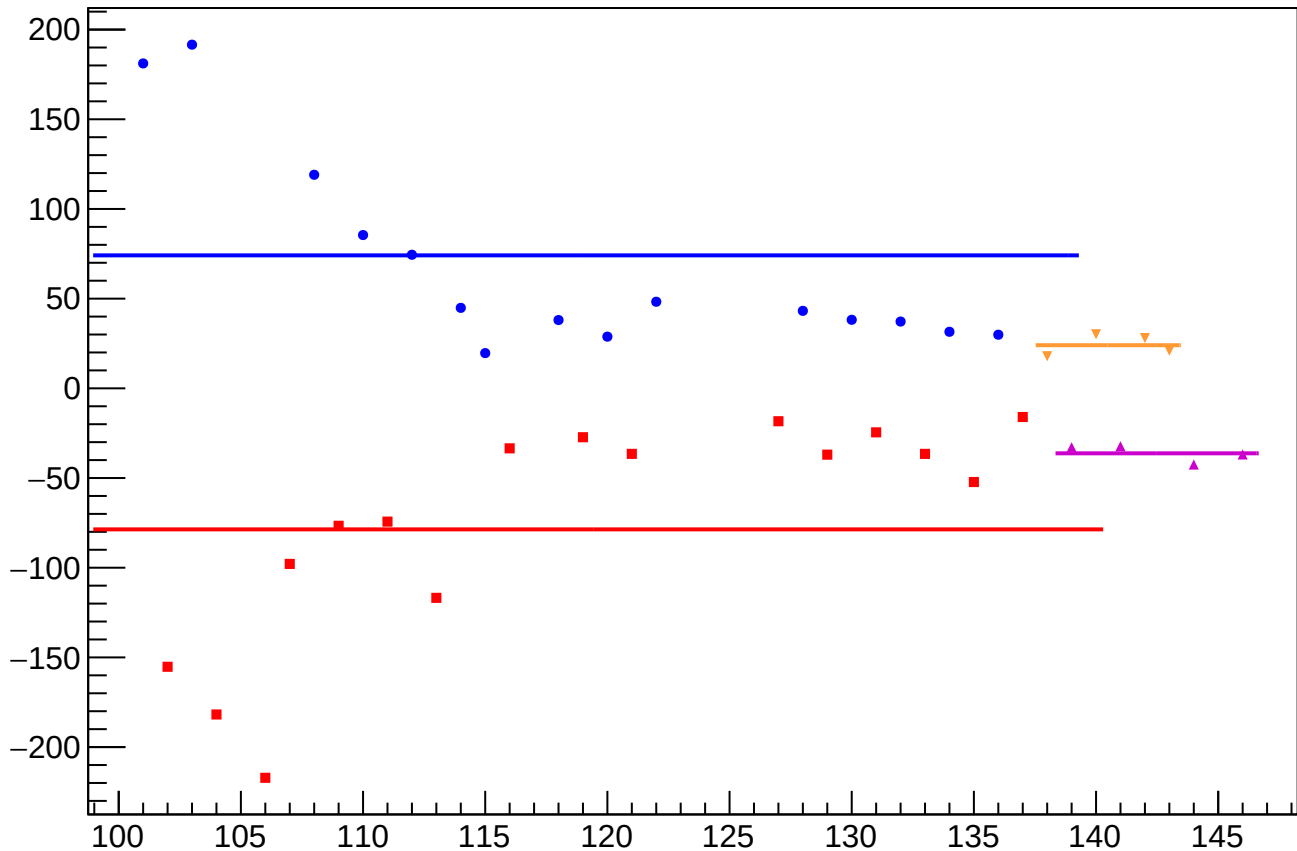
Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 511.851+/-0.000 χ^2/NDF : 11012229852988240626827455820285870080.0/3

Right Out: -110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

Left In: -921.685+/-0.000 χ^2/NDF : 14781180354292280940133779290923728896.0/3

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



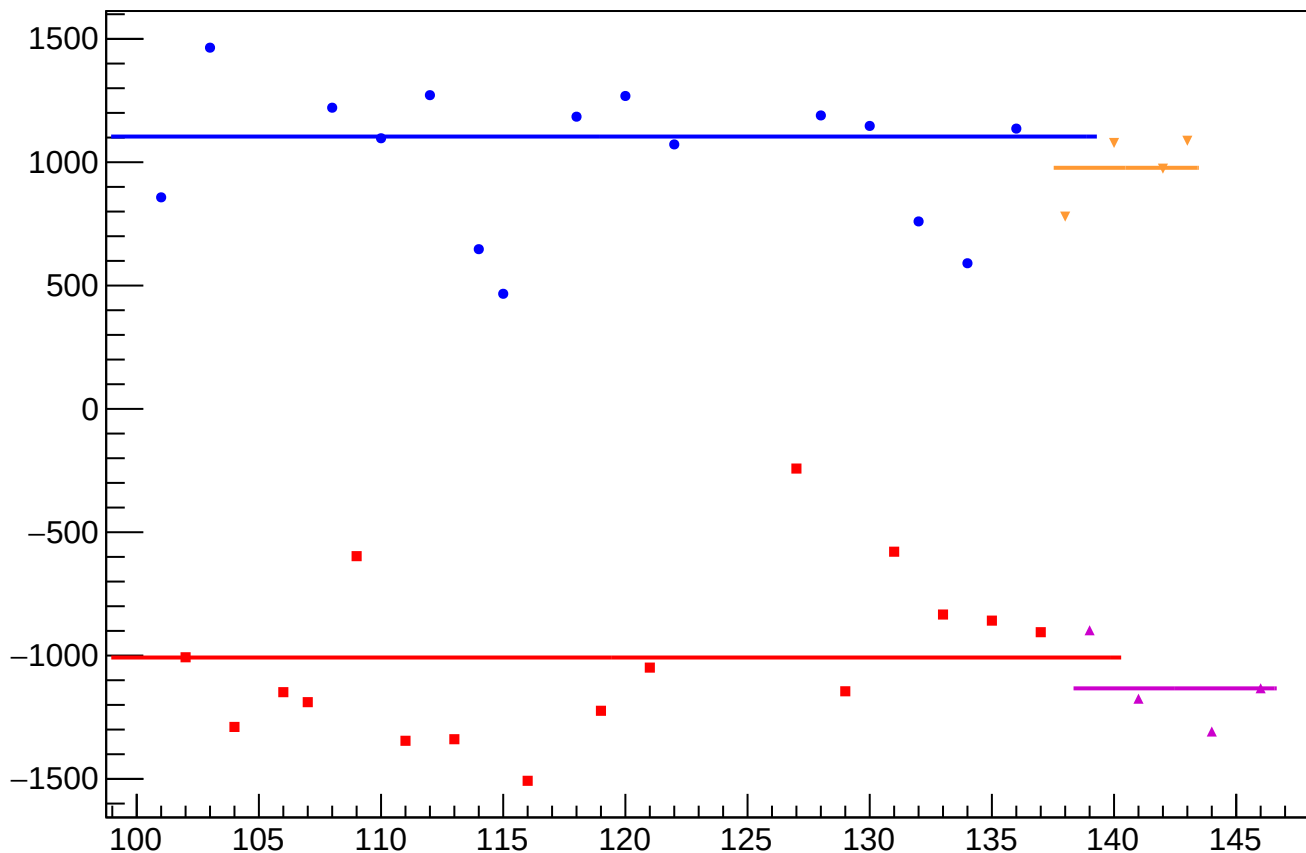
Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 24.041+/-0.000 χ^2/NDF : 7353920175068448071387376731029504.0/3

Right Out: -78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

Left In: -36.226+/-0.000 χ^2/NDF : 5770904502383344723514640927031296.0/3

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



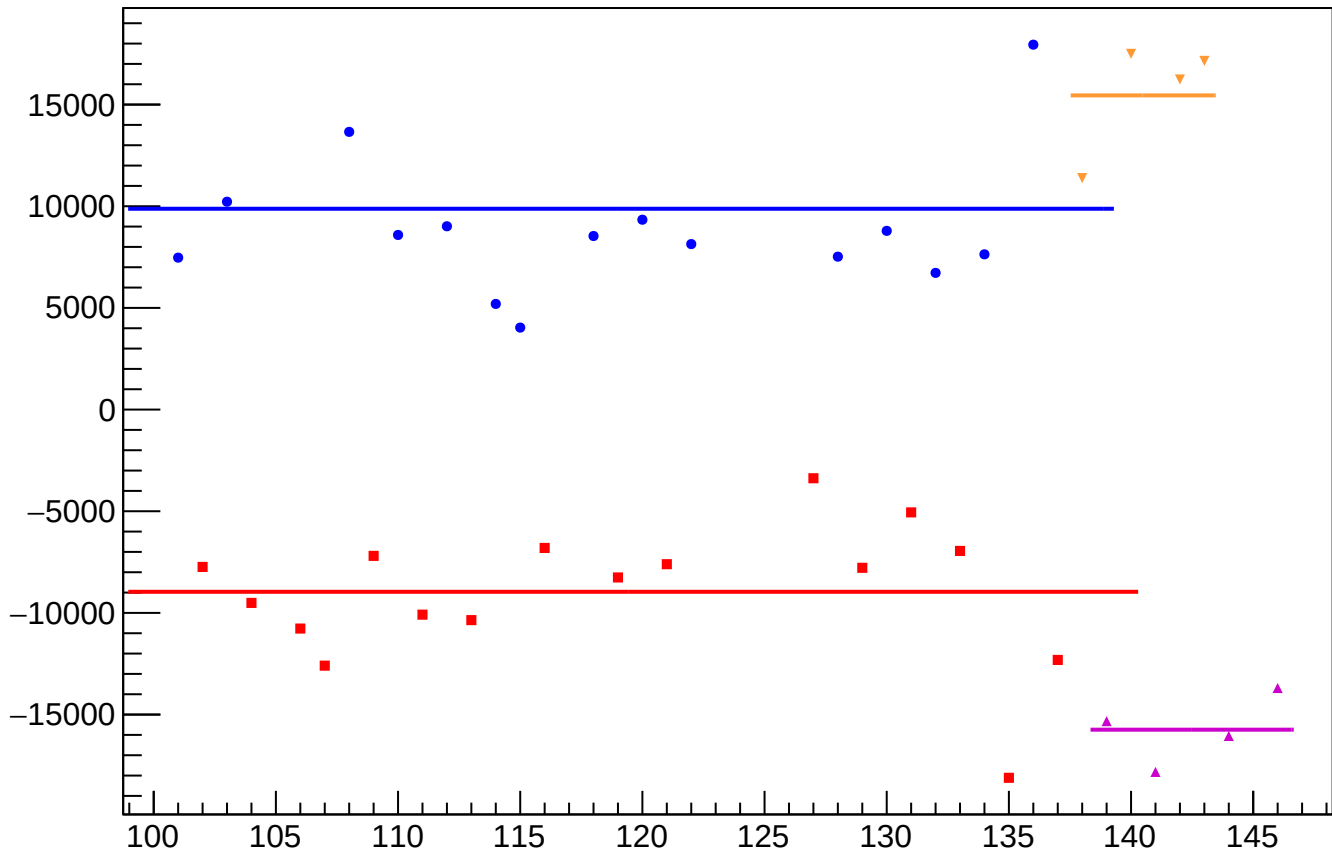
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

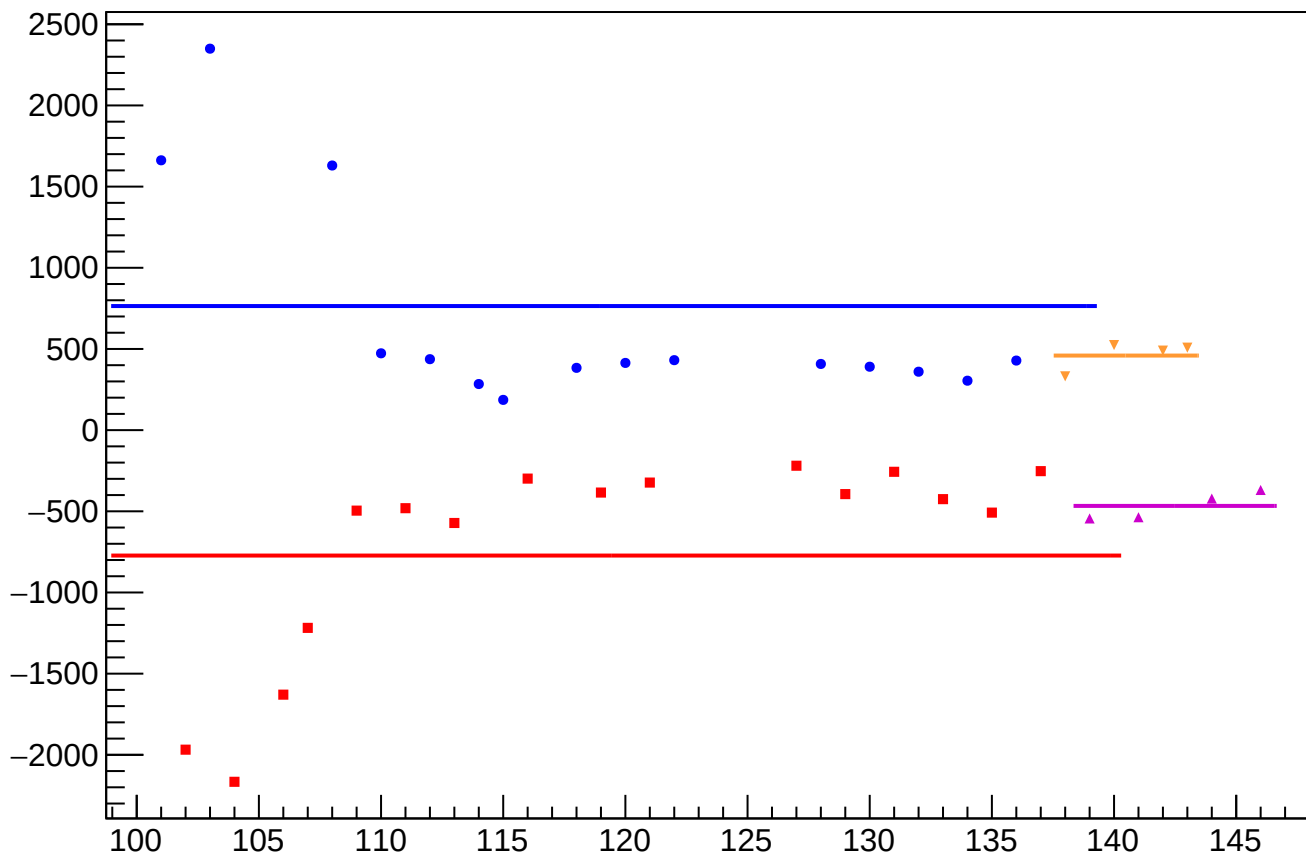
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530 +/- 0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 15451.363 +/- 0.000 χ^2/NDF : 1854333656391266662775867983465373761536.0/3
 Right Out: -8961.593 +/- 0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: -15742.744 +/- 0.000 χ^2/NDF : 738103014395838627481142493433074548736.0/3

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



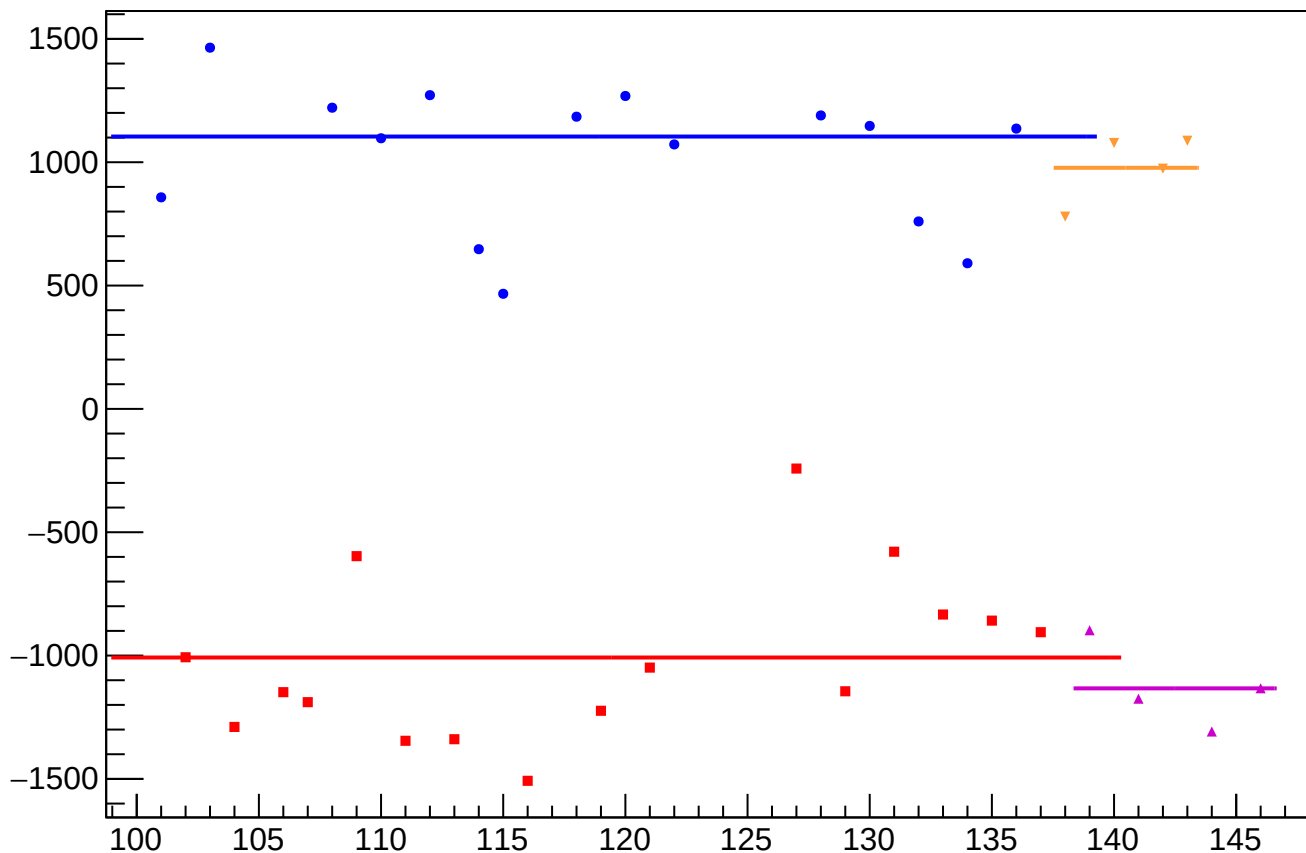
Right In: 764.284 +/- 0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 459.297 +/- 0.000 χ^2/NDF : 1822308848016195870669334442183491584.0/3

Right Out: -772.547 +/- 0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

Left In: -466.739 +/- 0.000 χ^2/NDF : 1878932486395222040428149698715451392.0/3

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



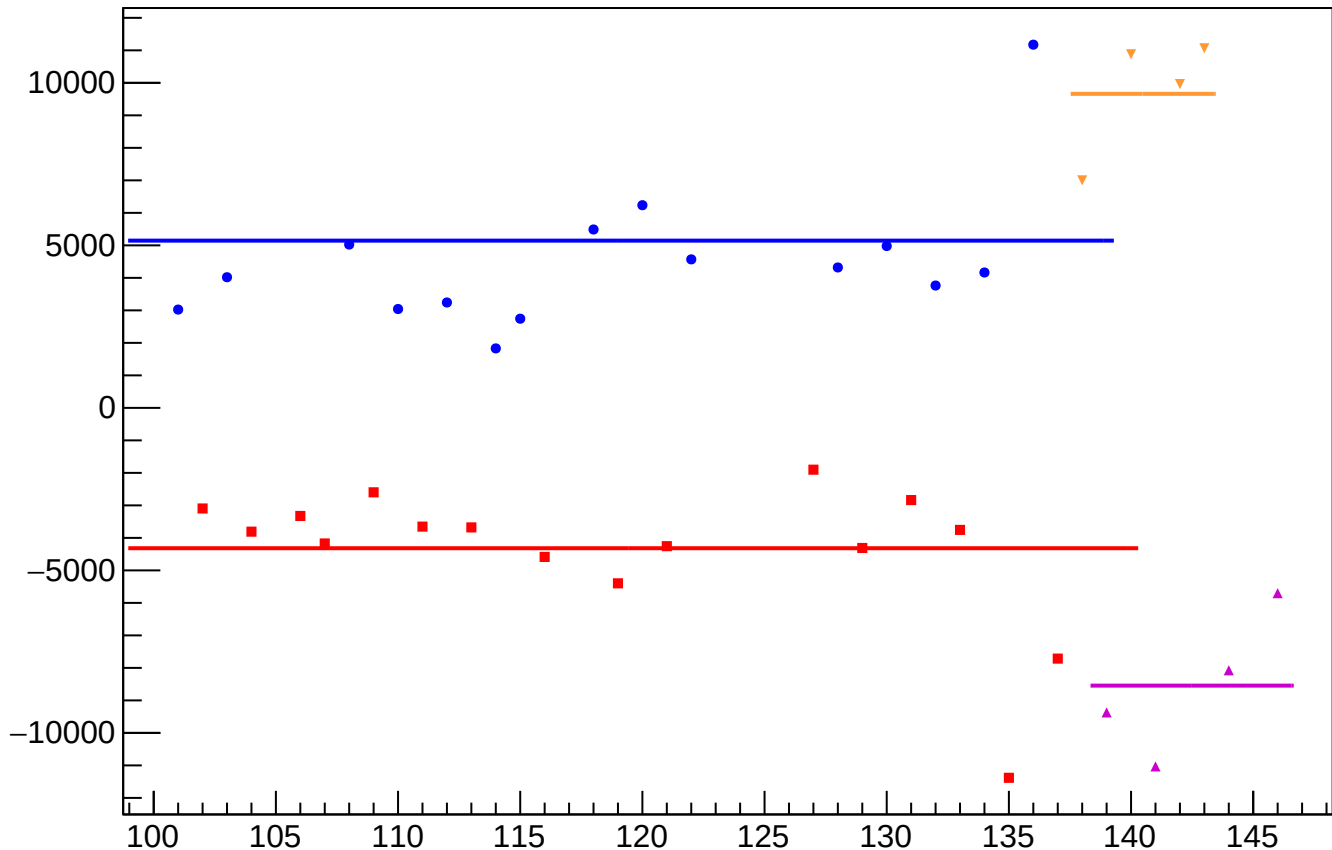
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

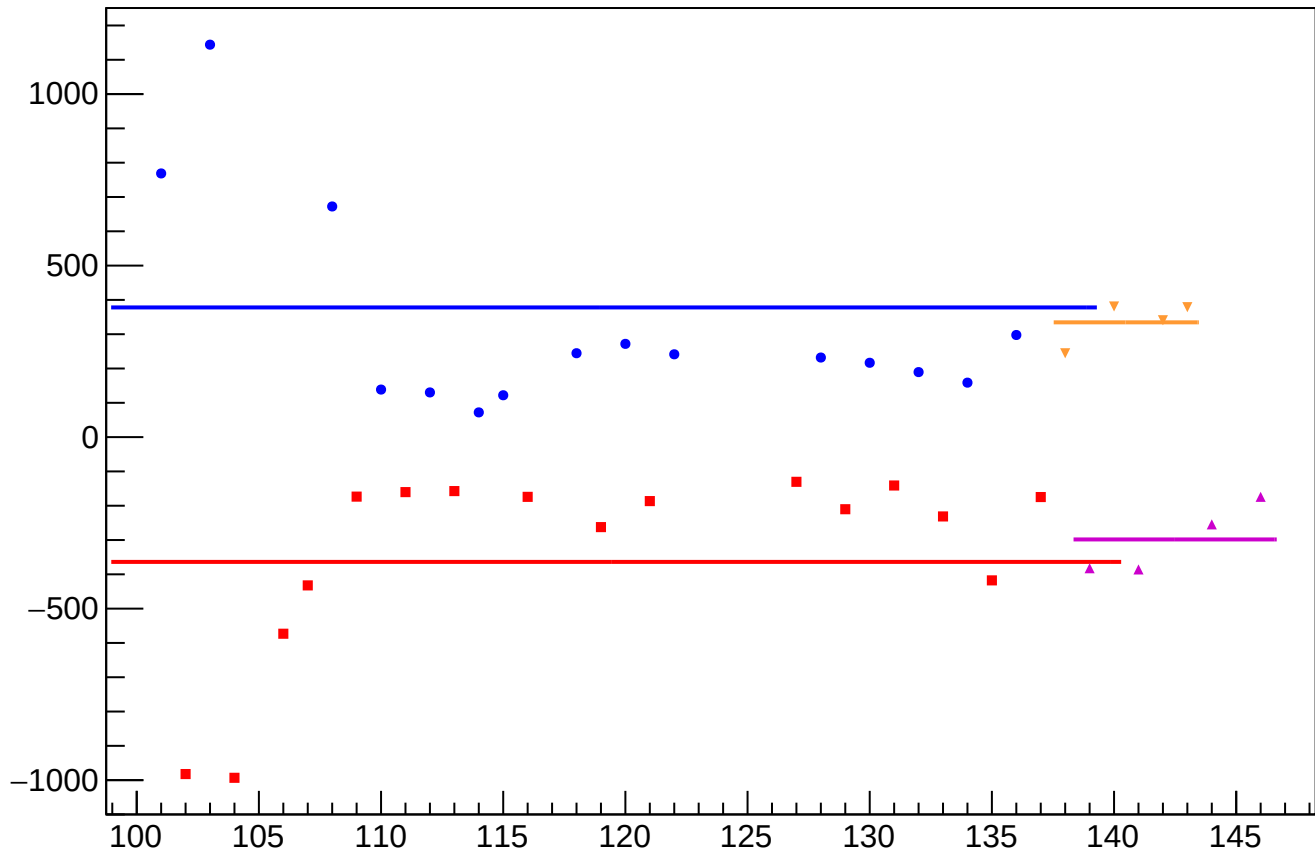
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9661.770+/-0.000 χ^2/NDF : 810080683105191467379428275253955002368.0/3
 Right Out: -4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: -8545.139+/-0.000 χ^2/NDF : 1271305587460965328954581492467339624448.0/3

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



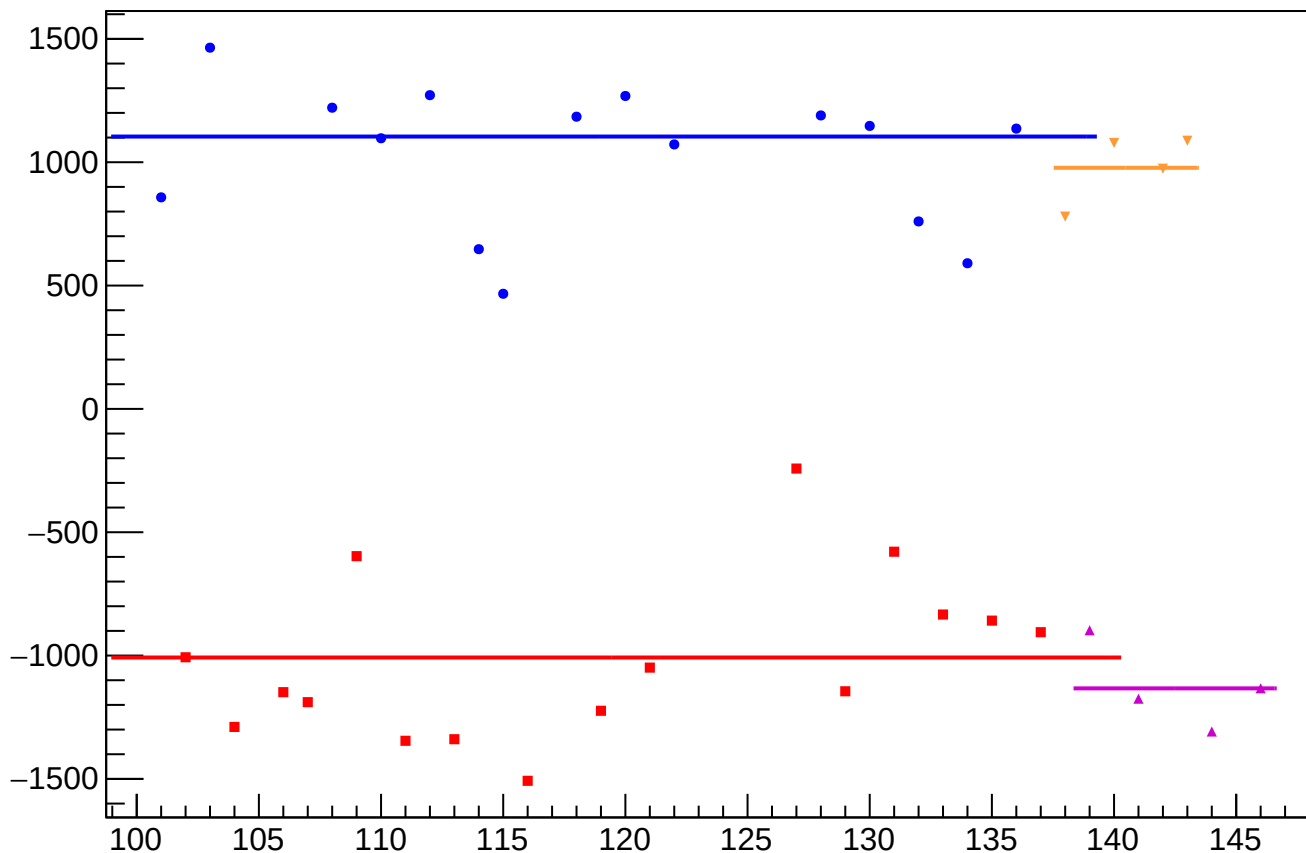
Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 334.583+/-0.000 χ^2/NDF : 942121031098478837976368851128942592.0/3

Right Out: -363.772+/-0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

Left In: -298.309+/-0.000 χ^2/NDF : 2674160709747478128248097958204014592.0/3

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



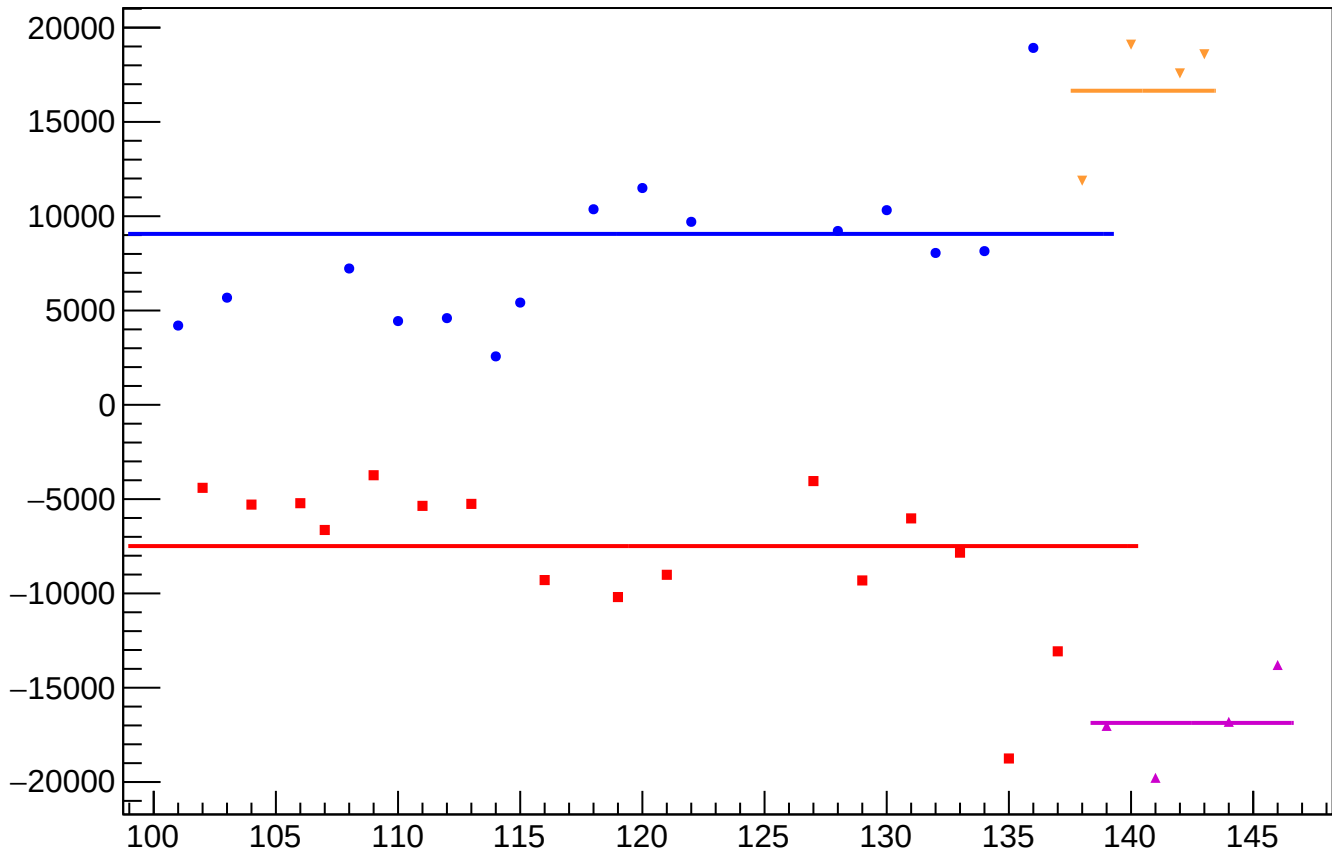
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

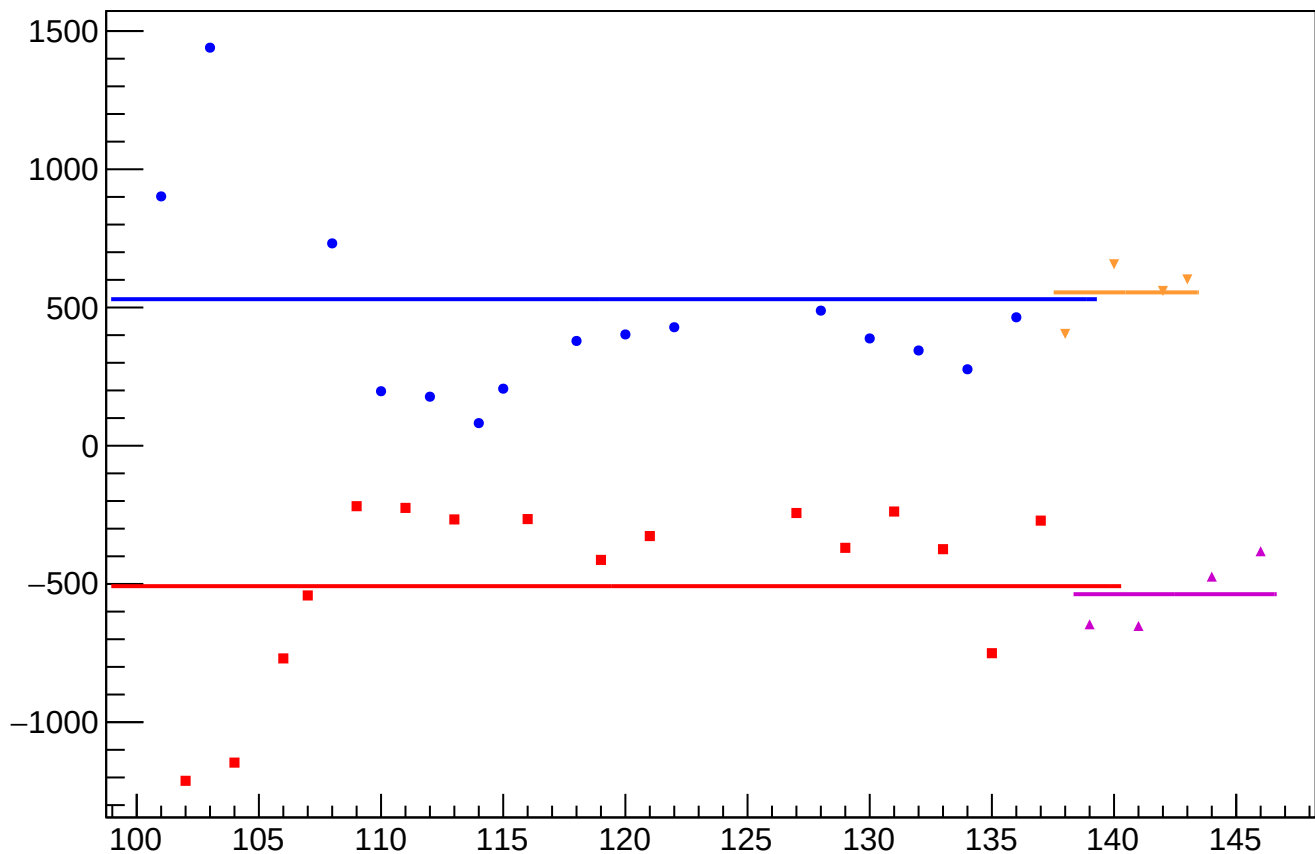
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 16653.755+/-0.000 χ^2/NDF : 2552721131376114831037596192501860925440.0/3
 Right Out: -7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: -16865.865+/-0.000 χ^2/NDF : 1505459136405159643877068607512769462272.0/3

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



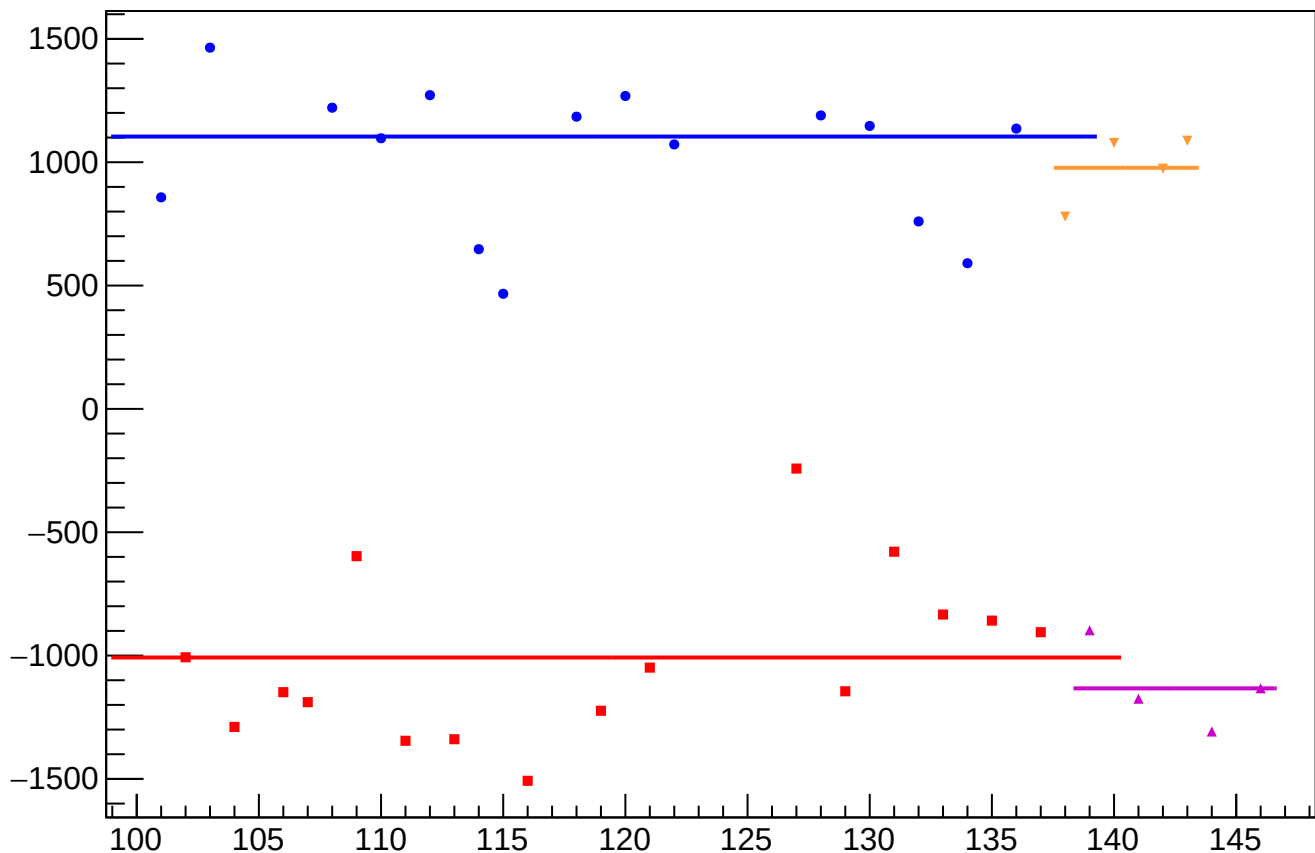
Right In: 530.057 $\pm$ 0.000 χ^2 /NDF: 78754676063063255524046471751880671232.0/14

Left Out: 554.685 $\pm$ 0.000 χ^2 /NDF: 2756547537771495949244060579083059200.0/3

Right Out: -507.987 $\pm$ 0.000 χ^2 /NDF: 76689734698308464337881841969555046400.0/15

Left In: -537.038 $\pm$ 0.000 χ^2 /NDF: 4442309698448367011912799641644564480.0/3

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



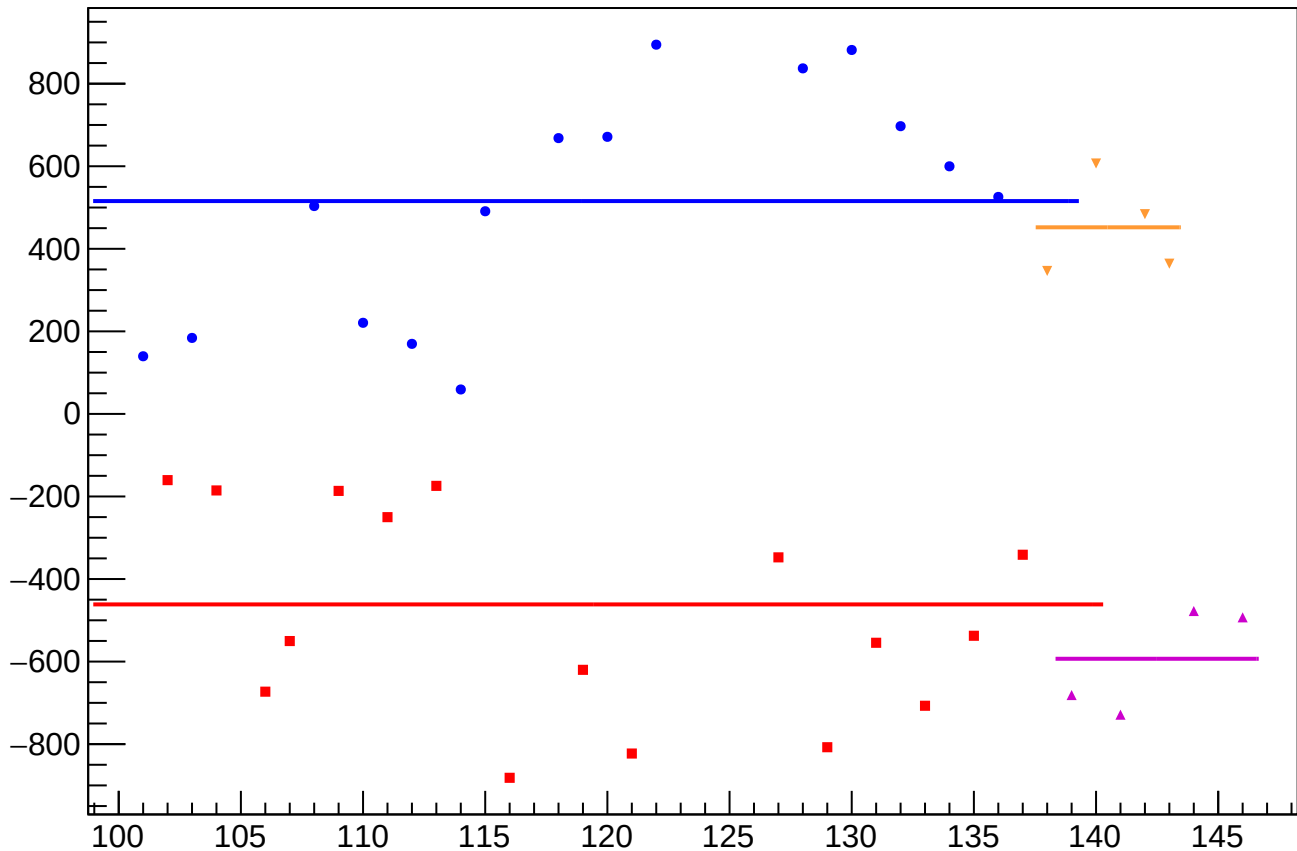
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_sam5_coil3_mean vs Slug, Sign Corrected



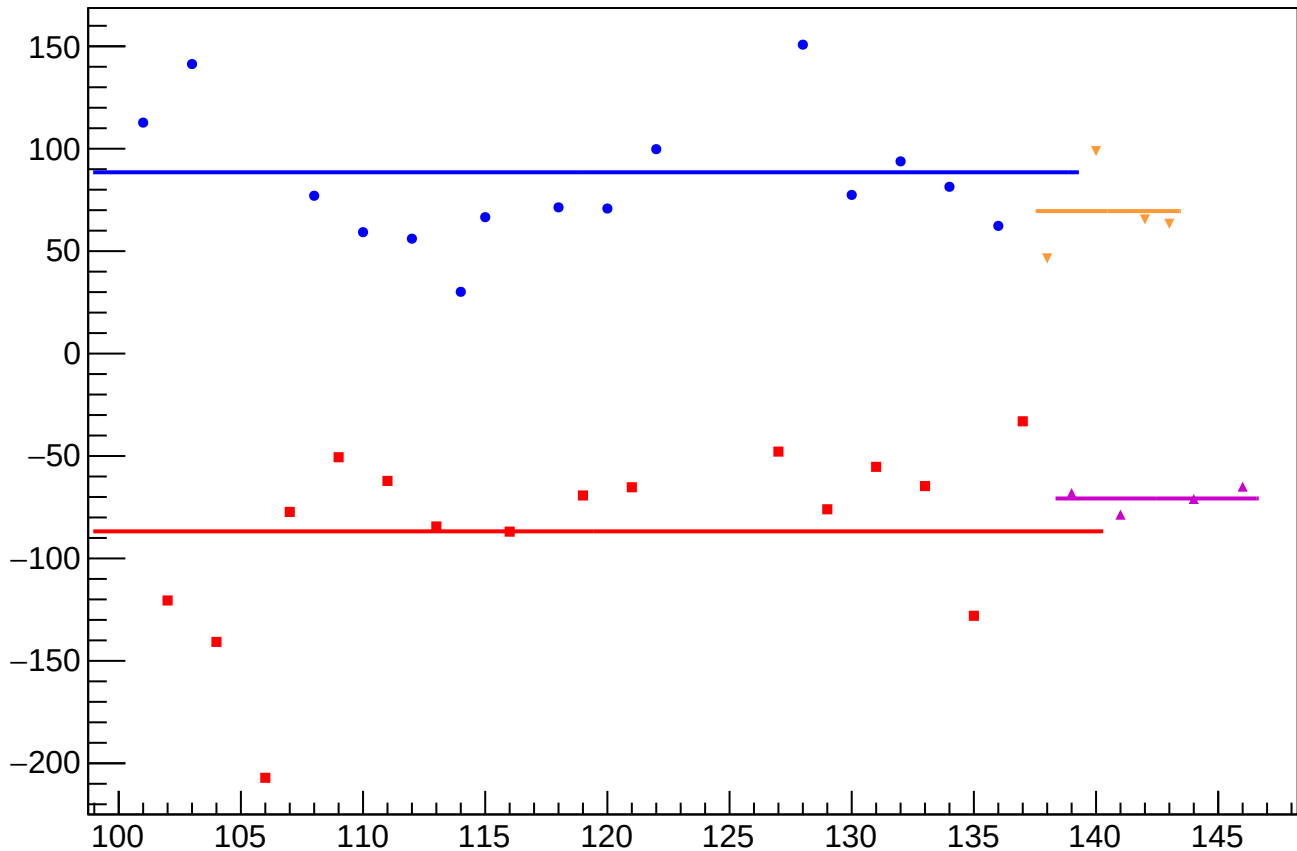
Right In: 515.635 +/- 0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 452.049 +/- 0.000 χ^2/NDF : 3397975293787039349538044746548641792.0/3

Right Out: -461.497 +/- 0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

Left In: -593.197 +/- 0.000 χ^2/NDF : 4212098498704665998771628977839669248.0/3

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



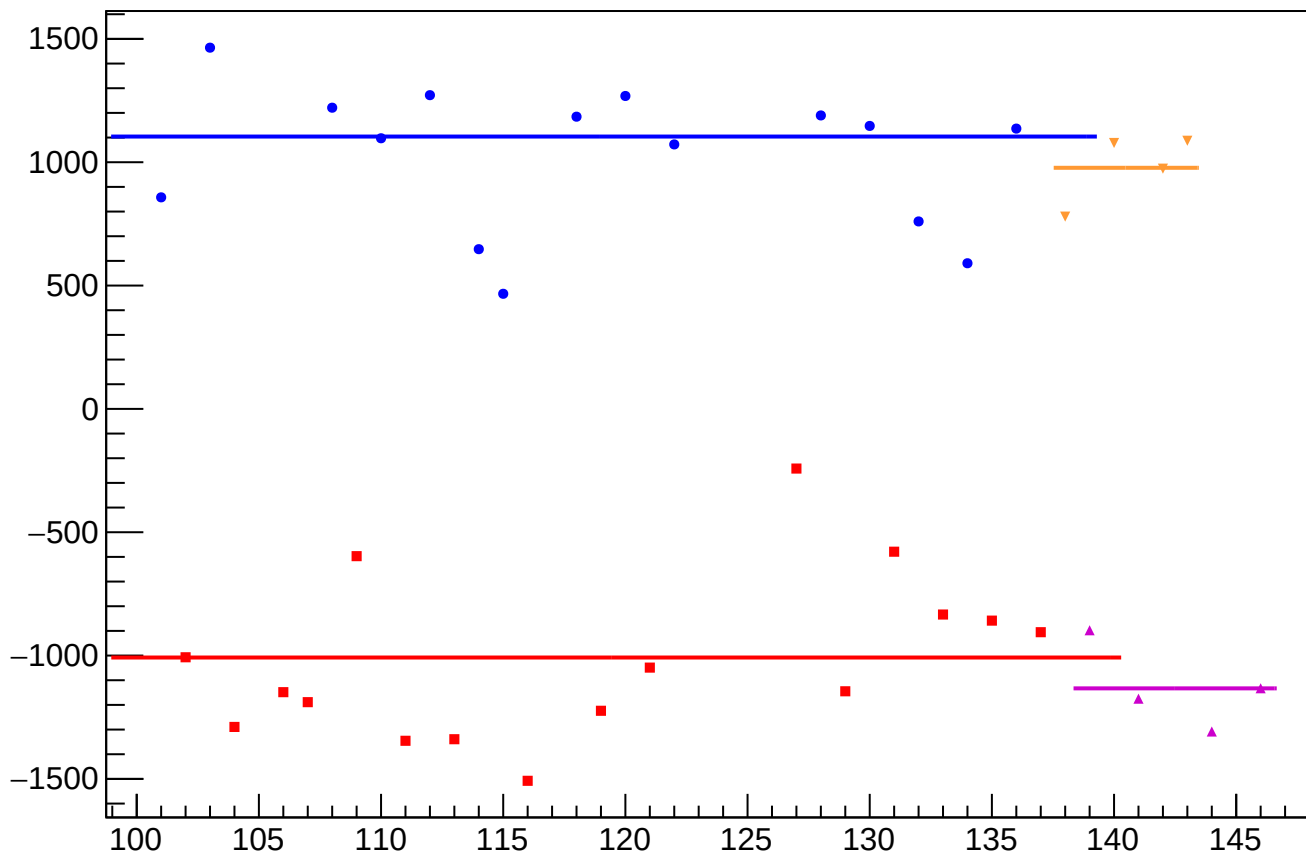
Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 69.555+/-0.000 χ^2/NDF : 115186773408527898403018461973315584.0/3

Right Out: -86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

Left In: -70.732+/-0.000 χ^2/NDF : 8640318185441259390626861563248640.0/3

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



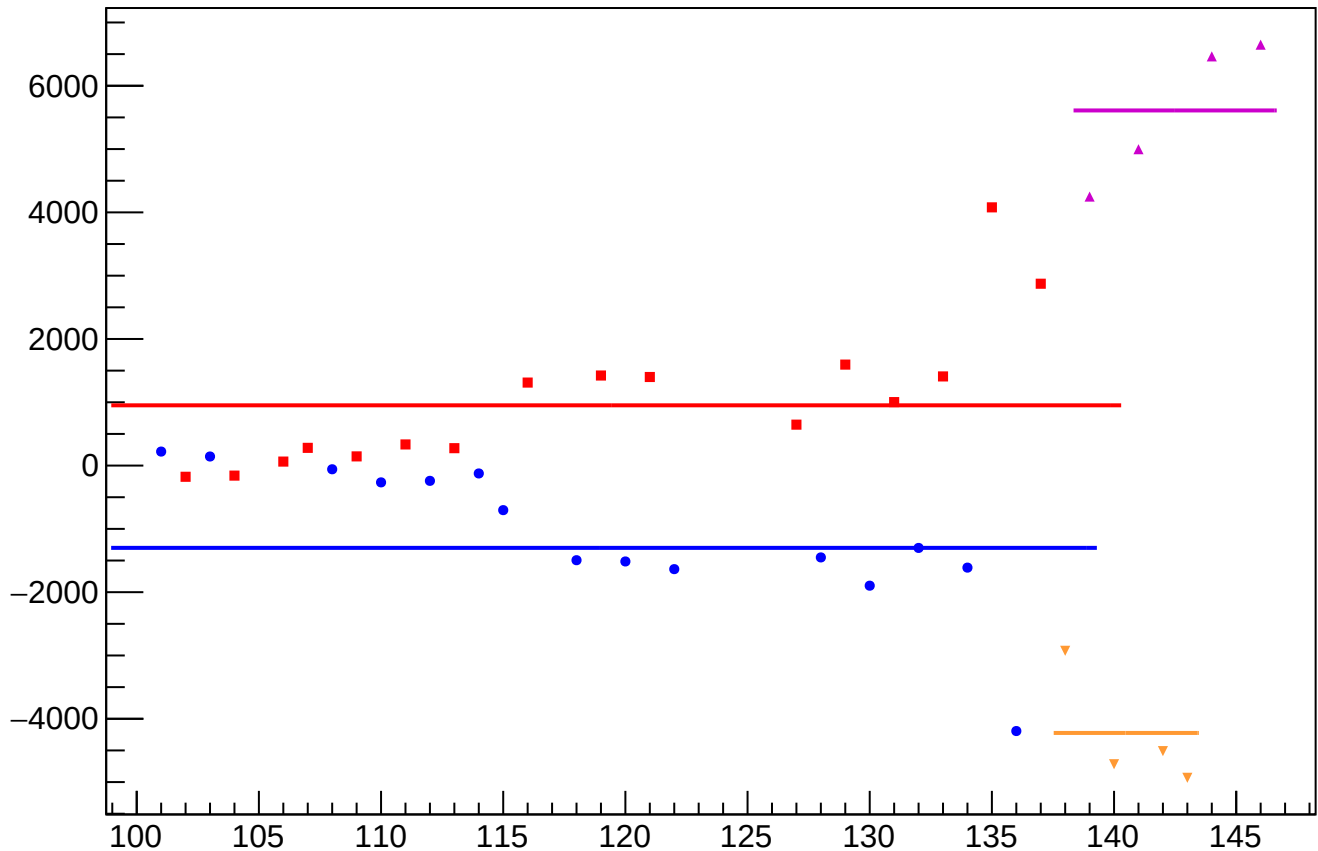
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

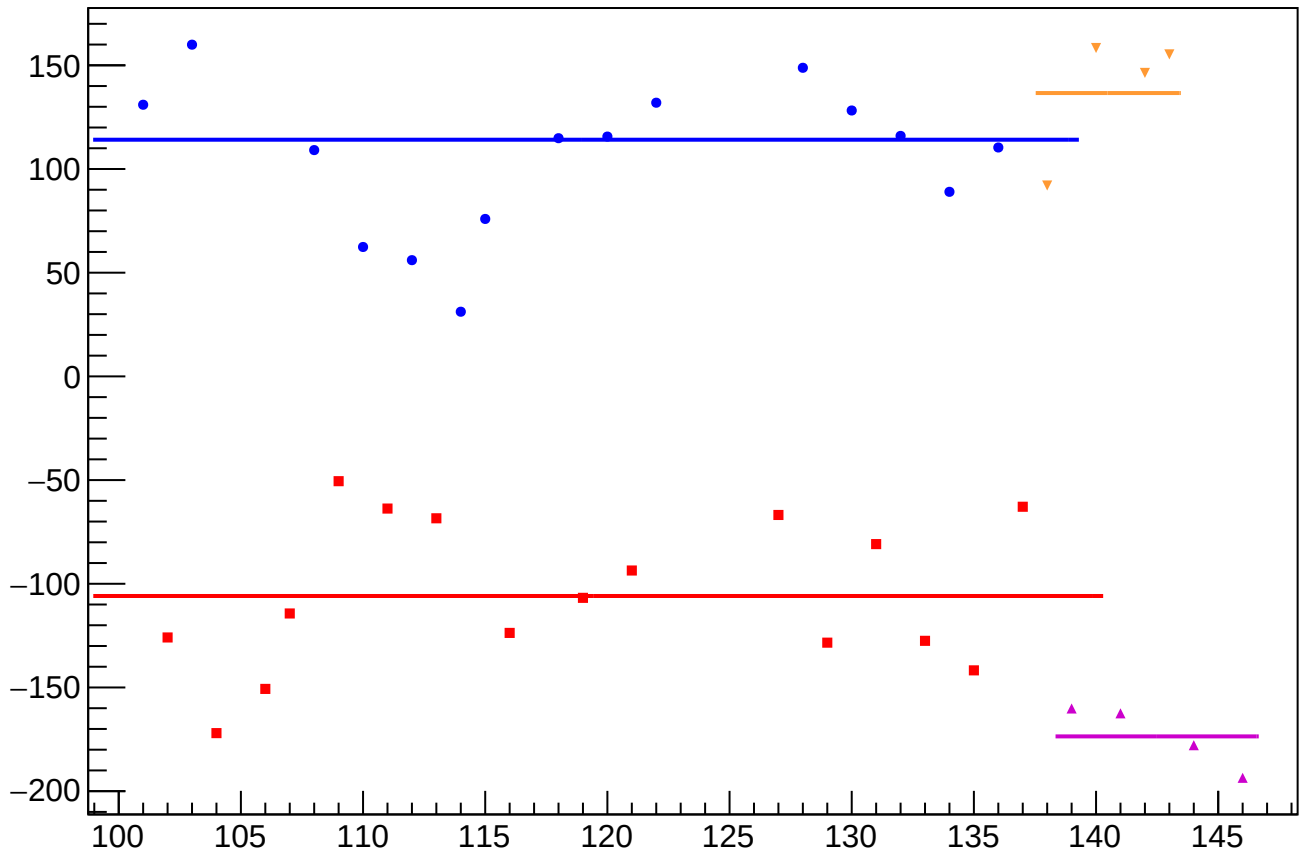
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904 ± 0.000 $\chi^2/\text{NDF}: 1199649252163216367086408691577524322304.0/14$
 Left Out: -4223.778 ± 0.000 $\chi^2/\text{NDF}: 188817617015380895178940398849692270592.0/3$
 Right Out: 951.903 ± 0.000 $\chi^2/\text{NDF}: 841314696863657044174468284217089327104.0/15$
 Left In: 5610.189 ± 0.000 $\chi^2/\text{NDF}: 33635209682427494484836723187582500864.0/3$

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



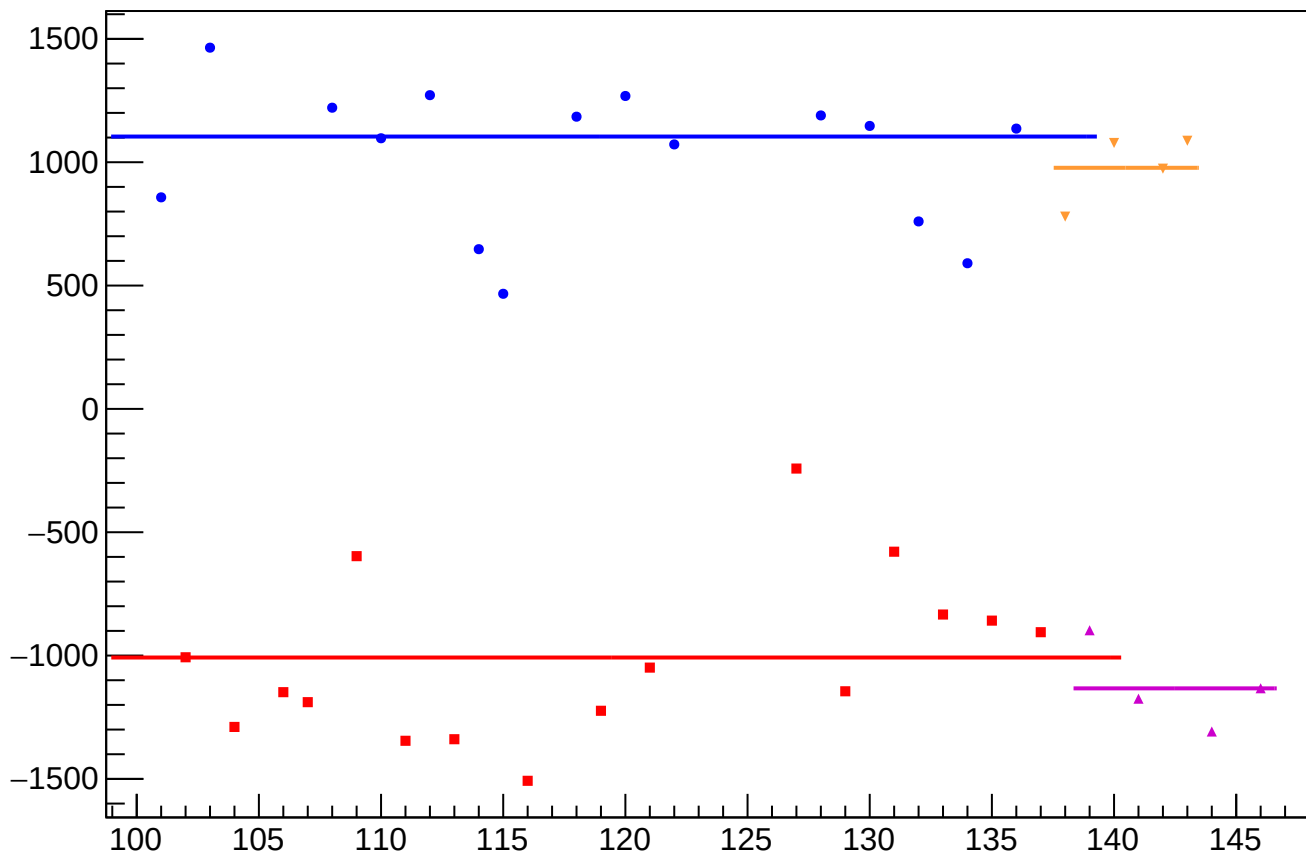
Right In: 114.118 +/- 0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 136.622 +/- 0.000 χ^2/NDF : 221354183544623190814808564457013248.0/3

Right Out: -105.890 +/- 0.000 χ^2/NDF : 851861355270591521058611007535972352.0/15

Left In: -173.588 +/- 0.000 χ^2/NDF : 59878492911206274718591435224907776.0/3

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



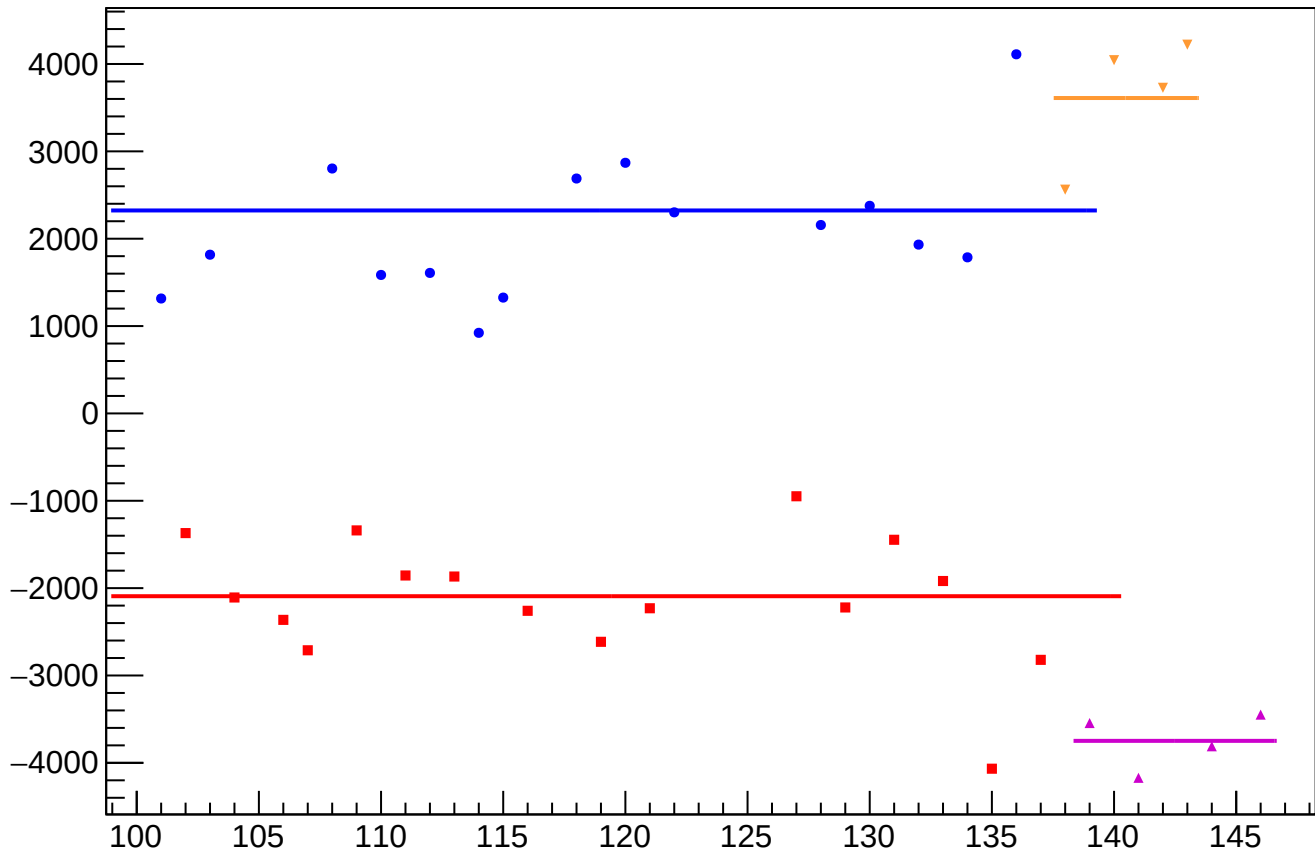
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

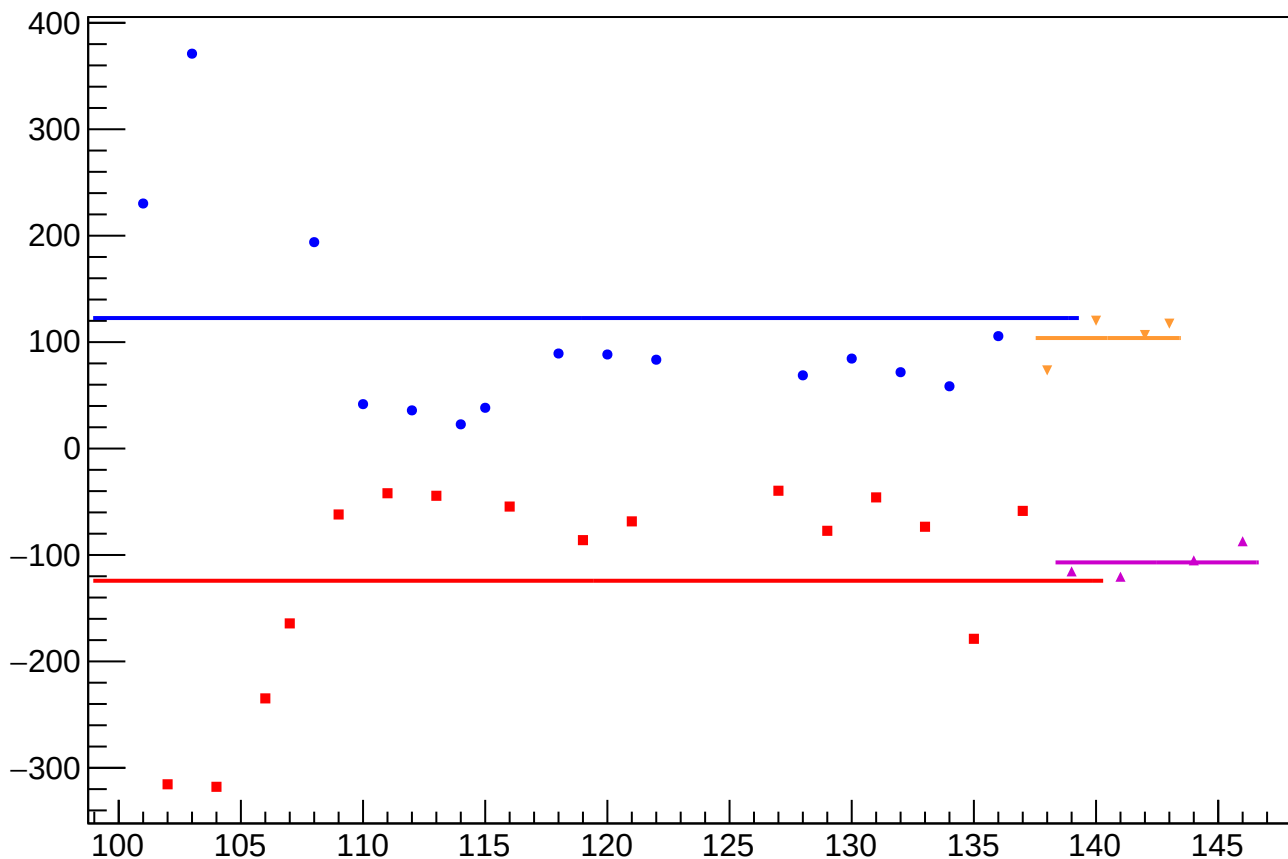
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 2323.372 $\pm$ 0.000 χ^2 /NDF: 476371189888349375964725620757728591872.0/14
 Left Out: 3610.506 $\pm$ 0.000 χ^2 /NDF: 126845138517988748630939767402414473216.0/3
 Right Out: -2092.458 $\pm$ 0.000 χ^2 /NDF: 367126080872166122663684022473339174912.0/15
 Left In: -3748.335 $\pm$ 0.000 χ^2 /NDF: 26405680037039506815372104726619357184.0/3

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



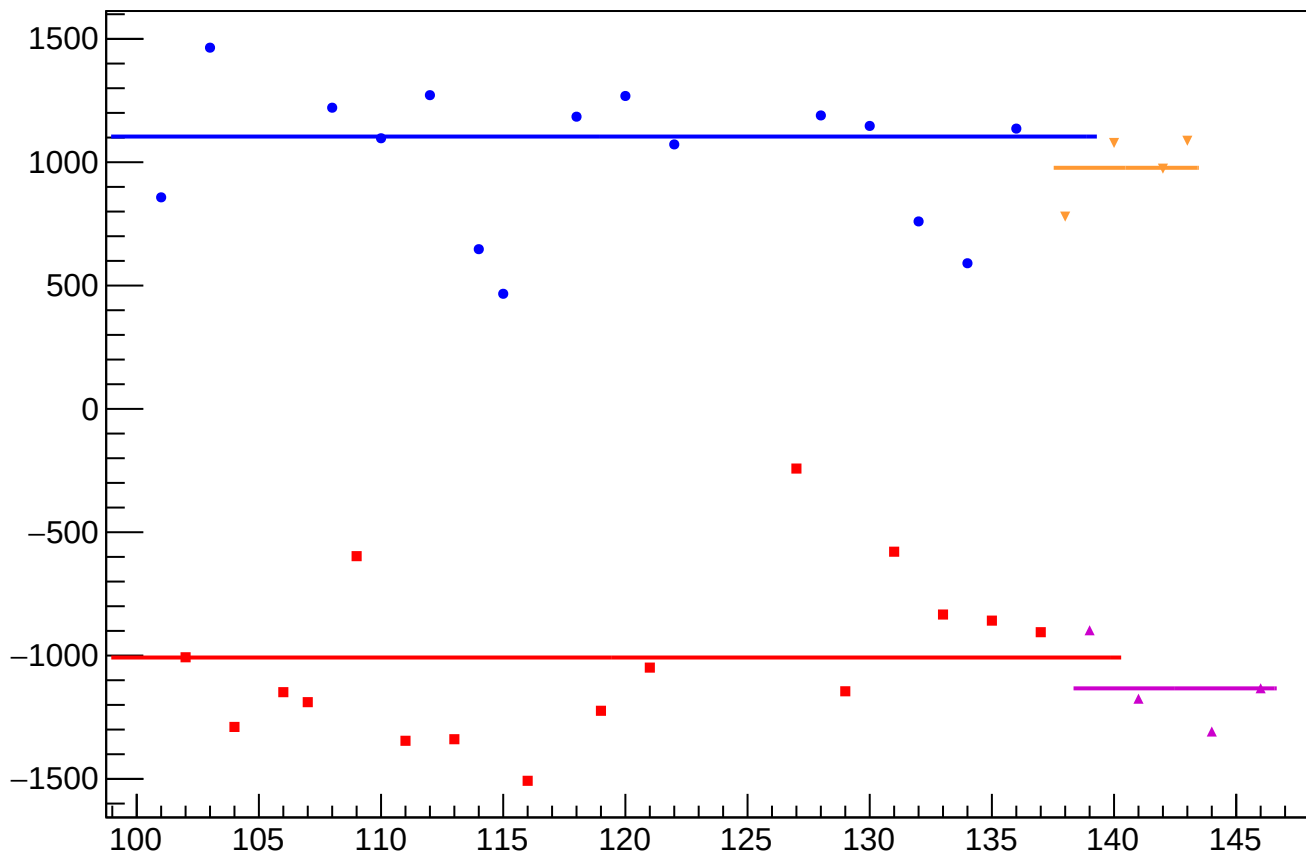
Right In: 122.622 +/- 0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14

Left Out: 103.836 +/- 0.000 χ^2/NDF : 106462596996834052737987448800280576.0/3

Right Out: -124.216 +/- 0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15

Left In: -106.977 +/- 0.000 χ^2/NDF : 54276043799751814253732907605557248.0/3

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



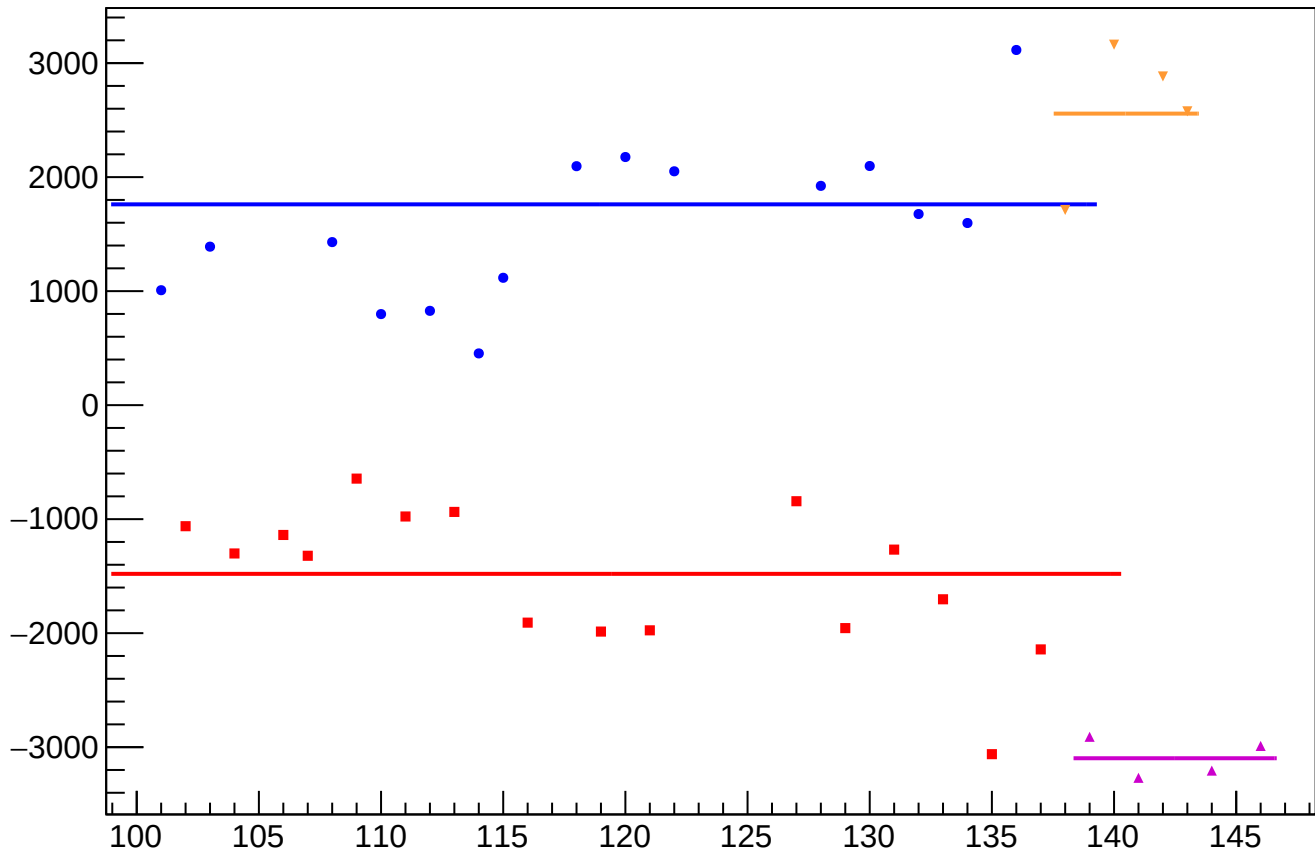
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

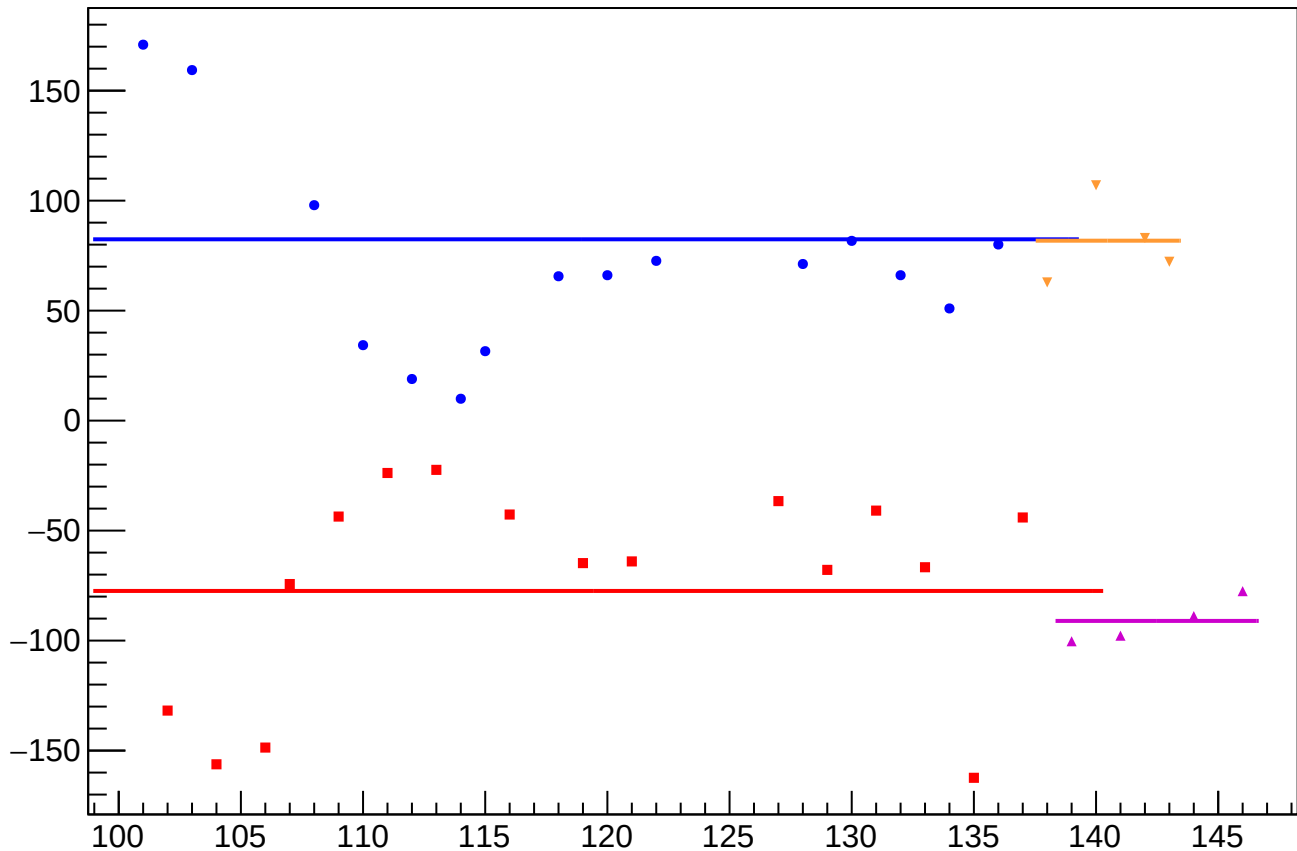
Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14
 Left Out: 2557.111+/-0.000 χ^2/NDF : 90590060702502110401537657888481214464.0/3
 Right Out: -1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15
 Left In: -3097.141+/-0.000 χ^2/NDF : 7384357149575761983980172467742179328.0/3

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



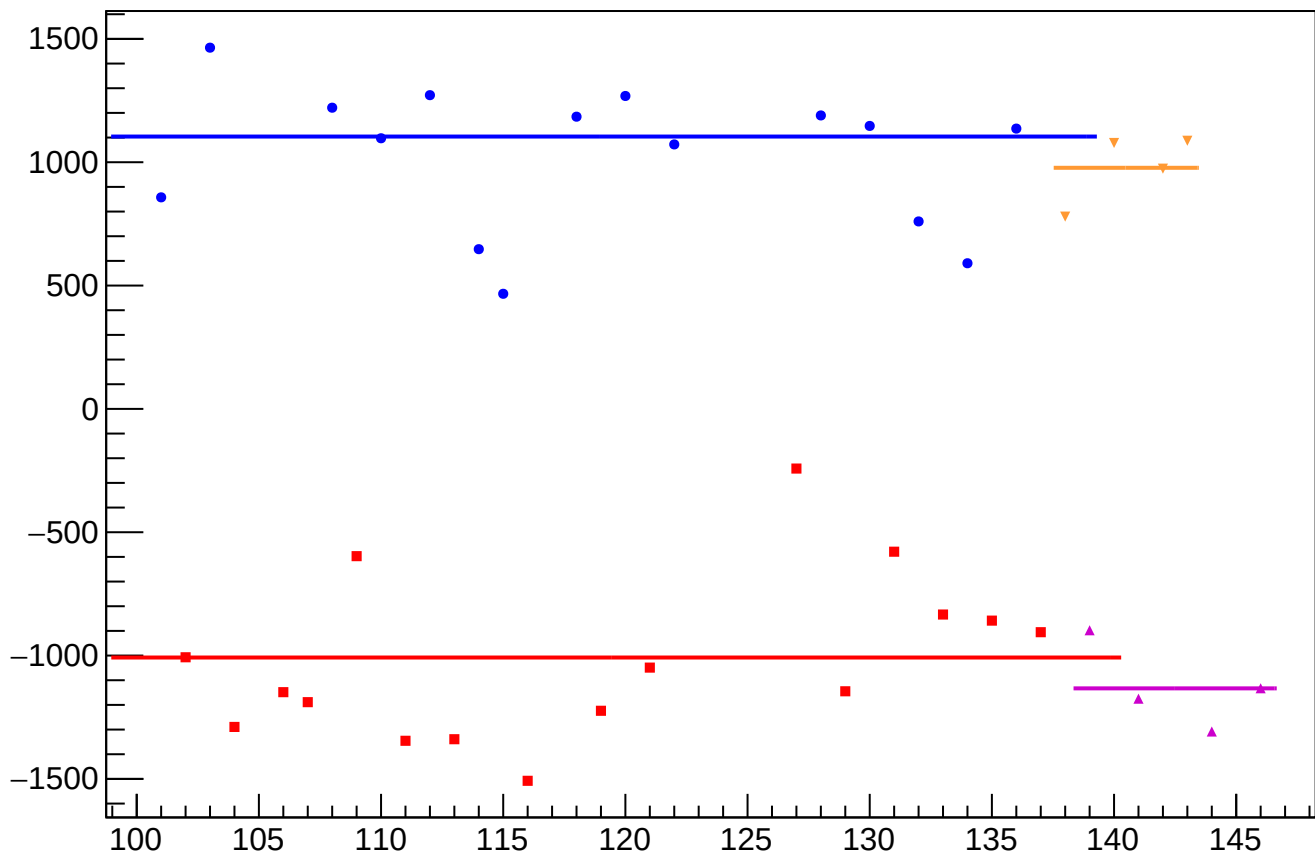
Right In: 82.422 $\pm$ 0.000 χ^2 /NDF: 1263633347129443757477527241185296384.0/14

Left Out: 81.798 $\pm$ 0.000 χ^2 /NDF: 86317085676814796284419564283887616.0/3

Right Out: -77.430 $\pm$ 0.000 χ^2 /NDF: 1515456409368458038568290276111024128.0/15

Left In: -91.054 $\pm$ 0.000 χ^2 /NDF: 26387651608608378752608455052230656.0/3

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



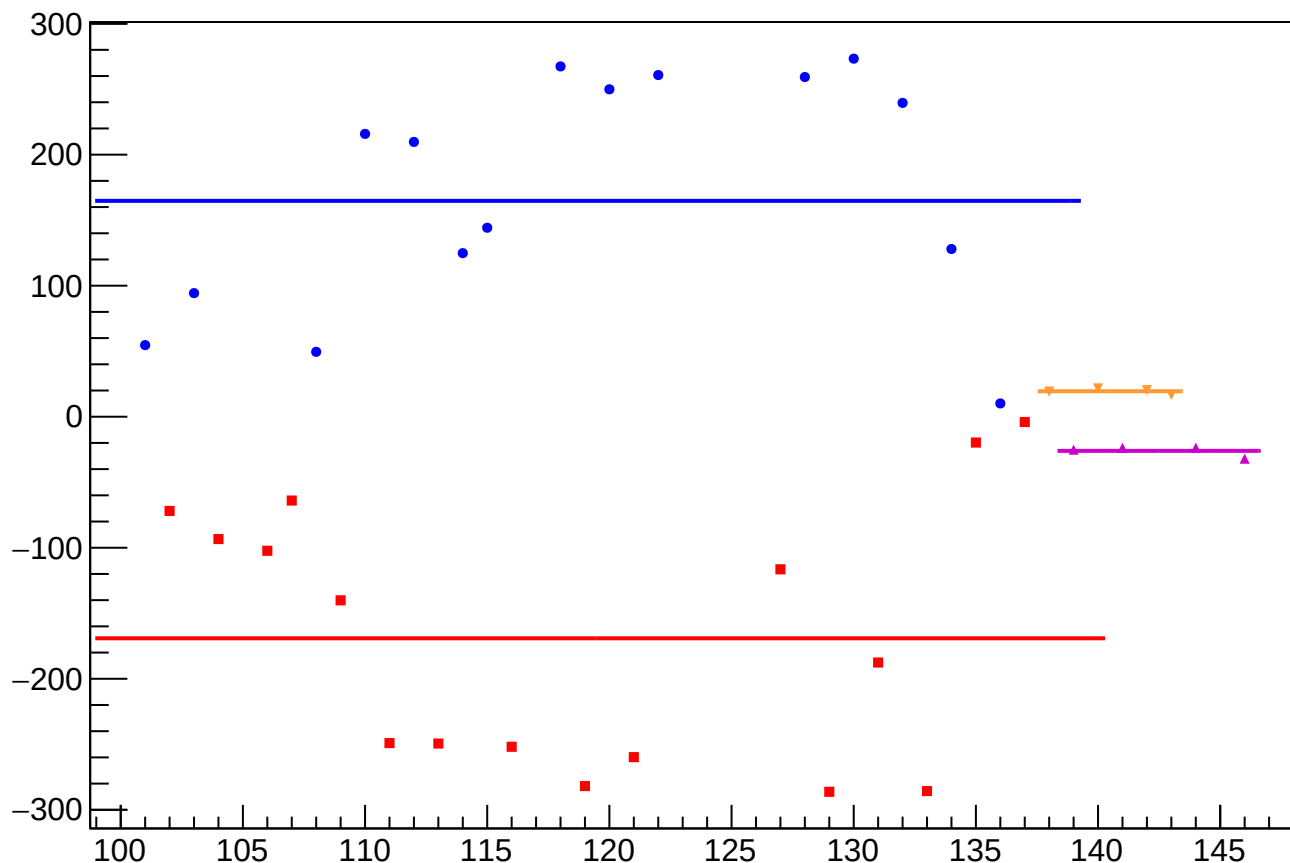
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: -1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_4aX_coil7_mean vs Slug, Sign Corrected



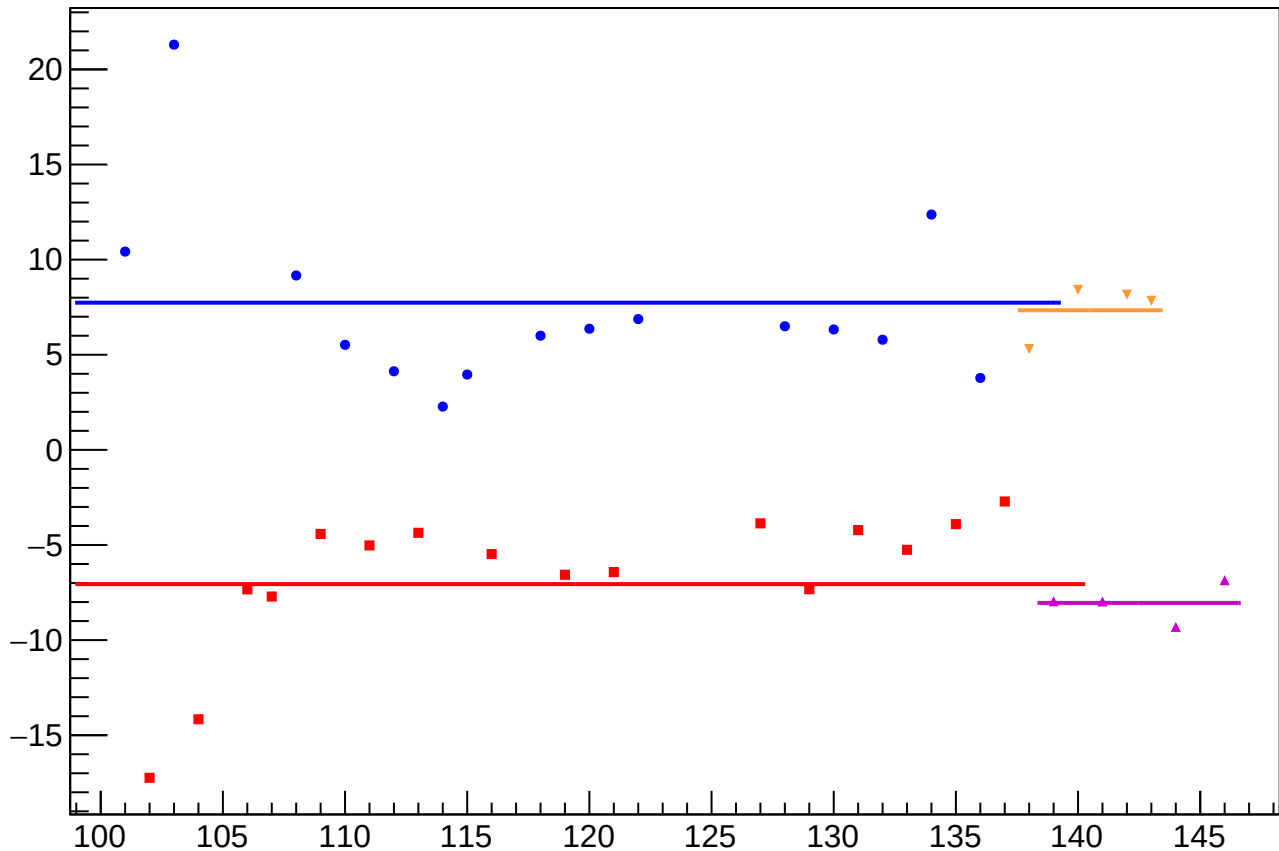
Right In: 164.752 +/- 0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

Left Out: 19.455 +/- 0.000 χ^2/NDF : 961630299433770965318624788611072.0/3

Right Out: -169.108 +/- 0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

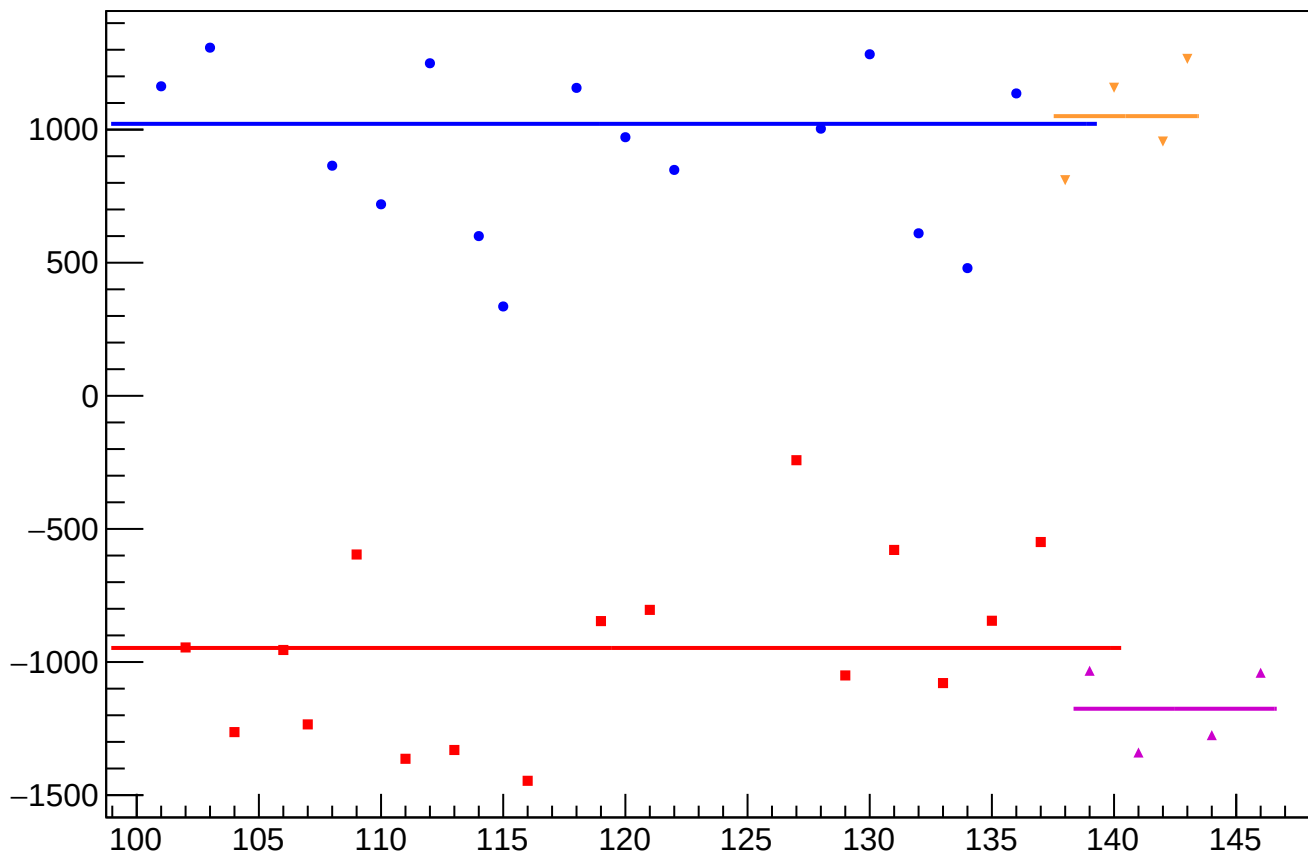
Left In: -26.059 +/- 0.000 χ^2/NDF : 4020670399352678748767308761530368.0/3

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738 $\pm$ 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14
 Left Out: 7.338 $\pm$ 0.000 χ^2/NDF : 465164601601594768345580716425216.0/3
 Right Out: -7.057 $\pm$ 0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15
 Left In: -8.043 $\pm$ 0.000 χ^2/NDF : 261142382190230682688462765686784.0/3

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



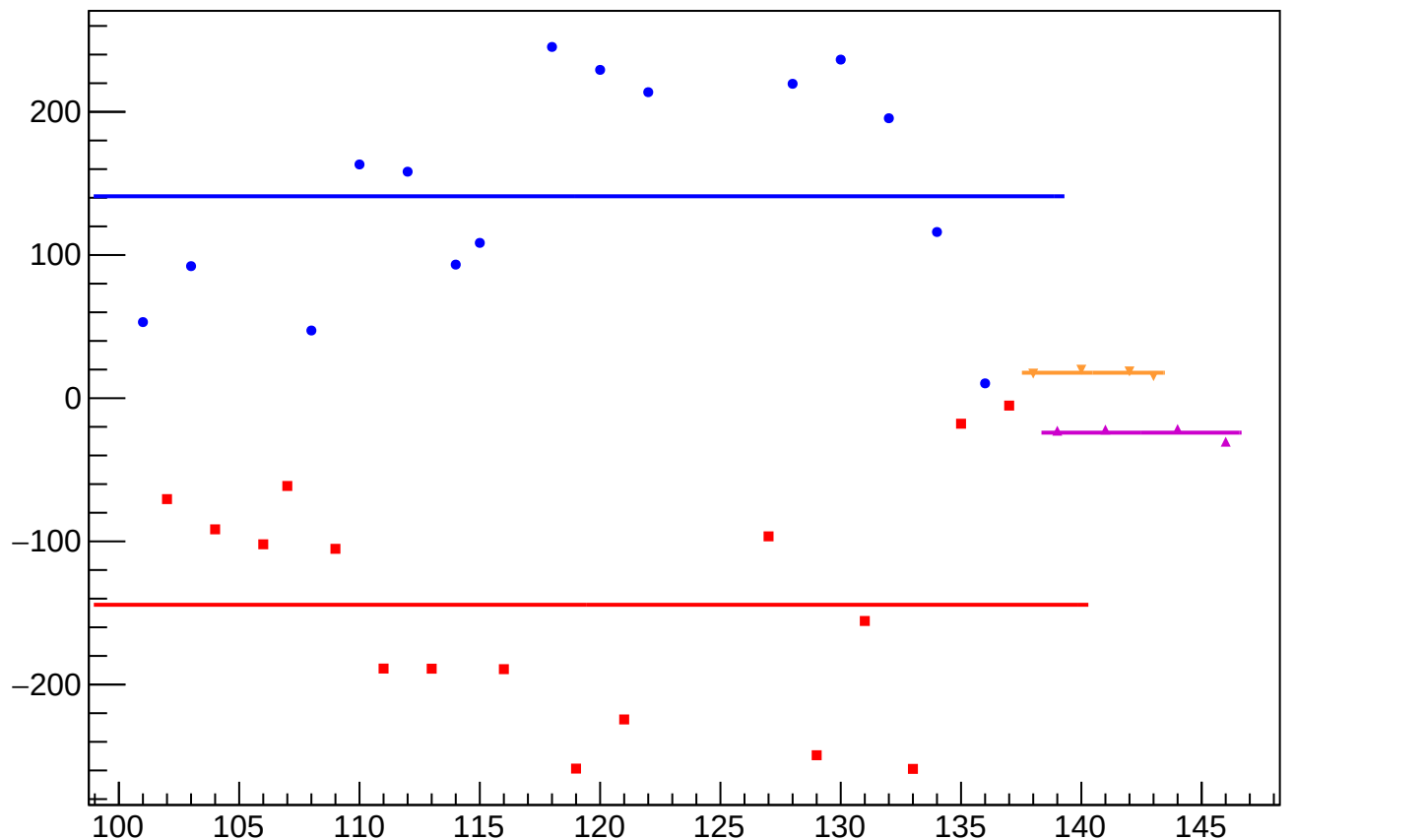
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

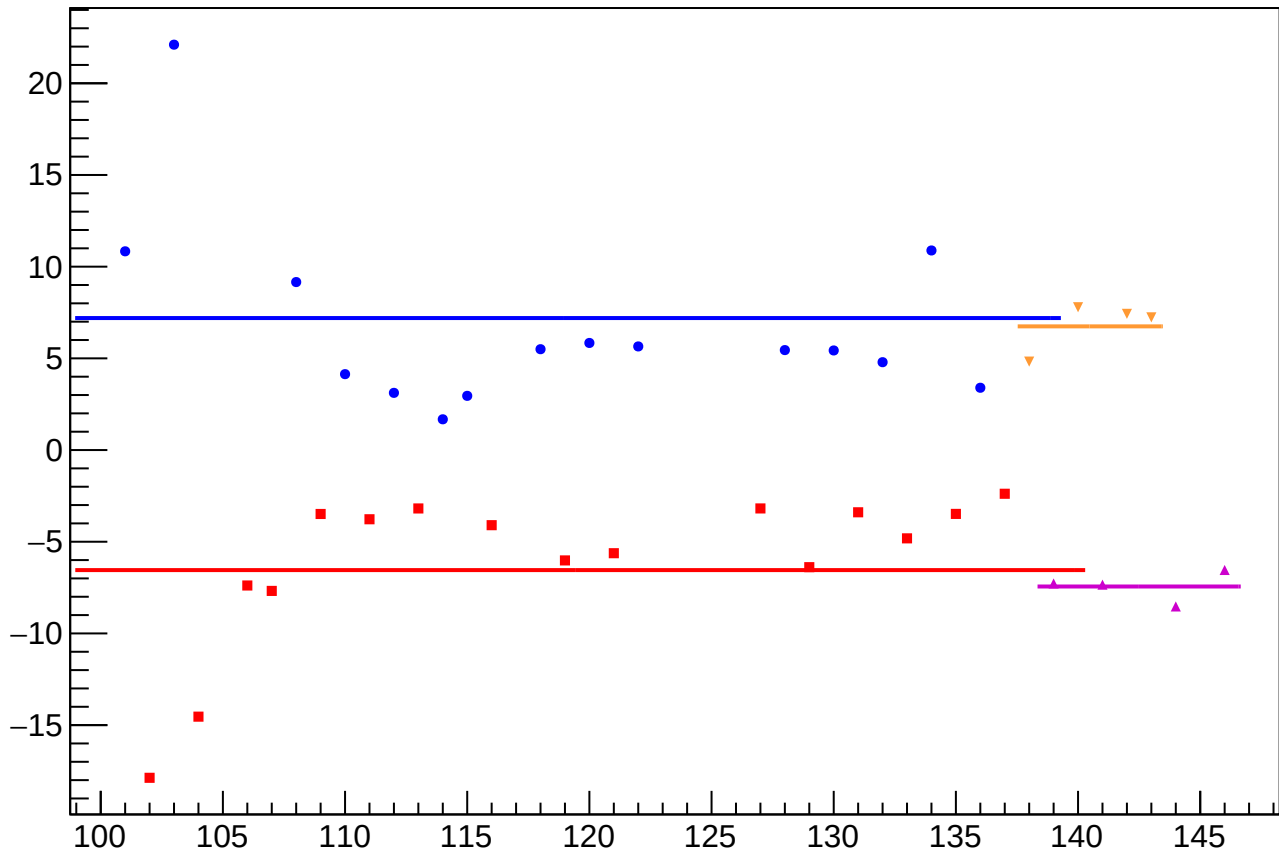
Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_4eX_coil7_mean vs Slug, Sign Corrected



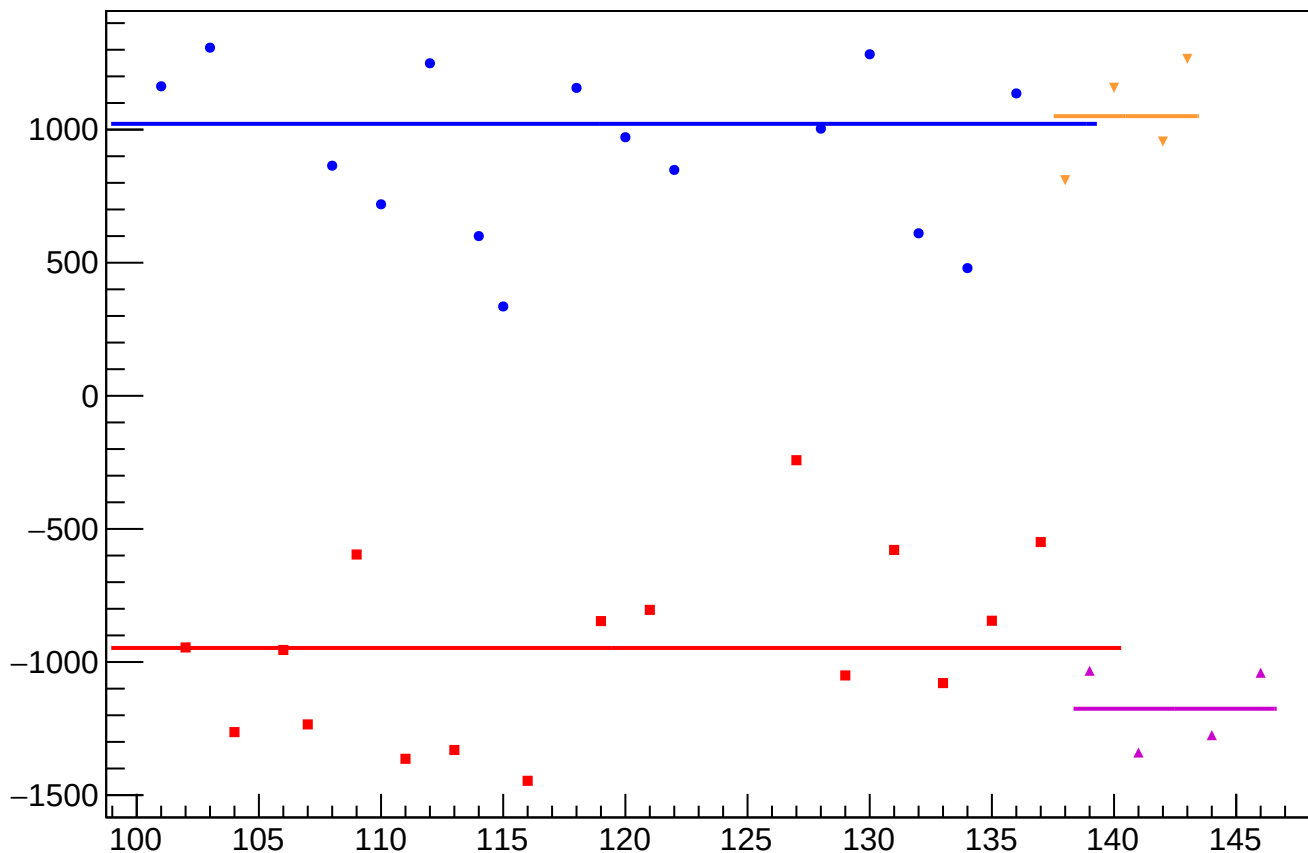
Right In: 141.032 $\pm$ 0.000 χ^2 /NDF: 4507992585512923332587415612245934080.0/14
 Left Out: 17.795 $\pm$ 0.000 χ^2 /NDF: 817887565570467001099105876312064.0/3
 Right Out: -144.283 $\pm$ 0.000 χ^2 /NDF: 4268333571517740886065361663928827904.0/15
 Left In: -24.063 $\pm$ 0.000 χ^2 /NDF: 4440566646692372682800018380292096.0/3

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198 $\pm$ 0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14
 Left Out: 6.744 $\pm$ 0.000 χ^2/NDF : 414824267978249148386380672401408.0/3
 Right Out: -6.547 $\pm$ 0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15
 Left In: -7.441 $\pm$ 0.000 χ^2/NDF : 175823809109973020855586447687680.0/3

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



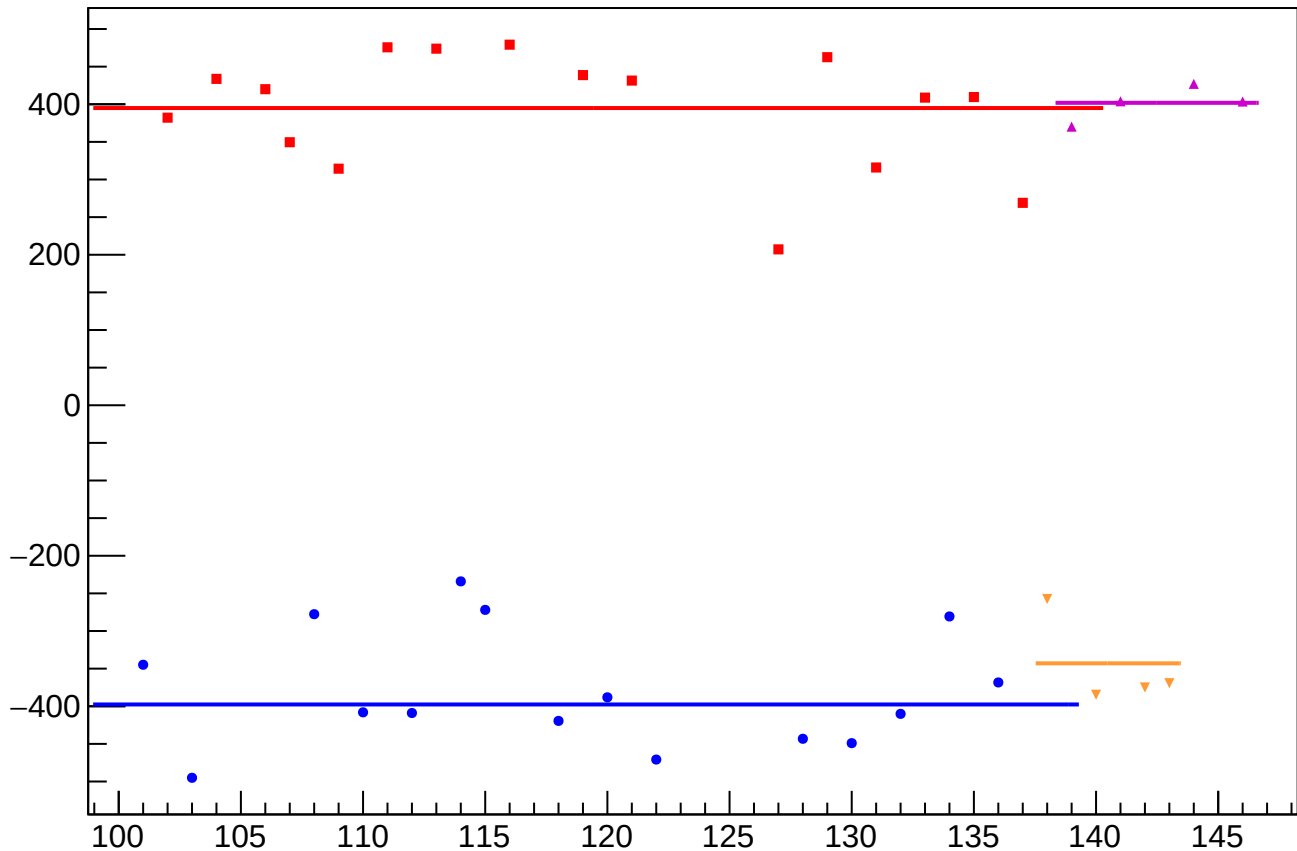
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_11X12X_coil7_mean vs Slug, Sign Corrected



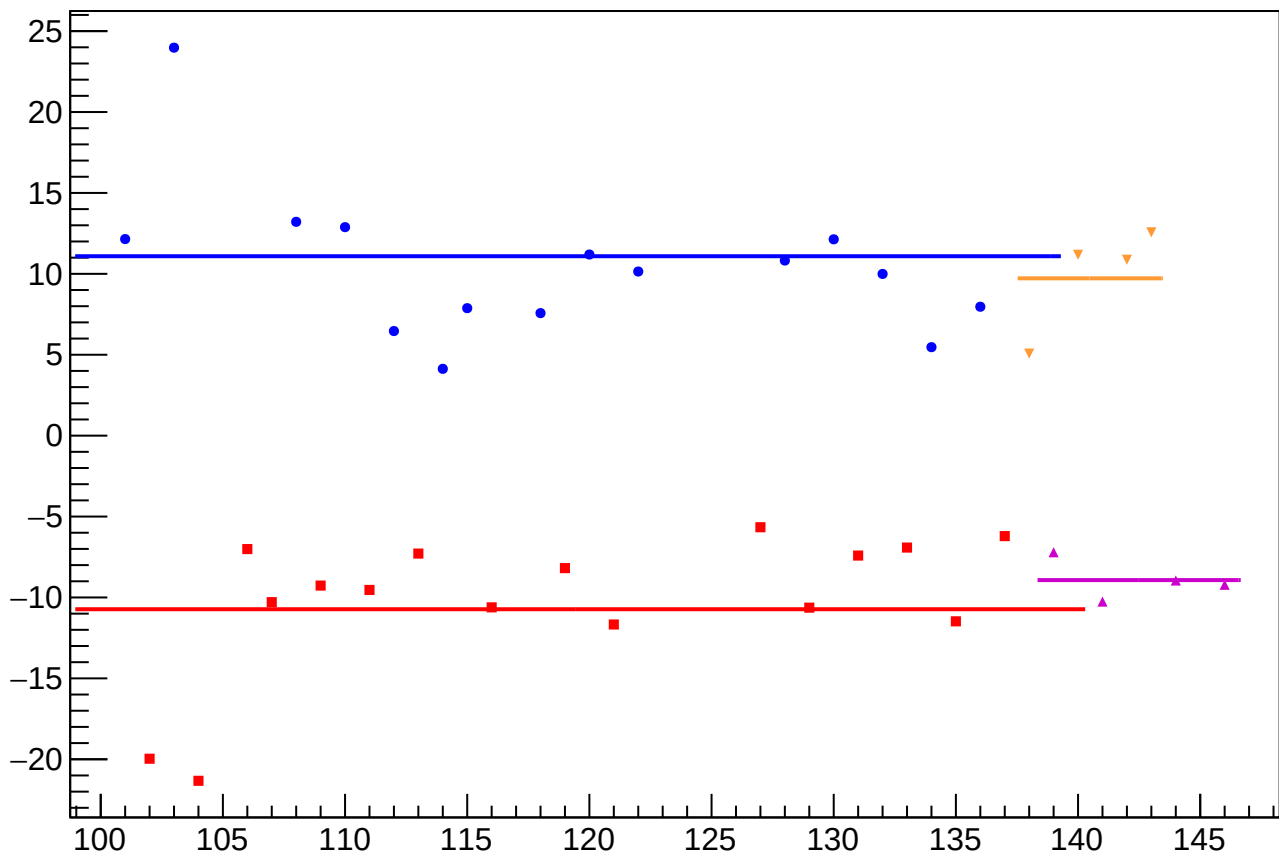
Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -342.932+/-0.000 χ^2/NDF : 807653524791121182675662875435991040.0/3

Right Out: 394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

Left In: 401.906+/-0.000 χ^2/NDF : 138309583787575426297344498067308544.0/3

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



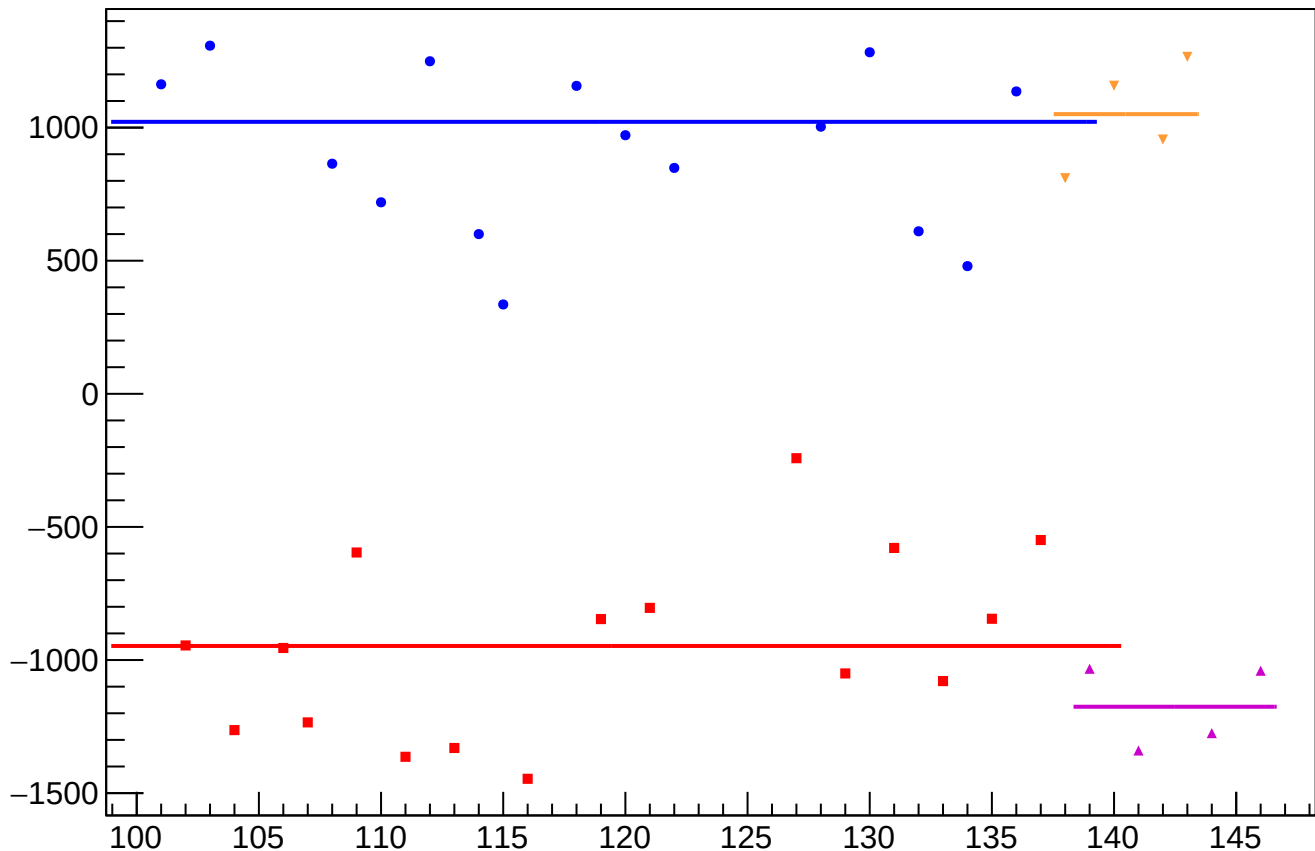
Right In: 11.089 ± 0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

Left Out: 9.722 ± 0.000 χ^2/NDF : 2464407336119684972014055192526848.0/3

Right Out: -10.728 ± 0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15

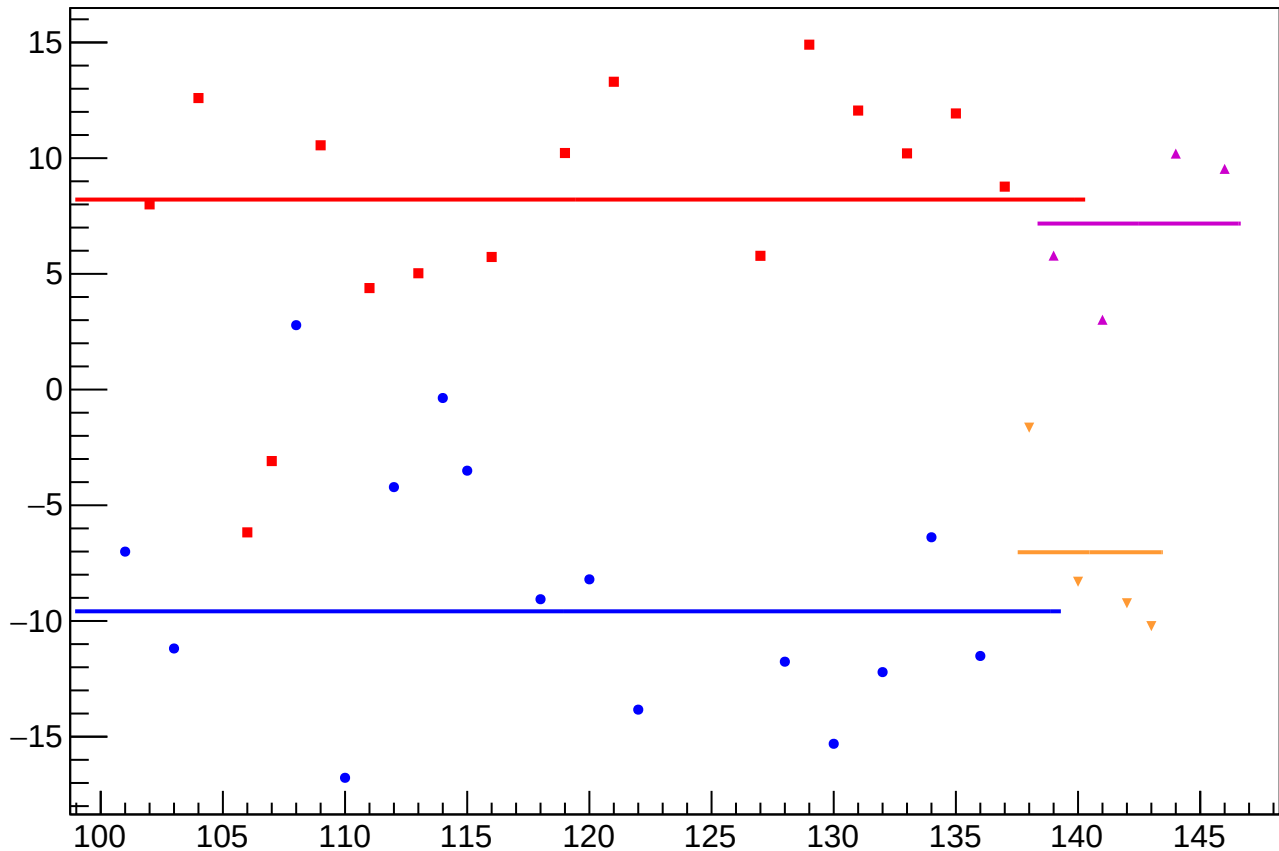
Left In: -8.927 ± 0.000 χ^2/NDF : 396810832330010977017846969663488.0/3

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1050.608 ± 0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3
 Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1175.482 ± 0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_4aY_coil7_mean vs Slug, Sign Corrected



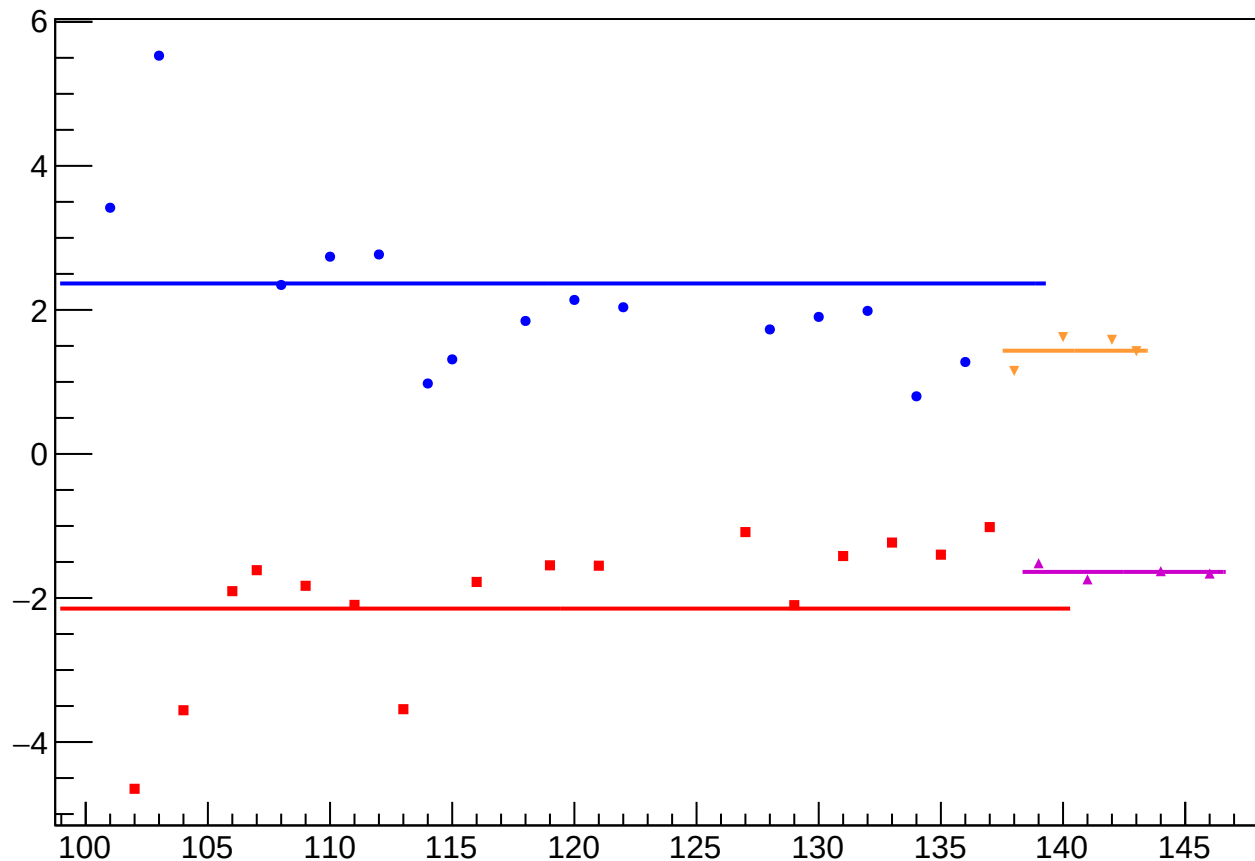
Right In: -9.582+/-0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14

Left Out: -7.030+/-0.000 χ^2/NDF : 3300890255682655116184434618925056.0/3

Right Out: 8.211+/-0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15

Left In: 7.174+/-0.000 χ^2/NDF : 2901286614201537597988397513703424.0/3

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



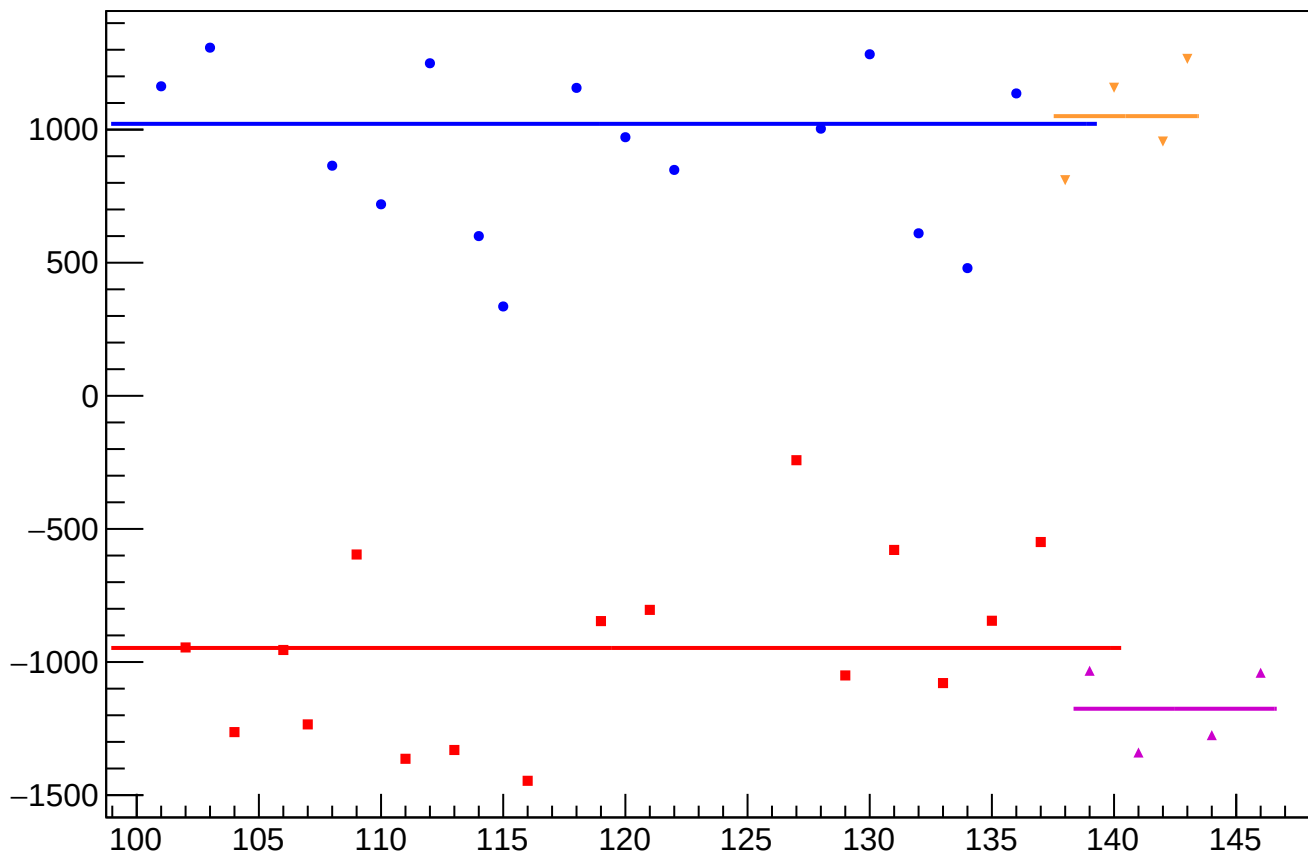
Right In: 2.367+/-0.000 χ^2/NDF : 920633294546152876922066767446016.0/14

Left Out: 1.434+/-0.000 χ^2/NDF : 10134321479309911964547507290112.0/3

Right Out: -2.147+/-0.000 χ^2/NDF : 764171992480224478656127555338240.0/15

Left In: -1.638+/-0.000 χ^2/NDF : 2134045175524868416853451472896.0/3

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



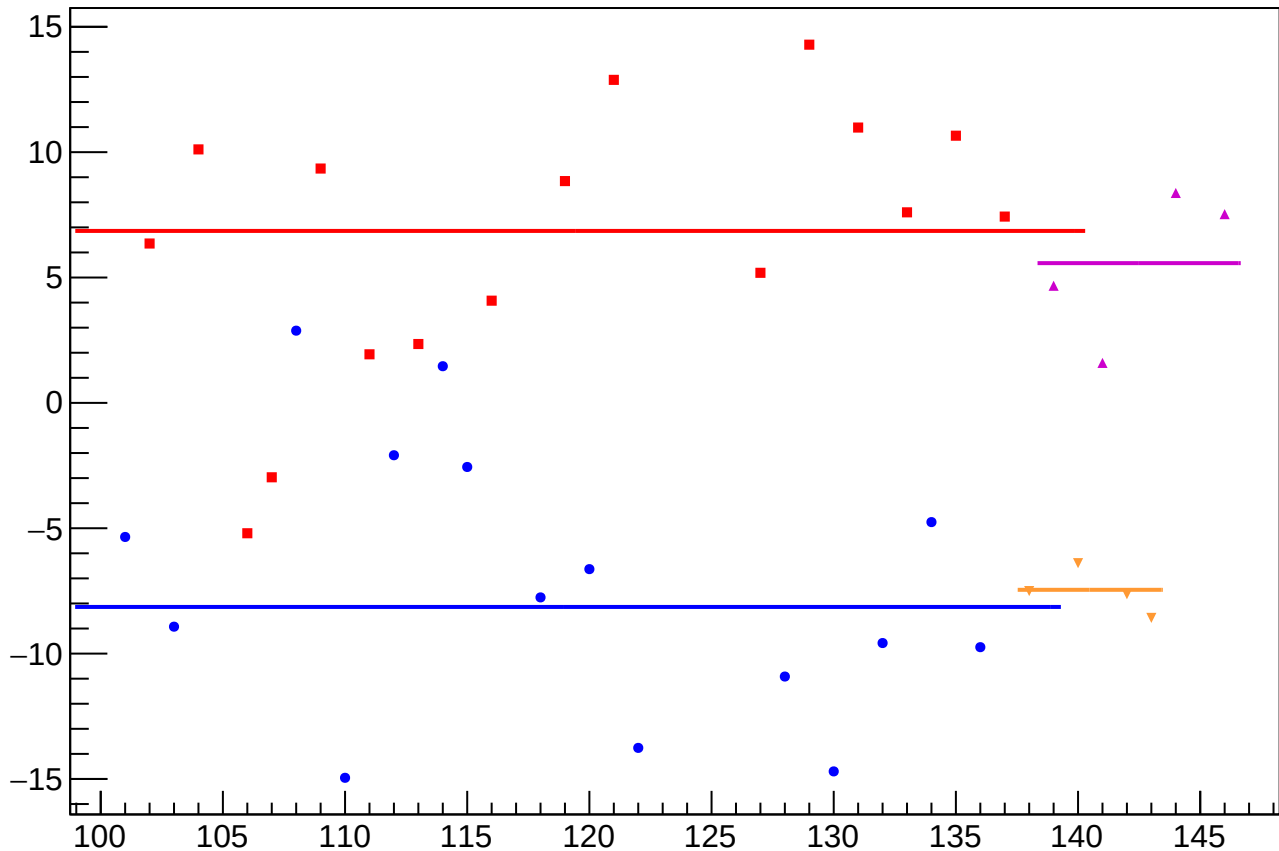
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_4eY_coil7_mean vs Slug, Sign Corrected



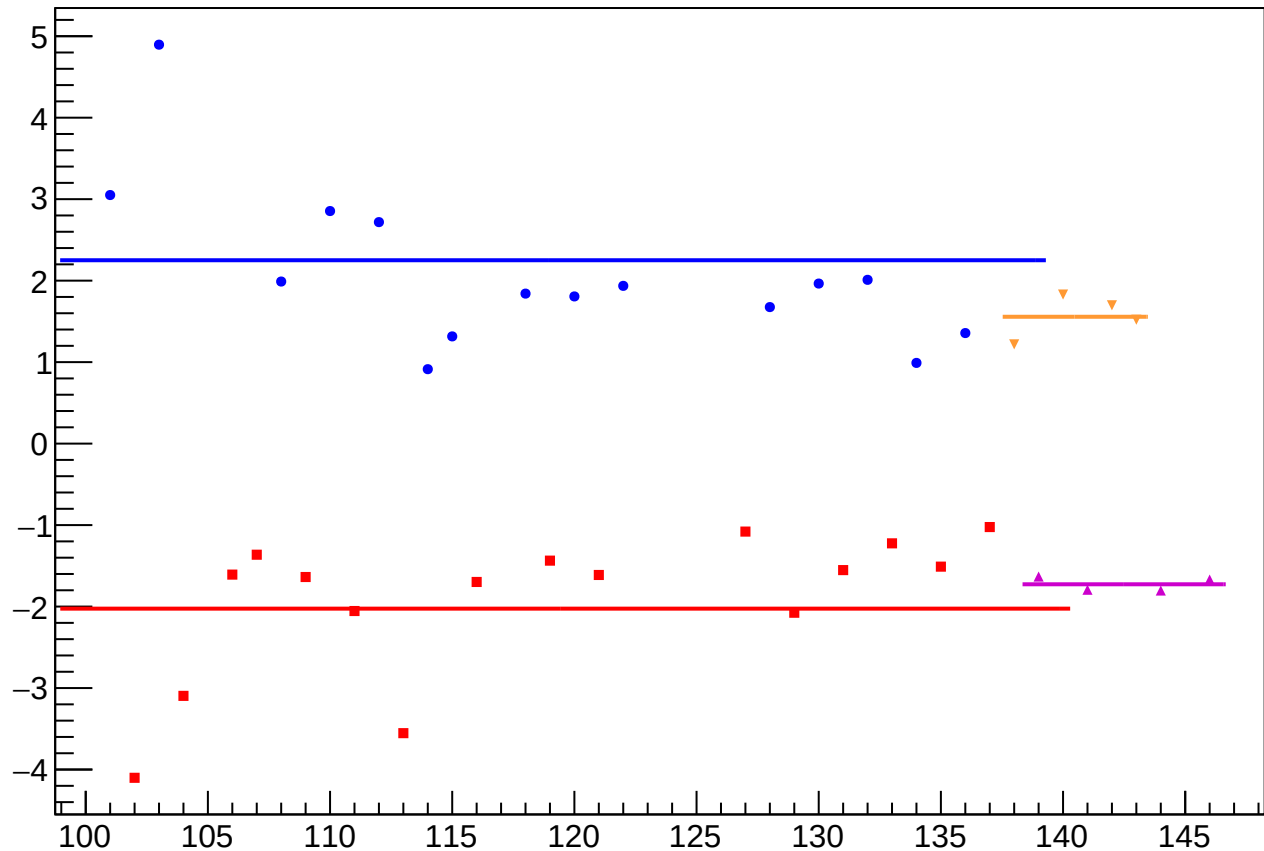
Right In: -8.139+/-0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -7.456+/-0.000 χ^2/NDF : 178236623379464889525930012180480.0/3

Right Out: 6.859+/-0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

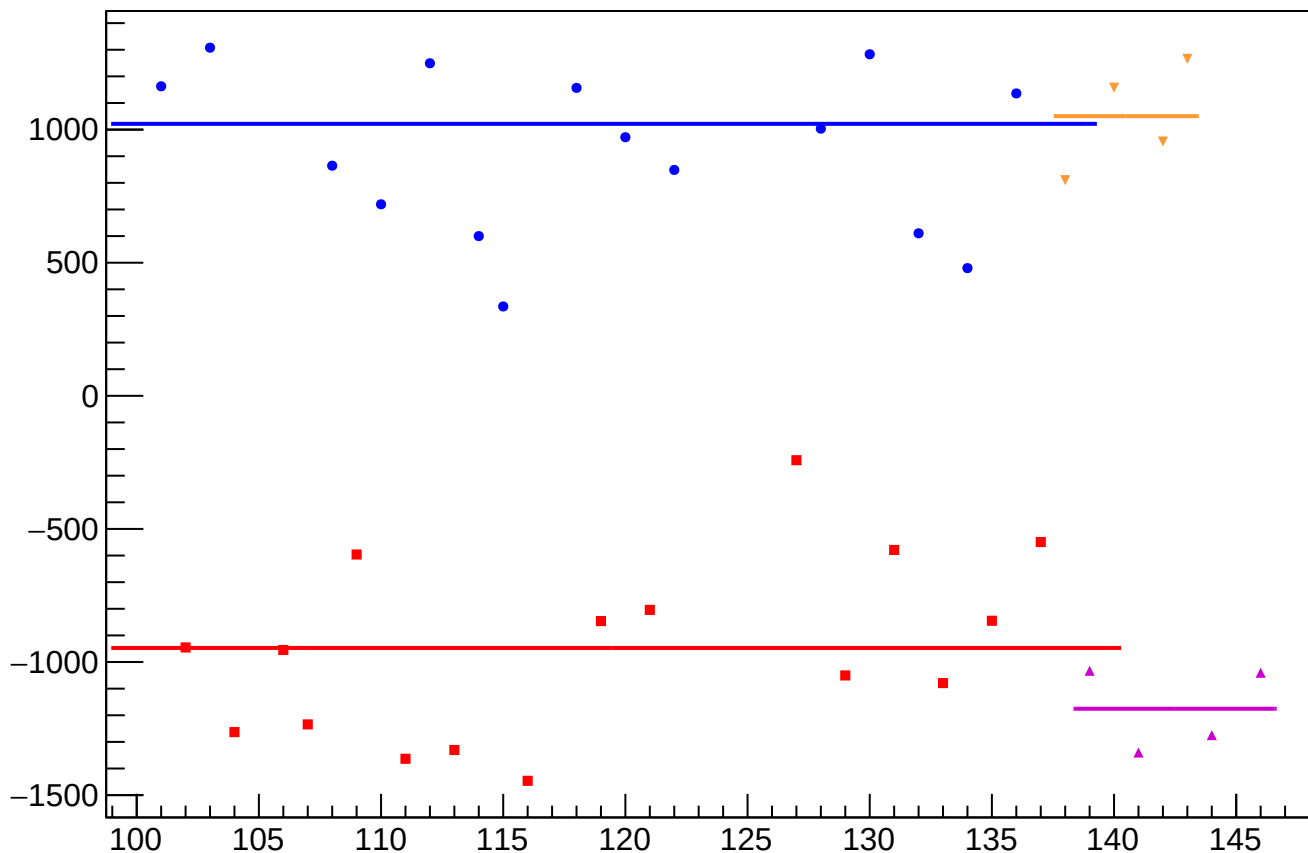
Left In: 5.574+/-0.000 χ^2/NDF : 2425881516440443180454577918967808.0/3

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14
 Left Out: 1.557+/-0.000 χ^2/NDF : 16047448936870534437773586202624.0/3
 Right Out: -2.025+/-0.000 χ^2/NDF : 578717441762956454616505599918080.0/15
 Left In: -1.726+/-0.000 χ^2/NDF : 1913924577893264607933844422656.0/3

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



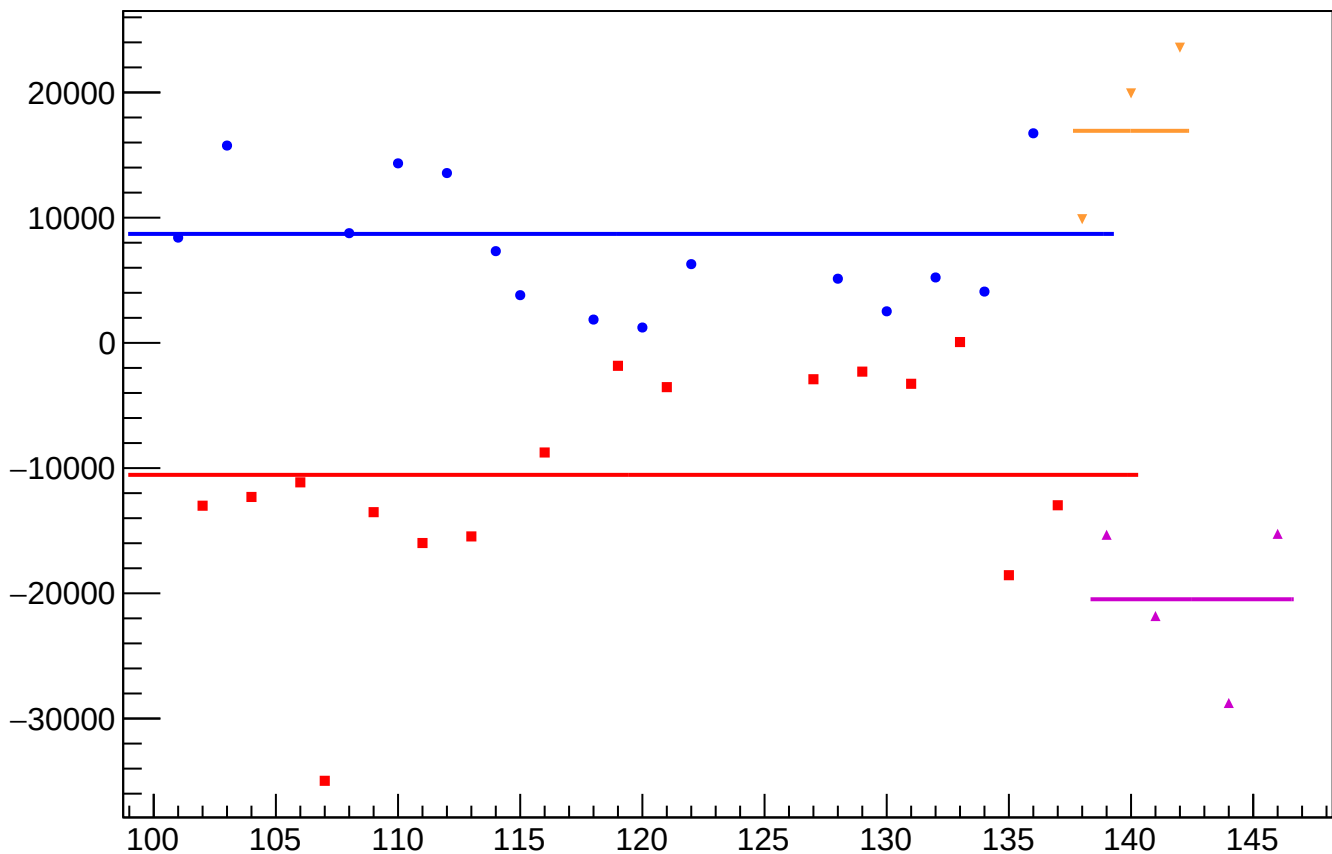
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

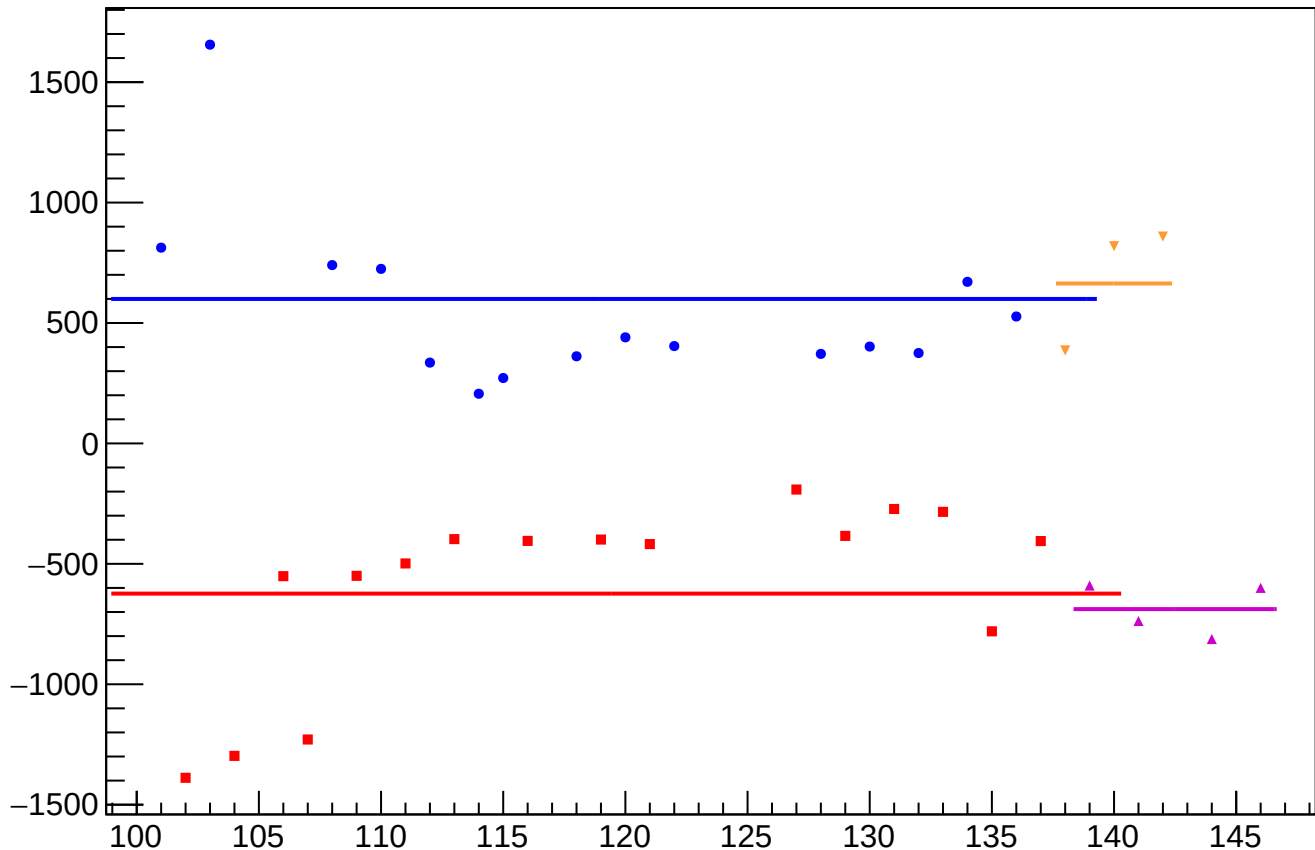
Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 8703.332 $\pm$ 0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 16936.177 $\pm$ 0.000 χ^2/NDF : 6646710921788244129422426256816969089024.0/2
 Right Out: -10539.327 $\pm$ 0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: -20474.743 $\pm$ 0.000 χ^2/NDF : 10673994843113895965350932707553088372736.0/3

dit_usl_coil7_err_mean vs Slug, Sign Corrected



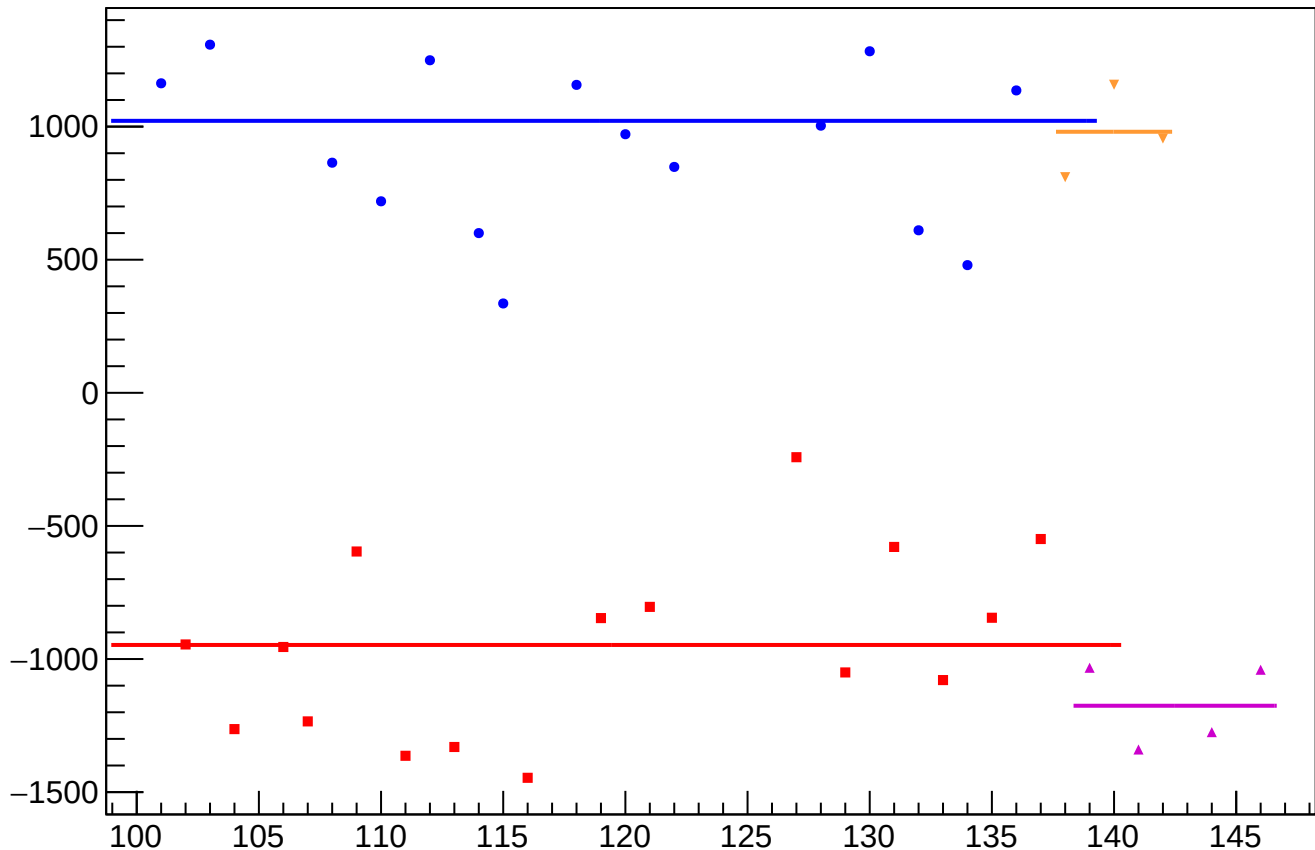
Right In: 599.849 +/- 0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 663.981 +/- 0.000 χ^2/NDF : 9734894599574410654576162279931248640.0/2

Right Out: -623.569 +/- 0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

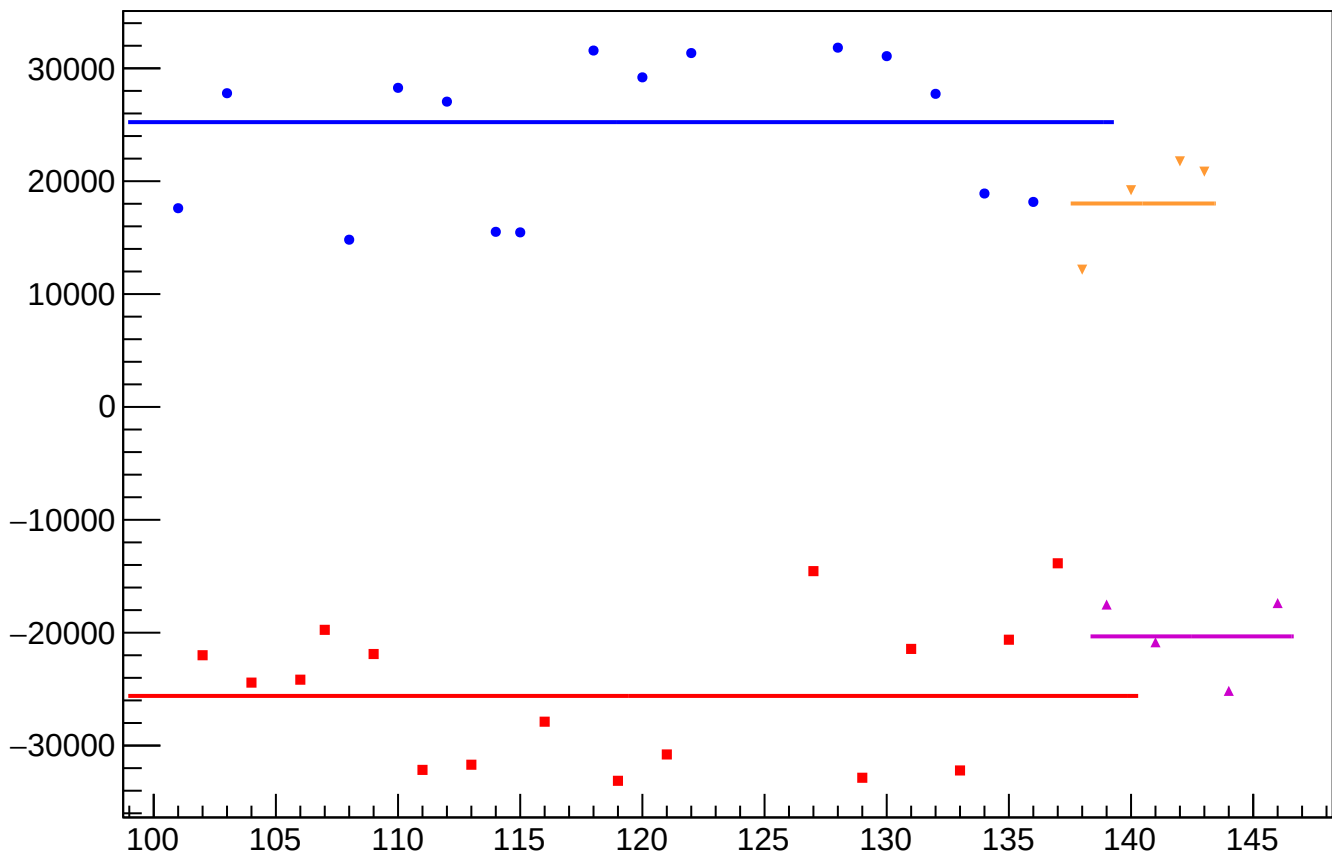
Left In: -687.934 +/- 0.000 χ^2/NDF : 3003934531477629677262360708487577600.0/3

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



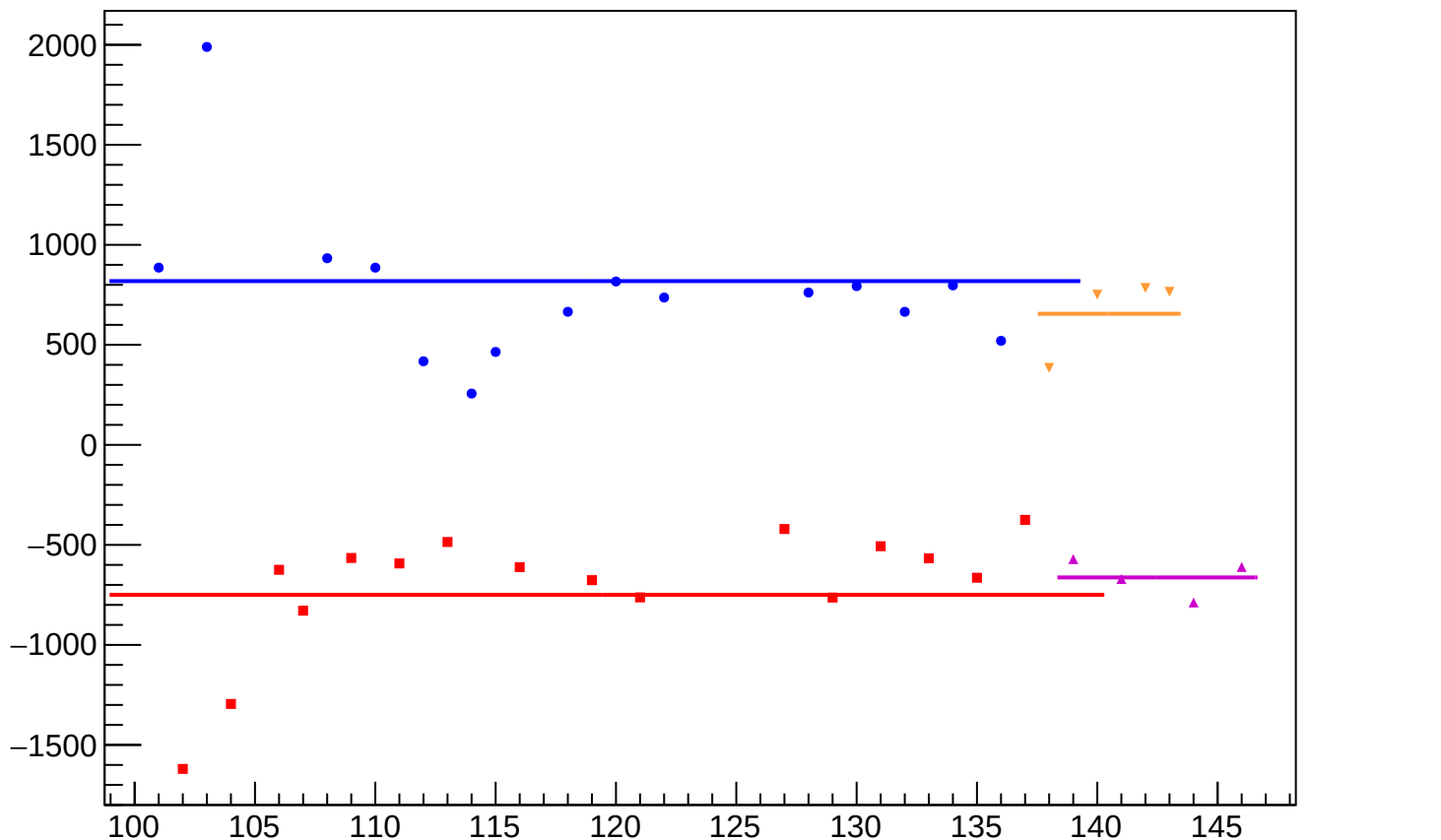
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2
 Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_usr_coil7_mean vs Slug, Sign Corrected



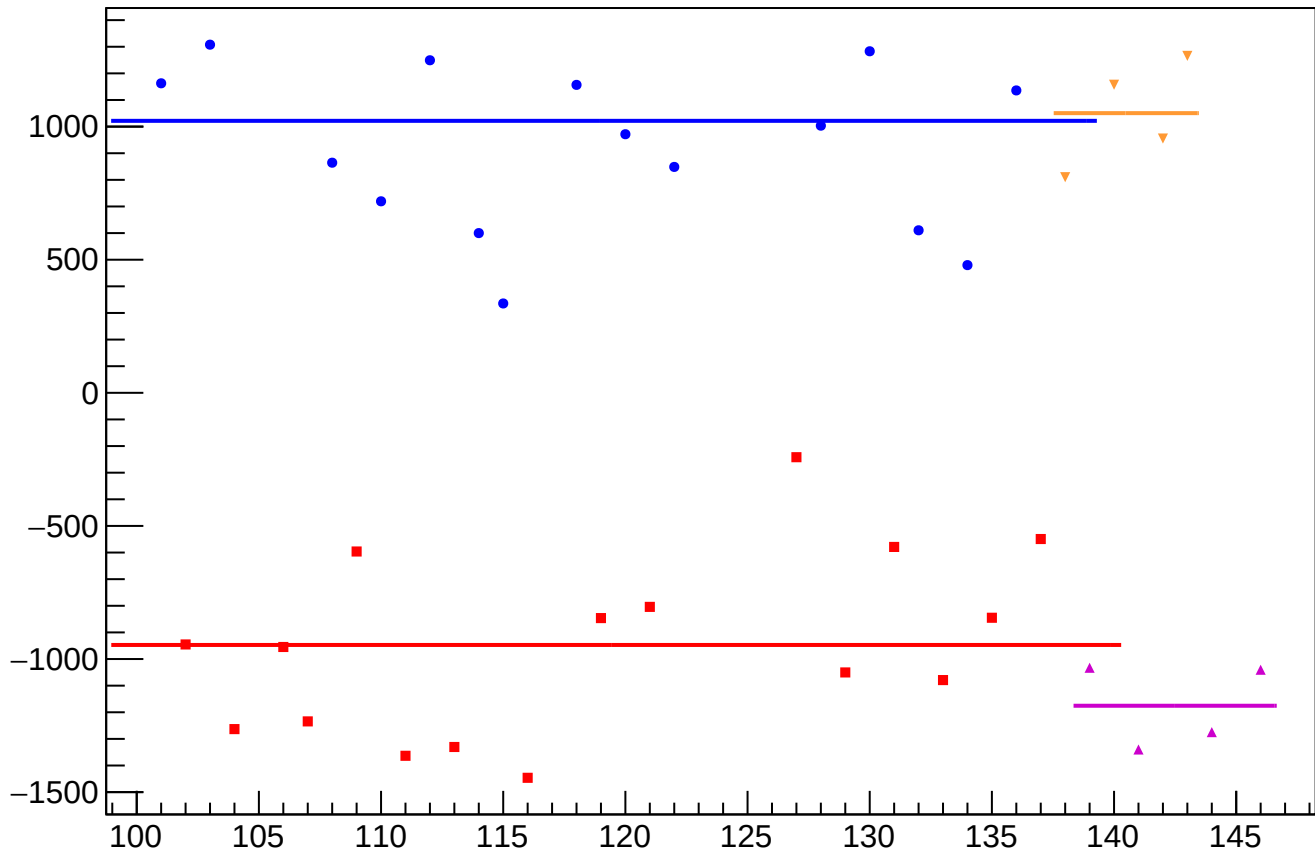
Right In: 25232.229 +/- 0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 18024.077 +/- 0.000 χ^2/NDF : 3968443192307123475591230272815784525824.0/3
 Right Out: -25601.388 +/- 0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: -20327.221 +/- 0.000 χ^2/NDF : 3464130717094535629752626872769411284992.0/3

dit_usr_coil7_err_mean vs Slug, Sign Corrected



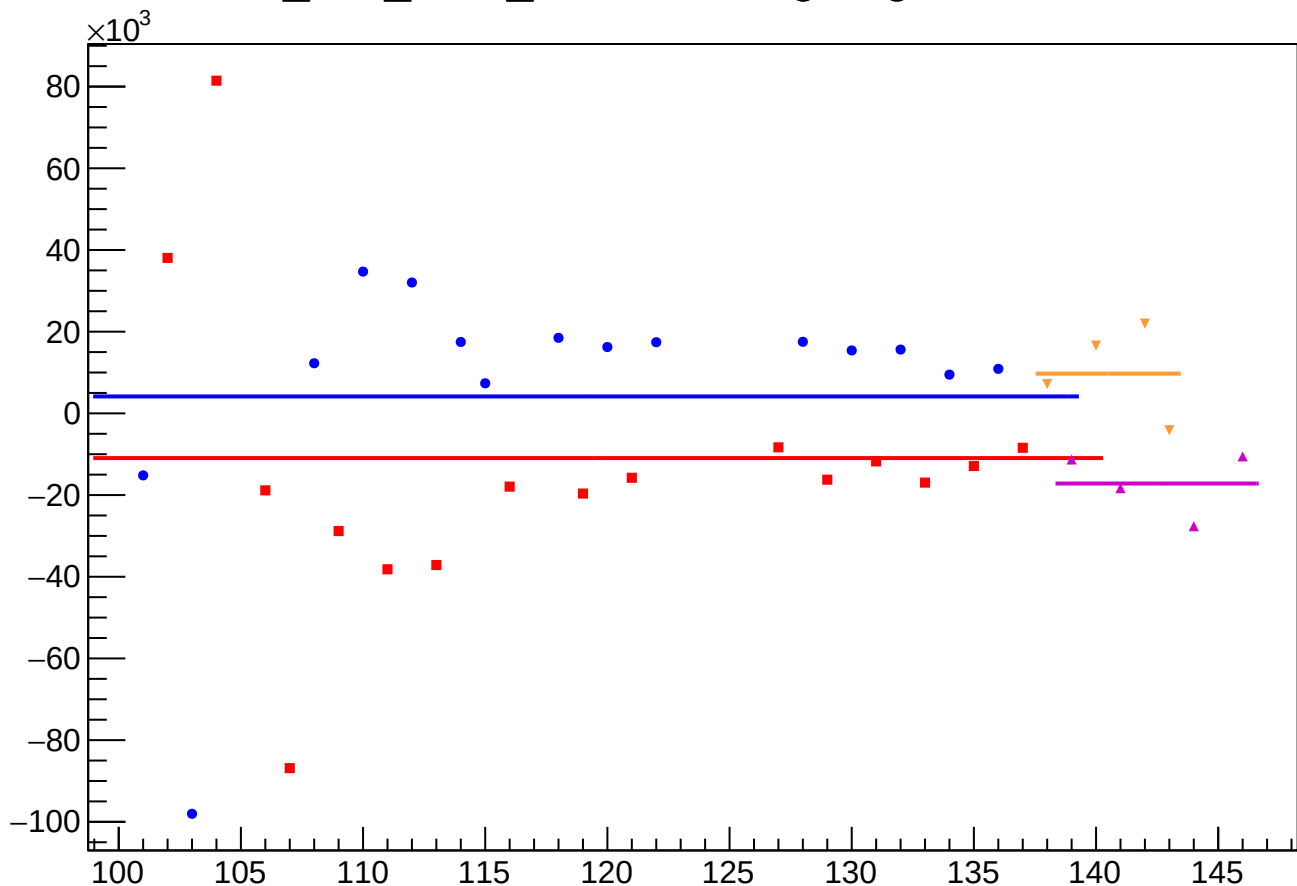
Right In: 818.668 +/- 0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14
 Left Out: 655.329 +/- 0.000 χ^2/NDF : 8036674160010598780318375042869100544.0/3
 Right Out: -749.661 +/- 0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15
 Left In: -662.771 +/- 0.000 χ^2/NDF : 2308725724070213192726240447451627520.0/3

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



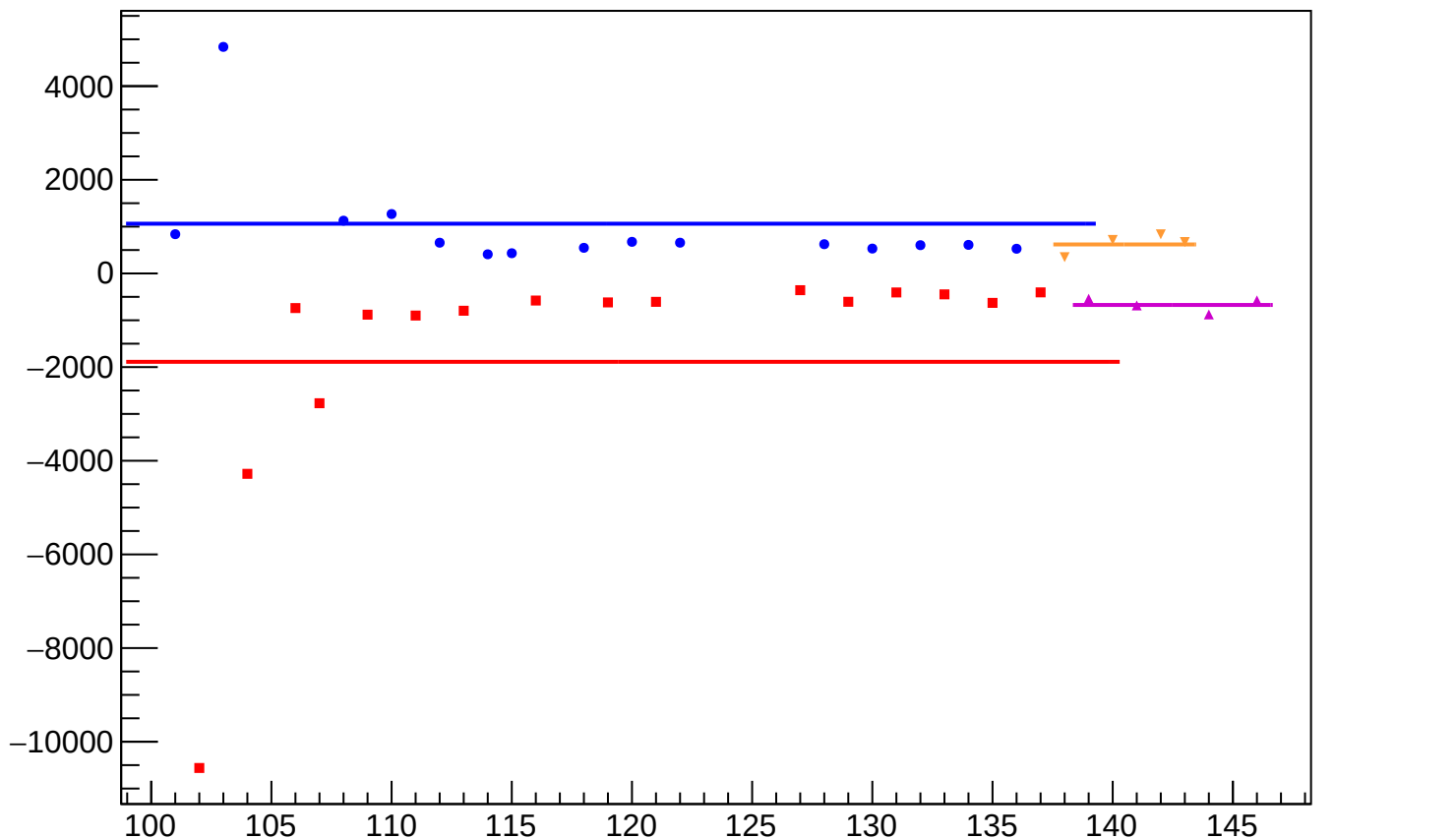
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1050.608 ± 0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3
 Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: -1175.482 ± 0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_atl1_coil7_mean vs Slug, Sign Corrected



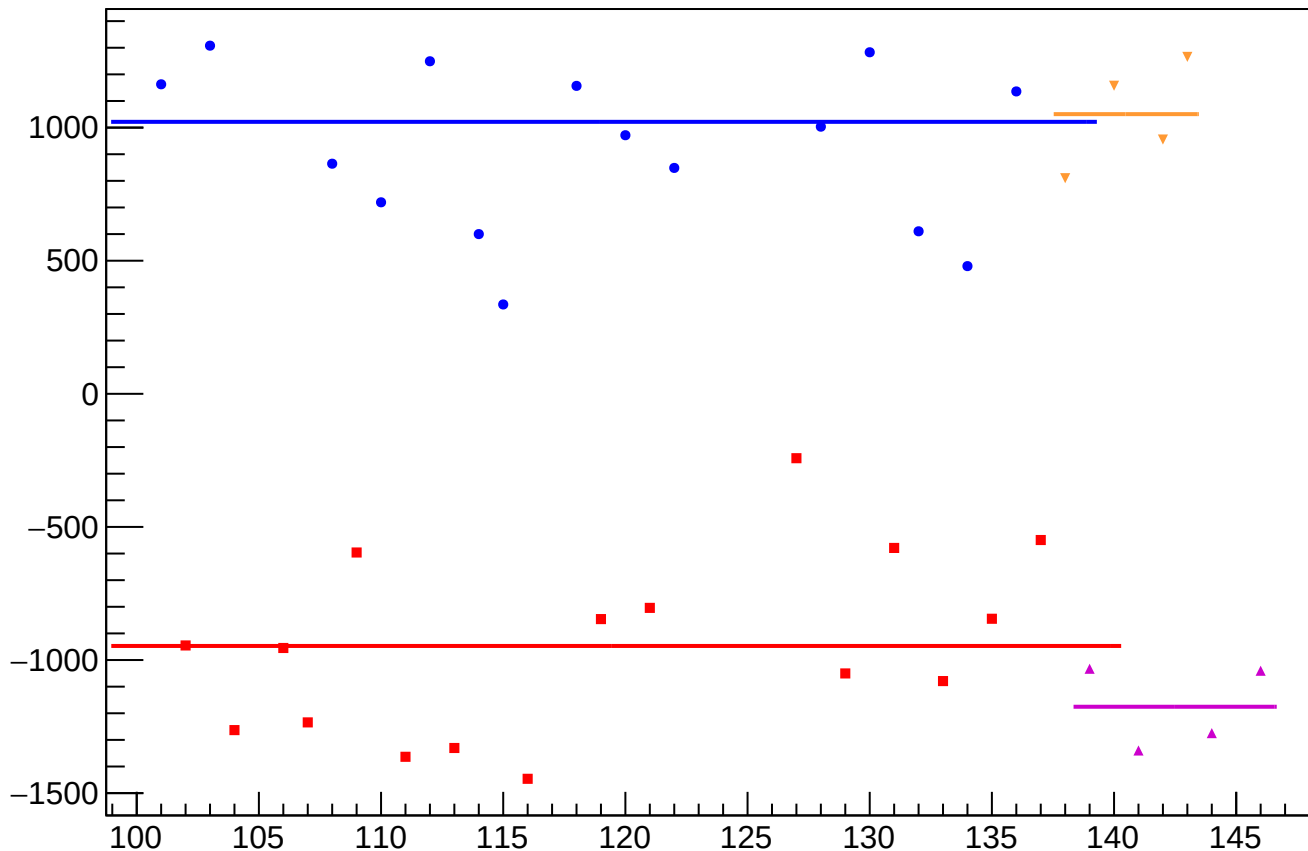
Right In: 4145.268+/-0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 9726.604+/-0.000 χ^2/NDF : 24142283690554368293785379579932109176832.0/3
 Right Out: -10948.073+/-0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: -17172.808+/-0.000 χ^2/NDF : 16316224083410241405018270326625241399296.0/3

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 1062.141 ± 0.000 $\chi^2/\text{NDF}: 952806231926530012715872184655778152448.0/14$
 Left Out: 619.489 ± 0.000 $\chi^2/\text{NDF}: 8857266522236069667520106331279196160.0/3$
 Right Out: -1887.077 ± 0.000 $\chi^2/\text{NDF}: 5525872718363845620366029387569058283520.0/15$
 Left In: -672.947 ± 0.000 $\chi^2/\text{NDF}: 5853581171404083911446709111036575744.0/3$

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



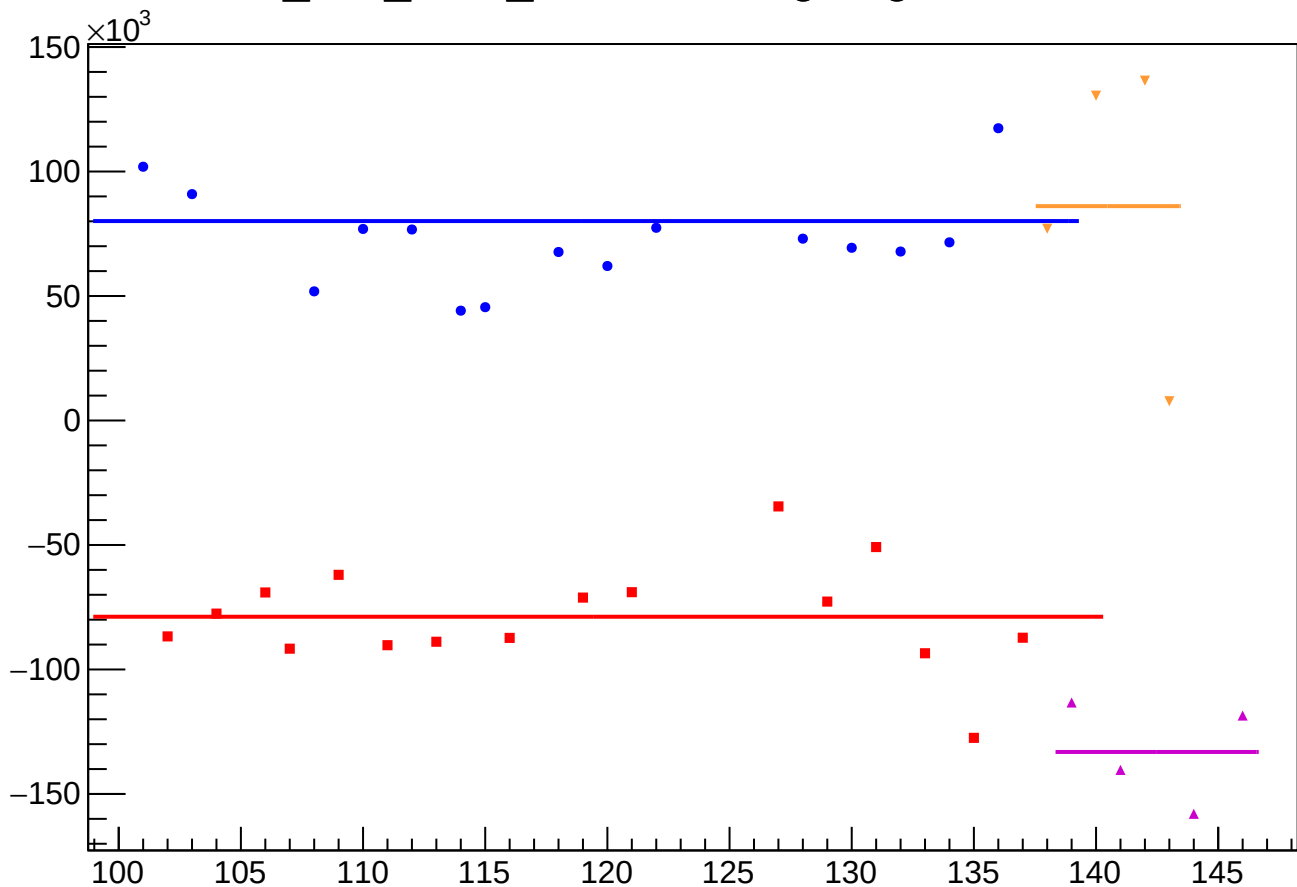
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

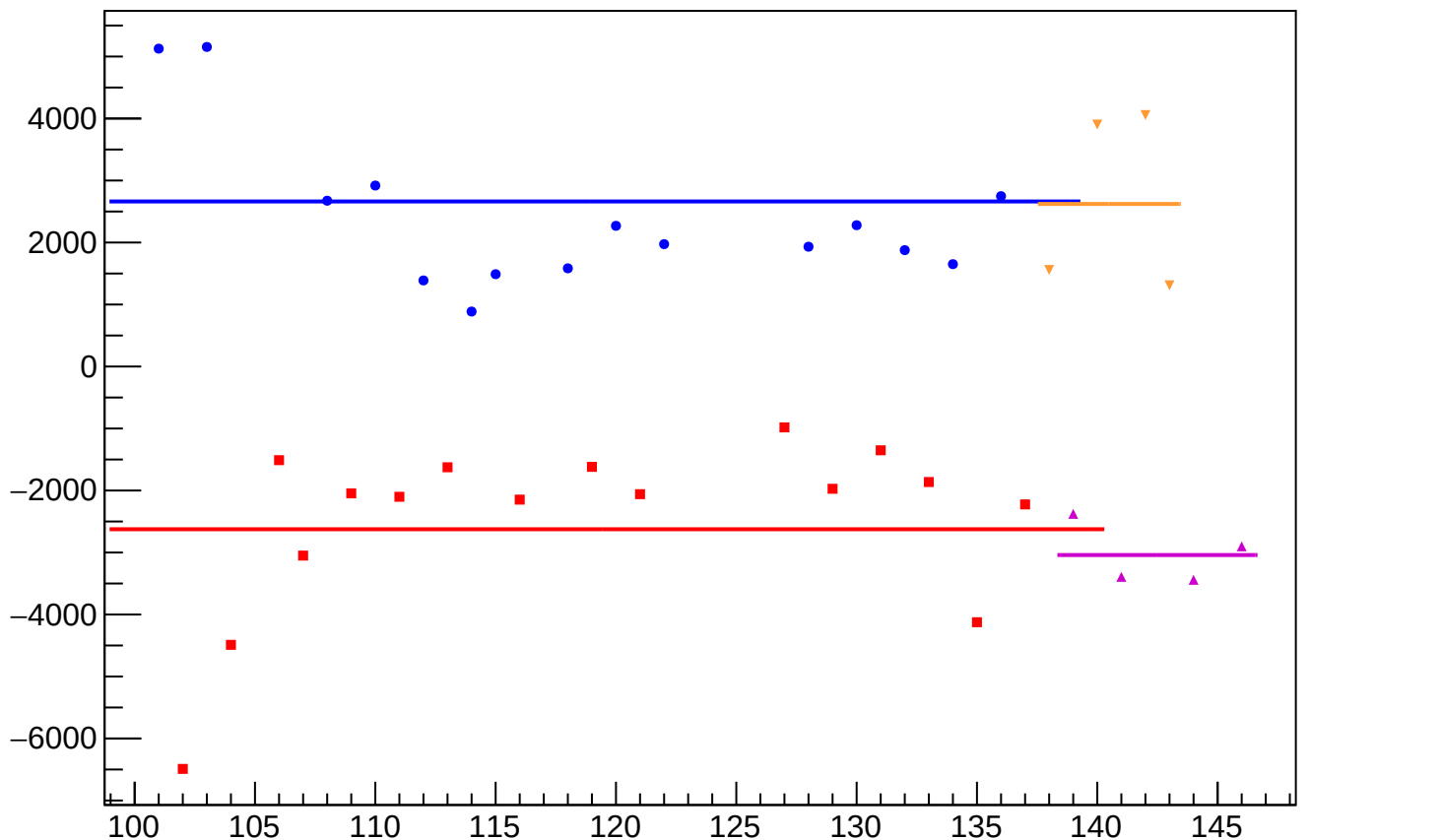
Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_atl2_coil7_mean vs Slug, Sign Corrected



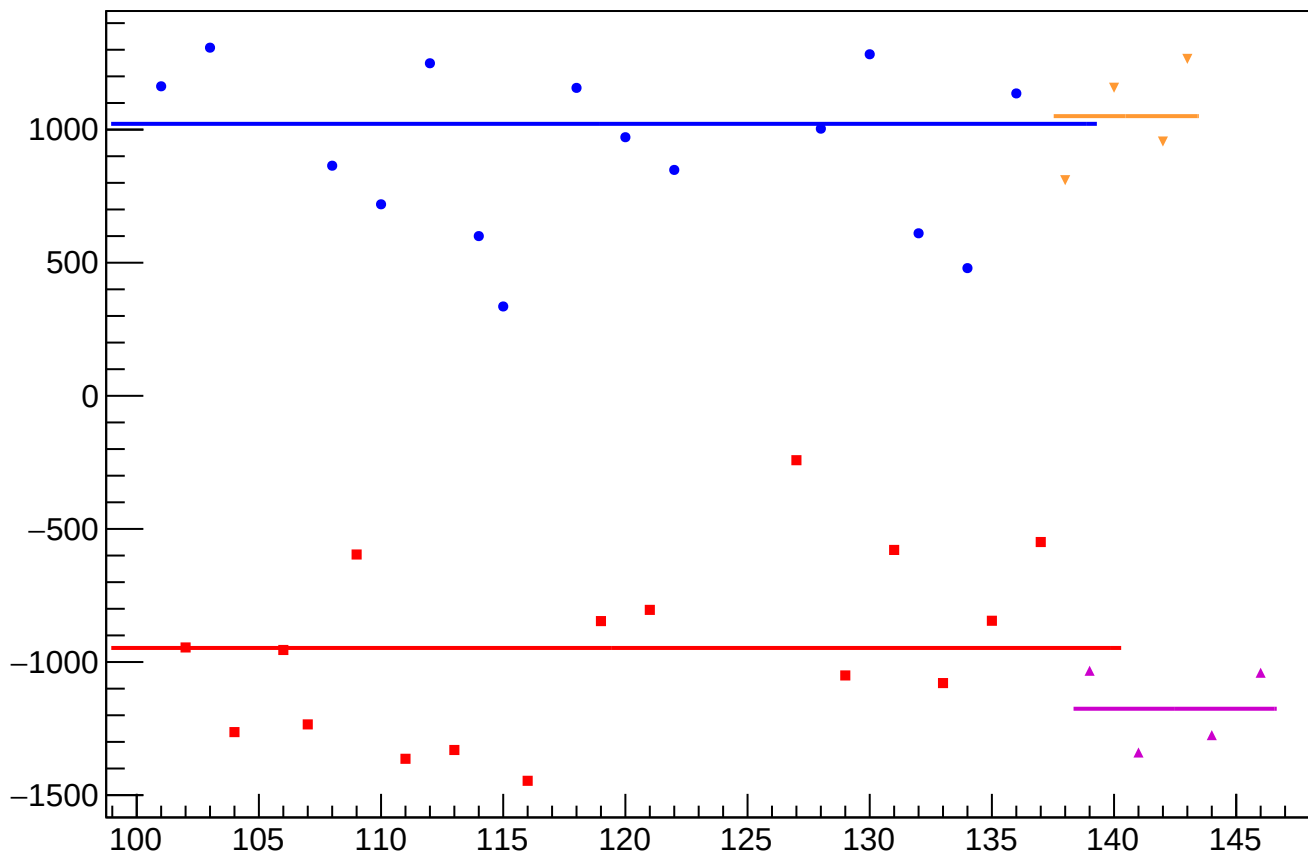
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 86093.406 $\pm$ 0.000 χ^2 /NDF: 696130322289822559884388419608648876032000.0/3
 Right Out: -78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: -133130.524 $\pm$ 0.000 χ^2 /NDF: 109058240209073738531493020807653383733248.0/3

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 2621.997+/-0.000 χ^2/NDF : 432932866528146477456999723616914374656.0/3
 Right Out: -2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: -3040.922+/-0.000 χ^2/NDF : 62049981843286240644980547850267000832.0/3

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



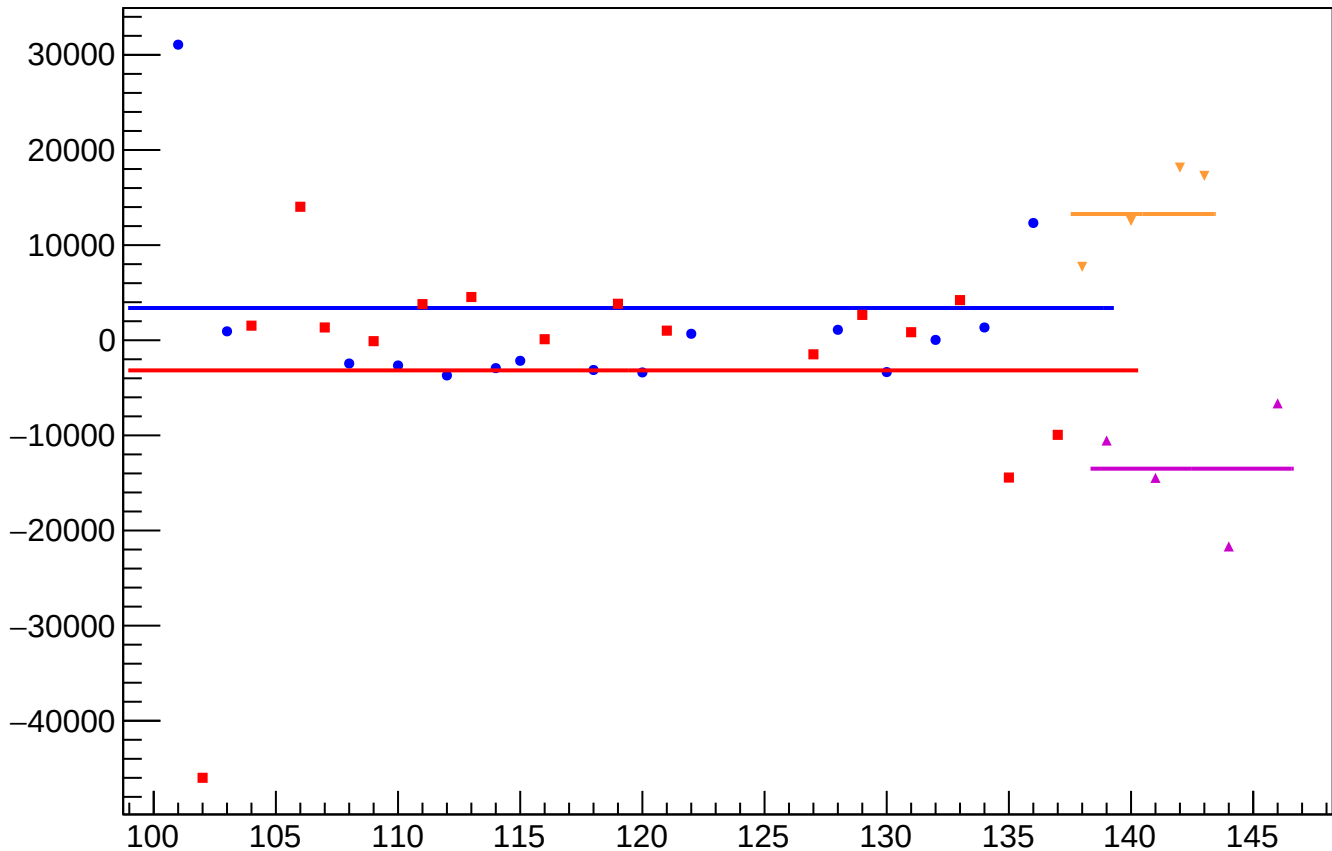
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

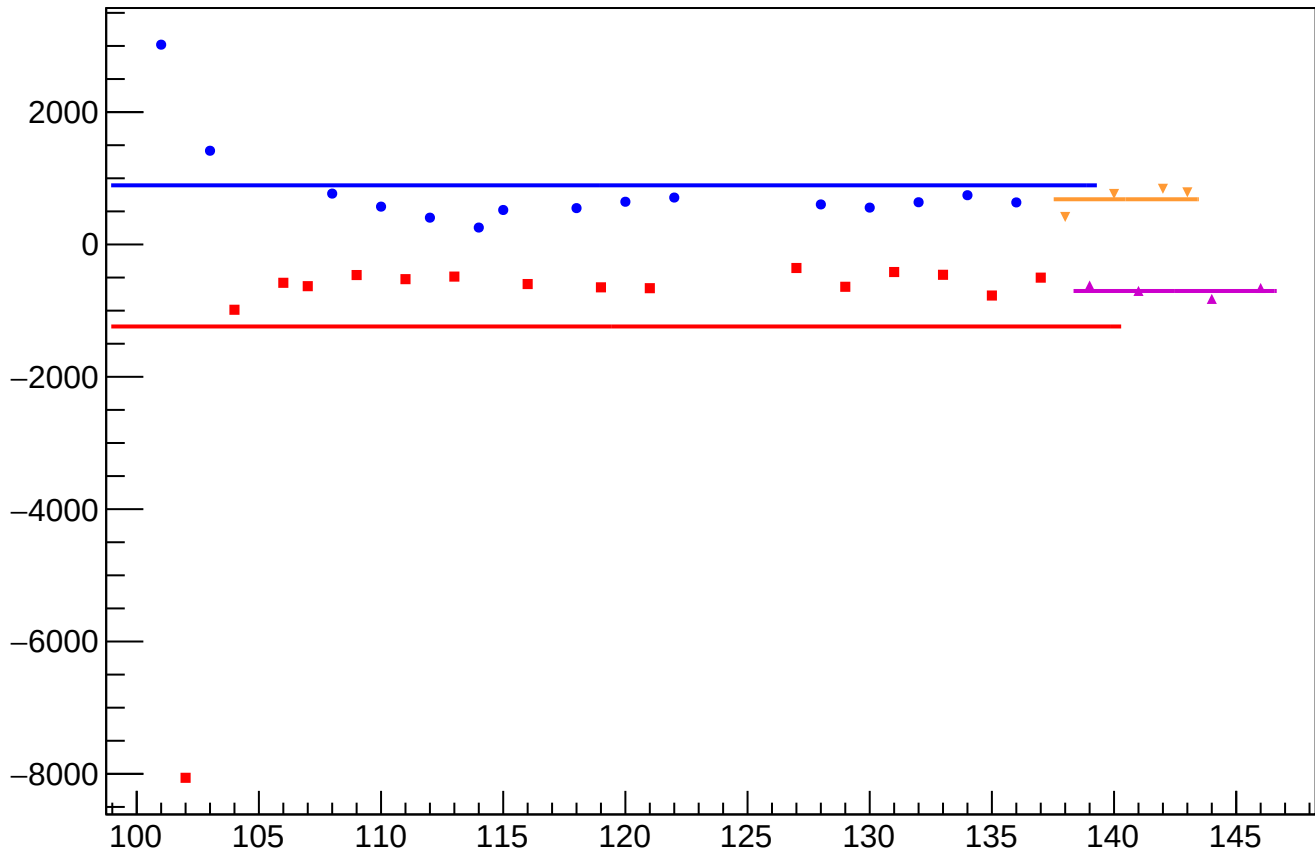
Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 3390.550 ± 0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 13271.348 ± 0.000 χ^2/NDF : 4620842486349904588705342150711424581632.0/3
 Right Out: -3167.396 ± 0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: -13499.928 ± 0.000 χ^2/NDF : 10653376191380315059113741534854968770560.0/3

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



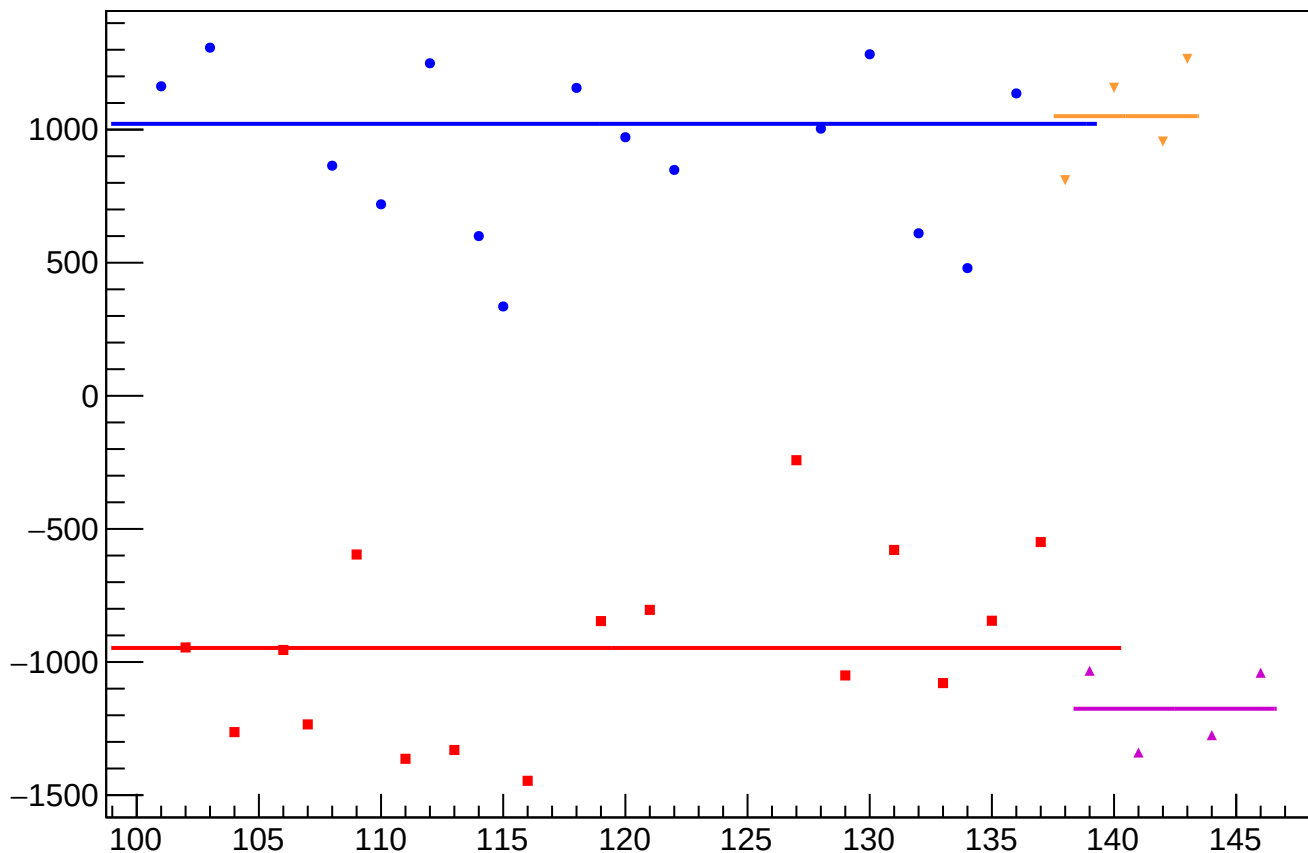
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 683.039+/-0.000 χ^2/NDF : 7985056793554891495760411111039434752.0/3

Right Out: -1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

Left In: -702.984+/-0.000 χ^2/NDF : 2004518702340308392190635474889474048.0/3

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



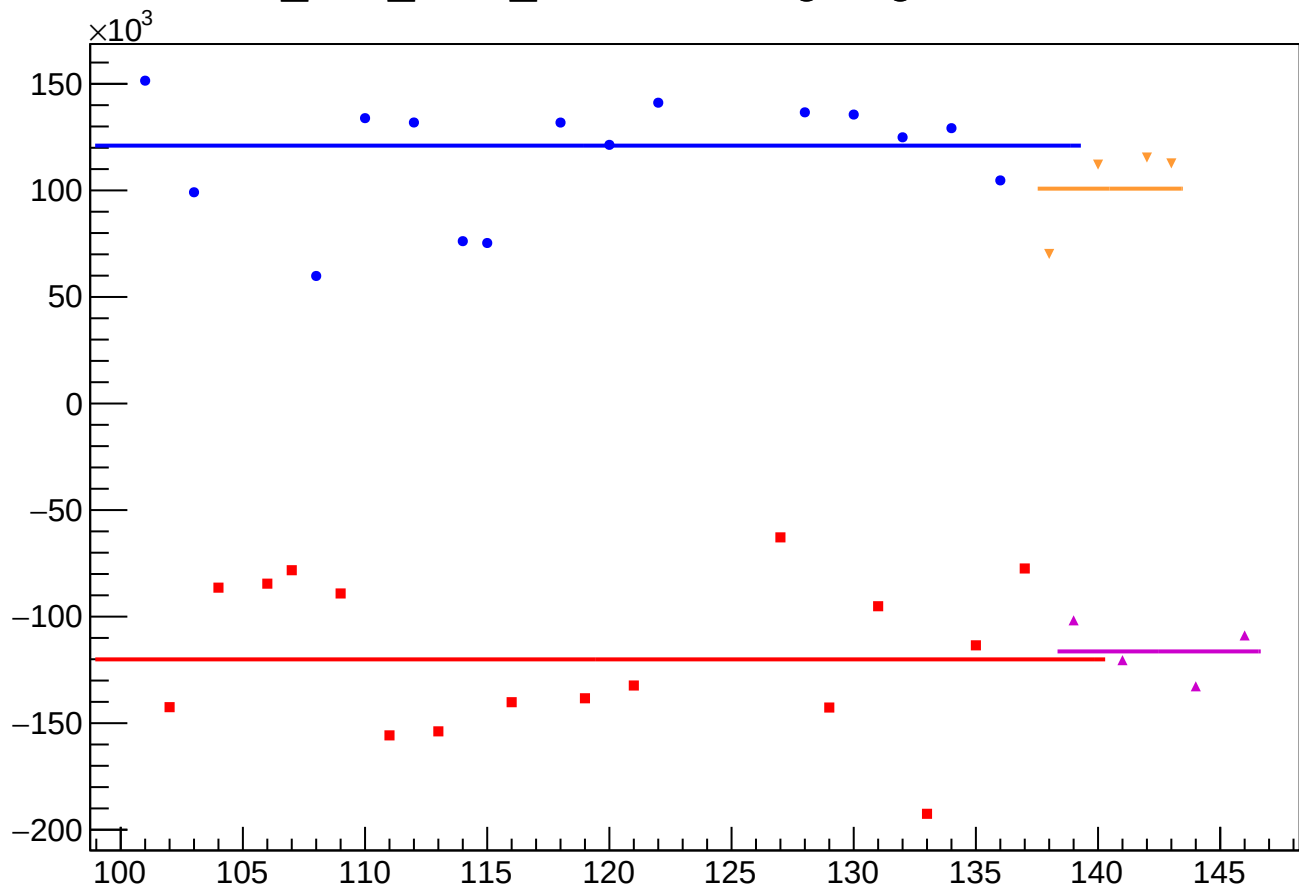
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608 ± 0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

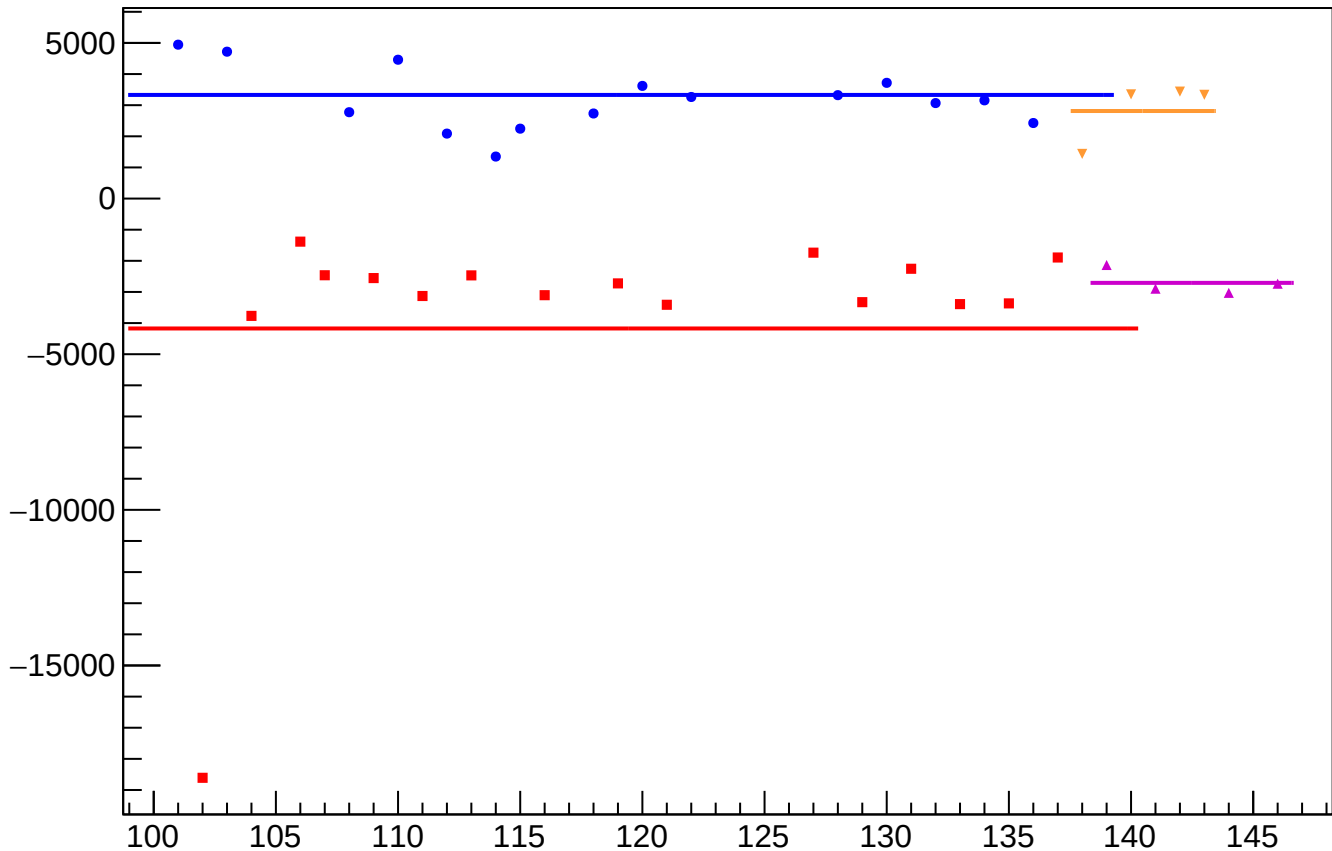
Left In: -1175.482 ± 0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_atr2_coil7_mean vs Slug, Sign Corrected



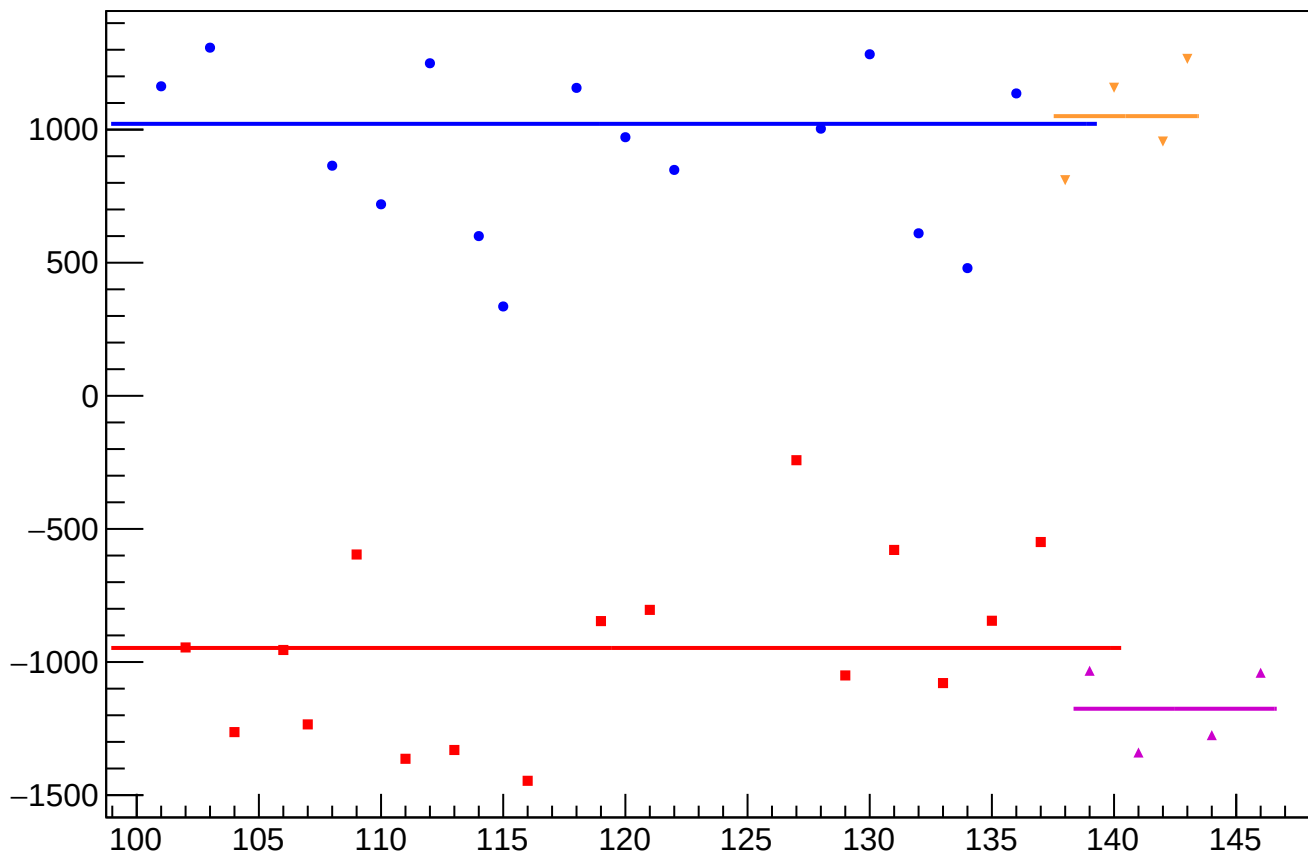
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 100827.316 $\pm$ 0.000 χ^2 /NDF: 102892269965422467105383671872969190146048.0/3
 Right Out: -120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: -116328.061 $\pm$ 0.000 χ^2 /NDF: 47192721591620891263505790217143309041664.0/3

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2812.743 $\pm$ 0.000 χ^2 /NDF: 207546064680596096552343931173512151040.0/3
 Right Out: -4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: -2708.335 $\pm$ 0.000 χ^2 /NDF: 38886523694886465660942011355241644032.0/3

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



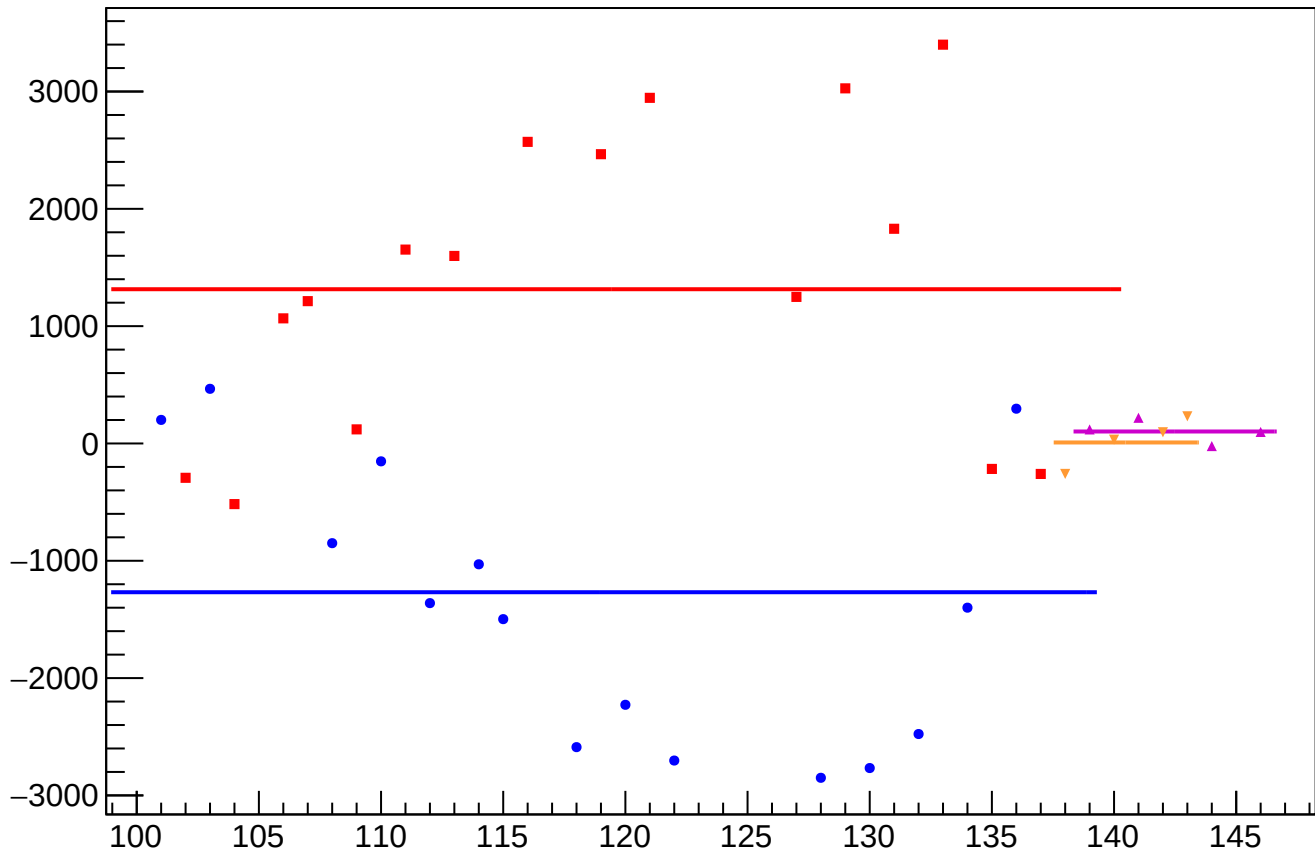
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_sam1_coil7_mean vs Slug, Sign Corrected



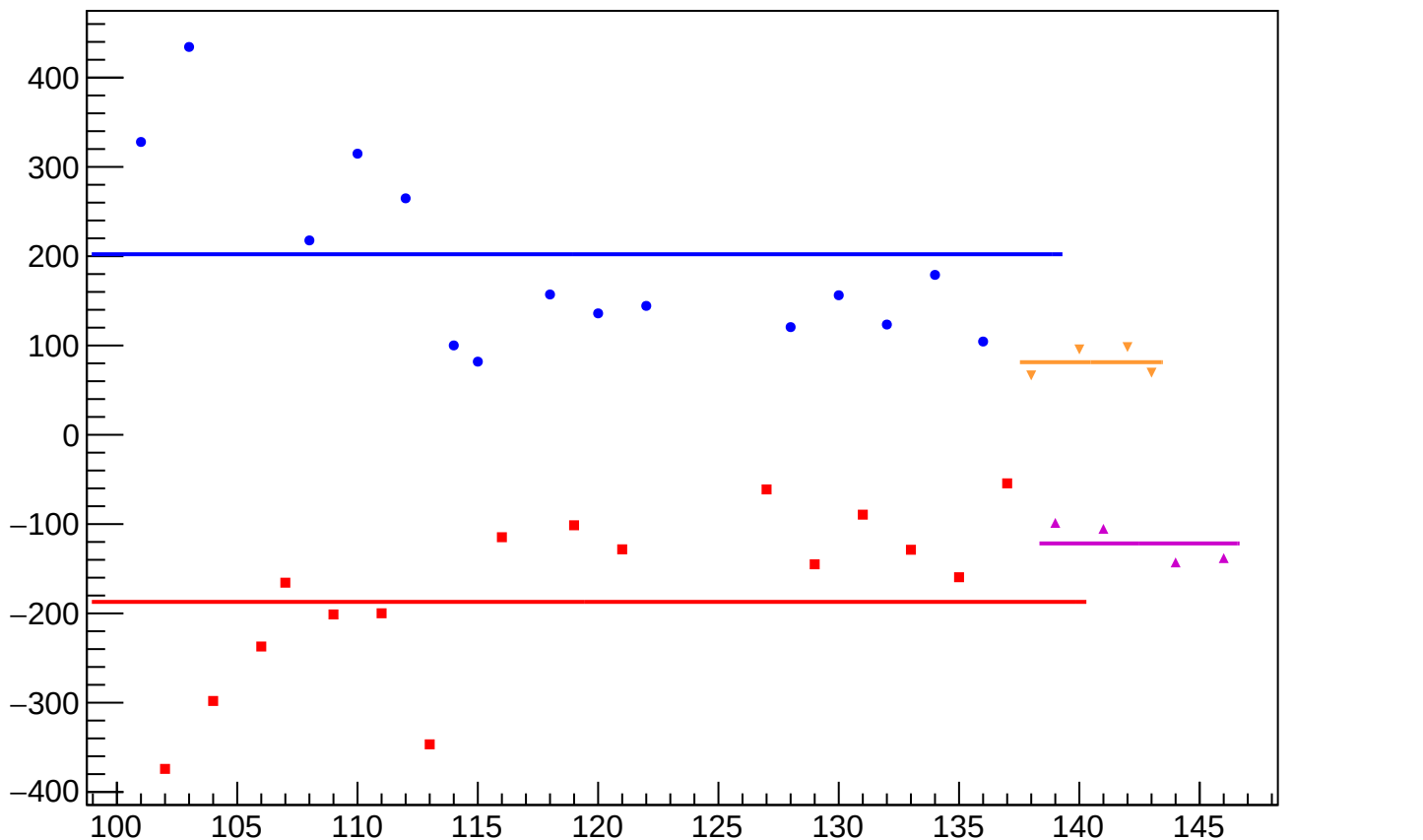
Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: 8.471+/-0.000 χ^2/NDF : 9329094644374731823430516663346266112.0/3

Right Out: 1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

Left In: 102.032+/-0.000 χ^2/NDF : 2563458602788665029488202700942213120.0/3

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



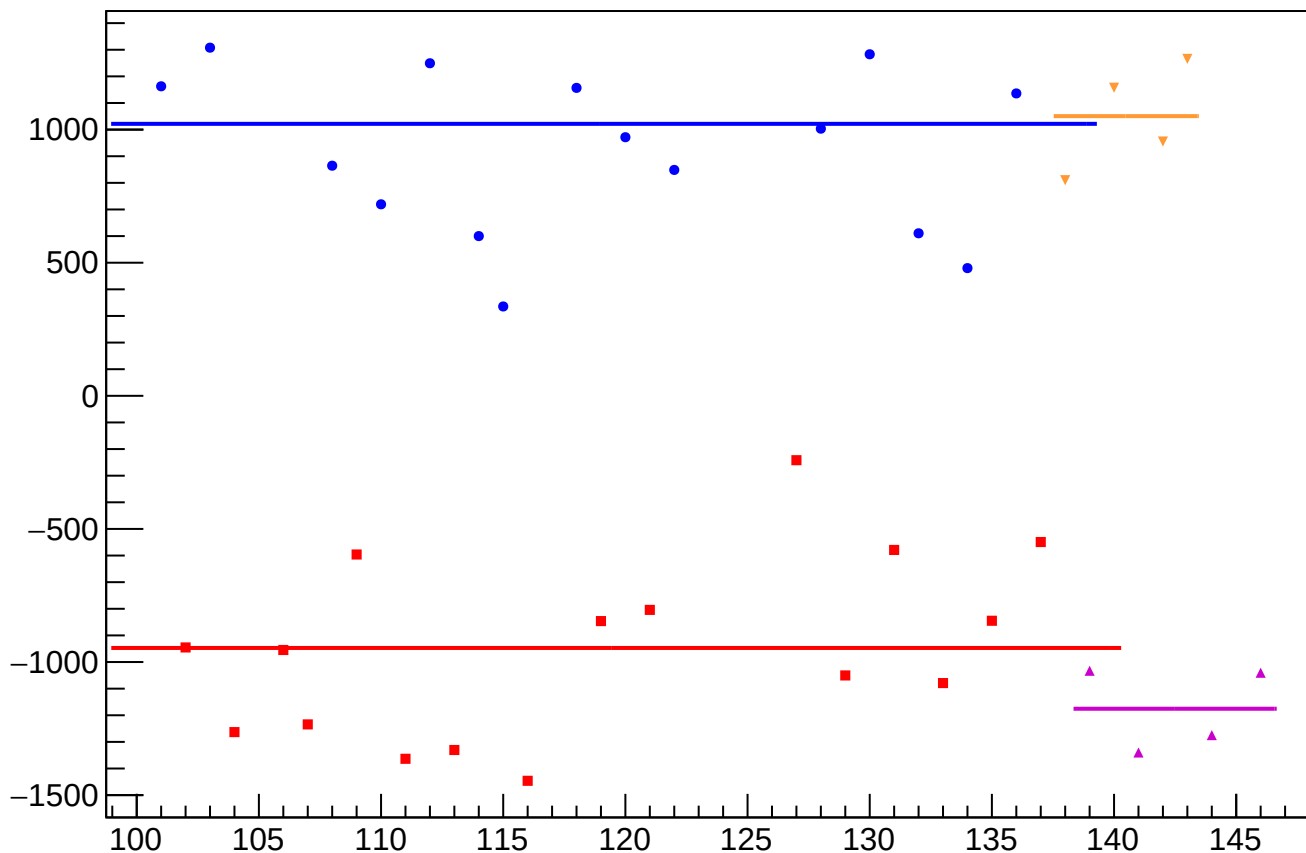
Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 81.320+/-0.000 χ^2/NDF : 56198134481675652395021530640154624.0/3

Right Out: -187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

Left In: -121.651+/-0.000 χ^2/NDF : 128055271057045049070219342175535104.0/3

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



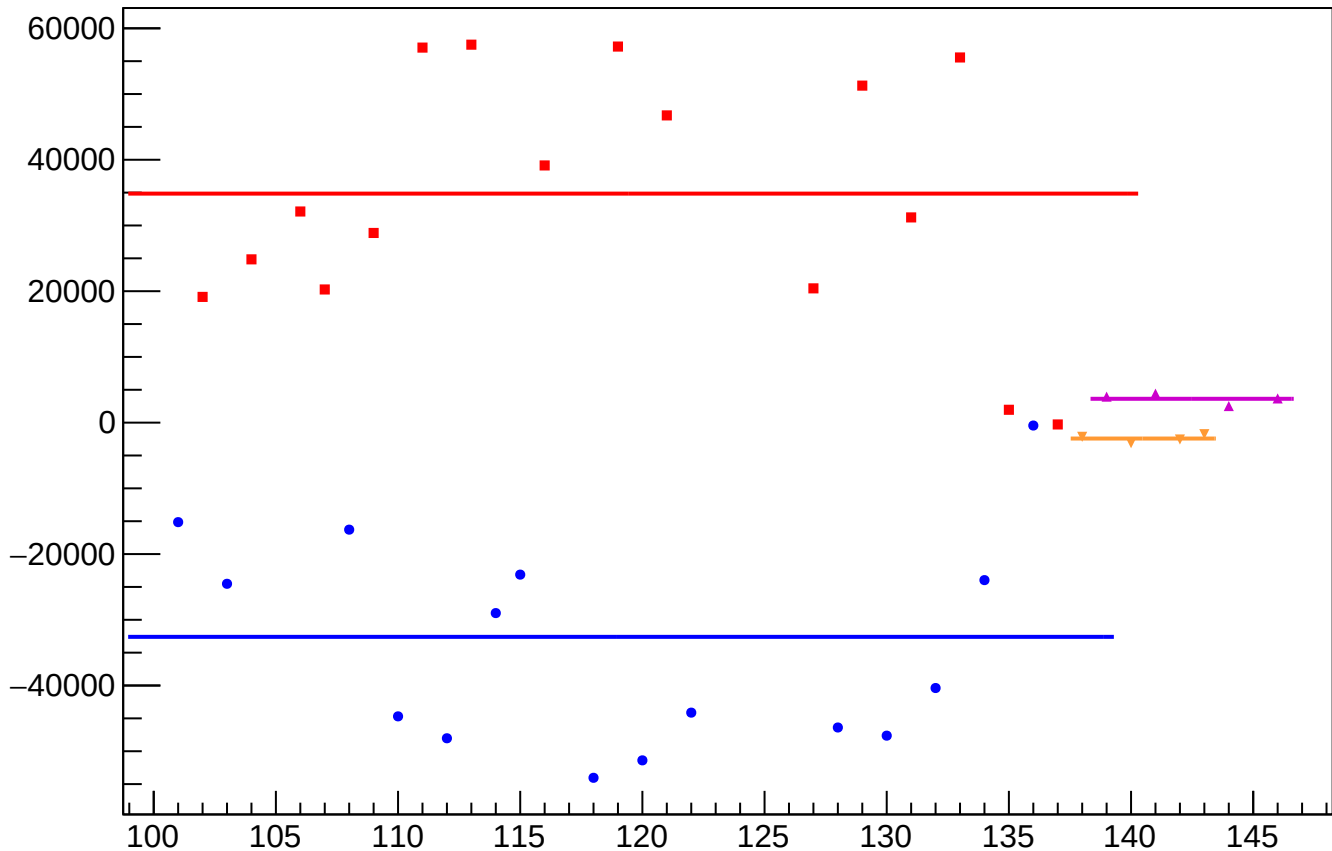
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

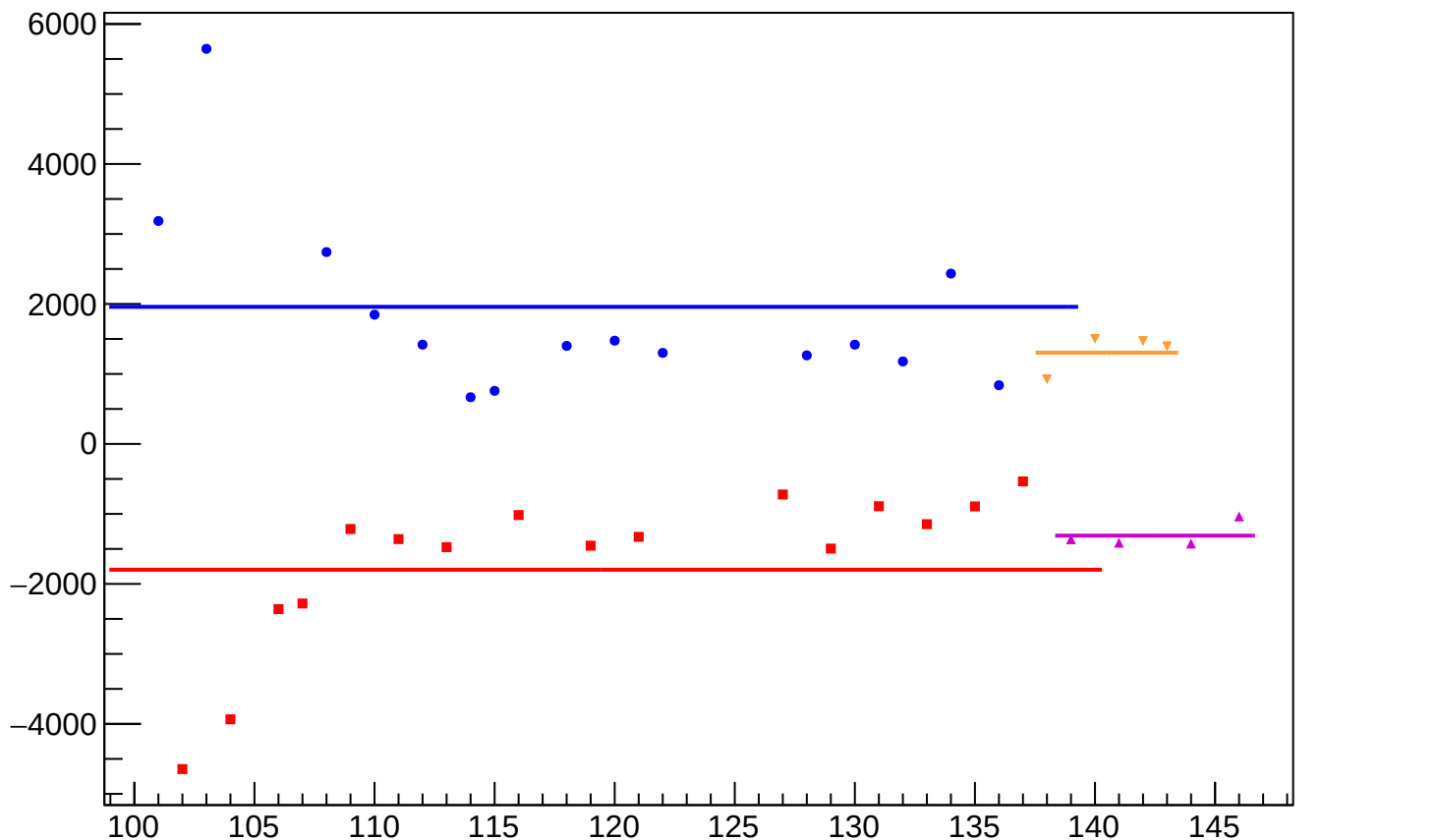
Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_sam2_coil7_mean vs Slug, Sign Corrected



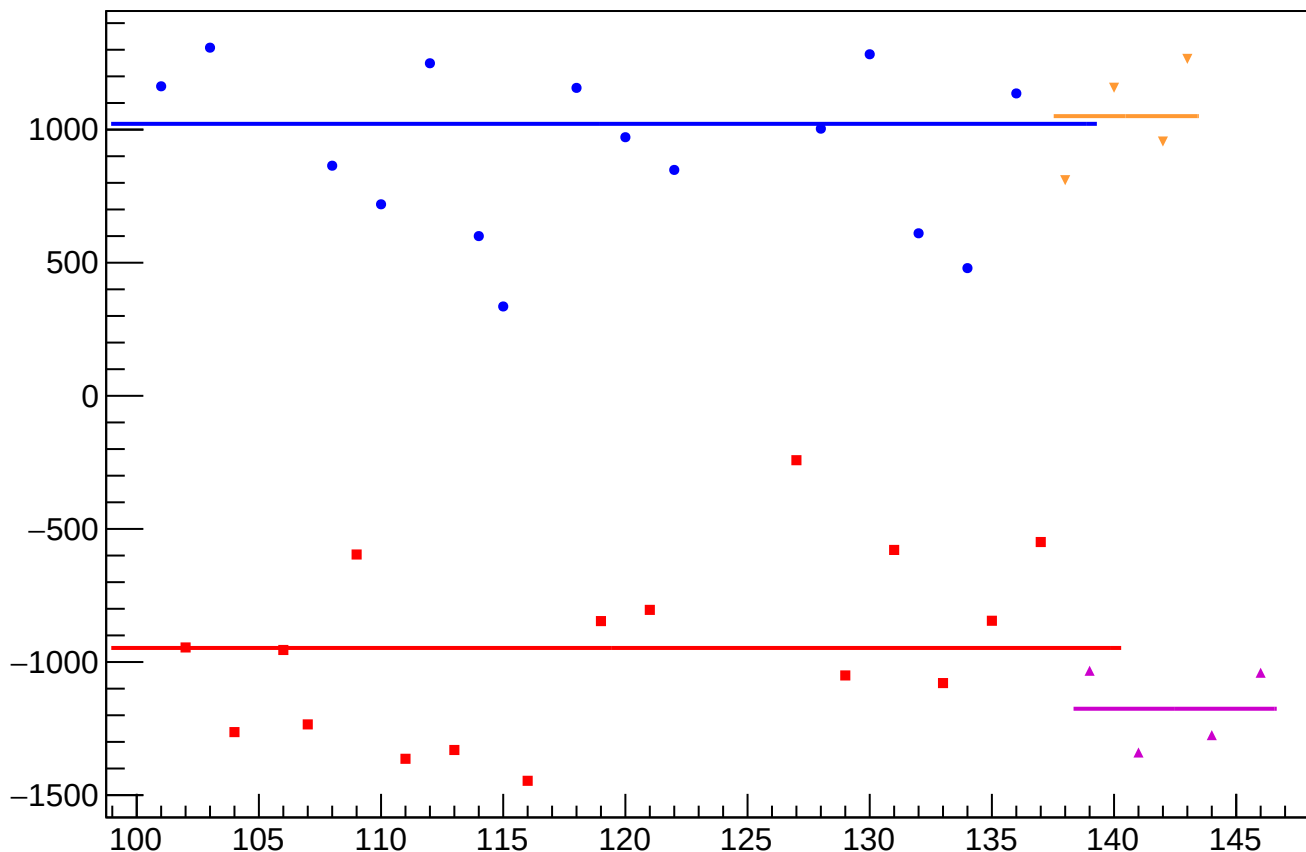
Right In: -32594.962 +/- 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -2419.815 +/- 0.000 χ^2/NDF : 77047920832399818808714482354095128576.0/3
 Right Out: 34848.046 +/- 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: 3627.181 +/- 0.000 χ^2/NDF : 169964504905638567531324787137682866176.0/3

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 1958.835 +/- 0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1304.247 +/- 0.000 χ^2/NDF : 16252583239936659242309227537871405056.0/3
 Right Out: -1797.392 +/- 0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: -1310.424 +/- 0.000 χ^2/NDF : 8450991204366017501874470317256081408.0/3

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



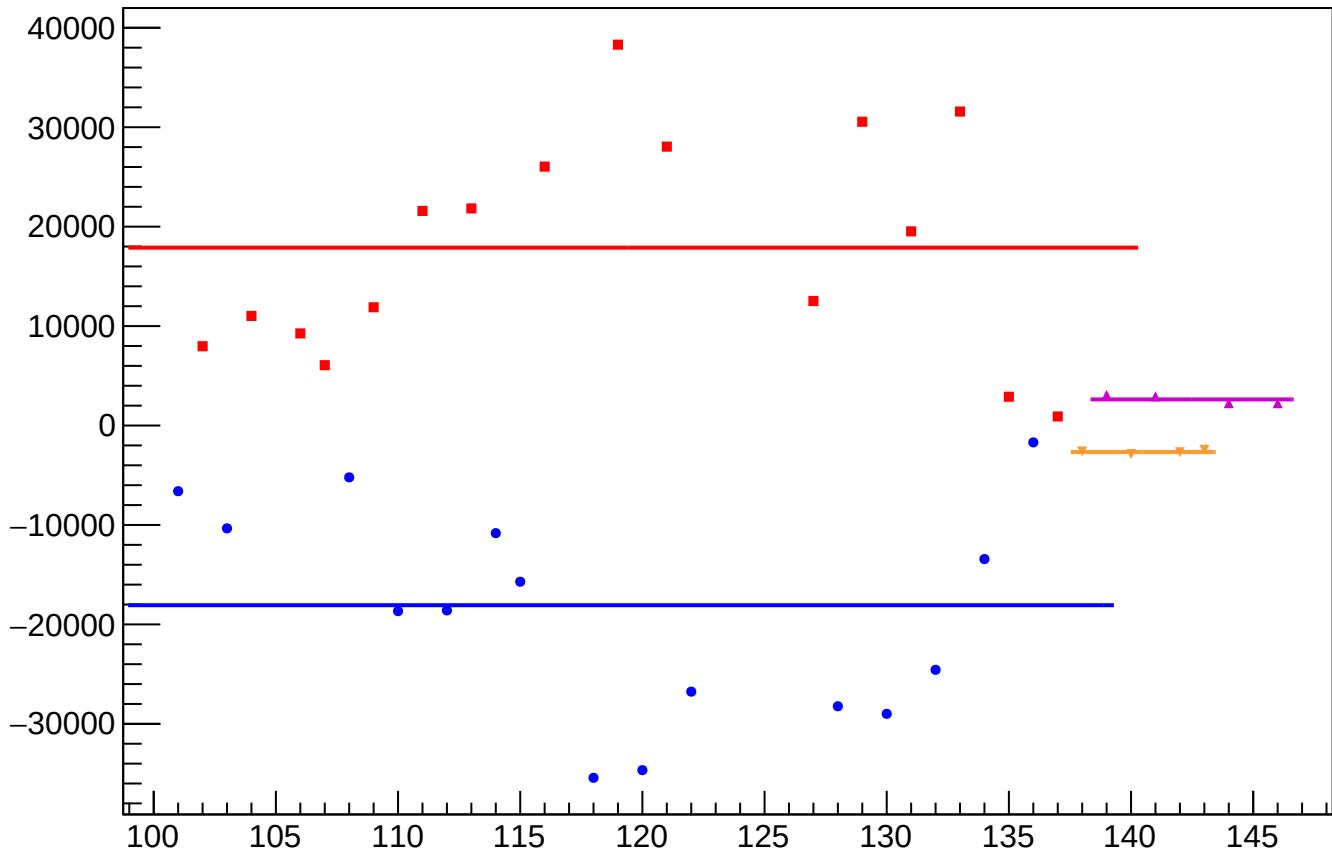
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608 ± 0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

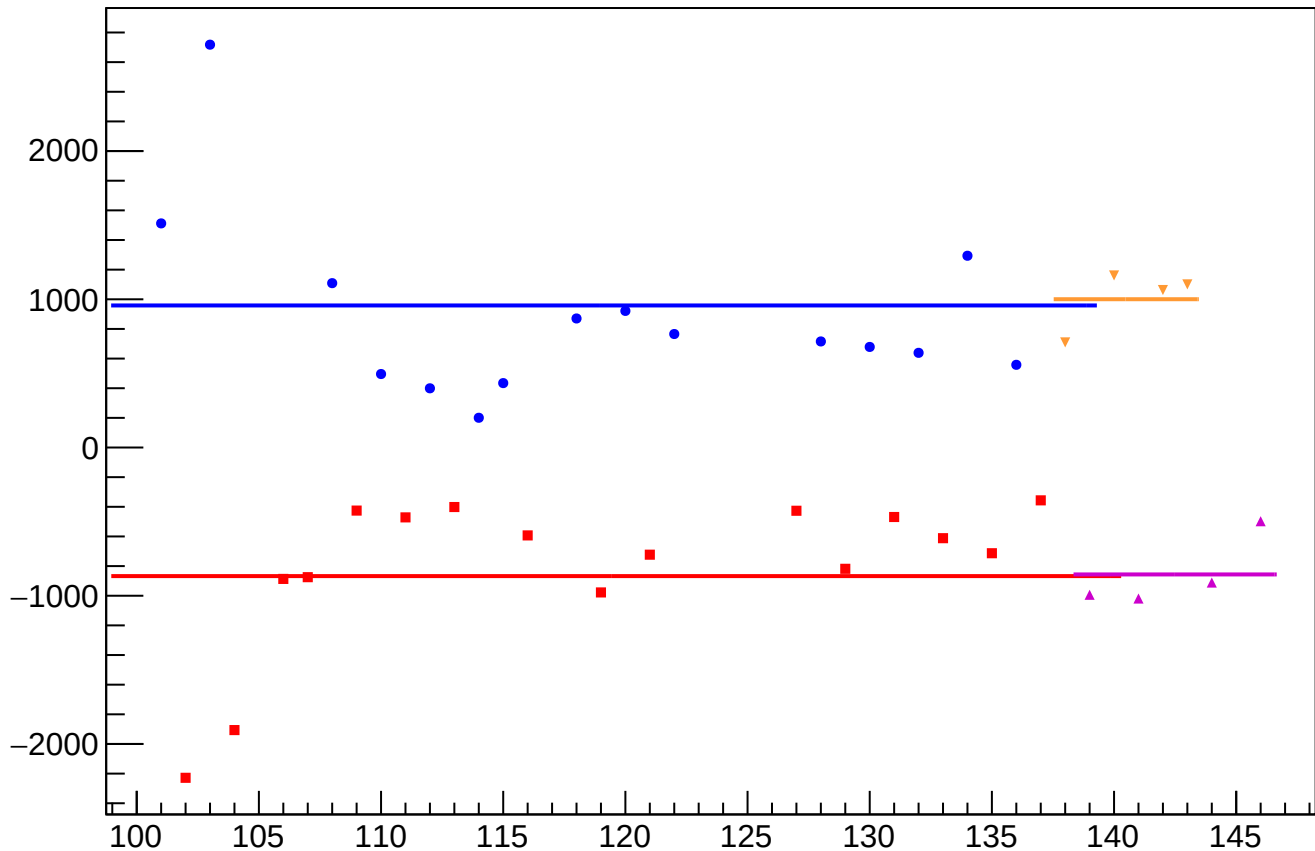
Left In: -1175.482 ± 0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: -18068.550 +/- 0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -2663.175 +/- 0.000 χ^2/NDF : 7352701317483164632905276666054443008.0/3
 Right Out: 17888.149 +/- 0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: 2626.899 +/- 0.000 χ^2/NDF : 49779329813721254870829516552220442624.0/3

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



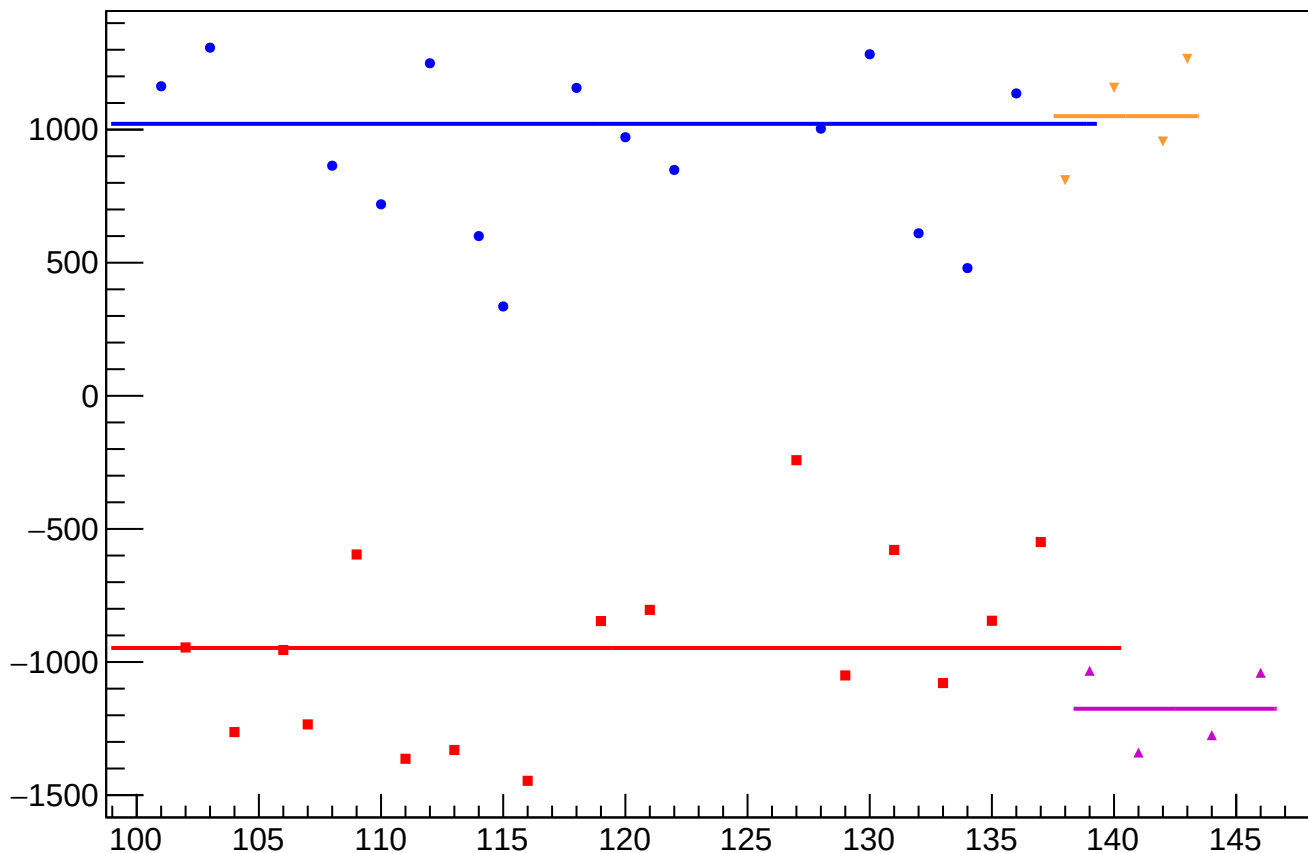
Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 1000.467+/-0.000 χ^2/NDF : 9578666900922242118254882877465427968.0/3

Right Out: -867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

Left In: -856.288+/-0.000 χ^2/NDF : 14730970873388093972325523787169660928.0/3

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



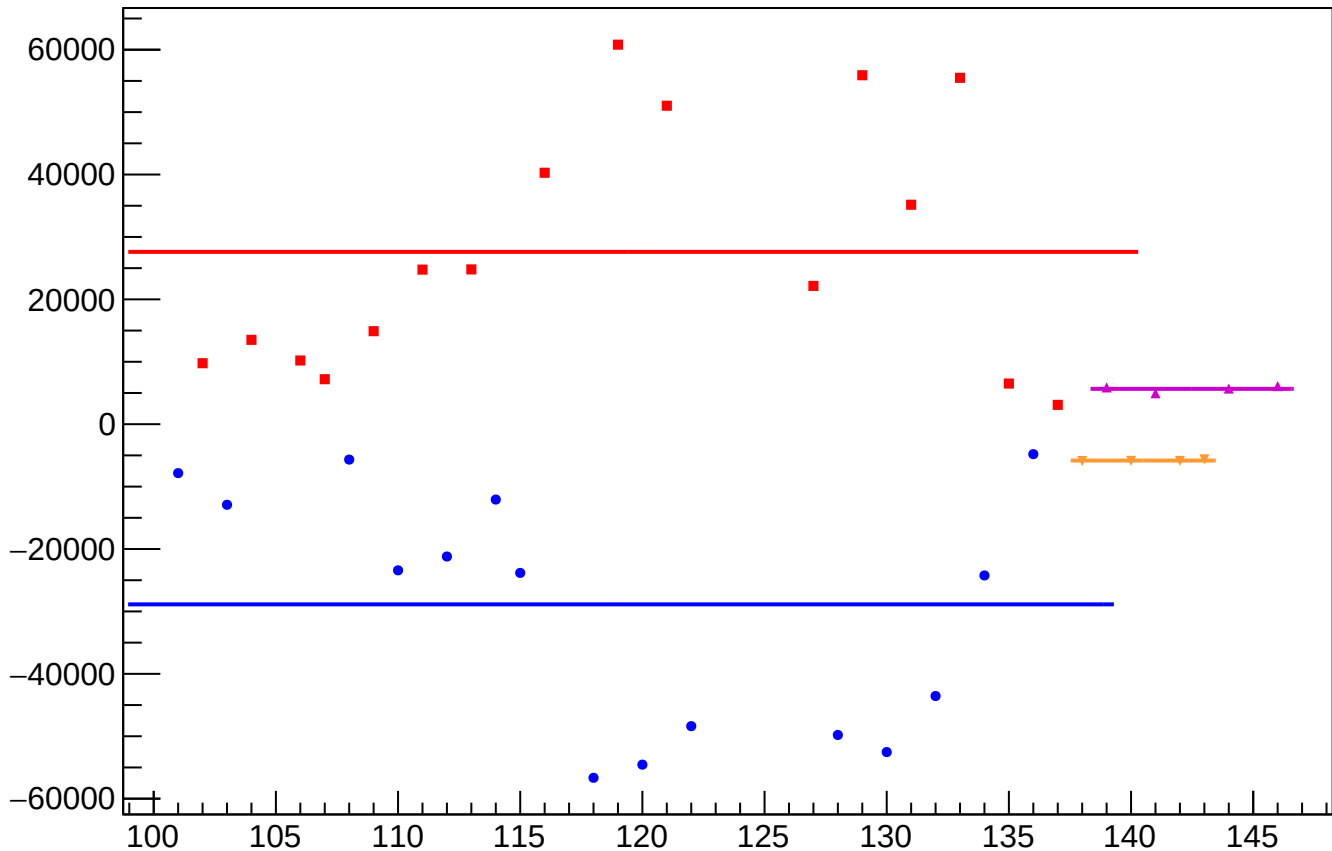
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608 ± 0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

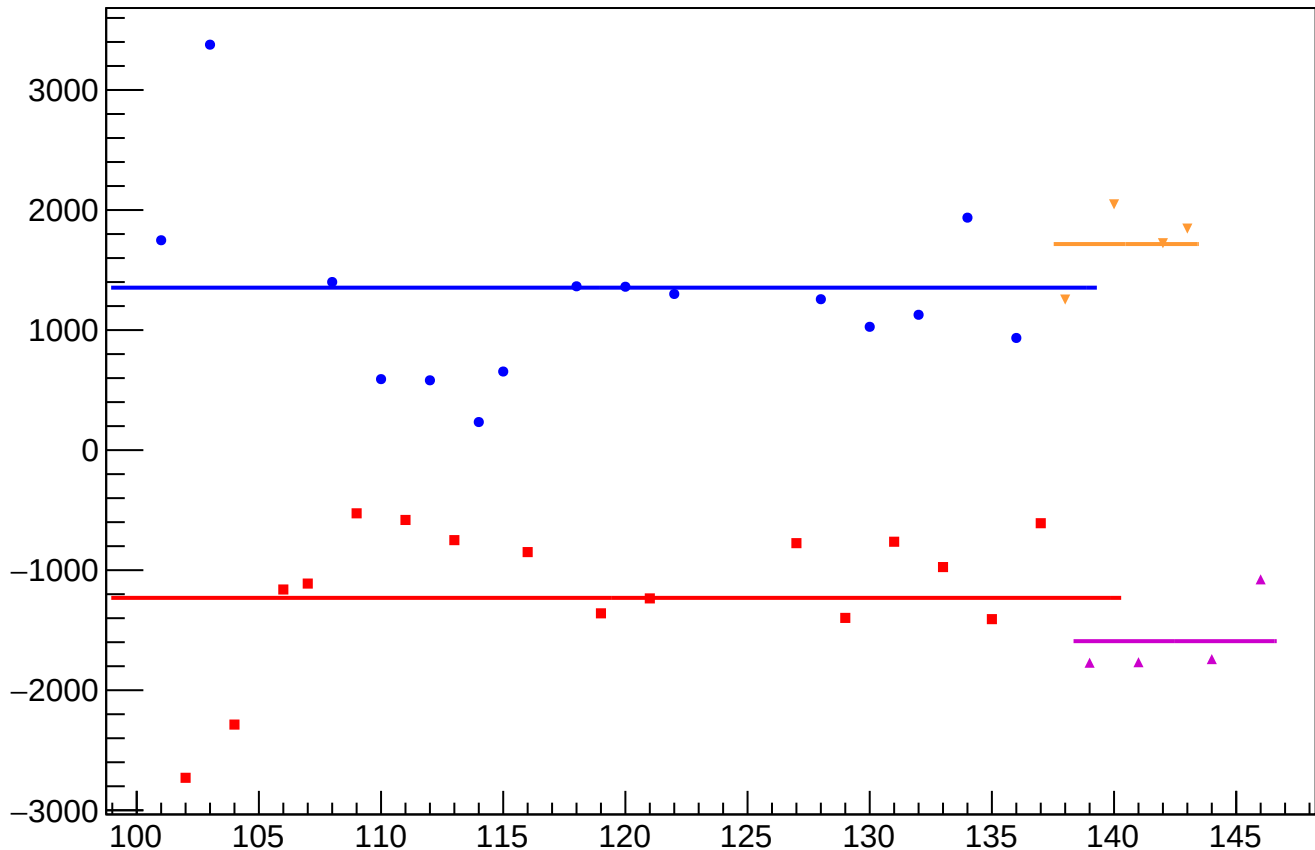
Left In: -1175.482 ± 0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_sam4_coil7_mean vs Slug, Sign Corrected



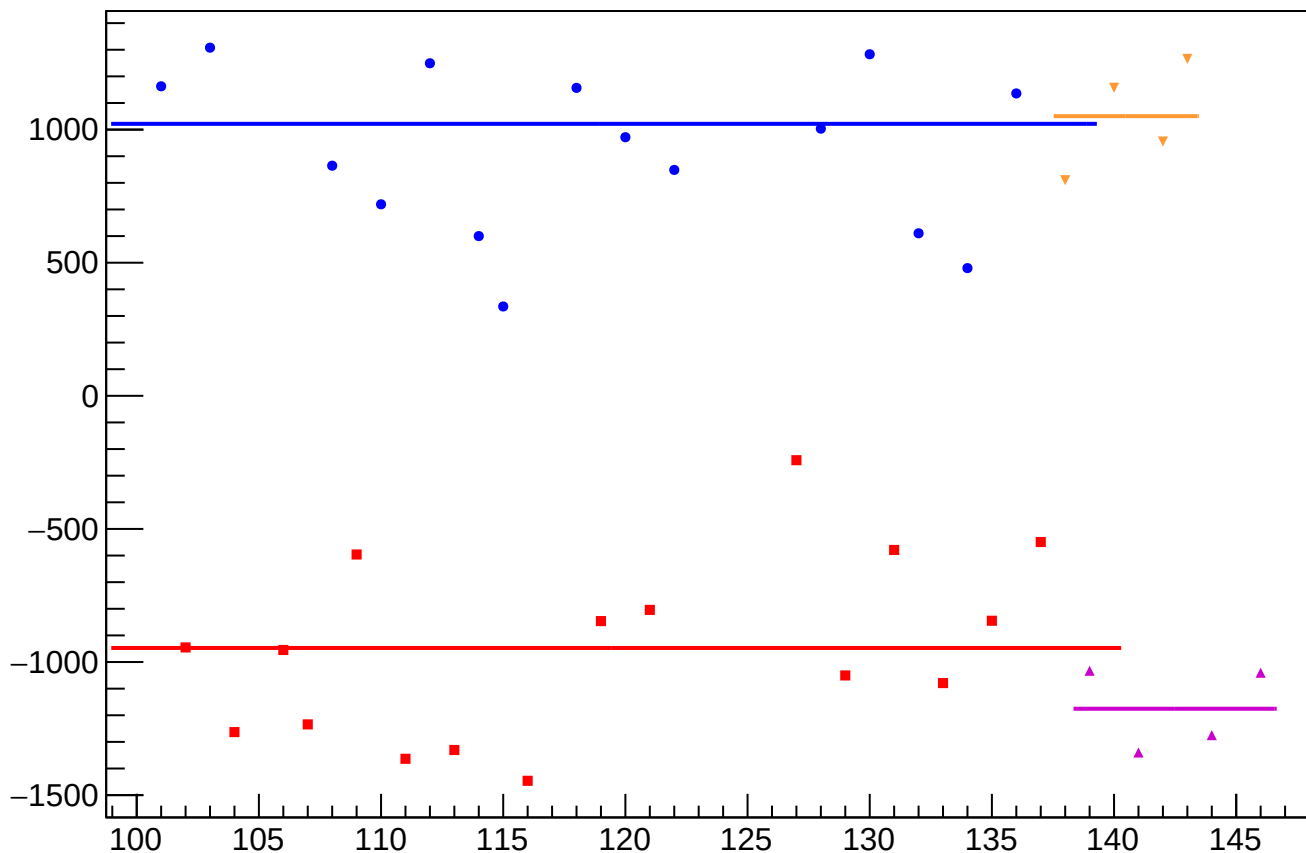
Right In: -28868.624 ± 0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -5824.311 ± 0.000 χ^2/NDF : 3274231708799227813583623667377504256.0/3
 Right Out: 27610.848 ± 0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: 5660.468 ± 0.000 χ^2/NDF : 62390184050393830833418339680436355072.0/3

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 1353.413 $\pm$ 0.000 χ^2 /NDF: 352887966702770713373861839880553758720.0/14
 Left Out: 1716.663 $\pm$ 0.000 χ^2 /NDF: 26755330221760040288871414479496151040.0/3
 Right Out: -1230.633 $\pm$ 0.000 χ^2 /NDF: 276989454129150005656872744539903754240.0/15
 Left In: -1591.299 $\pm$ 0.000 χ^2 /NDF: 29211004369929907442196075833745997824.0/3

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



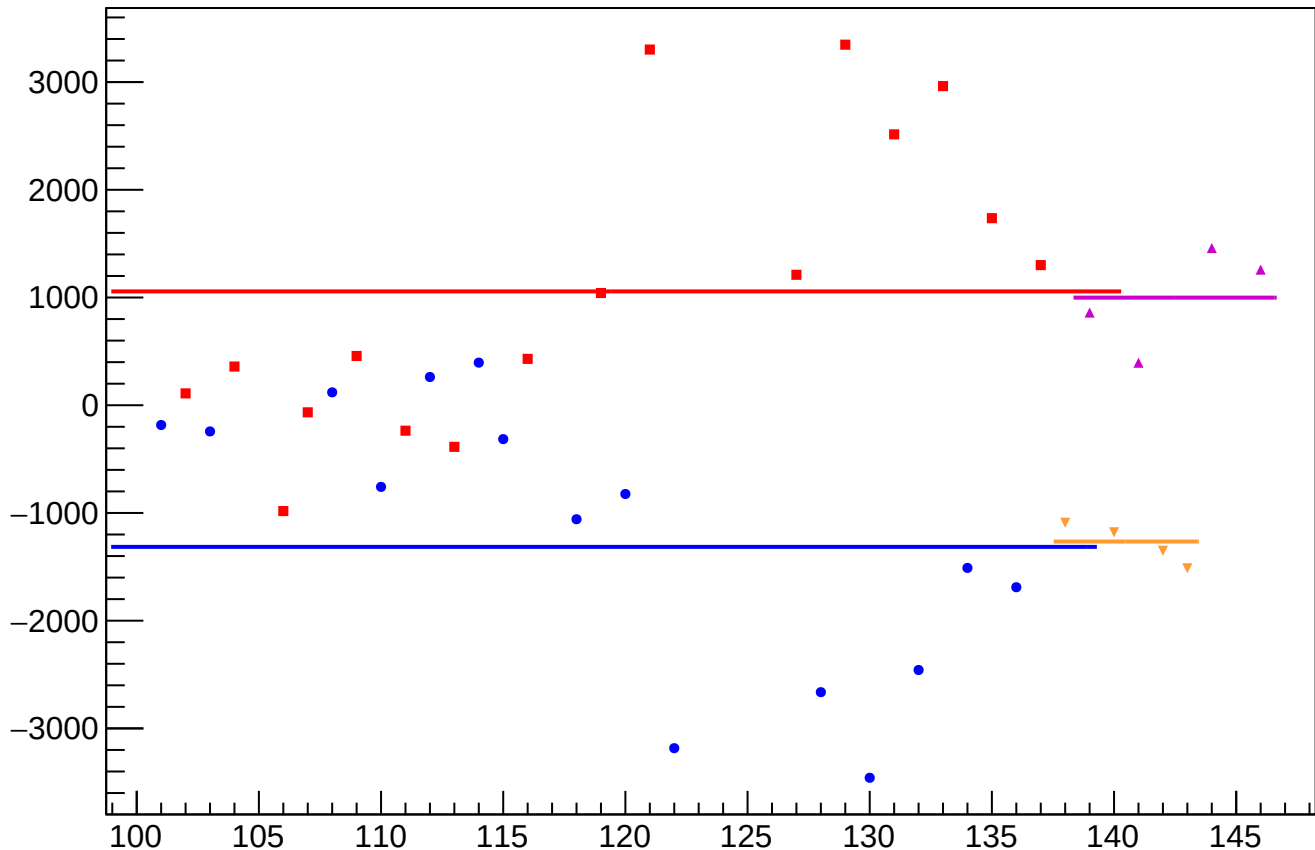
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

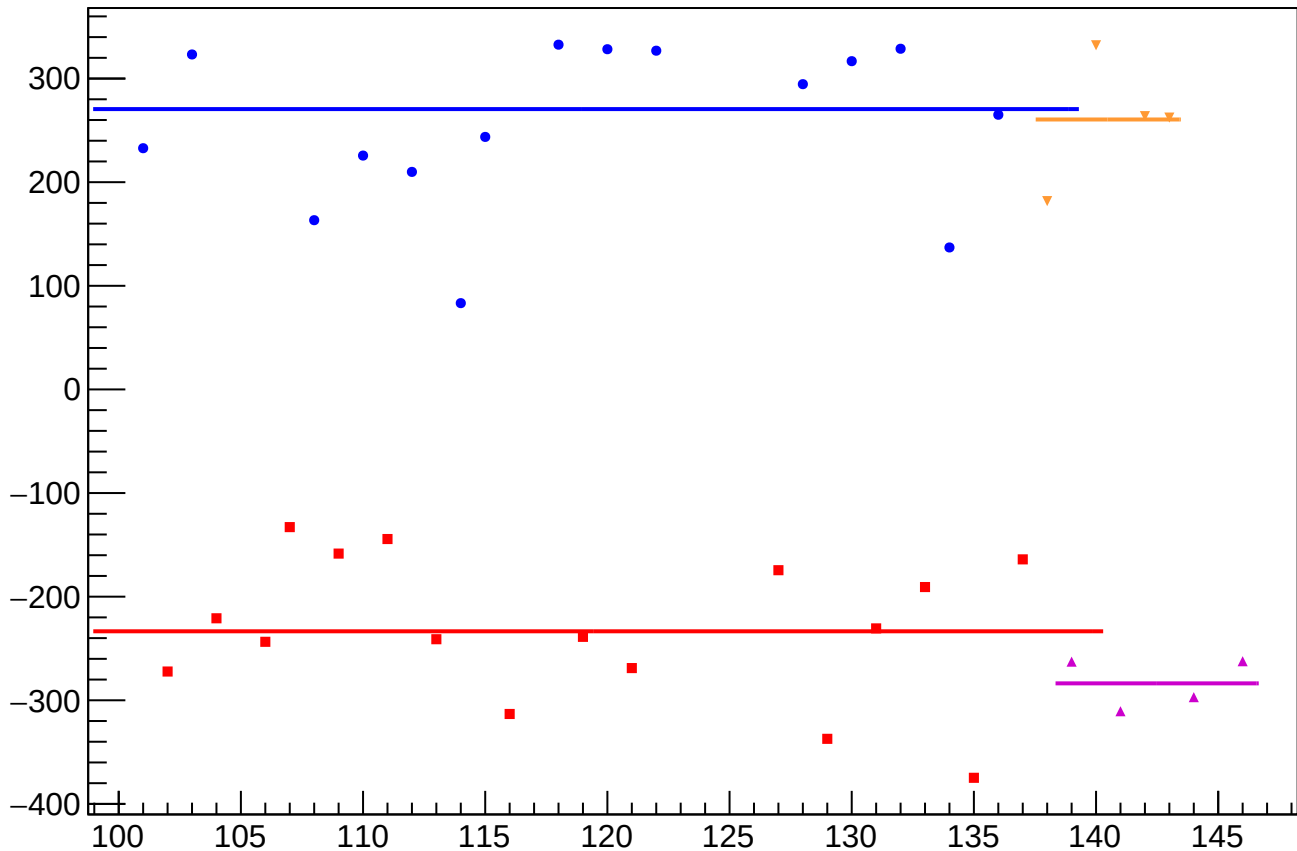
Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: -1314.782 ± 0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Left Out: -1265.134 ± 0.000 χ^2/NDF : 7440958981570696337970301223374422016.0/3
 Right Out: 1056.765 ± 0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Left In: 998.984 ± 0.000 χ^2/NDF : 57066818921820816255250581361933680640.0/3

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



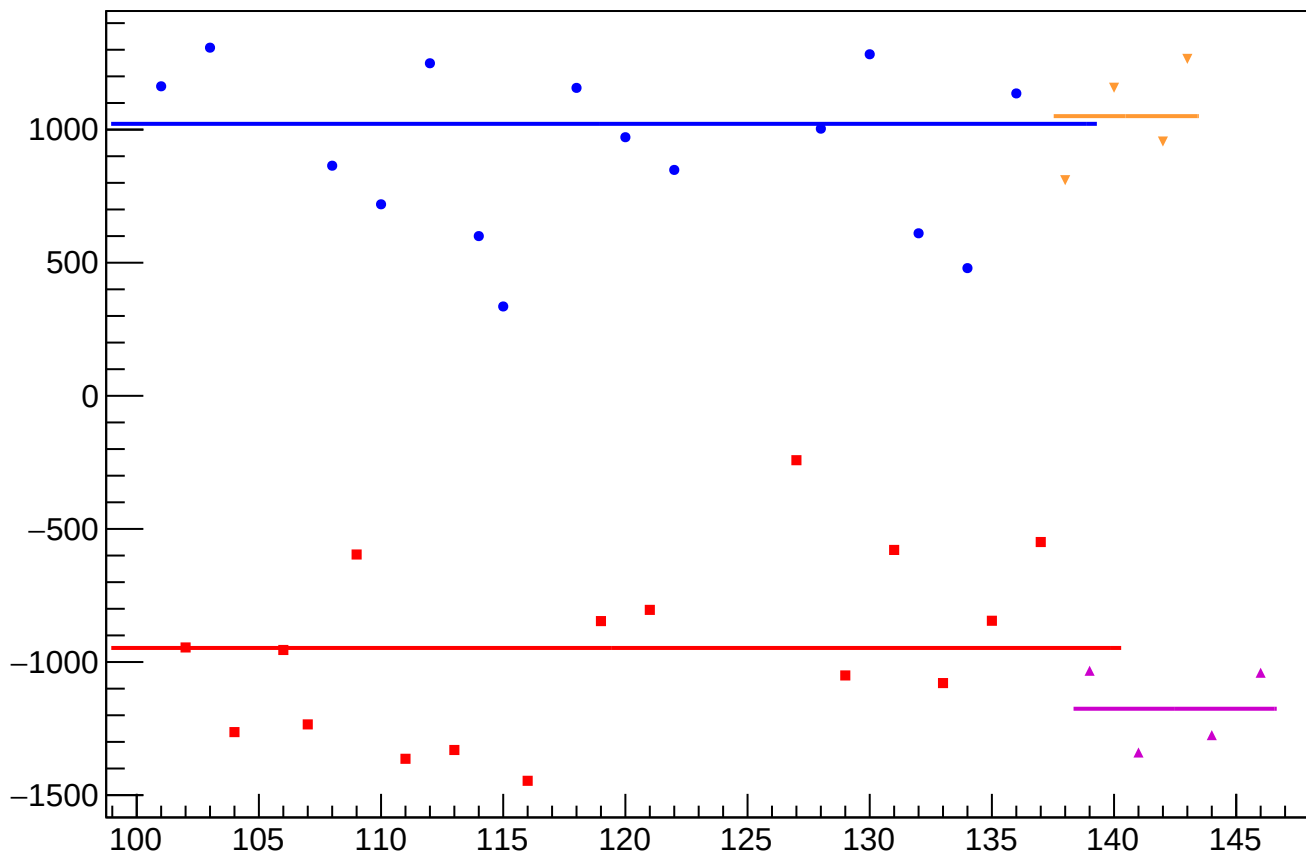
Right In: 270.538 $\pm$ 0.000 χ^2/NDF : 2473839905347950323907848405170257920.0/14

Left Out: 260.500 $\pm$ 0.000 χ^2/NDF : 905340145741554246727262482680774656.0/3

Right Out: -233.421 $\pm$ 0.000 χ^2/NDF : 3048529087317888615064010247743995904.0/15

Left In: -283.667 $\pm$ 0.000 χ^2/NDF : 150742127550772835642670873665601536.0/3

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



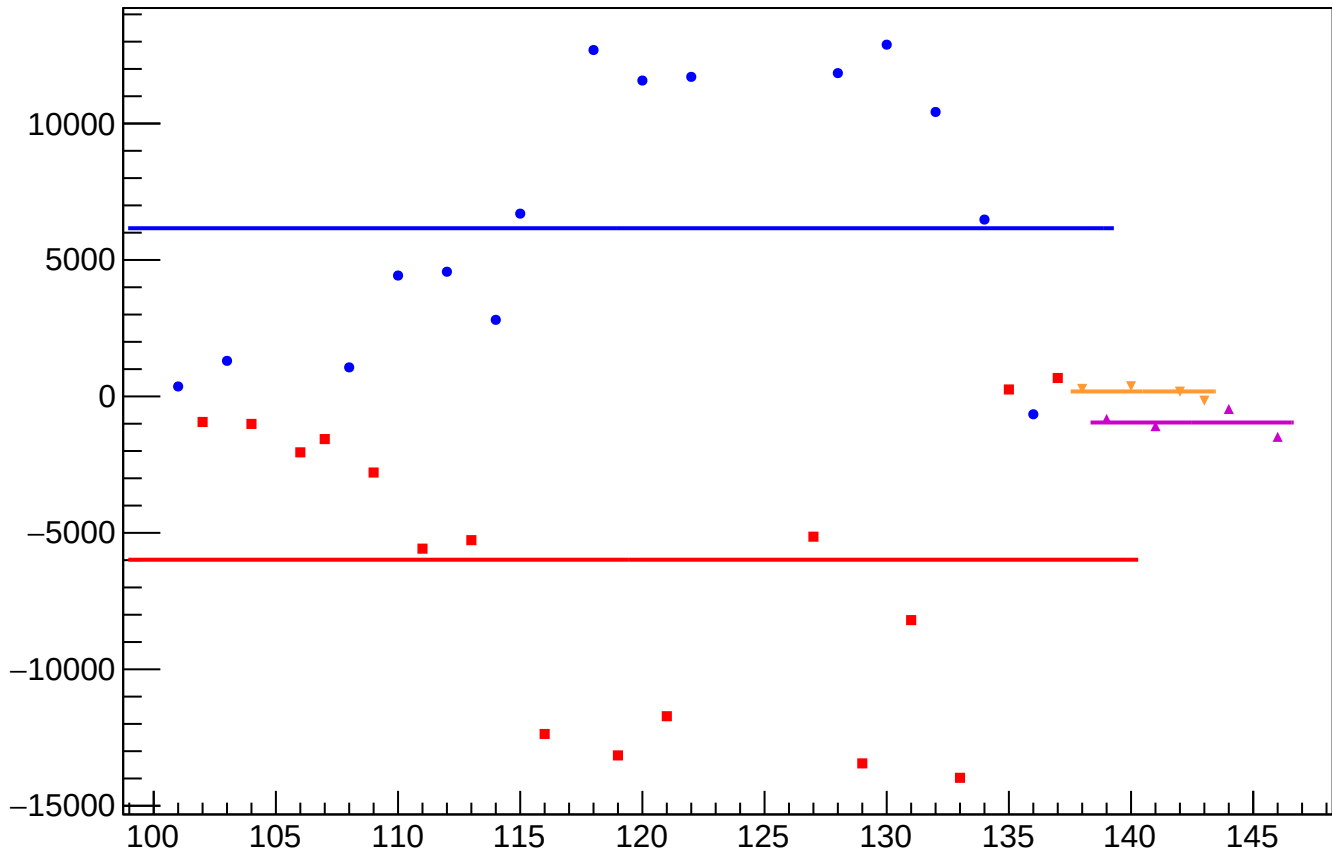
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

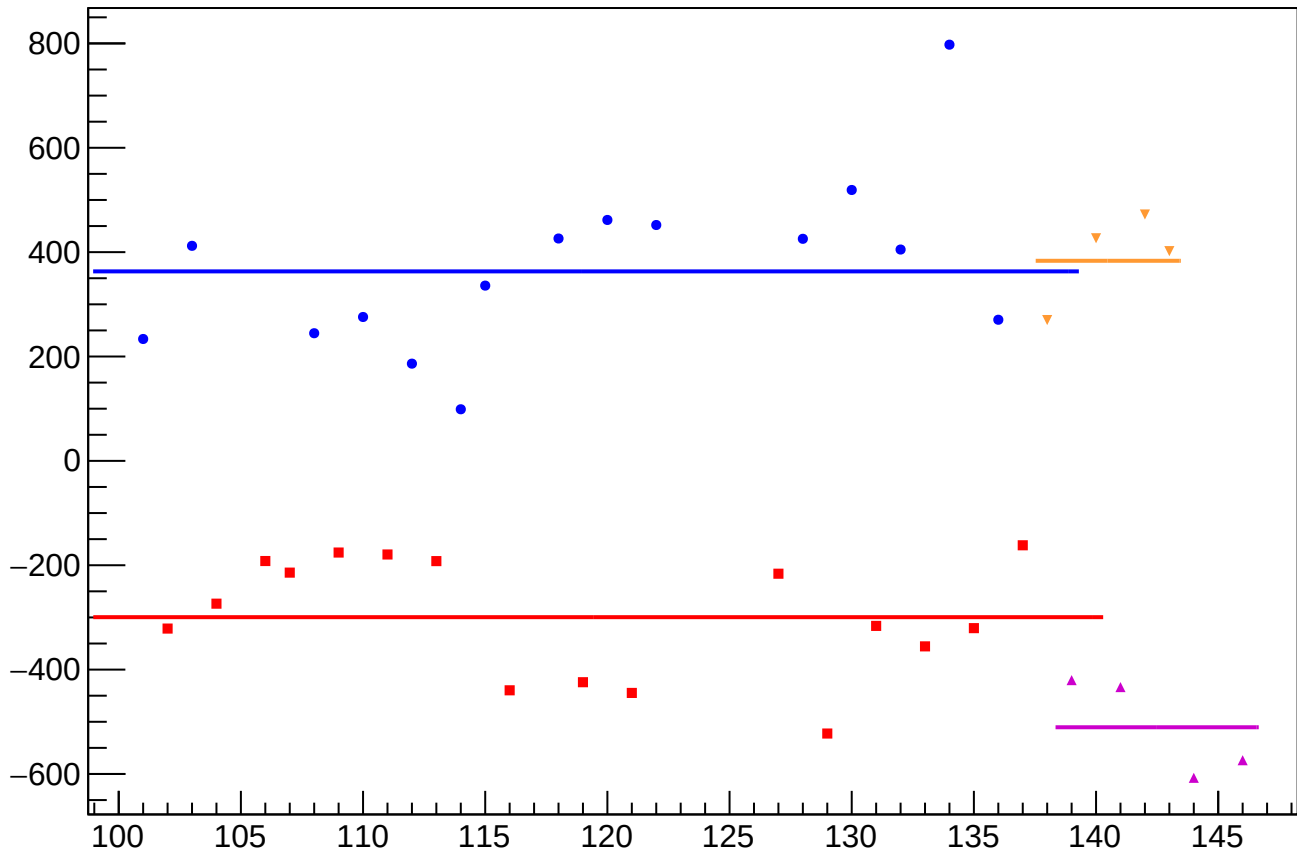
Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 6163.445 +/- 0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 181.808 +/- 0.000 χ^2/NDF : 11319414114209206968075402706367283200.0/3
 Right Out: -5983.876 +/- 0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: -955.655 +/- 0.000 χ^2/NDF : 47637438751729433227216319074952806400.0/3

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



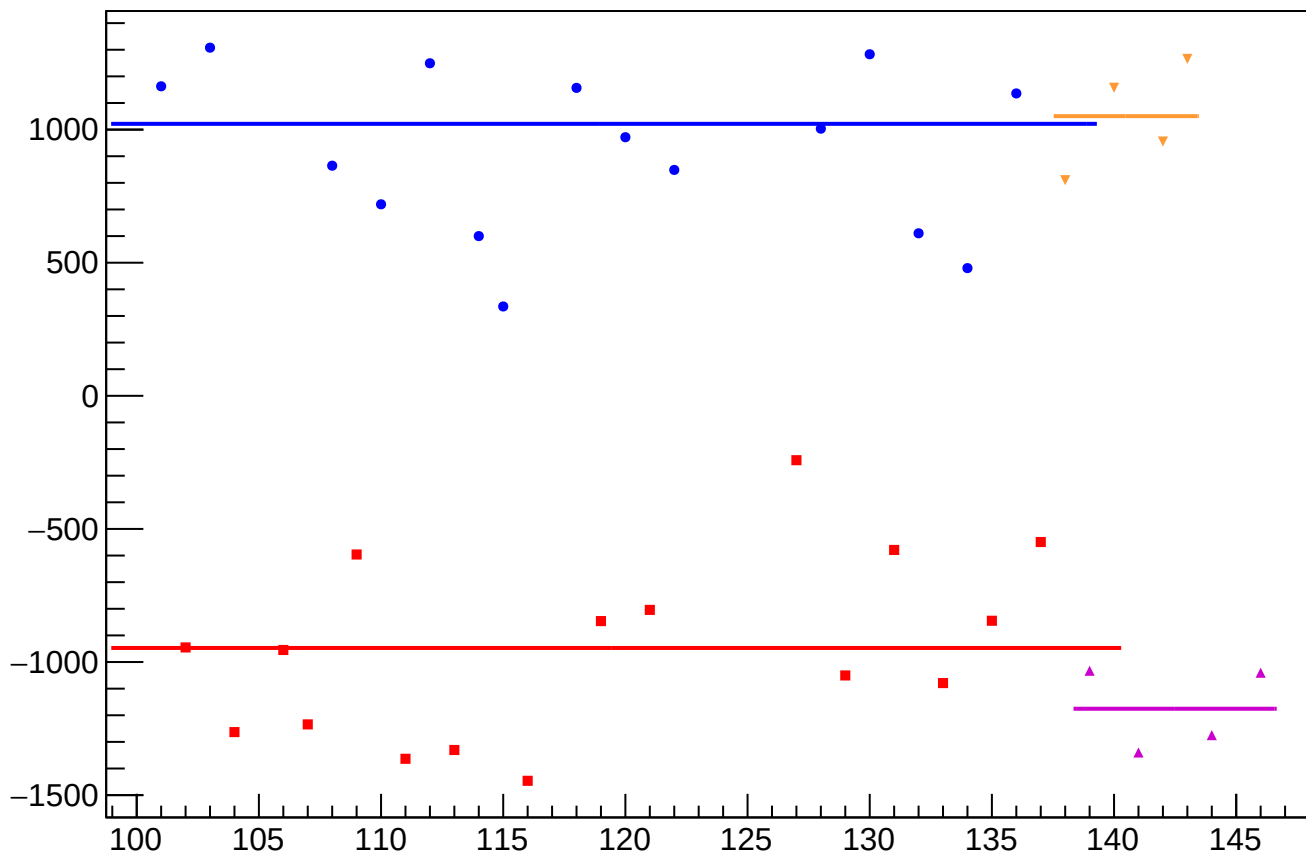
Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 383.440+/-0.000 χ^2/NDF : 1543868159299205870929864799259983872.0/3

Right Out: -299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

Left In: -510.493+/-0.000 χ^2/NDF : 2330637792707772049708671884339445760.0/3

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



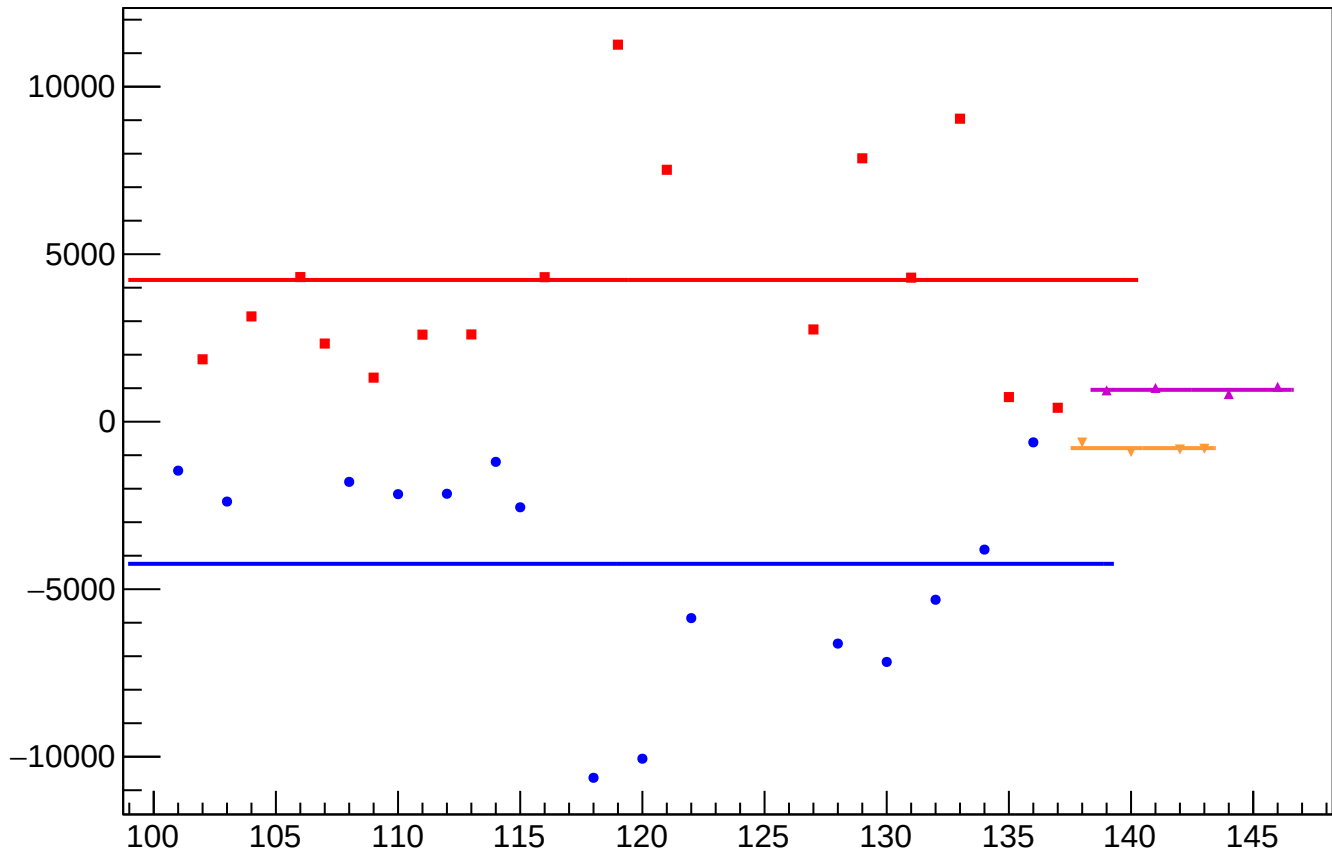
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

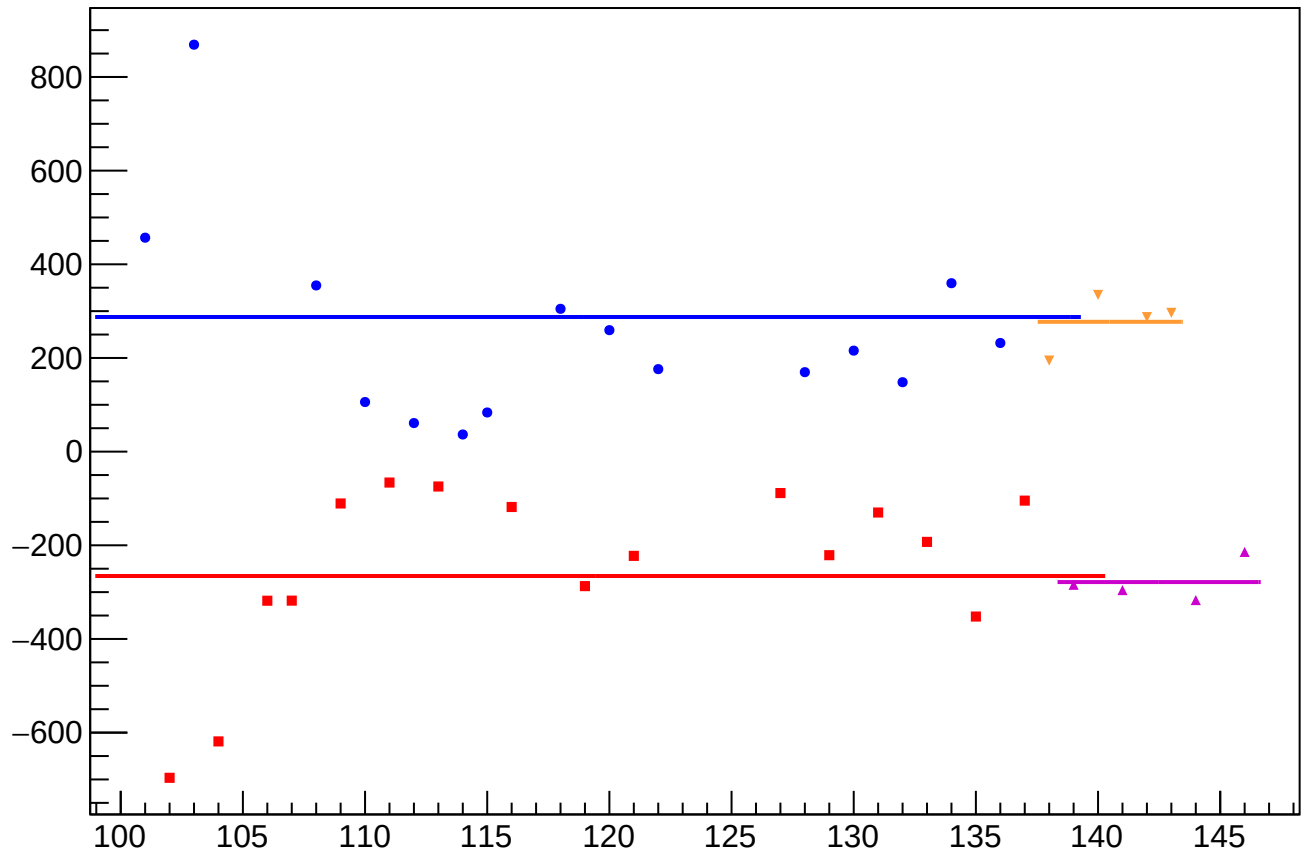
Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: -4242.174 +/- 0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -788.389 +/- 0.000 χ^2/NDF : 3372009077396461000089785926349225984.0/3
 Right Out: 4230.978 +/- 0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: 951.537 +/- 0.000 χ^2/NDF : 2400196347639948714963754267340439552.0/3

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



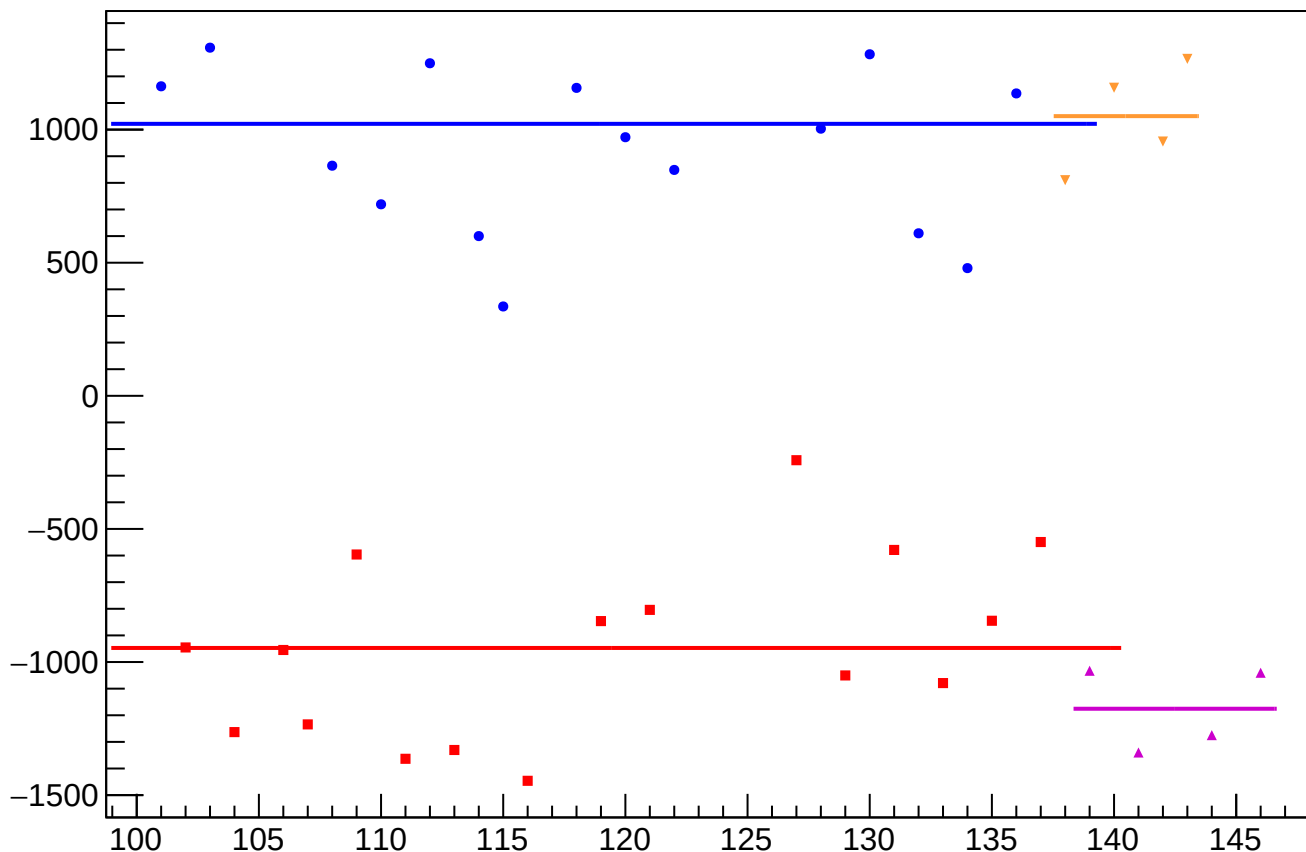
Right In: 287.460 $\pm$ 0.000 χ^2 /NDF: 29517044144826155936619151581366976512.0/14

Left Out: 277.204 $\pm$ 0.000 χ^2 /NDF: 834123516076476753668580269667385344.0/3

Right Out: -265.593 $\pm$ 0.000 χ^2 /NDF: 25843263106329059274985499259066908672.0/15

Left In: -278.524 $\pm$ 0.000 χ^2 /NDF: 50313989214627663689733976549334016.0/3

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



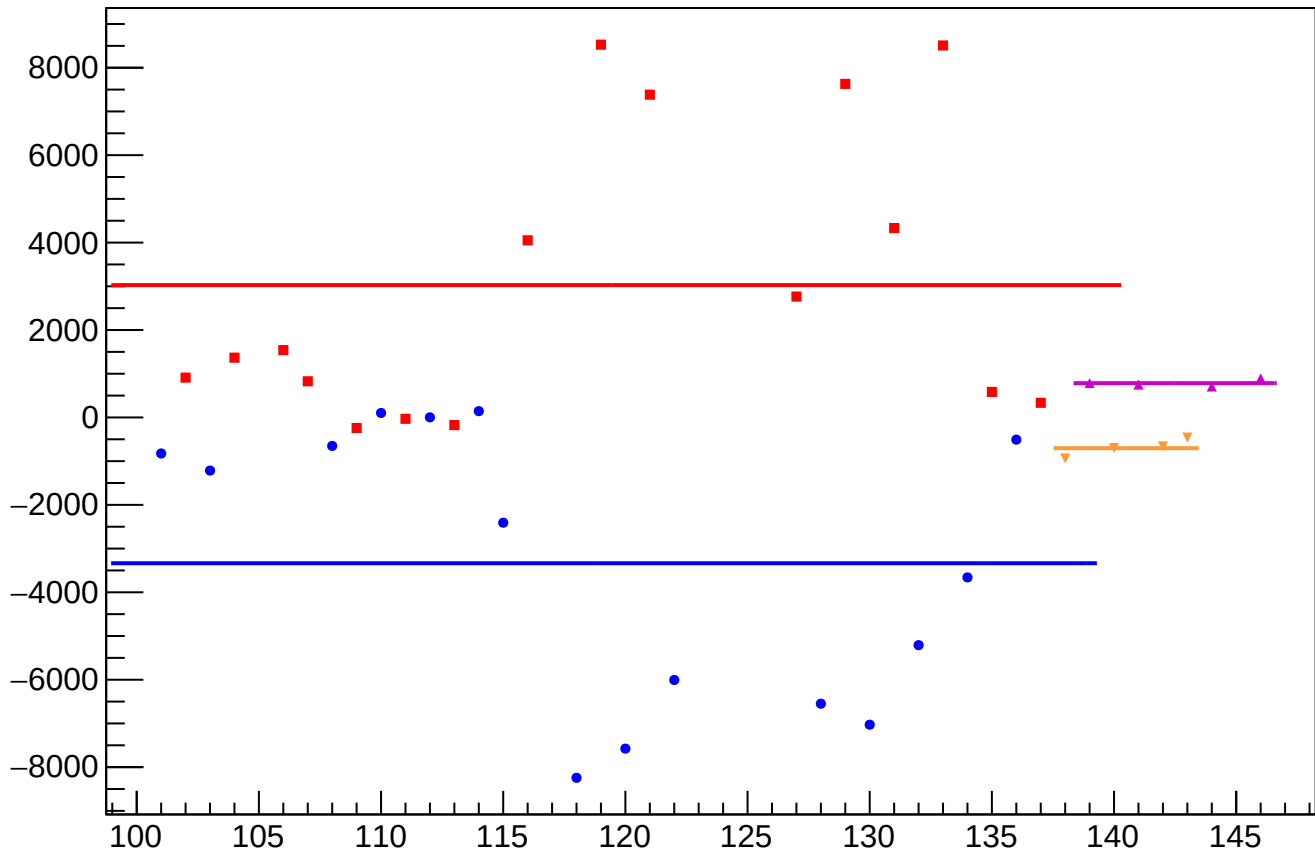
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

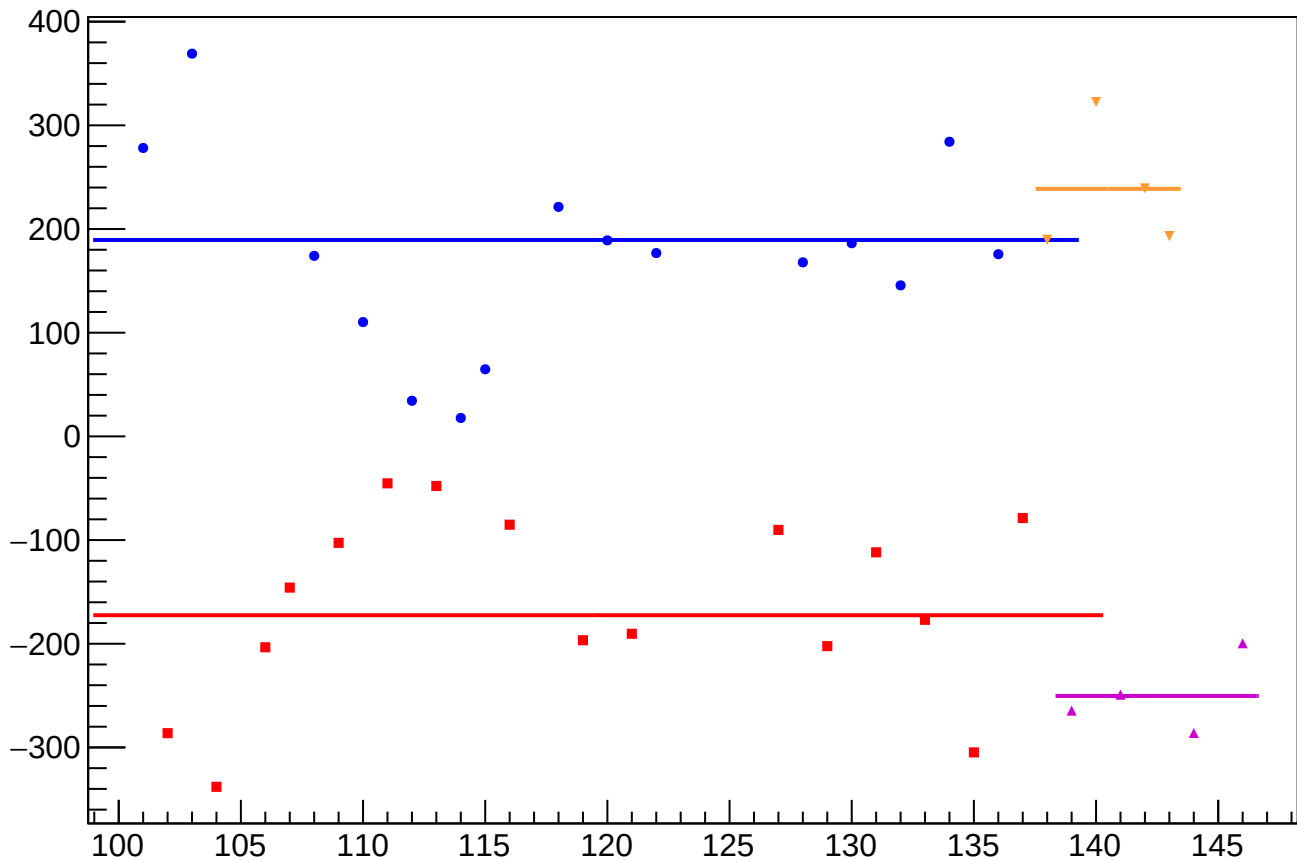
Left In: -1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_sam8_coil7_mean vs Slug, Sign Corrected



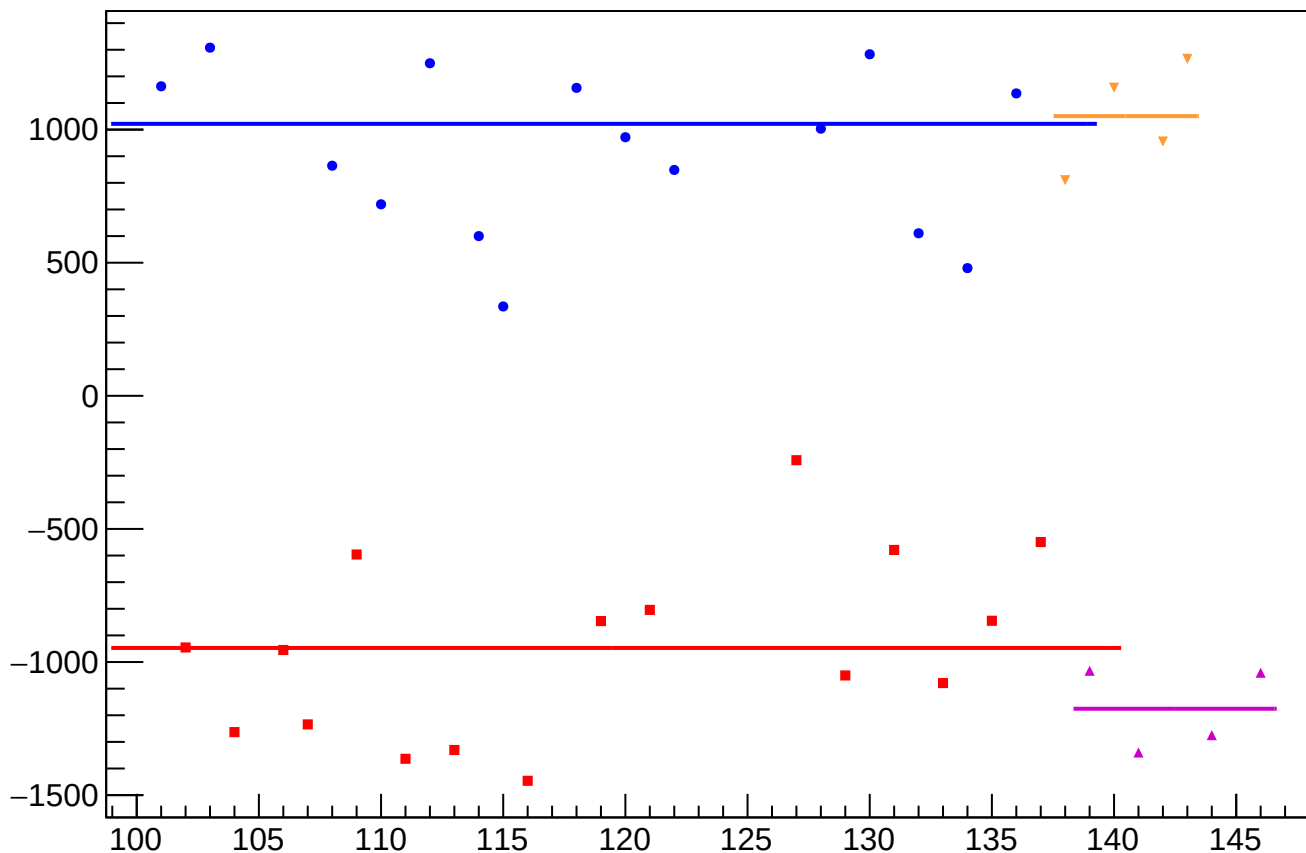
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -703.250+/-0.000 χ^2/NDF : 8289077226498809202445158903931994112.0/3
 Right Out: 3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: 784.158+/-0.000 χ^2/NDF : 1640828755474798480453565068588613632.0/3

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 189.442 +/- 0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14
 Left Out: 238.744 +/- 0.000 χ^2/NDF : 901240808562723070558777679563194368.0/3
 Right Out: -172.485 +/- 0.000 χ^2/NDF : 5594813408996728261938711470404534272.0/15
 Left In: -250.336 +/- 0.000 χ^2/NDF : 344159073829649073652480254423334912.0/3

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



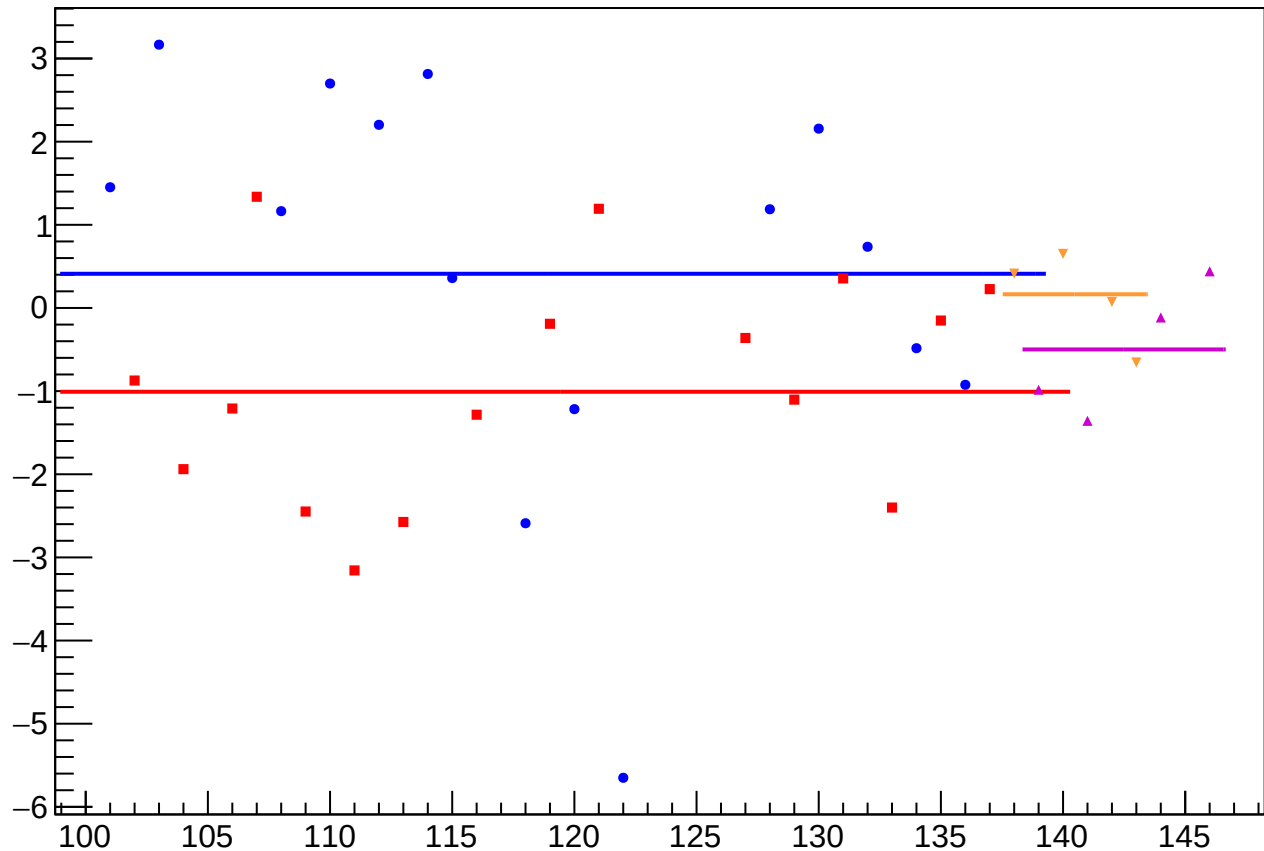
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608 ± 0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

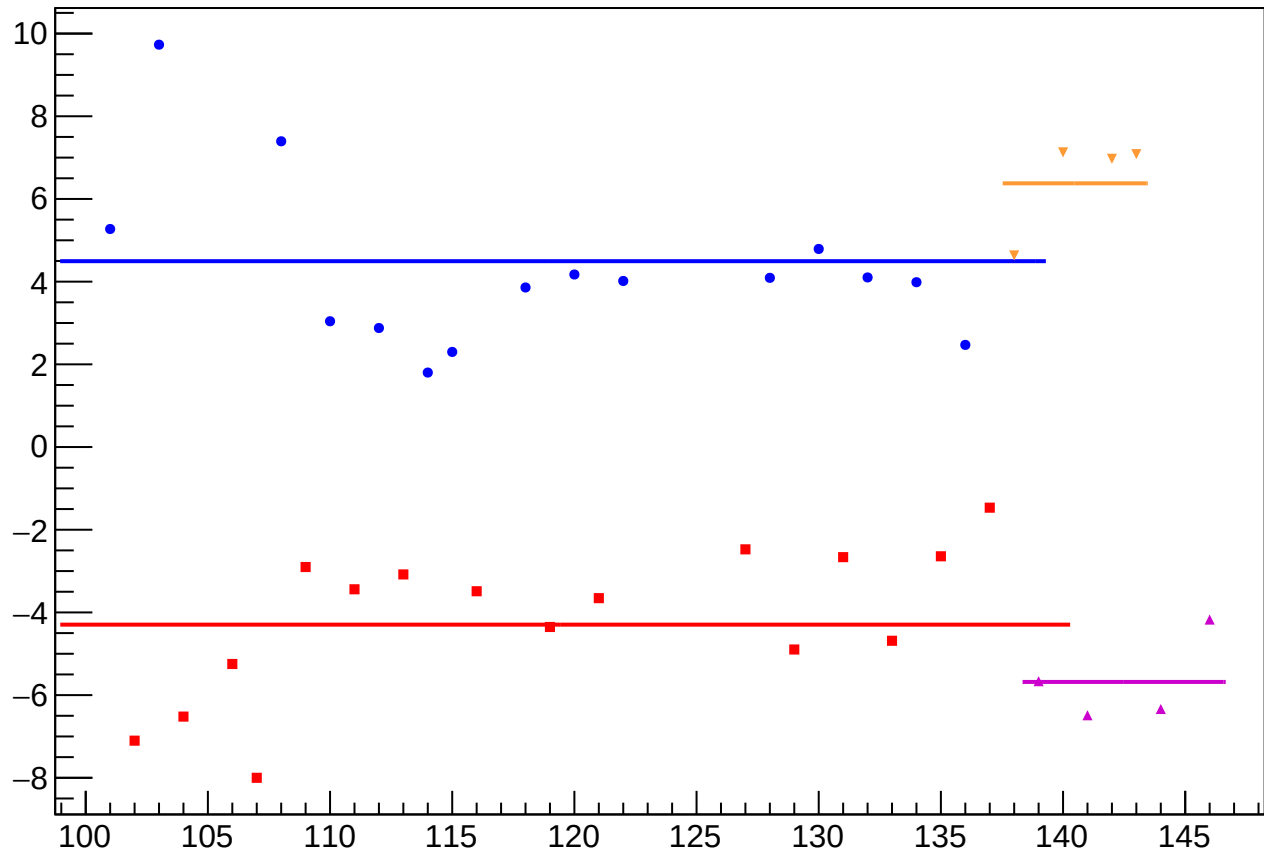
Left In: -1175.482 ± 0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

dit_4aX_coil4_mean vs Slug, Sign Corrected



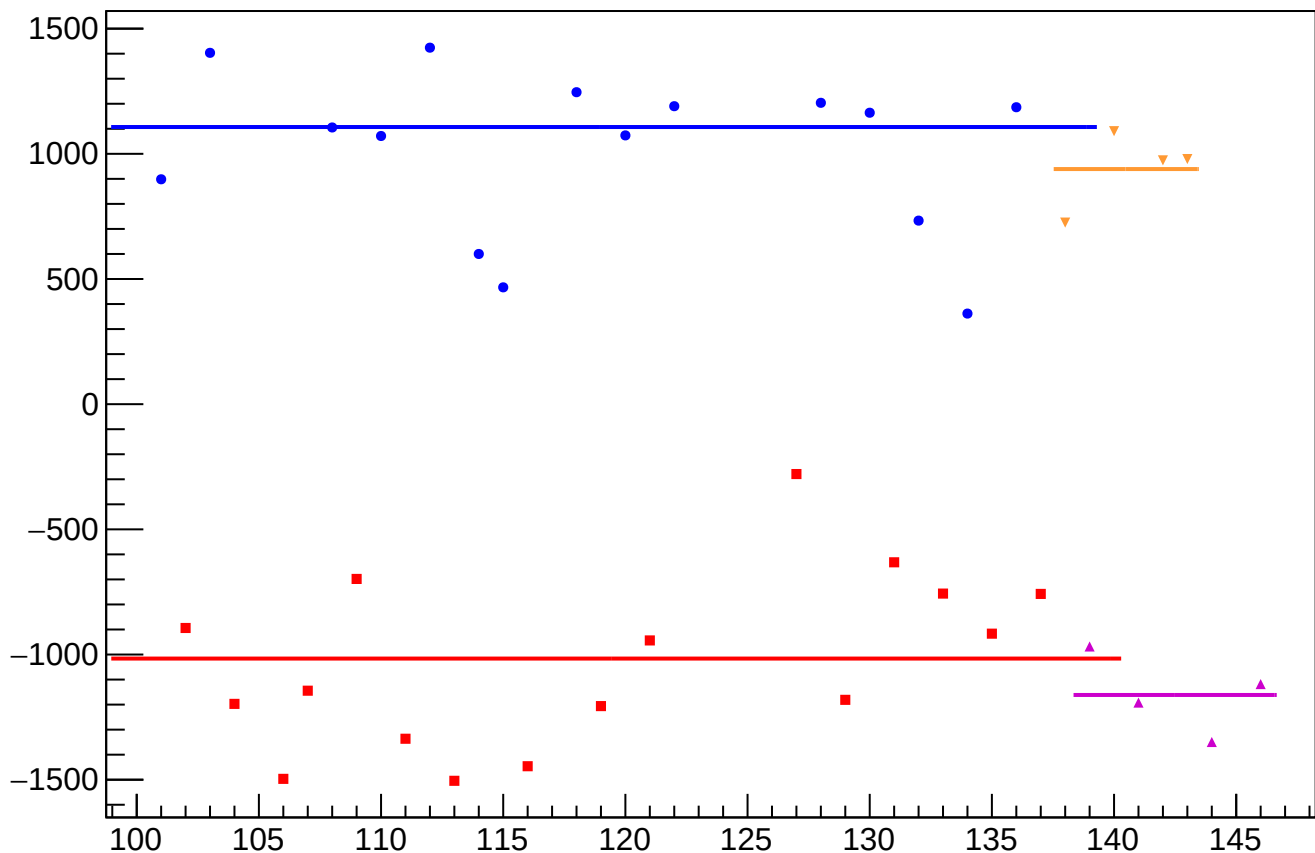
Right In: 0.411+/-0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14
 Left Out: 0.165+/-0.000 χ^2/NDF : 69568702239209849773727816876032.0/3
 Right Out: -1.008+/-0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15
 Left In: -0.499+/-0.000 χ^2/NDF : 168087272337749664914252054396928.0/3

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



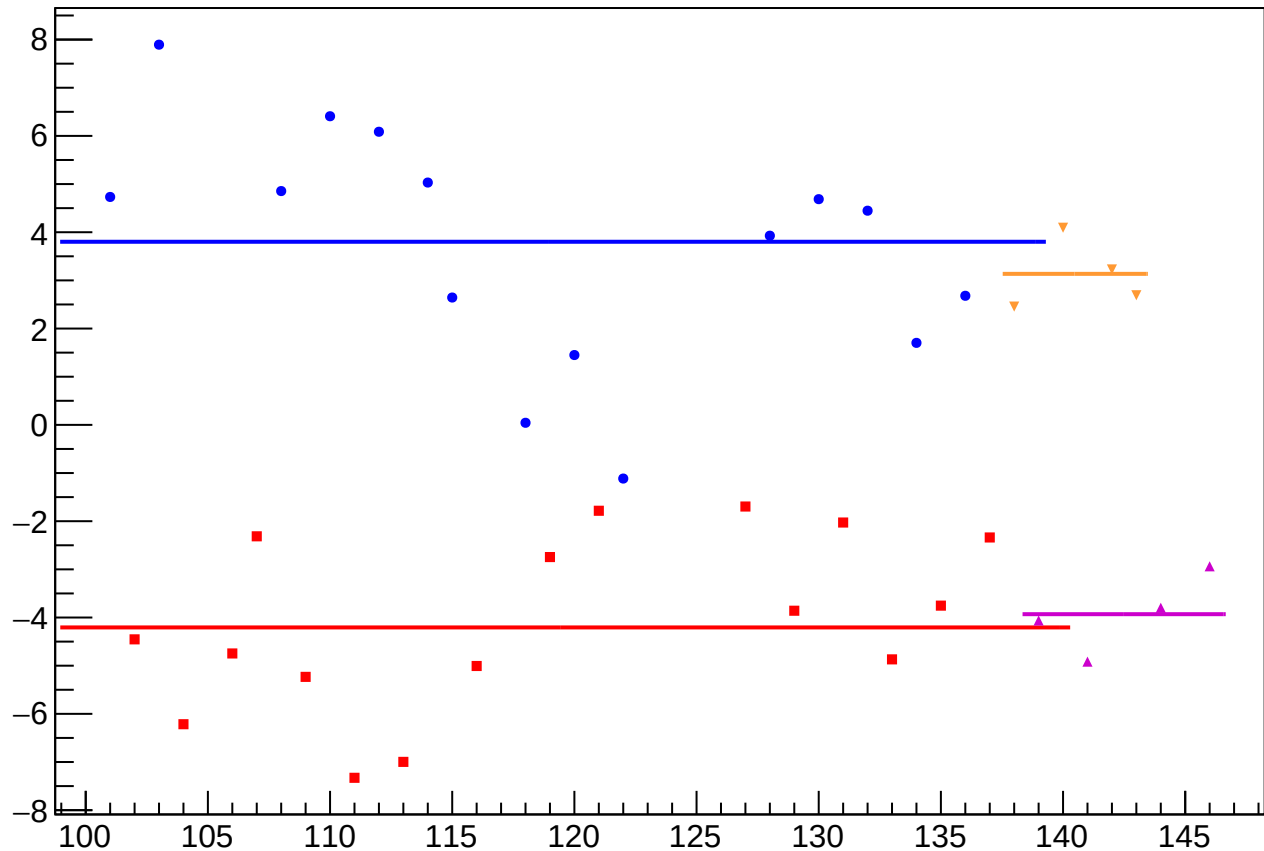
Right In: 4.495 +/- 0.000 χ^2/NDF : 2742240072441097531500728791597056.0/14
 Left Out: 6.378 +/- 0.000 χ^2/NDF : 332651436845874796571038069030912.0/3
 Right Out: -4.296 +/- 0.000 χ^2/NDF : 2011925707062051890381007475441664.0/15
 Left In: -5.681 +/- 0.000 χ^2/NDF : 282270633120519636724078388183040.0/3

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



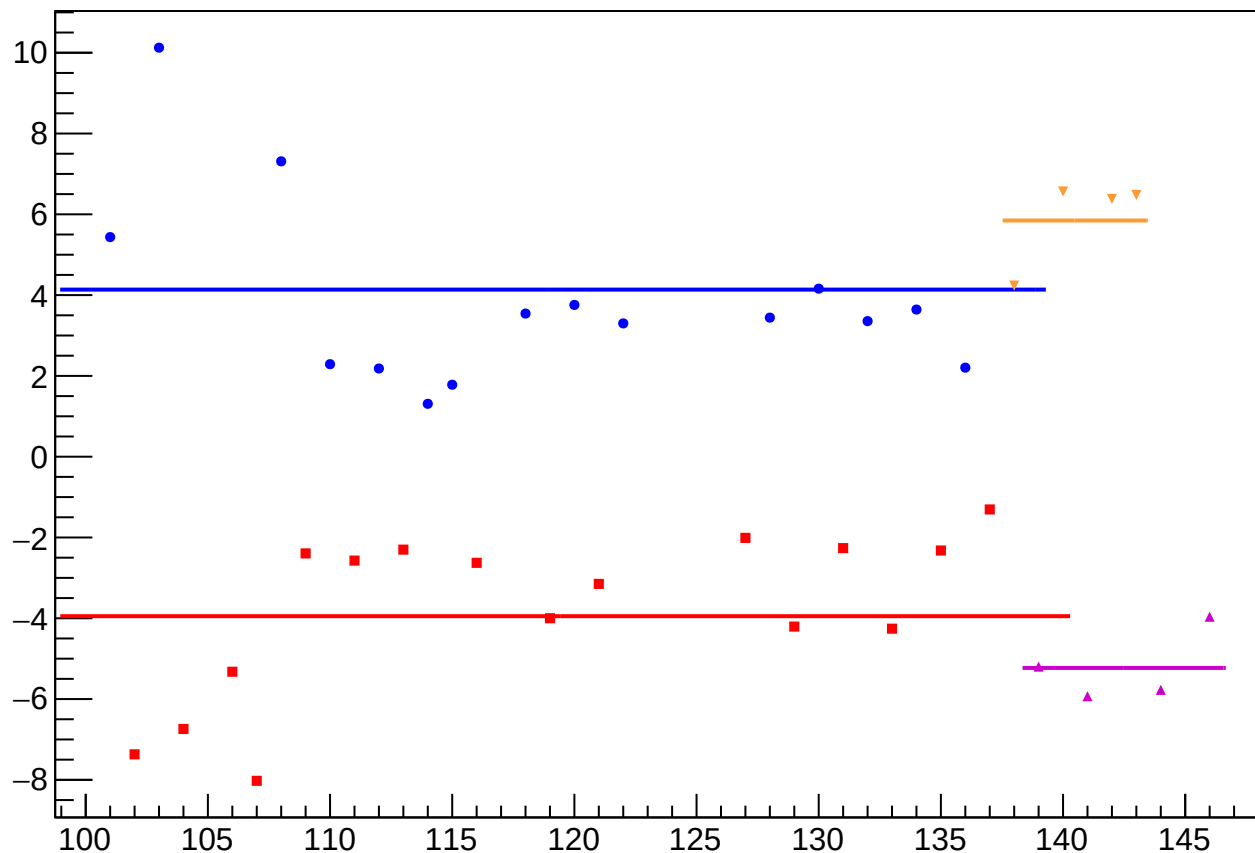
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 ± 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 ± 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 3.802 +/- 0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 3.136 +/- 0.000 χ^2/NDF : 124854063943682639144345894125568.0/3
 Right Out: -4.206 +/- 0.000 χ^2/NDF : 2096427813341454573332265183477760.0/15
 Left In: -3.931 +/- 0.000 χ^2/NDF : 167532368117875606530792462745600.0/3

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



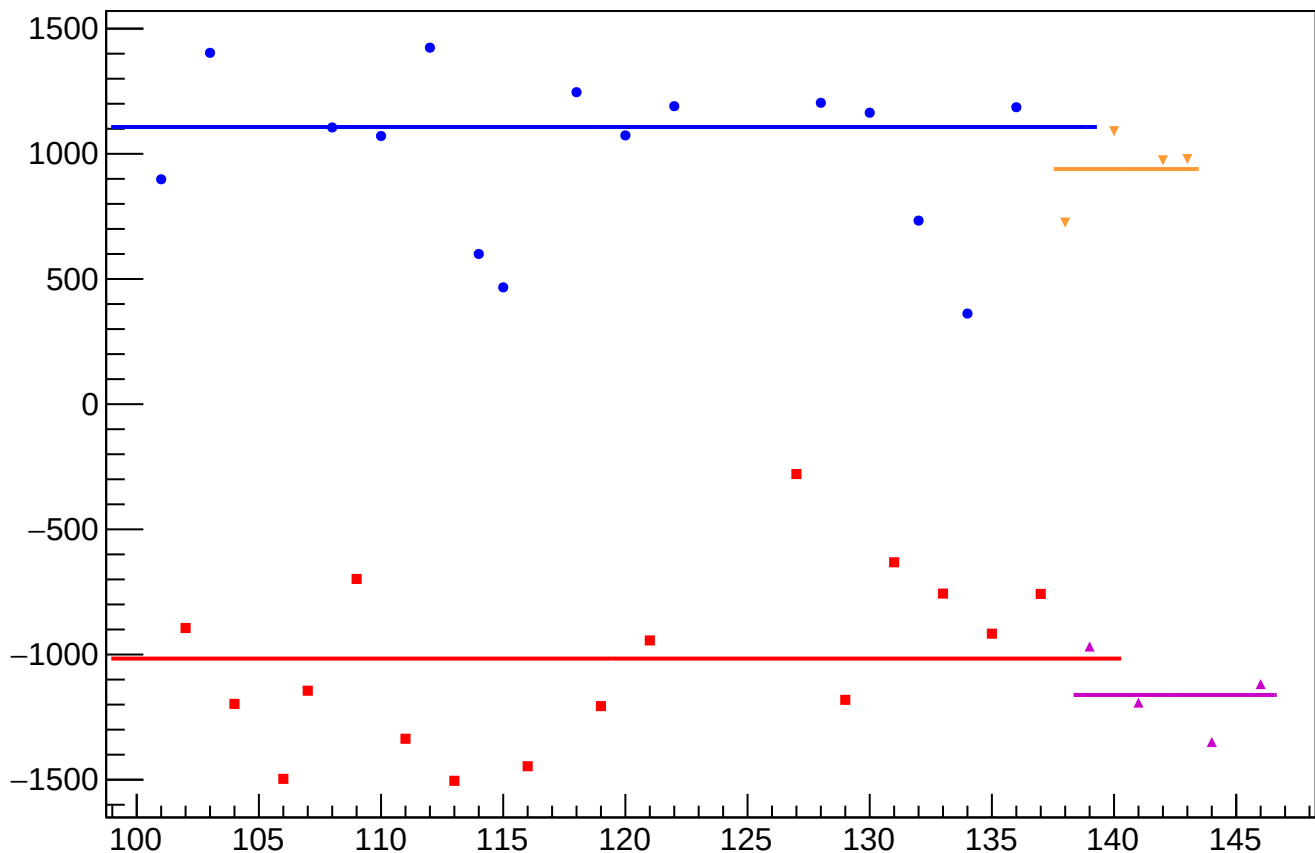
Right In: 4.136 $\pm$ 0.000 χ^2 /NDF: 3507600624388663919898505496231936.0/14

Left Out: 5.847 $\pm$ 0.000 χ^2 /NDF: 284770727700676469718686940266496.0/3

Right Out: -3.948 $\pm$ 0.000 χ^2 /NDF: 2670176783942302028345551100051456.0/15

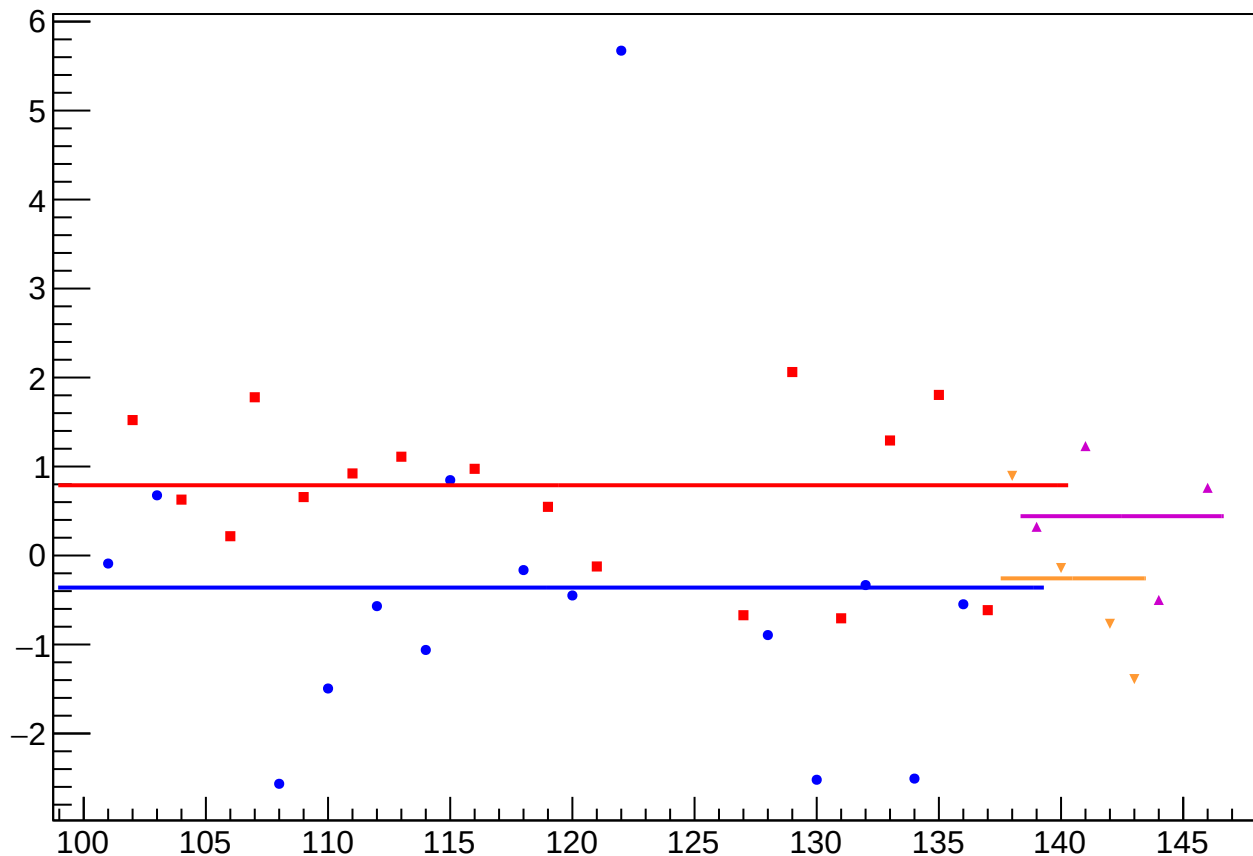
Left In: -5.229 $\pm$ 0.000 χ^2 /NDF: 201581634450180131369878906994688.0/3

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 $\pm$ 0.000 χ^2 /NDF: 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 $\pm$ 0.000 χ^2 /NDF: 641508227518753229804308665552863232.0/3

dit_11X12X_coil4_mean vs Slug, Sign Corrected



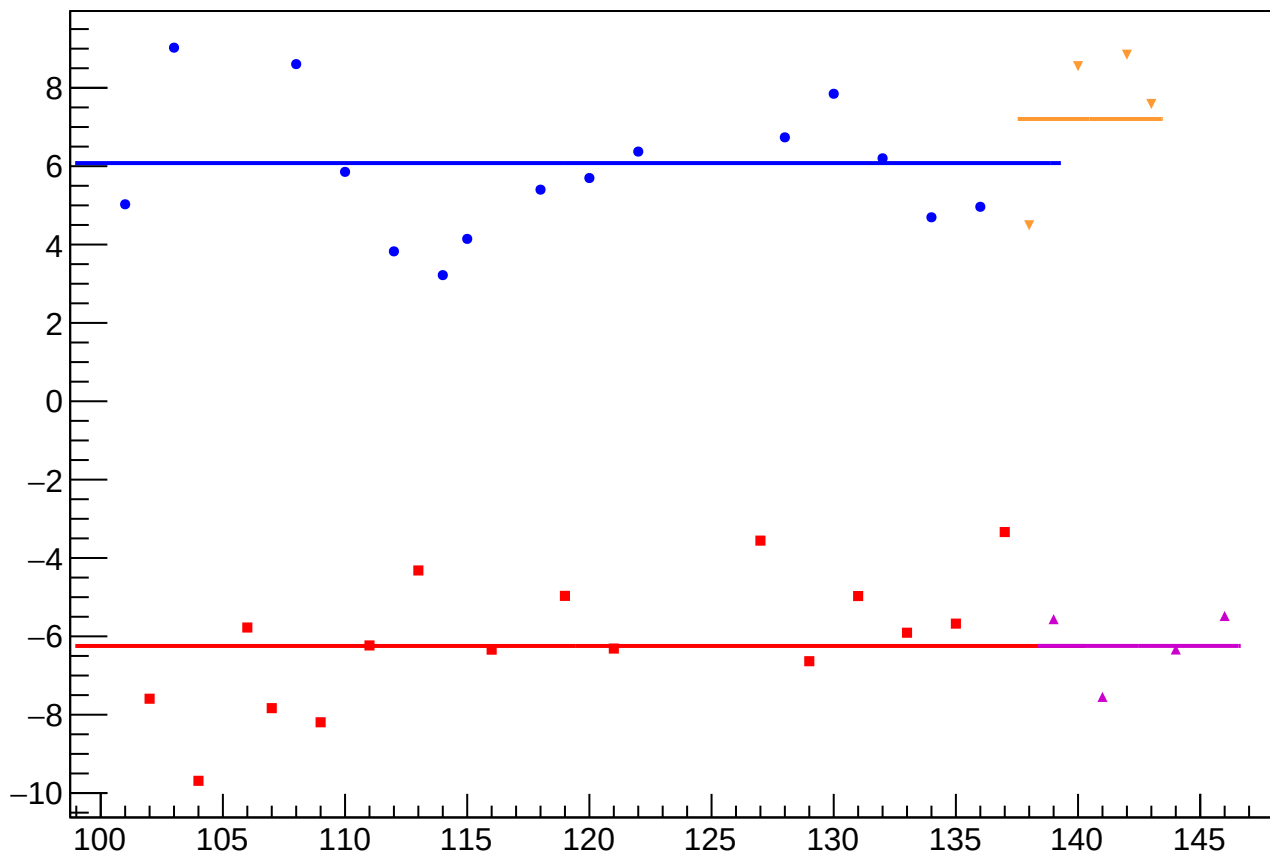
Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.257+/-0.000 χ^2/NDF : 202420570215638634254636511395840.0/3

Right Out: 0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

Left In: 0.442+/-0.000 χ^2/NDF : 141182825841350857293866563796992.0/3

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



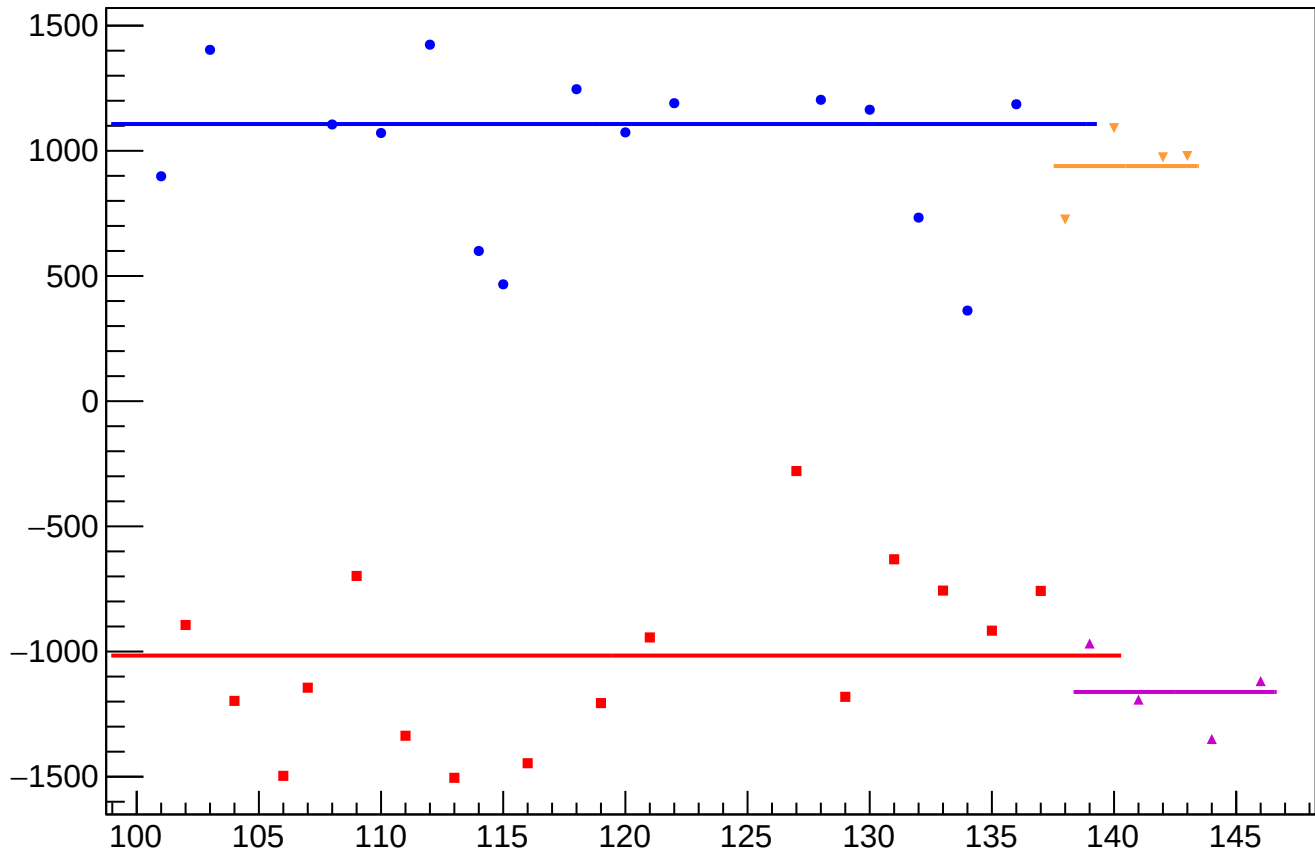
Right In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 7.205+/-0.000 χ^2/NDF : 856539831613280073836409479233536.0/3

Right Out: -6.245+/-0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15

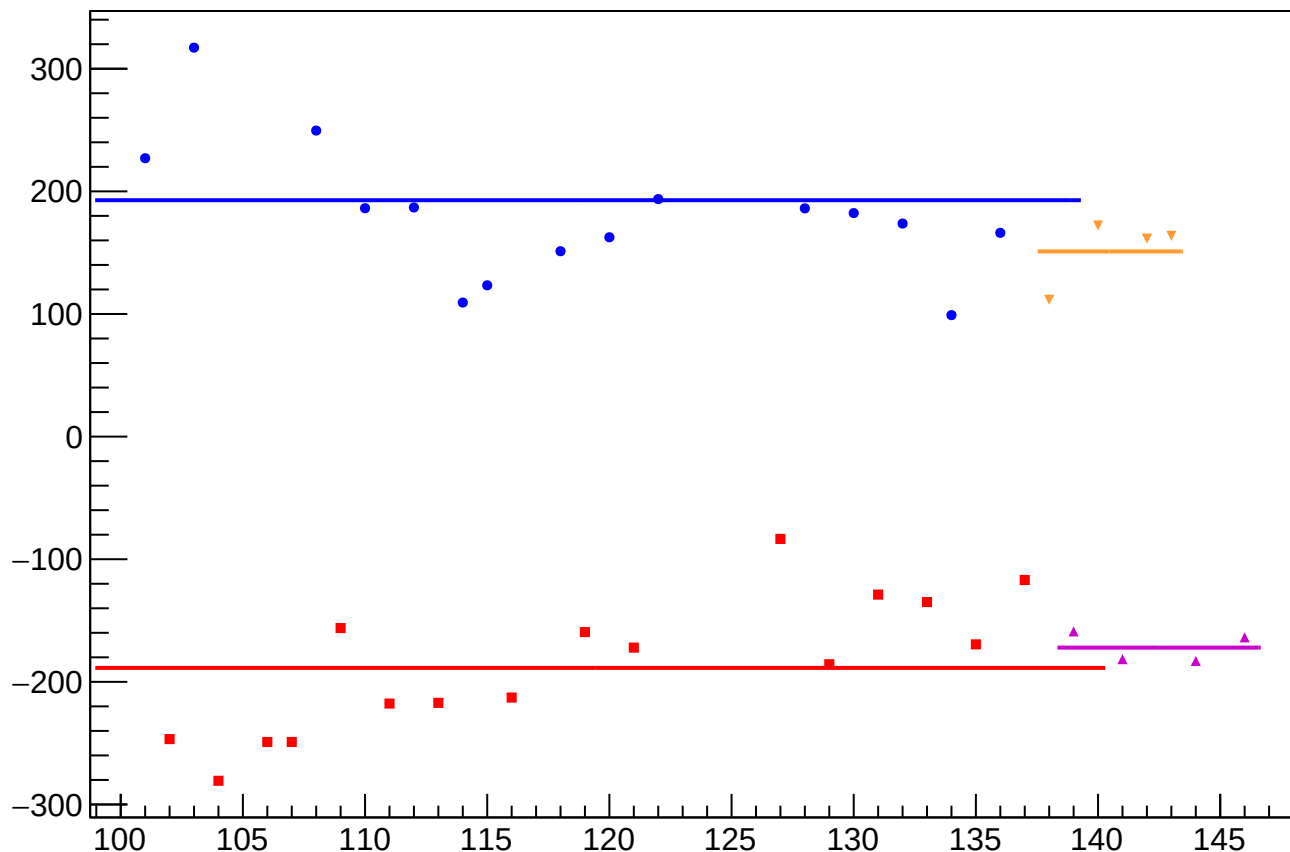
Left In: -6.244+/-0.000 χ^2/NDF : 230890425777837246693406677139456.0/3

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 $\pm$ 0.000 χ^2 /NDF: 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 $\pm$ 0.000 χ^2 /NDF: 641508227518753229804308665552863232.0/3

dit_4aY_coil4_mean vs Slug, Sign Corrected



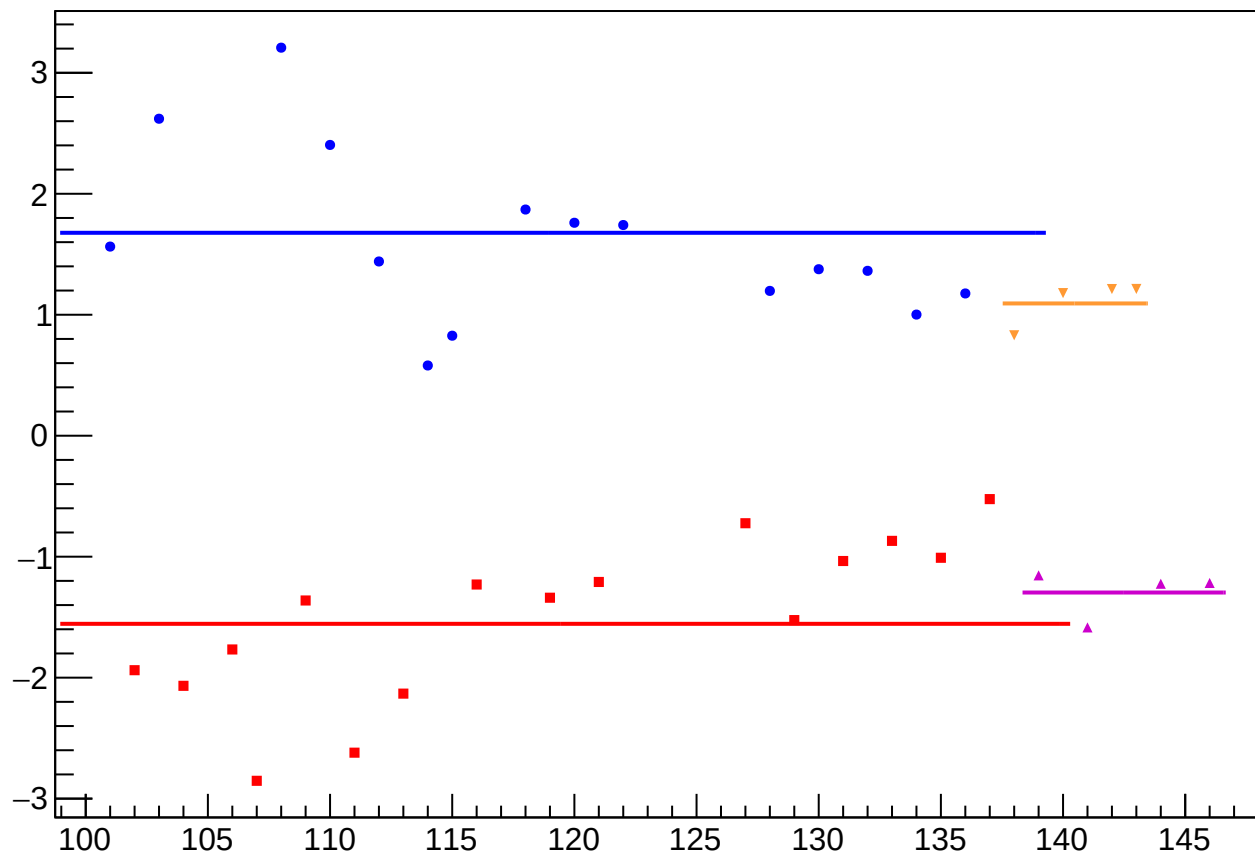
Right In: 192.771 $\pm$ 0.000 χ^2 /NDF: 1640576279746948433391816936236515328.0/14

Left Out: 150.989 $\pm$ 0.000 χ^2 /NDF: 173595742651217062142186361836273664.0/3

Right Out: -188.612 $\pm$ 0.000 χ^2 /NDF: 1922342257287674563344204730019610624.0/15

Left In: -172.074 $\pm$ 0.000 χ^2 /NDF: 38047246366530308138209104835379200.0/3

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



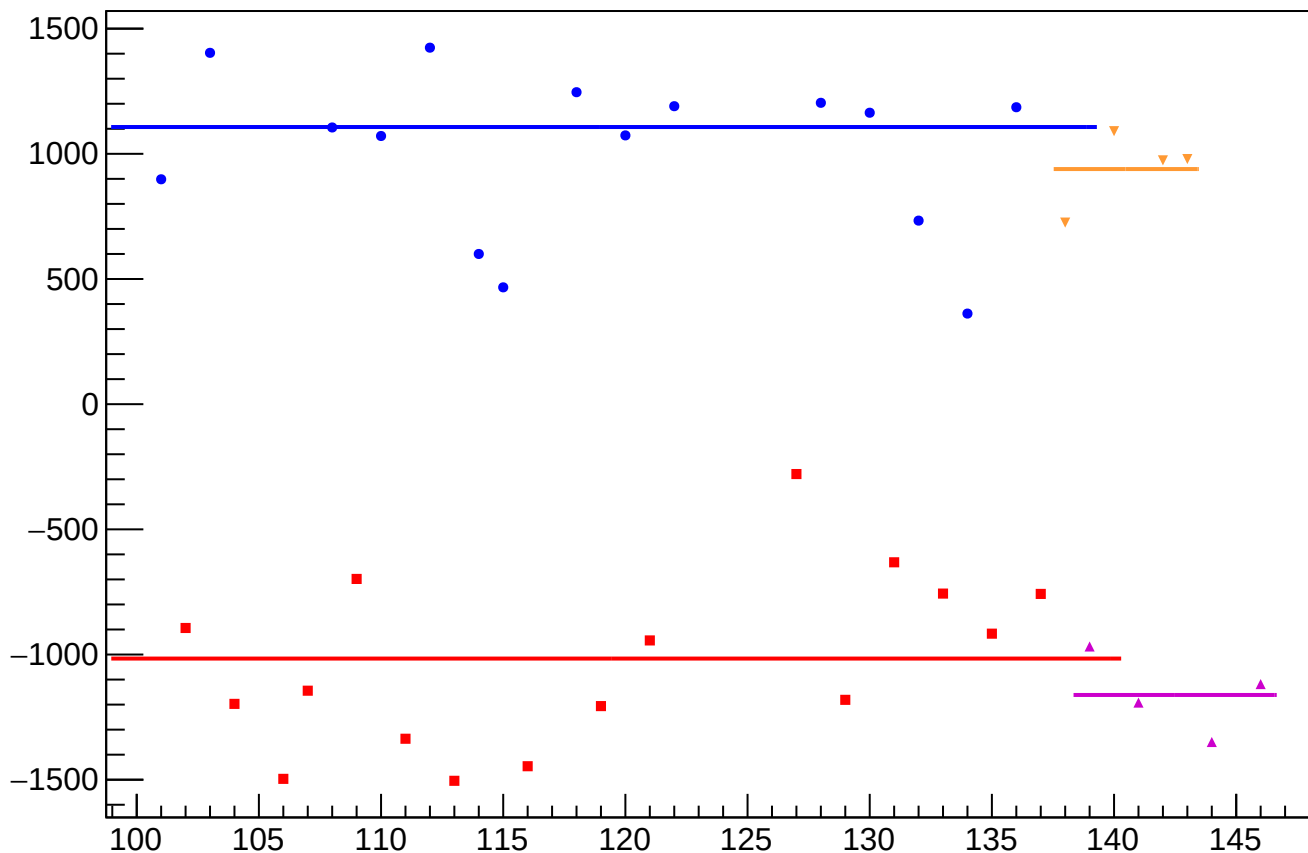
Right In: 1.677 $\pm$ 0.000 χ^2/NDF : 241879924044788593292791559225344.0/14

Left Out: 1.093 $\pm$ 0.000 χ^2/NDF : 7614645253899258187712663912448.0/3

Right Out: -1.555 $\pm$ 0.000 χ^2/NDF : 255645951433890296827677195108352.0/15

Left In: -1.296 $\pm$ 0.000 χ^2/NDF : 9684398312811148568540699688960.0/3

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



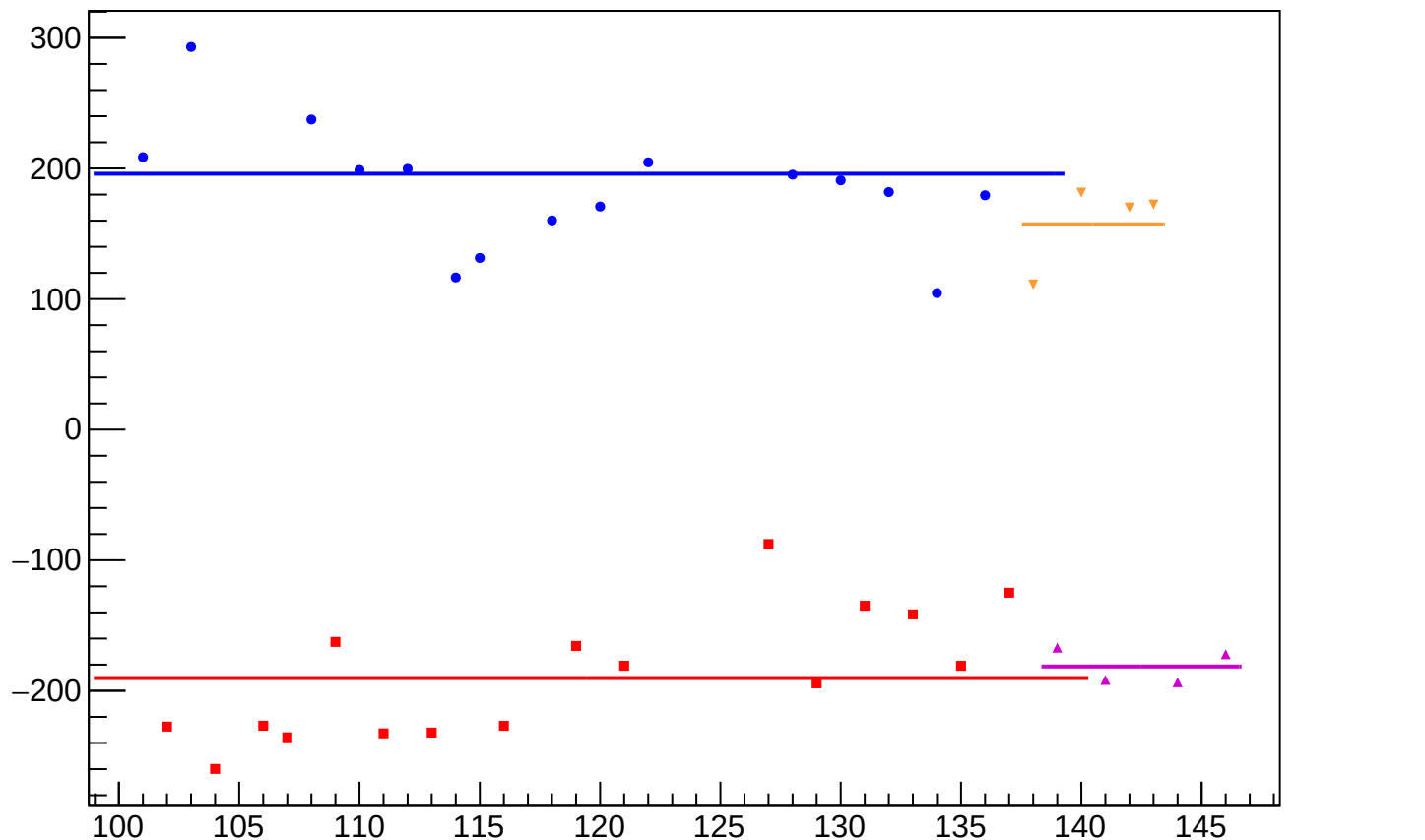
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

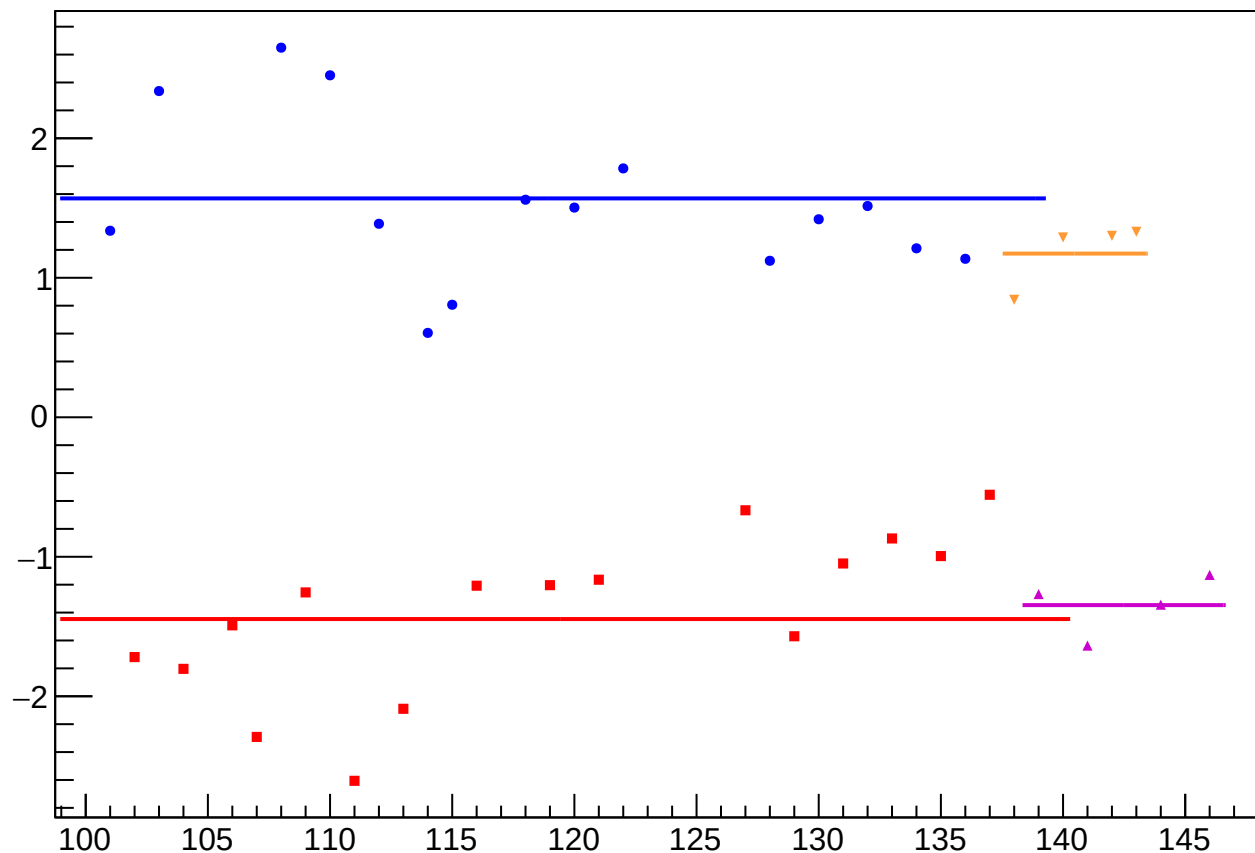
Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 195.940 +/- 0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14
 Left Out: 157.226 +/- 0.000 χ^2/NDF : 236967116488640067242739915846320128.0/3
 Right Out: -190.268 +/- 0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15
 Left In: -181.400 +/- 0.000 χ^2/NDF : 46129722307868550626734319018704896.0/3

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



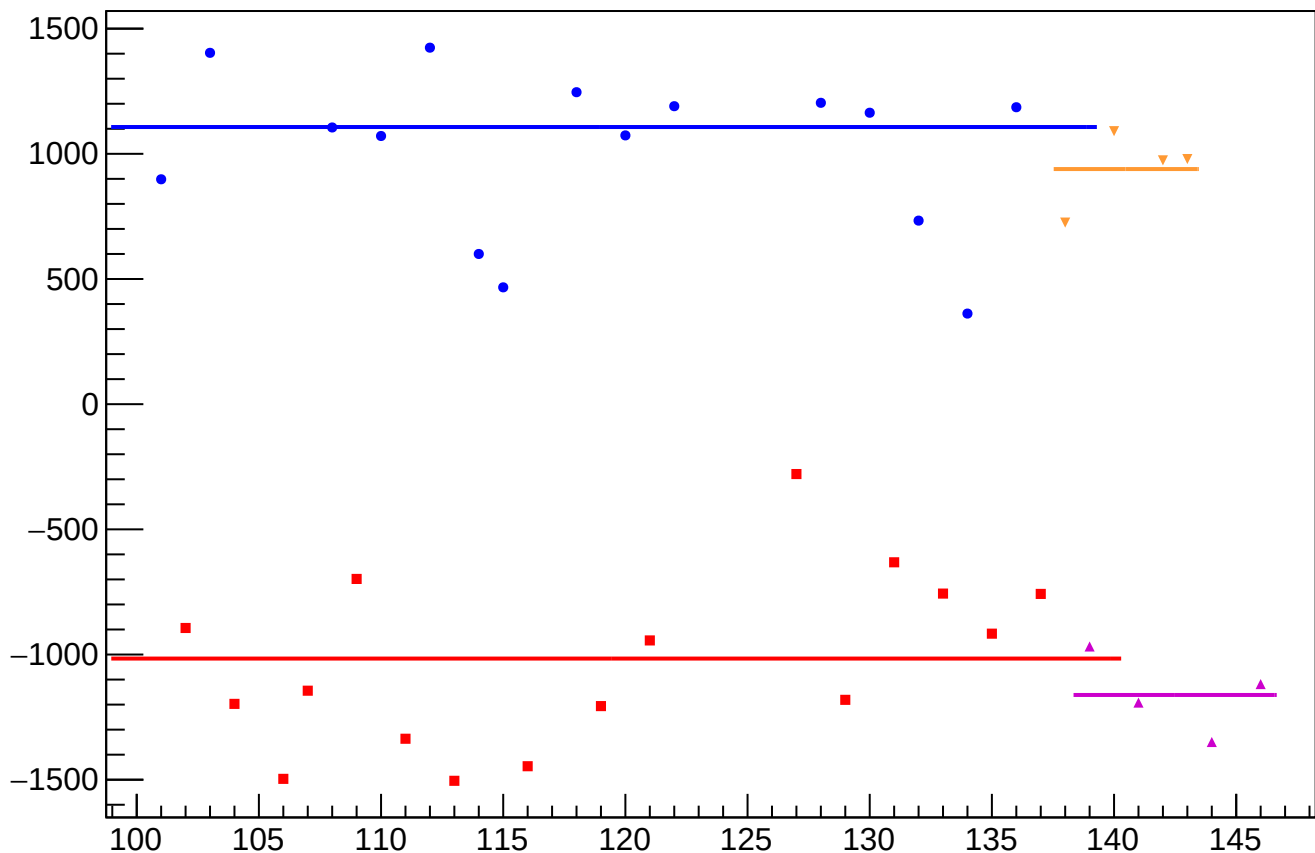
Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.173+/-0.000 χ^2/NDF : 12032967383377170206819209969664.0/3

Right Out: -1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

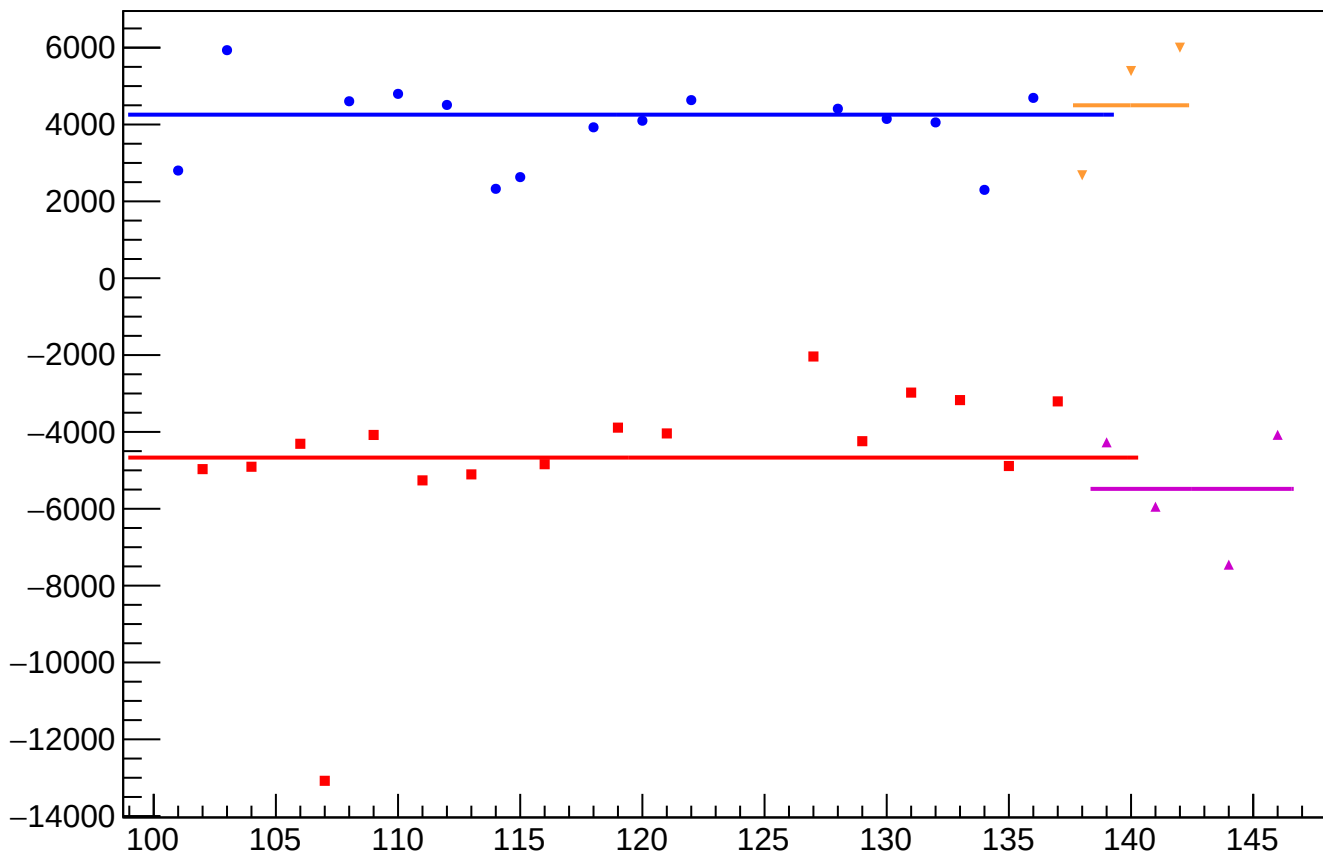
Left In: -1.347+/-0.000 χ^2/NDF : 11557636670830707203375540207616.0/3

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 +/- 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 +/- 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_usl_coil4_mean vs Slug, Sign Corrected



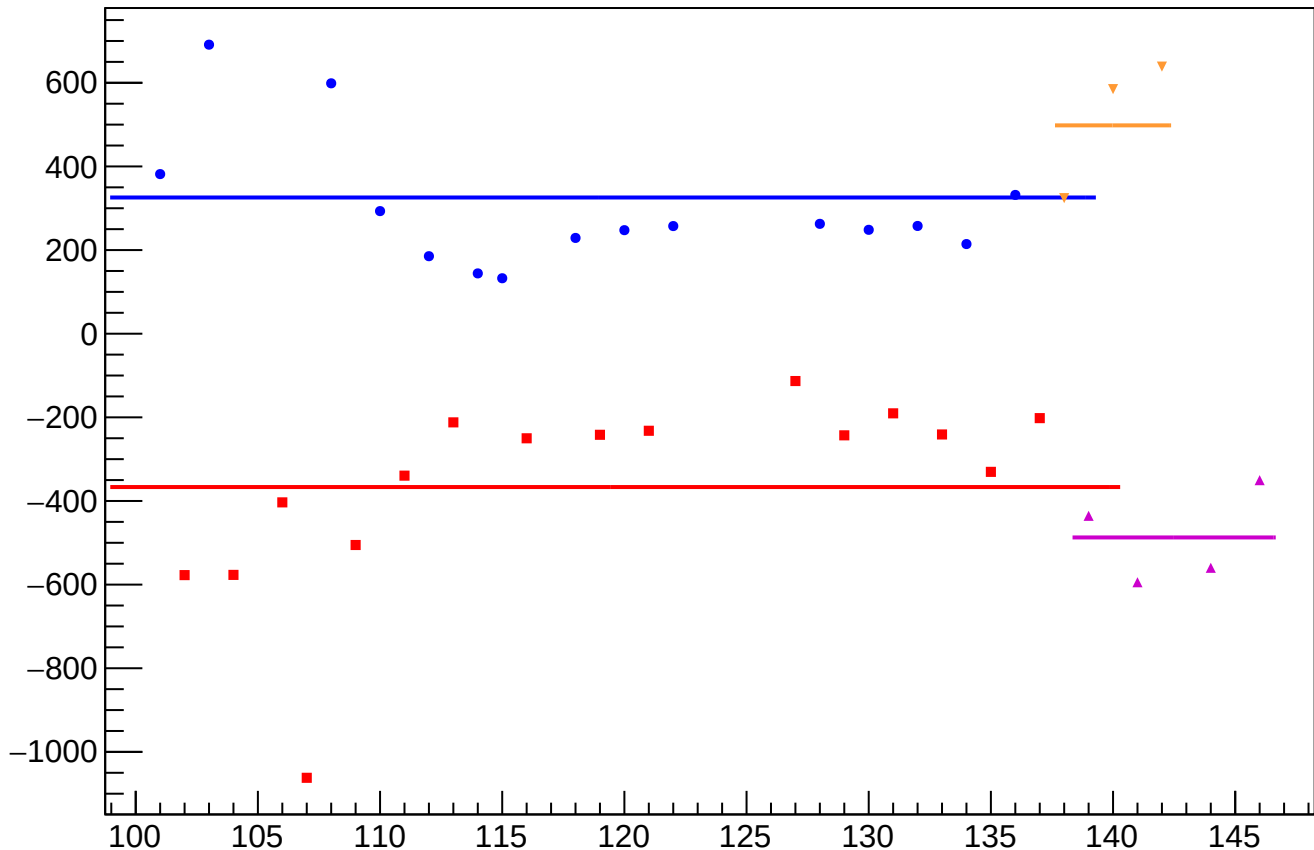
Right In: 4256.386+/-0.000 χ^2/NDF : 498605412551624859672454954159576186880.0/14

Left Out: 4500.190+/-0.000 χ^2/NDF : 427475872101099487433708452323902095360.0/2

Right Out: -4667.832+/-0.000 χ^2/NDF : 3201925535782807450320951772159309512704.0/15

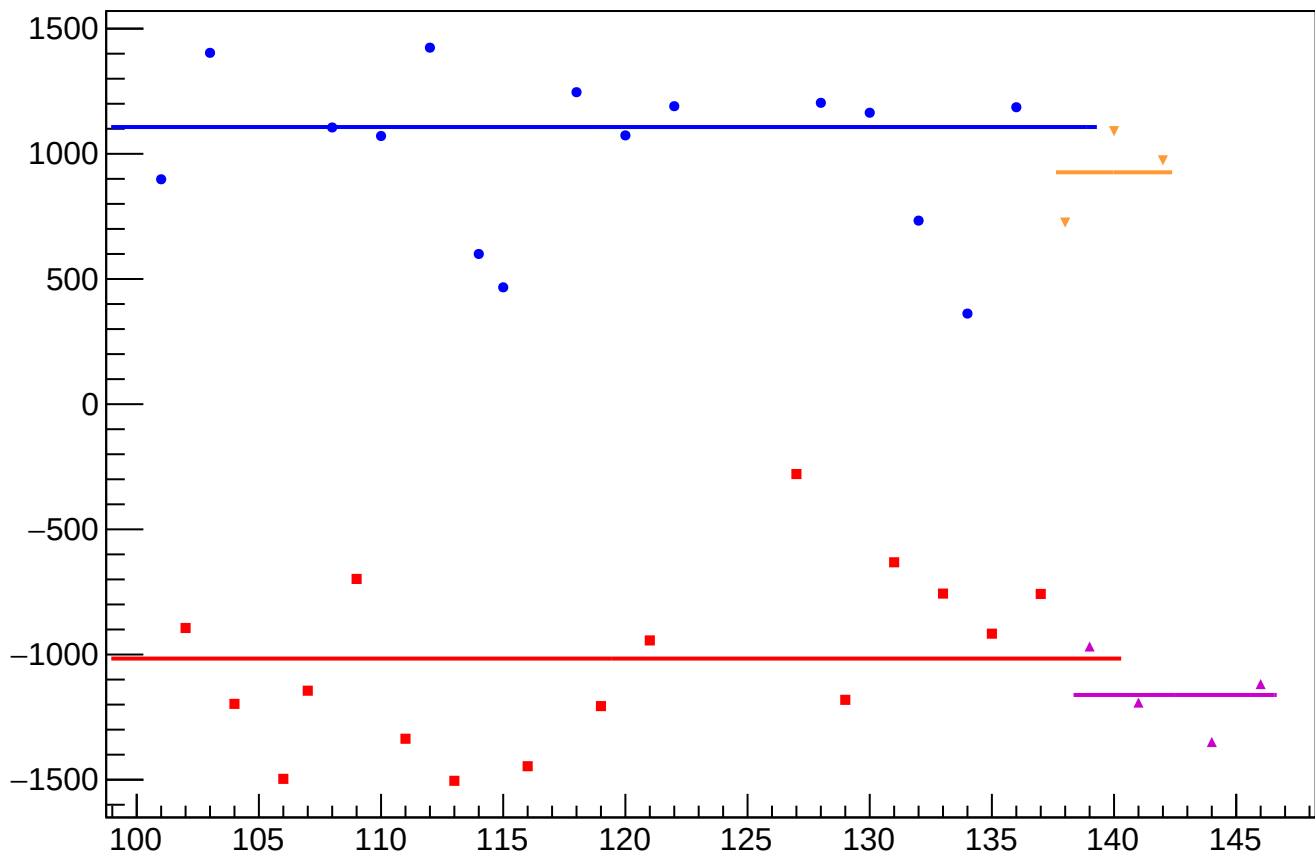
Left In: -5482.025+/-0.000 χ^2/NDF : 647630588764071272526639206438476447744.0/3

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 325.732 +/- 0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14
 Left Out: 498.198 +/- 0.000 χ^2/NDF : 3885420750871427656084196852087390208.0/2
 Right Out: -366.682 +/- 0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15
 Left In: -487.209 +/- 0.000 χ^2/NDF : 3217673076062534372404153073602134016.0/3

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



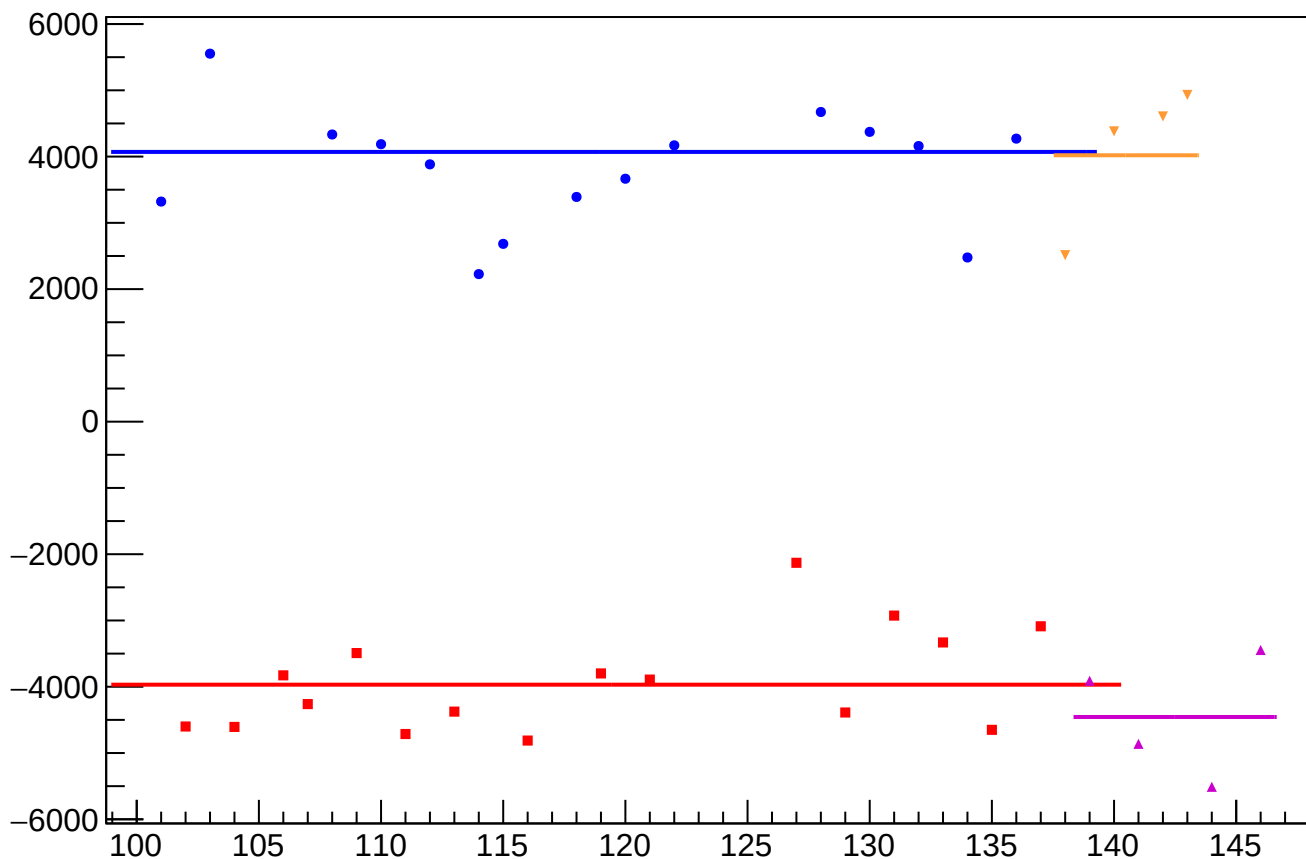
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: -1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

dit_usr_coil4_mean vs Slug, Sign Corrected



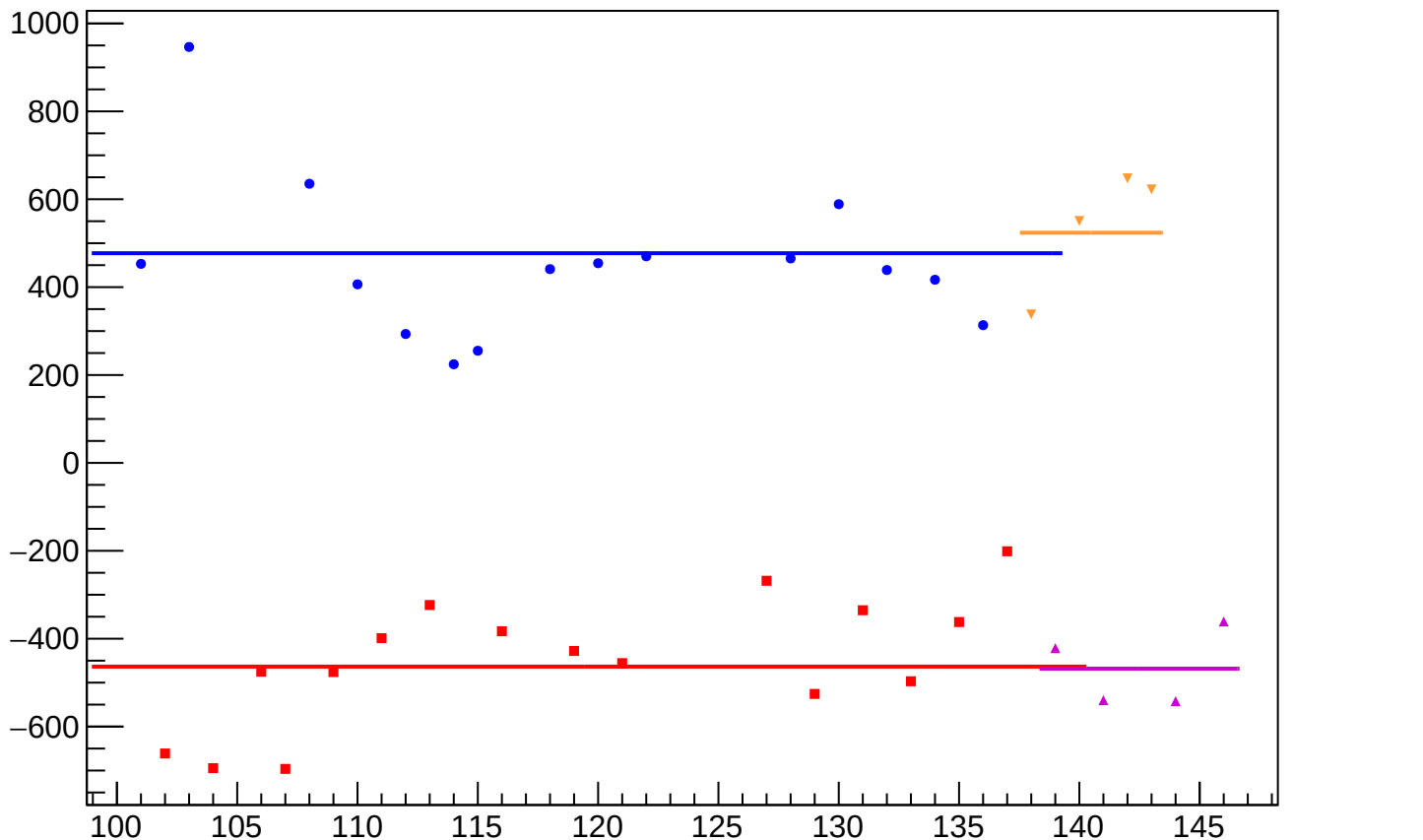
Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14

Left Out: 4019.640+/-0.000 χ^2/NDF : 259256801167766499591979047666170462208.0/3

Right Out: -3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15

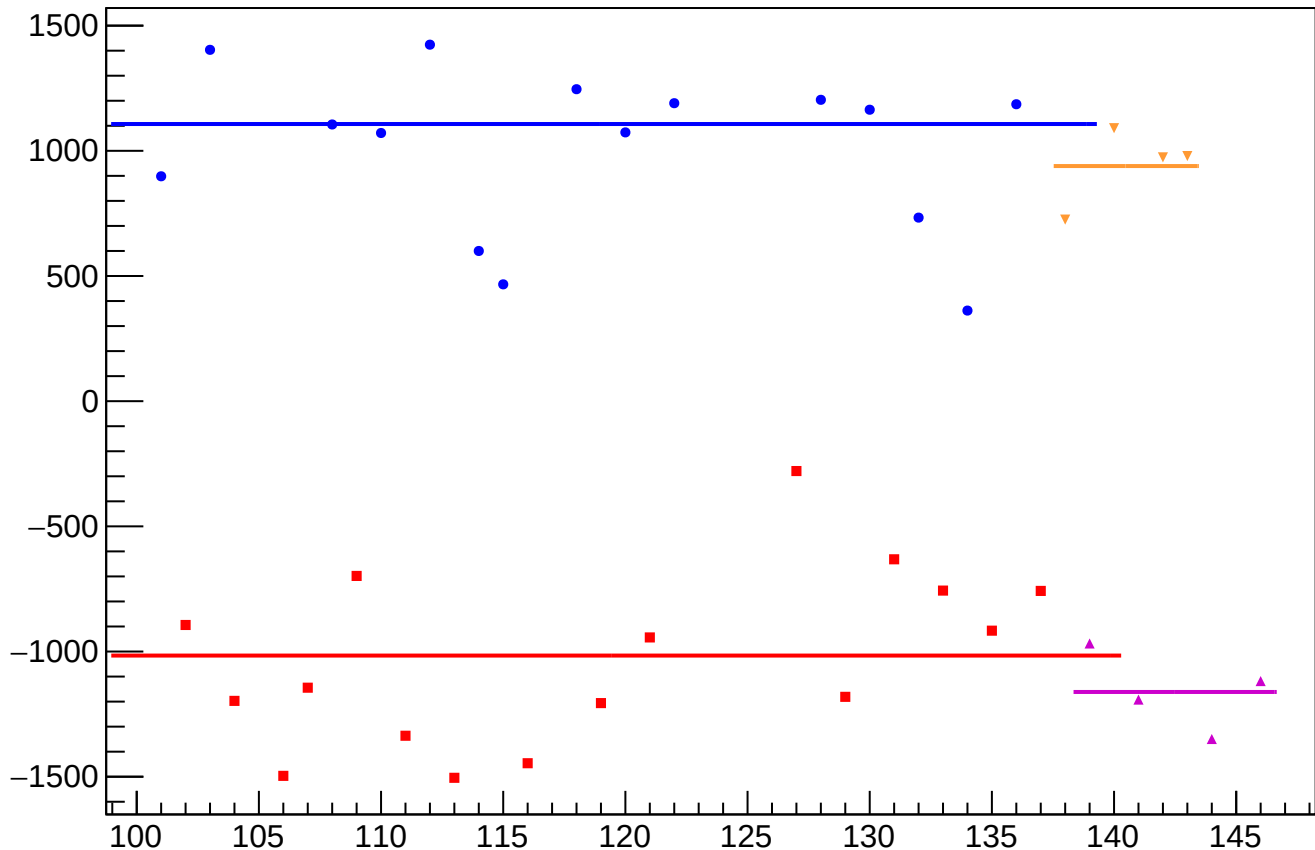
Left In: -4456.351+/-0.000 χ^2/NDF : 221688297500953854606116381791262605312.0/3

dit_usr_coil4_err_mean vs Slug, Sign Corrected



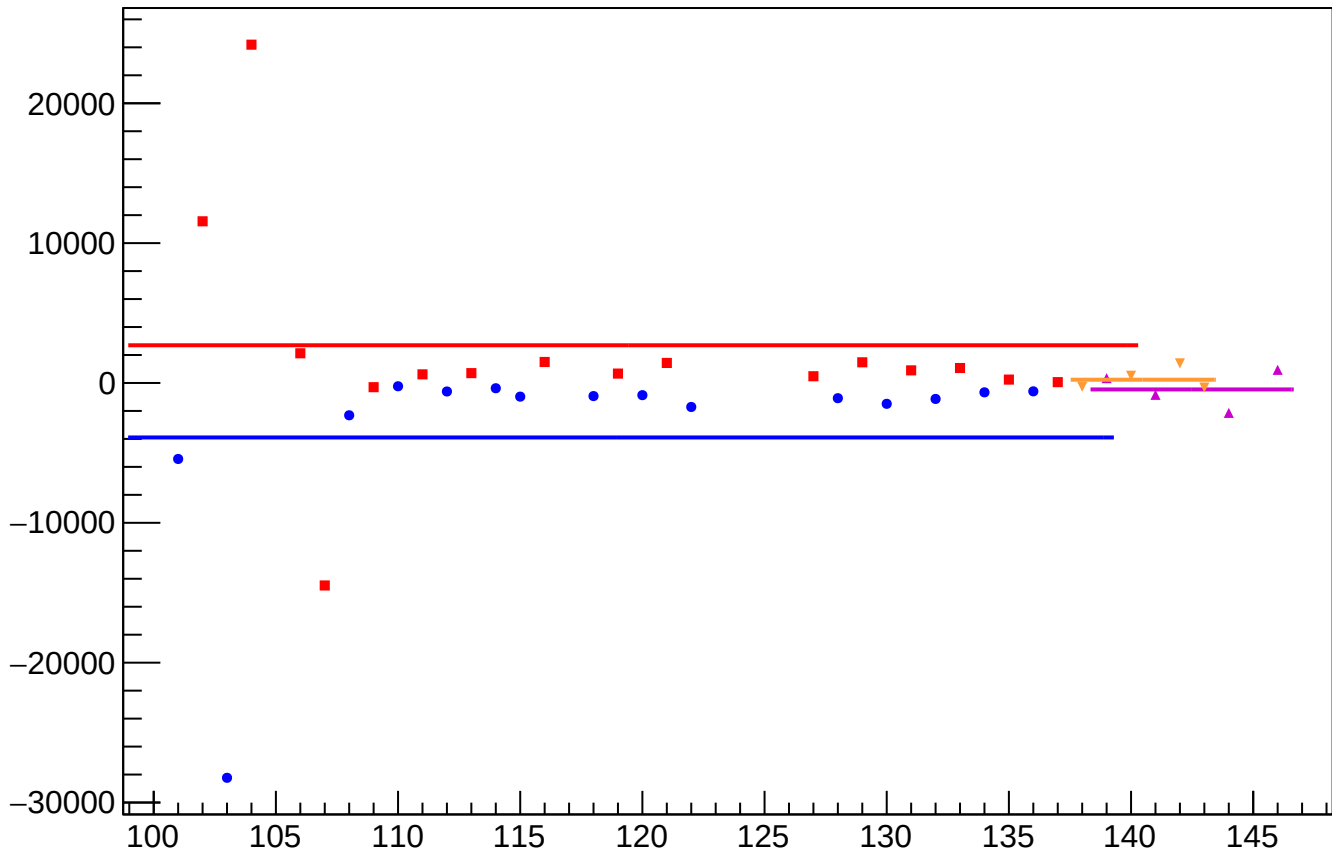
Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14
 Left Out: 523.755+/-0.000 χ^2/NDF : 4111288803990894067473998214644891648.0/3
 Right Out: -463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15
 Left In: -468.117+/-0.000 χ^2/NDF : 2057890020258326350654917971151945728.0/3

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



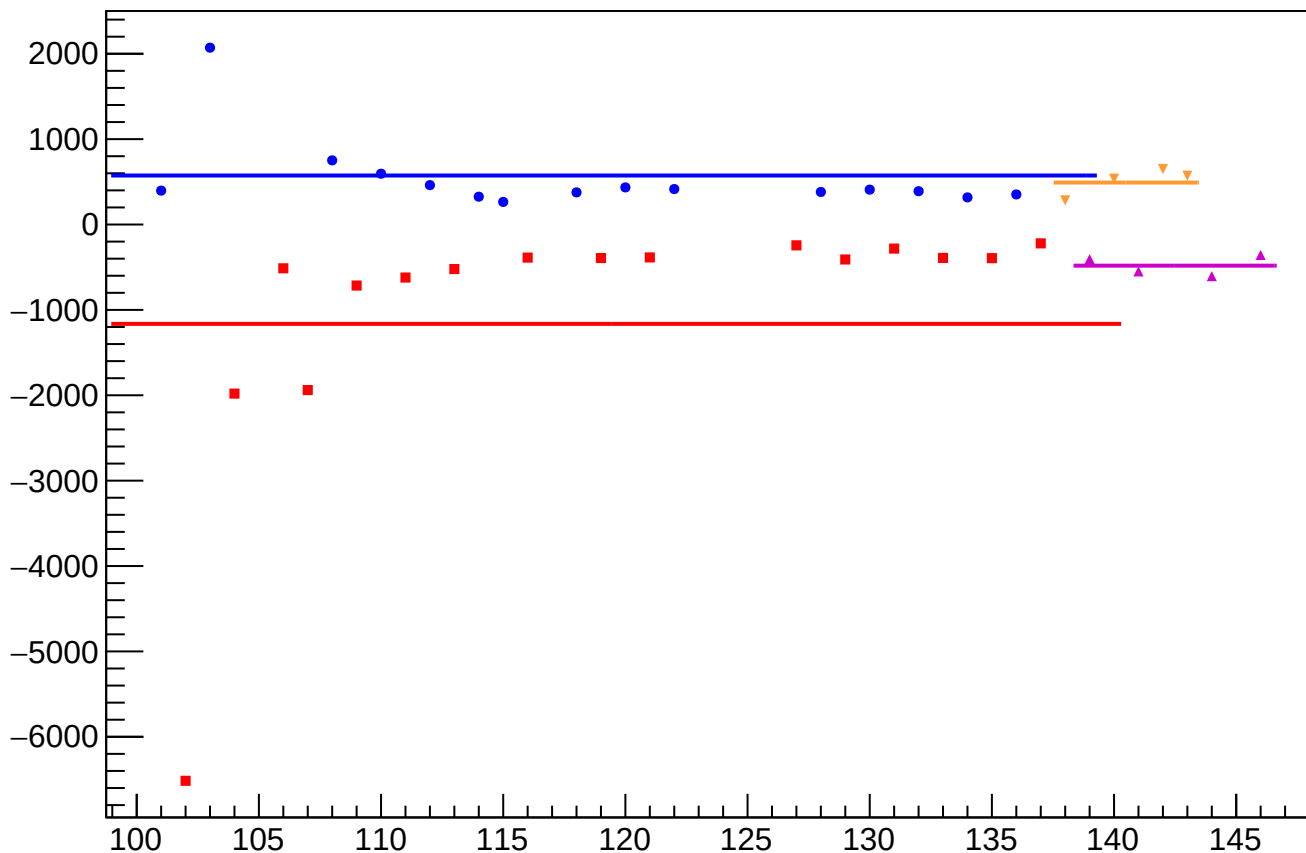
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 ± 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 ± 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: -3896.522 +/- 0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: 233.503 +/- 0.000 χ^2/NDF : 110267501983986472792132507117580976128.0/3
 Right Out: 2695.992 +/- 0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -462.597 +/- 0.000 χ^2/NDF : 478192317564498132211947094038875734016.0/3

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



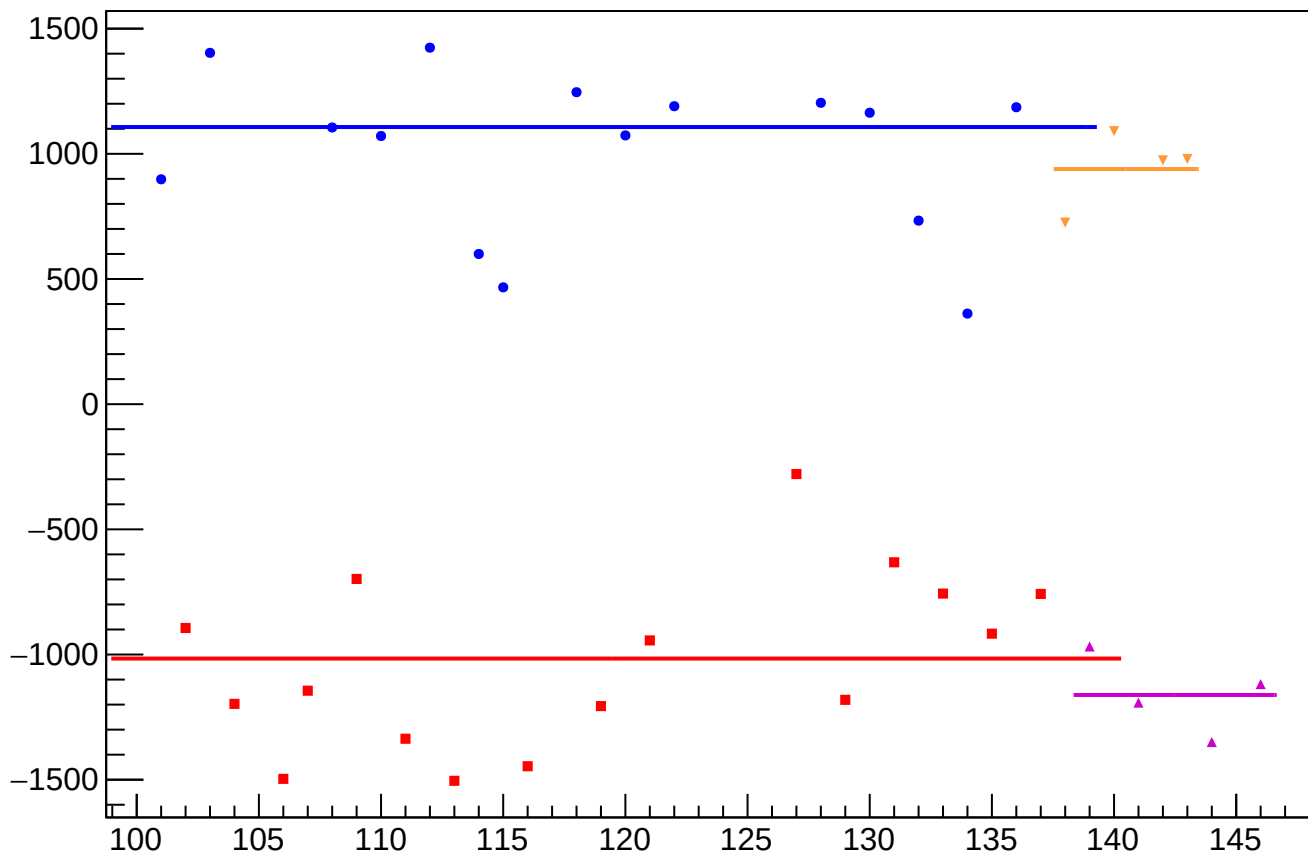
Right In: 574.055 +/- 0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

Left Out: 491.653 +/- 0.000 χ^2/NDF : 5141159459776657785868254059876581376.0/3

Right Out: -1163.697 +/- 0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15

Left In: -481.802 +/- 0.000 χ^2/NDF : 3515989015110379527299465485744078848.0/3

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



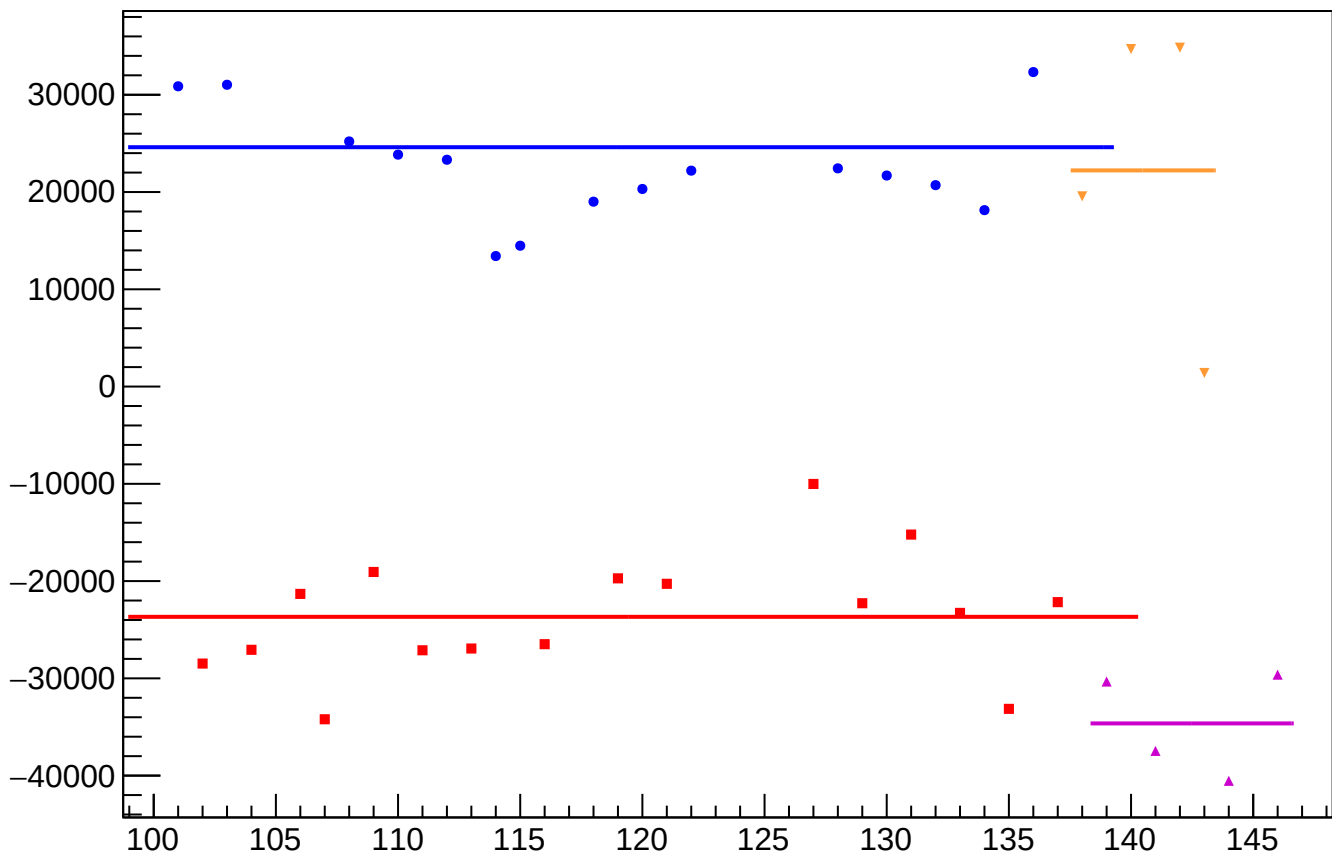
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150 ± 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

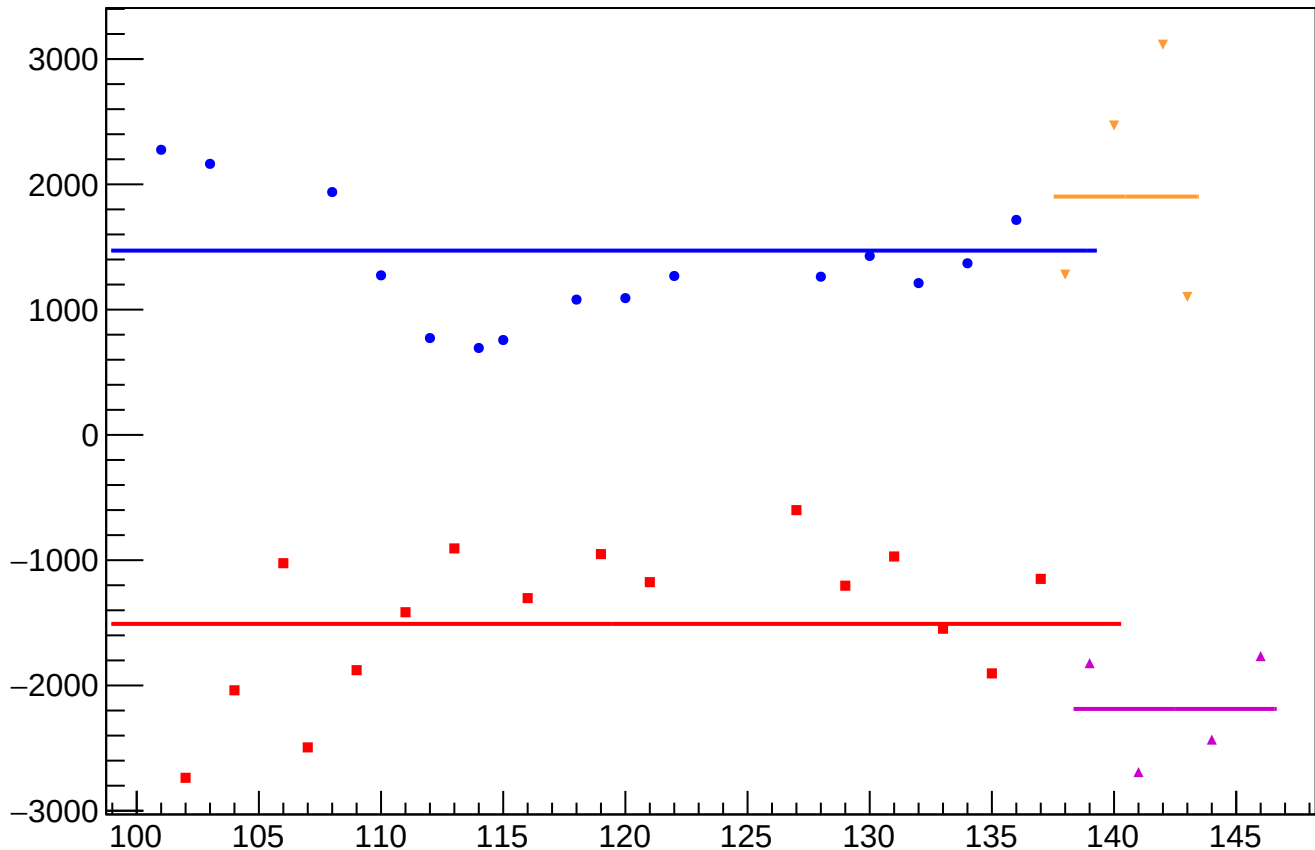
Left In: -1161.518 ± 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_atl2_coil4_mean vs Slug, Sign Corrected



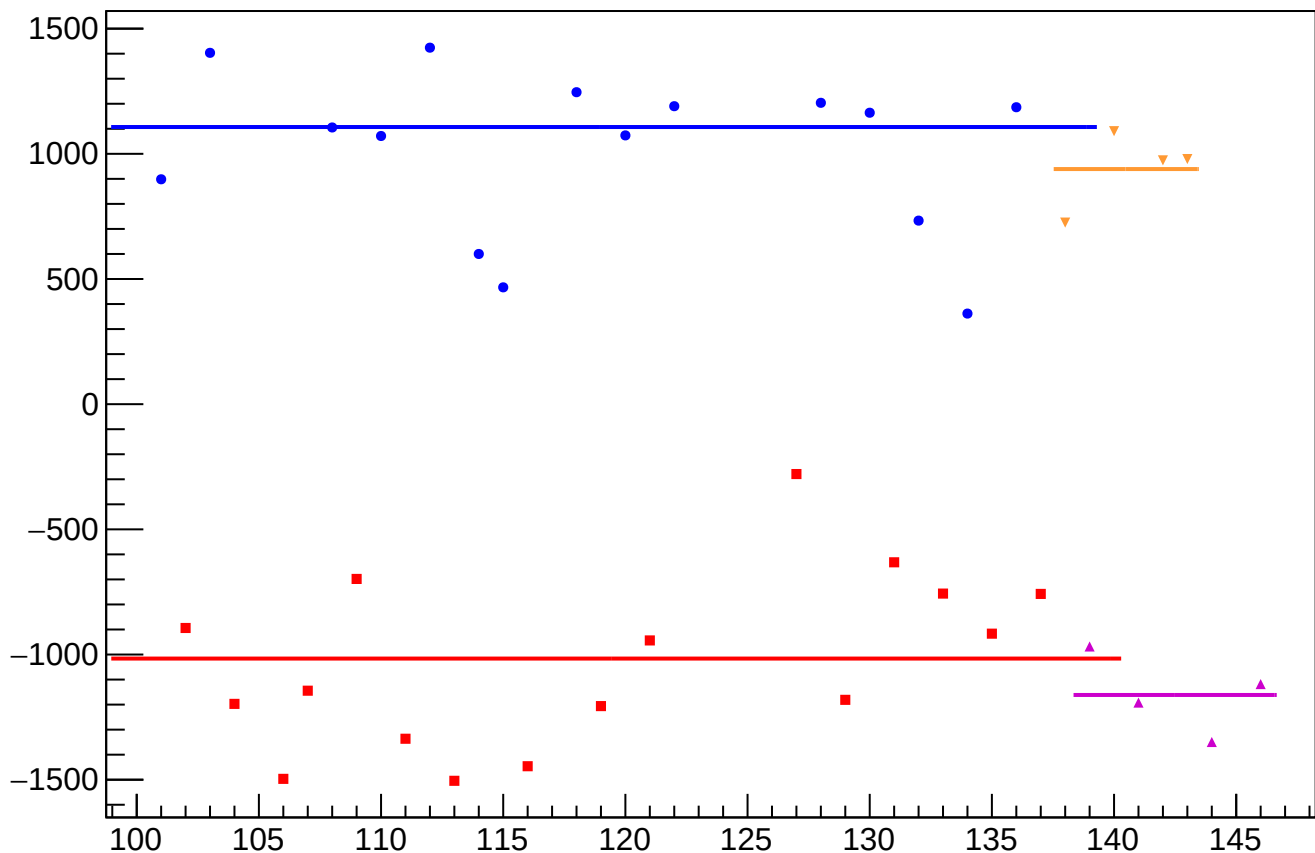
Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 22224.489+/-0.000 χ^2/NDF : 49710012834411572480566654825771179180032.0/3
 Right Out: -23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: -34634.219+/-0.000 χ^2/NDF : 7365300019099663394561006855872090996736.0/3

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



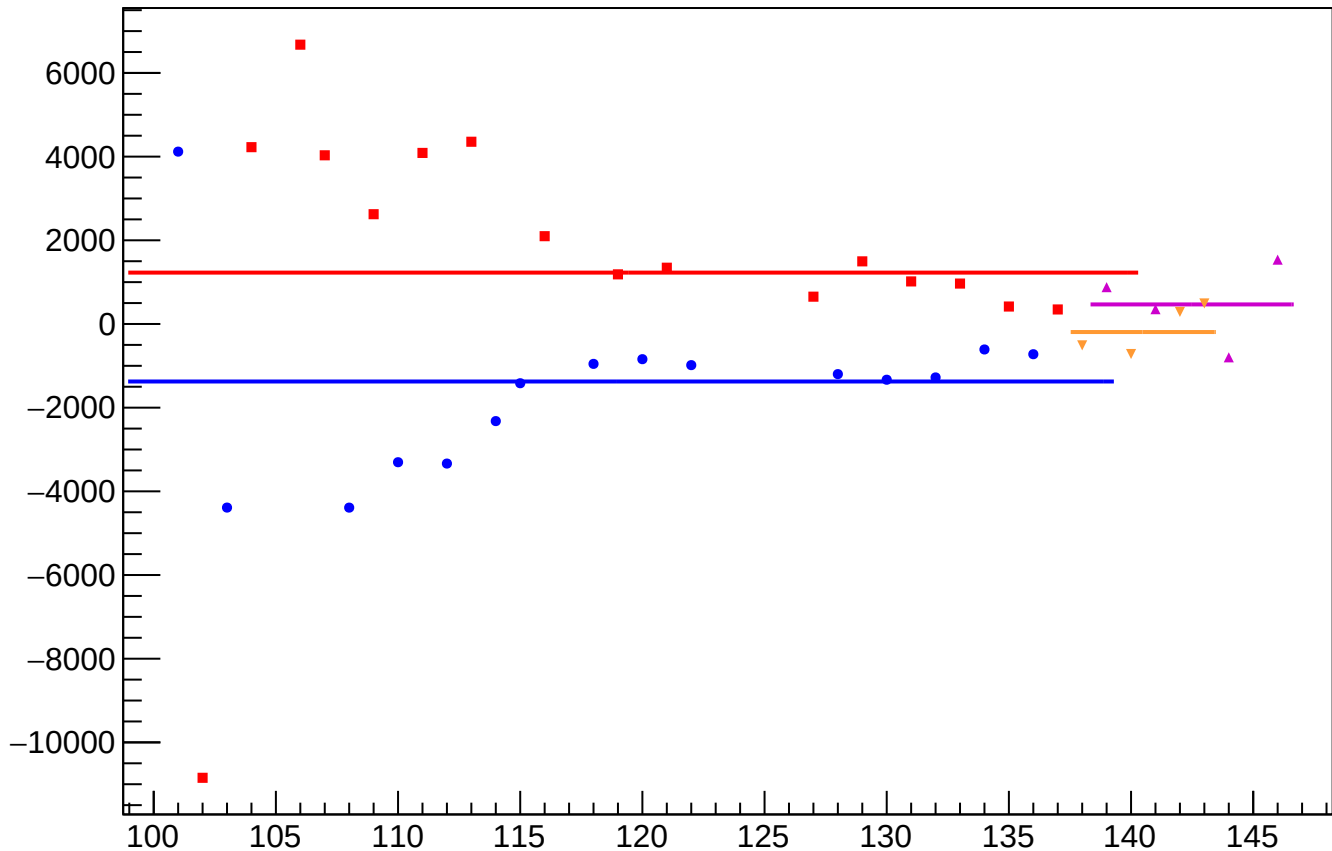
Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14
 Left Out: 1902.282+/-0.000 χ^2/NDF : 167285626624842993773234689208519491584.0/3
 Right Out: -1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15
 Left In: -2187.224+/-0.000 χ^2/NDF : 52493941405815191863450079929888145408.0/3

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



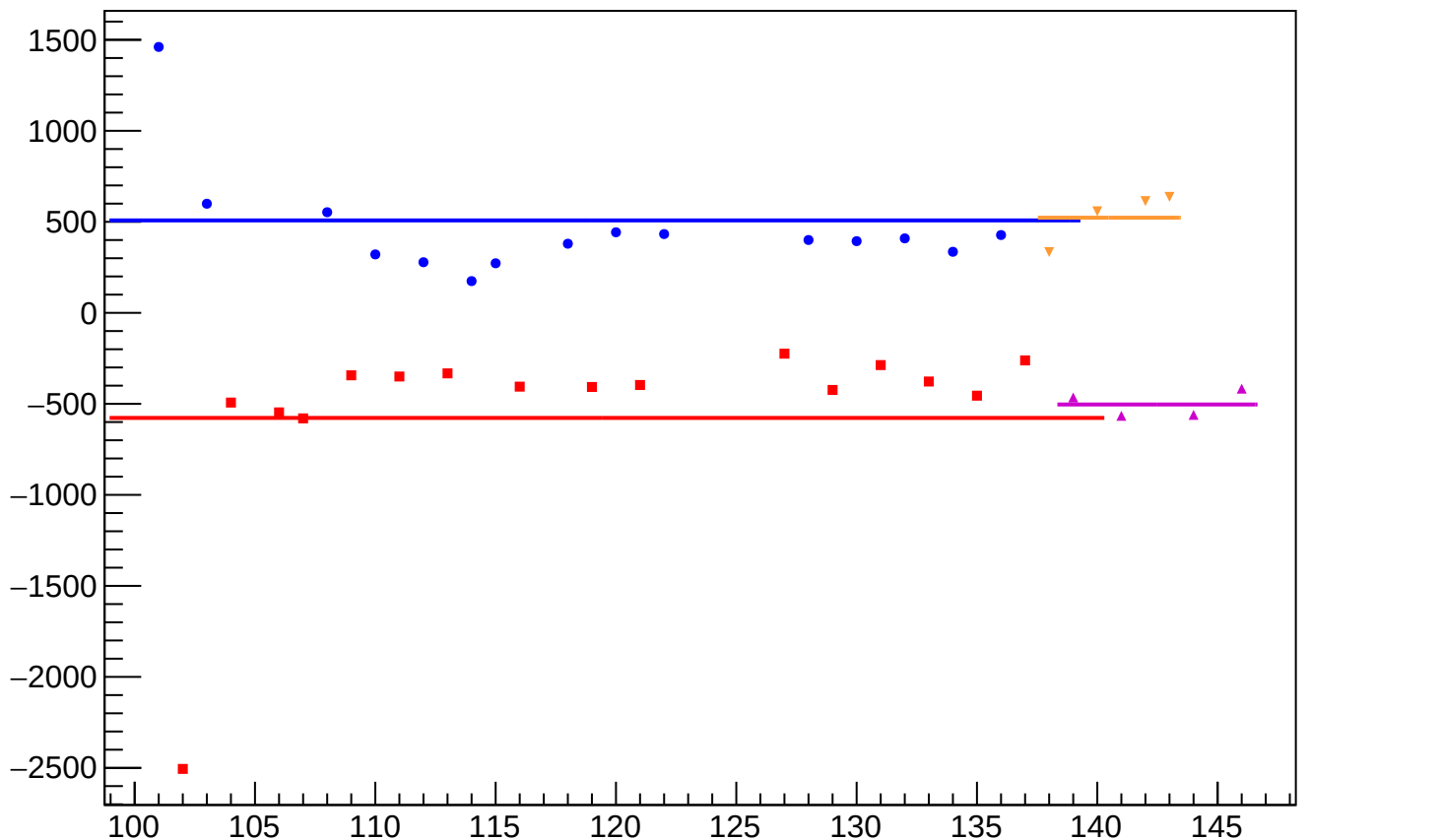
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_atr1_coil4_mean vs Slug, Sign Corrected



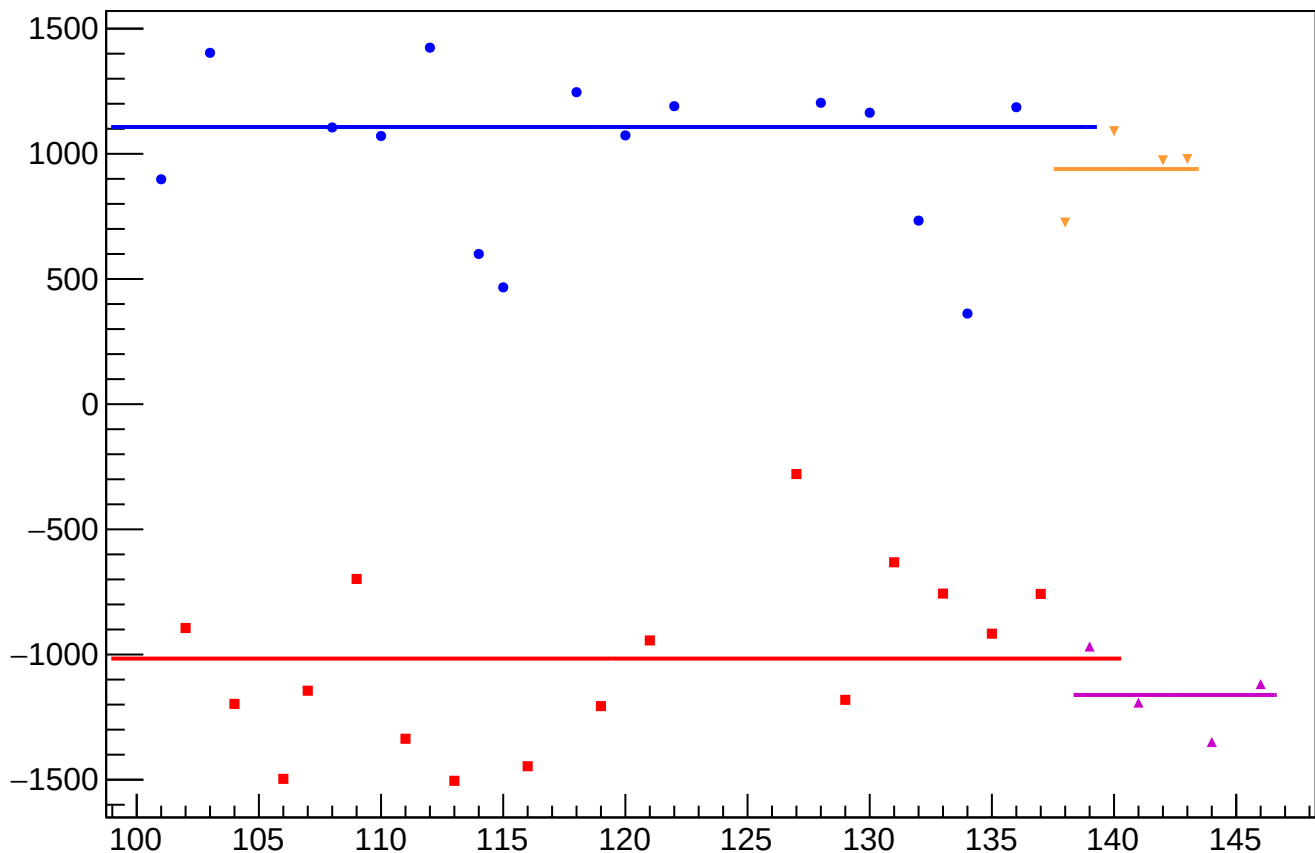
Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14
 Left Out: -192.438+/-0.000 χ^2/NDF : 72487368661477737738123327990927458304.0/3
 Right Out: 1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15
 Left In: 467.518+/-0.000 χ^2/NDF : 252189431833471155373252182378236870656.0/3

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



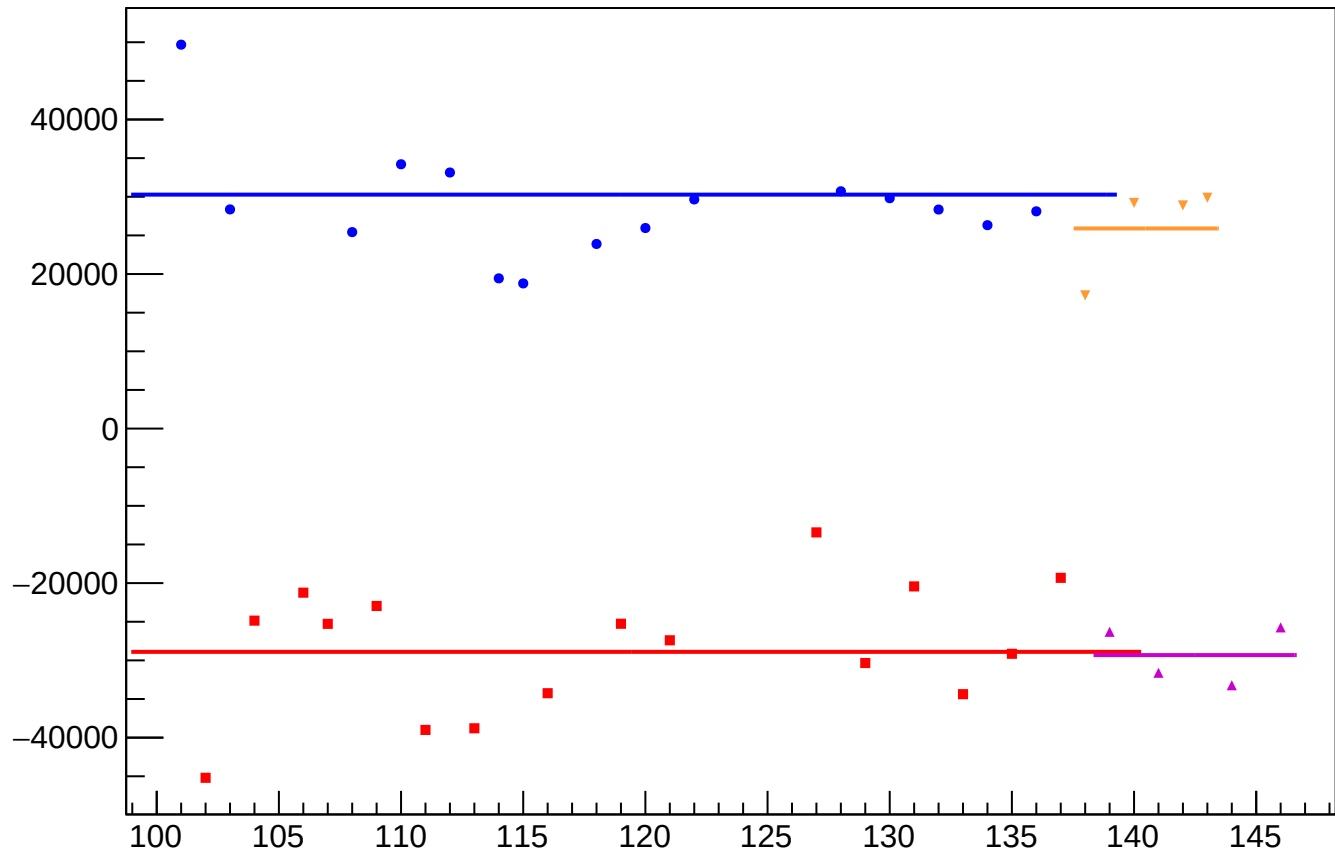
Right In: 507.809 +/- 0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14
 Left Out: 522.757 +/- 0.000 χ^2/NDF : 4137976801941350690116026547574931456.0/3
 Right Out: -577.250 +/- 0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15
 Left In: -503.447 +/- 0.000 χ^2/NDF : 1367206398030197814022623613008478208.0/3

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



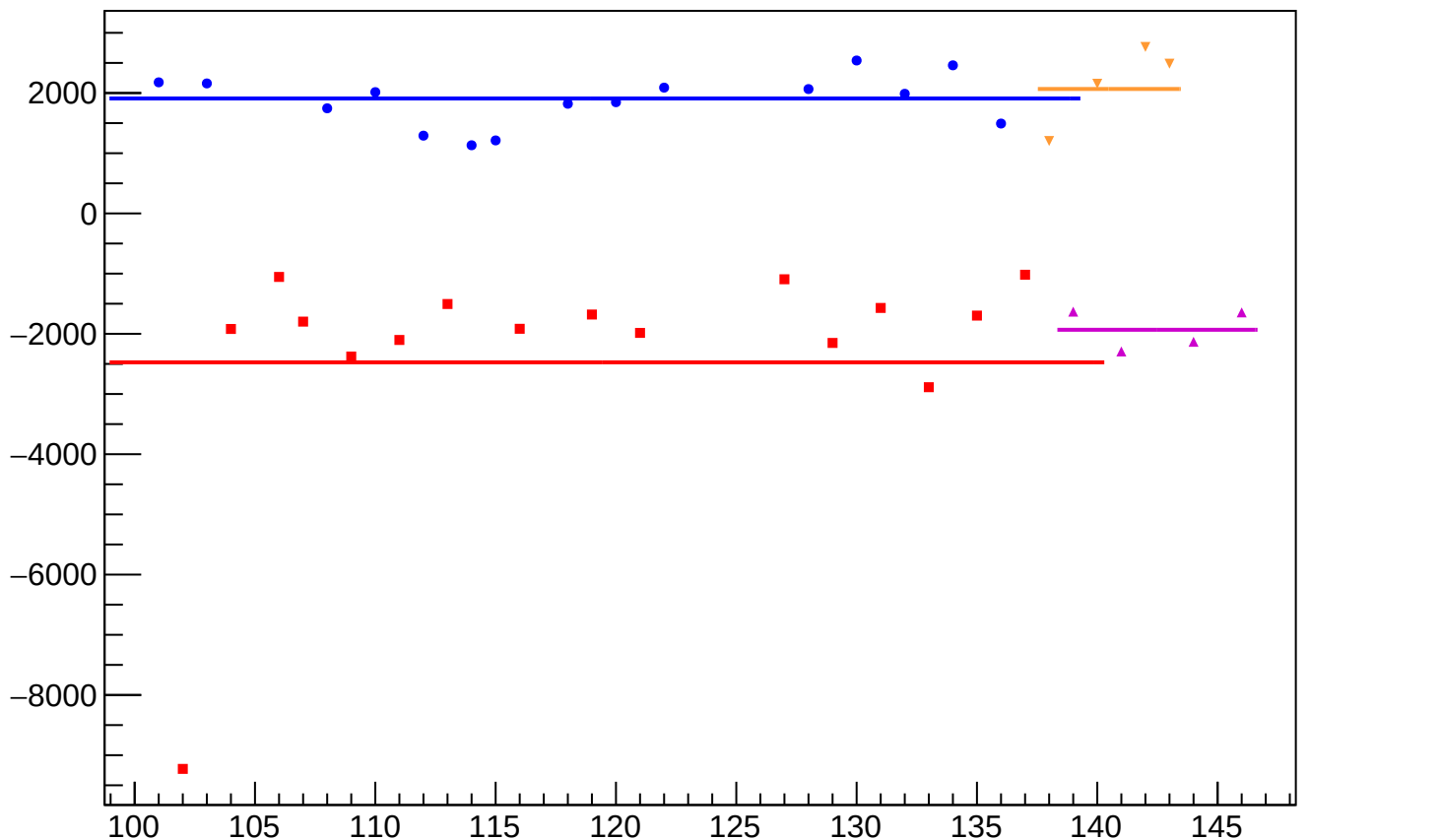
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 +/- 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 +/- 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_atr2_coil4_mean vs Slug, Sign Corrected



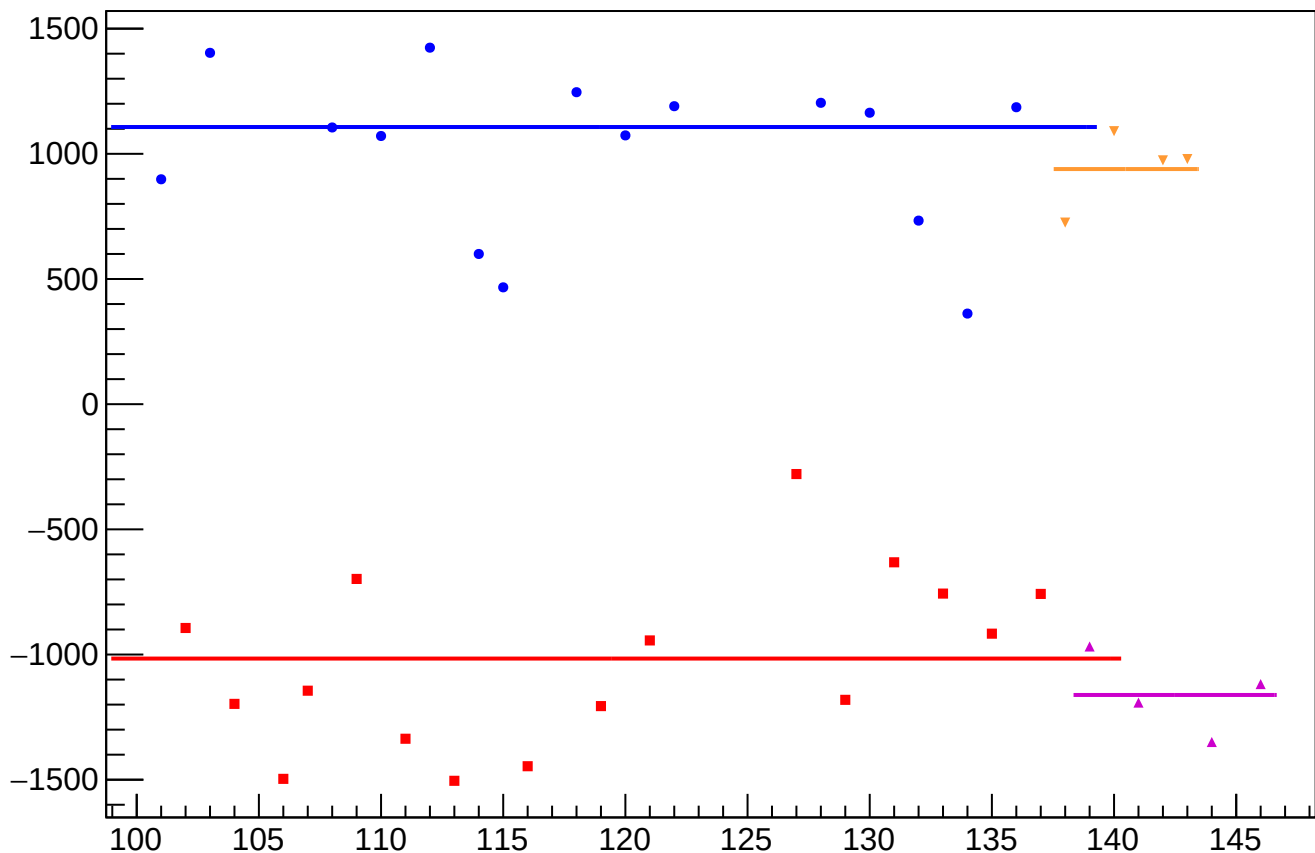
Right In: 30277.649+/-0.000 χ^2/NDF : 30975974641524142453090022540760519278592.0/14
 Left Out: 25898.497+/-0.000 χ^2/NDF : 8215079228977158177293397887216496148480.0/3
 Right Out: -28896.318+/-0.000 χ^2/NDF : 46969504058010359146250560228409714147328.0/15
 Left In: -29316.421+/-0.000 χ^2/NDF : 3604378711799768128097000101599248384000.0/3

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



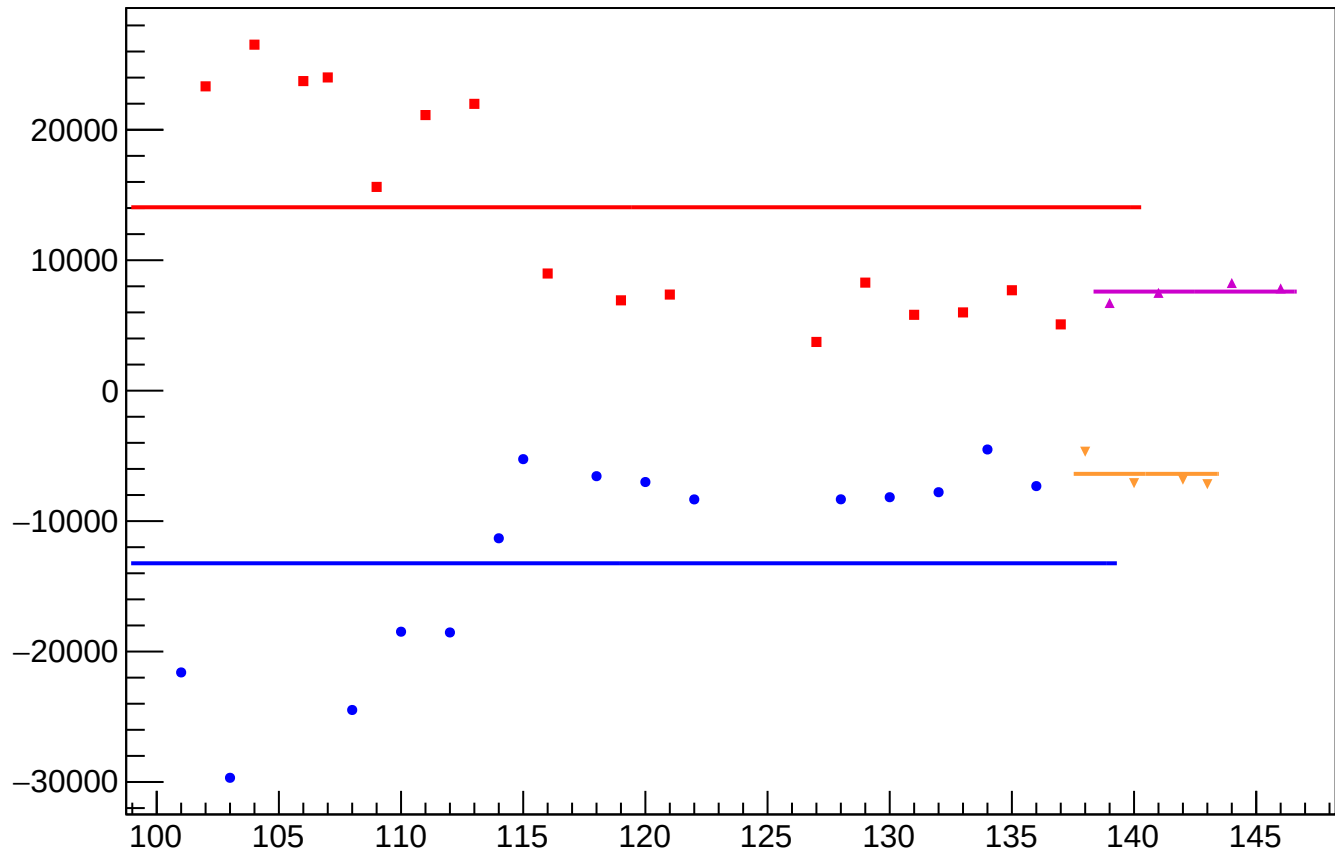
Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14
 Left Out: 2067.066+/-0.000 χ^2/NDF : 93144148052591039965764245047383949312.0/3
 Right Out: -2473.977+/-0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15
 Left In: -1932.895+/-0.000 χ^2/NDF : 28825519095123048053395028192853491712.0/3

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



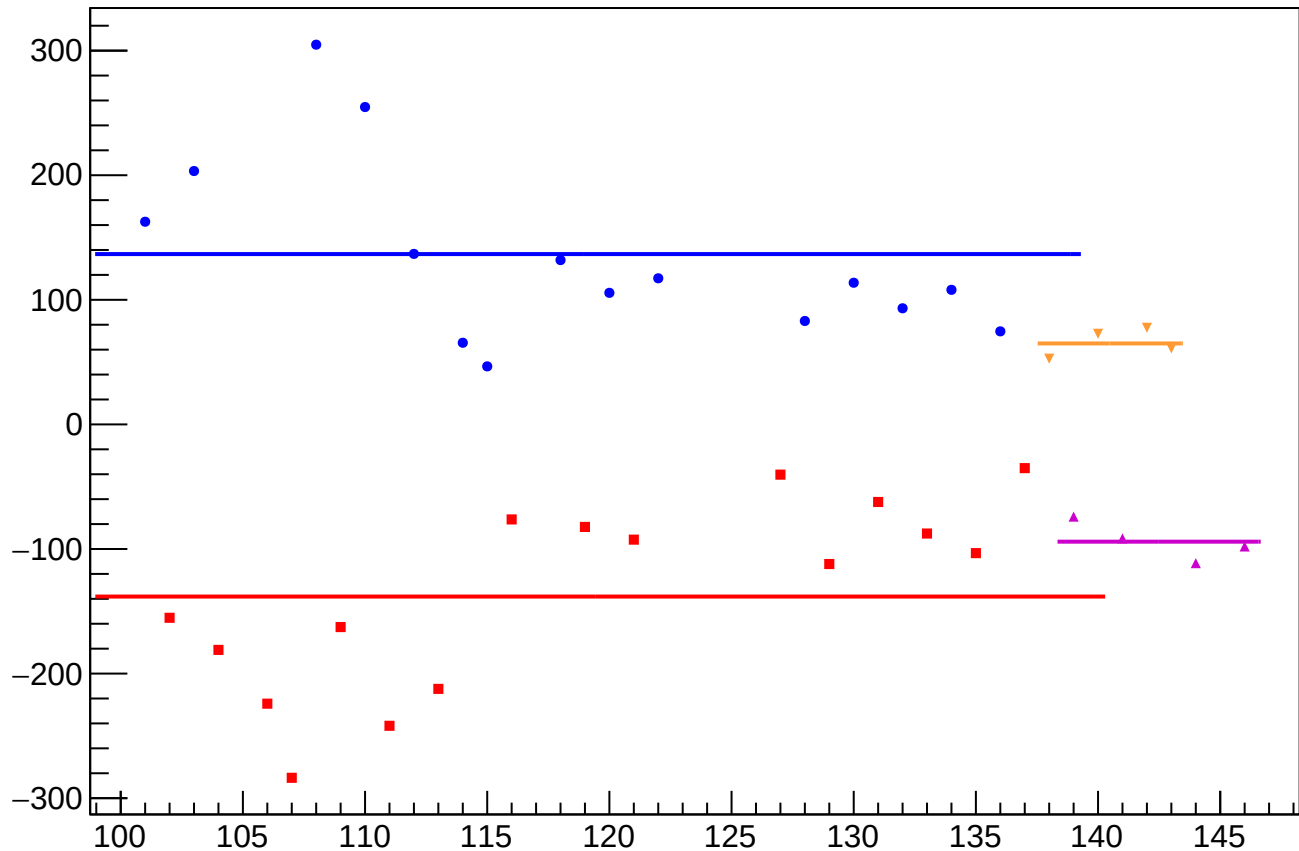
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -6377.530+/-0.000 χ^2/NDF : 318210660668552068845124030545811996672.0/3
 Right Out: 14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: 7595.182+/-0.000 χ^2/NDF : 10614298188233542472698843066758332416.0/3

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



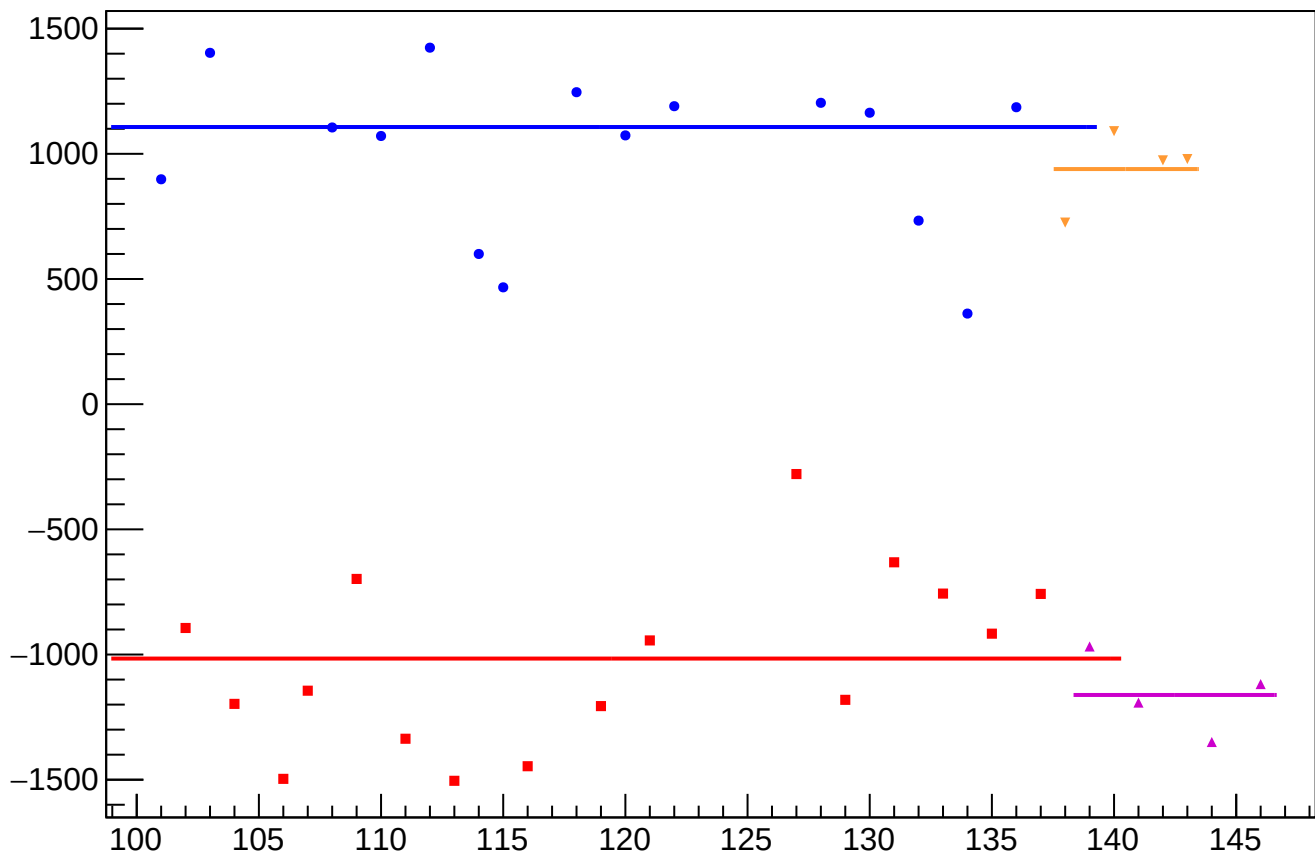
Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14

Left Out: 64.979+/-0.000 χ^2/NDF : 24940747173616948500035033377013760.0/3

Right Out: -138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15

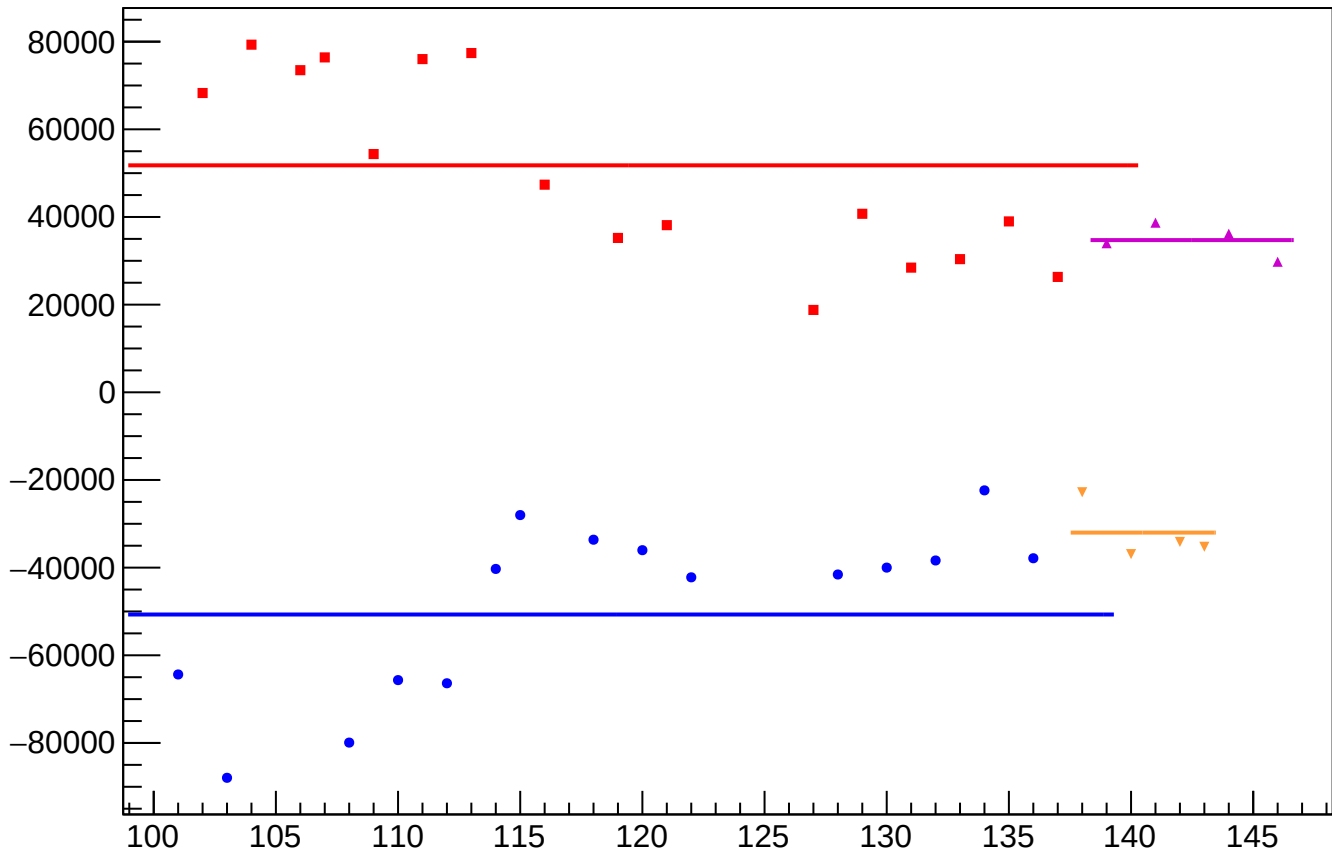
Left In: -94.122+/-0.000 χ^2/NDF : 61070375927798447262796891578957824.0/3

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



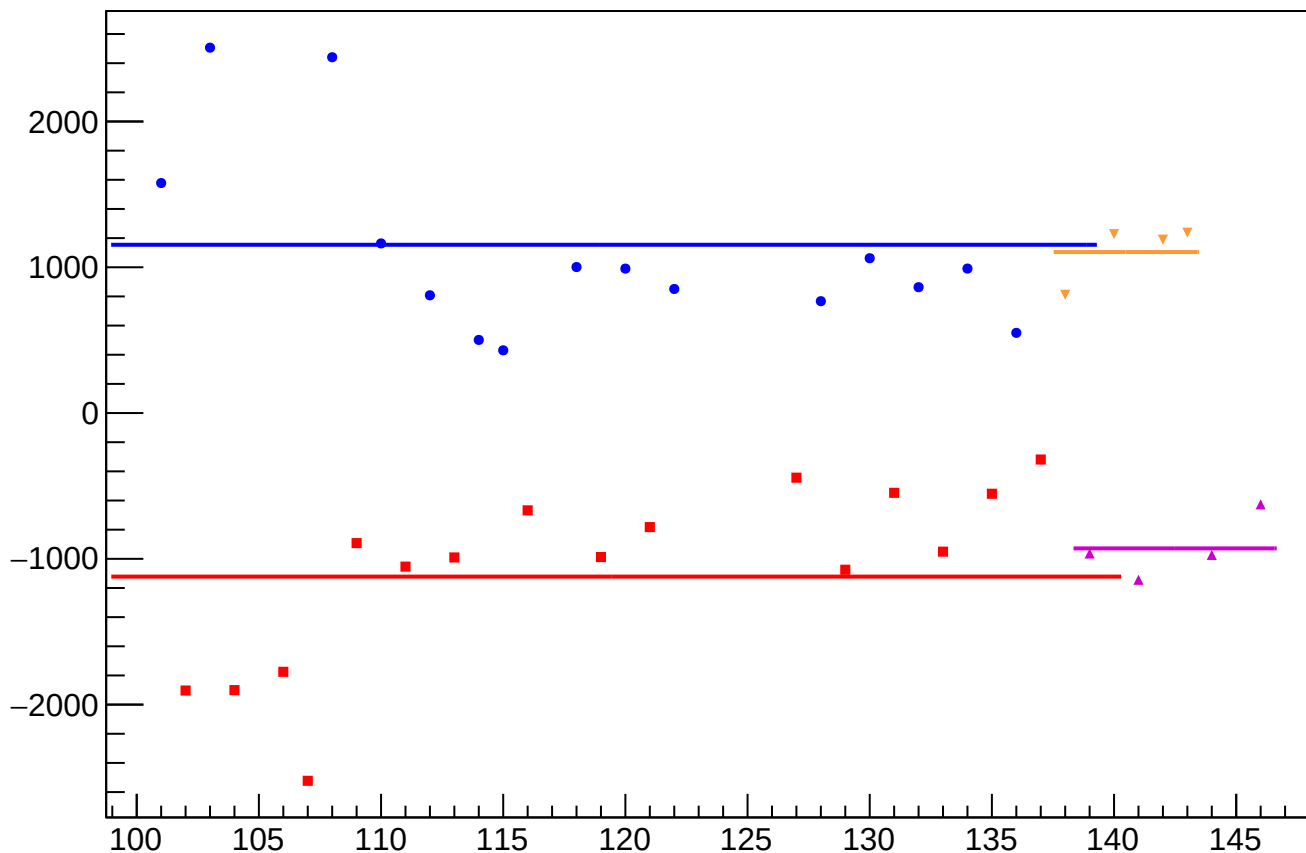
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 ± 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 ± 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -50695.424 +/- 0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -32006.240 +/- 0.000 χ^2/NDF : 9496290077292994844335429284665499844608.0/3
 Right Out: 51783.912 +/- 0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: 34726.726 +/- 0.000 χ^2/NDF : 3596434987501972448352791419030048079872.0/3

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



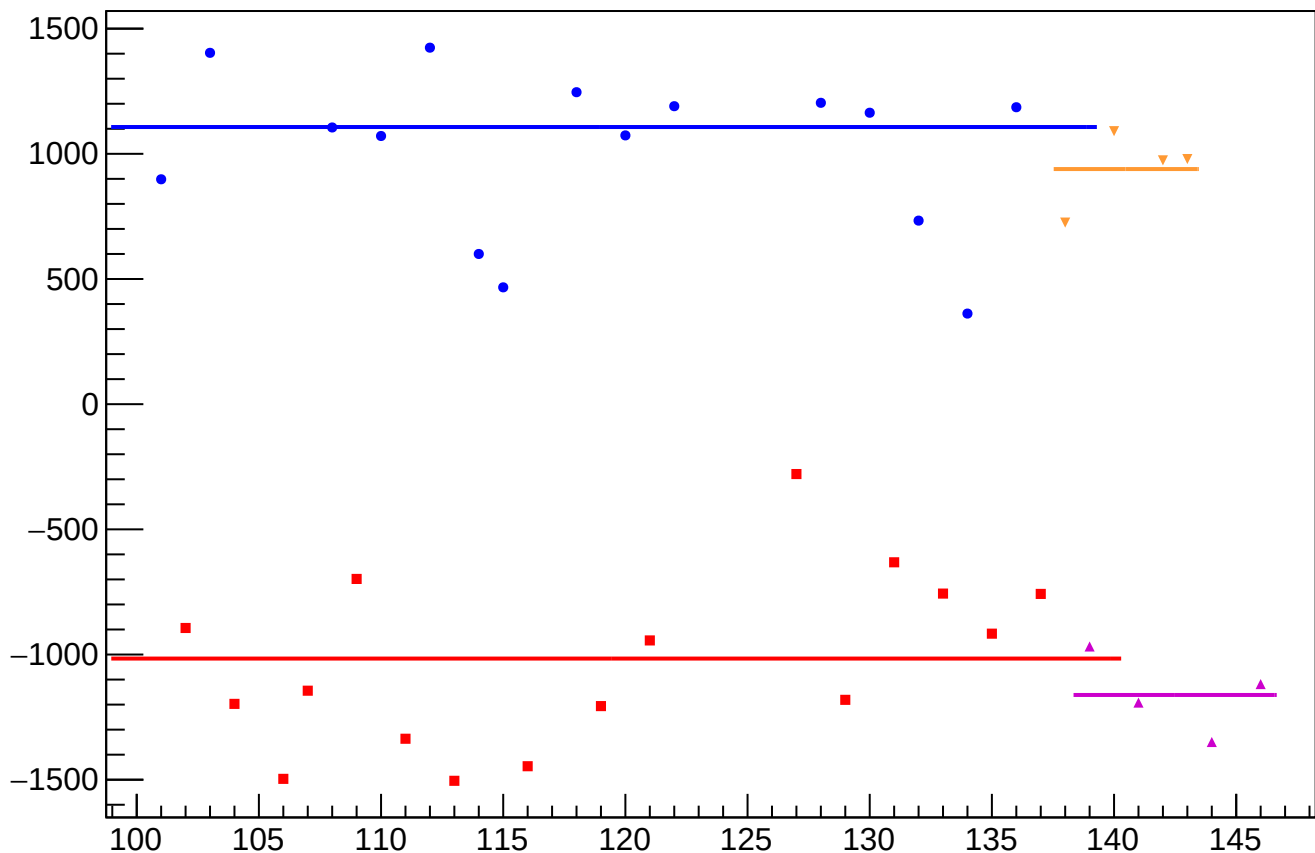
Right In: 1154.331 +/- 0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 1104.449 +/- 0.000 χ^2/NDF : 9460166083818012993114935678946246656.0/3

Right Out: -1121.934 +/- 0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

Left In: -928.477 +/- 0.000 χ^2/NDF : 11807331253980159119620224216593334272.0/3

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



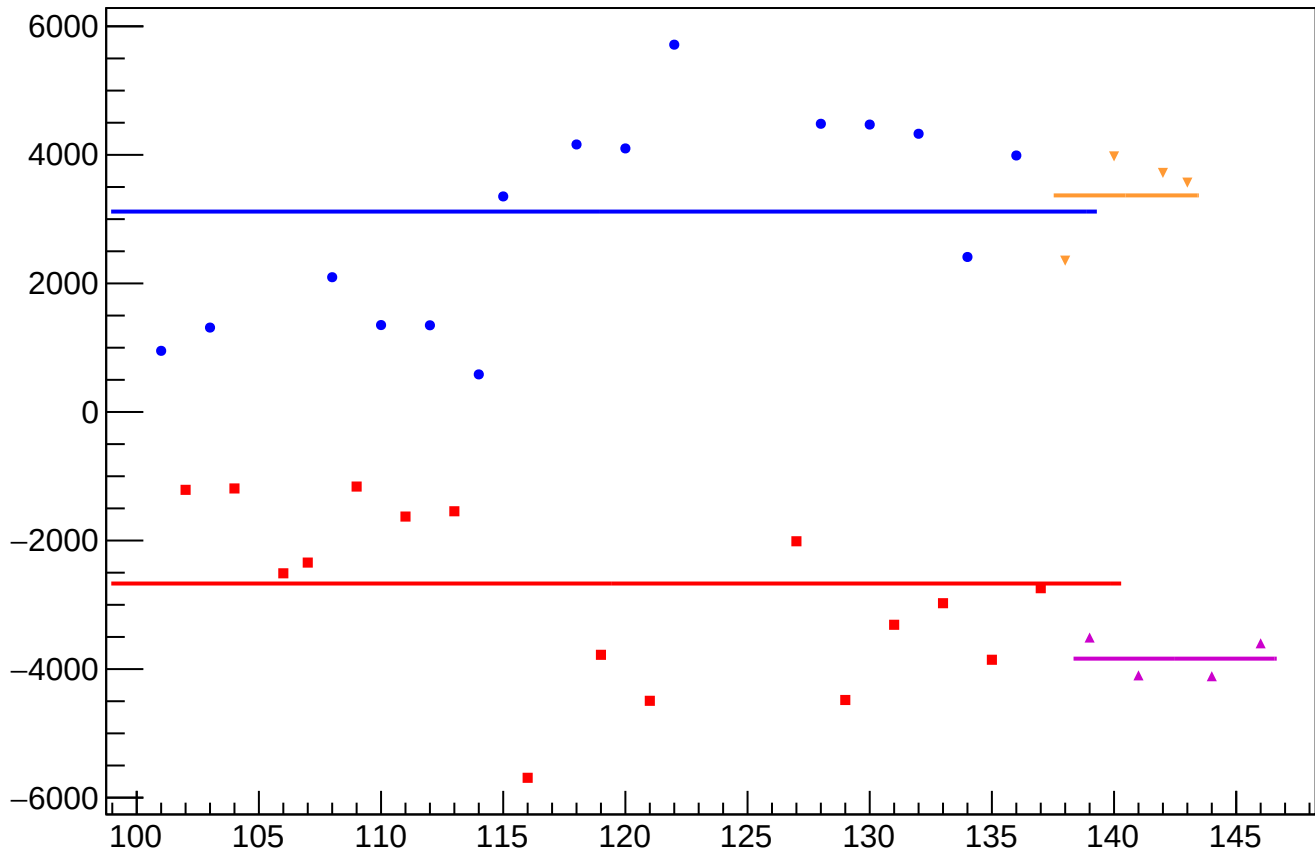
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150 ± 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

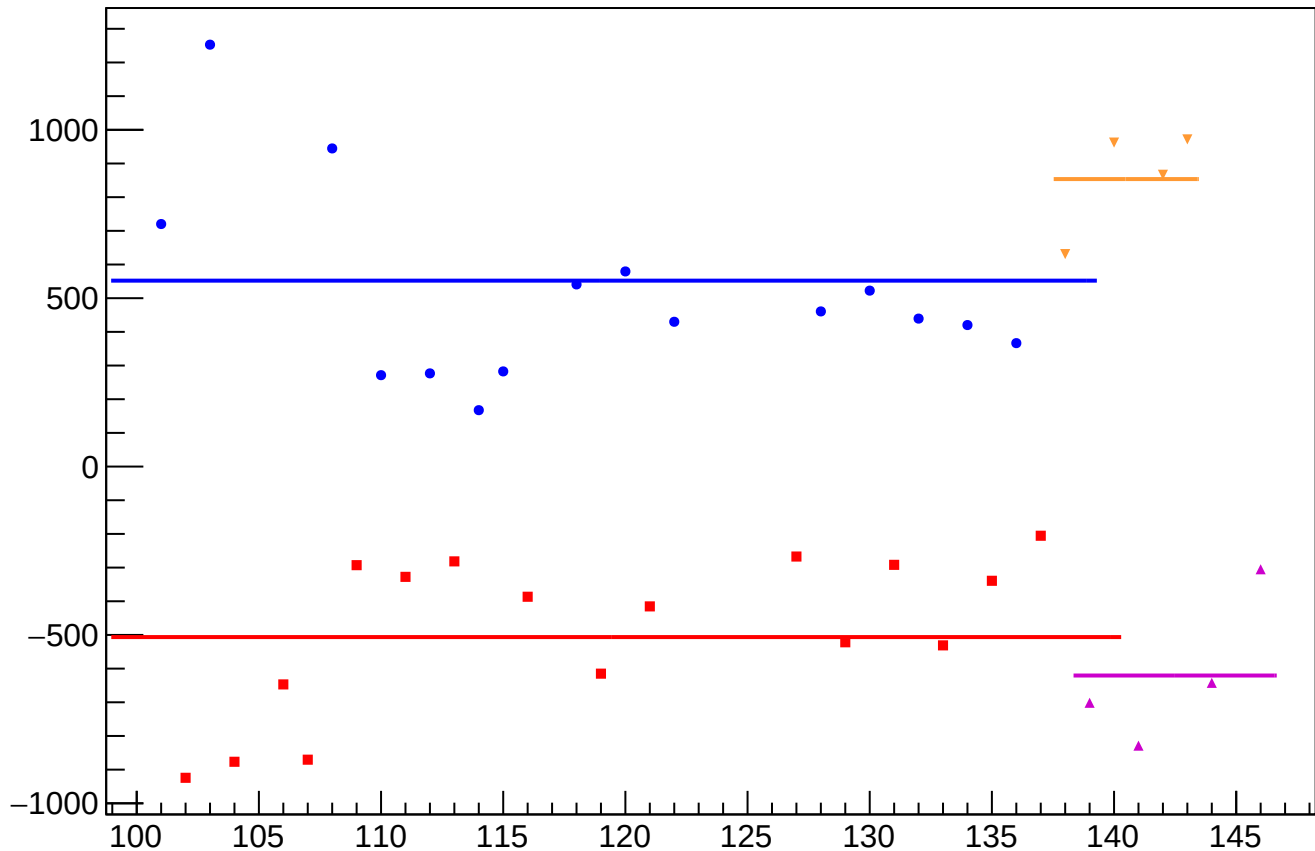
Left In: -1161.518 ± 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 3117.914 $\pm$ 0.000 χ^2/NDF : 1552738593335565674554918493159210090496.0/14
 Left Out: 3369.318 $\pm$ 0.000 χ^2/NDF : 118843589260590746483602039415037231104.0/3
 Right Out: -2668.794 $\pm$ 0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: -3837.431 $\pm$ 0.000 χ^2/NDF : 25873351856321392714495506442163847168.0/3

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



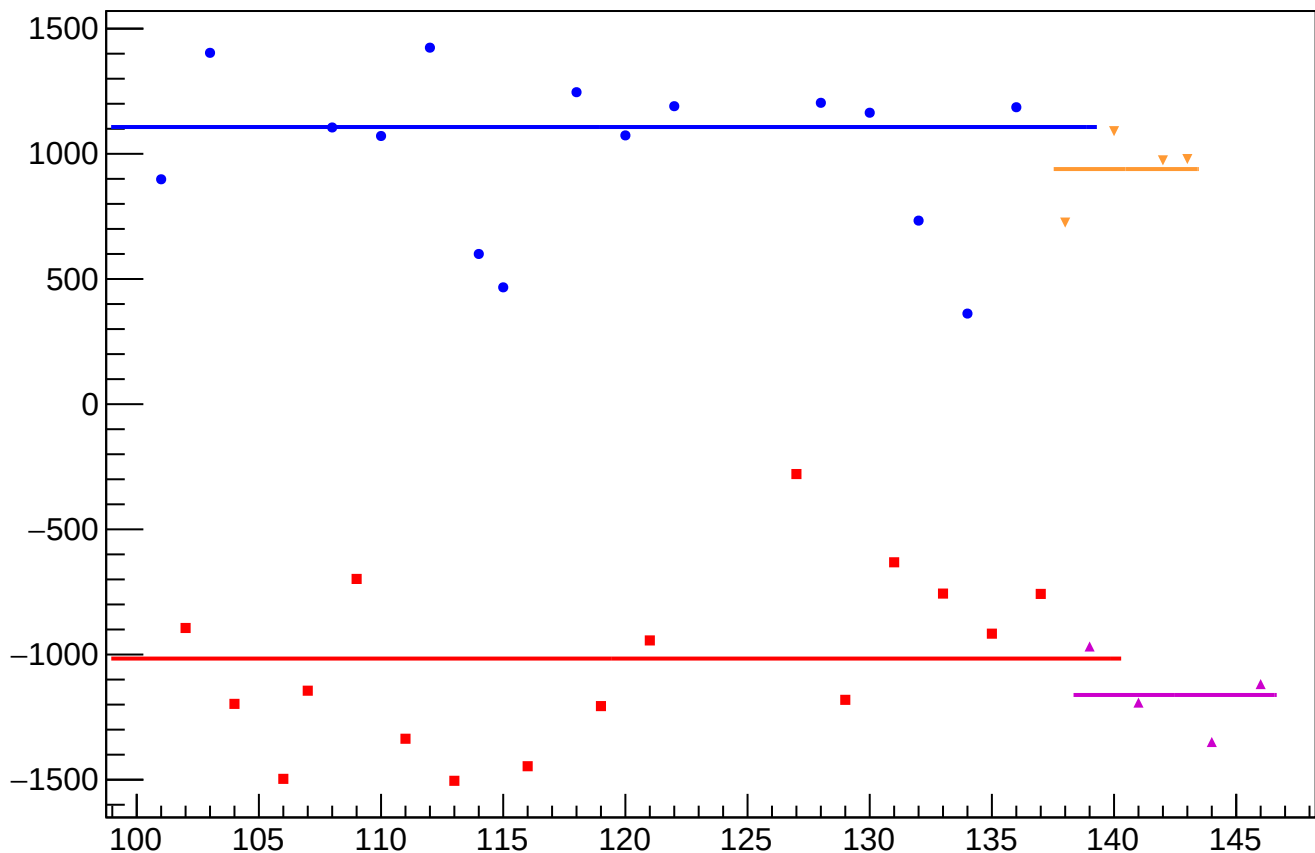
Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 853.740+/-0.000 χ^2/NDF : 5771702647375072010948571247746744320.0/3

Right Out: -506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

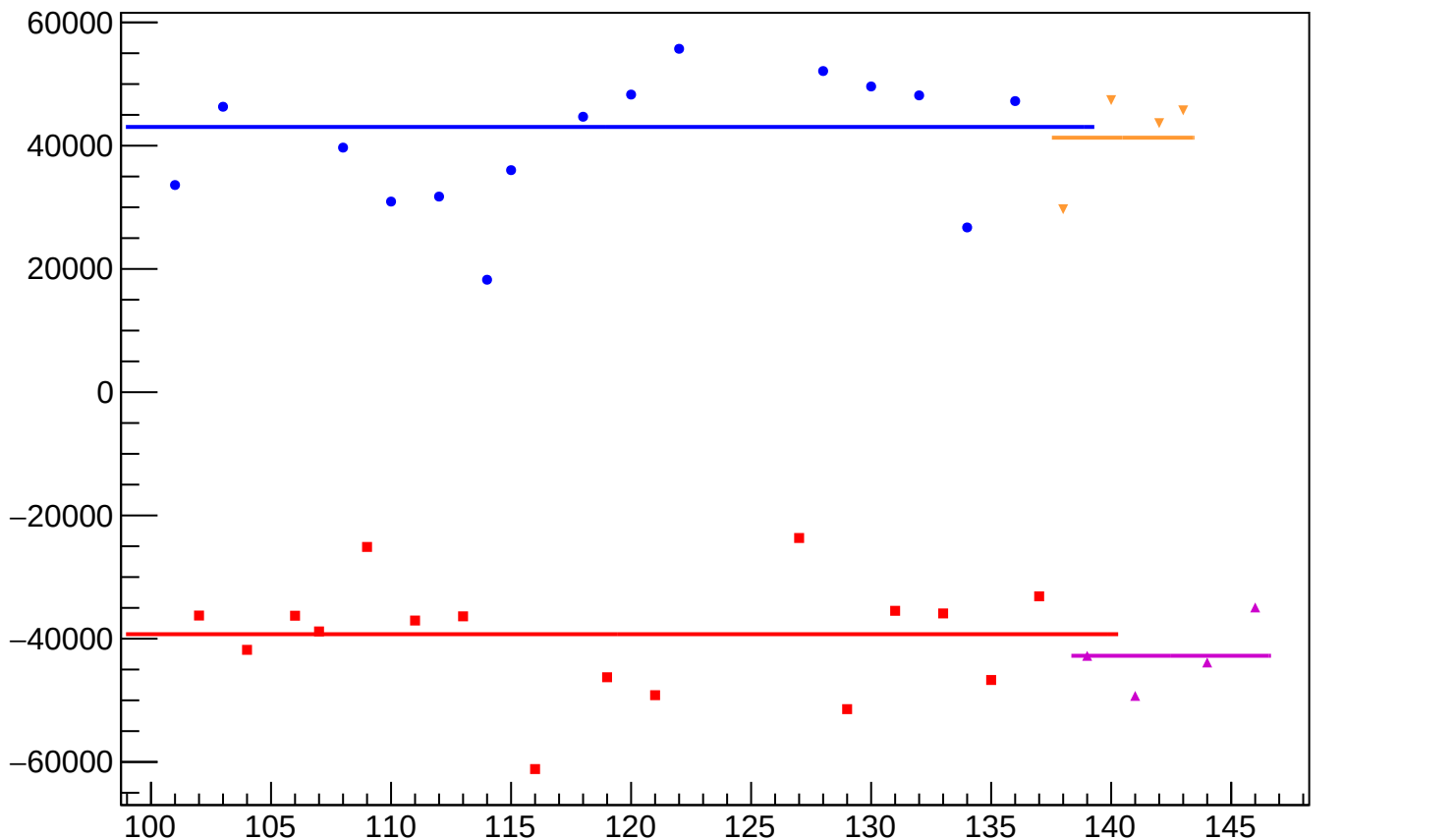
Left In: -620.513+/-0.000 χ^2/NDF : 12521184432797363847055442842730102784.0/3

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



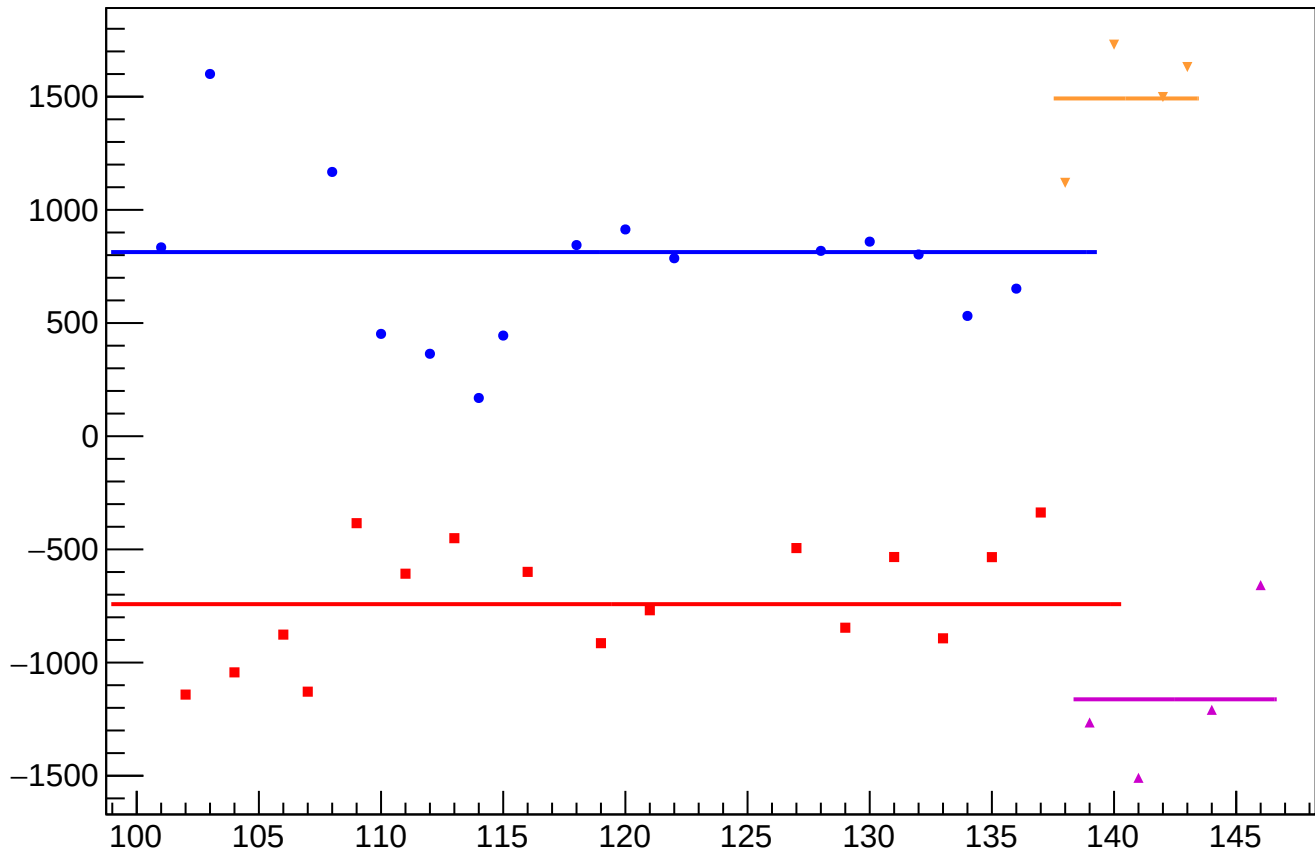
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 +/- 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 +/- 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 43039.927+/-0.000 χ^2/NDF : 48397052922561722652666786407552179503104.0/14
 Left Out: 41297.410+/-0.000 χ^2/NDF : 15131179009535681977871861756834600714240.0/3
 Right Out: -39269.627+/-0.000 χ^2/NDF : 51873036517757666237545716605051585167360.0/15
 Left In: -42770.121+/-0.000 χ^2/NDF : 8811306817101655518927562434092115951616.0/3

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



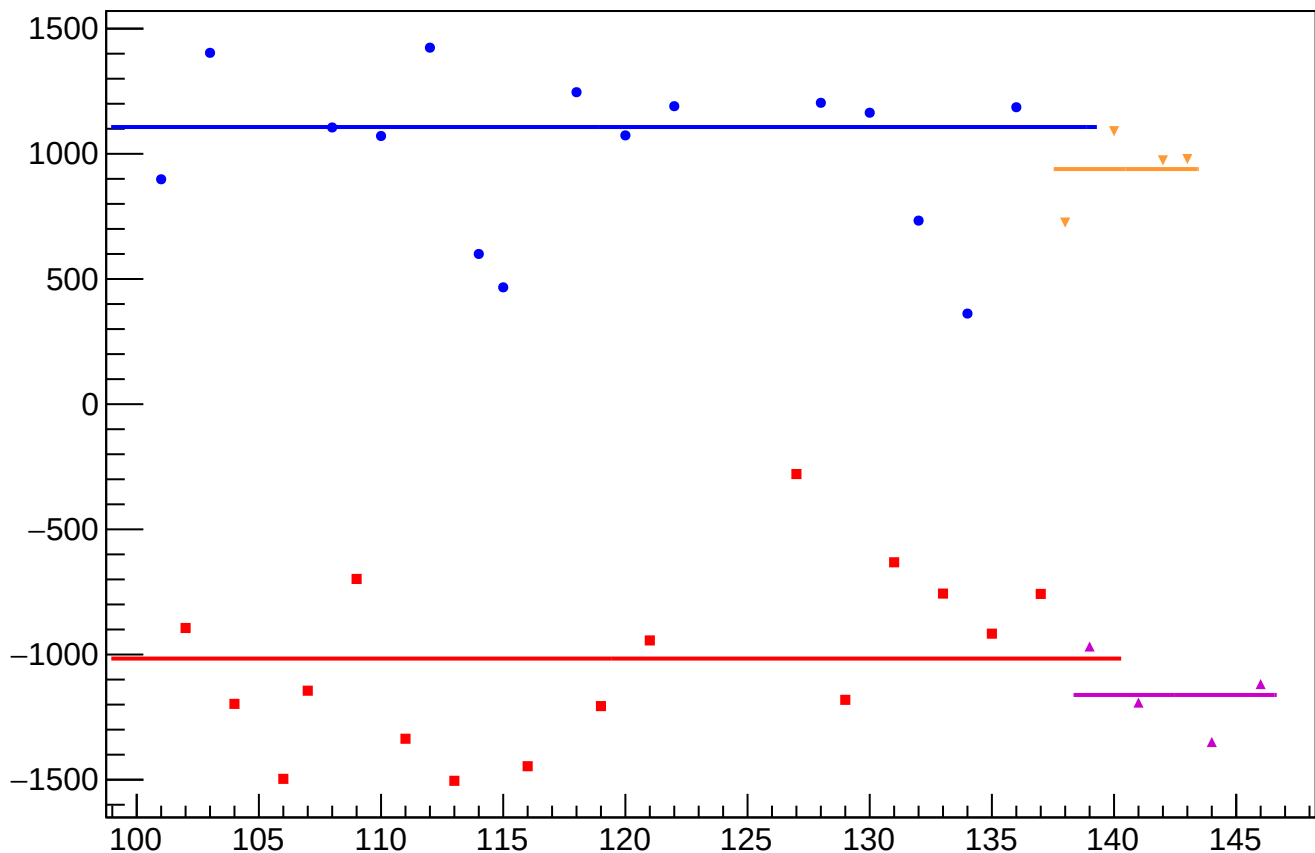
Right In: 813.500+/-0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14

Left Out: 1492.171+/-0.000 χ^2/NDF : 16761347394060252150319879024759799808.0/3

Right Out: -741.911+/-0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15

Left In: -1162.349+/-0.000 χ^2/NDF : 32384876060375723539784401467700412416.0/3

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



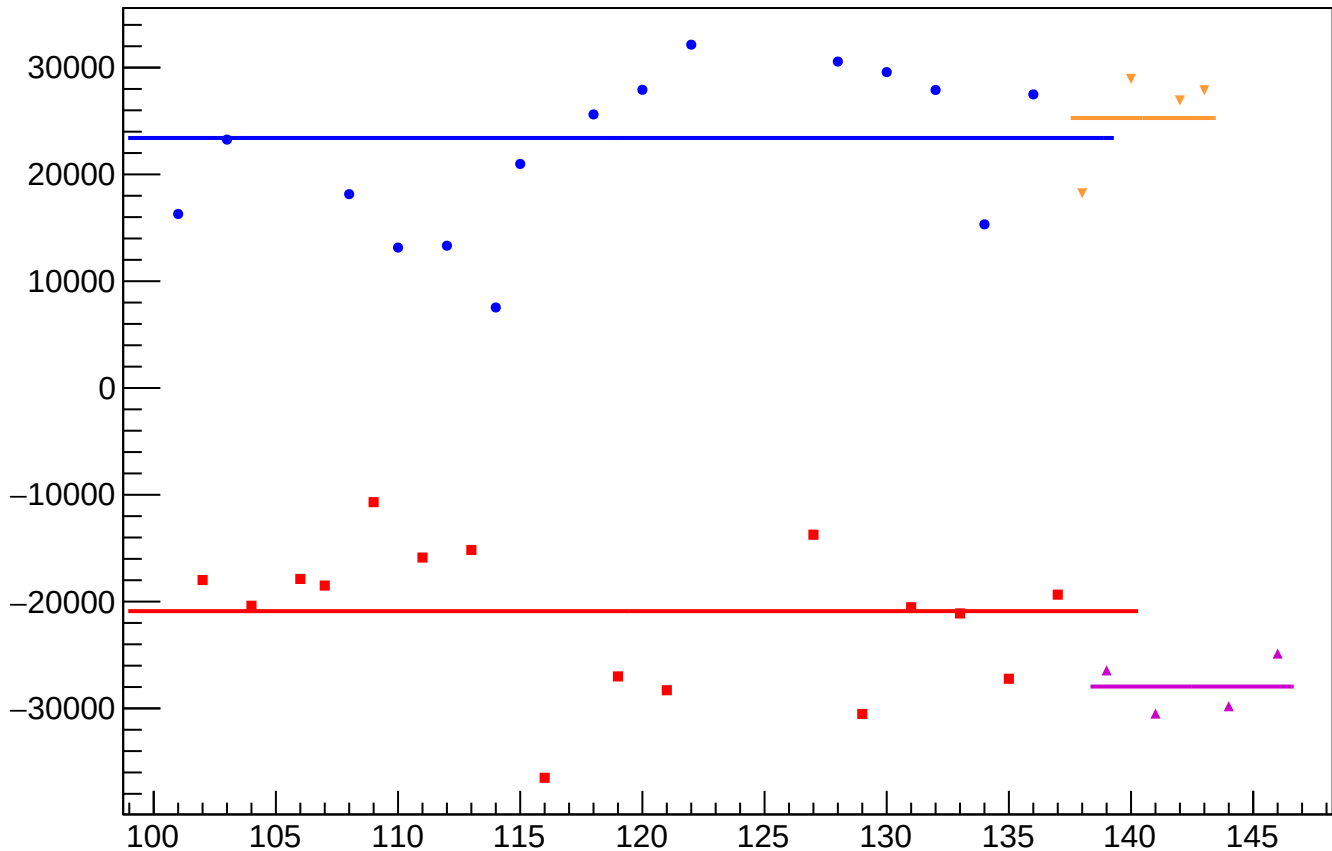
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

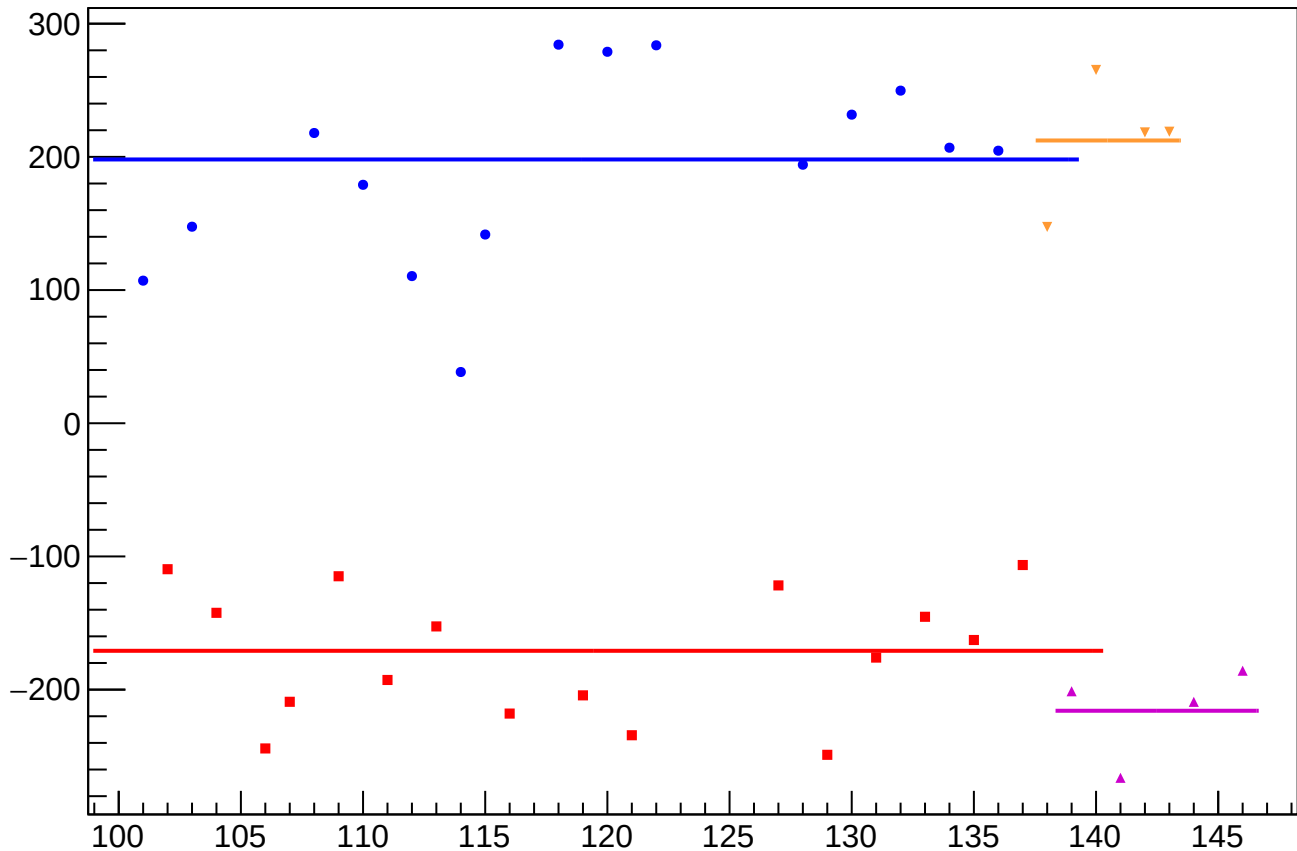
Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 23411.506+/-0.000 χ^2/NDF : 28427457471780319352885746571315708428288.0/14
 Left Out: 25280.157+/-0.000 χ^2/NDF : 5557169081238177889178534084471467016192.0/3
 Right Out: -20894.122+/-0.000 χ^2/NDF : 27408965804578649107002909409987218374656.0/15
 Left In: -27955.077+/-0.000 χ^2/NDF : 1824157610508329779447966107484668559360.0/3

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



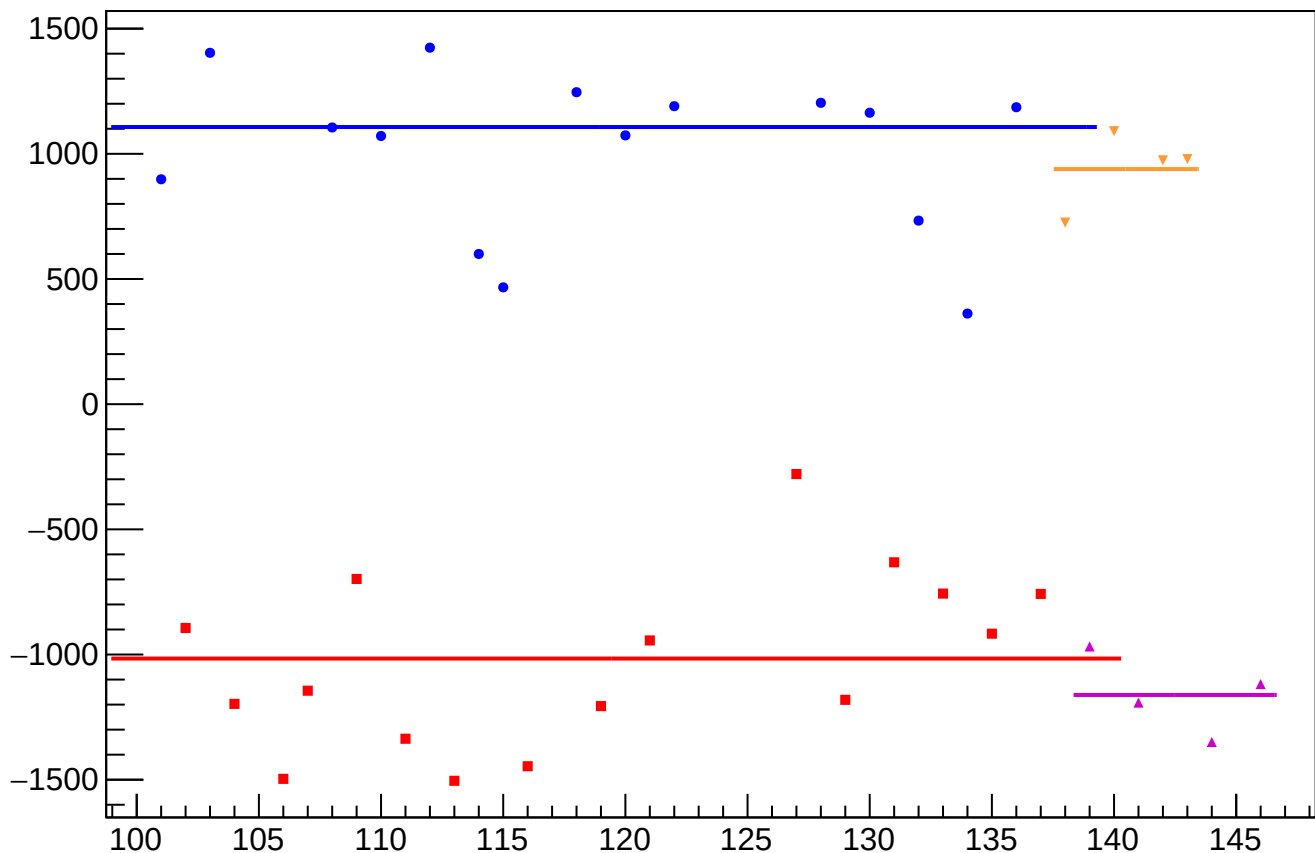
Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 212.308+/-0.000 χ^2/NDF : 563230471748275291776581101923860480.0/3

Right Out: -170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

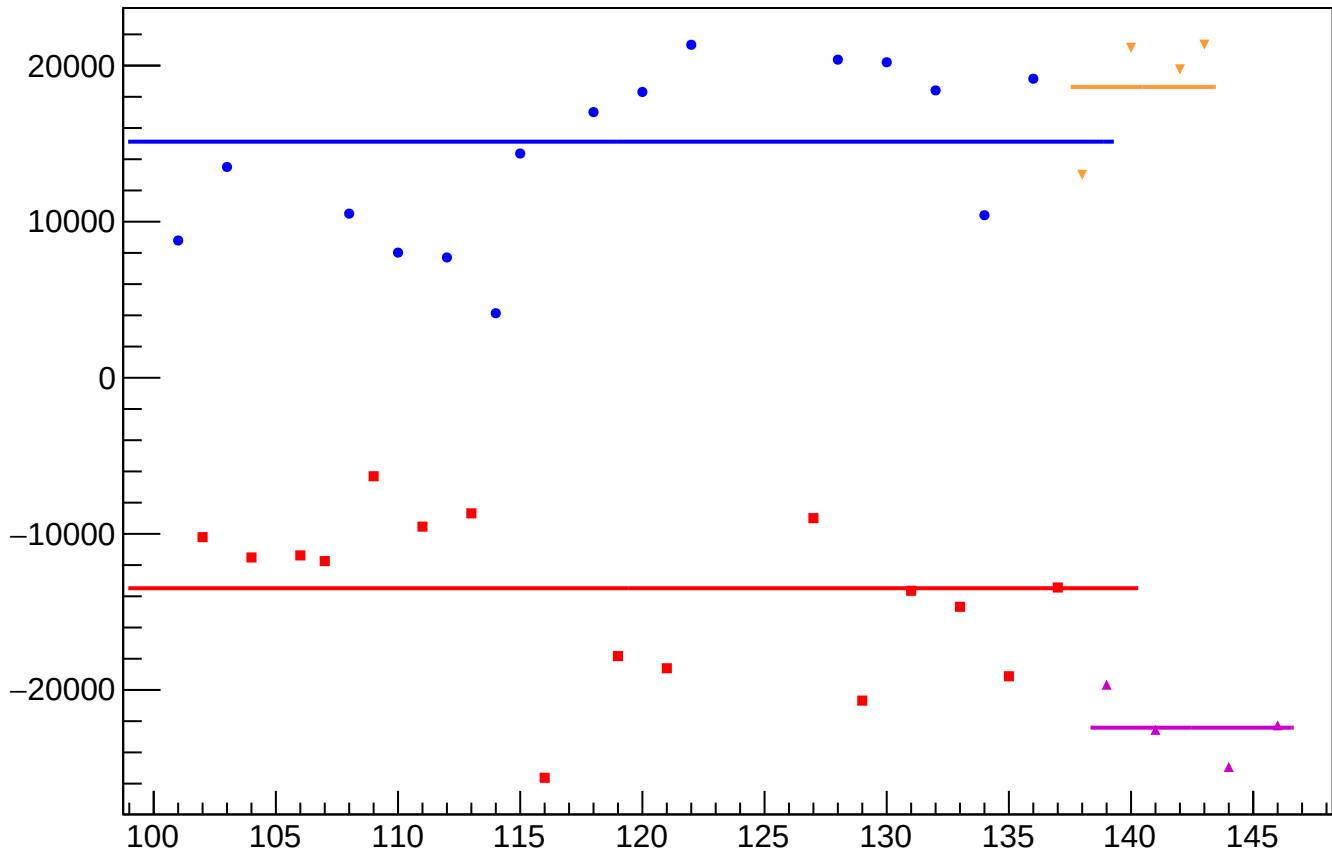
Left In: -215.869+/-0.000 χ^2/NDF : 311774208668339357728529264846831616.0/3

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



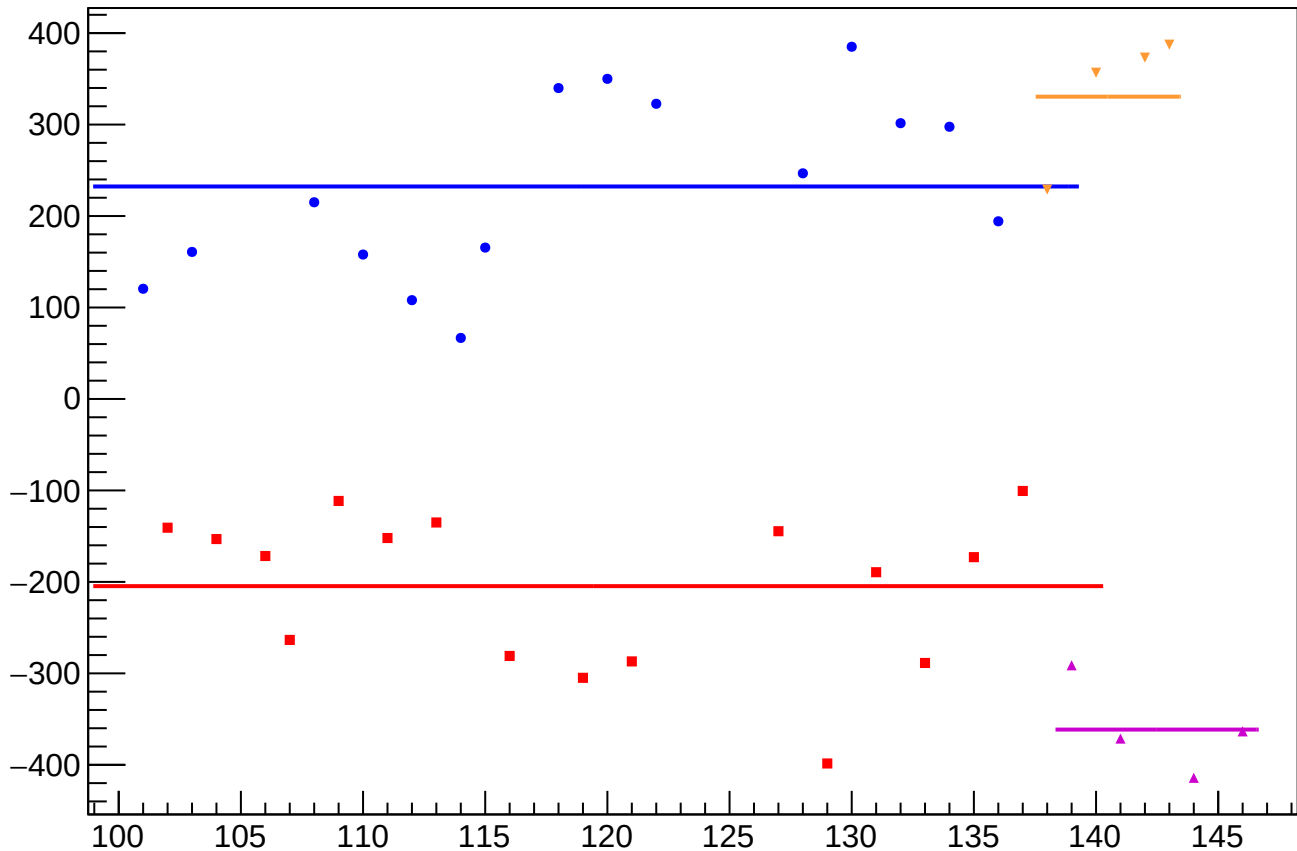
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 ± 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 ± 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 15125.834 +/- 0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 18632.762 +/- 0.000 χ^2/NDF : 3533701159307412495516541810880557350912.0/3
 Right Out: -13482.244 +/- 0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 Left In: -22415.714 +/- 0.000 χ^2/NDF : 1182079822032937130190759591766583672832.0/3

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



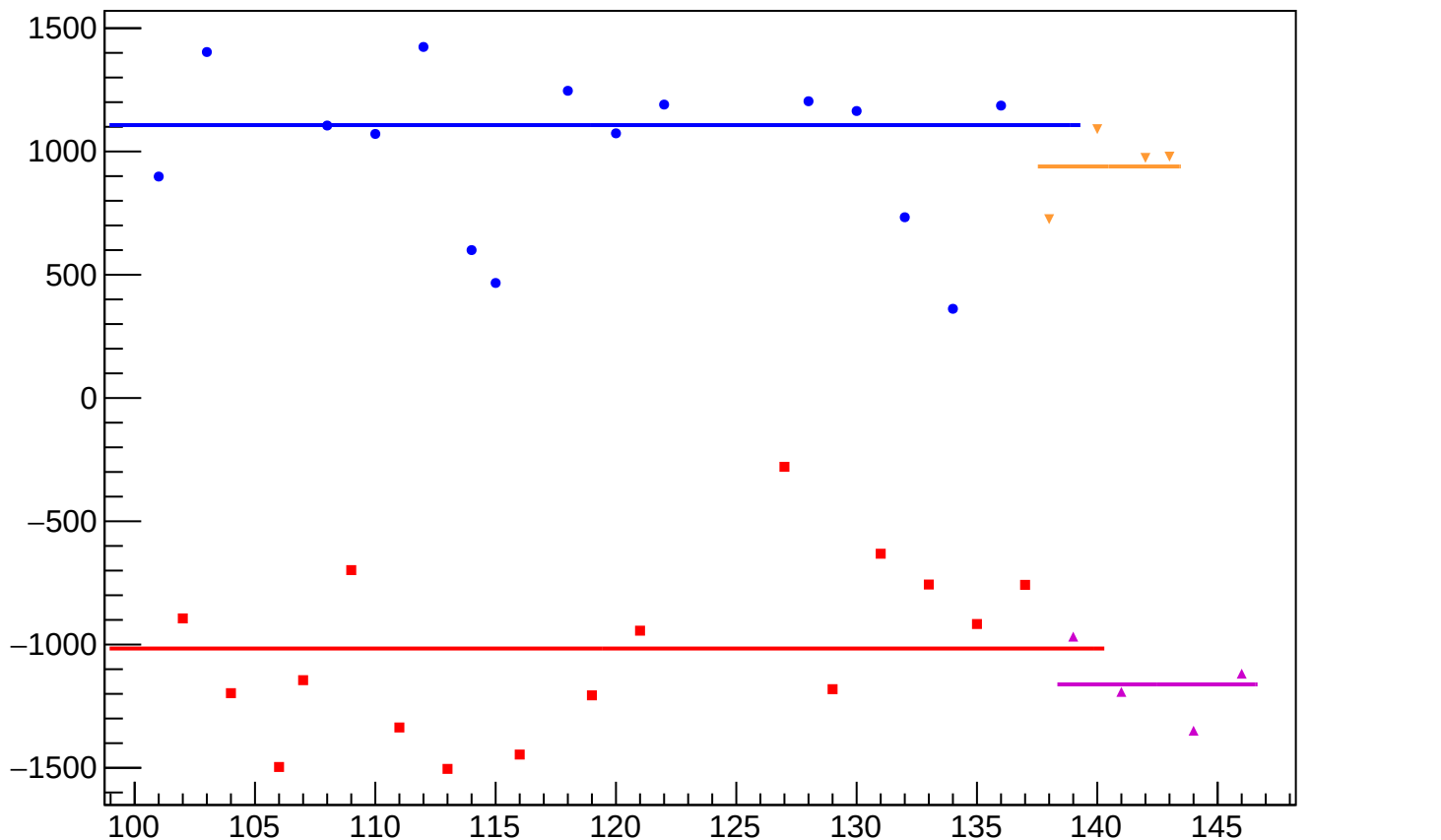
Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14

Left Out: 330.500+/-0.000 χ^2/NDF : 1161102676333296537891702546764922880.0/3

Right Out: -204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15

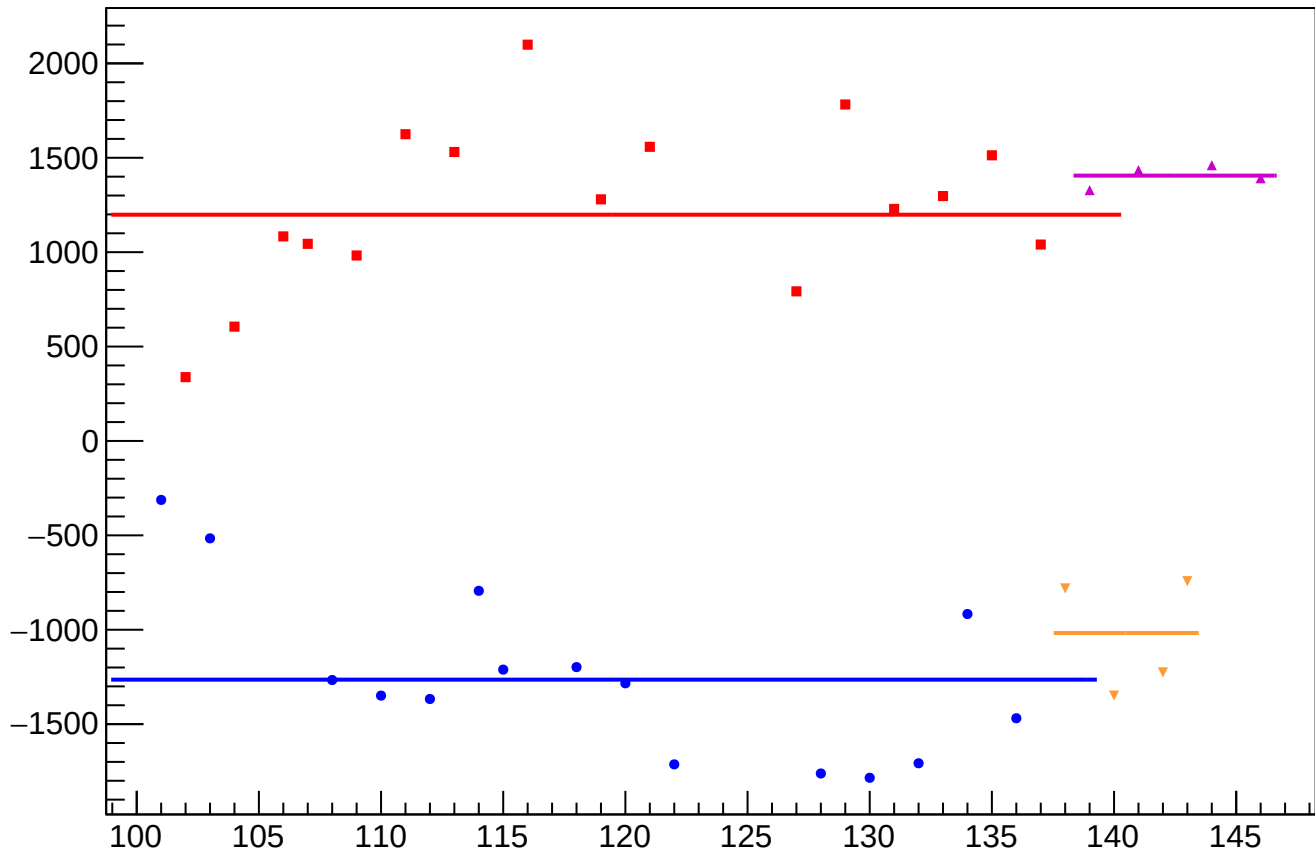
Left In: -361.450+/-0.000 χ^2/NDF : 655933305032403893757929914565132288.0/3

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



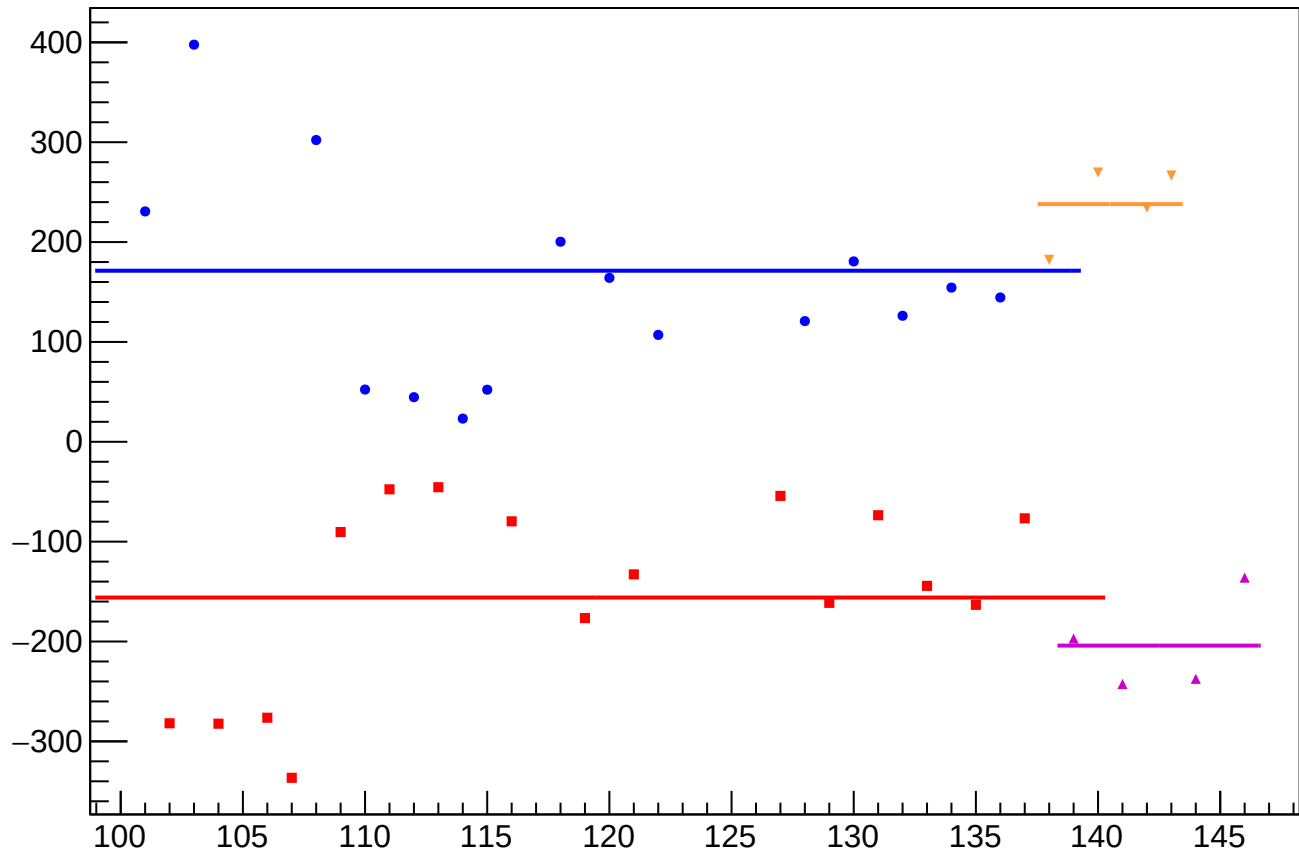
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 +/- 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 +/- 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_sam7_coil4_mean vs Slug, Sign Corrected



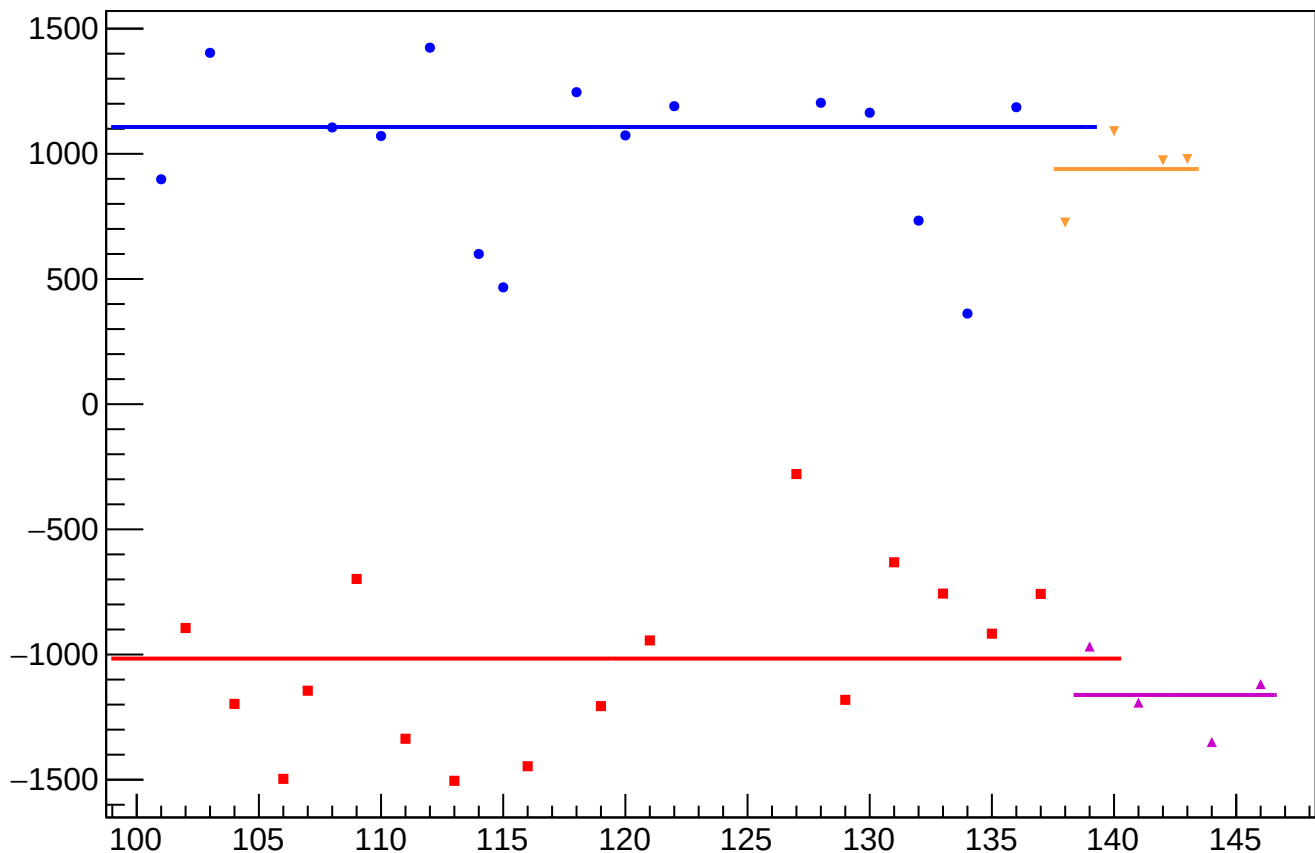
Right In: -1264.303+/-0.000	χ^2/NDF : 140215251538502657549173994543931981824.0/14
Left Out: -1017.169+/-0.000	χ^2/NDF : 20409800807514167137033720271812427776.0/3
Right Out: 1198.483+/-0.000	χ^2/NDF : 131164763898016793515492217696167133184.0/15
Left In: 1405.554+/-0.000	χ^2/NDF : 836270200890965406993422799639412736.0/3

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



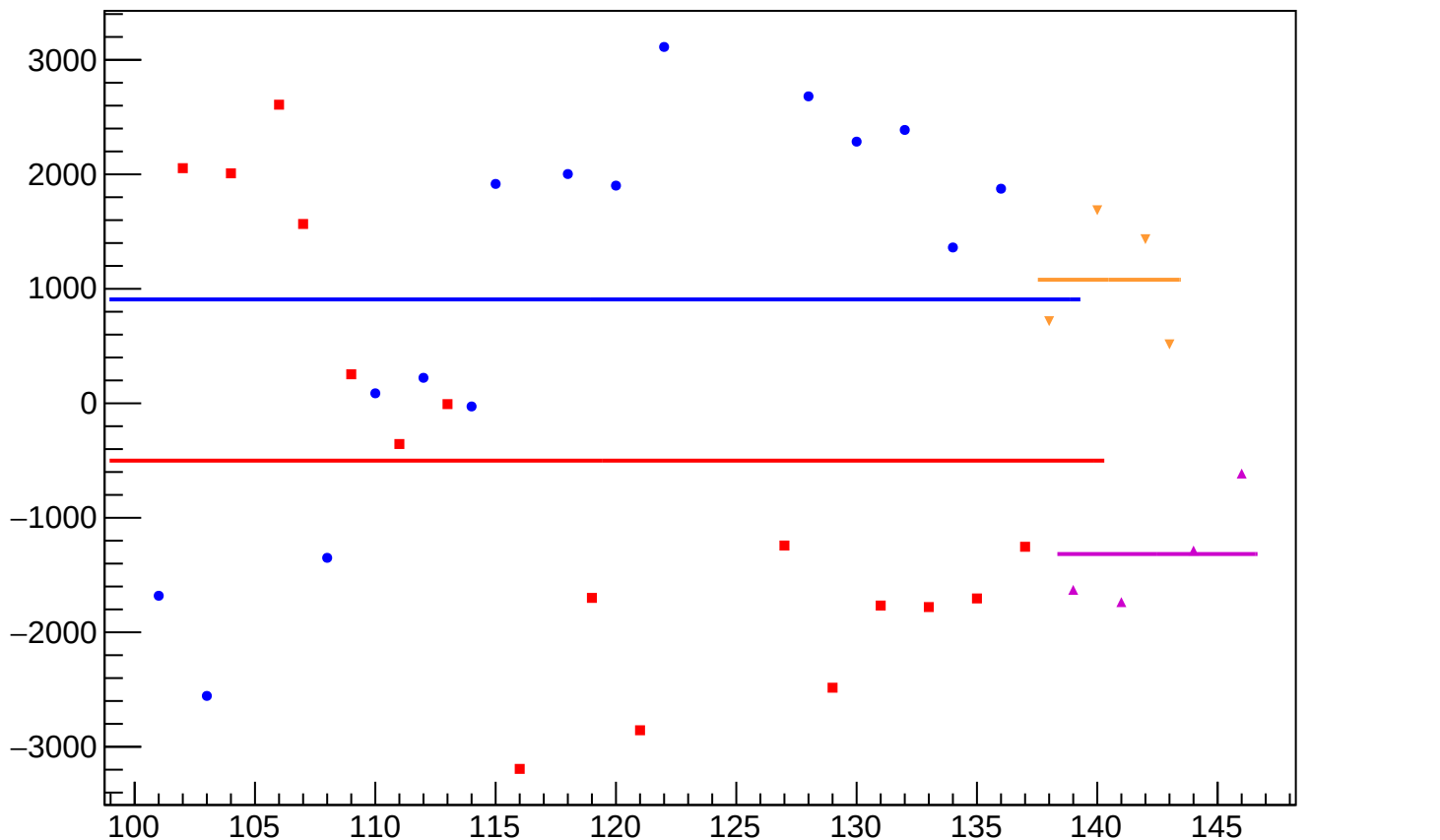
Right In: 171.323 +/- 0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 237.992 +/- 0.000 χ^2/NDF : 380454780352925982885157784684331008.0/3
 Right Out: -155.993 +/- 0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: -204.110 +/- 0.000 χ^2/NDF : 612559629162861688075892968579399680.0/3

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



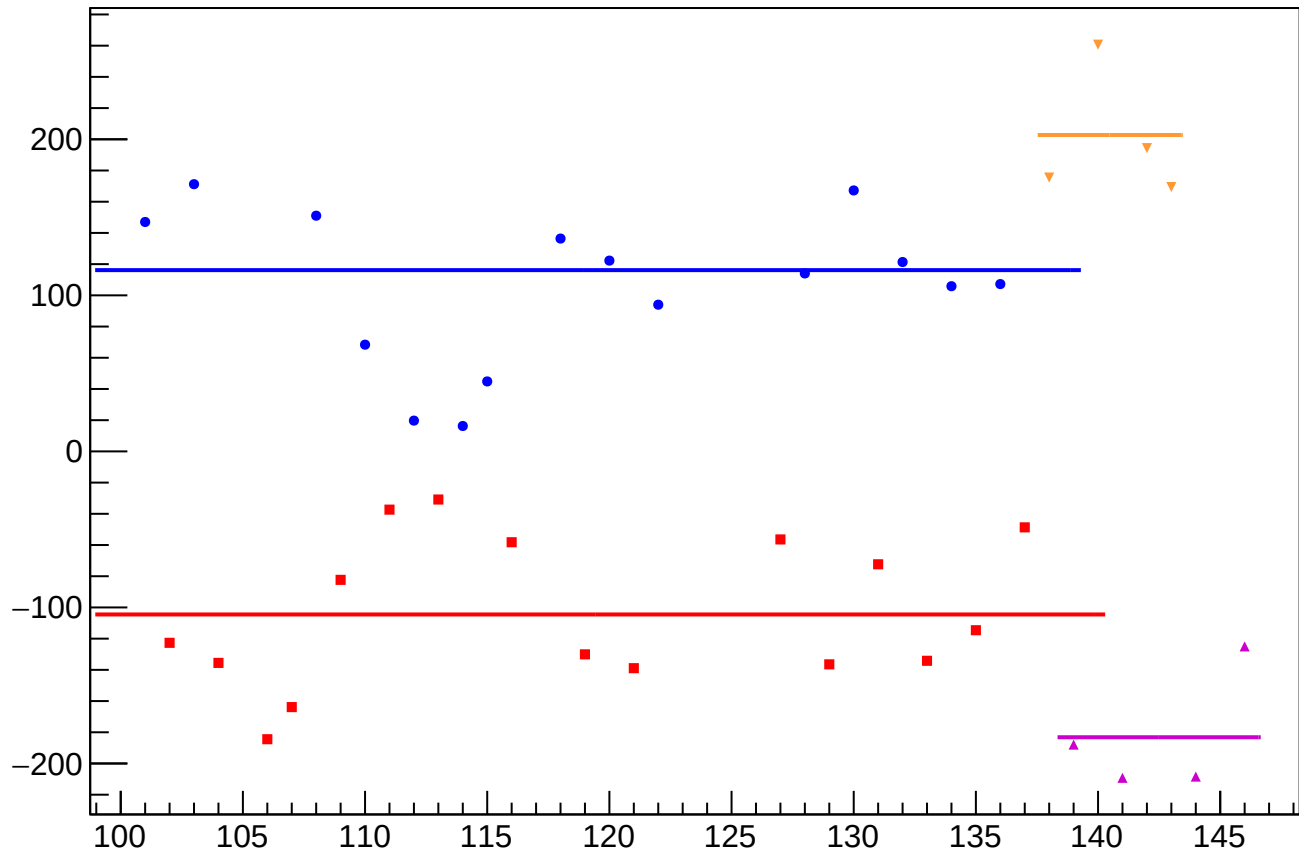
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 ± 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1161.518 ± 0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 907.442 +/- 0.000 χ^2/NDF : 2107238007691848638499662178406566461440.0/14
 Left Out: 1079.301 +/- 0.000 χ^2/NDF : 67507632985180797273247803165573644288.0/3
 Right Out: -500.689 +/- 0.000 χ^2/NDF : 2074232918749953174436803426379074895872.0/15
 Left In: -1316.308 +/- 0.000 χ^2/NDF : 64028096934179540527056644067947446272.0/3

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



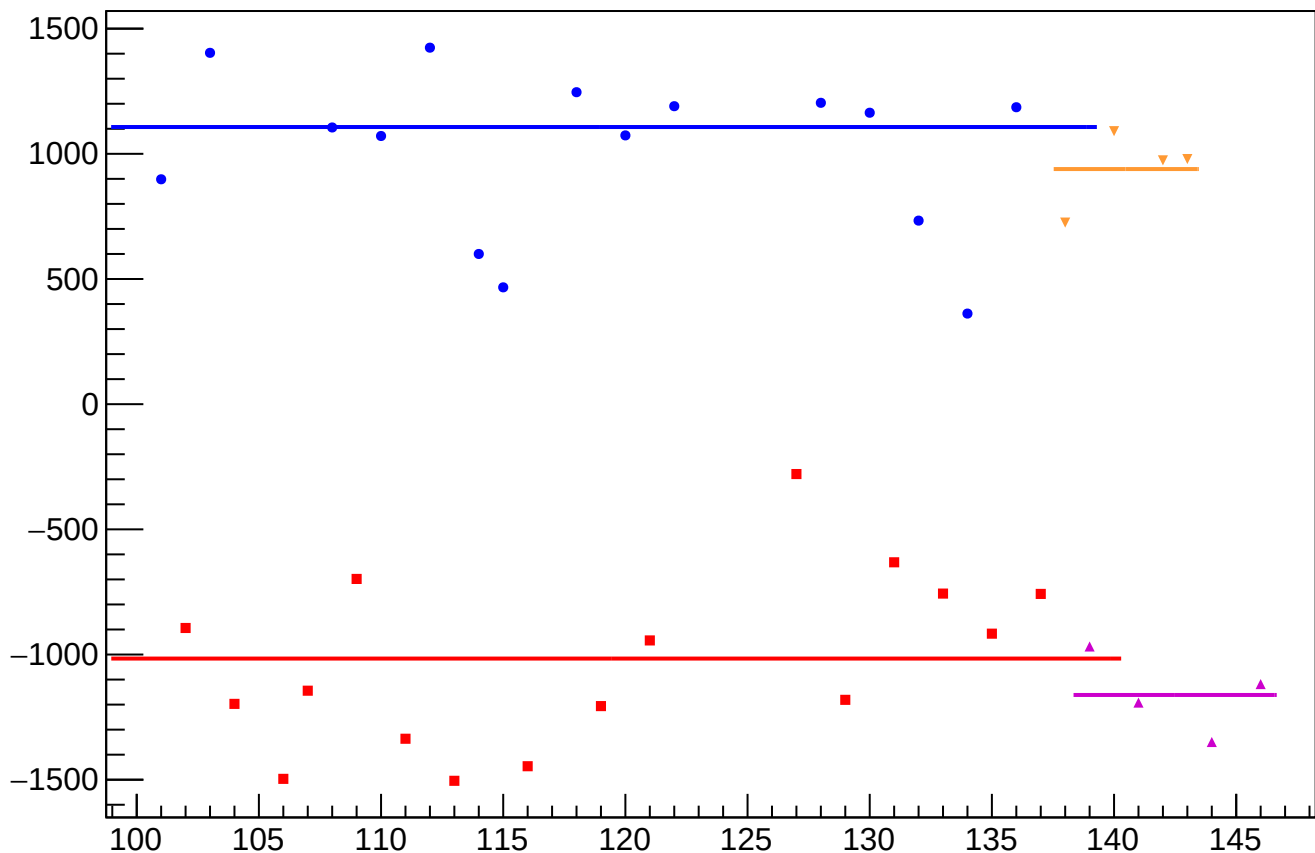
Right In: 116.159 $\pm$ 0.000 χ^2 /NDF: 1198526427485199785396504127288115200.0/14

Left Out: 202.747 $\pm$ 0.000 χ^2 /NDF: 410523102899586013077783418190692352.0/3

Right Out: -104.501 $\pm$ 0.000 χ^2 /NDF: 1285986383644058507445602420764180480.0/15

Left In: -183.187 $\pm$ 0.000 χ^2 /NDF: 397071009319947409549508739457875968.0/3

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



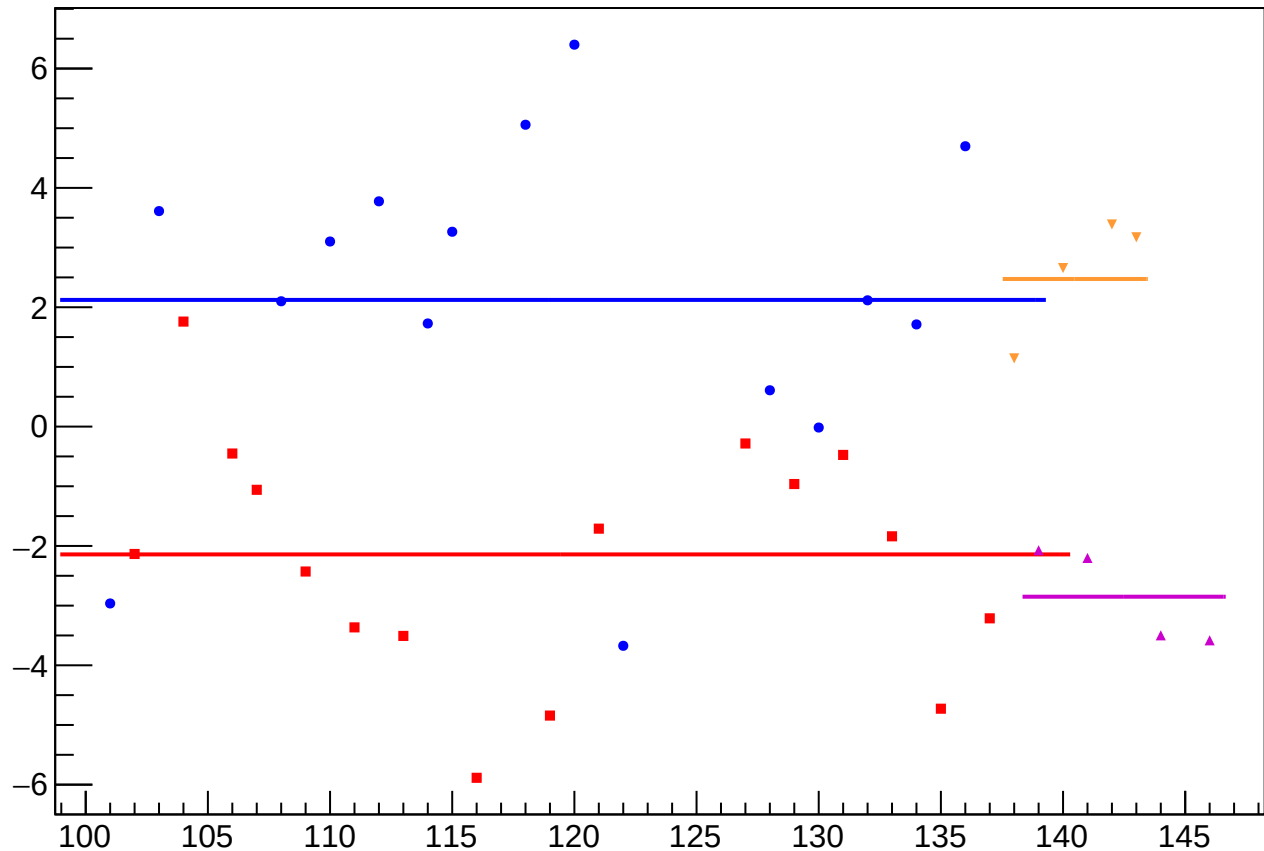
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

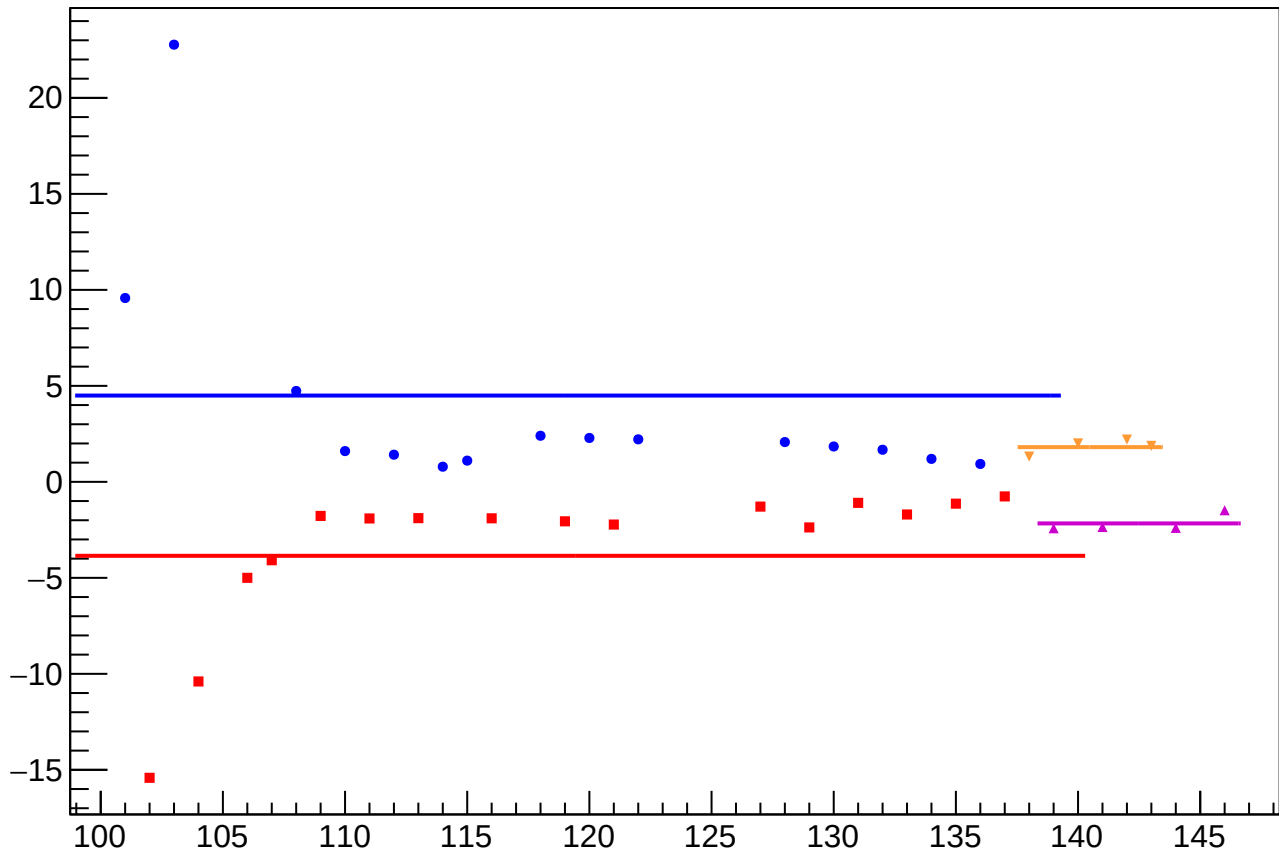
Left In: -1161.518+/-0.000 χ^2/NDF : 641508227518753229804308665552863232.0/3

dit_4aX_coil6_mean vs Slug, Sign Corrected



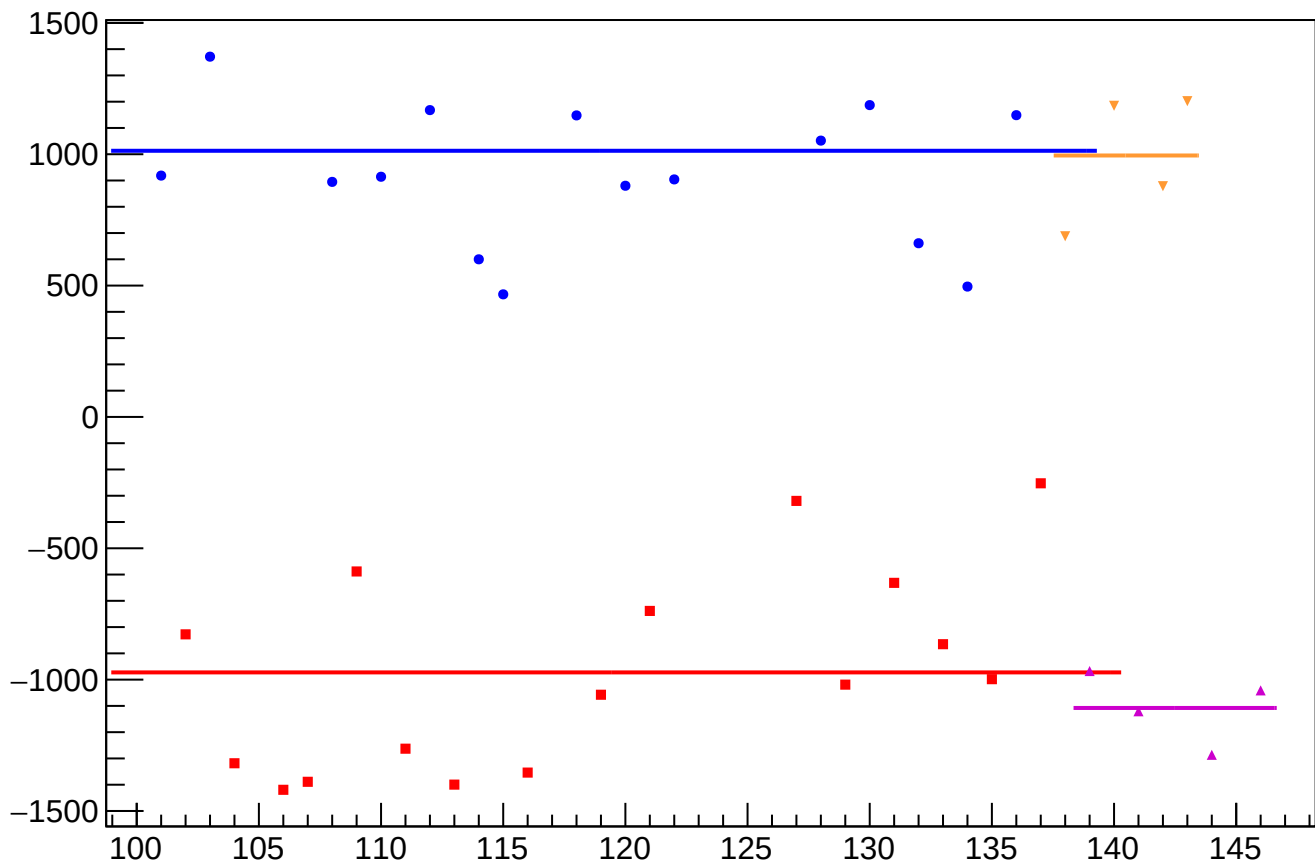
Right In: 2.123+/-0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14
 Left Out: 2.474+/-0.000 χ^2/NDF : 211831530417270803502716480913408.0/3
 Right Out: -2.142+/-0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15
 Left In: -2.851+/-0.000 χ^2/NDF : 166564123106417714716836941004800.0/3

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



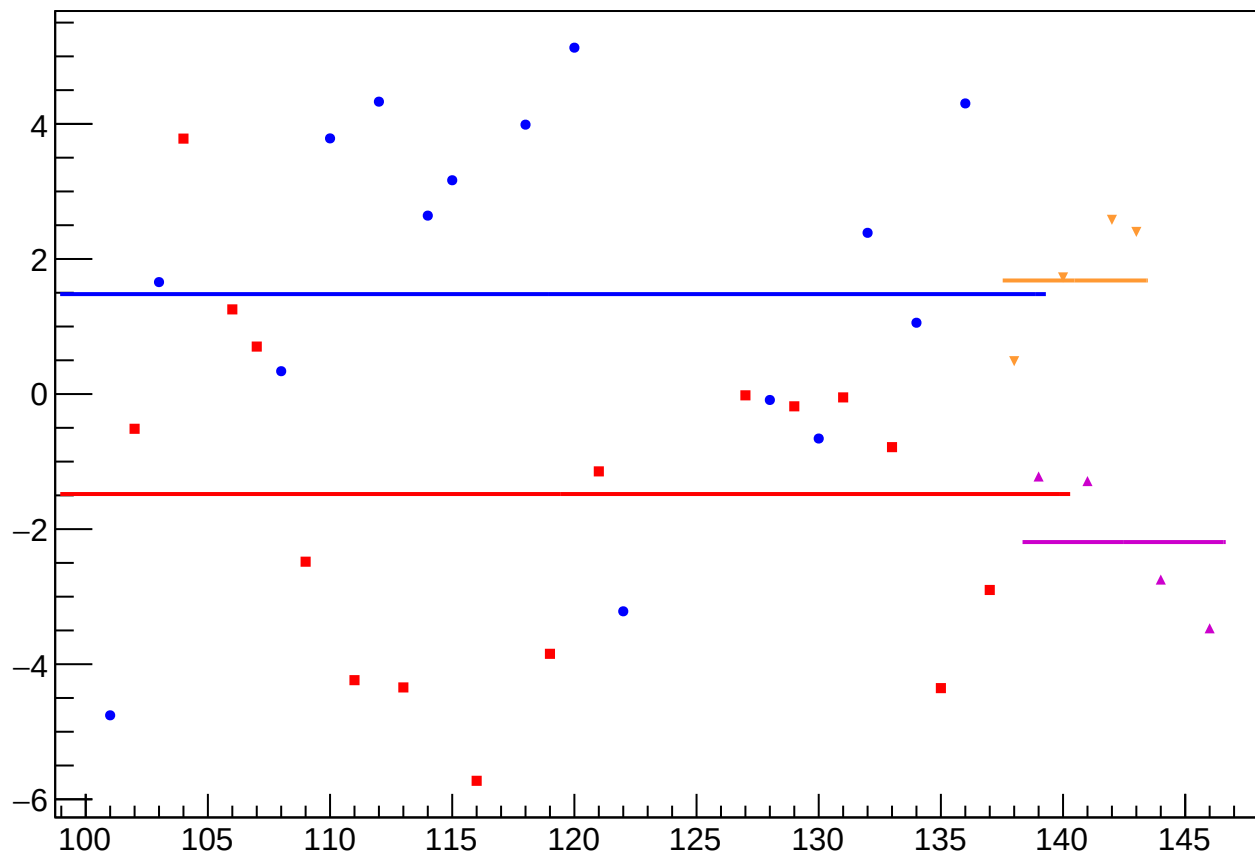
Right In: 4.495+/-0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14
 Left Out: 1.808+/-0.000 χ^2/NDF : 29425893297297598061150010867712.0/3
 Right Out: -3.852+/-0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15
 Left In: -2.165+/-0.000 χ^2/NDF : 52078447144287766232311625940992.0/3

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 995.231 ± 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3
 Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1107.820 ± 0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_4eX_coil6_mean vs Slug, Sign Corrected



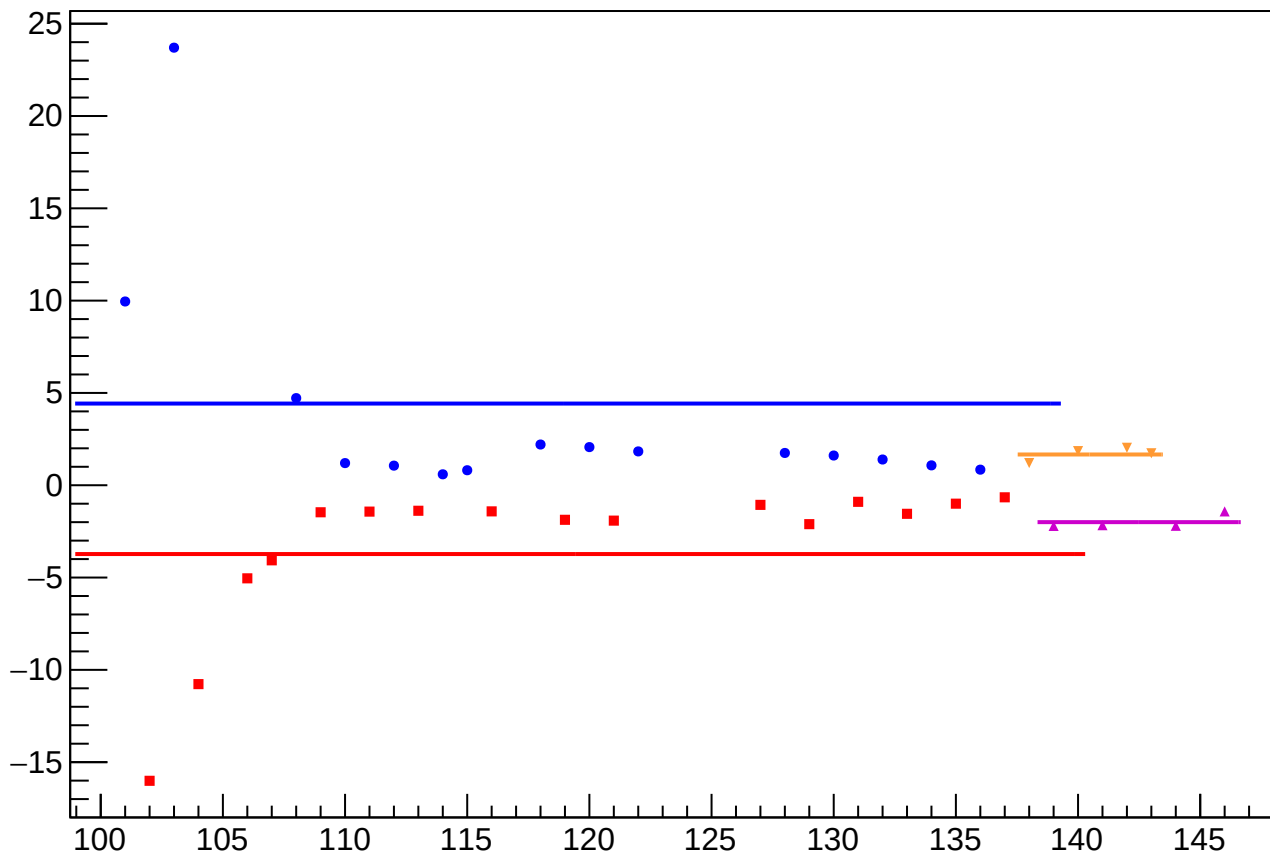
Right In: 1.480 +/- 0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 1.682 +/- 0.000 χ^2/NDF : 183303908253128646042512005267456.0/3

Right Out: -1.480 +/- 0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15

Left In: -2.191 +/- 0.000 χ^2/NDF : 308441485929261855889360831905792.0/3

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



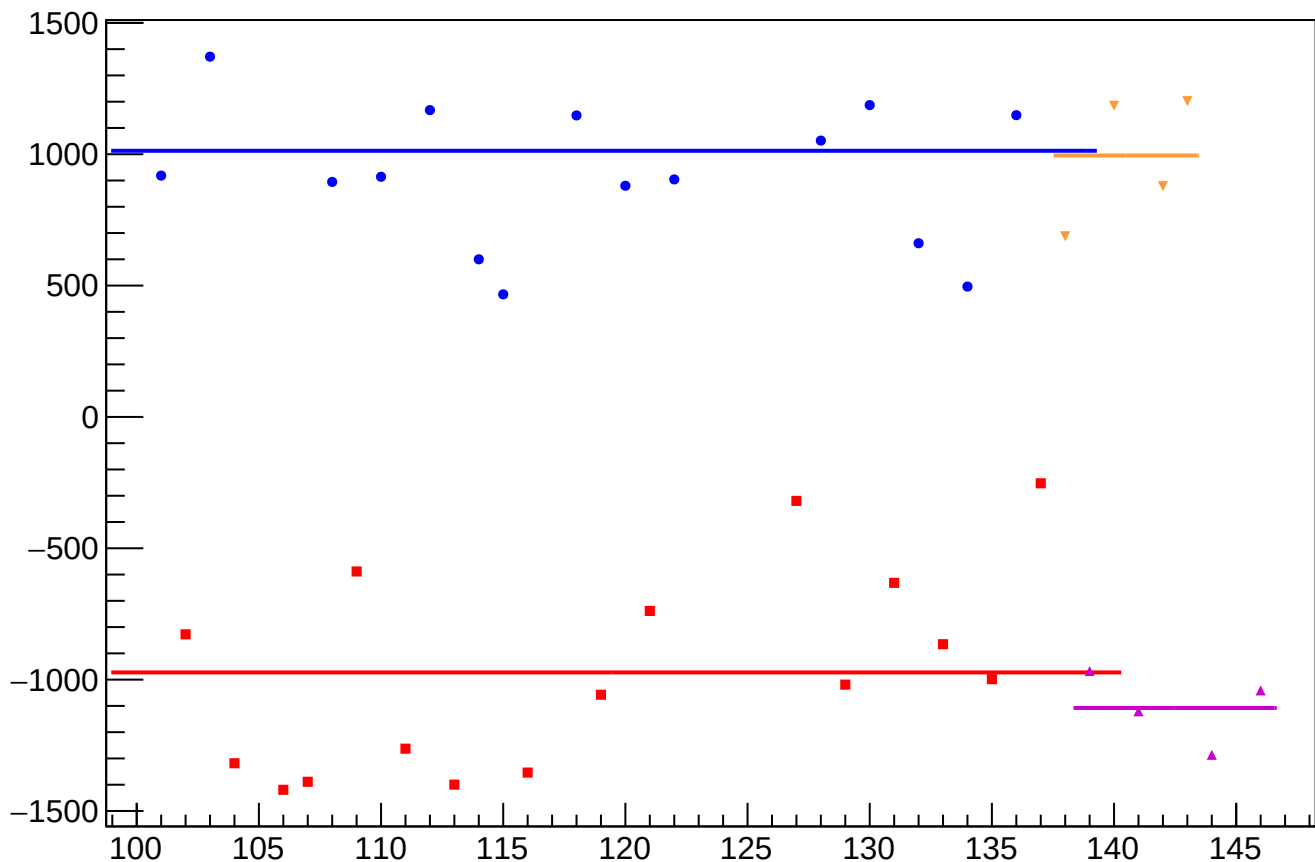
Right In: 4.424 +/- 0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14

Left Out: 1.666 +/- 0.000 χ^2/NDF : 25809628845596465238923871780864.0/3

Right Out: -3.727 +/- 0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15

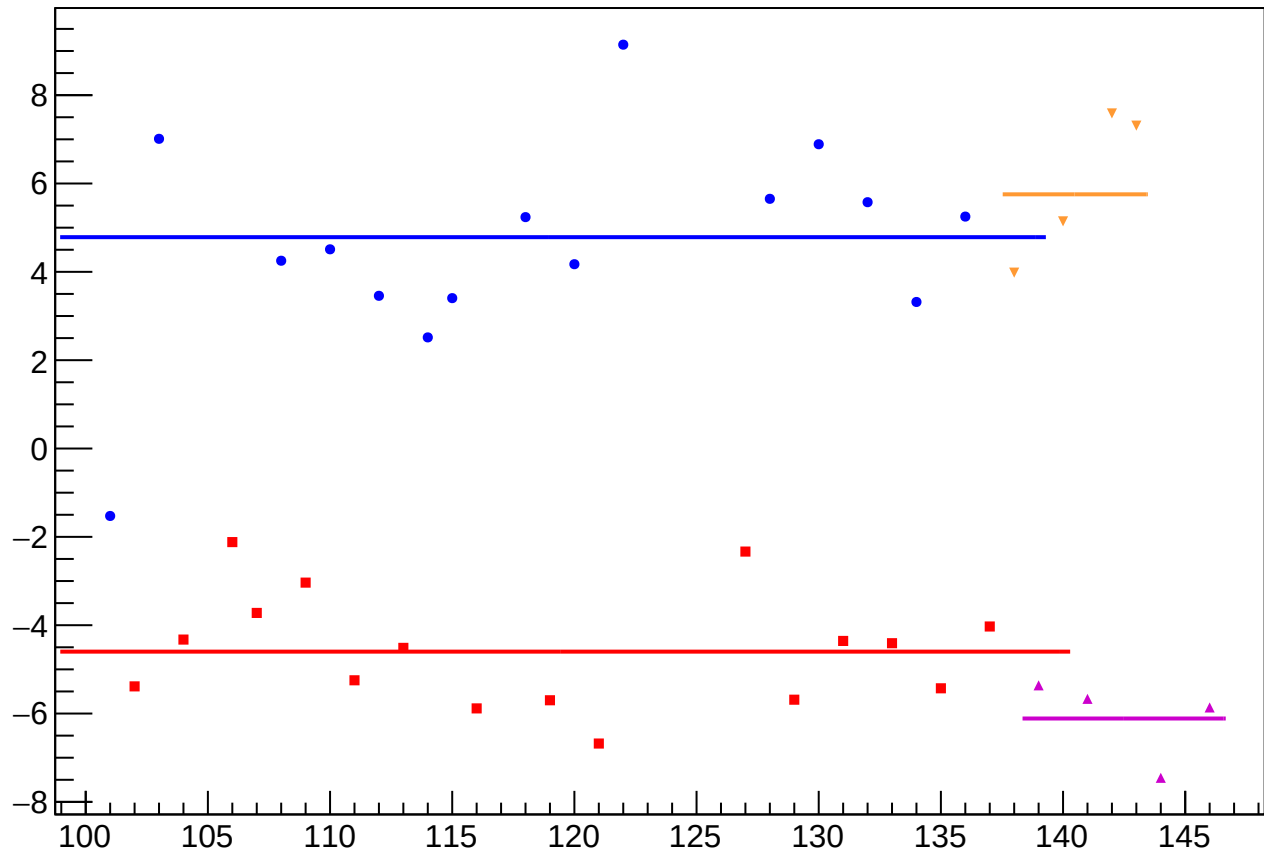
Left In: -1.999 +/- 0.000 χ^2/NDF : 37286574114719457774632358117376.0/3

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 995.231 ± 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3
 Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1107.820 ± 0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_11X12X_coil6_mean vs Slug, Sign Corrected



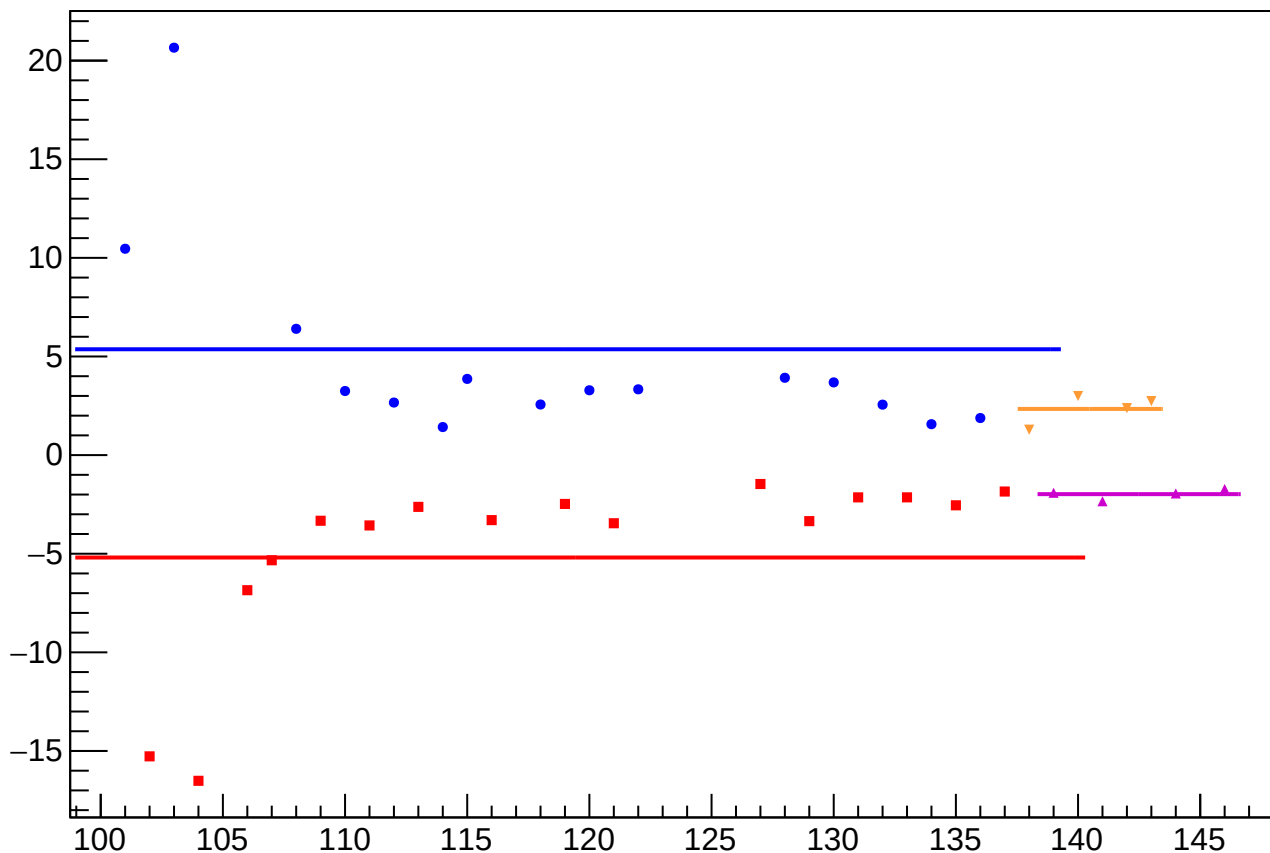
Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14

Left Out: 5.755+/-0.000 χ^2/NDF : 592301610219872196117956151738368.0/3

Right Out: -4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15

Left In: -6.112+/-0.000 χ^2/NDF : 228101685531198080619626069229568.0/3

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



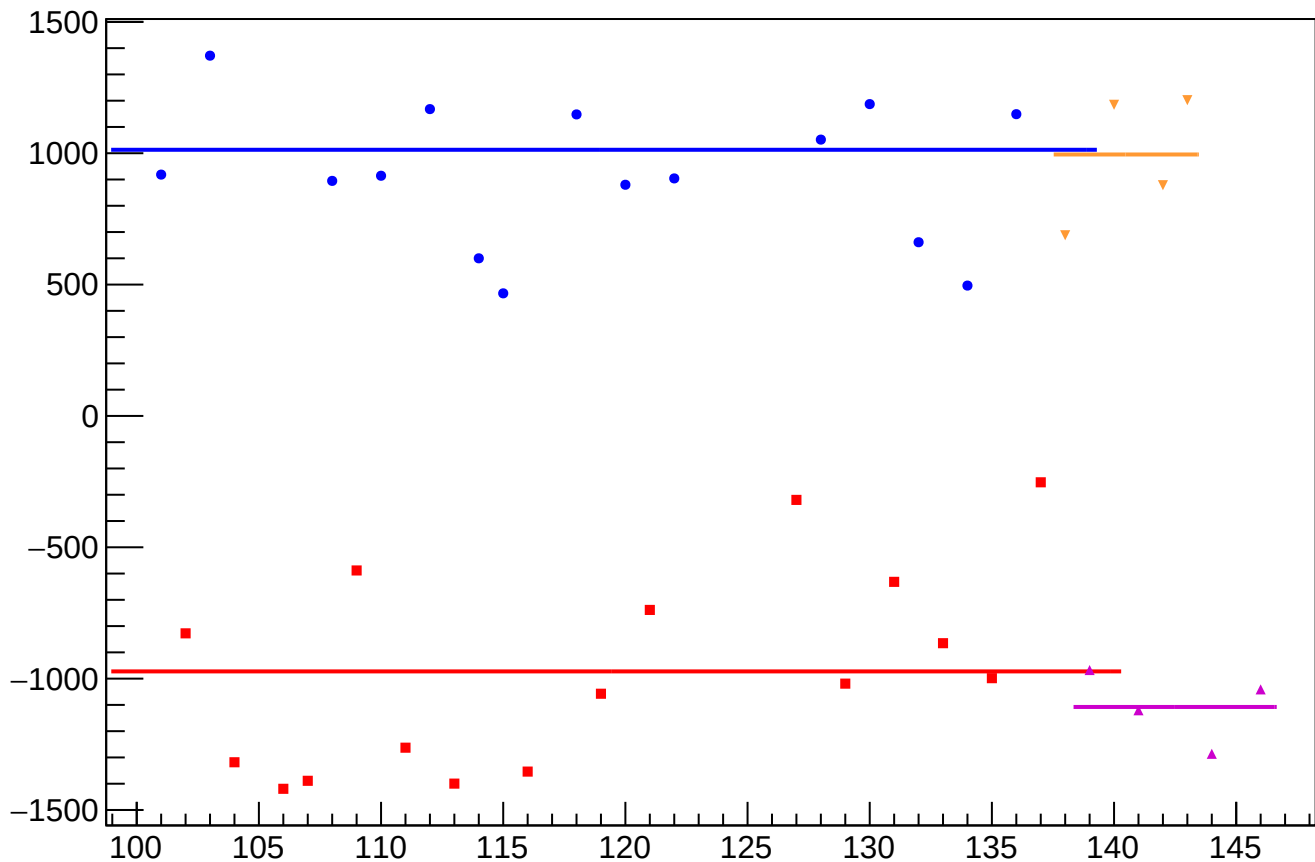
Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.341+/-0.000 χ^2/NDF : 132211207909624020423836895805440.0/3

Right Out: -5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

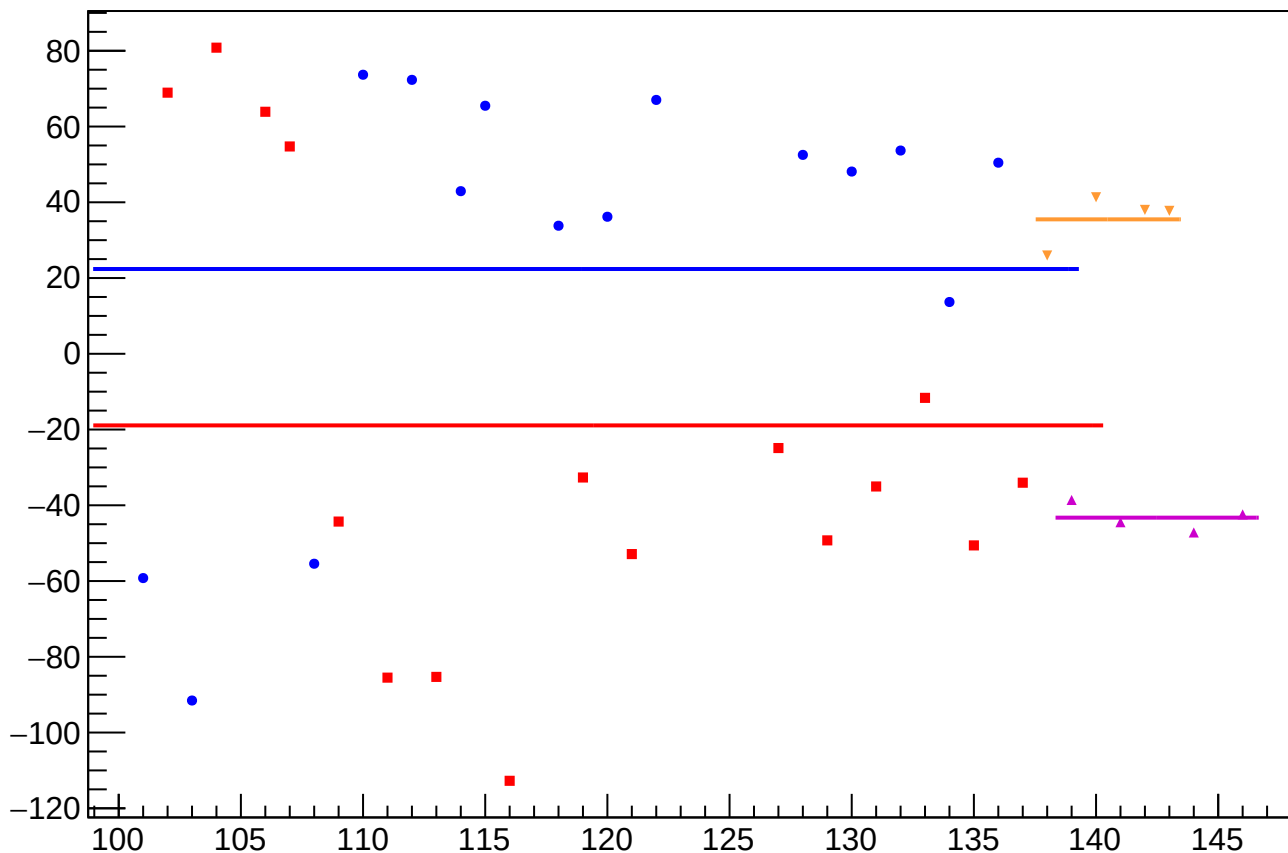
Left In: -1.979+/-0.000 χ^2/NDF : 17207482537662139807465461514240.0/3

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 995.231 ± 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3
 Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1107.820 ± 0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_4aY_coil6_mean vs Slug, Sign Corrected



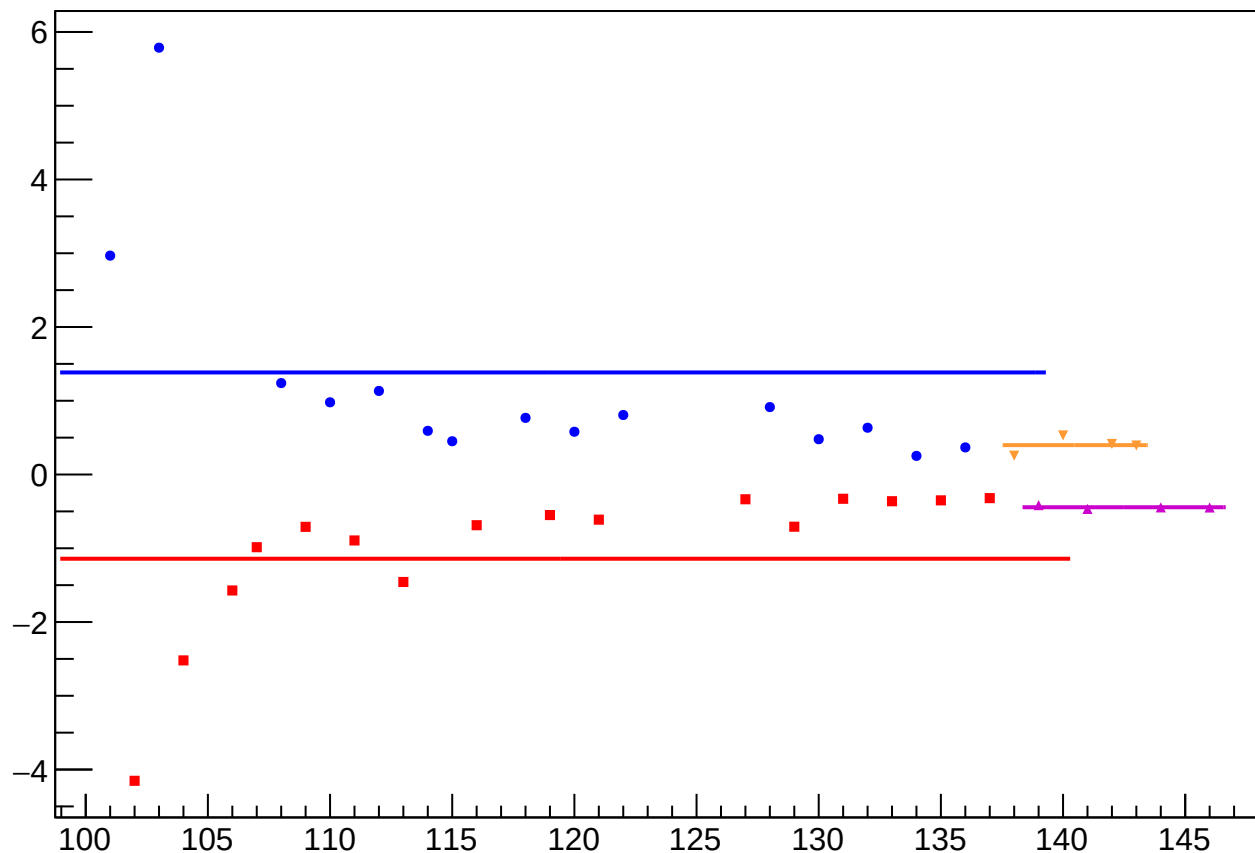
Right In: 22.385 +/- 0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 35.493 +/- 0.000 χ^2/NDF : 10509063747081919195347961090408448.0/3

Right Out: -18.907 +/- 0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

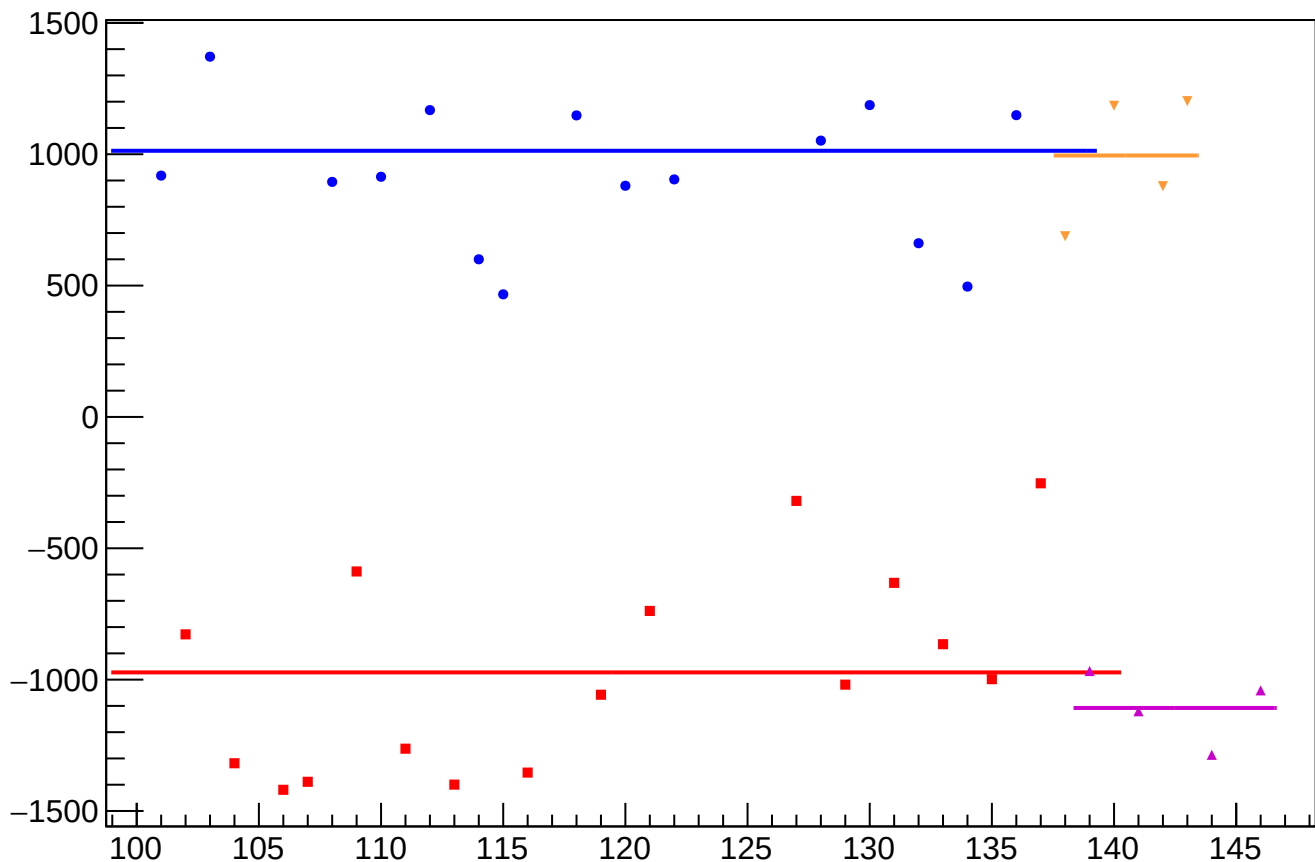
Left In: -43.265 +/- 0.000 χ^2/NDF : 3318056581113162598960325720014848.0/3

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



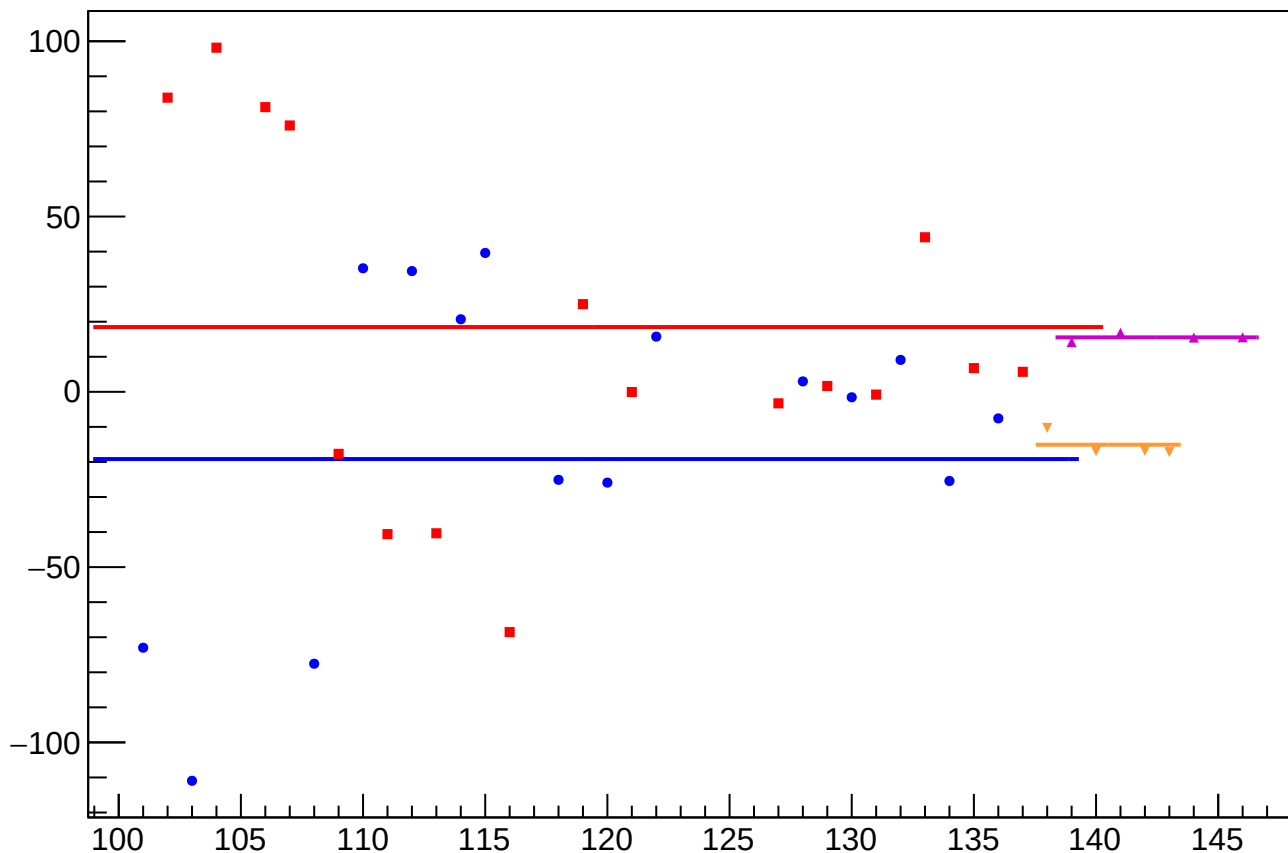
Right In: 1.384 +/- 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14
 Left Out: 0.398 +/- 0.000 χ^2/NDF : 3025666220192006528147914752000.0/3
 Right Out: -1.142 +/- 0.000 χ^2/NDF : 810680738285448955223066212827136.0/15
 Left In: -0.444 +/- 0.000 χ^2/NDF : 111200396929404492644649795584.0/3

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 995.231 ± 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3
 Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1107.820 ± 0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_4eY_coil6_mean vs Slug, Sign Corrected



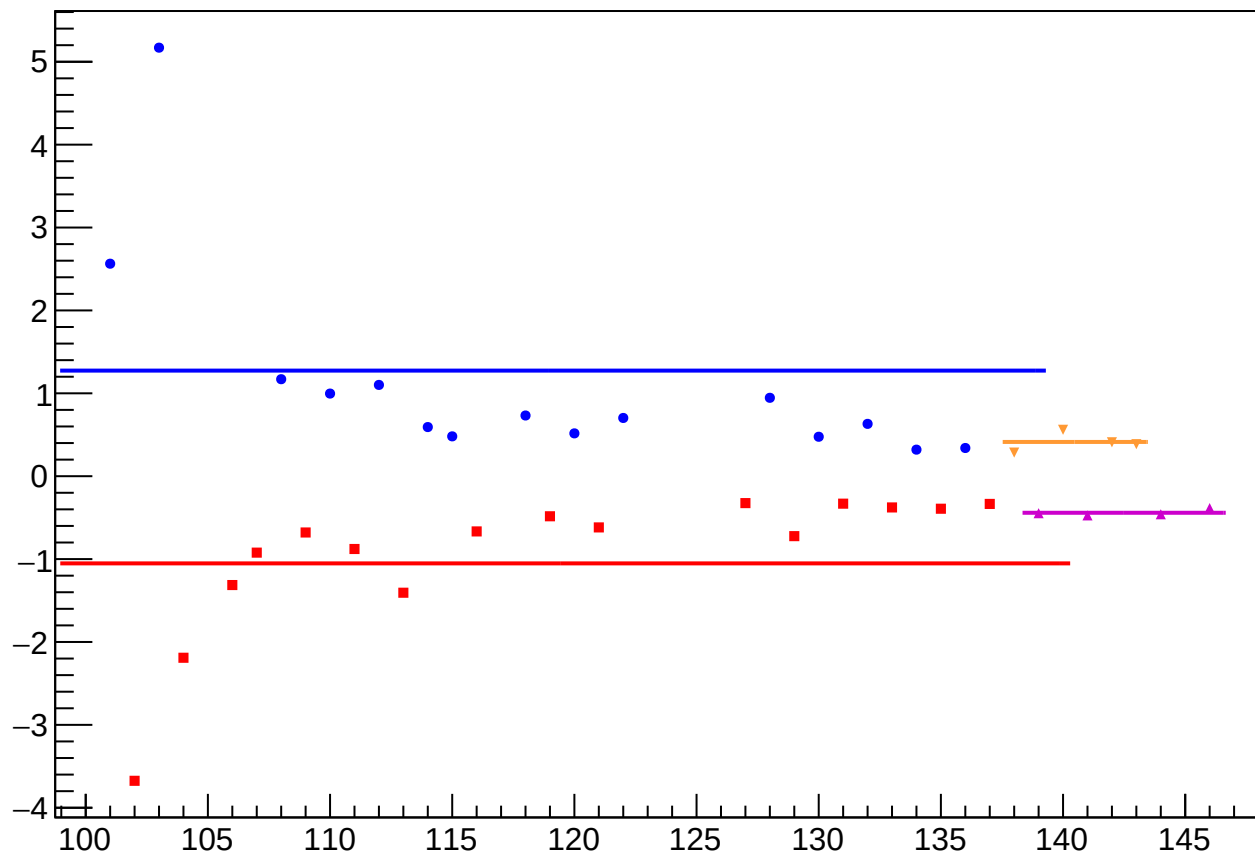
Right In: -19.175 ± 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -15.086 ± 0.000 χ^2/NDF : 2507065729335252645628906106257408.0/3

Right Out: 18.479 ± 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

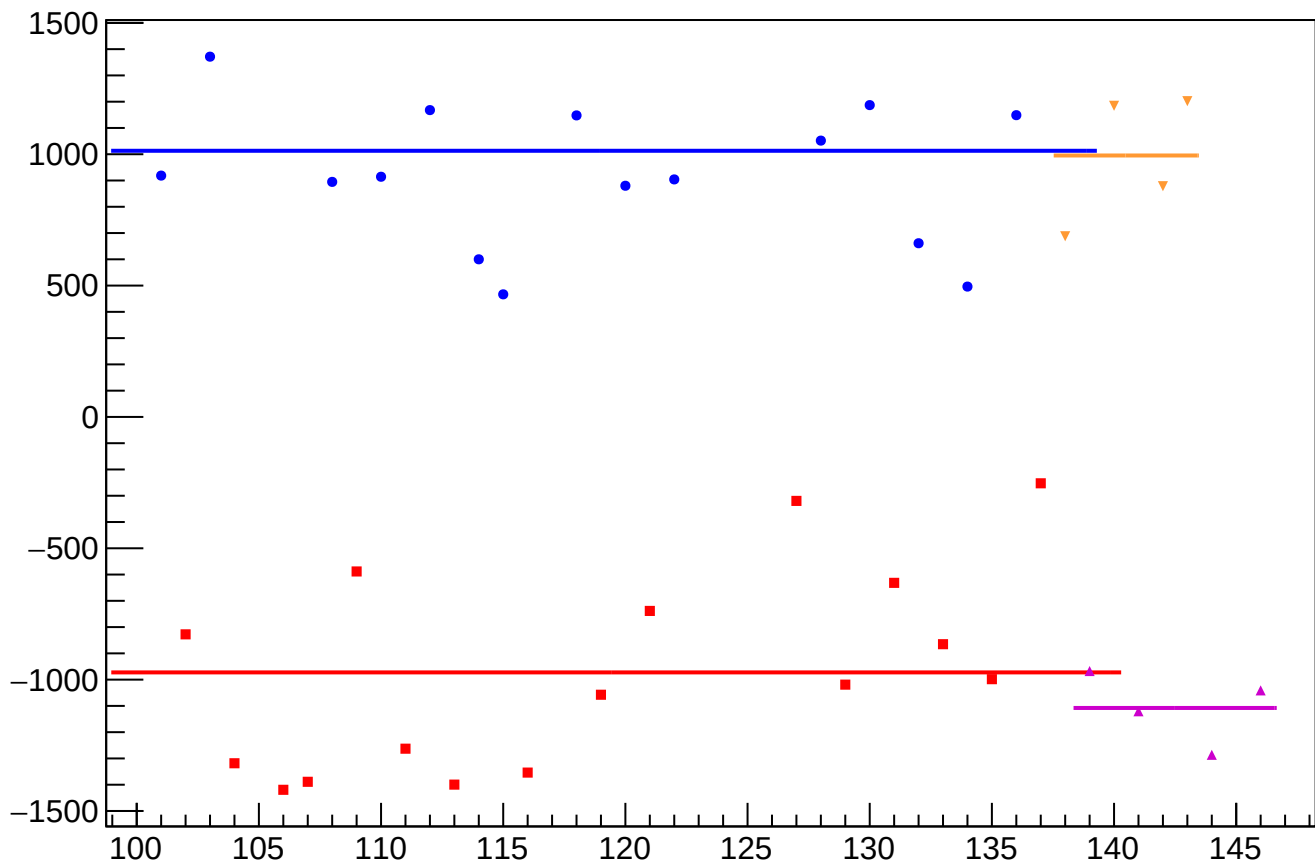
Left In: 15.533 ± 0.000 χ^2/NDF : 295578324140029145582198415425536.0/3

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



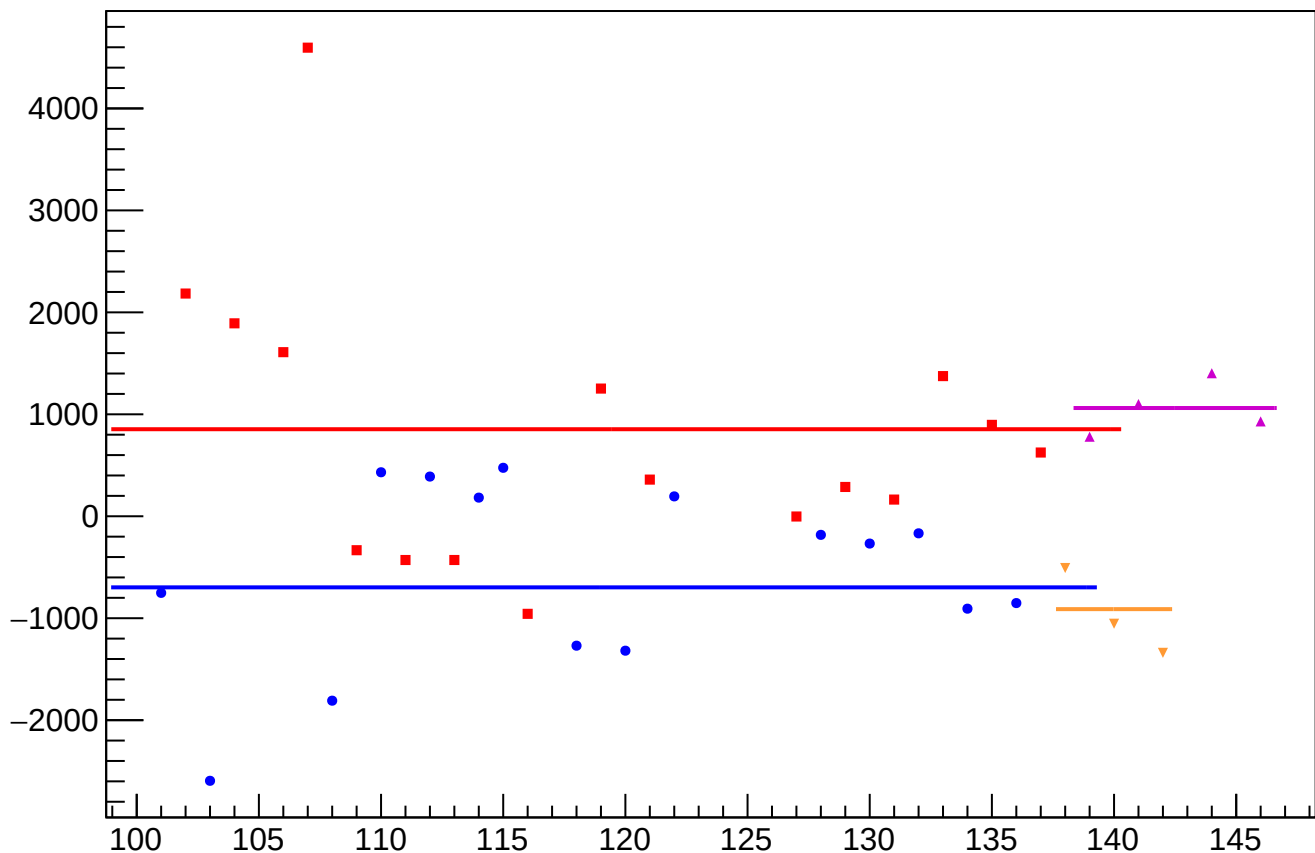
Right In: 1.274 ± 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.413 ± 0.000 χ^2/NDF : 3099657026170121235946989944832.0/3
 Right Out: -1.052 ± 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: -0.441 ± 0.000 χ^2/NDF : 381738113891467609864455323648.0/3

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



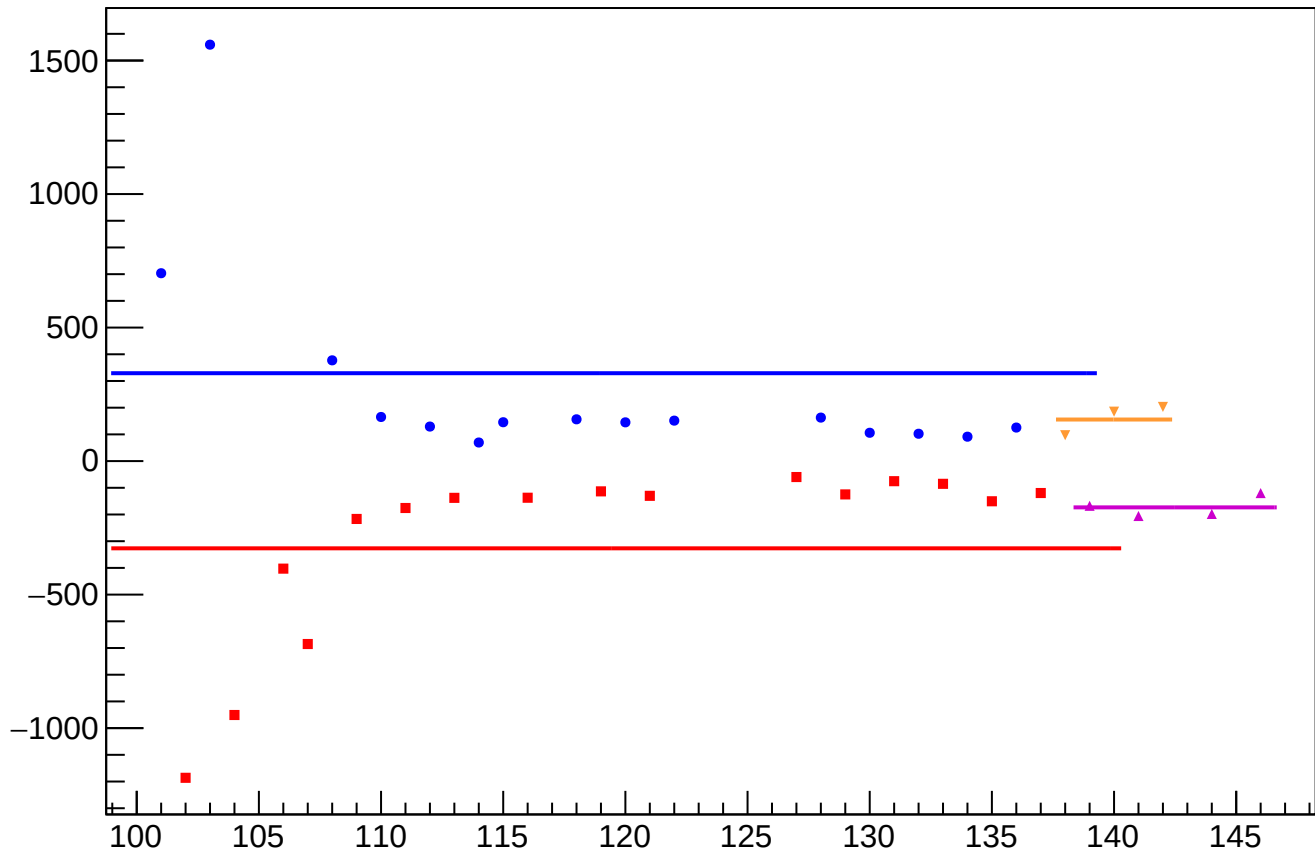
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1107.820+/-0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_usl_coil6_mean vs Slug, Sign Corrected



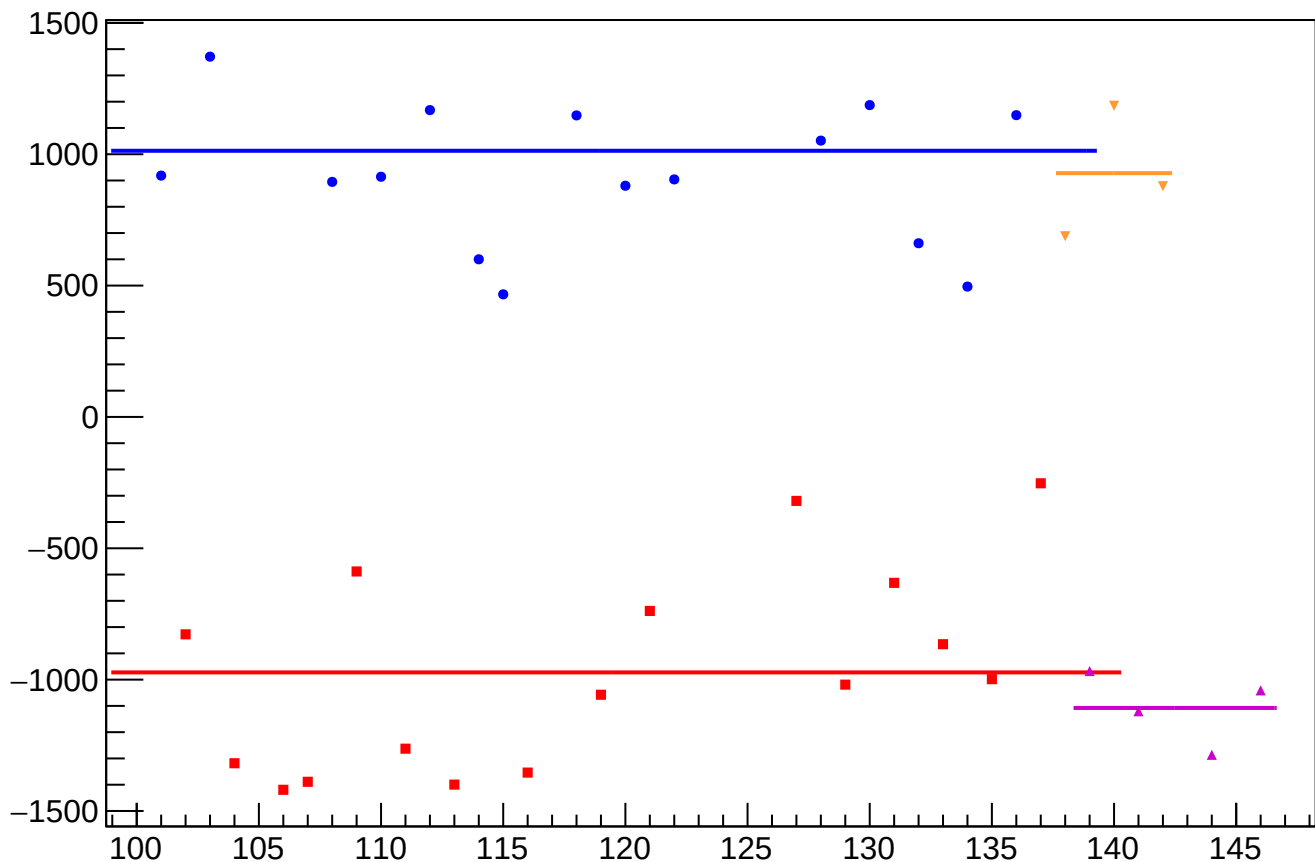
Right In: -697.283+/-0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14
 Left Out: -910.870+/-0.000 χ^2/NDF : 22820019646586669628480495119138553856.0/2
 Right Out: 853.734+/-0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15
 Left In: 1061.694+/-0.000 χ^2/NDF : 18332832777252071174348241535435276288.0/3

dit_usl_coil6_err_mean vs Slug, Sign Corrected



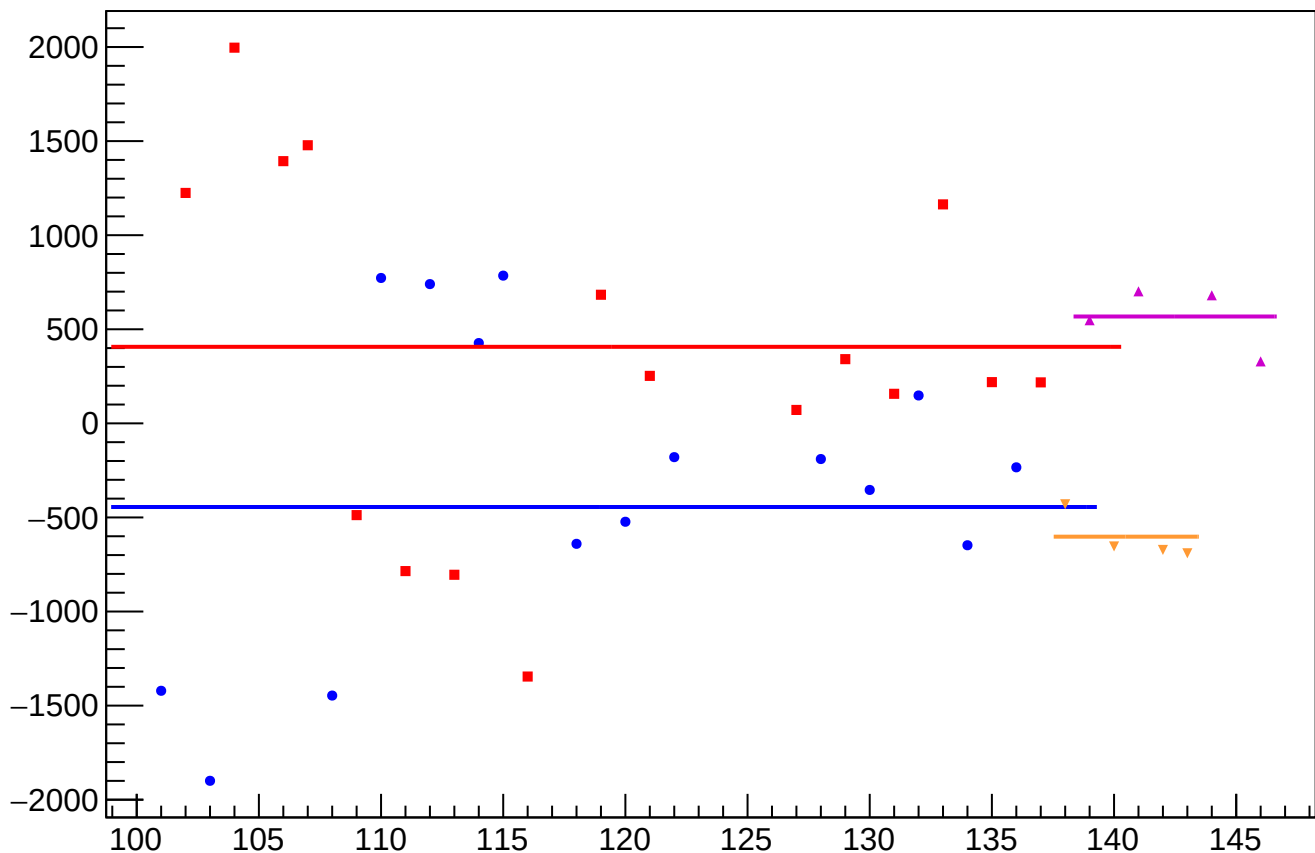
Right In: 329.108 +/- 0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14
 Left Out: 155.641 +/- 0.000 χ^2/NDF : 443073789349524555903879624024653824.0/2
 Right Out: -326.695 +/- 0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15
 Left In: -173.330 +/- 0.000 χ^2/NDF : 383100404939416939972577737316499456.0/3

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



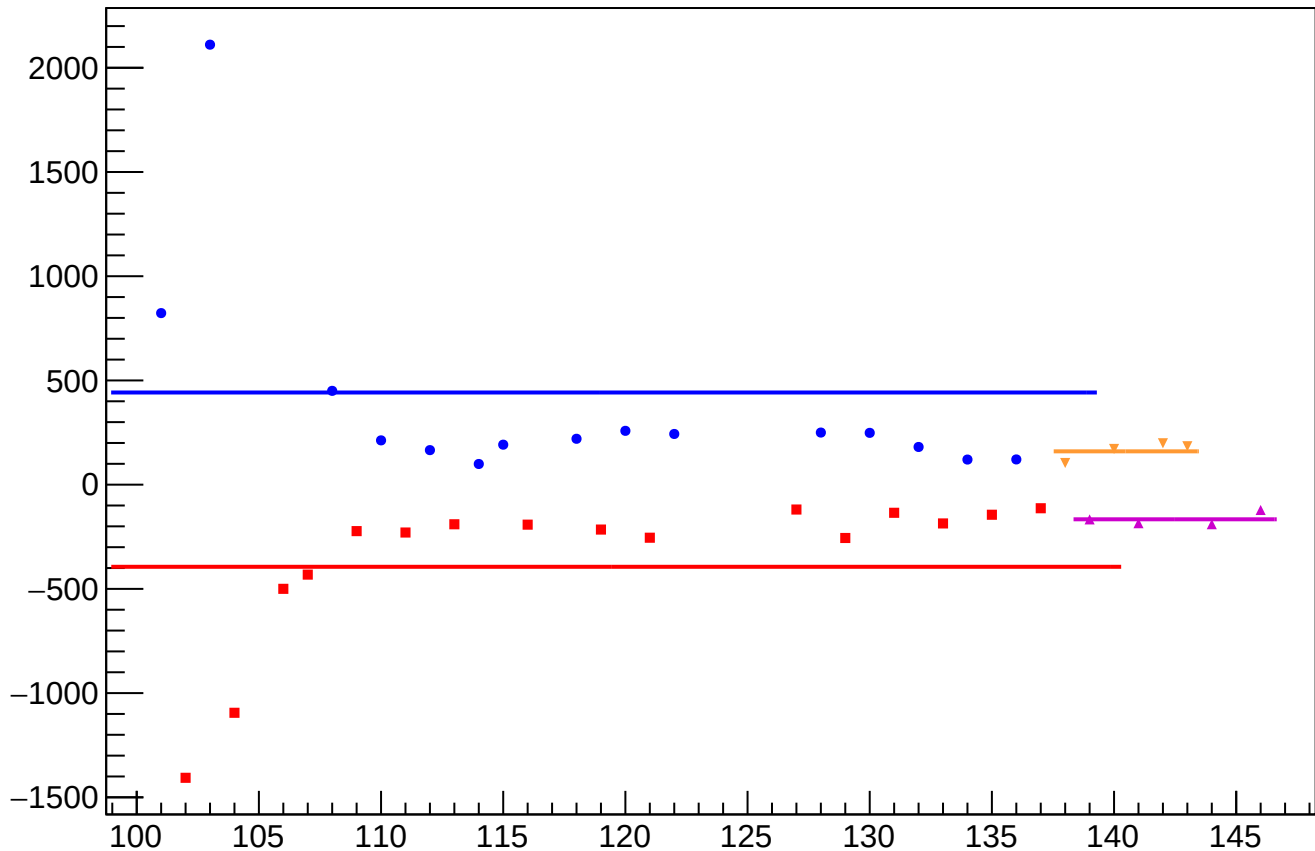
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 927.985+/-0.000 χ^2/NDF : 10009056230898065180844395181394362368.0/2
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1107.820+/-0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_usr_coil6_mean vs Slug, Sign Corrected



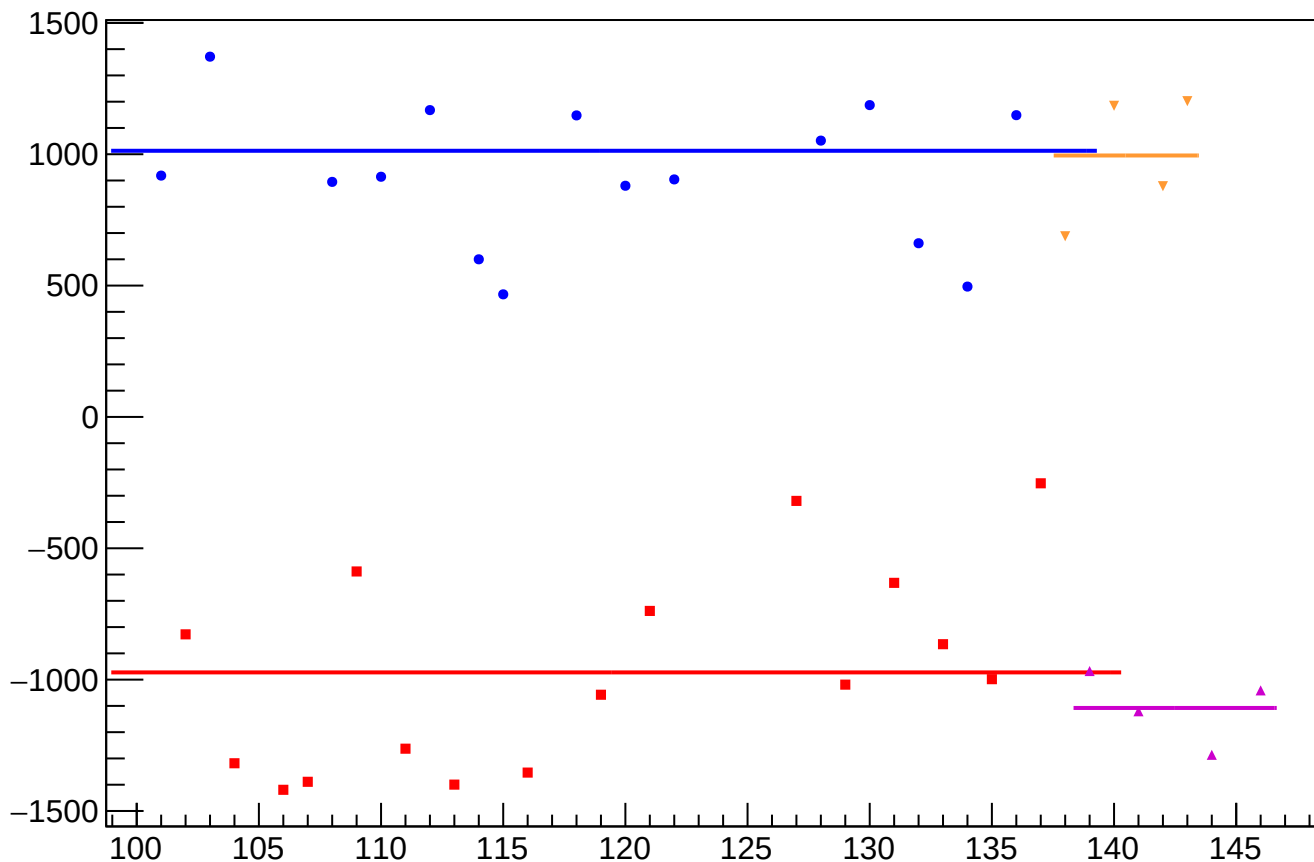
Right In: -444.512 ± 0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14
 Left Out: -602.165 ± 0.000 χ^2/NDF : 3285095122083930811468617045990440960.0/3
 Right Out: 406.729 ± 0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15
 Left In: 567.892 ± 0.000 χ^2/NDF : 7407068838373668223910504506316554240.0/3

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14
 Left Out: 159.850+/-0.000 χ^2/NDF : 363498674659414076230998311363936256.0/3
 Right Out: -394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15
 Left In: -166.200+/-0.000 χ^2/NDF : 245376345862006496776737275005370368.0/3

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



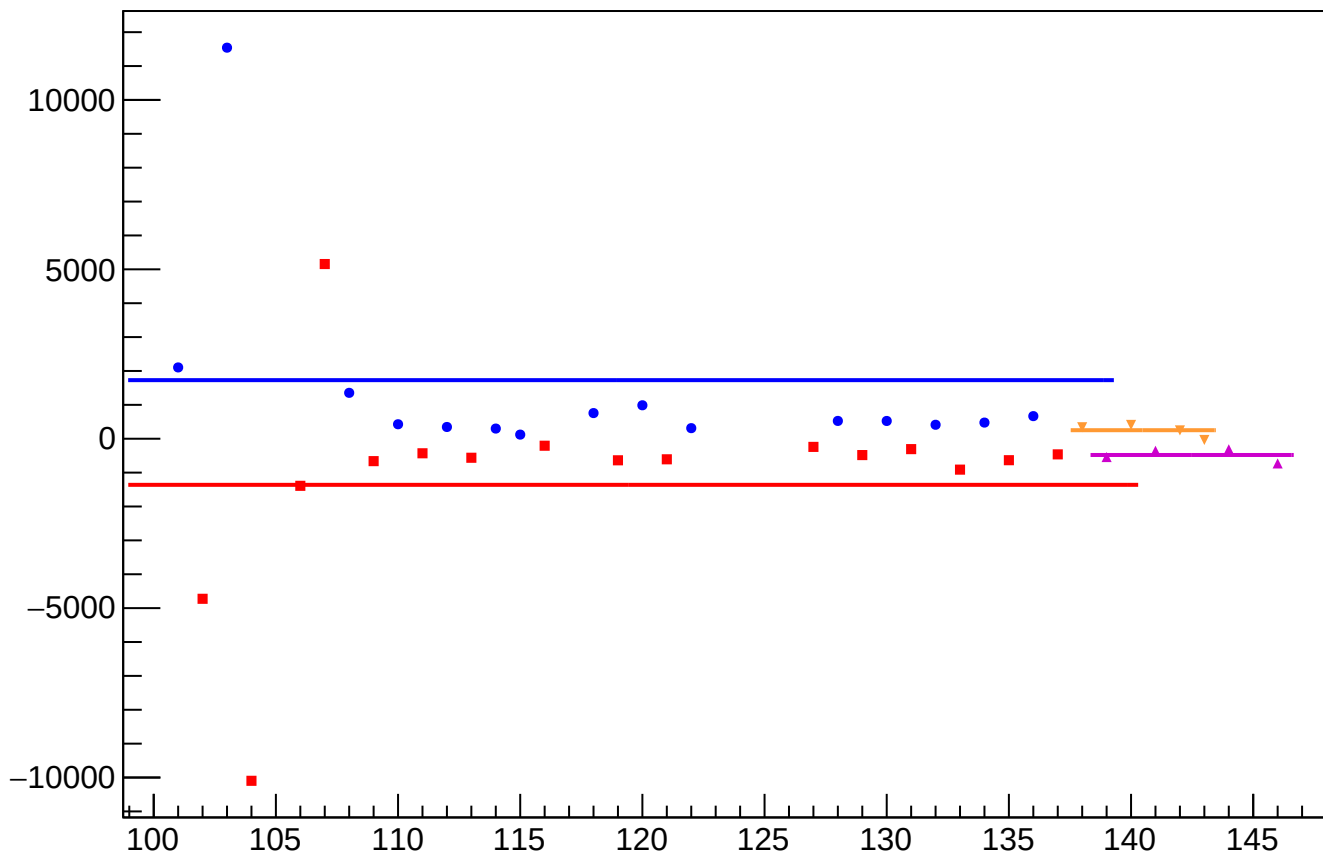
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231 ± 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

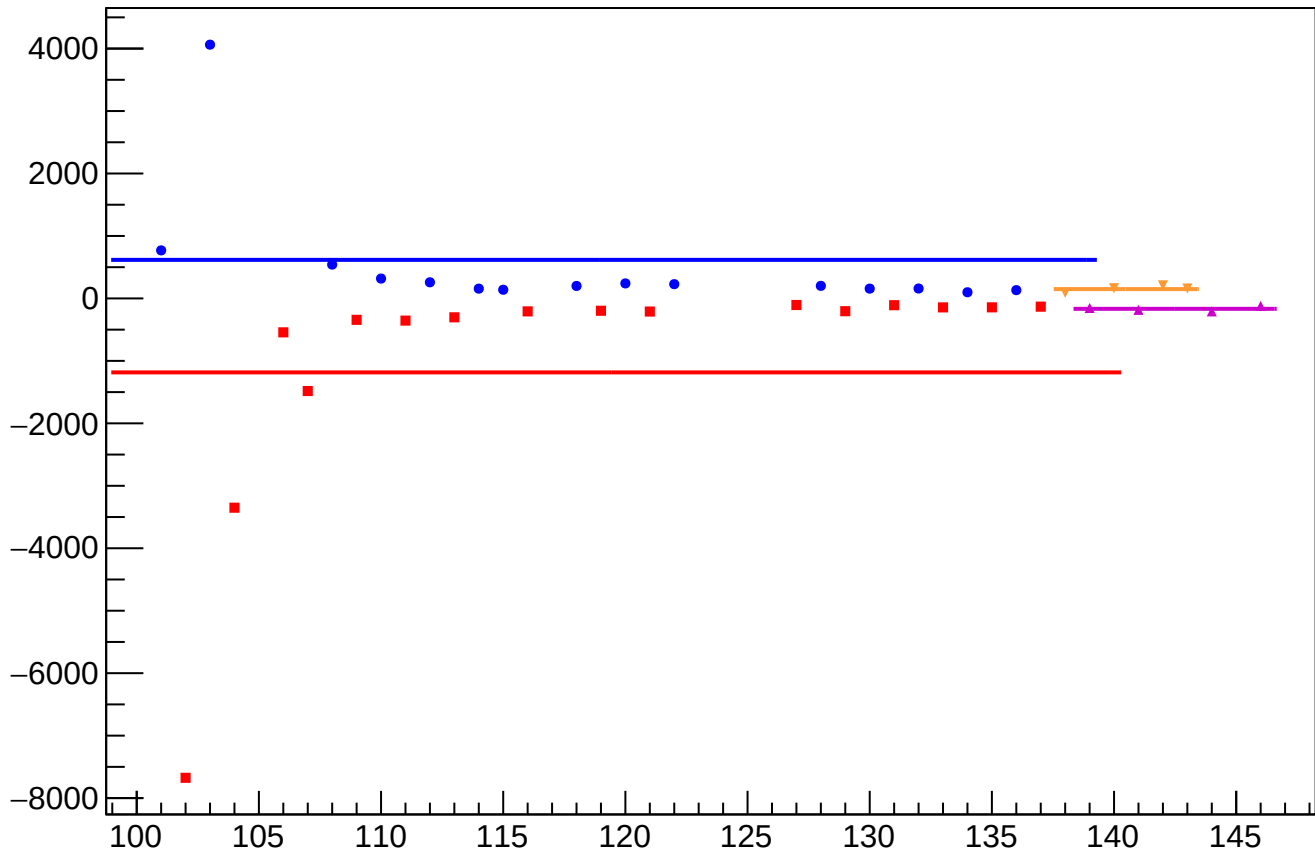
Left In: -1107.820 ± 0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 251.655+/-0.000 χ^2/NDF : 8152637205134913830492558527574310912.0/3
 Right Out: -1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: -479.747+/-0.000 χ^2/NDF : 9294681209108435562414739323583725568.0/3

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



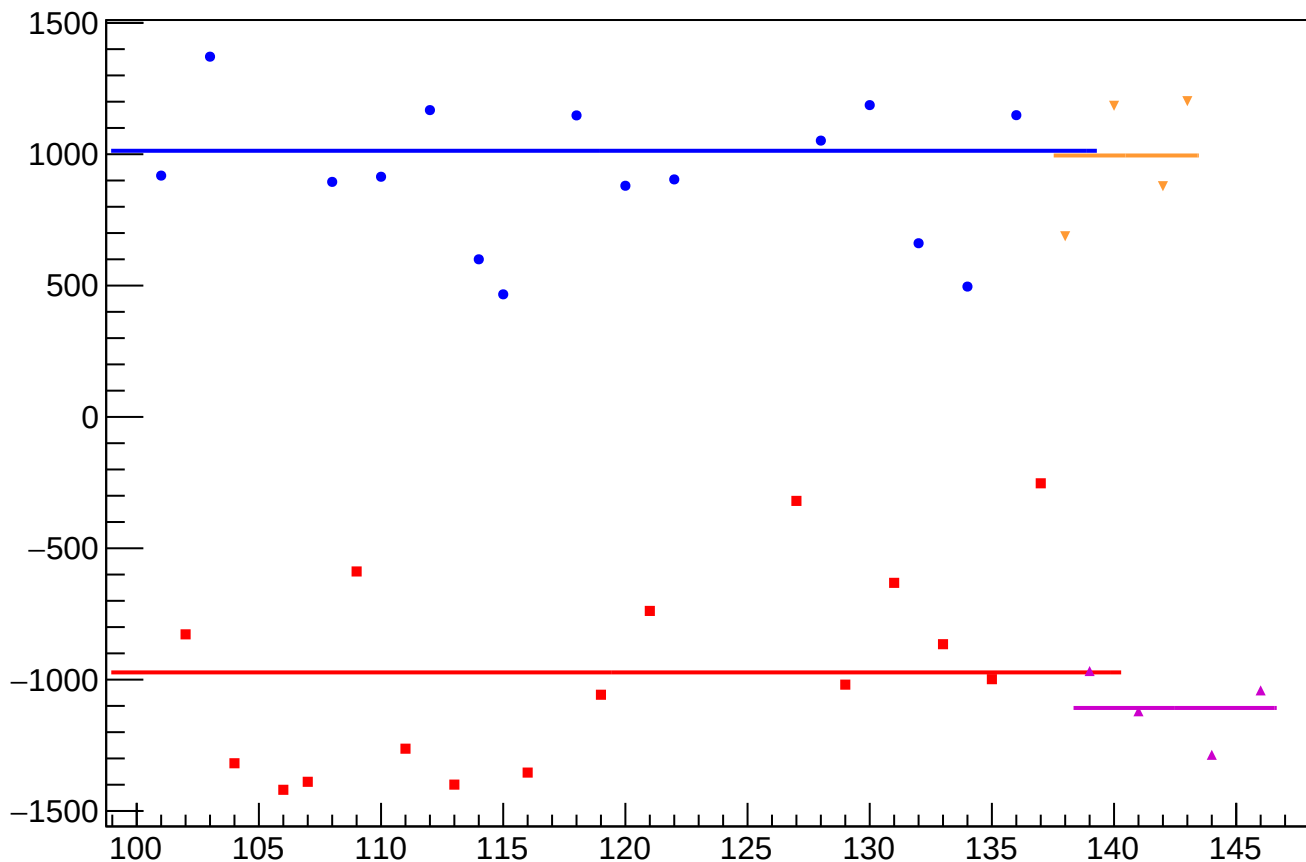
Right In: 617.343 +/- 0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 149.322 +/- 0.000 χ^2/NDF : 458467055803352192104933557536817152.0/3

Right Out: -1184.322 +/- 0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

Left In: -166.497 +/- 0.000 χ^2/NDF : 373907251778732326090455768329355264.0/3

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



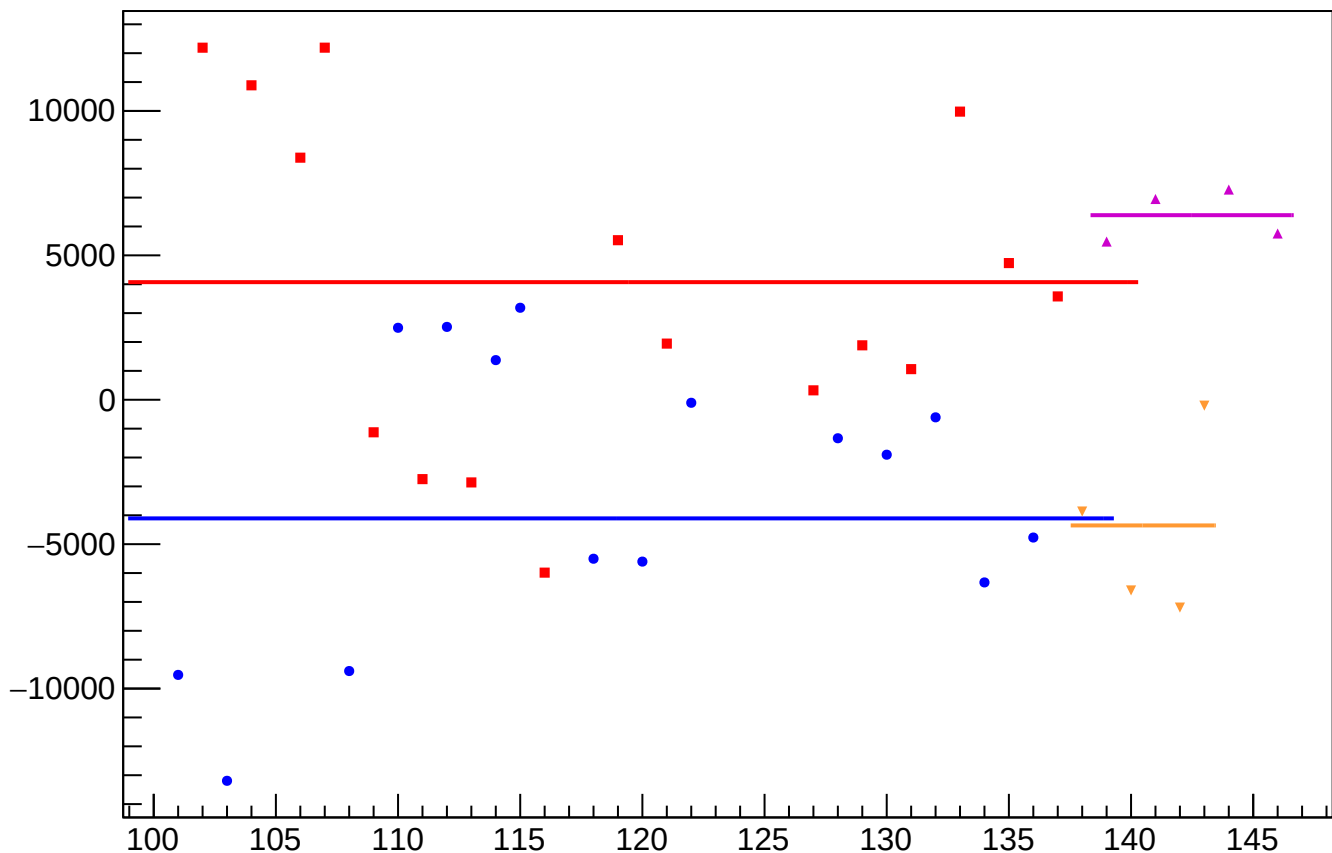
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231 ± 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

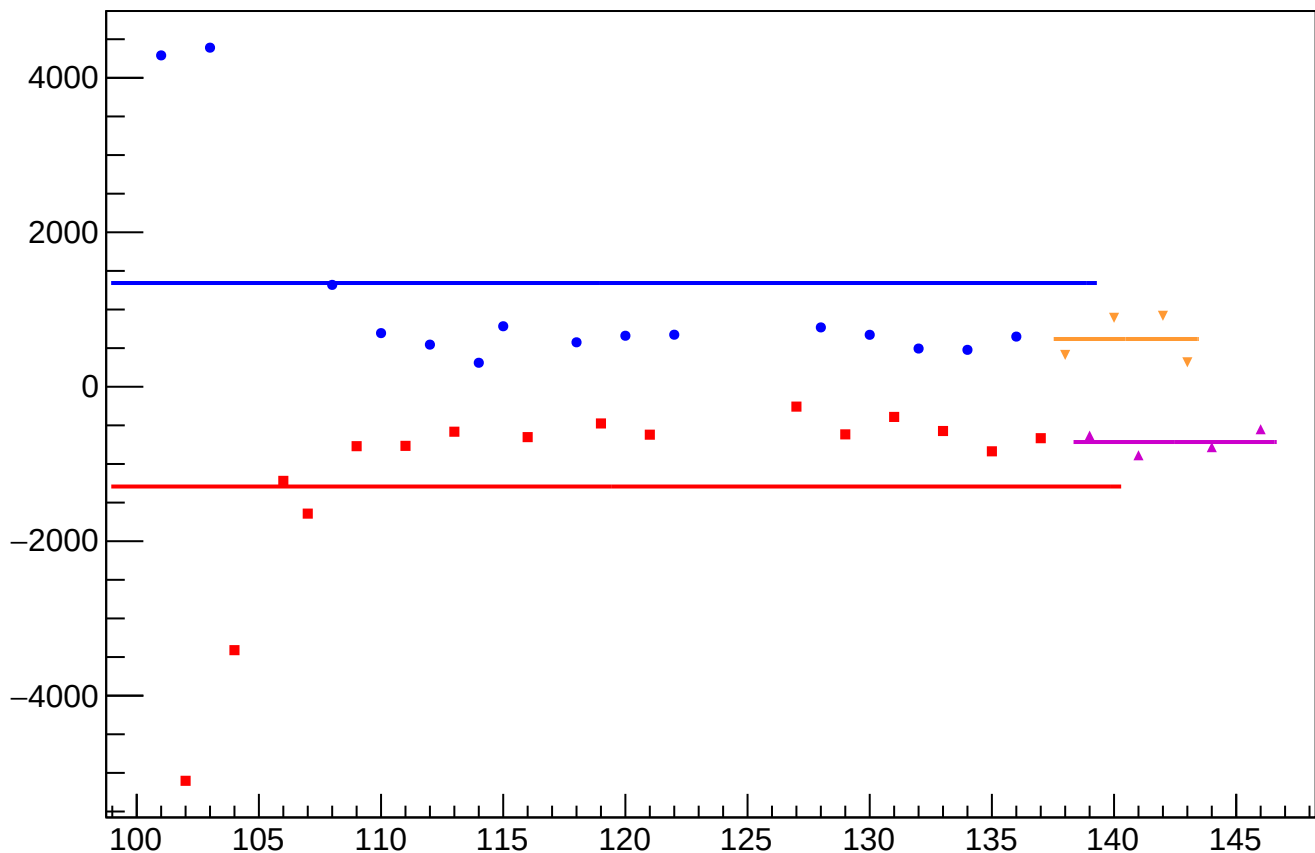
Left In: -1107.820 ± 0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_atl2_coil6_mean vs Slug, Sign Corrected



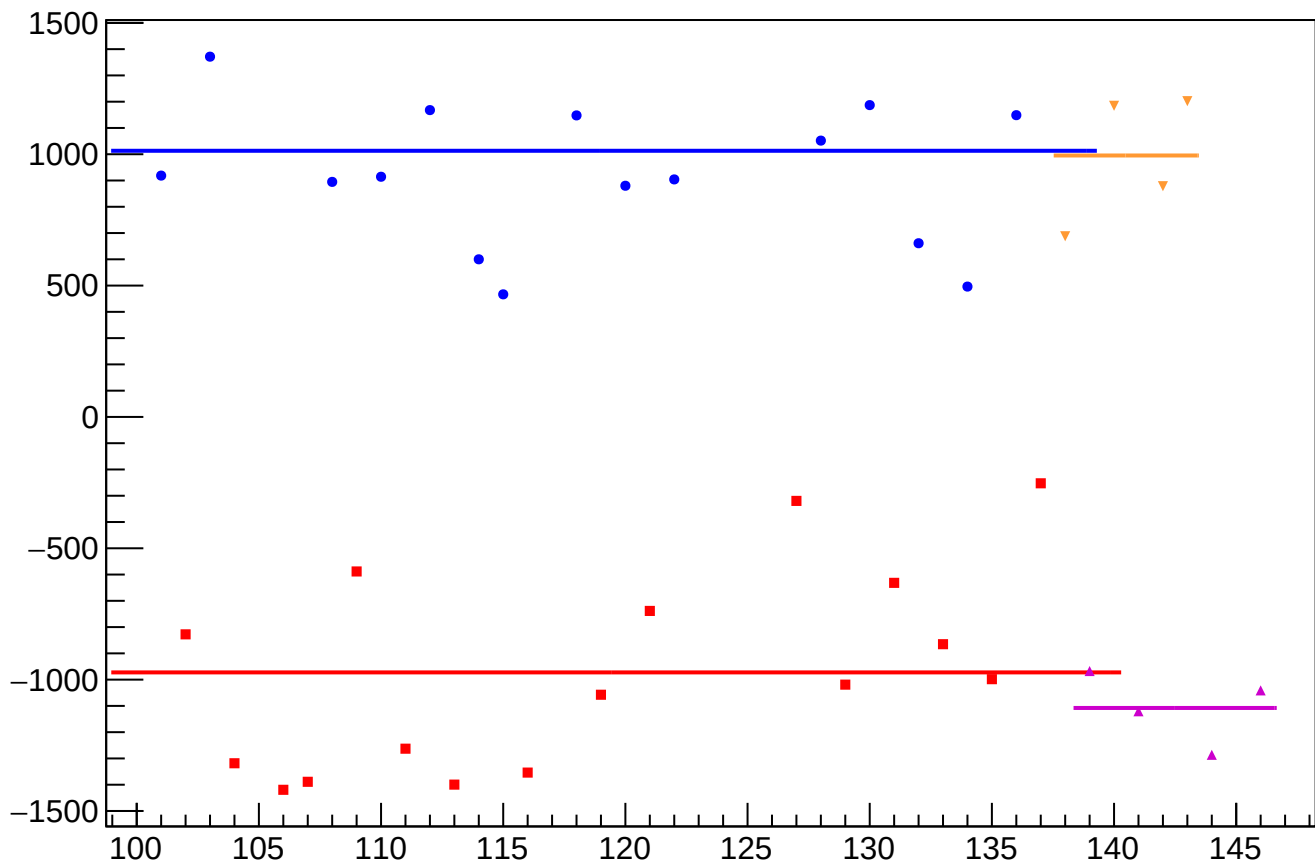
Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -4351.351+/-0.000	χ^2/NDF : 1958161114710212721605961986320296312832.0/3
Right Out: 4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: 6391.044+/-0.000	χ^2/NDF : 197758416531862153907848994700392398848.0/3

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



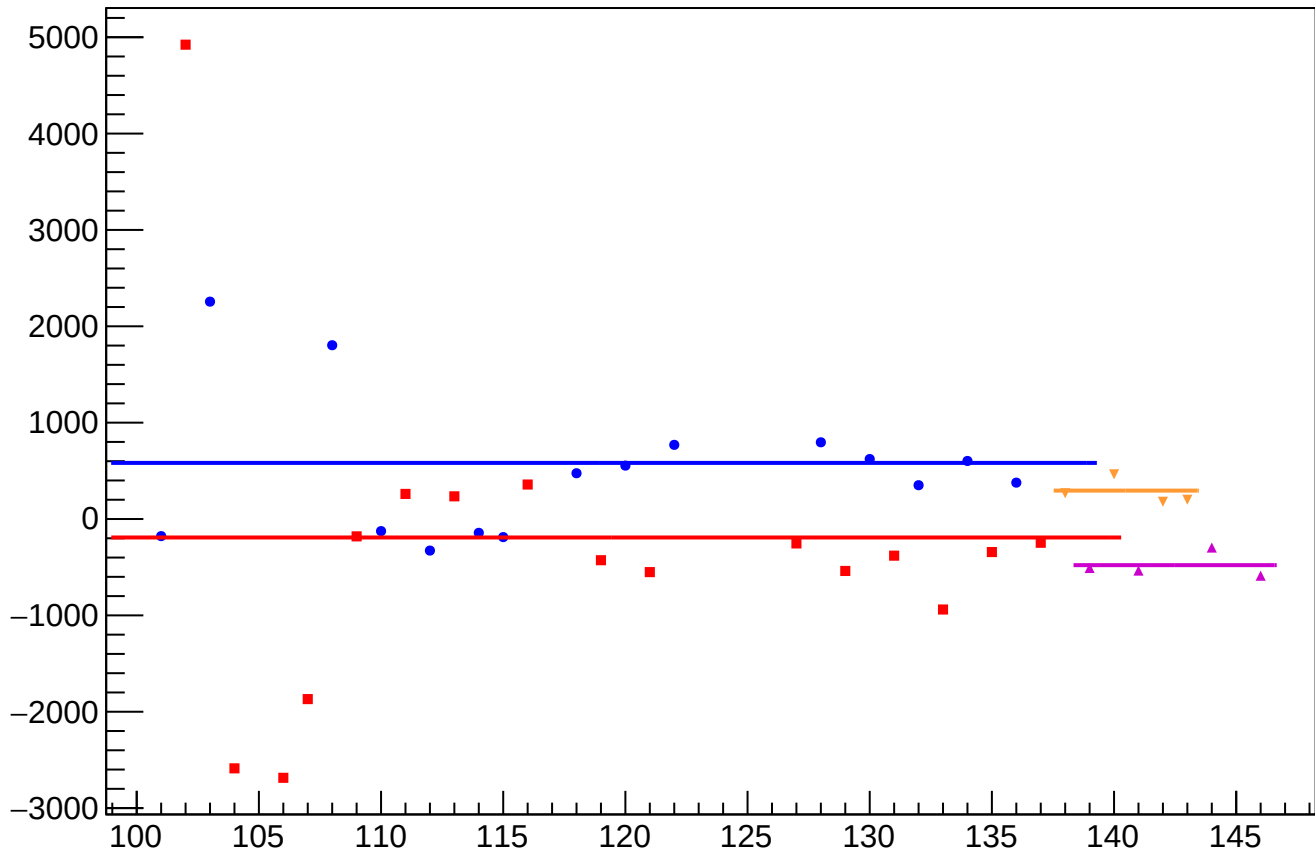
Right In: 1343.321 +/- 0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 618.353 +/- 0.000 χ^2/NDF : 19745842225679745166772173951543017472.0/3
 Right Out: -1291.796 +/- 0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: -715.640 +/- 0.000 χ^2/NDF : 5727741452194447409861220086040231936.0/3

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



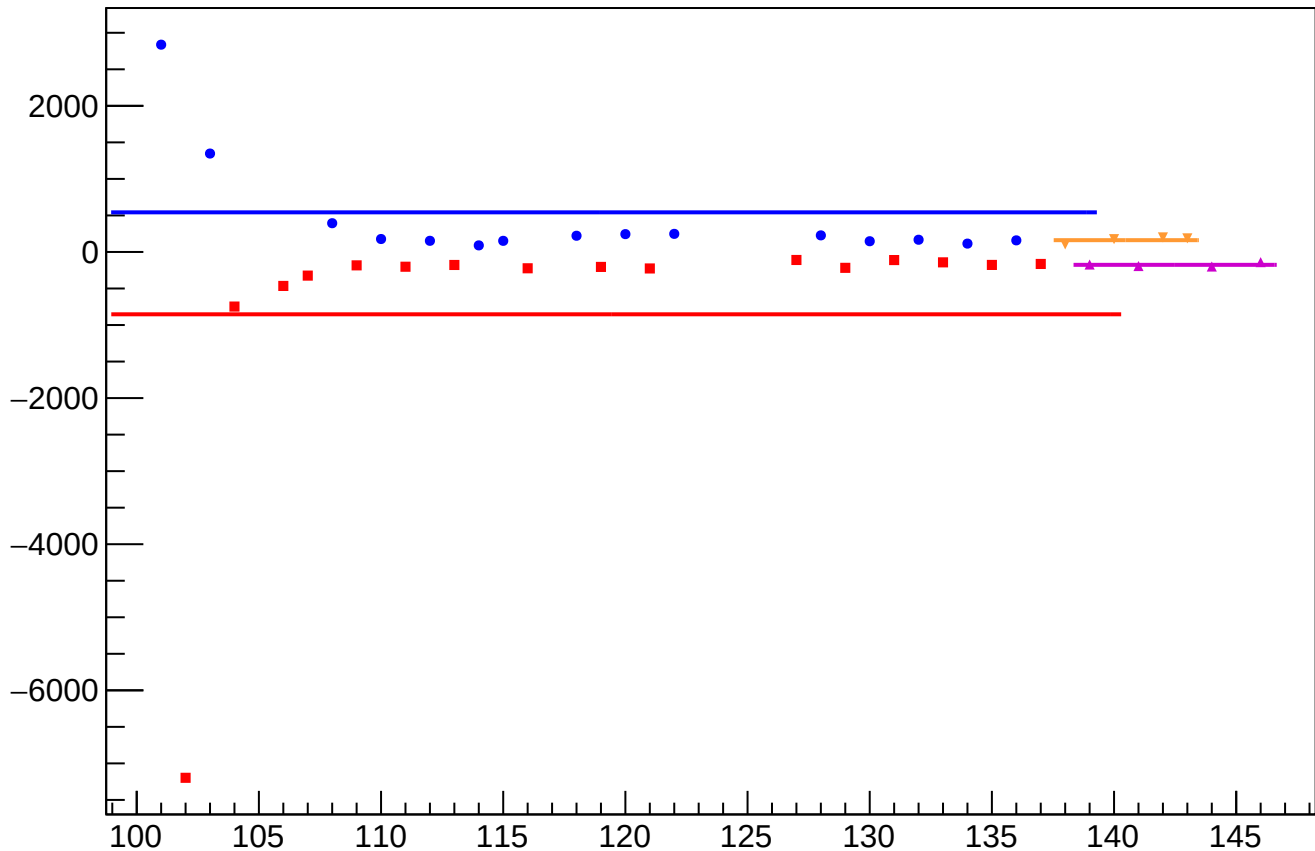
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 995.231+/-0.000	χ^2/NDF : 13804646751051209877541234219251924992.0/3
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: -1107.820+/-0.000	χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 582.390 ± 0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14
 Left Out: 294.972 ± 0.000 χ^2/NDF : 3612781917771883710835991309595967488.0/3
 Right Out: -191.587 ± 0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15
 Left In: -478.793 ± 0.000 χ^2/NDF : 4303684833591441735942886846269227008.0/3

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



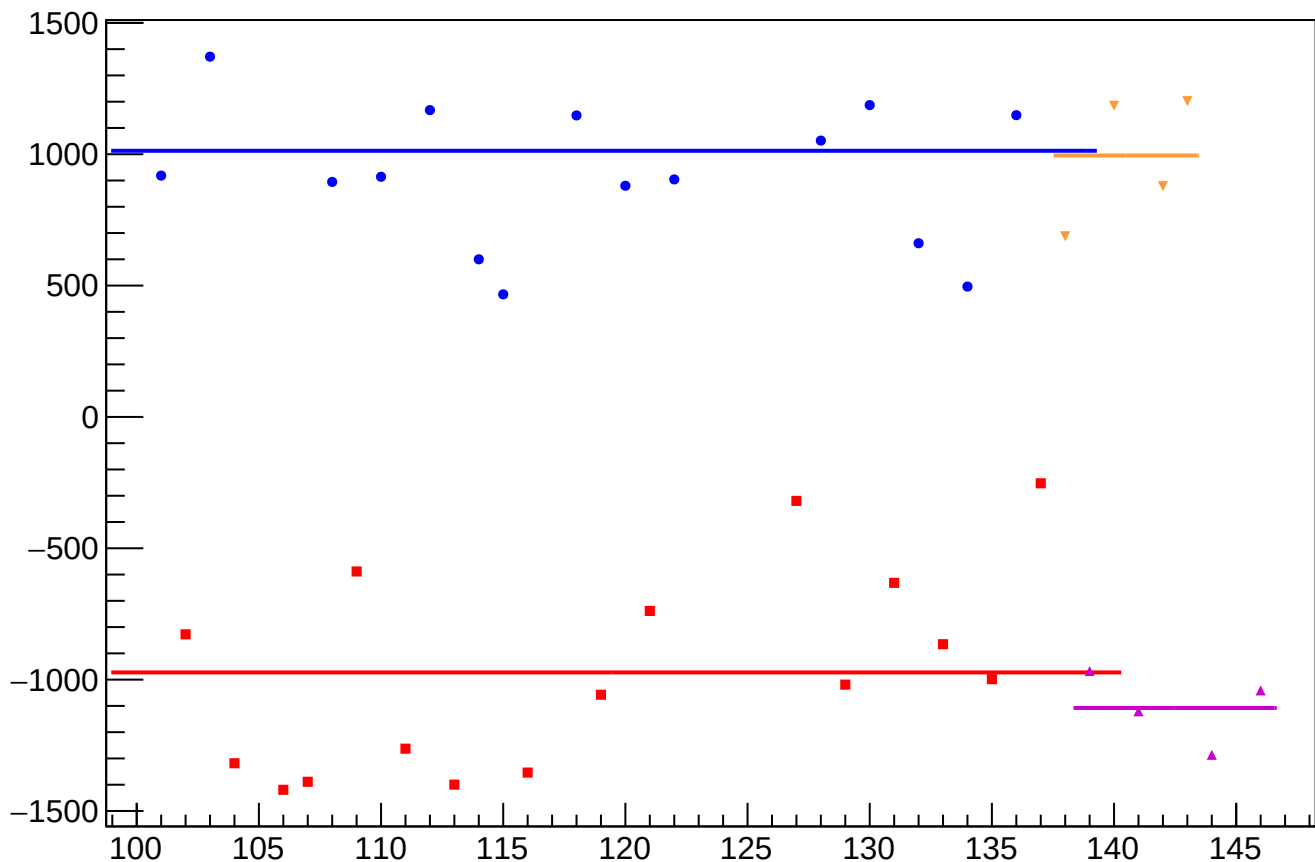
Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 161.371+/-0.000 χ^2/NDF : 387547486329658650599445603383508992.0/3

Right Out: -853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

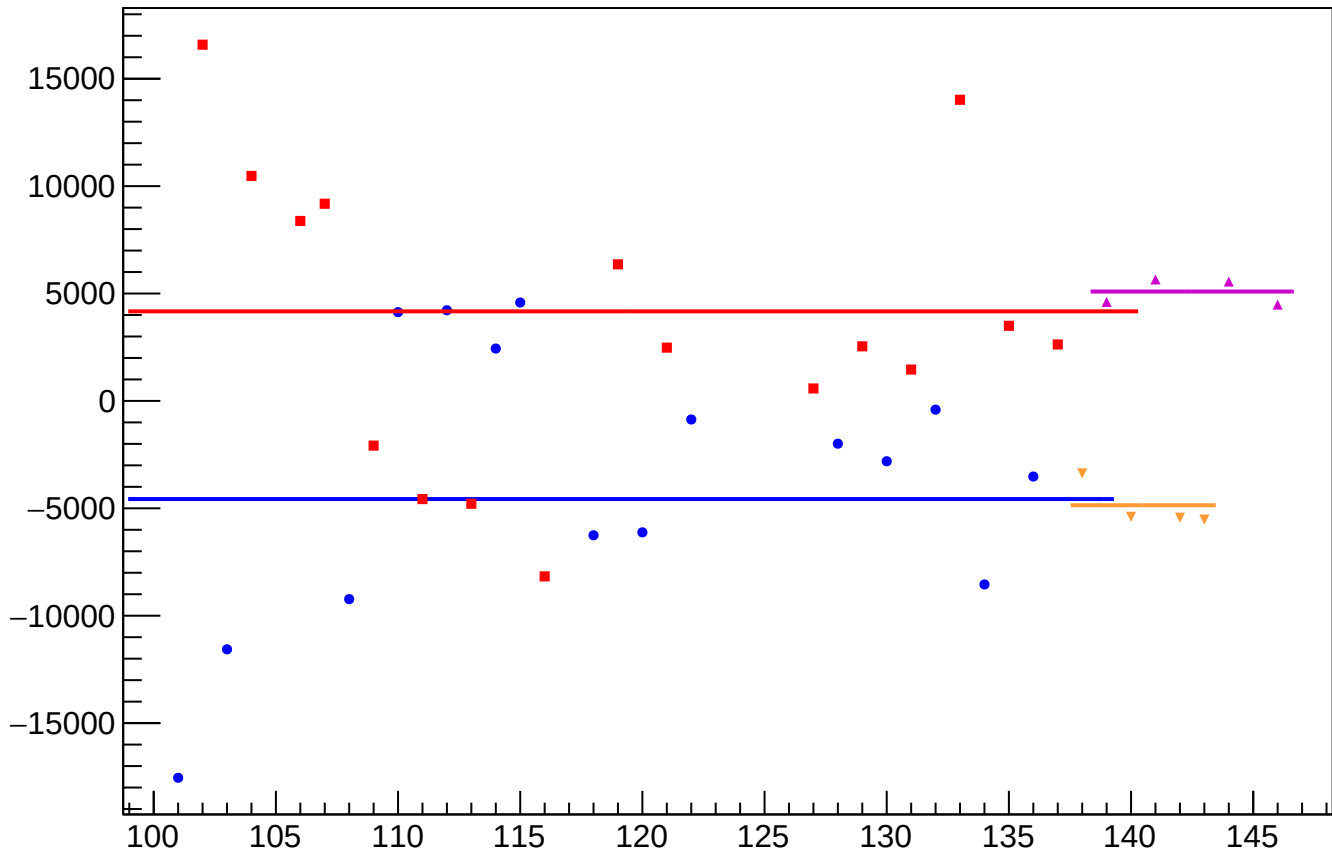
Left In: -176.191+/-0.000 χ^2/NDF : 185796904267531295033464779572248576.0/3

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



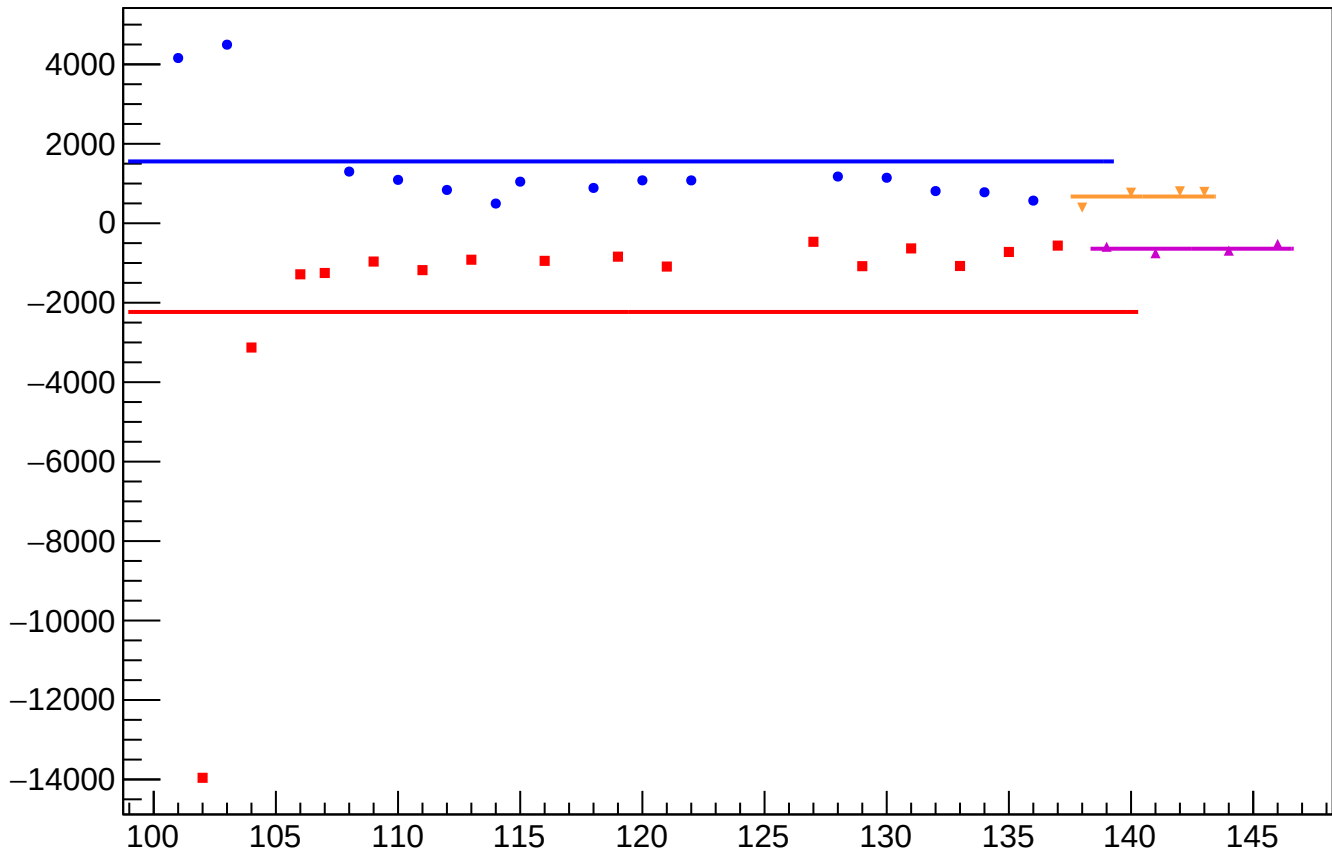
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 995.231+/-0.000	χ^2/NDF : 13804646751051209877541234219251924992.0/3
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: -1107.820+/-0.000	χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_atr2_coil6_mean vs Slug, Sign Corrected



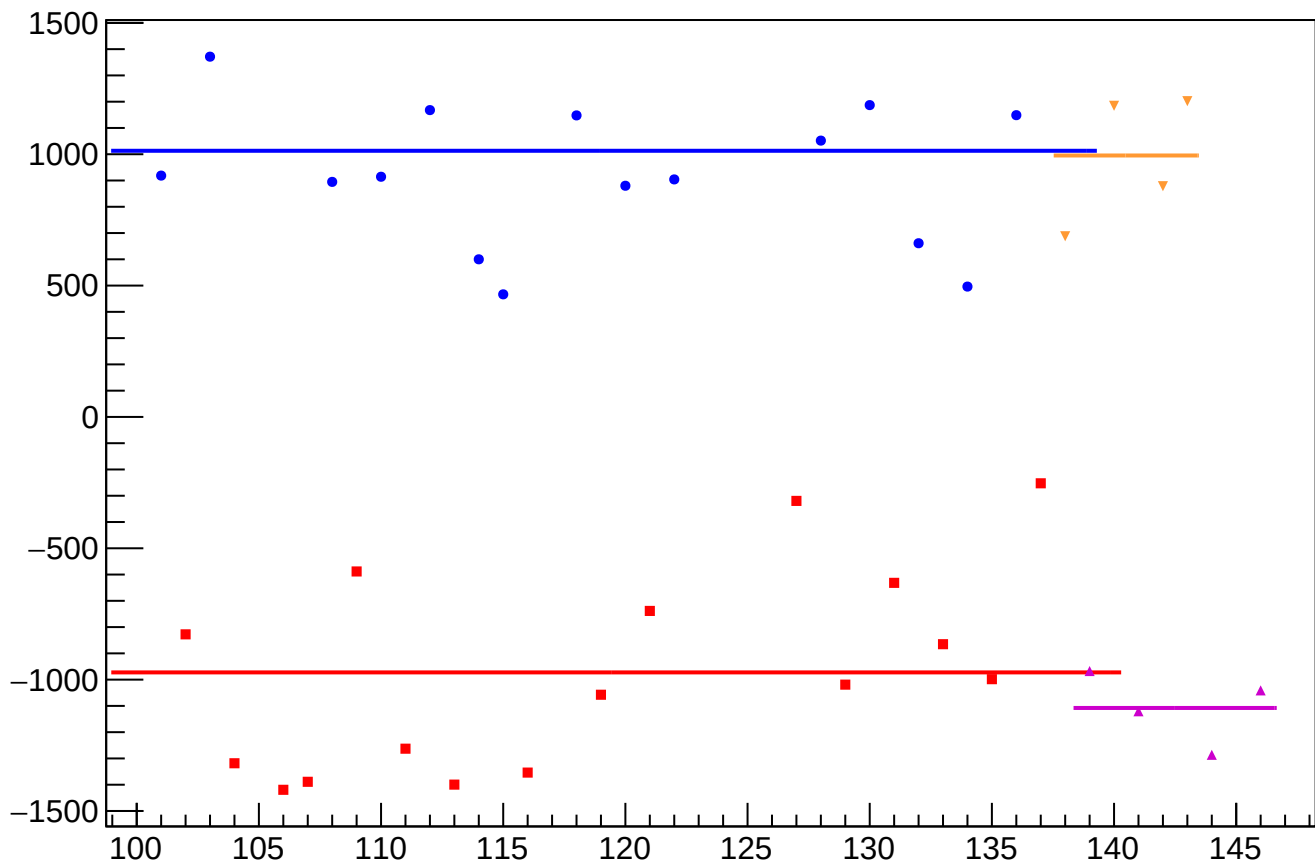
Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -4857.043+/-0.000	χ^2/NDF : 240834087693026280641776856144887676928.0/3
Right Out: 4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: 5092.736+/-0.000	χ^2/NDF : 95895769643187748710463806404523196416.0/3

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



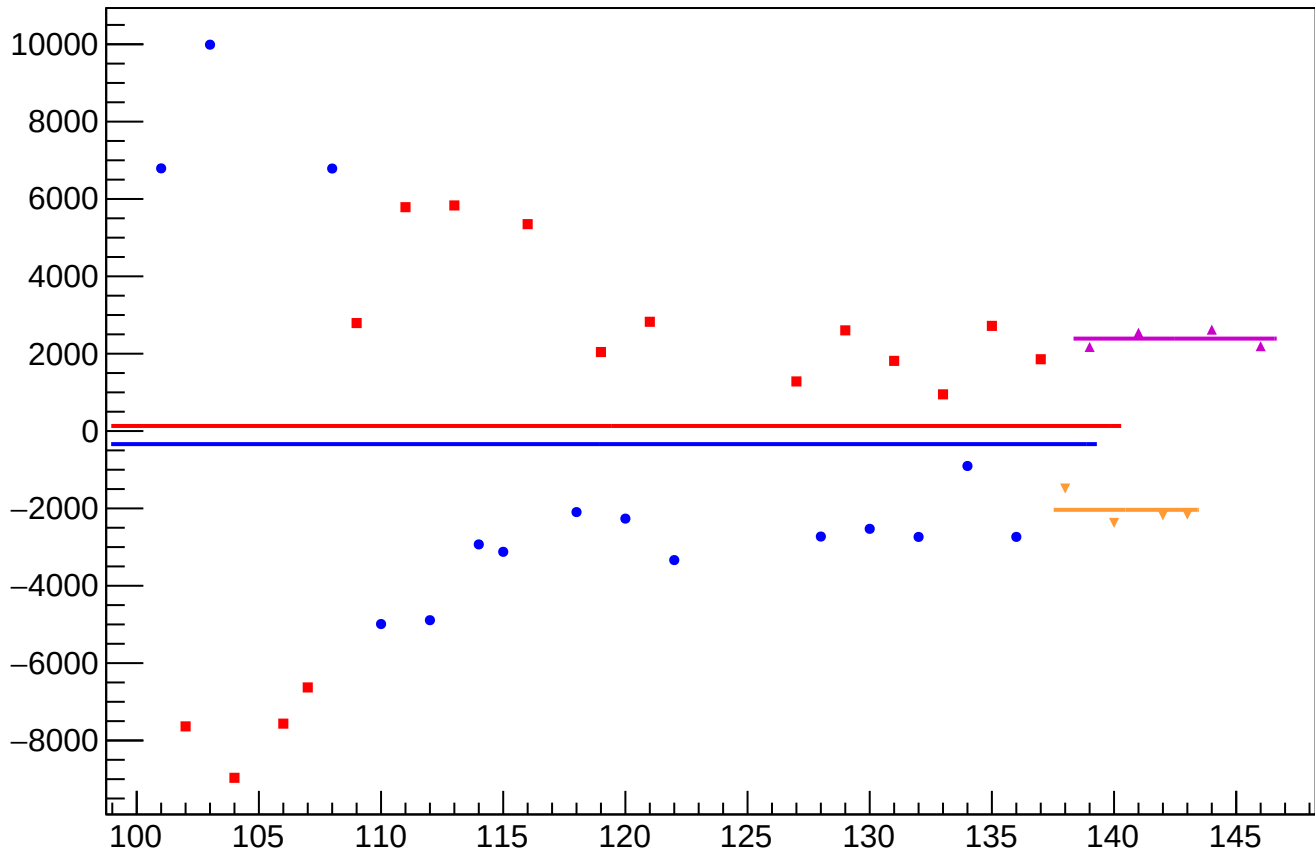
Right In: 1556.763 +/- 0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 673.052 +/- 0.000 χ^2/NDF : 8571842149611152770086693500593635328.0/3
 Right Out: -2232.520 +/- 0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: -640.585 +/- 0.000 χ^2/NDF : 2705255887095543534559851904541655040.0/3

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



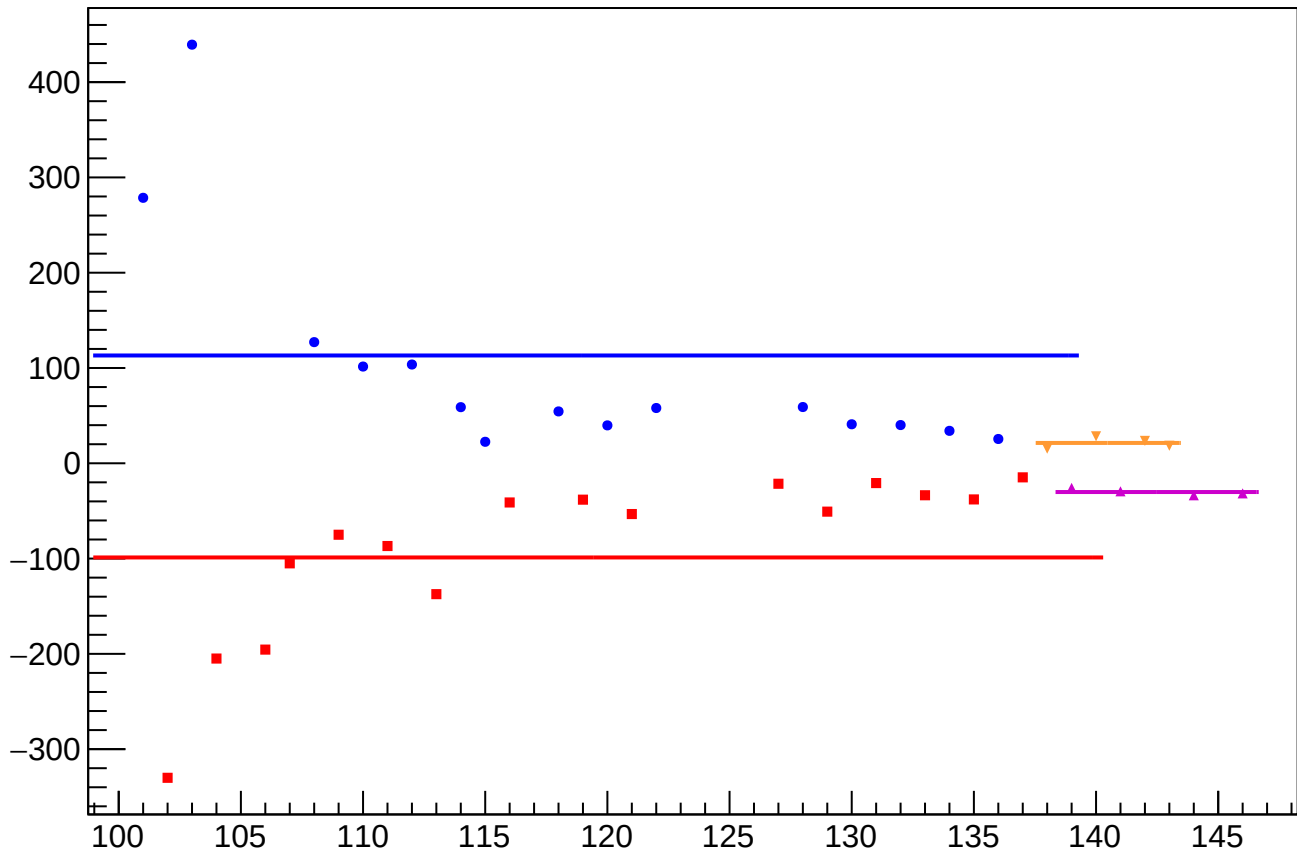
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 995.231+/-0.000	χ^2/NDF : 13804646751051209877541234219251924992.0/3
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: -1107.820+/-0.000	χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: -337.865+/-0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -2036.723+/-0.000 χ^2/NDF : 34978140140370661523186817885947297792.0/3
 Right Out: 131.545+/-0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Left In: 2390.146+/-0.000 χ^2/NDF : 13686229281591495464136271472046899200.0/3

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



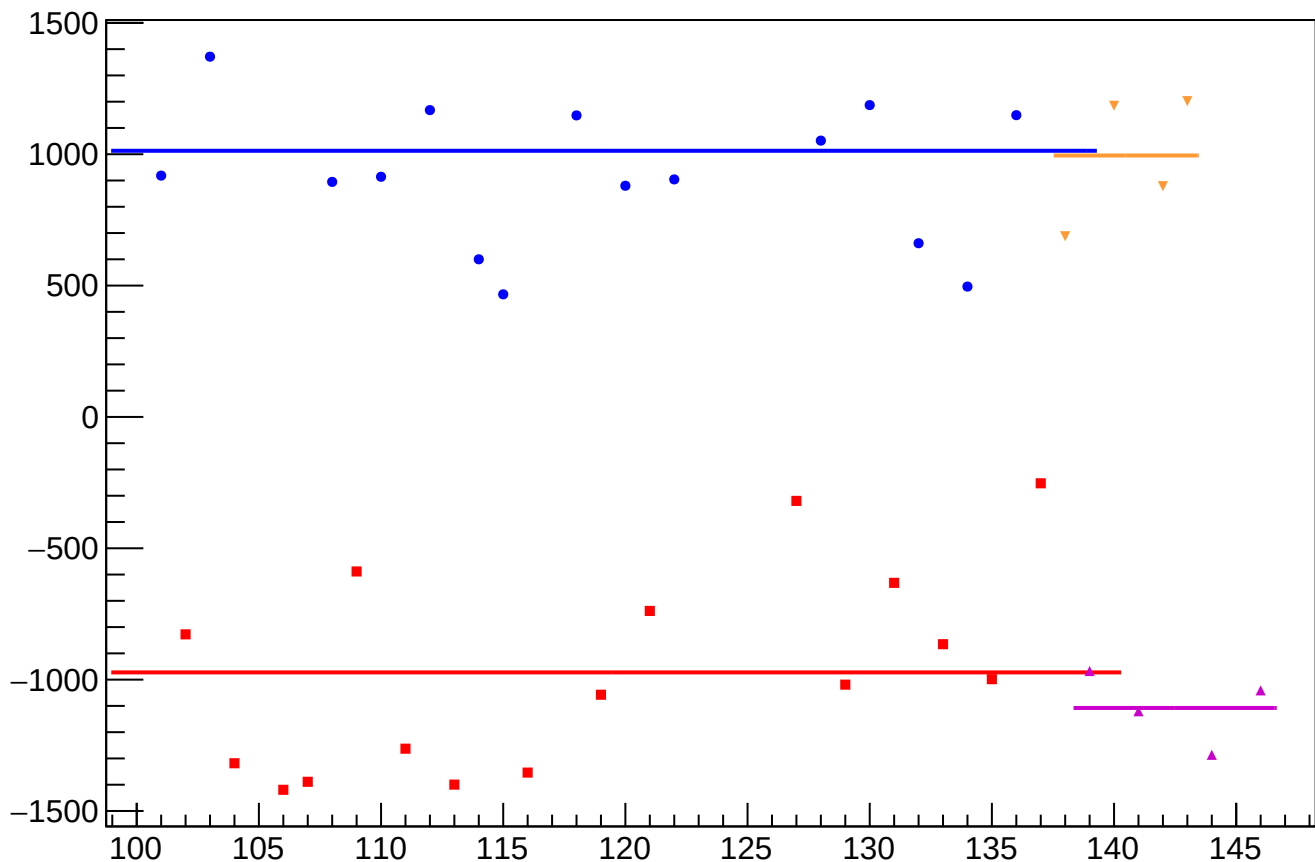
Right In: 113.134 +/- 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14

Left Out: 21.353 +/- 0.000 χ^2/NDF : 7567012200568895165831957620719616.0/3

Right Out: -98.833 +/- 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15

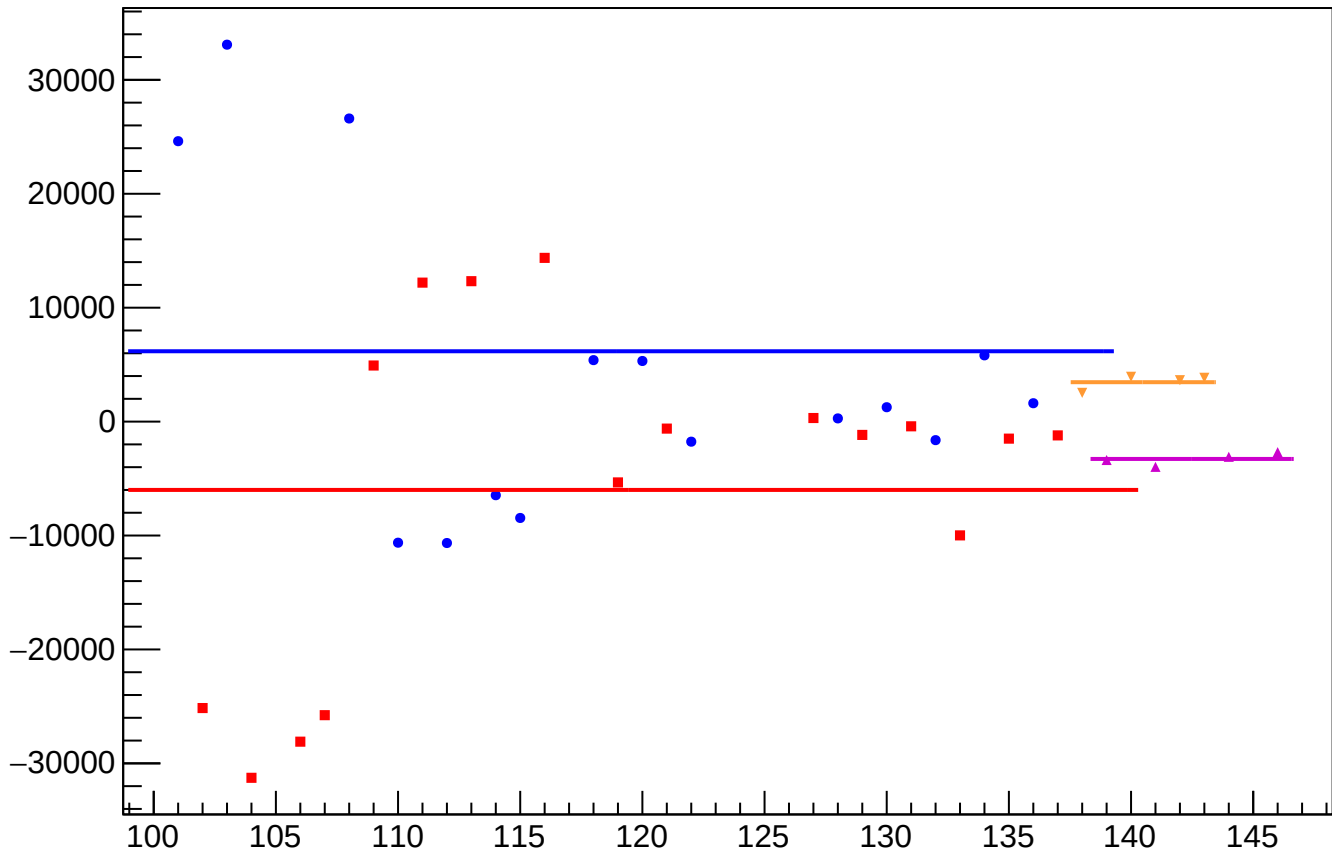
Left In: -30.174 +/- 0.000 χ^2/NDF : 2807025076342053877628483613491200.0/3

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



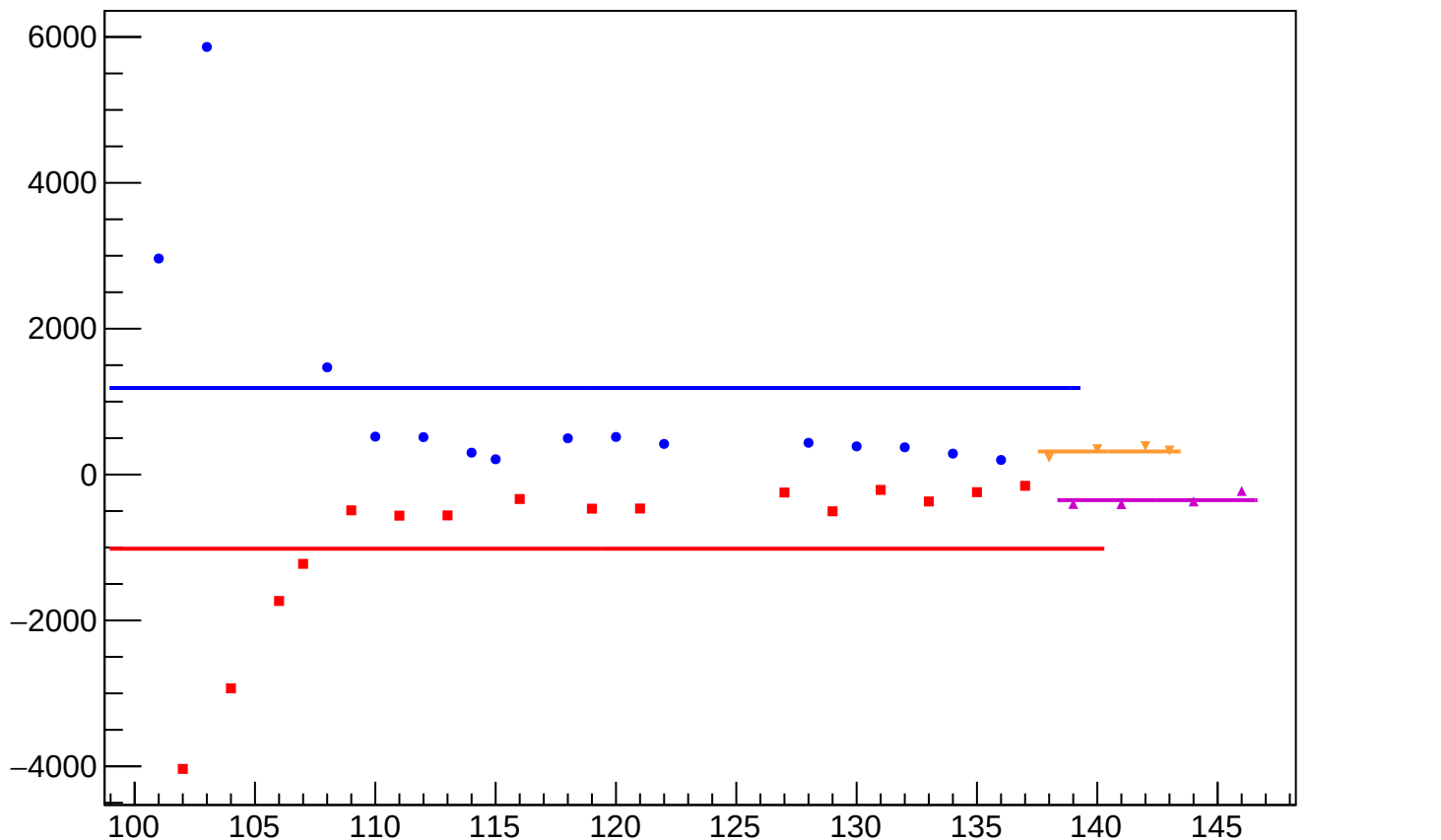
Right In: 1013.146 ± 0.000 $\chi^2/\text{NDF}: 31721270909522099205936100724856324096.0/14$
 Left Out: 995.231 ± 0.000 $\chi^2/\text{NDF}: 13804646751051209877541234219251924992.0/3$
 Right Out: -972.465 ± 0.000 $\chi^2/\text{NDF}: 78884457200782655962756069915468234752.0/15$
 Left In: -1107.820 ± 0.000 $\chi^2/\text{NDF}: 4814649577307381267656377641960734720.0/3$

dit_sam2_coil6_mean vs Slug, Sign Corrected



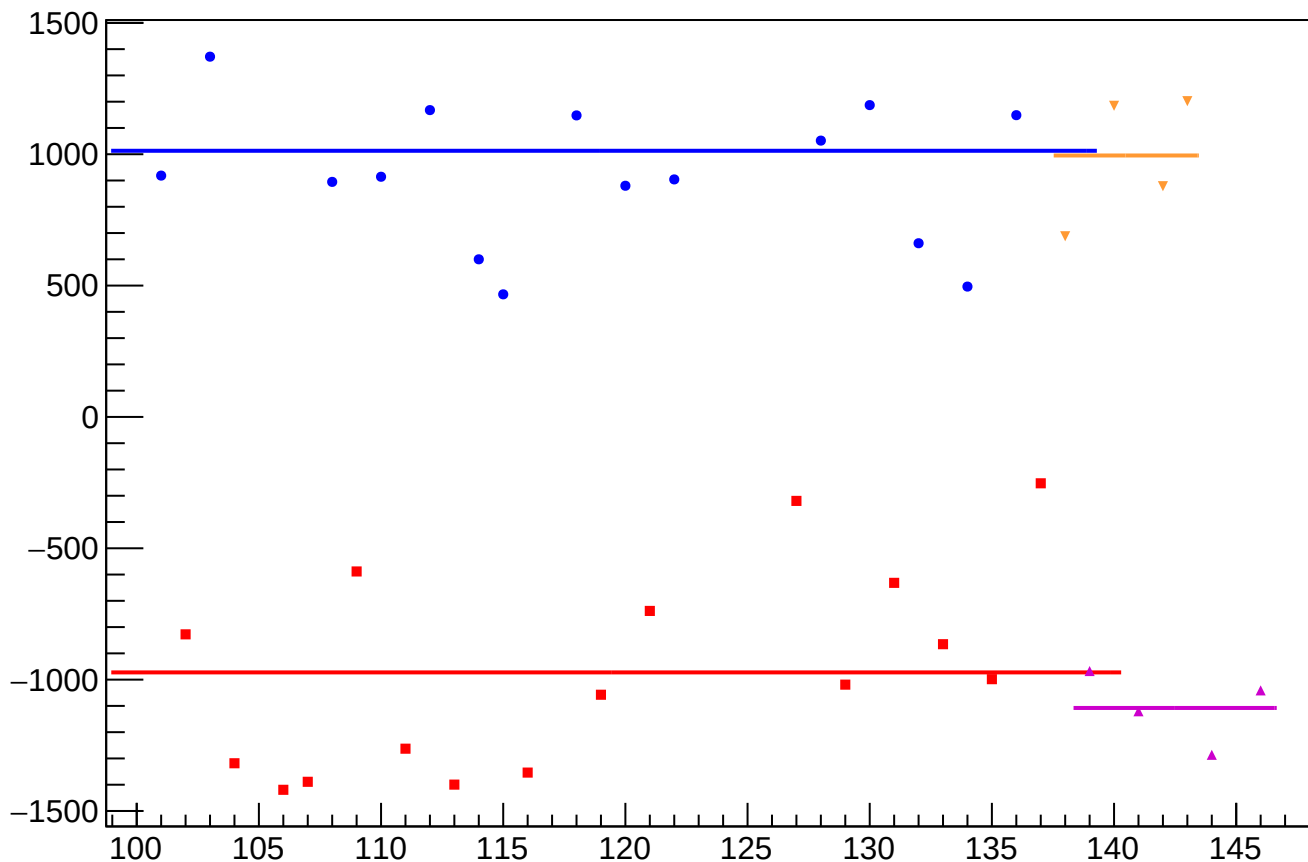
Right In: 6175.493 +/- 0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 3460.203 +/- 0.000 χ^2/NDF : 98317676515193071380937386107185659904.0/3
 Right Out: -5996.727 +/- 0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: -3277.279 +/- 0.000 χ^2/NDF : 74378950142659808201269125533872947200.0/3

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1186.846 +/- 0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 316.740 +/- 0.000 χ^2/NDF : 922405460143356122282068092716580864.0/3
 Right Out: -1016.732 +/- 0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: -350.409 +/- 0.000 χ^2/NDF : 1808667948726205366102386853271306240.0/3

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



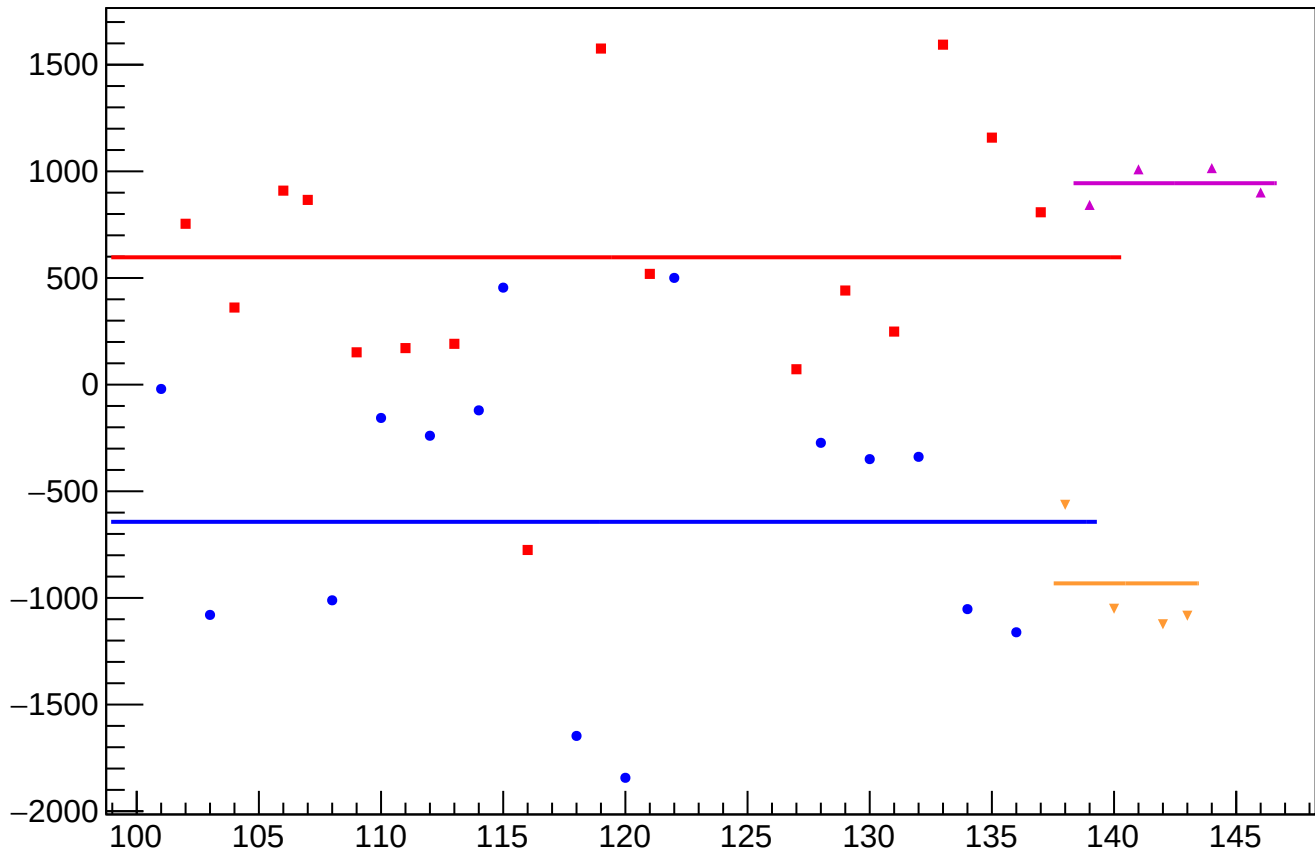
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231 ± 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

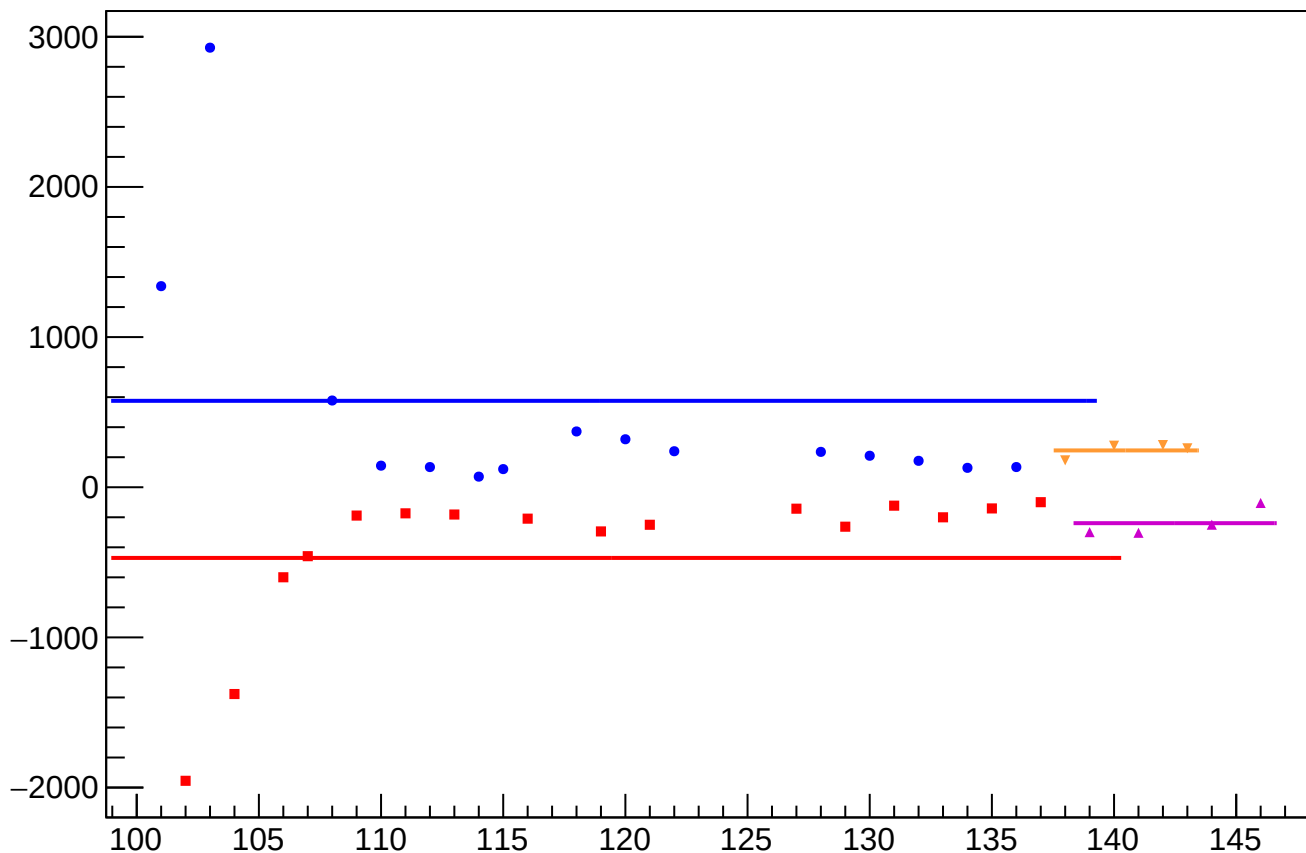
Left In: -1107.820 ± 0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14
 Left Out: -931.802+/-0.000 χ^2/NDF : 14976562871578771048299575565673824256.0/3
 Right Out: 597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15
 Left In: 944.363+/-0.000 χ^2/NDF : 1801900396873795828992291653302616064.0/3

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



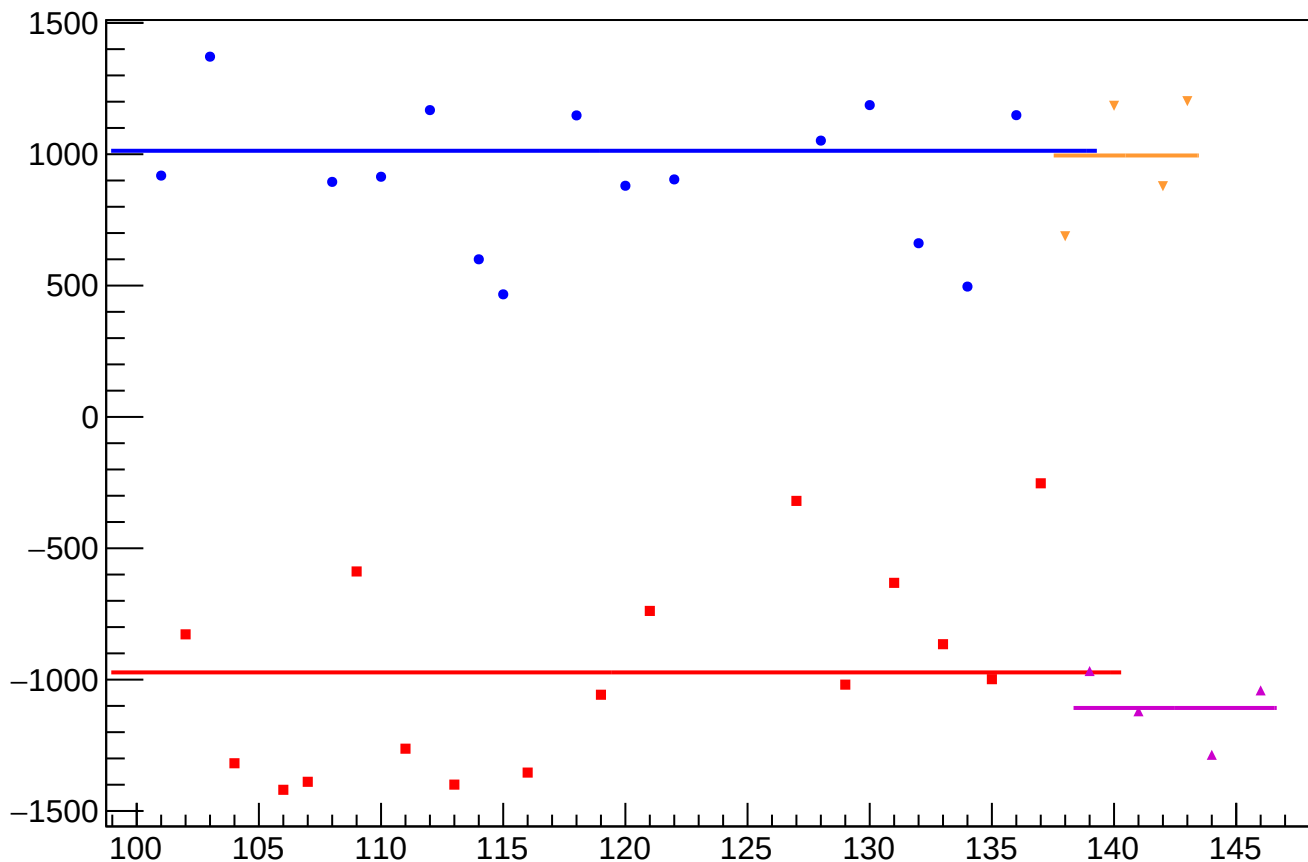
Right In: 575.526 +/- 0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

Left Out: 245.217 +/- 0.000 χ^2/NDF : 493769991005335931006684349658562560.0/3

Right Out: -470.716 +/- 0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

Left In: -239.259 +/- 0.000 χ^2/NDF : 214933291892552220502873052658270208.0/3

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



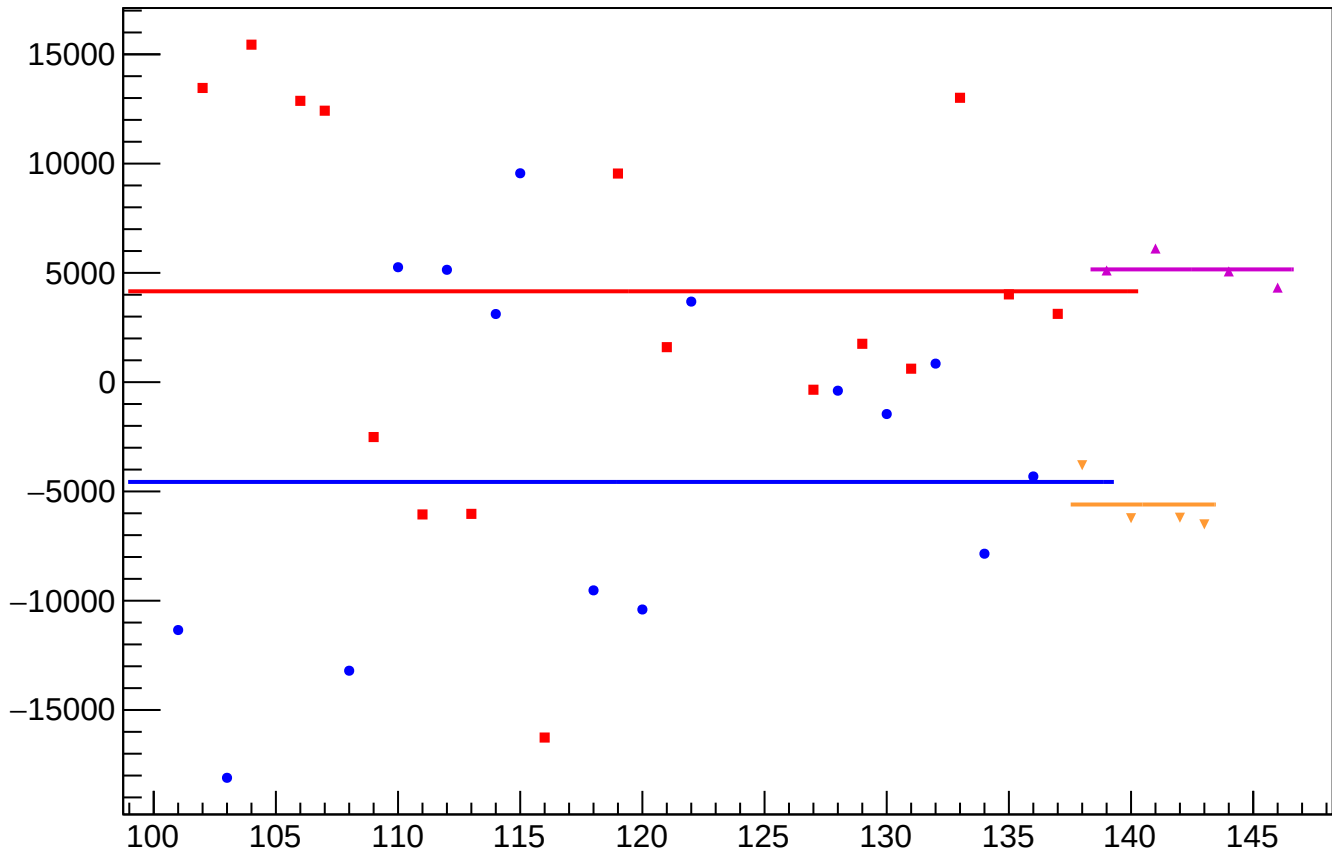
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231 ± 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

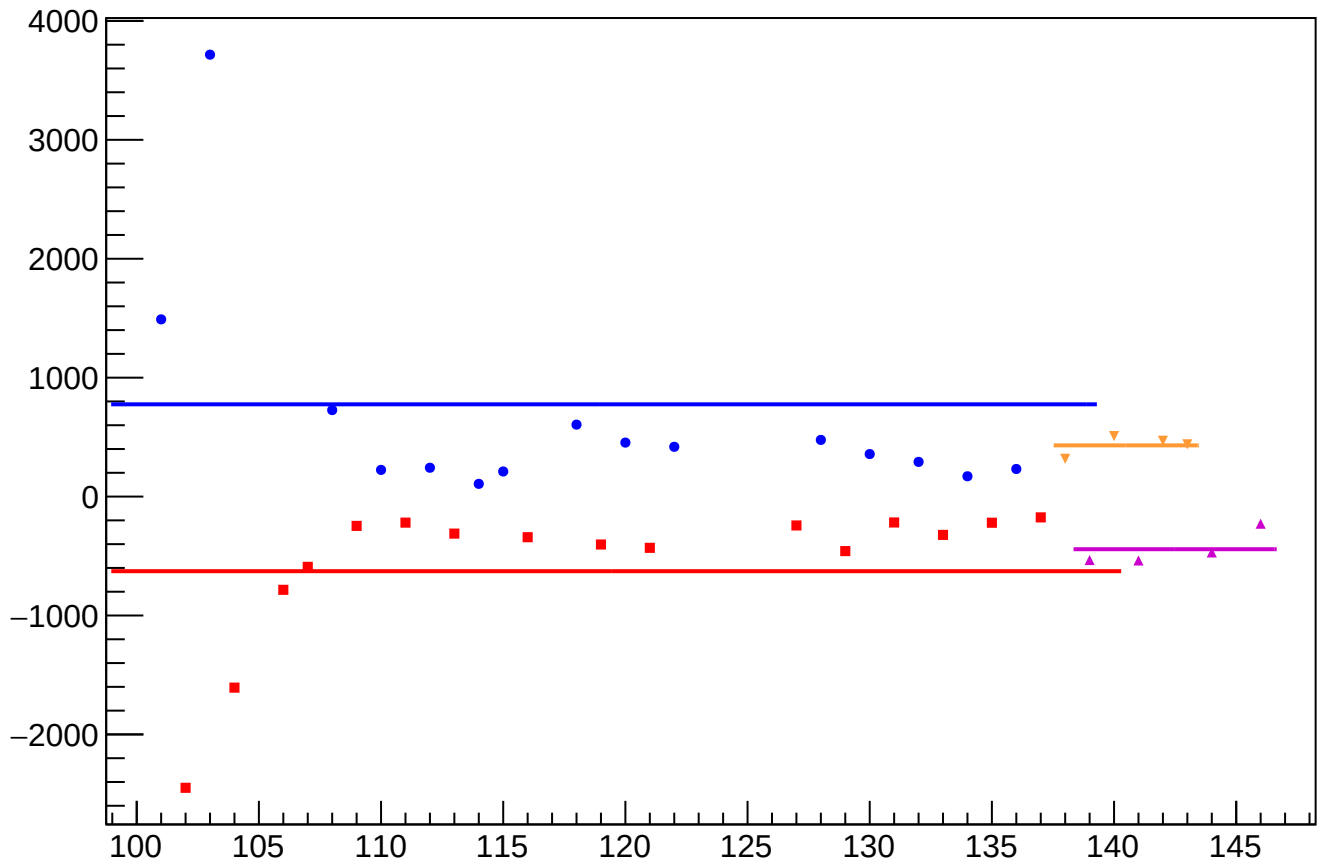
Left In: -1107.820 ± 0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: -4565.412 +/- 0.000 χ^2/NDF : 35667768247432289984899042725155487875072.0/14
 Left Out: -5598.007 +/- 0.000 χ^2/NDF : 356176651553231254346701977764296130560.0/3
 Right Out: 4156.859 +/- 0.000 χ^2/NDF : 45539455441659927157708443099930682195968.0/15
 Left In: 5159.213 +/- 0.000 χ^2/NDF : 136101942786261150950951568702236000256.0/3

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



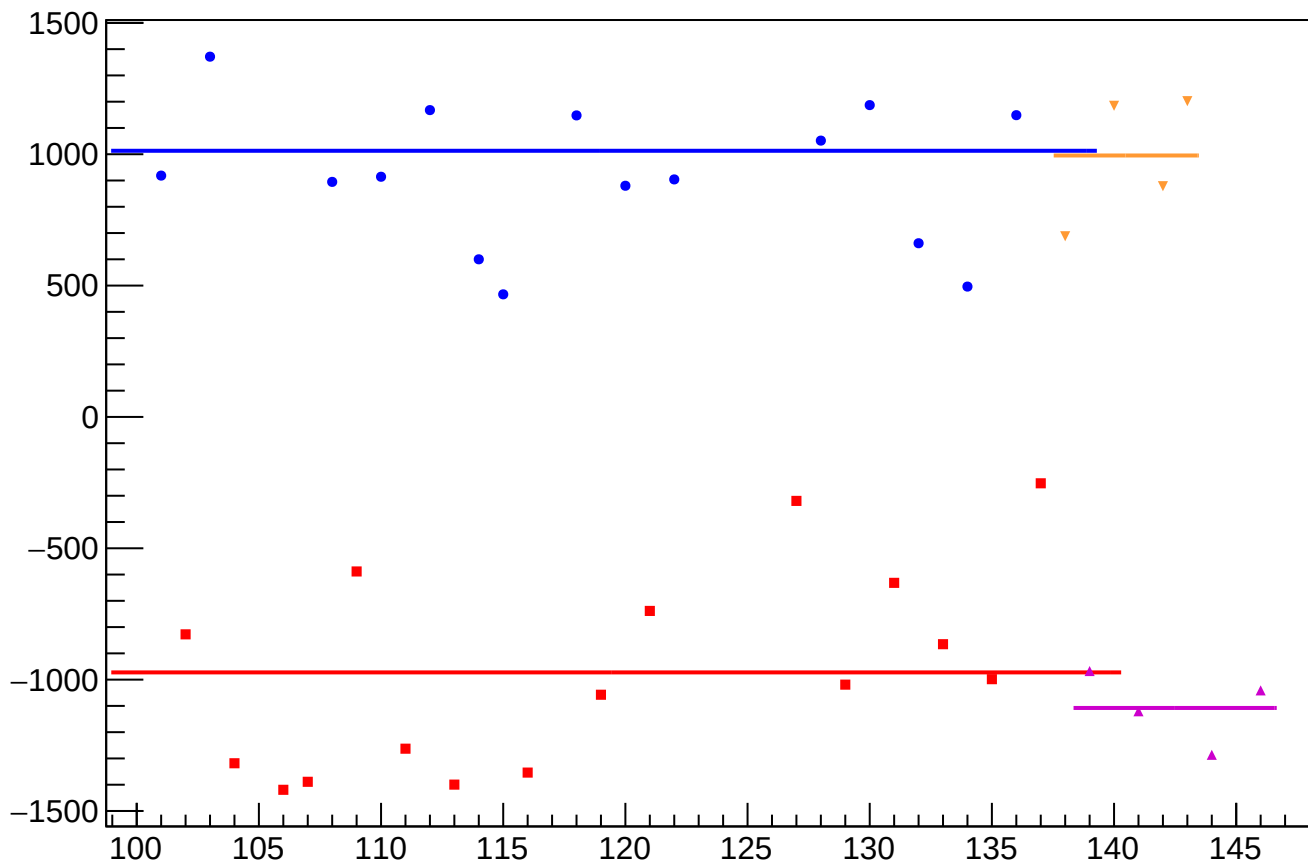
Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 430.656+/-0.000 χ^2/NDF : 1571229616224259191466823369107701760.0/3

Right Out: -627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

Left In: -442.591+/-0.000 χ^2/NDF : 5318511237716983149310587102132436992.0/3

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



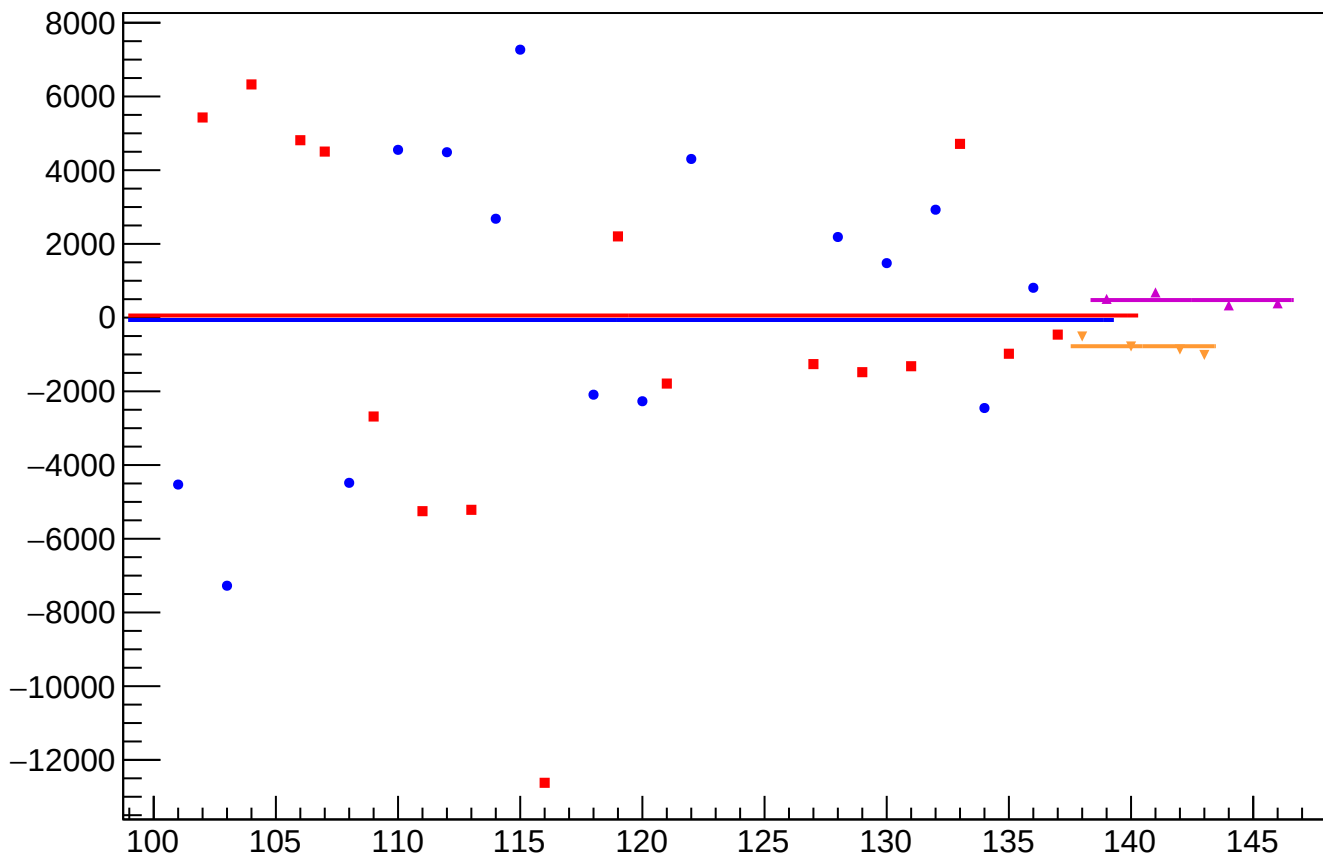
Right In: 1013.146 ± 0.000 $\chi^2/NDF: 31721270909522099205936100724856324096.0/14$

Left Out: 995.231 ± 0.000 $\chi^2/NDF: 13804646751051209877541234219251924992.0/3$

Right Out: -972.465 ± 0.000 $\chi^2/NDF: 78884457200782655962756069915468234752.0/15$

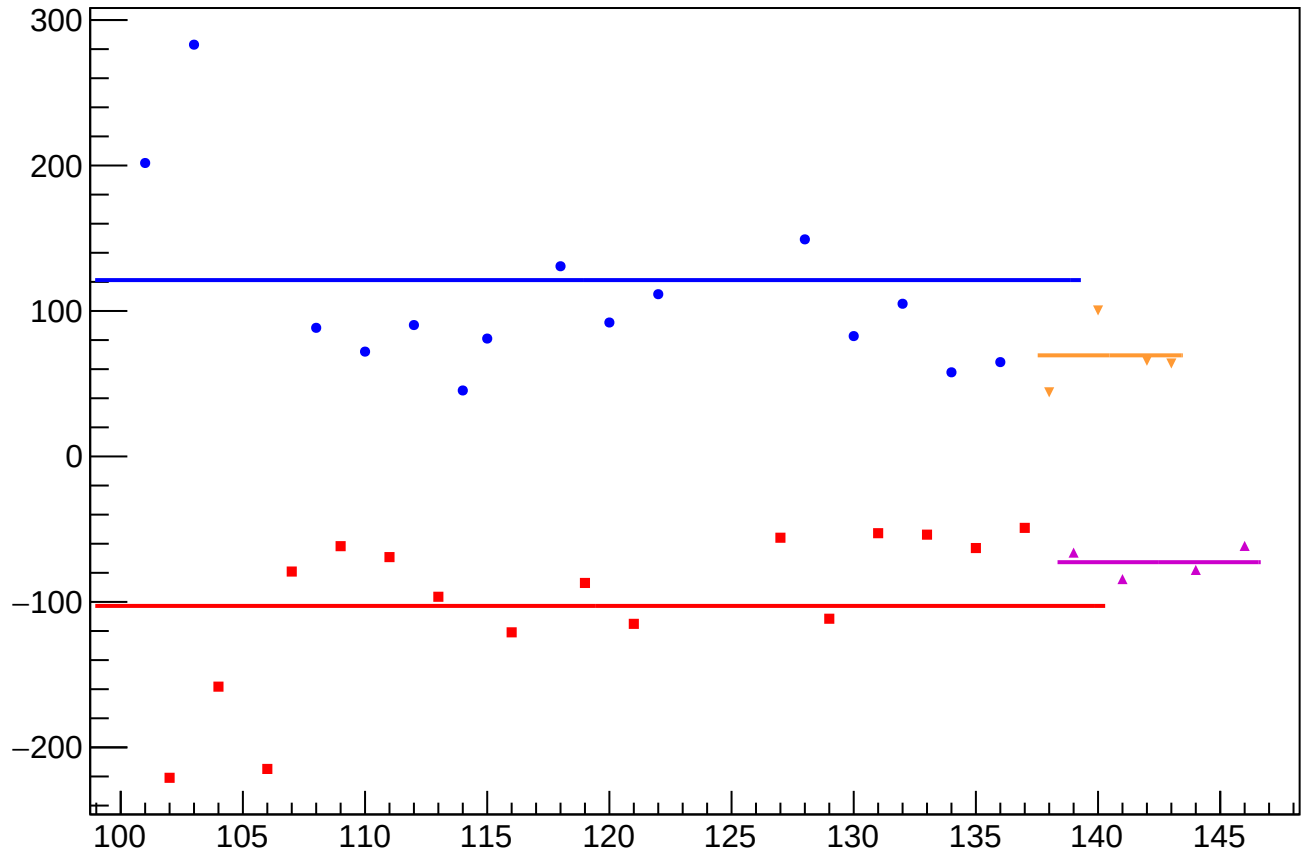
Left In: -1107.820 ± 0.000 $\chi^2/NDF: 4814649577307381267656377641960734720.0/3$

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: -64.751 ± 0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14
 Left Out: -776.289 ± 0.000 χ^2/NDF : 9573786249745927427923257598685478912.0/3
 Right Out: 57.229 ± 0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15
 Left In: 476.493 ± 0.000 χ^2/NDF : 6247424292059779682012207924373356544.0/3

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



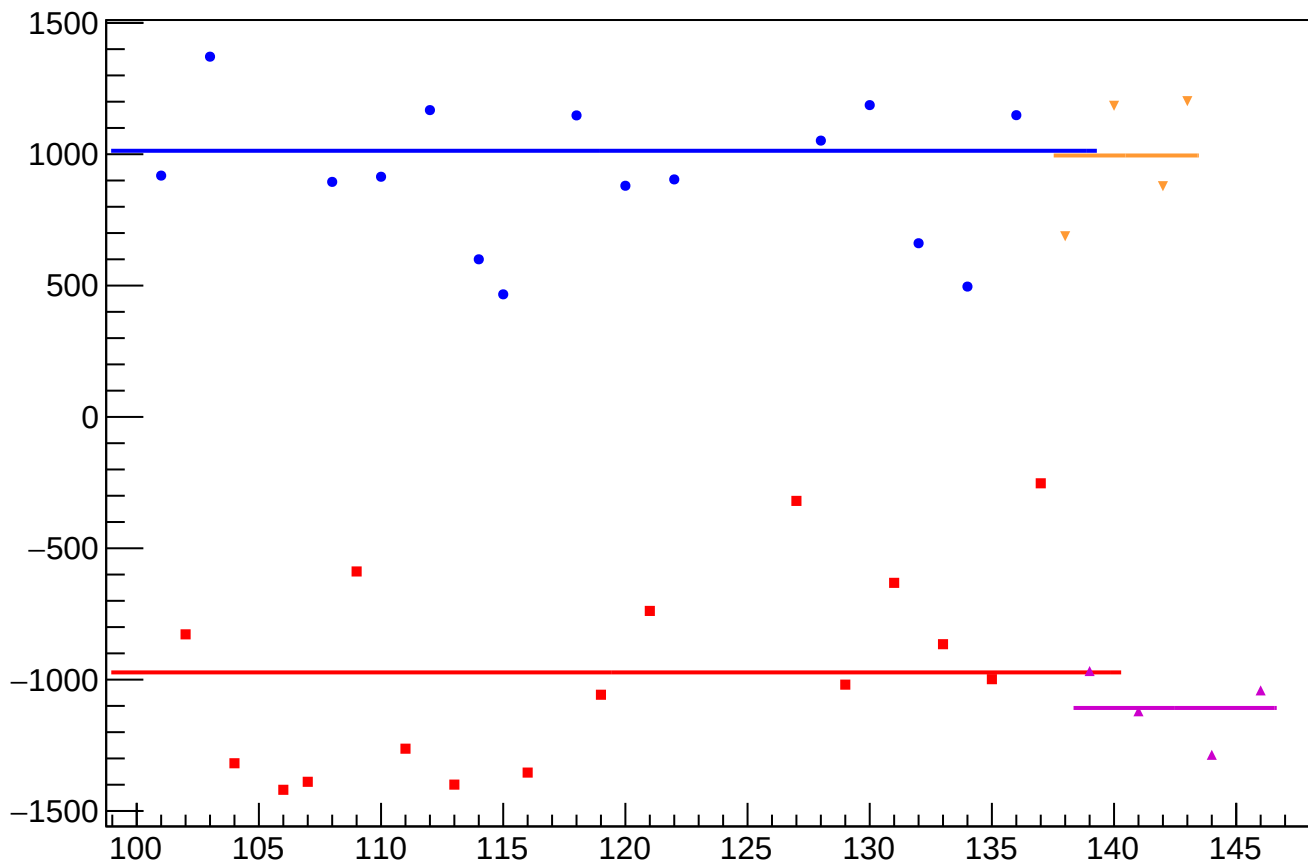
Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

Left Out: 69.501+/-0.000 χ^2/NDF : 131243707666185378193919605800435712.0/3

Right Out: -102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15

Left In: -72.689+/-0.000 χ^2/NDF : 27882033523452090165356695111335936.0/3

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



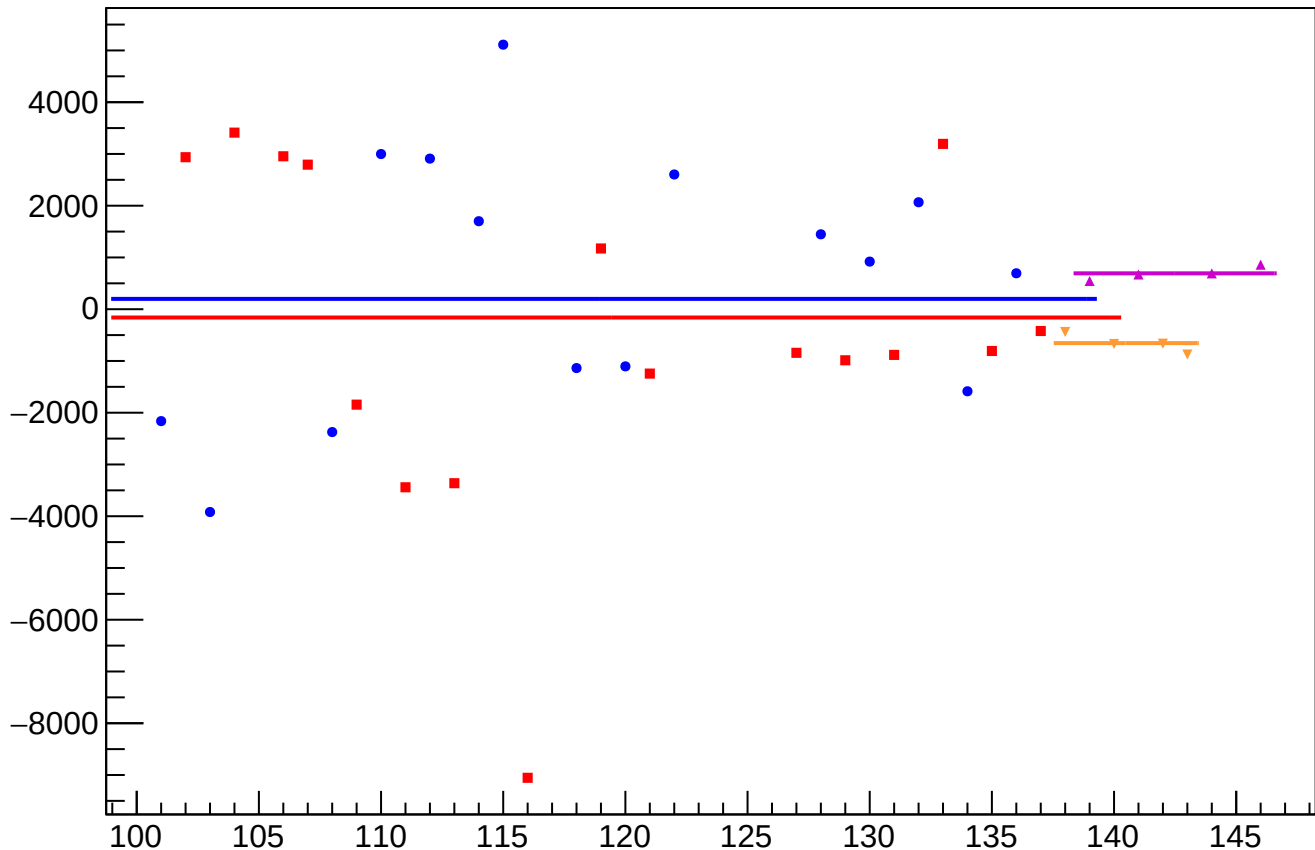
Right In: 1013.146 ± 0.000 $\chi^2/NDF: 31721270909522099205936100724856324096.0/14$

Left Out: 995.231 ± 0.000 $\chi^2/NDF: 13804646751051209877541234219251924992.0/3$

Right Out: -972.465 ± 0.000 $\chi^2/NDF: 78884457200782655962756069915468234752.0/15$

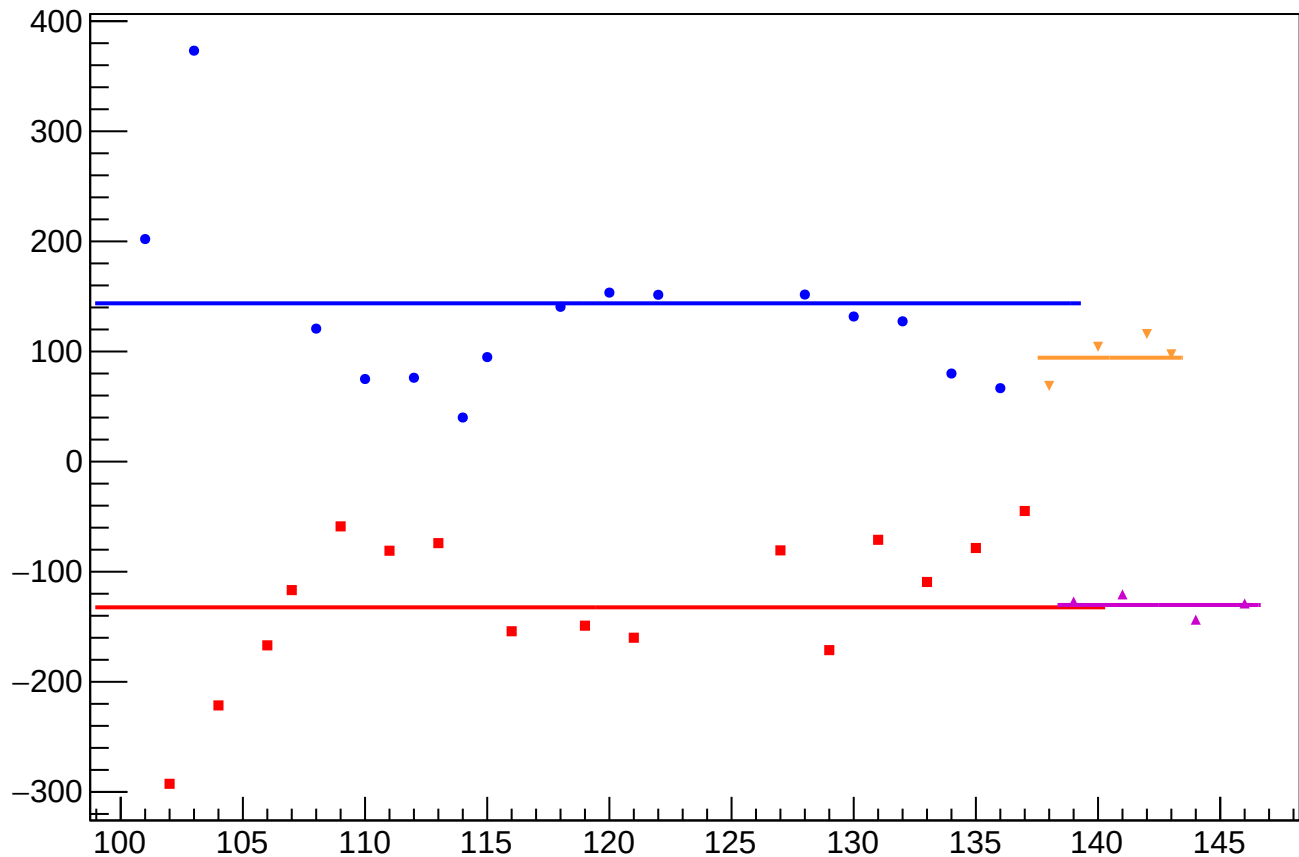
Left In: -1107.820 ± 0.000 $\chi^2/NDF: 4814649577307381267656377641960734720.0/3$

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 199.503 ± 0.000 $\chi^2/\text{NDF}: 3268159745923533825045181664876849790976.0/14$
 Left Out: -654.969 ± 0.000 $\chi^2/\text{NDF}: 6891841172580171728559499588805853184.0/3$
 Right Out: -160.512 ± 0.000 $\chi^2/\text{NDF}: 5680576709461197901526729703706251493376.0/15$
 Left In: 693.147 ± 0.000 $\chi^2/\text{NDF}: 4117234176557455625014493617749753856.0/3$

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



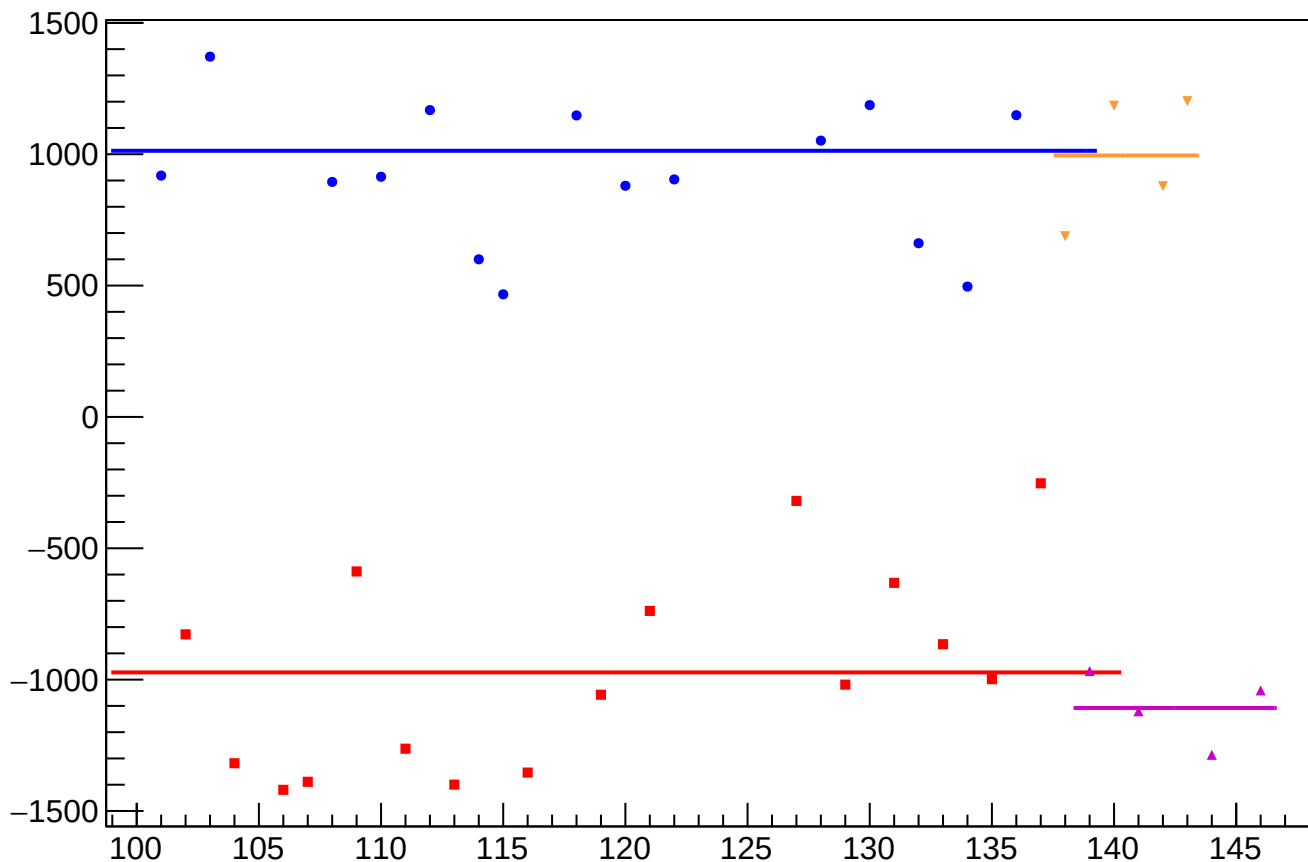
Right In: 143.764 +/- 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

Left Out: 94.382 +/- 0.000 χ^2/NDF : 81012459296274423809040734731894784.0/3

Right Out: -132.341 +/- 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

Left In: -130.208 +/- 0.000 χ^2/NDF : 24690863982903864775531234928361472.0/3

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



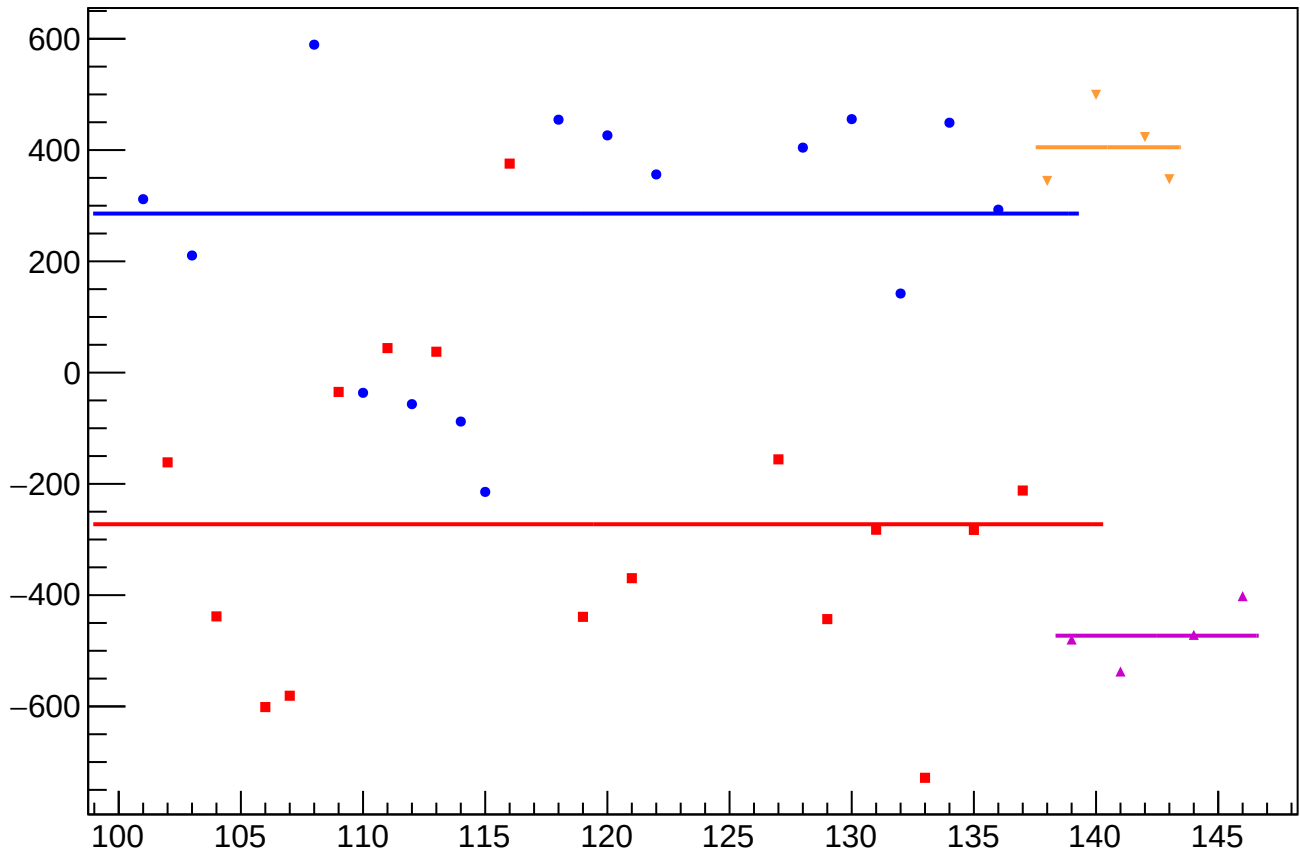
Right In: 1013.146 ± 0.000 $\chi^2/NDF: 31721270909522099205936100724856324096.0/14$

Left Out: 995.231 ± 0.000 $\chi^2/NDF: 13804646751051209877541234219251924992.0/3$

Right Out: -972.465 ± 0.000 $\chi^2/NDF: 78884457200782655962756069915468234752.0/15$

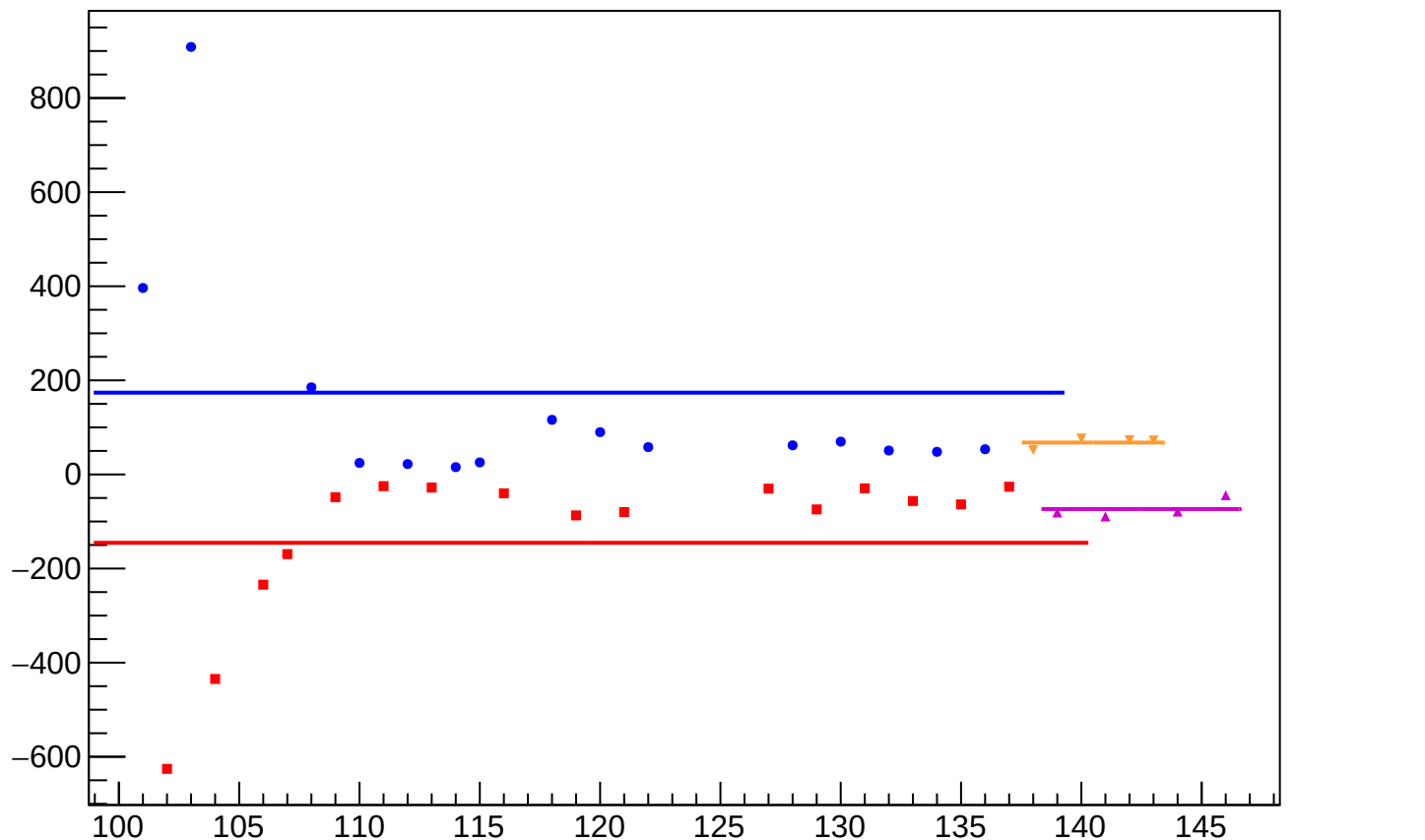
Left In: -1107.820 ± 0.000 $\chi^2/NDF: 4814649577307381267656377641960734720.0/3$

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 285.856 +/- 0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14
 Left Out: 405.052 +/- 0.000 χ^2/NDF : 1251425759392486187515038646029778944.0/3
 Right Out: -272.539 +/- 0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15
 Left In: -472.866 +/- 0.000 χ^2/NDF : 775366151656631633635401208950685696.0/3

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



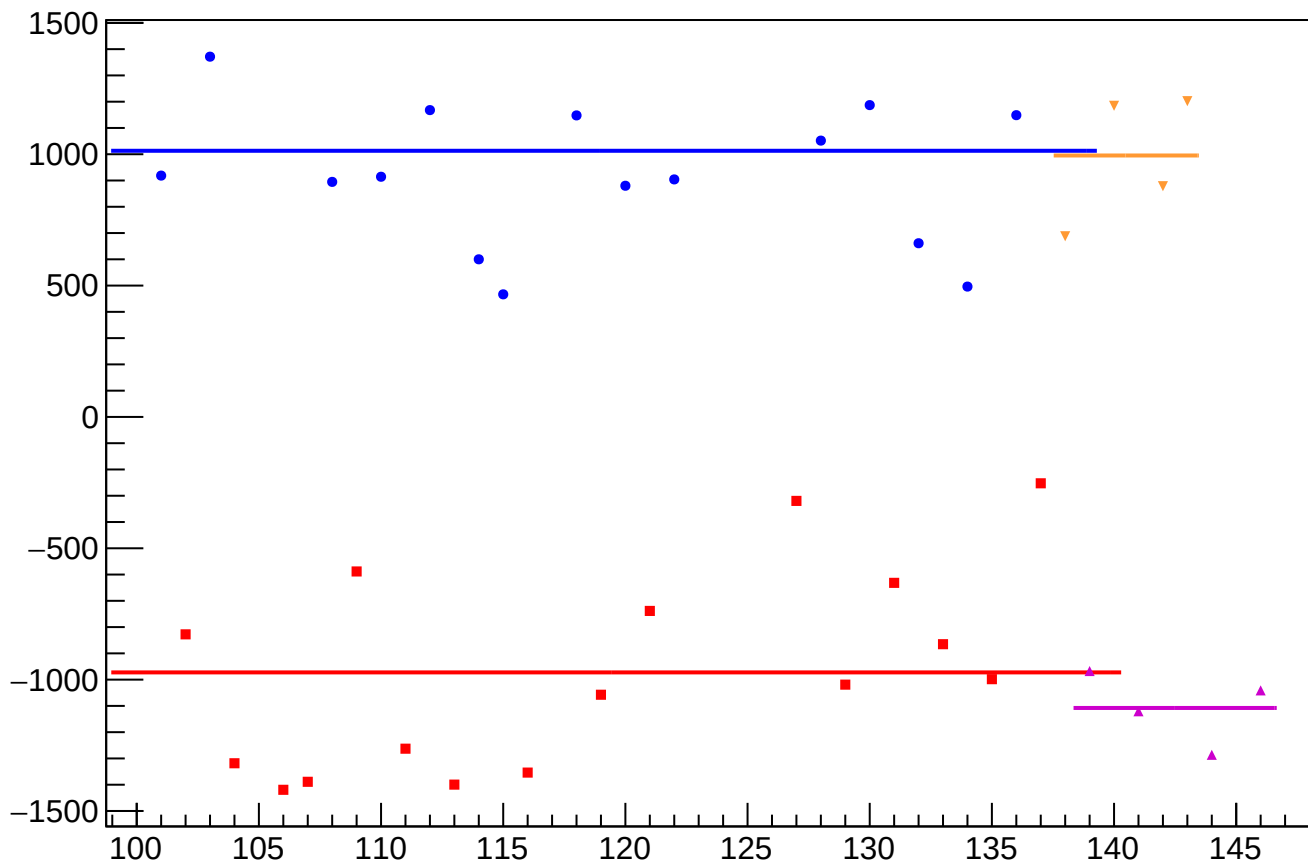
Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

Left Out: 67.840+/-0.000 χ^2/NDF : 28480614802427660355363203037790208.0/3

Right Out: -145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

Left In: -73.458+/-0.000 χ^2/NDF : 99299938887792487629611256776753152.0/3

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



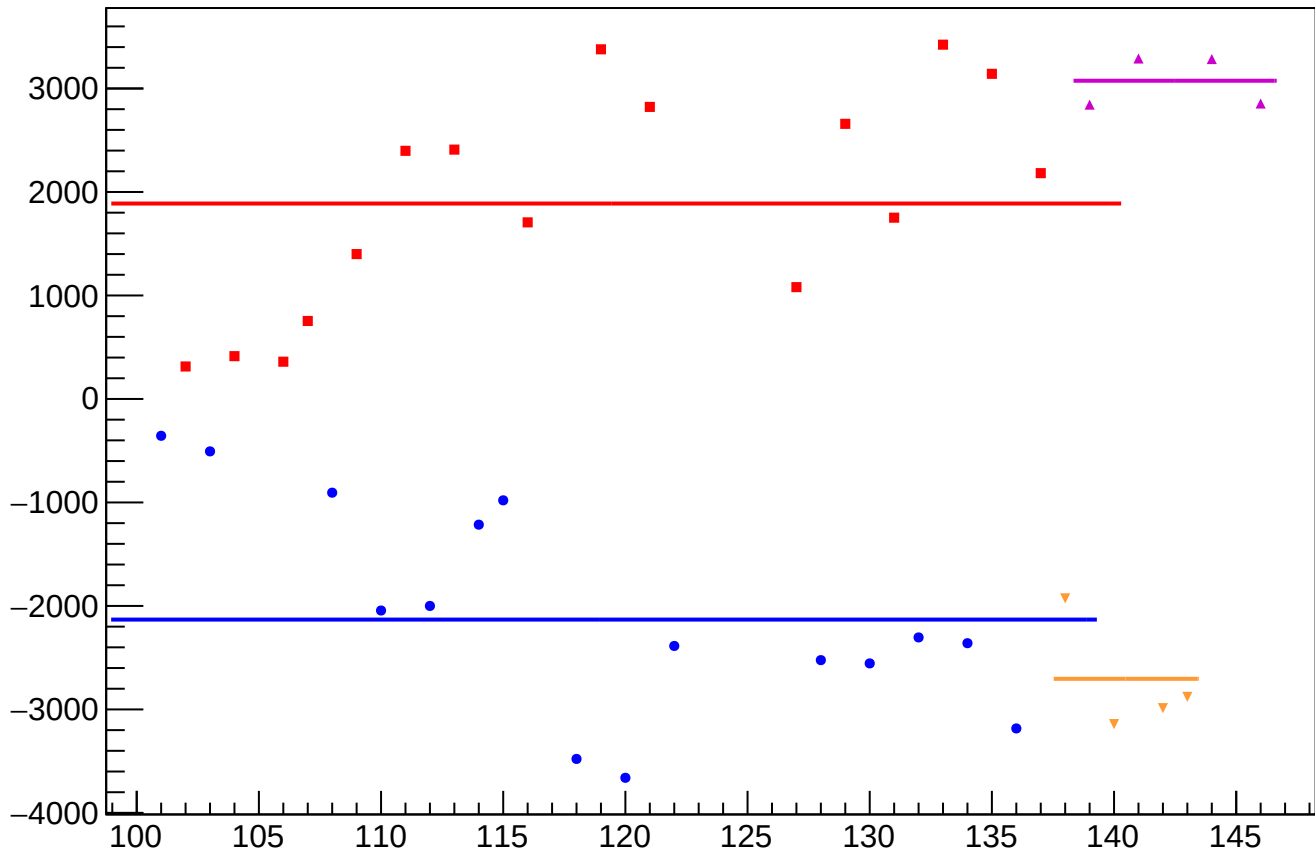
Right In: 1013.146 ± 0.000 $\chi^2/NDF: 31721270909522099205936100724856324096.0/14$

Left Out: 995.231 ± 0.000 $\chi^2/NDF: 13804646751051209877541234219251924992.0/3$

Right Out: -972.465 ± 0.000 $\chi^2/NDF: 78884457200782655962756069915468234752.0/15$

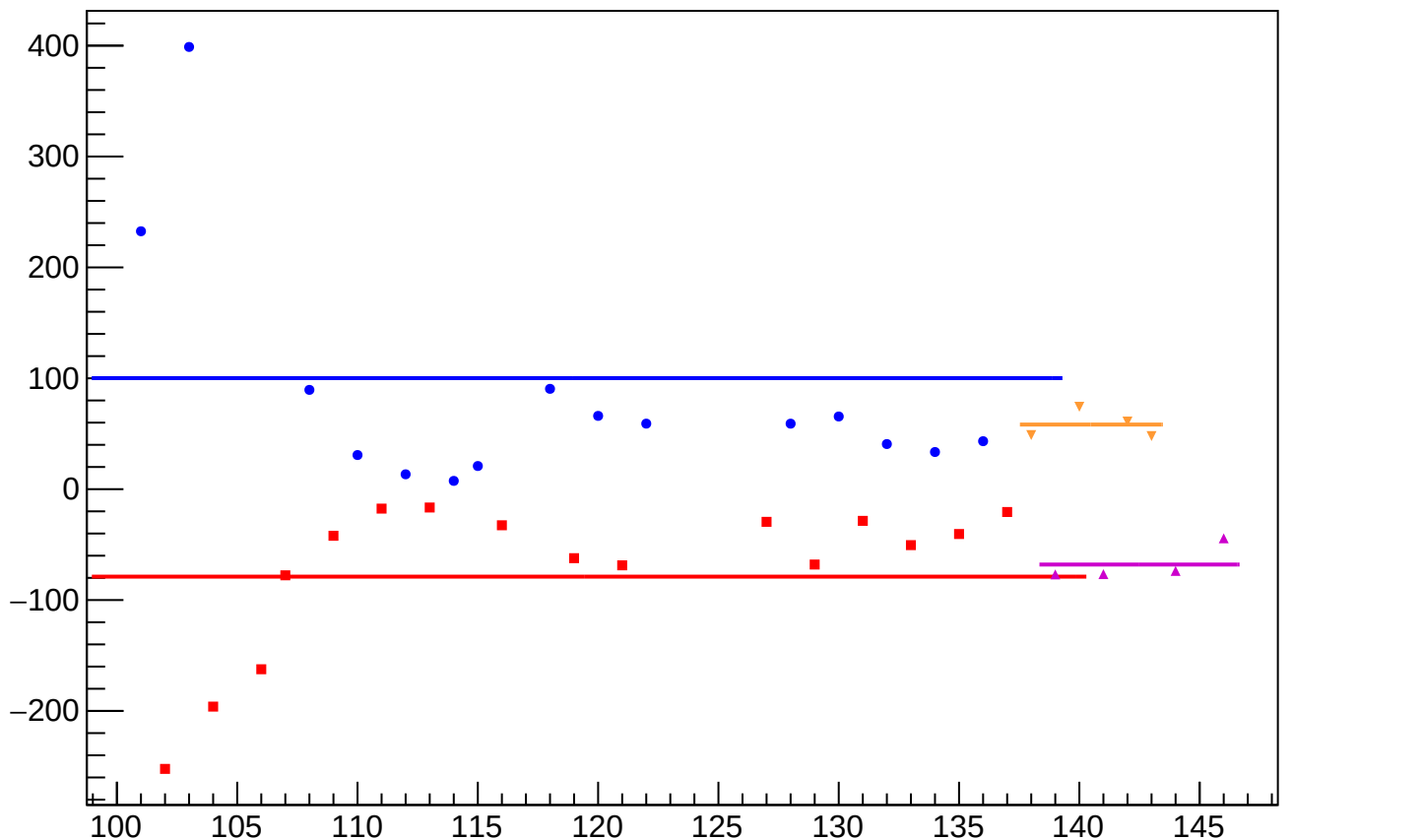
Left In: -1107.820 ± 0.000 $\chi^2/NDF: 4814649577307381267656377641960734720.0/3$

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905+/-0.000 χ^2/NDF : 722433384570495071131450661983670501376.0/14
 Left Out: -2704.200+/-0.000 χ^2/NDF : 68586885100701864272643740826798653440.0/3
 Right Out: 1888.448+/-0.000 χ^2/NDF : 791986665551980691032719862611769819136.0/15
 Left In: 3074.904+/-0.000 χ^2/NDF : 16171926459410813943207635130469318656.0/3

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



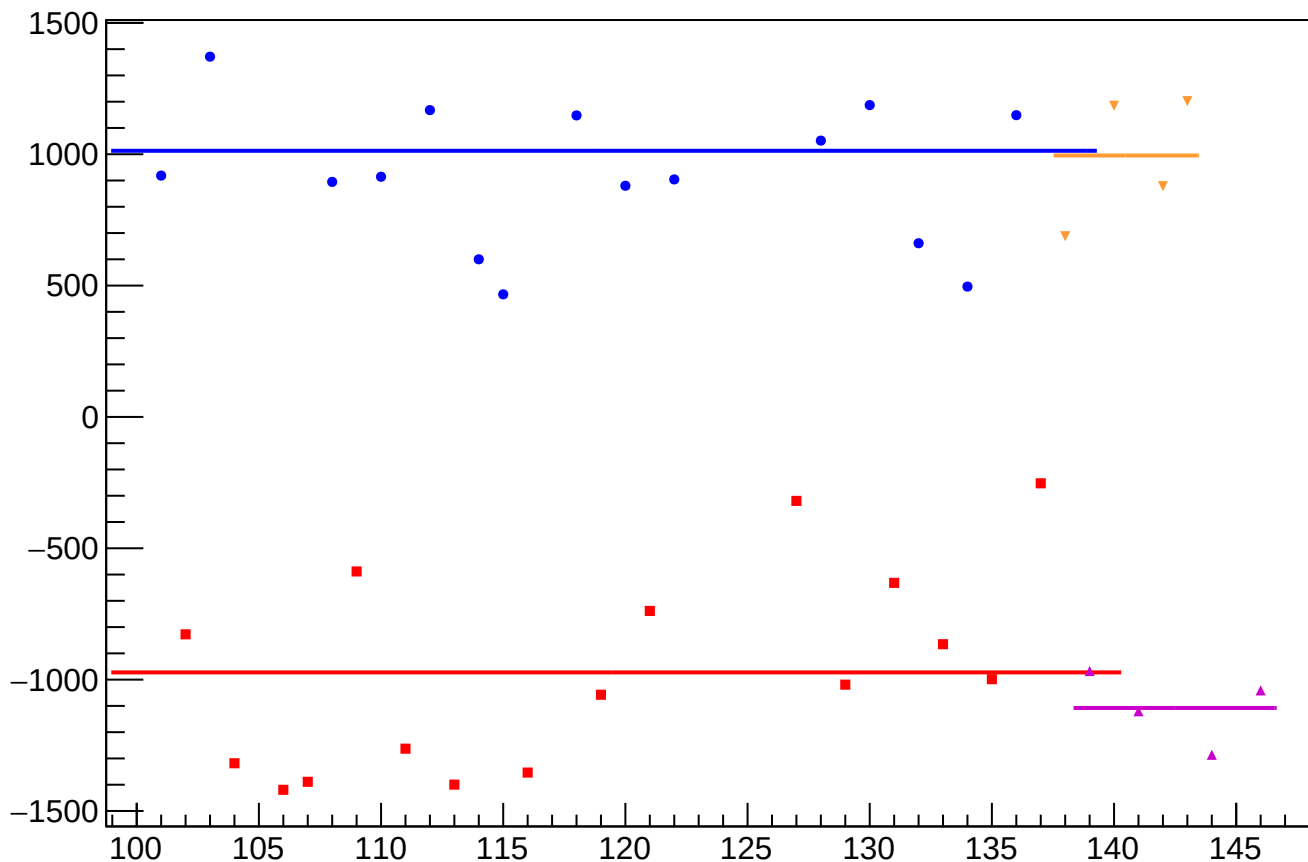
Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 58.271+/-0.000 χ^2/NDF : 35690517952884192600429624559665152.0/3

Right Out: -78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

Left In: -67.978+/-0.000 χ^2/NDF : 62128136133259908679359914466869248.0/3

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



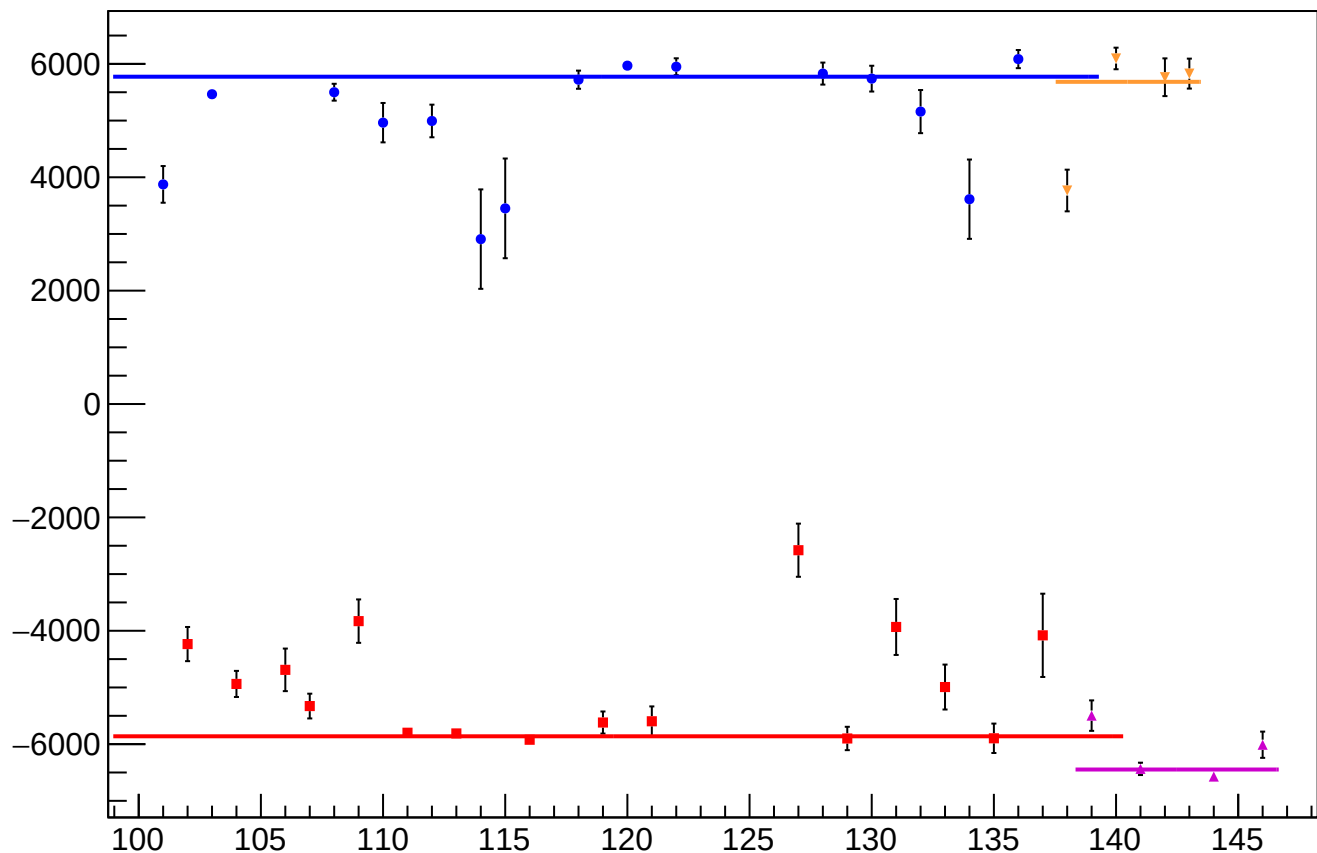
Right In: 1013.146 ± 0.000 $\chi^2/NDF: 31721270909522099205936100724856324096.0/14$

Left Out: 995.231 ± 0.000 $\chi^2/NDF: 13804646751051209877541234219251924992.0/3$

Right Out: -972.465 ± 0.000 $\chi^2/NDF: 78884457200782655962756069915468234752.0/15$

Left In: -1107.820 ± 0.000 $\chi^2/NDF: 4814649577307381267656377641960734720.0/3$

dit_run_mean vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2/NDF : 1828526.5/14

Left Out: 5683.754 $\pm$ 130.895 χ^2/NDF : 32.3/3

Right Out: -5861.461 $\pm$ 0.140 χ^2/NDF : 180020.4/15

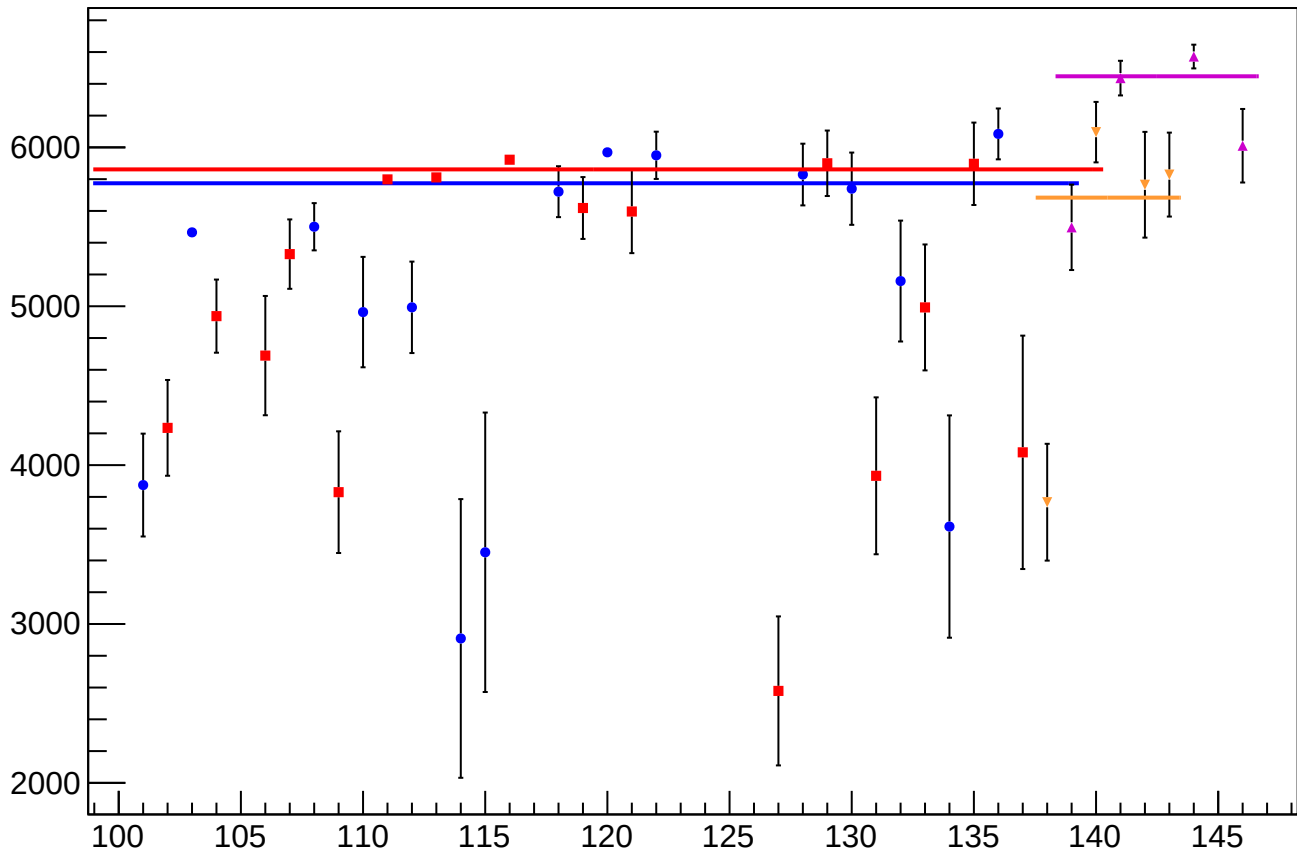
Left In: -6447.477 $\pm$ 58.130 χ^2/NDF : 18.9/3

5774.117 $\pm$ 0.181 χ^2/NDF : 1828559.2/18

-1536.204 $\pm$ 0.111 χ^2/NDF : 2585364462.0

-5861.464 $\pm$ 0.140 χ^2/NDF : 180140.9/19

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF : 1828526.5/14

Left Out: 5683.754+/-130.895 χ^2/NDF : 32.3/3

Right Out: 5861.461+/-0.140 χ^2/NDF : 180020.4/15

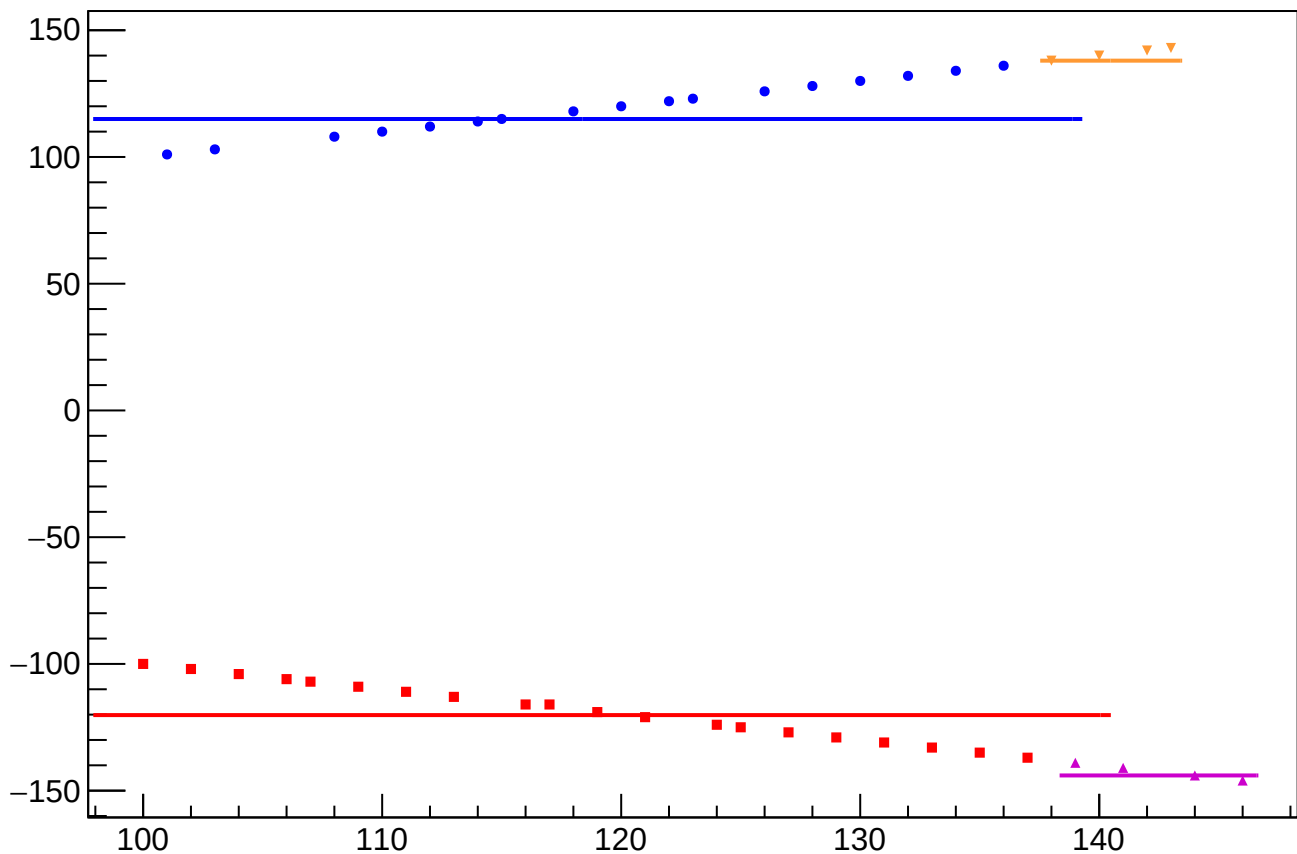
Left In: 6447.477+/-58.130 χ^2/NDF : 18.9/3

5774.117+/-0.181 χ^2/NDF : 1828559.2/18

5828.995+/-0.111 χ^2/NDF : 2154283.9/38

5861.464+/-0.140 χ^2/NDF : 180140.9/19

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980 ± 0.000 $\chi^2/\text{NDF}: 112344936246012934714934440230912.0/16$

Left Out: 138.000 ± 0.000 $\chi^2/\text{NDF}: 2816.0/3$

Right Out: -120.186 ± 0.000 $\chi^2/\text{NDF}: 52233253644261695528198041763840.0/19$

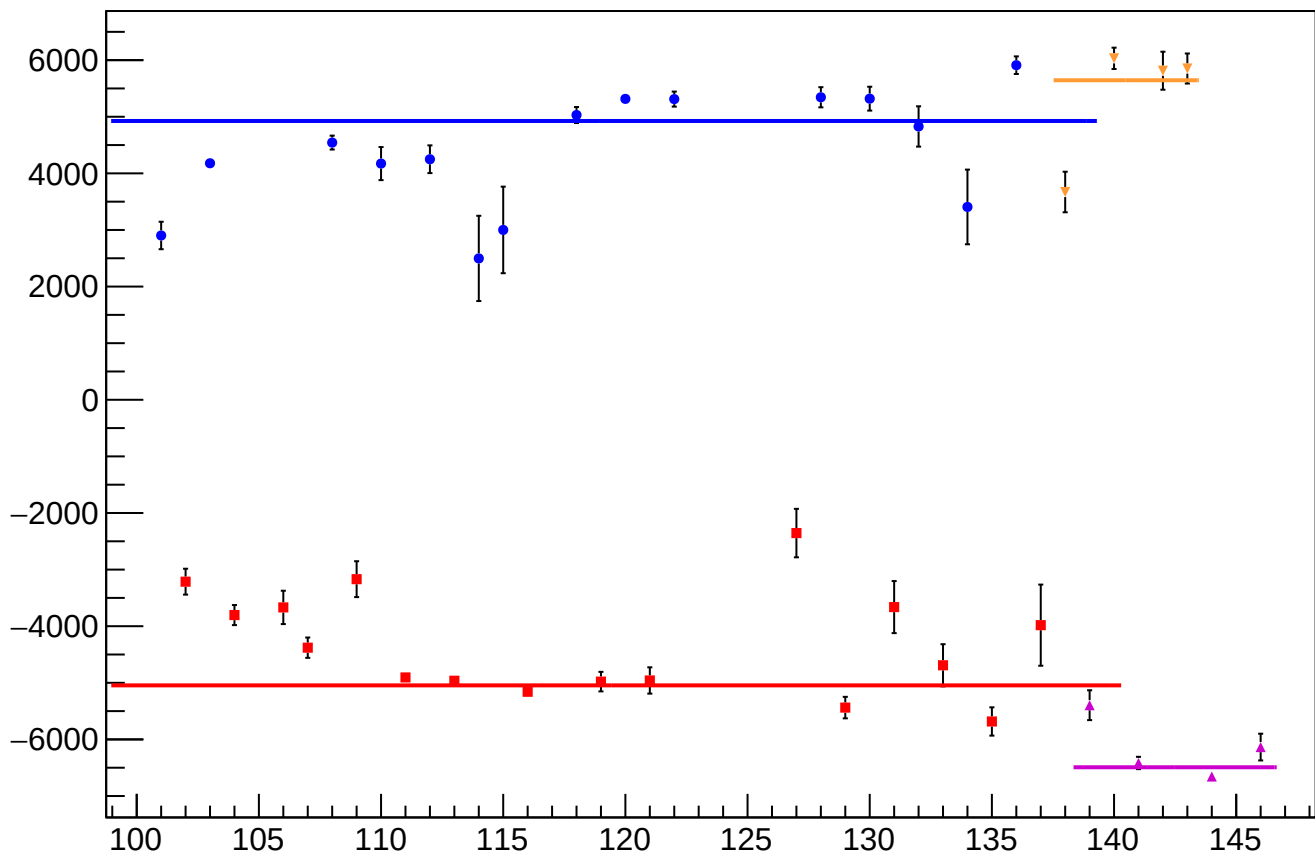
Left In: -144.000 ± 0.000 $\chi^2/\text{NDF}: 3122.0/3$

116.377 ± 0.000 $\chi^2/\text{NDF}: 15979323783741632$

16.999 ± 0.000 $\chi^2/\text{NDF}: 3756132288916$

-122.504 ± 0.000 $\chi^2/\text{NDF}: 1079978671168135$

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 4925.305 +/- 0.939 χ^2/NDF : 330994.6/14

Left Out: 5644.461 +/- 130.105 χ^2/NDF : 35.5/3

Right Out: -5045.221 +/- 0.668 χ^2/NDF : 30179.9/15

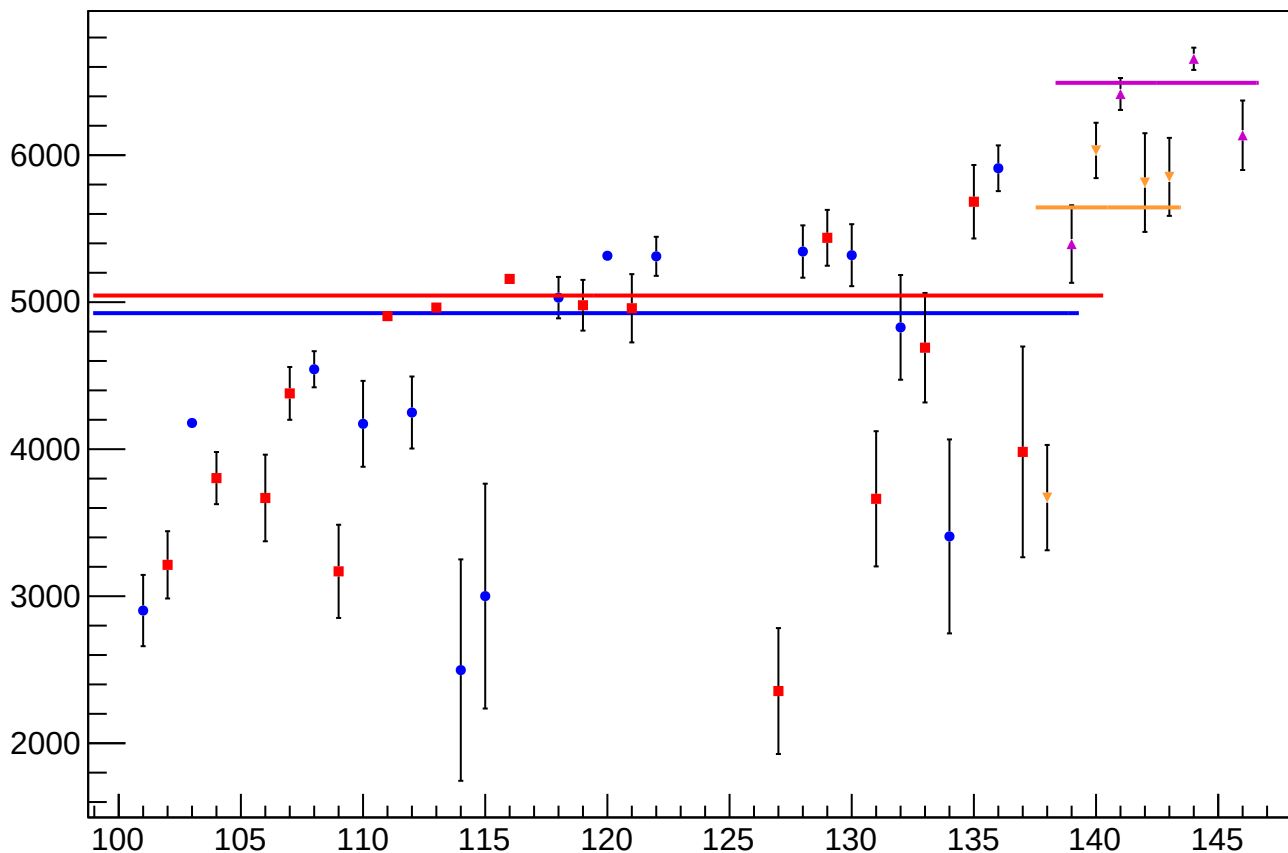
Left In: -6491.872 +/- 58.556 χ^2/NDF : 24.7/3

4925.343 +/- 0.939 χ^2/NDF : 331060.6/18

-1694.796 +/- 0.544 χ^2/NDF : 75276236.4/18

-5045.409 +/- 0.668 χ^2/NDF : 30814.9/19

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305 $\pm$ 0.939 χ^2/NDF : 330994.6/14

Left Out: 5644.461 $\pm$ 130.105 χ^2/NDF : 35.5/3

Right Out: 5045.221 $\pm$ 0.668 χ^2/NDF : 30179.9/15

Left In: 6491.872 $\pm$ 58.556 χ^2/NDF : 24.7/3

4925.343 $\pm$ 0.939 χ^2/NDF : 331060.6/18

5005.062 $\pm$ 0.544 χ^2/NDF : 372738.6/38

5045.409 $\pm$ 0.668 χ^2/NDF : 30814.9/19

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

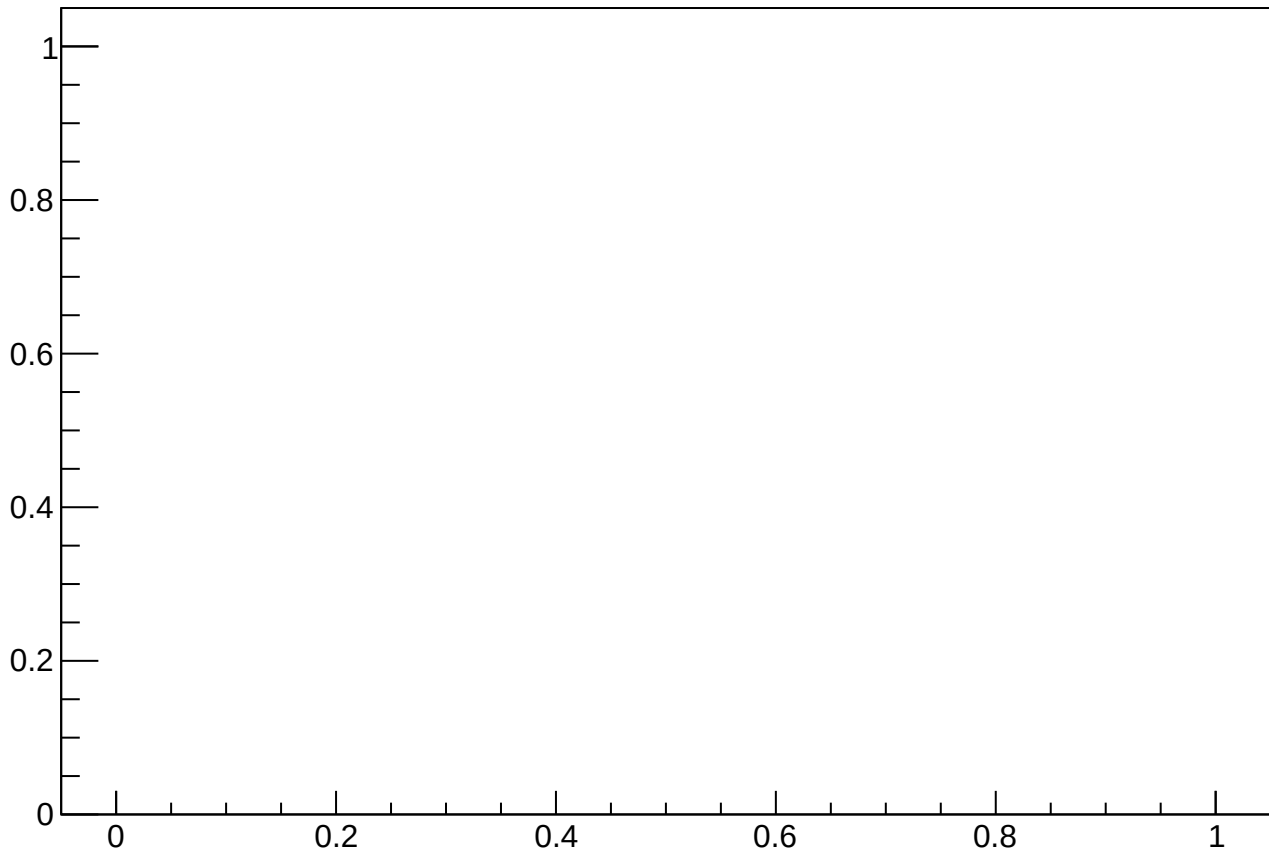
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

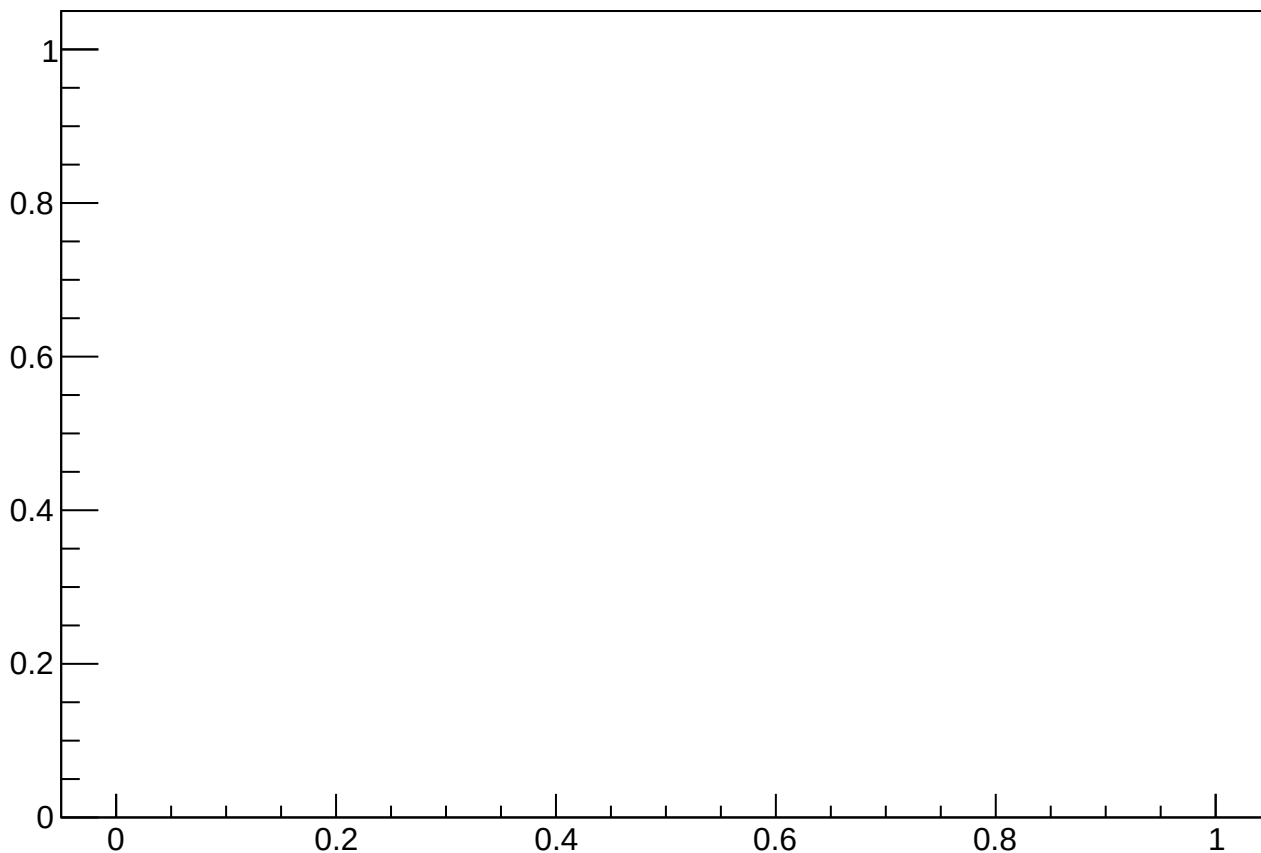
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

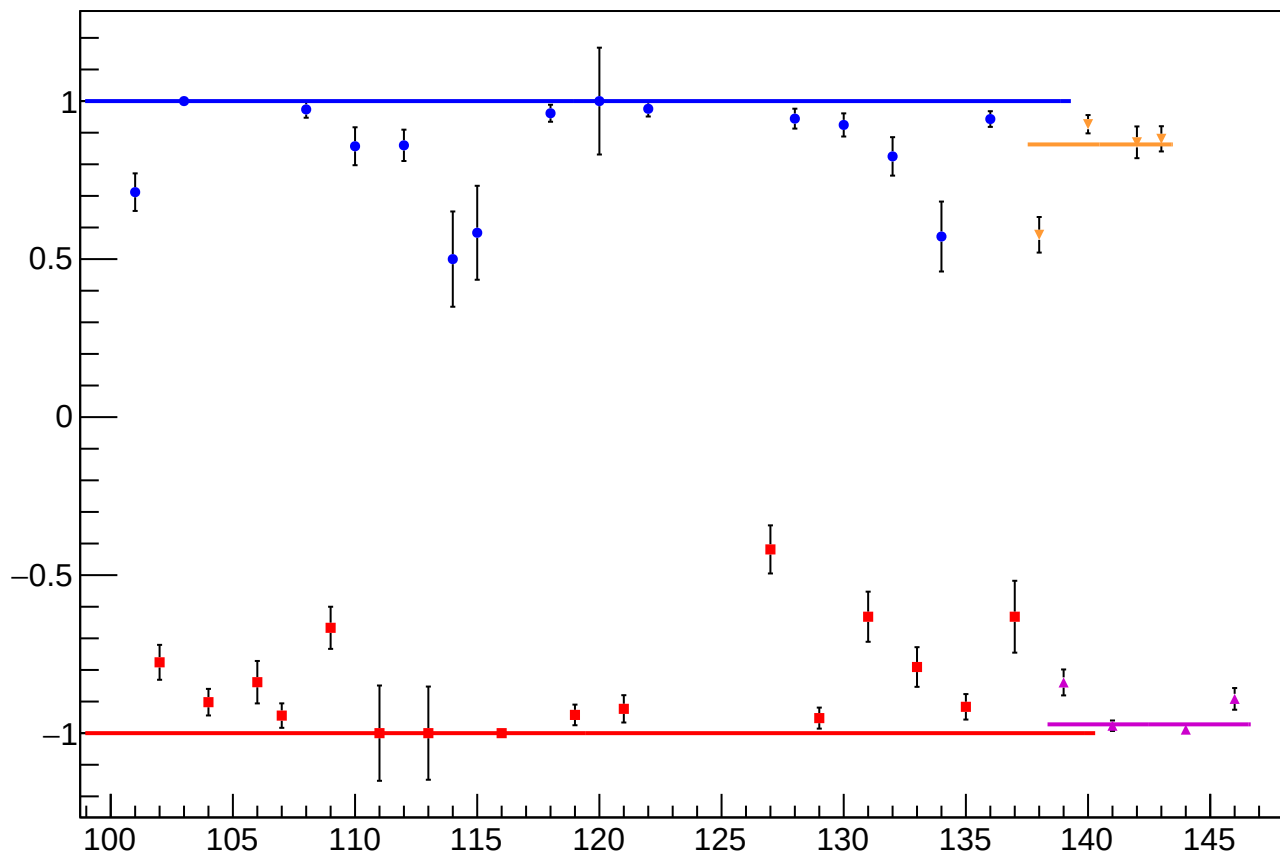
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.863 ± 0.020 χ^2/NDF : 30.9/3

Right Out: -1.000 ± 0.000 χ^2/NDF : 168.9/15

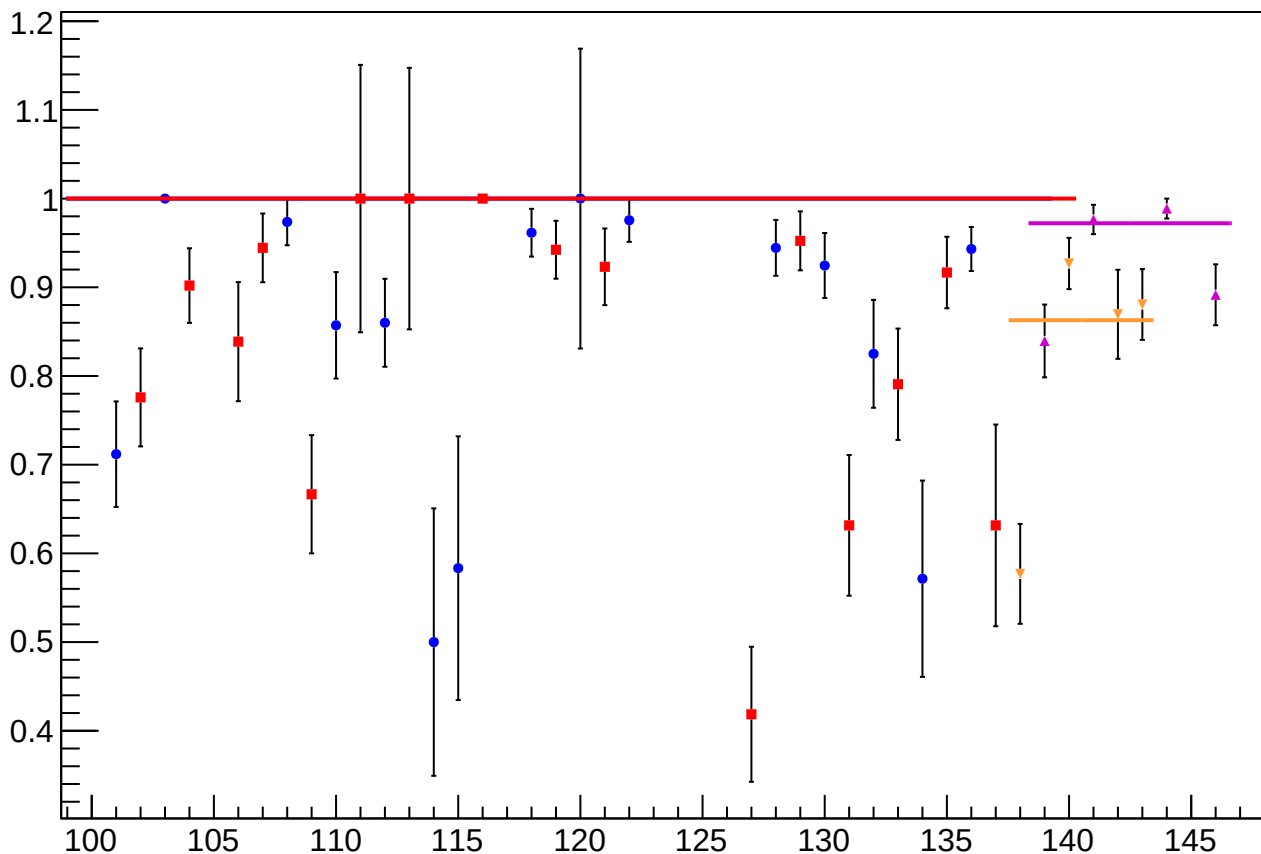
Left In: -0.972 ± 0.009 χ^2/NDF : 18.2/3

1.000 ± 0.000 χ^2/NDF : 174.5/18

0.398 ± 0.000 χ^2/NDF : 14173250084479

-1.000 ± 0.000 χ^2/NDF : 197.2/19

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000 $\pm$ 0.000 χ^2/NDF : 95.9/14

Left Out: 0.863 $\pm$ 0.020 χ^2/NDF : 30.9/3

Right Out: 1.000 $\pm$ 0.000 χ^2/NDF : 168.9/15

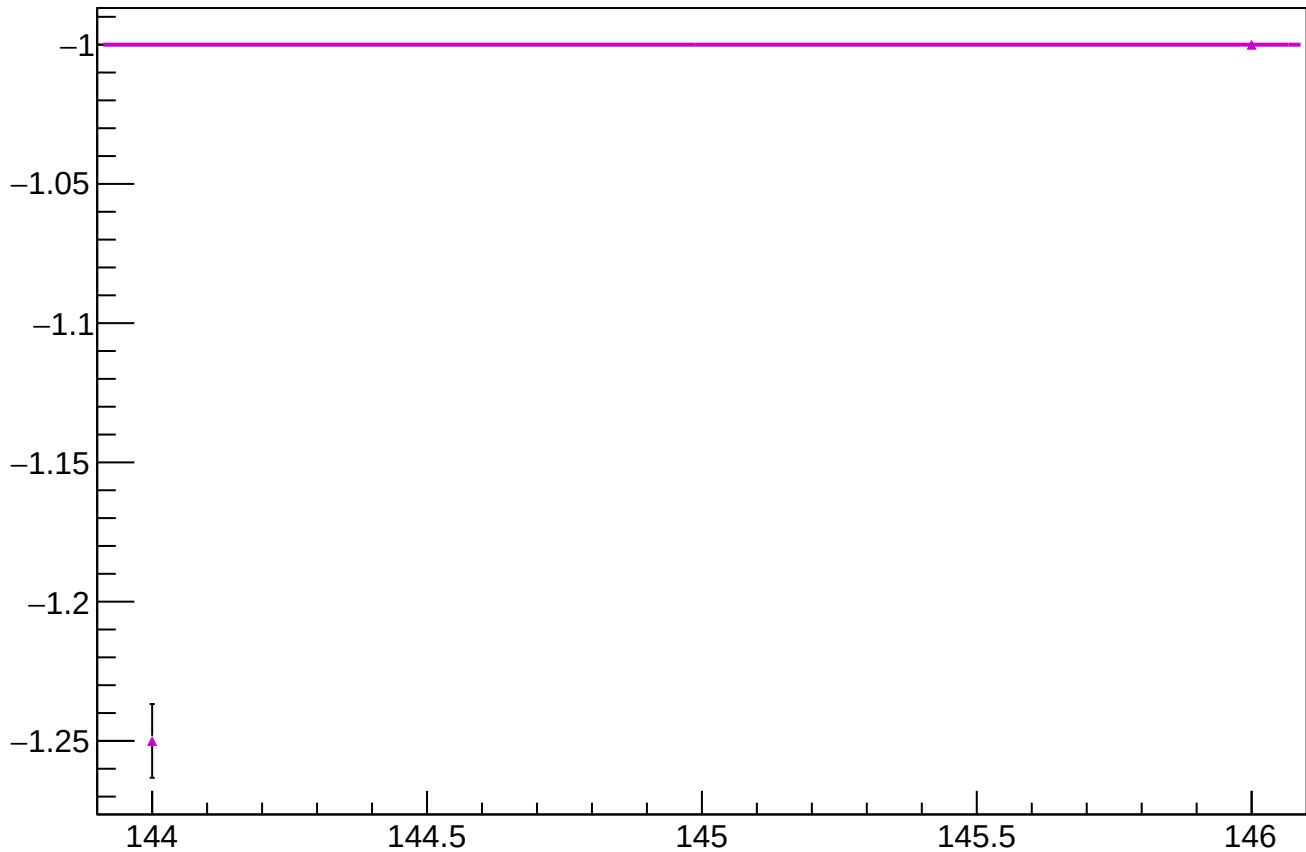
Left In: 0.972 $\pm$ 0.009 χ^2/NDF : 18.2/3

1.000 $\pm$ 0.000 χ^2/NDF : 174.5/18

1.000 $\pm$ 0.000 χ^2/NDF : 454.6/38

1.000 $\pm$ 0.000 χ^2/NDF : 197.2/19

dit_segment_slope vs Slug, Sign Corrected



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

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

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

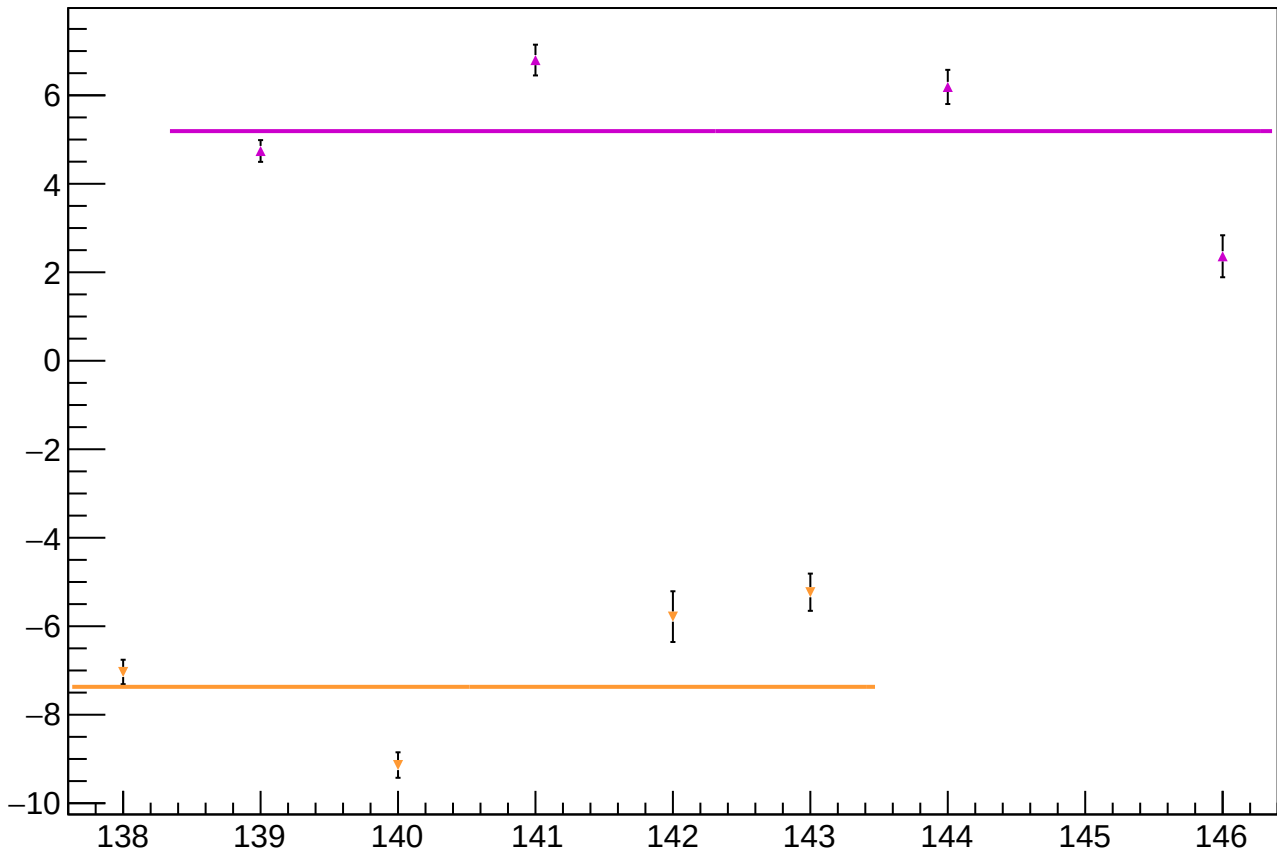
Left In: -1.000+/-0.000 χ^2/NDF : 356.0/1

0.000+/-0.000 χ^2/NDF : 0.0/0

-1.000+/-0.000 χ^2/NDF : 356.0/1

-1.000+/-0.000 χ^2/NDF : 356.0/1

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -7.370+/-0.172 χ^2/NDF : 72.6/3

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

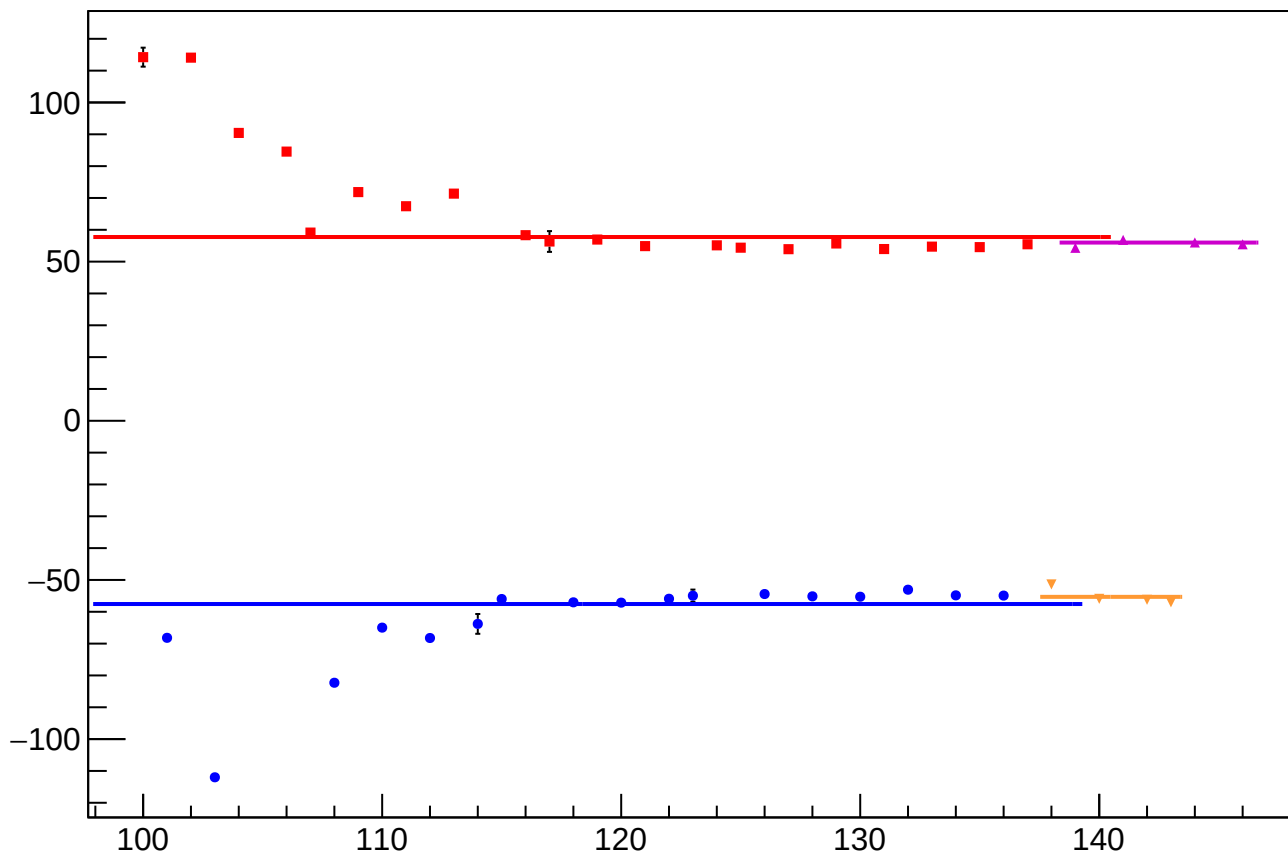
Left In: 5.191+/-0.167 χ^2/NDF : 66.9/3

-7.370+/-0.172 χ^2/NDF : 72.6/3

-0.898+/-0.120 χ^2/NDF : 2888.8/7

5.191+/-0.167 χ^2/NDF : 66.9/3

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -55.311 ± 0.148 χ^2/NDF : 194.3/3

Right Out: 57.733 ± 0.143 χ^2/NDF : 4698.6/19

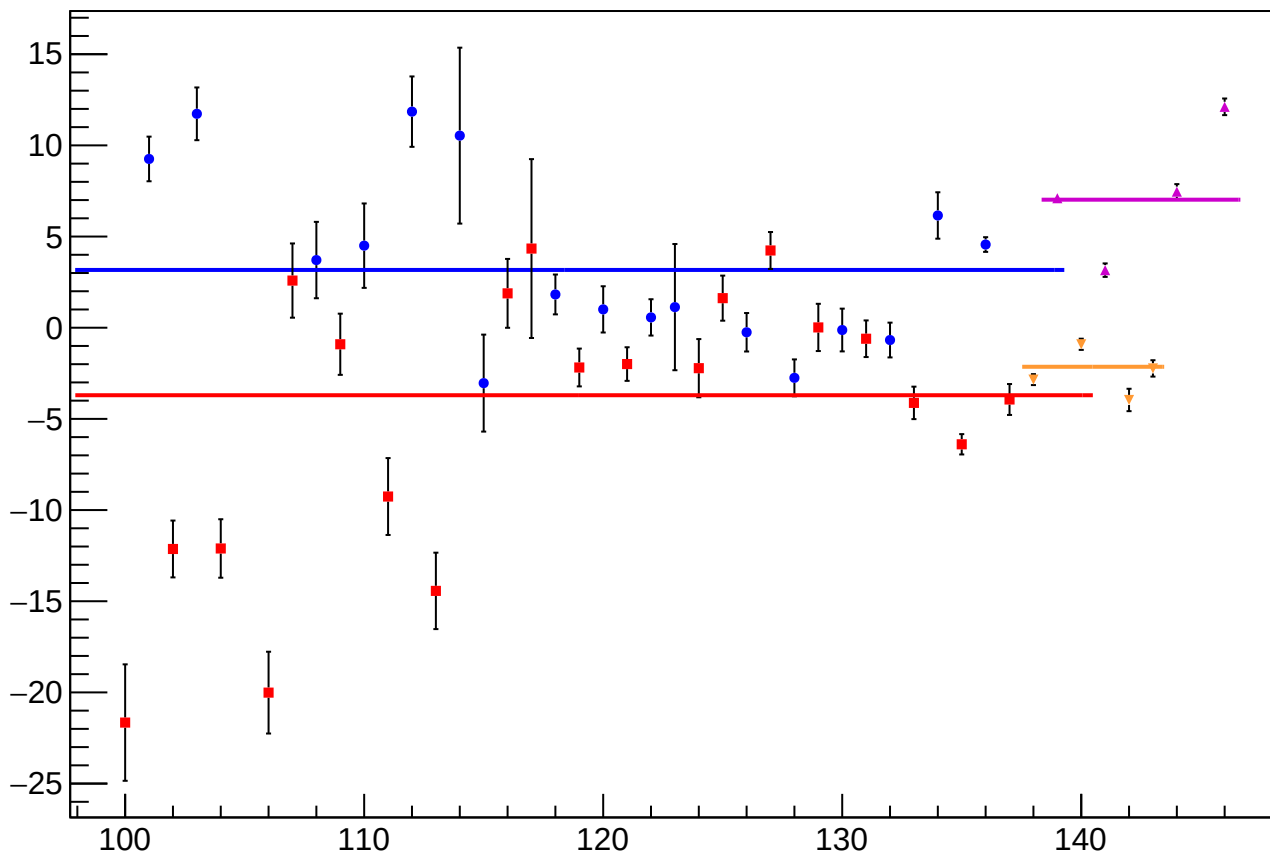
Left In: 55.987 ± 0.150 χ^2/NDF : 28.1/3

-56.485 ± 0.102 χ^2/NDF : 3771.6/20

-0.548 ± 0.073 χ^2/NDF : 616656.6/44

56.903 ± 0.104 χ^2/NDF : 4797.7/23

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -2.142 ± 0.185 χ^2/NDF : 30.5/3

Right Out: -3.702 ± 0.267 χ^2/NDF : 326.0/19

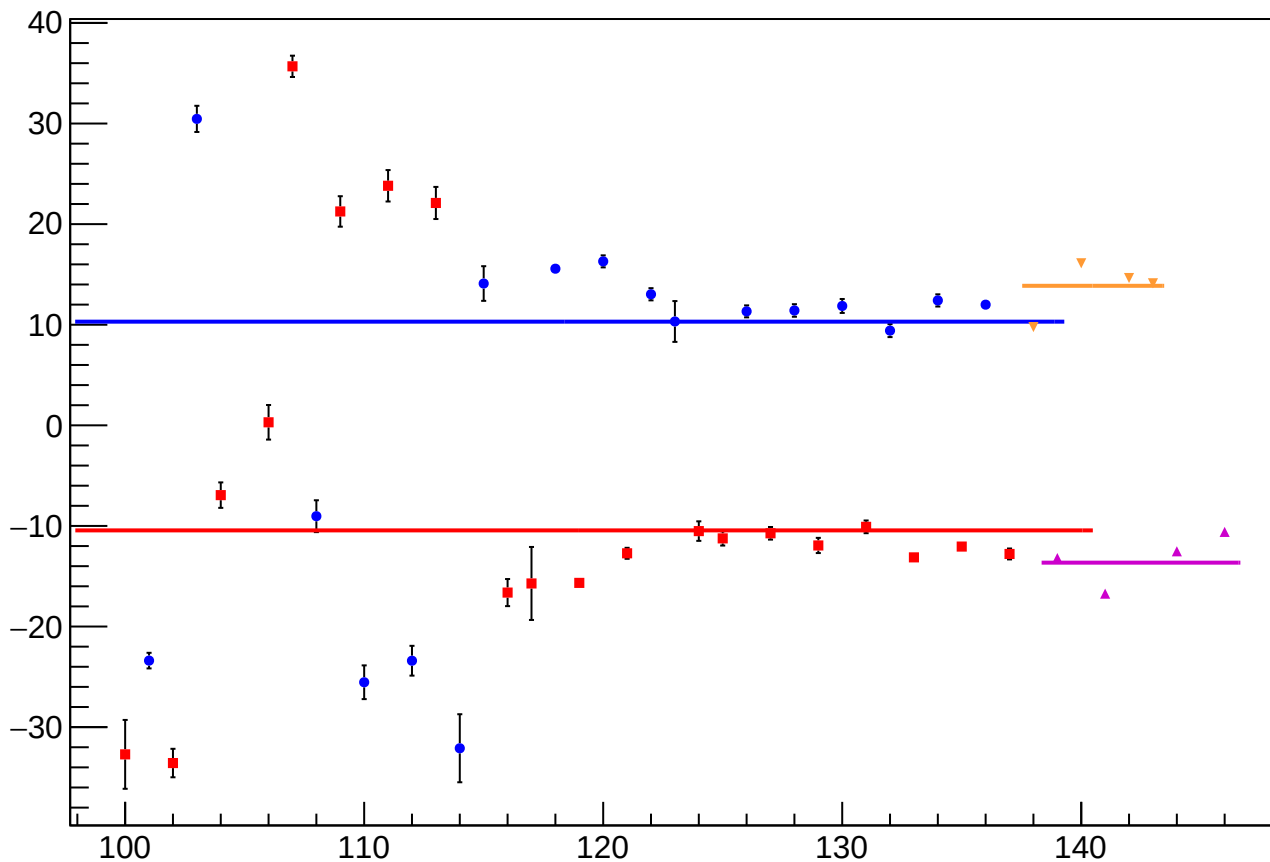
Left In: 7.021 ± 0.177 χ^2/NDF : 235.4/3

-0.340 ± 0.150 χ^2/NDF : 497.1/20

1.748 ± 0.105 χ^2/NDF : 2562.3/44

3.755 ± 0.147 χ^2/NDF : 1685.7/23

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306 ± 0.157 $\chi^2/\text{NDF}: 3712.3/16$

Left Out: 13.870 ± 0.173 $\chi^2/\text{NDF}: 198.2/3$

Right Out: -10.443 ± 0.160 $\chi^2/\text{NDF}: 3830.6/19$

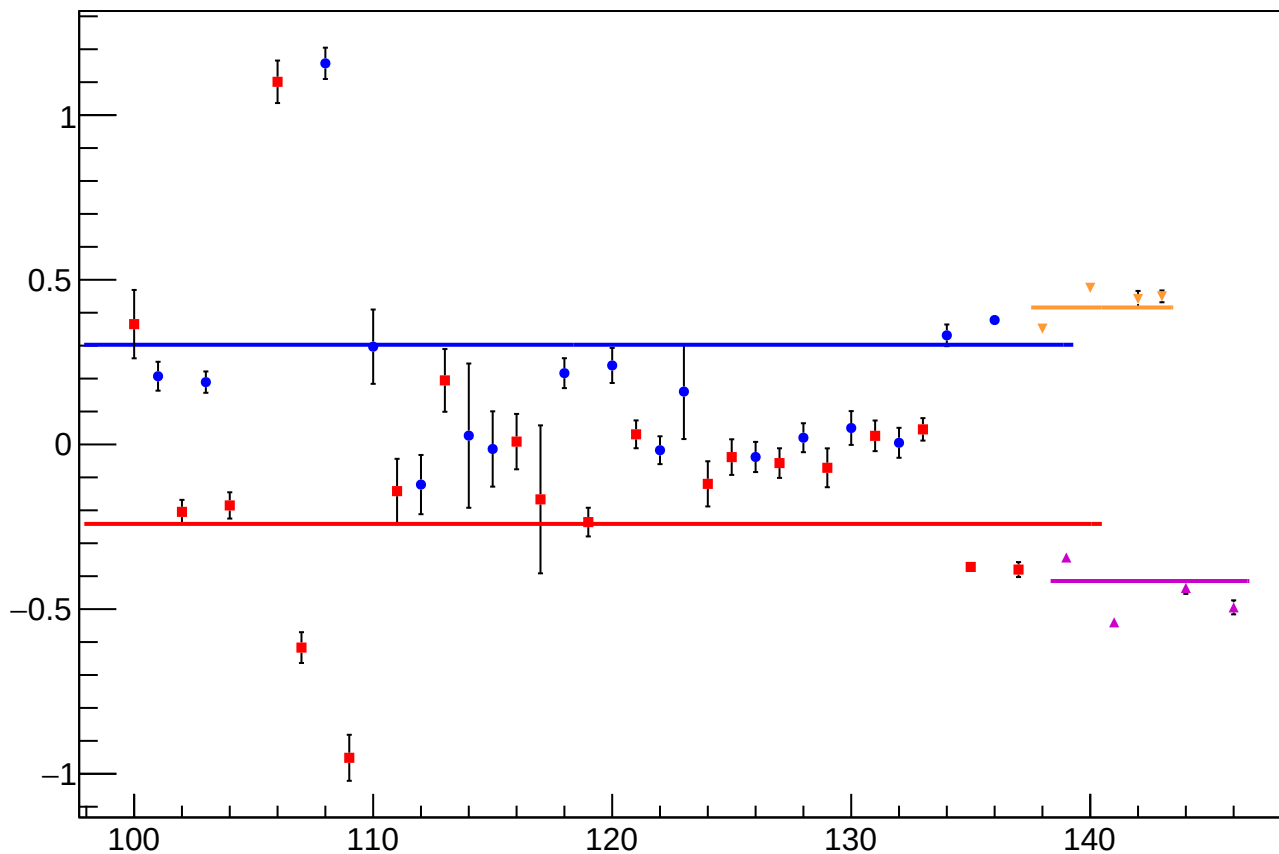
Left In: -13.650 ± 0.175 $\chi^2/\text{NDF}: 183.3/3$

11.909 ± 0.116 $\chi^2/\text{NDF}: 4143.0/20$

0.163 ± 0.083 $\chi^2/\text{NDF}: 29020.3/44$

-11.904 ± 0.118 $\chi^2/\text{NDF}: 4197.5/23$

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 646.6/16

Left Out: 0.416 ± 0.007 χ^2/NDF : 55.9/3

Right Out: -0.241 ± 0.008 χ^2/NDF : 986.9/19

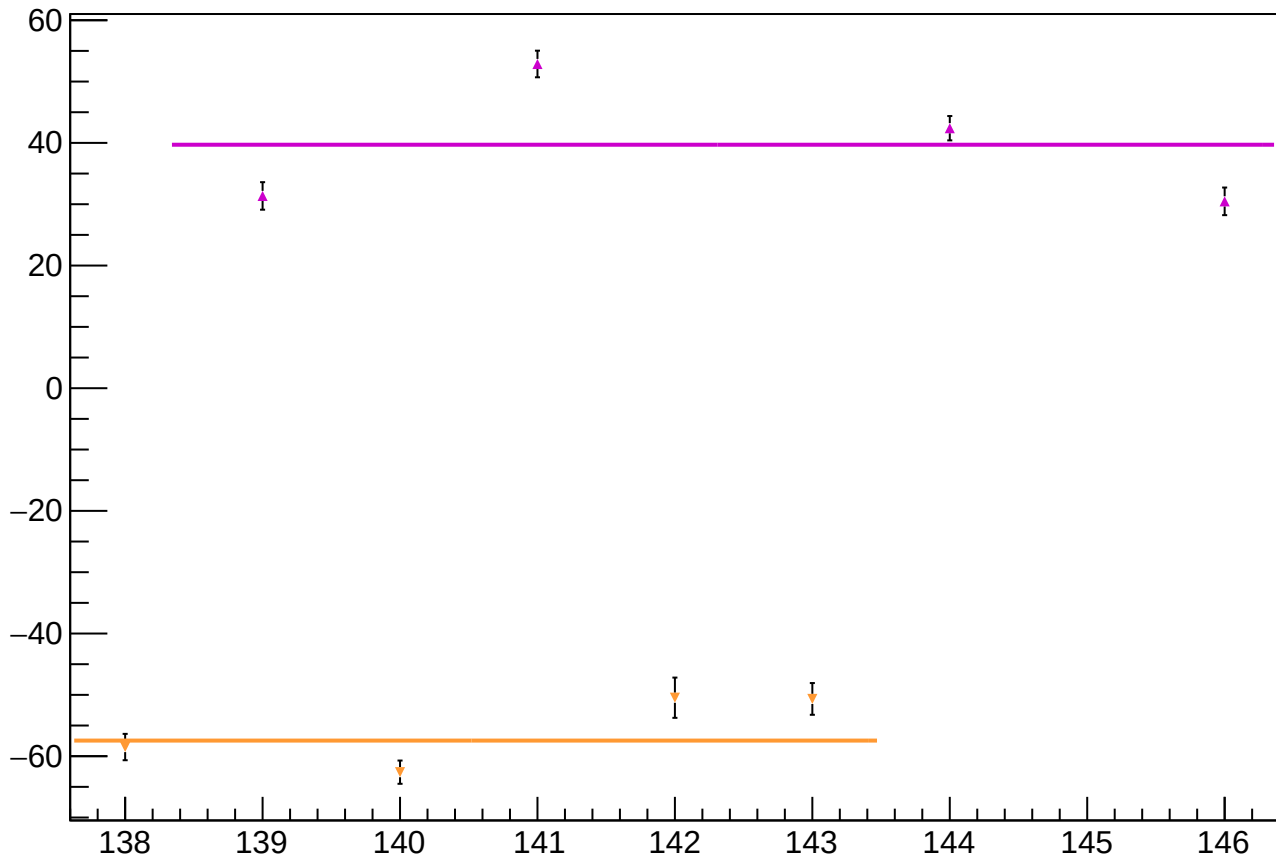
Left In: -0.415 ± 0.007 χ^2/NDF : 144.5/3

0.365 ± 0.006 χ^2/NDF : 806.9/20

-0.002 ± 0.004 χ^2/NDF : 10744.7/44

-0.346 ± 0.005 χ^2/NDF : 1383.3/23

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -57.454 ± 1.165 χ^2/NDF : 19.1/3

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

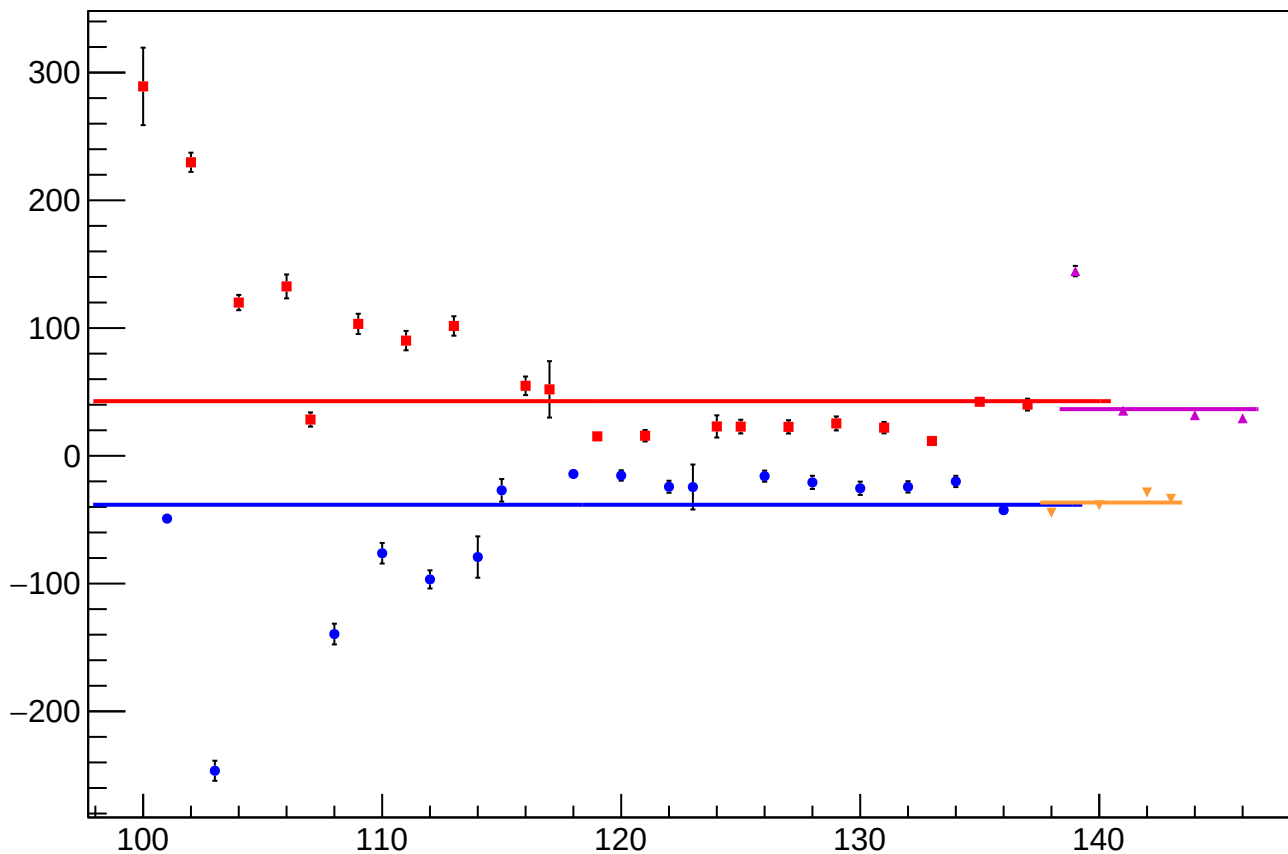
Left In: 39.700 ± 1.077 χ^2/NDF : 69.3/3

-57.454 ± 1.165 χ^2/NDF : 19.1/3

-5.077 ± 0.791 χ^2/NDF : 3839.3/7

39.700 ± 1.077 χ^2/NDF : 69.3/3

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.309 ± 1.137 χ^2/NDF : 1132.7/16

Left Out: -36.552 ± 0.915 χ^2/NDF : 33.7/3

Right Out: 42.784 ± 1.209 χ^2/NDF : 1341.8/19

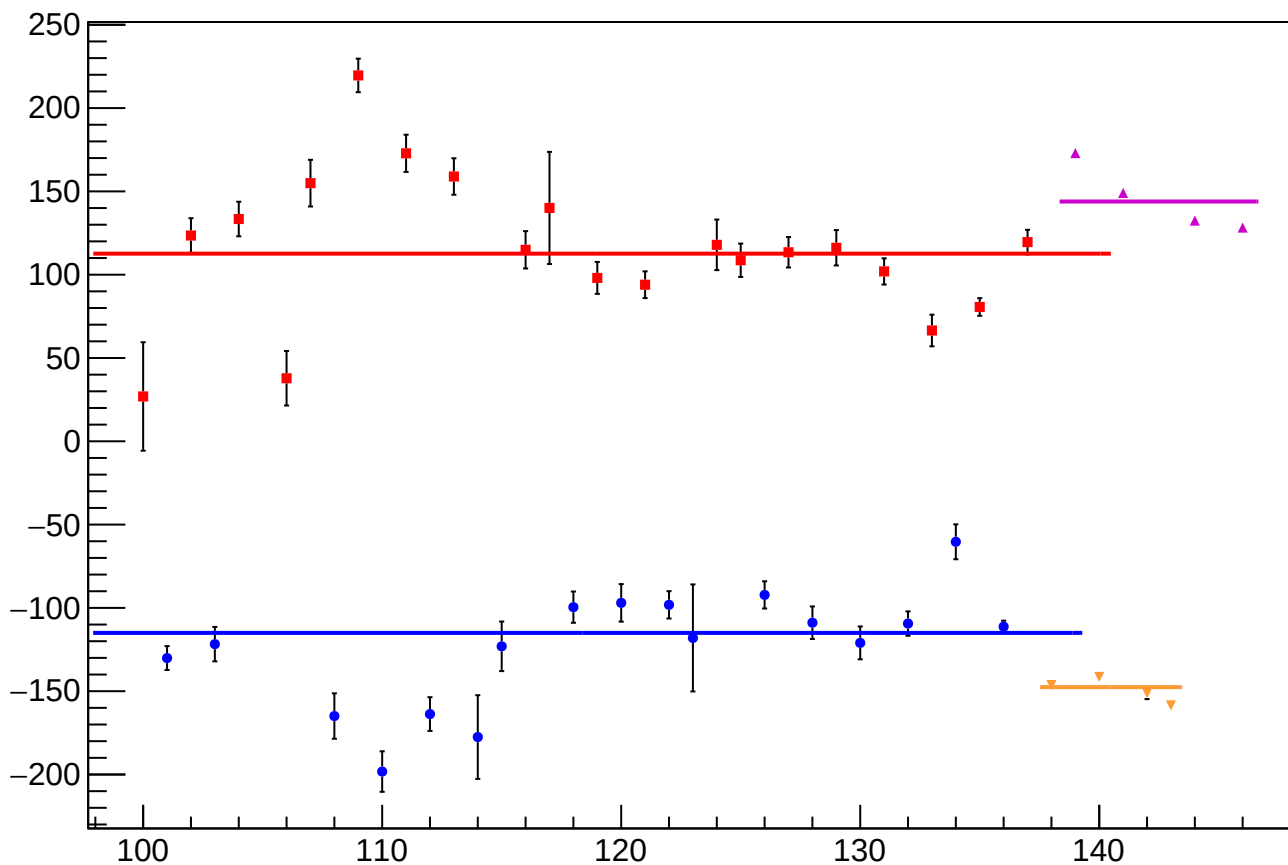
Left In: 36.549 ± 0.817 χ^2/NDF : 742.1/3

-37.243 ± 0.713 χ^2/NDF : 1167.8/20

2.598 ± 0.491 χ^2/NDF : 9205.5/44

38.504 ± 0.677 χ^2/NDF : 2102.1/23

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.996 ± 2.072 χ^2/NDF : 141.8/16

Left Out: -147.563 ± 1.248 χ^2/NDF : 26.3/3

Right Out: 112.628 ± 2.202 χ^2/NDF : 273.8/19

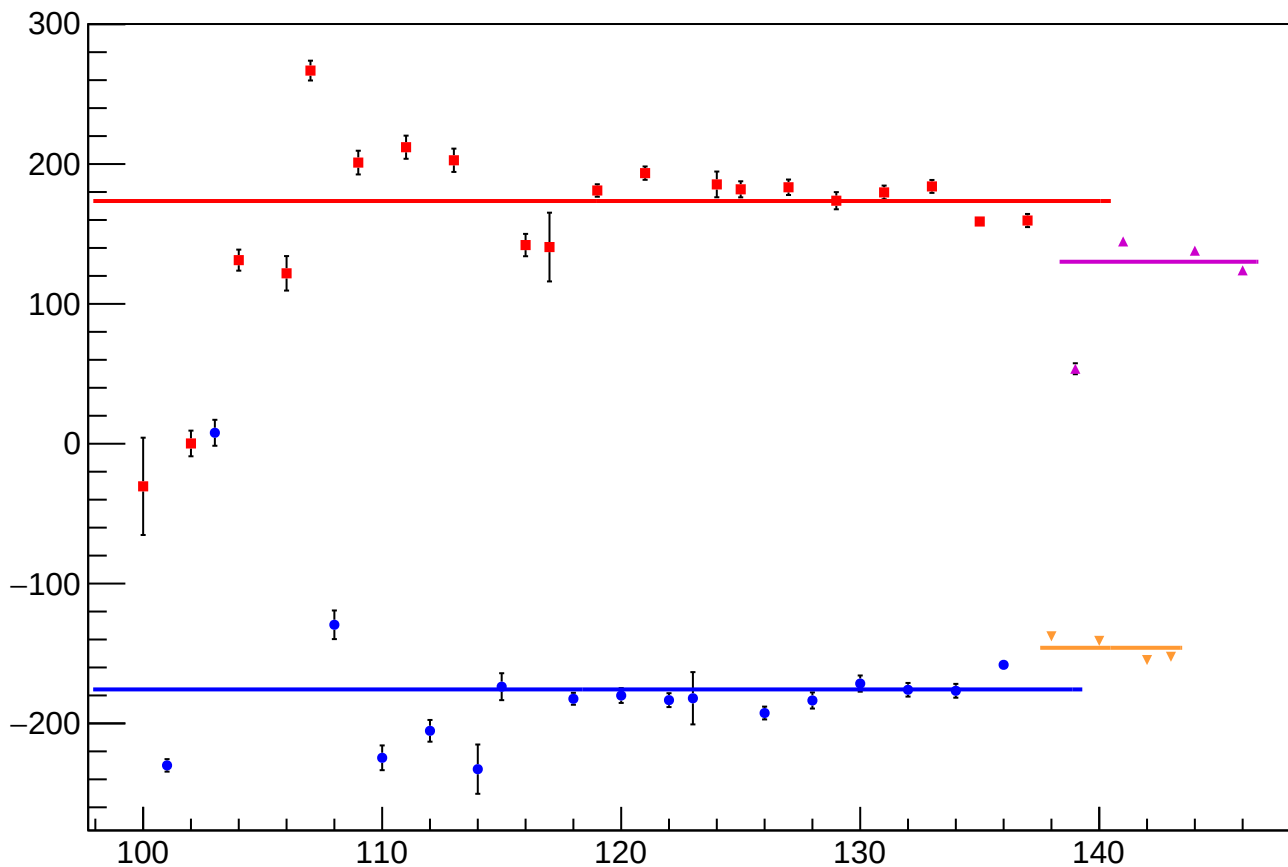
Left In: 143.930 ± 1.123 χ^2/NDF : 229.6/3

-138.894 ± 1.069 χ^2/NDF : 349.3/20

8.486 ± 0.730 χ^2/NDF : 36646.9/44

137.472 ± 1.000 χ^2/NDF : 663.8/23

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -145.922 ± 1.095 χ^2/NDF : 39.7/3

Right Out: 173.566 ± 1.354 χ^2/NDF : 739.5/19

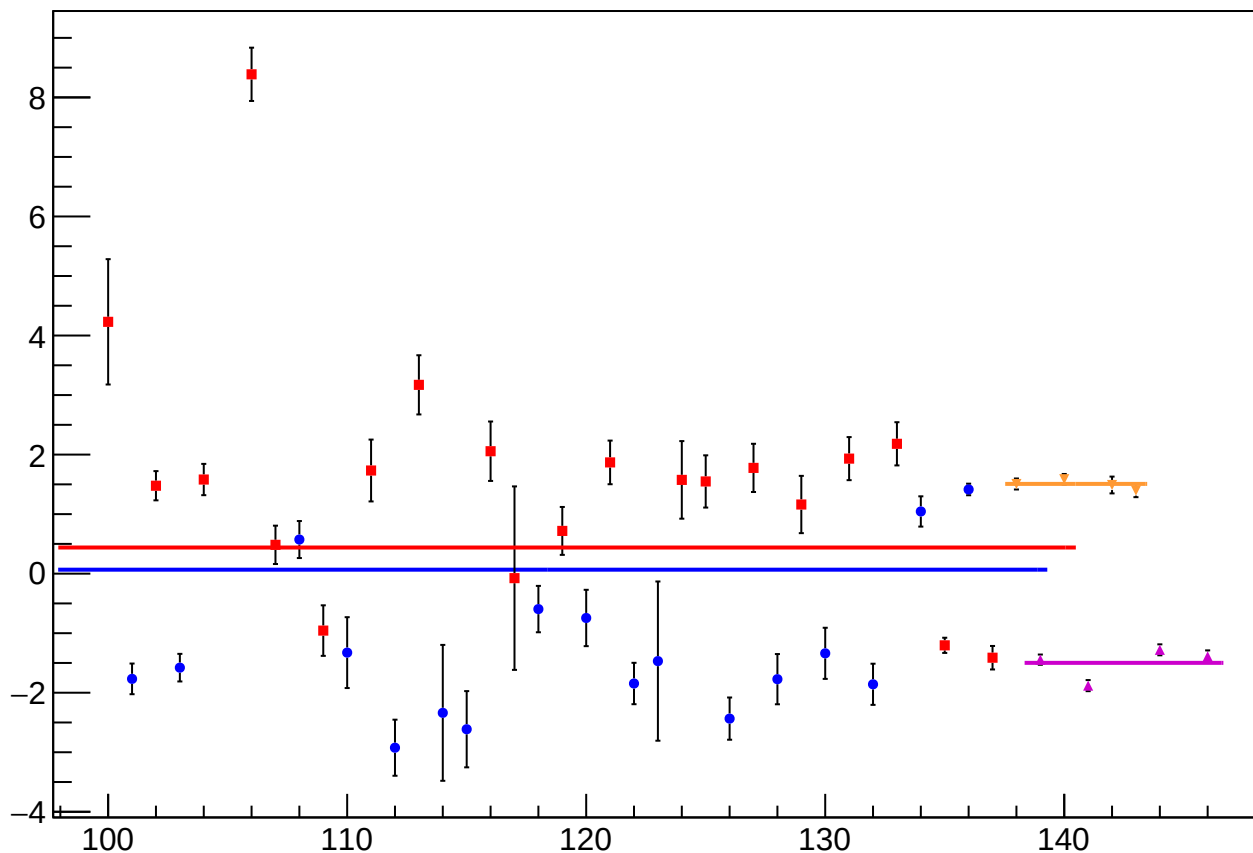
Left In: 130.138 ± 0.982 χ^2/NDF : 476.3/3

-158.651 ± 0.829 χ^2/NDF : 1048.4/20

-0.402 ± 0.574 χ^2/NDF : 72912.8/44

145.105 ± 0.795 χ^2/NDF : 1890.3/23

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.508 ± 0.051 χ^2/NDF : 1.8/3

Right Out: 0.439 ± 0.071 χ^2/NDF : 755.0/19

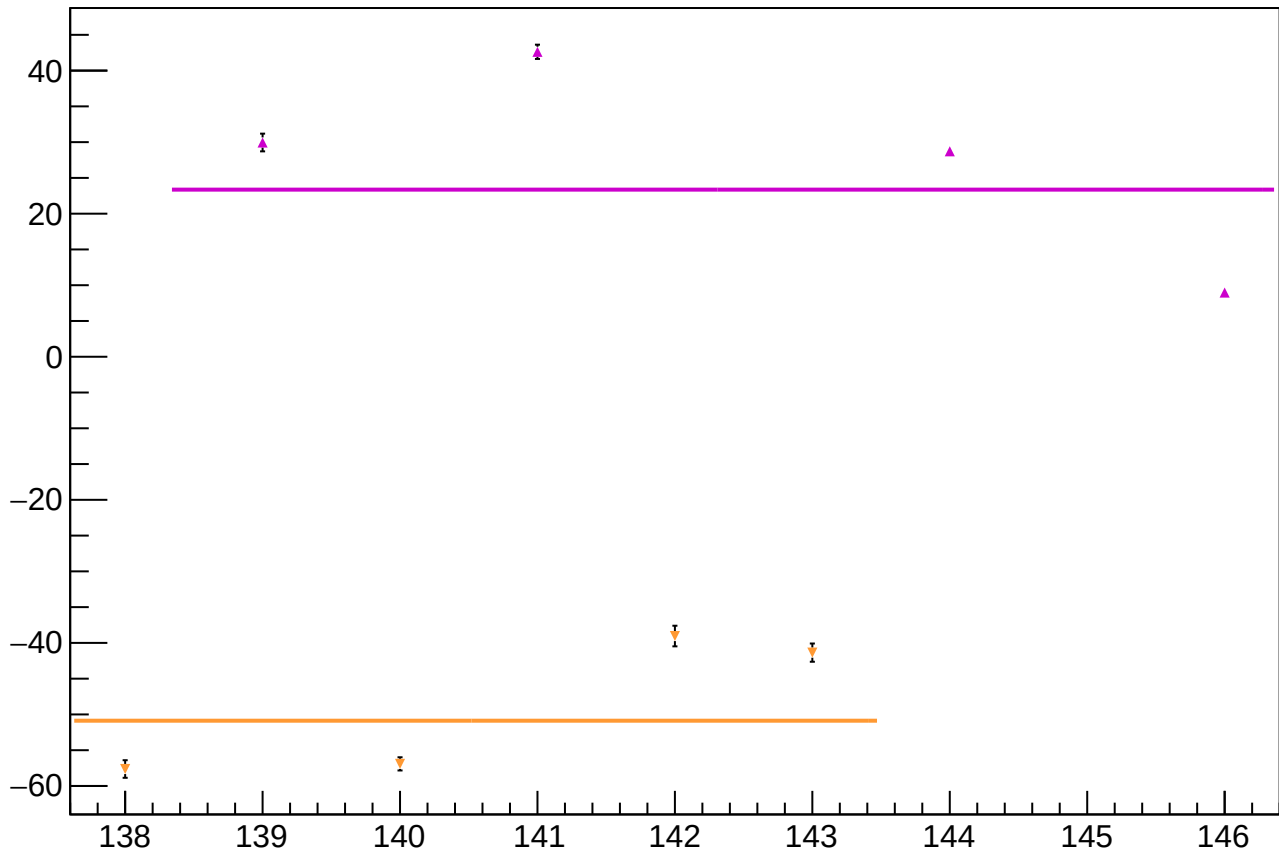
Left In: -1.498 ± 0.046 χ^2/NDF : 24.0/3

0.973 ± 0.041 χ^2/NDF : 819.2/20

-0.023 ± 0.028 χ^2/NDF : 3254.6/44

-0.922 ± 0.039 χ^2/NDF : 1301.5/23

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -50.876+/-0.584 χ^2/NDF : 196.1/3

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

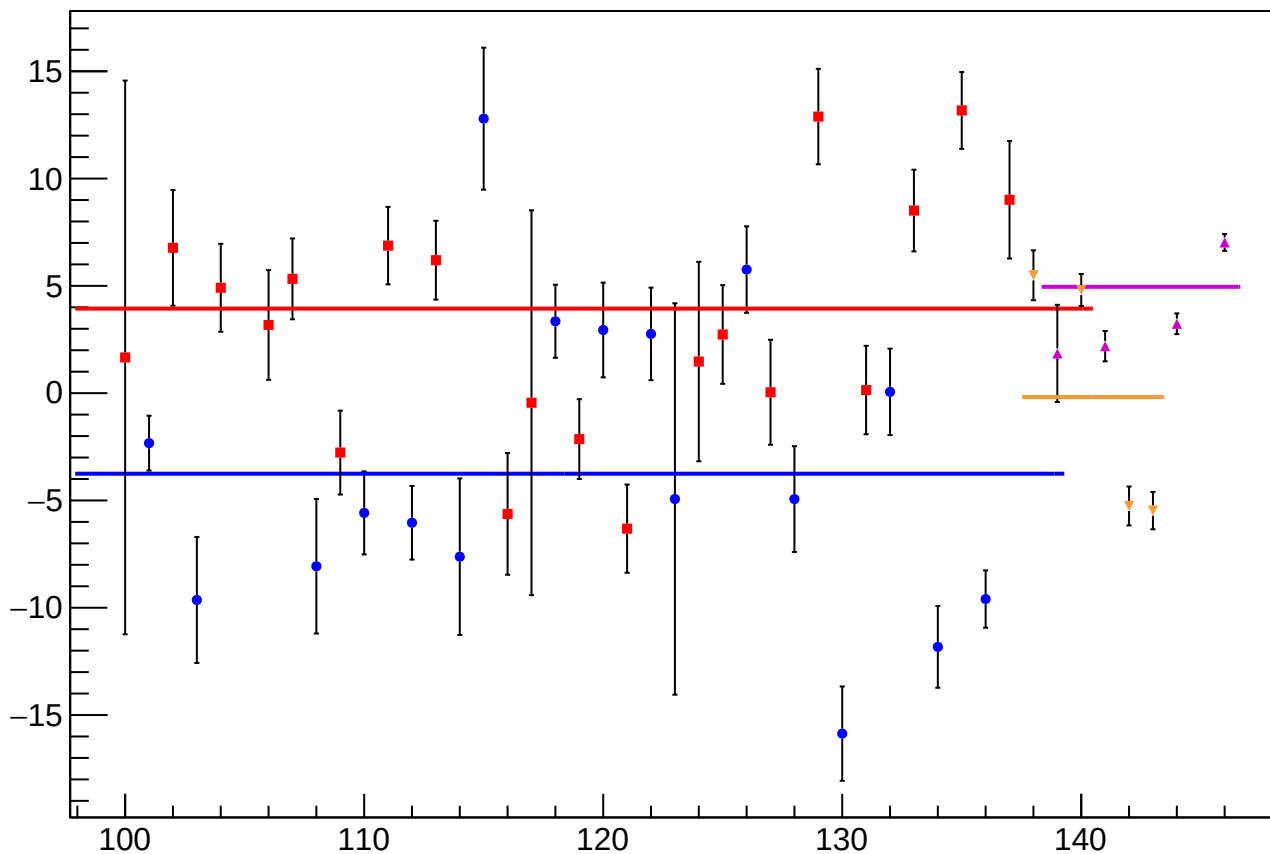
Left In: 23.361+/-0.399 χ^2/NDF : 970.8/3

-50.876+/-0.584 χ^2/NDF : 196.1/3

-0.267+/-0.329 χ^2/NDF : 12188.0/7

23.361+/-0.399 χ^2/NDF : 970.8/3

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Left Out: -0.180 ± 0.444 χ^2/NDF : 136.9/3

Right Out: 3.940 ± 0.506 χ^2/NDF : 123.6/19

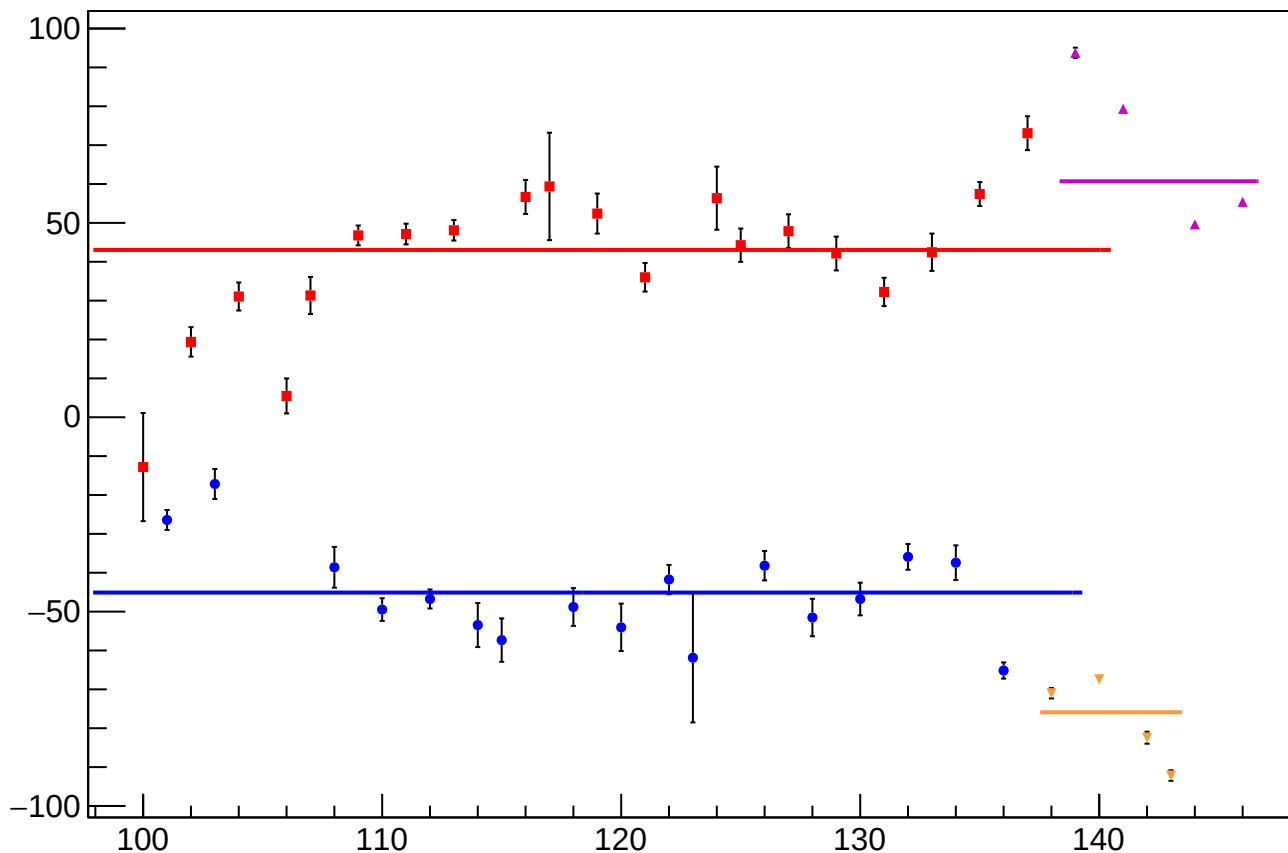
Left In: 4.956 ± 0.277 χ^2/NDF : 58.0/3

-1.773 ± 0.330 χ^2/NDF : 331.1/20

2.445 ± 0.196 χ^2/NDF : 766.6/44

4.722 ± 0.243 χ^2/NDF : 184.7/23

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -75.894 ± 0.625 χ^2/NDF : 249.1/3

Right Out: 43.045 ± 0.876 χ^2/NDF : 250.3/19

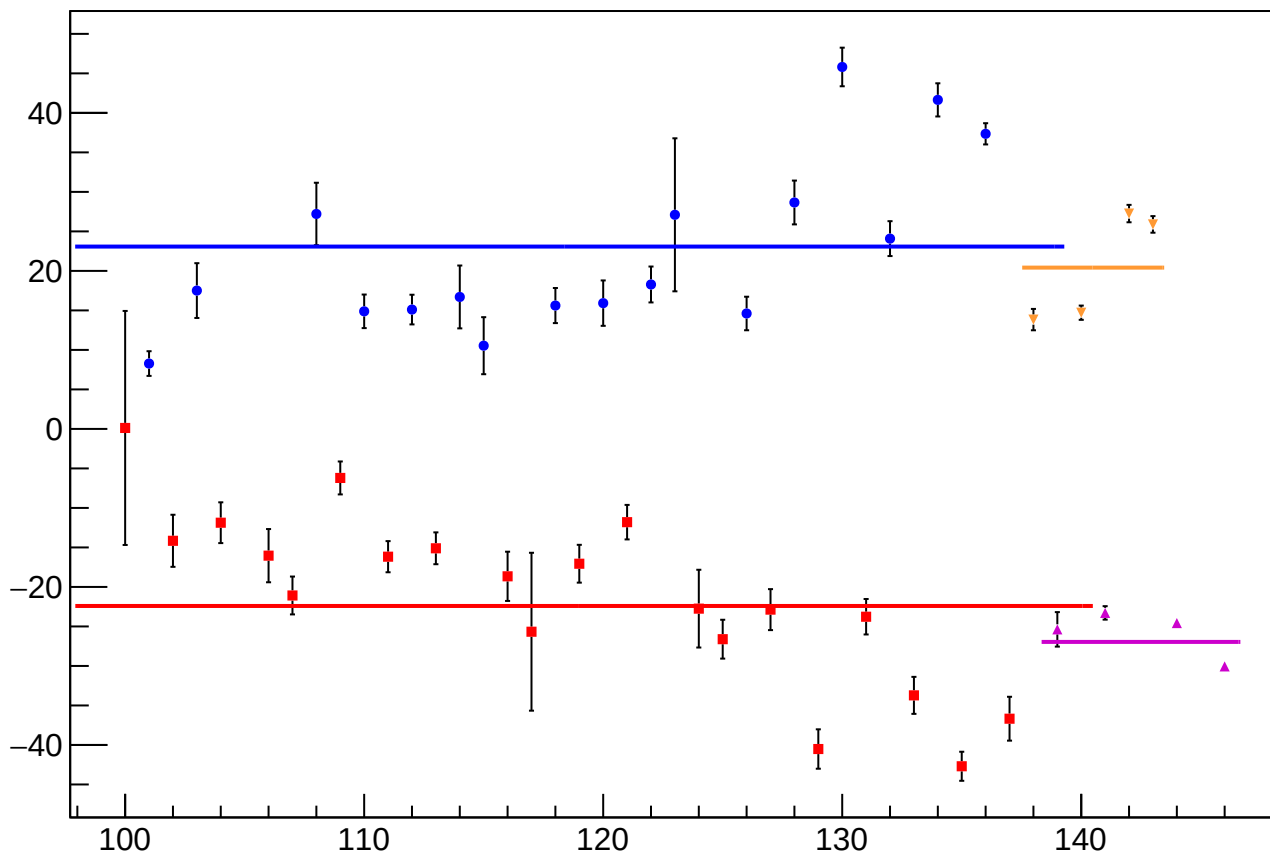
Left In: 60.705 ± 0.408 χ^2/NDF : 1223.8/3

-65.586 ± 0.510 χ^2/NDF : 1292.0/20

15.034 ± 0.299 χ^2/NDF : 41318.7/44

57.550 ± 0.370 χ^2/NDF : 1808.1/23

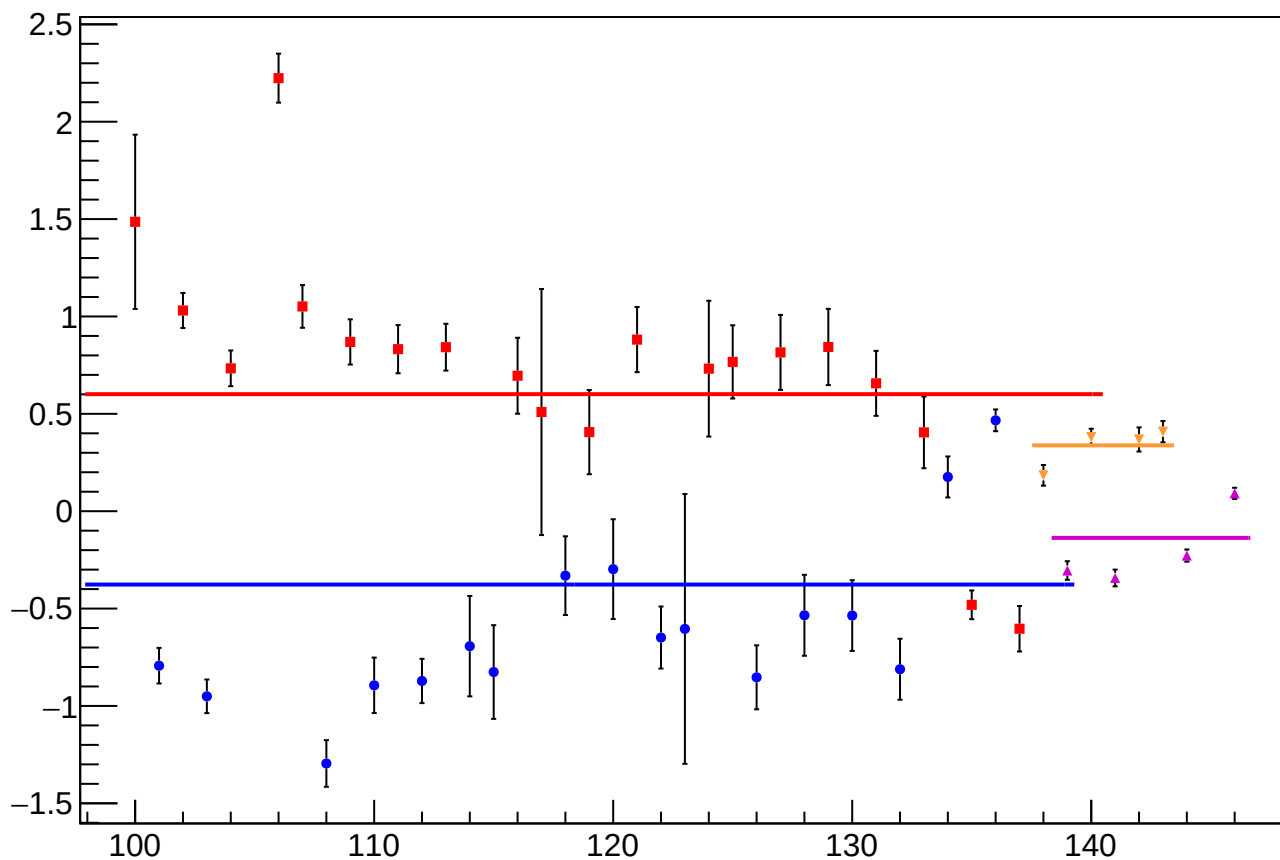
reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079±/0.556 χ^2/NDF : 461.1/16
 Left Out: 20.416±/0.534 χ^2/NDF :129.4/3
 Right Out: -22.408±/0.571 χ^2/NDF : 370.4/19
 Left In: -26.958±/0.339 χ^2/NDF :75.7/3

21.694±/0.385 χ^2/NDF : 602.5/20
 -8.493±/0.232 χ^2/NDF : 10759.6/44
 -25.775±/0.291 χ^2/NDF : 493.0/23

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: 0.338 ± 0.026 $\chi^2/\text{NDF}: 11.3/3$

Right Out: 0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/19$

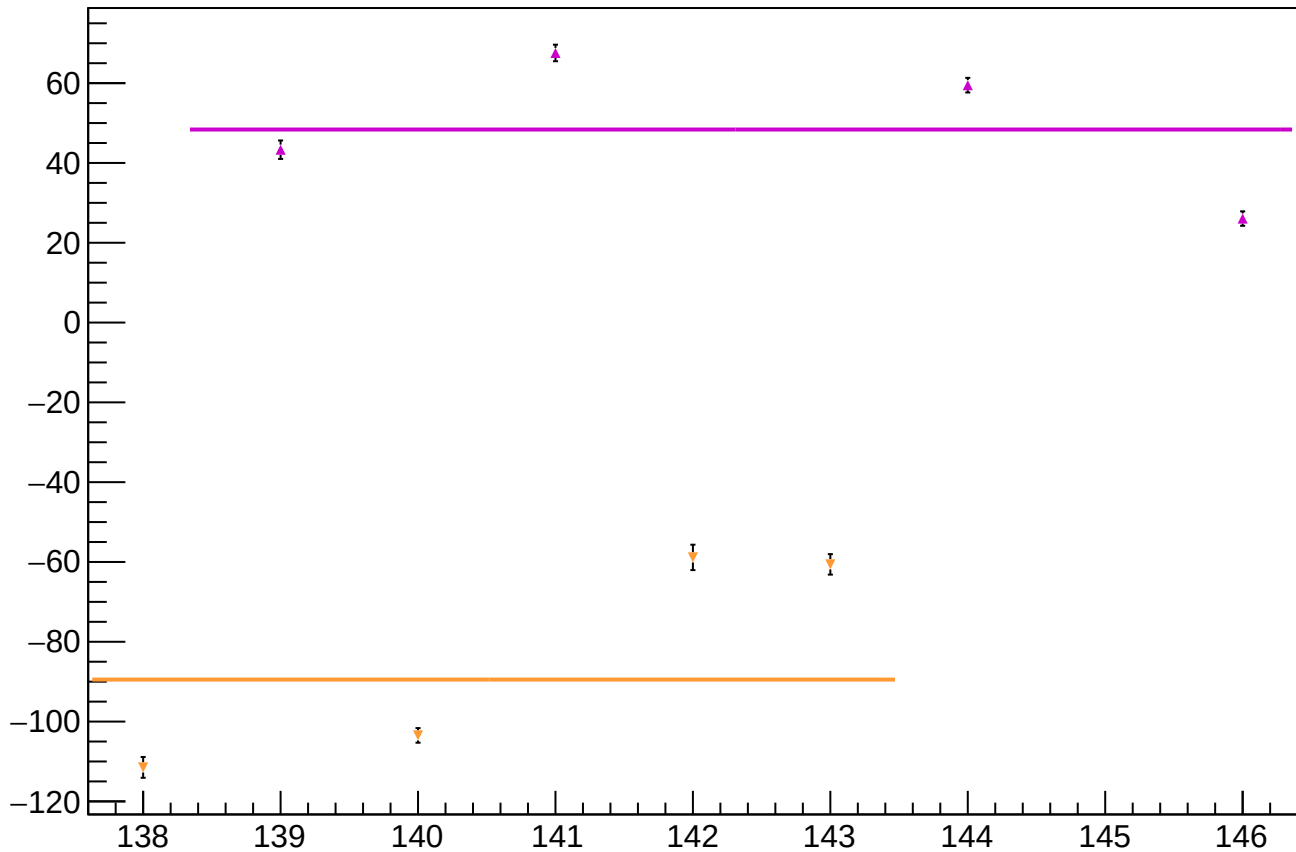
Left In: -0.137 ± 0.018 $\chi^2/\text{NDF}: 107.5/3$

0.034 ± 0.020 $\chi^2/\text{NDF}: 773.2/20$

0.045 ± 0.012 $\chi^2/\text{NDF}: 1883.7/44$

0.051 ± 0.015 $\chi^2/\text{NDF}: 1110.0/23$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -89.476+/-1.199 χ^2/NDF : 348.9/3

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

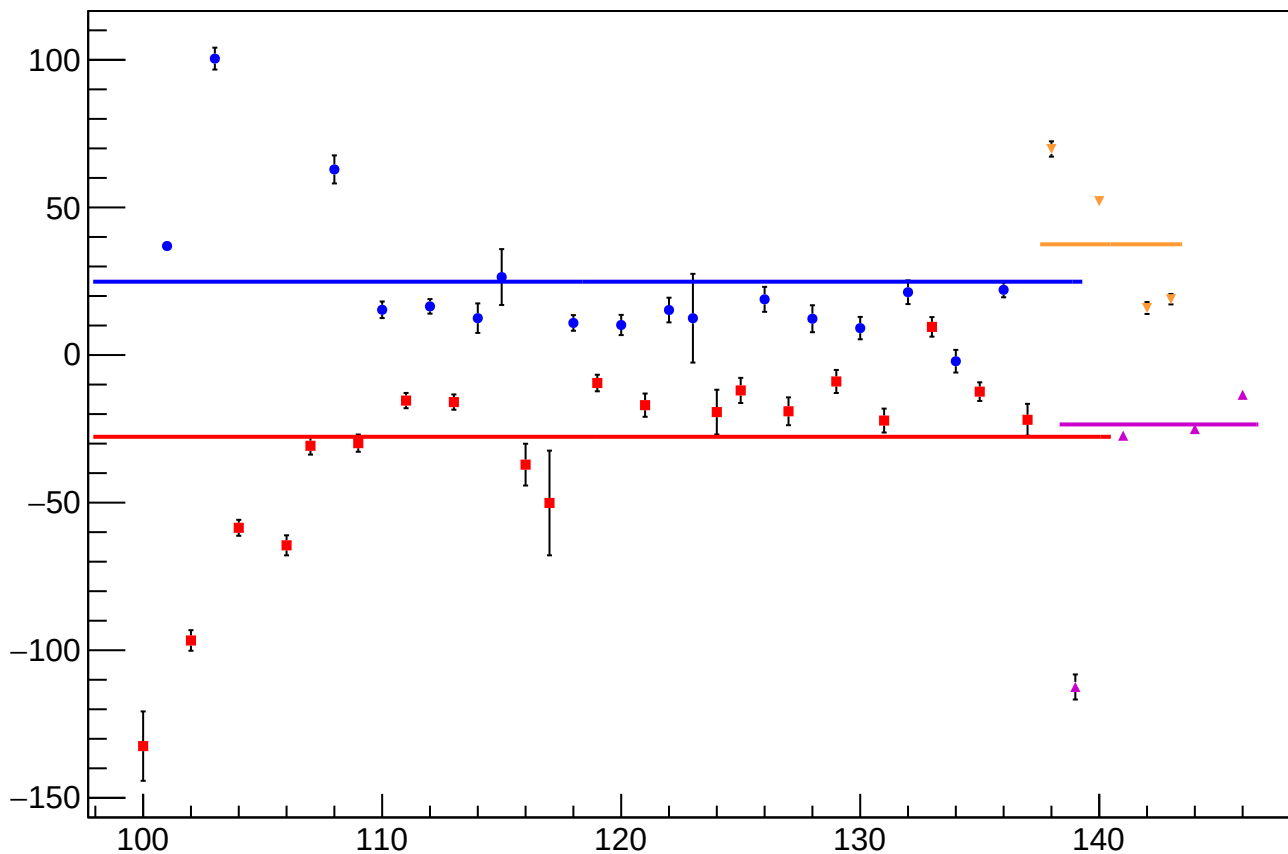
Left In: 48.380+/-0.989 χ^2/NDF : 279.0/3

-89.476+/-1.199 χ^2/NDF : 348.9/3

-7.473+/-0.763 χ^2/NDF : 8494.0/7

48.380+/-0.989 χ^2/NDF : 279.0/3

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: 37.519 $\pm$ 0.928 χ^2 /NDF:476.0/3

Right Out: -27.695 $\pm$ 0.810 χ^2 /NDF: 1010.8/19

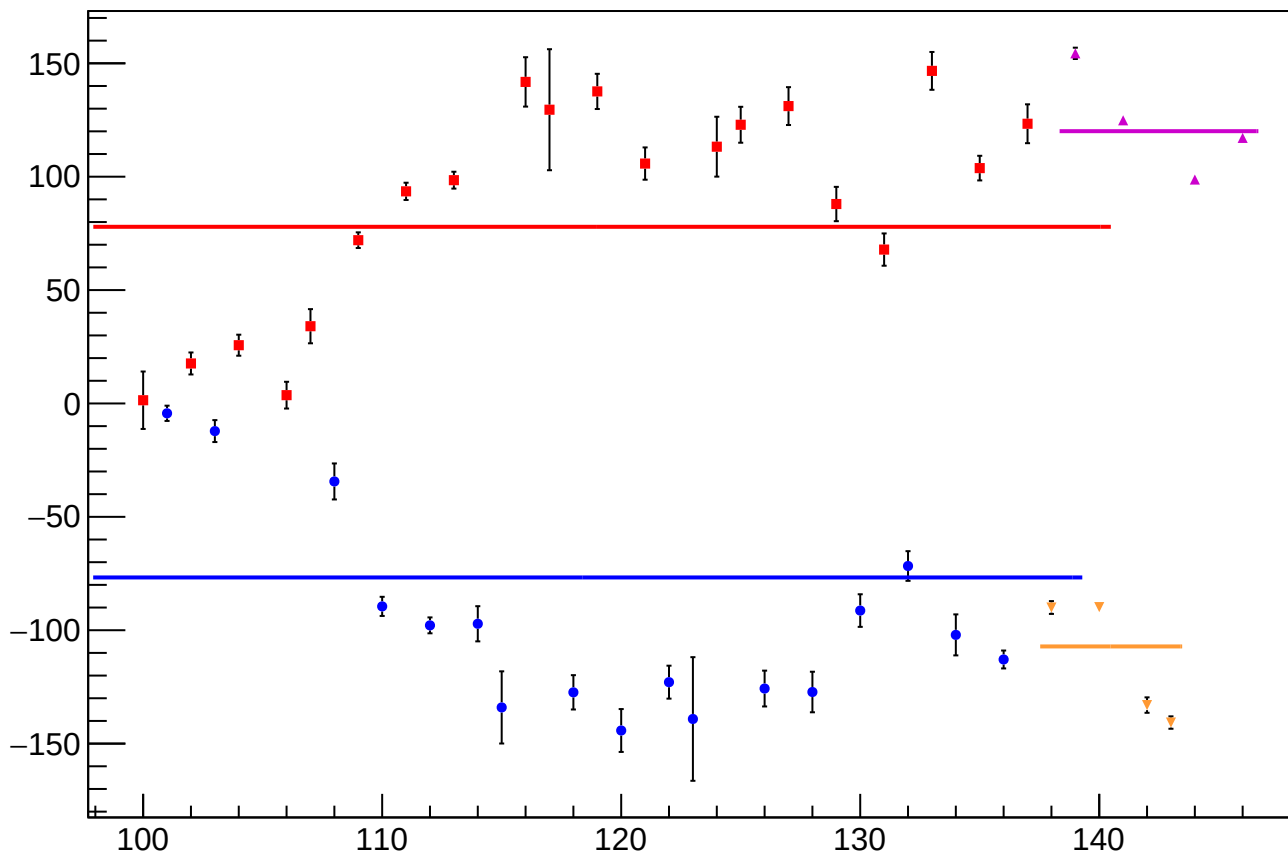
Left In: -23.509 $\pm$ 0.735 χ^2 /NDF:523.9/3

30.257 $\pm$ 0.606 χ^2 /NDF: 1273.7/20

-0.557 $\pm$ 0.405 χ^2 /NDF: 7489.8/44

-25.401 $\pm$ 0.544 χ^2 /NDF: 1549.3/23

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: -107.152 $\pm$ 1.283 χ^2/NDF : 323.7/3

Right Out: 77.905 $\pm$ 1.351 χ^2/NDF : 875.6/19

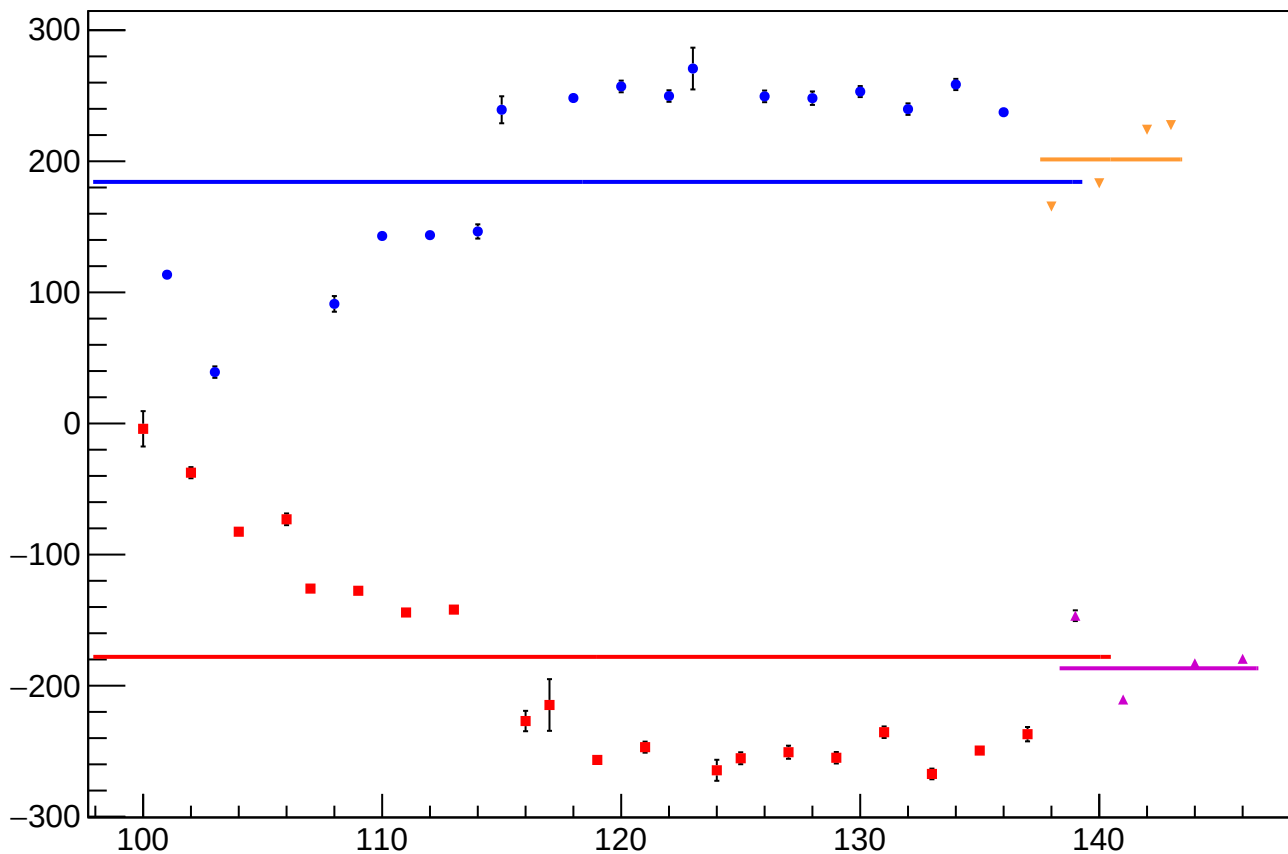
Left In: 120.072 $\pm$ 1.023 χ^2/NDF : 314.3/3

-93.394 $\pm$ 0.950 χ^2/NDF : 1620.0/20

20.607 $\pm$ 0.619 χ^2/NDF : 28468.7/44

104.694 $\pm$ 0.816 χ^2/NDF : 1809.2/23

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271 ± 0.914 $\chi^2/\text{NDF}: 5401.0/16$

Left Out: 201.416 ± 1.112 $\chi^2/\text{NDF}: 485.9/3$

Right Out: -178.011 ± 0.923 $\chi^2/\text{NDF}: 6334.4/19$

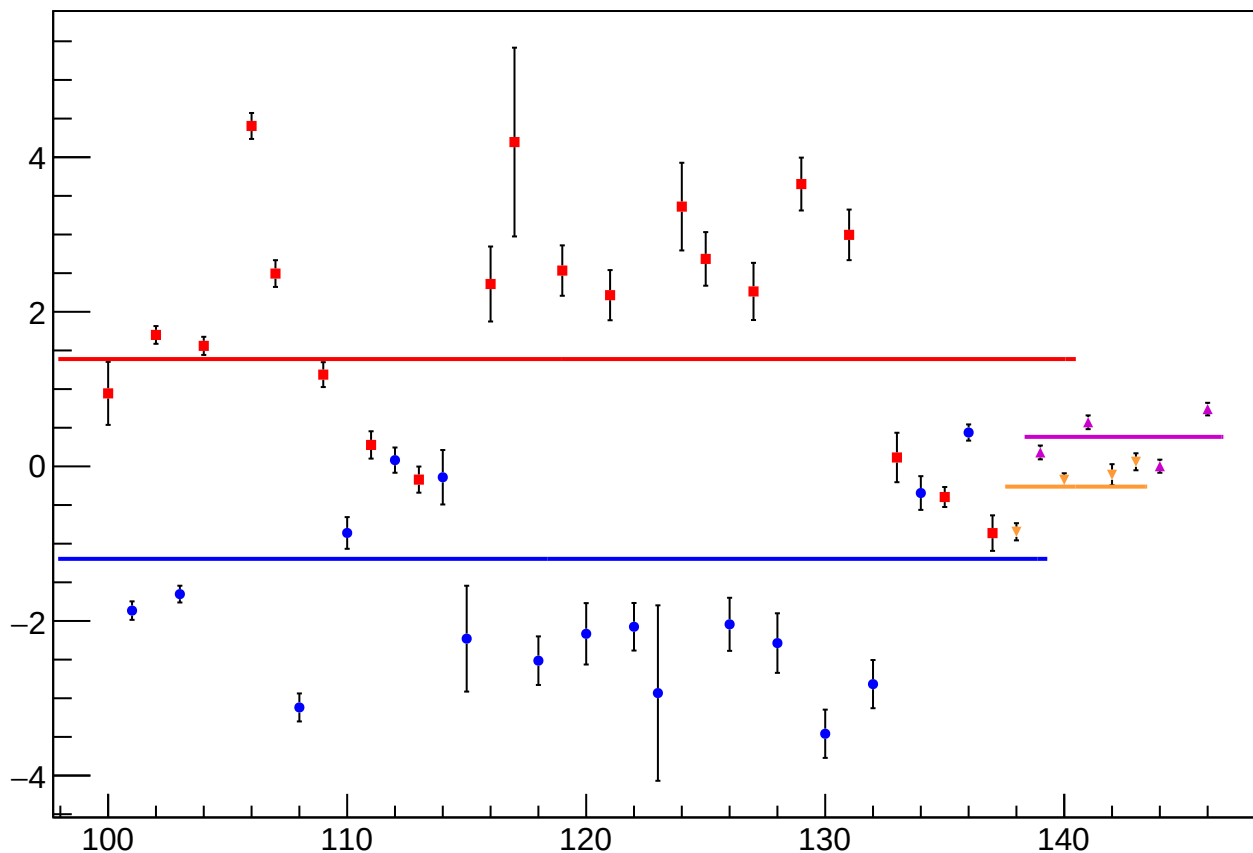
Left In: -186.736 ± 0.884 $\chi^2/\text{NDF}: 307.1/3$

191.184 ± 0.706 $\chi^2/\text{NDF}: 6028.9/20$

-14.339 ± 0.474 $\chi^2/\text{NDF}: 166900.9/44$

-182.559 ± 0.639 $\chi^2/\text{NDF}: 6688.1/23$

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.262 ± 0.053 χ^2/NDF : 38.5/3

Right Out: 1.389 ± 0.046 χ^2/NDF : 929.7/19

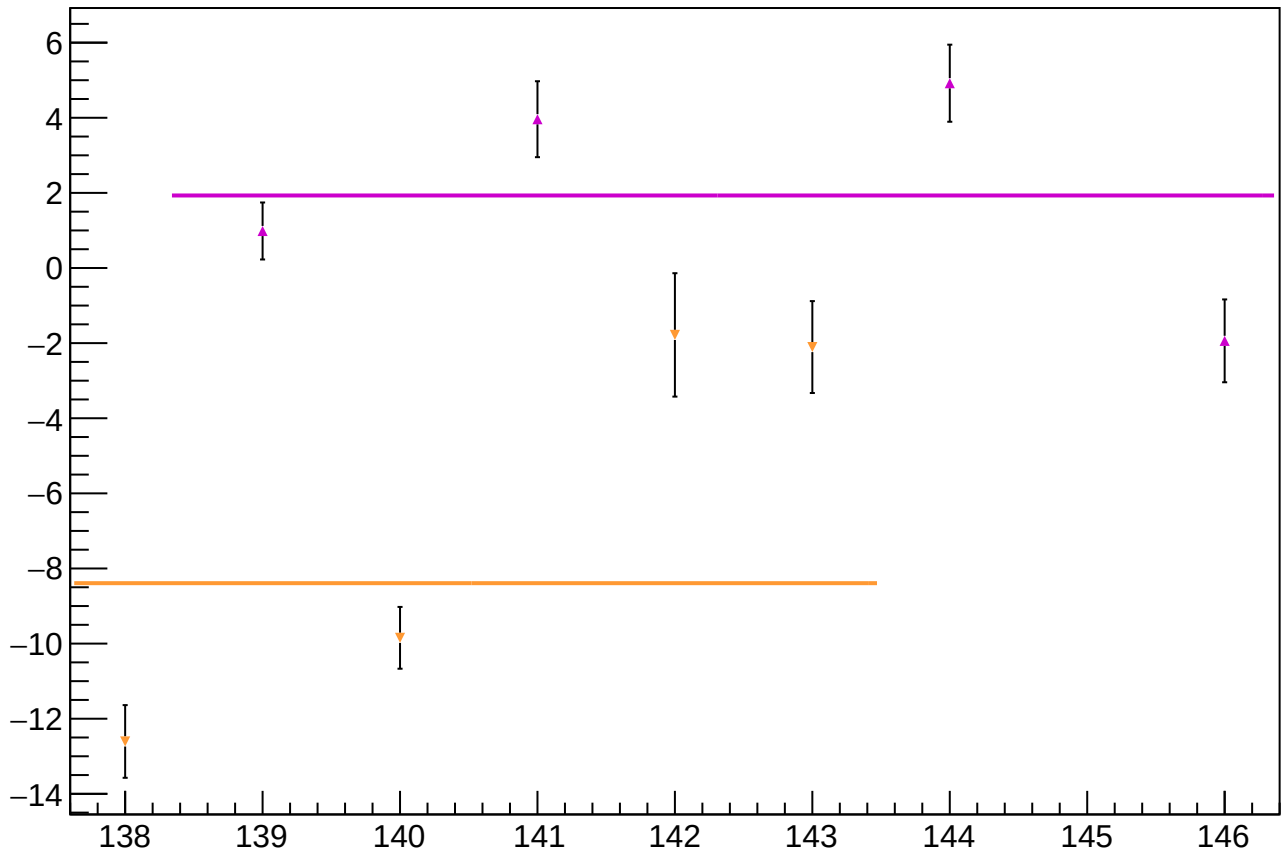
Left In: 0.382 ± 0.043 χ^2/NDF : 49.1/3

-0.774 ± 0.036 χ^2/NDF : 832.2/20

0.143 ± 0.024 χ^2/NDF : 3247.3/44

0.854 ± 0.031 χ^2/NDF : 1236.1/23

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -8.391 $\pm$ 0.528 χ^2 /NDF: 64.7/3

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

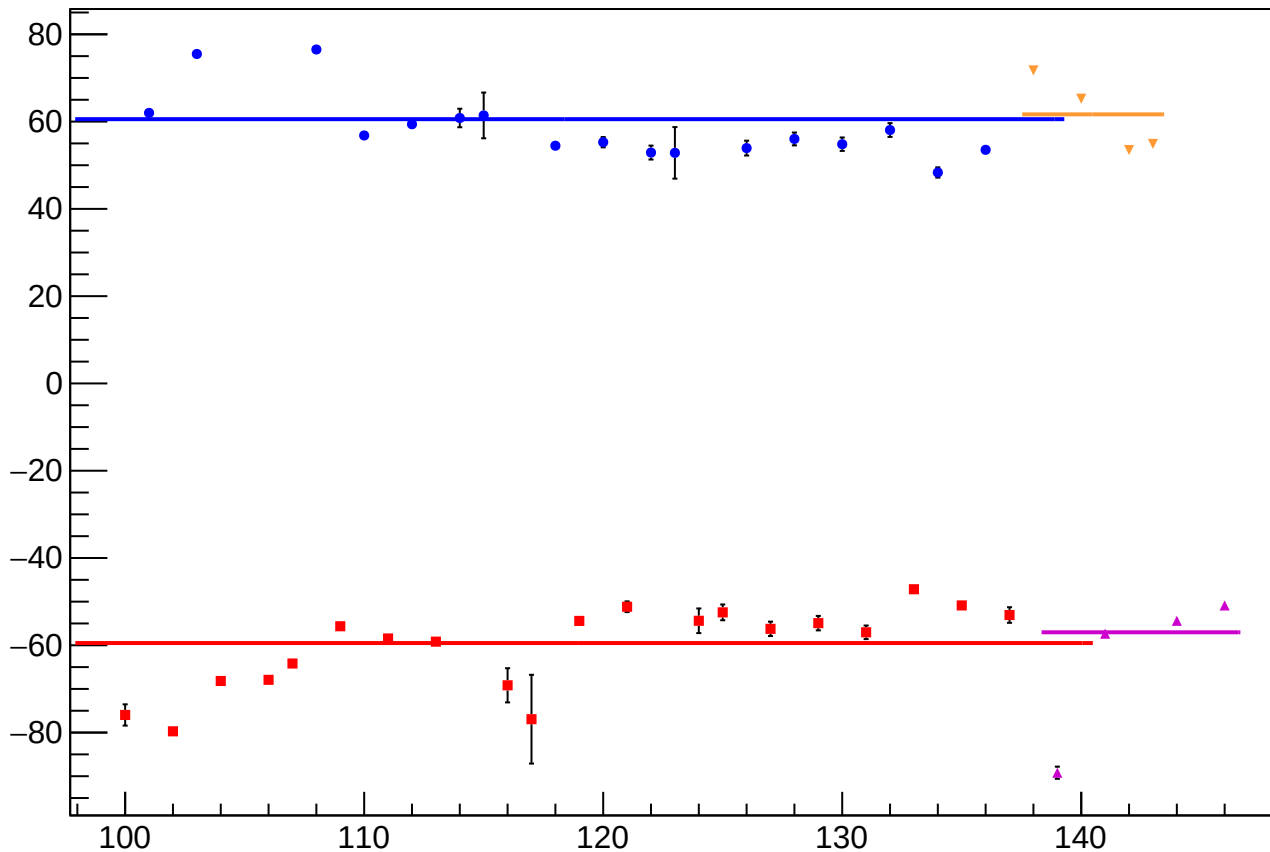
Left In: 1.931 $\pm$ 0.472 χ^2 /NDF: 26.4/3

-8.391 $\pm$ 0.528 χ^2 /NDF: 64.7/3

-2.652 $\pm$ 0.352 χ^2 /NDF: 303.4/7

1.931 $\pm$ 0.472 χ^2 /NDF: 26.4/3

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.554+/-0.262 χ^2/NDF : 930.8/16

Left Out: 61.659+/-0.432 χ^2/NDF : 245.7/3

Right Out: -59.488+/-0.248 χ^2/NDF : 1319.9/19

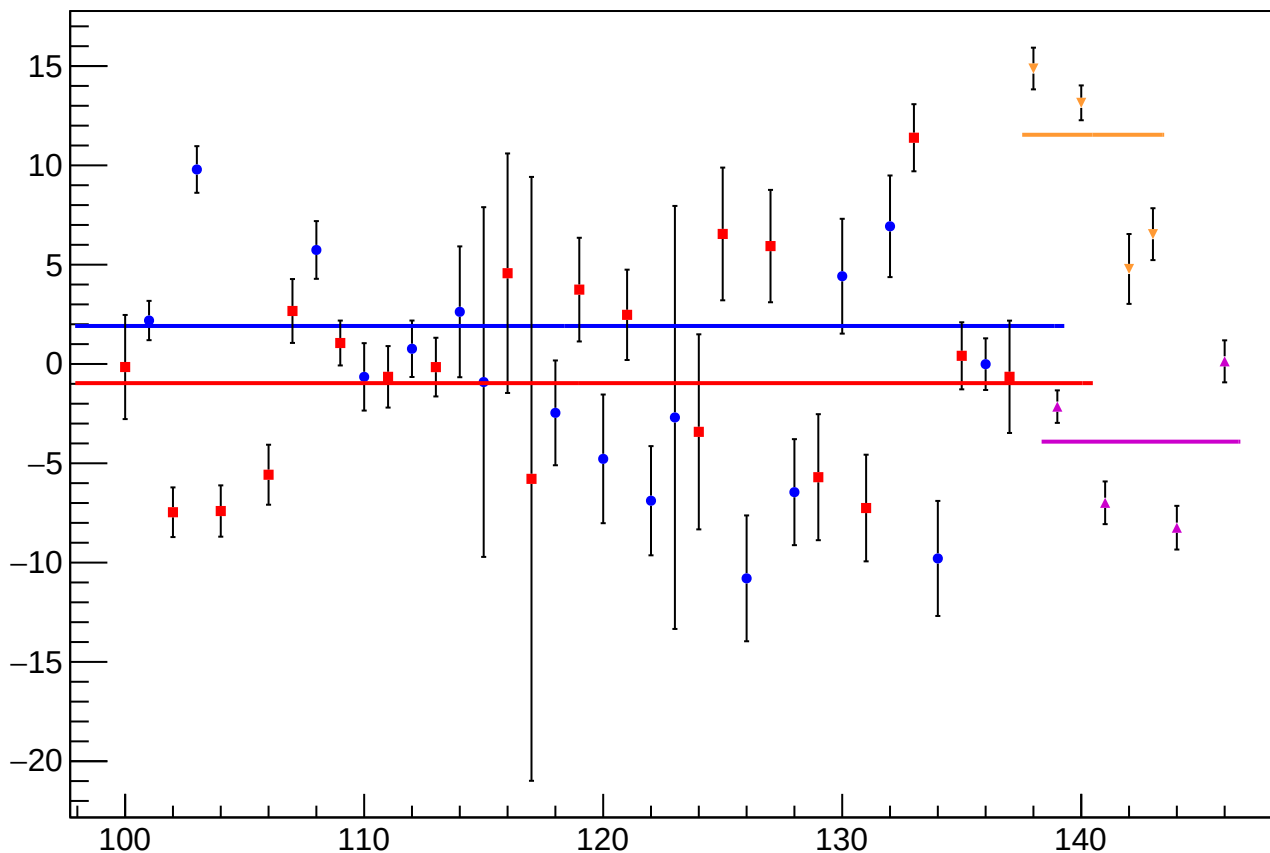
Left In: -57.024+/-0.400 χ^2/NDF : 619.6/3

60.850+/-0.224 χ^2/NDF : 1181.2/20

-2.570+/-0.153 χ^2/NDF : 154673.4/44

-58.805+/-0.211 χ^2/NDF : 1966.9/23

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 11.540 ± 0.566 χ^2/NDF : 42.9/3

Right Out: -0.964 ± 0.424 χ^2/NDF : 149.6/19

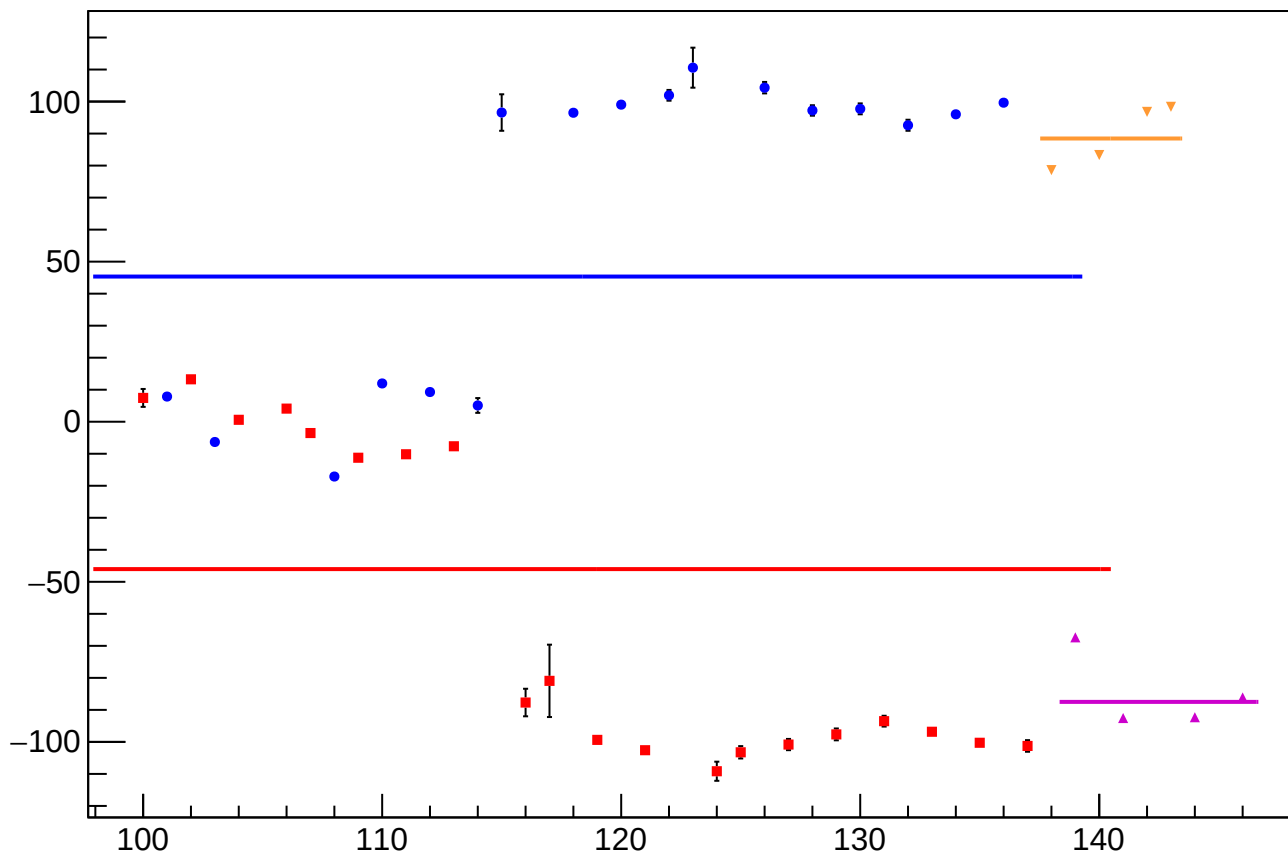
Left In: -3.910 ± 0.495 χ^2/NDF : 43.0/3

5.718 ± 0.356 χ^2/NDF : 339.3/20

1.358 ± 0.239 χ^2/NDF : 824.9/44

-2.210 ± 0.322 χ^2/NDF : 213.0/23

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.344+/-0.303 χ^2/NDF : 25071.0/16

Left Out: 88.460+/-0.513 χ^2/NDF : 248.8/3

Right Out: -46.030+/-0.289 χ^2/NDF : 28229.5/19

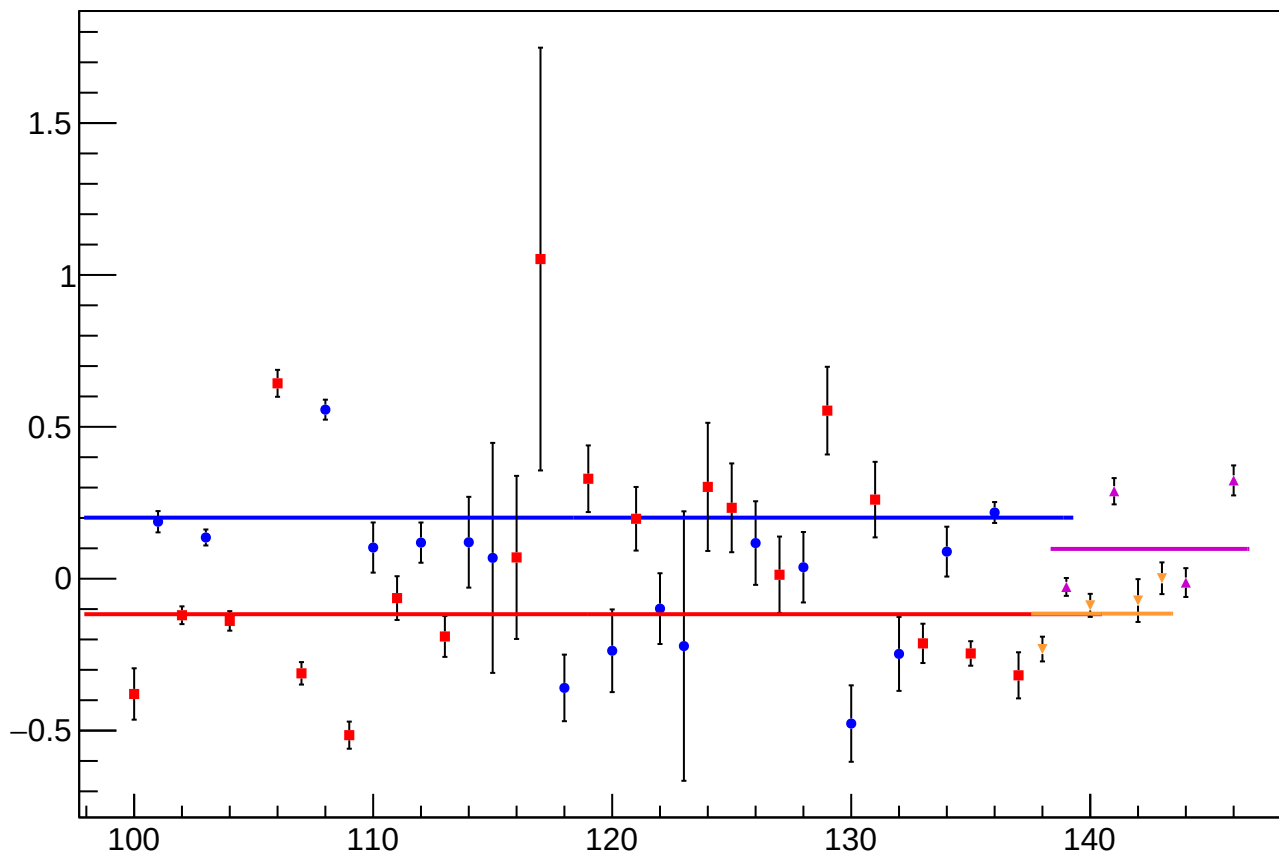
Left In: -87.502+/-0.472 χ^2/NDF : 290.4/3

56.504+/-0.261 χ^2/NDF : 30553.0/20

-3.664+/-0.179 χ^2/NDF : 165229.2/44

-57.373+/-0.247 χ^2/NDF : 34137.8/23

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.115 ± 0.023 χ^2/NDF : 14.1/3

Right Out: -0.117 ± 0.013 χ^2/NDF : 503.0/19

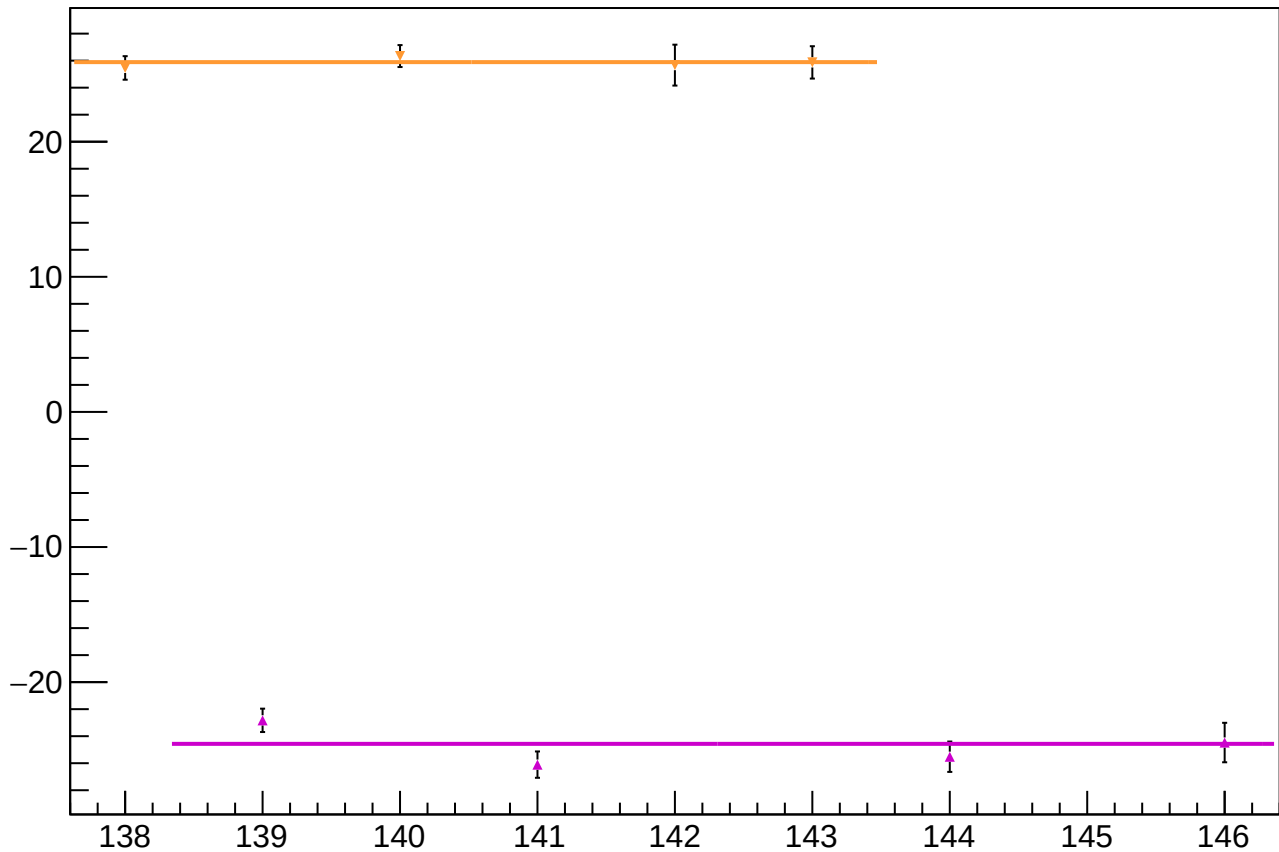
Left In: 0.098 ± 0.020 χ^2/NDF : 63.7/3

0.116 ± 0.012 χ^2/NDF : 368.2/20

0.024 ± 0.008 χ^2/NDF : 1124.7/44

-0.052 ± 0.011 χ^2/NDF : 648.8/23

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 25.891 $\pm$ 0.502 χ^2 /NDF: 0.6/3

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

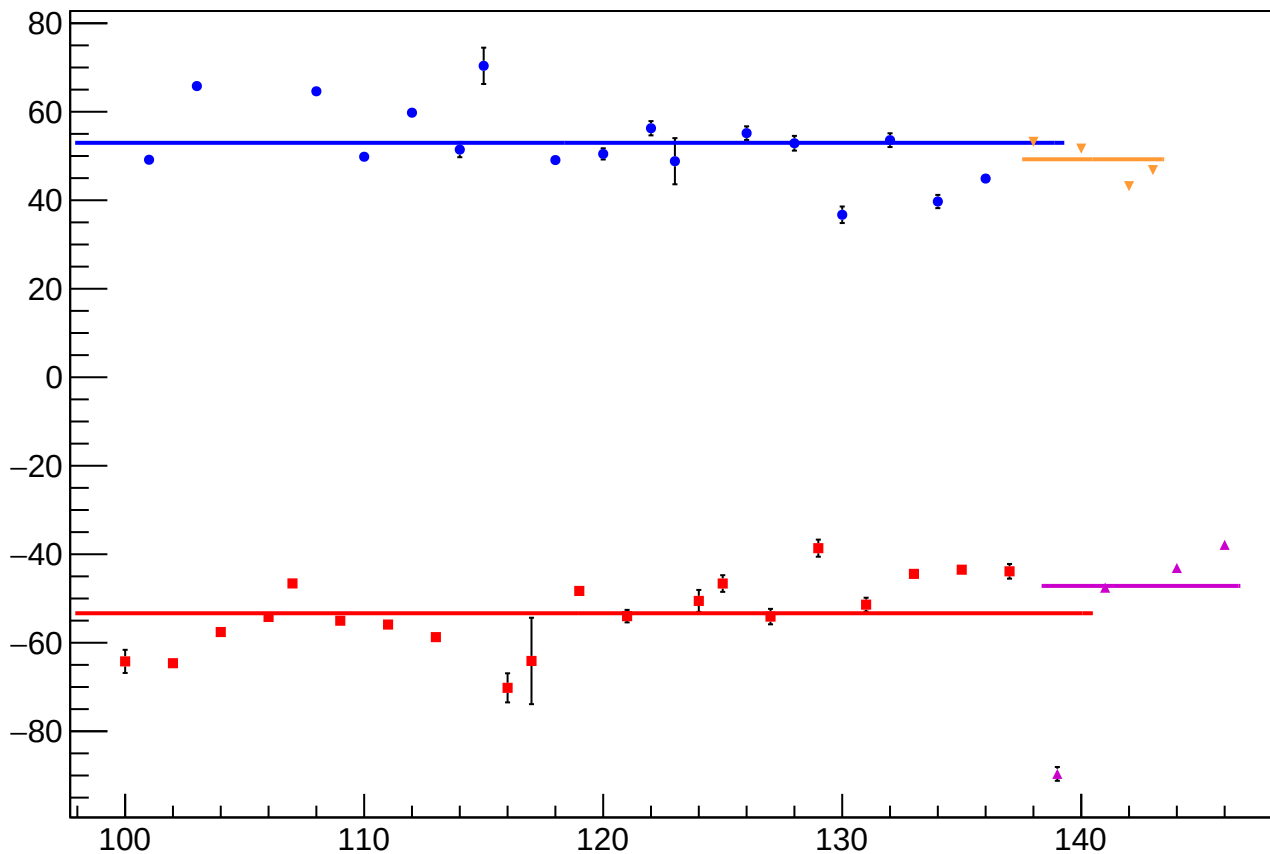
Left In: -24.568 $\pm$ 0.523 χ^2 /NDF: 7.3/3

25.891 $\pm$ 0.502 χ^2 /NDF: 0.6/3

1.717 $\pm$ 0.362 χ^2 /NDF: 4847.8/7

-24.568 $\pm$ 0.523 χ^2 /NDF: 7.3/3

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981 ± 0.210 $\chi^2/\text{NDF}: 1197.8/16$

Left Out: 49.260 ± 0.408 $\chi^2/\text{NDF}: 81.0/3$

Right Out: -53.333 ± 0.227 $\chi^2/\text{NDF}: 873.9/19$

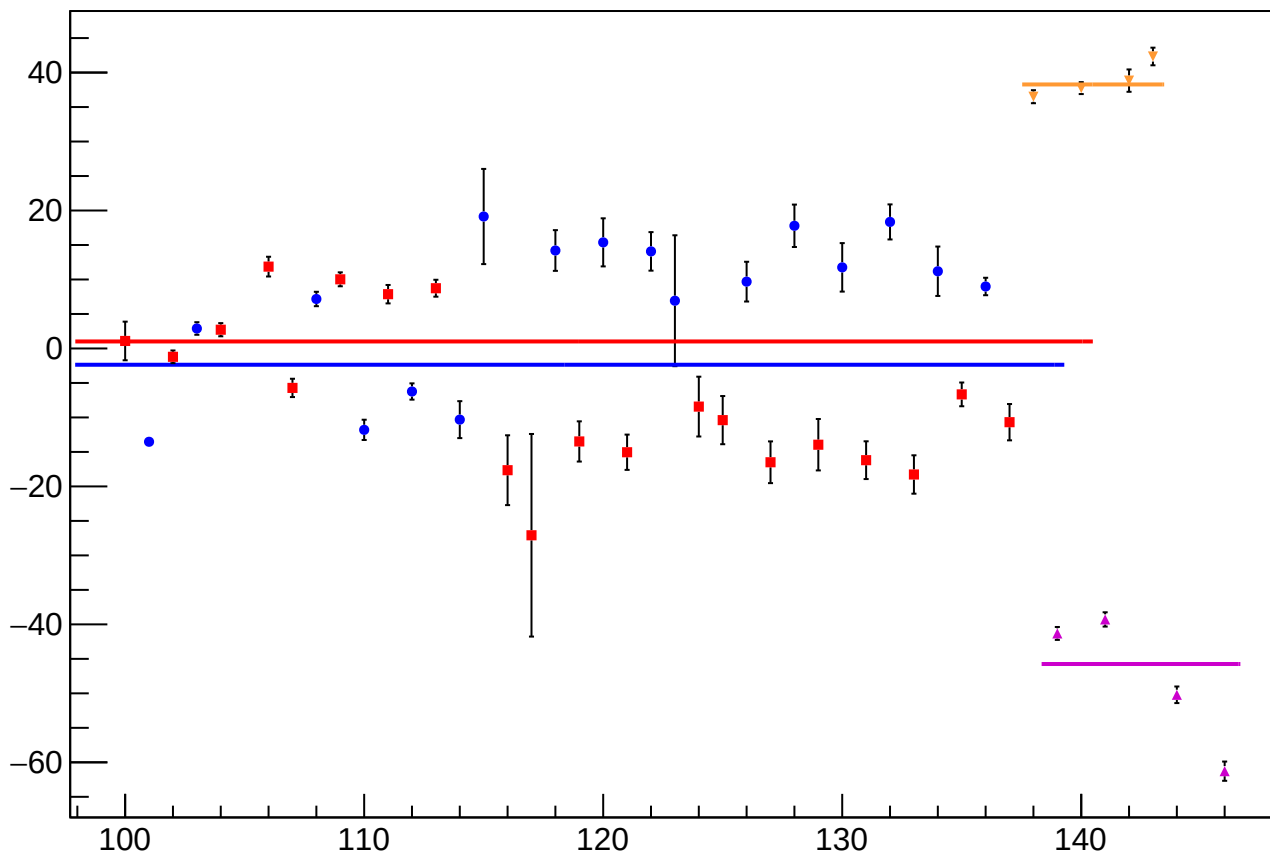
Left In: -47.153 ± 0.434 $\chi^2/\text{NDF}: 874.9/3$

52.202 ± 0.187 $\chi^2/\text{NDF}: 1344.4/20$

3.870 ± 0.137 $\chi^2/\text{NDF}: 147510.6/44$

-52.011 ± 0.201 $\chi^2/\text{NDF}: 1908.0/23$

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 38.275 ± 0.538 χ^2/NDF : 14.1/3

Right Out: 1.016 ± 0.377 χ^2/NDF : 511.4/19

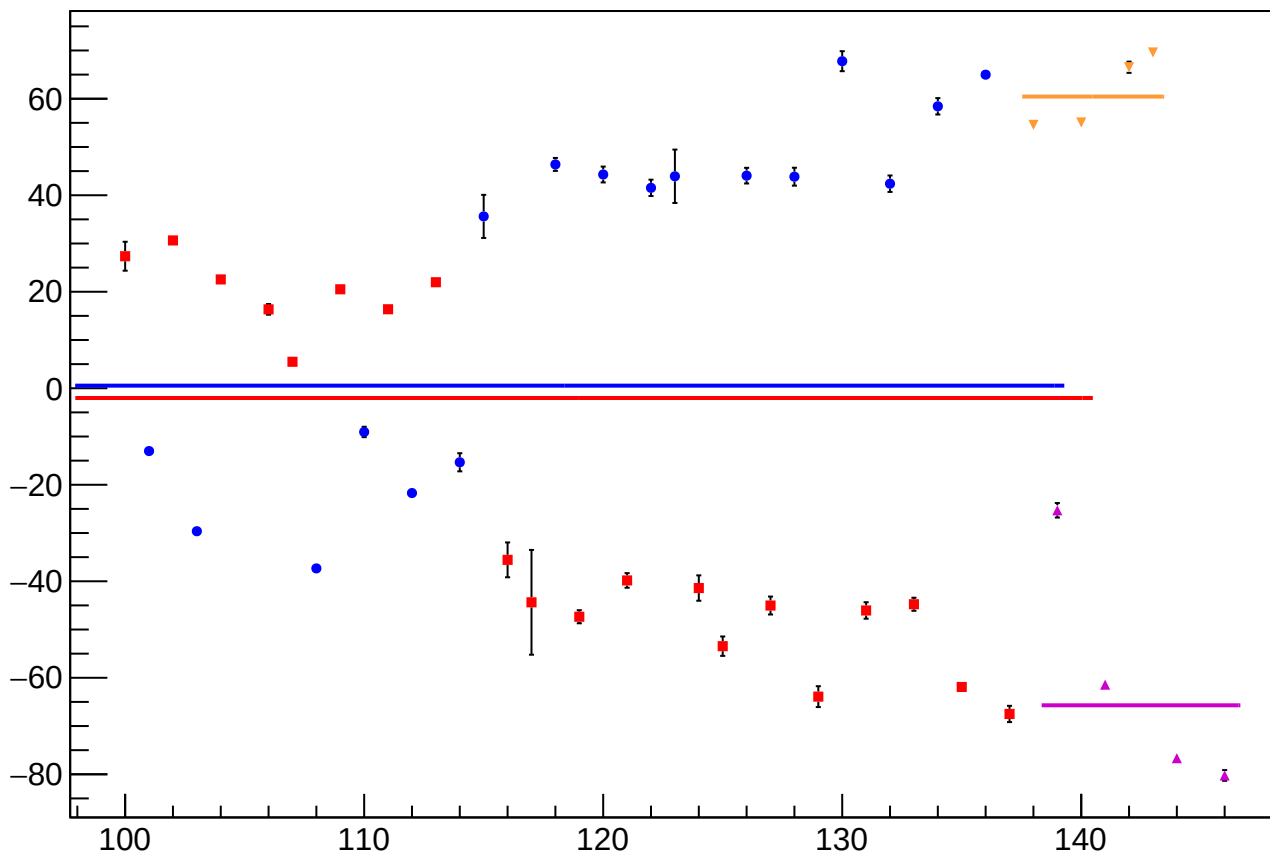
Left In: -45.746 ± 0.552 χ^2/NDF : 199.0/3

10.378 ± 0.301 χ^2/NDF : 4765.7/20

-1.339 ± 0.217 χ^2/NDF : 13488.0/44

-13.831 ± 0.311 χ^2/NDF : 5601.0/23

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541 ± 0.247 $\chi^2/\text{NDF}: 18423.8/16$

Left Out: 60.445 ± 0.485 $\chi^2/\text{NDF}: 189.3/3$

Right Out: -2.015 ± 0.266 $\chi^2/\text{NDF}: 15491.9/19$

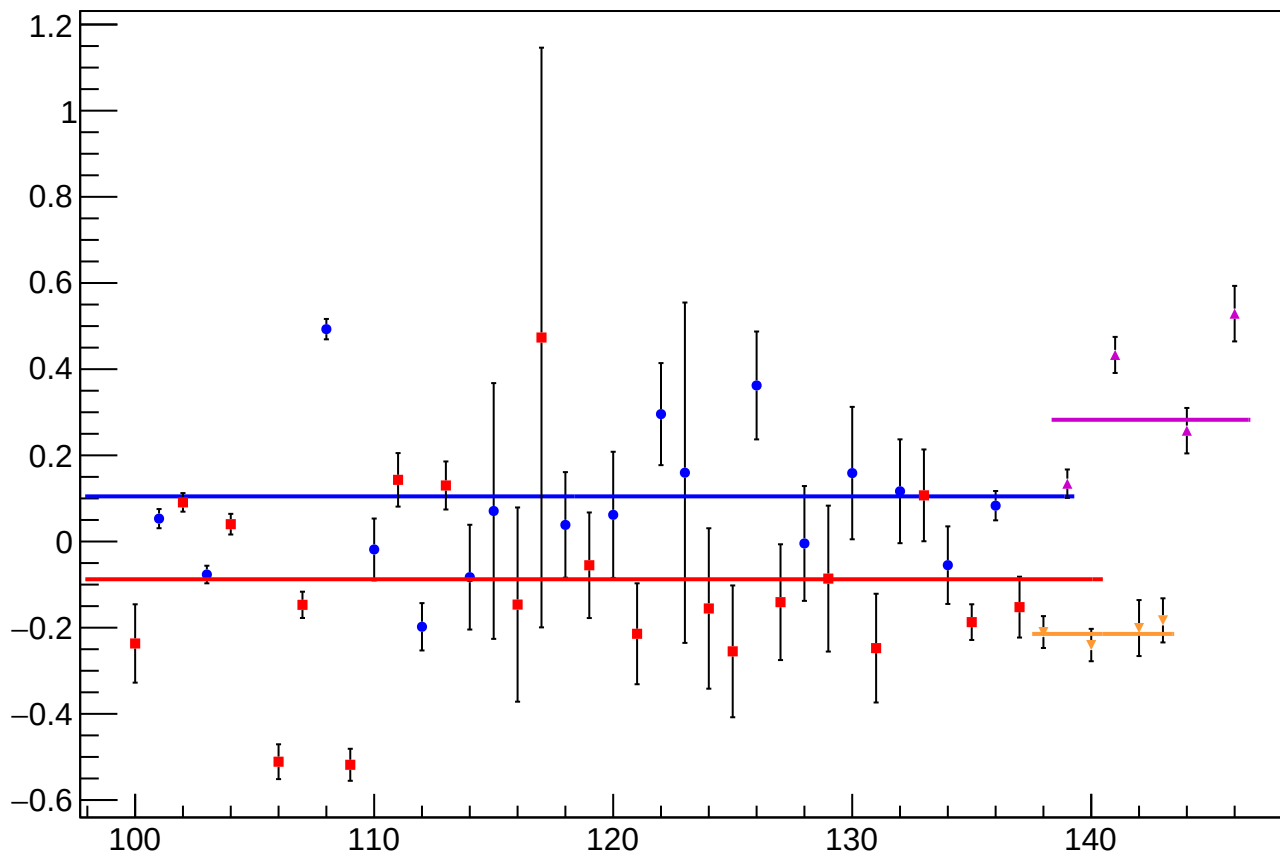
Left In: -65.703 ± 0.514 $\chi^2/\text{NDF}: 1051.3/3$

12.839 ± 0.220 $\chi^2/\text{NDF}: 30716.9/20$

-0.296 ± 0.161 $\chi^2/\text{NDF}: 67047.6/44$

-15.495 ± 0.237 $\chi^2/\text{NDF}: 28636.3/23$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 $\pm$ 0.011 χ^2 /NDF: 400.7/16

Left Out: -0.214 $\pm$ 0.022 χ^2 /NDF: 0.9/3

Right Out: -0.088 $\pm$ 0.011 χ^2 /NDF: 391.7/19

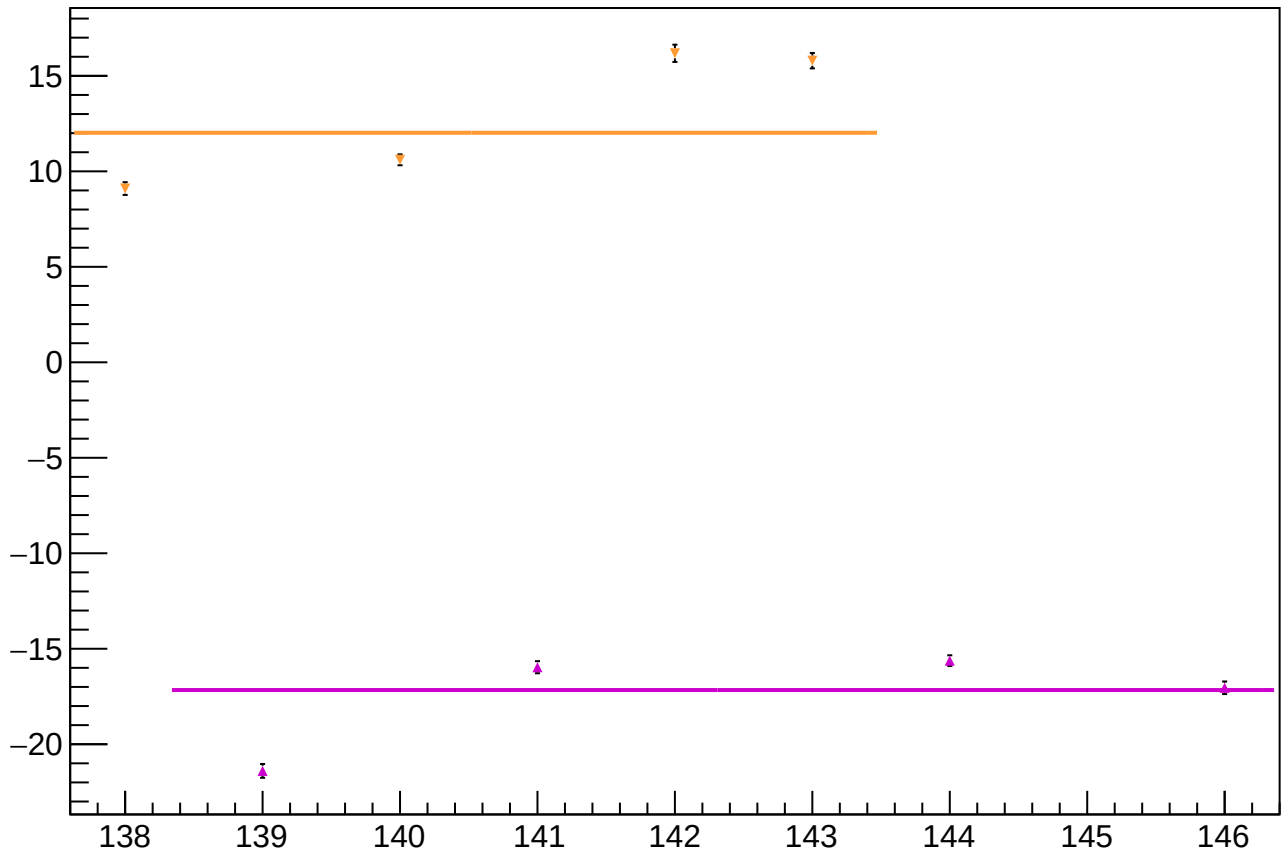
Left In: 0.283 $\pm$ 0.022 χ^2 /NDF: 48.0/3

0.041 $\pm$ 0.010 χ^2 /NDF: 569.2/20

0.014 $\pm$ 0.007 χ^2 /NDF: 1252.3/44

-0.013 $\pm$ 0.010 χ^2 /NDF: 668.1/23

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 12.020+/-0.176 χ^2/NDF : 272.8/3

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

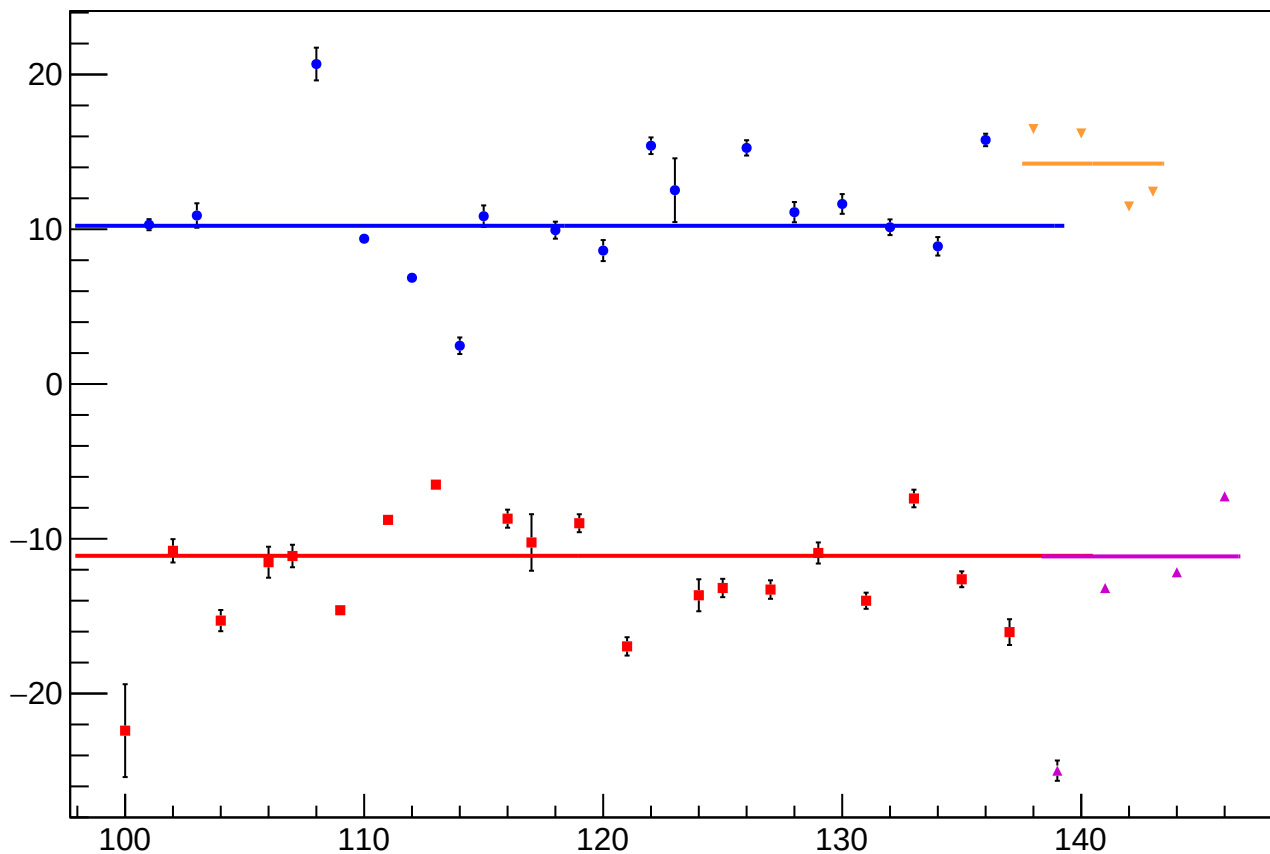
Left In: -17.162+/-0.160 χ^2/NDF : 180.8/3

12.020+/-0.176 χ^2/NDF : 272.8/3

-4.011+/-0.118 χ^2/NDF : 15534.4/7

-17.162+/-0.160 χ^2/NDF : 180.8/3

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 ± 0.119 χ^2/NDF : 877.6/16

Left Out: 14.242 ± 0.136 χ^2/NDF : 256.7/3

Right Out: -11.101 ± 0.116 χ^2/NDF : 817.4/19

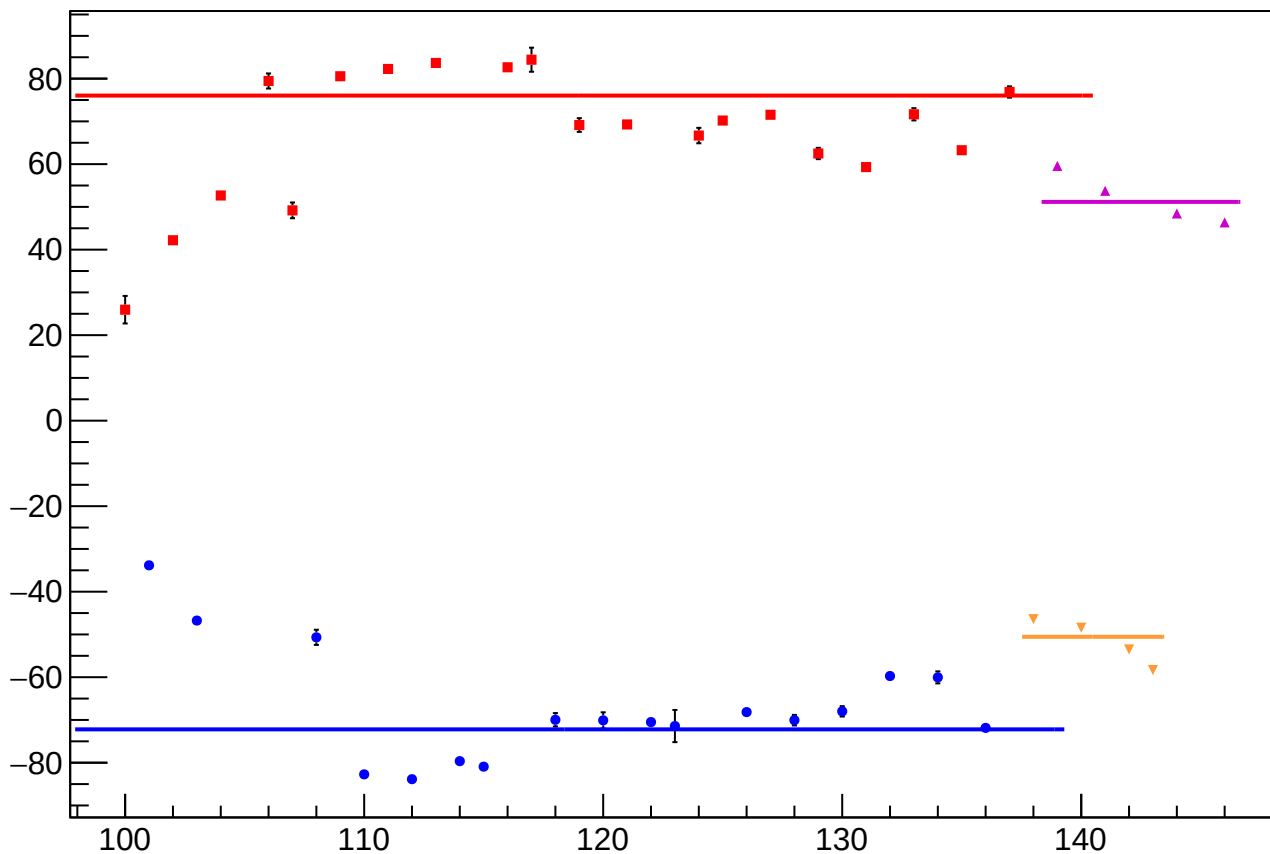
Left In: -11.139 ± 0.118 χ^2/NDF : 933.7/3

11.959 ± 0.090 χ^2/NDF : 1627.3/20

-0.507 ± 0.061 χ^2/NDF : 39186.5/44

-11.120 ± 0.083 χ^2/NDF : 1751.2/23

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201±/0.198 χ^2/NDF : 5566.9/16

Left Out: -50.551±/0.189 χ^2/NDF : 542.0/3

Right Out: 76.037±/0.181 χ^2/NDF : 3474.4/19

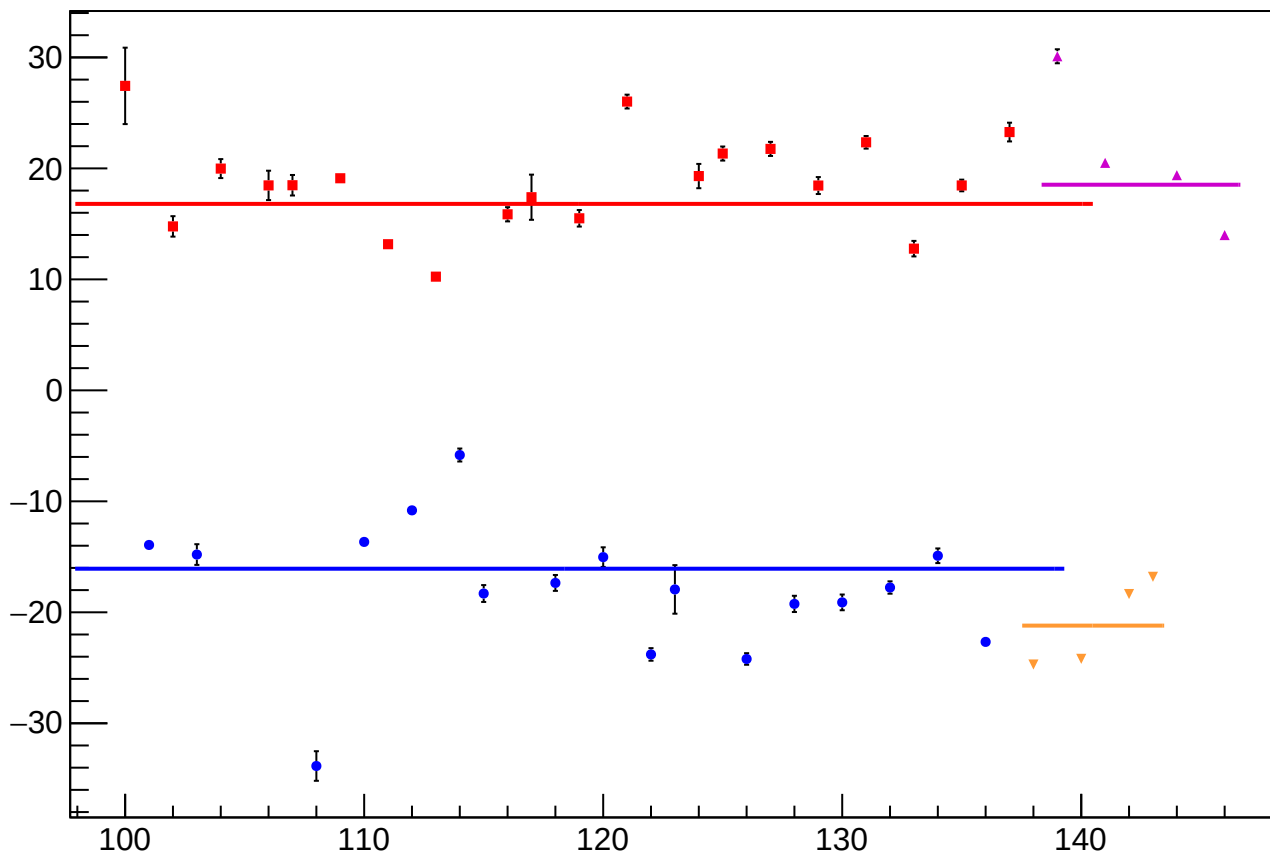
Left In: 51.169±/0.166 χ^2/NDF : 829.8/3

-60.871±/0.136 χ^2/NDF : 12385.2/20

7.615±/0.091 χ^2/NDF : 480774.9/44

62.572±/0.122 χ^2/NDF : 14575.2/23

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: -21.199 ± 0.164 $\chi^2/\text{NDF}: 445.2/3$

Right Out: 16.801 ± 0.128 $\chi^2/\text{NDF}: 1215.8/19$

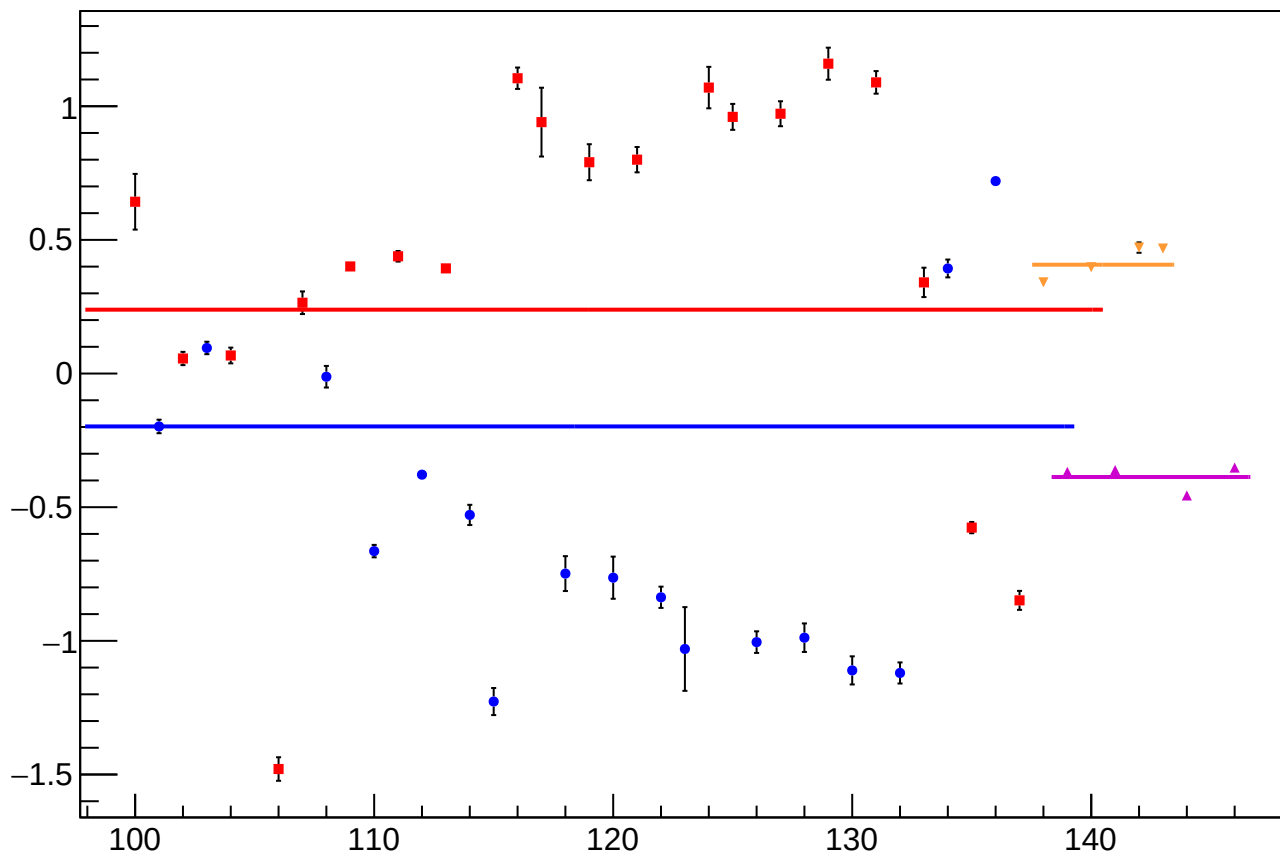
Left In: 18.528 ± 0.142 $\chi^2/\text{NDF}: 722.6/3$

-18.096 ± 0.103 $\chi^2/\text{NDF}: 2680.5/20$

1.109 ± 0.070 $\chi^2/\text{NDF}: 69533.1/44$

17.572 ± 0.095 $\chi^2/\text{NDF}: 2019.9/23$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.198±/0.008 χ^2/NDF : 6338.8/16

Left Out: 0.407±/0.008 χ^2/NDF : 44.5/3

Right Out: 0.239±/0.007 χ^2/NDF : 6251.7/19

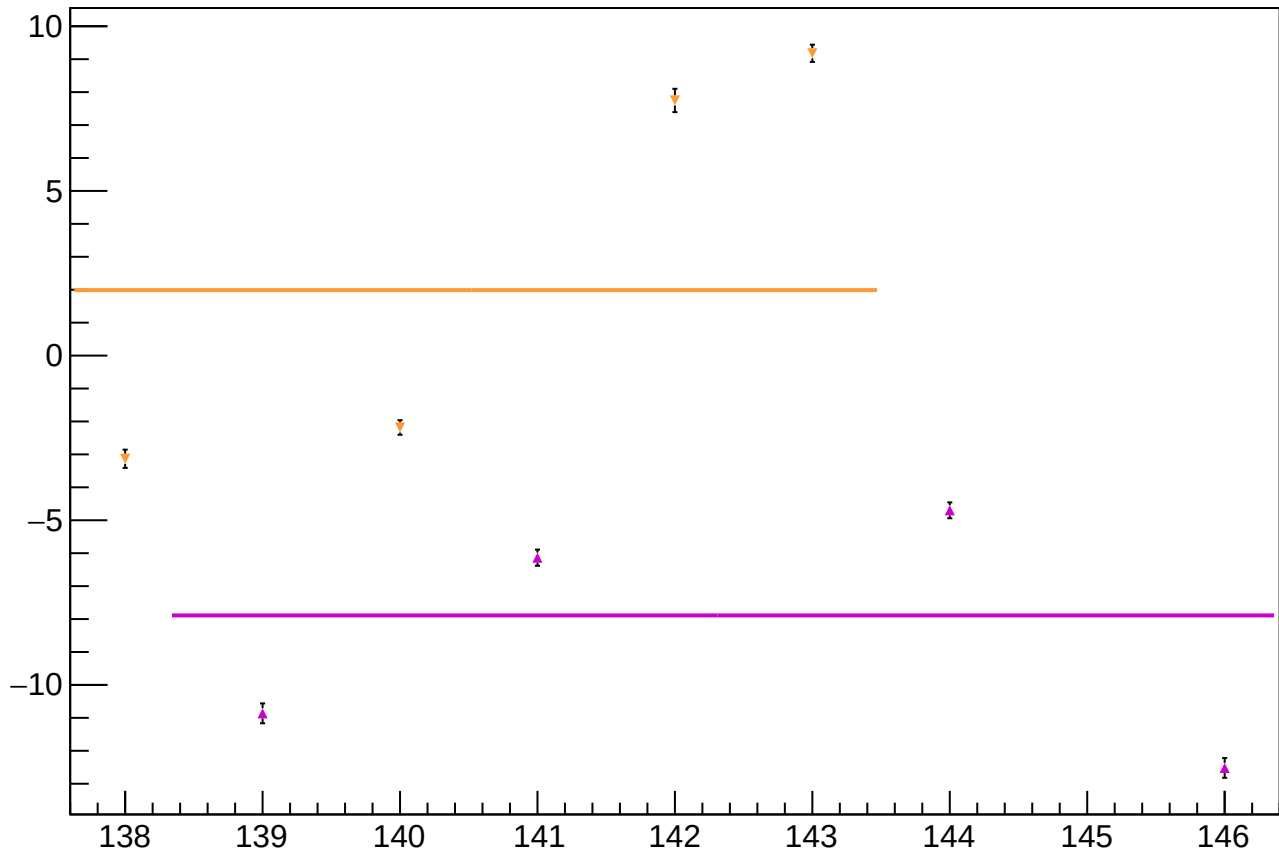
Left In: -0.387±/0.007 χ^2/NDF : 39.0/3

0.095±/0.005 χ^2/NDF : 9498.5/20

-0.003±/0.004 χ^2/NDF : 20354.2/44

-0.086±/0.005 χ^2/NDF : 10254.5/23

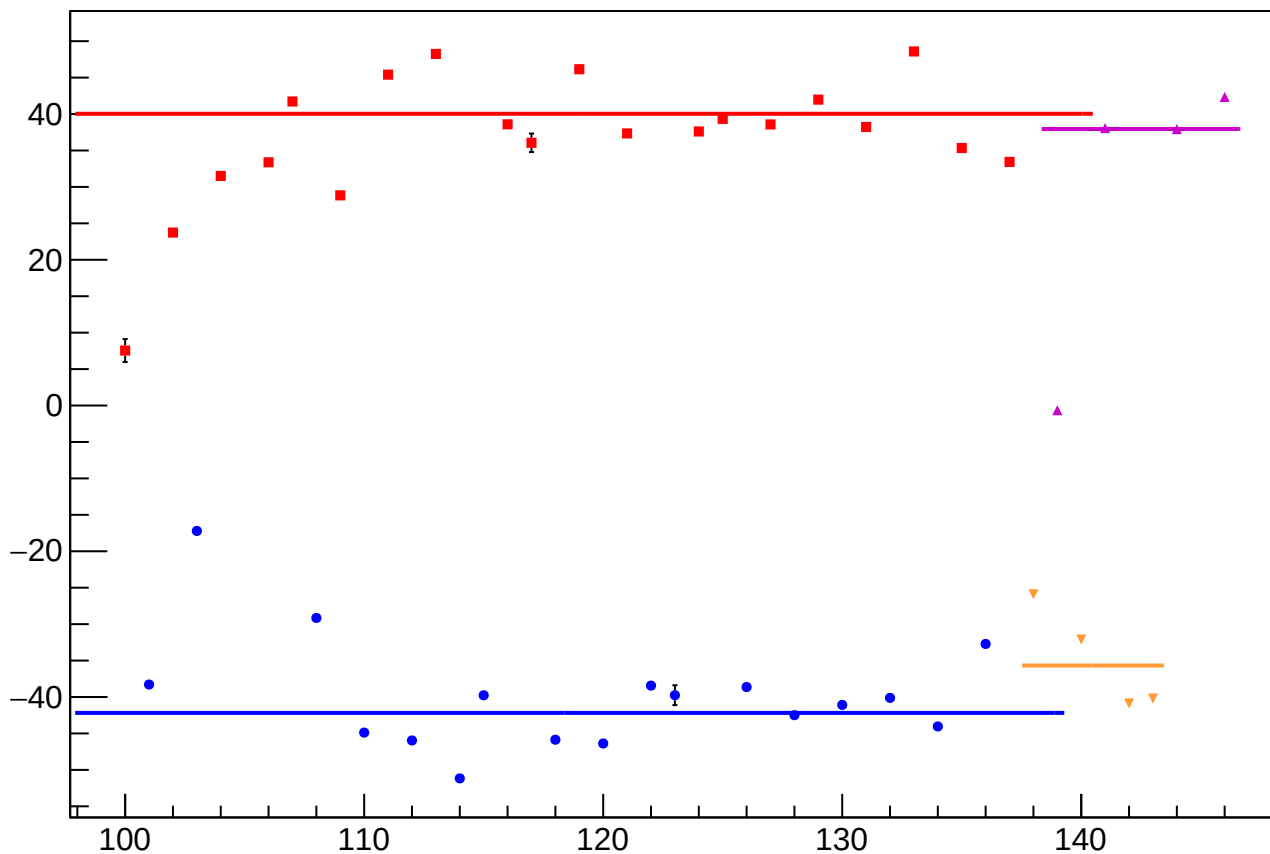
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.988+/-0.134 χ^2/NDF :1708.3/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.889+/-0.134 χ^2/NDF :562.6/3

1.988+/-0.134 χ^2/NDF : 1708.3/3
 -2.961+/-0.095 χ^2/NDF : 4992.5/7
 -7.889+/-0.134 χ^2/NDF : 562.6/3

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF : 6573.8/16

Left Out: -35.678+/-0.103 χ^2/NDF : 2882.1/3

Right Out: 40.039+/-0.073 χ^2/NDF : 11323.4/19

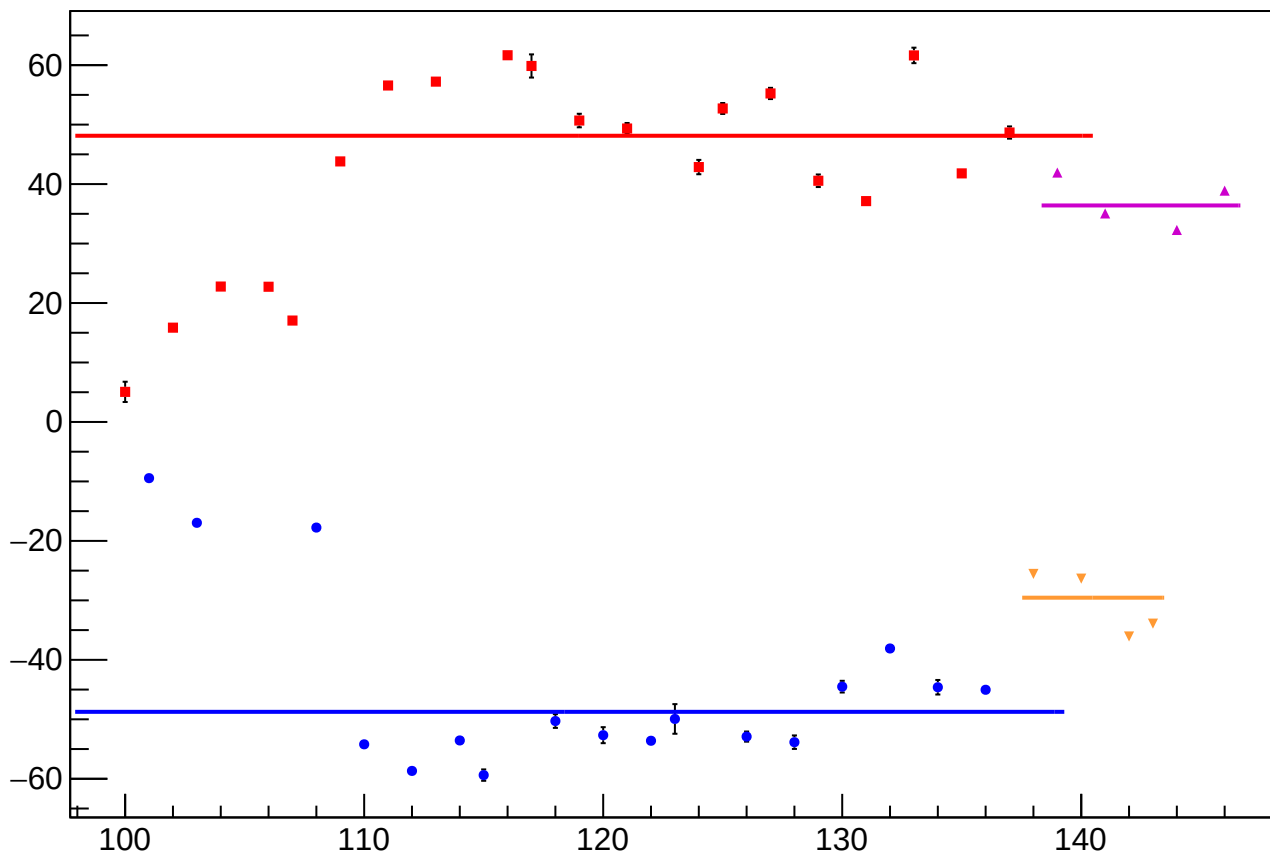
Left In: 37.947+/-0.101 χ^2/NDF : 5577.7/3

-39.806+/-0.062 χ^2/NDF : 12006.8/20

1.770+/-0.043 χ^2/NDF : 885904.7/44

39.321+/-0.059 χ^2/NDF : 17185.5/23

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -29.549 ± 0.143 $\chi^2/\text{NDF}: 898.6/3$

Right Out: 48.126 ± 0.107 $\chi^2/\text{NDF}: 11767.8/19$

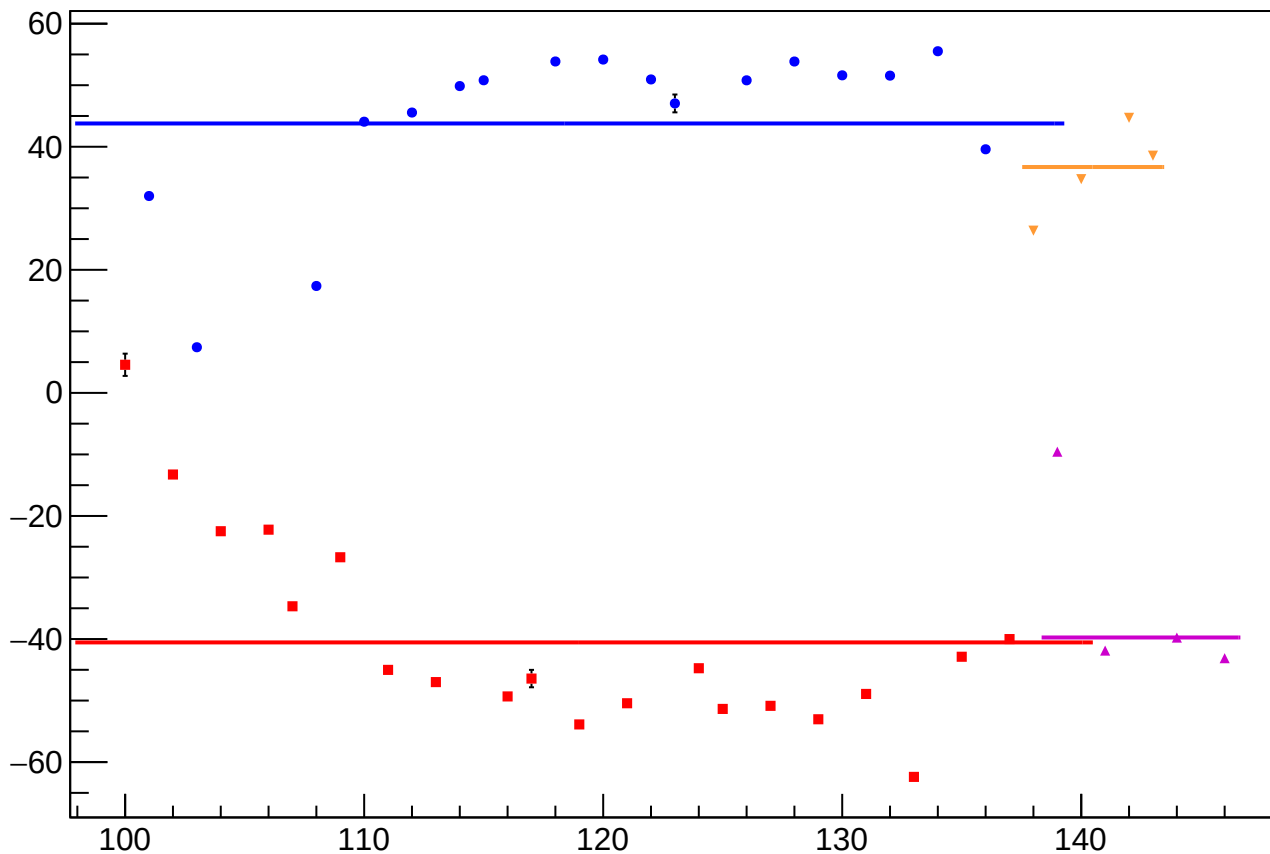
Left In: 36.406 ± 0.140 $\chi^2/\text{NDF}: 644.2/3$

-40.505 ± 0.094 $\chi^2/\text{NDF}: 25770.4/20$

5.873 ± 0.063 $\chi^2/\text{NDF}: 485027.4/44$

43.795 ± 0.085 $\chi^2/\text{NDF}: 16841.4/23$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.782±/0.087 χ^2/NDF : 10638.7/16

Left Out: 36.705±/0.123 χ^2/NDF : 2132.9/3

Right Out: -40.549±/0.080 χ^2/NDF : 17598.0/19

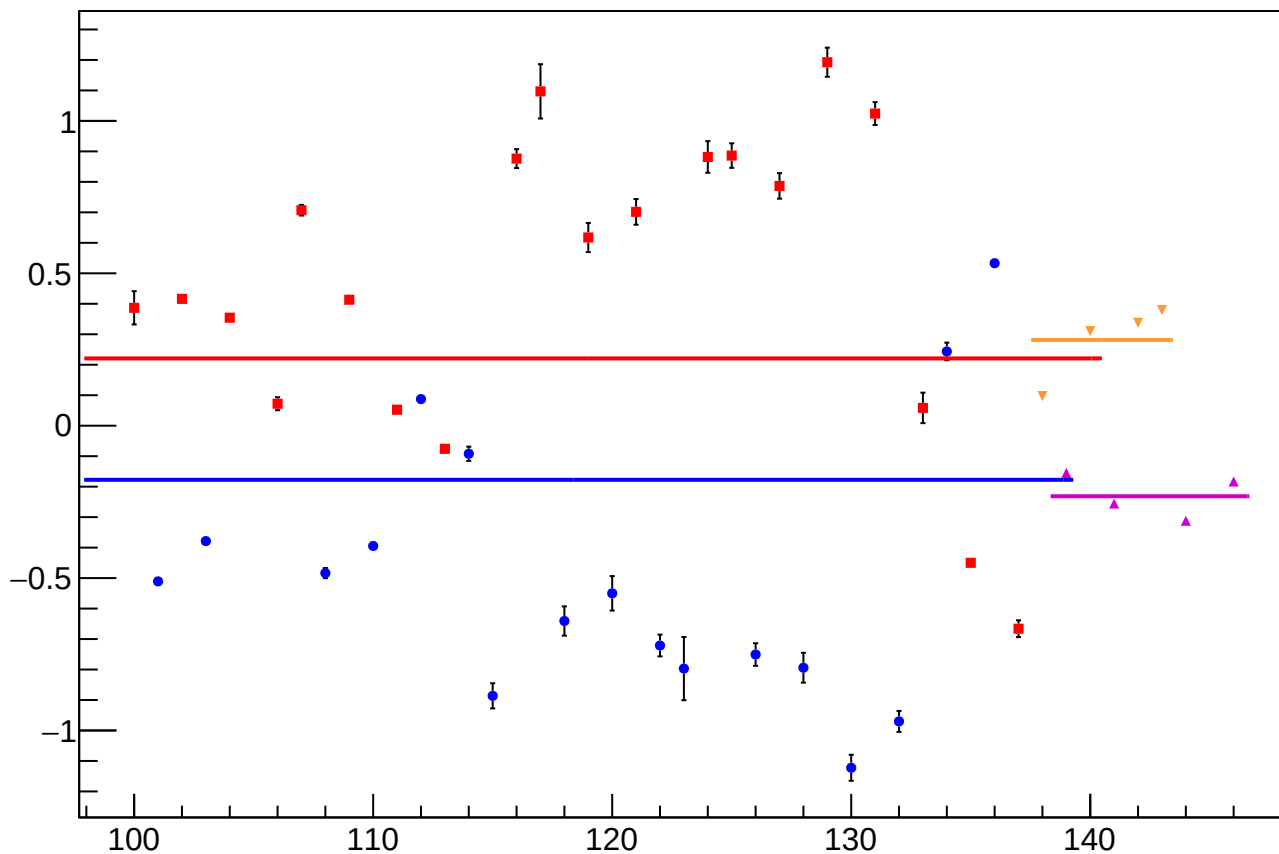
Left In: -39.747±/0.121 χ^2/NDF : 3625.4/3

41.433±/0.071 χ^2/NDF : 14986.6/20

-1.871±/0.049 χ^2/NDF : 742250.6/44

-40.304±/0.067 χ^2/NDF : 21254.0/23

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 $\chi^2/\text{NDF}: 7375.8/16$

Left Out: 0.281 ± 0.006 $\chi^2/\text{NDF}: 335.1/3$

Right Out: 0.221 ± 0.004 $\chi^2/\text{NDF}: 7566.8/19$

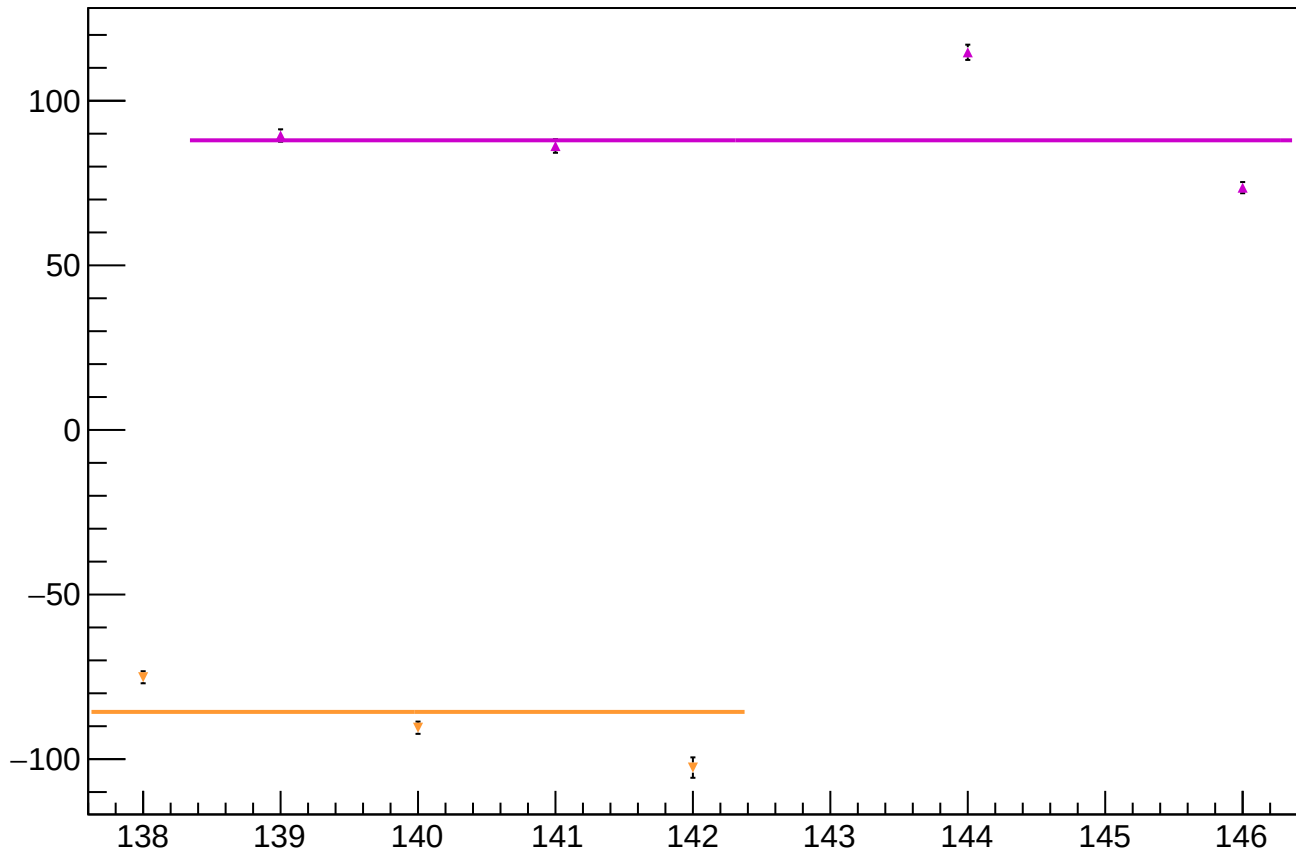
Left In: -0.231 ± 0.006 $\chi^2/\text{NDF}: 113.5/3$

0.007 ± 0.004 $\chi^2/\text{NDF}: 11324.1/20$

0.035 ± 0.003 $\chi^2/\text{NDF}: 23063.6/44$

0.060 ± 0.003 $\chi^2/\text{NDF}: 11630.0/23$

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -85.651+/-1.203 χ^2/NDF : 69.4/2

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

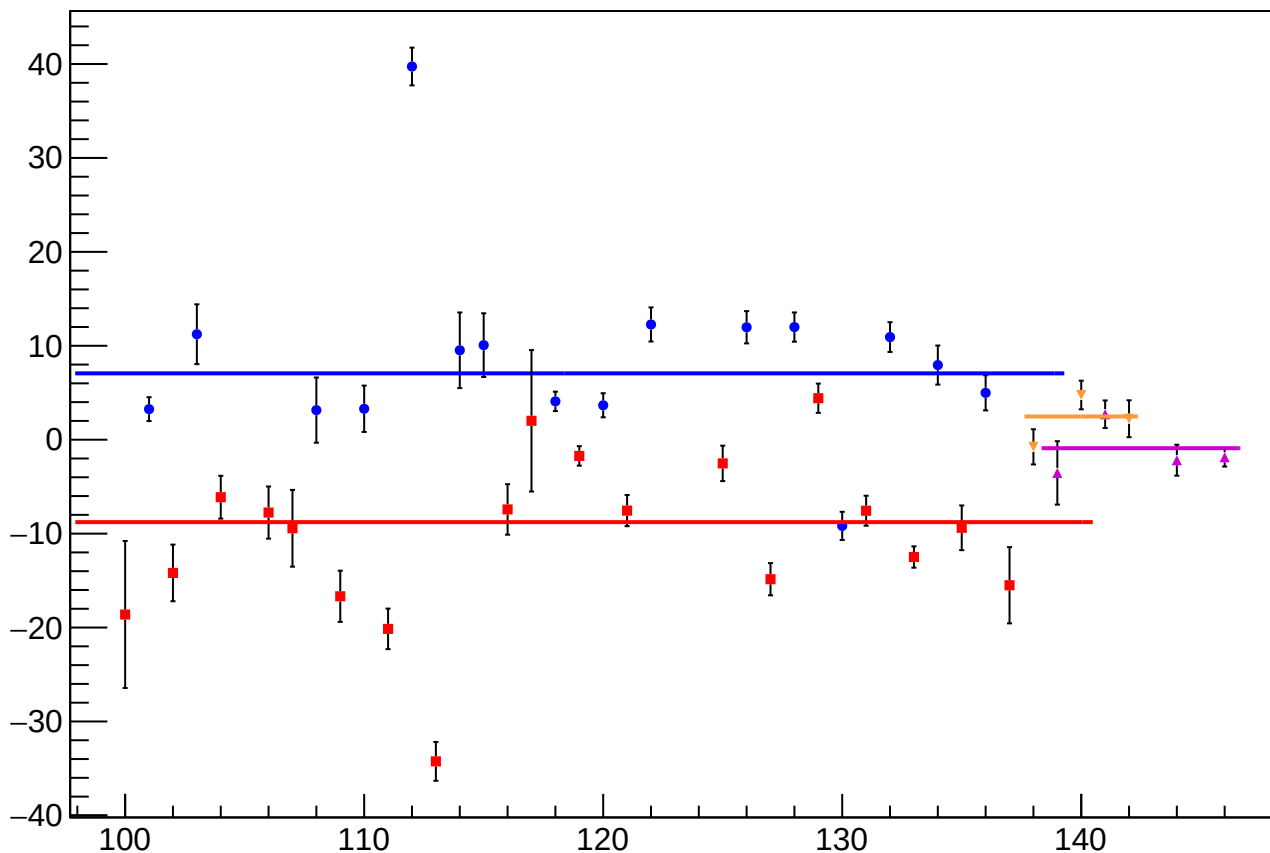
Left In: 87.986+/-0.975 χ^2/NDF : 206.0/3

-85.651+/-1.203 χ^2/NDF : 69.4/2

19.144+/-0.758 χ^2/NDF : 12843.0/6

87.986+/-0.975 χ^2/NDF : 206.0/3

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063 ± 0.434 χ^2/NDF : 446.9/15

Left Out: 2.474 ± 1.014 χ^2/NDF : 5.2/2

Right Out: -8.777 ± 0.448 χ^2/NDF : 352.4/18

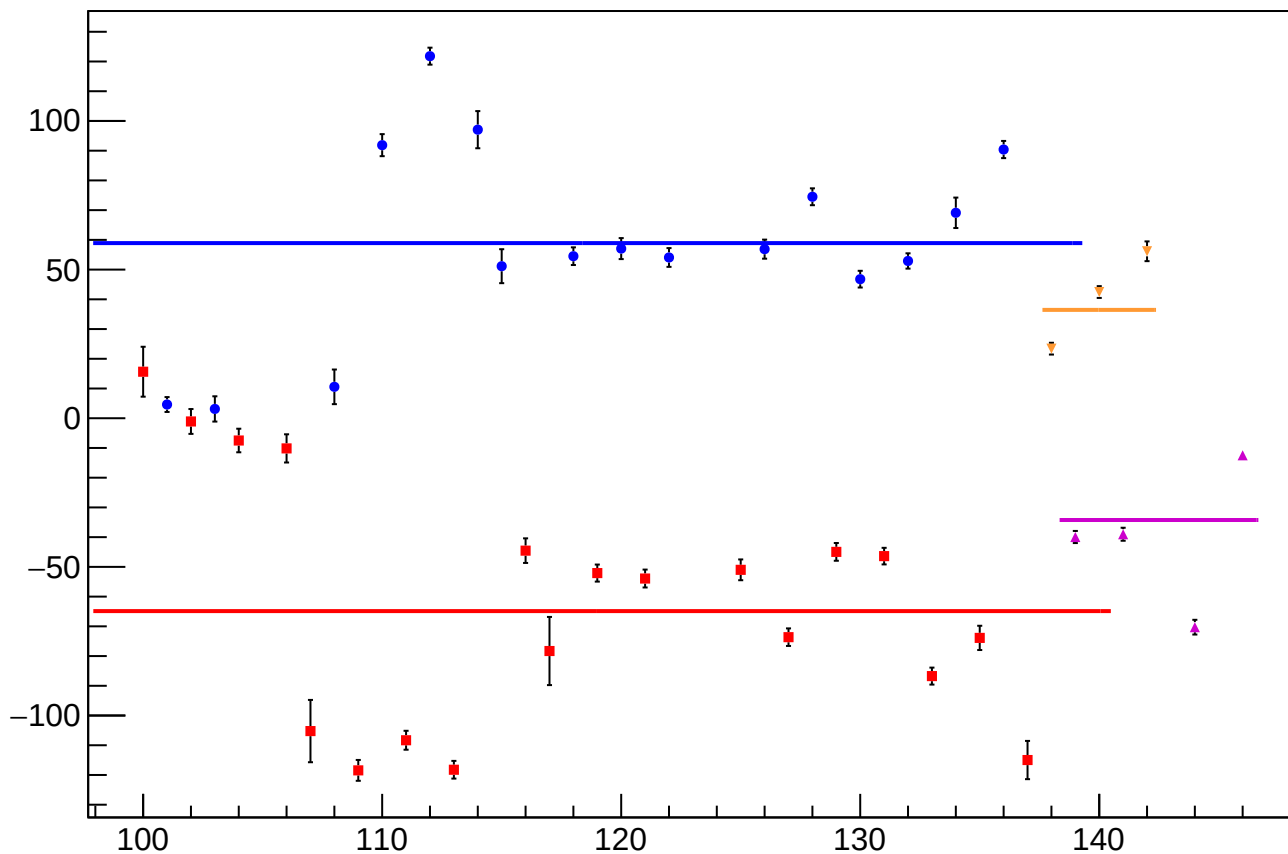
Left In: -0.906 ± 0.719 χ^2/NDF : 8.2/3

6.354 ± 0.399 χ^2/NDF : 469.4/18

-0.413 ± 0.275 χ^2/NDF : 1467.0/41

-6.573 ± 0.380 χ^2/NDF : 447.0/22

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: 36.447 $\pm$ 1.292 χ^2/NDF : 87.6/2

Right Out: -64.875 $\pm$ 0.838 χ^2/NDF : 1719.5/18

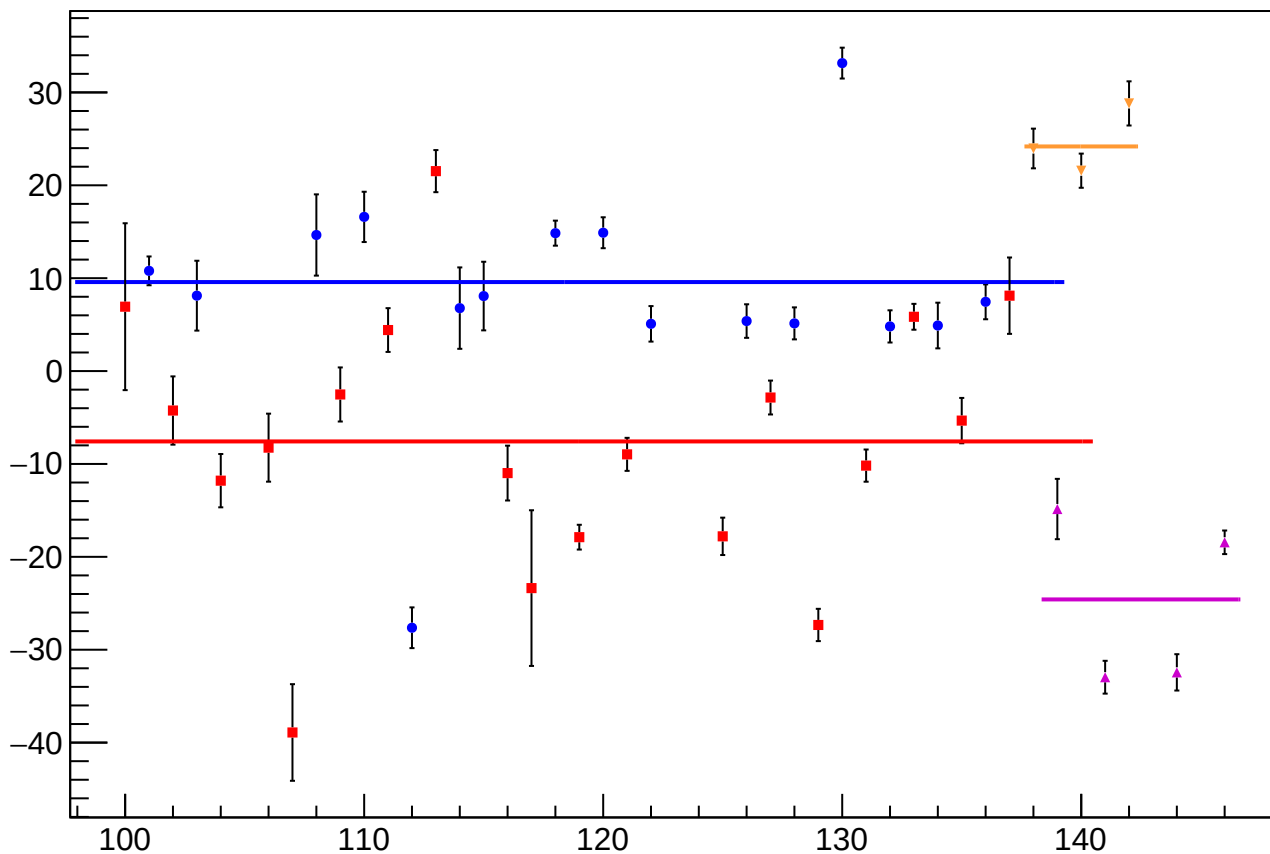
Left In: -34.231 $\pm$ 1.004 χ^2/NDF : 403.8/3

52.336 $\pm$ 0.699 χ^2/NDF : 1798.1/18

-4.318 $\pm$ 0.473 χ^2/NDF : 16596.0/41

-52.298 $\pm$ 0.643 χ^2/NDF : 2672.2/22

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 24.183 ± 1.203 $\chi^2/\text{NDF}: 5.8/2$

Right Out: -7.575 ± 0.515 $\chi^2/\text{NDF}: 573.4/18$

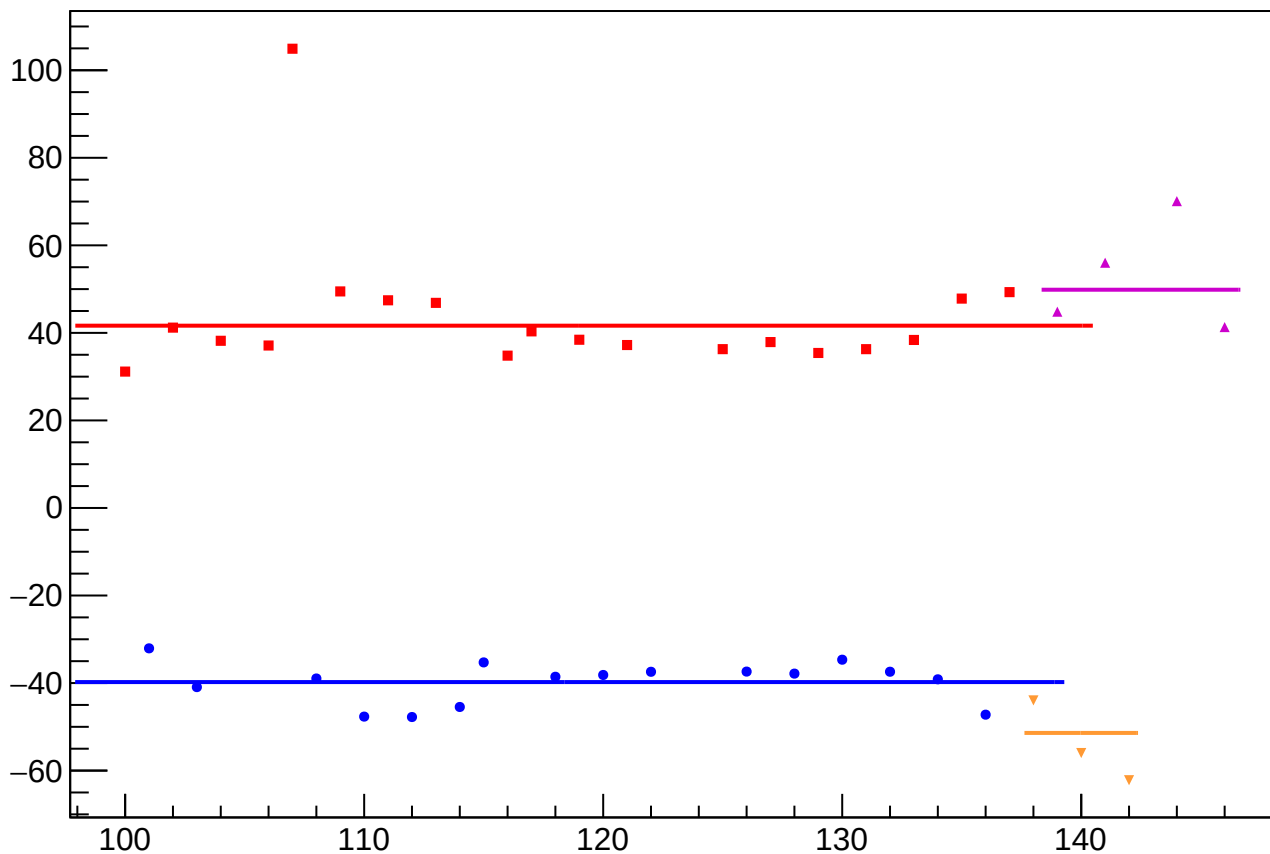
Left In: -24.586 ± 0.878 $\chi^2/\text{NDF}: 71.0/3$

11.743 ± 0.463 $\chi^2/\text{NDF}: 685.8/18$

-0.575 ± 0.320 $\chi^2/\text{NDF}: 2972.1/41$

-11.926 ± 0.444 $\chi^2/\text{NDF}: 923.7/22$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.777+/-0.031 χ^2/NDF : 26158.0/15

Left Out: -51.394+/-0.053 χ^2/NDF : 18446.1/2

Right Out: 41.646+/-0.031 χ^2/NDF : 94463.7/18

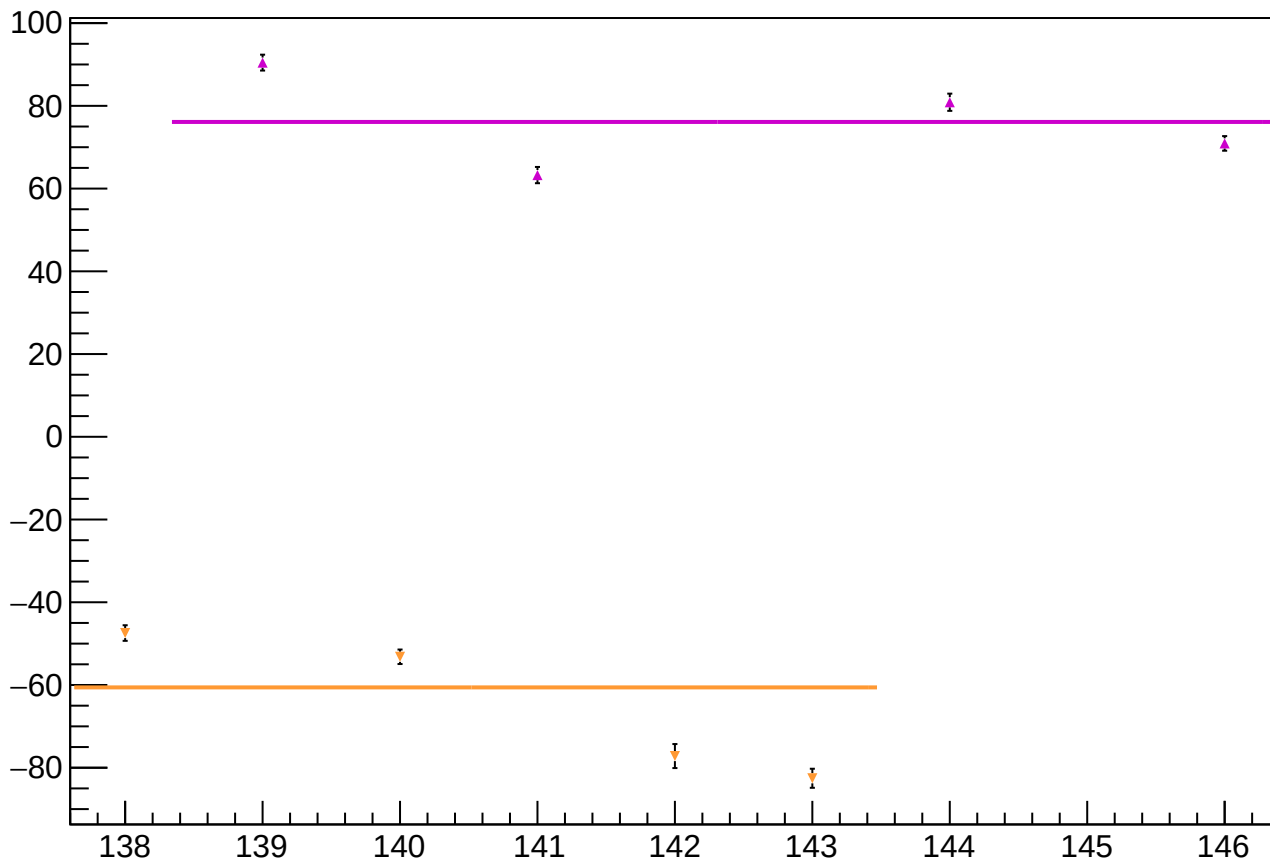
Left In: 49.860+/-0.041 χ^2/NDF : 57387.1/3

-42.733+/-0.027 χ^2/NDF : 80187.4/18

4.254+/-0.018 χ^2/NDF : 5961942.5/41

44.622+/-0.025 χ^2/NDF : 177064.8/22

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -60.582+/-1.046 χ^2/NDF : 190.1/3

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

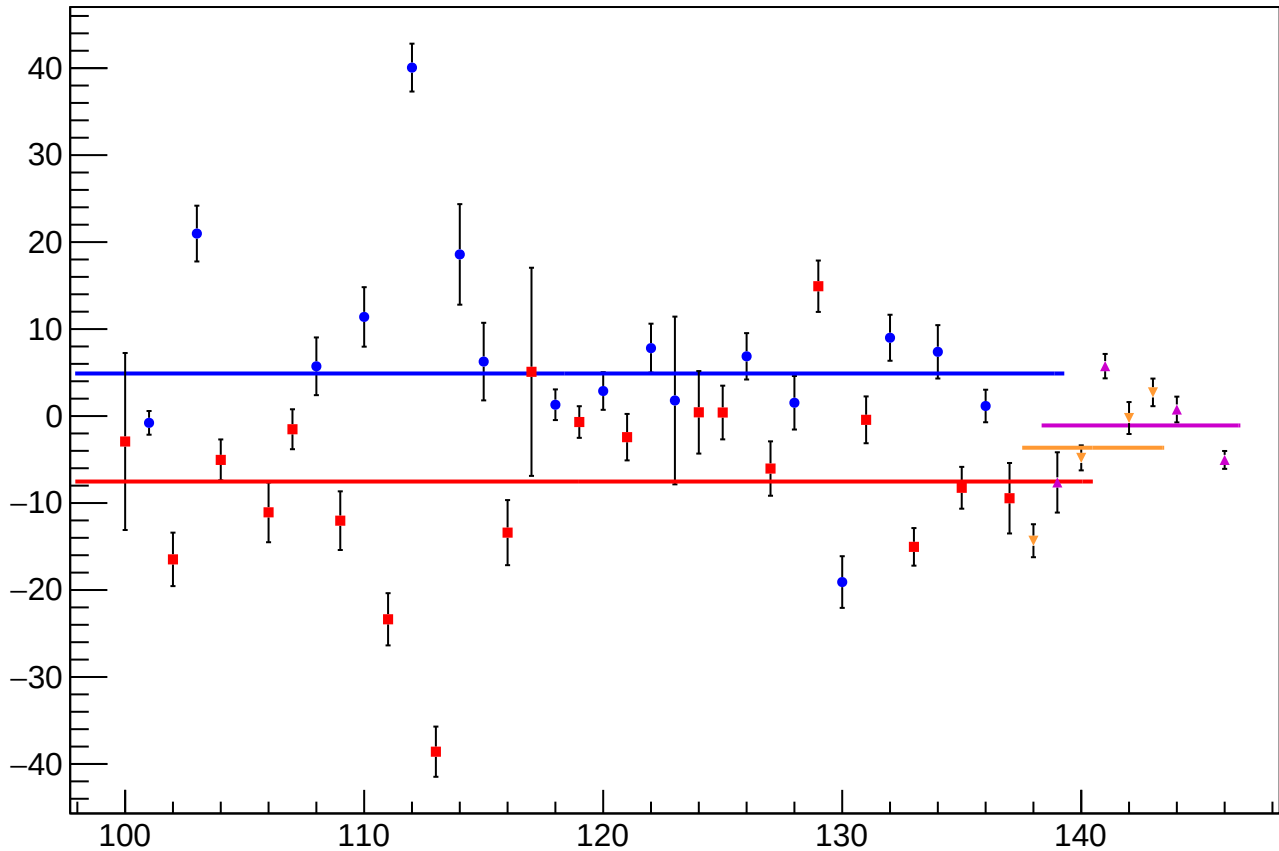
Left In: 76.108+/-0.961 χ^2/NDF : 112.4/3

-60.582+/-1.046 χ^2/NDF : 190.1/3

13.502+/-0.708 χ^2/NDF : 9561.7/7

76.108+/-0.961 χ^2/NDF : 112.4/3

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: -3.642 ± 0.829 χ^2/NDF : 52.0/3

Right Out: -7.528 ± 0.651 χ^2/NDF : 271.3/19

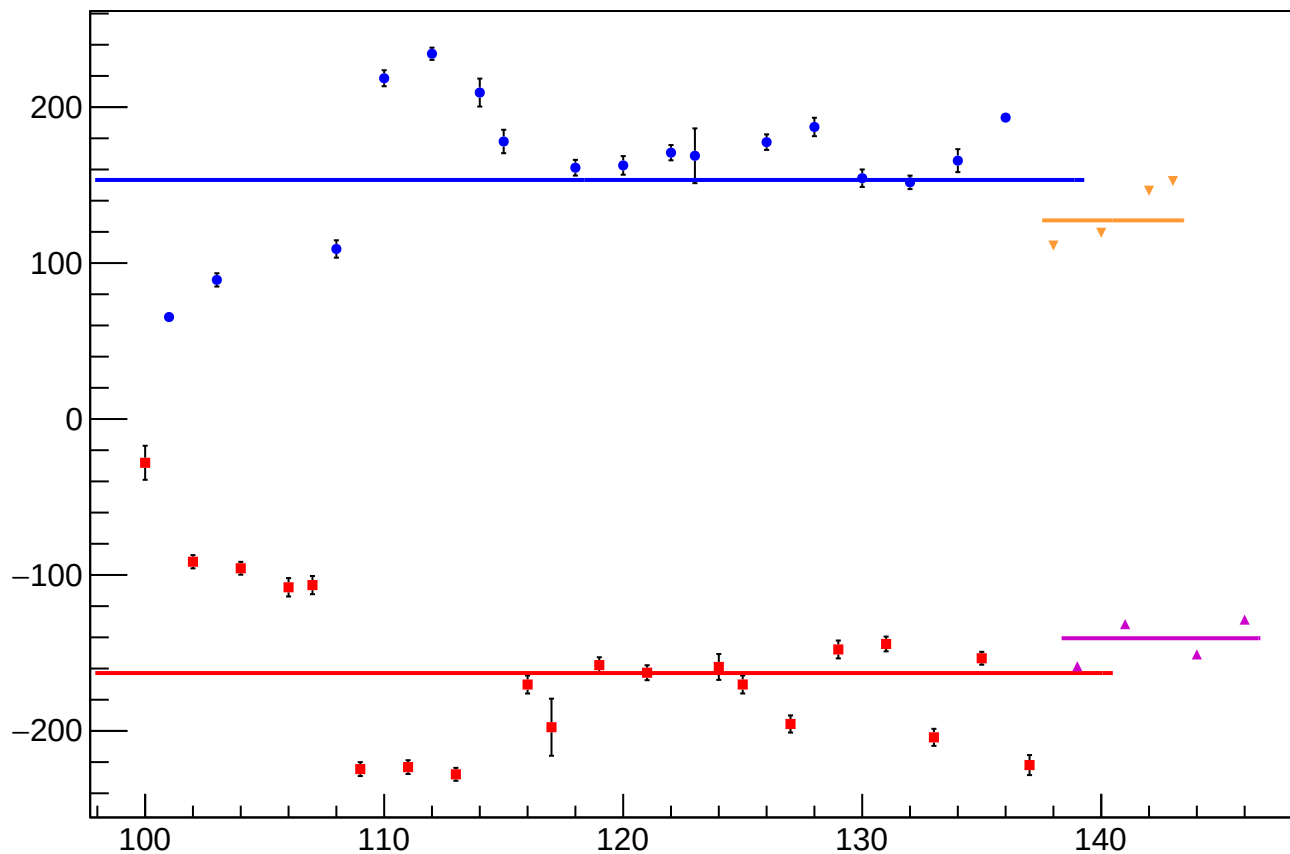
Left In: -1.080 ± 0.708 χ^2/NDF : 43.6/3

1.824 ± 0.497 χ^2/NDF : 415.3/20

-1.494 ± 0.345 χ^2/NDF : 861.1/44

-4.577 ± 0.479 χ^2/NDF : 359.8/23

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.298+/-1.145 χ^2/NDF : 2266.8/16

Left Out: 127.366+/-1.121 χ^2/NDF : 223.3/3

Right Out: -162.891+/-1.174 χ^2/NDF : 1712.3/19

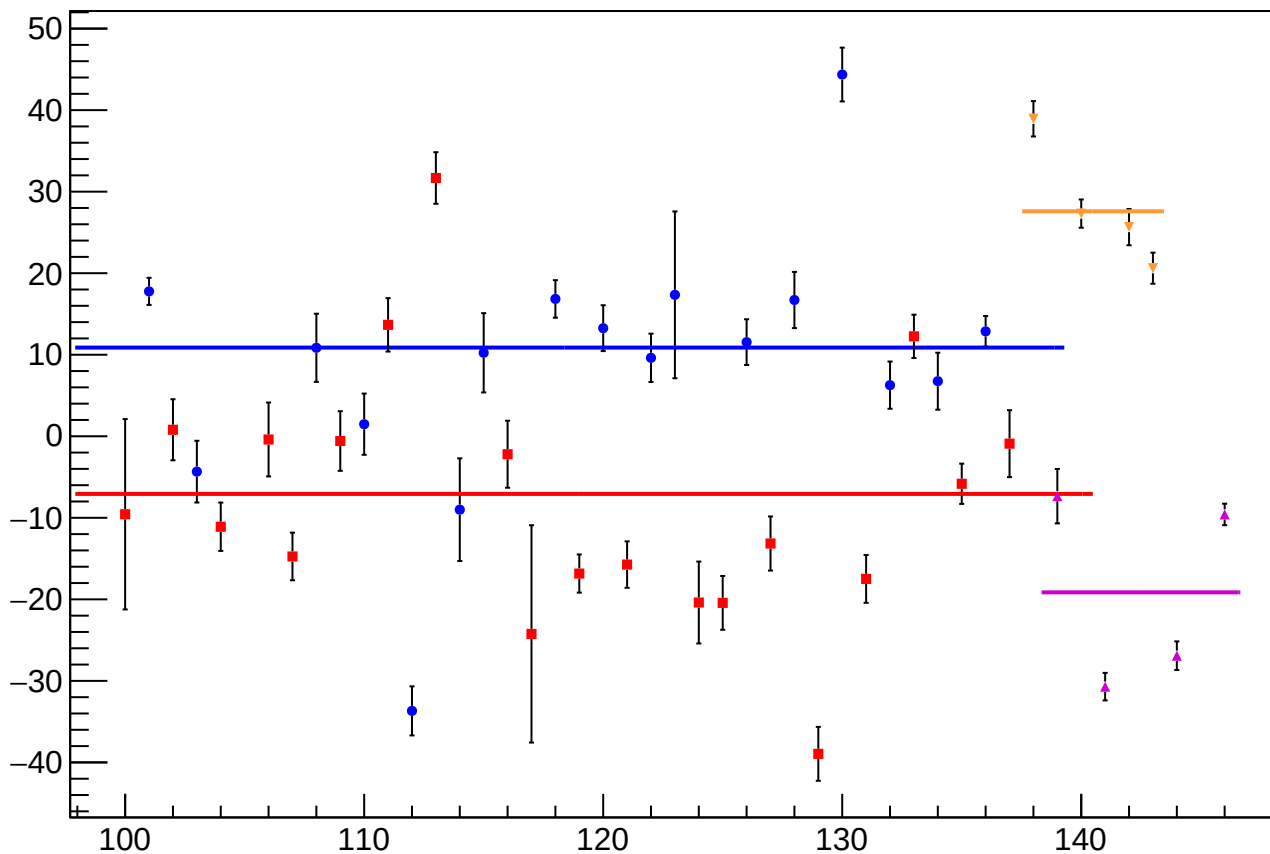
Left In: -140.563+/-0.993 χ^2/NDF : 165.6/3

140.060+/-0.801 χ^2/NDF : 2752.0/20

-12.822+/-0.551 χ^2/NDF : 73943.0/44

-149.875+/-0.758 χ^2/NDF : 2088.7/23

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.878+/-0.713 χ^2/NDF : 388.1/16

Left Out: 27.590+/-0.989 χ^2/NDF : 41.5/3

Right Out: -7.068+/-0.747 χ^2/NDF : 426.2/19

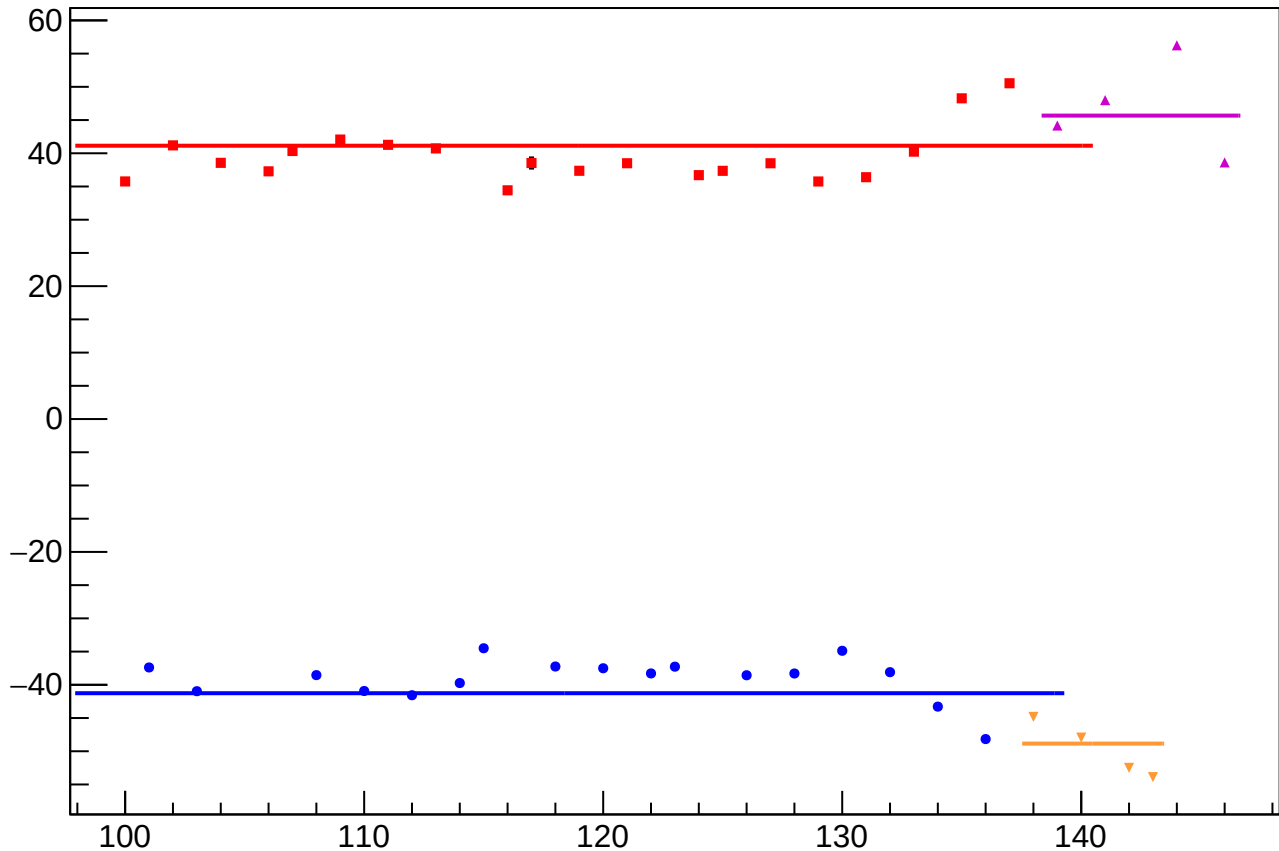
Left In: -19.142+/-0.863 χ^2/NDF : 131.8/3

16.599+/-0.579 χ^2/NDF : 617.5/20

1.832+/-0.404 χ^2/NDF : 2559.7/44

-12.239+/-0.565 χ^2/NDF : 669.9/23

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265 ± 0.038 χ^2/NDF : 12570.1/16

Left Out: -48.849 ± 0.046 χ^2/NDF : 6073.4/3

Right Out: 41.138 ± 0.039 χ^2/NDF : 12228.3/19

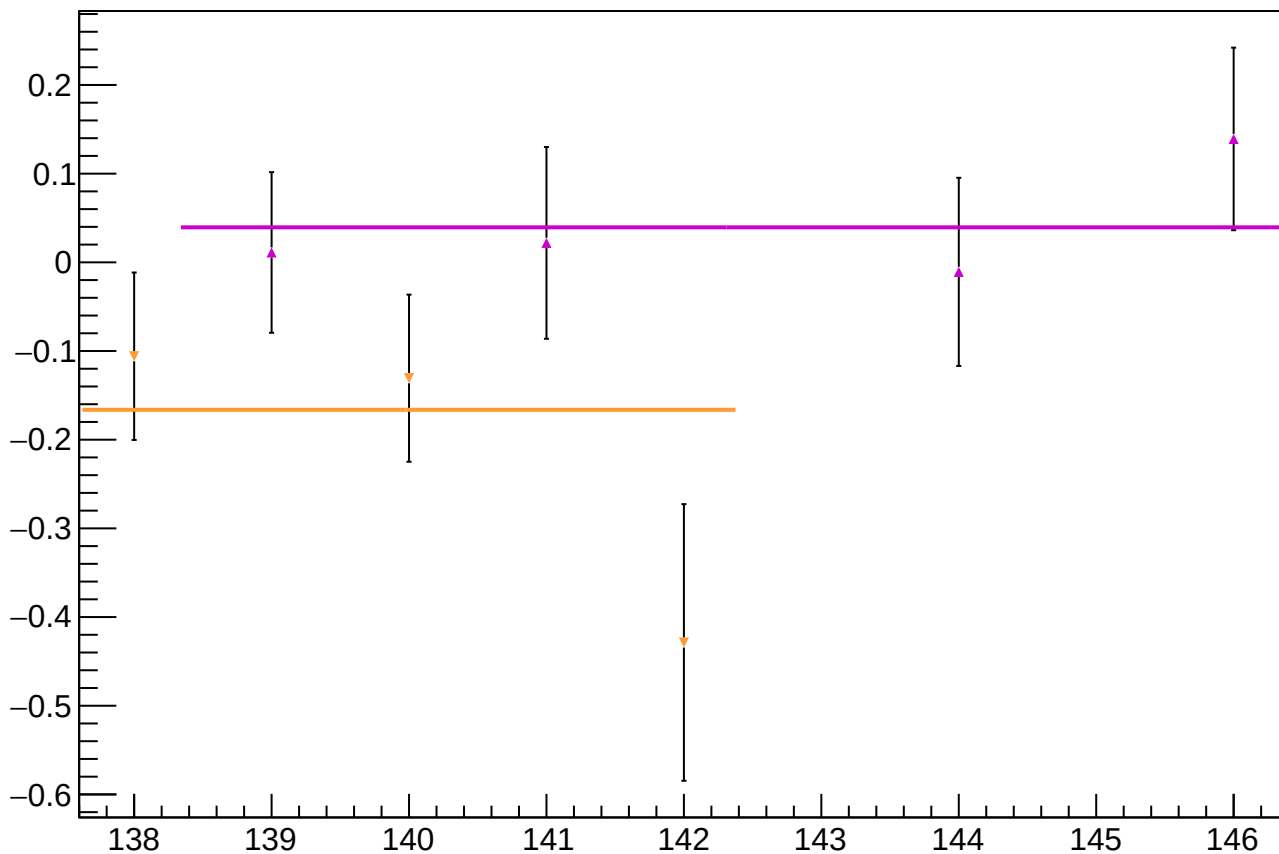
Left In: 45.670 ± 0.041 χ^2/NDF : 21191.6/3

-44.382 ± 0.030 χ^2/NDF : 34594.5/20

1.677 ± 0.020 χ^2/NDF : 4699823.3/44

43.270 ± 0.028 χ^2/NDF : 39910.6/23

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: -0.166 $\pm$ 0.061 χ^2 /NDF: 3.4/2

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

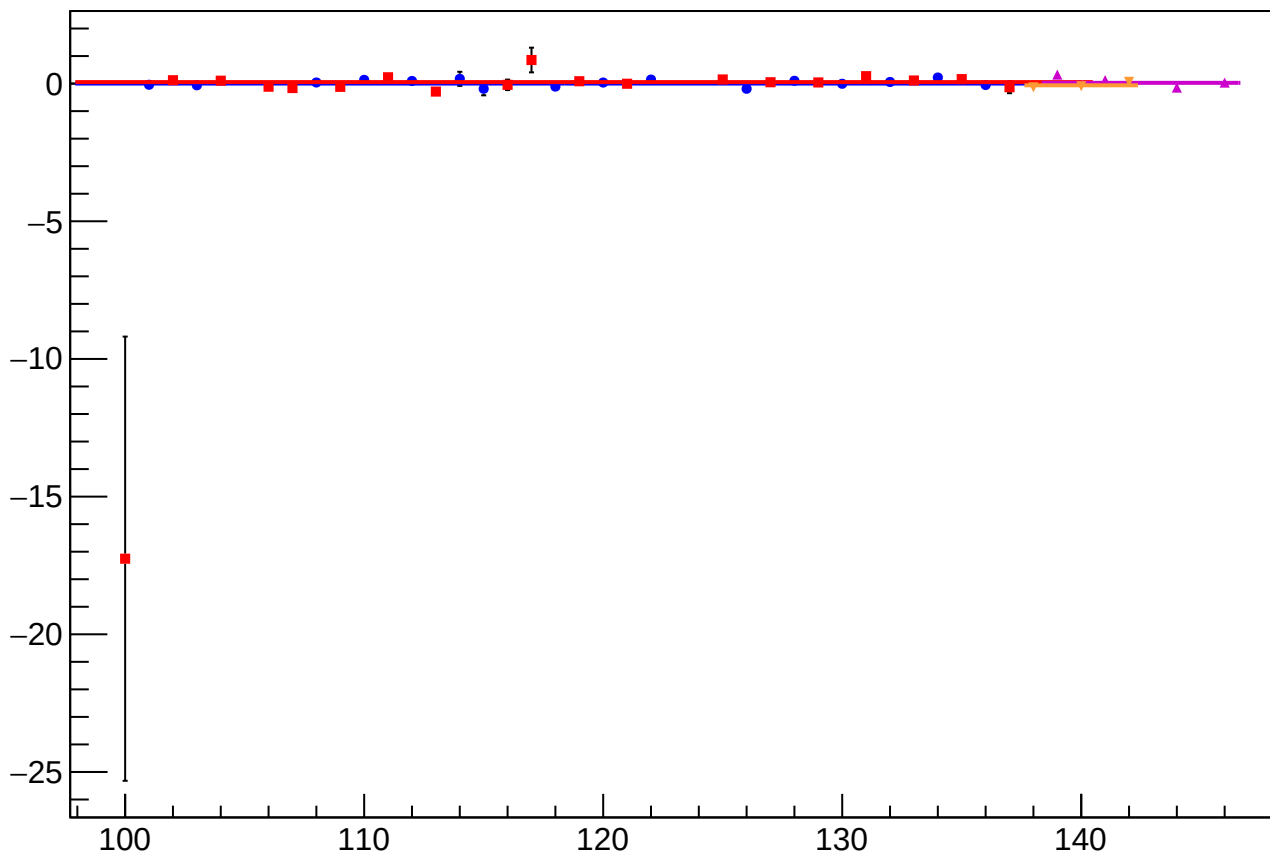
Left In: 0.039 $\pm$ 0.051 χ^2 /NDF: 1.3/3

-0.166 $\pm$ 0.061 χ^2 /NDF: 3.4/2

-0.044 $\pm$ 0.039 χ^2 /NDF: 11.4/6

0.039 $\pm$ 0.051 χ^2 /NDF: 1.3/3

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.028 χ^2 /NDF: 12.5/15

Left Out: -0.062 $\pm$ 0.052 χ^2 /NDF: 2.3/2

Right Out: 0.054 $\pm$ 0.029 χ^2 /NDF: 29.0/18

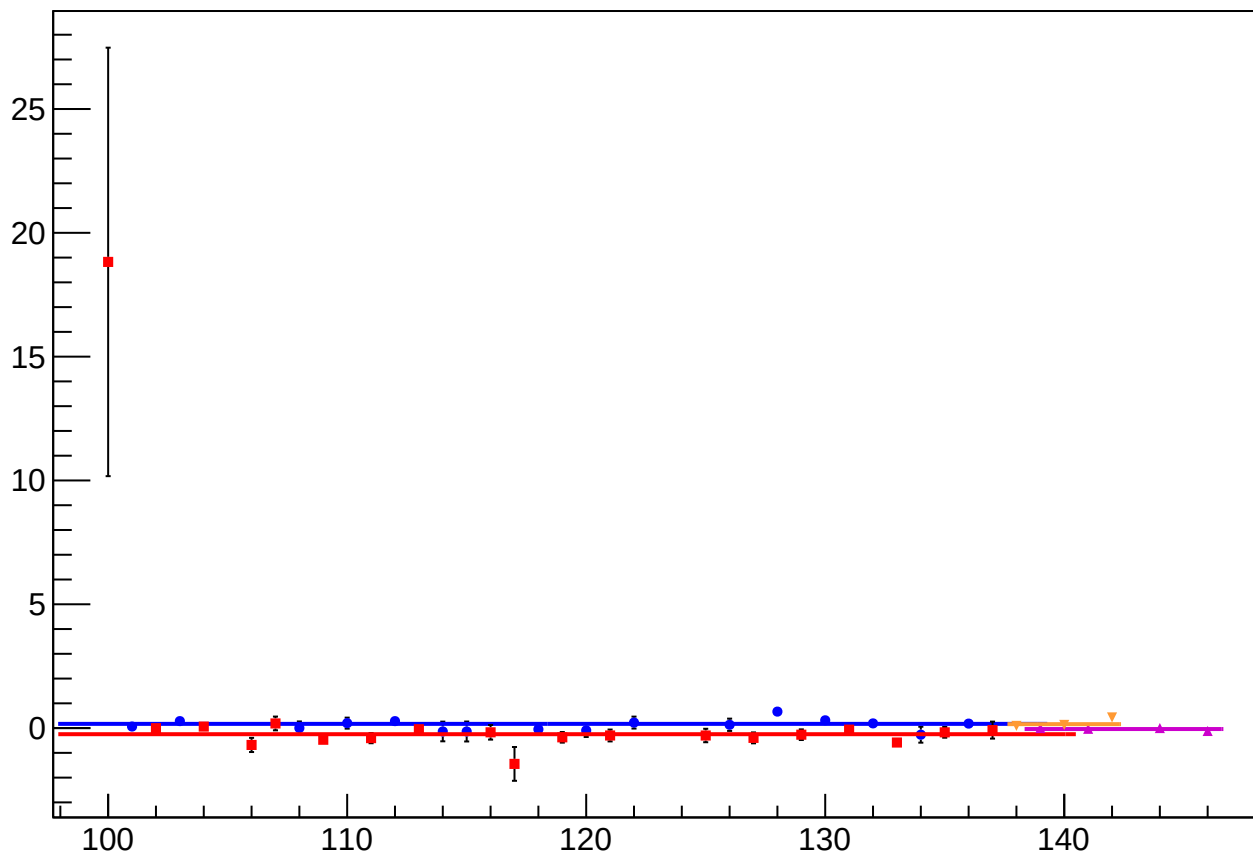
Left In: 0.027 $\pm$ 0.039 χ^2 /NDF: 10.1/3

-0.013 $\pm$ 0.025 χ^2 /NDF: 16.0/18

0.018 $\pm$ 0.017 χ^2 /NDF: 58.3/41

0.045 $\pm$ 0.024 χ^2 /NDF: 39.4/22

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.171 ± 0.052 χ^2/NDF : 13.7/15

Left Out: 0.159 ± 0.066 χ^2/NDF : 3.2/2

Right Out: -0.246 ± 0.054 χ^2/NDF : 24.9/18

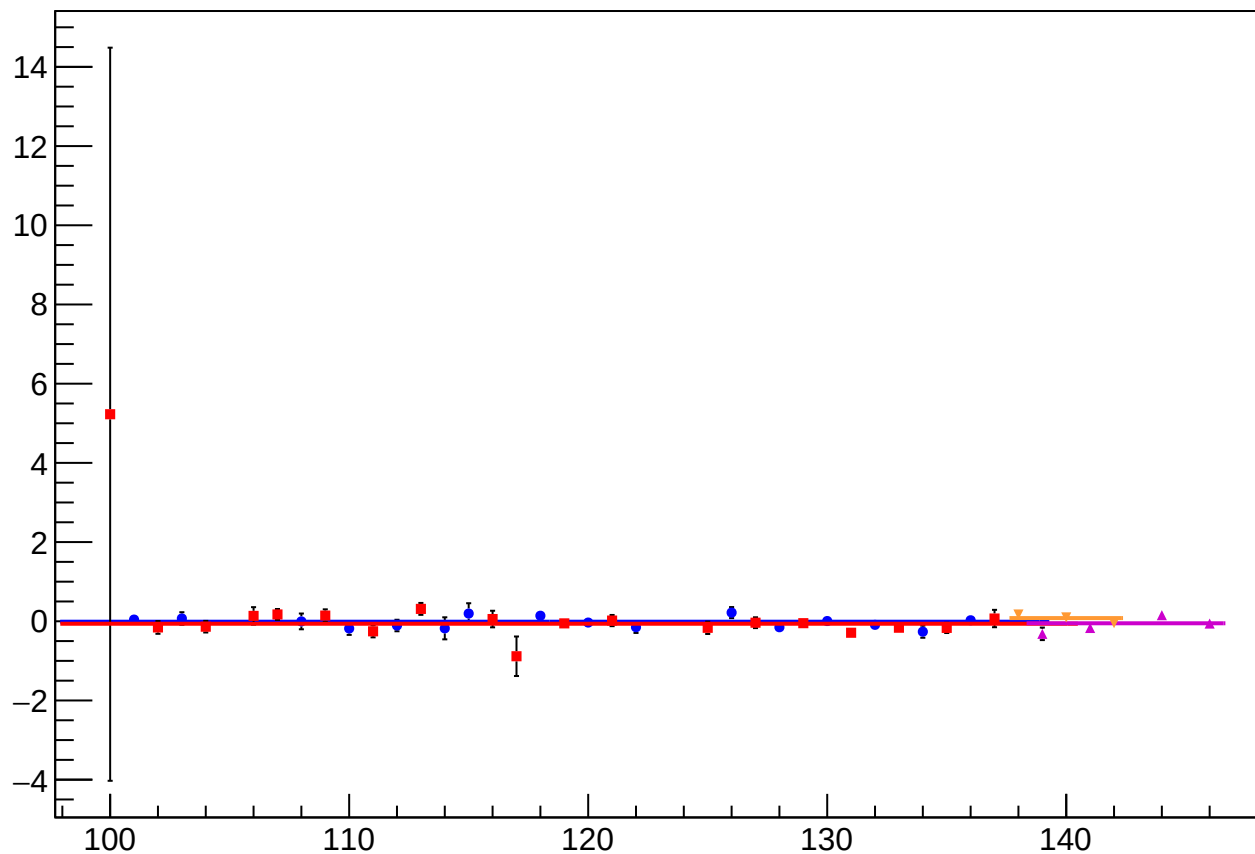
Left In: -0.038 ± 0.053 χ^2/NDF : 0.9/3

0.166 ± 0.041 χ^2/NDF : 16.9/18

0.000 ± 0.028 χ^2/NDF : 80.7/41

-0.140 ± 0.038 χ^2/NDF : 33.5/22

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.080 ± 0.062 χ^2/NDF : 1.8/2

Right Out: -0.062 ± 0.034 χ^2/NDF : 23.3/18

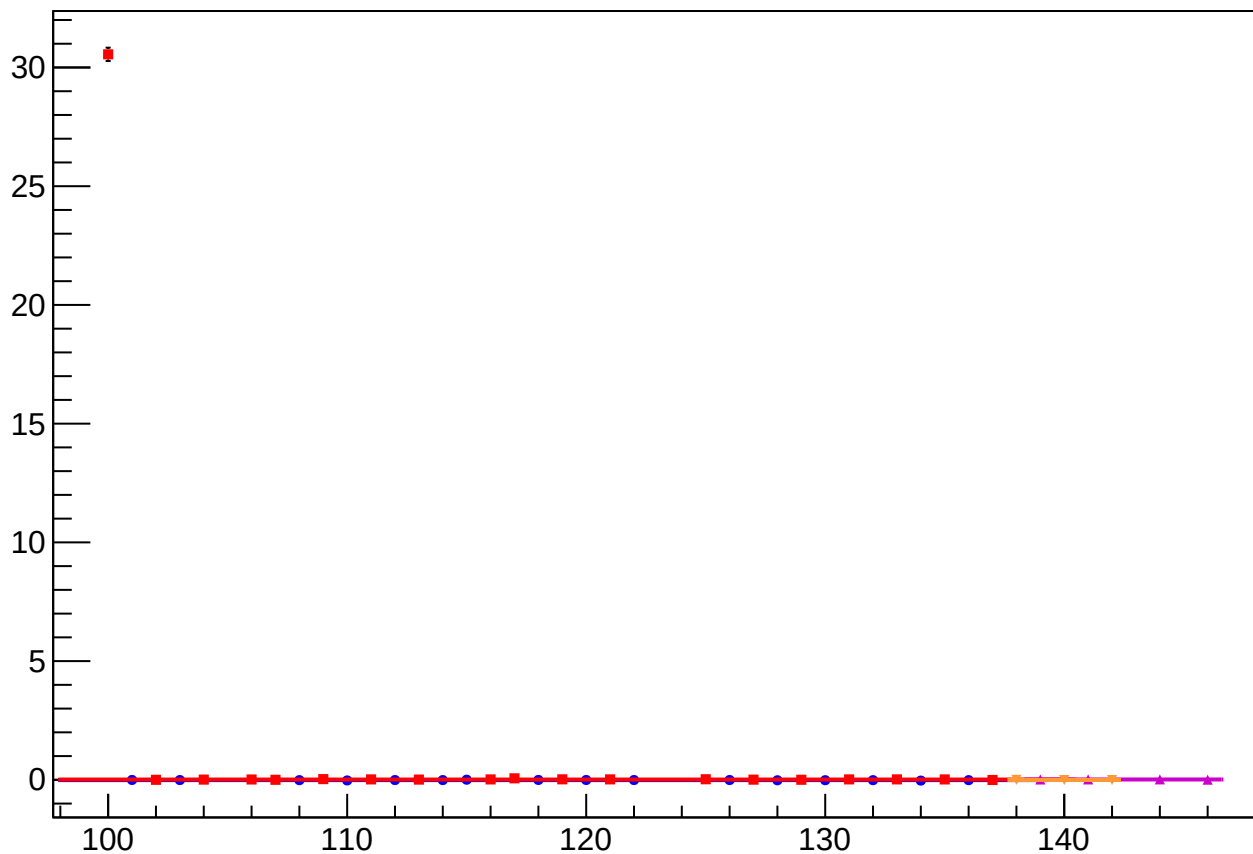
Left In: -0.051 ± 0.047 χ^2/NDF : 9.7/3

0.009 ± 0.029 χ^2/NDF : 17.3/18

-0.026 ± 0.020 χ^2/NDF : 53.2/41

-0.058 ± 0.028 χ^2/NDF : 33.0/22

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15

Left Out: -0.006 ± 0.003 χ^2/NDF : 2.5/2

Right Out: 0.012 ± 0.002 χ^2/NDF : 11894.2/18

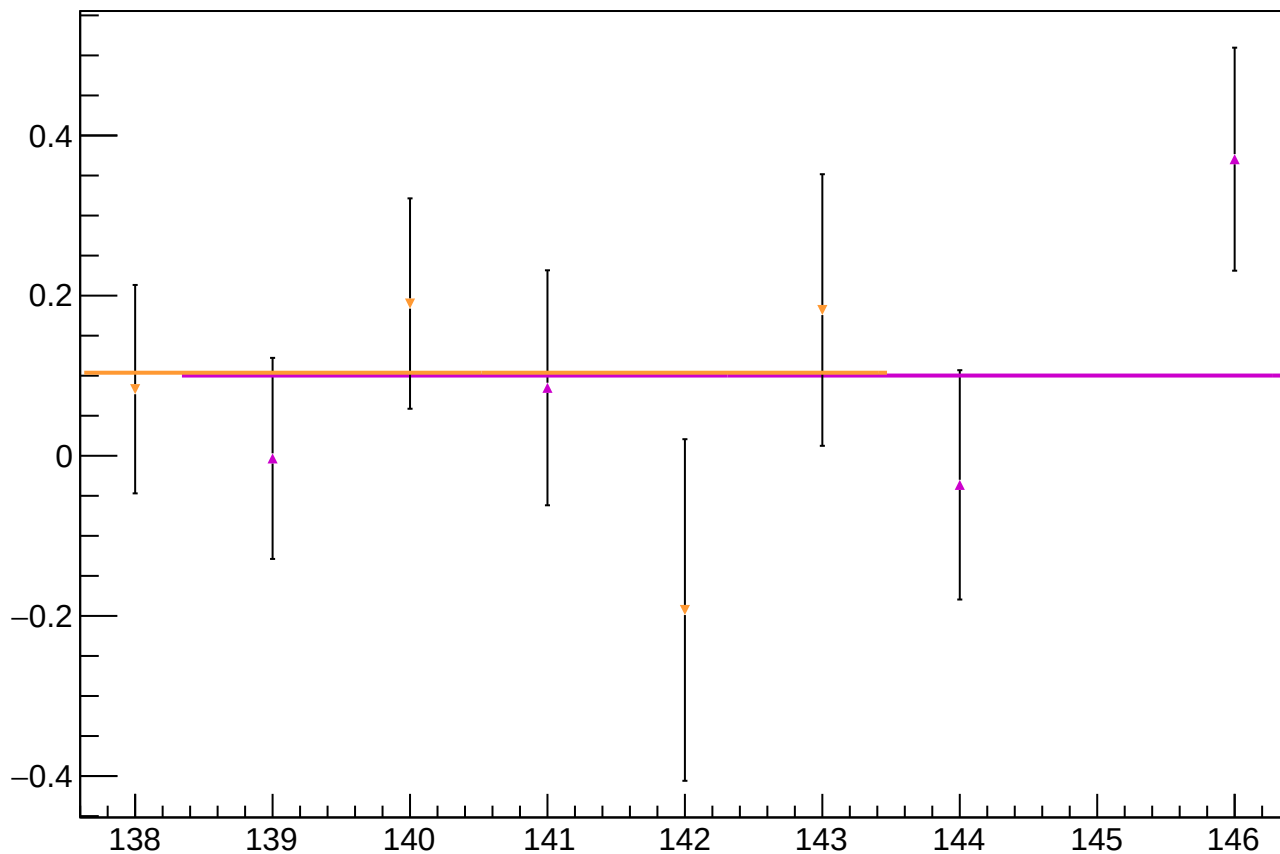
Left In: 0.015 ± 0.002 χ^2/NDF : 5.0/3

-0.010 ± 0.001 χ^2/NDF : 18.4/18

0.003 ± 0.001 χ^2/NDF : 12052.4/41

0.013 ± 0.001 χ^2/NDF : 11900.0/22

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: 0.104 $\pm$ 0.076 χ^2 /NDF: 2.6/3

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

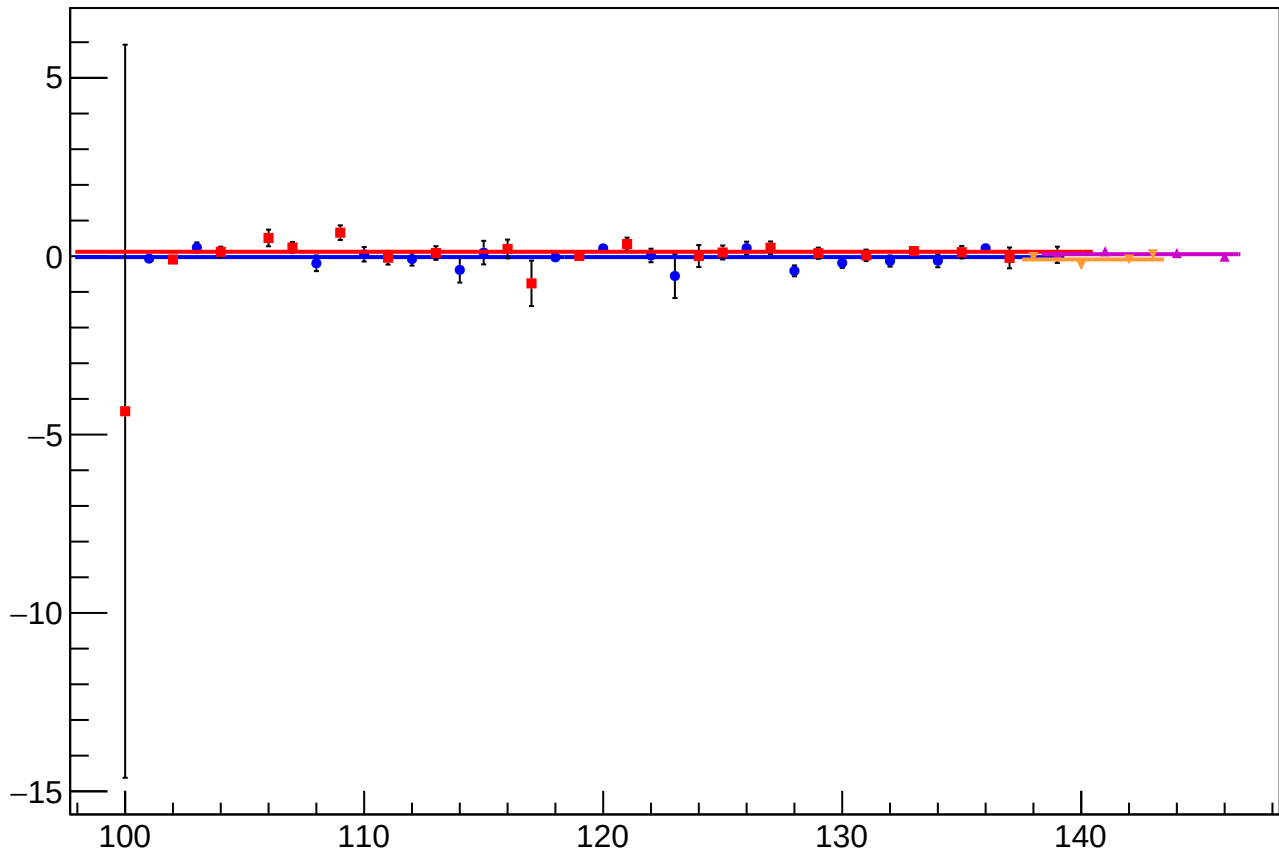
Left In: 0.100 $\pm$ 0.069 χ^2 /NDF: 5.4/3

0.104 $\pm$ 0.076 χ^2 /NDF: 2.6/3

0.102 $\pm$ 0.051 χ^2 /NDF: 8.0/7

0.100 $\pm$ 0.069 χ^2 /NDF: 5.4/3

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.090 ± 0.062 χ^2/NDF : 4.0/3

Right Out: 0.125 ± 0.039 χ^2/NDF : 19.6/19

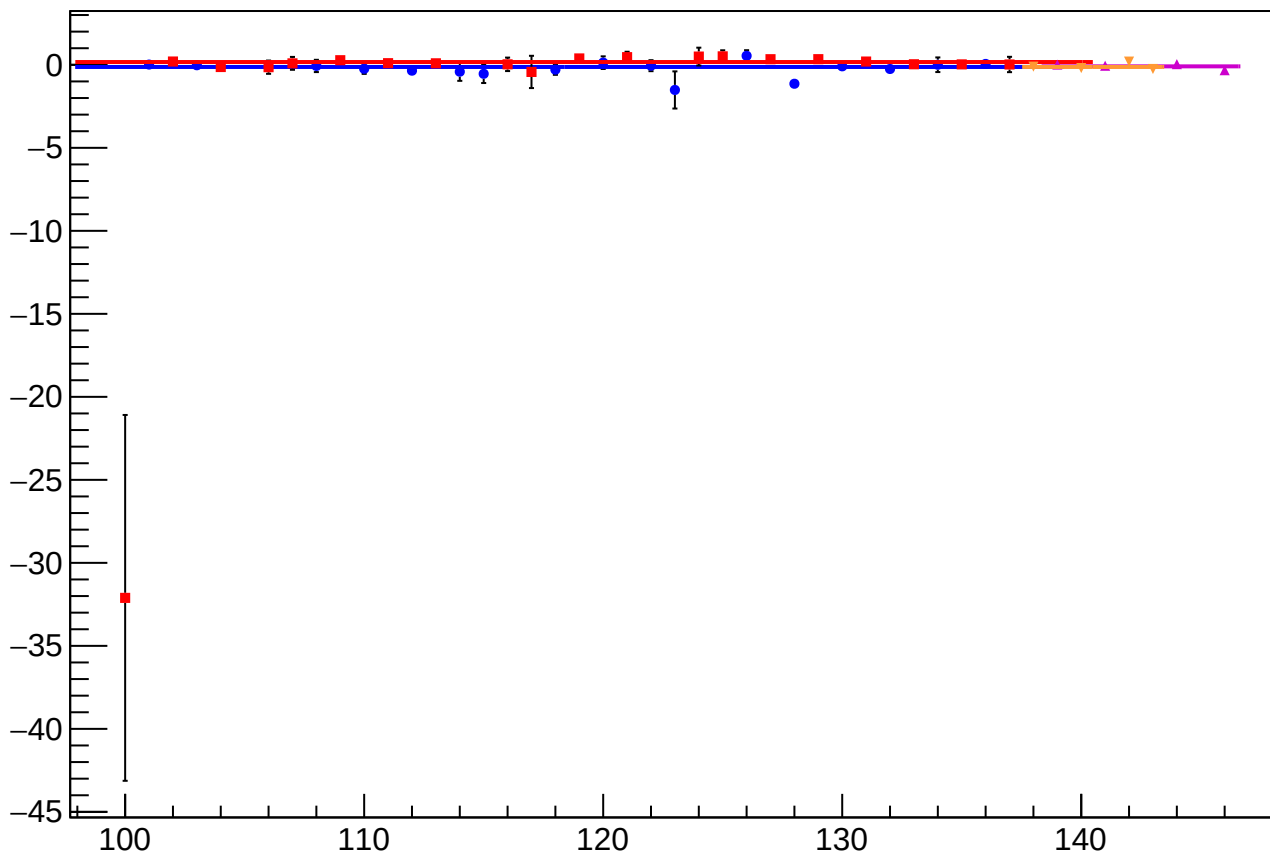
Left In: 0.057 ± 0.053 χ^2/NDF : 1.4/3

-0.041 ± 0.031 χ^2/NDF : 28.2/20

0.029 ± 0.022 χ^2/NDF : 60.4/44

0.101 ± 0.032 χ^2/NDF : 22.0/23

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: -0.128 ± 0.081 χ^2/NDF : 2.7/3

Right Out: 0.168 ± 0.071 χ^2/NDF : 15.4/19

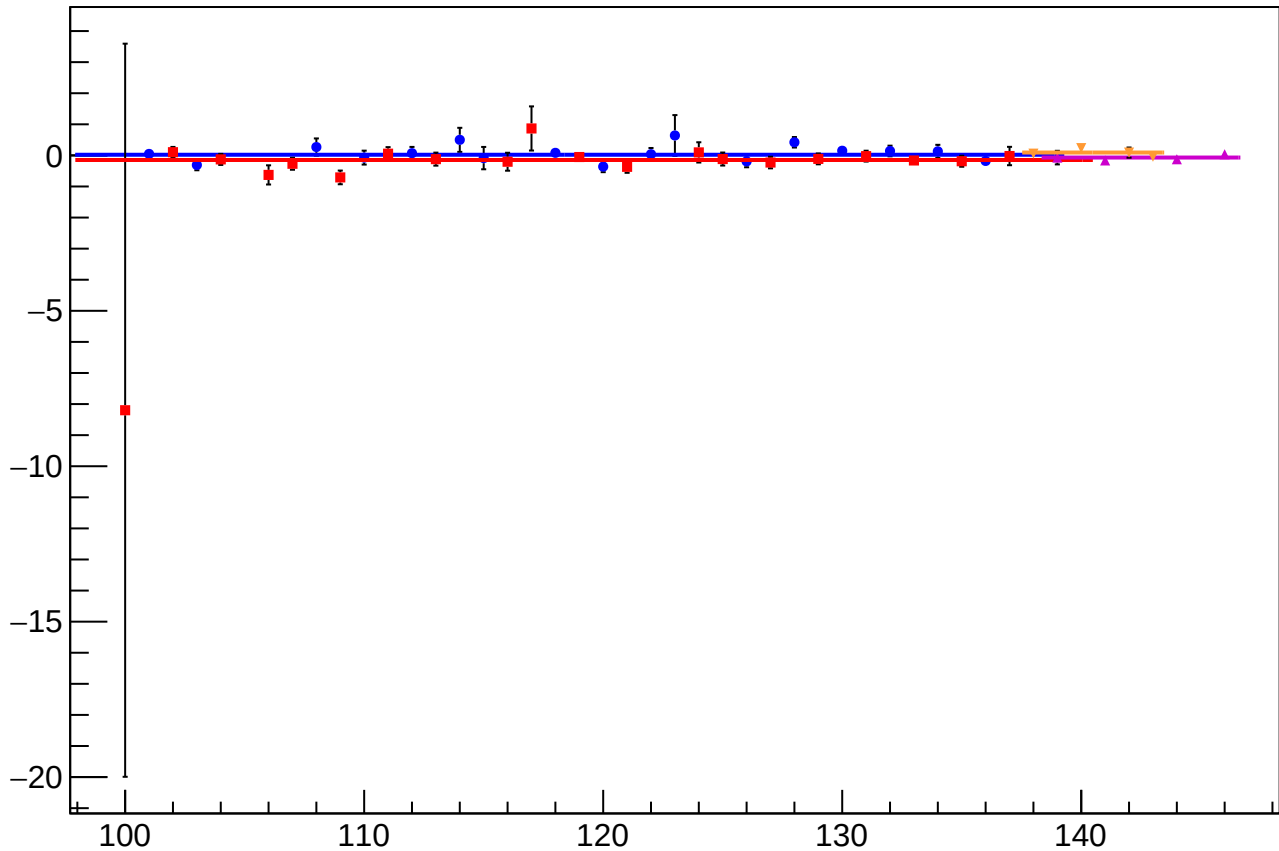
Left In: -0.092 ± 0.072 χ^2/NDF : 4.5/3

-0.129 ± 0.052 χ^2/NDF : 26.4/20

-0.042 ± 0.036 χ^2/NDF : 58.5/44

0.040 ± 0.050 χ^2/NDF : 26.6/23

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.092 ± 0.073 χ^2/NDF : 2.1/3

Right Out: -0.148 ± 0.045 χ^2/NDF : 18.3/19

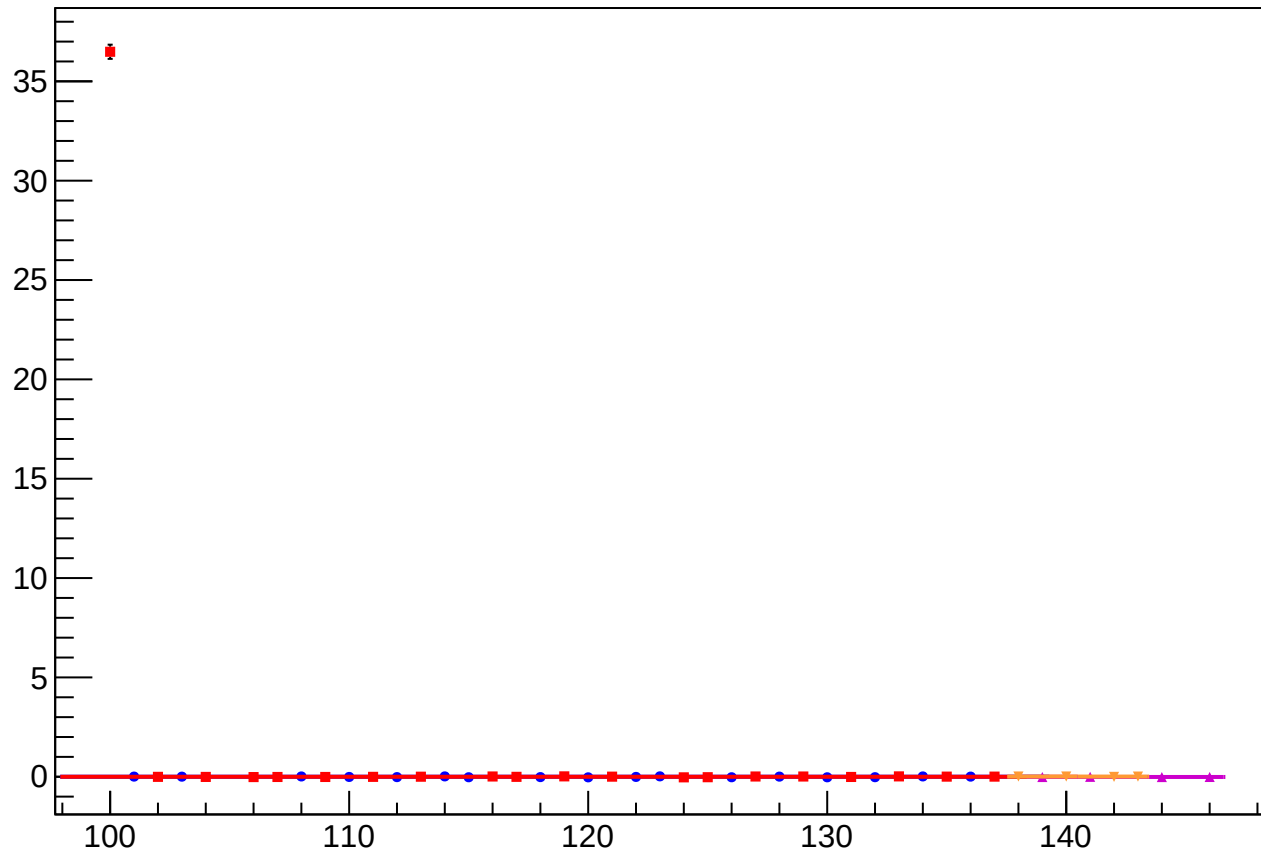
Left In: -0.069 ± 0.064 χ^2/NDF : 1.8/3

0.039 ± 0.037 χ^2/NDF : 25.4/20

-0.040 ± 0.026 χ^2/NDF : 55.9/44

-0.122 ± 0.037 χ^2/NDF : 21.1/23

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: 3.2/3

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/19

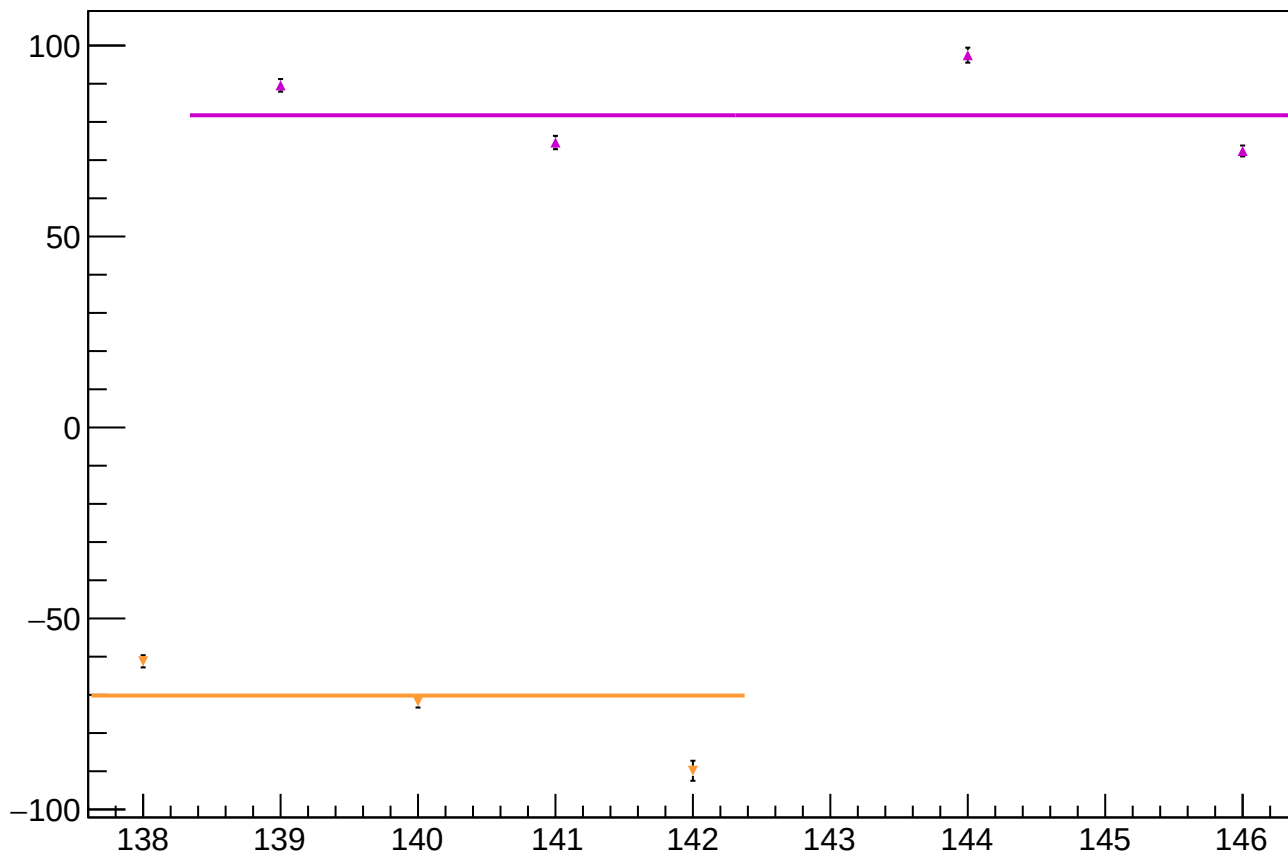
Left In: -0.011 $\pm$ 0.003 χ^2 /NDF: 2.0/3

0.004 $\pm$ 0.002 χ^2 /NDF: 39.2/20

-0.001 $\pm$ 0.001 χ^2 /NDF: 10508.1/44

-0.005 $\pm$ 0.002 χ^2 /NDF: 10458.5/23

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: -70.180+/-1.032 χ^2/NDF : 88.6/2

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

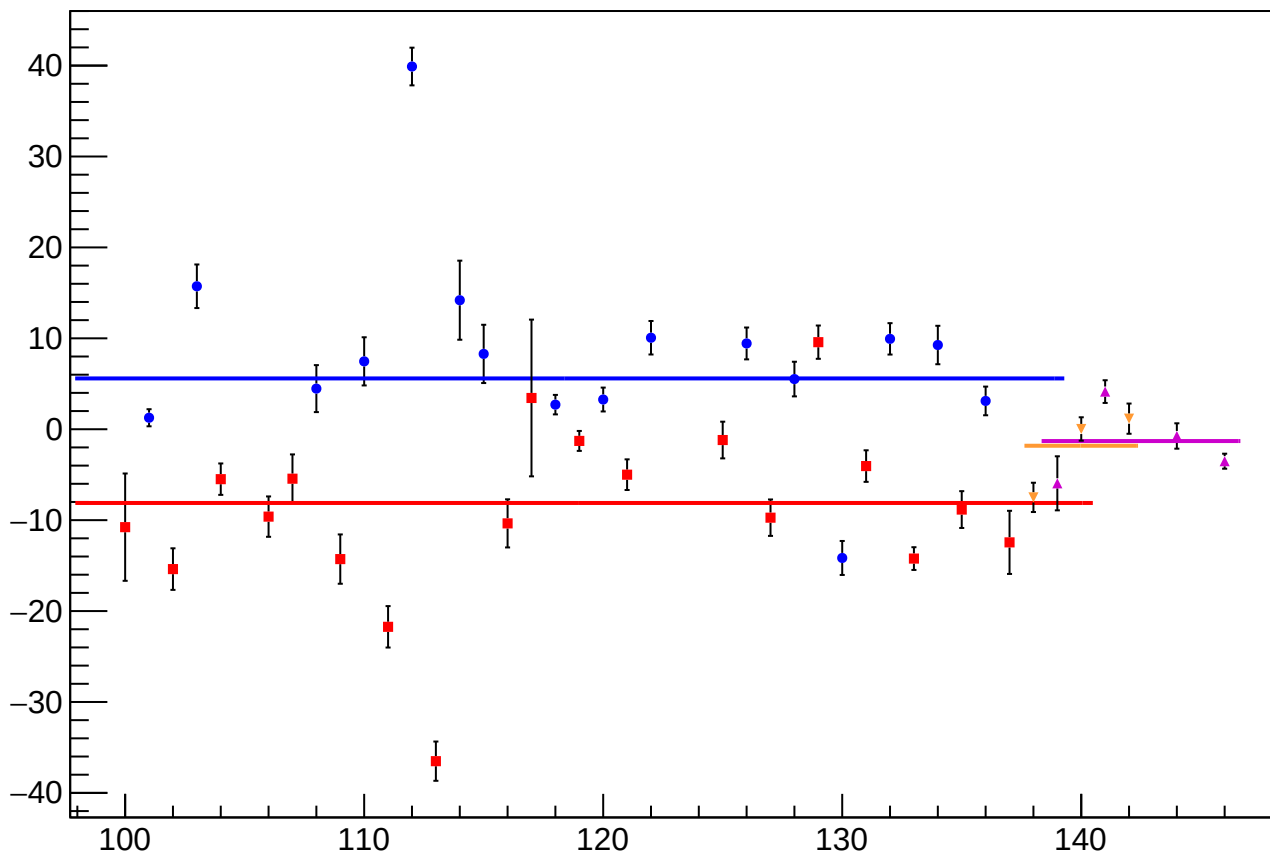
Left In: 81.741+/-0.832 χ^2/NDF : 146.4/3

-70.180+/-1.032 χ^2/NDF : 88.6/2

21.911+/-0.648 χ^2/NDF : 13364.9/6

81.741+/-0.832 χ^2/NDF : 146.4/3

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: -1.816 ± 0.861 χ^2/NDF : 17.7/2

Right Out: -8.110 ± 0.453 χ^2/NDF : 409.5/18

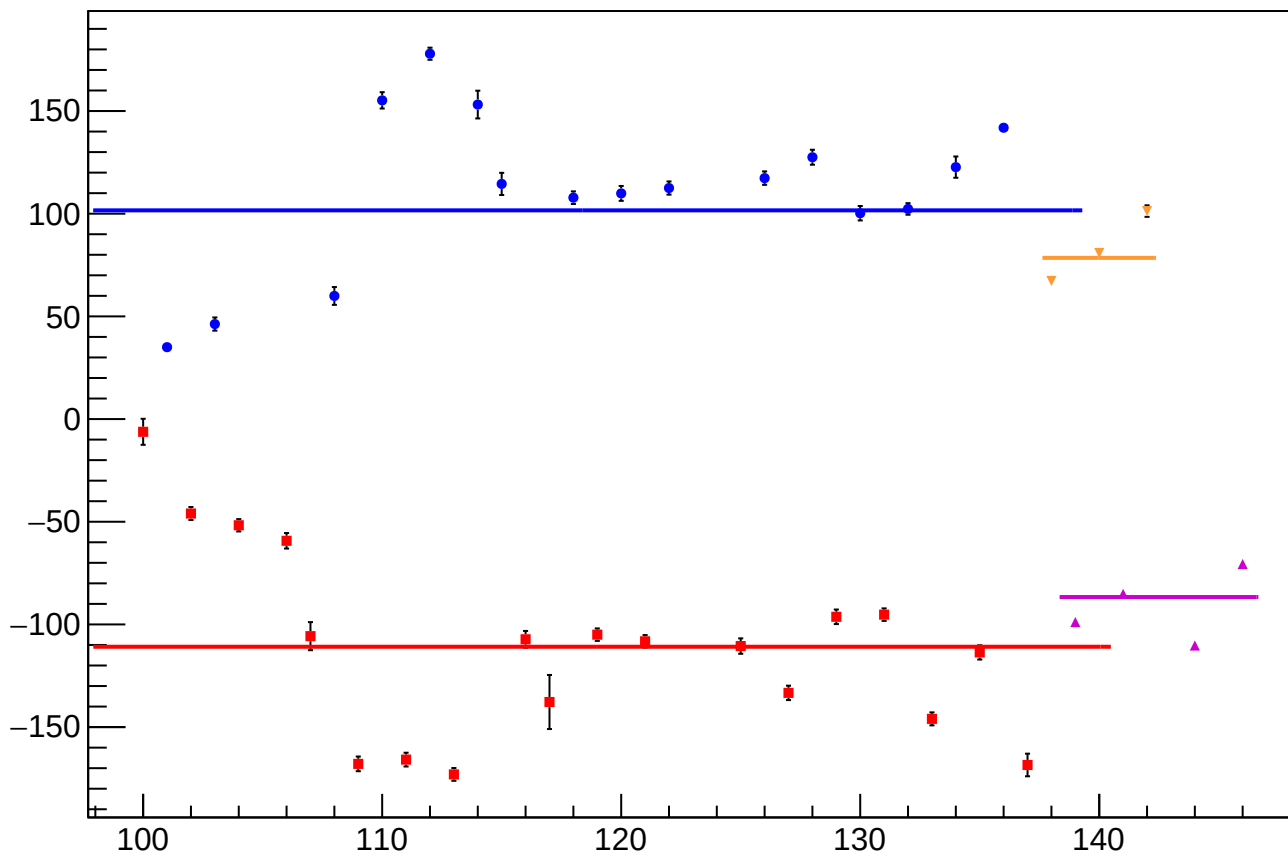
Left In: -1.299 ± 0.605 χ^2/NDF : 28.8/3

4.146 ± 0.380 χ^2/NDF : 540.0/18

-0.988 ± 0.262 χ^2/NDF : 1408.3/41

-5.661 ± 0.363 χ^2/NDF : 519.6/22

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: 78.500 ± 1.108 χ^2/NDF : 109.7/2

Right Out: -110.864 ± 0.835 χ^2/NDF : 2517.1/18

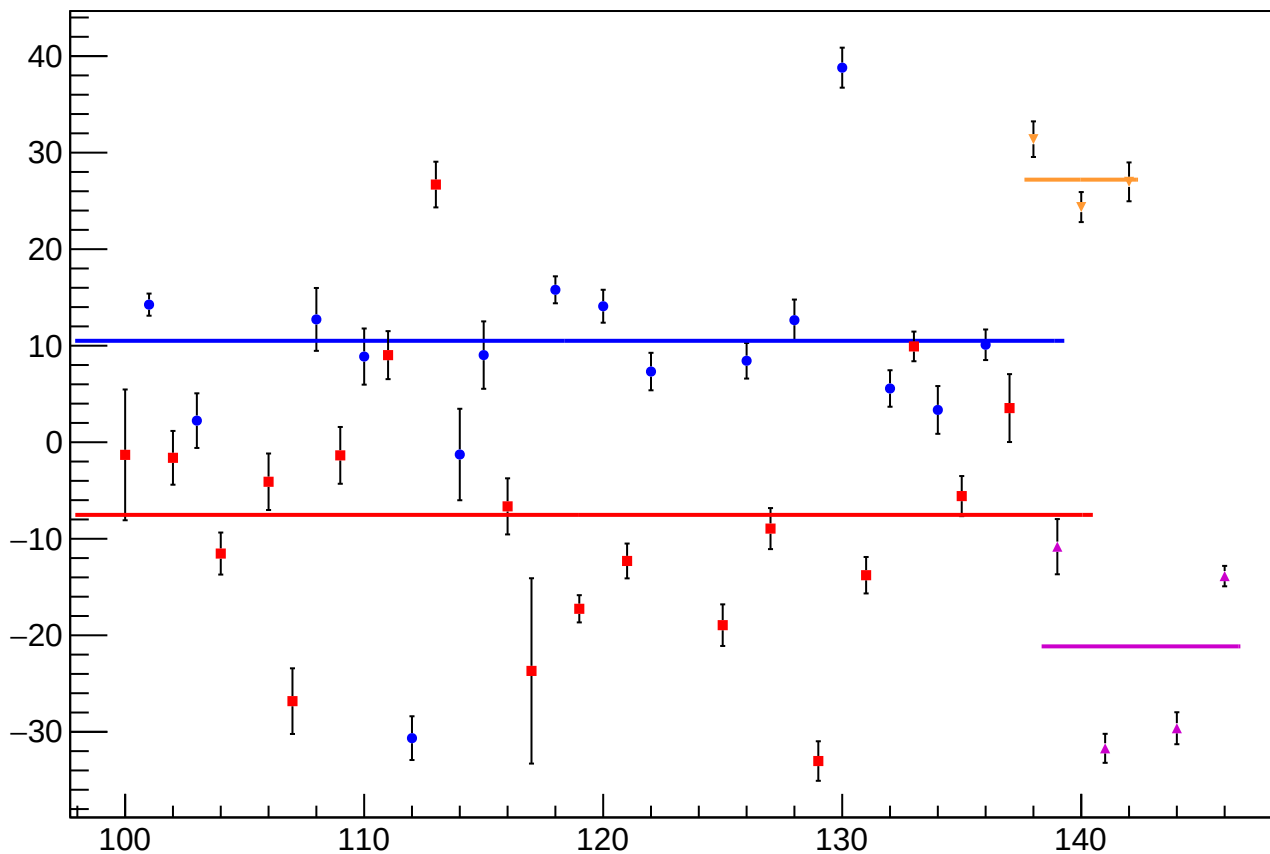
Left In: -86.660 ± 0.855 χ^2/NDF : 313.0/3

93.616 ± 0.652 χ^2/NDF : 3373.3/18

-11.199 ± 0.441 χ^2/NDF : 54071.7/41

-99.057 ± 0.597 χ^2/NDF : 3240.5/22

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: 27.202 ± 1.024 $\chi^2/\text{NDF}: 8.5/2$

Right Out: -7.525 ± 0.523 $\chi^2/\text{NDF}: 692.2/18$

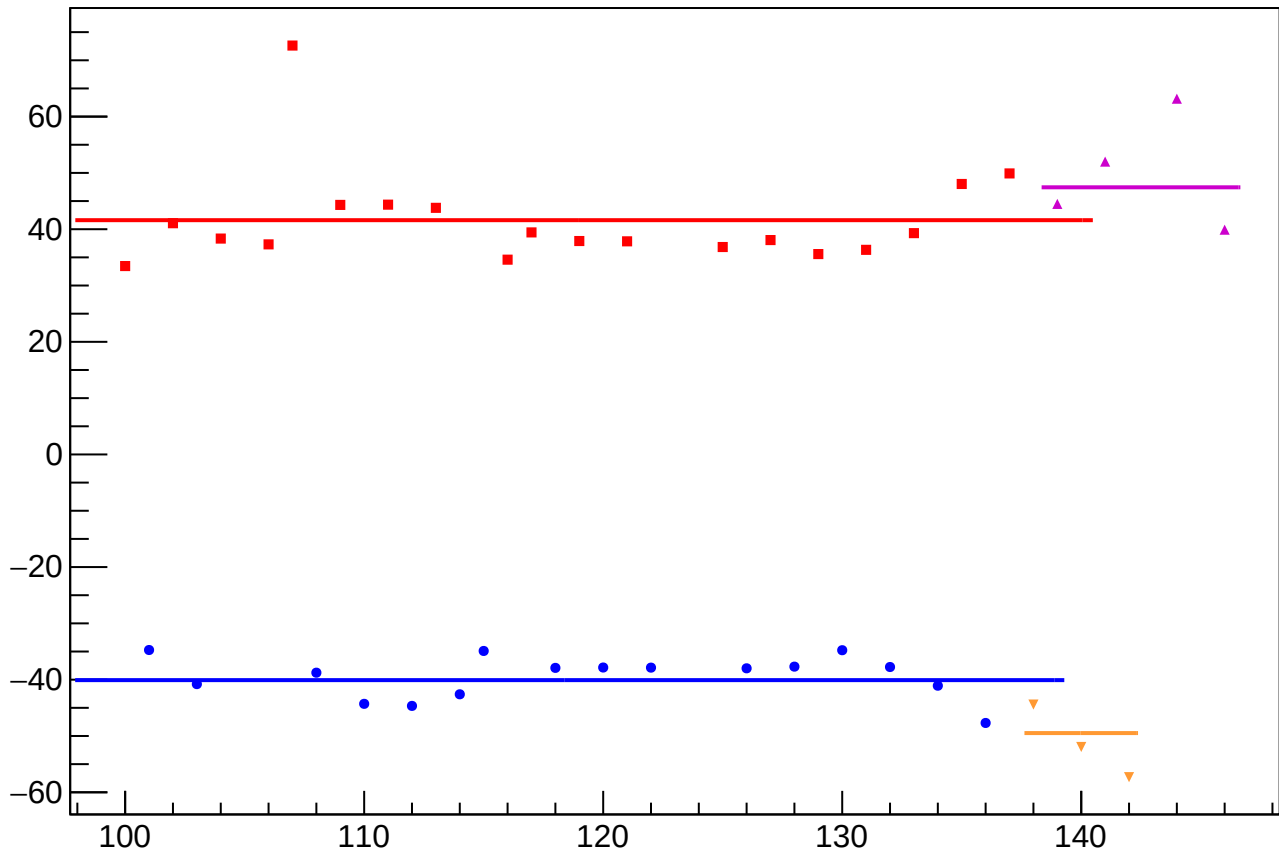
Left In: -21.147 ± 0.741 $\chi^2/\text{NDF}: 136.0/3$

13.641 ± 0.443 $\chi^2/\text{NDF}: 806.0/18$

0.314 ± 0.308 $\chi^2/\text{NDF}: 3601.5/41$

-12.061 ± 0.427 $\chi^2/\text{NDF}: 1053.9/22$

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: -49.483 ± 0.046 χ^2/NDF : 11383.6/2

Right Out: 41.605 ± 0.029 χ^2/NDF : 61797.6/18

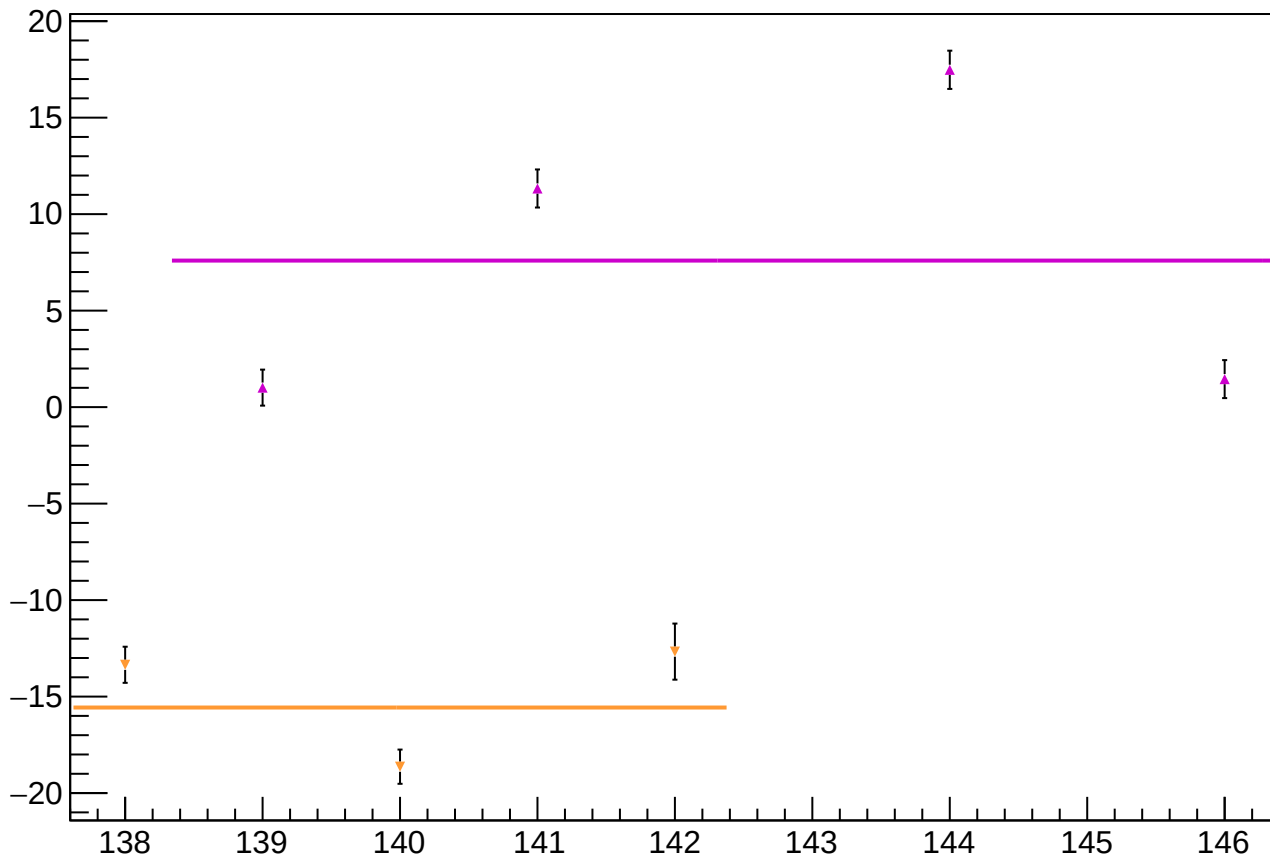
Left In: 47.442 ± 0.035 χ^2/NDF : 49508.9/3

-42.664 ± 0.024 χ^2/NDF : 67073.7/18

4.007 ± 0.016 χ^2/NDF : 7203192.6/41

43.910 ± 0.022 χ^2/NDF : 127823.8/22

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: -15.566+/-0.589 χ^2/NDF : 21.5/2

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

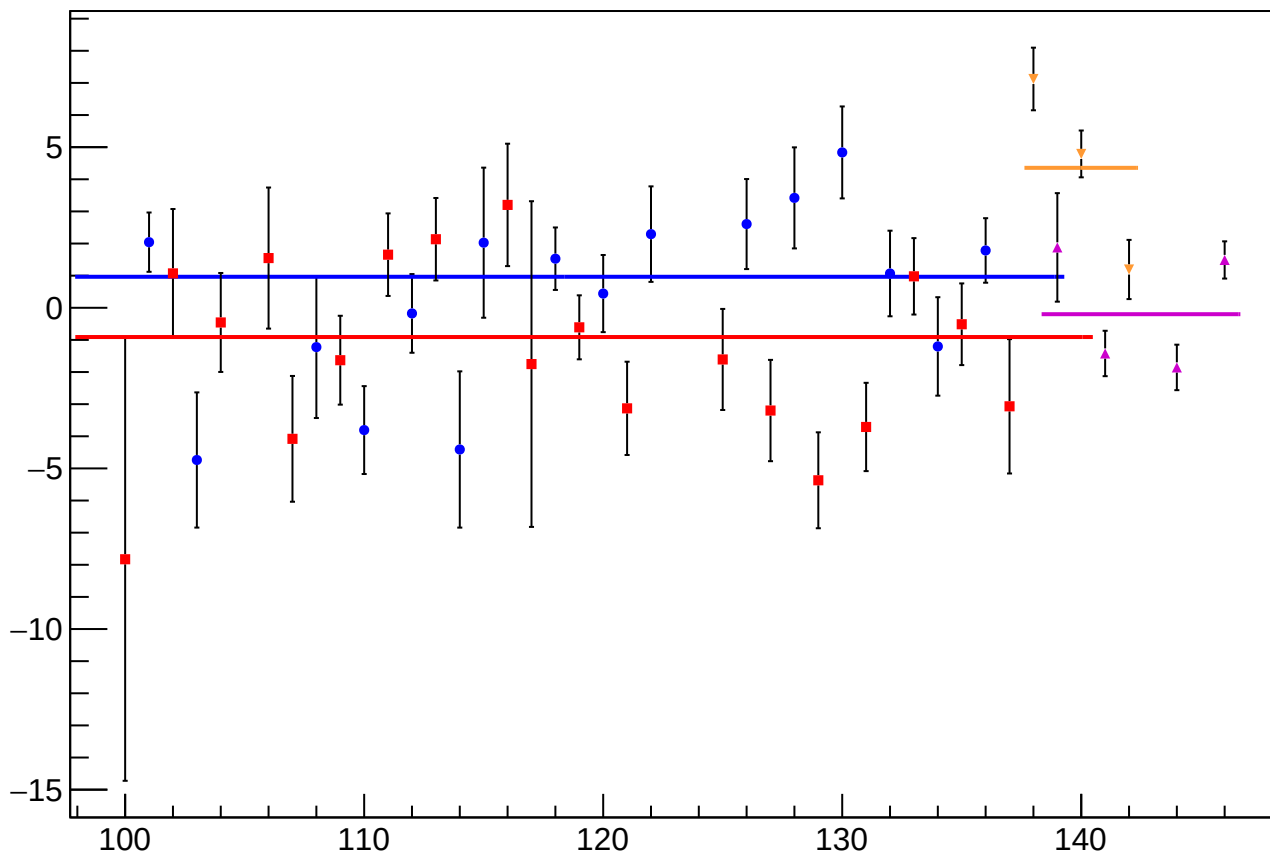
Left In: 7.593+/-0.486 χ^2/NDF : 202.6/3

-15.566+/-0.589 χ^2/NDF : 21.5/2

-1.807+/-0.375 χ^2/NDF : 1144.2/6

7.593+/-0.486 χ^2/NDF : 202.6/3

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: 4.357 ± 0.493 χ^2/NDF : 20.2/2

Right Out: -0.910 ± 0.353 χ^2/NDF : 42.0/18

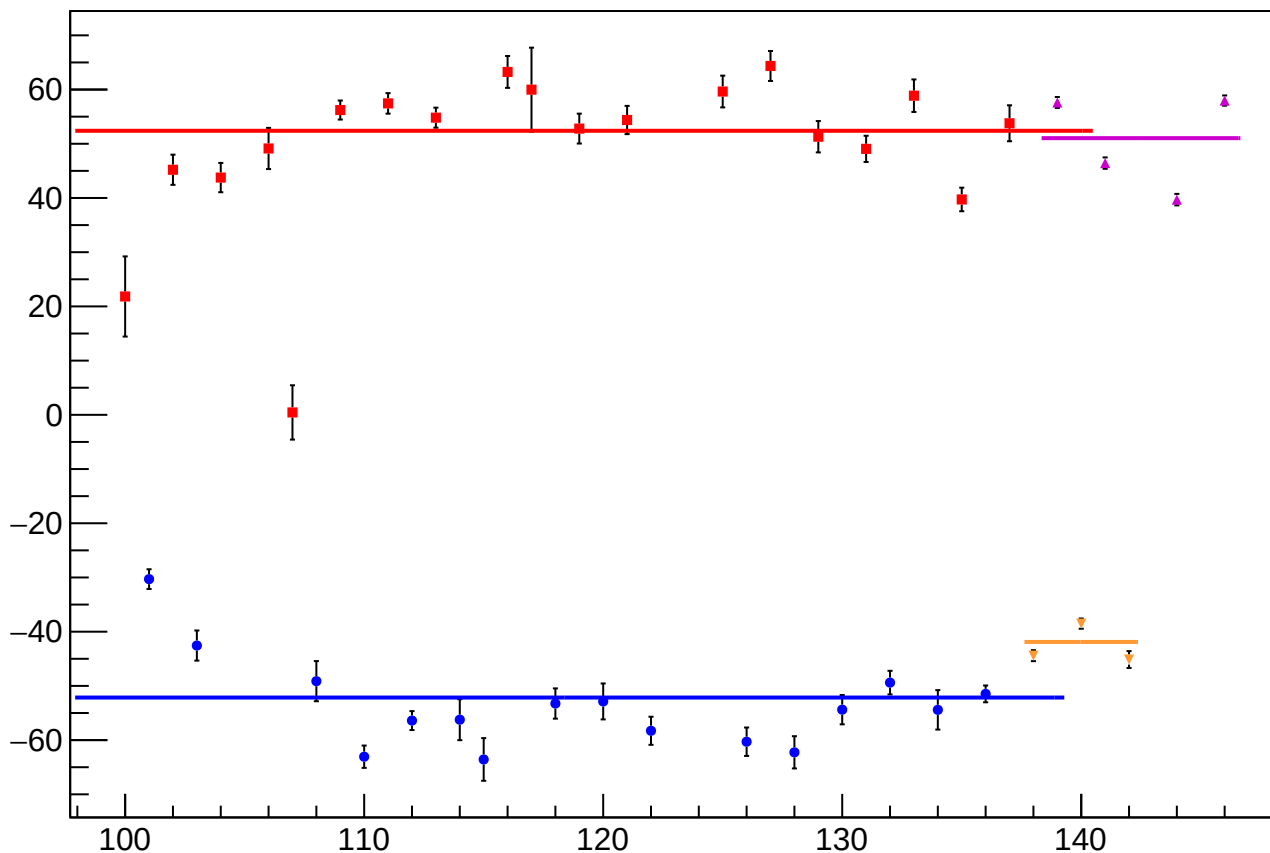
Left In: -0.199 ± 0.369 χ^2/NDF : 18.5/3

2.050 ± 0.279 χ^2/NDF : 95.3/18

0.624 ± 0.188 χ^2/NDF : 205.8/41

-0.571 ± 0.255 χ^2/NDF : 62.4/22

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: -41.893 ± 0.632 χ^2/NDF : 23.4/2

Right Out: 52.394 ± 0.614 χ^2/NDF : 236.7/18

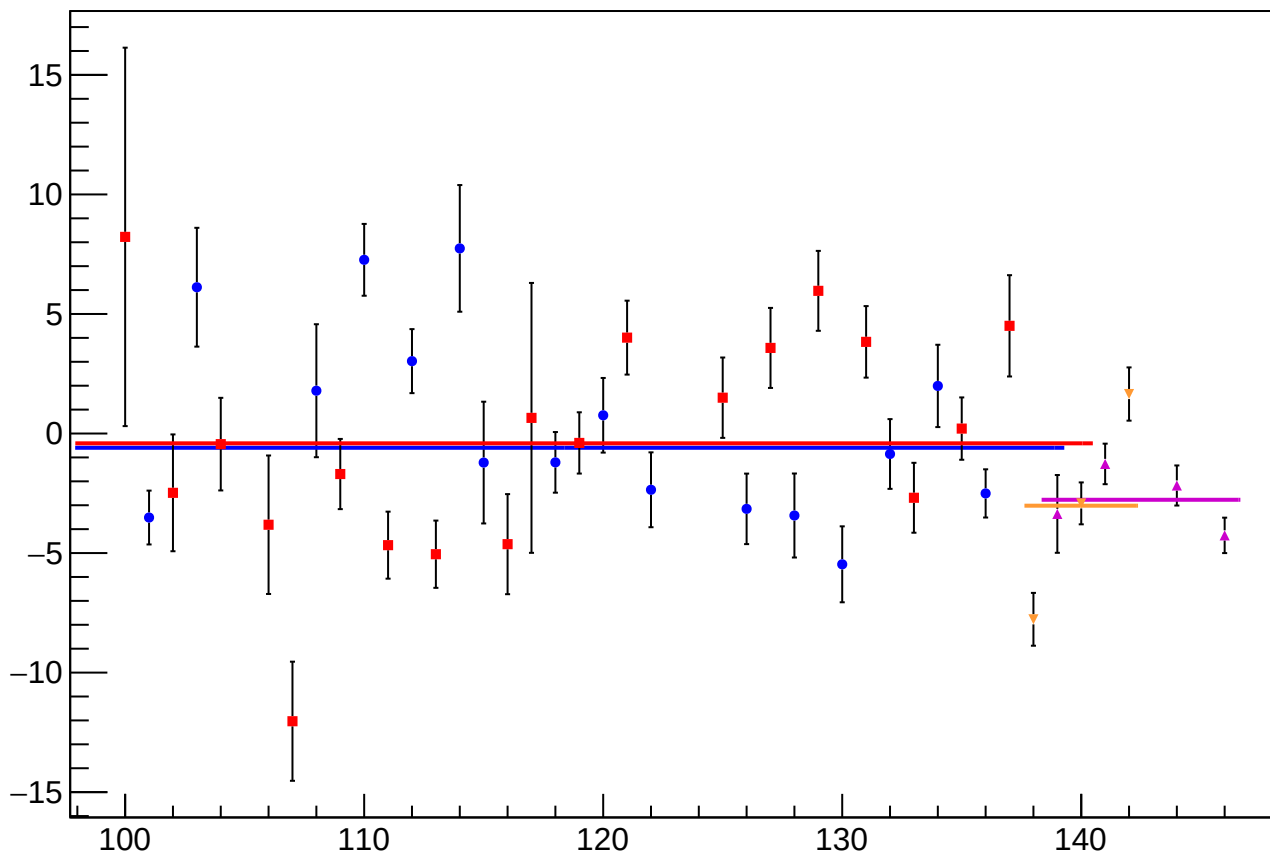
Left In: 51.035 ± 0.506 χ^2/NDF : 230.4/3

-47.184 ± 0.440 χ^2/NDF : 389.5/18

8.025 ± 0.292 χ^2/NDF : 29083.5/41

51.585 ± 0.390 χ^2/NDF : 470.1/22

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: -3.019 ± 0.584 χ^2/NDF : 36.1/2

Right Out: -0.411 ± 0.399 χ^2/NDF : 95.8/18

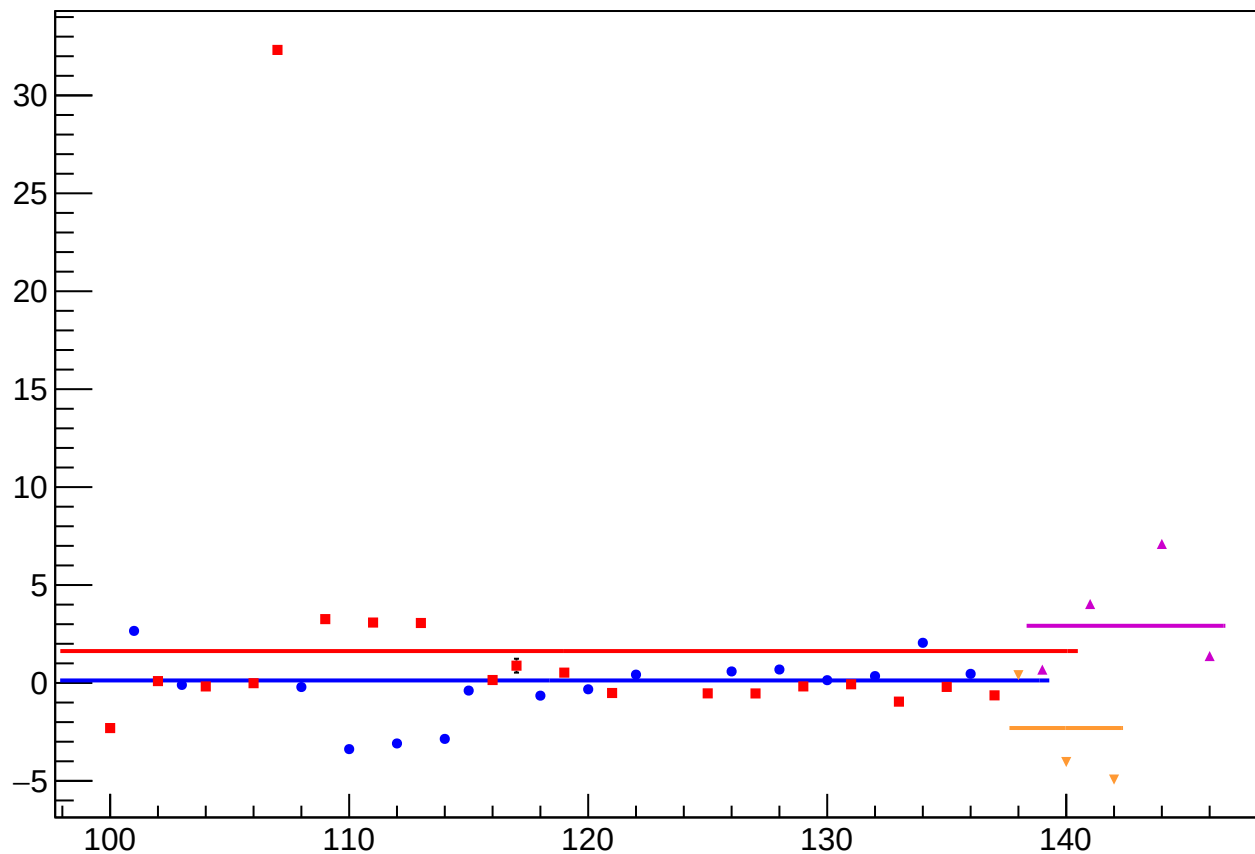
Left In: -2.771 ± 0.447 χ^2/NDF : 7.8/3

-1.326 ± 0.321 χ^2/NDF : 130.7/18

-1.397 ± 0.218 χ^2/NDF : 250.0/41

-1.458 ± 0.297 χ^2/NDF : 119.2/22

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: -2.301 ± 0.026 $\chi^2/\text{NDF}: 8191.7/2$

Right Out: 1.628 ± 0.022 $\chi^2/\text{NDF}: 77883.0/18$

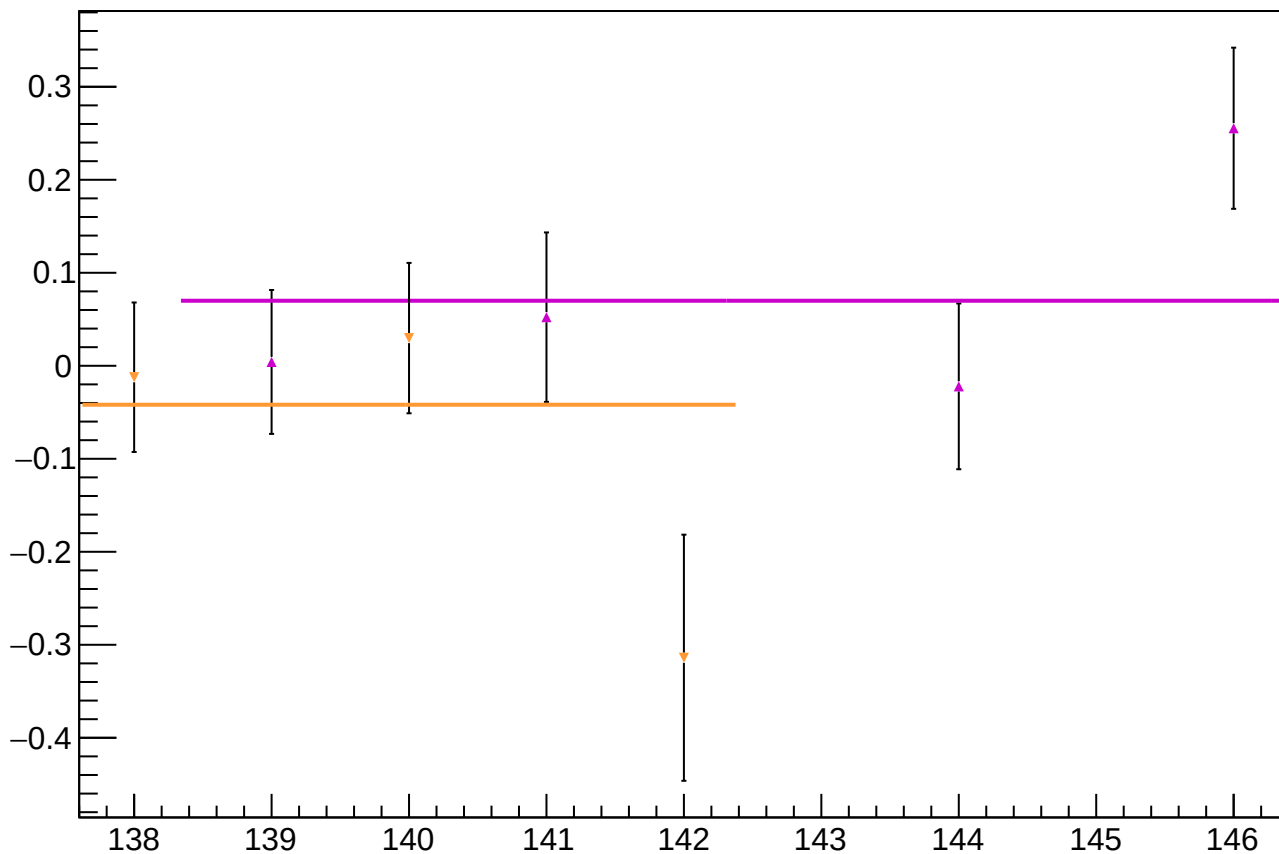
Left In: 2.919 ± 0.021 $\chi^2/\text{NDF}: 14018.0/3$

-0.861 ± 0.017 $\chi^2/\text{NDF}: 18643.0/18$

0.879 ± 0.011 $\chi^2/\text{NDF}: 132509.7/41$

2.306 ± 0.015 $\chi^2/\text{NDF}: 93749.0/22$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.042+/-0.052 χ^2/NDF : 5.1/2

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

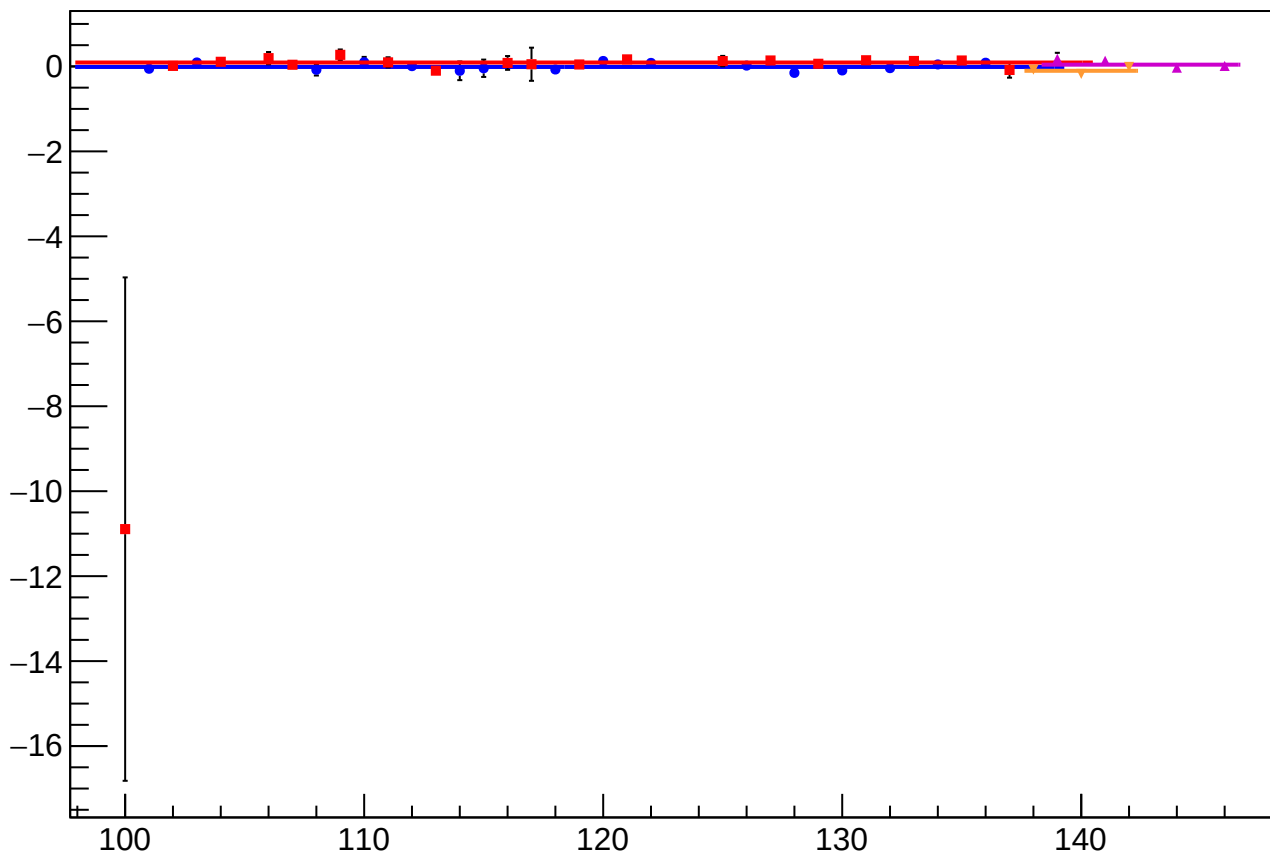
Left In: 0.070+/-0.043 χ^2/NDF : 6.4/3

-0.042+/-0.052 χ^2/NDF : 5.1/2

0.025+/-0.033 χ^2/NDF : 14.3/6

0.070+/-0.043 χ^2/NDF : 6.4/3

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.023 χ^2 /NDF: 12.2/15

Left Out: -0.103 $\pm$ 0.045 χ^2 /NDF: 2.5/2

Right Out: 0.092 $\pm$ 0.025 χ^2 /NDF: 12.7/18

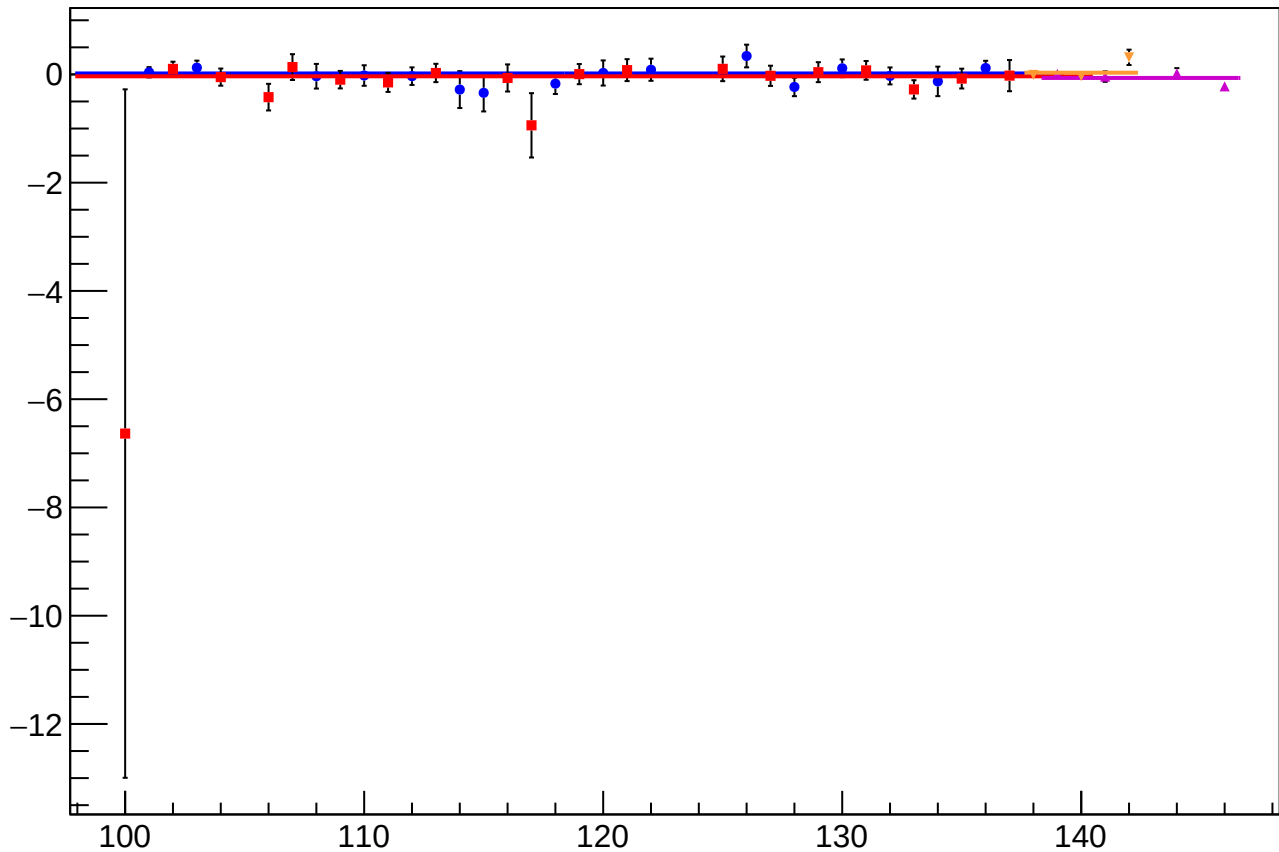
Left In: 0.041 $\pm$ 0.033 χ^2 /NDF: 4.5/3

-0.032 $\pm$ 0.021 χ^2 /NDF: 17.9/18

0.023 $\pm$ 0.014 χ^2 /NDF: 50.4/41

0.074 $\pm$ 0.020 χ^2 /NDF: 18.7/22

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: 0.032 ± 0.056 χ^2/NDF : 4.8/2

Right Out: -0.035 ± 0.045 χ^2/NDF : 11.5/18

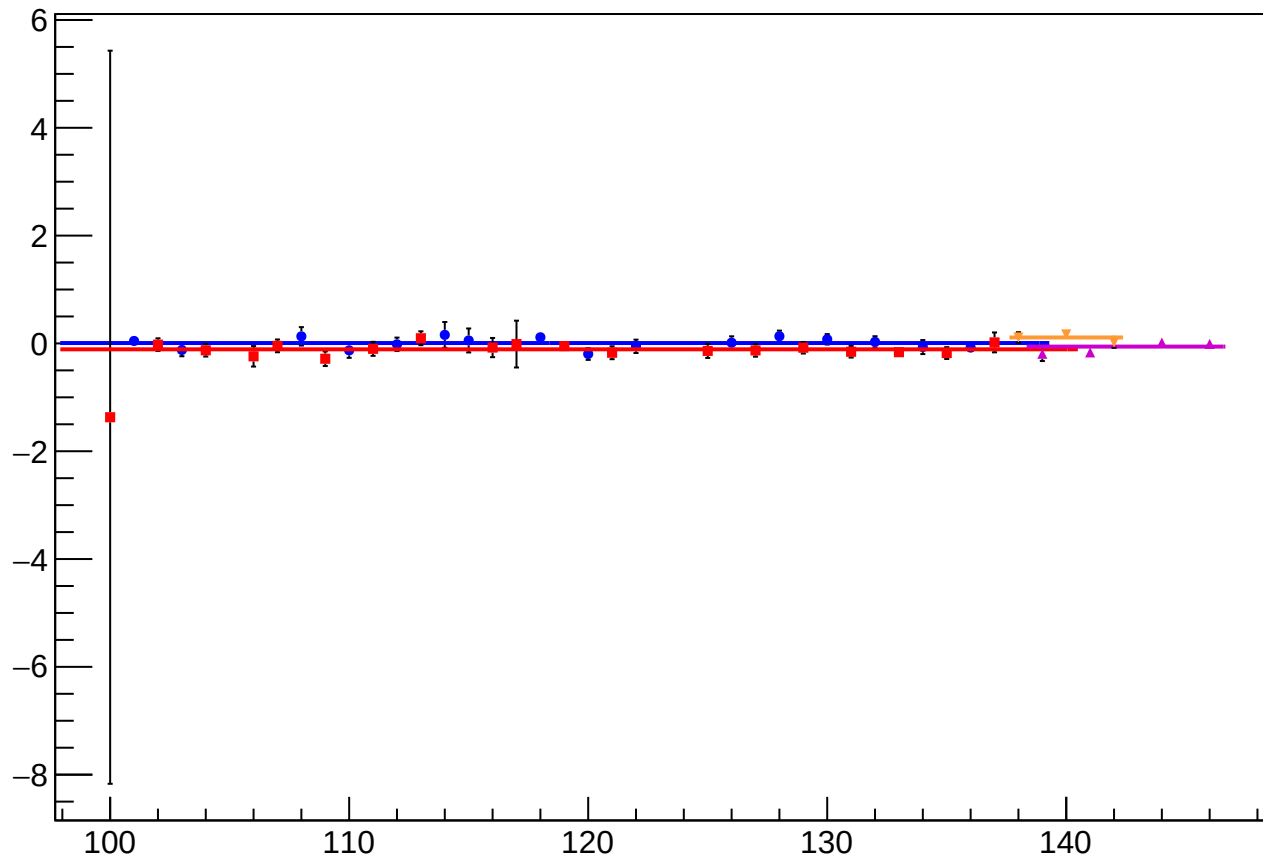
Left In: -0.065 ± 0.045 χ^2/NDF : 5.2/3

0.023 ± 0.034 χ^2/NDF : 14.5/18

-0.017 ± 0.023 χ^2/NDF : 33.9/41

-0.050 ± 0.032 χ^2/NDF : 16.9/22

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: 0.110 ± 0.053 χ^2/NDF : 1.3/2

Right Out: -0.109 ± 0.029 χ^2/NDF : 8.0/18

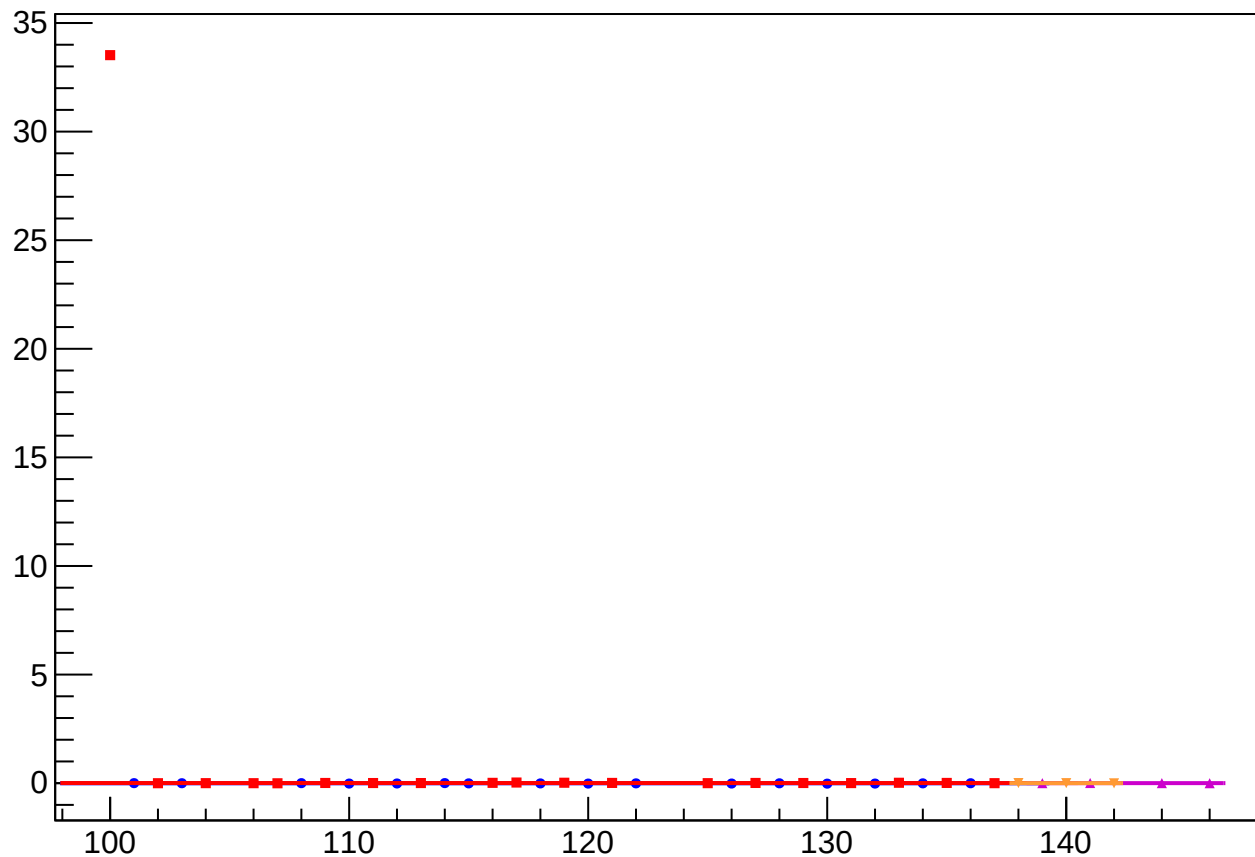
Left In: -0.059 ± 0.040 χ^2/NDF : 4.4/3

0.028 ± 0.024 χ^2/NDF : 16.5/18

-0.034 ± 0.017 χ^2/NDF : 43.0/41

-0.092 ± 0.023 χ^2/NDF : 13.5/22

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: 0.001 $\pm$ 0.002 χ^2 /NDF: 4.0/2

Right Out: 0.006 $\pm$ 0.001 χ^2 /NDF: 26509.7/18

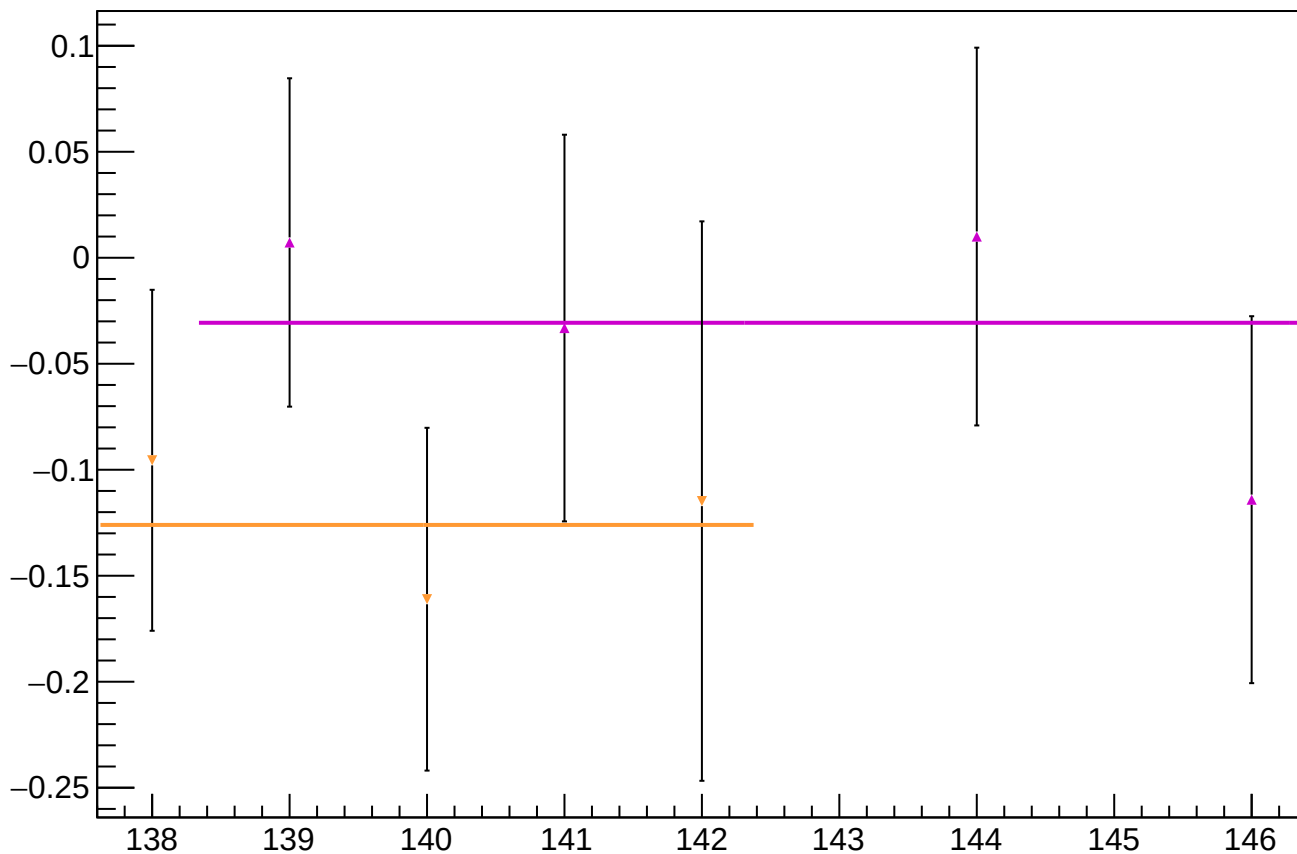
Left In: 0.002 $\pm$ 0.002 χ^2 /NDF: 2.9/3

-0.004 $\pm$ 0.001 χ^2 /NDF: 32.8/18

0.001 $\pm$ 0.001 χ^2 /NDF: 26570.8/41

0.004 $\pm$ 0.001 χ^2 /NDF: 26515.7/22

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: -0.126 $\pm$ 0.052 χ^2 /NDF: 0.3/2

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

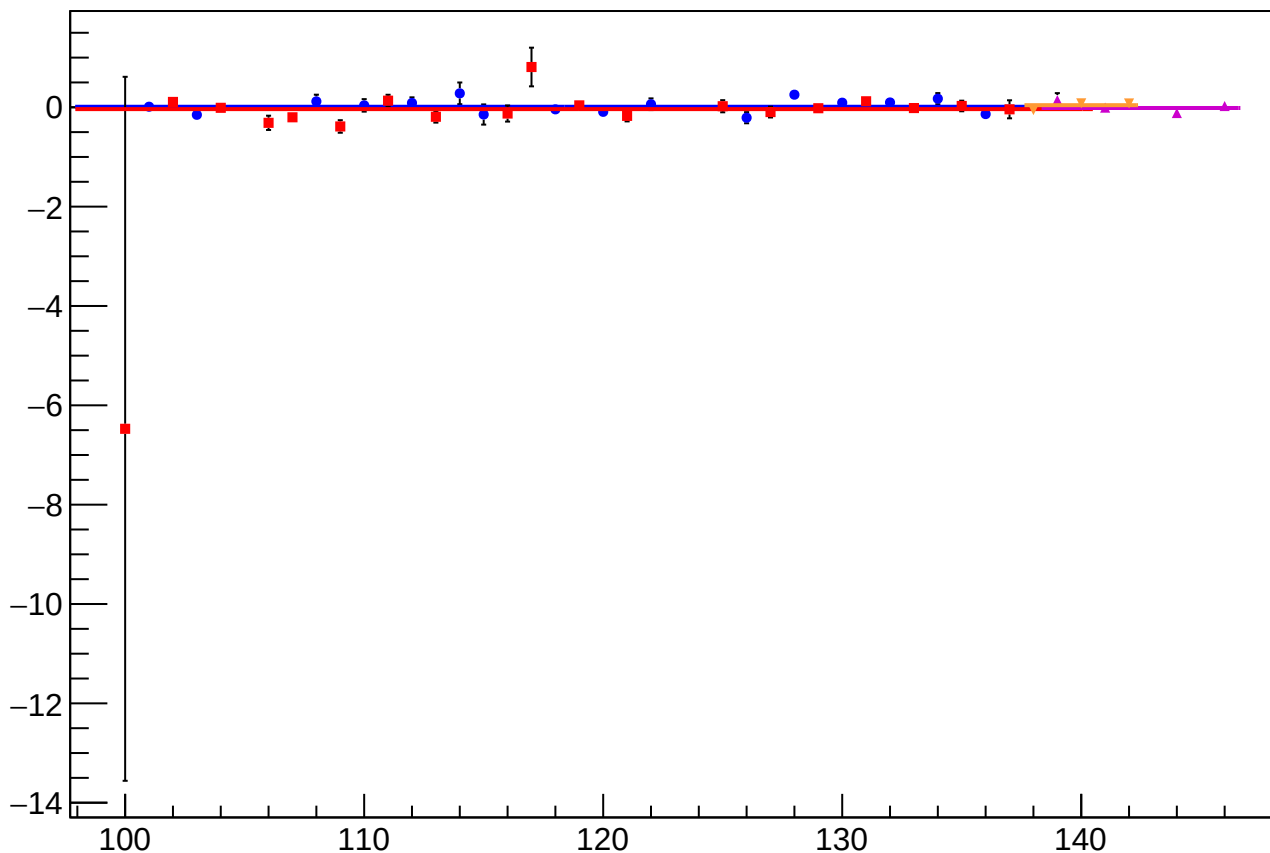
Left In: -0.031 $\pm$ 0.043 χ^2 /NDF: 1.4/3

-0.126 $\pm$ 0.052 χ^2 /NDF: 0.3/2

-0.069 $\pm$ 0.033 χ^2 /NDF: 3.7/6

-0.031 $\pm$ 0.043 χ^2 /NDF: 1.4/3

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: 0.042 $\pm$ 0.045 χ^2 /NDF: 1.8/2

Right Out: -0.037 $\pm$ 0.025 χ^2 /NDF: 32.7/18

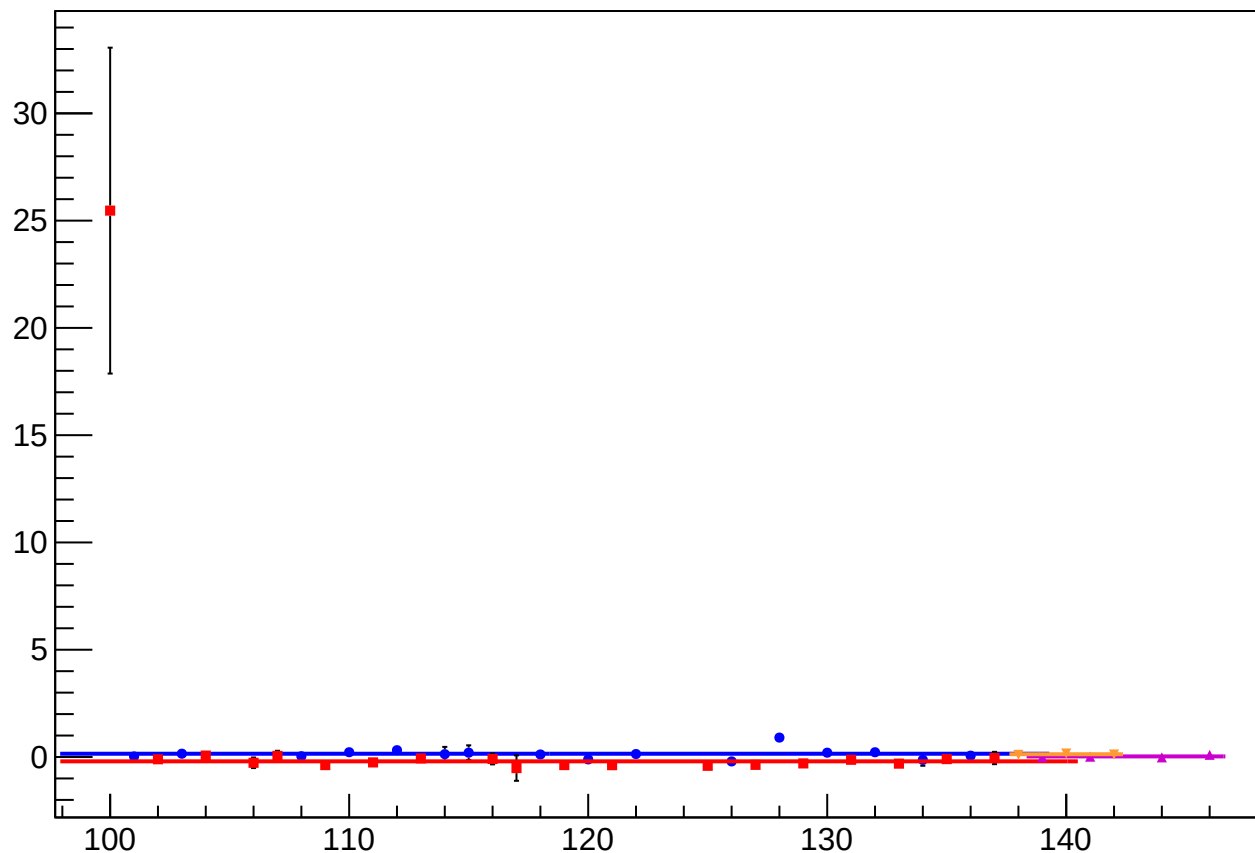
Left In: -0.014 $\pm$ 0.033 χ^2 /NDF: 4.4/3

0.017 $\pm$ 0.021 χ^2 /NDF: 27.6/18

-0.007 $\pm$ 0.014 χ^2 /NDF: 67.6/41

-0.029 $\pm$ 0.020 χ^2 /NDF: 37.4/22

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: 0.129 ± 0.056 $\chi^2/\text{NDF}: 0.3/2$

Right Out: -0.202 ± 0.045 $\chi^2/\text{NDF}: 23.2/18$

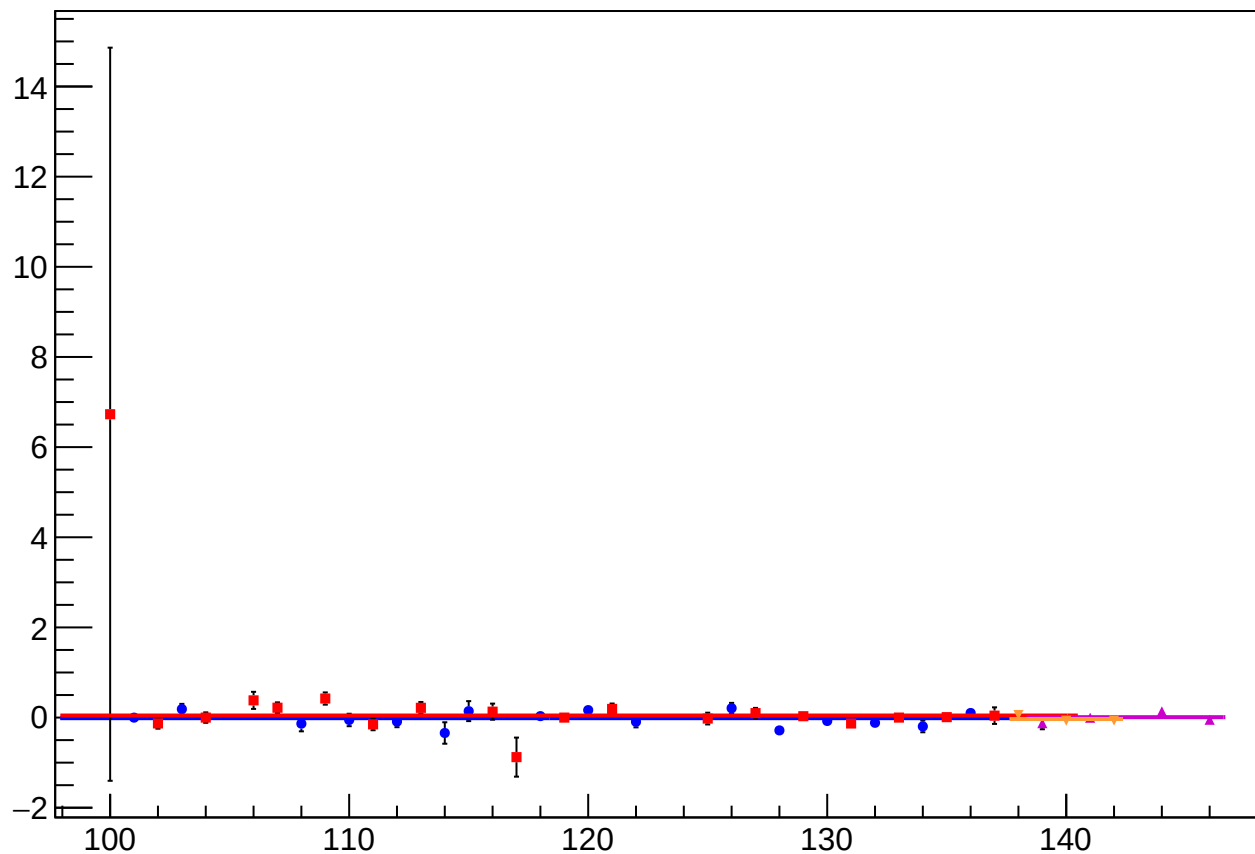
Left In: 0.027 ± 0.045 $\chi^2/\text{NDF}: 1.2/3$

0.143 ± 0.034 $\chi^2/\text{NDF}: 29.1/18$

0.020 ± 0.023 $\chi^2/\text{NDF}: 91.2/41$

-0.087 ± 0.032 $\chi^2/\text{NDF}: 37.6/22$

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: -0.032 ± 0.053 χ^2/NDF : 1.2/2

Right Out: 0.046 ± 0.029 χ^2/NDF : 30.3/18

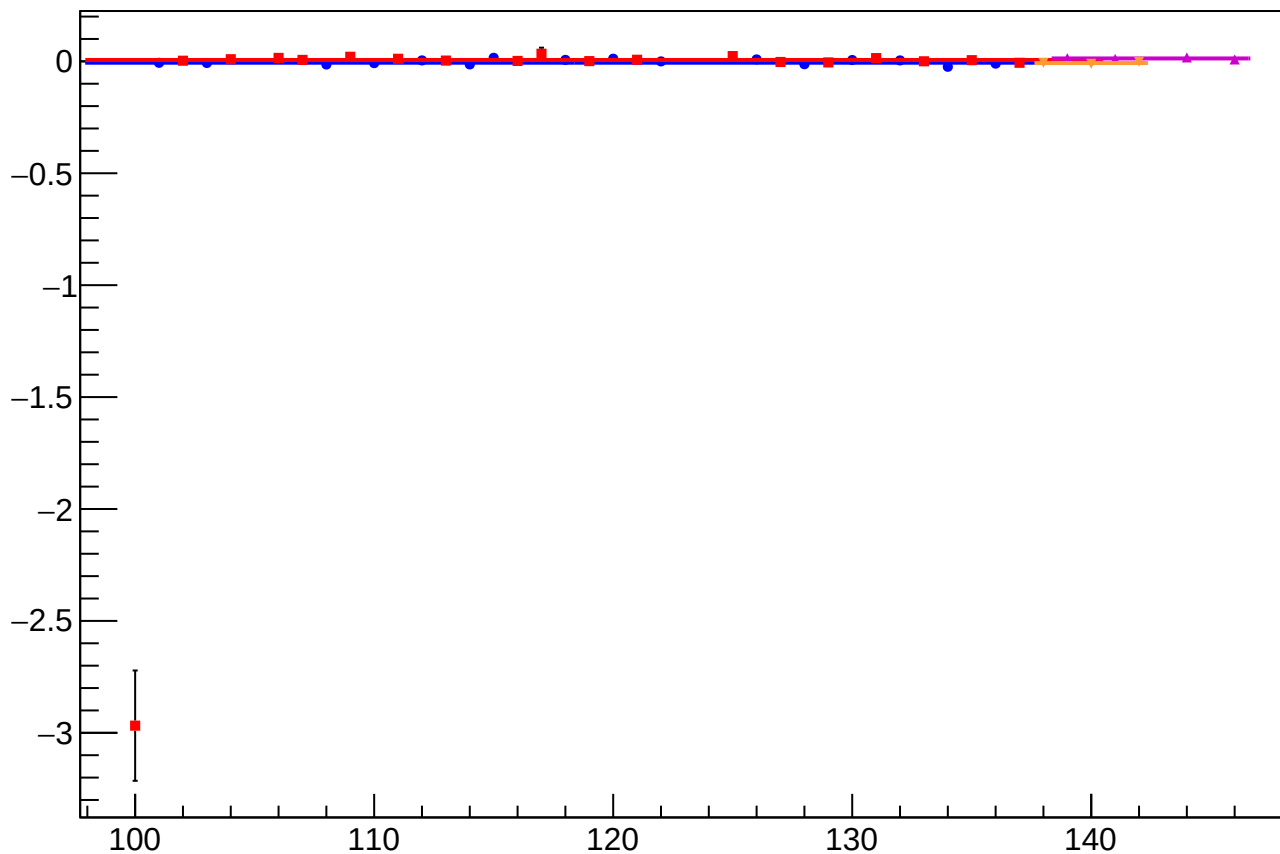
Left In: 0.009 ± 0.040 χ^2/NDF : 4.7/3

-0.017 ± 0.024 χ^2/NDF : 26.4/18

0.009 ± 0.017 χ^2/NDF : 64.3/41

0.033 ± 0.023 χ^2/NDF : 35.5/22

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 $\chi^2/\text{NDF}: 29.0/15$

Left Out: -0.008 ± 0.002 $\chi^2/\text{NDF}: 2.0/2$

Right Out: 0.006 ± 0.001 $\chi^2/\text{NDF}: 166.9/18$

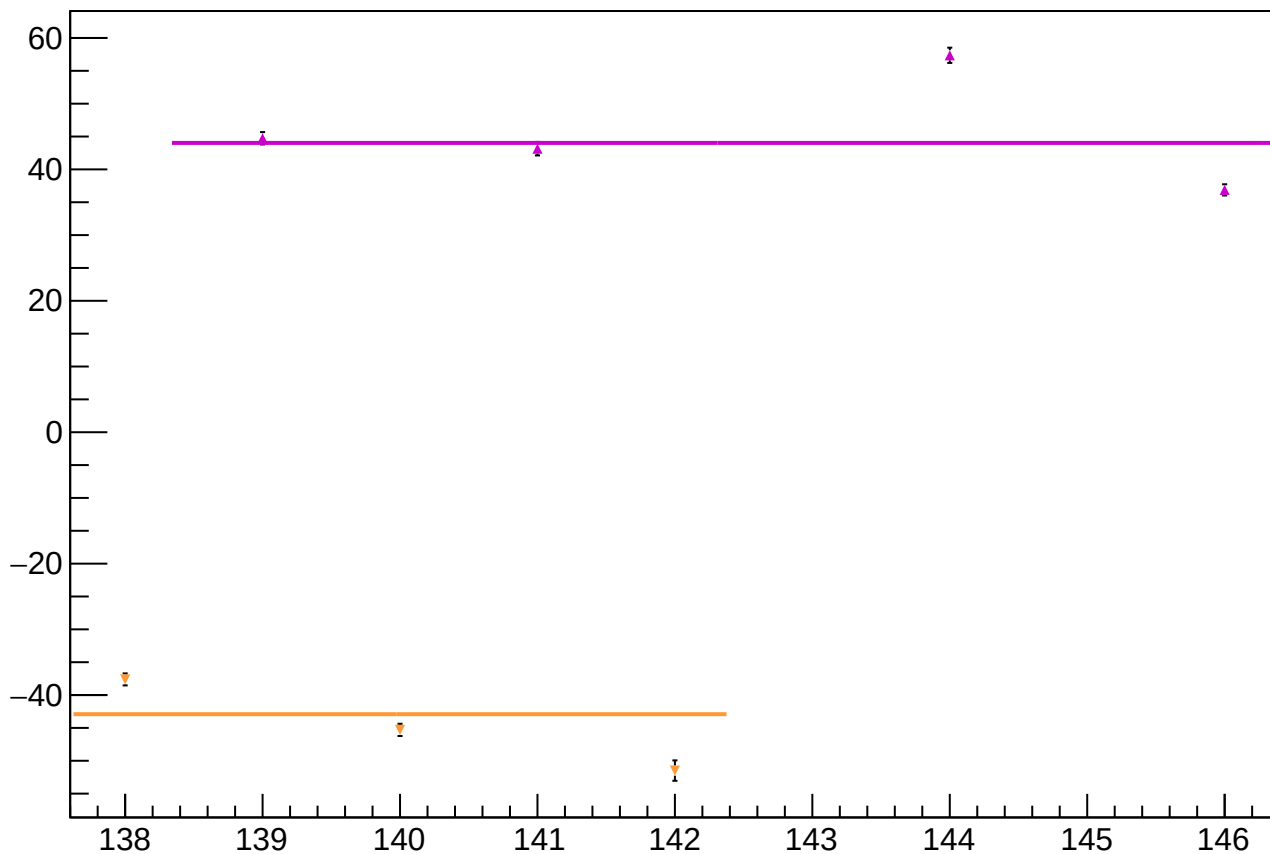
Left In: 0.013 ± 0.002 $\chi^2/\text{NDF}: 3.1/3$

-0.006 ± 0.001 $\chi^2/\text{NDF}: 31.3/18$

0.002 ± 0.001 $\chi^2/\text{NDF}: 293.3/41$

0.009 ± 0.001 $\chi^2/\text{NDF}: 178.6/22$

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: -42.910+/-0.603 χ^2/NDF : 70.4/2

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

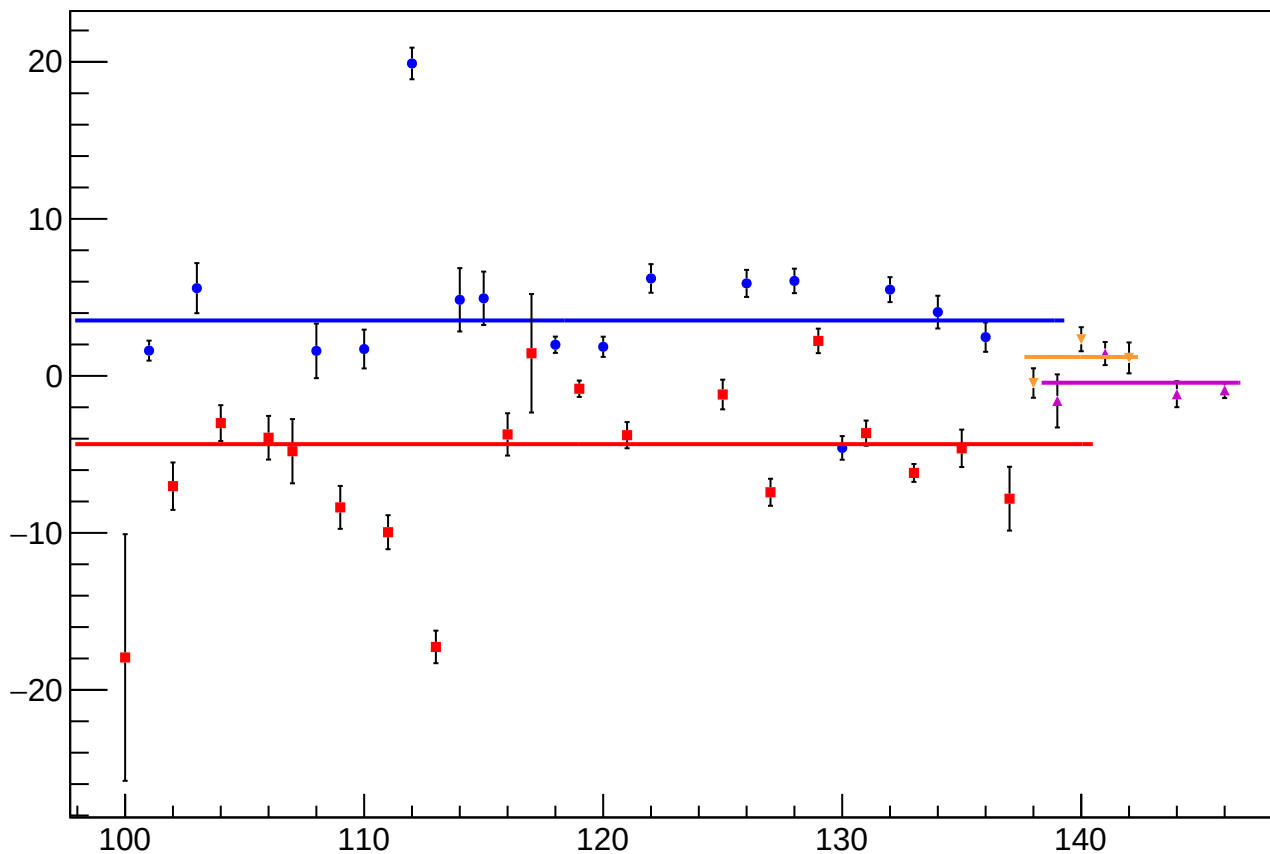
Left In: 44.031+/-0.488 χ^2/NDF : 203.8/3

-42.910+/-0.603 χ^2/NDF : 70.4/2

9.554+/-0.379 χ^2/NDF : 12836.0/6

44.031+/-0.488 χ^2/NDF : 203.8/3

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: 1.203 ± 0.508 χ^2/NDF : 5.3/2

Right Out: -4.349 ± 0.225 χ^2/NDF : 356.2/18

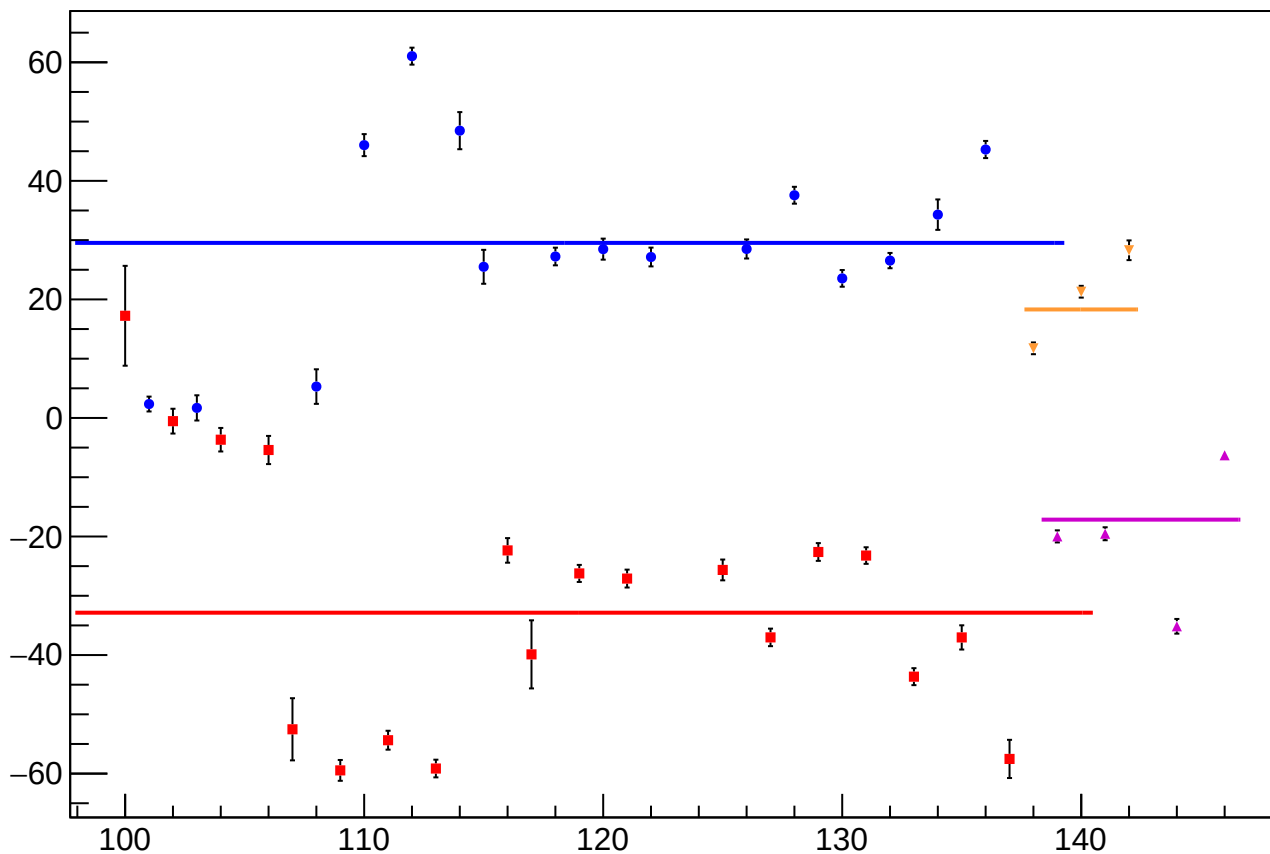
Left In: -0.436 ± 0.360 χ^2/NDF : 8.6/3

3.169 ± 0.200 χ^2/NDF : 469.6/18

-0.188 ± 0.138 χ^2/NDF : 1459.2/41

-3.249 ± 0.191 χ^2/NDF : 449.7/22

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: 18.305+/-0.647 χ^2/NDF : 88.7/2

Right Out: -32.854+/-0.422 χ^2/NDF : 1660.8/18

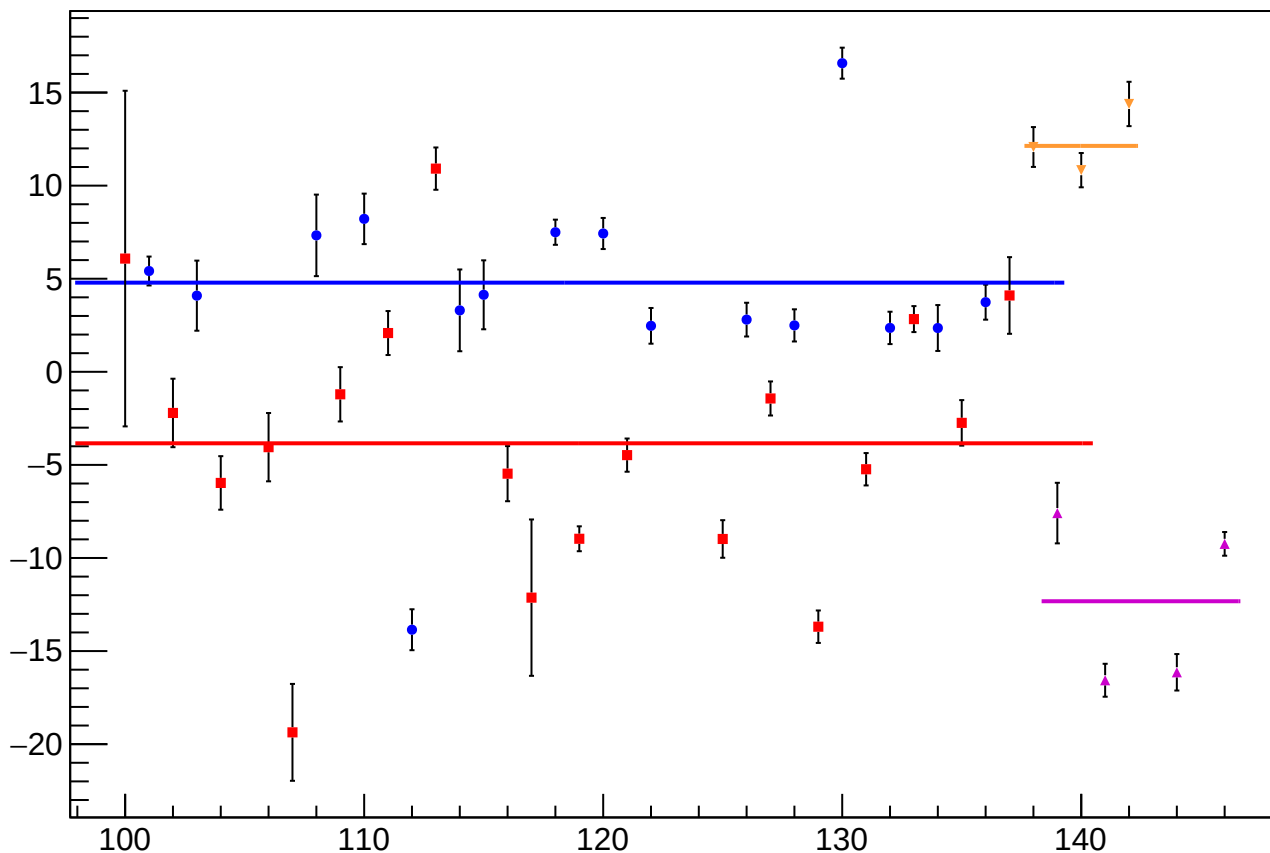
Left In: -17.154+/-0.503 χ^2/NDF : 400.6/3

26.243+/-0.350 χ^2/NDF : 1796.4/18

-2.188+/-0.238 χ^2/NDF : 16614.9/41

-26.375+/-0.323 χ^2/NDF : 2633.3/22

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 12.135 ± 0.602 χ^2/NDF : 5.6/2

Right Out: -3.840 ± 0.258 χ^2/NDF : 571.5/18

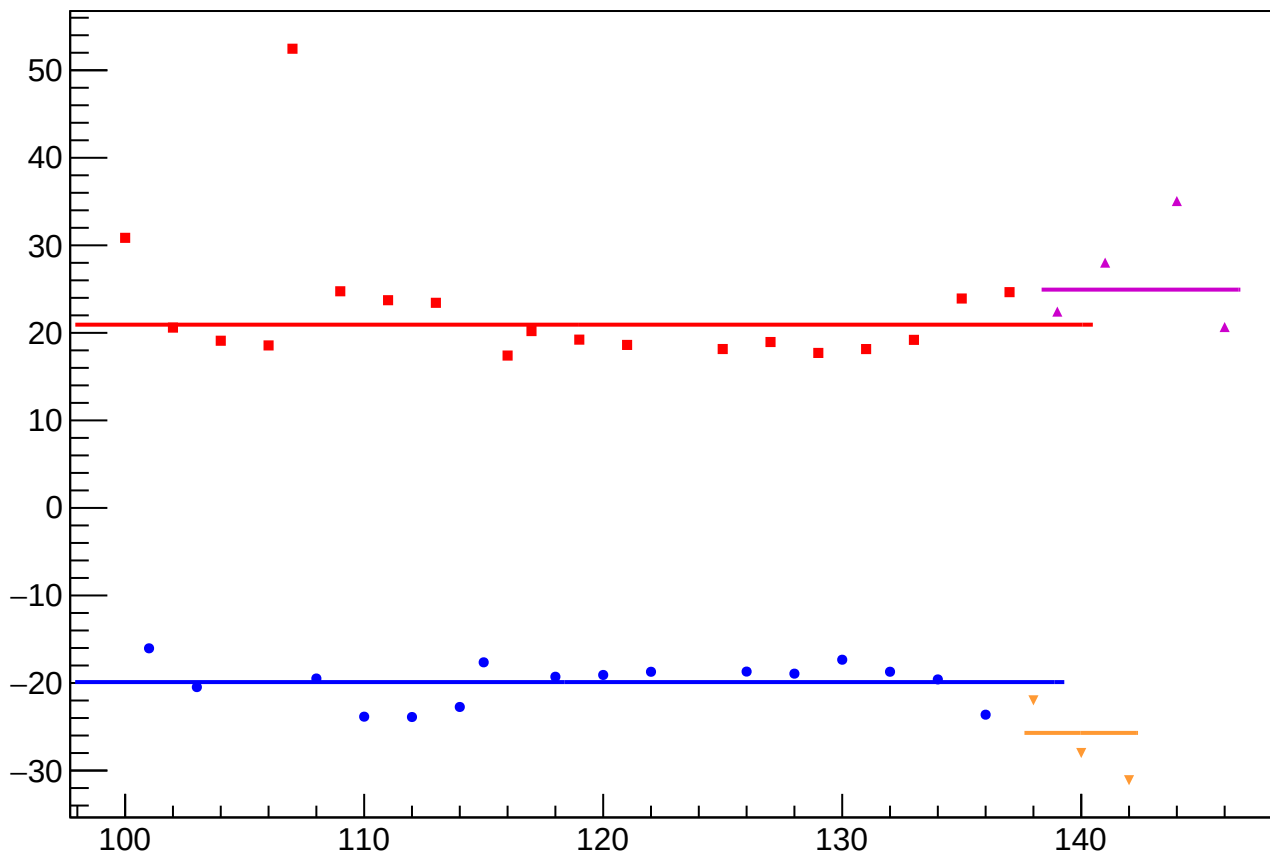
Left In: -12.324 ± 0.440 χ^2/NDF : 70.1/3

5.877 ± 0.232 χ^2/NDF : 686.2/18

-0.307 ± 0.161 χ^2/NDF : 2972.7/41

-6.017 ± 0.223 χ^2/NDF : 918.2/22

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.895 ± 0.016 χ^2/NDF : 26073.6/15

Left Out: -25.700 ± 0.027 χ^2/NDF : 18412.0/2

Right Out: 20.936 ± 0.016 χ^2/NDF : 94073.0/18

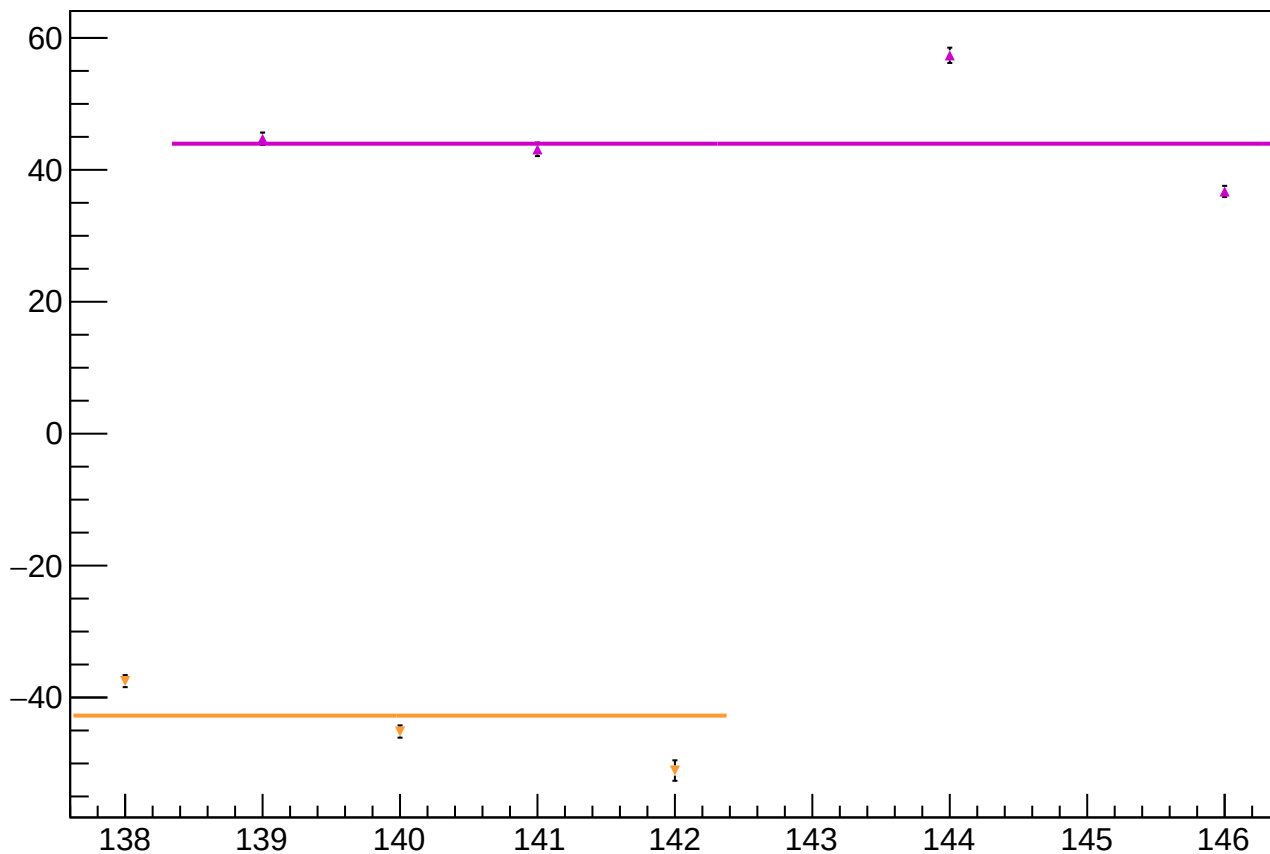
Left In: 24.939 ± 0.021 χ^2/NDF : 57260.4/3

-21.374 ± 0.013 χ^2/NDF : 79900.5/18

2.100 ± 0.009 χ^2/NDF : 5943279.5/41

22.396 ± 0.012 χ^2/NDF : 175110.6/22

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: -42.742+/-0.602 χ^2/NDF : 68.1/2

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

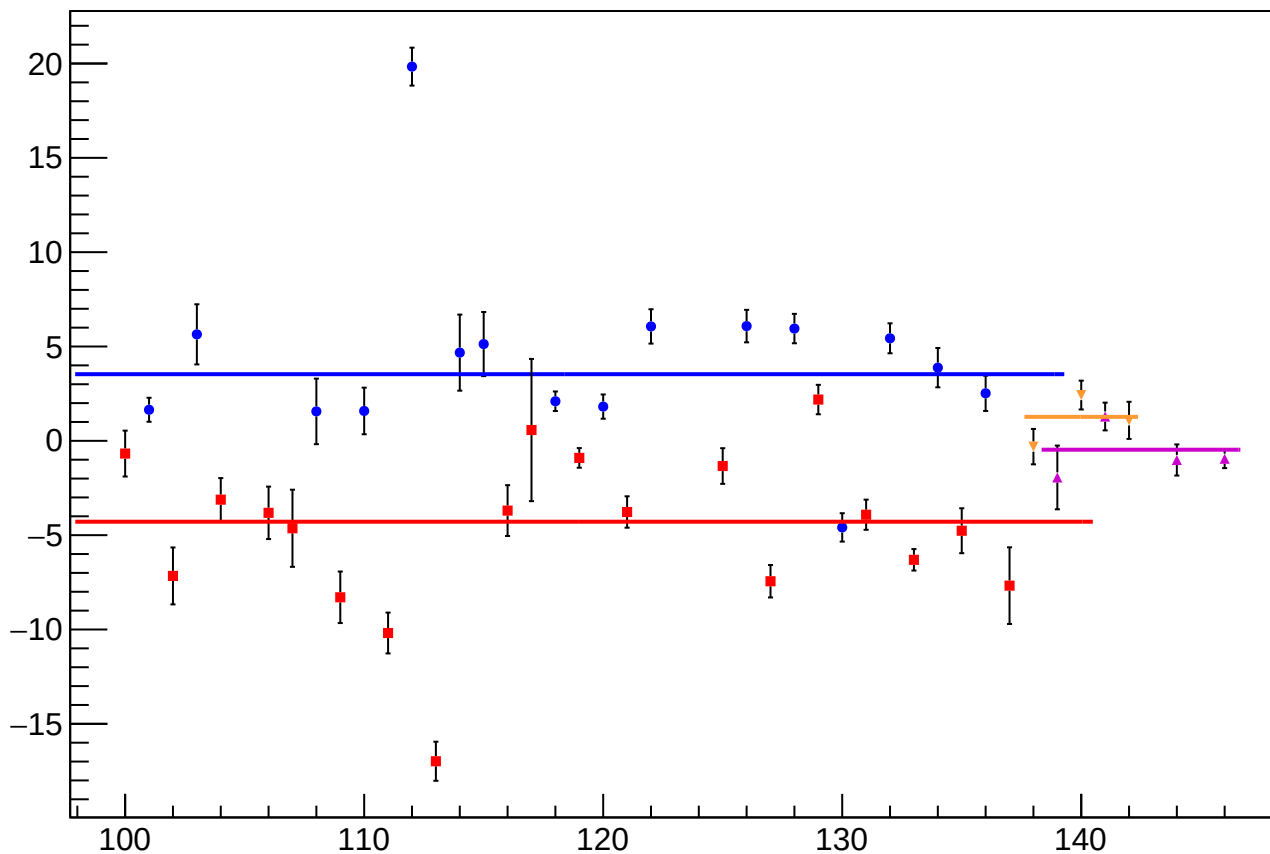
Left In: 43.965+/-0.488 χ^2/NDF : 207.2/3

-42.742+/-0.602 χ^2/NDF : 68.1/2

9.585+/-0.379 χ^2/NDF : 12783.5/6

43.965+/-0.488 χ^2/NDF : 207.2/3

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: 1.270 ± 0.507 $\chi^2/\text{NDF}: 5.2/2$

Right Out: -4.286 ± 0.221 $\chi^2/\text{NDF}: 354.5/18$

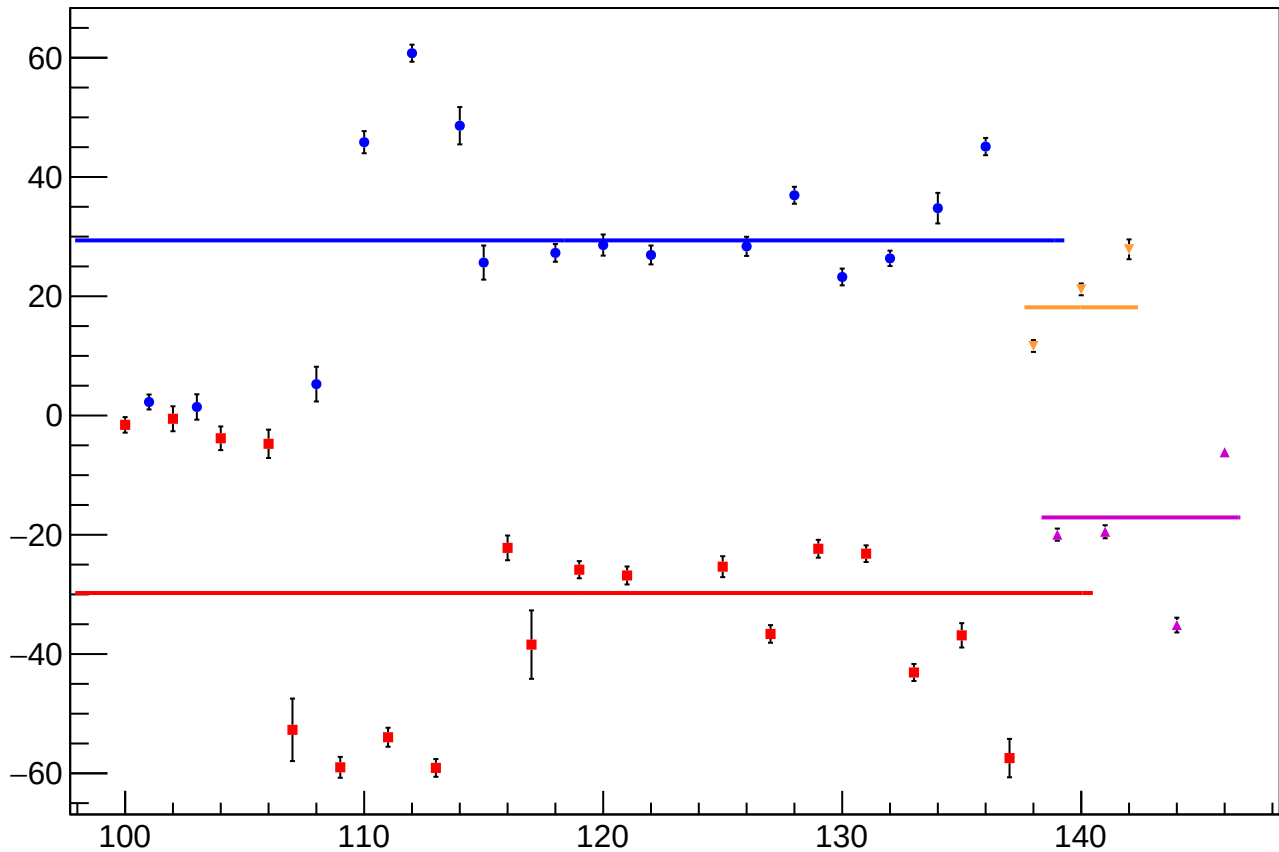
Left In: -0.470 ± 0.360 $\chi^2/\text{NDF}: 7.9/3$

3.182 ± 0.200 $\chi^2/\text{NDF}: 465.2/18$

-0.215 ± 0.137 $\chi^2/\text{NDF}: 1456.3/41$

-3.240 ± 0.188 $\chi^2/\text{NDF}: 444.0/22$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.367 $\pm$ 0.416 χ^2/NDF : 1488.7/15

Left Out: 18.145 $\pm$ 0.647 χ^2/NDF : 86.1/2

Right Out: -29.761 $\pm$ 0.401 χ^2/NDF : 2131.8/18

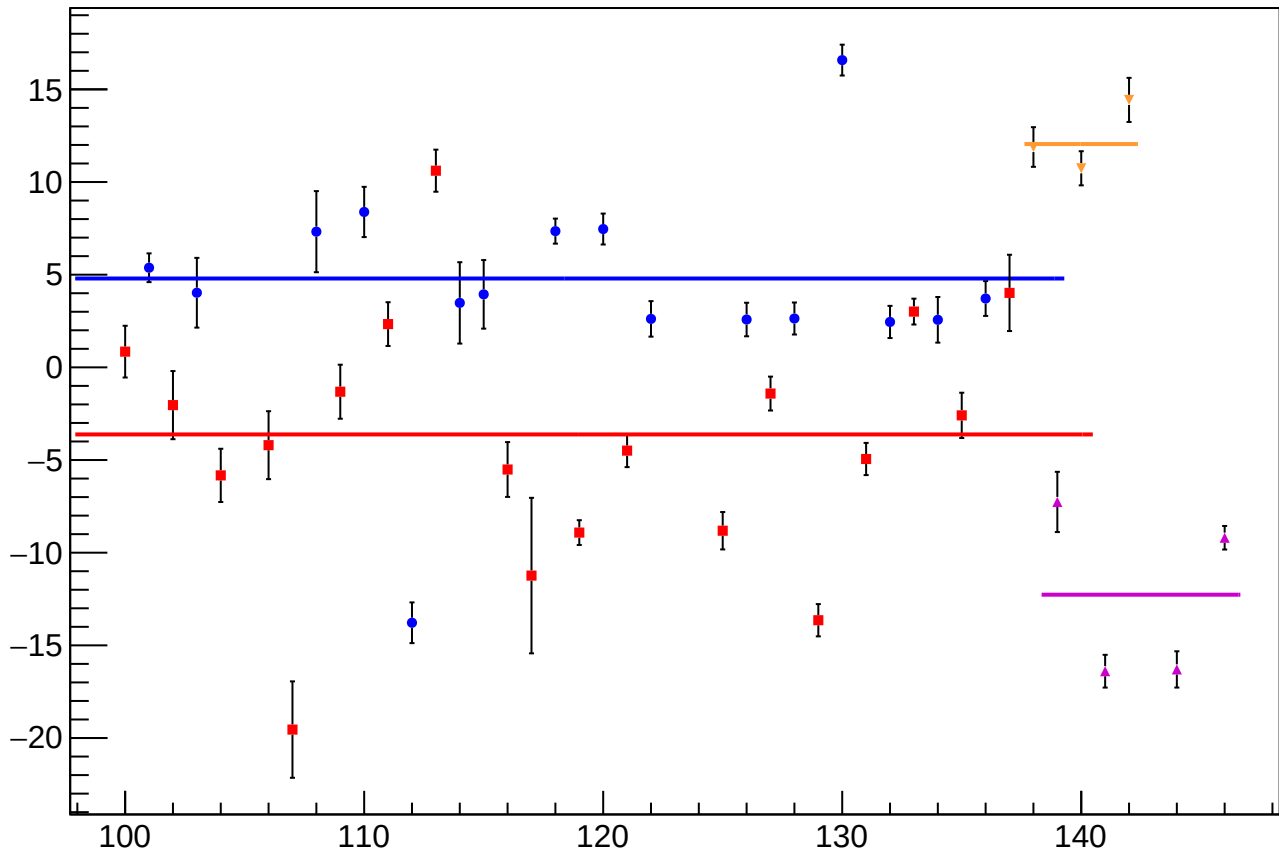
Left In: -17.092 $\pm$ 0.503 χ^2/NDF : 404.9/3

26.078 $\pm$ 0.350 χ^2/NDF : 1787.6/18

-2.162 $\pm$ 0.234 χ^2/NDF : 16436.0/41

-24.828 $\pm$ 0.314 χ^2/NDF : 2924.5/22

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 12.049 ± 0.602 $\chi^2/\text{NDF}: 6.0/2$

Right Out: -3.619 ± 0.254 $\chi^2/\text{NDF}: 576.6/18$

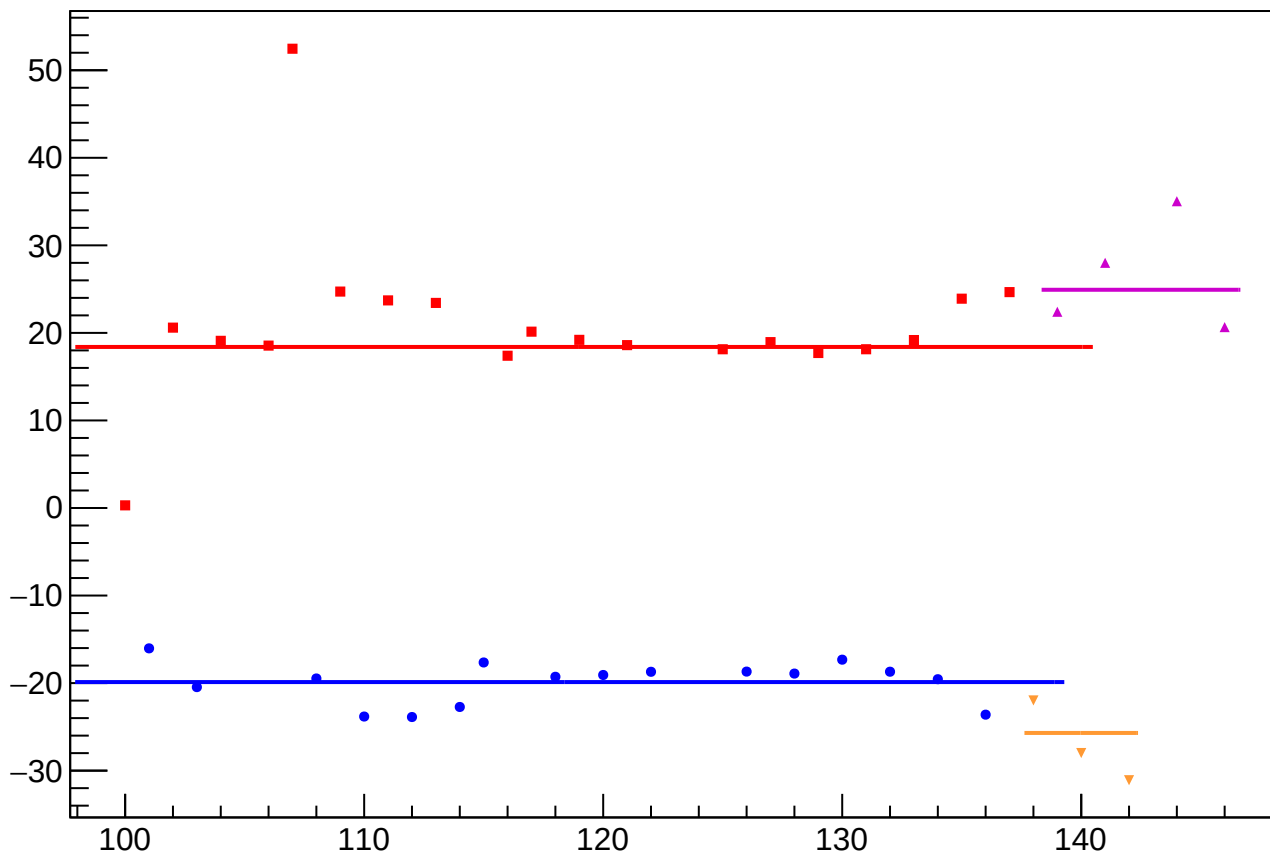
Left In: -12.267 ± 0.440 $\chi^2/\text{NDF}: 71.6/3$

5.869 ± 0.232 $\chi^2/\text{NDF}: 679.7/18$

-0.261 ± 0.160 $\chi^2/\text{NDF}: 2948.5/41$

-5.784 ± 0.220 $\chi^2/\text{NDF}: 938.3/22$

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883±/0.016 χ^2/NDF : 26063.5/15

Left Out: -25.694±/0.027 χ^2/NDF : 18388.1/2

Right Out: 18.395±/0.015 χ^2/NDF : 301292.0/18

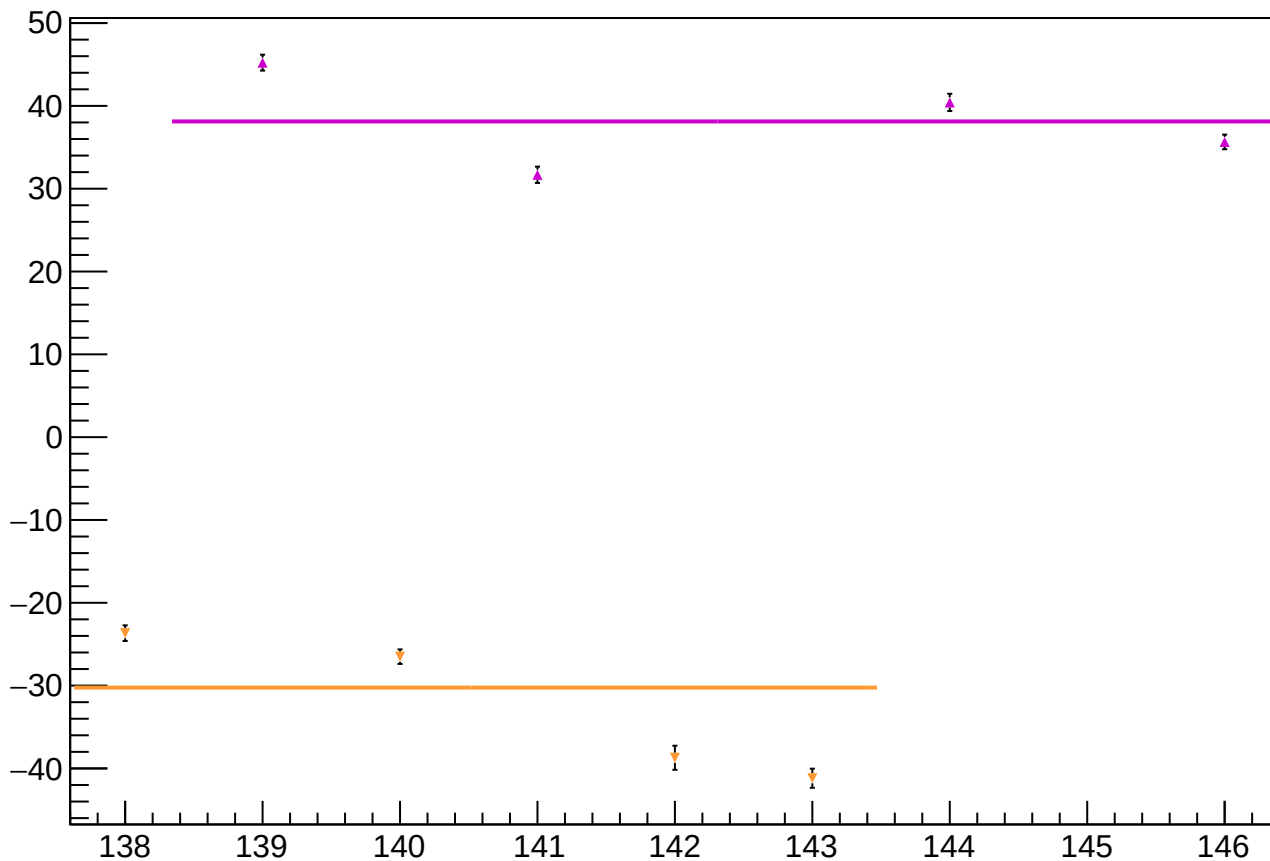
Left In: 24.926±/0.021 χ^2/NDF : 57216.4/3

-21.363±/0.013 χ^2/NDF : 79981.0/18

1.987±/0.009 χ^2/NDF : 5934945.5/41

20.591±/0.012 χ^2/NDF : 424724.0/22

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -30.240+/-0.524 χ^2/NDF :190.3/3

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

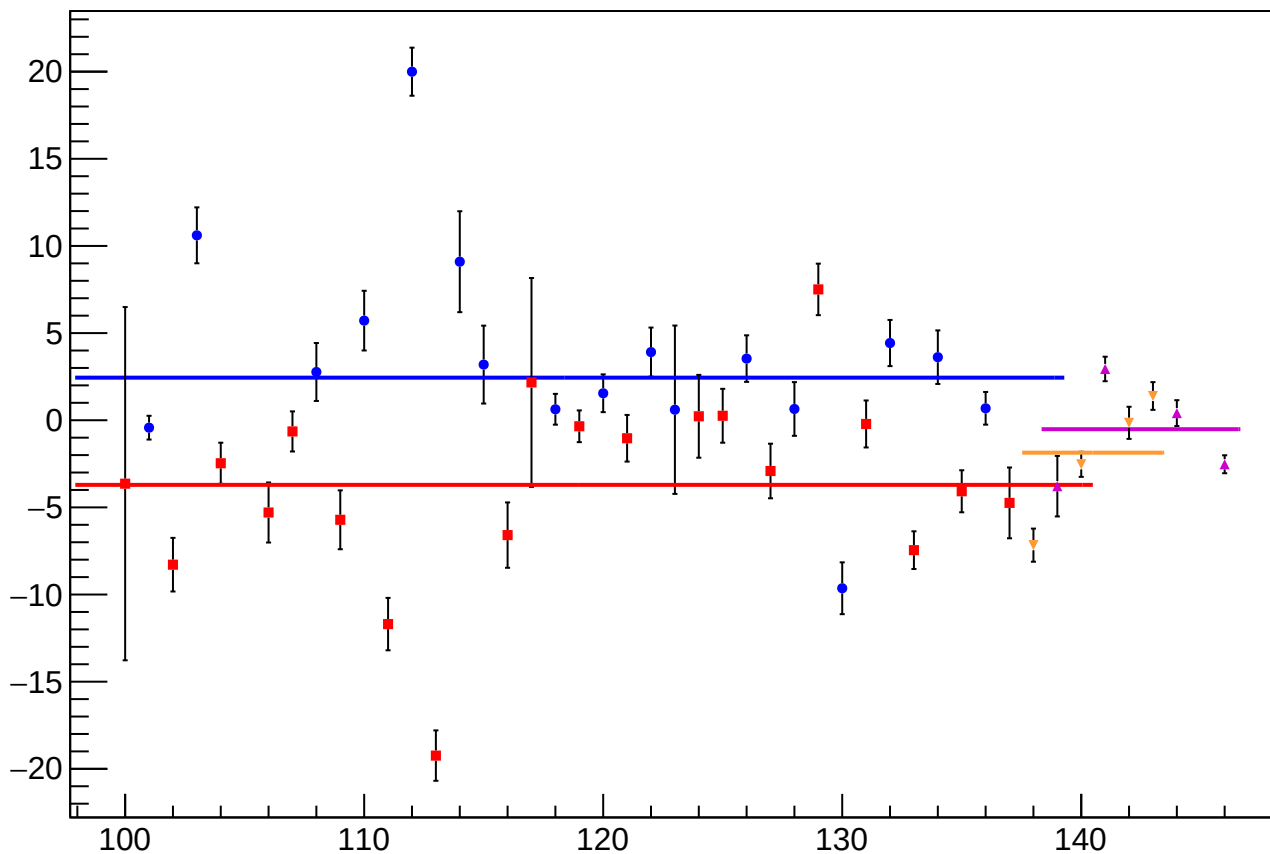
Left In: 38.120+/-0.482 χ^2/NDF :109.9/3

-30.240+/-0.524 χ^2/NDF : 190.3/3

6.812+/-0.355 χ^2/NDF : 9520.7/7

38.120+/-0.482 χ^2/NDF : 109.9/3

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.311 $\chi^2/\text{NDF}: 295.3/16$

Left Out: -1.861 ± 0.415 $\chi^2/\text{NDF}: 52.2/3$

Right Out: -3.708 ± 0.326 $\chi^2/\text{NDF}: 270.1/19$

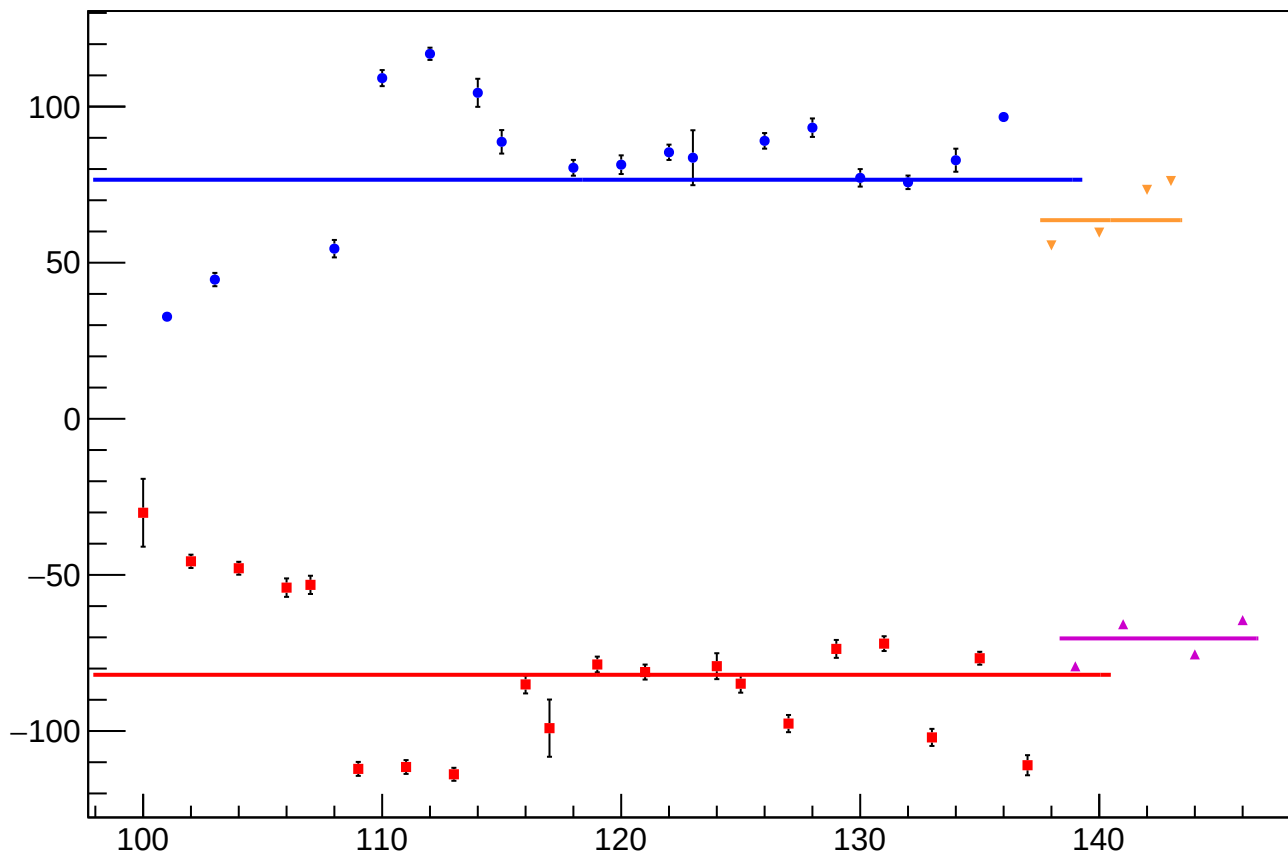
Left In: -0.514 ± 0.355 $\chi^2/\text{NDF}: 44.5/3$

0.897 ± 0.249 $\chi^2/\text{NDF}: 416.3/20$

-0.730 ± 0.173 $\chi^2/\text{NDF}: 857.2/44$

-2.245 ± 0.240 $\chi^2/\text{NDF}: 358.4/23$

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: 63.622 $\pm$ 0.562 χ^2 /NDF:223.0/3

Right Out: -81.994 $\pm$ 0.591 χ^2 /NDF: 1574.1/19

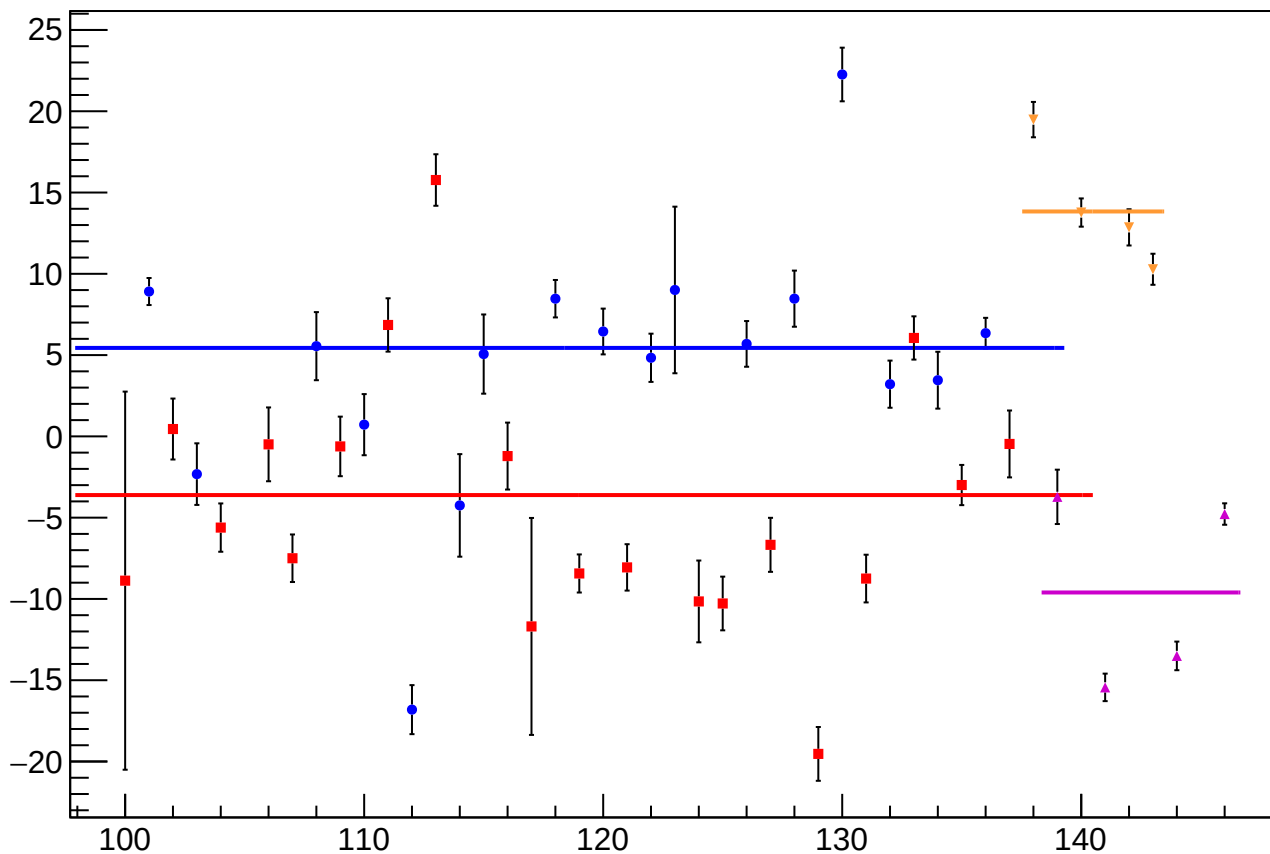
Left In: -70.346 $\pm$ 0.498 χ^2 /NDF:161.6/3

69.966 $\pm$ 0.401 χ^2 /NDF: 2736.9/20

-6.434 $\pm$ 0.276 χ^2 /NDF: 73574.8/44

-75.183 $\pm$ 0.381 χ^2 /NDF: 1963.1/23

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: 13.835 ± 0.496 $\chi^2/\text{NDF}: 41.6/3$

Right Out: -3.611 ± 0.375 $\chi^2/\text{NDF}: 424.7/19$

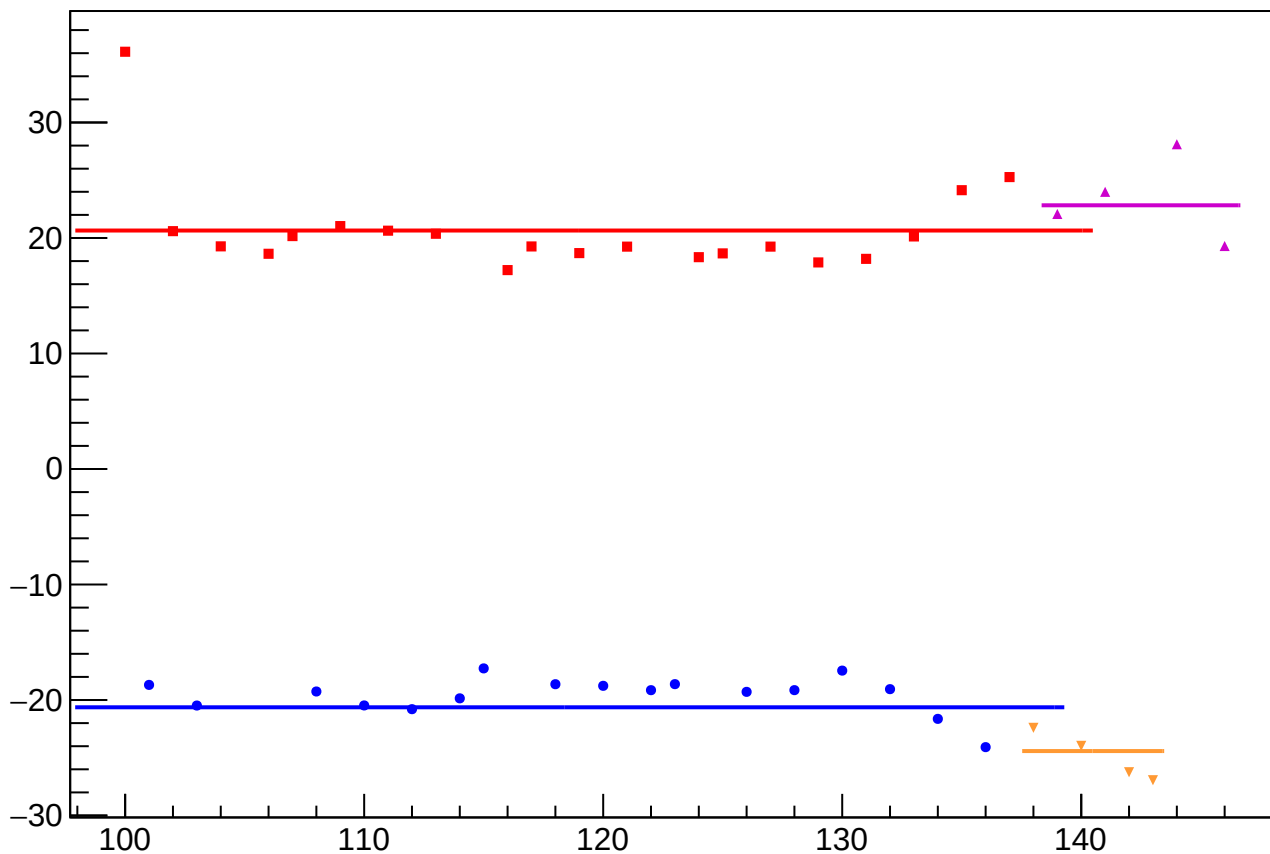
Left In: -9.603 ± 0.433 $\chi^2/\text{NDF}: 133.2/3$

8.312 ± 0.290 $\chi^2/\text{NDF}: 617.8/20$

0.899 ± 0.203 $\chi^2/\text{NDF}: 2564.2/44$

-6.179 ± 0.283 $\chi^2/\text{NDF}: 667.5/23$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630 ± 0.019 χ^2/NDF : 12490.5/16

Left Out: -24.420 ± 0.023 χ^2/NDF : 6059.4/3

Right Out: 20.647 ± 0.019 χ^2/NDF : 13896.5/19

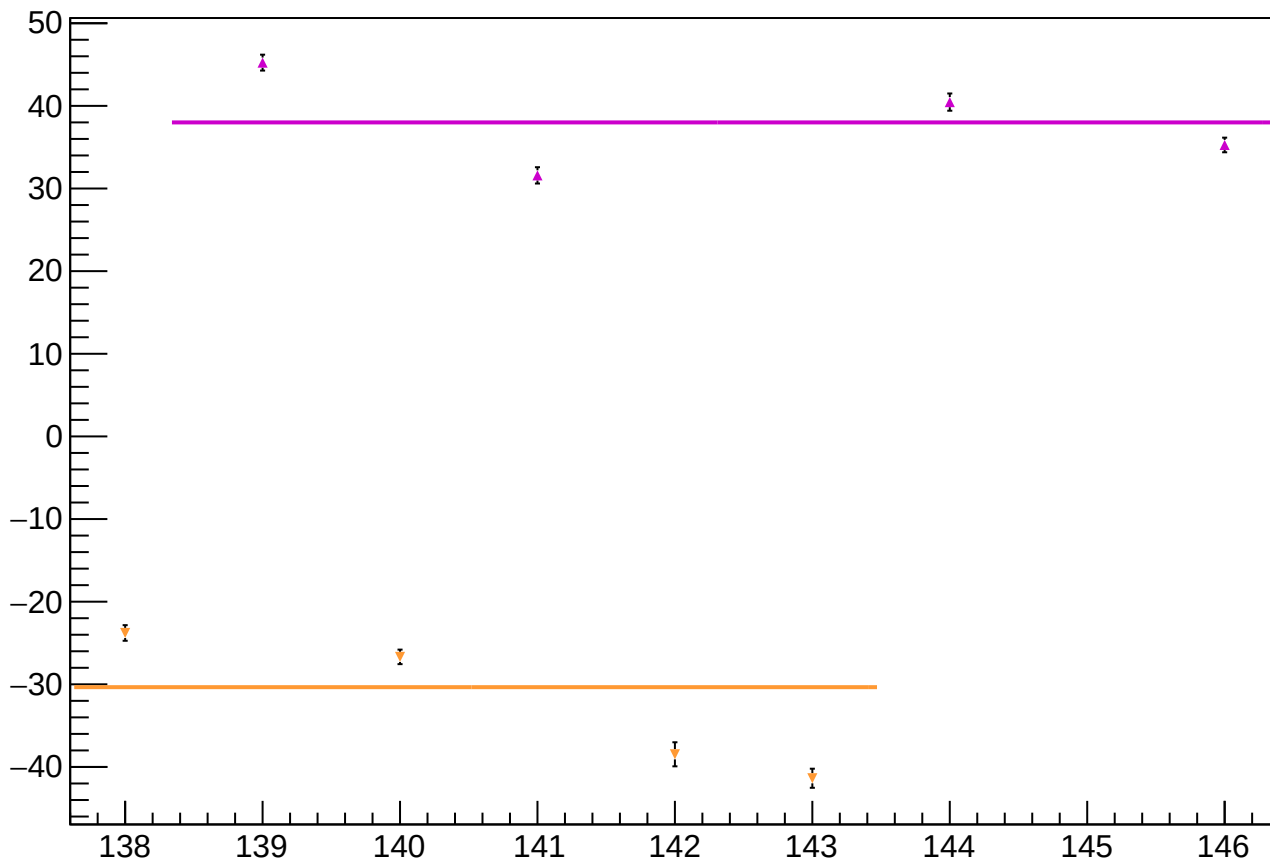
Left In: 22.831 ± 0.021 χ^2/NDF : 21092.6/3

-22.186 ± 0.015 χ^2/NDF : 34416.8/20

0.810 ± 0.010 χ^2/NDF : 4680545.3/44

21.678 ± 0.014 χ^2/NDF : 40970.1/23

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -30.345+/-0.524 χ^2/NDF : 187.7/3

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

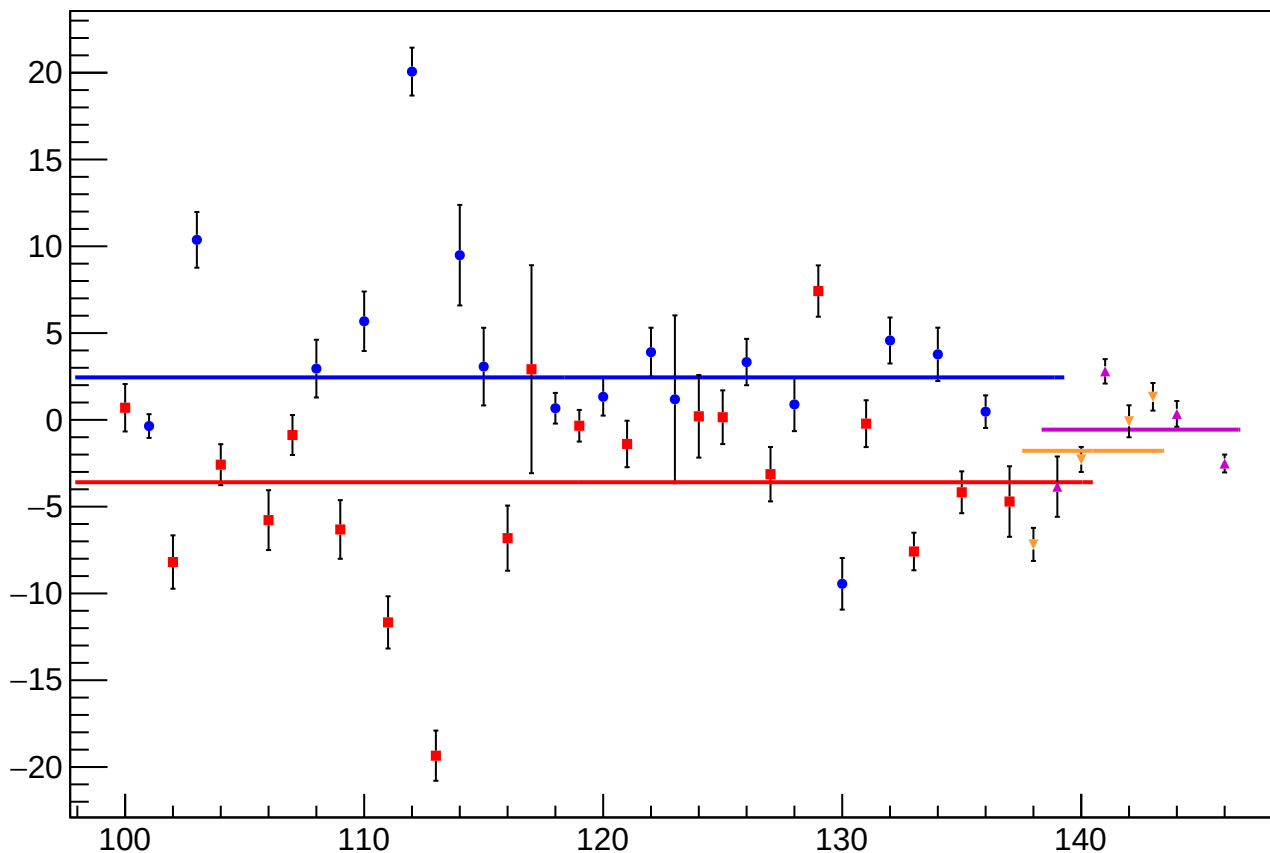
Left In: 37.998+/-0.482 χ^2/NDF : 113.8/3

-30.345+/-0.524 χ^2/NDF : 187.7/3

6.696+/-0.355 χ^2/NDF : 9504.4/7

37.998+/-0.482 χ^2/NDF : 113.8/3

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448 $\pm$ 0.311 χ^2/NDF : 293.4/16

Left Out: -1.783 $\pm$ 0.416 χ^2/NDF : 51.3/3

Right Out: -3.593 $\pm$ 0.318 χ^2/NDF : 280.6/19

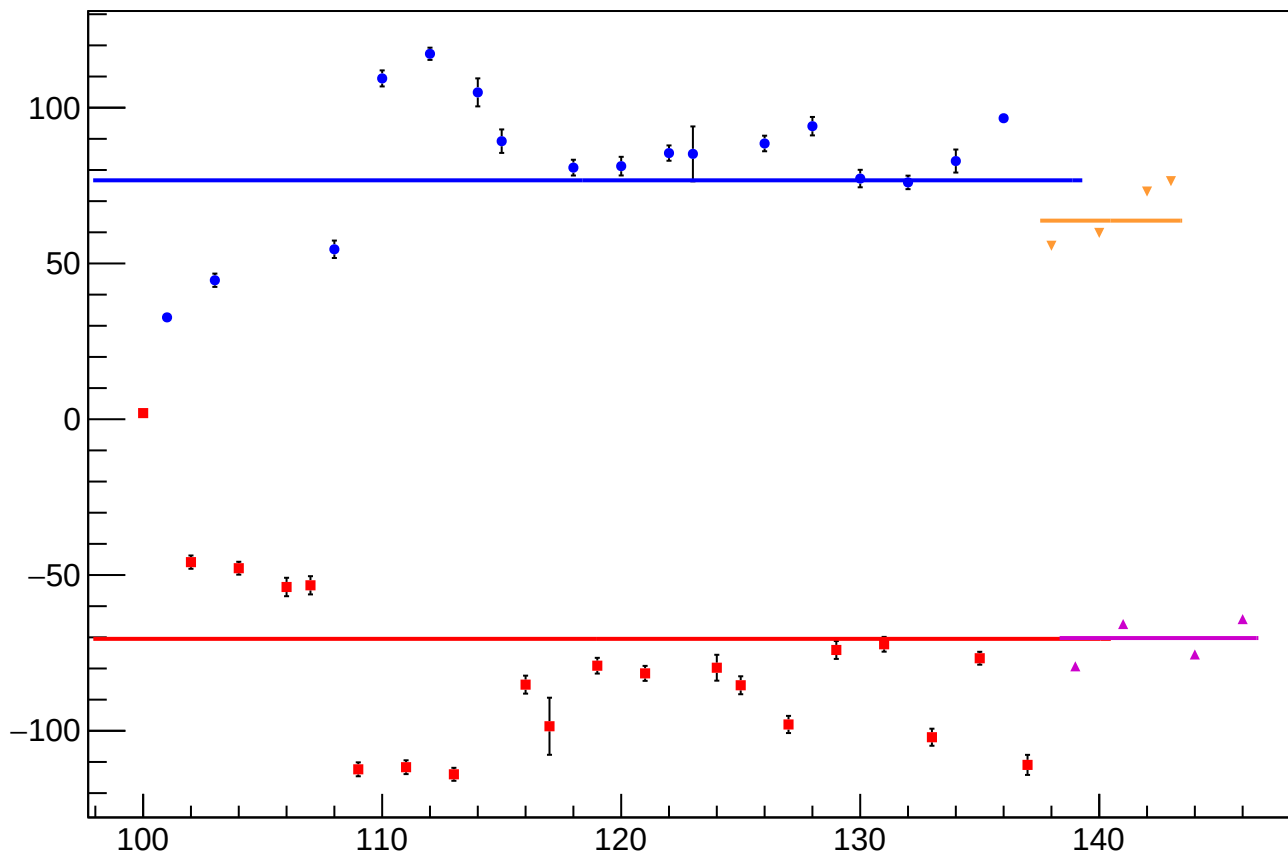
Left In: -0.563 $\pm$ 0.355 χ^2/NDF : 42.2/3

0.928 $\pm$ 0.249 χ^2/NDF : 411.0/20

-0.739 $\pm$ 0.172 χ^2/NDF : 859.5/44

-2.246 $\pm$ 0.237 χ^2/NDF : 363.2/23

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.687 $\pm$ 0.574 χ^2/NDF : 2265.1/16

Left Out: 63.748 $\pm$ 0.562 χ^2/NDF : 221.0/3

Right Out: -70.487 $\pm$ 0.549 χ^2/NDF : 4400.5/19

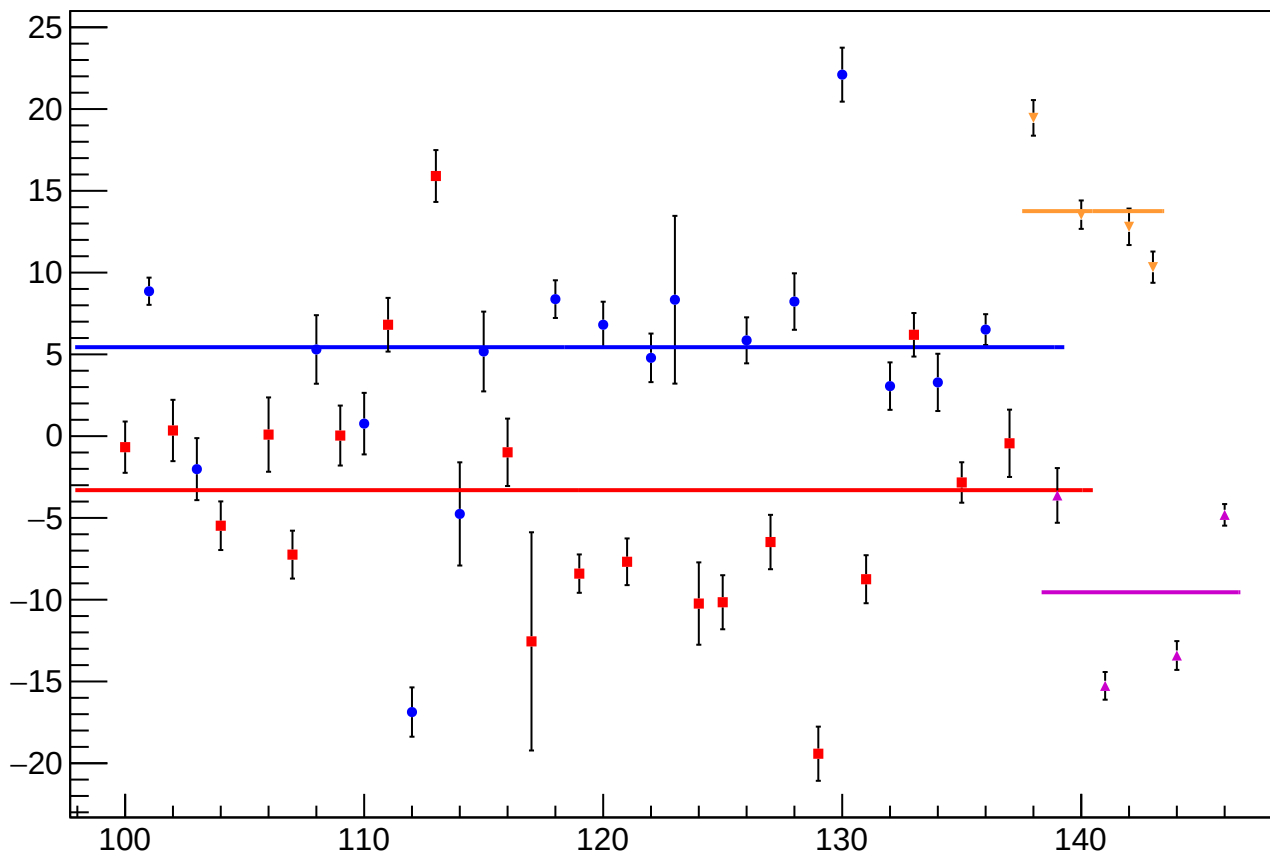
Left In: -70.231 $\pm$ 0.498 χ^2/NDF : 168.1/3

70.087 $\pm$ 0.402 χ^2/NDF : 2745.6/20

-6.074 $\pm$ 0.272 χ^2/NDF : 73661.4/44

-70.346 $\pm$ 0.369 χ^2/NDF : 4568.8/23

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.357 χ^2/NDF : 385.9/16

Left Out: 13.759 $\pm$ 0.496 χ^2/NDF : 41.1/3

Right Out: -3.303 $\pm$ 0.365 χ^2/NDF : 427.7/19

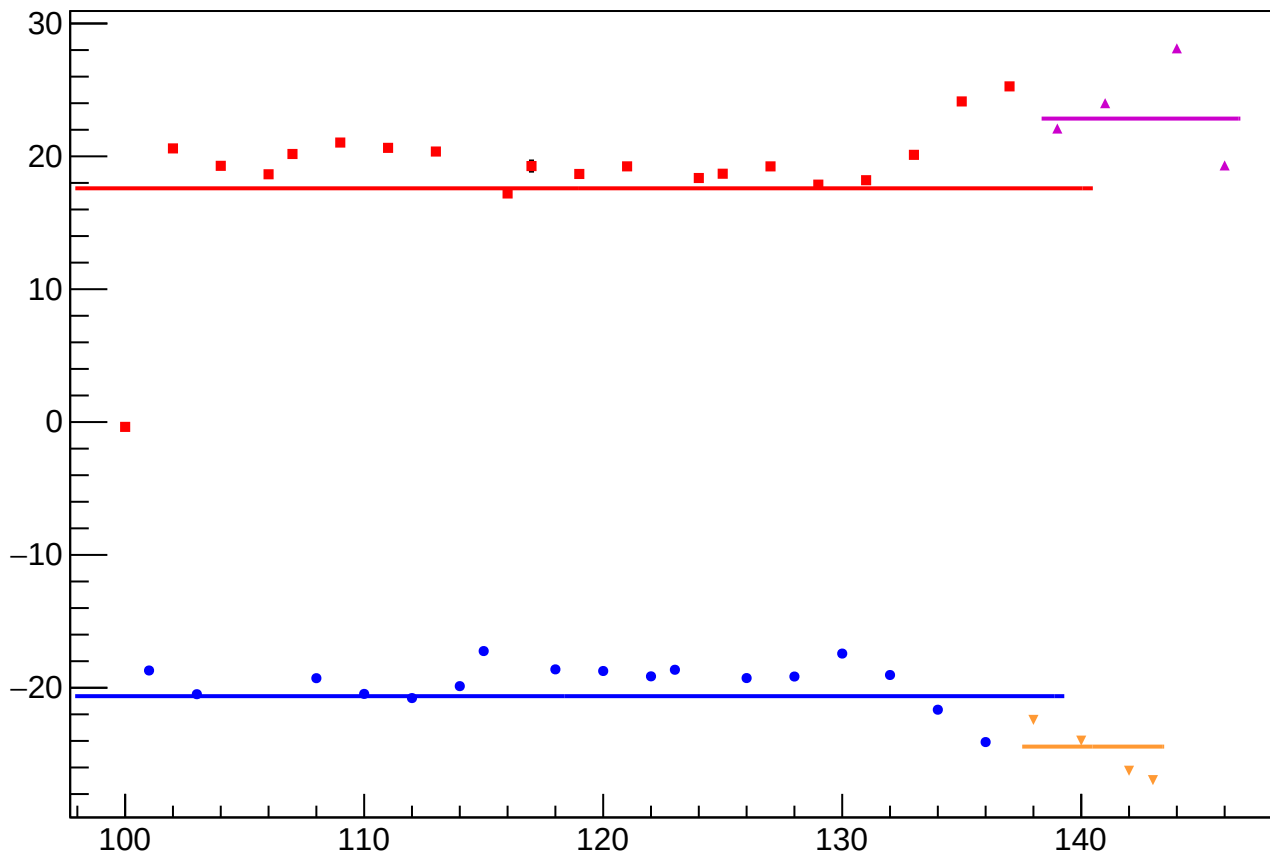
Left In: -9.545 $\pm$ 0.433 χ^2/NDF : 128.9/3

8.284 $\pm$ 0.290 χ^2/NDF : 612.2/20

0.919 $\pm$ 0.201 χ^2/NDF : 2532.1/44

-5.895 $\pm$ 0.279 χ^2/NDF : 678.2/23

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: -24.428+/-0.023 χ^2/NDF : 6028.0/3

Right Out: 17.594+/-0.018 χ^2/NDF : 178696.7/19

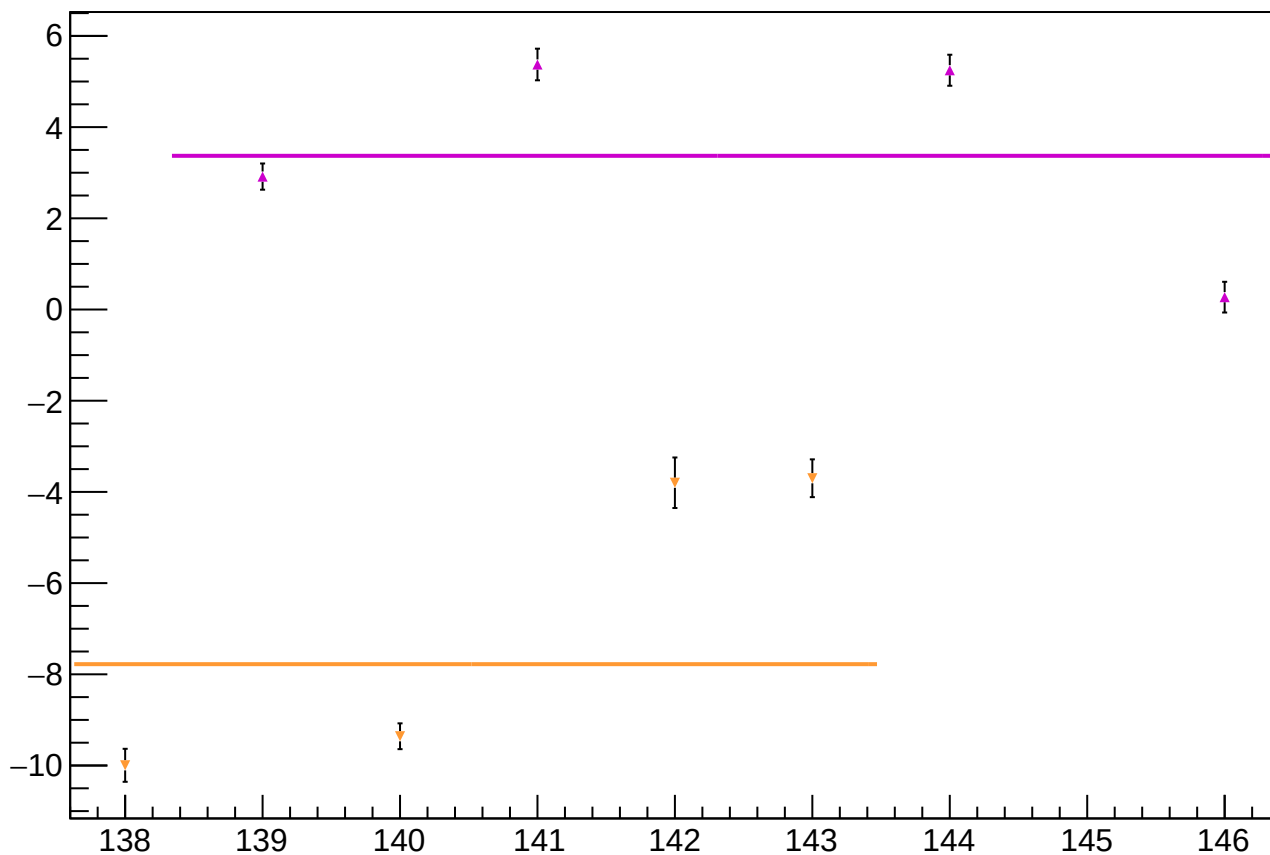
Left In: 22.842+/-0.021 χ^2/NDF : 21060.3/3

-22.190+/-0.015 χ^2/NDF : 34464.2/20

0.731+/-0.010 χ^2/NDF : 4667562.6/44

19.874+/-0.014 χ^2/NDF : 236708.1/23

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -7.777+/-0.185 χ^2/NDF : 217.2/3

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

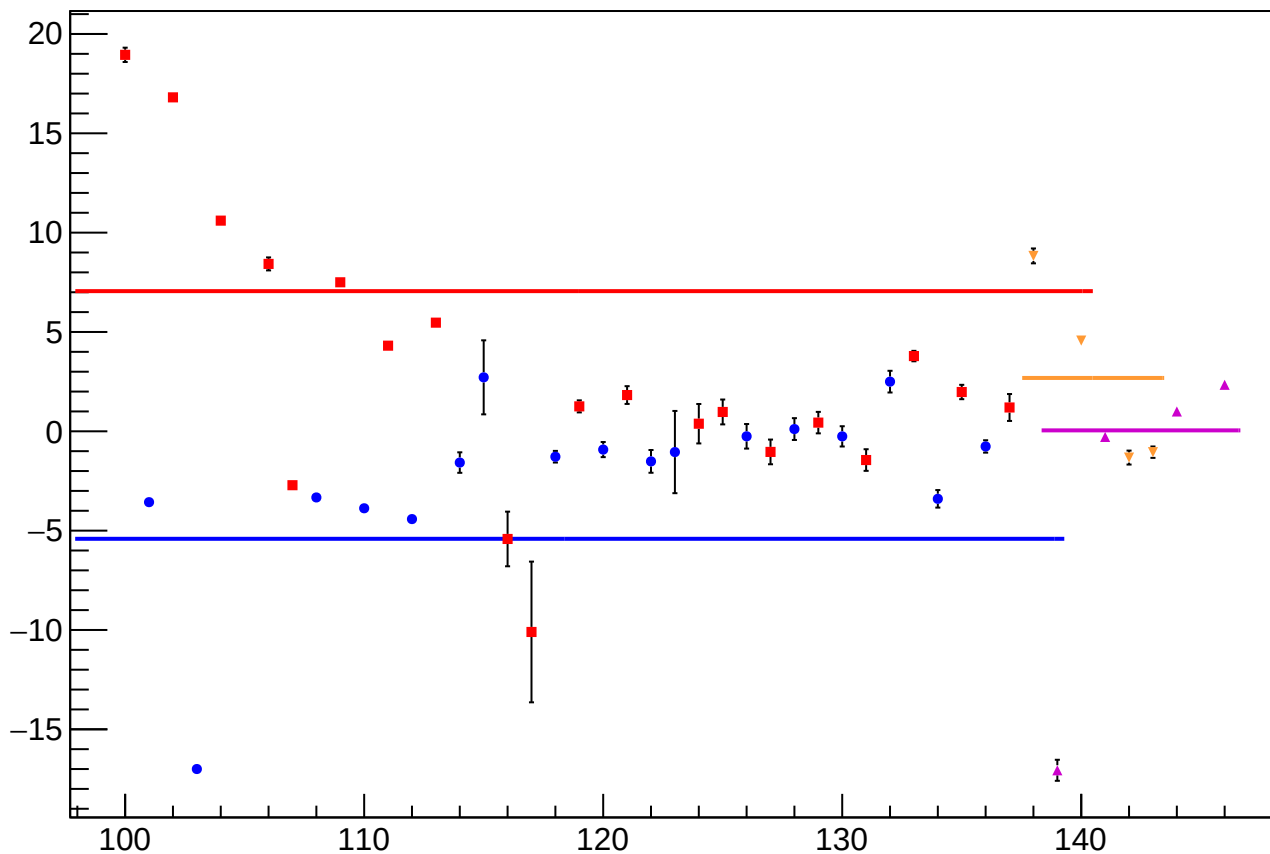
Left In: 3.371+/-0.162 χ^2/NDF : 151.0/3

-7.777+/-0.185 χ^2/NDF : 217.2/3

-1.483+/-0.122 χ^2/NDF : 2418.1/7

3.371+/-0.162 χ^2/NDF : 151.0/3

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: 2.686+/-0.148 χ^2/NDF : 633.1/3

Right Out: 7.056+/-0.059 χ^2/NDF : 12352.9/19

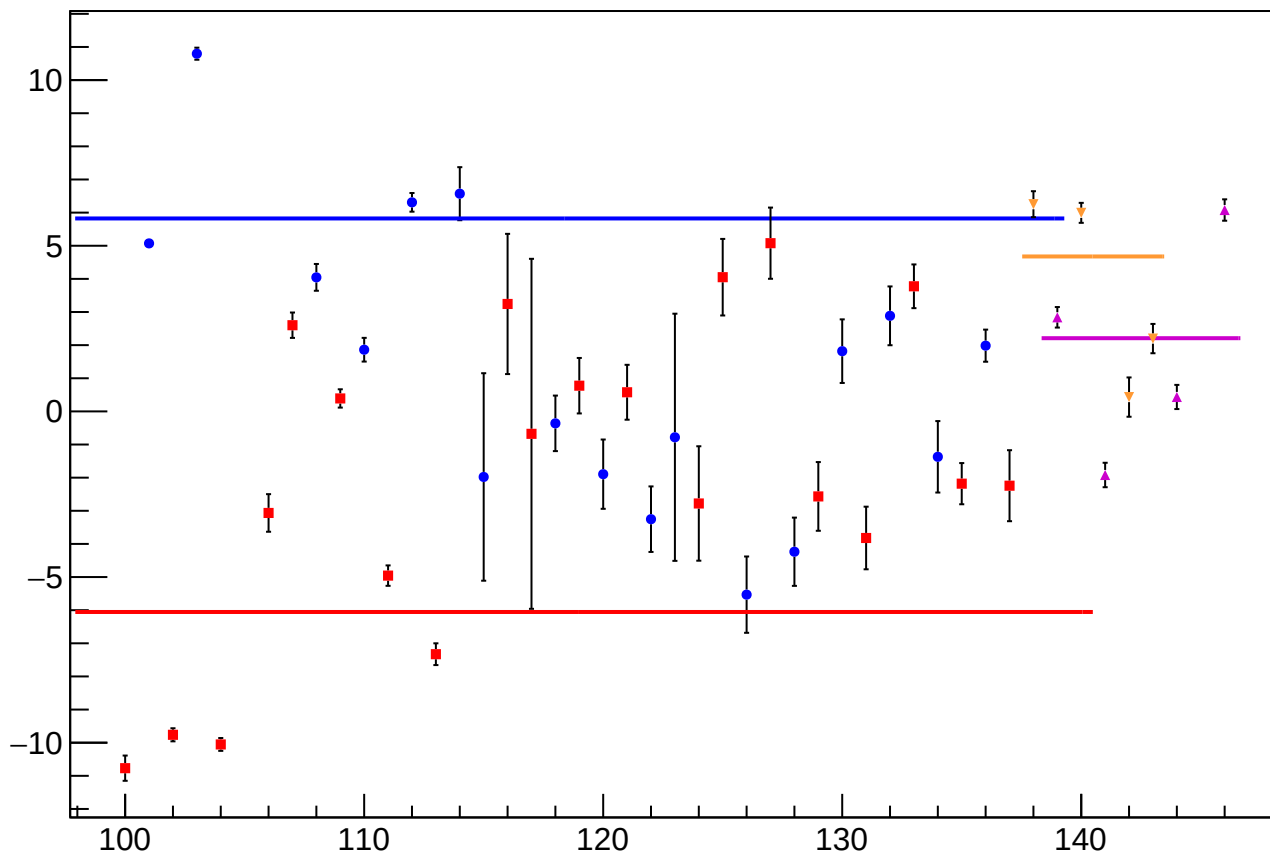
Left In: 0.047+/-0.131 χ^2/NDF : 1178.5/3

-4.440+/-0.051 χ^2/NDF : 12518.3/20

0.474+/-0.037 χ^2/NDF : 47647.8/44

5.868+/-0.054 χ^2/NDF : 15919.2/23

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: 4.677 $\pm$ 0.198 χ^2 /NDF:117.8/3

Right Out: -6.054 $\pm$ 0.093 χ^2 /NDF: 2669.9/19

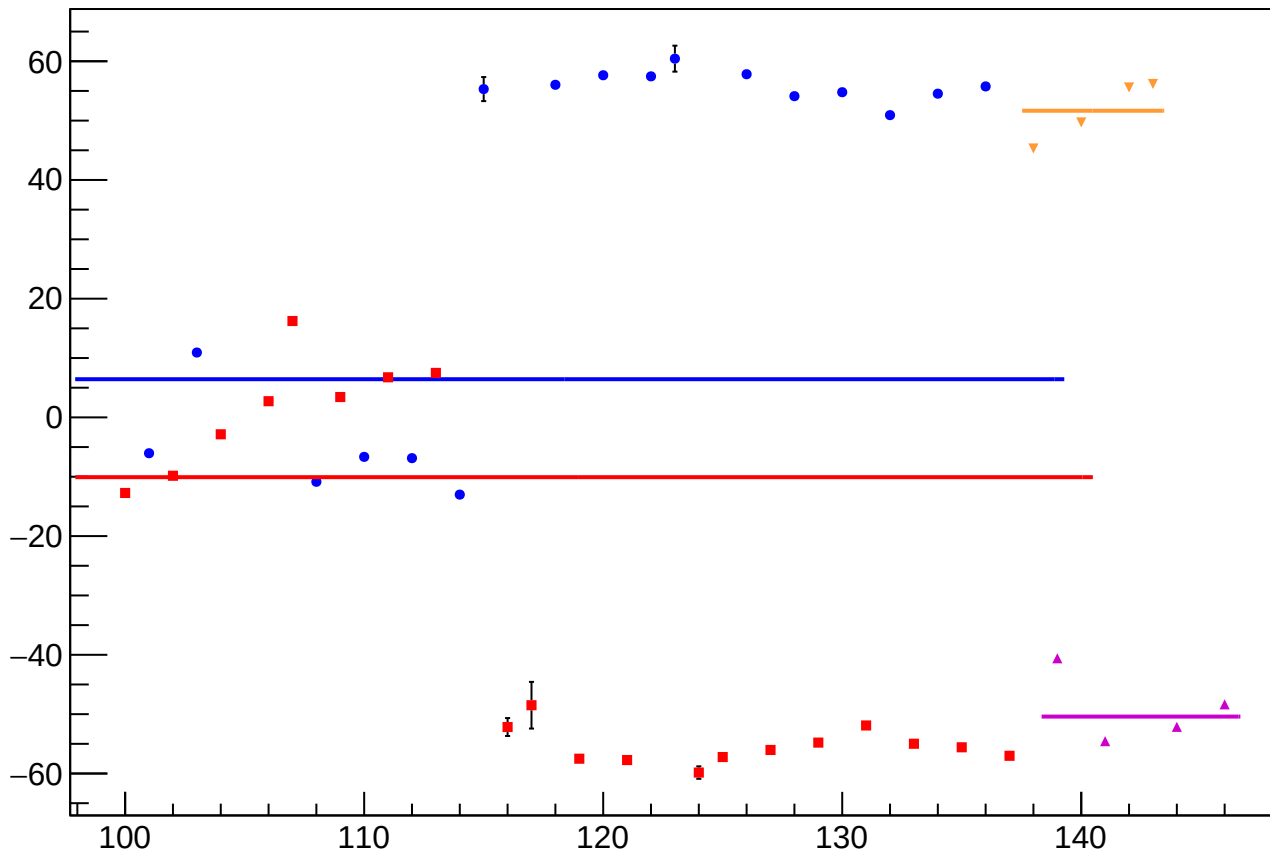
Left In: 2.210 $\pm$ 0.169 χ^2 /NDF:296.6/3

5.629 $\pm$ 0.082 χ^2 /NDF: 1598.2/20

0.755 $\pm$ 0.058 χ^2 /NDF: 13530.2/44

-4.130 $\pm$ 0.082 χ^2 /NDF: 4793.4/23

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.432 ± 0.065 $\chi^2/\text{NDF}: 123486.3/16$

Left Out: 51.665 ± 0.177 $\chi^2/\text{NDF}: 530.3/3$

Right Out: -10.072 ± 0.070 $\chi^2/\text{NDF}: 121911.4/19$

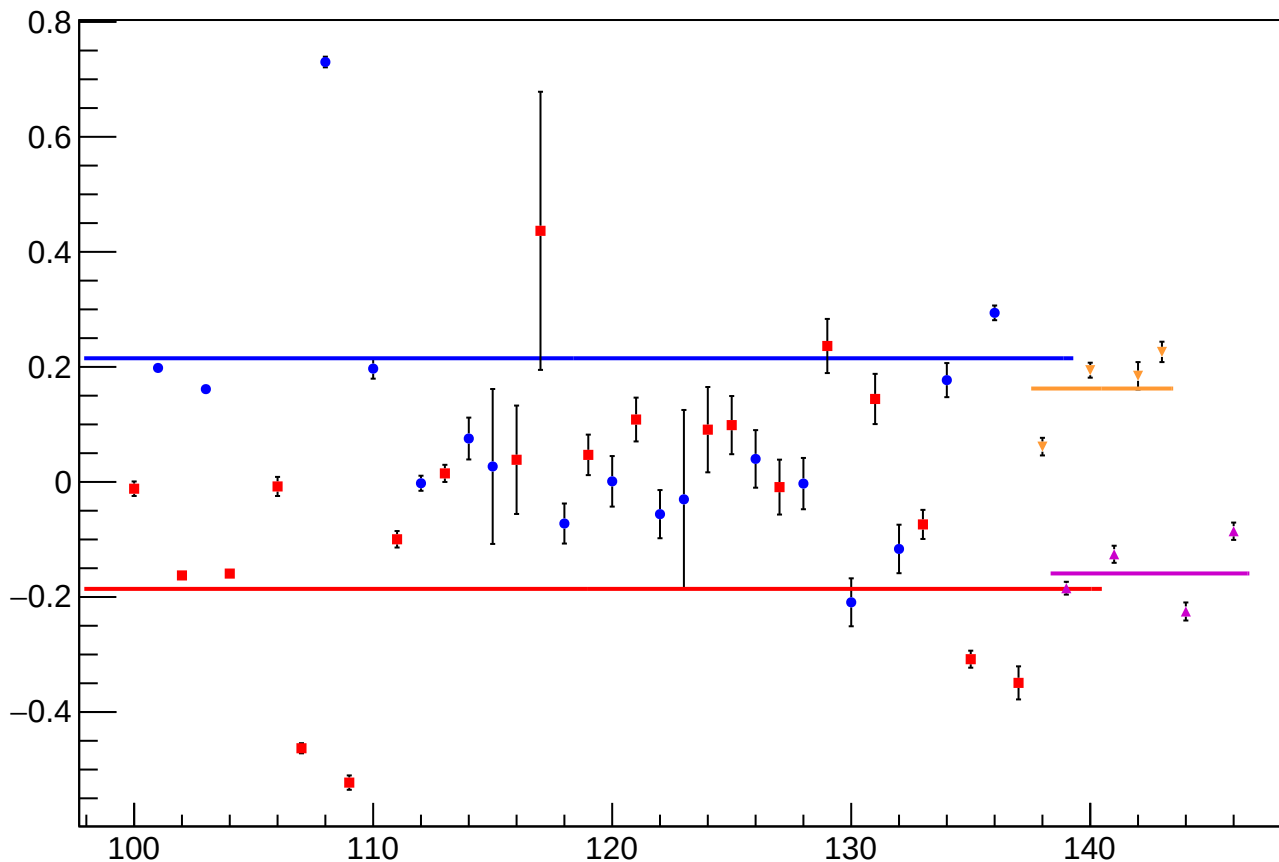
Left In: -50.408 ± 0.155 $\chi^2/\text{NDF}: 659.3/3$

11.778 ± 0.061 $\chi^2/\text{NDF}: 181783.3/20$

-1.866 ± 0.044 $\chi^2/\text{NDF}: 466118.3/44$

-16.827 ± 0.064 $\chi^2/\text{NDF}: 178607.7/23$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3930.1/16$

Left Out: 0.162 ± 0.008 $\chi^2/\text{NDF}: 63.3/3$

Right Out: -0.186 ± 0.003 $\chi^2/\text{NDF}: 2726.9/19$

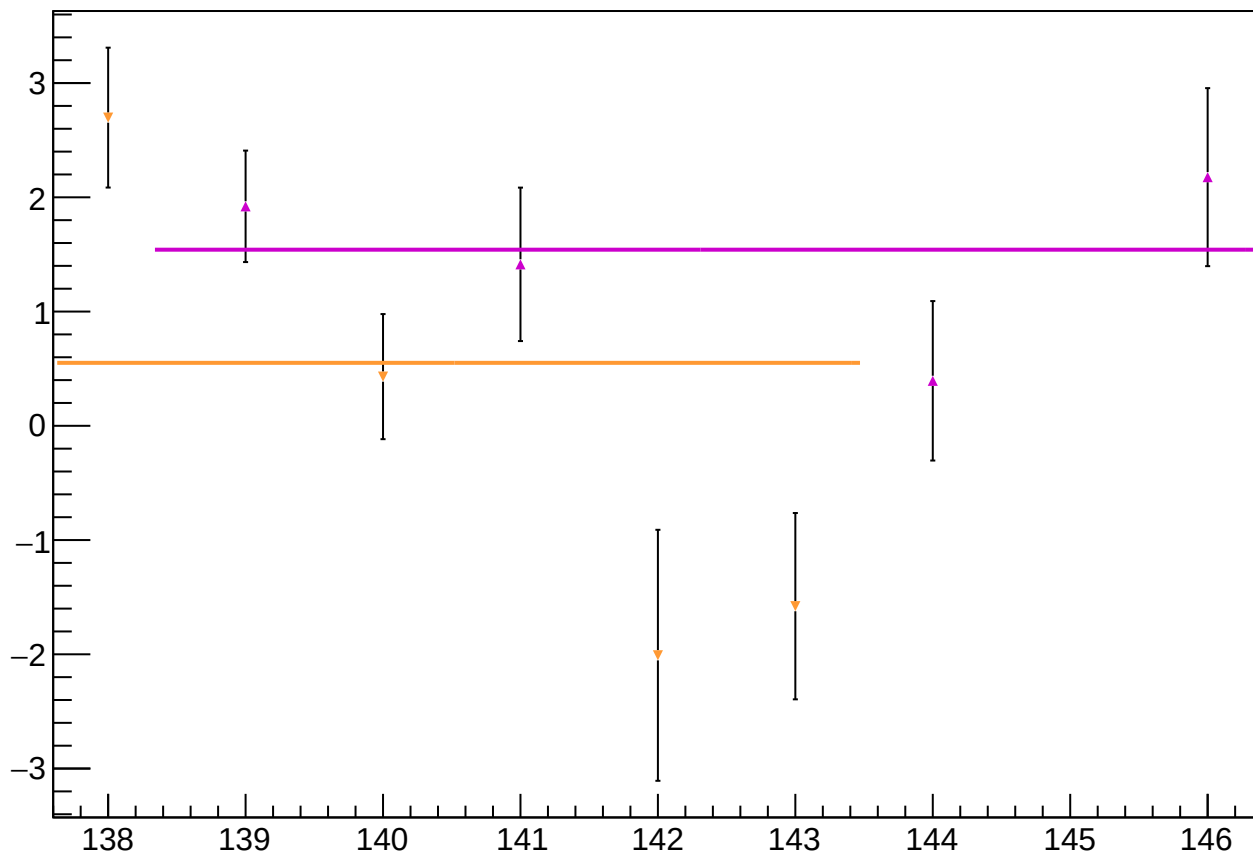
Left In: -0.159 ± 0.007 $\chi^2/\text{NDF}: 51.9/3$

0.210 ± 0.003 $\chi^2/\text{NDF}: 4030.9/20$

0.005 ± 0.002 $\chi^2/\text{NDF}: 18518.5/44$

-0.182 ± 0.003 $\chi^2/\text{NDF}: 2791.9/23$

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.551 $\pm$ 0.346 χ^2 /NDF: 24.6/3

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

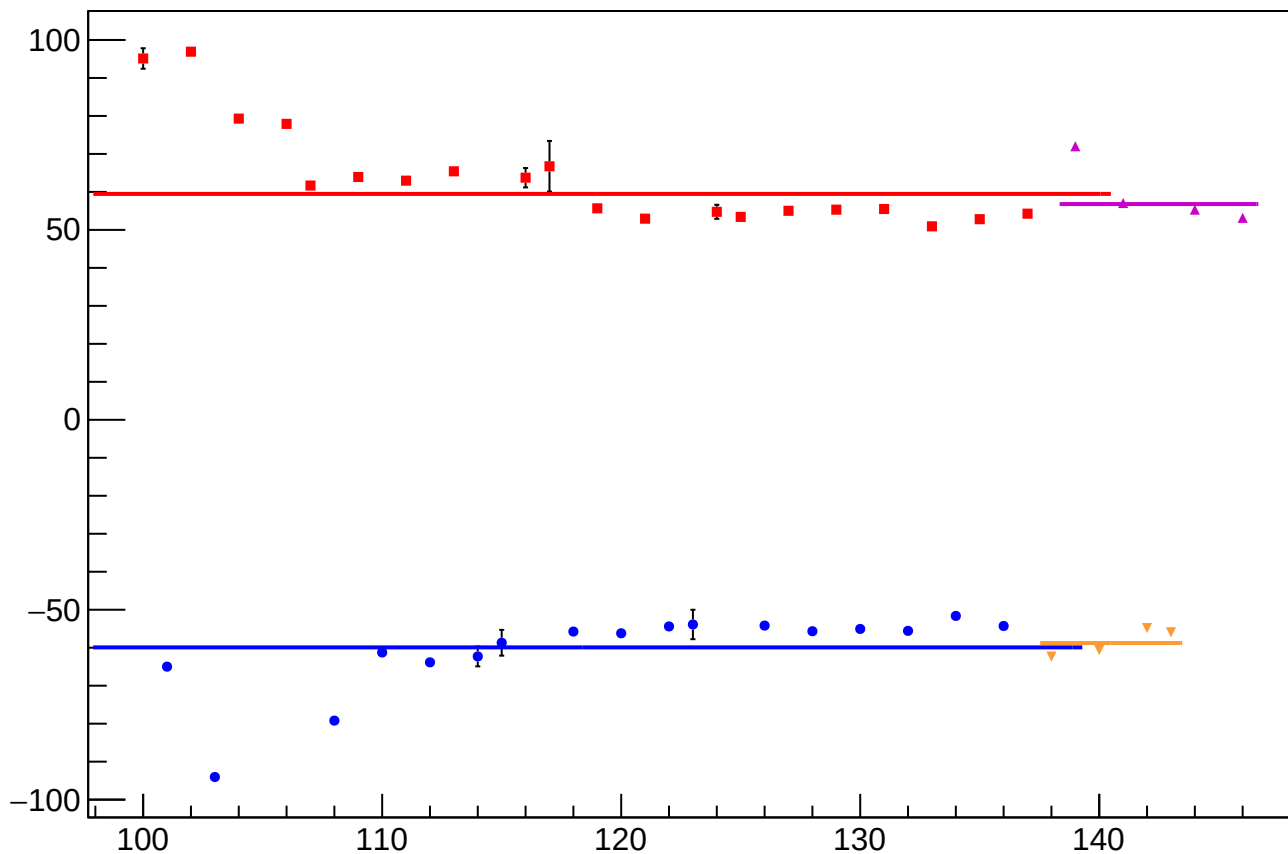
Left In: 1.542 $\pm$ 0.314 χ^2 /NDF: 4.0/3

0.551 $\pm$ 0.346 χ^2 /NDF: 24.6/3

1.094 $\pm$ 0.233 χ^2 /NDF: 33.1/7

1.542 $\pm$ 0.314 χ^2 /NDF: 4.0/3

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: -58.762 ± 0.287 χ^2/NDF : 101.1/3

Right Out: 59.475 ± 0.212 χ^2/NDF : 2913.9/19

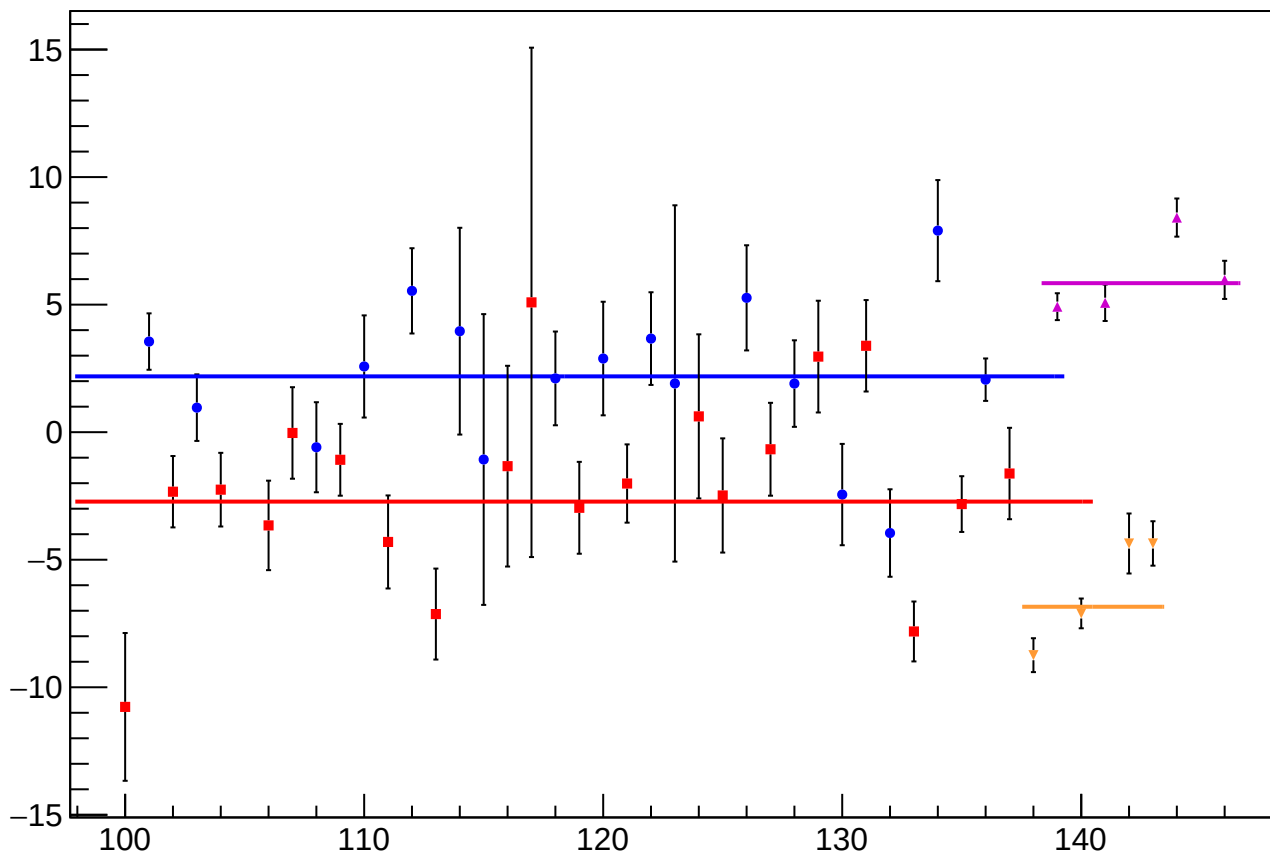
Left In: 56.804 ± 0.273 χ^2/NDF : 349.7/3

-59.481 ± 0.176 χ^2/NDF : 2090.6/20

2.492 ± 0.121 χ^2/NDF : 241183.9/44

58.469 ± 0.167 χ^2/NDF : 3323.4/23

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: -6.844 ± 0.371 χ^2/NDF : 20.9/3

Right Out: -2.721 ± 0.387 χ^2/NDF : 59.5/19

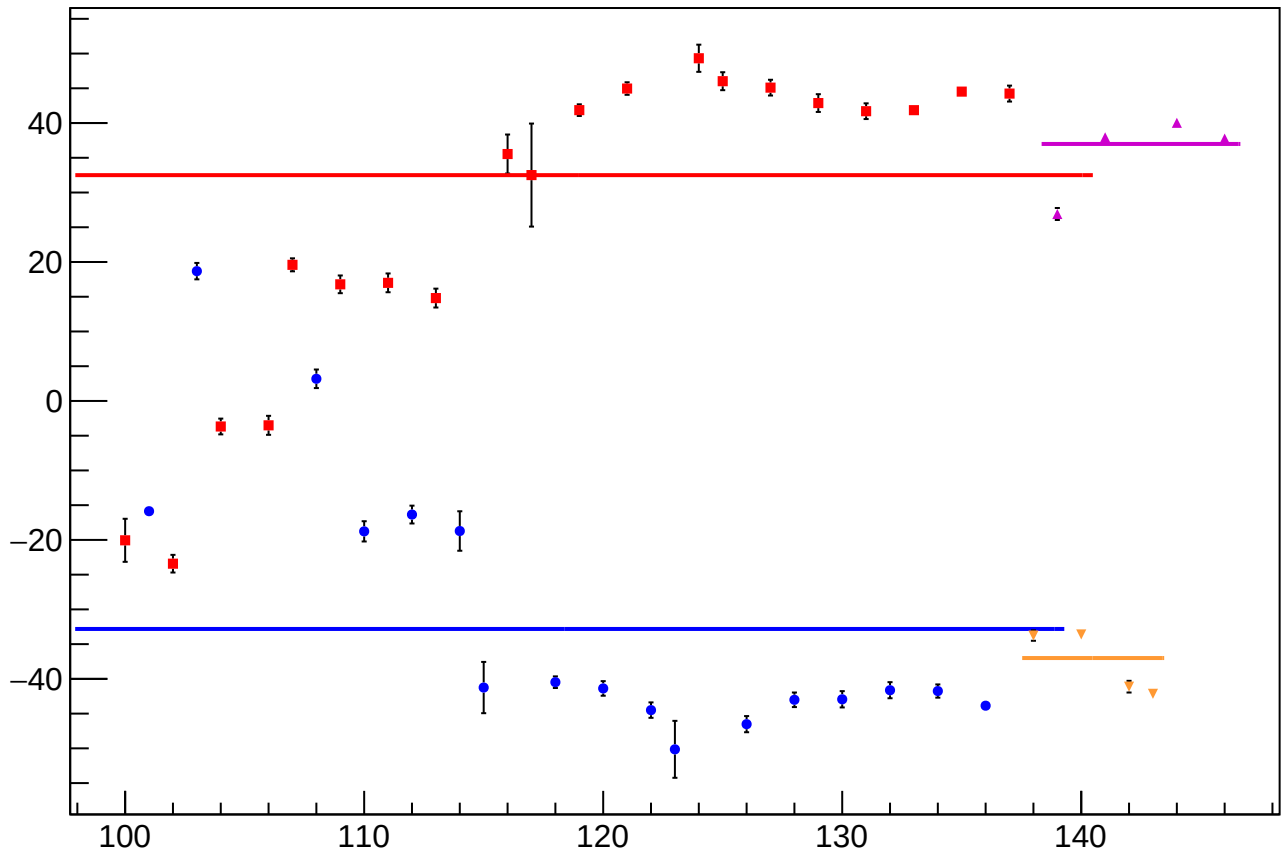
Left In: 5.842 ± 0.331 χ^2/NDF : 16.1/3

-2.707 ± 0.273 χ^2/NDF : 330.8/20

-0.031 ± 0.185 χ^2/NDF : 865.7/44

2.231 ± 0.252 χ^2/NDF : 358.3/23

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: -37.002 ± 0.340 χ^2/NDF : 138.3/3

Right Out: 32.501 ± 0.244 χ^2/NDF : 6037.9/19

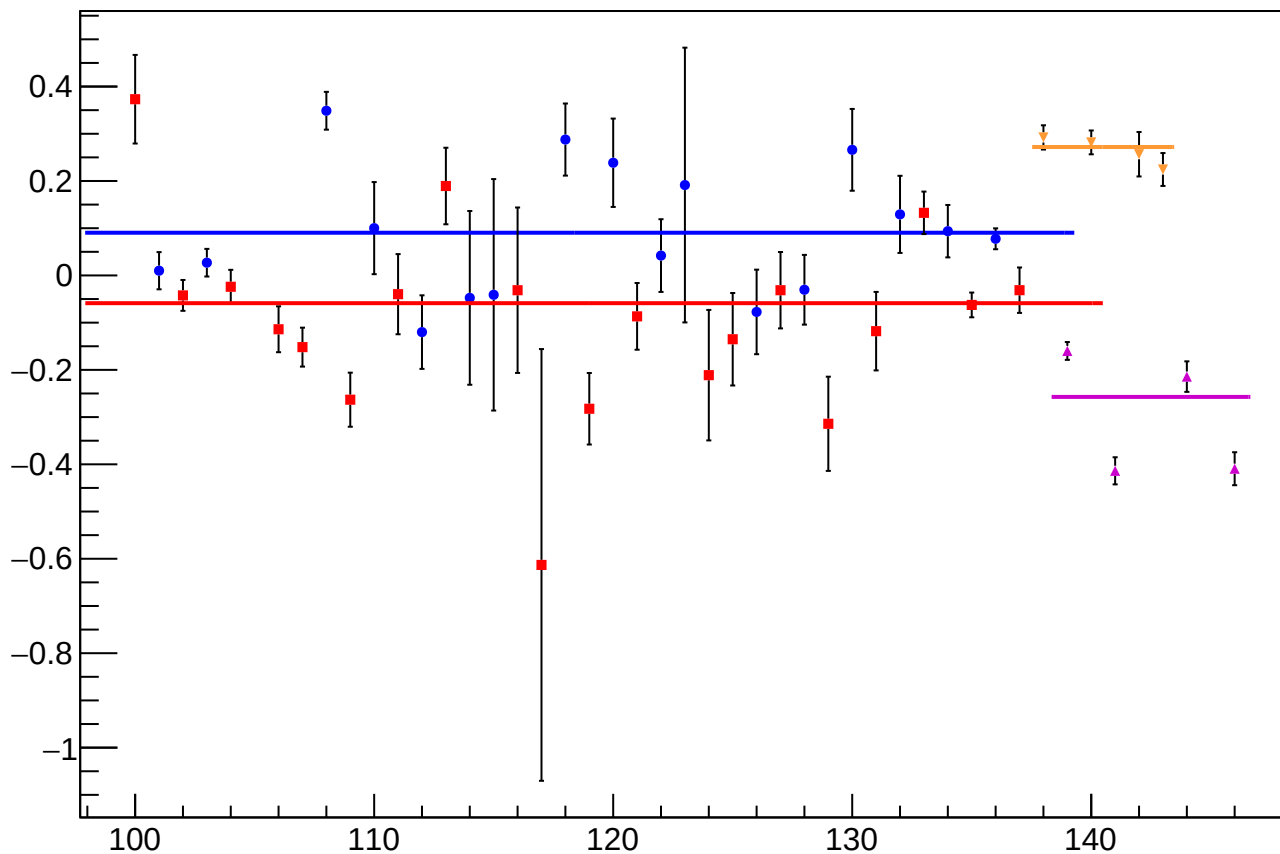
Left In: 36.989 ± 0.320 χ^2/NDF : 167.0/3

-34.317 ± 0.203 χ^2/NDF : 4902.2/20

1.557 ± 0.140 χ^2/NDF : 70591.8/44

34.151 ± 0.194 χ^2/NDF : 6329.4/23

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.2/16

Left Out: 0.272 ± 0.015 χ^2/NDF : 2.8/3

Right Out: -0.059 ± 0.012 χ^2/NDF : 88.8/19

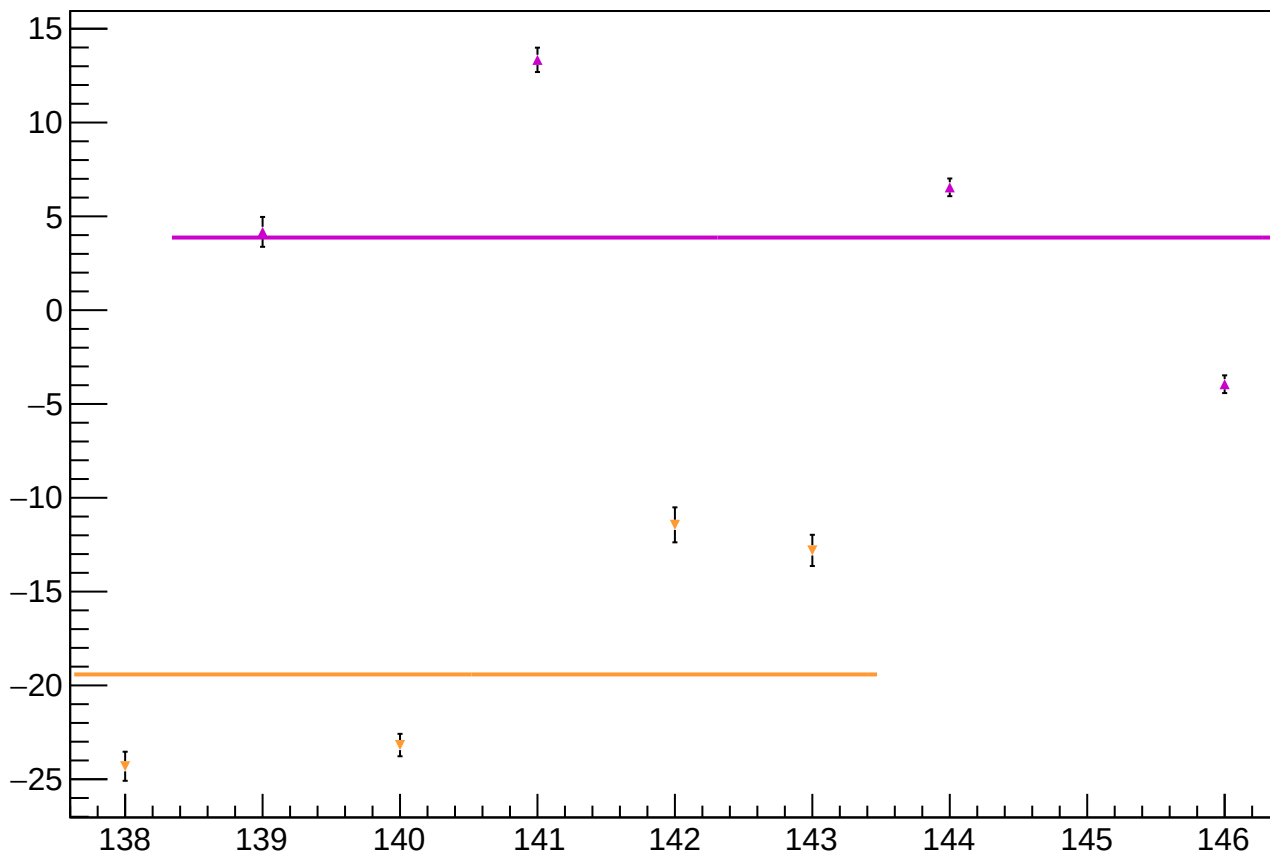
Left In: -0.257 ± 0.013 χ^2/NDF : 77.0/3

0.166 ± 0.010 χ^2/NDF : 166.2/20

-0.006 ± 0.007 χ^2/NDF : 1027.0/44

-0.150 ± 0.009 χ^2/NDF : 289.0/23

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -19.416+/-0.376 χ^2/NDF : 215.9/3

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

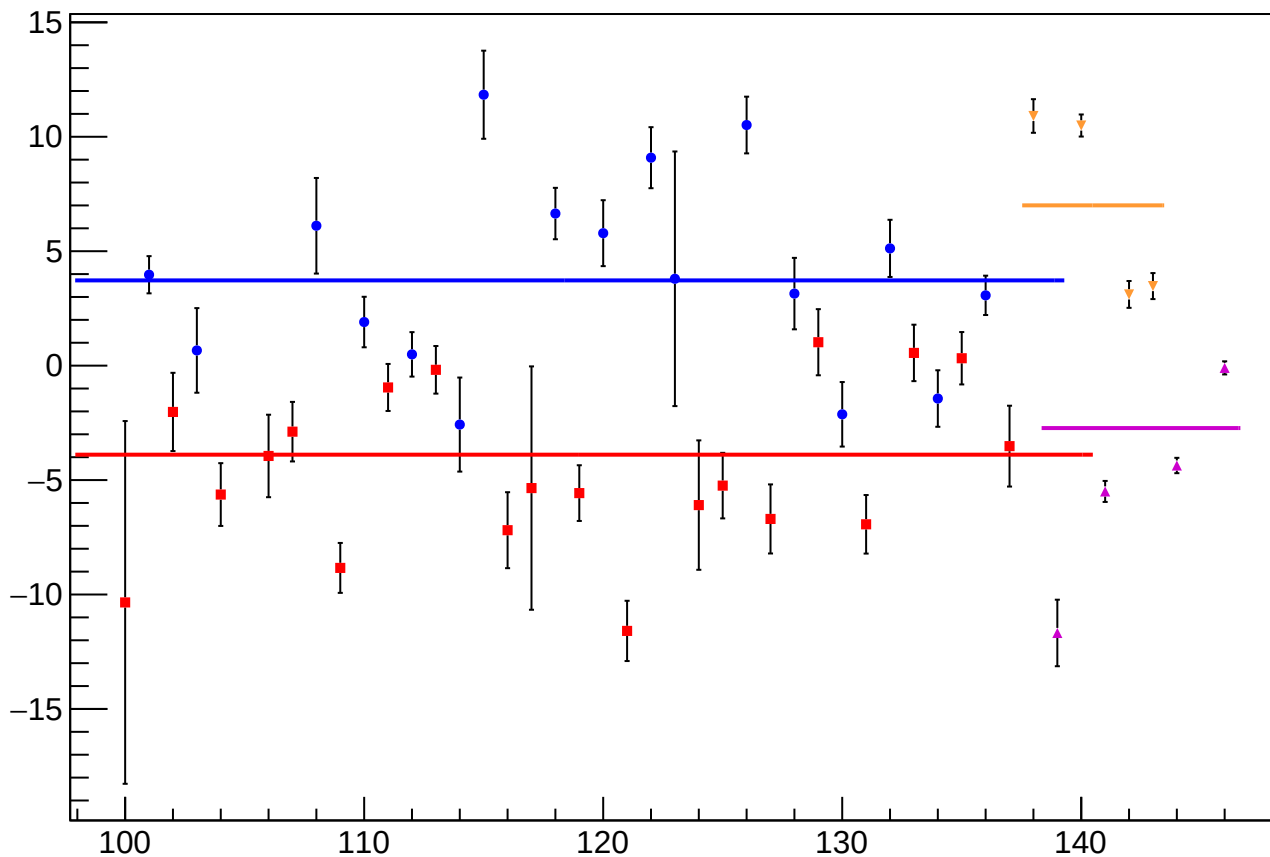
Left In: 3.870+/-0.278 χ^2/NDF : 518.8/3

-19.416+/-0.376 χ^2/NDF : 215.9/3

-4.359+/-0.224 χ^2/NDF : 3213.1/7

3.870+/-0.278 χ^2/NDF : 518.8/3

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: 7.003 ± 0.287 χ^2/NDF : 163.0/3

Right Out: -3.890 ± 0.316 χ^2/NDF : 134.5/19

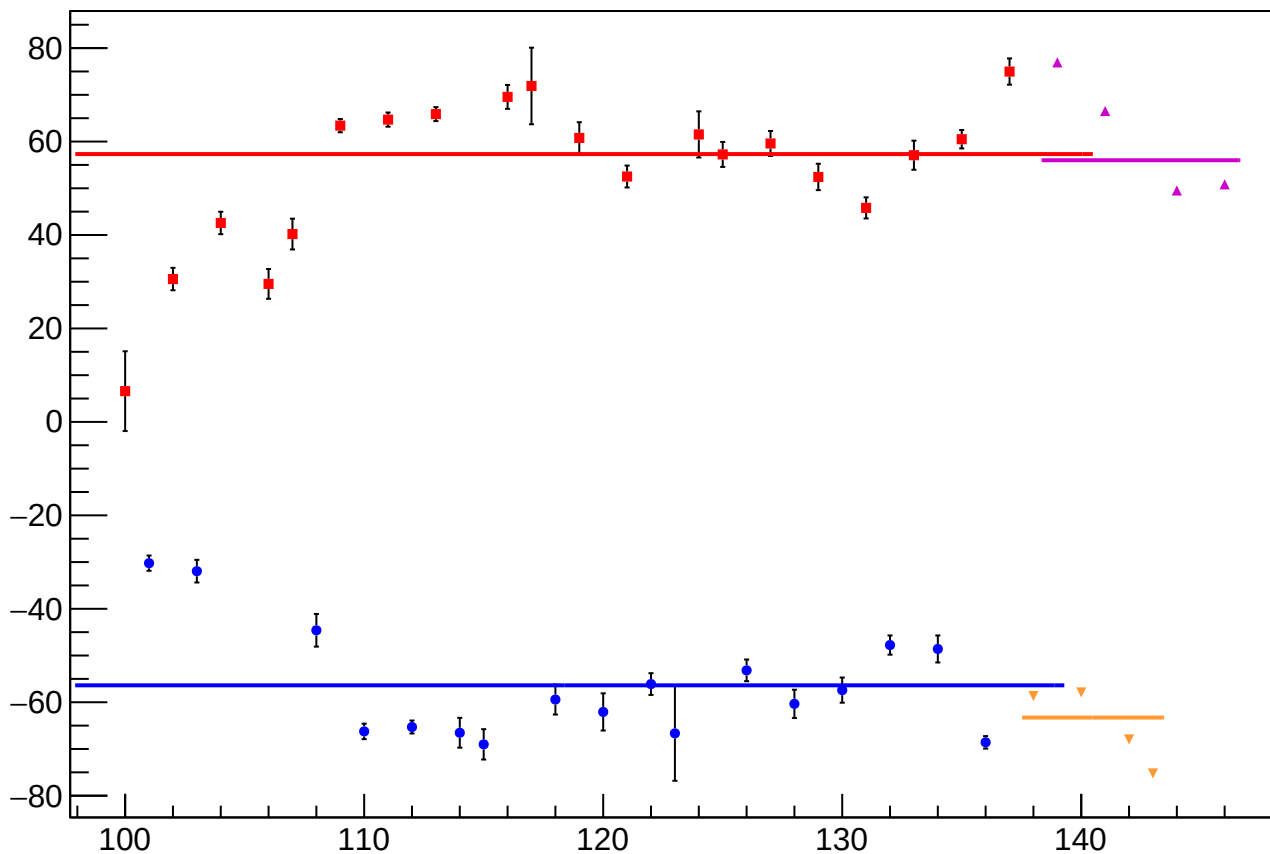
Left In: -2.728 ± 0.195 χ^2/NDF : 182.1/3

5.483 ± 0.210 χ^2/NDF : 360.4/20

0.230 ± 0.130 χ^2/NDF : 1702.1/44

-3.049 ± 0.166 χ^2/NDF : 326.4/23

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.379+/-0.542 χ^2/NDF : 587.4/16

Left Out: -63.277+/-0.403 χ^2/NDF :305.2/3

Right Out: 57.320+/-0.535 χ^2/NDF : 479.3/19

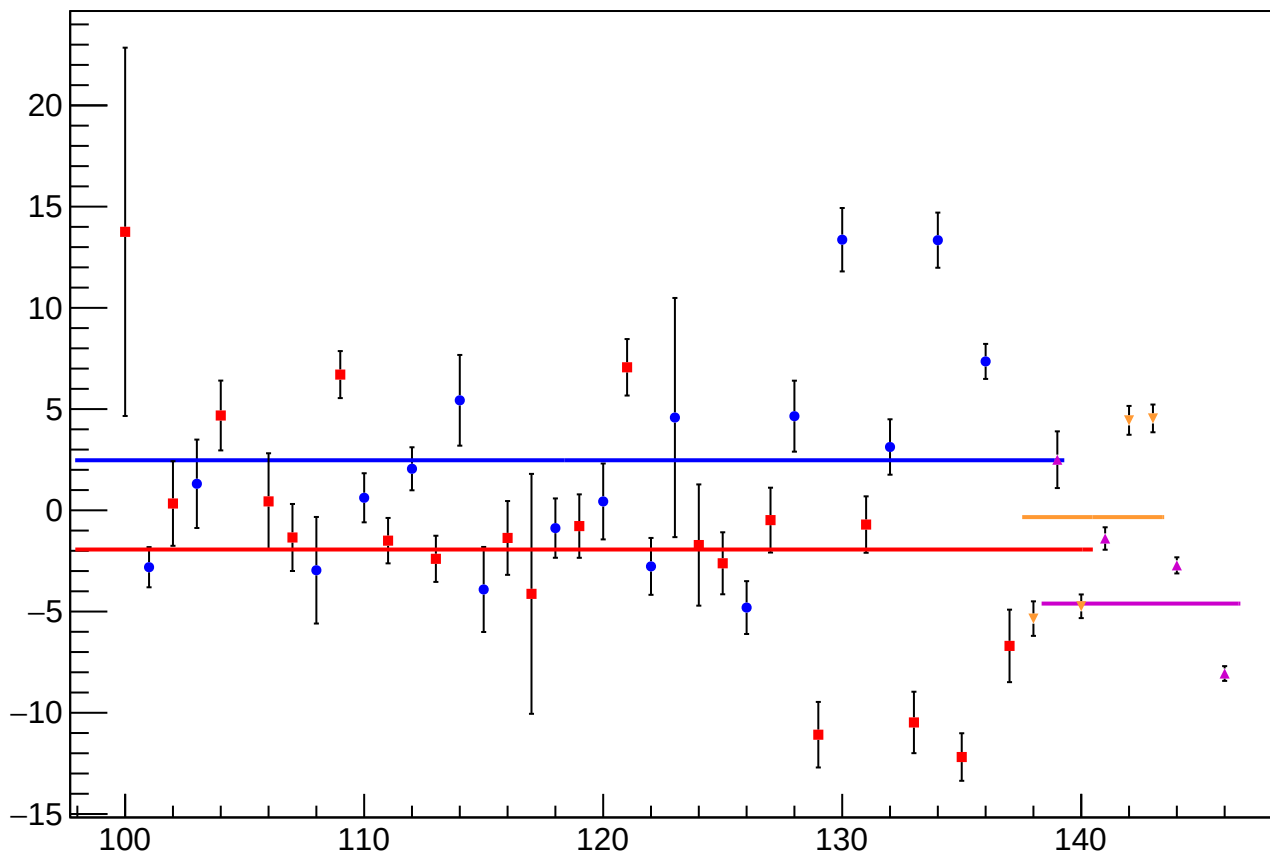
Left In: 55.998+/-0.286 χ^2/NDF :1118.4/3

-60.824+/-0.323 χ^2/NDF : 997.0/20

11.971+/-0.199 χ^2/NDF : 84224.7/44

56.292+/-0.252 χ^2/NDF : 1602.4/23

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: -0.335 ± 0.345 χ^2/NDF : 187.0/3

Right Out: -1.936 ± 0.354 χ^2/NDF : 266.8/19

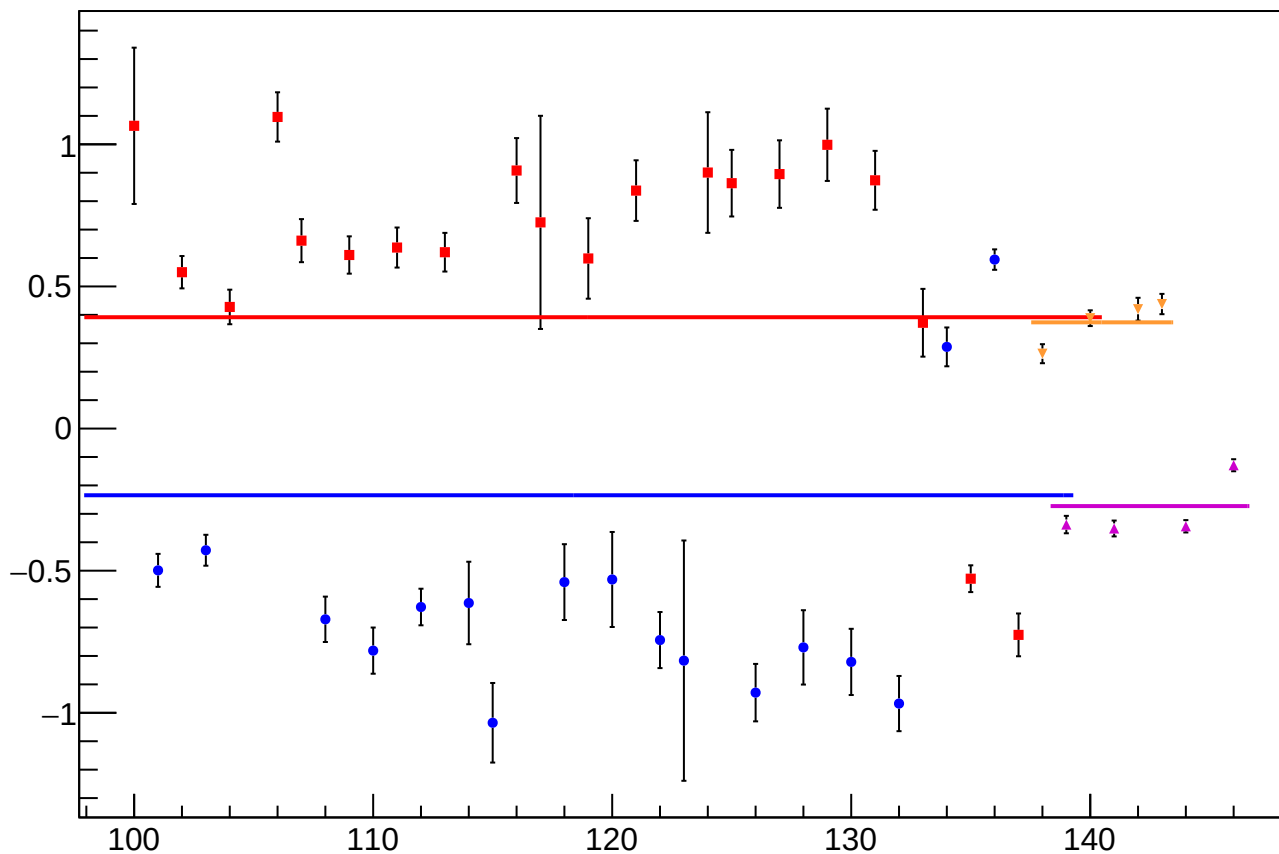
Left In: -4.607 ± 0.238 χ^2/NDF : 171.7/3

1.066 ± 0.244 χ^2/NDF : 463.7/20

-1.857 ± 0.154 χ^2/NDF : 1178.7/44

-3.774 ± 0.198 χ^2/NDF : 477.6/23

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: 0.374 ± 0.017 χ^2/NDF : 15.7/3

Right Out: 0.392 ± 0.019 χ^2/NDF : 854.1/19

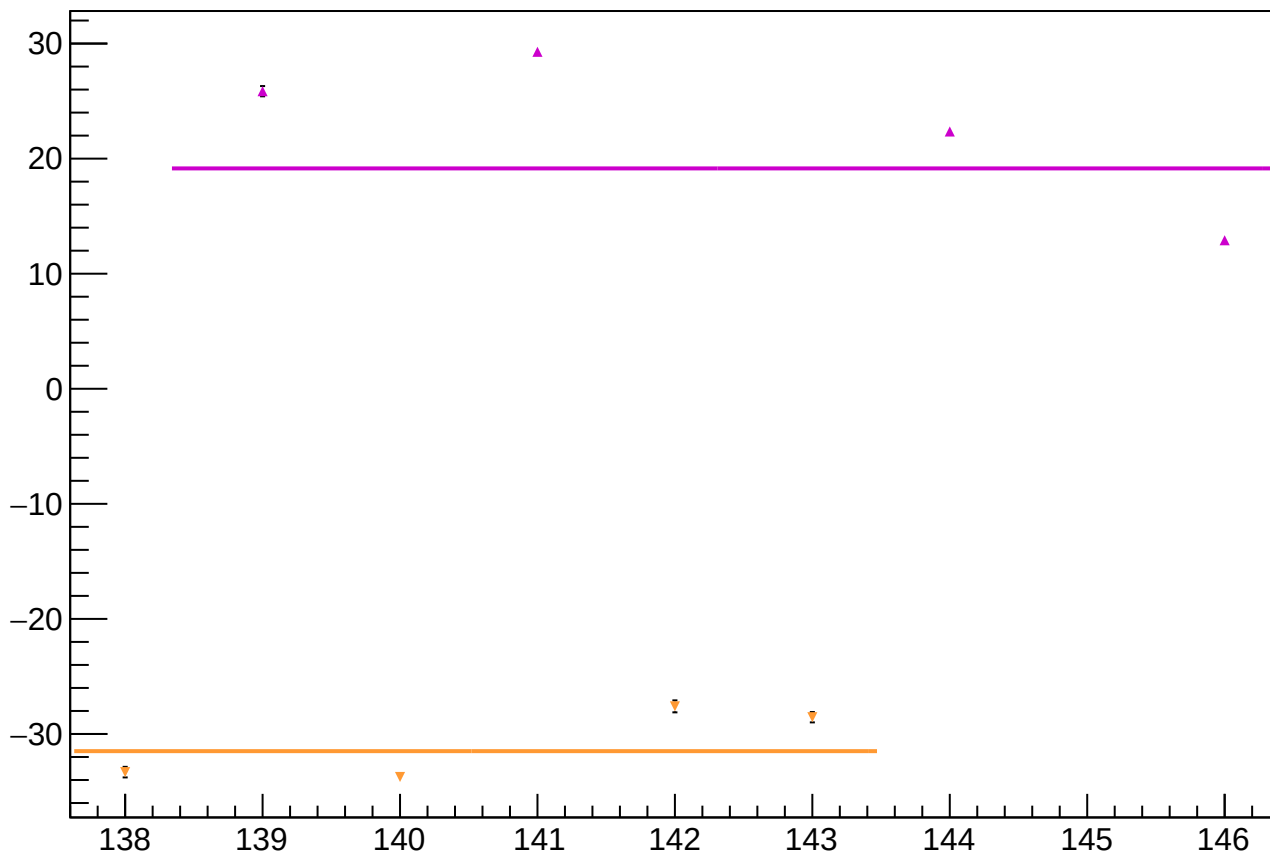
Left In: -0.273 ± 0.012 χ^2/NDF : 69.2/3

0.107 ± 0.012 χ^2/NDF : 1558.0/20

-0.003 ± 0.008 χ^2/NDF : 3480.8/44

-0.077 ± 0.010 χ^2/NDF : 1792.6/23

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.492+/-0.211 χ^2/NDF : 160.4/3

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

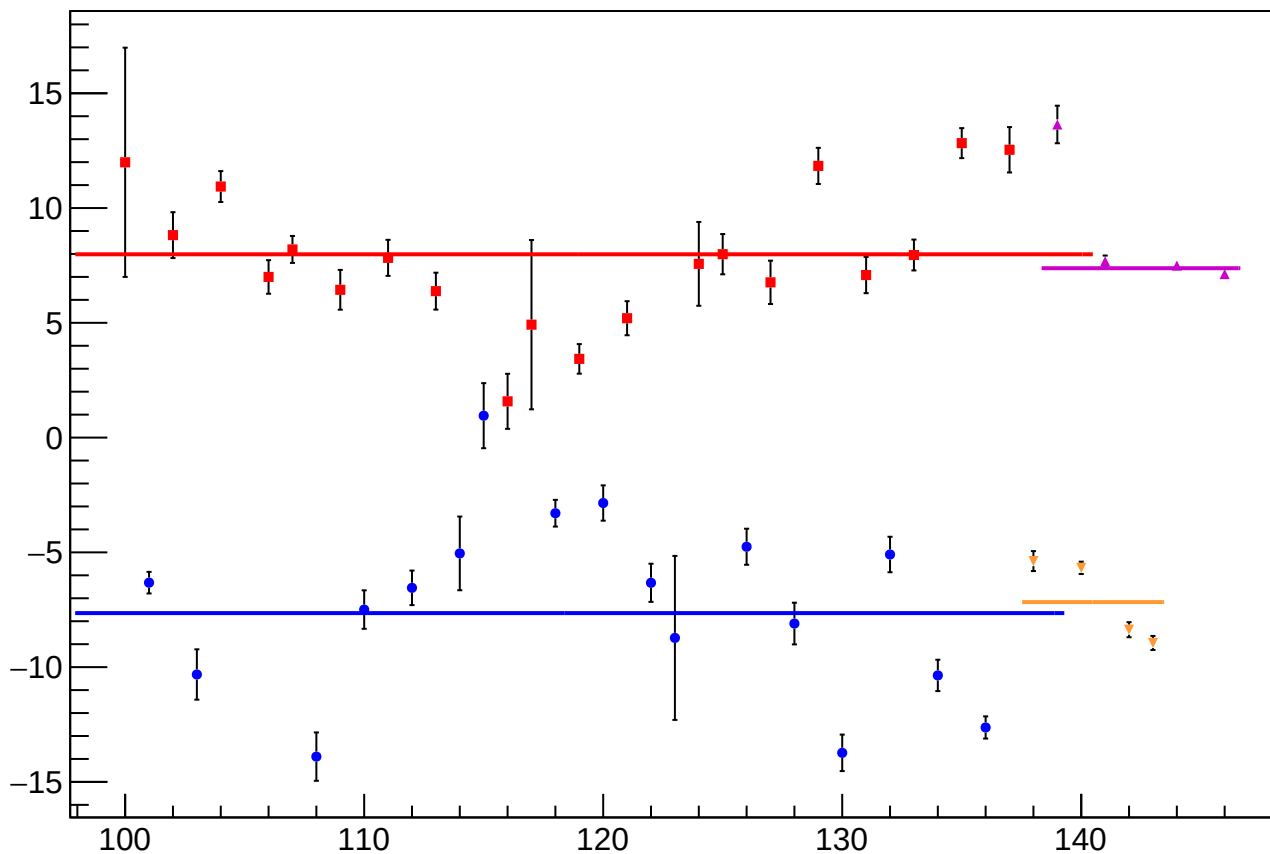
Left In: 19.149+/-0.128 χ^2/NDF : 2349.7/3

-31.492+/-0.211 χ^2/NDF : 160.4/3

5.595+/-0.109 χ^2/NDF : 44662.8/7

19.149+/-0.128 χ^2/NDF : 2349.7/3

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: -7.166 ± 0.160 χ^2/NDF : 95.1/3

Right Out: 7.985 ± 0.186 χ^2/NDF : 226.1/19

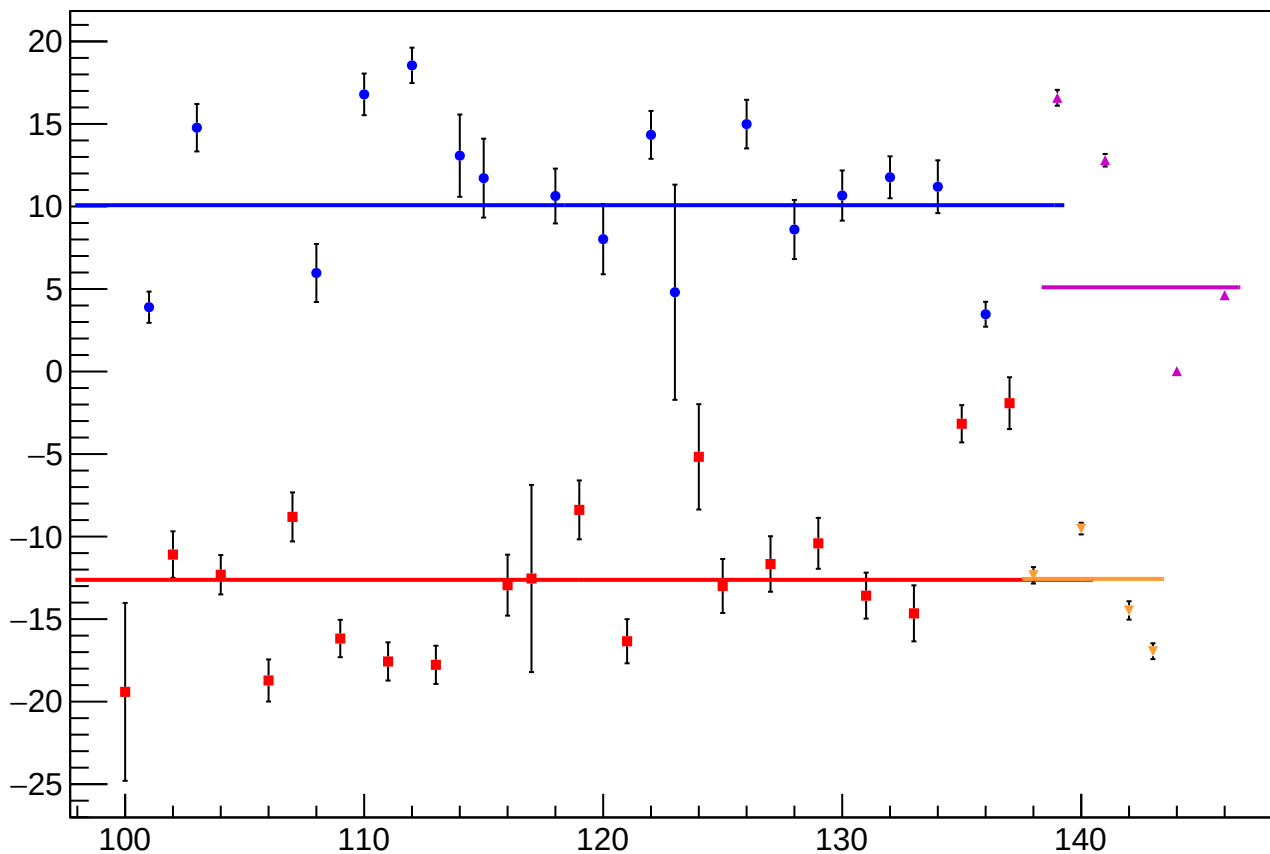
Left In: 7.378 ± 0.088 χ^2/NDF : 65.4/3

-7.370 ± 0.121 χ^2/NDF : 492.6/20

3.025 ± 0.066 χ^2/NDF : 11324.2/44

7.489 ± 0.079 χ^2/NDF : 300.3/23

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Left Out: -12.562 ± 0.226 χ^2/NDF : 169.9/3

Right Out: -12.620 ± 0.332 χ^2/NDF : 220.0/19

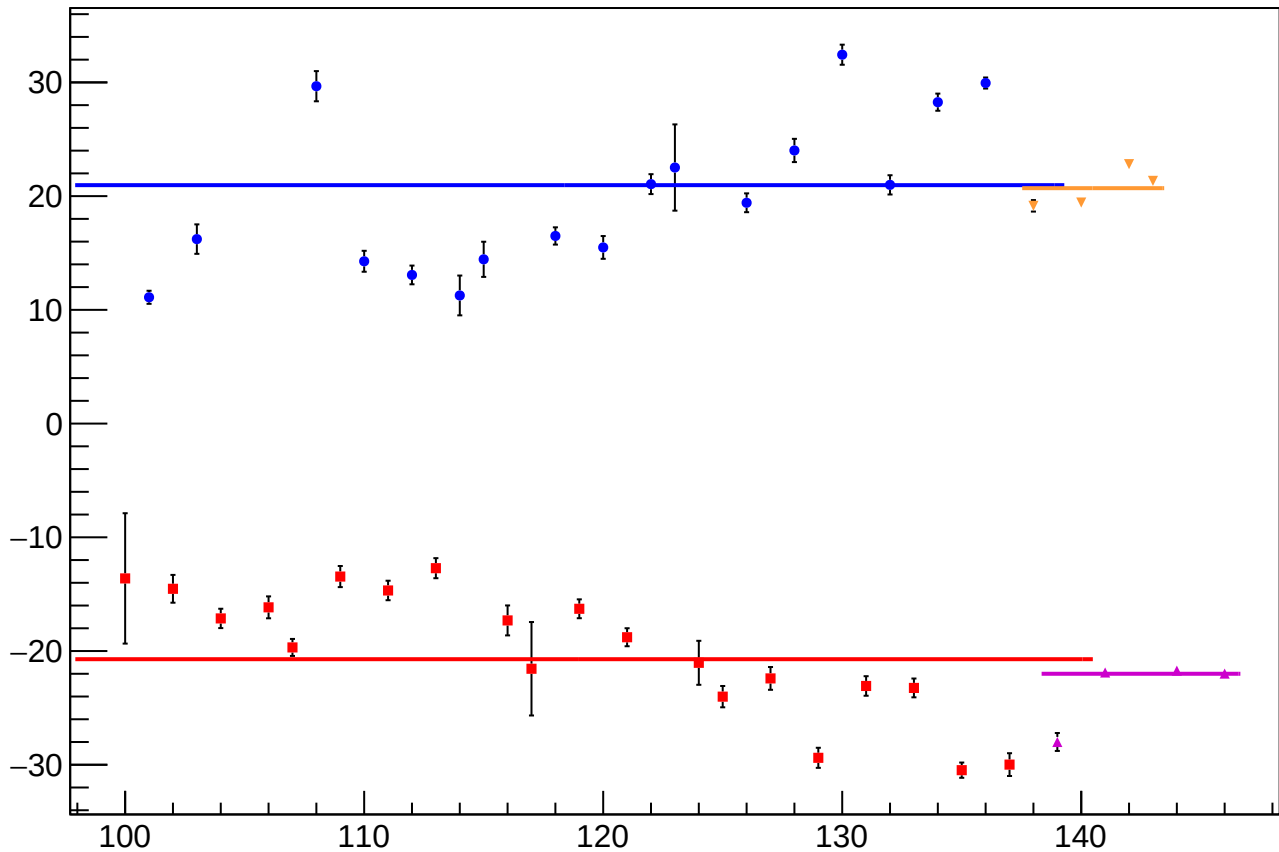
Left In: 5.102 ± 0.130 χ^2/NDF : 1438.3/3

-5.539 ± 0.188 χ^2/NDF : 3539.8/20

0.325 ± 0.102 χ^2/NDF : 9054.6/44

2.756 ± 0.121 χ^2/NDF : 4132.3/23

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: 20.699 ± 0.192 $\chi^2/\text{NDF}: 55.8/3$

Right Out: -20.718 ± 0.212 $\chi^2/\text{NDF}: 729.9/19$

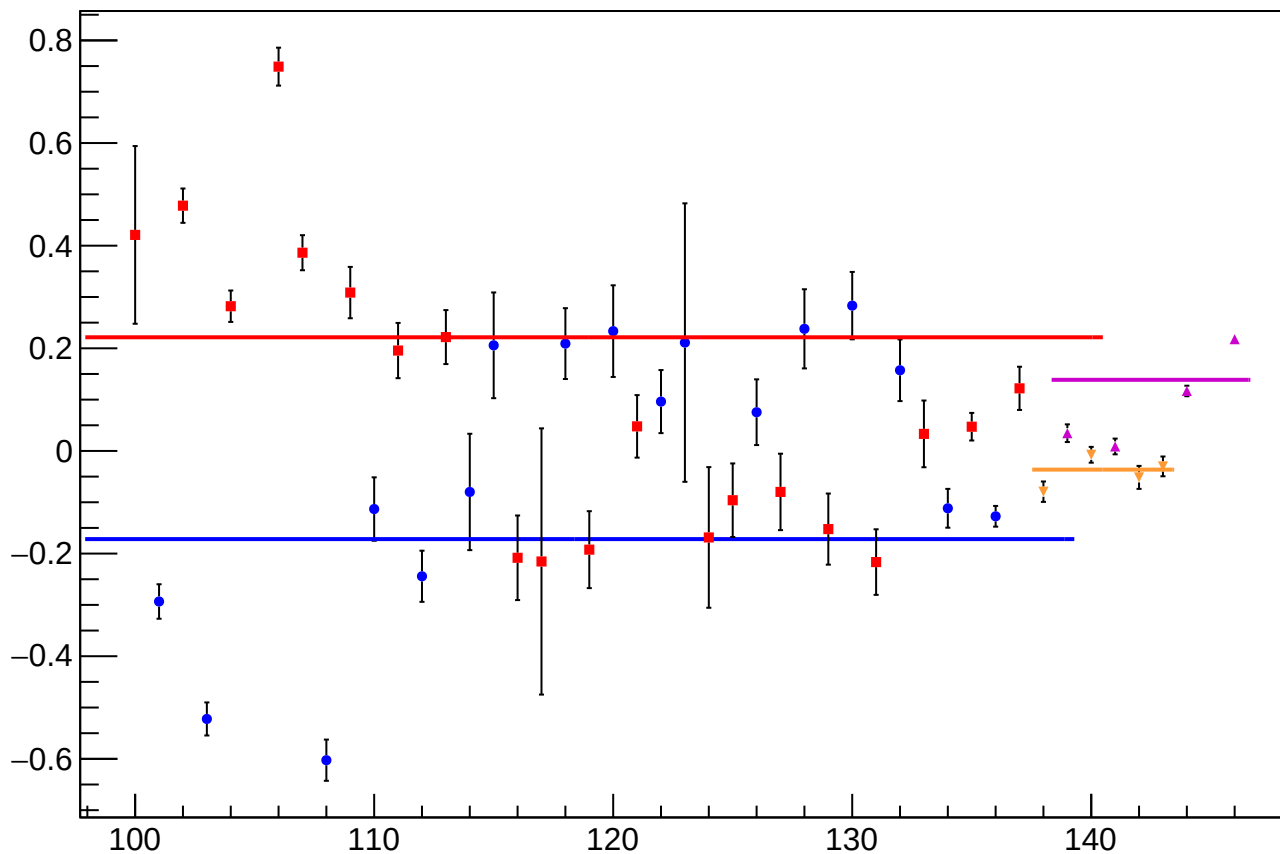
Left In: -21.999 ± 0.107 $\chi^2/\text{NDF}: 60.2/3$

20.821 ± 0.142 $\chi^2/\text{NDF}: 1282.1/20$

-8.371 ± 0.079 $\chi^2/\text{NDF}: 63999.8/44$

-21.738 ± 0.096 $\chi^2/\text{NDF}: 819.1/23$

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: -0.036 ± 0.009 χ^2/NDF : 8.8/3

Right Out: 0.221 ± 0.011 χ^2/NDF : 538.9/19

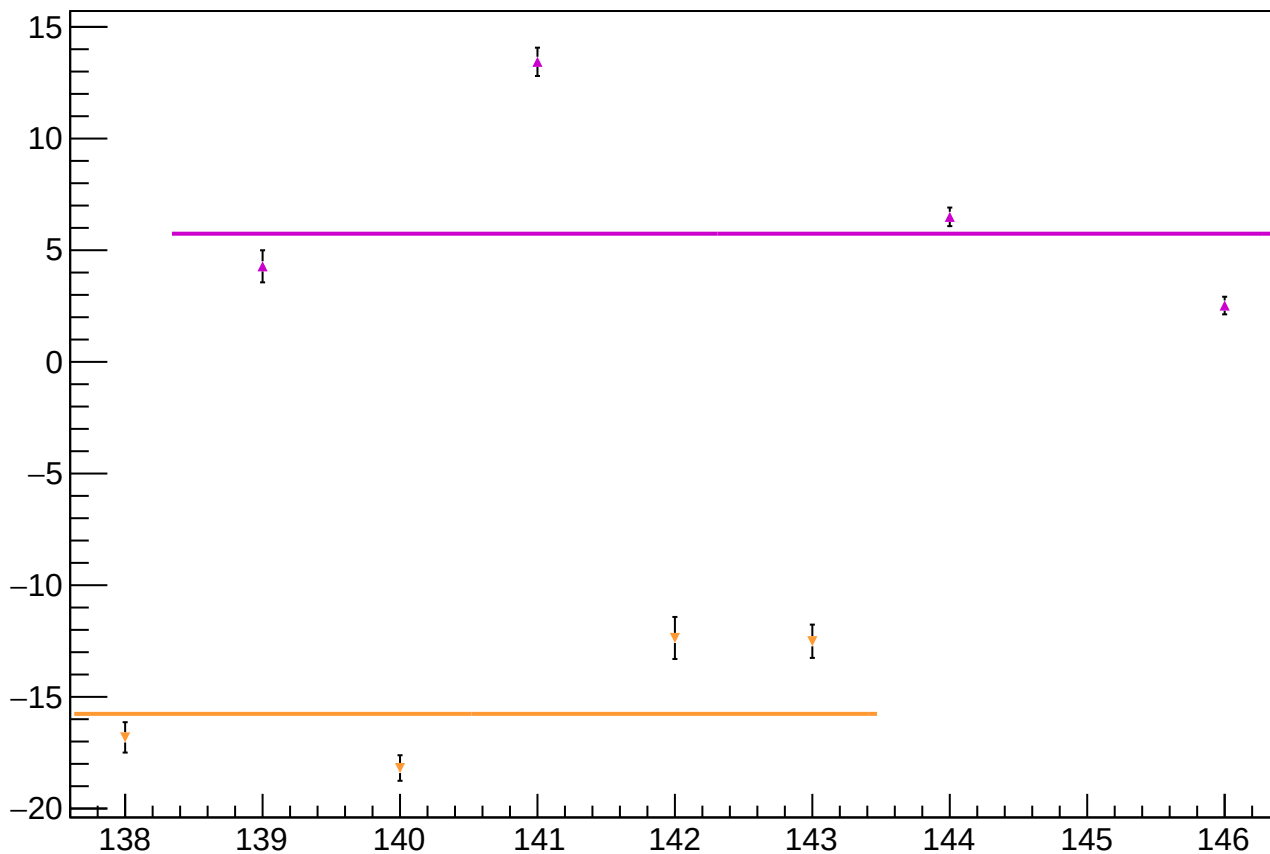
Left In: 0.139 ± 0.006 χ^2/NDF : 200.4/3

-0.092 ± 0.007 χ^2/NDF : 559.2/20

0.074 ± 0.004 χ^2/NDF : 2146.5/44

0.156 ± 0.005 χ^2/NDF : 784.6/23

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -15.761+/-0.350 χ^2/NDF : 52.4/3

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

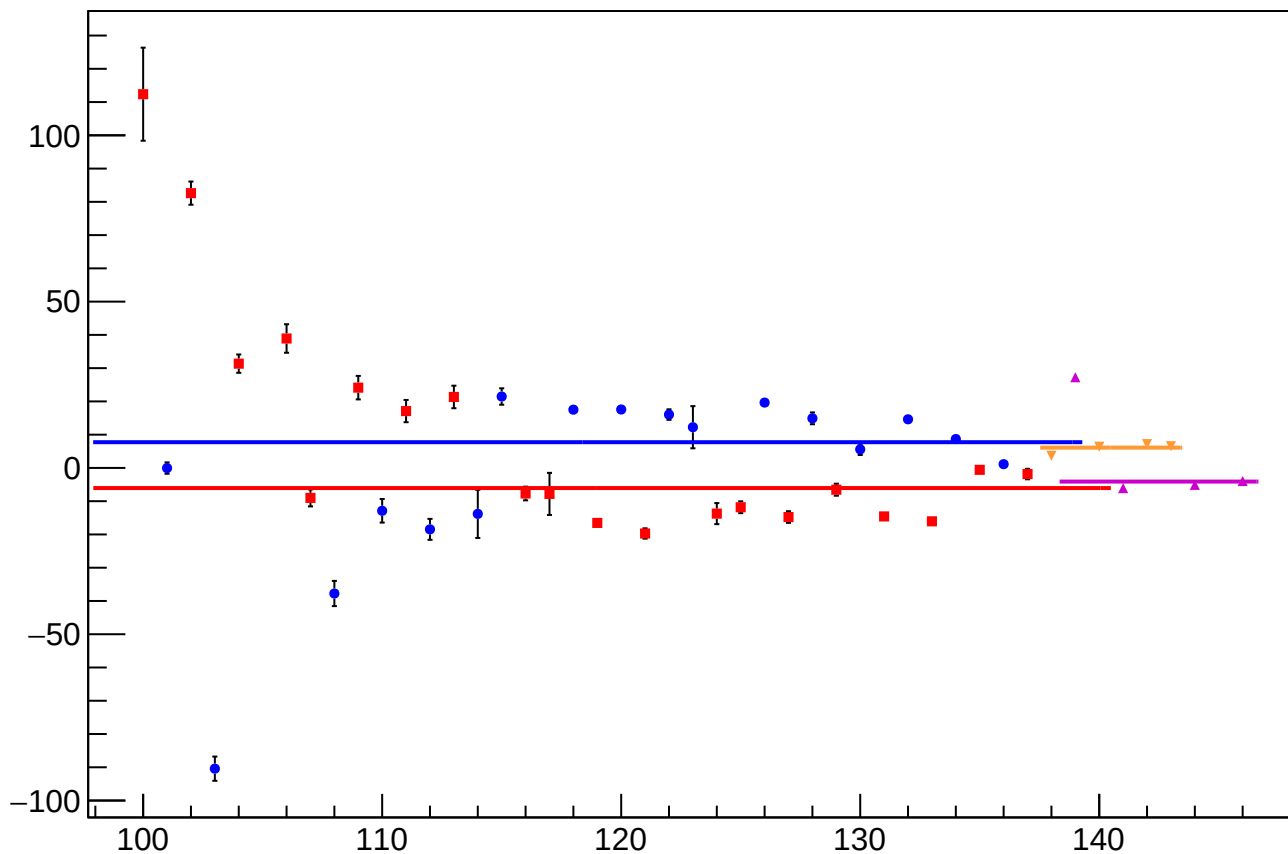
Left In: 5.740+/-0.245 χ^2/NDF : 221.3/3

-15.761+/-0.350 χ^2/NDF : 52.4/3

-1.328+/-0.201 χ^2/NDF : 2801.6/7

5.740+/-0.245 χ^2/NDF : 221.3/3

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: 6.108 ± 0.270 χ^2/NDF : 18.5/3

Right Out: -6.048 ± 0.433 χ^2/NDF : 1512.2/19

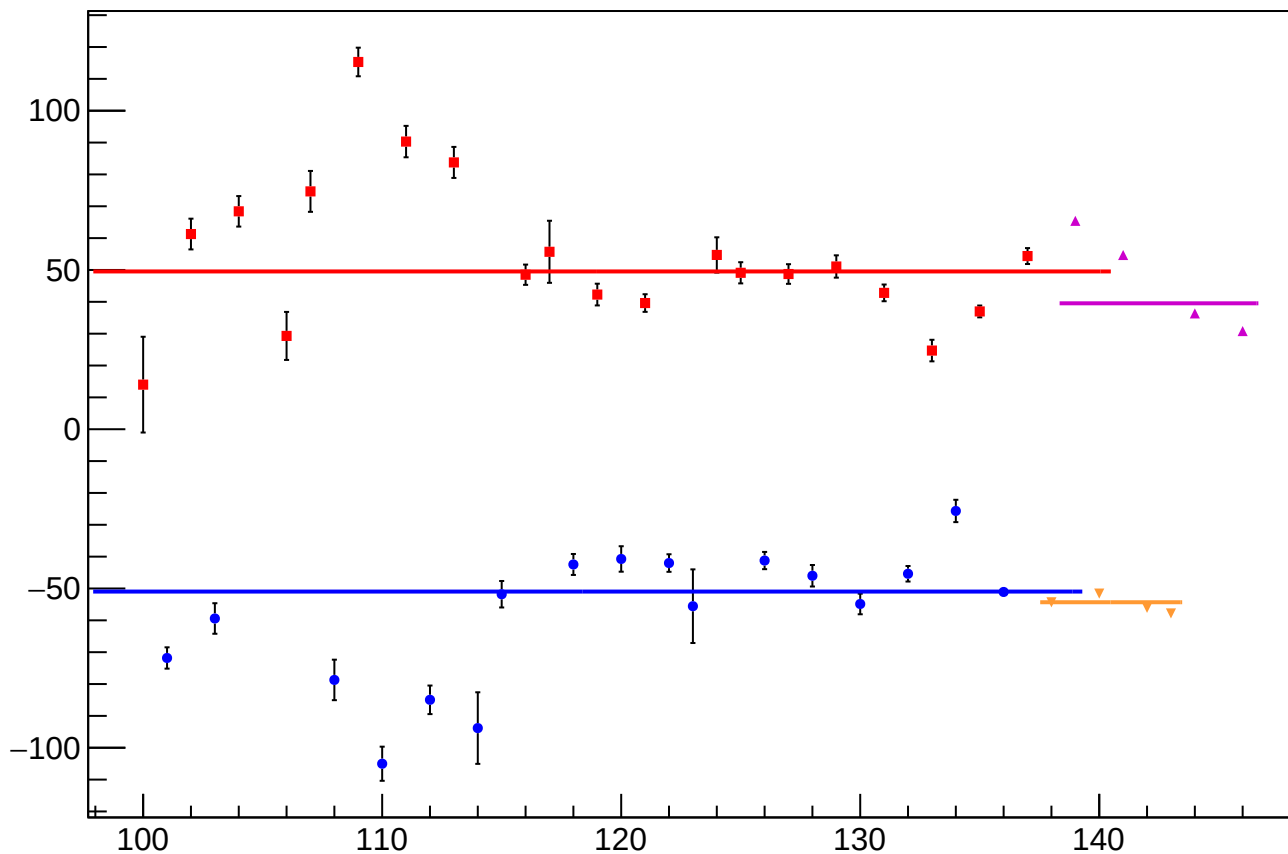
Left In: -4.102 ± 0.175 χ^2/NDF : 606.7/3

6.613 ± 0.224 χ^2/NDF : 1388.2/20

-0.602 ± 0.131 χ^2/NDF : 5100.8/44

-4.375 ± 0.162 χ^2/NDF : 2136.2/23

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: -54.319 ± 0.375 χ^2/NDF : 42.5/3

Right Out: 49.538 ± 0.795 χ^2/NDF : 510.8/19

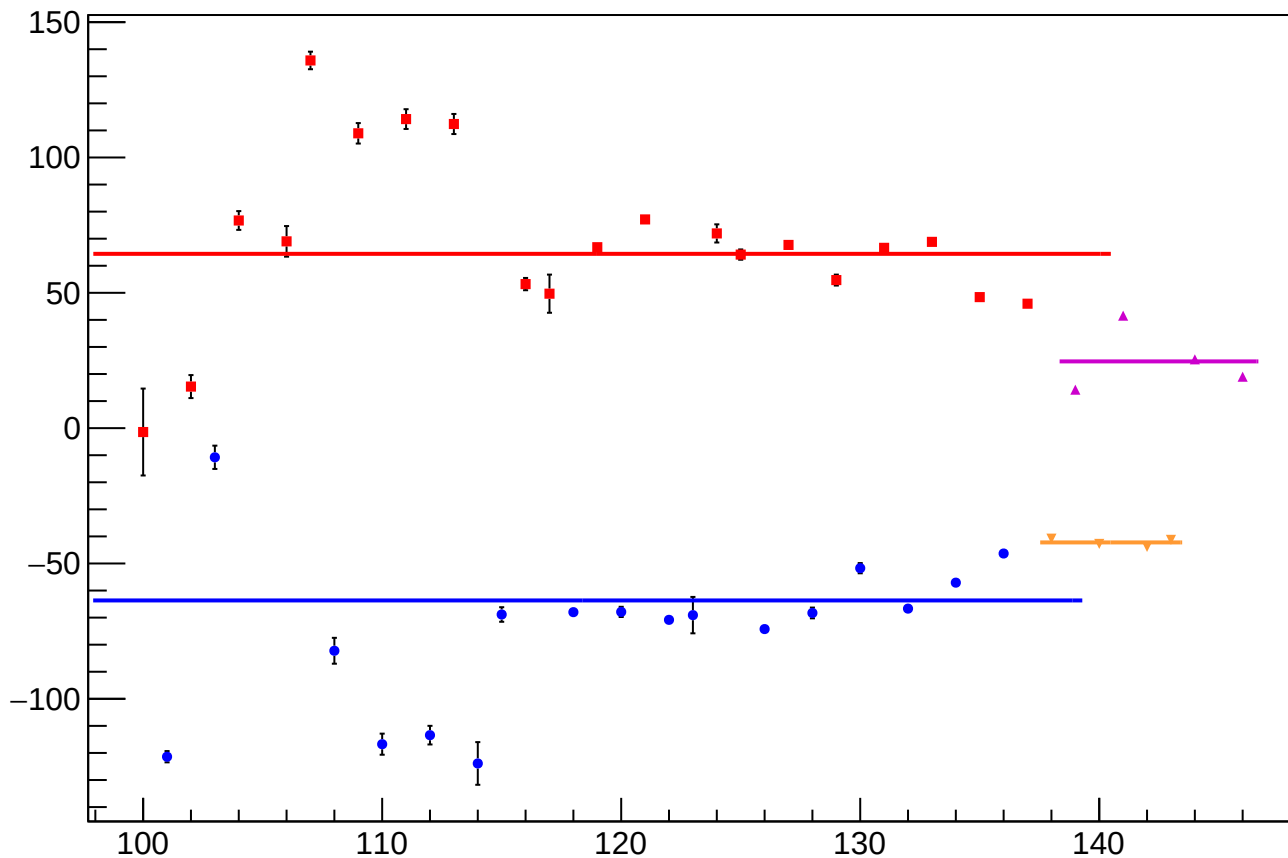
Left In: 39.534 ± 0.251 χ^2/NDF : 2195.6/3

-53.630 ± 0.334 χ^2/NDF : 391.5/20

8.515 ± 0.195 χ^2/NDF : 55509.4/44

40.445 ± 0.240 χ^2/NDF : 2850.5/23

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656±/0.445 χ^2/NDF : 2014.7/16

Left Out: -42.221±/0.324 χ^2/NDF : 12.1/3

Right Out: 64.401±/0.481 χ^2/NDF : 1611.2/19

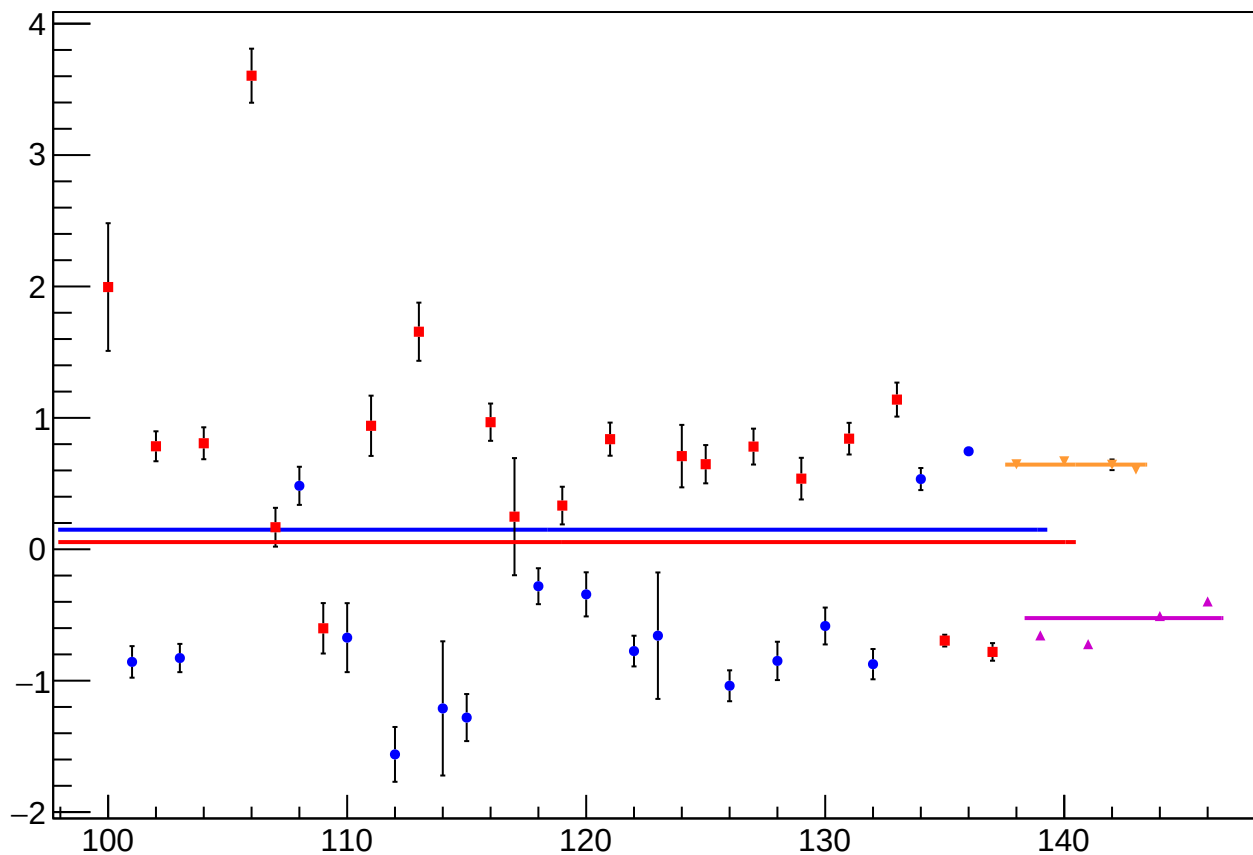
Left In: 24.662±/0.212 χ^2/NDF : 1368.1/3

-49.646±/0.262 χ^2/NDF : 3540.9/20

2.504±/0.156 χ^2/NDF : 73535.7/44

31.129±/0.194 χ^2/NDF : 8685.2/23

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 ± 0.024 $\chi^2/\text{NDF}: 989.9/16$

Left Out: 0.644 ± 0.016 $\chi^2/\text{NDF}: 2.3/3$

Right Out: 0.055 ± 0.026 $\chi^2/\text{NDF}: 1168.0/19$

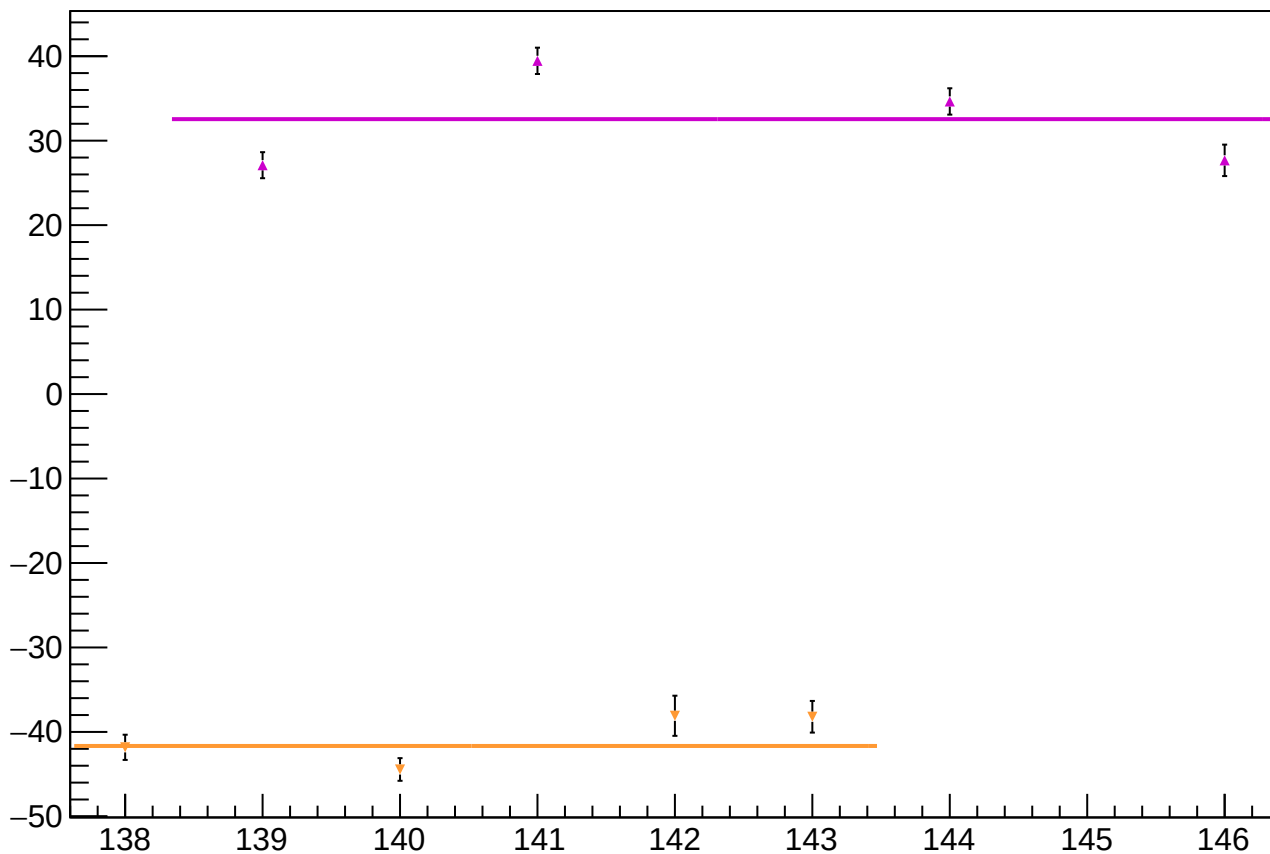
Left In: -0.524 ± 0.011 $\chi^2/\text{NDF}: 126.8/3$

0.498 ± 0.013 $\chi^2/\text{NDF}: 1293.3/20$

-0.091 ± 0.008 $\chi^2/\text{NDF}: 6263.0/44$

-0.439 ± 0.010 $\chi^2/\text{NDF}: 1712.4/23$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -41.661 ± 0.826 χ^2/NDF : 10.0/3

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

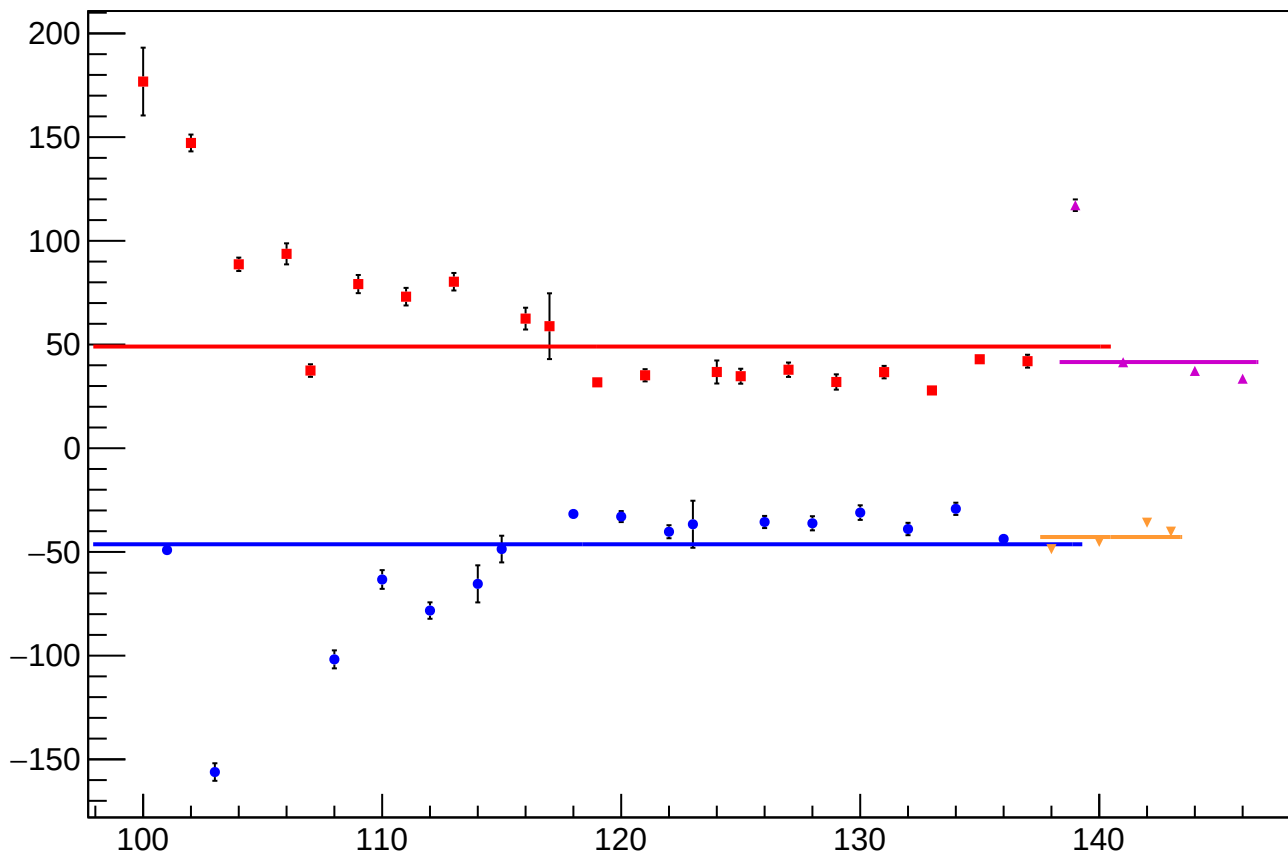
Left In: 32.547 ± 0.808 χ^2/NDF : 40.8/3

-41.661 ± 0.826 χ^2/NDF : 10.0/3

-3.747 ± 0.577 χ^2/NDF : 4177.1/7

32.547 ± 0.808 χ^2/NDF : 40.8/3

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: -42.803 +/- 0.655 χ^2/NDF : 45.3/3

Right Out: 49.031 +/- 0.763 χ^2/NDF : 1272.0/19

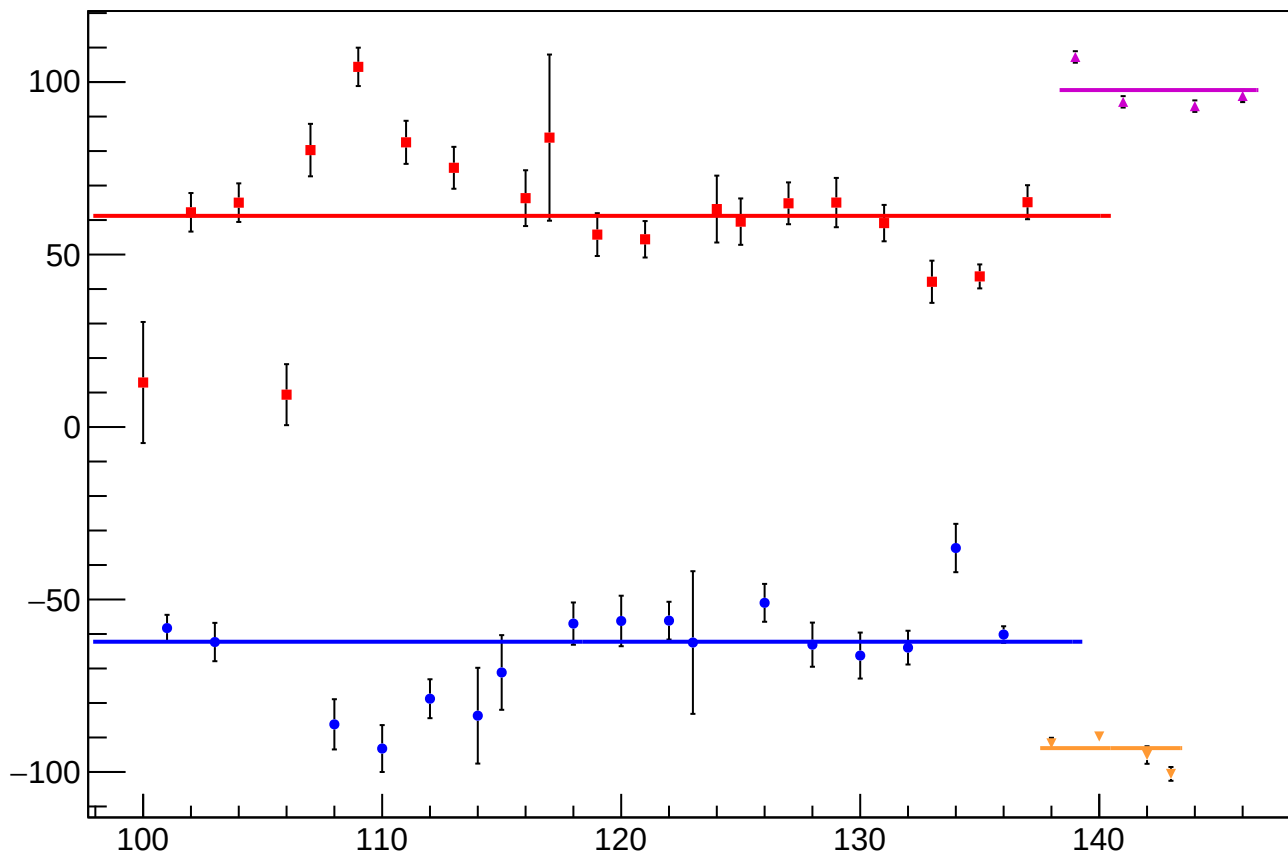
Left In: 41.557 +/- 0.630 χ^2/NDF : 797.8/3

-44.381 +/- 0.486 χ^2/NDF : 1142.2/20

0.065 +/- 0.343 χ^2/NDF : 20044.1/44

44.590 +/- 0.486 χ^2/NDF : 2126.9/23

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: -93.083 ± 0.885 χ^2/NDF : 20.9/3

Right Out: 61.216 ± 1.377 χ^2/NDF : 166.5/19

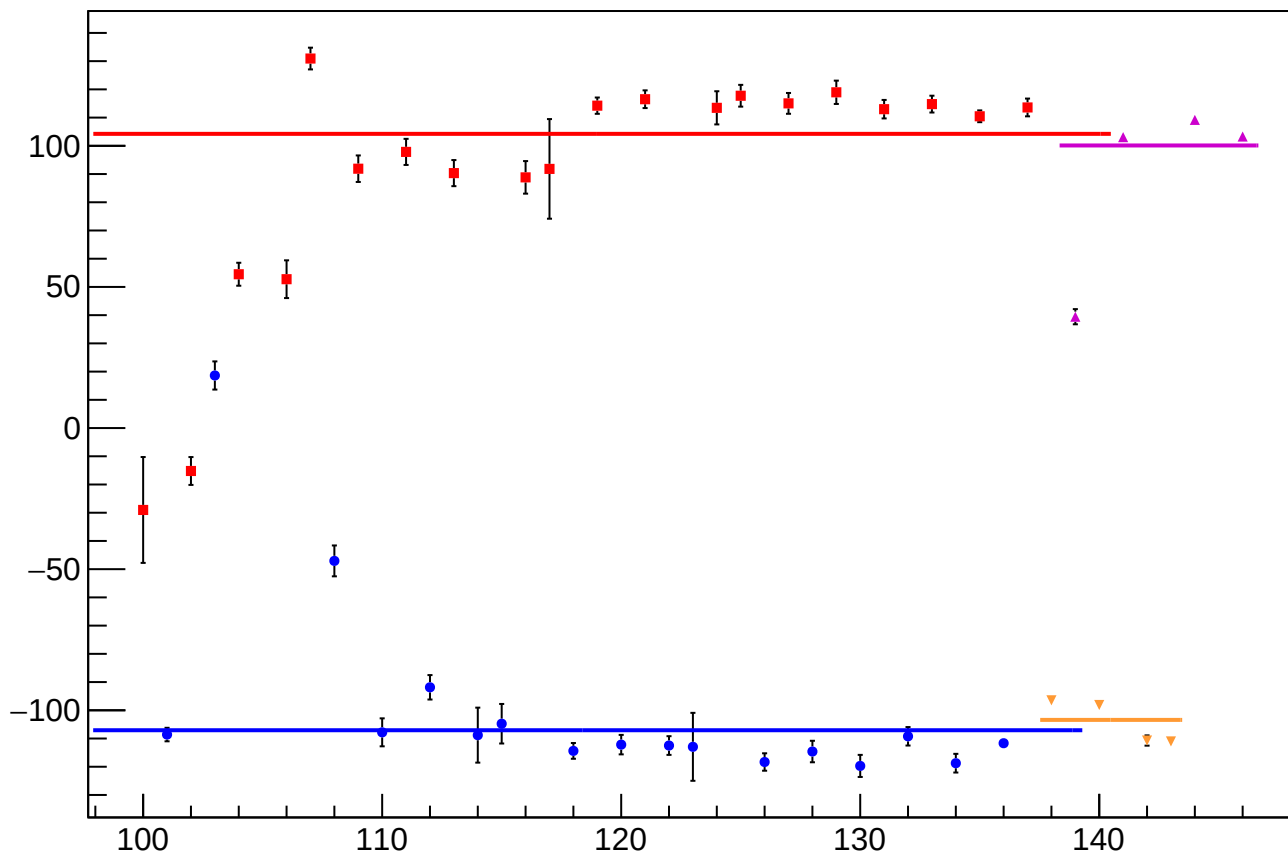
Left In: 97.682 ± 0.846 χ^2/NDF : 46.1/3

-83.419 ± 0.733 χ^2/NDF : 468.8/20

3.595 ± 0.514 χ^2/NDF : 28870.7/44

87.688 ± 0.721 χ^2/NDF : 721.5/23

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: -103.403 ± 0.783 χ^2/NDF : 72.9/3

Right Out: 104.240 ± 0.860 χ^2/NDF : 1019.1/19

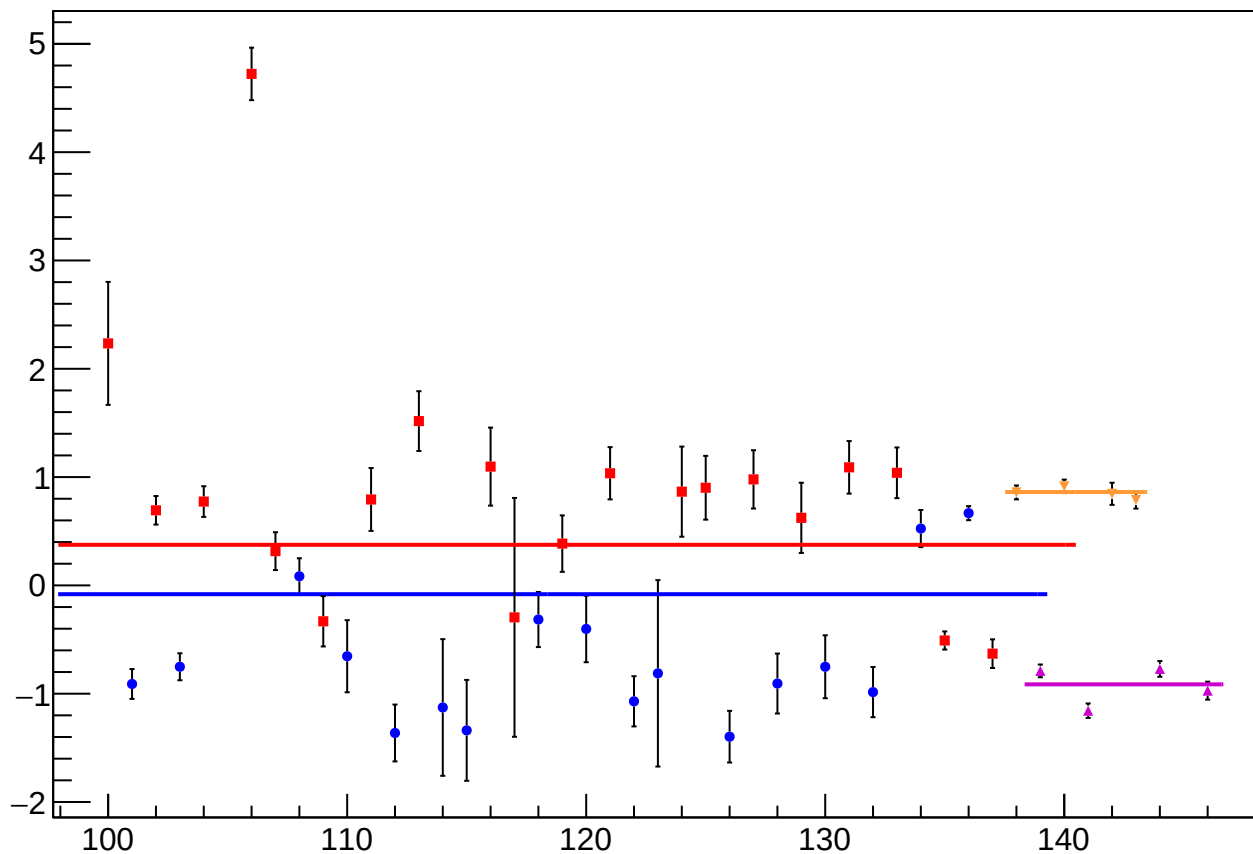
Left In: 100.125 ± 0.754 χ^2/NDF : 565.9/3

-105.169 ± 0.563 χ^2/NDF : 911.8/20

-2.282 ± 0.400 χ^2/NDF : 69641.2/44

101.914 ± 0.567 χ^2/NDF : 1598.0/23

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: 0.862 ± 0.036 χ^2/NDF : 1.6/3

Right Out: 0.375 ± 0.044 χ^2/NDF : 583.4/19

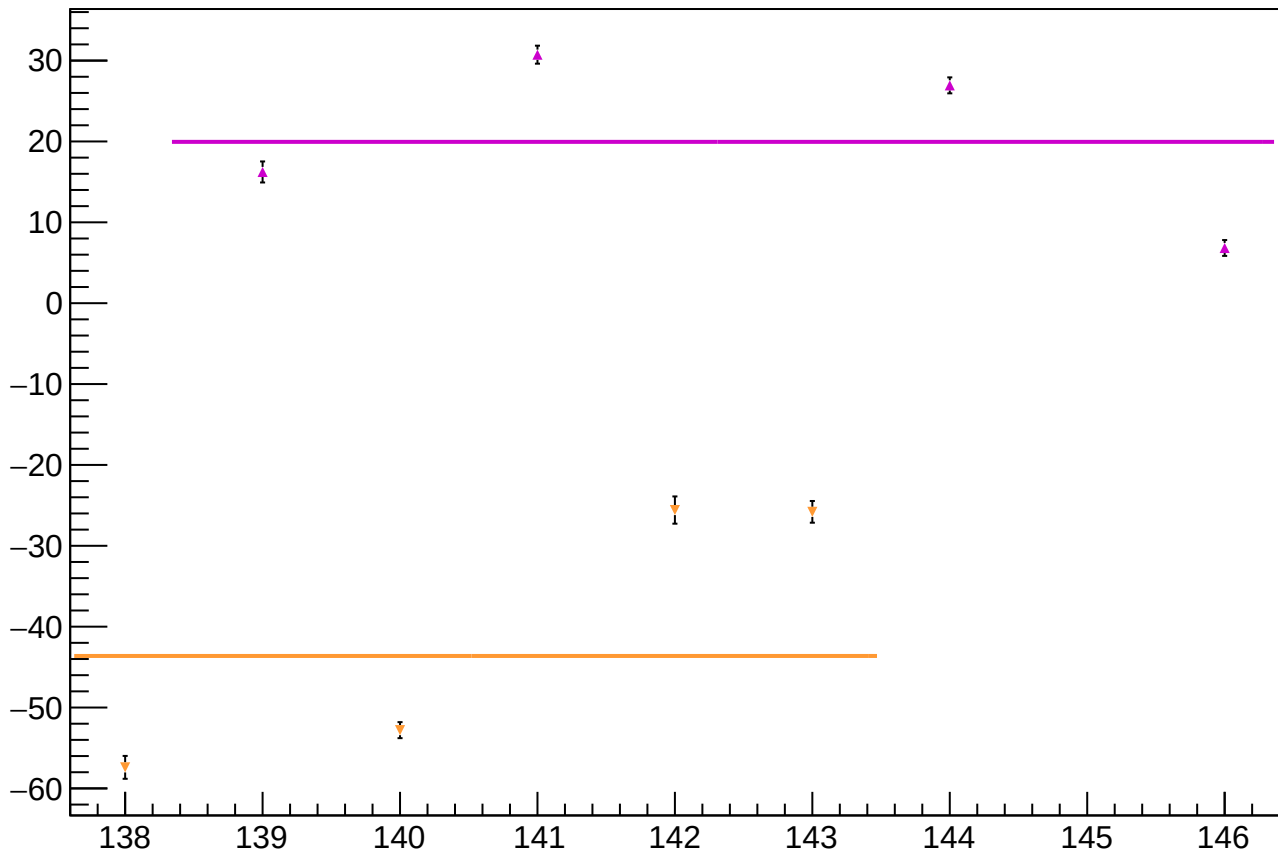
Left In: -0.914 ± 0.034 χ^2/NDF : 22.0/3

0.459 ± 0.028 χ^2/NDF : 617.2/20

0.010 ± 0.019 χ^2/NDF : 2279.3/44

-0.423 ± 0.027 χ^2/NDF : 1140.0/23

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: -43.623+/-0.642 χ^2/NDF : 471.4/3

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

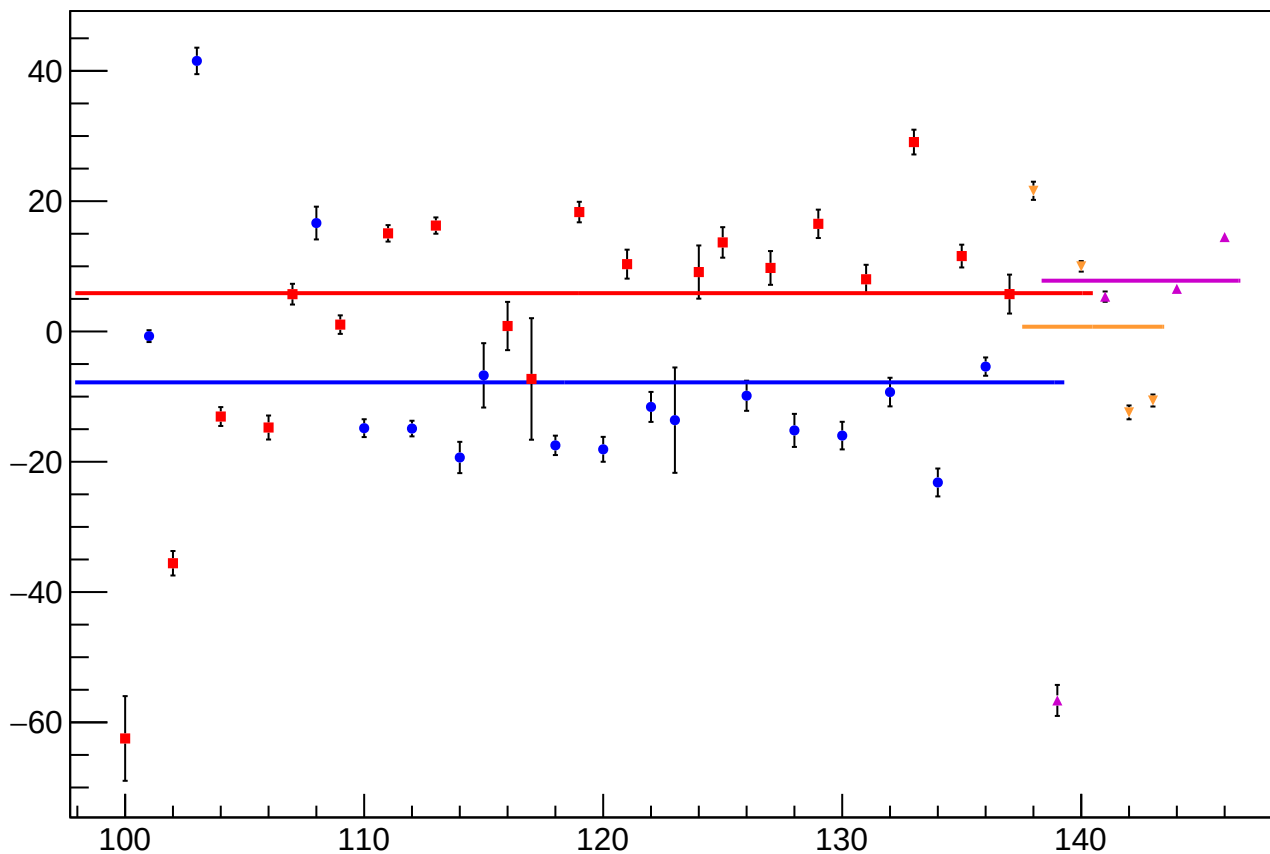
Left In: 19.950+/-0.537 χ^2/NDF : 331.6/3

-43.623+/-0.642 χ^2/NDF : 471.4/3

-6.223+/-0.412 χ^2/NDF : 6572.0/7

19.950+/-0.537 χ^2/NDF : 331.6/3

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: 0.730 ± 0.494 χ^2/NDF : 659.0/3

Right Out: 5.880 ± 0.429 χ^2/NDF : 1295.1/19

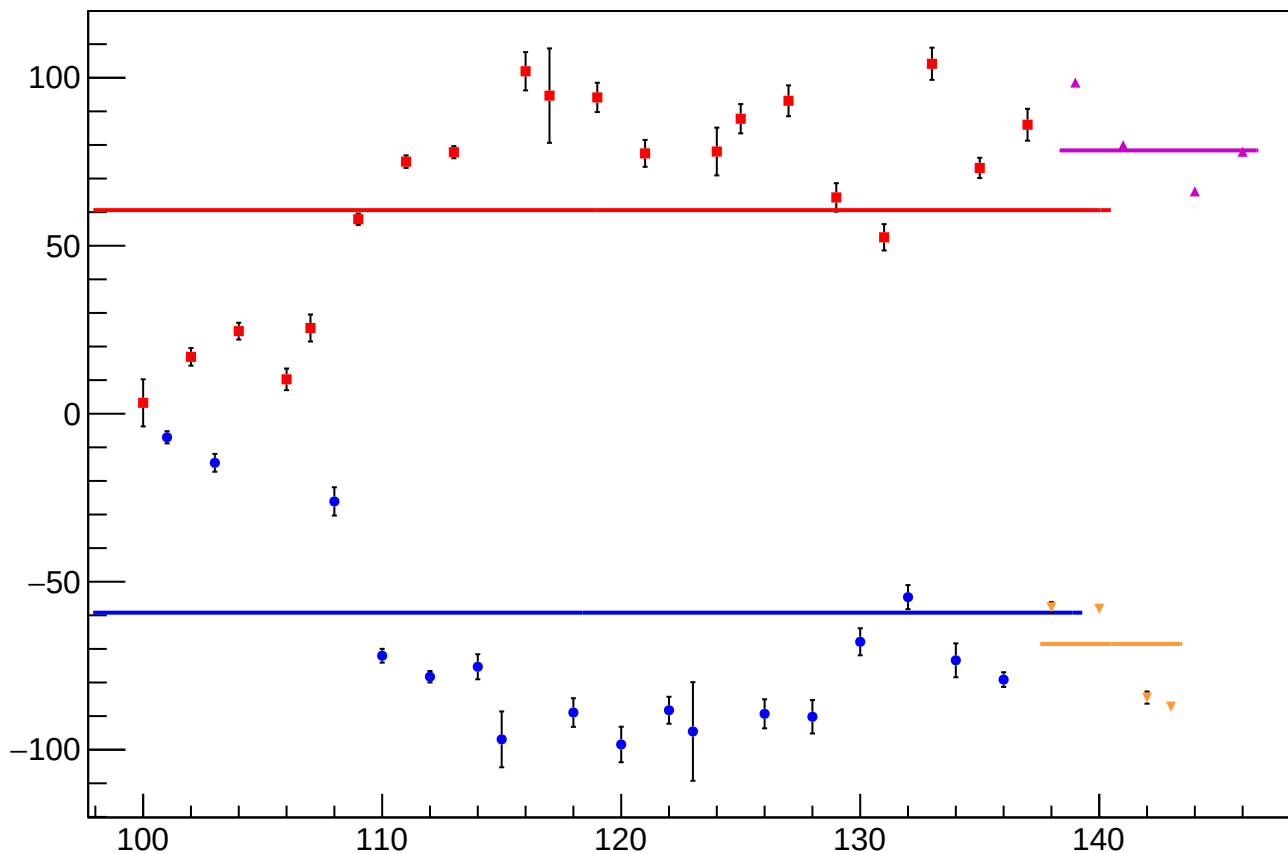
Left In: 7.795 ± 0.394 χ^2/NDF : 864.4/3

-4.153 ± 0.323 χ^2/NDF : 1812.9/20

1.976 ± 0.216 χ^2/NDF : 4633.4/44

6.918 ± 0.290 χ^2/NDF : 2170.3/23

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: -68.510+/-0.687 χ^2/NDF : 396.9/3

Right Out: 60.598+/-0.703 χ^2/NDF : 1389.8/19

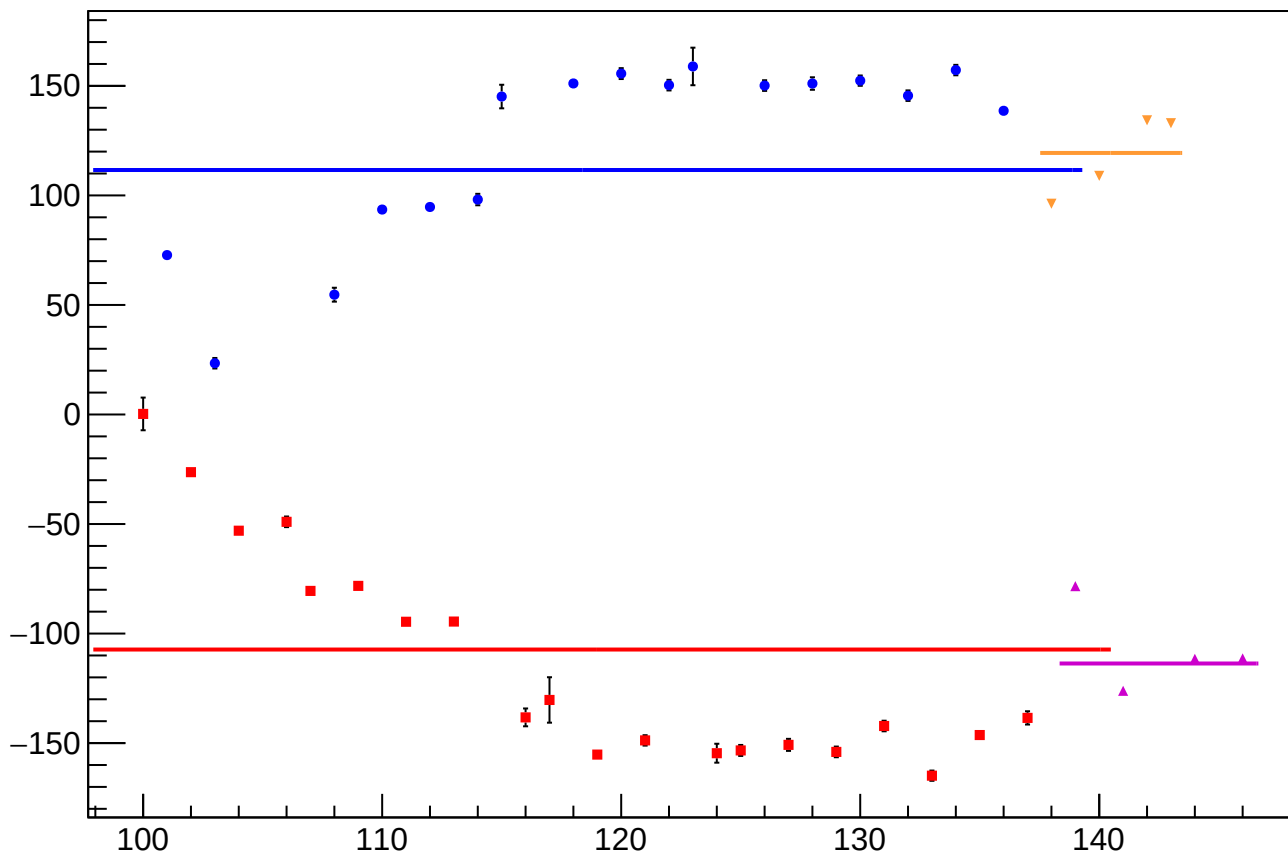
Left In: 78.376+/-0.555 χ^2/NDF : 341.6/3

-64.230+/-0.505 χ^2/NDF : 2201.6/20

13.556+/-0.330 χ^2/NDF : 45795.8/44

71.551+/-0.436 χ^2/NDF : 2125.1/23

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599 $\pm$ 0.487 χ^2/NDF : 5959.5/16

Left Out: 119.388 $\pm$ 0.592 χ^2/NDF : 607.1/3

Right Out: -107.289 $\pm$ 0.487 χ^2/NDF : 7042.4/19

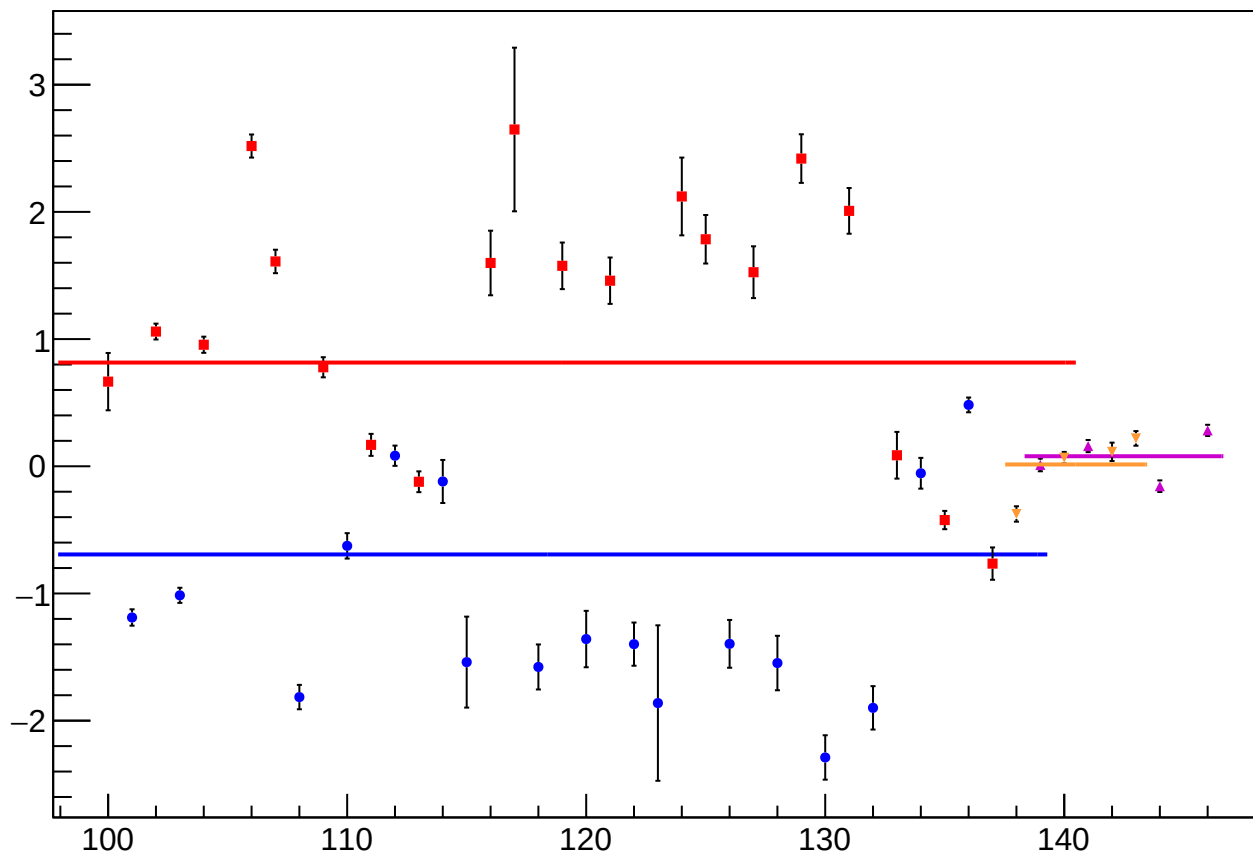
Left In: -113.663 $\pm$ 0.476 χ^2/NDF : 423.5/3

114.739 $\pm$ 0.376 χ^2/NDF : 6669.9/20

-9.067 $\pm$ 0.252 χ^2/NDF : 211628.1/44

-110.552 $\pm$ 0.340 χ^2/NDF : 7553.5/23

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: 0.014 ± 0.028 χ^2/NDF : 57.2/3

Right Out: 0.815 ± 0.024 χ^2/NDF : 1318.8/19

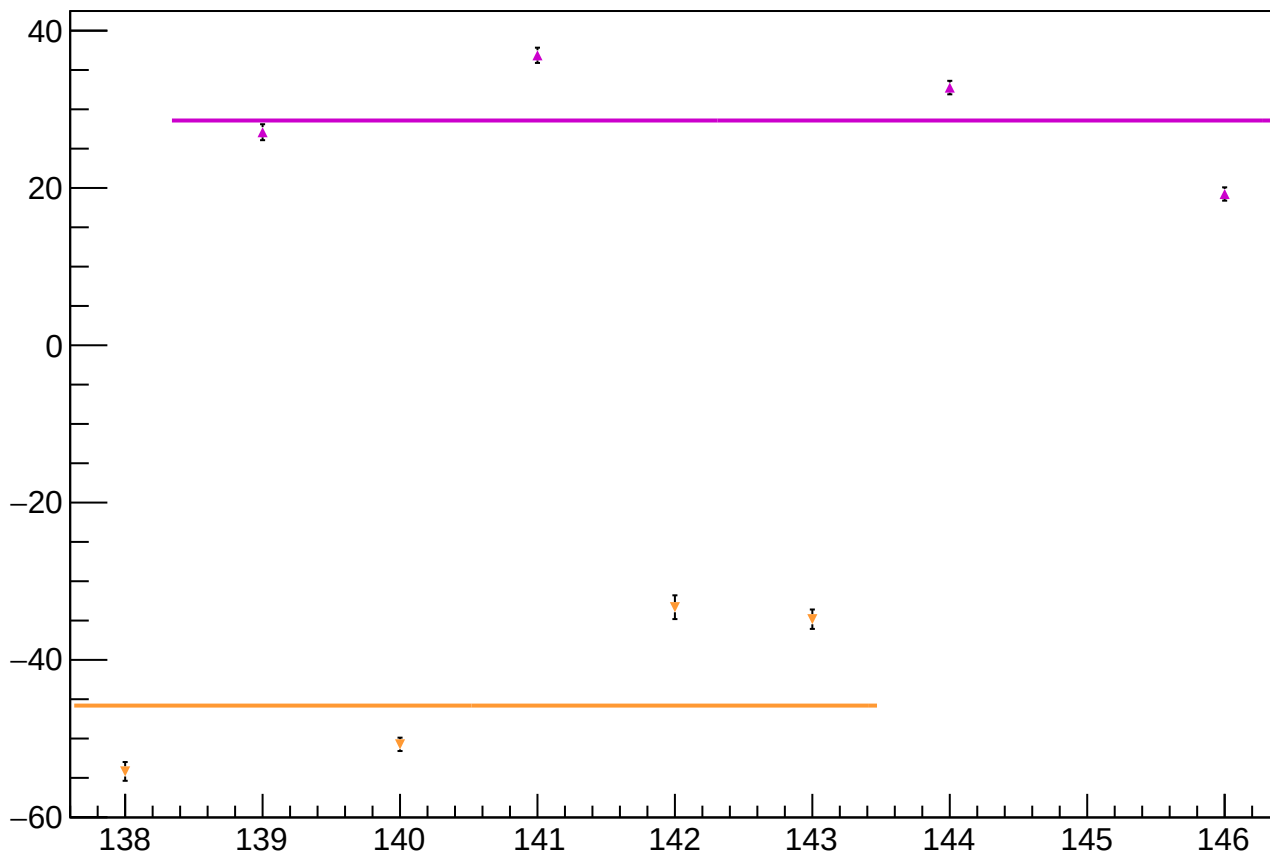
Left In: 0.079 ± 0.023 χ^2/NDF : 52.6/3

-0.373 ± 0.019 χ^2/NDF : 1390.9/20

0.079 ± 0.013 χ^2/NDF : 4241.2/44

0.433 ± 0.017 χ^2/NDF : 1848.2/23

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -45.810+/-0.561 χ^2/NDF : 230.6/3

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

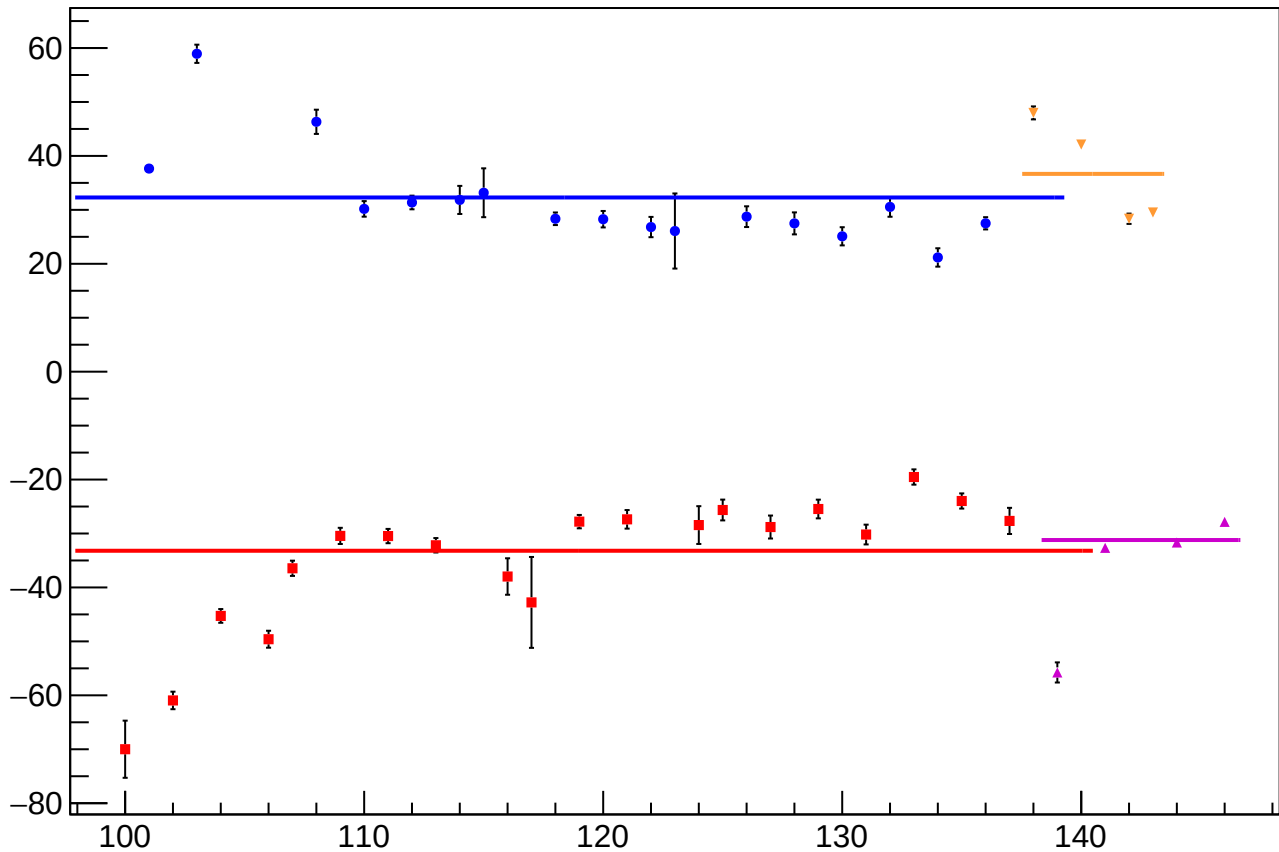
Left In: 28.577+/-0.457 χ^2/NDF : 220.4/3

-45.810+/-0.561 χ^2/NDF : 230.6/3

-1.139+/-0.354 χ^2/NDF : 11022.9/7

28.577+/-0.457 χ^2/NDF : 220.4/3

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: 36.669 $\pm$ 0.438 χ^2 /NDF: 295.4/3

Right Out: -33.199 $\pm$ 0.379 χ^2 /NDF: 771.6/19

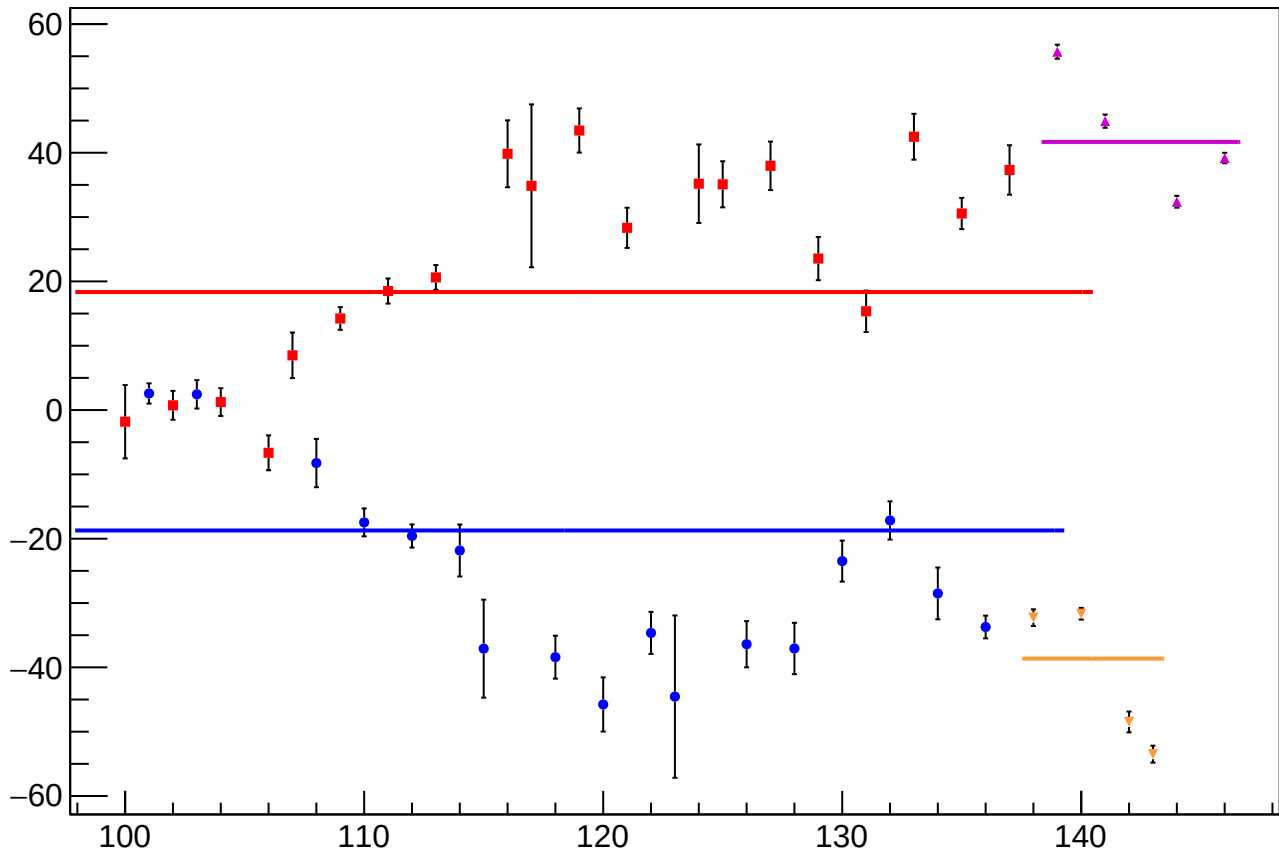
Left In: -31.209 $\pm$ 0.346 χ^2 /NDF: 216.2/3

34.133 $\pm$ 0.284 χ^2 /NDF: 805.5/20

-2.461 $\pm$ 0.190 χ^2 /NDF: 31921.8/44

-32.114 $\pm$ 0.255 χ^2 /NDF: 1002.8/23

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: -38.648 ± 0.600 χ^2/NDF : 247.8/3

Right Out: 18.348 ± 0.643 χ^2/NDF : 474.3/19

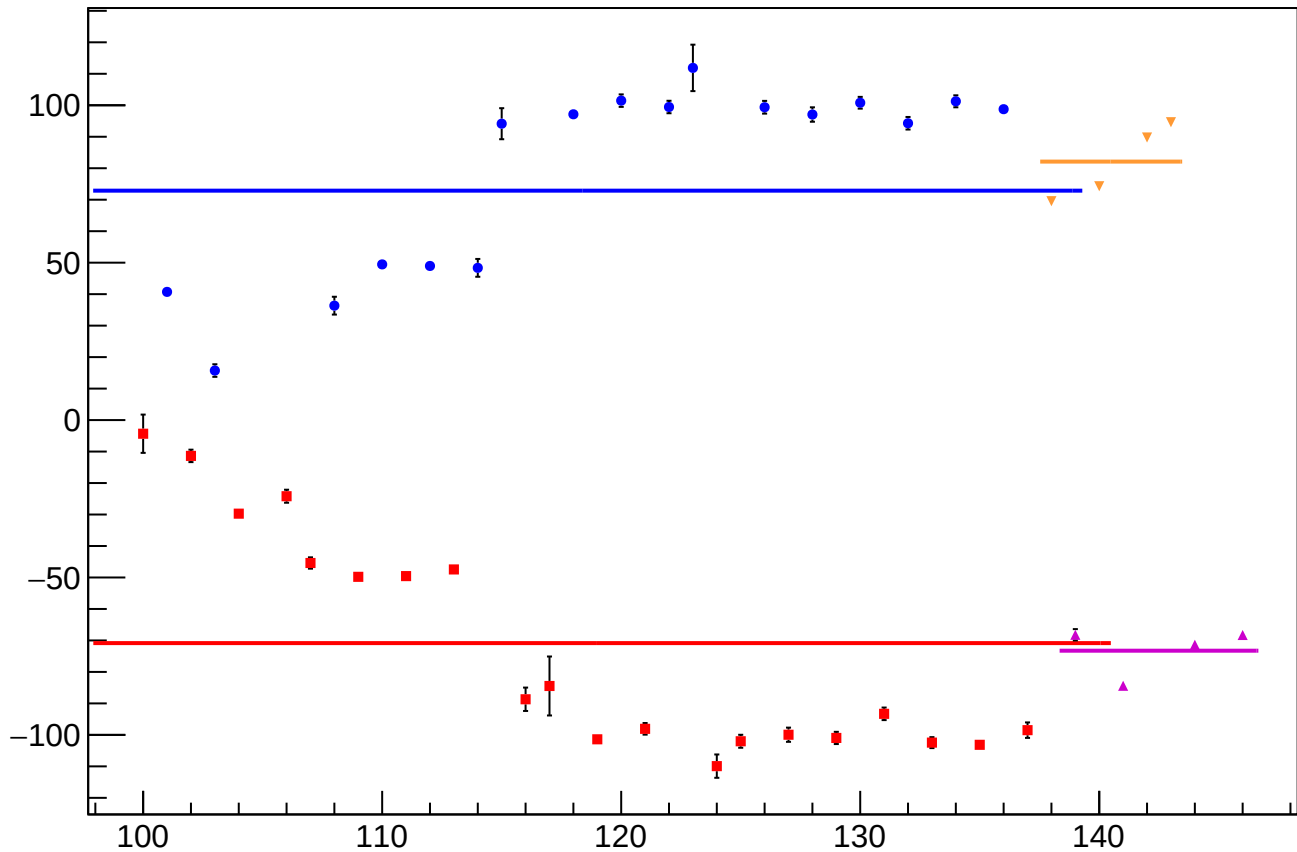
Left In: 41.682 ± 0.473 χ^2/NDF : 285.6/3

-29.709 ± 0.446 χ^2/NDF : 1262.0/20

6.779 ± 0.290 χ^2/NDF : 14482.8/44

33.473 ± 0.381 χ^2/NDF : 1614.3/23

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.875+/-0.426 χ^2/NDF : 4737.9/16

Left Out: 82.109+/-0.524 χ^2/NDF : 364.2/3

Right Out: -70.844+/-0.433 χ^2/NDF : 5491.4/19

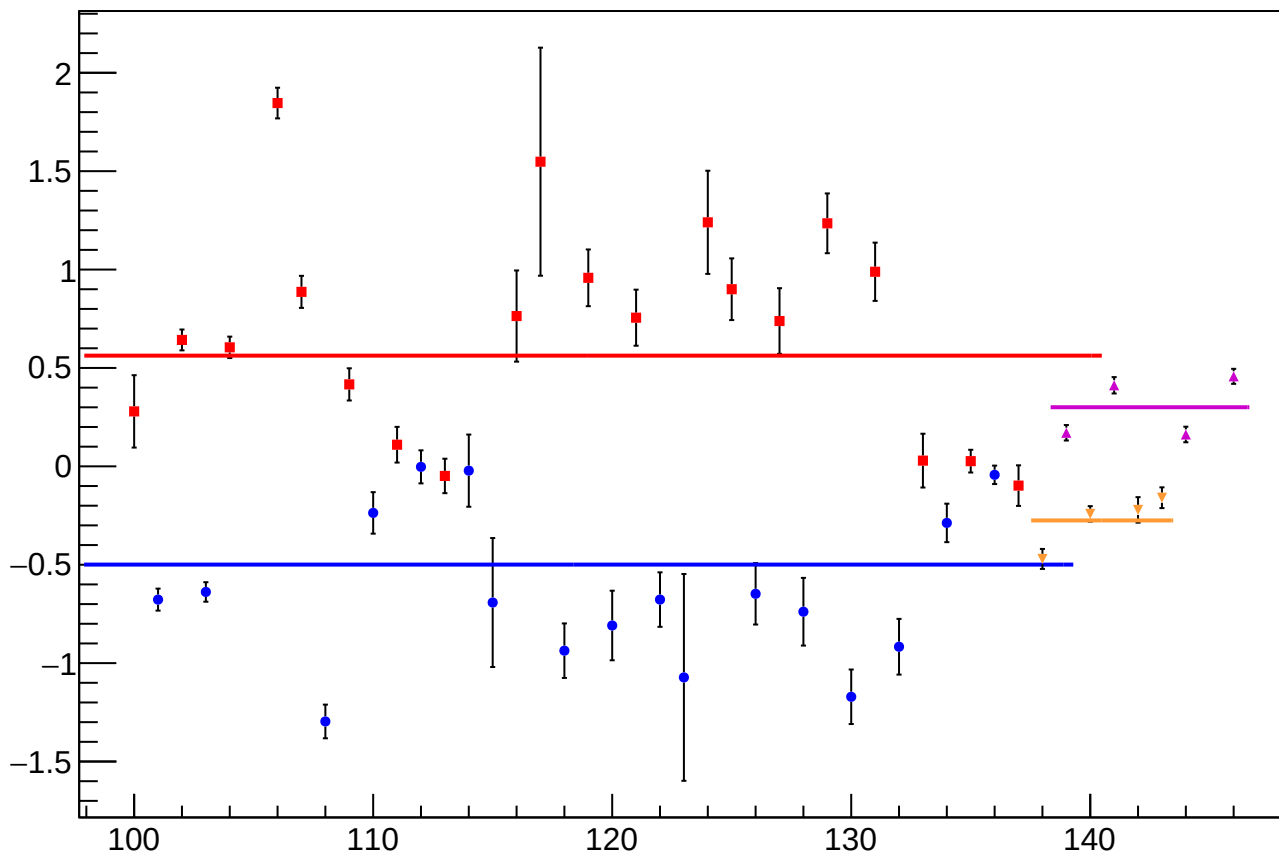
Left In: -73.257+/-0.414 χ^2/NDF : 248.3/3

76.551+/-0.330 χ^2/NDF : 5289.3/20

-5.096+/-0.222 χ^2/NDF : 122275.7/44

-72.104+/-0.299 χ^2/NDF : 5755.9/23

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: -0.275 ± 0.025 χ^2/NDF : 21.0/3

Right Out: 0.563 ± 0.021 χ^2/NDF : 565.2/19

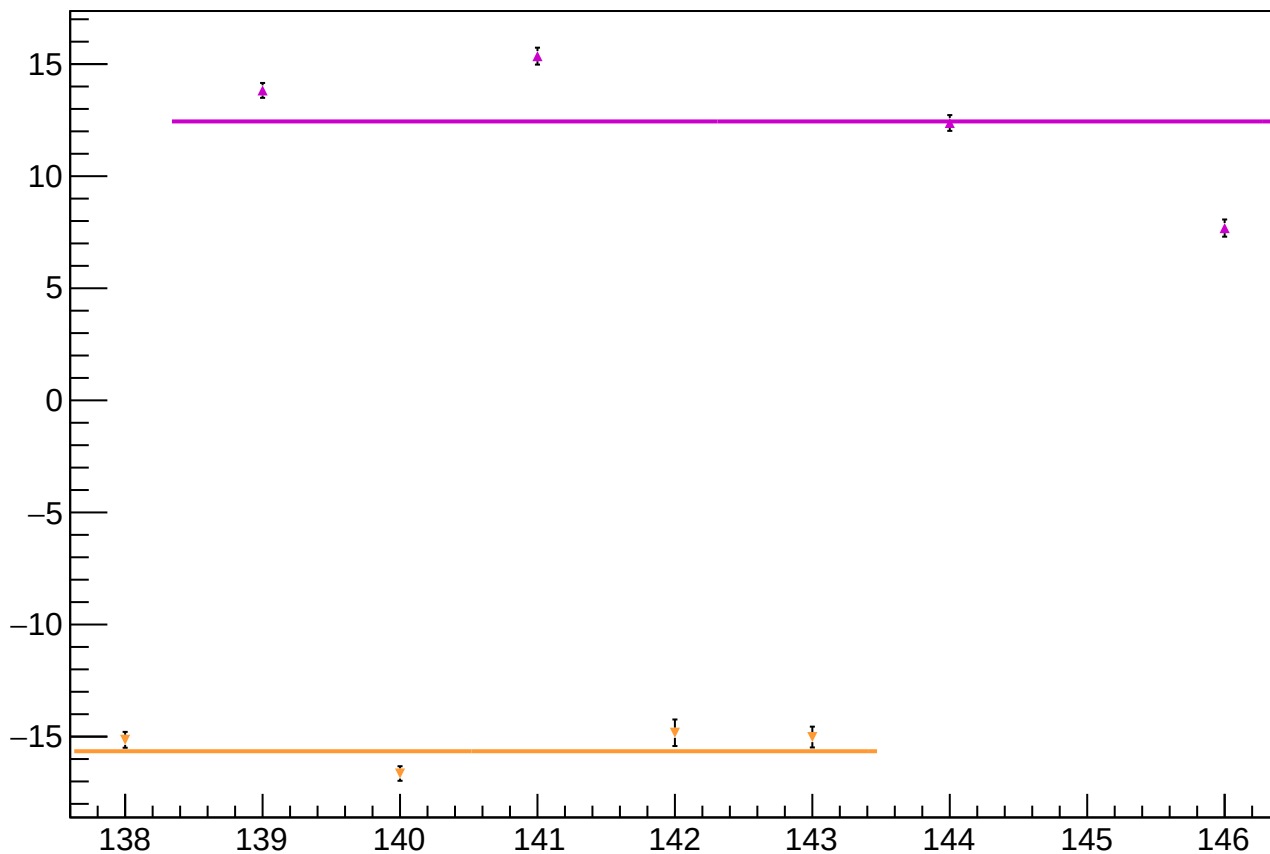
Left In: 0.300 ± 0.020 χ^2/NDF : 47.2/3

-0.399 ± 0.017 χ^2/NDF : 369.9/20

0.065 ± 0.011 χ^2/NDF : 2448.8/44

0.422 ± 0.015 χ^2/NDF : 693.3/23

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -15.652+/-0.200 χ^2/NDF : 15.2/3

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

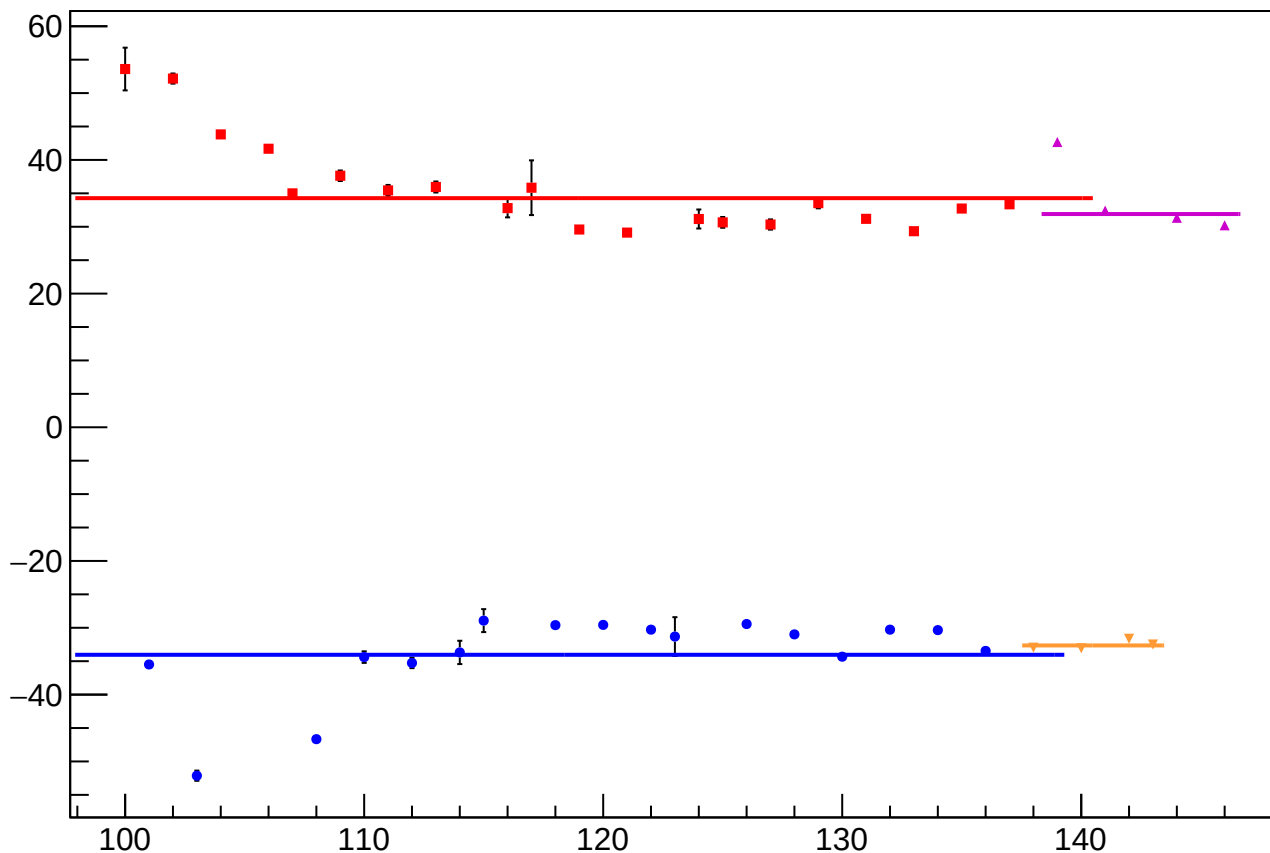
Left In: 12.442+/-0.180 χ^2/NDF : 230.9/3

-15.652+/-0.200 χ^2/NDF : 15.2/3

-0.102+/-0.134 χ^2/NDF : 11142.3/7

12.442+/-0.180 χ^2/NDF : 230.9/3

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: -32.643 ± 0.161 χ^2/NDF : 10.6/3

Right Out: 34.279 ± 0.151 χ^2/NDF : 1349.6/19

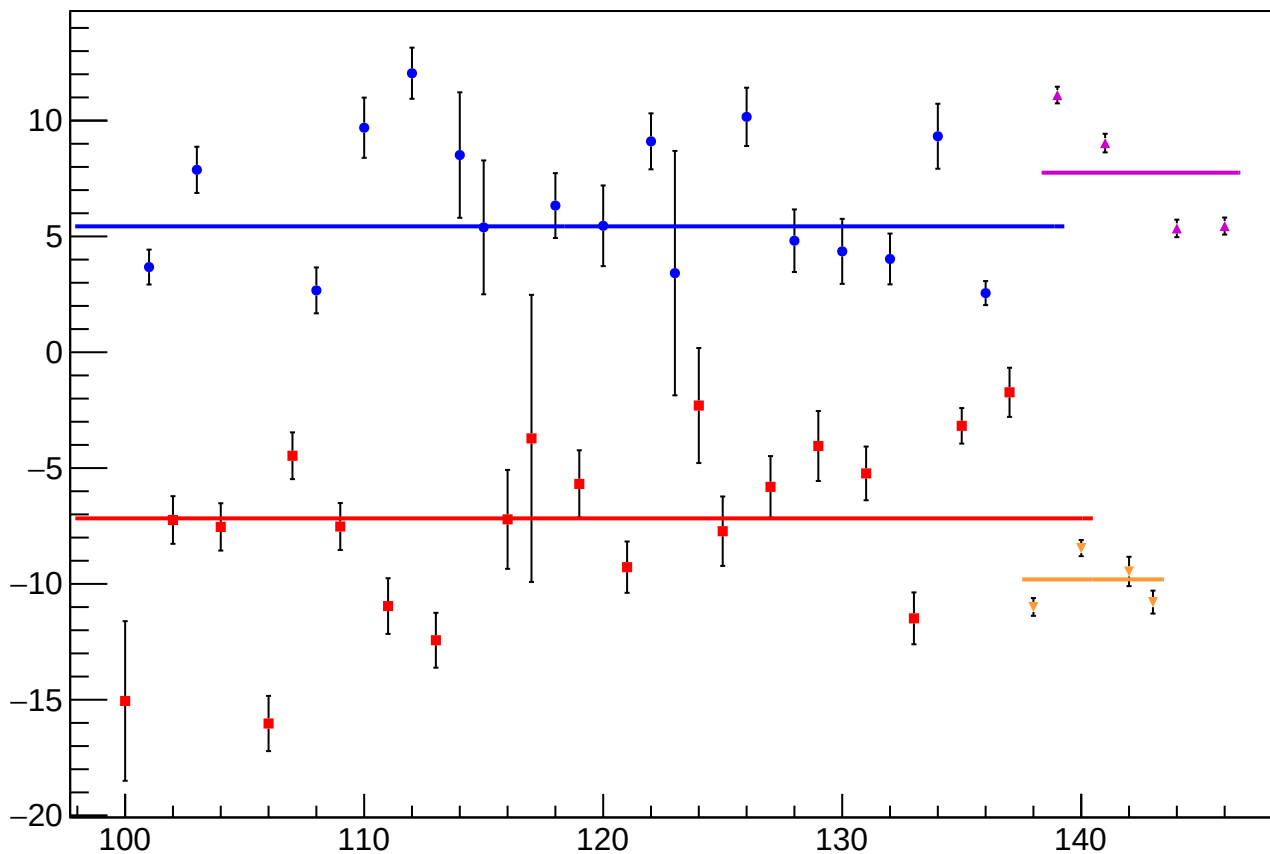
Left In: 31.904 ± 0.144 χ^2/NDF : 372.0/3

-33.391 ± 0.110 χ^2/NDF : 1391.5/20

1.740 ± 0.076 χ^2/NDF : 195507.9/44

33.034 ± 0.104 χ^2/NDF : 1851.8/23

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.435 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -9.805 ± 0.215 χ^2/NDF : 29.0/3

Right Out: -7.171 ± 0.274 χ^2/NDF : 182.9/19

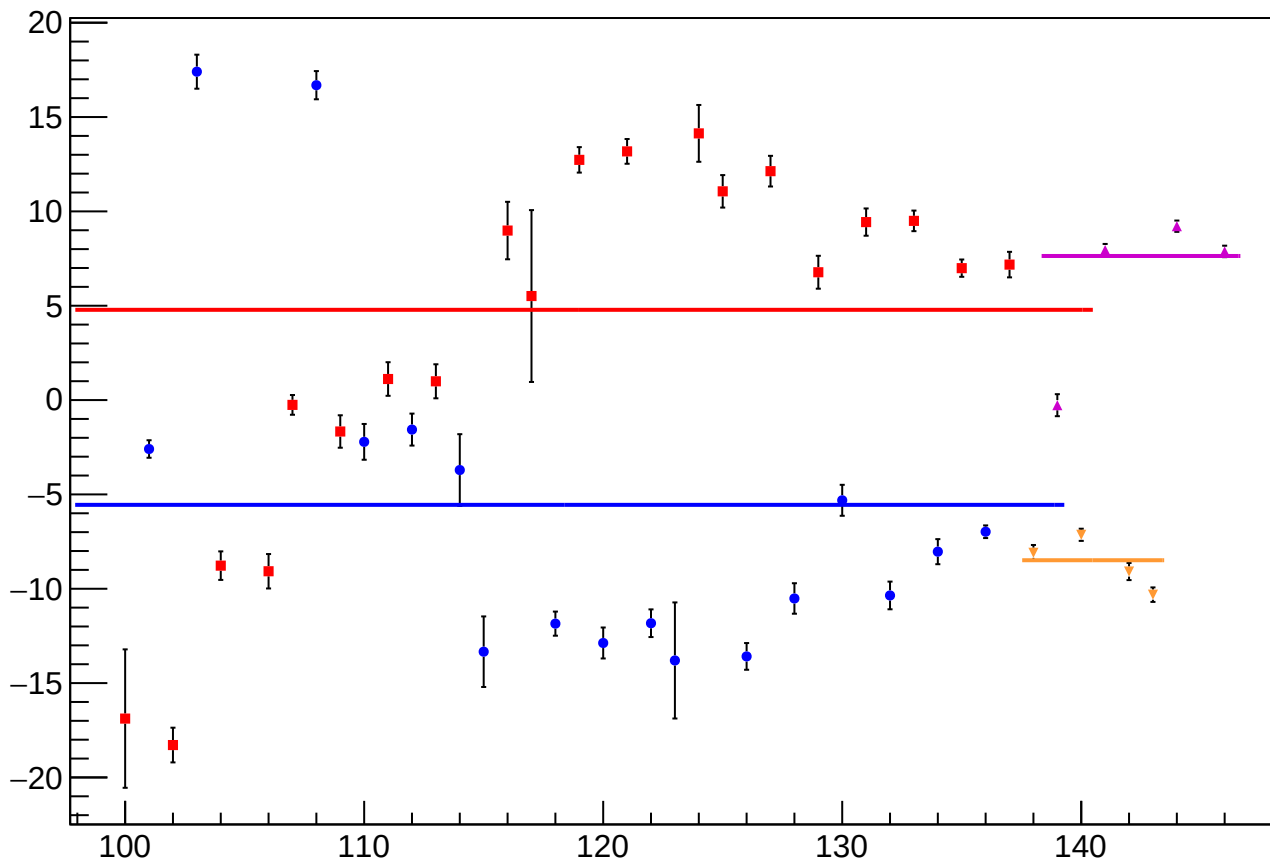
Left In: 7.752 ± 0.188 χ^2/NDF : 176.9/3

-3.889 ± 0.168 χ^2/NDF : 2116.5/20

-0.179 ± 0.114 χ^2/NDF : 5398.1/44

2.978 ± 0.155 χ^2/NDF : 2378.3/23

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 ± 0.170 $\chi^2/\text{NDF}: 2125.3/16$

Left Out: -8.489 ± 0.192 $\chi^2/\text{NDF}: 42.6/3$

Right Out: 4.783 ± 0.173 $\chi^2/\text{NDF}: 2040.4/19$

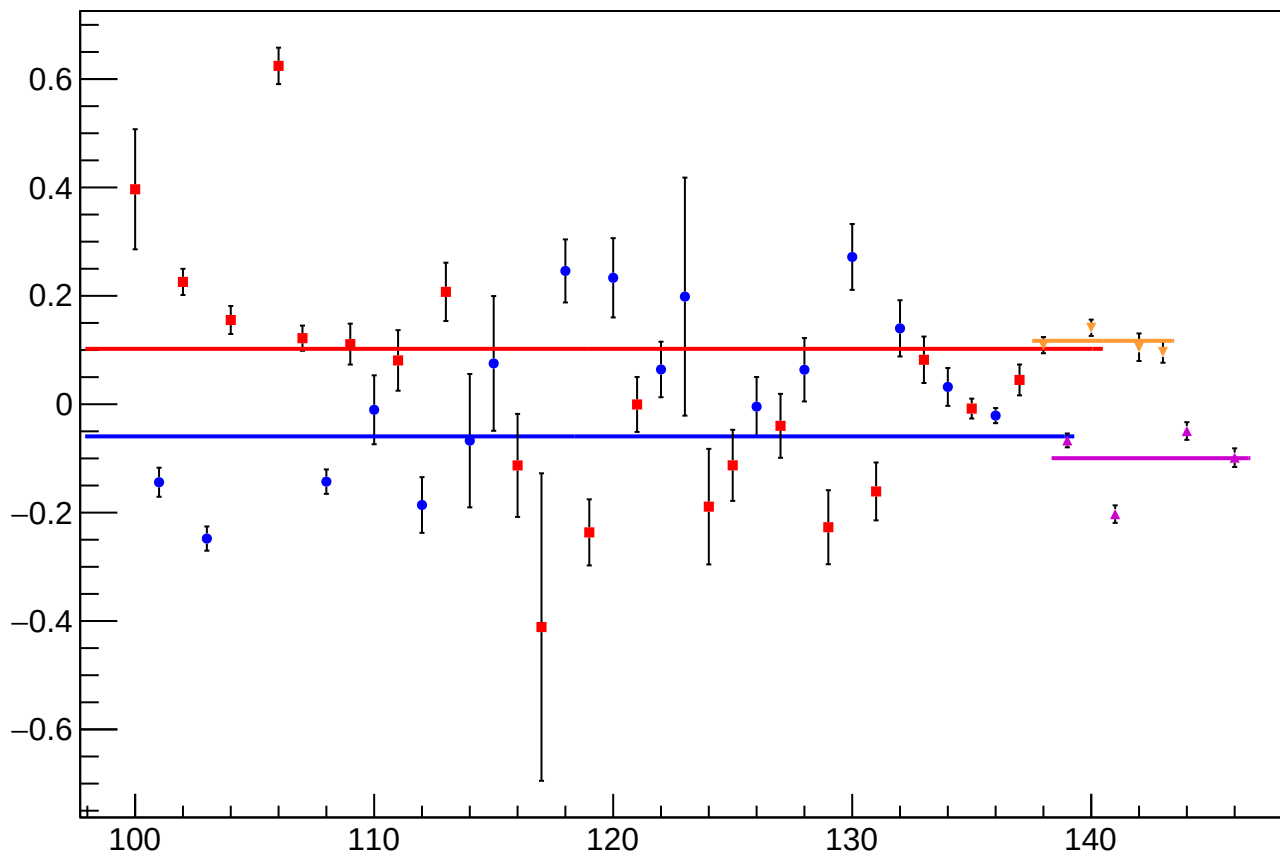
Left In: 7.636 ± 0.171 $\chi^2/\text{NDF}: 213.1/3$

-6.841 ± 0.127 $\chi^2/\text{NDF}: 2298.9/20$

0.005 ± 0.088 $\chi^2/\text{NDF}: 10214.9/44$

6.228 ± 0.121 $\chi^2/\text{NDF}: 2391.8/23$

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: 0.117 ± 0.009 χ^2/NDF : 4.1/3

Right Out: 0.102 ± 0.008 χ^2/NDF : 438.8/19

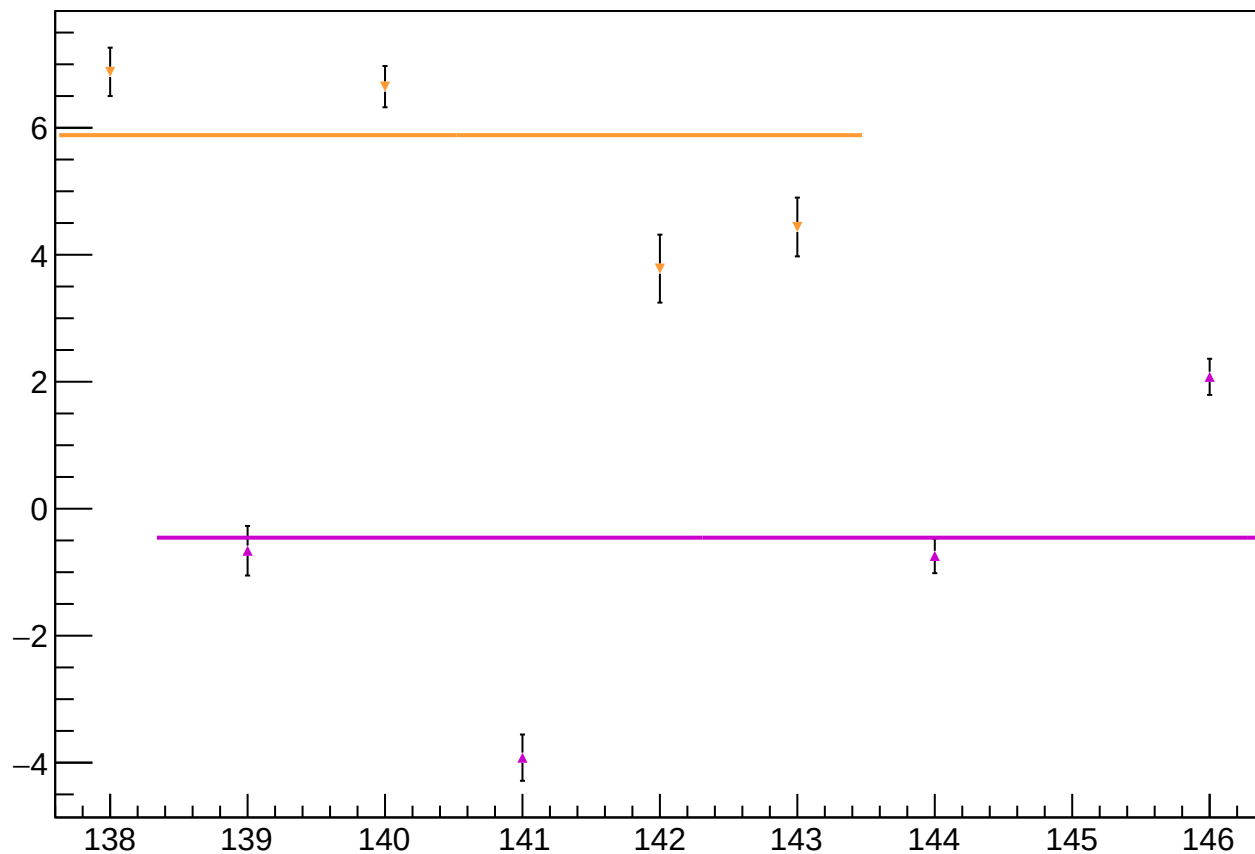
Left In: -0.100 ± 0.008 χ^2/NDF : 56.7/3

0.025 ± 0.006 χ^2/NDF : 432.6/20

0.007 ± 0.004 χ^2/NDF : 1259.0/44

-0.008 ± 0.006 χ^2/NDF : 810.4/23

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: 5.884 $\pm$ 0.202 χ^2 /NDF: 37.6/3

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

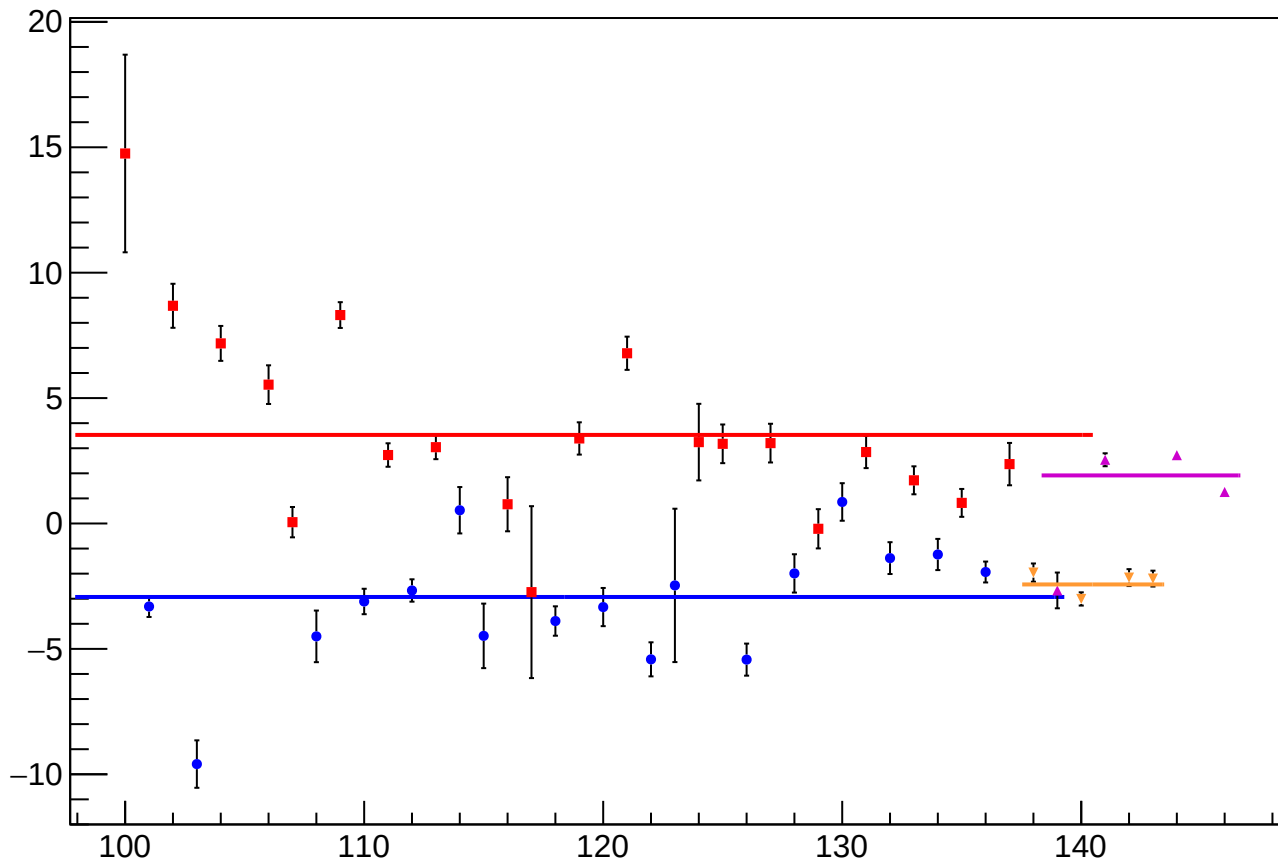
Left In: -0.456 $\pm$ 0.158 χ^2 /NDF: 171.0/3

5.884 $\pm$ 0.202 χ^2 /NDF: 37.6/3

1.954 $\pm$ 0.125 χ^2 /NDF: 818.9/7

-0.456 $\pm$ 0.158 χ^2 /NDF: 171.0/3

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: -2.431 ± 0.157 χ^2/NDF : 7.7/3

Right Out: 3.531 ± 0.154 χ^2/NDF : 295.0/19

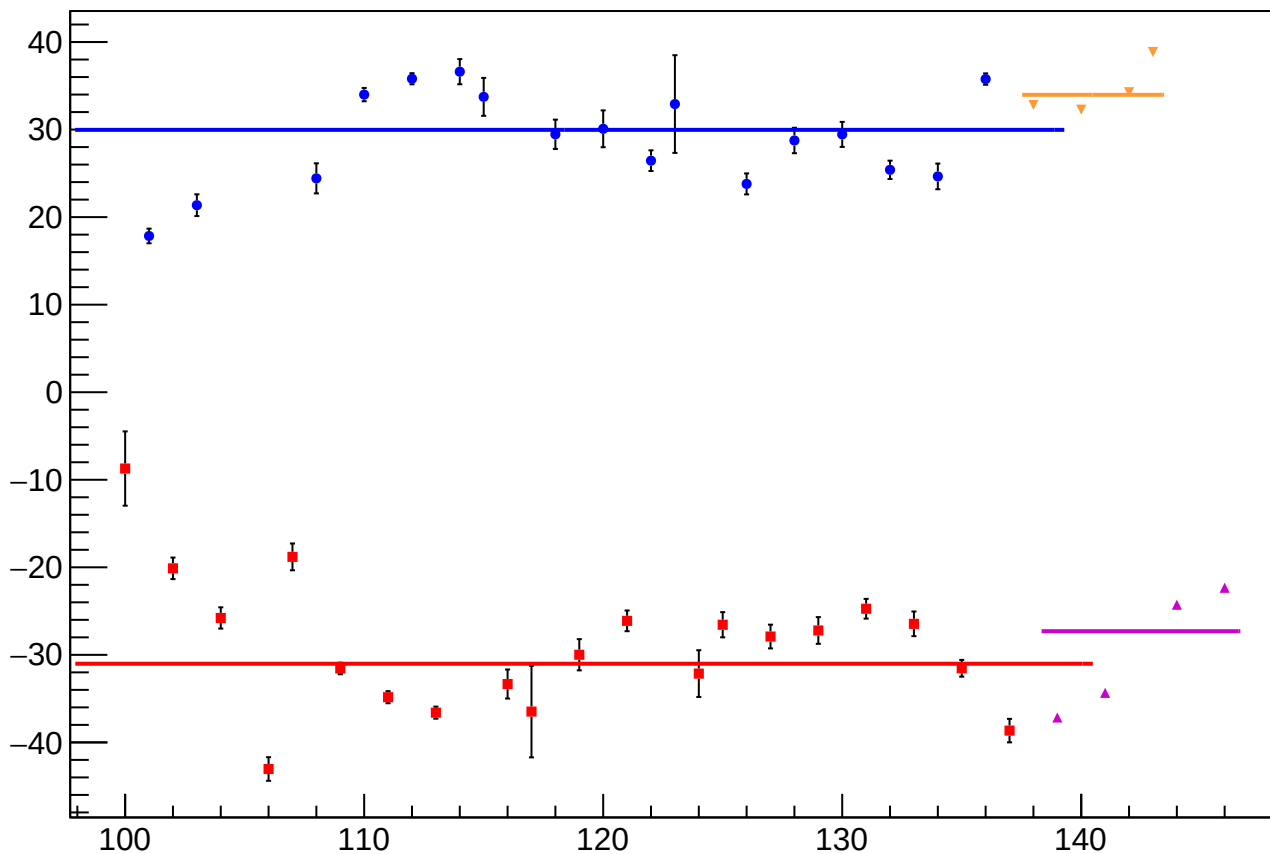
Left In: 1.916 ± 0.115 χ^2/NDF : 78.7/3

-2.685 ± 0.110 χ^2/NDF : 159.4/20

0.356 ± 0.071 χ^2/NDF : 1907.6/44

2.490 ± 0.092 χ^2/NDF : 444.2/23

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: 33.972 ± 0.216 $\chi^2/\text{NDF}: 130.2/3$

Right Out: -31.013 ± 0.260 $\chi^2/\text{NDF}: 480.6/19$

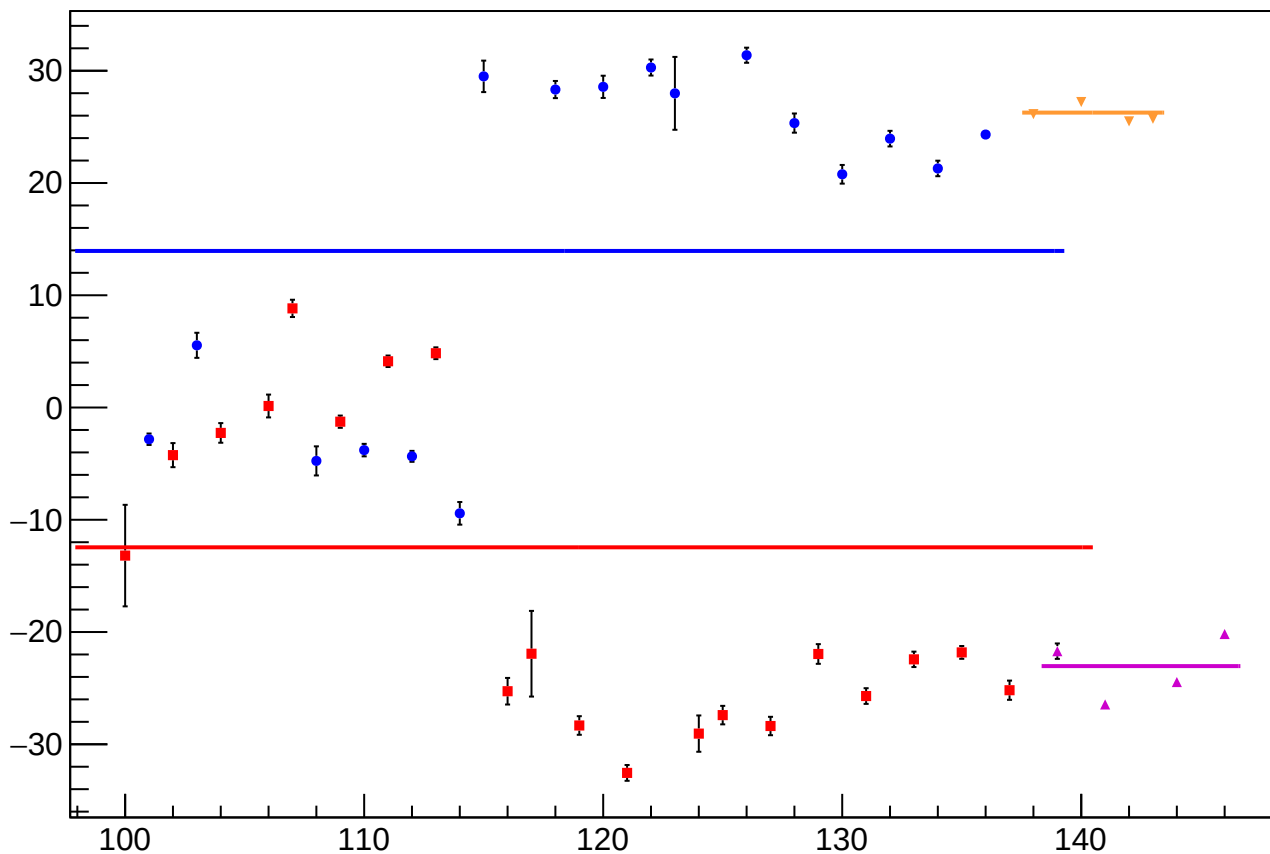
Left In: -27.298 ± 0.163 $\chi^2/\text{NDF}: 1312.7/3$

32.382 ± 0.168 $\chi^2/\text{NDF}: 820.4/20$

-3.822 ± 0.107 $\chi^2/\text{NDF}: 80625.4/44$

-28.353 ± 0.138 $\chi^2/\text{NDF}: 1939.9/23$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.948+/-0.172 χ^2/NDF : 7391.9/16

Left Out: 26.272+/-0.188 χ^2/NDF : 14.5/3

Right Out: -12.455+/-0.173 χ^2/NDF : 6969.0/19

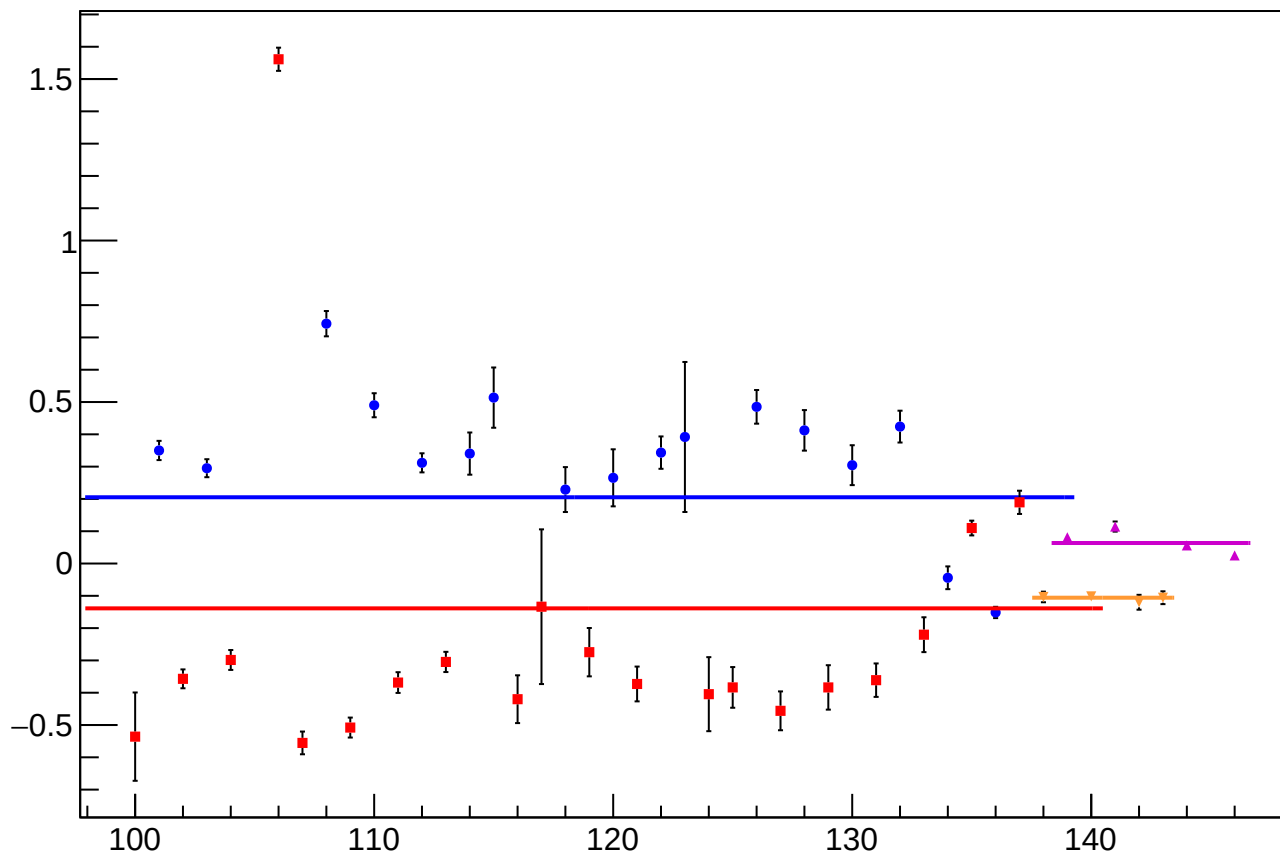
Left In: -23.036+/-0.139 χ^2/NDF : 330.4/3

19.559+/-0.127 χ^2/NDF : 9745.0/20

-2.681+/-0.082 χ^2/NDF : 72427.4/44

-18.906+/-0.108 χ^2/NDF : 9567.3/23

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.2/16

Left Out: -0.106 ± 0.009 χ^2/NDF : 0.5/3

Right Out: -0.139 ± 0.009 χ^2/NDF : 3016.8/19

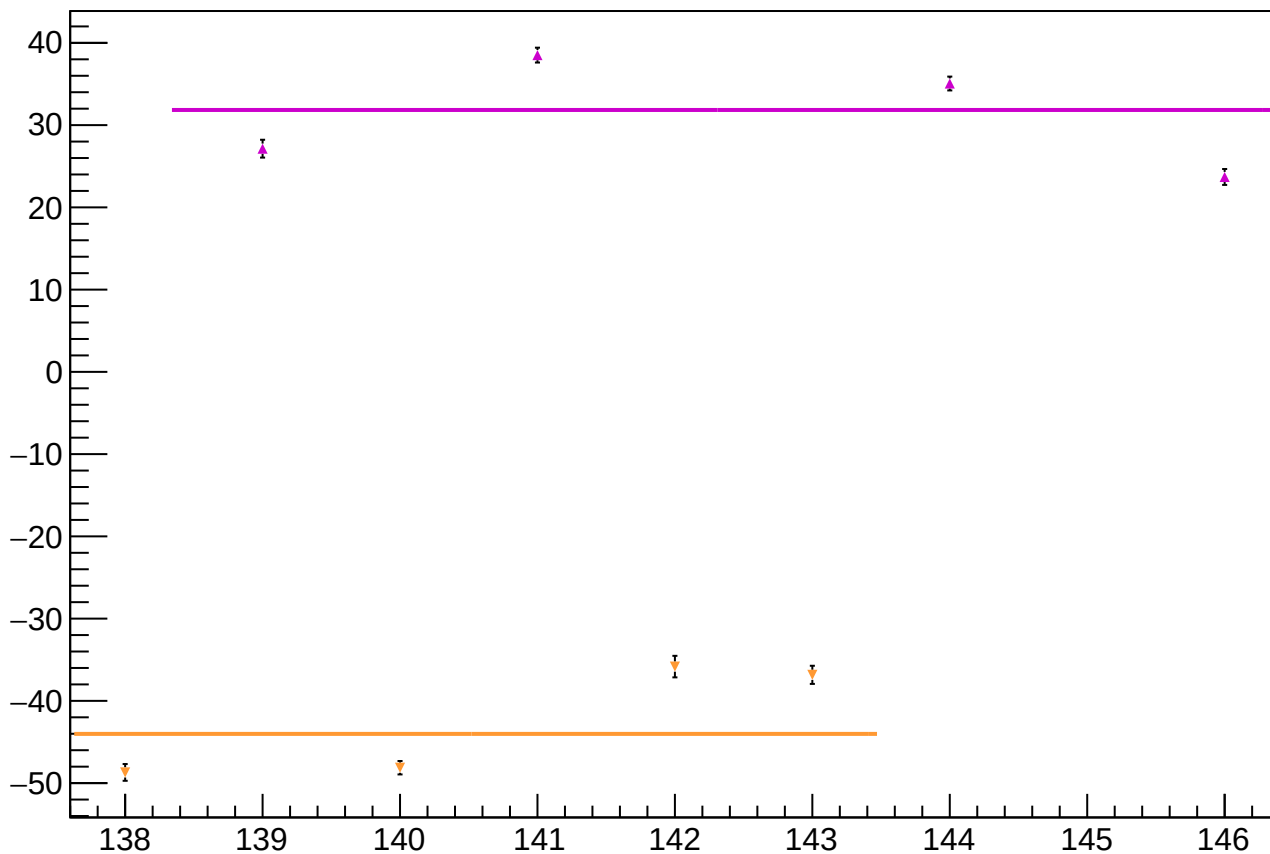
Left In: 0.064 ± 0.007 χ^2/NDF : 21.5/3

0.042 ± 0.006 χ^2/NDF : 1424.2/20

0.012 ± 0.004 χ^2/NDF : 4810.0/44

-0.009 ± 0.006 χ^2/NDF : 3348.8/23

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: -44.016+/-0.508 χ^2/NDF : 127.9/3

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

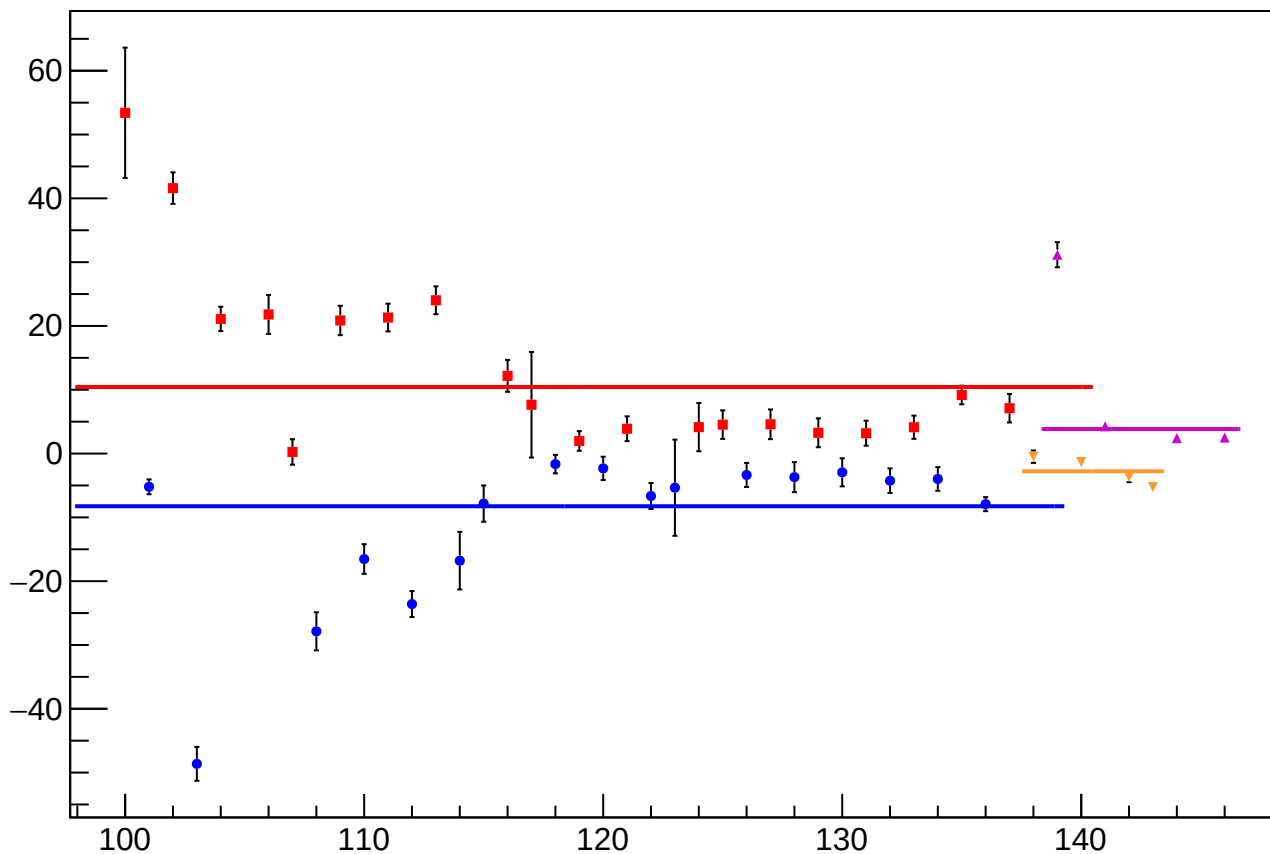
Left In: 31.843+/-0.469 χ^2/NDF : 158.7/3

-44.016+/-0.508 χ^2/NDF : 127.9/3

-2.999+/-0.345 χ^2/NDF : 12321.9/7

31.843+/-0.469 χ^2/NDF : 158.7/3

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: -2.770 ± 0.390 χ^2/NDF : 22.2/3

Right Out: 10.437 ± 0.490 χ^2/NDF : 428.5/19

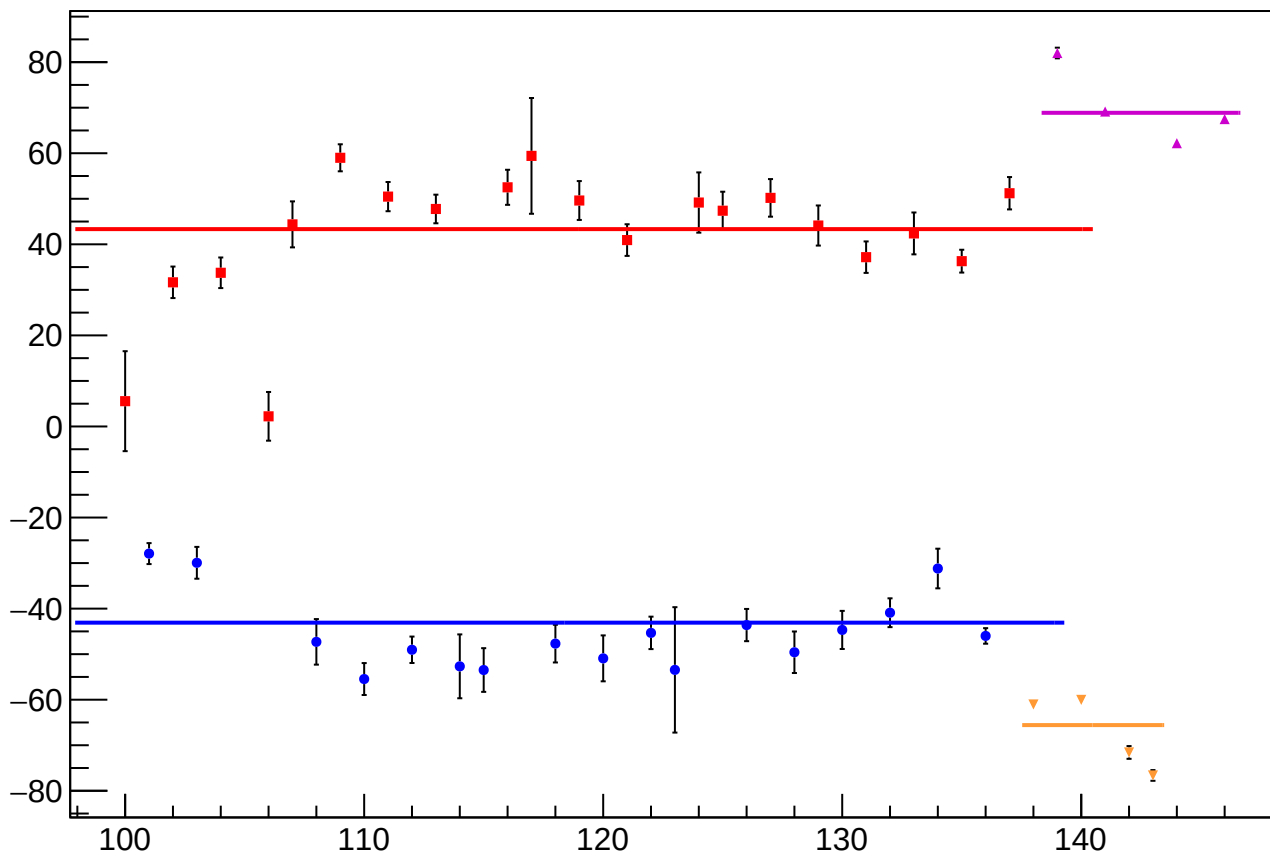
Left In: 3.843 ± 0.341 χ^2/NDF : 203.9/3

-5.055 ± 0.298 χ^2/NDF : 516.6/20

0.815 ± 0.204 χ^2/NDF : 2000.2/44

5.994 ± 0.280 χ^2/NDF : 754.2/23

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: -65.576±/0.544 χ^2/NDF :164.0/3

Right Out: 43.337±/0.864 χ^2/NDF : 155.8/19

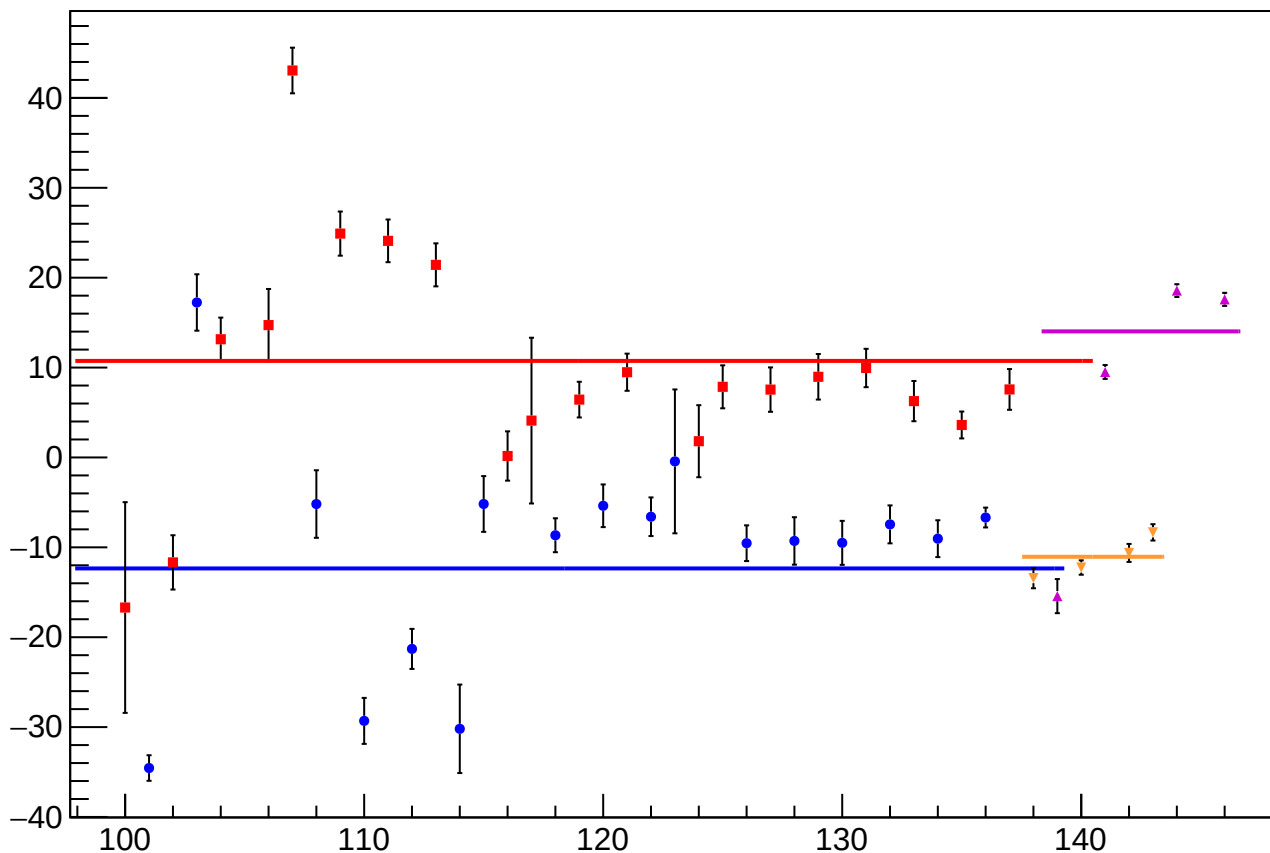
Left In: 68.877±/0.488 χ^2/NDF :182.4/3

-58.859±/0.456 χ^2/NDF : 773.1/20

6.236±/0.311 χ^2/NDF : 39847.9/44

62.714±/0.425 χ^2/NDF : 1000.5/23

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: -11.052+/-0.469 χ^2/NDF : 15.7/3

Right Out: 10.741+/-0.553 χ^2/NDF : 367.2/19

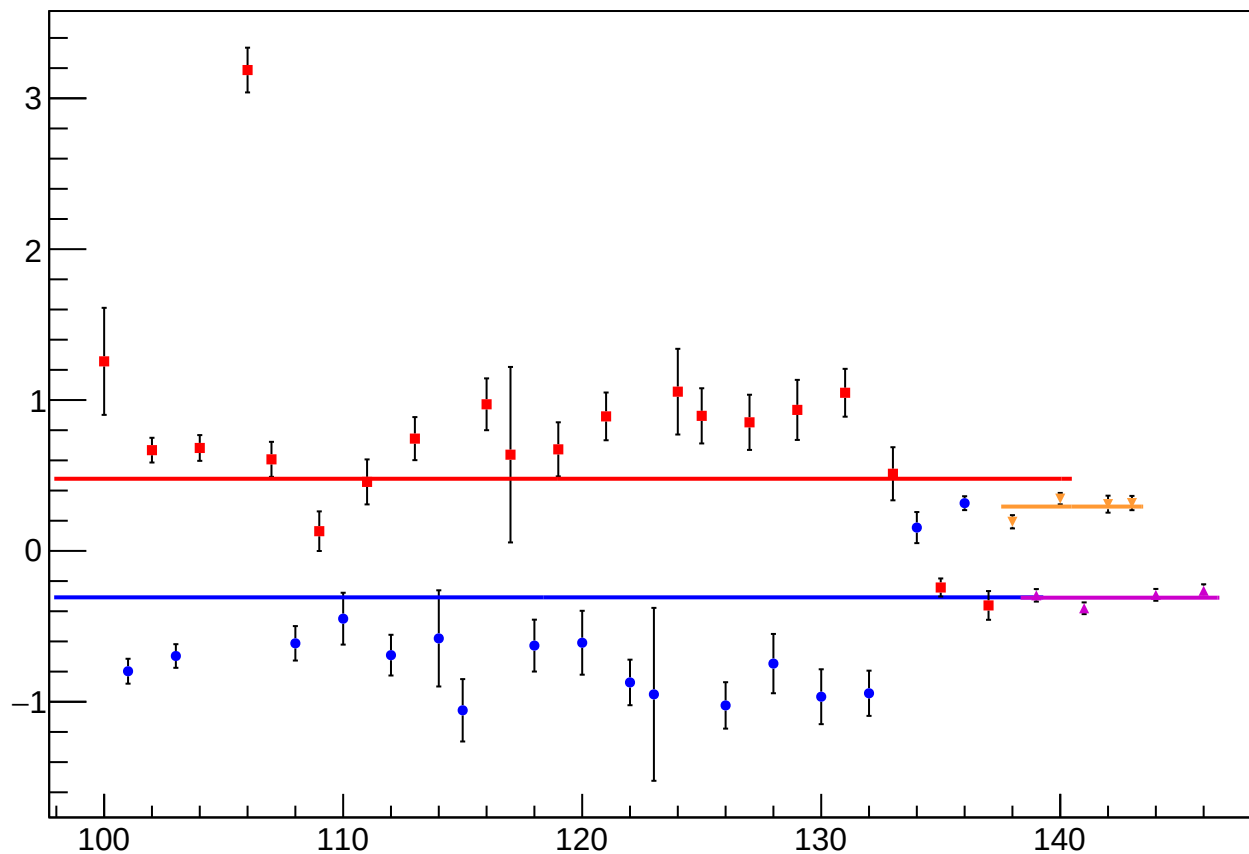
Left In: 14.026+/-0.414 χ^2/NDF : 339.7/3

-11.634+/-0.348 χ^2/NDF : 495.1/20

1.203+/-0.240 χ^2/NDF : 3817.2/44

12.844+/-0.332 χ^2/NDF : 729.5/23

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: 0.294 ± 0.023 χ^2/NDF : 7.5/3

Right Out: 0.478 ± 0.028 χ^2/NDF : 631.3/19

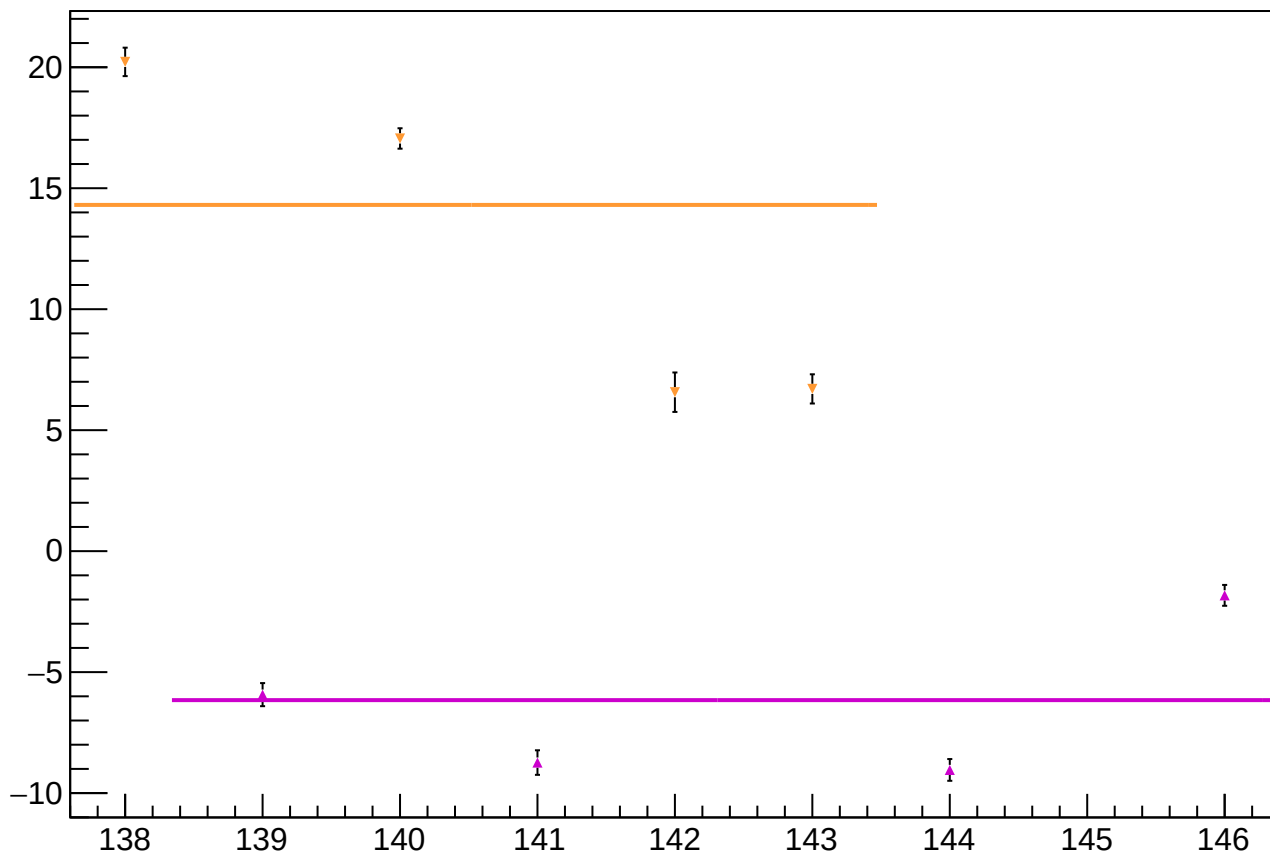
Left In: -0.310 ± 0.020 χ^2/NDF : 4.8/3

0.053 ± 0.017 χ^2/NDF : 666.4/20

0.001 ± 0.012 χ^2/NDF : 1827.2/44

-0.045 ± 0.017 χ^2/NDF : 1144.2/23

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 14.310+/-0.280 χ^2/NDF : 392.4/3

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

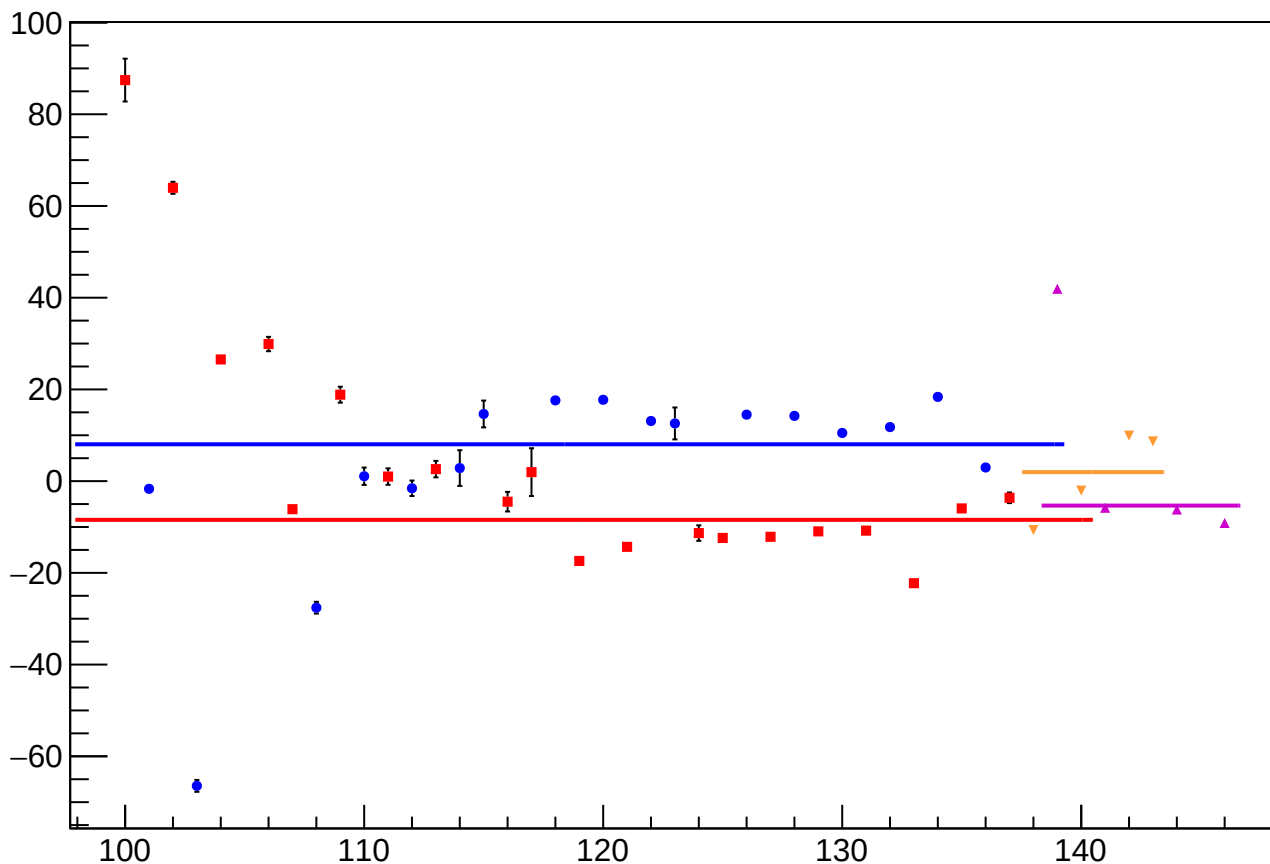
Left In: -6.157+/-0.232 χ^2/NDF : 168.1/3

14.310+/-0.280 χ^2/NDF : 392.4/3

2.170+/-0.179 χ^2/NDF : 3730.8/7

-6.157+/-0.232 χ^2/NDF : 168.1/3

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036 ± 0.215 χ^2/NDF : 5369.4/16

Left Out: 1.970 ± 0.221 χ^2/NDF : 1077.2/3

Right Out: -8.437 ± 0.213 χ^2/NDF : 6708.4/19

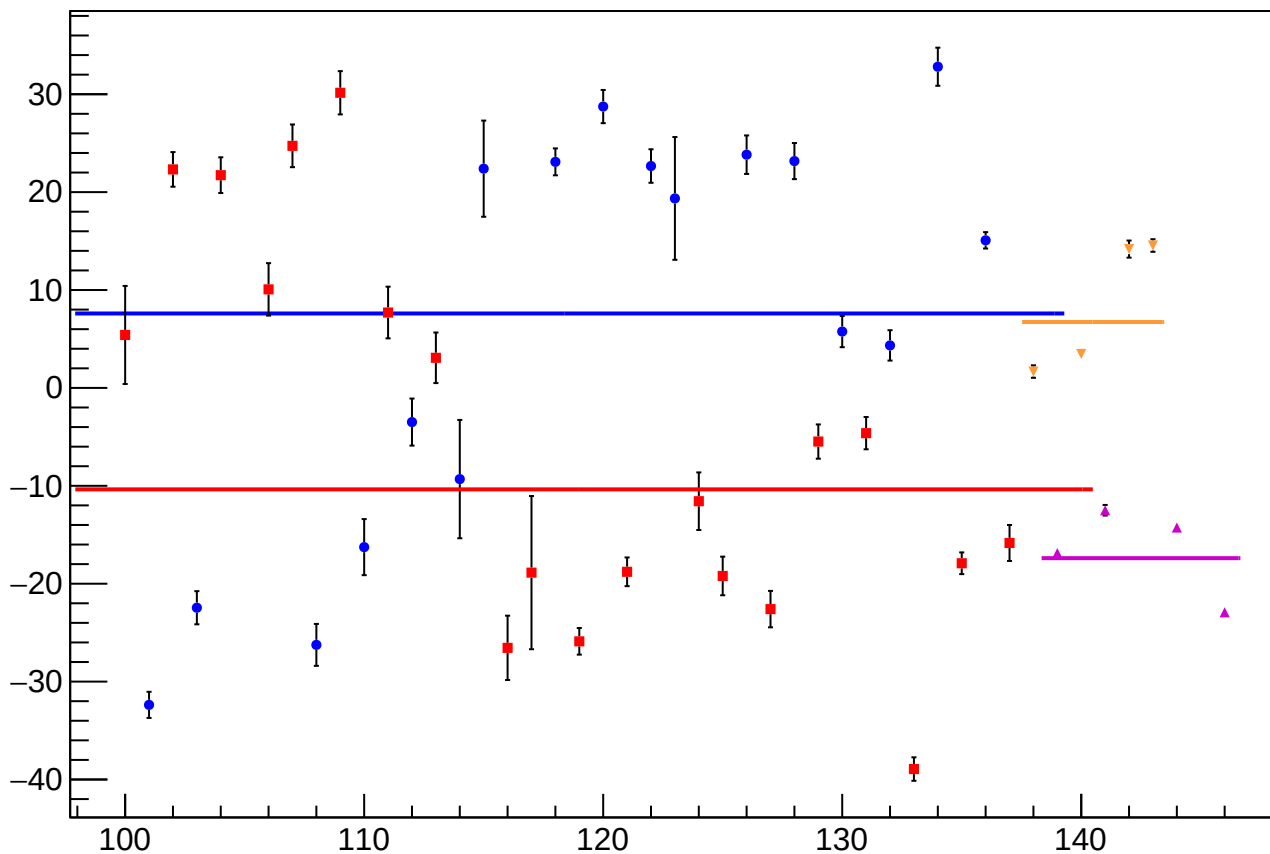
Left In: -5.335 ± 0.178 χ^2/NDF : 3085.0/3

5.081 ± 0.154 χ^2/NDF : 6833.9/20

-1.462 ± 0.102 χ^2/NDF : 19974.2/44

-6.609 ± 0.137 χ^2/NDF : 9918.1/23

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: 6.734 ± 0.300 χ^2/NDF : 335.8/3

Right Out: -10.362 ± 0.416 χ^2/NDF : 2283.0/19

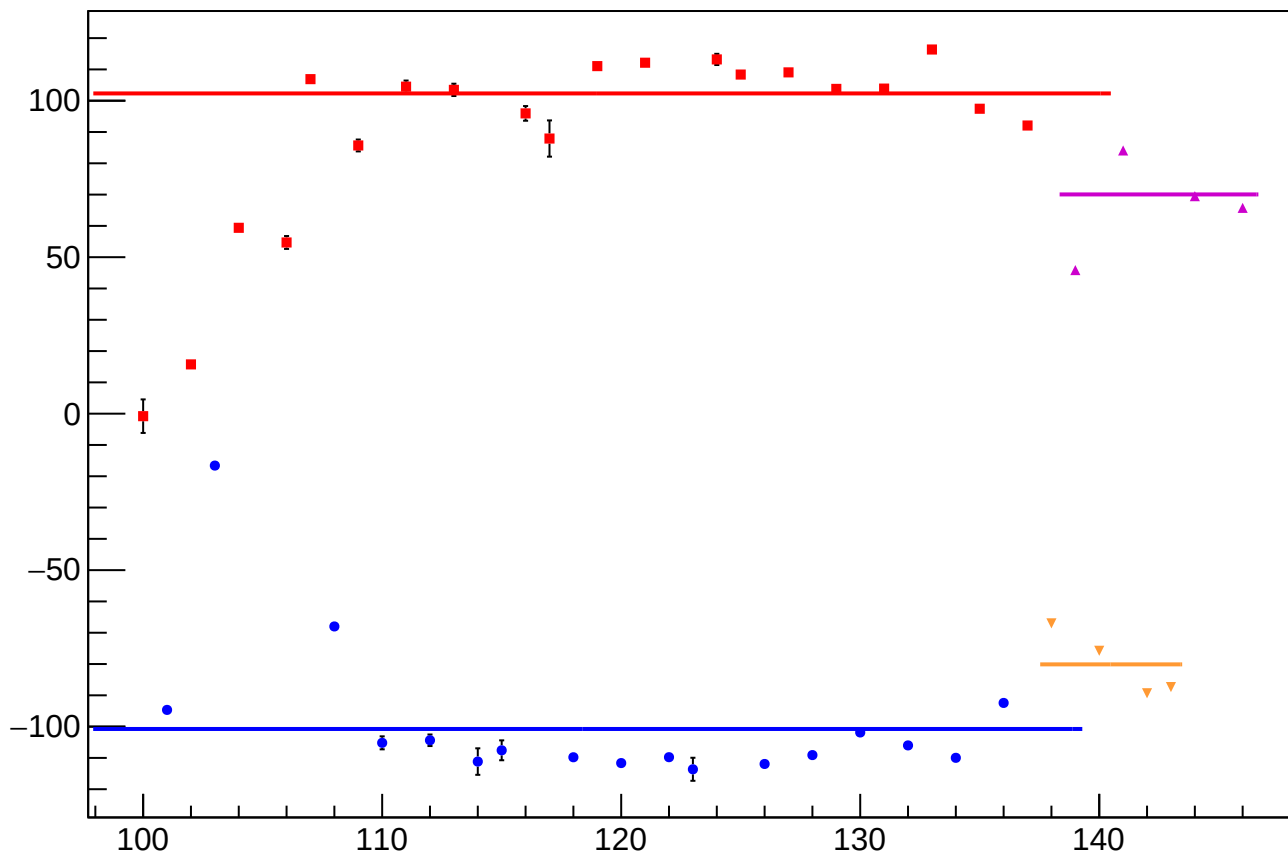
Left In: -17.390 ± 0.240 χ^2/NDF : 303.6/3

7.031 ± 0.243 χ^2/NDF : 2663.7/20

-6.055 ± 0.158 χ^2/NDF : 10481.4/44

-15.632 ± 0.208 χ^2/NDF : 2800.8/23

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: -80.110+/-0.264 χ^2/NDF : 906.4/3

Right Out: 102.328+/-0.246 χ^2/NDF : 6085.1/19

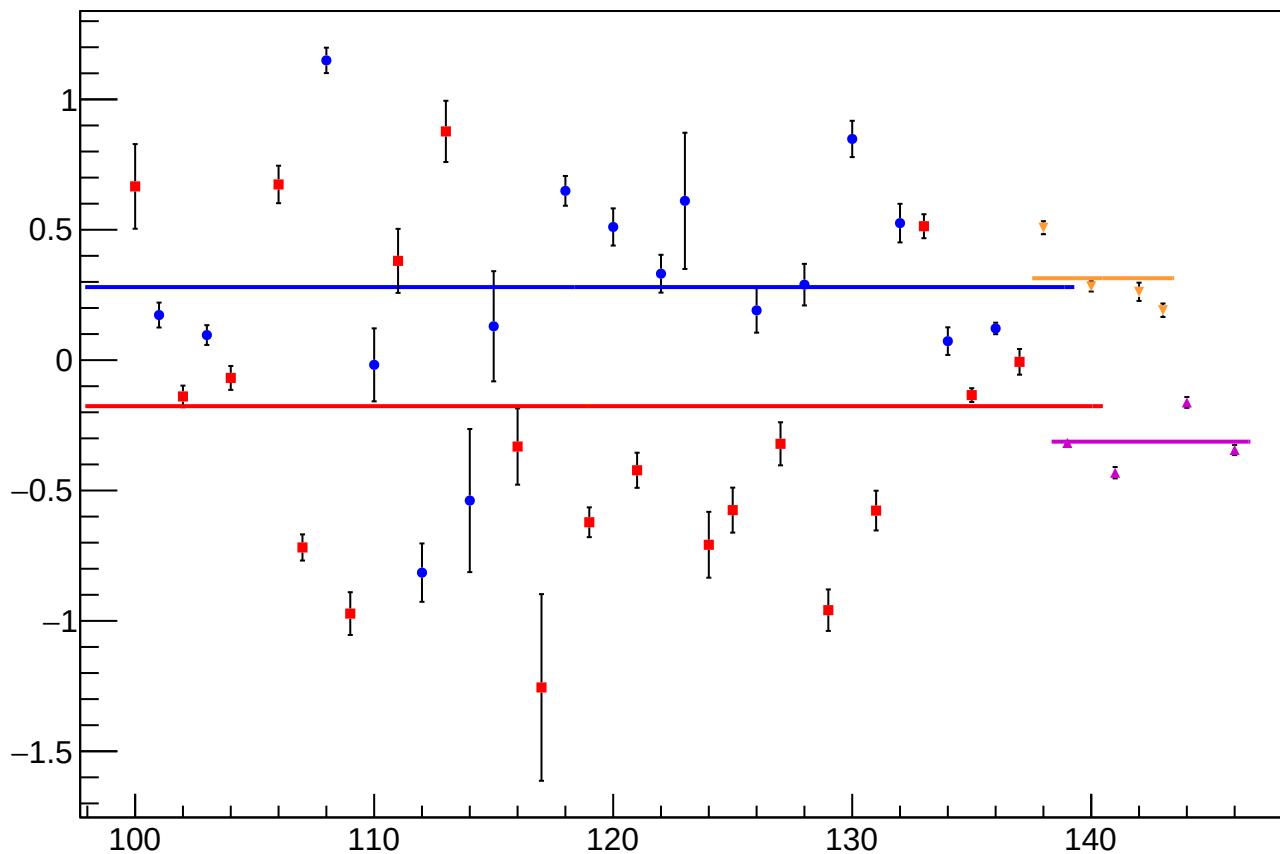
Left In: 70.055+/-0.213 χ^2/NDF : 2009.0/3

-91.071+/-0.181 χ^2/NDF : 8678.3/20

6.436+/-0.120 χ^2/NDF : 548944.2/44

83.891+/-0.161 χ^2/NDF : 17926.3/23

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: 0.314 ± 0.012 χ^2/NDF : 87.4/3

Right Out: -0.177 ± 0.013 χ^2/NDF : 975.8/19

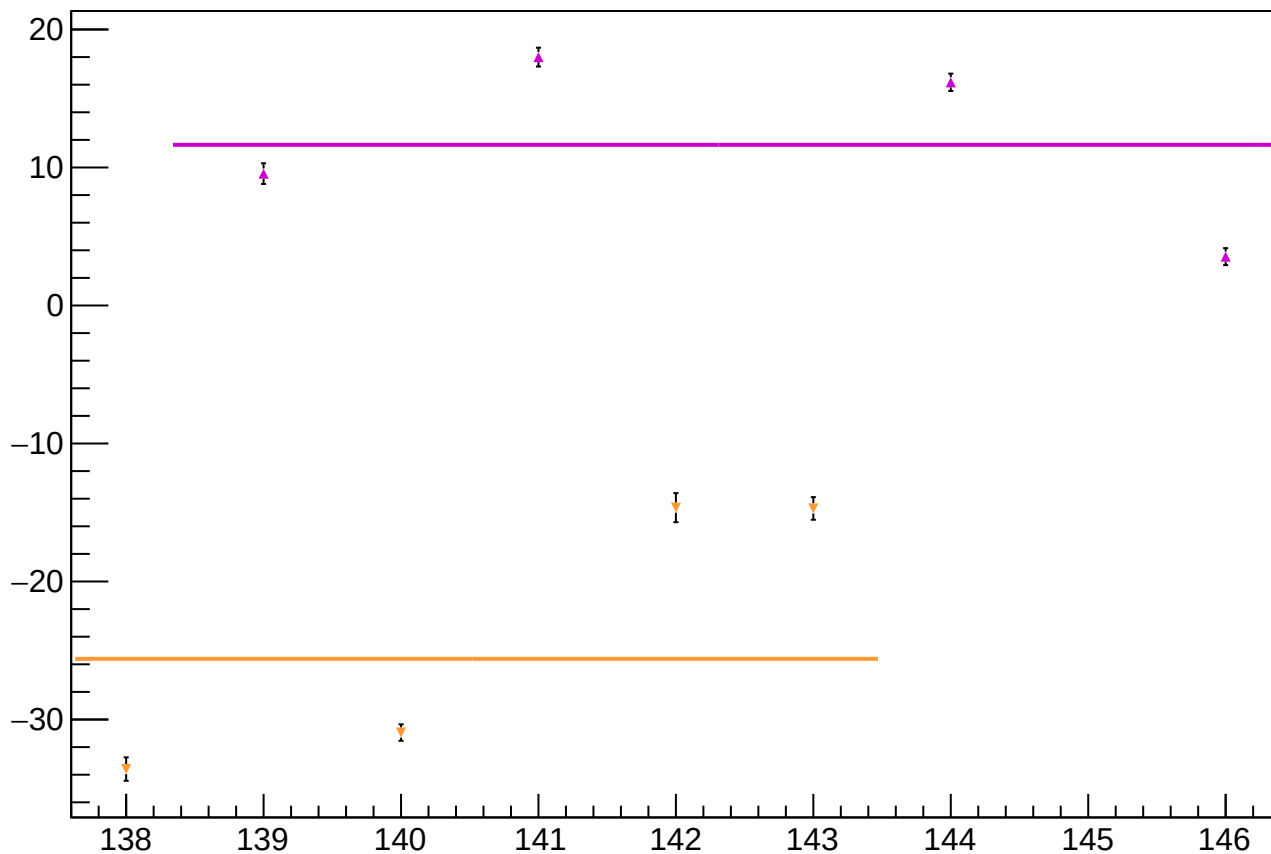
Left In: -0.313 ± 0.010 χ^2/NDF : 85.5/3

0.299 ± 0.009 χ^2/NDF : 746.8/20

-0.018 ± 0.006 χ^2/NDF : 4025.2/44

-0.264 ± 0.008 χ^2/NDF : 1127.4/23

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -25.602+/-0.389 χ^2/NDF : 453.9/3

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

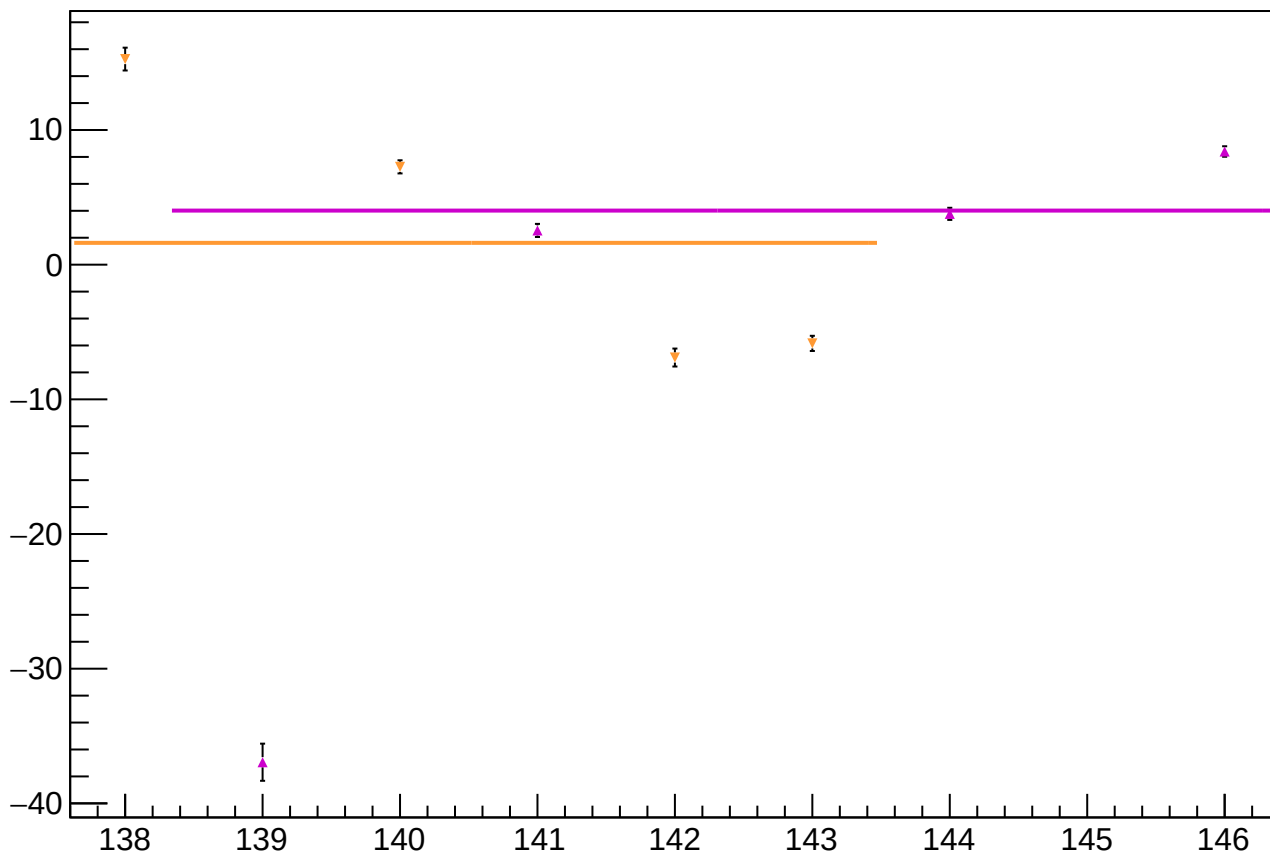
Left In: 11.642+/-0.332 χ^2/NDF : 319.6/3

-25.602+/-0.389 χ^2/NDF : 453.9/3

-4.025+/-0.253 χ^2/NDF : 6071.7/7

11.642+/-0.332 χ^2/NDF : 319.6/3

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 1.620+/-0.302 χ^2/NDF : 731.4/3

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

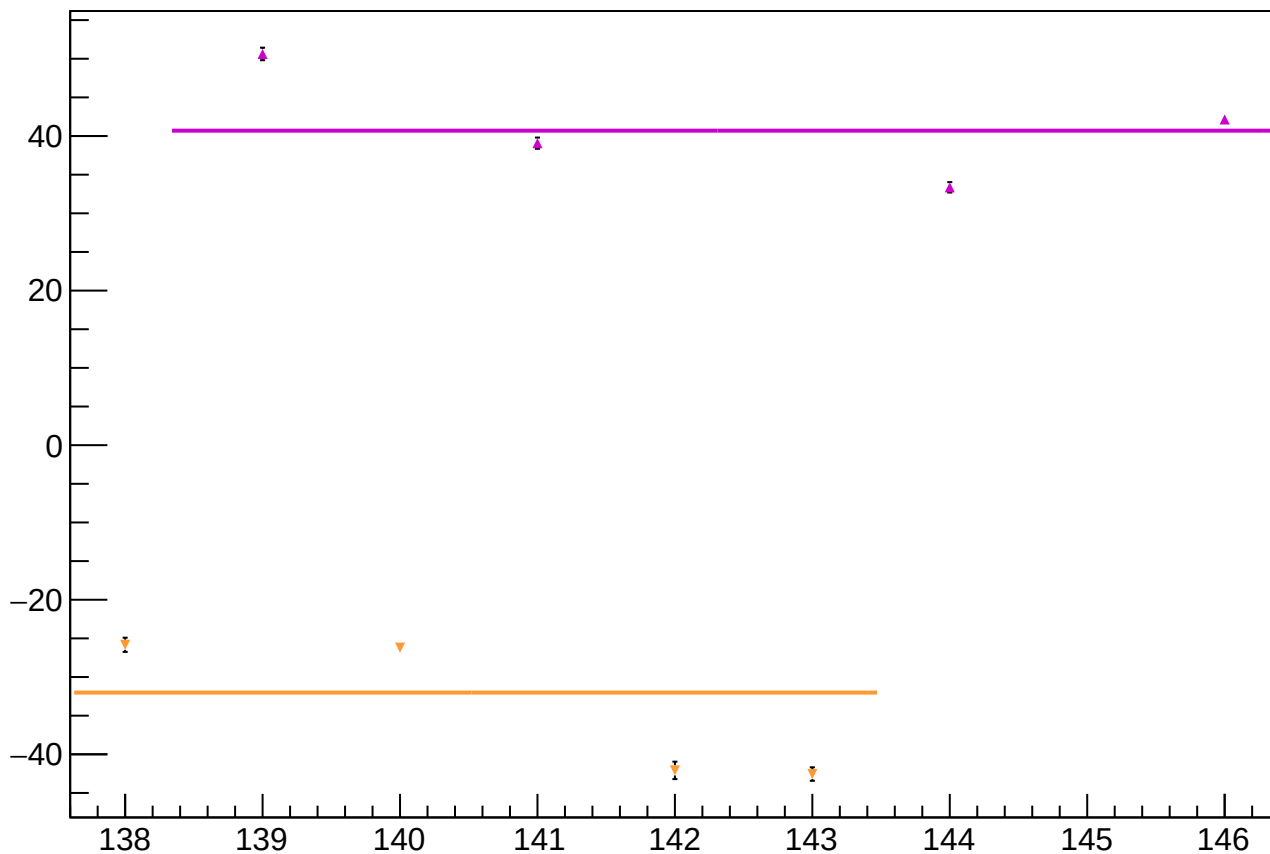
Left In: 4.016+/-0.248 χ^2/NDF : 1018.7/3

1.620+/-0.302 χ^2/NDF : 731.4/3

3.051+/-0.192 χ^2/NDF : 1787.8/7

4.016+/-0.248 χ^2/NDF : 1018.7/3

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -32.012+/-0.417 χ^2/NDF : 354.0/3

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

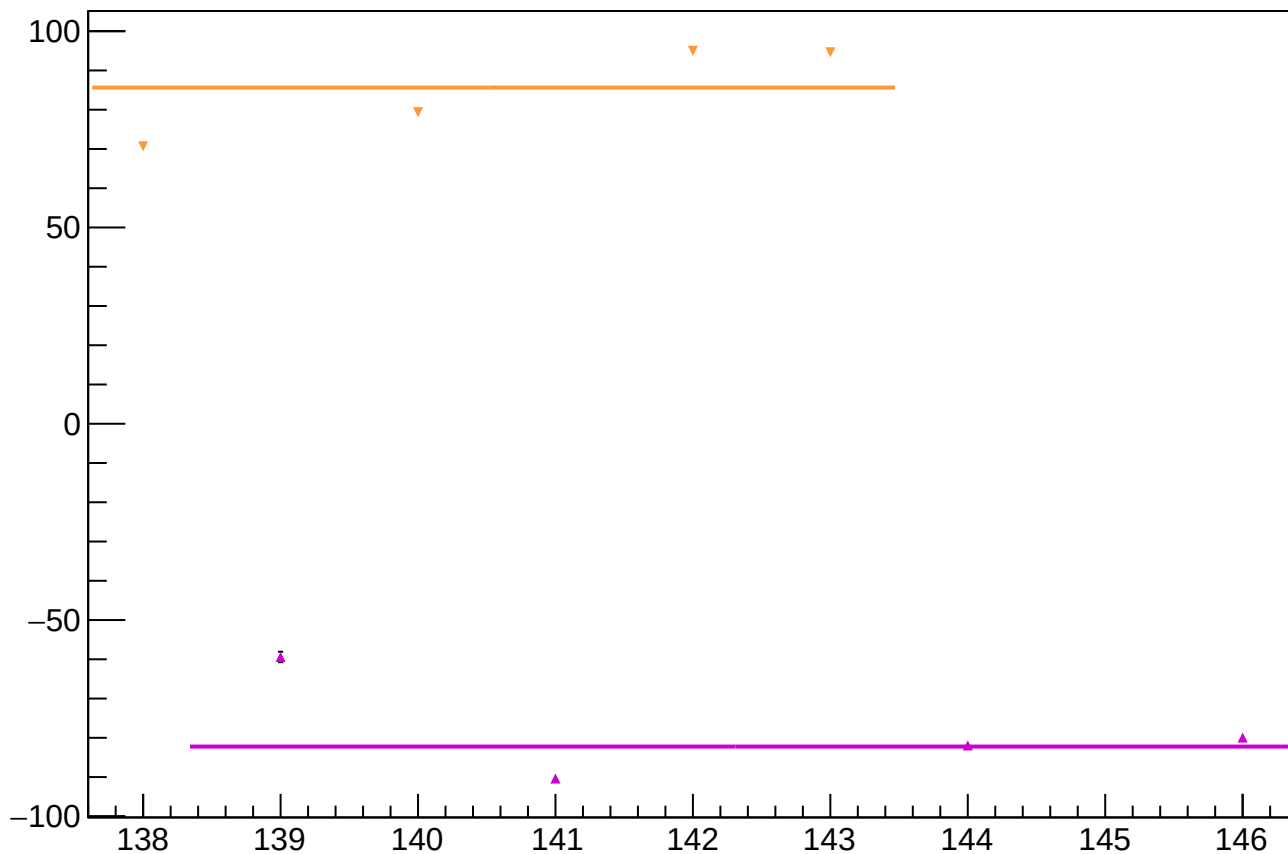
Left In: 40.694+/-0.343 χ^2/NDF : 278.7/3

-32.012+/-0.417 χ^2/NDF : 354.0/3

11.290+/-0.265 χ^2/NDF : 18751.8/7

40.694+/-0.343 χ^2/NDF : 278.7/3

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: 85.642+/-0.361 χ^2/NDF : 660.9/3

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

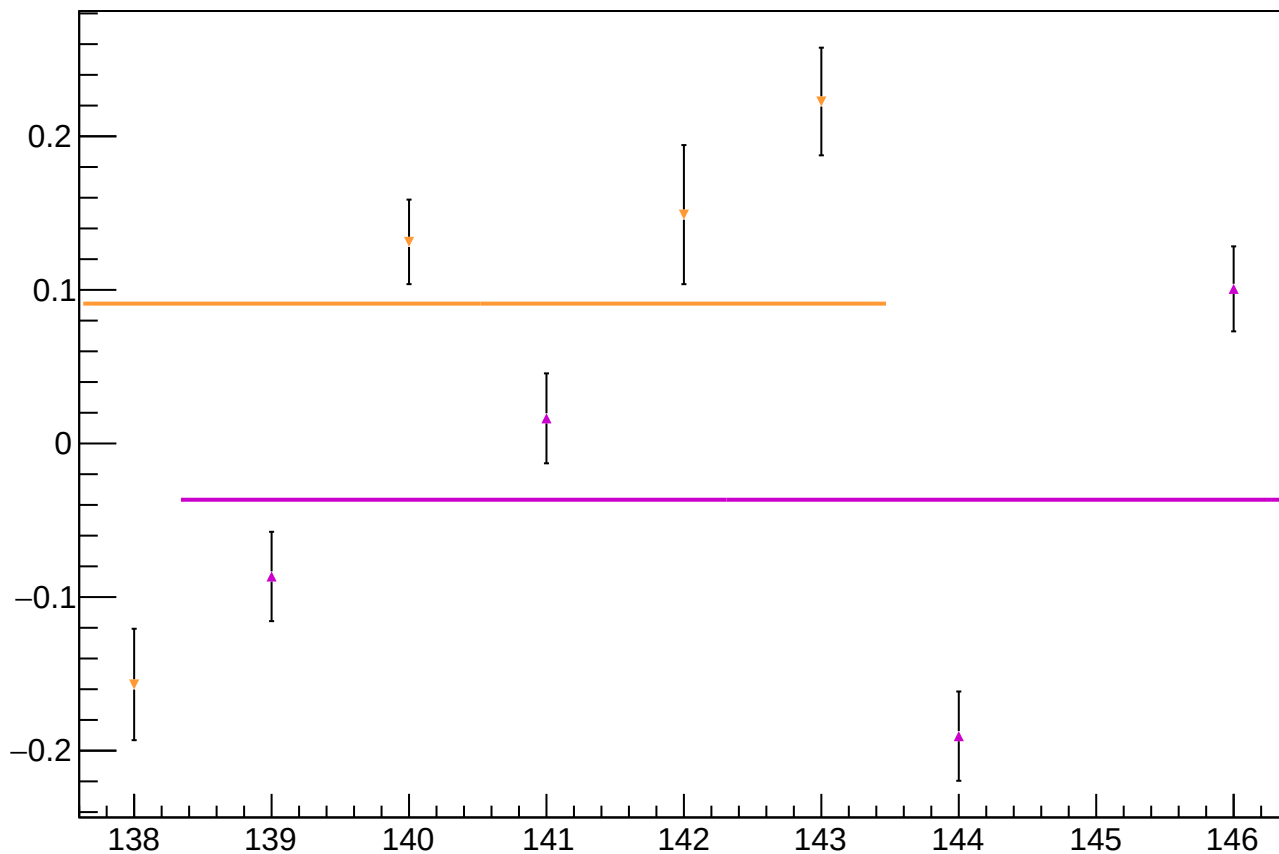
Left In: -82.229+/-0.298 χ^2/NDF : 510.5/3

85.642+/-0.361 χ^2/NDF : 660.9/3

-14.293+/-0.230 χ^2/NDF : 129553.5/7

-82.229+/-0.298 χ^2/NDF : 510.5/3

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: 0.091 $\pm$ 0.017 χ^2 /NDF: 64.6/3

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

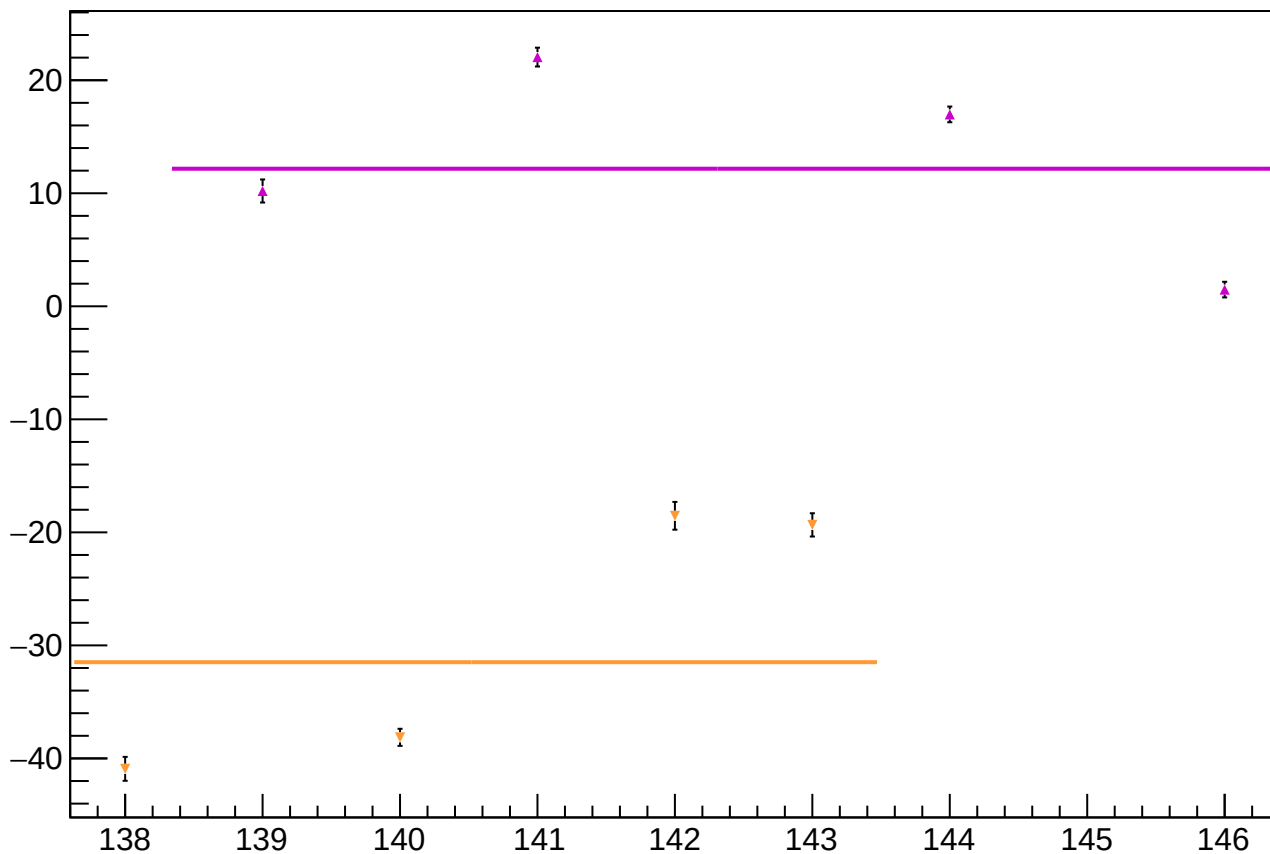
Left In: -0.037 $\pm$ 0.014 χ^2 /NDF: 58.9/3

0.091 $\pm$ 0.017 χ^2 /NDF: 64.6/3

0.016 $\pm$ 0.011 χ^2 /NDF: 156.0/7

-0.037 $\pm$ 0.014 χ^2 /NDF: 58.9/3

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: -31.486+/-0.485 χ^2/NDF : 406.8/3

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

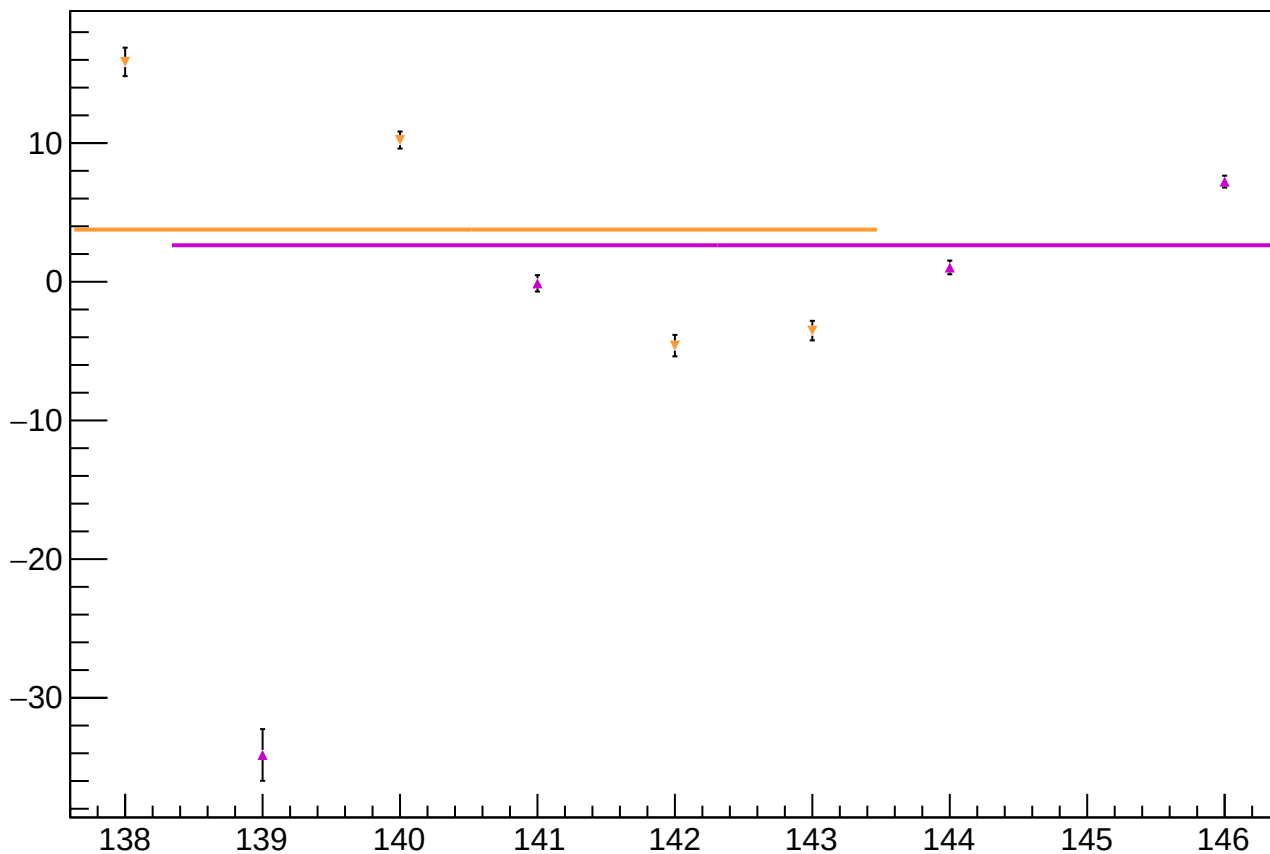
Left In: 12.171+/-0.390 χ^2/NDF : 430.9/3

-31.486+/-0.485 χ^2/NDF : 406.8/3

-4.967+/-0.304 χ^2/NDF : 5750.0/7

12.171+/-0.390 χ^2/NDF : 430.9/3

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 3.762+/-0.371 χ^2/NDF : 472.2/3

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

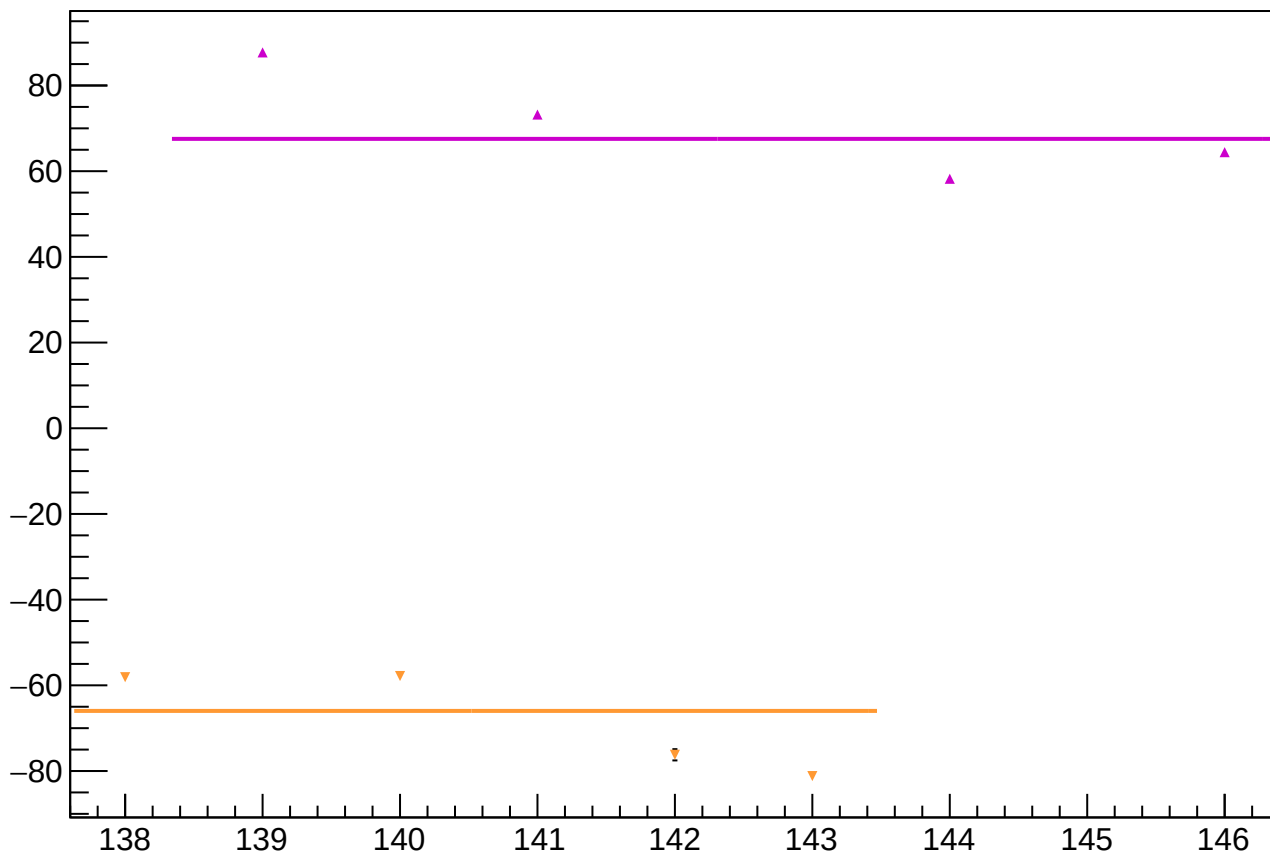
Left In: 2.632+/-0.281 χ^2/NDF : 534.9/3

3.762+/-0.371 χ^2/NDF : 472.2/3

3.044+/-0.224 χ^2/NDF : 1013.0/7

2.632+/-0.281 χ^2/NDF : 534.9/3

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: -65.972+/-0.520 χ^2/NDF : 401.3/3

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

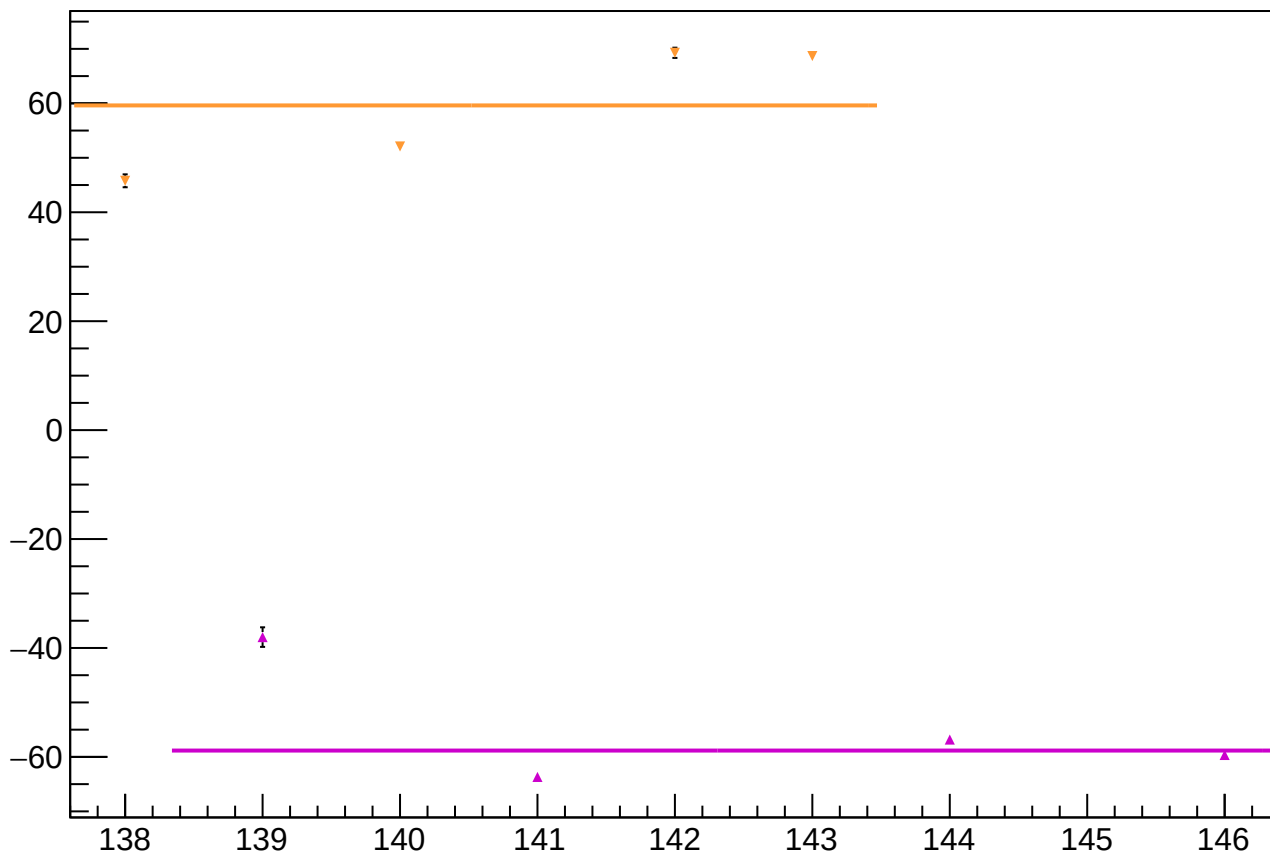
Left In: 67.541+/-0.403 χ^2/NDF : 555.0/3

-65.972+/-0.520 χ^2/NDF : 401.3/3

17.437+/-0.318 χ^2/NDF : 42219.1/7

67.541+/-0.403 χ^2/NDF : 555.0/3

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: 59.616+/-0.445 χ^2/NDF : 458.8/3

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

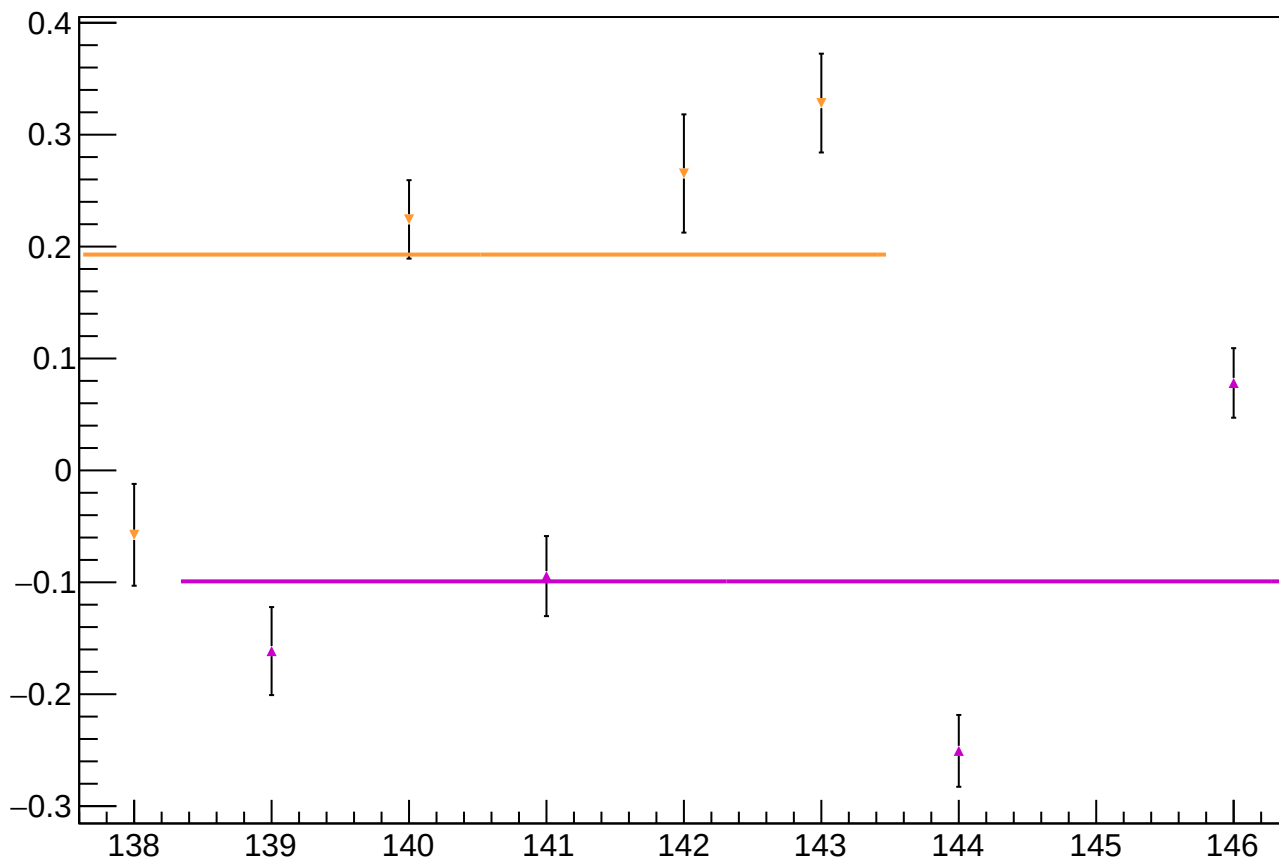
Left In: -58.835+/-0.341 χ^2/NDF : 194.6/3

59.616+/-0.445 χ^2/NDF : 458.8/3

-15.129+/-0.271 χ^2/NDF : 45286.9/7

-58.835+/-0.341 χ^2/NDF : 194.6/3

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.193+/-0.021 χ^2/NDF : 42.4/3

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

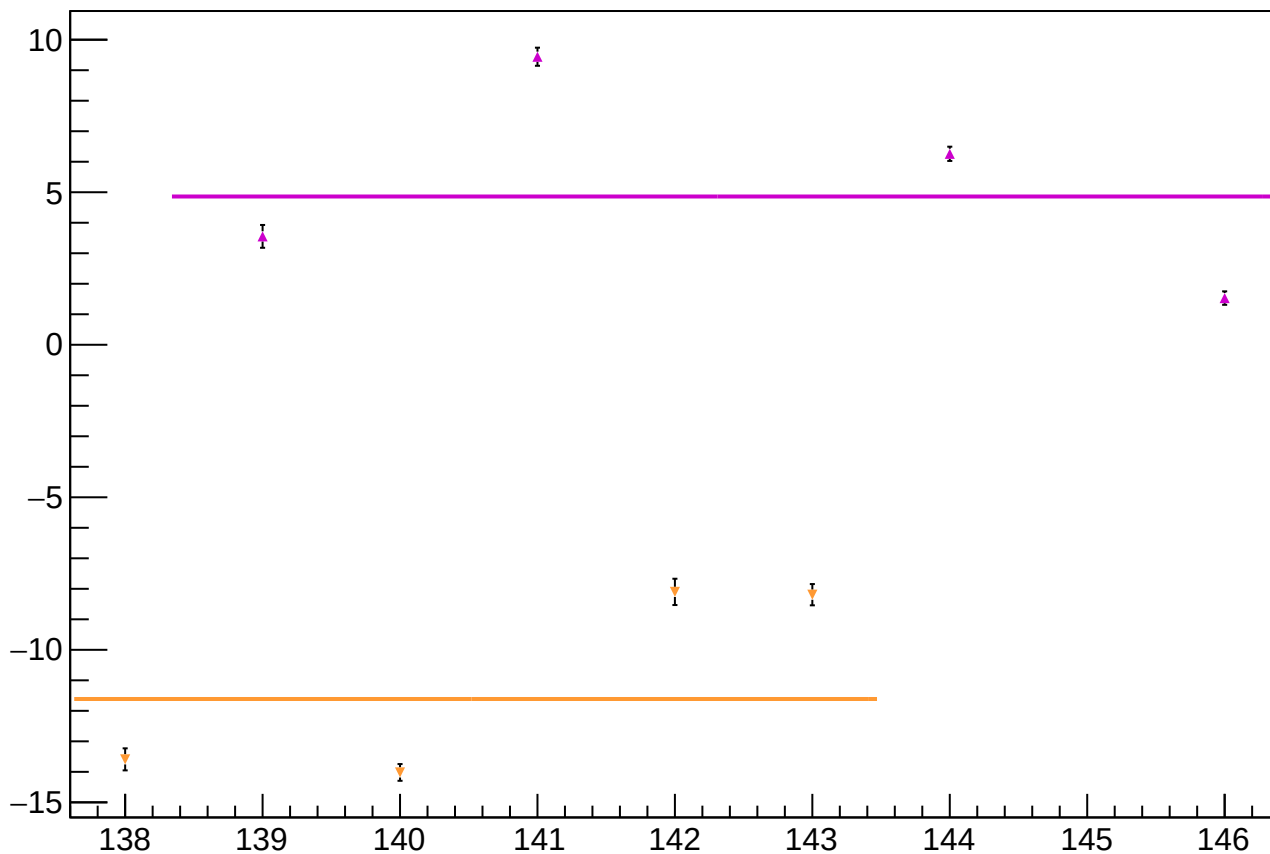
Left In: -0.099+/-0.017 χ^2/NDF : 57.3/3

0.193+/-0.021 χ^2/NDF : 42.4/3

0.014+/-0.013 χ^2/NDF : 213.1/7

-0.099+/-0.017 χ^2/NDF : 57.3/3

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -11.612+/-0.170 χ^2/NDF : 269.5/3

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

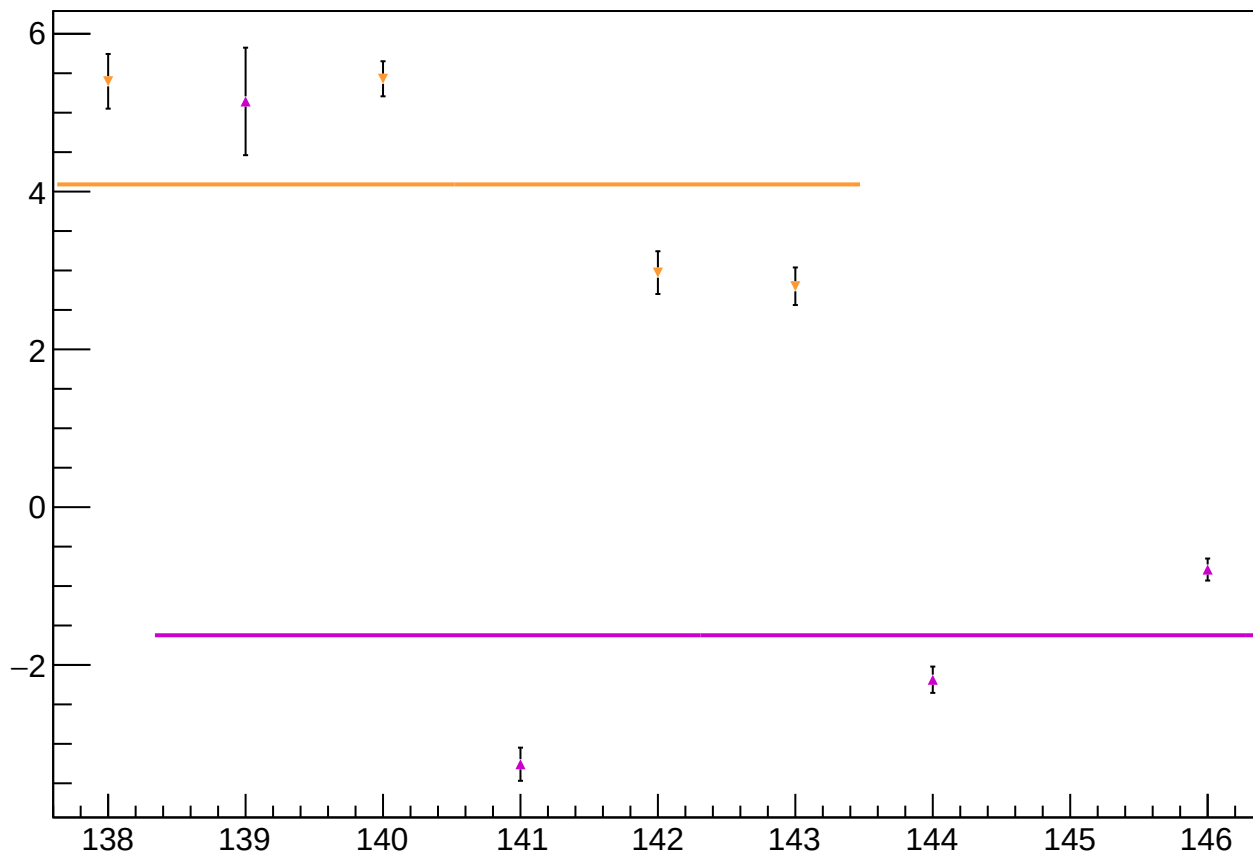
Left In: 4.860+/-0.132 χ^2/NDF : 513.5/3

-11.612+/-0.170 χ^2/NDF : 269.5/3

-1.335+/-0.104 χ^2/NDF : 6629.7/7

4.860+/-0.132 χ^2/NDF : 513.5/3

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 4.091 $\pm$ 0.129 χ^2 /NDF: 96.9/3

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

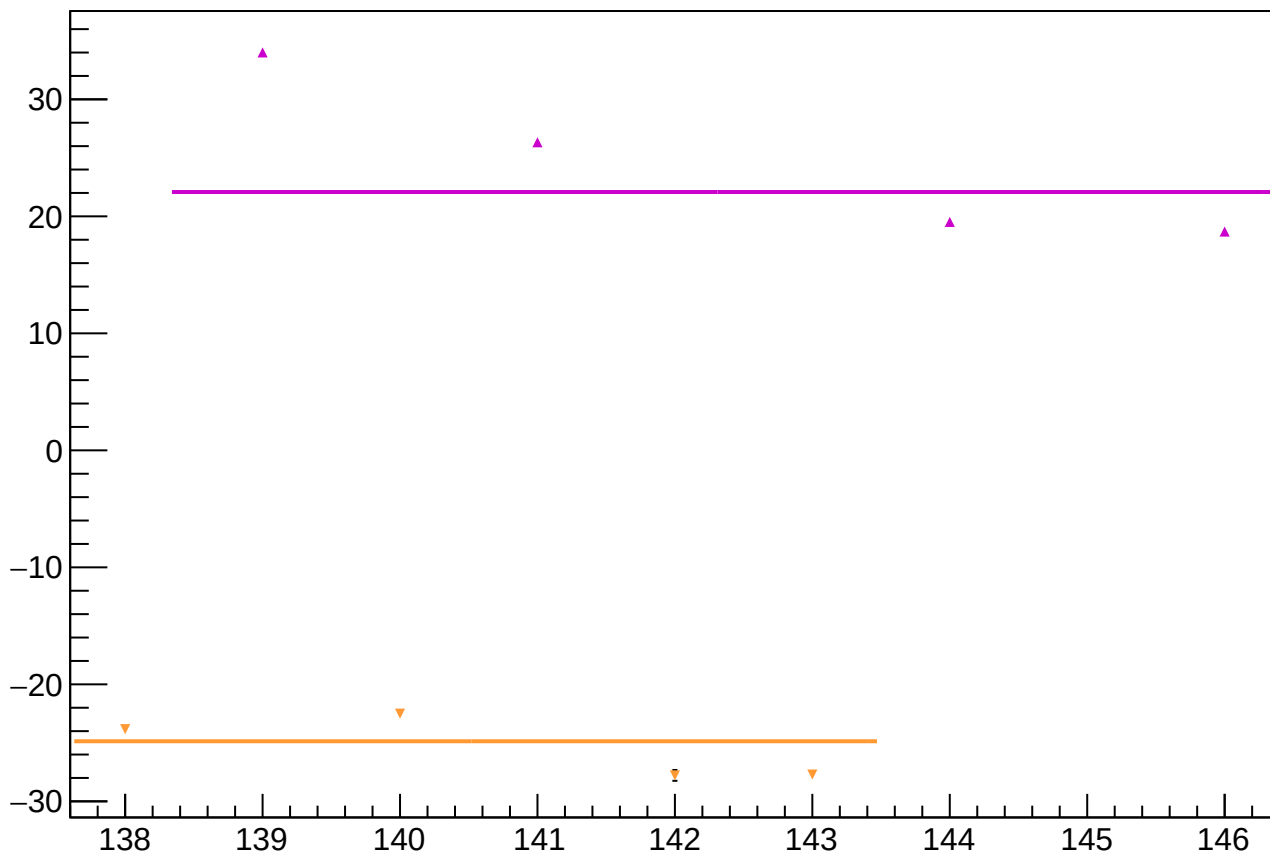
Left In: -1.624 $\pm$ 0.094 χ^2 /NDF: 206.2/3

4.091 $\pm$ 0.129 χ^2 /NDF: 96.9/3

0.364 $\pm$ 0.076 χ^2 /NDF: 1576.8/7

-1.624 $\pm$ 0.094 χ^2 /NDF: 206.2/3

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -24.864 +/- 0.182 χ^2/NDF : 170.6/3

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

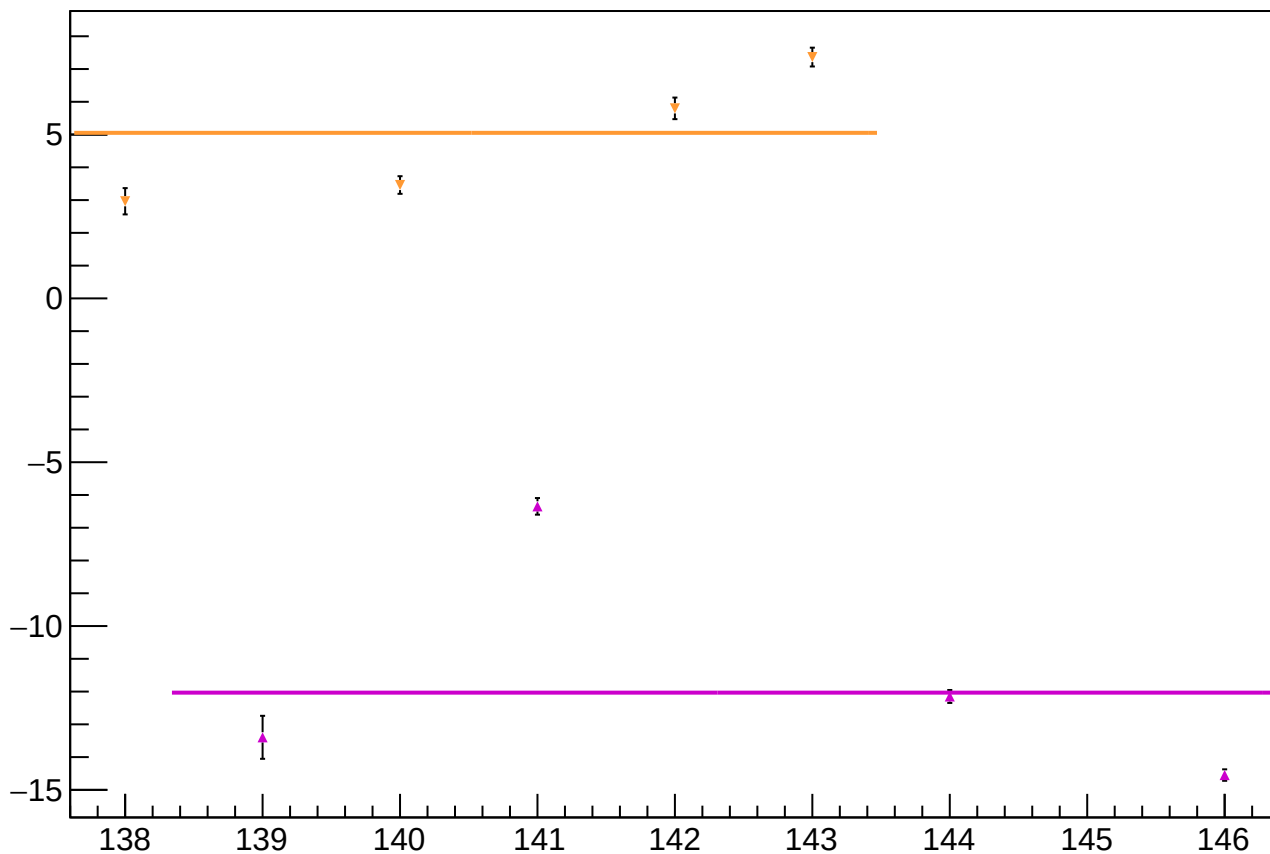
Left In: 22.079 +/- 0.136 χ^2/NDF : 1408.3/3

-24.864 +/- 0.182 χ^2/NDF : 170.6/3

5.302 +/- 0.109 χ^2/NDF : 44282.0/7

22.079 +/- 0.136 χ^2/NDF : 1408.3/3

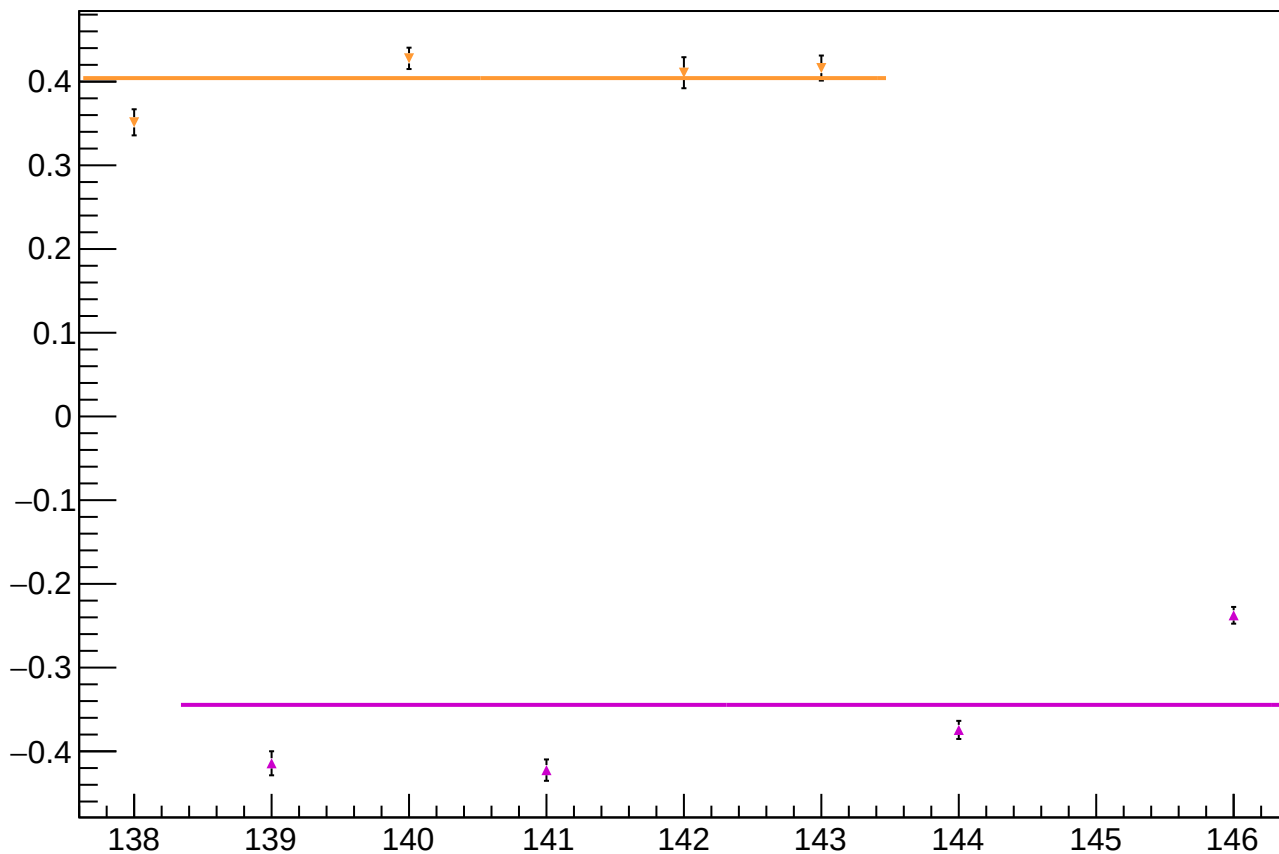
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.053+/-0.155 χ^2/NDF :132.2/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.033+/-0.115 χ^2/NDF :714.1/3

5.053+/-0.155 χ^2/NDF : 132.2/3
 -6.017+/-0.092 χ^2/NDF : 8674.5/7
 -12.033+/-0.115 χ^2/NDF : 714.1/3

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.404 $\pm$ 0.008 χ^2 /NDF: 15.7/3

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

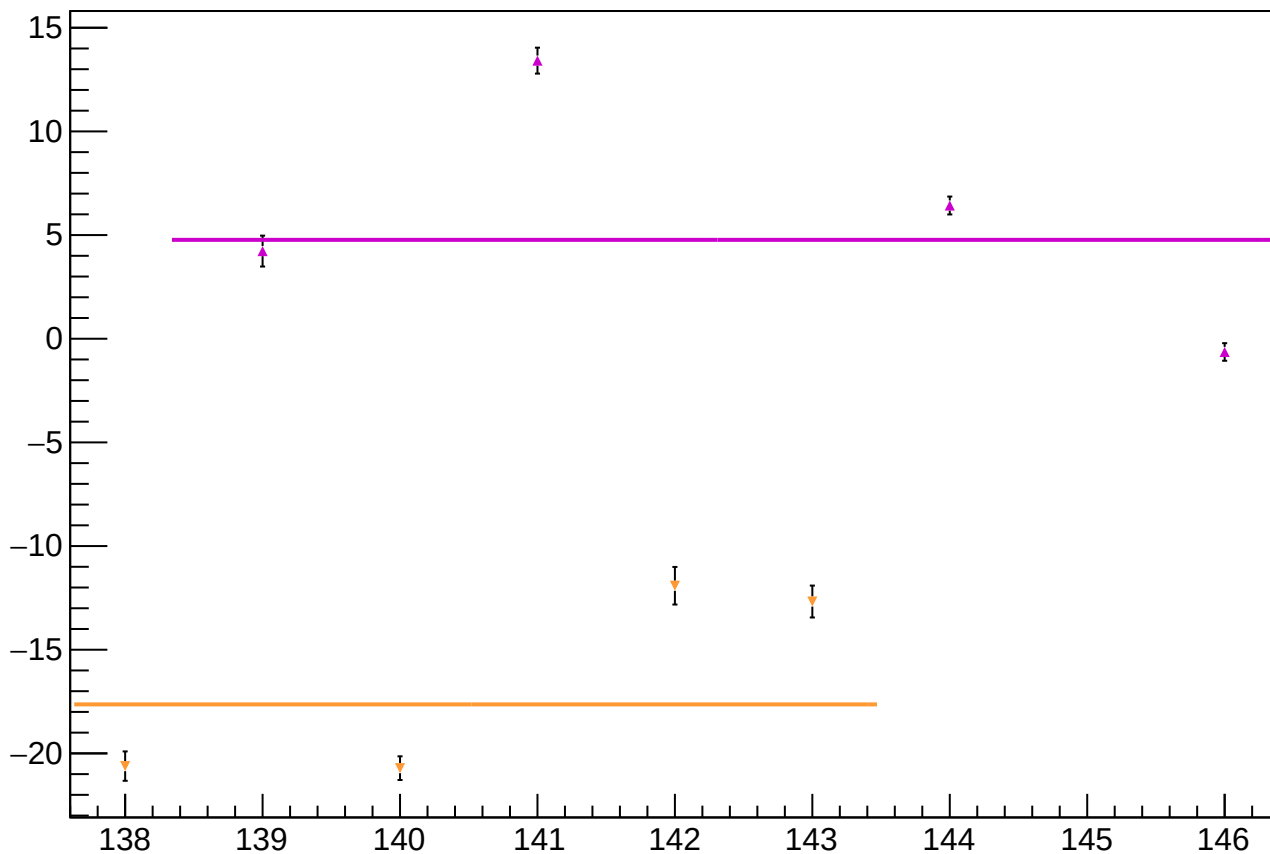
Left In: -0.345 $\pm$ 0.006 χ^2 /NDF: 183.3/3

0.404 $\pm$ 0.008 χ^2 /NDF: 15.7/3

-0.065 $\pm$ 0.005 χ^2 /NDF: 6392.7/7

-0.345 $\pm$ 0.006 χ^2 /NDF: 183.3/3

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -17.637+/-0.354 χ^2/NDF :128.0/3

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

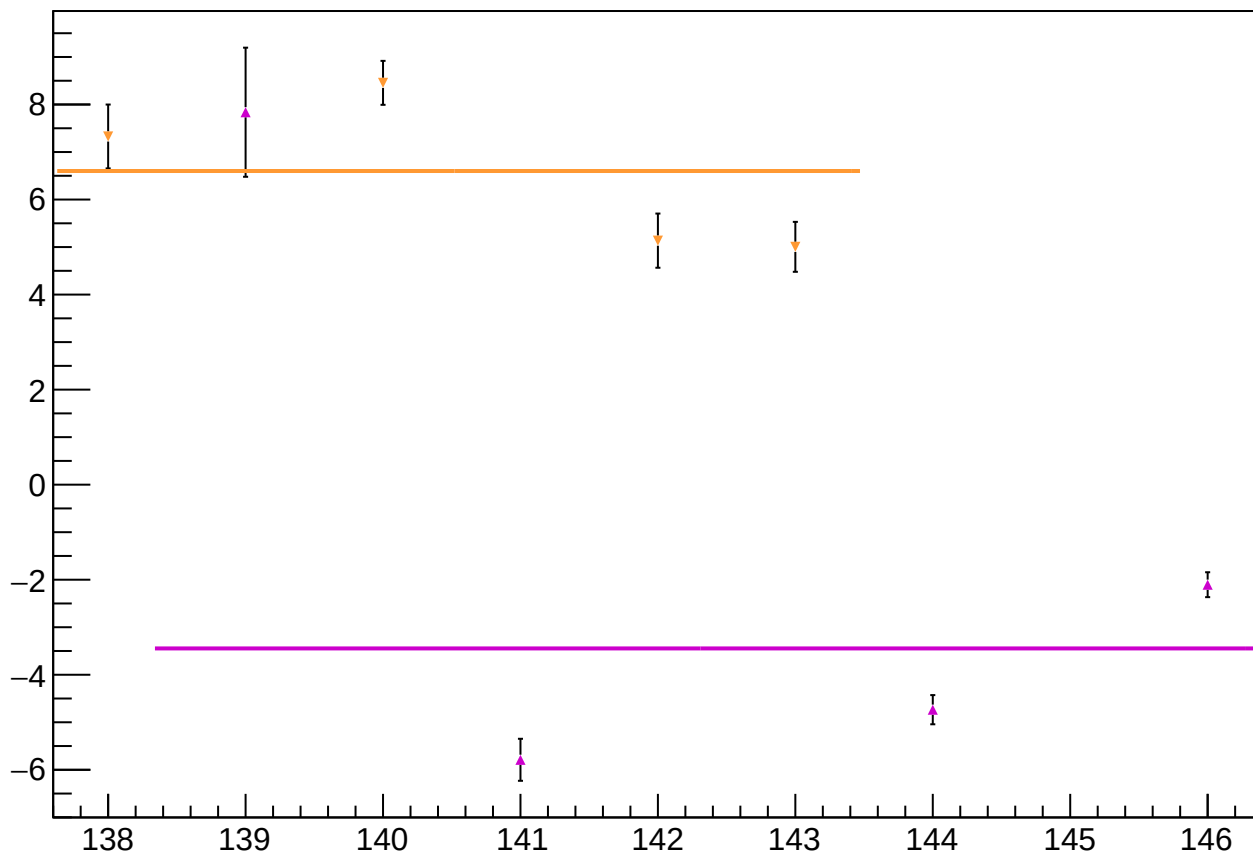
Left In: 4.770+/-0.256 χ^2/NDF :369.0/3

-17.637+/-0.354 χ^2/NDF : 128.0/3

-2.902+/-0.207 χ^2/NDF : 3125.2/7

4.770+/-0.256 χ^2/NDF : 369.0/3

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 6.601 $\pm$ 0.271 χ^2 /NDF: 33.1/3

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

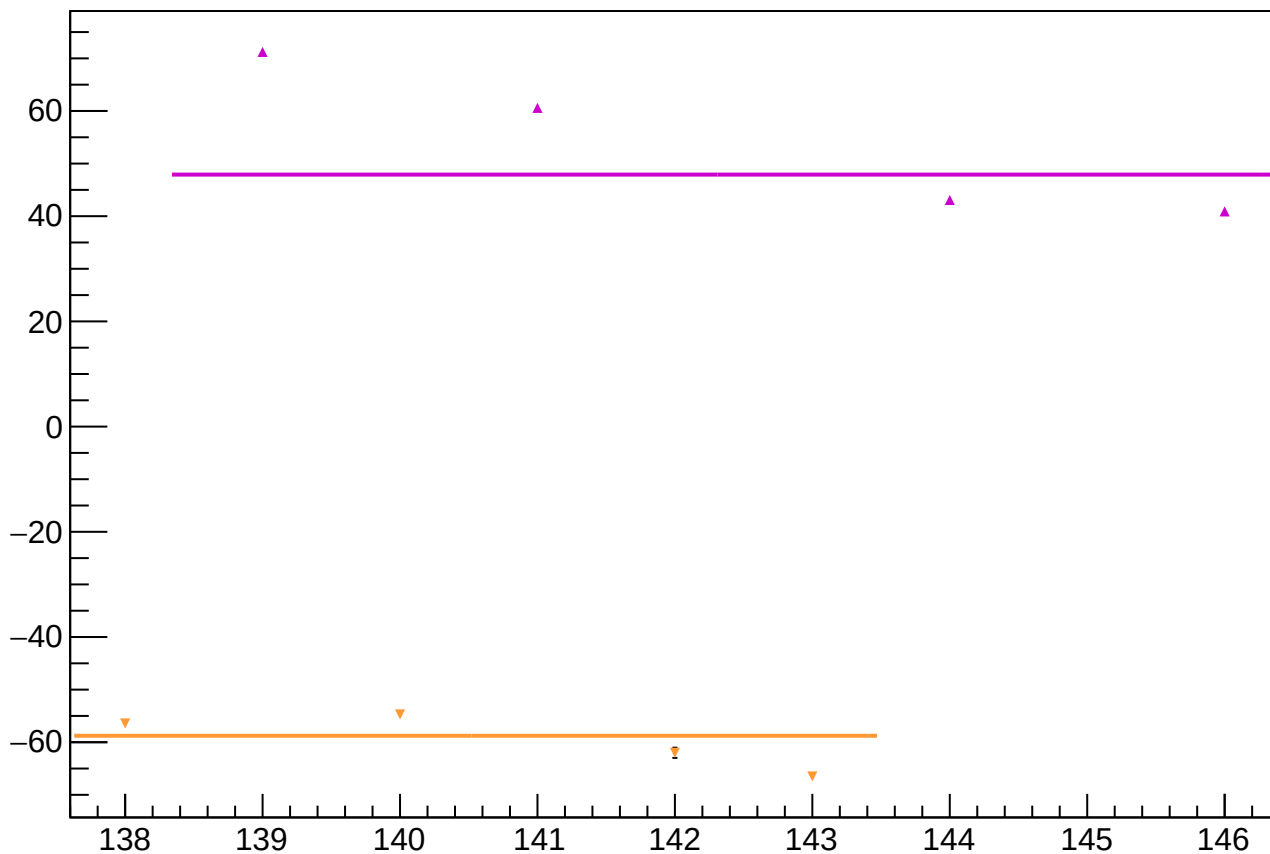
Left In: -3.446 $\pm$ 0.180 χ^2 /NDF: 140.9/3

6.601 $\pm$ 0.271 χ^2 /NDF: 33.1/3

-0.372 $\pm$ 0.150 χ^2 /NDF: 1126.1/7

-3.446 $\pm$ 0.180 χ^2 /NDF: 140.9/3

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: -58.770+/-0.379 χ^2/NDF : 153.8/3

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

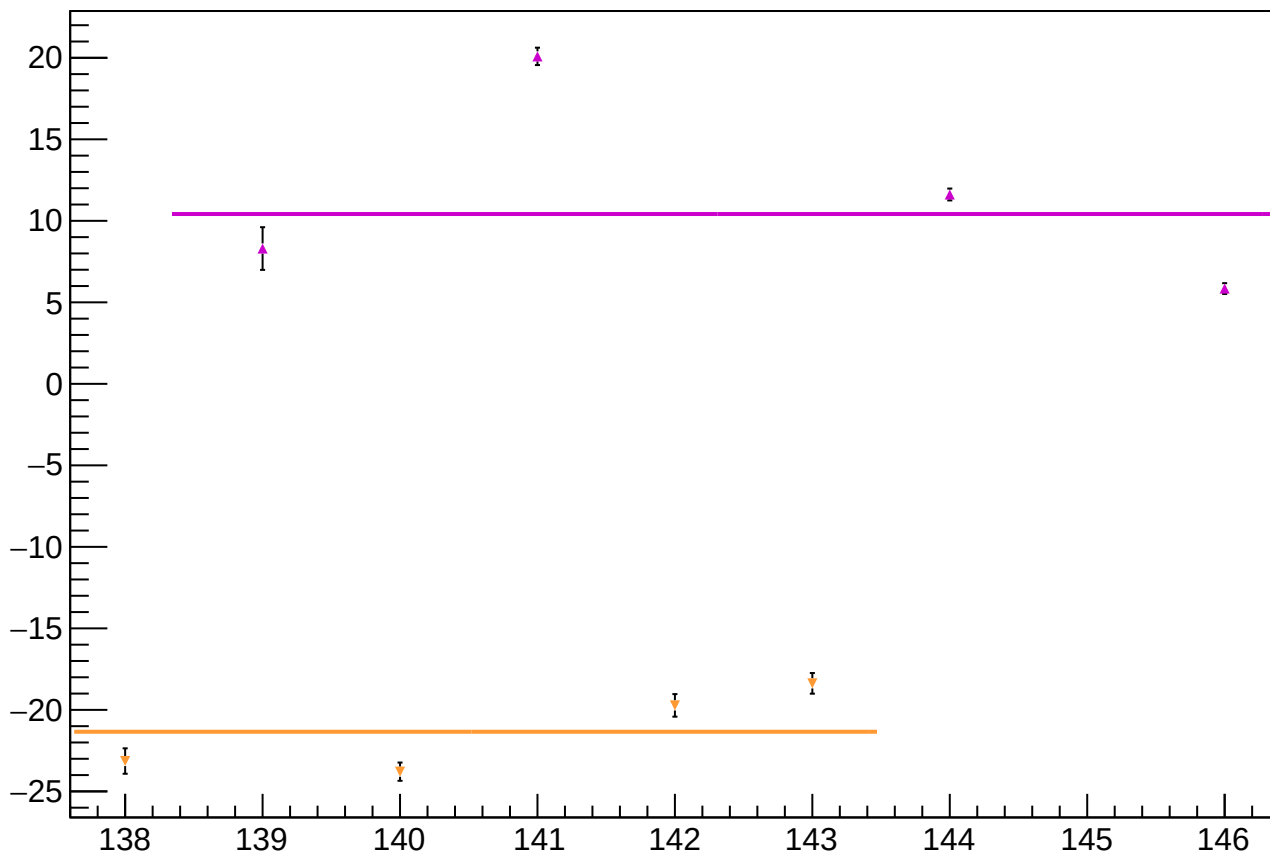
Left In: 47.906+/-0.263 χ^2/NDF : 1604.6/3

-58.770+/-0.379 χ^2/NDF : 153.8/3

13.348+/-0.216 χ^2/NDF : 55184.0/7

47.906+/-0.263 χ^2/NDF : 1604.6/3

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -21.341+/-0.326 χ^2/NDF : 51.8/3

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

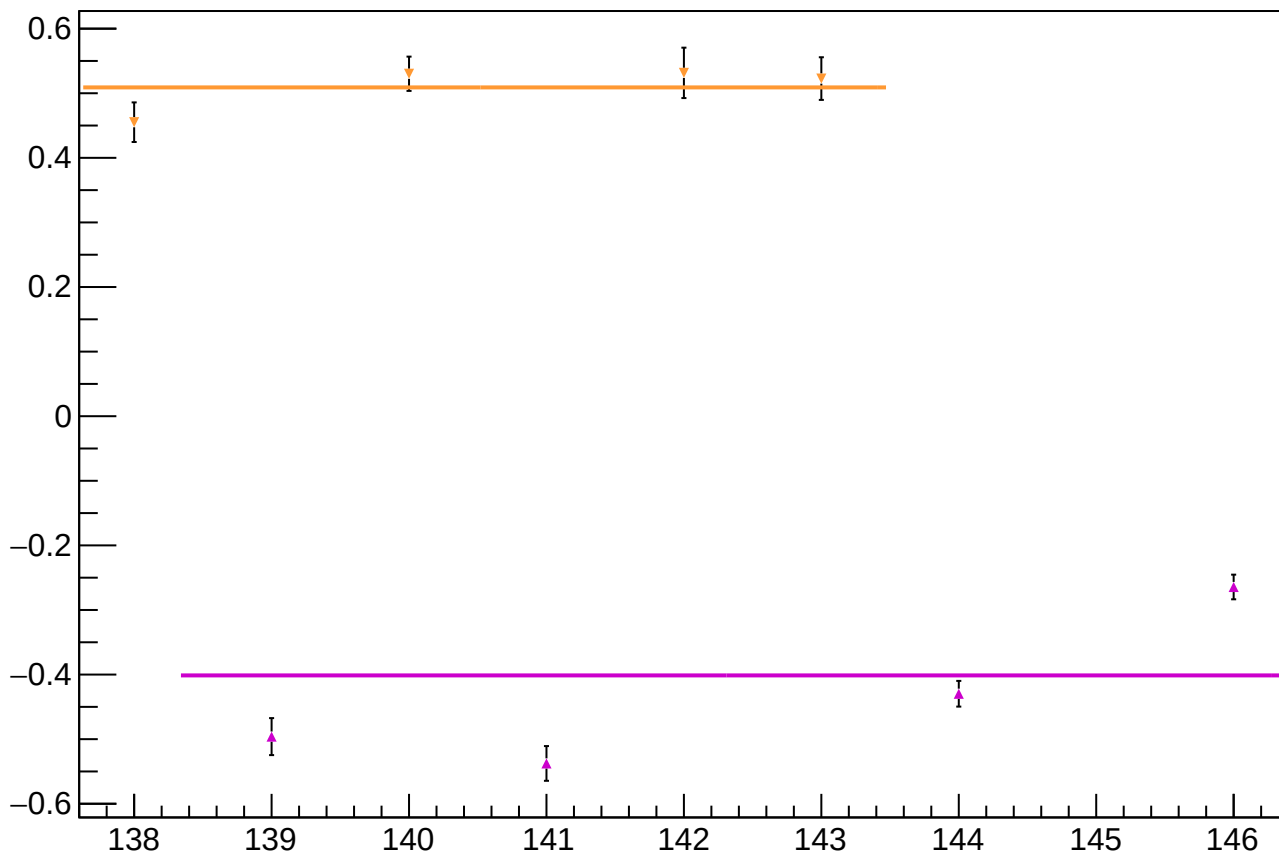
Left In: 10.418+/-0.220 χ^2/NDF : 532.1/3

-21.341+/-0.326 χ^2/NDF : 51.8/3

0.504+/-0.182 χ^2/NDF : 7111.1/7

10.418+/-0.220 χ^2/NDF : 532.1/3

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.509 $\pm$ 0.016 χ^2 /NDF: 4.2/3

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

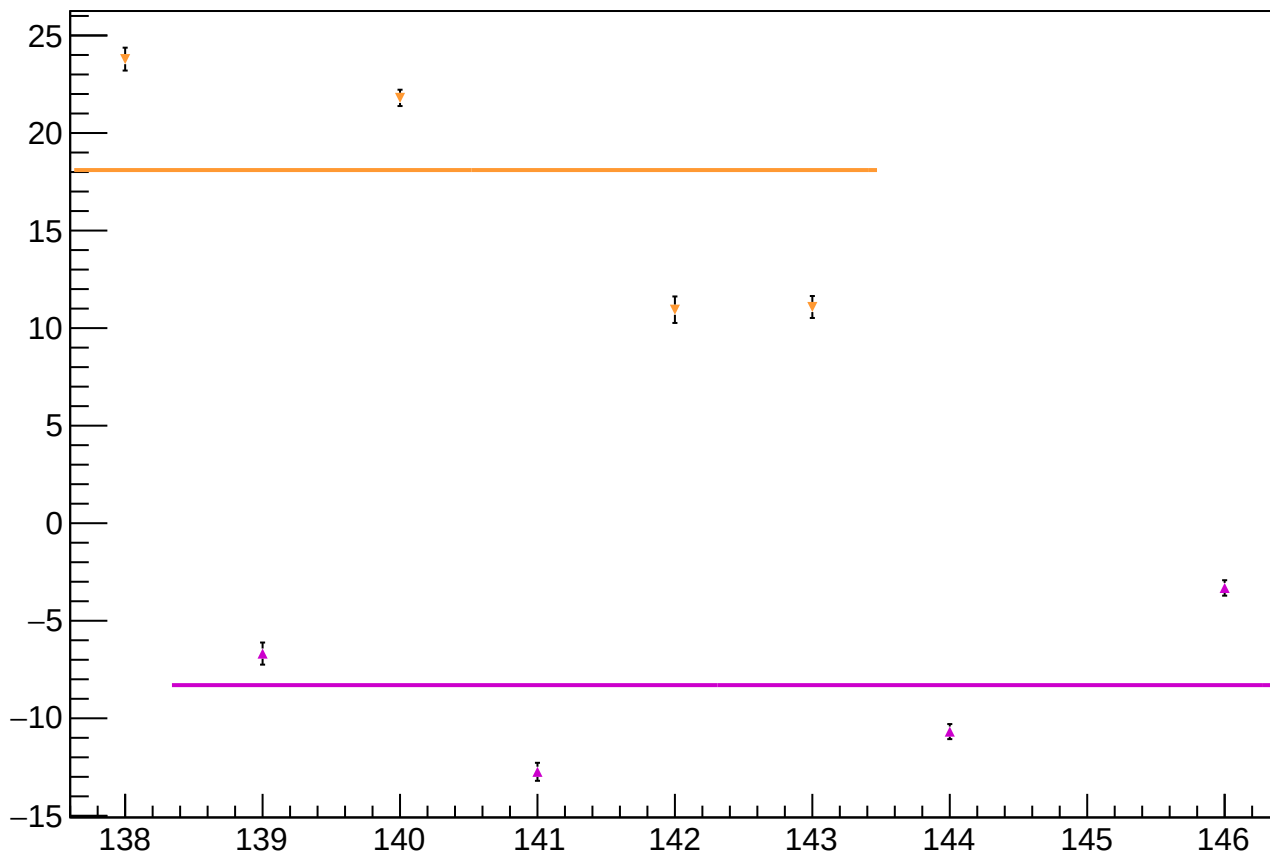
Left In: -0.401 $\pm$ 0.011 χ^2 /NDF: 90.1/3

0.509 $\pm$ 0.016 χ^2 /NDF: 4.2/3

-0.092 $\pm$ 0.009 χ^2 /NDF: 2313.9/7

-0.401 $\pm$ 0.011 χ^2 /NDF: 90.1/3

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: 18.101+/-0.268 χ^2/NDF : 438.7/3

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

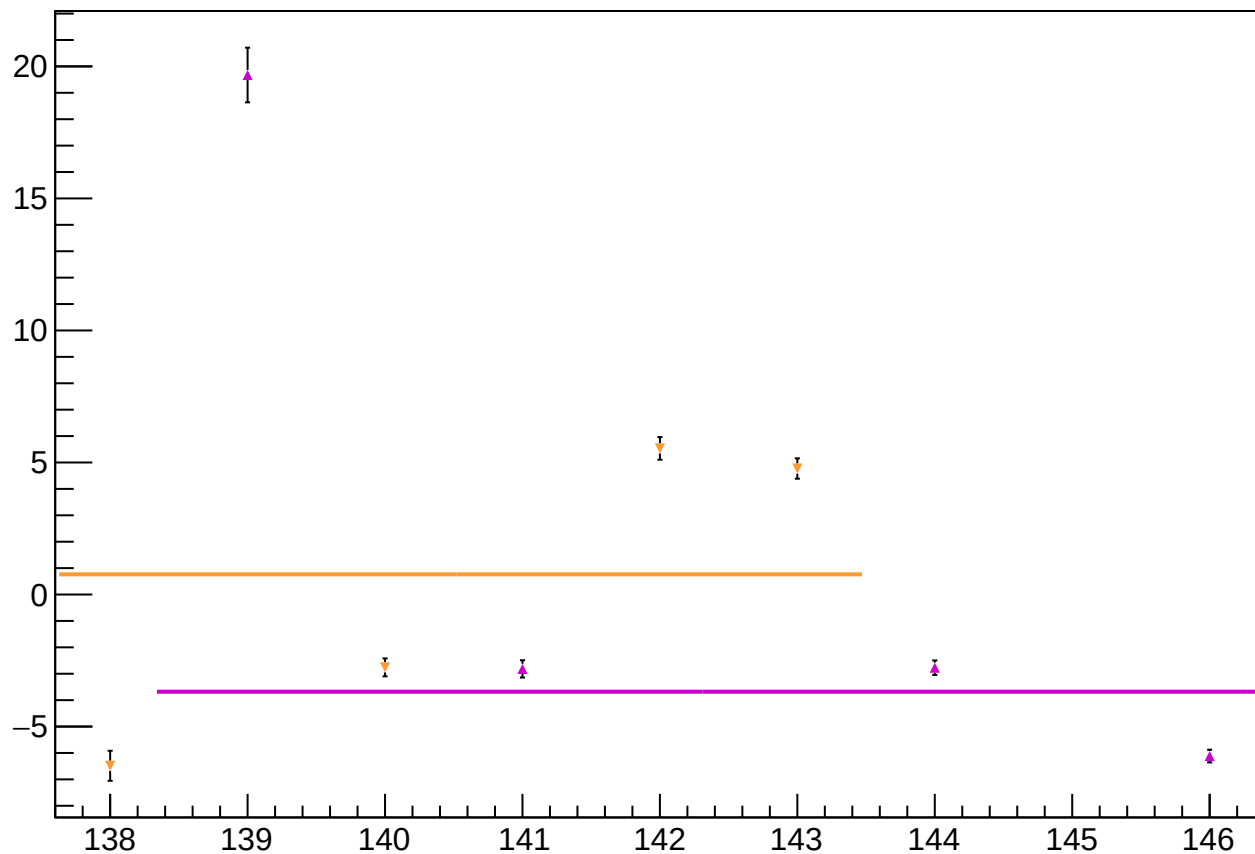
Left In: -8.300+/-0.219 χ^2/NDF : 297.5/3

18.101+/-0.268 χ^2/NDF : 438.7/3

2.262+/-0.169 χ^2/NDF : 6567.0/7

-8.300+/-0.219 χ^2/NDF : 297.5/3

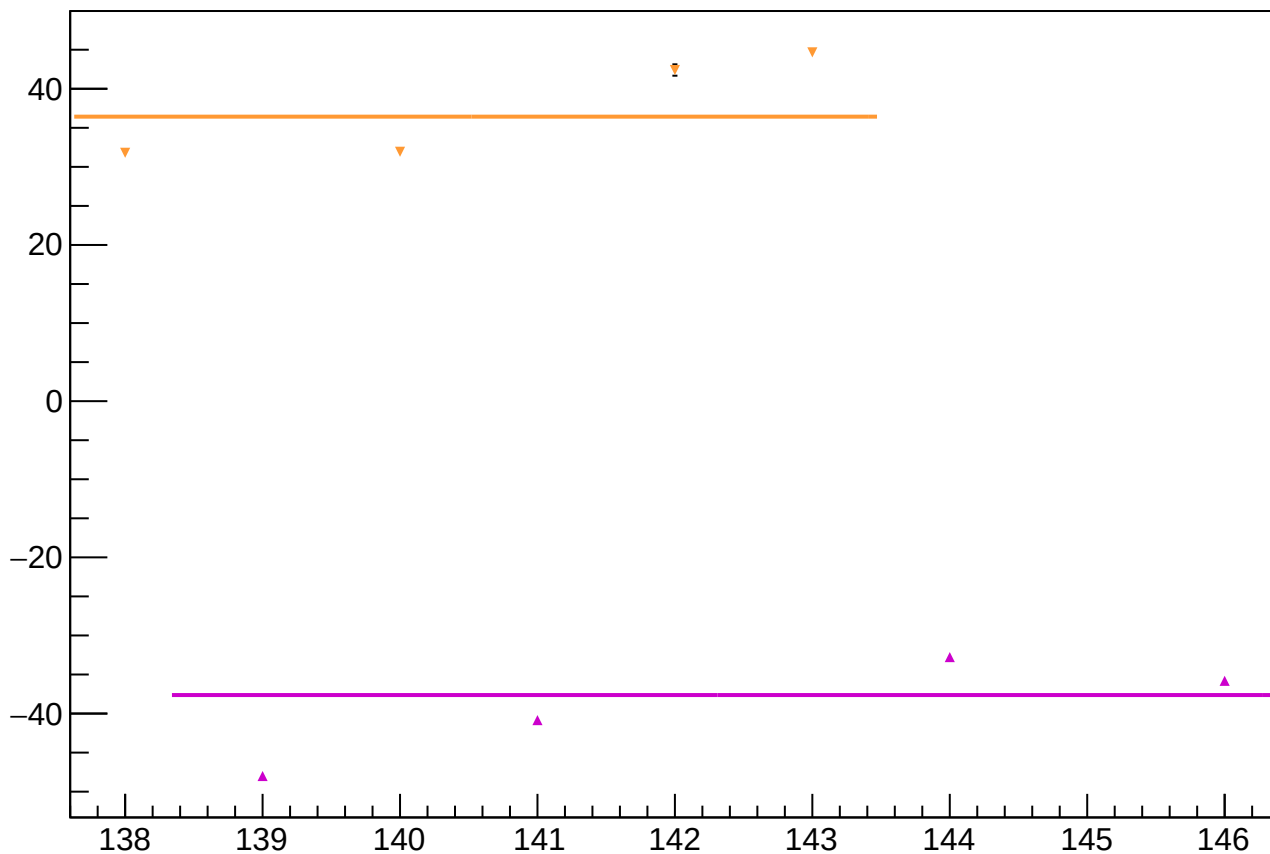
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.765+/-0.204 χ^2/NDF : 501.9/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.680+/-0.157 χ^2/NDF : 628.9/3

0.765+/-0.204 χ^2/NDF : 501.9/3
 -2.034+/-0.124 χ^2/NDF : 1428.5/7
 -3.680+/-0.157 χ^2/NDF : 628.9/3

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: 36.430+/-0.287 χ^2/NDF : 410.1/3

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

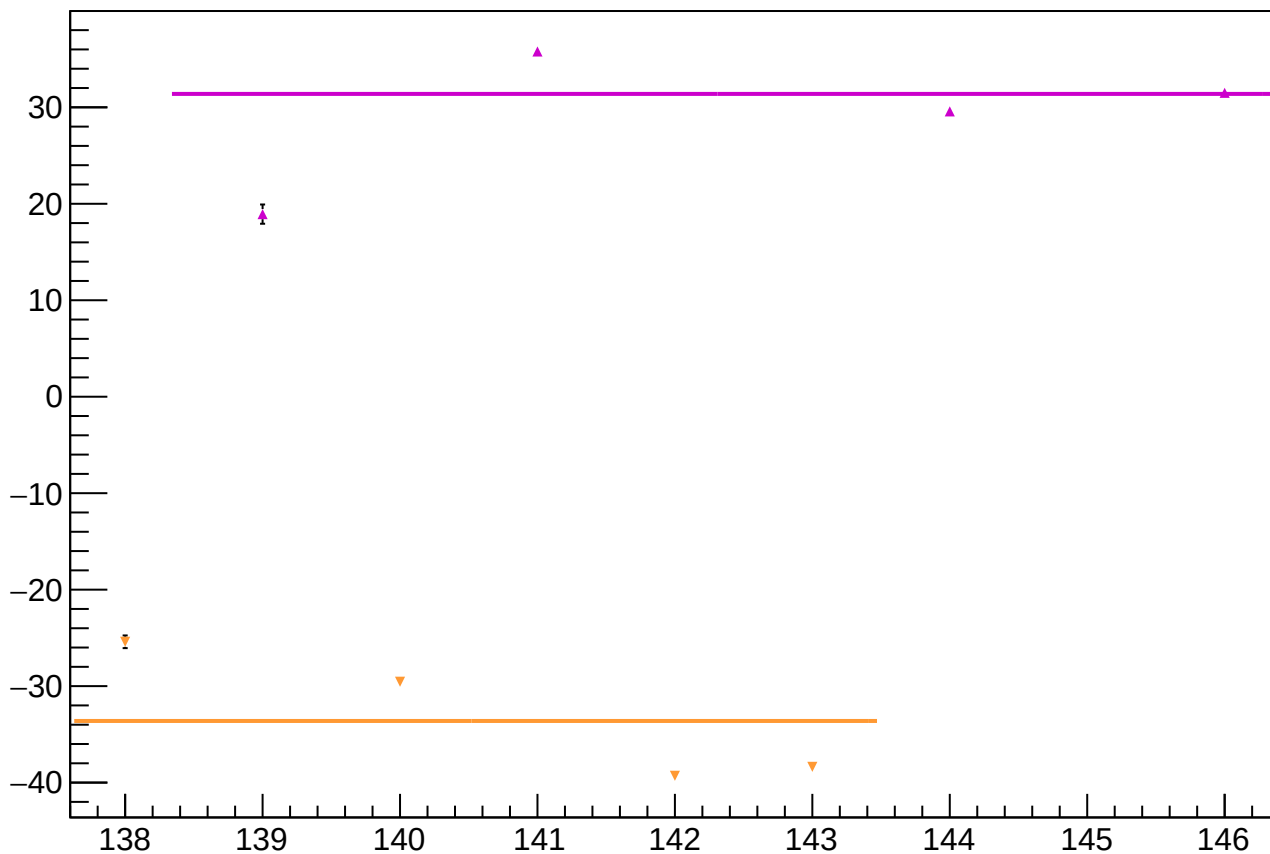
Left In: -37.630+/-0.226 χ^2/NDF : 490.9/3

36.430+/-0.287 χ^2/NDF : 410.1/3

-9.255+/-0.177 χ^2/NDF : 42101.4/7

-37.630+/-0.226 χ^2/NDF : 490.9/3

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -33.612+/-0.245 χ^2/NDF : 478.8/3

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

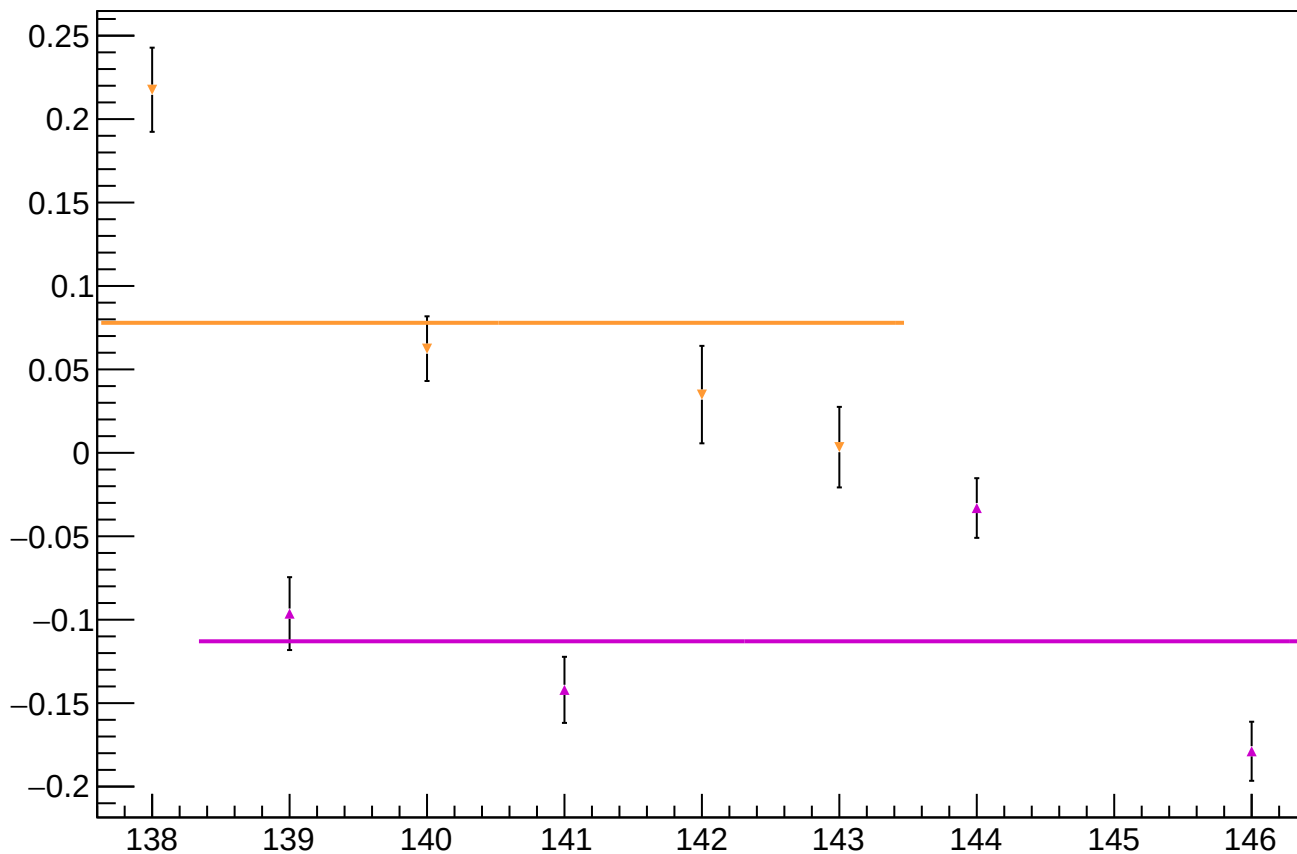
Left In: 31.390+/-0.190 χ^2/NDF : 311.3/3

-33.612+/-0.245 χ^2/NDF : 478.8/3

6.964+/-0.150 χ^2/NDF : 44554.6/7

31.390+/-0.190 χ^2/NDF : 311.3/3

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: 0.078+/-0.012 χ^2/NDF : 43.0/3

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

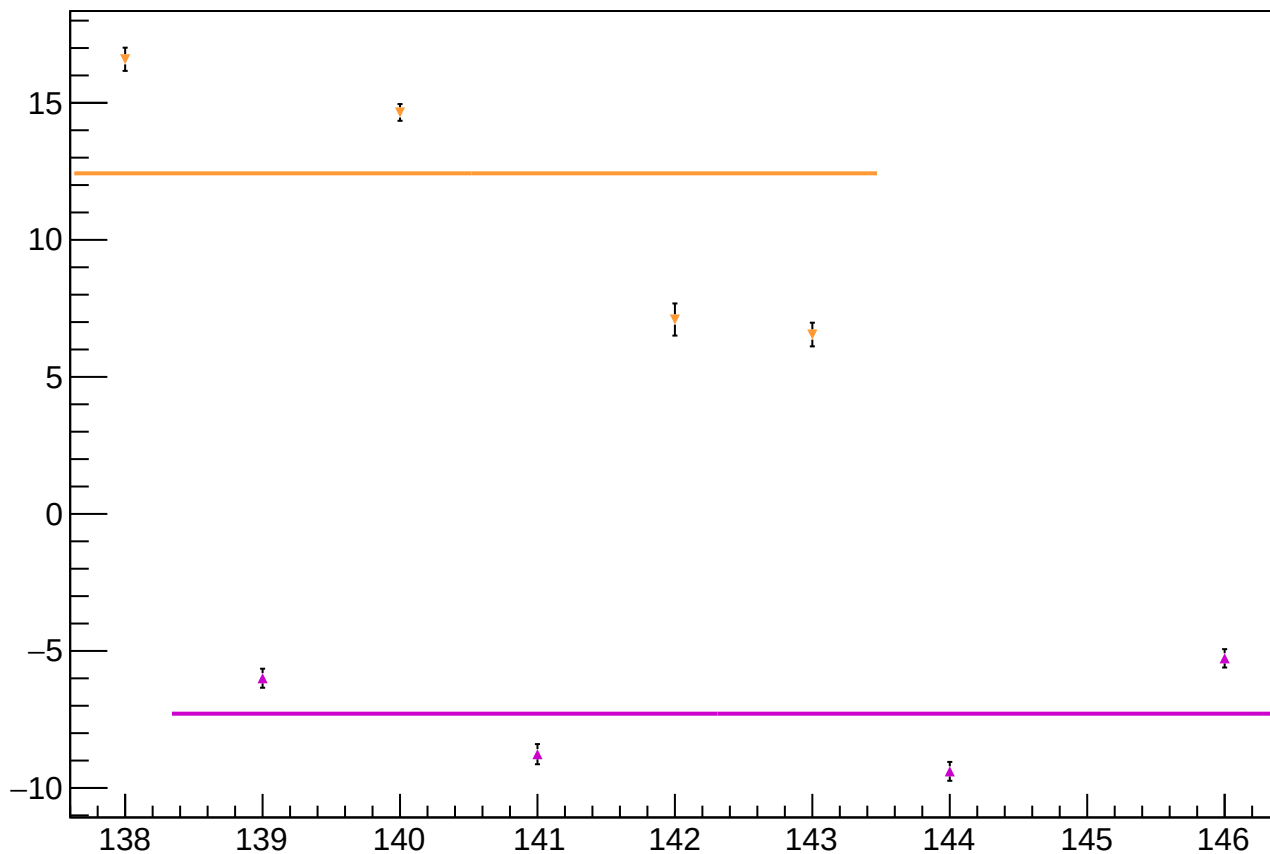
Left In: -0.113+/-0.010 χ^2/NDF : 36.6/3

0.078+/-0.012 χ^2/NDF : 43.0/3

-0.038+/-0.007 χ^2/NDF : 236.9/7

-0.113+/-0.010 χ^2/NDF : 36.6/3

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 12.428+/-0.202 χ^2/NDF : 417.7/3

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

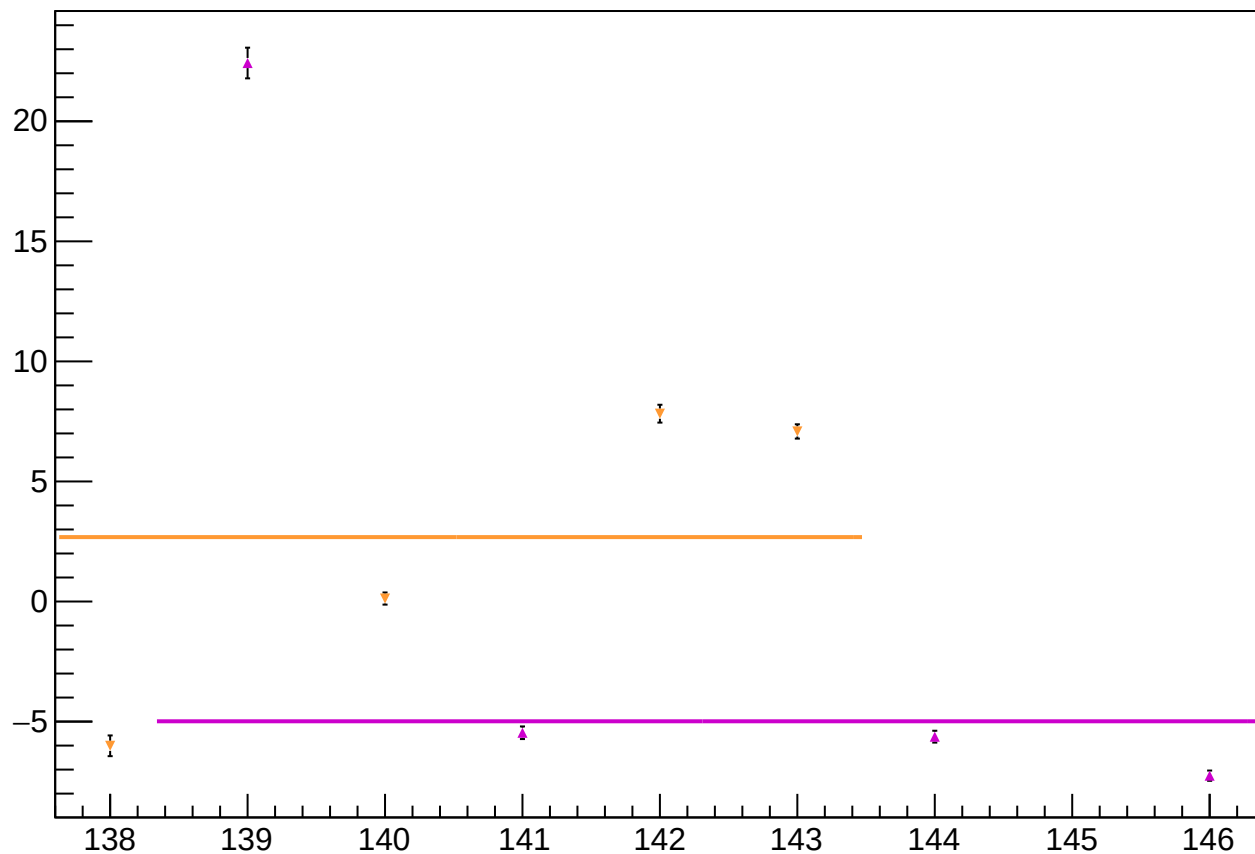
Left In: -7.289+/-0.174 χ^2/NDF : 103.6/3

12.428+/-0.202 χ^2/NDF : 417.7/3

1.123+/-0.132 χ^2/NDF : 5997.0/7

-7.289+/-0.174 χ^2/NDF : 103.6/3

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 2.682+/-0.159 χ^2/NDF :917.4/3

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

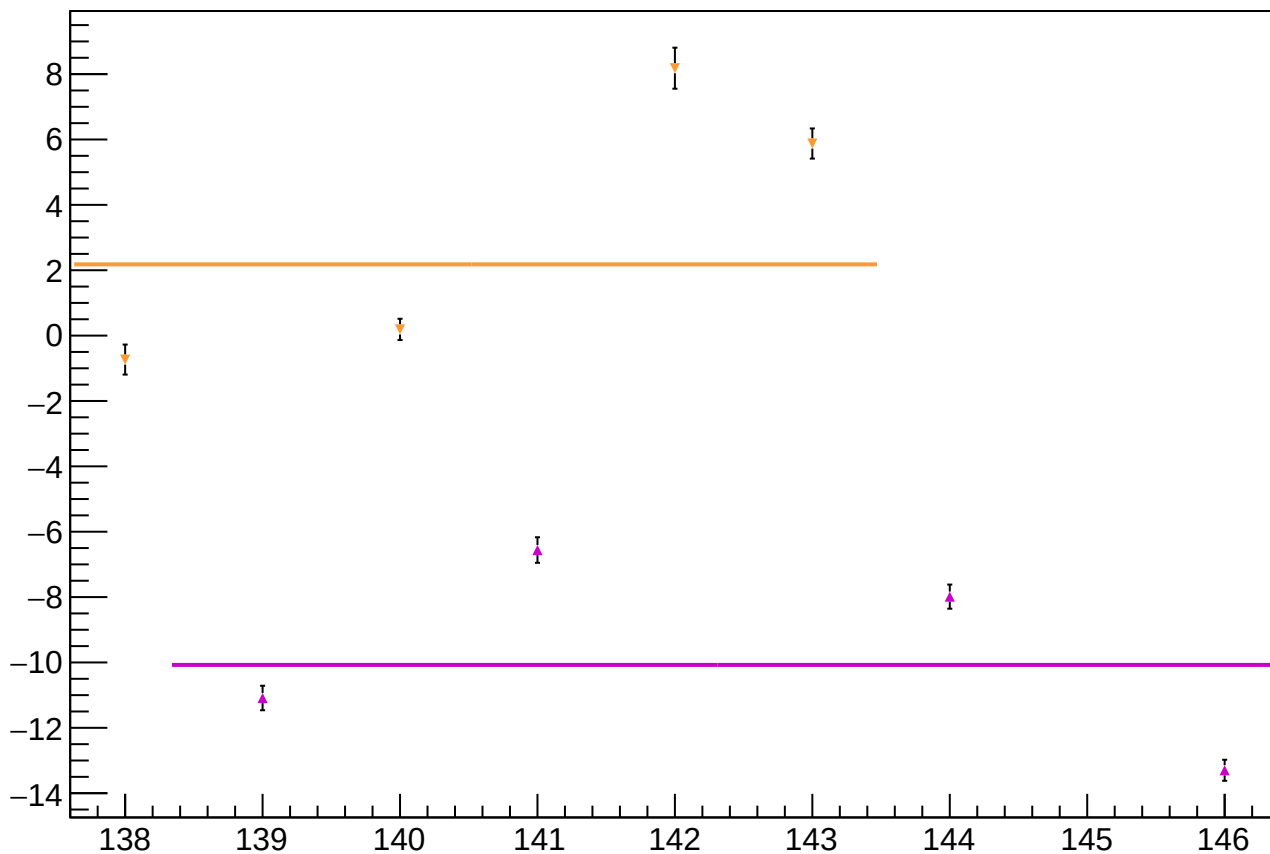
Left In: -4.988+/-0.135 χ^2/NDF :1963.6/3

2.682+/-0.159 χ^2/NDF : 917.4/3

-1.790+/-0.103 χ^2/NDF : 4236.6/7

-4.988+/-0.135 χ^2/NDF : 1963.6/3

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: 2.180 $\pm$ 0.216 χ^2 /NDF:233.3/3

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

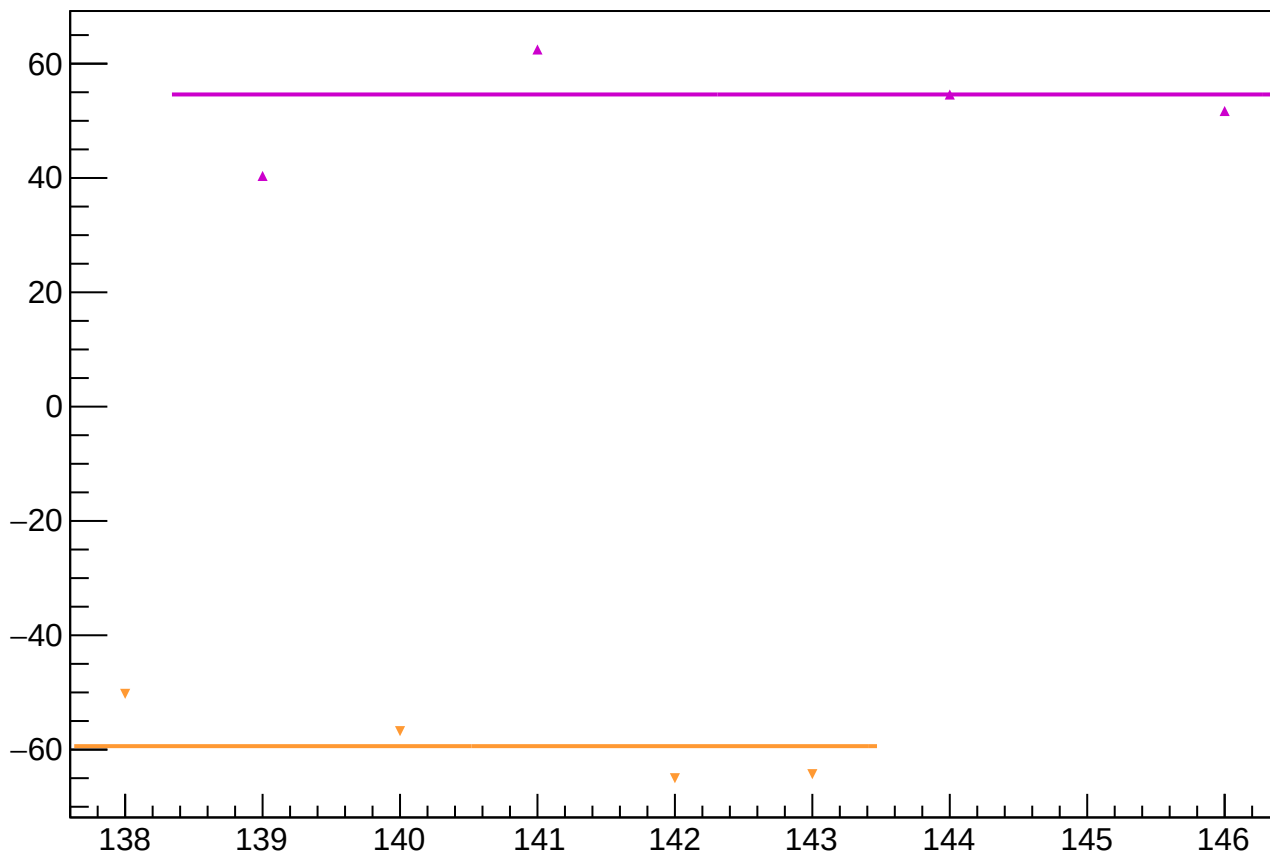
Left In: -10.075 $\pm$ 0.181 χ^2 /NDF:220.3/3

2.180 $\pm$ 0.216 χ^2 /NDF: 233.3/3

-5.032 $\pm$ 0.139 χ^2 /NDF: 2347.5/7

-10.075 $\pm$ 0.181 χ^2 /NDF: 220.3/3

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -59.397+/-0.190 χ^2/NDF : 764.0/3

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

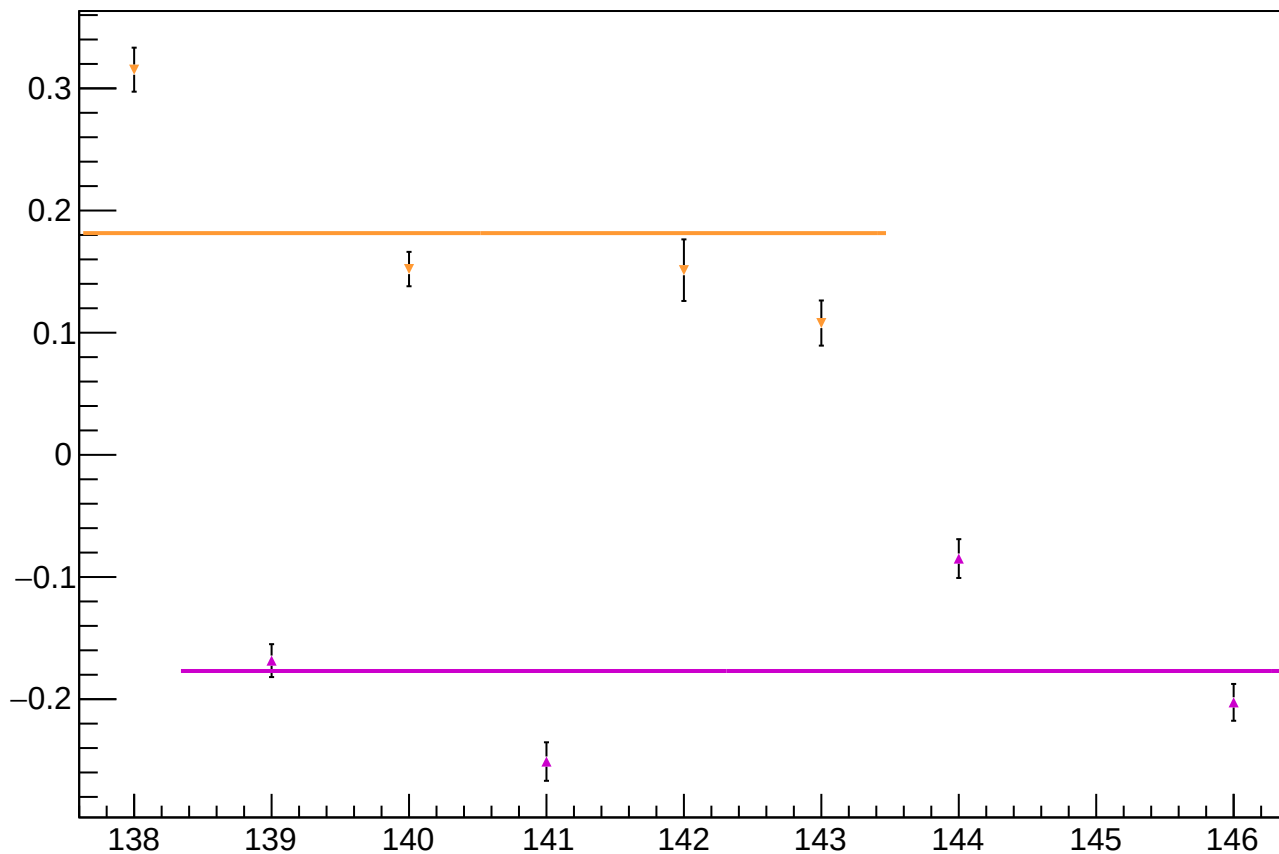
Left In: 54.612+/-0.161 χ^2/NDF : 1274.5/3

-59.397+/-0.190 χ^2/NDF : 764.0/3

7.026+/-0.123 χ^2/NDF : 211526.2/7

54.612+/-0.161 χ^2/NDF : 1274.5/3

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.182+/-0.009 χ^2/NDF : 76.8/3

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

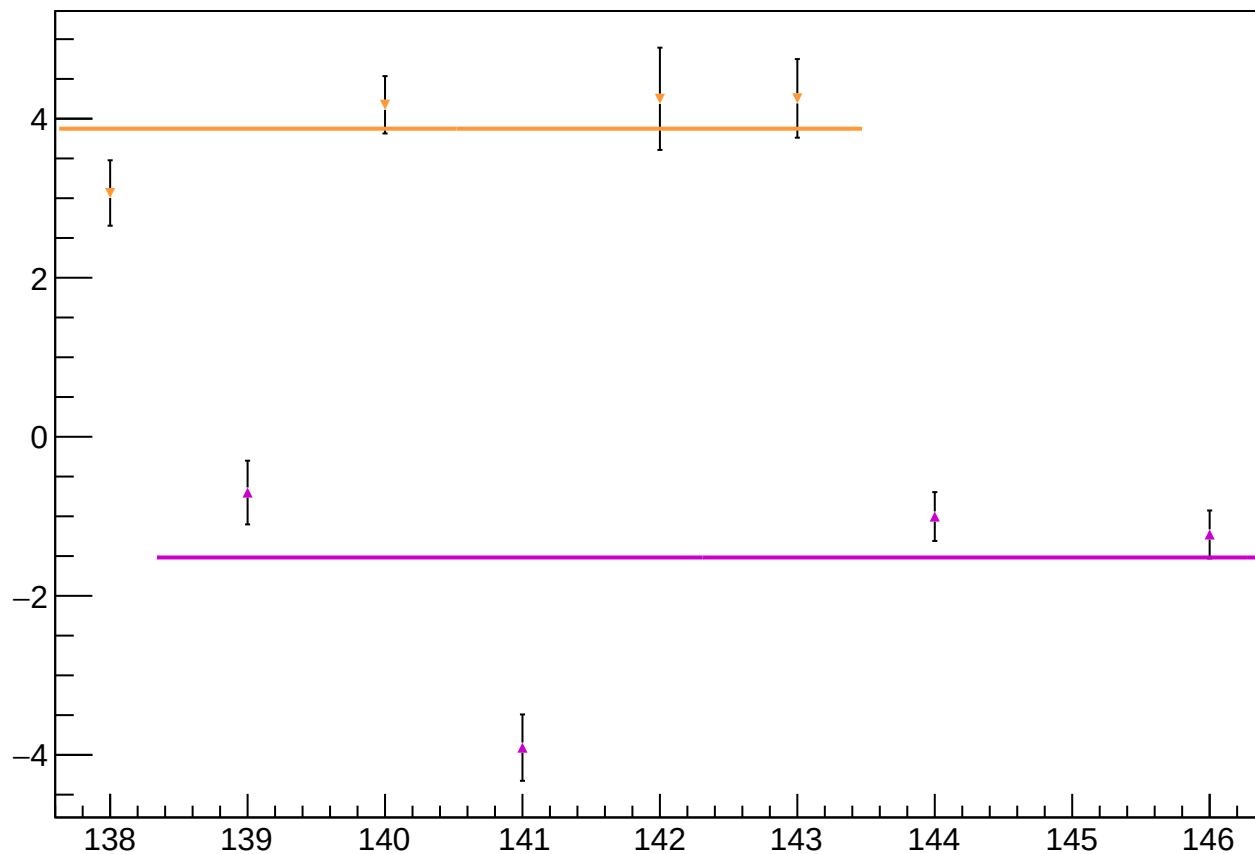
Left In: -0.177+/-0.007 χ^2/NDF : 59.0/3

0.182+/-0.009 χ^2/NDF : 76.8/3

-0.029+/-0.006 χ^2/NDF : 1087.6/7

-0.177+/-0.007 χ^2/NDF : 59.0/3

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 3.874 $\pm$ 0.223 χ^2 /NDF: 5.5/3

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

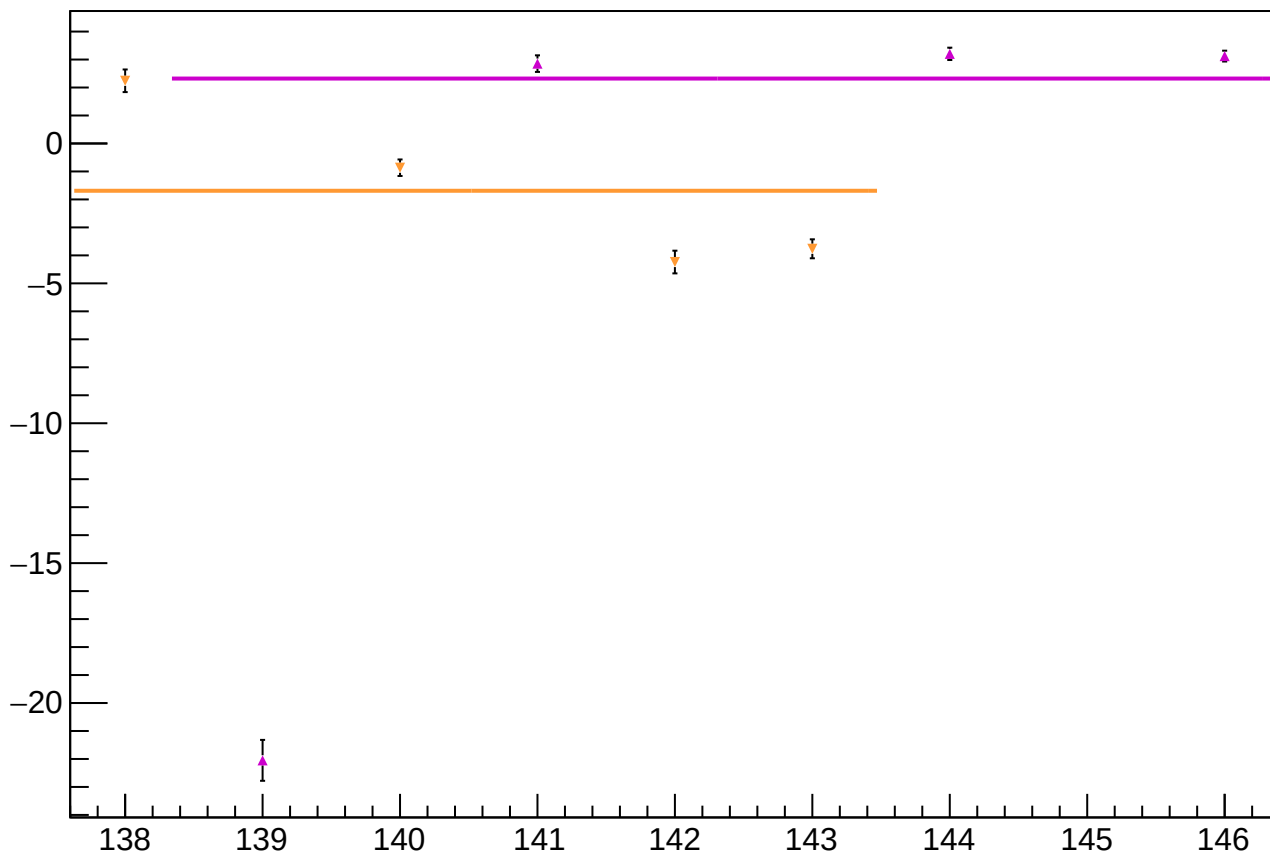
Left In: -1.518 $\pm$ 0.173 χ^2 /NDF: 40.7/3

3.874 $\pm$ 0.223 χ^2 /NDF: 5.5/3

0.502 $\pm$ 0.136 χ^2 /NDF: 412.0/7

-1.518 $\pm$ 0.173 χ^2 /NDF: 40.7/3

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: -1.690+/-0.176 χ^2/NDF : 179.2/3

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

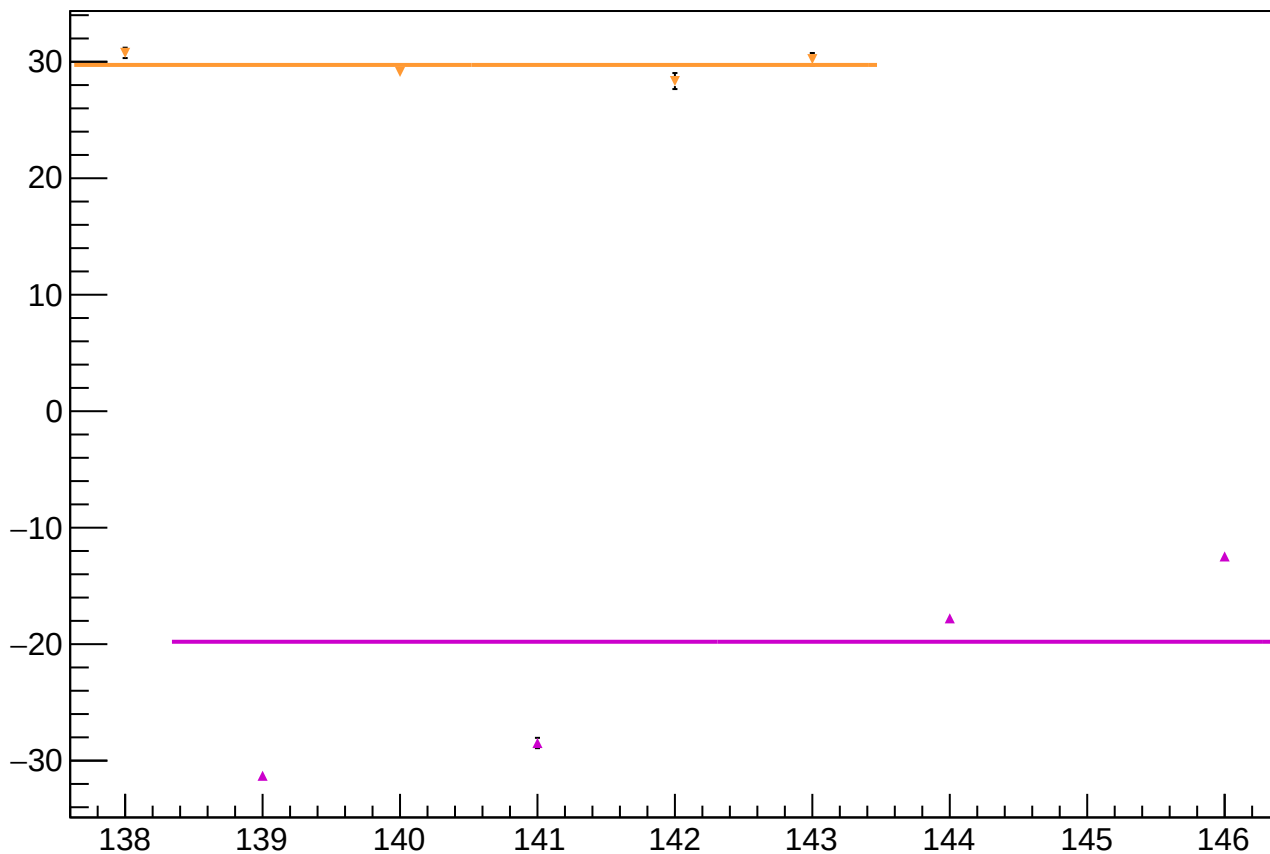
Left In: 2.321+/-0.129 χ^2/NDF : 1147.7/3

-1.690+/-0.176 χ^2/NDF : 179.2/3

0.921+/-0.104 χ^2/NDF : 1666.1/7

2.321+/-0.129 χ^2/NDF : 1147.7/3

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 29.729+/-0.239 χ^2/NDF : 12.8/3

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

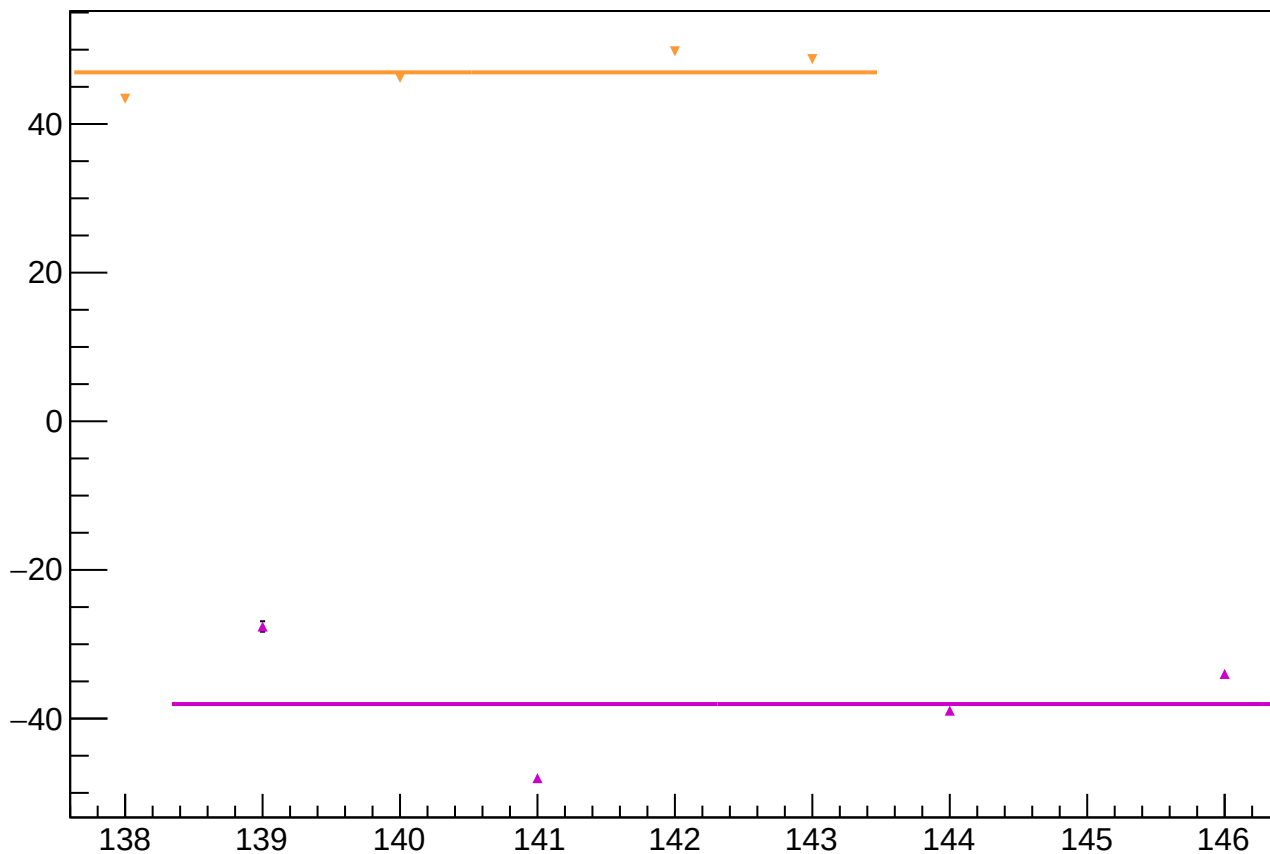
Left In: -19.793+/-0.178 χ^2/NDF : 1766.2/3

29.729+/-0.239 χ^2/NDF : 12.8/3

-2.103+/-0.143 χ^2/NDF : 29398.0/7

-19.793+/-0.178 χ^2/NDF : 1766.2/3

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: 46.952+/-0.210 χ^2/NDF : 114.9/3

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

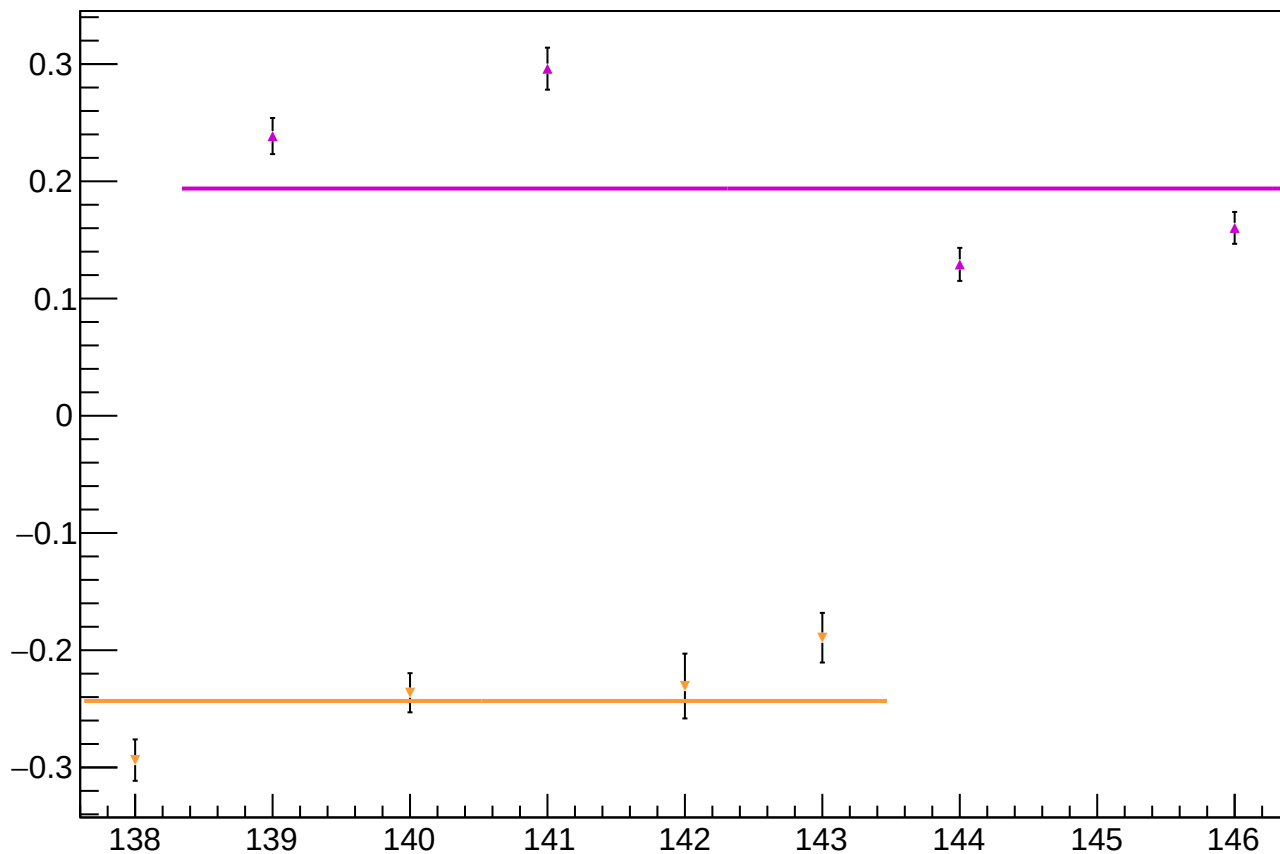
Left In: -38.046+/-0.155 χ^2/NDF : 1292.6/3

46.952+/-0.210 χ^2/NDF : 114.9/3

-8.212+/-0.125 χ^2/NDF : 107472.4/7

-38.046+/-0.155 χ^2/NDF : 1292.6/3

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.243+/-0.010 χ^2/NDF : 15.1/3

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

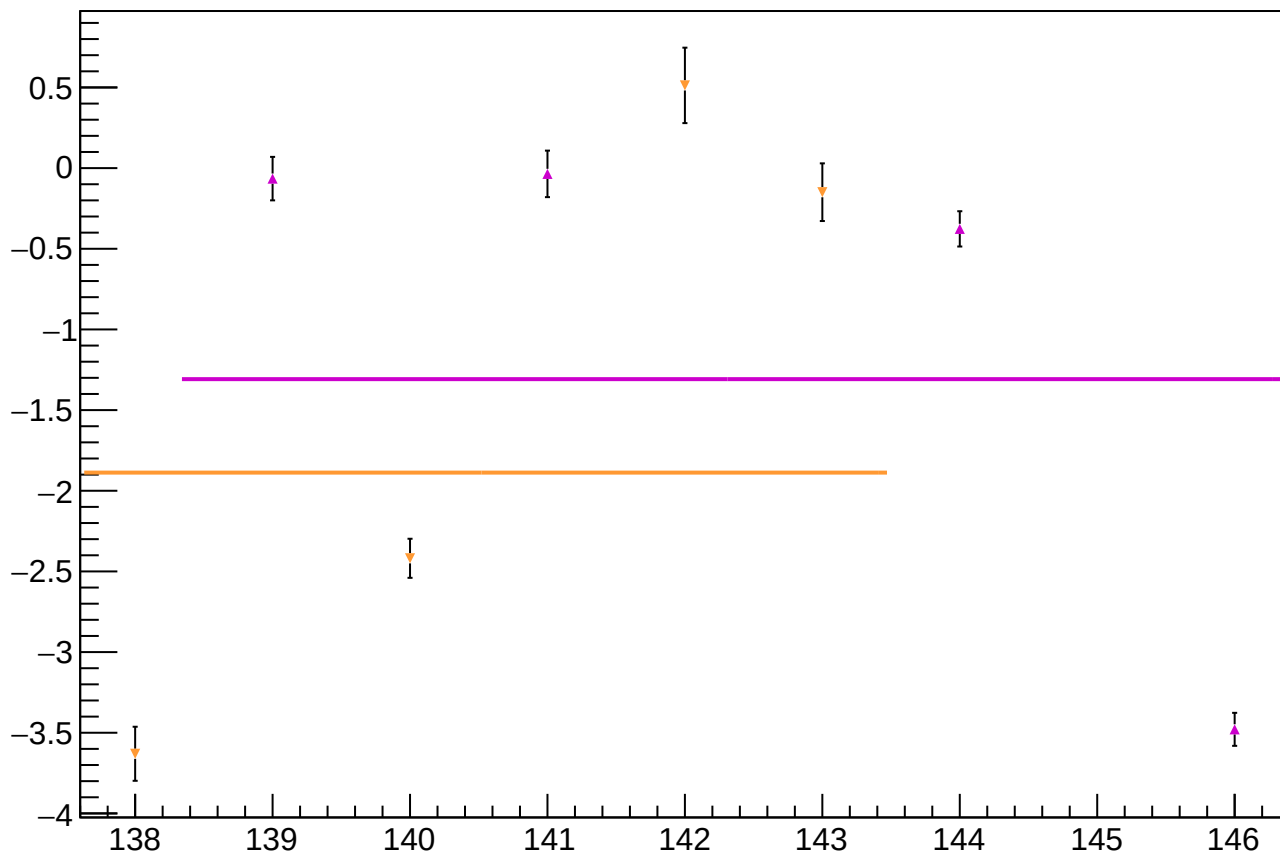
Left In: 0.194+/-0.008 χ^2/NDF : 68.2/3

-0.243+/-0.010 χ^2/NDF : 15.1/3

0.033+/-0.006 χ^2/NDF : 1331.8/7

0.194+/-0.008 χ^2/NDF : 68.2/3

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.887+/-0.081 χ^2/NDF : 327.4/3

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

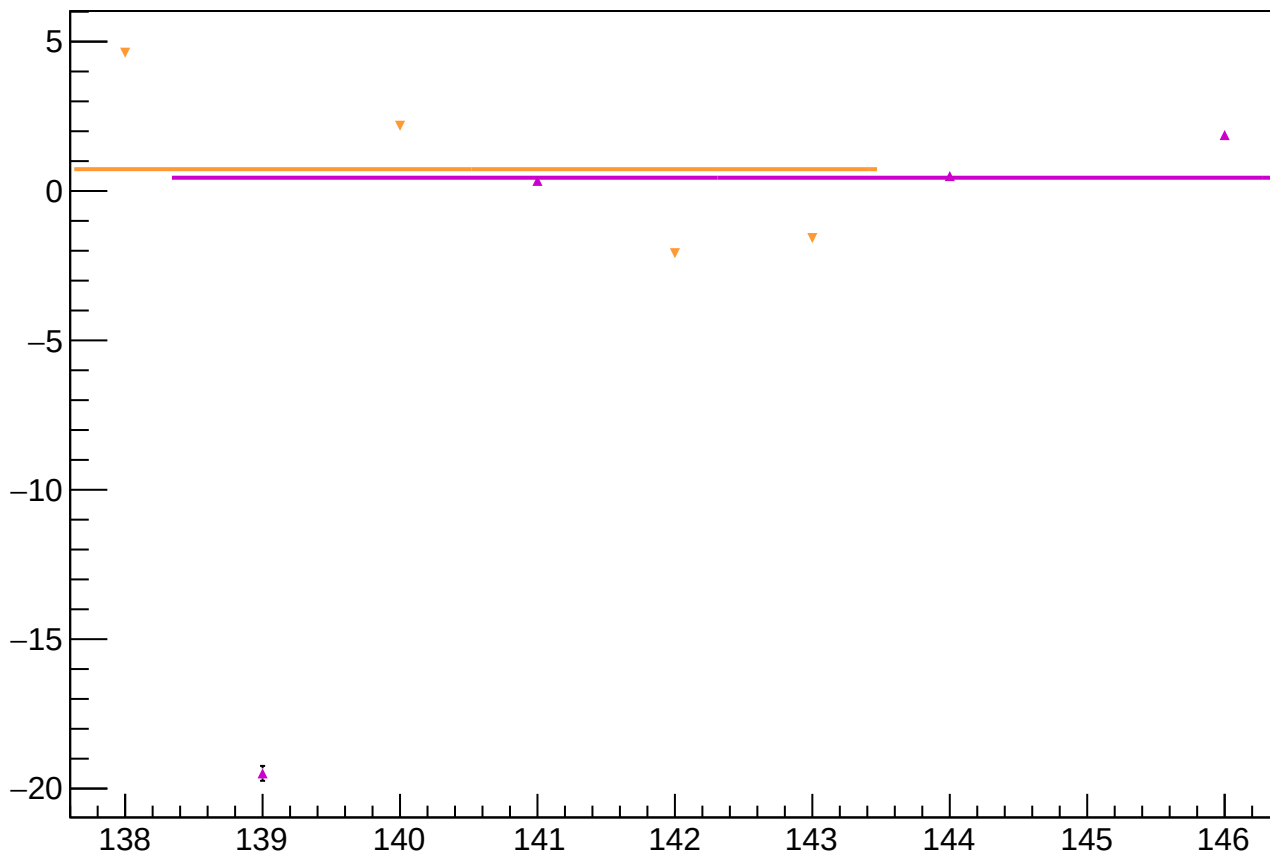
Left In: -1.308+/-0.060 χ^2/NDF : 685.9/3

-1.887+/-0.081 χ^2/NDF : 327.4/3

-1.512+/-0.048 χ^2/NDF : 1046.7/7

-1.308+/-0.060 χ^2/NDF : 685.9/3

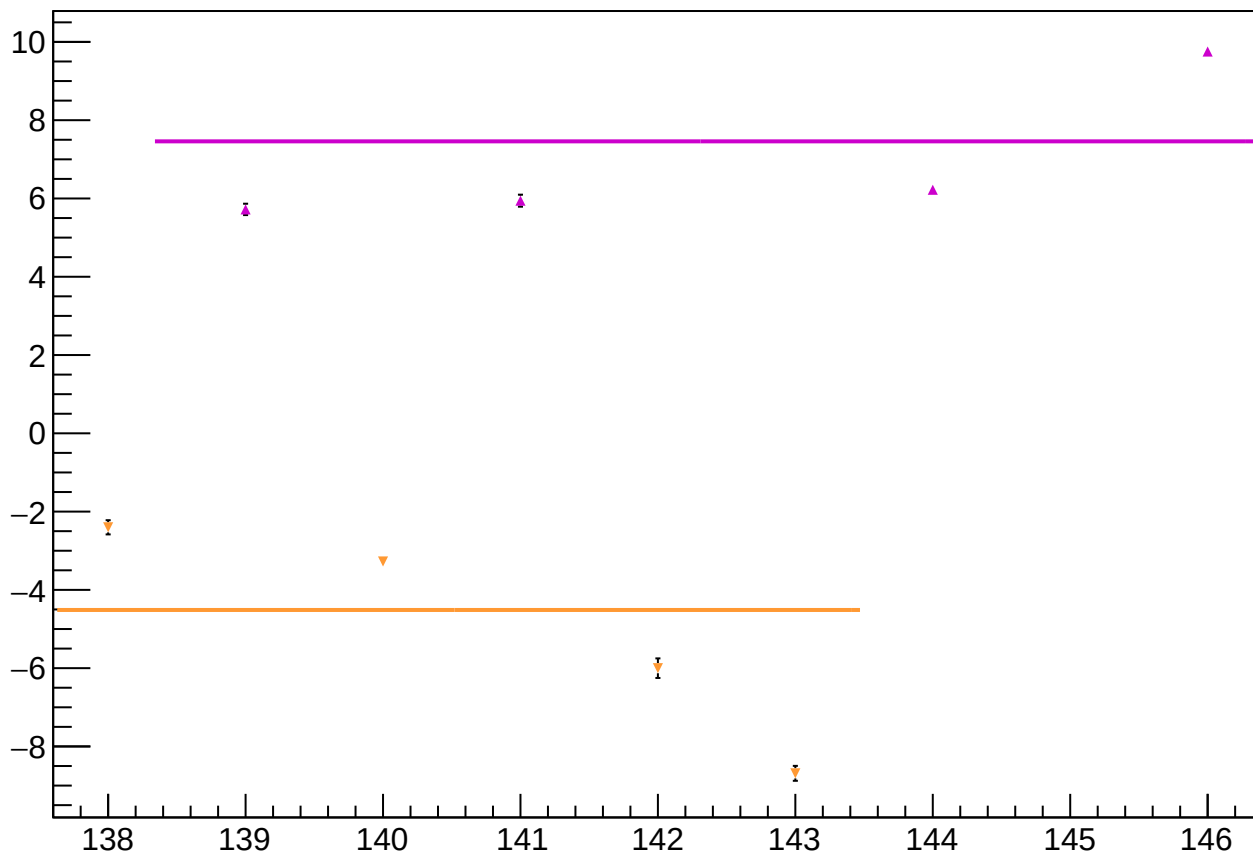
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.730+/-0.064 χ^2/NDF : 1454.3/3
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.444+/-0.045 χ^2/NDF : 6861.1/3

0.730+/-0.064 χ^2/NDF : 1454.3/3
 0.539+/-0.037 χ^2/NDF : 8328.8/7
 0.444+/-0.045 χ^2/NDF : 6861.1/3

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -4.513+/-0.086 χ^2/NDF : 741.4/3

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

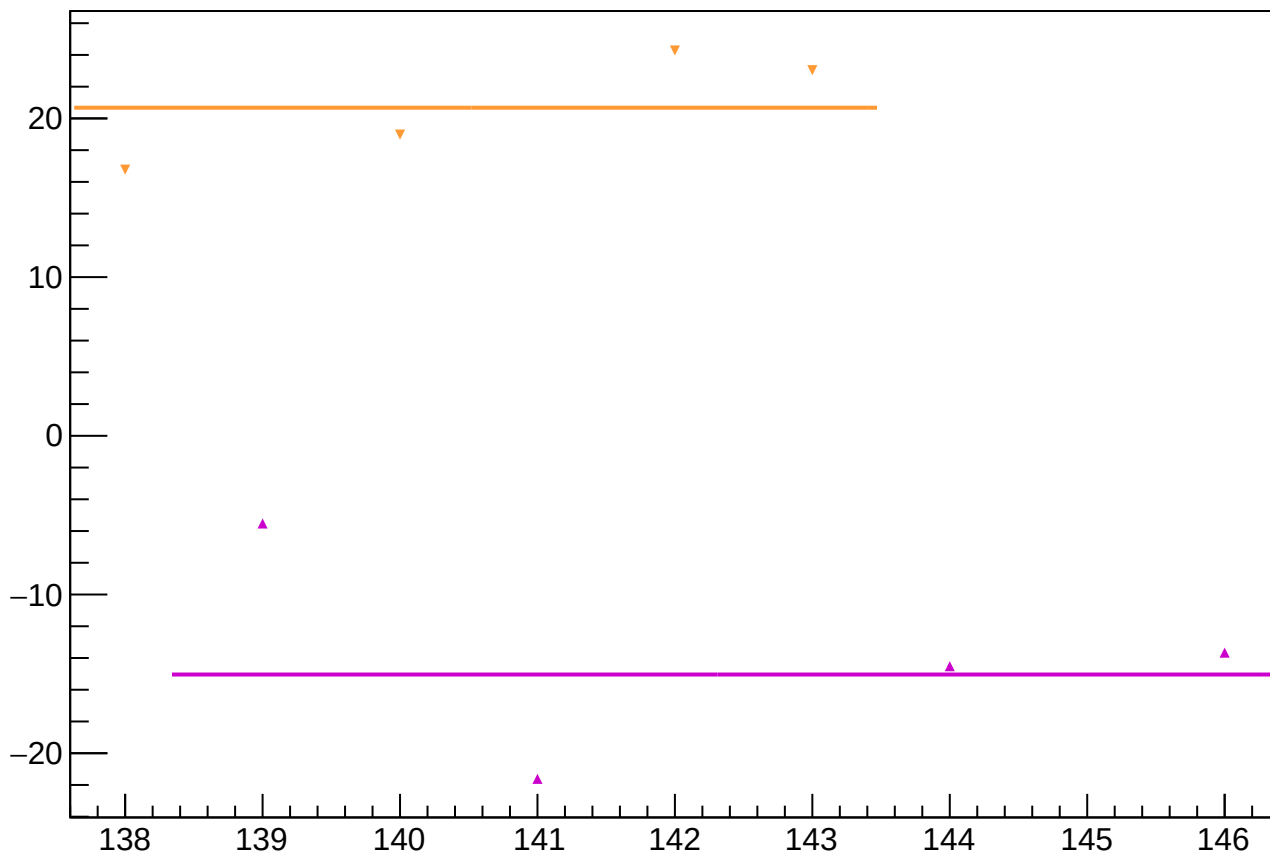
Left In: 7.459+/-0.061 χ^2/NDF : 895.0/3

-4.513+/-0.086 χ^2/NDF : 741.4/3

3.449+/-0.050 χ^2/NDF : 14392.4/7

7.459+/-0.061 χ^2/NDF : 895.0/3

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 20.675+/-0.076 χ^2/NDF : 1265.4/3

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

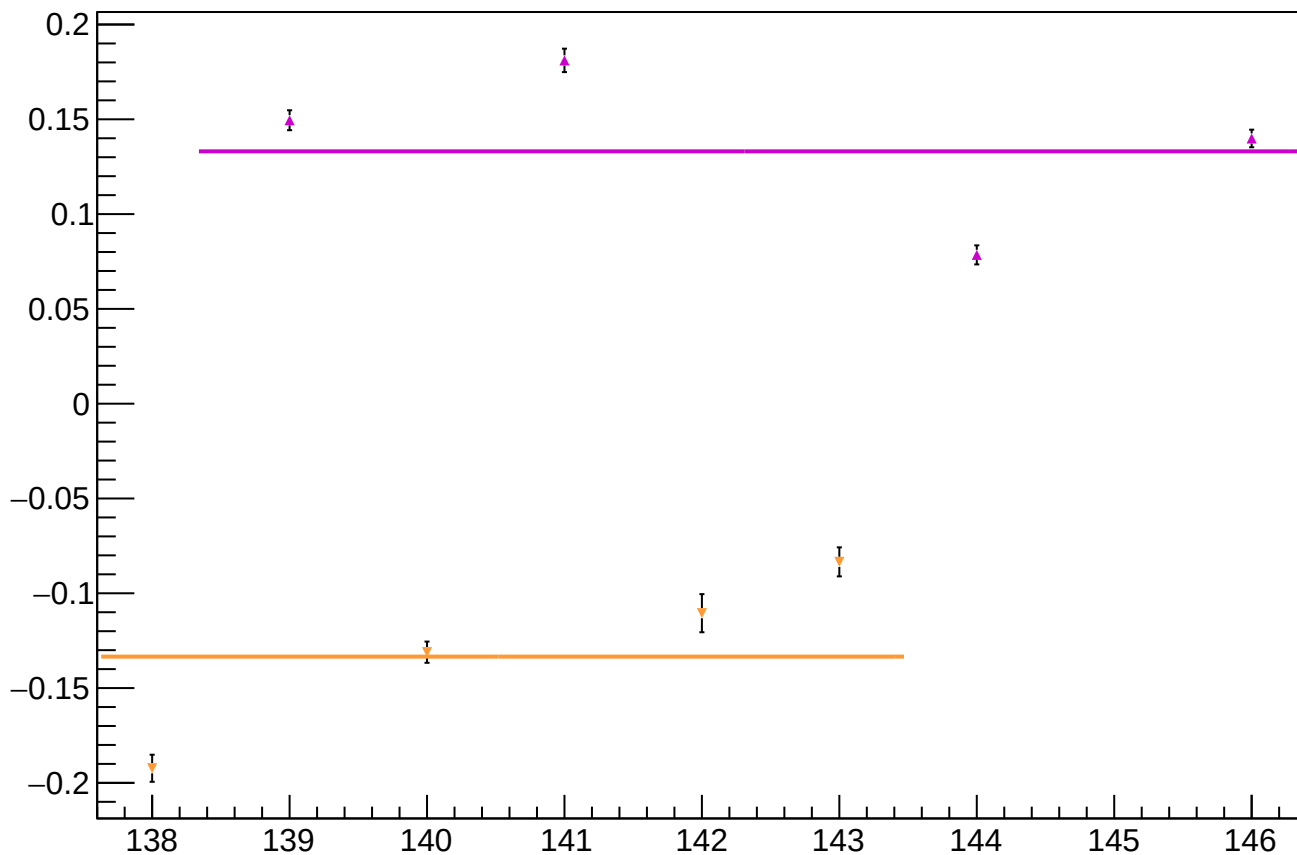
Left In: -15.041+/-0.054 χ^2/NDF : 4698.2/3

20.675+/-0.076 χ^2/NDF : 1265.4/3

-3.174+/-0.044 χ^2/NDF : 152642.8/7

-15.041+/-0.054 χ^2/NDF : 4698.2/3

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: -0.133+/-0.004 χ^2/NDF : 116.0/3

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

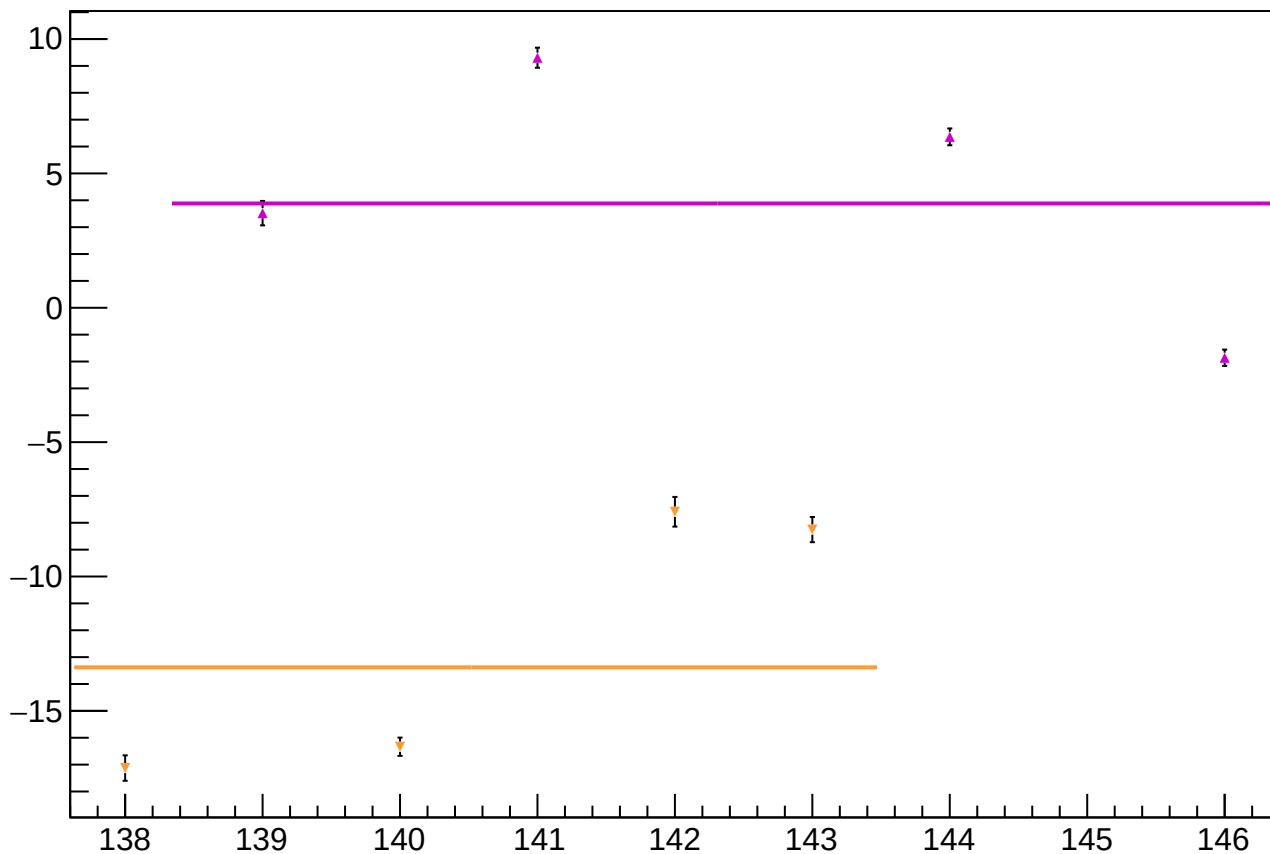
Left In: 0.133+/-0.003 χ^2/NDF : 190.4/3

-0.133+/-0.004 χ^2/NDF : 116.0/3

0.041+/-0.002 χ^2/NDF : 3954.1/7

0.133+/-0.003 χ^2/NDF : 190.4/3

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.381+/-0.219 χ^2/NDF : 367.3/3

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

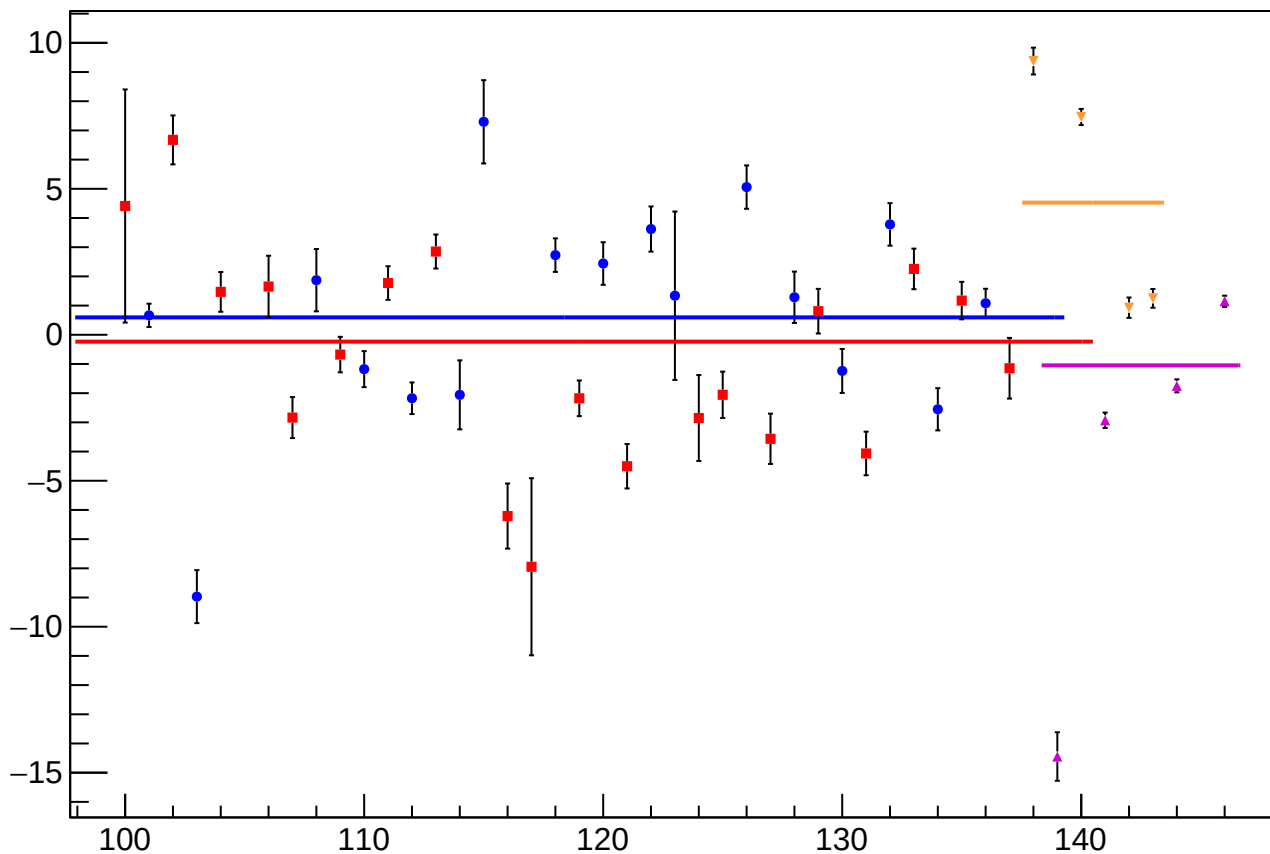
Left In: 3.881+/-0.174 χ^2/NDF : 632.0/3

-13.381+/-0.219 χ^2/NDF : 367.3/3

-2.809+/-0.136 χ^2/NDF : 4818.3/7

3.881+/-0.174 χ^2/NDF : 632.0/3

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: 4.527 ± 0.167 χ^2/NDF : 434.9/3

Right Out: -0.235 ± 0.174 χ^2/NDF : 280.0/19

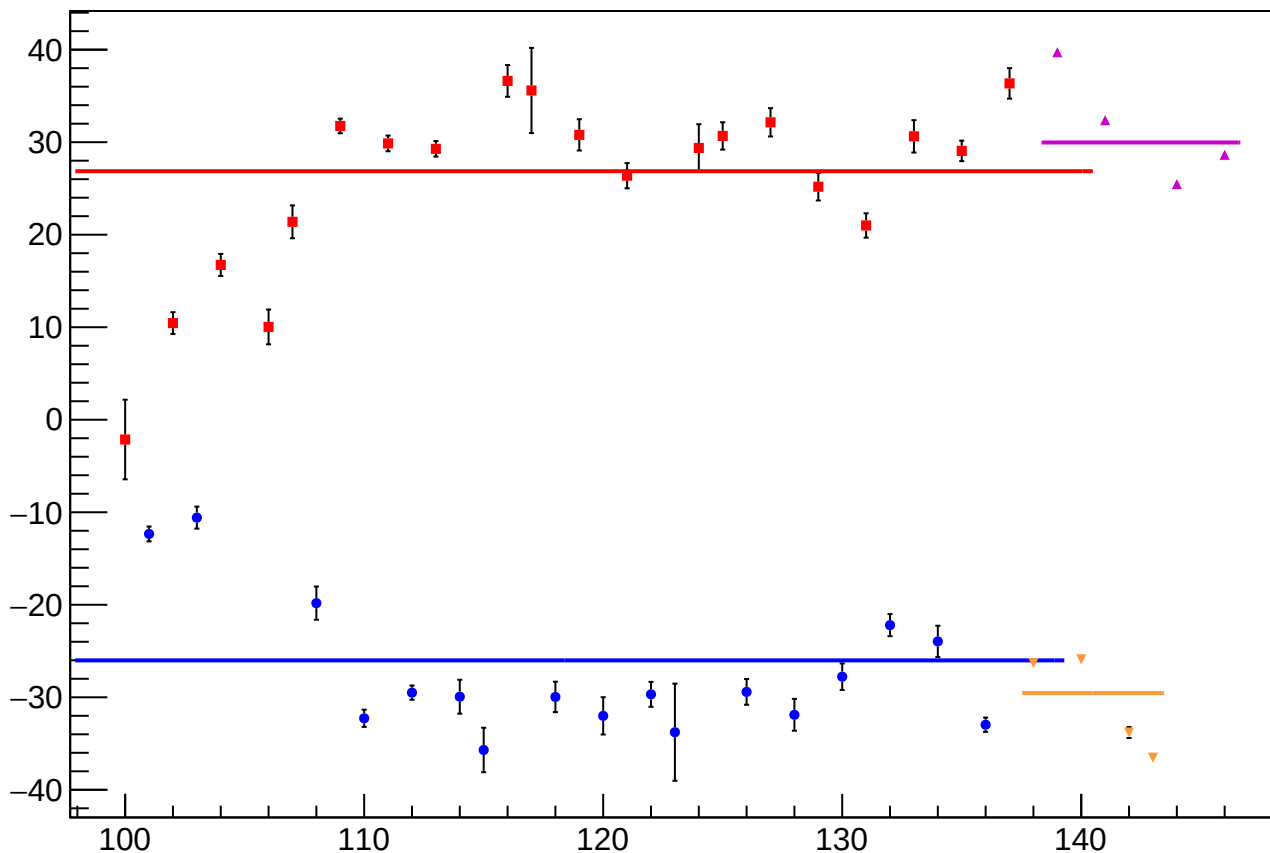
Left In: -1.048 ± 0.126 χ^2/NDF : 452.0/3

2.582 ± 0.119 χ^2/NDF : 999.5/20

0.653 ± 0.077 χ^2/NDF : 2203.4/44

-0.769 ± 0.102 χ^2/NDF : 746.3/23

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: -29.542 ± 0.234 χ^2/NDF : 388.0/3

Right Out: 26.866 ± 0.297 χ^2/NDF : 585.2/19

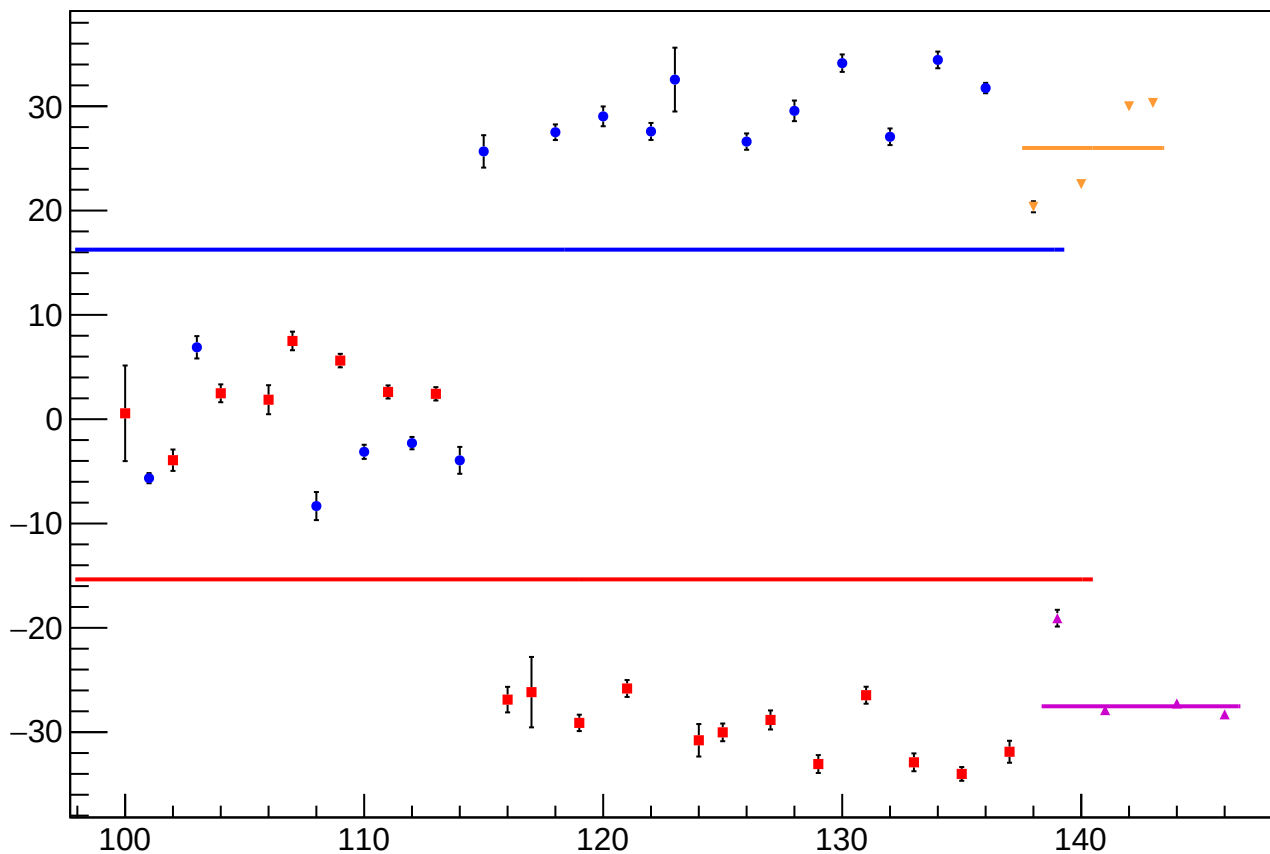
Left In: 29.970 ± 0.179 χ^2/NDF : 631.7/3

-28.205 ± 0.184 χ^2/NDF : 1167.1/20

5.673 ± 0.118 χ^2/NDF : 59612.0/44

29.140 ± 0.153 χ^2/NDF : 1297.0/23

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253 $\pm$ 0.191 χ^2/NDF : 7611.3/16

Left Out: 26.001 $\pm$ 0.201 χ^2/NDF : 434.1/3

Right Out: -15.355 $\pm$ 0.197 χ^2/NDF : 7290.4/19

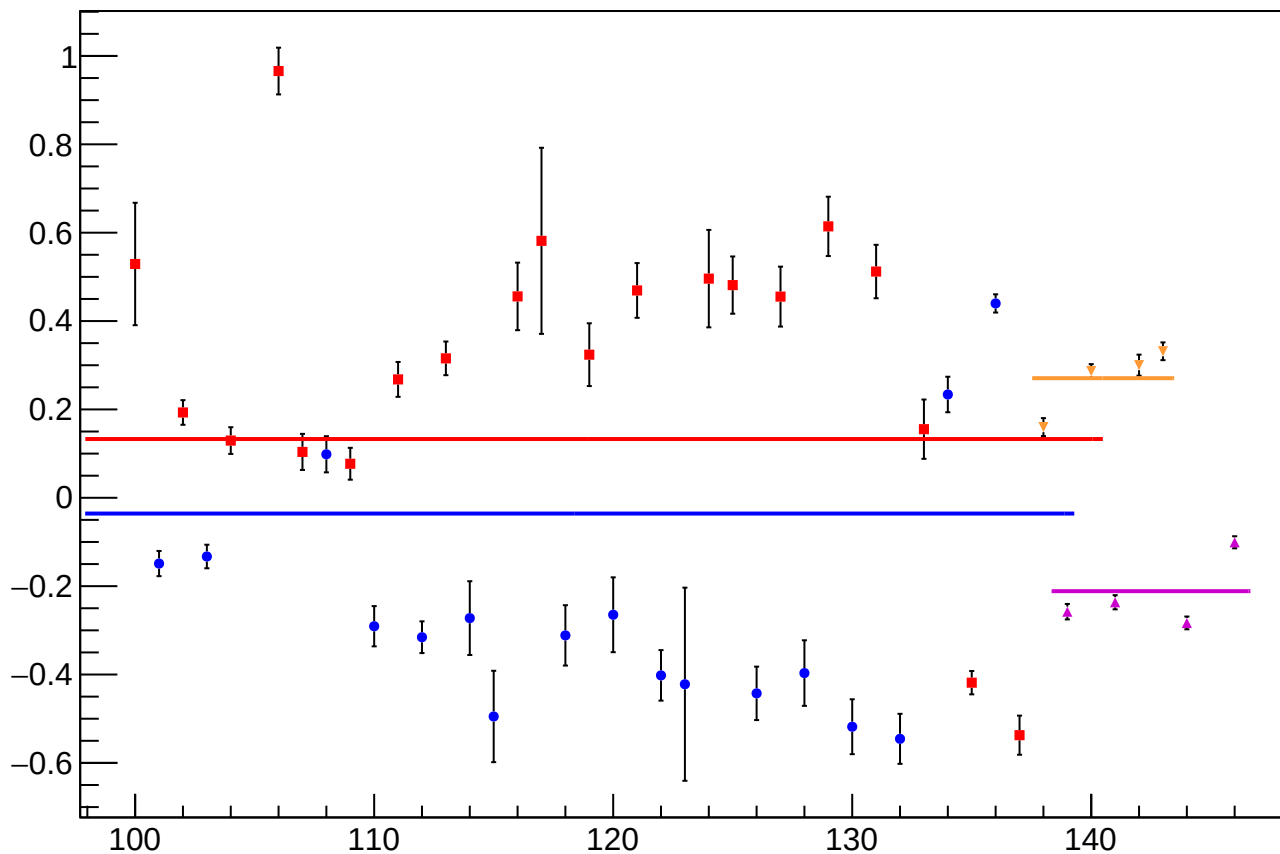
Left In: -27.520 $\pm$ 0.152 χ^2/NDF : 123.8/3

20.884 $\pm$ 0.138 χ^2/NDF : 9282.6/20

-4.074 $\pm$ 0.091 χ^2/NDF : 76221.5/44

-22.961 $\pm$ 0.120 χ^2/NDF : 9806.8/23

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: 0.271+/-0.010 χ^2/NDF : 41.4/3

Right Out: 0.133+/-0.010 χ^2/NDF : 1175.8/19

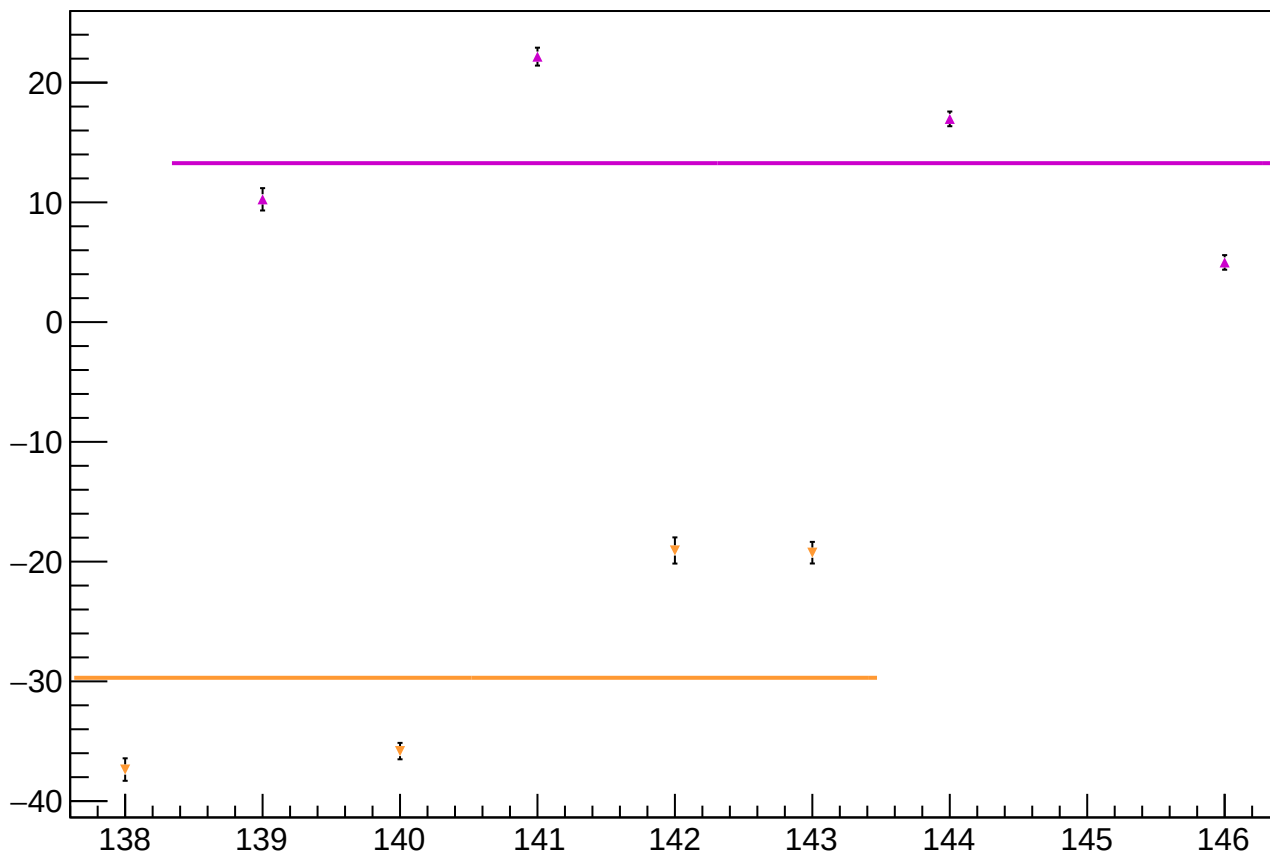
Left In: -0.211+/-0.008 χ^2/NDF : 99.7/3

0.127+/-0.007 χ^2/NDF : 1525.6/20

0.003+/-0.005 χ^2/NDF : 4063.1/44

-0.090+/-0.006 χ^2/NDF : 1994.2/23

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -29.701+/-0.433 χ^2/NDF : 375.2/3

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

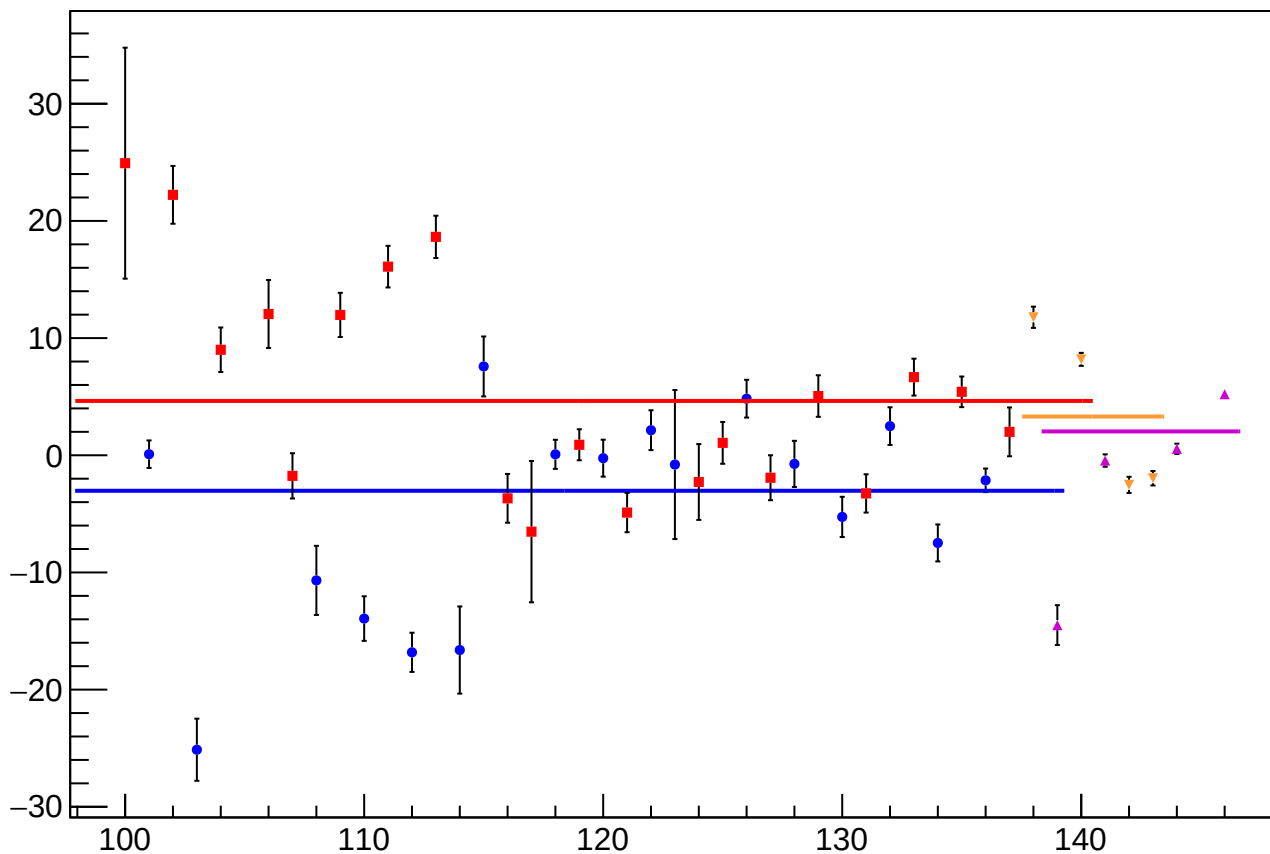
Left In: 13.273+/-0.348 χ^2/NDF : 372.3/3

-29.701+/-0.433 χ^2/NDF : 375.2/3

-3.573+/-0.271 χ^2/NDF : 6733.9/7

13.273+/-0.348 χ^2/NDF : 372.3/3

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: 3.308 ± 0.330 χ^2/NDF : 308.9/3

Right Out: 4.638 ± 0.426 χ^2/NDF : 301.7/19

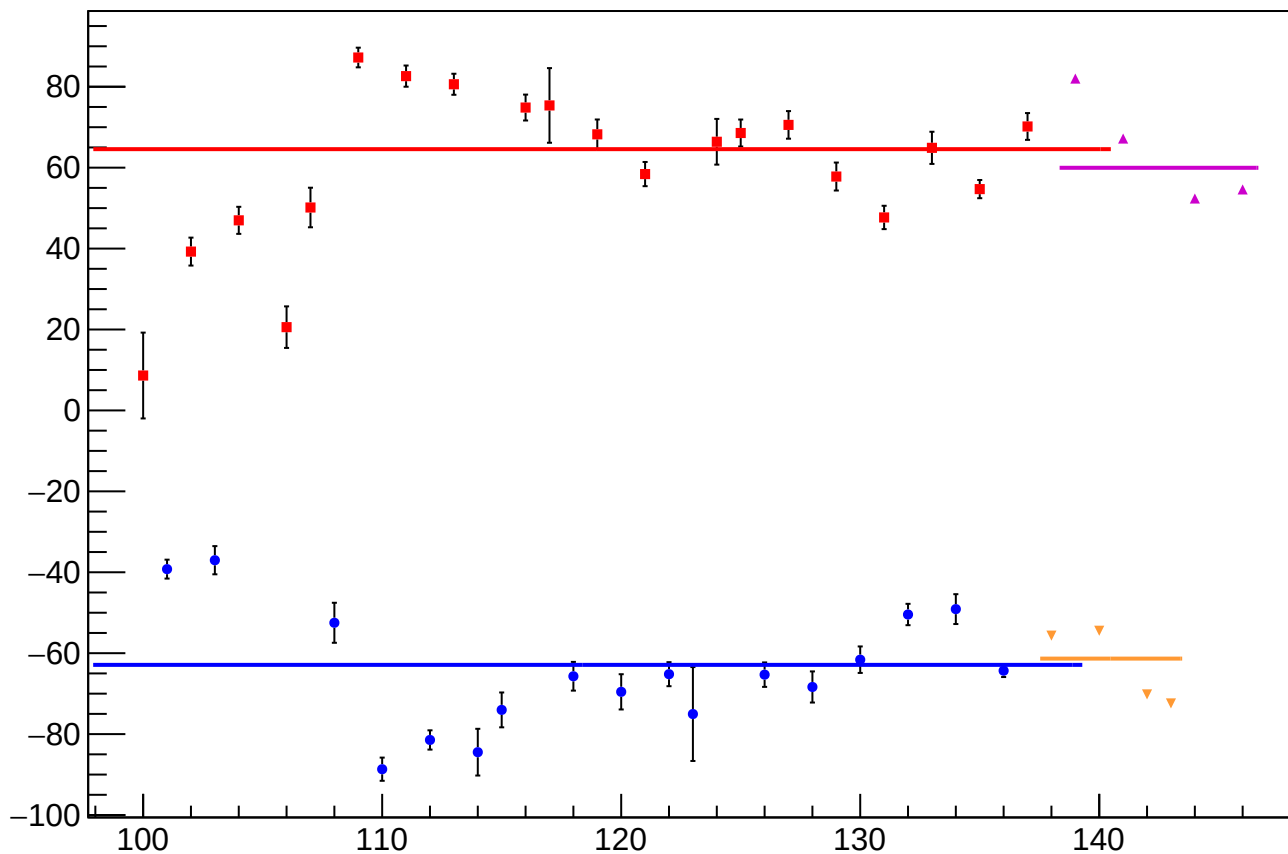
Left In: 2.034 ± 0.249 χ^2/NDF : 198.5/3

0.800 ± 0.256 χ^2/NDF : 735.9/20

1.915 ± 0.165 χ^2/NDF : 1296.1/44

2.698 ± 0.215 χ^2/NDF : 528.1/23

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: -61.338 ± 0.463 χ^2/NDF : 309.9/3

Right Out: 64.574 ± 0.749 χ^2/NDF : 445.5/19

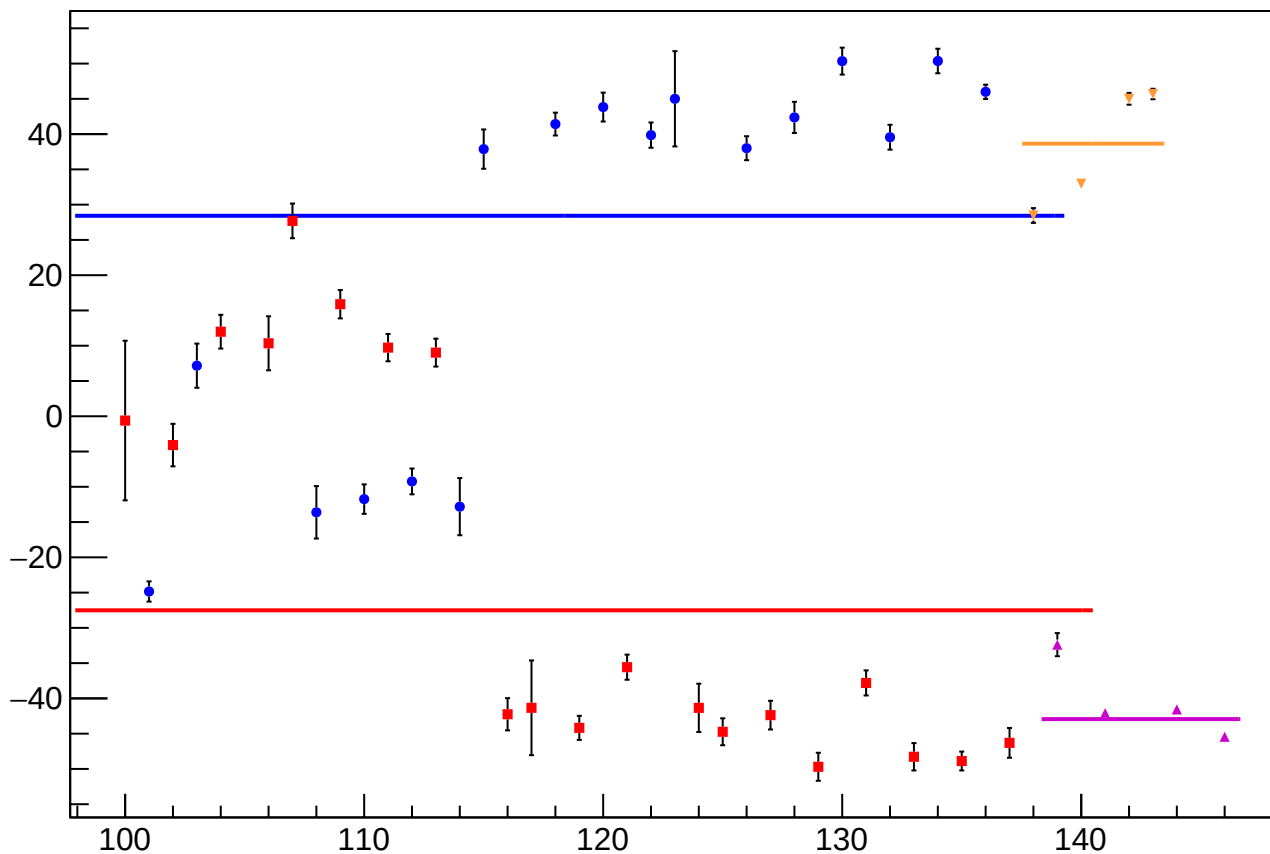
Left In: 59.969 ± 0.359 χ^2/NDF : 777.0/3

-61.776 ± 0.392 χ^2/NDF : 681.8/20

11.251 ± 0.250 χ^2/NDF : 60062.6/44

60.828 ± 0.323 χ^2/NDF : 1253.2/23

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425+/-0.457 χ^2/NDF : 3330.3/16

Left Out: 38.644+/-0.396 χ^2/NDF : 313.5/3

Right Out: -27.512+/-0.477 χ^2/NDF : 3037.3/19

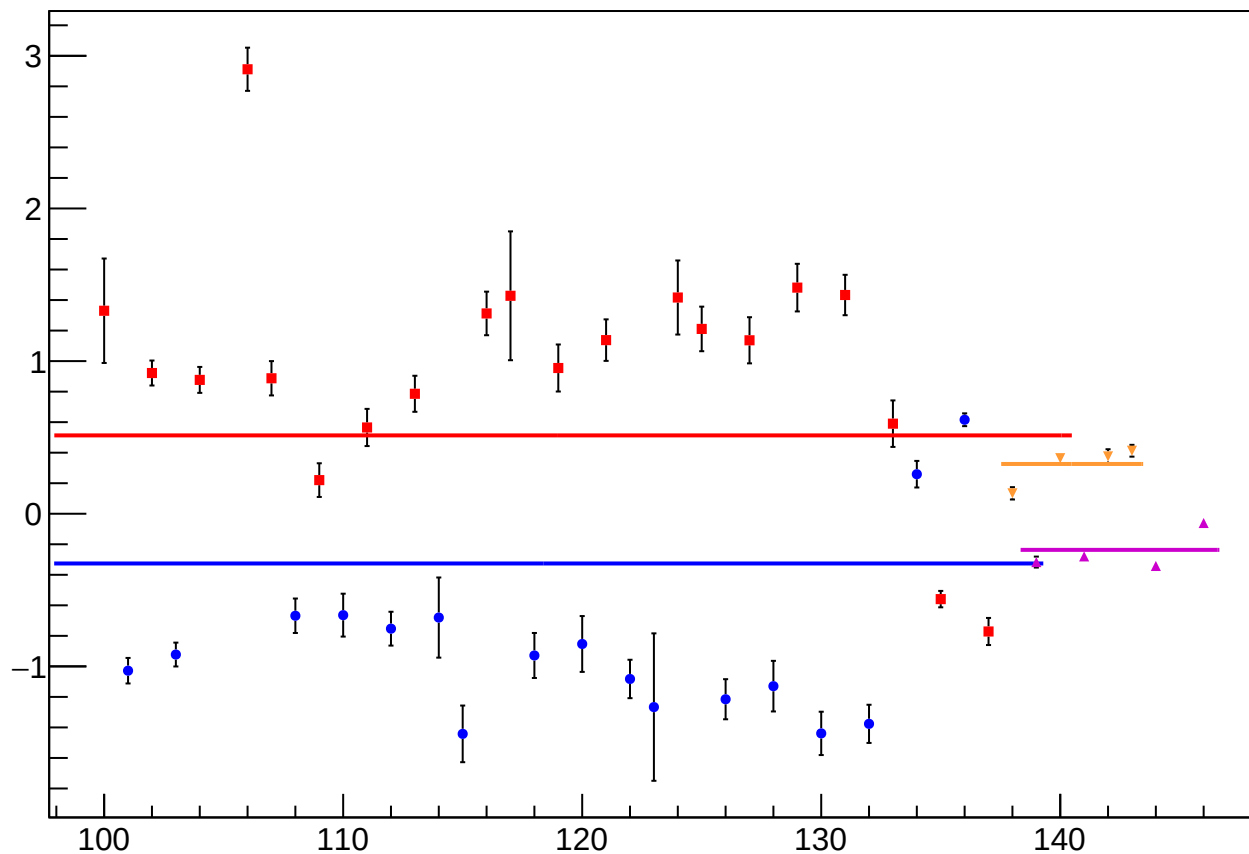
Left In: -42.935+/-0.302 χ^2/NDF : 77.8/3

34.259+/-0.299 χ^2/NDF : 3929.1/20

-7.873+/-0.194 χ^2/NDF : 41996.2/44

-38.522+/-0.255 χ^2/NDF : 3860.1/23

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: 0.326 ± 0.019 $\chi^2/\text{NDF}: 30.2/3$

Right Out: 0.513 ± 0.026 $\chi^2/\text{NDF}: 1174.1/19$

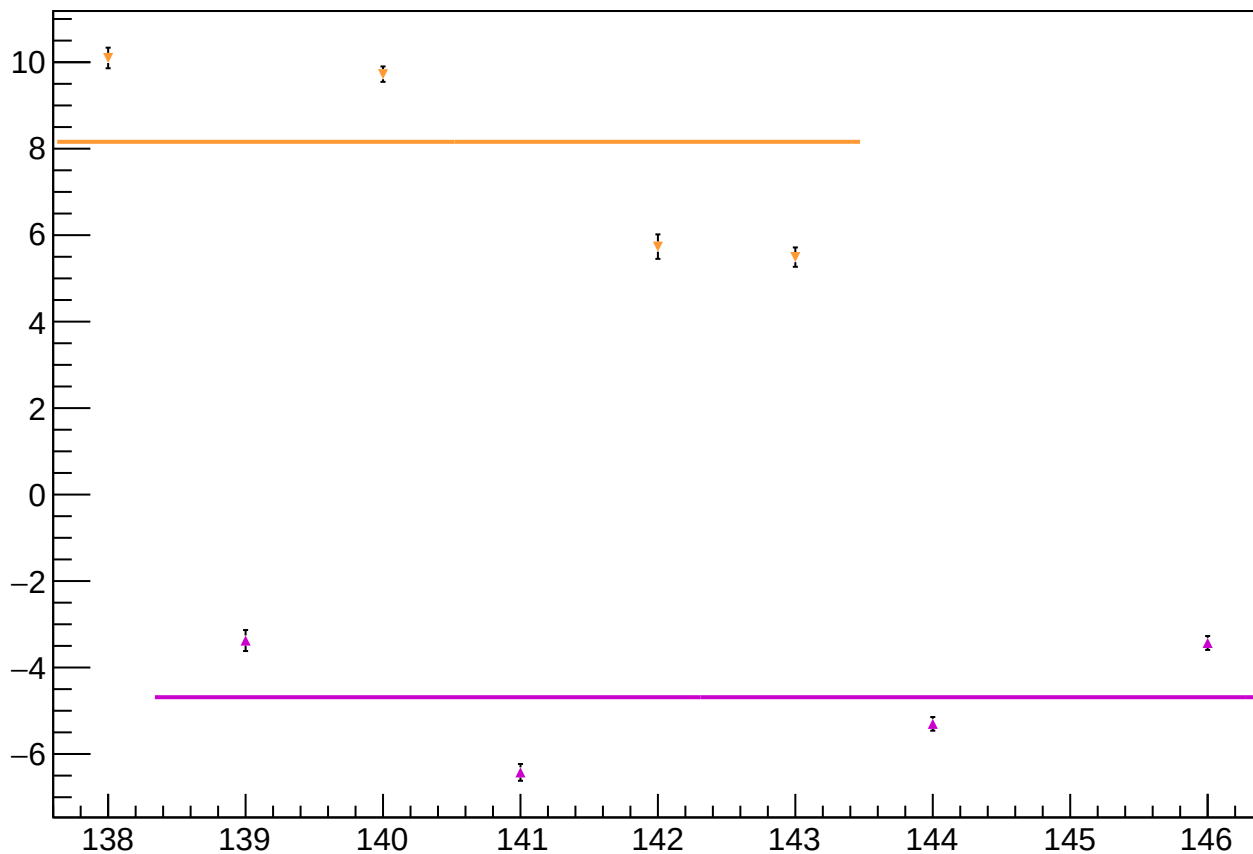
Left In: -0.237 ± 0.015 $\chi^2/\text{NDF}: 61.7/3$

0.084 ± 0.015 $\chi^2/\text{NDF}: 1473.9/20$

0.012 ± 0.010 $\chi^2/\text{NDF}: 3380.4/44$

-0.041 ± 0.013 $\chi^2/\text{NDF}: 1867.7/23$

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 8.159+/-0.111 χ^2/NDF : 358.8/3

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

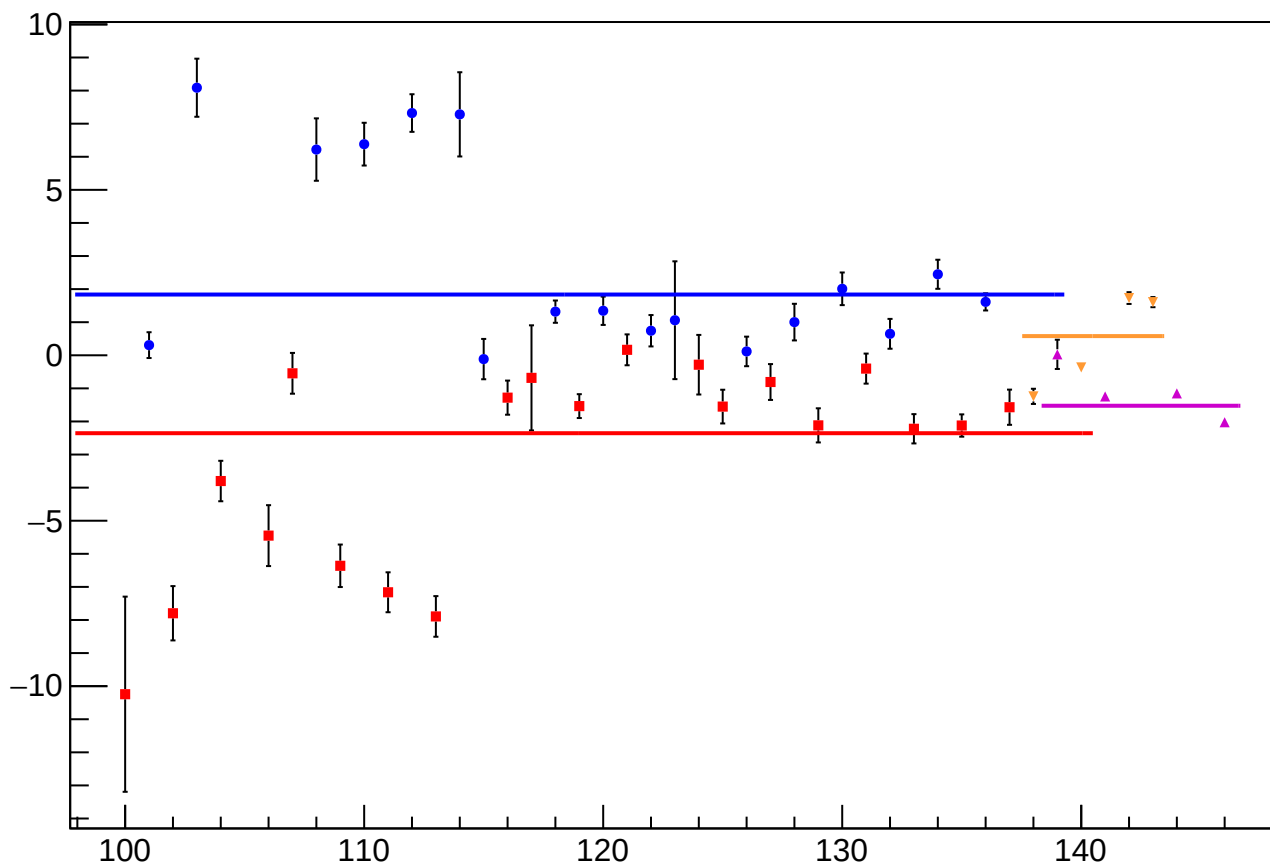
Left In: -4.687+/-0.091 χ^2/NDF : 184.9/3

8.159+/-0.111 χ^2/NDF : 358.8/3

0.468+/-0.070 χ^2/NDF : 8607.3/7

-4.687+/-0.091 χ^2/NDF : 184.9/3

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: 0.580+/-0.084 χ^2/NDF : 192.6/3

Right Out: -2.355+/-0.122 χ^2/NDF : 337.5/19

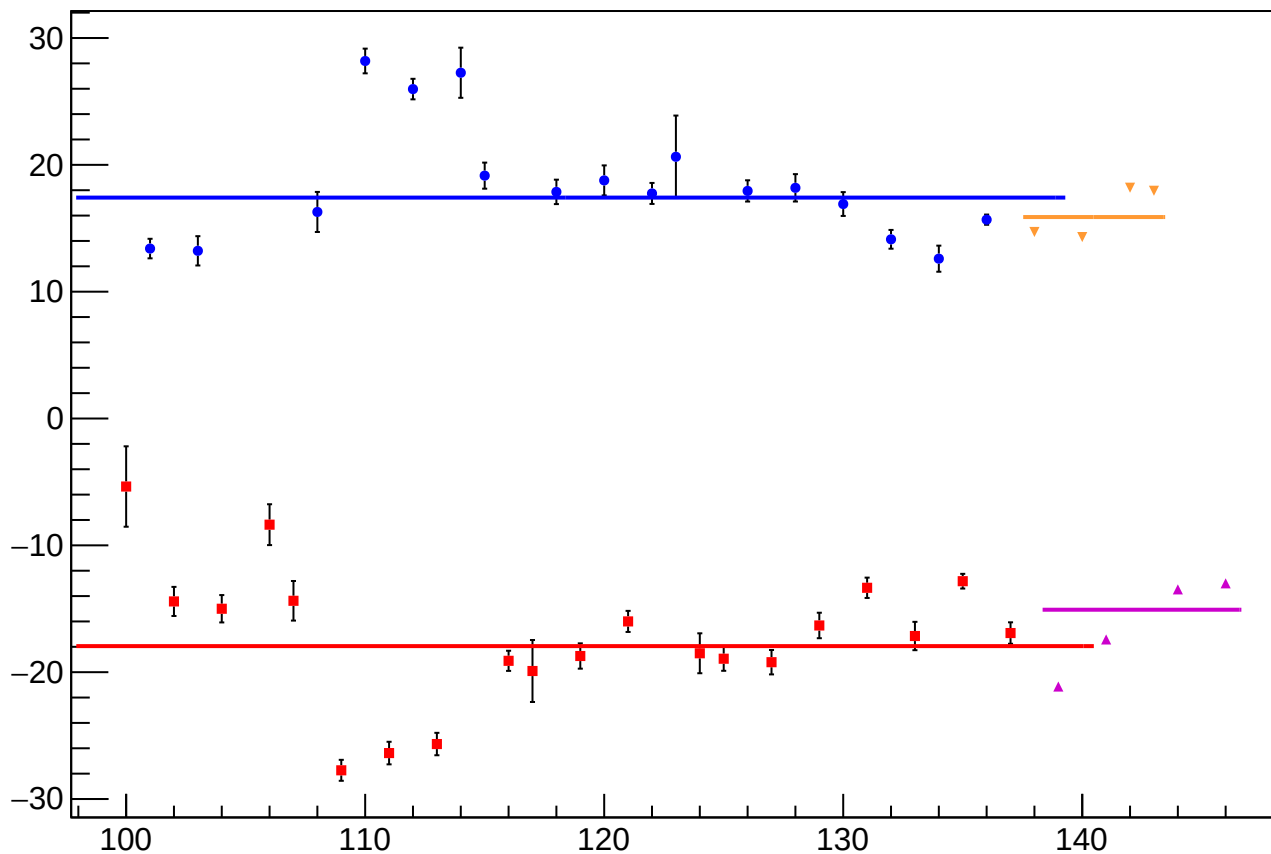
Left In: -1.525+/-0.064 χ^2/NDF : 53.4/3

1.013+/-0.068 χ^2/NDF : 564.2/20

-0.586+/-0.044 χ^2/NDF : 1927.6/44

-1.705+/-0.057 χ^2/NDF : 427.0/23

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.418 $\pm$ 0.212 χ^2/NDF : 366.8/16

Left Out: 15.884 $\pm$ 0.118 χ^2/NDF : 223.7/3

Right Out: -17.945 $\pm$ 0.218 χ^2/NDF : 507.0/19

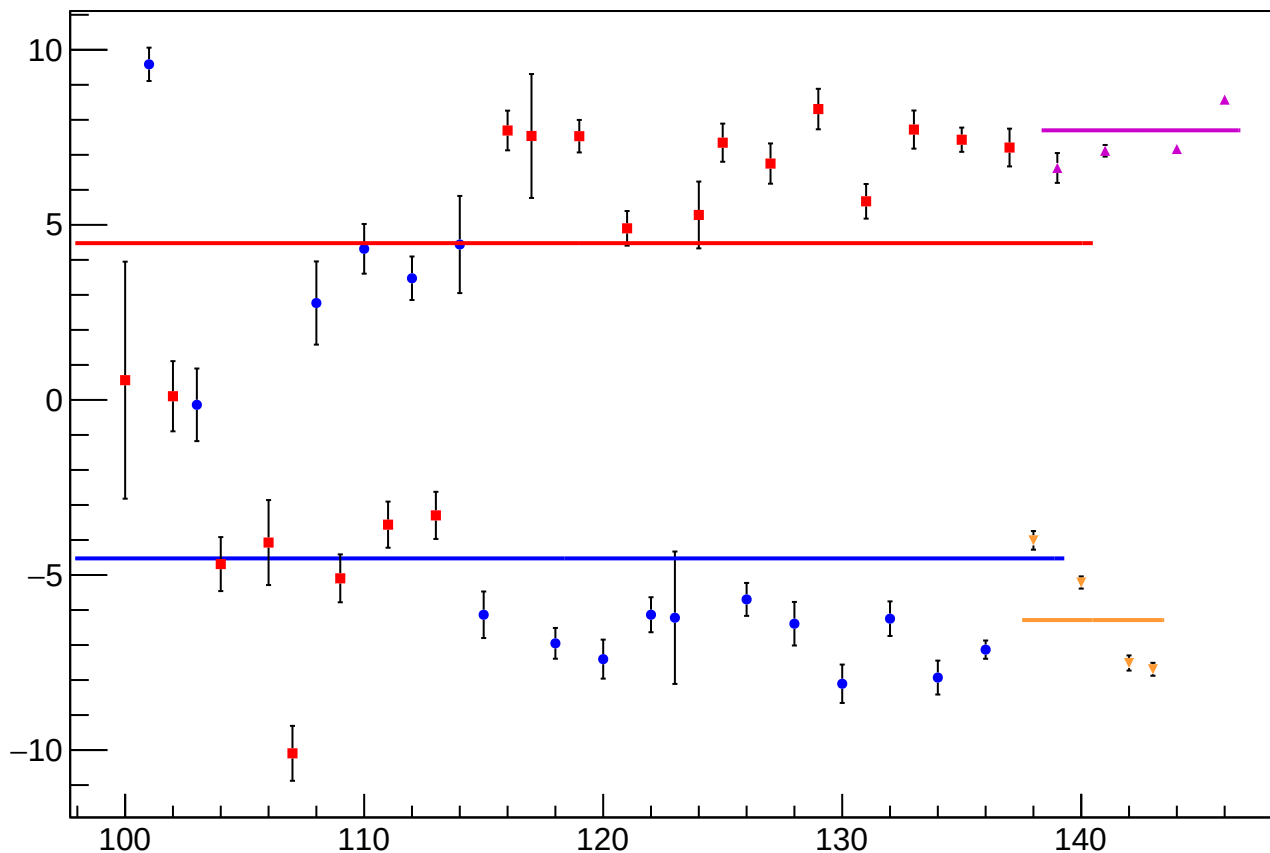
Left In: -15.076 $\pm$ 0.093 χ^2/NDF : 930.9/3

16.250 $\pm$ 0.103 χ^2/NDF : 630.5/20

-2.540 $\pm$ 0.066 χ^2/NDF : 58080.6/44

-15.521 $\pm$ 0.086 χ^2/NDF : 1584.1/23

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: -6.288+/-0.101 χ^2/NDF : 201.5/3

Right Out: 4.478+/-0.137 χ^2/NDF : 1341.9/19

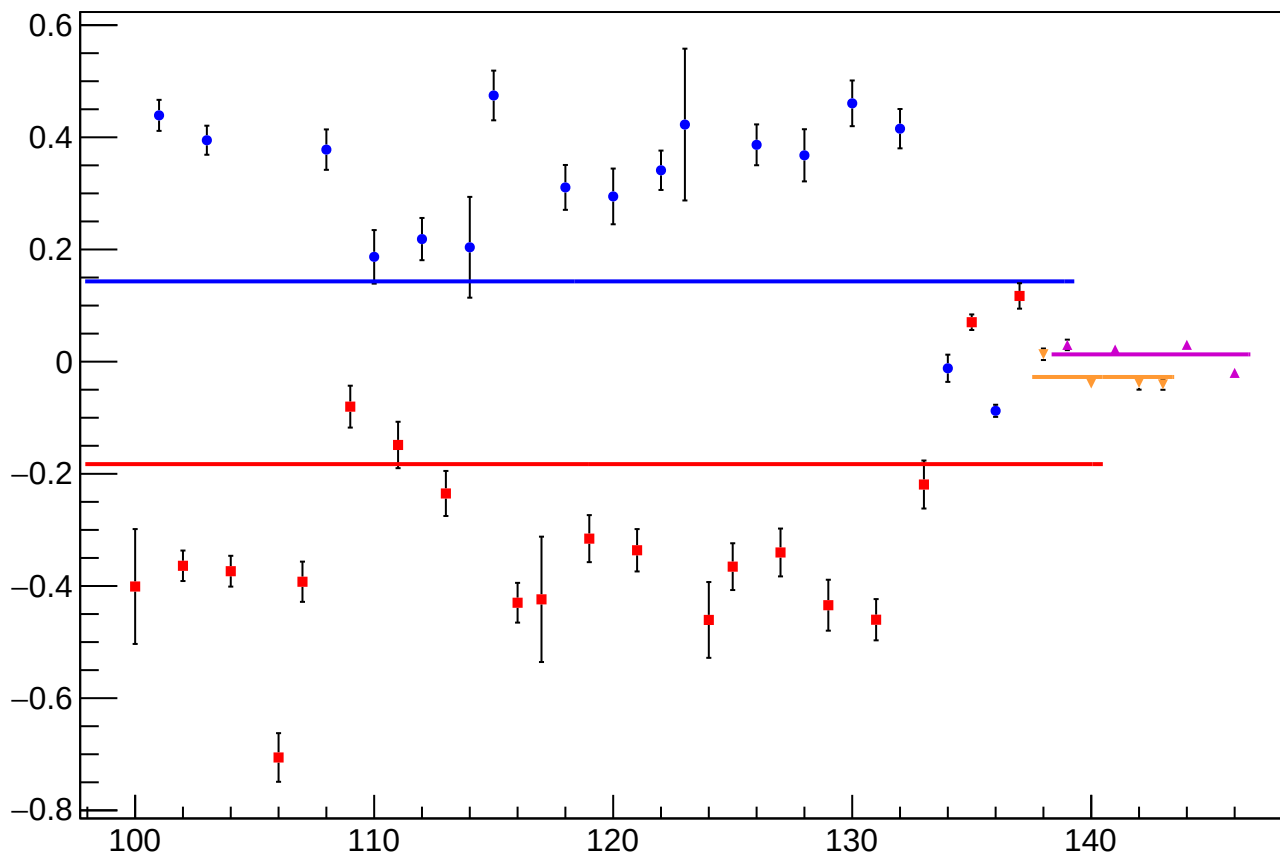
Left In: 7.700+/-0.078 χ^2/NDF : 84.5/3

-5.621+/-0.080 χ^2/NDF : 1906.6/20

1.622+/-0.052 χ^2/NDF : 18028.0/44

6.900+/-0.068 χ^2/NDF : 1845.1/23

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143+/-0.007 χ^2/NDF : 1060.4/16

Left Out: -0.027+/-0.005 χ^2/NDF : 20.2/3

Right Out: -0.183+/-0.007 χ^2/NDF : 1012.5/19

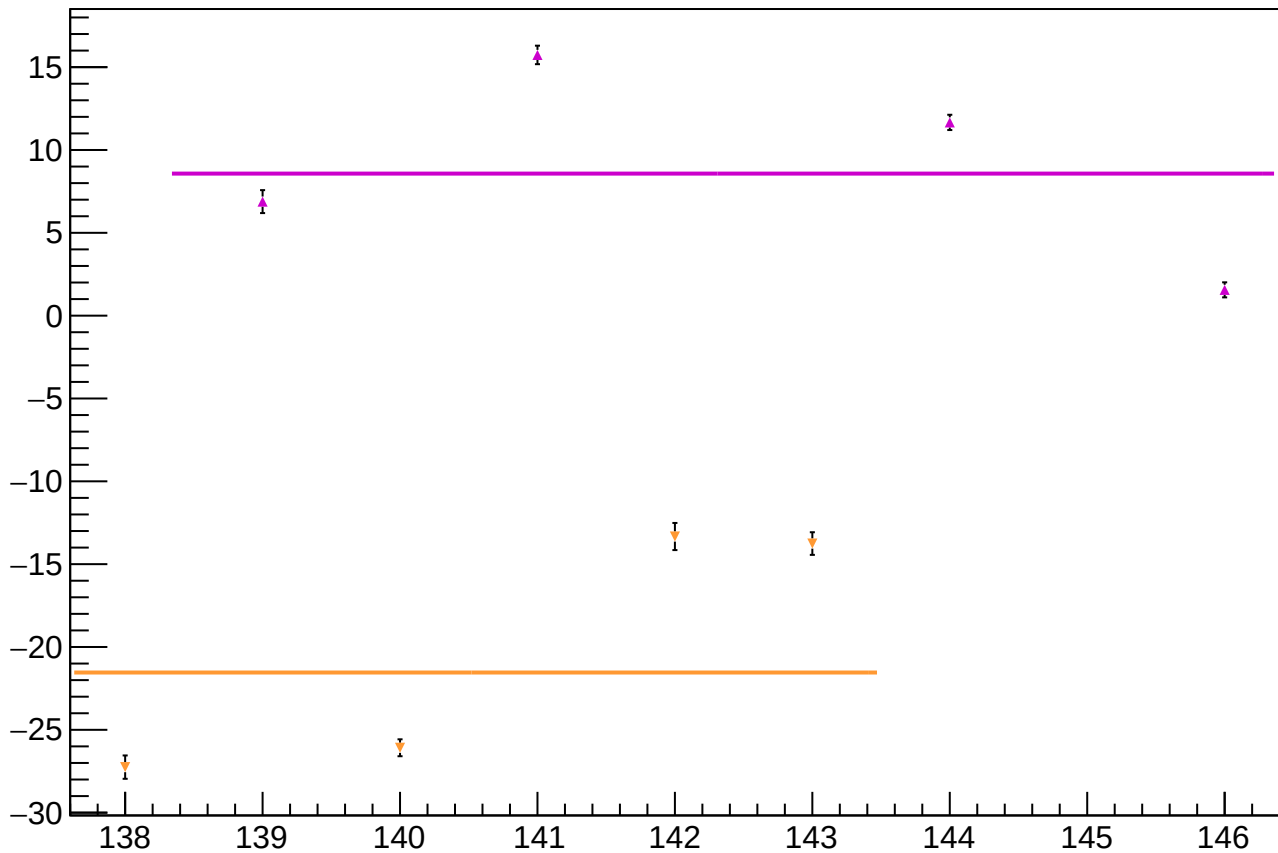
Left In: 0.013+/-0.004 χ^2/NDF : 30.6/3

0.028+/-0.004 χ^2/NDF : 1474.8/20

-0.006+/-0.003 χ^2/NDF : 3187.6/44

-0.031+/-0.003 χ^2/NDF : 1589.7/23

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -21.541+/-0.325 χ^2/NDF : 375.3/3

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

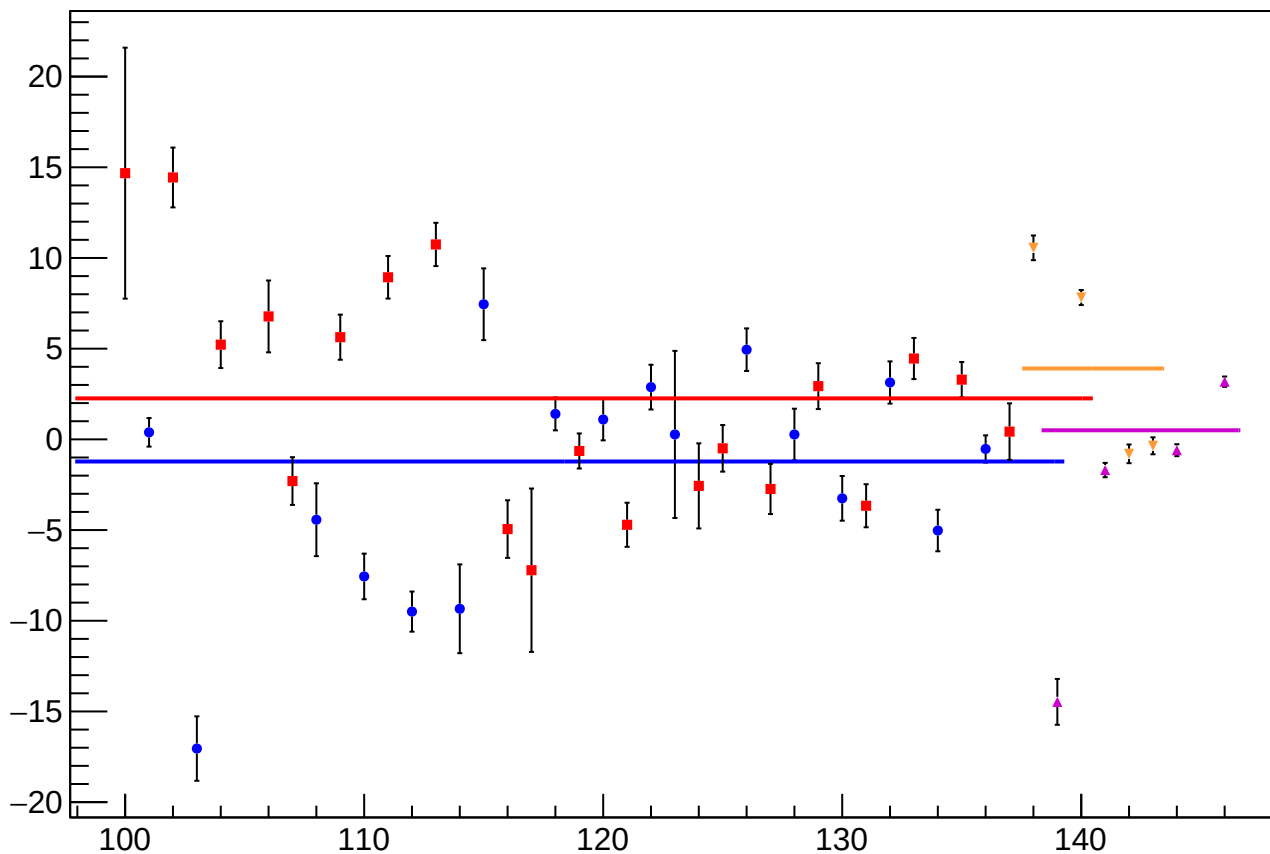
Left In: 8.575+/-0.260 χ^2/NDF : 453.8/3

-21.541+/-0.325 χ^2/NDF : 375.3/3

-3.169+/-0.203 χ^2/NDF : 6077.1/7

8.575+/-0.260 χ^2/NDF : 453.8/3

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.220 ± 0.290 $\chi^2/\text{NDF}: 278.6/16$

Left Out: 3.907 ± 0.248 $\chi^2/\text{NDF}: 350.9/3$

Right Out: 2.259 ± 0.302 $\chi^2/\text{NDF}: 290.7/19$

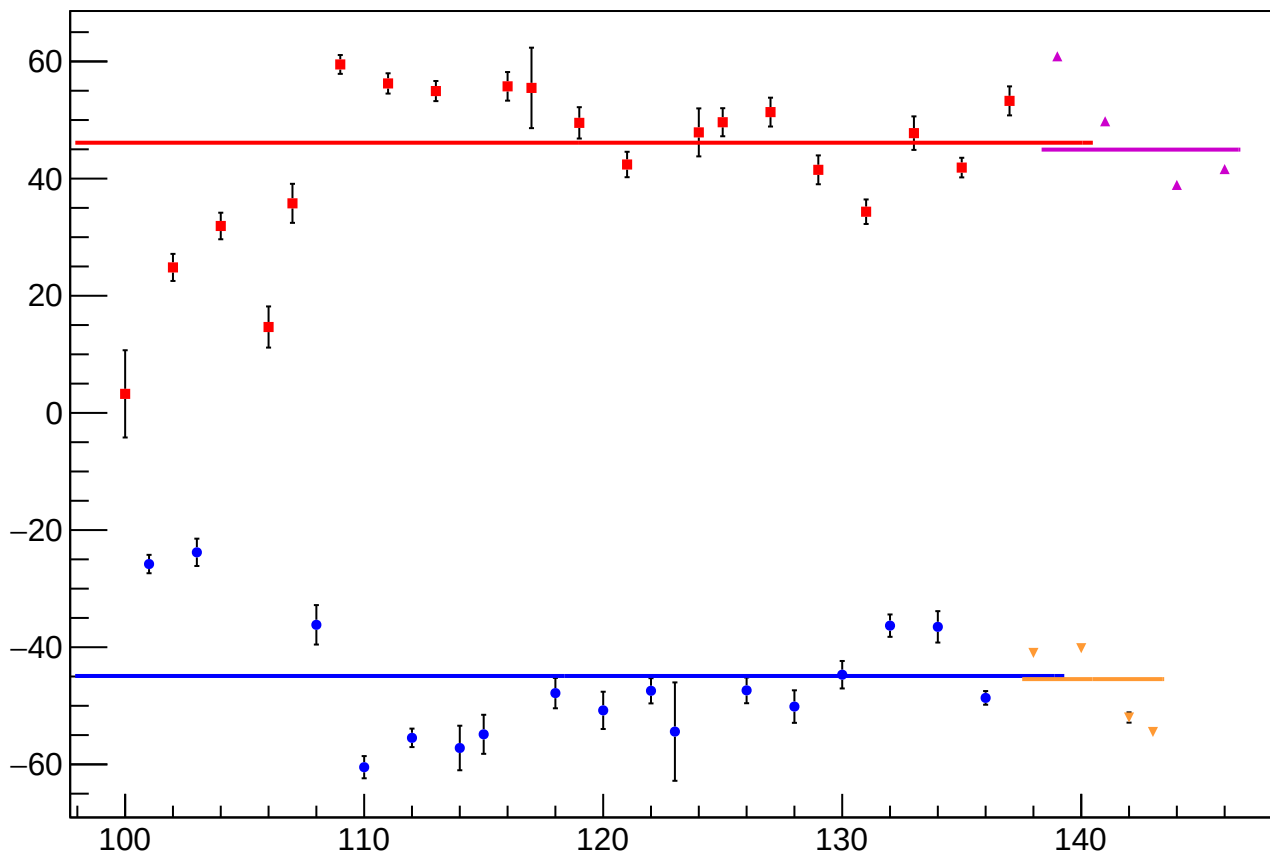
Left In: 0.501 ± 0.186 $\chi^2/\text{NDF}: 271.8/3$

1.745 ± 0.188 $\chi^2/\text{NDF}: 810.3/20$

1.301 ± 0.121 $\chi^2/\text{NDF}: 1406.8/44$

0.987 ± 0.159 $\chi^2/\text{NDF}: 587.1/23$

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: -45.444 ± 0.347 χ^2/NDF : 337.6/3

Right Out: 46.126 ± 0.527 χ^2/NDF : 455.9/19

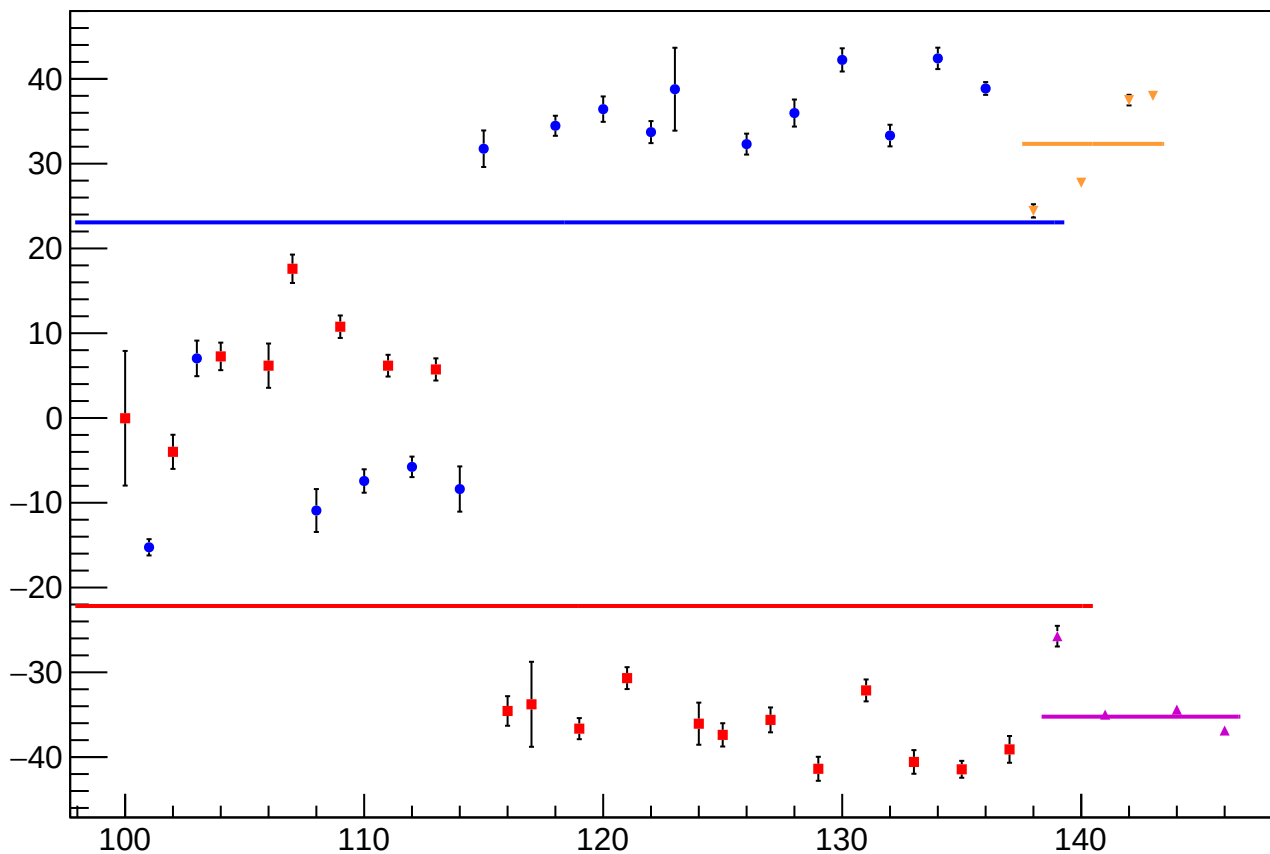
Left In: 44.948 ± 0.268 χ^2/NDF : 726.0/3

-45.280 ± 0.289 χ^2/NDF : 759.5/20

8.573 ± 0.184 χ^2/NDF : 60144.7/44

45.190 ± 0.239 χ^2/NDF : 1185.8/23

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: 32.334+/-0.297 χ^2/NDF : 353.7/3

Right Out: -22.175+/-0.339 χ^2/NDF : 4039.8/19

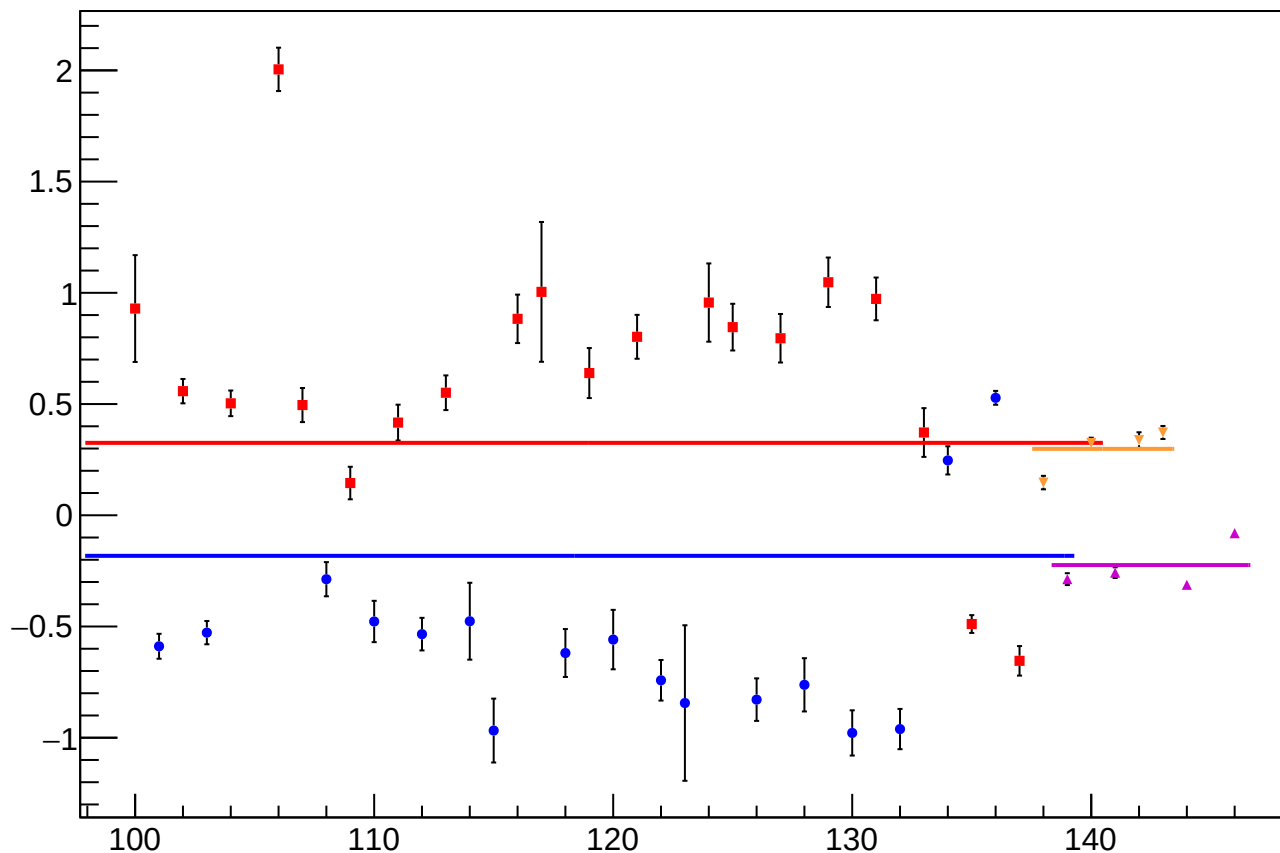
Left In: -35.231+/-0.226 χ^2/NDF : 86.6/3

28.128+/-0.220 χ^2/NDF : 5140.2/20

-6.112+/-0.143 χ^2/NDF : 52384.3/44

-31.213+/-0.188 χ^2/NDF : 5152.4/23

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: 0.299 ± 0.014 χ^2/NDF : 33.9/3

Right Out: 0.326 ± 0.018 χ^2/NDF : 1189.1/19

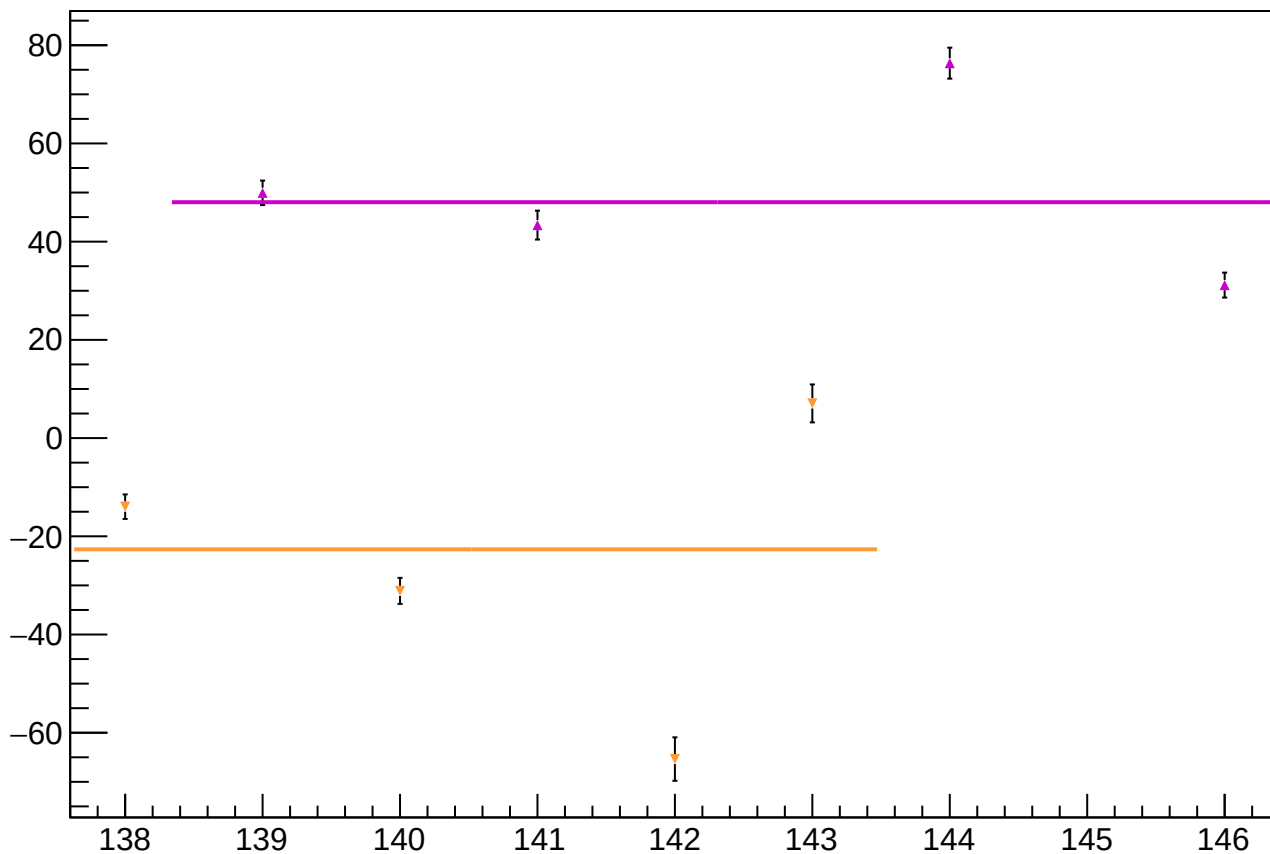
Left In: -0.224 ± 0.011 χ^2/NDF : 74.0/3

0.108 ± 0.011 χ^2/NDF : 1476.1/20

0.007 ± 0.007 χ^2/NDF : 3542.2/44

-0.069 ± 0.010 χ^2/NDF : 1922.3/23

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -22.654+/-1.542 χ^2/NDF :174.5/3

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

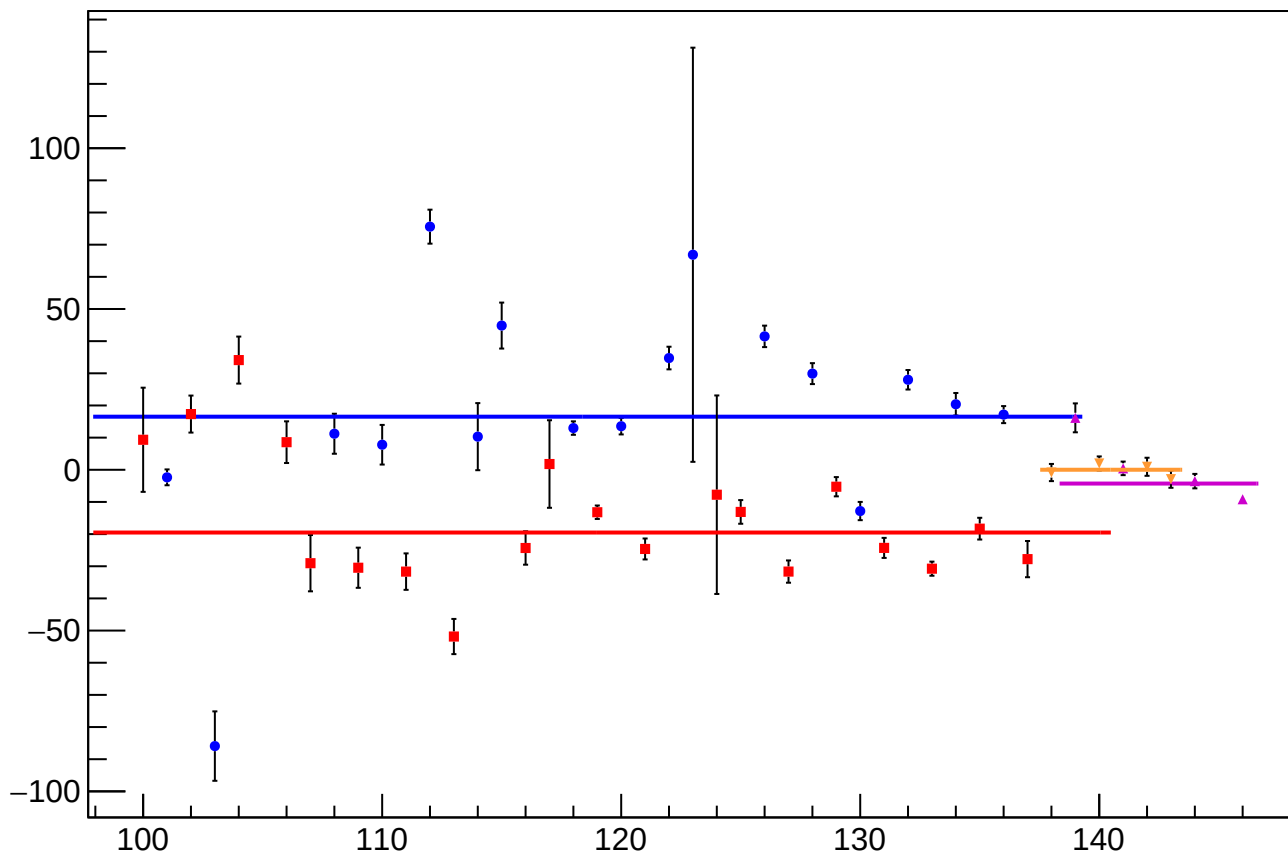
Left In: 48.031+/-1.371 χ^2/NDF :128.0/3

-22.654+/-1.542 χ^2/NDF : 174.5/3

16.842+/-1.025 χ^2/NDF : 1476.0/7

48.031+/-1.371 χ^2/NDF : 128.0/3

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512 ± 0.847 $\chi^2/\text{NDF}: 519.6/16$

Left Out: 0.011 ± 1.276 $\chi^2/\text{NDF}: 2.2/3$

Right Out: -19.512 ± 0.896 $\chi^2/\text{NDF}: 244.4/19$

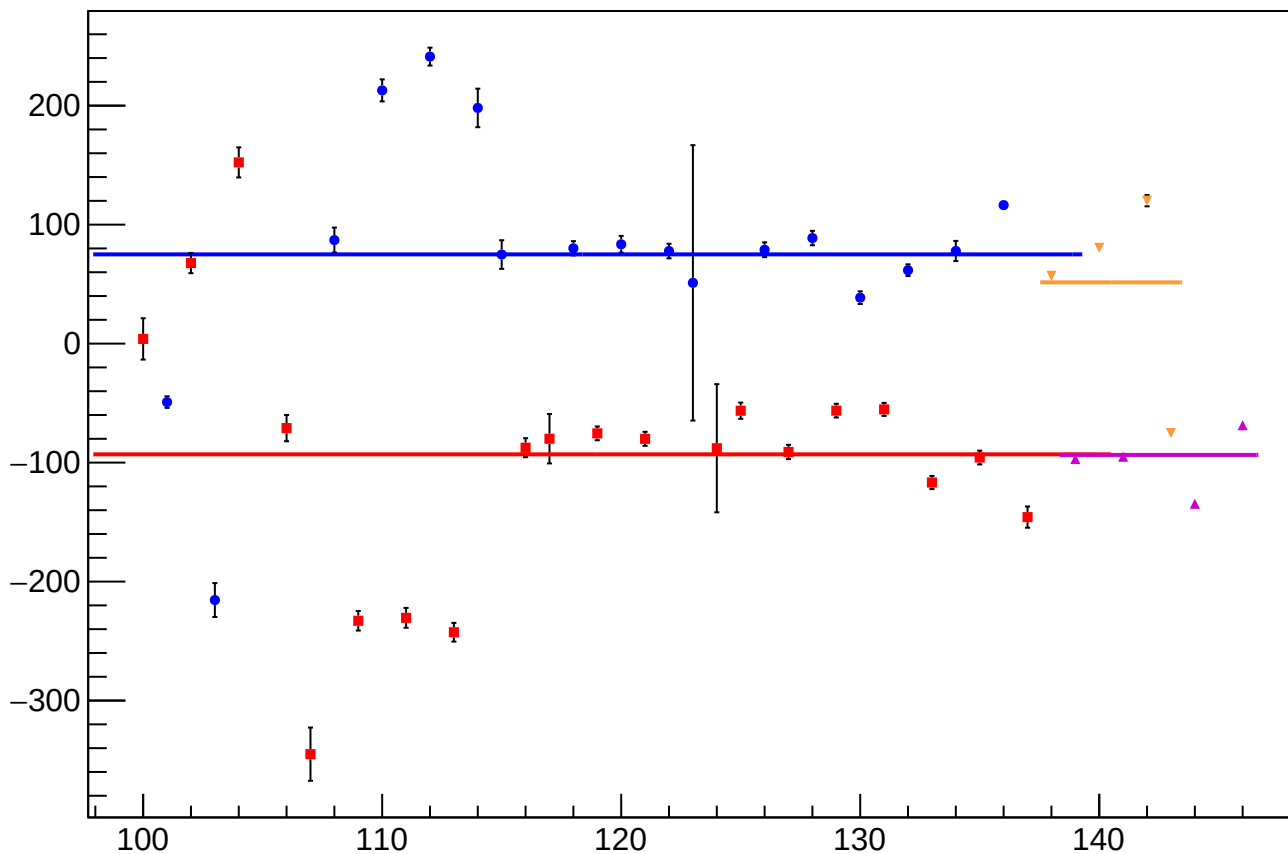
Left In: -4.283 ± 1.038 $\chi^2/\text{NDF}: 36.6/3$

11.459 ± 0.706 $\chi^2/\text{NDF}: 637.9/20$

-1.258 ± 0.489 $\chi^2/\text{NDF}: 1666.7/44$

-13.007 ± 0.678 $\chi^2/\text{NDF}: 404.3/23$

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: 51.503 $\pm$ 1.656 χ^2/NDF : 1261.0/3

Right Out: -93.051 $\pm$ 1.705 χ^2/NDF : 2002.7/19

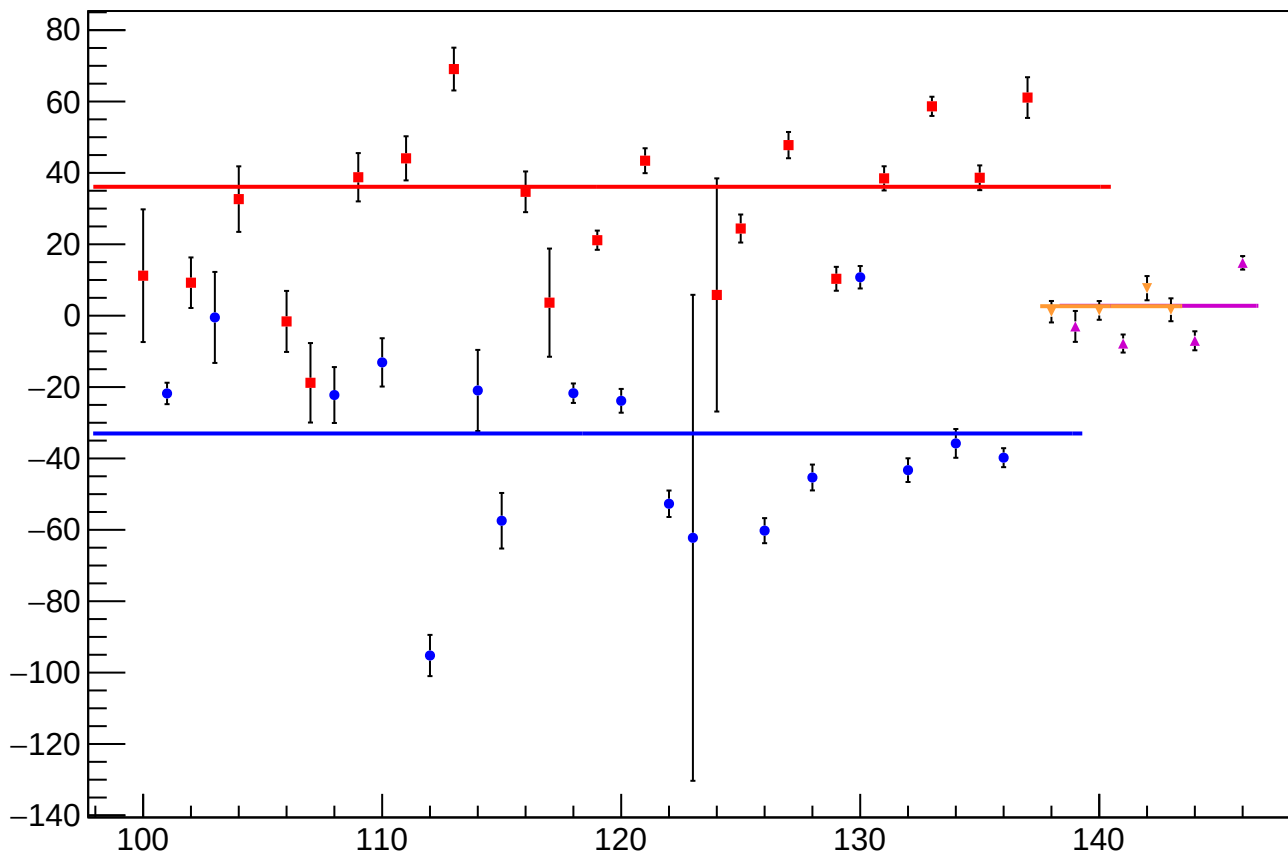
Left In: -93.546 $\pm$ 1.418 χ^2/NDF : 256.0/3

63.398 $\pm$ 1.164 χ^2/NDF : 3362.3/20

-20.066 $\pm$ 0.796 χ^2/NDF : 15280.3/44

-93.344 $\pm$ 1.090 χ^2/NDF : 2258.8/23

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005 $\pm$ 0.972 χ^2 /NDF: 493.1/16

Left Out: 2.655 $\pm$ 1.508 χ^2 /NDF: 2.8/3

Right Out: 36.112 $\pm$ 1.023 χ^2 /NDF: 301.7/19

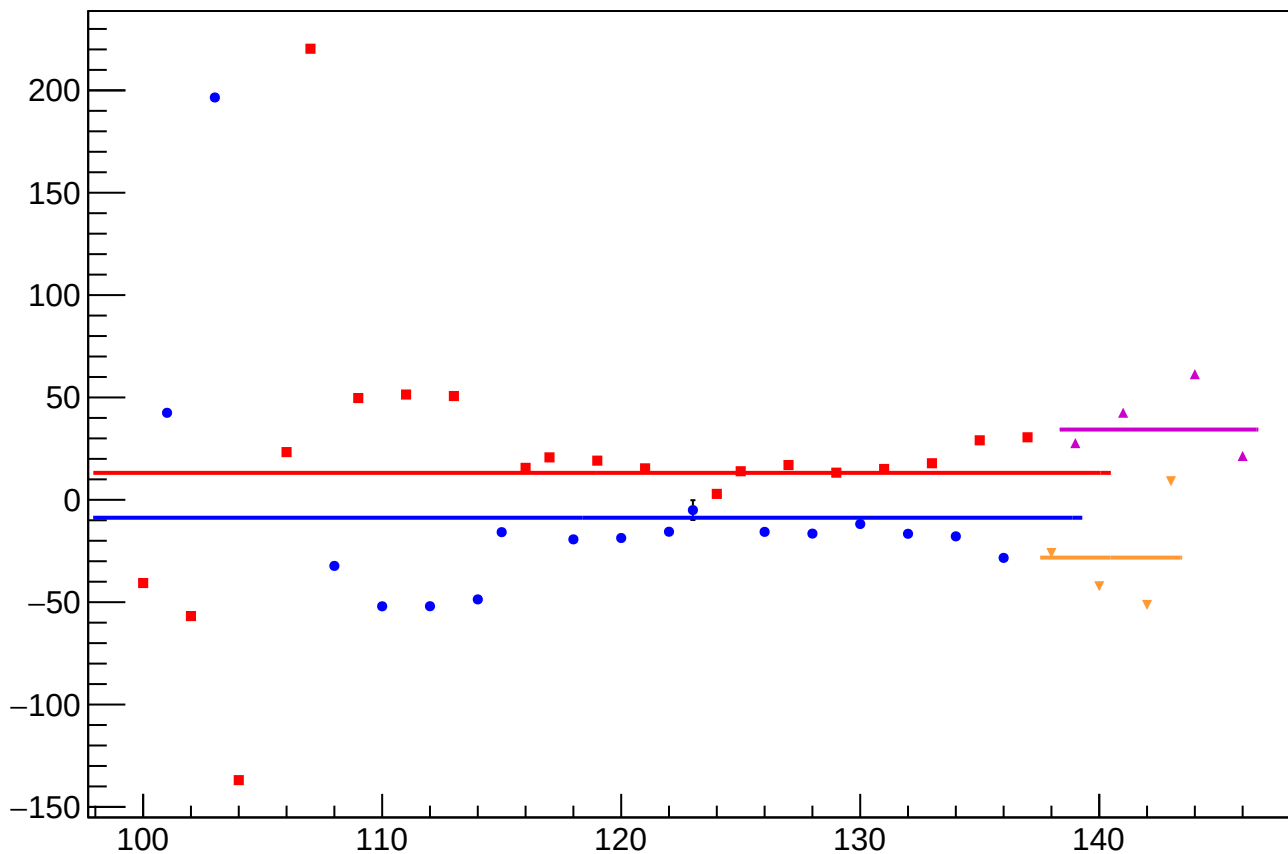
Left In: 2.769 $\pm$ 1.262 χ^2 /NDF: 73.0/3

-22.545 $\pm$ 0.817 χ^2 /NDF: 890.9/20

0.799 $\pm$ 0.570 χ^2 /NDF: 3276.3/44

22.886 $\pm$ 0.795 χ^2 /NDF: 796.1/23

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751+/-0.059 χ^2/NDF : 576012.4/16

Left Out: -28.224+/-0.067 χ^2/NDF : 79361.1/3

Right Out: 13.175+/-0.062 χ^2/NDF : 558691.6/19

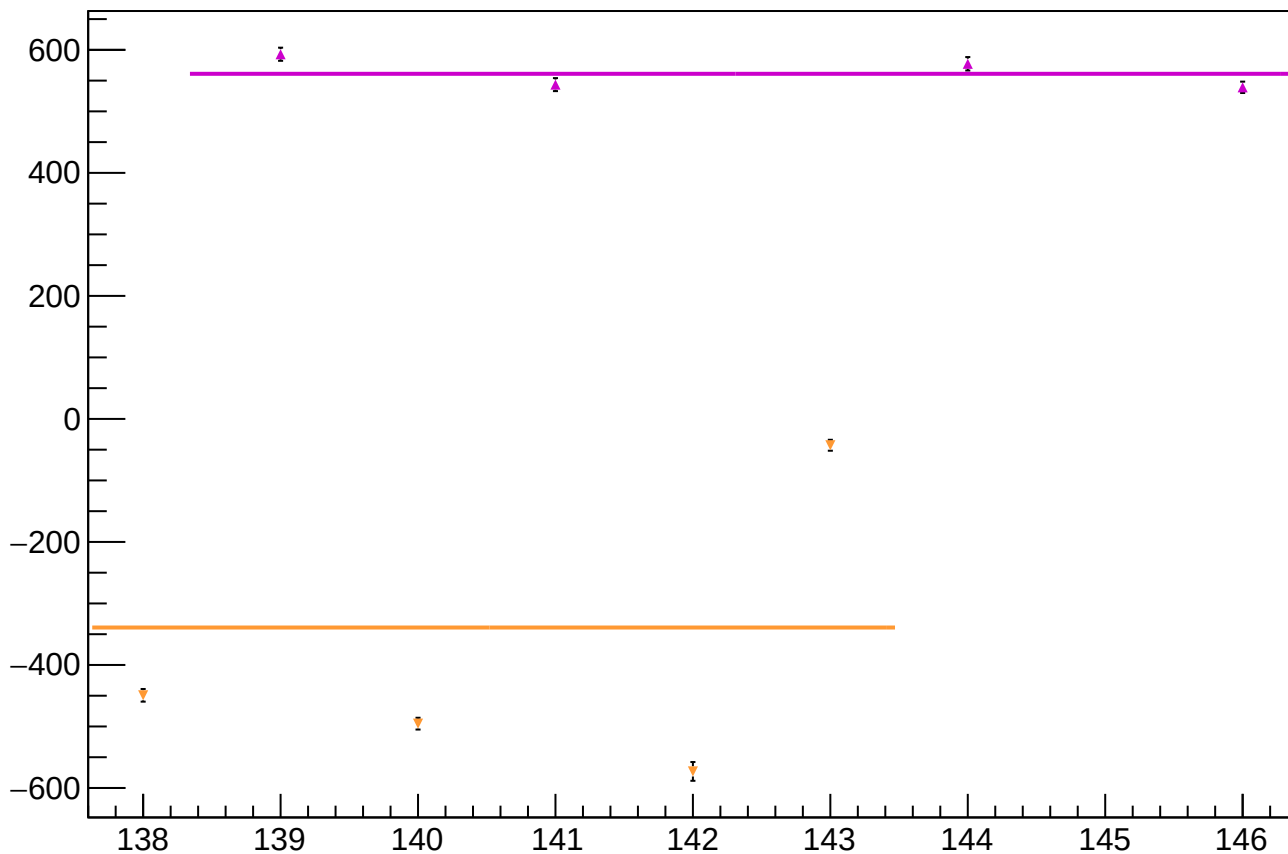
Left In: 34.320+/-0.058 χ^2/NDF : 55910.5/3

-17.182+/-0.044 χ^2/NDF : 702847.5/20

4.640+/-0.031 χ^2/NDF : 1842973.9/44

24.416+/-0.042 χ^2/NDF : 677244.1/23

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -339.126+/-5.184 χ^2/NDF :1723.5/3

-339.126+/-5.184 χ^2/NDF : 1723.5/3

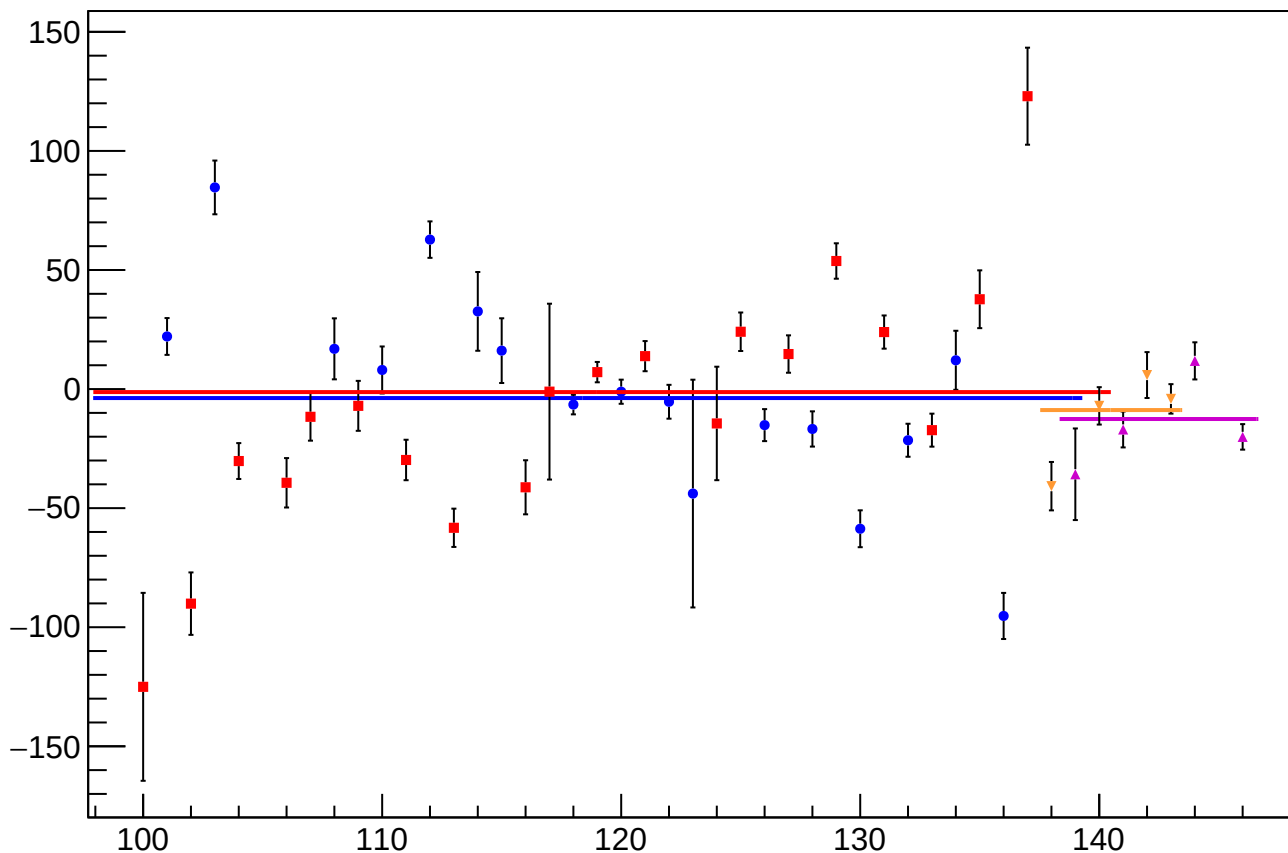
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

114.472+/-3.651 χ^2/NDF : 16939.0/7

Left In: 561.059+/-5.143 χ^2/NDF :19.5/3

561.059+/-5.143 χ^2/NDF : 19.5/3

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: -8.812 ± 3.990 χ^2/NDF : 12.8/3

Right Out: -1.265 ± 1.918 χ^2/NDF : 303.7/19

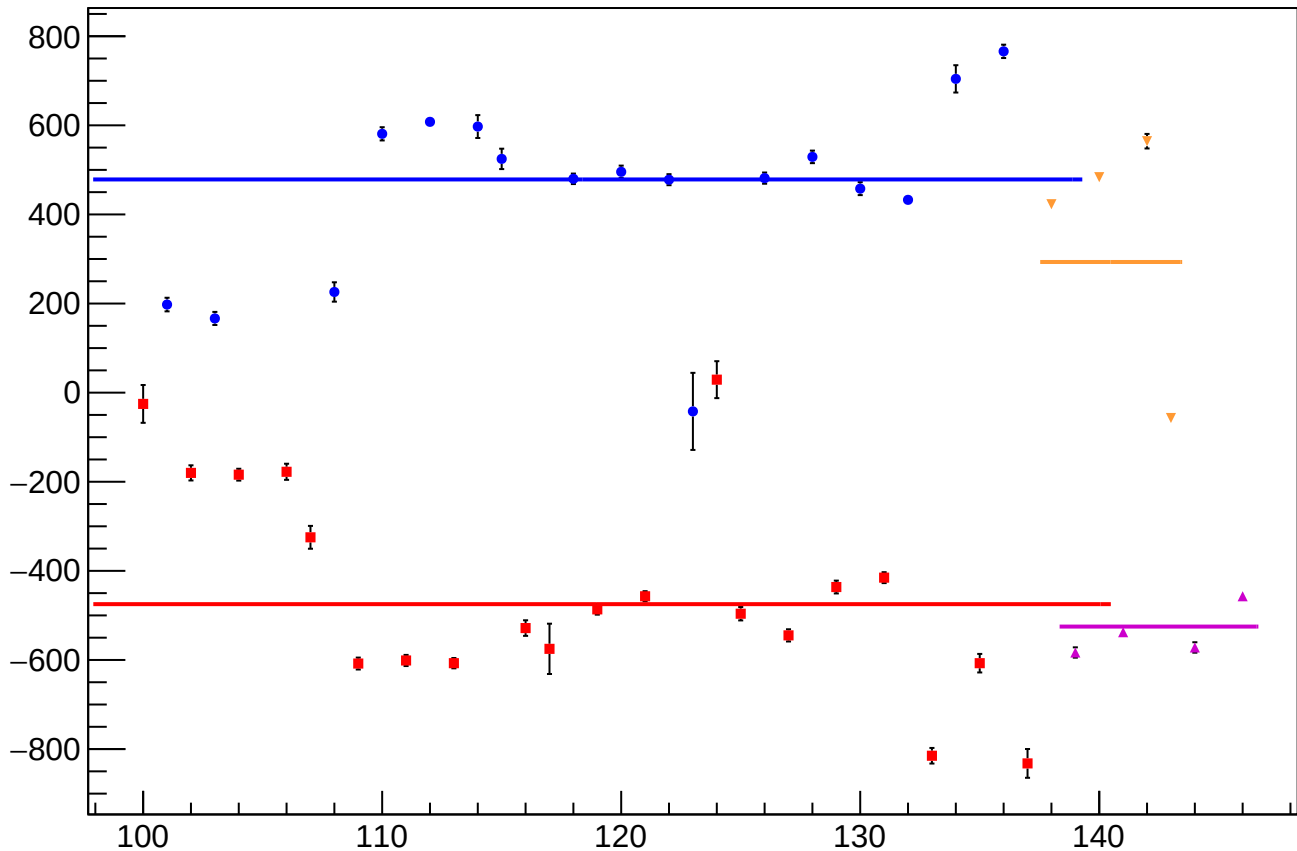
Left In: -12.571 ± 3.737 χ^2/NDF : 13.6/3

-4.695 ± 1.707 χ^2/NDF : 328.5/20

-4.158 ± 1.207 χ^2/NDF : 653.2/44

-3.622 ± 1.706 χ^2/NDF : 324.5/23

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526 ± 3.630 χ^2/NDF : 1629.0/16

Left Out: 293.273 ± 5.552 χ^2/NDF : 2116.3/3

Right Out: -474.721 ± 3.526 χ^2/NDF : 2290.3/19

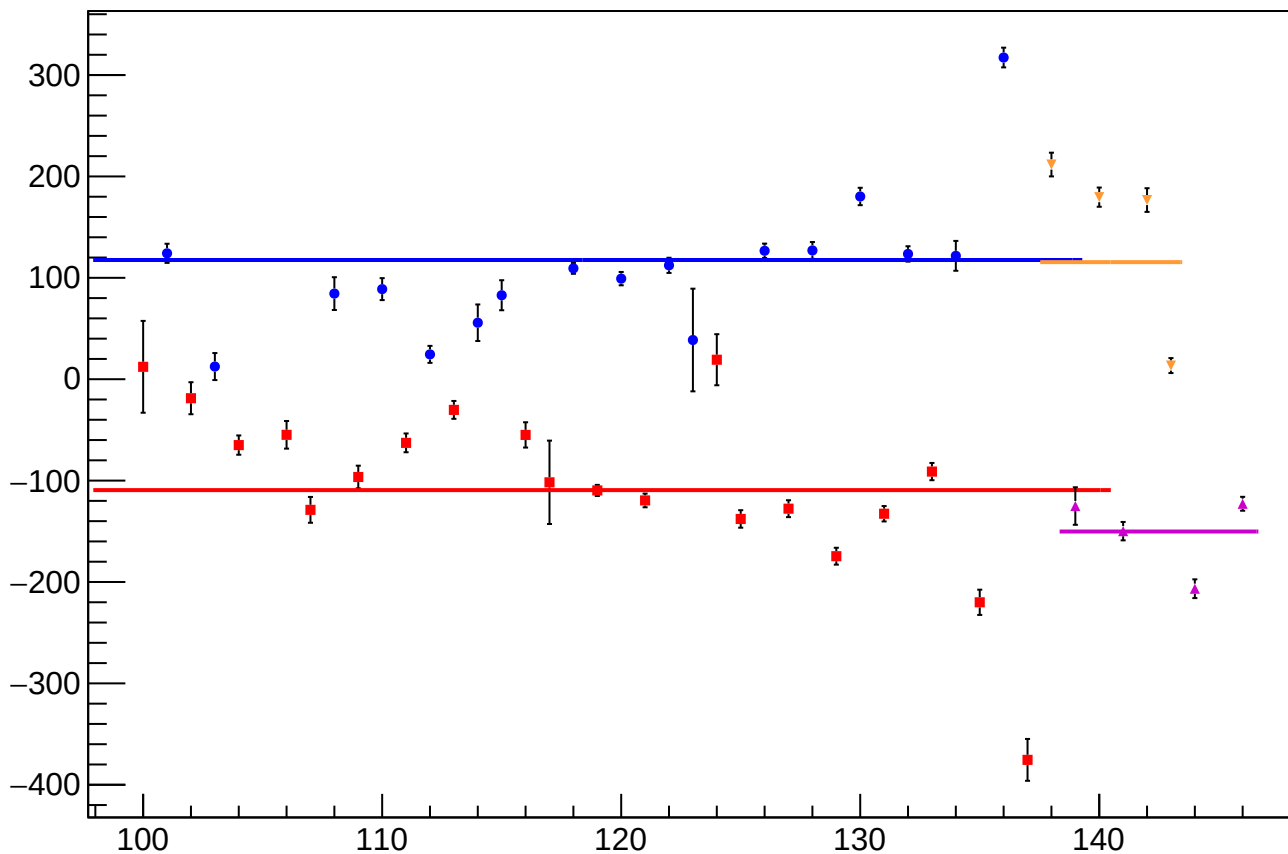
Left In: -525.049 ± 5.304 χ^2/NDF : 102.2/3

423.051 ± 3.038 χ^2/NDF : 4525.2/20

-49.160 ± 2.111 χ^2/NDF : 53692.4/44

-490.146 ± 2.936 χ^2/NDF : 2455.0/23

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585 $\pm$ 2.193 χ^2 /NDF: 706.9/16

Left Out: 115.485 $\pm$ 4.765 χ^2 /NDF: 331.2/3

Right Out: -109.378 $\pm$ 2.207 χ^2 /NDF: 571.2/19

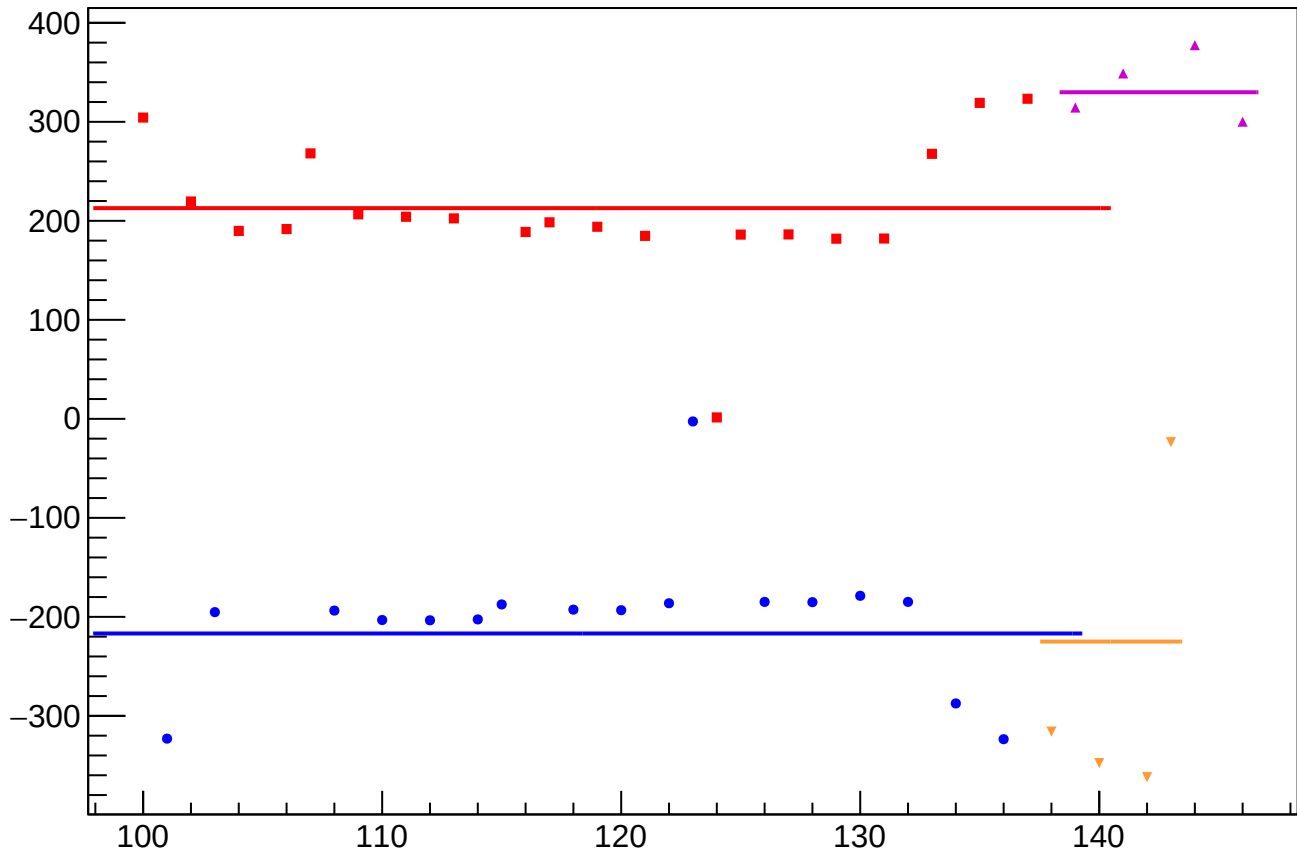
Left In: -150.224 $\pm$ 4.564 χ^2 /NDF: 55.0/3

117.218 $\pm$ 1.992 χ^2 /NDF: 1038.2/20

-0.264 $\pm$ 1.407 χ^2 /NDF: 8667.4/44

-117.115 $\pm$ 1.987 χ^2 /NDF: 691.1/23

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -224.971+/-0.227 χ^2/NDF : 441666.8/3

Right Out: 212.832+/-0.130 χ^2/NDF : 116424.5/19

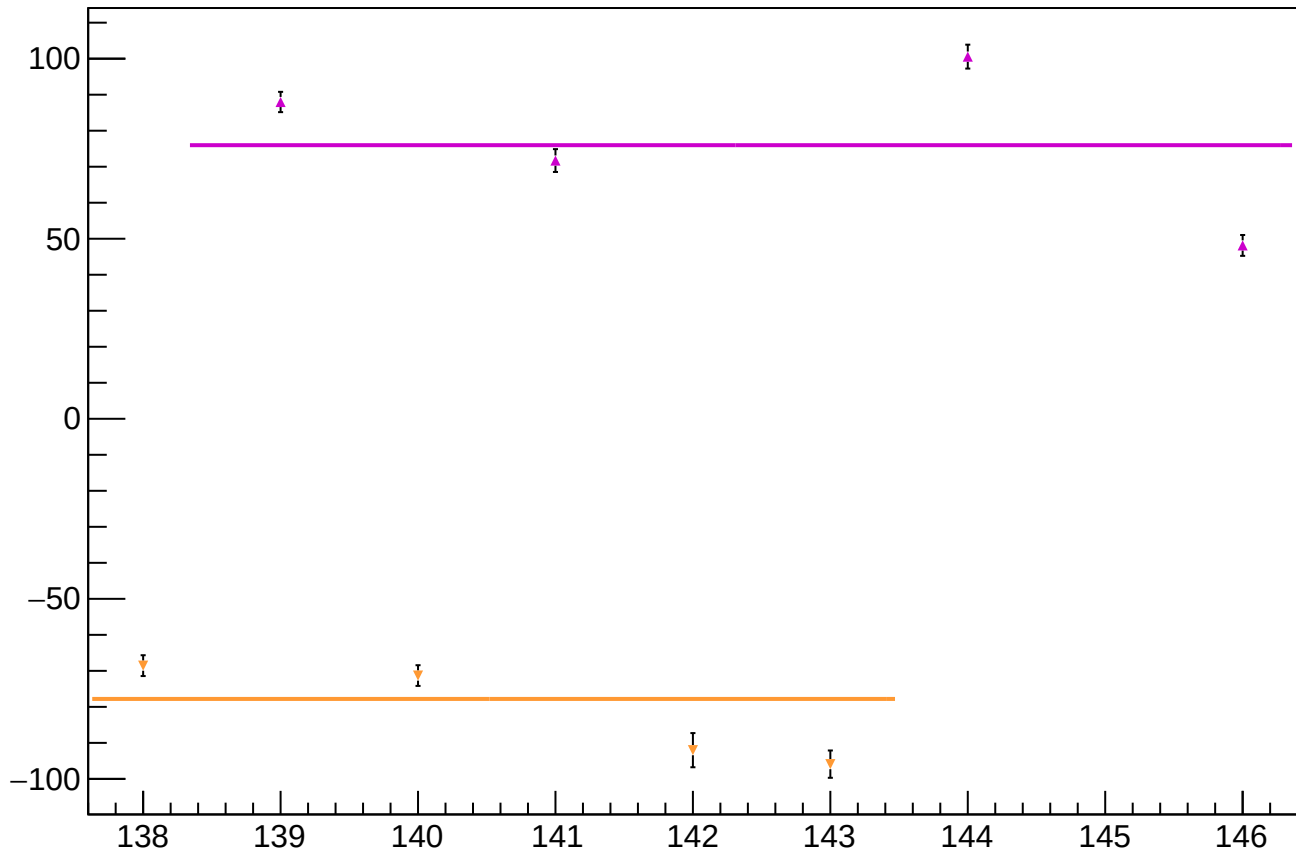
Left In: 329.861+/-0.220 χ^2/NDF : 17133.5/3

-218.940+/-0.117 χ^2/NDF : 589595.7/20

21.456+/-0.081 χ^2/NDF : 9117178.2/44

243.158+/-0.112 χ^2/NDF : 343598.5/23

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -77.795+/-1.679 χ^2/NDF : 47.1/3

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

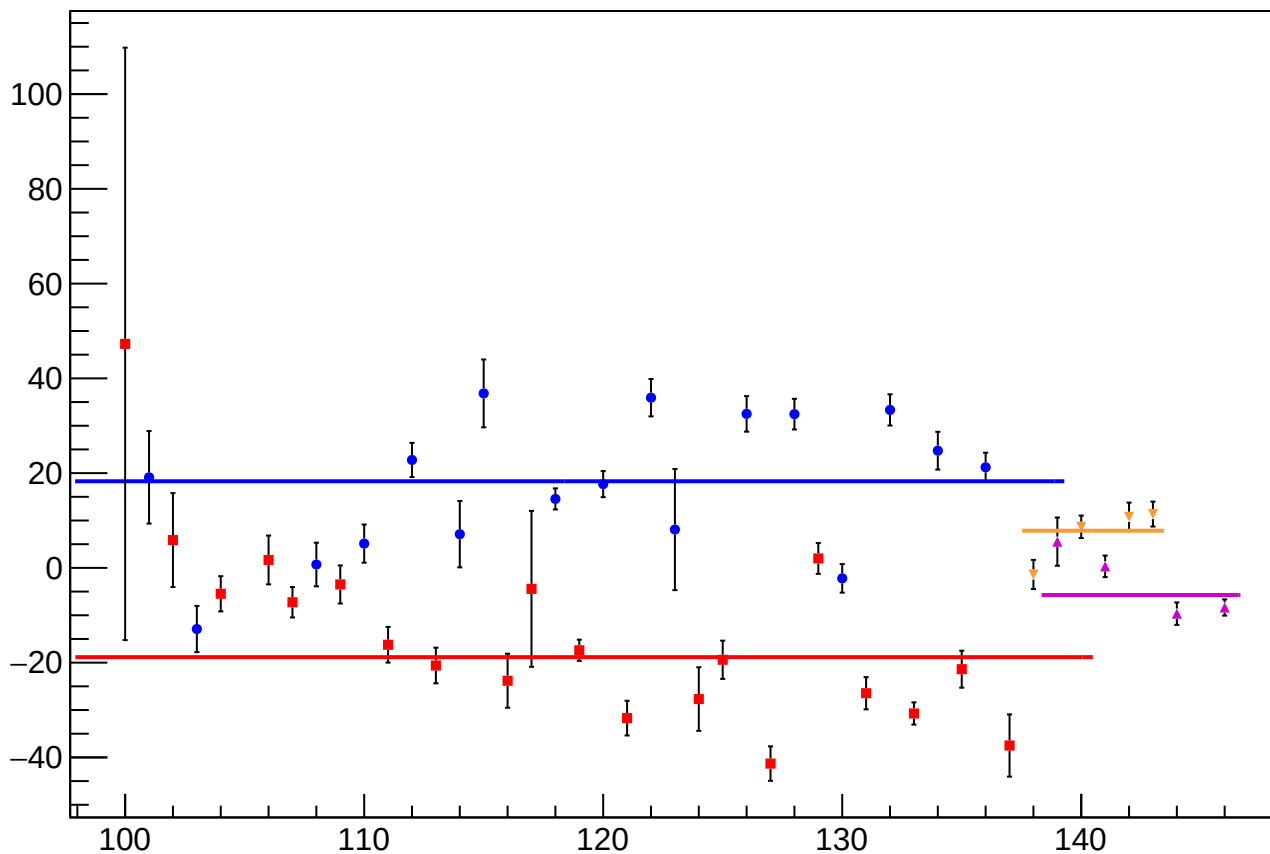
Left In: 75.978+/-1.516 χ^2/NDF : 167.1/3

-77.795+/-1.679 χ^2/NDF : 47.1/3

6.953+/-1.125 χ^2/NDF : 4834.4/7

75.978+/-1.516 χ^2/NDF : 167.1/3

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: 7.848 $\pm$ 1.364 χ^2/NDF : 11.8/3

Right Out: -18.842 $\pm$ 0.863 χ^2/NDF : 199.2/19

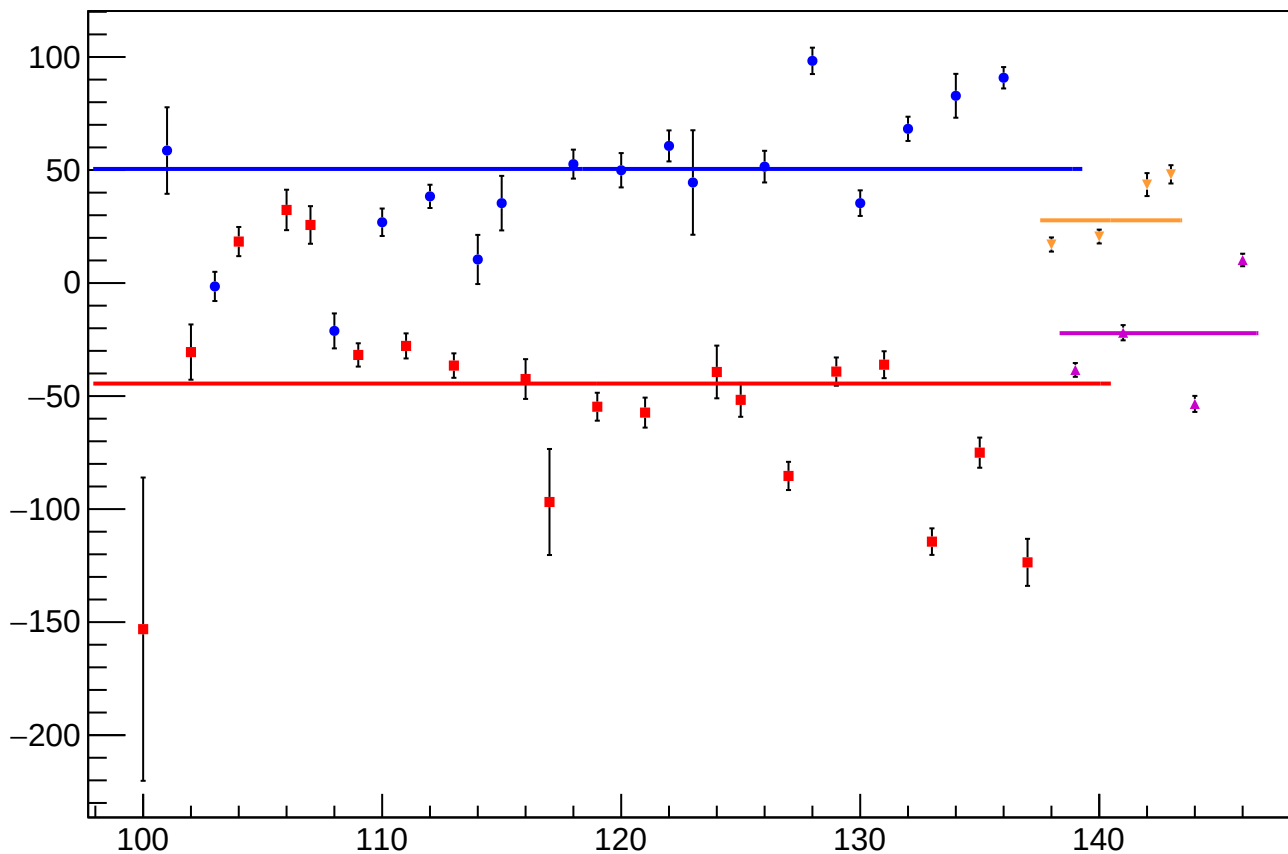
Left In: -5.727 $\pm$ 1.152 χ^2/NDF : 17.1/3

15.089 $\pm$ 0.754 χ^2/NDF : 257.0/20

-0.803 $\pm$ 0.509 χ^2/NDF : 1372.0/44

-14.128 $\pm$ 0.691 χ^2/NDF : 299.3/23

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482+/-1.668 χ^2/NDF : 357.9/16

Left Out: 27.752+/-1.802 χ^2/NDF : 52.1/3

Right Out: -44.466+/-1.599 χ^2/NDF : 539.4/19

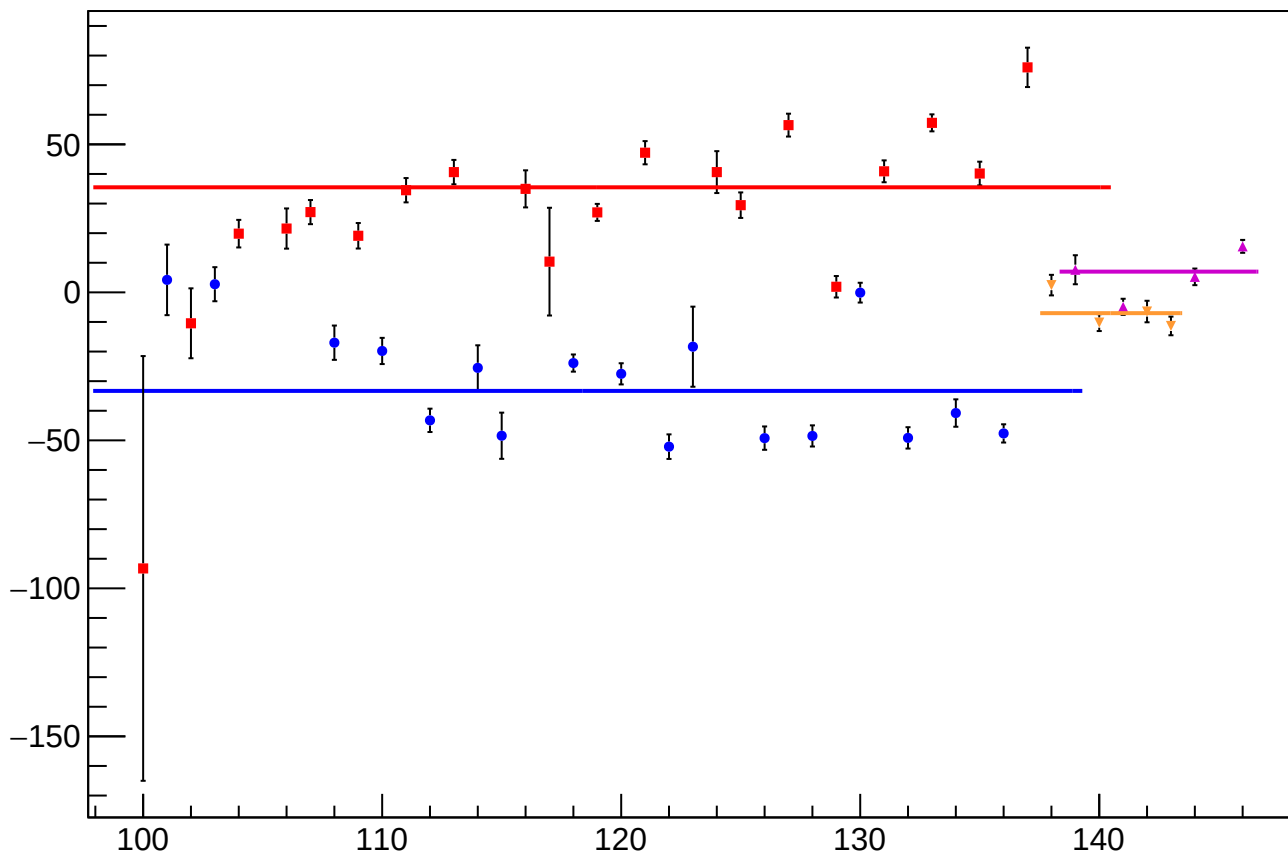
Left In: -22.171+/-1.572 χ^2/NDF : 242.6/3

39.991+/-1.224 χ^2/NDF : 495.7/20

0.221+/-0.827 χ^2/NDF : 3317.8/44

-33.127+/-1.121 χ^2/NDF : 880.9/23

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292+/-1.033 χ^2/NDF : 289.1/16

Left Out: -7.026+/-1.617 χ^2/NDF : 10.6/3

Right Out: 35.491+/-0.991 χ^2/NDF : 289.5/19

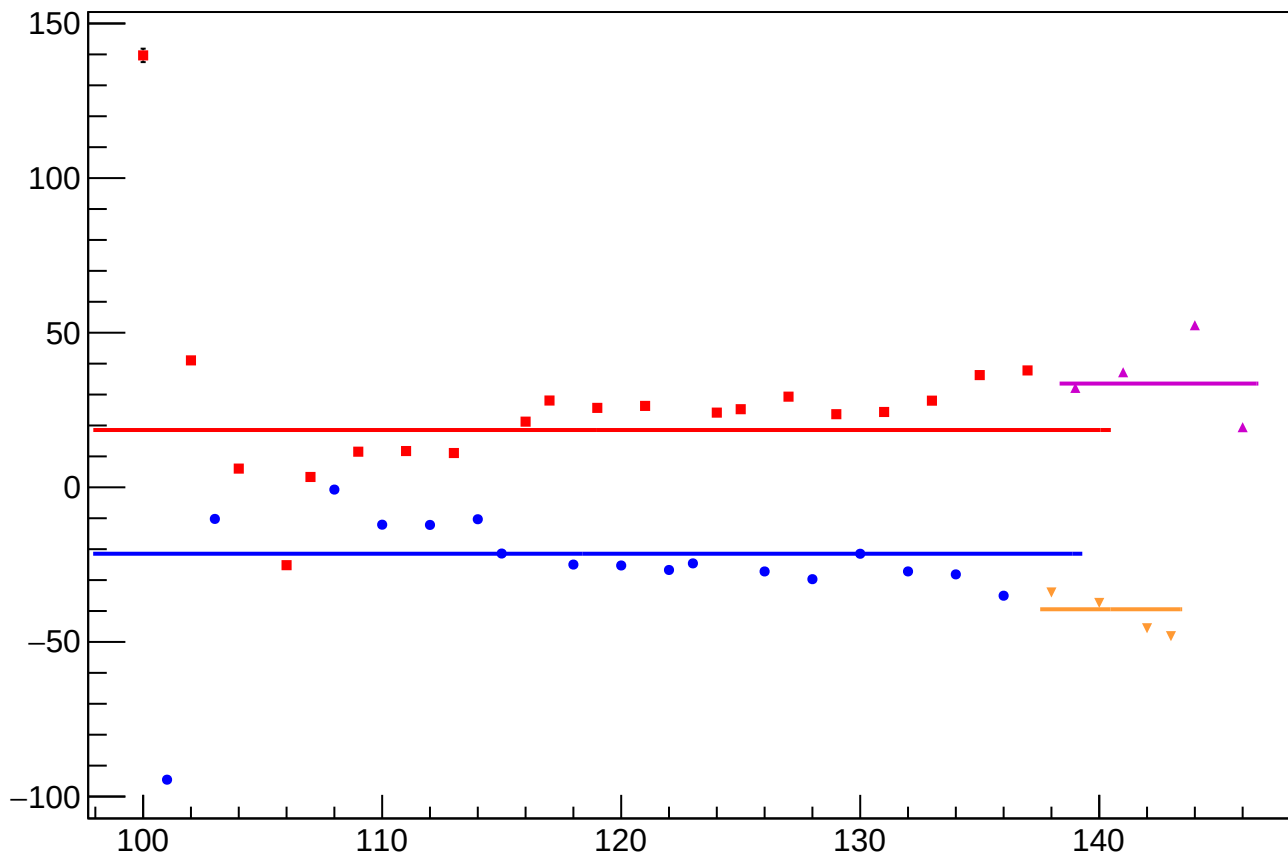
Left In: 7.002+/-1.396 χ^2/NDF : 34.8/3

-25.681+/-0.871 χ^2/NDF : 487.0/20

2.051+/-0.592 χ^2/NDF : 2977.3/44

25.942+/-0.808 χ^2/NDF : 601.3/23

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF : 49009.8/16

Left Out: -39.438+/-0.073 χ^2/NDF : 6008.2/3

Right Out: 18.533+/-0.057 χ^2/NDF : 80812.7/19

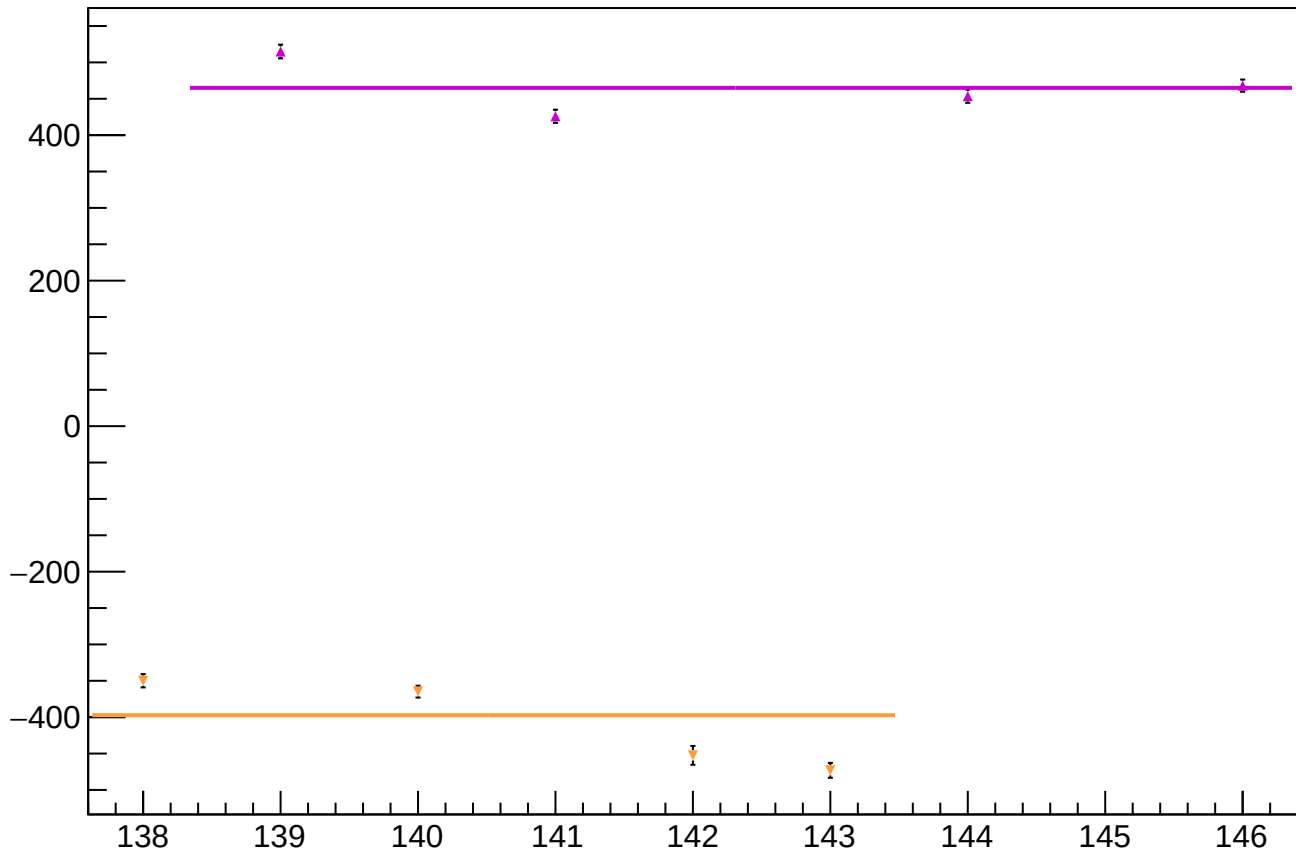
Left In: 33.551+/-0.064 χ^2/NDF : 27778.8/3

-28.475+/-0.046 χ^2/NDF : 91527.9/20

0.251+/-0.031 χ^2/NDF : 964248.6/44

25.194+/-0.043 χ^2/NDF : 139097.2/23

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -397.287+/-4.861 χ^2/NDF : 115.2/3

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

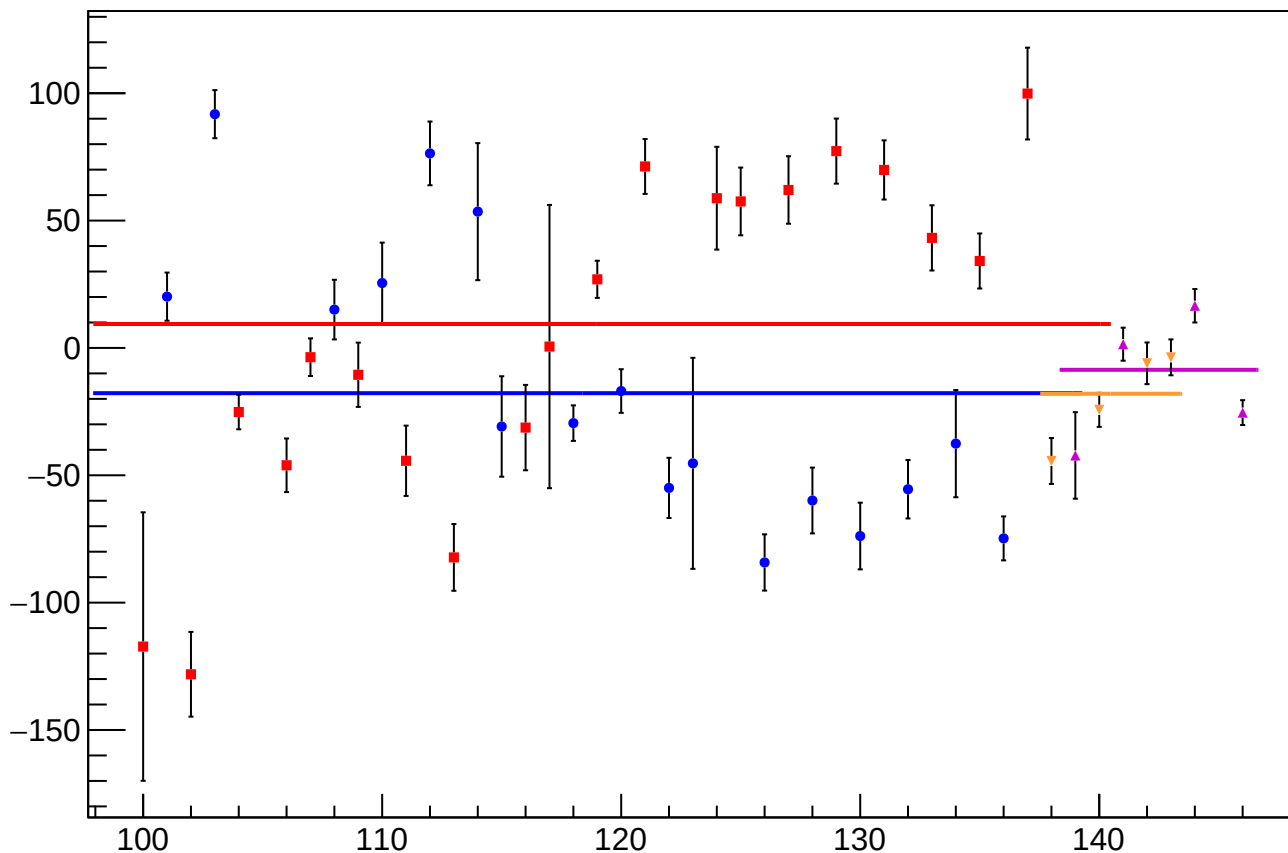
Left In: 465.018+/-4.504 χ^2/NDF : 48.3/3

-397.287+/-4.861 χ^2/NDF : 115.2/3

66.689+/-3.304 χ^2/NDF : 17097.3/7

465.018+/-4.504 χ^2/NDF : 48.3/3

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: -17.991 ± 3.786 χ^2/NDF : 15.7/3

Right Out: 9.397 ± 2.610 χ^2/NDF : 369.6/19

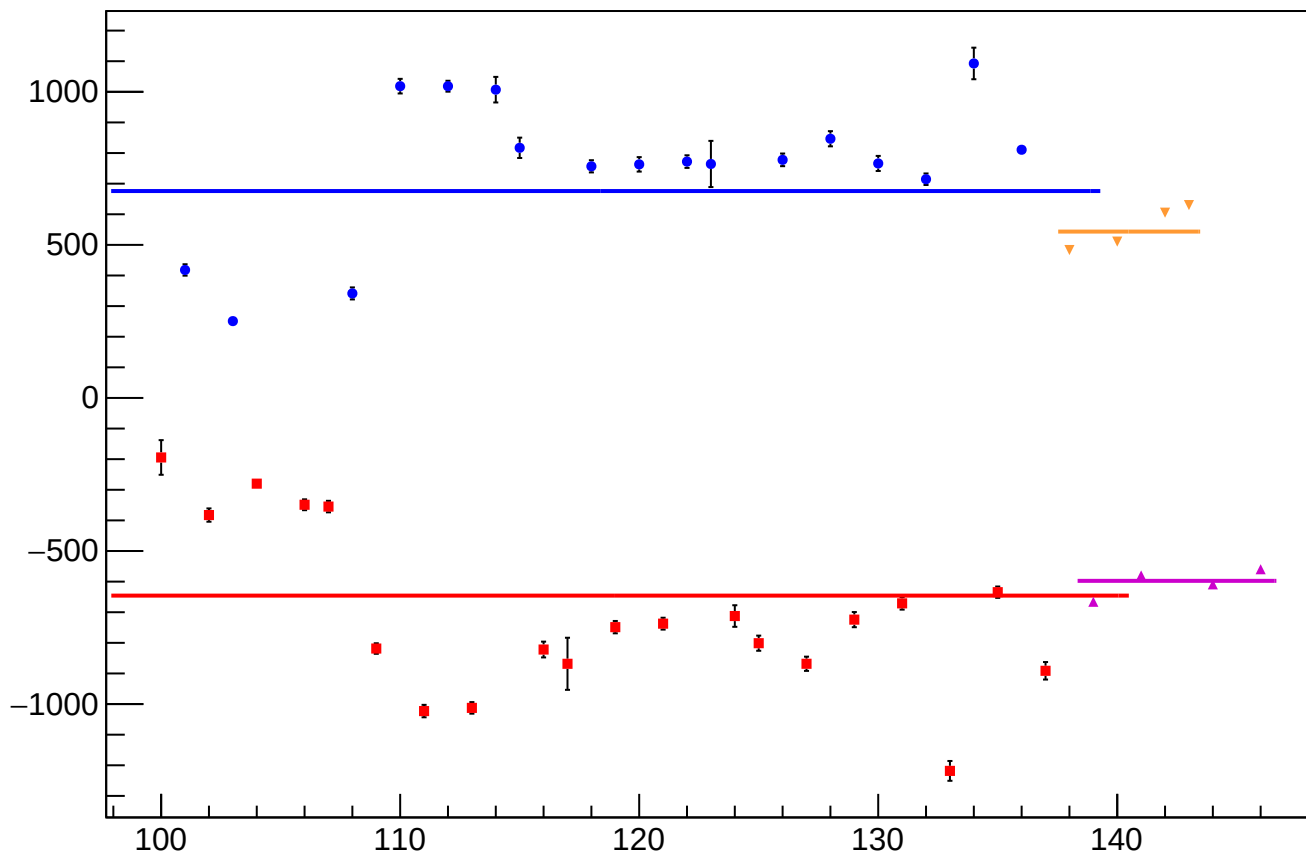
Left In: -8.589 ± 3.288 χ^2/NDF : 32.9/3

-17.844 ± 2.242 χ^2/NDF : 379.6/20

-6.769 ± 1.511 χ^2/NDF : 845.1/44

2.444 ± 2.045 χ^2/NDF : 420.8/23

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871+/-5.037 χ^2/NDF : 2586.4/16

Left Out: 543.446+/-5.208 χ^2/NDF :133.3/3

Right Out: -645.711+/-4.753 χ^2/NDF : 3130.1/19

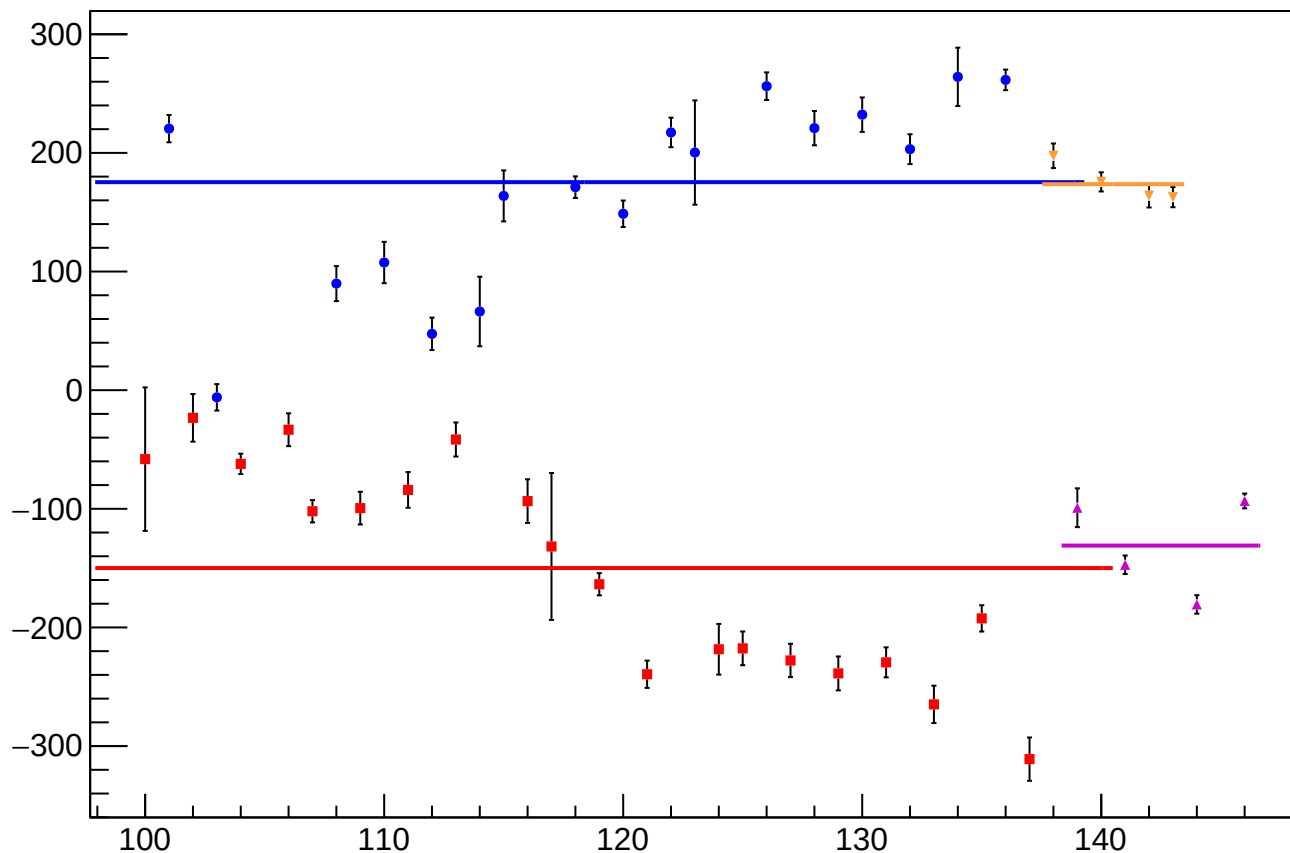
Left In: -597.484+/-4.656 χ^2/NDF :72.0/3

611.861+/-3.620 χ^2/NDF : 3053.8/20

-56.732+/-2.449 χ^2/NDF : 69197.3/44

-621.100+/-3.326 χ^2/NDF : 3254.7/23

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: 173.647 $\pm$ 4.532 χ^2/NDF : 8.0/3

Right Out: -149.923 $\pm$ 3.041 χ^2/NDF : 693.2/19

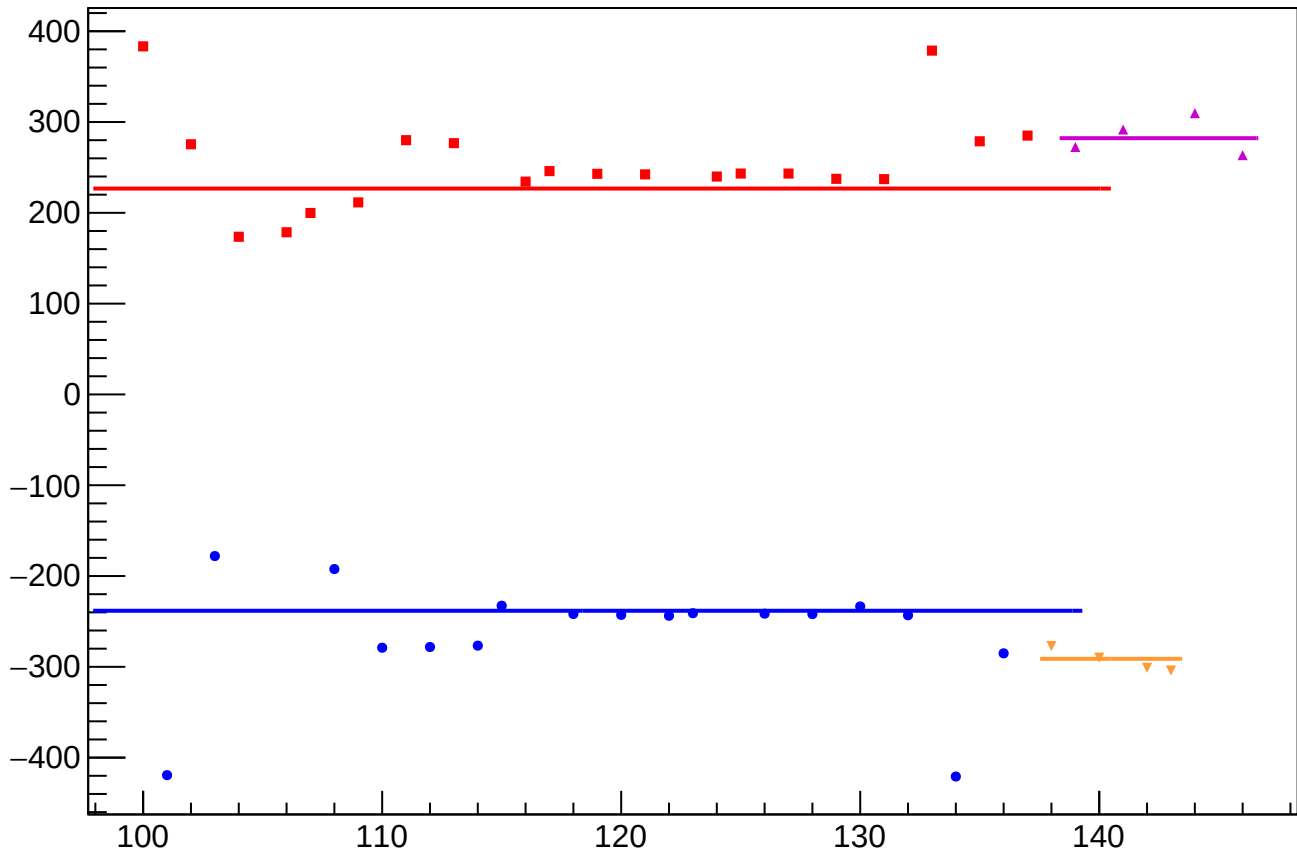
Left In: -130.998 $\pm$ 4.008 χ^2/NDF : 84.9/3

174.777 $\pm$ 2.616 χ^2/NDF : 646.5/20

3.741 $\pm$ 1.777 χ^2/NDF : 9383.9/44

-143.006 $\pm$ 2.423 χ^2/NDF : 792.3/23

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -291.155+/-0.215 χ^2/NDF : 2436.0/3

Right Out: 226.735+/-0.151 χ^2/NDF : 102855.7/19

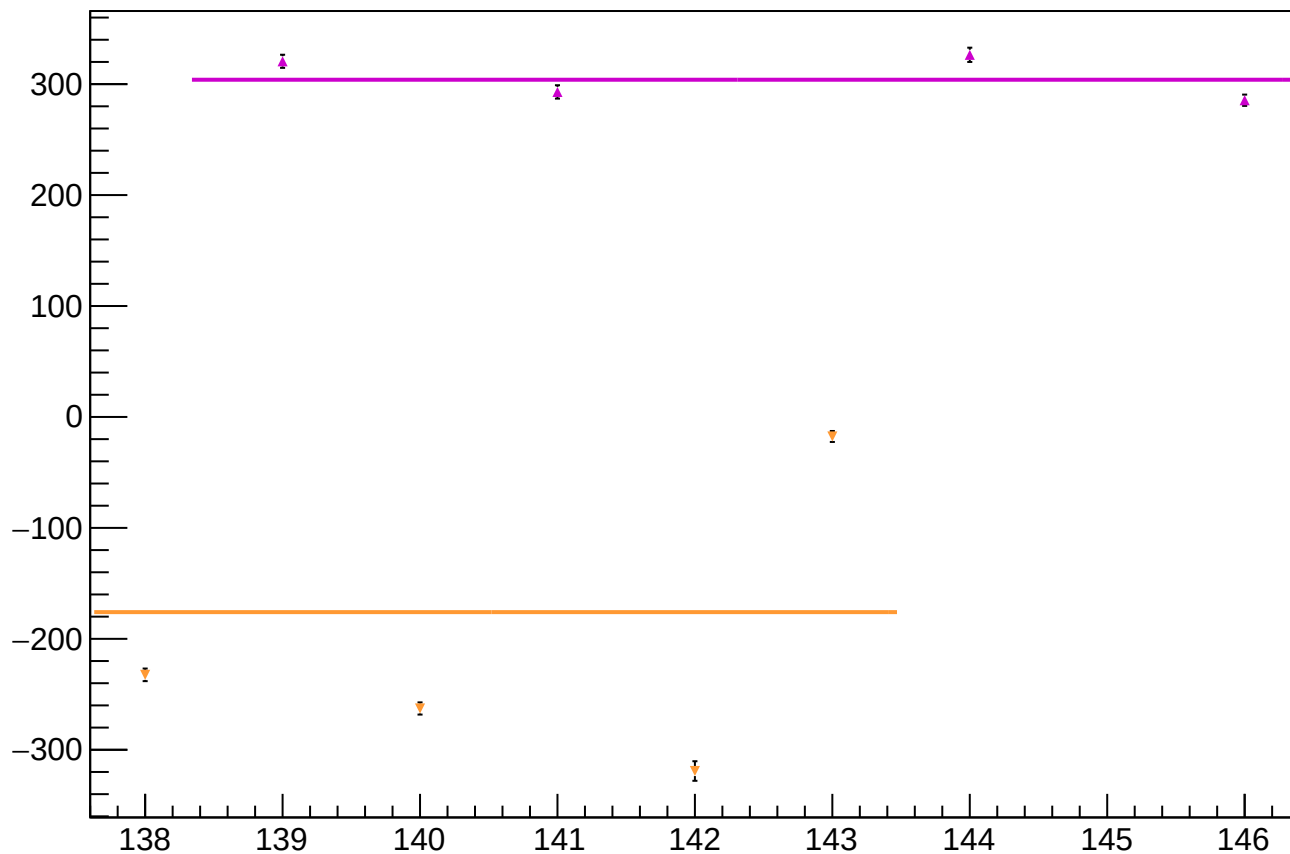
Left In: 282.202+/-0.193 χ^2/NDF : 7963.3/3

-257.112+/-0.128 χ^2/NDF : 208584.8/20

14.596+/-0.087 χ^2/NDF : 8707849.6/44

247.831+/-0.119 χ^2/NDF : 162148.3/23

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: -175.921+/-2.913 χ^2/NDF : 1637.1/3

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

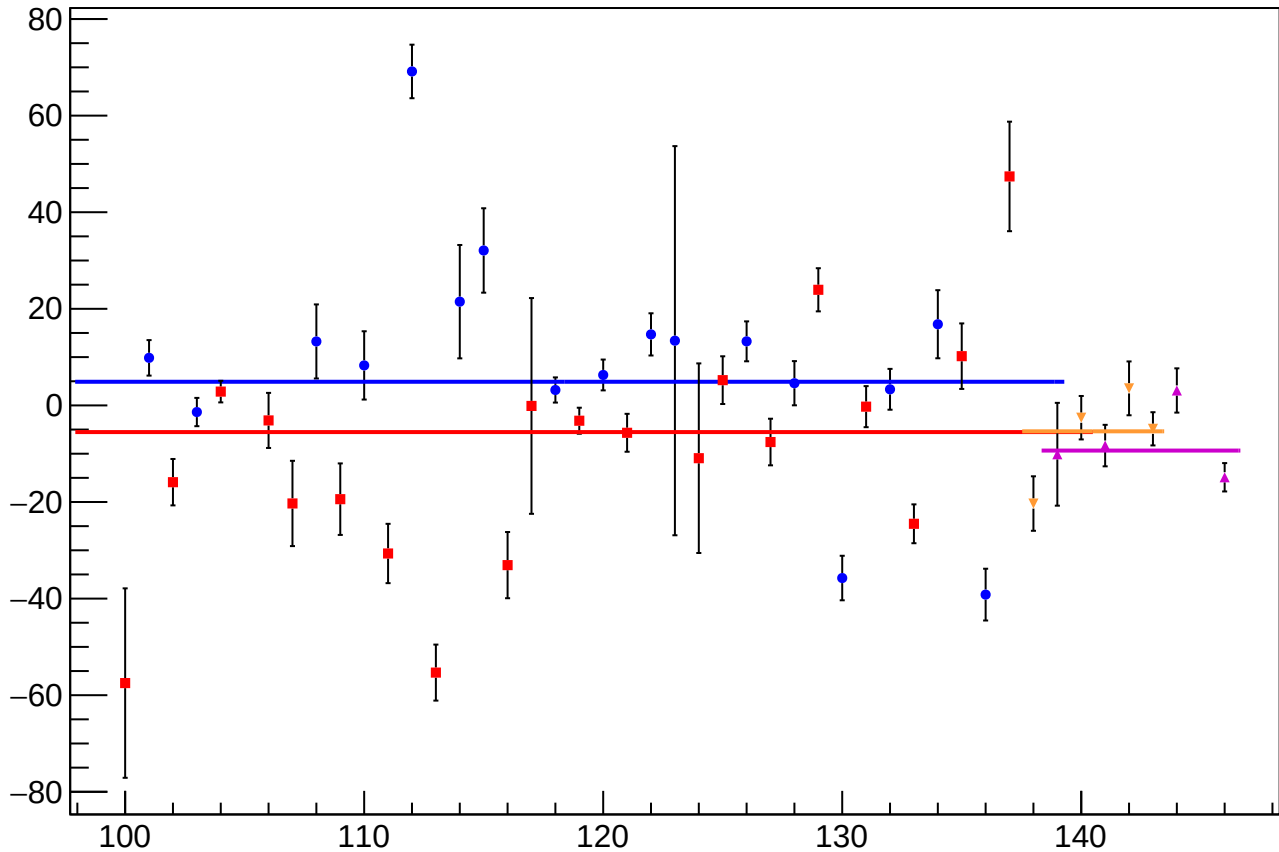
Left In: 303.961+/-2.901 χ^2/NDF : 36.6/3

-175.921+/-2.913 χ^2/NDF : 1637.1/3

65.024+/-2.056 χ^2/NDF : 15299.4/7

303.961+/-2.901 χ^2/NDF : 36.6/3

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: -5.366 ± 2.249 χ^2/NDF : 10.0/3

Right Out: -5.522 ± 1.070 χ^2/NDF : 239.2/19

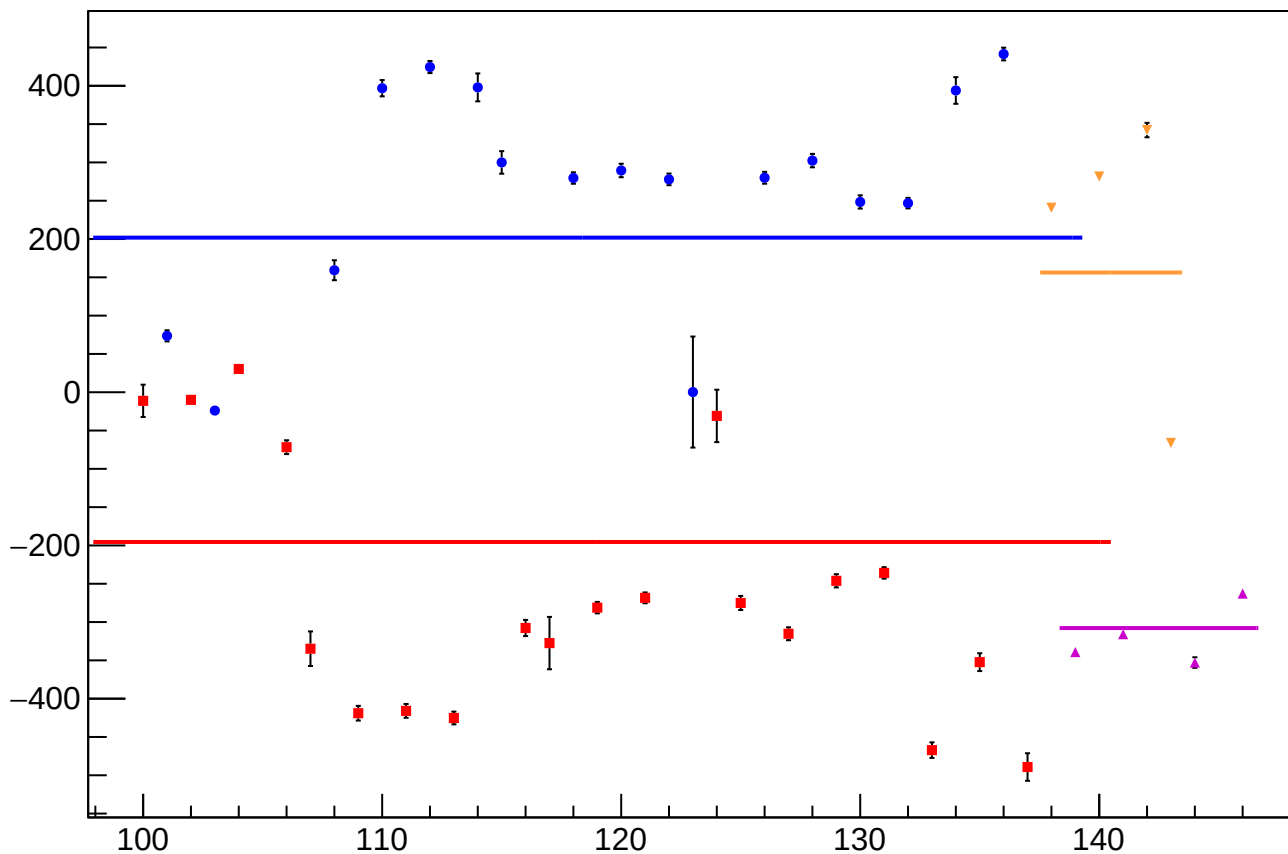
Left In: -9.350 ± 2.100 χ^2/NDF : 11.0/3

2.947 ± 0.980 χ^2/NDF : 338.8/20

-1.810 ± 0.683 χ^2/NDF : 637.5/44

-6.311 ± 0.953 χ^2/NDF : 252.8/23

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 156.307 $\pm$ 3.121 χ^2 /NDF: 2810.1/3

Right Out: -195.472 $\pm$ 1.921 χ^2 /NDF: 8272.1/19

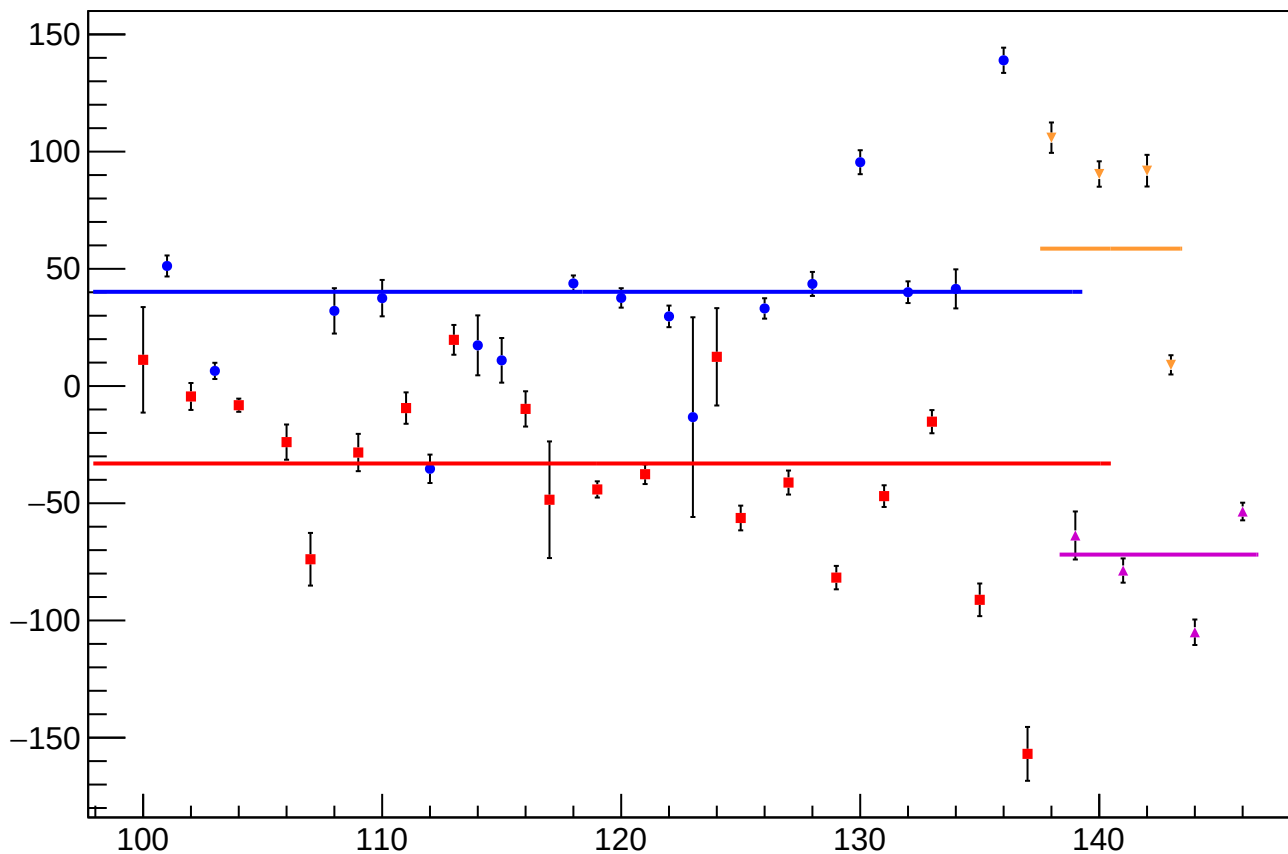
Left In: -307.840 $\pm$ 2.986 χ^2 /NDF: 154.1/3

188.839 $\pm$ 1.666 χ^2 /NDF: 9716.3/20

-26.169 $\pm$ 1.160 χ^2 /NDF: 51457.1/44

-228.374 $\pm$ 1.616 χ^2 /NDF: 9427.6/23

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: 58.613+/-2.683 χ^2/NDF : 257.6/3

Right Out: -33.038+/-1.251 χ^2/NDF : 554.5/19

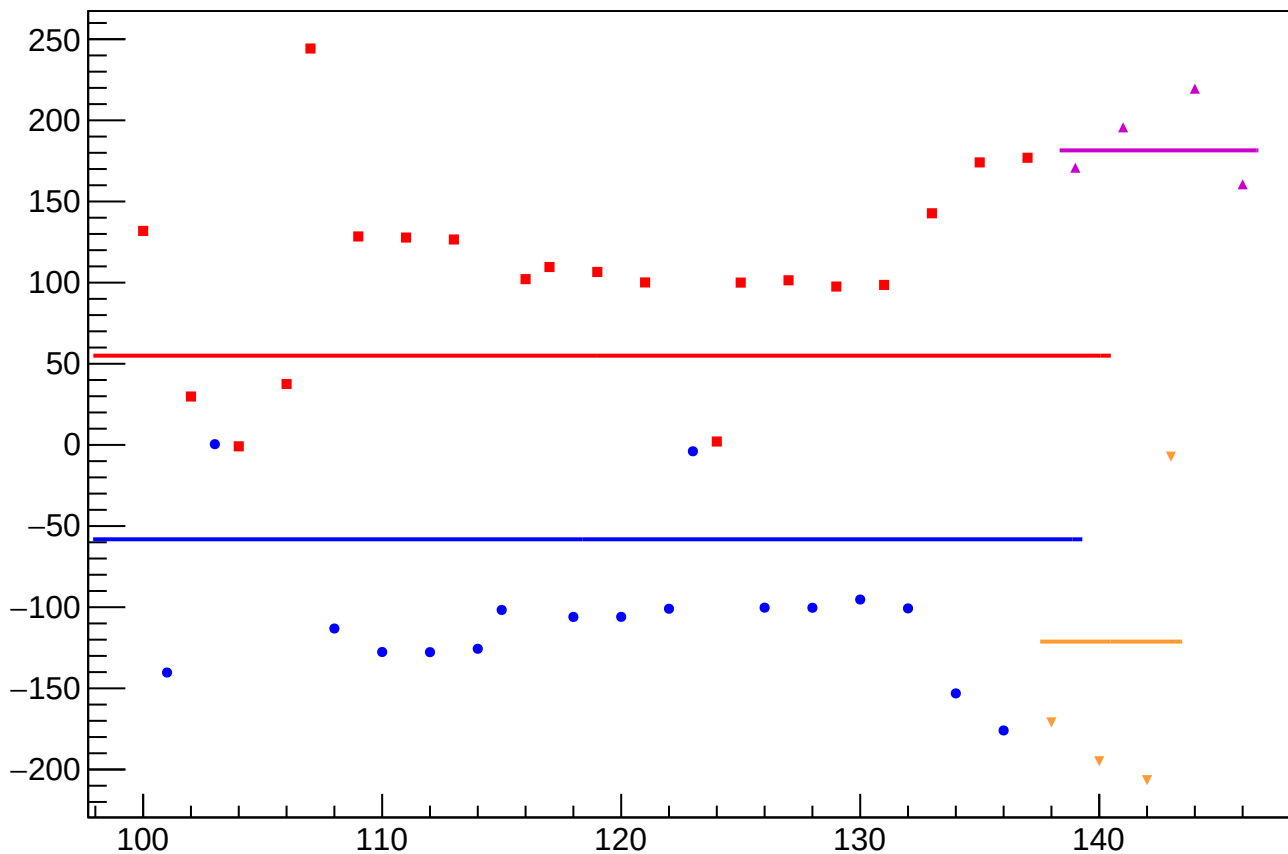
Left In: -71.901+/-2.571 χ^2/NDF : 63.3/3

43.557+/-1.146 χ^2/NDF : 1031.1/20

0.758+/-0.803 χ^2/NDF : 4571.8/44

-40.476+/-1.125 χ^2/NDF : 802.5/23

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155 $\pm$ 0.062 χ^2 /NDF: 1105509.3/16

Left Out: -121.188 $\pm$ 0.128 χ^2 /NDF: 466648.1/3

Right Out: 54.995 $\pm$ 0.060 χ^2 /NDF: 1005108.5/19

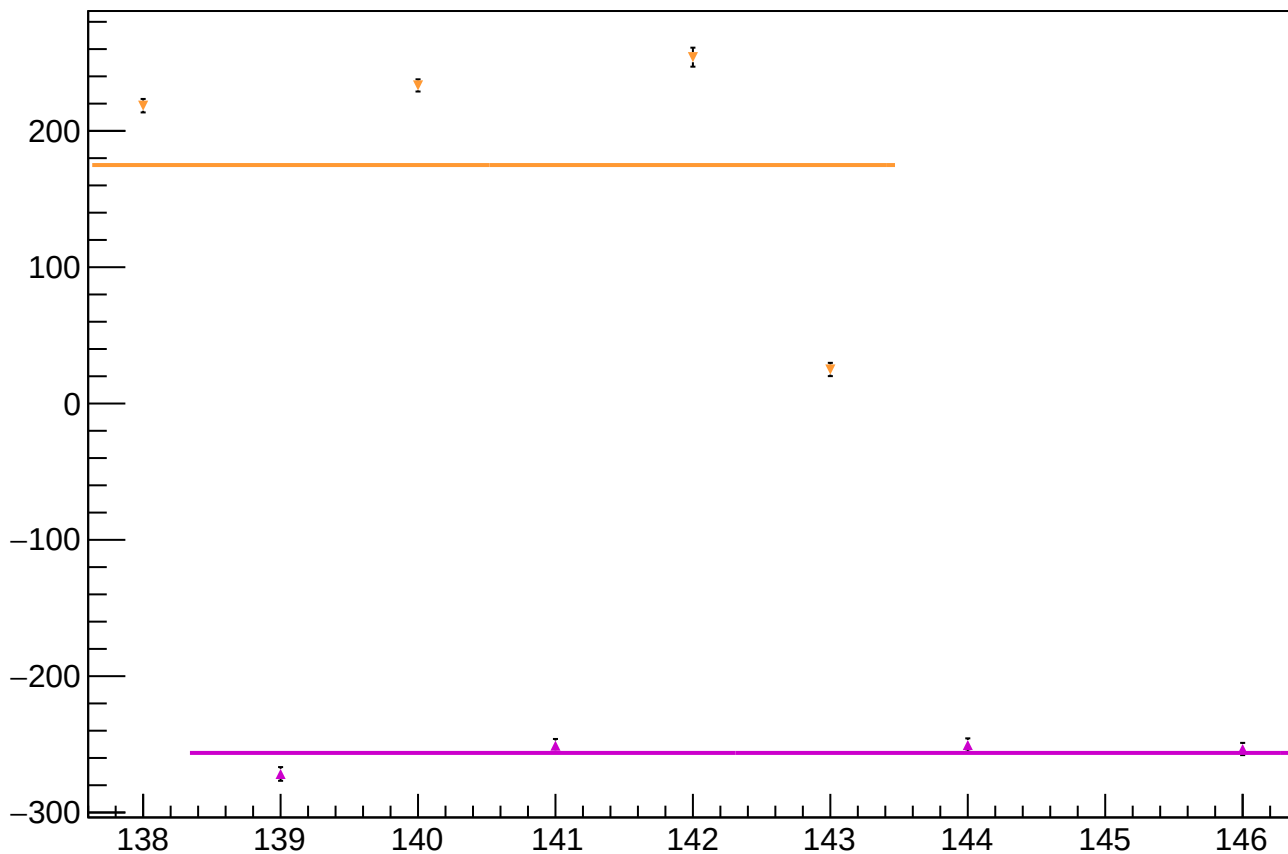
Left In: 181.496 $\pm$ 0.124 χ^2 /NDF: 29831.3/3

-70.062 $\pm$ 0.055 χ^2 /NDF: 1770110.5/20

6.423 $\pm$ 0.039 χ^2 /NDF: 7365079.2/44

79.233 $\pm$ 0.054 χ^2 /NDF: 1881649.5/23

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: 174.944+/-2.552 χ^2/NDF :1324.8/3

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

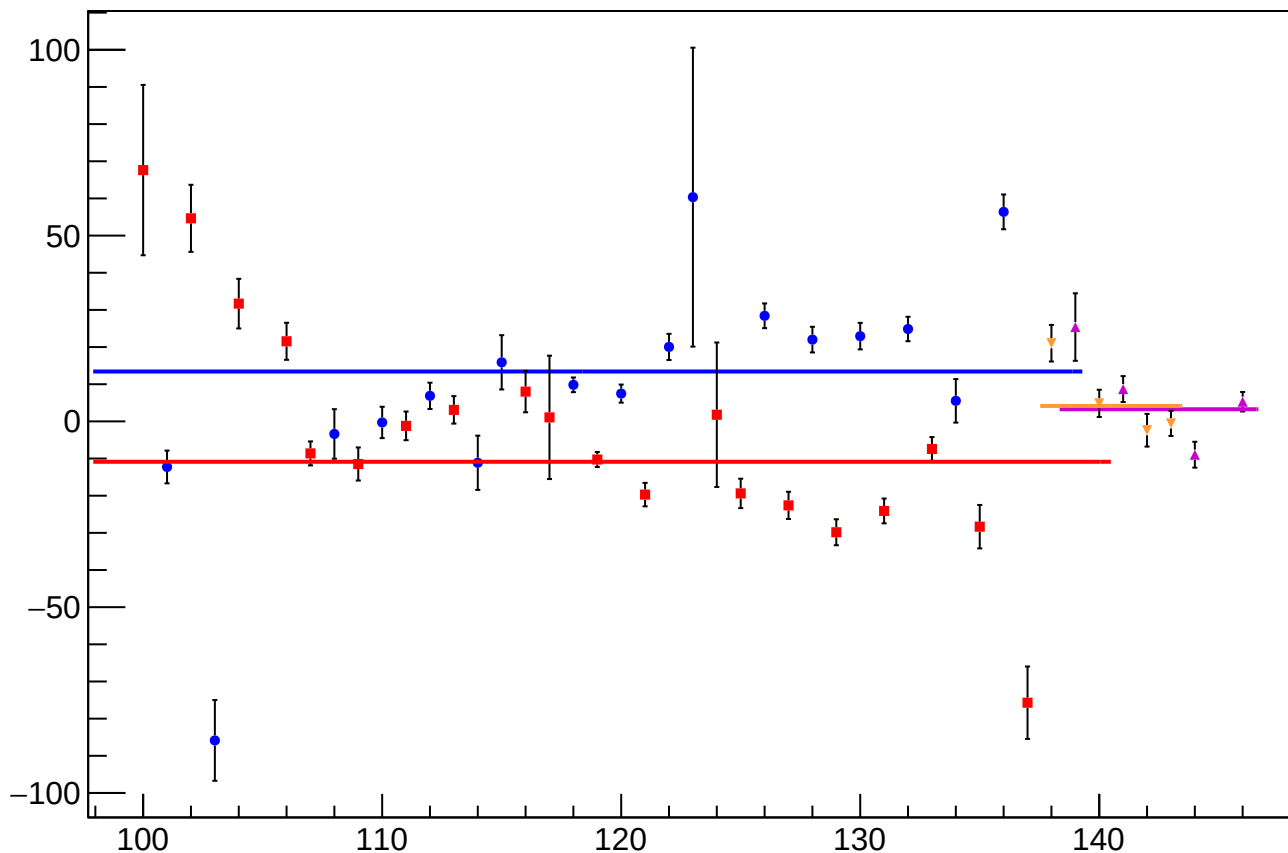
Left In: -256.299+/-2.407 χ^2/NDF :12.4/3

174.944+/-2.552 χ^2/NDF : 1324.8/3

-53.328+/-1.751 χ^2/NDF : 16450.8/7

-256.299+/-2.407 χ^2/NDF : 12.4/3

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423 ± 0.920 $\chi^2/\text{NDF}: 295.2/16$

Left Out: 4.161 ± 1.982 $\chi^2/\text{NDF}: 15.9/3$

Right Out: -10.871 ± 0.915 $\chi^2/\text{NDF}: 303.1/19$

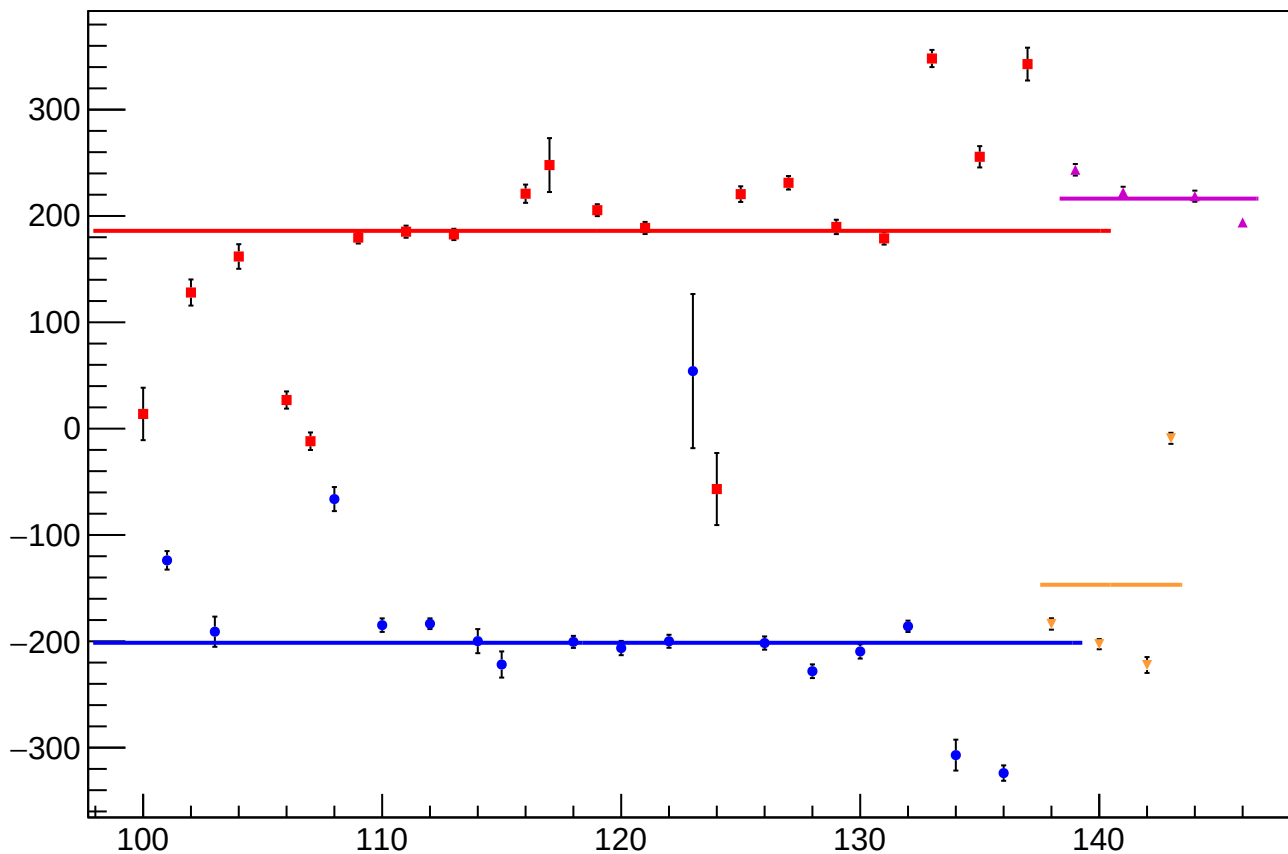
Left In: 3.265 ± 1.762 $\chi^2/\text{NDF}: 21.3/3$

11.783 ± 0.834 $\chi^2/\text{NDF}: 329.1/20$

1.690 ± 0.582 $\chi^2/\text{NDF}: 989.3/44$

-7.871 ± 0.812 $\chi^2/\text{NDF}: 375.1/23$

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: -146.832 ± 2.734 χ^2/NDF : 988.5/3

Right Out: 186.017 ± 1.696 χ^2/NDF : 1755.3/19

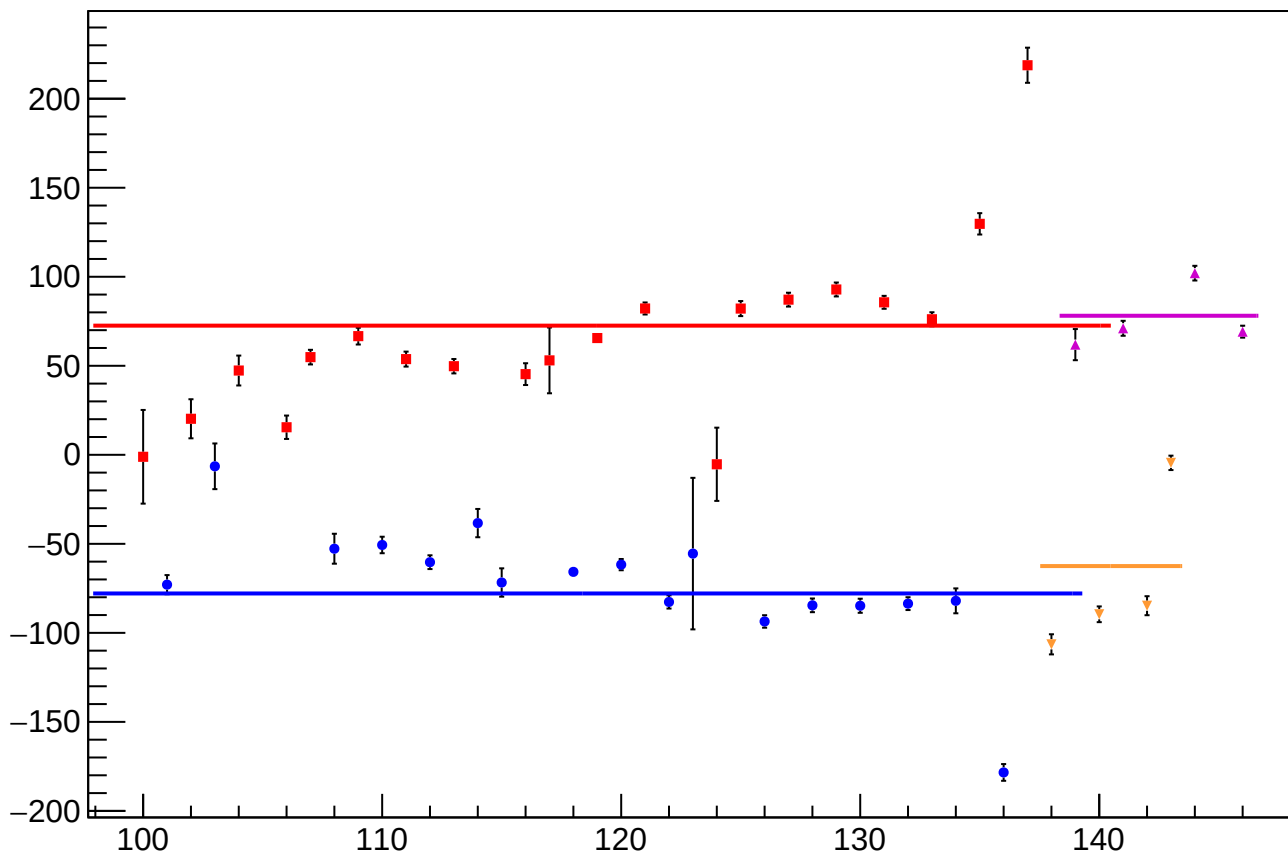
Left In: 216.332 ± 2.489 χ^2/NDF : 53.5/3

-185.154 ± 1.491 χ^2/NDF : 1891.5/20

17.044 ± 1.021 χ^2/NDF : 38414.5/44

195.632 ± 1.402 χ^2/NDF : 1910.1/23

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -62.490 ± 2.366 χ^2/NDF : 320.8/3

Right Out: 72.548 ± 1.052 χ^2/NDF : 608.0/19

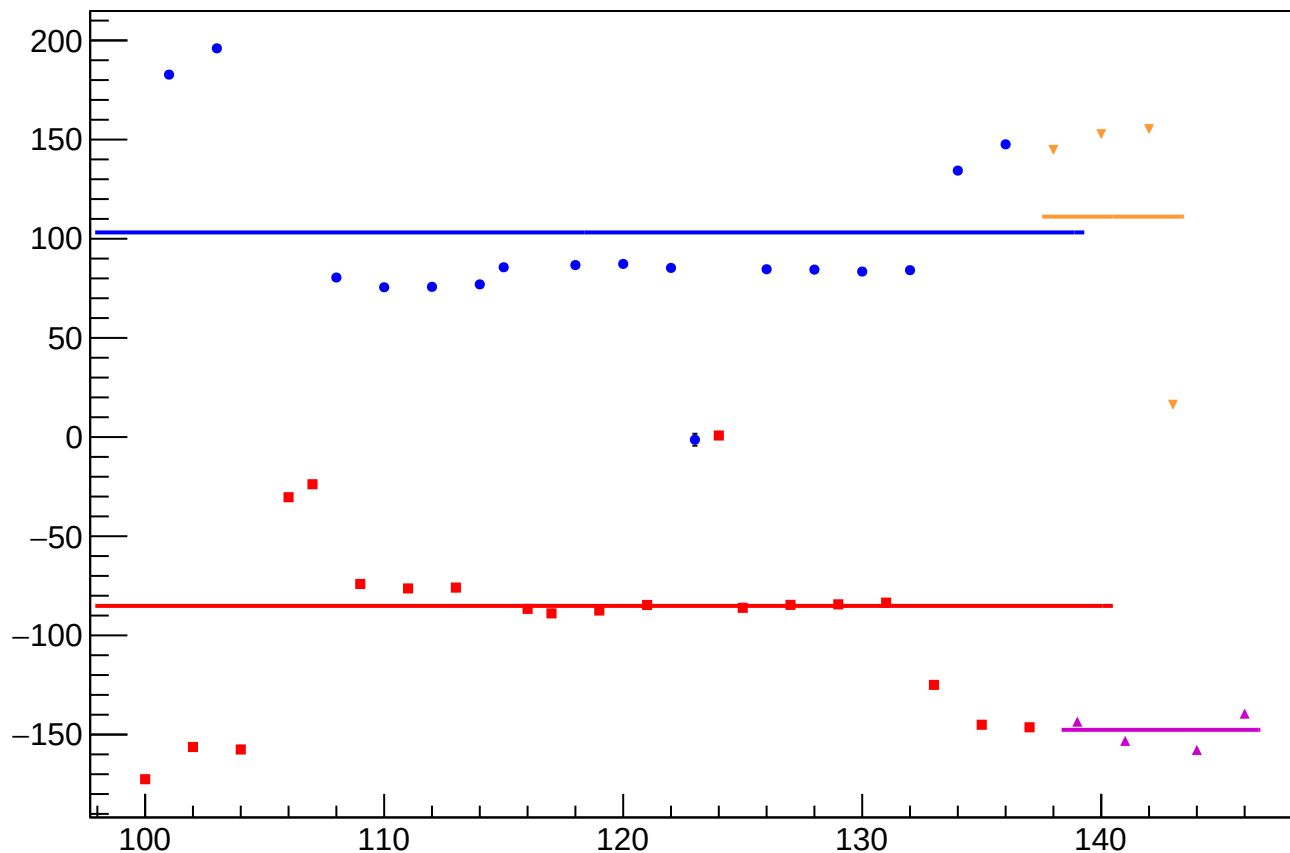
Left In: 78.100 ± 2.146 χ^2/NDF : 46.9/3

-75.282 ± 0.972 χ^2/NDF : 1014.1/20

1.264 ± 0.677 χ^2/NDF : 13748.5/44

73.624 ± 0.945 χ^2/NDF : 660.3/23

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.188 $\pm$ 0.070 χ^2/NDF : 273587.8/16

Left Out: 111.140 $\pm$ 0.112 χ^2/NDF : 294656.4/3

Right Out: -85.132 $\pm$ 0.064 χ^2/NDF : 423532.0/19

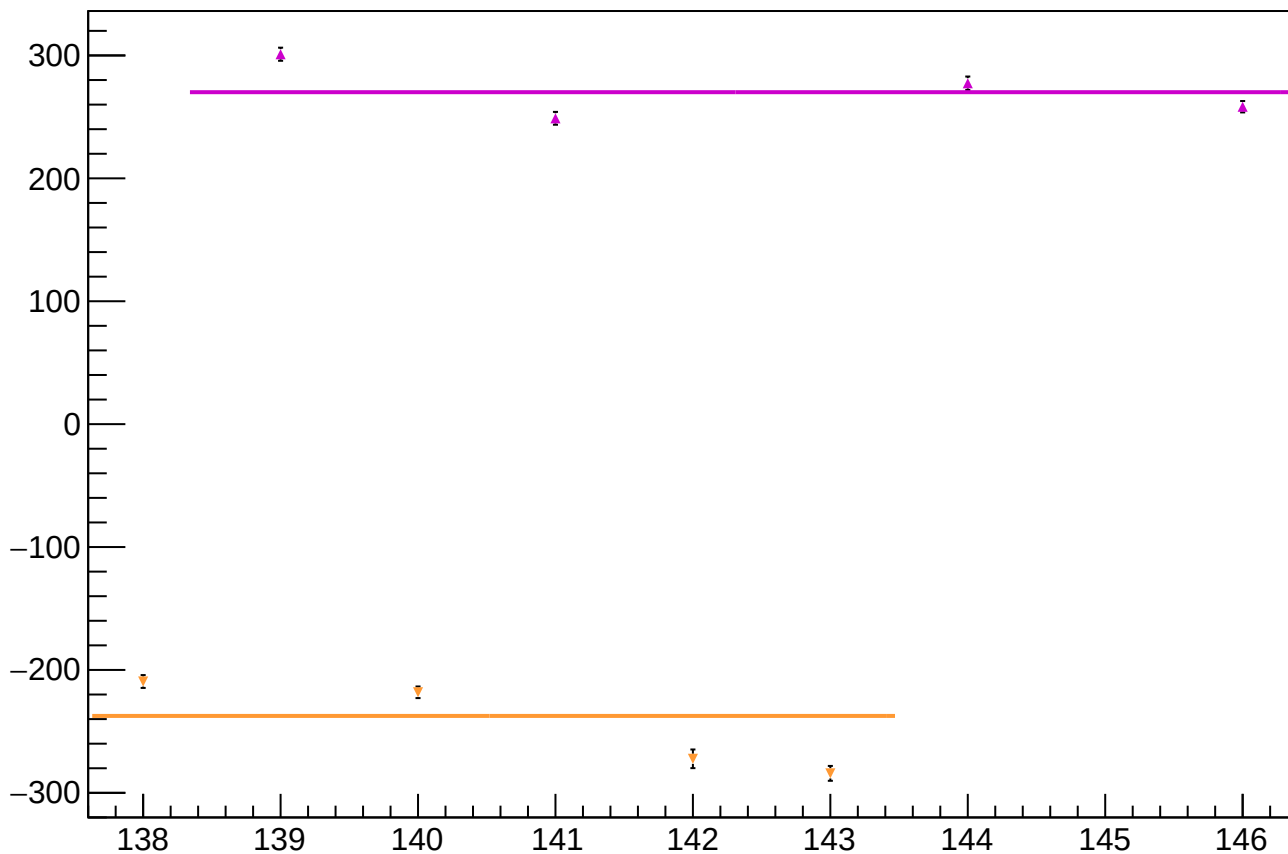
Left In: -147.622 $\pm$ 0.103 χ^2/NDF : 4819.9/3

105.433 $\pm$ 0.060 χ^2/NDF : 571852.0/20

-8.395 $\pm$ 0.040 χ^2/NDF : 7928442.0/44

-102.376 $\pm$ 0.054 χ^2/NDF : 694495.4/23

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: -237.415+/-2.819 χ^2/NDF : 125.9/3

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

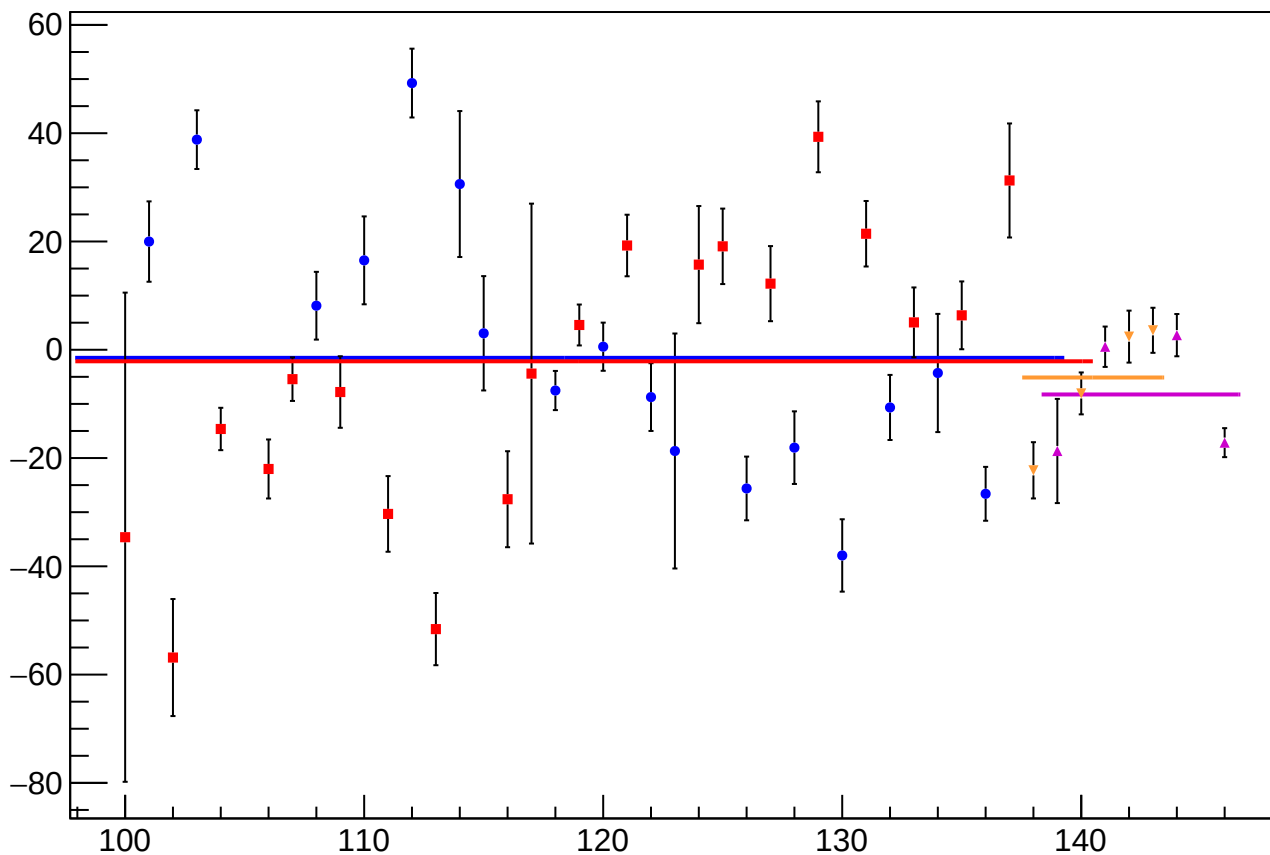
Left In: 270.105+/-2.568 χ^2/NDF : 58.3/3

-237.415+/-2.819 χ^2/NDF : 125.9/3

39.926+/-1.898 χ^2/NDF : 17898.9/7

270.105+/-2.568 χ^2/NDF : 58.3/3

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: -5.123 ± 2.209 χ^2/NDF : 18.3/3

Right Out: -2.131 ± 1.401 χ^2/NDF : 232.6/19

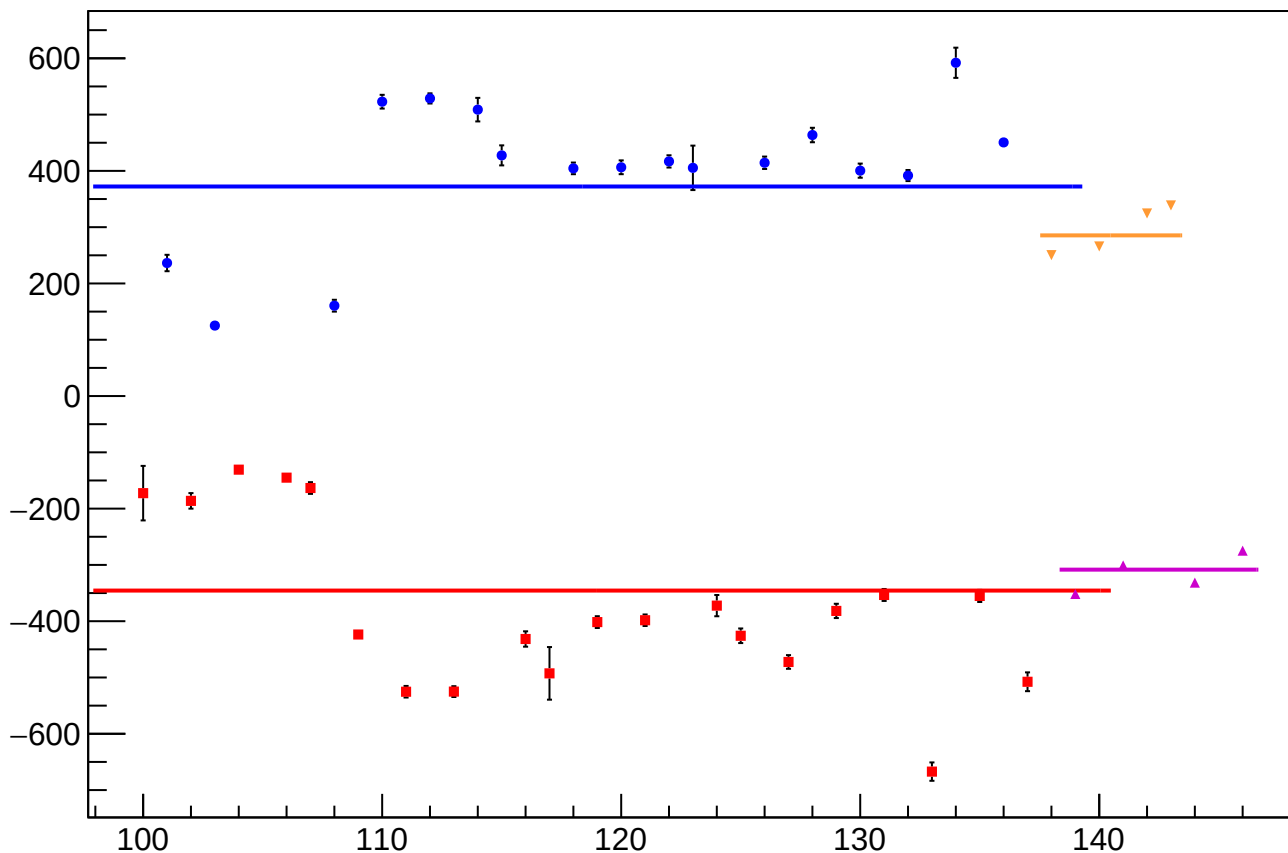
Left In: -8.257 ± 1.864 χ^2/NDF : 25.7/3

-2.652 ± 1.248 χ^2/NDF : 246.3/20

-3.589 ± 0.834 χ^2/NDF : 512.5/44

-4.342 ± 1.120 χ^2/NDF : 265.2/23

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263 ± 2.759 χ^2/NDF : 2433.1/16

Left Out: 285.432 ± 3.020 χ^2/NDF : 144.4/3

Right Out: -345.577 ± 2.558 χ^2/NDF : 3426.4/19

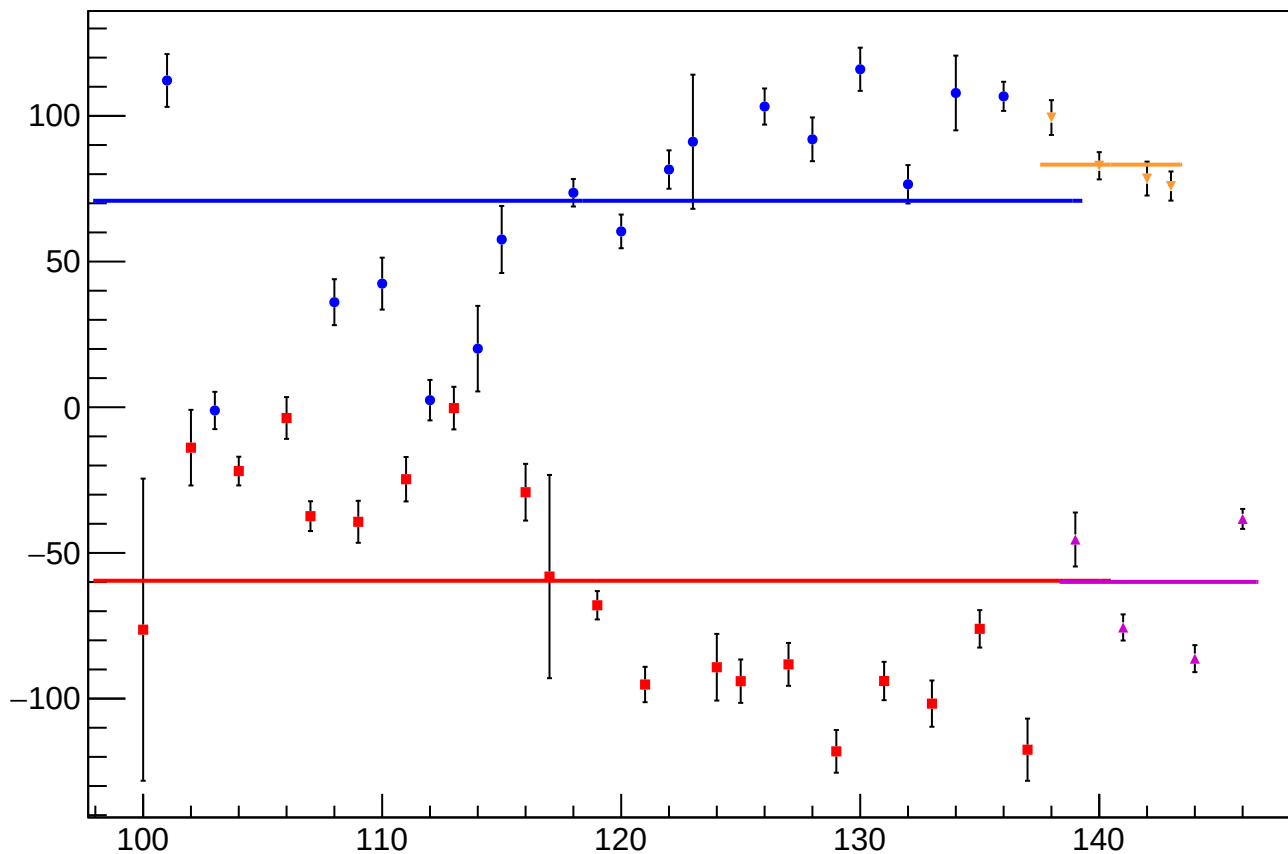
Left In: -308.409 ± 2.648 χ^2/NDF : 131.3/3

332.758 ± 2.037 χ^2/NDF : 3028.0/20

-30.938 ± 1.365 χ^2/NDF : 64560.1/44

-327.636 ± 1.840 χ^2/NDF : 3659.6/23

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: 83.268 $\pm$ 2.641 χ^2/NDF : 10.2/3

Right Out: -59.543 $\pm$ 1.631 χ^2/NDF : 490.9/19

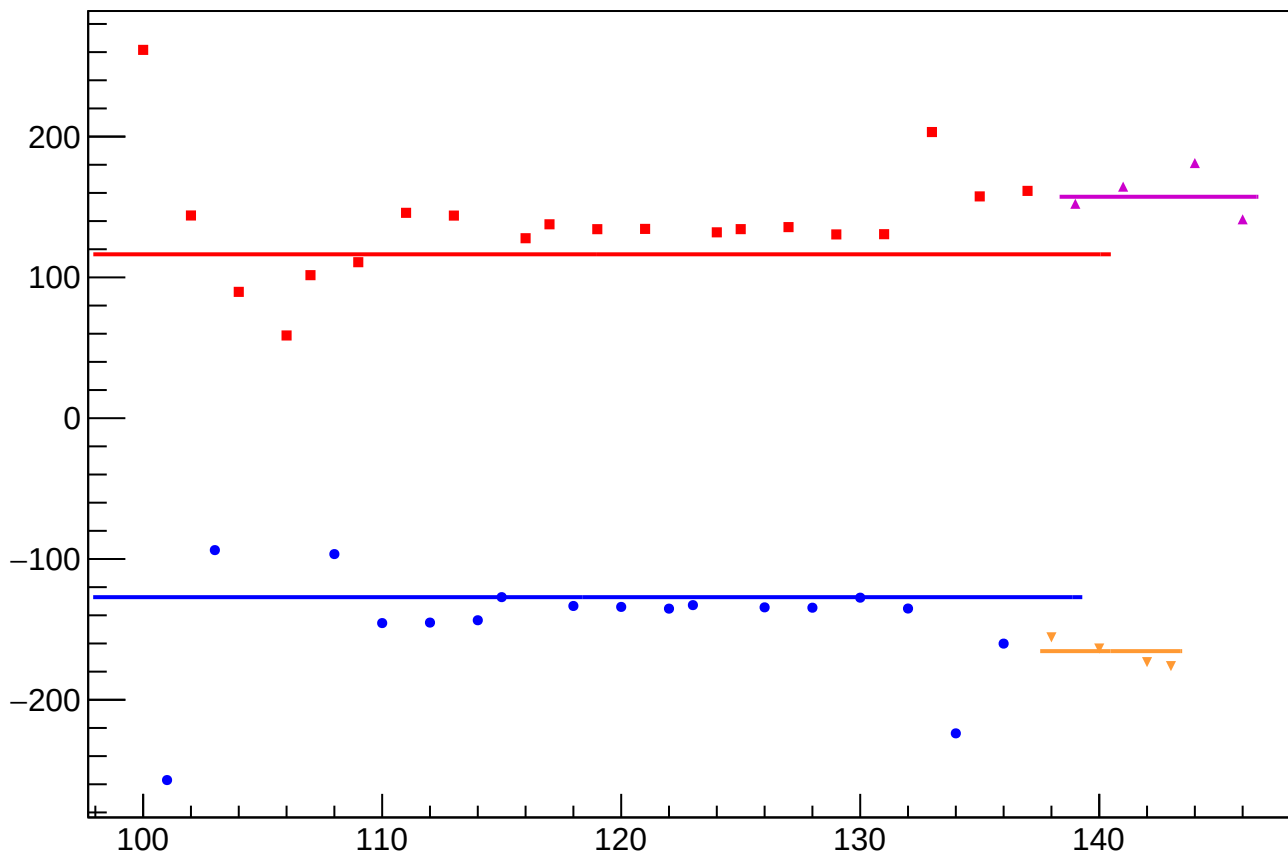
Left In: -59.946 $\pm$ 2.277 χ^2/NDF : 86.7/3

74.629 $\pm$ 1.455 χ^2/NDF : 452.5/20

1.277 $\pm$ 0.980 χ^2/NDF : 5685.6/44

-59.680 $\pm$ 1.326 χ^2/NDF : 577.6/23

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: -165.437+/-0.125 χ^2/NDF : 4218.8/3

Right Out: 116.401+/-0.083 χ^2/NDF : 167694.5/19

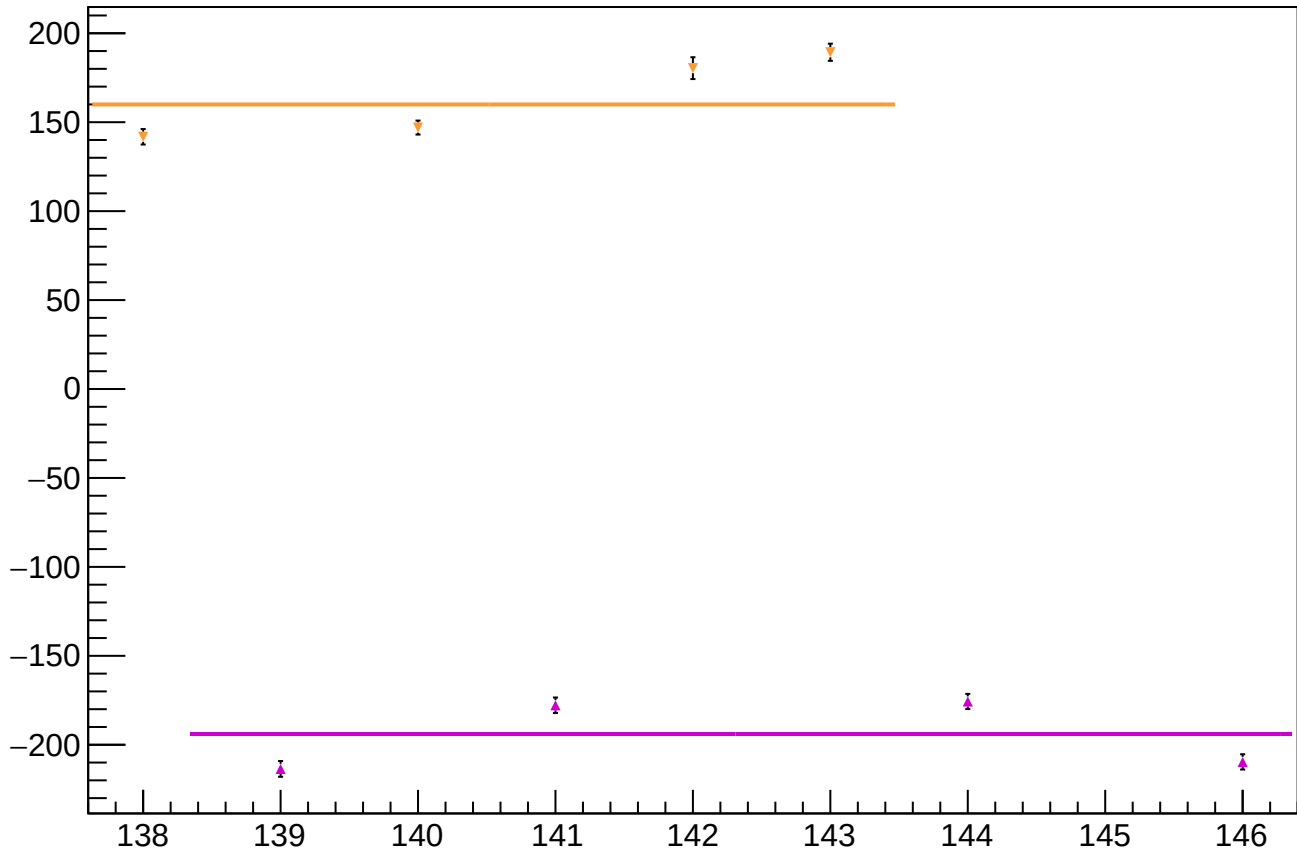
Left In: 157.273+/-0.110 χ^2/NDF : 16524.3/3

-140.147+/-0.073 χ^2/NDF : 233791.3/20

8.295+/-0.049 χ^2/NDF : 8141018.8/44

131.253+/-0.066 χ^2/NDF : 272628.6/23

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: 159.981+/-2.312 χ^2/NDF : 76.4/3

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

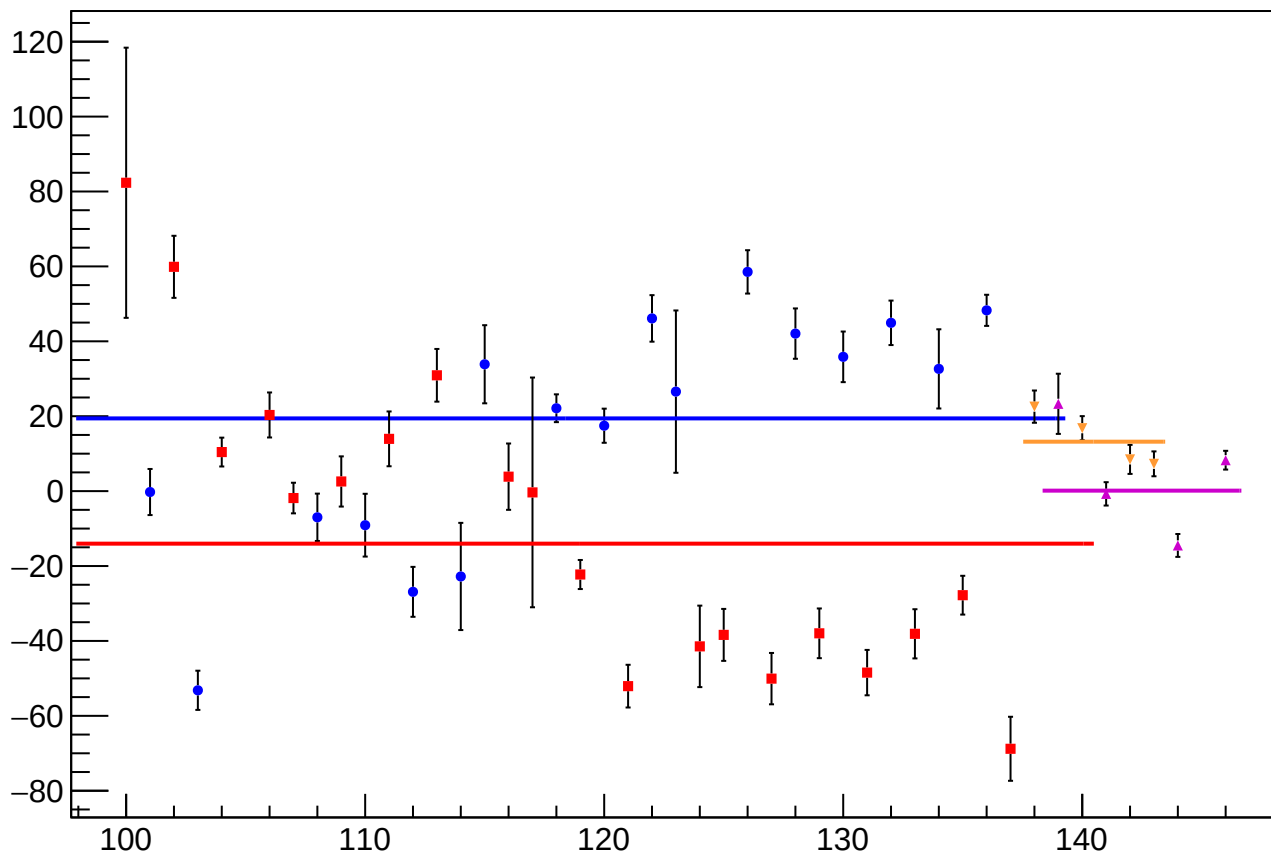
Left In: -193.937+/-2.173 χ^2/NDF : 64.7/3

159.981+/-2.312 χ^2/NDF : 76.4/3

-27.977+/-1.583 χ^2/NDF : 12581.8/7

-193.937+/-2.173 χ^2/NDF : 64.7/3

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.416 ± 1.480 $\chi^2/\text{NDF}: 441.1/16$

Left Out: 13.202 ± 1.804 $\chi^2/\text{NDF}: 10.6/3$

Right Out: -14.027 ± 1.391 $\chi^2/\text{NDF}: 436.7/19$

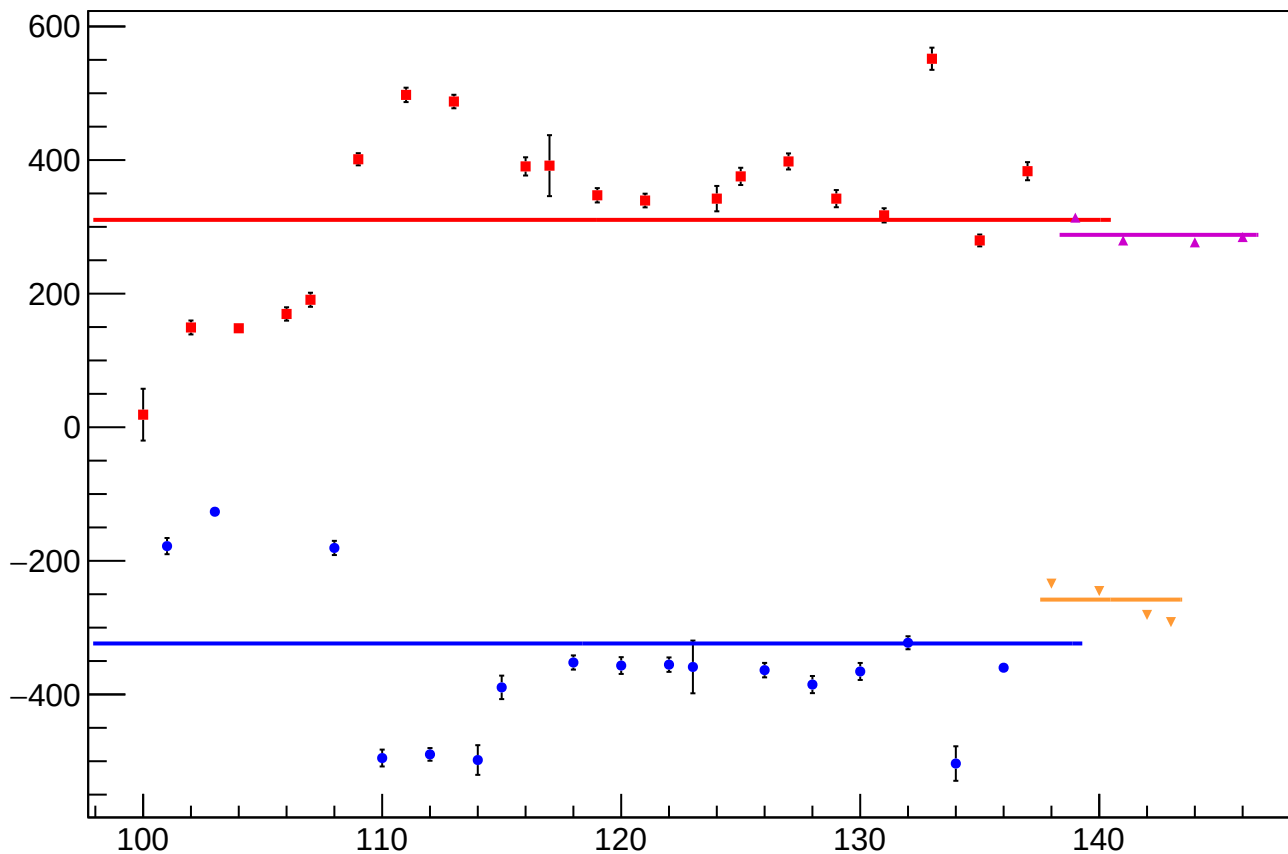
Left In: 0.128 ± 1.612 $\chi^2/\text{NDF}: 41.9/3$

16.916 ± 1.144 $\chi^2/\text{NDF}: 458.8/20$

3.433 ± 0.775 $\chi^2/\text{NDF}: 1238.2/44$

-7.986 ± 1.053 $\chi^2/\text{NDF}: 522.9/23$

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: -258.032+/-2.478 χ^2/NDF : 90.0/3

Right Out: 310.471+/-2.519 χ^2/NDF : 2303.1/19

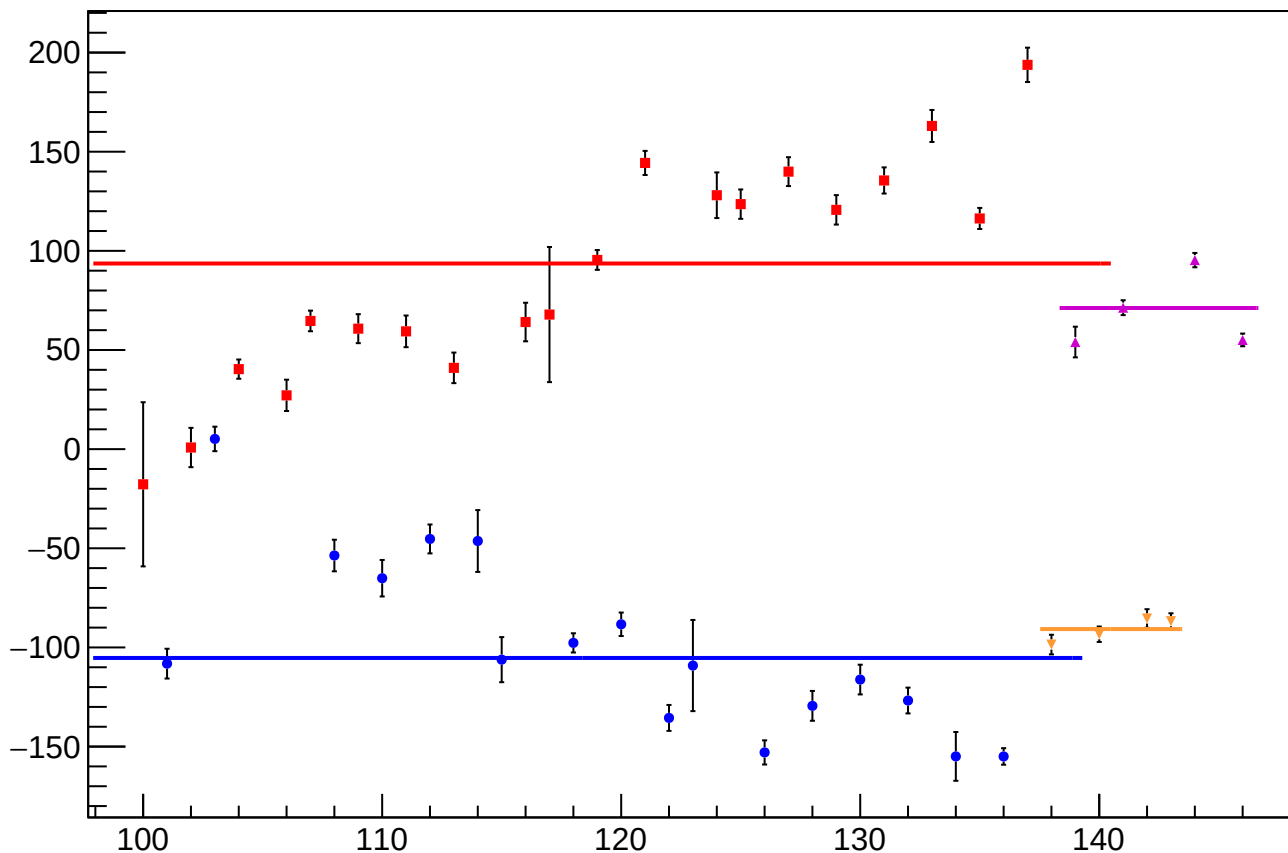
Left In: 288.041+/-2.255 χ^2/NDF : 38.6/3

-288.449+/-1.816 χ^2/NDF : 2266.2/20

27.437+/-1.233 χ^2/NDF : 60854.7/44

298.022+/-1.680 χ^2/NDF : 2385.8/23

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: -90.736 ± 2.157 χ^2/NDF : 5.2/3

Right Out: 93.622 ± 1.610 χ^2/NDF : 827.1/19

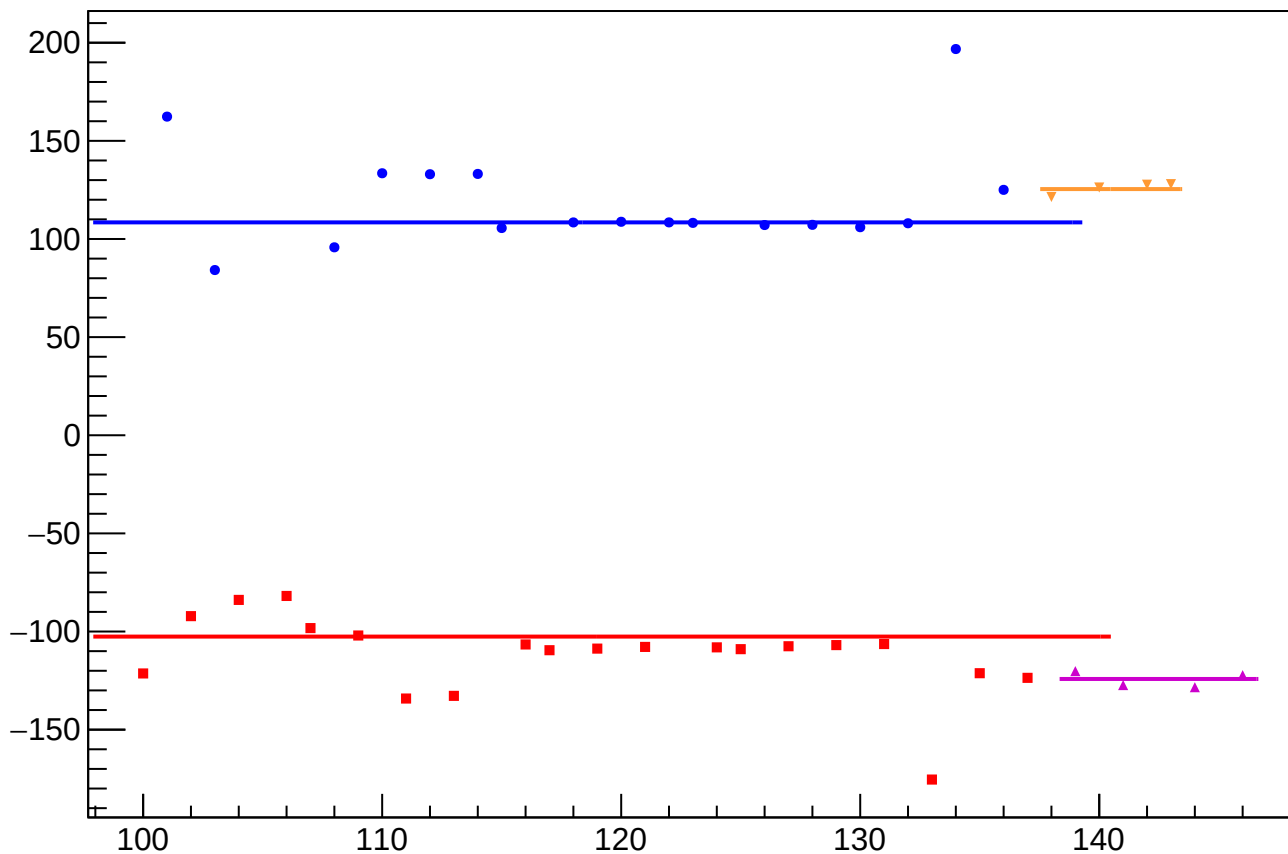
Left In: 71.180 ± 1.955 χ^2/NDF : 74.7/3

-99.751 ± 1.332 χ^2/NDF : 771.0/20

-1.230 ± 0.909 χ^2/NDF : 11988.2/44

84.556 ± 1.243 χ^2/NDF : 980.3/23

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: 125.428 ± 0.102 χ^2/NDF : 700.4/3

Right Out: -102.580 ± 0.079 χ^2/NDF : 53154.7/19

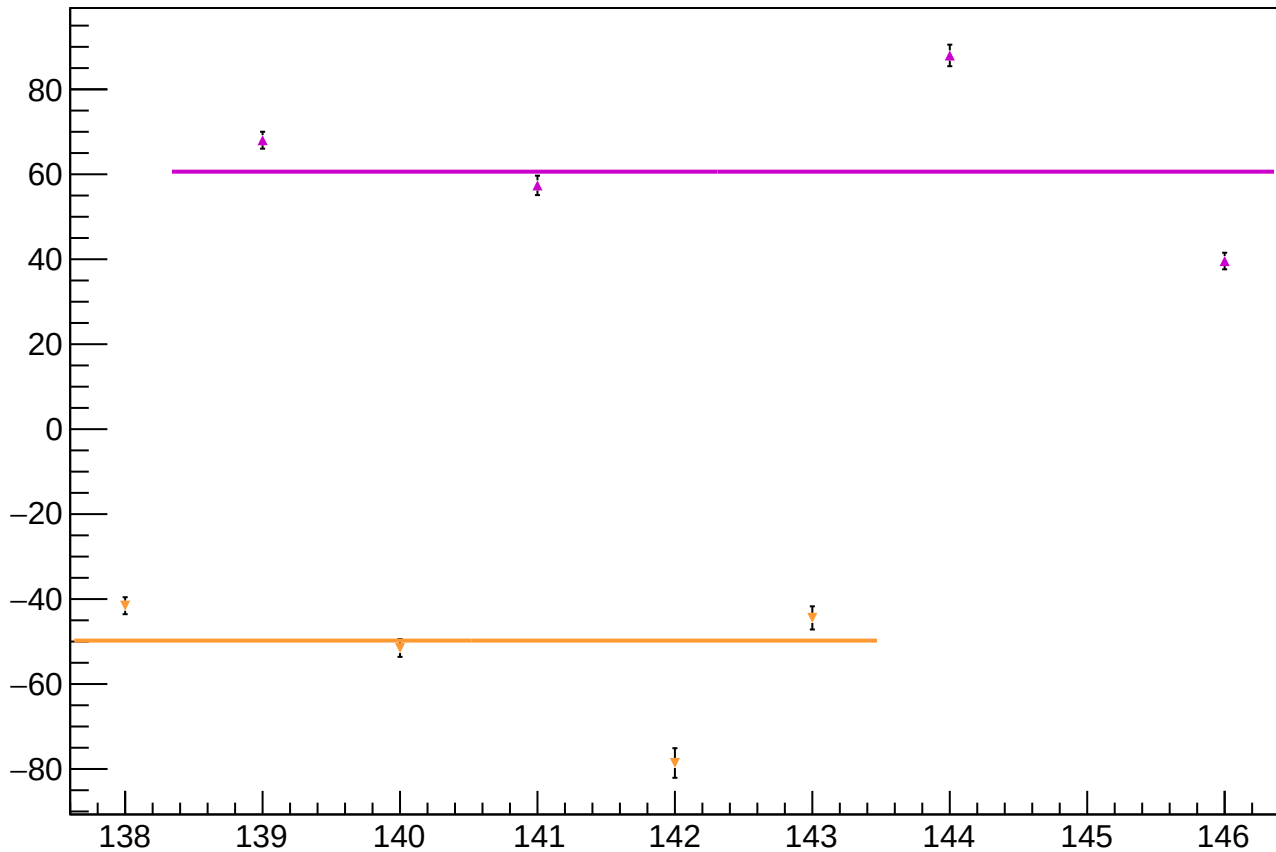
Left In: -124.174 ± 0.093 χ^2/NDF : 1373.4/3

115.384 ± 0.065 χ^2/NDF : 90368.6/20

-6.852 ± 0.044 χ^2/NDF : 6708766.1/44

-111.692 ± 0.060 χ^2/NDF : 85736.9/23

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -49.772+/-1.198 χ^2/NDF : 89.7/3

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

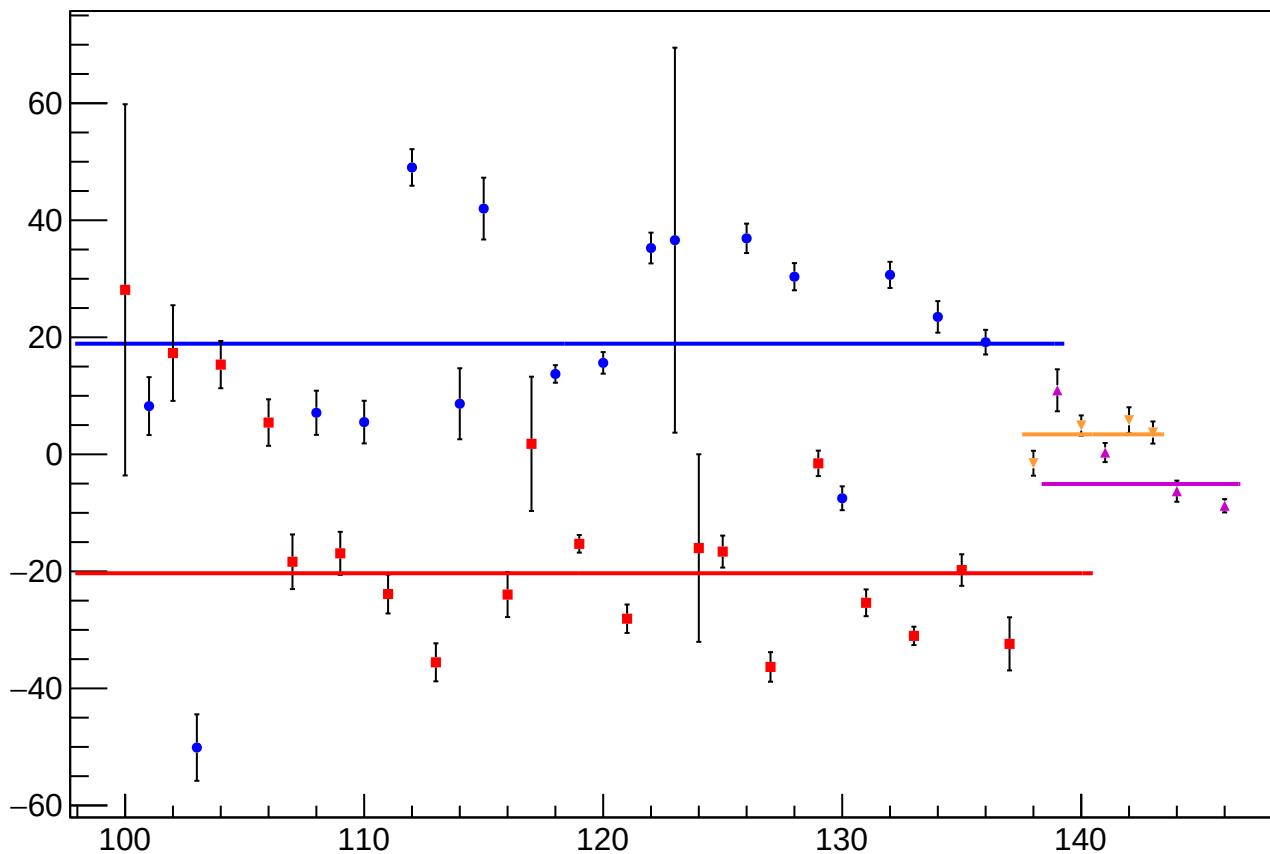
Left In: 60.618+/-1.078 χ^2/NDF : 248.2/3

-49.772+/-1.198 χ^2/NDF : 89.7/3

11.256+/-0.801 χ^2/NDF : 5029.7/7

60.618+/-1.078 χ^2/NDF : 248.2/3

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.906 ± 0.644 χ^2/NDF : 618.9/16

Left Out: 3.417 ± 0.980 χ^2/NDF : 7.4/3

Right Out: -20.320 ± 0.643 χ^2/NDF : 369.0/19

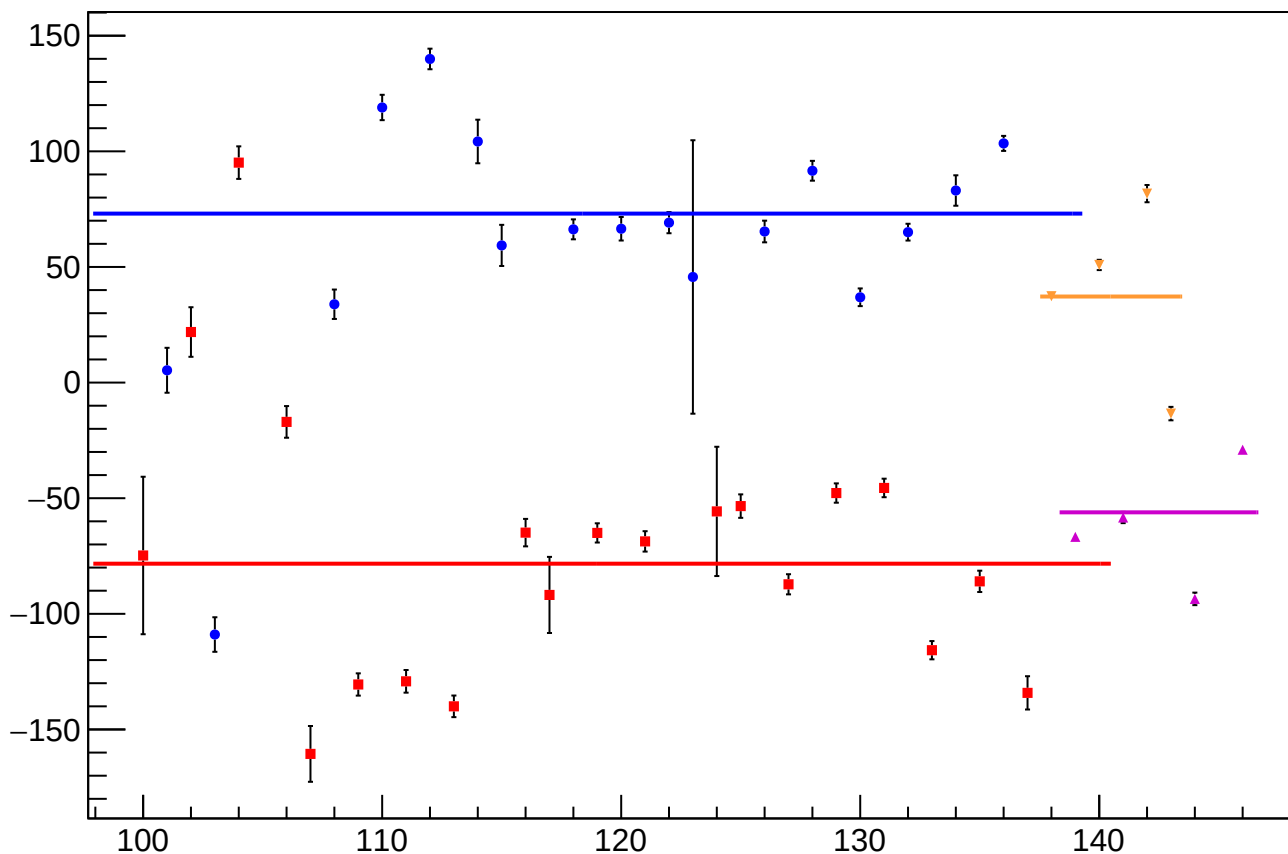
Left In: -5.066 ± 0.809 χ^2/NDF : 41.8/3

14.240 ± 0.538 χ^2/NDF : 800.8/20

-1.043 ± 0.368 χ^2/NDF : 2942.9/44

-14.418 ± 0.503 χ^2/NDF : 628.7/23

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071+/-1.228 χ^2/NDF : 1200.0/16

Left Out: 37.214+/-1.286 χ^2/NDF : 483.0/3

Right Out: -78.316+/-1.219 χ^2/NDF : 1543.3/19

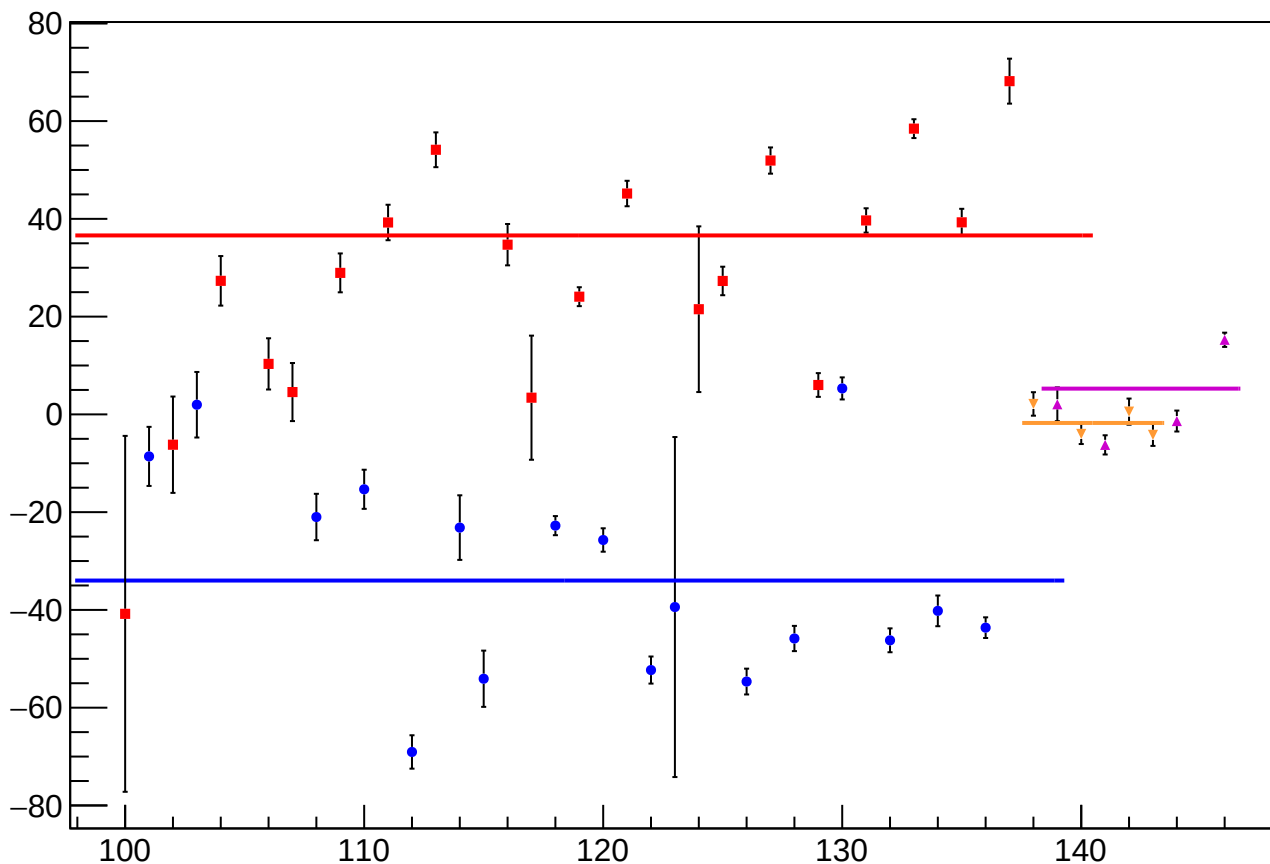
Left In: -56.110+/-1.113 χ^2/NDF : 425.5/3

55.971+/-0.888 χ^2/NDF : 2089.7/20

-9.820+/-0.603 χ^2/NDF : 14432.3/44

-66.207+/-0.822 χ^2/NDF : 2149.7/23

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: -1.754 ± 1.160 χ^2/NDF : 5.7/3

Right Out: 36.607 ± 0.736 χ^2/NDF : 549.8/19

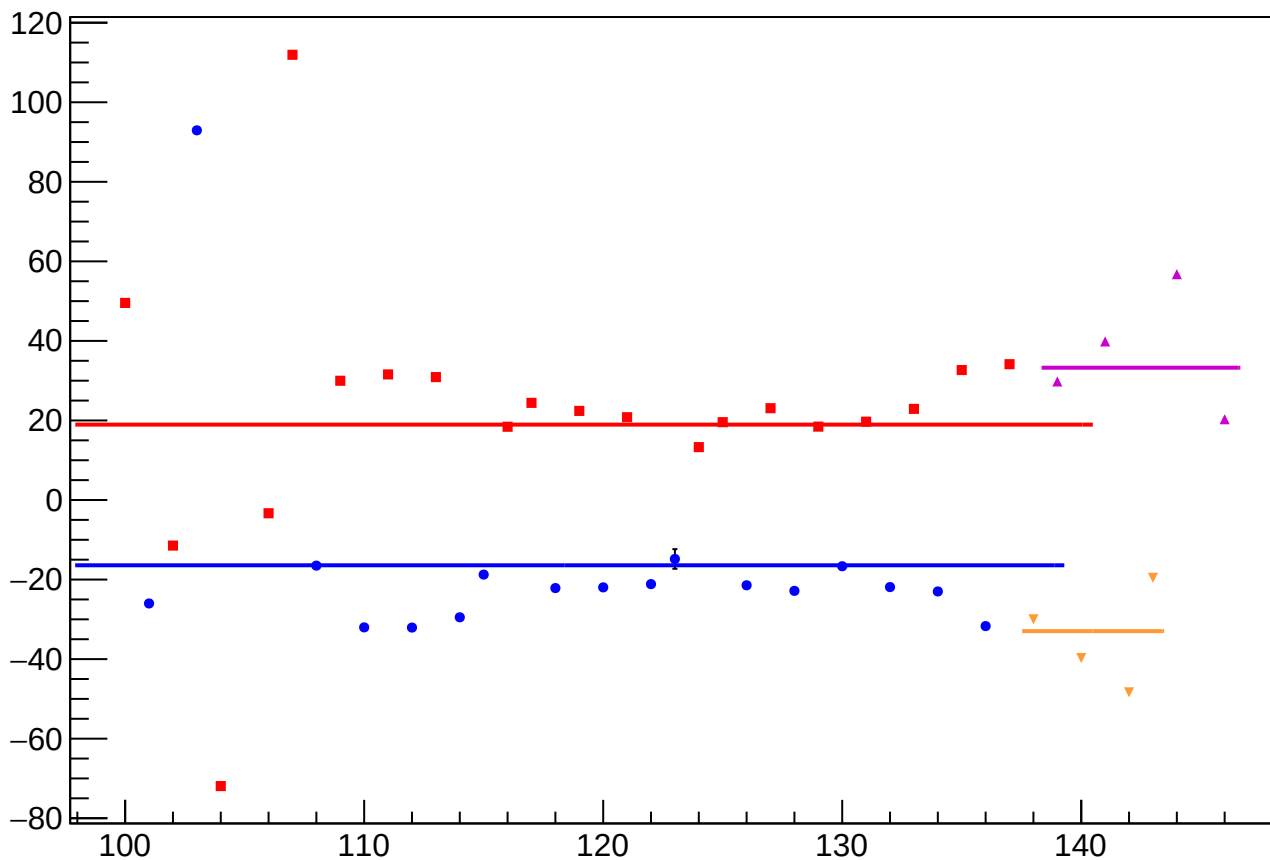
Left In: 5.269 ± 0.985 χ^2/NDF : 91.6/3

-24.739 ± 0.622 χ^2/NDF : 1275.7/20

1.662 ± 0.428 χ^2/NDF : 5990.9/44

25.390 ± 0.589 χ^2/NDF : 1291.1/23

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.408 $\pm$ 0.044 χ^2 /NDF: 474368.4/16

Left Out: -32.967 $\pm$ 0.052 χ^2 /NDF: 29972.8/3

Right Out: 18.954 $\pm$ 0.045 χ^2 /NDF: 434204.7/19

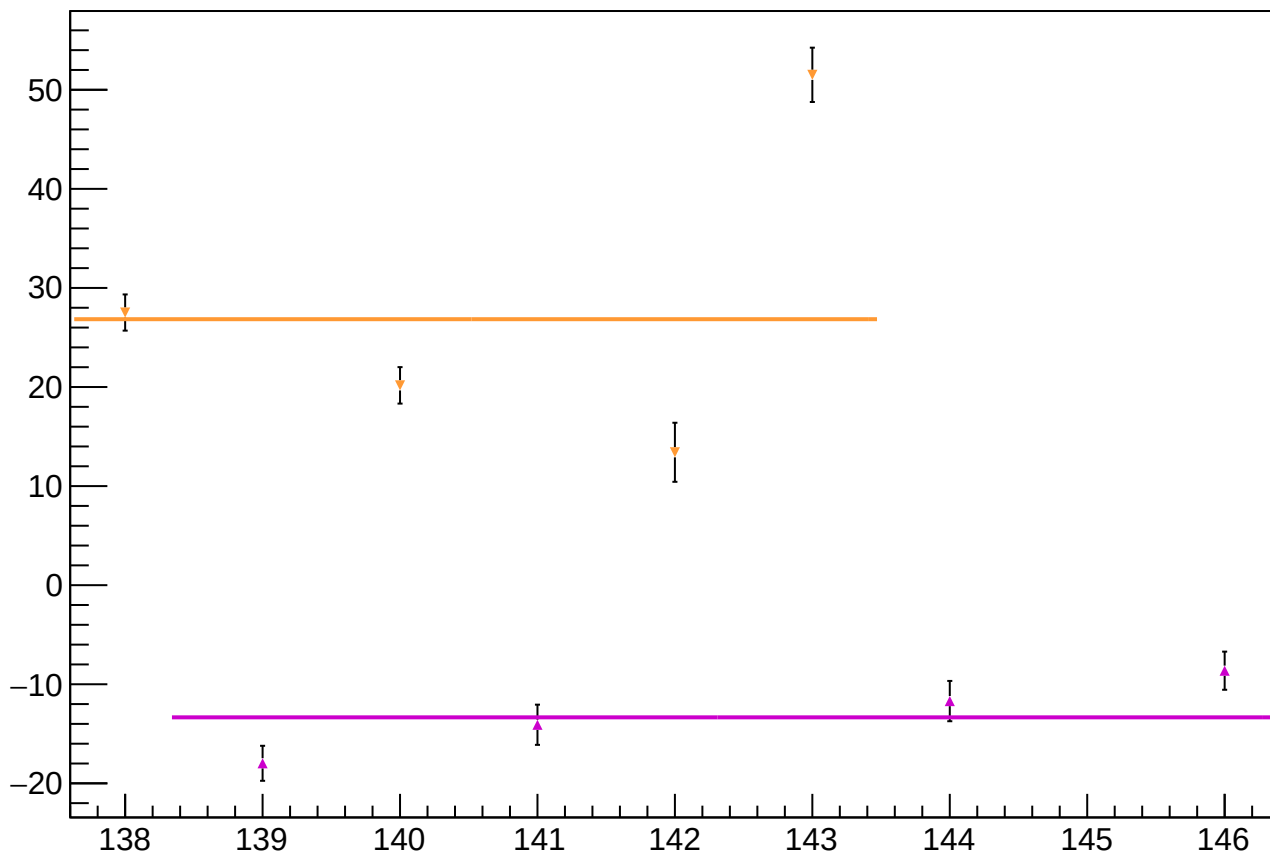
Left In: 33.265 $\pm$ 0.045 χ^2 /NDF: 68355.9/3

-23.342 $\pm$ 0.034 χ^2 /NDF: 562534.2/20

2.721 $\pm$ 0.023 χ^2 /NDF: 2237676.5/44

26.058 $\pm$ 0.032 χ^2 /NDF: 552421.1/23

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 26.845+/-1.091 χ^2/NDF : 114.6/3

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

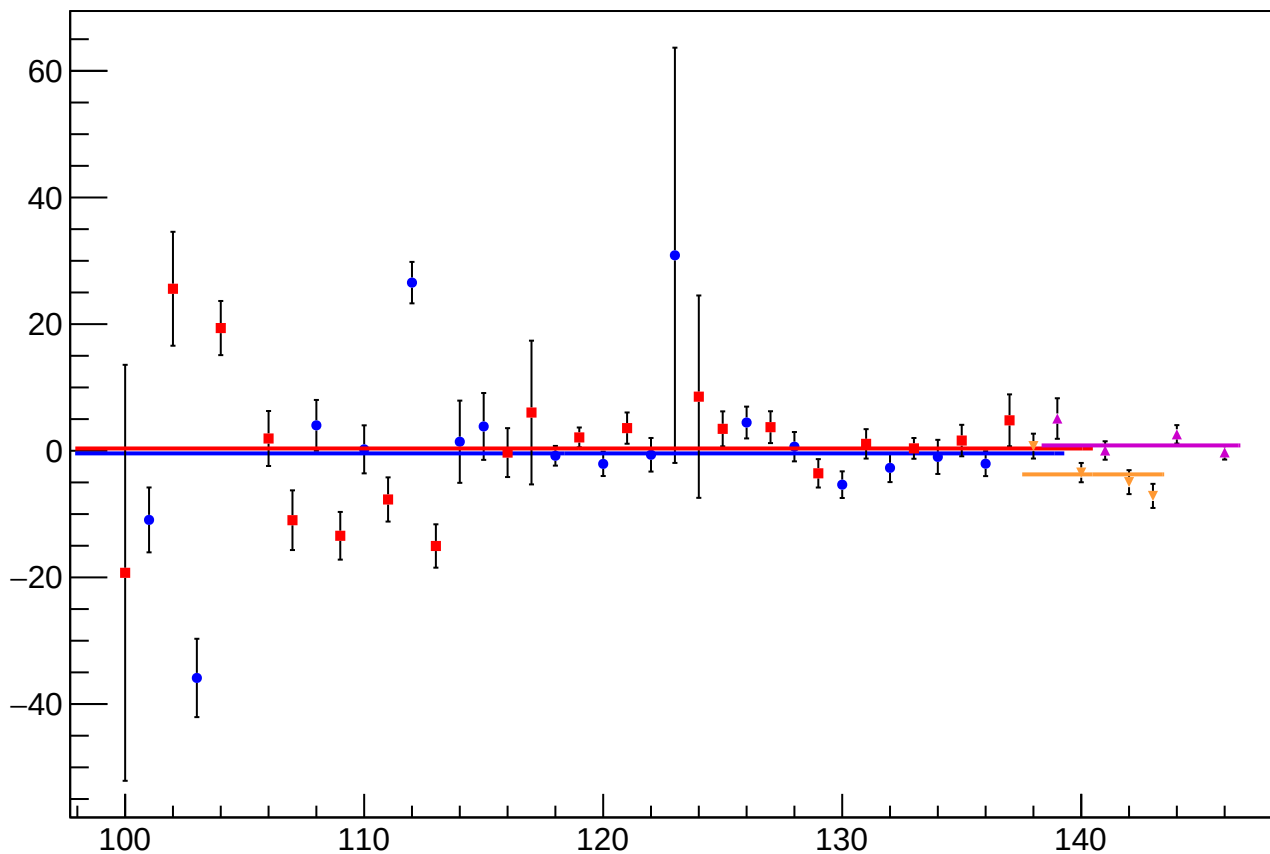
Left In: -13.340+/-0.964 χ^2/NDF : 13.7/3

26.845+/-1.091 χ^2/NDF : 114.6/3

4.294+/-0.723 χ^2/NDF : 890.0/7

-13.340+/-0.964 χ^2/NDF : 13.7/3

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: -3.731 ± 0.896 χ^2/NDF : 8.8/3

Right Out: 0.361 ± 0.656 χ^2/NDF : 84.0/19

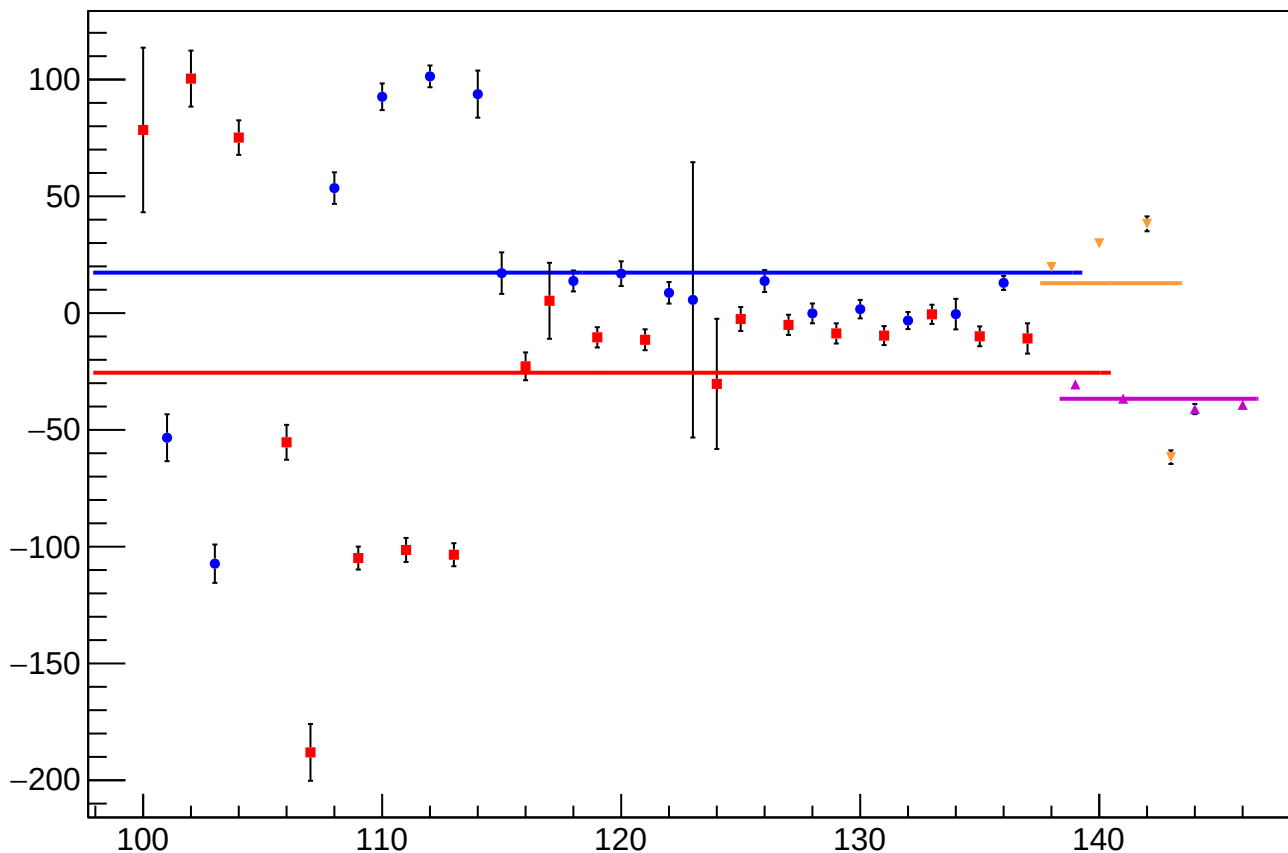
Left In: 0.844 ± 0.741 χ^2/NDF : 4.5/3

-1.565 ± 0.528 χ^2/NDF : 137.7/20

-0.419 ± 0.360 χ^2/NDF : 235.2/44

0.574 ± 0.491 χ^2/NDF : 88.7/23

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.328 ± 1.239 $\chi^2/\text{NDF}: 943.2/16$

Left Out: 12.814 ± 1.171 $\chi^2/\text{NDF}: 799.2/3$

Right Out: -25.521 ± 1.239 $\chi^2/\text{NDF}: 1382.7/19$

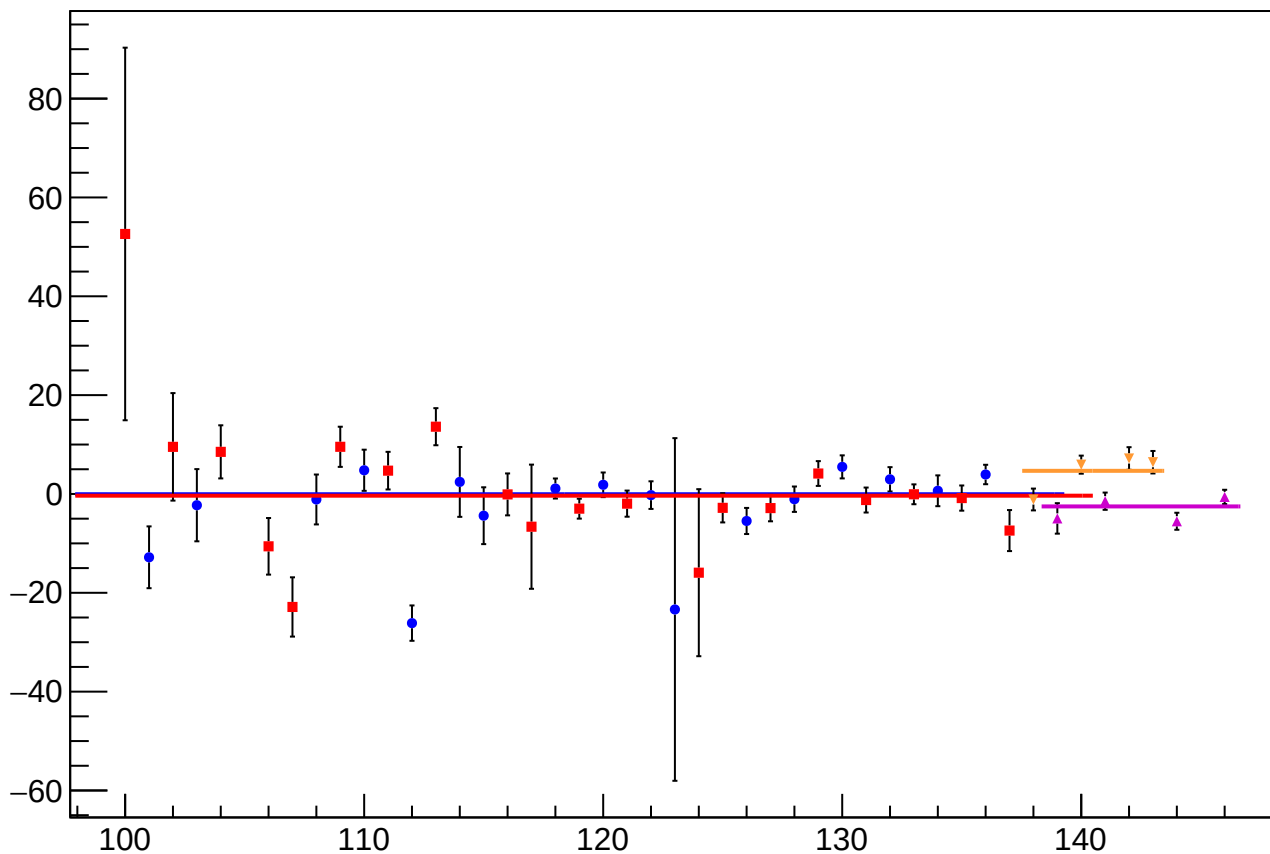
Left In: -36.674 ± 1.003 $\chi^2/\text{NDF}: 16.5/3$

14.944 ± 0.851 $\chi^2/\text{NDF}: 1749.3/20$

-10.719 ± 0.575 $\chi^2/\text{NDF}: 4871.0/44$

-32.261 ± 0.779 $\chi^2/\text{NDF}: 1448.1/23$

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: 4.681 ± 1.060 χ^2/NDF : 9.2/3

Right Out: -0.348 ± 0.748 χ^2/NDF : 55.4/19

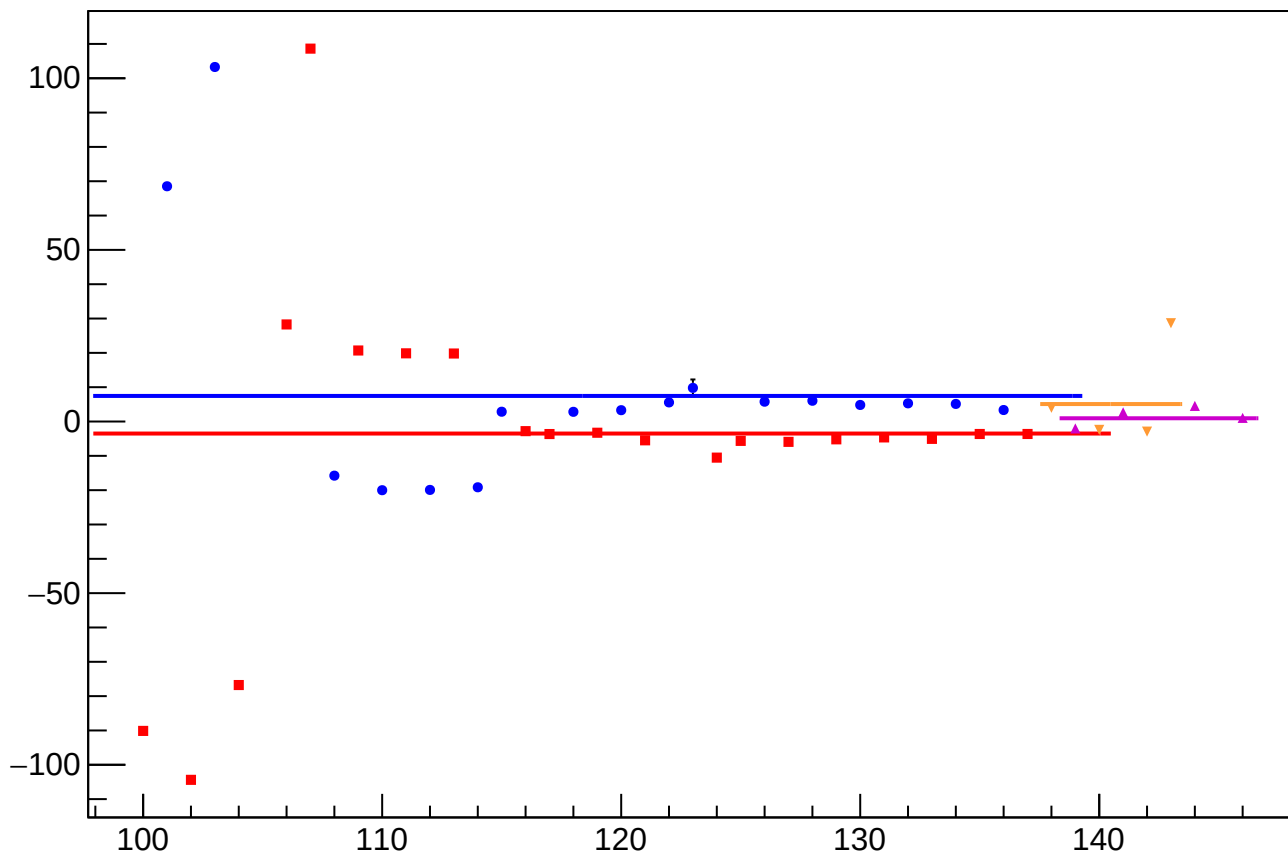
Left In: -2.522 ± 0.895 χ^2/NDF : 5.8/3

1.504 ± 0.609 χ^2/NDF : 99.1/20

0.050 ± 0.418 χ^2/NDF : 174.5/44

-1.243 ± 0.574 χ^2/NDF : 64.6/23

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: 5.090 ± 0.048 χ^2/NDF : 52405.1/3

Right Out: -3.503 ± 0.045 χ^2/NDF : 510579.7/19

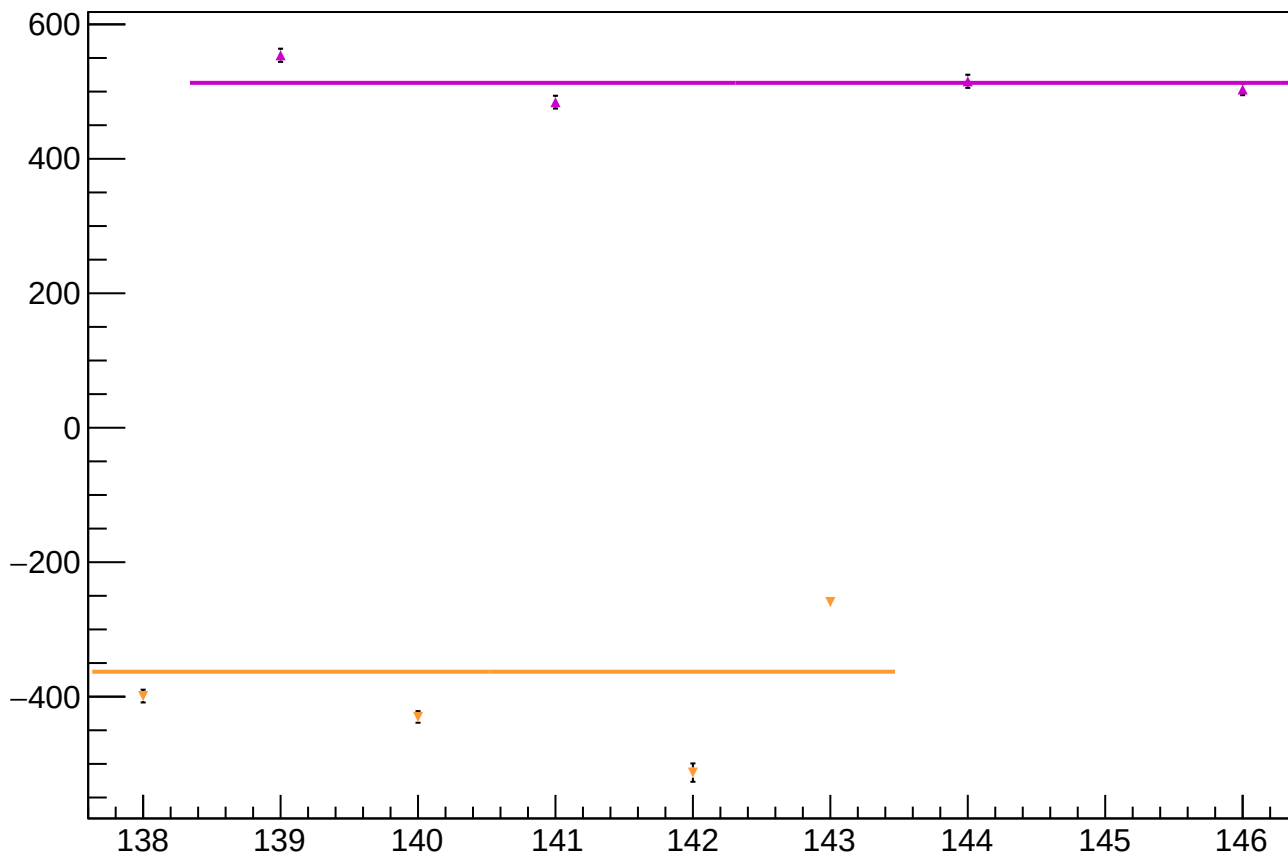
Left In: 0.947 ± 0.041 χ^2/NDF : 3759.1/3

6.354 ± 0.032 χ^2/NDF : 409777.2/20

2.410 ± 0.022 χ^2/NDF : 957061.3/44

-1.039 ± 0.030 χ^2/NDF : 519642.4/23

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: -362.893+/-4.468 χ^2/NDF : 413.5/3

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

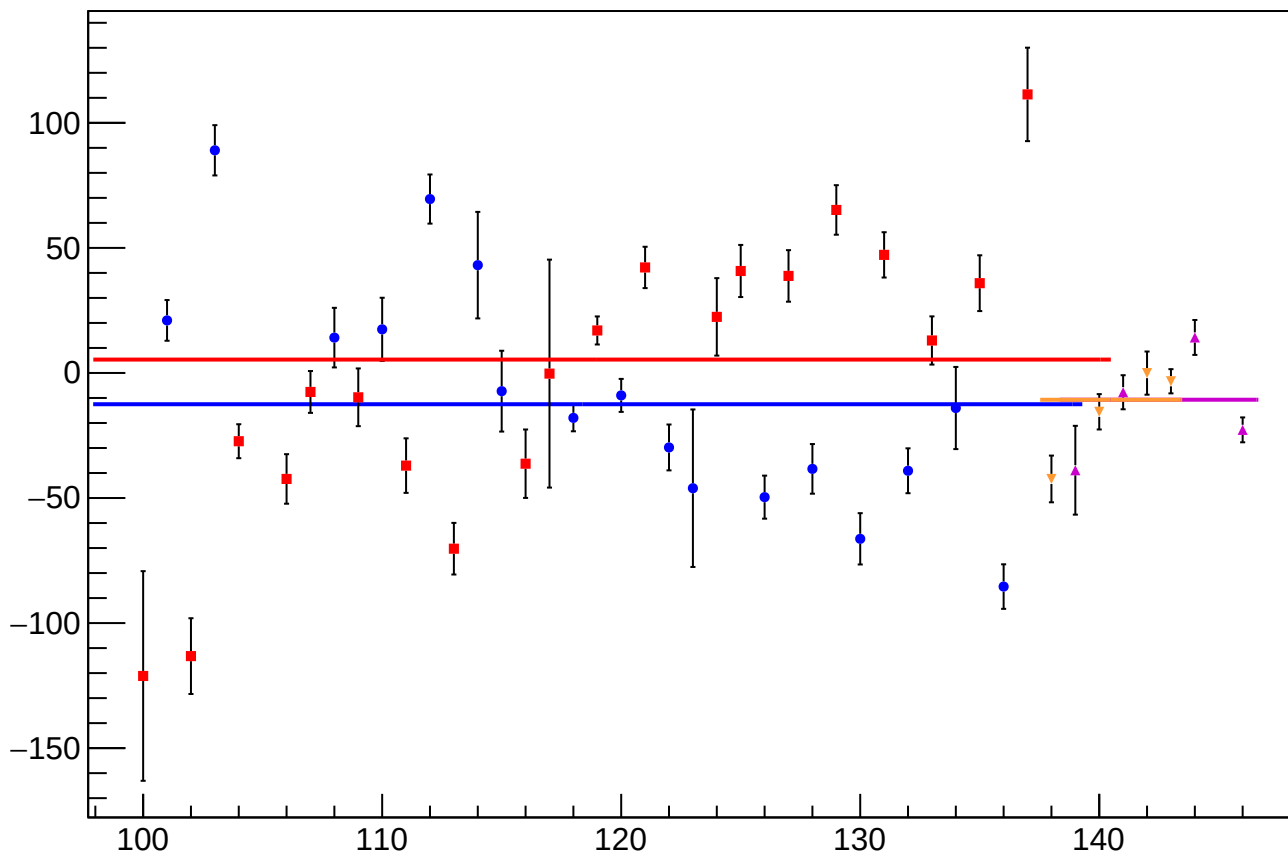
Left In: 513.007+/-4.700 χ^2/NDF : 27.7/3

-362.893+/-4.468 χ^2/NDF : 413.5/3

52.866+/-3.238 χ^2/NDF : 18682.9/7

513.007+/-4.700 χ^2/NDF : 27.7/3

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: -10.721 ± 3.379 χ^2/NDF : 15.8/3

Right Out: 5.349 ± 2.261 χ^2/NDF : 344.6/19

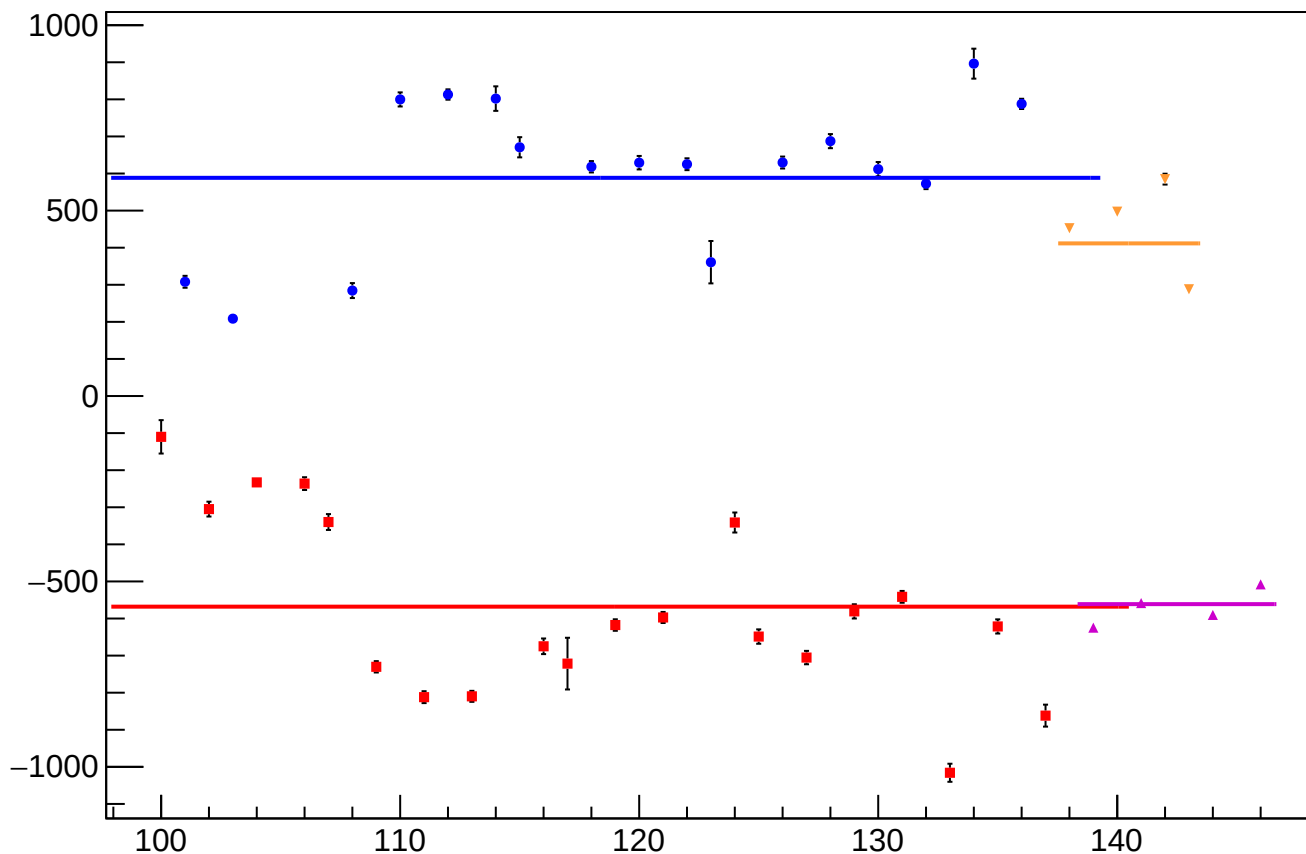
Left In: -10.700 ± 3.416 χ^2/NDF : 21.3/3

-11.933 ± 1.908 χ^2/NDF : 357.1/20

-5.666 ± 1.341 χ^2/NDF : 759.7/44

0.459 ± 1.886 χ^2/NDF : 381.3/23

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: 411.596 ± 4.783 χ^2/NDF : 515.2/3

Right Out: -567.992 ± 4.130 χ^2/NDF : 2789.7/19

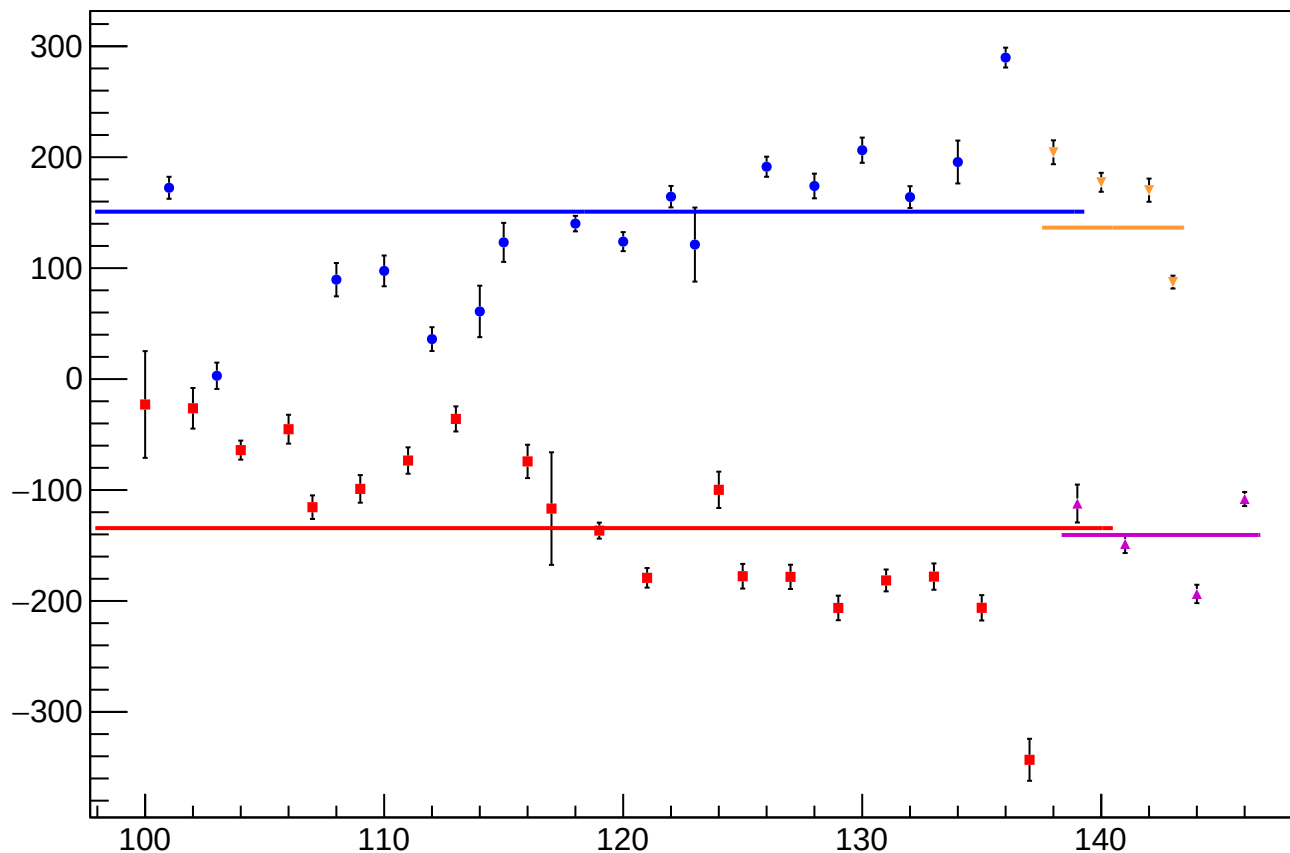
Left In: -561.194 ± 4.852 χ^2/NDF : 85.5/3

508.970 ± 3.206 χ^2/NDF : 3398.0/20

-38.450 ± 2.245 χ^2/NDF : 63477.3/44

-565.136 ± 3.145 χ^2/NDF : 2876.3/23

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.891 $\pm$ 2.674 χ^2/NDF : 634.8/16

Left Out: 136.512 $\pm$ 4.045 χ^2/NDF :144.5/3

Right Out: -134.334 $\pm$ 2.616 χ^2/NDF : 585.0/19

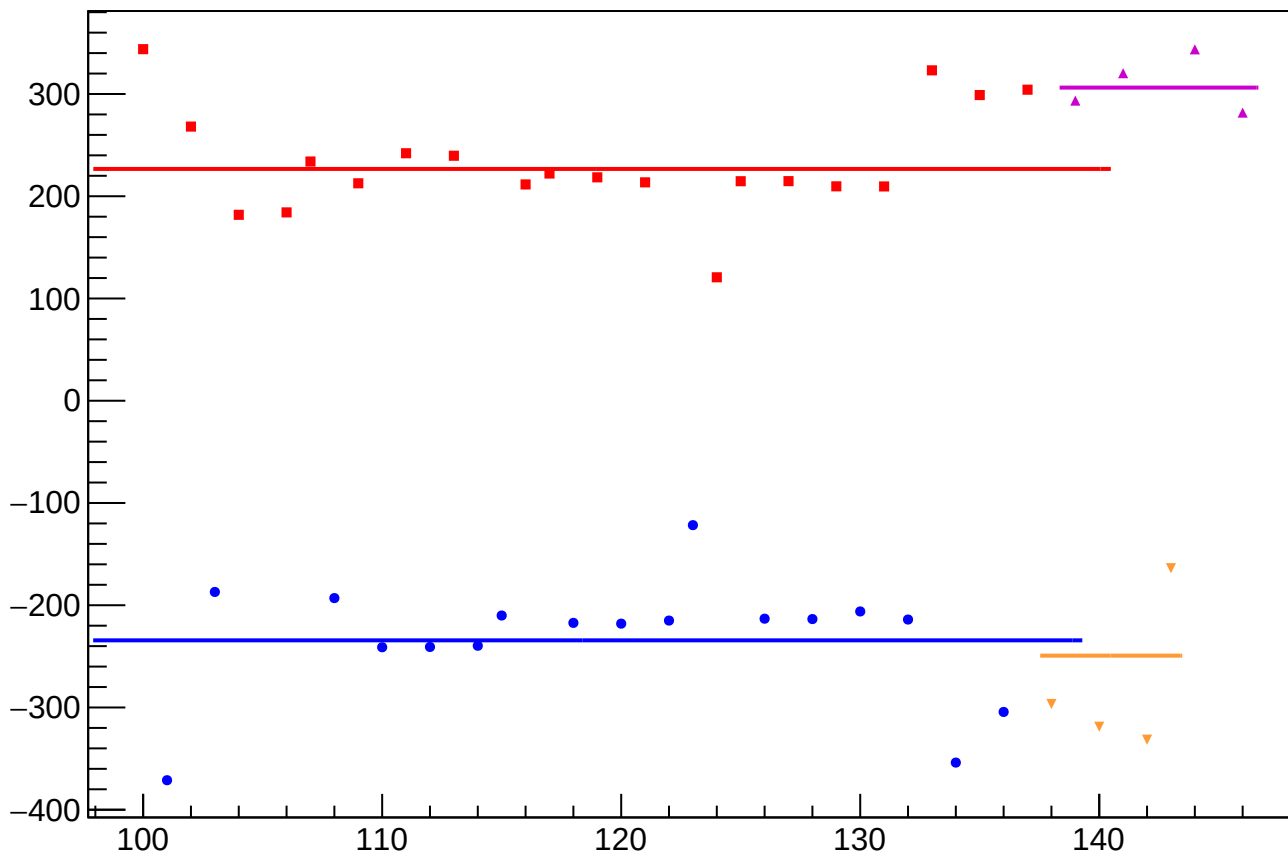
Left In: -140.515 $\pm$ 4.170 χ^2/NDF :70.9/3

146.518 $\pm$ 2.231 χ^2/NDF : 788.1/20

4.305 $\pm$ 1.572 χ^2/NDF : 9523.4/44

-136.080 $\pm$ 2.216 χ^2/NDF : 657.5/23

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: -249.292 ± 0.196 χ^2/NDF : 143490.6/3

Right Out: 226.707 ± 0.141 χ^2/NDF : 99442.4/19

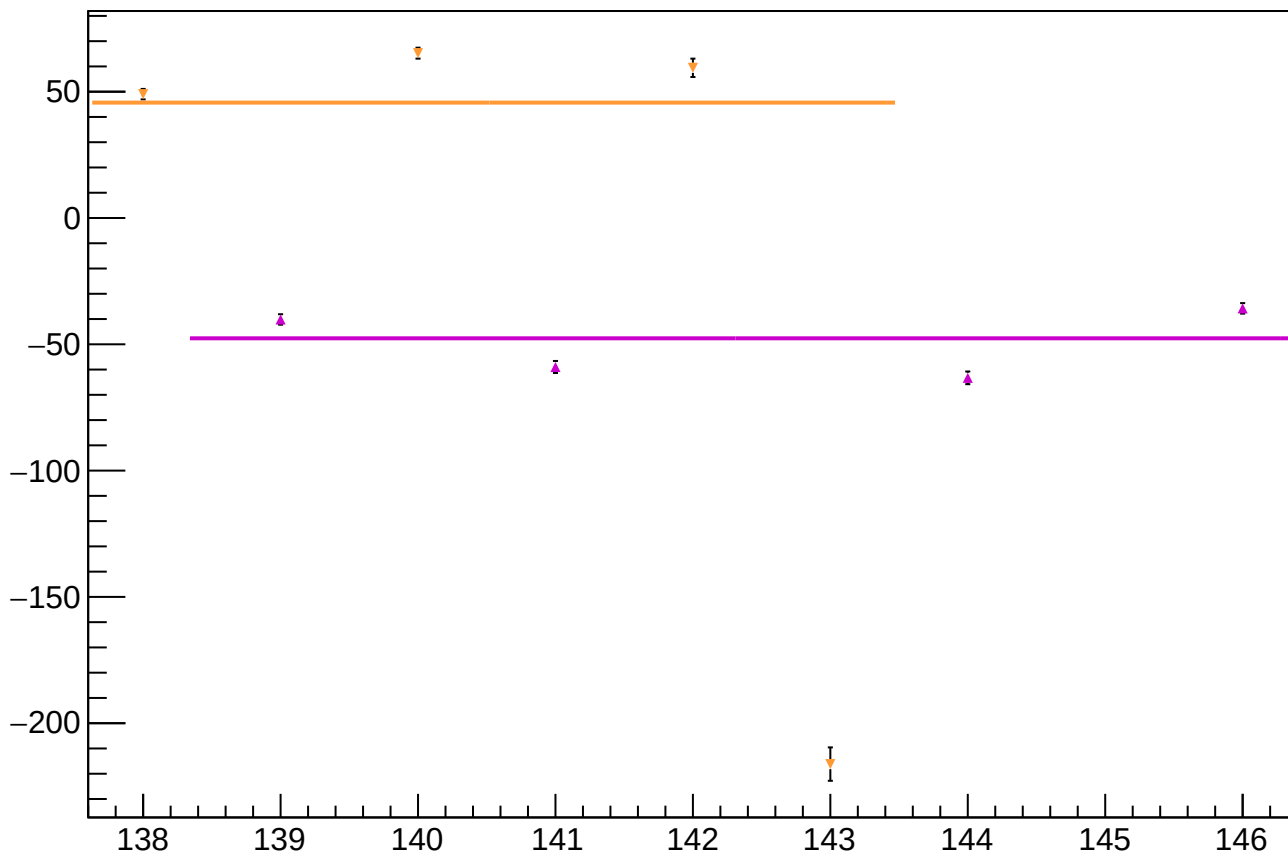
Left In: 306.248 ± 0.201 χ^2/NDF : 13177.6/3

-239.788 ± 0.118 χ^2/NDF : 292358.2/20

12.264 ± 0.083 χ^2/NDF : 9392659.0/44

252.969 ± 0.116 χ^2/NDF : 217410.2/23

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: 45.683+/-1.355 χ^2/NDF : 1666.4/3

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

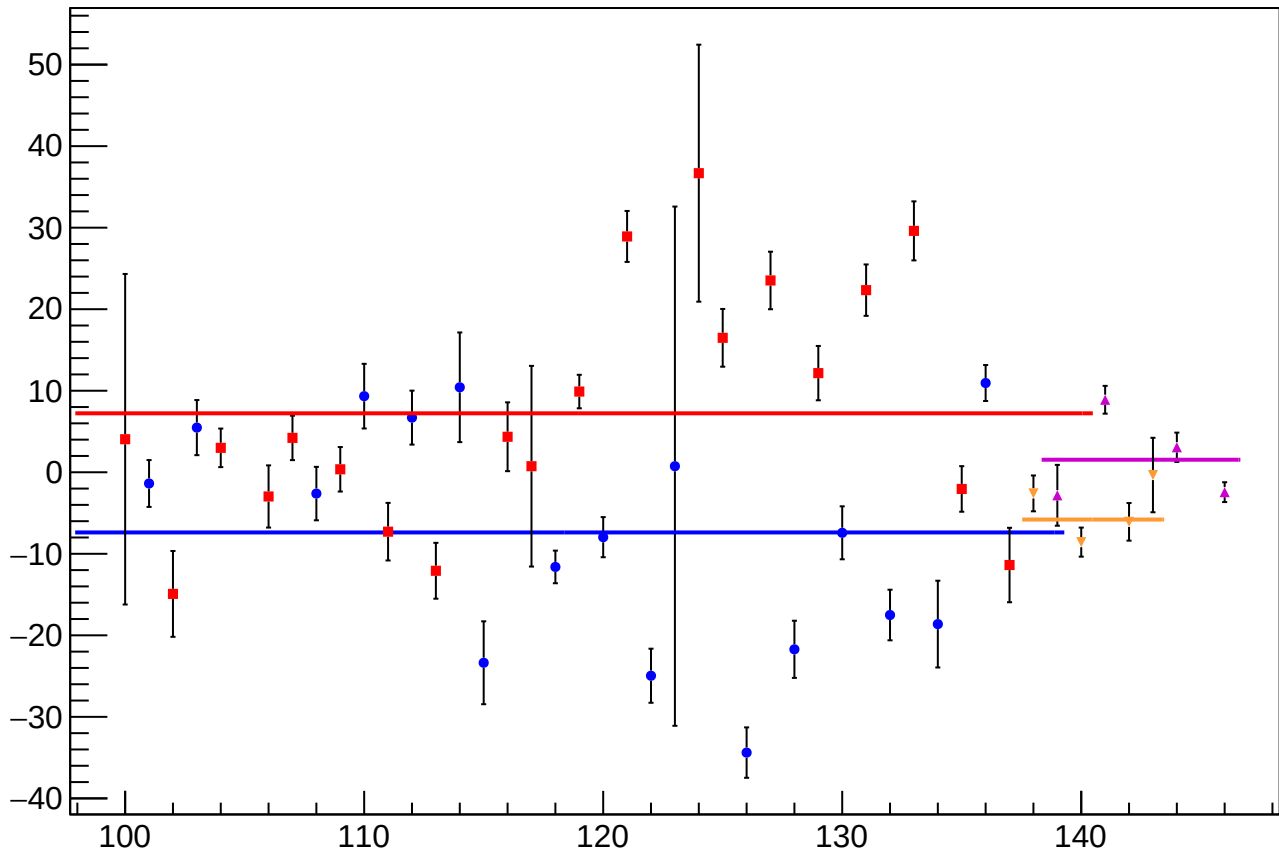
Left In: -47.630+/-1.119 χ^2/NDF : 106.9/3

45.683+/-1.355 χ^2/NDF : 1666.4/3

-9.805+/-0.863 χ^2/NDF : 4593.4/7

-47.630+/-1.119 χ^2/NDF : 106.9/3

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: -5.797 ± 1.149 χ^2/NDF : 6.0/3

Right Out: 7.231 ± 0.761 χ^2/NDF : 257.6/19

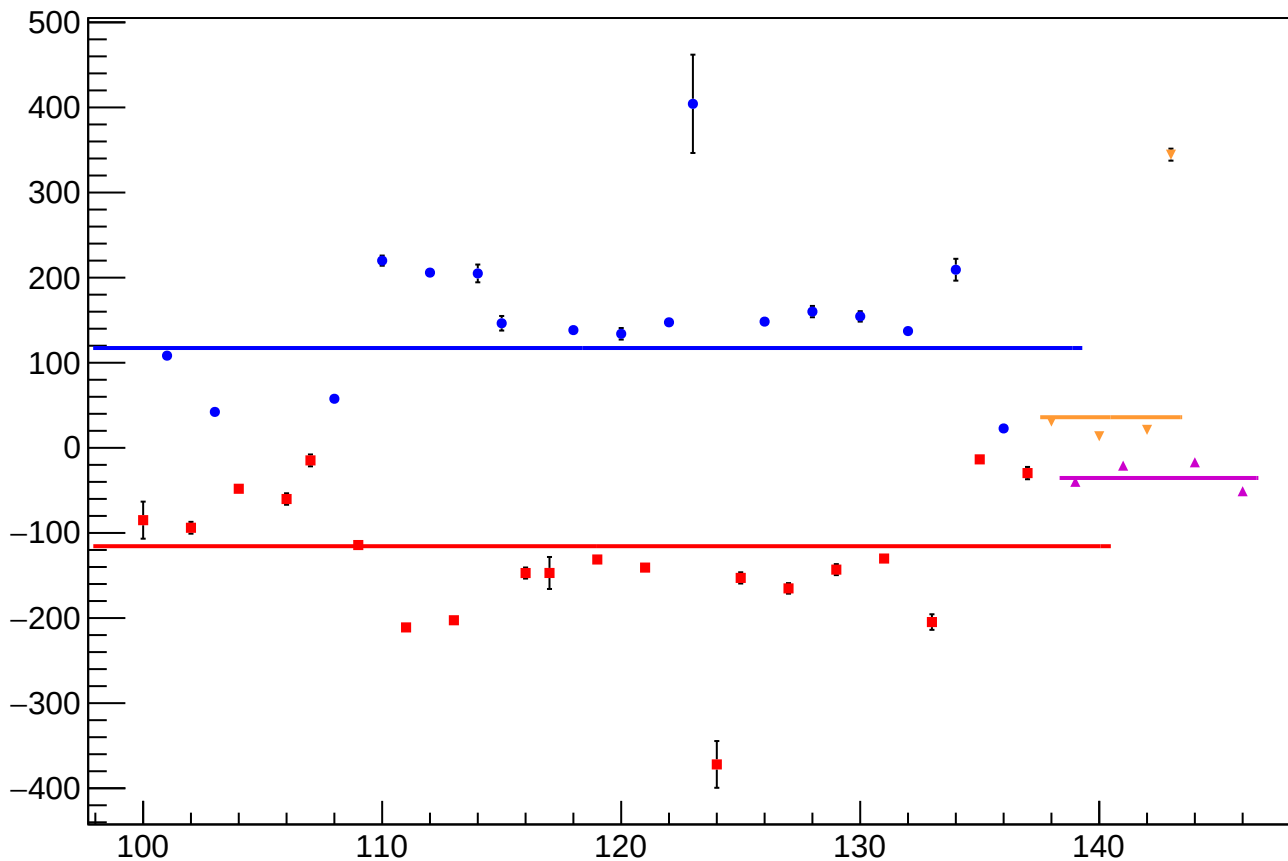
Left In: 1.538 ± 0.844 χ^2/NDF : 31.4/3

-6.883 ± 0.645 χ^2/NDF : 290.9/20

-0.344 ± 0.425 χ^2/NDF : 786.9/44

4.682 ± 0.565 χ^2/NDF : 314.1/23

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: 35.986 $\pm$ 1.455 χ^2 /NDF: 2024.6/3

Right Out: -115.570 $\pm$ 1.357 χ^2 /NDF: 2153.3/19

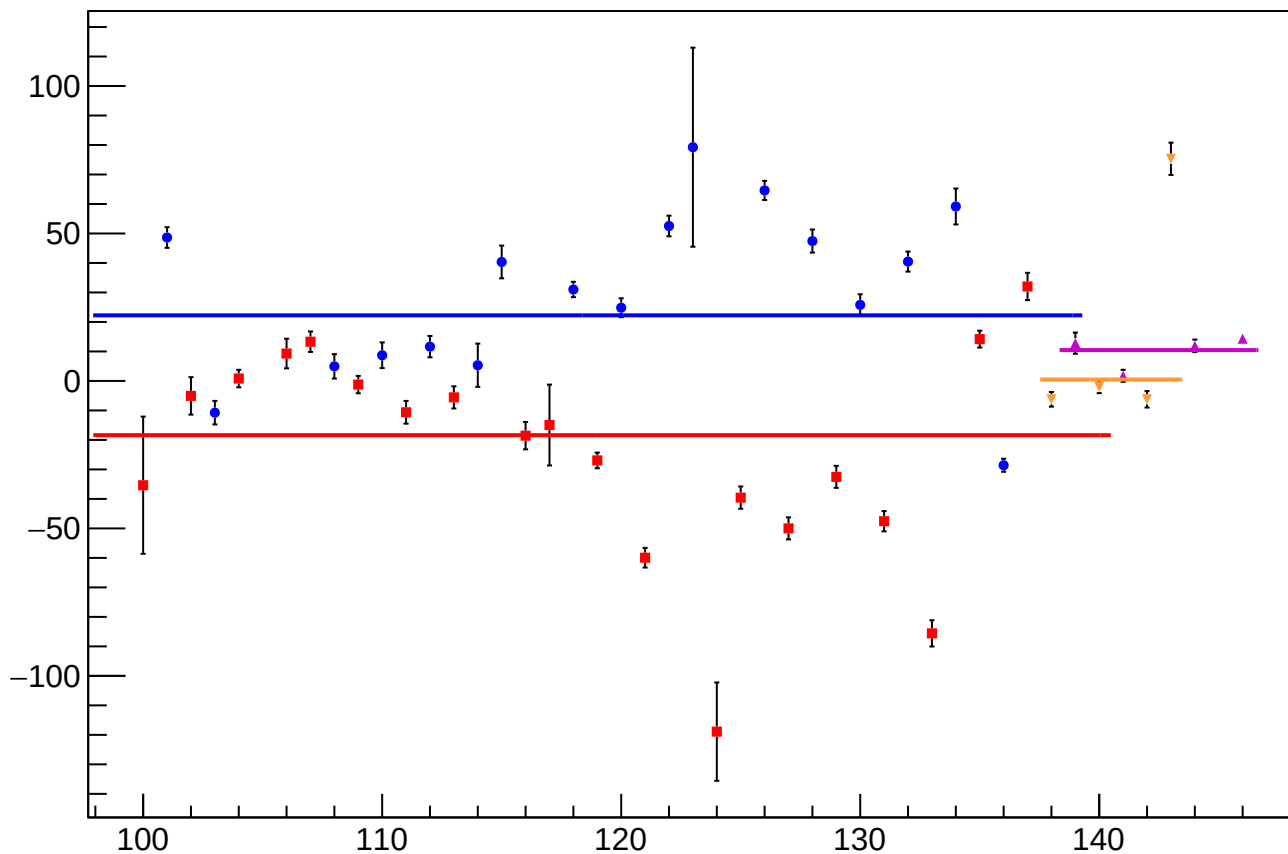
Left In: -35.406 $\pm$ 1.158 χ^2 /NDF: 144.9/3

77.975 $\pm$ 1.012 χ^2 /NDF: 5797.6/20

-5.761 $\pm$ 0.664 χ^2 /NDF: 22142.8/44

-69.182 $\pm$ 0.881 χ^2 /NDF: 4317.5/23

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: 0.480 ± 1.358 χ^2/NDF : 201.3/3

Right Out: -18.381 ± 0.870 χ^2/NDF : 1077.2/19

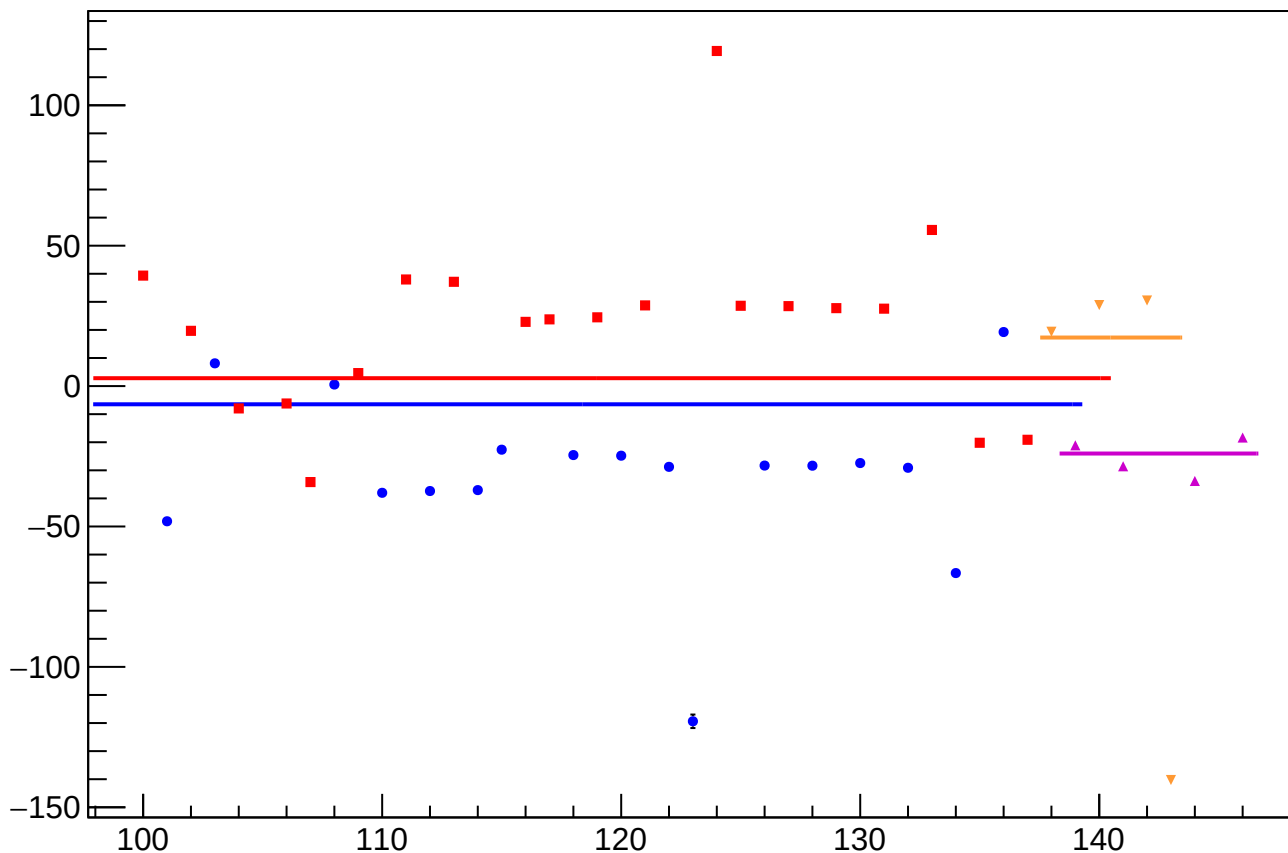
Left In: 10.467 ± 1.026 χ^2/NDF : 25.2/3

15.716 ± 0.744 χ^2/NDF : 1452.7/20

3.448 ± 0.495 χ^2/NDF : 3503.3/44

-6.318 ± 0.664 χ^2/NDF : 1562.1/23

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: 17.290 ± 0.059 $\chi^2/\text{NDF}: 330795.1/3$

Right Out: 2.811 ± 0.046 $\chi^2/\text{NDF}: 266885.9/19$

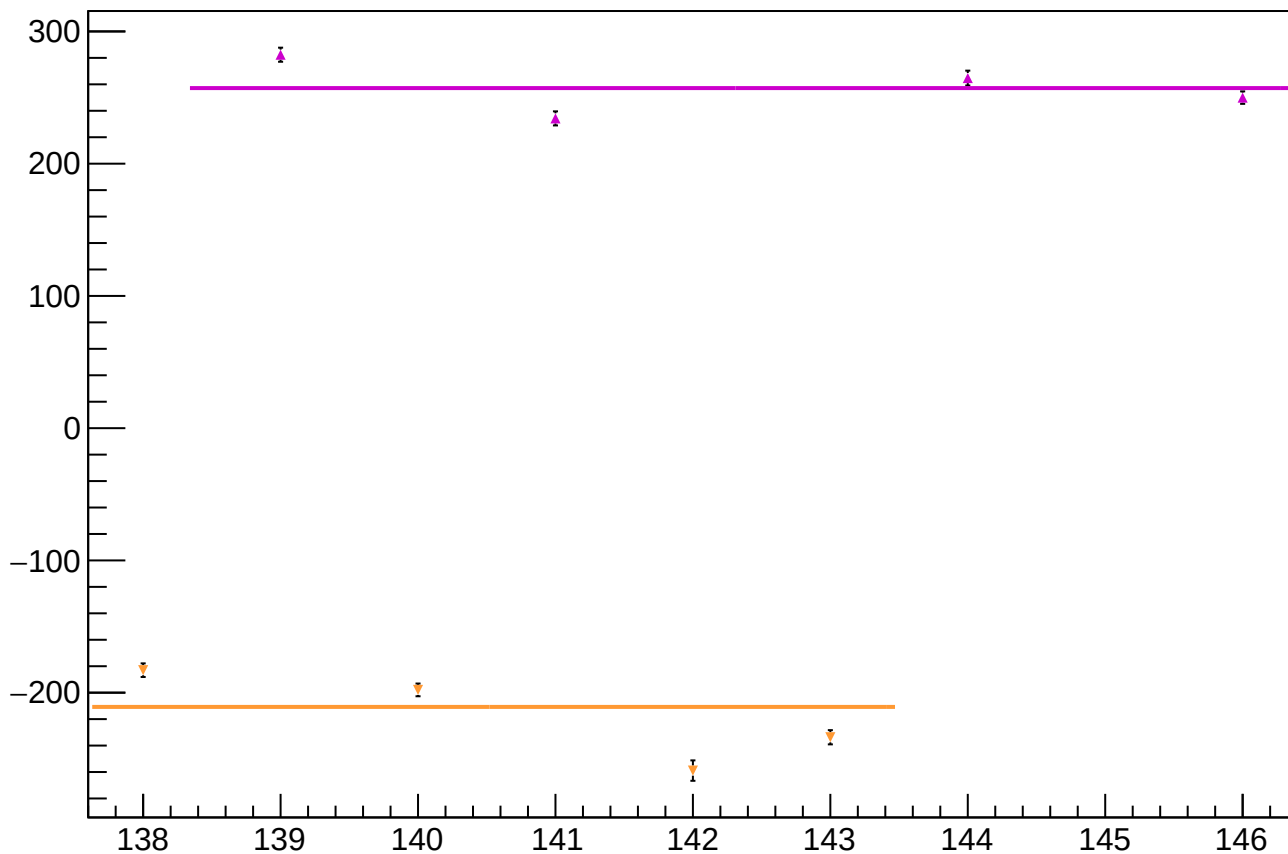
Left In: -24.018 ± 0.047 $\chi^2/\text{NDF}: 14087.8/3$

2.480 ± 0.036 $\chi^2/\text{NDF}: 696572.0/20$

-4.479 ± 0.024 $\chi^2/\text{NDF}: 1210425.7/44$

-10.126 ± 0.033 $\chi^2/\text{NDF}: 447774.5/23$

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: -210.767+/-2.751 χ^2/NDF : 93.3/3

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

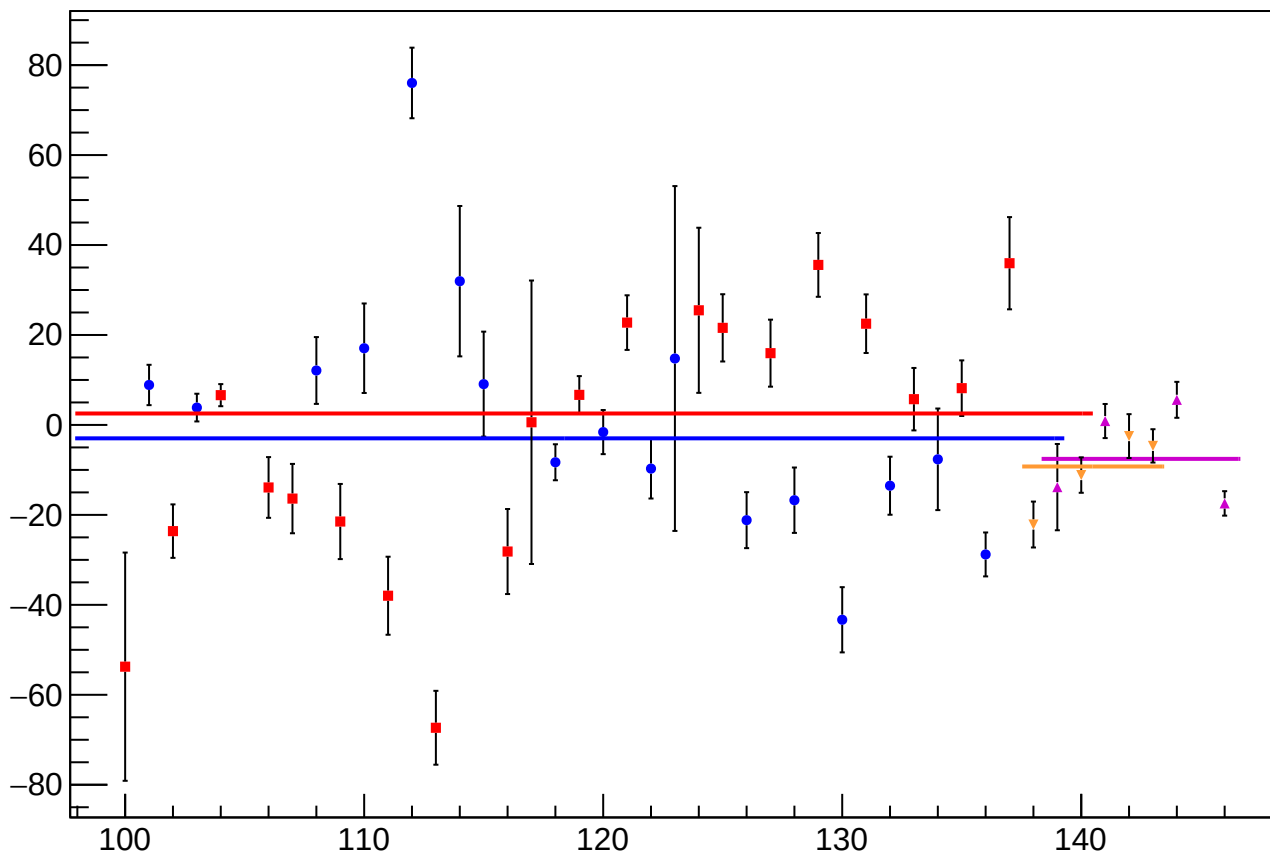
Left In: 257.160+/-2.606 χ^2/NDF : 45.2/3

-210.767+/-2.751 χ^2/NDF : 93.3/3

35.903+/-1.892 χ^2/NDF : 15387.8/7

257.160+/-2.606 χ^2/NDF : 45.2/3

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.981 ± 1.450 $\chi^2/\text{NDF}: 203.9/16$

Left Out: -9.240 ± 2.143 $\chi^2/\text{NDF}: 10.1/3$

Right Out: 2.544 ± 1.397 $\chi^2/\text{NDF}: 218.1/19$

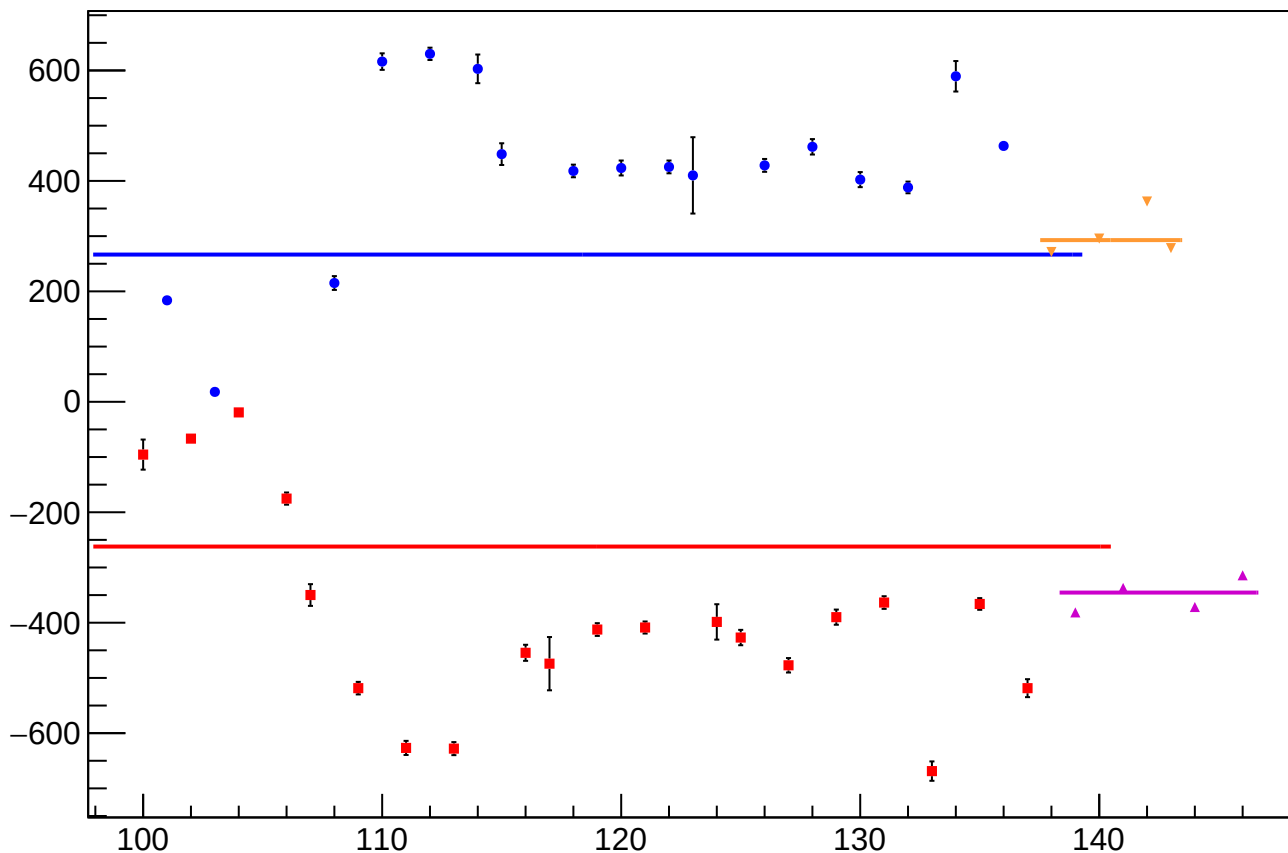
Left In: -7.546 ± 1.896 $\chi^2/\text{NDF}: 29.4/3$

-4.948 ± 1.201 $\chi^2/\text{NDF}: 219.8/20$

-2.848 ± 0.821 $\chi^2/\text{NDF}: 491.4/44$

-1.008 ± 1.125 $\chi^2/\text{NDF}: 265.9/23$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624+/-2.477 χ^2/NDF : 7662.7/16

Left Out: 292.805+/-2.948 χ^2/NDF : 93.1/3

Right Out: -262.101+/-2.455 χ^2/NDF : 8227.6/19

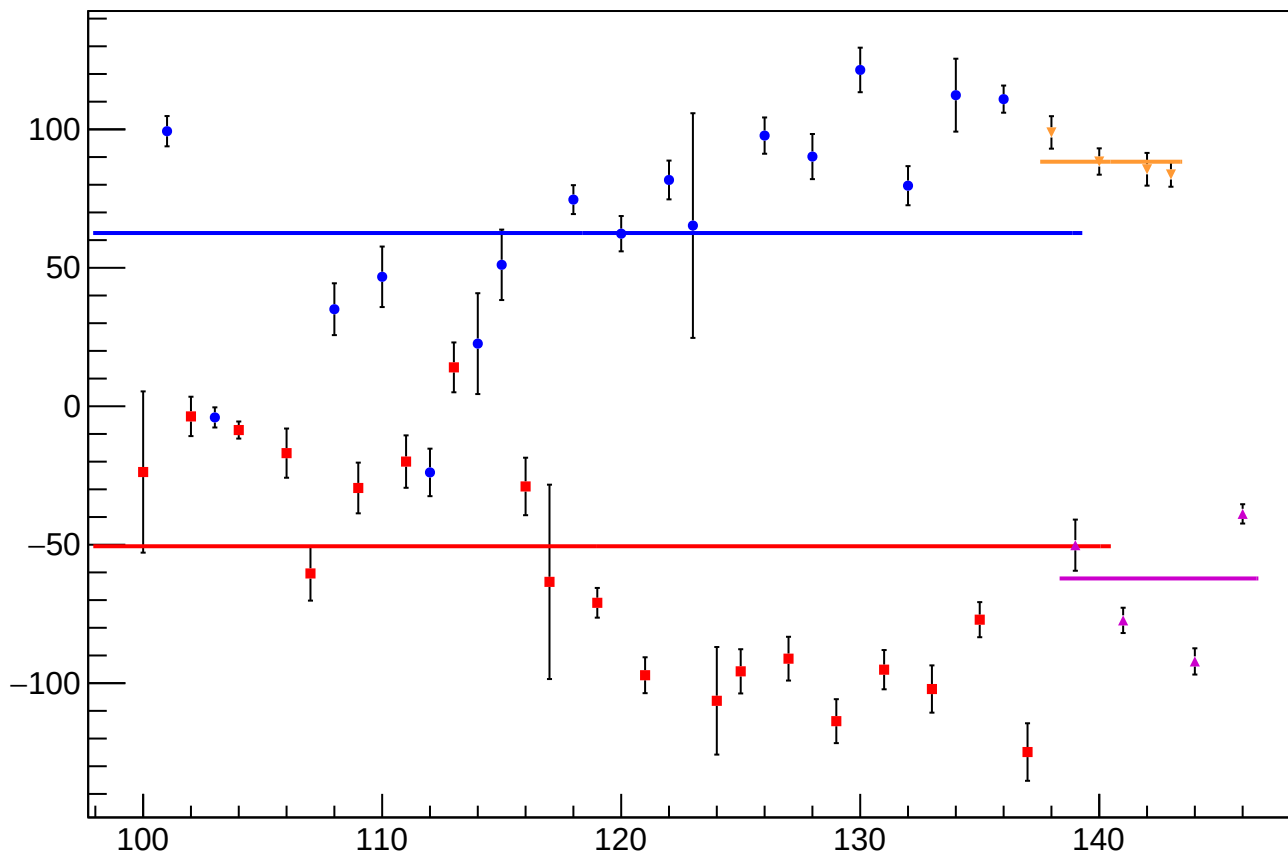
Left In: -345.432+/-2.688 χ^2/NDF : 108.2/3

277.459+/-1.897 χ^2/NDF : 7802.0/20

-24.325+/-1.310 χ^2/NDF : 65113.0/44

-299.990+/-1.813 χ^2/NDF : 8859.8/23

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.566+/-1.678 χ^2/NDF : 722.4/16

Left Out: 88.317+/-2.561 χ^2/NDF : 4.5/3

Right Out: -50.554+/-1.642 χ^2/NDF : 657.1/19

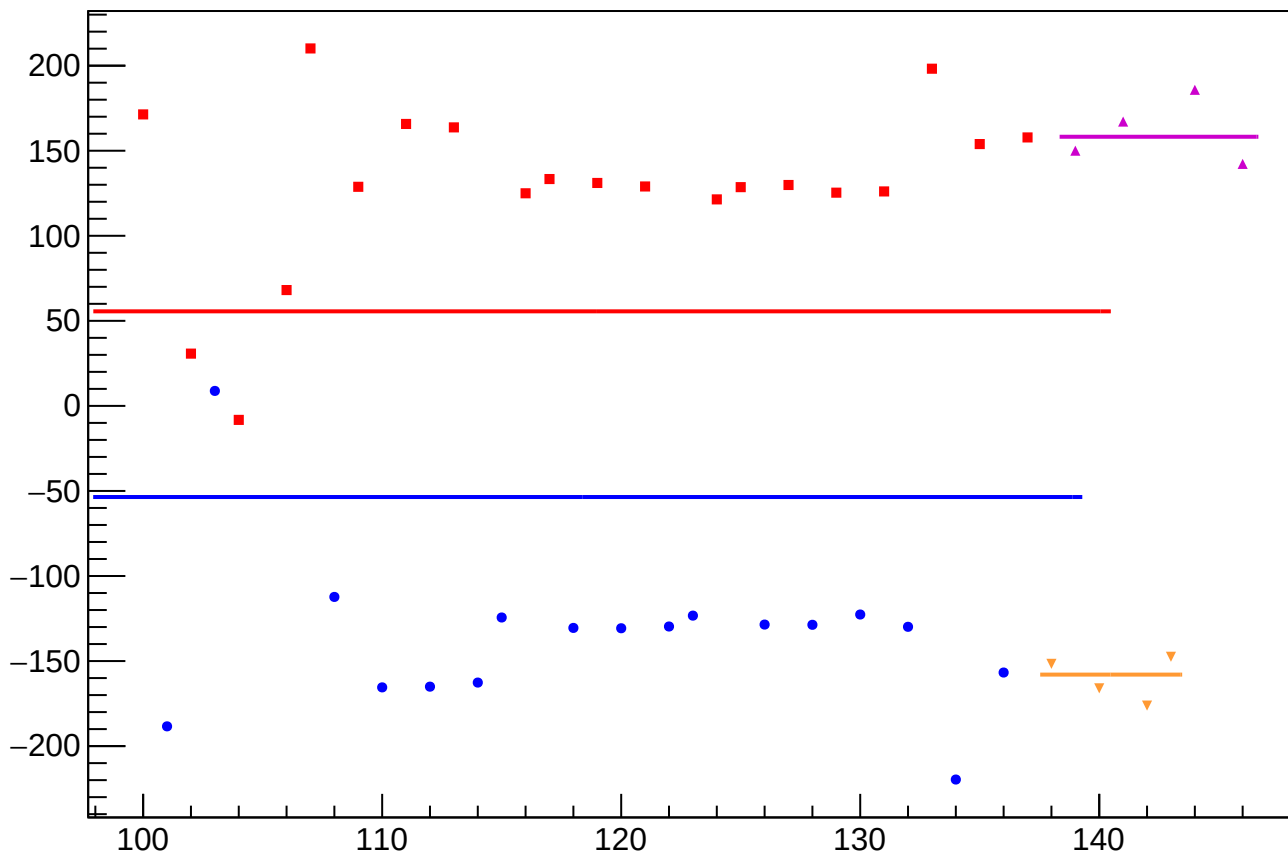
Left In: -62.186+/-2.316 χ^2/NDF : 97.3/3

70.301+/-1.404 χ^2/NDF : 797.7/20

5.007+/-0.969 χ^2/NDF : 5703.0/44

-54.443+/-1.339 χ^2/NDF : 771.3/23

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567 $\pm$ 0.070 χ^2 /NDF: 1230233.3/16

Left Out: -157.962 $\pm$ 0.121 χ^2 /NDF: 7183.2/3

Right Out: 55.585 $\pm$ 0.072 χ^2 /NDF: 970875.1/19

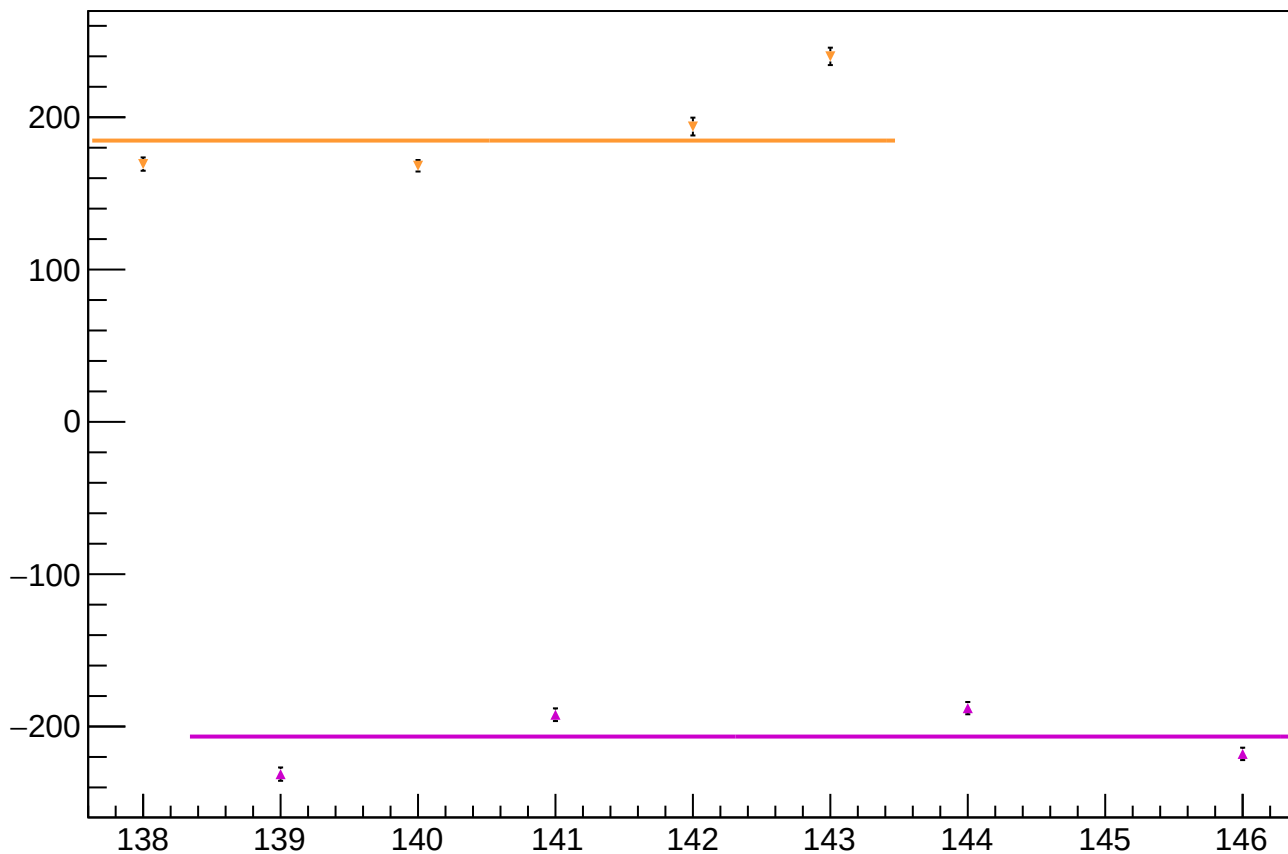
Left In: 158.218 $\pm$ 0.111 χ^2 /NDF: 20100.3/3

-79.844 $\pm$ 0.061 χ^2 /NDF: 1792890.6/20

3.614 $\pm$ 0.043 χ^2 /NDF: 7127649.3/44

85.857 $\pm$ 0.060 χ^2 /NDF: 1592515.5/23

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: 184.687 +/- 2.344 χ^2/NDF : 127.7/3

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

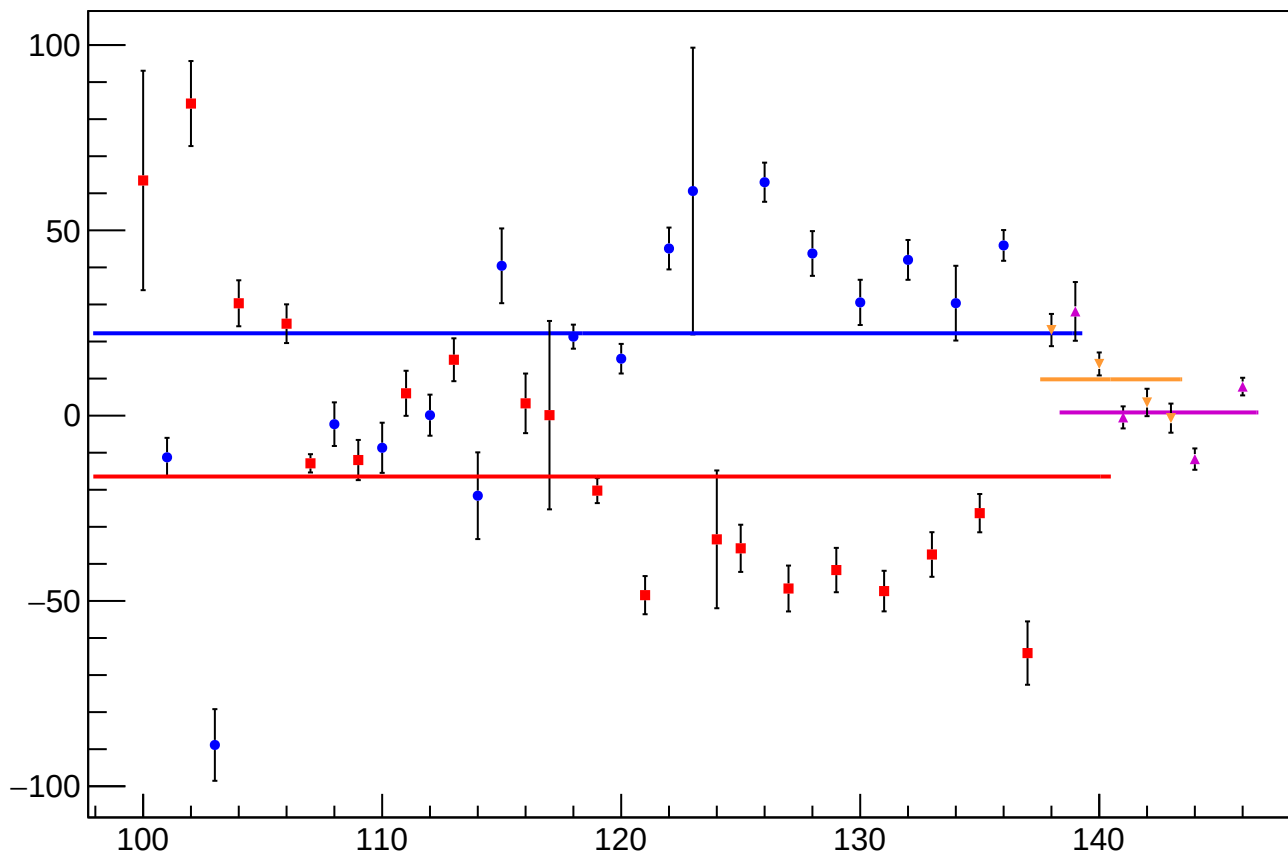
Left In: -206.604 +/- 2.080 χ^2/NDF : 72.7/3

184.687 +/- 2.344 χ^2/NDF : 127.7/3

-34.278 +/- 1.556 χ^2/NDF : 15792.5/7

-206.604 +/- 2.080 χ^2/NDF : 72.7/3

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.221 $\pm$ 1.374 χ^2 /NDF: 385.6/16

Left Out: 9.797 $\pm$ 1.841 χ^2 /NDF: 21.1/3

Right Out: -16.427 $\pm$ 1.228 χ^2 /NDF: 426.3/19

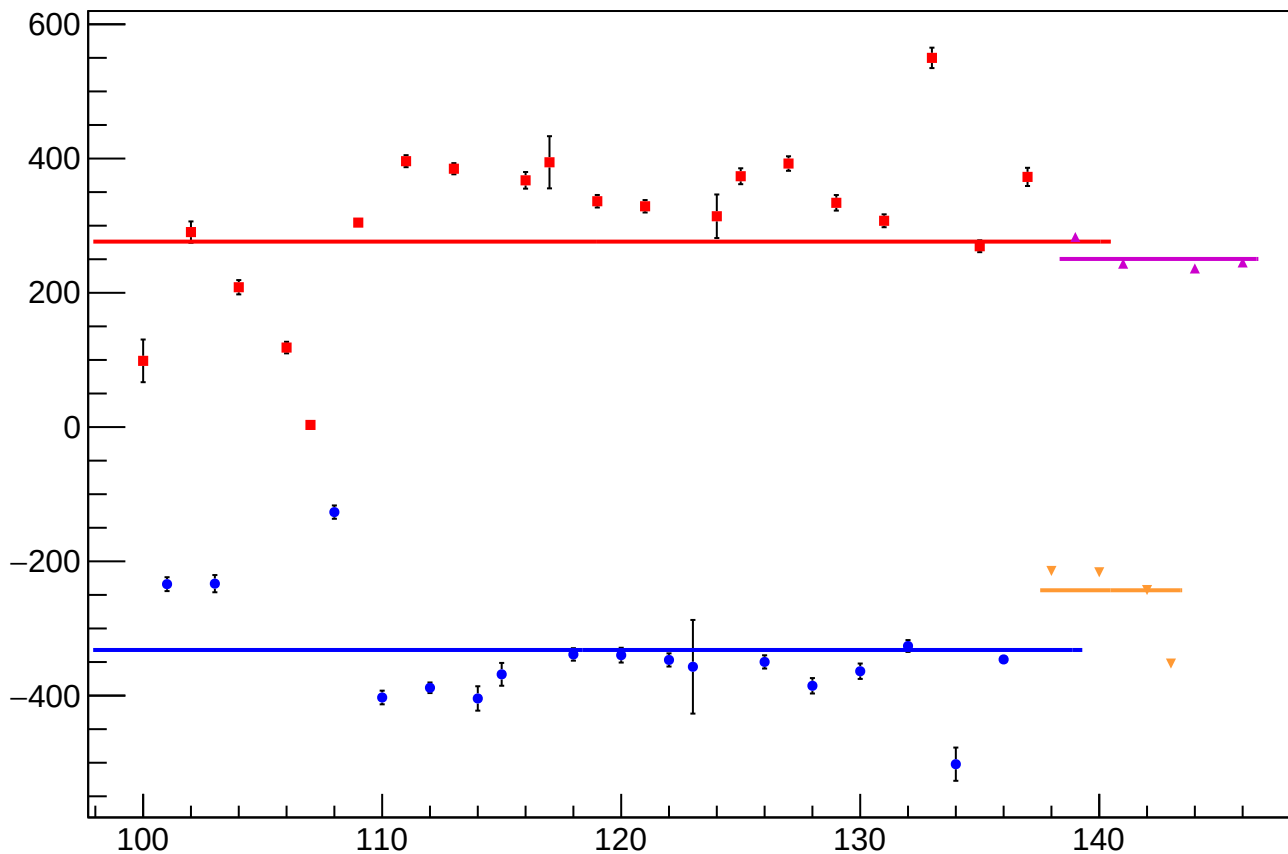
Left In: 0.863 $\pm$ 1.532 χ^2 /NDF: 39.7/3

17.778 $\pm$ 1.101 χ^2 /NDF: 436.0/20

2.164 $\pm$ 0.723 χ^2 /NDF: 1333.0/44

-9.664 $\pm$ 0.958 χ^2 /NDF: 543.6/23

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: -243.101+/-2.512 χ^2/NDF : 401.9/3

Right Out: 276.276+/-2.320 χ^2/NDF : 3372.1/19

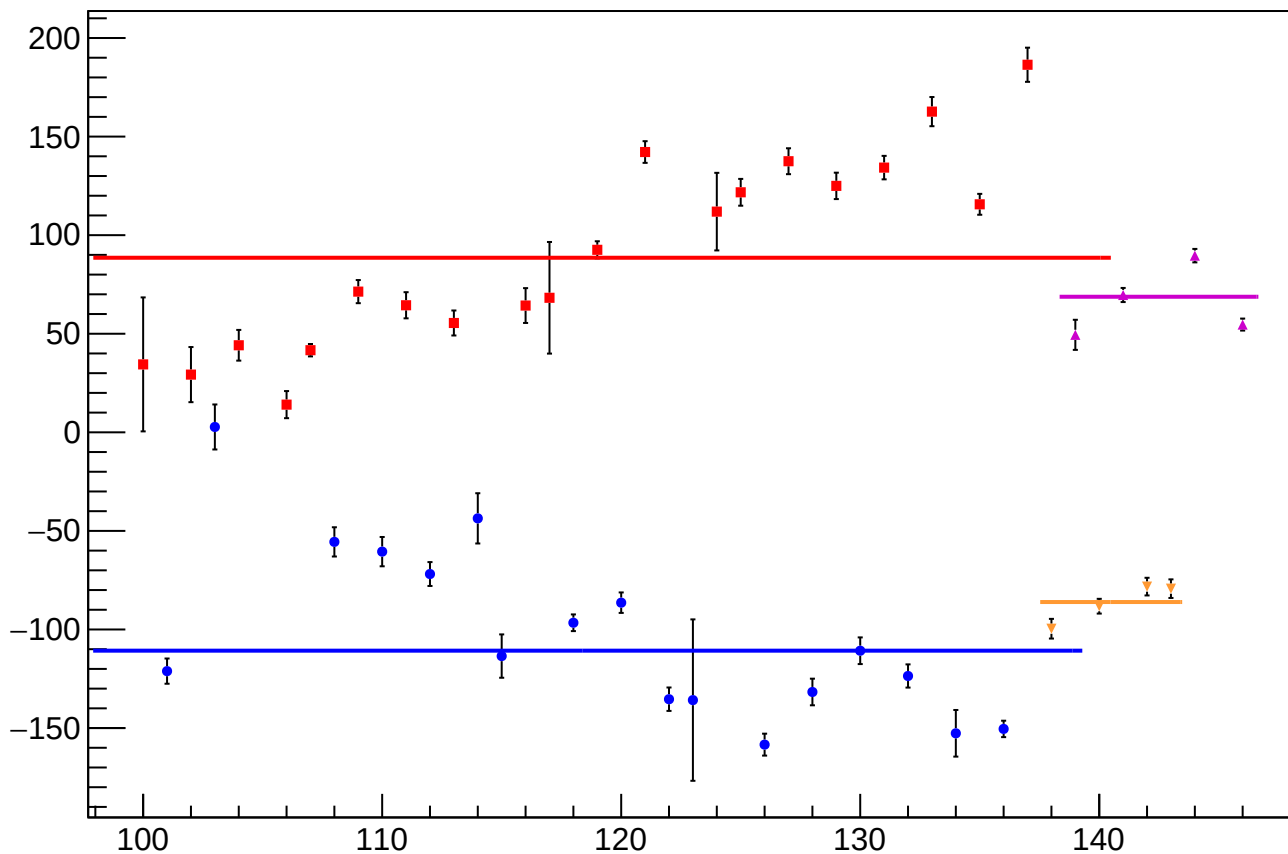
Left In: 250.441+/-2.157 χ^2/NDF : 62.6/3

-286.693+/-1.794 χ^2/NDF : 1801.3/20

22.524+/-1.186 χ^2/NDF : 58080.2/44

262.419+/-1.580 χ^2/NDF : 3501.2/23

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.745 ± 1.578 $\chi^2/\text{NDF}: 513.4/16$

Left Out: -86.074 ± 2.201 $\chi^2/\text{NDF}: 12.8/3$

Right Out: 88.548 ± 1.433 $\chi^2/\text{NDF}: 970.2/19$

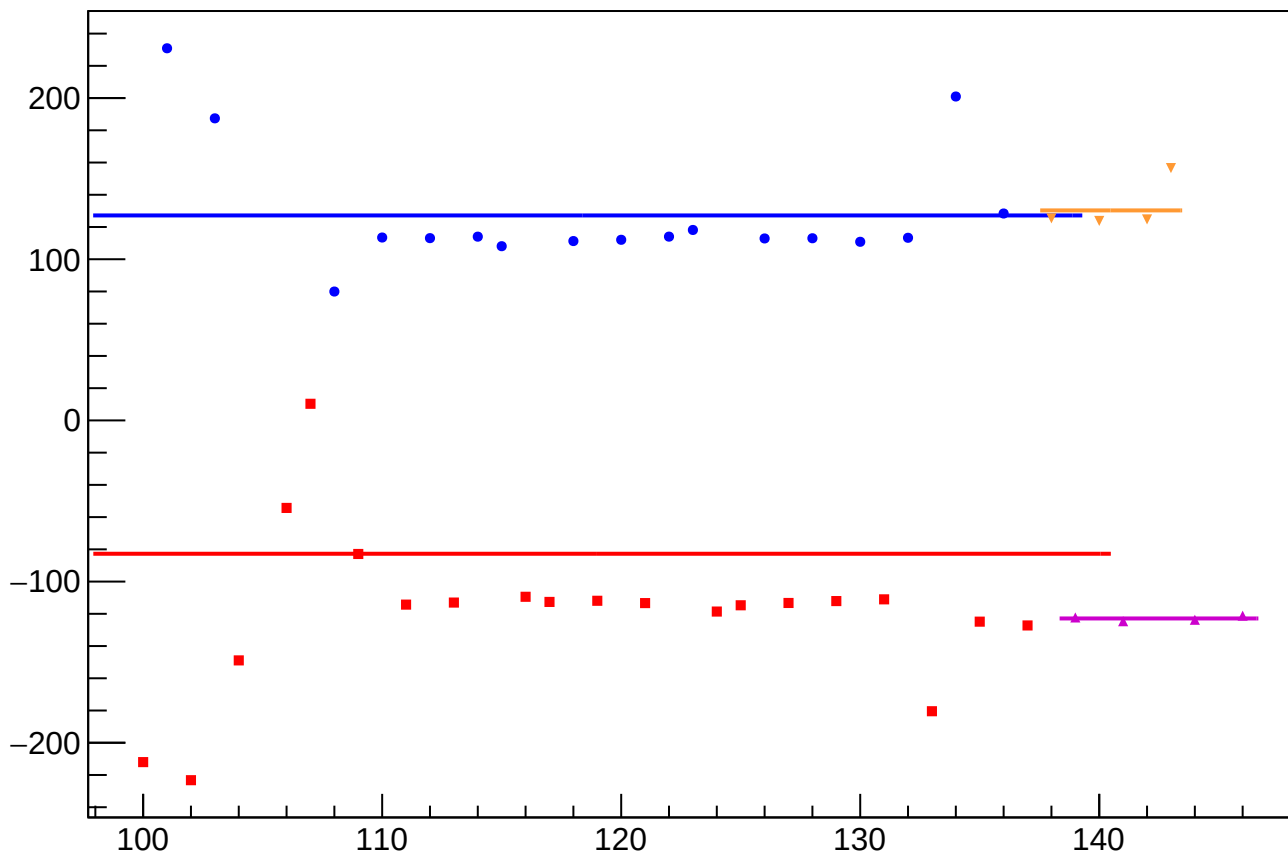
Left In: 68.765 ± 1.860 $\chi^2/\text{NDF}: 65.3/3$

-102.371 ± 1.282 $\chi^2/\text{NDF}: 609.2/20$

0.535 ± 0.850 $\chi^2/\text{NDF}: 13205.2/44$

81.182 ± 1.135 $\chi^2/\text{NDF}: 1106.5/23$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.179 $\pm$ 0.089 χ^2 /NDF: 188050.9/16

Left Out: 130.298 $\pm$ 0.104 χ^2 /NDF: 14060.0/3

Right Out: -82.737 $\pm$ 0.075 χ^2 /NDF: 765998.9/19

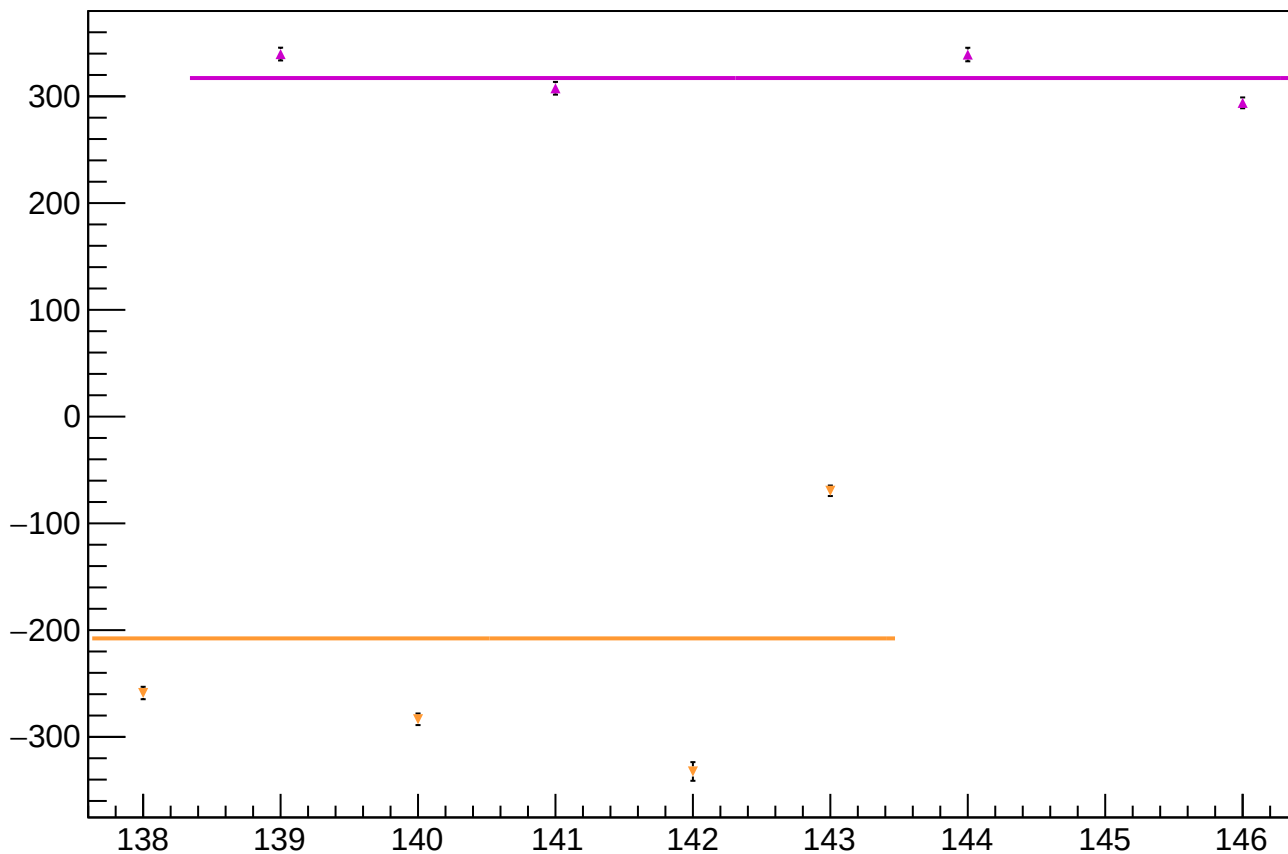
Left In: -122.883 $\pm$ 0.089 χ^2 /NDF: 215.8/3

128.503 $\pm$ 0.068 χ^2 /NDF: 202631.9/20

-3.611 $\pm$ 0.044 χ^2 /NDF: 7689417.3/44

-99.423 $\pm$ 0.058 χ^2 /NDF: 884563.1/23

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: -207.741+/-2.915 χ^2/NDF : 1263.1/3

-207.741+/-2.915 χ^2/NDF : 1263.1/3

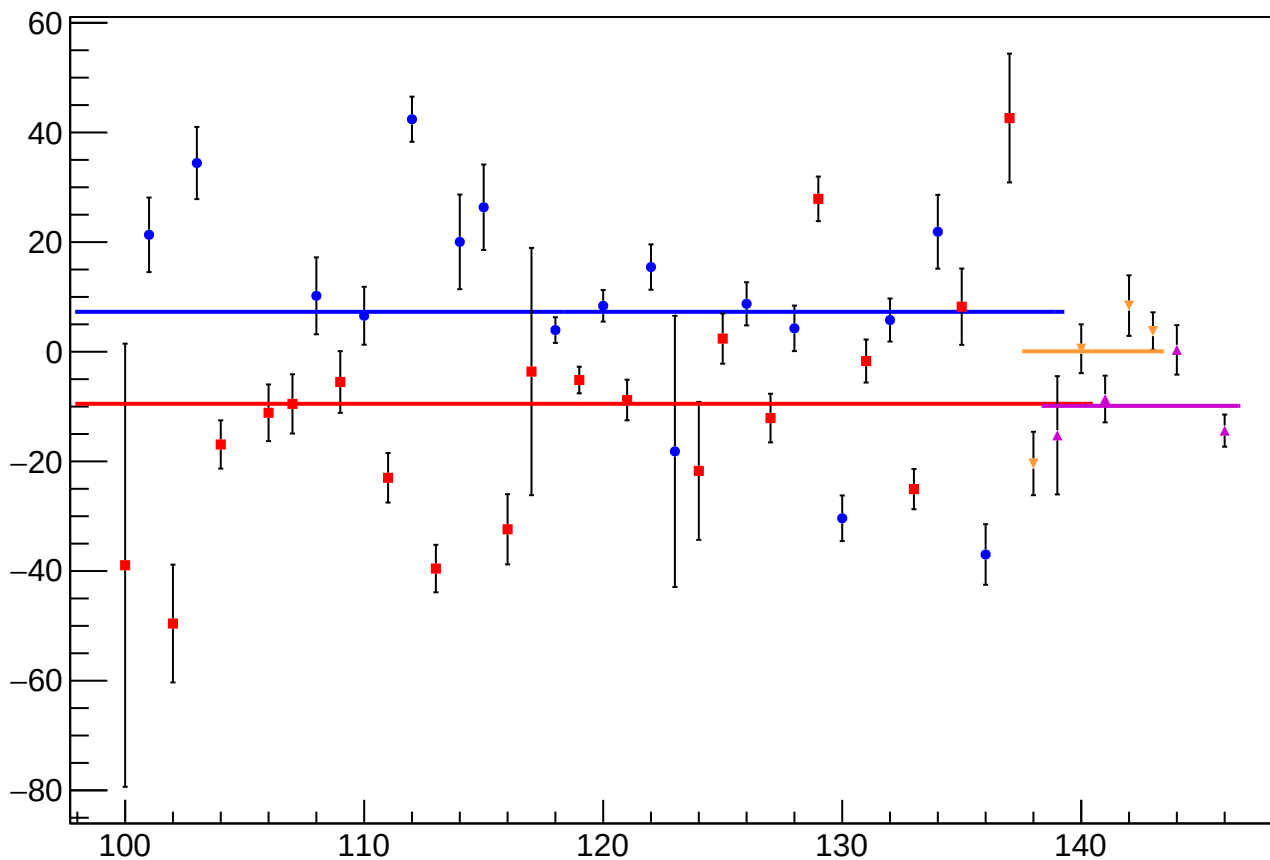
56.837+/-2.053 χ^2/NDF : 17656.3/7

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

317.124+/-2.891 χ^2/NDF : 49.7/3

Left In: 317.124+/-2.891 χ^2/NDF : 49.7/3

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: 0.083 $\pm$ 2.244 χ^2 /NDF:16.0/3

Right Out: -9.491 $\pm$ 1.073 χ^2 /NDF: 231.6/19

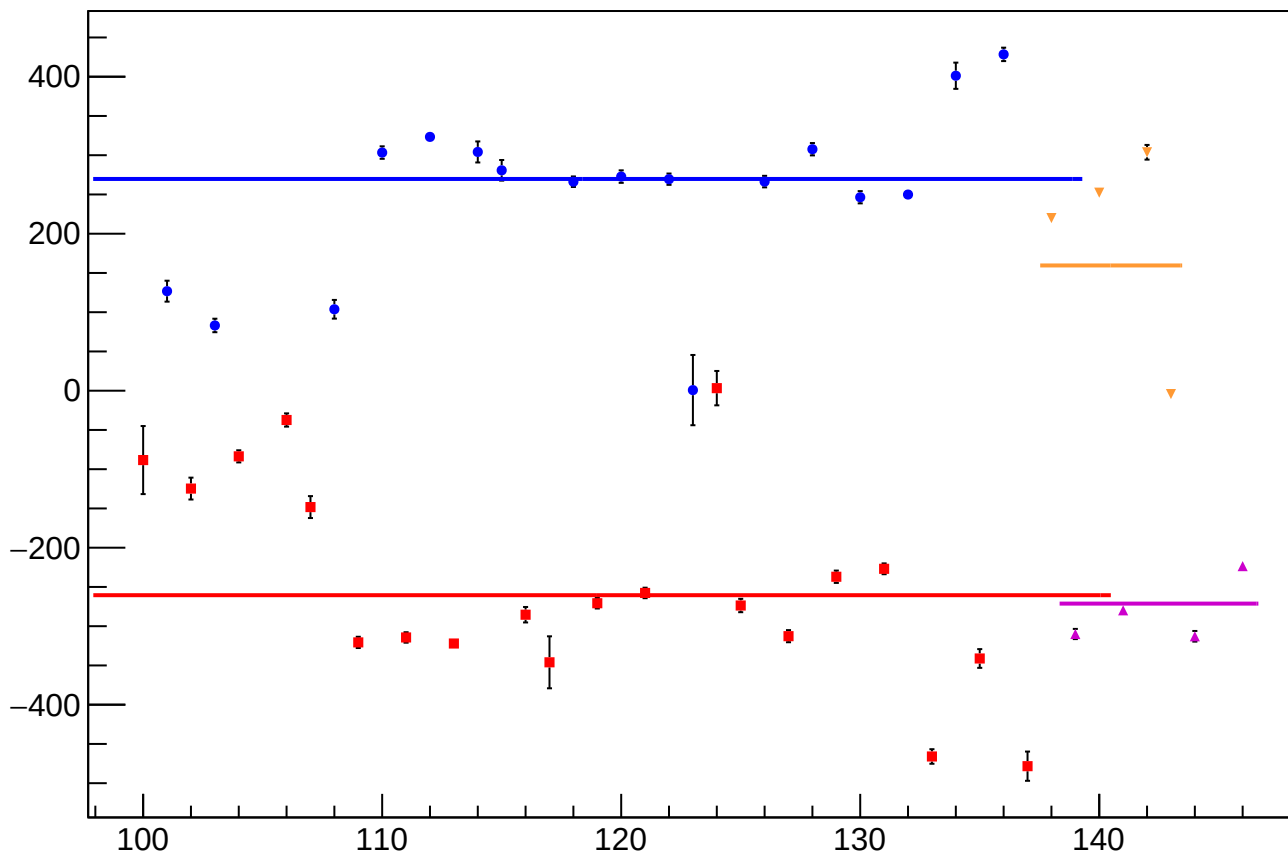
Left In: -9.870 $\pm$ 2.090 χ^2 /NDF:7.8/3

5.923 $\pm$ 0.976 χ^2 /NDF: 285.4/20

-1.993 $\pm$ 0.682 χ^2 /NDF: 653.6/44

-9.571 $\pm$ 0.955 χ^2 /NDF: 239.5/23

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: 159.559 ± 3.122 χ^2/NDF : 1557.2/3

Right Out: -260.511 ± 1.974 χ^2/NDF : 2548.2/19

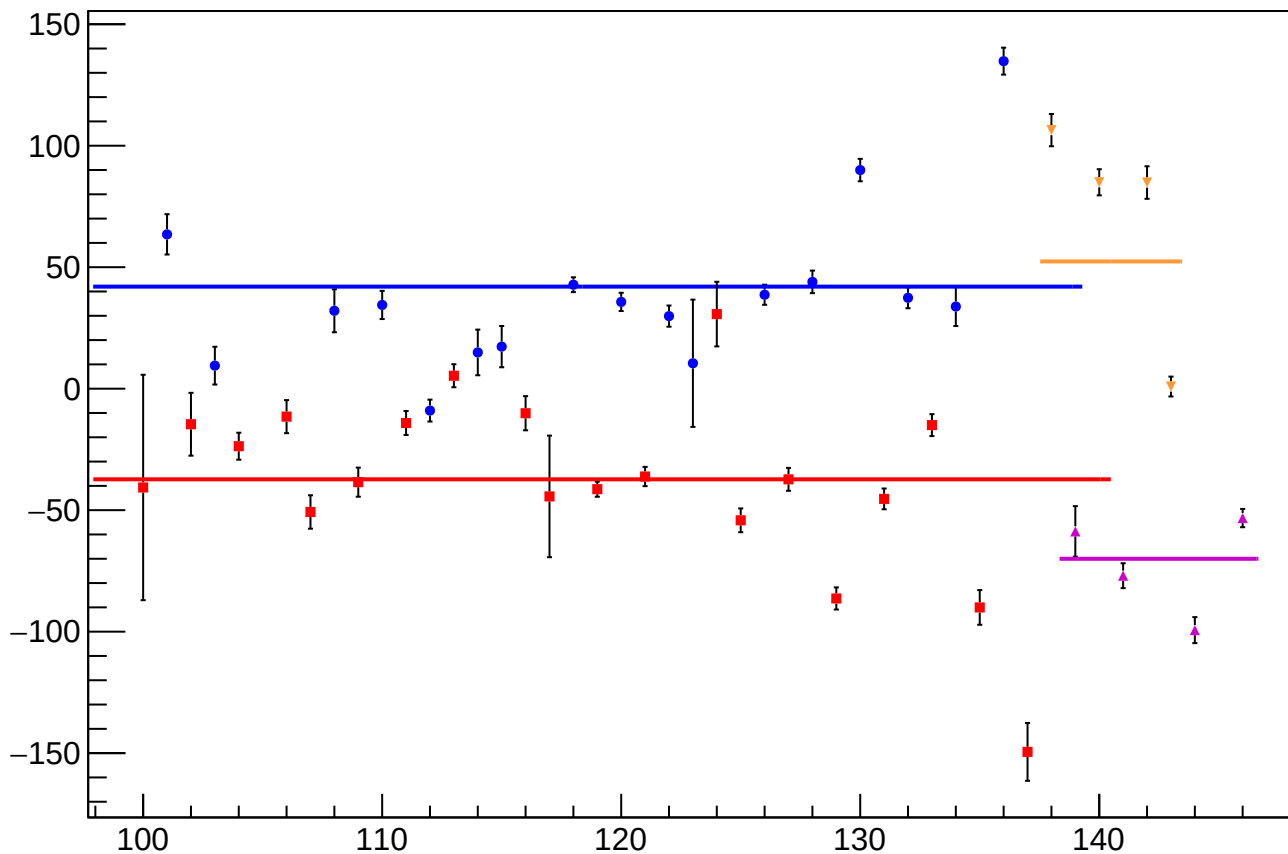
Left In: -271.228 ± 2.976 χ^2/NDF : 172.2/3

236.069 ± 1.726 χ^2/NDF : 3796.2/20

-25.837 ± 1.191 χ^2/NDF : 50469.7/44

-263.786 ± 1.645 χ^2/NDF : 2729.5/23

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006 ± 1.255 $\chi^2/\text{NDF}: 575.6/16$

Left Out: 52.367 ± 2.679 $\chi^2/\text{NDF}: 284.9/3$

Right Out: -37.301 ± 1.236 $\chi^2/\text{NDF}: 472.7/19$

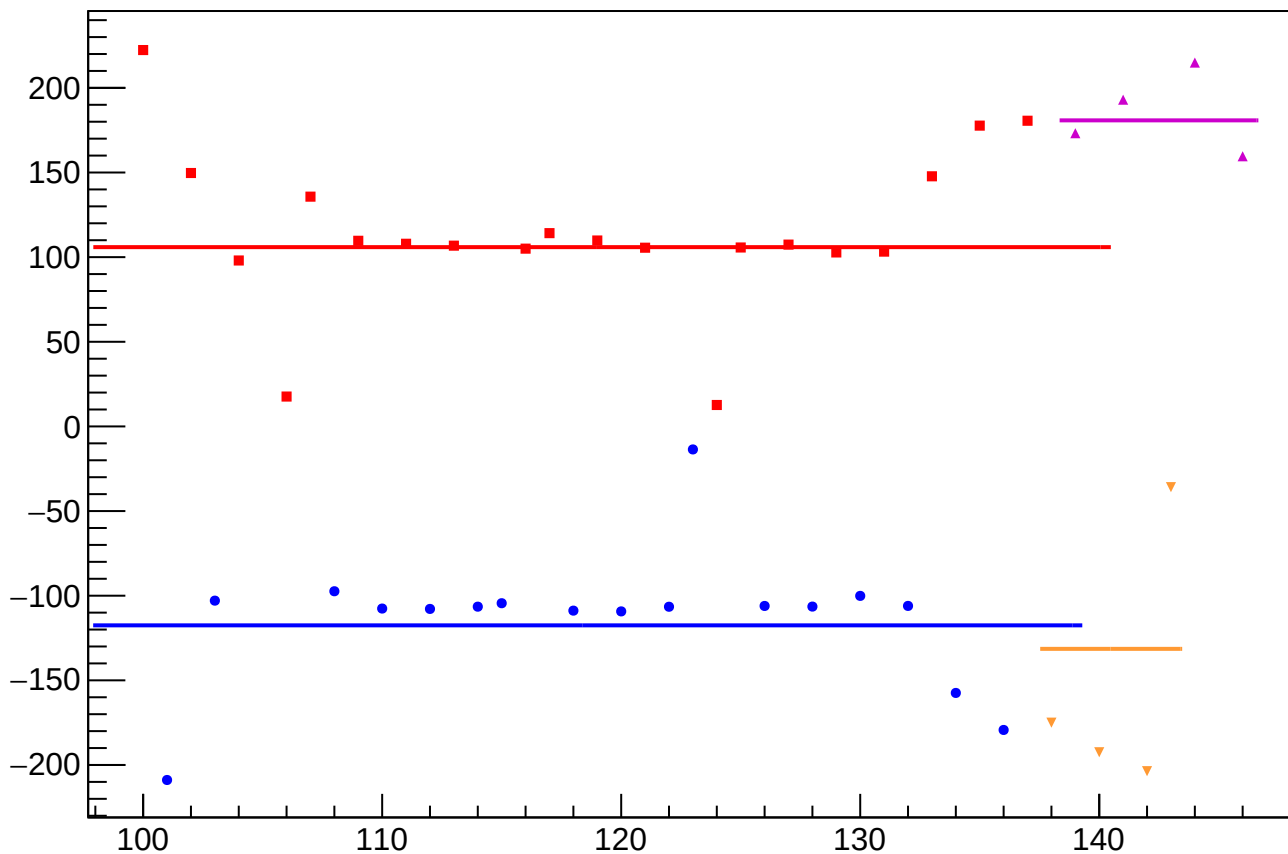
Left In: -70.010 ± 2.558 $\chi^2/\text{NDF}: 52.9/3$

43.872 ± 1.137 $\chi^2/\text{NDF}: 872.7/20$

-0.746 ± 0.795 $\chi^2/\text{NDF}: 4547.5/44$

-43.490 ± 1.113 $\chi^2/\text{NDF}: 658.2/23$

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: -131.402+/-0.128 χ^2/NDF : 331510.9/3

Right Out: 105.911+/-0.073 χ^2/NDF : 324334.0/19

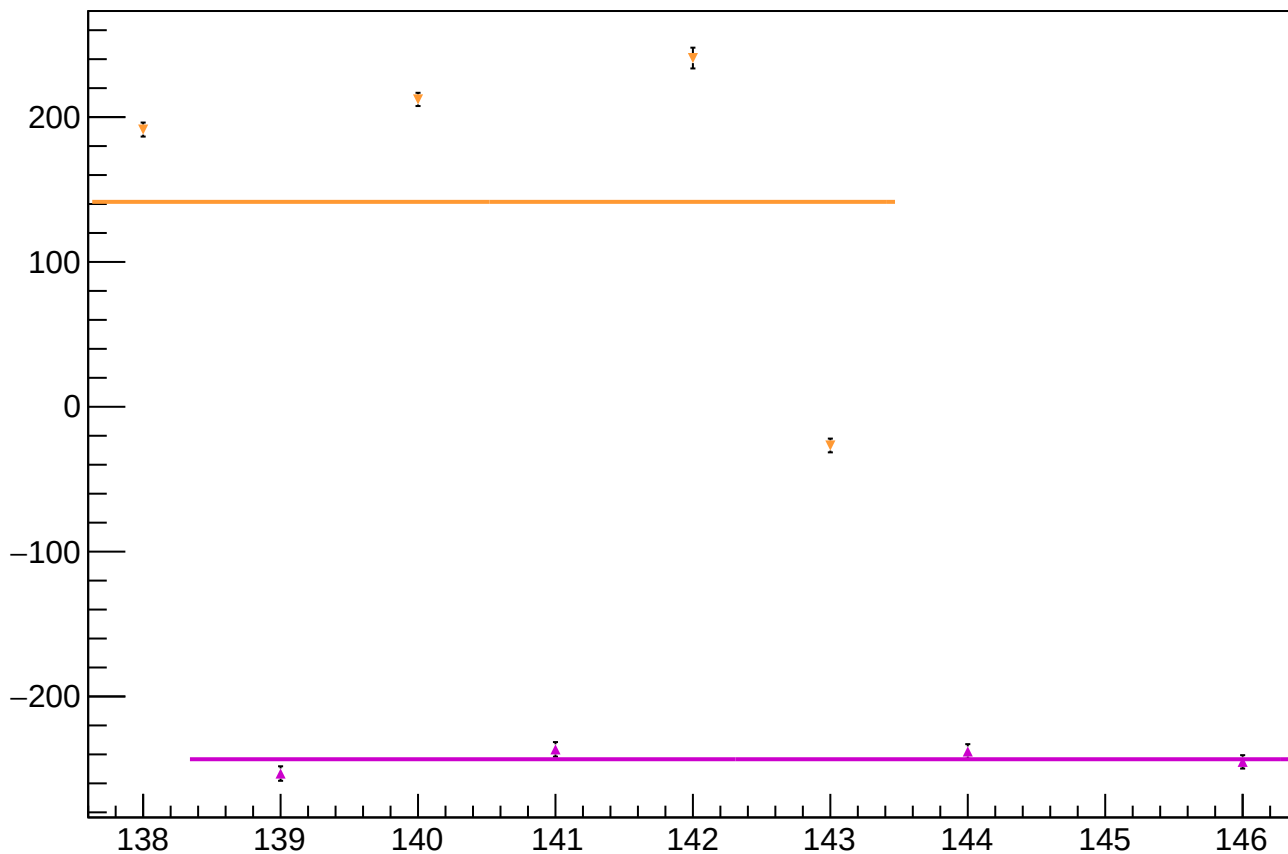
Left In: 180.805+/-0.123 χ^2/NDF : 25596.3/3

-121.284+/-0.067 χ^2/NDF : 482126.9/20

9.470+/-0.046 χ^2/NDF : 8375460.0/44

125.217+/-0.063 χ^2/NDF : 623377.8/23

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: 141.489+/-2.547 χ^2/NDF :1788.6/3

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

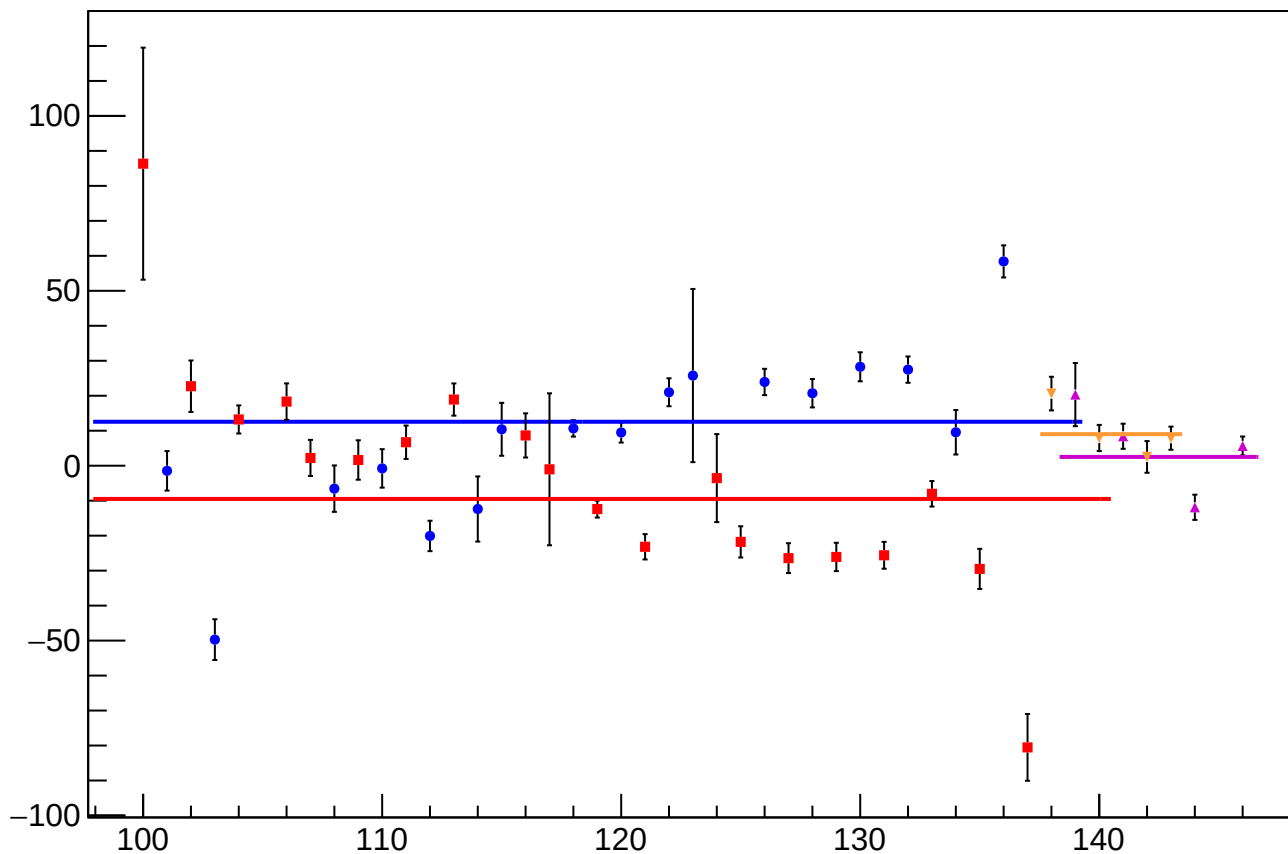
Left In: -243.338+/-2.462 χ^2/NDF :7.0/3

141.489+/-2.547 χ^2/NDF : 1788.6/3

-57.488+/-1.770 χ^2/NDF : 13598.6/7

-243.338+/-2.462 χ^2/NDF : 7.0/3

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: 9.020 ± 1.982 $\chi^2/\text{NDF}: 8.1/3$

Right Out: -9.499 ± 1.049 $\chi^2/\text{NDF}: 296.4/19$

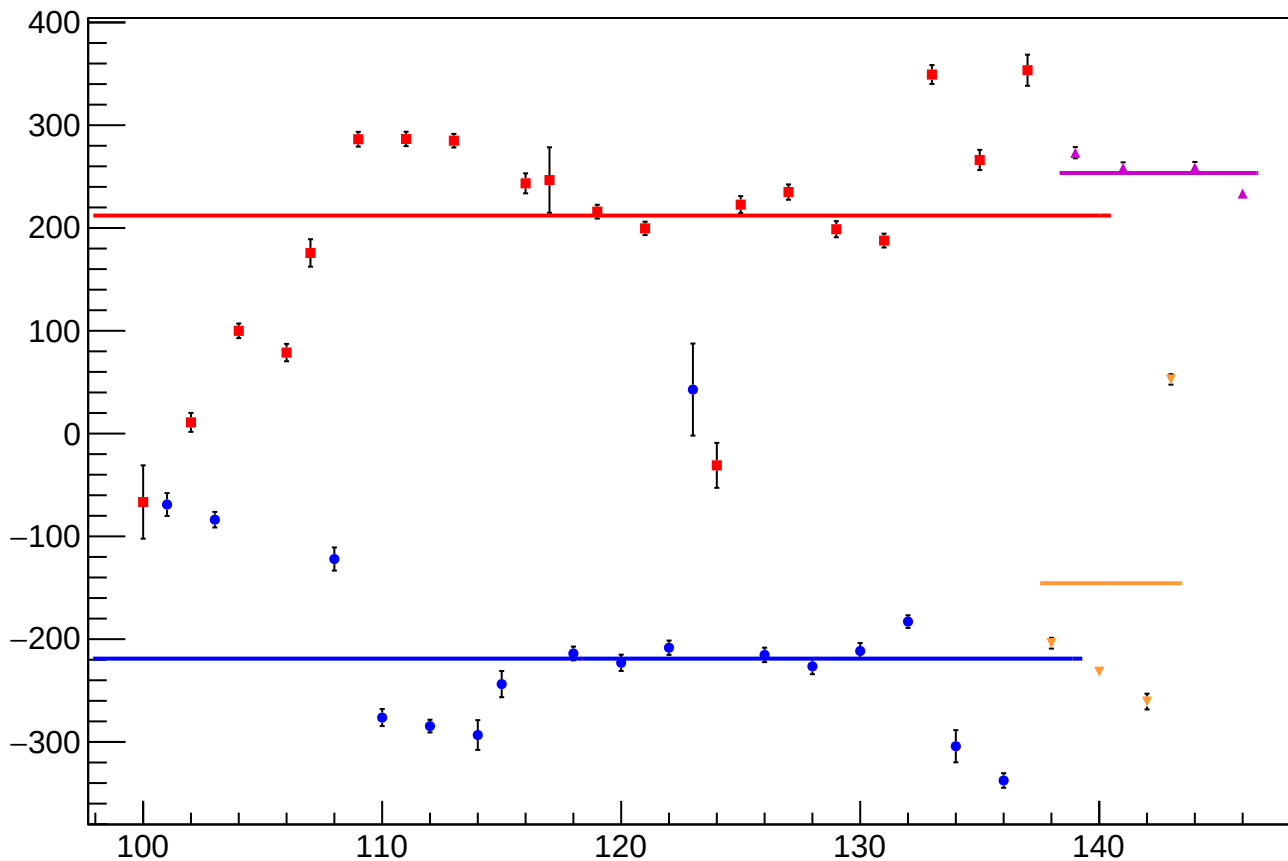
Left In: 2.514 ± 1.814 $\chi^2/\text{NDF}: 23.9/3$

11.779 ± 0.932 $\chi^2/\text{NDF}: 358.3/20$

2.414 ± 0.650 $\chi^2/\text{NDF}: 908.5/44$

-6.487 ± 0.908 $\chi^2/\text{NDF}: 353.1/23$

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: -145.610+/-2.729 χ^2/NDF : 2187.3/3

Right Out: 212.094+/-1.921 χ^2/NDF : 1887.4/19

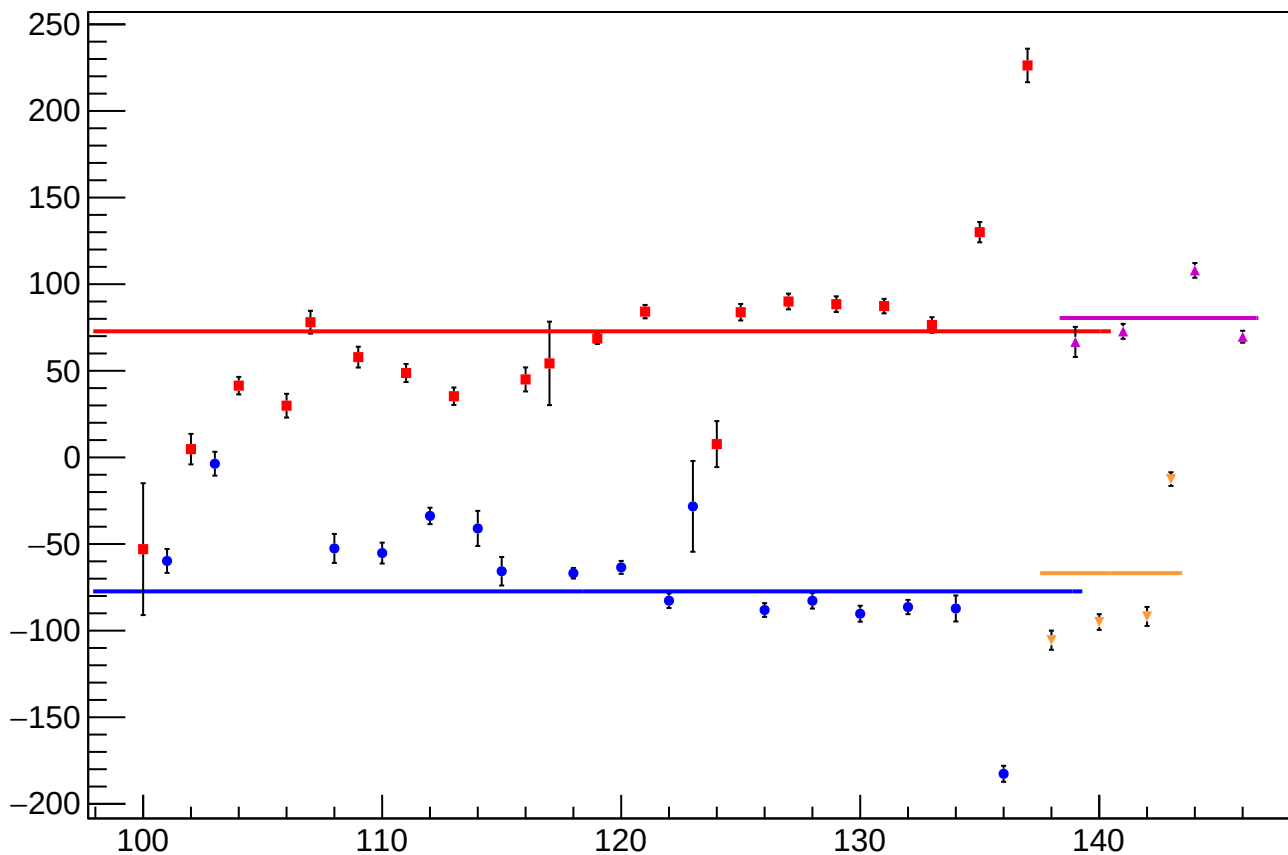
Left In: 253.521+/-2.547 χ^2/NDF : 35.6/3

-193.209+/-1.616 χ^2/NDF : 3802.4/20

27.968+/-1.113 χ^2/NDF : 41478.5/44

227.112+/-1.534 χ^2/NDF : 2091.5/23

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.342+/-1.219 χ^2/NDF : 817.2/16

Left Out: -66.813+/-2.364 χ^2/NDF : 297.3/3

Right Out: 72.789+/-1.207 χ^2/NDF : 673.5/19

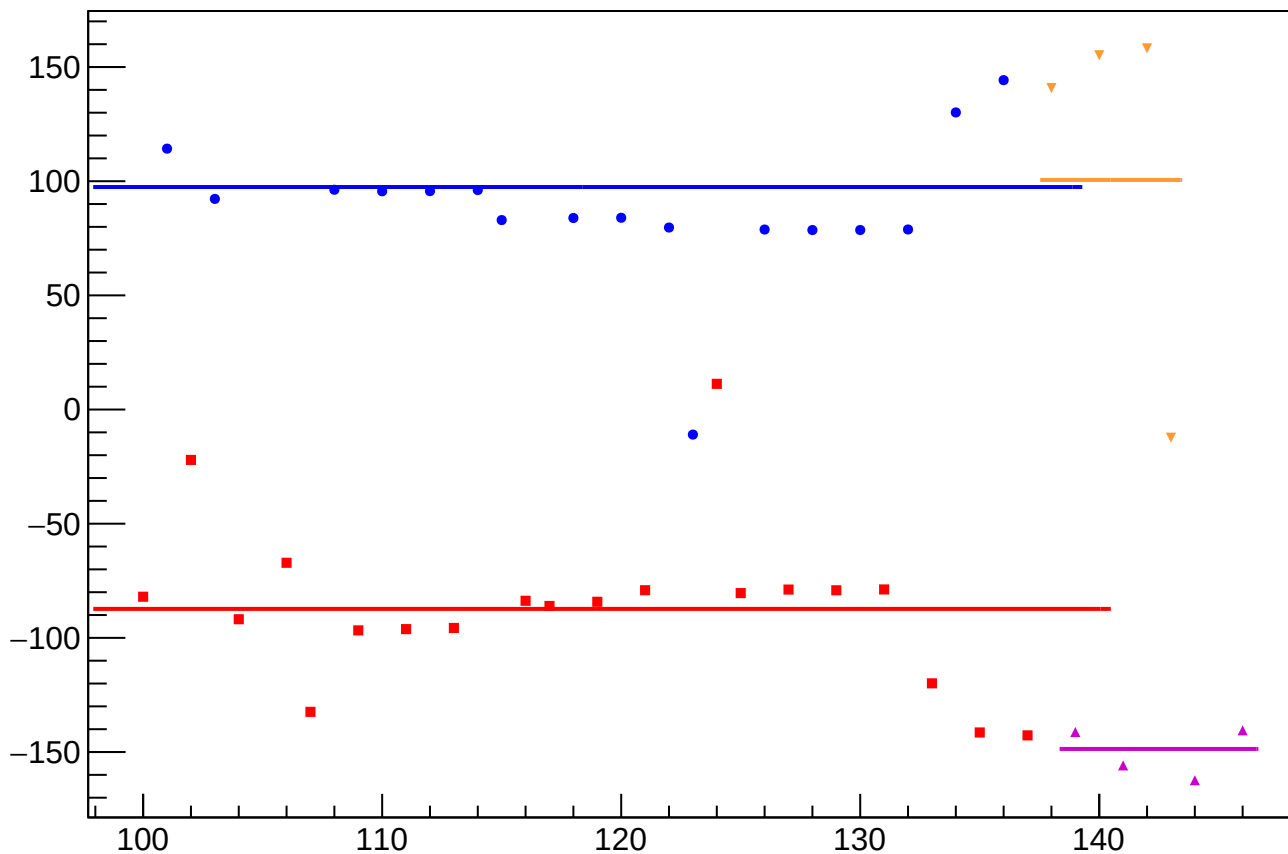
Left In: 80.479+/-2.207 χ^2/NDF : 56.8/3

-75.130+/-1.084 χ^2/NDF : 1130.2/20

1.446+/-0.757 χ^2/NDF : 11629.5/44

74.560+/-1.059 χ^2/NDF : 739.6/23

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452 $\pm$ 0.073 χ^2 /NDF: 94476.4/16

Left Out: 100.548 $\pm$ 0.112 χ^2 /NDF: 446949.8/3

Right Out: -87.312 $\pm$ 0.068 χ^2 /NDF: 221838.4/19

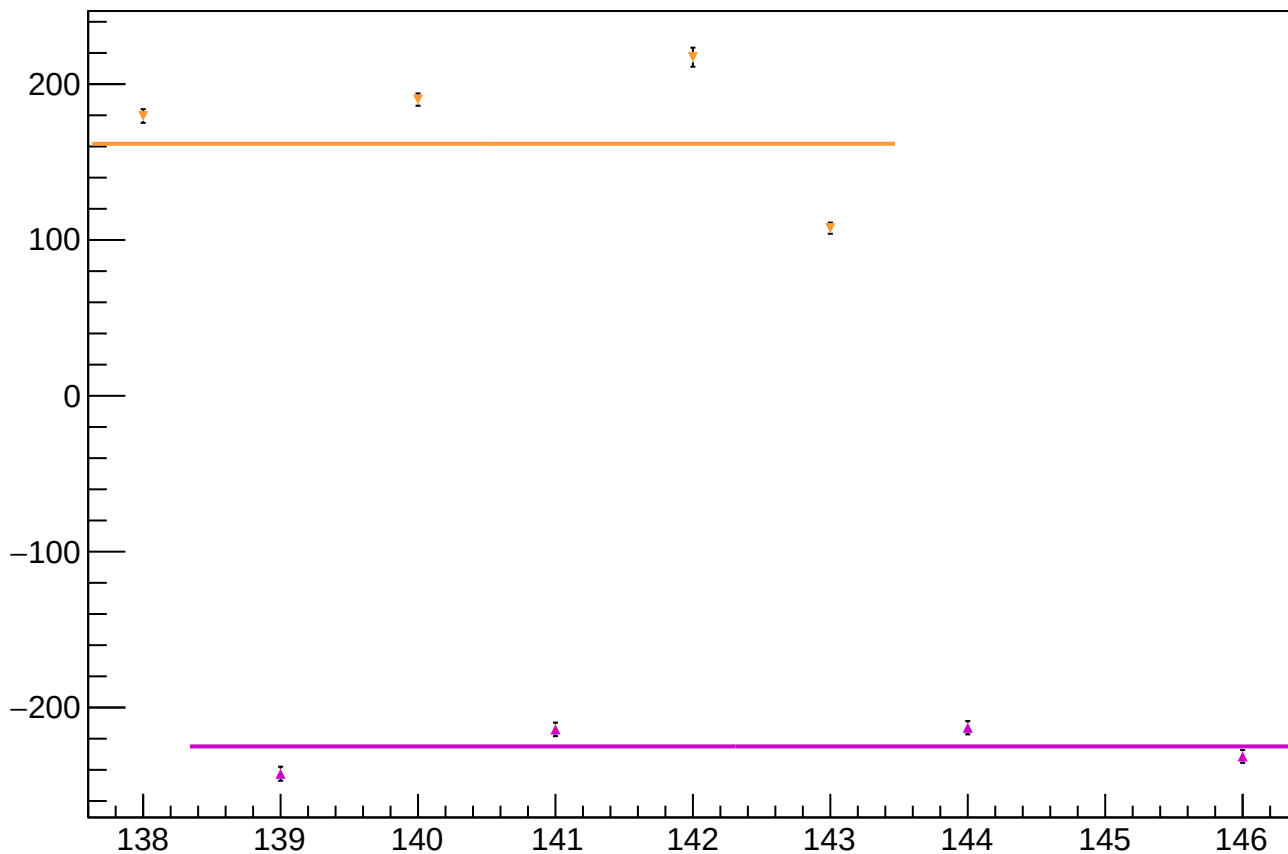
Left In: -148.647 $\pm$ 0.105 χ^2 /NDF: 7569.7/3

98.381 $\pm$ 0.061 χ^2 /NDF: 541961.9/20

-10.596 $\pm$ 0.042 χ^2 /NDF: 6923225.8/44

-105.468 $\pm$ 0.057 χ^2 /NDF: 469062.3/23

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: 161.727+/-2.133 χ^2/NDF : 378.5/3

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

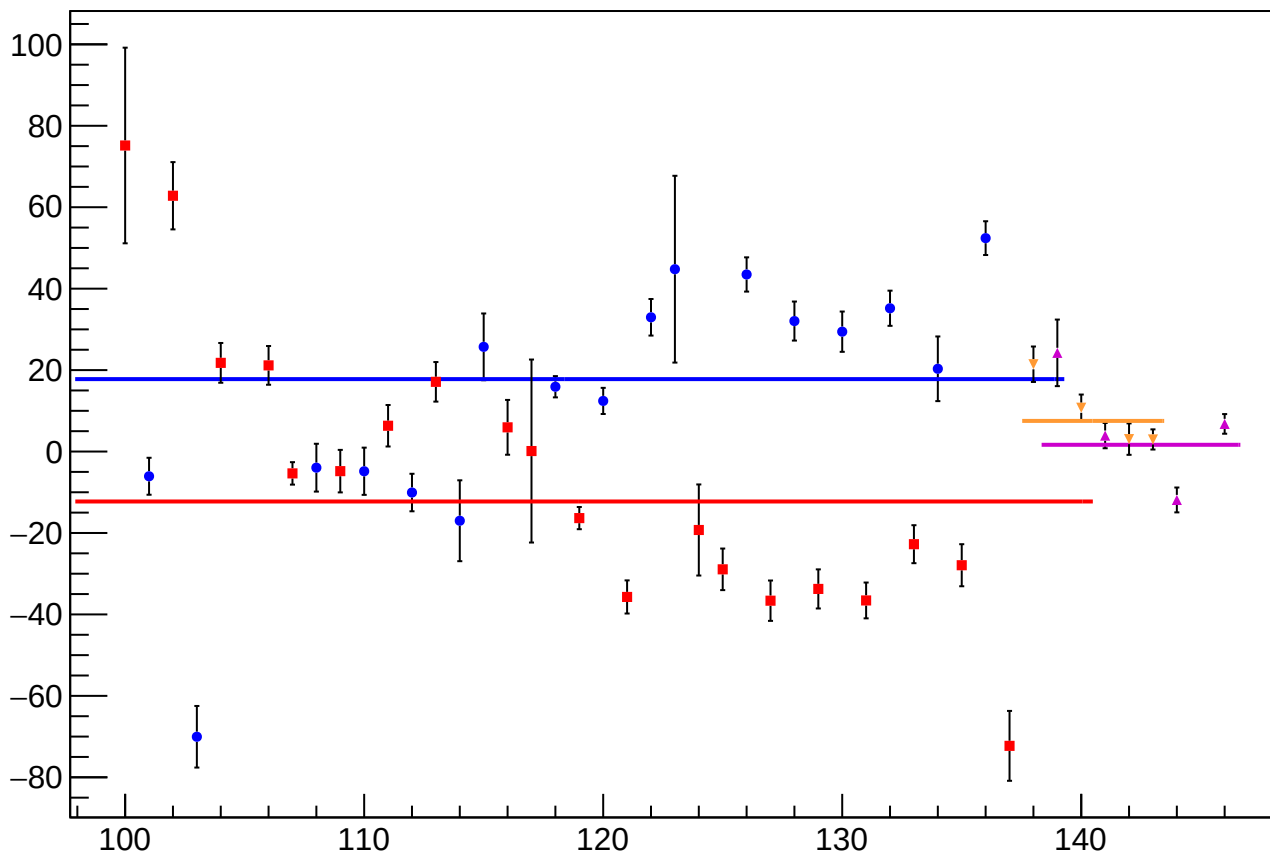
Left In: -224.966+/-2.159 χ^2/NDF : 31.6/3

161.727+/-2.133 χ^2/NDF : 378.5/3

-29.270+/-1.517 χ^2/NDF : 16644.8/7

-224.966+/-2.159 χ^2/NDF : 31.6/3

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786 ± 1.146 $\chi^2/\text{NDF}: 395.1/16$

Left Out: 7.523 ± 1.626 $\chi^2/\text{NDF}: 15.9/3$

Right Out: -12.265 ± 1.085 $\chi^2/\text{NDF}: 444.0/19$

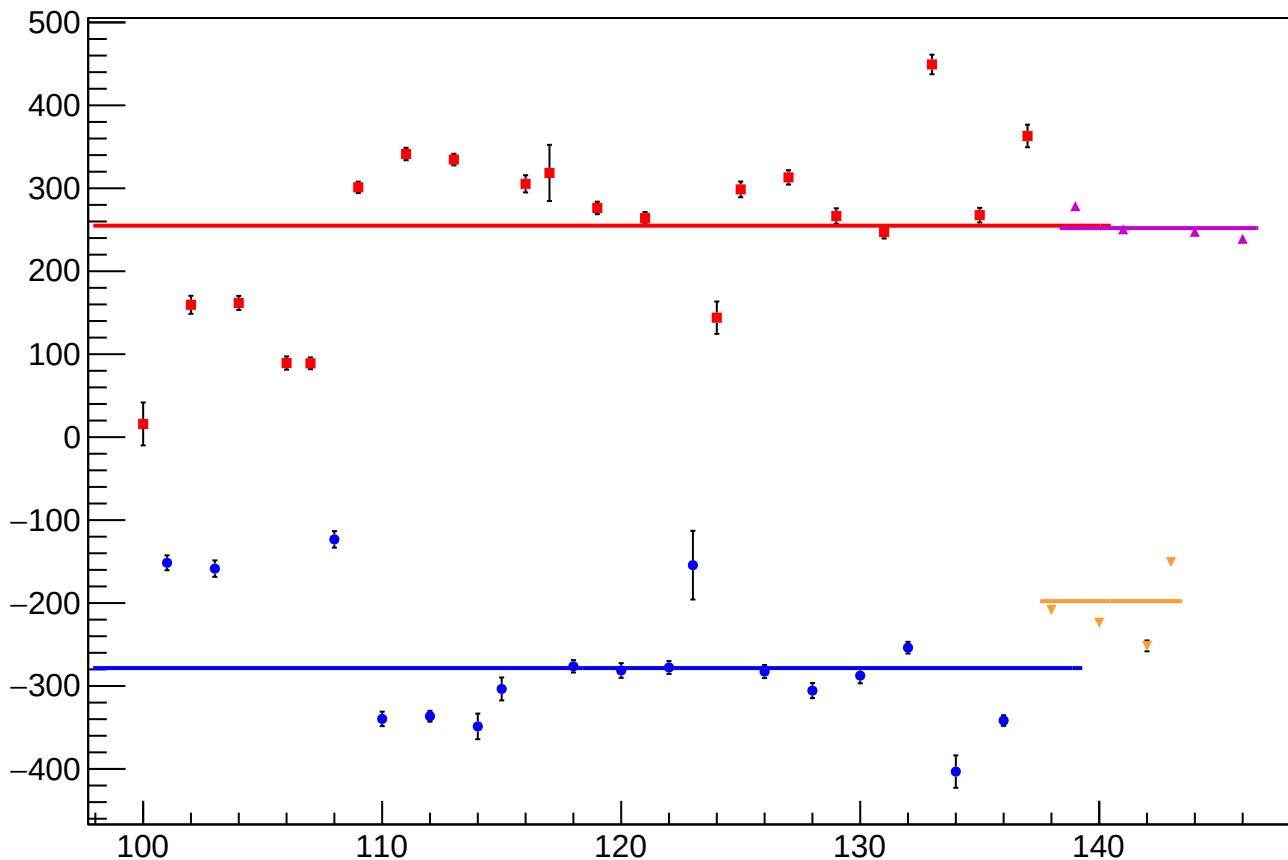
Left In: 1.656 ± 1.585 $\chi^2/\text{NDF}: 32.4/3$

14.377 ± 0.937 $\chi^2/\text{NDF}: 437.7/20$

2.771 ± 0.647 $\chi^2/\text{NDF}: 1260.2/44$

-7.826 ± 0.895 $\chi^2/\text{NDF}: 528.9/23$

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: -197.665+/-2.284 χ^2/NDF : 261.8/3

Right Out: 254.929+/-2.017 χ^2/NDF : 2042.0/19

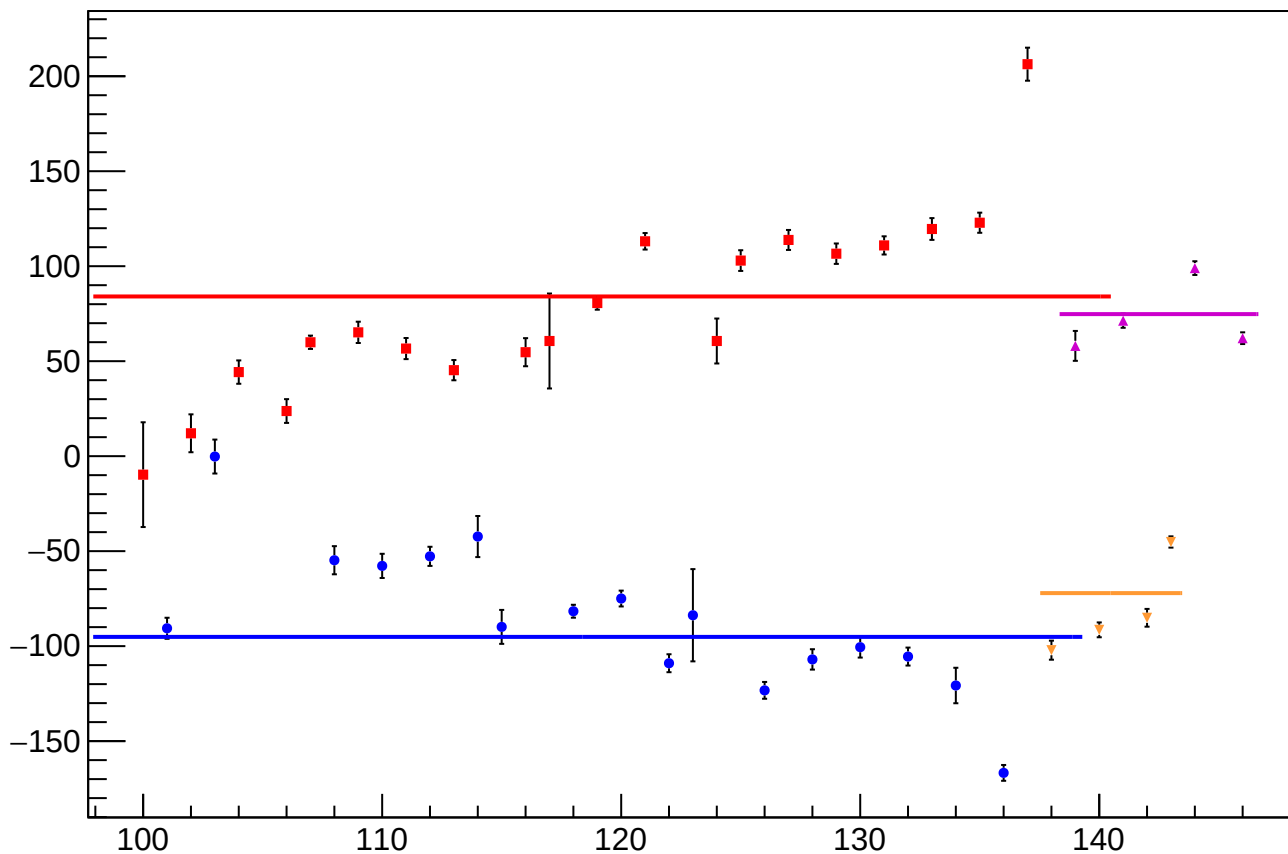
Left In: 252.035+/-2.236 χ^2/NDF : 40.7/3

-240.136+/-1.572 χ^2/NDF : 1829.6/20

18.741+/-1.084 χ^2/NDF : 55623.5/44

253.631+/-1.498 χ^2/NDF : 2083.7/23

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: -72.088 ± 1.944 χ^2/NDF : 150.4/3

Right Out: 84.065 ± 1.257 χ^2/NDF : 783.8/19

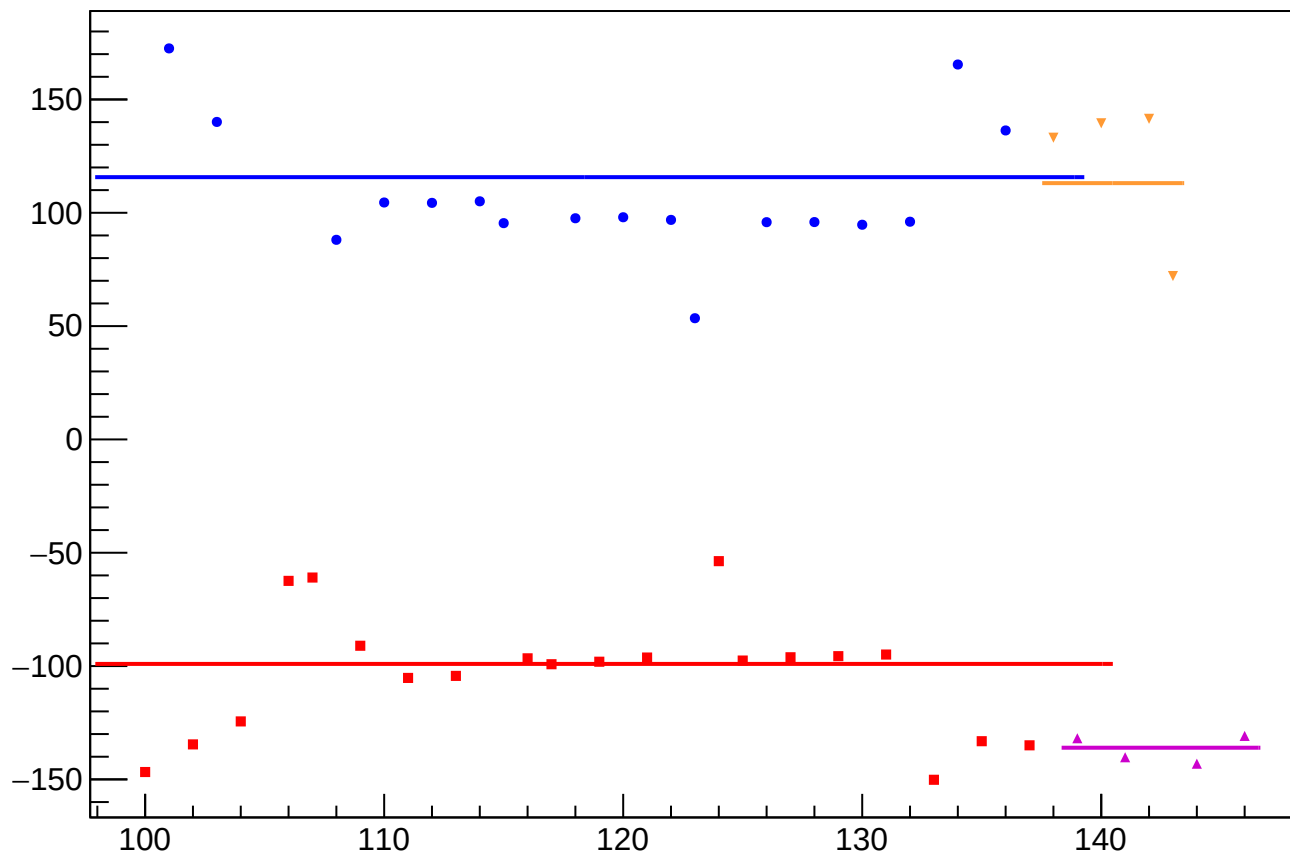
Left In: 74.778 ± 1.928 χ^2/NDF : 67.0/3

-87.844 ± 1.093 χ^2/NDF : 921.4/20

-0.086 ± 0.758 χ^2/NDF : 14202.6/44

81.294 ± 1.053 χ^2/NDF : 867.1/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724 $\pm$ 0.078 χ^2/NDF : 106388.1/16

Left Out: 113.084 $\pm$ 0.094 χ^2/NDF : 114694.8/3

Right Out: -99.049 $\pm$ 0.068 χ^2/NDF : 173463.3/19

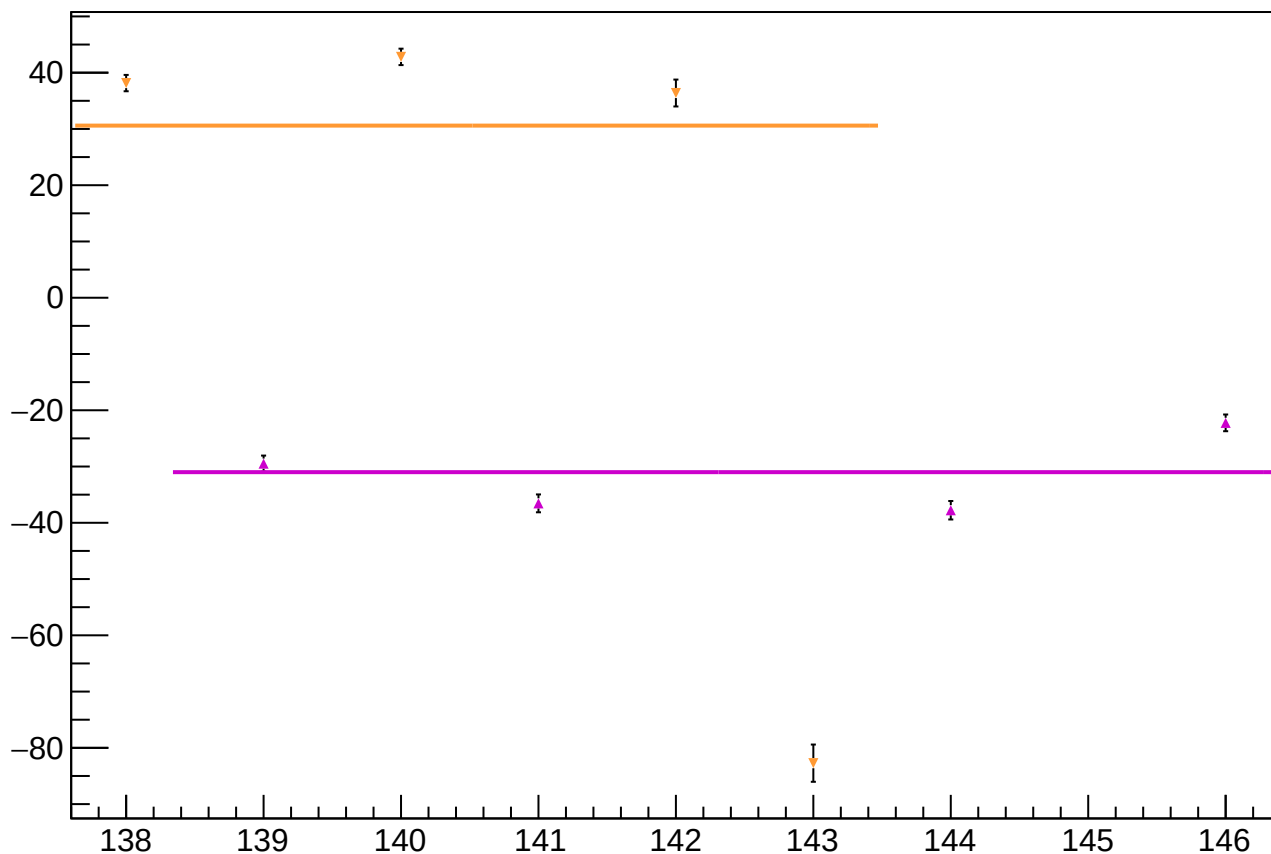
Left In: -136.027 $\pm$ 0.093 χ^2/NDF : 3144.2/3

114.643 $\pm$ 0.060 χ^2/NDF : 221552.0/20

-8.393 $\pm$ 0.041 χ^2/NDF : 8271885.2/44

-112.126 $\pm$ 0.055 χ^2/NDF : 279850.8/23

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: 30.595+/-0.909 χ^2/NDF : 1274.7/3

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

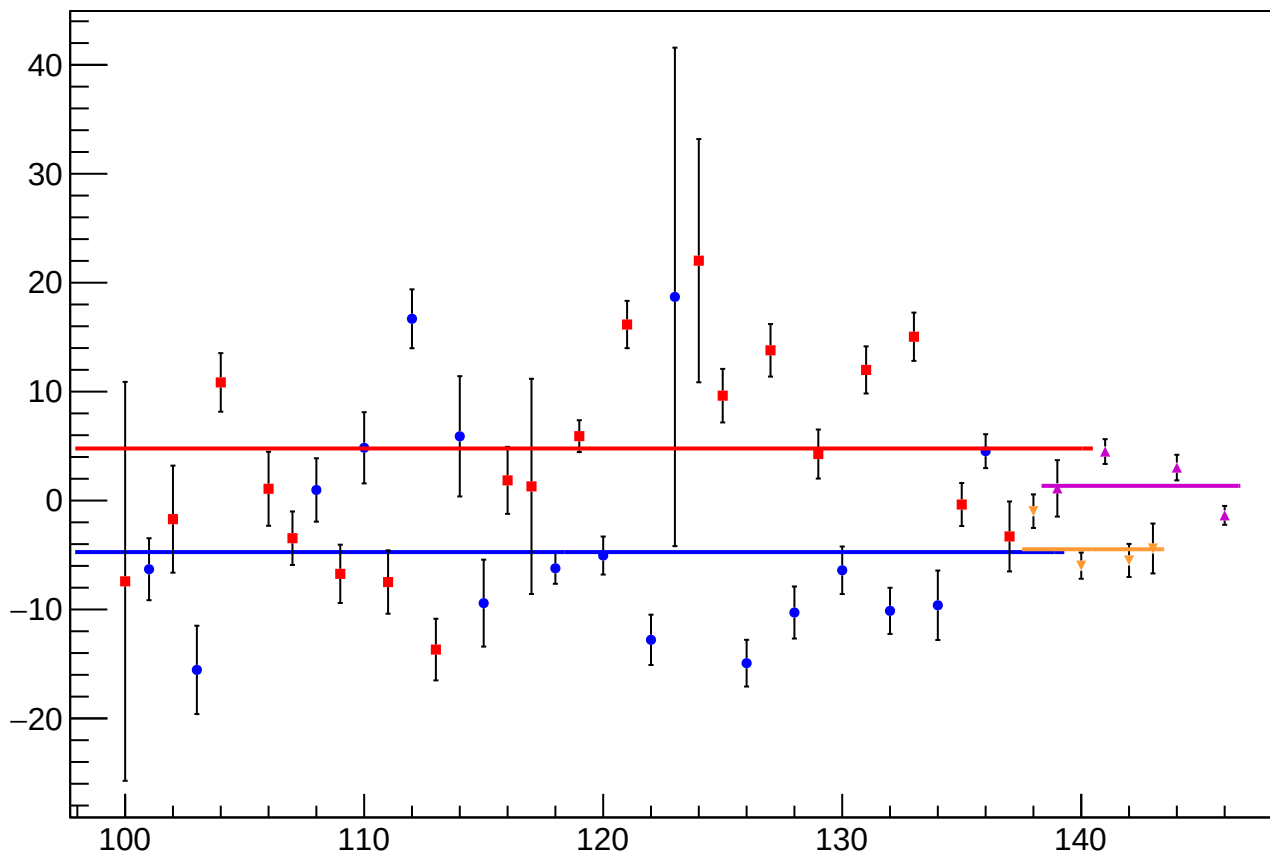
Left In: -31.000+/-0.765 χ^2/NDF : 65.1/3

30.595+/-0.909 χ^2/NDF : 1274.7/3

-5.452+/-0.585 χ^2/NDF : 4028.0/7

-31.000+/-0.765 χ^2/NDF : 65.1/3

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: -4.471 ± 0.759 χ^2/NDF : 7.2/3

Right Out: 4.780 ± 0.585 χ^2/NDF : 193.6/19

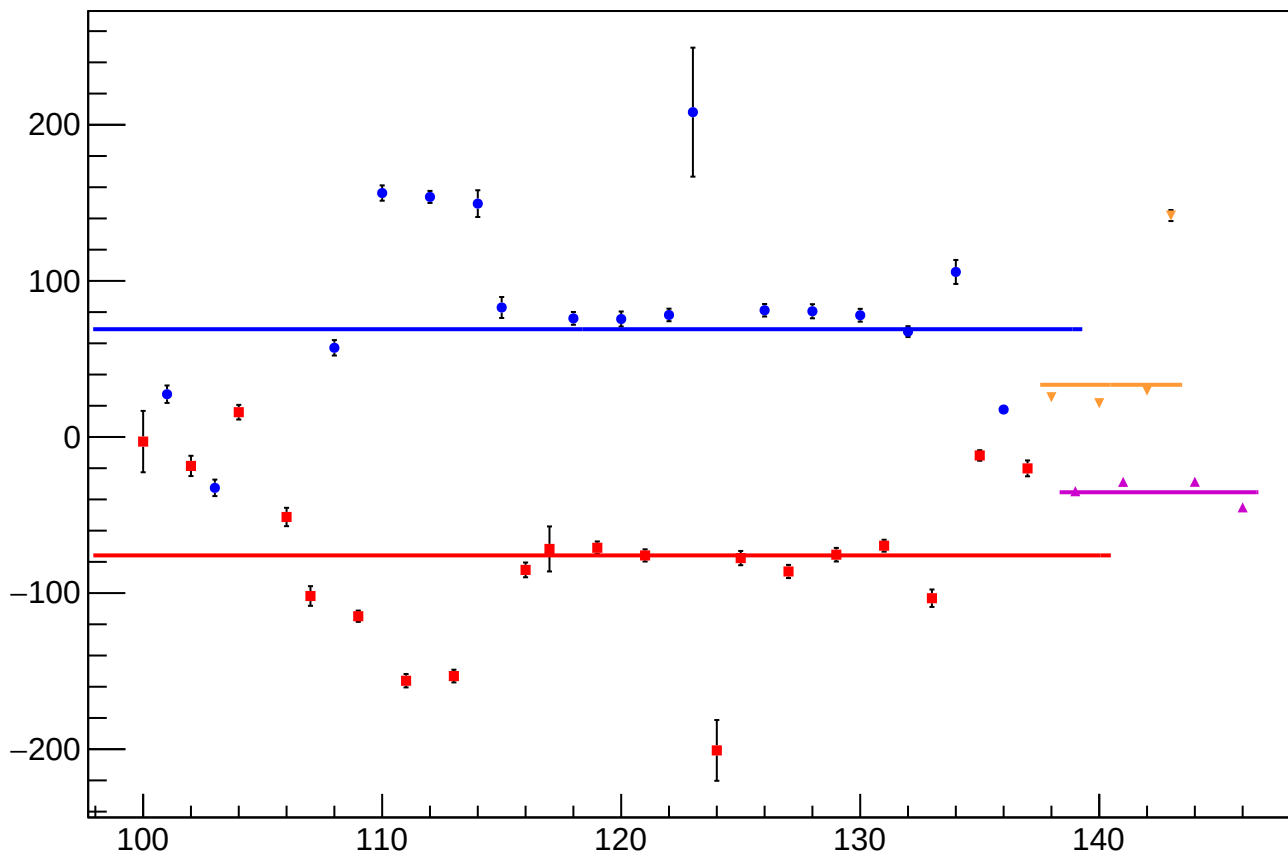
Left In: 1.351 ± 0.579 χ^2/NDF : 19.5/3

-4.635 ± 0.461 χ^2/NDF : 182.1/20

-0.361 ± 0.307 χ^2/NDF : 567.3/44

3.050 ± 0.412 χ^2/NDF : 230.4/23

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: 33.445 ± 0.976 χ^2/NDF : 1027.0/3

Right Out: -75.855 ± 1.067 χ^2/NDF : 1895.1/19

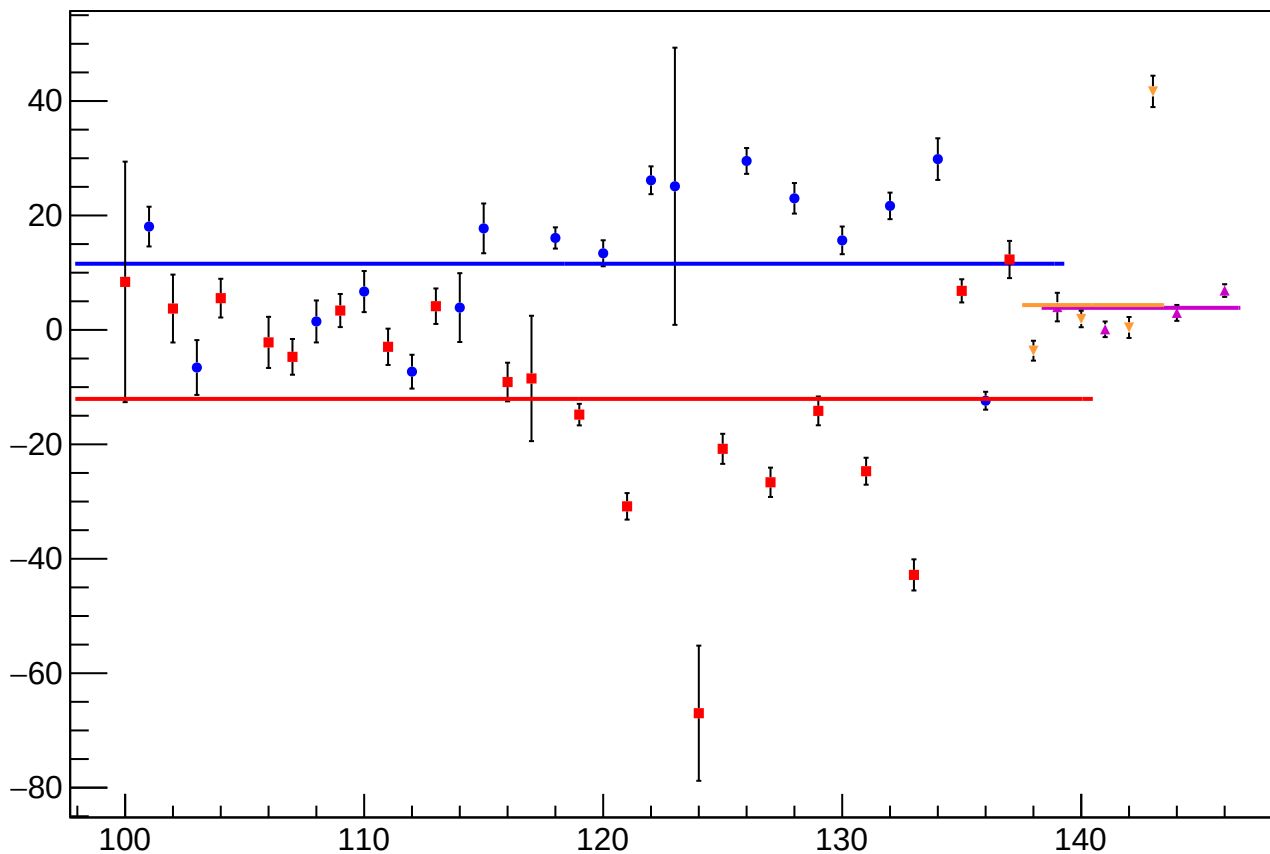
Left In: -35.401 ± 0.794 χ^2/NDF : 76.8/3

49.500 ± 0.723 χ^2/NDF : 3475.3/20

-6.429 ± 0.478 χ^2/NDF : 17000.4/44

-49.825 ± 0.637 χ^2/NDF : 2897.6/23

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: 4.336 $\pm$ 0.898 χ^2 /NDF: 213.8/3

Right Out: -12.058 $\pm$ 0.663 χ^2 /NDF: 543.4/19

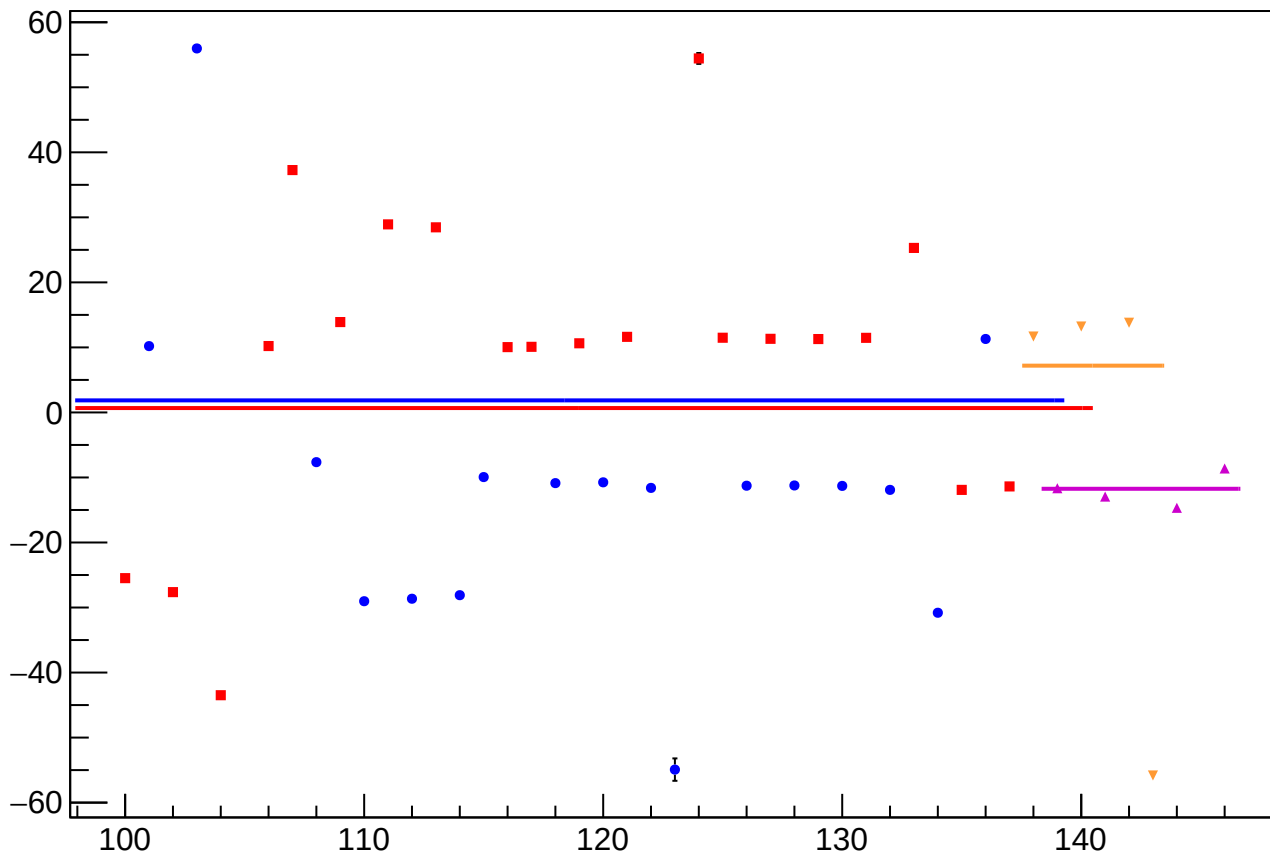
Left In: 3.857 $\pm$ 0.702 χ^2 /NDF: 15.4/3

9.037 $\pm$ 0.531 χ^2 /NDF: 734.2/20

1.590 $\pm$ 0.357 χ^2 /NDF: 1923.6/44

-4.557 $\pm$ 0.482 χ^2 /NDF: 830.2/23

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: 7.194+/-0.040 χ^2/NDF : 215628.4/3

Right Out: 0.673+/-0.037 χ^2/NDF : 361828.1/19

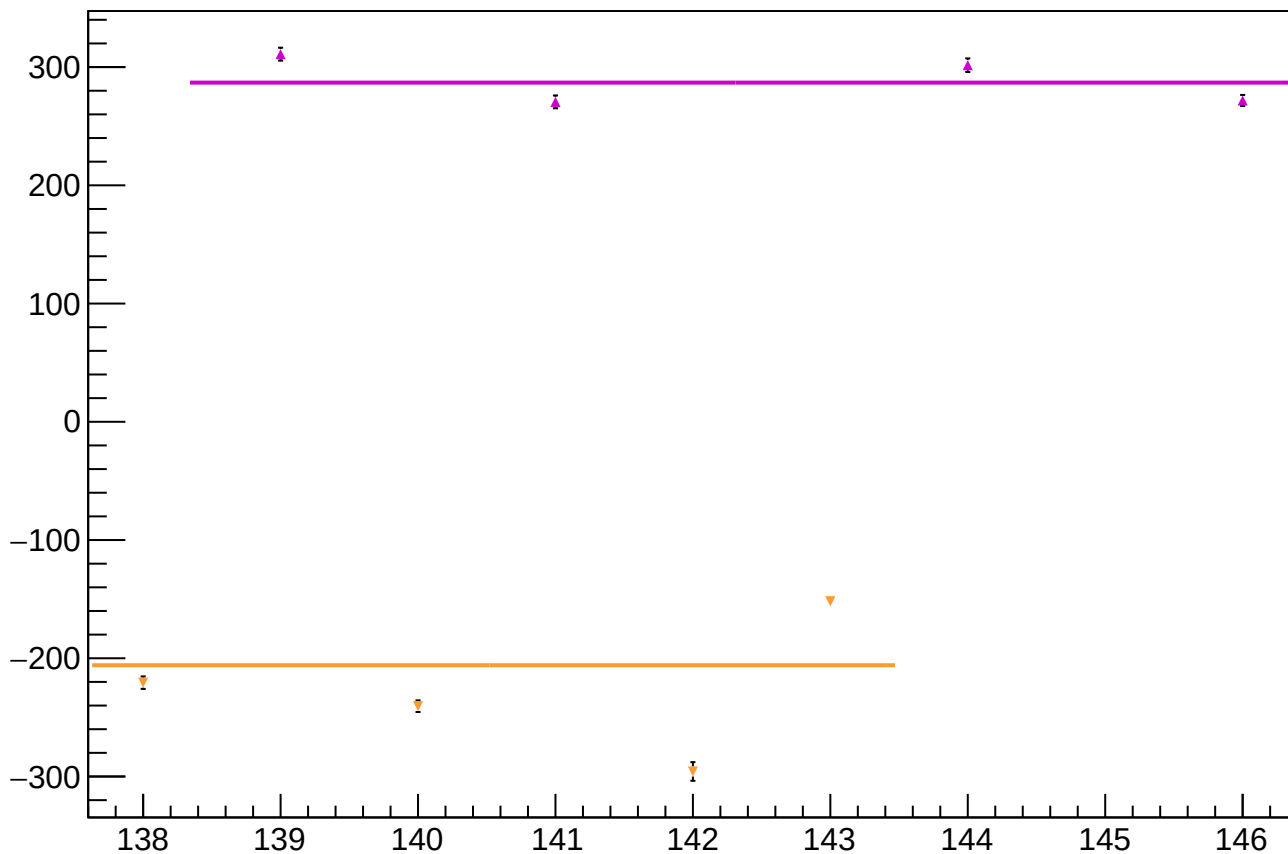
Left In: -11.740+/-0.032 χ^2/NDF : 4030.0/3

4.330+/-0.027 χ^2/NDF : 584693.0/20

-1.574+/-0.018 χ^2/NDF : 1100135.7/44

-6.351+/-0.024 χ^2/NDF : 429575.5/23

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: -205.887+/-2.533 χ^2/NDF : 371.1/3

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

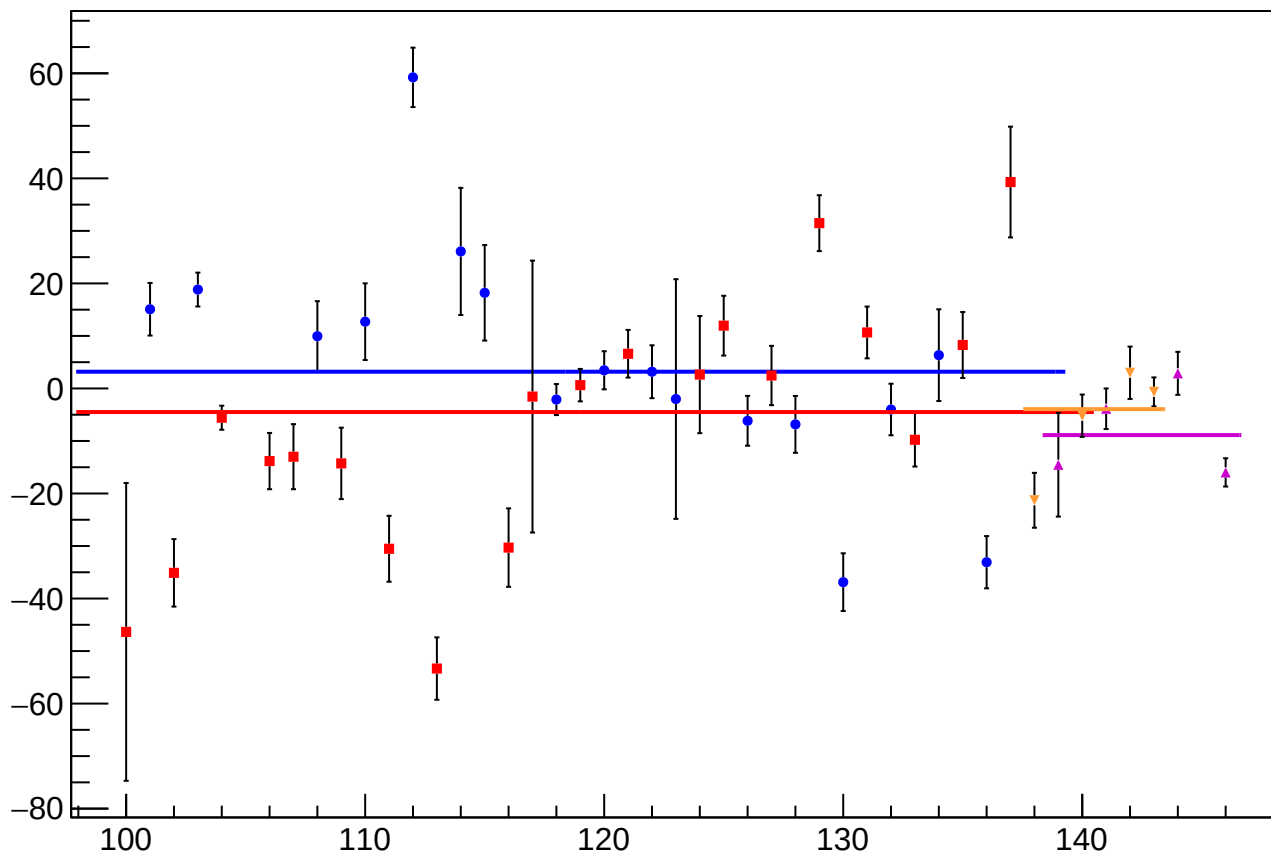
Left In: 286.871+/-2.640 χ^2/NDF : 45.3/3

-205.887+/-2.533 χ^2/NDF : 371.1/3

30.258+/-1.828 χ^2/NDF : 18555.7/7

286.871+/-2.640 χ^2/NDF : 45.3/3

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.188 ± 1.225 $\chi^2/\text{NDF}: 255.6/16$

Left Out: -3.940 ± 1.923 $\chi^2/\text{NDF}: 14.5/3$

Right Out: -4.492 ± 1.158 $\chi^2/\text{NDF}: 225.4/19$

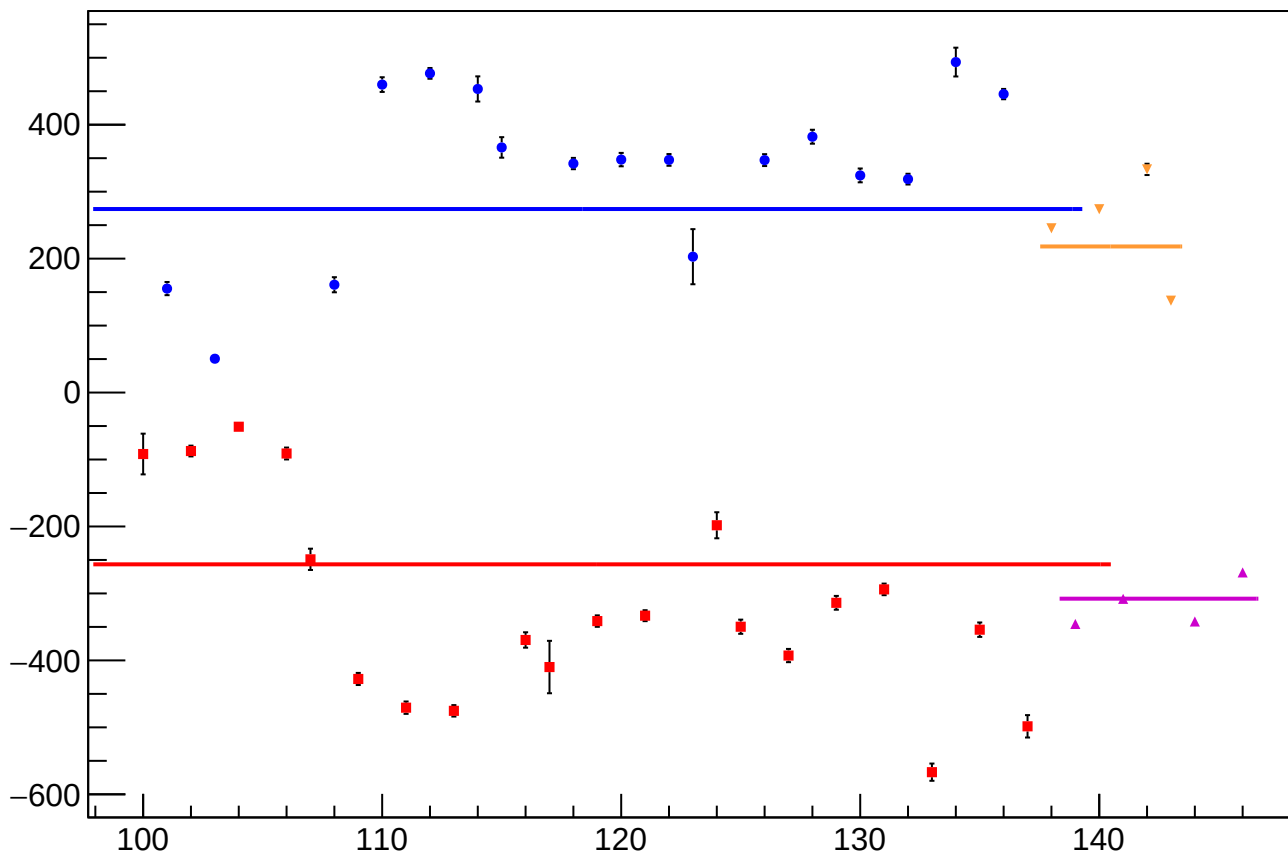
Left In: -8.883 ± 1.907 $\chi^2/\text{NDF}: 17.2/3$

1.129 ± 1.033 $\chi^2/\text{NDF}: 279.9/20$

-2.418 ± 0.715 $\chi^2/\text{NDF}: 549.0/44$

-5.675 ± 0.990 $\chi^2/\text{NDF}: 246.5/23$

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: 218.164 $\pm$ 2.712 χ^2/NDF : 682.5/3

Right Out: -256.542 $\pm$ 2.077 χ^2/NDF : 6459.5/19

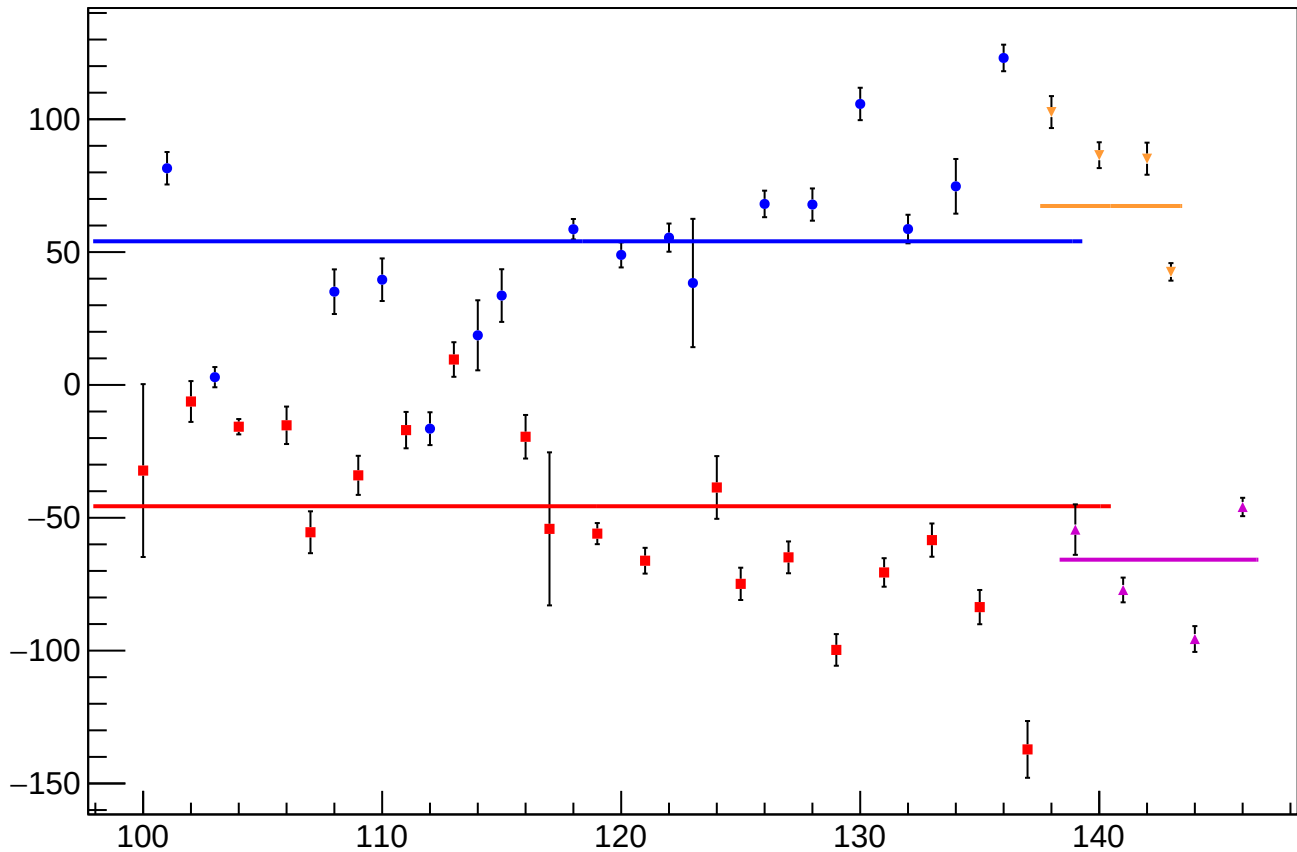
Left In: -307.835 $\pm$ 2.719 χ^2/NDF : 148.6/3

251.995 $\pm$ 1.704 χ^2/NDF : 6051.7/20

-20.155 $\pm$ 1.186 χ^2/NDF : 62308.5/44

-275.448 $\pm$ 1.651 χ^2/NDF : 6832.8/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065 $\pm$ 1.421 χ^2/NDF : 634.4/16

Left Out: 67.350 $\pm$ 2.300 χ^2/NDF : 115.1/3

Right Out: -45.656 $\pm$ 1.358 χ^2/NDF : 530.9/19

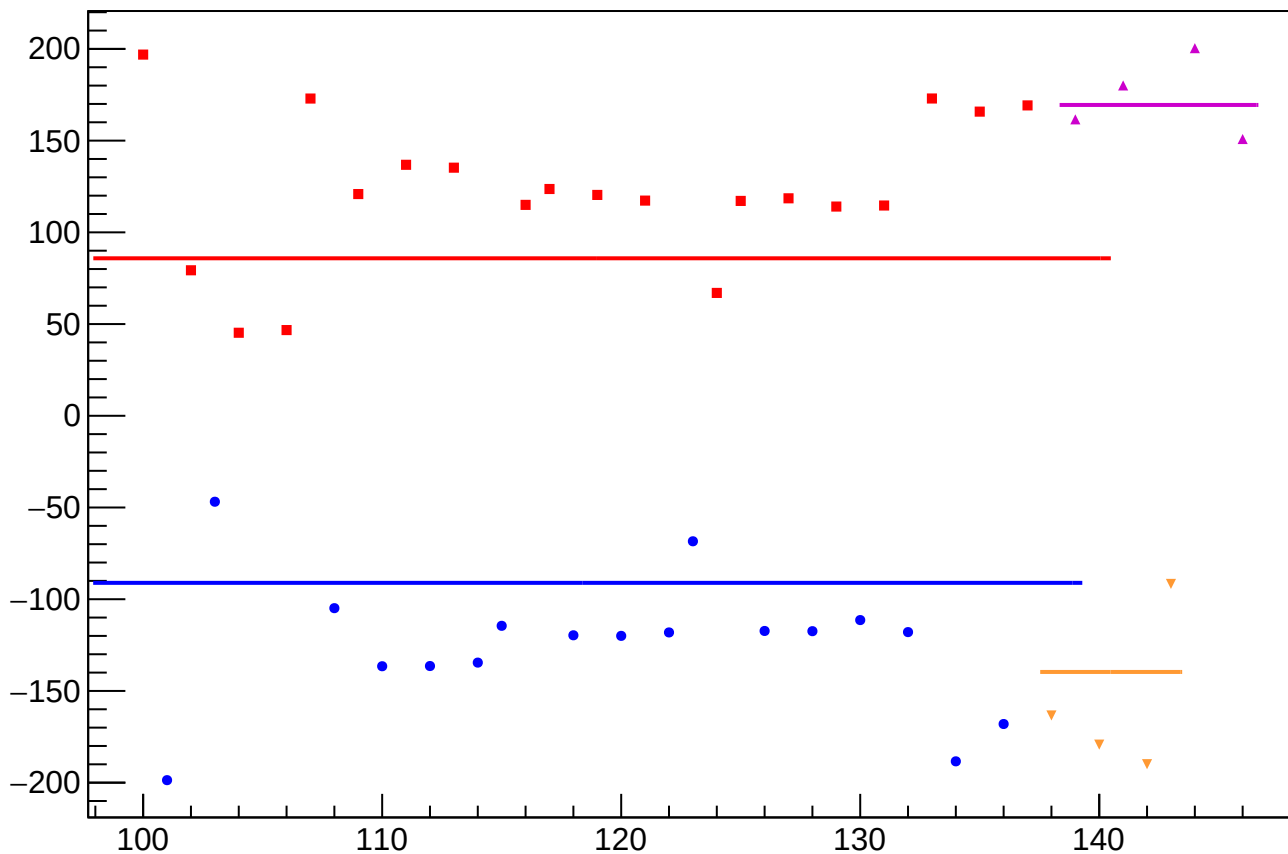
Left In: -65.773 $\pm$ 2.334 χ^2/NDF : 78.2/3

57.734 $\pm$ 1.209 χ^2/NDF : 773.7/20

1.902 $\pm$ 0.842 χ^2/NDF : 5585.0/44

-50.741 $\pm$ 1.173 χ^2/NDF : 664.6/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.074 $\pm$ 0.068 χ^2 /NDF: 534647.5/16

Left Out: -139.648 $\pm$ 0.111 χ^2 /NDF: 141553.5/3

Right Out: 85.852 $\pm$ 0.065 χ^2 /NDF: 496339.6/19

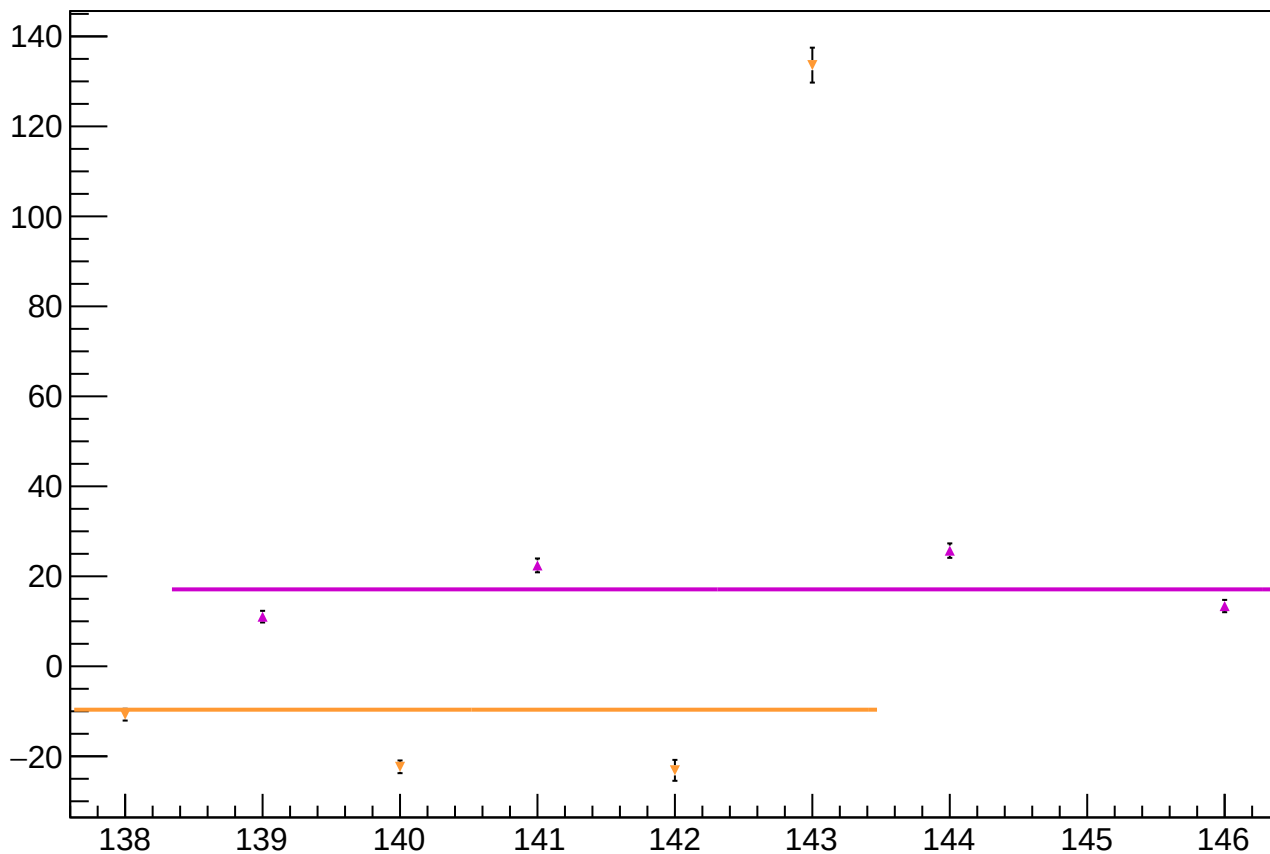
Left In: 169.448 $\pm$ 0.113 χ^2 /NDF: 24875.0/3

-104.201 $\pm$ 0.058 χ^2 /NDF: 816024.0/20

3.816 $\pm$ 0.040 χ^2 /NDF: 8596145.4/44

106.718 $\pm$ 0.056 χ^2 /NDF: 934075.5/23

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: -9.644+/-0.866 χ^2/NDF : 1477.7/3

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

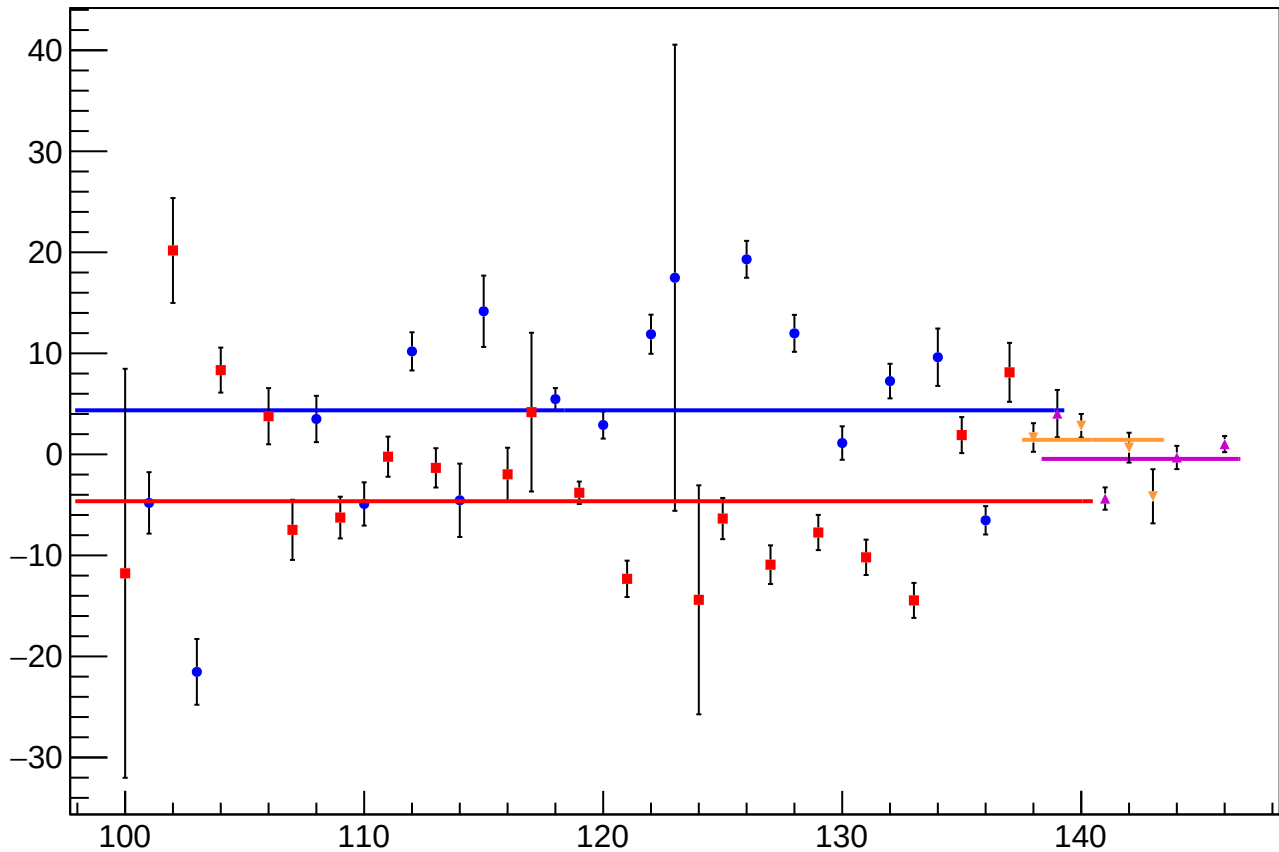
Left In: 17.098+/-0.719 χ^2/NDF : 69.9/3

-9.644+/-0.866 χ^2/NDF : 1477.7/3

6.188+/-0.553 χ^2/NDF : 2112.5/7

17.098+/-0.719 χ^2/NDF : 69.9/3

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361 ± 0.464 χ^2/NDF : 286.5/16

Left Out: 1.441 ± 0.739 χ^2/NDF : 6.1/3

Right Out: -4.638 ± 0.473 χ^2/NDF : 186.6/19

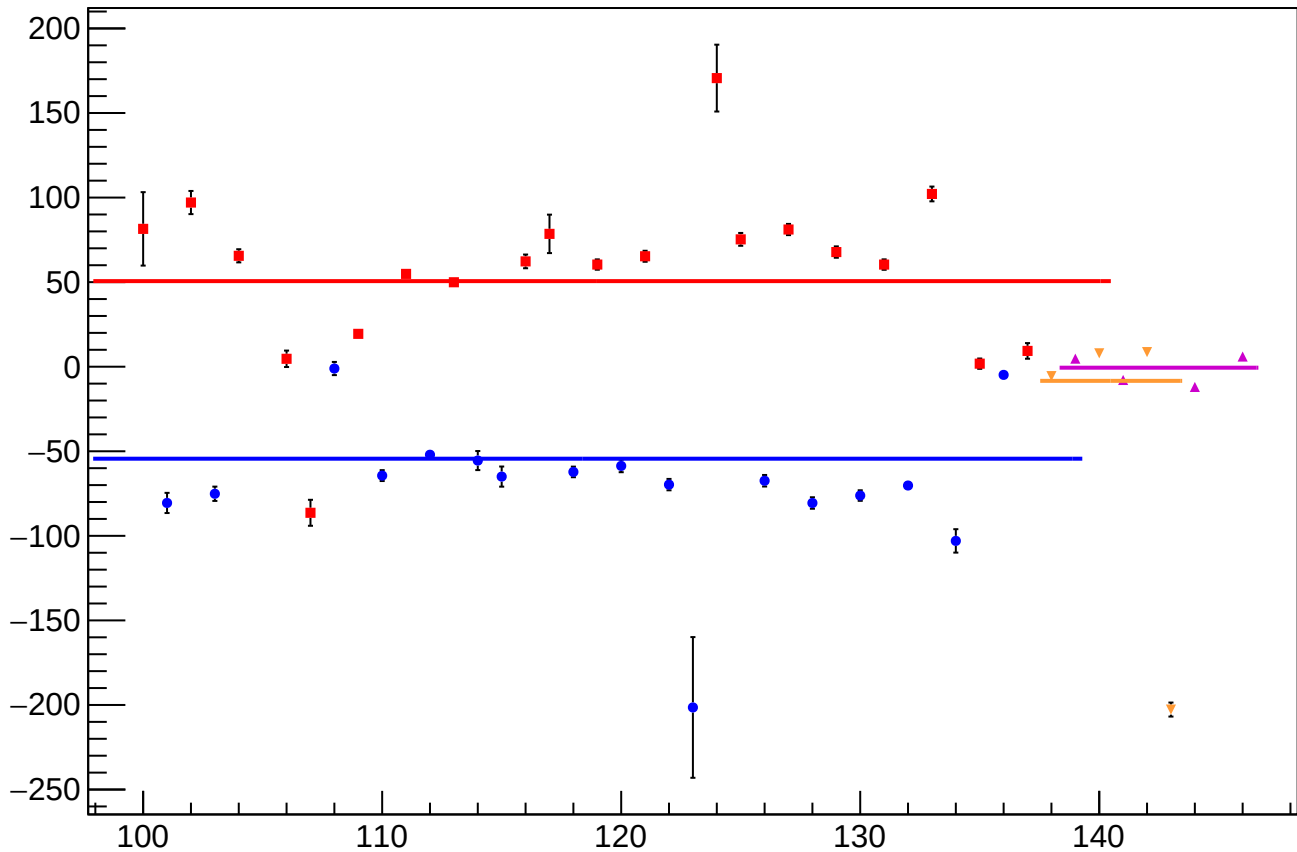
Left In: -0.448 ± 0.549 χ^2/NDF : 19.7/3

3.534 ± 0.393 χ^2/NDF : 303.8/20

0.047 ± 0.265 χ^2/NDF : 687.6/44

-2.850 ± 0.358 χ^2/NDF : 239.8/23

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 ± 0.863 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: -8.365 ± 0.930 $\chi^2/\text{NDF}: 2369.1/3$

Right Out: 50.600 ± 0.855 $\chi^2/\text{NDF}: 1330.8/19$

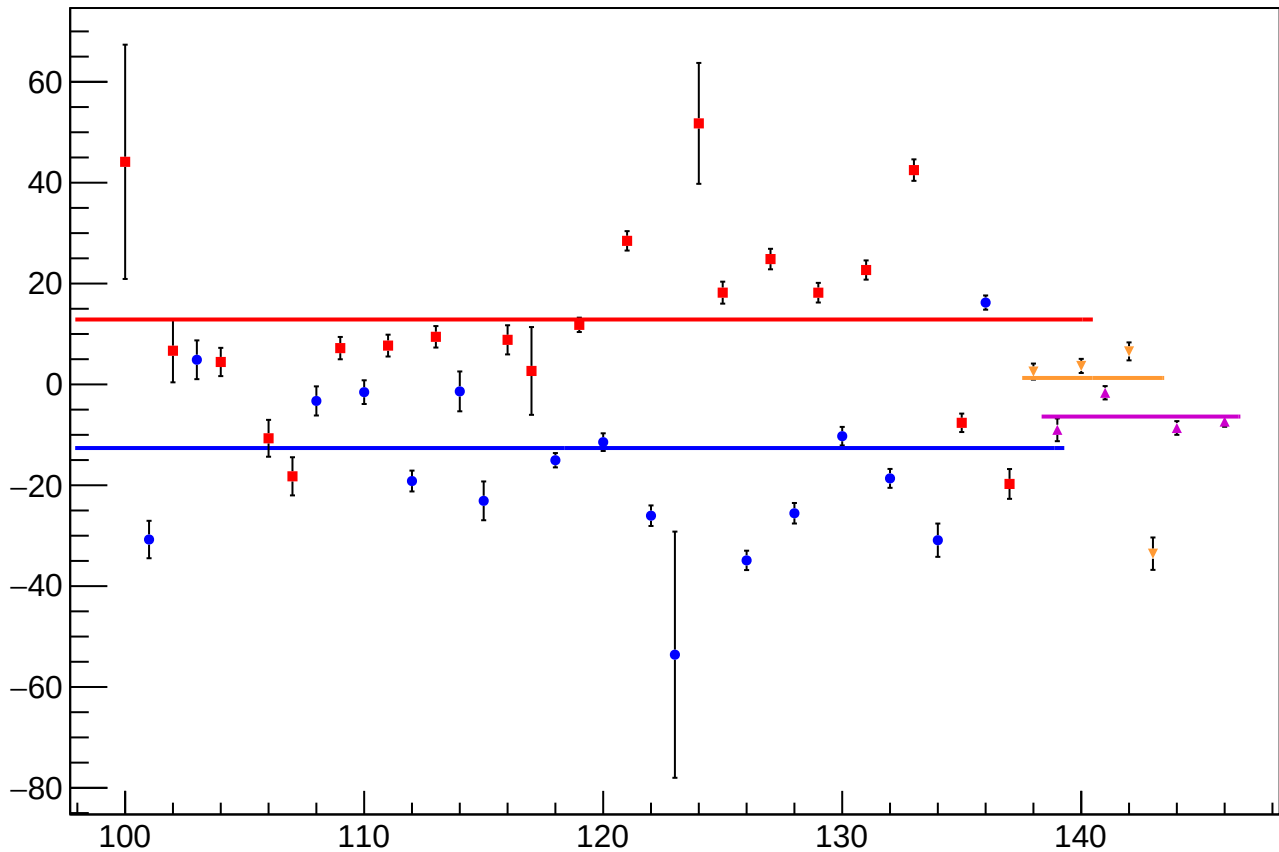
Left In: -0.585 ± 0.745 $\chi^2/\text{NDF}: 103.3/3$

-33.111 ± 0.632 $\chi^2/\text{NDF}: 4699.1/20$

-2.577 ± 0.420 $\chi^2/\text{NDF}: 12339.9/44$

21.509 ± 0.562 $\chi^2/\text{NDF}: 3471.2/23$

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: 1.281 ± 0.871 χ^2/NDF : 130.0/3

Right Out: 12.873 ± 0.537 χ^2/NDF : 731.6/19

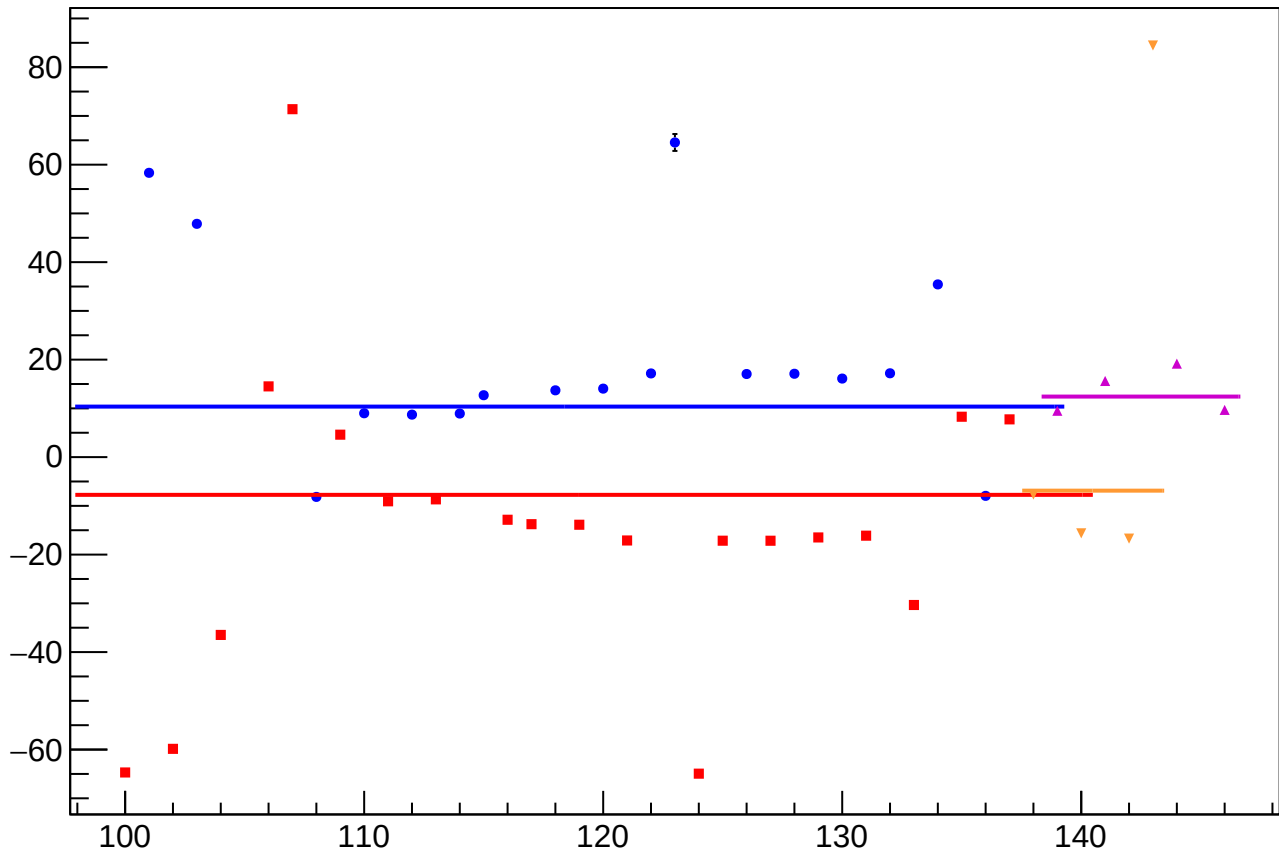
Left In: -6.375 ± 0.665 χ^2/NDF : 17.8/3

-8.859 ± 0.453 χ^2/NDF : 1104.0/20

-1.225 ± 0.307 χ^2/NDF : 2886.3/44

5.274 ± 0.418 χ^2/NDF : 1256.3/23

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: -6.880+/-0.038 χ^2/NDF : 330300.9/3

Right Out: -7.741+/-0.031 χ^2/NDF : 545218.7/19

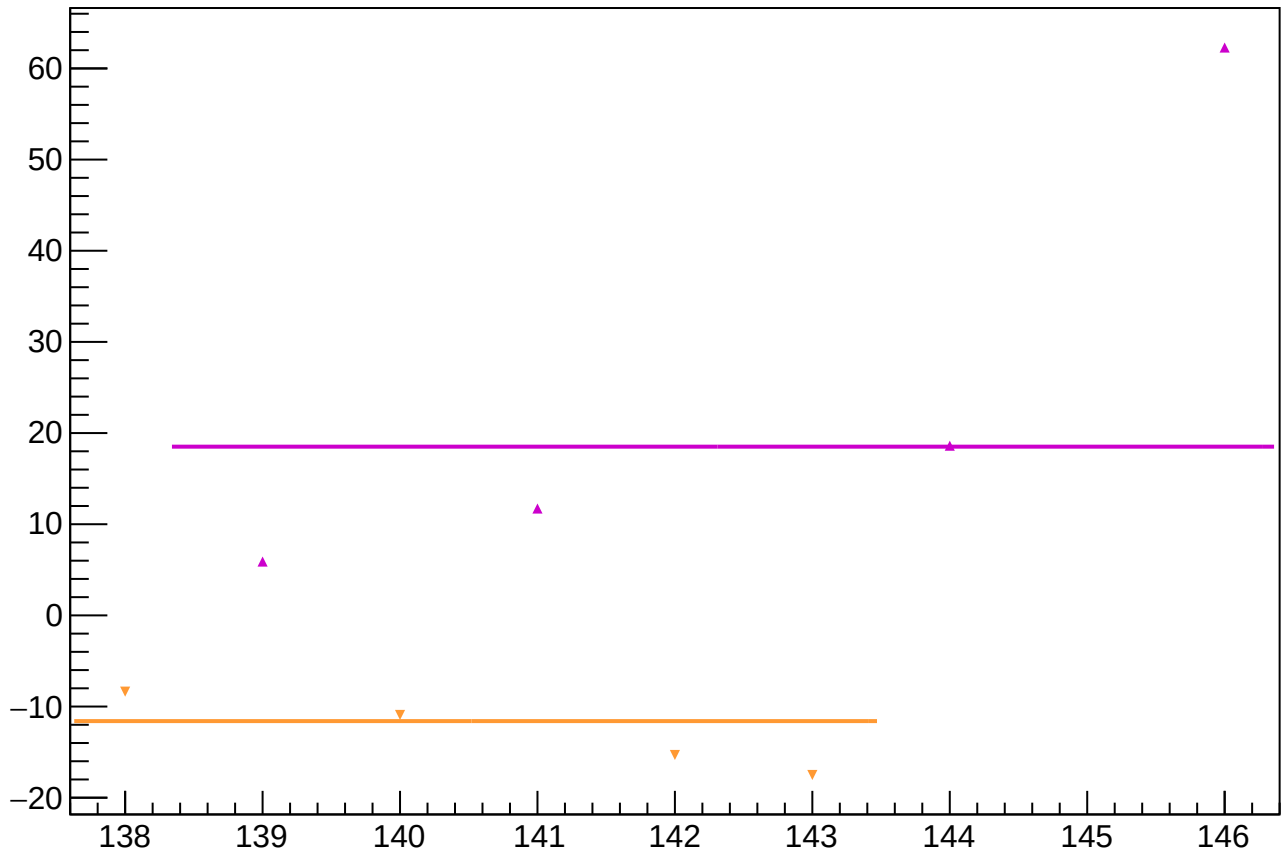
Left In: 12.422+/-0.030 χ^2/NDF : 15938.4/3

3.555+/-0.024 χ^2/NDF : 837260.3/20

3.054+/-0.016 χ^2/NDF : 1614140.3/44

2.634+/-0.022 χ^2/NDF : 776062.1/23

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -11.597+/-0.127 χ^2/NDF : 729.2/3

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

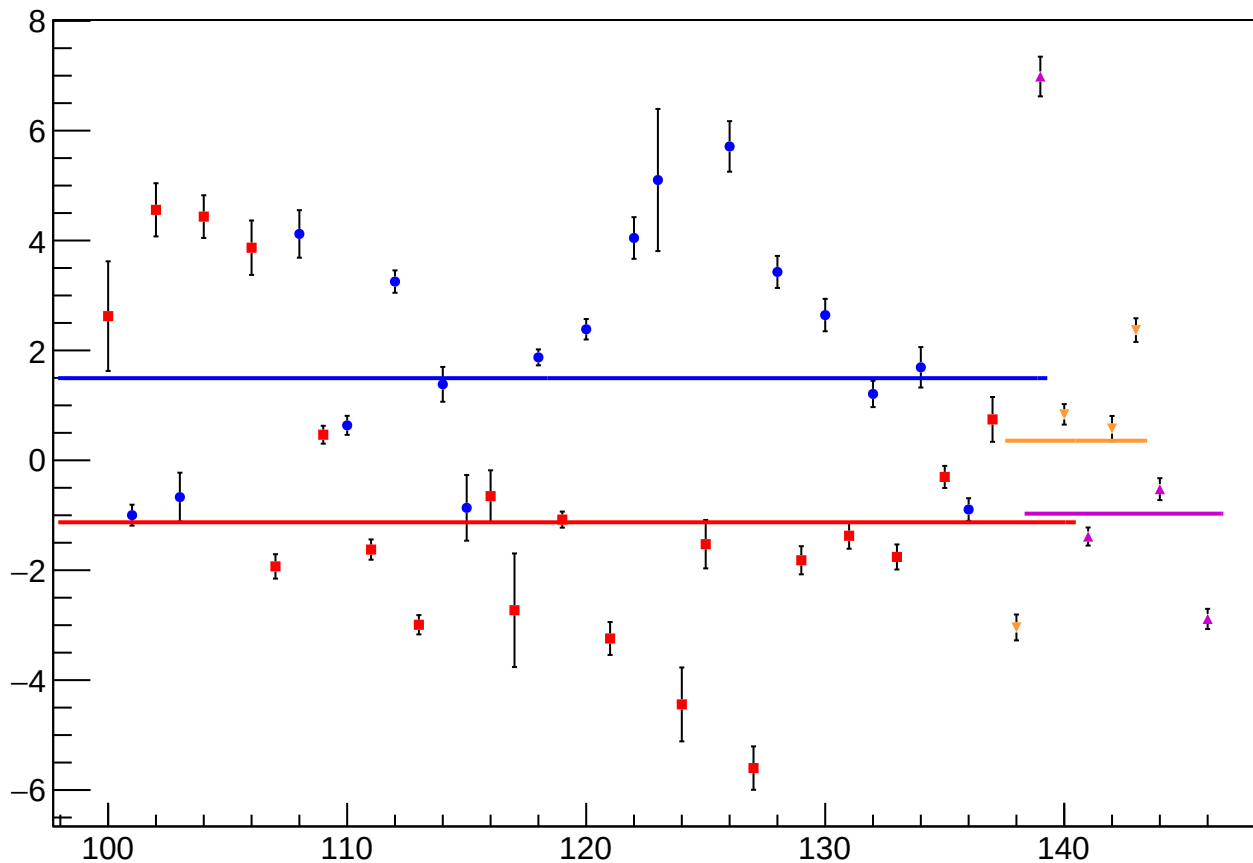
Left In: 18.509+/-0.122 χ^2/NDF : 24338.8/3

-11.597+/-0.127 χ^2/NDF : 729.2/3

4.083+/-0.088 χ^2/NDF : 54222.4/7

18.509+/-0.122 χ^2/NDF : 24338.8/3

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495 $\pm$ 0.061 χ^2 /NDF: 708.8/16

Left Out: 0.357 $\pm$ 0.107 χ^2 /NDF: 303.1/3

Right Out: -1.128 $\pm$ 0.058 χ^2 /NDF: 948.9/19

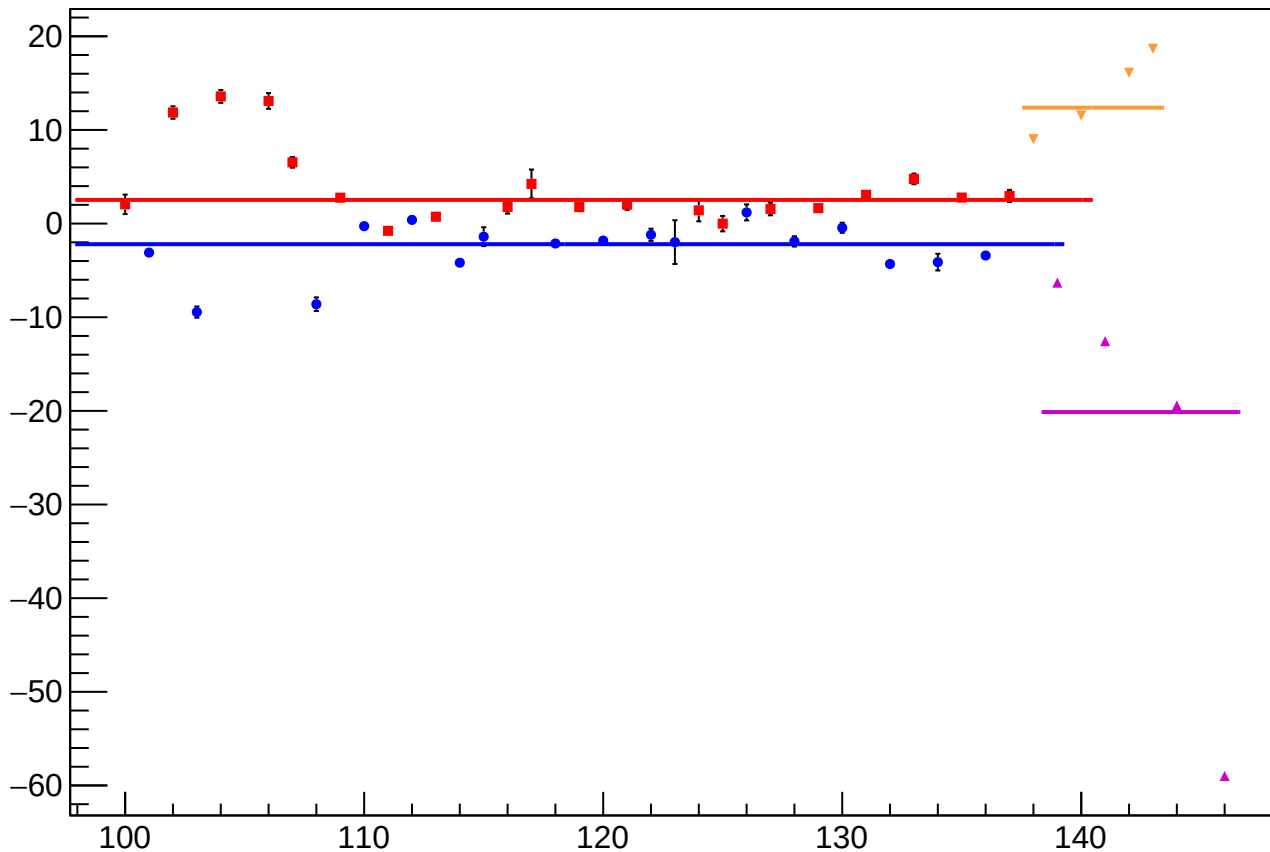
Left In: -0.971 $\pm$ 0.100 χ^2 /NDF: 605.8/3

1.215 $\pm$ 0.053 χ^2 /NDF: 1097.2/20

0.002 $\pm$ 0.036 χ^2 /NDF: 3647.4/44

-1.088 $\pm$ 0.050 χ^2 /NDF: 1556.5/23

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: 12.378 ± 0.137 χ^2/NDF : 698.4/3

Right Out: 2.527 ± 0.099 χ^2/NDF : 904.5/19

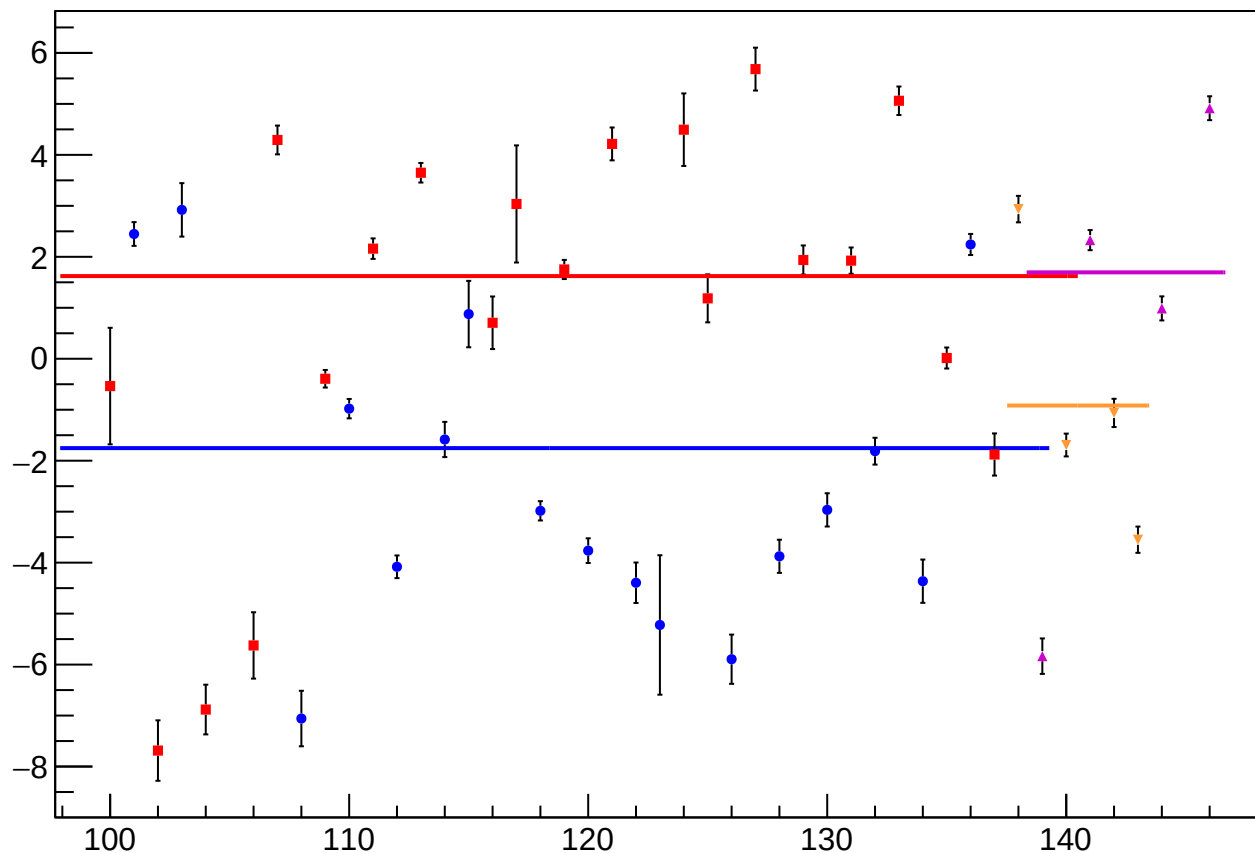
Left In: -20.125 ± 0.128 χ^2/NDF : 21872.4/3

3.567 ± 0.086 χ^2/NDF : 8033.7/20

-1.604 ± 0.058 χ^2/NDF : 56981.2/44

-5.890 ± 0.078 χ^2/NDF : 42331.8/23

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753 ± 0.070 $\chi^2/\text{NDF}: 1345.0/16$

Left Out: -0.918 ± 0.126 $\chi^2/\text{NDF}: 336.9/3$

Right Out: 1.622 ± 0.066 $\chi^2/\text{NDF}: 1489.1/19$

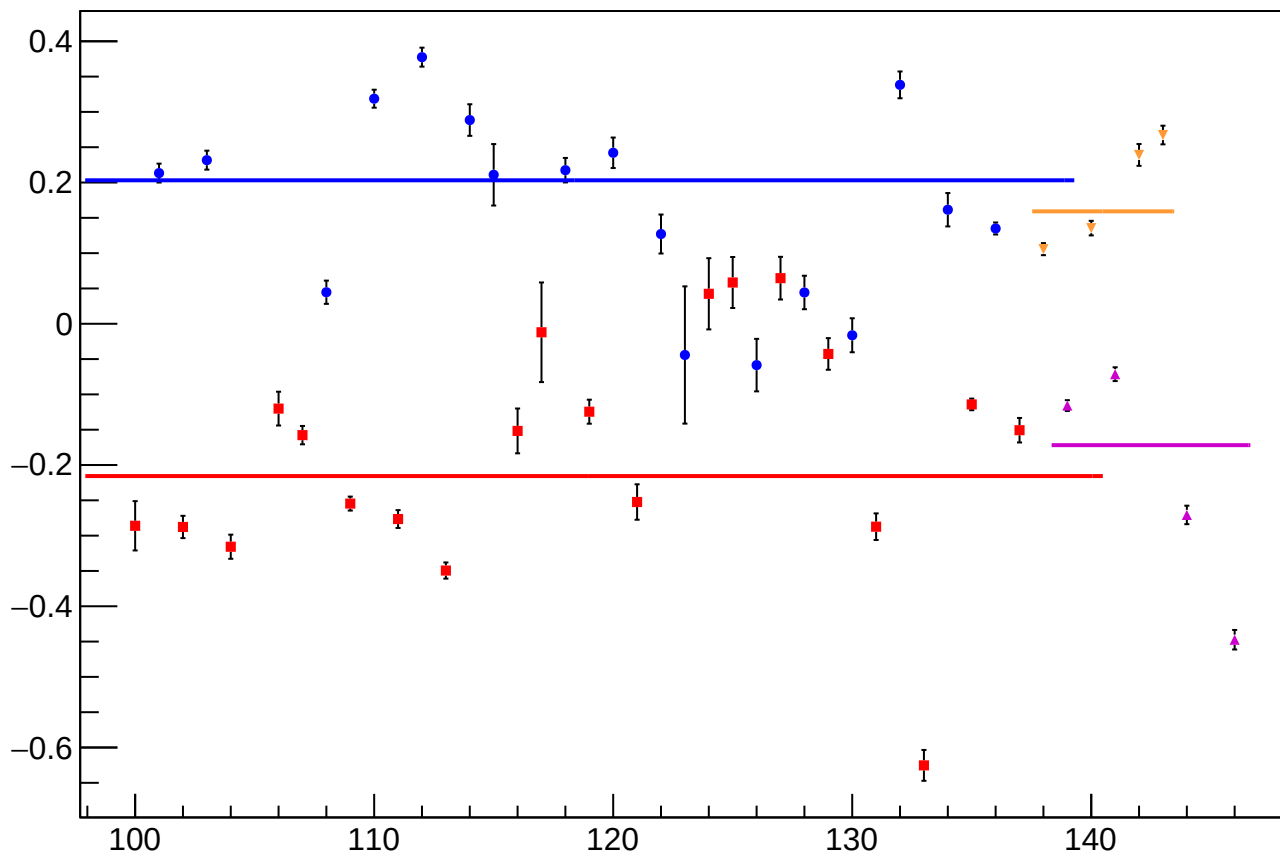
Left In: 1.695 ± 0.119 $\chi^2/\text{NDF}: 676.6/3$

-1.555 ± 0.061 $\chi^2/\text{NDF}: 1715.5/20$

0.146 ± 0.042 $\chi^2/\text{NDF}: 5323.0/44$

1.639 ± 0.058 $\chi^2/\text{NDF}: 2166.0/23$

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: 0.159 $\pm$ 0.006 χ^2 /NDF: 138.3/3

Right Out: -0.216 $\pm$ 0.004 χ^2 /NDF: 1075.7/19

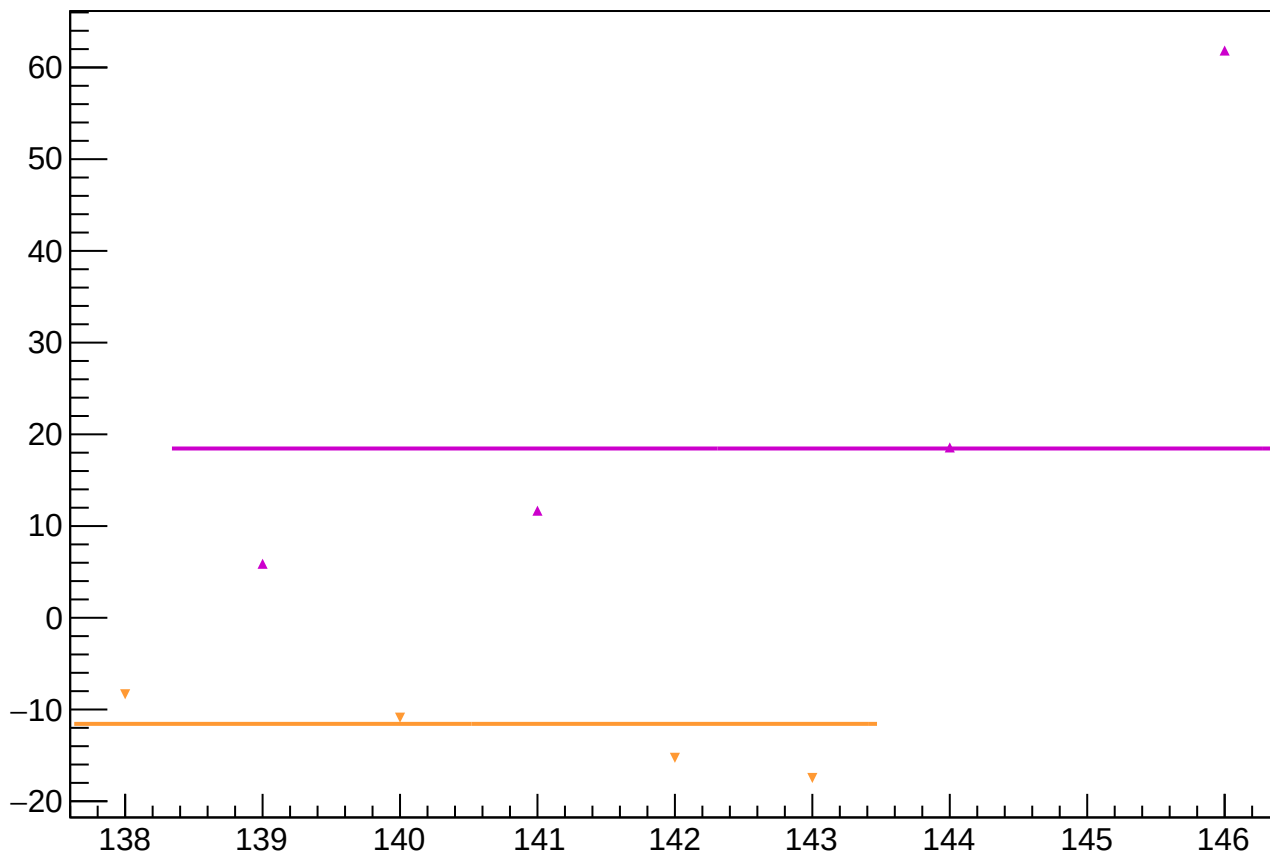
Left In: -0.172 $\pm$ 0.005 χ^2 /NDF: 613.7/3

0.187 $\pm$ 0.003 χ^2 /NDF: 856.2/20

-0.026 $\pm$ 0.002 χ^2 /NDF: 10179.6/44

-0.201 $\pm$ 0.003 χ^2 /NDF: 1738.0/23

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -11.566+/-0.127 χ^2/NDF : 732.8/3

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

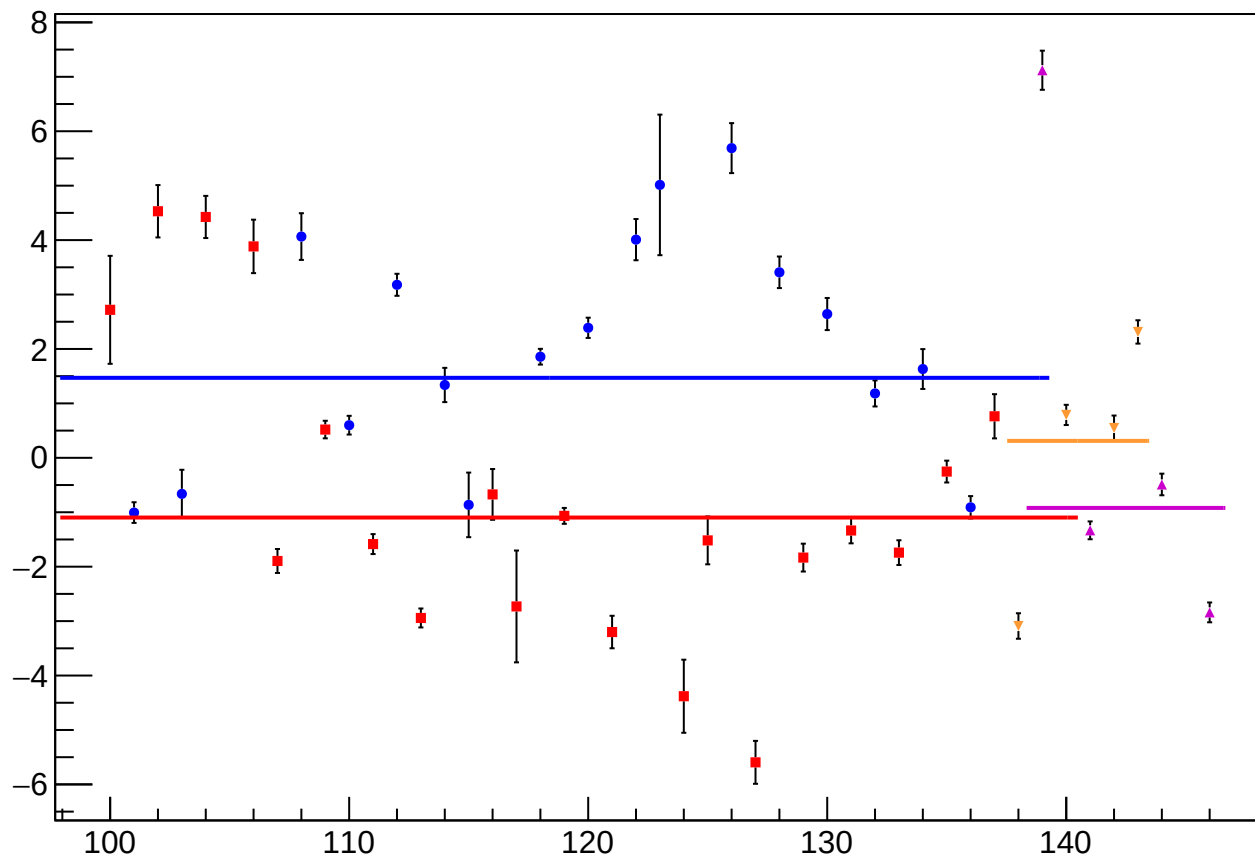
Left In: 18.456+/-0.121 χ^2/NDF : 24293.2/3

-11.566+/-0.127 χ^2/NDF : 732.8/3

4.076+/-0.088 χ^2/NDF : 54289.4/7

18.456+/-0.121 χ^2/NDF : 24293.2/3

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 ± 0.061 $\chi^2/\text{NDF}: 707.9/16$

Left Out: 0.311 ± 0.107 $\chi^2/\text{NDF}: 305.3/3$

Right Out: -1.097 ± 0.058 $\chi^2/\text{NDF}: 954.6/19$

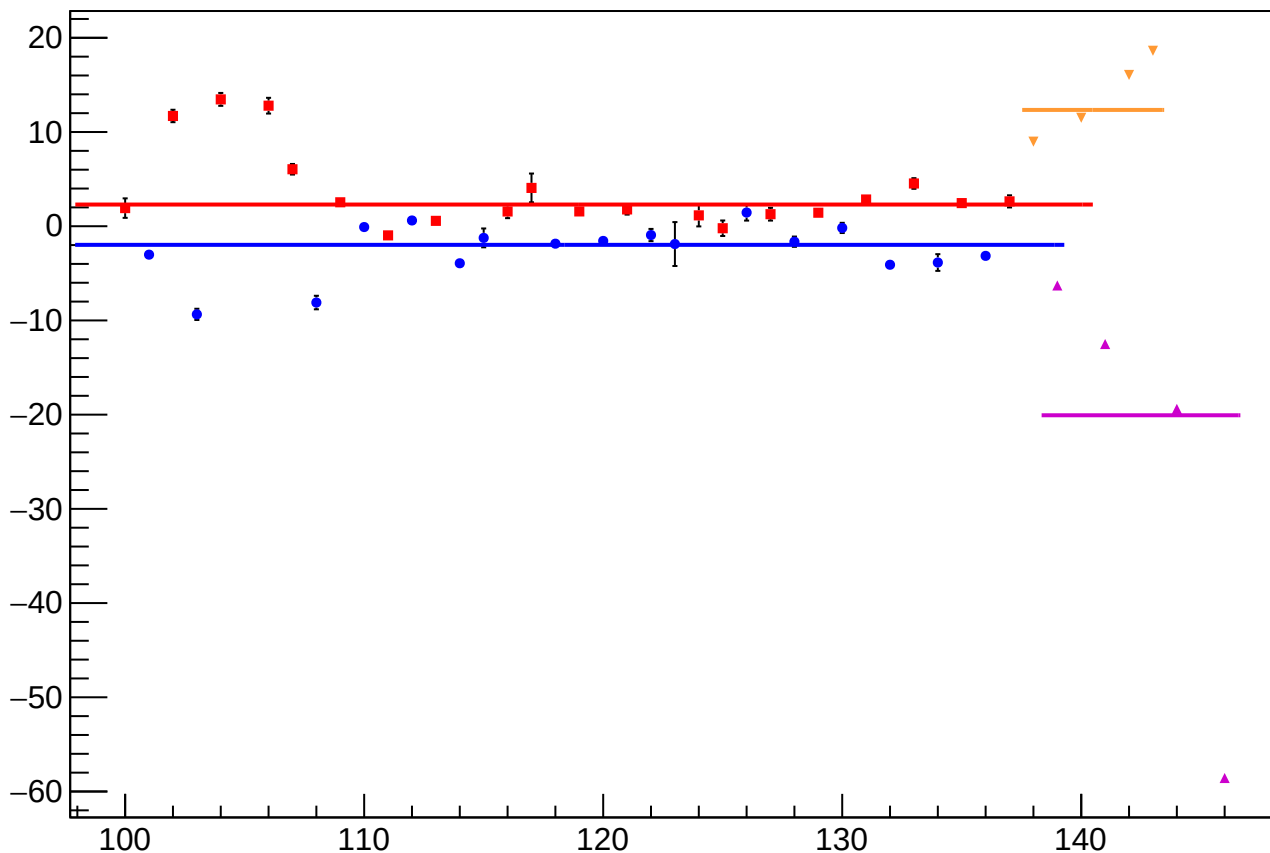
Left In: -0.920 ± 0.100 $\chi^2/\text{NDF}: 622.3/3$

1.185 ± 0.053 $\chi^2/\text{NDF}: 1102.4/20$

0.006 ± 0.036 $\chi^2/\text{NDF}: 3627.8/44$

-1.053 ± 0.050 $\chi^2/\text{NDF}: 1579.2/23$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.977 ± 0.110 $\chi^2/\text{NDF}: 463.8/16$

Left Out: 12.345 ± 0.136 $\chi^2/\text{NDF}: 701.9/3$

Right Out: 2.302 ± 0.098 $\chi^2/\text{NDF}: 907.9/19$

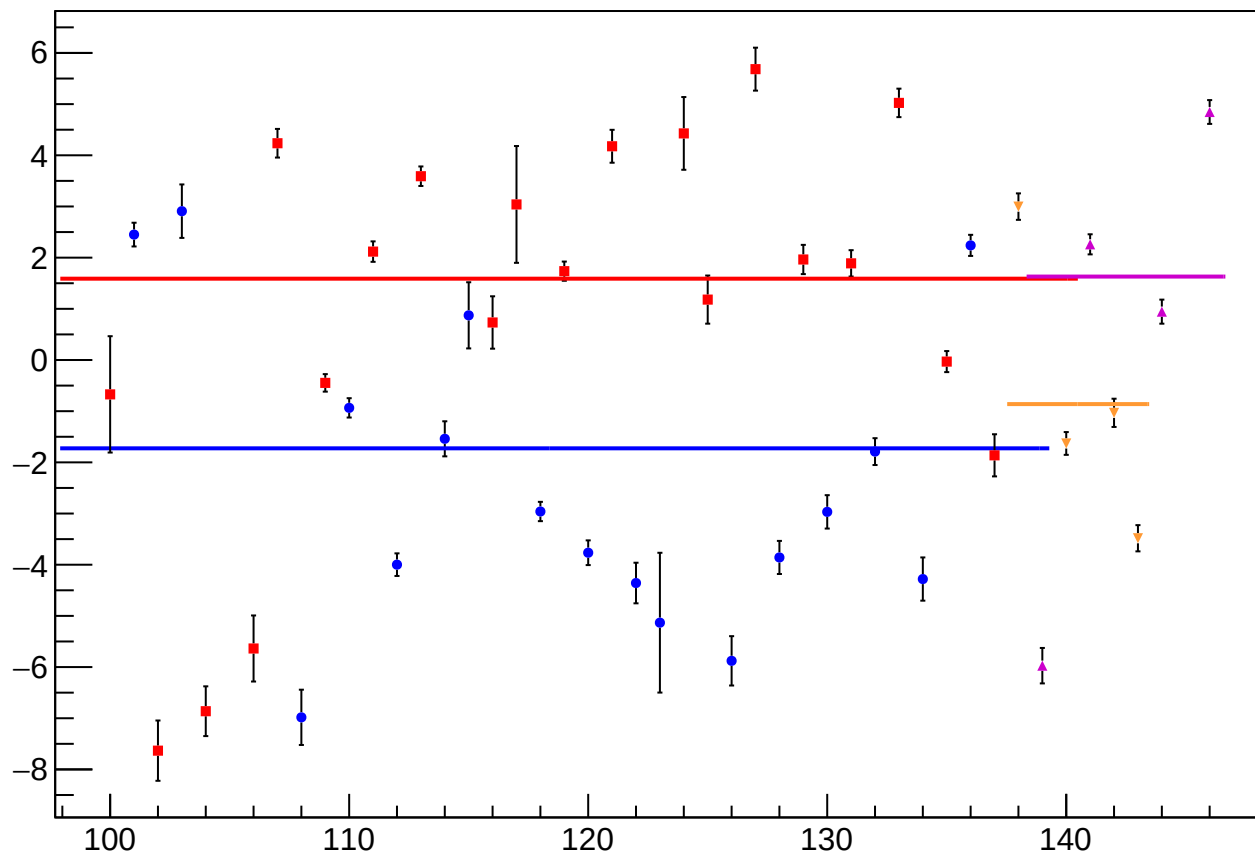
Left In: -20.066 ± 0.128 $\chi^2/\text{NDF}: 21821.5/3$

3.686 ± 0.086 $\chi^2/\text{NDF}: 7863.2/20$

-1.615 ± 0.058 $\chi^2/\text{NDF}: 56871.0/44$

-6.006 ± 0.078 $\chi^2/\text{NDF}: 41990.0/23$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.726 ± 0.070 $\chi^2/\text{NDF}: 1341.5/16$

Left Out: -0.862 ± 0.125 $\chi^2/\text{NDF}: 339.6/3$

Right Out: 1.589 ± 0.065 $\chi^2/\text{NDF}: 1494.5/19$

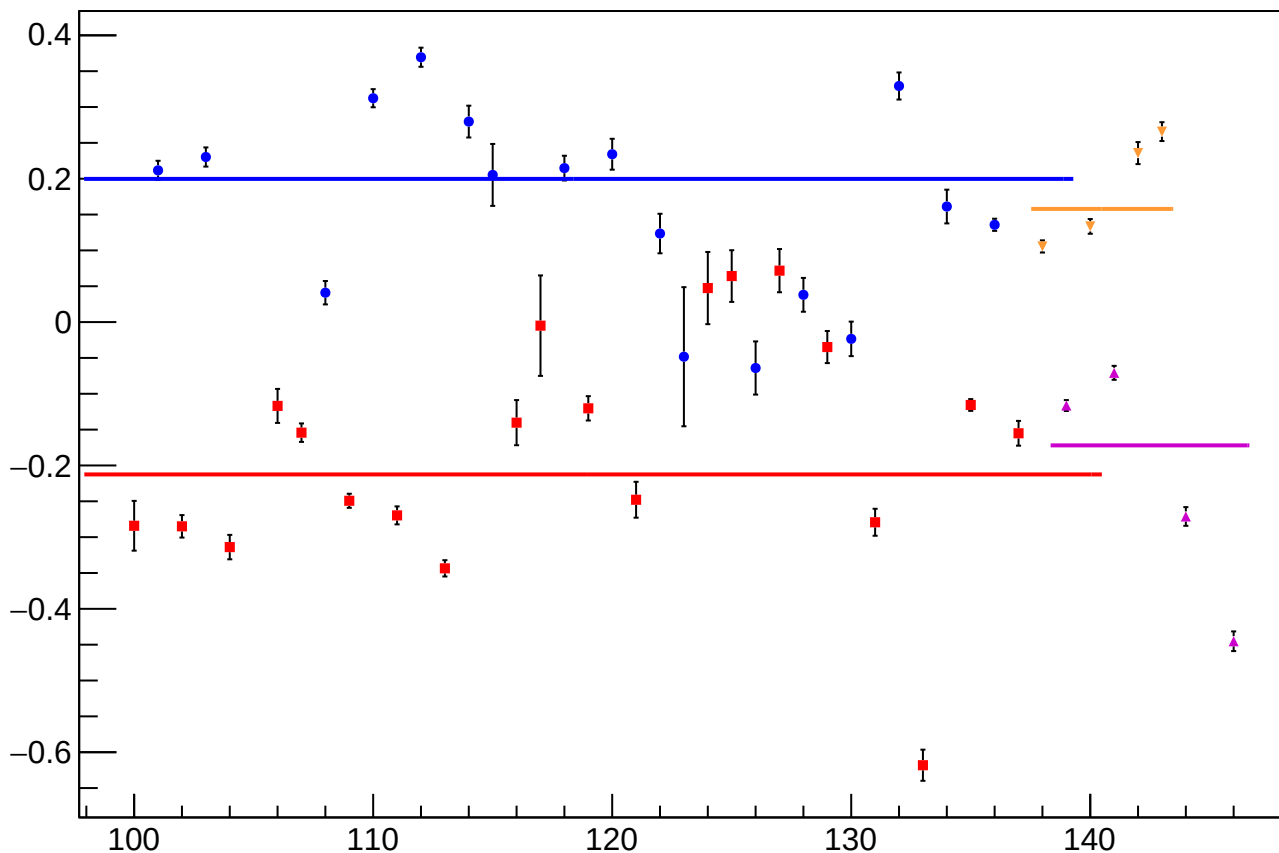
Left In: 1.630 ± 0.119 $\chi^2/\text{NDF}: 691.8/3$

-1.521 ± 0.061 $\chi^2/\text{NDF}: 1717.2/20$

0.141 ± 0.042 $\chi^2/\text{NDF}: 5291.7/44$

1.599 ± 0.057 $\chi^2/\text{NDF}: 2186.3/23$

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: 0.158 ± 0.005 χ^2/NDF : 136.5/3

Right Out: -0.213 ± 0.004 χ^2/NDF : 1059.7/19

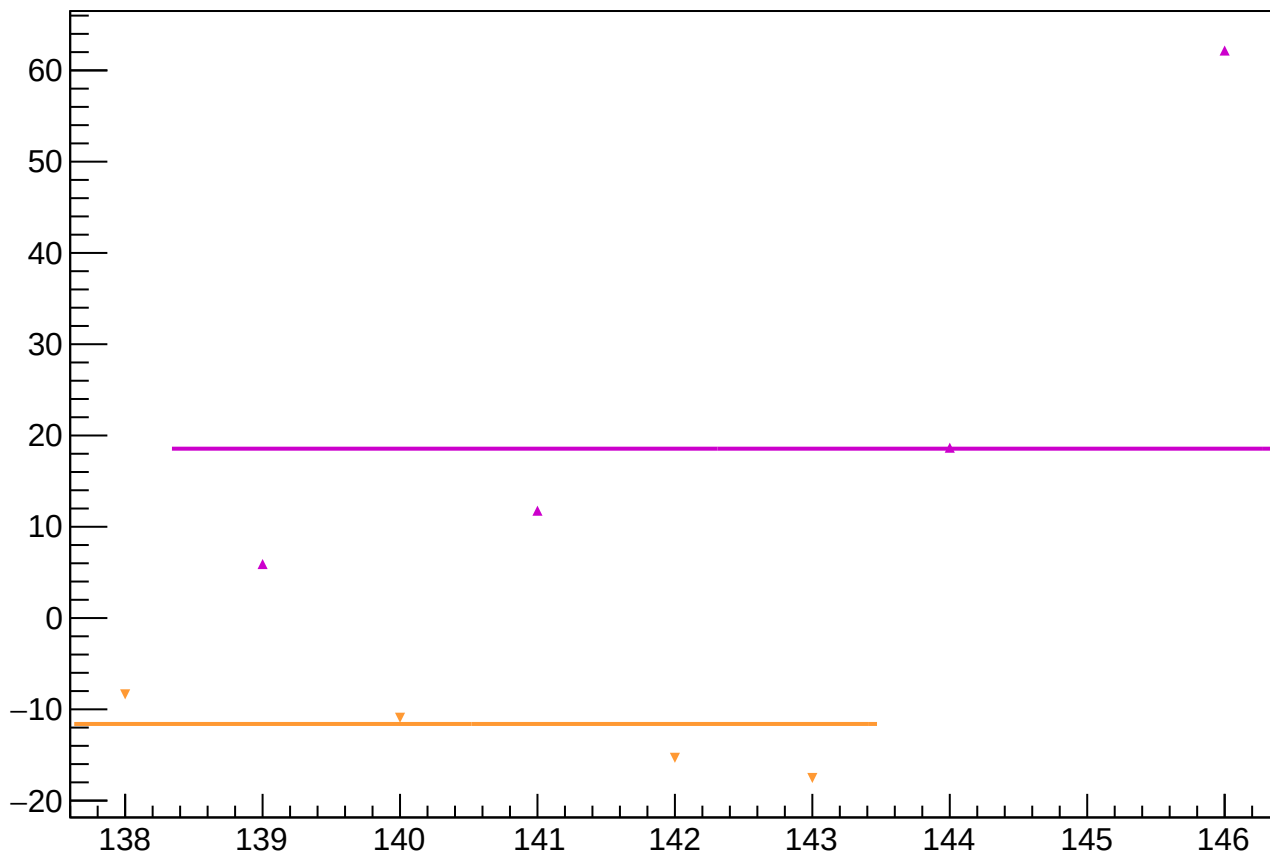
Left In: -0.172 ± 0.005 χ^2/NDF : 615.8/3

0.185 ± 0.003 χ^2/NDF : 836.3/20

-0.026 ± 0.002 χ^2/NDF : 10029.6/44

-0.199 ± 0.003 χ^2/NDF : 1717.5/23

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -11.603+/-0.127 χ^2/NDF : 732.5/3

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

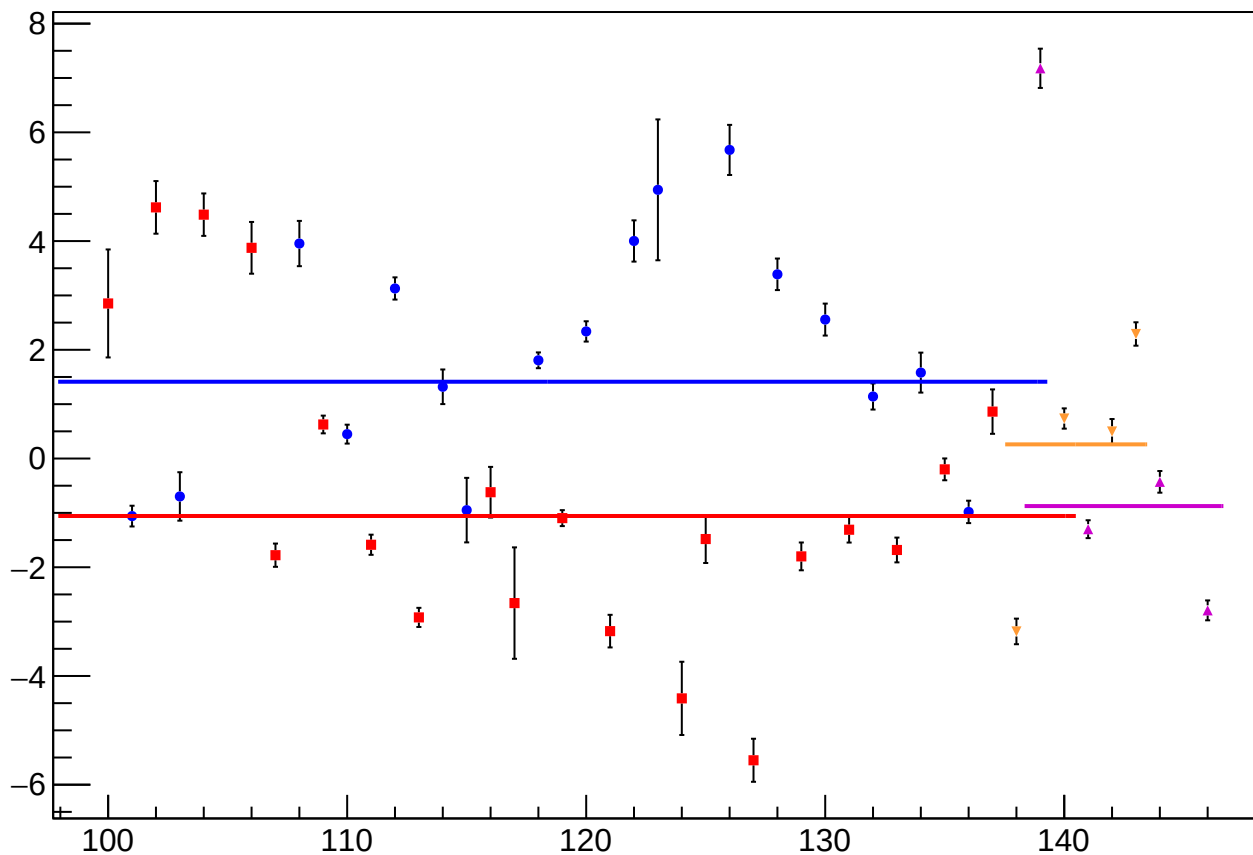
Left In: 18.556+/-0.122 χ^2/NDF : 24326.5/3

-11.603+/-0.127 χ^2/NDF : 732.5/3

4.112+/-0.088 χ^2/NDF : 54328.4/7

18.556+/-0.122 χ^2/NDF : 24326.5/3

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.413 $\pm$ 0.061 χ^2/NDF : 713.9/16

Left Out: 0.260 $\pm$ 0.107 χ^2/NDF : 310.0/3

Right Out: -1.057 $\pm$ 0.058 χ^2/NDF : 965.8/19

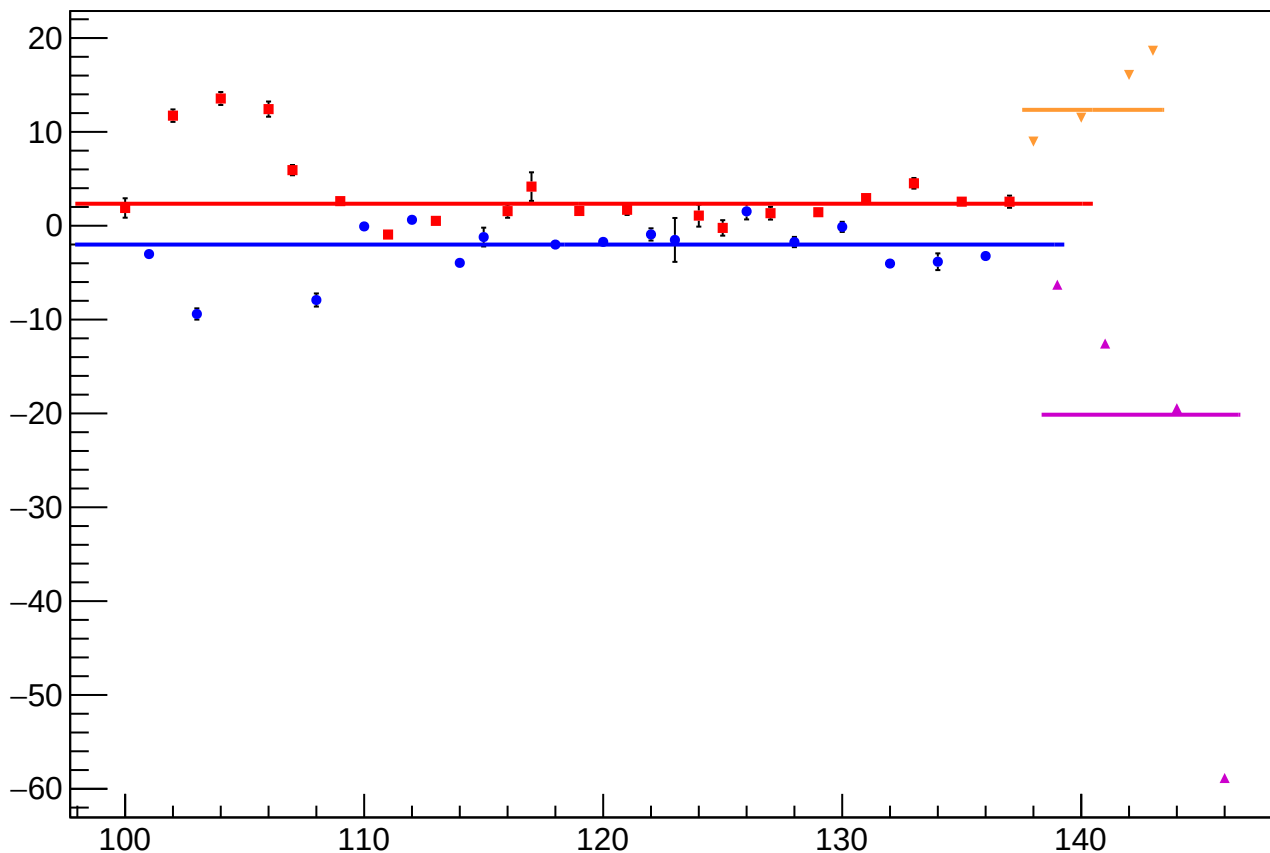
Left In: -0.875 $\pm$ 0.100 χ^2/NDF : 618.8/3

1.129 $\pm$ 0.053 χ^2/NDF : 1111.3/20

0.000 $\pm$ 0.036 χ^2/NDF : 3557.9/44

-1.011 $\pm$ 0.050 χ^2/NDF : 1587.0/23

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: 12.349 ± 0.137 χ^2/NDF : 700.7/3

Right Out: 2.344 ± 0.099 χ^2/NDF : 902.6/19

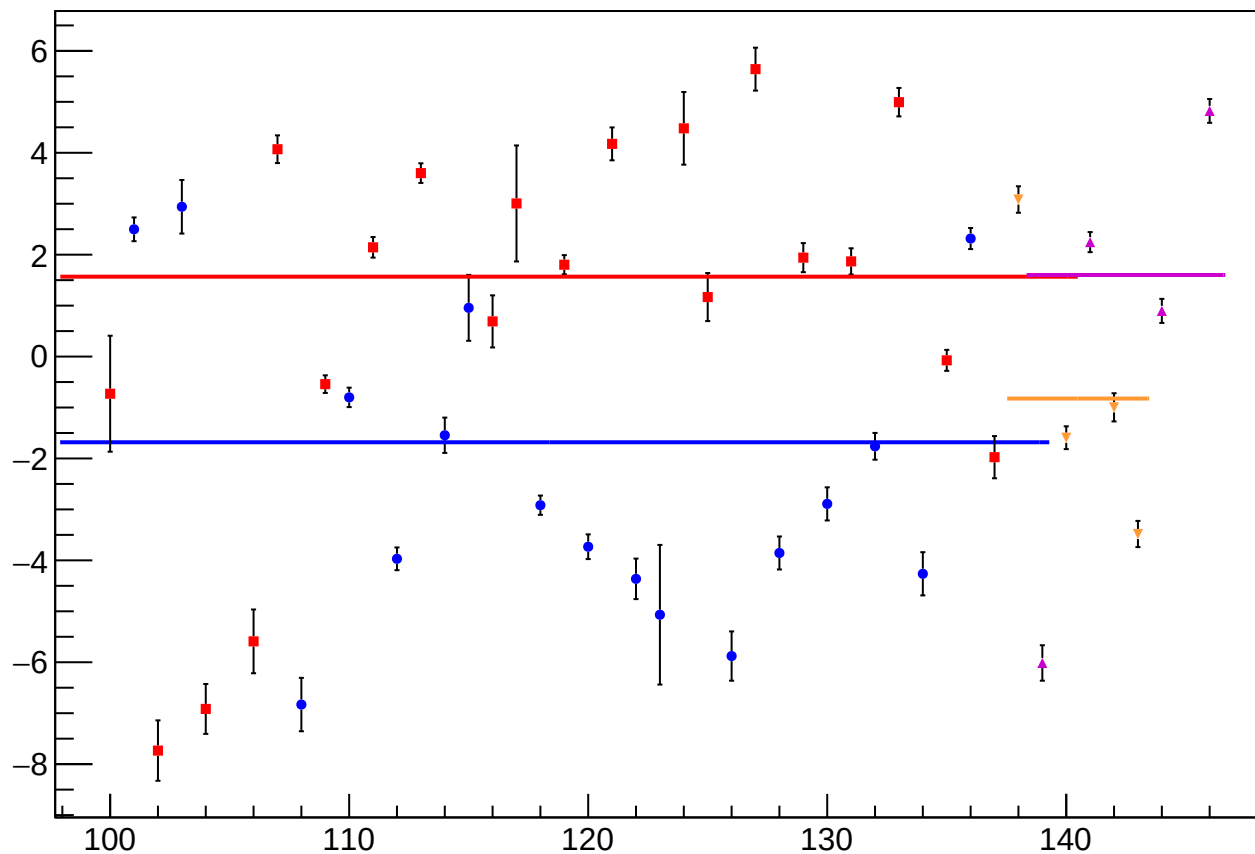
Left In: -20.137 ± 0.128 χ^2/NDF : 21854.9/3

3.675 ± 0.086 χ^2/NDF : 7828.9/20

-1.624 ± 0.058 χ^2/NDF : 56806.5/44

-6.011 ± 0.078 χ^2/NDF : 42036.3/23

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -0.824 ± 0.126 χ^2/NDF : 345.0/3

Right Out: 1.568 ± 0.066 χ^2/NDF : 1506.3/19

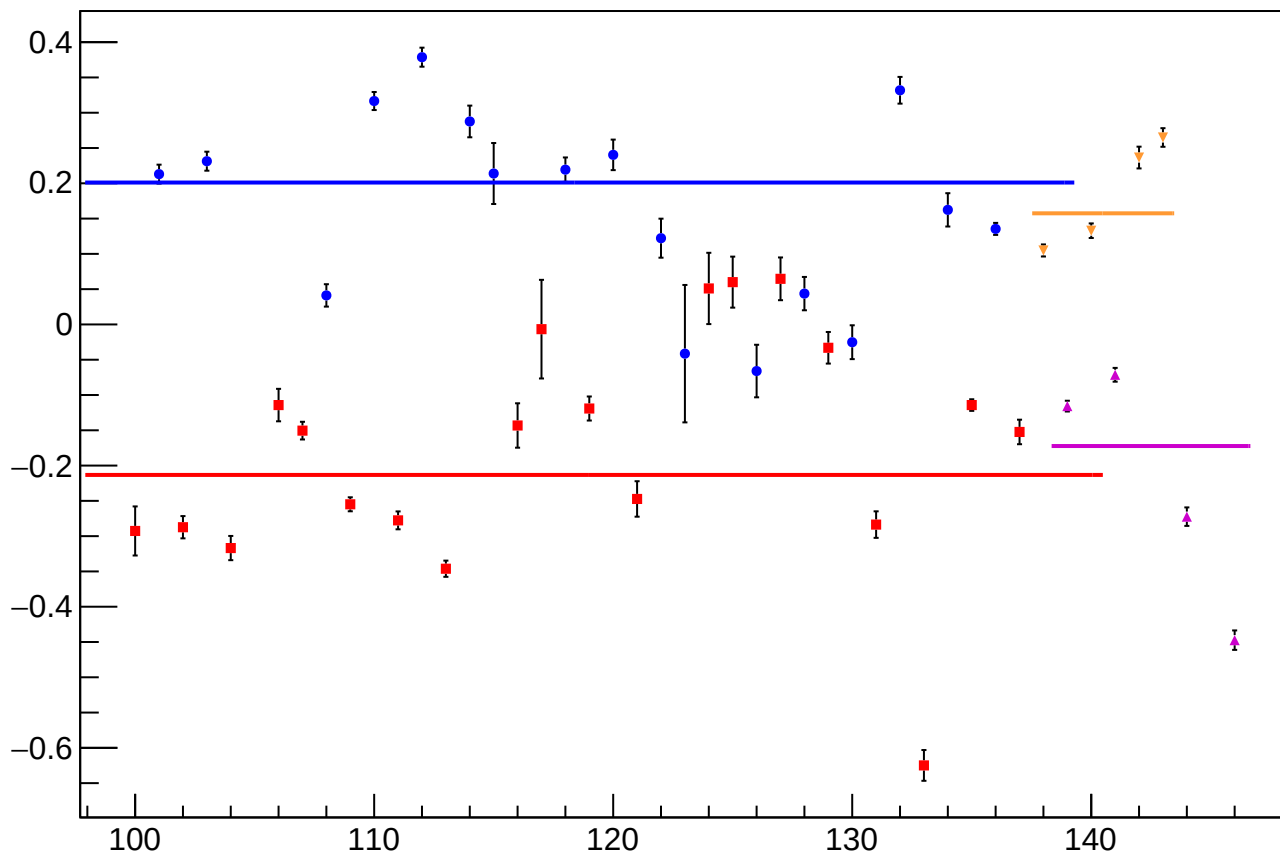
Left In: 1.602 ± 0.119 χ^2/NDF : 688.6/3

-1.478 ± 0.061 χ^2/NDF : 1728.2/20

0.151 ± 0.042 χ^2/NDF : 5243.1/44

1.576 ± 0.057 χ^2/NDF : 2195.0/23

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: 0.157 ± 0.006 χ^2/NDF : 136.2/3

Right Out: -0.213 ± 0.004 χ^2/NDF : 1091.9/19

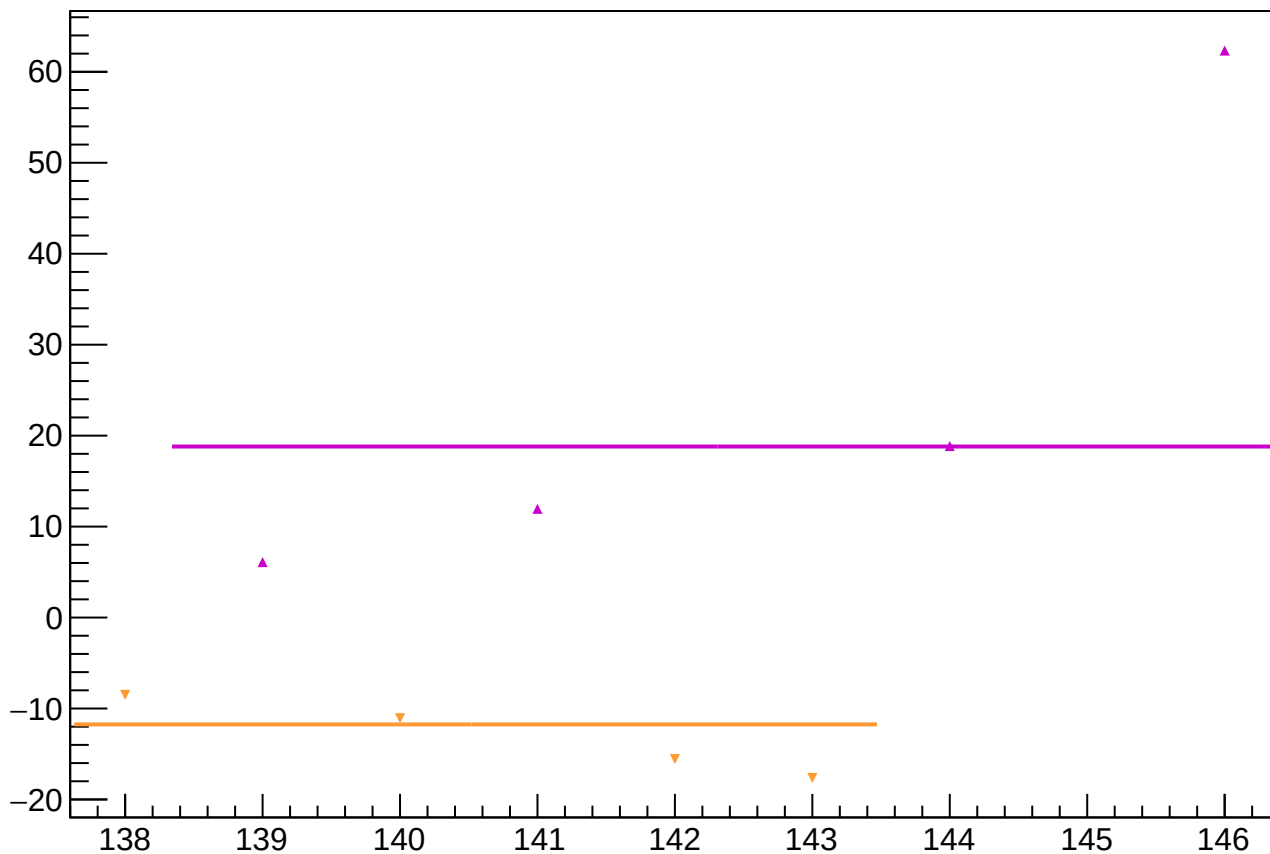
Left In: -0.172 ± 0.005 χ^2/NDF : 618.1/3

0.185 ± 0.003 χ^2/NDF : 867.7/20

-0.027 ± 0.002 χ^2/NDF : 10099.4/44

-0.199 ± 0.003 χ^2/NDF : 1752.7/23

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -11.749+/-0.128 χ^2/NDF : 720.7/3

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

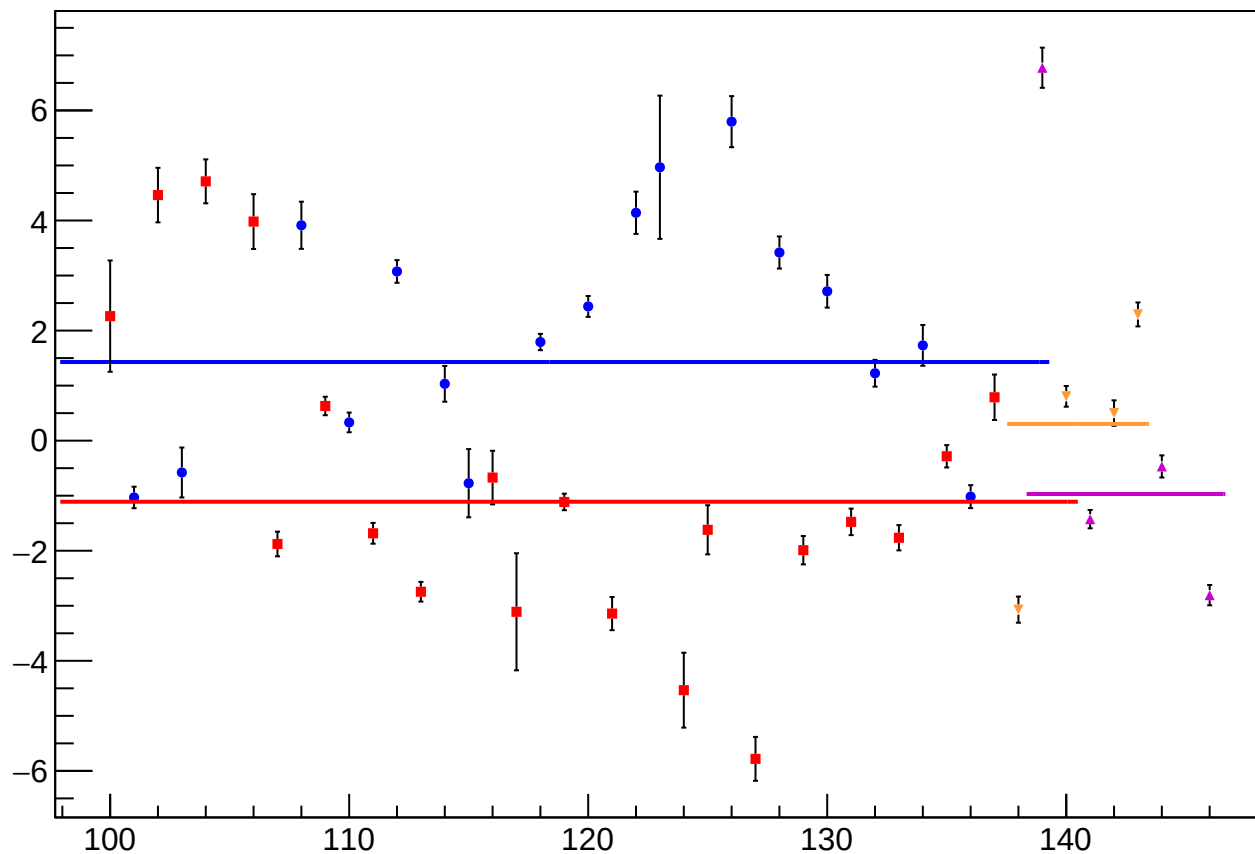
Left In: 18.804+/-0.123 χ^2/NDF : 23972.1/3

-11.749+/-0.128 χ^2/NDF : 720.7/3

4.165+/-0.089 χ^2/NDF : 54157.2/7

18.804+/-0.123 χ^2/NDF : 23972.1/3

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: 0.304 ± 0.108 χ^2/NDF : 293.3/3

Right Out: -1.110 ± 0.059 χ^2/NDF : 940.1/19

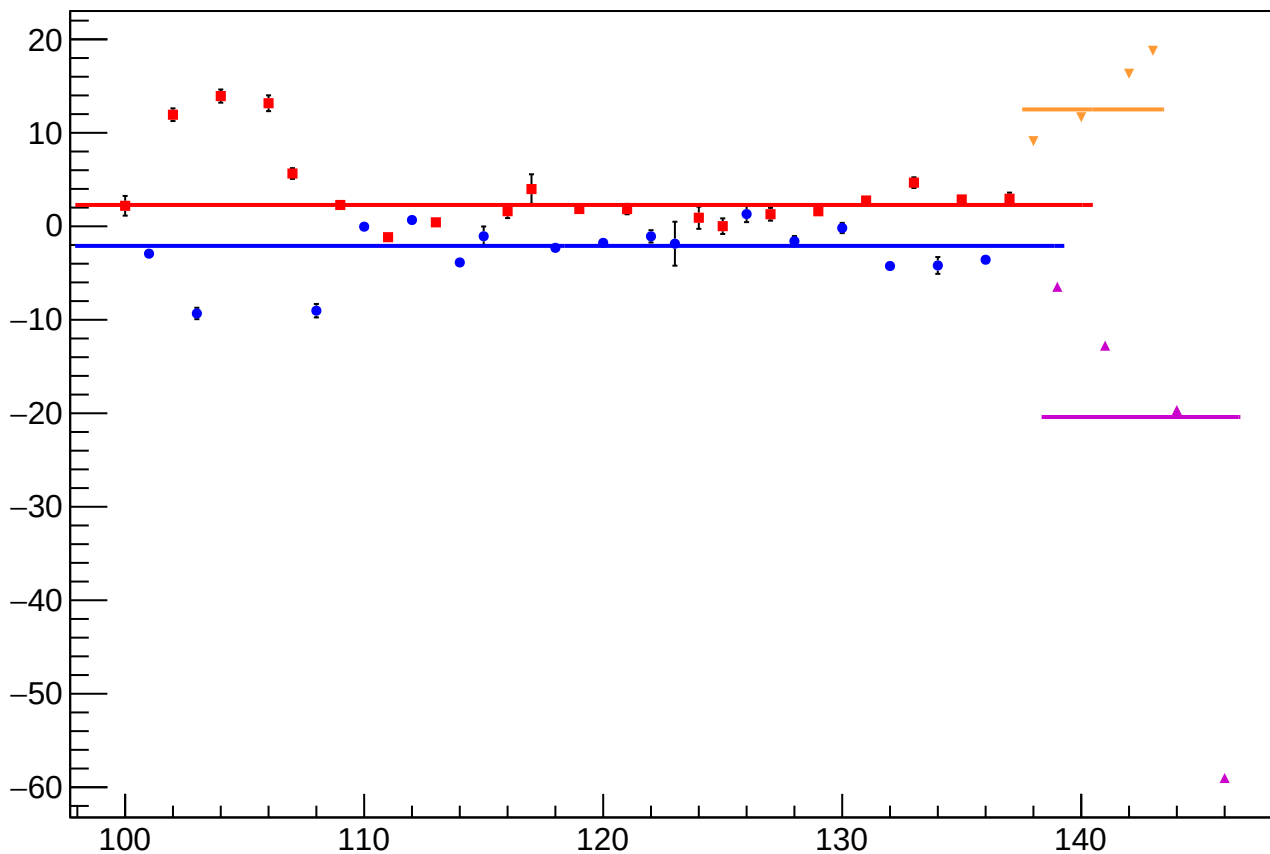
Left In: -0.969 ± 0.101 χ^2/NDF : 563.7/3

1.149 ± 0.054 χ^2/NDF : 1086.2/20

-0.021 ± 0.037 χ^2/NDF : 3487.5/44

-1.074 ± 0.051 χ^2/NDF : 1505.2/23

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: 12.501 ± 0.138 χ^2/NDF : 690.7/3

Right Out: 2.285 ± 0.101 χ^2/NDF : 919.7/19

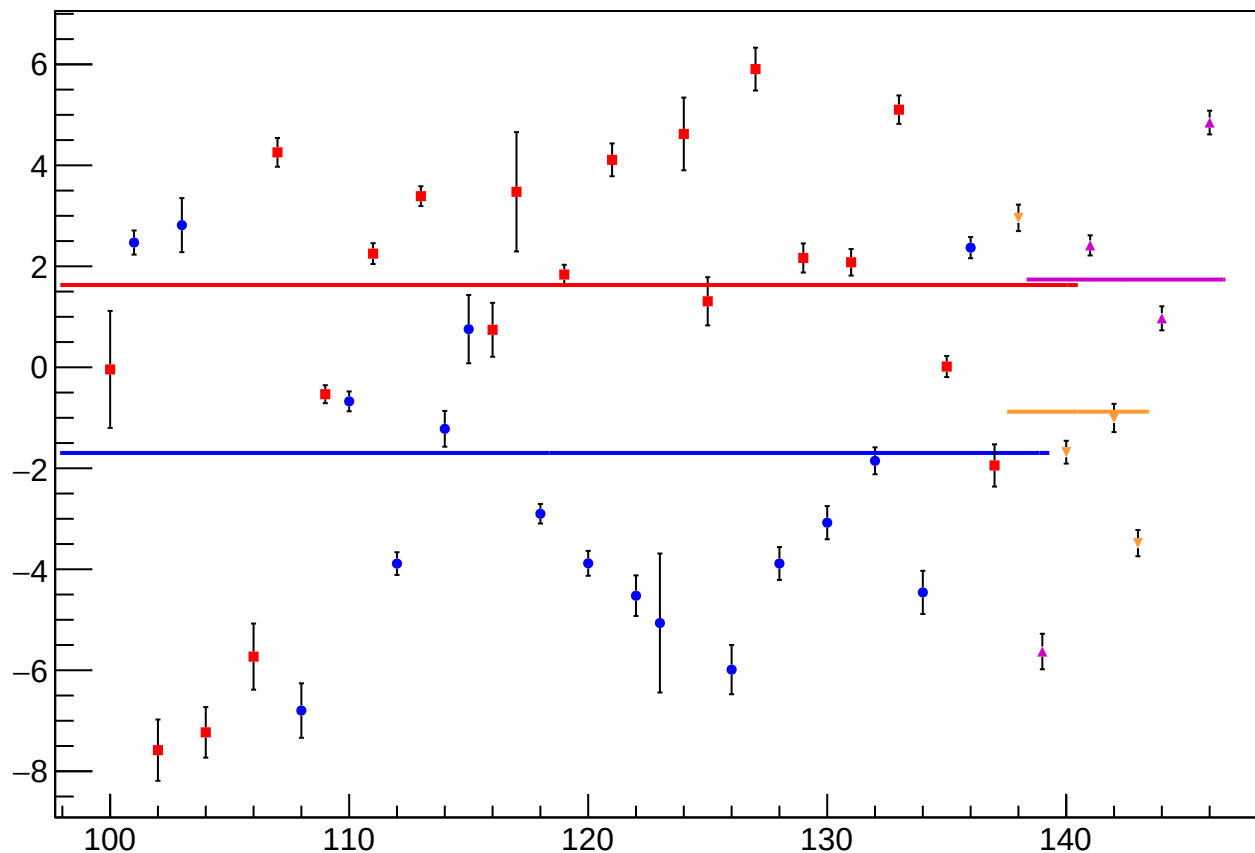
Left In: -20.398 ± 0.130 χ^2/NDF : 21517.1/3

3.739 ± 0.087 χ^2/NDF : 7893.1/20

-1.722 ± 0.059 χ^2/NDF : 56593.5/44

-6.265 ± 0.080 χ^2/NDF : 41521.9/23

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: -0.878+/-0.127 χ^2/NDF : 327.7/3

Right Out: 1.630+/-0.067 χ^2/NDF : 1469.8/19

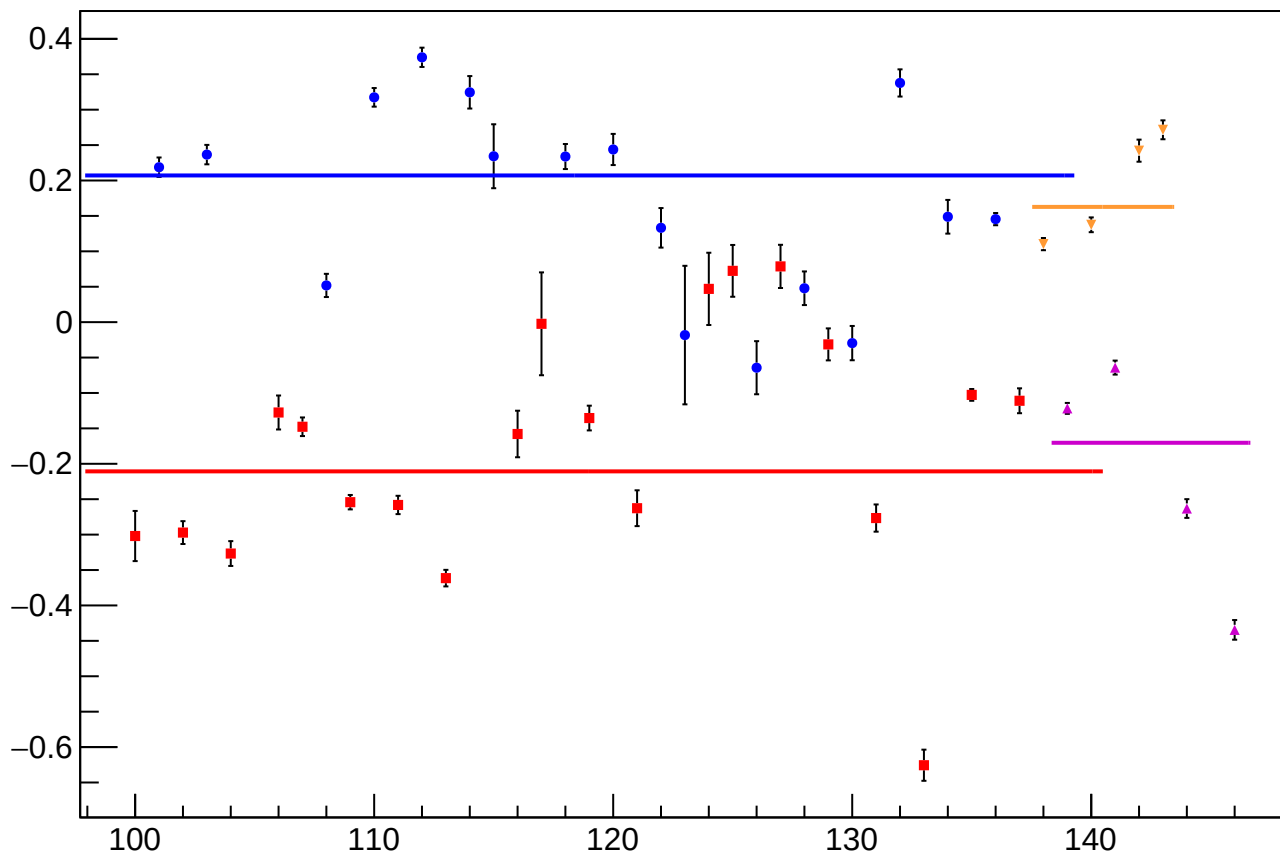
Left In: 1.738+/-0.120 χ^2/NDF : 635.8/3

-1.500+/-0.062 χ^2/NDF : 1692.4/20

0.180+/-0.043 χ^2/NDF : 5161.2/44

1.656+/-0.058 χ^2/NDF : 2106.2/23

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: 0.163 $\pm$ 0.006 χ^2/NDF :135.5/3

Right Out: -0.211 $\pm$ 0.004 χ^2/NDF : 1153.9/19

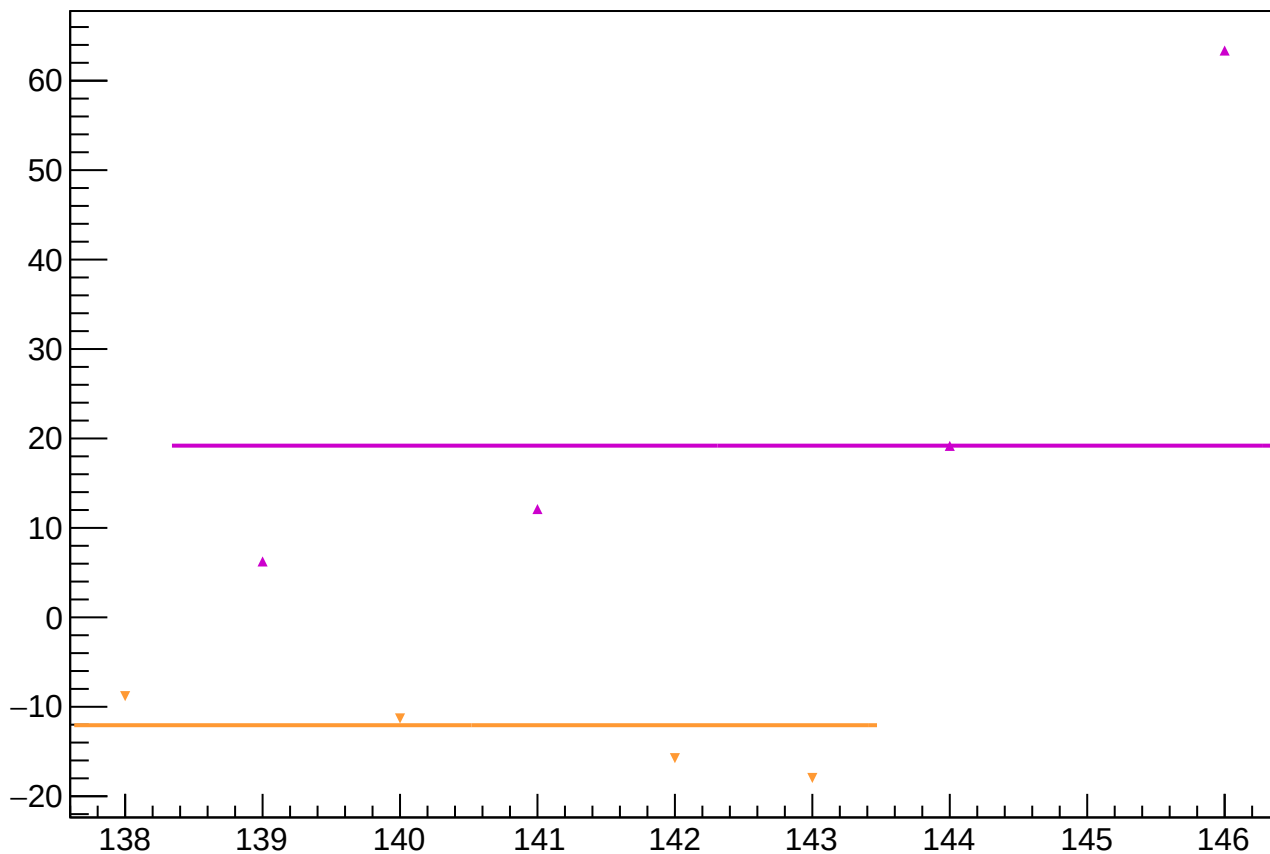
Left In: -0.170 $\pm$ 0.005 χ^2/NDF :566.7/3

0.191 $\pm$ 0.003 χ^2/NDF : 832.4/20

-0.022 $\pm$ 0.002 χ^2/NDF : 9959.1/44

-0.197 $\pm$ 0.003 χ^2/NDF : 1760.9/23

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.059+/-0.131 χ^2/NDF : 691.2/3

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

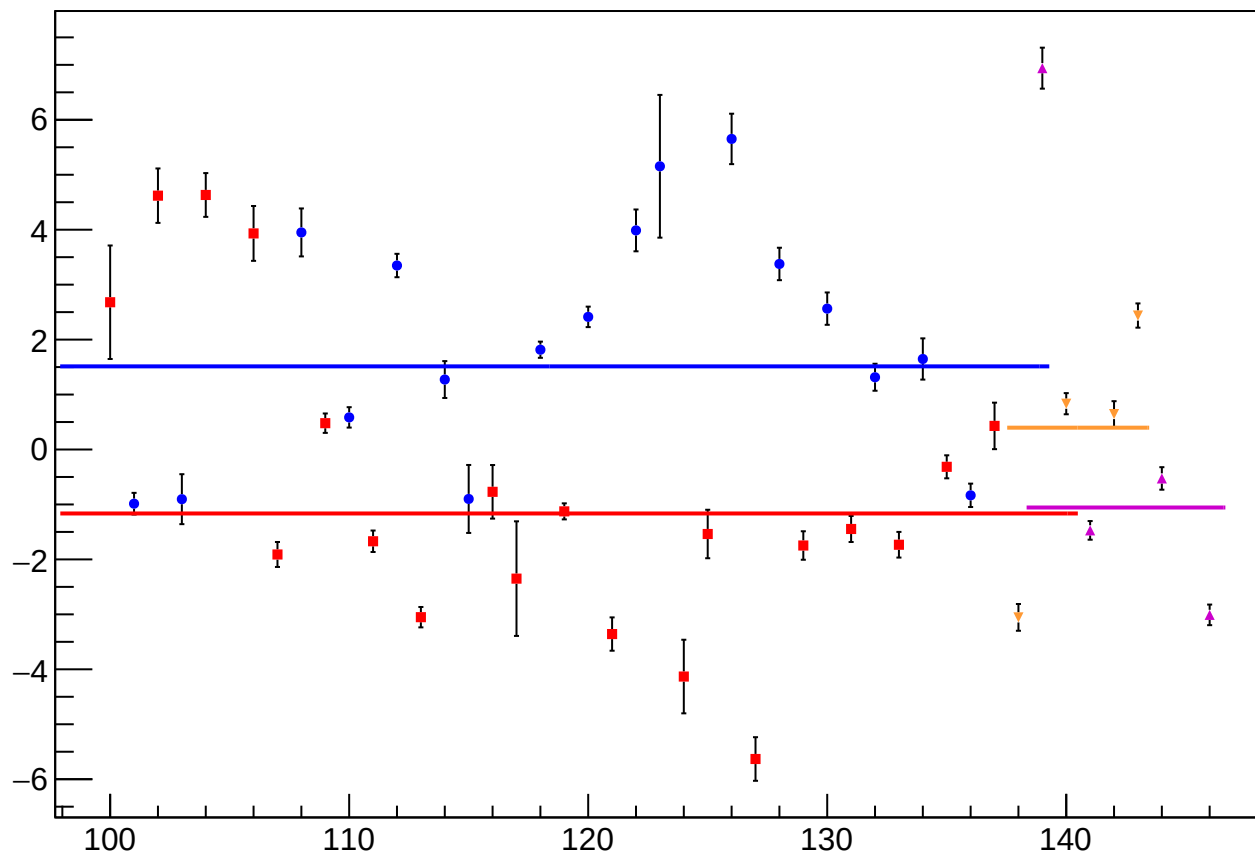
Left In: 19.197+/-0.126 χ^2/NDF : 23921.8/3

-12.059+/-0.131 χ^2/NDF : 691.2/3

4.257+/-0.091 χ^2/NDF : 54190.4/7

19.197+/-0.126 χ^2/NDF : 23921.8/3

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: 0.397 $\pm$ 0.110 χ^2/NDF : 292.8/3

Right Out: -1.164 $\pm$ 0.060 χ^2/NDF : 918.3/19

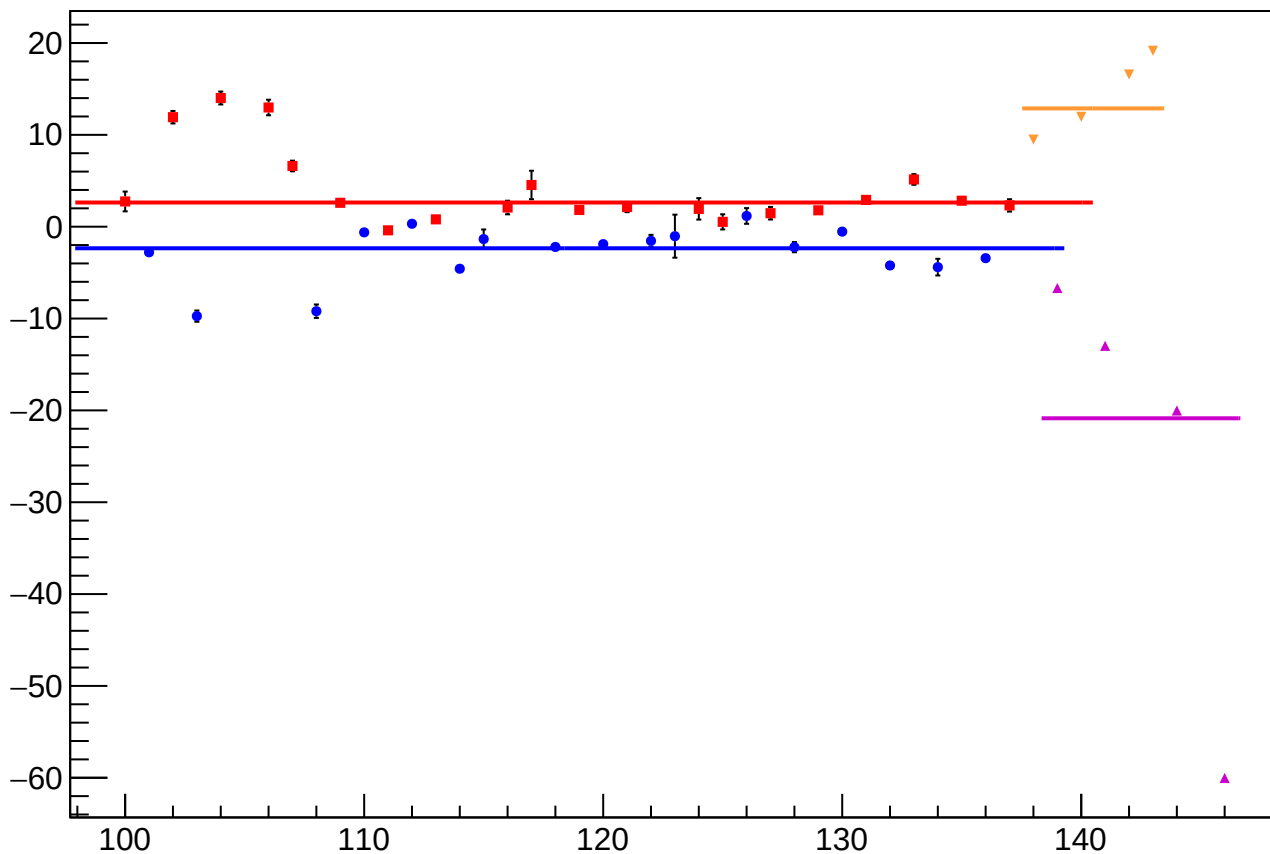
Left In: -1.056 $\pm$ 0.103 χ^2/NDF : 581.0/3

1.240 $\pm$ 0.054 χ^2/NDF : 1040.1/20

-0.008 $\pm$ 0.038 χ^2/NDF : 3539.3/44

-1.137 $\pm$ 0.052 χ^2/NDF : 1500.2/23

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 12.878 ± 0.141 χ^2/NDF : 662.3/3

Right Out: 2.633 ± 0.103 χ^2/NDF : 841.9/19

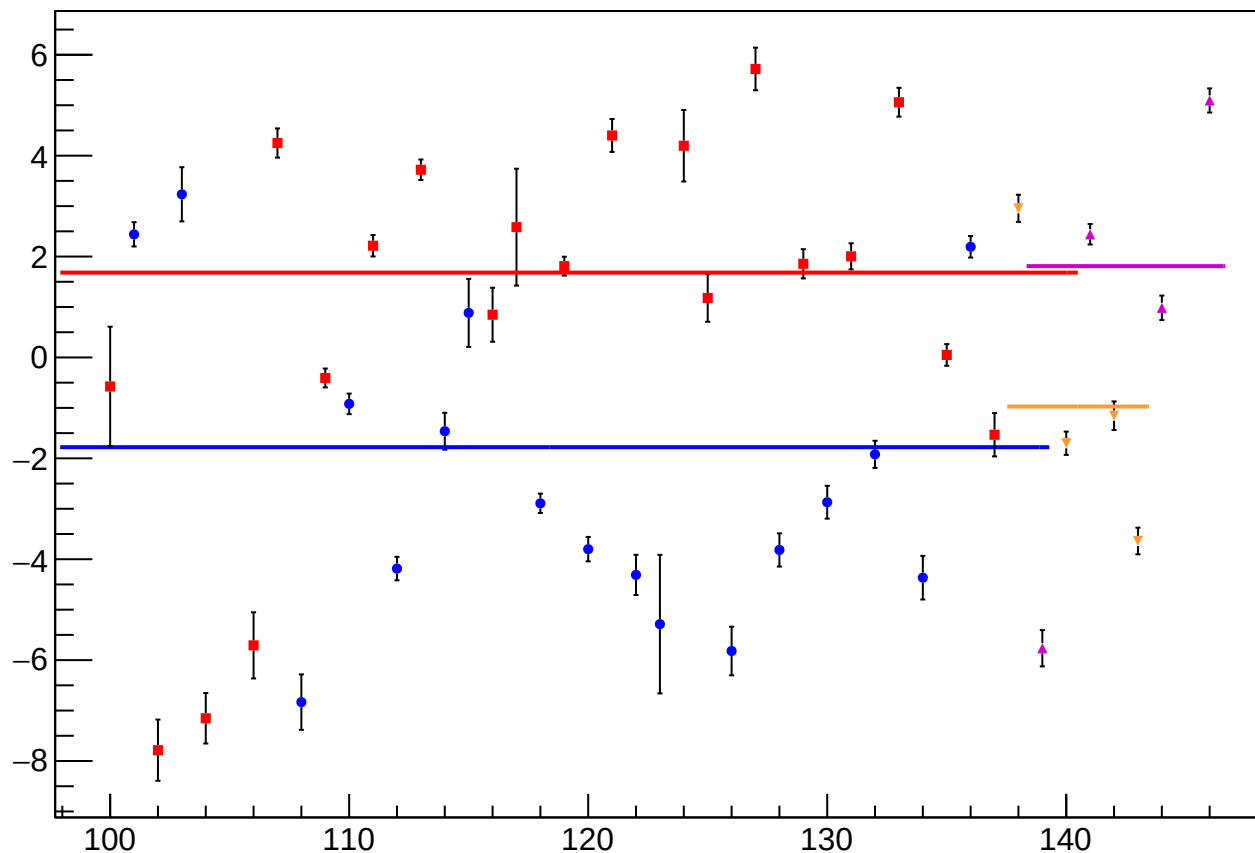
Left In: -20.862 ± 0.132 χ^2/NDF : 21455.7/3

3.686 ± 0.089 χ^2/NDF : 8137.9/20

-1.721 ± 0.060 χ^2/NDF : 56907.1/44

-6.246 ± 0.081 χ^2/NDF : 41958.5/23

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: -0.972 ± 0.130 $\chi^2/\text{NDF}: 326.0/3$

Right Out: 1.682 ± 0.068 $\chi^2/\text{NDF}: 1430.2/19$

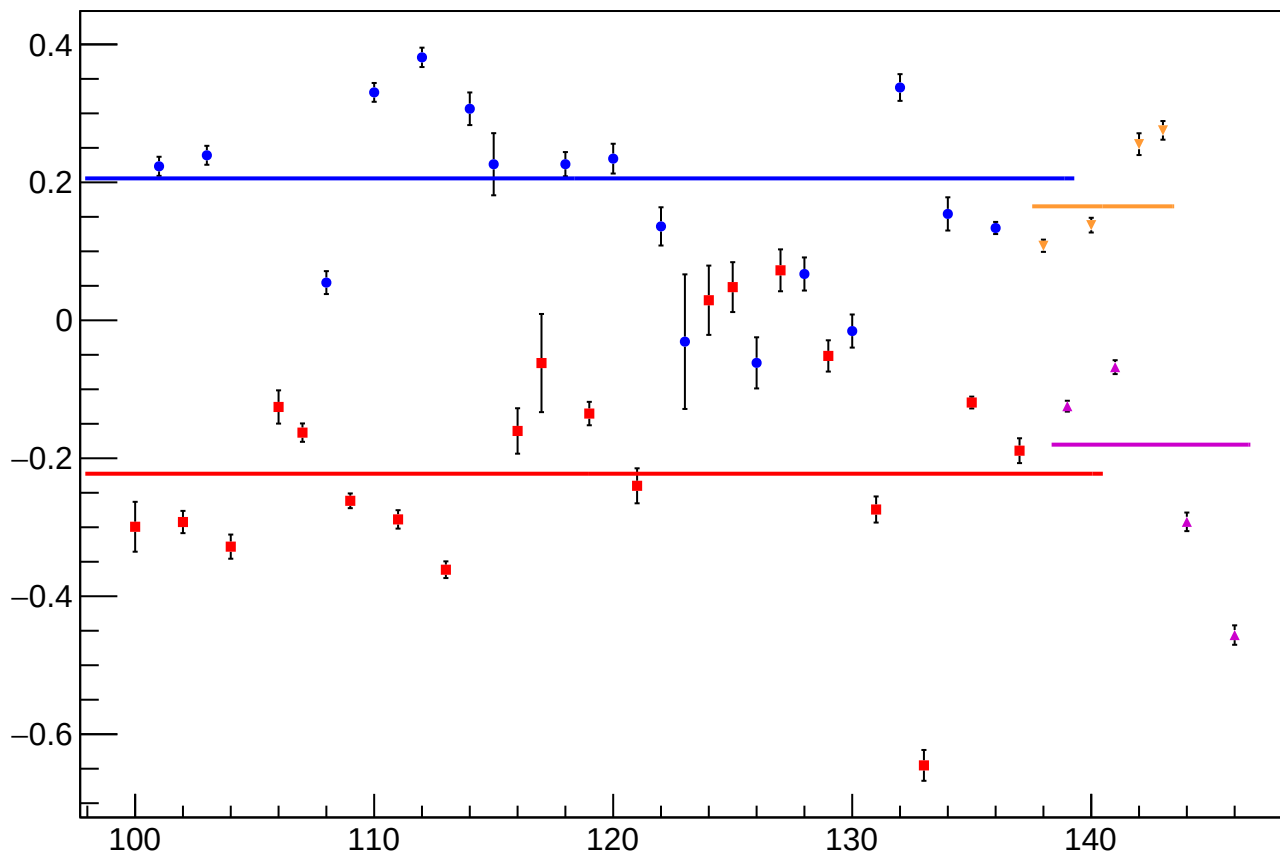
Left In: 1.810 ± 0.123 $\chi^2/\text{NDF}: 654.4/3$

-1.588 ± 0.063 $\chi^2/\text{NDF}: 1627.6/20$

0.163 ± 0.043 $\chi^2/\text{NDF}: 5162.4/44$

1.712 ± 0.059 $\chi^2/\text{NDF}: 2085.4/23$

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: 0.165 $\pm$ 0.006 χ^2 /NDF: 146.9/3

Right Out: -0.222 $\pm$ 0.004 χ^2 /NDF: 1047.2/19

Left In: -0.180 $\pm$ 0.005 χ^2 /NDF: 626.8/3

0.191 $\pm$ 0.003 χ^2 /NDF: 831.2/20

-0.028 $\pm$ 0.002 χ^2 /NDF: 10067.2/44

-0.208 $\pm$ 0.003 χ^2 /NDF: 1716.2/23