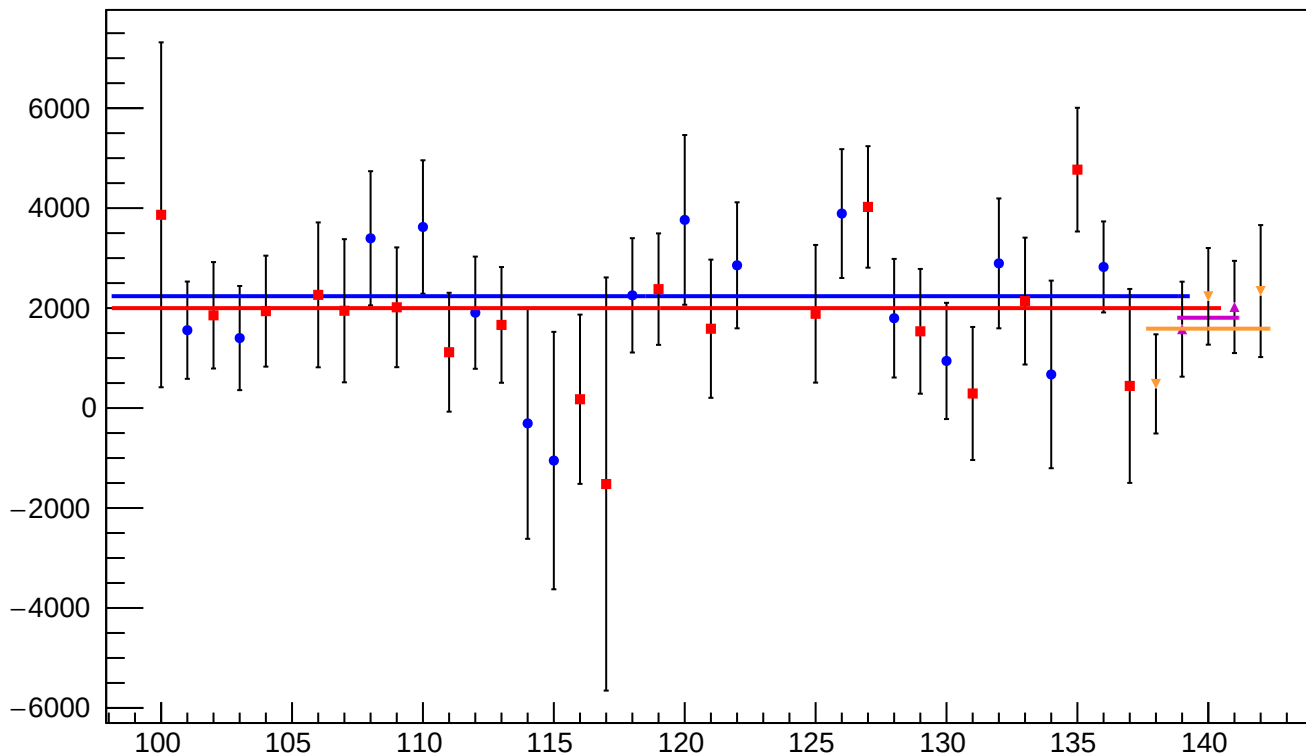


dit_asym_us_avg_mean vs Slug, Sign Corrected



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: 1806.728+/-661.940

χ^2/NDF : 0.1/1

2102.558+/-279.941

χ^2/NDF : 14.2/18

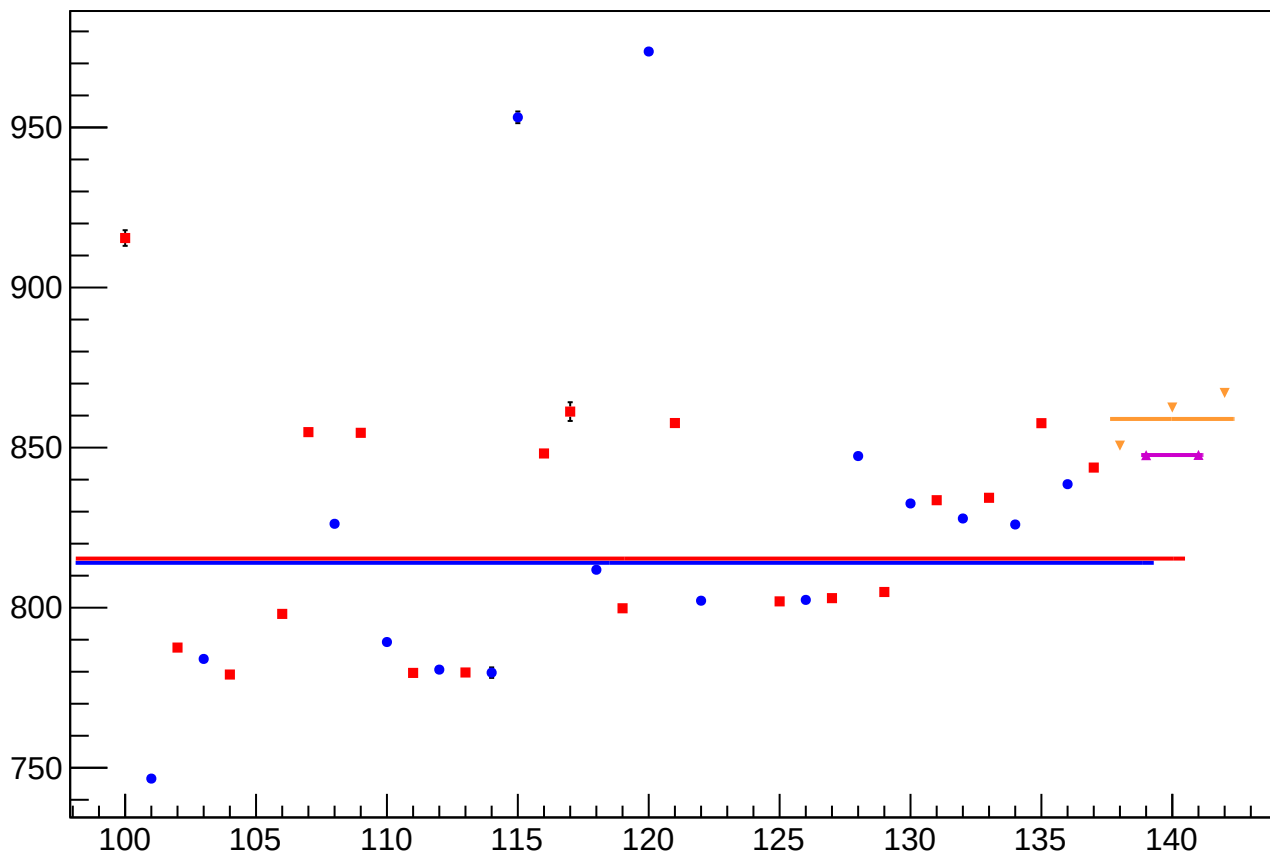
2033.469+/-197.573

χ^2/NDF : 27.8/39

1964.902+/-278.883

χ^2/NDF : 13.5/20

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

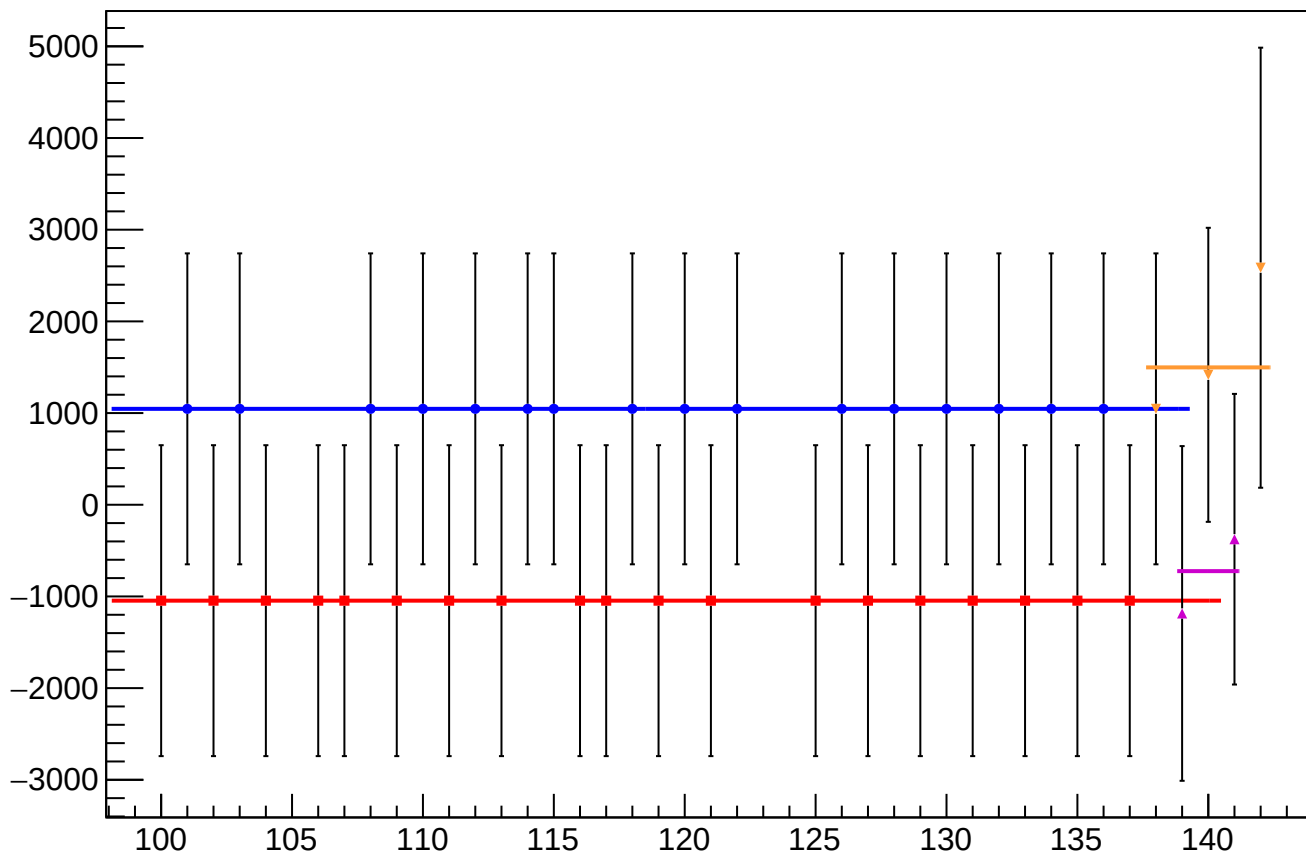
Left In: 847.685 $\pm$ 0.468 χ^2 /NDF: 0.0/1

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

822.229 $\pm$ 0.140 χ^2 /NDF: 74988.7/39

821.081 $\pm$ 0.197 χ^2 /NDF: 24135.2/20

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 1046.022+/-423.907 χ^2/NDF : 0.0/15

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

Right Out: -1046.022+/-389.004 χ^2/NDF : 0.0/18

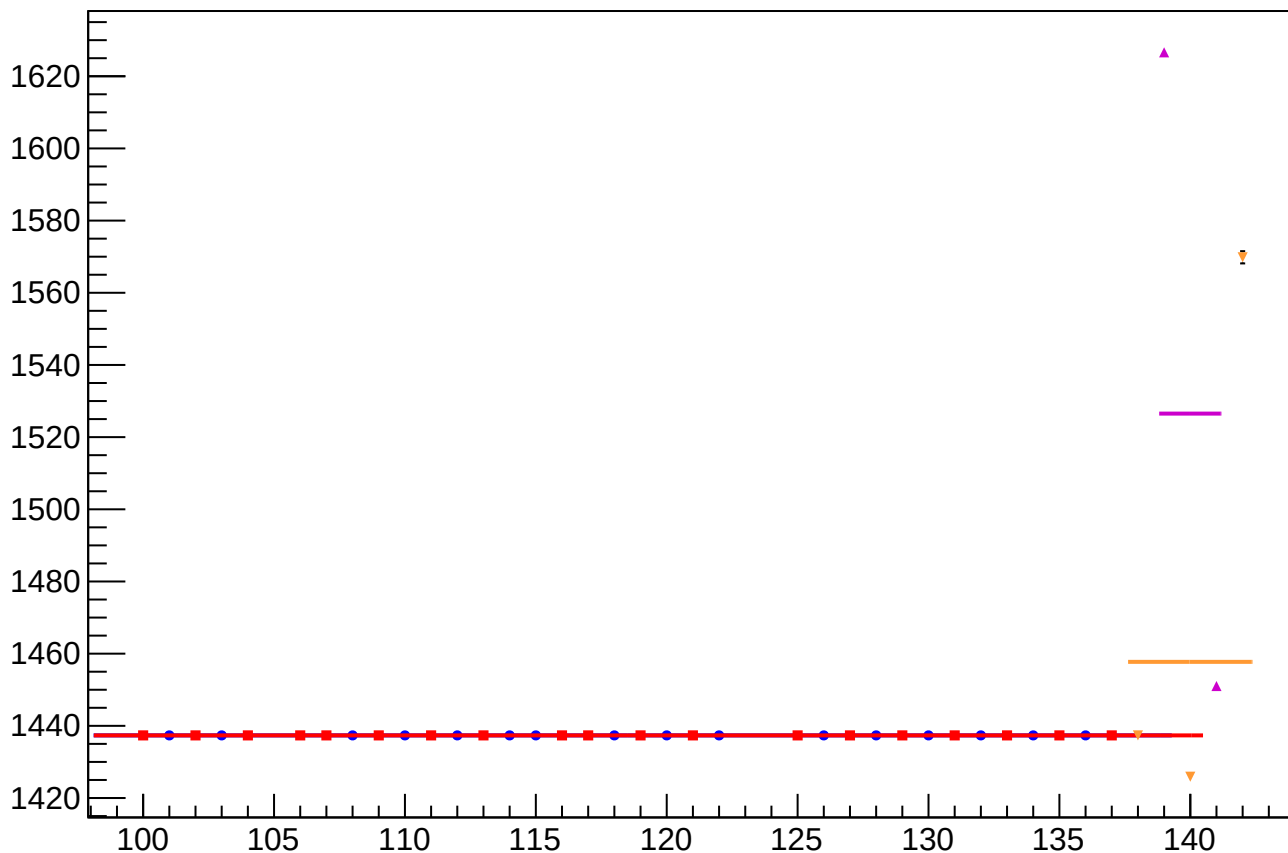
Left In: -723.952+/-1196.768 χ^2/NDF : 0.1/1

1109.589+/-392.981 χ^2/NDF : 0.4/18

-16.910+/-269.369 χ^2/NDF : 16.1/39

-1015.246+/-369.951 χ^2/NDF : 0.2/20

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1437.353+/-0.300 χ^2/NDF : 0.0/15

Left Out: 1457.729+/-0.741 χ^2/NDF : 5440.5/2

Right Out: 1437.353+/-0.275 χ^2/NDF : 0.0/18

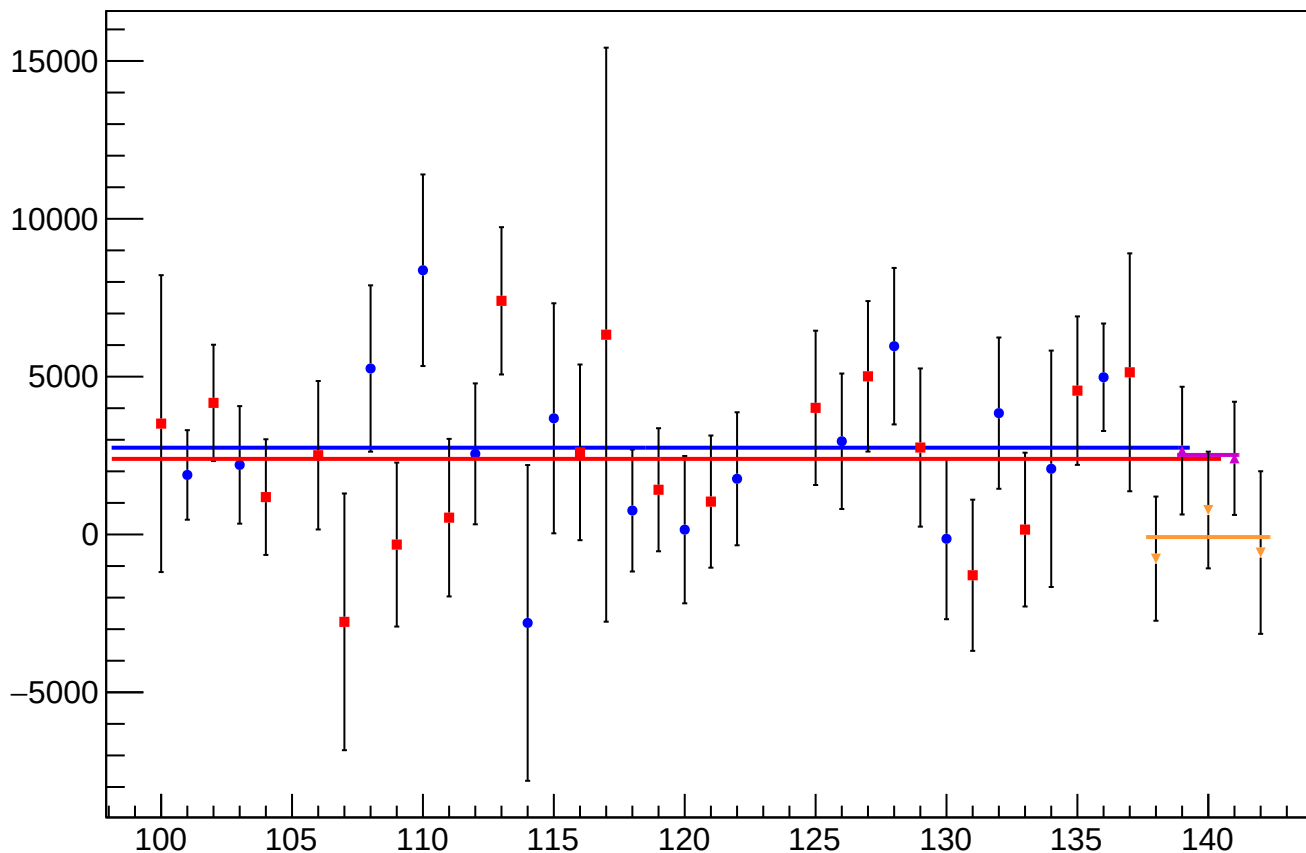
Left In: 1526.519+/-0.846 χ^2/NDF : 10552.6/1

1440.218+/-0.278 χ^2/NDF : 6090.1/18

1443.216+/-0.190 χ^2/NDF : 26903.6/39

1445.874+/-0.262 χ^2/NDF : 20593.8/20

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

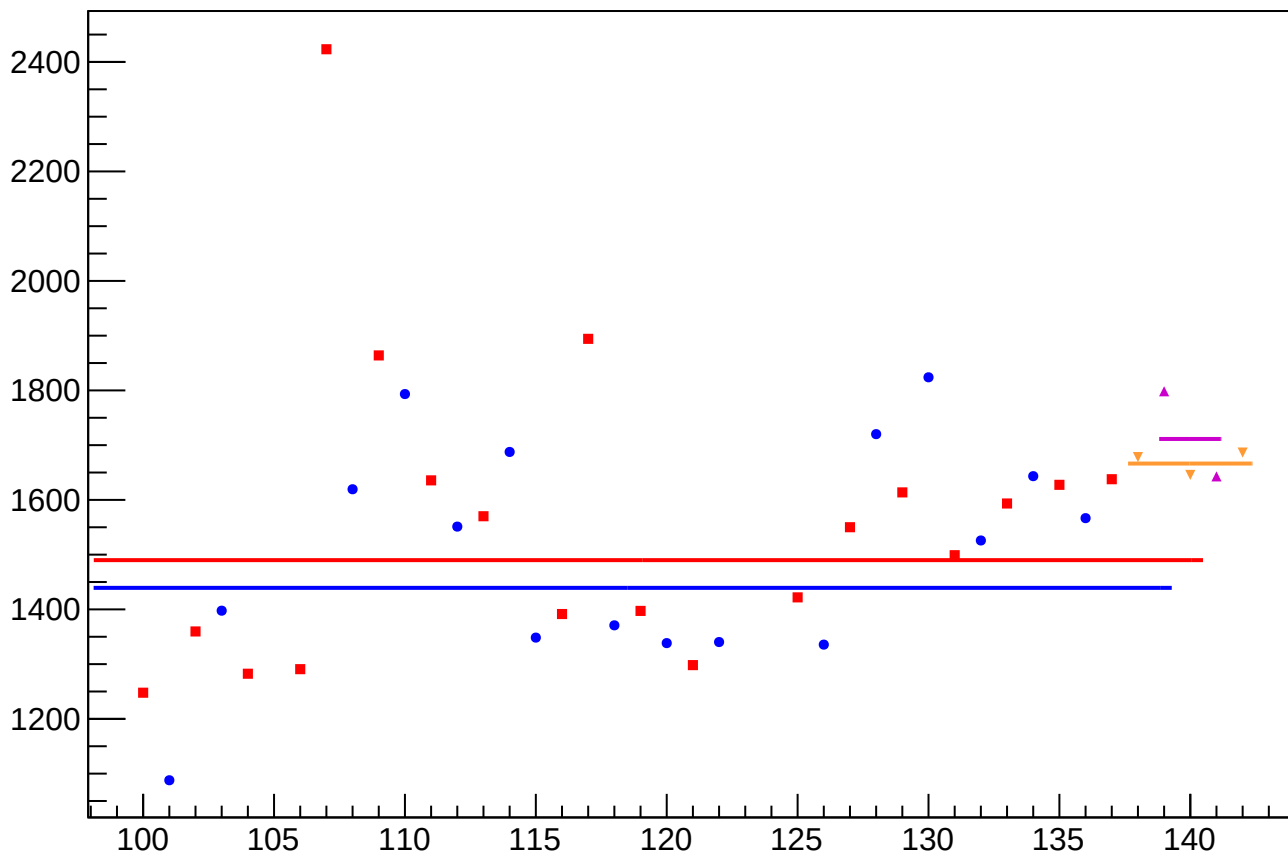
Left In: 2519.408 $\pm$ 1341.818 χ^2 /NDF: 0.0/1

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

2321.366 $\pm$ 364.812 χ^2 /NDF: 35.0/39

2413.775 $\pm$ 522.954 χ^2 /NDF: 16.4/20

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

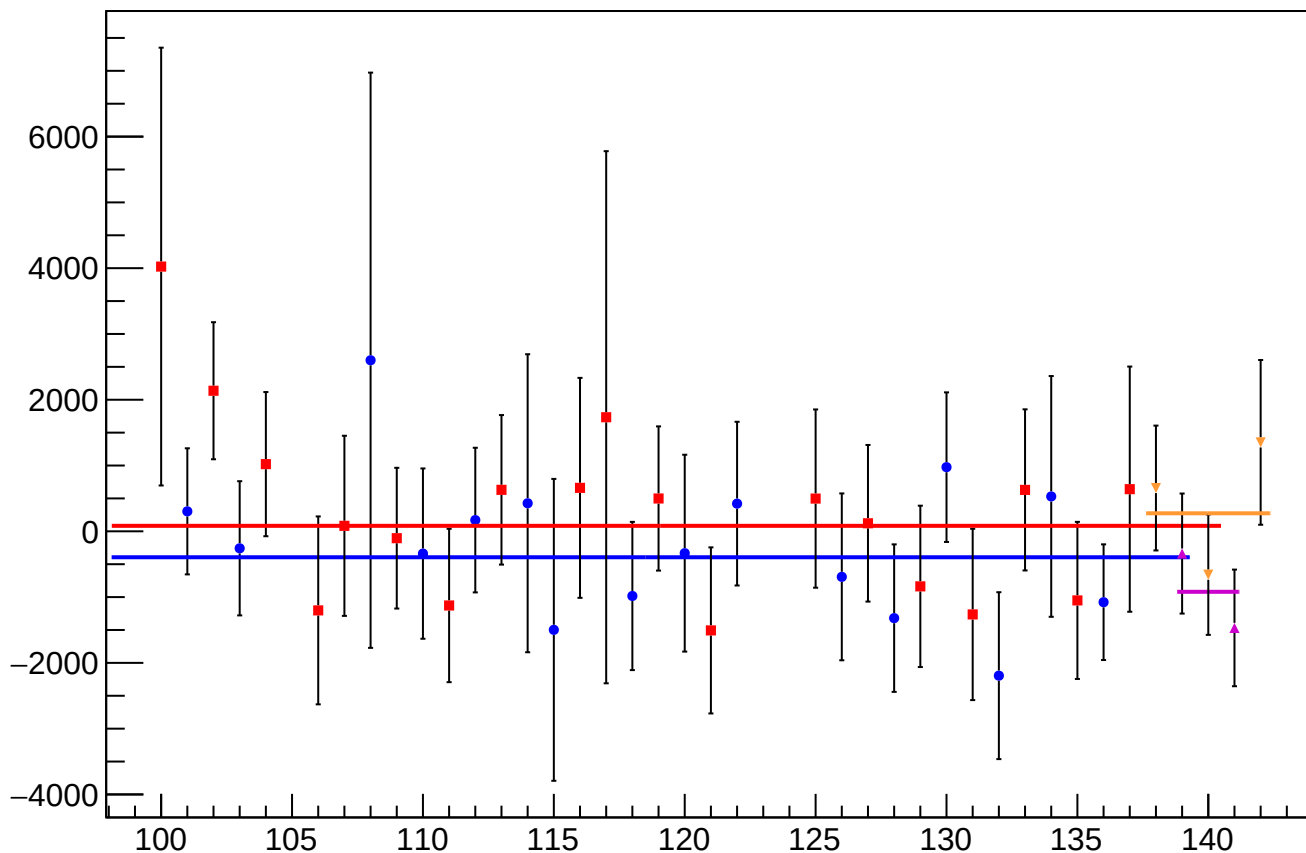
Left In: 1711.318 $\pm$ 0.949 χ^2/NDF : 6614.0/1

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

1501.542 $\pm$ 0.258 χ^2/NDF : 657495.8/39

1523.589 $\pm$ 0.370 χ^2/NDF : 313066.6/20

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -394.364 ± 313.174 χ^2/NDF : 7.4/15

Left Out: 273.852 ± 582.948 χ^2/NDF : 1.9/2

Right Out: 83.274 ± 297.589 χ^2/NDF : 13.1/18

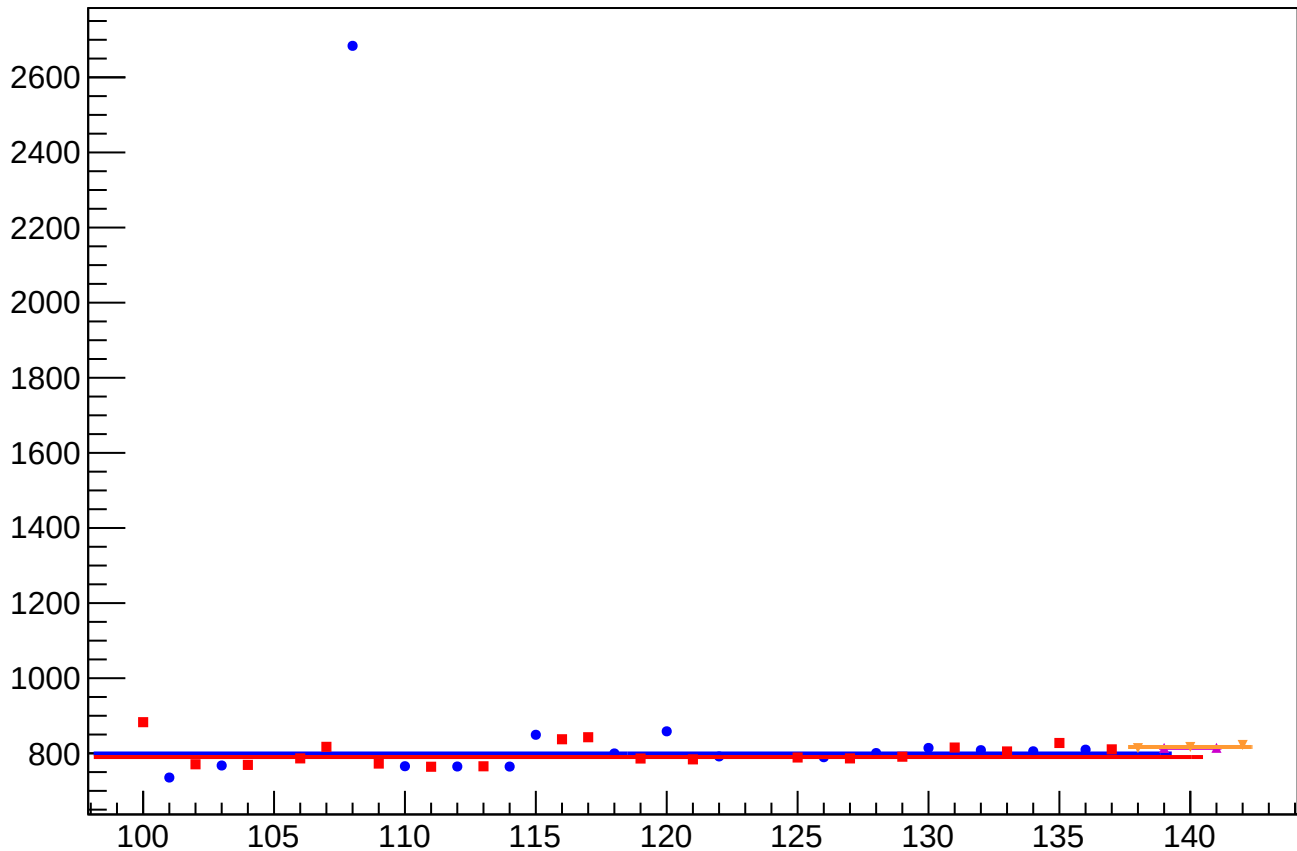
Left In: -919.614 ± 635.764 χ^2/NDF : 0.8/1

-244.703 ± 275.883 χ^2/NDF : 10.4/18

-169.113 ± 192.791 χ^2/NDF : 26.5/39

-96.967 ± 269.524 χ^2/NDF : 15.9/20

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

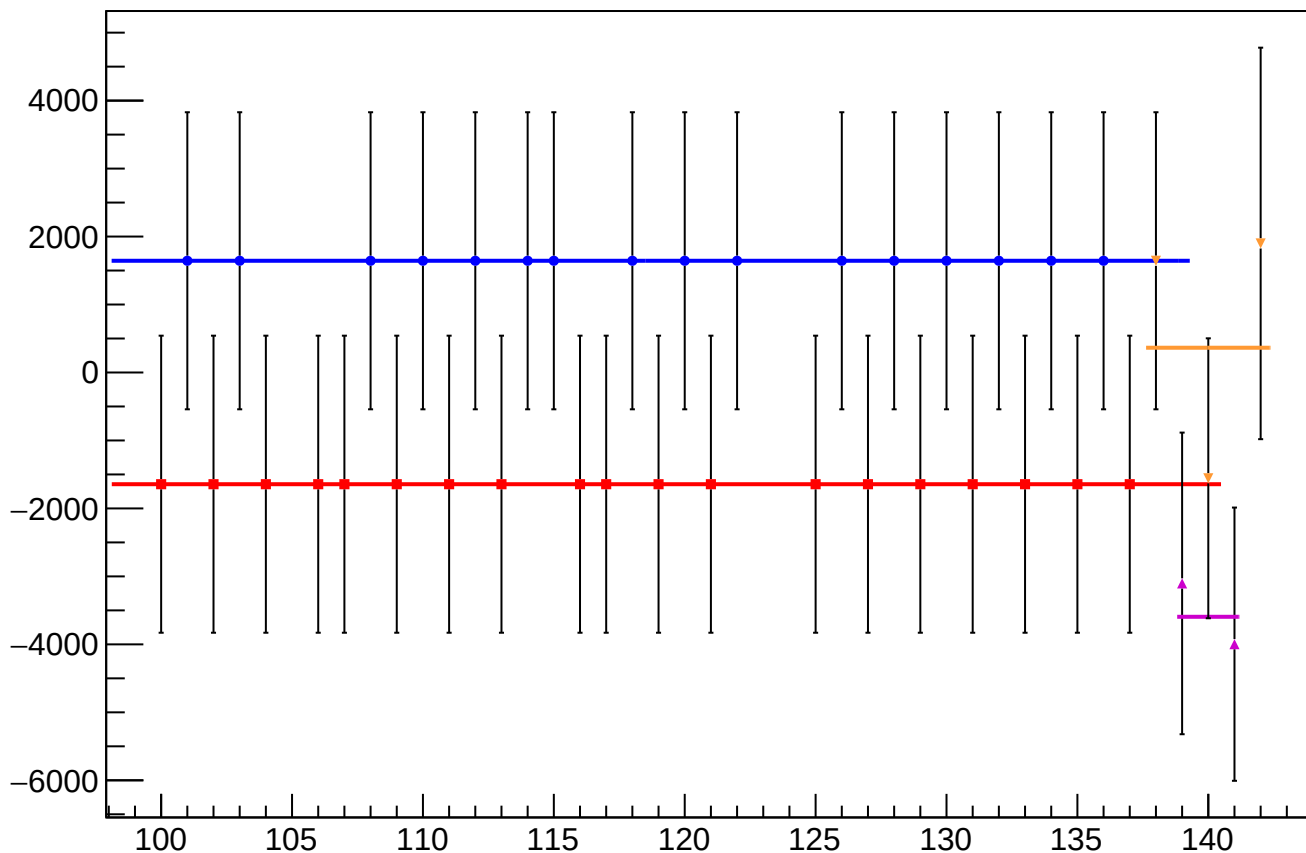
Left In: 814.574+/-0.450 χ^2/NDF : 0.1/1

803.411+/-0.195 χ^2/NDF : 392609.5/18

798.843+/-0.136 χ^2/NDF : 407633.4/39

794.483+/-0.191 χ^2/NDF : 13952.1/20

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 1643.648 $\pm$ 546.323 χ^2/NDF : 0.0/15

Left Out: 364.223 $\pm$ 1329.483 χ^2/NDF : 1.5/2

Right Out: -1643.648 $\pm$ 501.341 χ^2/NDF : 0.0/18

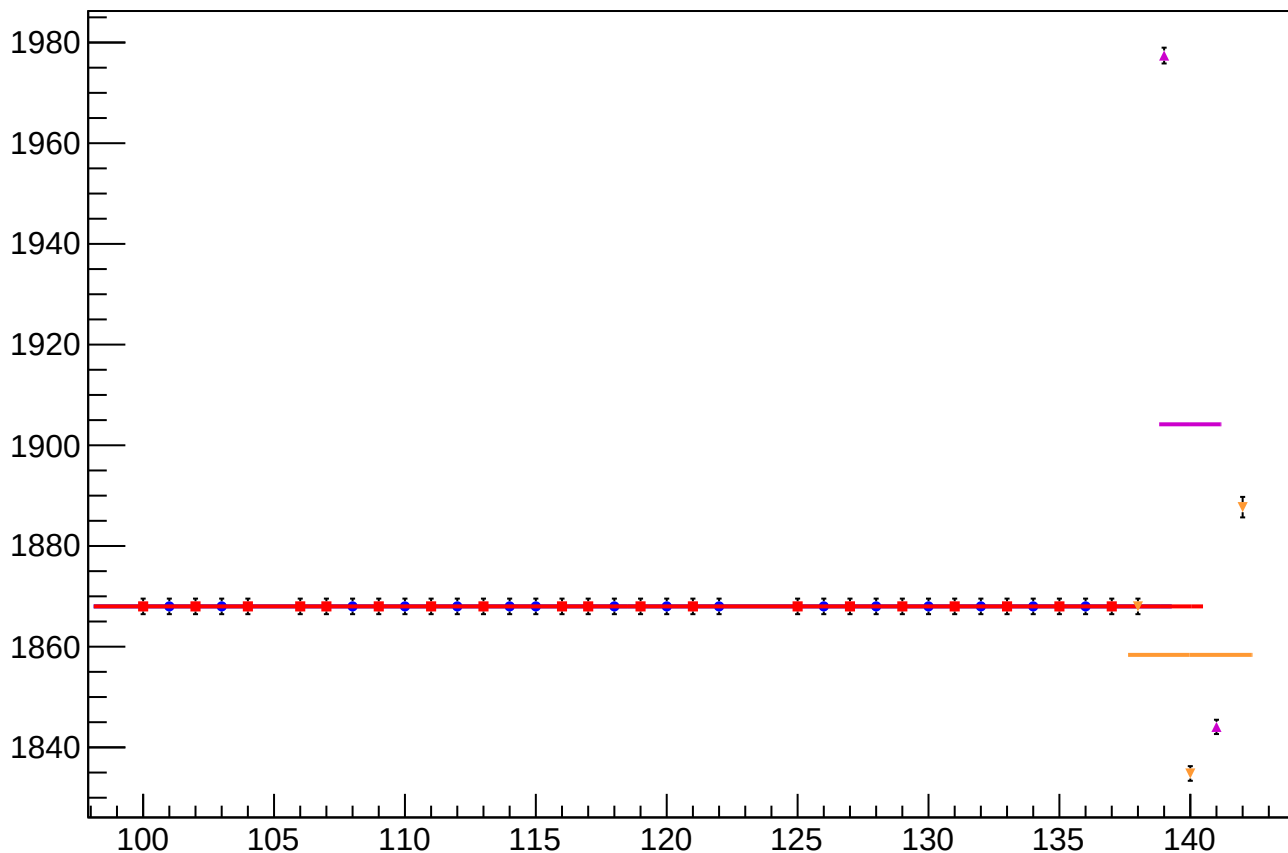
Left In: -3594.316 $\pm$ 1489.678 χ^2/NDF : 0.1/1

1458.813 $\pm$ 505.322 χ^2/NDF : 2.3/18

-293.115 $\pm$ 346.158 χ^2/NDF : 26.6/39

-1842.106 $\pm$ 475.154 χ^2/NDF : 1.6/20

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1868.002 $\pm$ 0.386 χ^2 /NDF: 0.0/15

Left Out: 1858.372 $\pm$ 0.940 χ^2 /NDF: 508.1/2

Right Out: 1868.002 $\pm$ 0.355 χ^2 /NDF: 0.0/18

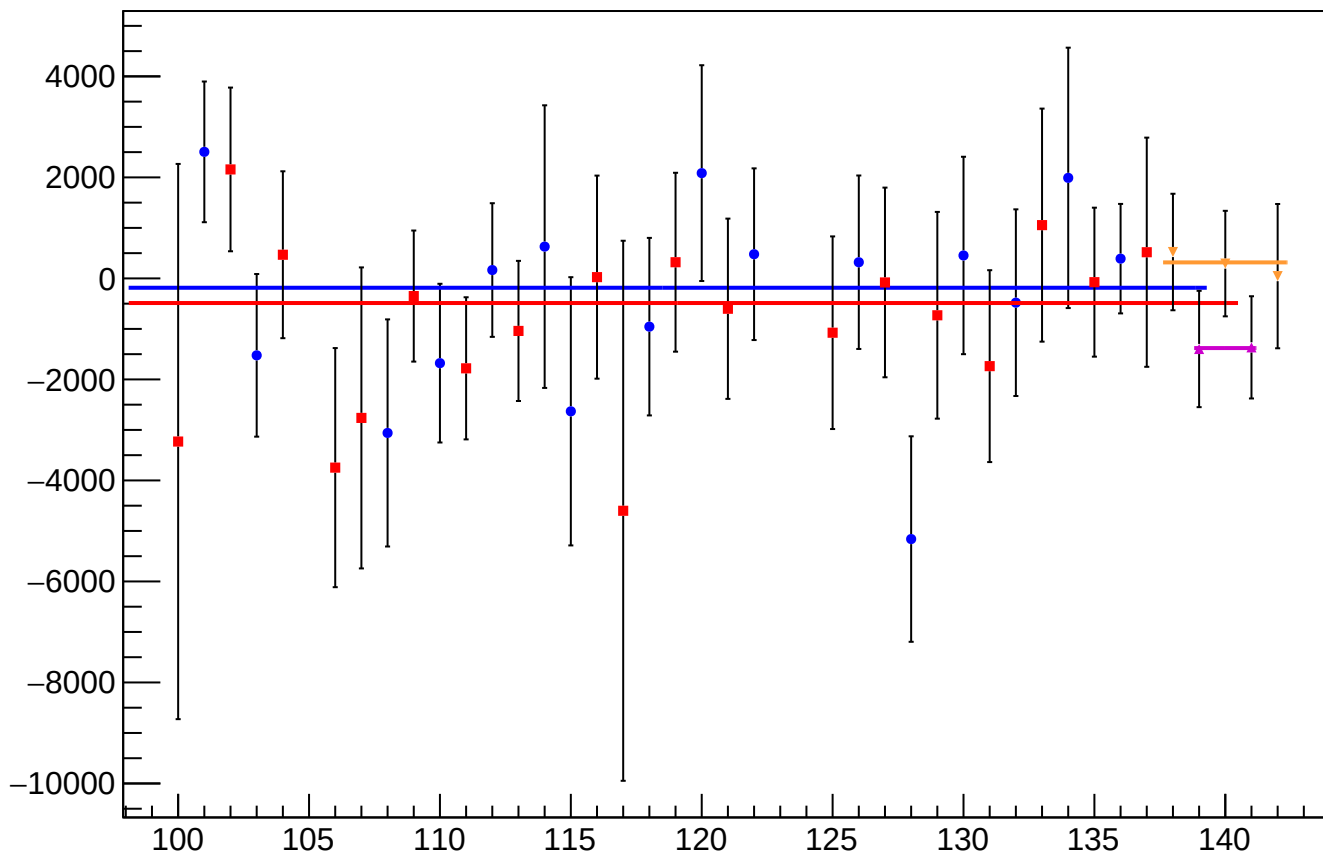
Left In: 1904.167 $\pm$ 1.053 χ^2 /NDF: 3966.9/1

1866.611 $\pm$ 0.357 χ^2 /NDF: 597.9/18

1869.302 $\pm$ 0.245 χ^2 /NDF: 5730.4/39

1871.682 $\pm$ 0.336 χ^2 /NDF: 5025.7/20

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

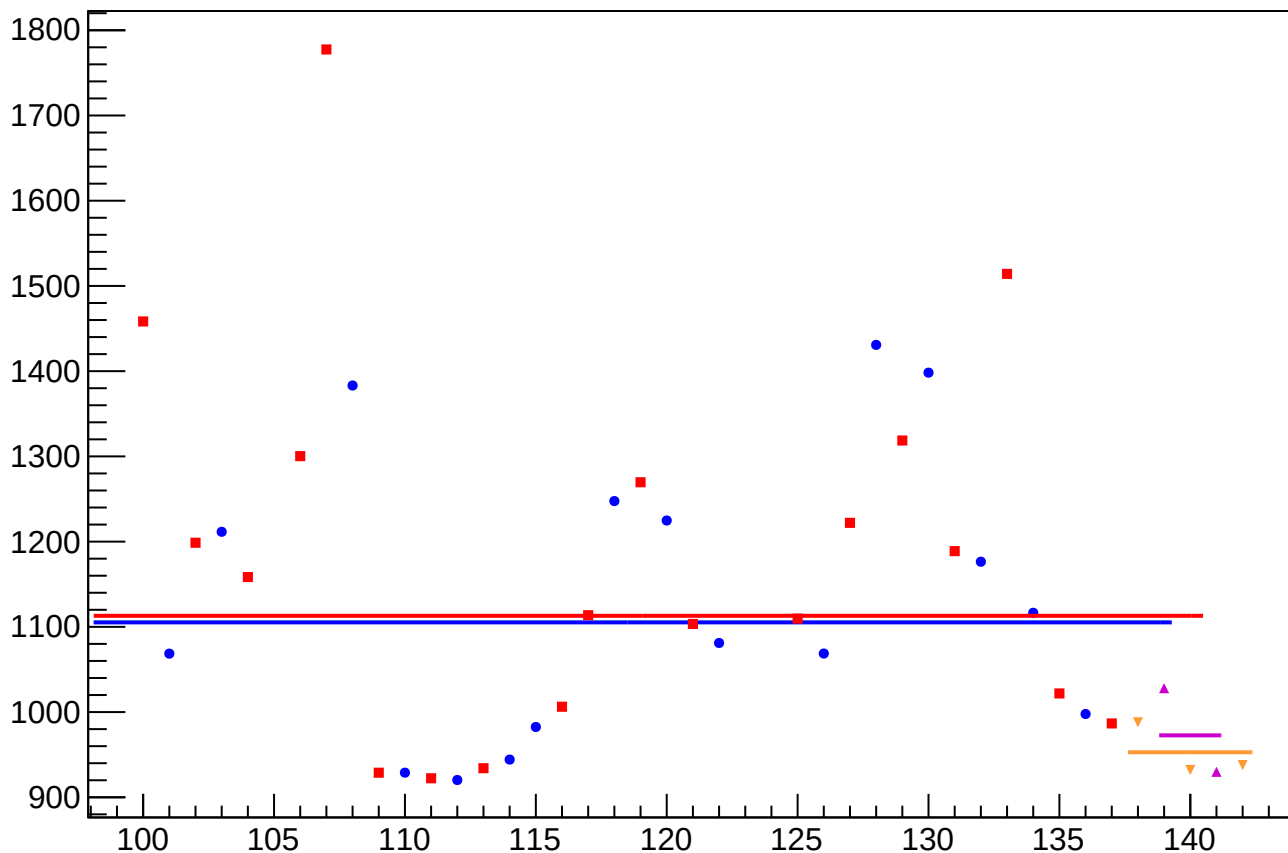
Left In: -1379.308+/-760.204 χ^2/NDF : 0.0/1

-41.178+/-364.433 χ^2/NDF : 17.1/18

-364.542+/-260.101 χ^2/NDF : 28.7/39

-700.279+/-371.340 χ^2/NDF : 10.0/20

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1105.236+/-0.305 χ^2/NDF : 255366.2/15

Left Out: 952.851+/-0.481 χ^2/NDF : 2868.7/2

Right Out: 1112.978+/-0.301 χ^2/NDF : 362995.5/18

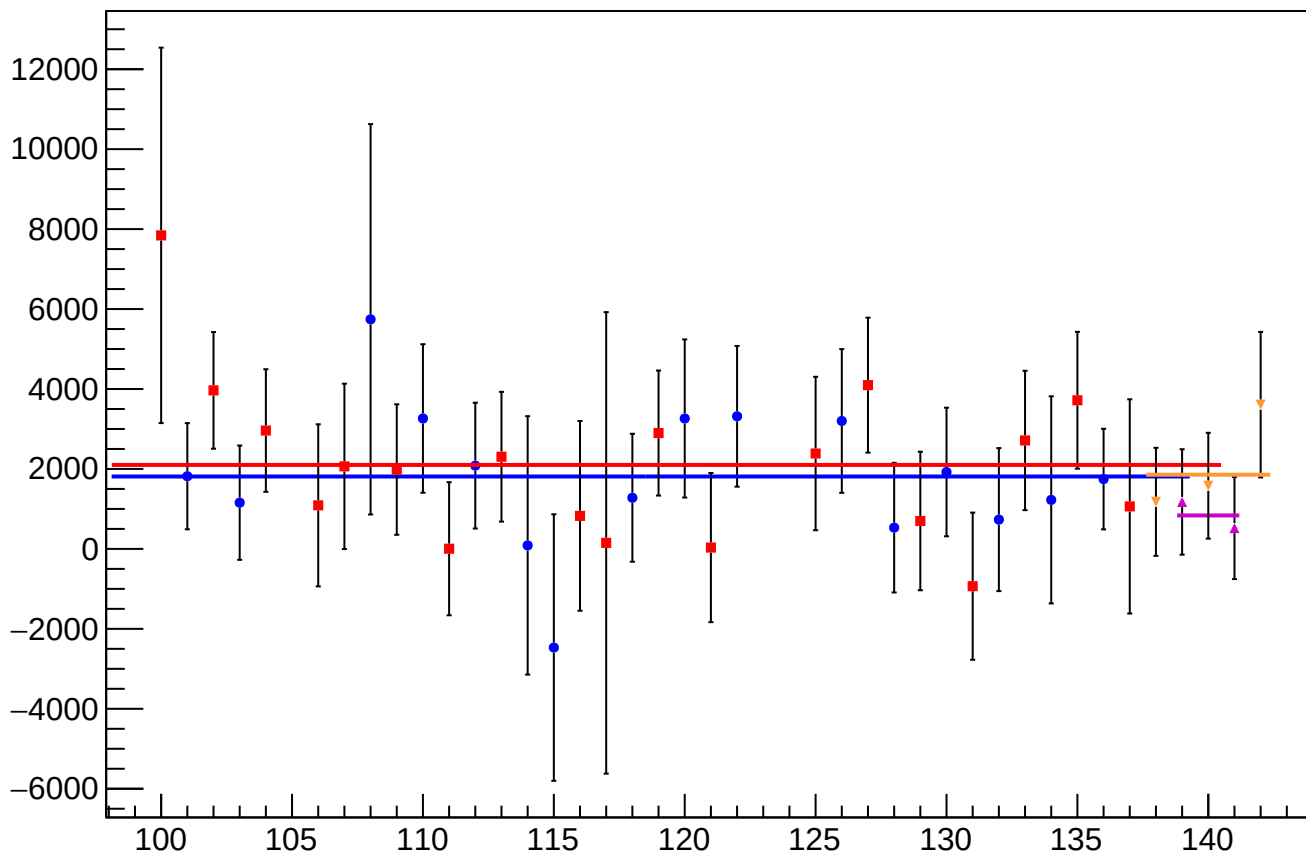
Left In: 972.687+/-0.538 χ^2/NDF : 8183.4/1

1061.550+/-0.258 χ^2/NDF : 329742.9/18

1070.359+/-0.184 χ^2/NDF : 755164.5/39

1079.504+/-0.263 χ^2/NDF : 423040.2/20

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

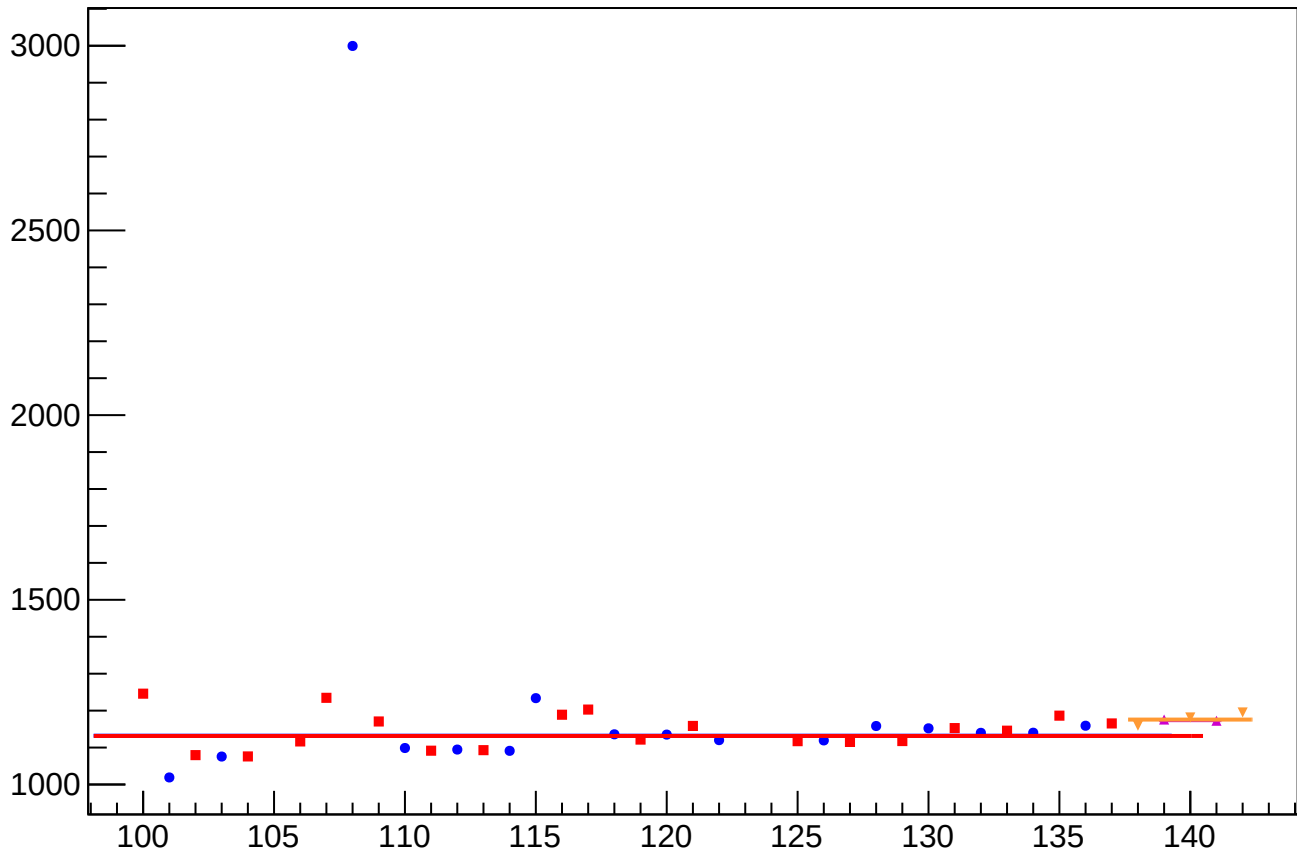
Left In: 836.718 $\pm$ 916.903 χ^2 /NDF: 0.1/1

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

1848.482 $\pm$ 275.012 χ^2 /NDF: 22.5/39

1875.529 $\pm$ 386.717 χ^2 /NDF: 14.8/20

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

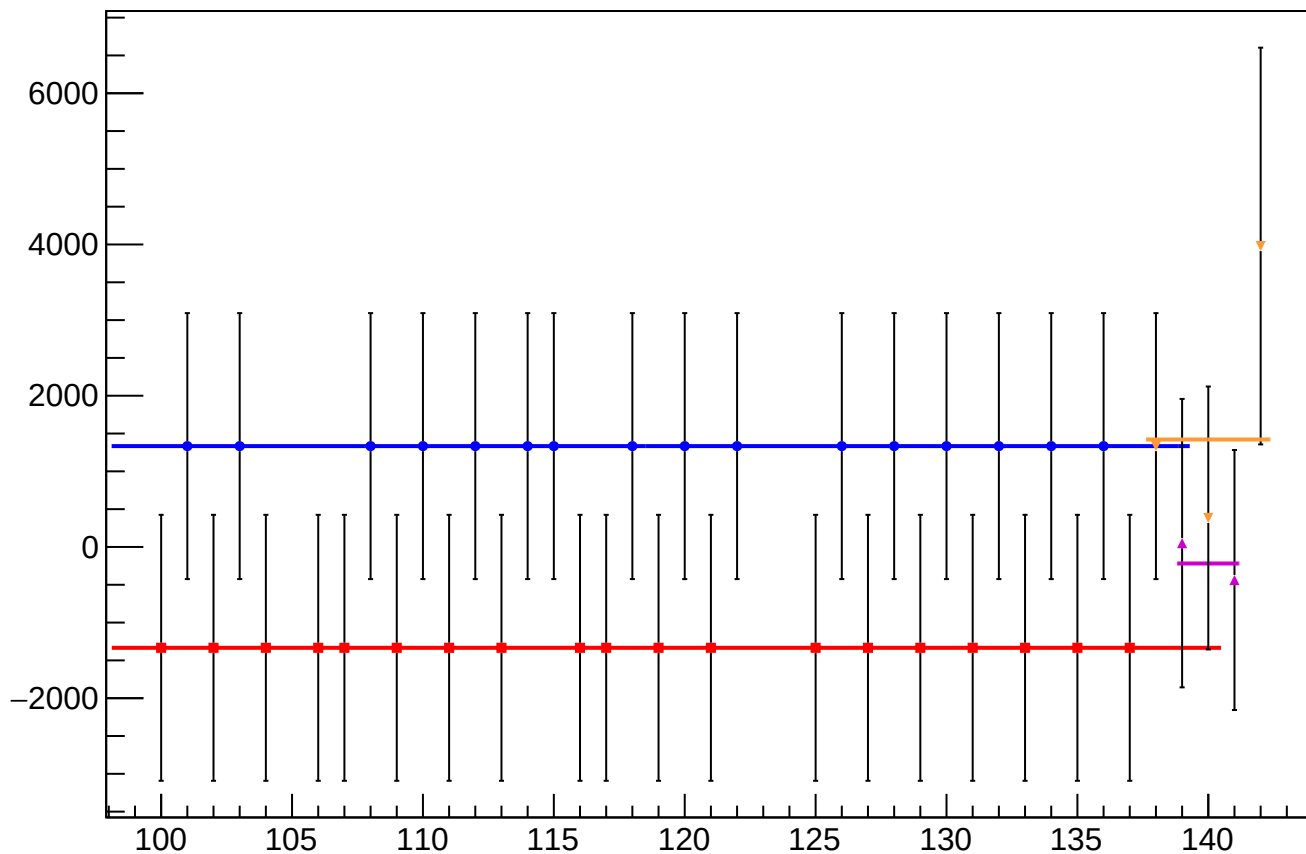
Left In: 1174.213 $\pm$ 0.648 χ^2 /NDF: 6.3/1

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

1140.279 $\pm$ 0.194 χ^2 /NDF: 344489.9/39

1139.023 $\pm$ 0.273 χ^2 /NDF: 23616.9/20

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 1333.676 $\pm$ 439.662 χ^2/NDF : 0.0/15

Left Out: 1421.048 $\pm$ 1118.336 χ^2/NDF : 1.3/2

Right Out: -1333.676 $\pm$ 403.461 χ^2/NDF : 0.0/18

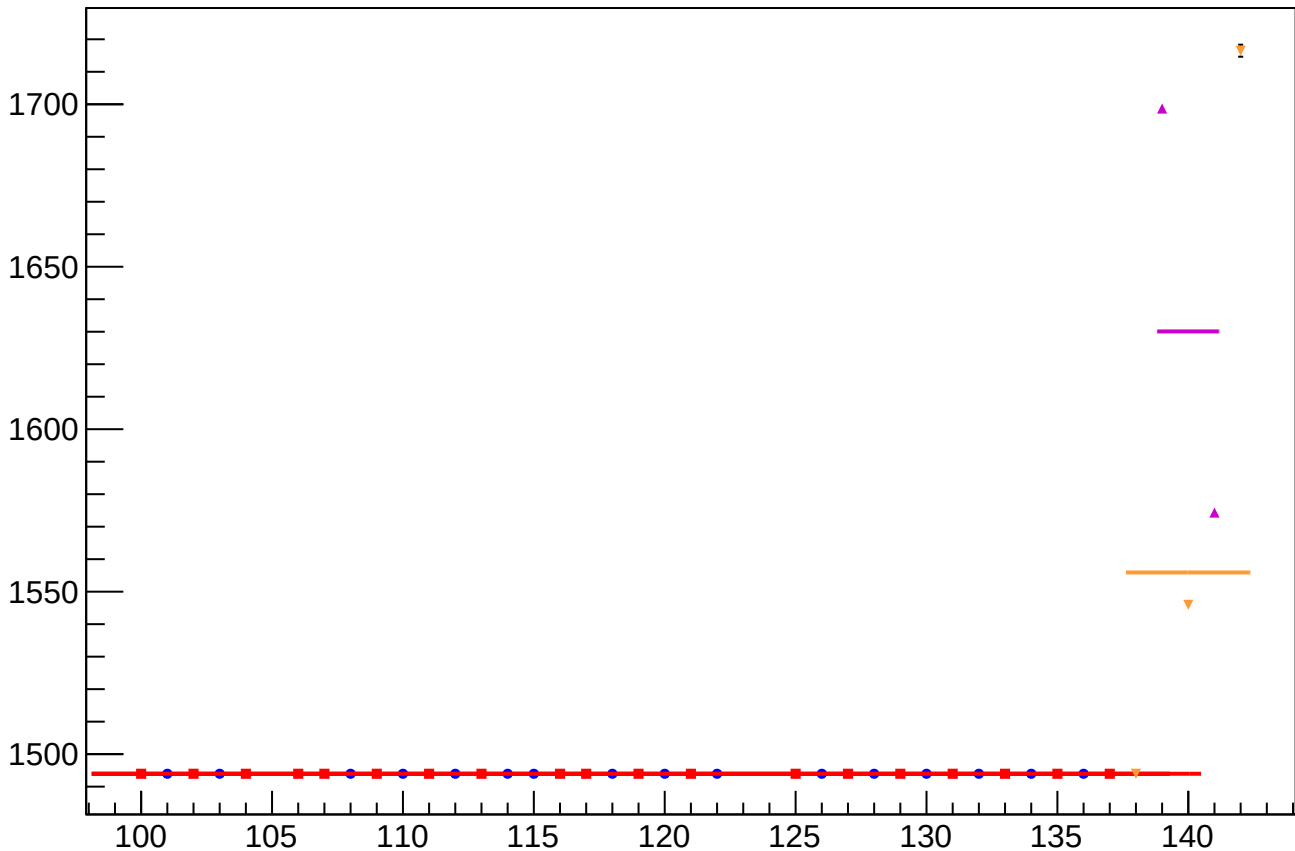
Left In: -218.585 $\pm$ 1276.915 χ^2/NDF : 0.0/1

1345.372 $\pm$ 409.176 χ^2/NDF : 1.3/18

-22.898 $\pm$ 280.283 χ^2/NDF : 23.1/39

-1232.457 $\pm$ 384.714 χ^2/NDF : 0.7/20

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 1493.962+/-0.311 χ^2 /NDF: 0.0/15

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

Right Out: 1493.962+/-0.285 χ^2 /NDF: 0.0/18

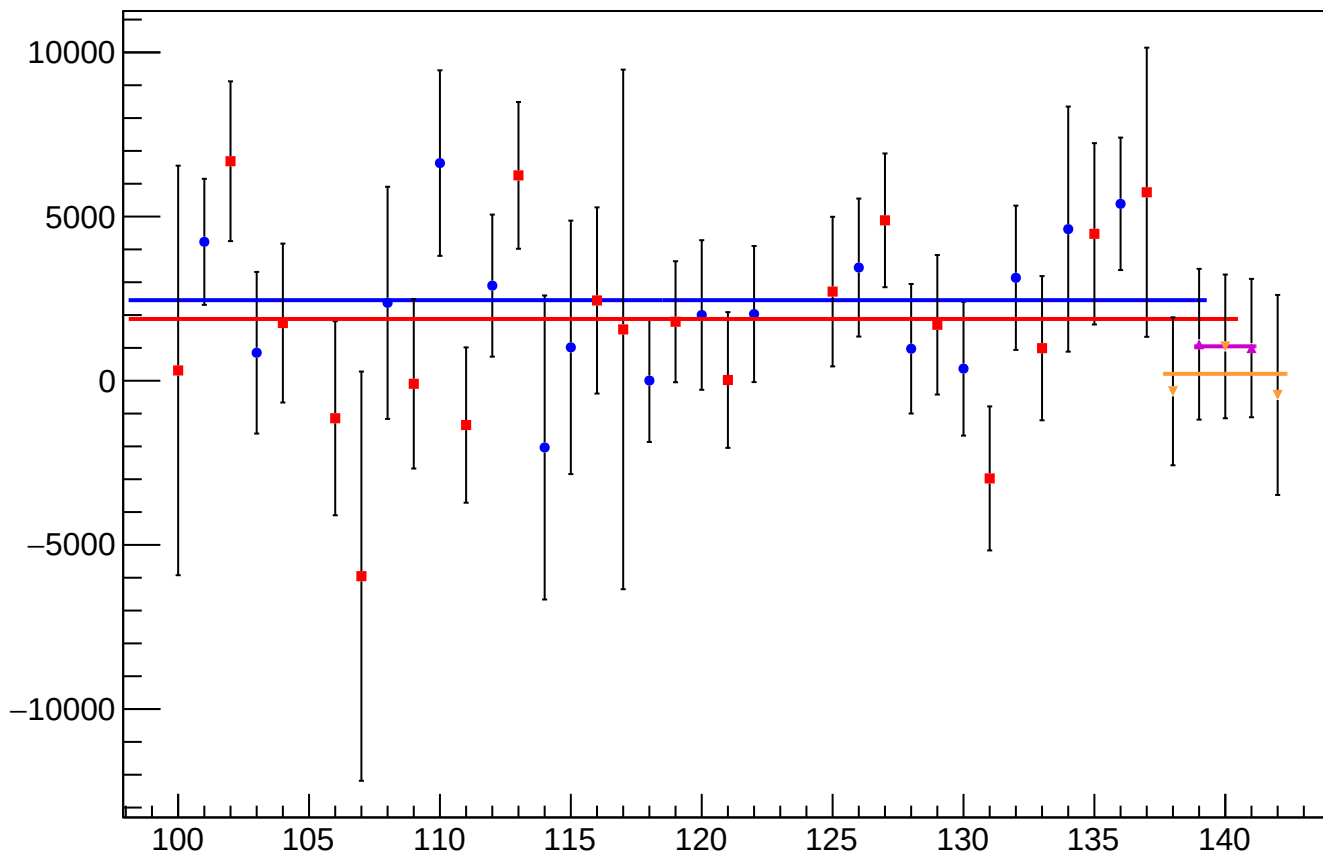
Left In: 1630.088+/-0.903 χ^2 /NDF:4690.9/1

1502.256+/-0.289 χ^2 /NDF: 15357.1/18

1504.412+/-0.198 χ^2 /NDF: 40818.9/39

1506.318+/-0.272 χ^2 /NDF: 25357.1/20

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

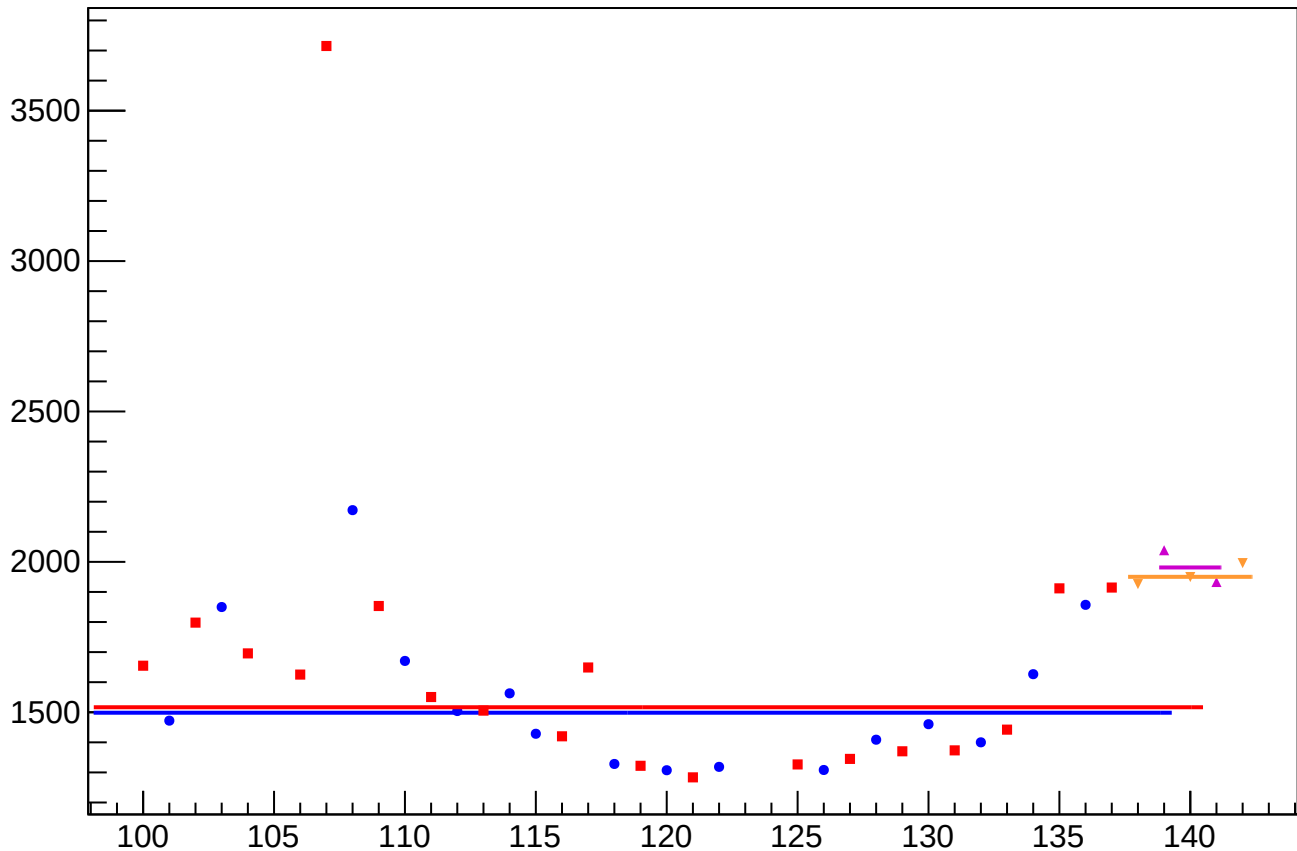
Left In: 1047.914 $\pm$ 1552.673 χ^2 /NDF: 0.0/1

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

1950.550 $\pm$ 383.099 χ^2 /NDF: 36.4/39

1778.512 $\pm$ 544.653 χ^2 /NDF: 23.0/20

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

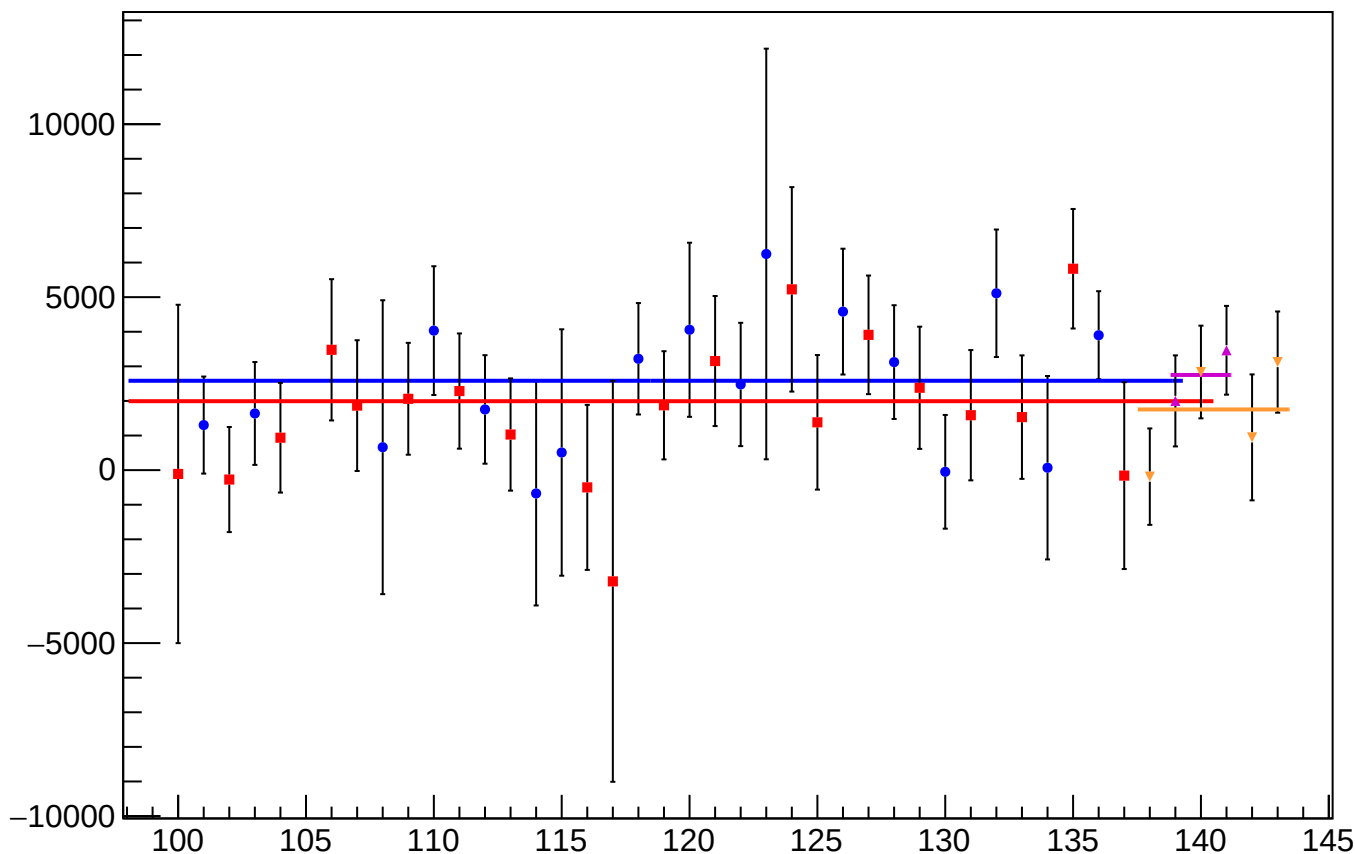
Left In: 1981.406 $\pm$ 1.098 χ^2 /NDF: 2294.5/1

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

1569.828 $\pm$ 0.271 χ^2 /NDF: 1078616.9/39

1573.853 $\pm$ 0.385 χ^2 /NDF: 640529.0/20

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2582.988 ± 453.193 χ^2/NDF : 12.3/16

Left Out: 1753.845 ± 736.935 χ^2/NDF : 3.7/3

Right Out: 1992.471 ± 425.603 χ^2/NDF : 14.3/19

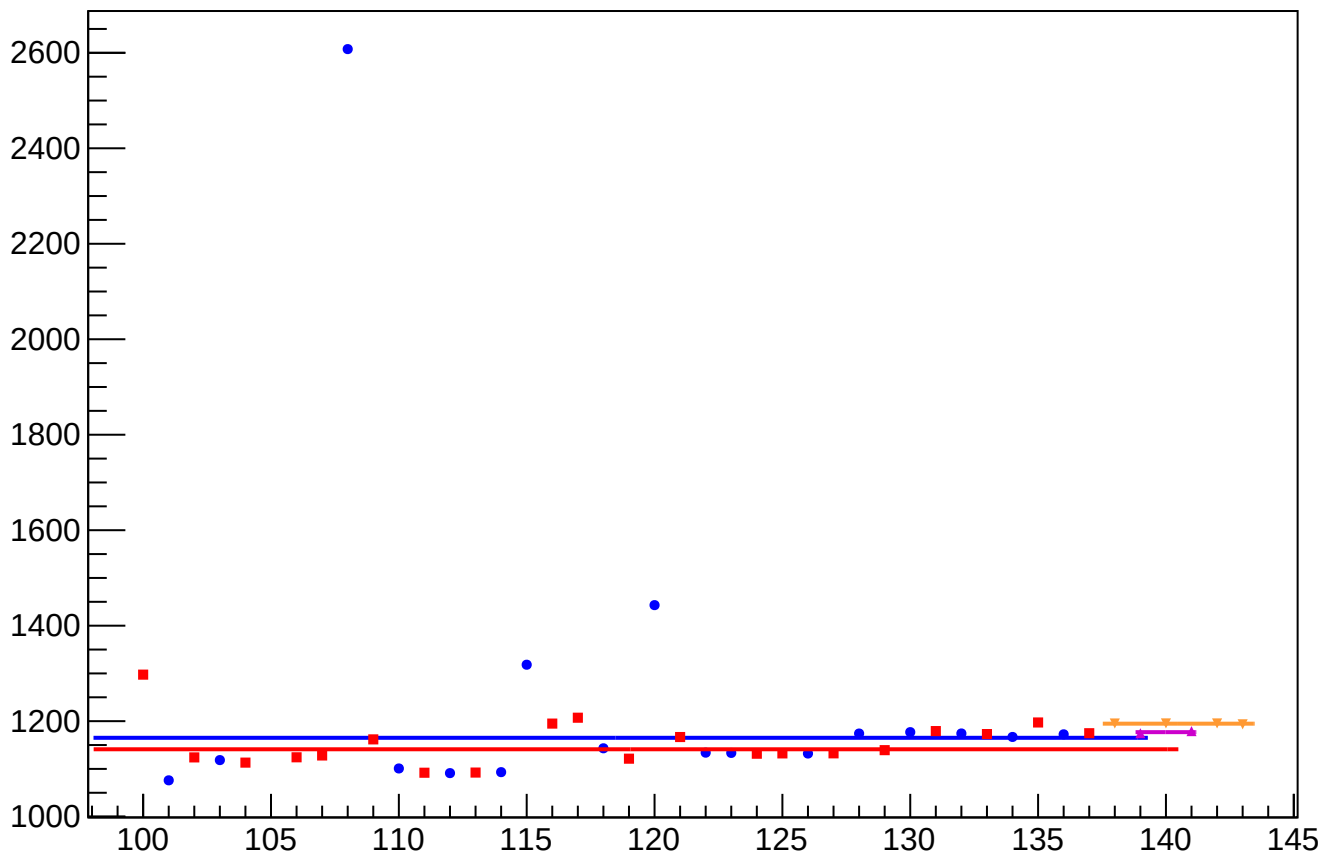
Left In: 2751.120 ± 918.642 χ^2/NDF : 0.6/1

2355.463 ± 386.037 χ^2/NDF : 16.9/20

2241.038 ± 273.017 χ^2/NDF : 32.6/42

2126.534 ± 386.171 χ^2/NDF : 15.5/21

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

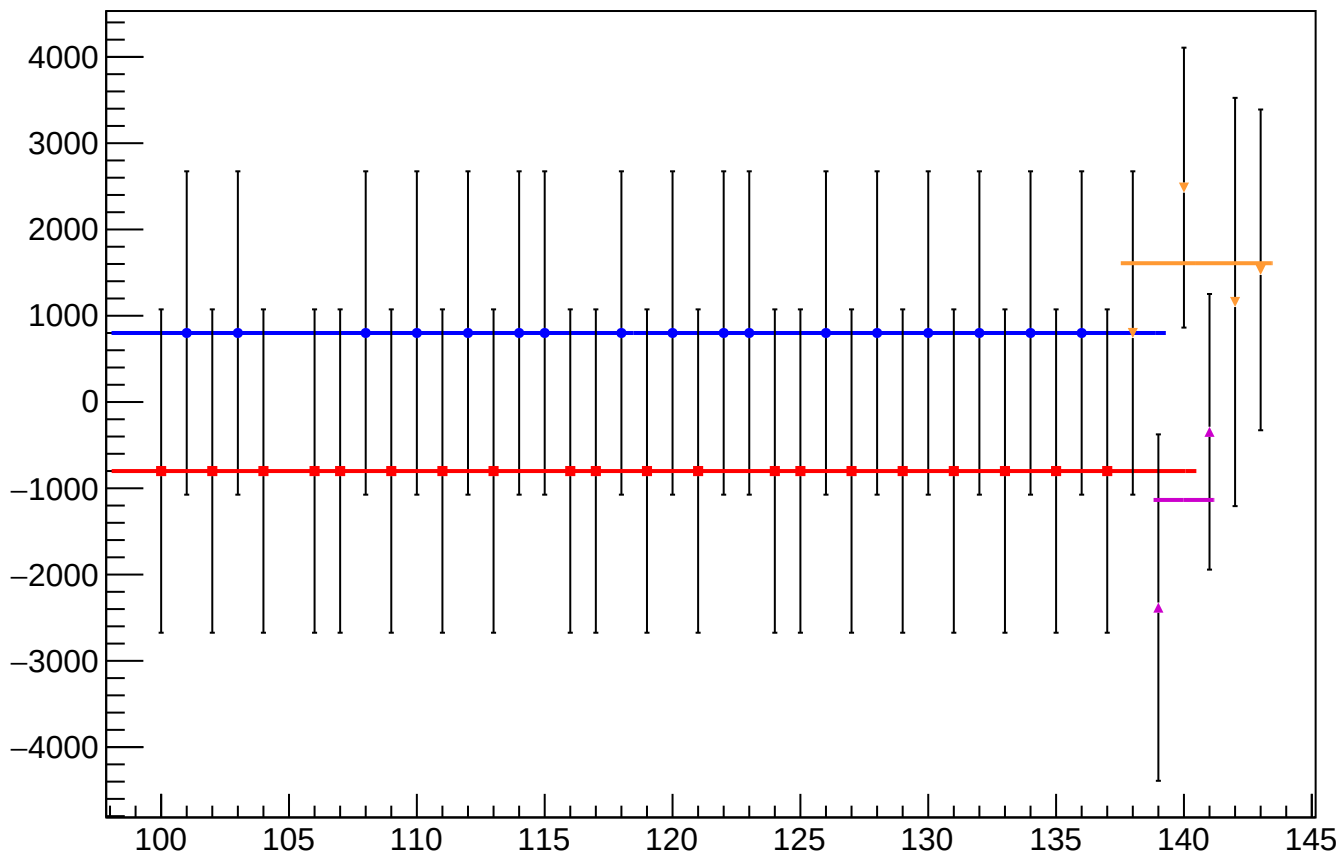
Left In: 1176.982 $\pm$ 0.650 χ^2/NDF : 11.8/1

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

1160.363 $\pm$ 0.193 χ^2/NDF : 300885.8/42

1147.450 $\pm$ 0.273 χ^2/NDF : 15502.0/21

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 800.138 $\pm$ 454.520 χ^2/NDF : 0.0/16

Left Out: 1608.845 $\pm$ 939.582 χ^2/NDF : 0.5/3

Right Out: -800.138 $\pm$ 419.047 χ^2/NDF : 0.0/19

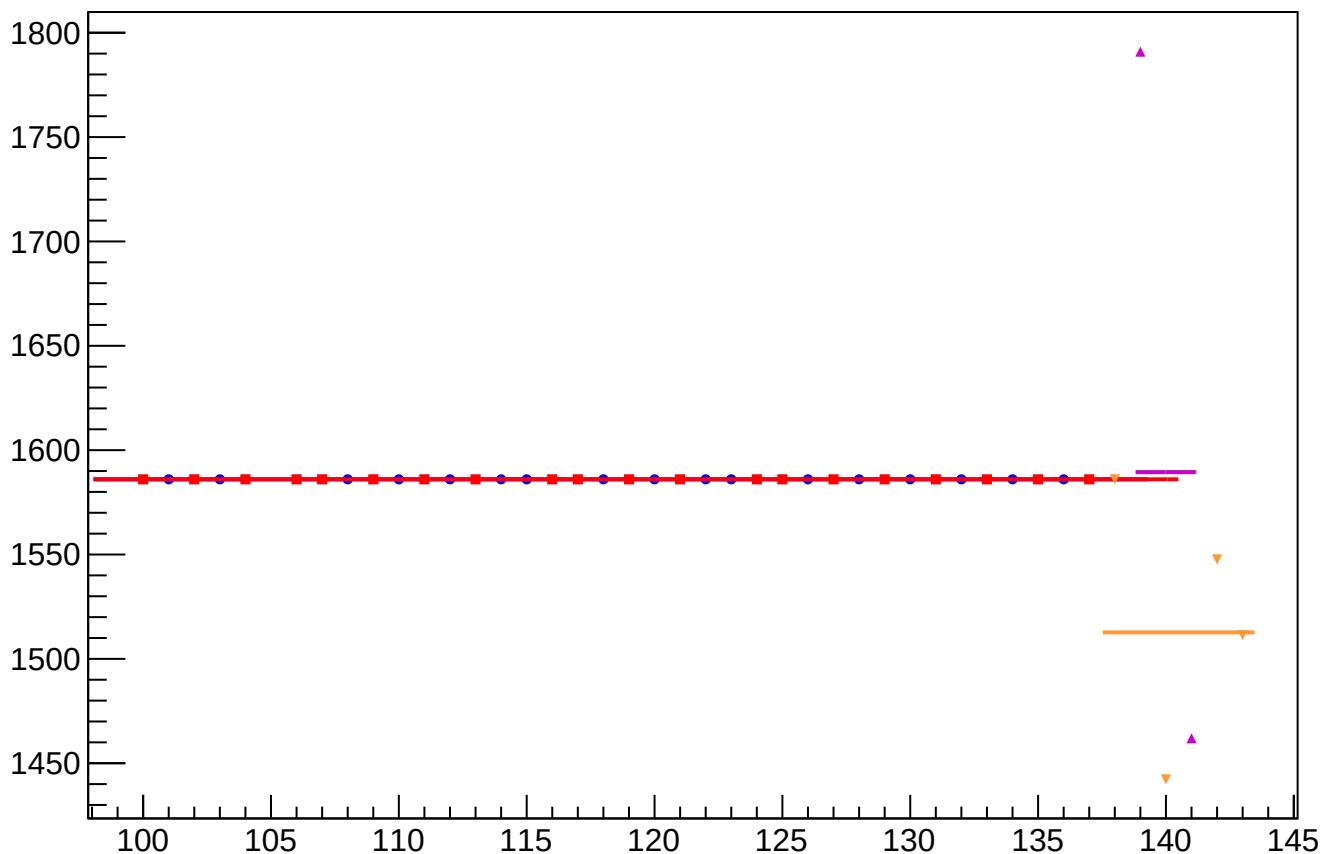
Left In: -1135.038 $\pm$ 1249.983 χ^2/NDF : 0.6/1

953.497 $\pm$ 409.160 χ^2/NDF : 1.1/20

33.513 $\pm$ 285.040 χ^2/NDF : 11.6/42

-833.973 $\pm$ 397.315 χ^2/NDF : 0.7/21

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1586.027+/-0.321 χ^2 /NDF: 0.0/16

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

Right Out: 1586.027+/-0.296 χ^2 /NDF: 0.0/19

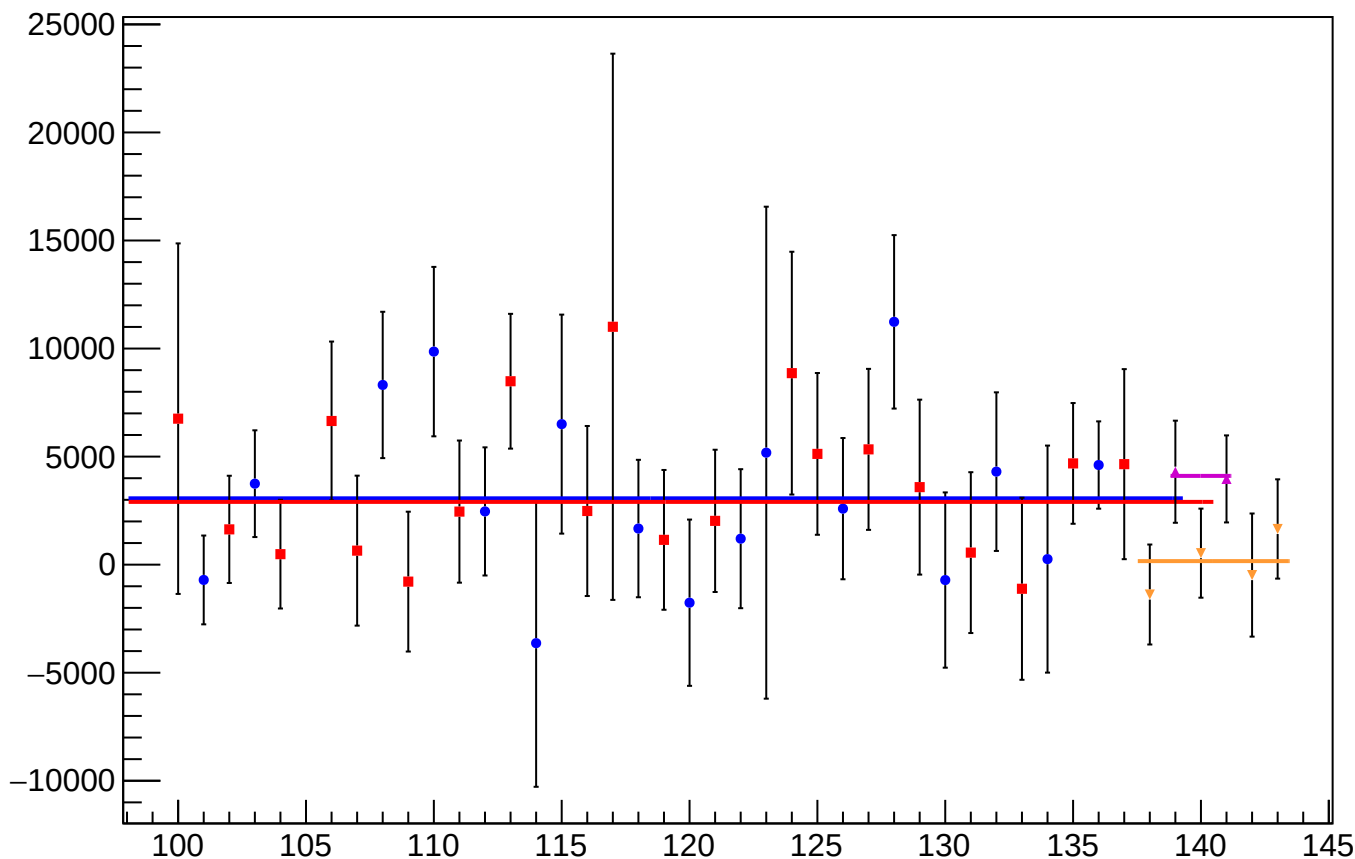
Left In: 1589.488+/-0.884 χ^2 /NDF: 32885.6/1

1572.117+/-0.289 χ^2 /NDF: 17148.8/20

1579.456+/-0.202 χ^2 /NDF: 51298.5/42

1586.376+/-0.281 χ^2 /NDF: 32899.4/21

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

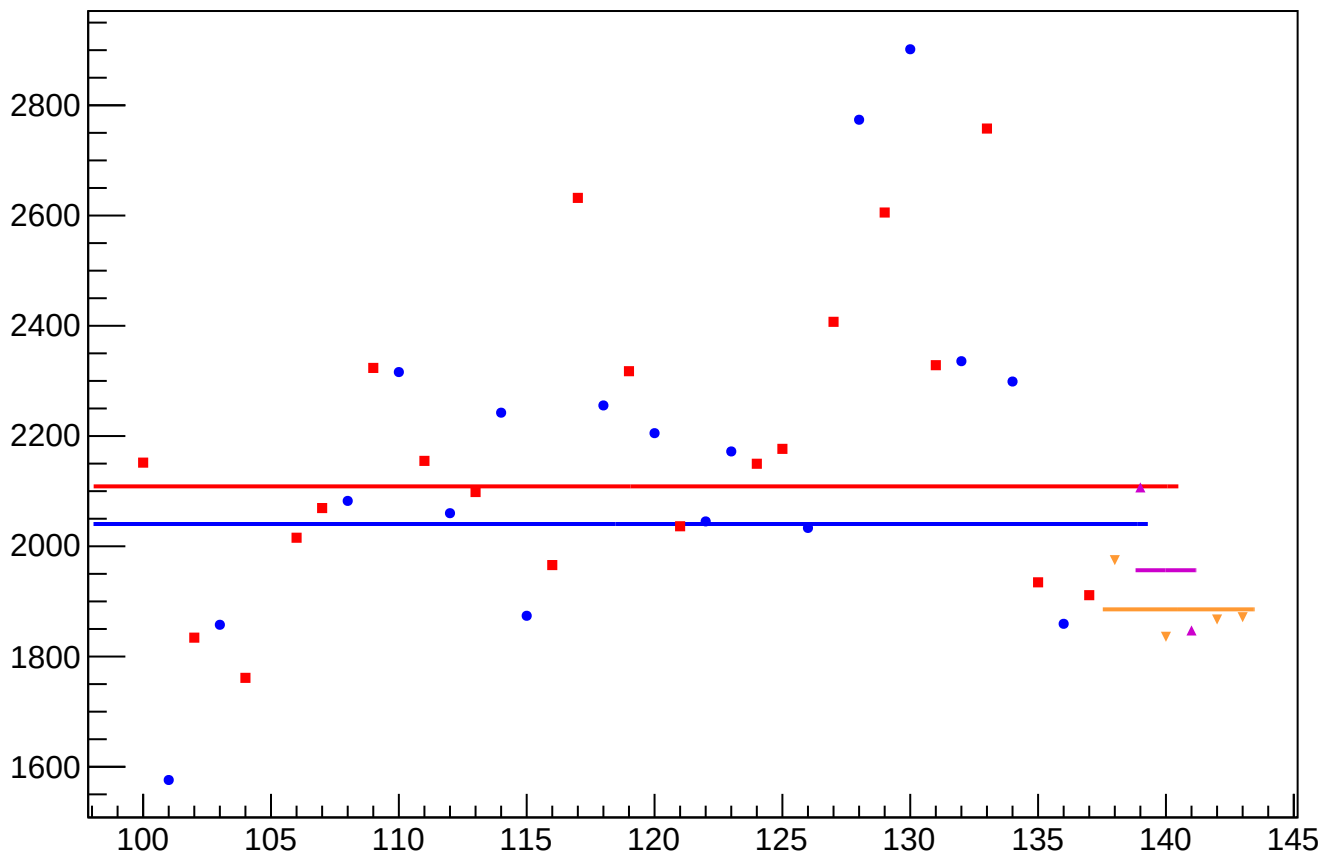
Left In: 4107.605 $\pm$ 1532.570 χ^2 /NDF: 0.0/1

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

2616.779 $\pm$ 481.166 χ^2 /NDF: 37.3/42

3159.145 $\pm$ 704.850 χ^2 /NDF: 12.5/21

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1885.591+/-0.825 χ^2/NDF : 4301.6/3

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

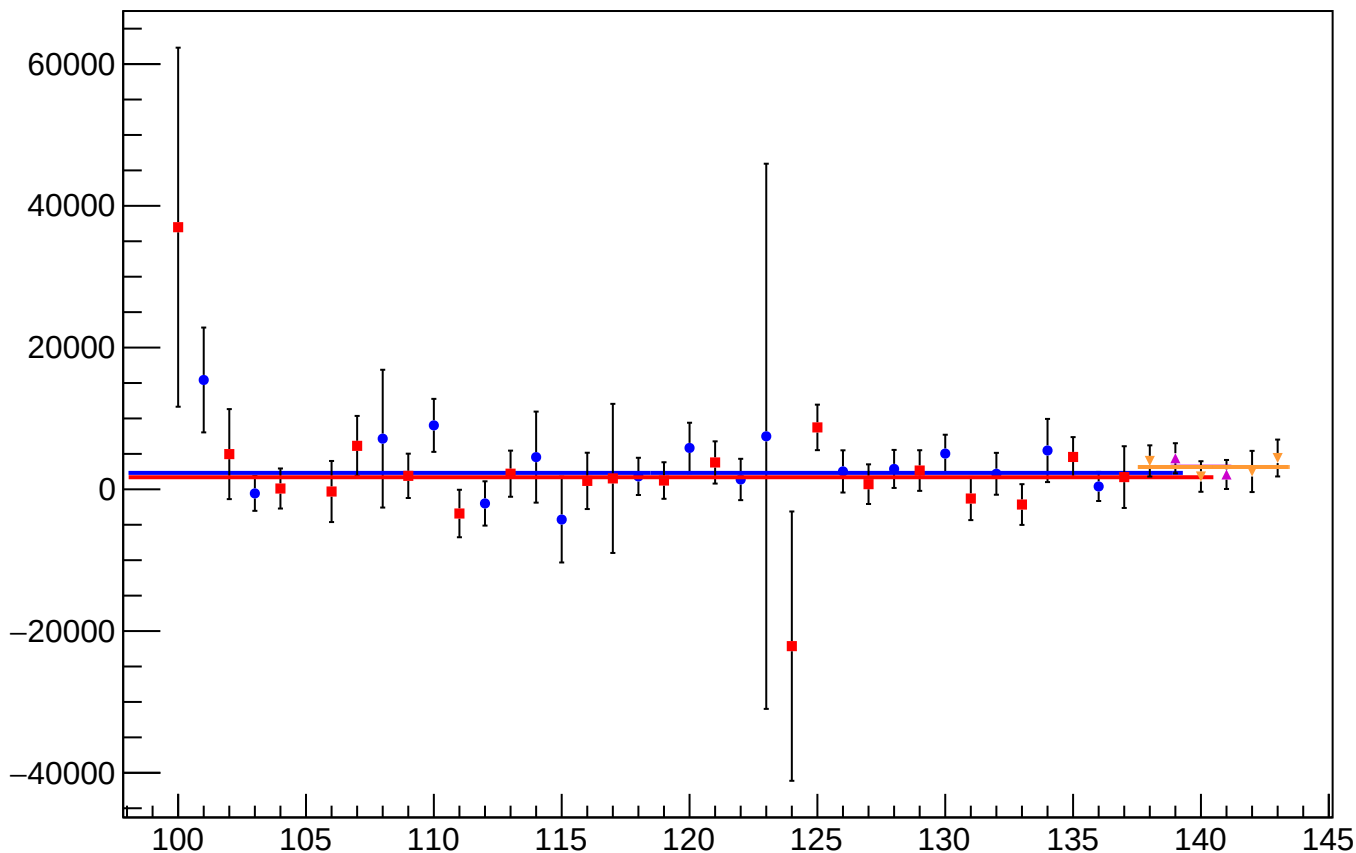
Left In: 1956.558+/-1.084 χ^2/NDF : 13977.9/1

1991.084+/-0.466 χ^2/NDF : 359656.2/20

2030.896+/-0.340 χ^2/NDF : 603721.9/42

2076.516+/-0.498 χ^2/NDF : 228376.2/21

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

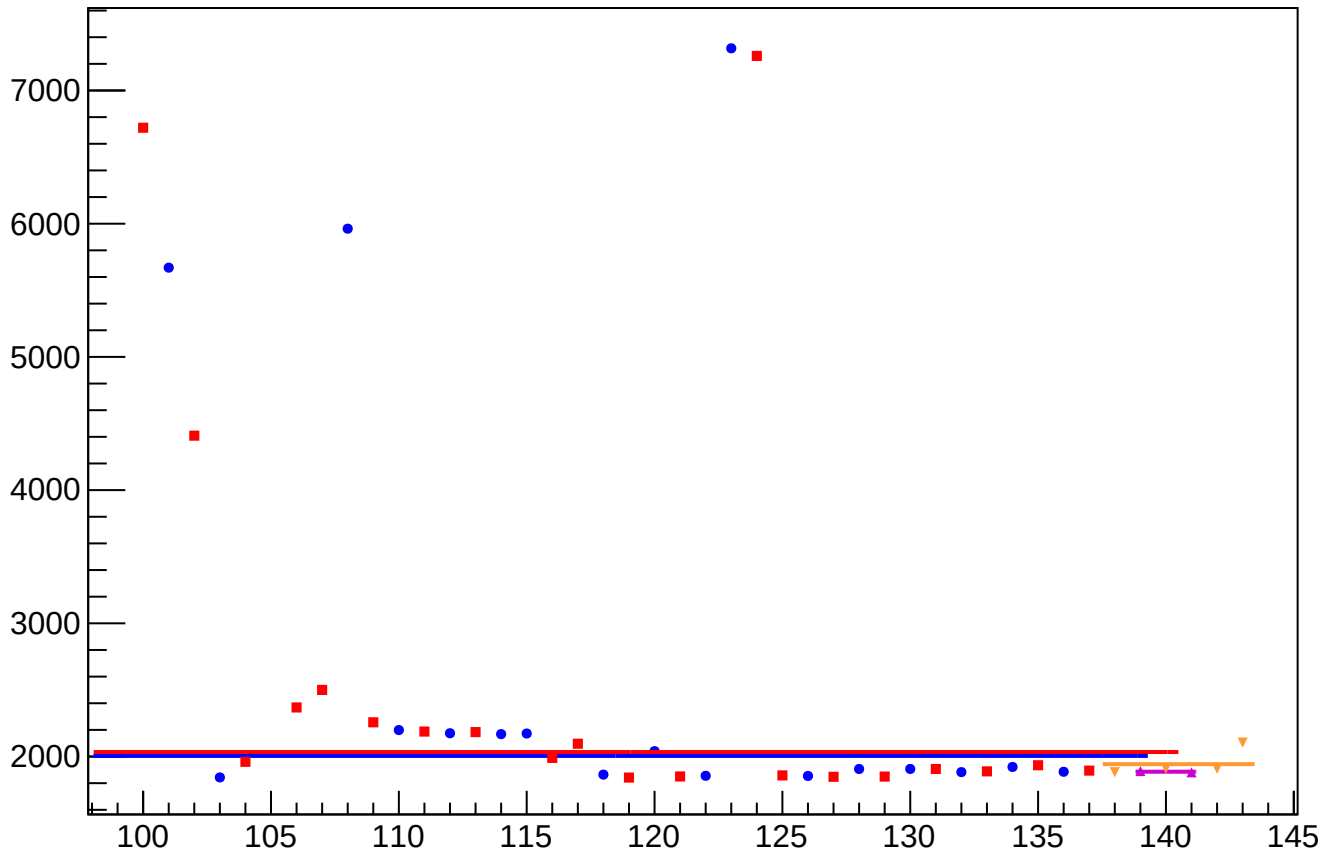
Left In: 3196.500 $\pm$ 1473.917 χ^2/NDF : 0.6/1

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

2311.562 $\pm$ 479.707 χ^2/NDF : 34.8/42

2031.450 $\pm$ 689.890 χ^2/NDF : 18.6/21

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

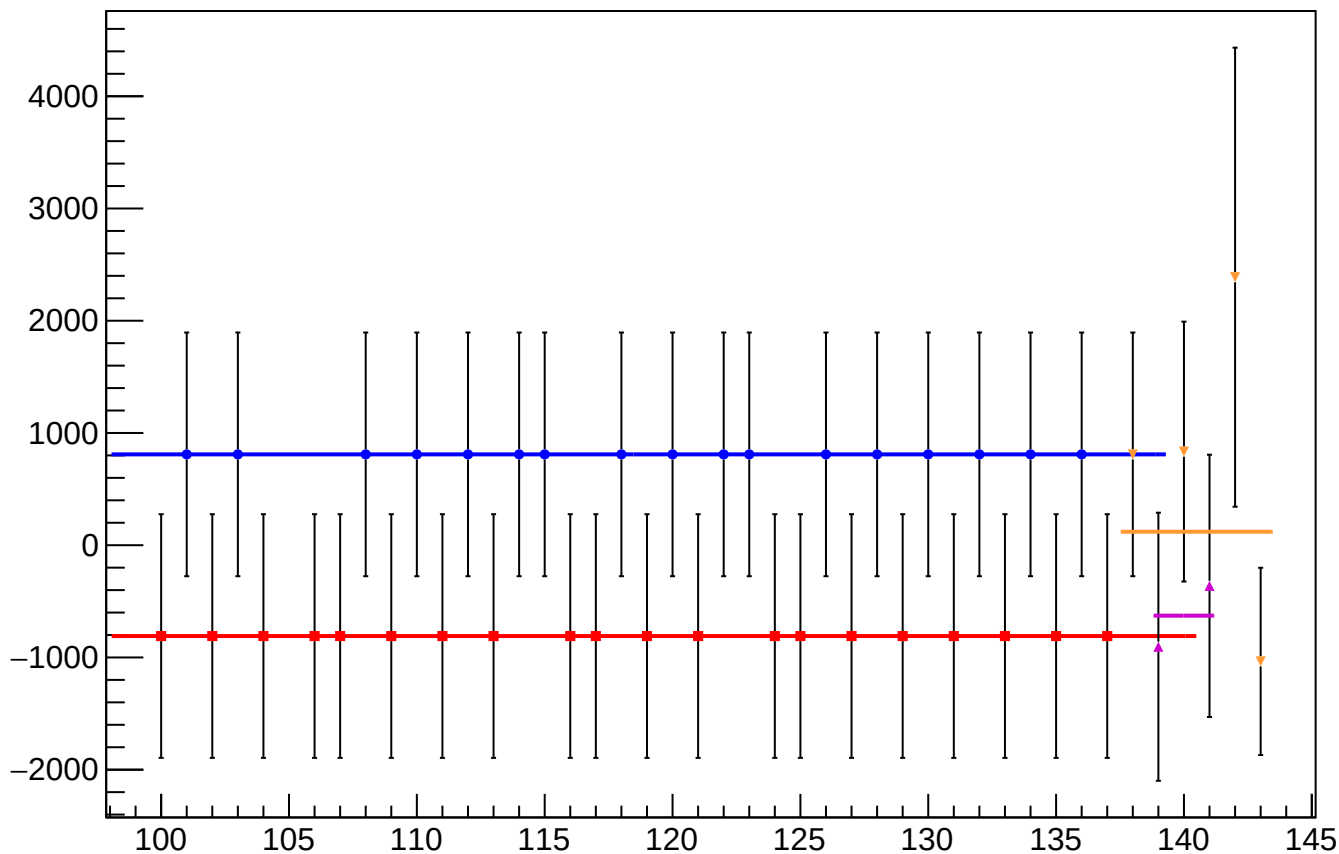
Left In: 1886.053+/-1.042 χ^2/NDF :20.5/1

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

1993.284+/-0.339 χ^2/NDF : 1557005.1/42

2001.458+/-0.488 χ^2/NDF : 626802.0/21

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 809.345+/-263.303 χ^2/NDF : 0.0/16

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

Right Out: -809.345+/-242.753 χ^2/NDF : 0.0/19

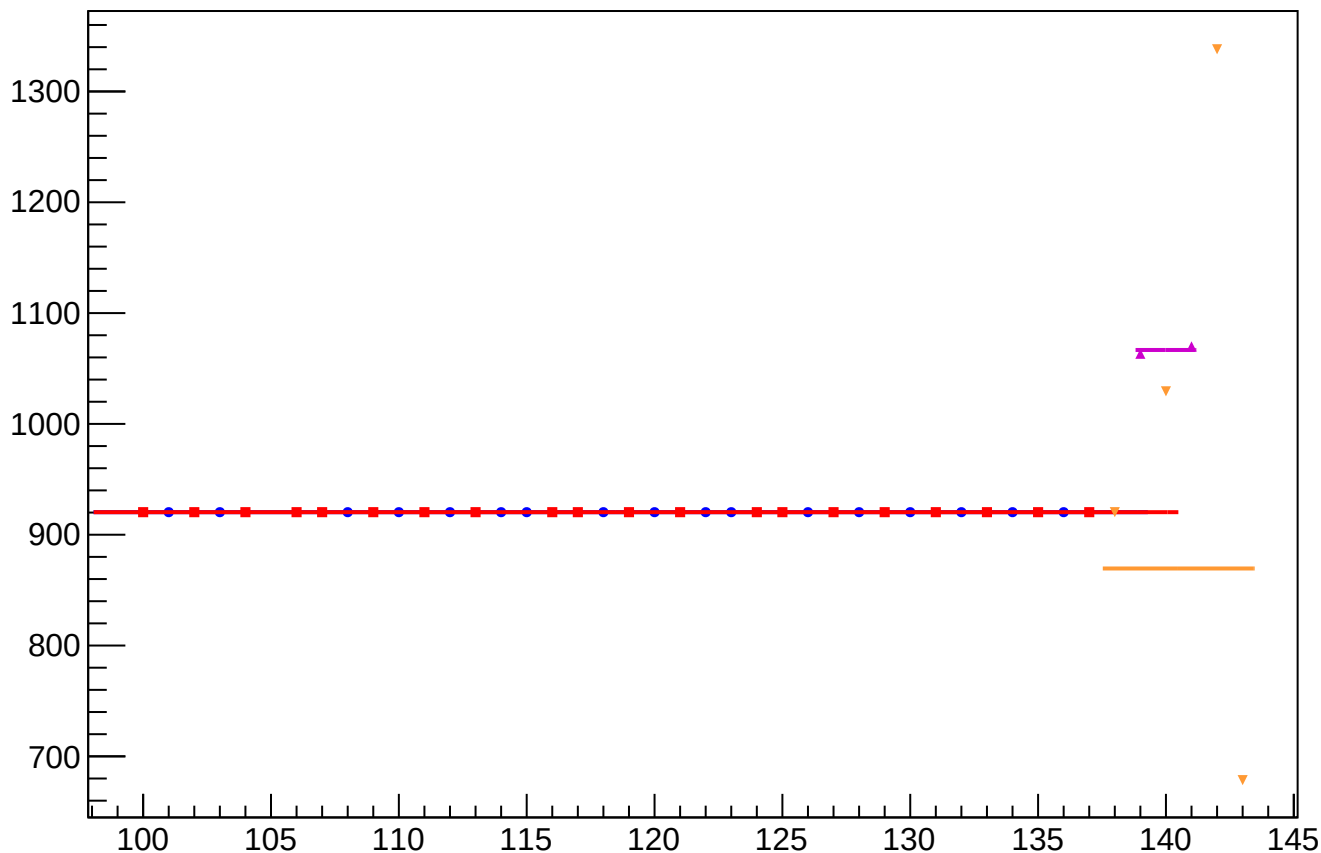
Left In: -627.555+/-835.279 χ^2/NDF : 0.1/1

681.939+/-237.727 χ^2/NDF : 5.2/20

-71.113+/-166.441 χ^2/NDF : 25.0/42

-795.186+/-233.108 χ^2/NDF : 0.1/21

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 920.346+/-0.186 χ^2/NDF : 0.0/16

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

Right Out: 920.346+/-0.172 χ^2/NDF : 0.0/19

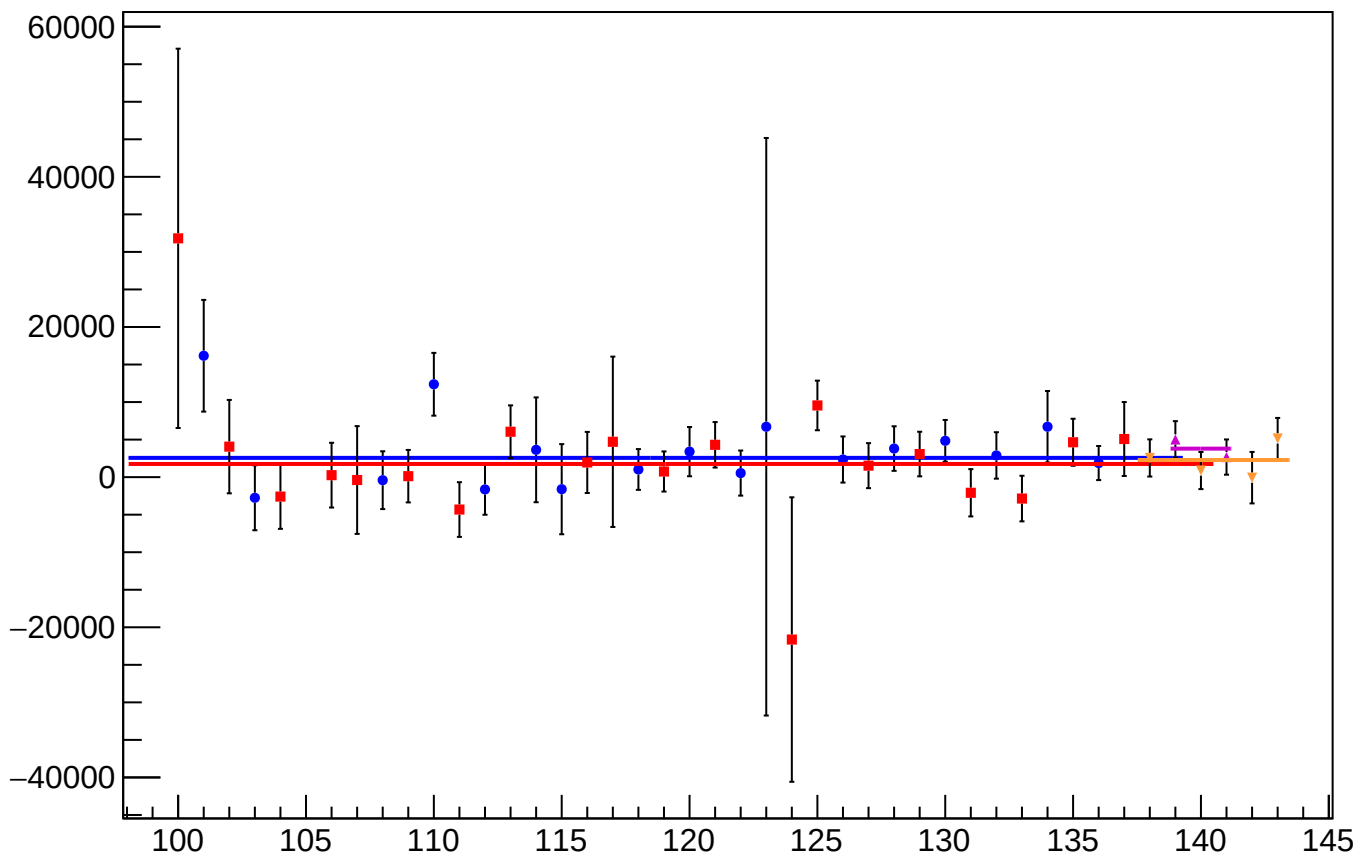
Left In: 1066.719+/-0.591 χ^2/NDF : 32.2/1

910.953+/-0.168 χ^2/NDF : 266114.4/20

921.554+/-0.118 χ^2/NDF : 330580.8/42

931.747+/-0.165 χ^2/NDF : 56665.7/21

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

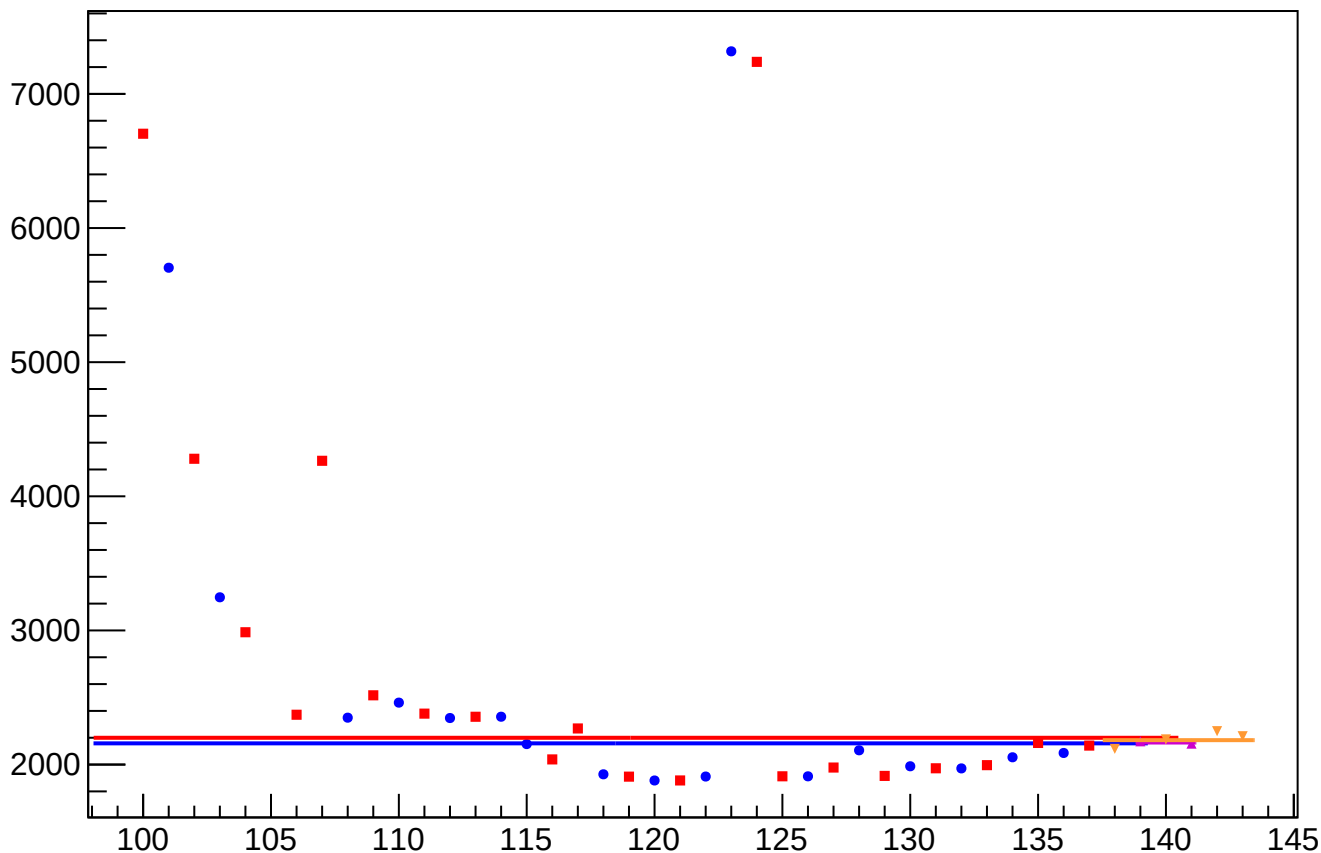
Left In: 3795.944 $\pm$ 1692.977 χ^2 /NDF: 0.5/1

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

2333.206 $\pm$ 524.069 χ^2 /NDF: 39.8/42

2166.017 $\pm$ 760.188 χ^2 /NDF: 22.2/21

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

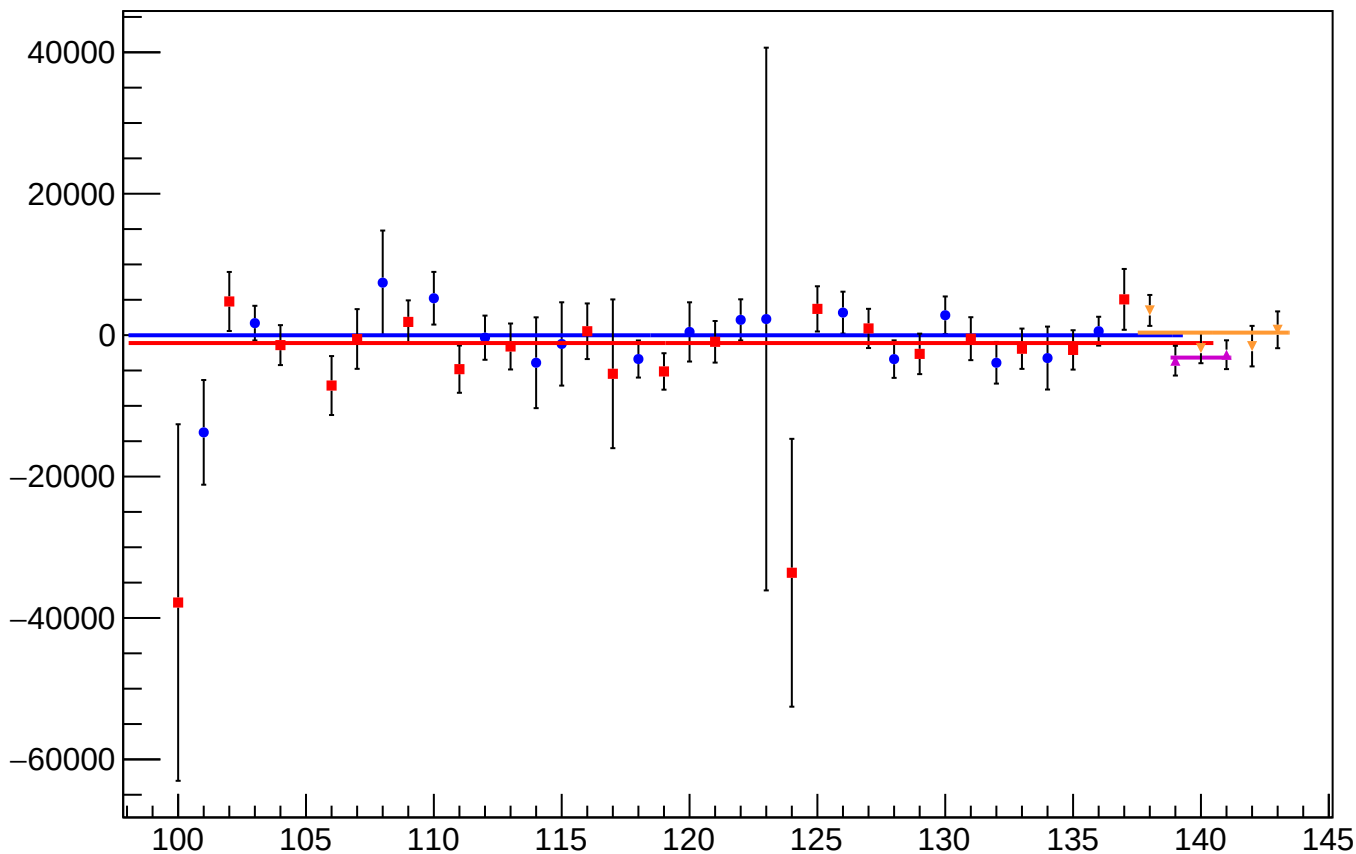
Left In: 2164.424 $\pm$ 1.197 χ^2 /NDF: 52.7/1

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

2178.105 $\pm$ 0.371 χ^2 /NDF: 1521903.6/42

2192.616 $\pm$ 0.538 χ^2 /NDF: 803844.8/21

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

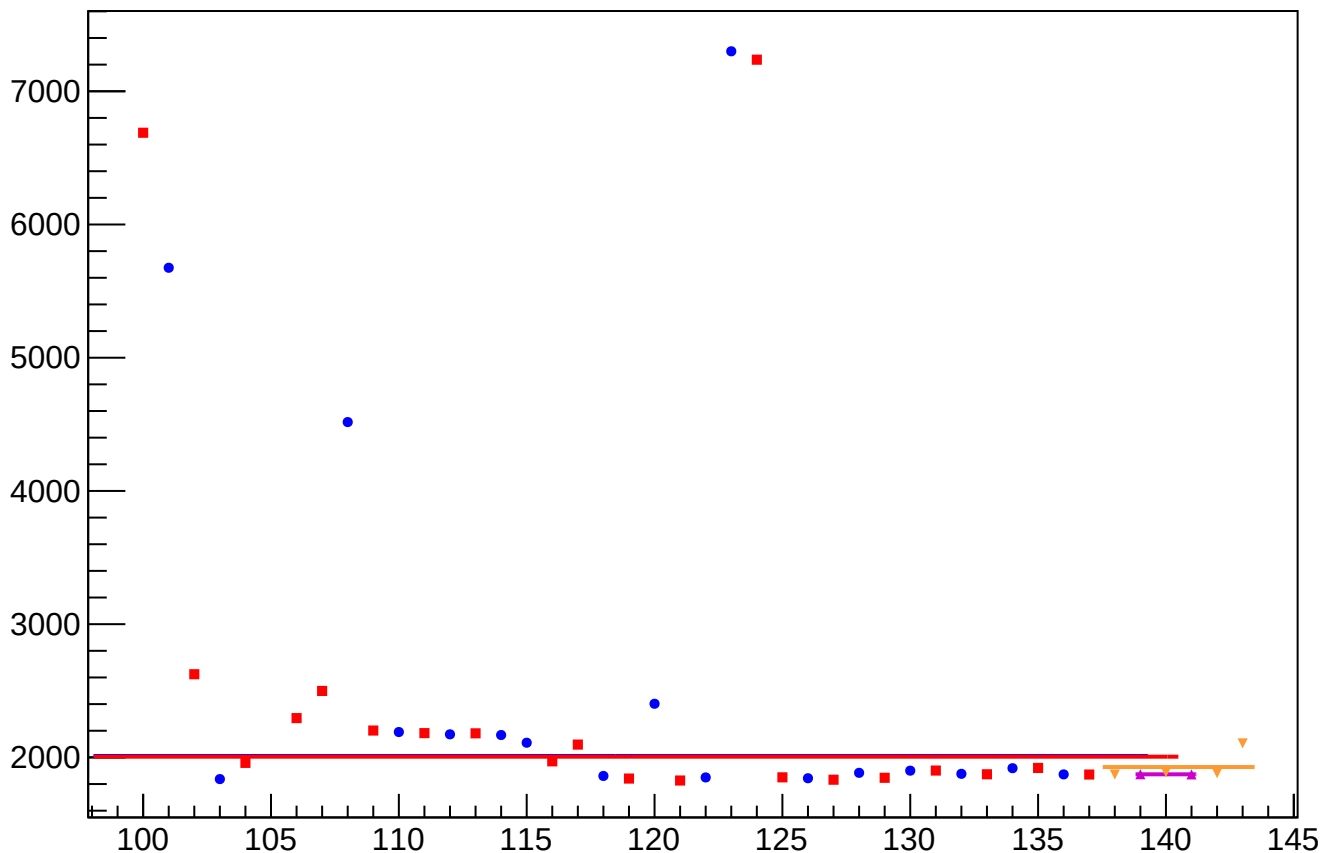
Left In: -3175.418 ± 1463.438 χ^2/NDF : 0.1/1

97.713 ± 665.894 χ^2/NDF : 19.5/20

-715.237 ± 475.703 χ^2/NDF : 43.7/42

-1562.533 ± 679.815 χ^2/NDF : 21.2/21

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

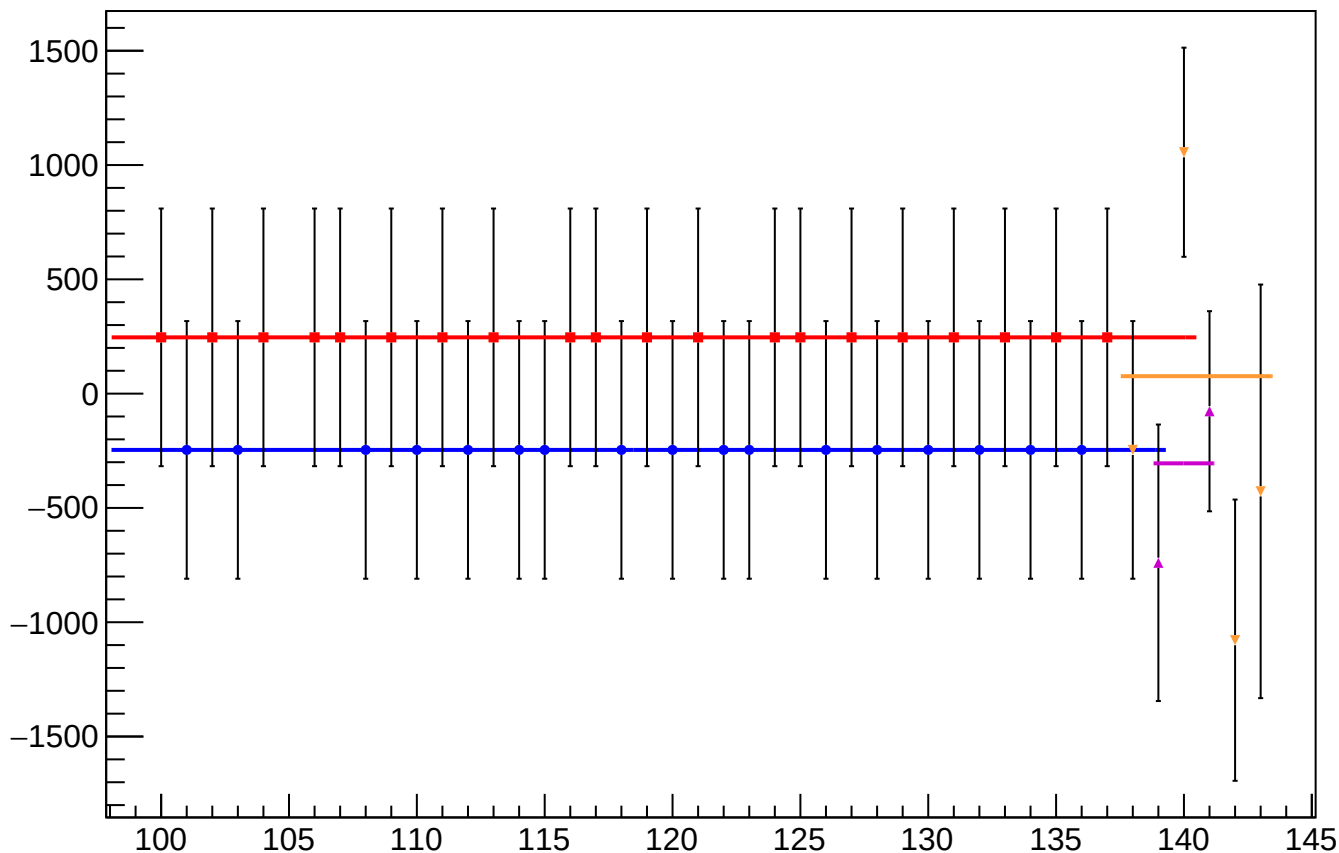
Left In: 1872.998+/-1.035 χ^2/NDF : 0.3/1

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

1980.830+/-0.336 χ^2/NDF : 1238829.0/42

1976.805+/-0.481 χ^2/NDF : 380495.2/21

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: -246.217 ± 136.686 χ^2/NDF : 0.0/16

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

Right Out: 246.217 ± 126.019 χ^2/NDF : 0.0/19

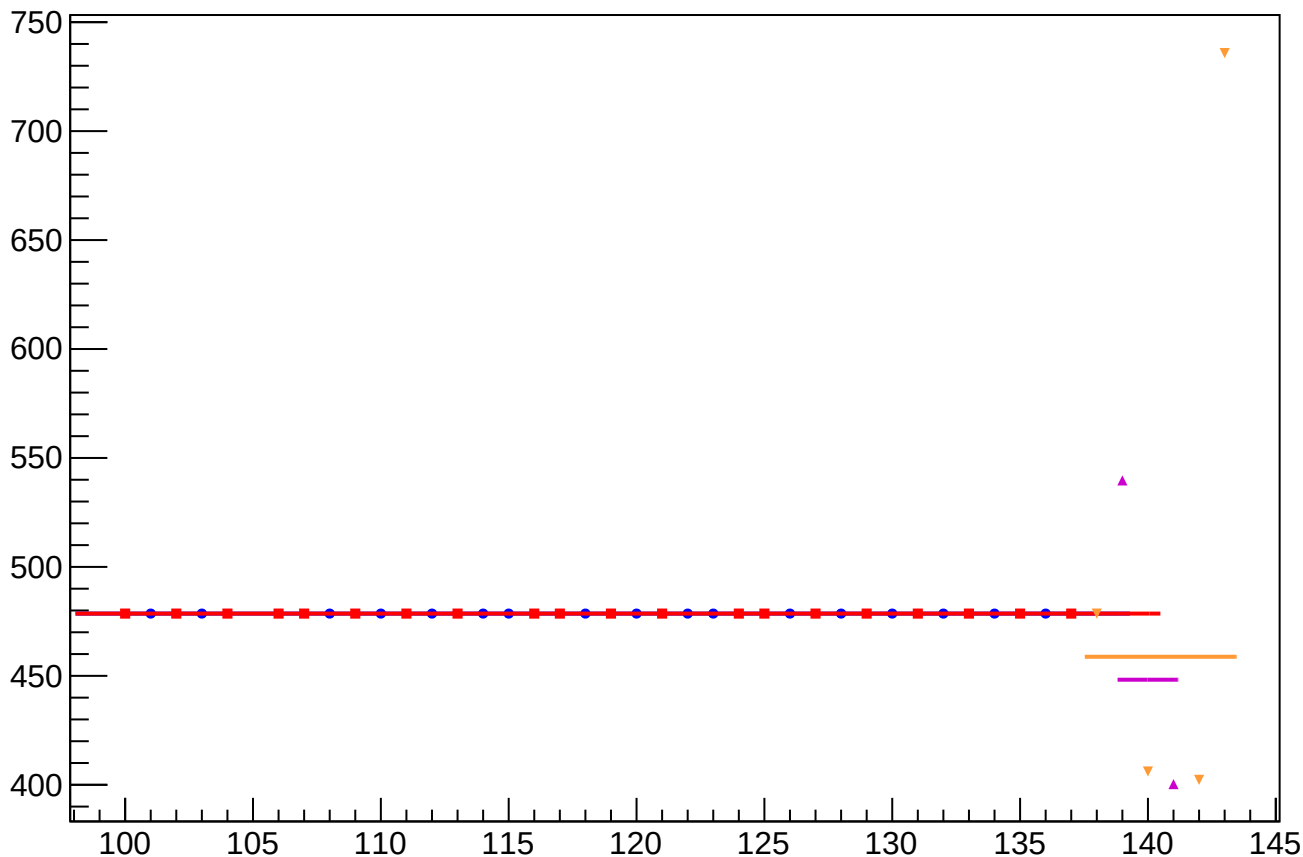
Left In: -304.952 ± 354.589 χ^2/NDF : 0.8/1

-187.998 ± 123.734 χ^2/NDF : 9.8/20

5.868 ± 85.674 χ^2/NDF : 17.4/42

184.408 ± 118.743 χ^2/NDF : 2.9/21

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 478.577 $\pm$ 0.097 χ^2 /NDF: 0.0/16

Left Out: 458.762 $\pm$ 0.206 χ^2 /NDF: 233420.5/3

Right Out: 478.577 $\pm$ 0.089 χ^2 /NDF: 0.0/19

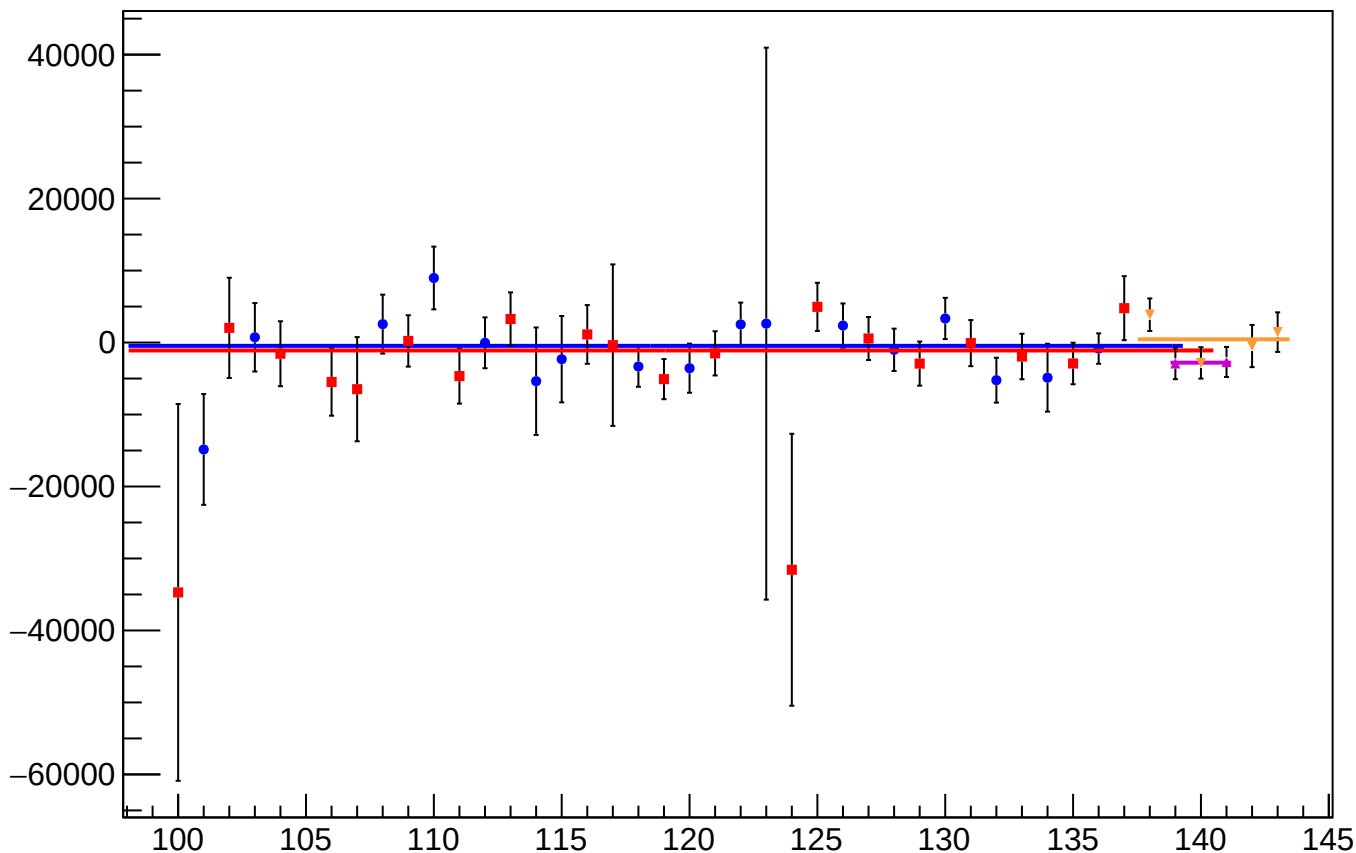
Left In: 448.227 $\pm$ 0.251 χ^2 /NDF: 69716.2/1

475.000 $\pm$ 0.087 χ^2 /NDF: 241008.7/20

475.090 $\pm$ 0.061 χ^2 /NDF: 323735.7/42

475.174 $\pm$ 0.084 χ^2 /NDF: 82724.9/21

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

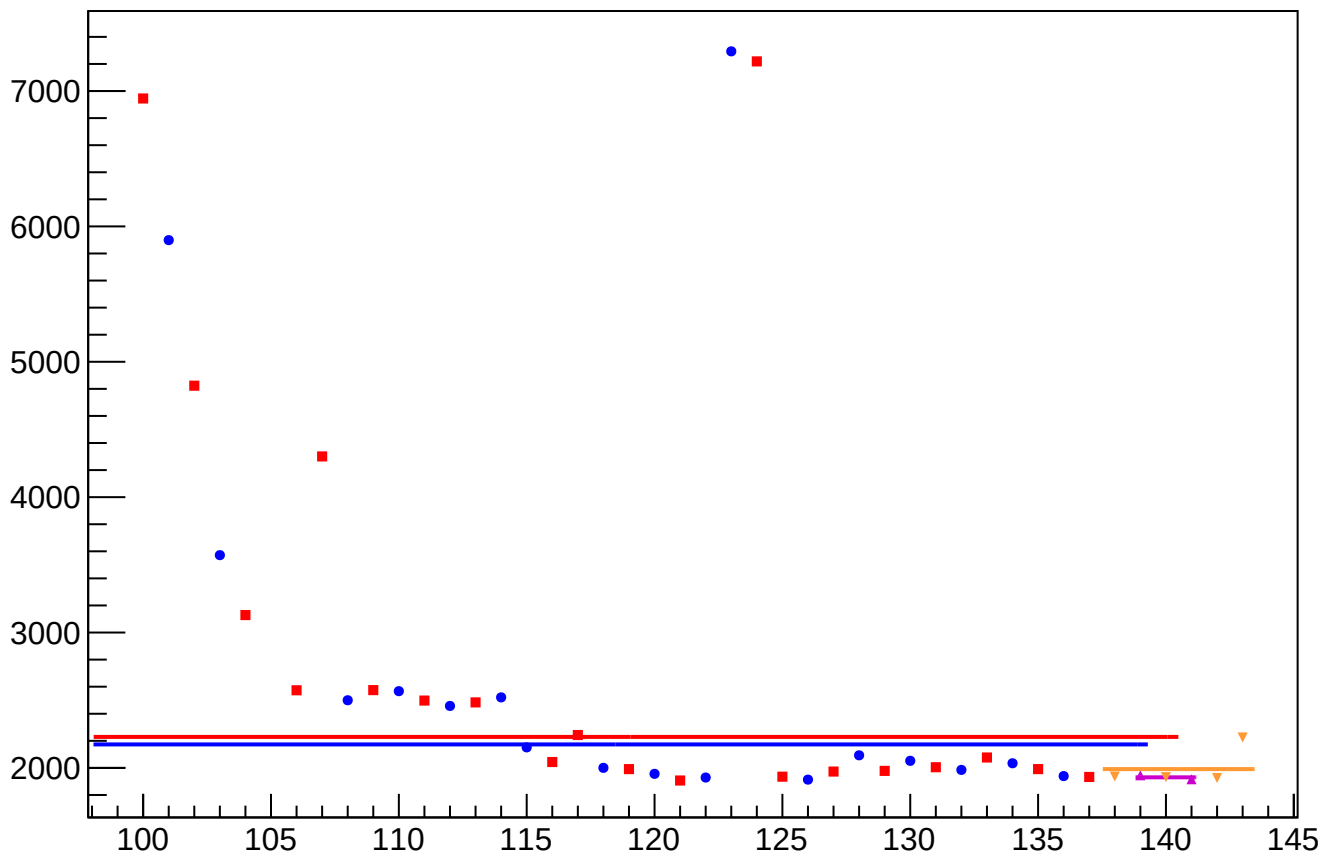
Left In: -2794.247 ± 1508.268 χ^2/NDF : 0.0/1

-158.794 ± 708.908 χ^2/NDF : 23.2/20

-800.514 ± 515.216 χ^2/NDF : 42.8/42

-1518.946 ± 750.085 χ^2/NDF : 17.9/21

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1991.209+/-0.874 χ^2/NDF : 18095.5/3

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

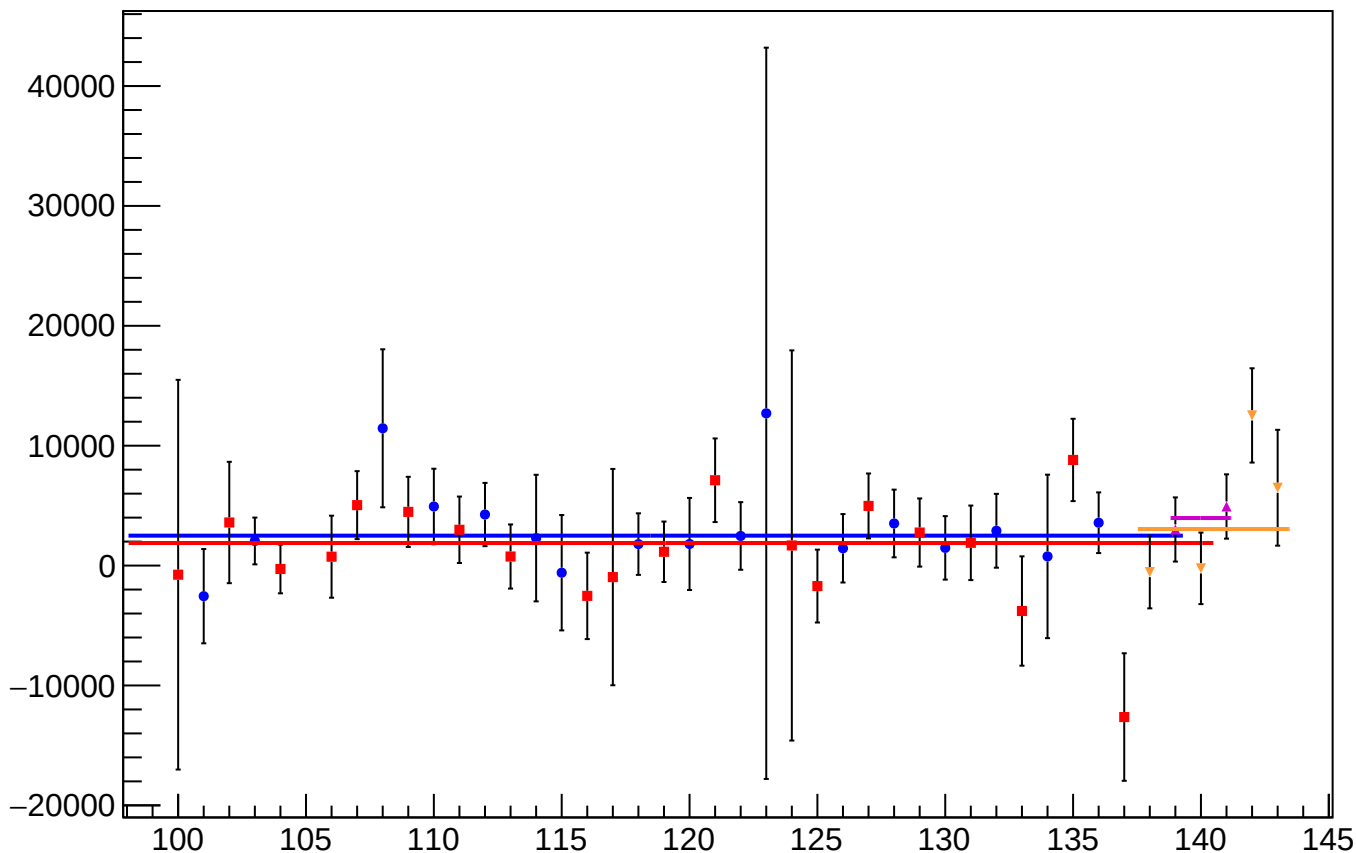
Left In: 1930.393+/-1.067 χ^2/NDF : 187.9/1

2113.622+/-0.501 χ^2/NDF : 852640.8/20

2133.206+/-0.364 χ^2/NDF : 1810924.8/42

2155.130+/-0.530 χ^2/NDF : 955049.1/21

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2496.610 ± 768.295 χ^2/NDF : 5.9/16

Left Out: 3048.914 ± 1743.471 χ^2/NDF : 8.9/3

Right Out: 1883.997 ± 734.348 χ^2/NDF : 23.6/19

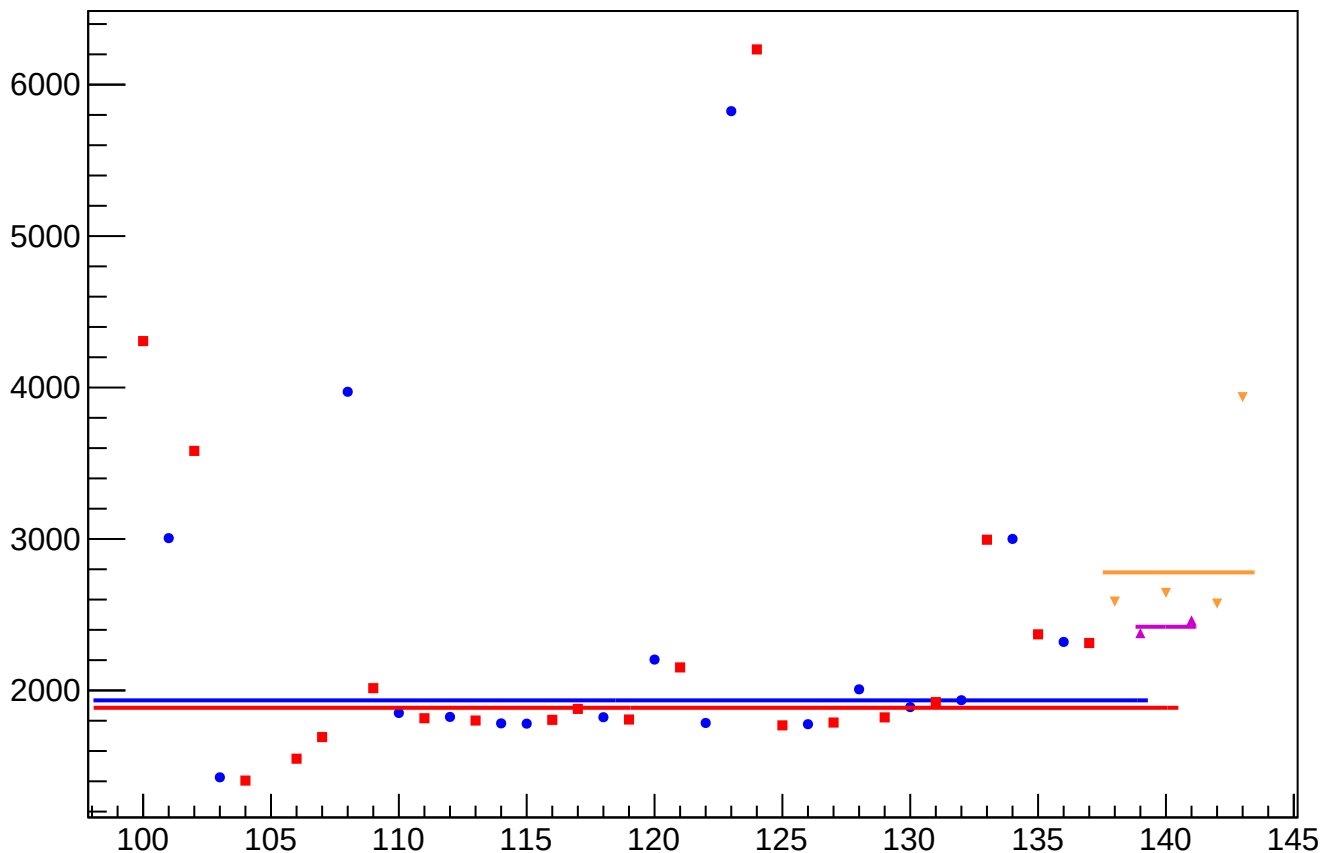
Left In: 3966.606 ± 1894.624 χ^2/NDF : 0.3/1

2586.421 ± 703.058 χ^2/NDF : 14.9/20

2365.525 ± 490.523 χ^2/NDF : 40.0/42

2156.005 ± 684.715 χ^2/NDF : 24.9/21

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1934.404+/-0.543 χ^2/NDF : 638920.4/16

Left Out: 2779.389+/-1.233 χ^2/NDF : 132477.3/3

Right Out: 1885.498+/-0.519 χ^2/NDF : 752093.1/19

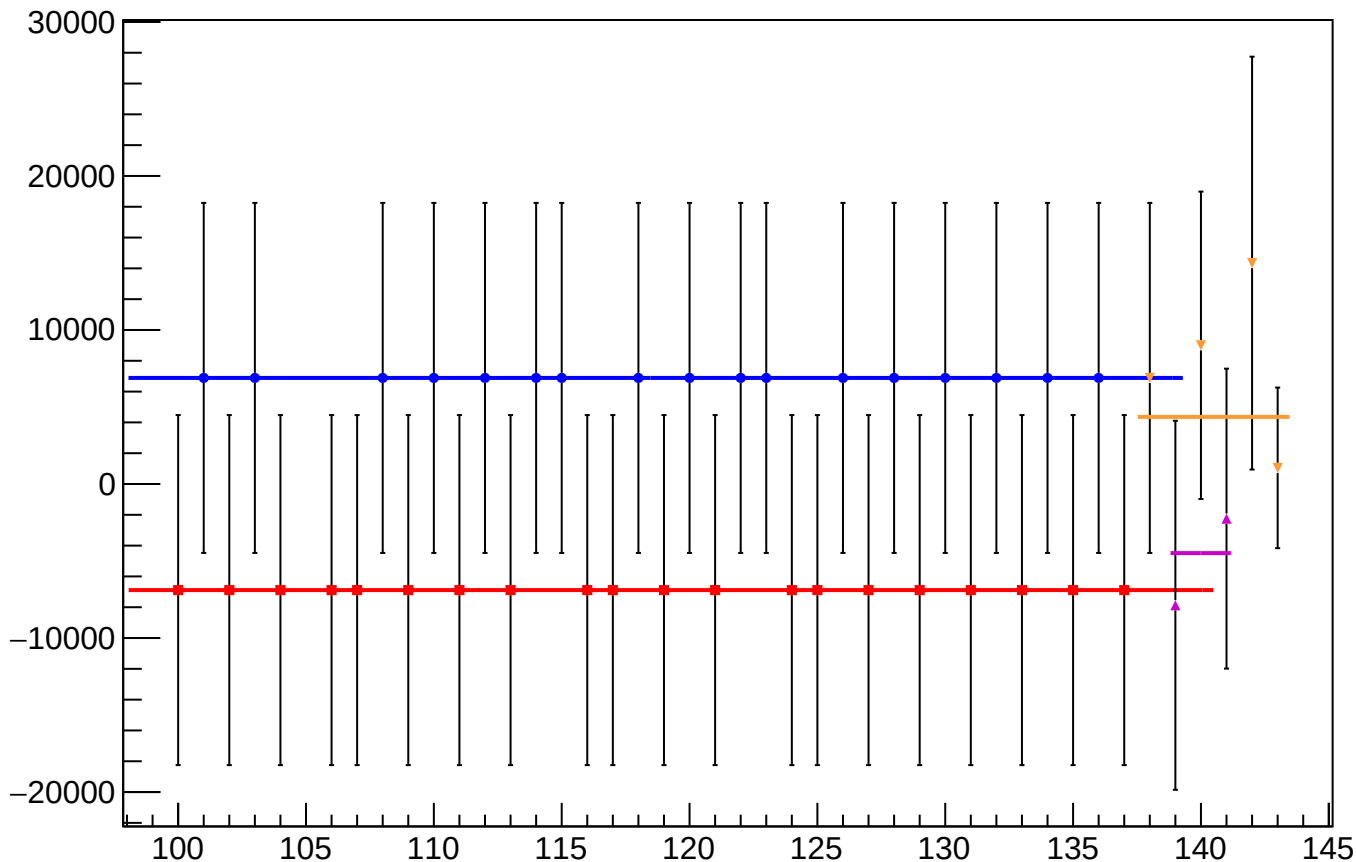
Left In: 2420.496+/-1.340 χ^2/NDF : 1001.9/1

2071.809+/-0.497 χ^2/NDF : 1164789.4/20

2012.032+/-0.347 χ^2/NDF : 2084703.0/42

1955.352+/-0.484 χ^2/NDF : 891746.3/21

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 6887.405 $\pm$ 2755.932 χ^2/NDF : 0.0/16

Left Out: 4357.503 $\pm$ 4076.986 χ^2/NDF : 1.2/3

Right Out: -6887.405 $\pm$ 2540.843 χ^2/NDF : 0.0/19

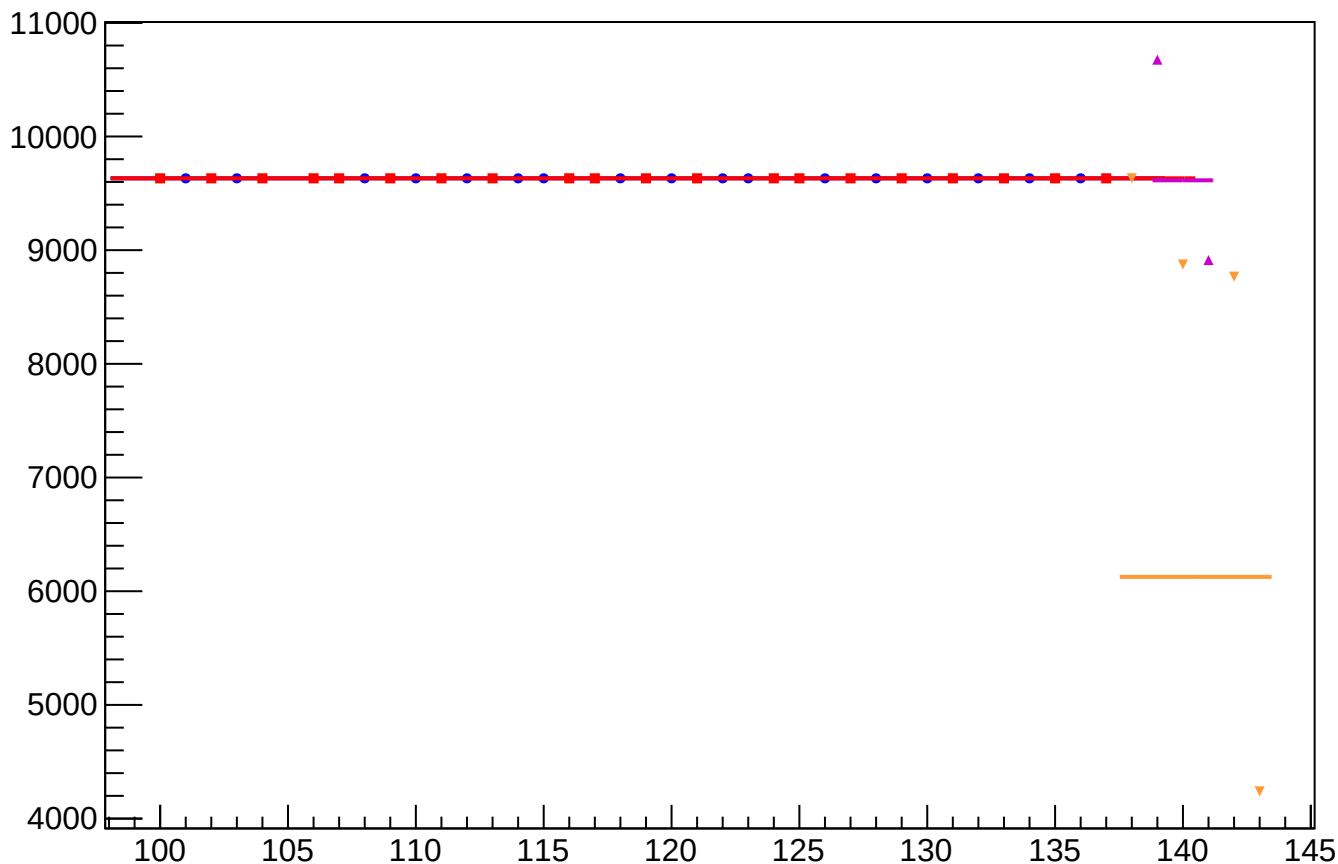
Left In: -4486.442 $\pm$ 7555.350 χ^2/NDF : 0.1/1

6093.953 $\pm$ 2283.220 χ^2/NDF : 1.5/20

64.614 $\pm$ 1656.937 χ^2/NDF : 16.4/42

-6643.456 $\pm$ 2408.306 χ^2/NDF : 0.2/21

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 9631.878+/-1.949 χ^2/NDF : 0.0/16

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

Right Out: 9631.878+/-1.797 χ^2/NDF : 0.0/19

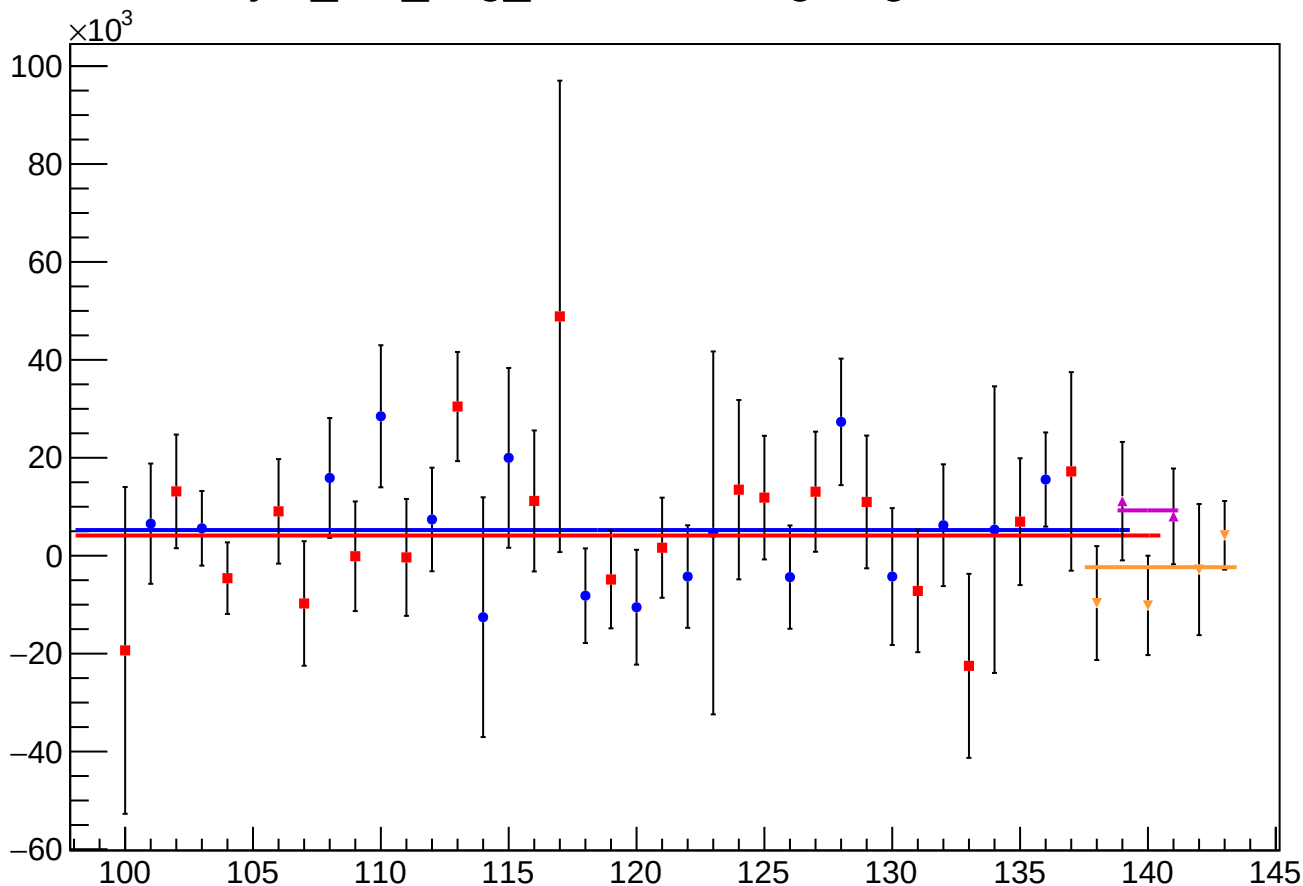
Left In: 9614.395+/-5.342 χ^2/NDF : 26080.8/1

8532.357+/-1.614 χ^2/NDF : 1696723.7/20

9051.982+/-1.172 χ^2/NDF : 1941653.5/42

9630.101+/-1.703 χ^2/NDF : 26090.4/21

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -2343.984 $\pm$ 4819.520 χ^2 /NDF: 1.9/3

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

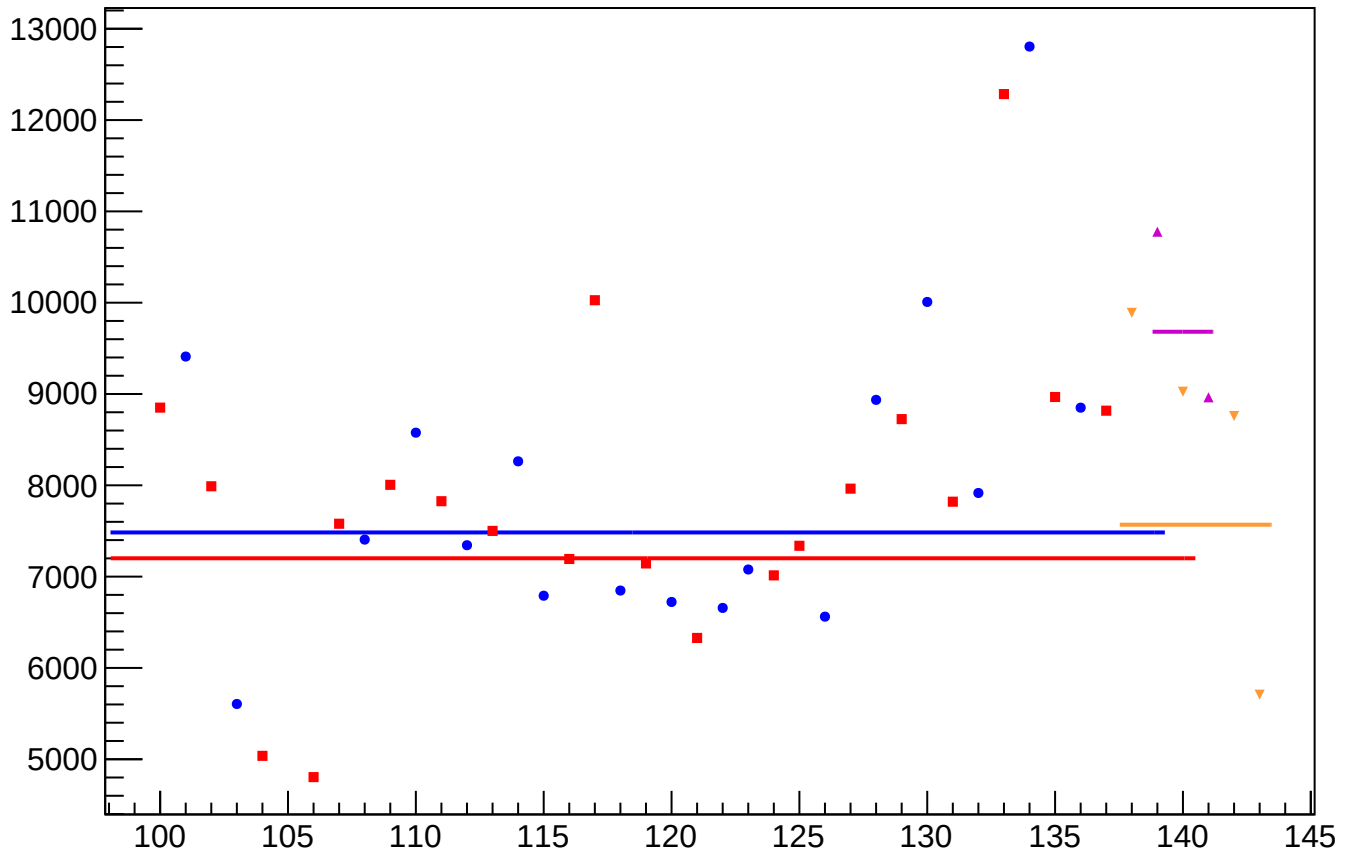
Left In: 9255.467 $\pm$ 7609.885 χ^2 /NDF: 0.0/1

3175.866 $\pm$ 2513.699 χ^2 /NDF: 18.1/20

3923.166 $\pm$ 1812.533 χ^2 /NDF: 35.2/42

4732.516 $\pm$ 2615.976 χ^2 /NDF: 16.9/21

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

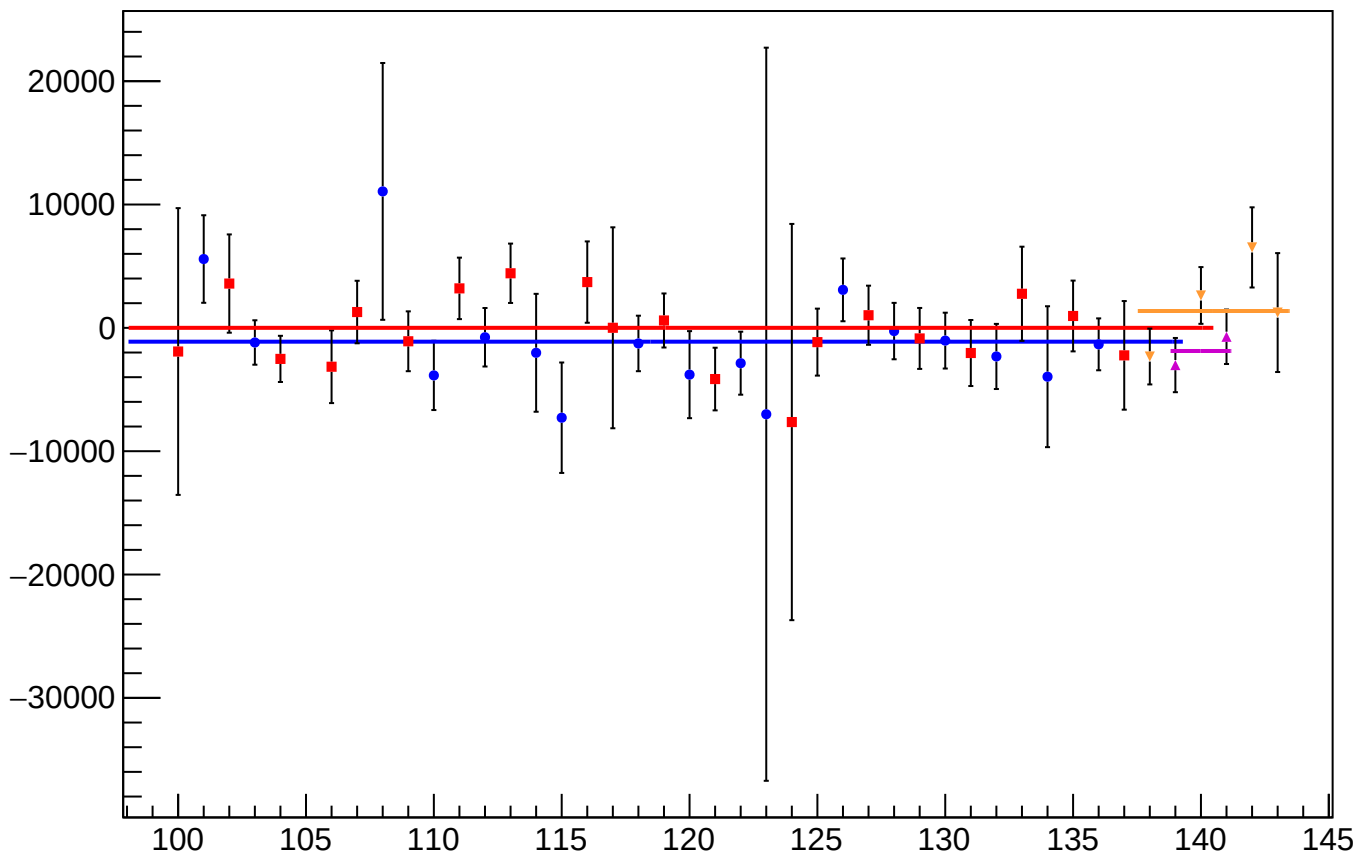
Left In: 9681.755 $\pm$ 5.381 χ^2/NDF : 27166.9/1

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

7500.683 $\pm$ 1.282 χ^2/NDF : 1490284.8/42

7494.037 $\pm$ 1.850 χ^2/NDF : 780273.4/21

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -1120.496+/-679.161 χ^2/NDF : 12.3/16

Left Out: 1366.614+/-1384.254 χ^2/NDF : 5.5/3

Right Out: 2.535+/-637.715 χ^2/NDF : 15.5/19

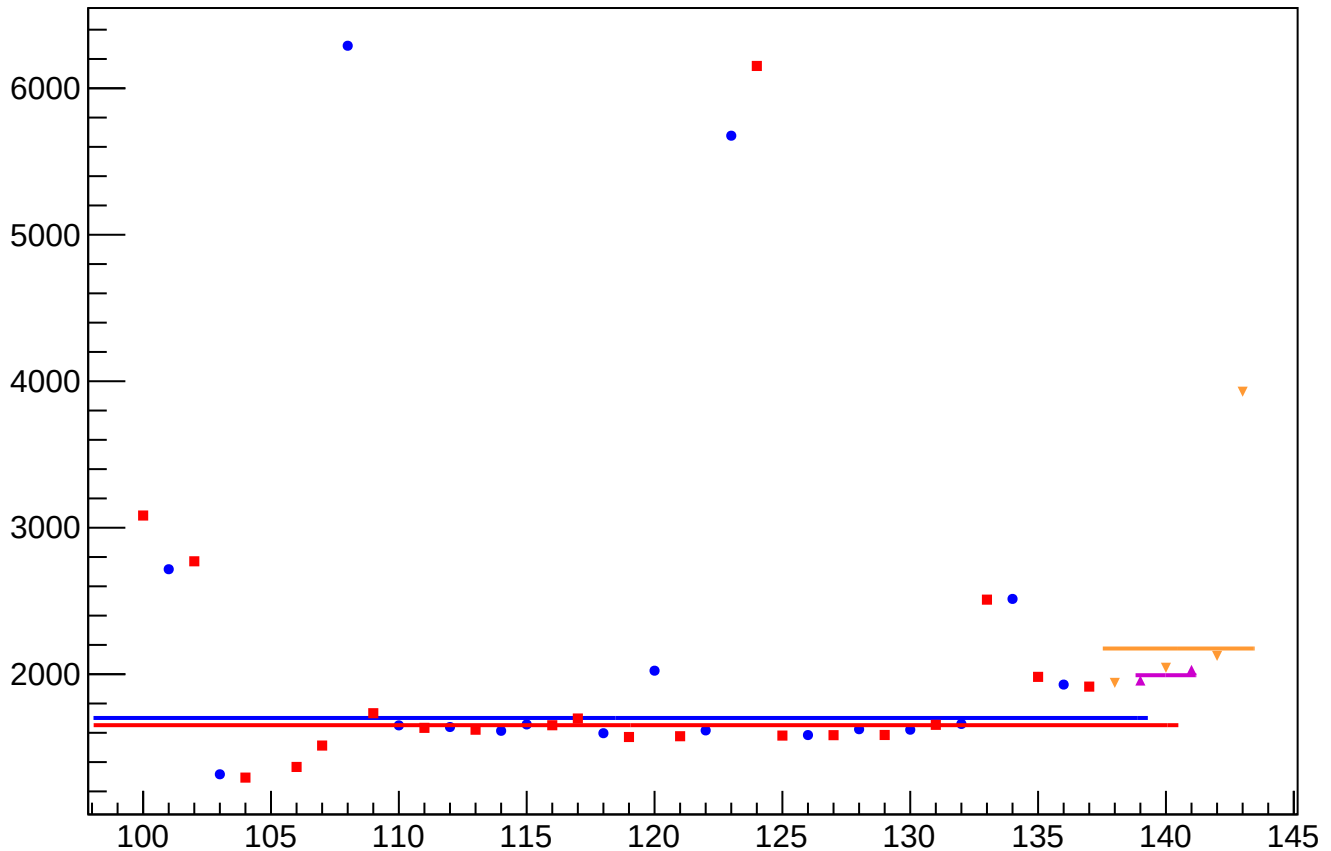
Left In: -1875.703+/-1558.099 χ^2/NDF : 0.5/1

-637.954+/-609.728 χ^2/NDF : 20.3/20

-446.419+/-424.068 χ^2/NDF : 37.8/42

-266.960+/-590.194 χ^2/NDF : 17.3/21

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1701.283+/-0.480 χ^2/NDF : 778718.7/16

Left Out: 2175.421+/-0.979 χ^2/NDF : 293005.4/3

Right Out: 1652.015+/-0.451 χ^2/NDF : 588905.2/19

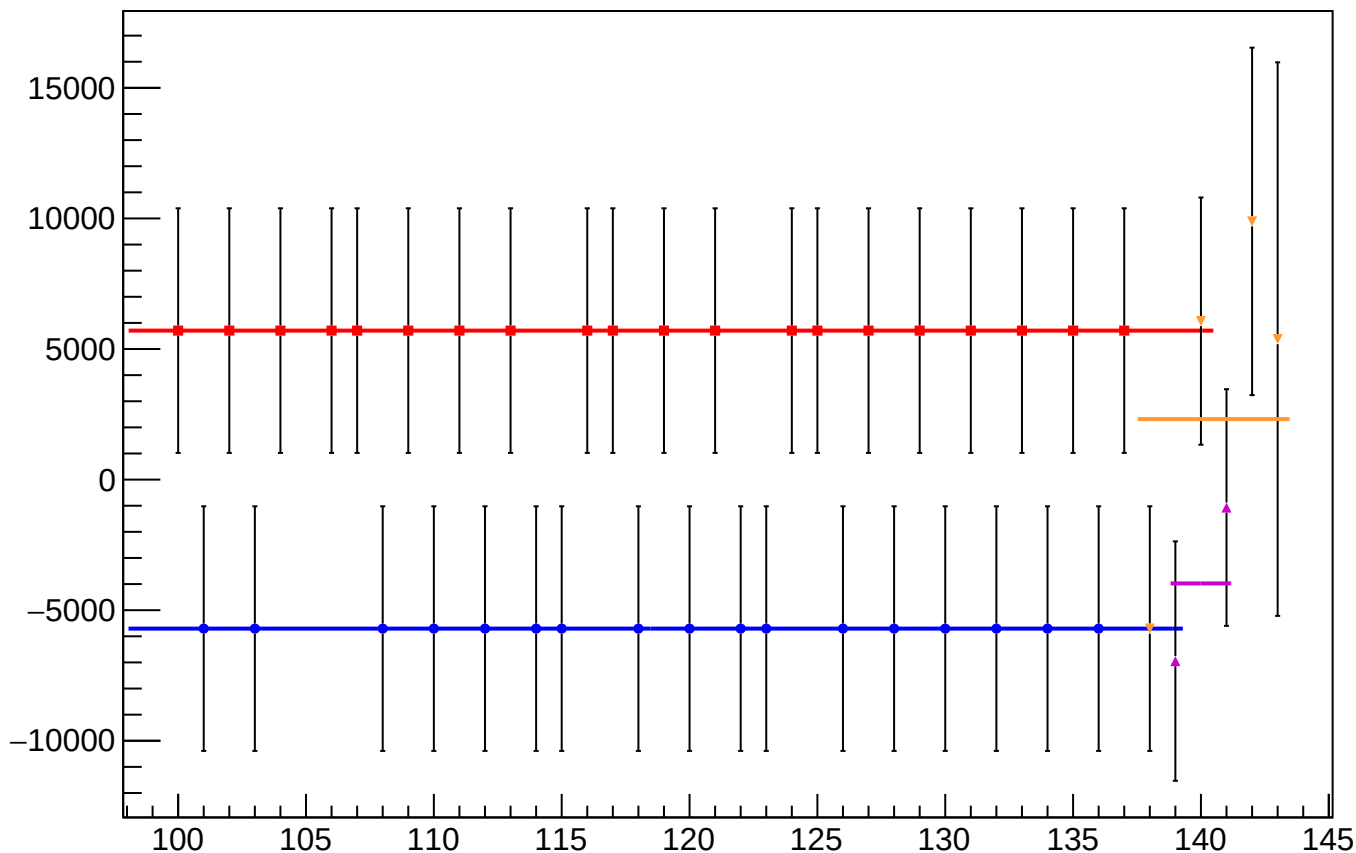
Left In: 1993.128+/-1.102 χ^2/NDF : 1089.2/1

1793.273+/-0.431 χ^2/NDF : 1260842.7/20

1745.614+/-0.300 χ^2/NDF : 1956611.9/42

1700.959+/-0.417 χ^2/NDF : 672100.1/21

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -5705.463 $\pm$ 1135.931 χ^2 /NDF: 0.0/16

Left Out: 2317.819 $\pm$ 2866.211 χ^2 /NDF:4.9/3

Right Out: 5705.463 $\pm$ 1047.276 χ^2 /NDF: 0.0/19

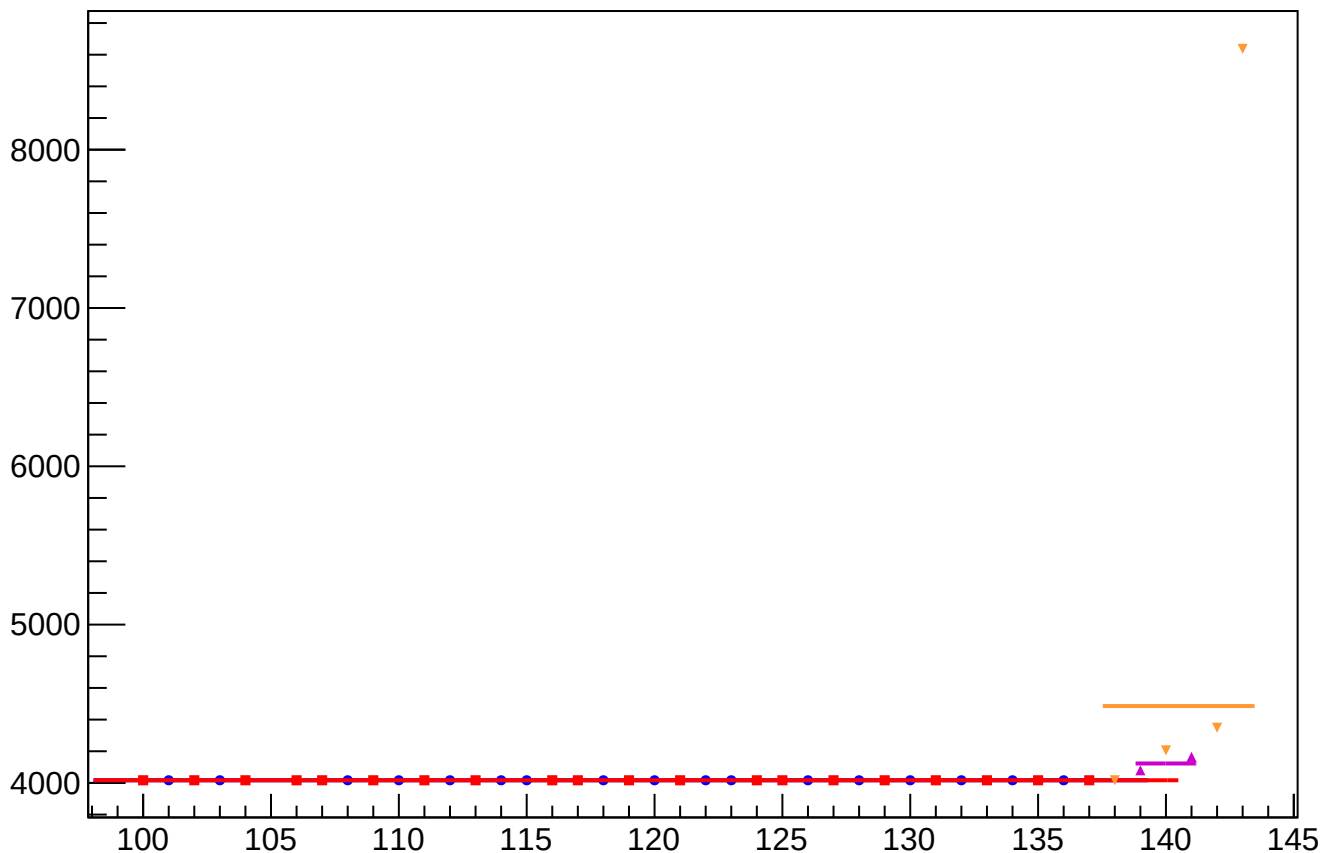
Left In: -3975.202 $\pm$ 3222.683 χ^2 /NDF:0.8/1

-4616.331 $\pm$ 1056.021 χ^2 /NDF: 11.7/20

356.832 $\pm$ 724.570 χ^2 /NDF: 62.6/42

4780.781 $\pm$ 996.004 χ^2 /NDF: 9.0/21

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 4016.698 $\pm$ 0.803 χ^2 /NDF: 0.0/16

Left Out: 4485.528 $\pm$ 2.027 χ^2 /NDF:334754.4/3

Right Out: 4016.698 $\pm$ 0.741 χ^2 /NDF: 0.0/19

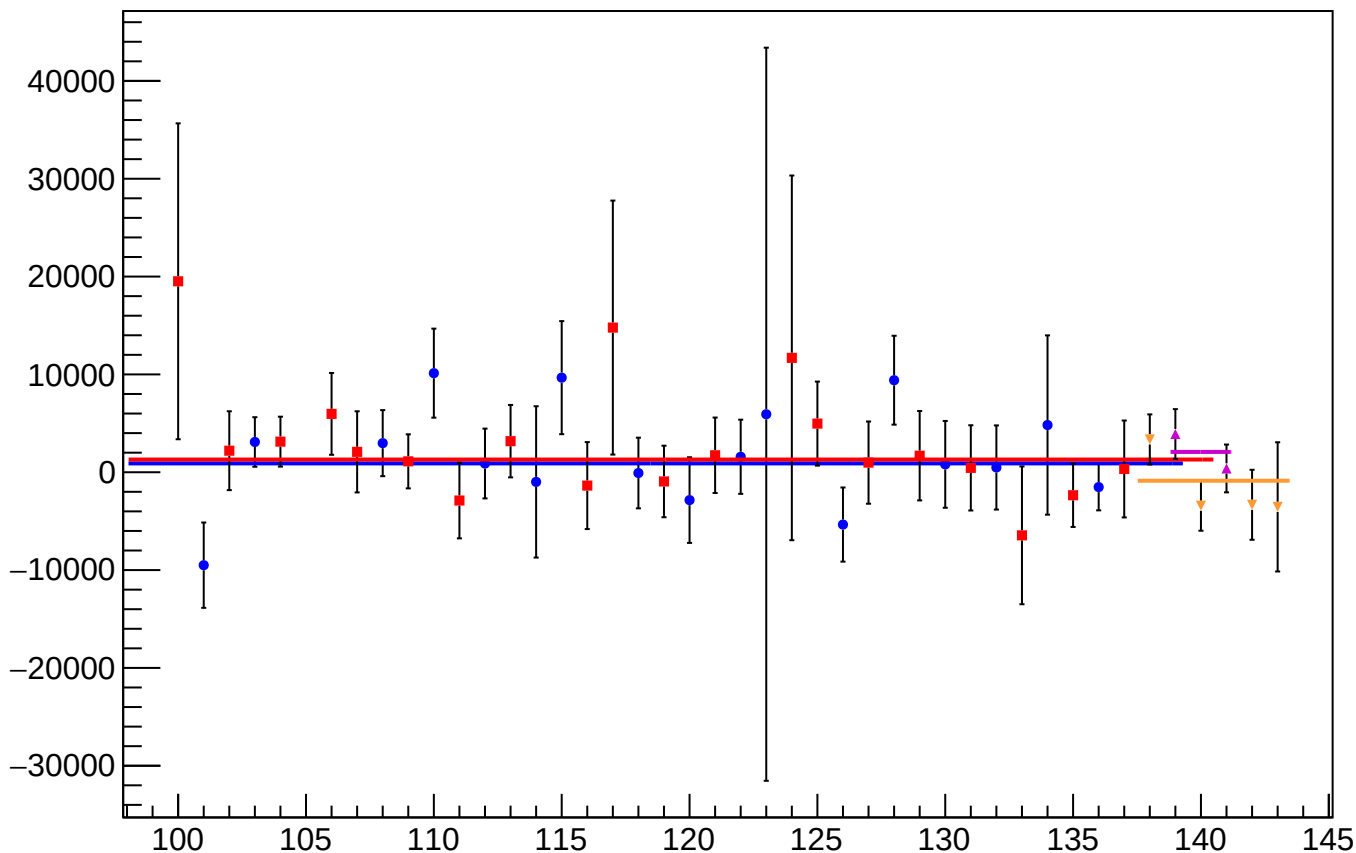
Left In: 4122.752 $\pm$ 2.279 χ^2 /NDF:346.9/1

4080.340 $\pm$ 0.747 χ^2 /NDF: 381001.5/20

4052.021 $\pm$ 0.512 χ^2 /NDF: 386025.3/42

4026.828 $\pm$ 0.704 χ^2 /NDF: 2306.0/21

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 903.274+/-961.918 χ^2/NDF : 21.6/16

Left Out: -867.562+/-1567.973 χ^2/NDF : 4.4/3

Right Out: 1299.511+/-922.689 χ^2/NDF : 10.0/19

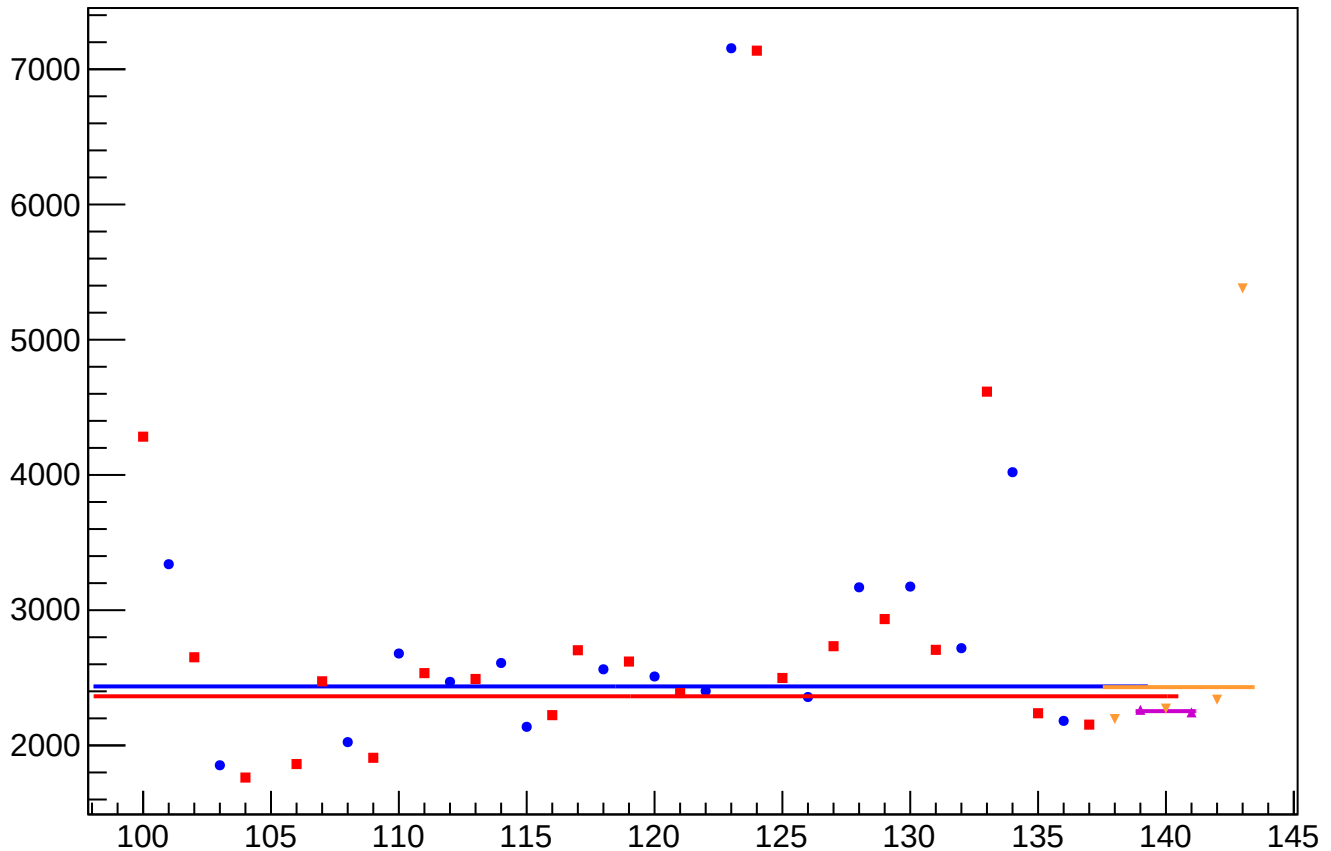
Left In: 2077.237+/-1761.552 χ^2/NDF : 1.0/1

419.050+/-819.922 χ^2/NDF : 26.9/20

944.644+/-578.862 χ^2/NDF : 38.8/42

1466.949+/-817.353 χ^2/NDF : 11.1/21

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2431.042 $\pm$ 1.109 χ^2/NDF : 424822.1/3

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

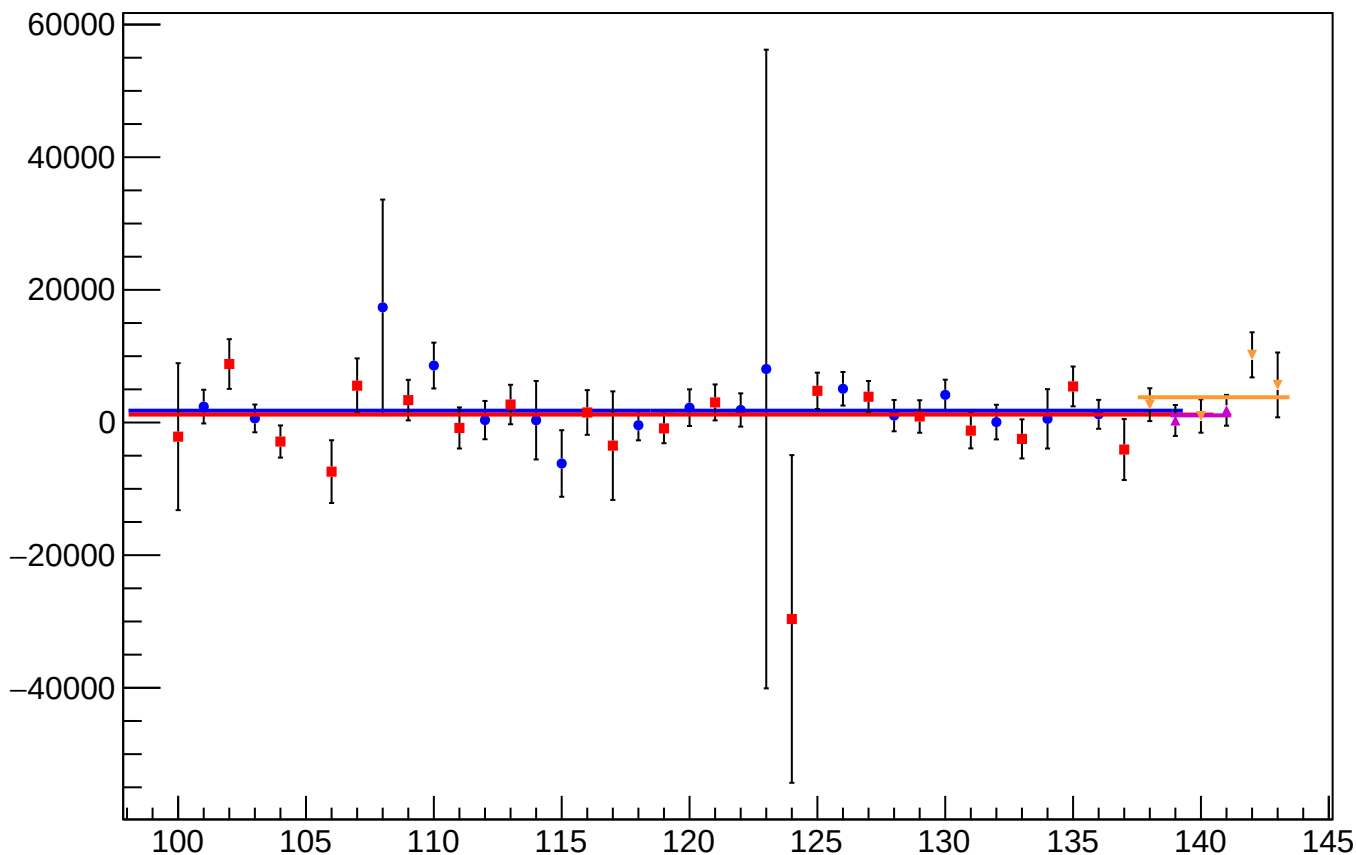
Left In: 2253.515 $\pm$ 1.246 χ^2/NDF : 56.2/1

2434.830 $\pm$ 0.580 χ^2/NDF : 893390.5/20

2387.093 $\pm$ 0.409 χ^2/NDF : 1570287.5/42

2339.655 $\pm$ 0.578 χ^2/NDF : 663380.3/21

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

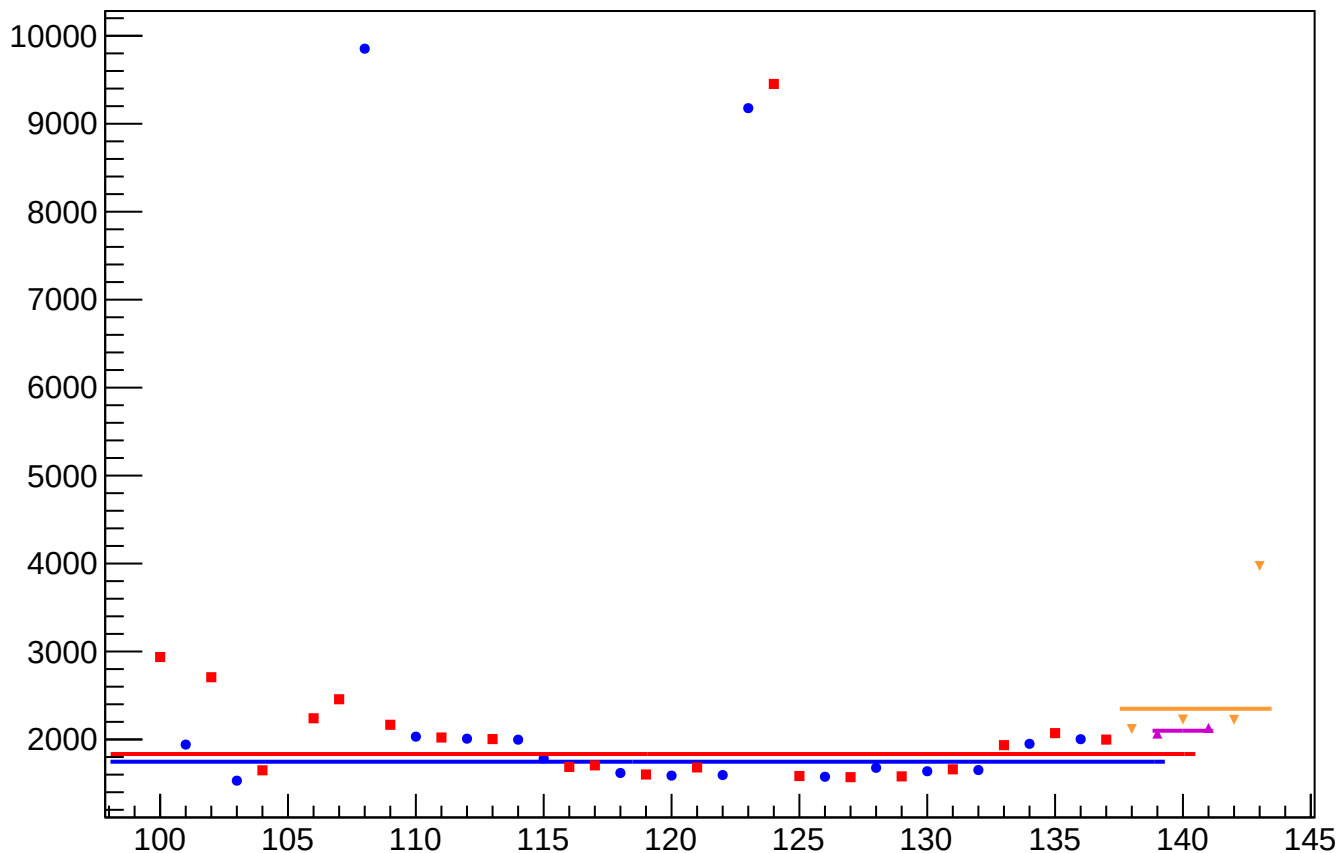
Left In: 1078.064+/-1644.122 χ^2/NDF : 0.2/1

2144.908+/-629.511 χ^2/NDF : 19.1/20

1674.813+/-451.641 χ^2/NDF : 45.0/42

1176.178+/-648.339 χ^2/NDF : 24.8/21

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2348.913 $\pm$ 1.055 χ^2 /NDF: 245183.1/3

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

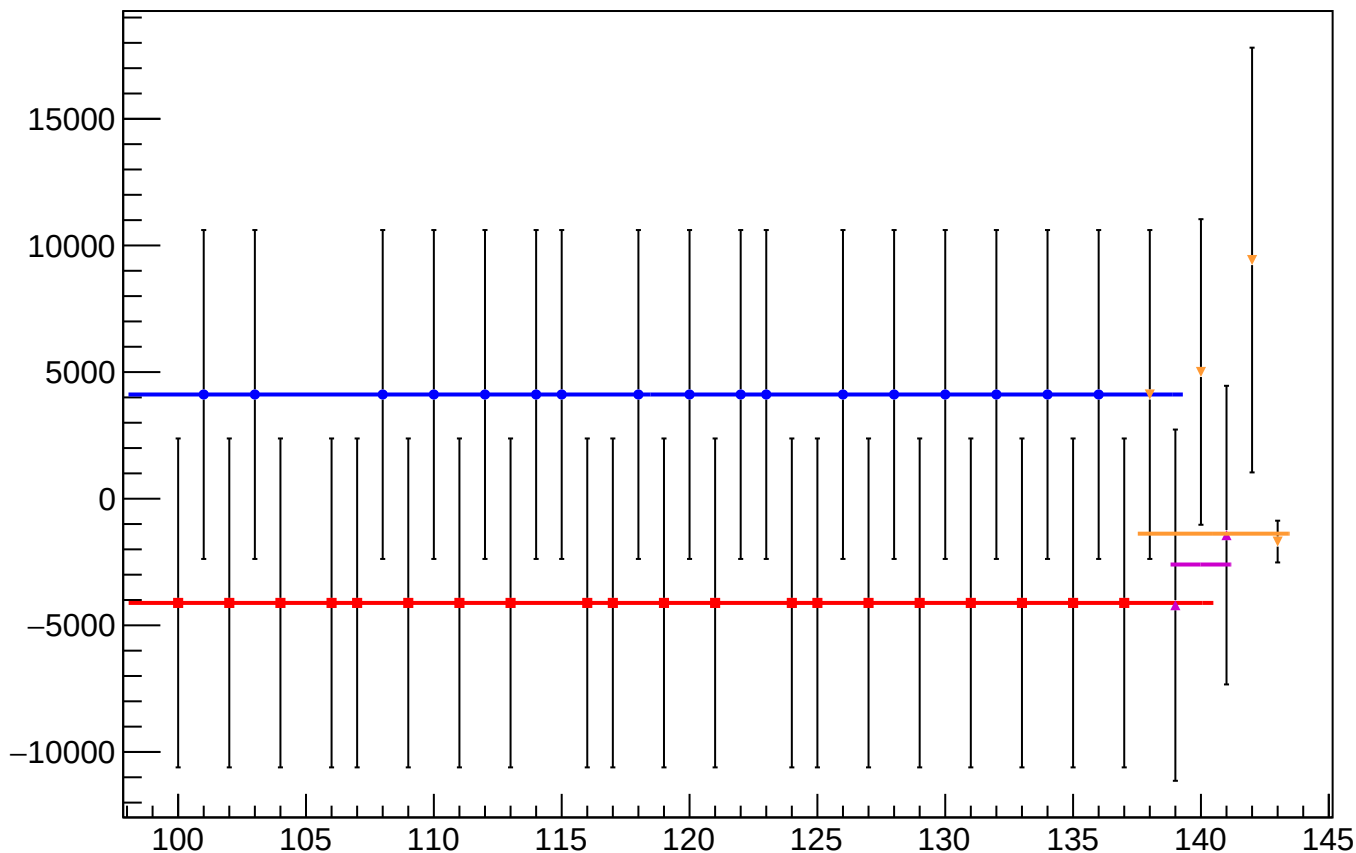
Left In: 2099.357 $\pm$ 1.163 χ^2 /NDF: 768.4/1

1854.107 $\pm$ 0.445 χ^2 /NDF: 1195548.1/20

1864.529 $\pm$ 0.319 χ^2 /NDF: 1792212.8/42

1875.560 $\pm$ 0.458 χ^2 /NDF: 595536.4/21

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 4115.072 $\pm$ 1575.007 χ^2/NDF : 0.0/16

Left Out: -1380.366 $\pm$ 806.586 χ^2/NDF : 3.6/3

Right Out: -4115.072 $\pm$ 1452.085 χ^2/NDF : 0.0/19

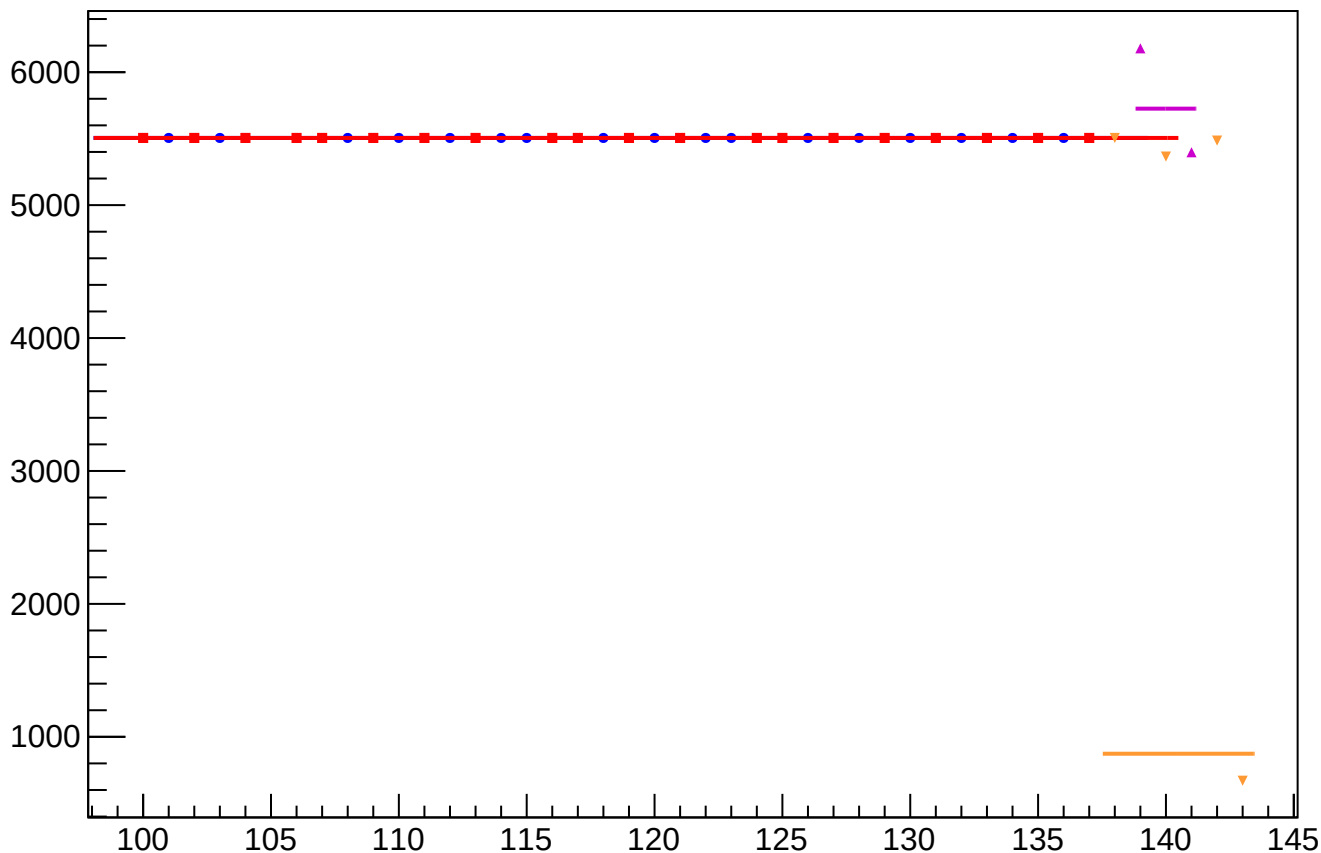
Left In: -2598.340 $\pm$ 4491.850 χ^2/NDF : 0.1/1

-238.569 $\pm$ 717.920 χ^2/NDF : 13.3/20

-1032.156 $\pm$ 637.055 χ^2/NDF : 19.2/42

-3971.565 $\pm$ 1381.682 χ^2/NDF : 0.2/21

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 5505.372+/-1.114 χ^2/NDF : 0.0/16

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

Right Out: 5505.372+/-1.027 χ^2/NDF : 0.0/19

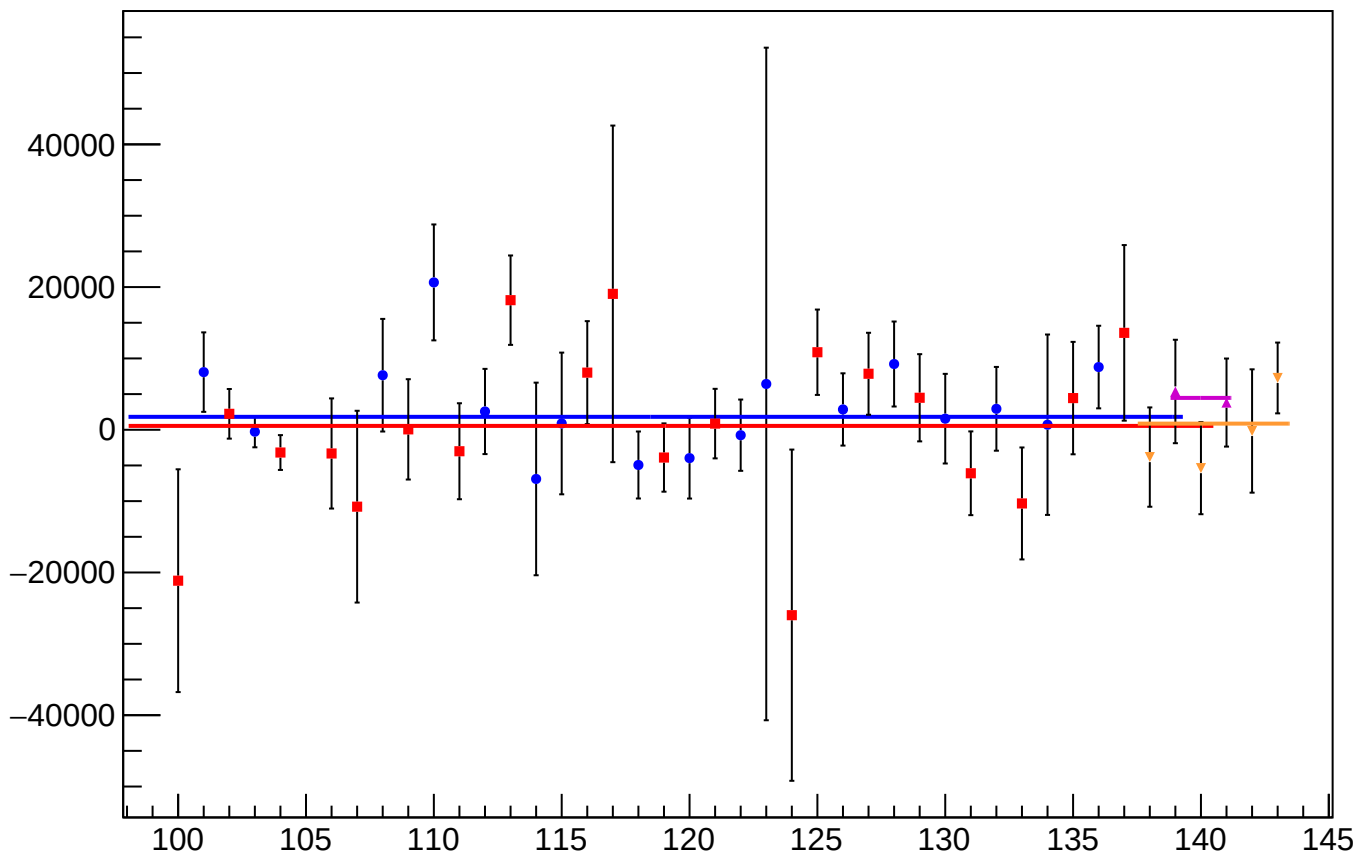
Left In: 5725.723+/-3.176 χ^2/NDF :14757.8/1

1835.307+/-0.508 χ^2/NDF : 16560735.6/20

2619.949+/-0.450 χ^2/NDF : 27817707.6/4

5526.220+/-0.977 χ^2/NDF : 19115.3/21

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1814.267+/-1301.312 χ^2/NDF : 15.0/16

Left Out: 862.895+/-3184.100 χ^2/NDF : 3.1/3

Right Out: 543.365+/-1284.166 χ^2/NDF : 27.1/19

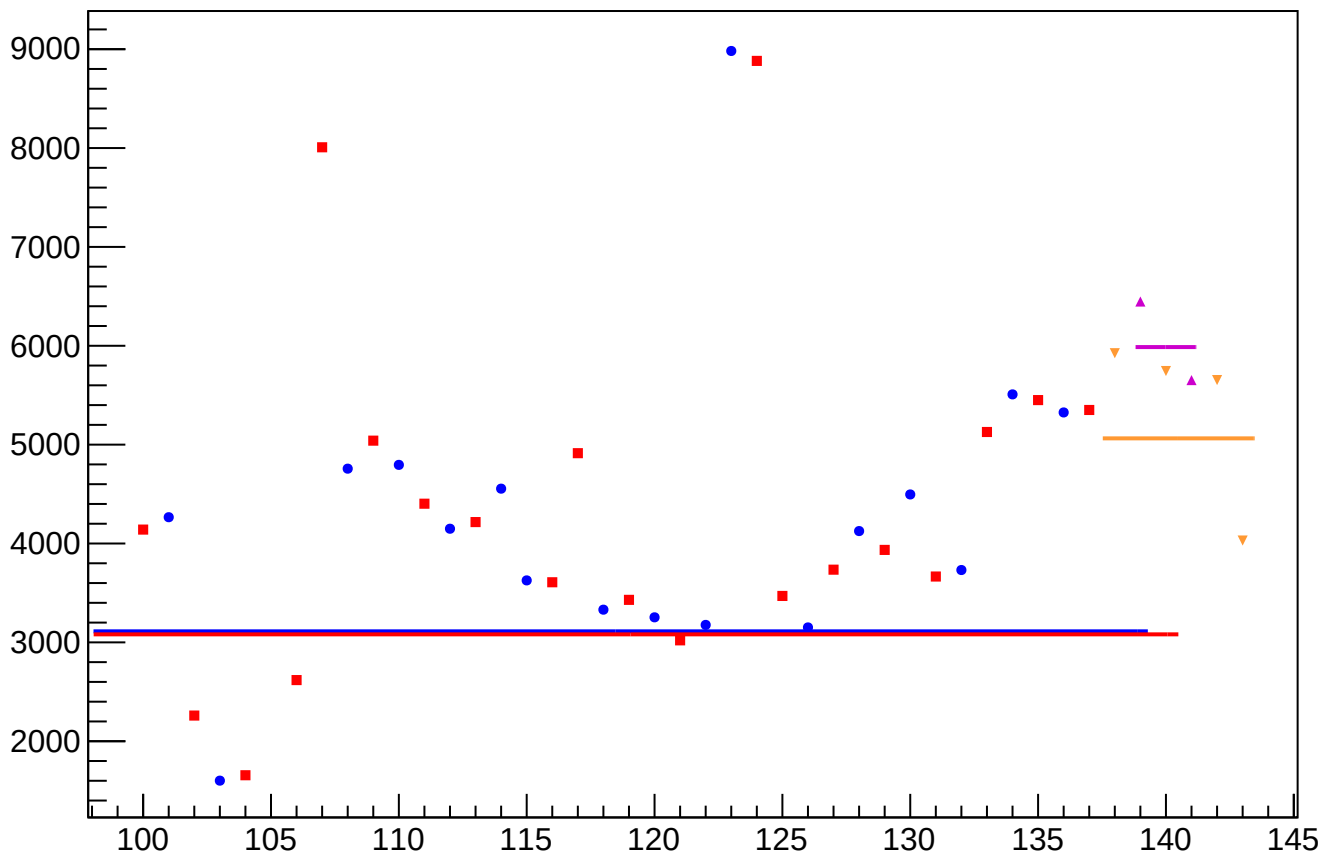
Left In: 4467.369+/-4699.167 χ^2/NDF : 0.0/1

1678.105+/-1204.594 χ^2/NDF : 18.1/20

1259.121+/-863.598 χ^2/NDF : 46.2/42

816.044+/-1238.745 χ^2/NDF : 27.8/21

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

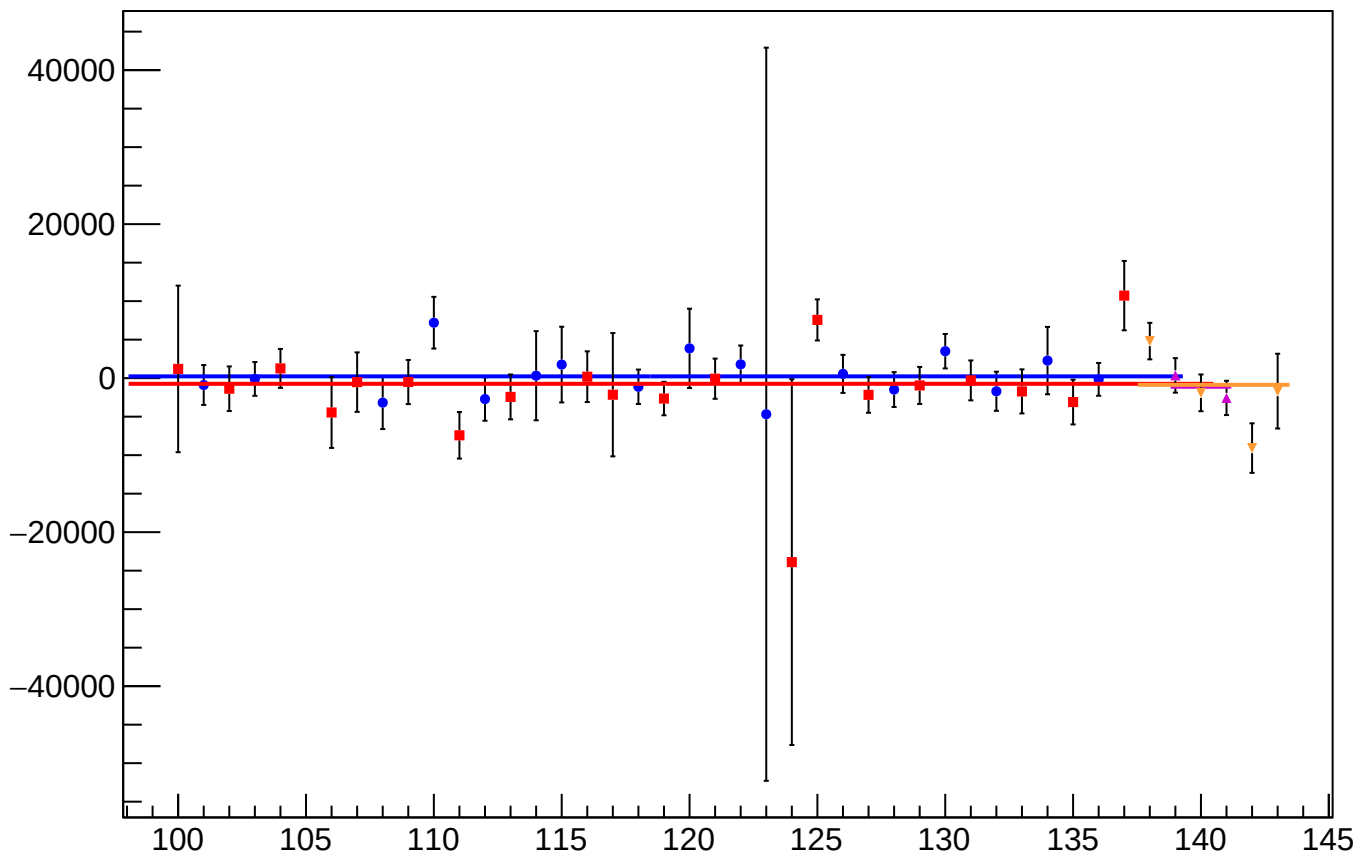
Left In: 5986.911+/-3.323 χ^2 /NDF:13935.5/1

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

3335.085+/-0.607 χ^2 /NDF: 5429321.3/42

3277.621+/-0.864 χ^2 /NDF: 2748635.7/21

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -868.789+/-1424.476 χ^2/NDF :12.5/3

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

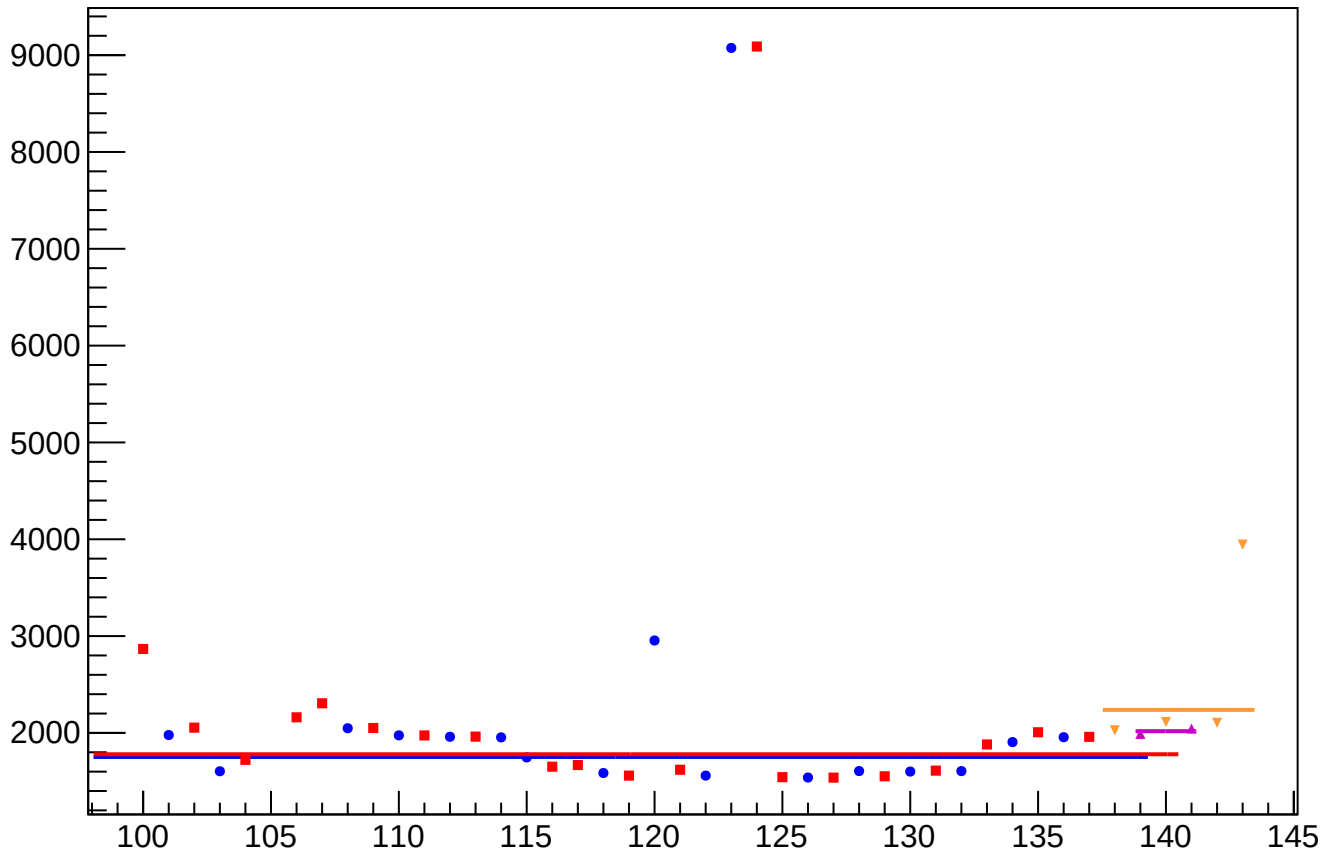
Left In: -1114.353+/-1579.241 χ^2/NDF :0.9/1

24.643+/-618.638 χ^2/NDF : 24.5/20

-380.832+/-439.978 χ^2/NDF : 52.1/42

-795.843+/-625.871 χ^2/NDF : 26.7/21

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

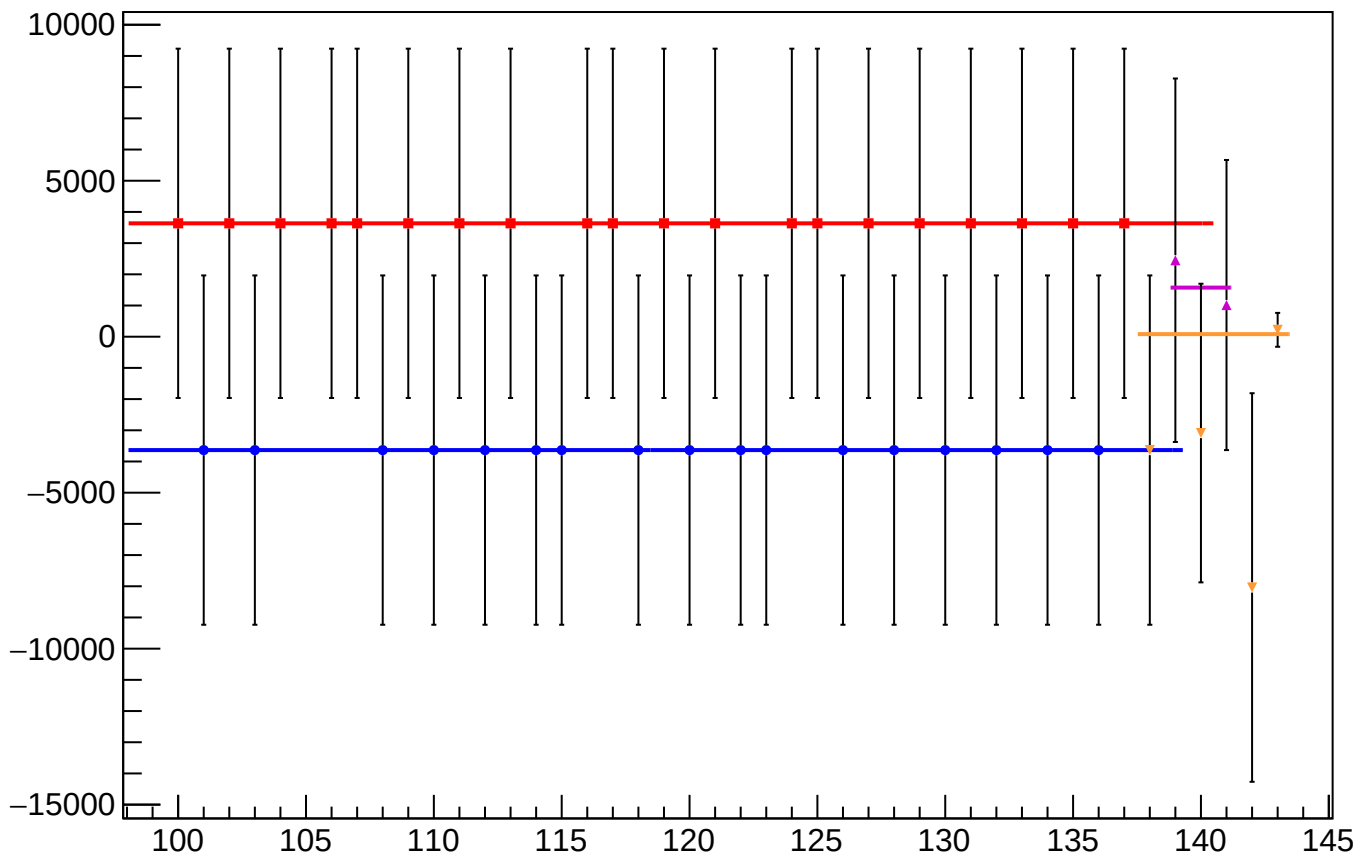
Left In: 2017.871+/-1.117 χ^2/NDF : 605.9/1

1843.481+/-0.437 χ^2/NDF : 761519.9/20

1830.256+/-0.311 χ^2/NDF : 1231150.1/42

1816.755+/-0.442 χ^2/NDF : 467783.0/21

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: -3634.610 ± 1357.935 χ^2/NDF : 0.0/16

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

Right Out: 3634.610 ± 1251.954 χ^2/NDF : 0.0/19

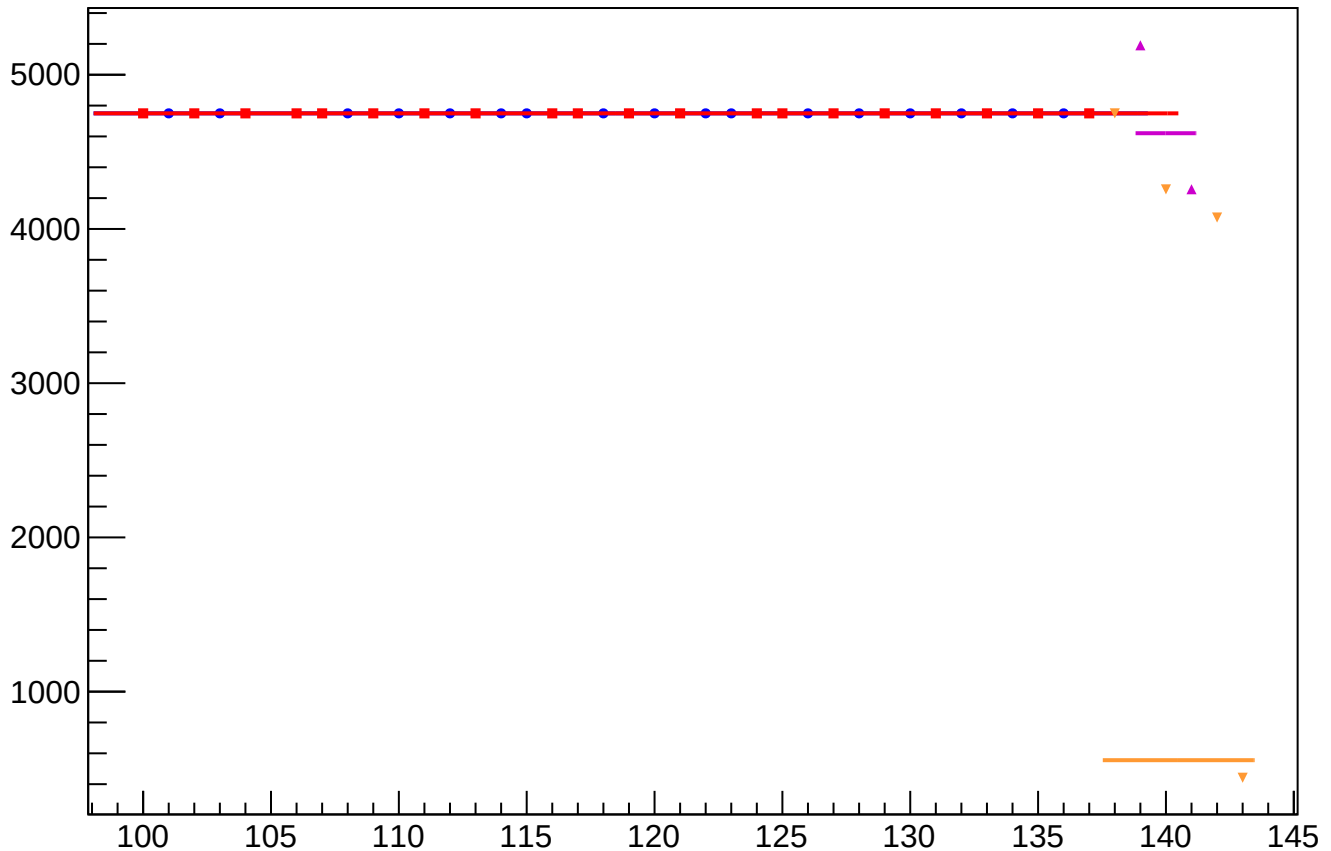
Left In: 1574.217 ± 3634.324 χ^2/NDF : 0.0/1

-416.624 ± 497.756 χ^2/NDF : 9.1/20

159.273 ± 458.839 χ^2/NDF : 18.4/42

3416.045 ± 1183.690 χ^2/NDF : 0.3/21

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 4749.613 $\pm$ 0.960 χ^2/NDF : 0.0/16

Left Out: 555.495 $\pm$ 0.378 χ^2/NDF :3044358.1/3

Right Out: 4749.613 $\pm$ 0.885 χ^2/NDF : 0.0/19

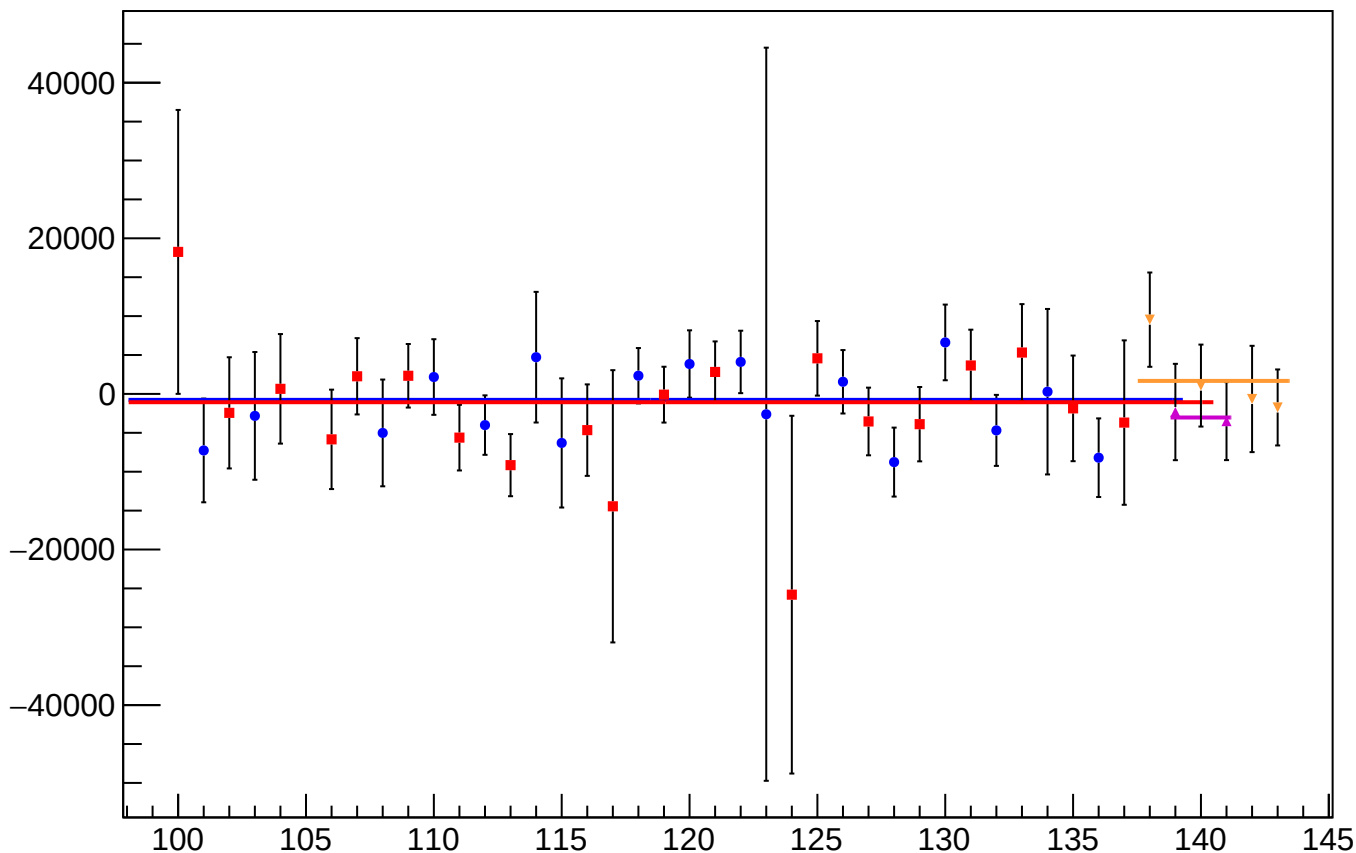
Left In: 4620.825 $\pm$ 2.570 χ^2/NDF :31347.9/1

1119.024 $\pm$ 0.352 χ^2/NDF : 19559772.6/20

1662.504 $\pm$ 0.324 χ^2/NDF : 35461258.3/4

4735.951 $\pm$ 0.837 χ^2/NDF : 33592.9/21

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

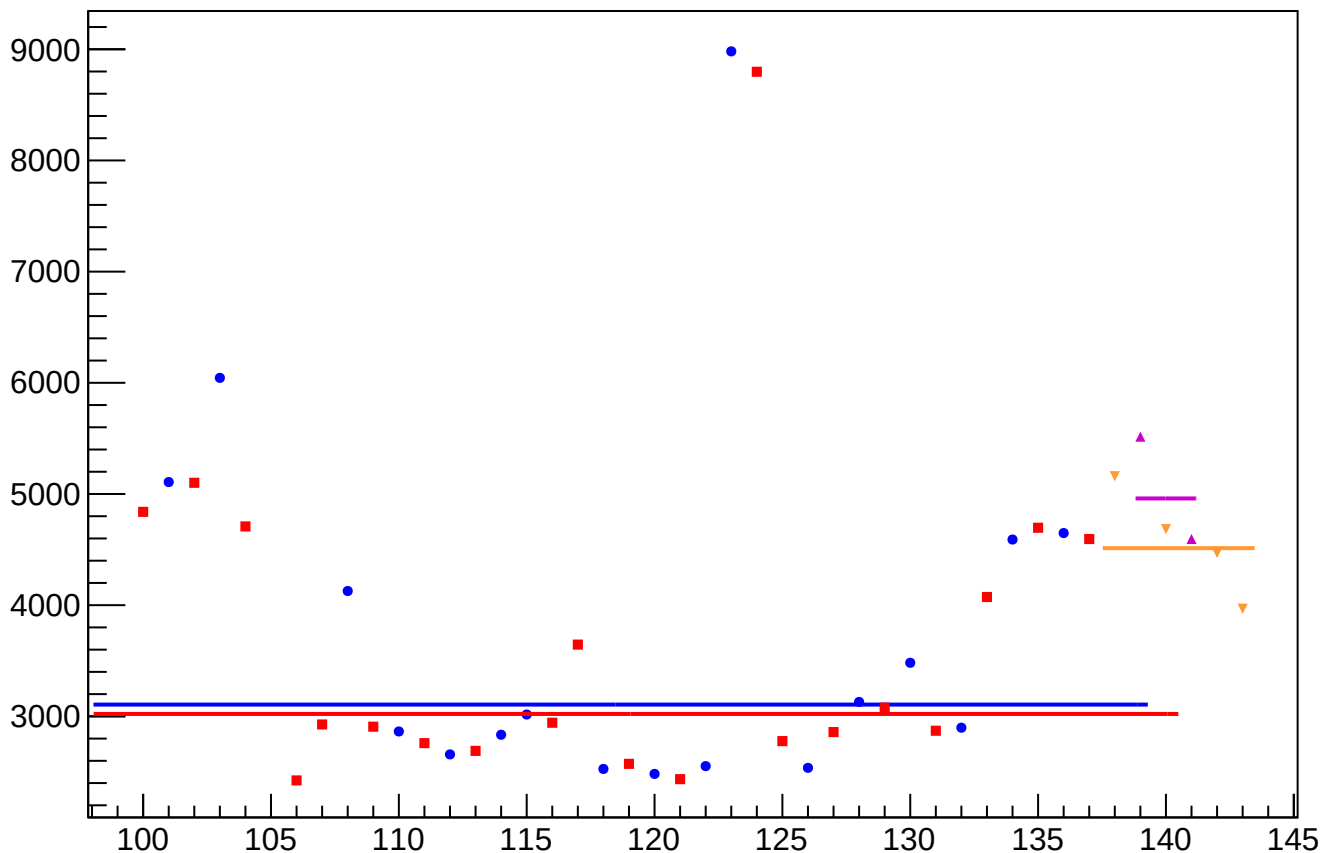
Left In: -3032.775+/-3896.267 χ^2/NDF : 0.0/1

-363.957+/-1140.376 χ^2/NDF : 18.5/20

-800.451+/-805.055 χ^2/NDF : 34.6/42

-1234.114+/-1136.672 χ^2/NDF : 15.9/21

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3105.849+/-0.882 χ^2/NDF : 959826.4/16

Left Out: 4512.873+/-1.987 χ^2/NDF : 49863.5/3

Right Out: 3021.600+/-0.830 χ^2/NDF : 796828.0/19

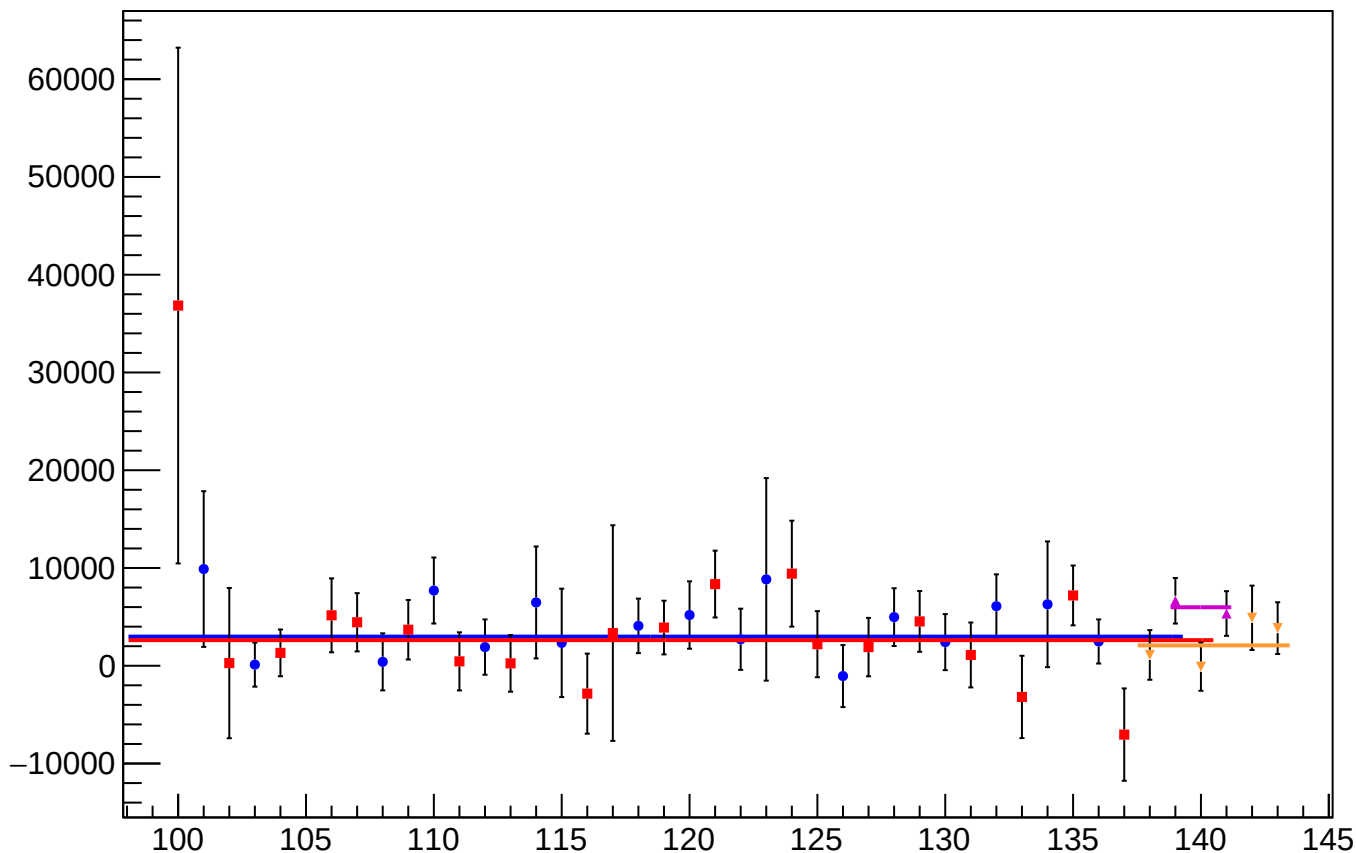
Left In: 4959.876+/-2.755 χ^2/NDF : 26684.3/1

3337.501+/-0.806 χ^2/NDF : 1428433.9/20

3259.034+/-0.566 χ^2/NDF : 2724390.7/42

3182.837+/-0.795 χ^2/NDF : 1277292.3/21

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 2084.398 $\pm$ 1341.471 χ^2 /NDF: 2.1/3

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

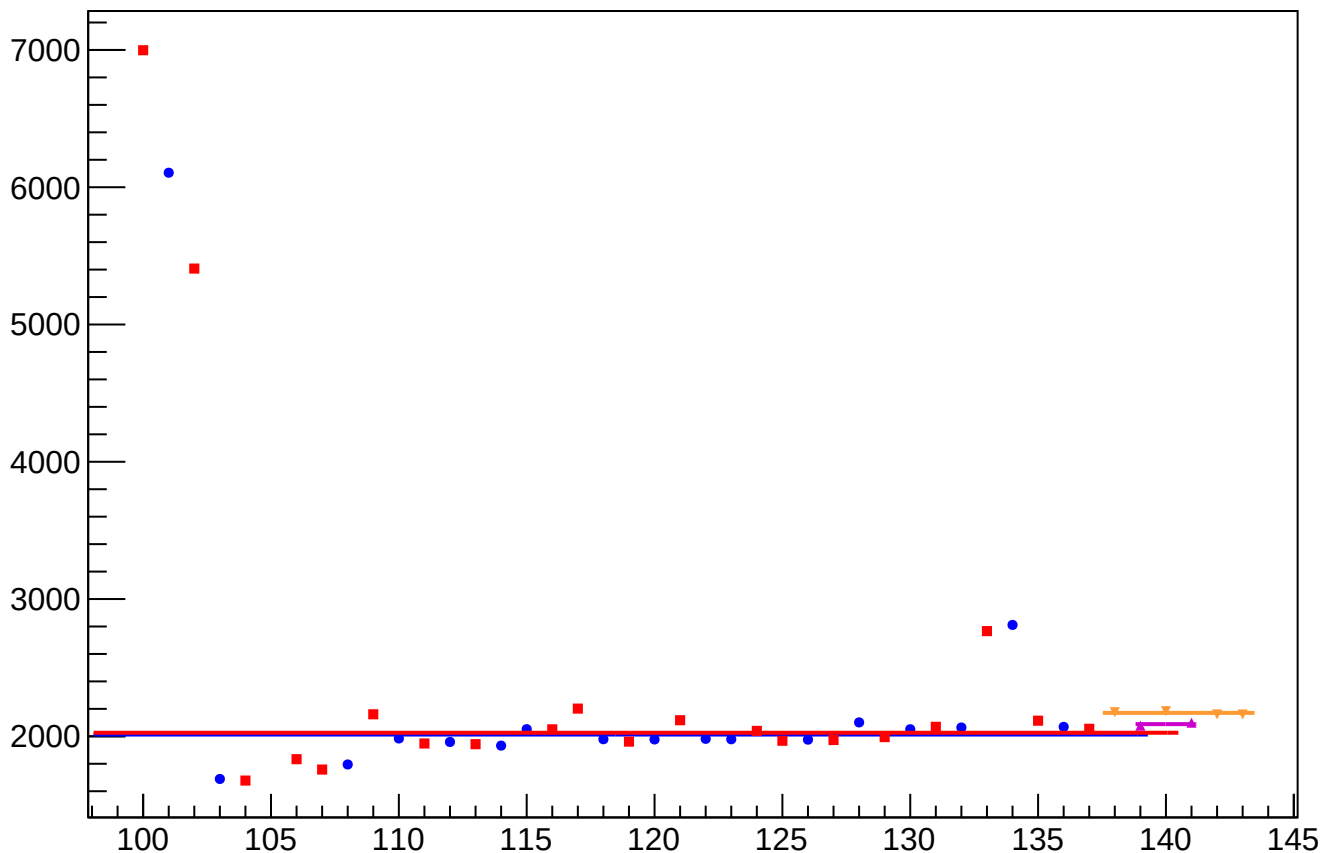
Left In: 5982.389 $\pm$ 1630.760 χ^2 /NDF: 0.2/1

2745.888 $\pm$ 684.173 χ^2 /NDF: 12.3/20

2988.435 $\pm$ 490.838 χ^2 /NDF: 35.8/42

3245.664 $\pm$ 704.577 χ^2 /NDF: 23.2/21

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

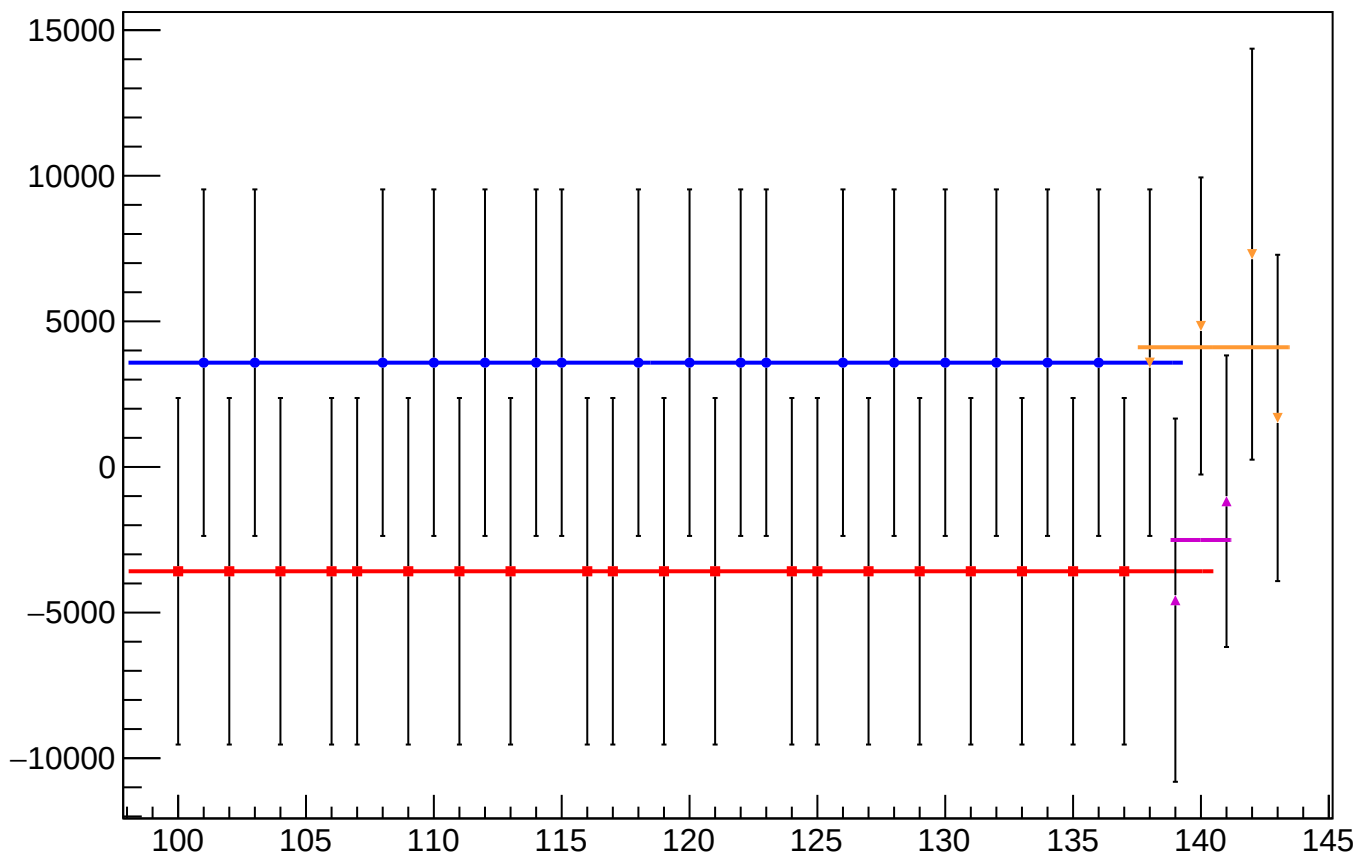
Left In: 2088.793 $\pm$ 1.153 χ^2 /NDF:88.9/1

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

2046.081 $\pm$ 0.347 χ^2 /NDF: 1239311.0/42

2037.680 $\pm$ 0.498 χ^2 /NDF: 600438.6/21

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 3581.541 $\pm$ 1443.107 χ^2 /NDF: 0.0/16

Left Out: 4110.889 $\pm$ 2903.579 χ^2 /NDF:0.4/3

Right Out: -3581.541 $\pm$ 1330.479 χ^2 /NDF: 0.0/19

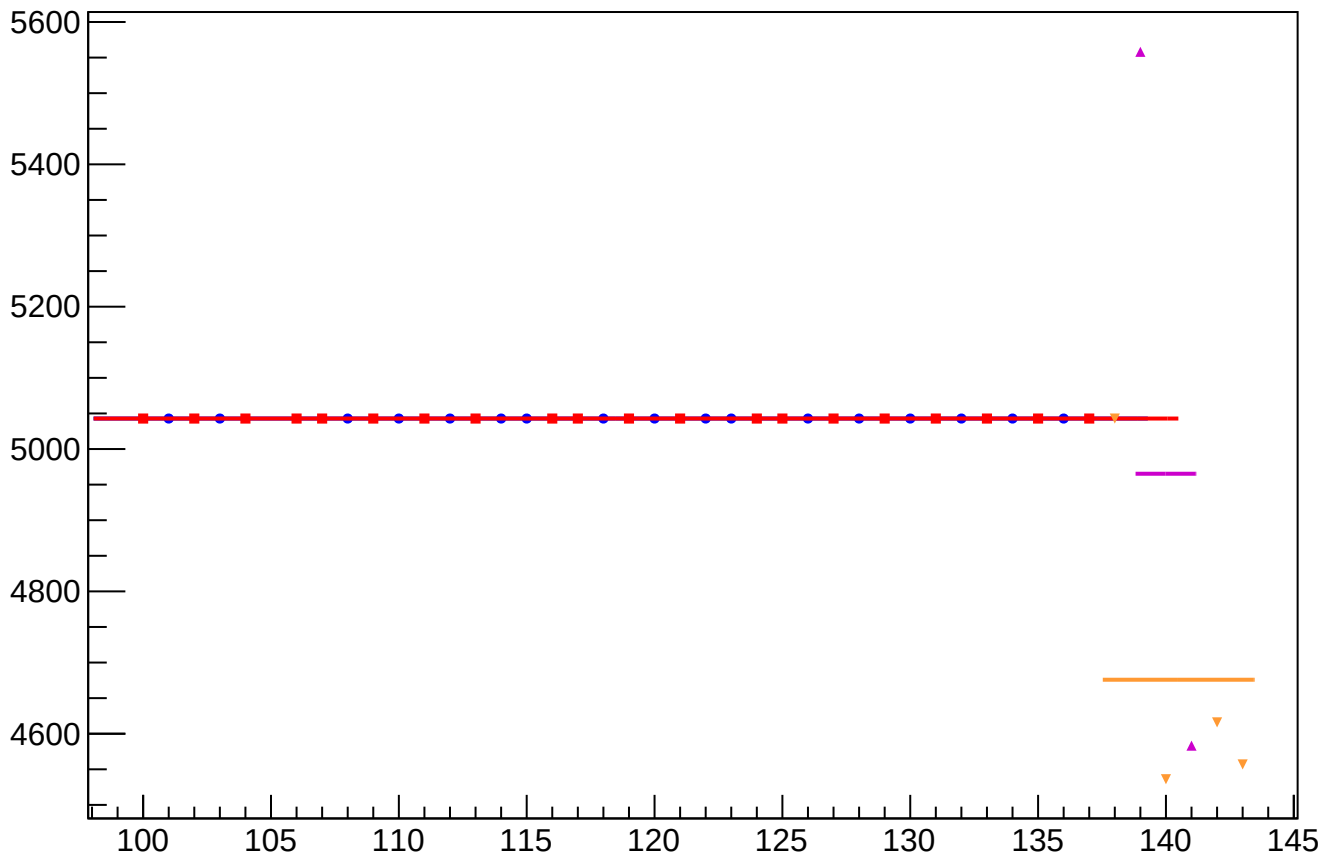
Left In: -2507.344 $\pm$ 3904.149 χ^2 /NDF:0.2/1

3686.398 $\pm$ 1292.297 χ^2 /NDF: 0.4/20

15.957 $\pm$ 901.921 χ^2 /NDF: 16.4/42

-3469.769 $\pm$ 1259.360 χ^2 /NDF: 0.2/21

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 5042.846+/-1.020 χ^2/NDF : 0.0/16

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

Right Out: 5042.846+/-0.941 χ^2/NDF : 0.0/19

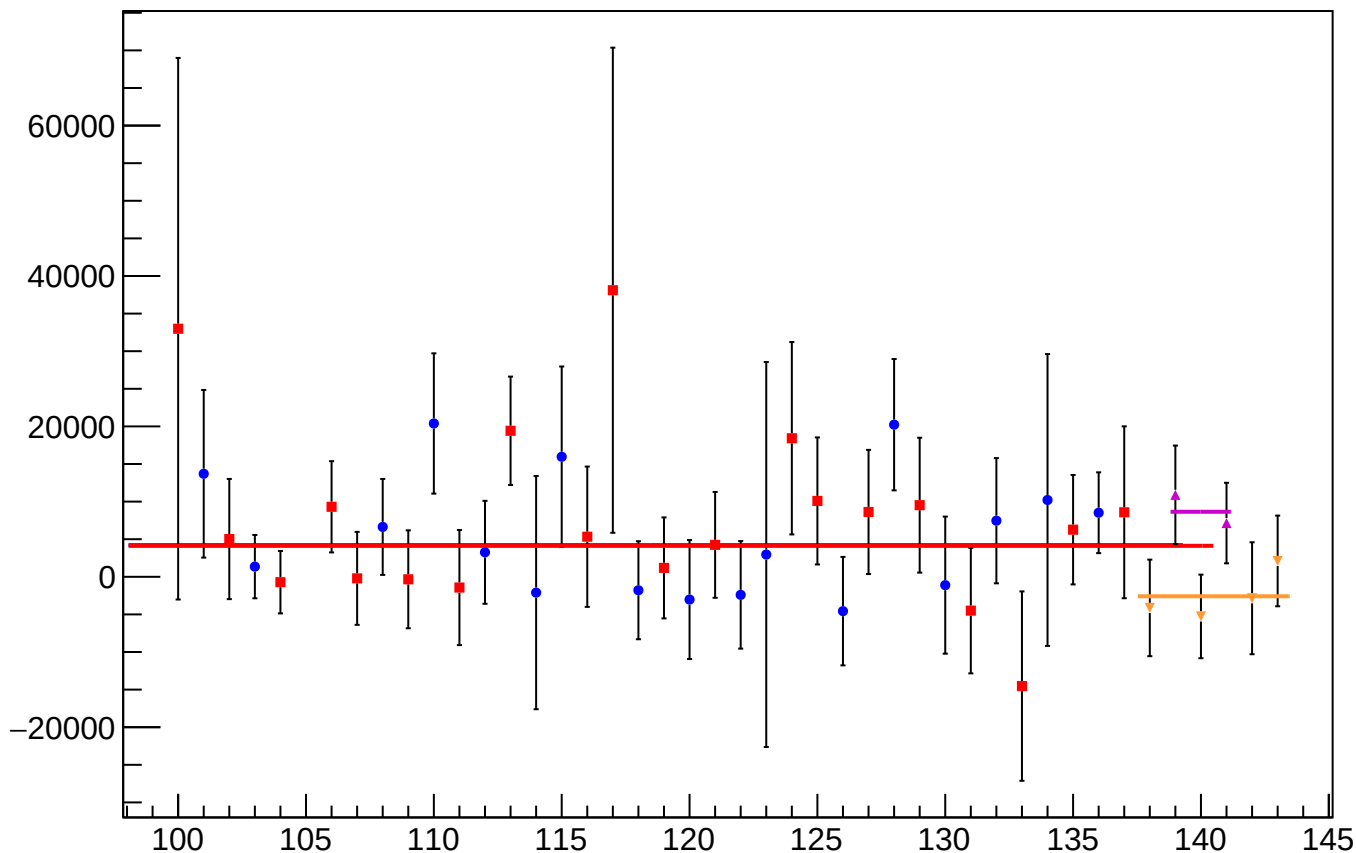
Left In: 4965.281+/-2.761 χ^2/NDF : 29717.9/1

4970.151+/-0.914 χ^2/NDF : 35776.9/20

5003.297+/-0.638 χ^2/NDF : 68767.4/42

5034.776+/-0.891 χ^2/NDF : 30425.2/21

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4198.770+/-1857.803 χ^2/NDF : 14.1/16

Left Out: -2587.794+/-3127.649 χ^2/NDF : 0.9/3

Right Out: 4120.914+/-1722.725 χ^2/NDF : 16.0/19

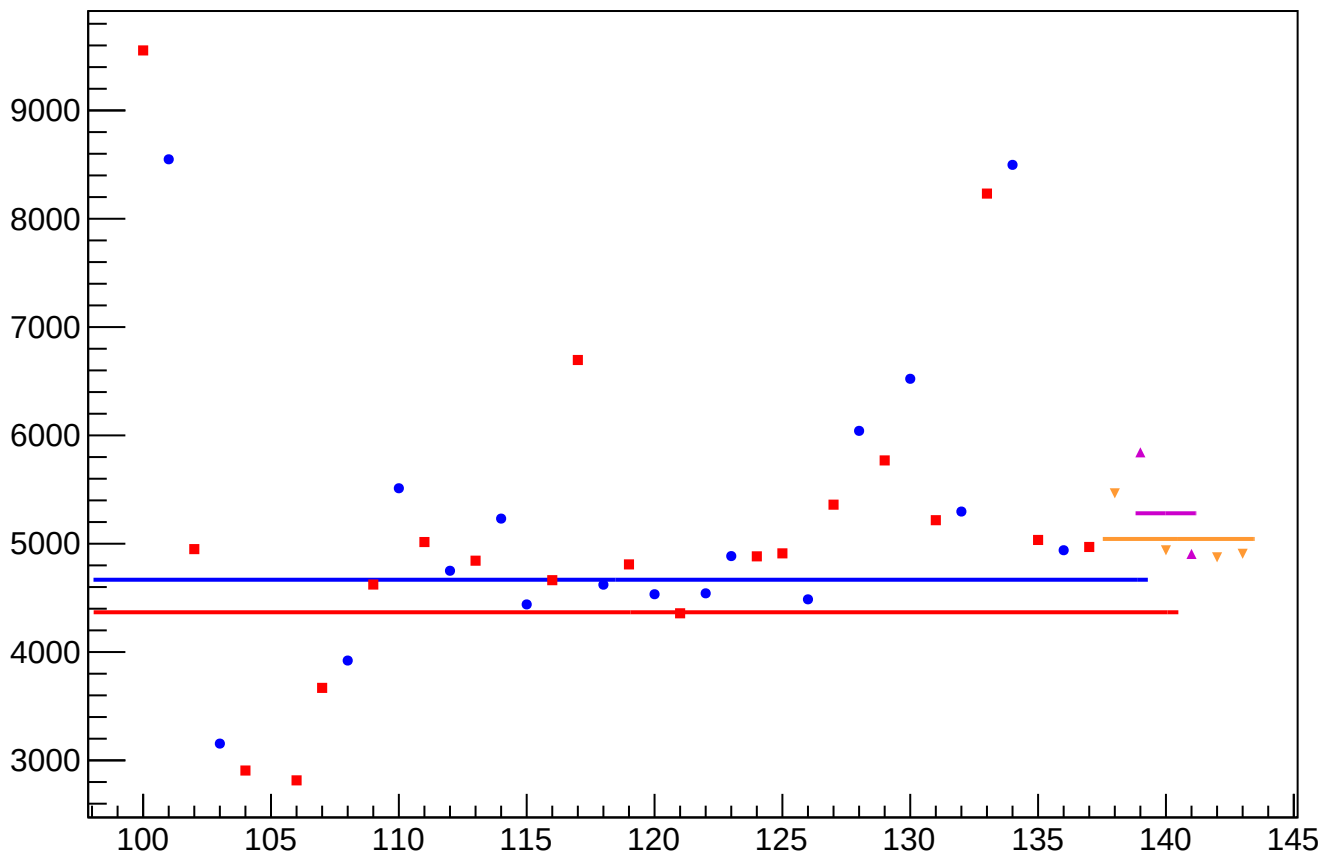
Left In: 8648.166+/-4147.059 χ^2/NDF : 0.2/1

2428.781+/-1597.270 χ^2/NDF : 18.5/20

3612.681+/-1127.188 χ^2/NDF : 36.8/42

4787.183+/-1590.917 χ^2/NDF : 17.2/21

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5043.984+/-2.212 χ^2/NDF : 11392.5/3

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

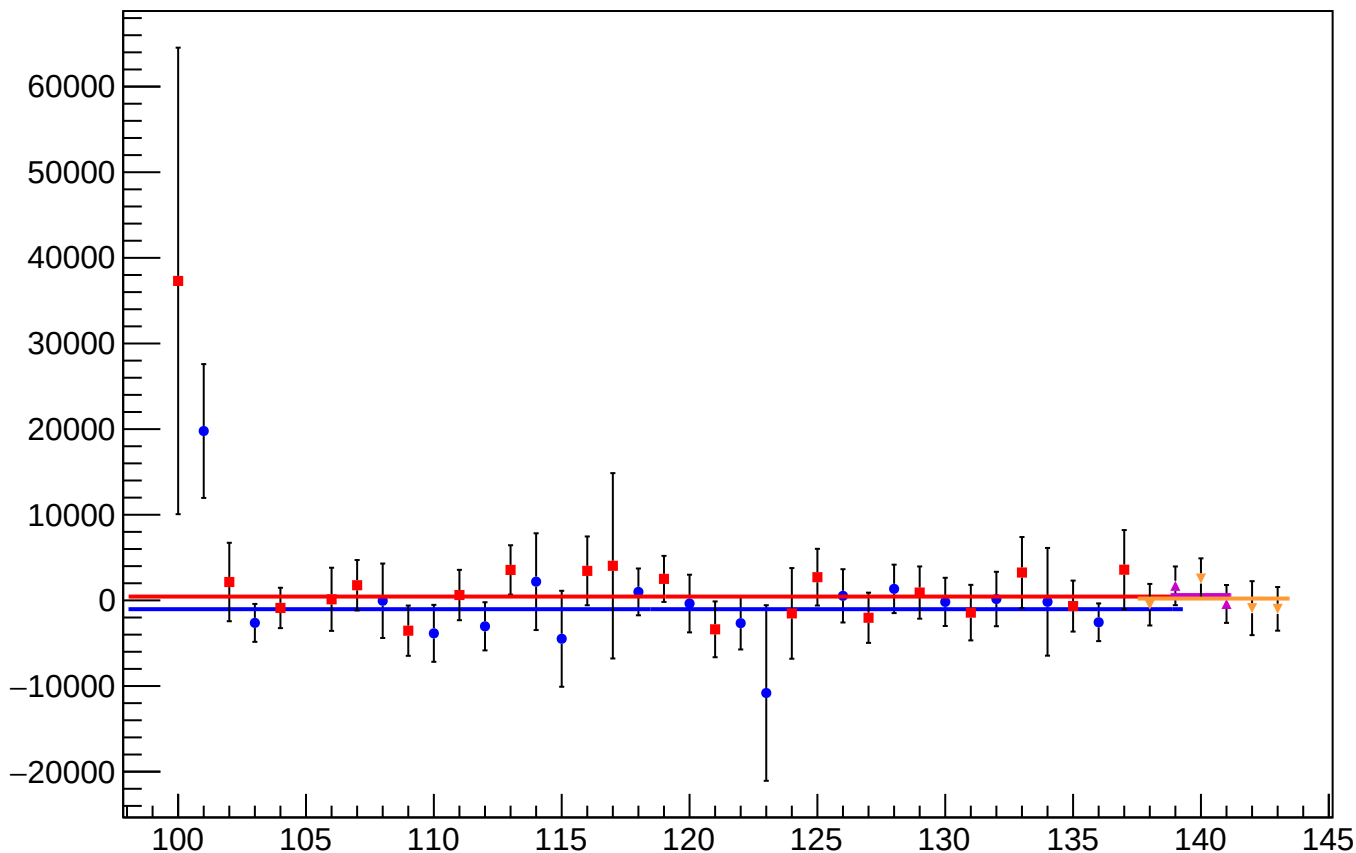
Left In: 5281.041+/-2.932 χ^2/NDF : 24557.2/1

4765.668+/-1.129 χ^2/NDF : 810675.0/20

4631.823+/-0.795 χ^2/NDF : 1789242.6/42

4500.342+/-1.119 χ^2/NDF : 950728.5/21

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 214.079 ± 1286.579 χ^2/NDF : 1.4/3

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

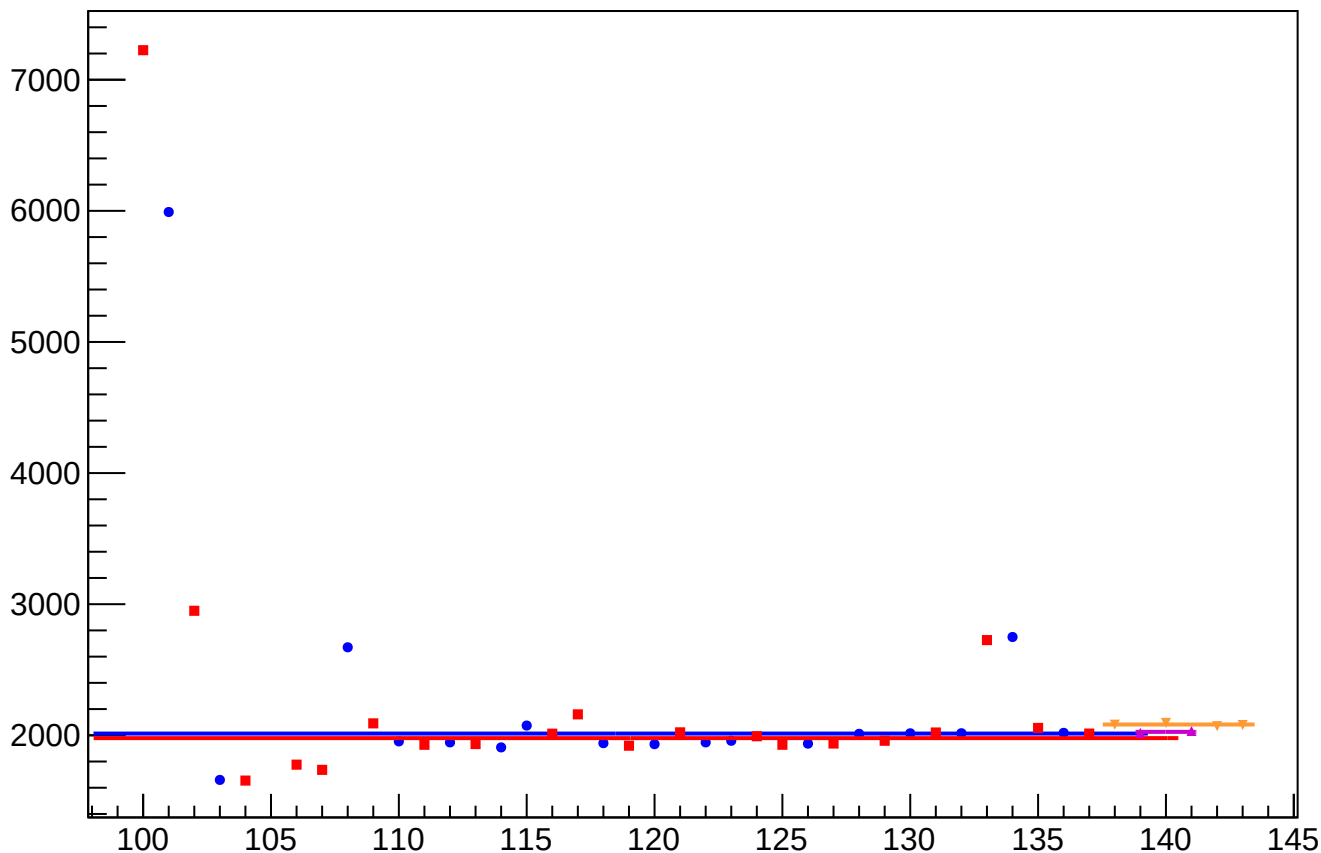
Left In: 620.236 ± 1581.377 χ^2/NDF : 0.4/1

-683.108 ± 677.285 χ^2/NDF : 15.1/20

-108.068 ± 481.348 χ^2/NDF : 27.9/42

478.817 ± 684.225 χ^2/NDF : 11.3/21

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 2013.270 $\pm$ 0.563 χ^2/NDF : 650048.6/16

Left Out: 2082.254 $\pm$ 0.910 χ^2/NDF : 90.5/3

Right Out: 1978.439 $\pm$ 0.536 χ^2/NDF : 295463.2/19

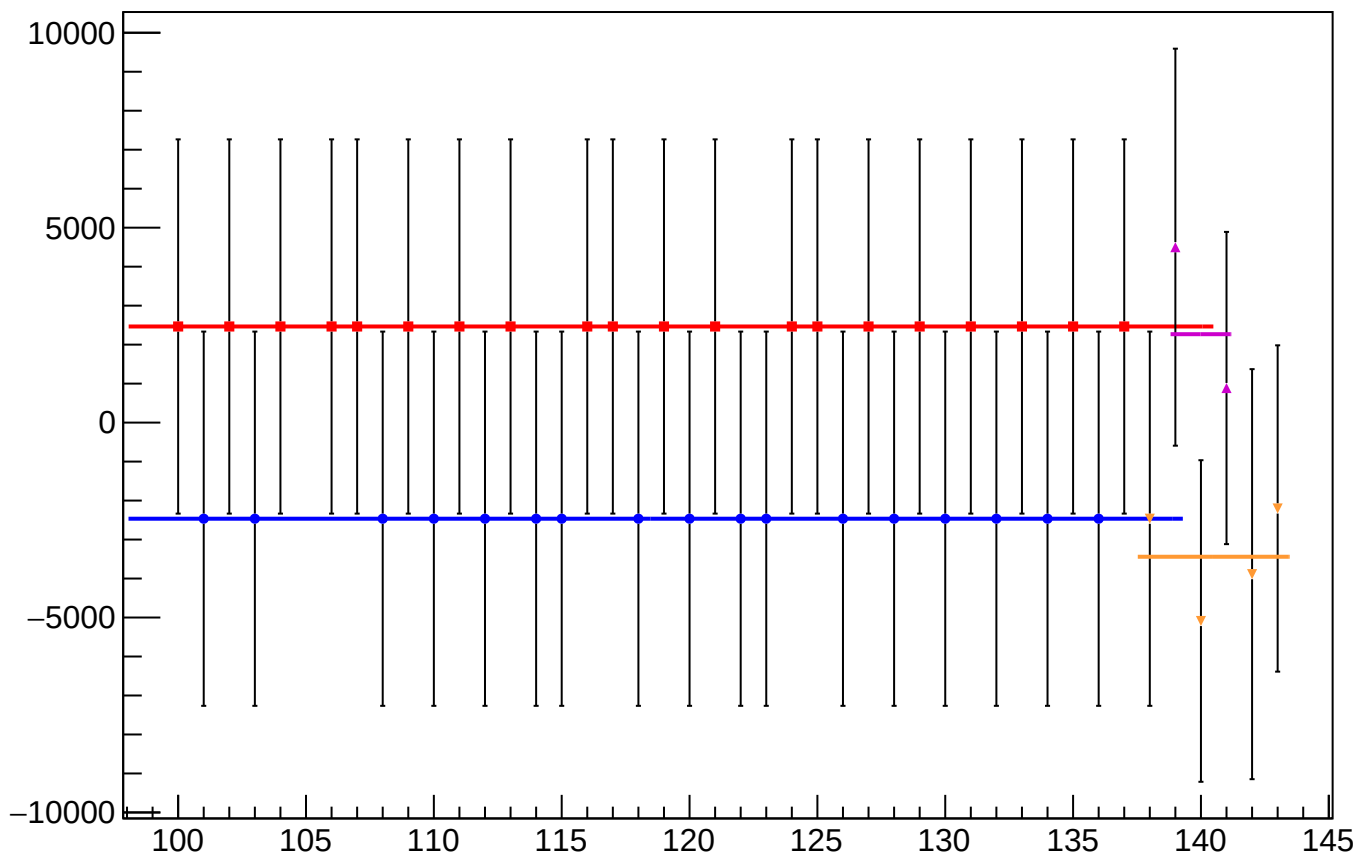
Left In: 2026.088 $\pm$ 1.118 χ^2/NDF : 42.6/1

2032.387 $\pm$ 0.479 χ^2/NDF : 654295.5/20

2010.076 $\pm$ 0.340 χ^2/NDF : 955659.4/42

1987.344 $\pm$ 0.483 χ^2/NDF : 296982.3/21

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: -2465.419+/-1164.152 χ^2/NDF : 0.0/16

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

Right Out: 2465.419+/-1073.295 χ^2/NDF : 0.0/19

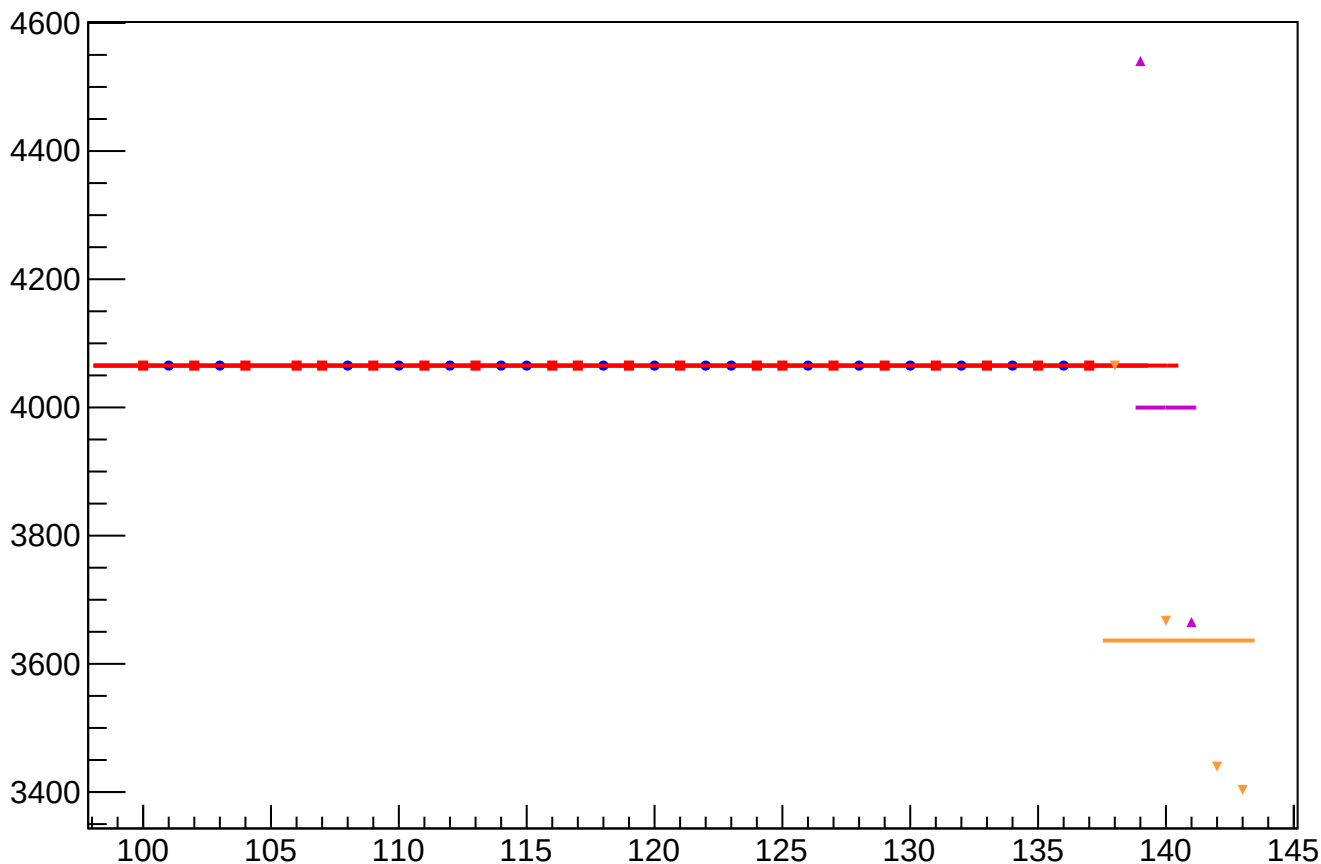
Left In: 2267.689+/-3147.727 χ^2/NDF : 0.3/1

-2669.731+/-1035.114 χ^2/NDF : 0.4/20

-64.456+/-725.035 χ^2/NDF : 13.2/42

2444.825+/-1015.865 χ^2/NDF : 0.3/21

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 4065.315+/-0.823 χ^2/NDF : 0.0/16

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

Right Out: 4065.315+/-0.759 χ^2/NDF : 0.0/19

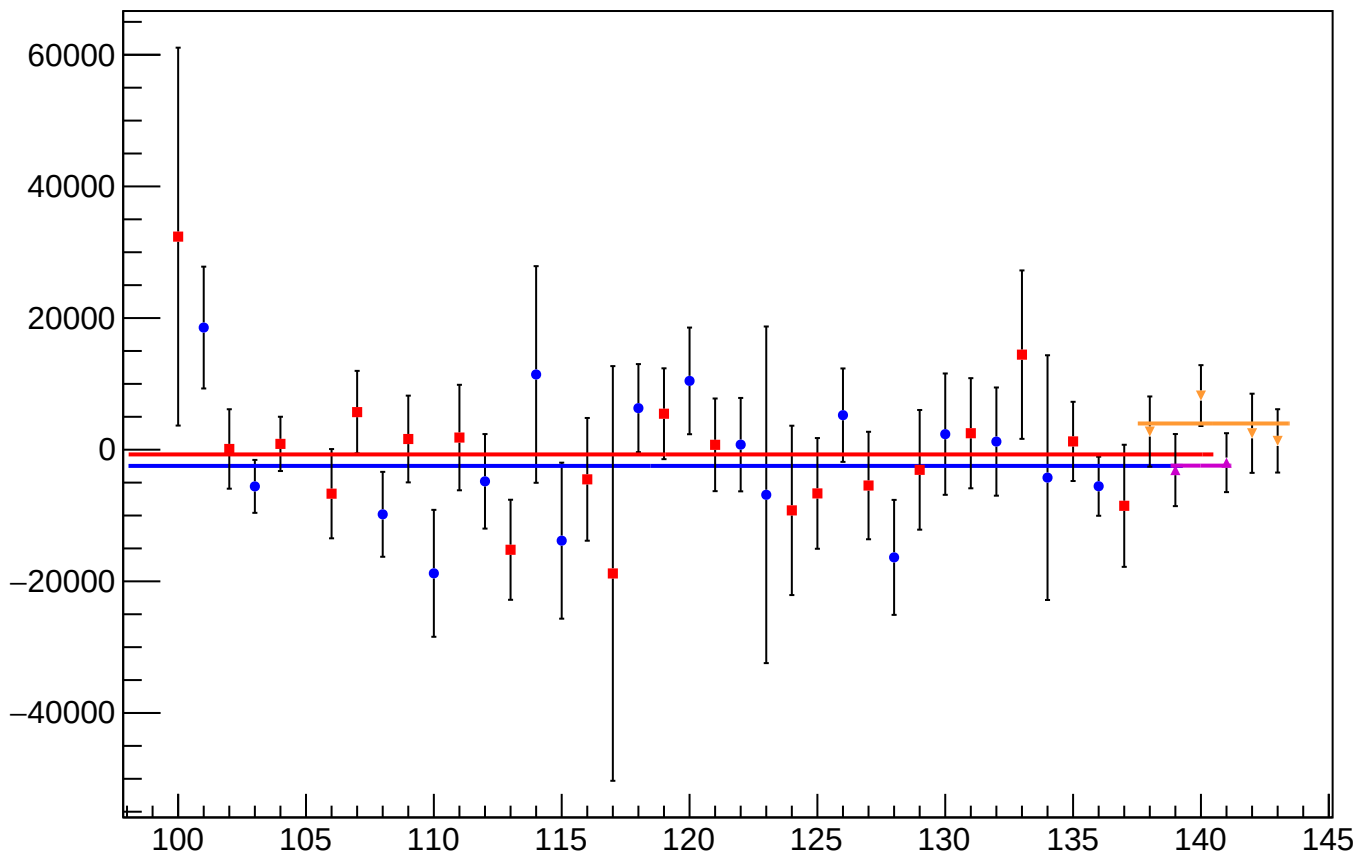
Left In: 3999.801+/-2.226 χ^2/NDF : 36502.8/1

3975.503+/-0.732 χ^2/NDF : 81929.8/20

4017.776+/-0.513 χ^2/NDF : 125757.1/42

4058.491+/-0.718 χ^2/NDF : 37279.0/21

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

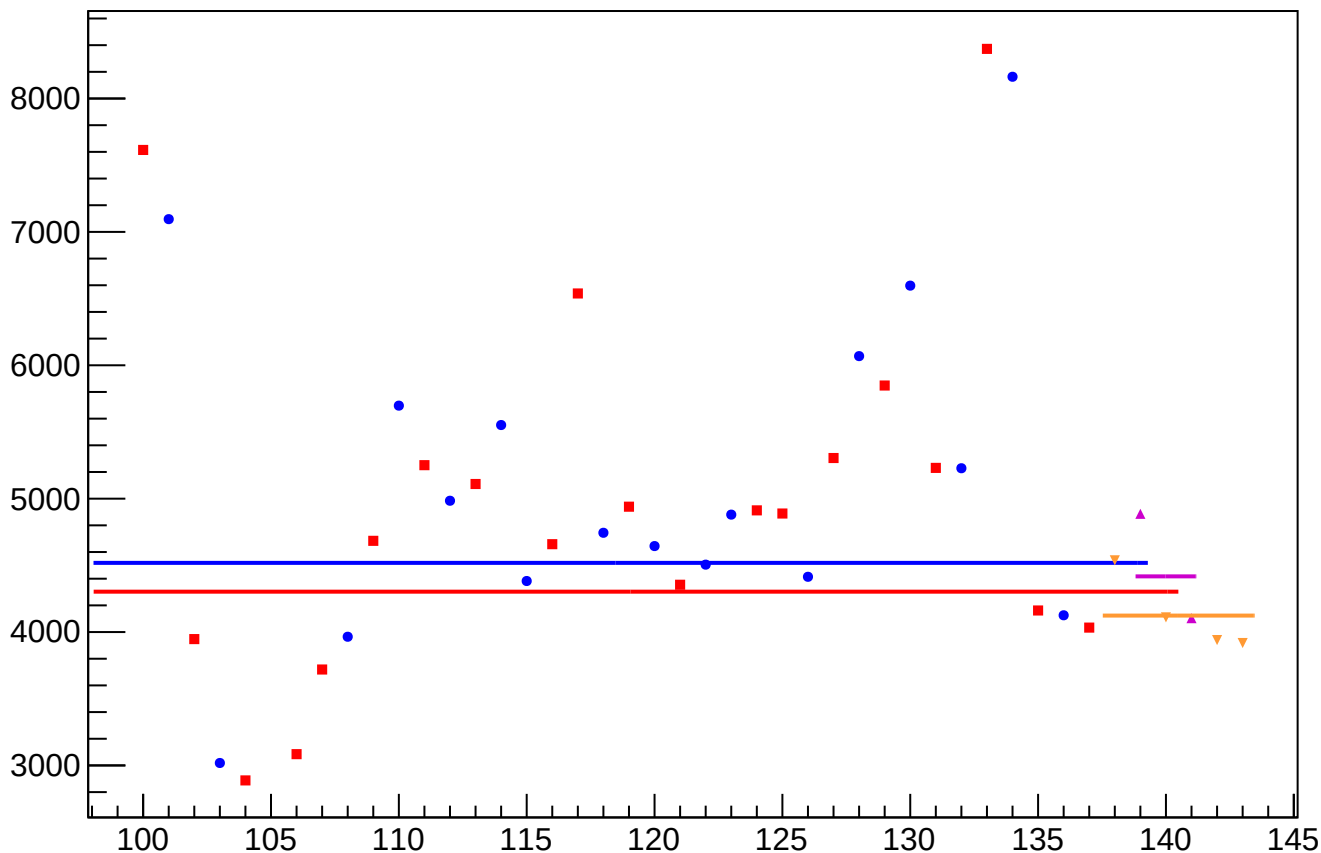
Left In: -2420.359+/-3466.238 χ^2/NDF : 0.0/1

-332.216+/-1470.572 χ^2/NDF : 26.3/20

-677.157+/-1055.939 χ^2/NDF : 38.9/42

-1044.302+/-1517.166 χ^2/NDF : 12.4/21

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4123.484+/-1.809 χ^2 /NDF: 17620.7/3

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

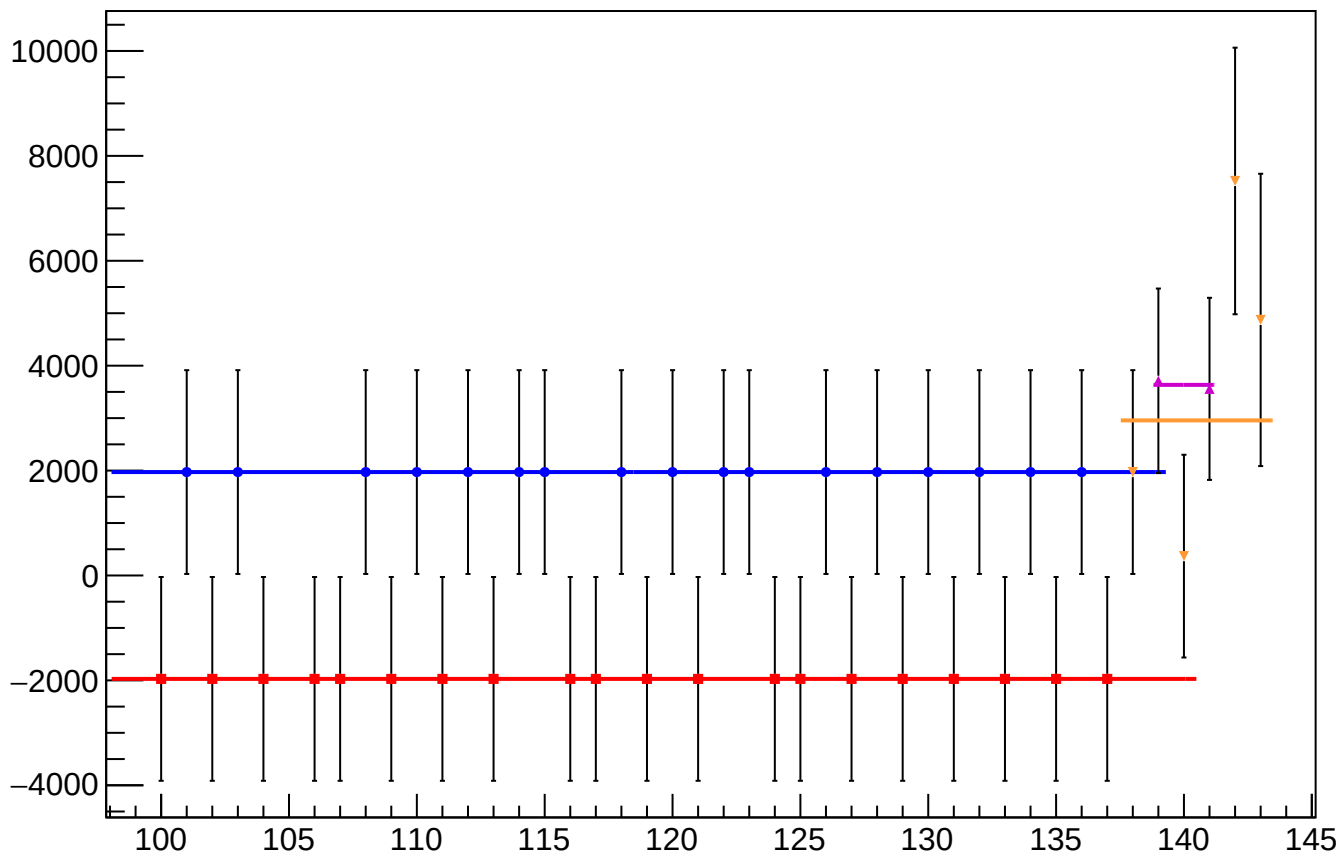
Left In: 4417.463+/-2.451 χ^2 /NDF: 24469.6/1

4388.061+/-1.040 χ^2 /NDF: 819809.2/20

4357.140+/-0.745 χ^2 /NDF: 1629675.3/42

4324.523+/-1.068 χ^2 /NDF: 808049.1/21

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1971.753+/-471.191 χ^2/NDF : 0.0/16

Left Out: 2956.575+/-1106.839 χ^2/NDF : 5.7/3

Right Out: -1971.753+/-434.417 χ^2/NDF : 0.0/19

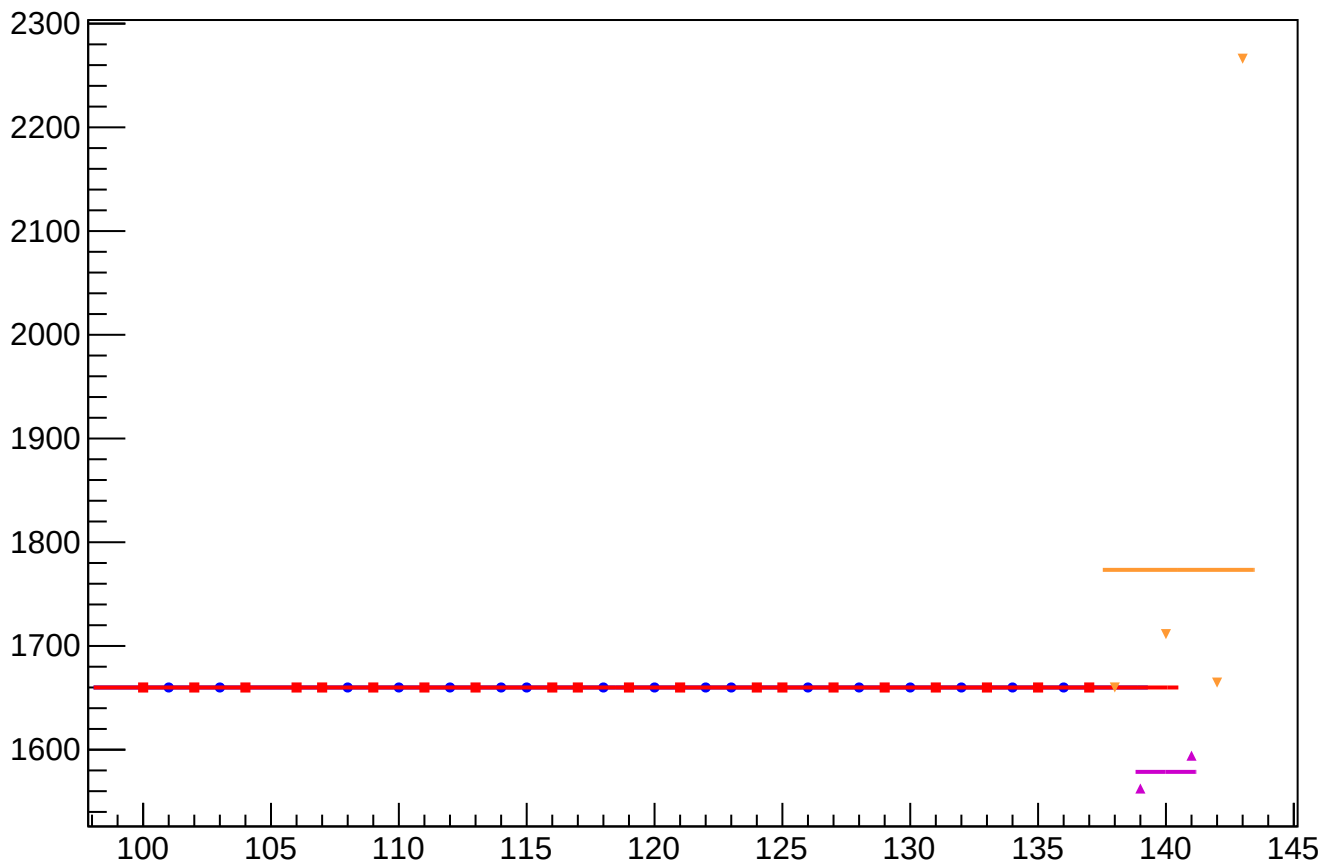
Left In: 3633.869+/-1235.442 χ^2/NDF : 0.0/1

2122.848+/-433.541 χ^2/NDF : 6.4/20

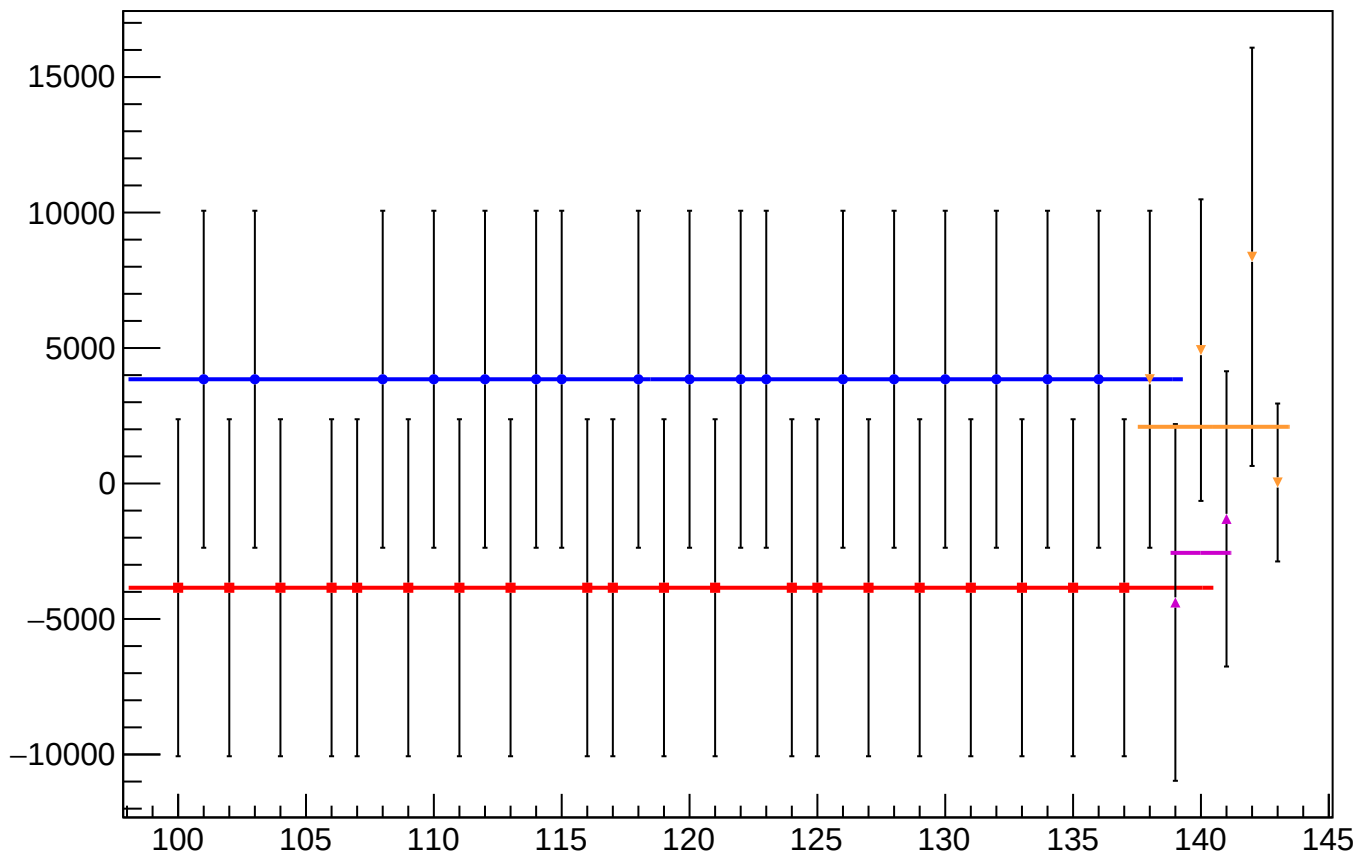
286.217+/-297.819 χ^2/NDF : 58.7/42

-1354.925+/-409.819 χ^2/NDF : 18.3/21

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 3847.115+/-1508.277 χ^2/NDF : 0.0/16

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

Right Out: -3847.115+/-1390.563 χ^2/NDF : 0.0/19

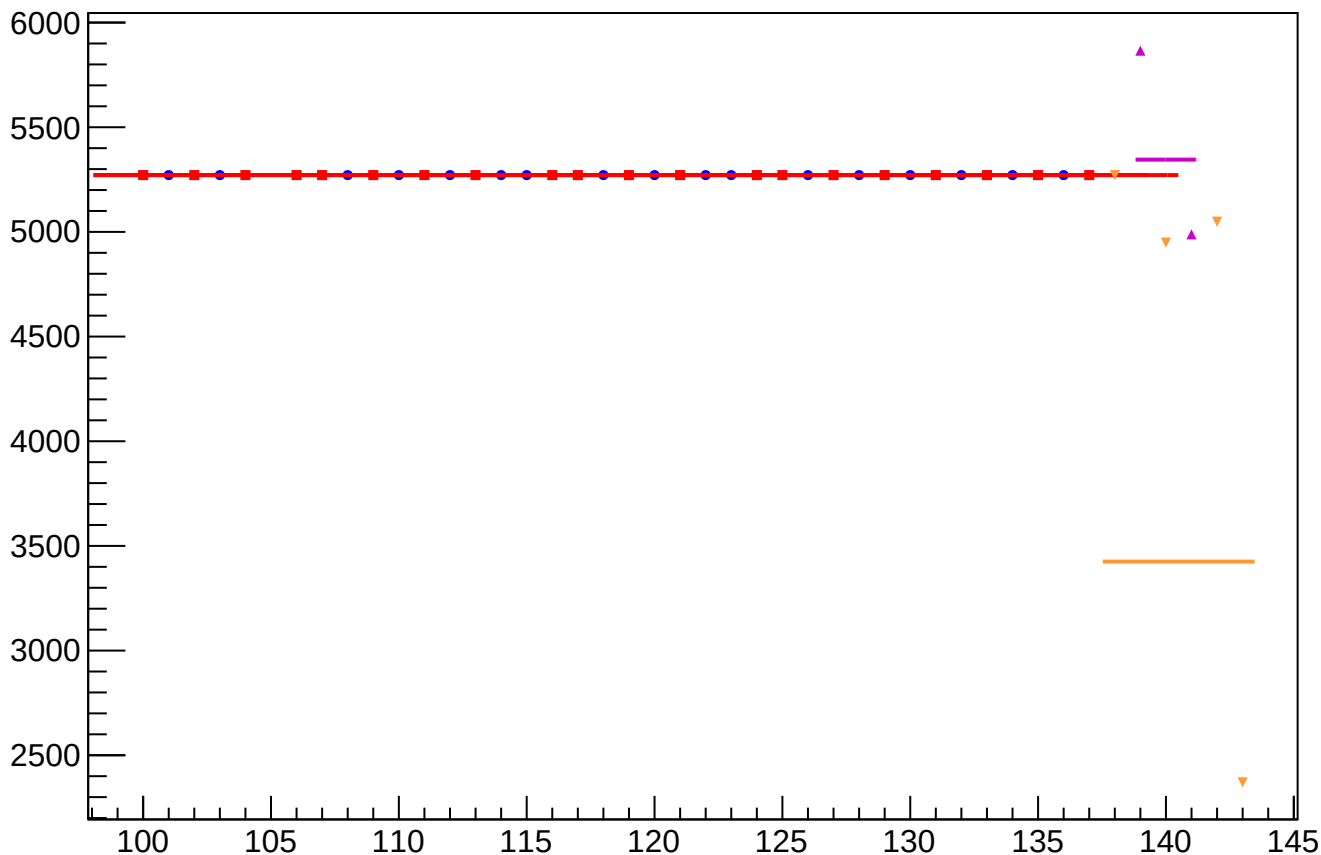
Left In: -2560.003+/-4197.399 χ^2/NDF : 0.1/1

3312.408+/-1257.621 χ^2/NDF : 1.9/20

-33.598+/-910.530 χ^2/NDF : 17.0/42

-3719.821+/-1320.010 χ^2/NDF : 0.2/21

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 5271.366 $\pm$ 1.067 χ^2 /NDF: 0.0/16

Left Out: 3425.110 $\pm$ 1.611 χ^2 /NDF:676657.1/3

Right Out: 5271.366 $\pm$ 0.983 χ^2 /NDF: 0.0/19

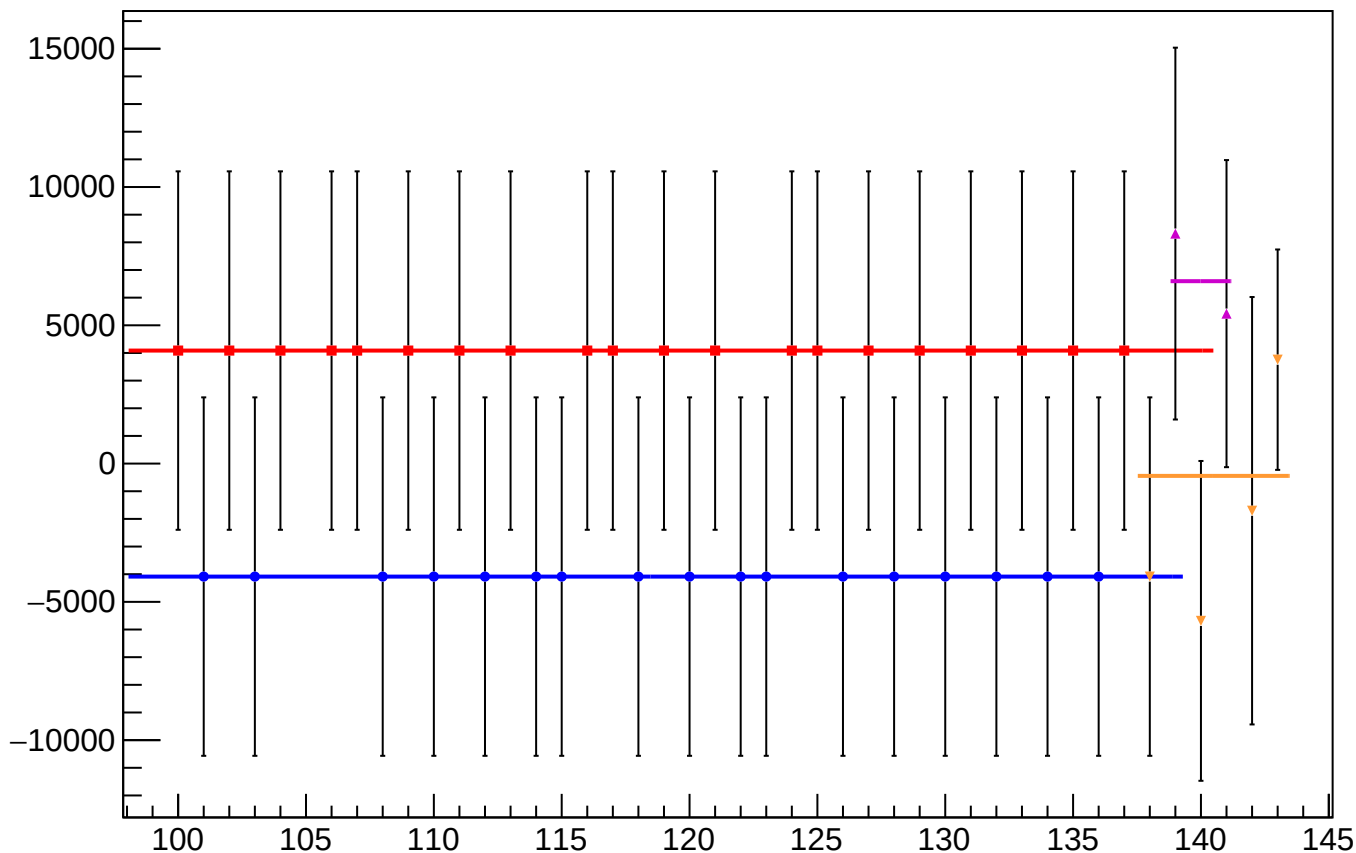
Left In: 5345.255 $\pm$ 2.968 χ^2 /NDF:21084.3/1

4708.709 $\pm$ 0.889 χ^2 /NDF: 1589935.6/20

4979.904 $\pm$ 0.644 χ^2 /NDF: 1807039.3/42

5278.673 $\pm$ 0.933 χ^2 /NDF: 21642.8/21

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: -4086.240+/-1571.736 χ^2/NDF : 0.0/16

Left Out: -444.655+/-2737.307 χ^2/NDF : 2.3/3

Right Out: 4086.240+/-1449.069 χ^2/NDF : 0.0/19

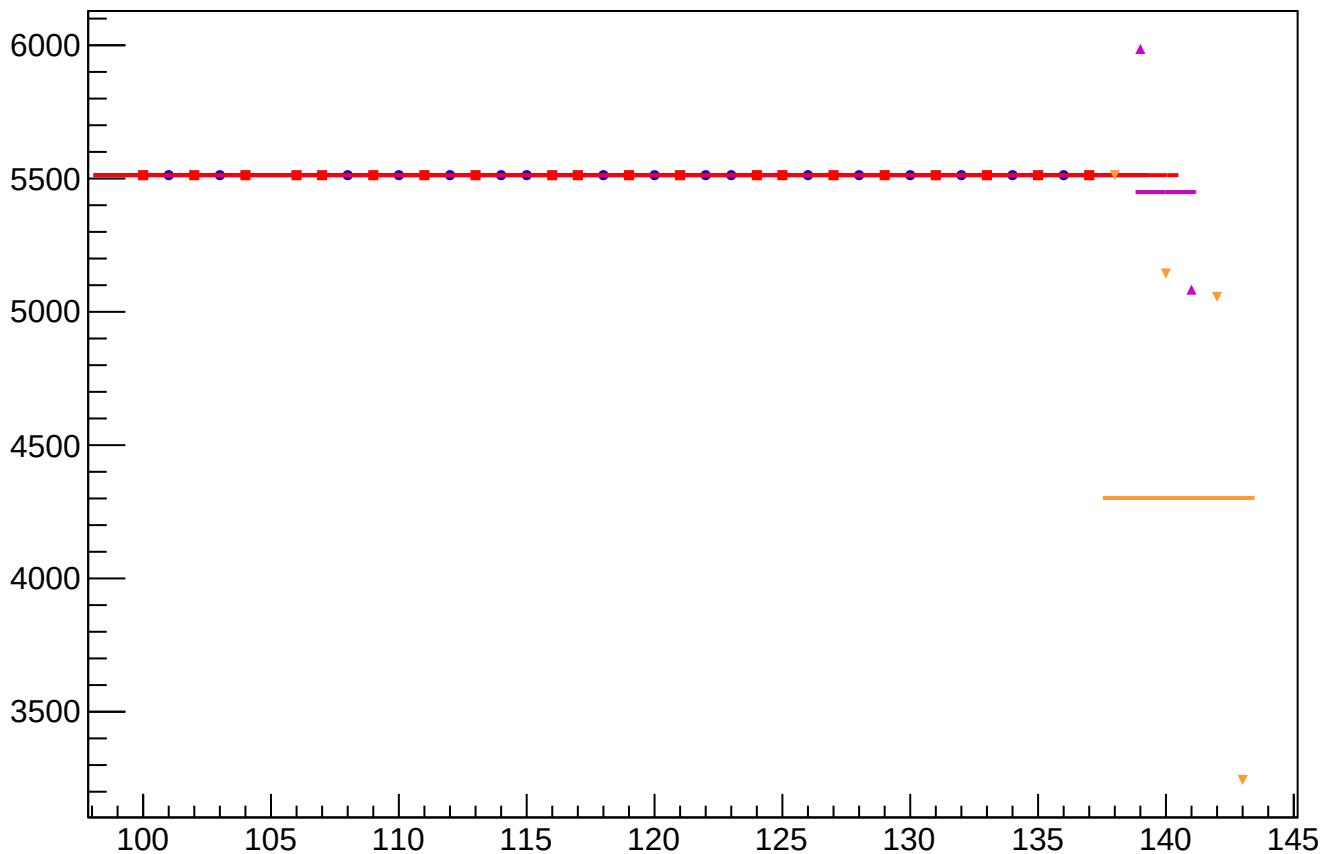
Left In: 6595.460+/-4280.693 χ^2/NDF : 0.1/1

-3183.317+/-1363.024 χ^2/NDF : 3.6/20

554.209+/-967.157 χ^2/NDF : 19.2/42

4344.212+/-1372.560 χ^2/NDF : 0.4/21

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 5512.679+/-1.111 χ^2/NDF : 0.0/16

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

Right Out: 5512.679+/-1.025 χ^2/NDF : 0.0/19

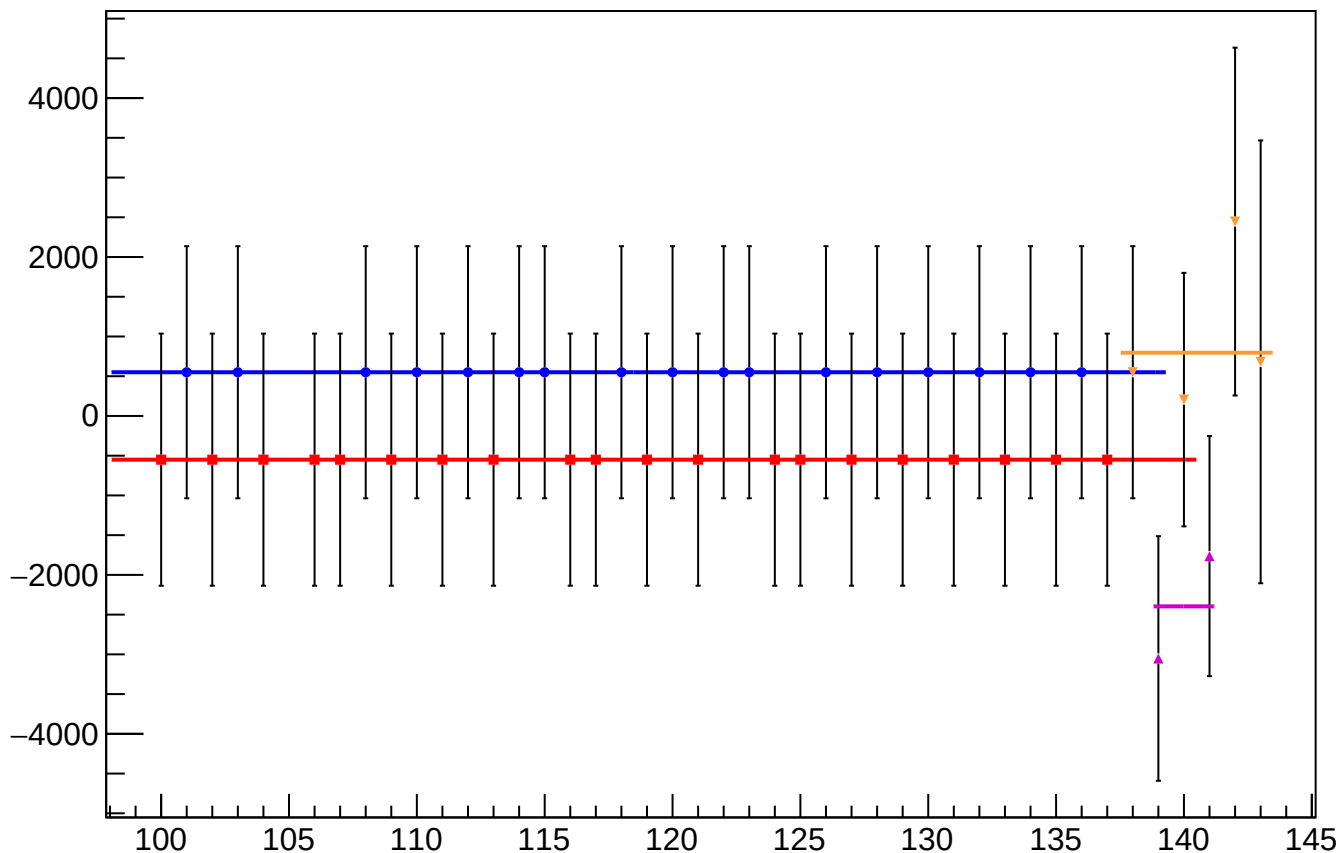
Left In: 5449.391+/-3.027 χ^2/NDF : 21450.5/1

5212.446+/-0.964 χ^2/NDF : 566622.4/20

5358.286+/-0.684 χ^2/NDF : 634579.9/42

5506.173+/-0.971 χ^2/NDF : 21842.7/21

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 550.049 $\pm$ 384.722 χ^2 /NDF: 0.0/16

Left Out: 795.919 $\pm$ 941.494 χ^2 /NDF:0.7/3

Right Out: -550.049 $\pm$ 354.696 χ^2 /NDF: 0.0/19

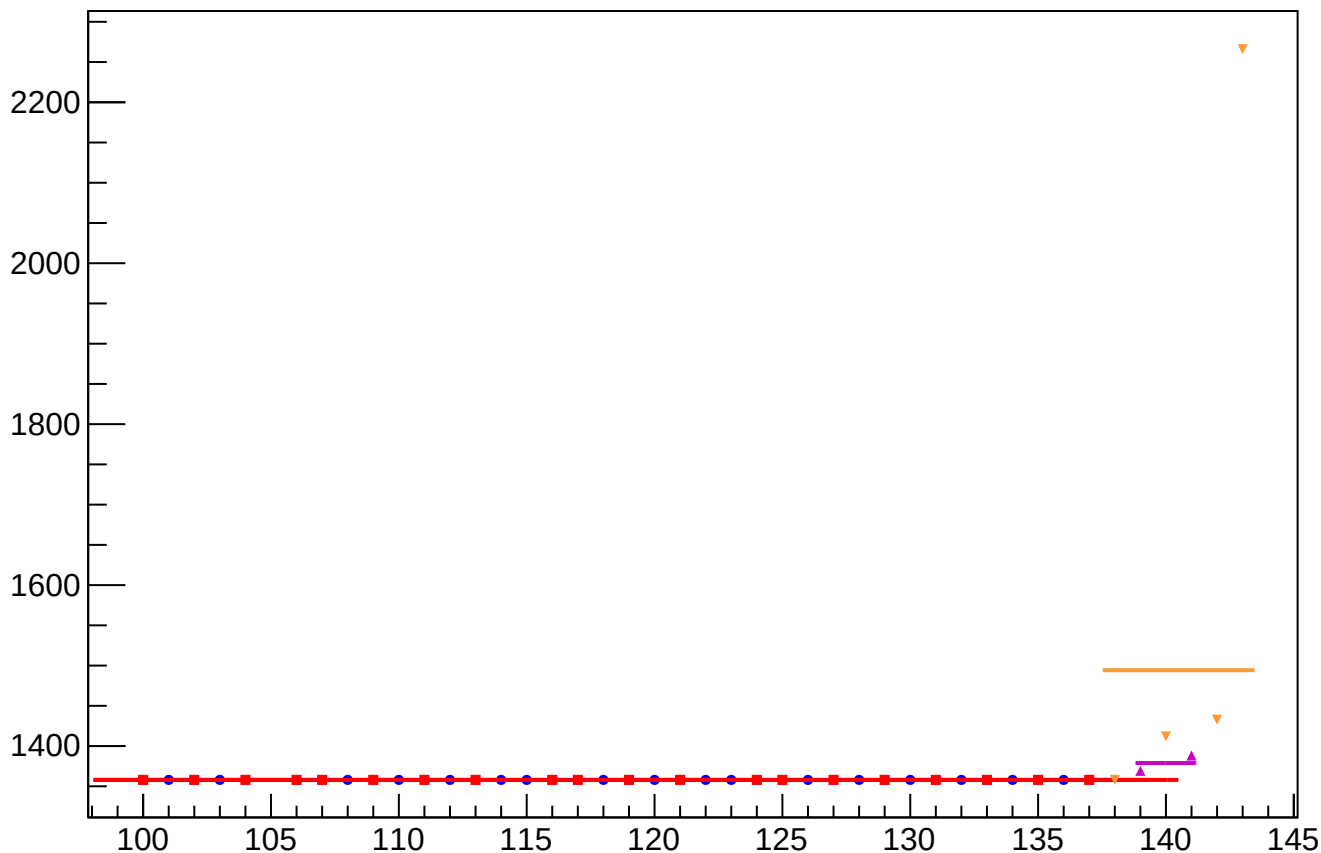
Left In: -2395.856 $\pm$ 1078.047 χ^2 /NDF:0.4/1

585.229 $\pm$ 356.136 χ^2 /NDF: 0.8/20

-108.990 $\pm$ 244.753 χ^2 /NDF: 11.0/42

-730.344 $\pm$ 336.928 χ^2 /NDF: 3.0/21

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1357.949 $\pm$ 0.272 χ^2 /NDF: 0.0/16

Left Out: 1494.266 $\pm$ 0.666 χ^2 /NDF:175060.3/3

Right Out: 1357.949 $\pm$ 0.251 χ^2 /NDF: 0.0/19

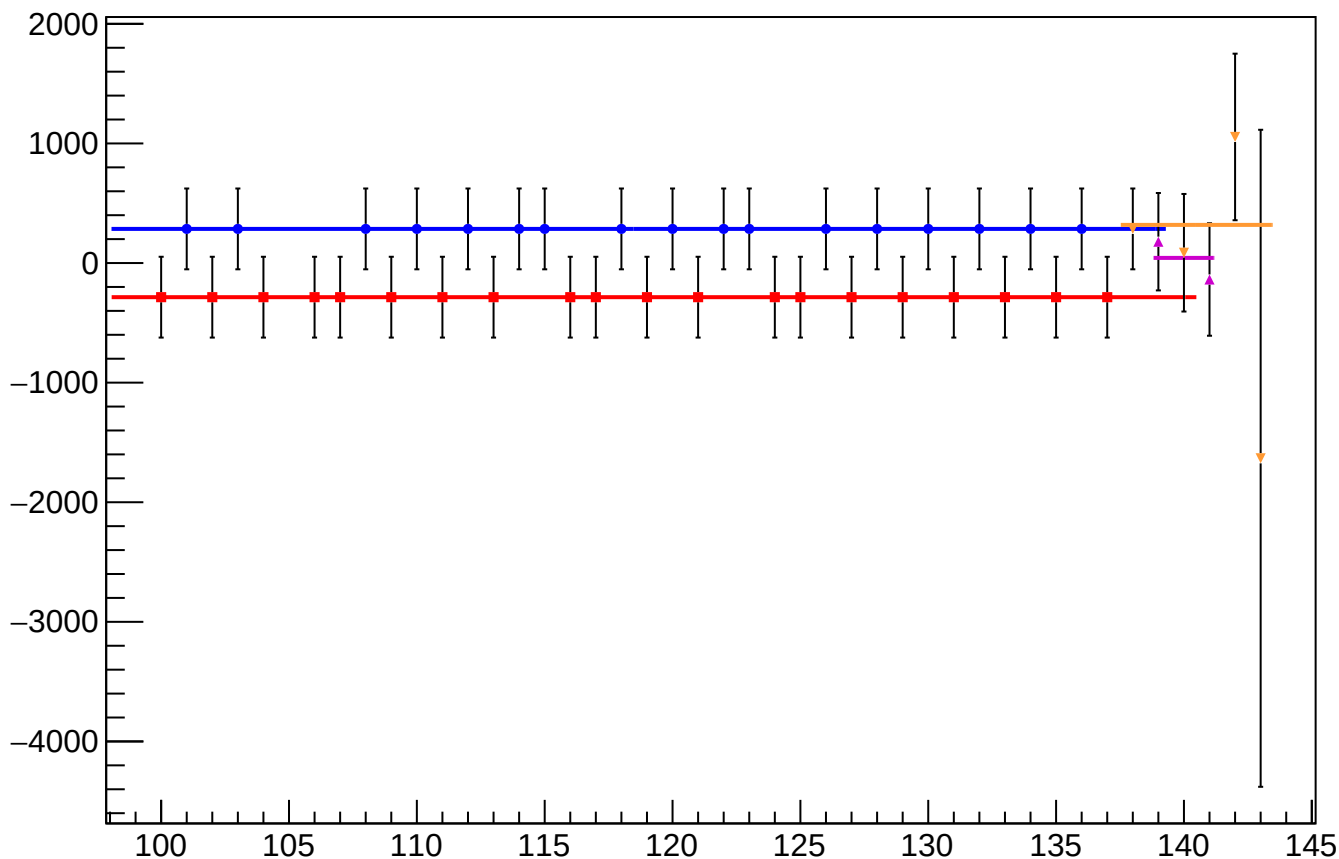
Left In: 1378.920 $\pm$ 0.762 χ^2 /NDF:154.4/1

1377.454 $\pm$ 0.252 χ^2 /NDF: 210988.6/20

1368.242 $\pm$ 0.173 χ^2 /NDF: 214361.7/42

1359.997 $\pm$ 0.238 χ^2 /NDF: 837.4/21

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: 285.426 ± 81.938 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 318.961 ± 257.371 $\chi^2/\text{NDF}: 1.9/3$

Right Out: -285.426 ± 75.543 $\chi^2/\text{NDF}: 0.0/19$

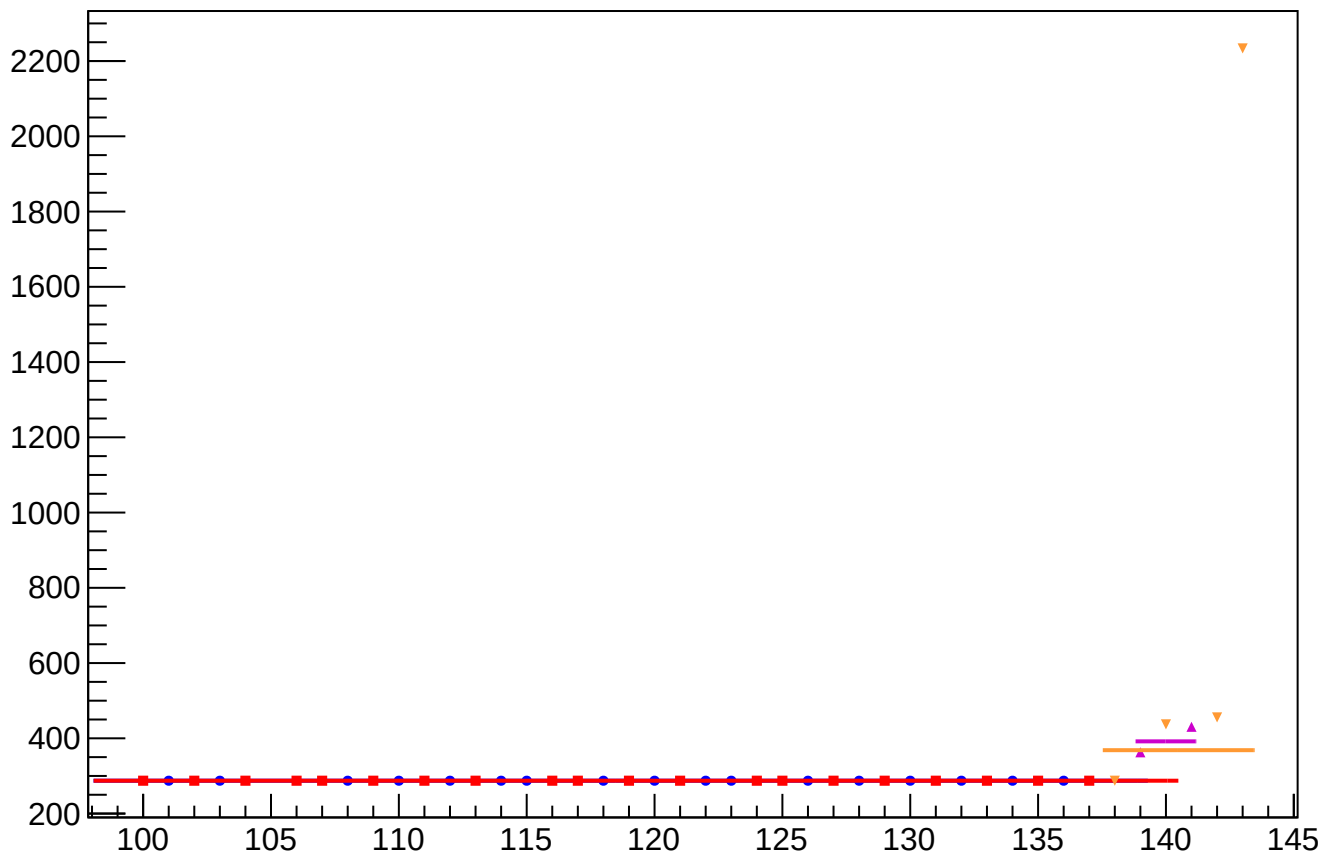
Left In: 42.968 ± 307.838 $\chi^2/\text{NDF}: 0.3/1$

288.512 ± 78.076 $\chi^2/\text{NDF}: 1.9/20$

-6.385 ± 53.465 $\chi^2/\text{NDF}: 30.1/42$

-266.773 ± 73.366 $\chi^2/\text{NDF}: 1.3/21$

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 287.339 $\pm$ 0.058 χ^2 /NDF: 0.0/16

Left Out: 368.478 $\pm$ 0.182 χ^2 /NDF:1107816.5/3

Right Out: 287.339 $\pm$ 0.053 χ^2 /NDF: 0.0/19

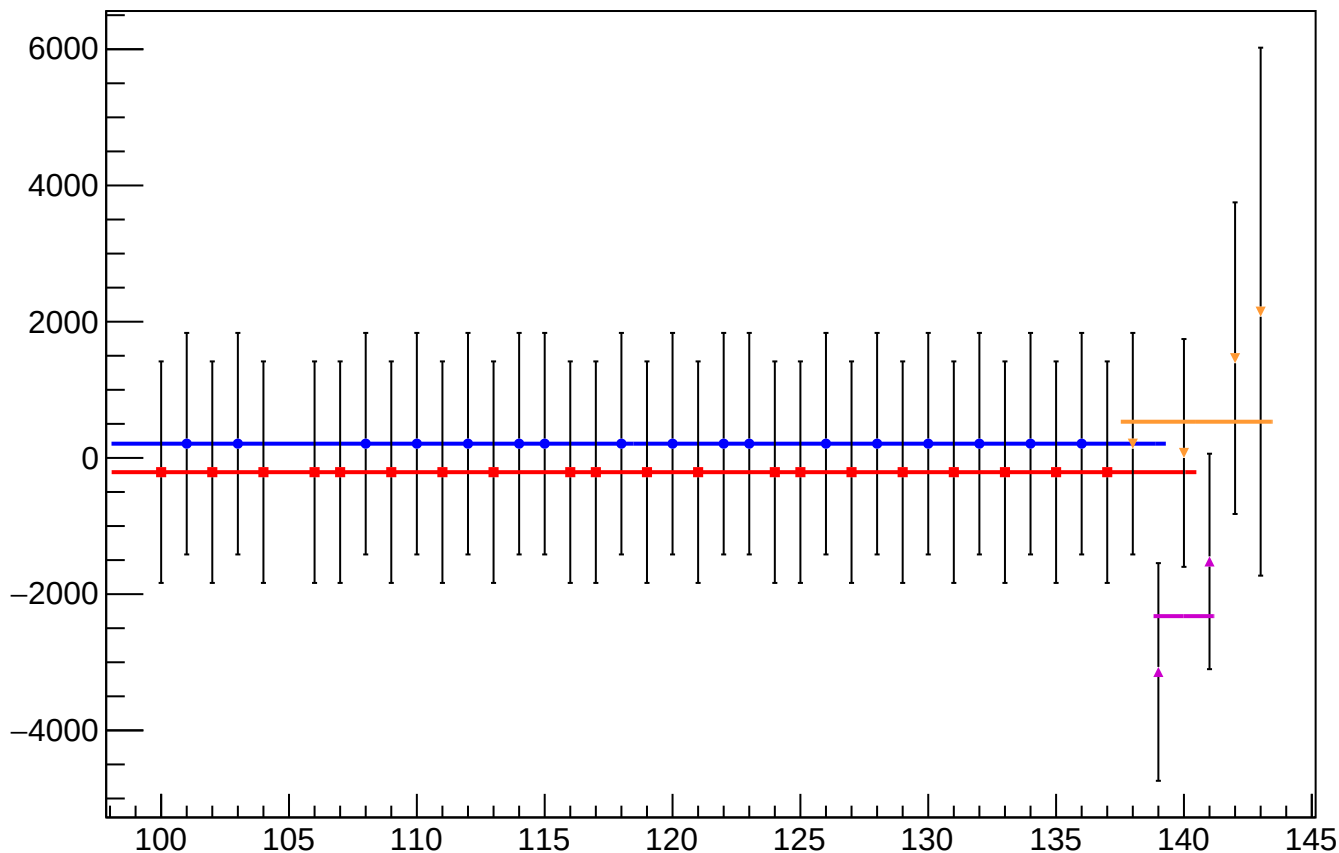
Left In: 391.912 $\pm$ 0.218 χ^2 /NDF:23761.7/1

294.806 $\pm$ 0.055 χ^2 /NDF: 1288300.3/20

293.995 $\pm$ 0.038 χ^2 /NDF: 1530151.5/42

293.279 $\pm$ 0.052 χ^2 /NDF: 241444.7/21

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 209.113 $\pm$ 394.402 χ^2 /NDF: 0.0/16

Left Out: 531.578 $\pm$ 1003.298 χ^2 /NDF: 0.5/3

Right Out: -209.113 $\pm$ 363.621 χ^2 /NDF: 0.0/19

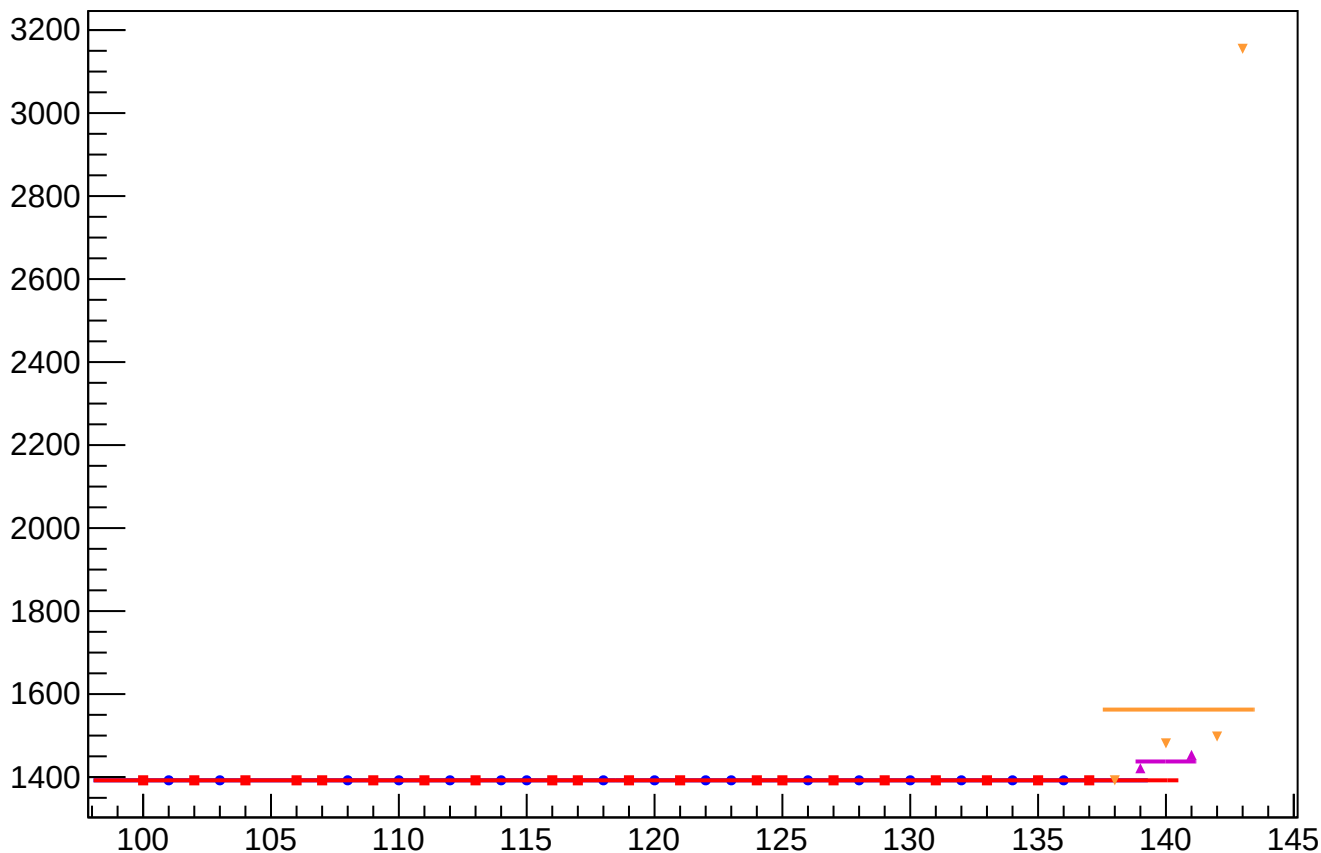
Left In: -2322.737 $\pm$ 1124.055 χ^2 /NDF: 0.5/1

252.275 $\pm$ 367.059 χ^2 /NDF: 0.5/20

-98.086 $\pm$ 251.763 χ^2 /NDF: 6.0/42

-409.342 $\pm$ 345.969 χ^2 /NDF: 3.7/21

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1392.205+/-0.279 χ^2/NDF : 0.0/16

Left Out: 1562.654+/-0.709 χ^2/NDF : 365873.5/3

Right Out: 1392.205+/-0.257 χ^2/NDF : 0.0/19

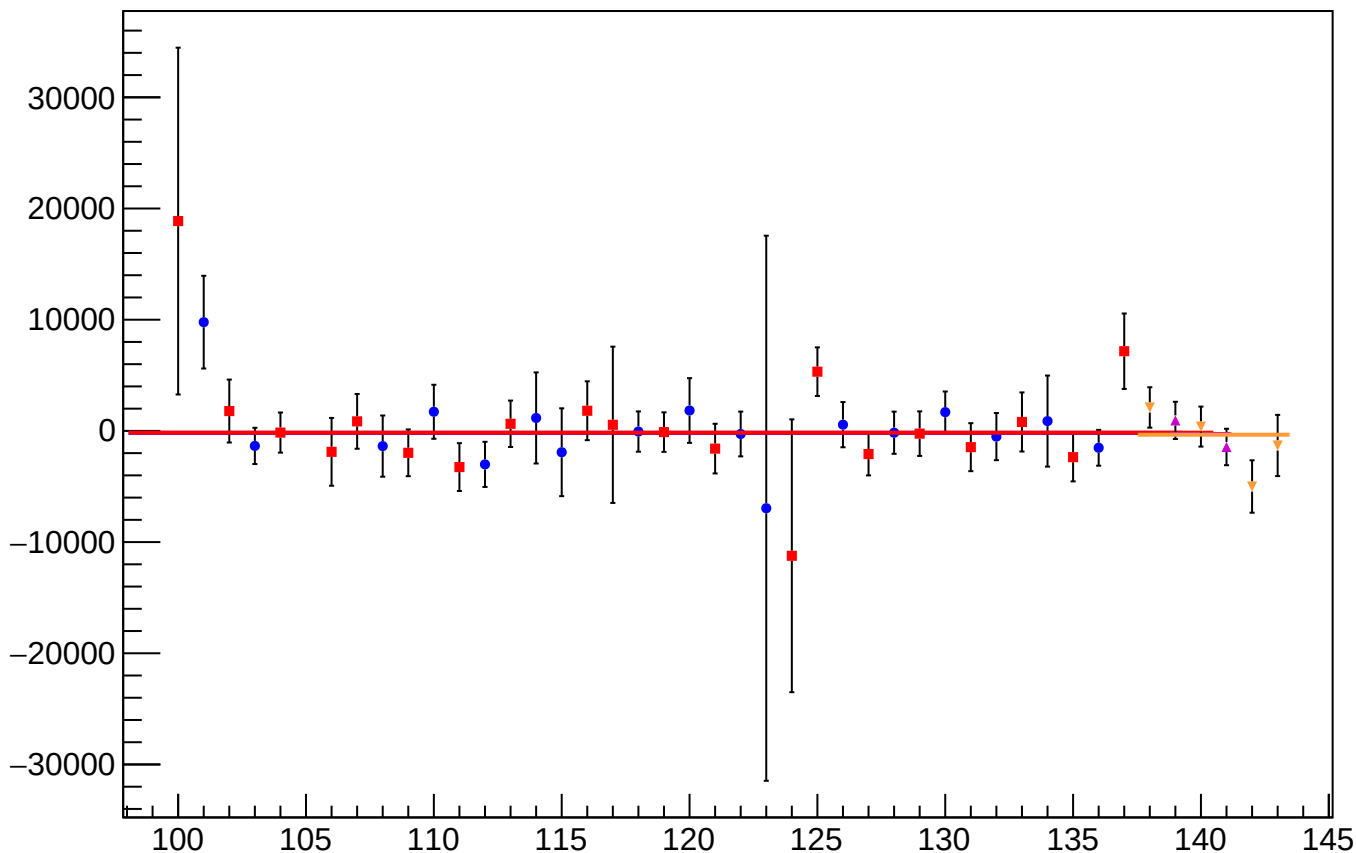
Left In: 1437.596+/-0.795 χ^2/NDF : 410.3/1

1415.019+/-0.260 χ^2/NDF : 415871.6/20

1405.215+/-0.178 χ^2/NDF : 421928.8/42

1396.505+/-0.245 χ^2/NDF : 3362.7/21

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: -343.346+/-1040.542 χ^2/NDF : 6.0/3

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

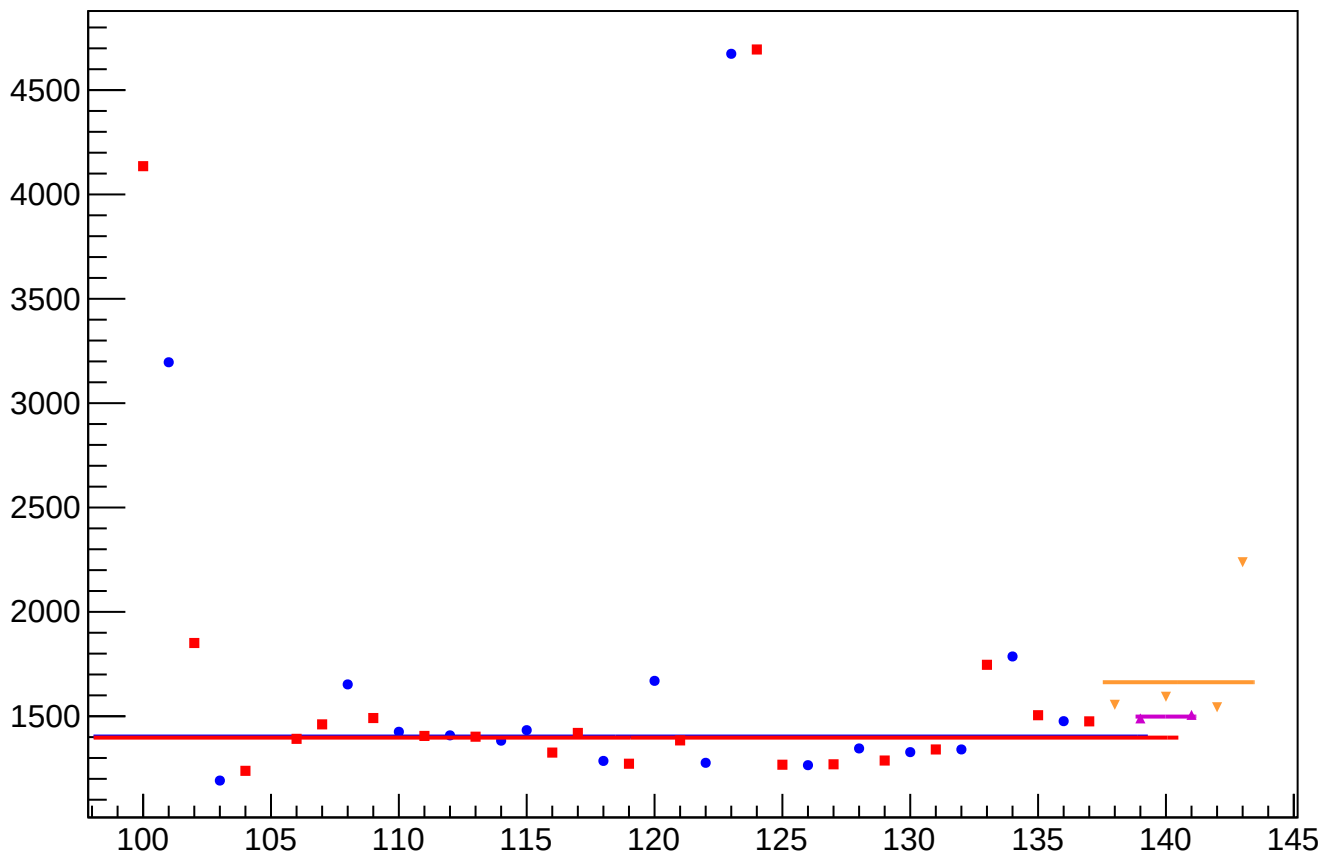
Left In: -277.812+/-1171.596 χ^2/NDF : 1.0/1

-212.126+/-489.463 χ^2/NDF : 17.8/20

-196.640+/-346.045 χ^2/NDF : 39.5/42

-181.164+/-489.300 χ^2/NDF : 21.7/21

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.709 $\pm$ 0.392 χ^2 /NDF: 526326.4/16

Left Out: 1662.982 $\pm$ 0.736 χ^2 /NDF: 102528.2/3

Right Out: 1397.574 $\pm$ 0.381 χ^2 /NDF: 353385.9/19

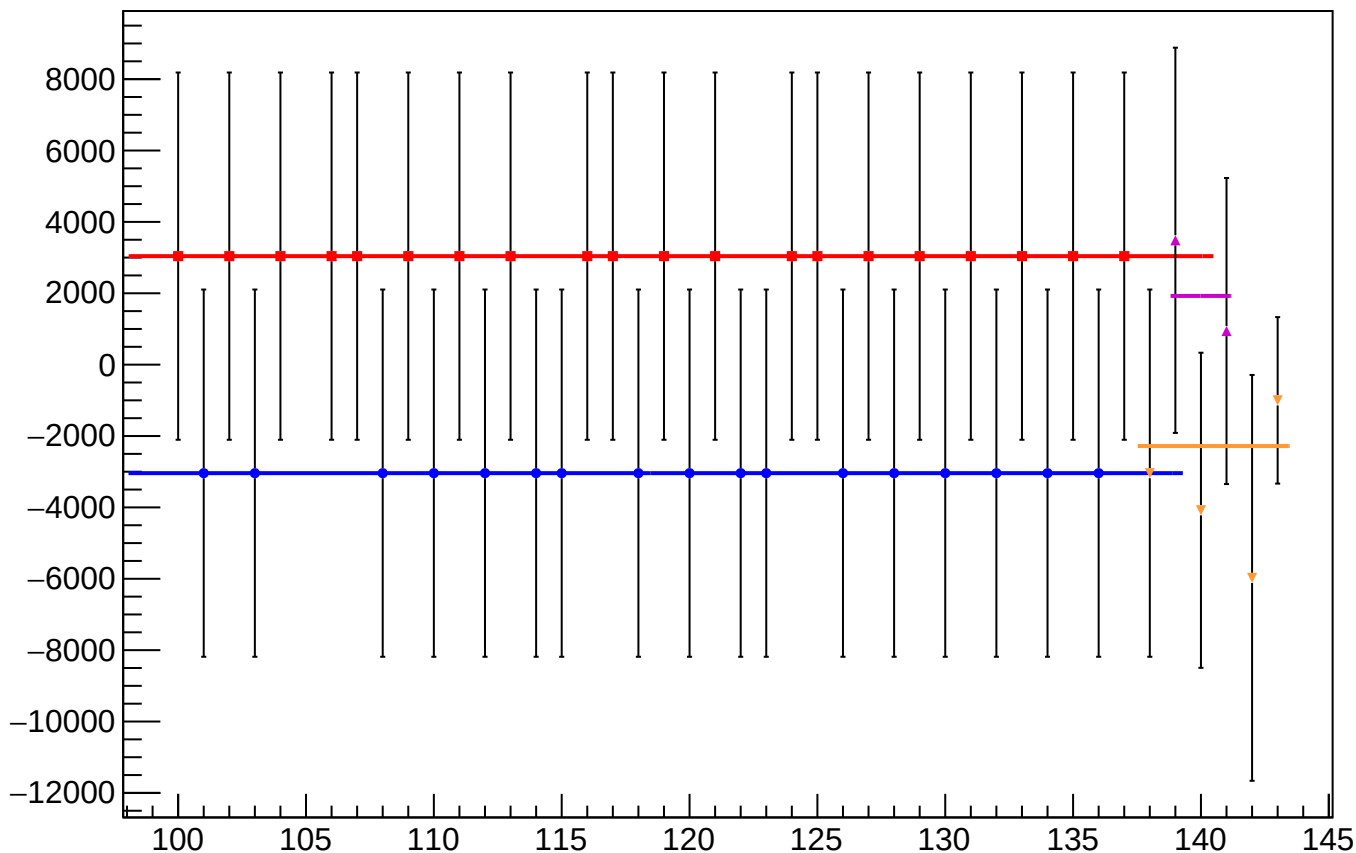
Left In: 1498.326 $\pm$ 0.828 χ^2 /NDF: 102.8/1

1460.299 $\pm$ 0.346 χ^2 /NDF: 726299.4/20

1437.697 $\pm$ 0.245 χ^2 /NDF: 1100523.6/42

1415.131 $\pm$ 0.346 χ^2 /NDF: 365701.7/21

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: -3040.411 $\pm$ 1247.937 χ^2 /NDF: 0.0/16

Left Out: -2280.599 $\pm$ 1814.197 χ^2 /NDF: 0.9/3

Right Out: 3040.411 $\pm$ 1150.541 χ^2 /NDF: 0.0/19

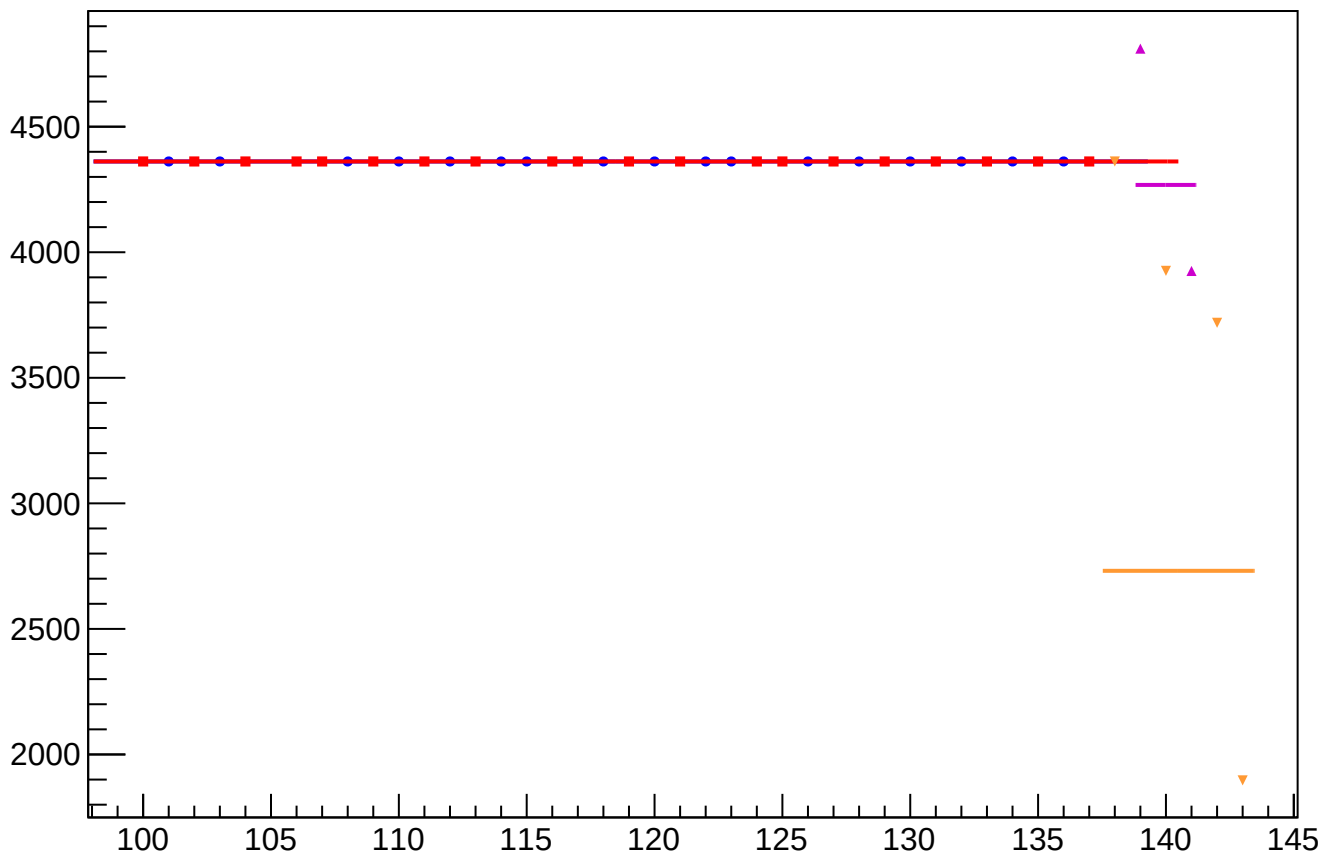
Left In: 1925.940 $\pm$ 3357.479 χ^2 /NDF: 0.1/1

-2796.366 $\pm$ 1028.173 χ^2 /NDF: 1.0/20

-99.180 $\pm$ 747.416 χ^2 /NDF: 15.9/42

2923.293 $\pm$ 1088.409 χ^2 /NDF: 0.2/21

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 4361.513+/-0.882 χ^2/NDF : 0.0/16

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

Right Out: 4361.513+/-0.814 χ^2/NDF : 0.0/19

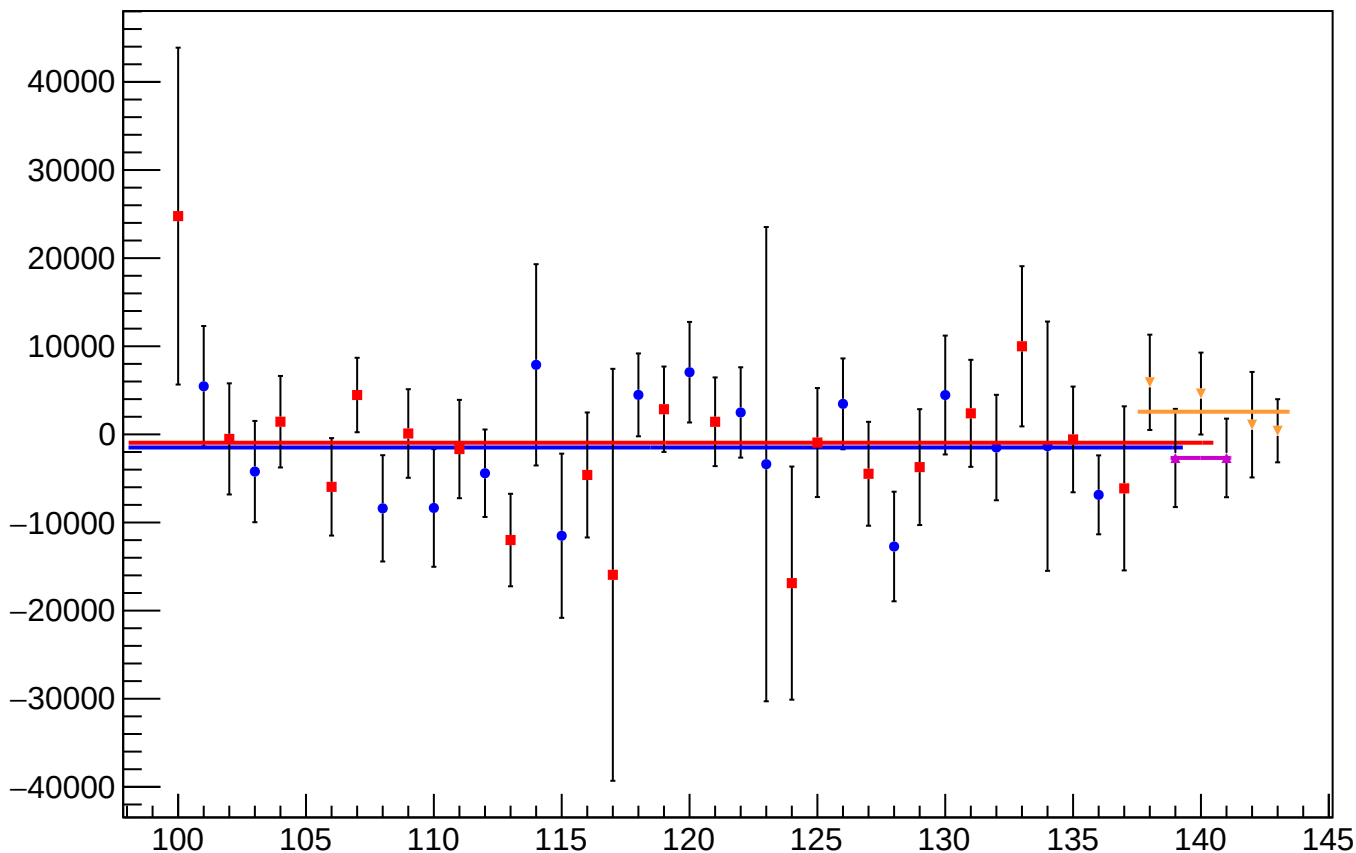
Left In: 4268.083+/-2.374 χ^2/NDF : 32991.2/1

3837.912+/-0.727 χ^2/NDF : 1759772.5/20

4080.194+/-0.529 χ^2/NDF : 2029652.7/42

4351.695+/-0.770 χ^2/NDF : 34377.1/21

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

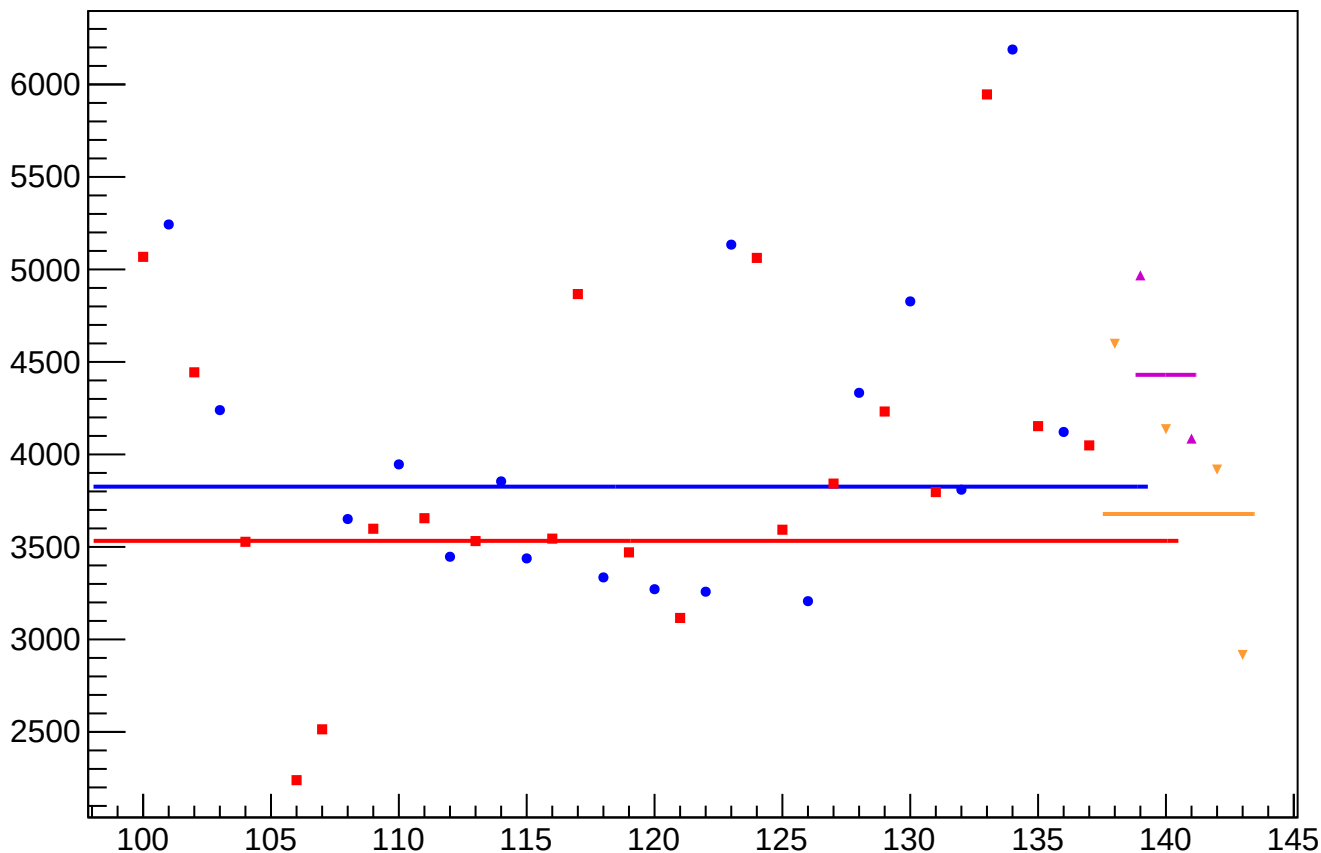
Left In: -2674.503+/-3481.723 χ^2/NDF : 0.0/1

-288.923+/-1258.600 χ^2/NDF : 19.8/20

-726.880+/-897.471 χ^2/NDF : 34.8/42

-1179.932+/-1280.104 χ^2/NDF : 14.8/21

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 3678.095+/-1.638 χ^2/NDF : 171063.1/3

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

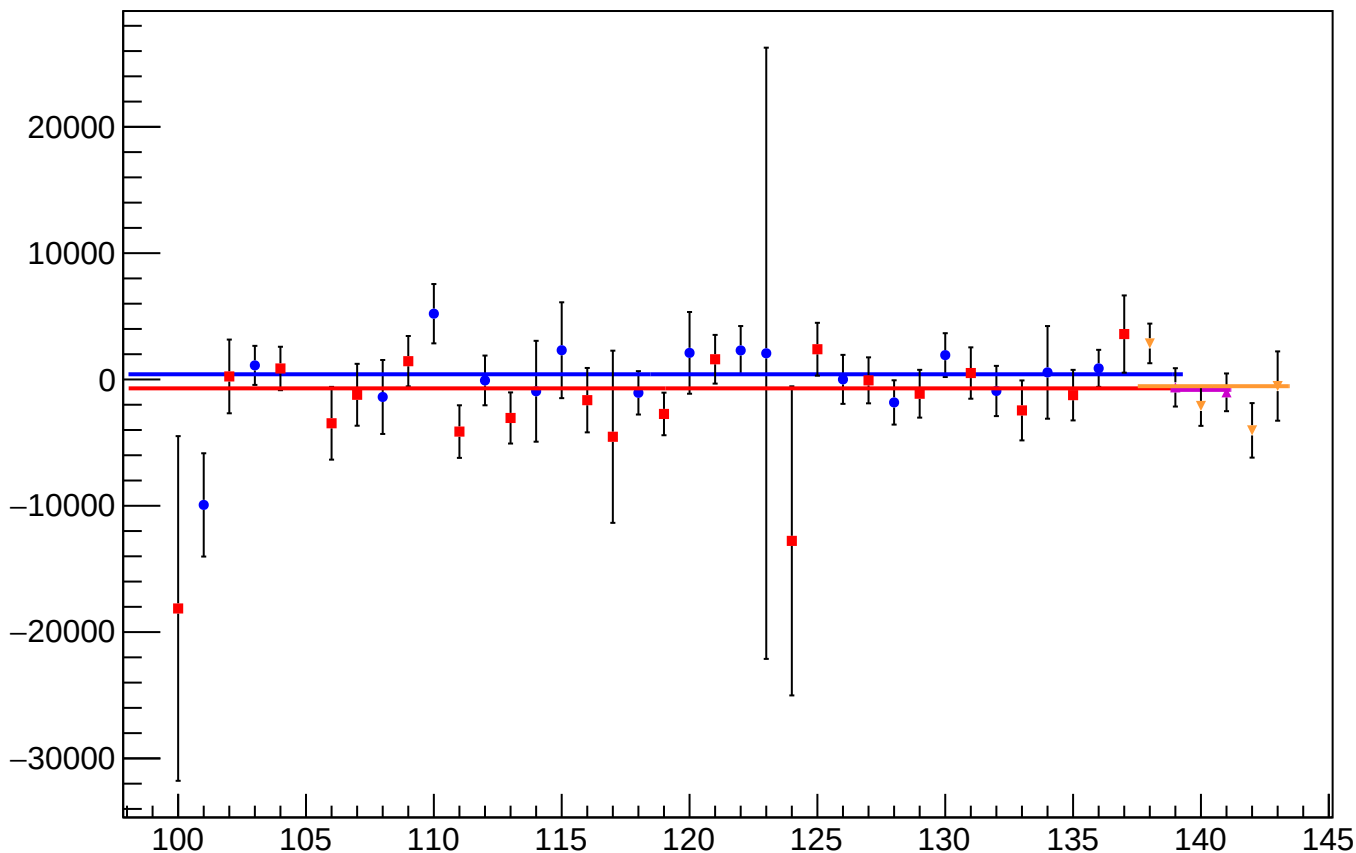
Left In: 4430.246+/-2.462 χ^2/NDF : 30571.6/1

3782.239+/-0.890 χ^2/NDF : 511201.1/20

3717.839+/-0.632 χ^2/NDF : 1229478.5/42

3652.258+/-0.898 χ^2/NDF : 707708.2/21

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

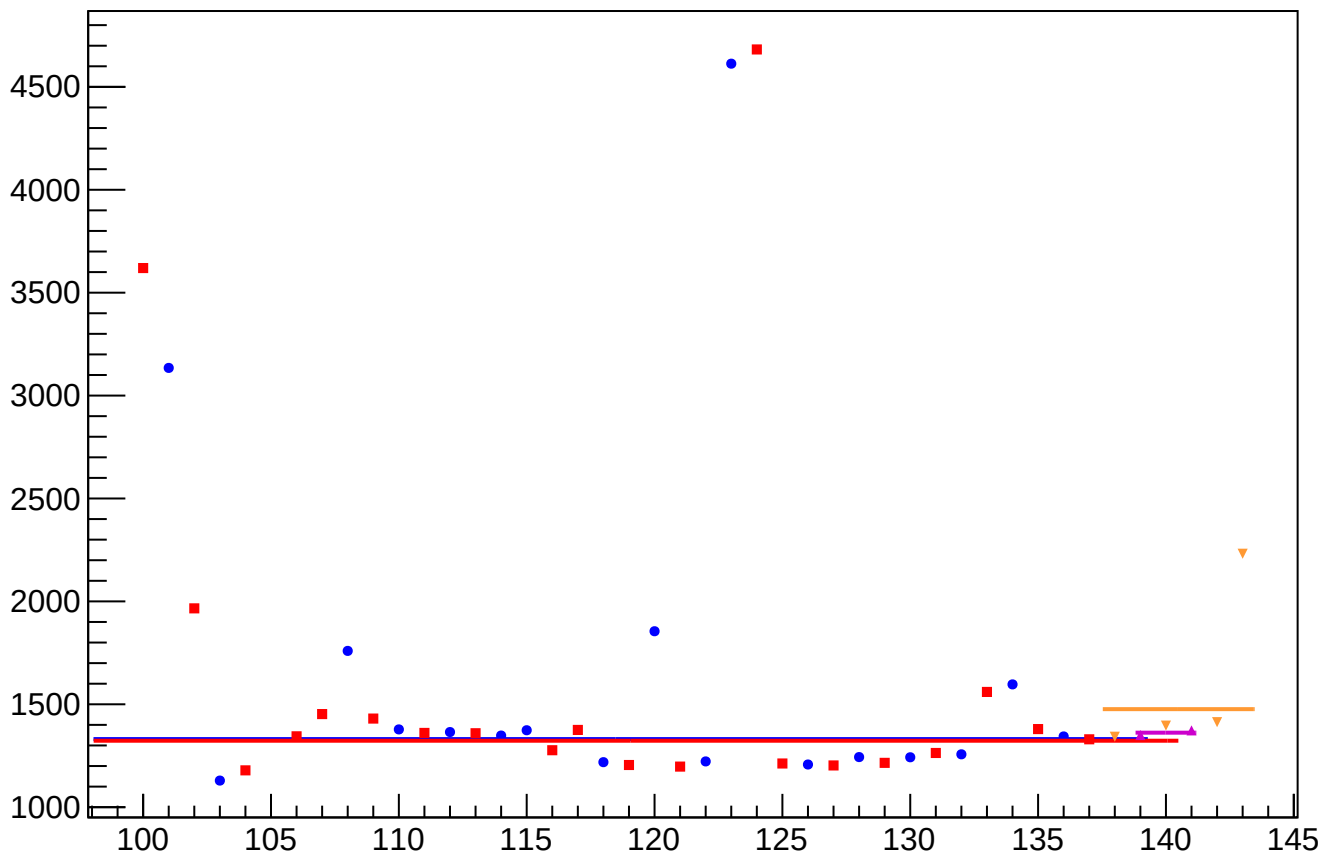
Left In: -824.724+/-1064.823 χ^2/NDF : 0.0/1

181.555+/-459.162 χ^2/NDF : 25.6/20

-272.397+/-324.642 χ^2/NDF : 45.9/42

-726.155+/-459.063 χ^2/NDF : 18.4/21

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.889+/-0.373 χ^2/NDF : 603474.5/16

Left Out: 1476.397+/-0.658 χ^2/NDF : 172899.8/3

Right Out: 1322.999+/-0.360 χ^2/NDF : 394532.6/19

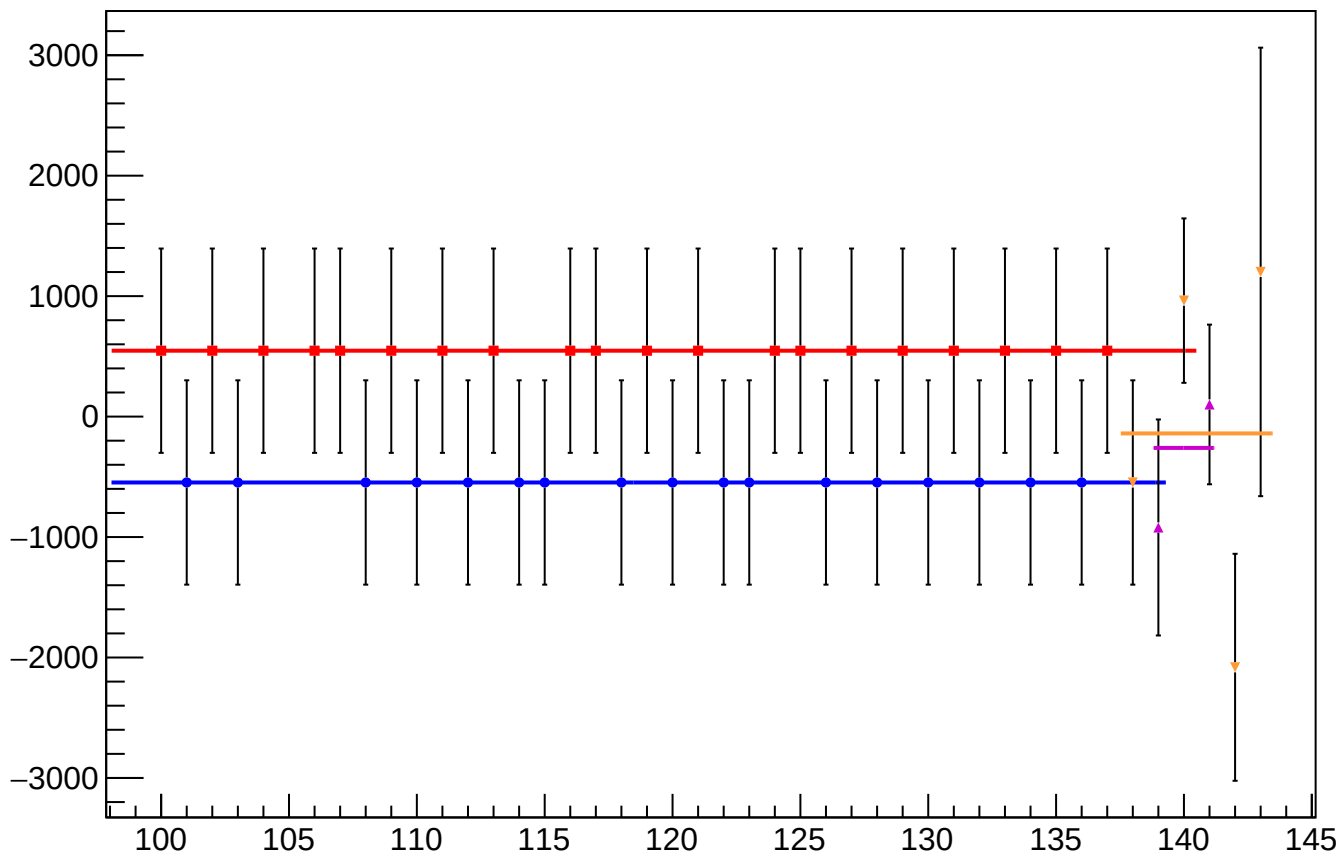
Left In: 1362.088+/-0.753 χ^2/NDF : 226.3/1

1366.349+/-0.325 χ^2/NDF : 813392.8/20

1348.303+/-0.230 χ^2/NDF : 1216523.3/42

1330.264+/-0.325 χ^2/NDF : 396953.0/21

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: -546.996 $\pm$ 205.710 χ^2 /NDF: 0.0/16

Left Out: -139.664 $\pm$ 449.386 χ^2 /NDF: 7.6/3

Right Out: 546.996 $\pm$ 189.655 χ^2 /NDF: 0.0/19

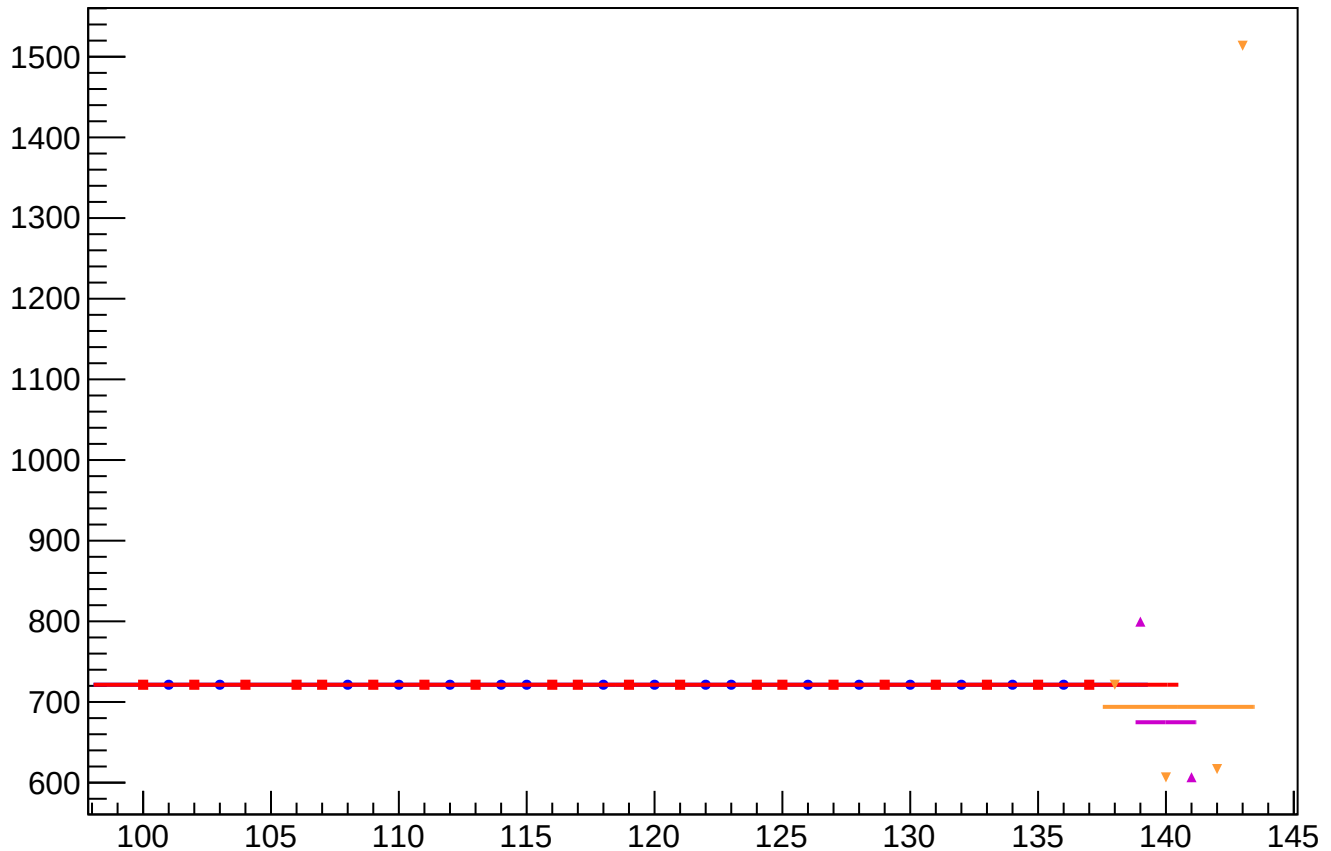
Left In: -260.072 $\pm$ 532.937 χ^2 /NDF: 0.8/1

-476.429 $\pm$ 187.044 χ^2 /NDF: 8.3/20

11.249 $\pm$ 129.201 χ^2 /NDF: 24.2/42

456.276 $\pm$ 178.678 χ^2 /NDF: 2.9/21

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 721.380+/-0.145 χ^2/NDF : 0.0/16

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

Right Out: 721.380+/-0.134 χ^2/NDF : 0.0/19

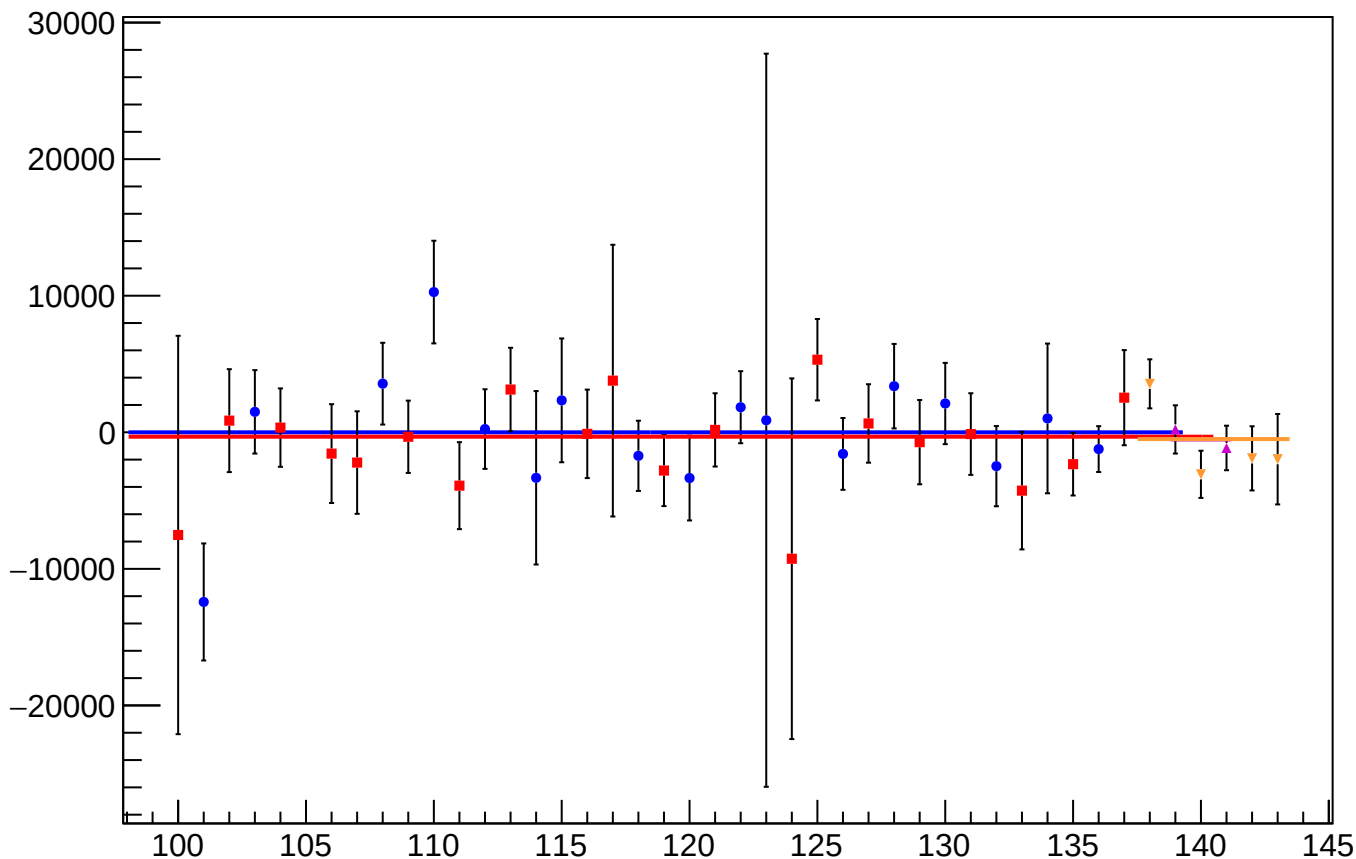
Left In: 674.890+/-0.377 χ^2/NDF : 59862.5/1

716.630+/-0.132 χ^2/NDF : 442255.6/20

716.382+/-0.091 χ^2/NDF : 515633.5/42

716.155+/-0.126 χ^2/NDF : 73371.2/21

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

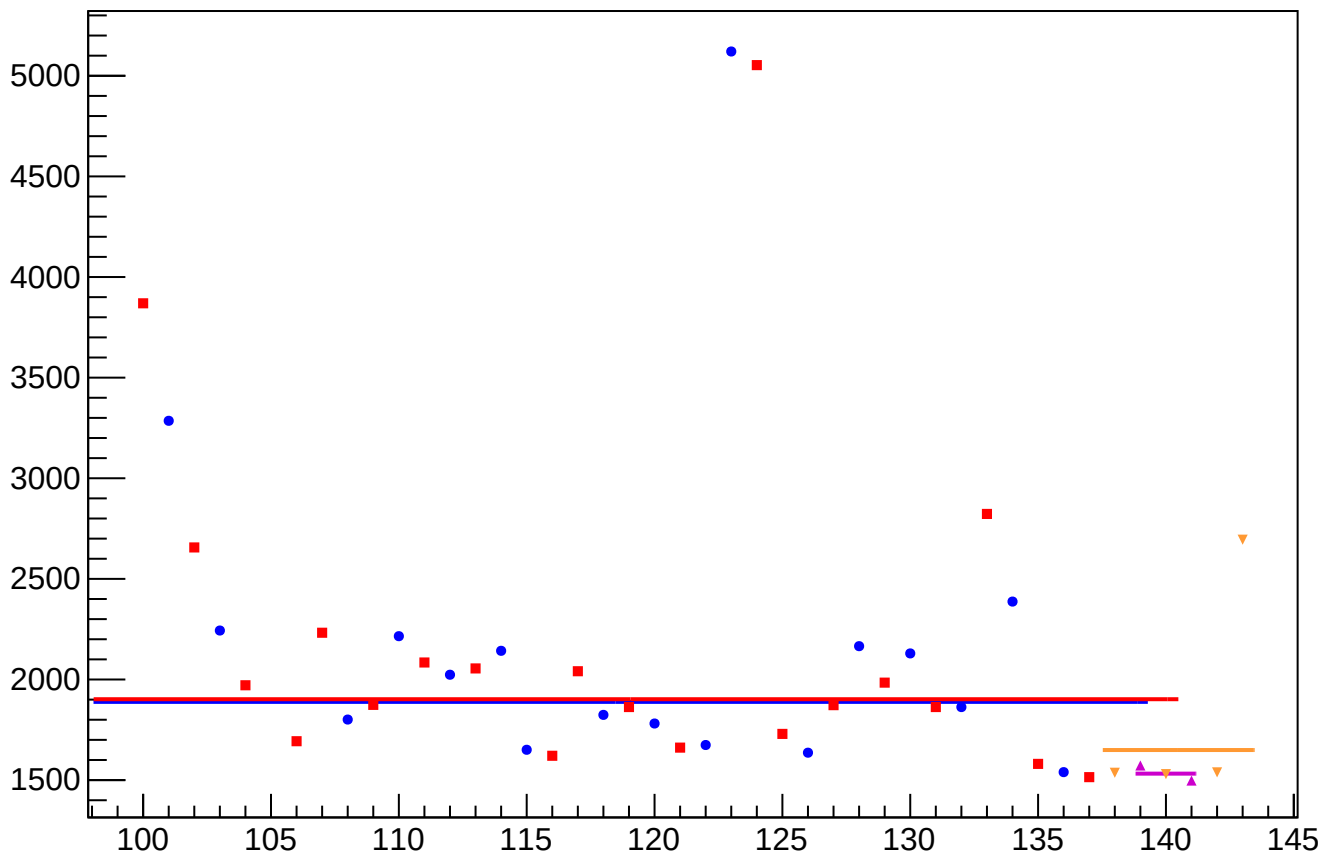
Left In: -523.170 ± 1197.843 χ^2/NDF : 0.3/1

-169.429 ± 606.375 χ^2/NDF : 31.5/20

-270.296 ± 435.019 χ^2/NDF : 42.8/42

-377.263 ± 624.441 χ^2/NDF : 11.2/21

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1649.490 $\pm$ 0.738 χ^2 /NDF: 221303.4/3

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

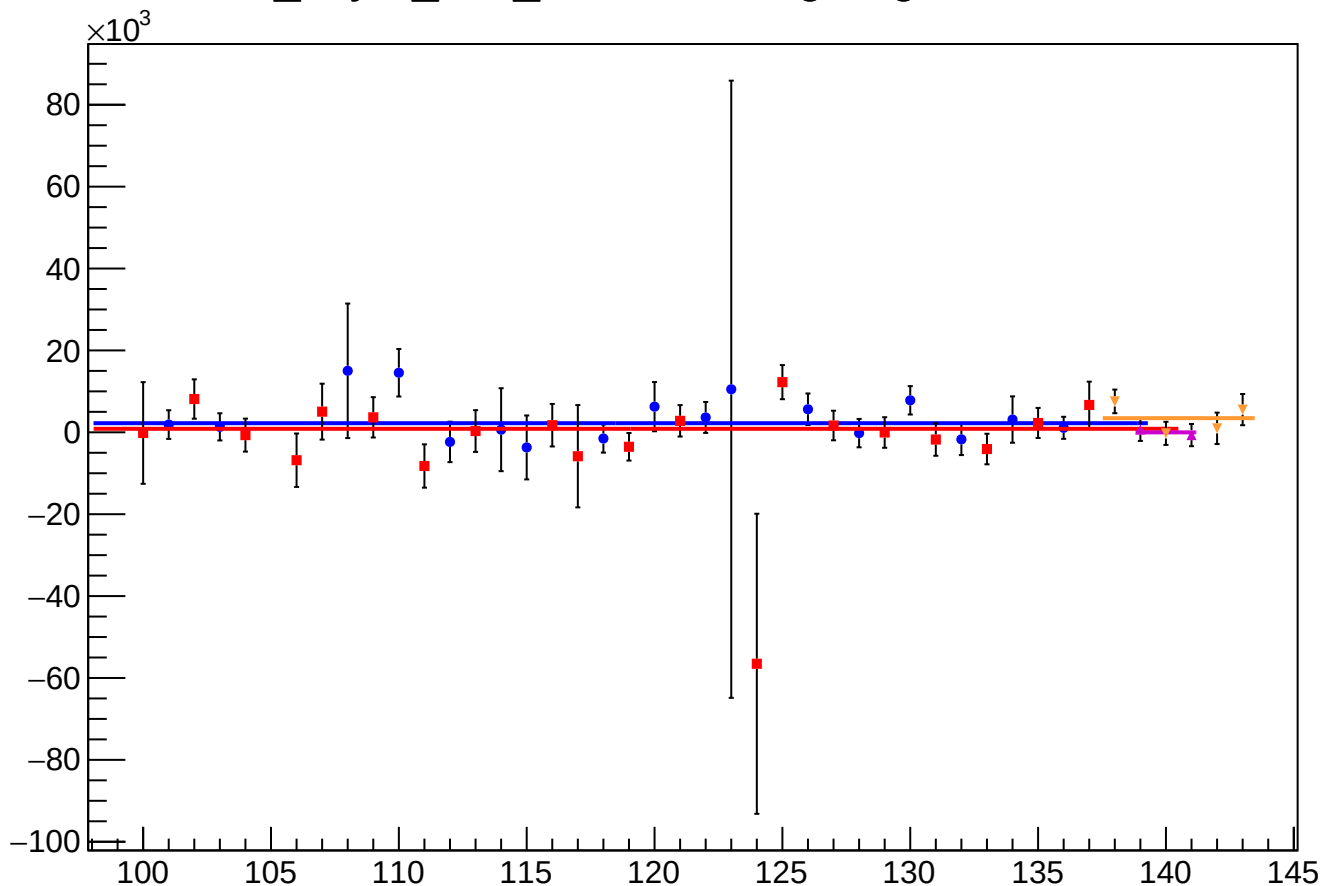
Left In: 1532.177 $\pm$ 0.847 χ^2 /NDF: 1940.8/1

1808.008 $\pm$ 0.429 χ^2 /NDF: 756817.5/20

1804.851 $\pm$ 0.308 χ^2 /NDF: 1359524.7/42

1801.503 $\pm$ 0.442 χ^2 /NDF: 602595.5/21

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

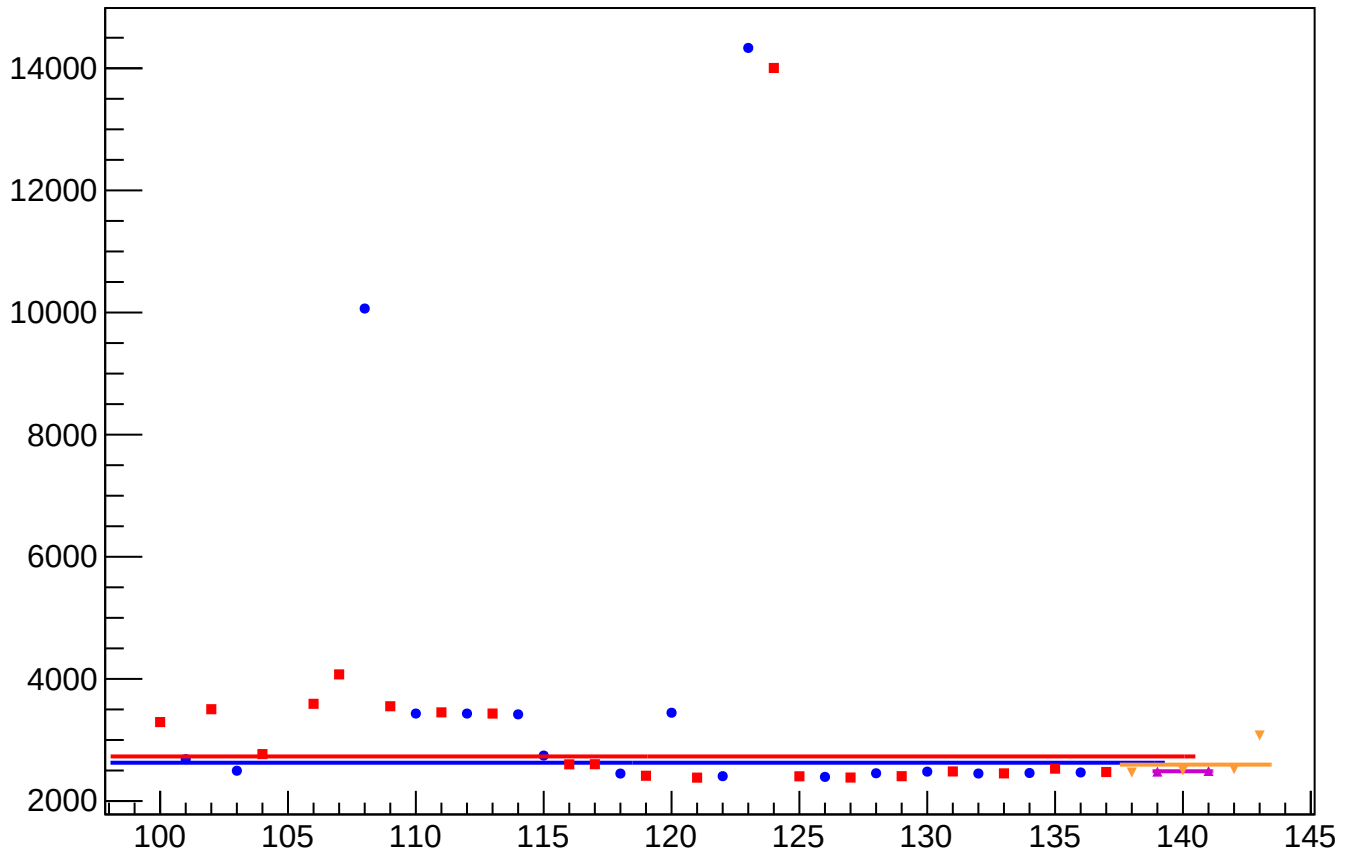
Left In: -13.584 ± 1944.738 χ^2/NDF : 0.1/1

2587.149 ± 874.292 χ^2/NDF : 18.4/20

1674.459 ± 633.533 χ^2/NDF : 44.2/42

665.371 ± 919.303 χ^2/NDF : 23.5/21

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2596.483+/-1.143 χ^2/NDF : 38505.5/3

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

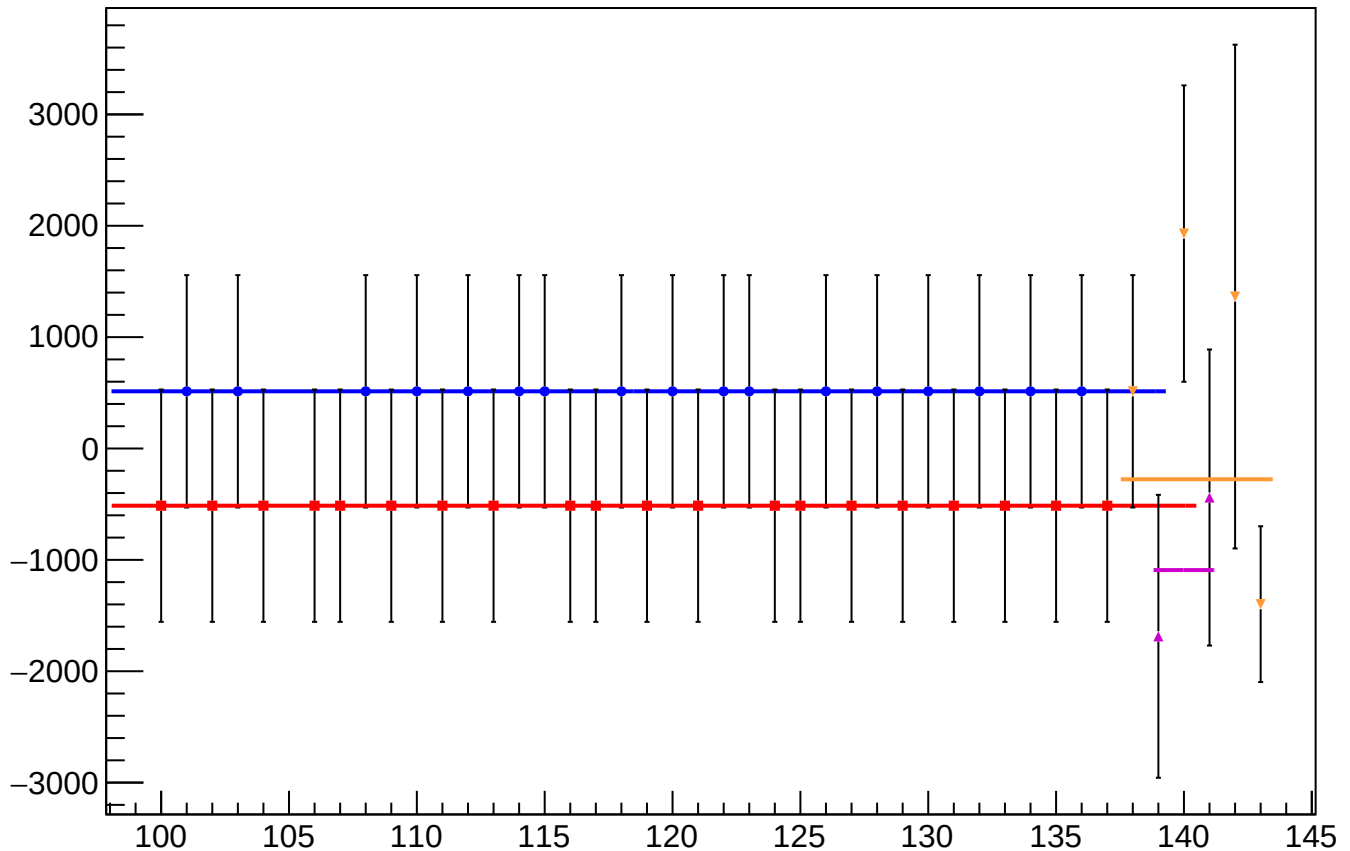
Left In: 2487.657+/-1.375 χ^2/NDF : 13.4/1

2618.483+/-0.618 χ^2/NDF : 683425.3/20

2645.865+/-0.448 χ^2/NDF : 1310178.7/42

2676.139+/-0.650 χ^2/NDF : 622622.7/21

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 513.556 $\pm$ 253.035 χ^2 /NDF: 0.0/16

Left Out: -276.282 $\pm$ 518.293 χ^2 /NDF:6.4/3

Right Out: -513.556 $\pm$ 233.287 χ^2 /NDF: 0.0/19

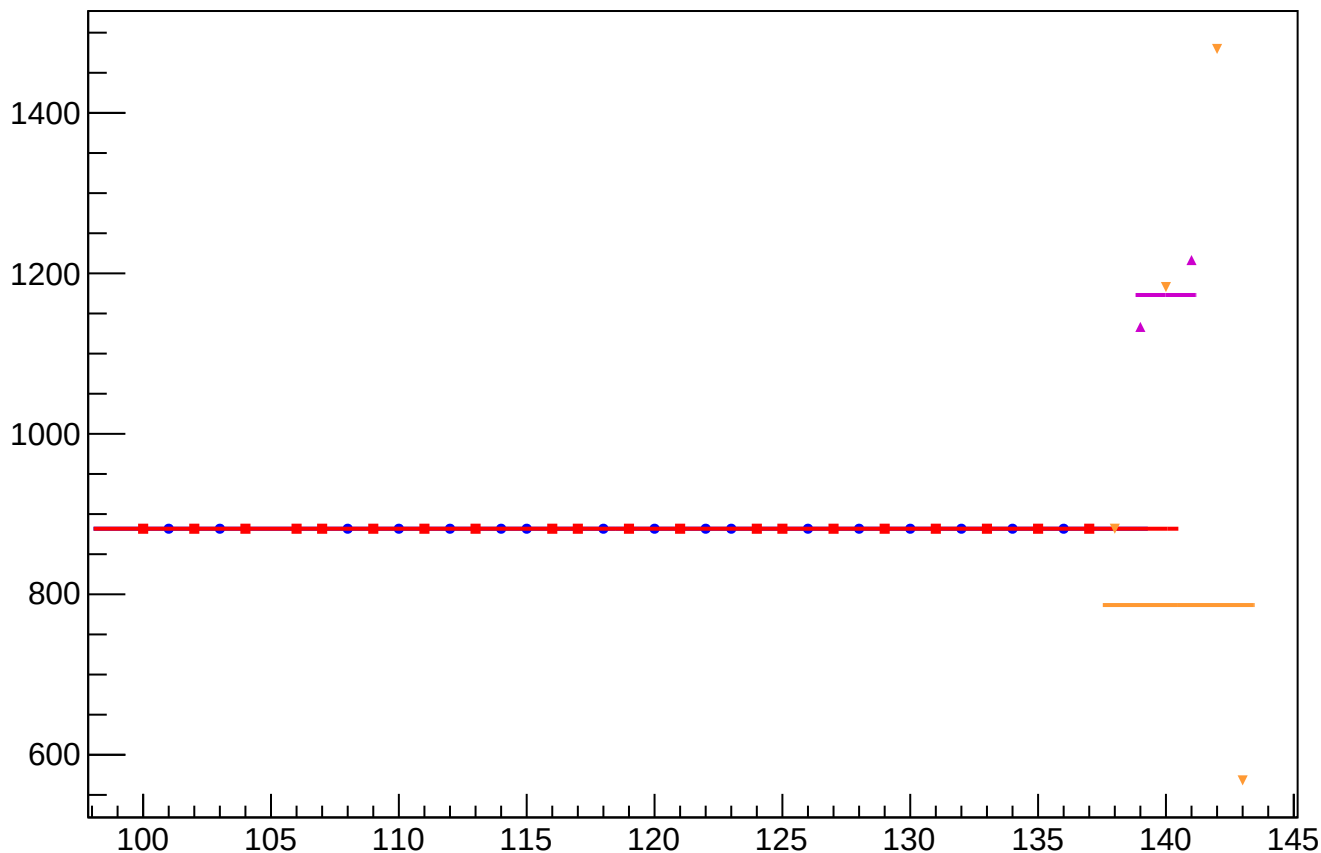
Left In: -1091.664 $\pm$ 918.390 χ^2 /NDF:0.5/1

361.534 $\pm$ 227.384 χ^2 /NDF: 8.3/20

-96.096 $\pm$ 160.331 χ^2 /NDF: 17.2/42

-548.597 $\pm$ 226.106 χ^2 /NDF: 0.8/21

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 881.756+/-0.179 χ^2/NDF : 0.0/16

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

Right Out: 881.756+/-0.165 χ^2/NDF : 0.0/19

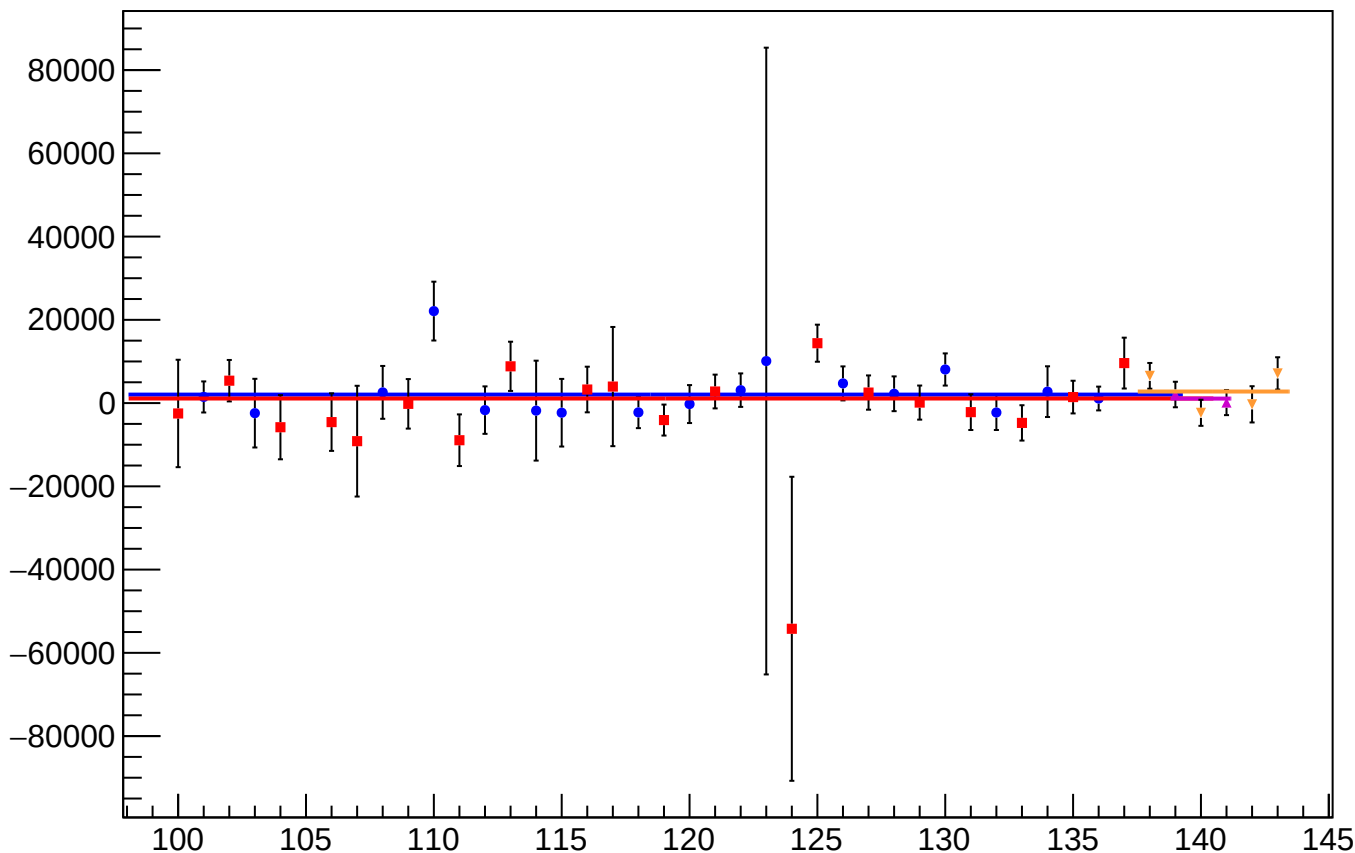
Left In: 1173.052+/-0.649 χ^2/NDF : 4106.4/1

863.448+/-0.161 χ^2/NDF : 631449.2/20

881.532+/-0.113 χ^2/NDF : 849724.9/42

899.413+/-0.160 χ^2/NDF : 193118.0/21

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

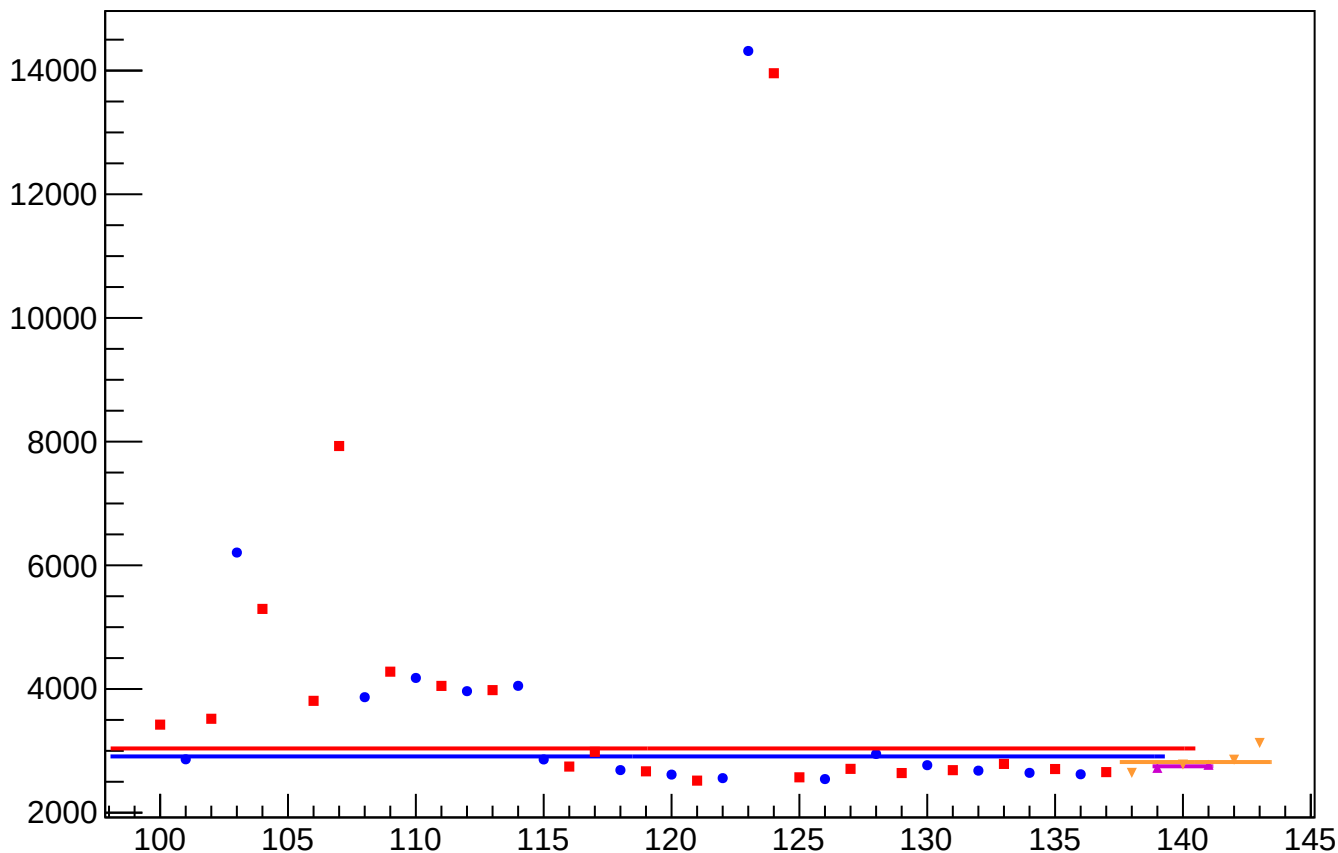
Left In: 1079.210 +/- 2151.236 χ^2/NDF : 0.2/1

2261.041 +/- 962.304 χ^2/NDF : 20.9/20

1721.174 +/- 705.174 χ^2/NDF : 47.1/42

1095.042 +/- 1036.339 χ^2/NDF : 25.6/21

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2819.036+/-1.239 χ^2/NDF : 19578.7/3

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

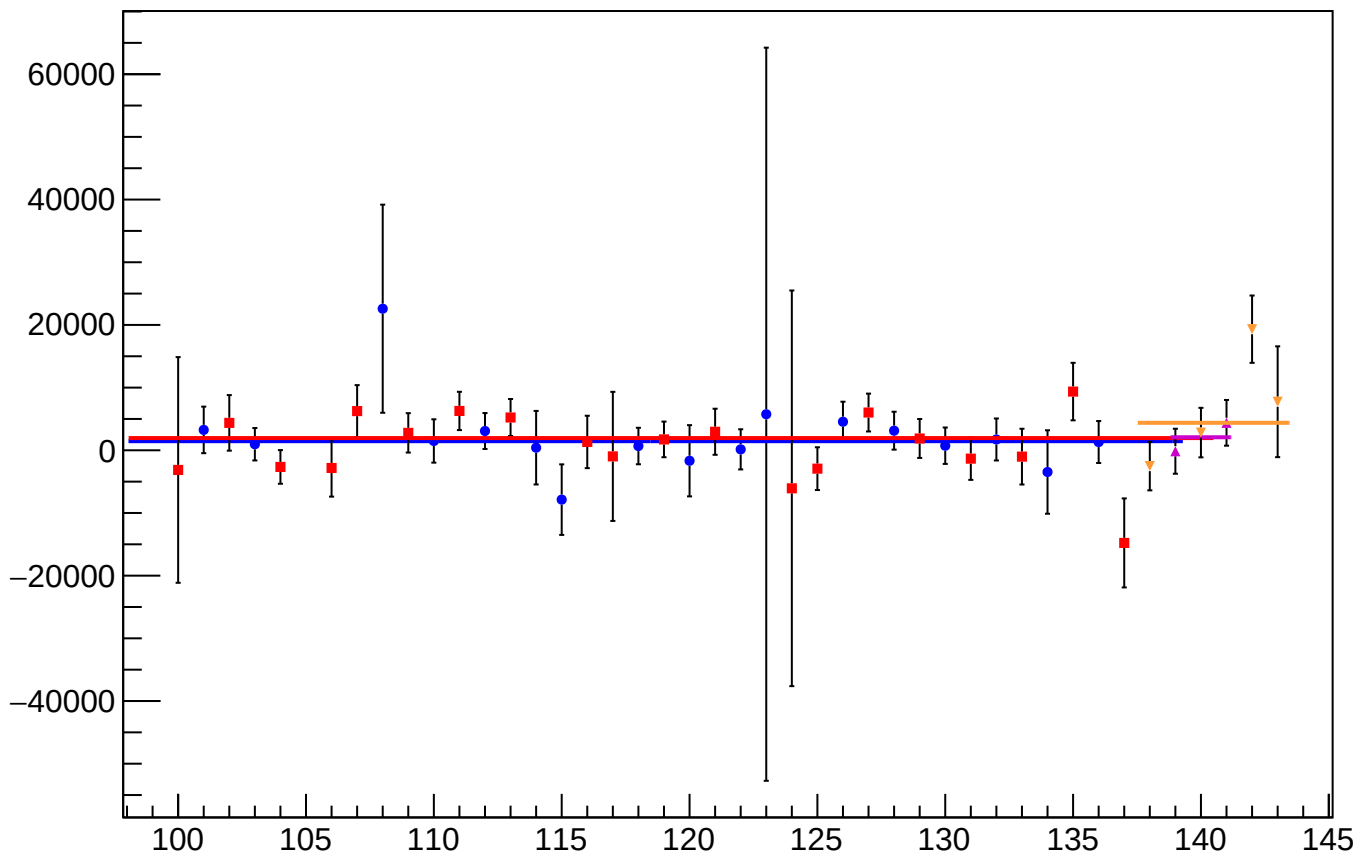
Left In: 2750.118+/-1.521 χ^2/NDF : 263.5/1

2882.386+/-0.680 χ^2/NDF : 665215.0/20

2923.767+/-0.499 χ^2/NDF : 1712448.2/42

2971.759+/-0.733 χ^2/NDF : 1039245.8/21

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

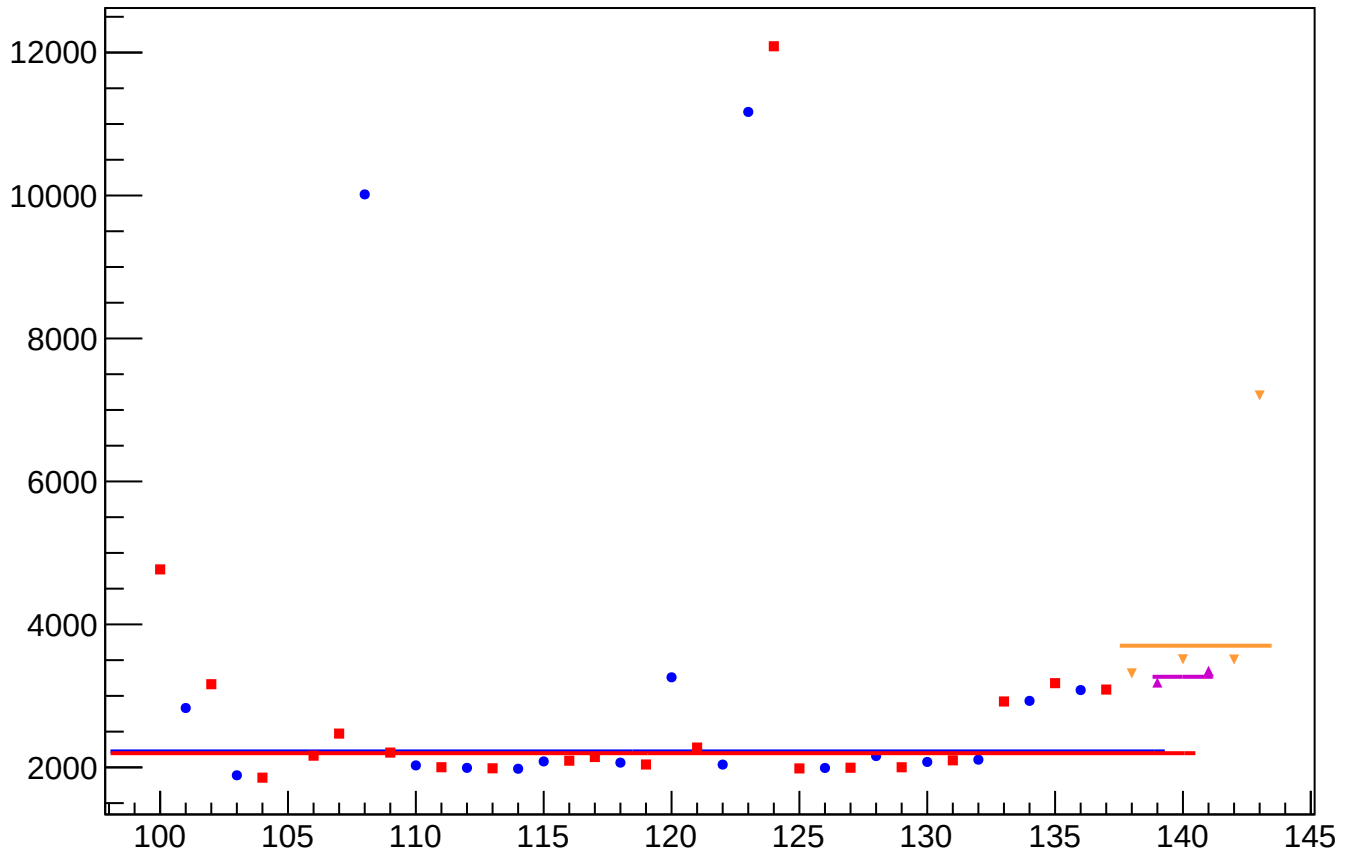
Left In: 2077.859+/-2557.888 χ^2/NDF : 0.8/1

1814.270+/-832.306 χ^2/NDF : 20.0/20

1890.624+/-578.478 χ^2/NDF : 43.2/42

1961.976+/-804.581 χ^2/NDF : 23.3/21

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2223.132 ± 0.629 $\chi^2/\text{NDF}: 850289.4/16$

Left Out: 3702.039 ± 1.675 $\chi^2/\text{NDF}: 340956.4/3$

Right Out: 2198.396 ± 0.599 $\chi^2/\text{NDF}: 602472.3/19$

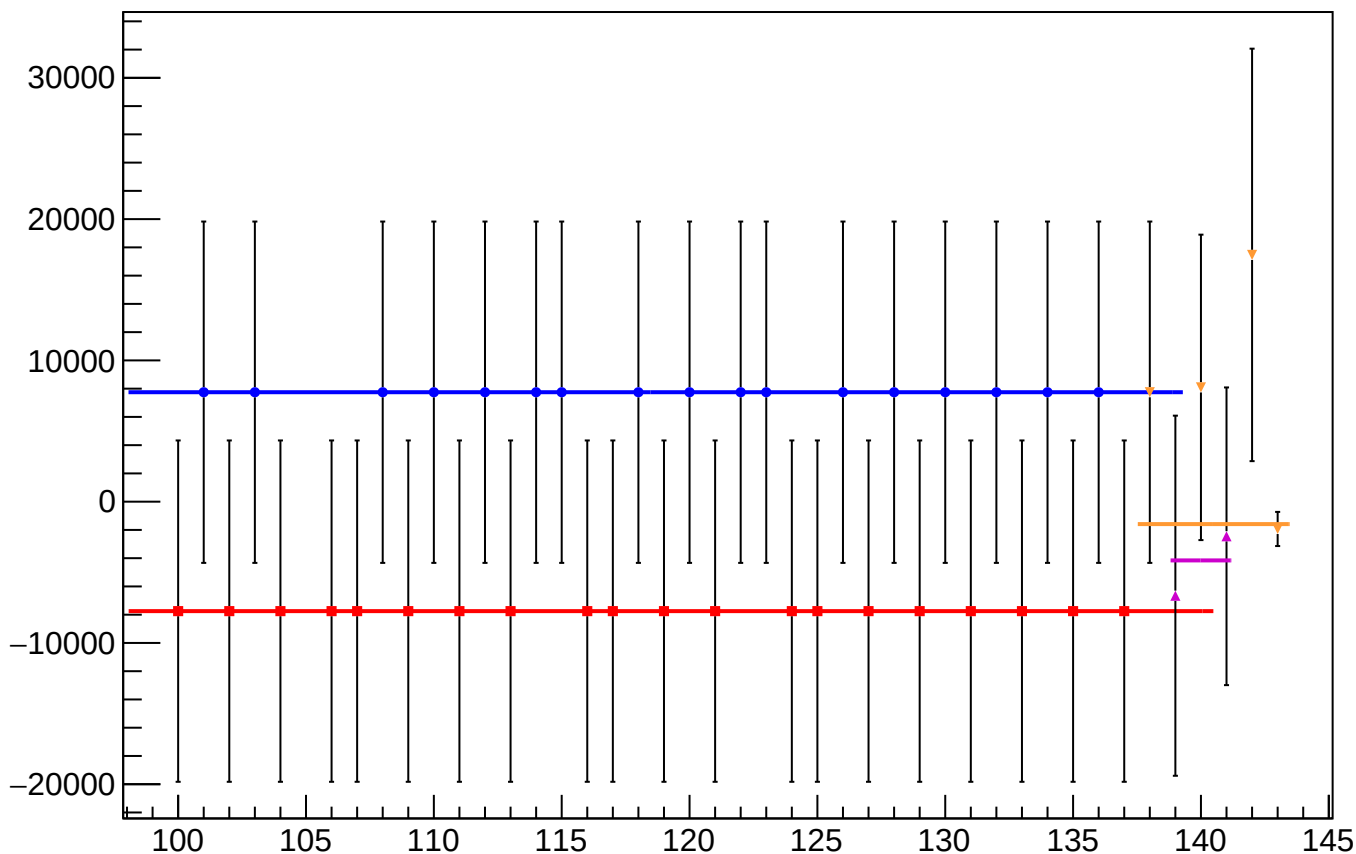
Left In: 3267.294 ± 1.809 $\chi^2/\text{NDF}: 2049.0/1$

2405.769 ± 0.589 $\chi^2/\text{NDF}: 1874764.2/20$

2353.137 ± 0.409 $\chi^2/\text{NDF}: 2809489.4/42$

2304.017 ± 0.569 $\chi^2/\text{NDF}: 919263.3/21$

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: 7747.732 $\pm$ 2930.043 χ^2 /NDF: 0.0/16

Left Out: -1587.278 $\pm$ 1191.304 χ^2 /NDF: 3.2/3

Right Out: -7747.732 $\pm$ 2701.366 χ^2 /NDF: 0.0/19

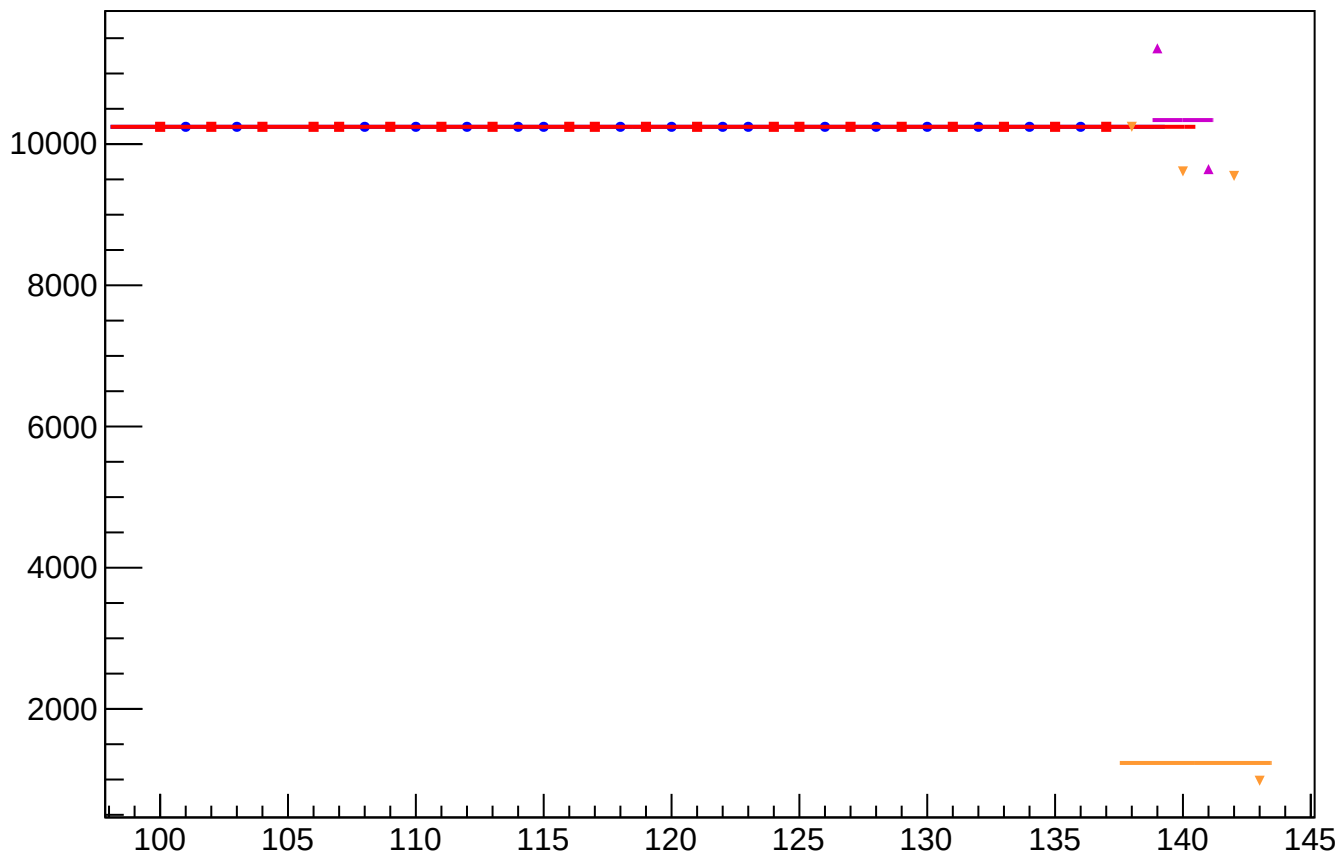
Left In: -4157.984 $\pm$ 8120.466 χ^2 /NDF: 0.1/1

-263.025 $\pm$ 1103.575 χ^2 /NDF: 11.9/20

-1377.519 $\pm$ 1013.623 χ^2 /NDF: 18.7/42

-7390.059 $\pm$ 2563.257 χ^2 /NDF: 0.2/21

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 10244.850+/-2.072 χ^2/NDF : 0.0/16

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

Right Out: 10244.850+/-1.910 χ^2/NDF : 0.0/19

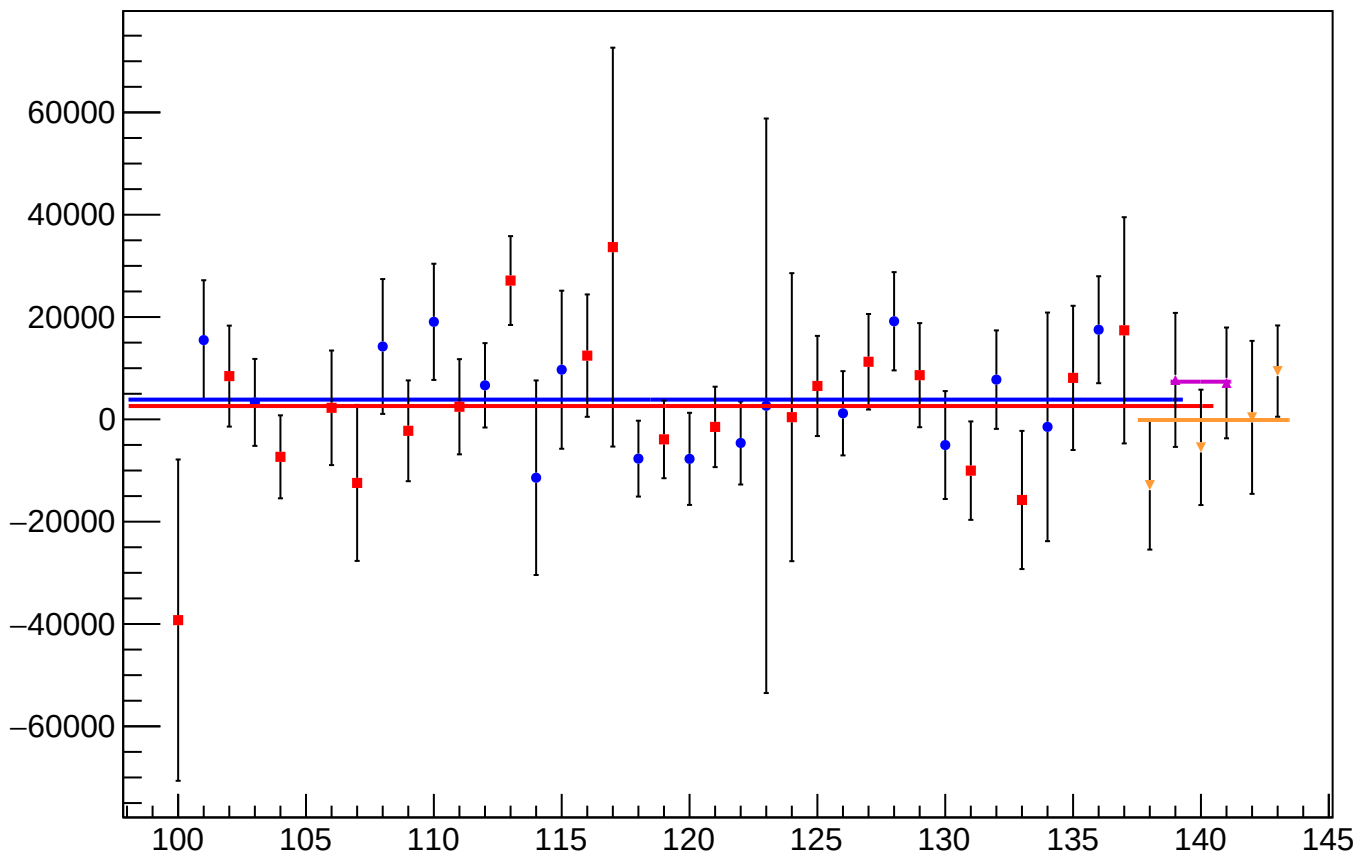
Left In: 10340.453+/-5.742 χ^2/NDF : 21407.9/1

2512.911+/-0.780 χ^2/NDF : 19278876.8/20

3723.487+/-0.717 χ^2/NDF : 34690623.7/4

10254.376+/-1.812 χ^2/NDF : 21657.5/21

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

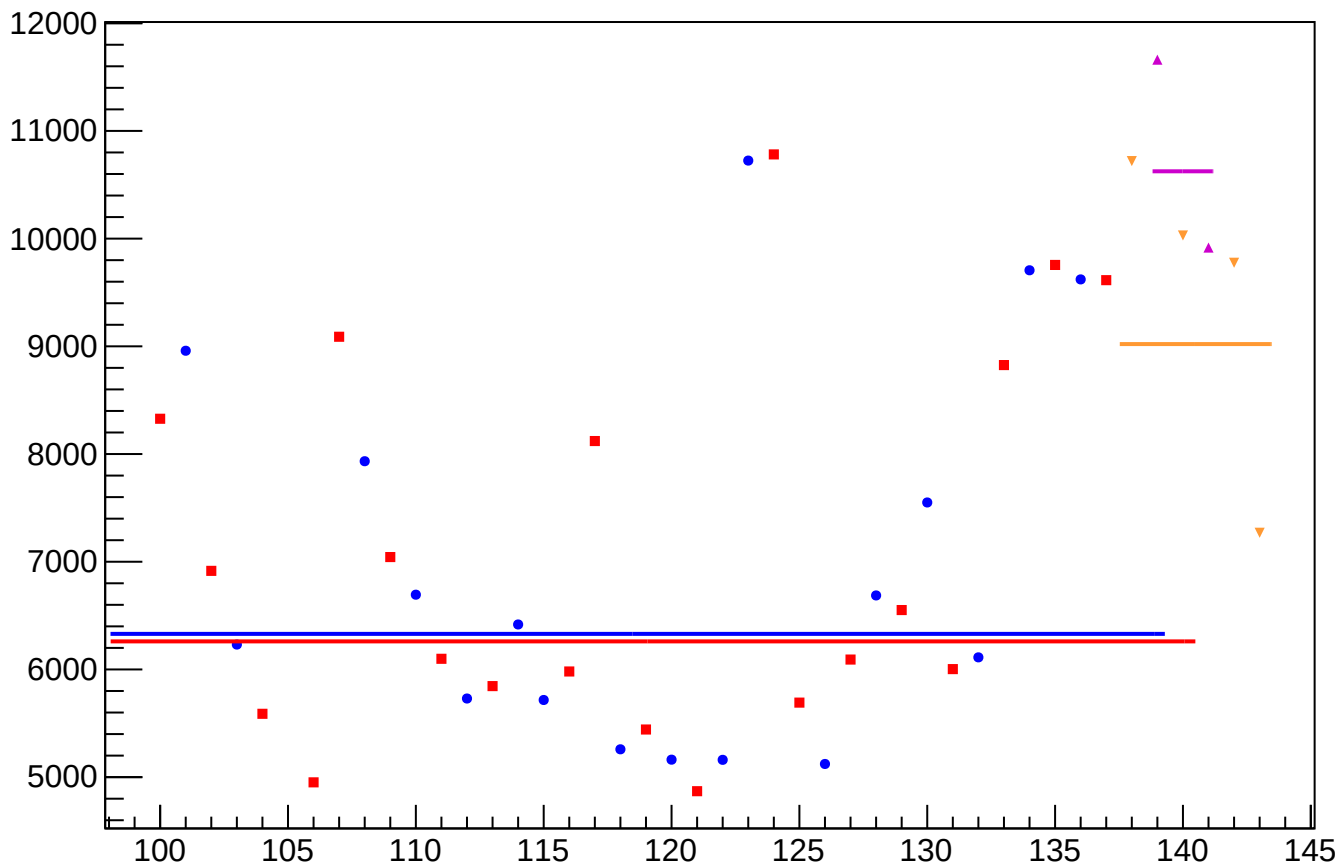
Left In: 7361.820 $\pm$ 8345.251 χ^2 /NDF: 0.0/1

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

3090.168 $\pm$ 1631.542 χ^2 /NDF: 38.6/42

2970.970 $\pm$ 2321.282 χ^2 /NDF: 21.0/21

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

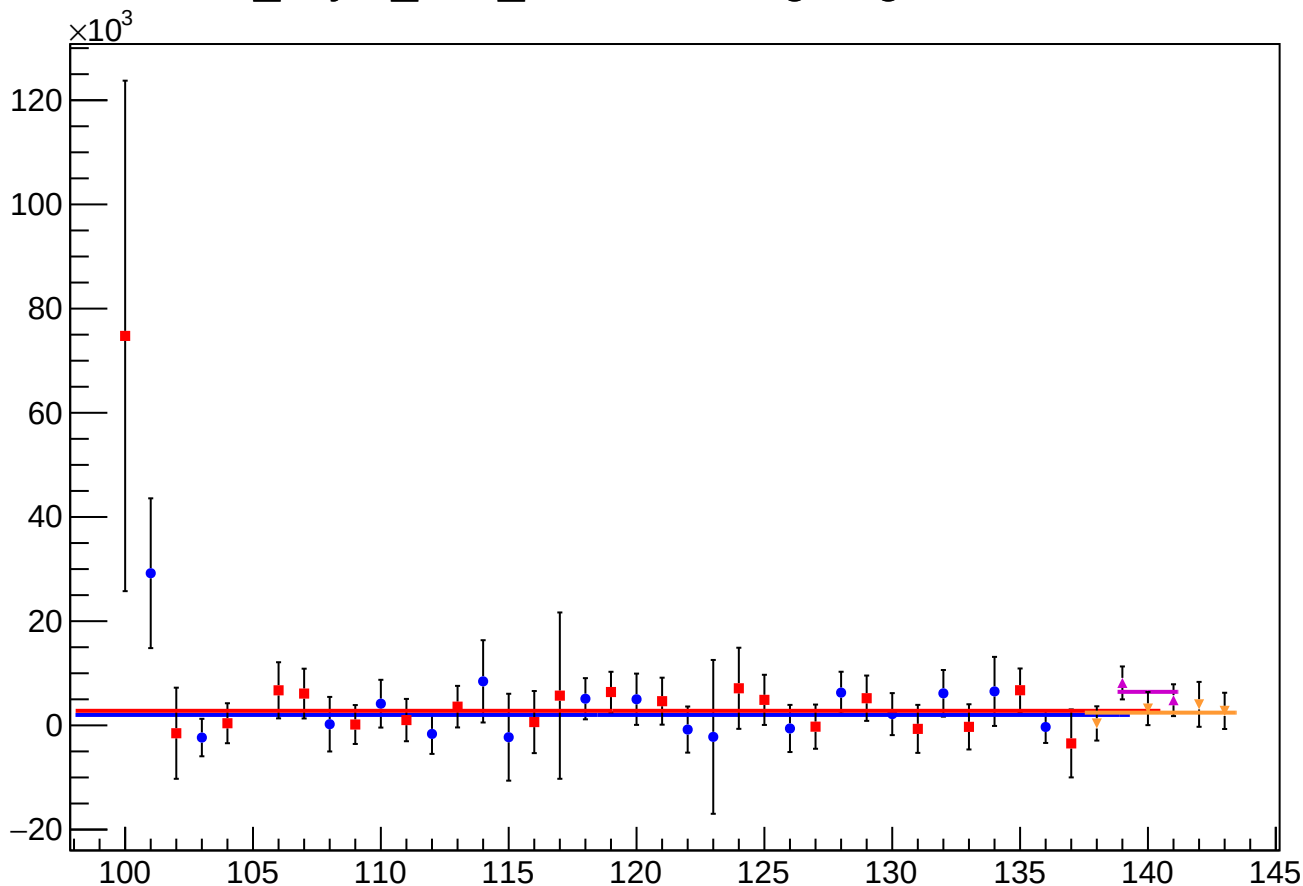
Left In: 10625.001+/-5.901 χ^2/NDF :21077.6/1

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

6686.083+/-1.154 χ^2/NDF : 2176937.4/42

6598.161+/-1.641 χ^2/NDF : 1065723.1/21

dit_asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 2442.189+/-1746.671 χ^2/NDF : 0.6/3

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

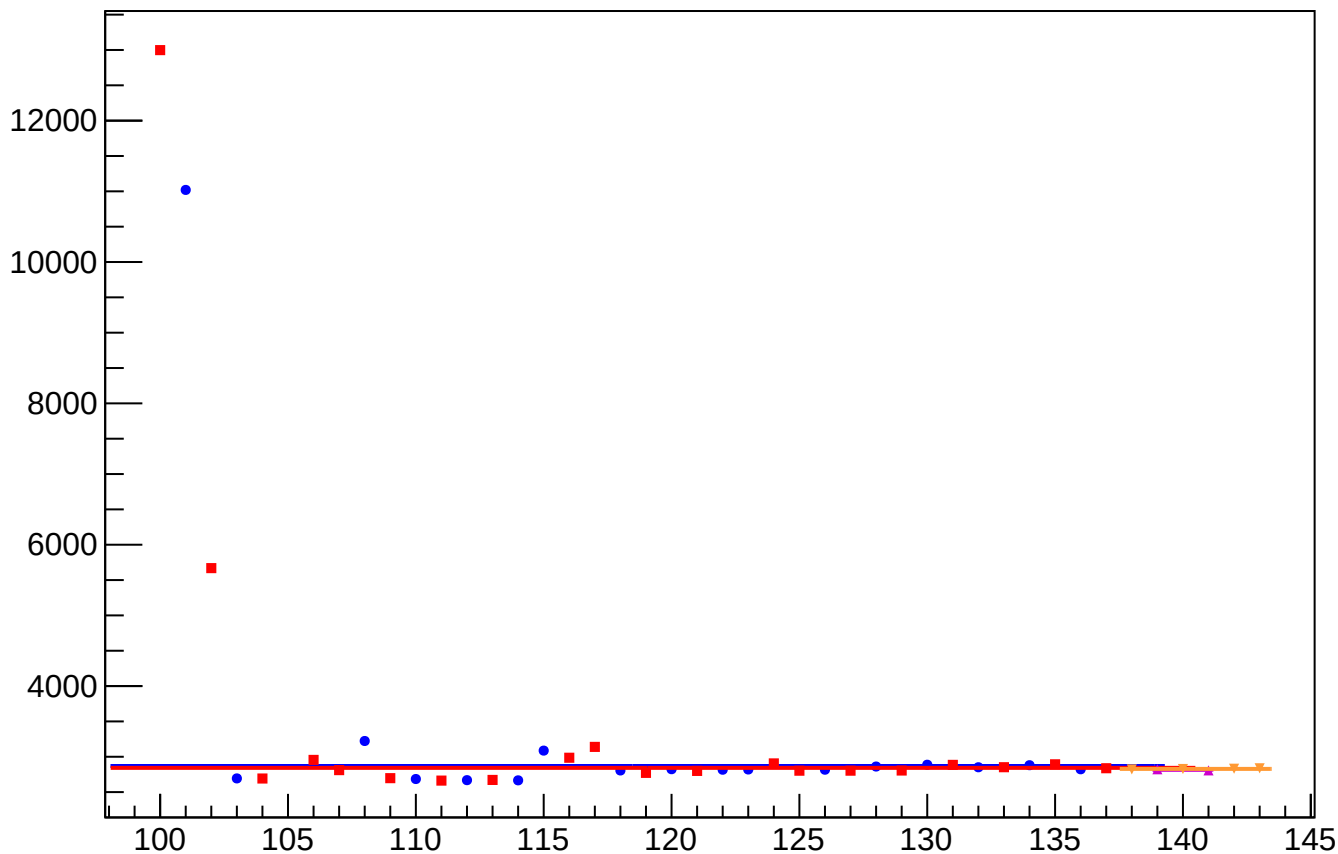
Left In: 6433.138+/-2196.790 χ^2/NDF : 0.6/1

2134.944+/-951.269 χ^2/NDF : 12.7/20

2806.108+/-679.807 χ^2/NDF : 26.4/42

3506.626+/-971.847 χ^2/NDF : 12.7/21

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

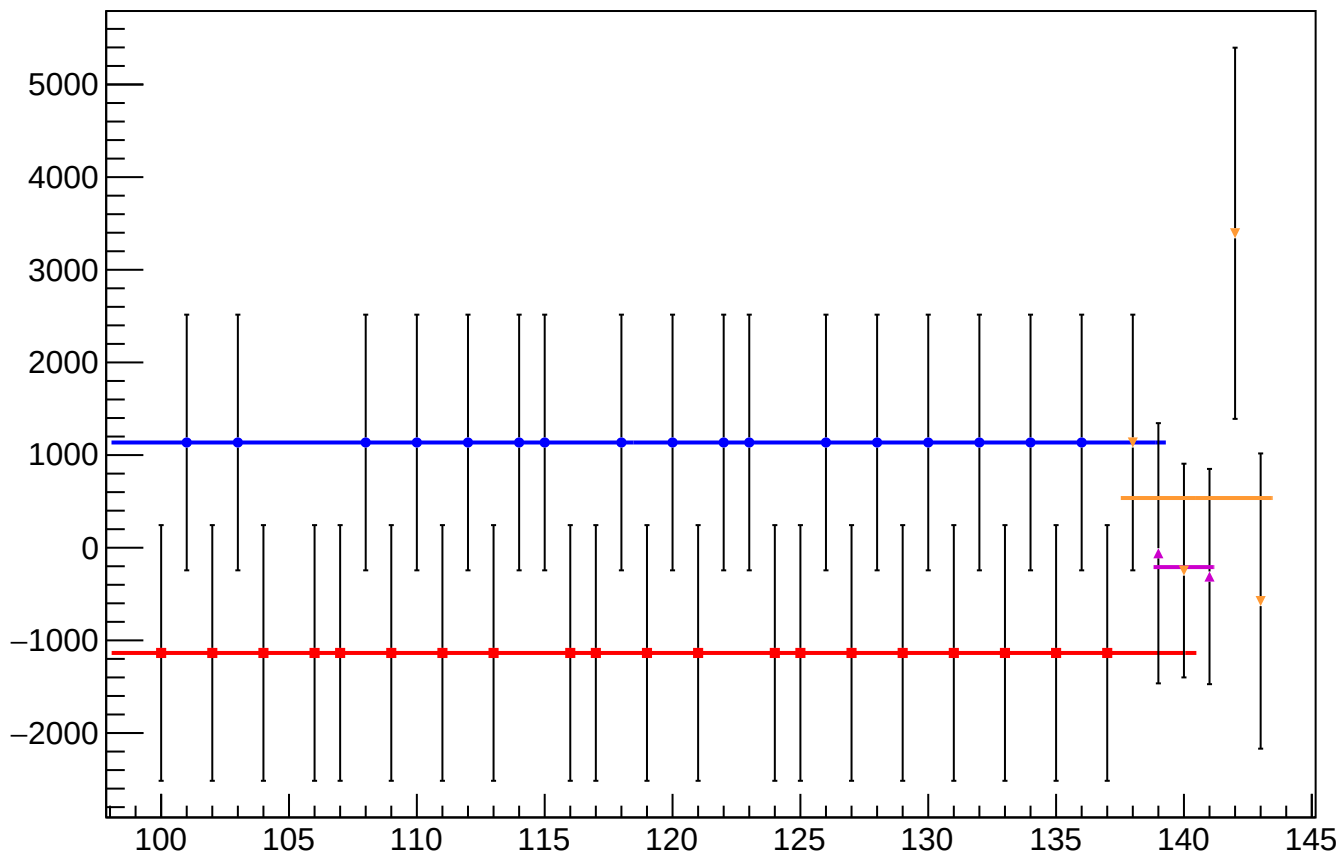
Left In: 2814.884 $\pm$ 1.553 χ^2 /NDF: 26.0/1

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

2847.461 $\pm$ 0.481 χ^2 /NDF: 984616.3/42

2837.444 $\pm$ 0.687 χ^2 /NDF: 313505.2/21

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 1135.803 $\pm$ 334.665 χ^2 /NDF: 0.0/16

Left Out: 536.552 $\pm$ 721.663 χ^2 /NDF:3.2/3

Right Out: -1135.803 $\pm$ 308.546 χ^2 /NDF: 0.0/19

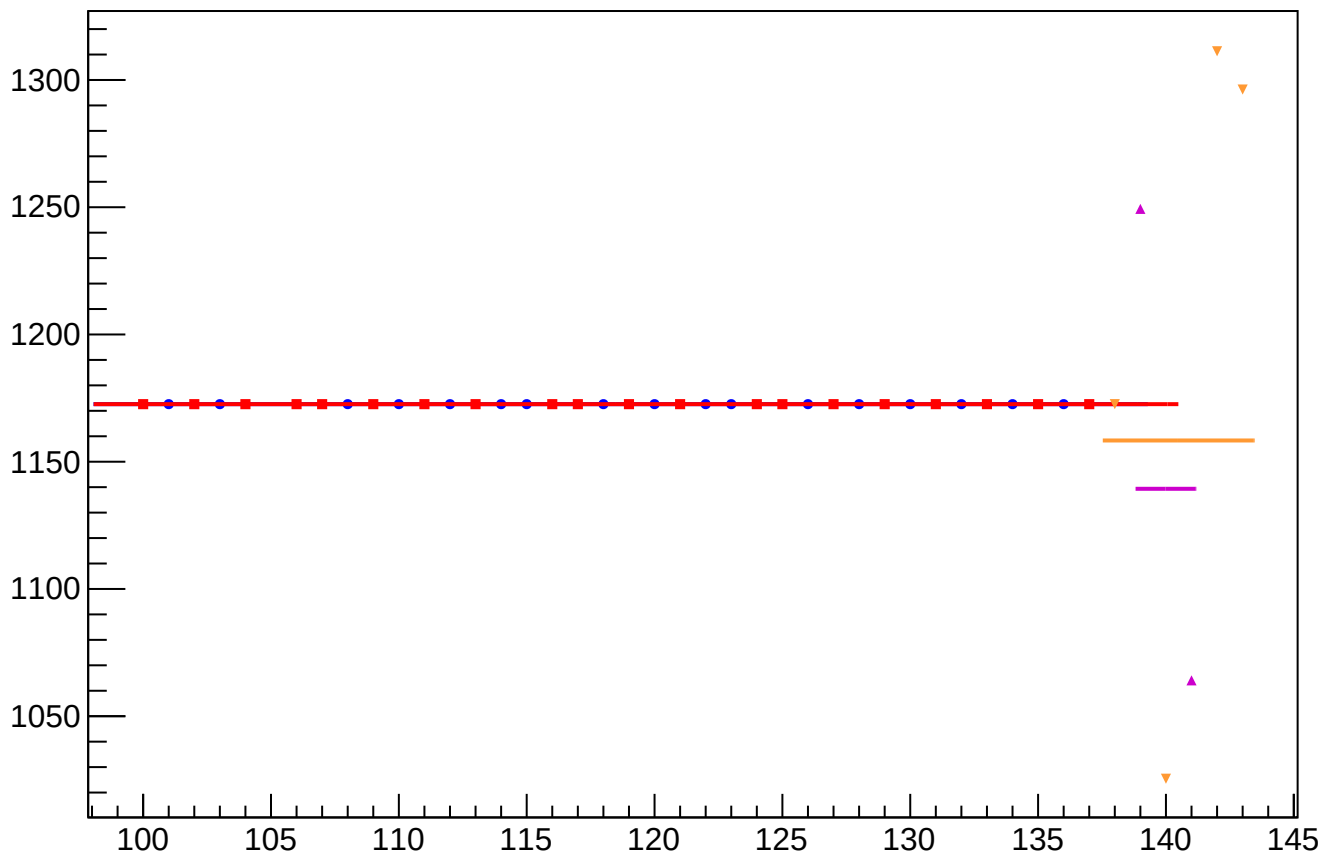
Left In: -208.923 $\pm$ 895.130 χ^2 /NDF:0.0/1

1029.740 $\pm$ 303.608 χ^2 /NDF: 3.7/20

-45.135 $\pm$ 210.348 χ^2 /NDF: 28.8/42

-1037.371 $\pm$ 291.703 χ^2 /NDF: 1.0/21

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 1172.619 $\pm$ 0.237 χ^2 /NDF: 0.0/16

Left Out: 1158.346 $\pm$ 0.510 χ^2 /NDF: 53415.5/3

Right Out: 1172.619 $\pm$ 0.218 χ^2 /NDF: 0.0/19

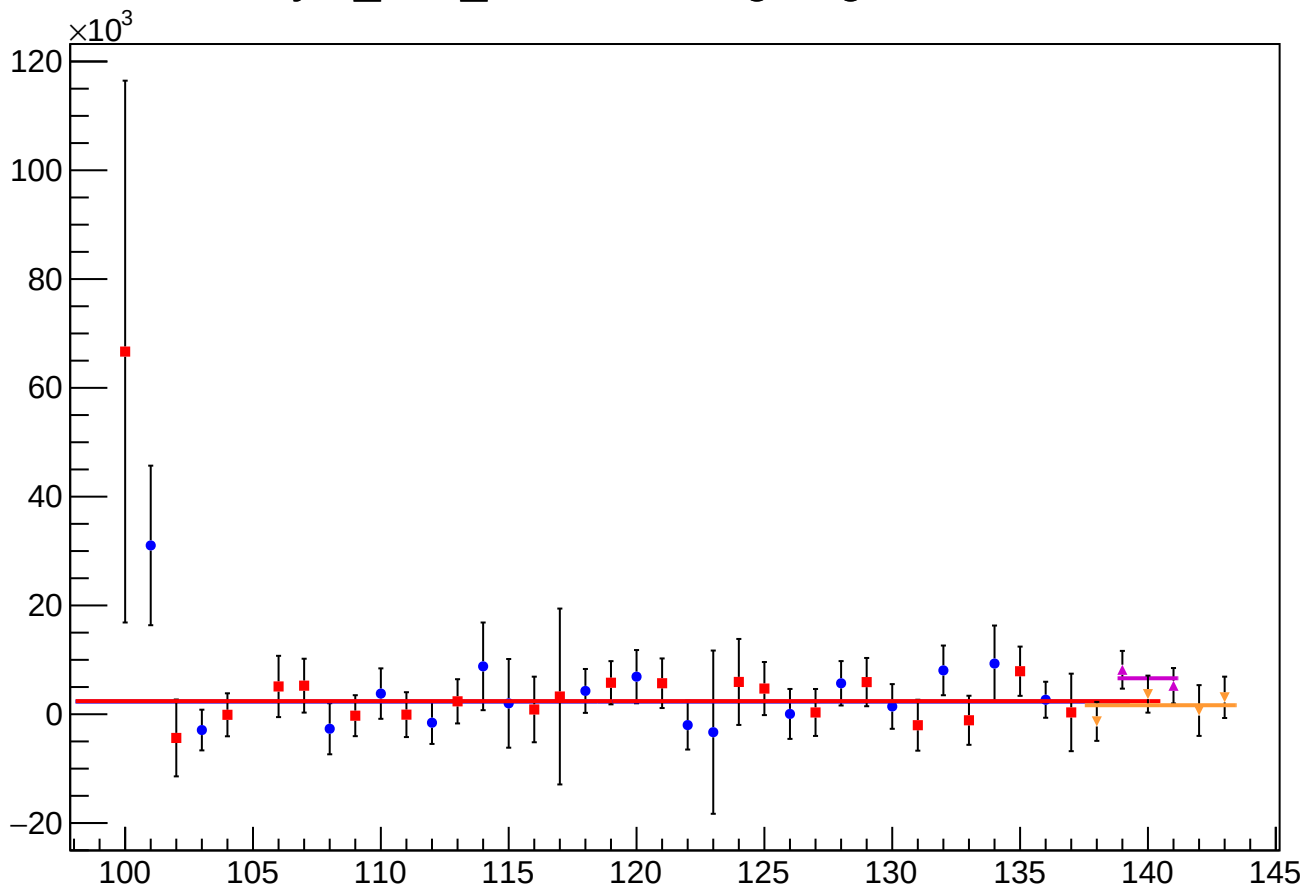
Left In: 1139.359 $\pm$ 0.633 χ^2 /NDF: 20666.1/1

1170.093 $\pm$ 0.215 χ^2 /NDF: 54059.4/20

1169.570 $\pm$ 0.149 χ^2 /NDF: 77204.9/42

1169.087 $\pm$ 0.206 χ^2 /NDF: 23134.1/21

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

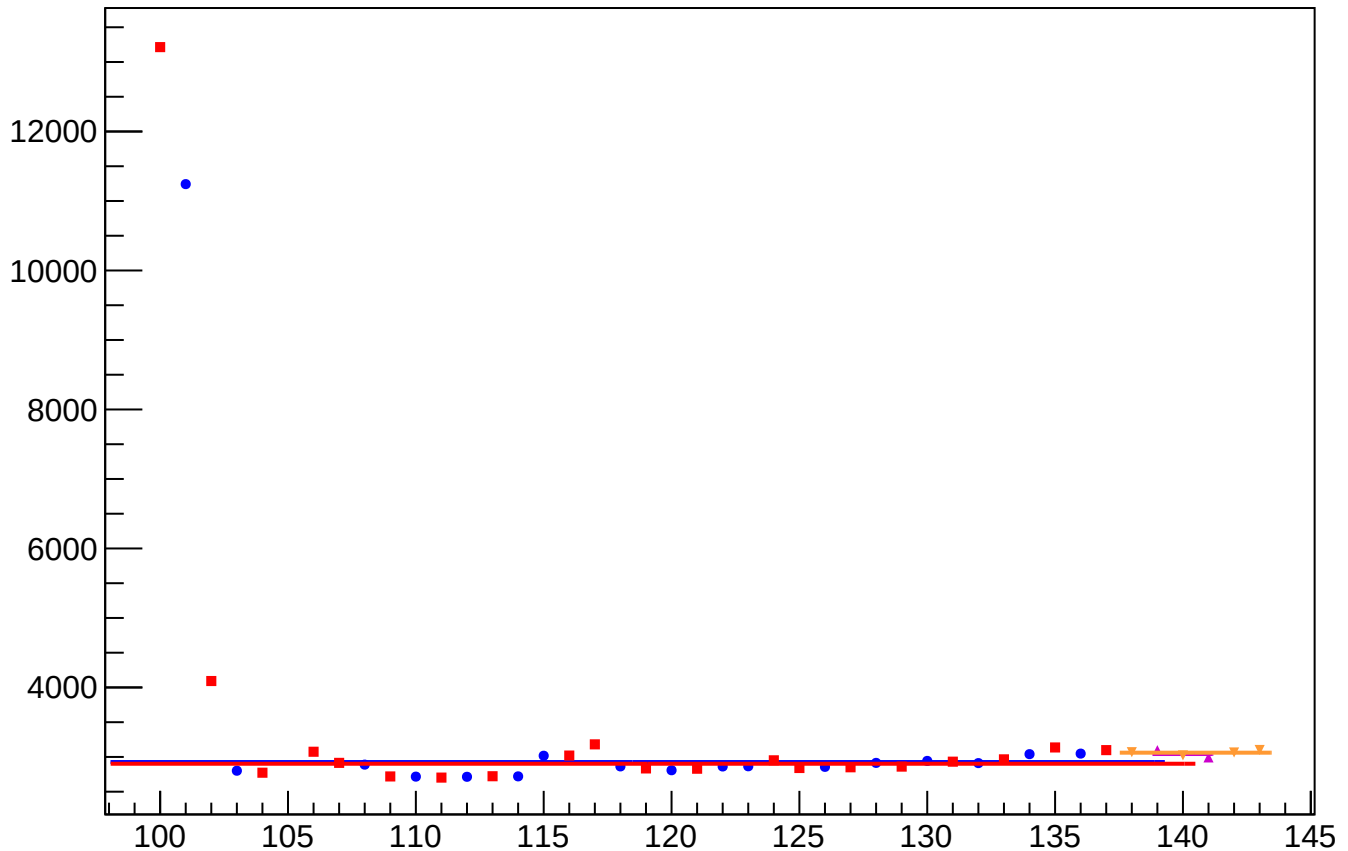
Left In: 6610.312+/-2375.118 χ^2/NDF : 0.4/1

2146.514+/-986.634 χ^2/NDF : 15.7/20

2643.719+/-703.622 χ^2/NDF : 29.3/42

3158.306+/-1003.731 χ^2/NDF : 13.0/21

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

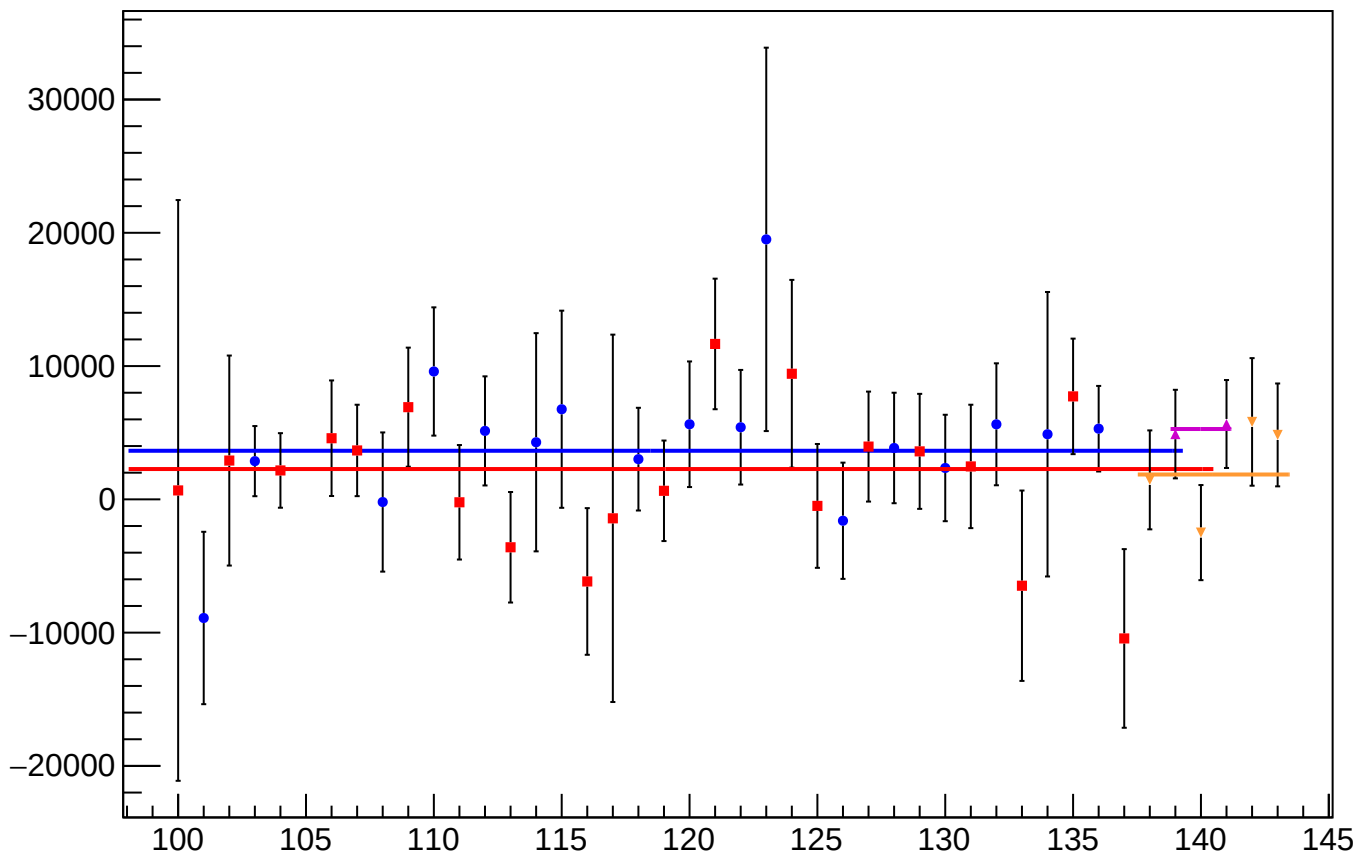
Left In: 3042.180+/-1.679 χ^2/NDF : 961.7/1

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

2945.540+/-0.498 χ^2/NDF : 849129.1/42

2927.152+/-0.710 χ^2/NDF : 177137.9/21

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

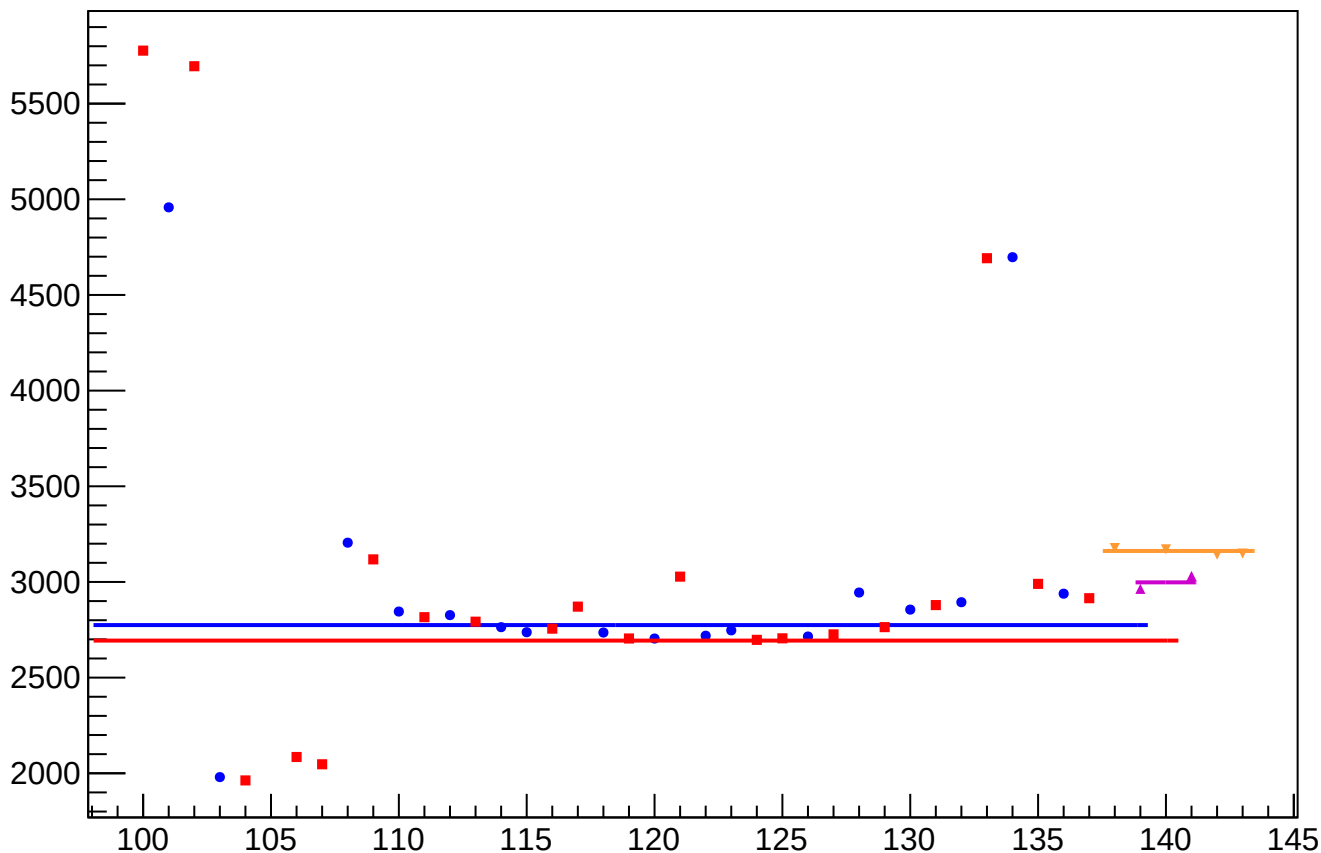
Left In: 5277.765 $\pm$ 2341.300 χ^2 /NDF: 0.0/1

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

2997.260 $\pm$ 673.975 χ^2 /NDF: 33.3/42

2772.502 $\pm$ 953.393 χ^2 /NDF: 19.9/21

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2774.617+/-0.772 χ^2/NDF : 501680.3/16

Left Out: 3161.980+/-1.382 χ^2/NDF : 103.2/3

Right Out: 2693.533+/-0.738 χ^2/NDF : 780600.8/19

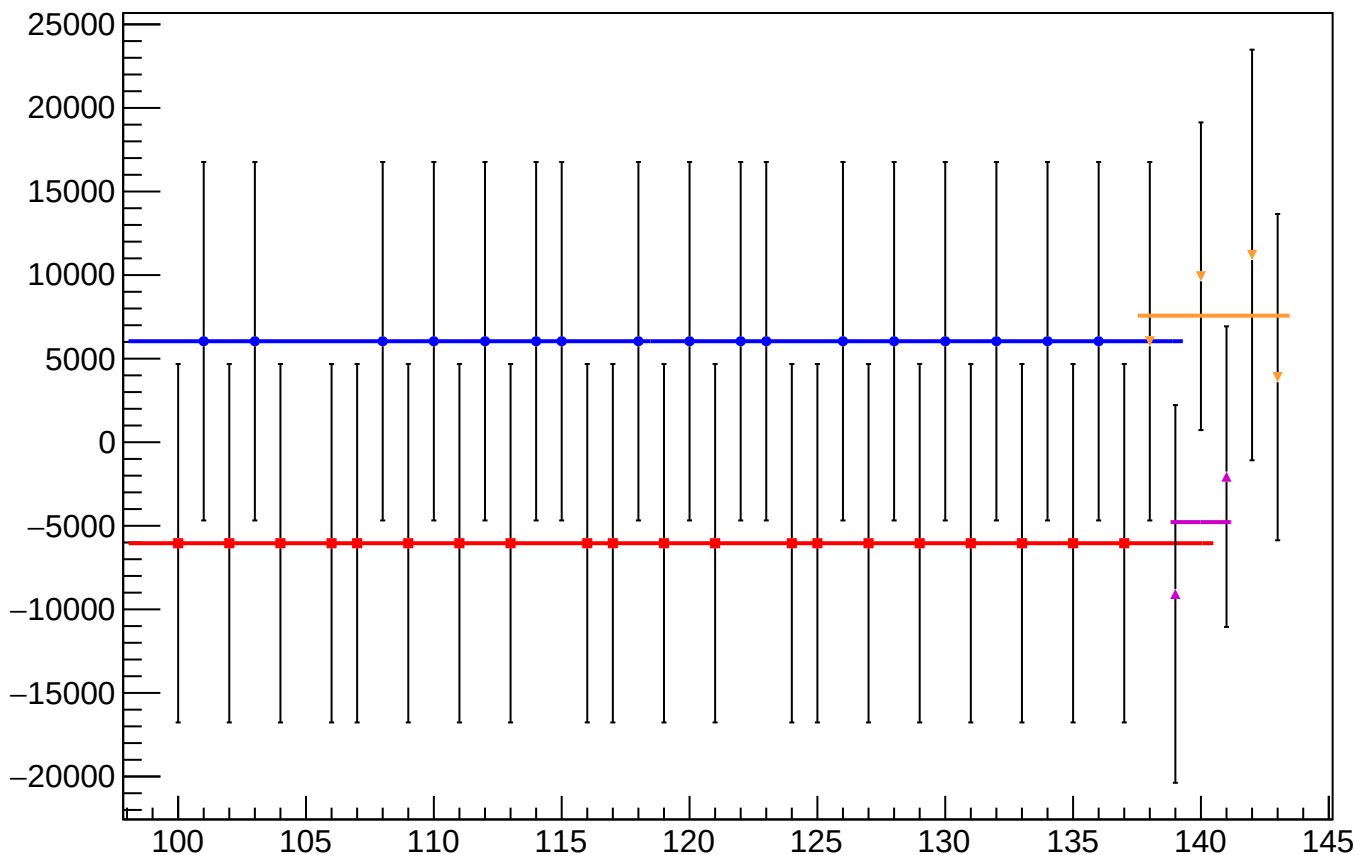
Left In: 2997.853+/-1.656 χ^2/NDF : 415.9/1

2866.742+/-0.674 χ^2/NDF : 561691.5/20

2805.370+/-0.477 χ^2/NDF : 1387494.2/42

2743.967+/-0.674 χ^2/NDF : 809206.1/21

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 6042.364+/-2600.702 χ^2/NDF : 0.0/16

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

Right Out: -6042.364+/-2397.729 χ^2/NDF : 0.0/19

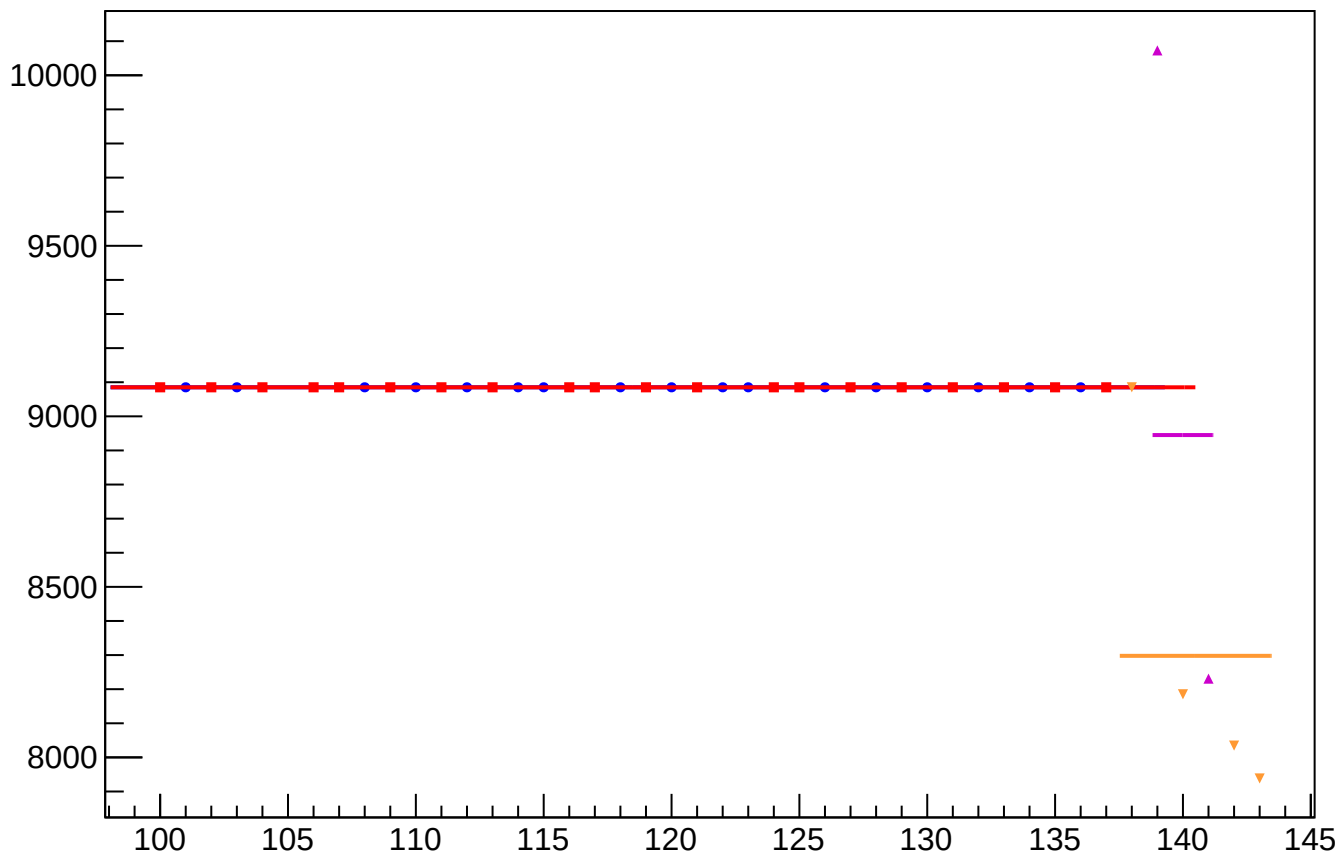
Left In: -4779.748+/-7035.920 χ^2/NDF : 0.2/1

6352.513+/-2322.001 χ^2/NDF : 0.4/20

80.720+/-1623.045 χ^2/NDF : 14.9/42

-5910.989+/-2269.561 χ^2/NDF : 0.3/21

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 9085.129+/-1.839 χ^2/NDF : 0.0/16

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

Right Out: 9085.129+/-1.695 χ^2/NDF : 0.0/19

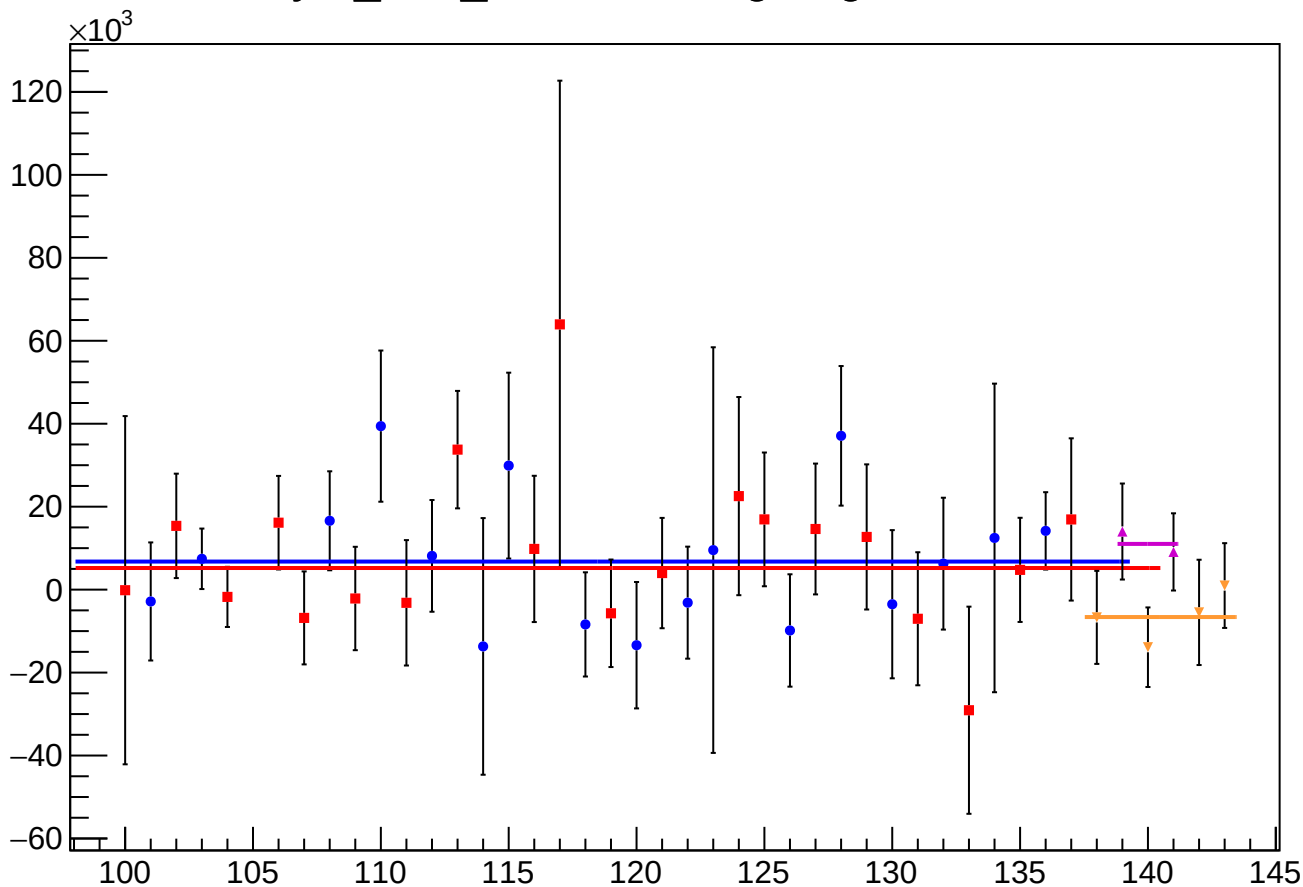
Left In: 8945.118+/-4.975 χ^2/NDF :32543.3/1

8925.420+/-1.642 χ^2/NDF : 51897.2/20

8999.648+/-1.148 χ^2/NDF : 89146.4/42

9070.561+/-1.605 χ^2/NDF : 33252.9/21

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

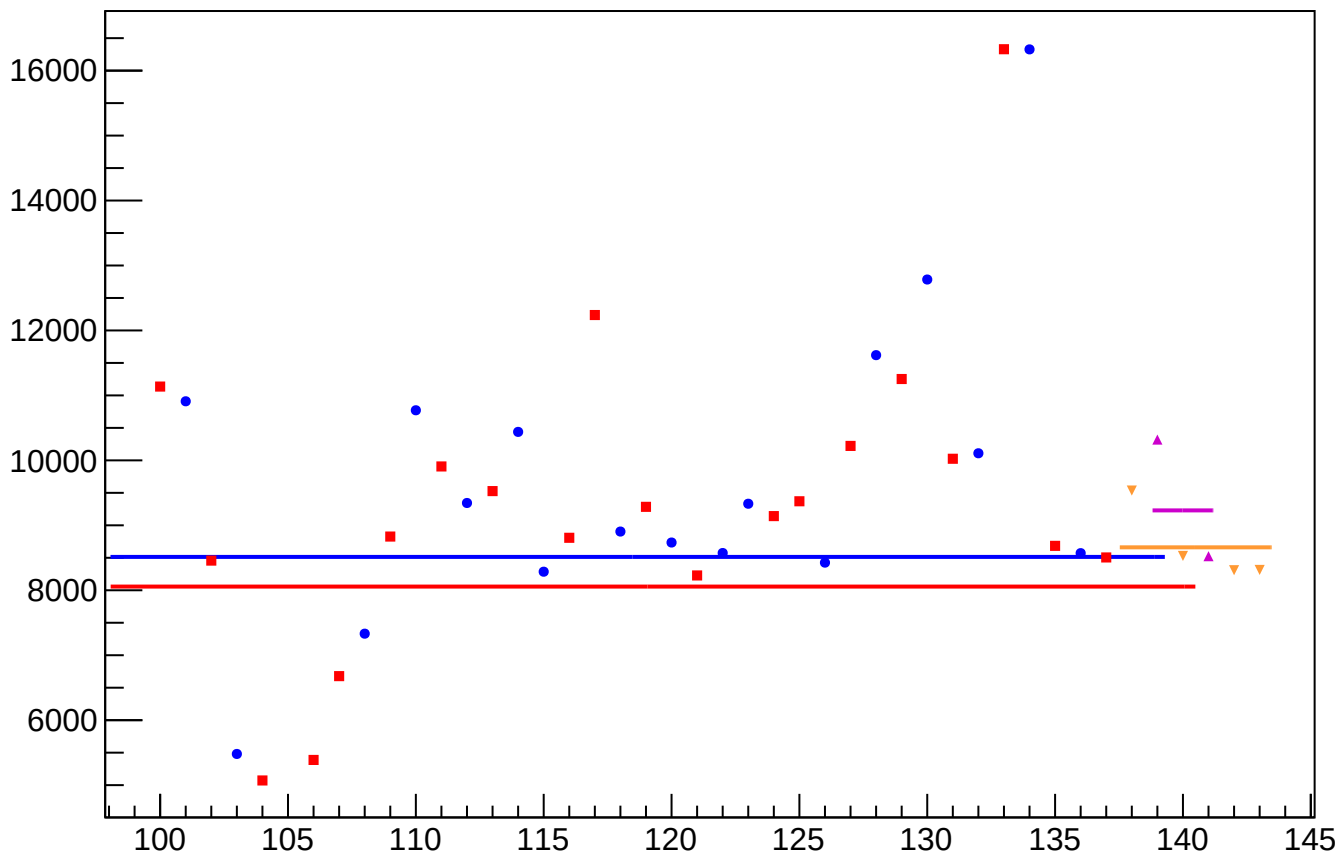
Left In: 11023.672 $\pm$ 7253.222 χ^2 /NDF: 0.1/1

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

4534.813 $\pm$ 2038.158 χ^2 /NDF: 36.8/42

6140.732 $\pm$ 2899.331 χ^2 /NDF: 15.3/21

asym_atr2_rms vs Slug, Sign Corrected



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

Left Out: 8660.958 $\pm$ 3.801 χ^2/NDF : 16395.7/3

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

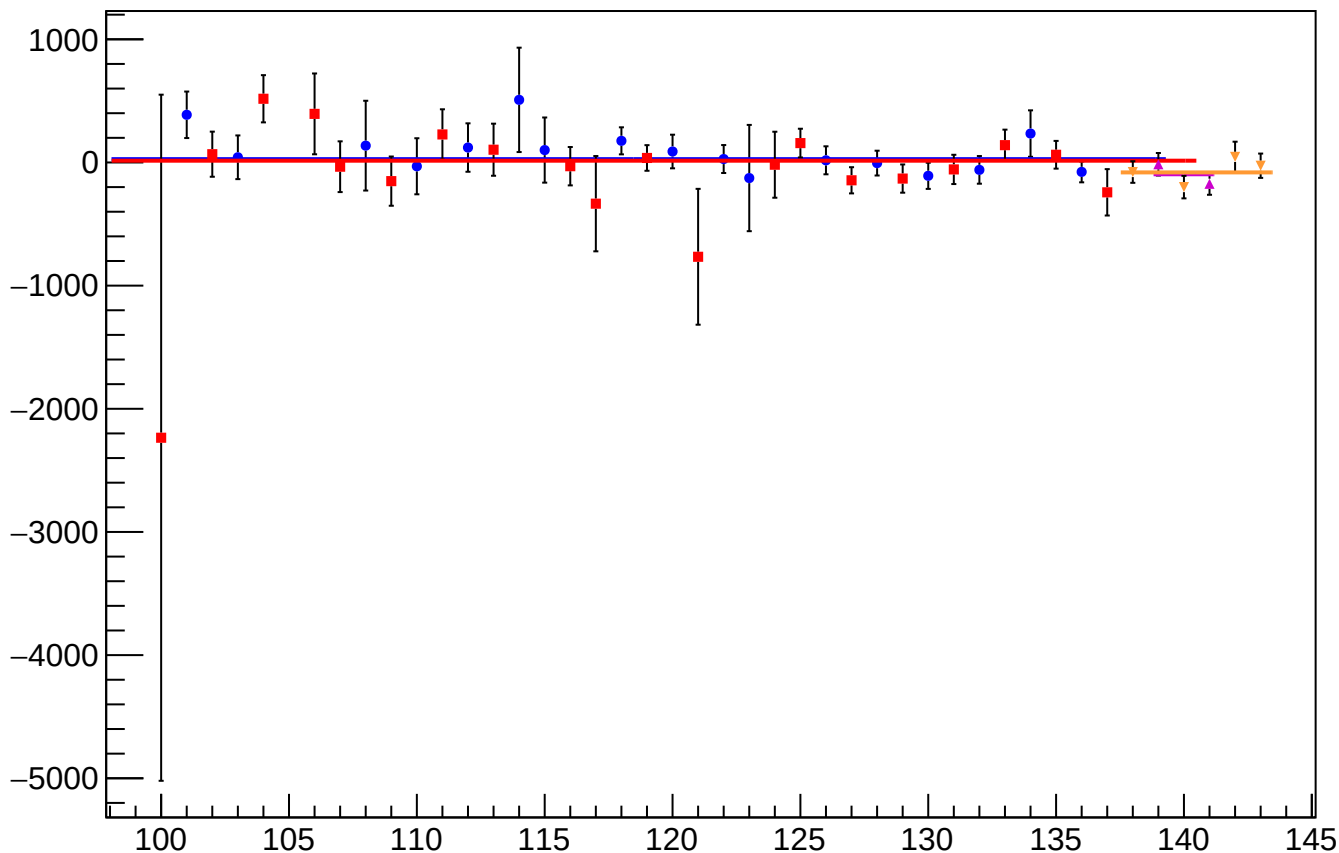
Left In: 9229.705 $\pm$ 5.129 χ^2/NDF : 29228.7/1

8555.522 $\pm$ 2.026 χ^2/NDF : 780084.9/20

8401.706 $\pm$ 1.441 χ^2/NDF : 1827372.8/42

8244.273 $\pm$ 2.050 χ^2/NDF : 1035628.8/21

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

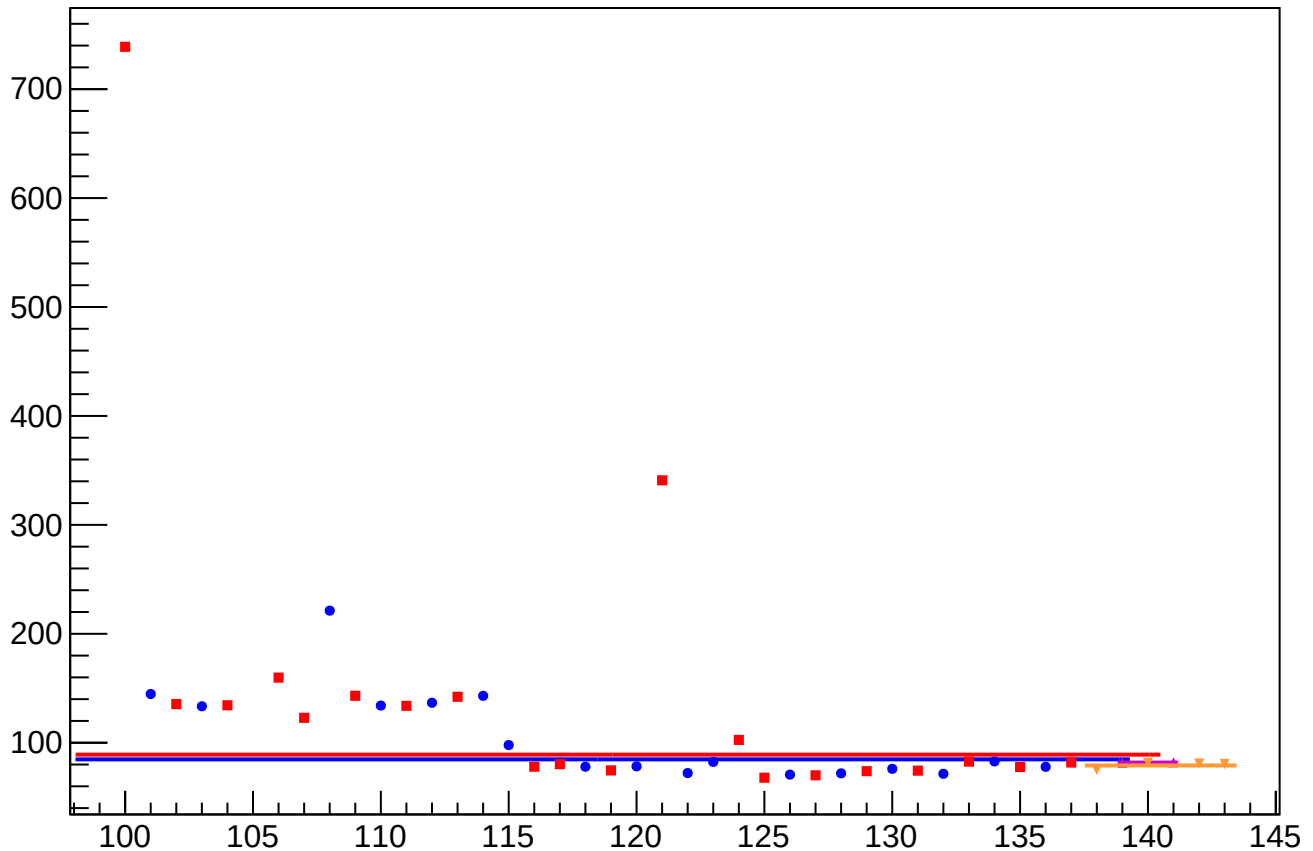
Left In: -95.708 $\pm$ 63.919 χ^2/NDF : 1.5/1

-8.213 $\pm$ 27.928 χ^2/NDF : 18.9/20

-9.655 $\pm$ 20.739 χ^2/NDF : 45.4/42

-11.427 $\pm$ 30.967 χ^2/NDF : 26.5/21

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 84.737+/-0.024 χ^2/NDF : 1064420.0/16

Left Out: 79.134+/-0.035 χ^2/NDF : 6547.7/3

Right Out: 89.069+/-0.025 χ^2/NDF : 1560299.8/19

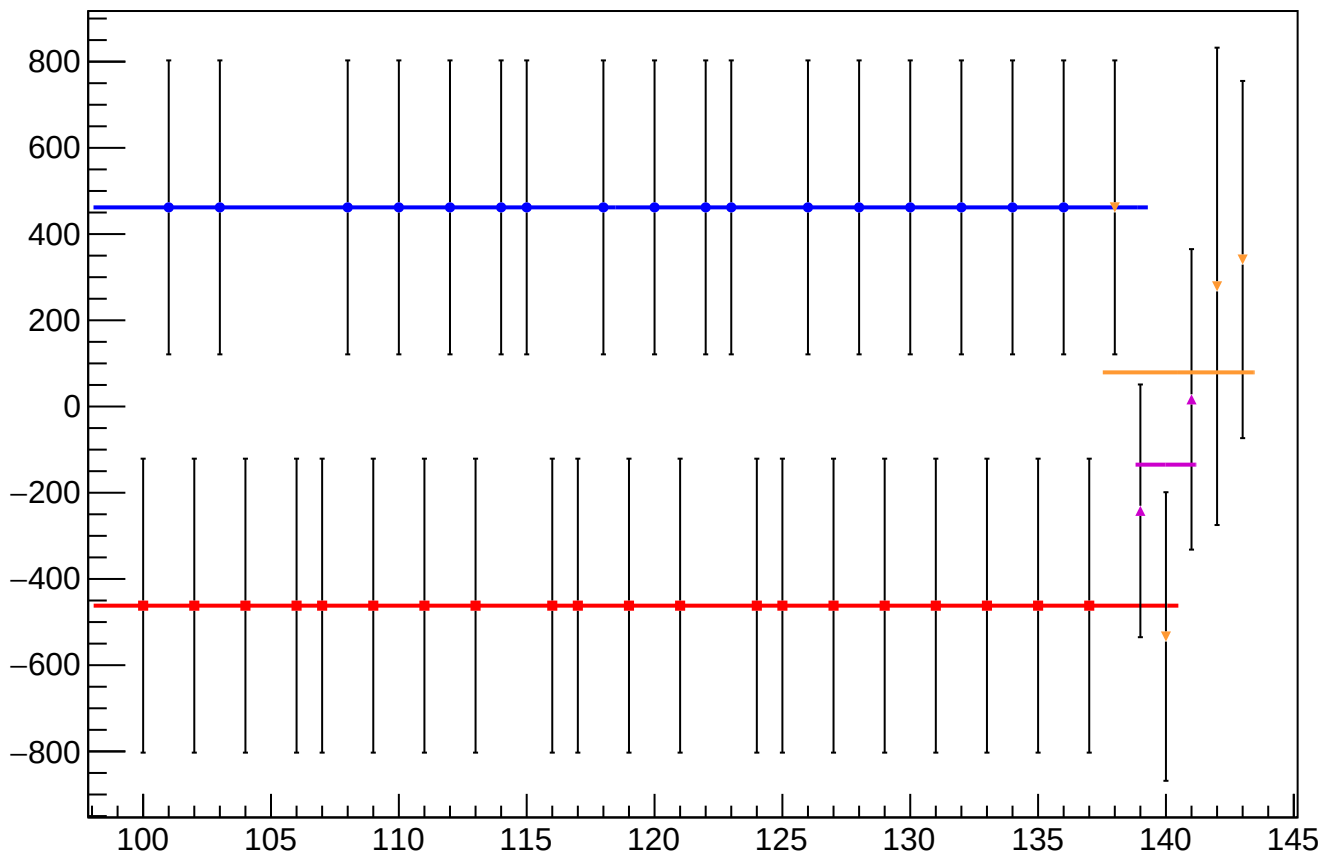
Left In: 81.802+/-0.045 χ^2/NDF : 17.4/1

82.908+/-0.020 χ^2/NDF : 1088668.9/20

84.906+/-0.015 χ^2/NDF : 2691604.1/42

87.364+/-0.022 χ^2/NDF : 1580102.2/21

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 461.935 $\pm$ 82.689 χ^2/NDF : 0.0/16

Left Out: 79.187 $\pm$ 193.827 χ^2/NDF : 5.1/3

Right Out: -461.935 $\pm$ 76.236 χ^2/NDF : 0.0/19

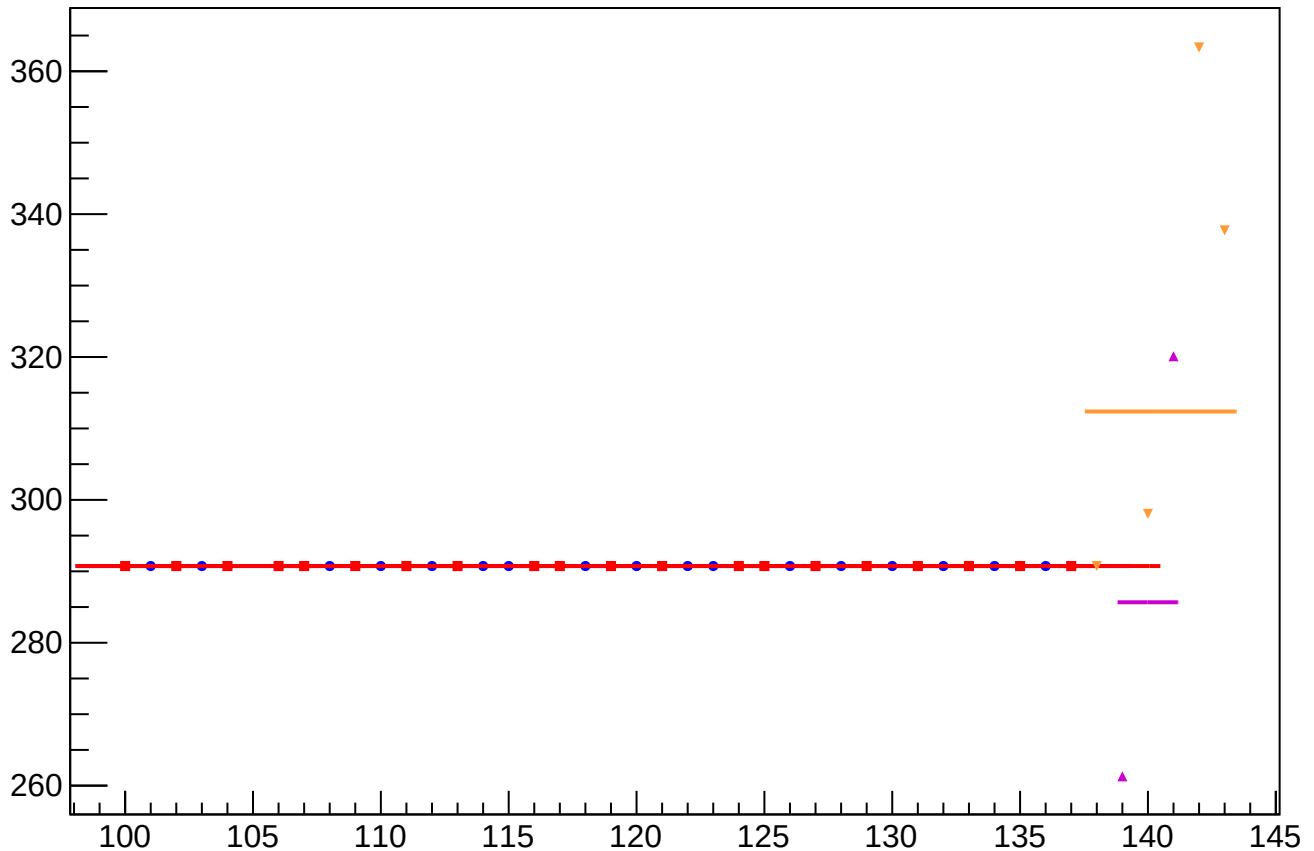
Left In: -134.855 $\pm$ 224.328 χ^2/NDF : 0.3/1

403.000 $\pm$ 76.057 χ^2/NDF : 8.4/20

-34.249 $\pm$ 52.357 χ^2/NDF : 73.5/42

-428.070 $\pm$ 72.182 χ^2/NDF : 2.2/21

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 290.739 $\pm$ 0.058 χ^2 /NDF: 0.0/16

Left Out: 312.371 $\pm$ 0.137 χ^2 /NDF:36149.6/3

Right Out: 290.739 $\pm$ 0.054 χ^2 /NDF: 0.0/19

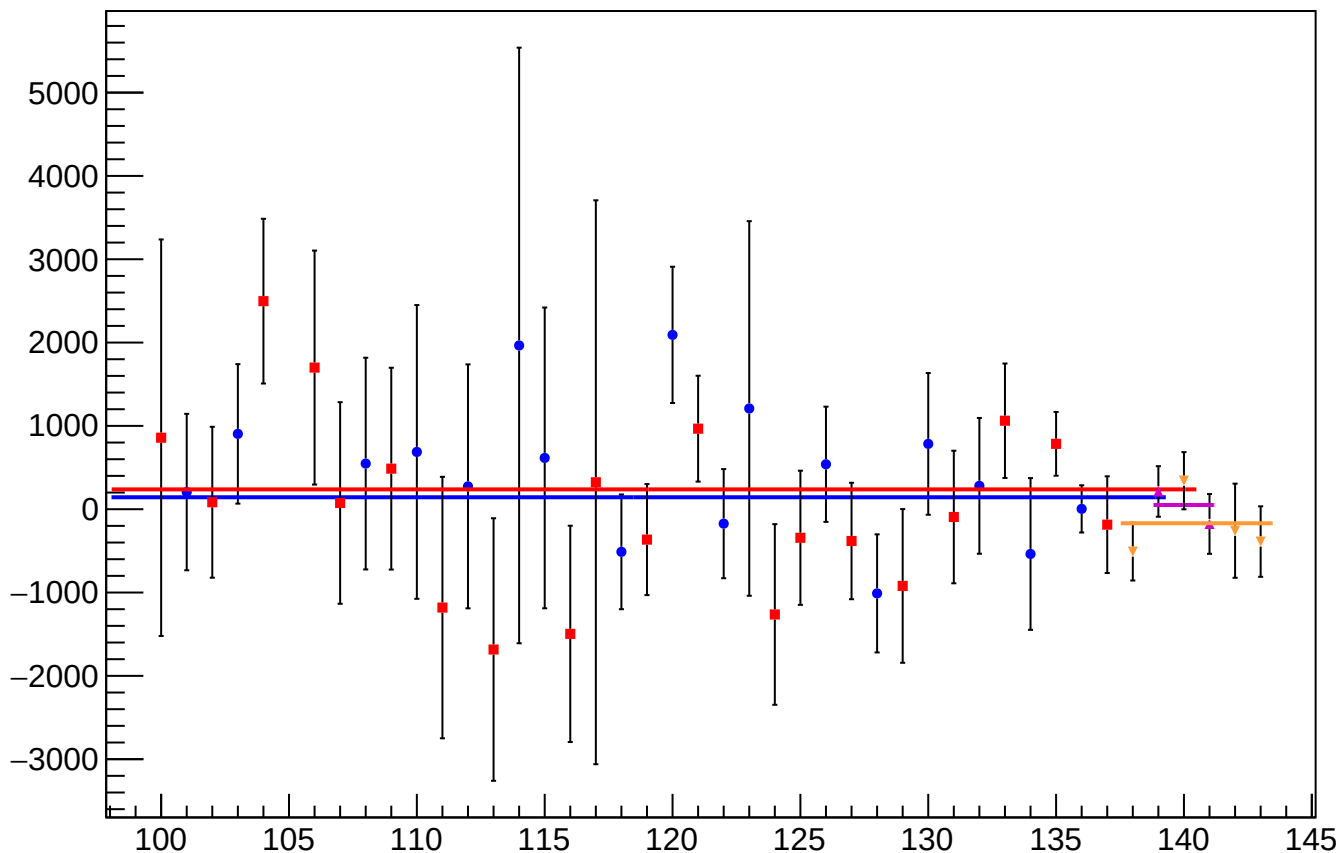
Left In: 285.667 $\pm$ 0.159 χ^2 /NDF:33347.0/1

294.070 $\pm$ 0.054 χ^2 /NDF: 57224.3/20

292.041 $\pm$ 0.037 χ^2 /NDF: 94192.5/42

290.214 $\pm$ 0.051 χ^2 /NDF: 34263.7/21

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

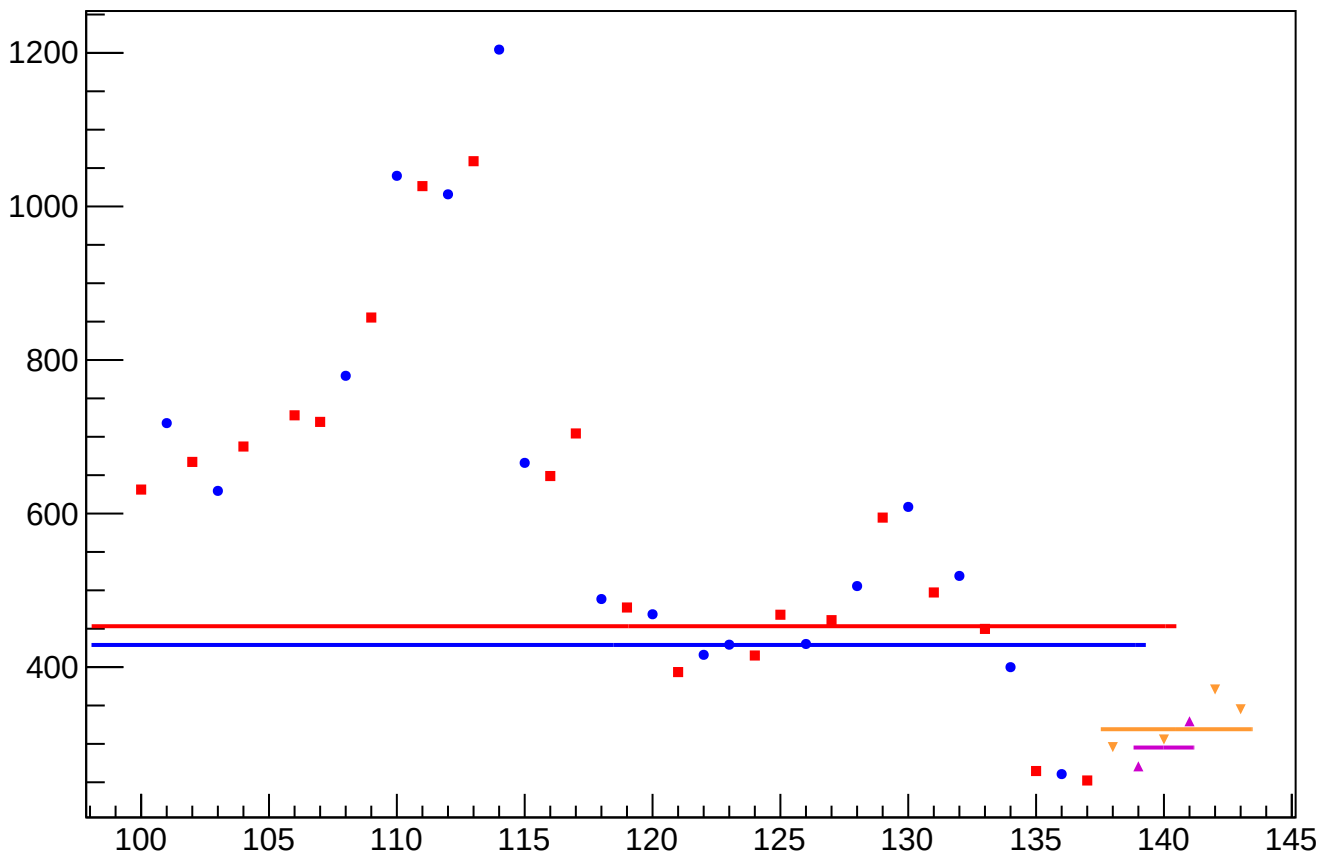
Left In: 50.465 $\pm$ 231.666 χ^2 /NDF: 0.7/1

2.935 $\pm$ 132.877 χ^2 /NDF: 17.6/20

77.788 $\pm$ 97.638 χ^2 /NDF: 41.1/42

165.638 $\pm$ 143.950 χ^2 /NDF: 22.8/21

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.856+/-0.127 χ^2/NDF : 2012329.6/16

Left Out: 319.089+/-0.140 χ^2/NDF : 36385.3/3

Right Out: 453.260+/-0.130 χ^2/NDF : 2050280.3/19

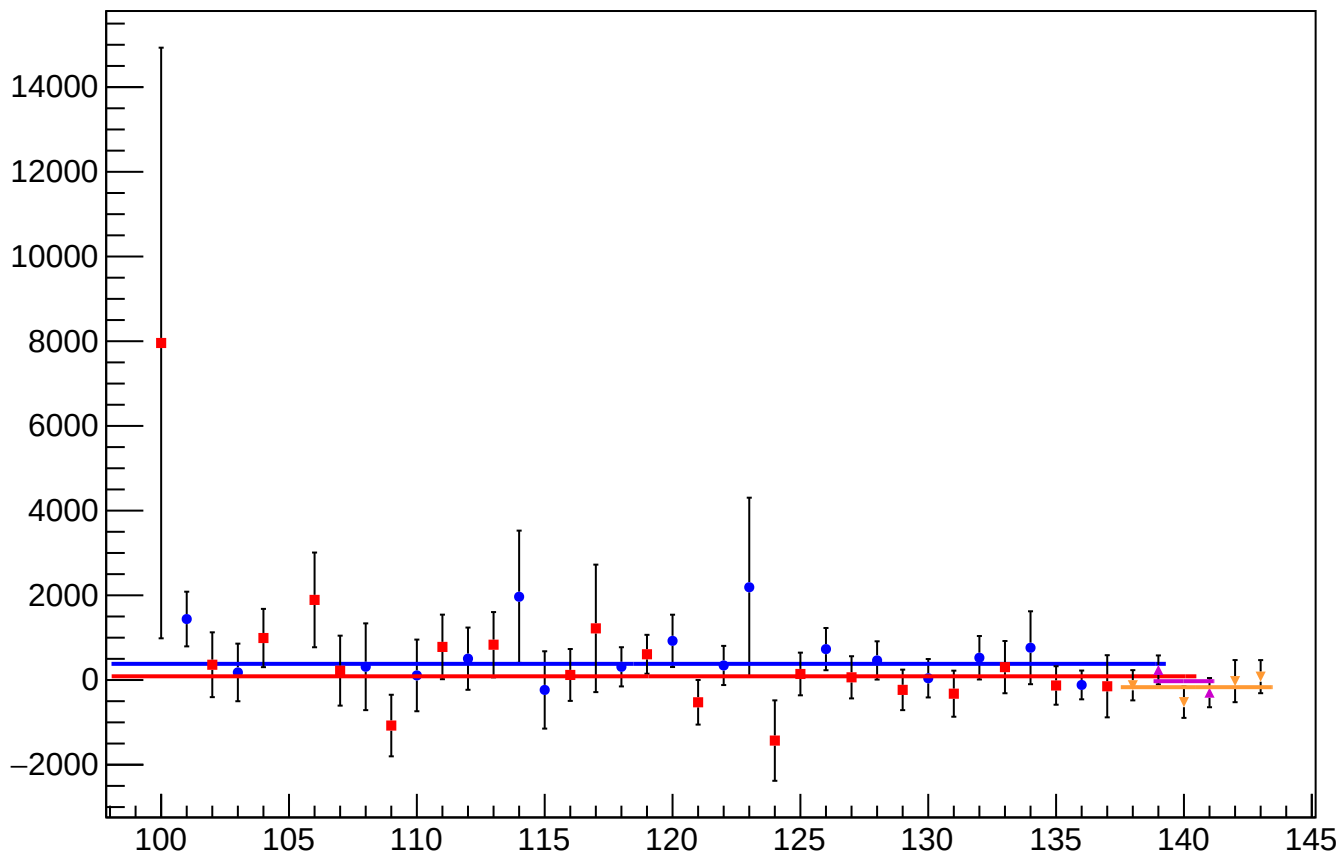
Left In: 295.241+/-0.164 χ^2/NDF : 31202.5/1

379.416+/-0.094 χ^2/NDF : 2386565.9/20

385.320+/-0.069 χ^2/NDF : 5047870.8/42

392.248+/-0.102 χ^2/NDF : 2652723.5/21

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 381.893 $\pm$ 141.192 χ^2/NDF : 9.4/16

Left Out: -168.941 $\pm$ 197.359 χ^2/NDF : 1.4/3

Right Out: 87.772 $\pm$ 142.821 χ^2/NDF : 17.3/19

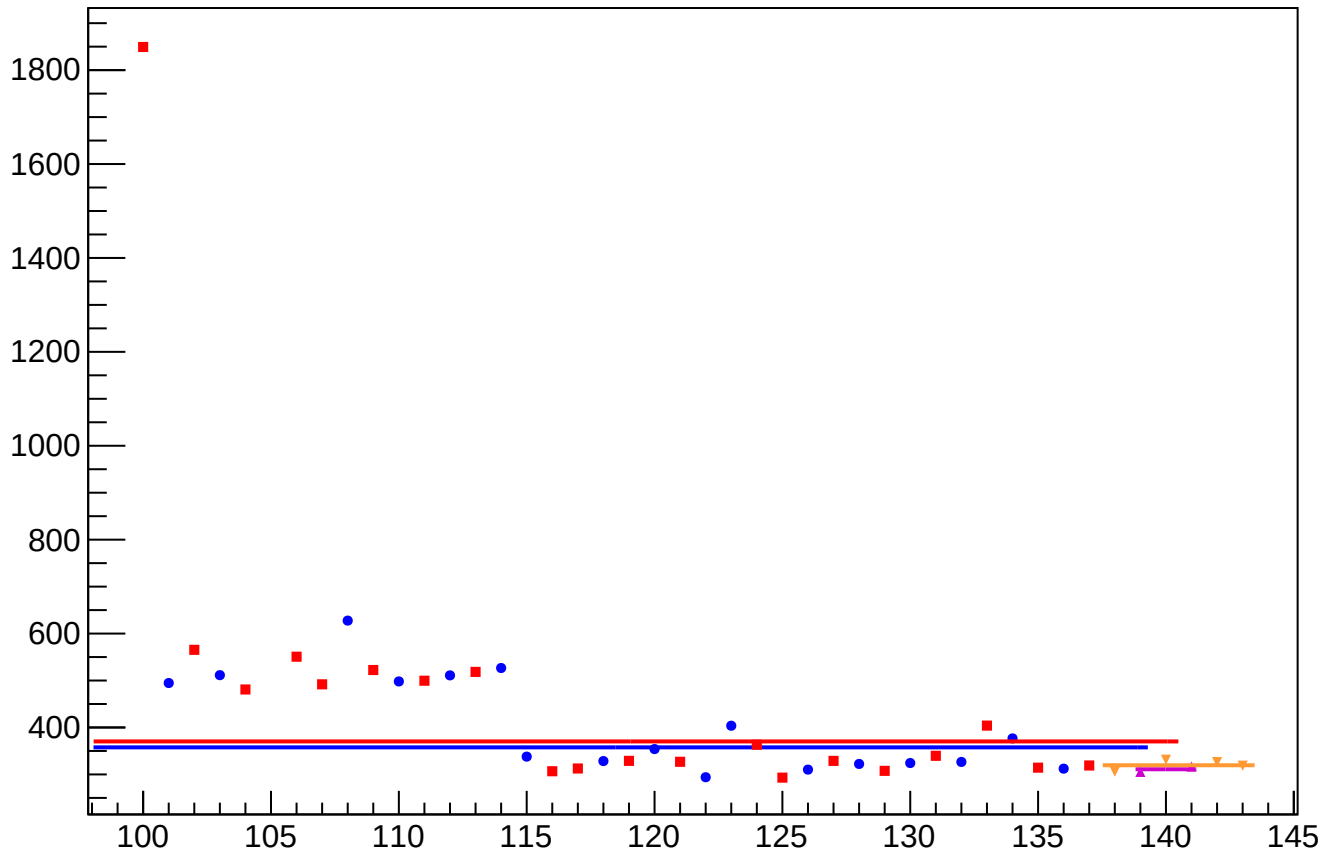
Left In: -27.501 $\pm$ 242.876 χ^2/NDF : 1.2/1

195.413 $\pm$ 114.832 χ^2/NDF : 16.0/20

131.554 $\pm$ 83.973 χ^2/NDF : 35.4/42

58.154 $\pm$ 123.113 χ^2/NDF : 18.7/21

dit_asym_sam2_rms vs Slug, Sign Corrected



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

Left Out: 319.538 +/- 0.140 χ^2/NDF : 5348.5/3

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

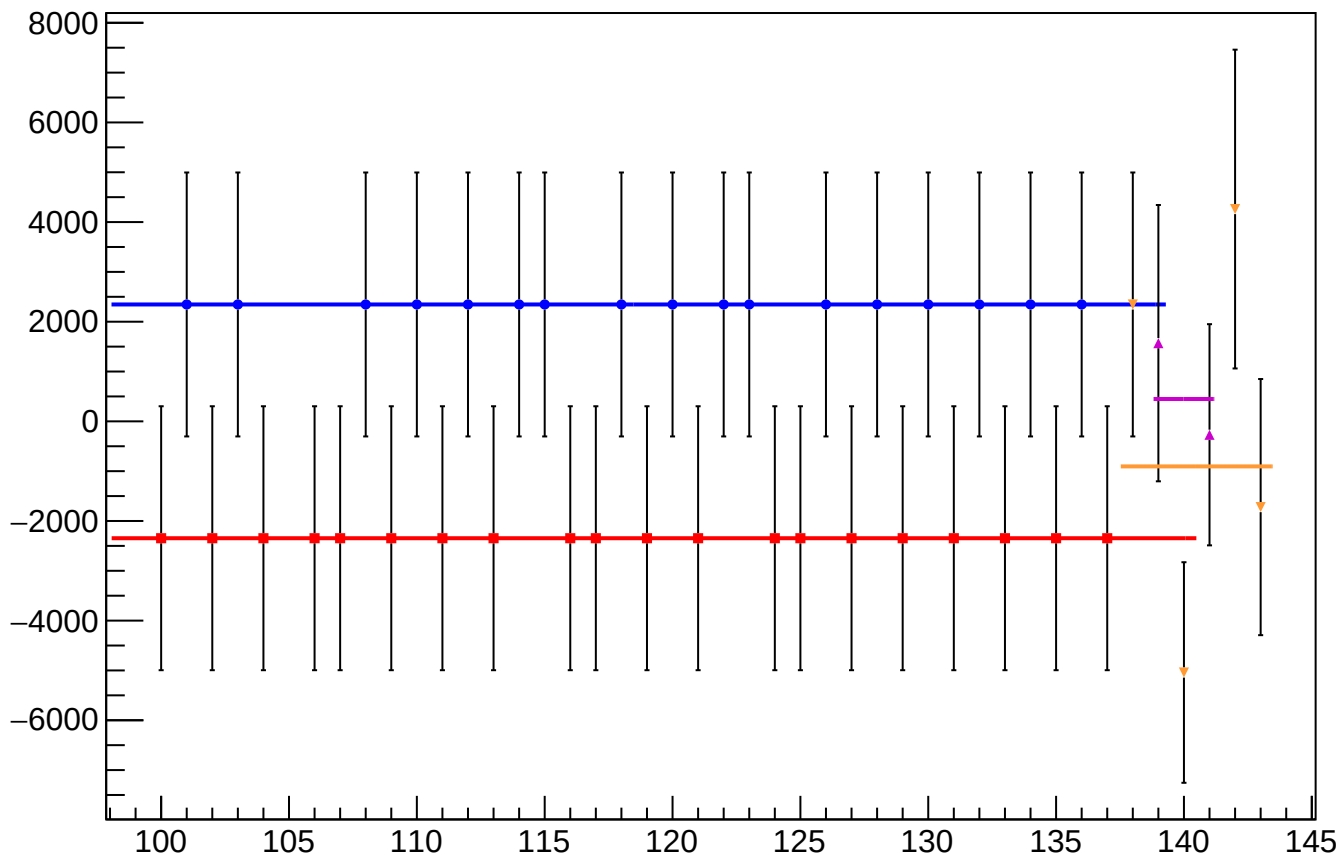
Left In: 311.015 +/- 0.172 χ^2/NDF : 1083.5/1

344.757 +/- 0.081 χ^2/NDF : 684389.9/20

349.543 +/- 0.059 χ^2/NDF : 1569144.1/42

355.045 +/- 0.087 χ^2/NDF : 877285.6/21

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 2346.140 $\pm$ 642.506 χ^2 /NDF: 0.0/16

Left Out: -904.420 $\pm$ 1295.832 χ^2 /NDF:7.7/3

Right Out: -2346.140 $\pm$ 592.361 χ^2 /NDF: 0.0/19

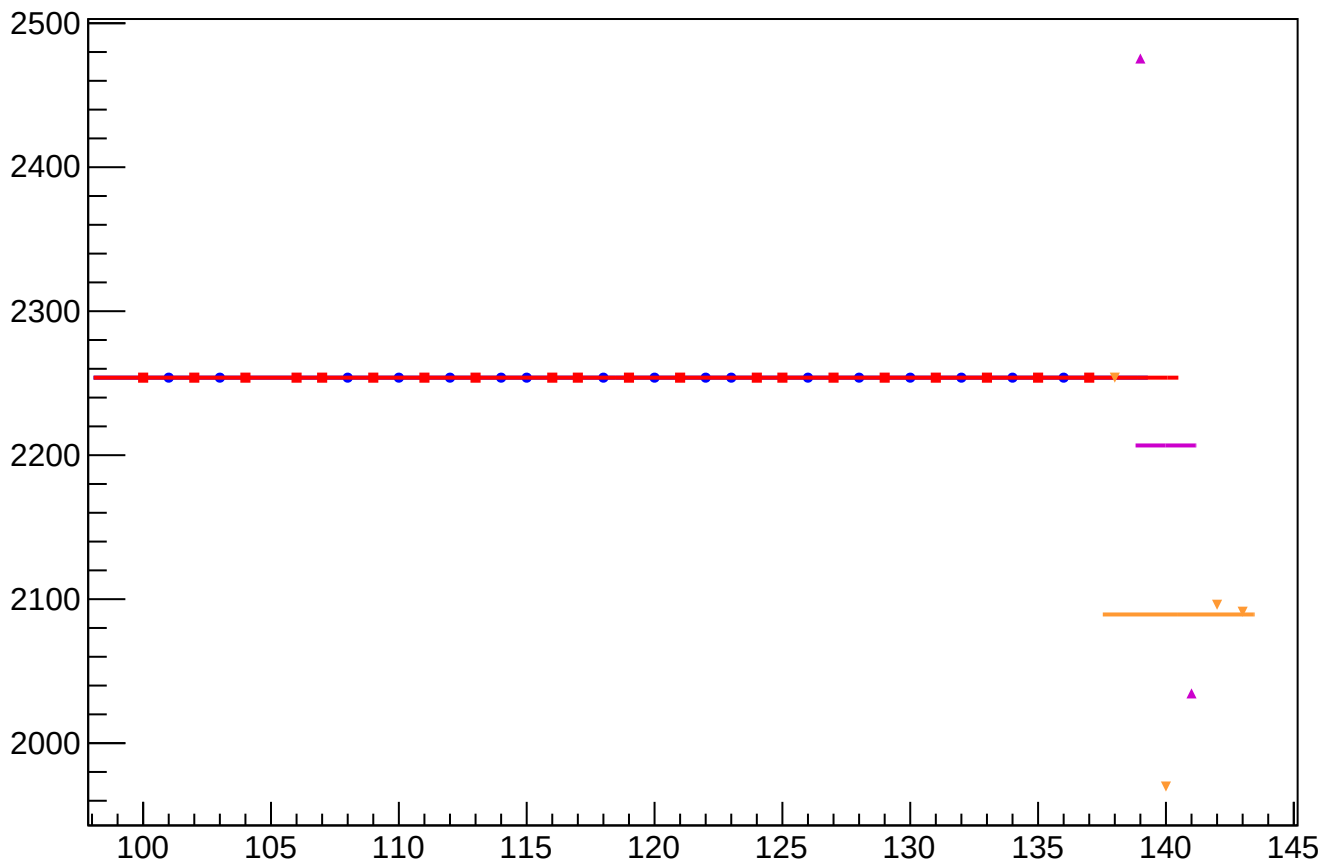
Left In: 448.631 $\pm$ 1733.074 χ^2 /NDF:0.3/1

1704.706 $\pm$ 575.633 χ^2 /NDF: 12.8/20

-224.517 $\pm$ 401.586 χ^2 /NDF: 37.2/42

-2053.792 $\pm$ 560.524 χ^2 /NDF: 2.6/21

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 2253.842 ± 0.454 χ^2/NDF : 0.0/16

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

Right Out: 2253.842 ± 0.419 χ^2/NDF : 0.0/19

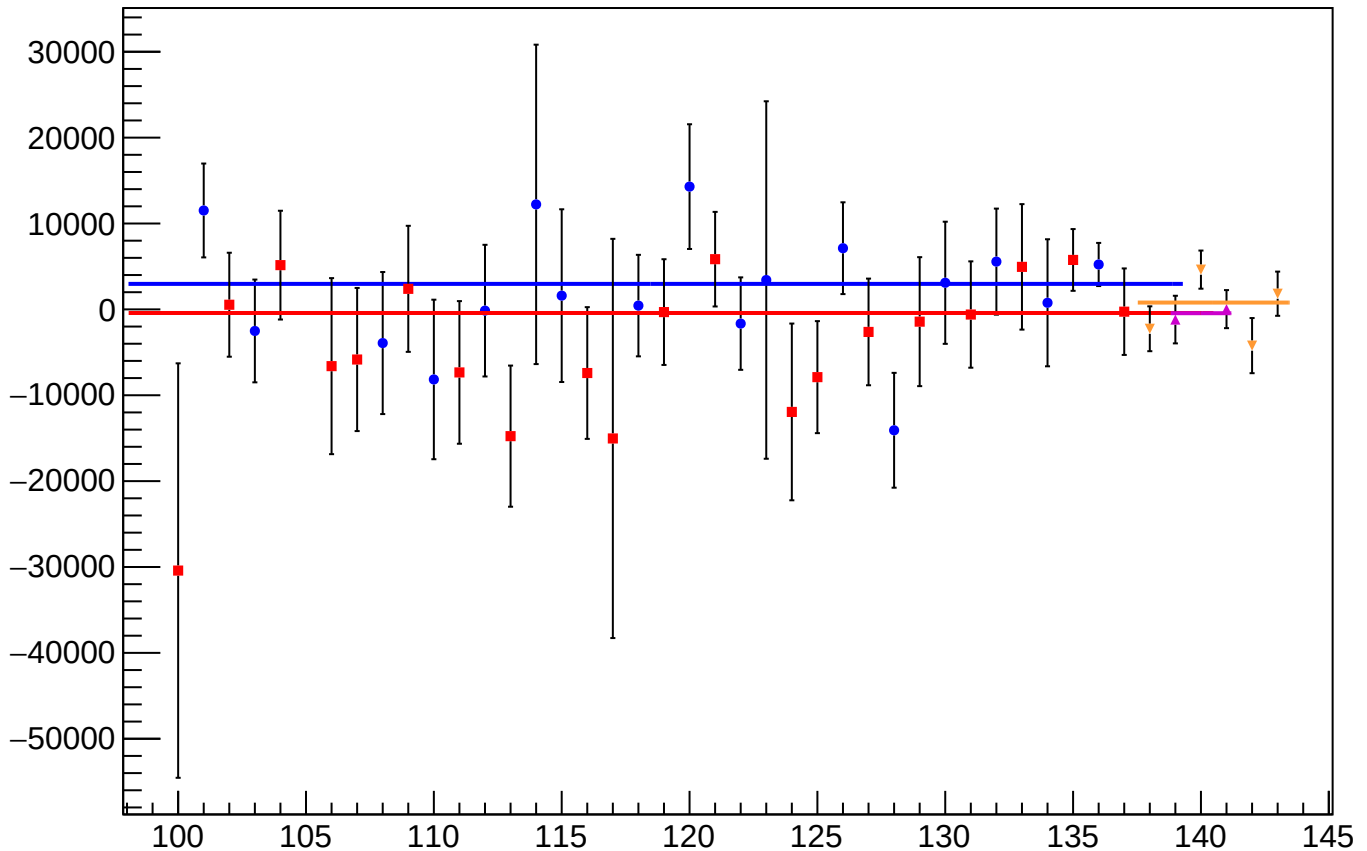
Left In: 2206.756 ± 1.225 χ^2/NDF : 30816.4/1

2221.388 ± 0.407 χ^2/NDF : 39406.6/20

2235.518 ± 0.284 χ^2/NDF : 73892.9/42

2248.917 ± 0.396 χ^2/NDF : 32138.3/21

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2969.125 ± 1440.489 $\chi^2/\text{NDF}: 17.4/16$

Left Out: 793.890 ± 1293.921 $\chi^2/\text{NDF}: 6.9/3$

Right Out: -420.104 ± 1503.907 $\chi^2/\text{NDF}: 15.7/19$

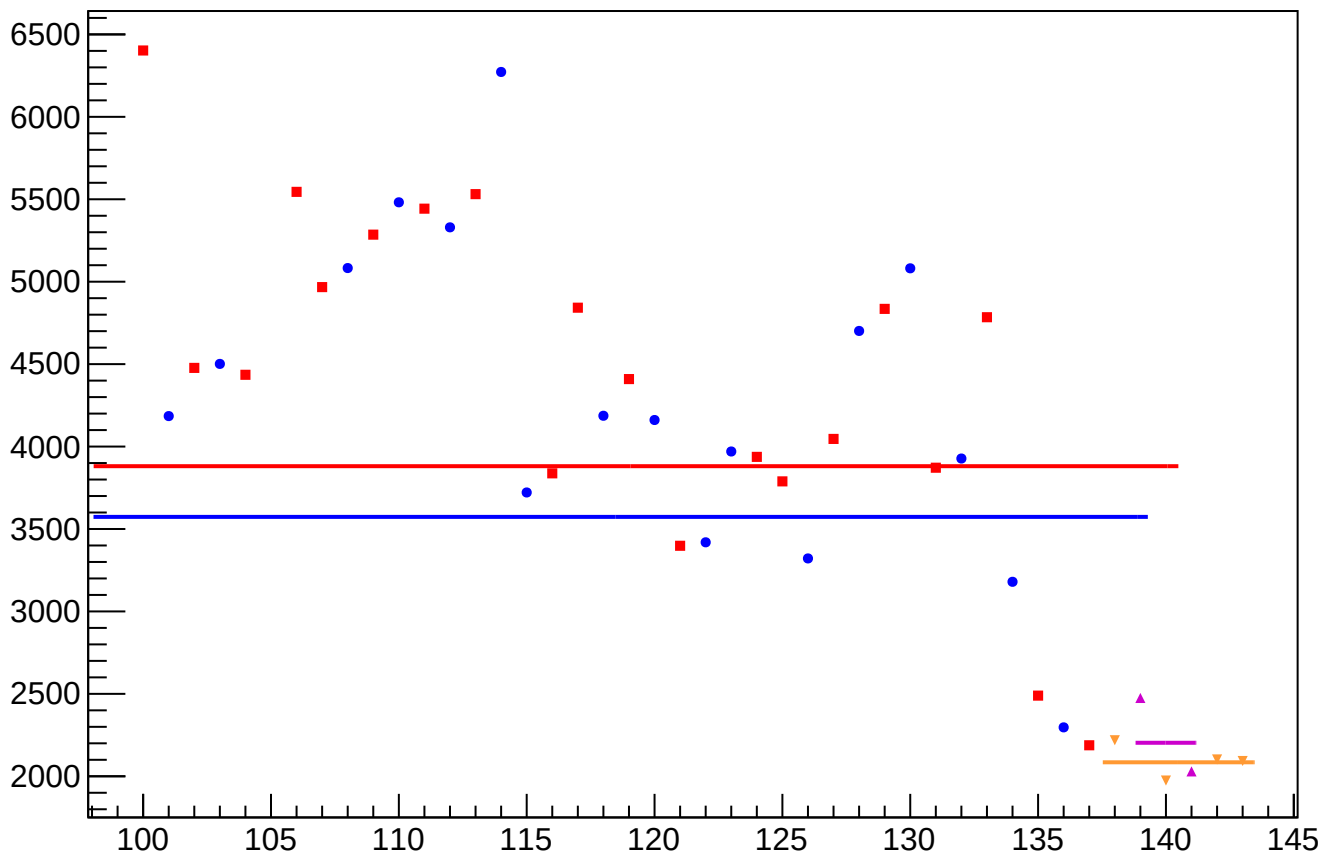
Left In: -444.666 ± 1731.034 $\chi^2/\text{NDF}: 0.1/1$

1765.245 ± 962.600 $\chi^2/\text{NDF}: 25.6/20$

846.832 ± 734.208 $\chi^2/\text{NDF}: 43.6/42$

-430.669 ± 1135.291 $\chi^2/\text{NDF}: 15.9/21$

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3573.470 ± 1.019 $\chi^2/\text{NDF}: 1088731.5/16$

Left Out: 2084.873 ± 0.915 $\chi^2/\text{NDF}: 10282.6/3$

Right Out: 3880.955 ± 1.063 $\chi^2/\text{NDF}: 991845.4/19$

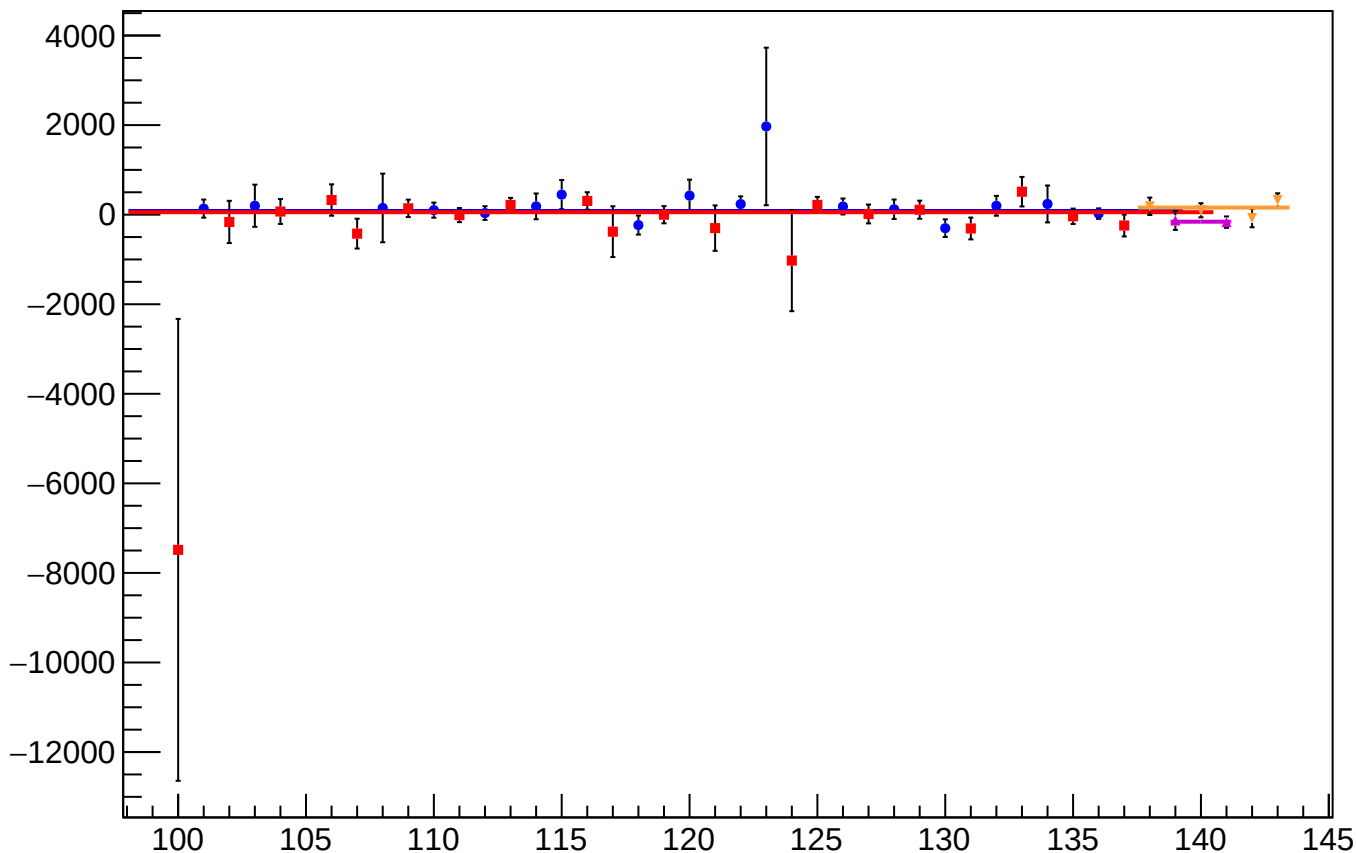
Left In: 2203.271 ± 1.224 $\chi^2/\text{NDF}: 31506.4/1$

2749.609 ± 0.681 $\chi^2/\text{NDF}: 2281078.5/20$

2920.968 ± 0.519 $\chi^2/\text{NDF}: 4526535.0/42$

3159.326 ± 0.803 $\chi^2/\text{NDF}: 2093915.5/21$

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

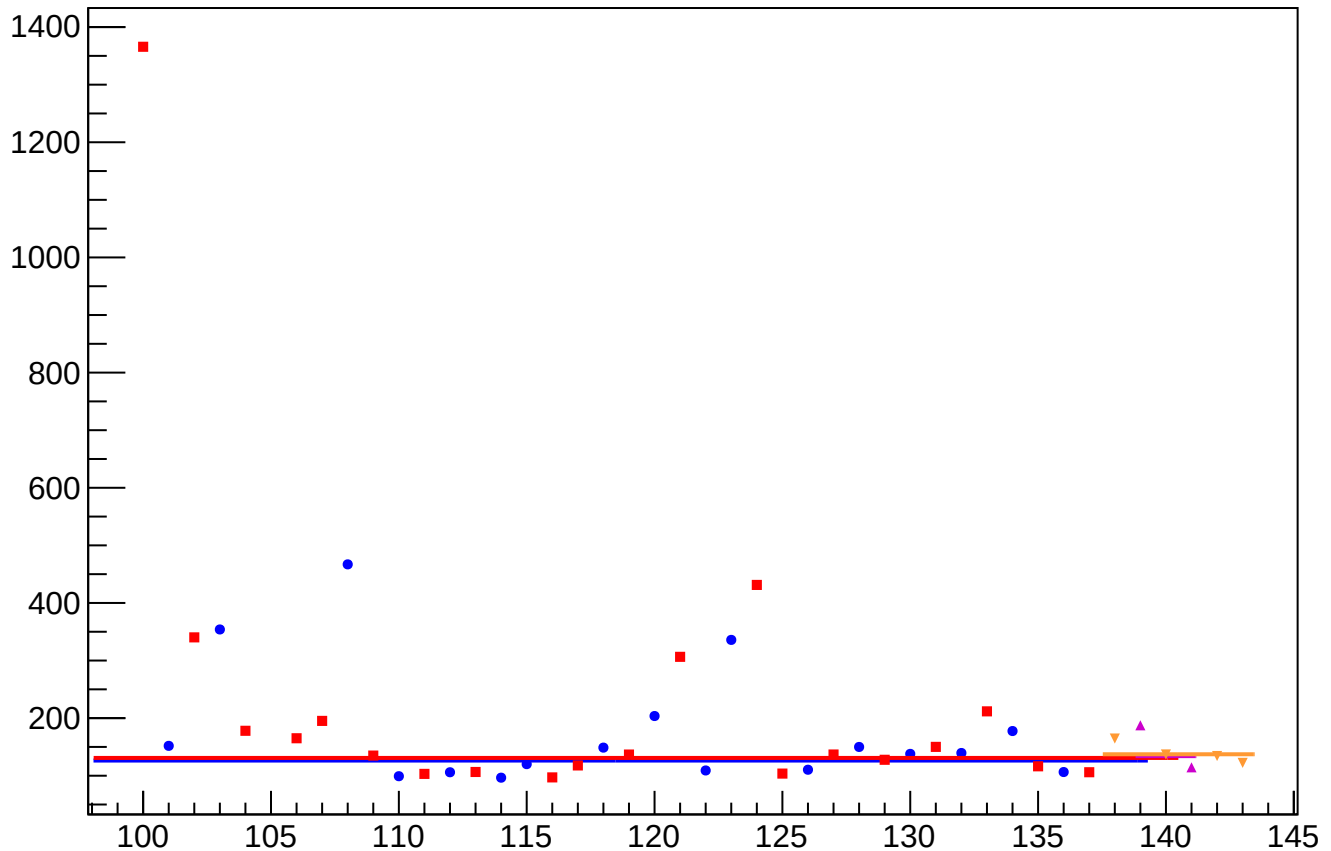
Left In: -156.911+/-109.058 χ^2/NDF : 0.0/1

102.133+/-44.537 χ^2/NDF : 14.7/20

61.361+/-32.528 χ^2/NDF : 36.6/42

14.749+/-47.621 χ^2/NDF : 20.1/21

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 126.339 $\pm$ 0.037 χ^2 /NDF: 1310585.0/16

Left Out: 137.254 $\pm$ 0.061 χ^2 /NDF: 59169.5/3

Right Out: 130.893 $\pm$ 0.037 χ^2 /NDF: 1430327.9/19

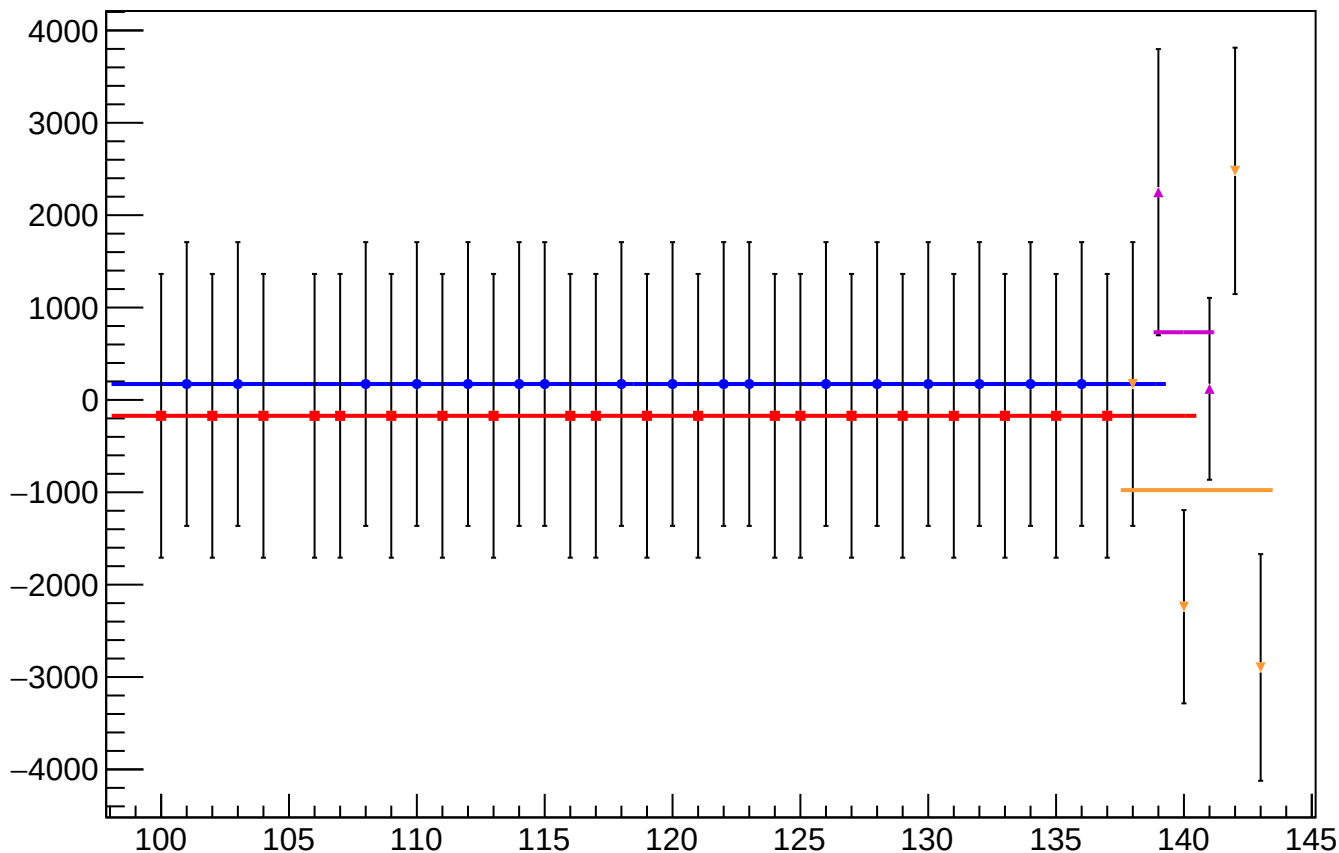
Left In: 134.009 $\pm$ 0.077 χ^2 /NDF: 174939.1/1

129.218 $\pm$ 0.031 χ^2 /NDF: 1393080.7/20

130.277 $\pm$ 0.023 χ^2 /NDF: 3002090.1/42

131.487 $\pm$ 0.034 χ^2 /NDF: 1606588.9/21

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 172.139+/-372.553 χ^2/NDF : 0.0/16

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

Right Out: -172.139+/-343.477 χ^2/NDF : 0.0/19

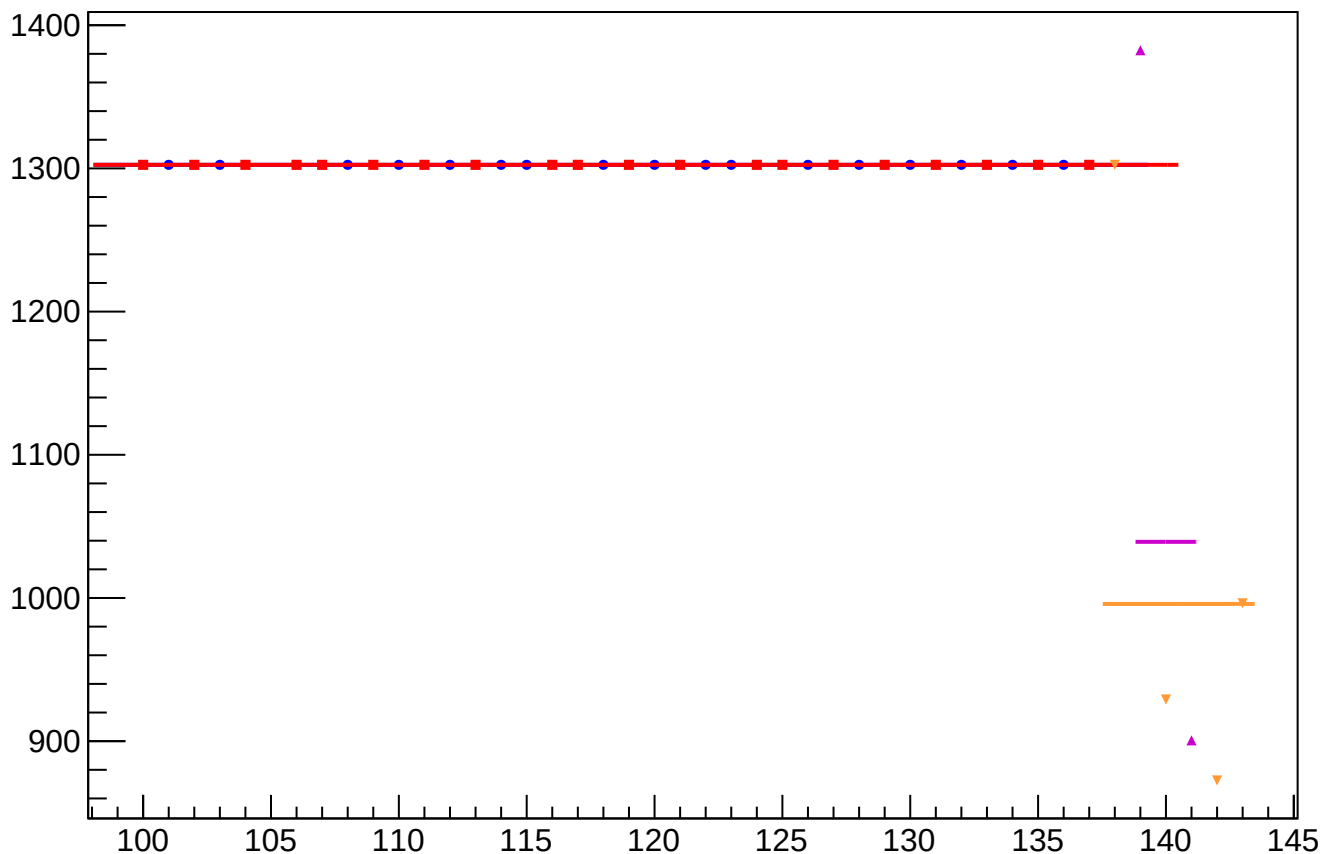
Left In: 732.557+/-830.916 χ^2/NDF : 1.3/1

-129.266+/-319.951 χ^2/NDF : 13.7/20

-84.334+/-225.341 χ^2/NDF : 16.1/42

-40.109+/-317.426 χ^2/NDF : 2.4/21

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1302.497 $\pm$ 0.263 χ^2 /NDF: 0.0/16

Left Out: 995.851 $\pm$ 0.442 χ^2 /NDF:104919.6/3

Right Out: 1302.497 $\pm$ 0.243 χ^2 /NDF: 0.0/19

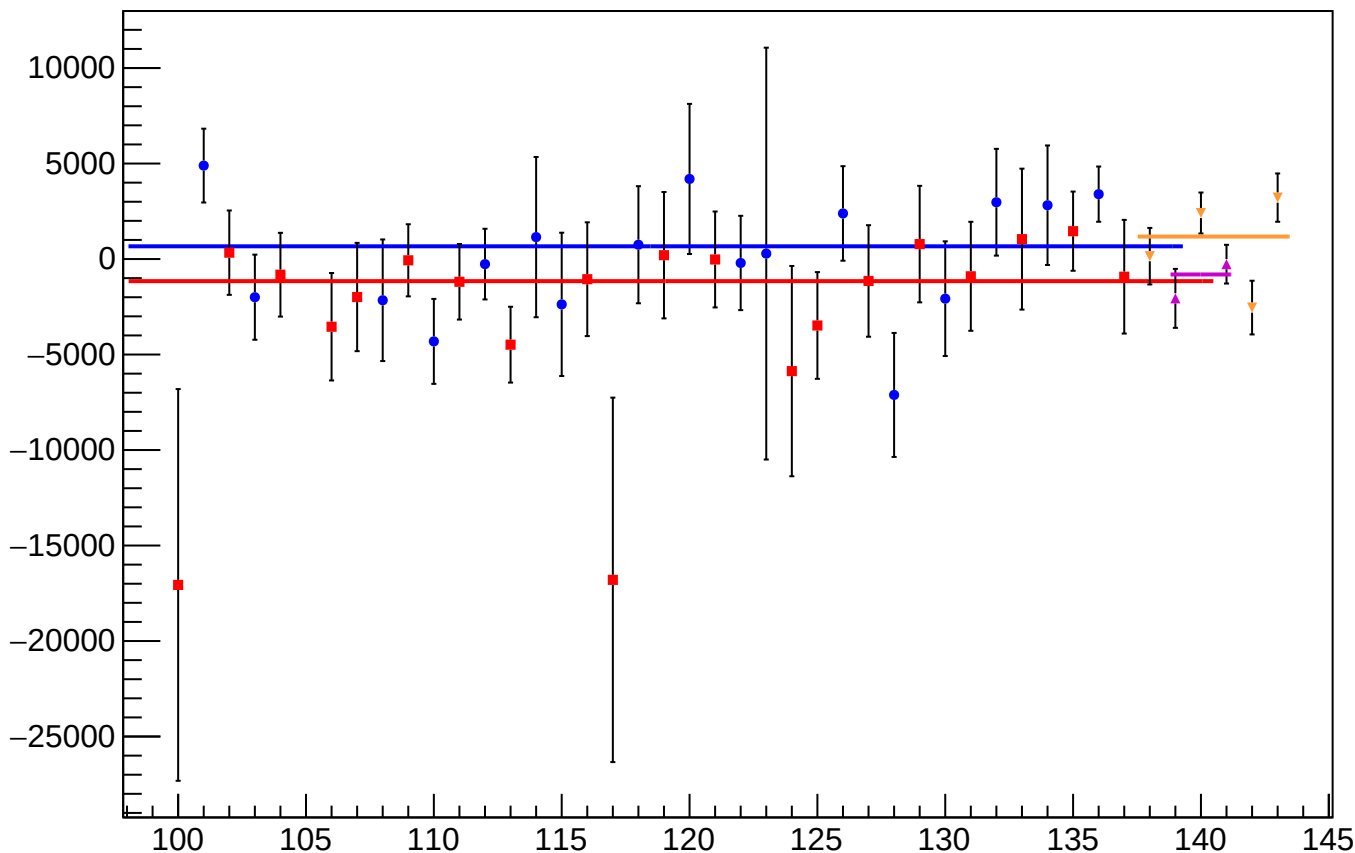
Left In: 1039.219 $\pm$ 0.588 χ^2 /NDF:137875.8/1

1222.017 $\pm$ 0.226 χ^2 /NDF: 460531.4/20

1243.213 $\pm$ 0.159 χ^2 /NDF: 787310.3/42

1264.075 $\pm$ 0.224 χ^2 /NDF: 309363.2/21

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

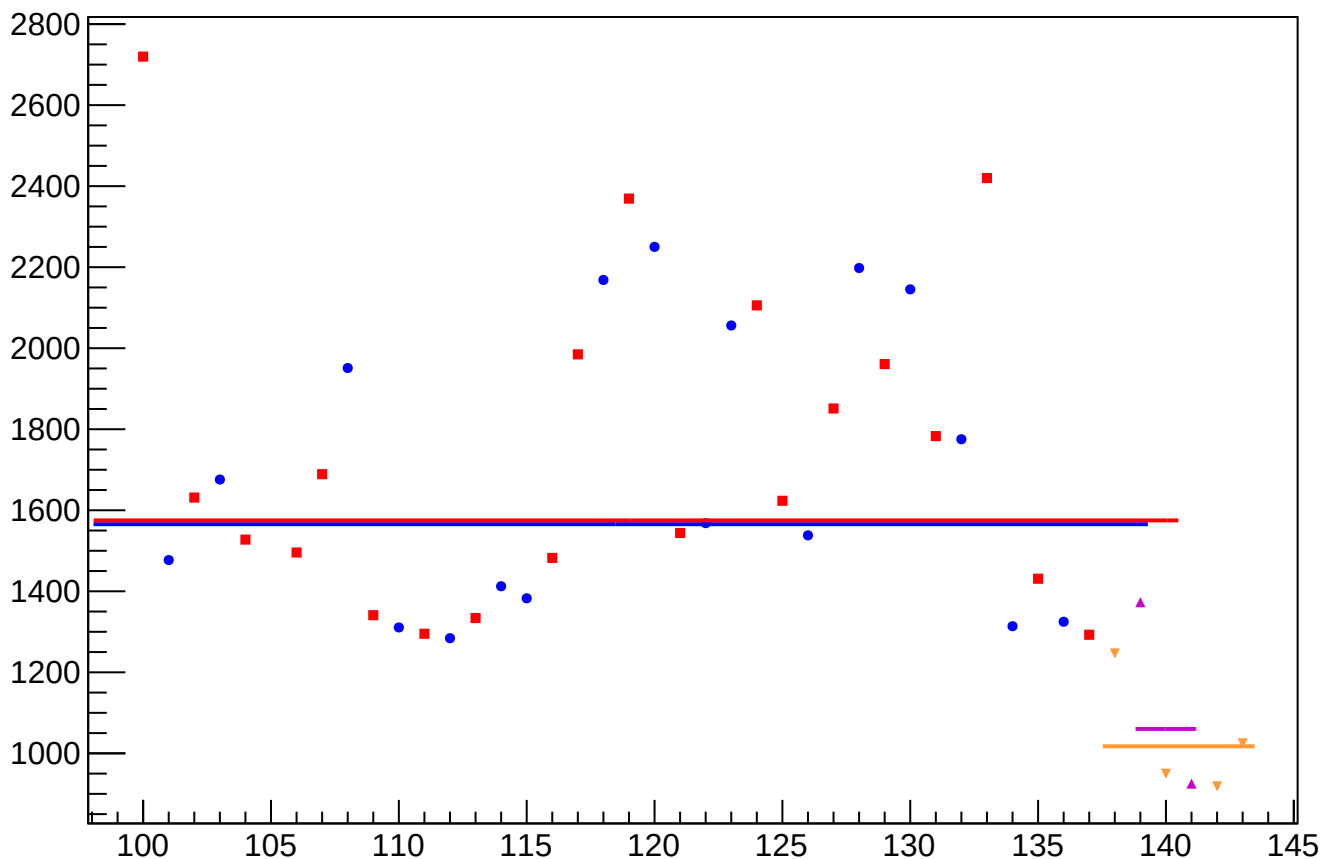
Left In: -807.834+/-847.416 χ^2/NDF : 0.9/1

913.931+/-444.155 χ^2/NDF : 37.4/20

33.628+/-329.223 χ^2/NDF : 60.8/42

-1039.820+/-490.466 χ^2/NDF : 14.7/21

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

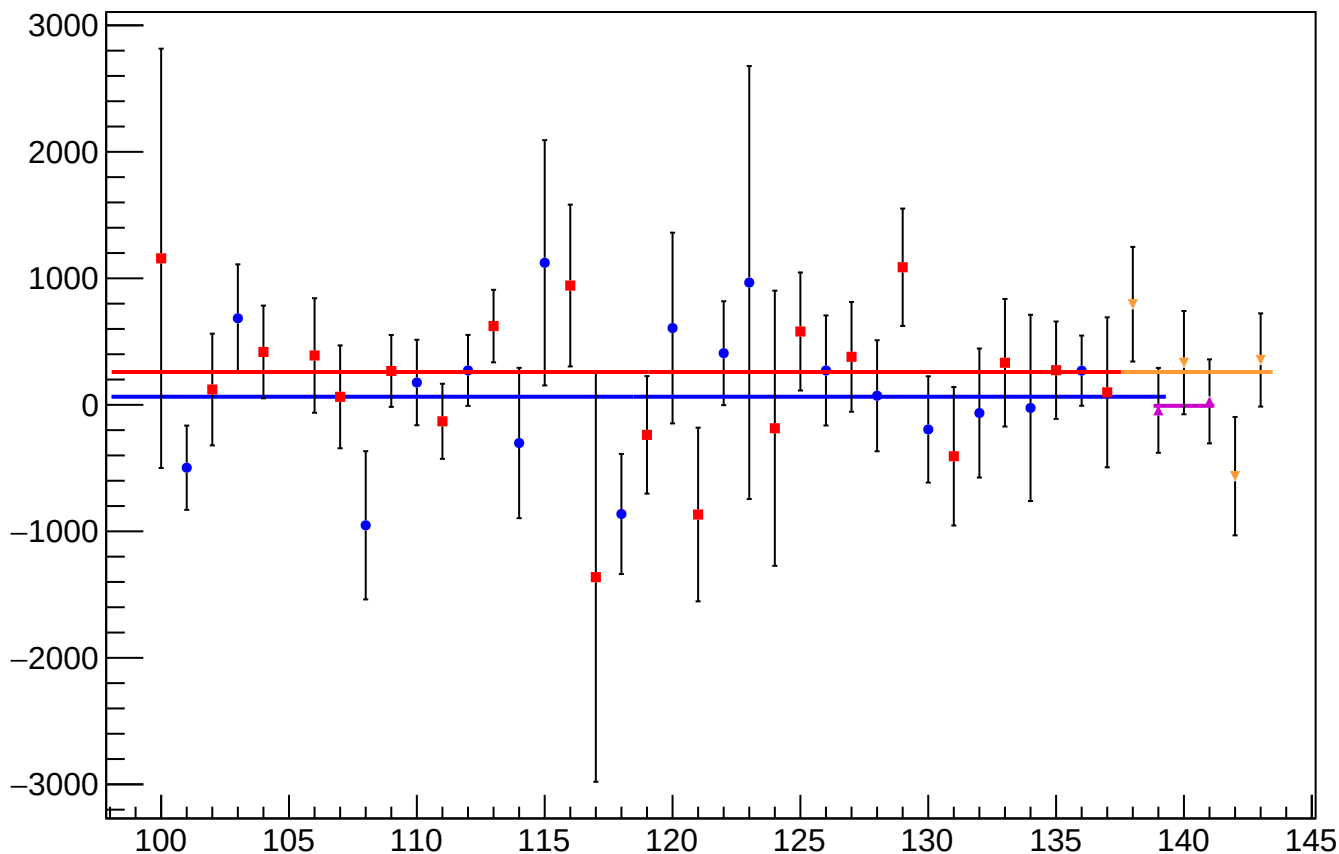
Left In: 1060.241+/-0.599 χ^2/NDF : 117484.0/1

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

1346.107+/-0.233 χ^2/NDF : 2439938.0/42

1402.564+/-0.347 χ^2/NDF : 1073999.8/21

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 64.087+/-105.336 χ^2/NDF : 16.8/16

Left Out: 259.265+/-209.396 χ^2/NDF : 4.6/3

Right Out: 259.542+/-99.192 χ^2/NDF : 15.7/19

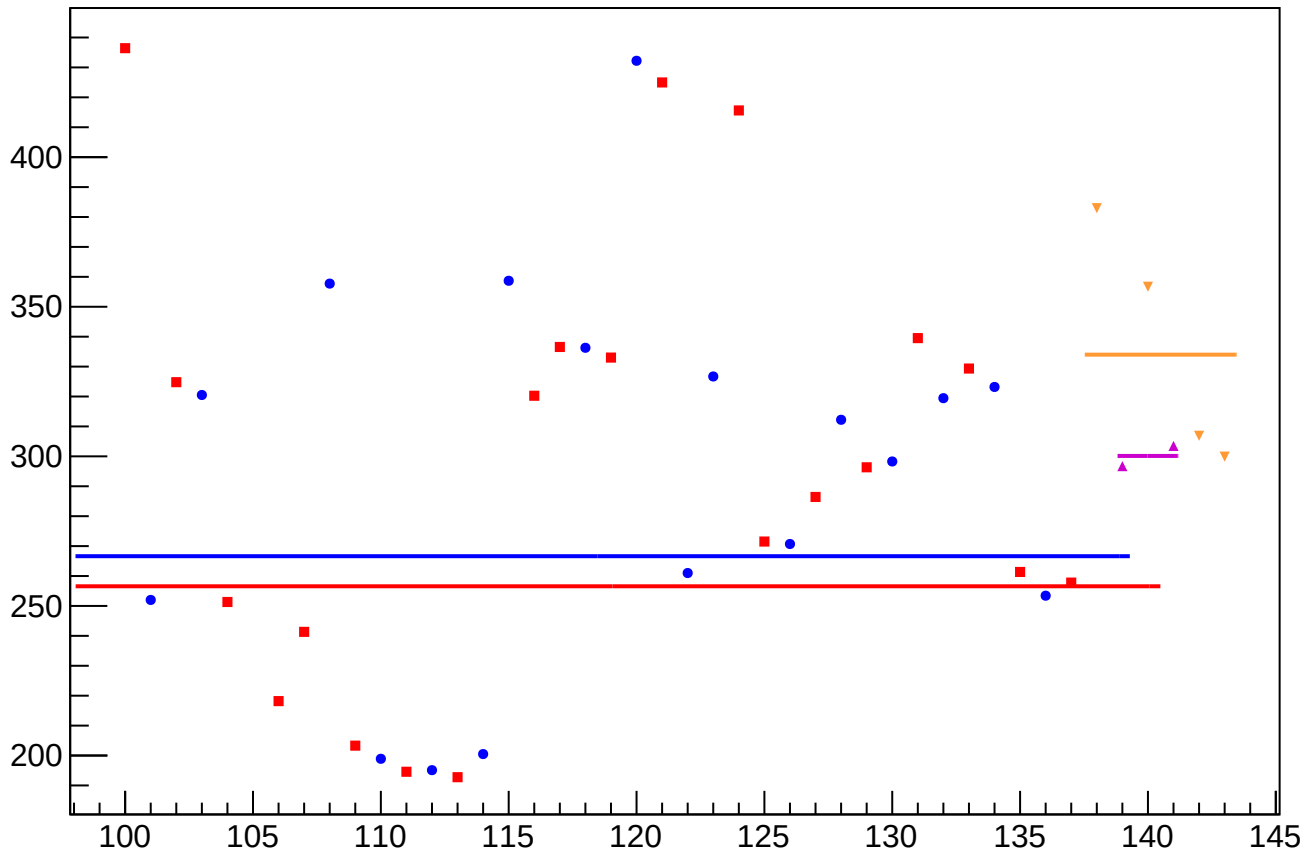
Left In: -7.757+/-236.075 χ^2/NDF : 0.0/1

103.504+/-94.101 χ^2/NDF : 22.0/20

163.125+/-65.581 χ^2/NDF : 39.6/42

219.433+/-91.448 χ^2/NDF : 16.8/21

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 0.074 χ^2/NDF : 550752.5/16

Left Out: 333.989 $\pm$ 0.148 χ^2/NDF : 53361.3/3

Right Out: 256.570 $\pm$ 0.070 χ^2/NDF : 701804.1/19

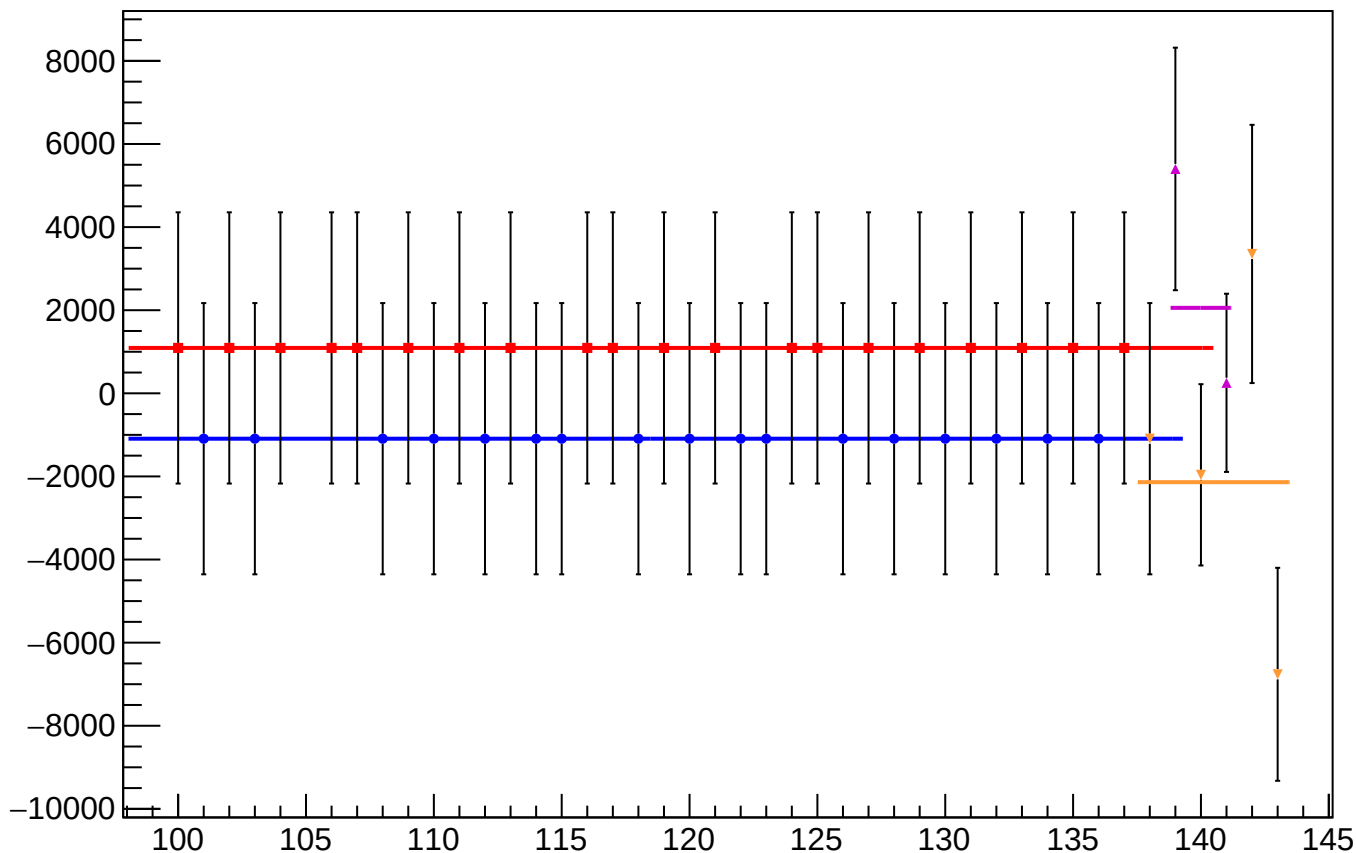
Left In: 300.138 $\pm$ 0.167 χ^2/NDF : 410.2/1

280.229 $\pm$ 0.067 χ^2/NDF : 769302.9/20

271.423 $\pm$ 0.046 χ^2/NDF : 1563464.6/42

263.108 $\pm$ 0.065 χ^2/NDF : 760111.8/21

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -1092.185+/-791.569 χ^2/NDF : 0.0/16

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

Right Out: 1092.185+/-729.791 χ^2/NDF : 0.0/19

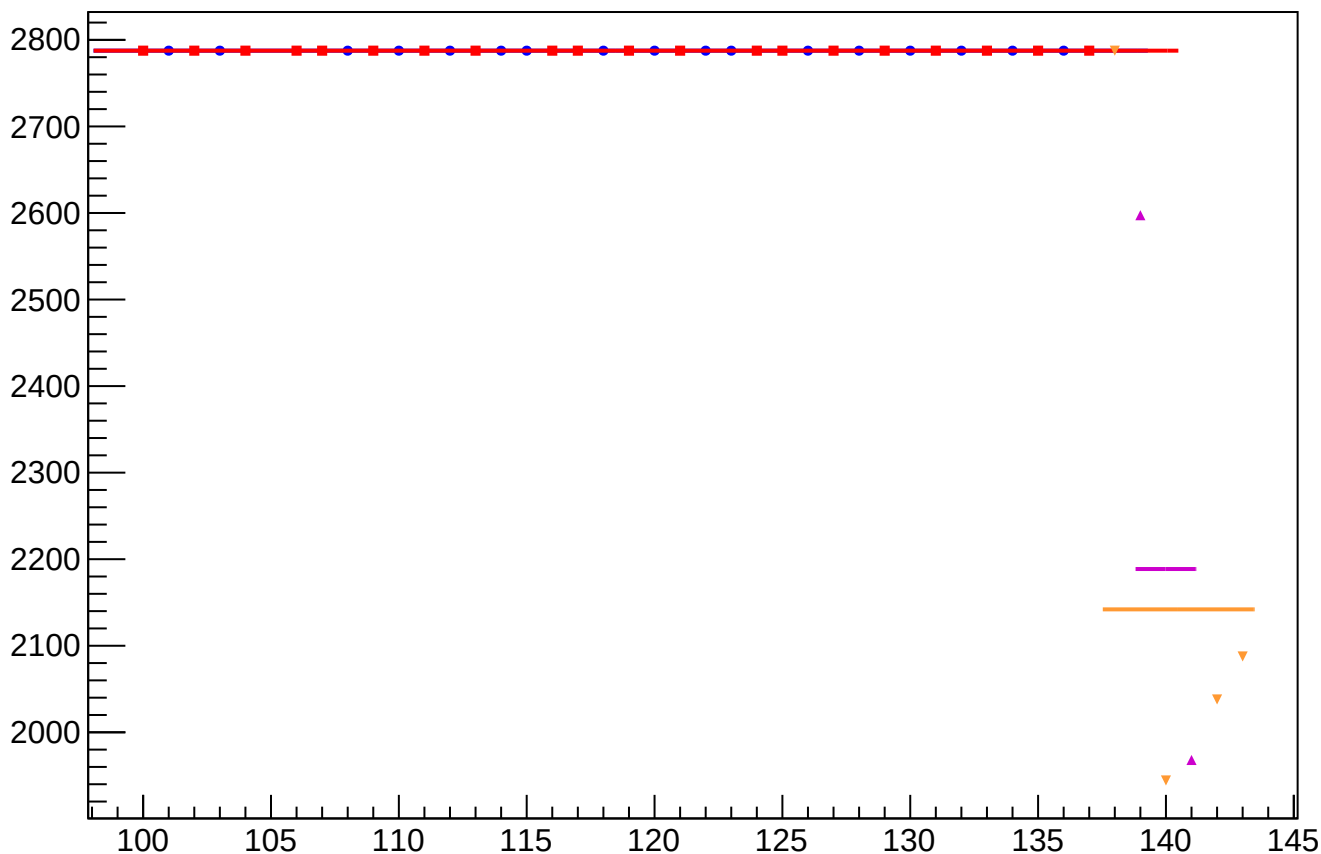
Left In: 2056.588+/-1727.887 χ^2/NDF : 2.0/1

-1363.835+/-681.074 χ^2/NDF : 6.9/20

-45.933+/-478.455 χ^2/NDF : 16.6/42

1238.179+/-672.286 χ^2/NDF : 2.3/21

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2787.542 $\pm$ 0.560 χ^2 /NDF: 0.0/16

Left Out: 2142.032 $\pm$ 0.945 χ^2 /NDF:97802.9/3

Right Out: 2787.542 $\pm$ 0.516 χ^2 /NDF: 0.0/19

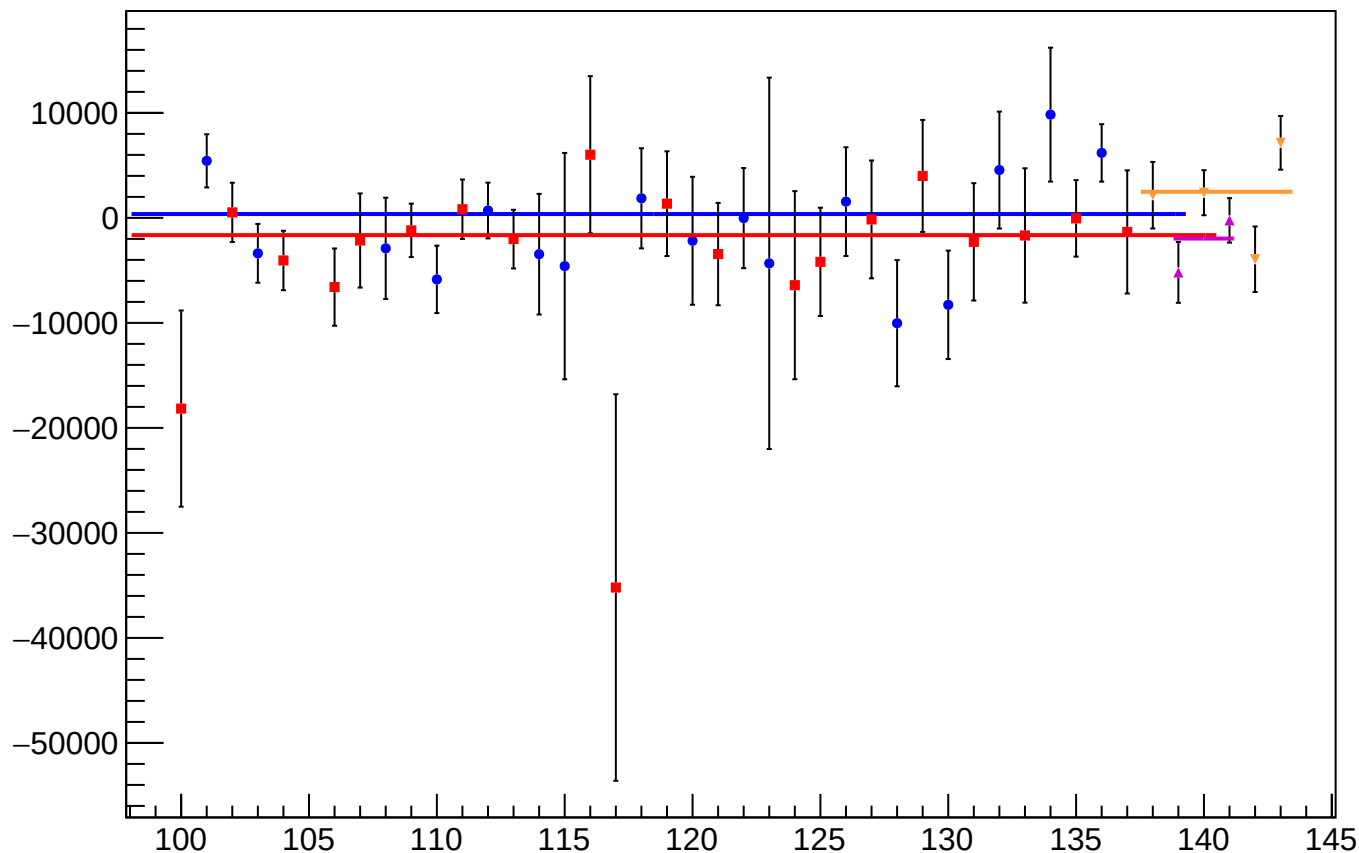
Left In: 2188.656 $\pm$ 1.222 χ^2 /NDF:60410.3/1

2619.906 $\pm$ 0.482 χ^2 /NDF: 443202.9/20

2658.893 $\pm$ 0.338 χ^2 /NDF: 720443.9/42

2696.881 $\pm$ 0.475 χ^2 /NDF: 264301.7/21

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

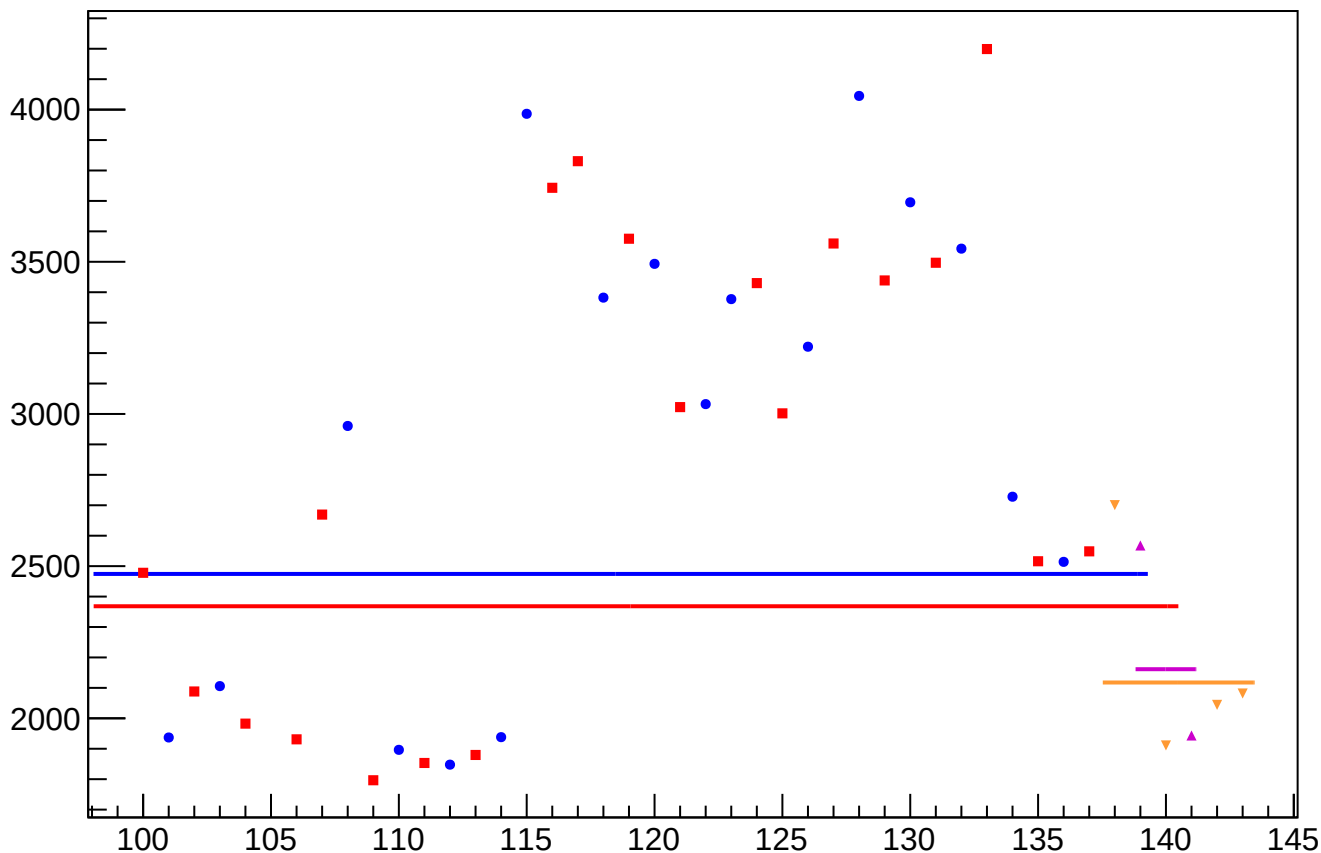
Left In: -1967.795+/-1709.948 χ^2/NDF : 1.9/1

1131.043+/-793.652 χ^2/NDF : 33.4/20

-259.477+/-567.613 χ^2/NDF : 55.5/42

-1715.457+/-812.118 χ^2/NDF : 15.8/21

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

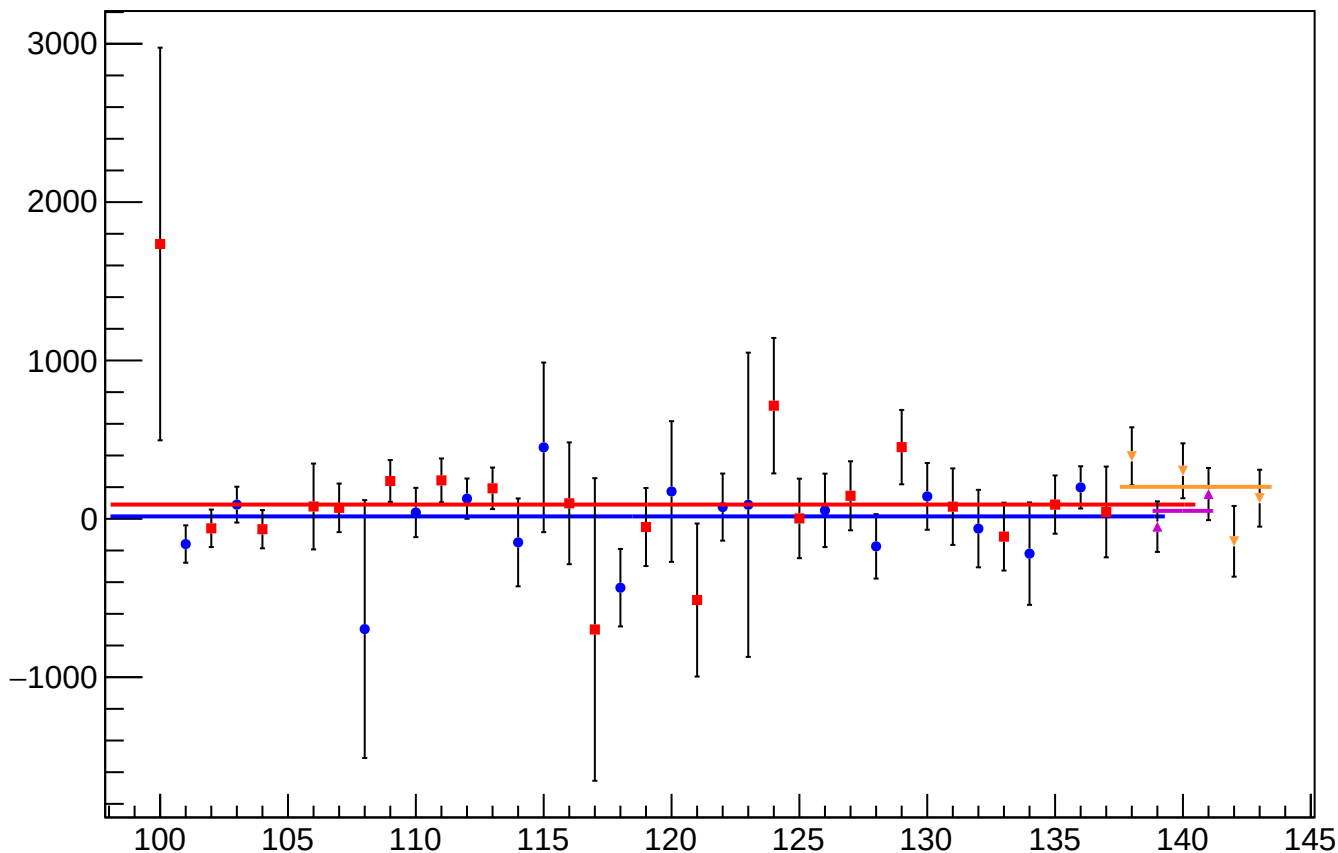
Left In: 2161.364 $\pm$ 1.209 χ^2 /NDF: 60556.3/1

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

2333.937 $\pm$ 0.401 χ^2 /NDF: 2207256.6/42

2321.539 $\pm$ 0.574 χ^2 /NDF: 1119276.1/21

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 15.303 $\pm$ 46.443 χ^2/NDF : 12.6/16

Left Out: 201.976 $\pm$ 93.633 χ^2/NDF : 4.0/3

Right Out: 90.013 $\pm$ 43.274 χ^2/NDF : 16.3/19

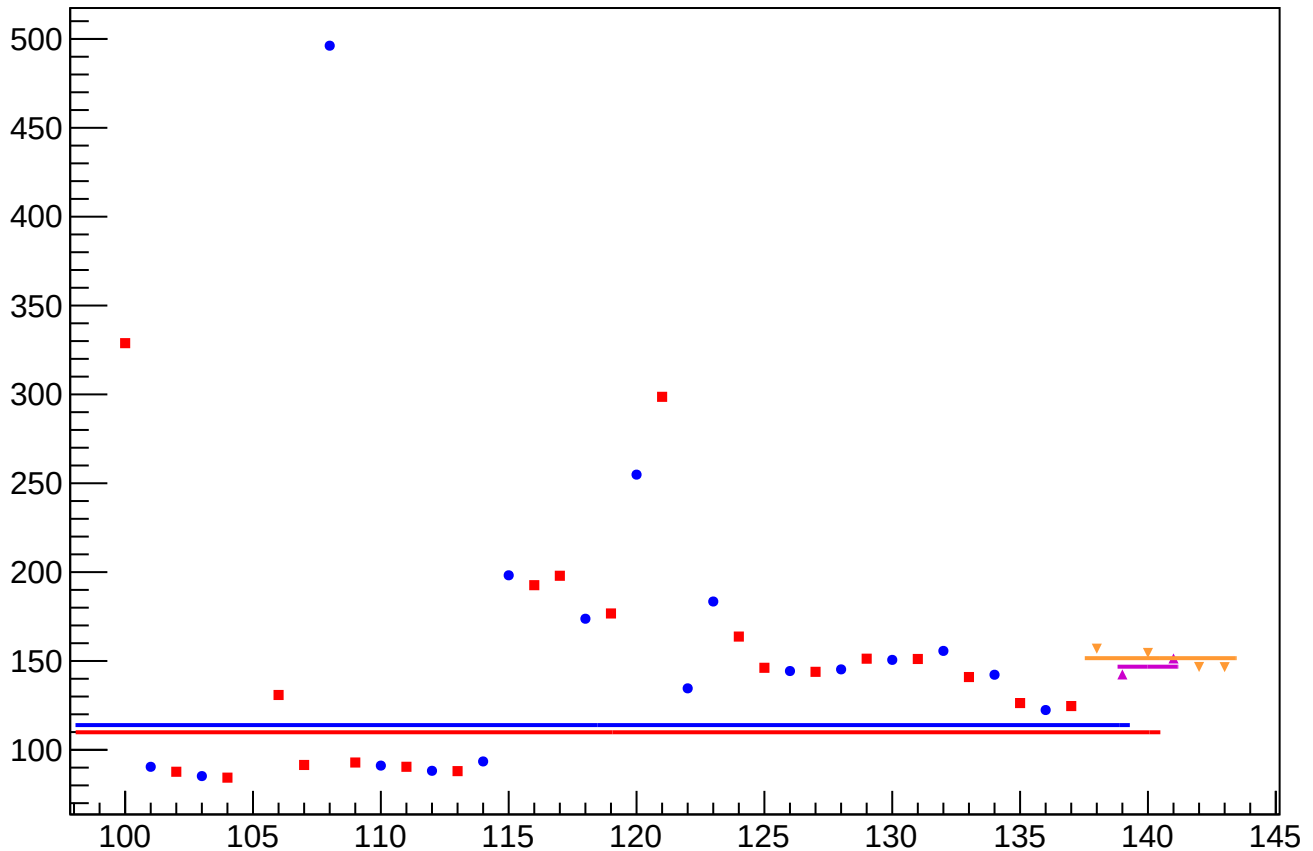
Left In: 50.330 $\pm$ 114.688 χ^2/NDF : 0.8/1

52.162 $\pm$ 41.606 χ^2/NDF : 19.7/20

69.063 $\pm$ 29.017 χ^2/NDF : 37.3/42

85.067 $\pm$ 40.488 χ^2/NDF : 17.3/21

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

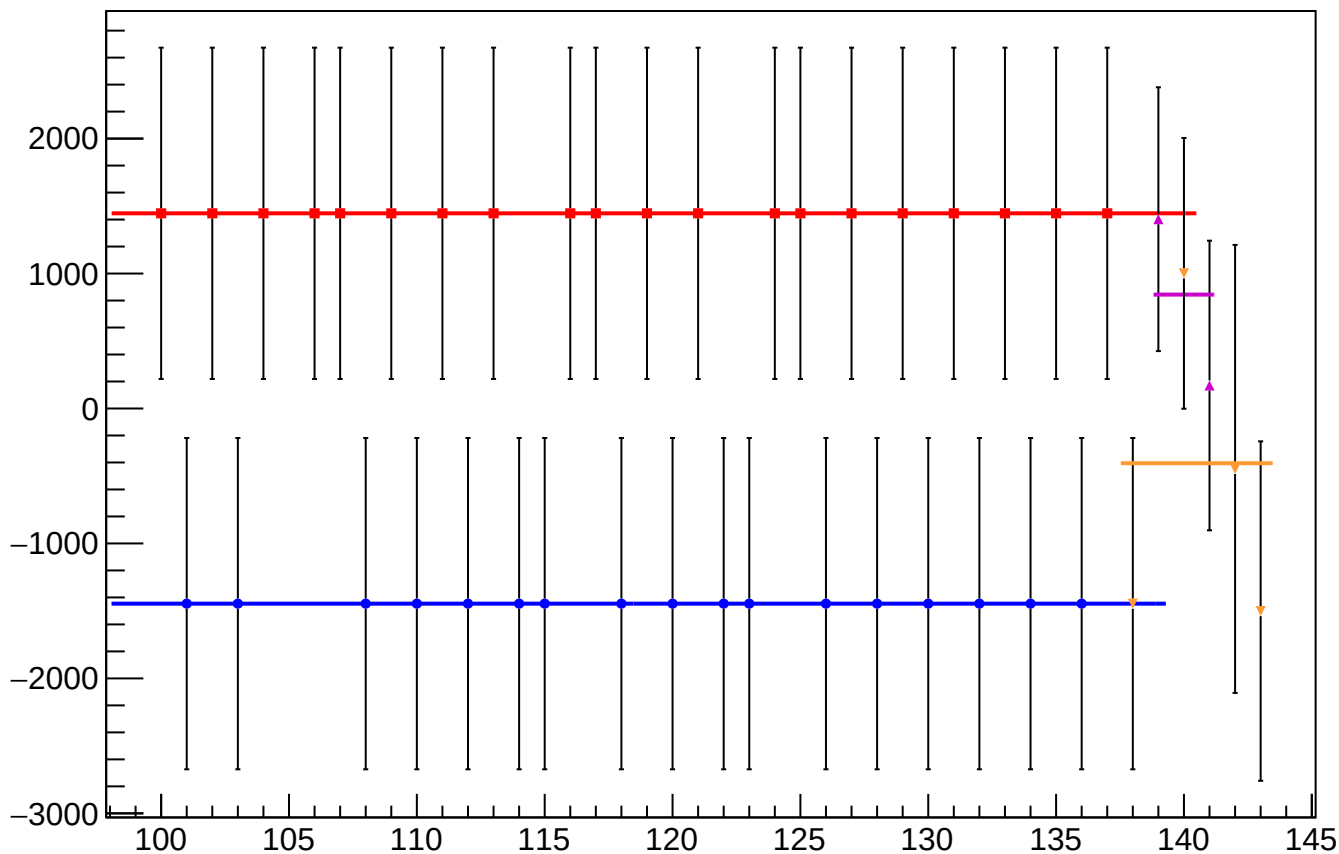
Left In: 146.792+/-0.081 χ^2/NDF : 3066.6/1

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

117.834+/-0.021 χ^2/NDF : 3143718.8/42

114.489+/-0.029 χ^2/NDF : 1443355.8/21

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: -1446.171 $\pm$ 297.710 χ^2 /NDF: 0.0/16

Left Out: -405.542 $\pm$ 613.948 χ^2 /NDF: 3.4/3

Right Out: 1446.171 $\pm$ 274.475 χ^2 /NDF: 0.0/19

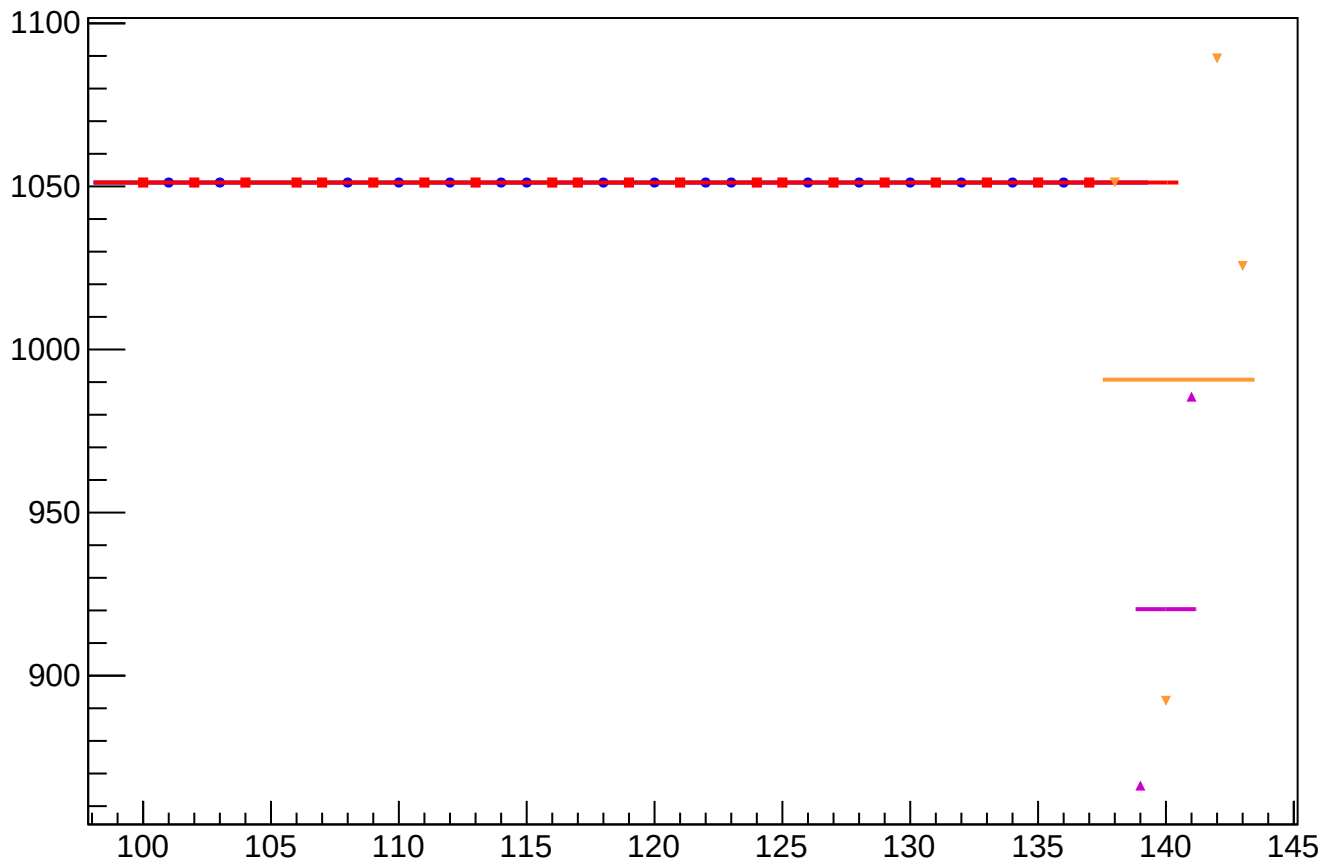
Left In: 843.917 $\pm$ 722.565 χ^2 /NDF: 0.7/1

-1248.062 $\pm$ 267.877 χ^2 /NDF: 5.8/20

117.422 $\pm$ 185.297 χ^2 /NDF: 56.9/42

1370.227 $\pm$ 256.587 χ^2 /NDF: 1.3/21

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 1051.191 $\pm$ 0.211 χ^2 /NDF: 0.0/16

Left Out: 990.746 $\pm$ 0.434 χ^2 /NDF:32703.1/3

Right Out: 1051.191 $\pm$ 0.194 χ^2 /NDF: 0.0/19

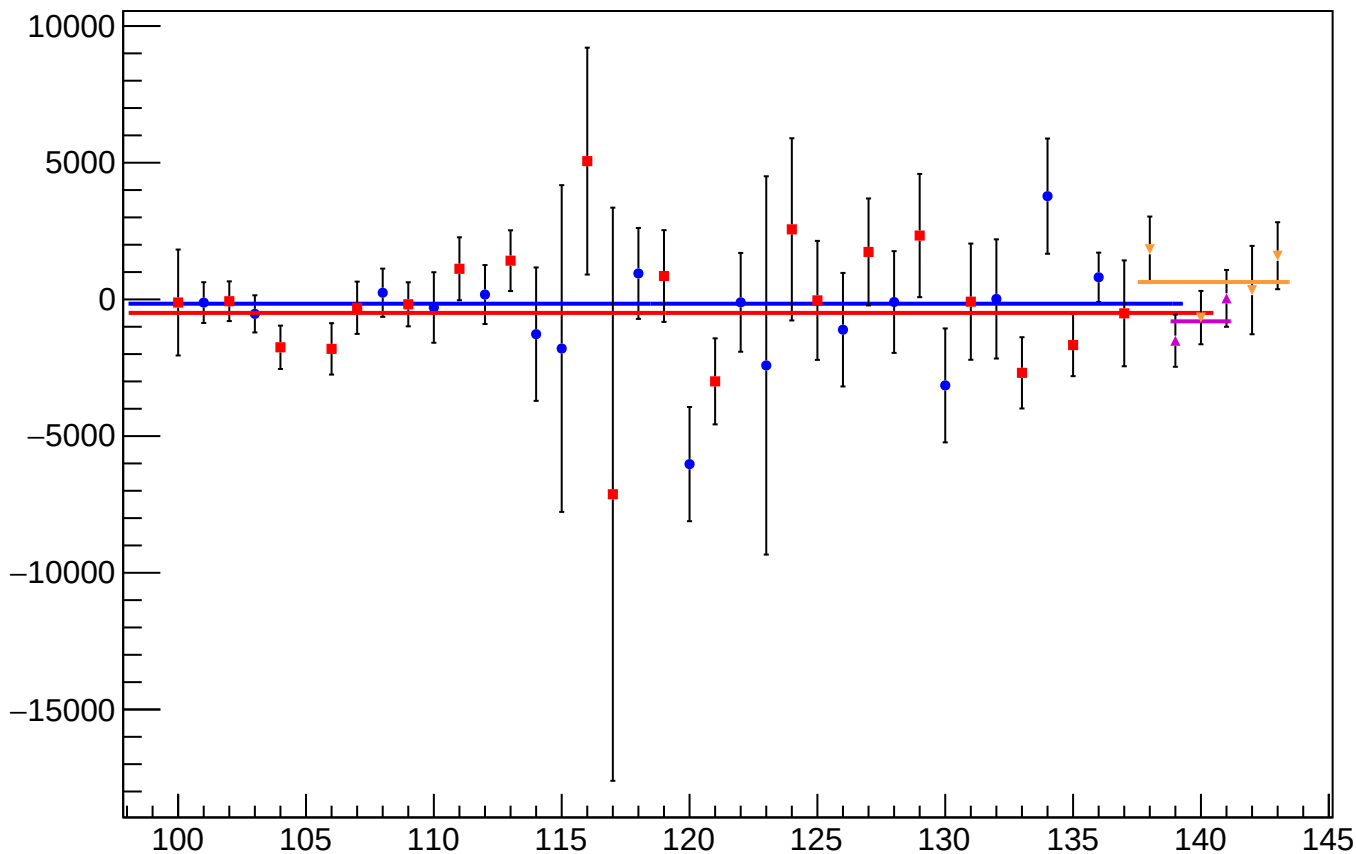
Left In: 920.390 $\pm$ 0.511 χ^2 /NDF:13500.6/1

1039.684 $\pm$ 0.189 χ^2 /NDF: 48398.3/20

1037.083 $\pm$ 0.131 χ^2 /NDF: 119534.4/42

1034.697 $\pm$ 0.181 χ^2 /NDF: 70774.6/21

asym_sam5_mean vs Slug, Sign Corrected



Right In: -157.178+/-312.499 χ^2/NDF : 16.2/16

Left Out: 635.716+/-597.738 χ^2/NDF : 3.4/3

Right Out: -493.409+/-282.656 χ^2/NDF : 23.0/19

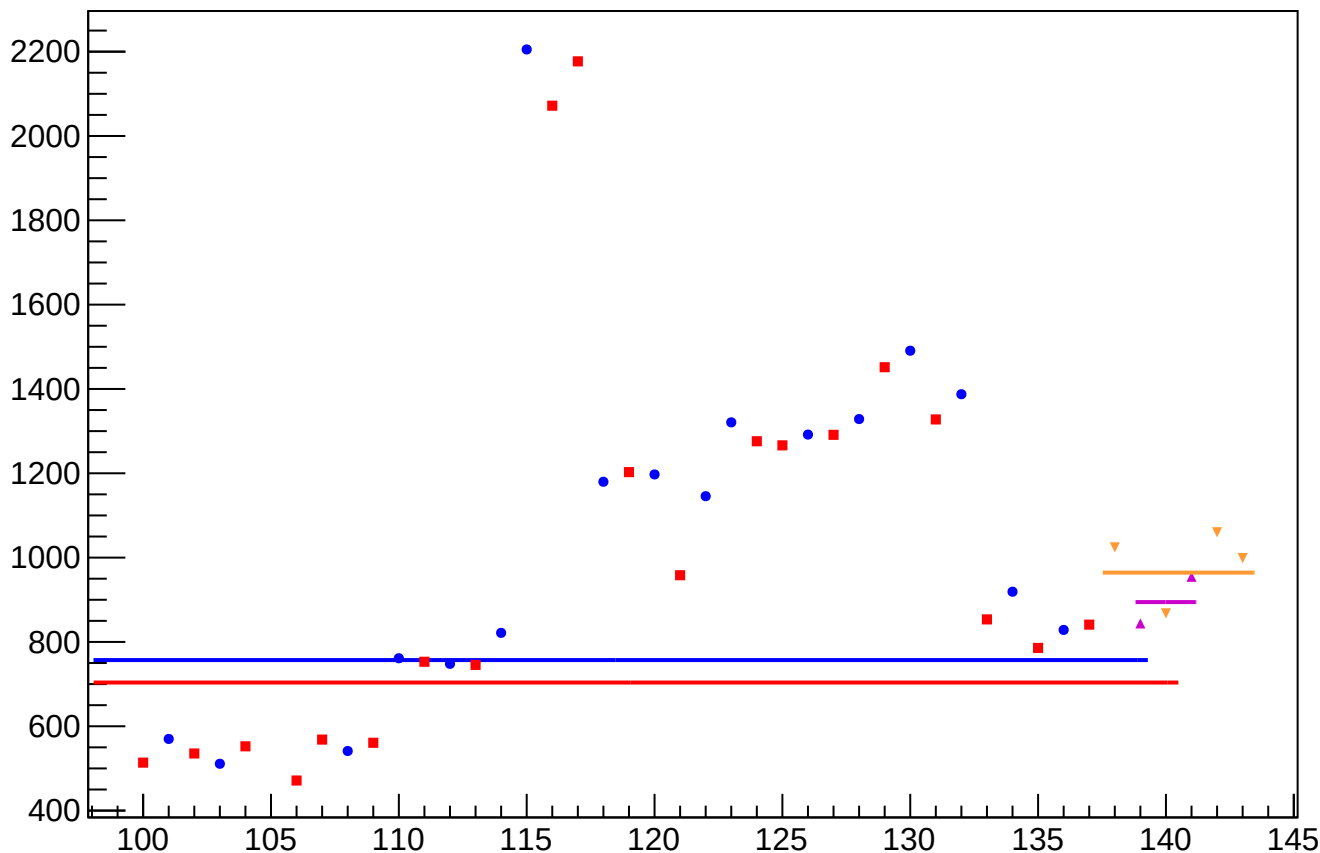
Left In: -801.757+/-702.954 χ^2/NDF : 1.2/1

13.019+/-276.936 χ^2/NDF : 21.1/20

-276.605+/-190.419 χ^2/NDF : 47.5/42

-536.324+/-262.249 χ^2/NDF : 24.4/21

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.985+/-0.221 χ^2/NDF : 1711285.9/16

Left Out: 964.392+/-0.423 χ^2/NDF : 33218.1/3

Right Out: 703.728+/-0.200 χ^2/NDF : 1729114.9/19

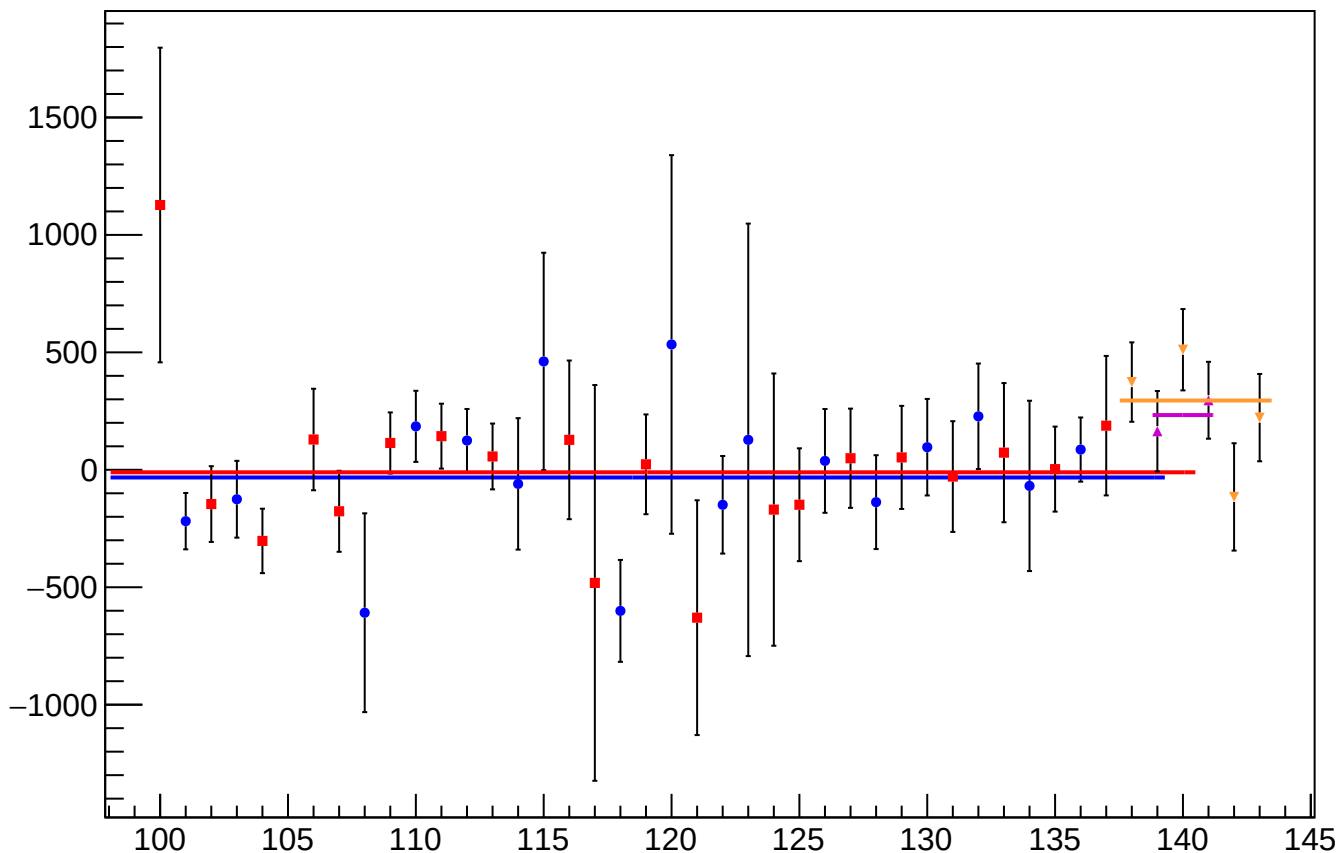
Left In: 894.528+/-0.497 χ^2/NDF : 12309.8/1

801.506+/-0.196 χ^2/NDF : 1933614.9/20

763.956+/-0.135 χ^2/NDF : 3871618.5/42

730.283+/-0.185 χ^2/NDF : 1868261.8/21

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -32.694 ± 48.431 χ^2/NDF : 19.7/16

Left Out: 294.948 ± 92.674 χ^2/NDF : 5.2/3

Right Out: -10.656 ± 45.533 χ^2/NDF : 15.0/19

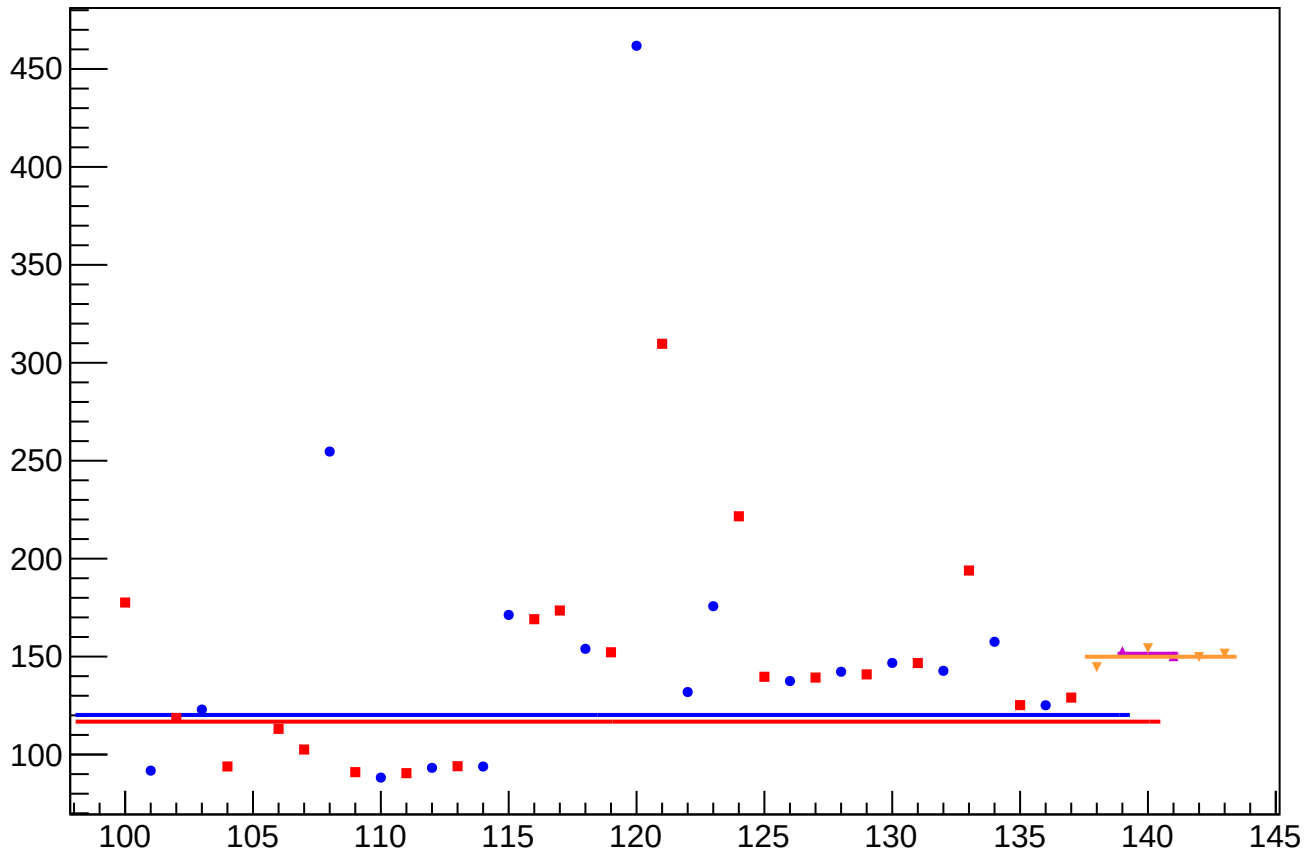
Left In: 233.057 ± 118.299 χ^2/NDF : 0.3/1

37.591 ± 42.923 χ^2/NDF : 34.7/20

29.106 ± 30.198 χ^2/NDF : 53.8/42

20.790 ± 42.494 χ^2/NDF : 19.0/21

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

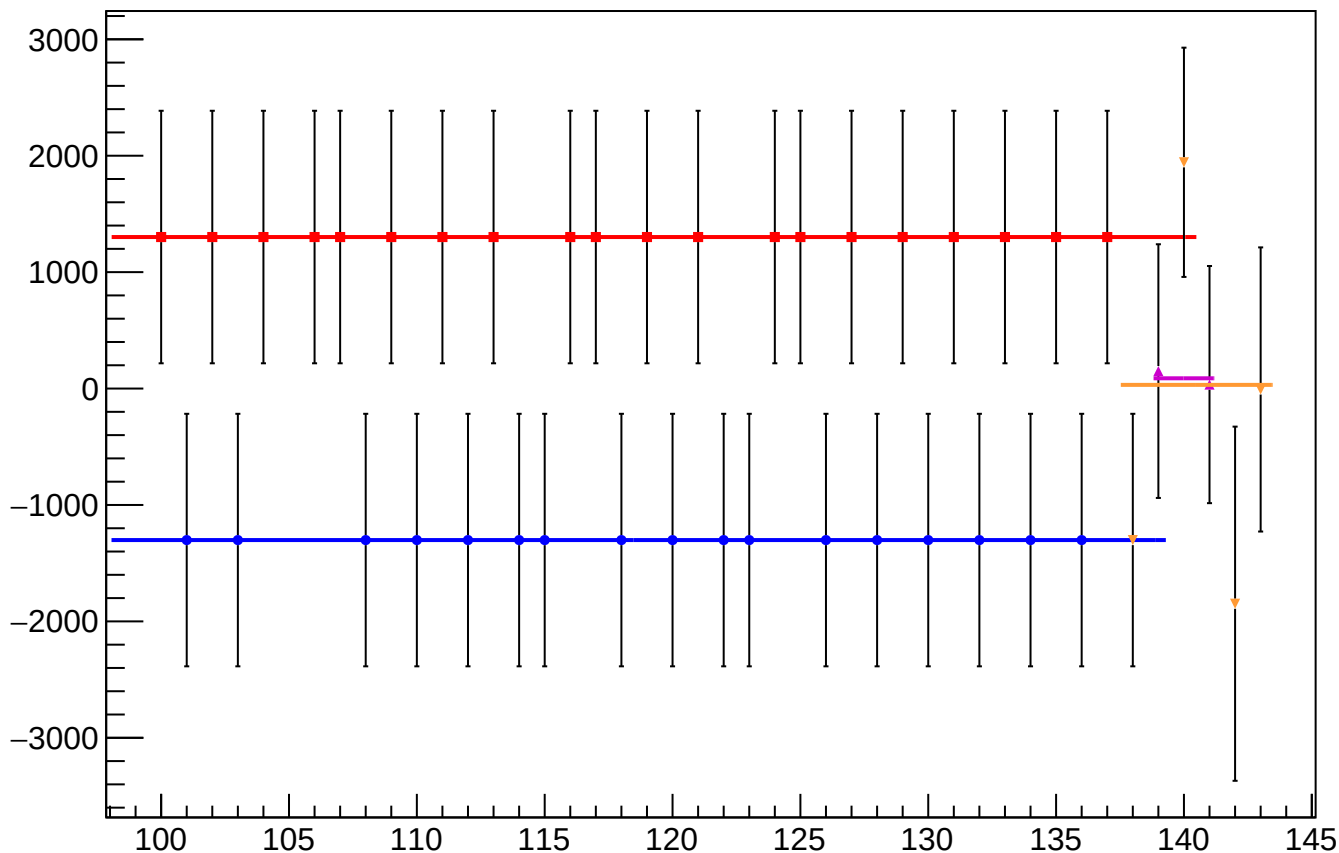
Left In: 151.445 $\pm$ 0.084 χ^2 /NDF:234.9/1

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

123.892 $\pm$ 0.021 χ^2 /NDF: 2399538.5/42

121.256 $\pm$ 0.030 χ^2 /NDF: 1156824.2/21

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: -1301.487 ± 263.046 χ^2/NDF : 0.0/16

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

Right Out: 1301.487 ± 242.517 χ^2/NDF : 0.0/19

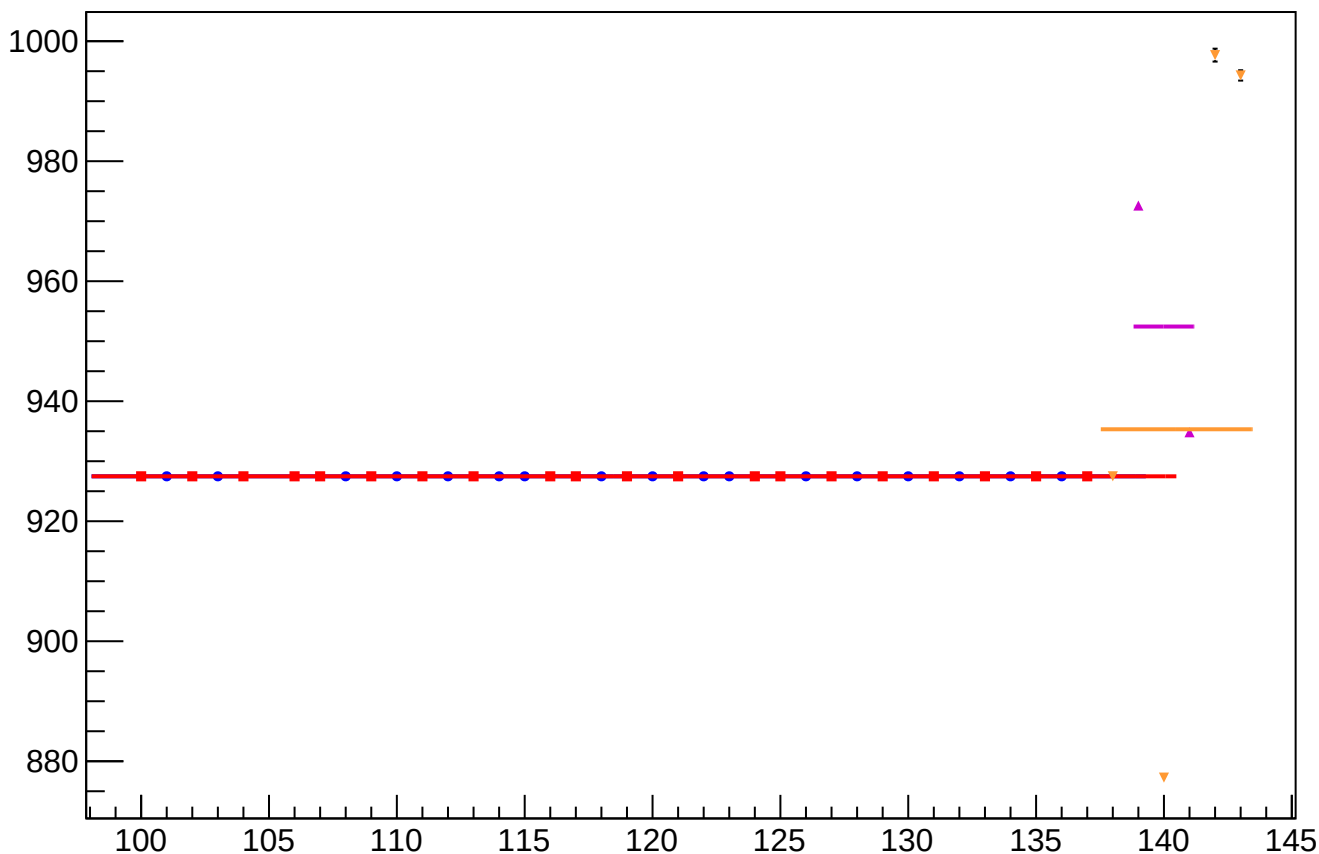
Left In: 88.087 ± 744.074 χ^2/NDF : 0.0/1

-1073.277 ± 239.474 χ^2/NDF : 11.2/20

98.565 ± 166.099 χ^2/NDF : 59.8/42

1184.965 ± 230.578 χ^2/NDF : 2.4/21

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 927.485 $\pm$ 0.186 χ^2 /NDF: 0.0/16

Left Out: 935.324 $\pm$ 0.409 χ^2 /NDF:15087.9/3

Right Out: 927.485 $\pm$ 0.171 χ^2 /NDF: 0.0/19

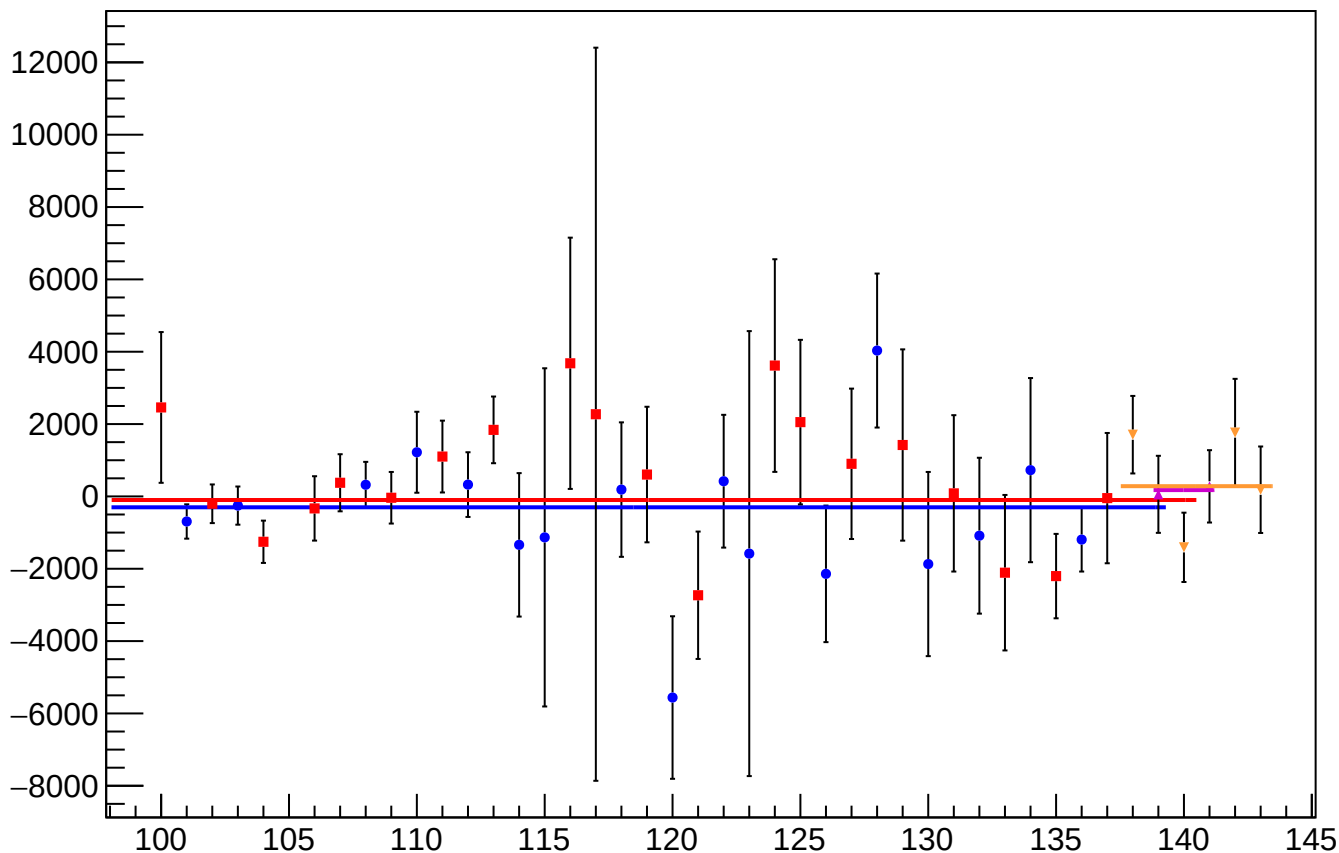
Left In: 952.446 $\pm$ 0.526 χ^2 /NDF:1283.3/1

928.827 $\pm$ 0.169 χ^2 /NDF: 15392.0/20

929.375 $\pm$ 0.117 χ^2 /NDF: 18730.1/42

929.882 $\pm$ 0.163 χ^2 /NDF: 3317.9/21

asym_sam6_mean vs Slug, Sign Corrected



Right In: -301.000+/-250.042 χ^2/NDF : 16.8/16

Left Out: 282.883+/-566.810 χ^2/NDF : 5.9/3

Right Out: -99.460+/-245.908 χ^2/NDF : 22.6/19

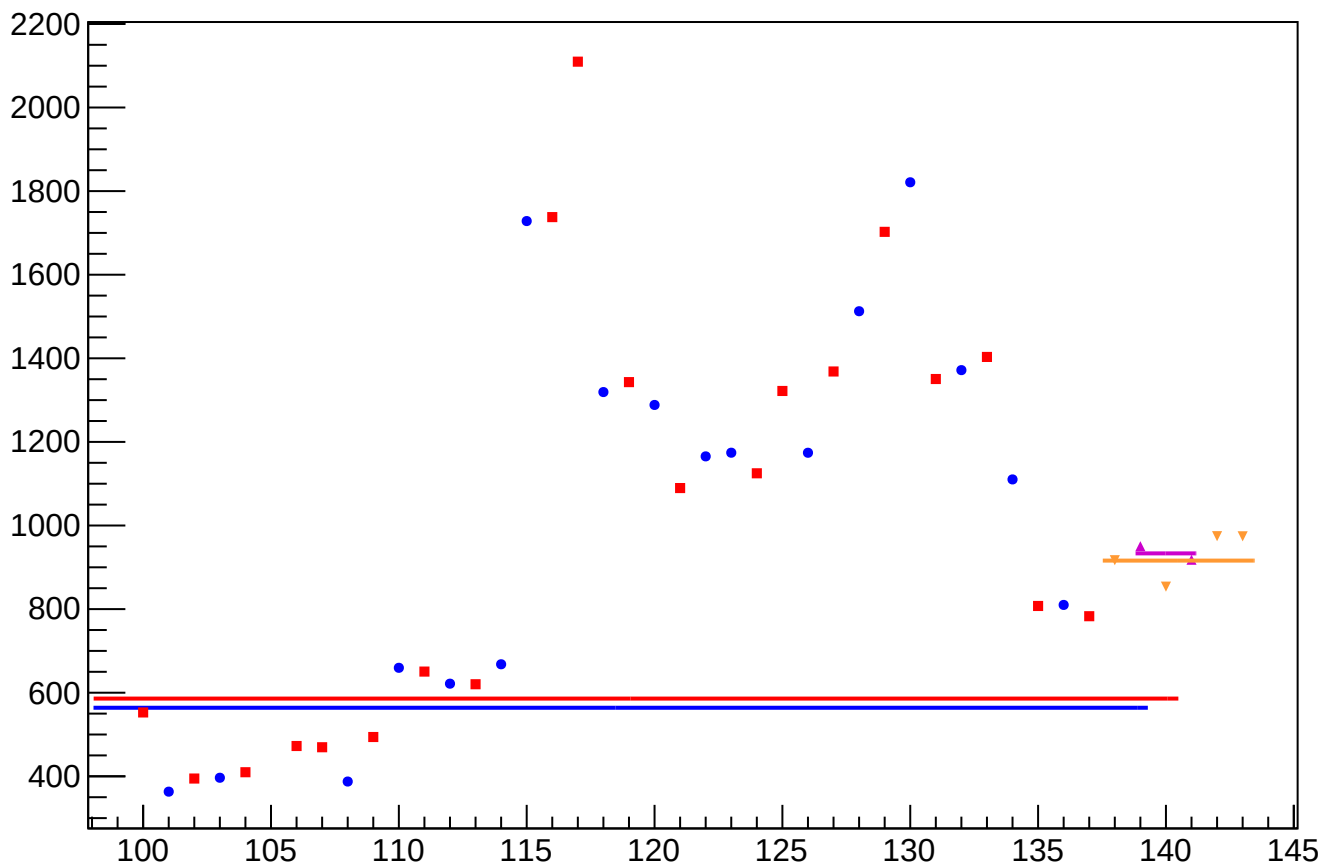
Left In: 174.817+/-729.123 χ^2/NDF : 0.0/1

-205.884+/-228.771 χ^2/NDF : 23.6/20

-139.901+/-163.245 χ^2/NDF : 46.5/42

-71.448+/-233.013 χ^2/NDF : 22.7/21

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

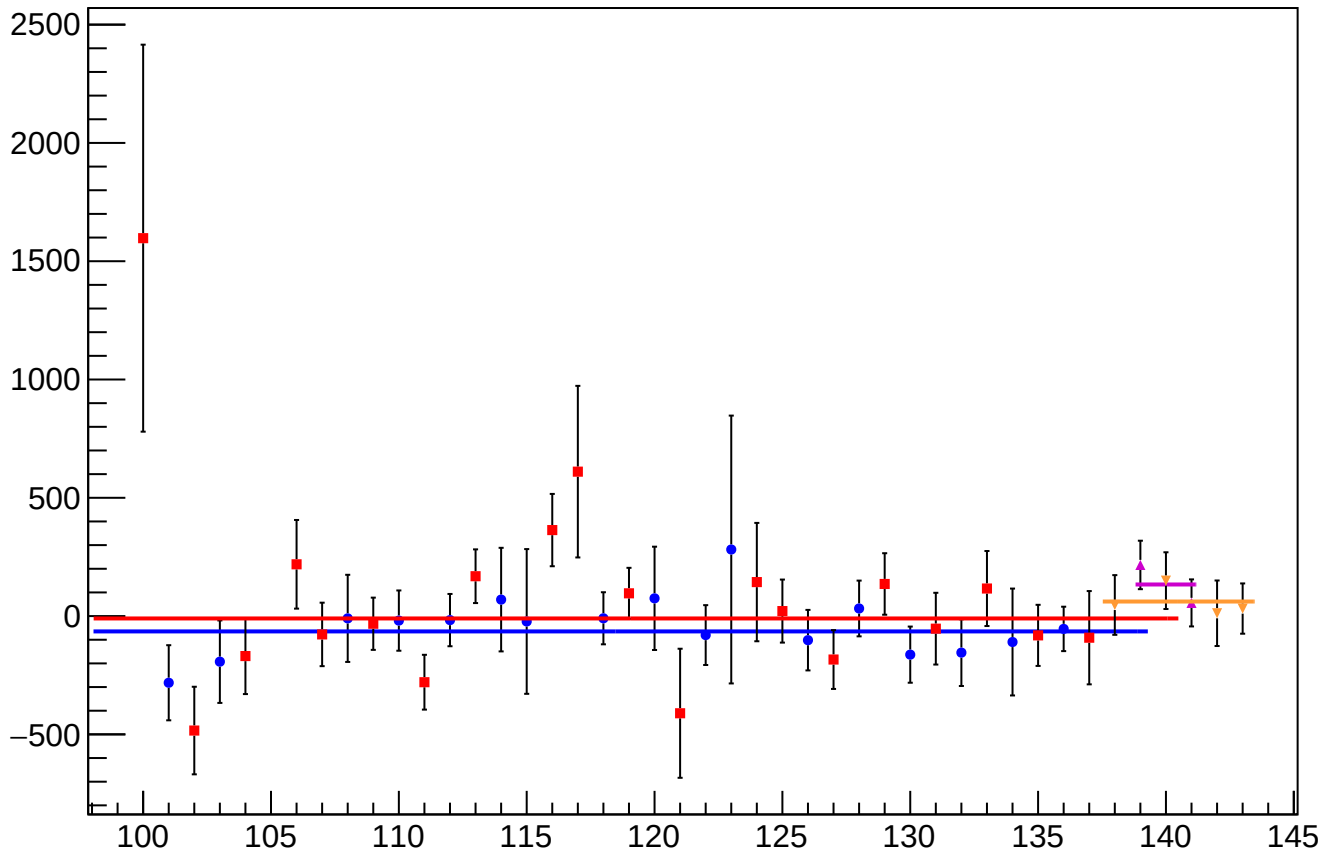
Left In: 933.320 $\pm$ 0.516 χ^2/NDF :981.5/1

621.353 $\pm$ 0.162 χ^2/NDF : 3923631.4/20

621.397 $\pm$ 0.115 χ^2/NDF : 7198241.9/42

621.443 $\pm$ 0.165 χ^2/NDF : 3274610.4/21

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

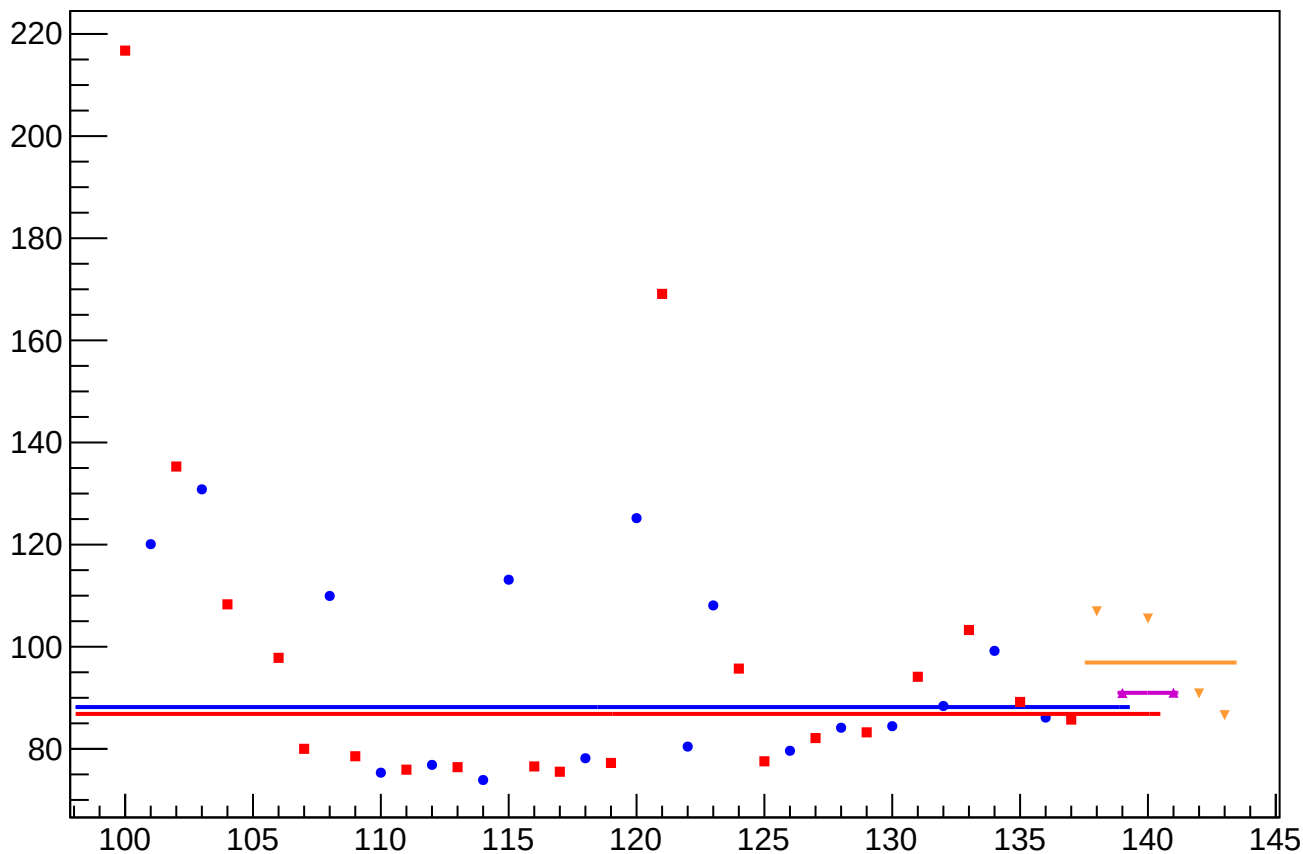
Left In: 133.567 ± 71.335 χ^2/NDF : 1.3/1

-33.624 ± 30.055 χ^2/NDF : 10.2/20

-9.076 ± 21.289 χ^2/NDF : 54.1/42

15.643 ± 30.160 χ^2/NDF : 42.5/21

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186+/-0.024 χ^2/NDF : 394447.7/16

Left Out: 96.907+/-0.043 χ^2/NDF : 45639.1/3

Right Out: 86.847+/-0.024 χ^2/NDF : 533326.2/19

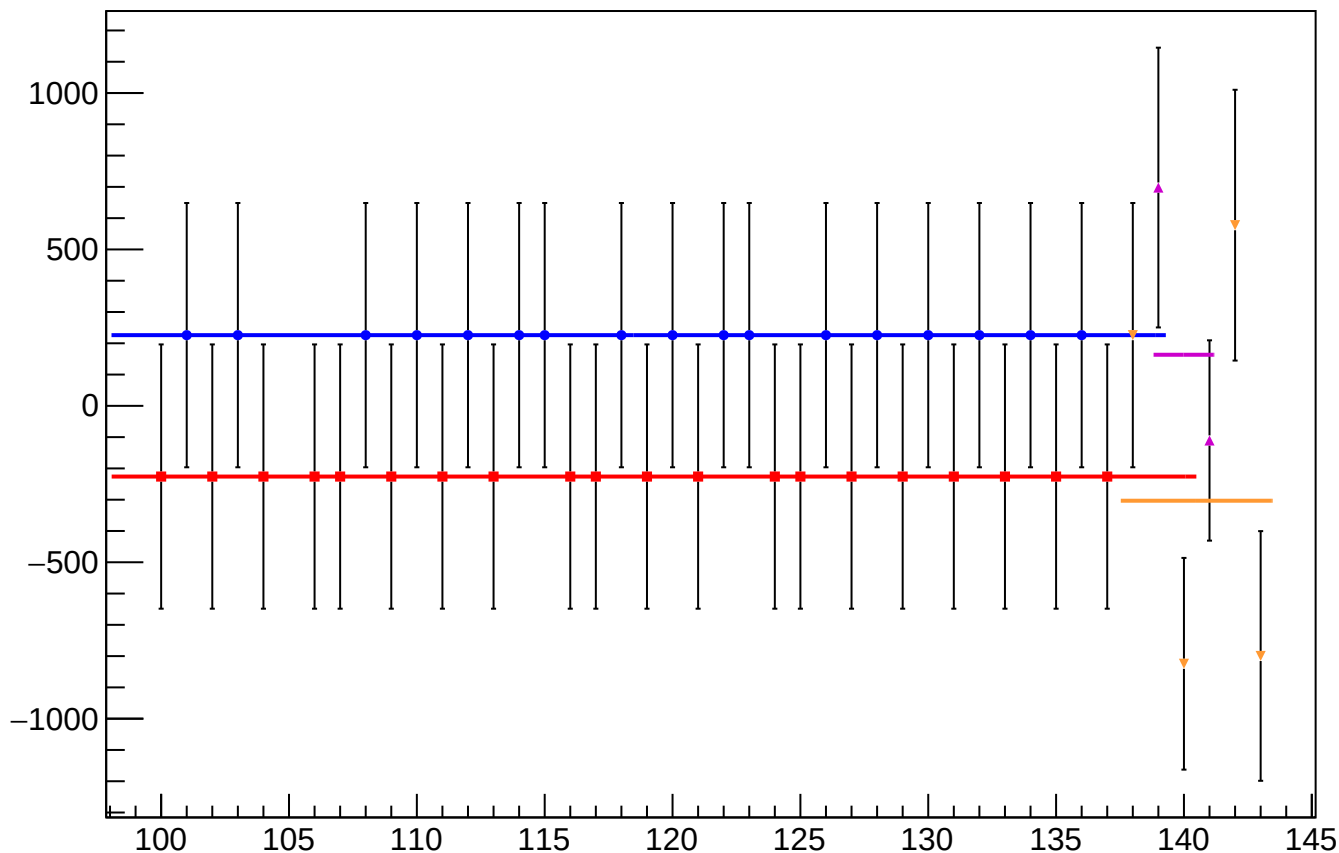
Left In: 90.978+/-0.050 χ^2/NDF : 0.3/1

90.338+/-0.021 χ^2/NDF : 471383.6/20

88.966+/-0.015 χ^2/NDF : 1018578.2/42

87.585+/-0.021 χ^2/NDF : 538836.1/21

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 226.028 $\pm$ 102.449 χ^2/NDF : 0.0/16

Left Out: -303.274 $\pm$ 196.283 χ^2/NDF : 9.6/3

Right Out: -226.028 $\pm$ 94.454 χ^2/NDF : 0.0/19

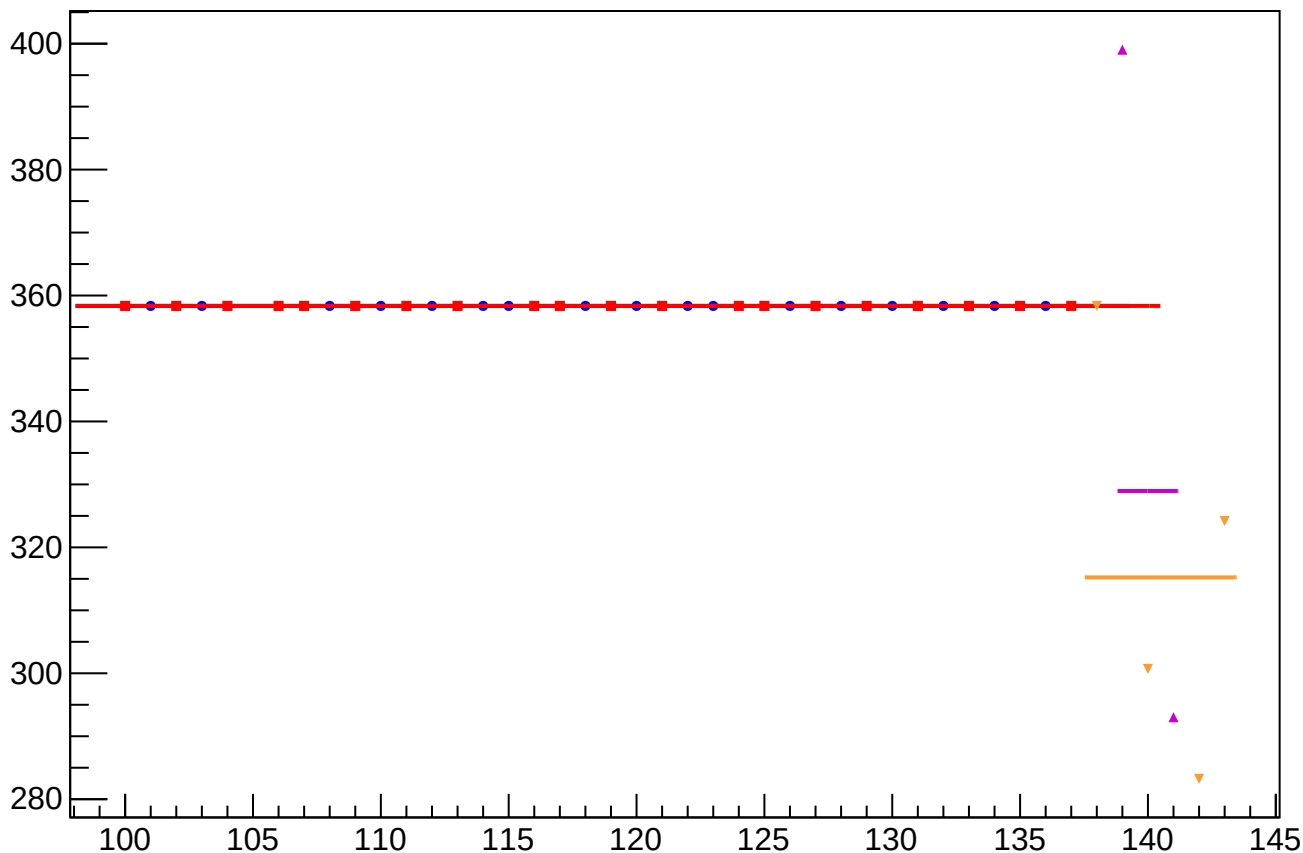
Left In: 163.321 $\pm$ 260.323 χ^2/NDF : 2.2/1

112.704 $\pm$ 90.822 χ^2/NDF : 15.3/20

-37.335 $\pm$ 63.490 χ^2/NDF : 24.8/42

-180.734 $\pm$ 88.790 χ^2/NDF : 4.1/21

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 358.350 $\pm$ 0.072 χ^2 /NDF: 0.0/16

Left Out: 315.233 $\pm$ 0.139 χ^2 /NDF: 36470.1/3

Right Out: 358.350 $\pm$ 0.067 χ^2 /NDF: 0.0/19

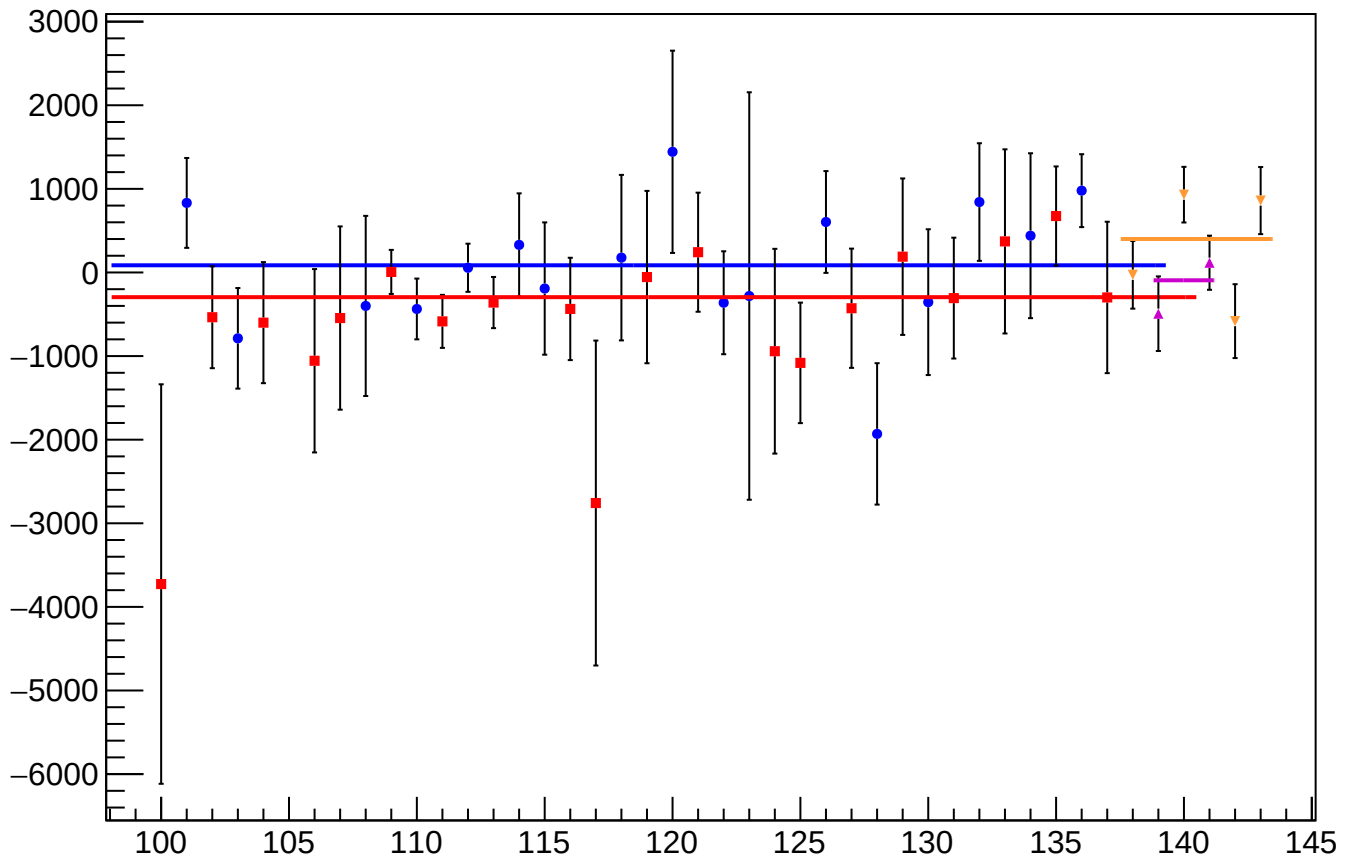
Left In: 328.958 $\pm$ 0.184 χ^2 /NDF: 74328.9/1

349.119 $\pm$ 0.064 χ^2 /NDF: 112315.0/20

352.090 $\pm$ 0.045 χ^2 /NDF: 213361.8/42

354.931 $\pm$ 0.063 χ^2 /NDF: 96858.9/21

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 $\pm$ 142.601 χ^2/NDF : 20.6/16

Left Out: 400.340 $\pm$ 194.387 χ^2/NDF : 9.9/3

Right Out: -295.409 $\pm$ 129.312 χ^2/NDF : 12.2/19

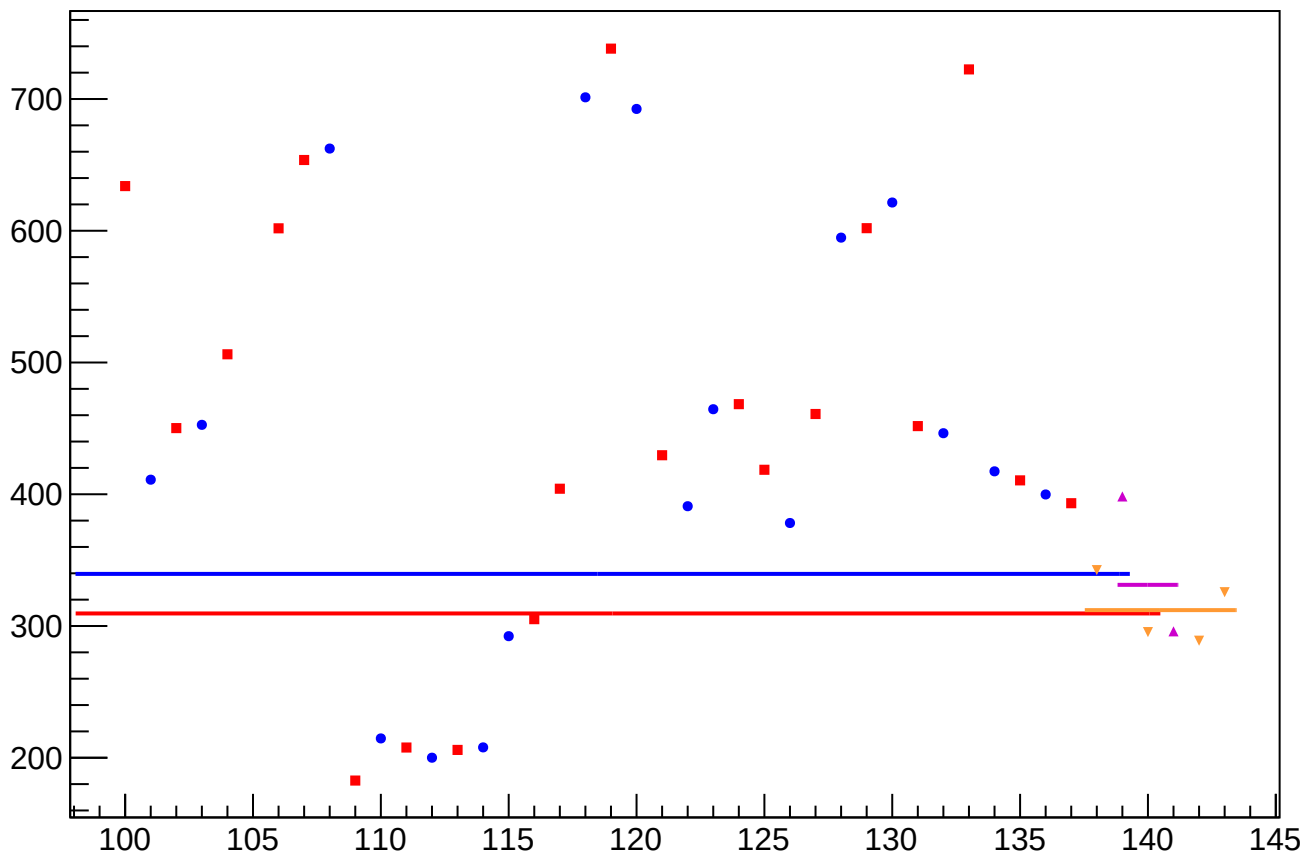
Left In: -93.613 $\pm$ 262.030 χ^2/NDF : 1.2/1

195.855 $\pm$ 114.980 χ^2/NDF : 32.2/20

-28.100 $\pm$ 81.647 χ^2/NDF : 53.7/42

-255.888 $\pm$ 115.960 χ^2/NDF : 13.9/21

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.553 $\pm$ 0.101 χ^2 /NDF: 2042244.1/16

Left Out: 312.057 $\pm$ 0.137 χ^2 /NDF: 24080.0/3

Right Out: 309.526 $\pm$ 0.091 χ^2 /NDF: 2735077.1/19

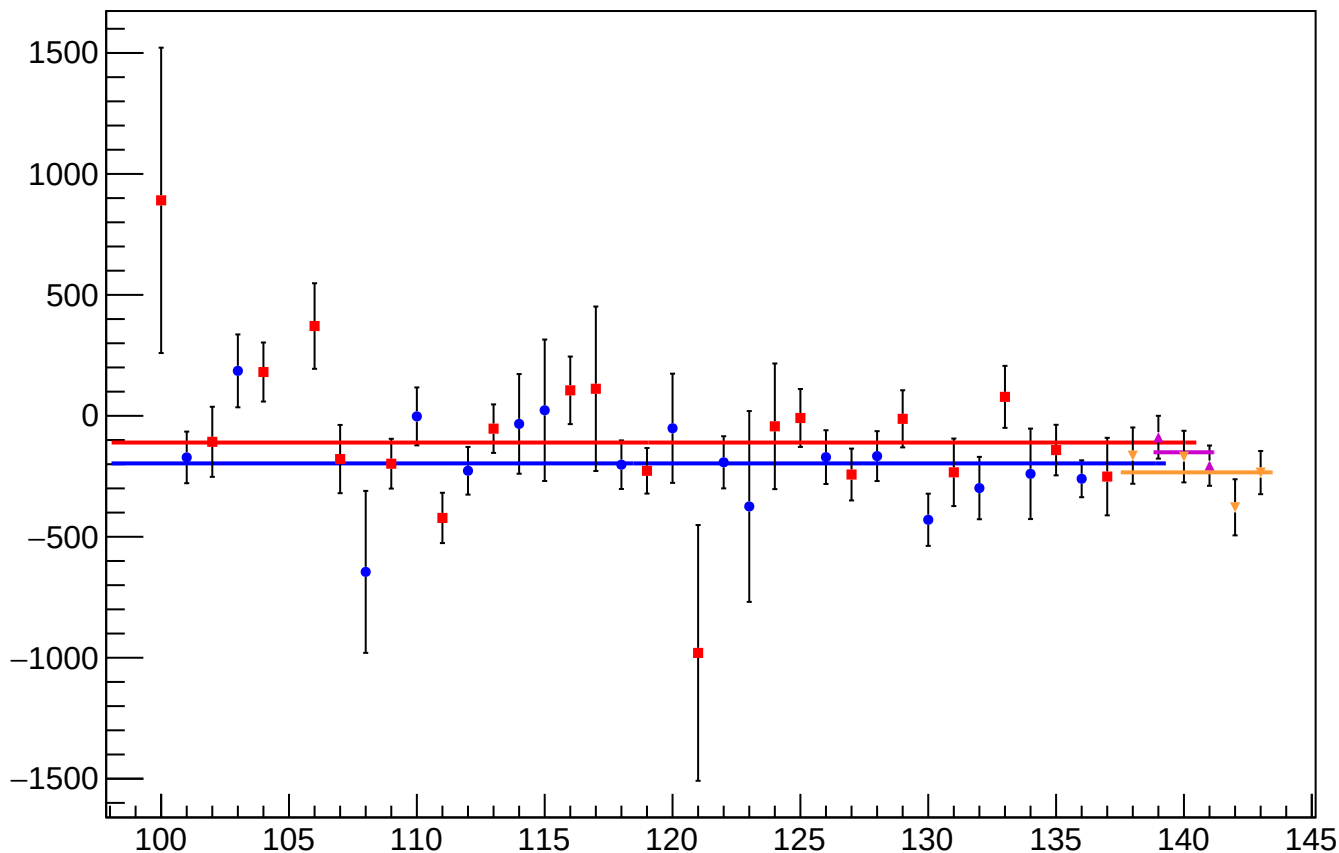
Left In: 331.240 $\pm$ 0.185 χ^2 /NDF: 68957.3/1

329.933 $\pm$ 0.081 χ^2 /NDF: 2092339.1/20

321.924 $\pm$ 0.058 χ^2 /NDF: 4926988.7/42

313.779 $\pm$ 0.082 χ^2 /NDF: 2815078.6/21

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

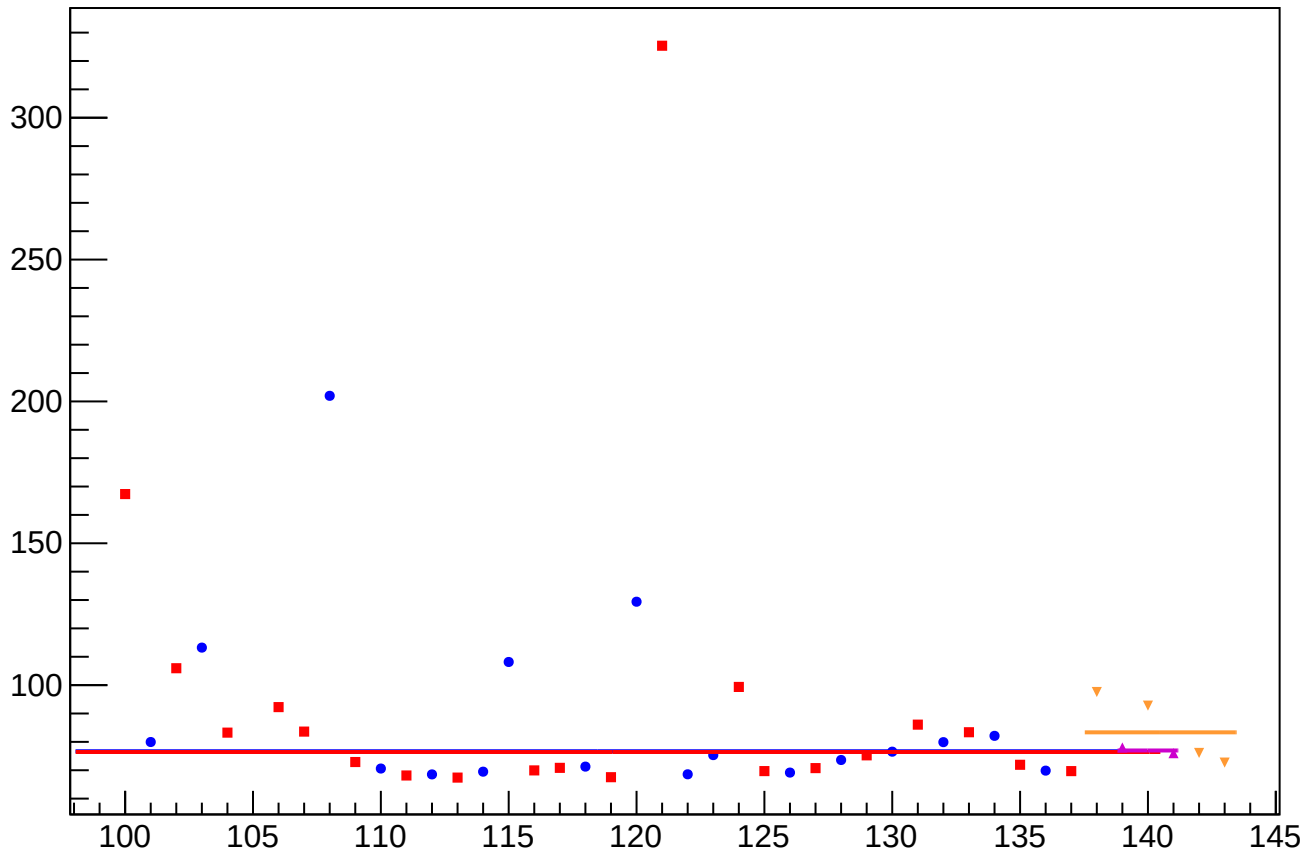
Left In: -150.672+/-60.661 χ^2/NDF : 0.9/1

-205.886+/-26.318 χ^2/NDF : 21.7/20

-162.364+/-18.686 χ^2/NDF : 68.3/42

-118.115+/-26.537 χ^2/NDF : 41.1/21

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

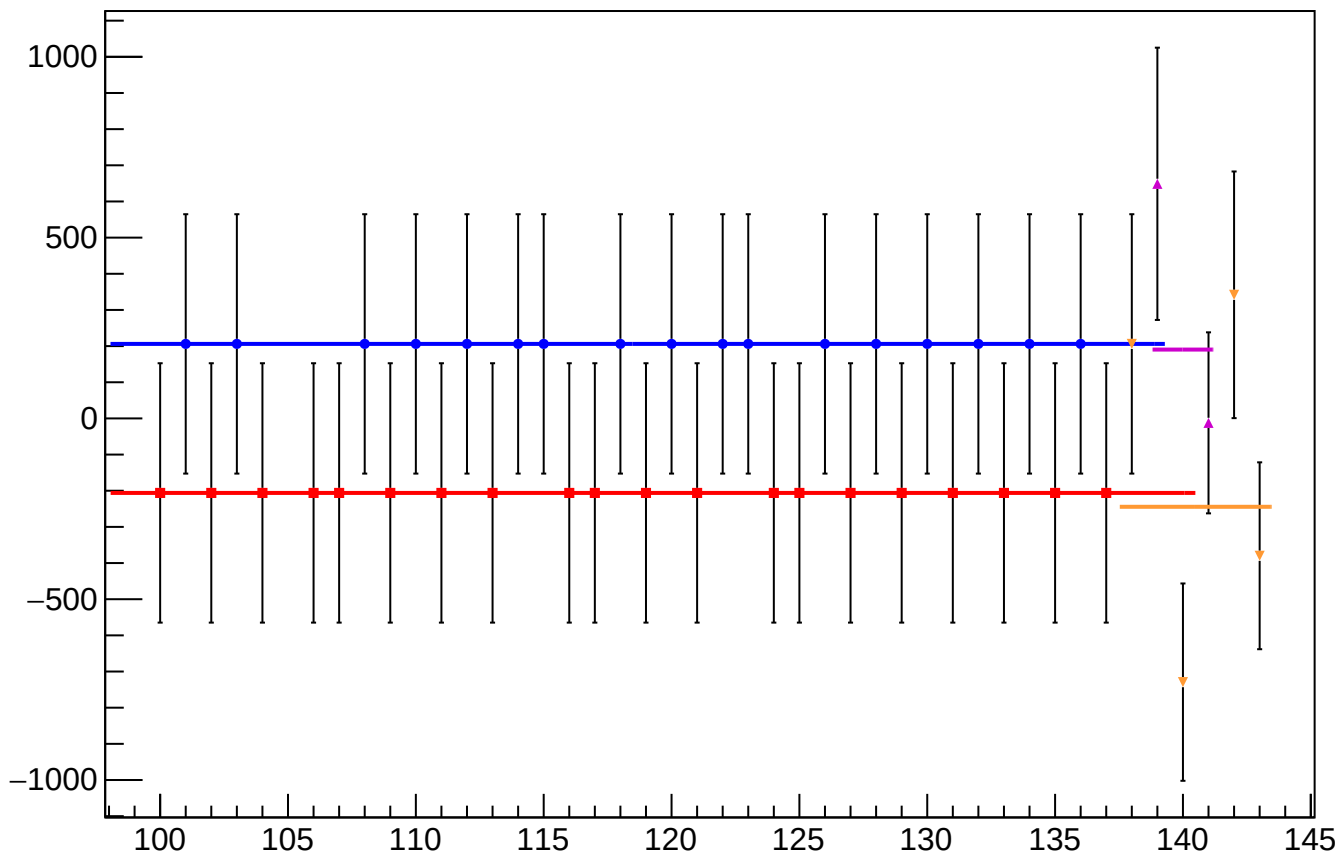
Left In: 76.962 $\pm$ 0.043 χ^2 /NDF:553.9/1

78.363 $\pm$ 0.019 χ^2 /NDF: 706293.5/20

77.457 $\pm$ 0.013 χ^2 /NDF: 1411647.5/42

76.537 $\pm$ 0.019 χ^2 /NDF: 700582.8/21

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 206.066 $\pm$ 86.990 χ^2/NDF : 0.0/16

Left Out: -244.411 $\pm$ 149.446 χ^2/NDF : 8.0/3

Right Out: -206.066 $\pm$ 80.201 χ^2/NDF : 0.0/19

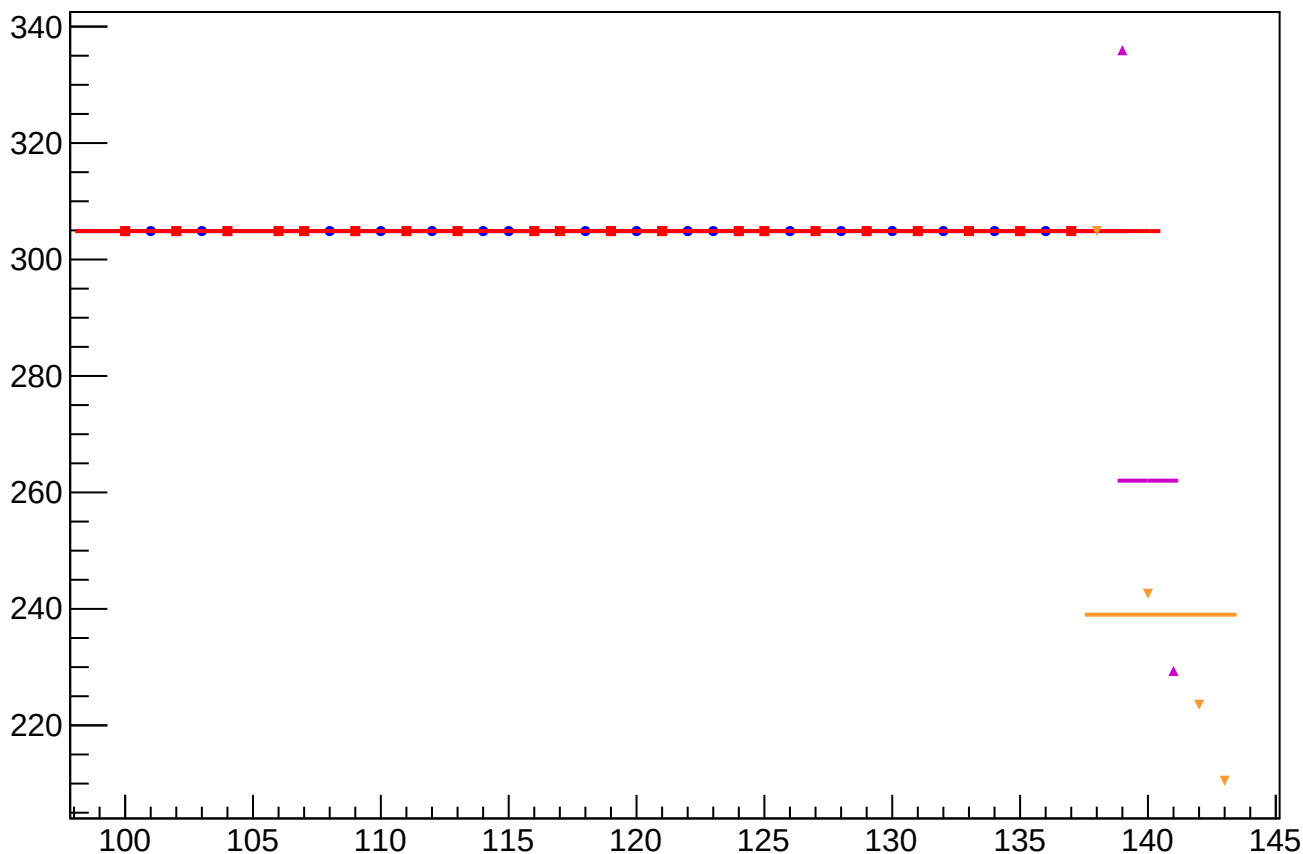
Left In: 190.400 $\pm$ 208.461 χ^2/NDF : 2.1/1

92.063 $\pm$ 75.181 χ^2/NDF : 14.8/20

-31.985 $\pm$ 53.044 χ^2/NDF : 25.5/42

-154.949 $\pm$ 74.852 χ^2/NDF : 5.3/21

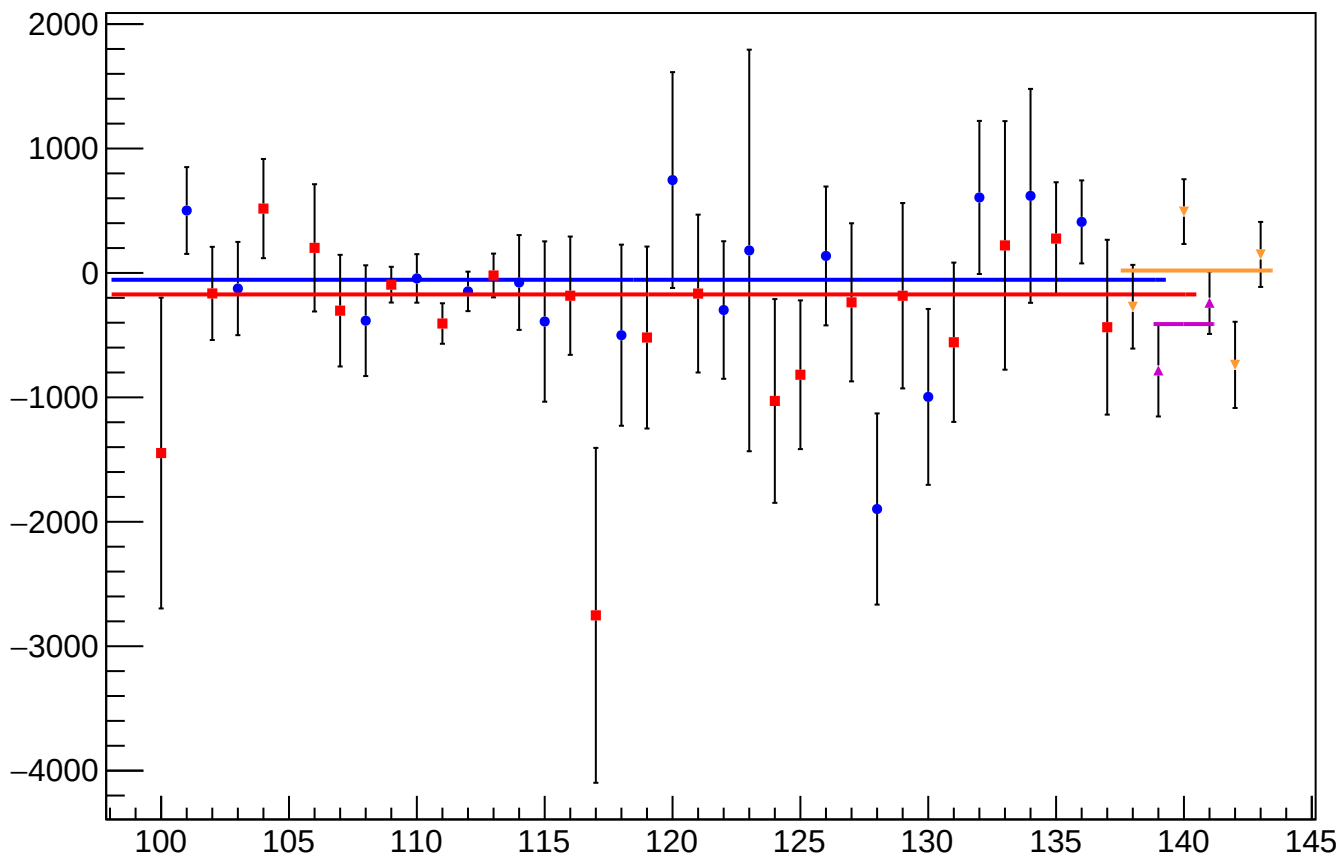
asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 304.883 $\pm$ 0.062 χ^2 /NDF: 0.0/16
 Left Out: 239.012 $\pm$ 0.106 χ^2 /NDF:96292.6/3
 Right Out: 304.883 $\pm$ 0.057 χ^2 /NDF: 0.0/19
 Left In: 262.023 $\pm$ 0.147 χ^2 /NDF:111178.7/1

288.213 $\pm$ 0.053 χ^2 /NDF: 386506.8/20
 293.809 $\pm$ 0.038 χ^2 /NDF: 593398.1/42
 299.357 $\pm$ 0.053 χ^2 /NDF: 184823.2/21

asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Left Out: 19.537 ± 146.512 χ^2/NDF : 9.1/3

Right Out: -172.563 ± 76.778 χ^2/NDF : 15.6/19

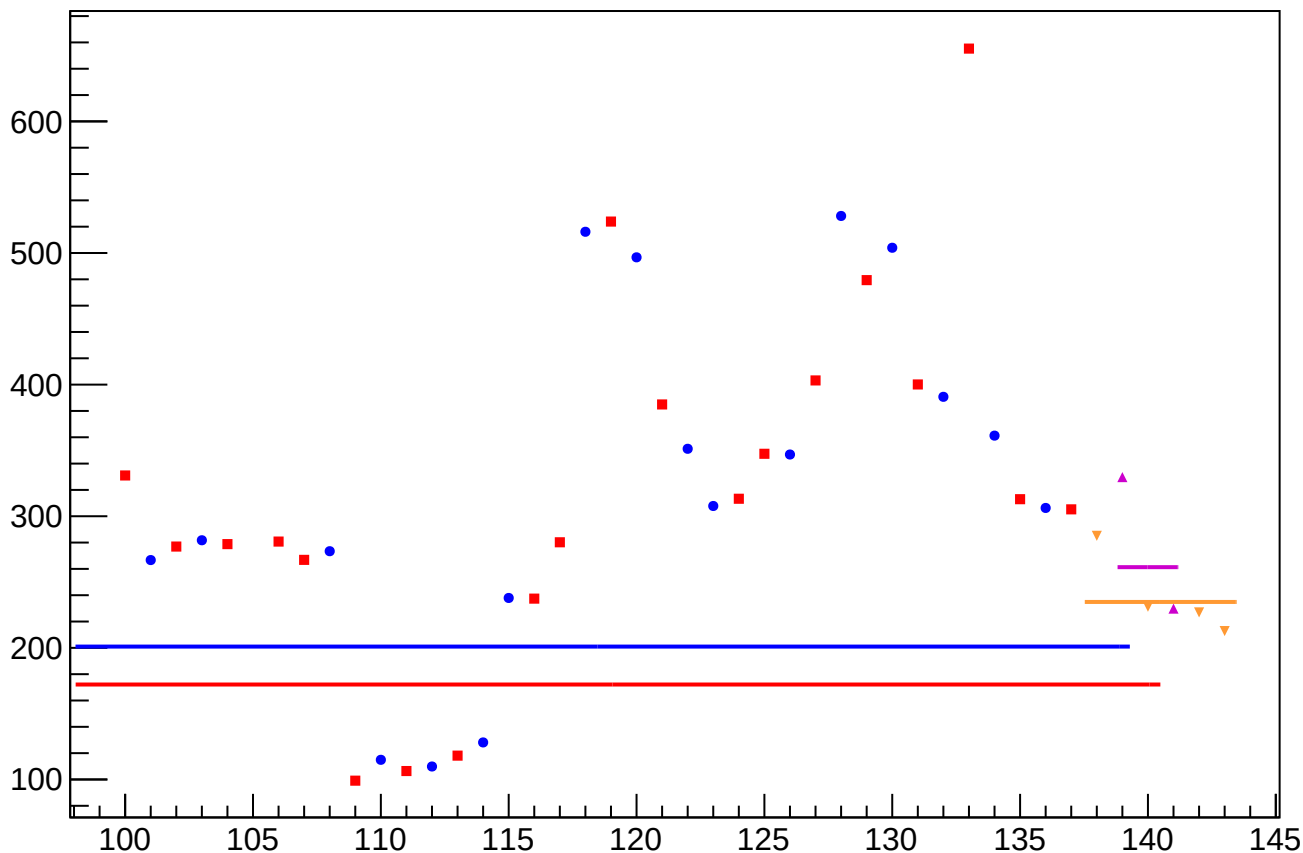
Left In: -410.863 ± 207.685 χ^2/NDF : 1.5/1

-34.414 ± 76.906 χ^2/NDF : 25.8/20

-123.287 ± 52.566 χ^2/NDF : 46.6/42

-201.214 ± 72.014 χ^2/NDF : 18.2/21

asym_sam8_rms vs Slug, Sign Corrected



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 234.881+/-0.104 χ^2/NDF : 60394.6/3

Right Out: 172.147+/-0.054 χ^2/NDF : 4105572.5/19

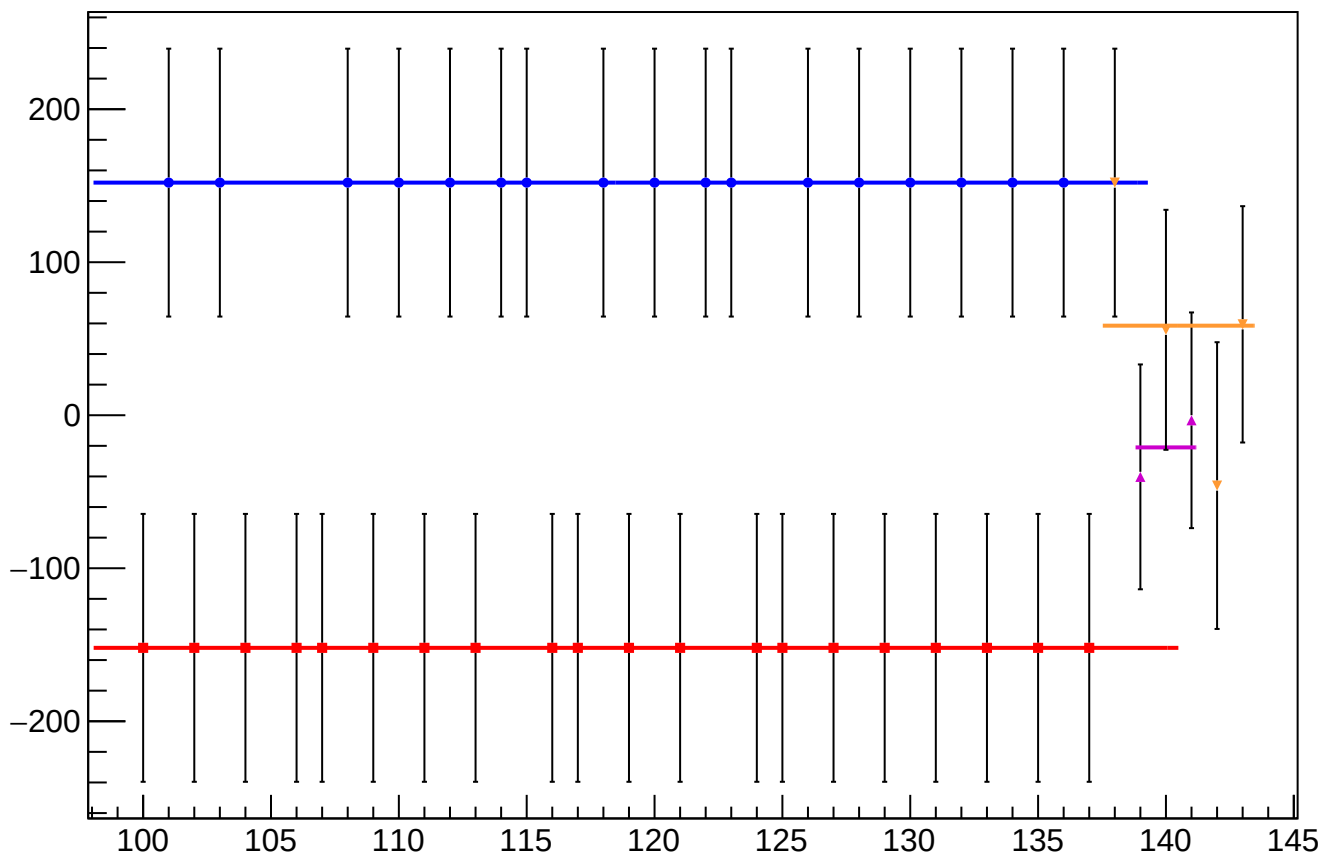
Left In: 261.311+/-0.147 χ^2/NDF : 99922.4/1

210.314+/-0.054 χ^2/NDF : 3574169.6/20

195.690+/-0.037 χ^2/NDF : 8239709.0/42

182.867+/-0.051 χ^2/NDF : 4529810.7/21

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 152.022 ± 21.231 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 58.534 ± 41.713 $\chi^2/\text{NDF}: 2.4/3$

Right Out: -152.022 ± 19.574 $\chi^2/\text{NDF}: 0.0/19$

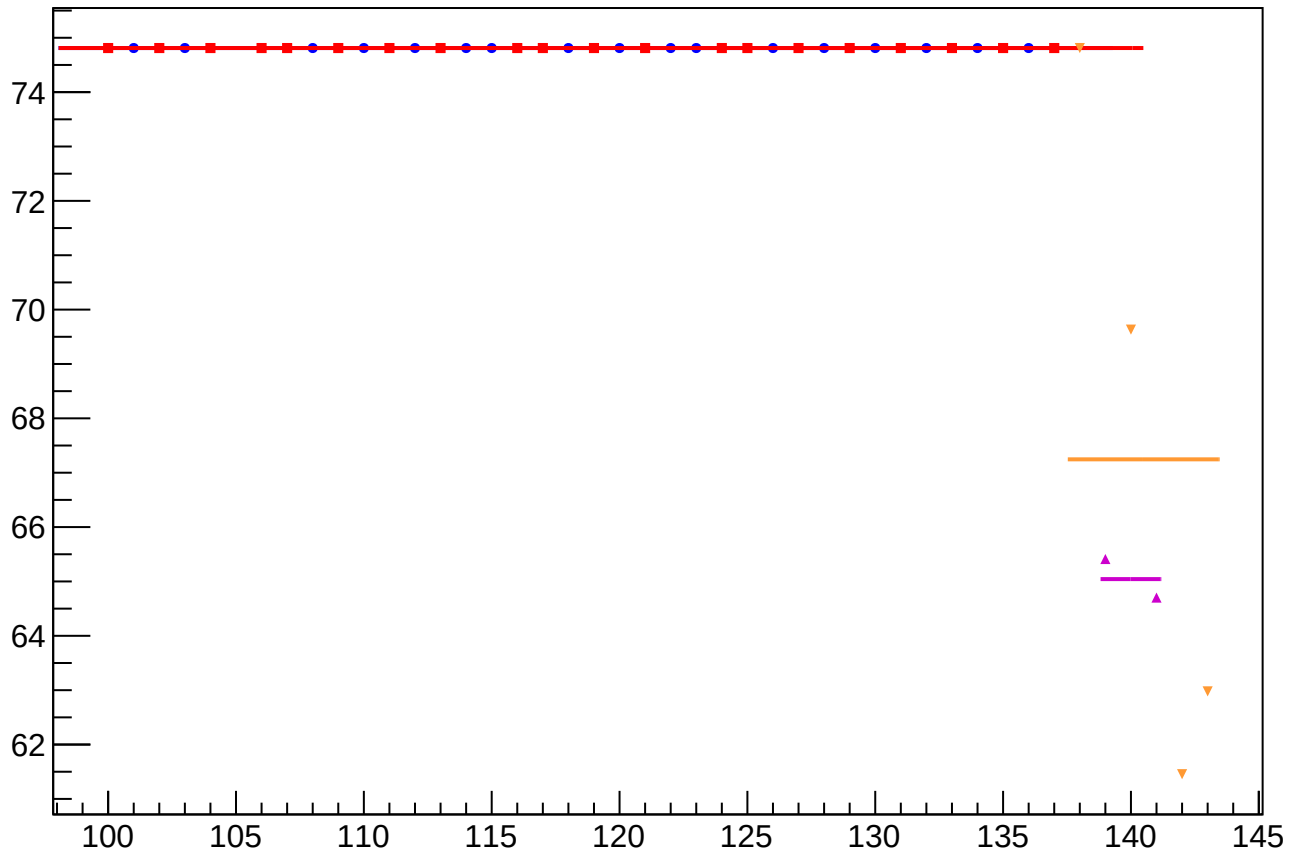
Left In: -21.021 ± 50.863 $\chi^2/\text{NDF}: 0.1/1$

132.786 ± 18.921 $\chi^2/\text{NDF}: 6.4/20$

-5.873 ± 13.142 $\chi^2/\text{NDF}: 116.0/42$

-135.123 ± 18.268 $\chi^2/\text{NDF}: 5.9/21$

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 74.811 $\pm$ 0.015 χ^2 /NDF: 0.0/16

Left Out: 67.246 $\pm$ 0.029 χ^2 /NDF:30538.6/3

Right Out: 74.811 $\pm$ 0.014 χ^2 /NDF: 0.0/19

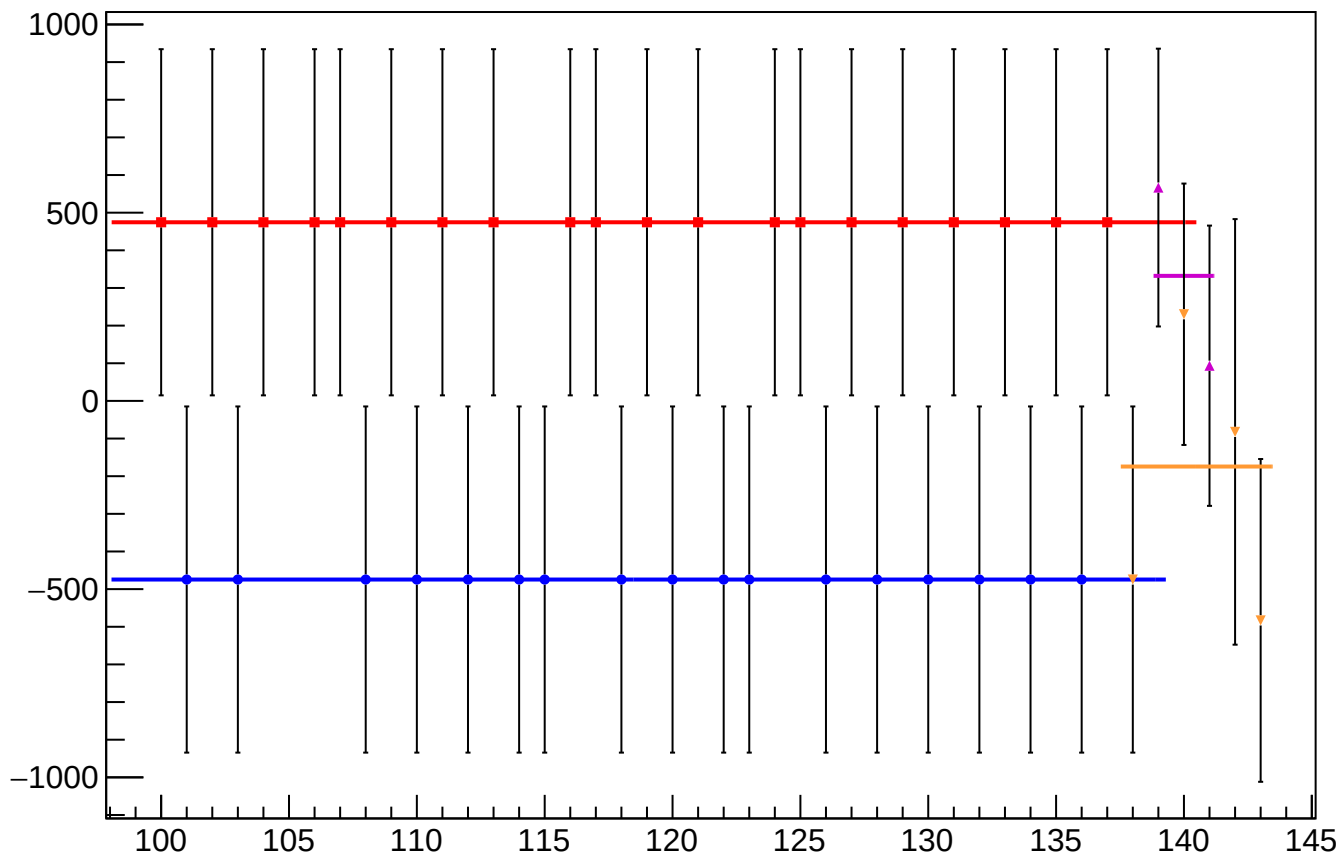
Left In: 65.043 $\pm$ 0.036 χ^2 /NDF:97.1/1

73.255 $\pm$ 0.013 χ^2 /NDF: 82789.3/20

73.408 $\pm$ 0.009 χ^2 /NDF: 147389.1/42

73.551 $\pm$ 0.013 χ^2 /NDF: 64345.5/21

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: -474.517+/-111.515 χ^2/NDF : 0.0/16

Left Out: -174.338+/-215.180 χ^2/NDF : 2.7/3

Right Out: 474.517+/-102.812 χ^2/NDF : 0.0/19

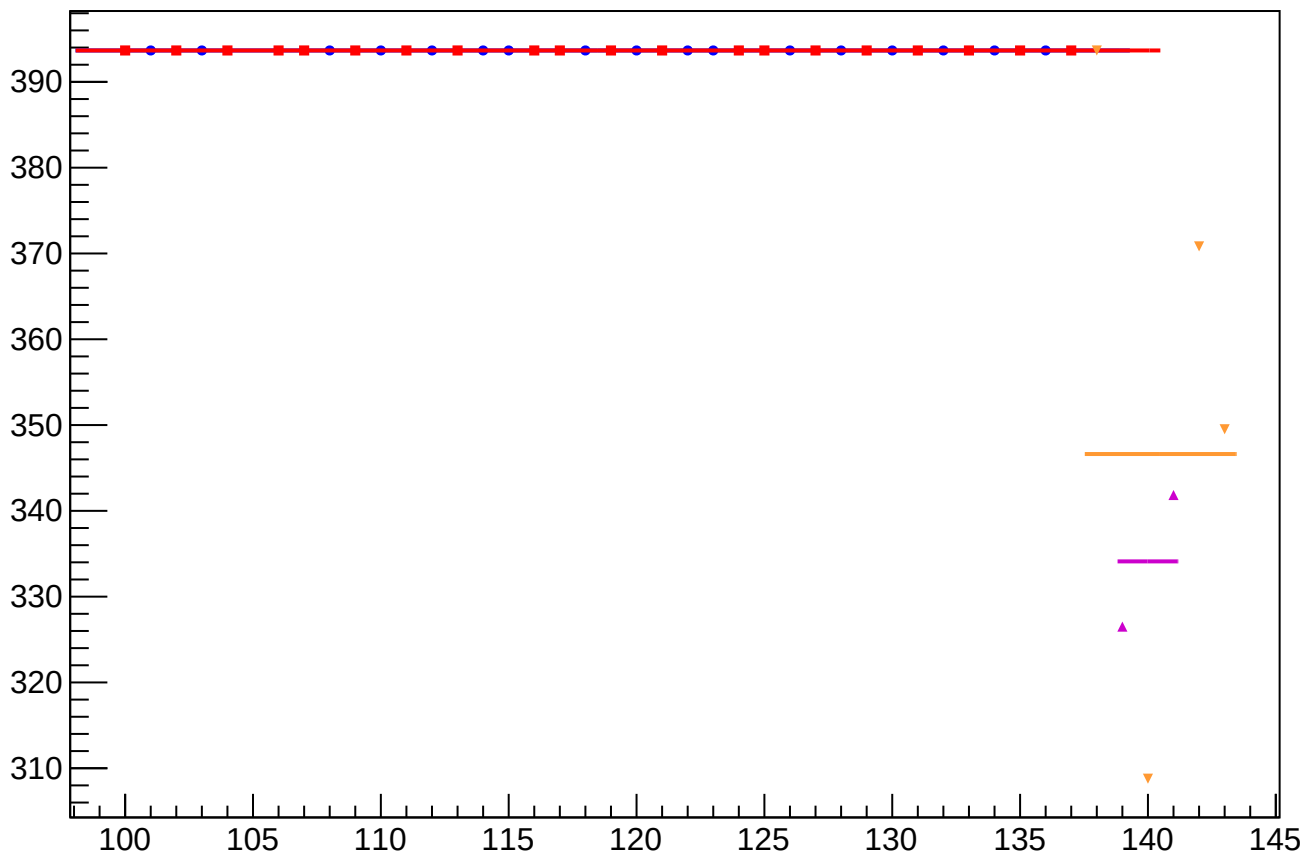
Left In: 332.163+/-262.060 χ^2/NDF : 0.8/1

-410.966+/-99.009 χ^2/NDF : 4.3/20

36.961+/-68.814 χ^2/NDF : 44.9/42

455.529+/-95.709 χ^2/NDF : 1.1/21

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 393.663 $\pm$ 0.079 χ^2 /NDF: 0.0/16

Left Out: 346.624 $\pm$ 0.152 χ^2 /NDF: 48452.0/3

Right Out: 393.663 $\pm$ 0.073 χ^2 /NDF: 0.0/19

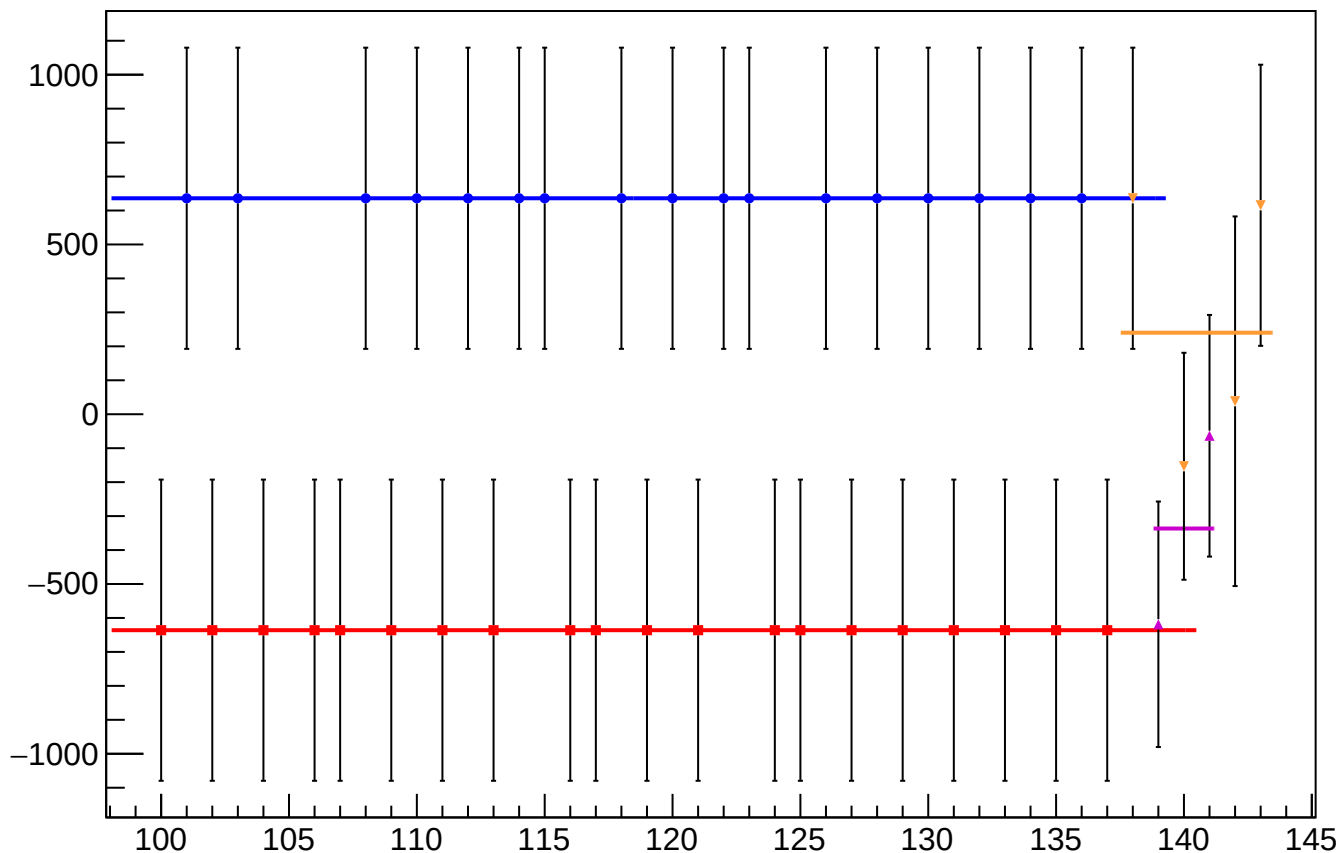
Left In: 334.109 $\pm$ 0.185 χ^2 /NDF: 1713.1/1

383.704 $\pm$ 0.070 χ^2 /NDF: 123792.0/20

384.746 $\pm$ 0.049 χ^2 /NDF: 215442.9/42

385.719 $\pm$ 0.068 χ^2 /NDF: 91222.6/21

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 636.038 $\pm$ 107.577 χ^2/NDF : 0.0/16

Left Out: 240.101 $\pm$ 207.413 χ^2/NDF : 3.1/3

Right Out: -636.038 $\pm$ 99.181 χ^2/NDF : 0.0/19

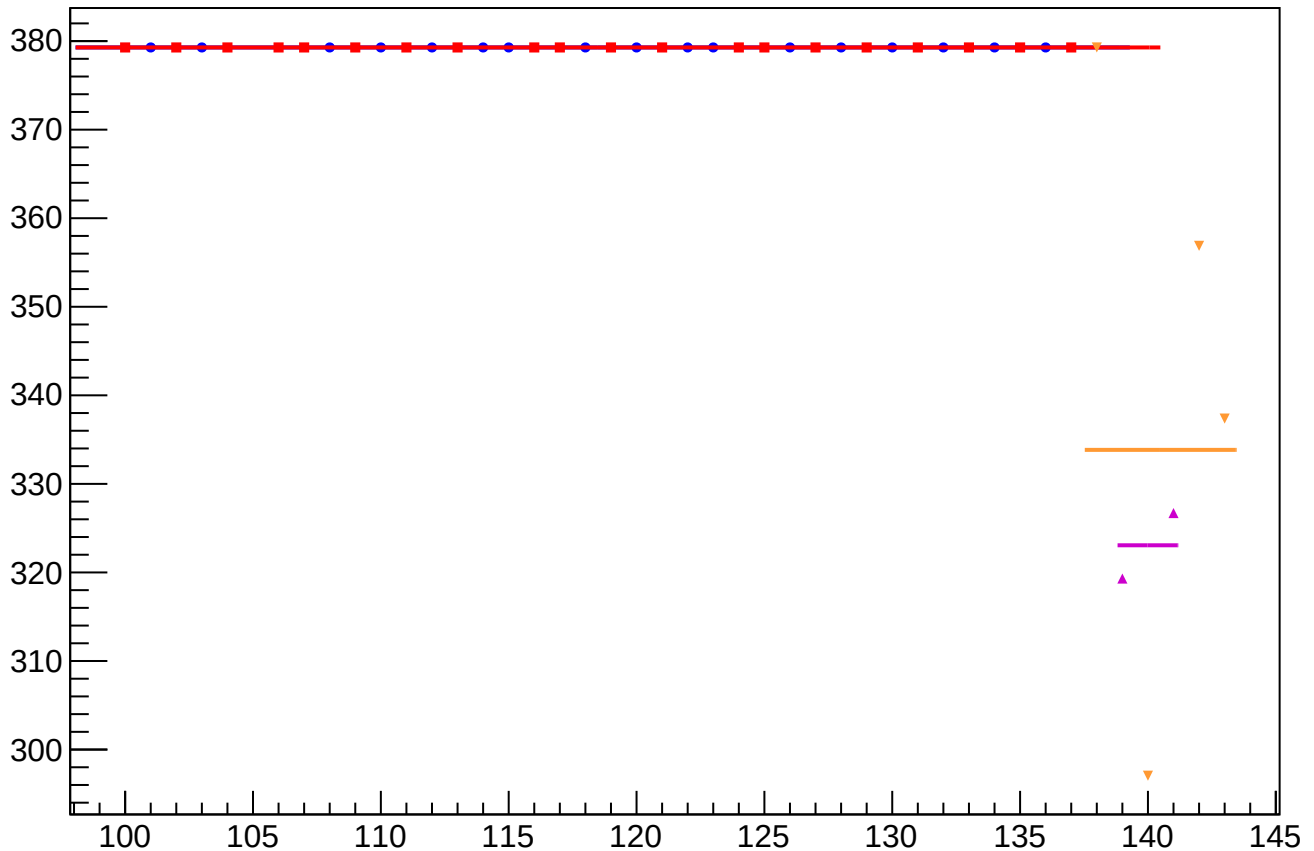
Left In: -336.616 $\pm$ 253.616 χ^2/NDF : 1.2/1

552.106 $\pm$ 95.496 χ^2/NDF : 6.0/20

-41.219 $\pm$ 66.393 χ^2/NDF : 83.1/42

-596.321 $\pm$ 92.369 χ^2/NDF : 2.4/21

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 379.283+/-0.076 χ^2/NDF : 0.0/16

Left Out: 333.840+/-0.147 χ^2/NDF : 48960.4/3

Right Out: 379.283+/-0.070 χ^2/NDF : 0.0/19

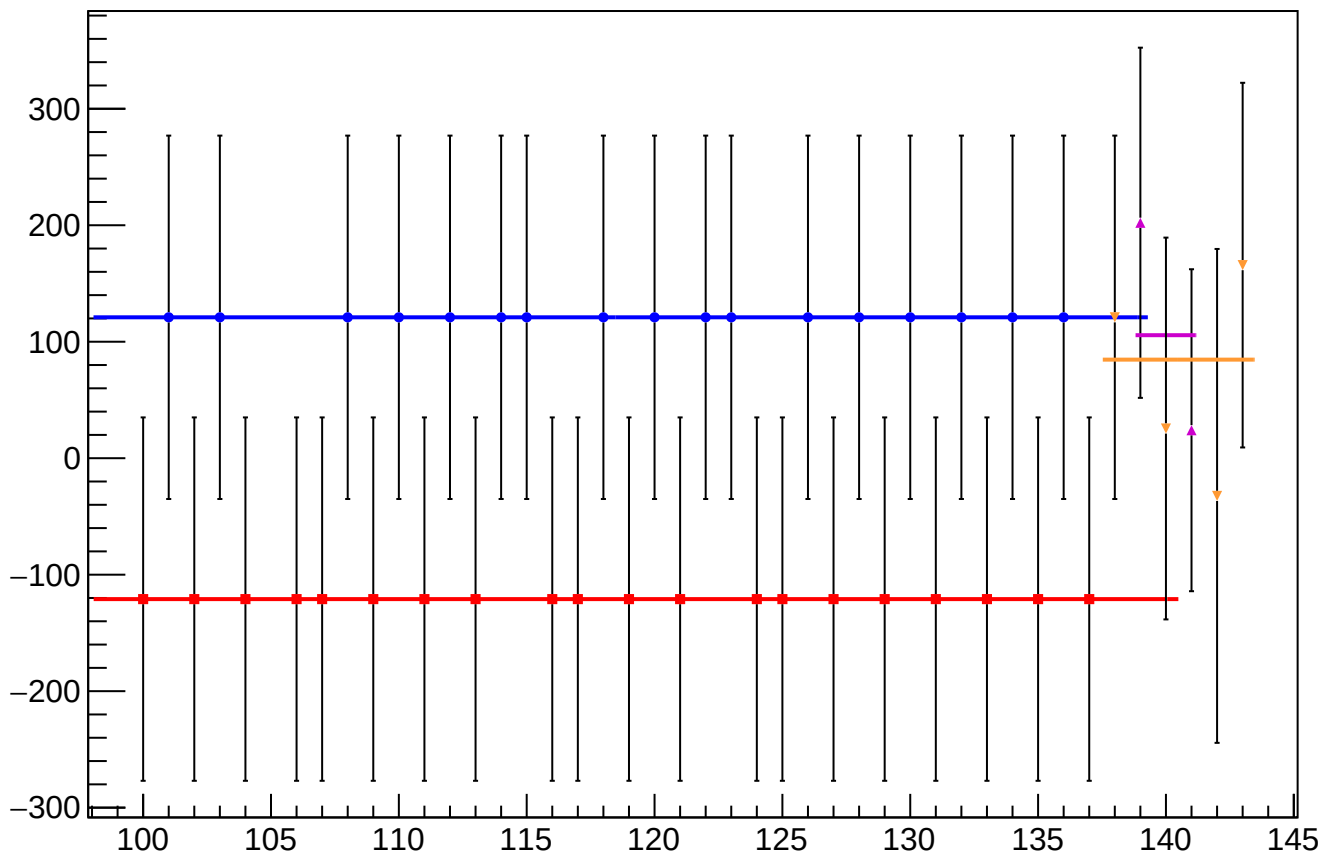
Left In: 323.066+/-0.179 χ^2/NDF : 425.0/1

369.650+/-0.068 χ^2/NDF : 124612.7/20

370.774+/-0.047 χ^2/NDF : 210807.2/42

371.826+/-0.065 χ^2/NDF : 85657.9/21

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 120.964 $\pm$ 37.832 χ^2 /NDF: 0.0/16

Left Out: 84.628 $\pm$ 84.099 χ^2 /NDF:0.8/3

Right Out: -120.964 $\pm$ 34.880 χ^2 /NDF: 0.0/19

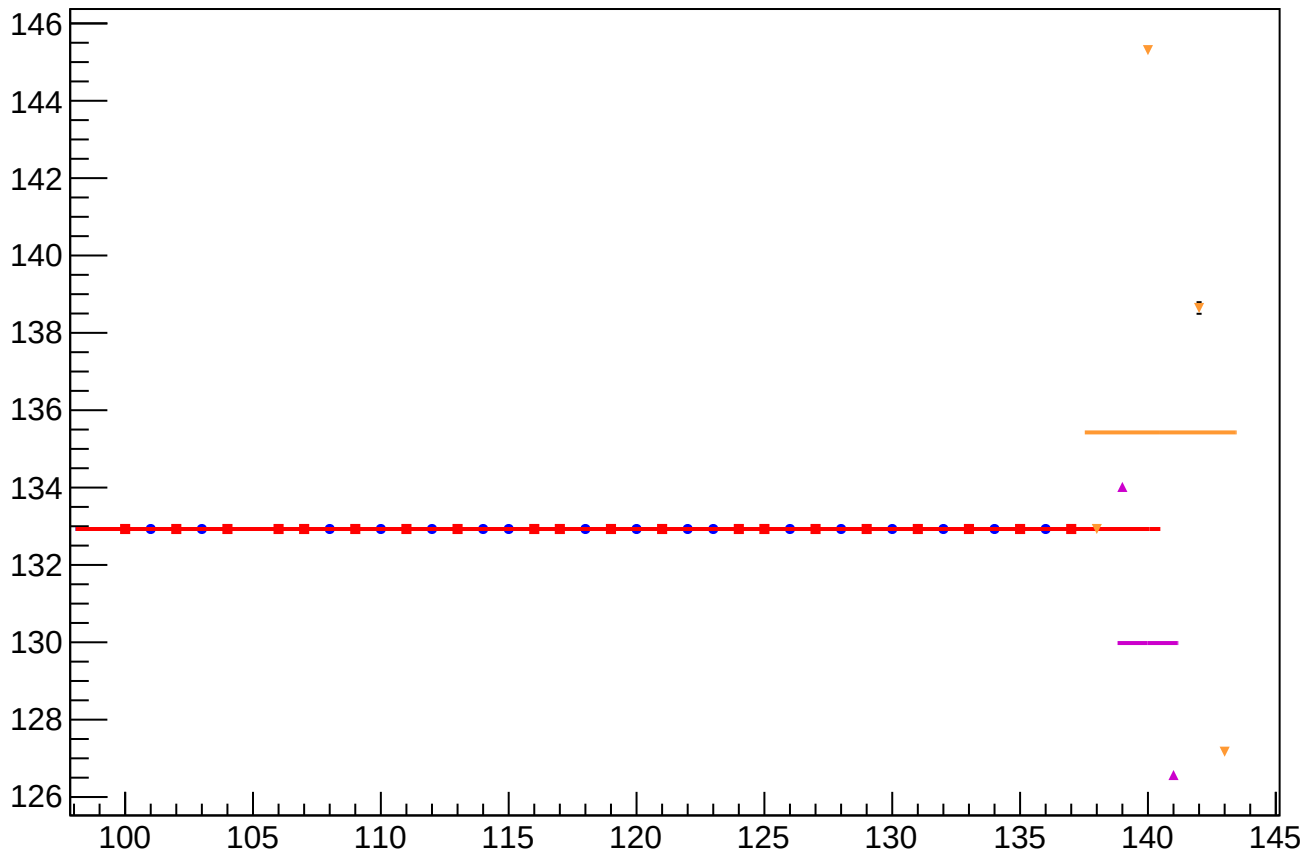
Left In: 105.606 $\pm$ 101.741 χ^2 /NDF:0.8/1

114.848 $\pm$ 34.502 χ^2 /NDF: 0.9/20

4.124 $\pm$ 23.846 χ^2 /NDF: 25.8/42

-97.135 $\pm$ 32.995 χ^2 /NDF: 5.2/21

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 132.929 ± 0.027 χ^2/NDF : 0.0/16

Left Out: 135.426 ± 0.059 χ^2/NDF : 13807.3/3

Right Out: 132.929 ± 0.025 χ^2/NDF : 0.0/19

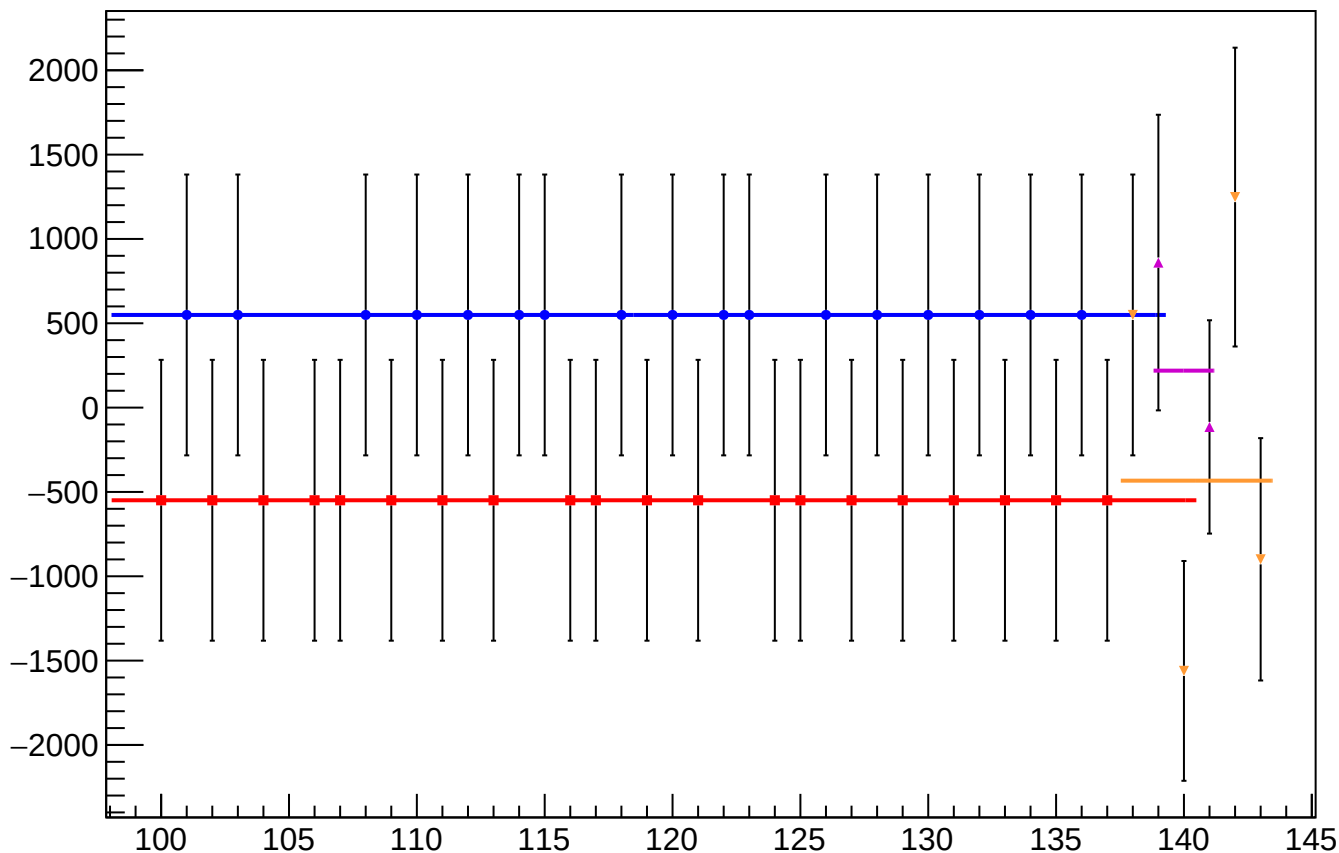
Left In: 129.981 ± 0.072 χ^2/NDF : 2660.9/1

133.349 ± 0.024 χ^2/NDF : 15273.7/20

132.968 ± 0.017 χ^2/NDF : 19905.7/42

132.619 ± 0.023 χ^2/NDF : 4163.9/21

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: 549.374 $\pm$ 201.914 χ^2 /NDF: 0.0/16

Left Out: -433.098 $\pm$ 377.696 χ^2 /NDF:8.4/3

Right Out: -549.374 $\pm$ 186.156 χ^2 /NDF: 0.0/19

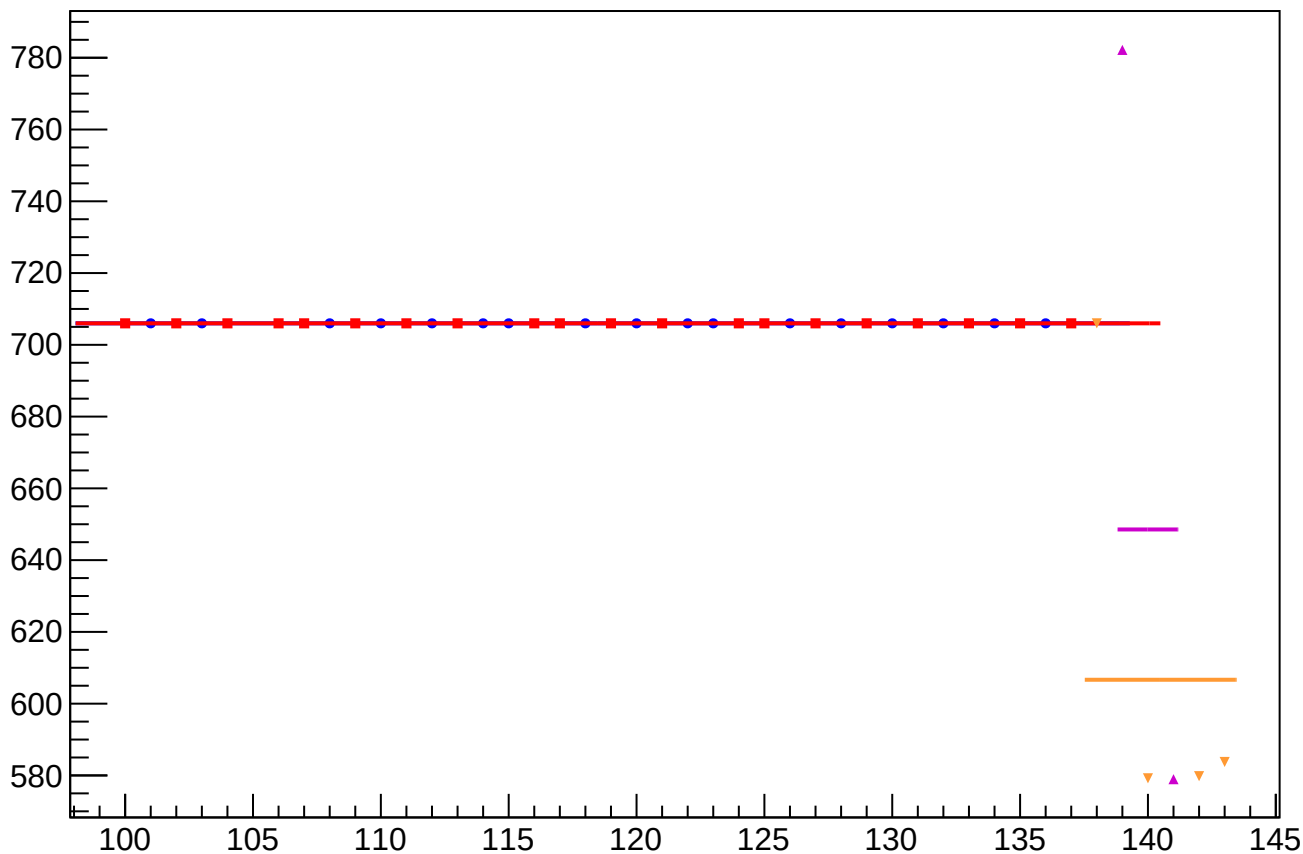
Left In: 219.139 $\pm$ 512.817 χ^2 /NDF:0.8/1

331.001 $\pm$ 178.066 χ^2 /NDF: 13.7/20

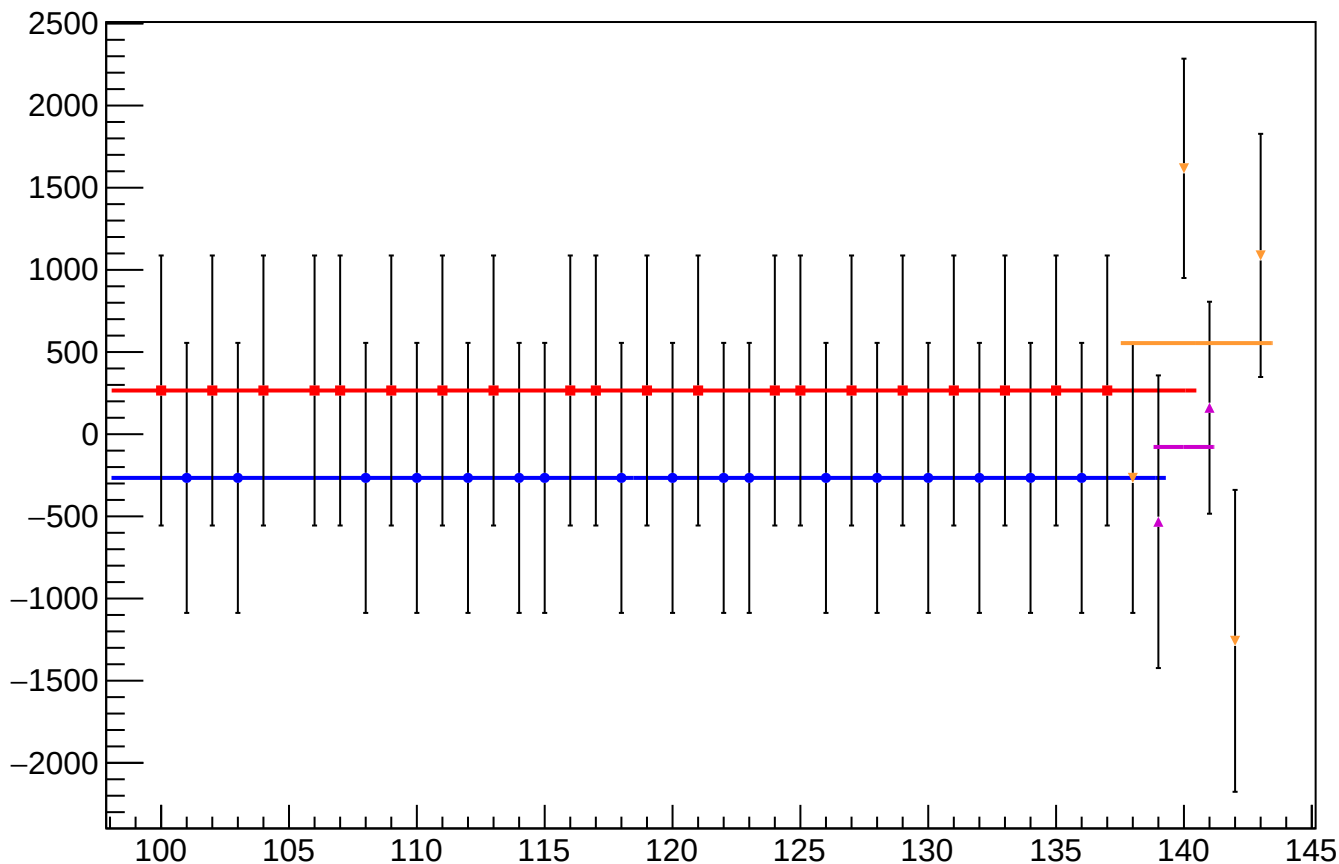
-71.353 $\pm$ 124.807 χ^2 /NDF: 26.5/42

-459.895 $\pm$ 174.983 χ^2 /NDF: 2.8/21

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: -265.915+/-199.276 χ^2/NDF : 0.0/16

Left Out: 554.397+/-385.228 χ^2/NDF : 7.9/3

Right Out: 265.915+/-183.724 χ^2/NDF : 0.0/19

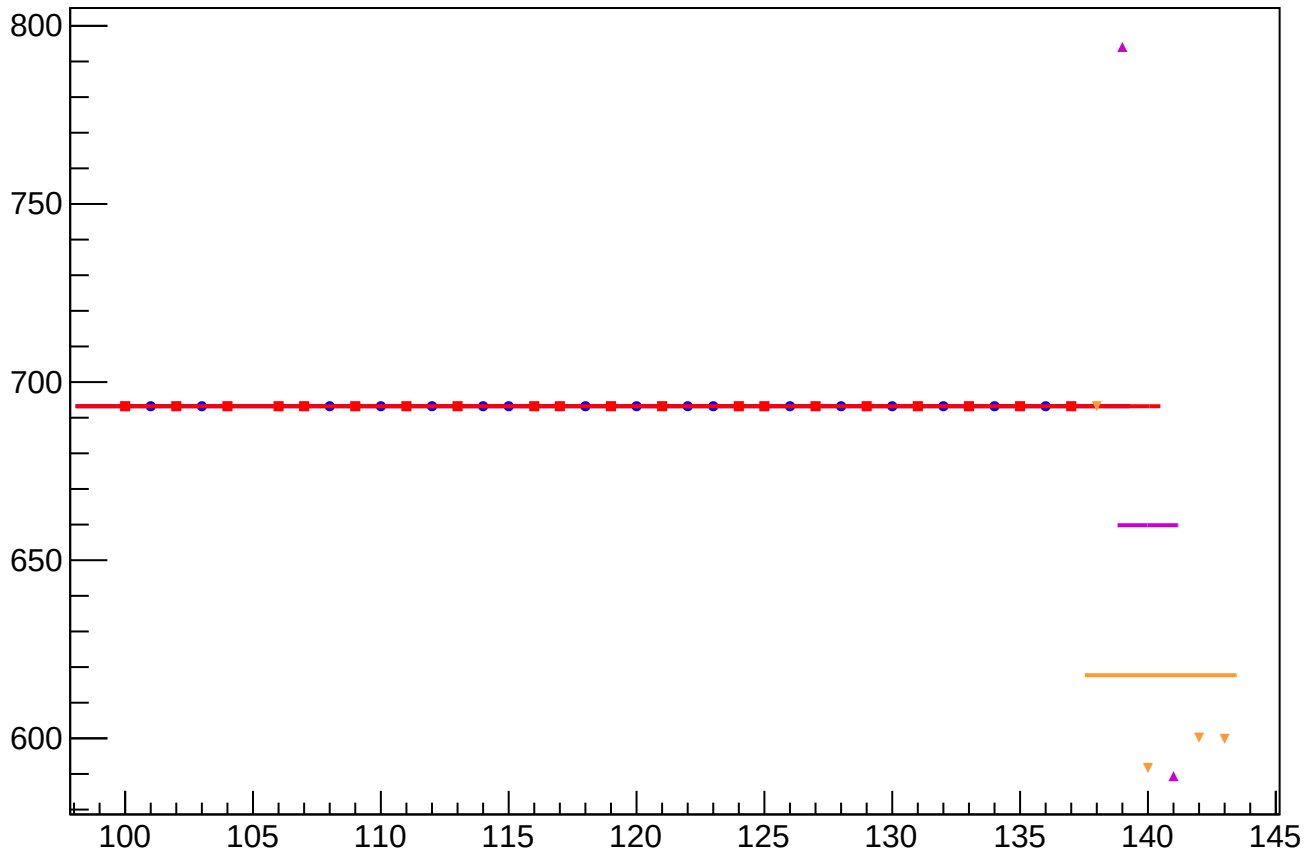
Left In: -77.625+/-522.351 χ^2/NDF : 0.4/1

-92.745+/-176.997 χ^2/NDF : 11.5/20

71.046+/-123.834 χ^2/NDF : 14.0/42

228.095+/-173.316 χ^2/NDF : 0.8/21

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 693.227 $\pm$ 0.141 χ^2 /NDF: 0.0/16

Left Out: 617.715 $\pm$ 0.272 χ^2 /NDF: 21830.1/3

Right Out: 693.227 $\pm$ 0.130 χ^2 /NDF: 0.0/19

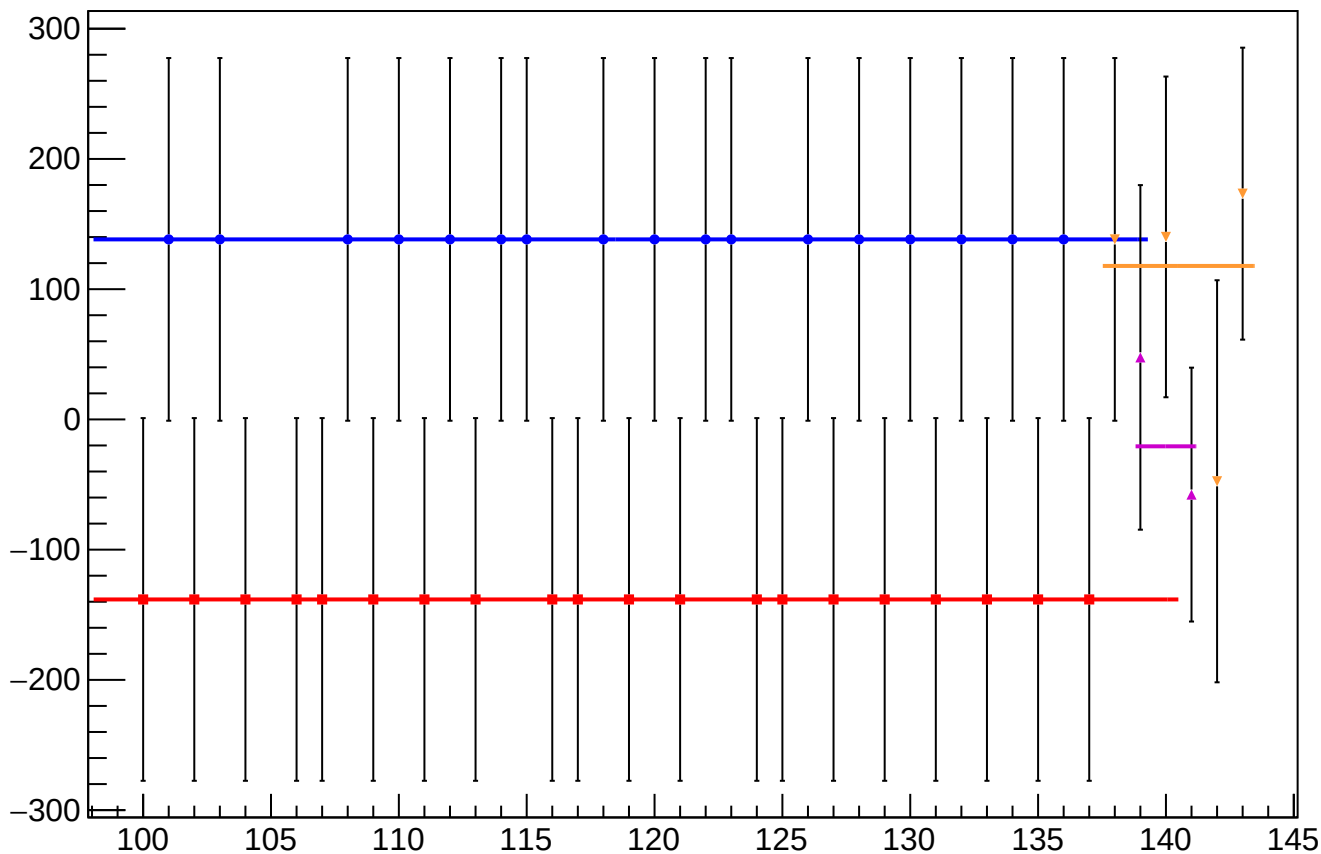
Left In: 659.818 $\pm$ 0.369 χ^2 /NDF: 69328.8/1

677.287 $\pm$ 0.125 χ^2 /NDF: 82453.9/20

683.547 $\pm$ 0.088 χ^2 /NDF: 163964.6/42

689.549 $\pm$ 0.123 χ^2 /NDF: 76609.8/21

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 138.233 $\pm$ 33.773 χ^2 /NDF: 0.0/16

Left Out: 117.846 $\pm$ 64.672 χ^2 /NDF: 1.4/3

Right Out: -138.233 $\pm$ 31.138 χ^2 /NDF: 0.0/19

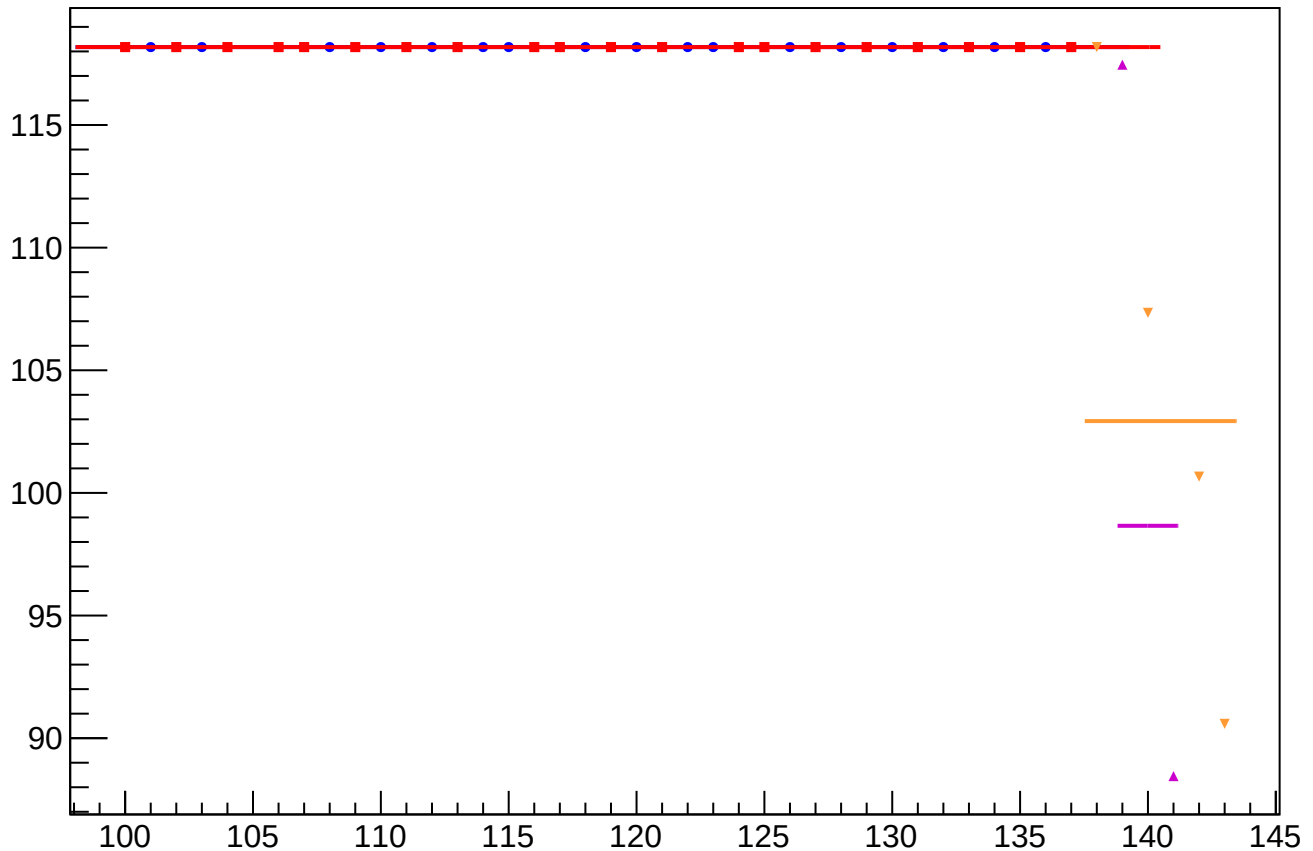
Left In: -20.661 $\pm$ 78.471 χ^2 /NDF: 0.4/1

133.865 $\pm$ 29.937 χ^2 /NDF: 1.5/20

1.487 $\pm$ 20.808 χ^2 /NDF: 41.7/42

-122.240 $\pm$ 28.942 χ^2 /NDF: 2.4/21

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 118.177 $\pm$ 0.024 χ^2 /NDF: 0.0/16

Left Out: 102.929 $\pm$ 0.046 χ^2 /NDF:51233.6/3

Right Out: 118.177 $\pm$ 0.022 χ^2 /NDF: 0.0/19

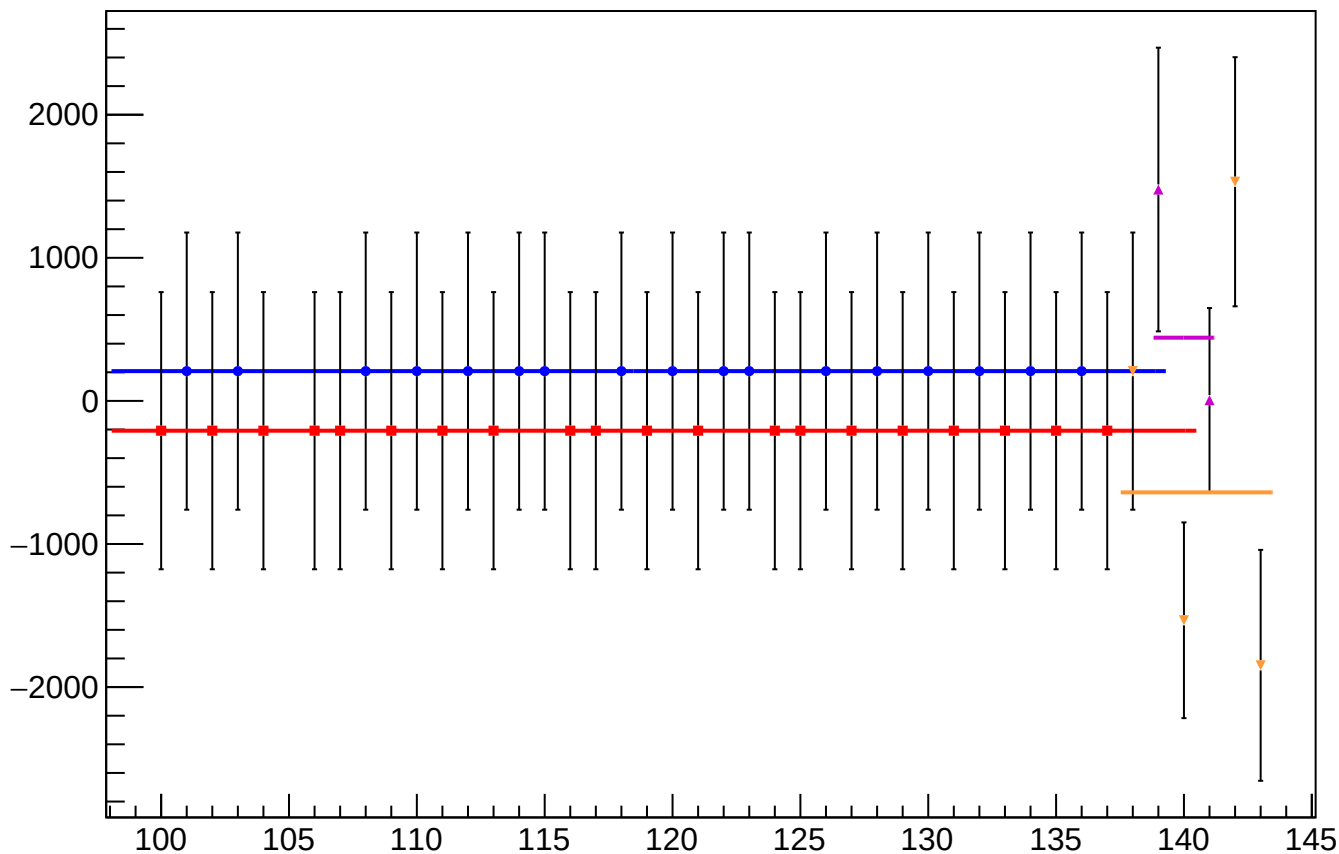
Left In: 98.660 $\pm$ 0.055 χ^2 /NDF:62317.8/1

114.909 $\pm$ 0.021 χ^2 /NDF: 138585.5/20

115.226 $\pm$ 0.015 χ^2 /NDF: 308224.4/42

115.522 $\pm$ 0.020 χ^2 /NDF: 169206.4/21

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 208.161+/-234.901 χ^2/NDF : 0.0/16

Left Out: -639.236+/-406.244 χ^2/NDF :10.9/3

Right Out: -208.161+/-216.568 χ^2/NDF : 0.0/19

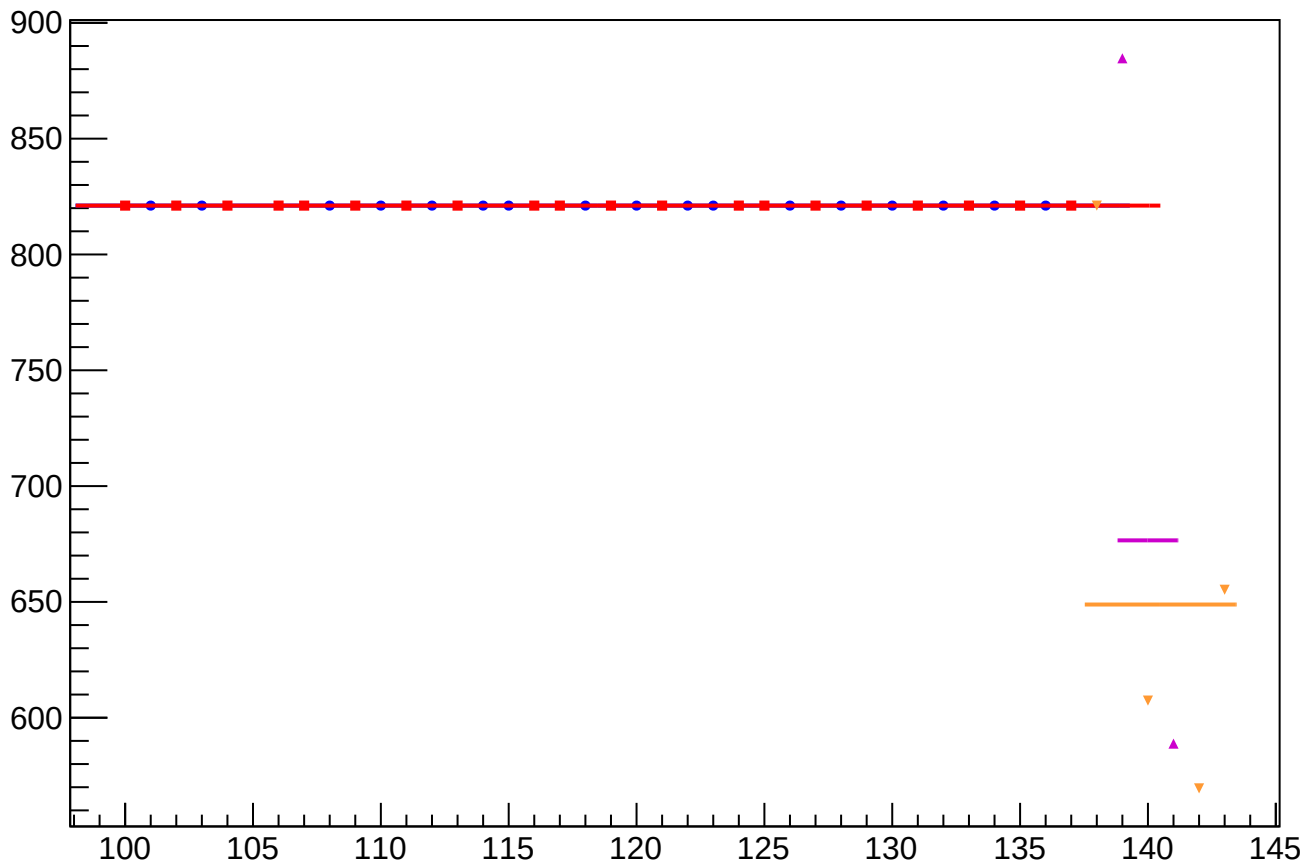
Left In: 441.824+/-539.862 χ^2/NDF :1.6/1

-4.171+/-203.353 χ^2/NDF : 14.2/20

-61.779+/-142.952 χ^2/NDF : 17.2/42

-118.061+/-200.998 χ^2/NDF : 2.8/21

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 821.097 $\pm$ 0.166 χ^2 /NDF: 0.0/16

Left Out: 648.873 $\pm$ 0.287 χ^2 /NDF: 87345.2/3

Right Out: 821.097 $\pm$ 0.153 χ^2 /NDF: 0.0/19

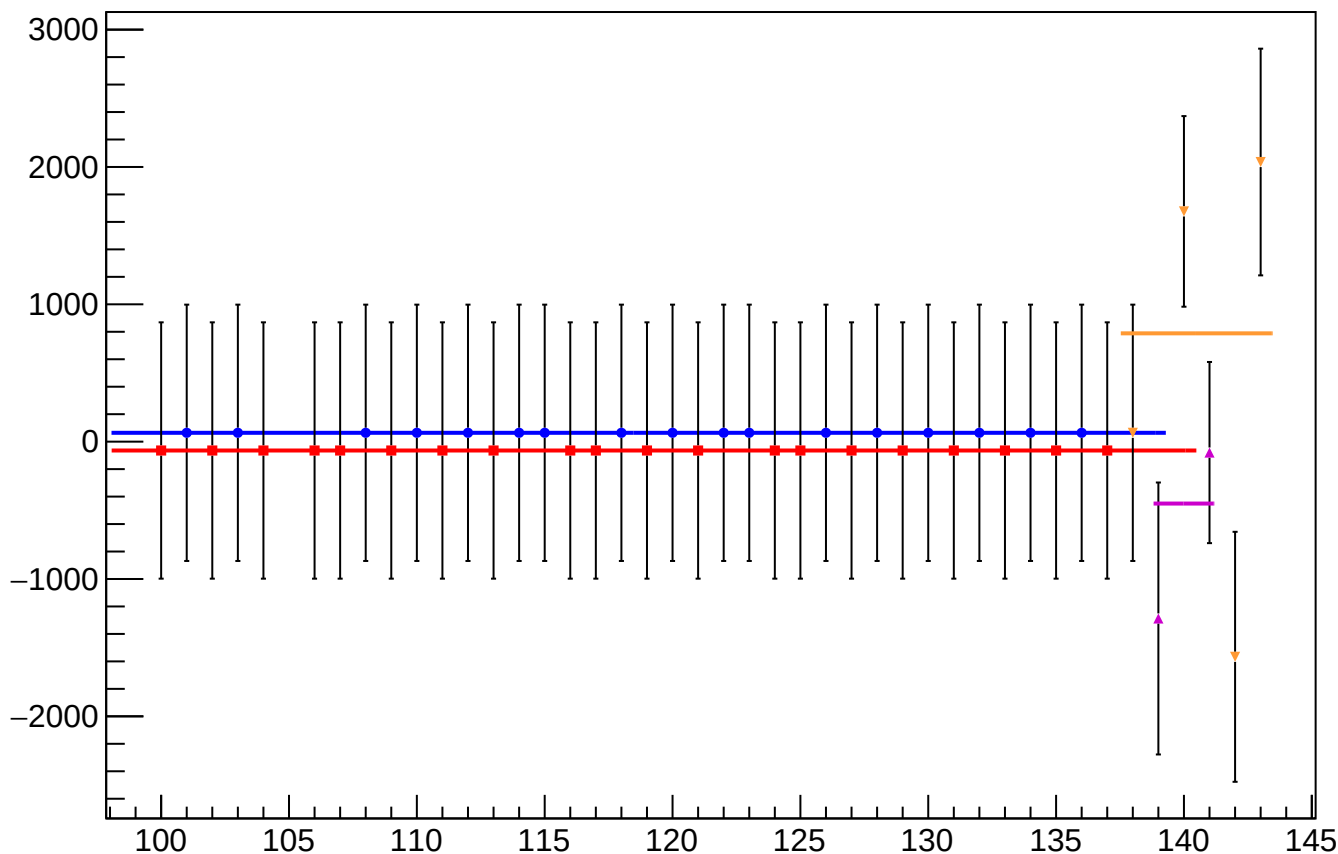
Left In: 676.572 $\pm$ 0.382 χ^2 /NDF: 125326.8/1

777.943 $\pm$ 0.144 χ^2 /NDF: 356731.1/20

789.637 $\pm$ 0.101 χ^2 /NDF: 618600.0/42

801.063 $\pm$ 0.142 χ^2 /NDF: 248791.6/21

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 64.417 ± 226.336 χ^2/NDF : 0.0/16

Left Out: 788.594 ± 411.692 χ^2/NDF : 11.2/3

Right Out: -64.417 ± 208.671 χ^2/NDF : 0.0/19

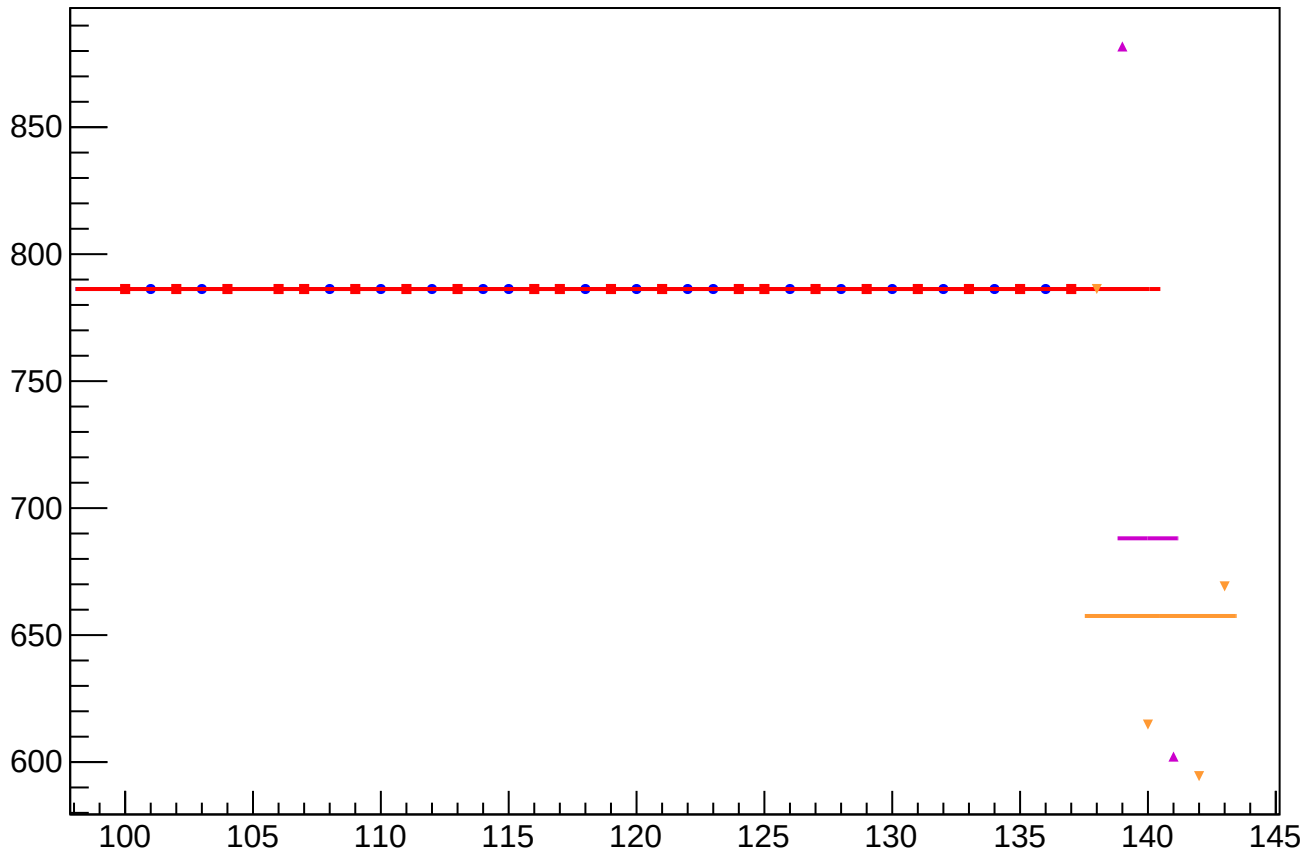
Left In: -450.741 ± 548.907 χ^2/NDF : 1.0/1

232.496 ± 198.338 χ^2/NDF : 13.6/20

56.761 ± 139.070 χ^2/NDF : 16.6/42

-113.198 ± 195.052 χ^2/NDF : 1.5/21

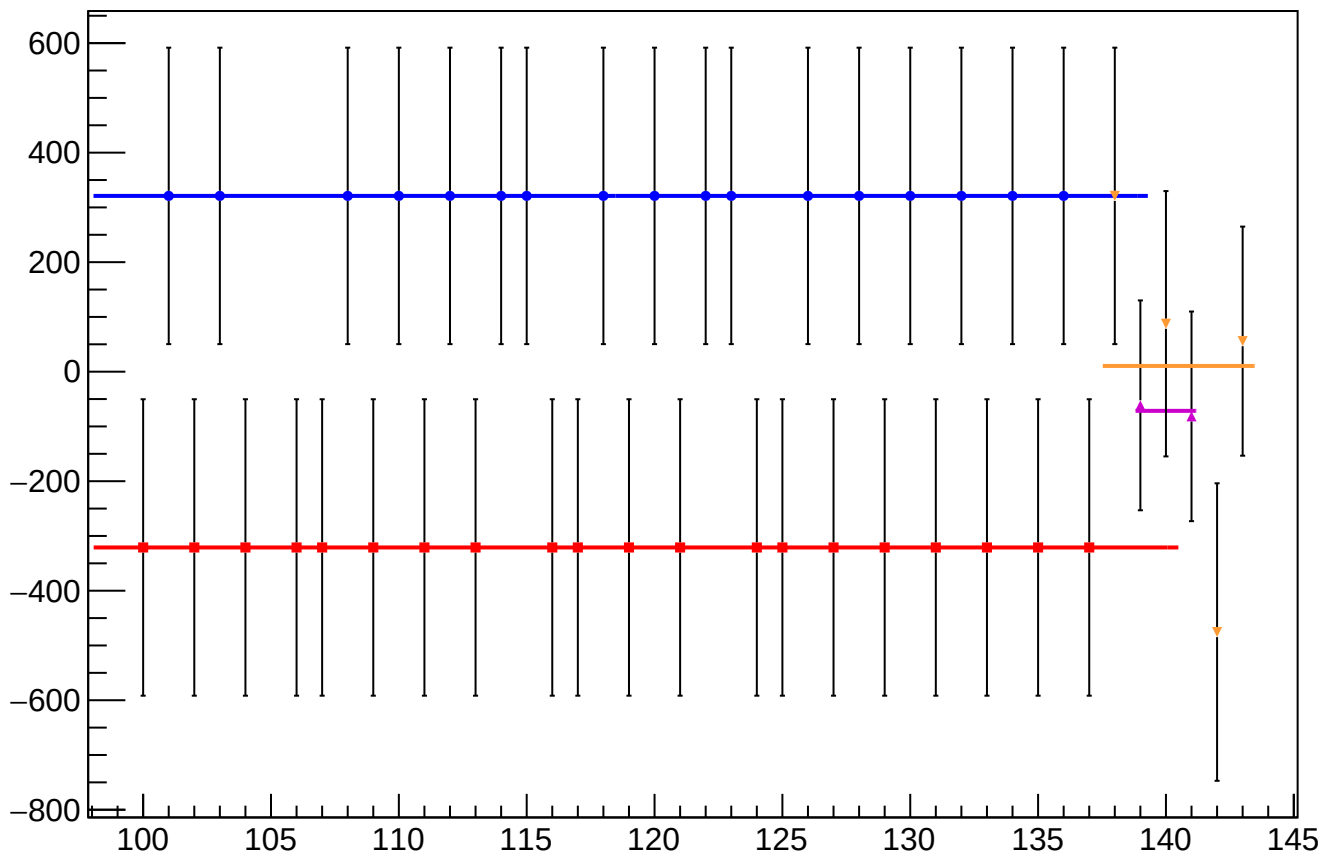
asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 786.276 $\pm$ 0.160 χ^2 /NDF: 0.0/16
Left Out: 657.527 $\pm$ 0.291 χ^2 /NDF: 55668.0/3
Right Out: 786.276 $\pm$ 0.148 χ^2 /NDF: 0.0/19
Left In: 688.107 $\pm$ 0.388 χ^2 /NDF: 110495.6/1

756.394 $\pm$ 0.140 χ^2 /NDF: 205869.8/20
765.283 $\pm$ 0.098 χ^2 /NDF: 380160.1/42
773.880 $\pm$ 0.138 χ^2 /NDF: 166387.6/21

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 321.021 ± 65.653 χ^2/NDF : 0.0/16

Left Out: 10.481 ± 122.086 χ^2/NDF : 4.7/3

Right Out: -321.021 ± 60.529 χ^2/NDF : 0.0/19

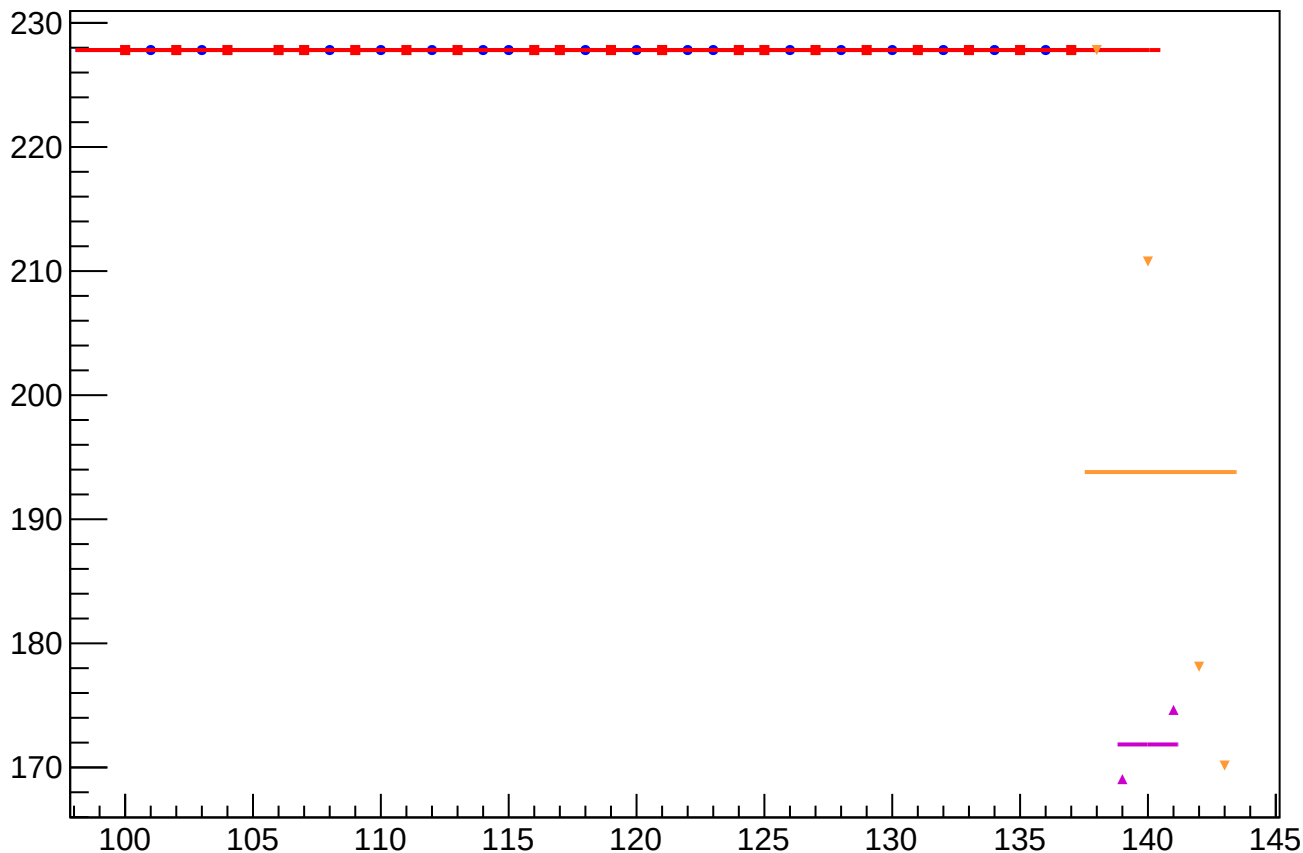
Left In: -71.537 ± 135.423 χ^2/NDF : 0.0/1

251.362 ± 57.822 χ^2/NDF : 9.7/20

-26.080 ± 39.950 χ^2/NDF : 56.6/42

-279.479 ± 55.260 χ^2/NDF : 2.8/21

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 227.813 $\pm$ 0.046 χ^2 /NDF: 0.0/16

Left Out: 193.804 $\pm$ 0.086 χ^2 /NDF: 73625.4/3

Right Out: 227.813 $\pm$ 0.043 χ^2 /NDF: 0.0/19

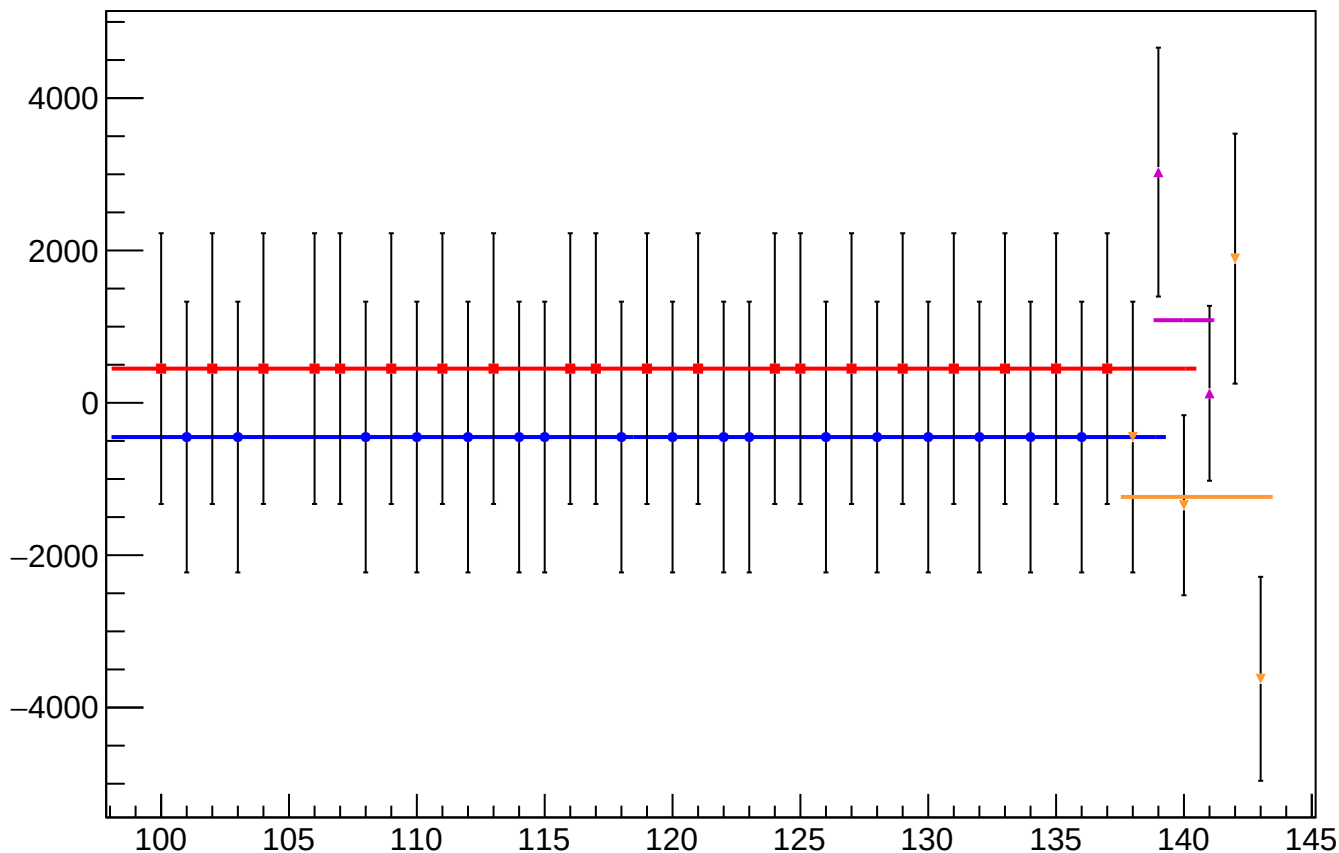
Left In: 171.852 $\pm$ 0.096 χ^2 /NDF: 848.8/1

220.184 $\pm$ 0.041 χ^2 /NDF: 194011.5/20

219.301 $\pm$ 0.028 χ^2 /NDF: 480403.0/42

218.495 $\pm$ 0.039 χ^2 /NDF: 285499.4/21

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -449.122+/-431.025 χ^2/NDF : 0.0/16

Left Out: -1234.947+/-713.896 χ^2/NDF : 7.0/3

Right Out: 449.122+/-397.385 χ^2/NDF : 0.0/19

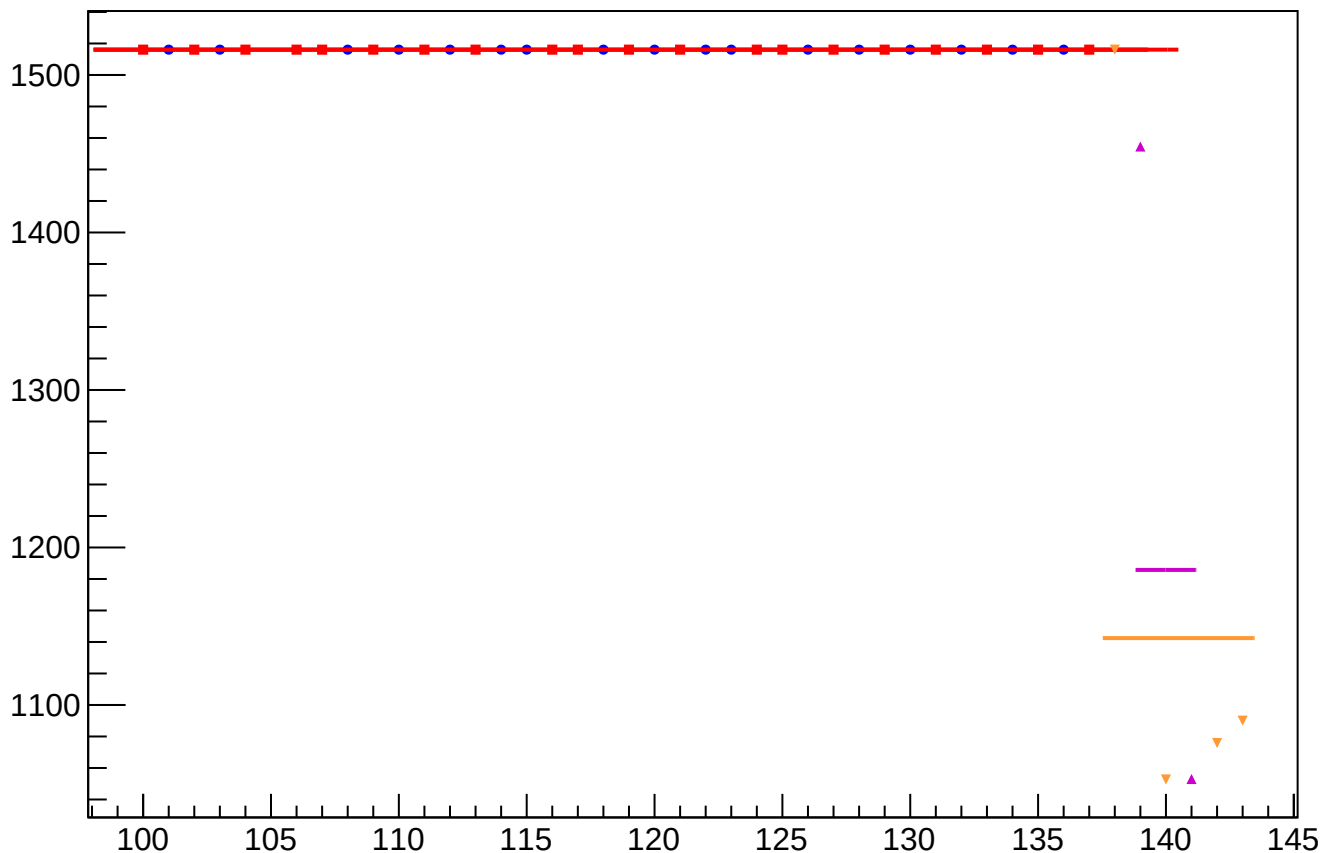
Left In: 1084.986+/-939.125 χ^2/NDF : 2.1/1

-659.053+/-368.986 χ^2/NDF : 7.9/20

-51.740+/-259.840 χ^2/NDF : 15.8/42

545.685+/-365.970 χ^2/NDF : 2.5/21

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1516.083 $\pm$ 0.305 χ^2 /NDF: 0.0/16

Left Out: 1142.473 $\pm$ 0.505 χ^2 /NDF:106301.0/3

Right Out: 1516.083 $\pm$ 0.281 χ^2 /NDF: 0.0/19

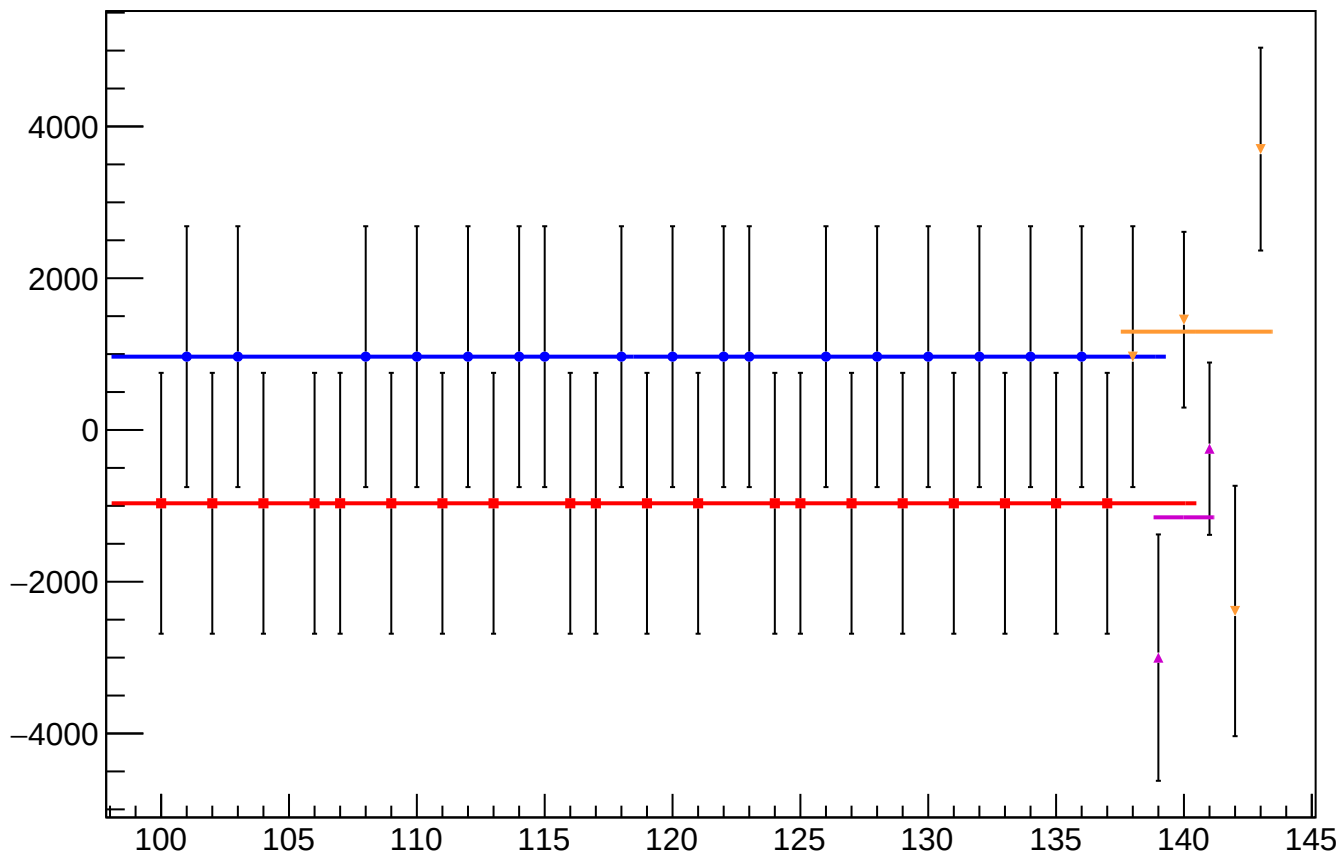
Left In: 1185.758 $\pm$ 0.664 χ^2 /NDF:80918.9/1

1416.274 $\pm$ 0.261 χ^2 /NDF: 507733.5/20

1441.301 $\pm$ 0.184 χ^2 /NDF: 816764.9/42

1465.920 $\pm$ 0.259 χ^2 /NDF: 290780.1/21

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 966.214 $\pm$ 416.909 χ^2/NDF : 0.0/16

Left Out: 1295.728 $\pm$ 705.139 χ^2/NDF : 8.3/3

Right Out: -966.214 $\pm$ 384.371 χ^2/NDF : 0.0/19

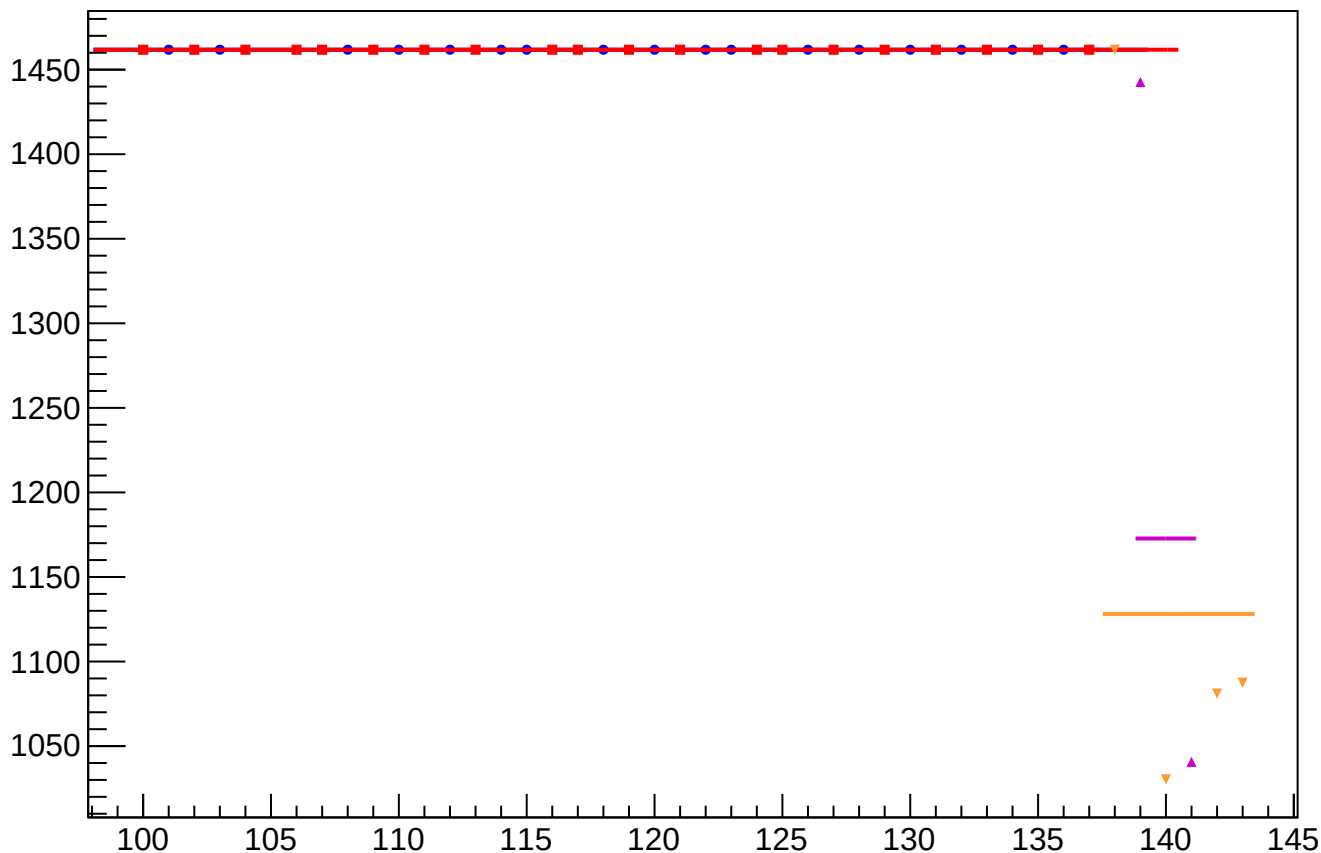
Left In: -1151.168 $\pm$ 930.461 χ^2/NDF : 1.9/1

1051.566 $\pm$ 358.876 χ^2/NDF : 8.4/20

18.822 $\pm$ 252.473 χ^2/NDF : 26.8/42

-993.176 $\pm$ 355.253 χ^2/NDF : 2.0/21

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1461.780 $\pm$ 0.295 χ^2 /NDF: 0.0/16

Left Out: 1128.098 $\pm$ 0.499 χ^2 /NDF:93099.4/3

Right Out: 1461.780 $\pm$ 0.272 χ^2 /NDF: 0.0/19

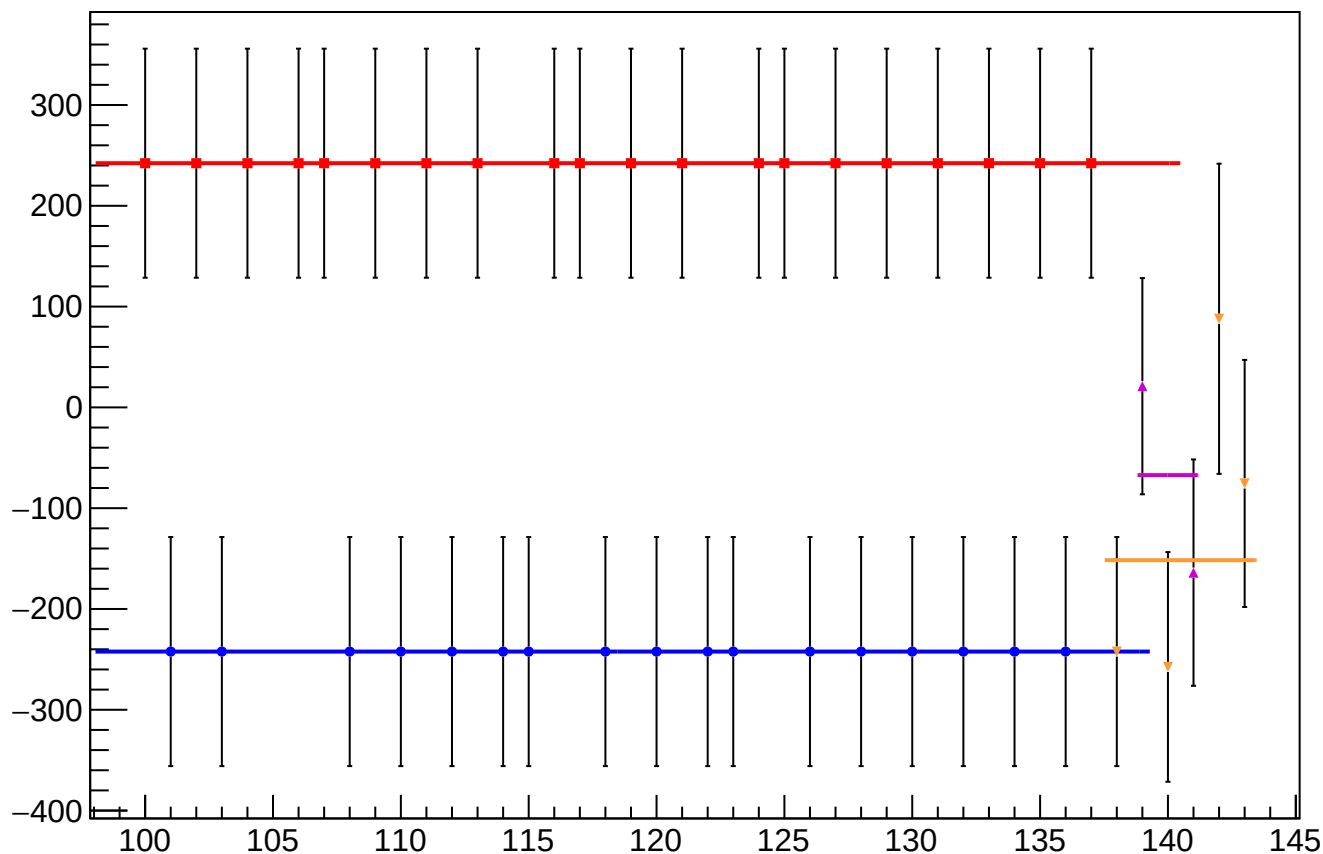
Left In: 1172.744 $\pm$ 0.658 χ^2 /NDF:82357.7/1

1375.349 $\pm$ 0.254 χ^2 /NDF: 424957.0/20

1397.723 $\pm$ 0.179 χ^2 /NDF: 687564.2/42

1419.647 $\pm$ 0.251 χ^2 /NDF: 247216.7/21

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -242.262 $\pm$ 27.558 χ^2/NDF : 0.0/16

Left Out: -151.570 $\pm$ 61.628 χ^2/NDF : 4.3/3

Right Out: 242.262 $\pm$ 25.407 χ^2/NDF : 0.0/19

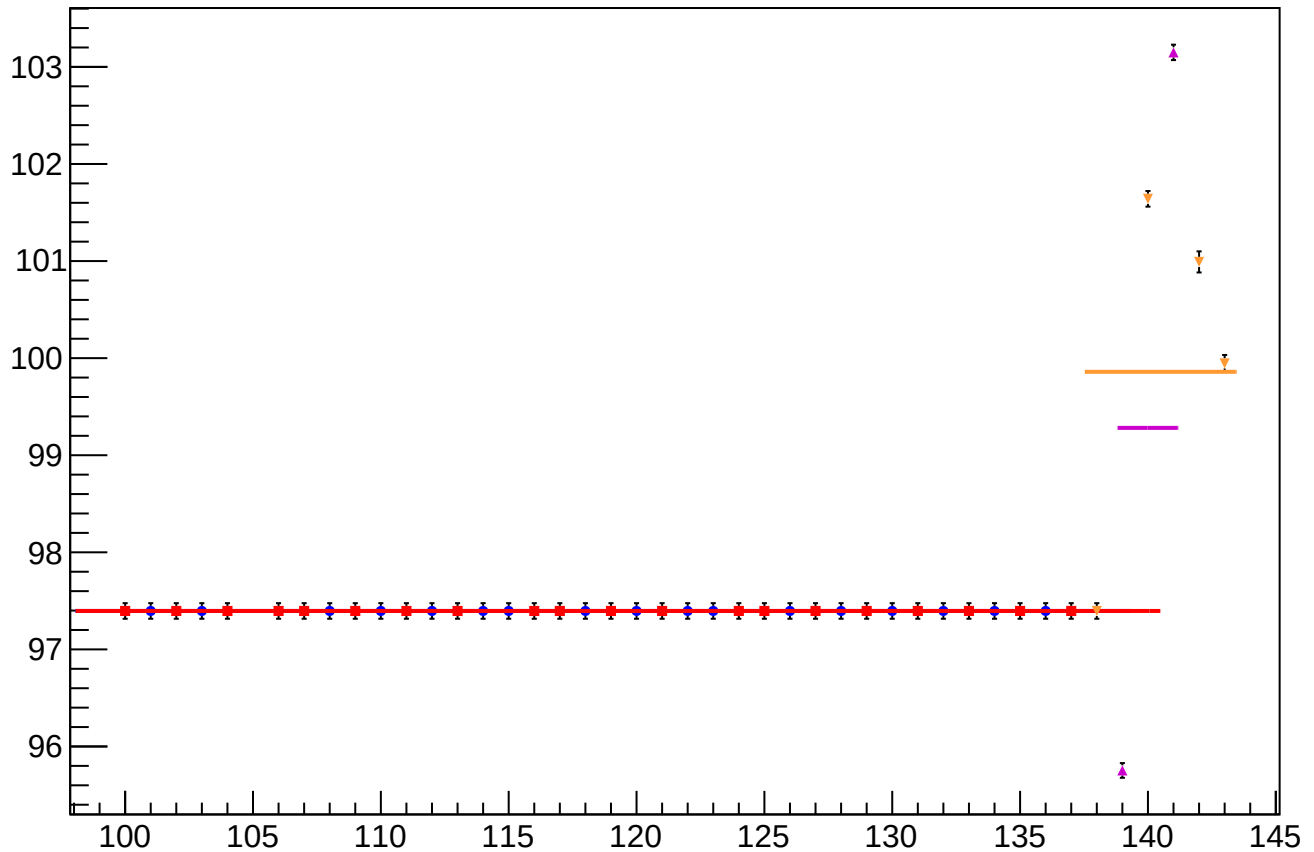
Left In: -67.213 $\pm$ 77.560 χ^2/NDF : 1.4/1

-227.149 $\pm$ 25.157 χ^2/NDF : 6.1/20

1.582 $\pm$ 17.420 χ^2/NDF : 180.7/42

212.270 $\pm$ 24.145 χ^2/NDF : 15.8/21

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 97.396 $\pm$ 0.019 χ^2 /NDF: 0.0/16

Left Out: 99.859 $\pm$ 0.044 χ^2 /NDF:1538.3/3

Right Out: 97.396 $\pm$ 0.018 χ^2 /NDF: 0.0/19

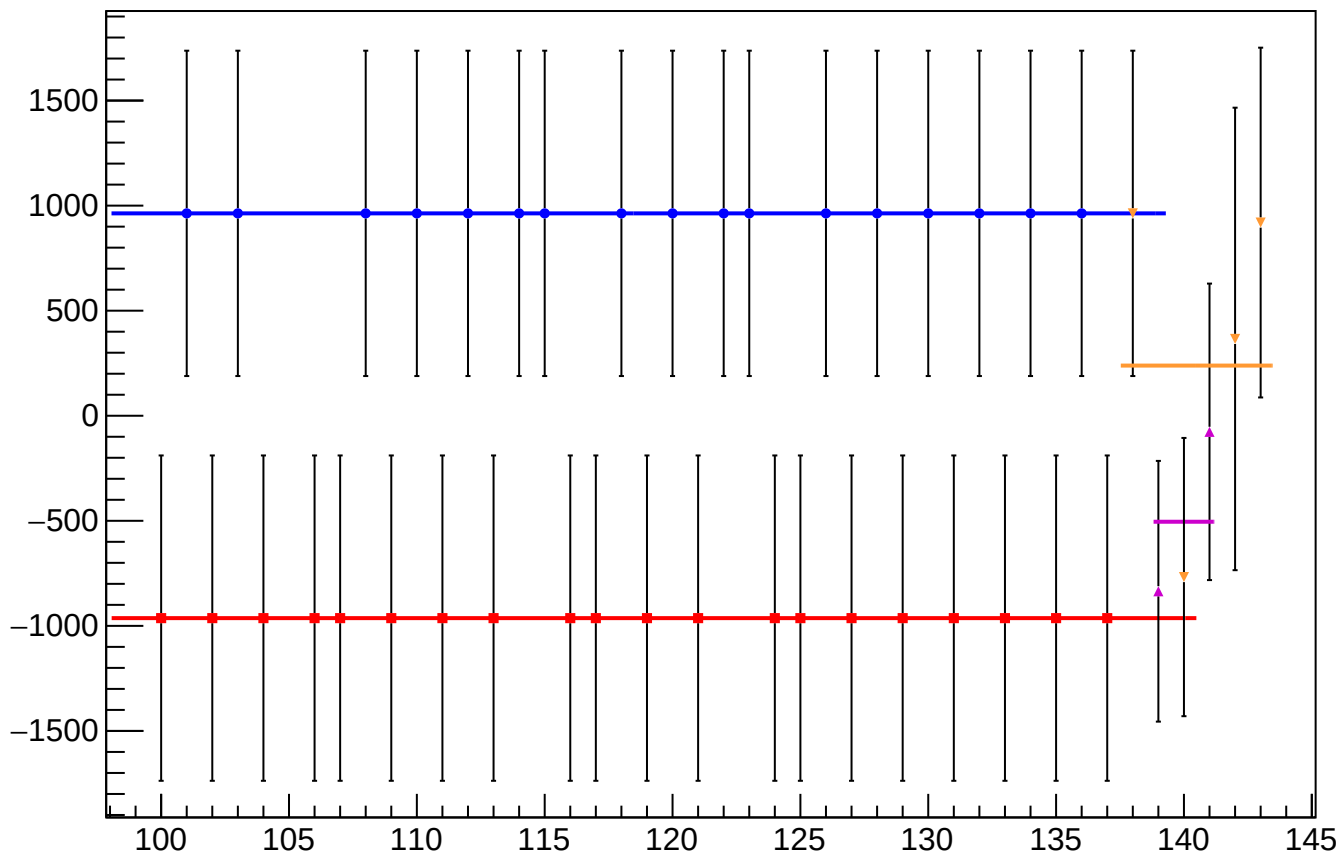
Left In: 99.282 $\pm$ 0.055 χ^2 /NDF:4537.6/1

97.806 $\pm$ 0.018 χ^2 /NDF: 4201.3/20

97.688 $\pm$ 0.012 χ^2 /NDF: 9892.0/42

97.579 $\pm$ 0.017 χ^2 /NDF: 5605.3/21

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 963.150 $\pm$ 187.765 χ^2/NDF : 0.0/16

Left Out: 238.759 $\pm$ 401.011 χ^2/NDF : 3.9/3

Right Out: -963.150 $\pm$ 173.110 χ^2/NDF : 0.0/19

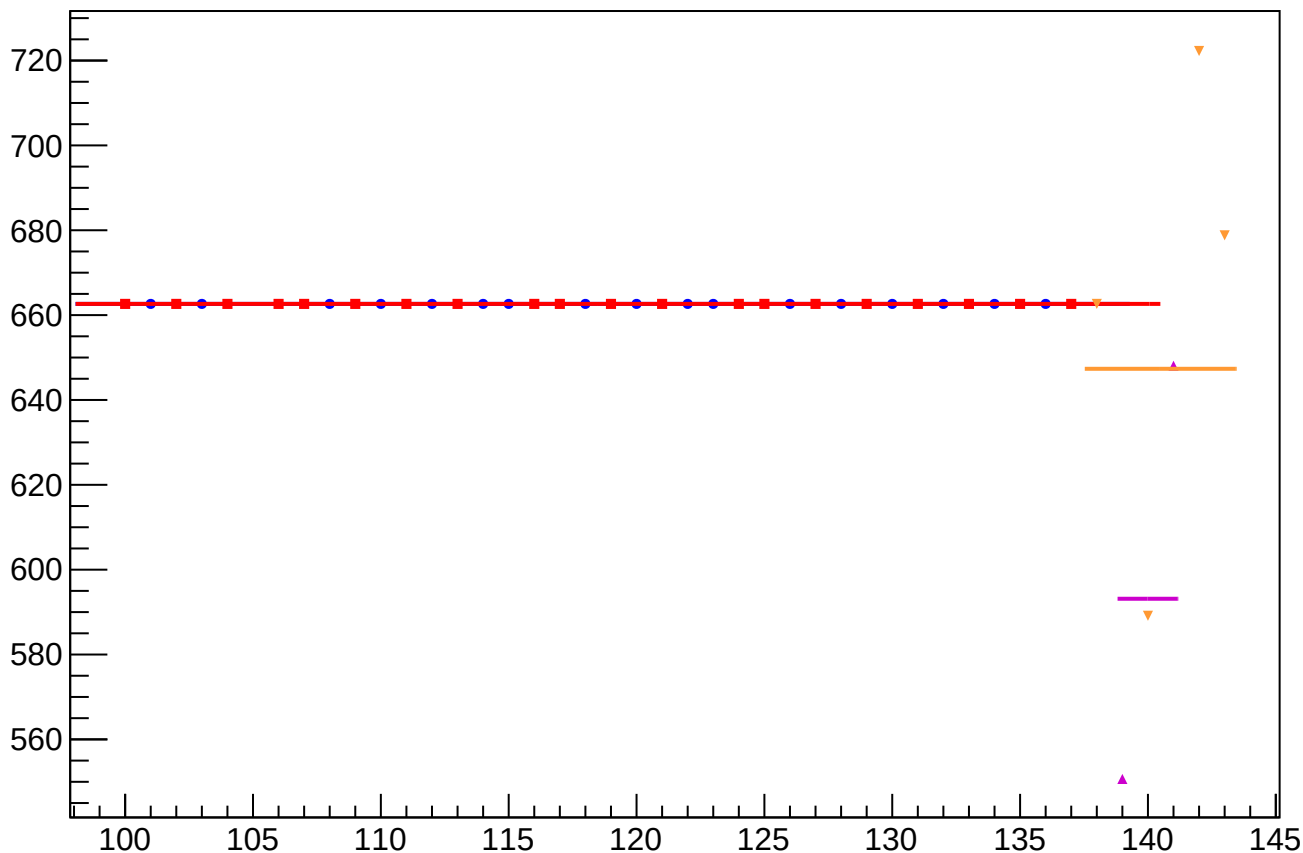
Left In: -504.431 $\pm$ 465.904 χ^2/NDF : 0.7/1

832.893 $\pm$ 170.047 χ^2/NDF : 6.5/20

-78.007 $\pm$ 117.396 χ^2/NDF : 62.9/42

-907.503 $\pm$ 162.271 χ^2/NDF : 1.5/21

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 662.643 $\pm$ 0.133 χ^2 /NDF: 0.0/16

Left Out: 647.346 $\pm$ 0.284 χ^2 /NDF:28361.4/3

Right Out: 662.643 $\pm$ 0.122 χ^2 /NDF: 0.0/19

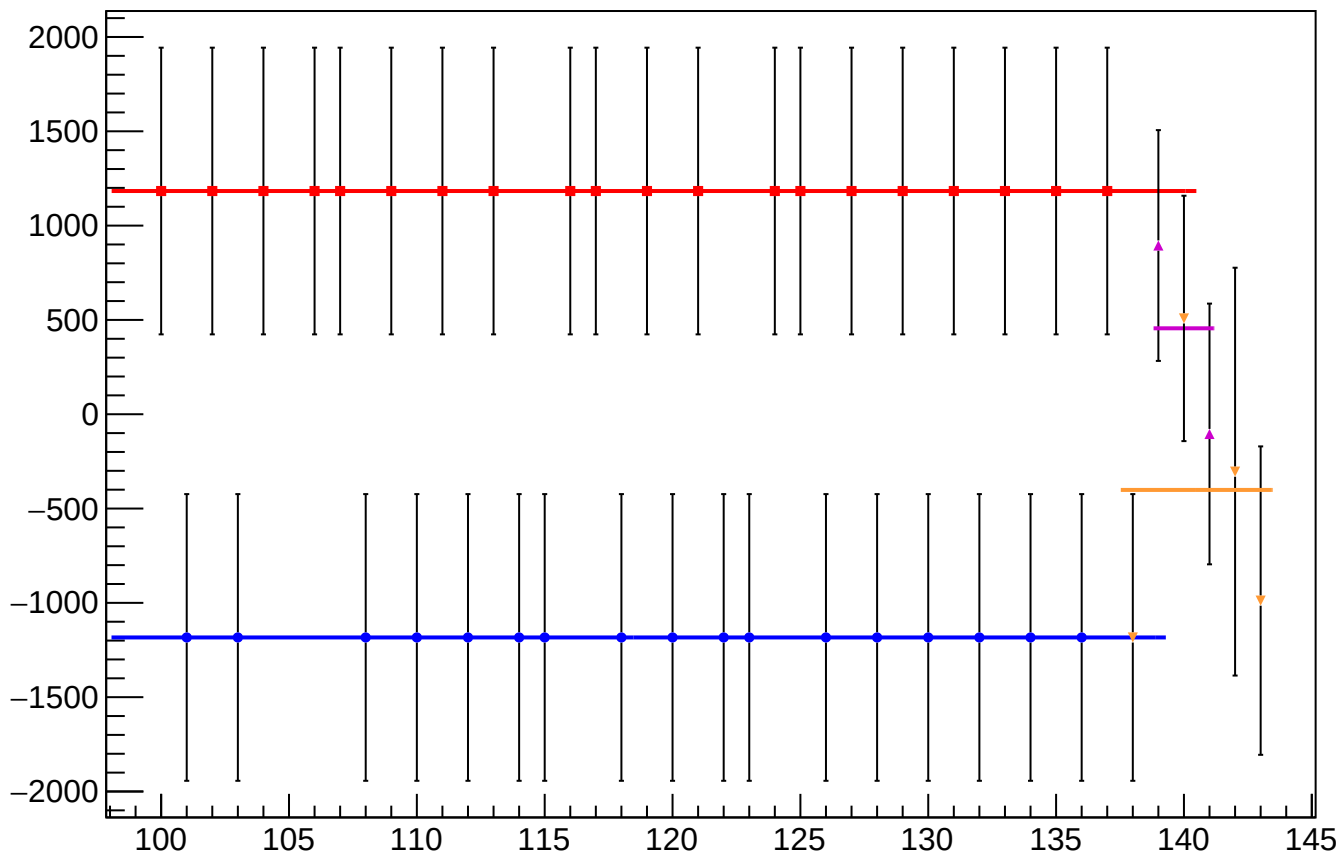
Left In: 593.146 $\pm$ 0.329 χ^2 /NDF:21488.5/1

659.892 $\pm$ 0.120 χ^2 /NDF: 30748.3/20

656.920 $\pm$ 0.083 χ^2 /NDF: 92507.5/42

654.212 $\pm$ 0.115 χ^2 /NDF: 60591.3/21

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -1183.379 ± 184.317 χ^2/NDF : 0.0/16

Left Out: -401.275 ± 393.841 χ^2/NDF : 3.5/3

Right Out: 1183.379 ± 169.932 χ^2/NDF : 0.0/19

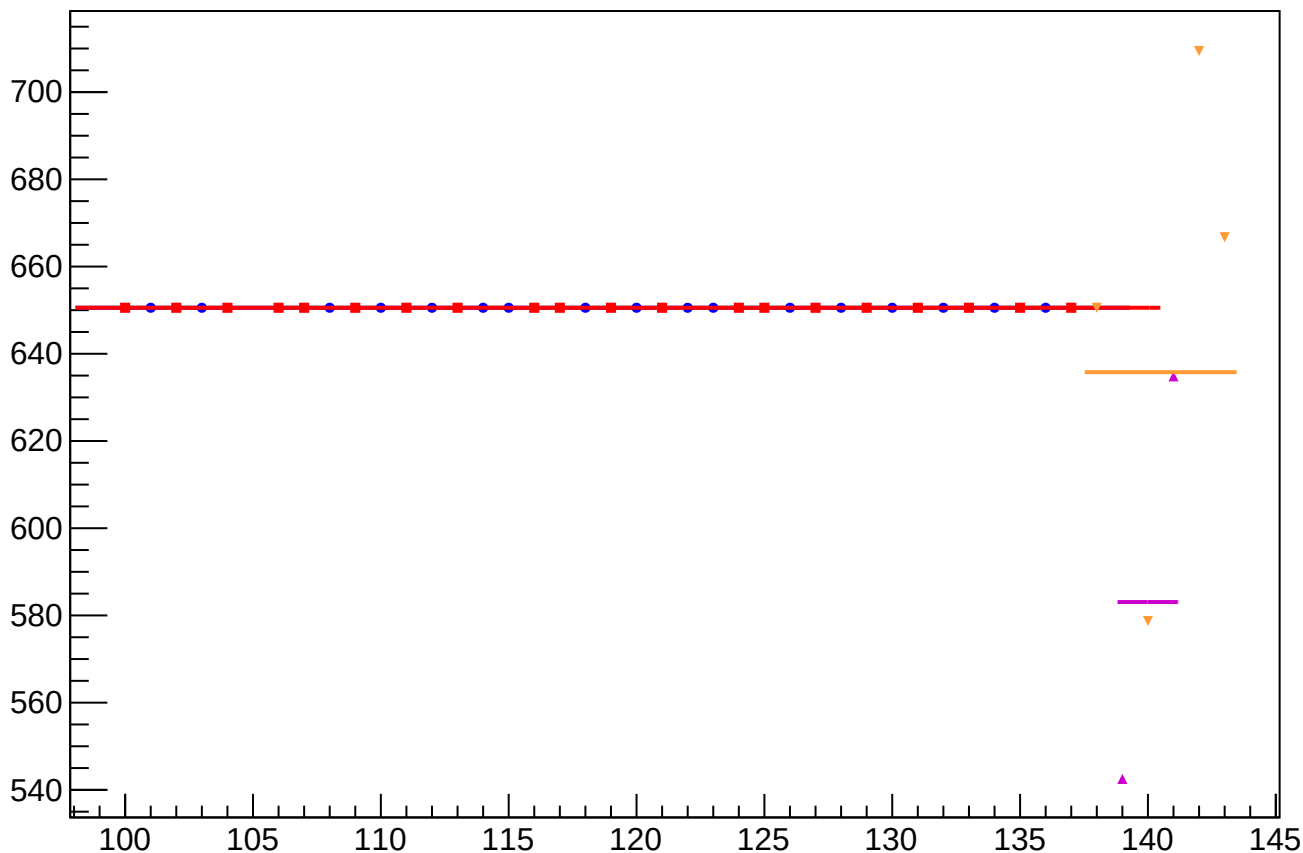
Left In: 455.557 ± 458.078 χ^2/NDF : 1.2/1

-1042.858 ± 166.940 χ^2/NDF : 6.8/20

76.132 ± 115.257 χ^2/NDF : 96.0/42

1095.335 ± 159.323 χ^2/NDF : 3.4/21

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 650.553 $\pm$ 0.130 χ^2 /NDF: 0.0/16

Left Out: 635.780 $\pm$ 0.278 χ^2 /NDF: 28294.3/3

Right Out: 650.553 $\pm$ 0.120 χ^2 /NDF: 0.0/19

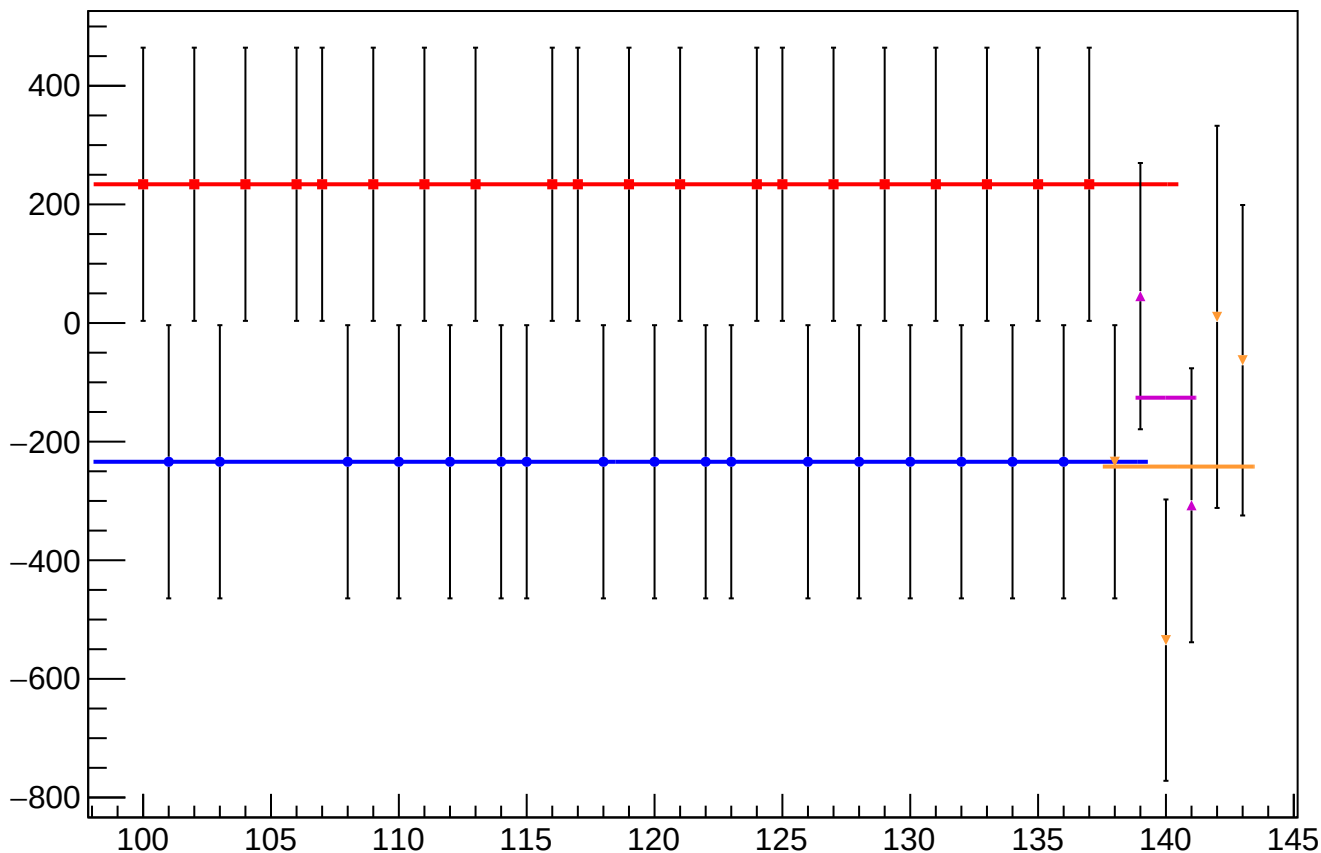
Left In: 583.070 $\pm$ 0.324 χ^2 /NDF: 20007.9/1

647.899 $\pm$ 0.118 χ^2 /NDF: 30602.6/20

645.016 $\pm$ 0.081 χ^2 /NDF: 89904.6/42

642.390 $\pm$ 0.113 χ^2 /NDF: 58162.1/21

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: -233.951+/-55.862 χ^2/NDF : 0.0/16

Left Out: -242.062+/-128.190 χ^2/NDF : 2.6/3

Right Out: 233.951+/-51.502 χ^2/NDF : 0.0/19

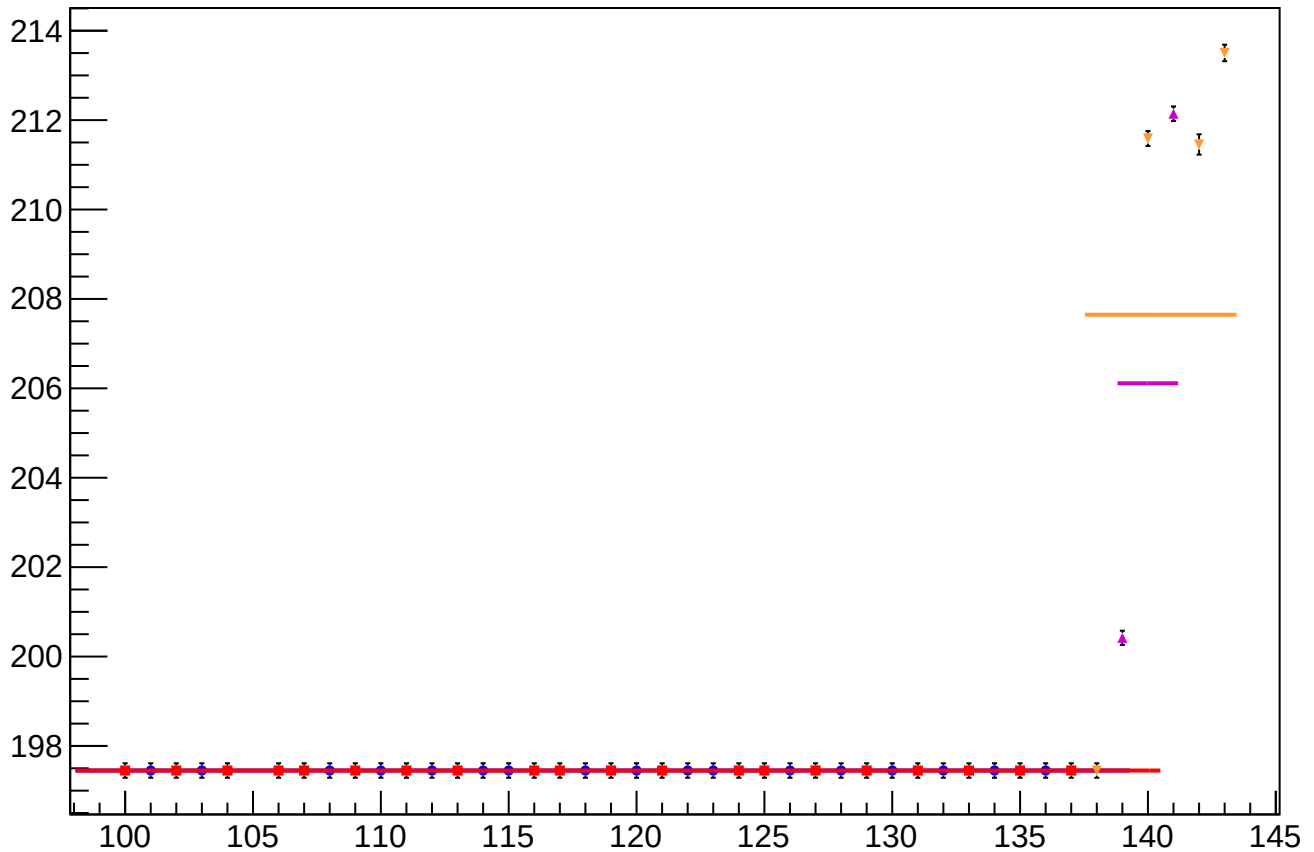
Left In: -125.919+/-160.980 χ^2/NDF : 1.2/1

-235.245+/-51.211 χ^2/NDF : 2.6/20

-7.980+/-35.424 χ^2/NDF : 46.1/42

200.537+/-49.053 χ^2/NDF : 5.7/21

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 197.450 $\pm$ 0.040 χ^2/NDF : 0.0/16

Left Out: 207.647 $\pm$ 0.091 χ^2/NDF : 5752.4/3

Right Out: 197.450 $\pm$ 0.036 χ^2/NDF : 0.0/19

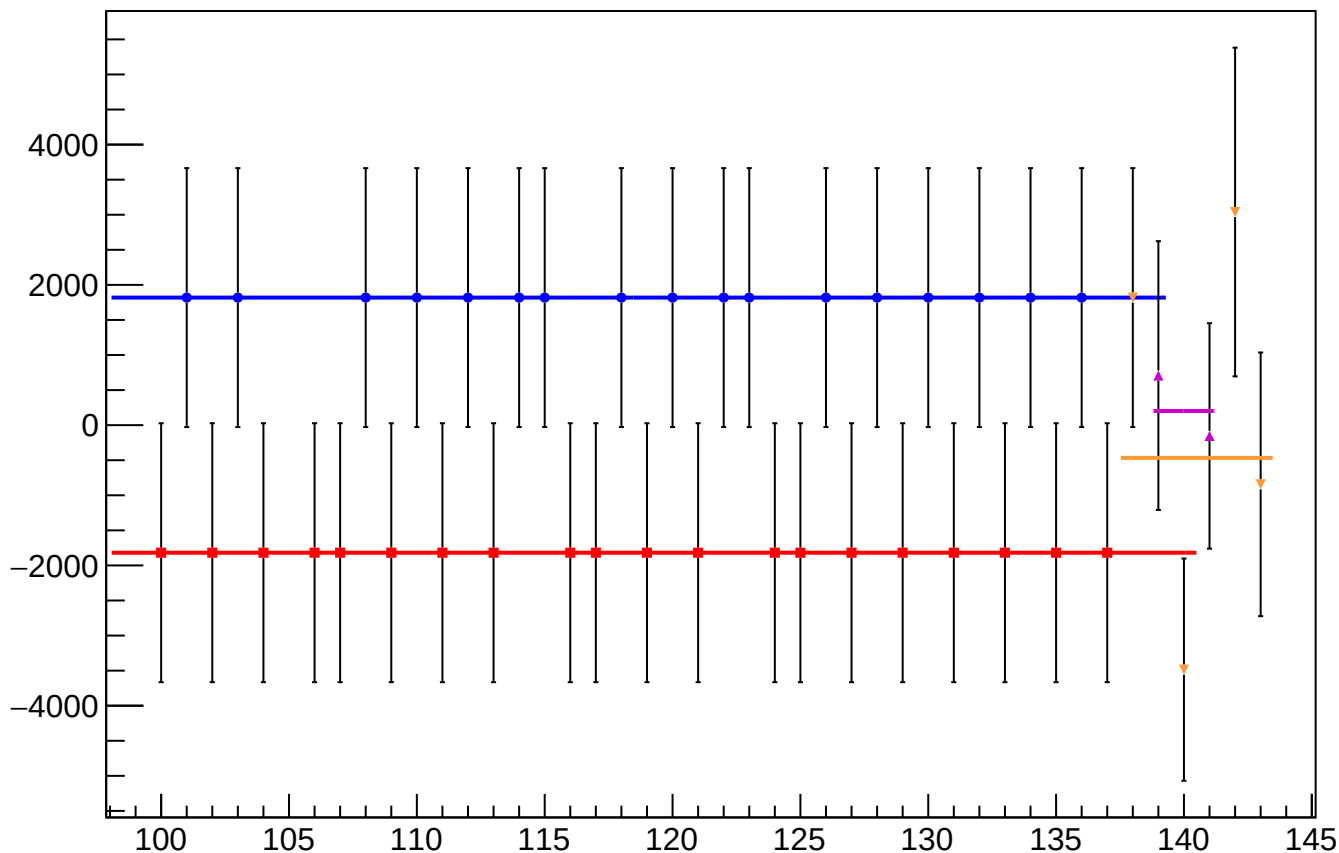
Left In: 206.113 $\pm$ 0.114 χ^2/NDF : 2649.7/1

199.078 $\pm$ 0.036 χ^2/NDF : 16387.1/20

198.649 $\pm$ 0.025 χ^2/NDF : 24560.2/42

198.255 $\pm$ 0.035 χ^2/NDF : 7903.7/21

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 1818.659 $\pm$ 447.705 χ^2/NDF : 0.0/16

Left Out: -466.674 $\pm$ 929.772 χ^2/NDF : 7.4/3

Right Out: -1818.659 $\pm$ 412.763 χ^2/NDF : 0.0/19

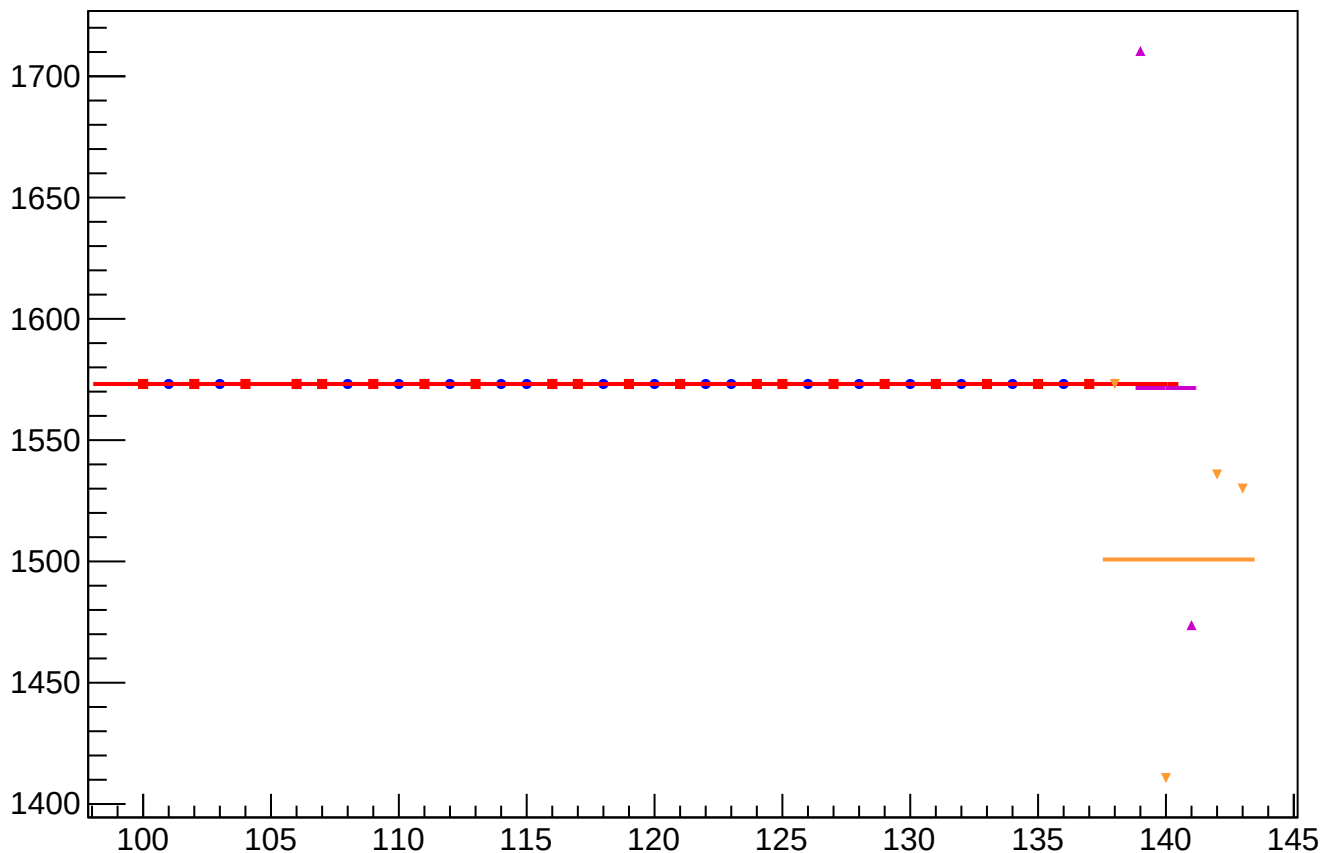
Left In: 201.814 $\pm$ 1231.408 χ^2/NDF : 0.1/1

1388.511 $\pm$ 403.376 χ^2/NDF : 12.3/20

-158.420 $\pm$ 280.886 χ^2/NDF : 43.4/42

-1614.576 $\pm$ 391.362 χ^2/NDF : 2.5/21

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 1573.153 $\pm$ 0.317 χ^2/NDF : 0.0/16

Left Out: 1500.796 $\pm$ 0.657 χ^2/NDF : 10469.4/3

Right Out: 1573.153 $\pm$ 0.292 χ^2/NDF : 0.0/19

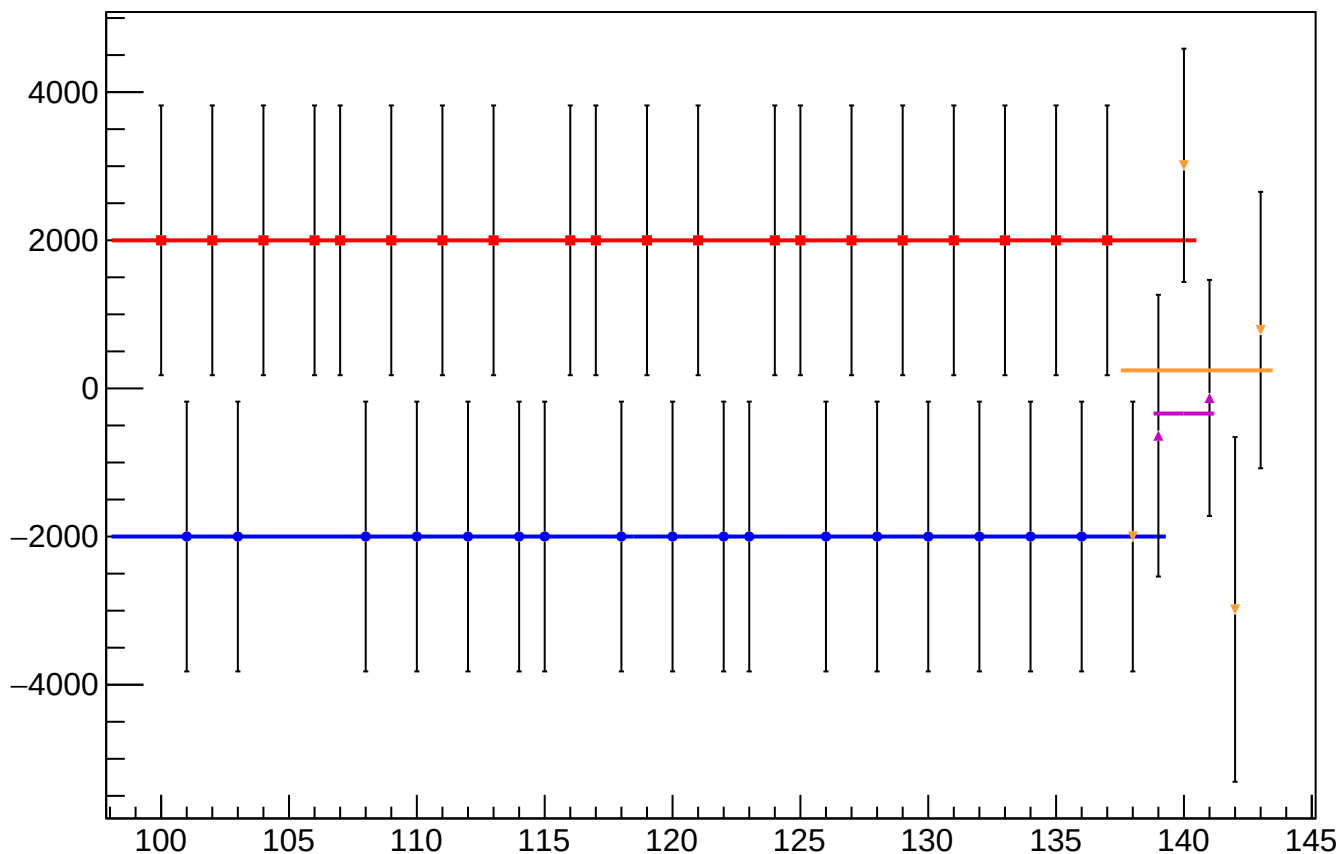
Left In: 1571.502 $\pm$ 0.871 χ^2/NDF : 17914.3/1

1559.534 $\pm$ 0.285 χ^2/NDF : 20302.2/20

1566.464 $\pm$ 0.199 χ^2/NDF : 39365.5/42

1572.987 $\pm$ 0.277 χ^2/NDF : 17917.5/21

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: -1999.222 $\pm$ 441.641 χ^2 /NDF: 0.0/16

Left Out: 243.772 $\pm$ 921.837 χ^2 /NDF:6.6/3

Right Out: 1999.222 $\pm$ 407.173 χ^2 /NDF: 0.0/19

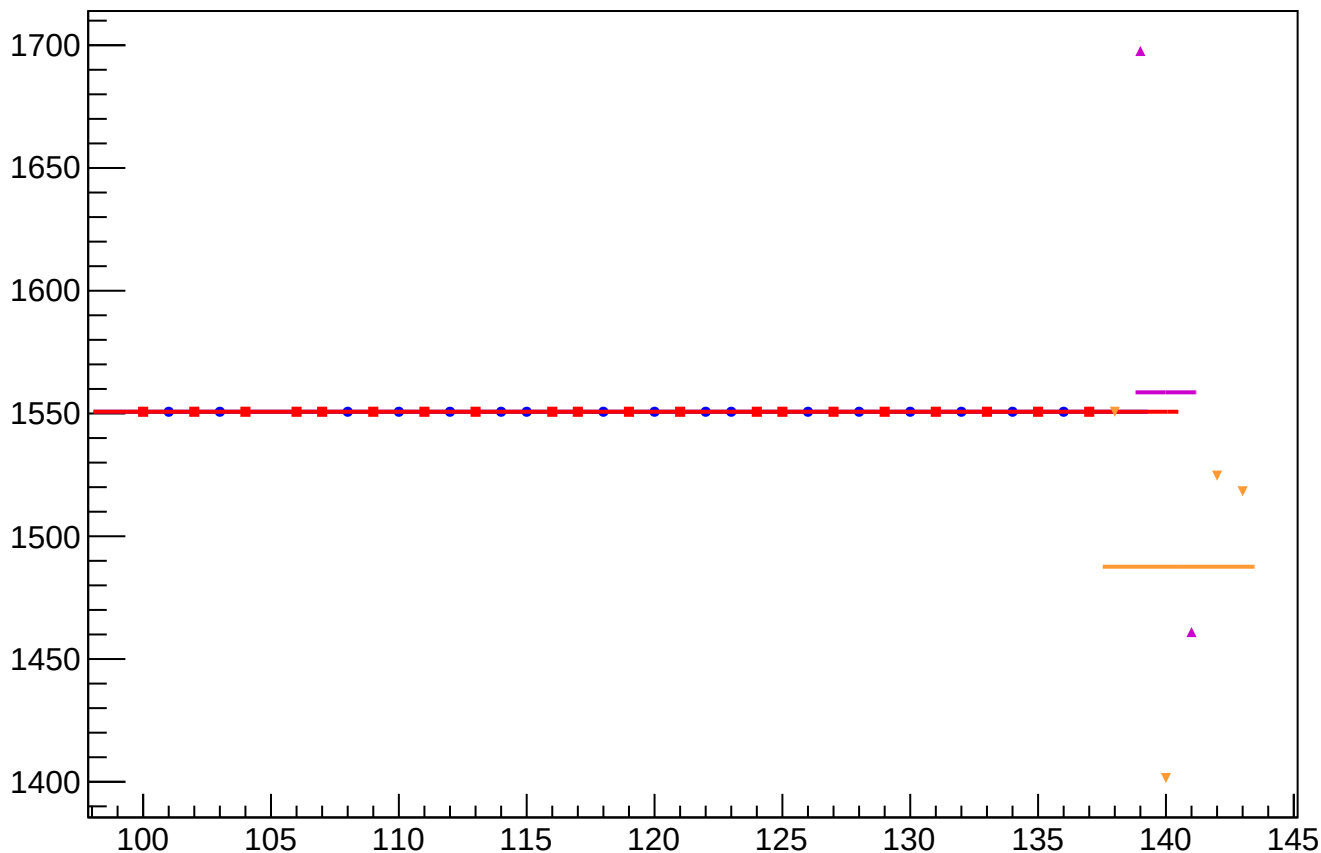
Left In: -338.883 $\pm$ 1221.461 χ^2 /NDF:0.0/1

-1580.505 $\pm$ 398.291 χ^2 /NDF: 11.4/20

143.671 $\pm$ 277.289 χ^2 /NDF: 51.1/42

1765.392 $\pm$ 386.276 χ^2 /NDF: 3.3/21

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 1550.714+/-0.312 χ^2/NDF : 0.0/16

Left Out: 1487.595+/-0.652 χ^2/NDF : 9428.7/3

Right Out: 1550.714+/-0.288 χ^2/NDF : 0.0/19

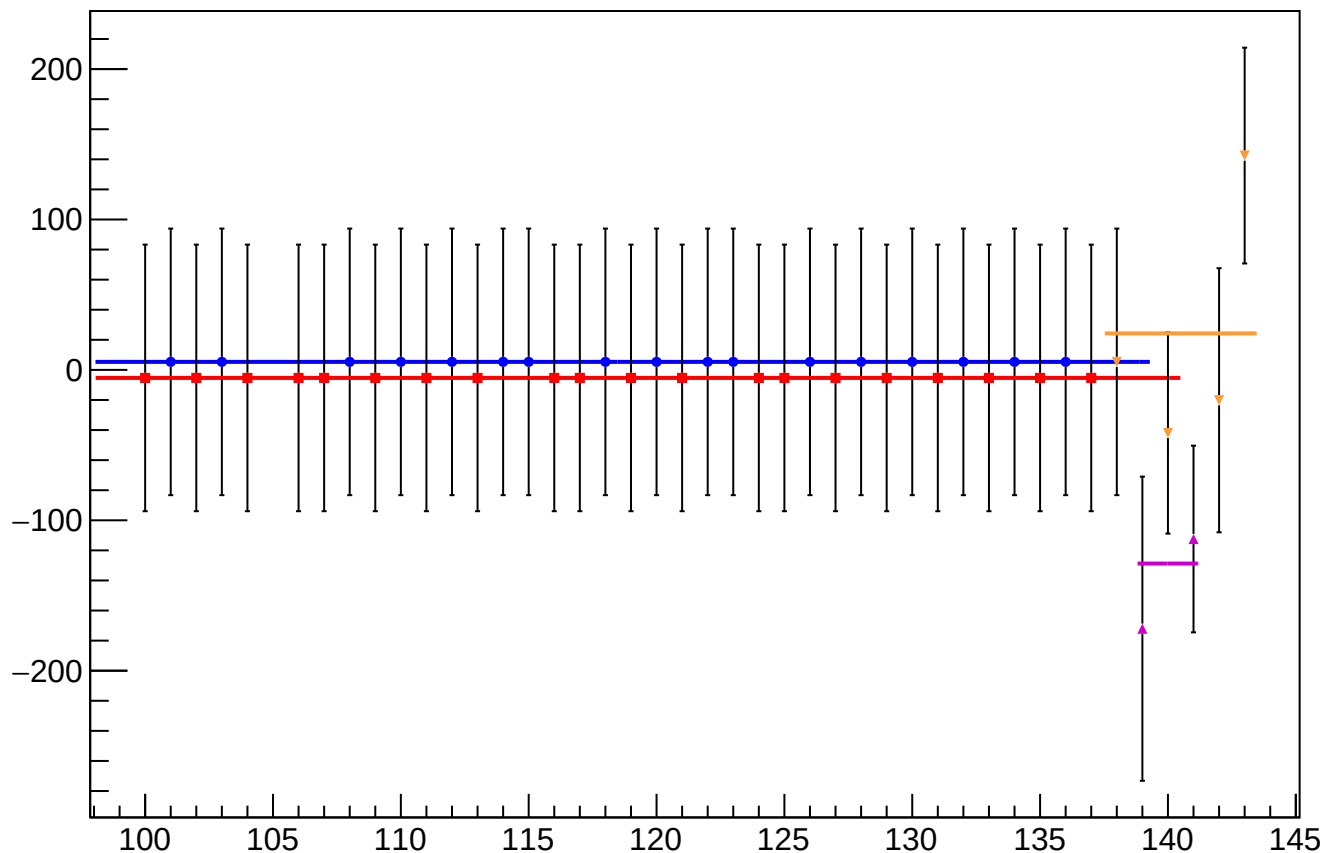
Left In: 1558.617+/-0.864 χ^2/NDF : 18196.7/1

1538.931+/-0.282 χ^2/NDF : 17054.9/20

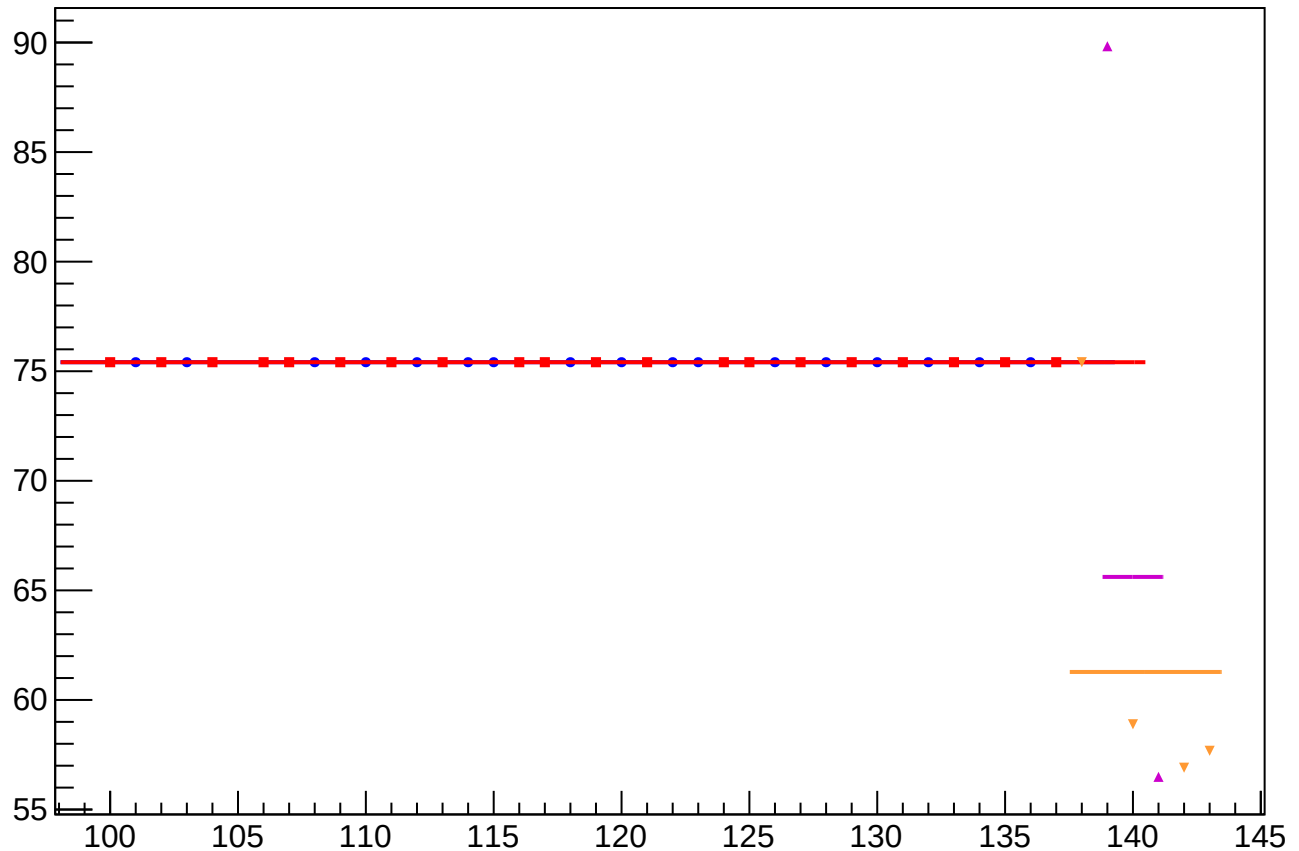
1545.410+/-0.196 χ^2/NDF : 36354.0/42

1551.505+/-0.273 χ^2/NDF : 18272.1/21

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 75.412 $\pm$ 0.015 χ^2 /NDF: 0.0/16

Left Out: 61.277 $\pm$ 0.027 χ^2 /NDF:63398.3/3

Right Out: 75.412 $\pm$ 0.014 χ^2 /NDF: 0.0/19

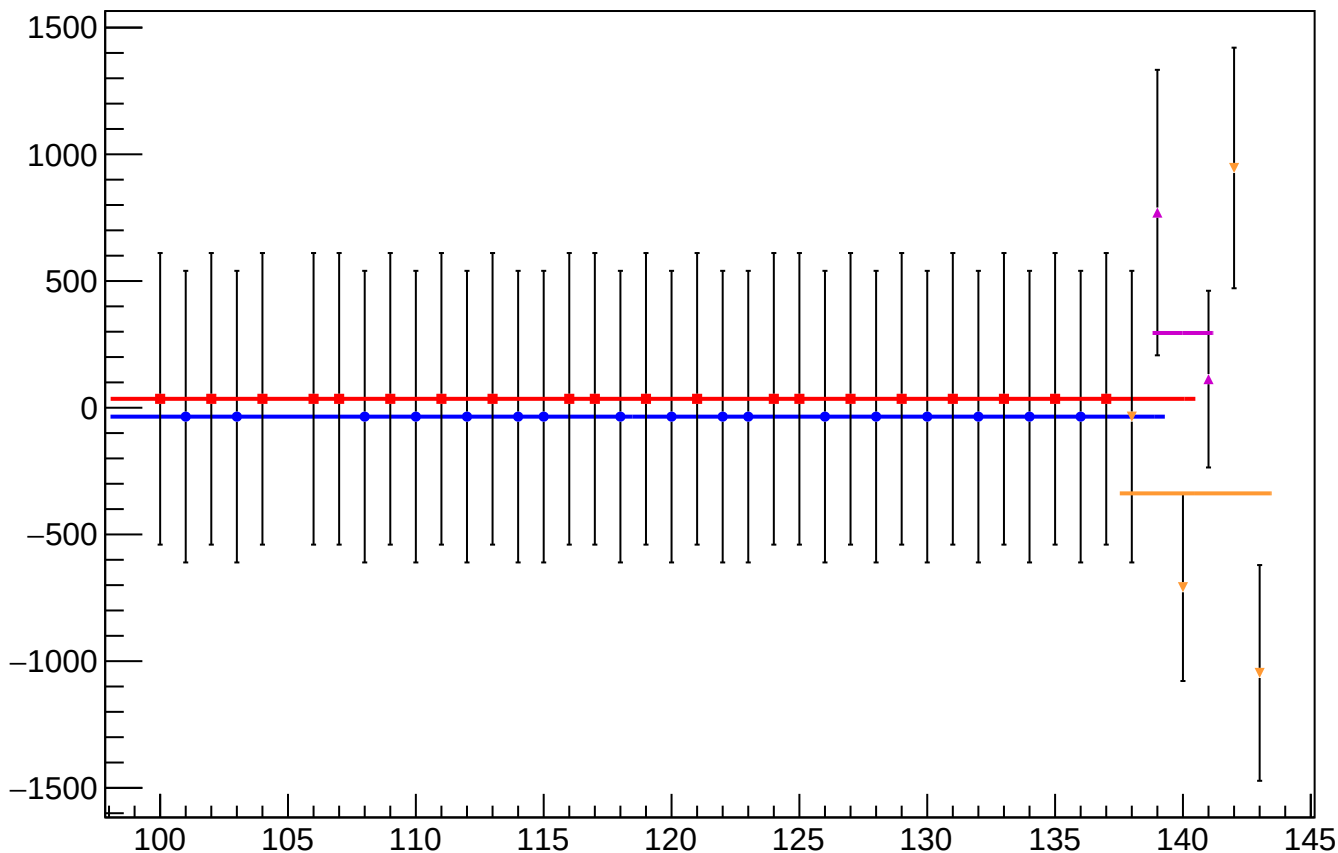
Left In: 65.614 $\pm$ 0.037 χ^2 /NDF:157914.3/1

72.052 $\pm$ 0.013 χ^2 /NDF: 268964.5/20

73.141 $\pm$ 0.009 χ^2 /NDF: 500370.4/42

74.206 $\pm$ 0.013 χ^2 /NDF: 218086.0/21

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -35.152 ± 139.538 χ^2/NDF : 0.0/16

Left Out: -337.918 ± 222.062 χ^2/NDF : 11.4/3

Right Out: 35.152 ± 128.648 χ^2/NDF : 0.0/19

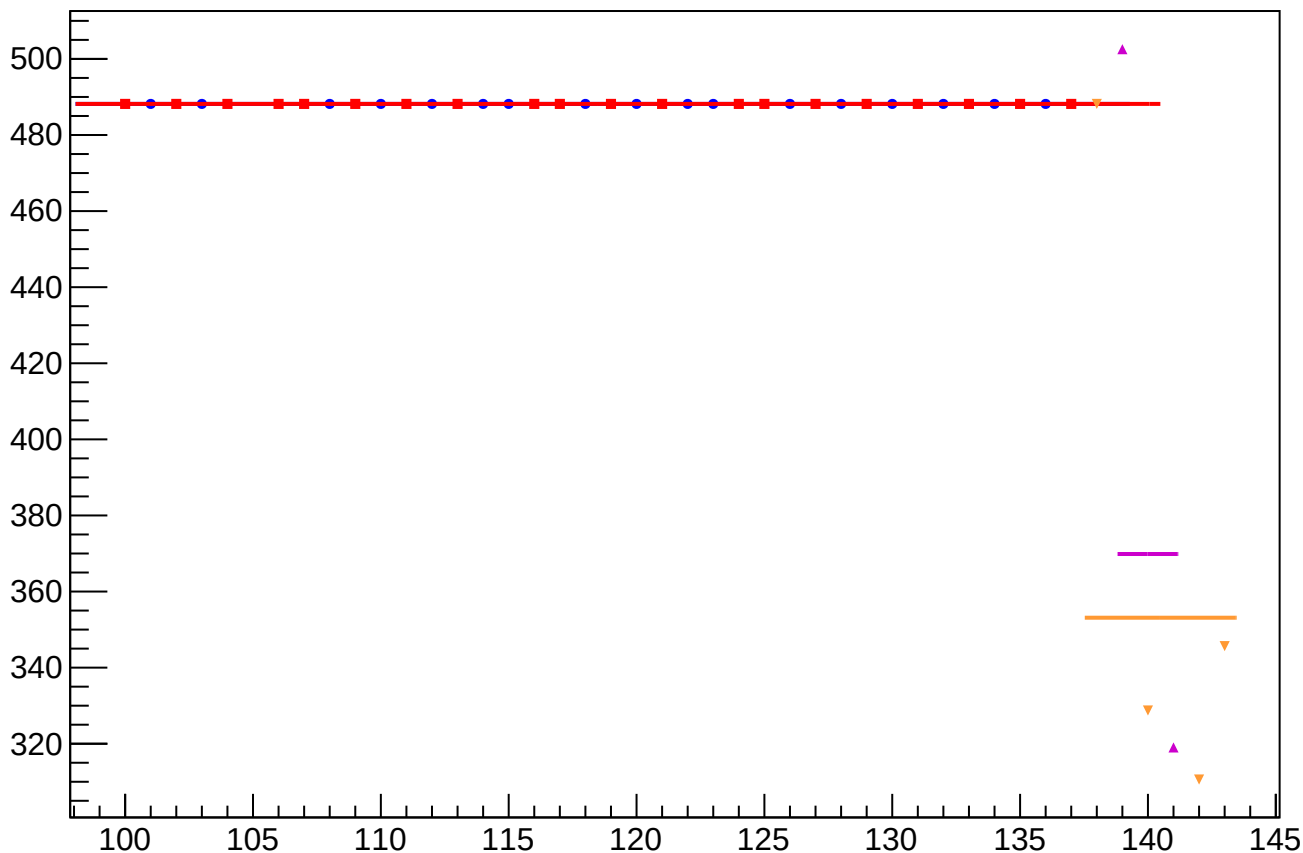
Left In: 294.981 ± 296.464 χ^2/NDF : 1.0/1

-120.858 ± 118.148 χ^2/NDF : 12.7/20

-22.155 ± 83.496 χ^2/NDF : 15.7/42

76.326 ± 118.015 χ^2/NDF : 1.6/21

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 488.174 $\pm$ 0.099 χ^2 /NDF: 0.0/16

Left Out: 353.122 $\pm$ 0.157 χ^2 /NDF:135557.9/3

Right Out: 488.174 $\pm$ 0.091 χ^2 /NDF: 0.0/19

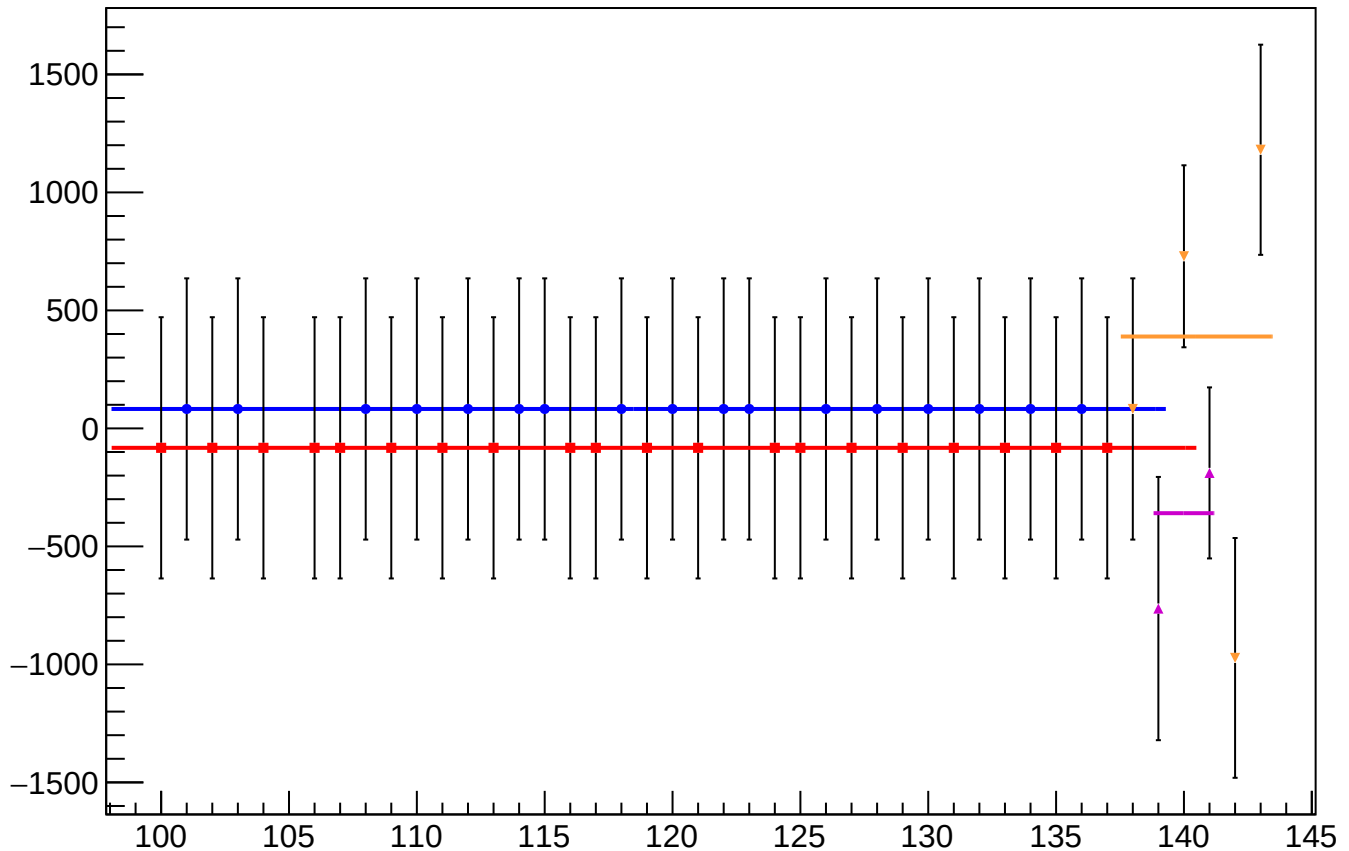
Left In: 369.869 $\pm$ 0.210 χ^2 /NDF:153523.4/1

449.943 $\pm$ 0.084 χ^2 /NDF: 665898.0/20

459.696 $\pm$ 0.059 χ^2 /NDF: 1114664.6/42

469.427 $\pm$ 0.083 χ^2 /NDF: 421542.5/21

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 82.340 ± 134.241 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 389.314 ± 229.984 $\chi^2/\text{NDF}: 11.4/3$

Right Out: -82.340 ± 123.764 $\chi^2/\text{NDF}: 0.0/19$

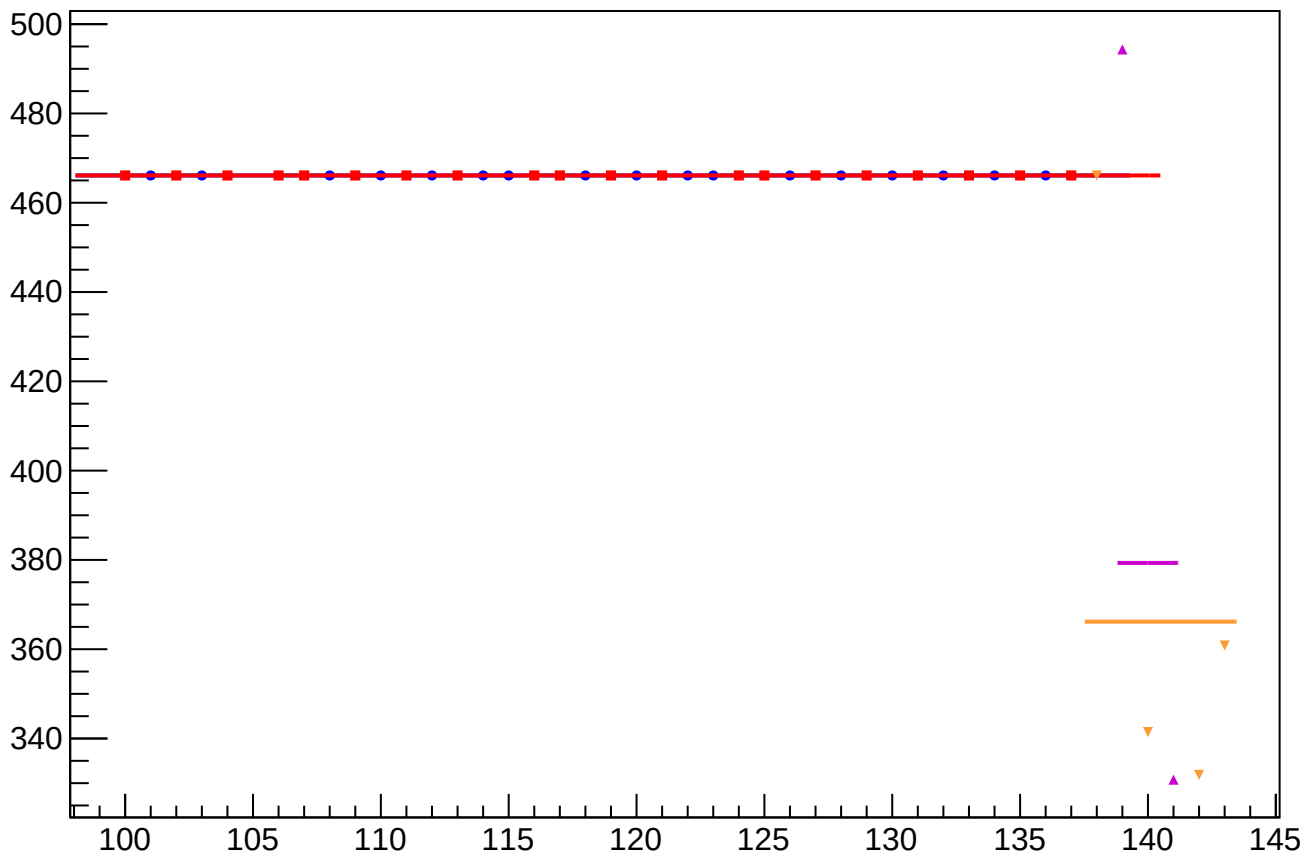
Left In: -359.246 ± 303.878 $\chi^2/\text{NDF}: 0.7/1$

160.349 ± 115.936 $\chi^2/\text{NDF}: 12.8/20$

17.698 ± 81.511 $\chi^2/\text{NDF}: 17.2/42$

-121.738 ± 114.622 $\chi^2/\text{NDF}: 1.5/21$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 466.112 $\pm$ 0.095 χ^2 /NDF: 0.0/16

Left Out: 366.172 $\pm$ 0.163 χ^2 /NDF: 82847.2/3

Right Out: 466.112 $\pm$ 0.088 χ^2 /NDF: 0.0/19

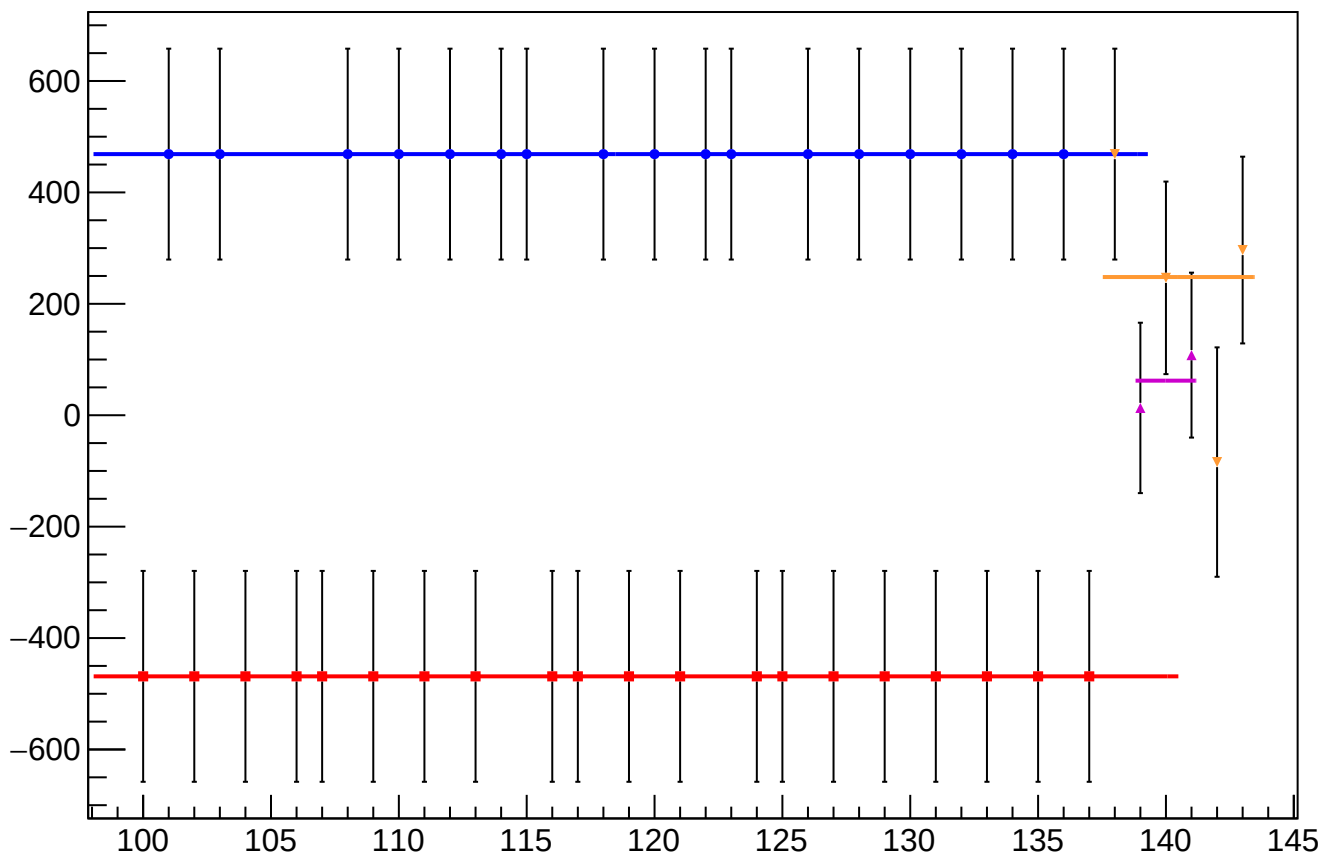
Left In: 379.331 $\pm$ 0.215 χ^2 /NDF: 120931.7/1

440.715 $\pm$ 0.082 χ^2 /NDF: 364539.8/20

447.314 $\pm$ 0.058 χ^2 /NDF: 638189.0/42

453.765 $\pm$ 0.081 χ^2 /NDF: 260835.0/21

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 468.736 ± 45.908 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 248.078 ± 91.072 $\chi^2/\text{NDF}: 4.0/3$

Right Out: -468.736 ± 42.325 $\chi^2/\text{NDF}: 0.0/19$

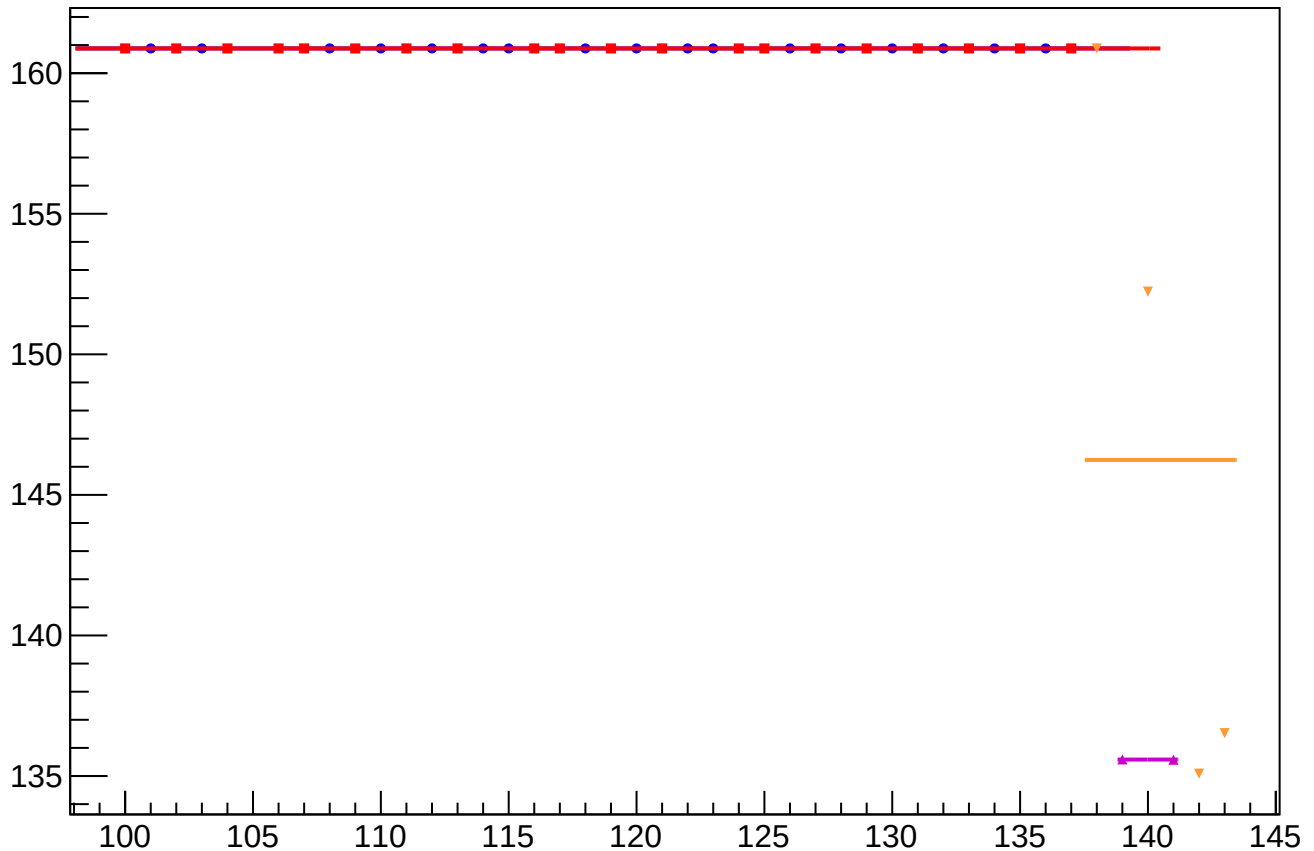
Left In: 62.066 ± 106.366 $\chi^2/\text{NDF}: 0.2/1$

424.027 ± 40.994 $\chi^2/\text{NDF}: 8.7/20$

-3.103 ± 28.379 $\chi^2/\text{NDF}: 238.9/42$

-396.178 ± 39.326 $\chi^2/\text{NDF}: 21.7/21$

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 160.881+/-0.032 χ^2/NDF : 0.0/16

Left Out: 146.243+/-0.064 χ^2/NDF :26960.0/3

Right Out: 160.881+/-0.030 χ^2/NDF : 0.0/19

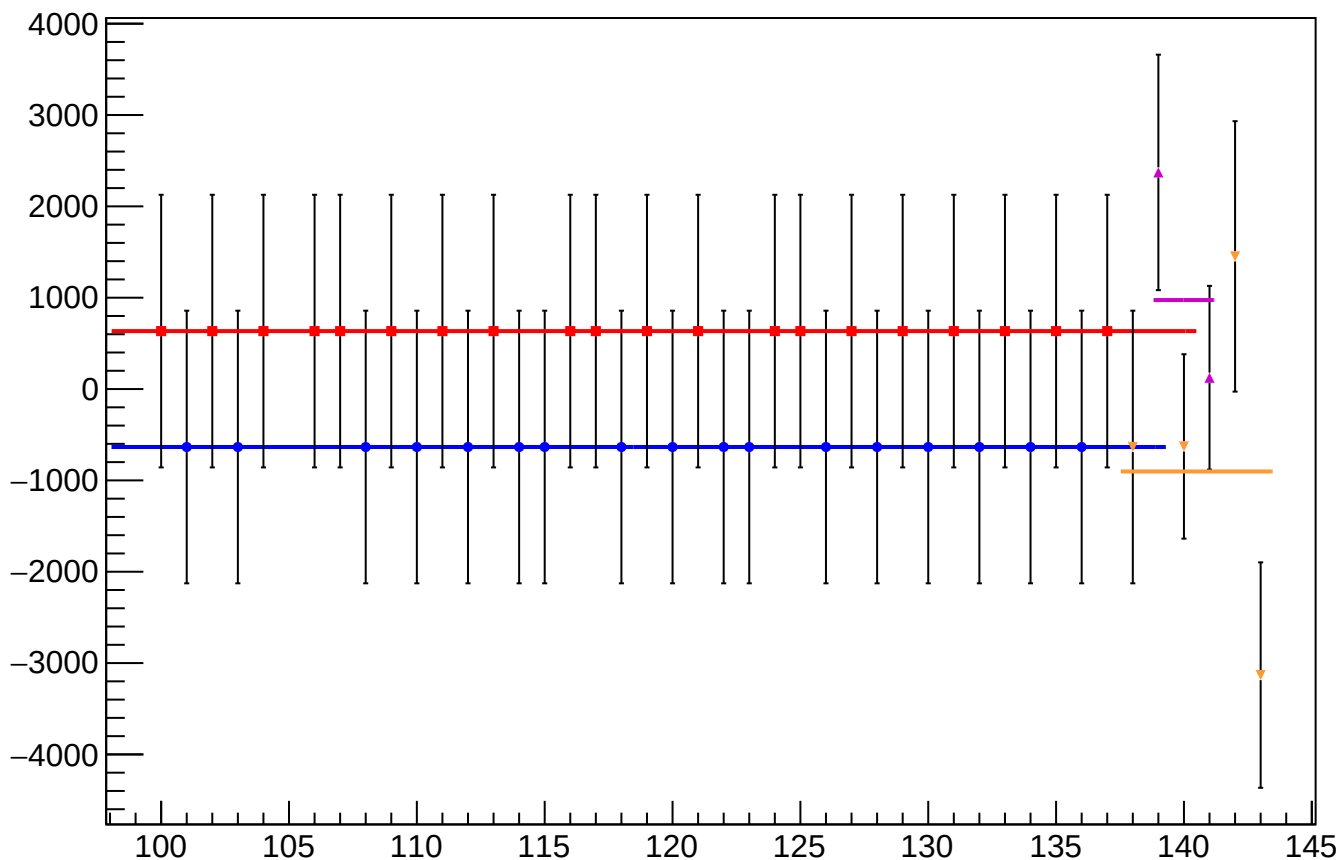
Left In: 135.585+/-0.075 χ^2/NDF :0.0/1

157.915+/-0.029 χ^2/NDF : 68159.6/20

157.659 $\pm$ 0.020 χ^2/NDF : 165961.7/42

157.423+/-0.028 χ^2/NDF : 97652.2/21

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -634.515+/-361.959 χ^2/NDF : 0.0/16

Left Out: -902.298+/-627.048 χ^2/NDF : 5.9/3

Right Out: 634.515+/-333.709 χ^2/NDF : 0.0/19

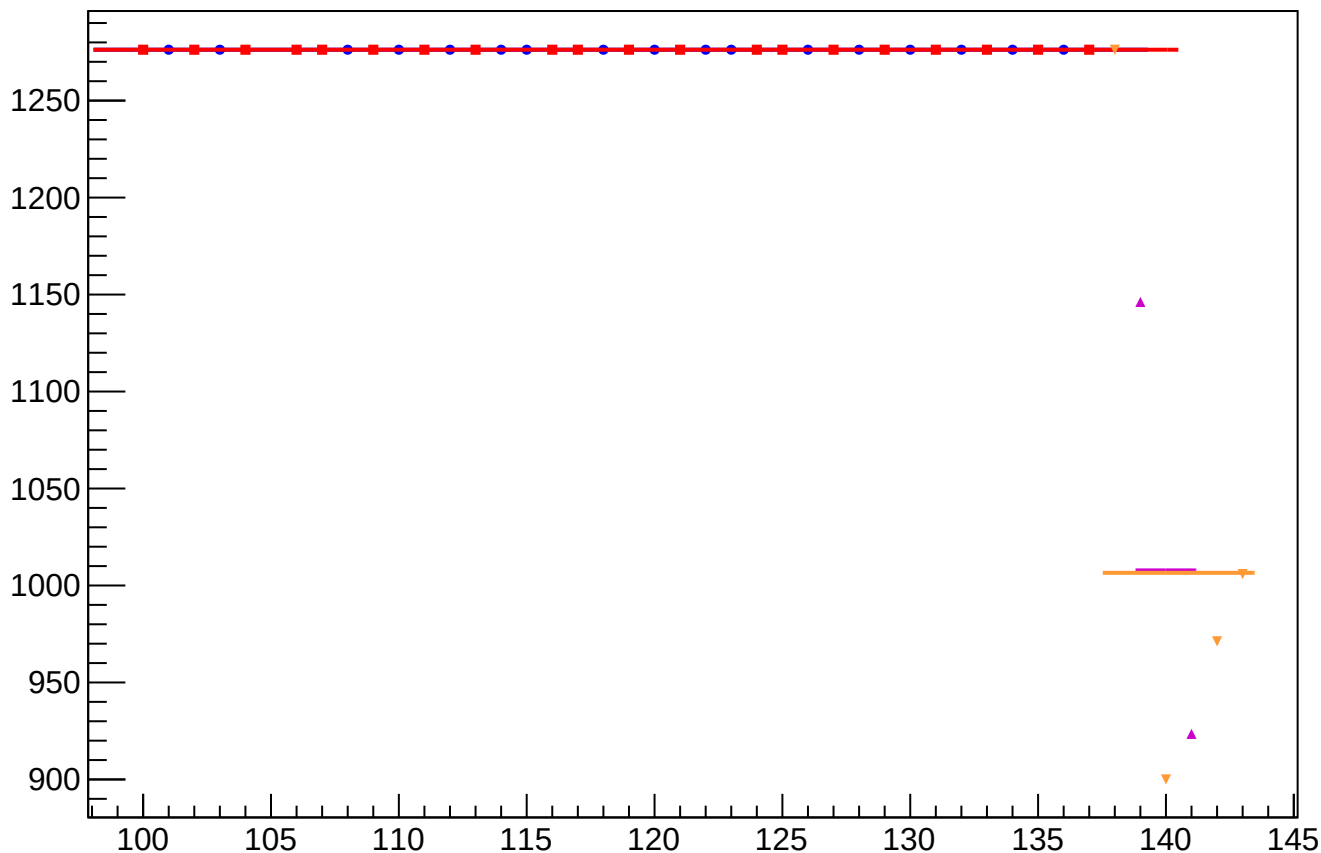
Left In: 974.445+/-792.851 χ^2/NDF : 1.9/1

-701.442+/-313.480 χ^2/NDF : 6.0/20

5.302+/-219.546 χ^2/NDF : 18.1/42

685.673+/-307.575 χ^2/NDF : 2.0/21

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1276.234 $\pm$ 0.256 χ^2 /NDF: 0.0/16

Left Out: 1006.538 $\pm$ 0.443 χ^2 /NDF: 88725.9/3

Right Out: 1276.234 $\pm$ 0.236 χ^2 /NDF: 0.0/19

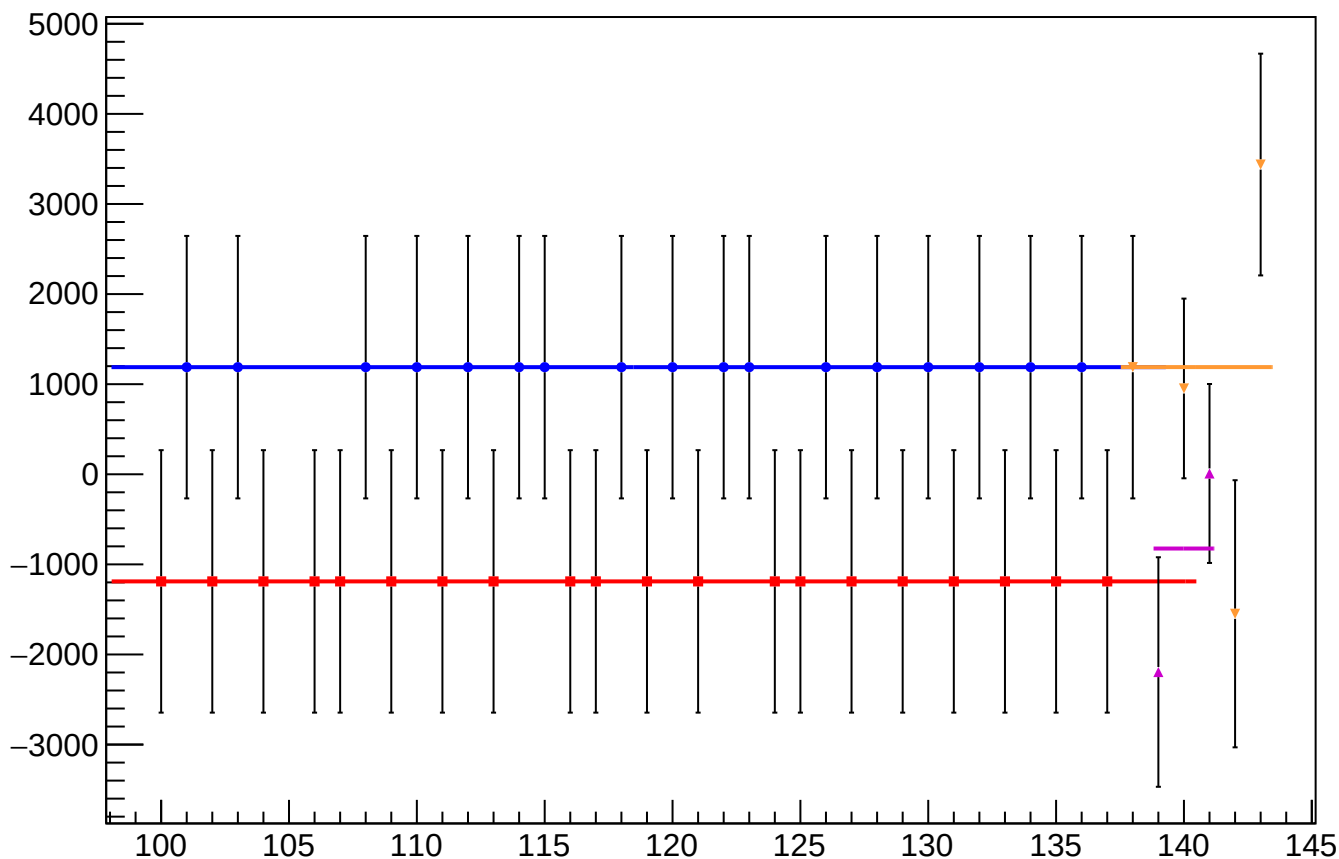
Left In: 1007.773 $\pm$ 0.561 χ^2 /NDF: 37111.7/1

1208.829 $\pm$ 0.222 χ^2 /NDF: 366238.3/20

1222.587 $\pm$ 0.155 χ^2 /NDF: 605706.3/42

1235.832 $\pm$ 0.217 χ^2 /NDF: 231906.7/21

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 1188.936 $\pm$ 353.273 χ^2 /NDF: 0.0/16

Left Out: 1189.599 $\pm$ 621.082 χ^2 /NDF:6.8/3

Right Out: -1188.936 $\pm$ 325.702 χ^2 /NDF: 0.0/19

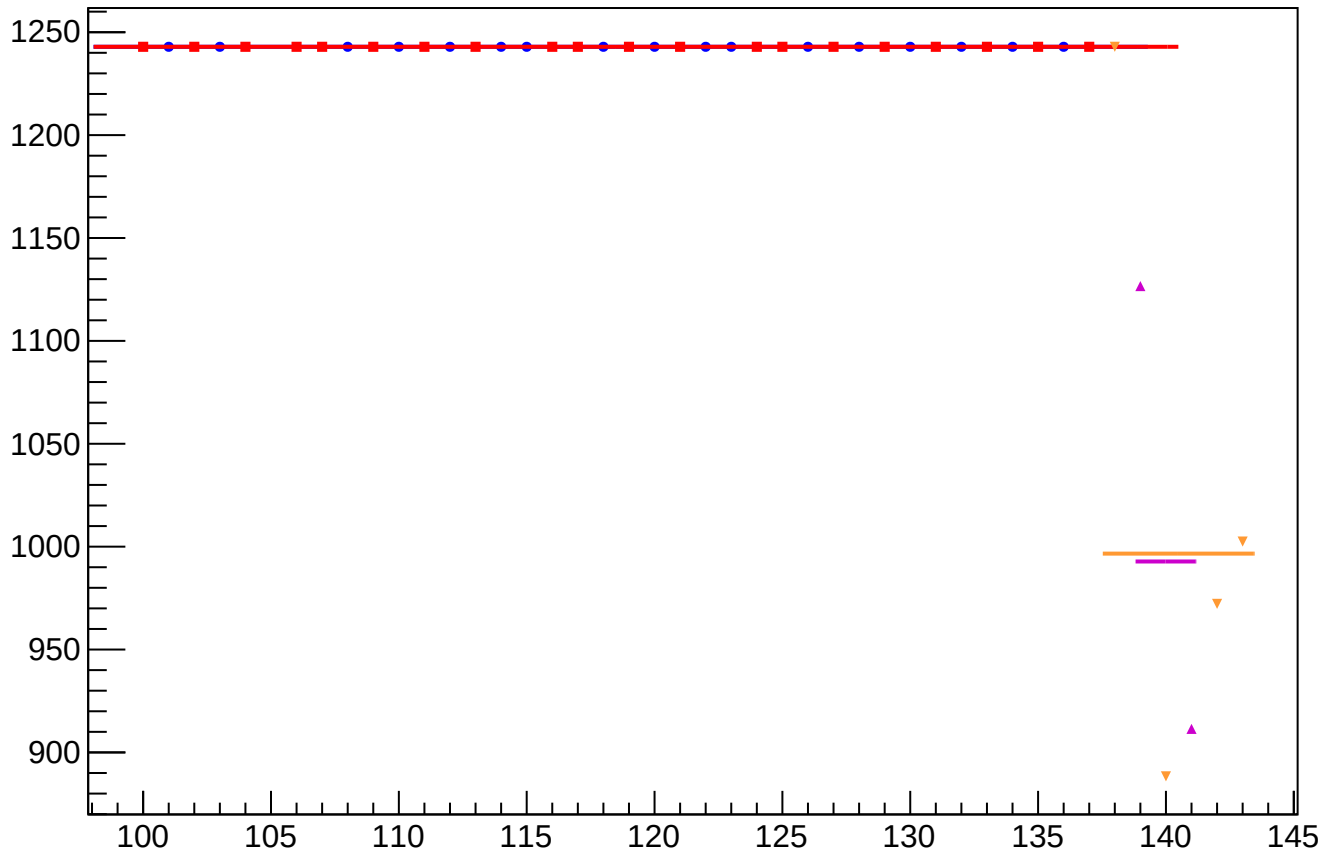
Left In: -824.121 $\pm$ 783.204 χ^2 /NDF:1.9/1

1189.098 $\pm$ 307.074 χ^2 /NDF: 6.8/20

2.735 $\pm$ 214.858 χ^2 /NDF: 38.1/42

-1135.148 $\pm$ 300.734 χ^2 /NDF: 2.0/21

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1242.923+/-0.250 χ^2/NDF : 0.0/16

Left Out: 996.616+/-0.439 χ^2/NDF : 81342.4/3

Right Out: 1242.923+/-0.230 χ^2/NDF : 0.0/19

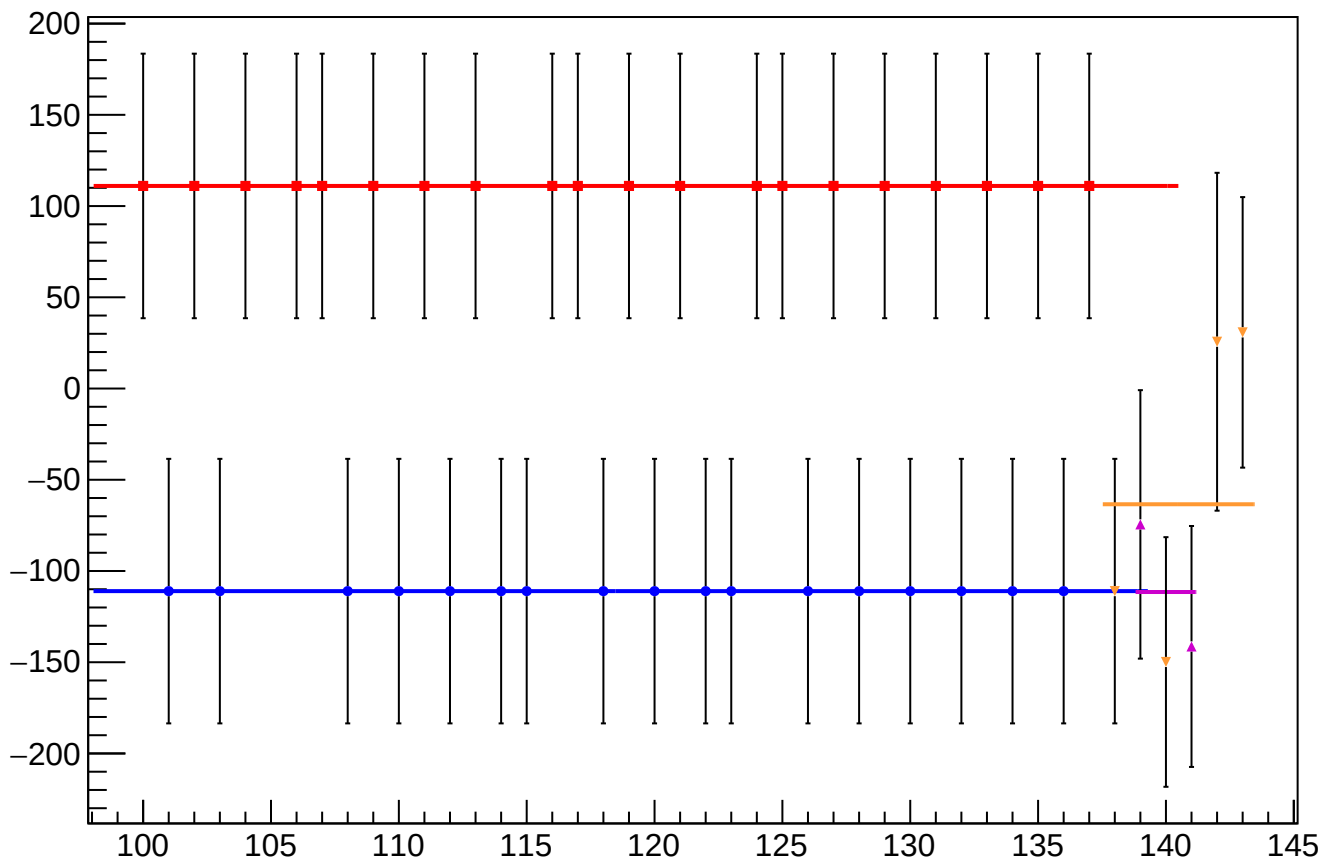
Left In: 992.790+/-0.554 χ^2/NDF : 35496.0/1

1182.714+/-0.217 χ^2/NDF : 318999.5/20

1194.622+/-0.152 χ^2/NDF : 534307.0/42

1206.044+/-0.213 χ^2/NDF : 209414.9/21

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -111.027 ± 17.581 χ^2/NDF : 0.0/16

Left Out: -63.426 ± 37.726 χ^2/NDF : 4.6/3

Right Out: 111.027 ± 16.209 χ^2/NDF : 0.0/19

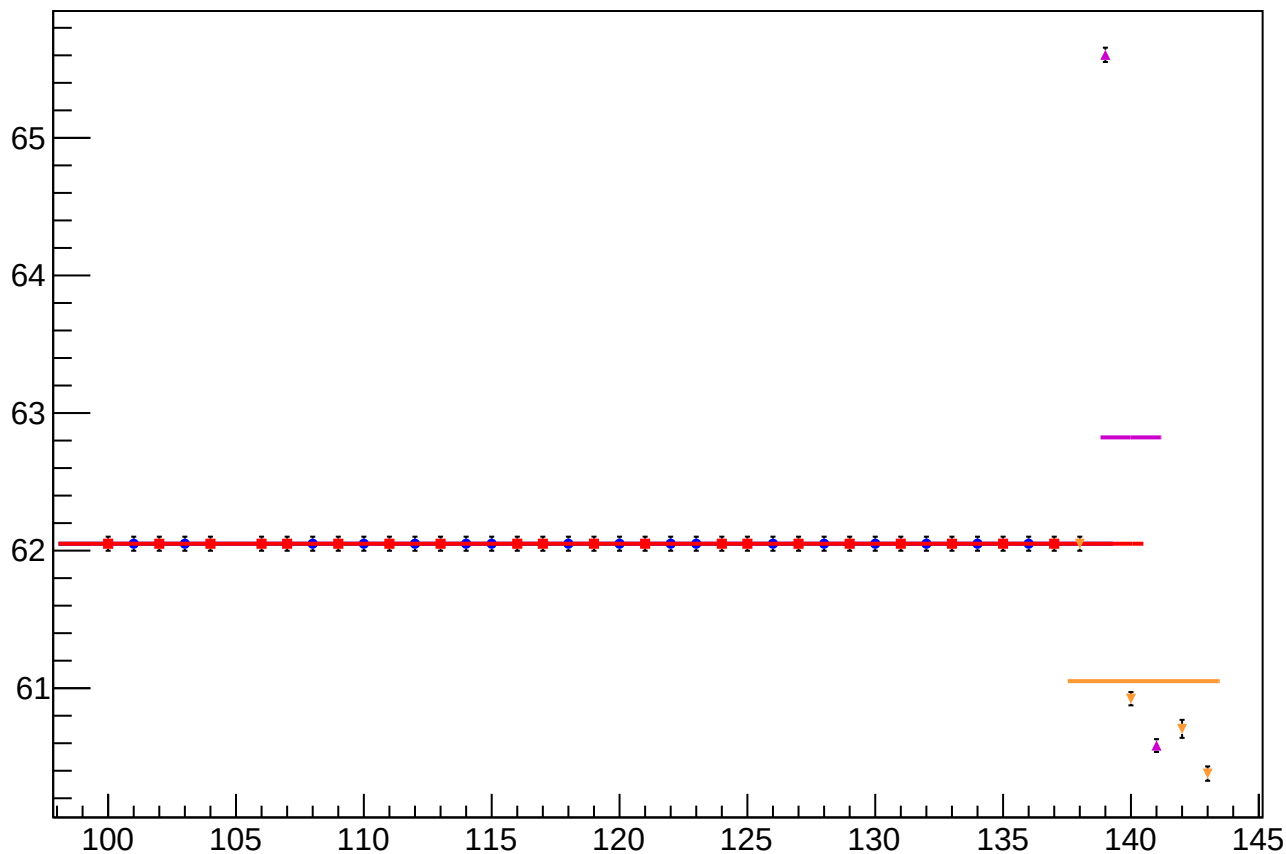
Left In: -111.514 ± 49.139 χ^2/NDF : 0.5/1

-102.533 ± 15.936 χ^2/NDF : 5.9/20

-3.354 ± 11.072 χ^2/NDF : 99.7/42

89.188 ± 15.393 χ^2/NDF : 19.0/21

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.050 $\pm$ 0.012 χ^2 /NDF: 0.0/16

Left Out: 61.051 $\pm$ 0.027 χ^2 /NDF: 579.1/3

Right Out: 62.050 $\pm$ 0.011 χ^2 /NDF: 0.0/19

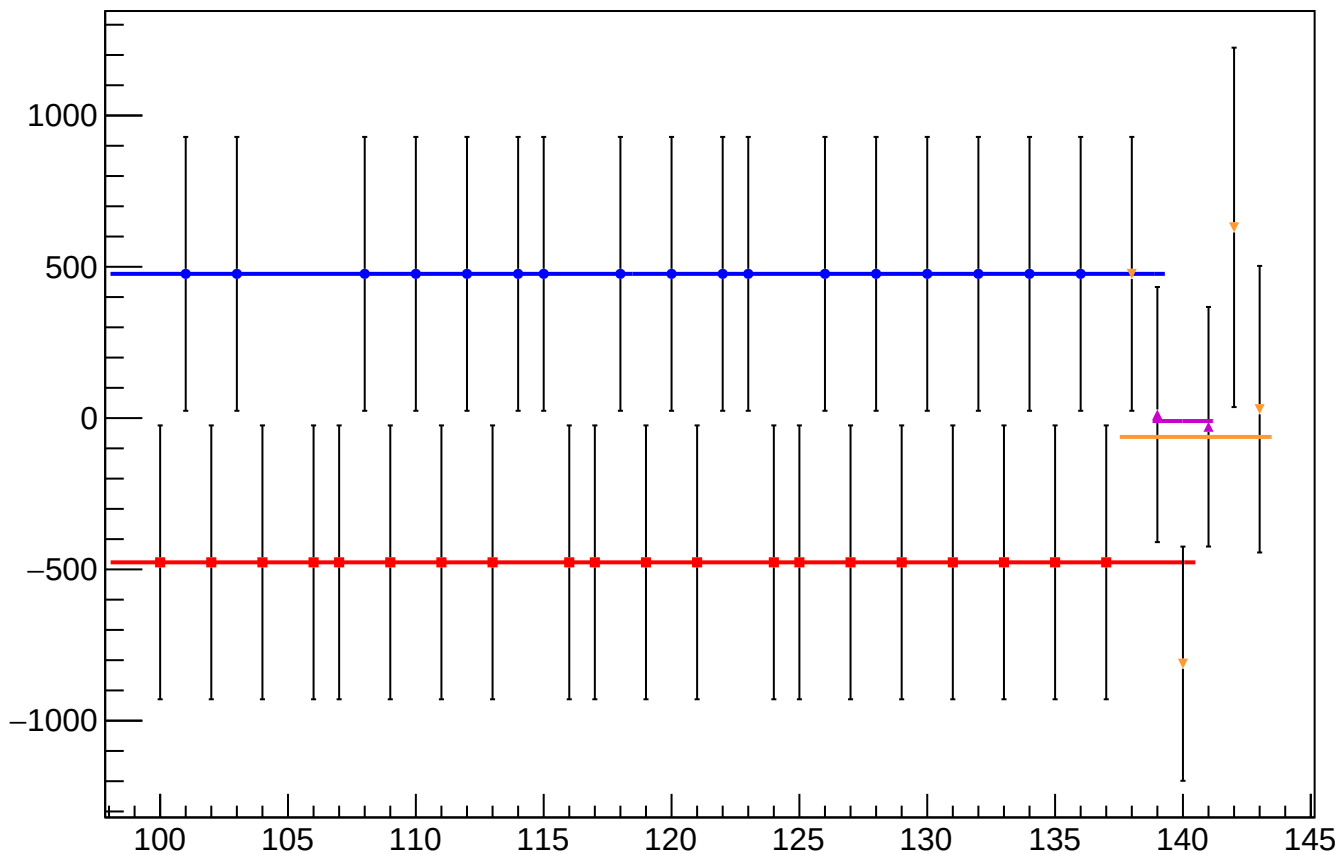
Left In: 62.823 $\pm$ 0.035 χ^2 /NDF: 5158.7/1

61.872 $\pm$ 0.011 χ^2 /NDF: 1730.8/20

62.003 $\pm$ 0.008 χ^2 /NDF: 7598.5/42

62.126 $\pm$ 0.011 χ^2 /NDF: 5604.8/21

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: 476.700 $\pm$ 109.759 χ^2 /NDF: 0.0/16

Left Out: -62.240 $\pm$ 230.291 χ^2 /NDF: 6.6/3

Right Out: -476.700 $\pm$ 101.193 χ^2 /NDF: 0.0/19

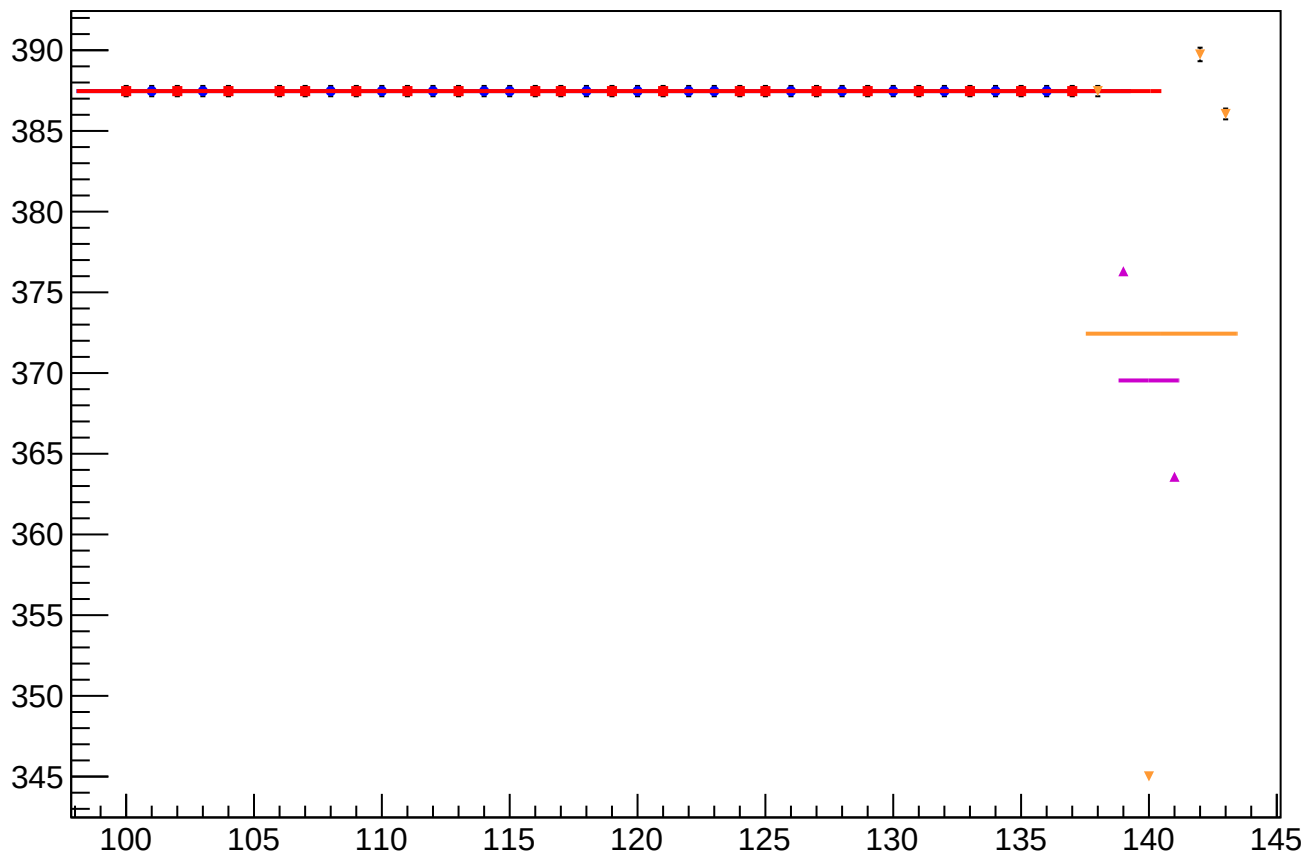
Left In: -9.709 $\pm$ 288.585 χ^2 /NDF: 0.0/1

376.938 $\pm$ 99.081 χ^2 /NDF: 11.0/20

-39.111 $\pm$ 68.757 χ^2 /NDF: 47.4/42

-425.567 $\pm$ 95.492 χ^2 /NDF: 2.3/21

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 387.468 ± 0.078 χ^2/NDF : 0.0/16

Left Out: 372.440 ± 0.163 χ^2/NDF : 15602.3/3

Right Out: 387.468 ± 0.072 χ^2/NDF : 0.0/19

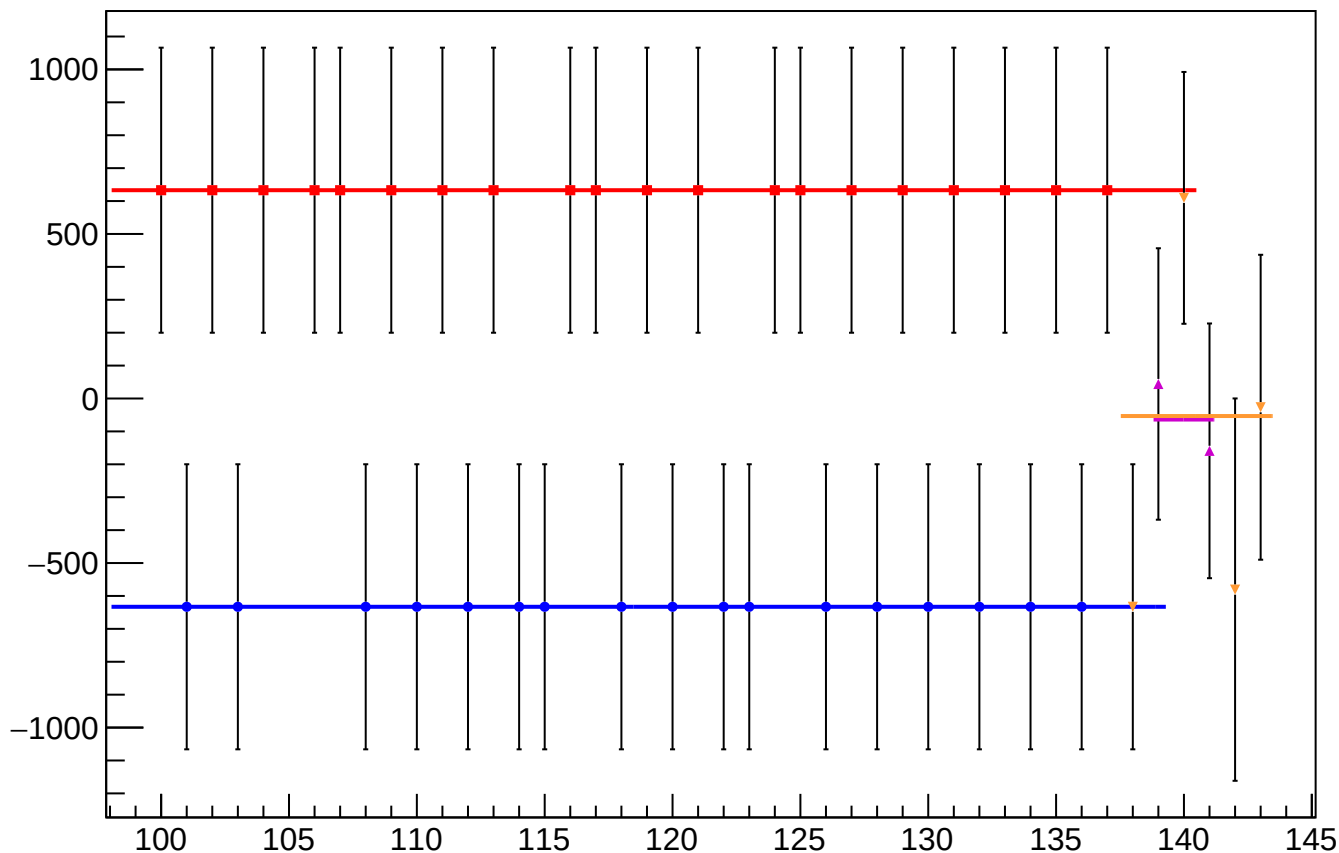
Left In: 369.541 ± 0.204 χ^2/NDF : 969.4/1

384.686 ± 0.070 χ^2/NDF : 22542.5/20

385.110 ± 0.049 χ^2/NDF : 30455.3/42

385.505 ± 0.068 χ^2/NDF : 7842.0/21

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -632.956 ± 105.052 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -53.293 ± 224.835 $\chi^2/\text{NDF}: 5.6/3$

Right Out: 632.956 ± 96.854 $\chi^2/\text{NDF}: 0.0/19$

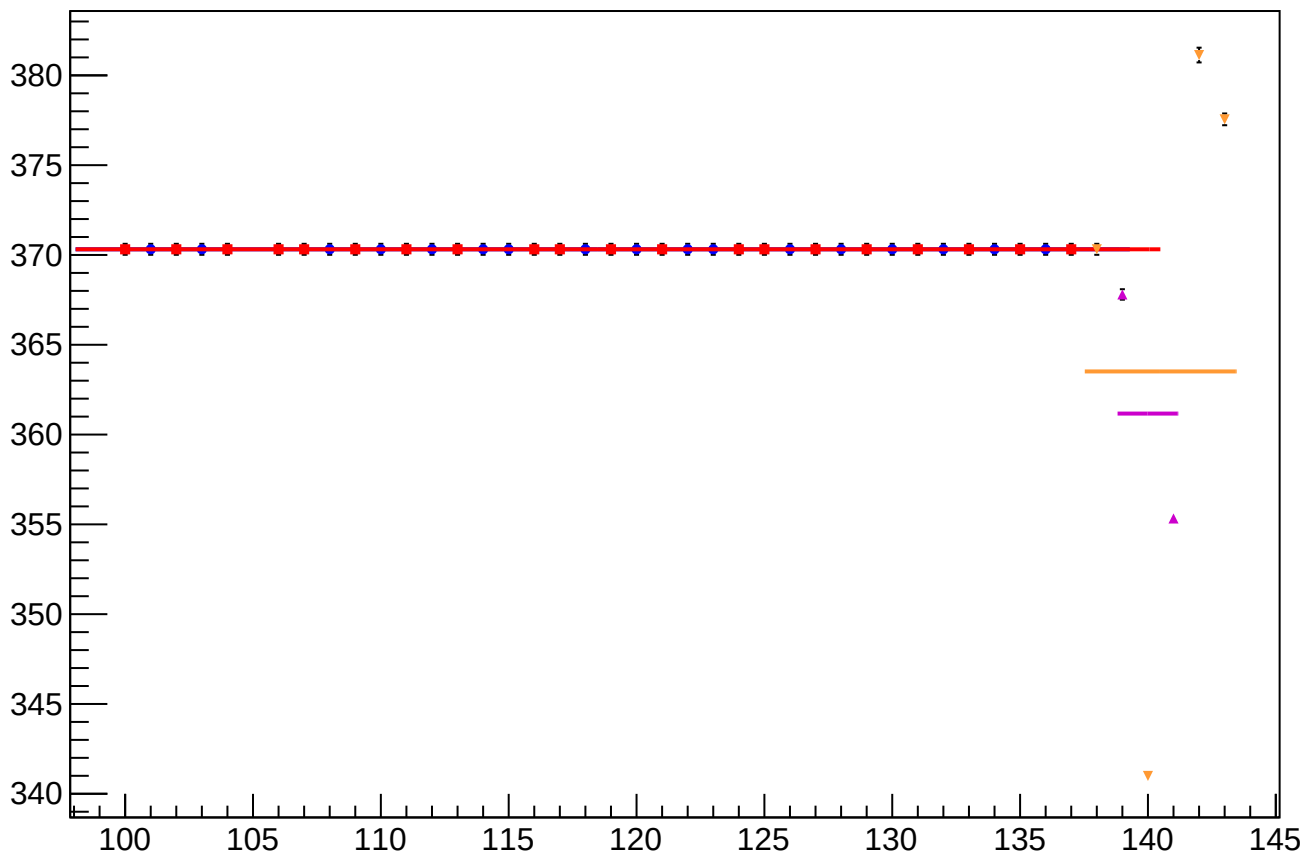
Left In: -63.929 ± 282.225 $\chi^2/\text{NDF}: 0.1/1$

-529.084 ± 95.176 $\chi^2/\text{NDF}: 11.1/20$

36.002 ± 66.002 $\chi^2/\text{NDF}: 84.6/42$

559.530 ± 91.609 $\chi^2/\text{NDF}: 5.6/21$

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 370.315+/-0.074 χ^2/NDF : 0.0/16

Left Out: 363.515+/-0.159 χ^2/NDF :11097.0/3

Right Out: 370.315+/-0.068 χ^2/NDF : 0.0/19

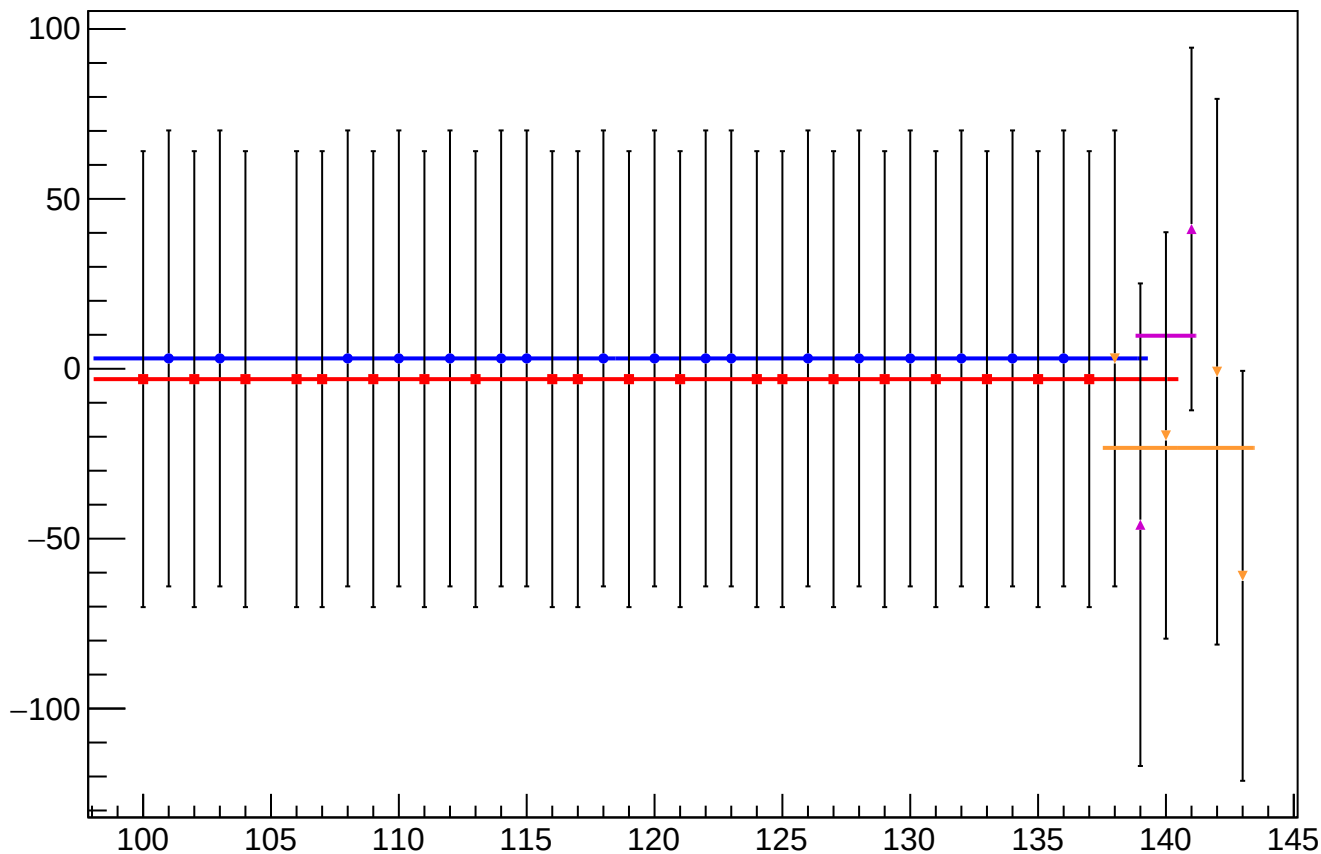
Left In: 361.169+/-0.200 χ^2/NDF :972.7/1

369.097+/-0.067 χ^2/NDF : 12598.8/20

369.229+/-0.047 χ^2/NDF : 15458.4/42

369.352+/-0.065 χ^2/NDF : 2852.1/21

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 3.051 ± 16.273 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -23.283 ± 32.764 $\chi^2/\text{NDF}: 0.6/3$

Right Out: -3.051 ± 15.003 $\chi^2/\text{NDF}: 0.0/19$

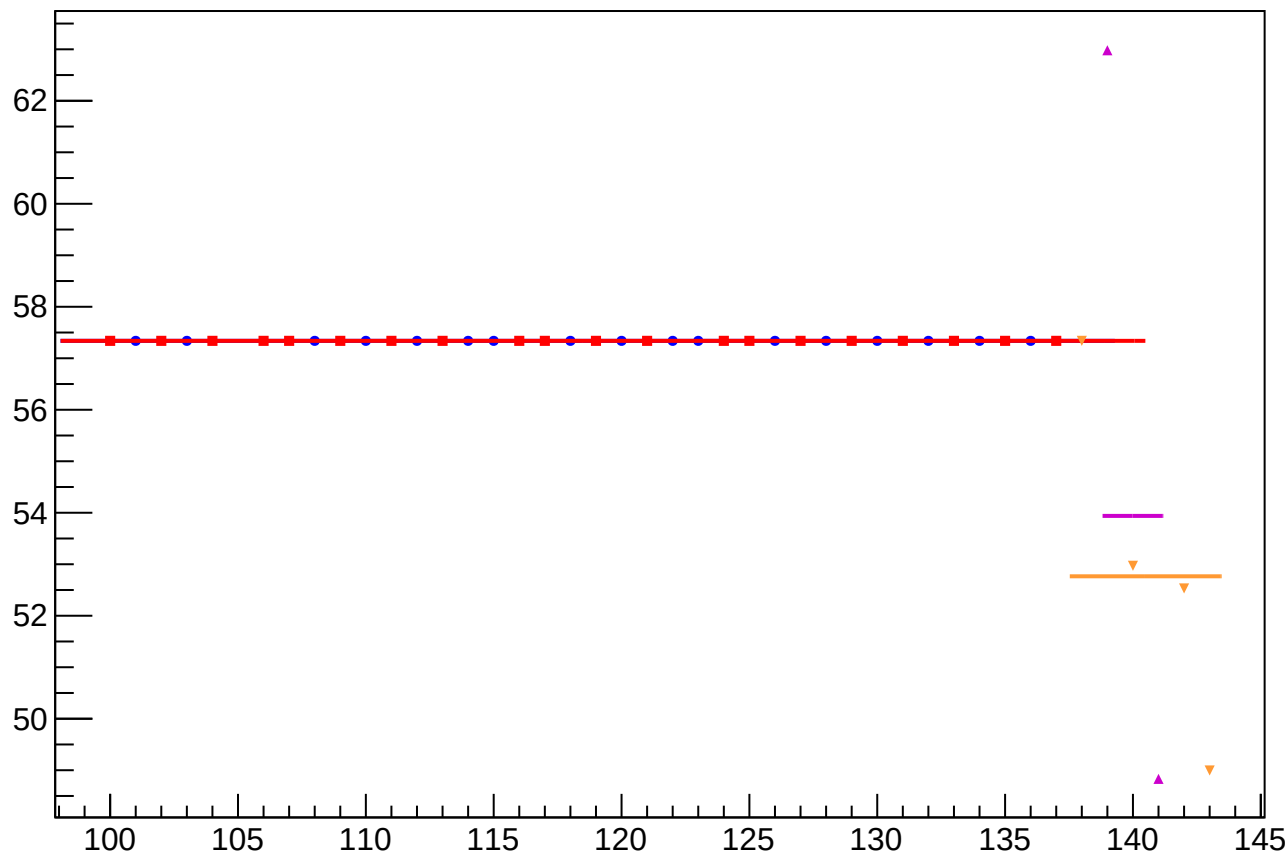
Left In: 9.728 ± 42.663 $\chi^2/\text{NDF}: 1.0/1$

-2.160 ± 14.574 $\chi^2/\text{NDF}: 1.1/20$

-1.895 ± 10.154 $\chi^2/\text{NDF}: 2.2/42$

-1.644 ± 14.153 $\chi^2/\text{NDF}: 1.0/21$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.338 $\pm$ 0.012 χ^2/NDF : 0.0/16

Left Out: 52.766 $\pm$ 0.023 χ^2/NDF : 17144.3/3

Right Out: 57.338 $\pm$ 0.011 χ^2/NDF : 0.0/19

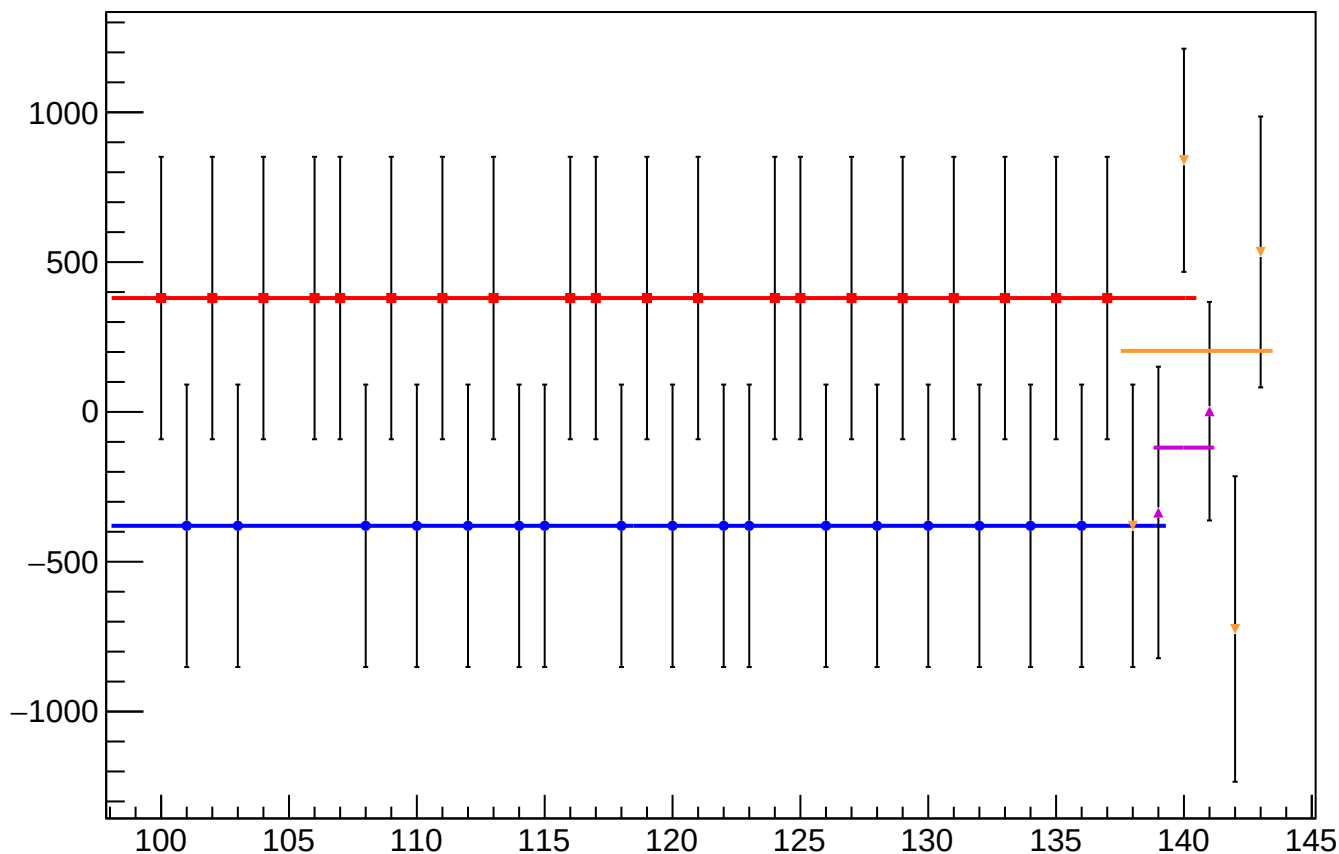
Left In: 53.939 $\pm$ 0.030 χ^2/NDF : 50740.9/1

56.434 $\pm$ 0.010 χ^2/NDF : 48389.5/20

56.707 $\pm$ 0.007 χ^2/NDF : 111796.0/42

56.964 $\pm$ 0.010 χ^2/NDF : 62042.1/21

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -380.097 $\pm$ 114.319 χ^2/NDF : 0.0/16

Left Out: 203.753 $\pm$ 221.149 χ^2/NDF : 8.3/3

Right Out: 380.097 $\pm$ 105.397 χ^2/NDF : 0.0/19

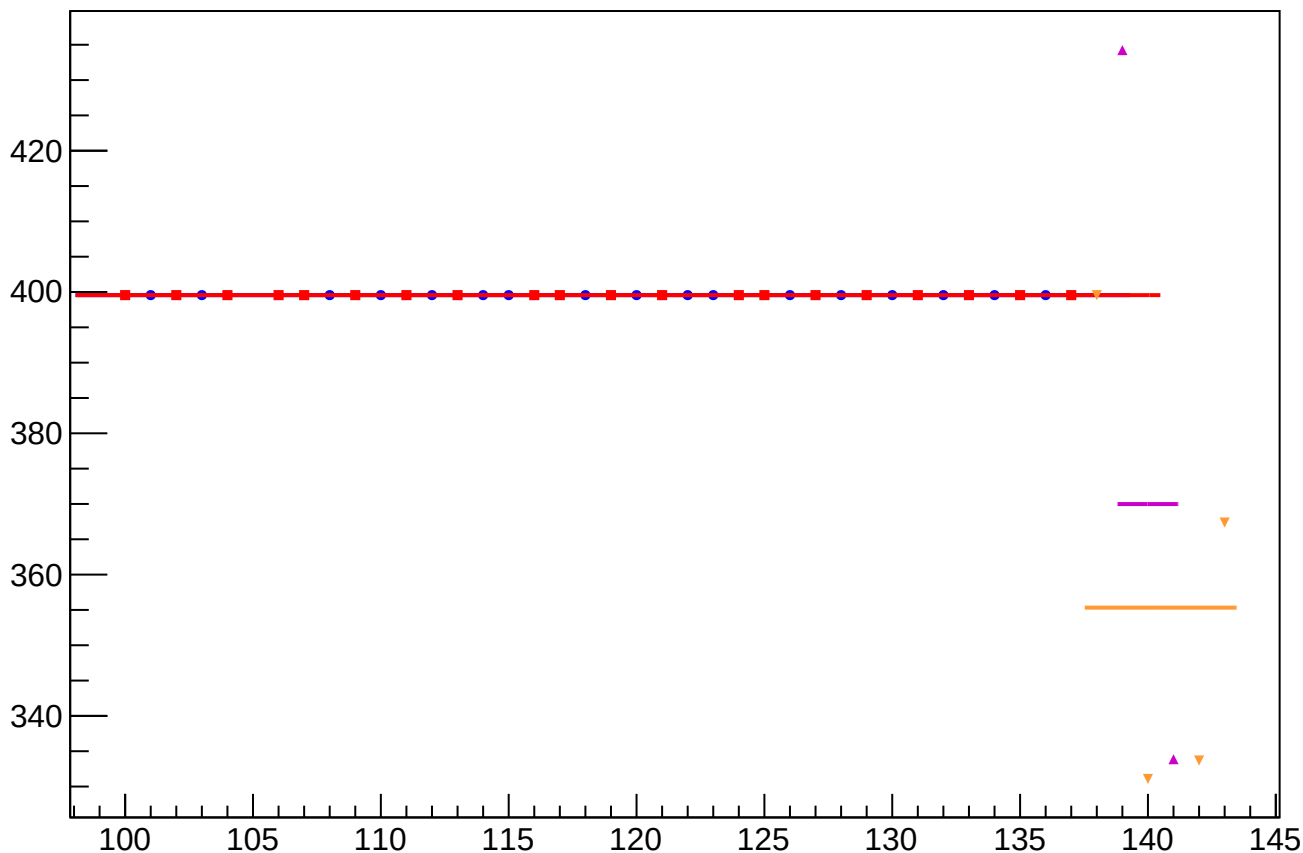
Left In: -119.152 $\pm$ 291.799 χ^2/NDF : 0.3/1

-256.980 $\pm$ 101.553 χ^2/NDF : 13.8/20

39.749 $\pm$ 70.936 χ^2/NDF : 33.4/42

322.480 $\pm$ 99.129 χ^2/NDF : 2.9/21

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 399.559 $\pm$ 0.081 χ^2 /NDF: 0.0/16

Left Out: 355.325 $\pm$ 0.156 χ^2 /NDF:31110.2/3

Right Out: 399.559 $\pm$ 0.075 χ^2 /NDF: 0.0/19

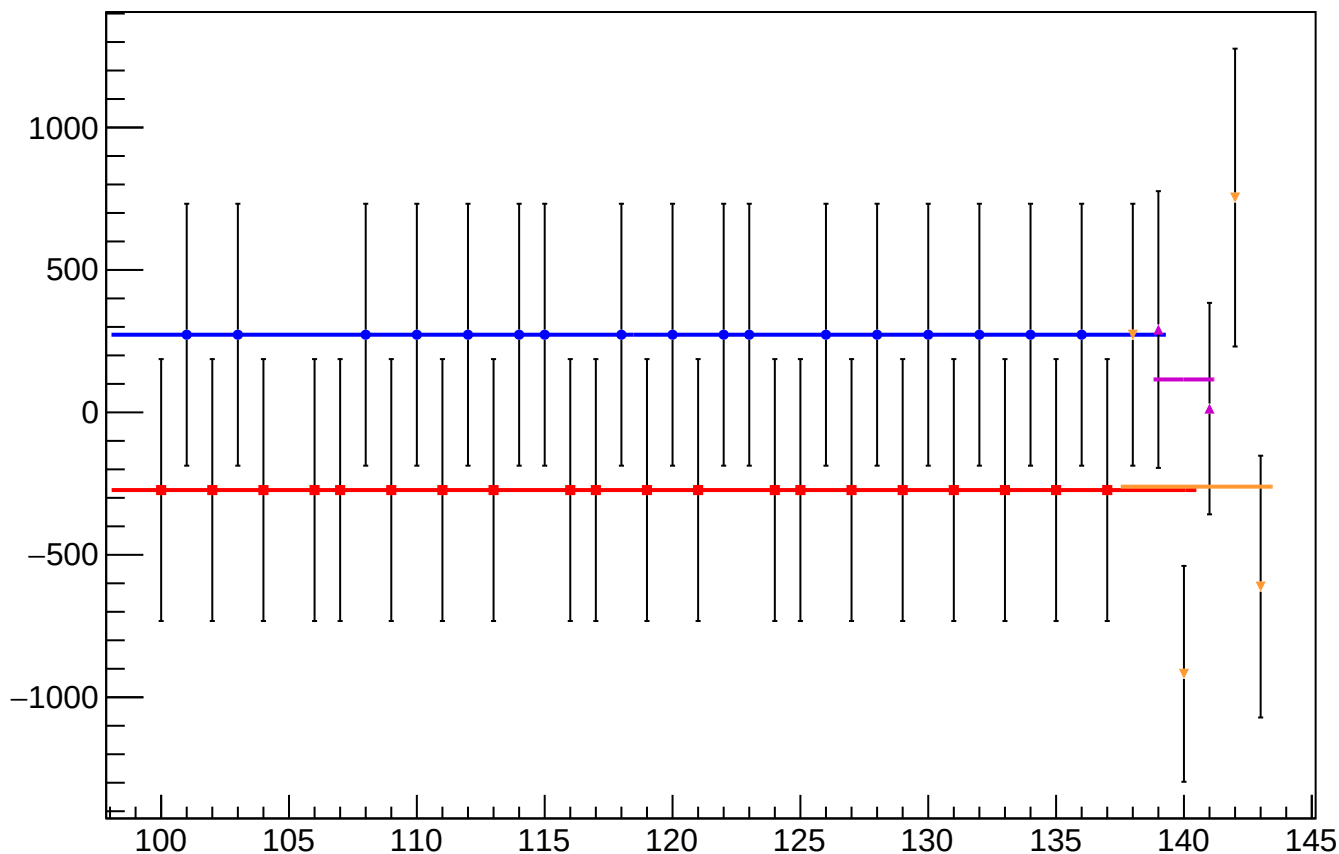
Left In: 369.984 $\pm$ 0.206 χ^2 /NDF:54506.8/1

390.232 $\pm$ 0.072 χ^2 /NDF: 94251.6/20

393.260 $\pm$ 0.050 χ^2 /NDF: 170406.8/42

396.146 $\pm$ 0.070 χ^2 /NDF: 72681.5/21

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 272.633 ± 111.494 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -260.739 ± 223.085 $\chi^2/\text{NDF}: 8.7/3$

Right Out: -272.633 ± 102.792 $\chi^2/\text{NDF}: 0.0/19$

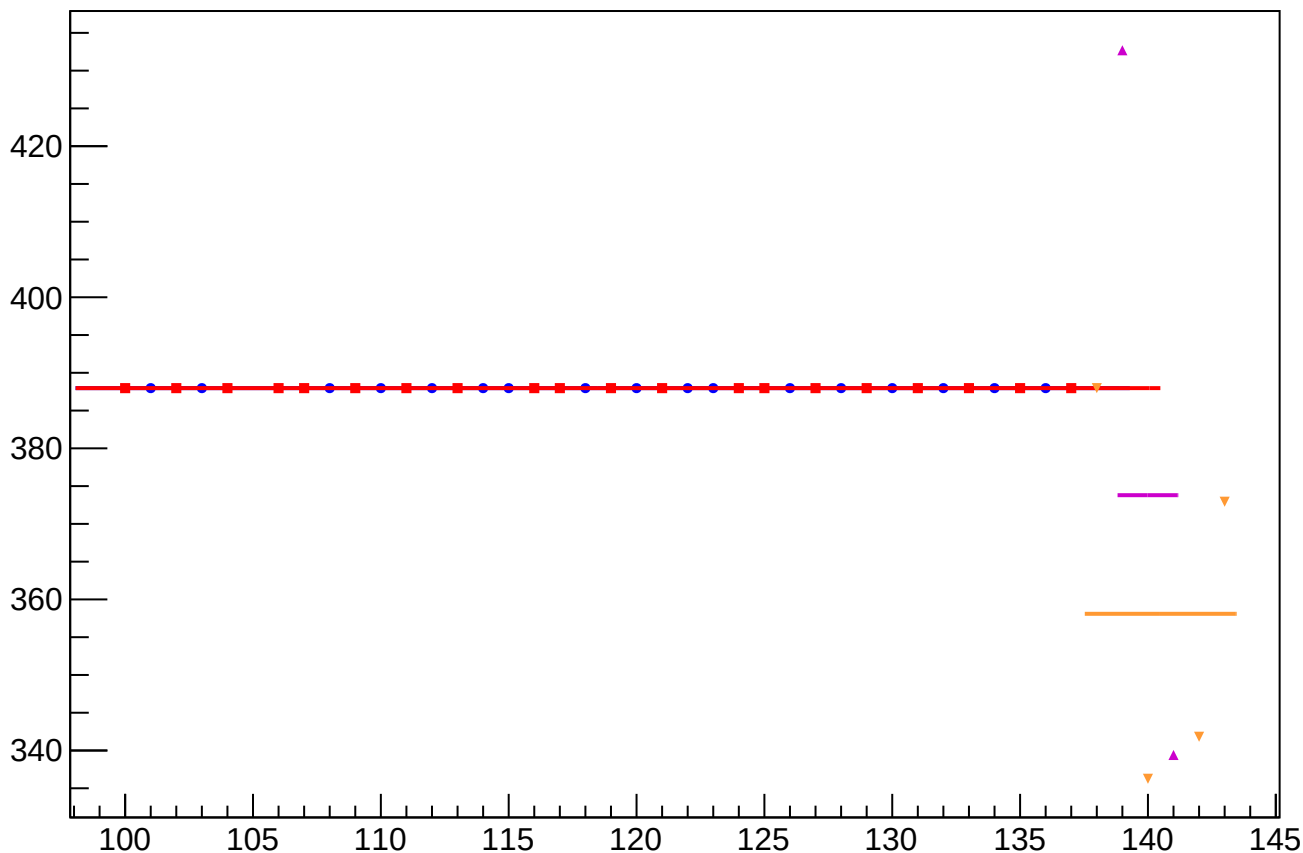
Left In: 115.598 ± 294.894 $\chi^2/\text{NDF}: 0.2/1$

166.033 ± 99.732 $\chi^2/\text{NDF}: 13.3/20$

-37.644 ± 69.559 $\chi^2/\text{NDF}: 23.2/42$

-230.572 ± 97.064 $\chi^2/\text{NDF}: 1.8/21$

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 387.970 $\pm$ 0.079 χ^2 /NDF: 0.0/16

Left Out: 358.096 $\pm$ 0.158 χ^2 /NDF:19113.7/3

Right Out: 387.970 $\pm$ 0.073 χ^2 /NDF: 0.0/19

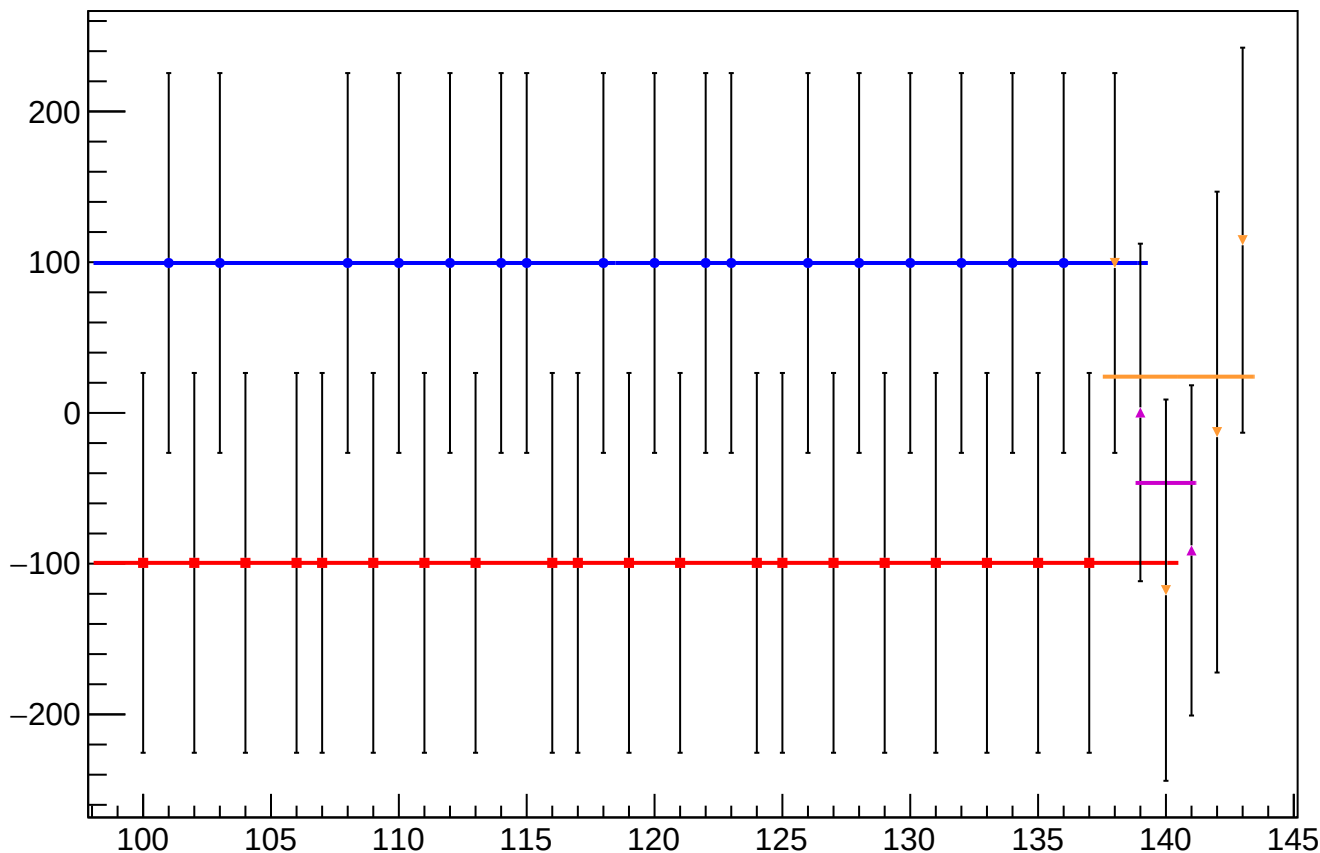
Left In: 373.798 $\pm$ 0.209 χ^2 /NDF:46582.7/1

381.999 $\pm$ 0.071 χ^2 /NDF: 47812.2/20

384.277 $\pm$ 0.049 χ^2 /NDF: 100545.0/42

386.435 $\pm$ 0.069 χ^2 /NDF: 50701.3/21

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 99.476 $\pm$ 30.557 χ^2 /NDF: 0.0/16

Left Out: 24.059 $\pm$ 66.502 χ^2 /NDF:2.2/3

Right Out: -99.476 $\pm$ 28.172 χ^2 /NDF: 0.0/19

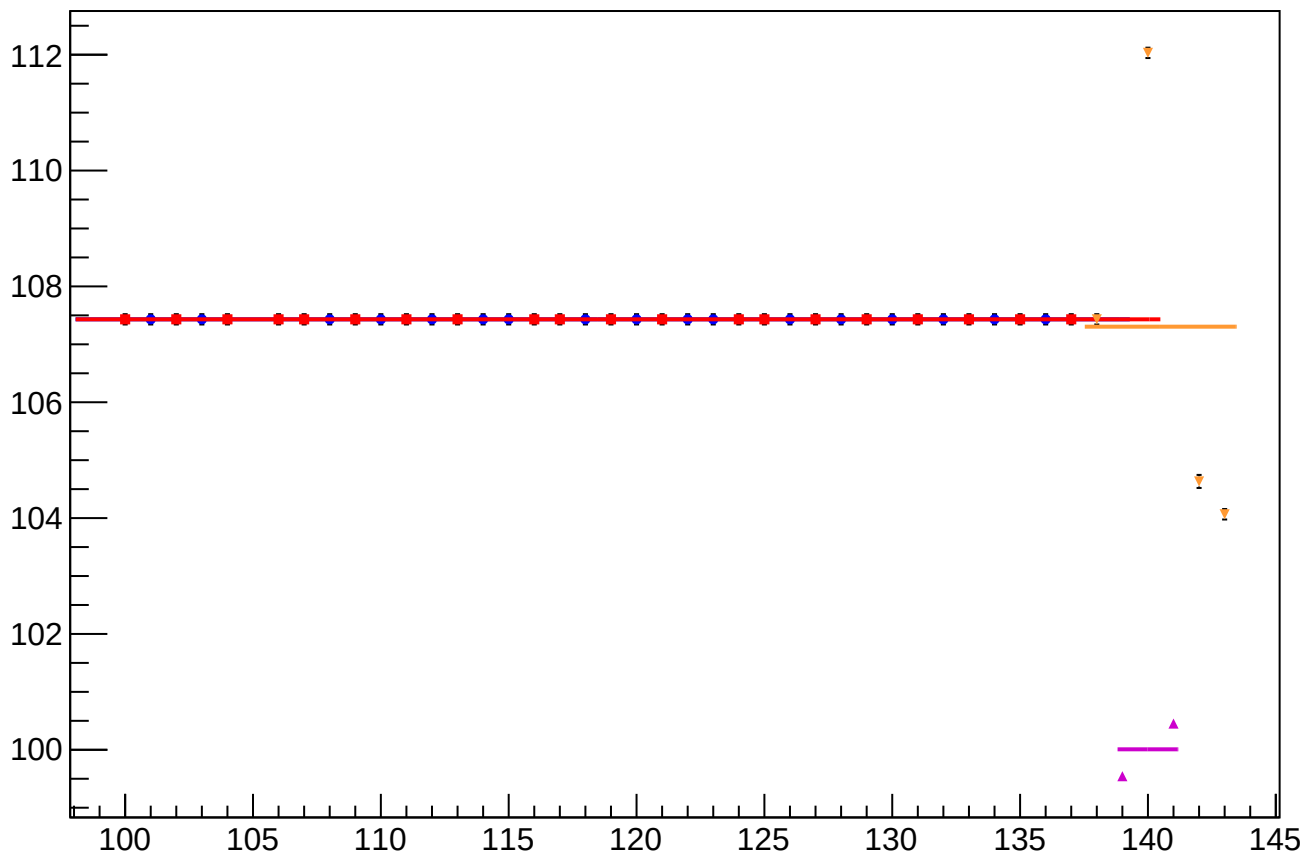
Left In: -46.443 $\pm$ 78.301 χ^2 /NDF:0.3/1

86.329 $\pm$ 27.766 χ^2 /NDF: 3.2/20

-7.696 $\pm$ 19.173 χ^2 /NDF: 25.9/42

-93.398 $\pm$ 26.508 χ^2 /NDF: 0.7/21

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 107.432 $\pm$ 0.022 χ^2 /NDF: 0.0/16

Left Out: 107.305 $\pm$ 0.047 χ^2 /NDF: 4643.3/3

Right Out: 107.432 $\pm$ 0.020 χ^2 /NDF: 0.0/19

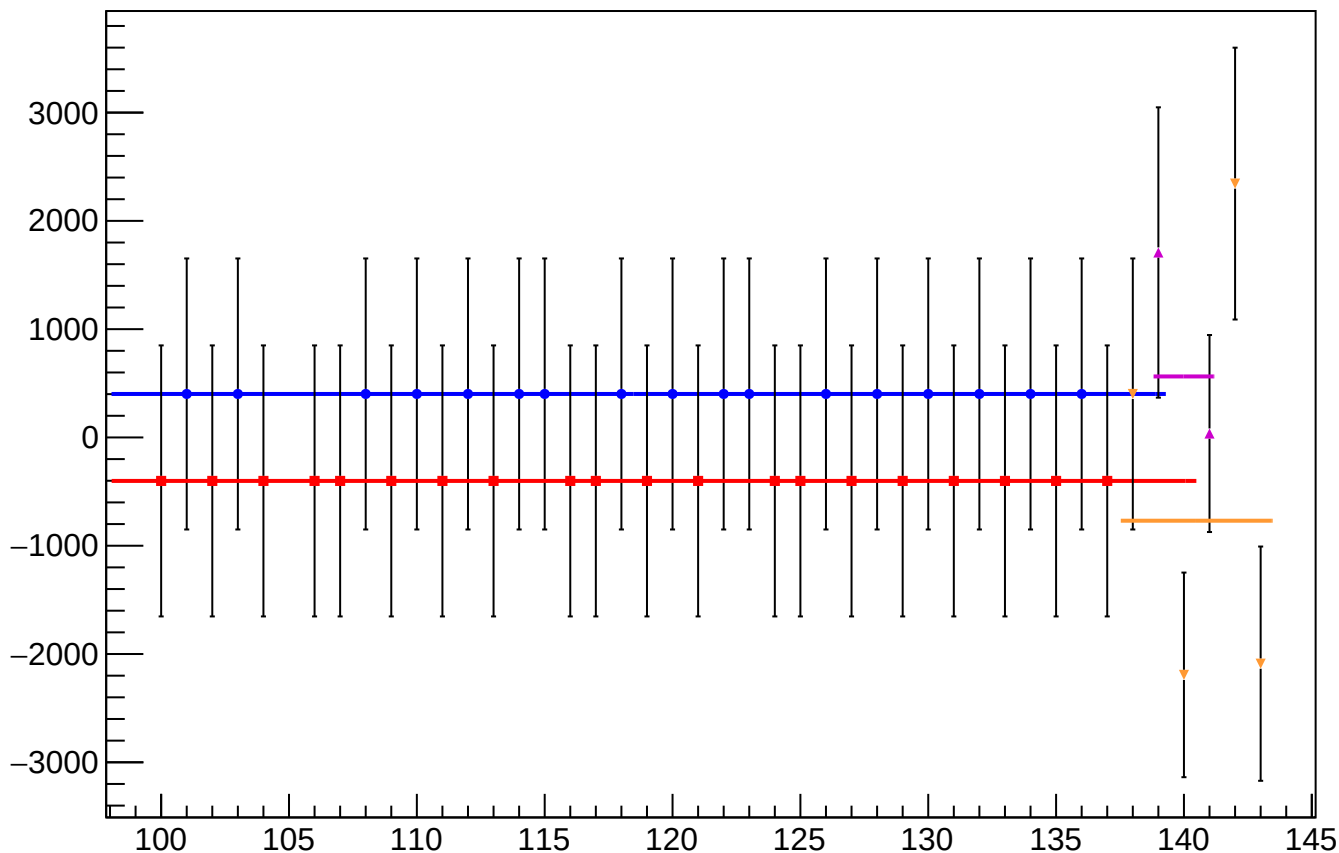
Left In: 100.008 $\pm$ 0.055 χ^2 /NDF: 67.3/1

107.410 $\pm$ 0.020 χ^2 /NDF: 4649.3/20

106.976 $\pm$ 0.014 χ^2 /NDF: 21565.1/42

106.581 $\pm$ 0.019 χ^2 /NDF: 15983.8/21

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: 401.519 ± 303.529 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -768.977 ± 554.875 $\chi^2/\text{NDF}: 10.8/3$

Right Out: -401.519 ± 279.840 $\chi^2/\text{NDF}: 0.0/19$

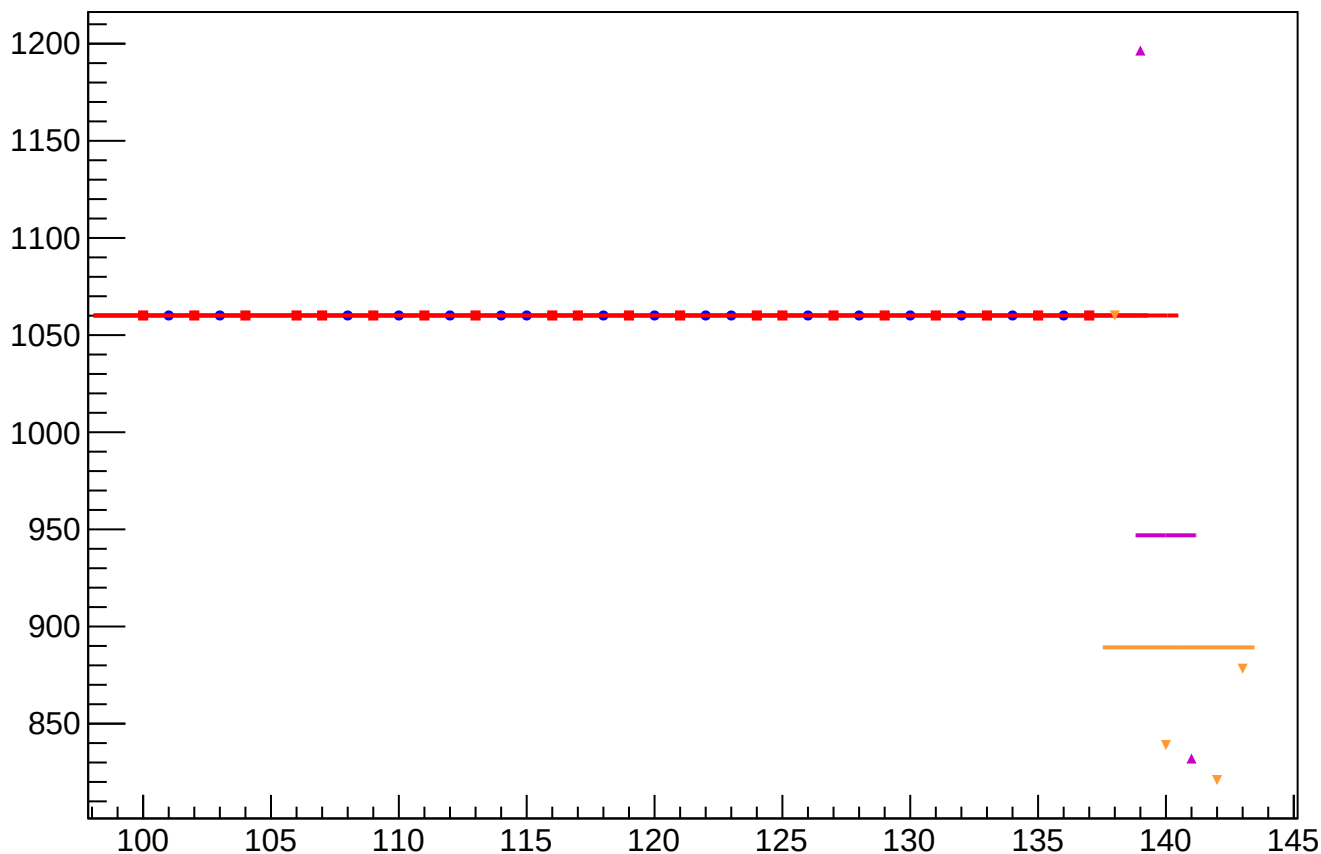
Left In: 563.300 ± 752.740 $\chi^2/\text{NDF}: 1.1/1$

131.936 ± 266.291 $\chi^2/\text{NDF}: 14.2/20$

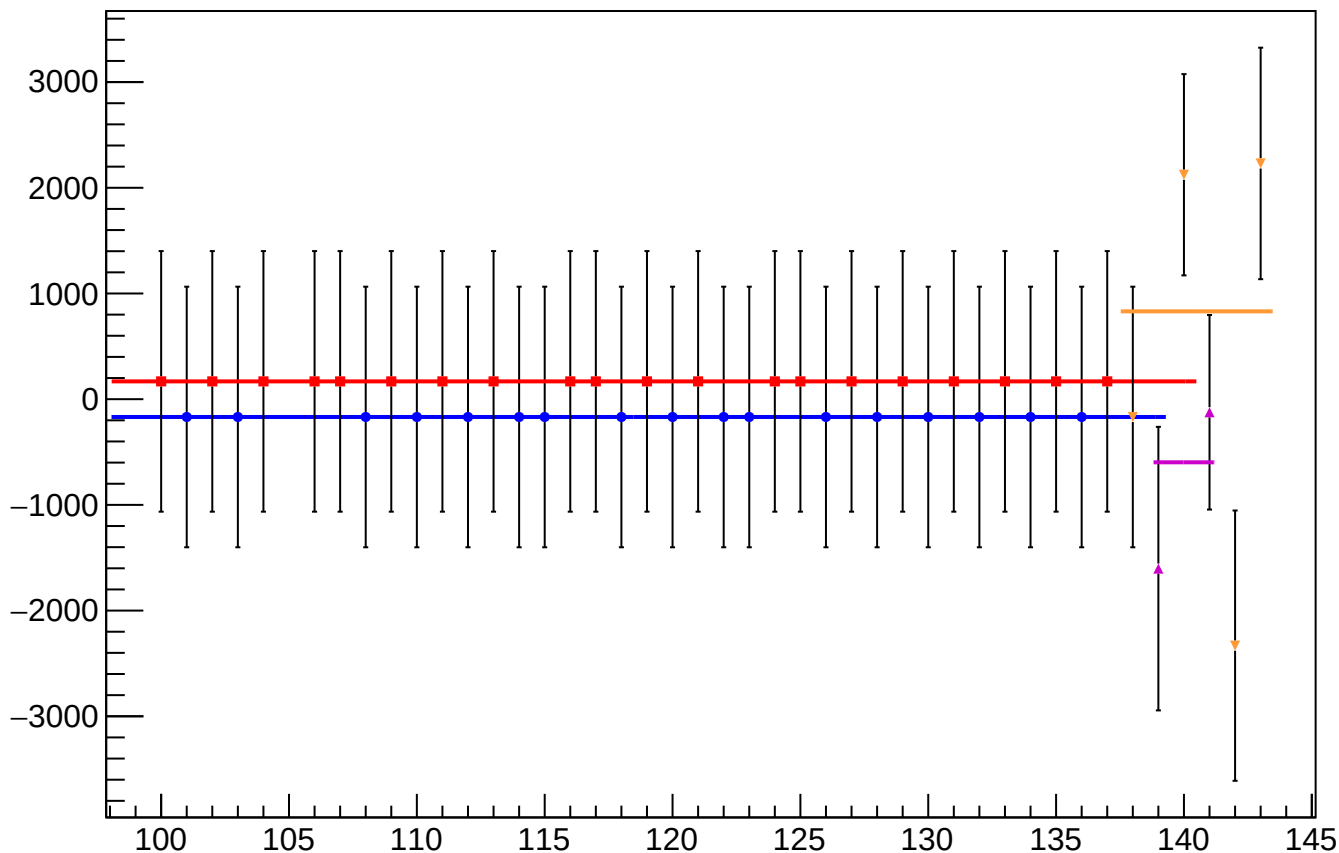
-79.358 ± 186.869 $\chi^2/\text{NDF}: 18.0/42$

-284.366 ± 262.300 $\chi^2/\text{NDF}: 2.5/21$

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: -168.416+/-298.974 χ^2/NDF : 0.0/16

Left Out: 830.940+/-558.430 χ^2/NDF :10.3/3

Right Out: 168.416+/-275.640 χ^2/NDF : 0.0/19

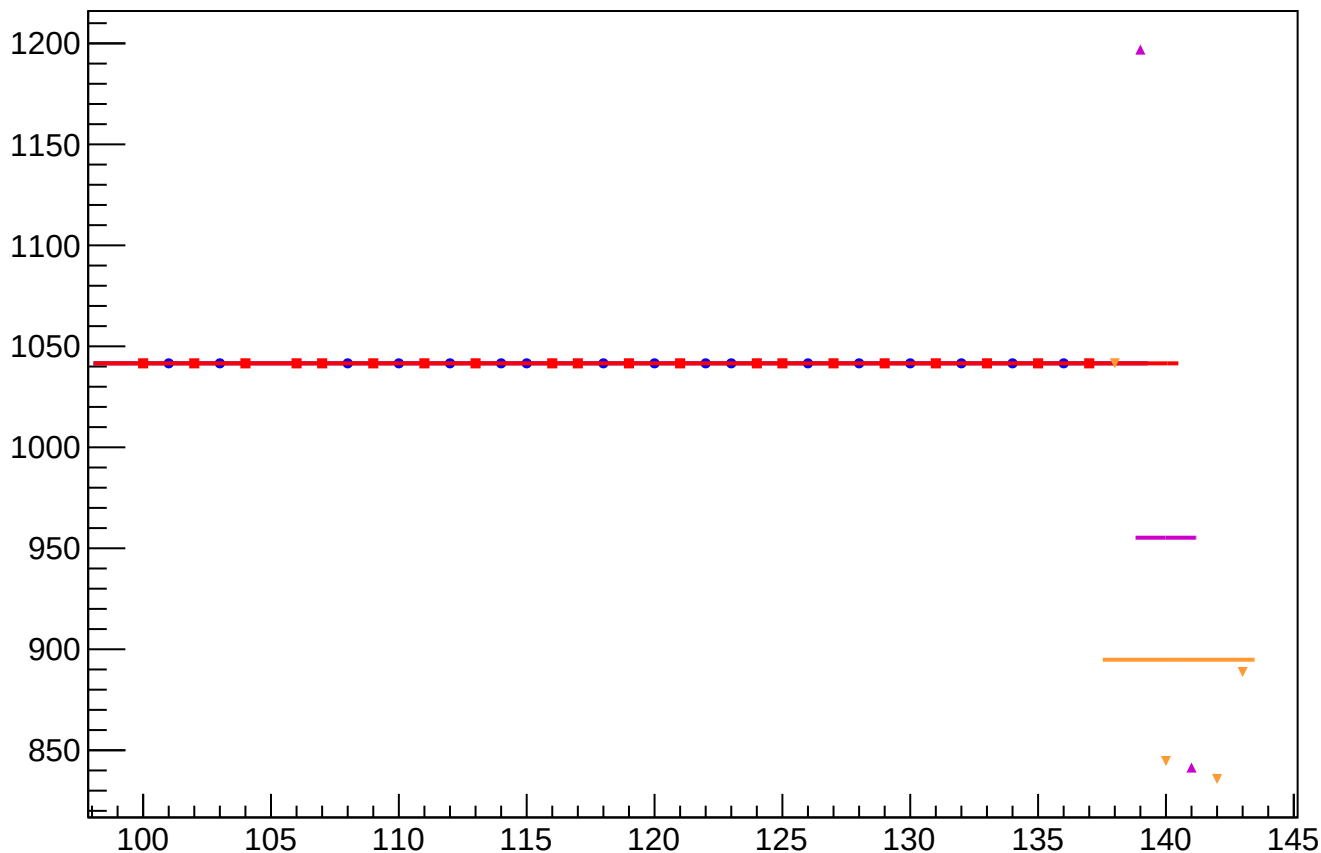
Left In: -597.234+/-758.937 χ^2/NDF :0.8/1

54.219+/-263.576 χ^2/NDF : 12.7/20

66.919+/-184.767 χ^2/NDF : 14.5/42

79.190+/-259.082 χ^2/NDF : 1.7/21

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1041.580 $\pm$ 0.211 χ^2 /NDF: 0.0/16

Left Out: 894.834 $\pm$ 0.395 χ^2 /NDF:38228.1/3

Right Out: 1041.580 $\pm$ 0.195 χ^2 /NDF: 0.0/19

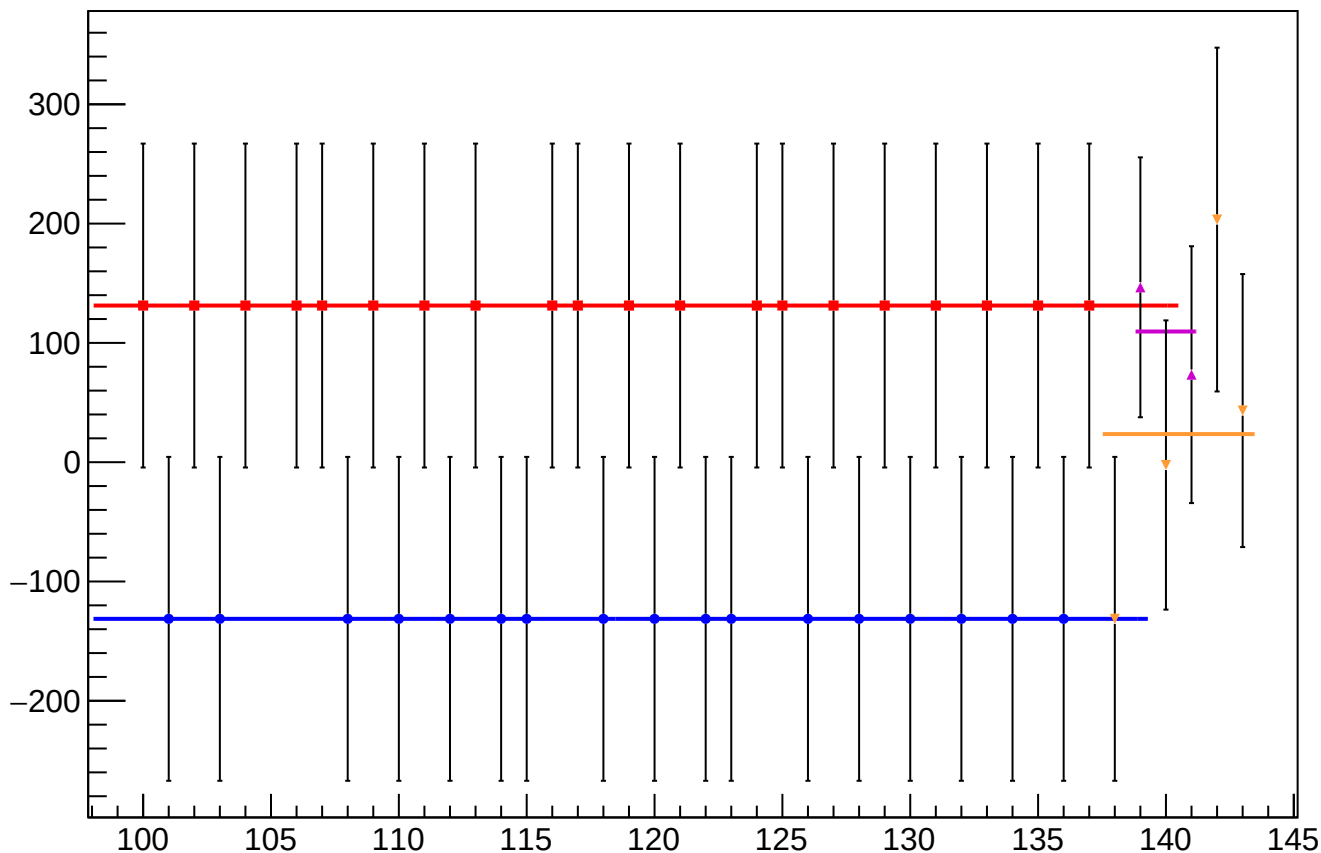
Left In: 955.249 $\pm$ 0.537 χ^2 /NDF:95501.9/1

1008.888 $\pm$ 0.186 χ^2 /NDF: 145570.1/20

1020.398 $\pm$ 0.131 χ^2 /NDF: 271434.4/42

1031.519 $\pm$ 0.183 χ^2 /NDF: 118365.3/21

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: -131.308 $\pm$ 32.926 χ^2 /NDF: 0.0/16

Left Out: 23.561 $\pm$ 63.649 χ^2 /NDF: 2.9/3

Right Out: 131.308 $\pm$ 30.356 χ^2 /NDF: 0.0/19

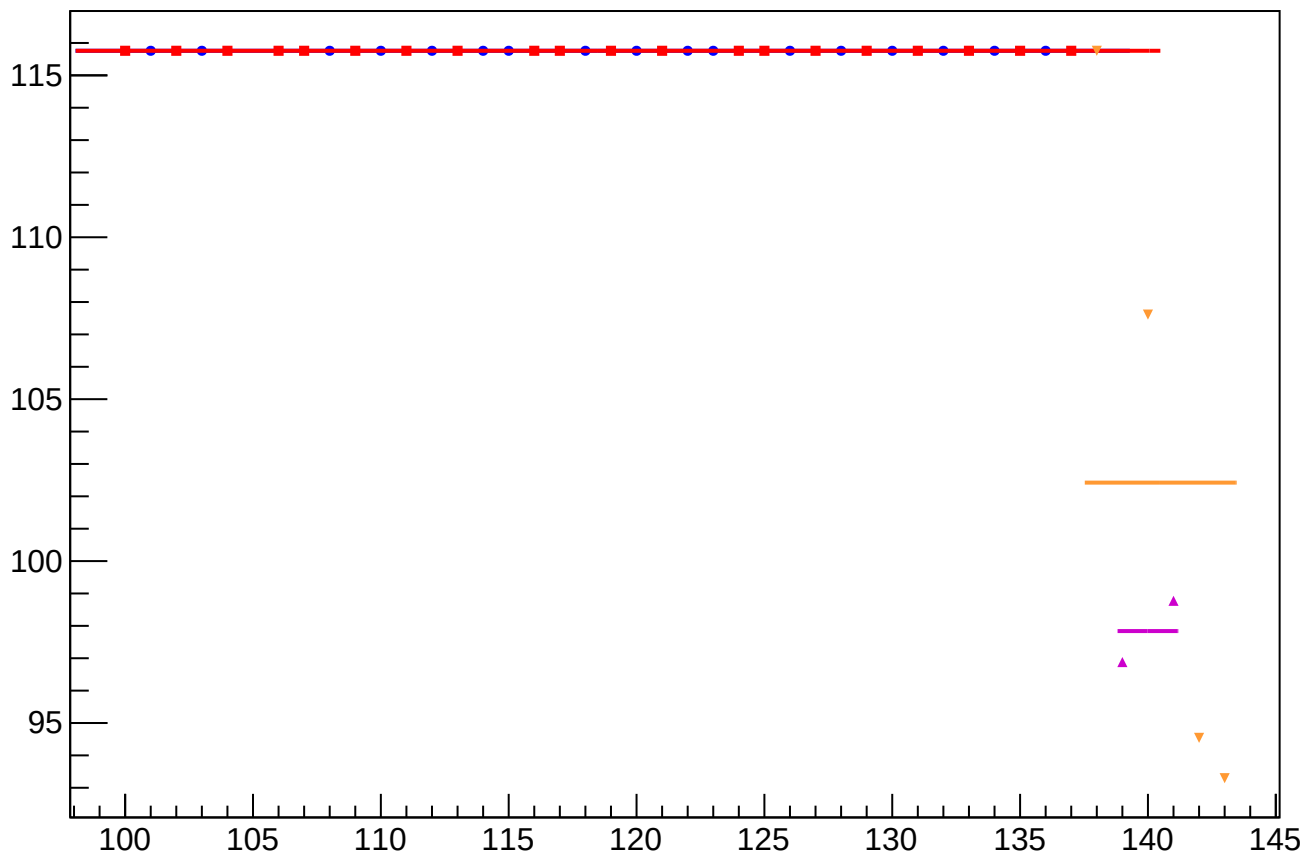
Left In: 109.551 $\pm$ 76.570 χ^2 /NDF: 0.2/1

-98.614 $\pm$ 29.244 χ^2 /NDF: 7.6/20

18.917 $\pm$ 20.307 χ^2 /NDF: 39.1/42

128.353 $\pm$ 28.219 χ^2 /NDF: 0.3/21

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.759 $\pm$ 0.023 χ^2 /NDF: 0.0/16

Left Out: 102.423 $\pm$ 0.045 χ^2 /NDF:41670.1/3

Right Out: 115.759 $\pm$ 0.021 χ^2 /NDF: 0.0/19

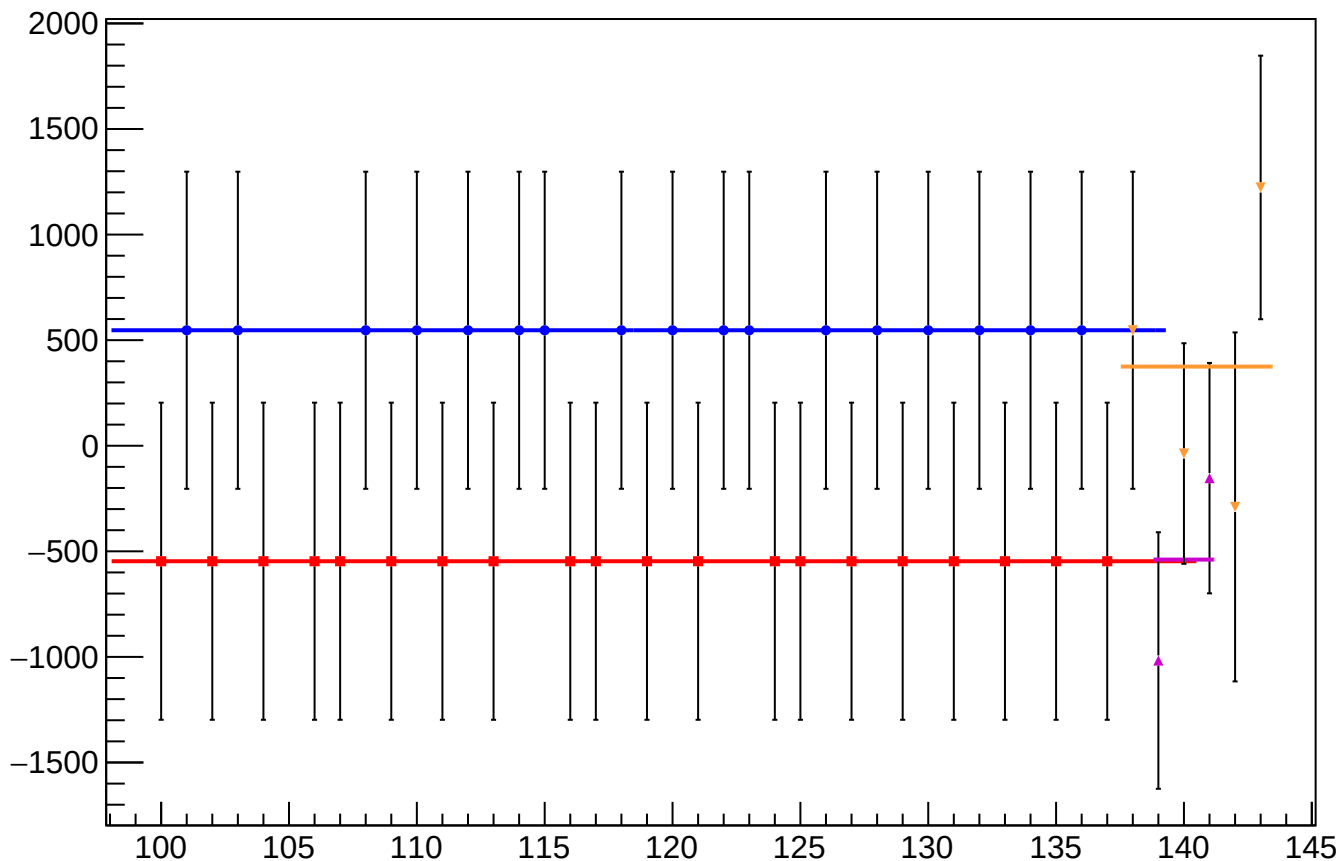
Left In: 97.839 $\pm$ 0.054 χ^2 /NDF:305.2/1

112.944 $\pm$ 0.021 χ^2 /NDF: 110928.9/20

113.141 $\pm$ 0.014 χ^2 /NDF: 206070.9/42

113.325 $\pm$ 0.020 χ^2 /NDF: 94966.0/21

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 546.906 $\pm$ 182.124 χ^2 /NDF: 0.0/16

Left Out: 374.889 $\pm$ 324.934 χ^2 /NDF: 3.2/3

Right Out: -546.906 $\pm$ 167.910 χ^2 /NDF: 0.0/19

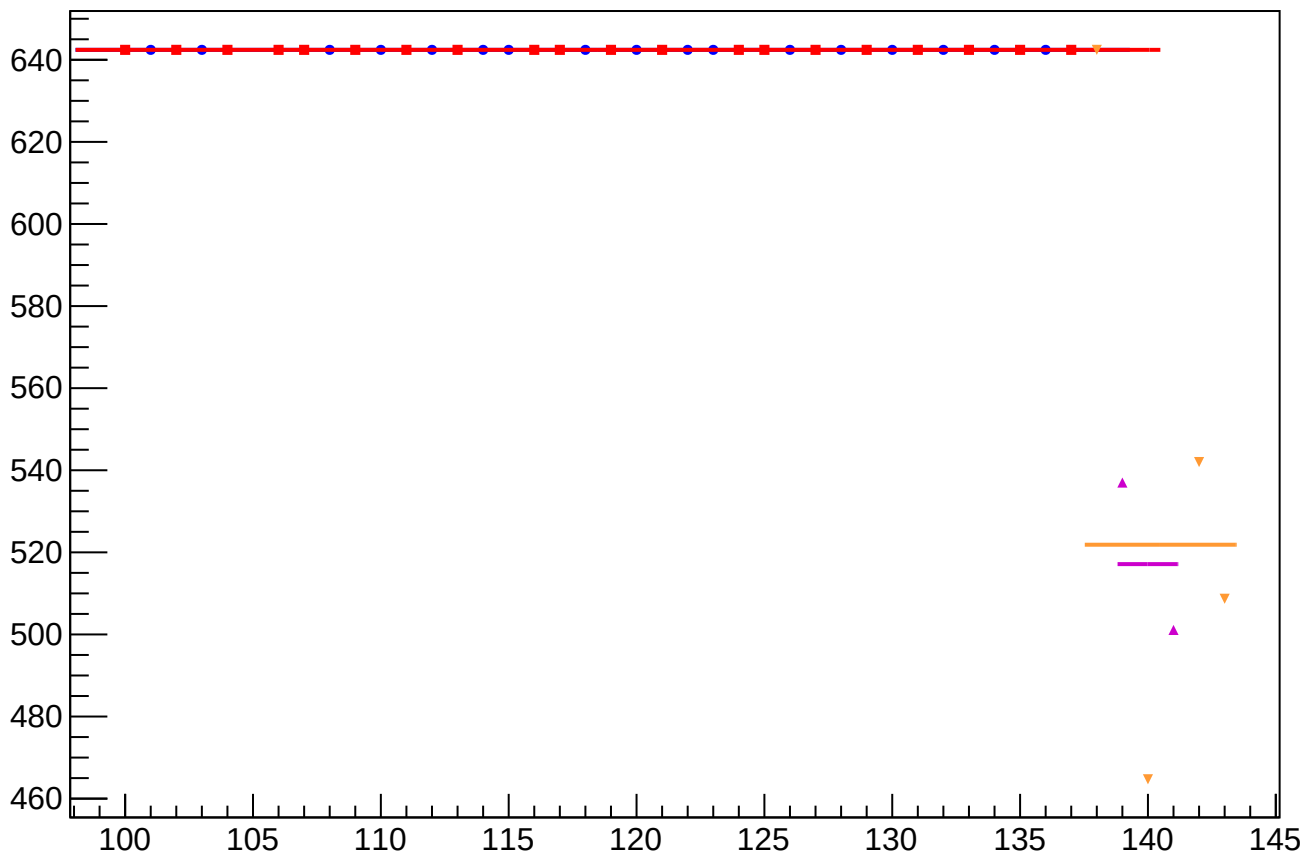
Left In: -539.171 $\pm$ 405.969 χ^2 /NDF: 1.1/1

505.785 $\pm$ 158.871 χ^2 /NDF: 3.4/20

-32.413 $\pm$ 111.004 χ^2 /NDF: 26.9/42

-545.777 $\pm$ 155.162 χ^2 /NDF: 1.1/21

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 642.426 $\pm$ 0.129 χ^2 /NDF: 0.0/16

Left Out: 521.859 $\pm$ 0.230 χ^2 /NDF: 77581.8/3

Right Out: 642.426 $\pm$ 0.119 χ^2 /NDF: 0.0/19

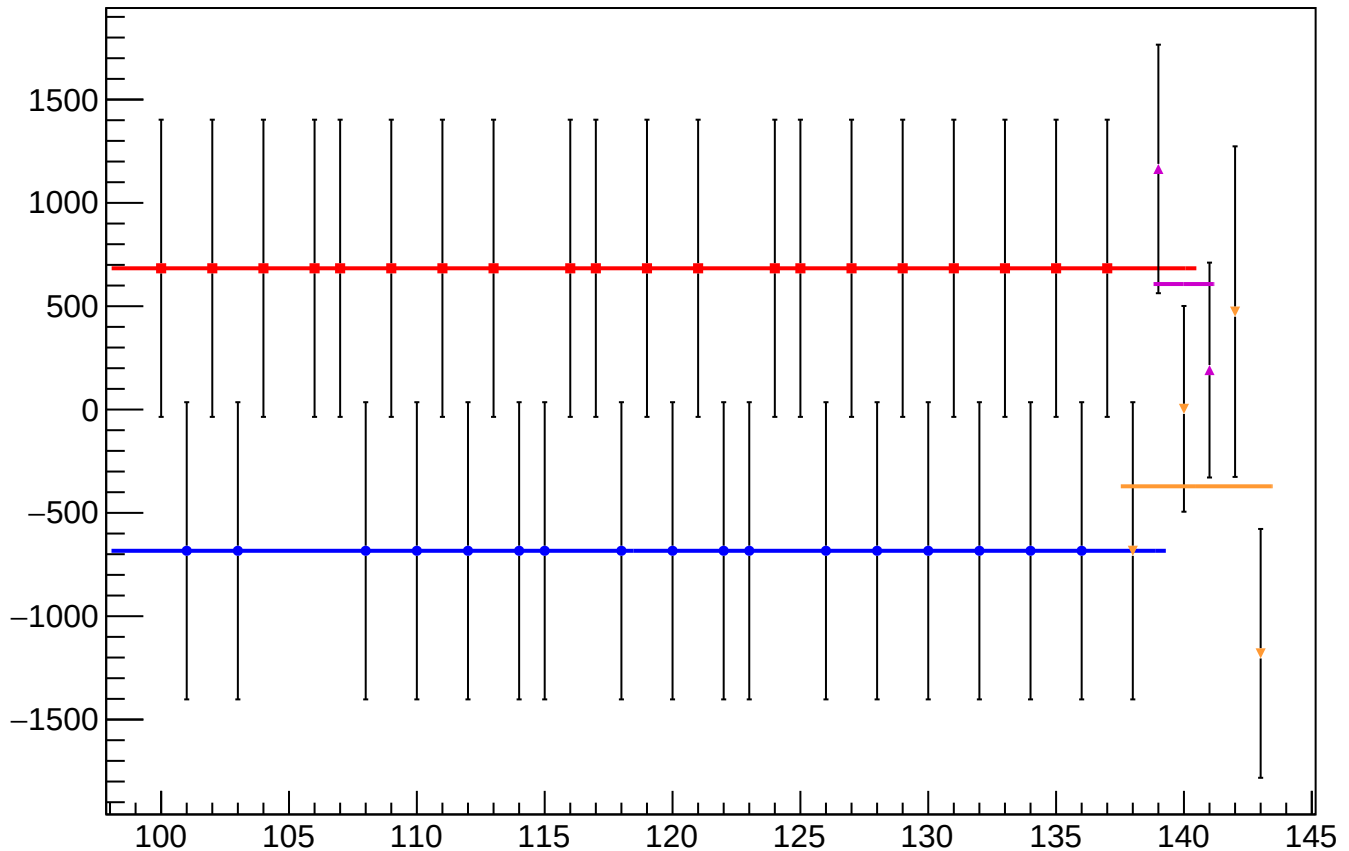
Left In: 517.135 $\pm$ 0.287 χ^2 /NDF: 3866.5/1

613.604 $\pm$ 0.112 χ^2 /NDF: 287110.0/20

618.988 $\pm$ 0.078 χ^2 /NDF: 458131.3/42

624.123 $\pm$ 0.110 χ^2 /NDF: 166533.3/21

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: -683.475 $\pm$ 174.389 χ^2/NDF : 0.0/16

Left Out: -371.449 $\pm$ 311.708 χ^2/NDF : 3.7/3

Right Out: 683.475 $\pm$ 160.778 χ^2/NDF : 0.0/19

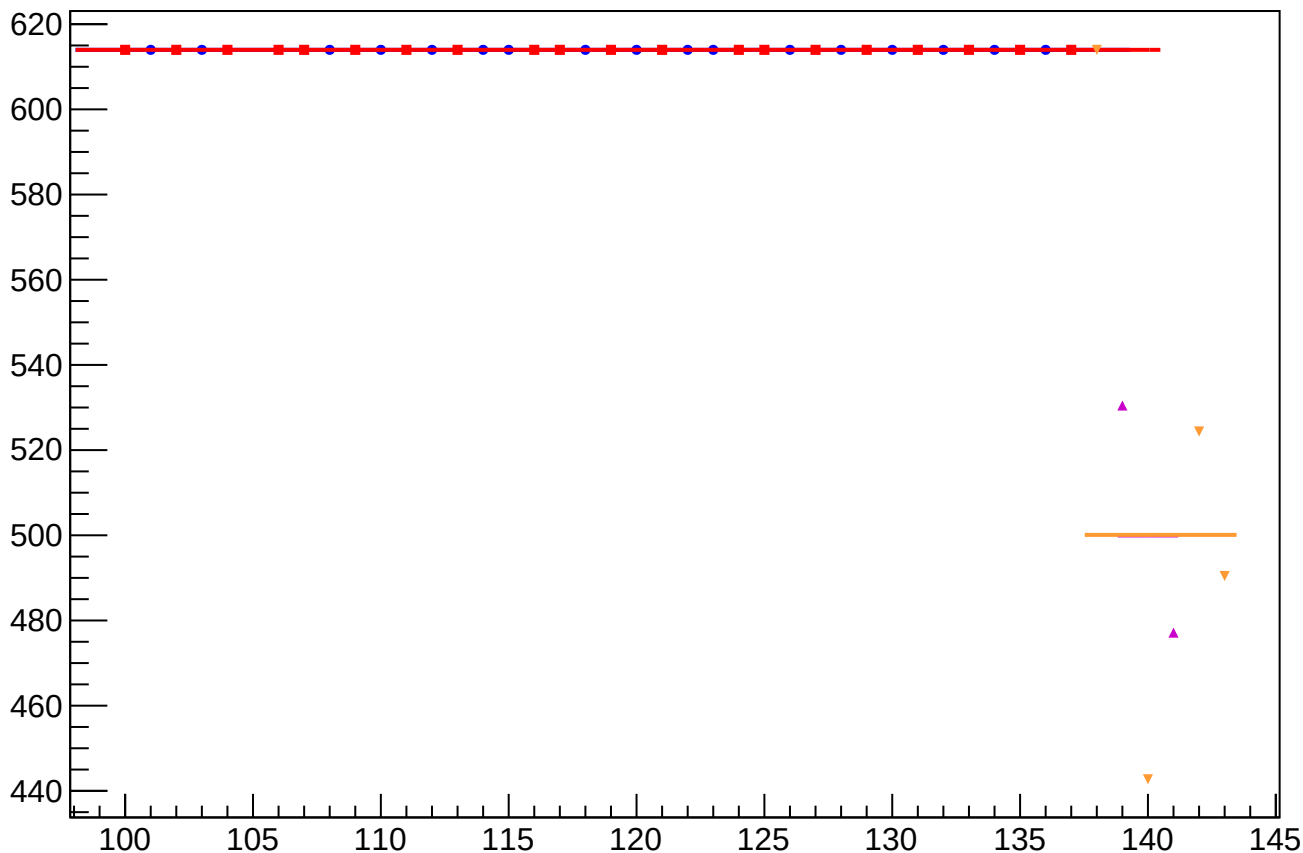
Left In: 607.320 $\pm$ 393.272 χ^2/NDF : 1.5/1

-609.093 $\pm$ 152.190 χ^2/NDF : 4.4/20

46.077 $\pm$ 106.404 χ^2/NDF : 42.2/42

672.570 $\pm$ 148.822 χ^2/NDF : 1.5/21

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 613.974 $\pm$ 0.123 χ^2 /NDF: 0.0/16

Left Out: 500.096 $\pm$ 0.220 χ^2 /NDF: 79101.4/3

Right Out: 613.974 $\pm$ 0.114 χ^2 /NDF: 0.0/19

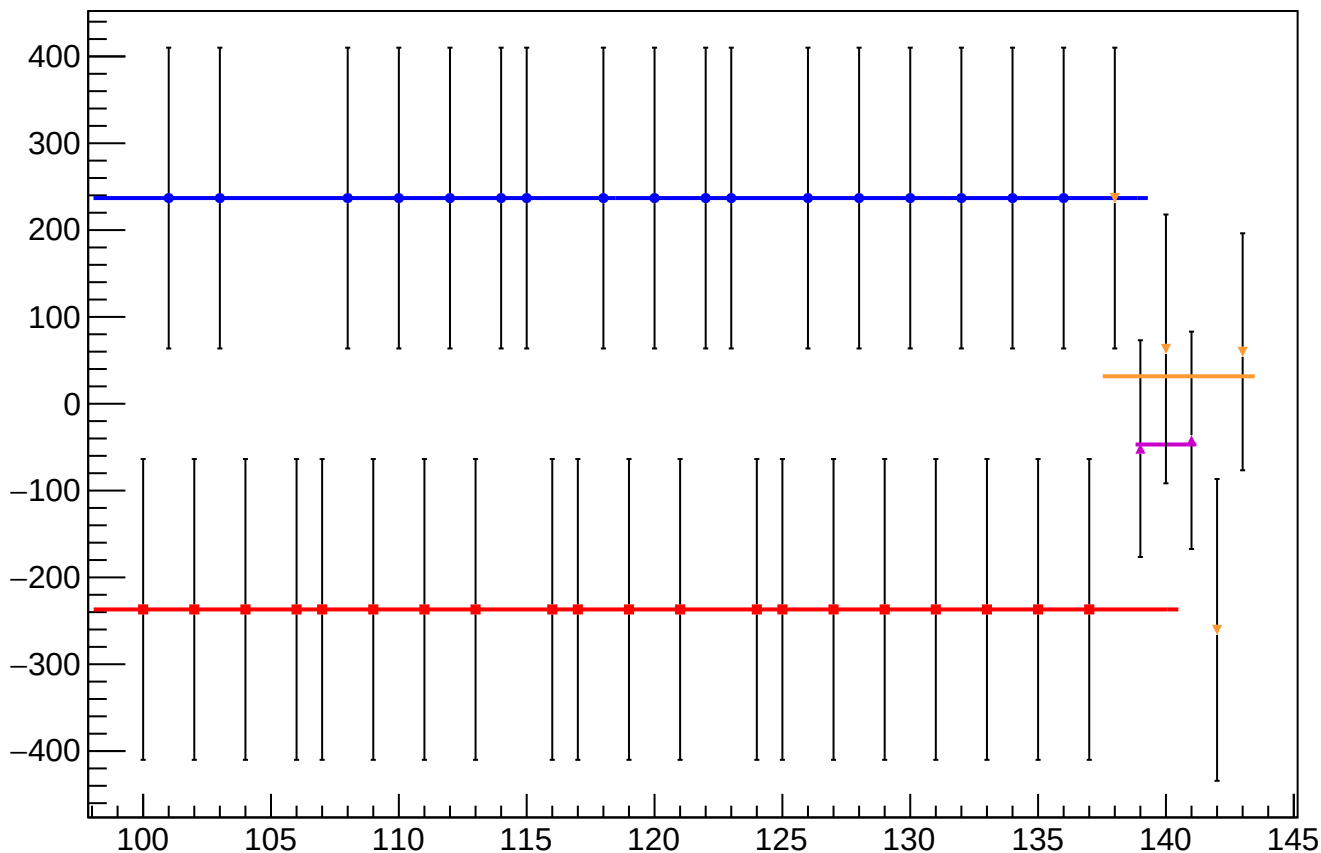
Left In: 499.960 $\pm$ 0.278 χ^2 /NDF: 9002.2/1

586.827 $\pm$ 0.108 χ^2 /NDF: 282407.4/20

592.358 $\pm$ 0.075 χ^2 /NDF: 440603.4/42

597.647 $\pm$ 0.105 χ^2 /NDF: 153028.7/21

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 236.881 ± 42.009 χ^2/NDF : 0.0/16

Left Out: 31.634 ± 78.597 χ^2/NDF : 4.3/3

Right Out: -236.881 ± 38.730 χ^2/NDF : 0.0/19

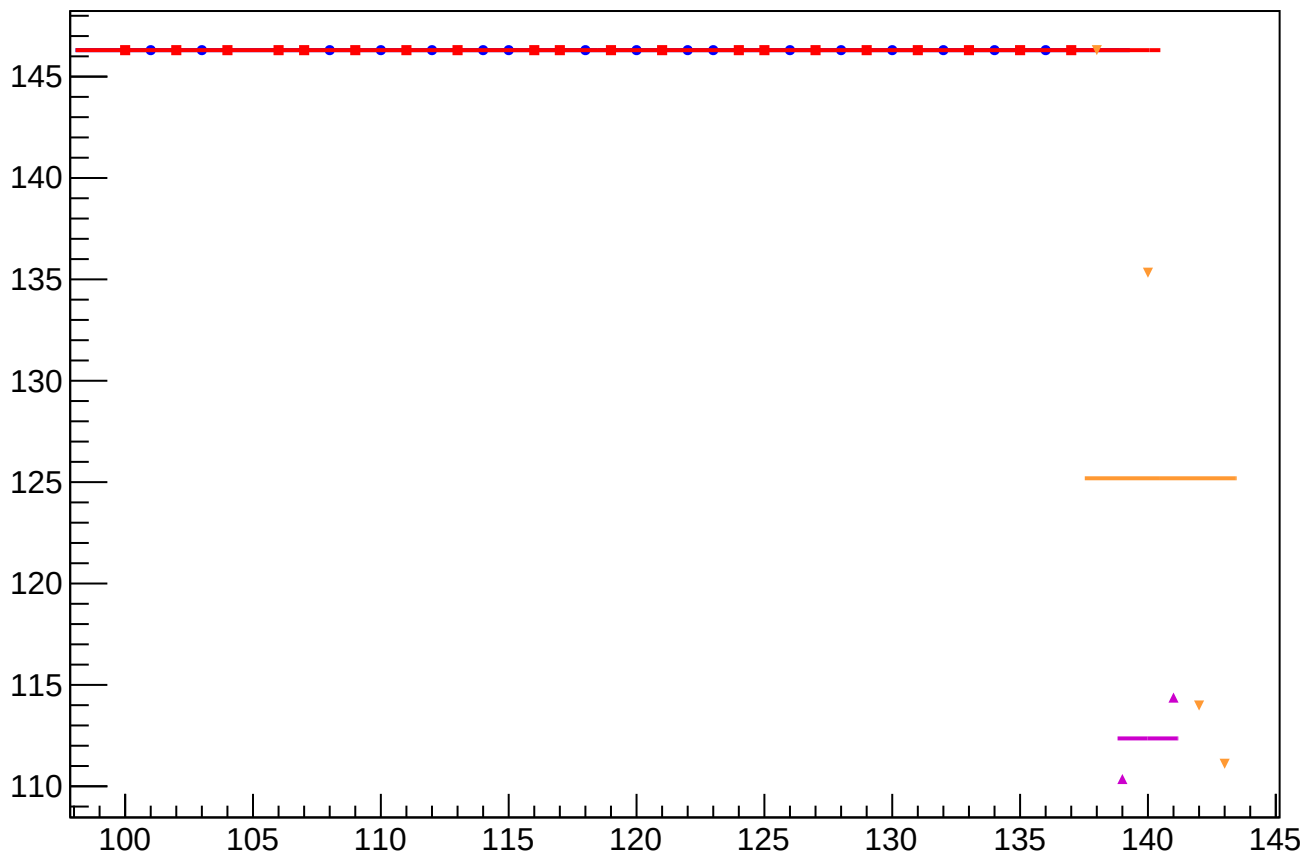
Left In: -46.913 ± 88.377 χ^2/NDF : 0.0/1

191.276 ± 37.049 χ^2/NDF : 9.6/20

-16.132 ± 25.622 χ^2/NDF : 73.6/42

-206.275 ± 35.473 χ^2/NDF : 3.9/21

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 146.305 $\pm$ 0.030 χ^2 /NDF: 0.0/16

Left Out: 125.190 $\pm$ 0.056 χ^2 /NDF: 67907.1/3

Right Out: 146.305 $\pm$ 0.027 χ^2 /NDF: 0.0/19

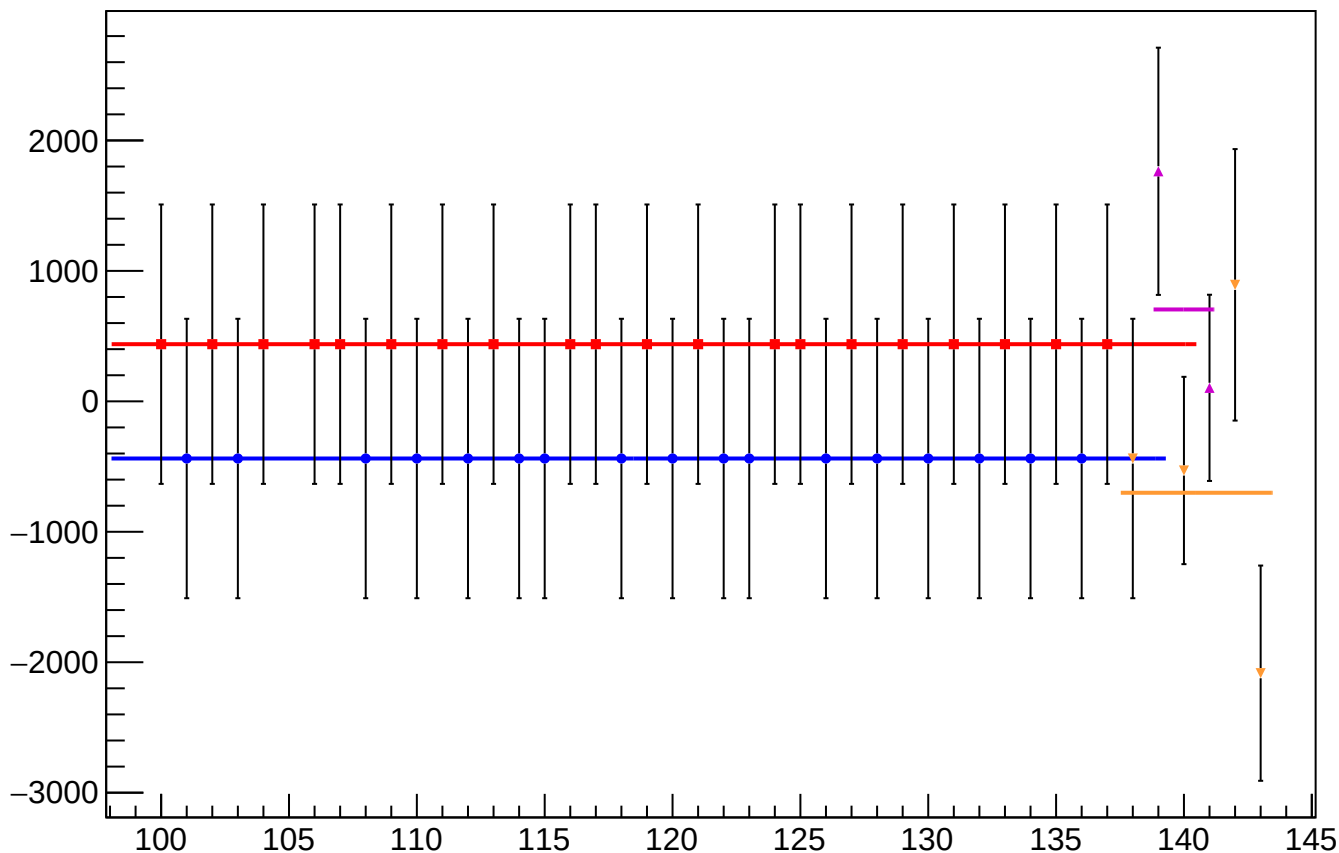
Left In: 112.361 $\pm$ 0.062 χ^2 /NDF: 1032.1/1

141.613 $\pm$ 0.026 χ^2 /NDF: 180177.4/20

141.208 $\pm$ 0.018 χ^2 /NDF: 429174.6/42

140.836 $\pm$ 0.025 χ^2 /NDF: 248538.0/21

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: -438.169+/-259.758 χ^2/NDF : 0.0/16

Left Out: -700.821+/-438.357 χ^2/NDF : 5.3/3

Right Out: 438.169+/-239.485 χ^2/NDF : 0.0/19

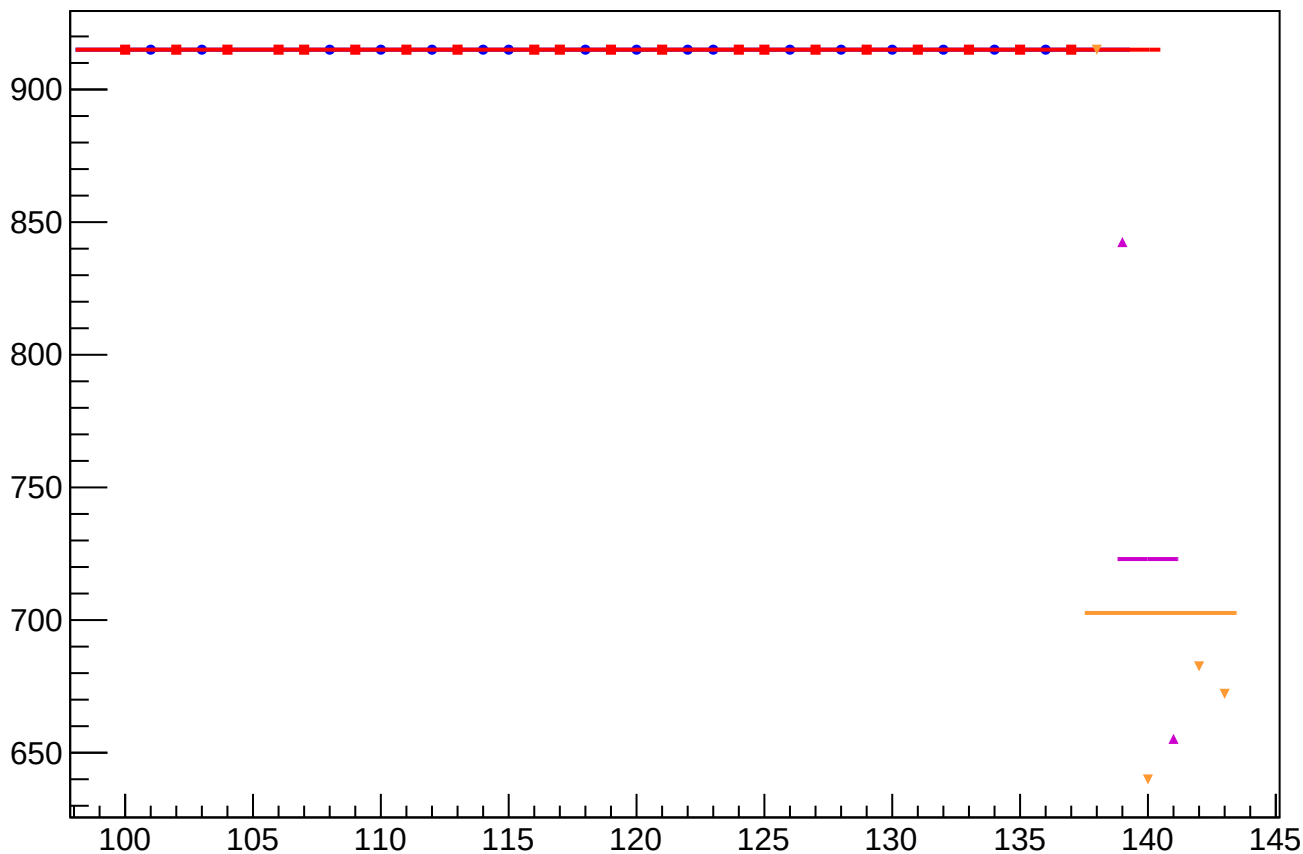
Left In: 704.339+/-570.105 χ^2/NDF : 2.0/1

-506.428+/-223.470 χ^2/NDF : 5.5/20

-8.242+/-157.063 χ^2/NDF : 17.5/42

478.093+/-220.795 χ^2/NDF : 2.1/21

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 915.008 $\pm$ 0.184 χ^2 /NDF: 0.0/16

Left Out: 702.682 $\pm$ 0.310 χ^2 /NDF:97363.4/3

Right Out: 915.008 $\pm$ 0.169 χ^2 /NDF: 0.0/19

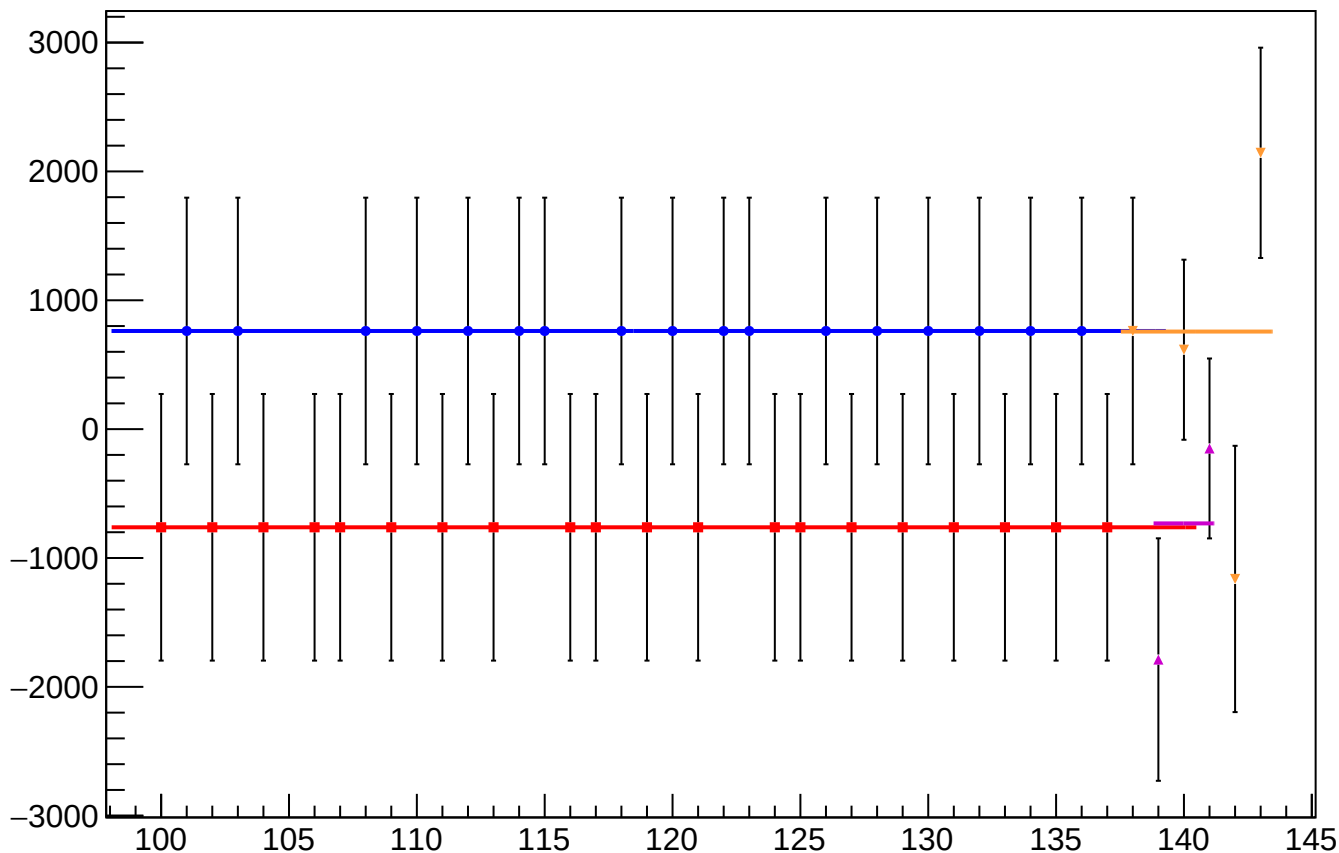
Left In: 723.005 $\pm$ 0.403 χ^2 /NDF:49834.8/1

859.828 $\pm$ 0.158 χ^2 /NDF: 444646.1/20

873.177 $\pm$ 0.111 χ^2 /NDF: 701409.9/42

886.209 $\pm$ 0.156 χ^2 /NDF: 242659.2/21

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 761.735 $\pm$ 250.914 χ^2 /NDF: 0.0/16

Left Out: 757.250 $\pm$ 429.491 χ^2 /NDF:6.4/3

Right Out: -761.735 $\pm$ 231.331 χ^2 /NDF: 0.0/19

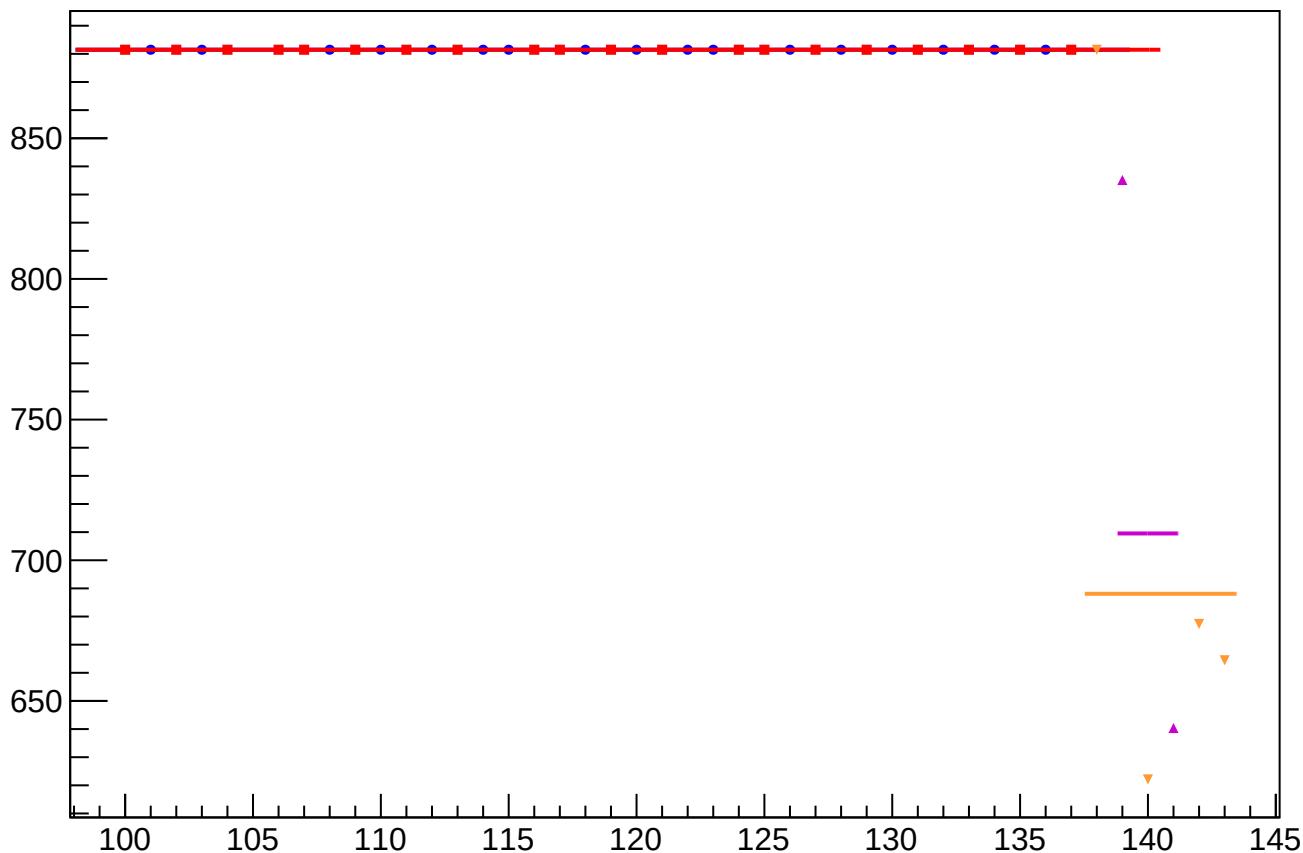
Left In: -731.501 $\pm$ 560.607 χ^2 /NDF:2.0/1

760.594 $\pm$ 216.651 χ^2 /NDF: 6.4/20

-8.281 $\pm$ 152.192 χ^2 /NDF: 33.2/42

-757.336 $\pm$ 213.841 χ^2 /NDF: 2.0/21

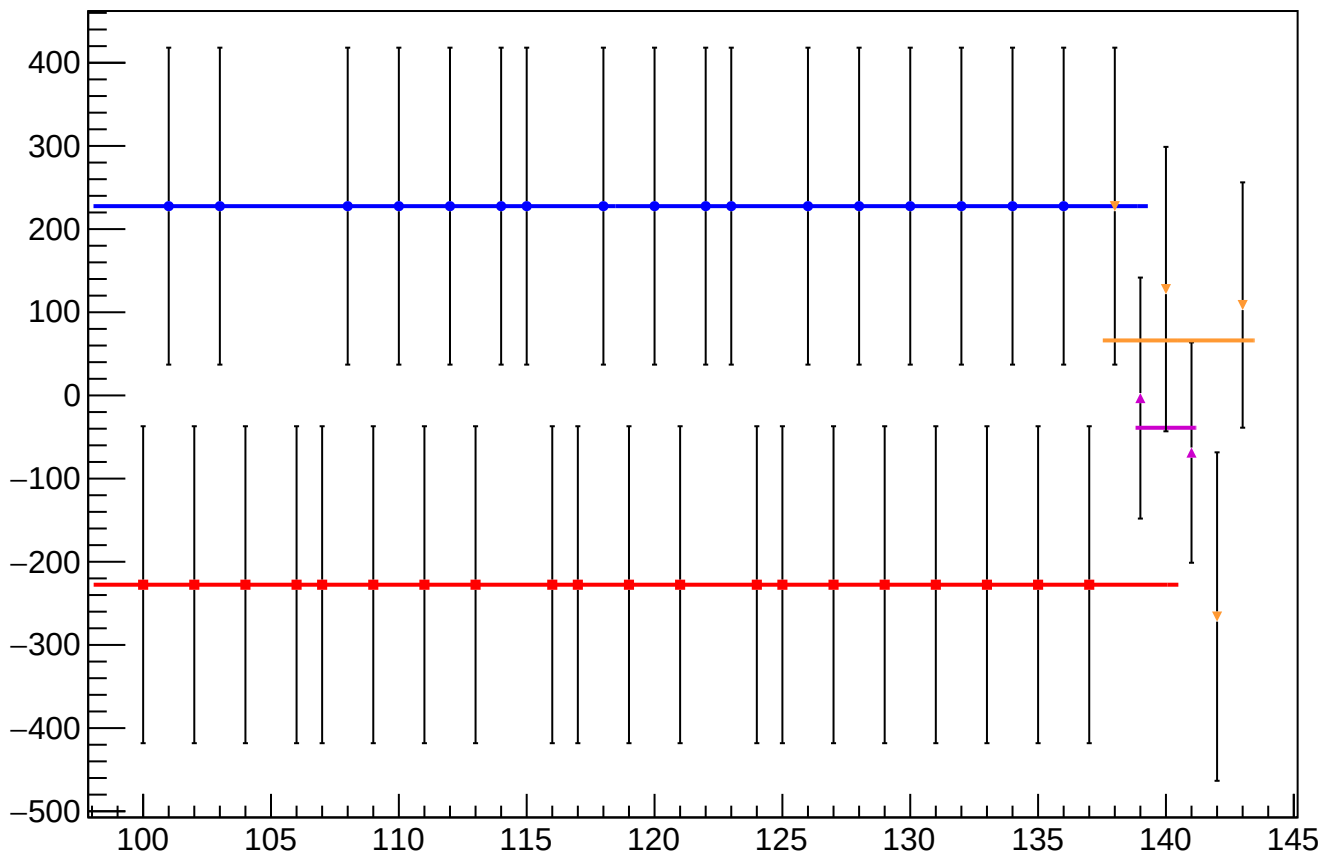
asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 881.467 $\pm$ 0.177 χ^2 /NDF: 0.0/16
 Left Out: 688.086 $\pm$ 0.304 χ^2 /NDF: 89609.4/3
 Right Out: 881.467 $\pm$ 0.164 χ^2 /NDF: 0.0/19
 Left In: 709.533 $\pm$ 0.396 χ^2 /NDF: 55295.7/1

832.260 $\pm$ 0.153 χ^2 /NDF: 391899.7/20
 844.513 $\pm$ 0.108 χ^2 /NDF: 620576.2/42
 856.451 $\pm$ 0.151 χ^2 /NDF: 216046.4/21

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 227.596 ± 46.216 χ^2/NDF : 0.0/16

Left Out: 66.131 ± 86.597 χ^2/NDF : 3.8/3

Right Out: -227.596 ± 42.609 χ^2/NDF : 0.0/19

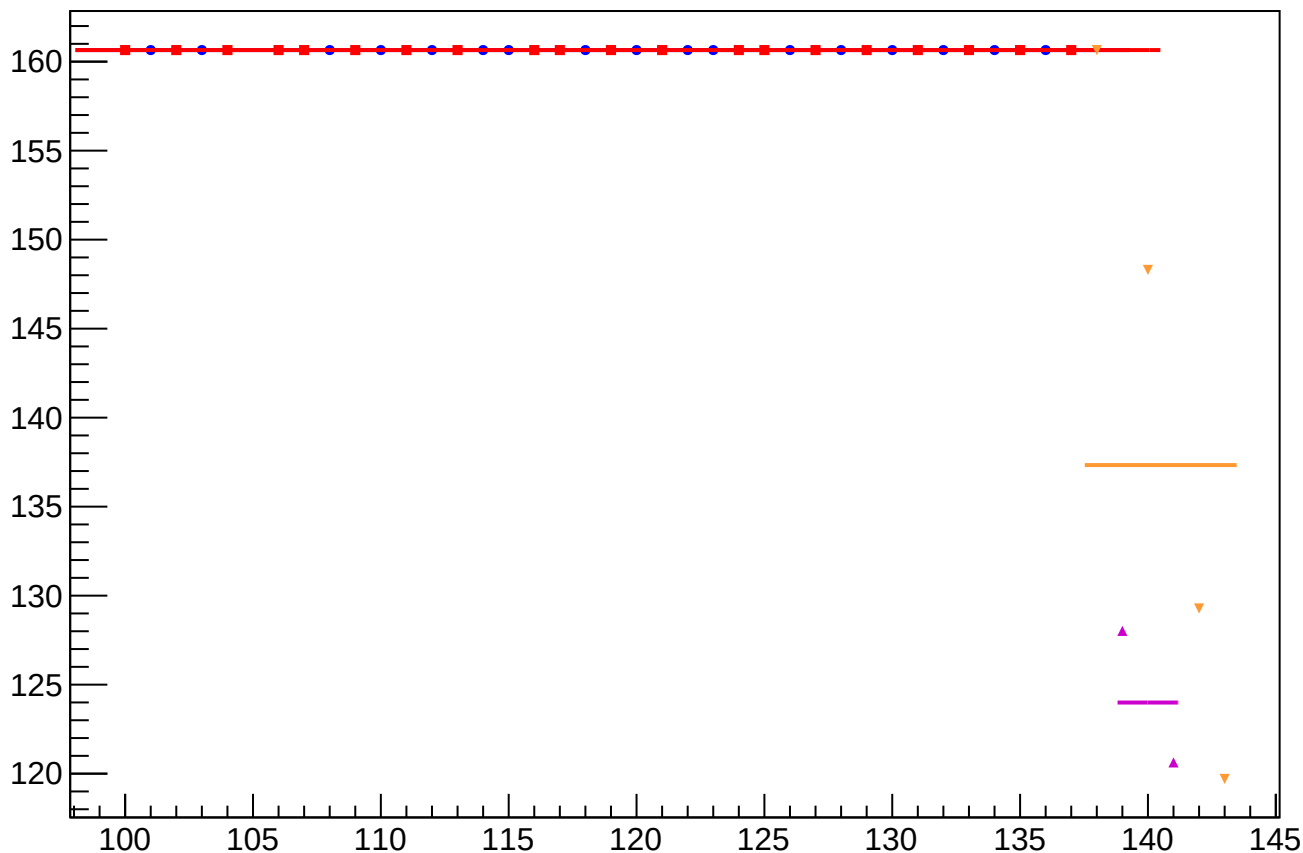
Left In: -38.877 ± 97.771 χ^2/NDF : 0.1/1

191.801 ± 40.773 χ^2/NDF : 6.5/20

-11.180 ± 28.206 χ^2/NDF : 57.2/42

-197.474 ± 39.061 χ^2/NDF : 3.2/21

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 160.650 $\pm$ 0.033 χ^2 /NDF: 0.0/16

Left Out: 137.336 $\pm$ 0.061 χ^2 /NDF: 70073.8/3

Right Out: 160.650 $\pm$ 0.030 χ^2 /NDF: 0.0/19

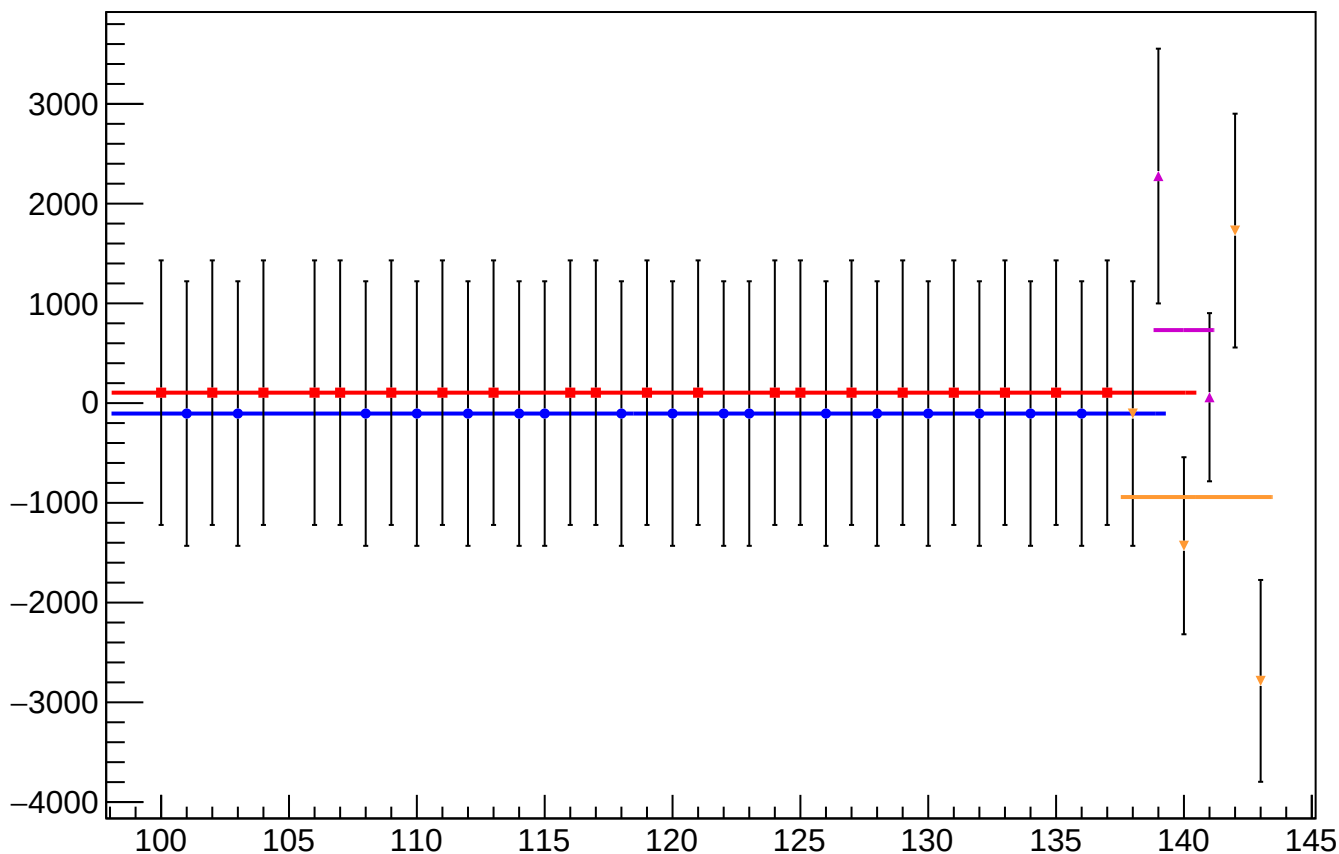
Left In: 123.995 $\pm$ 0.069 χ^2 /NDF: 2833.1/1

155.482 $\pm$ 0.029 χ^2 /NDF: 182903.6/20

155.126 $\pm$ 0.020 χ^2 /NDF: 422266.3/42

154.799 $\pm$ 0.028 χ^2 /NDF: 239070.8/21

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: -104.711 $\pm$ 321.680 χ^2 /NDF: 0.0/16

Left Out: -941.782 $\pm$ 531.303 χ^2 /NDF: 9.2/3

Right Out: 104.711 $\pm$ 296.574 χ^2 /NDF: 0.0/19

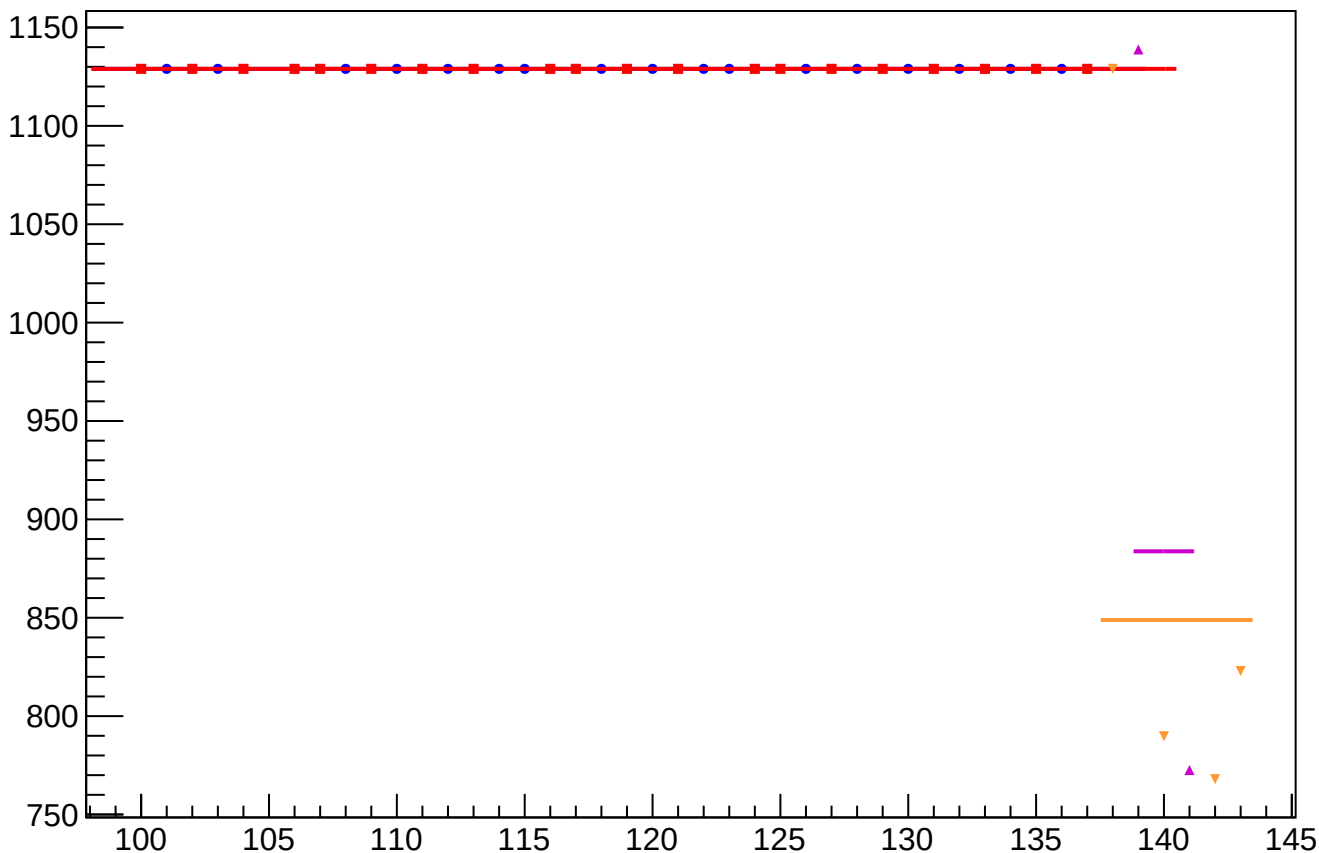
Left In: 732.166 $\pm$ 703.627 χ^2 /NDF: 2.1/1

-329.250 $\pm$ 275.174 χ^2 /NDF: 11.0/20

-63.126 $\pm$ 193.908 χ^2 /NDF: 15.7/42

199.366 $\pm$ 273.290 χ^2 /NDF: 2.8/21

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 1128.979 $\pm$ 0.227 χ^2 /NDF: 0.0/16

Left Out: 848.857 $\pm$ 0.376 χ^2 /NDF:108921.1/3

Right Out: 1128.979 $\pm$ 0.210 χ^2 /NDF: 0.0/19

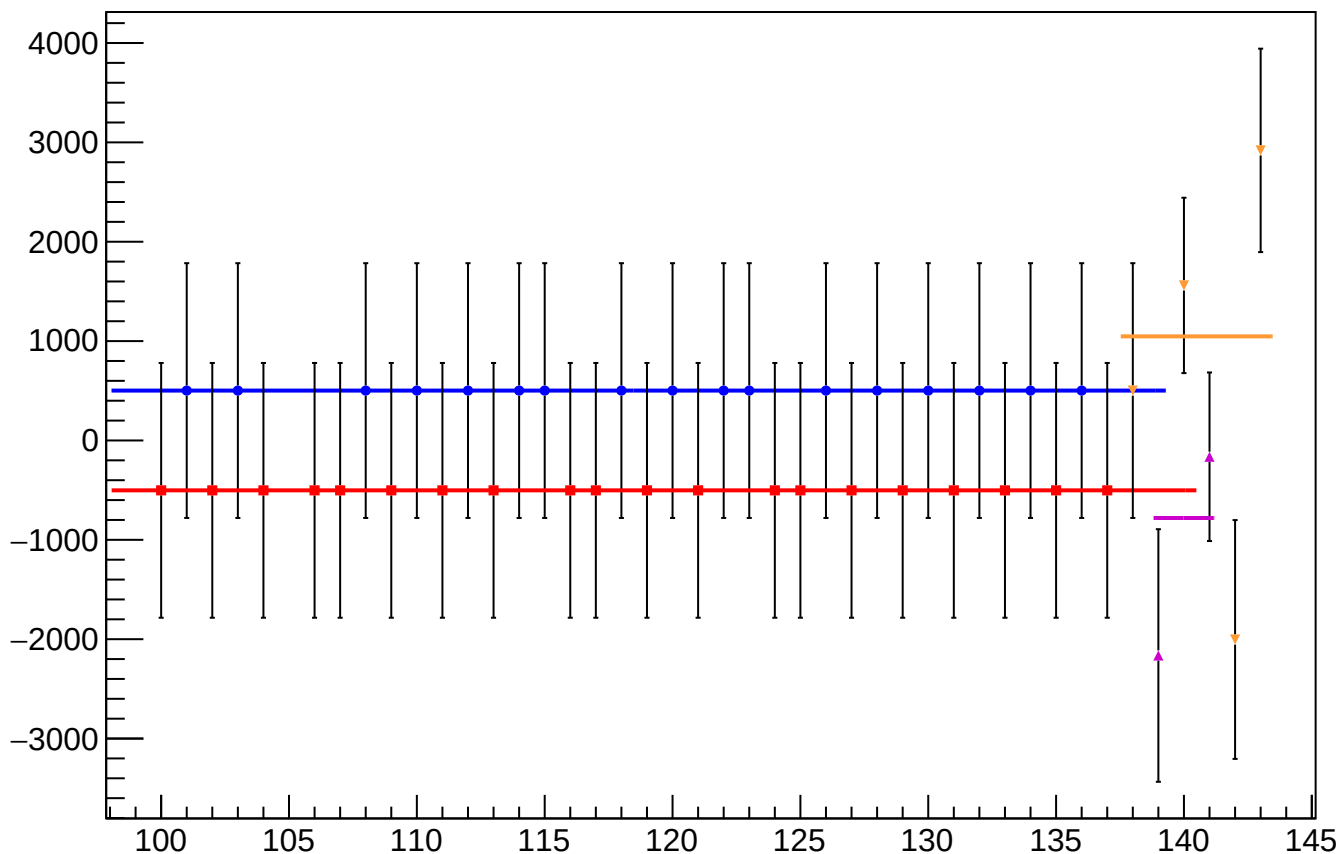
Left In: 883.771 $\pm$ 0.498 χ^2 /NDF:114542.2/1

1053.838 $\pm$ 0.195 χ^2 /NDF: 515744.7/20

1073.044 $\pm$ 0.137 χ^2 /NDF: 855889.7/42

1091.988 $\pm$ 0.193 χ^2 /NDF: 320792.0/21

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 502.043+/-310.943 χ^2/NDF : 0.0/16

Left Out: 1047.660+/-531.534 χ^2/NDF : 10.3/3

Right Out: -502.043+/-286.675 χ^2/NDF : 0.0/19

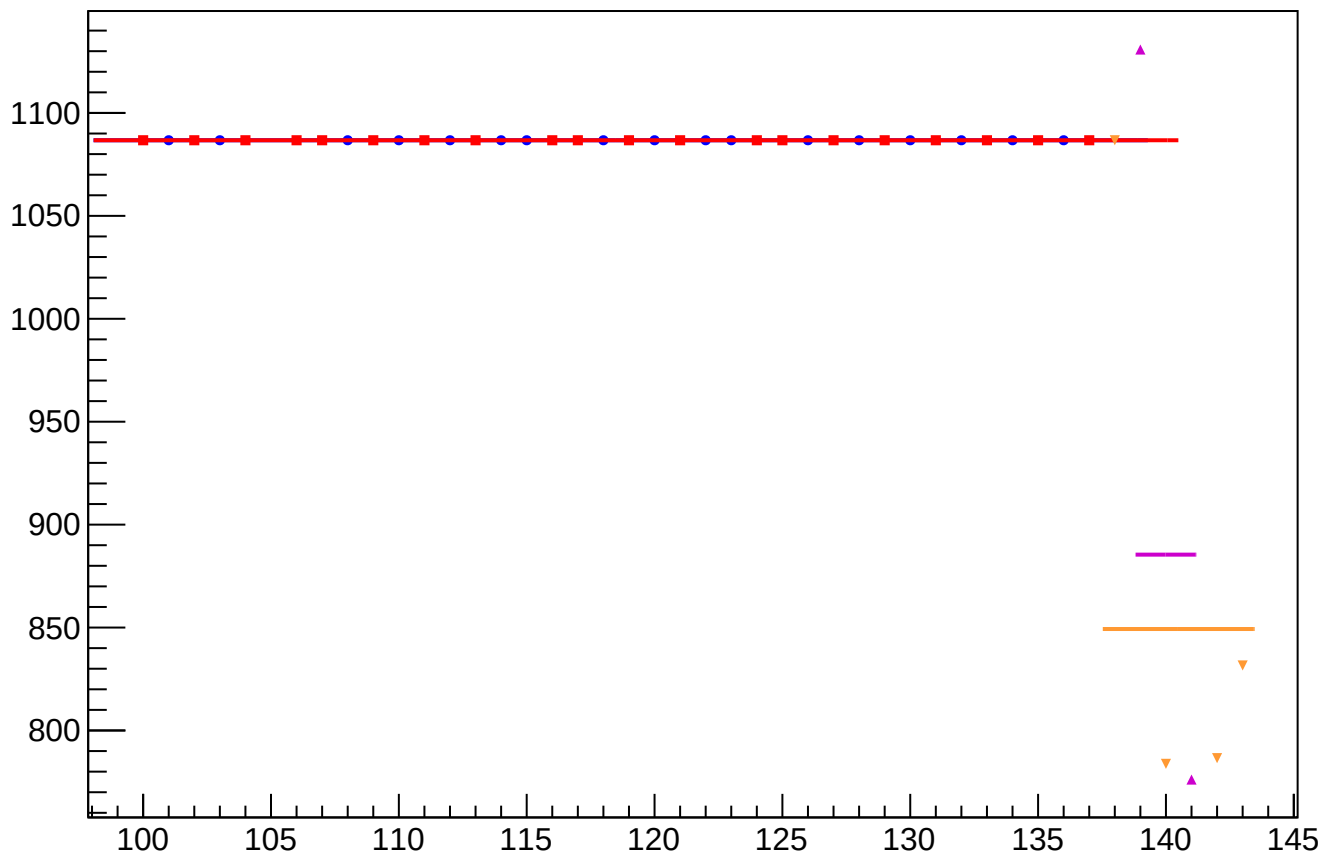
Left In: -780.250+/-705.532 χ^2/NDF : 1.7/1

641.155+/-268.392 χ^2/NDF : 11.1/20

43.634+/-188.783 χ^2/NDF : 22.7/42

-541.466+/-265.588 χ^2/NDF : 1.8/21

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1086.731 $\pm$ 0.220 χ^2 /NDF: 0.0/16

Left Out: 849.291 $\pm$ 0.376 χ^2 /NDF:85669.4/3

Right Out: 1086.731 $\pm$ 0.203 χ^2 /NDF: 0.0/19

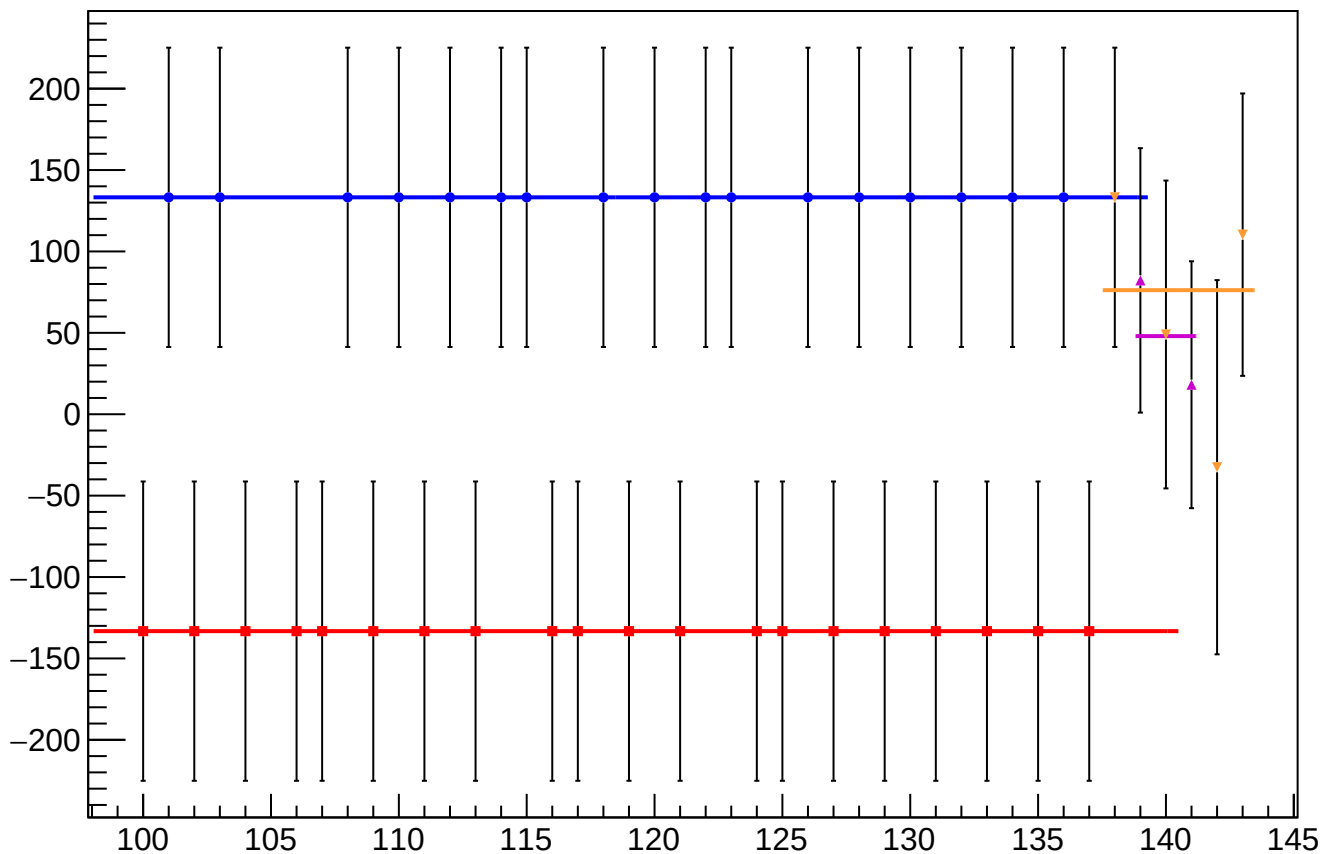
Left In: 885.422 $\pm$ 0.499 χ^2 /NDF:107732.4/1

1026.193 $\pm$ 0.190 χ^2 /NDF: 383008.7/20

1042.367 $\pm$ 0.133 χ^2 /NDF: 644869.1/42

1058.205 $\pm$ 0.188 χ^2 /NDF: 247485.0/21

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 133.239 $\pm$ 22.296 χ^2 /NDF: 0.0/16

Left Out: 76.216 $\pm$ 47.736 χ^2 /NDF:1.5/3

Right Out: -133.239 $\pm$ 20.556 χ^2 /NDF: 0.0/19

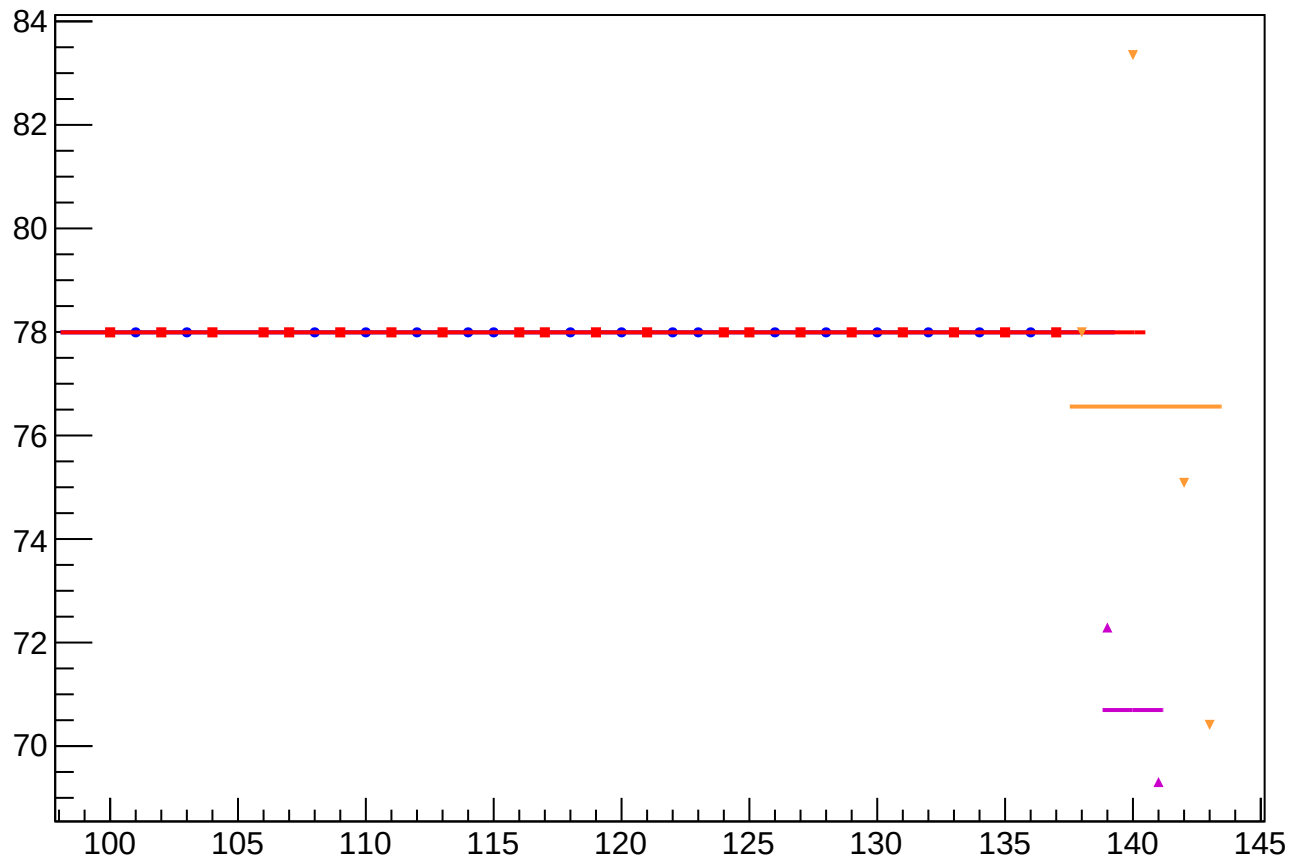
Left In: 47.982 $\pm$ 55.424 χ^2 /NDF:0.3/1

123.027 $\pm$ 20.201 χ^2 /NDF: 2.7/20

0.344 $\pm$ 13.945 χ^2 /NDF: 82.9/42

-111.326 $\pm$ 19.273 χ^2 /NDF: 9.7/21

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 77.993 $\pm$ 0.016 χ^2 /NDF: 0.0/16

Left Out: 76.559 $\pm$ 0.034 χ^2 /NDF:21182.5/3

Right Out: 77.993 $\pm$ 0.015 χ^2 /NDF: 0.0/19

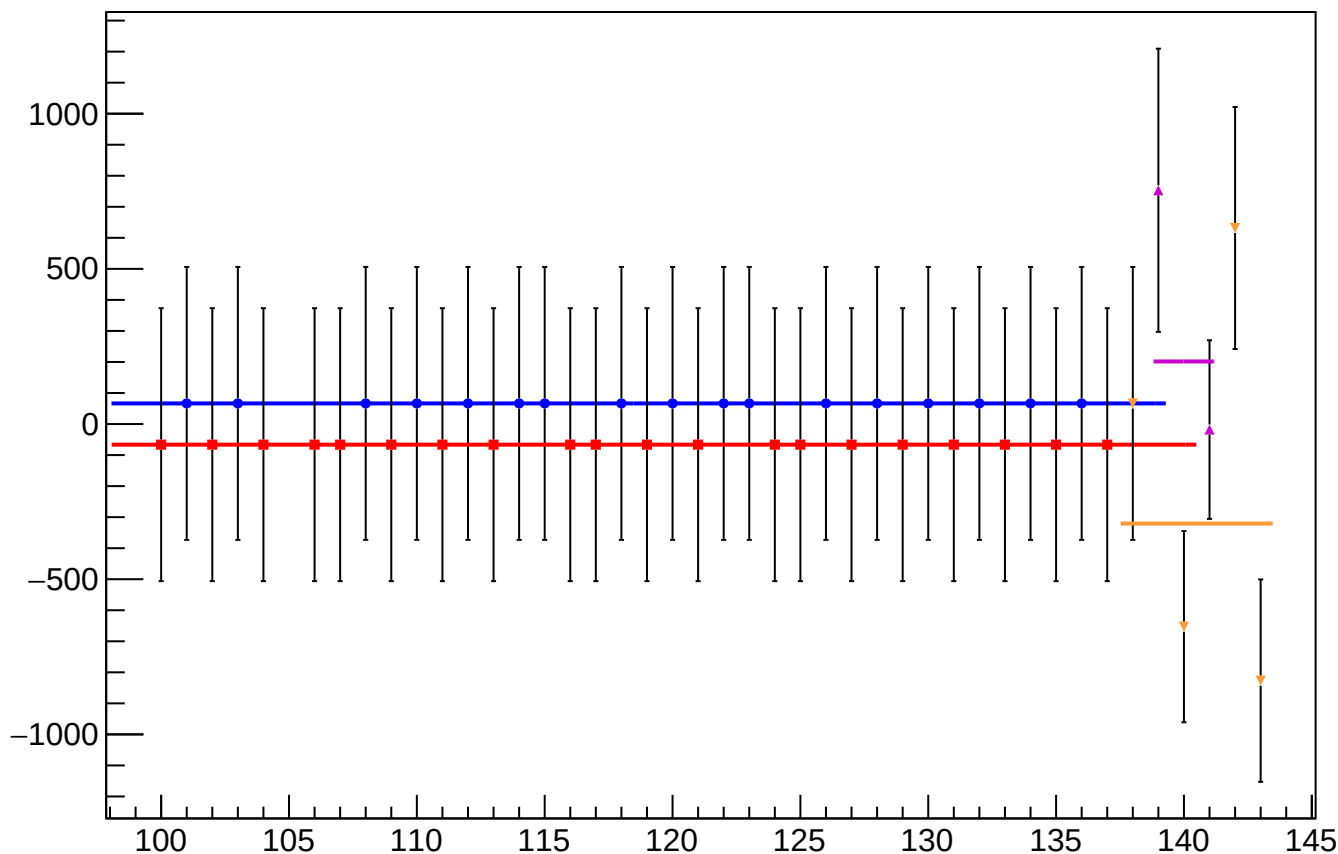
Left In: 70.696 $\pm$ 0.039 χ^2 /NDF:1444.2/1

77.736 $\pm$ 0.014 χ^2 /NDF: 22663.5/20

77.408 $\pm$ 0.010 χ^2 /NDF: 55578.8/42

77.110 $\pm$ 0.014 χ^2 /NDF: 31911.6/21

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 66.428+/-106.649 χ^2/NDF : 0.0/16

Left Out: -320.590+/-177.635 χ^2/NDF :10.3/3

Right Out: -66.428+/-98.326 χ^2/NDF : 0.0/19

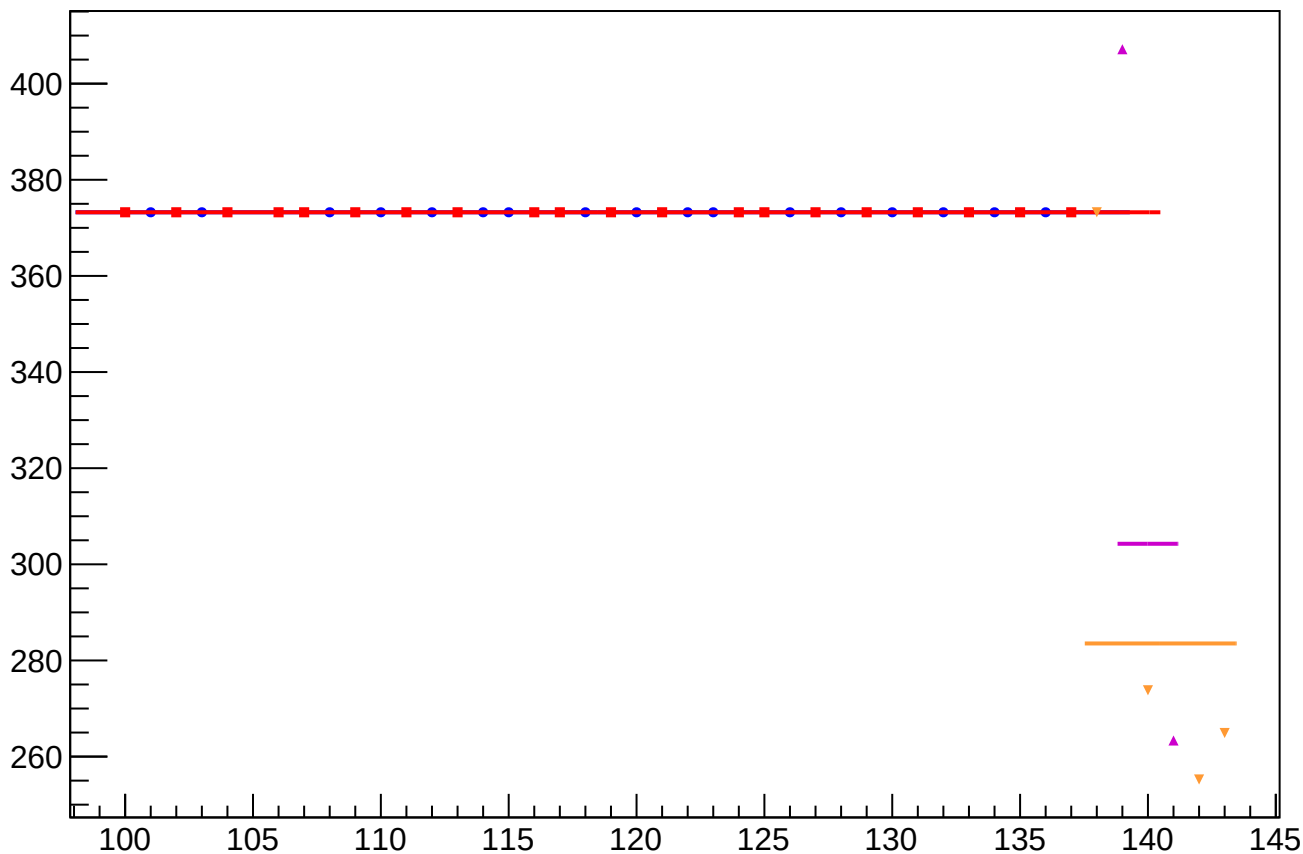
Left In: 201.608+/-243.383 χ^2/NDF :2.0/1

-36.115+/-91.435 χ^2/NDF : 13.8/20

-32.456+/-64.559 χ^2/NDF : 16.9/42

-28.820+/-91.167 χ^2/NDF : 3.1/21

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 373.239+/-0.075 χ^2/NDF : 0.0/16

Left Out: 283.535+/-0.126 χ^2/NDF : 102288.3/3

Right Out: 373.239+/-0.070 χ^2/NDF : 0.0/19

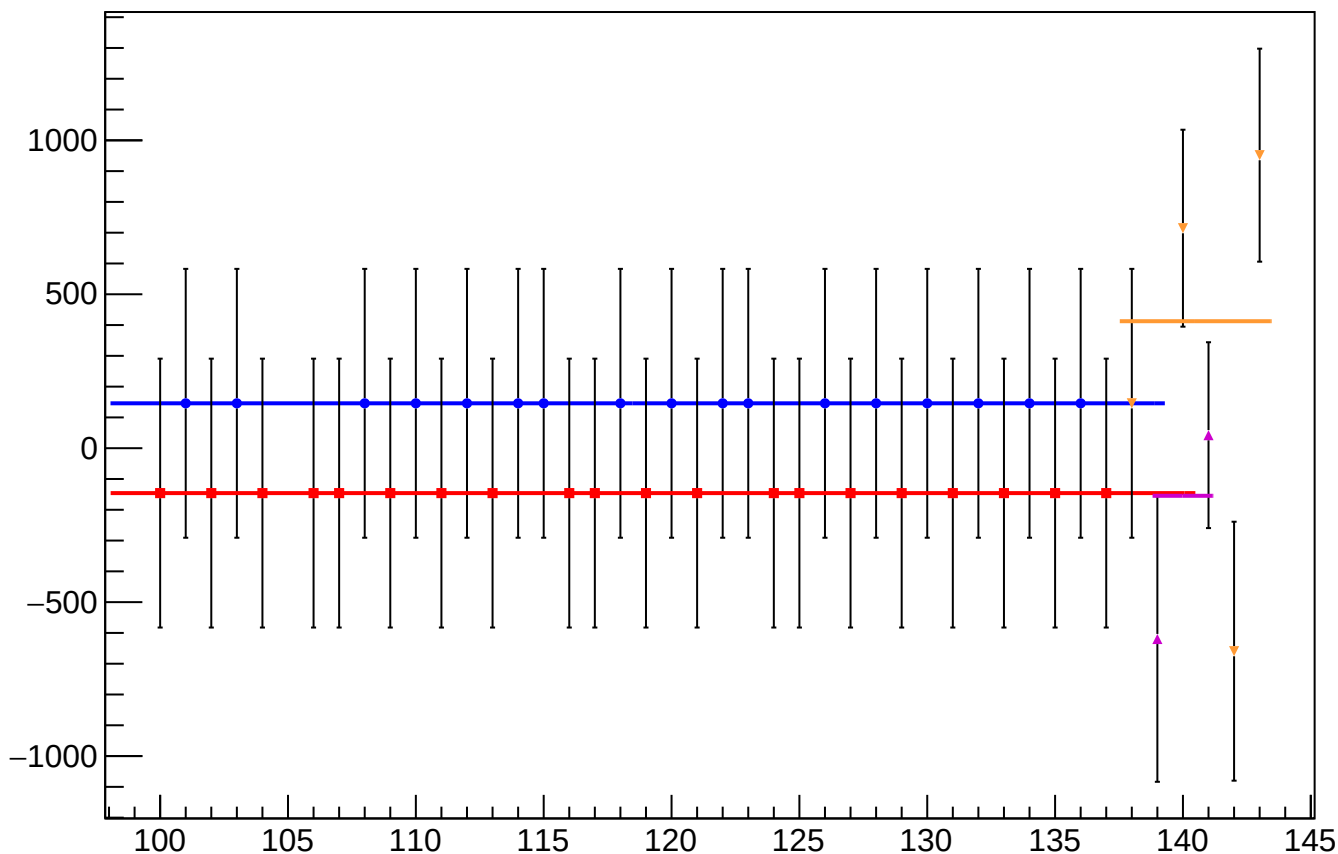
Left In: 304.274+/-0.172 χ^2/NDF : 142158.3/1

349.472+/-0.065 χ^2/NDF : 477185.1/20

356.538+/-0.046 χ^2/NDF : 781218.2/42

363.563+/-0.064 χ^2/NDF : 280214.1/21

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 145.833 $\pm$ 105.907 χ^2 /NDF: 0.0/16

Left Out: 412.498 $\pm$ 185.605 χ^2 /NDF:10.2/3

Right Out: -145.833 $\pm$ 97.641 χ^2 /NDF: 0.0/19

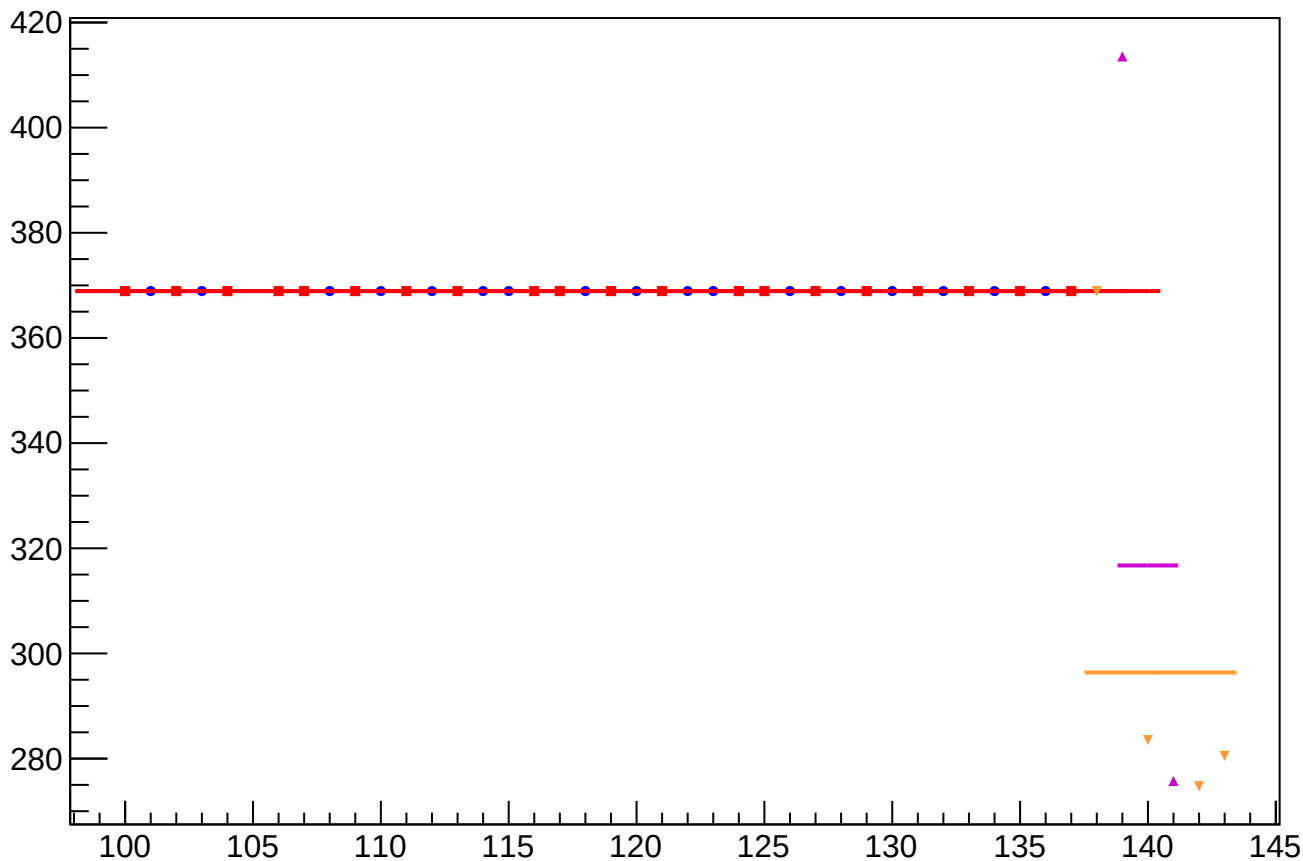
Left In: -154.583 $\pm$ 252.986 χ^2 /NDF:1.4/1

211.331 $\pm$ 91.986 χ^2 /NDF: 11.7/20

30.433 $\pm$ 64.725 χ^2 /NDF: 20.8/42

-146.967 $\pm$ 91.092 χ^2 /NDF: 1.4/21

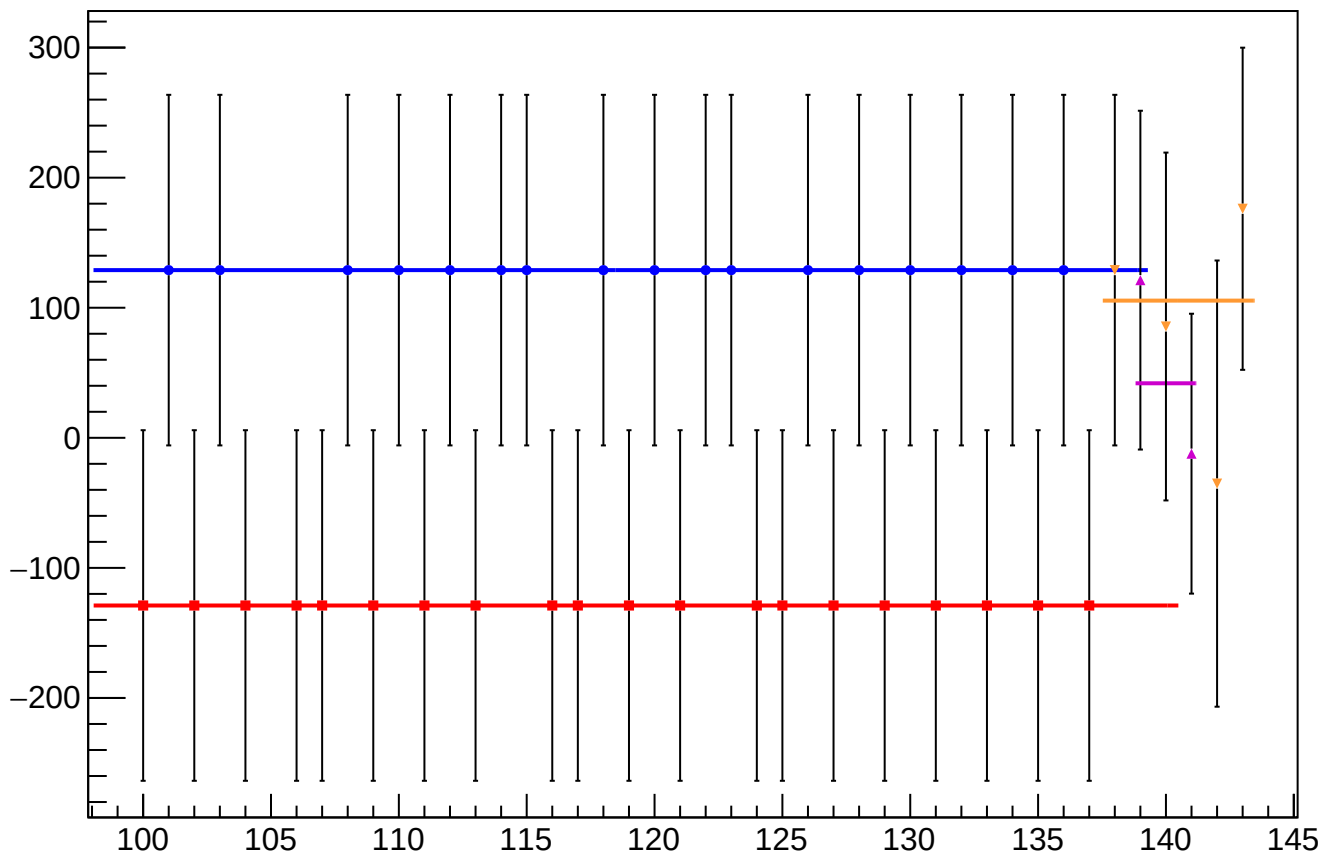
asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 368.918 $\pm$ 0.075 χ^2 /NDF: 0.0/16
 Left Out: 296.377 $\pm$ 0.131 χ^2 /NDF: 67918.1/3
 Right Out: 368.918 $\pm$ 0.069 χ^2 /NDF: 0.0/19
 Left In: 316.734 $\pm$ 0.179 χ^2 /NDF: 124015.0/1

351.101 $\pm$ 0.065 χ^2 /NDF: 298385.2/20
 356.681 $\pm$ 0.046 χ^2 /NDF: 511039.7/42
 362.153 $\pm$ 0.064 χ^2 /NDF: 198078.2/21

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 128.920 +/- 32.686 χ^2/NDF : 0.0/16

Left Out: 105.476 +/- 68.975 χ^2/NDF : 1.1/3

Right Out: -128.920 +/- 30.135 χ^2/NDF : 0.0/19

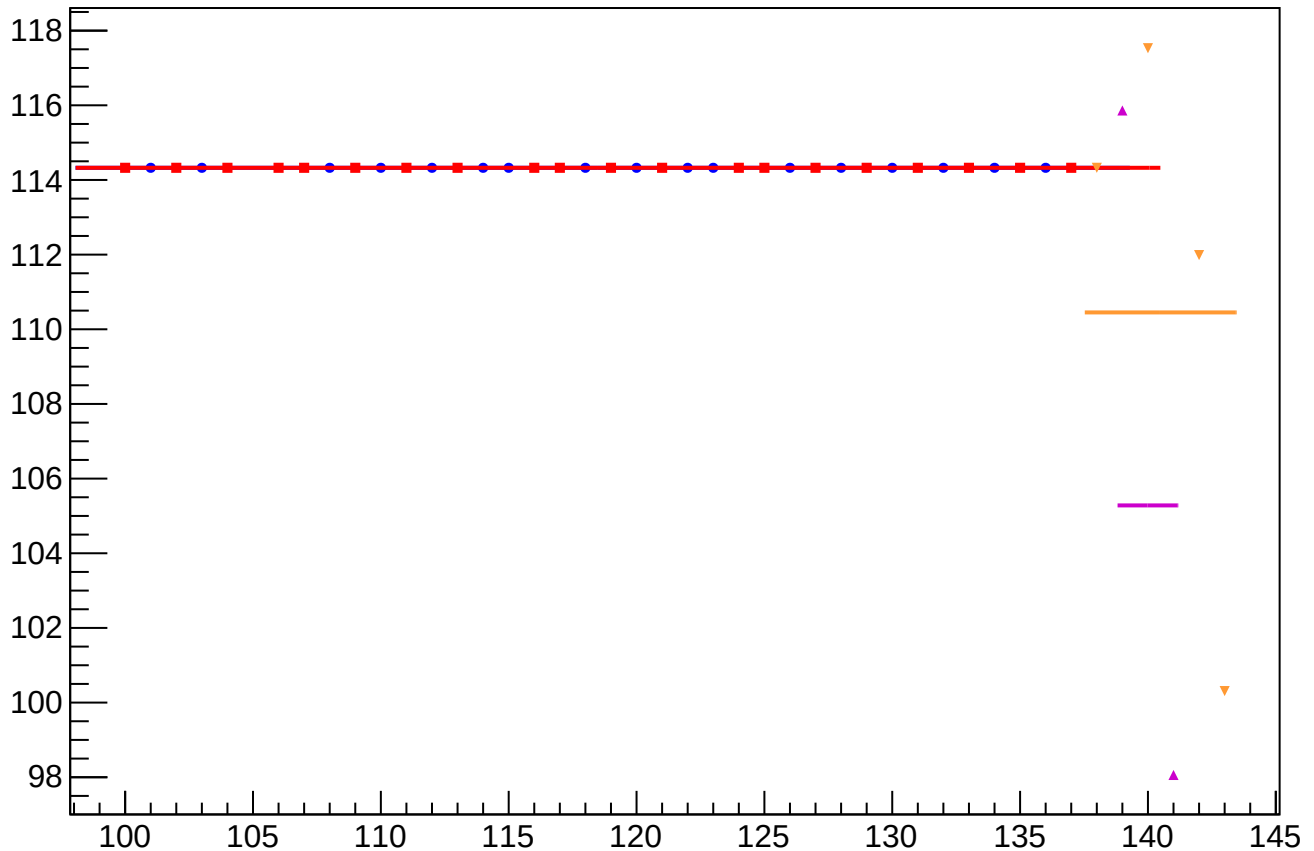
Left In: 41.919 +/- 82.944 χ^2/NDF : 0.6/1

124.621 +/- 29.537 χ^2/NDF : 1.1/20

2.912 +/- 20.443 χ^2/NDF : 38.1/42

-108.999 +/- 28.323 χ^2/NDF : 4.4/21

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 114.326 $\pm$ 0.023 χ^2 /NDF: 0.0/16

Left Out: 110.452 $\pm$ 0.049 χ^2 /NDF: 20835.9/3

Right Out: 114.326 $\pm$ 0.021 χ^2 /NDF: 0.0/19

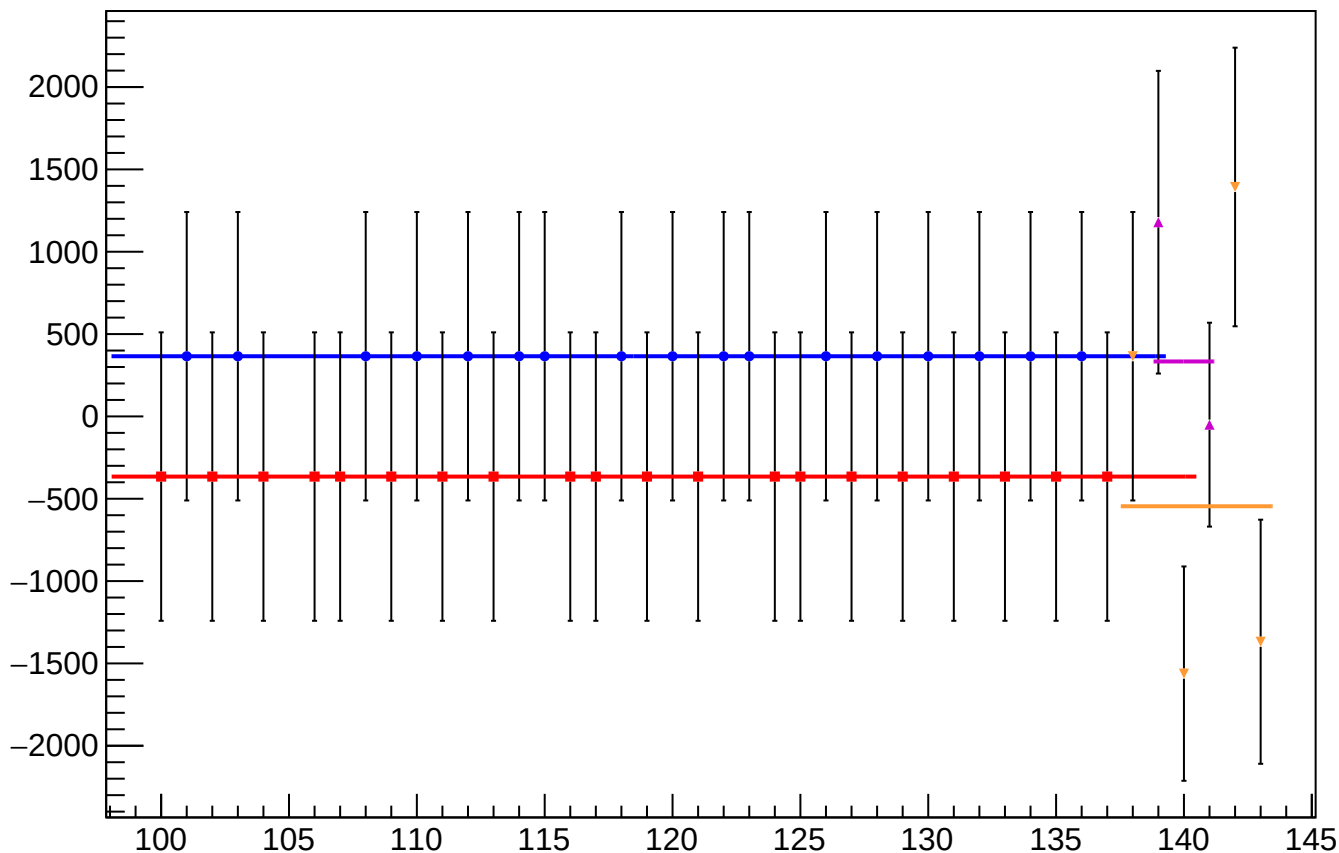
Left In: 105.282 $\pm$ 0.059 χ^2 /NDF: 22207.4/1

113.615 $\pm$ 0.021 χ^2 /NDF: 25988.7/20

113.436 $\pm$ 0.014 χ^2 /NDF: 69342.9/42

113.271 $\pm$ 0.020 χ^2 /NDF: 43212.9/21

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 365.387 $\pm$ 212.417 χ^2 /NDF: 0.0/16

Left Out: -545.672 $\pm$ 381.180 χ^2 /NDF:10.0/3

Right Out: -365.387 $\pm$ 195.839 χ^2 /NDF: 0.0/19

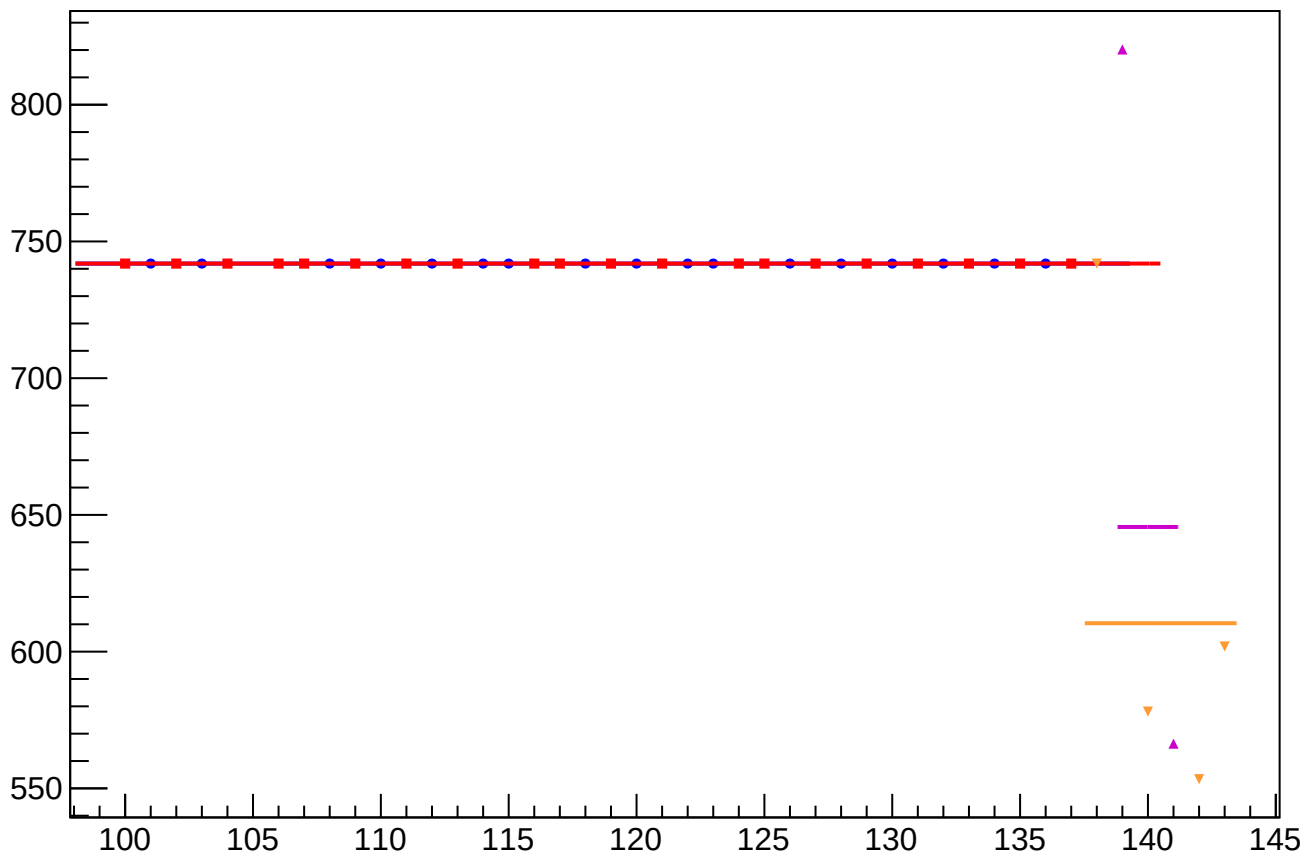
Left In: 333.667 $\pm$ 513.438 χ^2 /NDF:1.2/1

149.506 $\pm$ 185.551 χ^2 /NDF: 14.4/20

-66.520 $\pm$ 130.286 χ^2 /NDF: 19.9/42

-276.601 $\pm$ 182.980 χ^2 /NDF: 2.8/21

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 741.907 $\pm$ 0.150 χ^2 /NDF: 0.0/16

Left Out: 610.389 $\pm$ 0.270 χ^2 /NDF: 59381.5/3

Right Out: 741.907 $\pm$ 0.138 χ^2 /NDF: 0.0/19

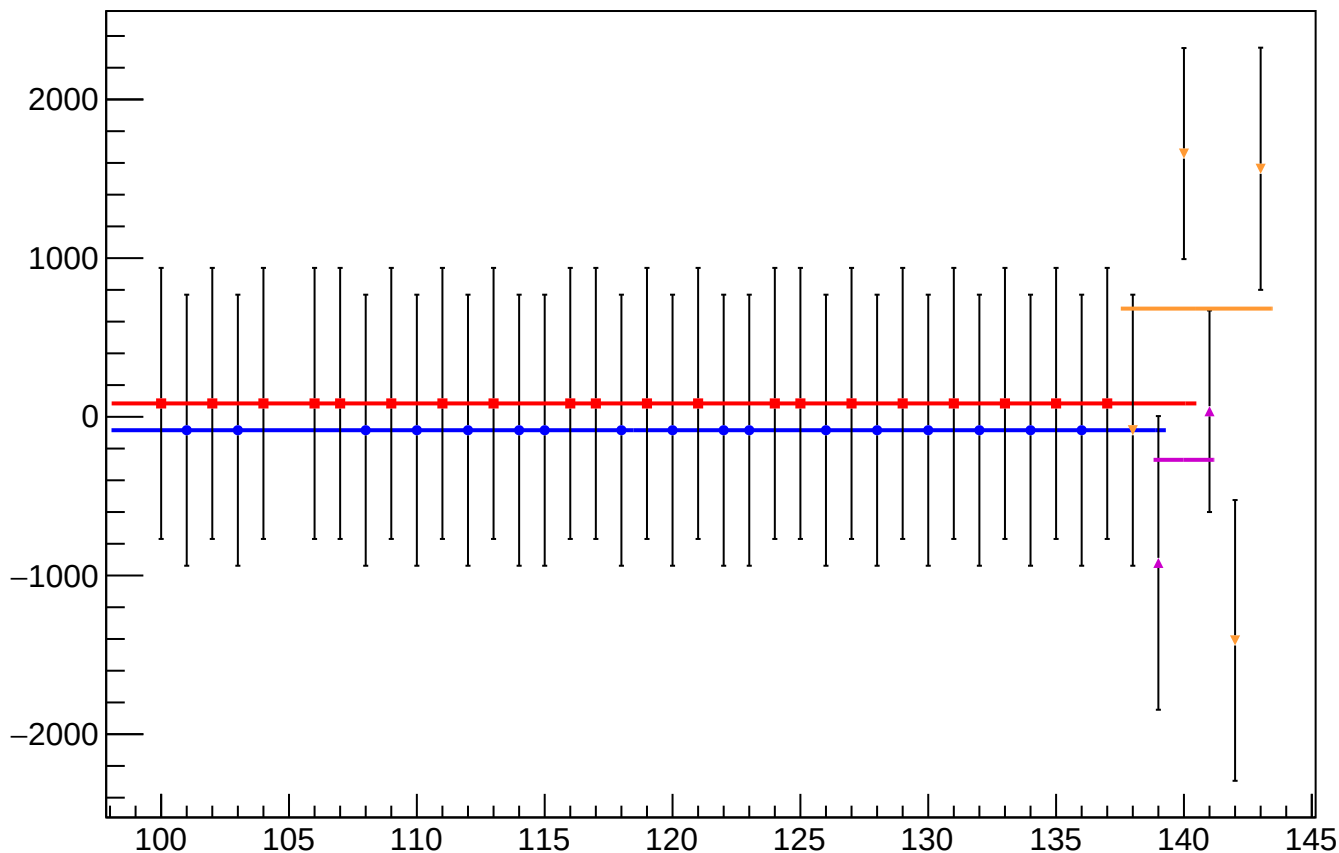
Left In: 645.589 $\pm$ 0.363 χ^2 /NDF: 104981.3/1

710.743 $\pm$ 0.131 χ^2 /NDF: 241054.5/20

720.341 $\pm$ 0.092 χ^2 /NDF: 418034.0/42

729.674 $\pm$ 0.129 χ^2 /NDF: 166425.2/21

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: -84.386 ± 207.148 χ^2/NDF : 0.0/16

Left Out: 681.955 ± 388.458 χ^2/NDF : 9.9/3

Right Out: 84.386 ± 190.981 χ^2/NDF : 0.0/19

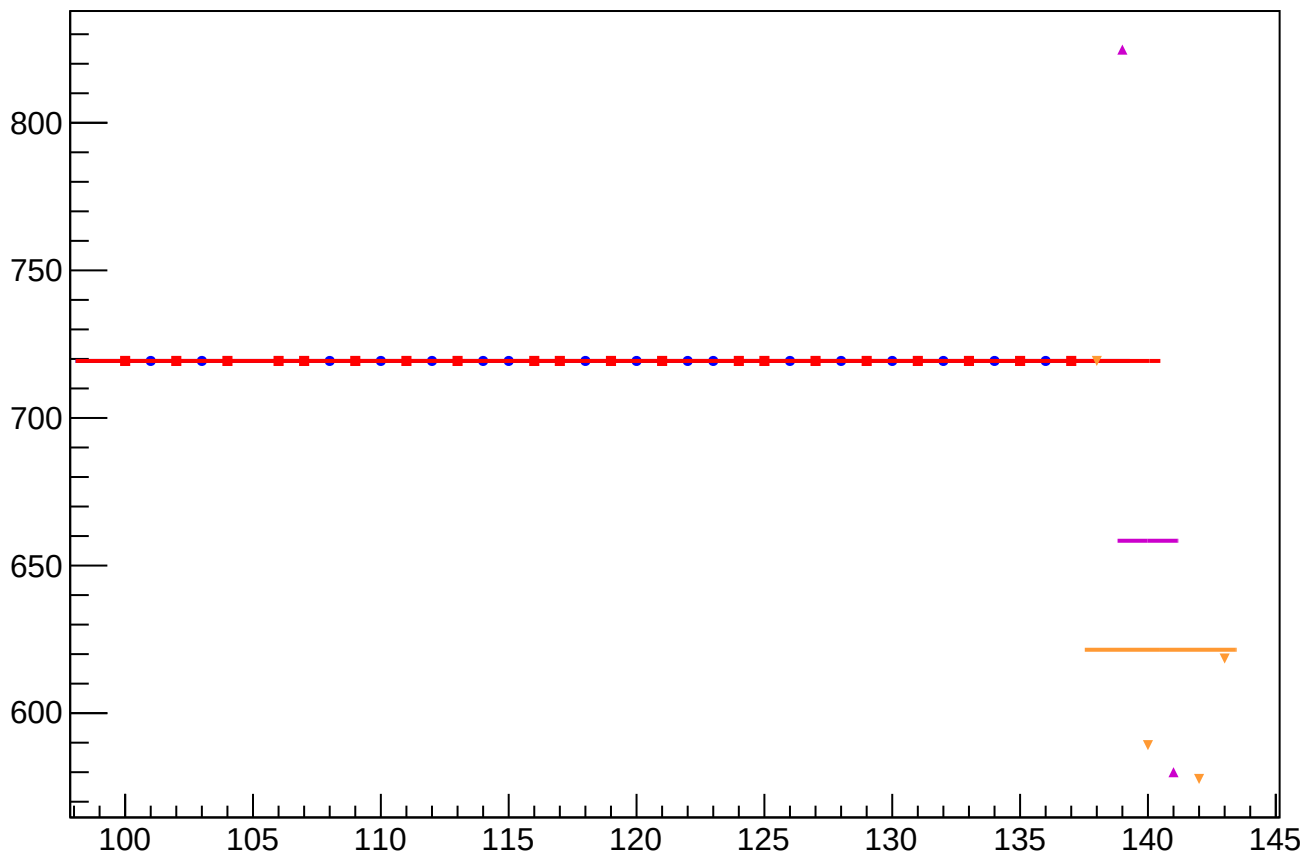
Left In: -271.003 ± 523.679 χ^2/NDF : 0.7/1

85.285 ± 182.784 χ^2/NDF : 12.9/20

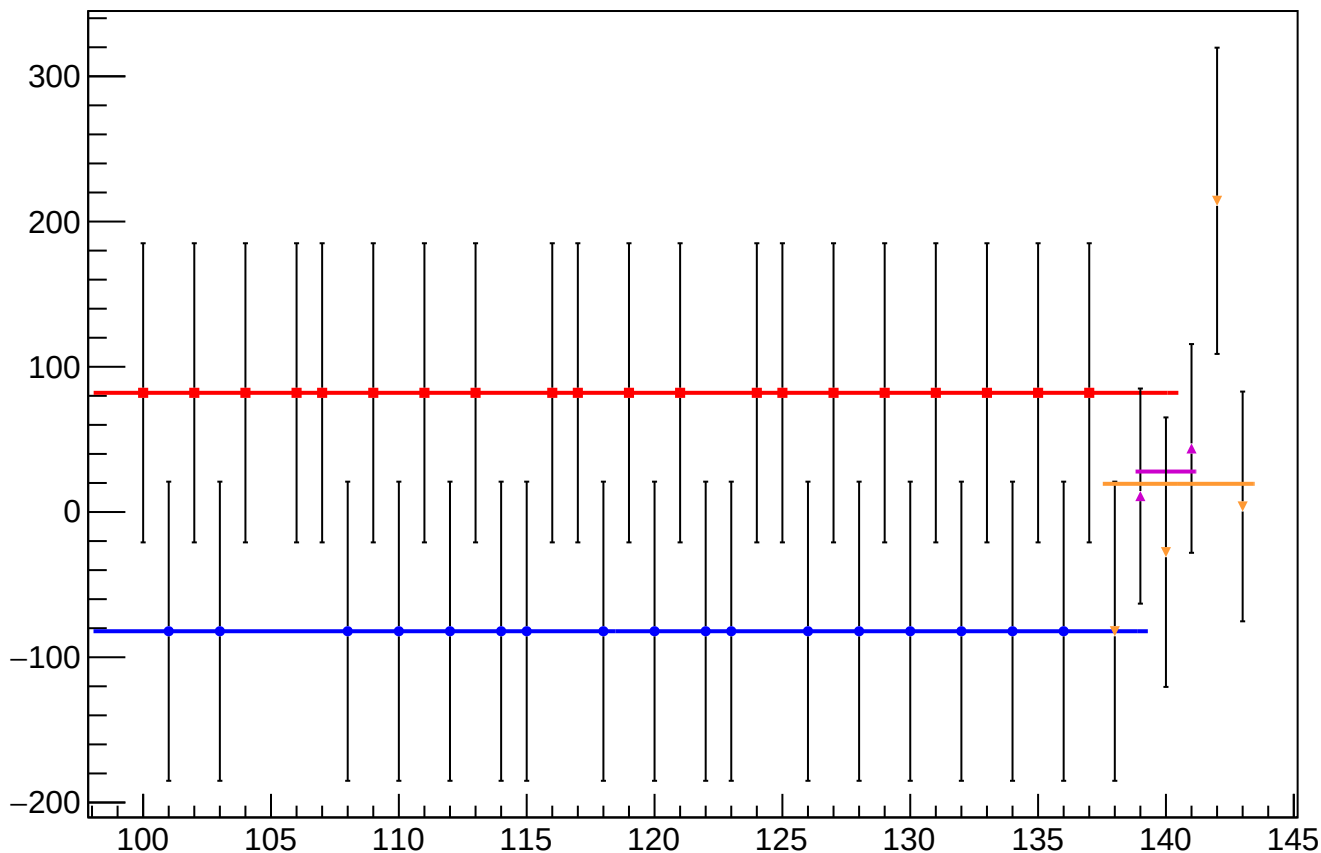
63.581 ± 128.043 χ^2/NDF : 14.1/42

42.668 ± 179.422 χ^2/NDF : 1.1/21

asym_sam_3726_avg_rms vs Slug, Sign Corrected



dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -82.077 ± 24.977 χ^2/NDF : 0.0/16

Left Out: 19.425 ± 46.612 χ^2/NDF : 4.7/3

Right Out: 82.077 ± 23.028 χ^2/NDF : 0.0/19

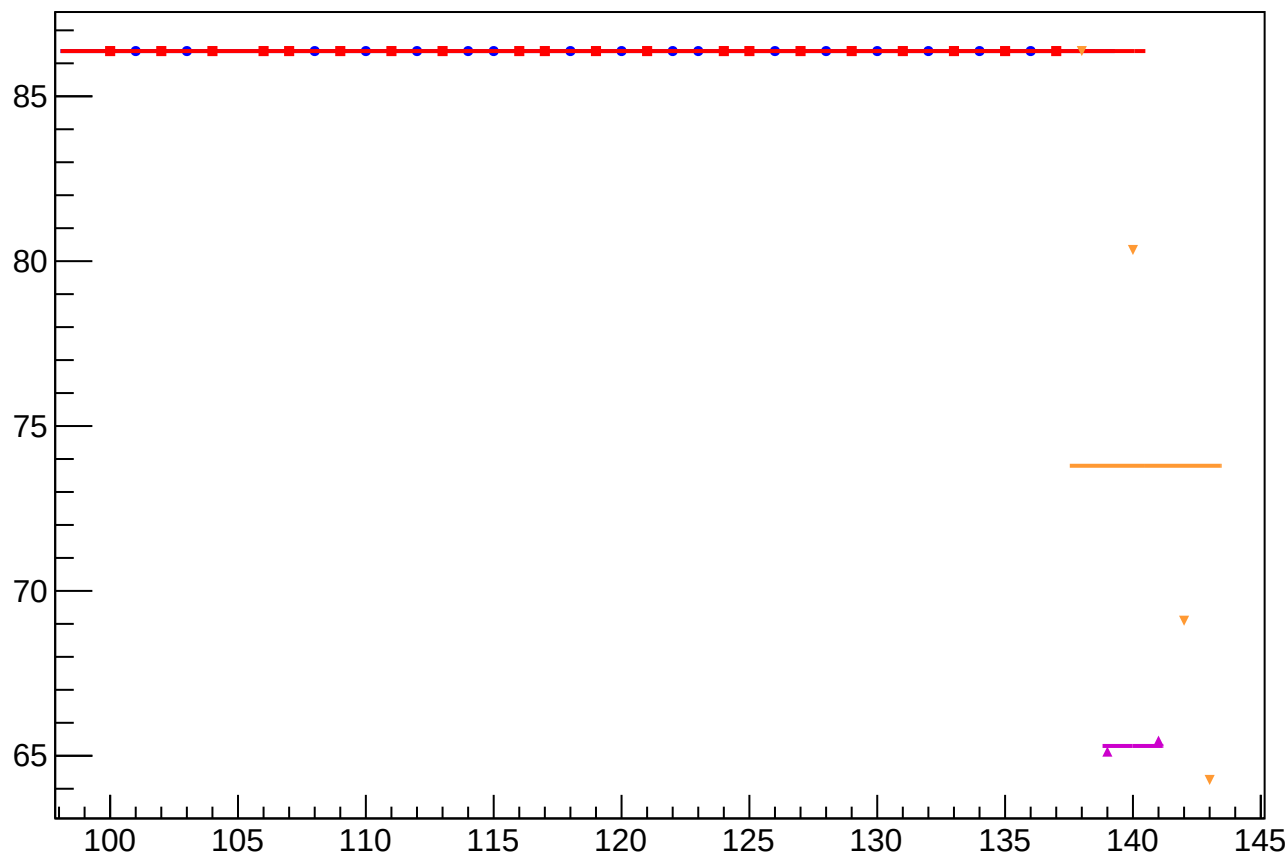
Left In: 27.869 ± 51.572 χ^2/NDF : 0.1/1

-59.434 ± 22.015 χ^2/NDF : 8.4/20

9.858 ± 15.206 χ^2/NDF : 28.3/42

73.066 ± 21.027 χ^2/NDF : 1.0/21

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 86.371 $\pm$ 0.018 χ^2 /NDF: 0.0/16

Left Out: 73.795 $\pm$ 0.033 χ^2 /NDF: 72774.6/3

Right Out: 86.371 $\pm$ 0.016 χ^2 /NDF: 0.0/19

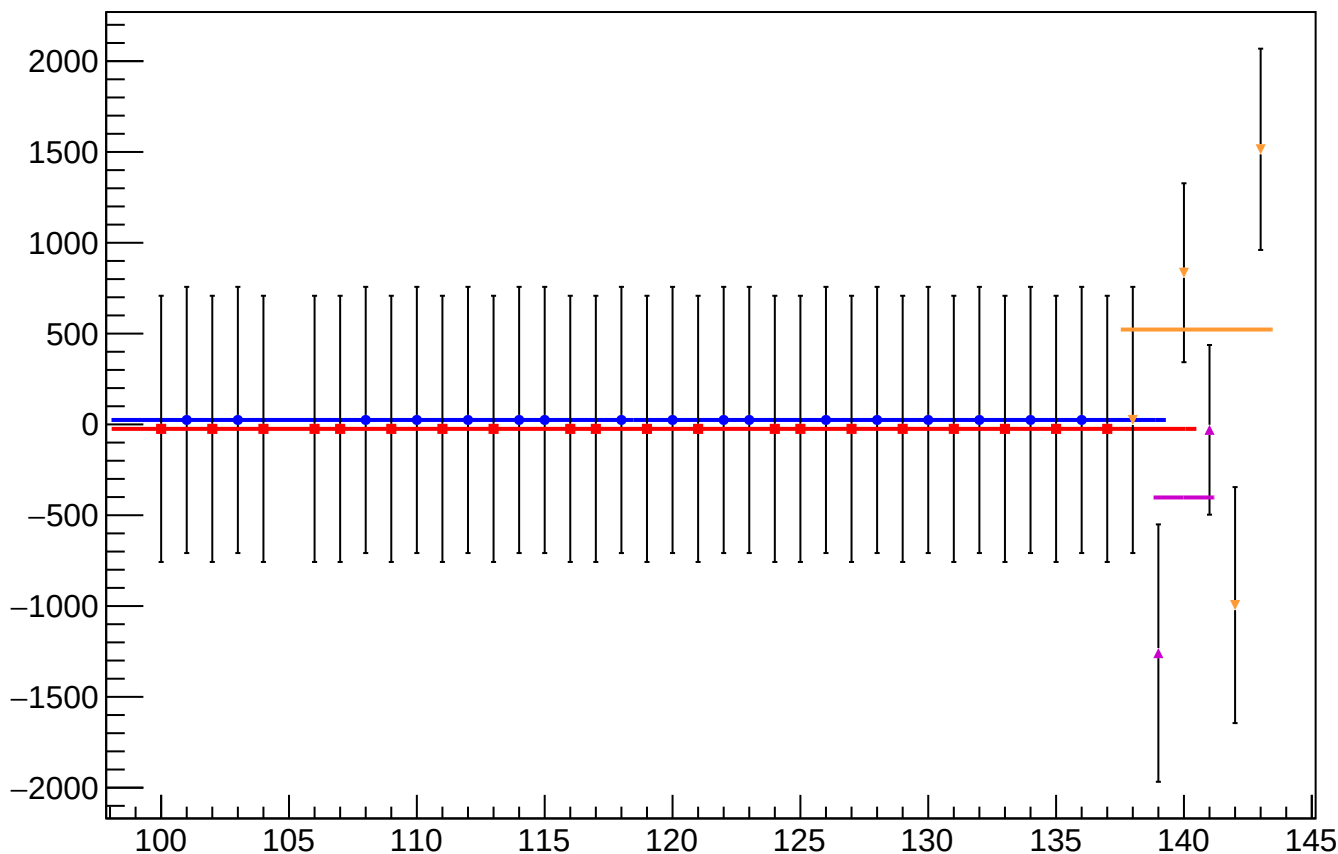
Left In: 65.298 $\pm$ 0.036 χ^2 /NDF: 20.7/1

83.566 $\pm$ 0.016 χ^2 /NDF: 185889.4/20

83.201 $\pm$ 0.011 χ^2 /NDF: 465400.7/42

82.868 $\pm$ 0.015 χ^2 /NDF: 278461.1/21

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 24.540 ± 177.726 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 522.386 ± 293.454 $\chi^2/\text{NDF}: 9.5/3$

Right Out: -24.540 ± 163.856 $\chi^2/\text{NDF}: 0.0/19$

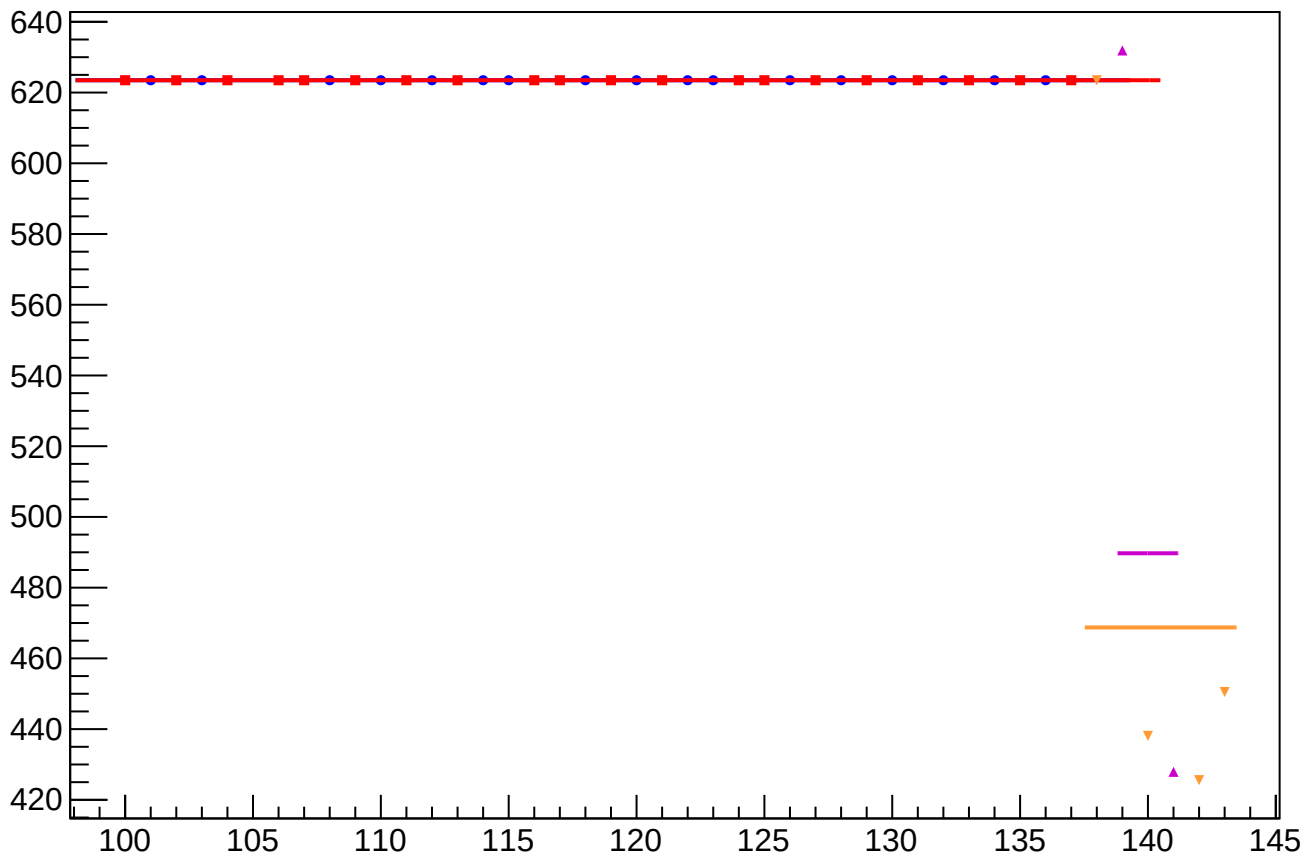
Left In: -402.183 ± 390.004 $\chi^2/\text{NDF}: 2.1/1$

158.143 ± 152.020 $\chi^2/\text{NDF}: 11.6/20$

37.718 ± 107.155 $\chi^2/\text{NDF}: 15.8/42$

-81.199 ± 151.064 $\chi^2/\text{NDF}: 2.9/21$

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 623.485 $\pm$ 0.126 χ^2 /NDF: 0.0/16

Left Out: 468.744 $\pm$ 0.208 χ^2 /NDF:107939.2/3

Right Out: 623.485 $\pm$ 0.116 χ^2 /NDF: 0.0/19

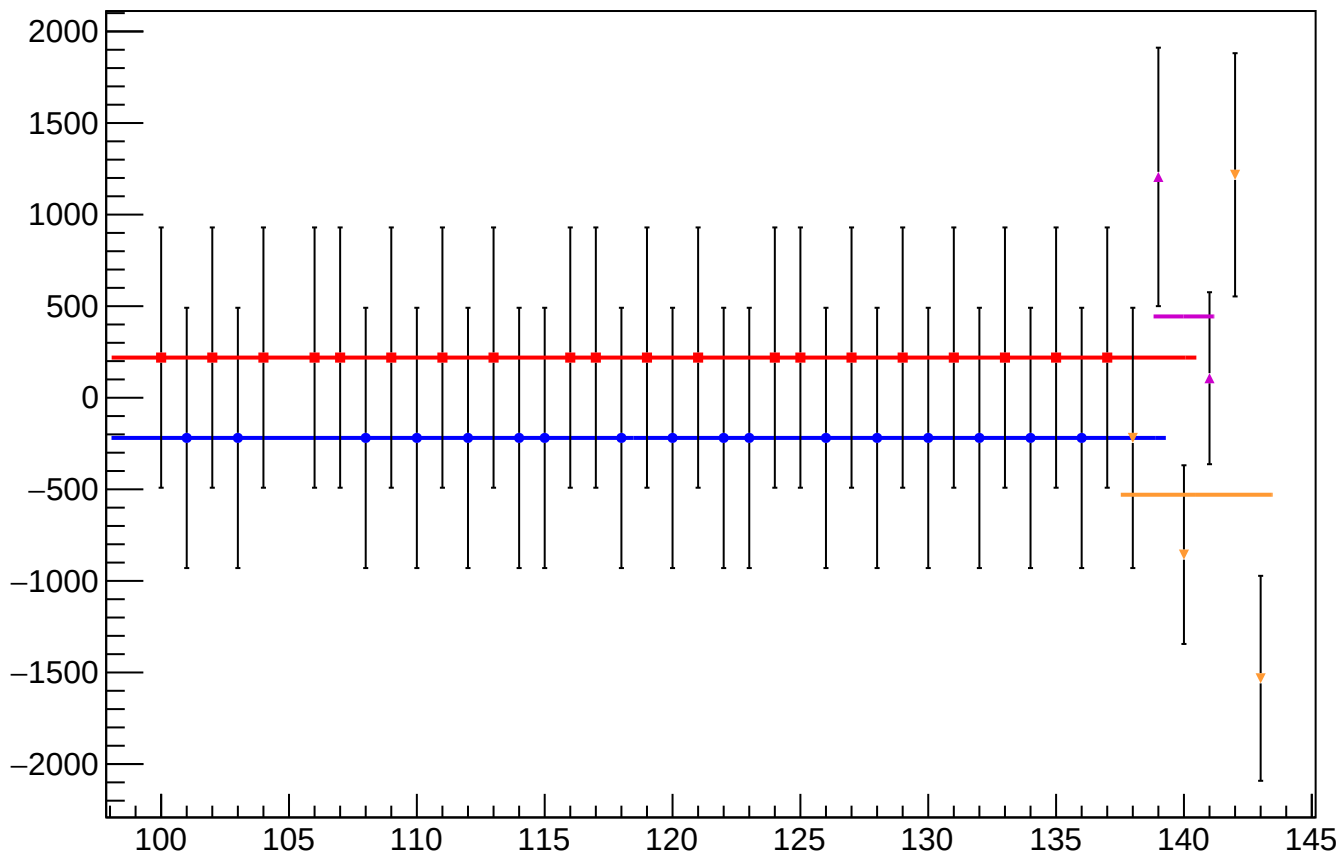
Left In: 489.723 $\pm$ 0.276 χ^2 /NDF:115529.9/1

581.958 $\pm$ 0.107 χ^2 /NDF: 514807.3/20

592.755 $\pm$ 0.076 χ^2 /NDF: 850352.8/42

603.416 $\pm$ 0.107 χ^2 /NDF: 315496.3/21

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -219.315+/-172.344 χ^2/NDF : 0.0/16

Left Out: -529.529+/-293.046 χ^2/NDF : 10.8/3

Right Out: 219.315+/-158.893 χ^2/NDF : 0.0/19

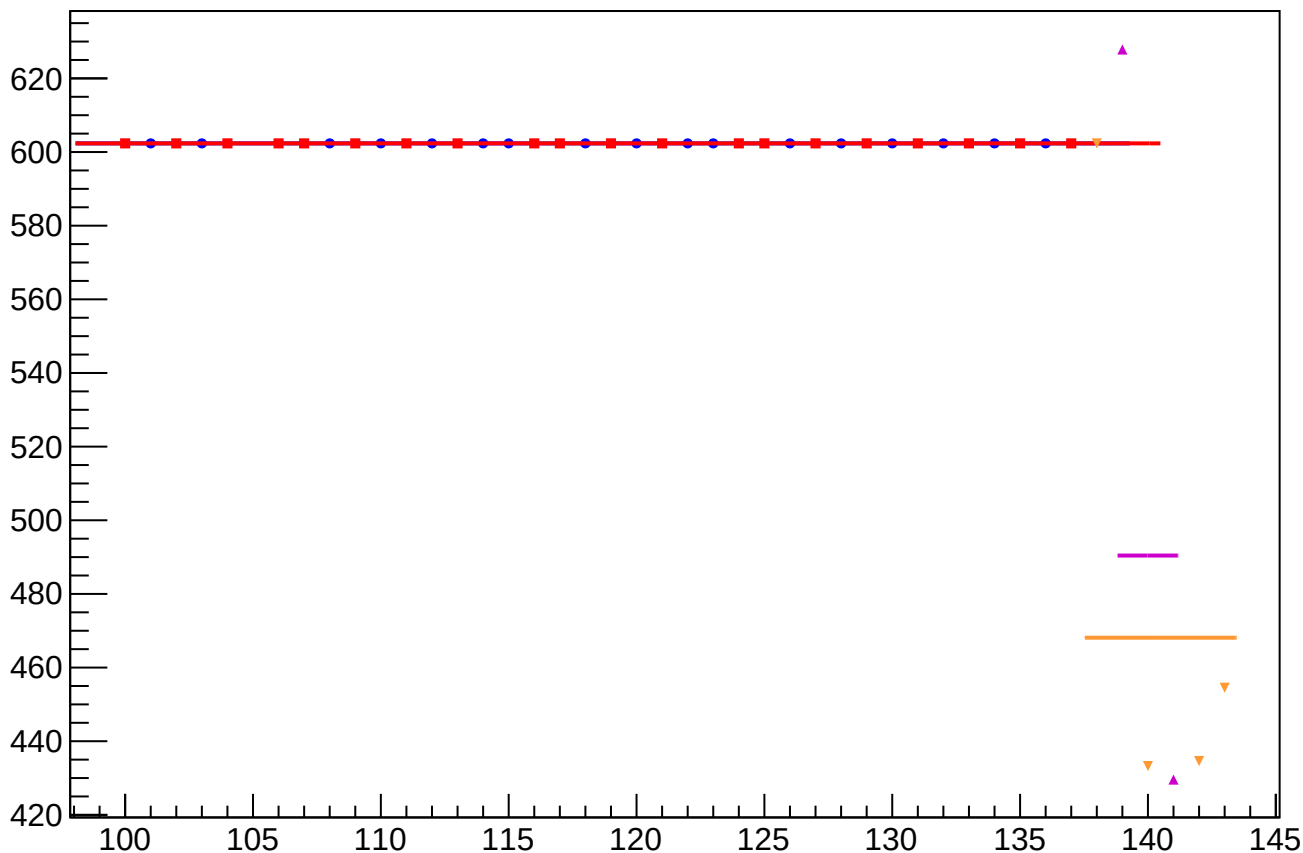
Left In: 443.925+/-390.883 χ^2/NDF : 1.7/1

-299.037+/-148.557 χ^2/NDF : 11.6/20

-21.404+/-104.561 χ^2/NDF : 20.5/42

251.167+/-147.197 χ^2/NDF : 2.0/21

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 602.349 $\pm$ 0.122 χ^2 /NDF: 0.0/16

Left Out: 468.111 $\pm$ 0.207 χ^2 /NDF: 87856.1/3

Right Out: 602.349 $\pm$ 0.112 χ^2 /NDF: 0.0/19

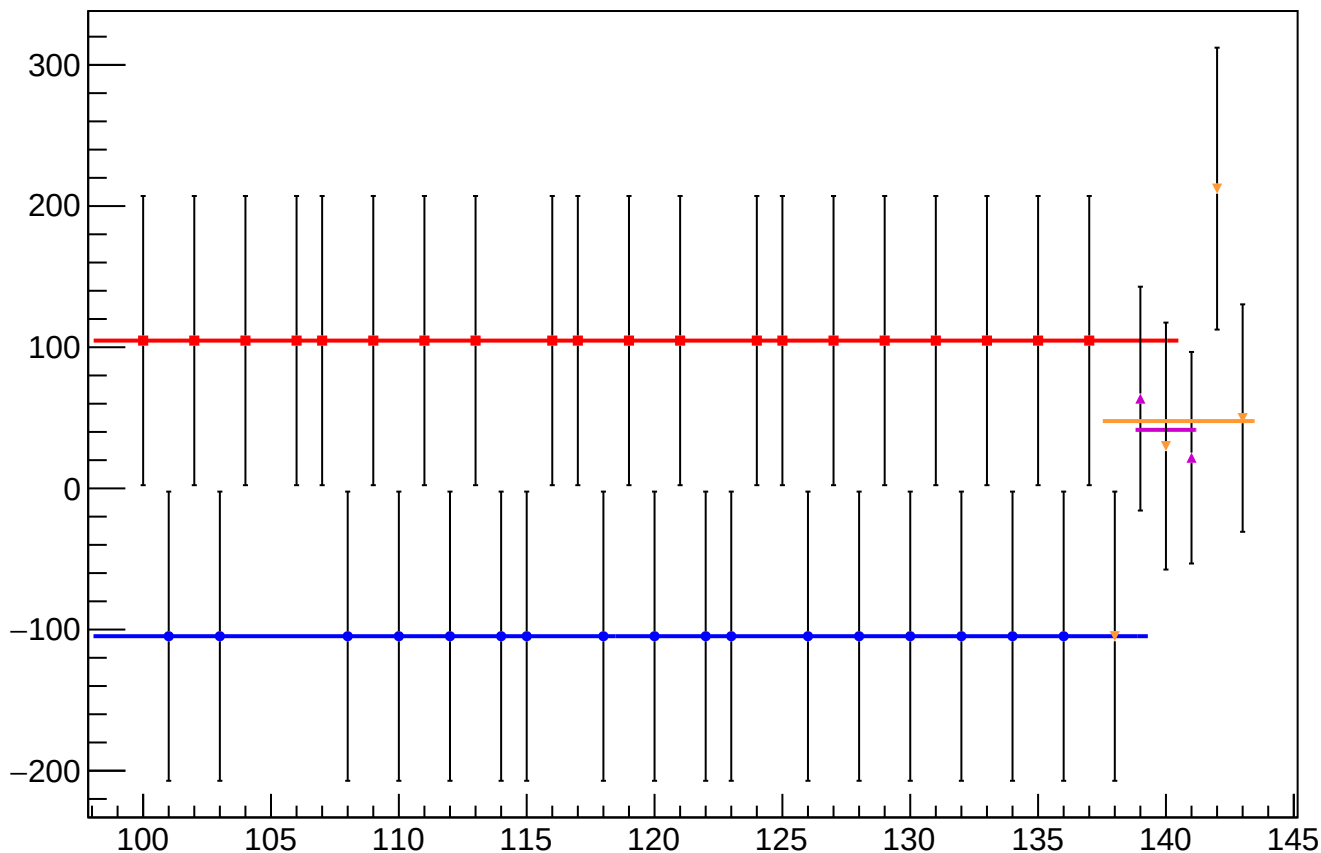
Left In: 490.422 $\pm$ 0.276 χ^2 /NDF: 109434.8/1

567.851 $\pm$ 0.105 χ^2 /NDF: 399672.6/20

577.249 $\pm$ 0.074 χ^2 /NDF: 665701.3/42

586.476 $\pm$ 0.104 χ^2 /NDF: 250165.0/21

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -104.707 $\pm$ 24.844 χ^2 /NDF: 0.0/16

Left Out: 47.699 $\pm$ 45.626 χ^2 /NDF: 5.0/3

Right Out: 104.707 $\pm$ 22.905 χ^2 /NDF: 0.0/19

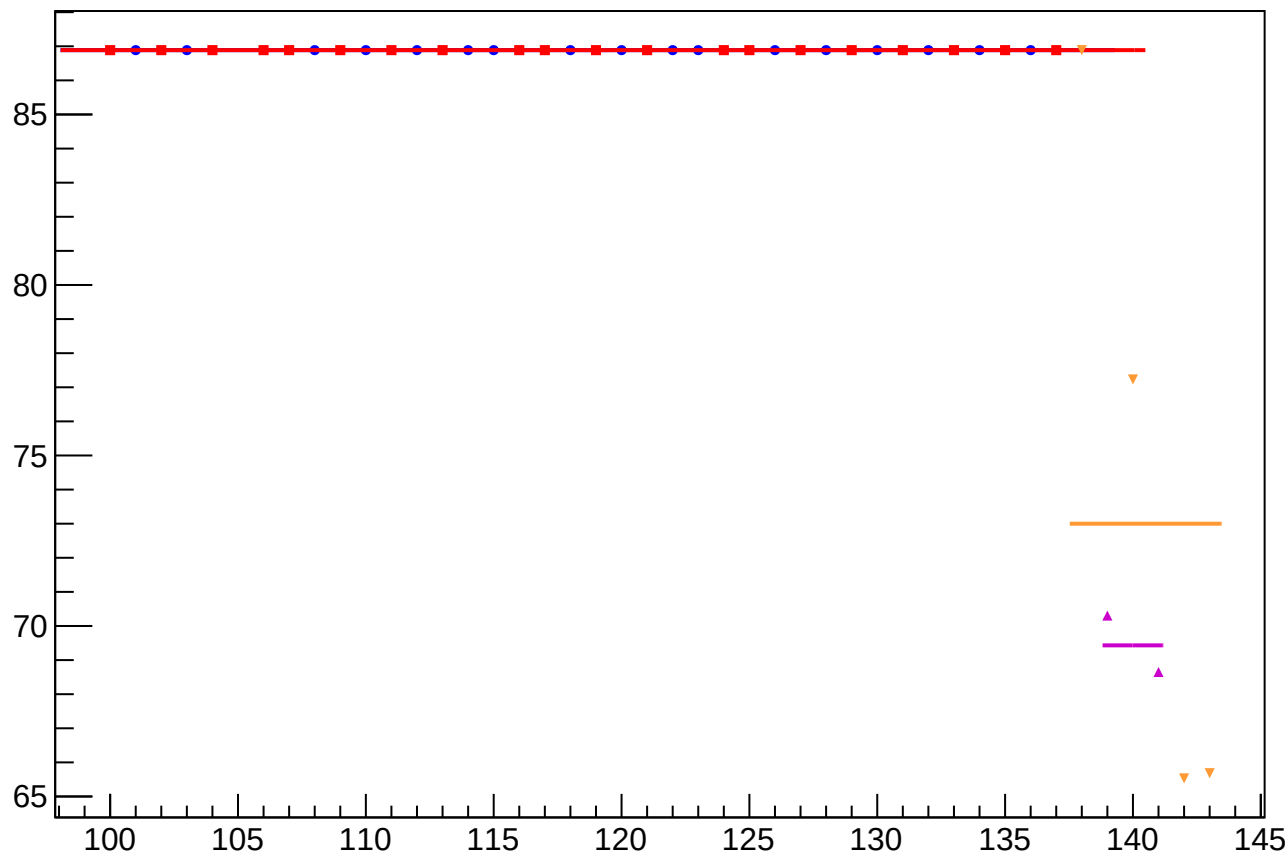
Left In: 41.484 $\pm$ 54.458 χ^2 /NDF: 0.1/1

-69.854 $\pm$ 21.819 χ^2 /NDF: 13.6/20

15.387 $\pm$ 15.173 χ^2 /NDF: 44.4/42

95.204 $\pm$ 21.113 χ^2 /NDF: 1.3/21

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 86.887 $\pm$ 0.018 χ^2 /NDF: 0.0/16

Left Out: 72.999 $\pm$ 0.032 χ^2 /NDF:69124.9/3

Right Out: 86.887 $\pm$ 0.016 χ^2 /NDF: 0.0/19

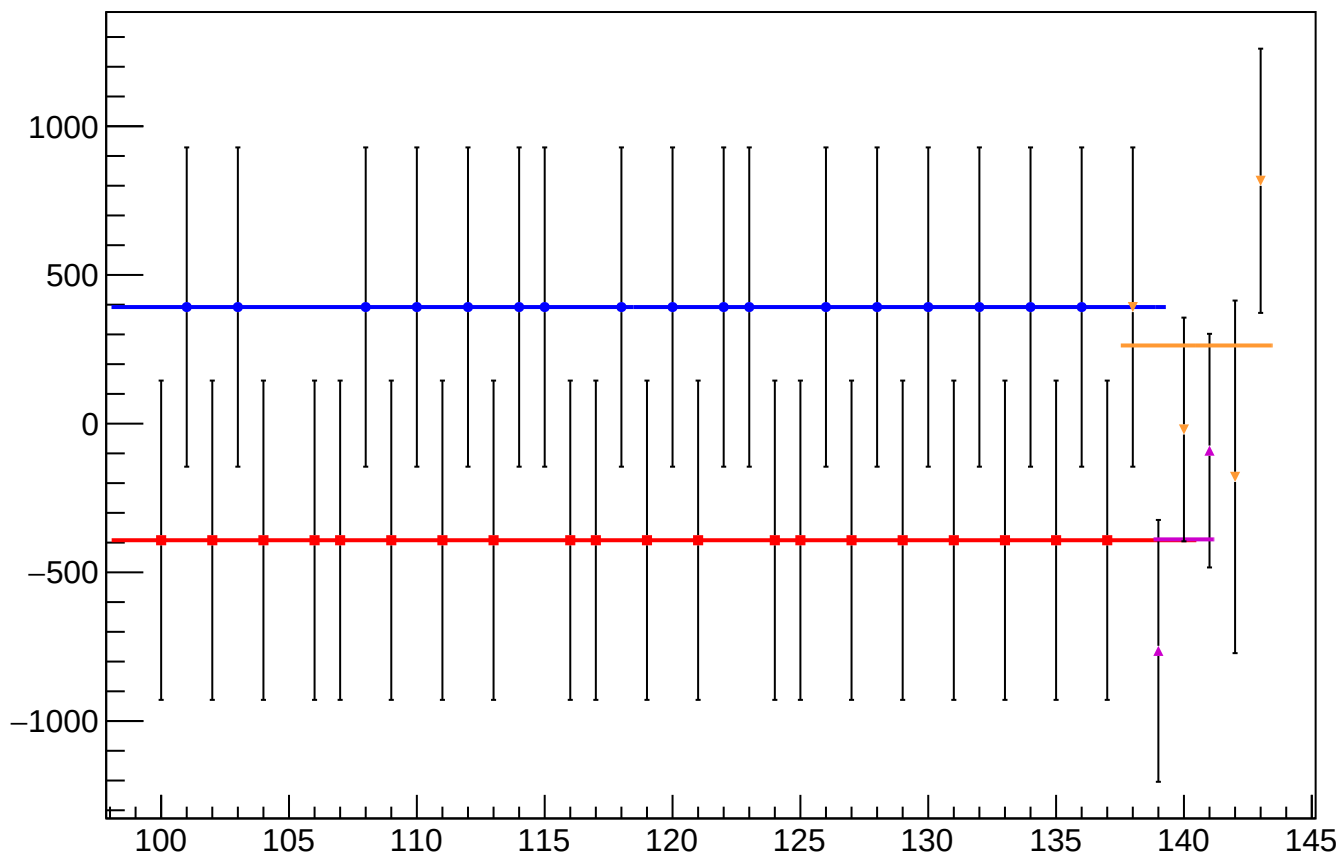
Left In: 69.432 $\pm$ 0.039 χ^2 /NDF:460.3/1

83.711 $\pm$ 0.015 χ^2 /NDF: 212040.1/20

83.996 $\pm$ 0.011 χ^2 /NDF: 387740.3/42

84.263 $\pm$ 0.015 χ^2 /NDF: 175038.5/21

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 392.019 ± 130.188 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 262.844 ± 232.776 $\chi^2/\text{NDF}: 2.7/3$

Right Out: -392.019 ± 120.028 $\chi^2/\text{NDF}: 0.0/19$

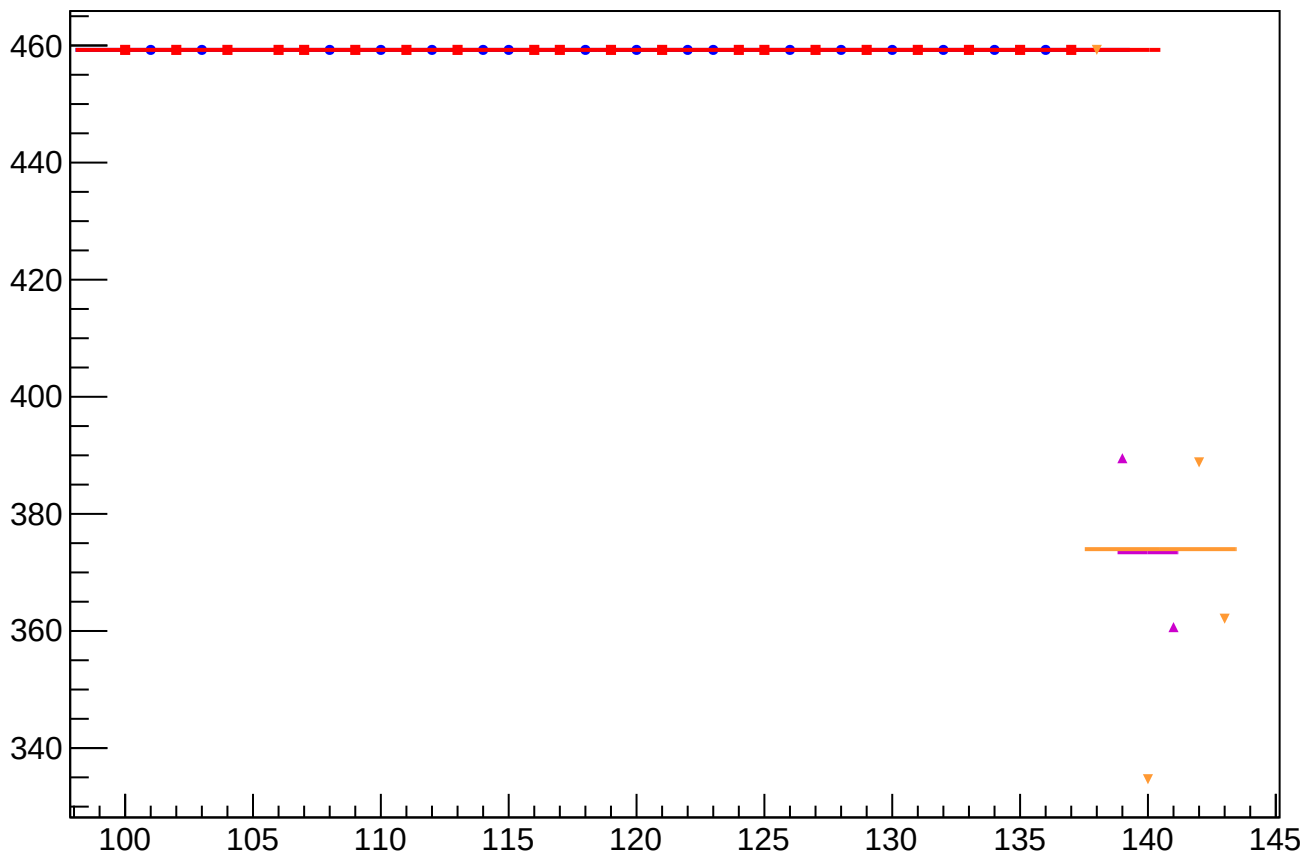
Left In: -389.171 ± 293.078 $\chi^2/\text{NDF}: 1.3/1$

361.241 ± 113.625 $\chi^2/\text{NDF}: 3.0/20$

-23.731 ± 79.428 $\chi^2/\text{NDF}: 26.7/42$

-391.610 ± 111.074 $\chi^2/\text{NDF}: 1.3/21$

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 459.249 $\pm$ 0.092 χ^2 /NDF: 0.0/16

Left Out: 373.979 $\pm$ 0.165 χ^2 /NDF: 74993.2/3

Right Out: 459.249 $\pm$ 0.085 χ^2 /NDF: 0.0/19

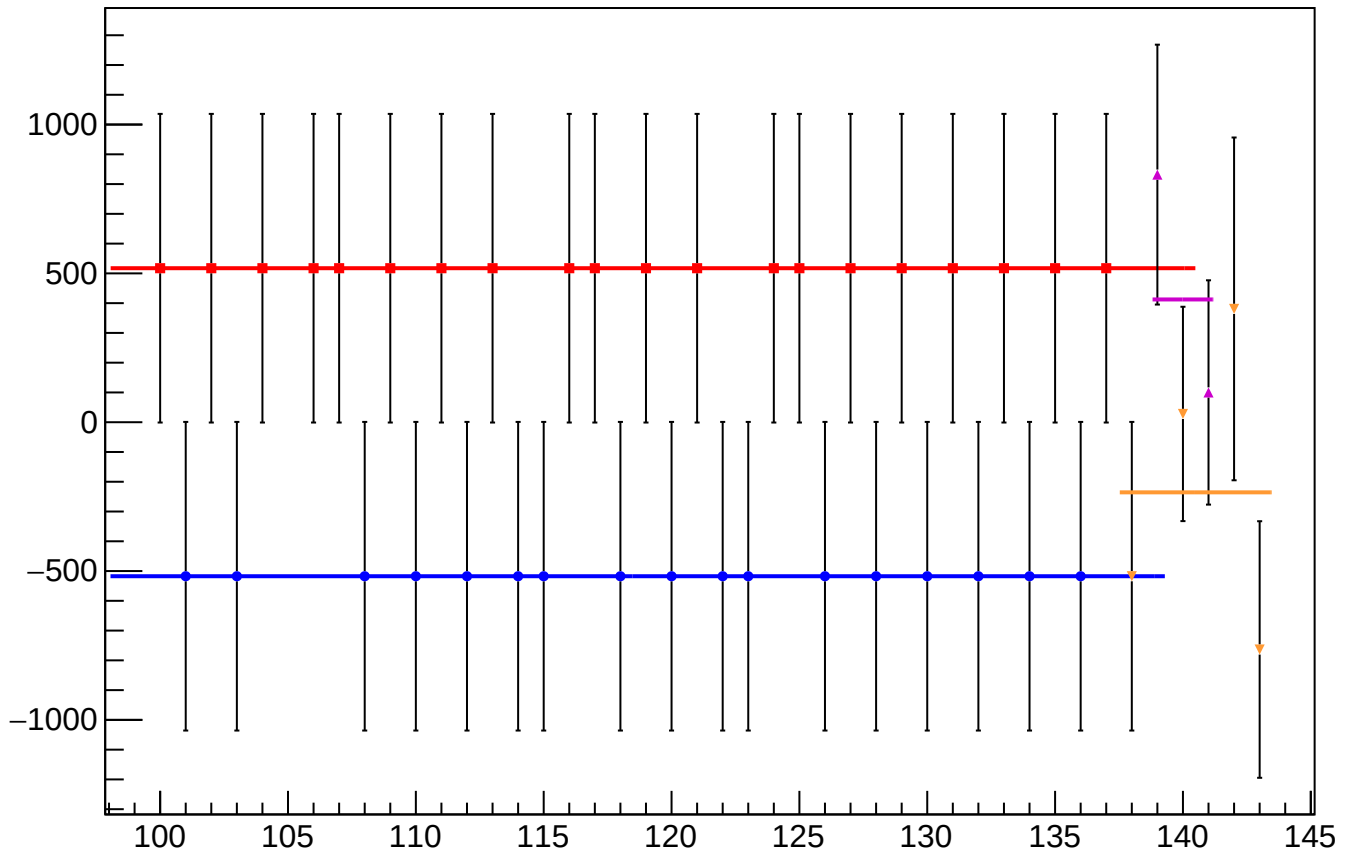
Left In: 373.447 $\pm$ 0.207 χ^2 /NDF: 4782.4/1

438.932 $\pm$ 0.080 χ^2 /NDF: 279422.5/20

443.019 $\pm$ 0.056 χ^2 /NDF: 436062.1/42

446.925 $\pm$ 0.079 χ^2 /NDF: 151578.6/21

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -517.375 $\pm$ 125.736 χ^2/NDF : 0.0/16

Left Out: -235.598 $\pm$ 224.532 χ^2/NDF : 3.5/3

Right Out: 517.375 $\pm$ 115.923 χ^2/NDF : 0.0/19

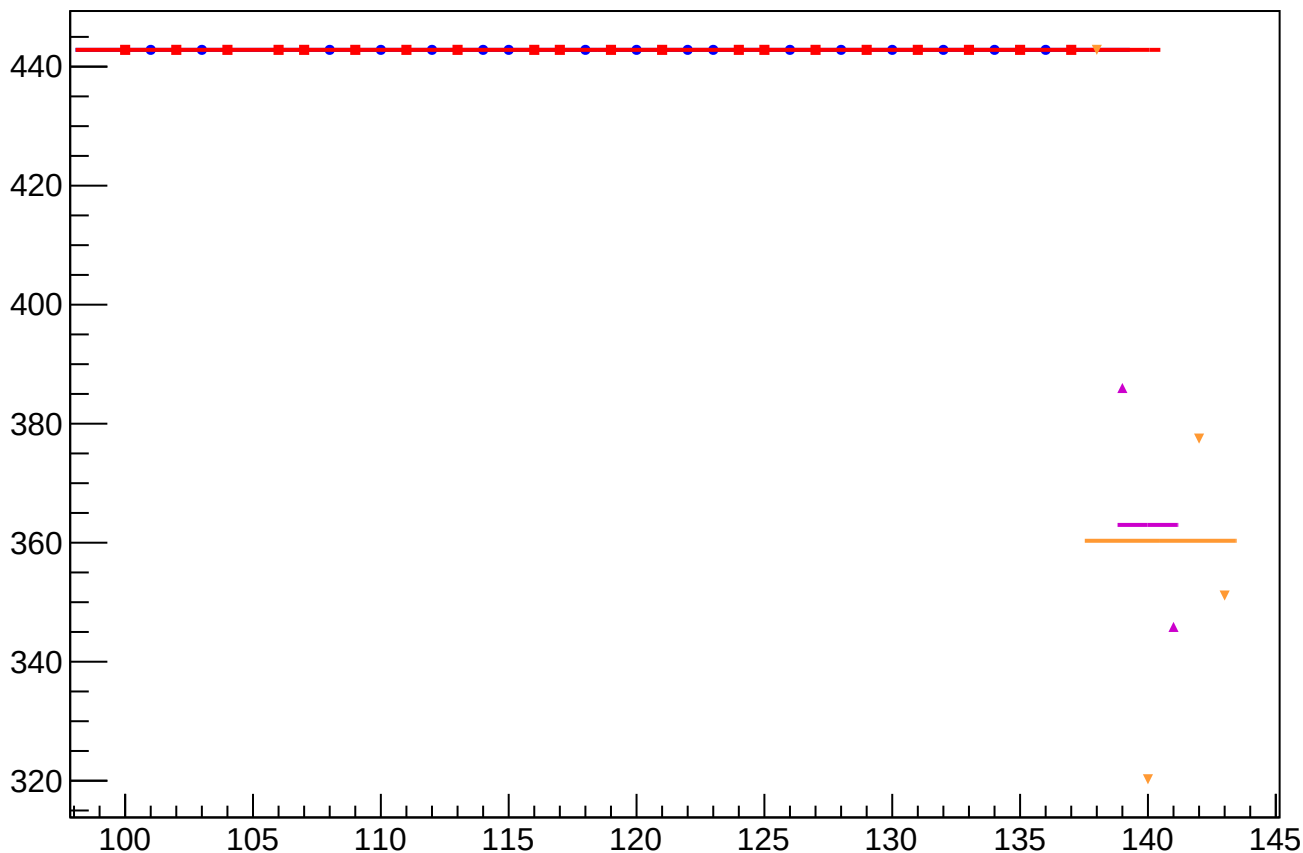
Left In: 412.402 $\pm$ 285.228 χ^2/NDF : 1.6/1

-450.107 $\pm$ 109.706 χ^2/NDF : 4.7/20

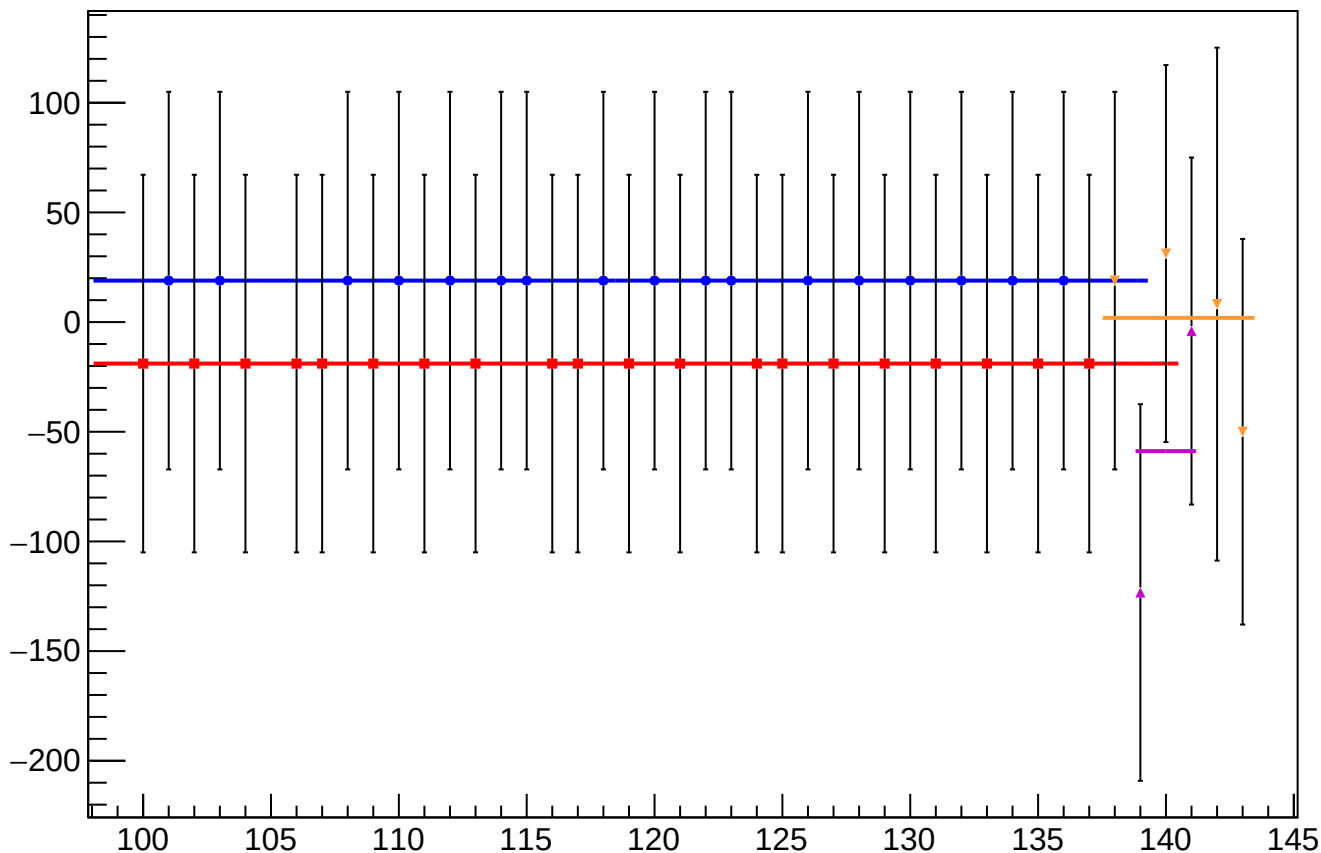
36.344 $\pm$ 76.743 χ^2/NDF : 44.9/42

502.494 $\pm$ 107.392 χ^2/NDF : 1.7/21

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 18.911 $\pm$ 20.877 χ^2/NDF : 0.0/16

Left Out: 1.925 $\pm$ 45.982 χ^2/NDF : 0.5/3

Right Out: -18.911 $\pm$ 19.247 χ^2/NDF : 0.0/19

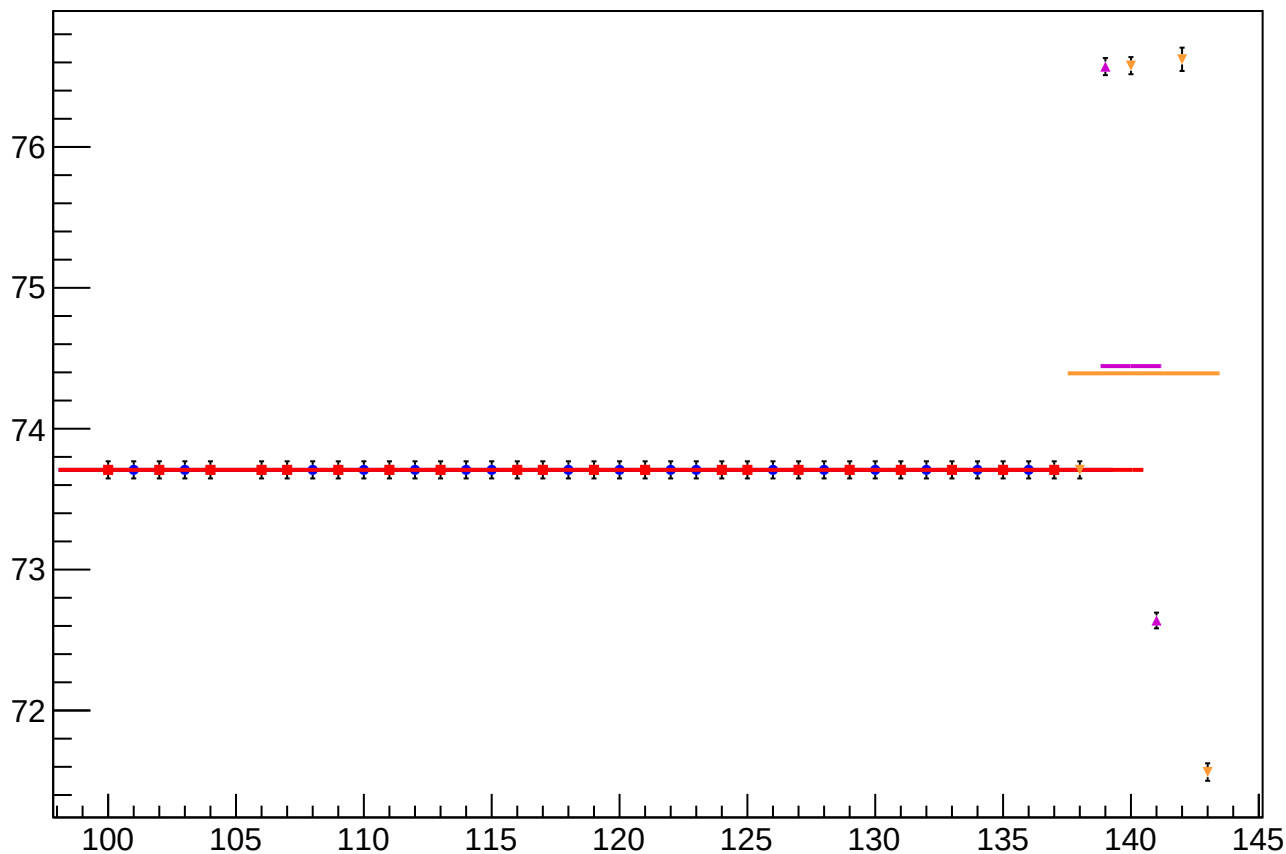
Left In: -58.831 $\pm$ 58.176 χ^2/NDF : 1.0/1

16.008 $\pm$ 19.009 χ^2/NDF : 0.6/20

-4.188 $\pm$ 13.174 χ^2/NDF : 4.3/42

-22.850 $\pm$ 18.273 χ^2/NDF : 1.5/21

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 73.708 ± 0.015 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 74.393 ± 0.033 $\chi^2/\text{NDF}: 4219.0/3$

Right Out: 73.708 ± 0.014 $\chi^2/\text{NDF}: 0.0/19$

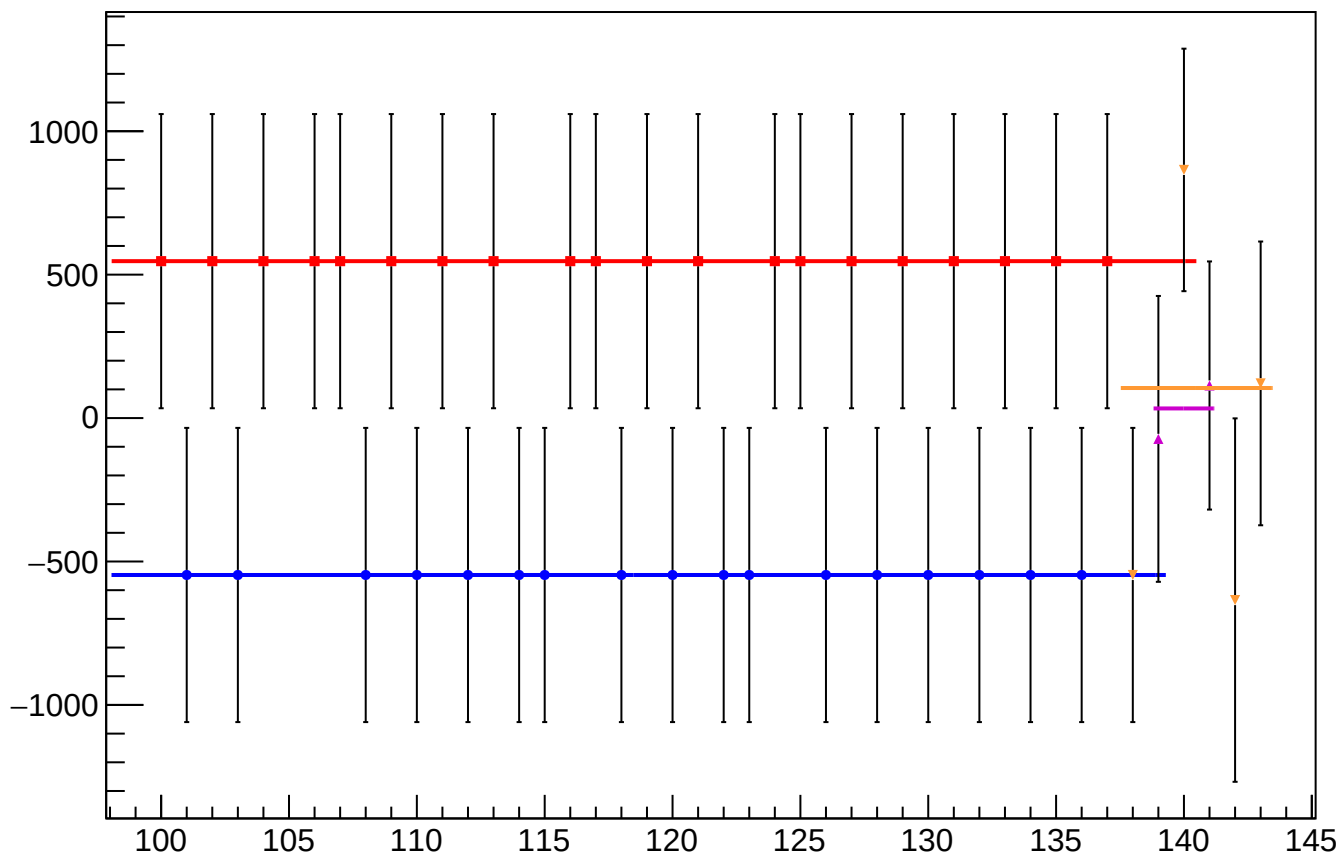
Left In: 74.444 ± 0.041 $\chi^2/\text{NDF}: 2268.6/1$

73.825 ± 0.013 $\chi^2/\text{NDF}: 4587.2/20$

73.802 ± 0.009 $\chi^2/\text{NDF}: 7150.5/42$

73.781 ± 0.013 $\chi^2/\text{NDF}: 2557.6/21$

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -547.029 $\pm$ 124.372 χ^2 /NDF: 0.0/16

Left Out: 104.794 $\pm$ 250.156 χ^2 /NDF: 6.2/3

Right Out: 547.029 $\pm$ 114.665 χ^2 /NDF: 0.0/19

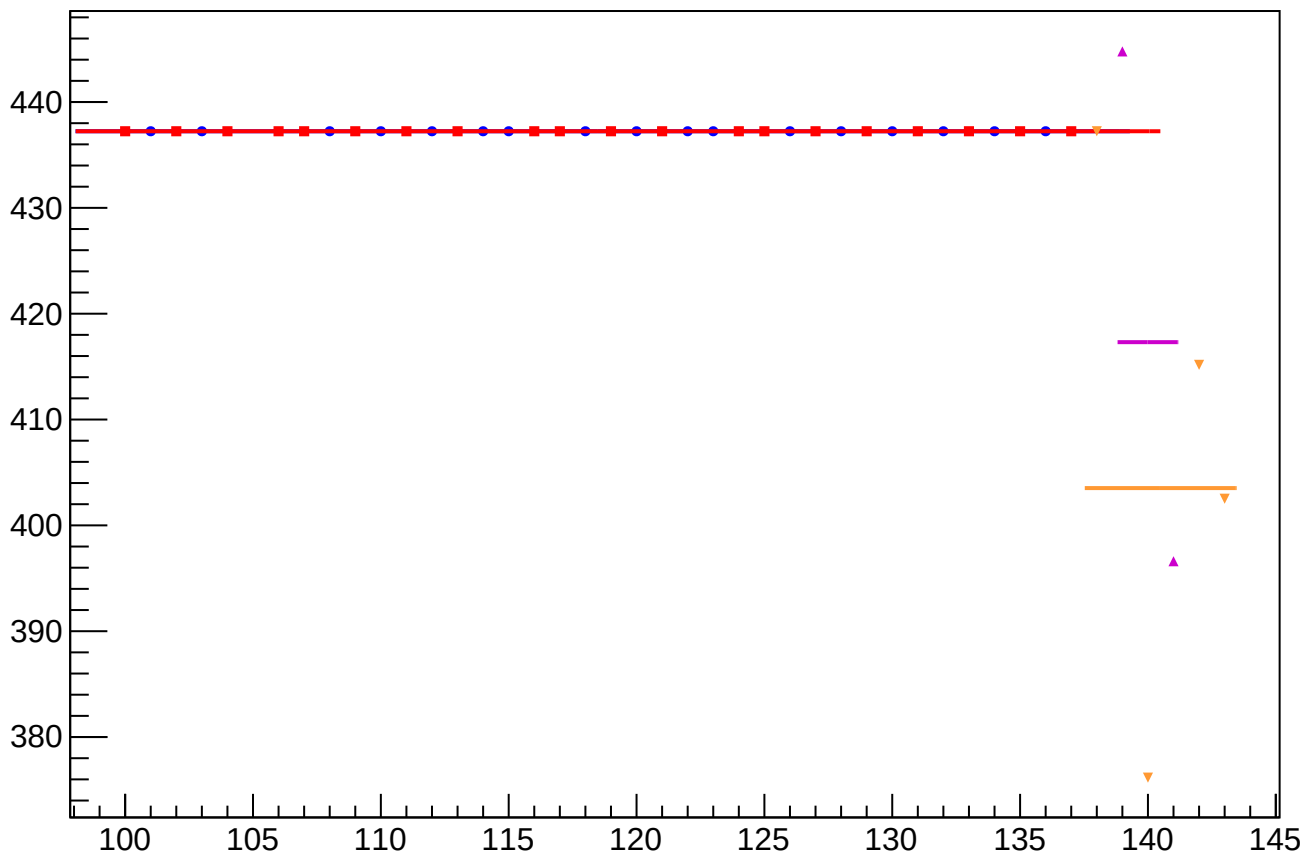
Left In: 33.552 $\pm$ 326.627 χ^2 /NDF: 0.1/1

-417.842 $\pm$ 111.367 χ^2 /NDF: 11.7/20

49.560 $\pm$ 77.601 χ^2 /NDF: 48.2/42

490.691 $\pm$ 108.192 χ^2 /NDF: 2.3/21

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 437.238 $\pm$ 0.088 χ^2 /NDF: 0.0/16

Left Out: 403.522 $\pm$ 0.177 χ^2 /NDF:17708.4/3

Right Out: 437.238 $\pm$ 0.081 χ^2 /NDF: 0.0/19

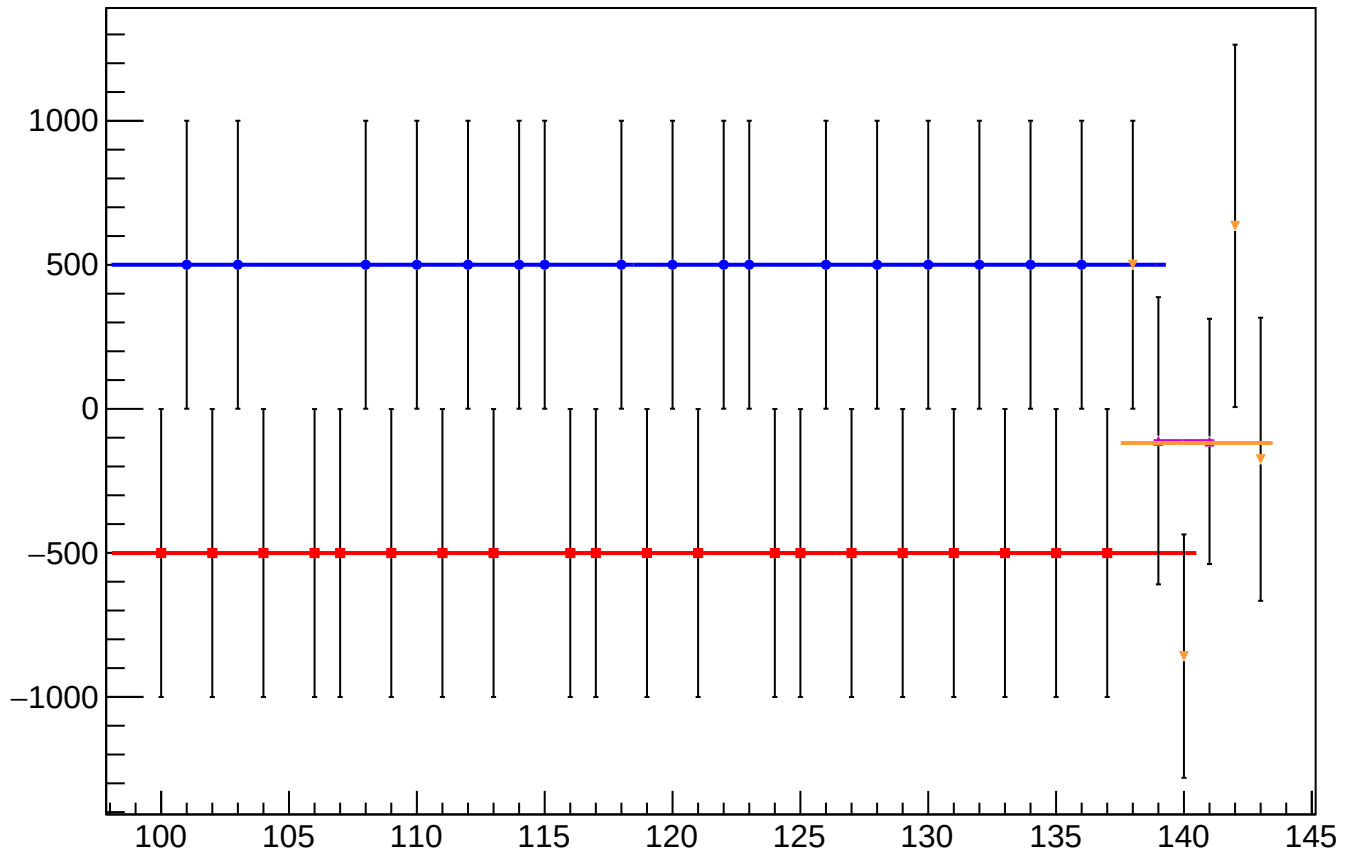
Left In: 417.311 $\pm$ 0.231 χ^2 /NDF:10660.6/1

430.556 $\pm$ 0.079 χ^2 /NDF: 46839.0/20

432.869 $\pm$ 0.055 χ^2 /NDF: 65804.2/42

435.052 $\pm$ 0.077 χ^2 /NDF: 17288.4/21

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 500.448 $\pm$ 121.238 χ^2 /NDF: 0.0/16

Left Out: -118.320 $\pm$ 247.894 χ^2 /NDF: 6.0/3

Right Out: -500.448 $\pm$ 111.776 χ^2 /NDF: 0.0/19

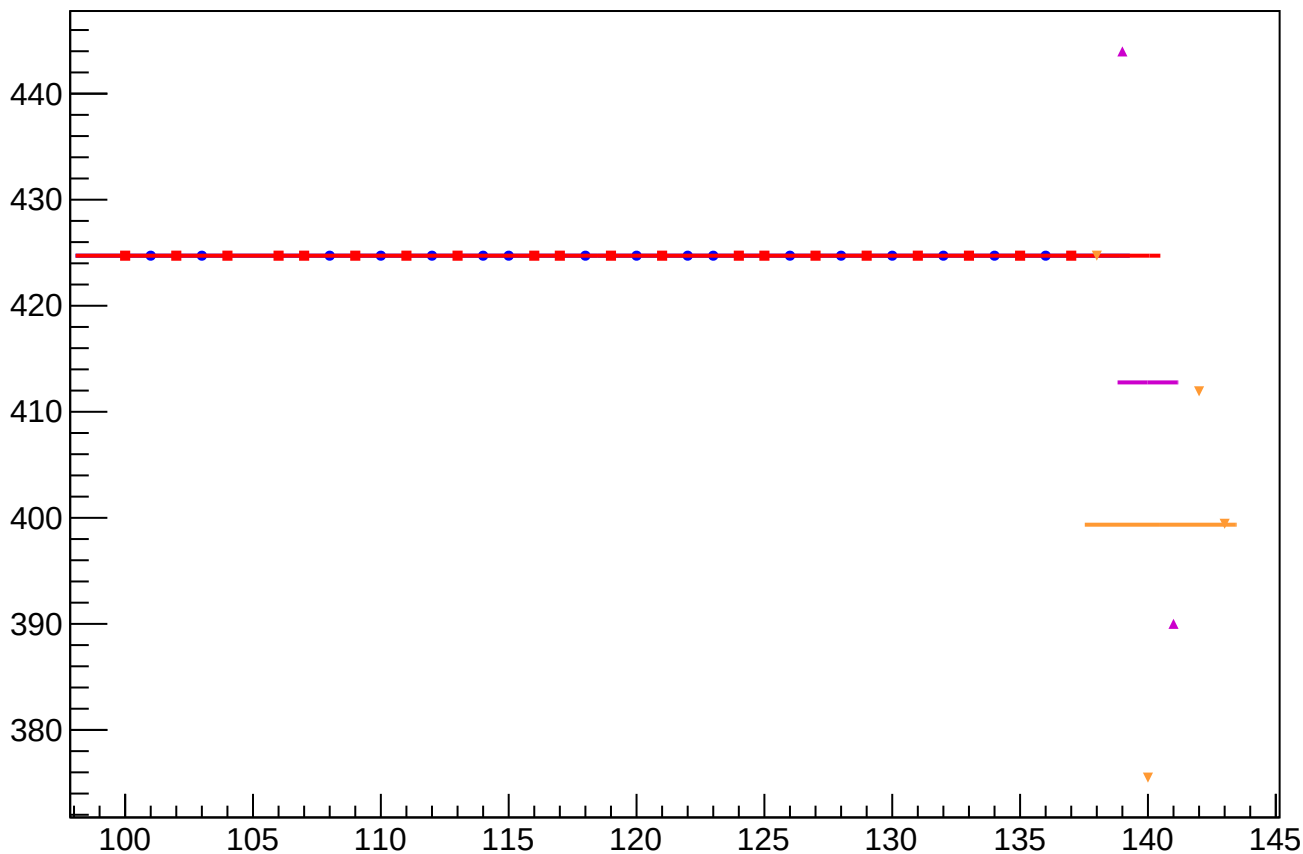
Left In: -112.035 $\pm$ 323.757 χ^2 /NDF: 0.0/1

381.013 $\pm$ 108.910 χ^2 /NDF: 11.1/20

-51.773 $\pm$ 75.835 χ^2 /NDF: 43.0/42

-459.082 $\pm$ 105.656 χ^2 /NDF: 1.3/21

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 424.721 $\pm$ 0.086 χ^2 /NDF: 0.0/16

Left Out: 399.354 $\pm$ 0.175 χ^2 /NDF:12325.1/3

Right Out: 424.721 $\pm$ 0.079 χ^2 /NDF: 0.0/19

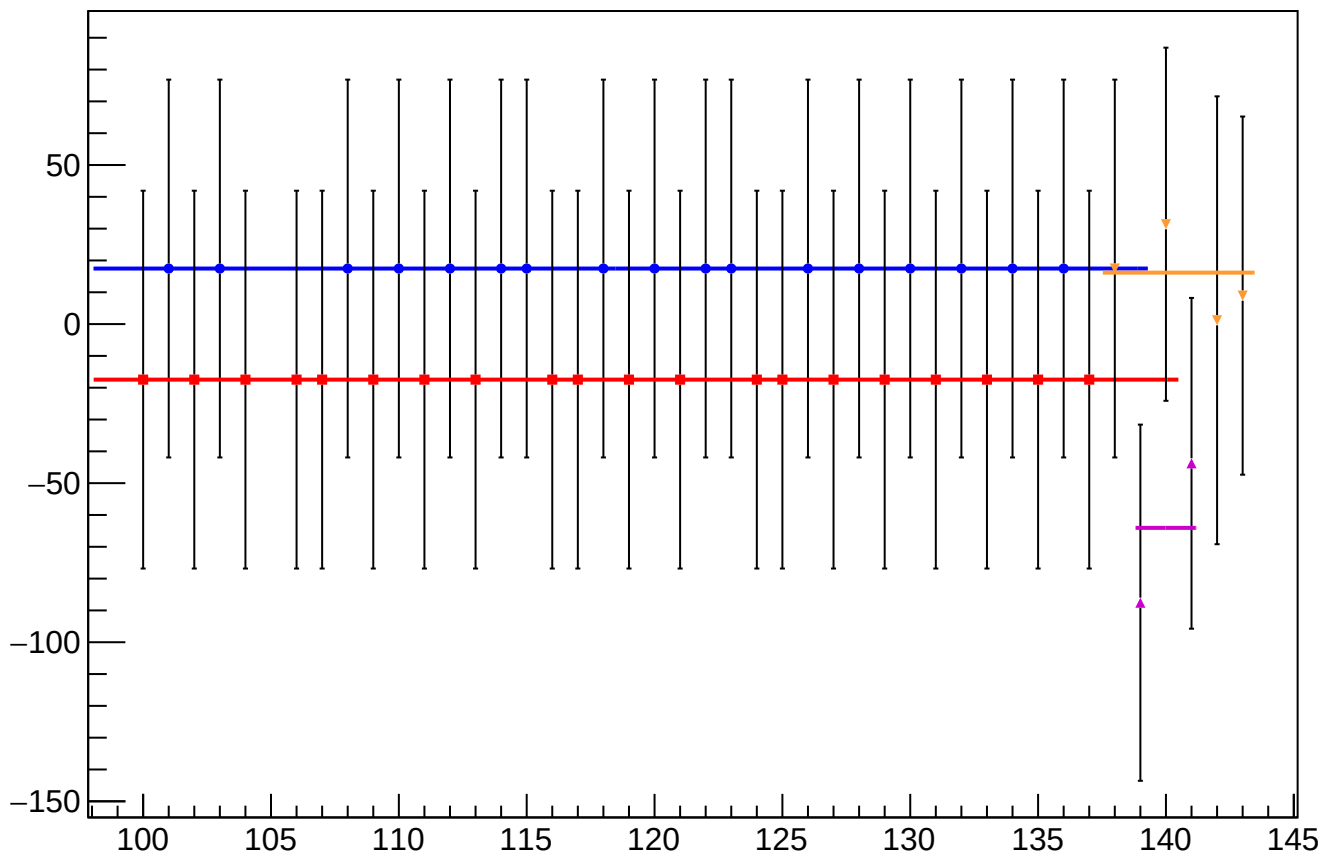
Left In: 412.771 $\pm$ 0.229 χ^2 /NDF:13557.9/1

419.824 $\pm$ 0.077 χ^2 /NDF: 29225.5/20

421.691 $\pm$ 0.054 χ^2 /NDF: 46358.5/42

423.448 $\pm$ 0.075 χ^2 /NDF: 15992.4/21

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 17.458+/-14.401 χ^2/NDF : 0.0/16

Left Out: 16.173+/-29.804 χ^2/NDF : 0.1/3

Right Out: -17.458+/-13.277 χ^2/NDF : 0.0/19

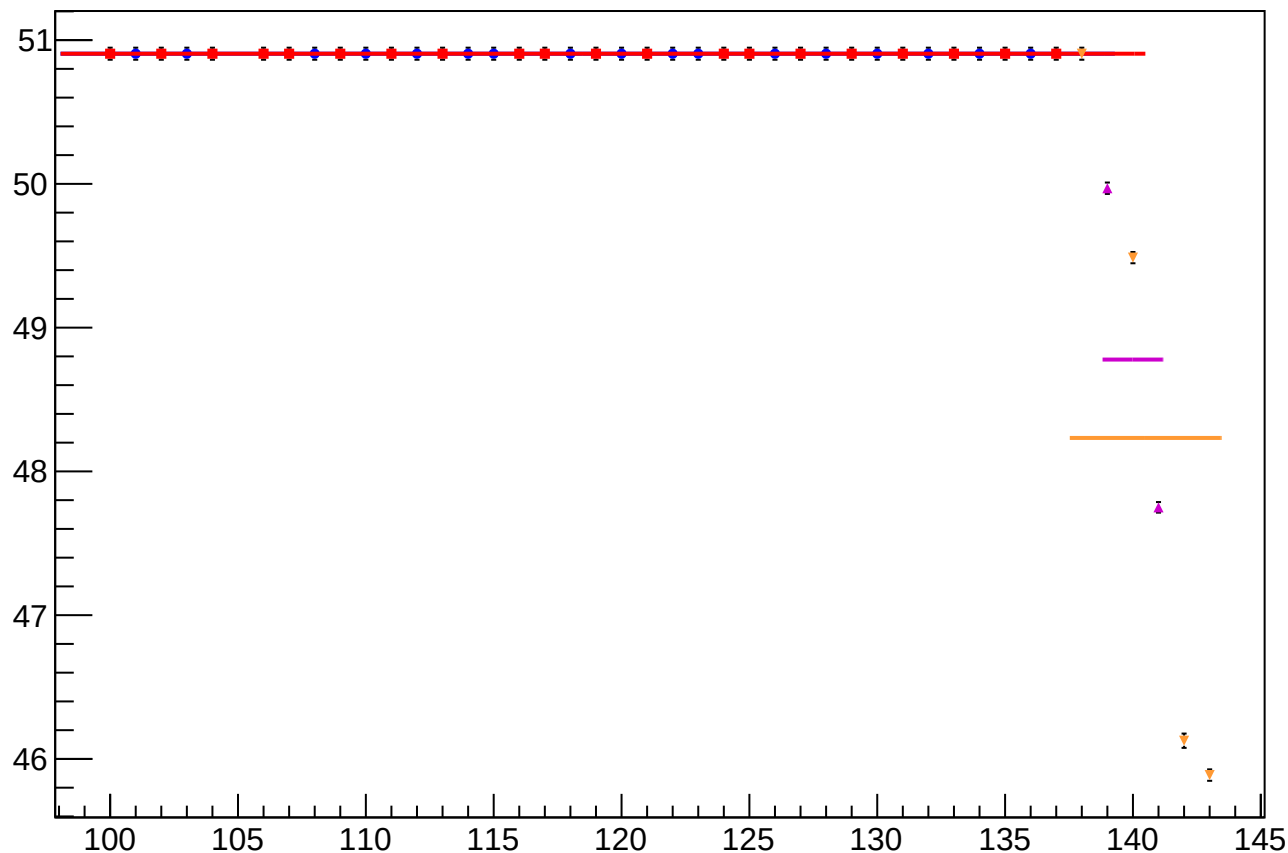
Left In: -64.052+/-38.093 χ^2/NDF : 0.3/1

17.214+/-12.967 χ^2/NDF : 0.1/20

-3.314+/-9.013 χ^2/NDF : 6.7/42

-22.505+/-12.538 χ^2/NDF : 1.7/21

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 50.905 $\pm$ 0.010 χ^2 /NDF: 0.0/16

Left Out: 48.233 $\pm$ 0.021 χ^2 /NDF:10335.2/3

Right Out: 50.905 $\pm$ 0.009 χ^2 /NDF: 0.0/19

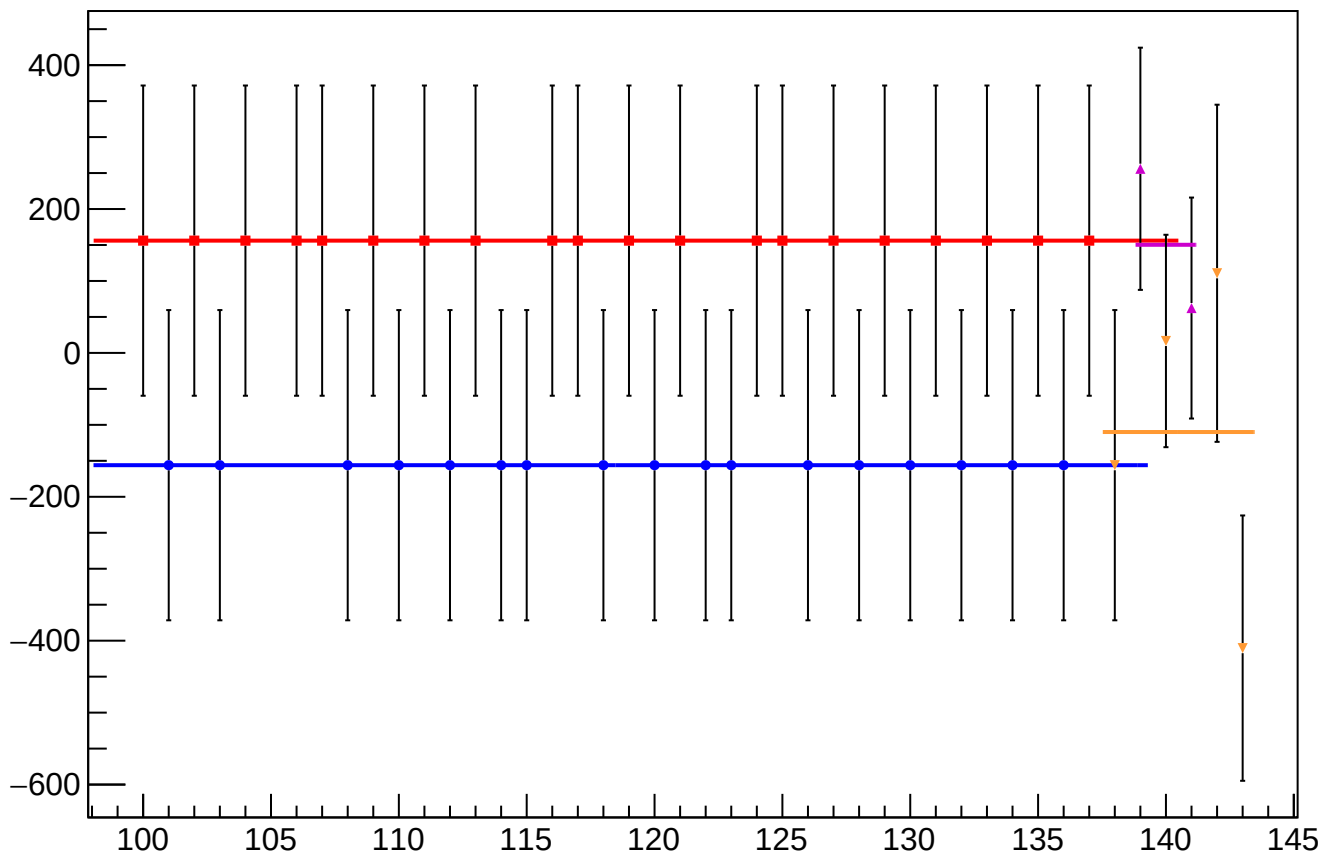
Left In: 48.778 $\pm$ 0.027 χ^2 /NDF:1688.6/1

50.400 $\pm$ 0.009 χ^2 /NDF: 23373.6/20

50.542 $\pm$ 0.006 χ^2 /NDF: 31091.2/42

50.675 $\pm$ 0.009 χ^2 /NDF: 7251.3/21

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -156.062 $\pm$ 52.294 χ^2 /NDF: 0.0/16

Left Out: -109.955 $\pm$ 93.242 χ^2 /NDF: 4.3/3

Right Out: 156.062 $\pm$ 48.213 χ^2 /NDF: 0.0/19

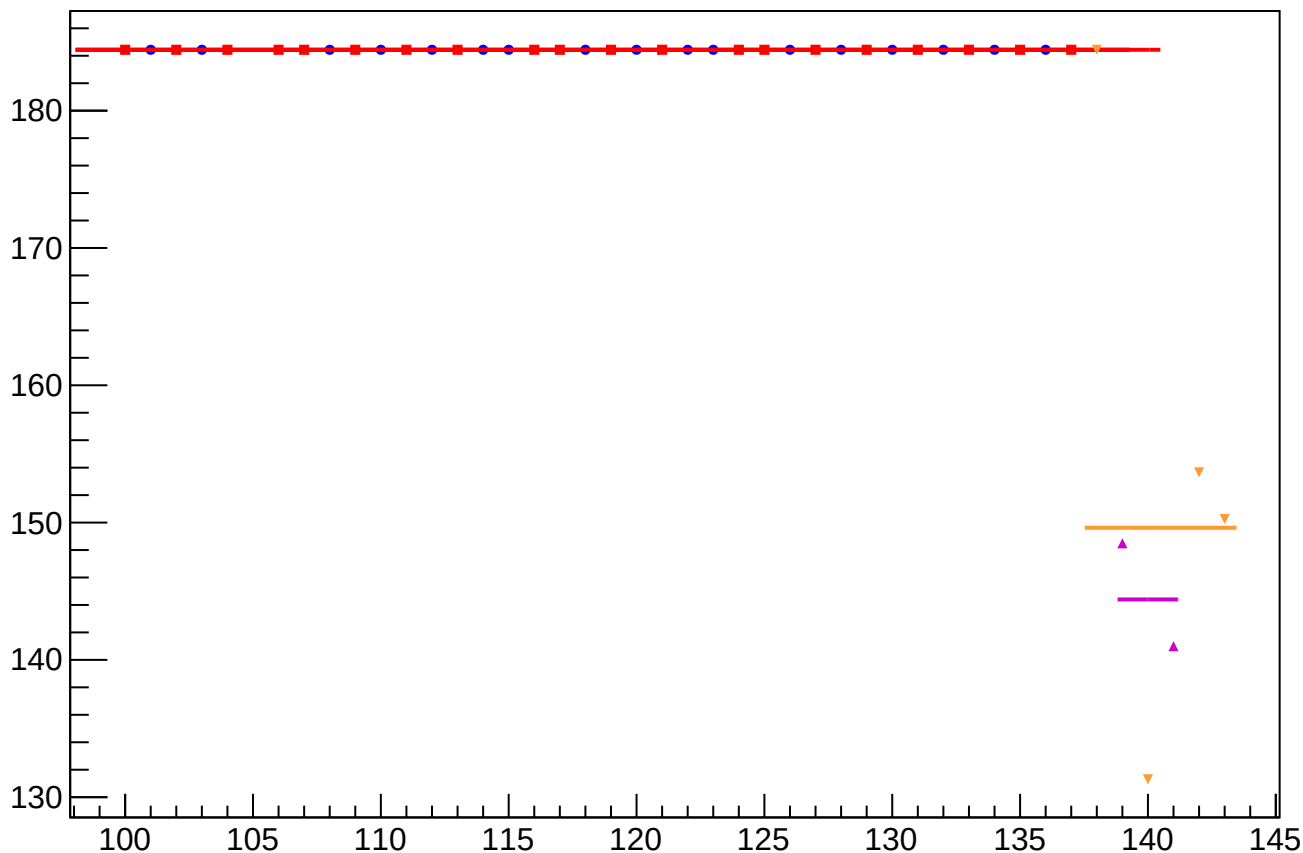
Left In: 150.288 $\pm$ 113.453 χ^2 /NDF: 0.7/1

-145.029 $\pm$ 45.611 χ^2 /NDF: 4.5/20

9.205 $\pm$ 31.805 χ^2 /NDF: 27.5/42

155.178 $\pm$ 44.373 χ^2 /NDF: 0.7/21

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 184.437 $\pm$ 0.037 χ^2 /NDF: 0.0/16

Left Out: 149.624 $\pm$ 0.066 χ^2 /NDF:83577.7/3

Right Out: 184.437 $\pm$ 0.034 χ^2 /NDF: 0.0/19

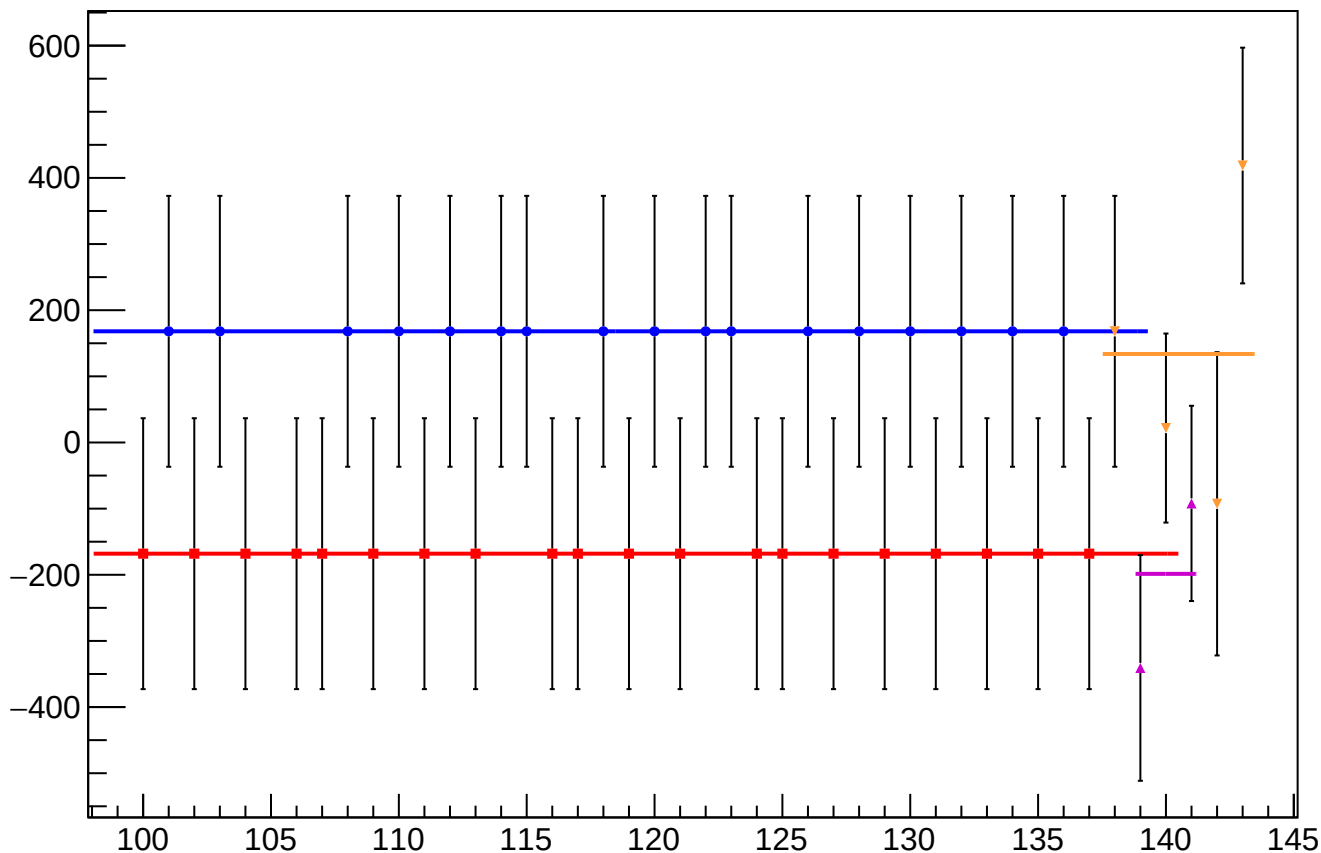
Left In: 144.401 $\pm$ 0.080 χ^2 /NDF:2162.6/1

176.107 $\pm$ 0.032 χ^2 /NDF: 295656.5/20

177.240 $\pm$ 0.022 χ^2 /NDF: 511175.4/42

178.313 $\pm$ 0.031 χ^2 /NDF: 213115.6/21

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 168.090 ± 49.667 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 133.786 ± 90.043 $\chi^2/\text{NDF}: 4.2/3$

Right Out: -168.090 ± 45.791 $\chi^2/\text{NDF}: 0.0/19$

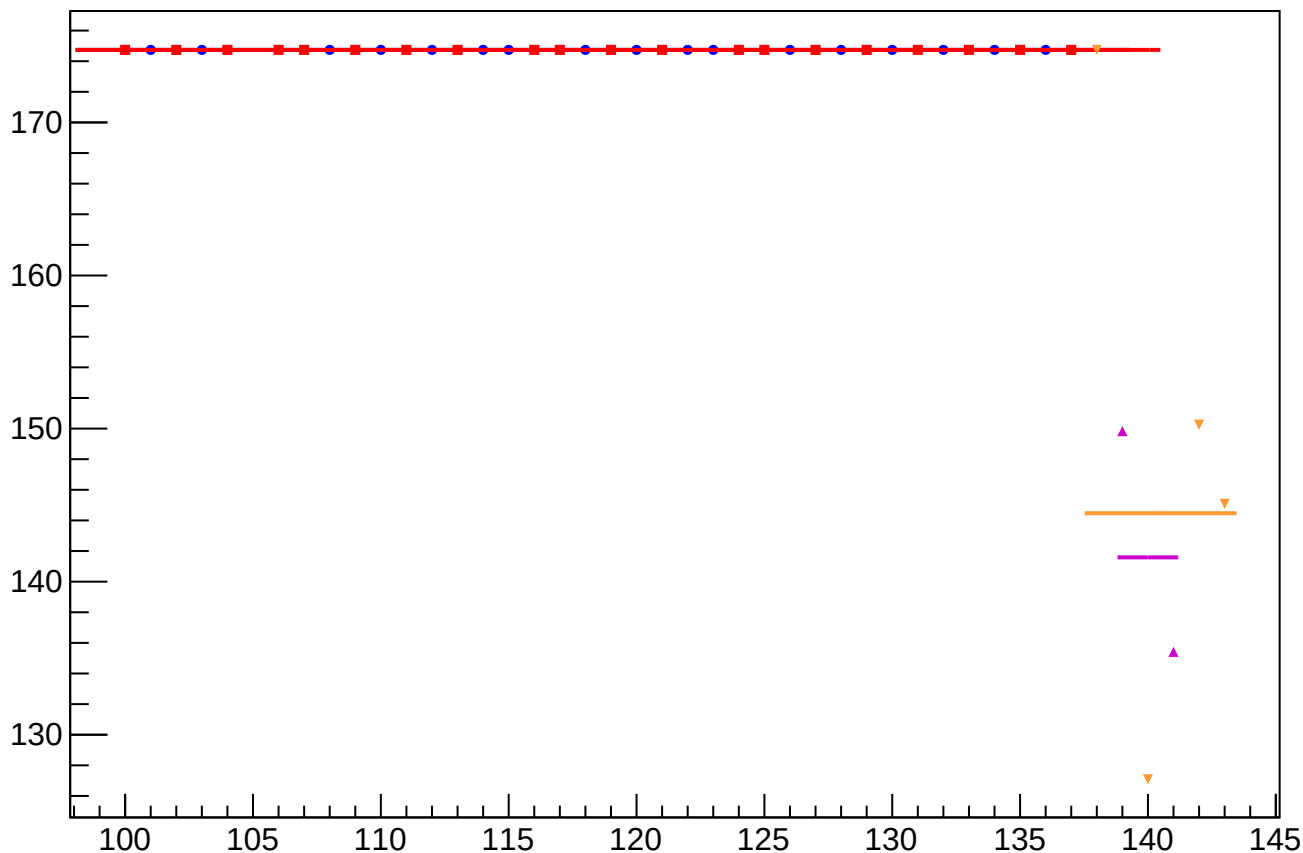
Left In: -198.601 ± 111.613 $\chi^2/\text{NDF}: 1.2/1$

160.088 ± 43.490 $\chi^2/\text{NDF}: 4.3/20$

-10.559 ± 30.346 $\chi^2/\text{NDF}: 35.6/42$

-172.486 ± 42.364 $\chi^2/\text{NDF}: 1.3/21$

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 174.739 $\pm$ 0.035 χ^2 /NDF: 0.0/16

Left Out: 144.470 $\pm$ 0.064 χ^2 /NDF: 74572.8/3

Right Out: 174.739 $\pm$ 0.032 χ^2 /NDF: 0.0/19

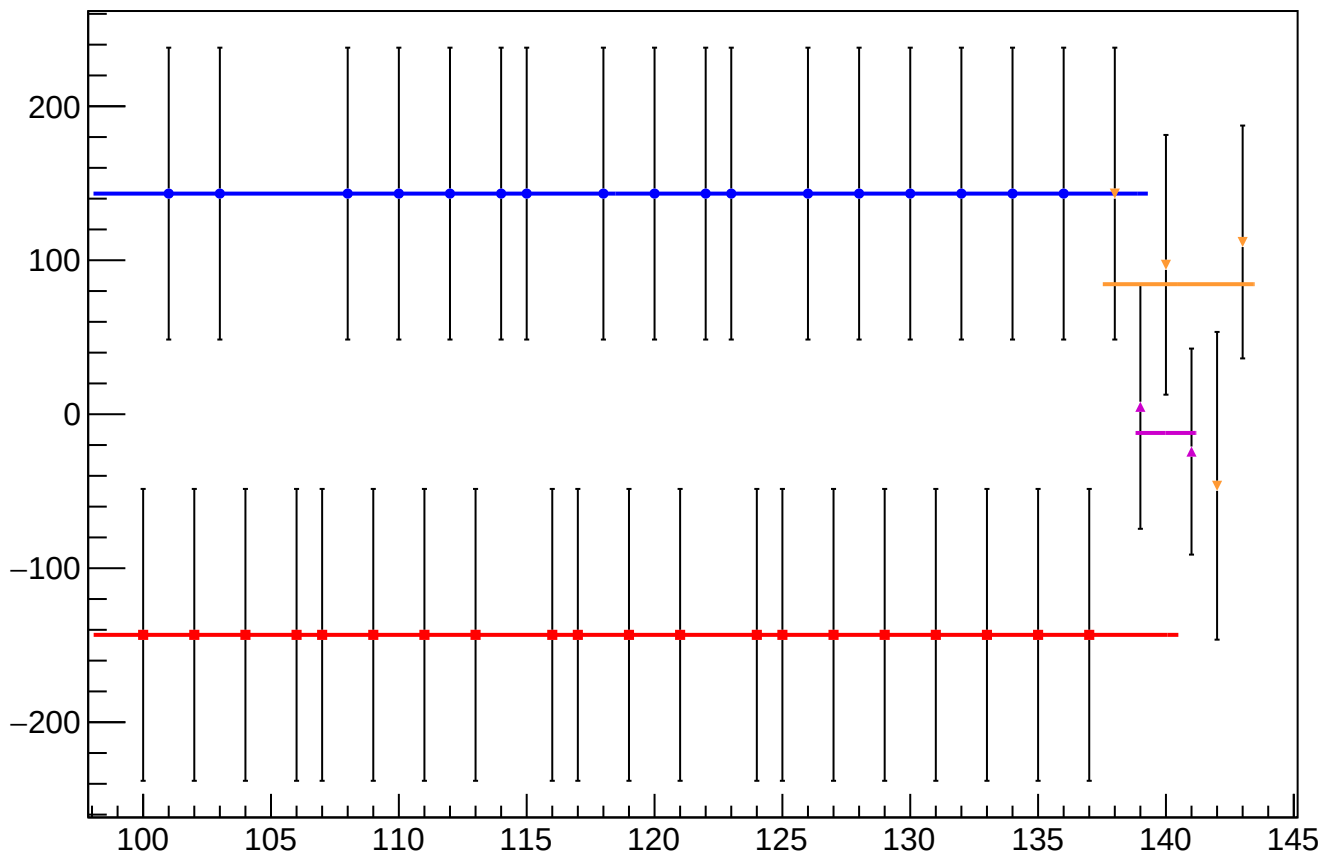
Left In: 141.586 $\pm$ 0.079 χ^2 /NDF: 8172.6/1

167.678 $\pm$ 0.031 χ^2 /NDF: 247862.9/20

168.850 $\pm$ 0.021 χ^2 /NDF: 409902.9/42

169.963 $\pm$ 0.030 χ^2 /NDF: 159207.1/21

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 143.273 $\pm$ 22.985 χ^2/NDF : 0.0/16

Left Out: 84.451 $\pm$ 43.559 χ^2/NDF : 2.3/3

Right Out: -143.273 $\pm$ 21.191 χ^2/NDF : 0.0/19

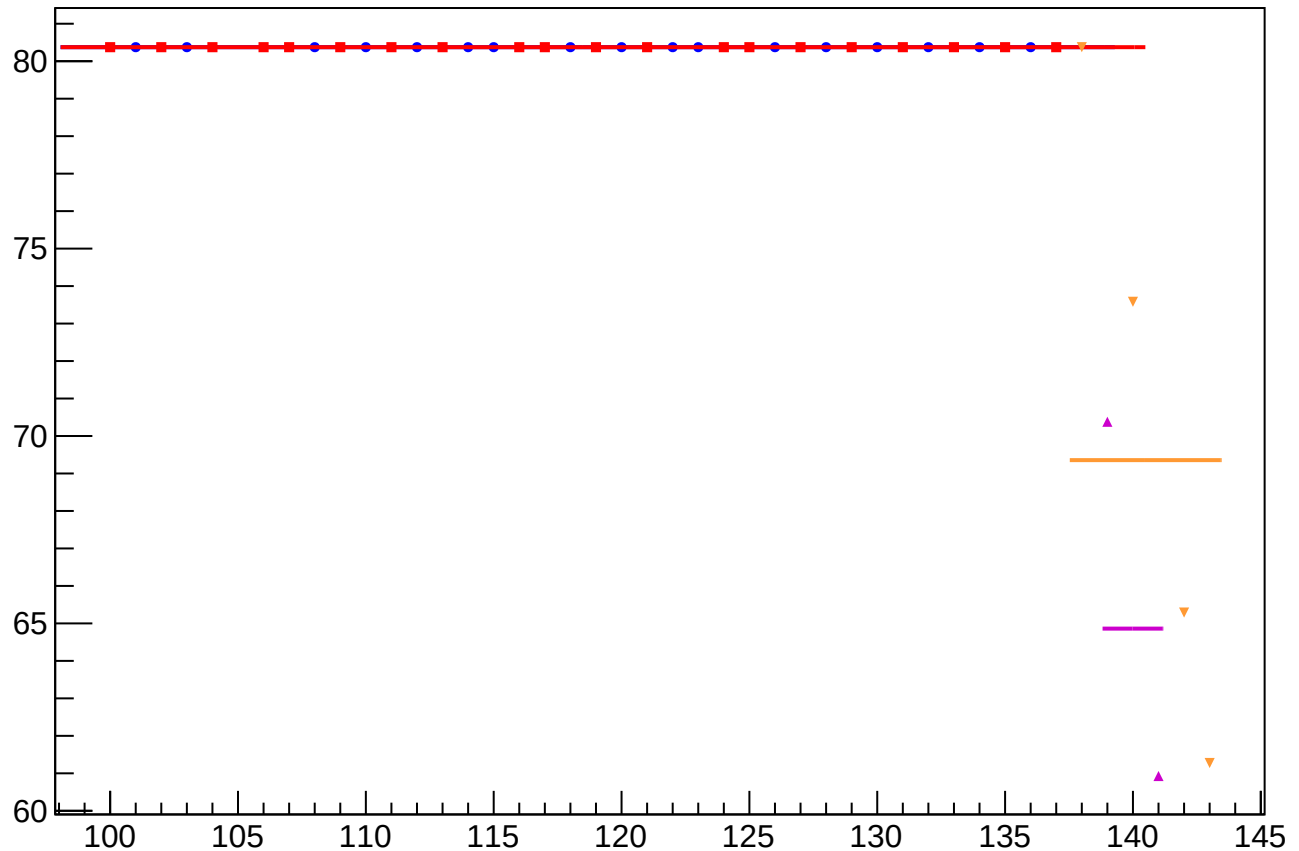
Left In: -12.154 $\pm$ 51.115 χ^2/NDF : 0.1/1

130.462 $\pm$ 20.328 χ^2/NDF : 3.7/20

-1.591 $\pm$ 14.101 χ^2/NDF : 90.7/42

-124.043 $\pm$ 19.575 χ^2/NDF : 5.7/21

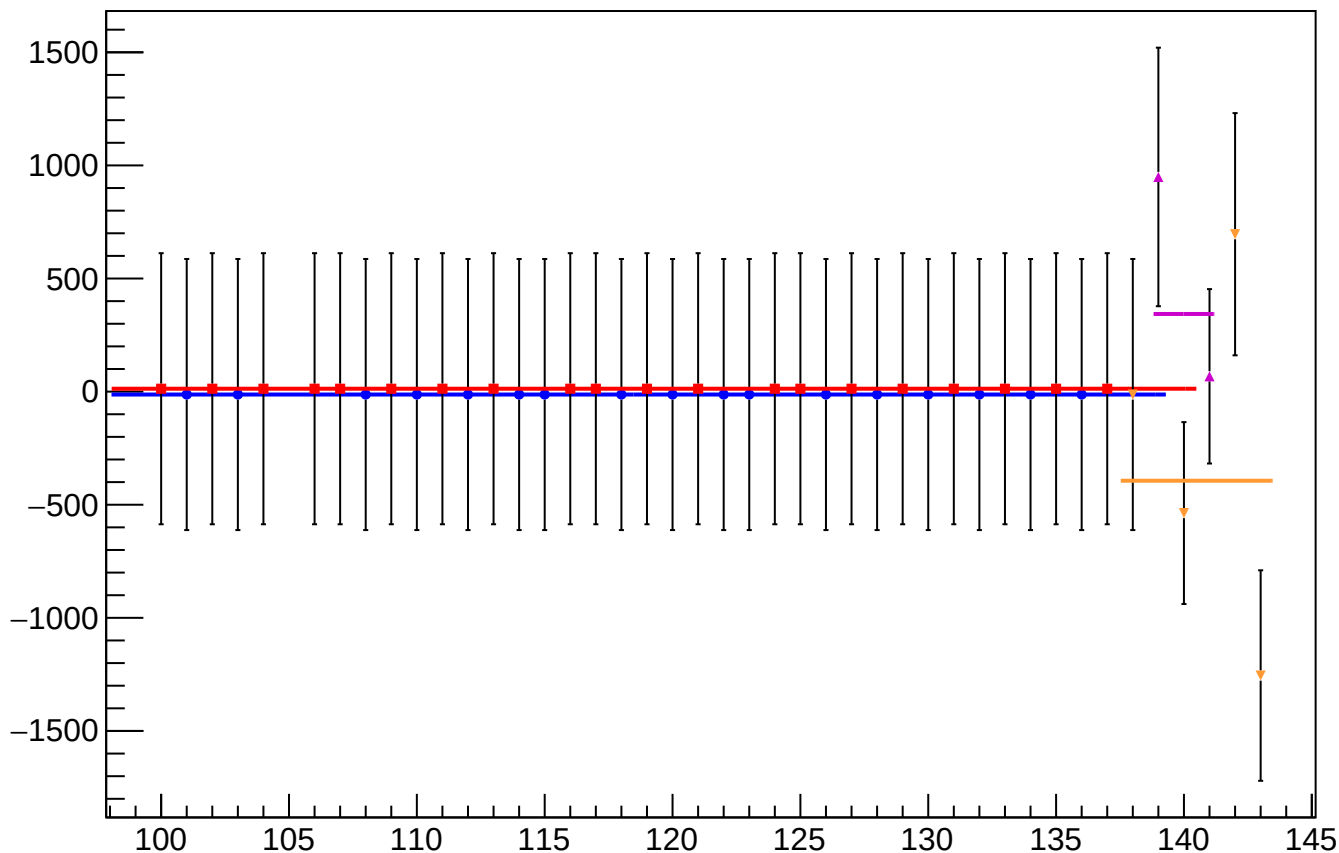
dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 80.374 $\pm$ 0.016 χ^2 /NDF: 0.0/16
 Left Out: 69.356 $\pm$ 0.031 χ^2 /NDF: 58208.6/3
 Right Out: 80.374 $\pm$ 0.015 χ^2 /NDF: 0.0/19
 Left In: 64.861 $\pm$ 0.036 χ^2 /NDF: 16616.4/1

77.974 $\pm$ 0.014 χ^2 /NDF: 158299.3/20
 78.039 $\pm$ 0.010 χ^2 /NDF: 332150.1/42
 78.099 $\pm$ 0.014 χ^2 /NDF: 173811.9/21

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -12.832+/-145.325 χ^2/NDF : 0.0/16

Left Out: -393.876+/-241.966 χ^2/NDF : 8.1/3

Right Out: 12.832+/-133.983 χ^2/NDF : 0.0/19

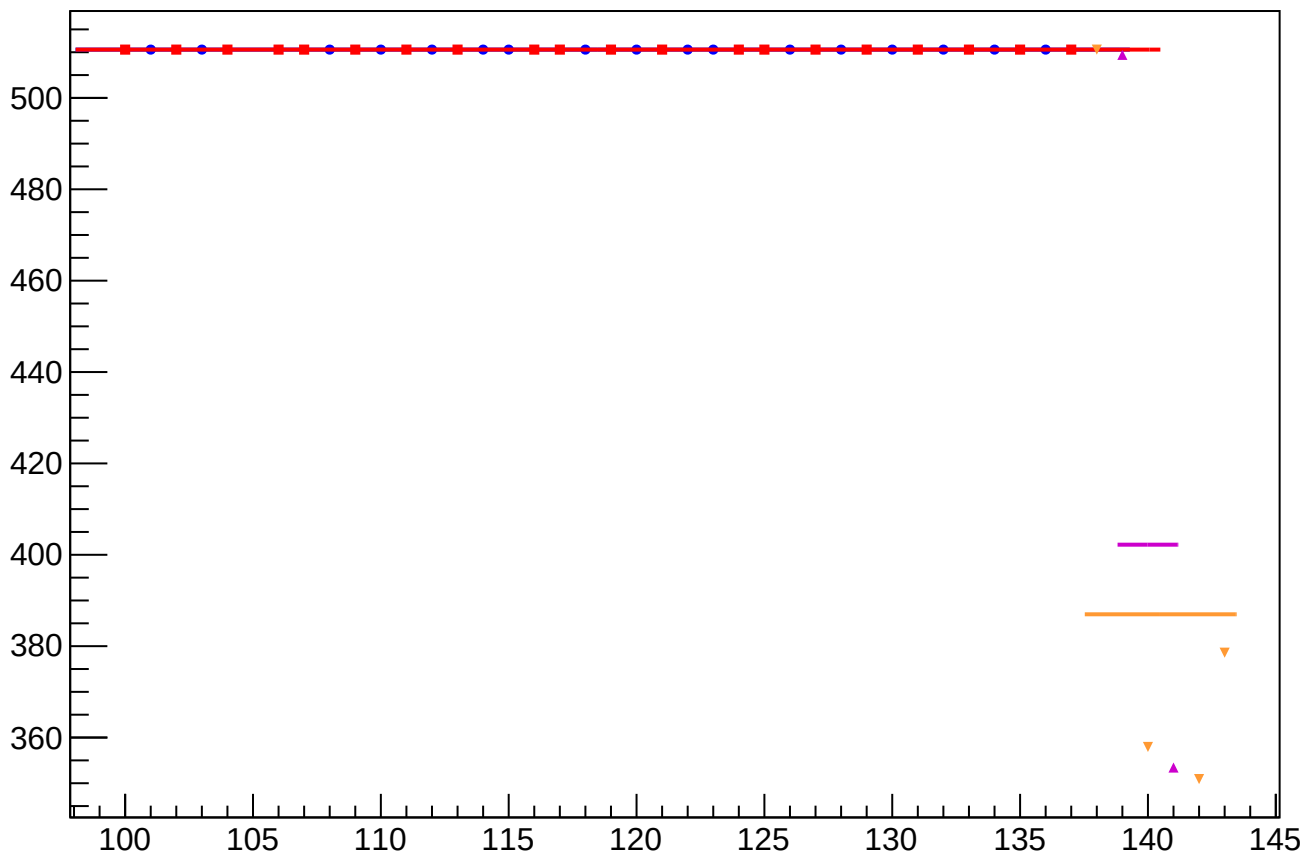
Left In: 343.291+/-319.570 χ^2/NDF : 1.6/1

-113.845+/-124.582 χ^2/NDF : 9.9/20

-25.081+/-87.730 χ^2/NDF : 13.5/42

62.236+/-123.563 χ^2/NDF : 2.5/21

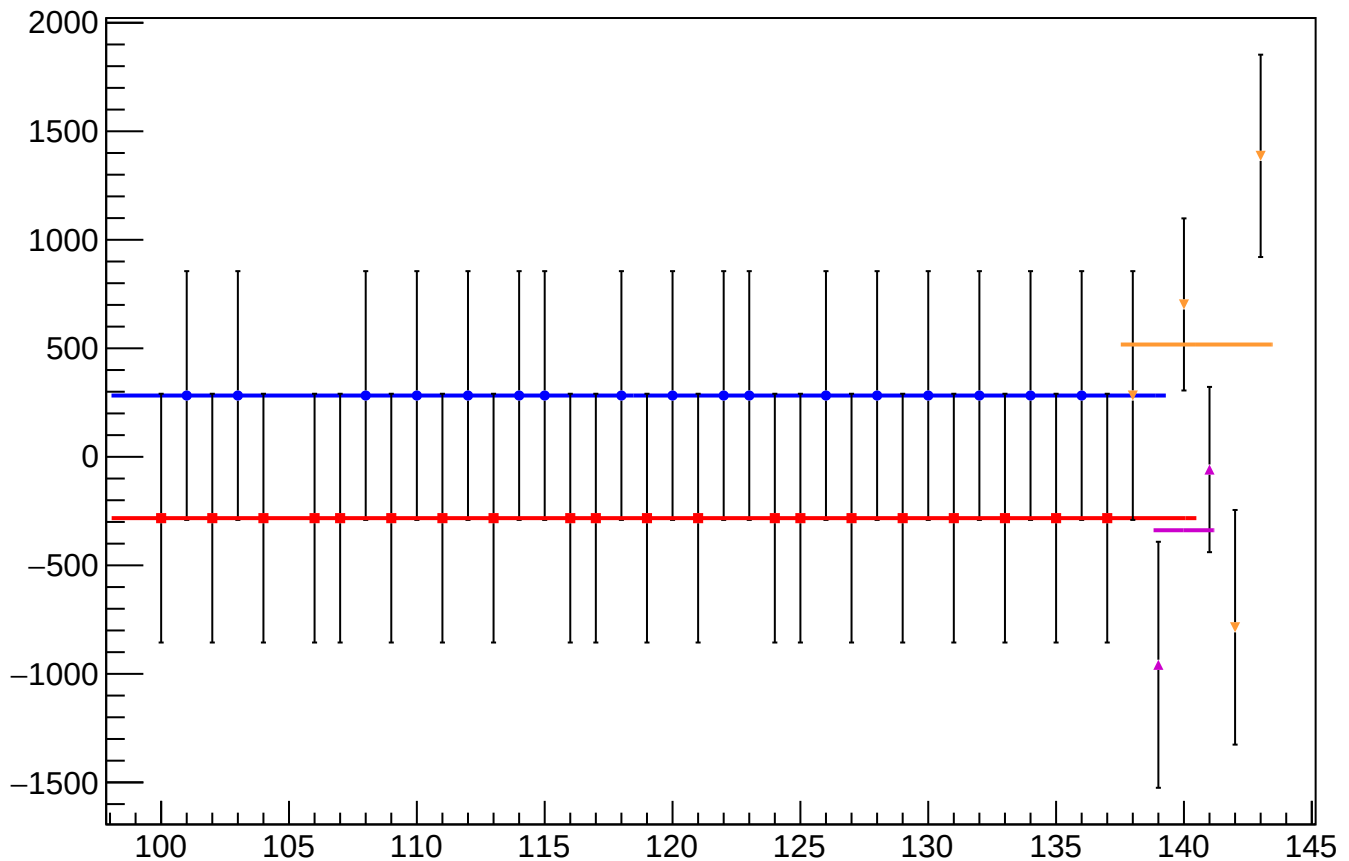
asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 510.575 $\pm$ 0.103 χ^2 /NDF: 0.0/16
 Left Out: 386.976 $\pm$ 0.171 χ^2 /NDF: 105256.9/3
 Right Out: 510.575 $\pm$ 0.095 χ^2 /NDF: 0.0/19
 Left In: 402.213 $\pm$ 0.226 χ^2 /NDF: 102419.4/1

477.809 $\pm$ 0.088 χ^2 /NDF: 488768.9/20
 486.160 $\pm$ 0.062 χ^2 /NDF: 804592.3/42
 494.375 $\pm$ 0.087 χ^2 /NDF: 297997.6/21

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 282.465 $\pm$ 139.000 χ^2/NDF : 0.0/16

Left Out: 517.502 $\pm$ 239.537 χ^2/NDF : 9.7/3

Right Out: -282.465 $\pm$ 128.152 χ^2/NDF : 0.0/19

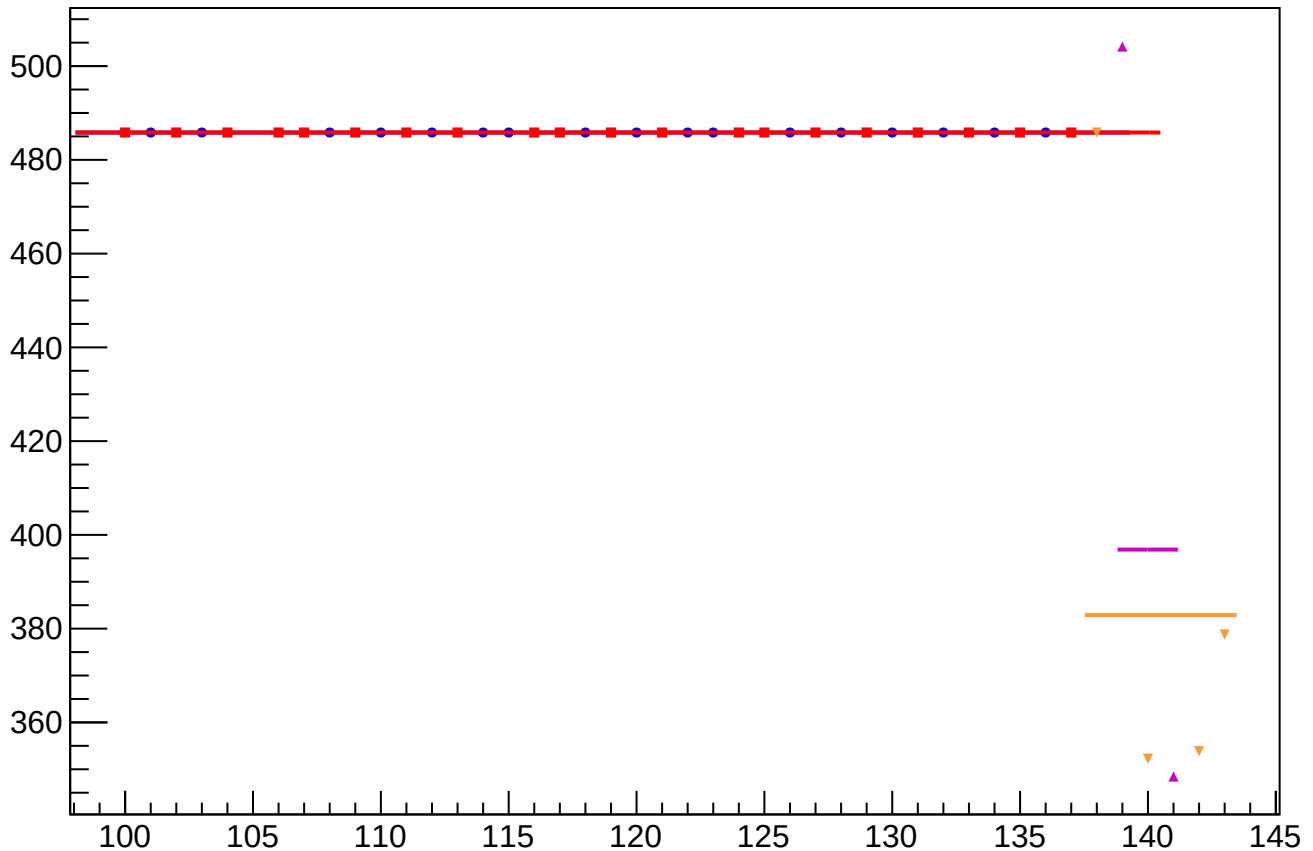
Left In: -338.243 $\pm$ 316.045 χ^2/NDF : 1.7/1

341.672 $\pm$ 120.224 χ^2/NDF : 10.4/20

21.793 $\pm$ 84.489 χ^2/NDF : 26.1/42

-290.341 $\pm$ 118.760 χ^2/NDF : 1.8/21

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 485.828+/-0.098 χ^2/NDF : 0.0/16

Left Out: 382.901+/-0.169 χ^2/NDF : 82384.9/3

Right Out: 485.828+/-0.091 χ^2/NDF : 0.0/19

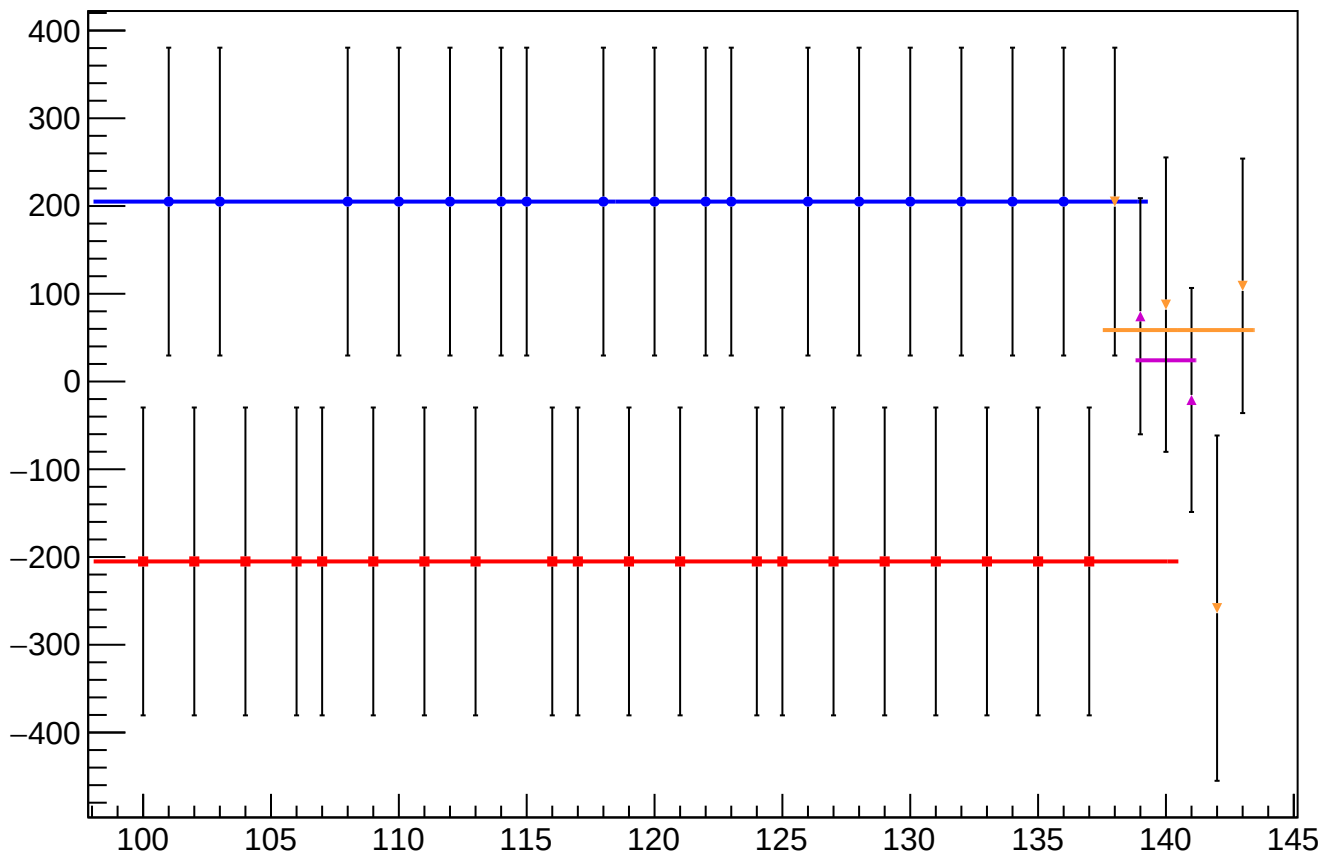
Left In: 396.868+/-0.223 χ^2/NDF : 104018.1/1

459.900+/-0.085 χ^2/NDF : 358633.1/20

466.665+/-0.060 χ^2/NDF : 611251.0/42

473.267+/-0.084 χ^2/NDF : 240105.3/21

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 205.044 $\pm$ 42.546 χ^2 /NDF: 0.0/16

Left Out: 58.625 $\pm$ 84.092 χ^2 /NDF:3.4/3

Right Out: -205.044 $\pm$ 39.226 χ^2 /NDF: 0.0/19

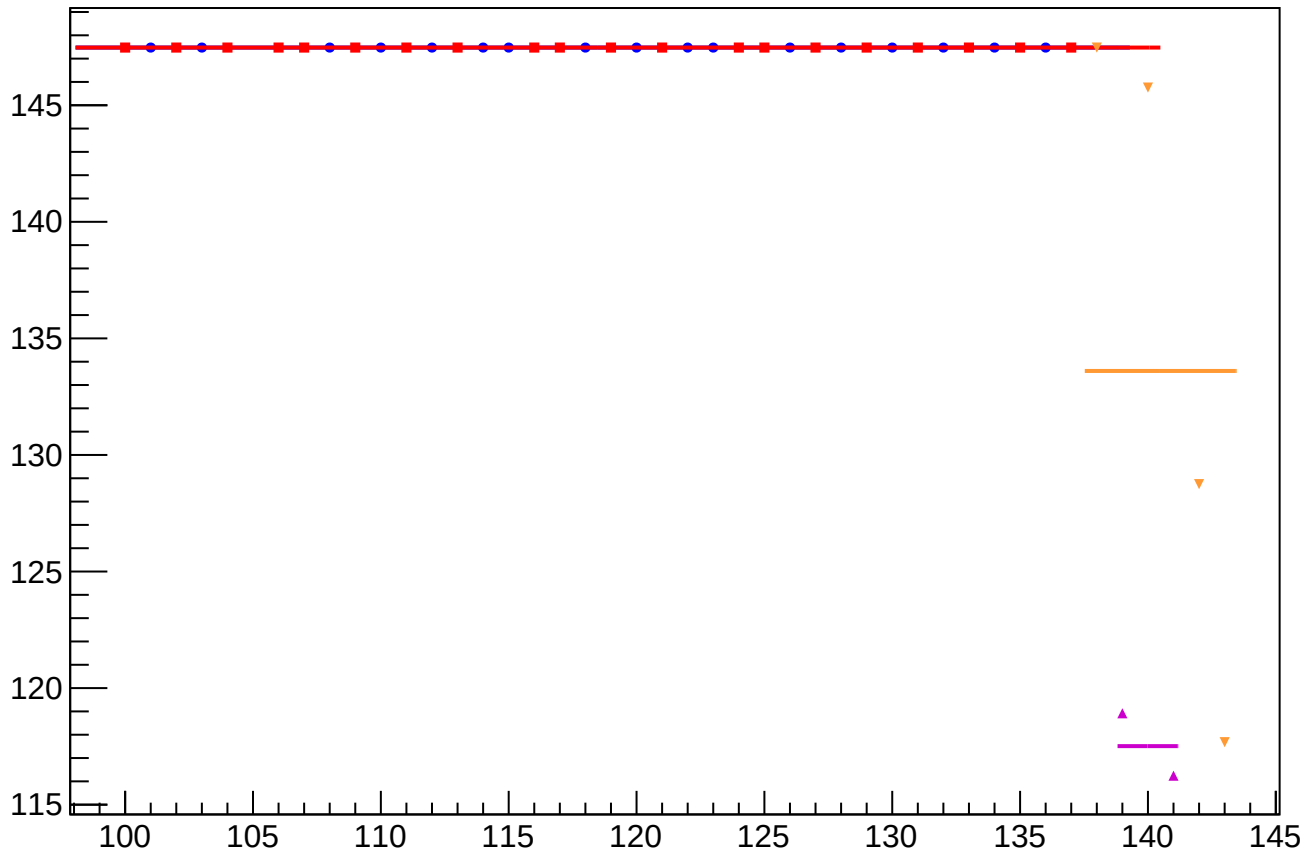
Left In: 24.175 $\pm$ 92.606 χ^2 /NDF:0.3/1

175.203 $\pm$ 37.964 χ^2 /NDF: 5.9/20

-6.081 $\pm$ 26.168 χ^2 /NDF: 54.8/42

-170.175 $\pm$ 36.119 χ^2 /NDF: 5.5/21

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 147.474 $\pm$ 0.030 χ^2 /NDF: 0.0/16

Left Out: 133.603 $\pm$ 0.059 χ^2 /NDF:48337.7/3

Right Out: 147.474 $\pm$ 0.028 χ^2 /NDF: 0.0/19

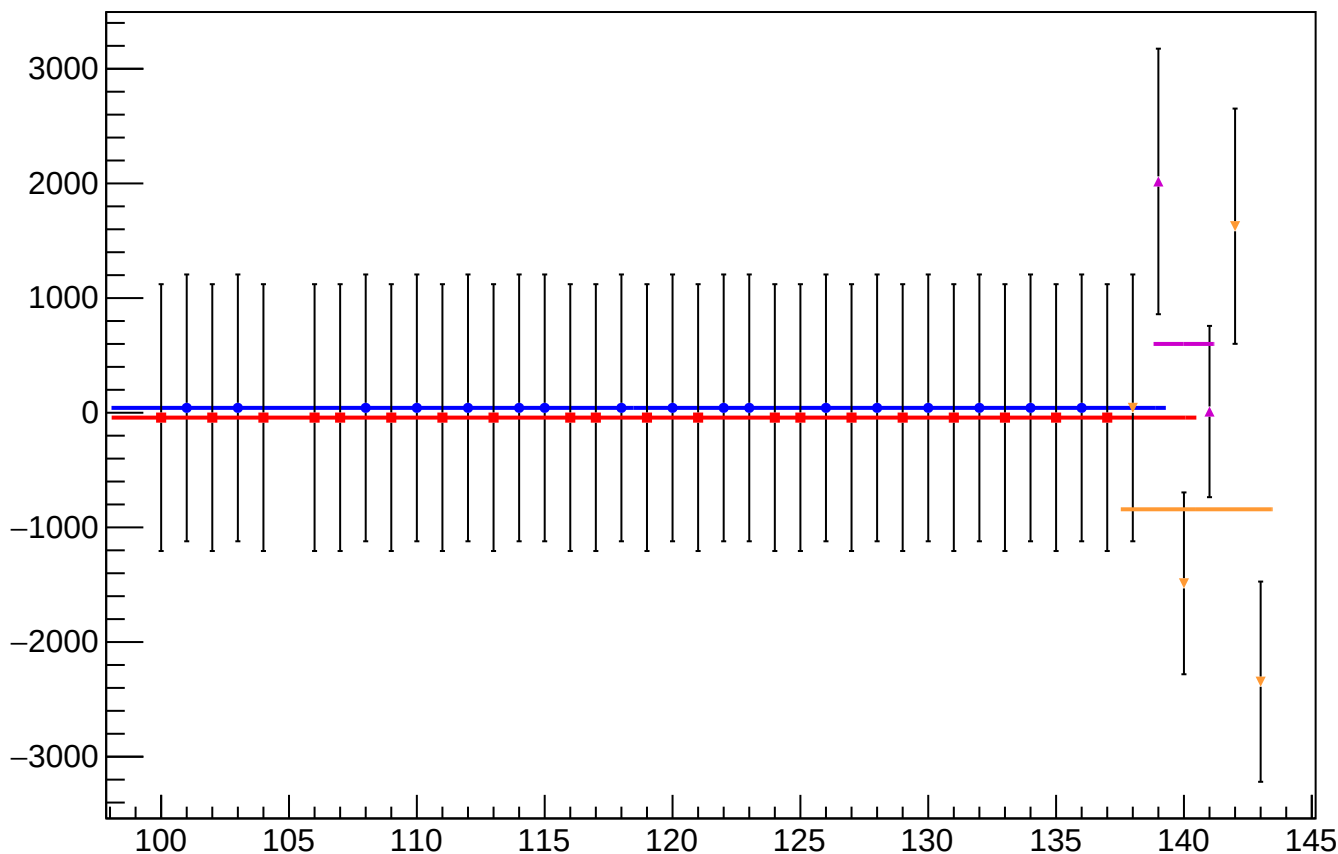
Left In: 117.511 $\pm$ 0.065 χ^2 /NDF:416.7/1

144.647 $\pm$ 0.027 χ^2 /NDF: 91664.9/20

143.739 $\pm$ 0.019 χ^2 /NDF: 271790.6/42

142.916 $\pm$ 0.026 χ^2 /NDF: 177943.2/21

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 42.446+/-282.215 χ^2/NDF : 0.0/16

Left Out: -842.161+/-466.722 χ^2/NDF : 10.0/3

Right Out: -42.446+/-260.189 χ^2/NDF : 0.0/19

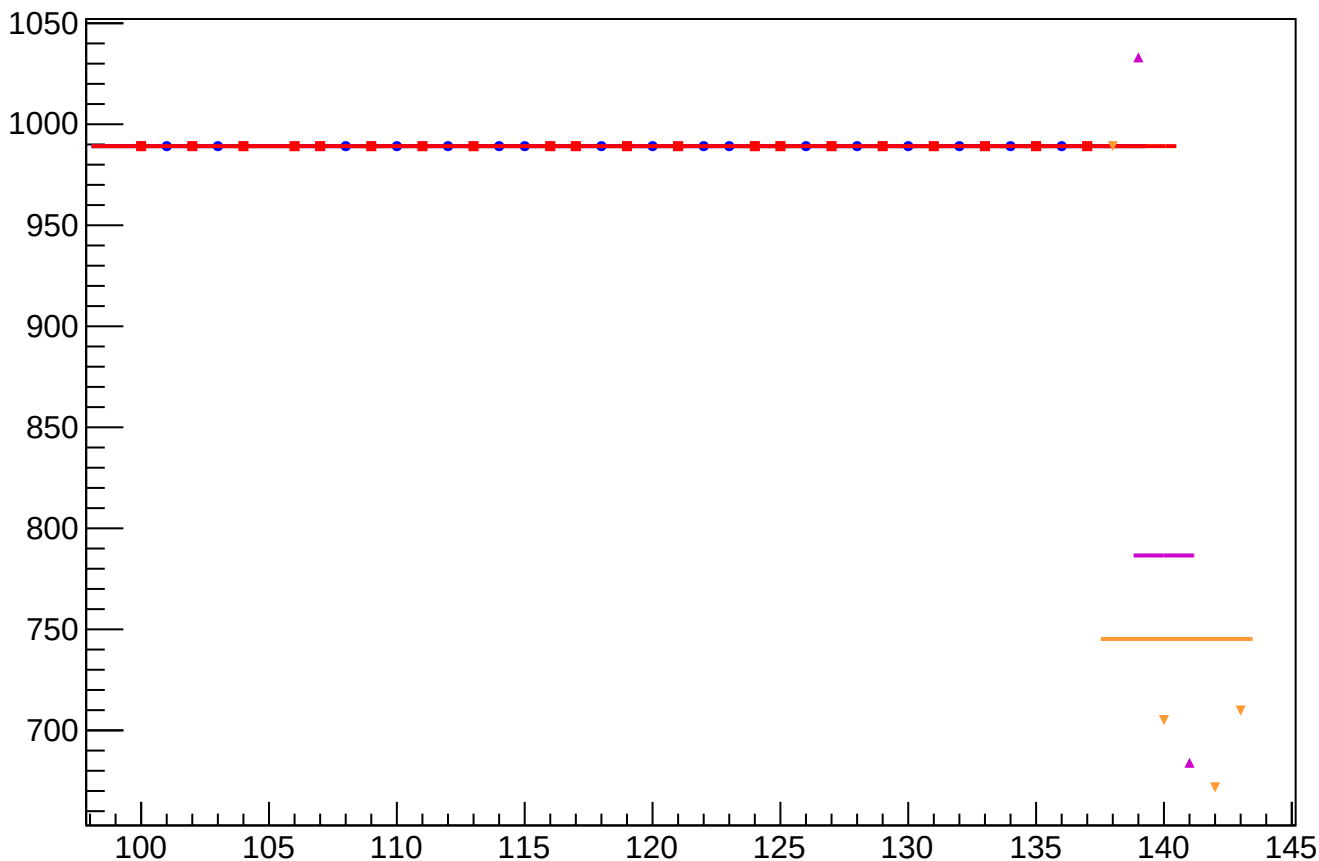
Left In: 600.086+/-627.698 χ^2/NDF : 2.1/1

-194.397+/-241.498 χ^2/NDF : 12.6/20

-70.733+/-170.360 χ^2/NDF : 16.2/42

51.767+/-240.358 χ^2/NDF : 3.0/21

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 989.160 $\pm$ 0.200 χ^2 /NDF: 0.0/16

Left Out: 745.241 $\pm$ 0.330 χ^2 /NDF:106561.3/3

Right Out: 989.160 $\pm$ 0.184 χ^2 /NDF: 0.0/19

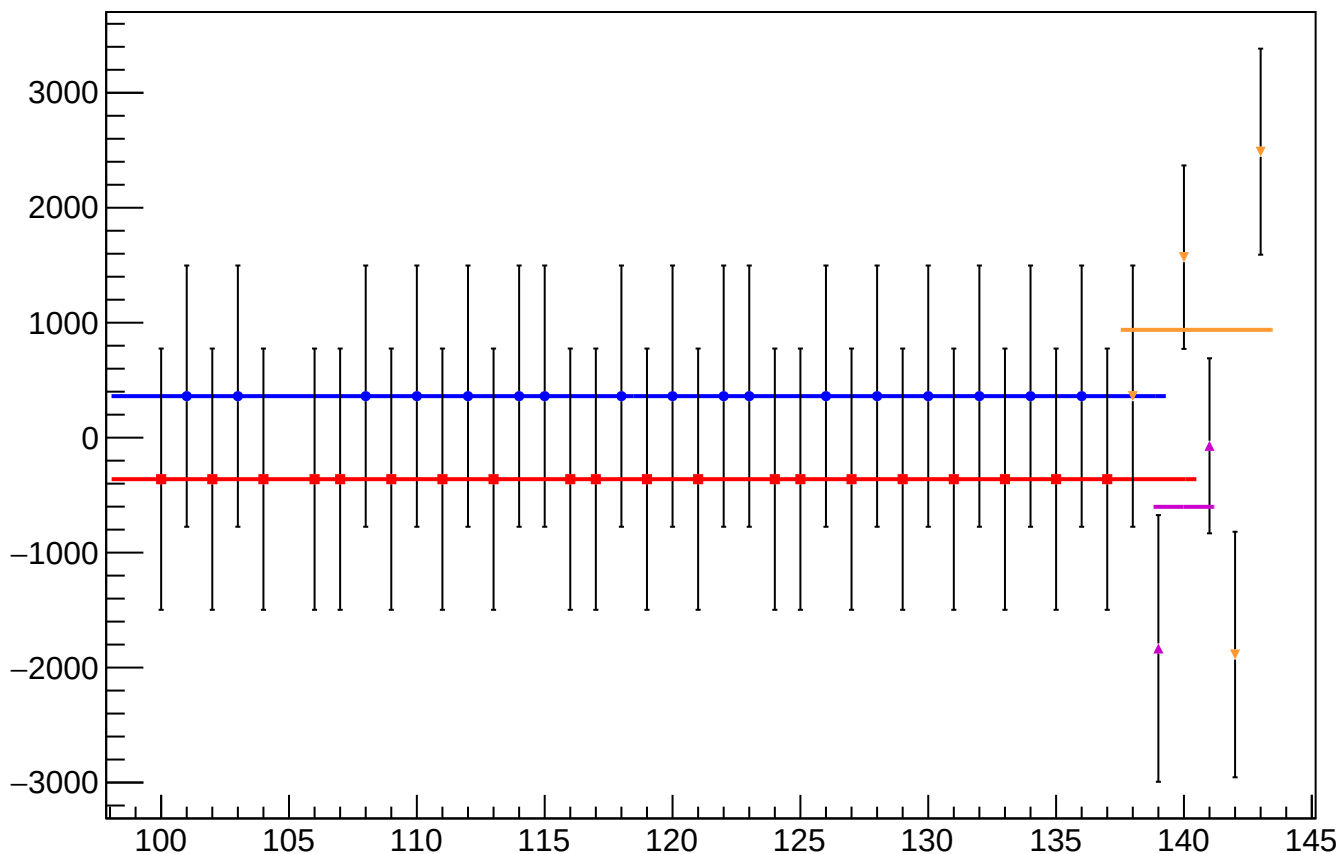
Left In: 786.573 $\pm$ 0.444 χ^2 /NDF:128377.8/1

923.854 $\pm$ 0.171 χ^2 /NDF: 506573.6/20

941.739 $\pm$ 0.120 χ^2 /NDF: 834569.9/42

959.455 $\pm$ 0.170 χ^2 /NDF: 306160.7/21

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 361.179 ± 275.595 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 937.921 ± 473.163 $\chi^2/\text{NDF}: 10.9/3$

Right Out: -361.179 ± 254.086 $\chi^2/\text{NDF}: 0.0/19$

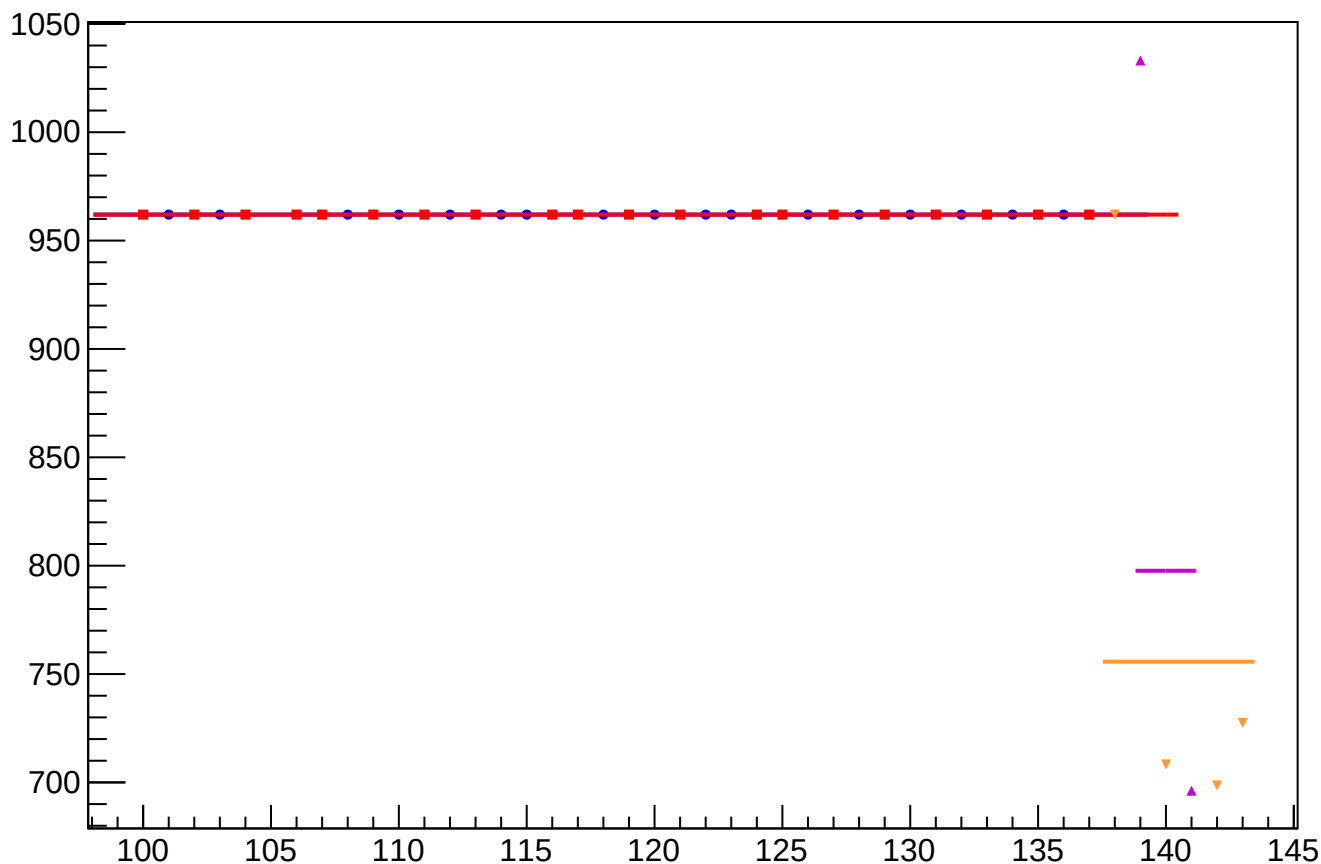
Left In: -601.742 ± 636.498 $\chi^2/\text{NDF}: 1.6/1$

507.276 ± 238.144 $\chi^2/\text{NDF}: 12.0/20$

52.397 ± 167.622 $\chi^2/\text{NDF}: 20.9/42$

-394.245 ± 235.978 $\chi^2/\text{NDF}: 1.7/21$

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 961.988 $\pm$ 0.195 χ^2 /NDF: 0.0/16

Left Out: 755.714 $\pm$ 0.335 χ^2 /NDF: 80686.5/3

Right Out: 961.988 $\pm$ 0.180 χ^2 /NDF: 0.0/19

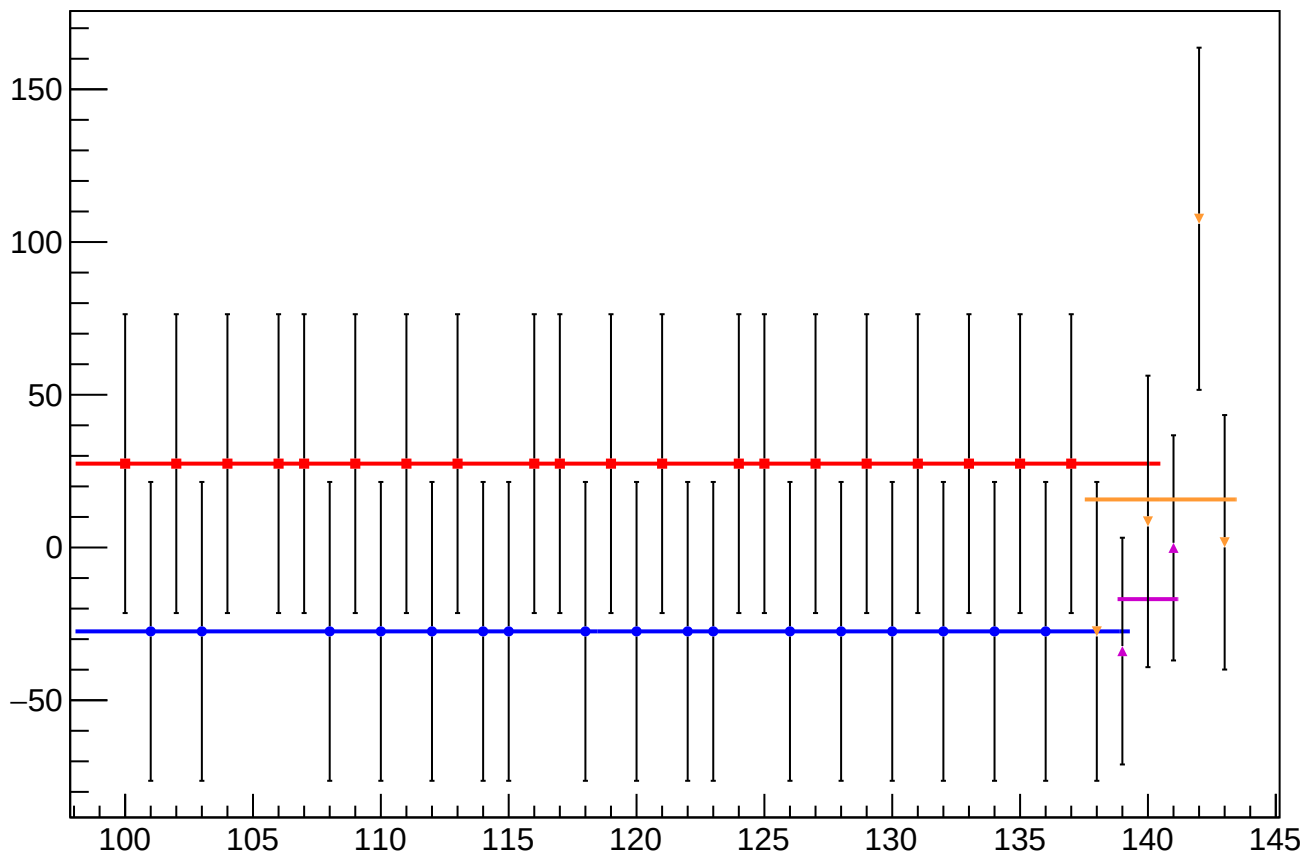
Left In: 797.653 $\pm$ 0.450 χ^2 /NDF: 117921.6/1

909.736 $\pm$ 0.168 χ^2 /NDF: 364503.2/20

924.704 $\pm$ 0.119 χ^2 /NDF: 613077.5/42

939.400 $\pm$ 0.167 χ^2 /NDF: 232916.6/21

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -27.456 ± 11.864 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 15.731 ± 23.890 $\chi^2/\text{NDF}: 3.6/3$

Right Out: 27.456 ± 10.938 $\chi^2/\text{NDF}: 0.0/19$

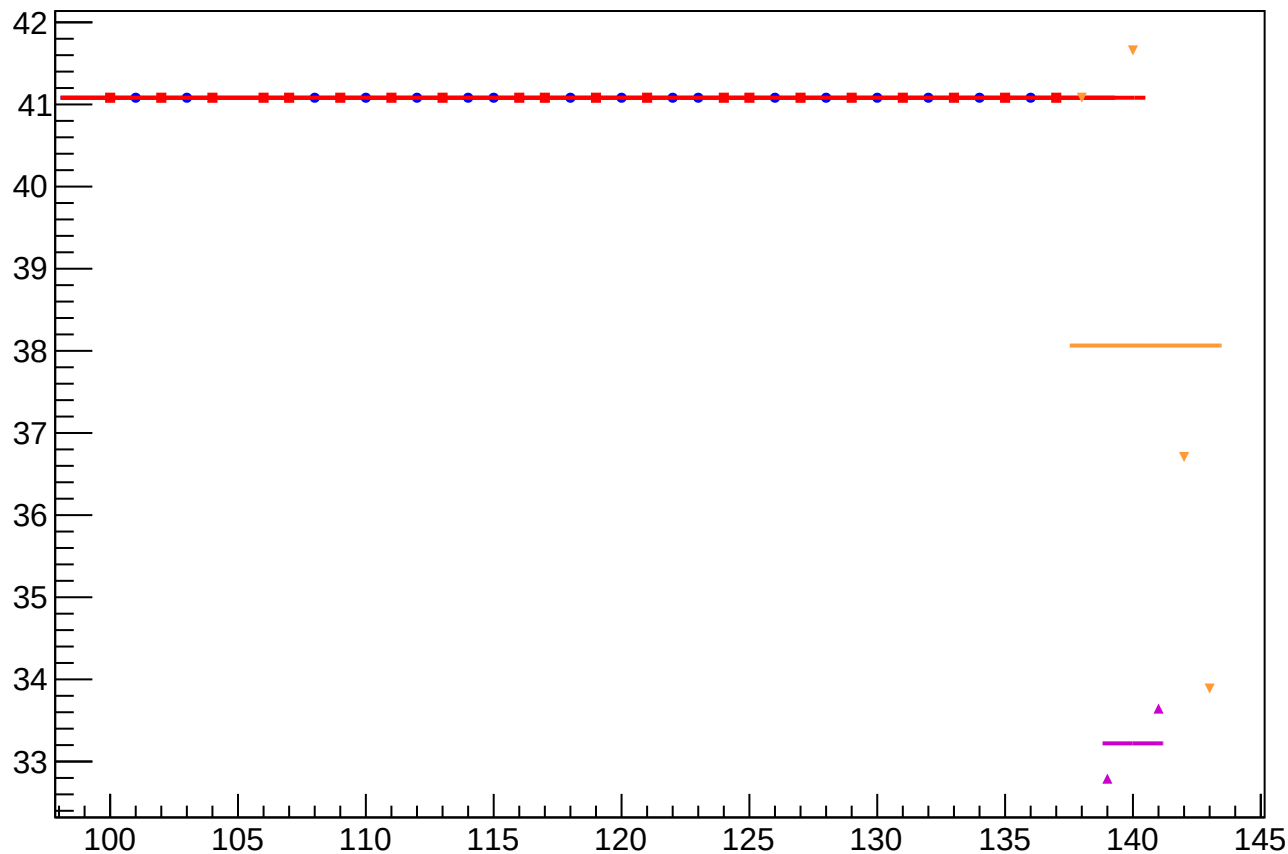
Left In: -16.900 ± 26.151 $\chi^2/\text{NDF}: 0.4/1$

-18.912 ± 10.626 $\chi^2/\text{NDF}: 6.2/20$

1.996 ± 7.317 $\chi^2/\text{NDF}: 16.5/42$

20.852 ± 10.091 $\chi^2/\text{NDF}: 2.9/21$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 41.082 $\pm$ 0.008 χ^2 /NDF: 0.0/16

Left Out: 38.065 $\pm$ 0.017 χ^2 /NDF: 40225.5/3

Right Out: 41.082 $\pm$ 0.008 χ^2 /NDF: 0.0/19

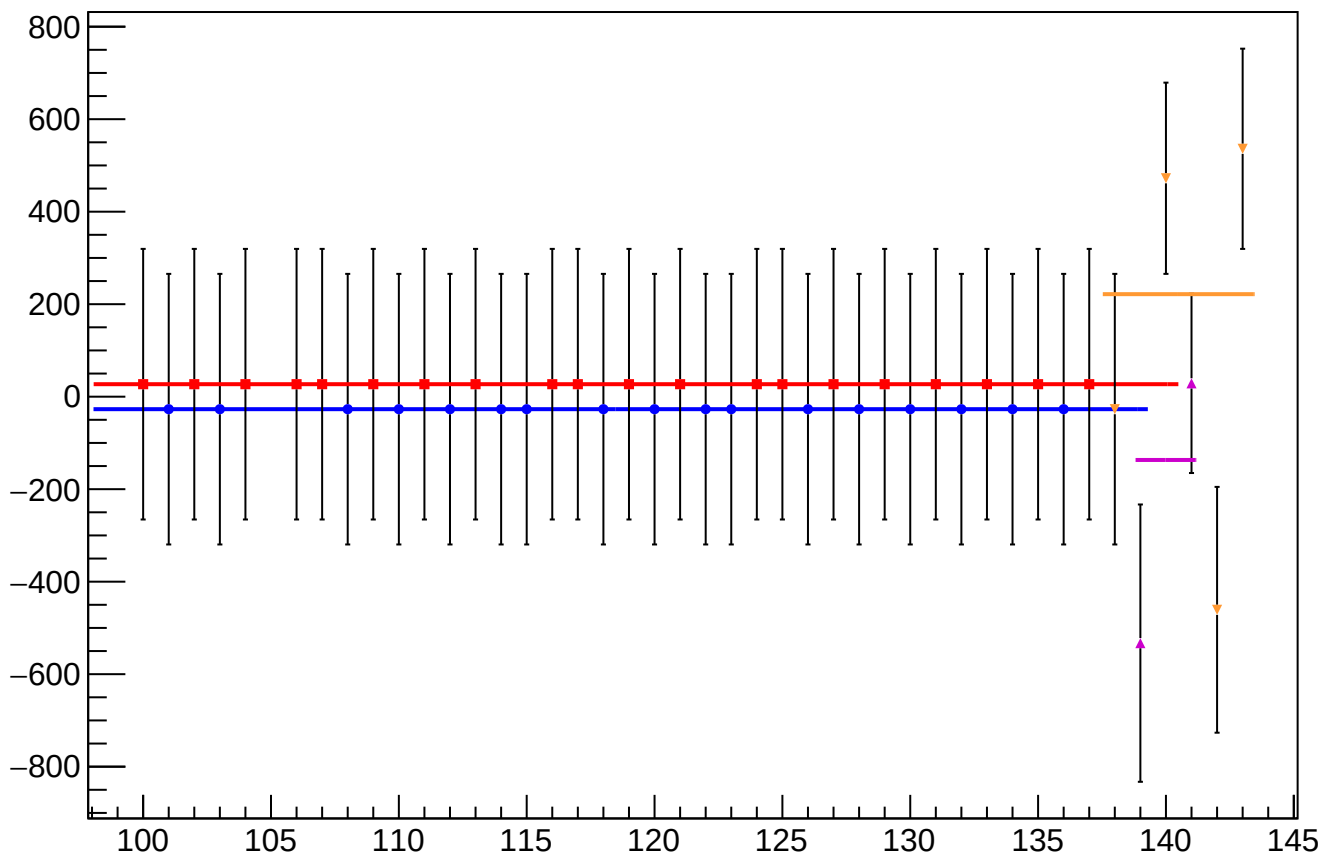
Left In: 33.221 $\pm$ 0.018 χ^2 /NDF: 532.2/1

40.485 $\pm$ 0.008 χ^2 /NDF: 65815.3/20

40.183 $\pm$ 0.005 χ^2 /NDF: 223214.2/42

39.912 $\pm$ 0.007 χ^2 /NDF: 154335.4/21

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: -27.007 $\pm$ 70.953 χ^2 /NDF: 0.0/16

Left Out: 221.669 $\pm$ 119.035 χ^2 /NDF:10.9/3

Right Out: 27.007 $\pm$ 65.416 χ^2 /NDF: 0.0/19

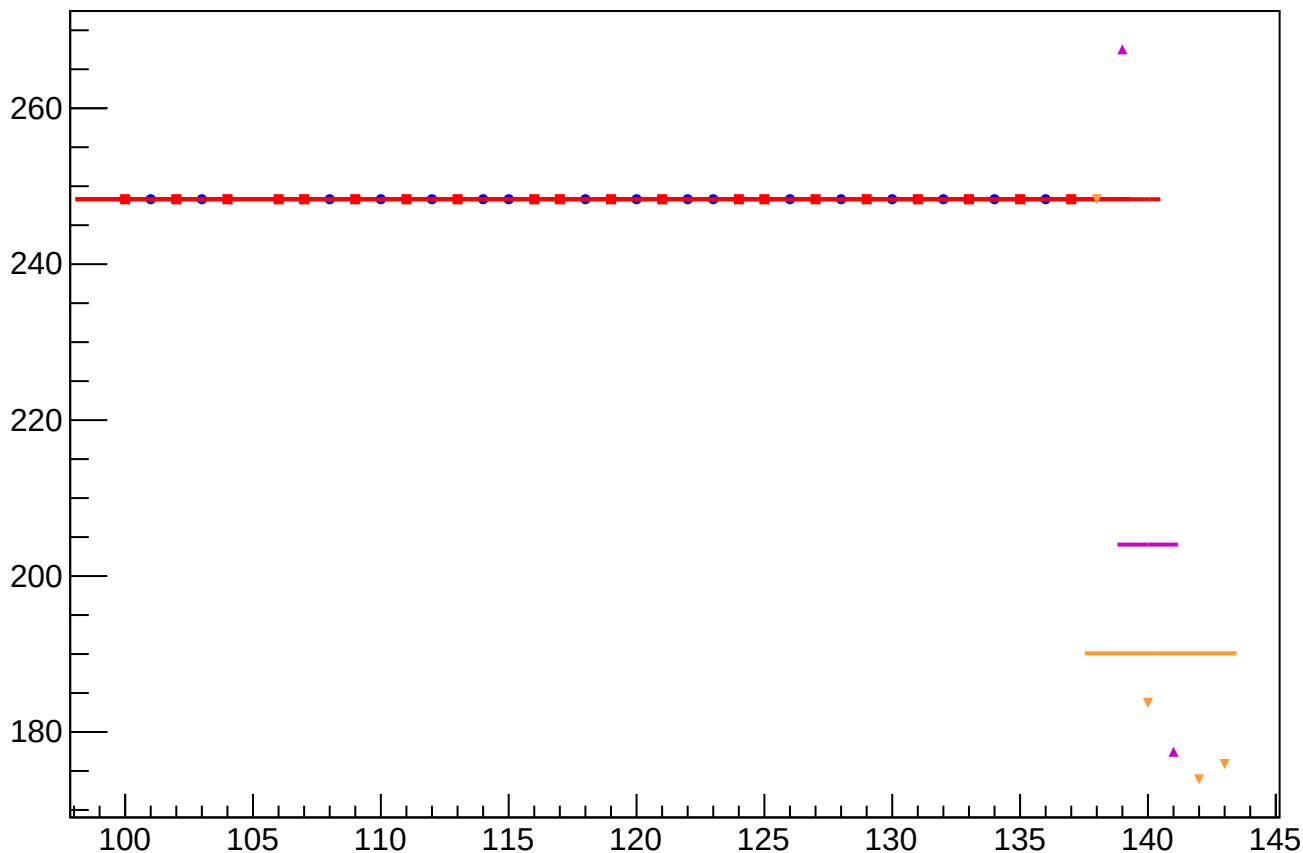
Left In: -136.826 $\pm$ 162.819 χ^2 /NDF:2.5/1

38.185 $\pm$ 60.947 χ^2 /NDF: 14.1/20

21.142 $\pm$ 43.009 χ^2 /NDF: 17.6/42

4.237 $\pm$ 60.700 χ^2 /NDF: 3.3/21

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 248.331 $\pm$ 0.050 χ^2 /NDF: 0.0/16

Left Out: 190.092 $\pm$ 0.084 χ^2 /NDF: 97149.7/3

Right Out: 248.331 $\pm$ 0.046 χ^2 /NDF: 0.0/19

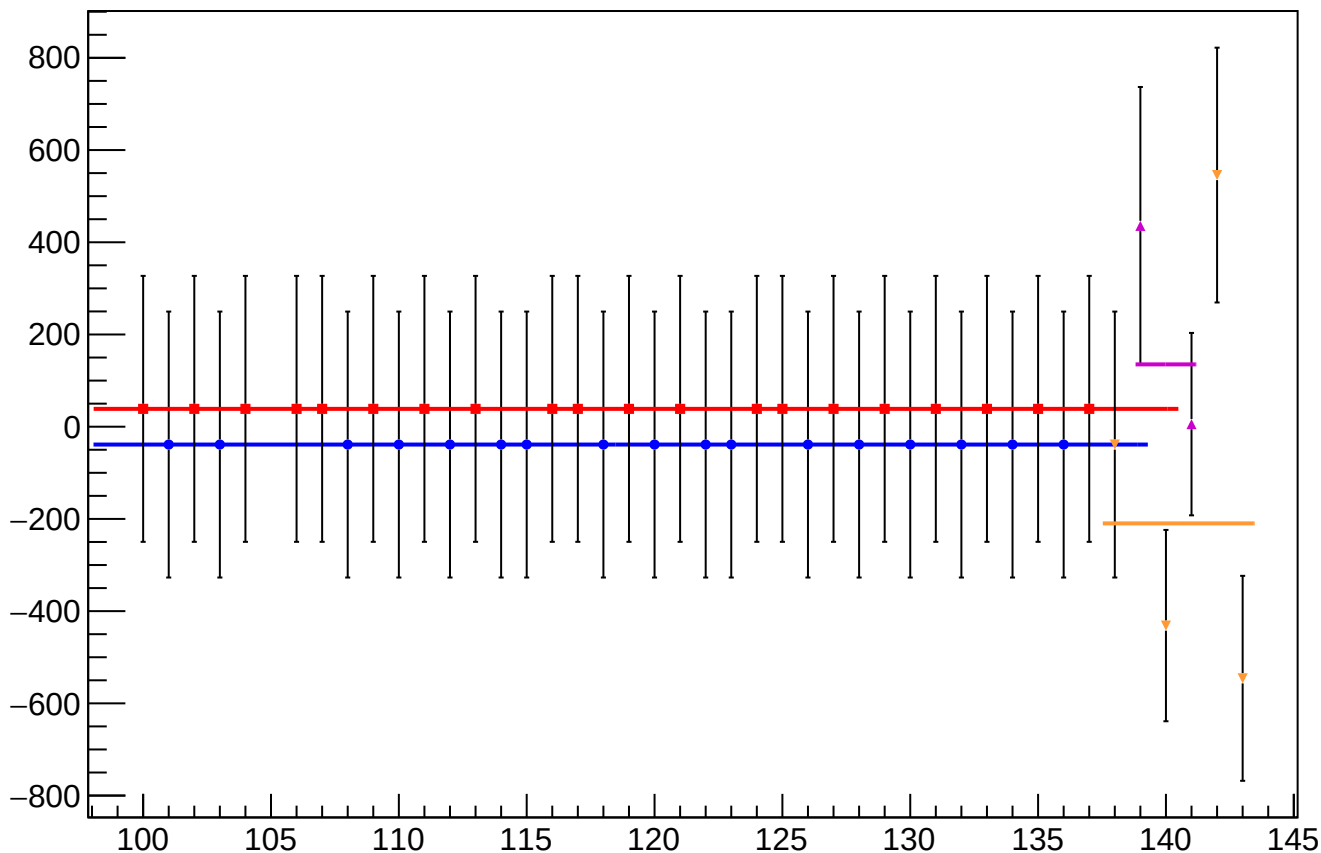
Left In: 204.035 $\pm$ 0.115 χ^2 /NDF: 127327.2/1

233.063 $\pm$ 0.043 χ^2 /NDF: 450385.9/20

237.637 $\pm$ 0.030 χ^2 /NDF: 727607.0/42

242.174 $\pm$ 0.043 χ^2 /NDF: 254781.9/21

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -38.700 ± 69.948 χ^2/NDF : 0.0/16

Left Out: -209.703 ± 120.741 χ^2/NDF : 11.3/3

Right Out: 38.700 ± 64.489 χ^2/NDF : 0.0/19

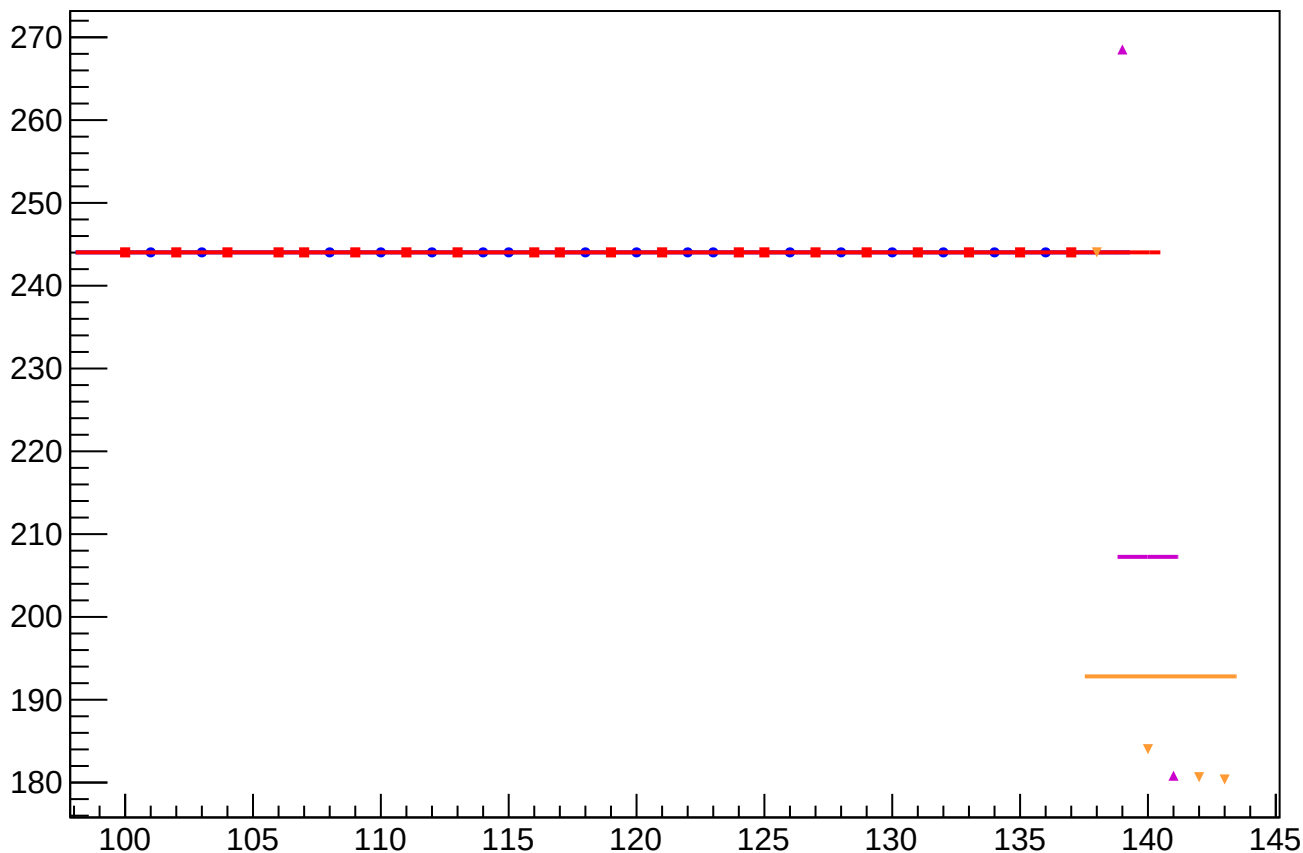
Left In: 135.155 ± 165.356 χ^2/NDF : 1.4/1

-81.670 ± 60.525 χ^2/NDF : 12.8/20

-14.628 ± 42.640 χ^2/NDF : 16.9/42

51.434 ± 60.081 χ^2/NDF : 1.7/21

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 244.026 $\pm$ 0.049 χ^2 /NDF: 0.0/16

Left Out: 192.818 $\pm$ 0.085 χ^2 /NDF: 76801.0/3

Right Out: 244.026 $\pm$ 0.046 χ^2 /NDF: 0.0/19

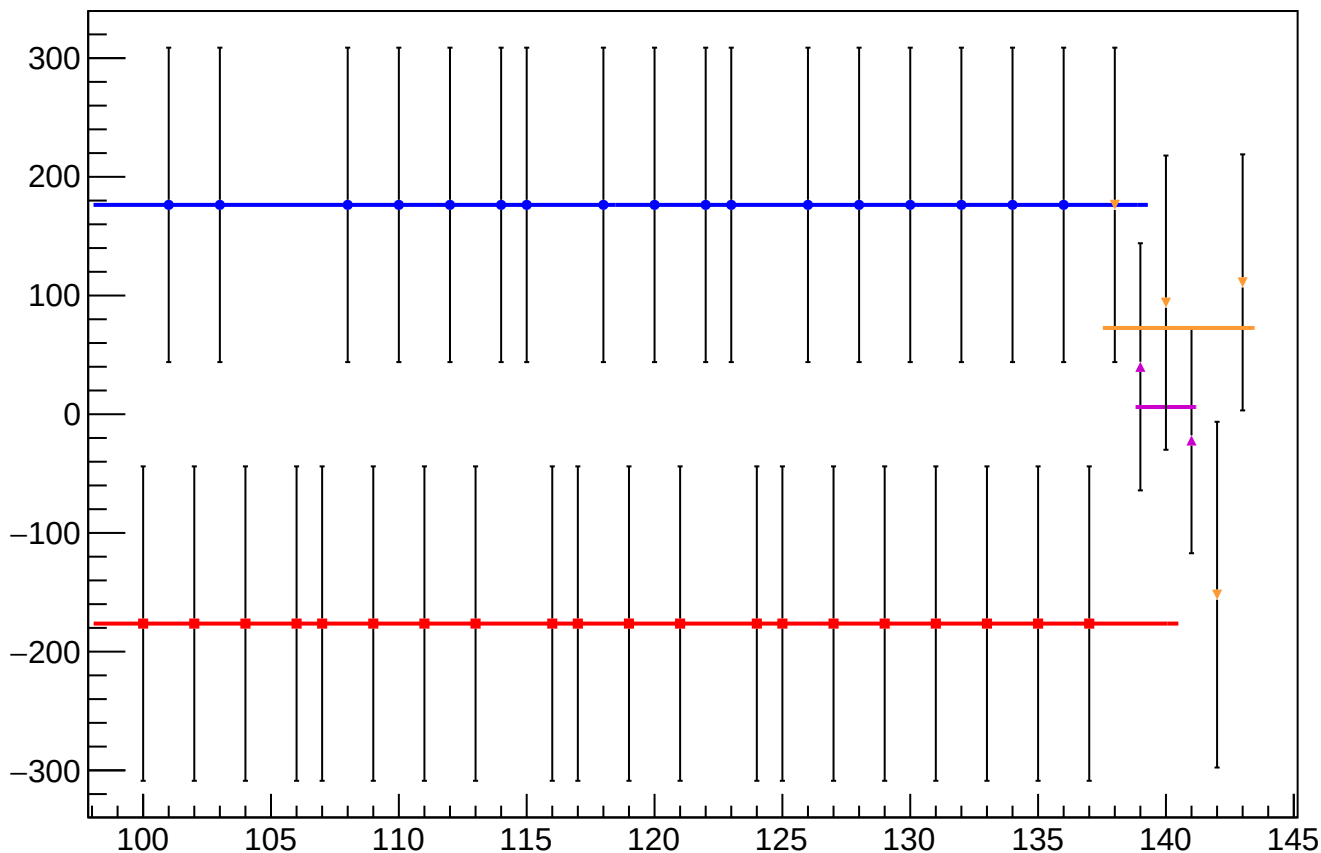
Left In: 207.255 $\pm$ 0.117 χ^2 /NDF: 118457.0/1

231.158 $\pm$ 0.043 χ^2 /NDF: 346156.4/20

235.195 $\pm$ 0.030 χ^2 /NDF: 568116.6/42

239.172 $\pm$ 0.042 χ^2 /NDF: 204302.6/21

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 176.371 $\pm$ 32.123 χ^2/NDF : 0.0/16

Left Out: 72.701 $\pm$ 62.595 χ^2/NDF : 3.1/3

Right Out: -176.371 $\pm$ 29.616 χ^2/NDF : 0.0/19

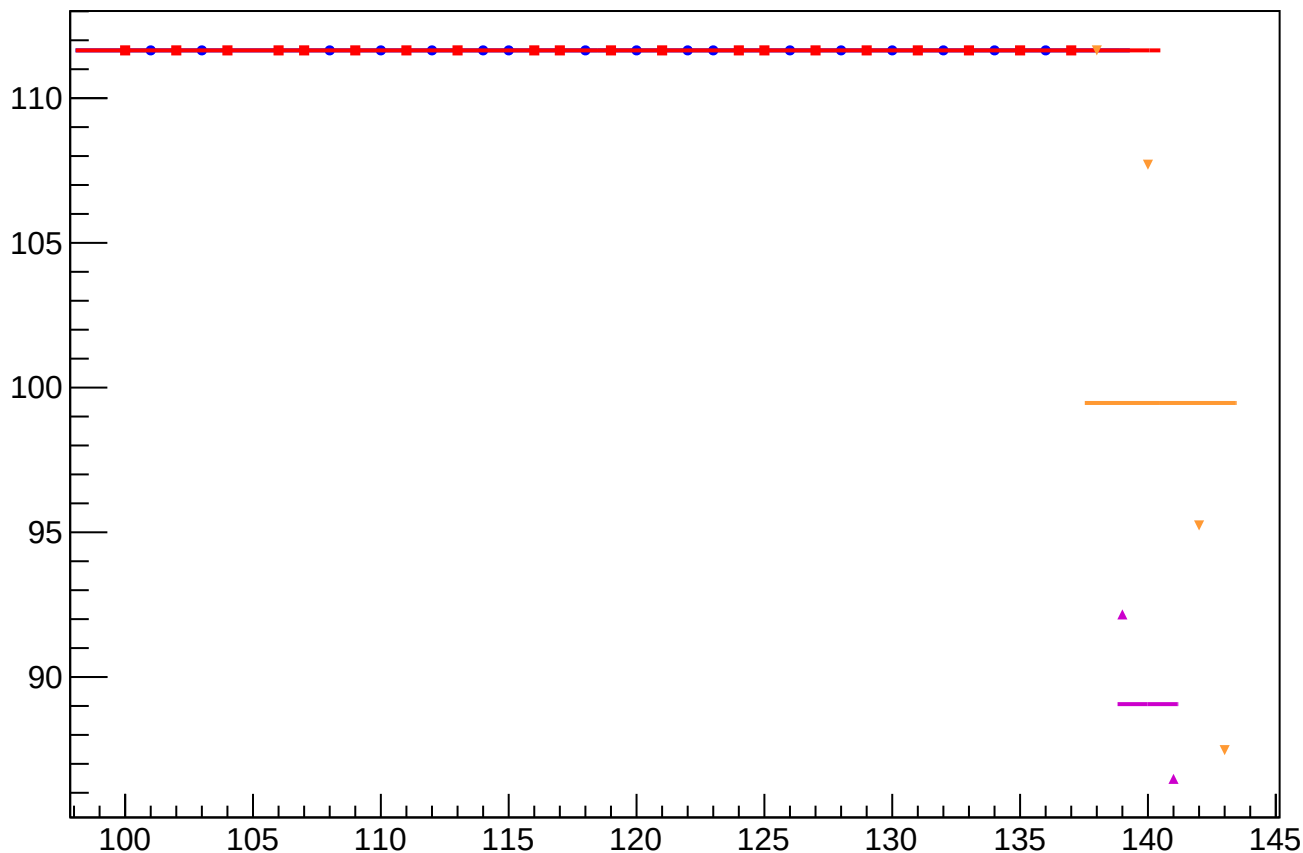
Left In: 6.085 $\pm$ 70.177 χ^2/NDF : 0.2/1

154.760 $\pm$ 28.579 χ^2/NDF : 5.3/20

-4.040 $\pm$ 19.735 χ^2/NDF : 70.3/42

-148.788 $\pm$ 27.285 χ^2/NDF : 5.9/21

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 111.651 $\pm$ 0.023 χ^2 /NDF: 0.0/16

Left Out: 99.469 $\pm$ 0.044 χ^2 /NDF:52169.1/3

Right Out: 111.651 $\pm$ 0.021 χ^2 /NDF: 0.0/19

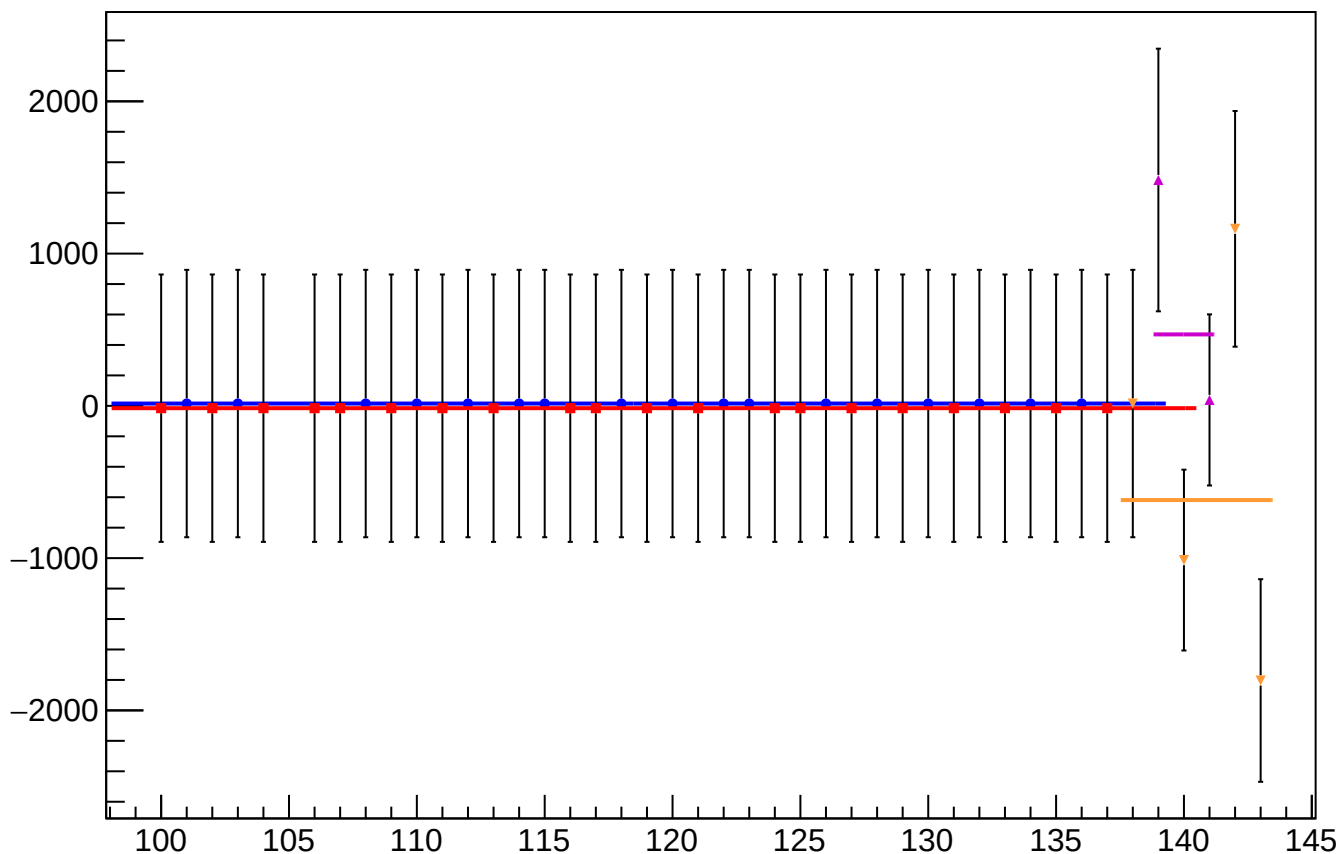
Left In: 89.063 $\pm$ 0.050 χ^2 /NDF:3250.6/1

109.111 $\pm$ 0.020 χ^2 /NDF: 112130.9/20

108.654 $\pm$ 0.014 χ^2 /NDF: 292234.2/42

108.236 $\pm$ 0.019 χ^2 /NDF: 179122.2/21

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 15.211+/-212.973 χ^2/NDF : 0.0/16

Left Out: -618.697+/-352.186 χ^2/NDF : 9.4/3

Right Out: -15.211+/-196.352 χ^2/NDF : 0.0/19

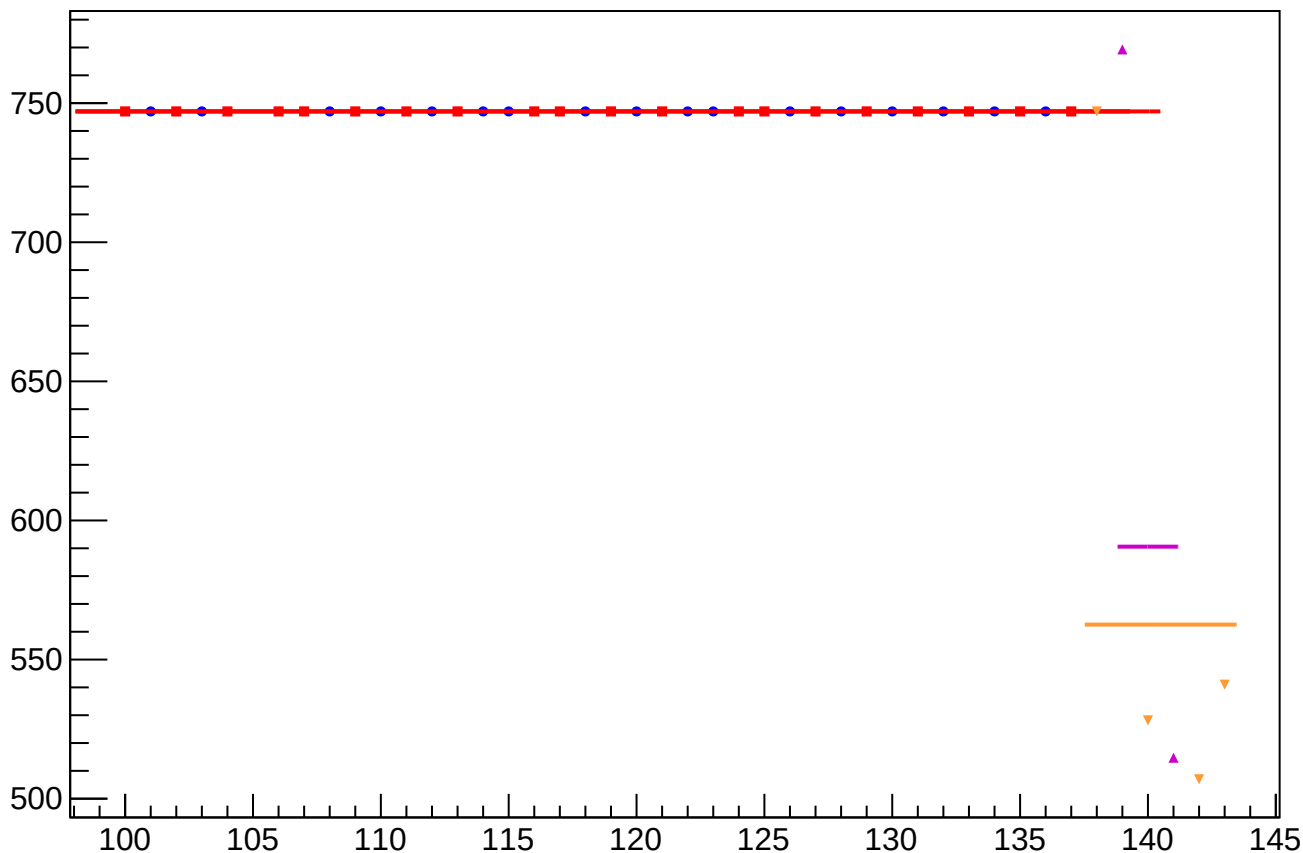
Left In: 469.359+/-470.797 χ^2/NDF : 2.0/1

-154.528+/-182.243 χ^2/NDF : 11.8/20

-48.378+/-128.503 χ^2/NDF : 15.3/42

56.587+/-181.222 χ^2/NDF : 2.9/21

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 747.026 $\pm$ 0.151 χ^2 /NDF: 0.0/16

Left Out: 562.566 $\pm$ 0.249 χ^2 /NDF:107400.9/3

Right Out: 747.026 $\pm$ 0.139 χ^2 /NDF: 0.0/19

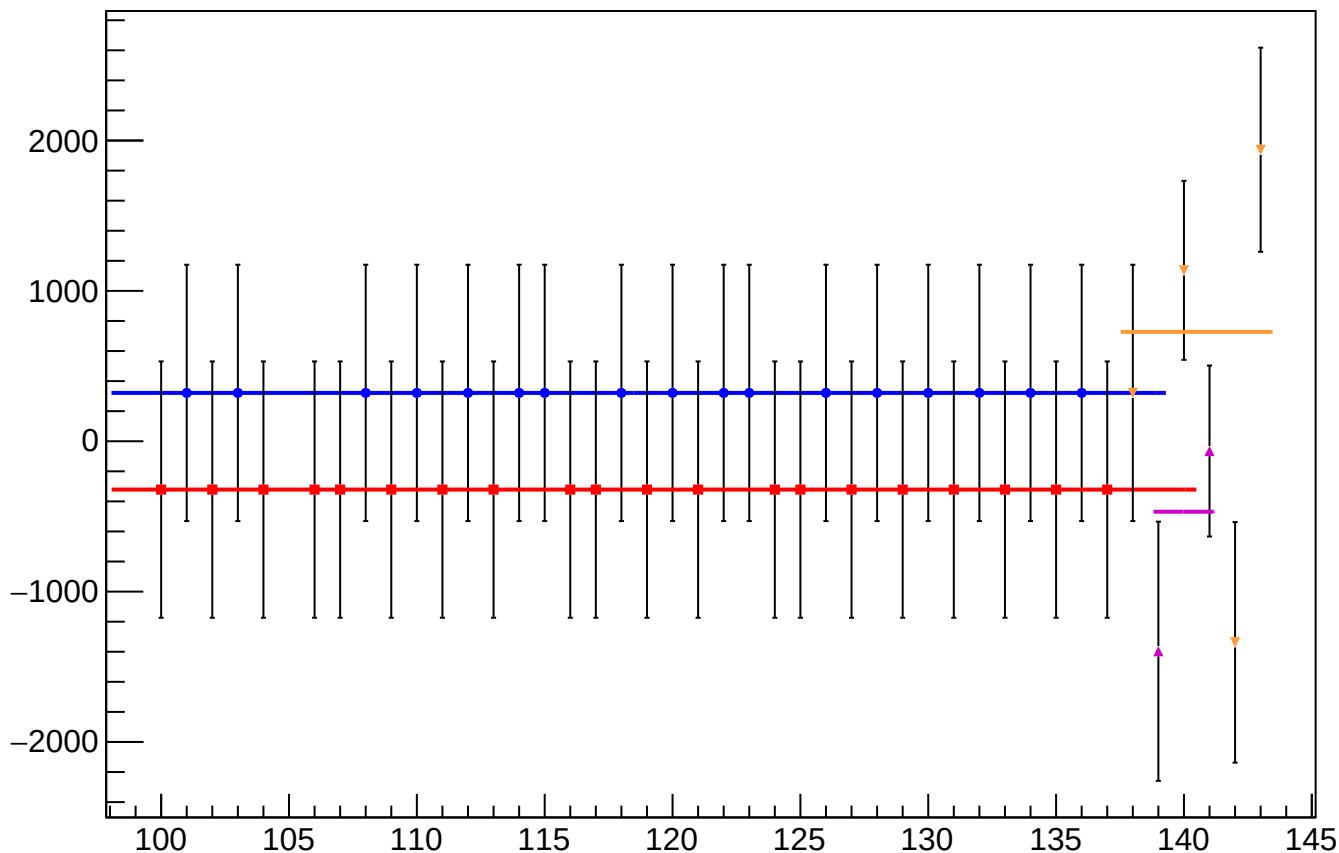
Left In: 590.584 $\pm$ 0.333 χ^2 /NDF:122340.9/1

697.634 $\pm$ 0.129 χ^2 /NDF: 509137.1/20

710.813 $\pm$ 0.091 χ^2 /NDF: 840397.2/42

723.846 $\pm$ 0.128 χ^2 /NDF: 310456.0/21

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 321.504 $\pm$ 206.752 χ^2 /NDF: 0.0/16

Left Out: 727.469 $\pm$ 355.044 χ^2 /NDF:10.5/3

Right Out: -321.504 $\pm$ 190.616 χ^2 /NDF: 0.0/19

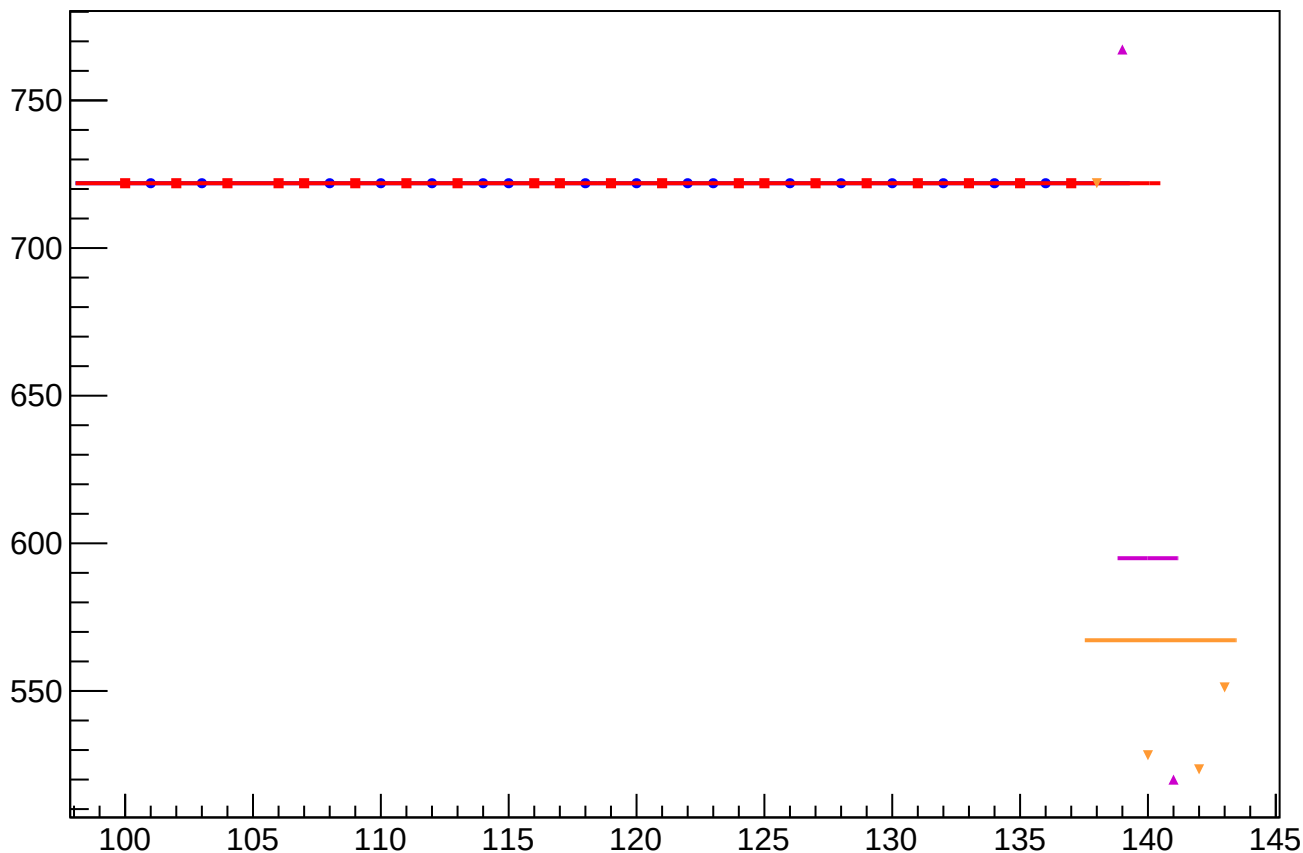
Left In: -468.671 $\pm$ 474.545 χ^2 /NDF:1.7/1

424.307 $\pm$ 178.666 χ^2 /NDF: 11.5/20

37.328 $\pm$ 125.699 χ^2 /NDF: 22.6/42

-341.950 $\pm$ 176.879 χ^2 /NDF: 1.7/21

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 721.950 $\pm$ 0.146 χ^2 /NDF: 0.0/16

Left Out: 567.178 $\pm$ 0.251 χ^2 /NDF: 81576.5/3

Right Out: 721.950 $\pm$ 0.135 χ^2 /NDF: 0.0/19

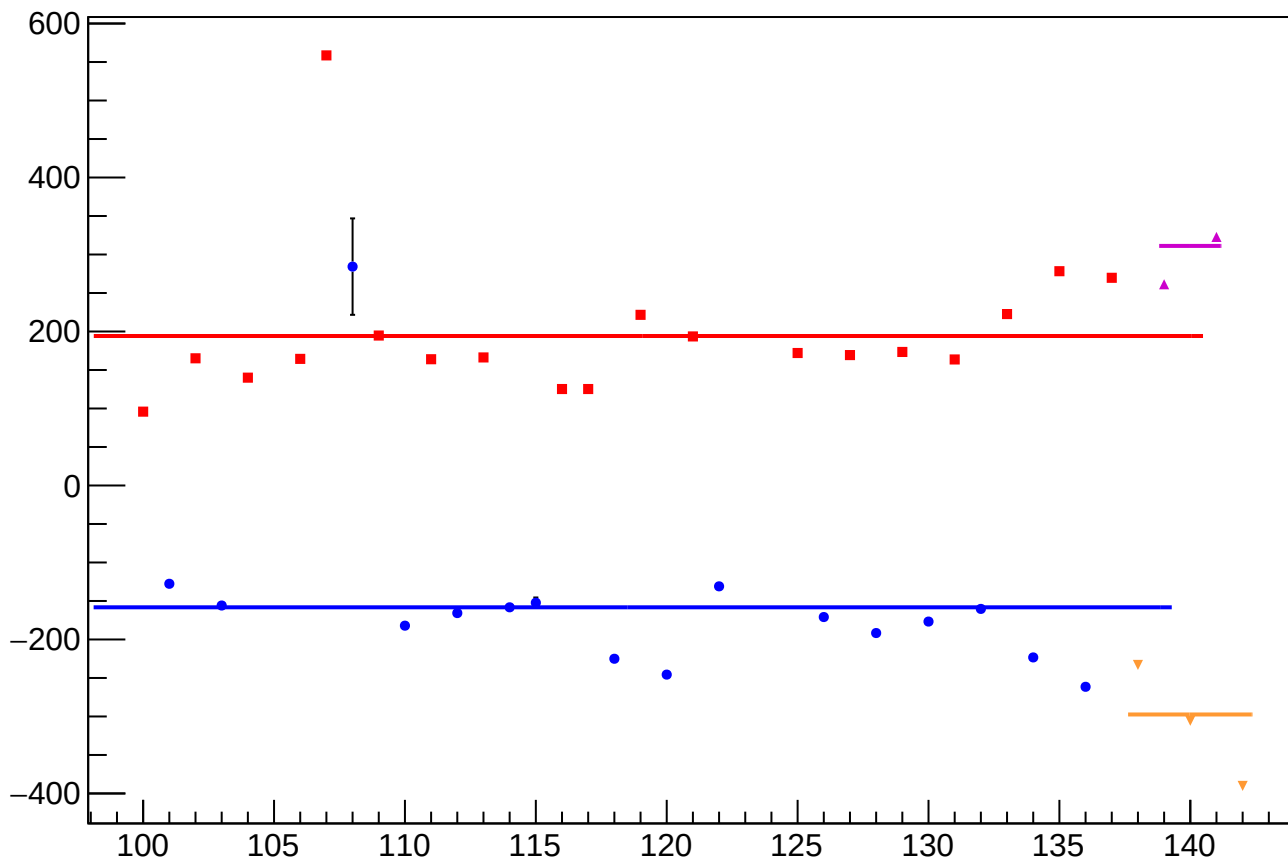
Left In: 594.963 $\pm$ 0.336 χ^2 /NDF: 114727.4/1

682.757 $\pm$ 0.126 χ^2 /NDF: 365389.1/20

693.640 $\pm$ 0.089 χ^2 /NDF: 618130.7/42

704.307 $\pm$ 0.125 χ^2 /NDF: 238046.3/21

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

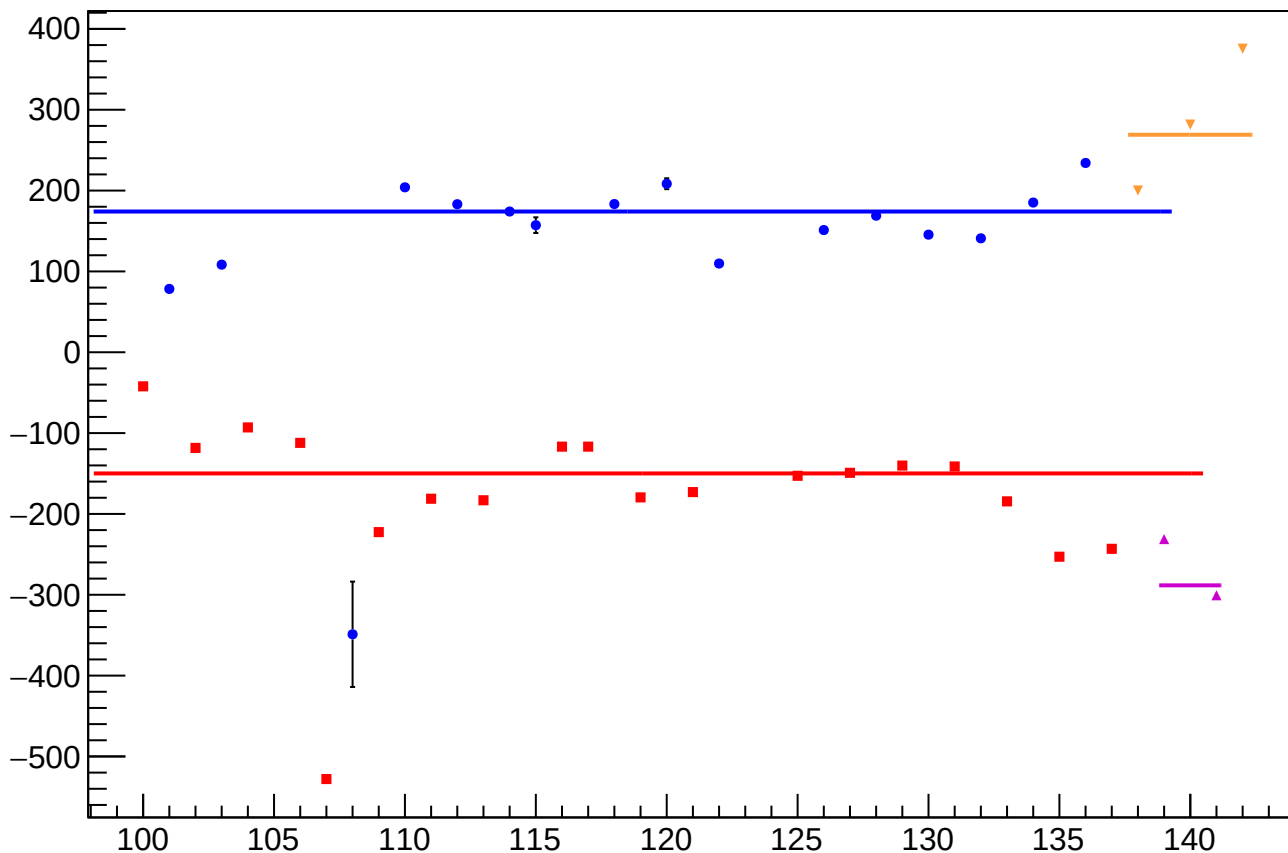
Left In: 311.157 $\pm$ 0.404 χ^2/NDF : 3559.9/1

-158.222 $\pm$ 0.000 χ^2/NDF : 223030.9/18

-158.222 $\pm$ 0.000 χ^2/NDF : 6313046.7/39

210.859 $\pm$ 0.153 χ^2/NDF : 252281.8/20

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 174.085 $\pm$ 0.000 χ^2/NDF : 53377.4/15

Left Out: 269.061 $\pm$ 0.486 χ^2/NDF : 14015.6/2

Right Out: -149.900 $\pm$ 0.195 χ^2/NDF : 167887.8/18

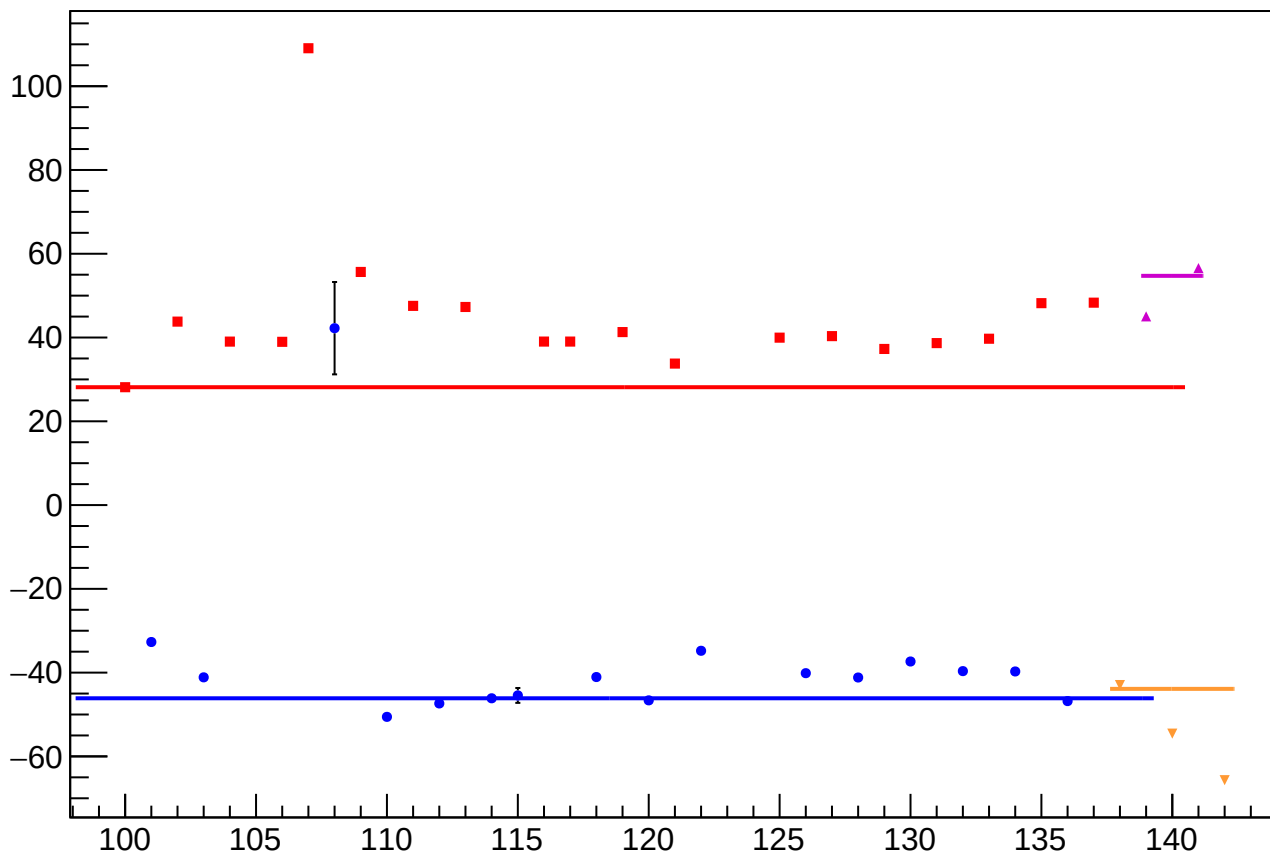
Left In: -288.356 $\pm$ 0.425 χ^2/NDF : 3873.5/1

174.085 $\pm$ 0.000 χ^2/NDF : 105645.2/18

174.085 $\pm$ 0.000 χ^2/NDF : 4207771.7/39

-174.014 $\pm$ 0.178 χ^2/NDF : 259206.1/20

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

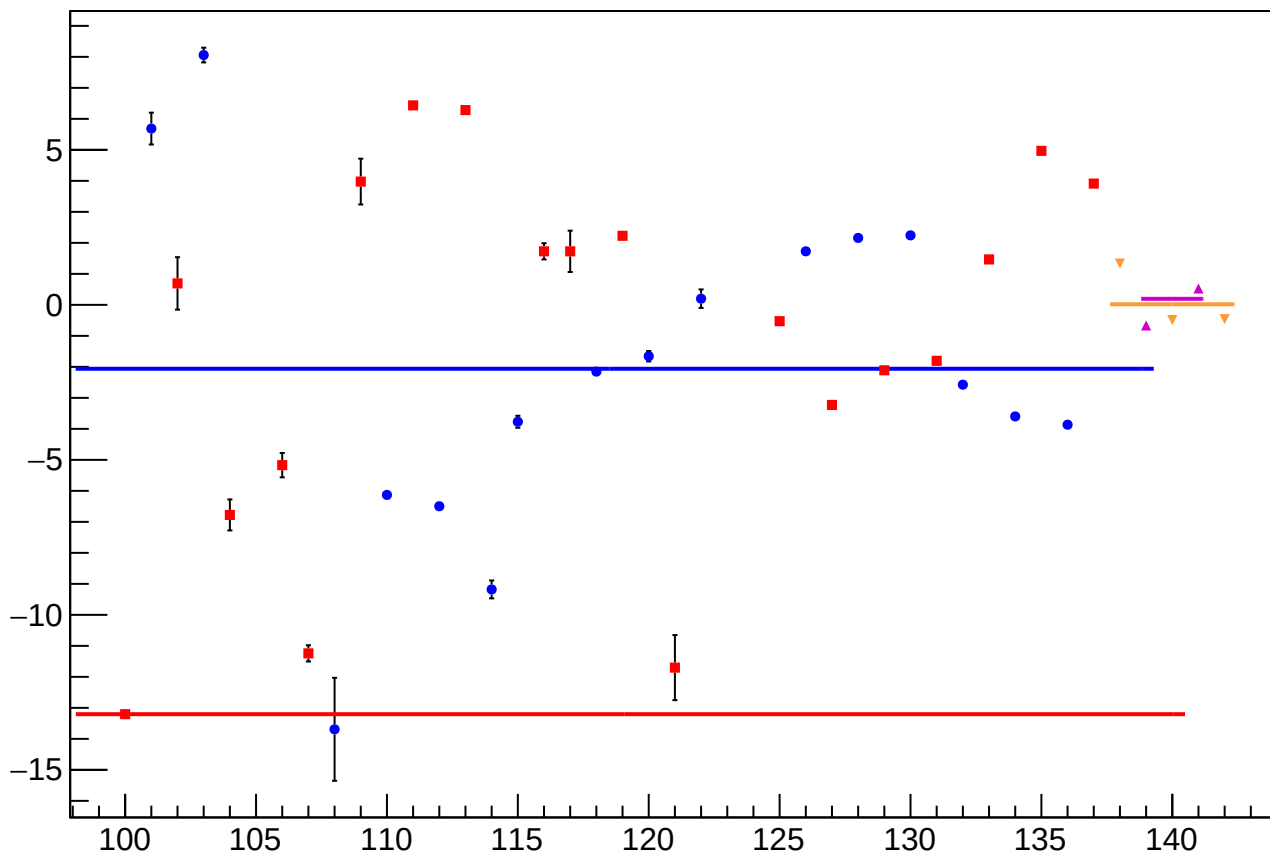
Left In: 54.726 $\pm$ 0.045 χ^2 /NDF: 8864.8/1

-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: 1105034.4/20

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.061+/-0.018 χ^2/NDF : 25665.1/15

Left Out: 0.018+/-0.026 χ^2/NDF : 980.8/2

Right Out: -13.204+/-0.000 χ^2/NDF : 510223.0/18

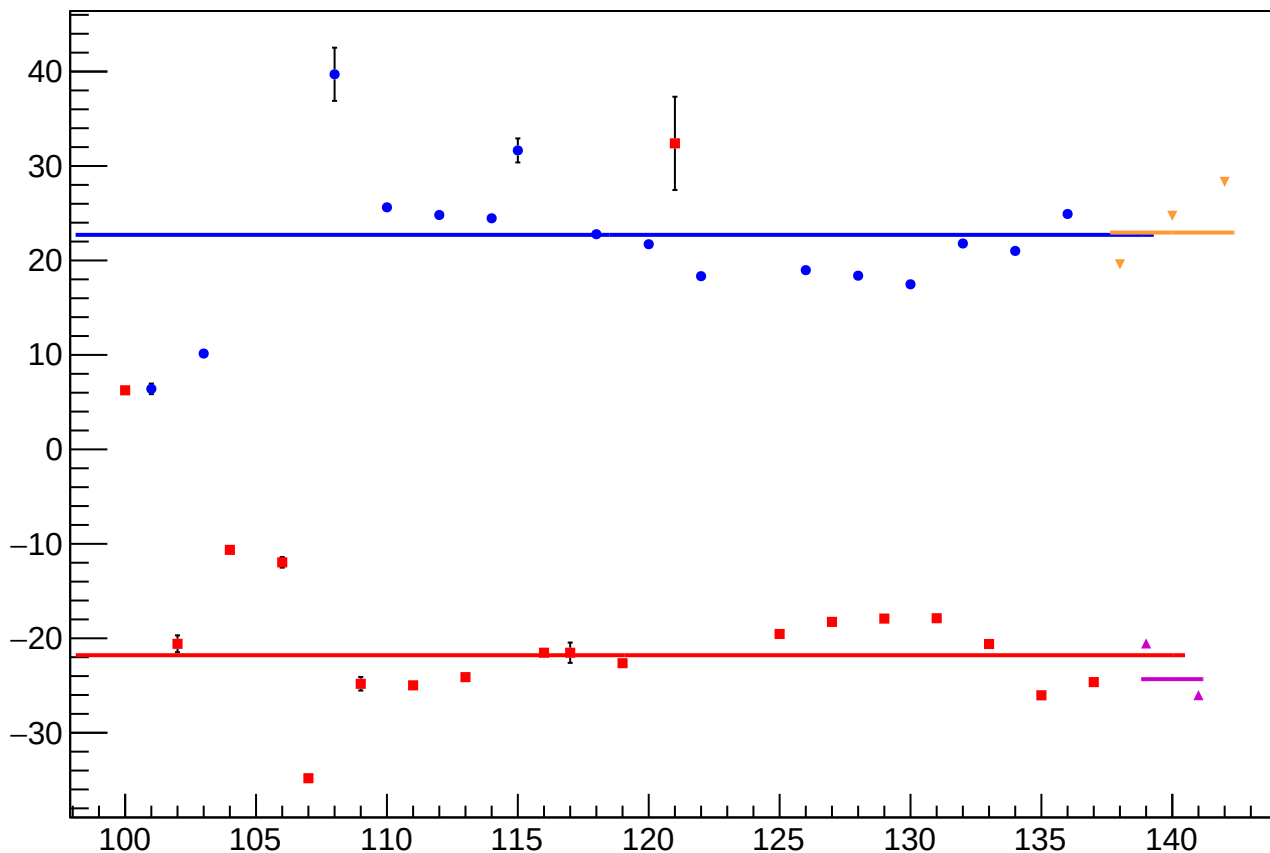
Left In: 0.195+/-0.024 χ^2/NDF : 514.1/1

-1.394+/-0.015 χ^2/NDF : 31009.1/18

-13.204+/-0.000 χ^2/NDF : 1510217.1/39

-13.204+/-0.000 χ^2/NDF : 833130.0/20

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

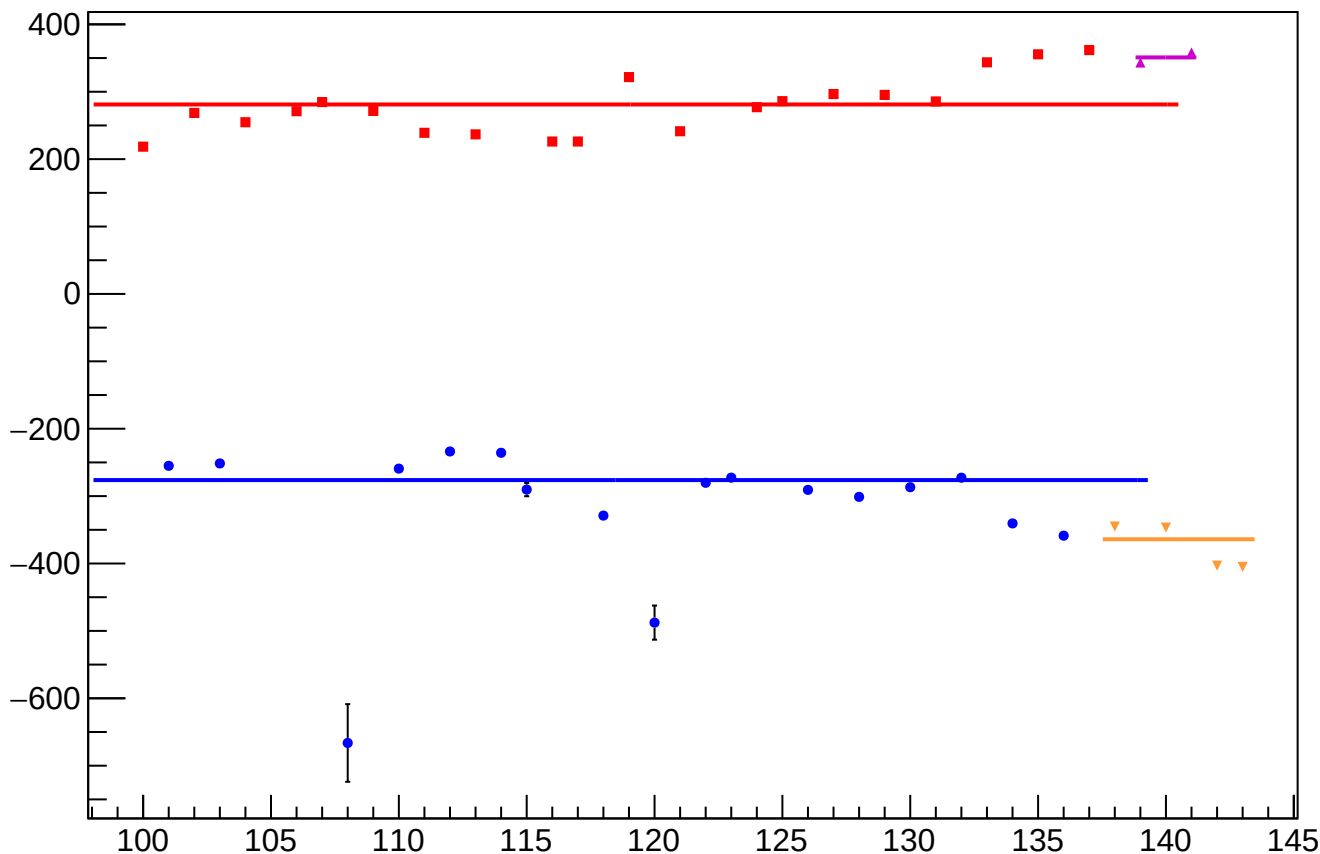
Left In: -24.323 ± 0.042 χ^2/NDF : 3675.4/1

22.745 ± 0.017 χ^2/NDF : 27081.3/18

2.369 ± 0.013 χ^2/NDF : 3101853.0/39

-22.321 ± 0.019 χ^2/NDF : 33252.3/20

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

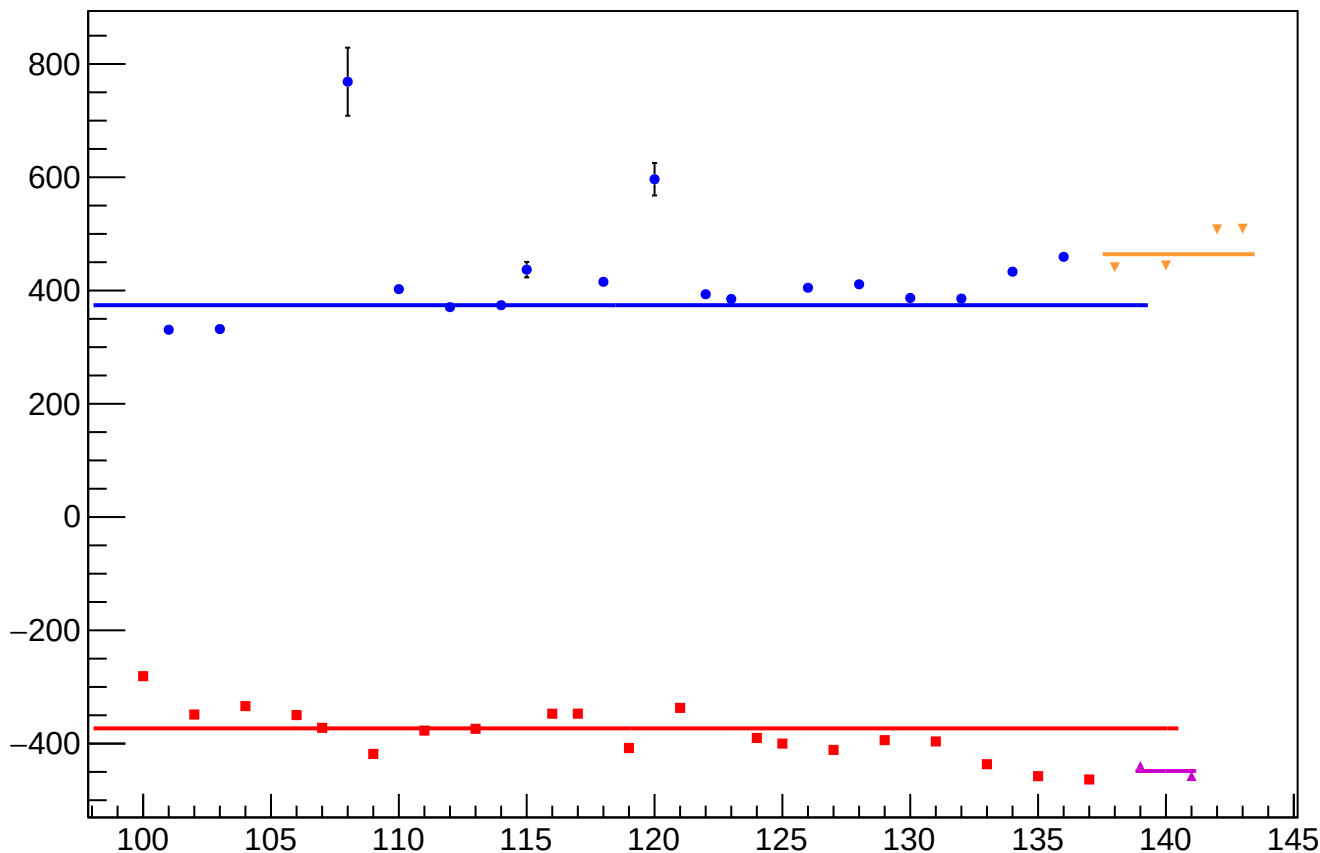
Left In: 350.935+/-0.269 χ^2/NDF : 768.2/1

-297.067+/-0.145 χ^2/NDF : 132325.0/20

34.880+/-0.097 χ^2/NDF : 9591153.6/42

297.278+/-0.129 χ^2/NDF : 130375.2/21

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

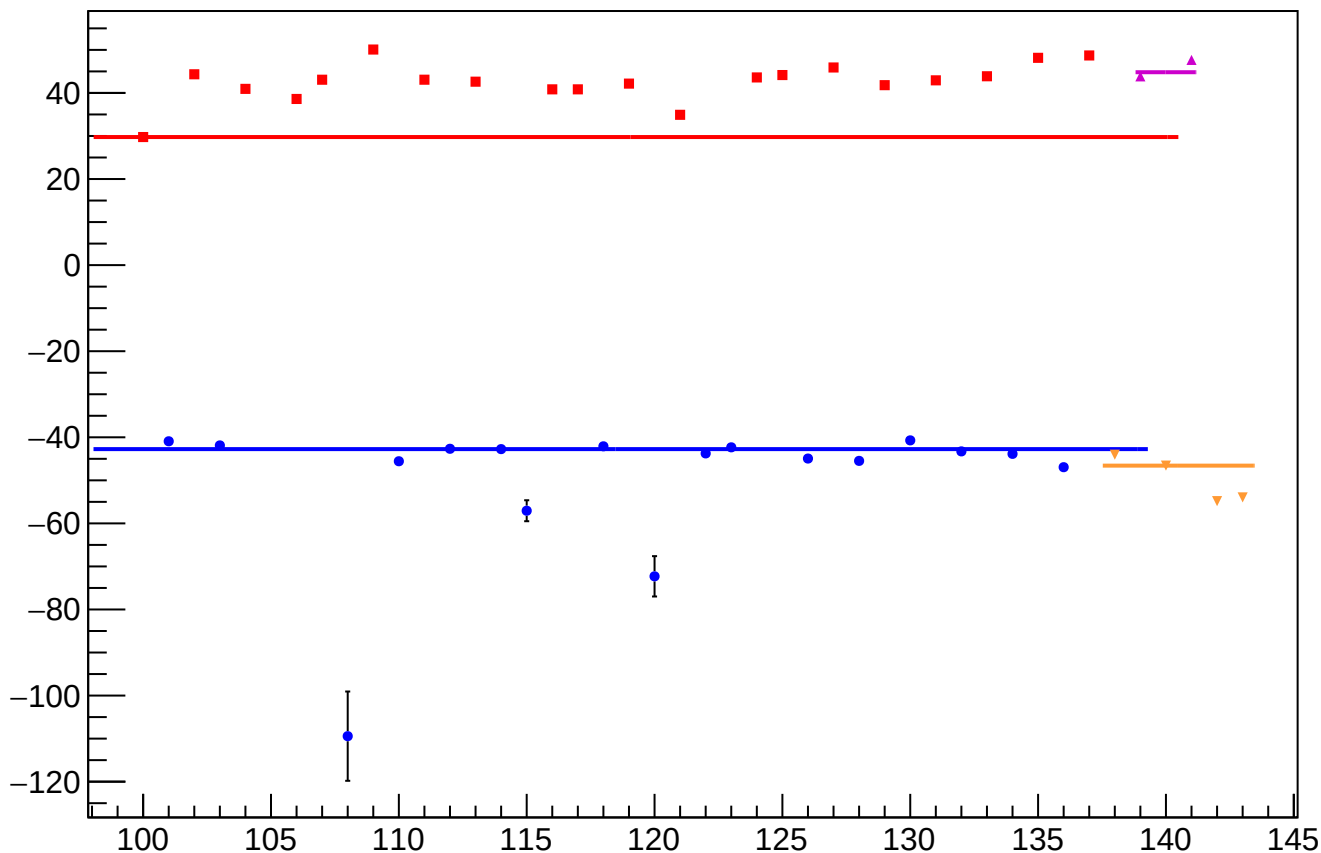
Left In: -448.404+/-0.279 χ^2/NDF : 979.5/1

374.094+/-0.000 χ^2/NDF : 124085.7/20

374.094+/-0.000 χ^2/NDF : 31303970.3/42

-391.366+/-0.137 χ^2/NDF : 164300.1/21

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744+/-0.000 χ^2/NDF : 13262.6/16

Left Out: -46.582+/-0.020 χ^2/NDF : 40324.4/3

Right Out: 29.754+/-0.000 χ^2/NDF : 484074.9/19

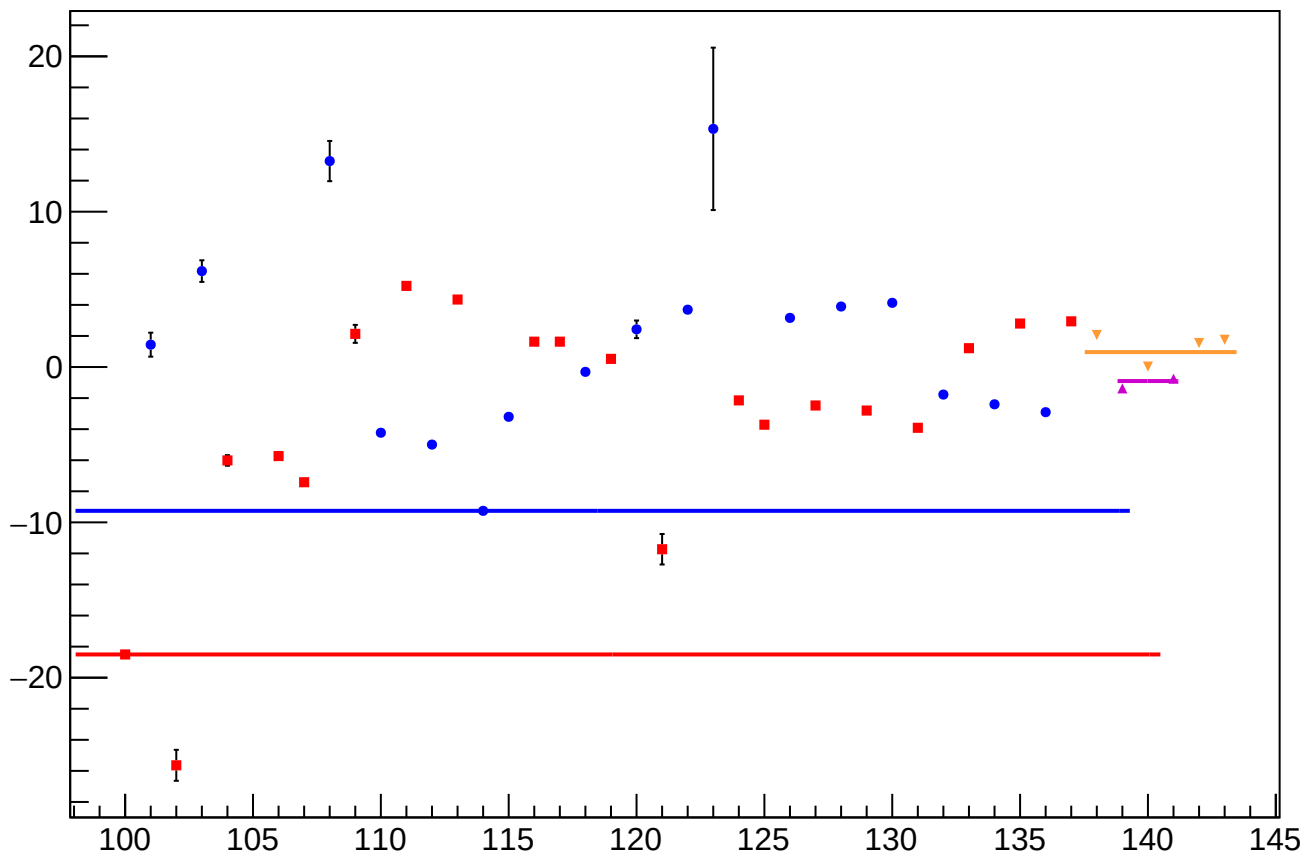
Left In: 44.813+/-0.022 χ^2/NDF : 5614.3/1

-42.744+/-0.000 χ^2/NDF : 89255.0/20

-17.157+/-0.000 χ^2/NDF : 404170008922

29.754+/-0.000 χ^2/NDF : 951542.2/21

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

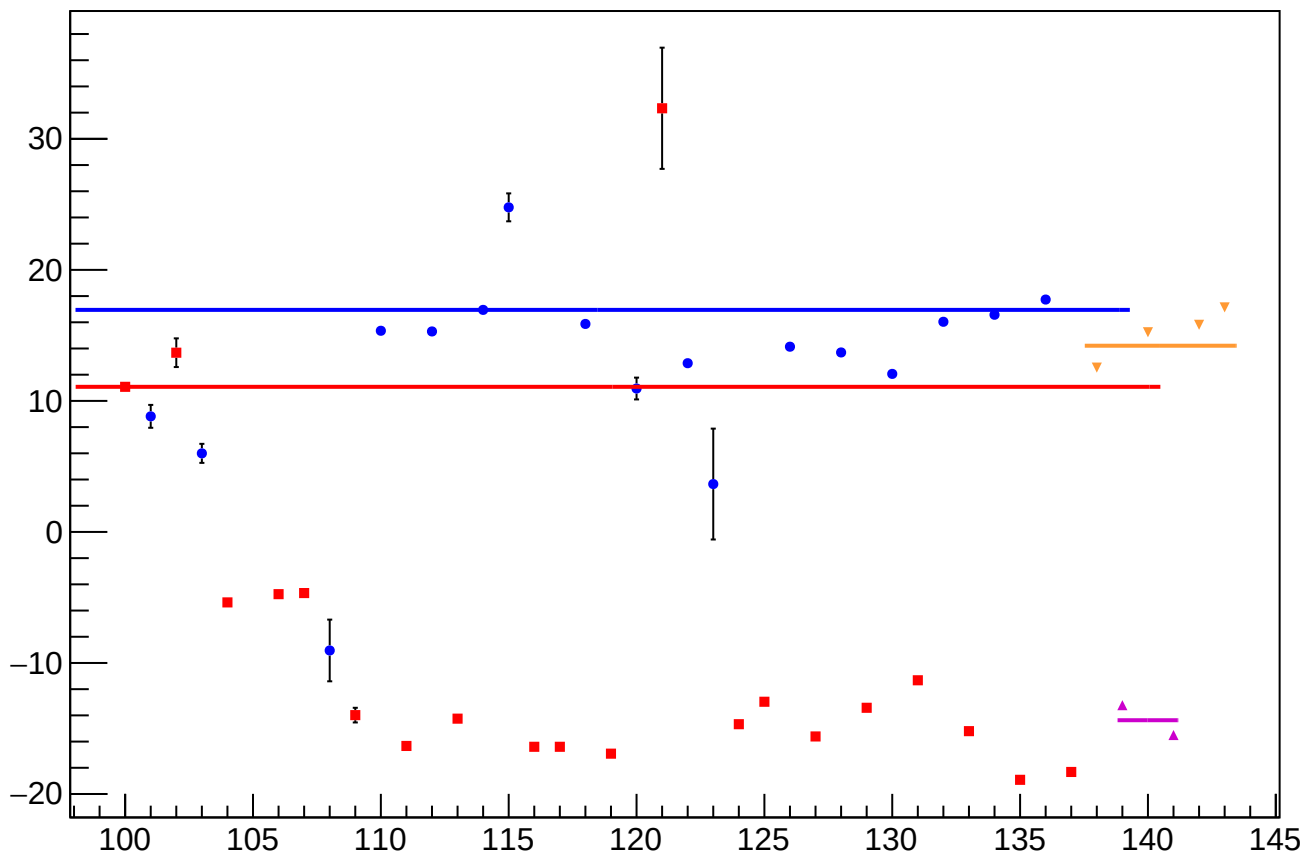
Left In: -0.903+/-0.021 χ^2/NDF : 157.1/1

-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 : 8264606.9/21

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

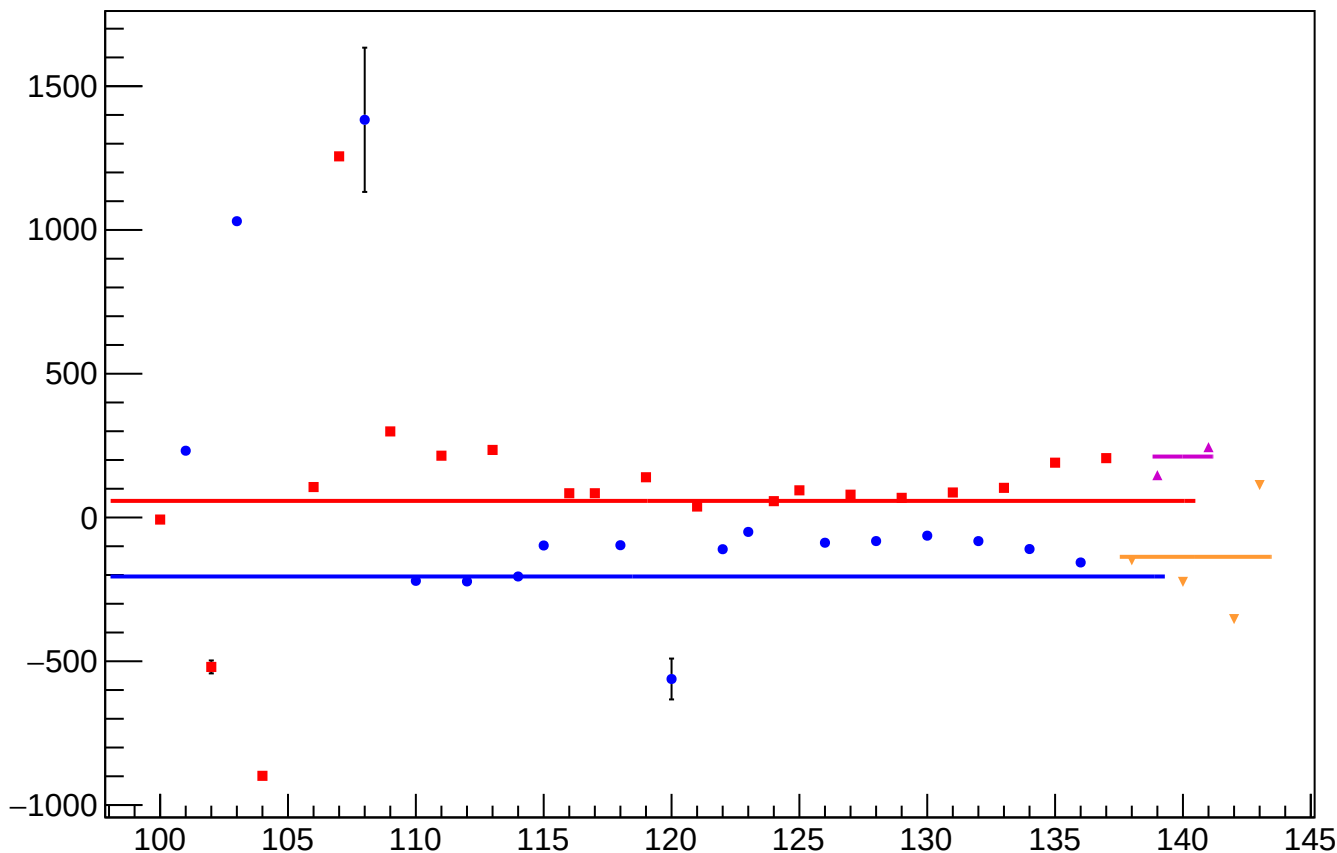
Left In: -14.370 $\pm$ 0.030 χ^2/NDF : 1394.8/1

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 : 3557180.2/21

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

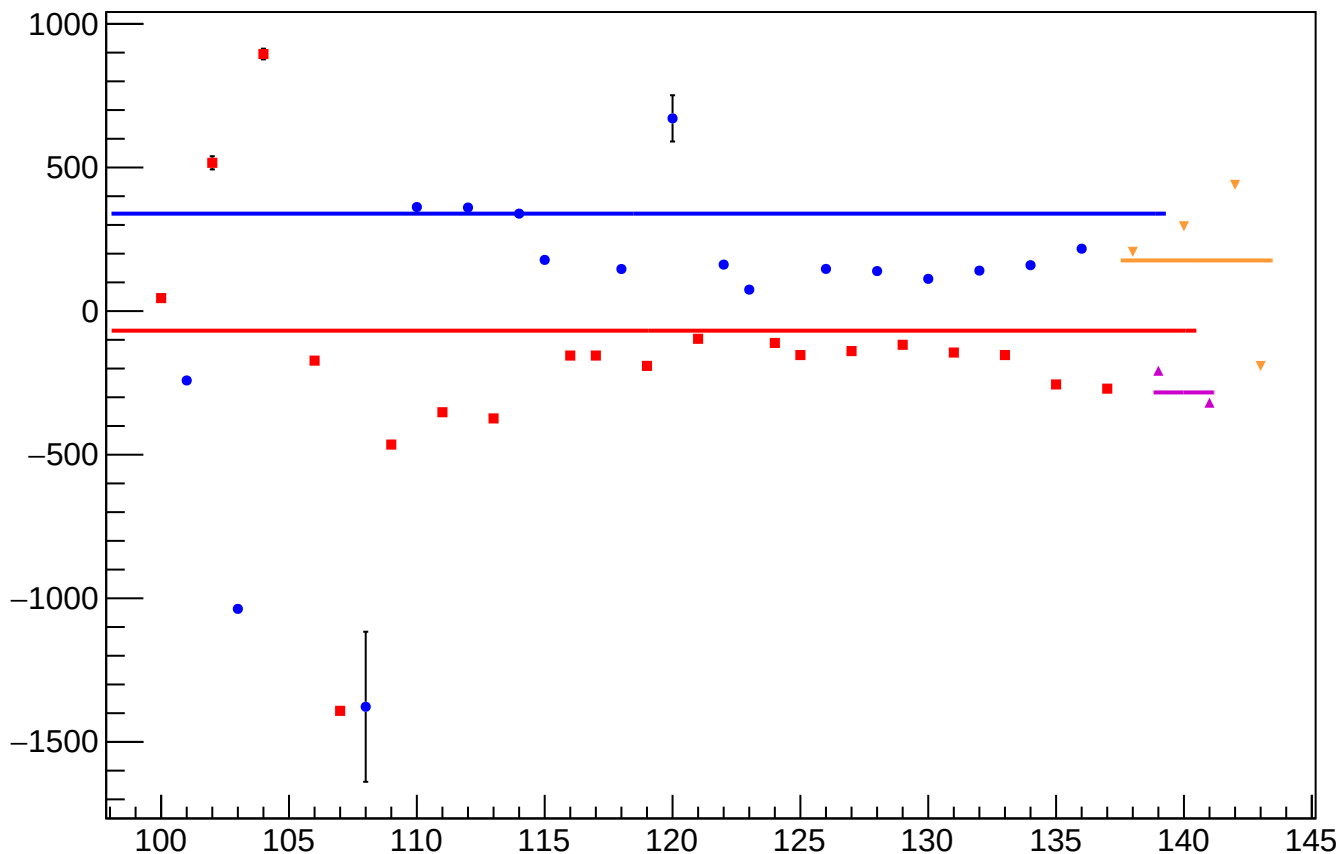
Left In: 211.934+/-0.904 χ^2/NDF : 2589.9/1

-205.160+/-0.000 χ^2/NDF : 635577.7/20

-205.160+/-0.000 χ^2/NDF : 1828572.3/42

71.512+/-0.270 χ^2/NDF : 143972.2/21

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 $\chi^2/\text{NDF}: 272433.9/19$

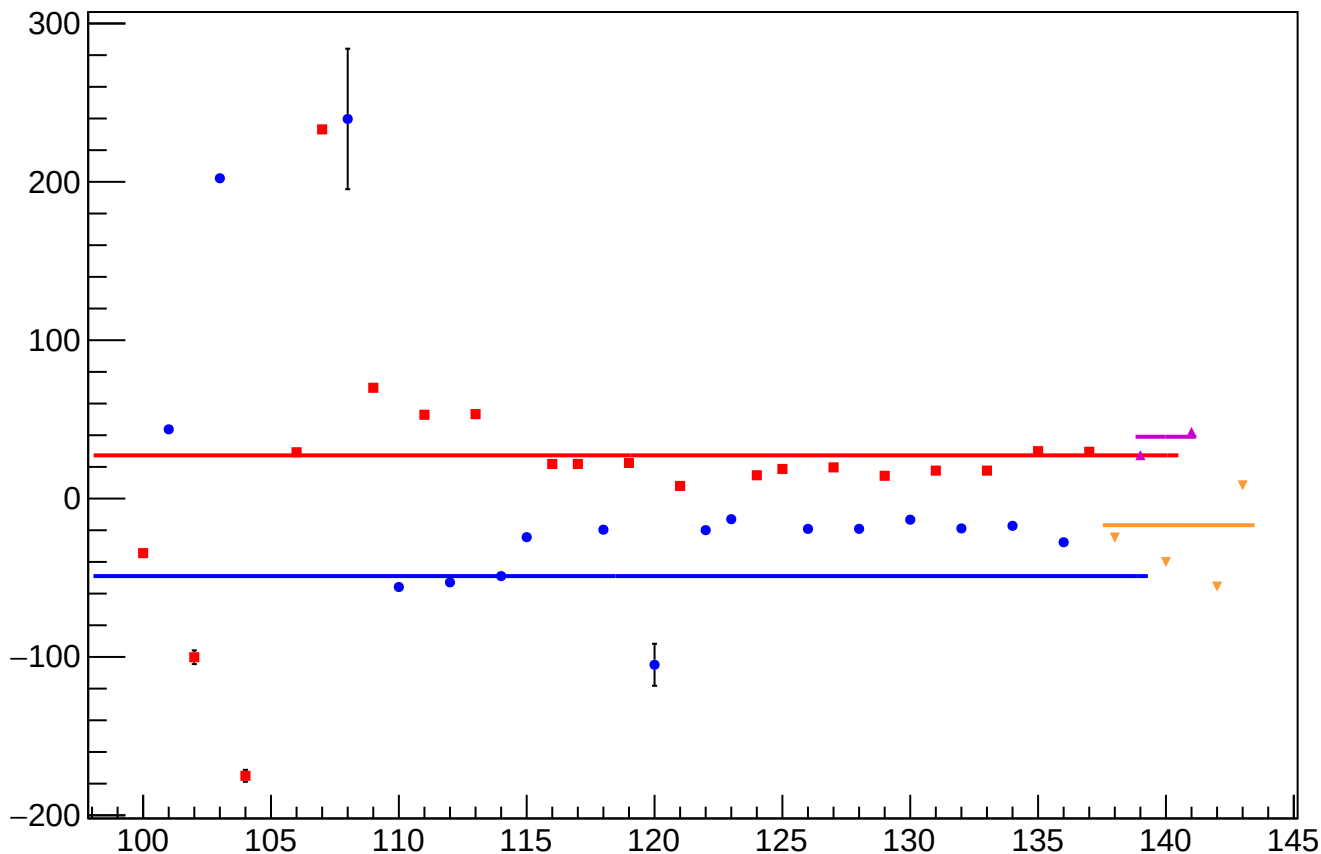
Left In: -283.200 ± 0.946 $\chi^2/\text{NDF}: 3009.3/1$

339.325 ± 0.000 $\chi^2/\text{NDF}: 1185625.1/20$

339.325 ± 0.000 $\chi^2/\text{NDF}: 3924835.5/42$

-86.124 ± 0.274 $\chi^2/\text{NDF}: 322807.7/21$

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 $\chi^2/\text{NDF}: 167901.6/19$

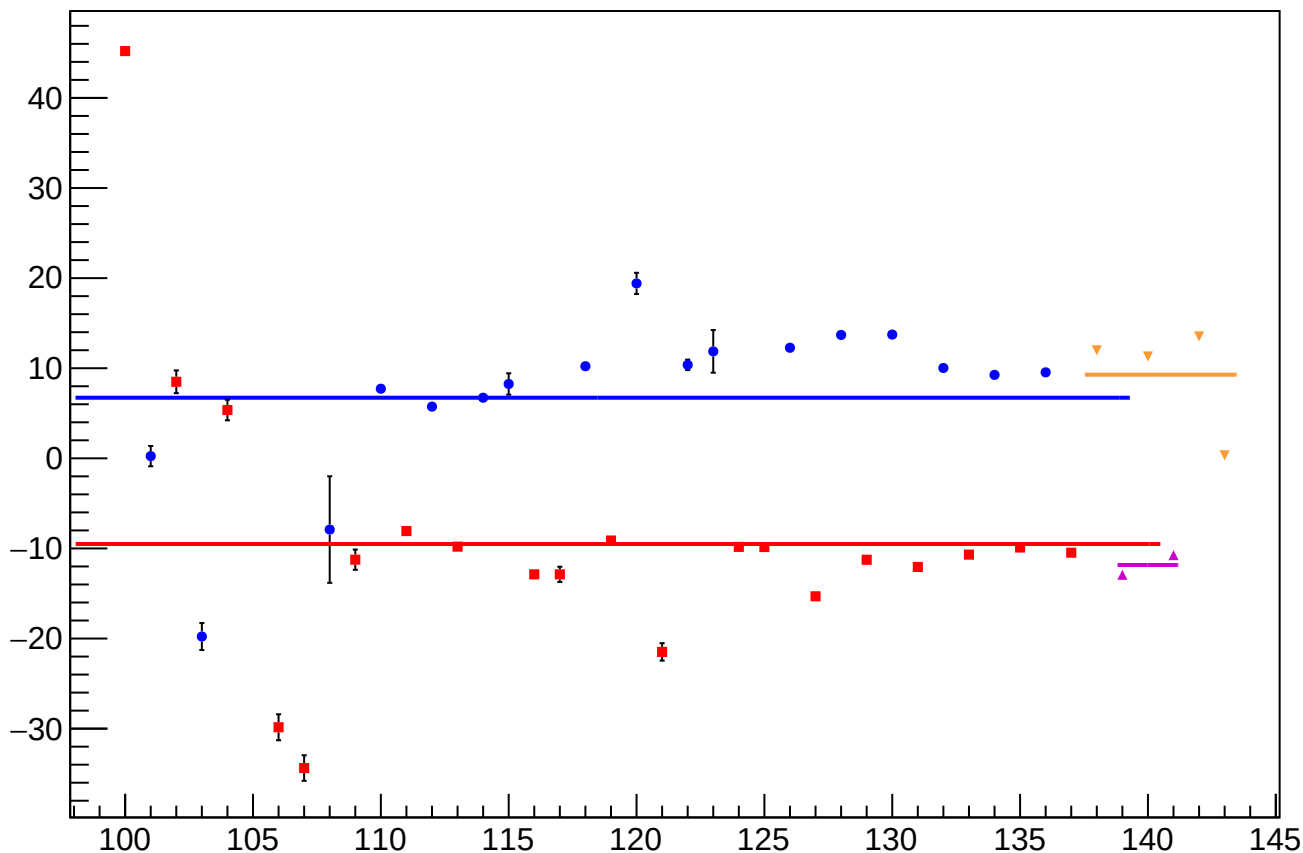
Left In: 39.039 ± 0.066 $\chi^2/\text{NDF}: 8160.0/1$

-48.945 ± 0.000 $\chi^2/\text{NDF}: 8260706.1/20$

-48.945 ± 0.000 $\chi^2/\text{NDF}: 12381147.7/42$

31.735 ± 0.041 $\chi^2/\text{NDF}: 195626.8/21$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 6.728 $\pm$ 0.000 χ^2/NDF : 13749.2/16

Left Out: 9.282 $\pm$ 0.037 χ^2/NDF : 19978.9/3

Right Out: -9.508 $\pm$ 0.036 χ^2/NDF : 26838.0/19

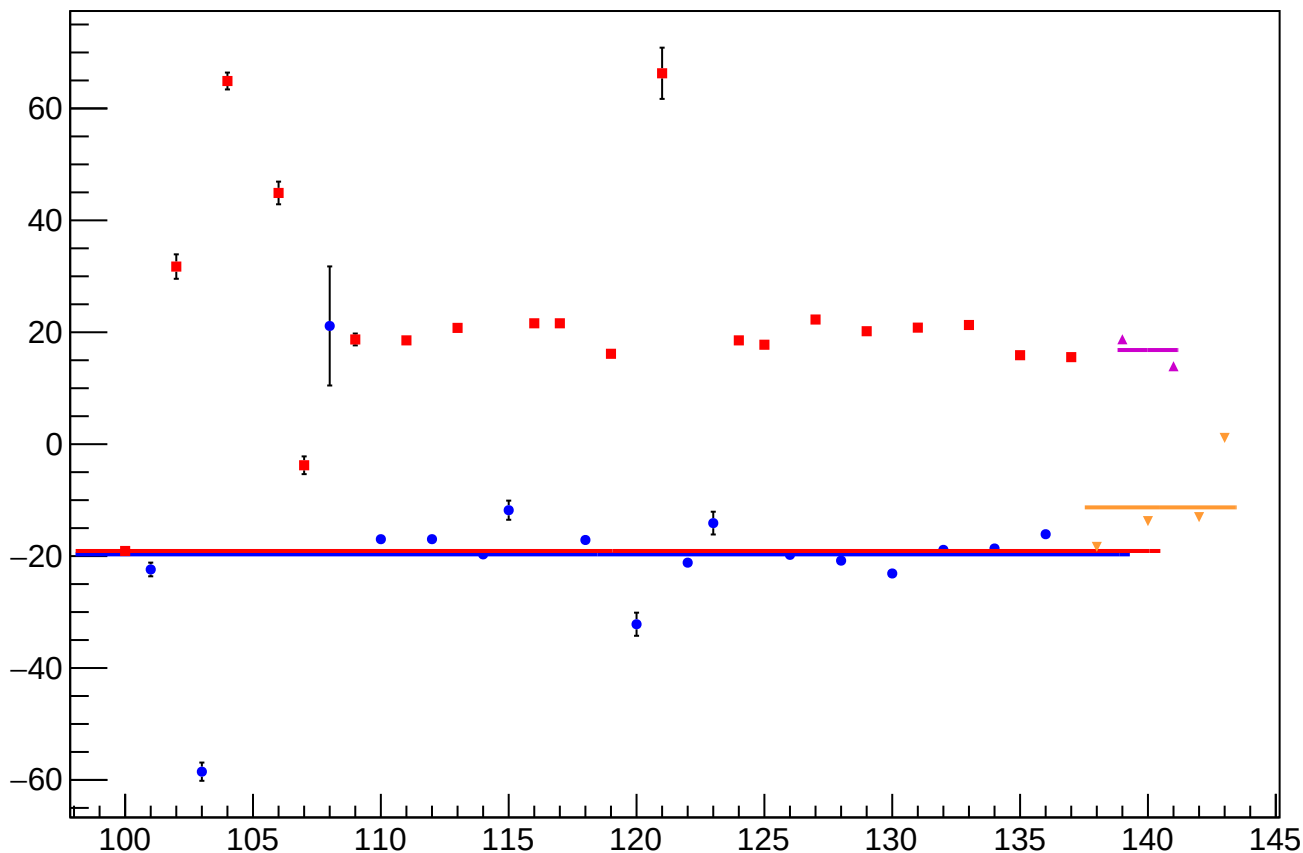
Left In: -11.836 $\pm$ 0.057 χ^2/NDF : 362.6/1

6.728 $\pm$ 0.000 χ^2/NDF : 38550.9/20

6.728 $\pm$ 0.000 χ^2/NDF : 379178.8/42

-10.157 $\pm$ 0.030 χ^2/NDF : 28394.7/21

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

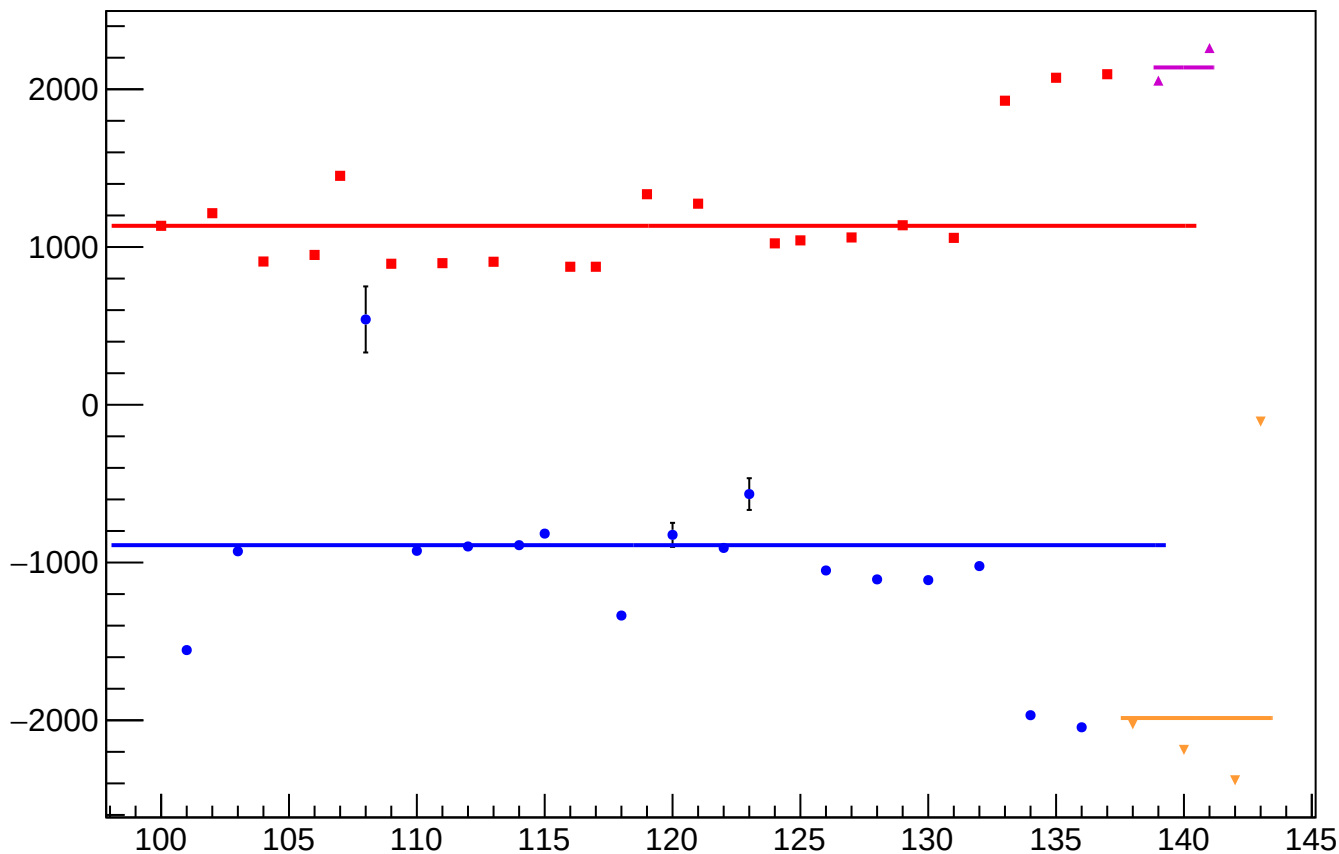
Left In: 16.827+/-0.081 χ^2/NDF : 841.0/1

-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 : 809936.4/21

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 $\chi^2/\text{NDF}: 735976.1/19$

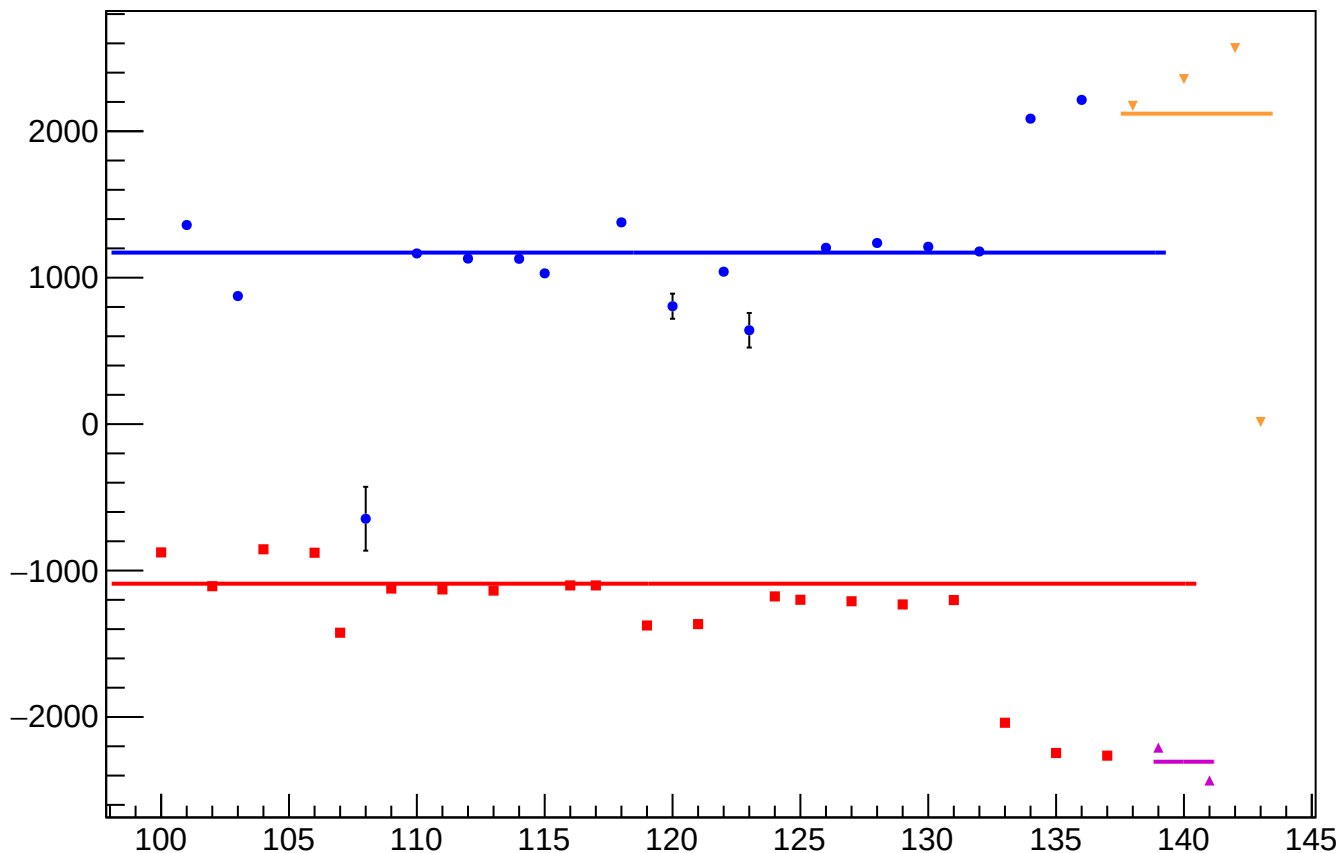
Left In: 2138.353 ± 1.385 $\chi^2/\text{NDF}: 5357.3/1$

-889.928 ± 0.000 $\chi^2/\text{NDF}: 1806001.9/20$

-175.452 ± 0.000 $\chi^2/\text{NDF}: 30774122941$

1134.421 ± 0.000 $\chi^2/\text{NDF}: 1266539.4/21$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2119.929 $\pm$ 1.264 χ^2 /NDF: 289384.7/3

Right Out: -1089.717 $\pm$ 0.253 χ^2 /NDF: 1100324.0/19

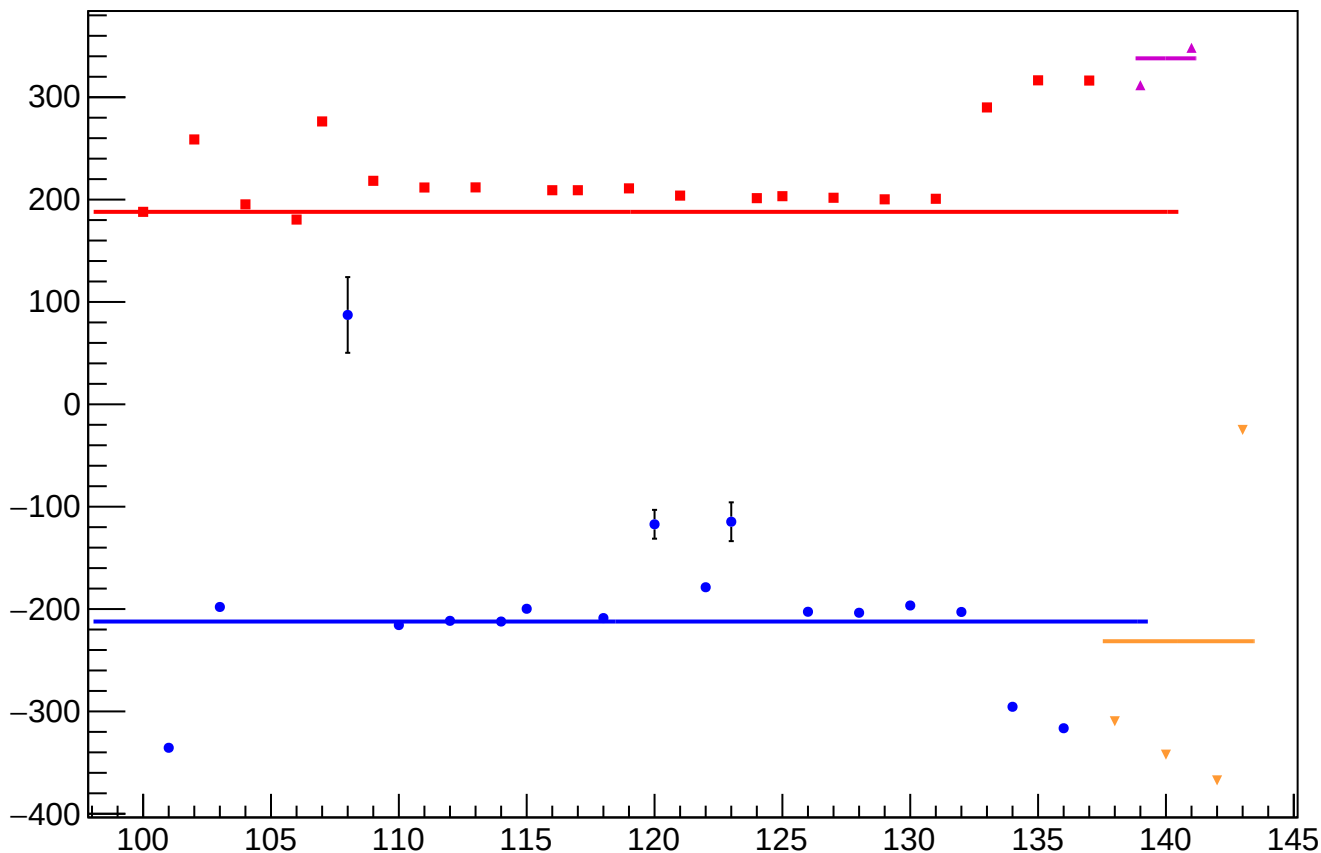
Left In: -2305.395 $\pm$ 1.452 χ^2 /NDF: 5841.5/1

1205.651 $\pm$ 0.241 χ^2 /NDF: 1341434.8/20

81.207 $\pm$ 0.173 χ^2 /NDF: 48307281.3/42

-1125.607 $\pm$ 0.250 χ^2 /NDF: 1786133.9/21

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -231.429 ± 0.060 $\chi^2/\text{NDF}: 4887561.6/3$

Right Out: 188.033 ± 0.000 $\chi^2/\text{NDF}: 602532.6/19$

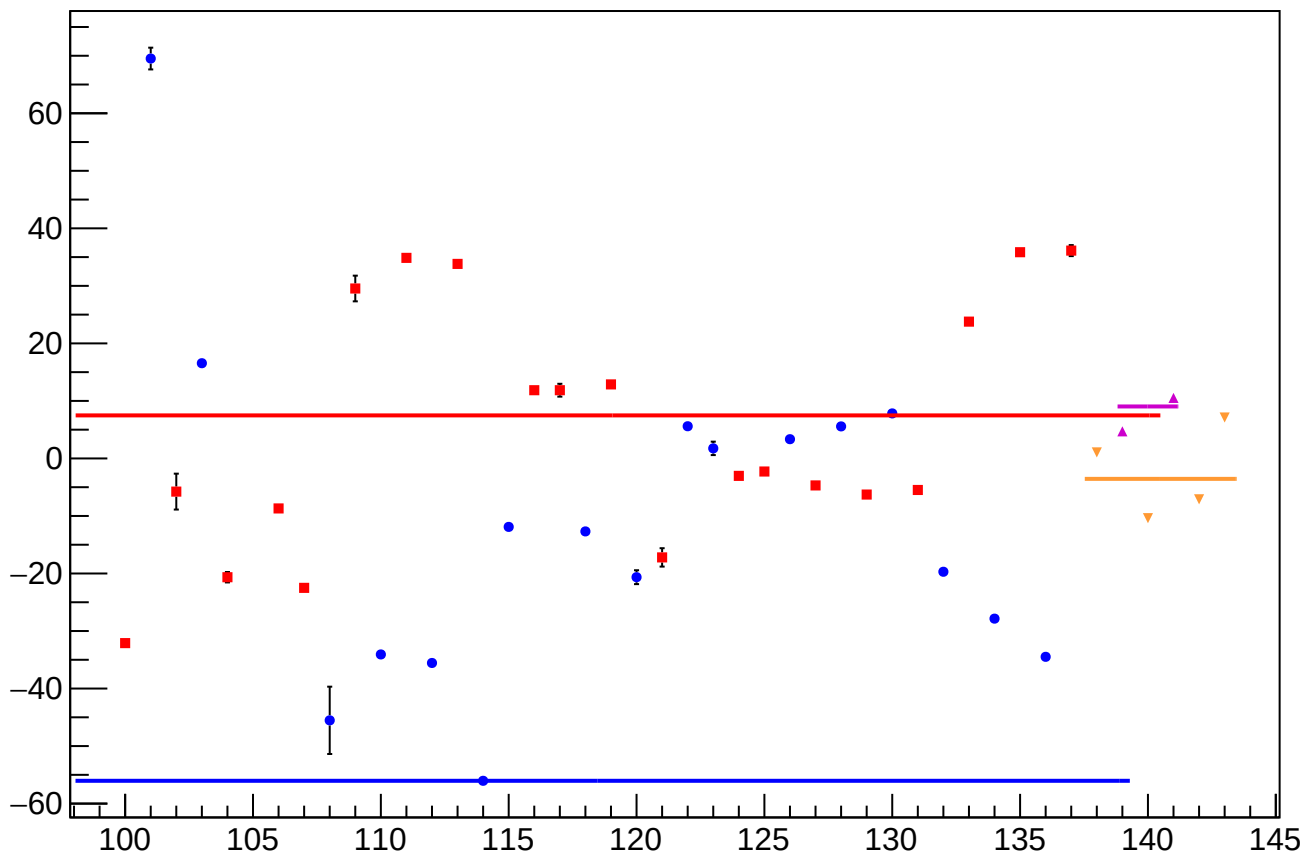
Left In: 337.999 ± 0.103 $\chi^2/\text{NDF}: 25344.3/1$

-212.190 ± 0.000 $\chi^2/\text{NDF}: 6140587.0/20$

62.249 ± 0.000 $\chi^2/\text{NDF}: 3739212703286$

188.033 ± 0.000 $\chi^2/\text{NDF}: 2736325.1/21$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -56.037+/-0.000 χ^2/NDF : 1585420.7/16

Left Out: -3.550+/-0.093 χ^2/NDF : 7135.8/3

Right Out: 7.483+/-0.042 χ^2/NDF : 173909.3/19

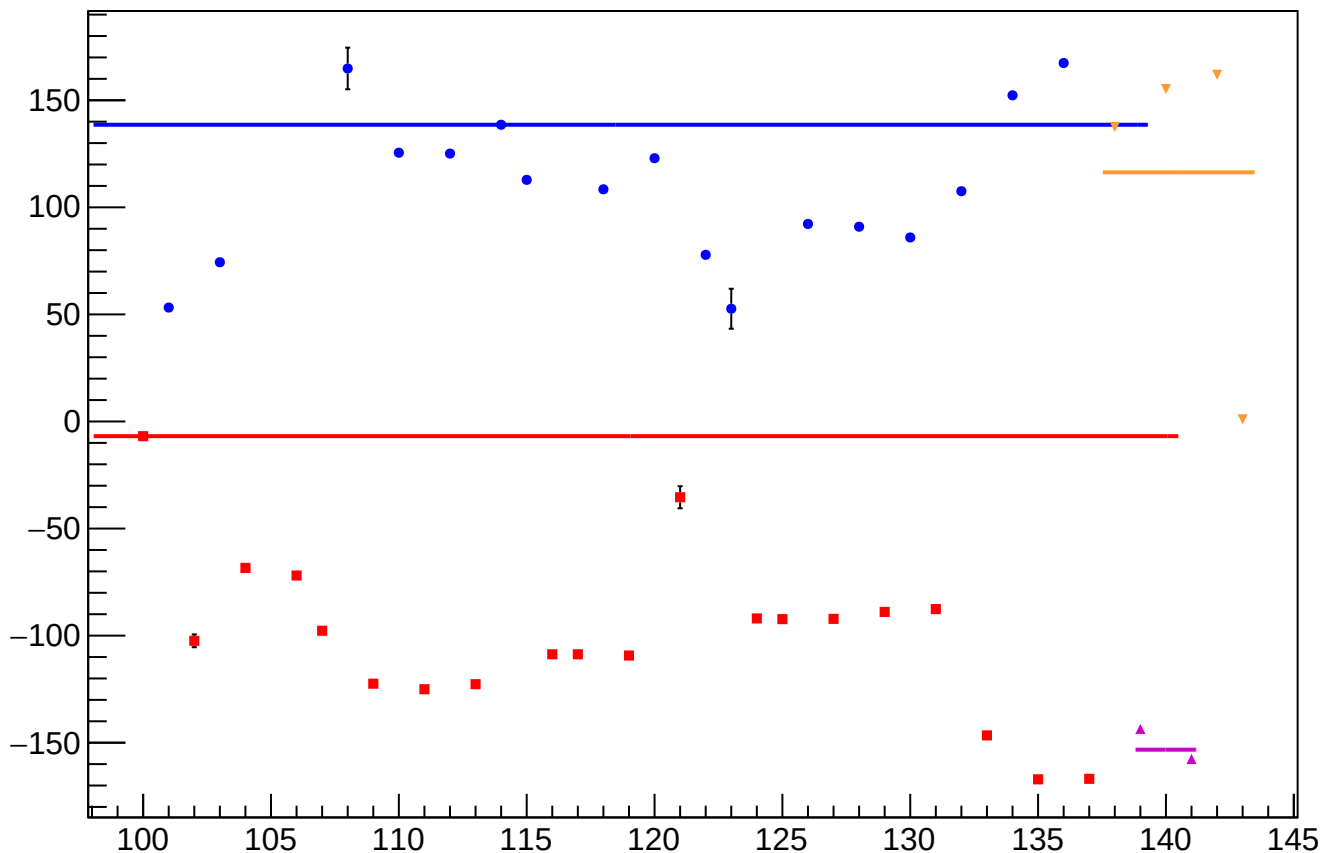
Left In: 9.036+/-0.082 χ^2/NDF : 967.6/1

-56.037+/-0.000 χ^2/NDF : 1907892.4/20

-56.037+/-0.000 χ^2/NDF : 4991328.6/42

7.810+/-0.037 χ^2/NDF : 175163.4/21

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

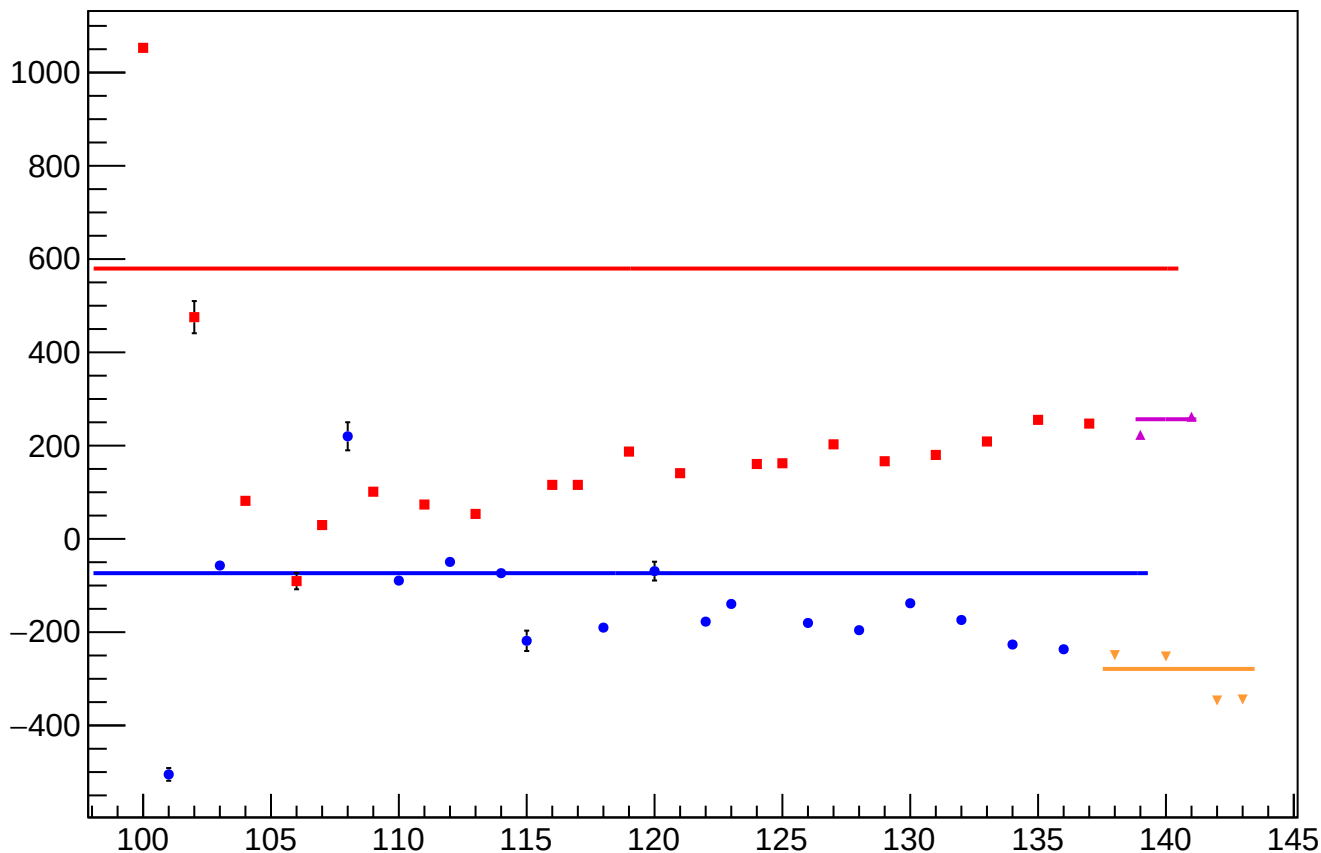
Left In: -153.255 +/- 0.098 χ^2/NDF : 4404.1/1

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 : 10297051.7/21

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -73.485 ± 0.000 $\chi^2/\text{NDF}: 98703.2/16$

Left Out: -278.819 ± 0.494 $\chi^2/\text{NDF}: 7681.7/3$

Right Out: 579.681 ± 0.261 $\chi^2/\text{NDF}: 3035573.4/19$

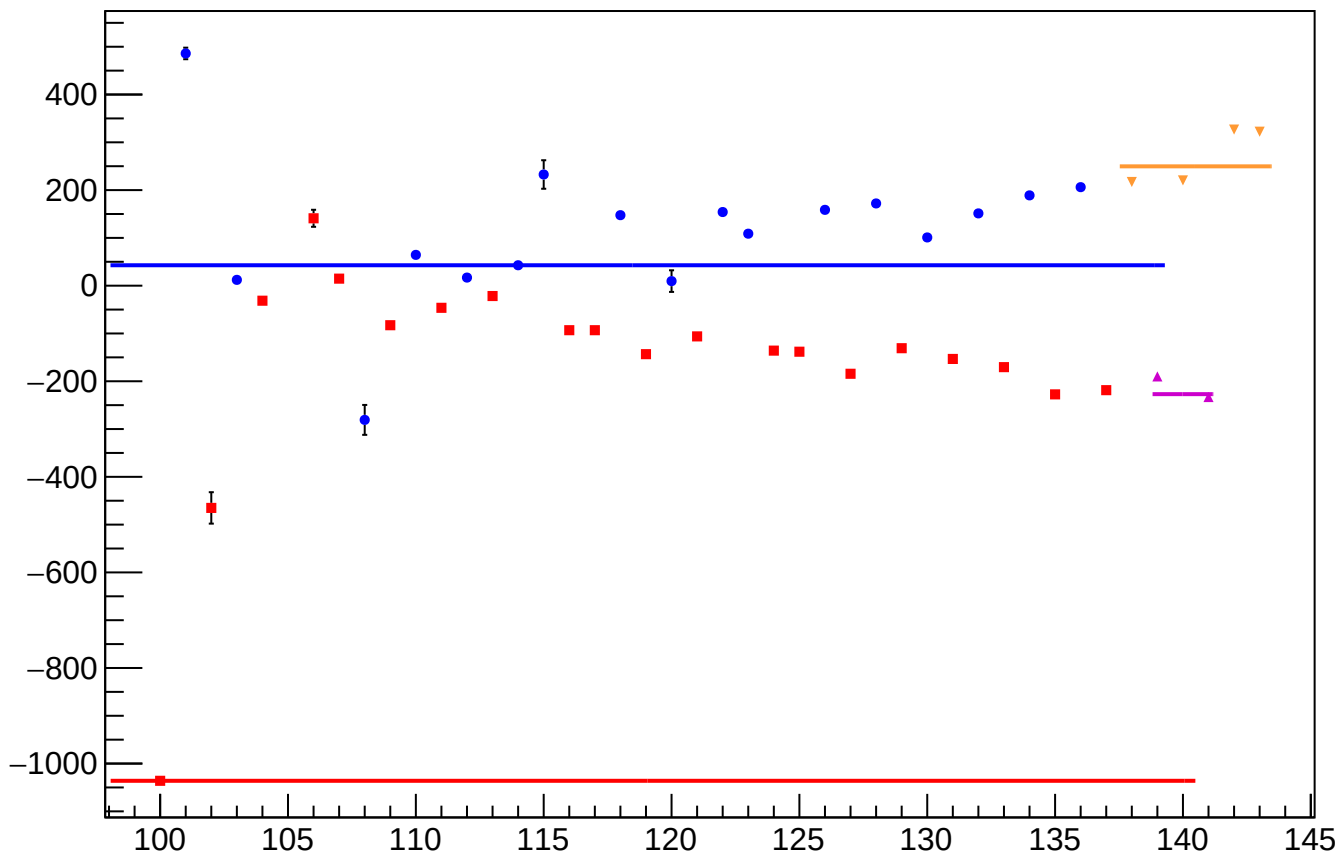
Left In: 256.582 ± 0.658 $\chi^2/\text{NDF}: 414.9/1$

-73.485 ± 0.000 $\chi^2/\text{NDF}: 279412.9/20$

-73.485 ± 0.000 $\chi^2/\text{NDF}: 9840690.8/42$

535.785 ± 0.242 $\chi^2/\text{NDF}: 3244540.2/21$

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

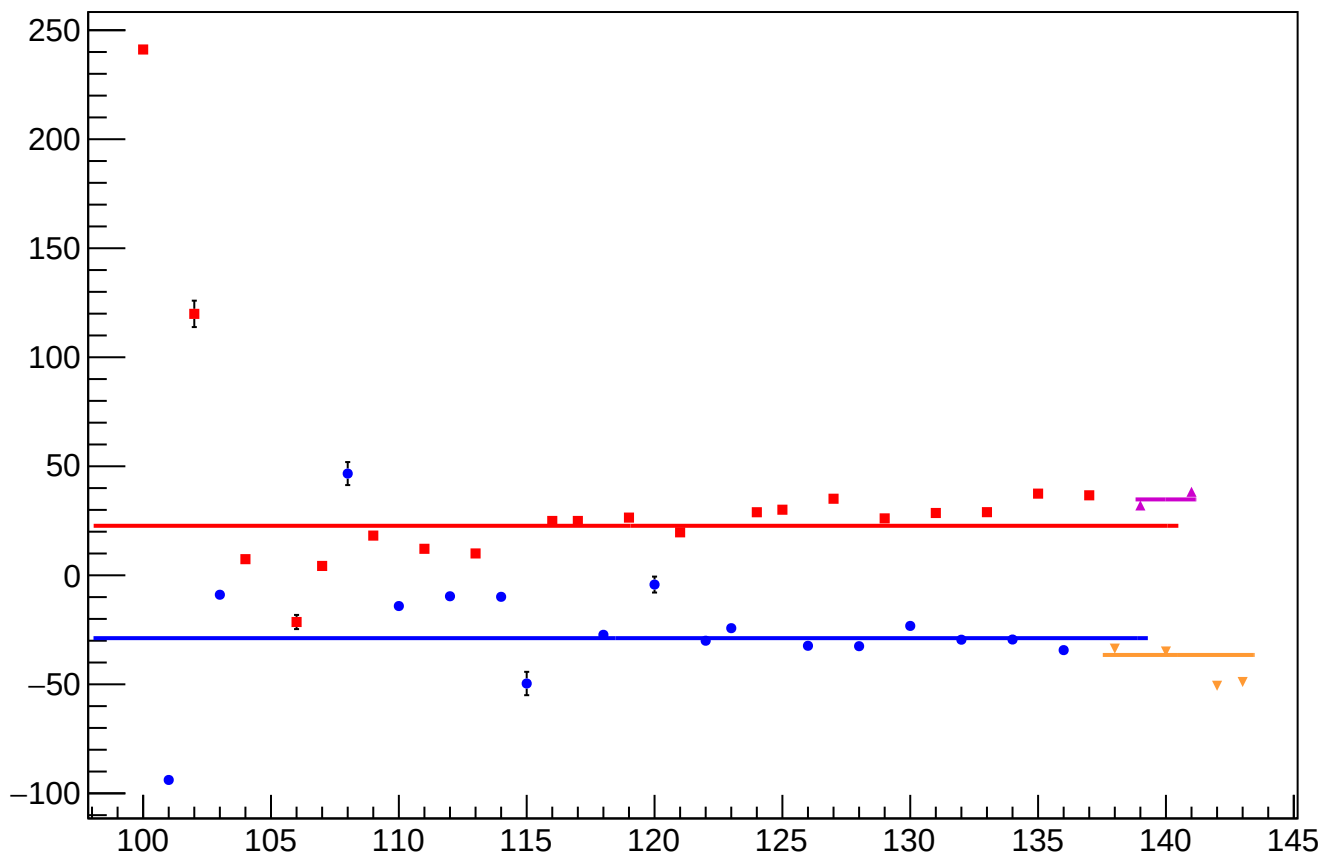
Left In: -226.965+/-0.680 χ^2/NDF : 485.5/1

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 : 6361167.3/21

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -36.529 ± 0.032 χ^2/NDF : 34015.6/3

Right Out: 22.709 ± 0.038 χ^2/NDF : 410178.0/19

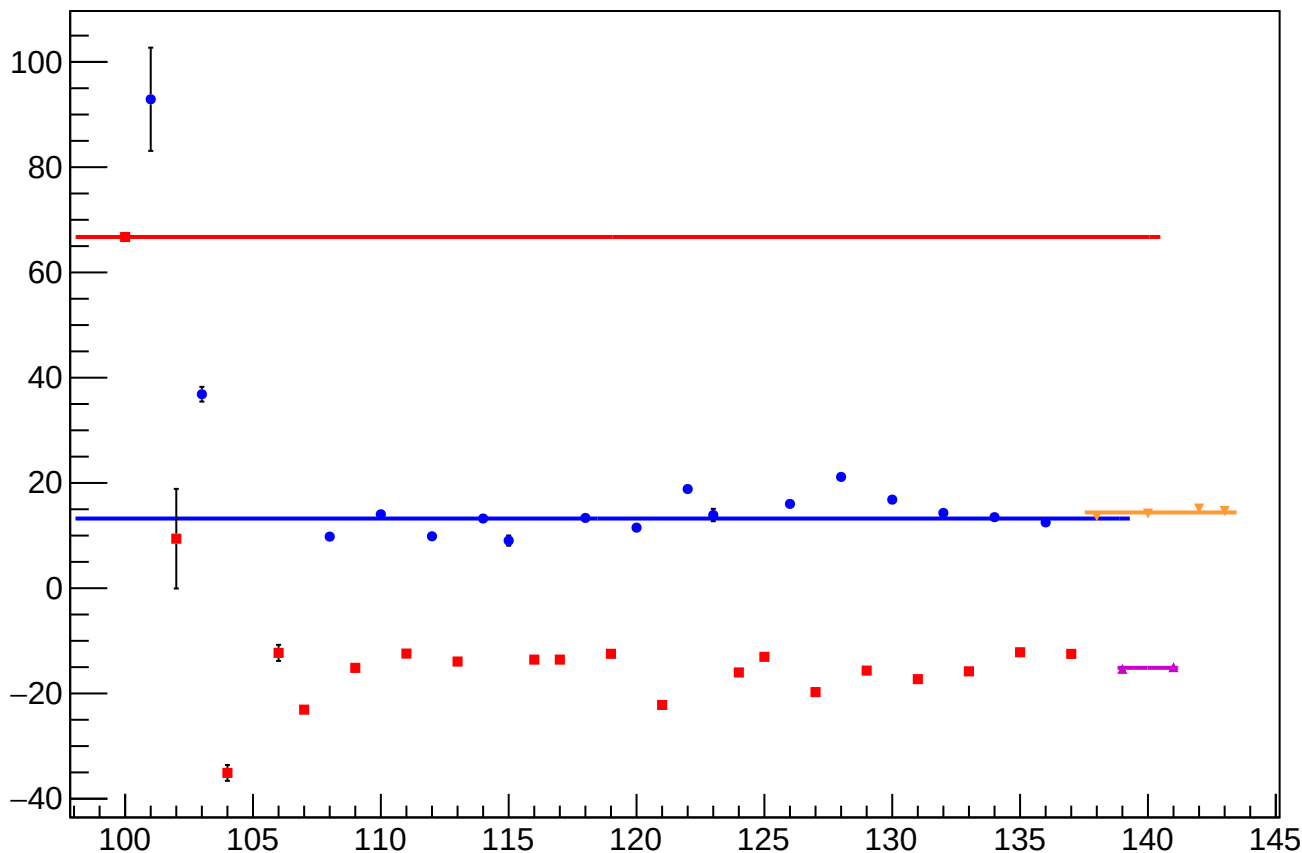
Left In: 34.804 ± 0.045 χ^2/NDF : 4752.6/1

-32.955 ± 0.024 χ^2/NDF : 109907.0/20

-8.789 ± 0.018 χ^2/NDF : 3187562.2/42

27.742 ± 0.029 χ^2/NDF : 456940.2/21

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238 $\pm$ 0.000 χ^2/NDF : 5756.1/16

Left Out: 14.393 $\pm$ 0.038 χ^2/NDF : 102.8/3

Right Out: 66.739 $\pm$ 0.000 χ^2/NDF : 3031217.4/19

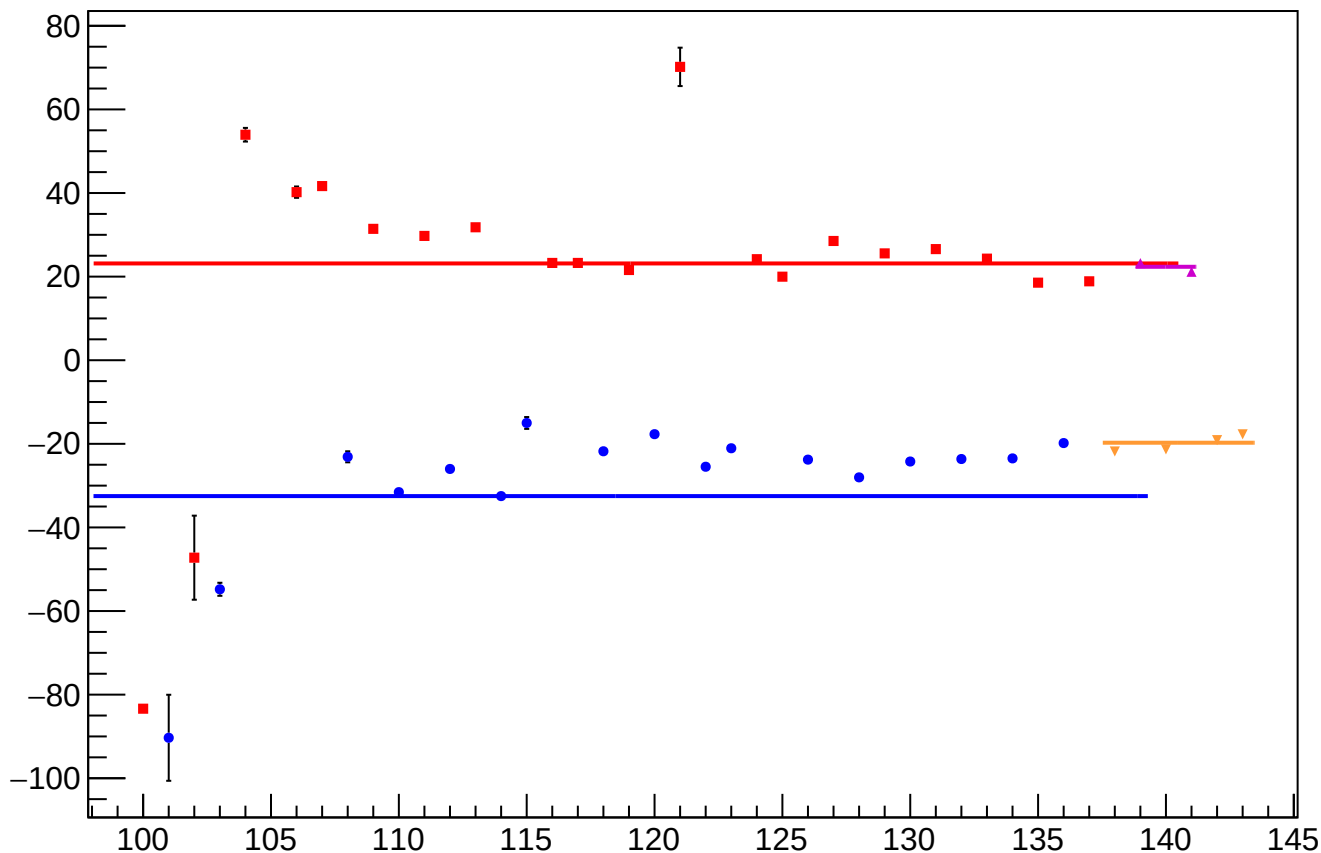
Left In: -15.129 $\pm$ 0.046 χ^2/NDF : 11.4/1

13.238 $\pm$ 0.000 χ^2/NDF : 6768.0/20

13.690 $\pm$ 0.000 χ^2/NDF : 8432486222043

66.739 $\pm$ 0.000 χ^2/NDF : 6176718.8/21

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

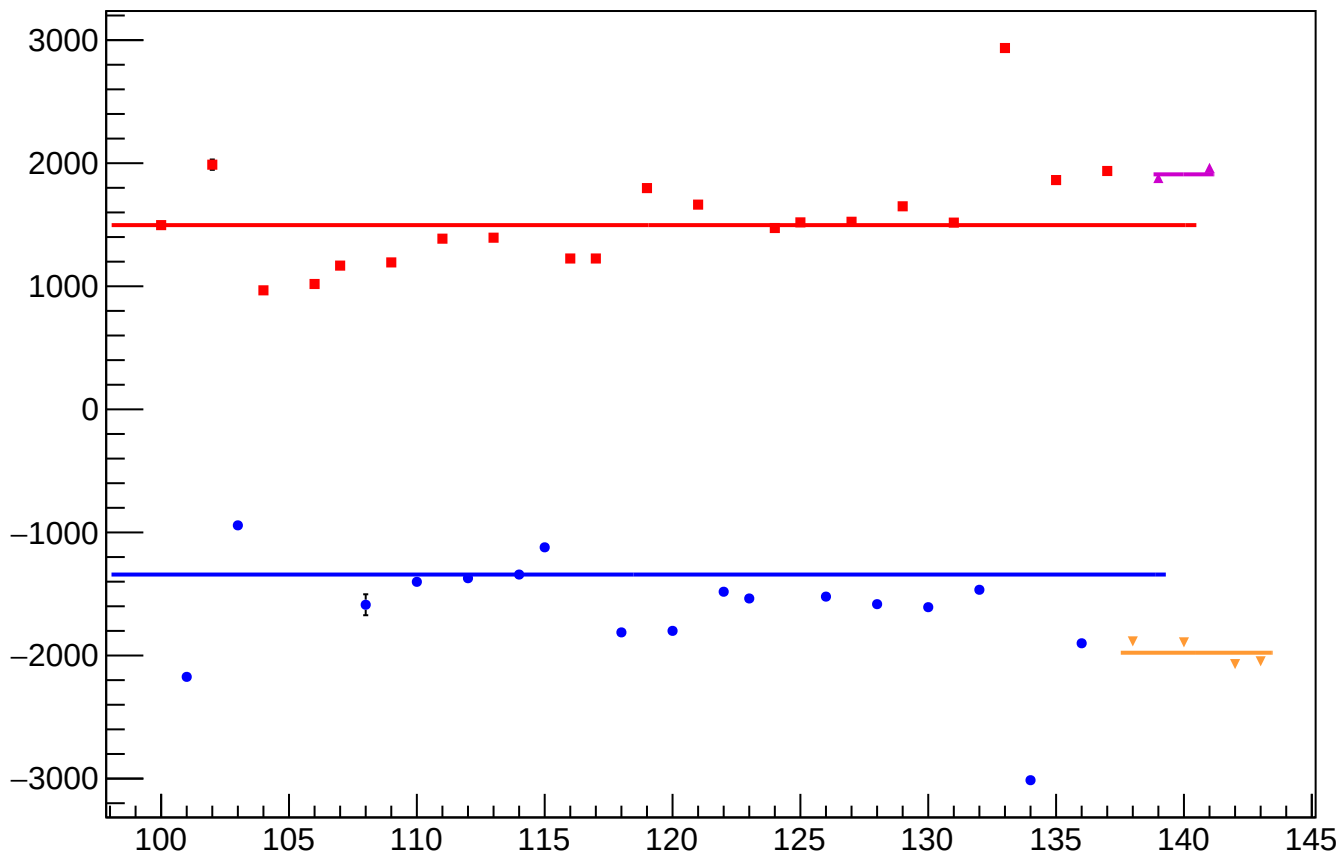
Left In: 22.353 ± 0.076 χ^2/NDF : 180.1/1

-32.504 ± 0.000 χ^2/NDF : 156018.5/20

-32.504 ± 0.000 χ^2/NDF : 2133263.6/42

22.928 ± 0.040 χ^2/NDF : 91008.4/21

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

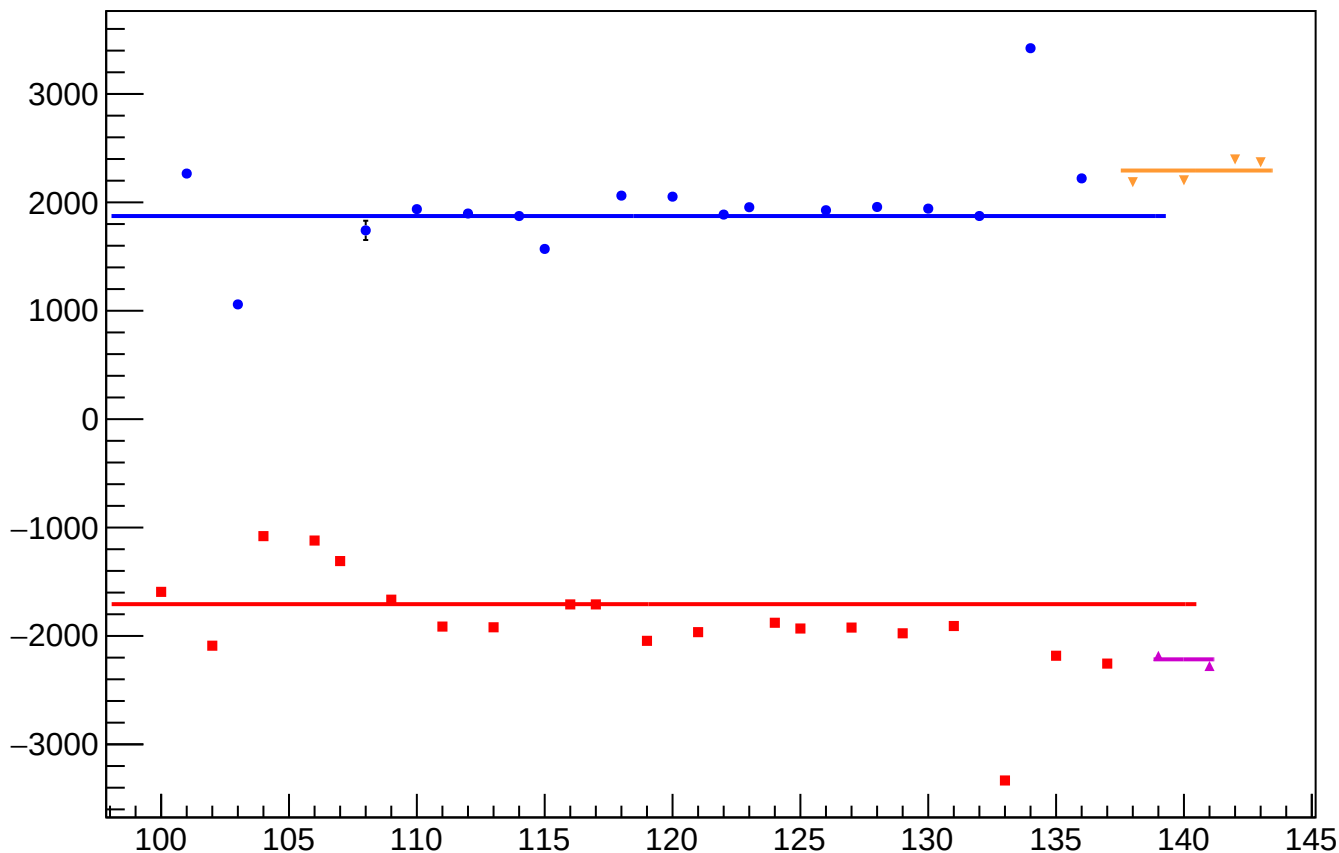
Left In: 1909.495 ± 0.886 χ^2/NDF : 2027.2/1

-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 : 724413.5/21

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 1873.852 $\pm$ 0.000 χ^2 /NDF: 201563.9/16

Left Out: 2293.712 $\pm$ 1.182 χ^2 /NDF:6000.3/3

Right Out: -1706.740 $\pm$ 0.302 χ^2 /NDF: 837936.9/19

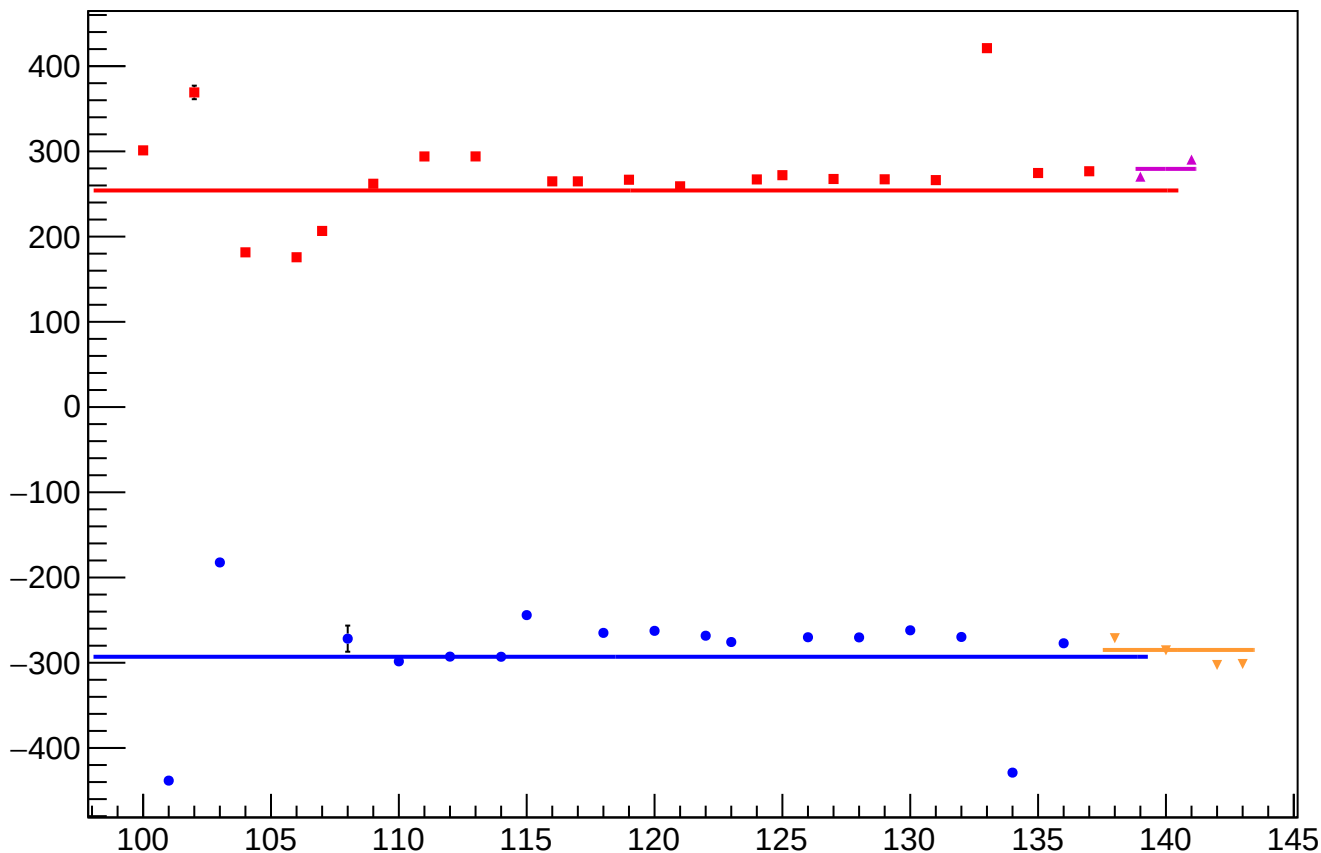
Left In: -2215.816 $\pm$ 0.905 χ^2 /NDF:2440.9/1

1873.852 $\pm$ 0.000 χ^2 /NDF: 333763.0/20

1873.852 $\pm$ 0.000 χ^2 /NDF: 161871627.3/

-1757.836 $\pm$ 0.287 χ^2 /NDF: 1124993.6/21

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1015592.4/16$

Left Out: -284.980 ± 0.074 $\chi^2/\text{NDF}: 35704.2/3$

Right Out: 254.127 ± 0.059 $\chi^2/\text{NDF}: 502684.9/19$

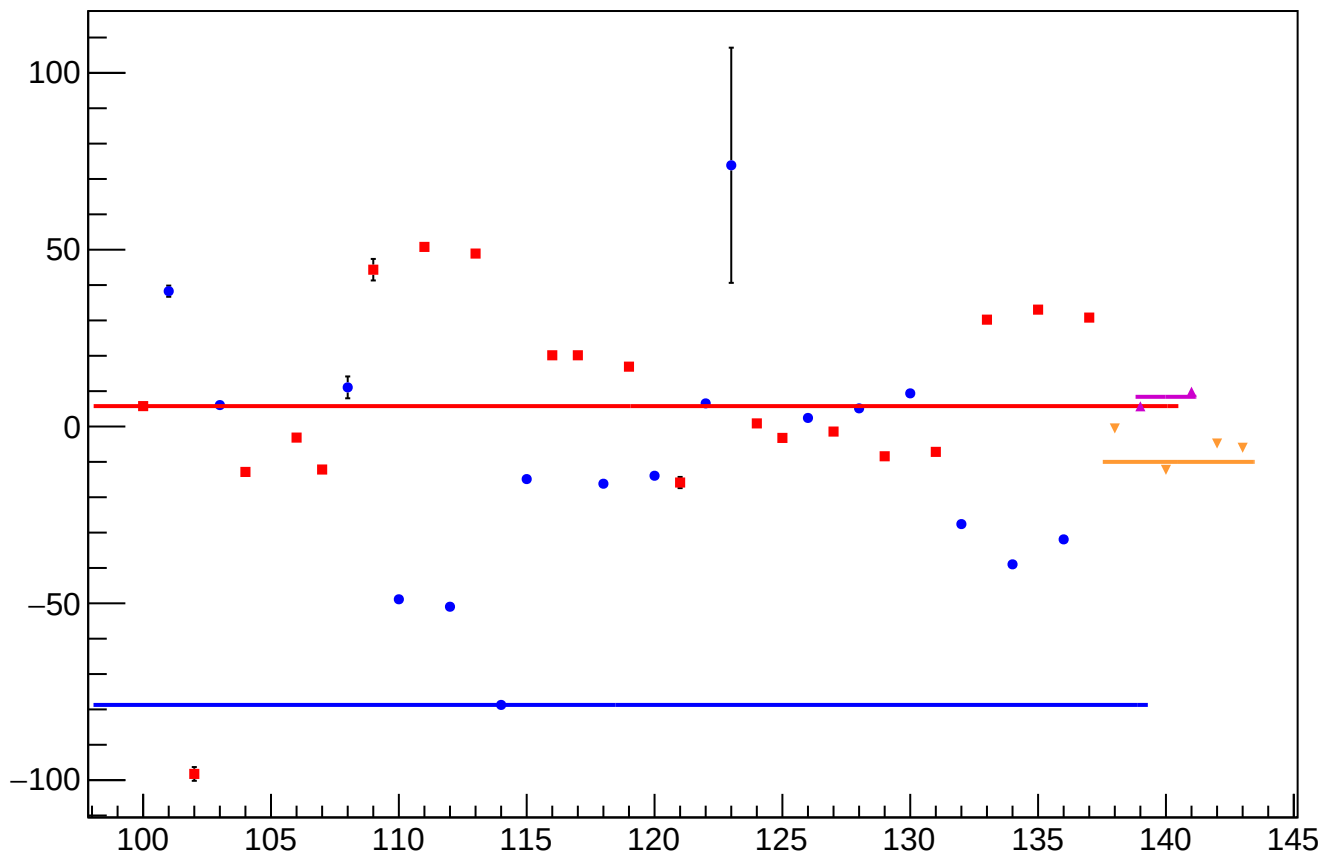
Left In: 279.451 ± 0.062 $\chi^2/\text{NDF}: 25481.7/1$

-292.986 ± 0.000 $\chi^2/\text{NDF}: 1063040.7/20$

-292.986 ± 0.000 $\chi^2/\text{NDF}: 171769032.4/4$

266.073 ± 0.043 $\chi^2/\text{NDF}: 615135.2/21$

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 $\chi^2/\text{NDF}: 111755.3/19$

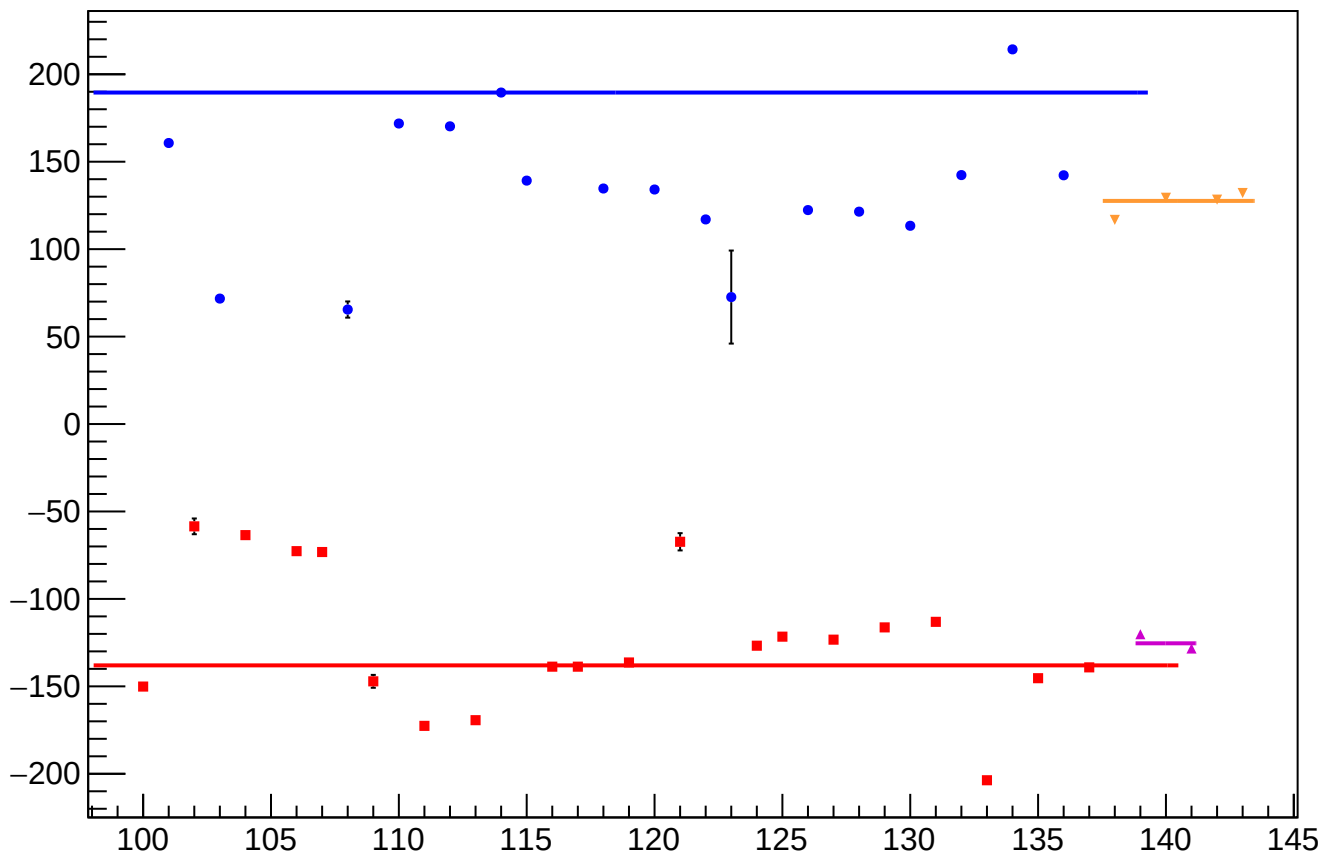
Left In: 8.399 ± 0.065 $\chi^2/\text{NDF}: 915.8/1$

-78.728 ± 0.000 $\chi^2/\text{NDF}: 2273736.3/20$

5.169 ± 0.000 $\chi^2/\text{NDF}: 38614083696031$

5.769 ± 0.000 $\chi^2/\text{NDF}: 114299.5/21$

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

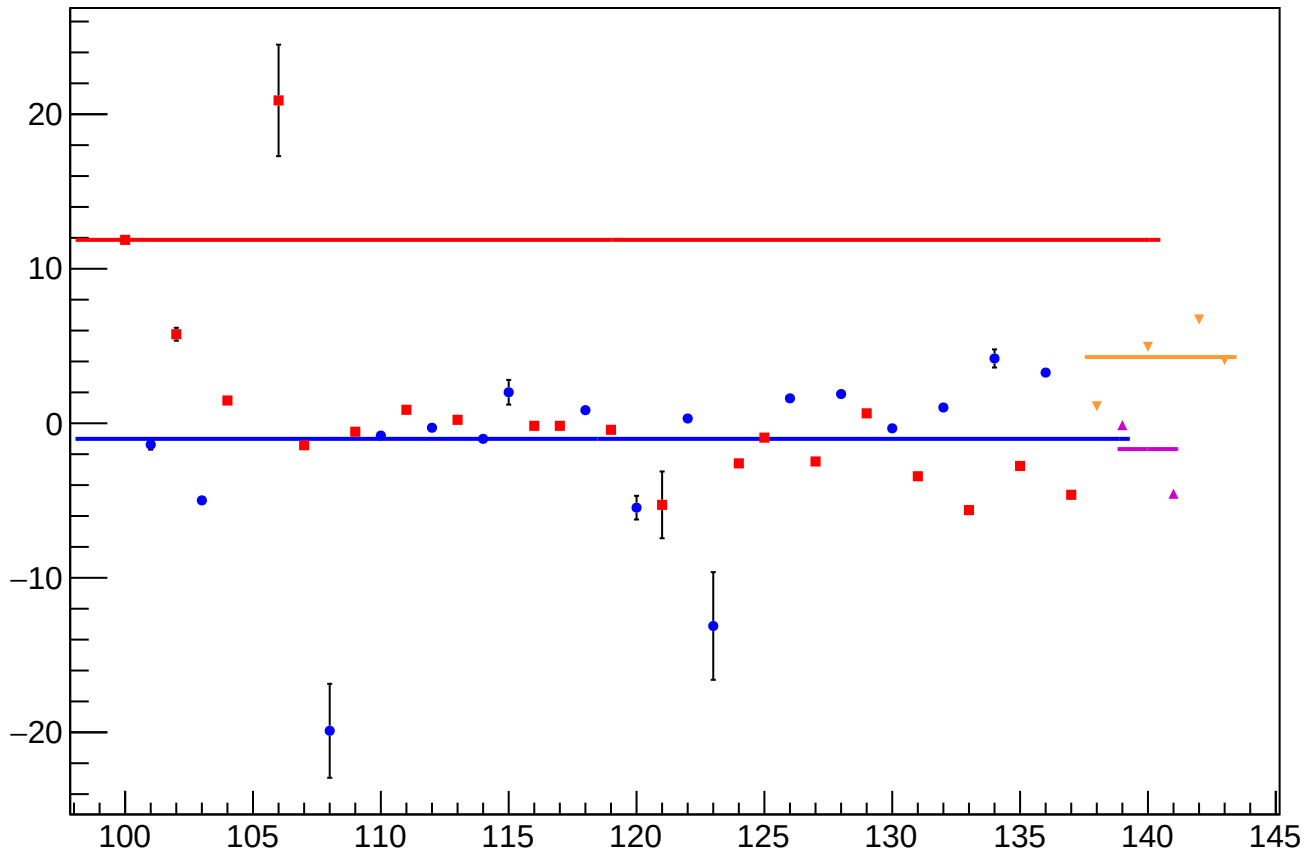
Left In: -125.387 ± 0.067 χ^2/NDF : 3408.4/1

189.551 ± 0.000 χ^2/NDF : 1360162.1/20

189.551 ± 0.000 χ^2/NDF : 54177391.3/42

-132.531 ± 0.044 χ^2/NDF : 140620.3/21

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

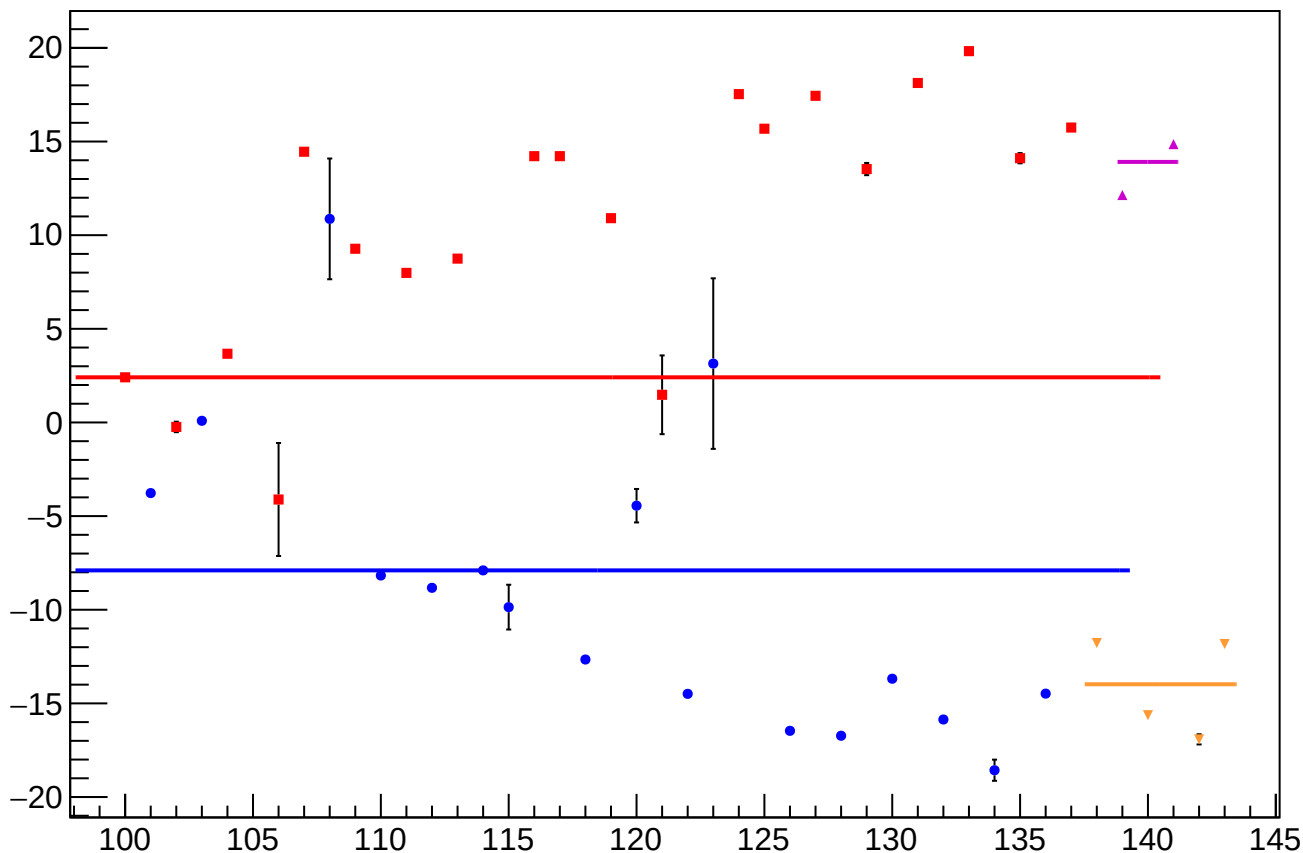
Left In: -1.670 ± 0.053 χ^2/NDF : 1575.8/1

-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 : 626752.4/21

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

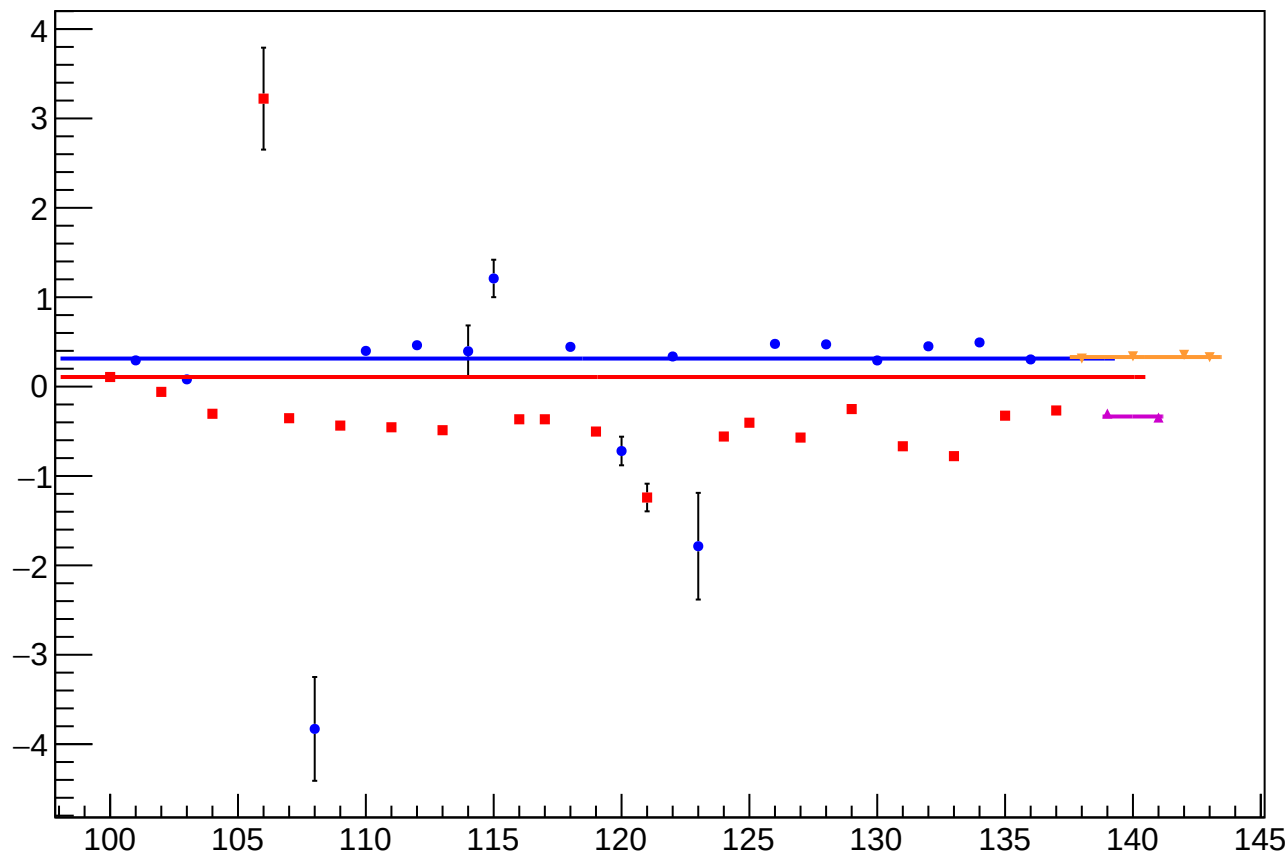
Left In: 13.912+/-0.071 χ^2/NDF : 333.5/1

-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 : 248930.6/21

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

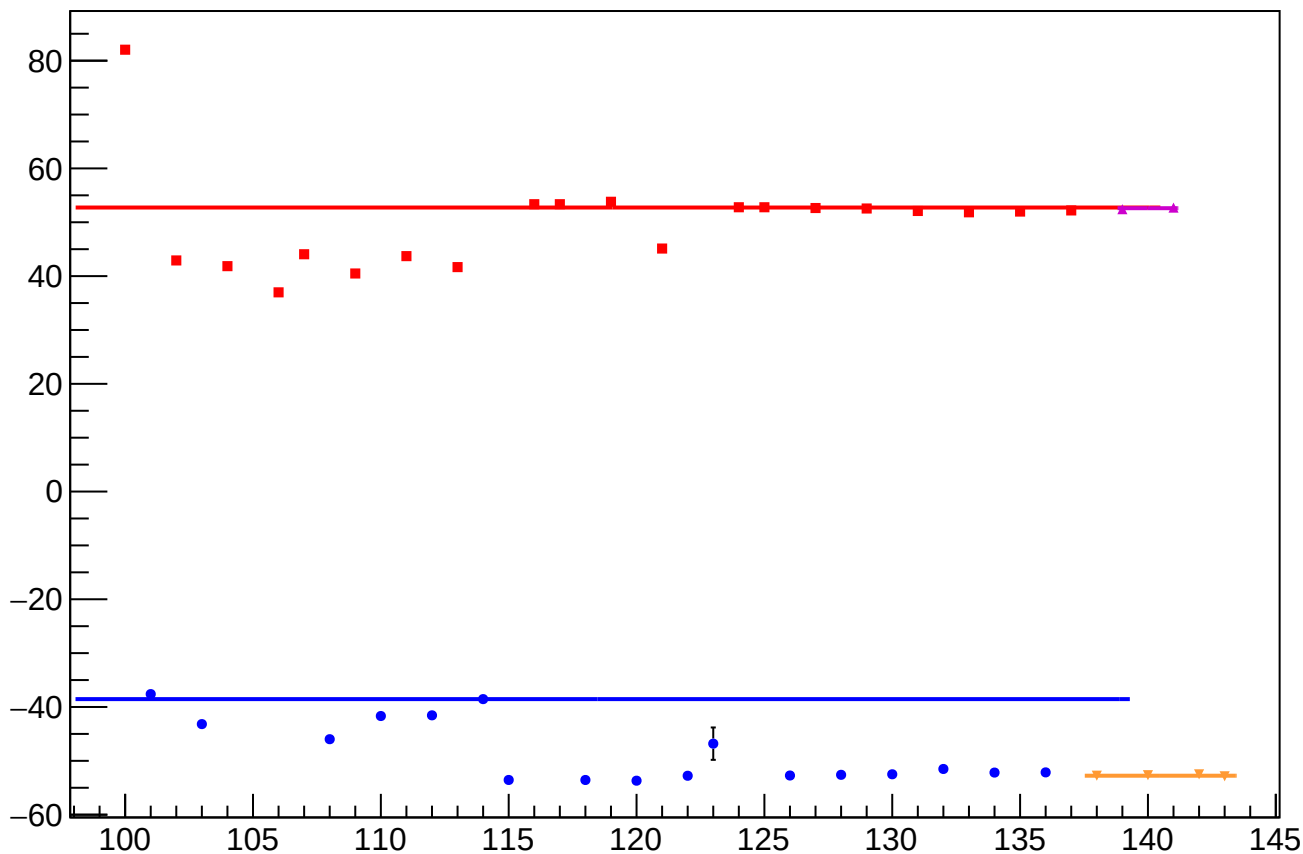
Left In: -0.334 ± 0.001 χ^2/NDF : 256.2/1

0.324 ± 0.001 χ^2/NDF : 3161.6/20

0.107 ± 0.000 χ^2/NDF : 484433.5/42

0.107 ± 0.000 χ^2/NDF : 354294.2/21

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

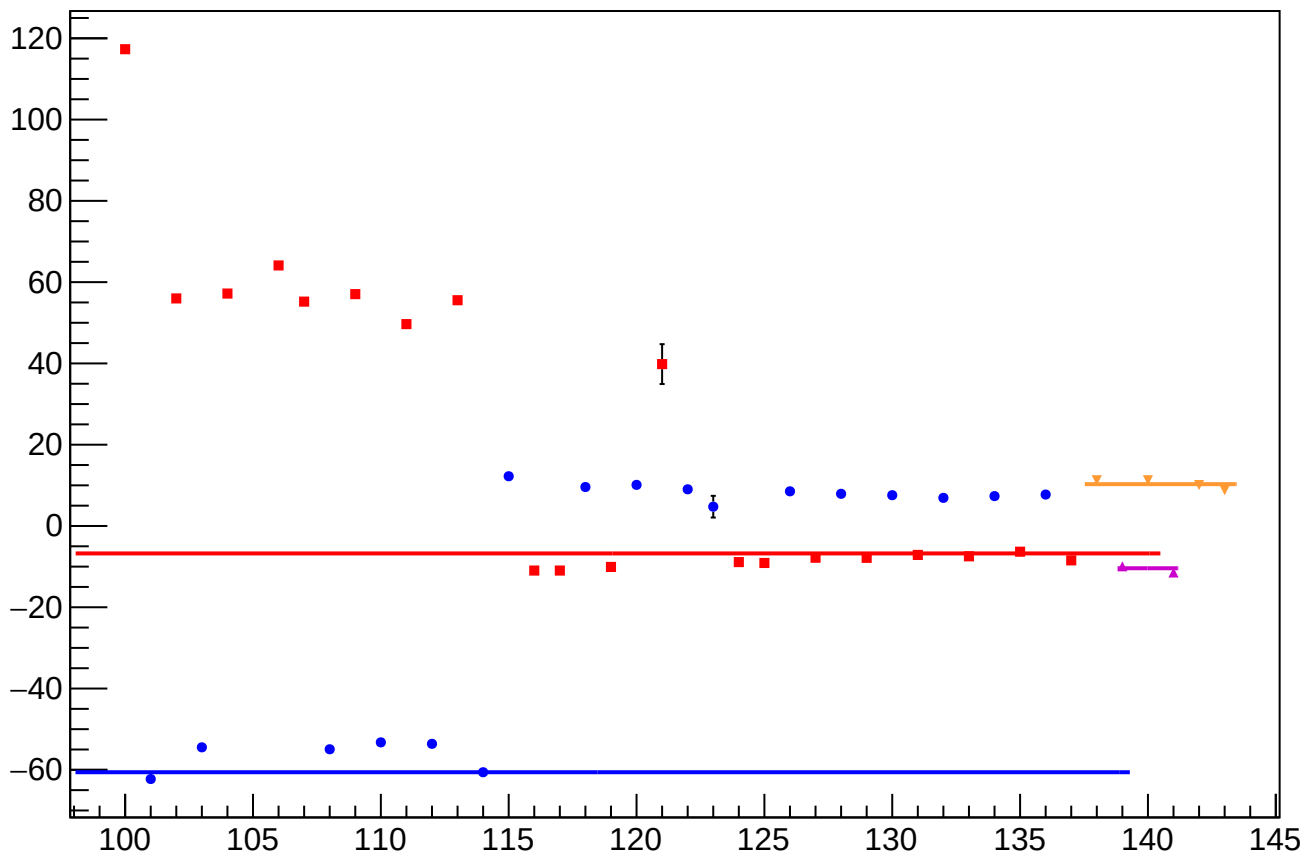
Left In: 52.612 ± 0.007 χ^2/NDF : 419.7/1

-38.539 ± 0.000 χ^2/NDF : 22126799.1/20

-38.539 ± 0.000 χ^2/NDF : 2551572695.5/1

52.728 ± 0.002 χ^2/NDF : 88164.1/21

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

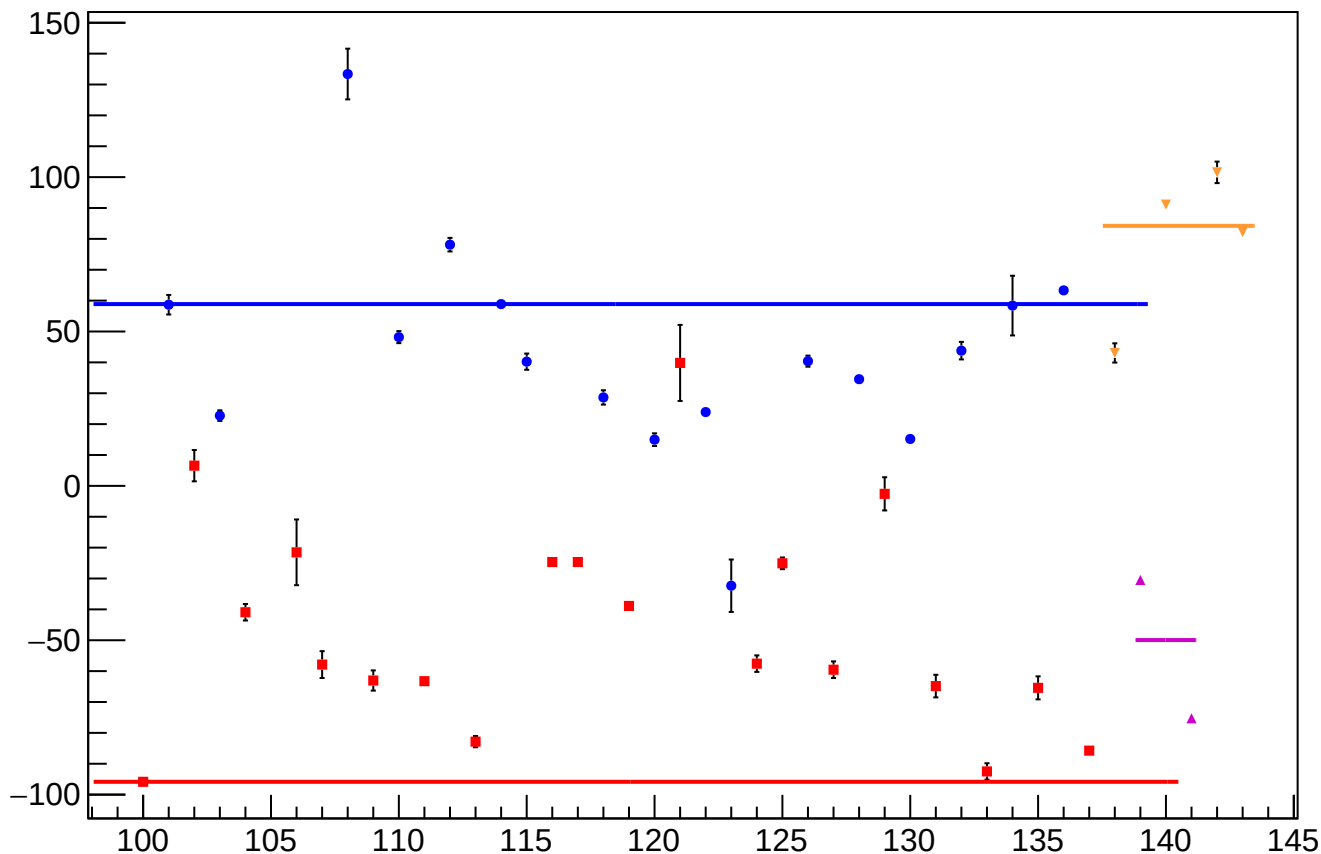
Left In: -10.401+/-0.019 χ^2/NDF : 1451.5/1

-60.594+/-0.000 χ^2/NDF : 50942618.0/20

-60.594+/-0.000 χ^2/NDF : 83438333.0/42

-7.701+/-0.009 χ^2/NDF : 1296748.2/21

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

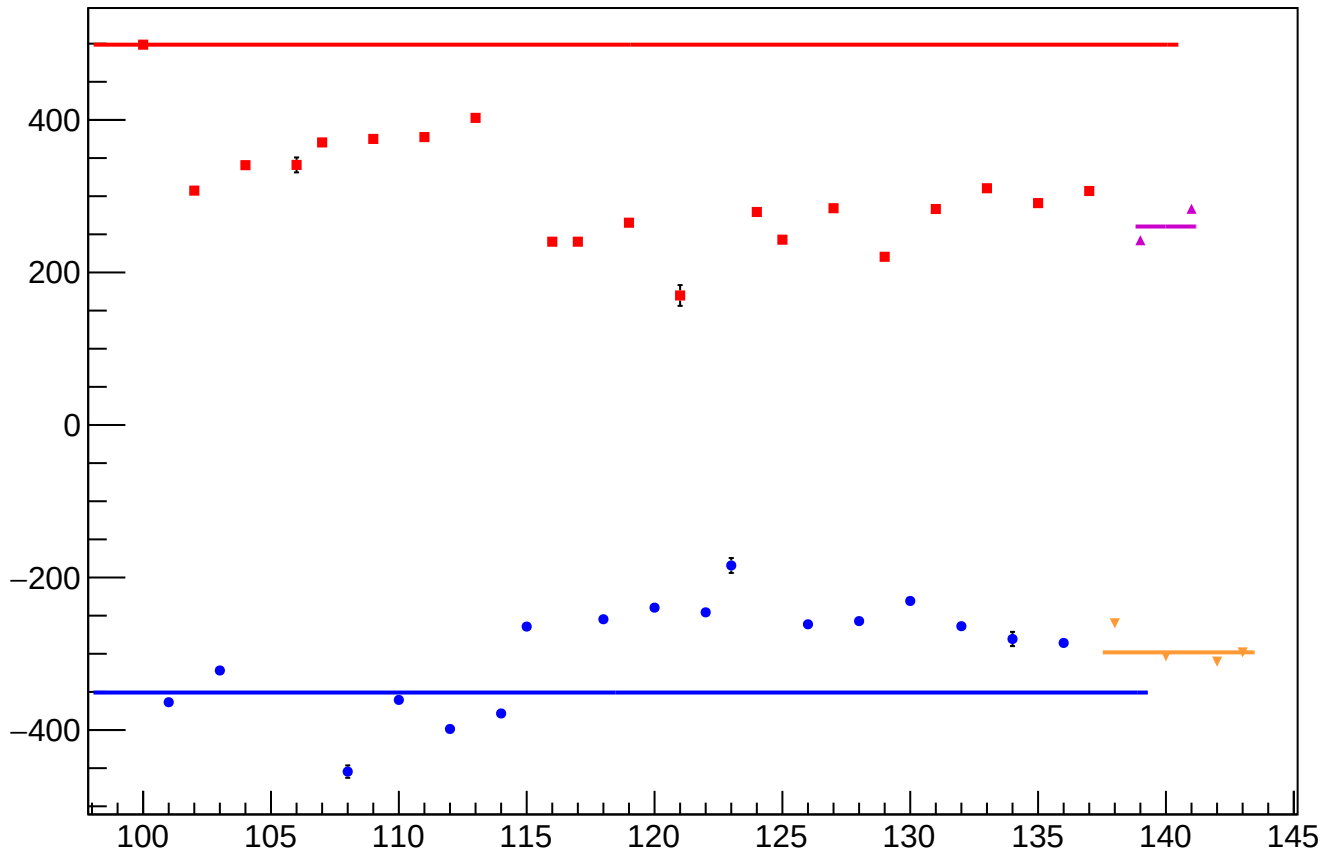
Left In: -49.939+/-0.741 χ^2/NDF : 899.4/1

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 : 49387.7/21

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

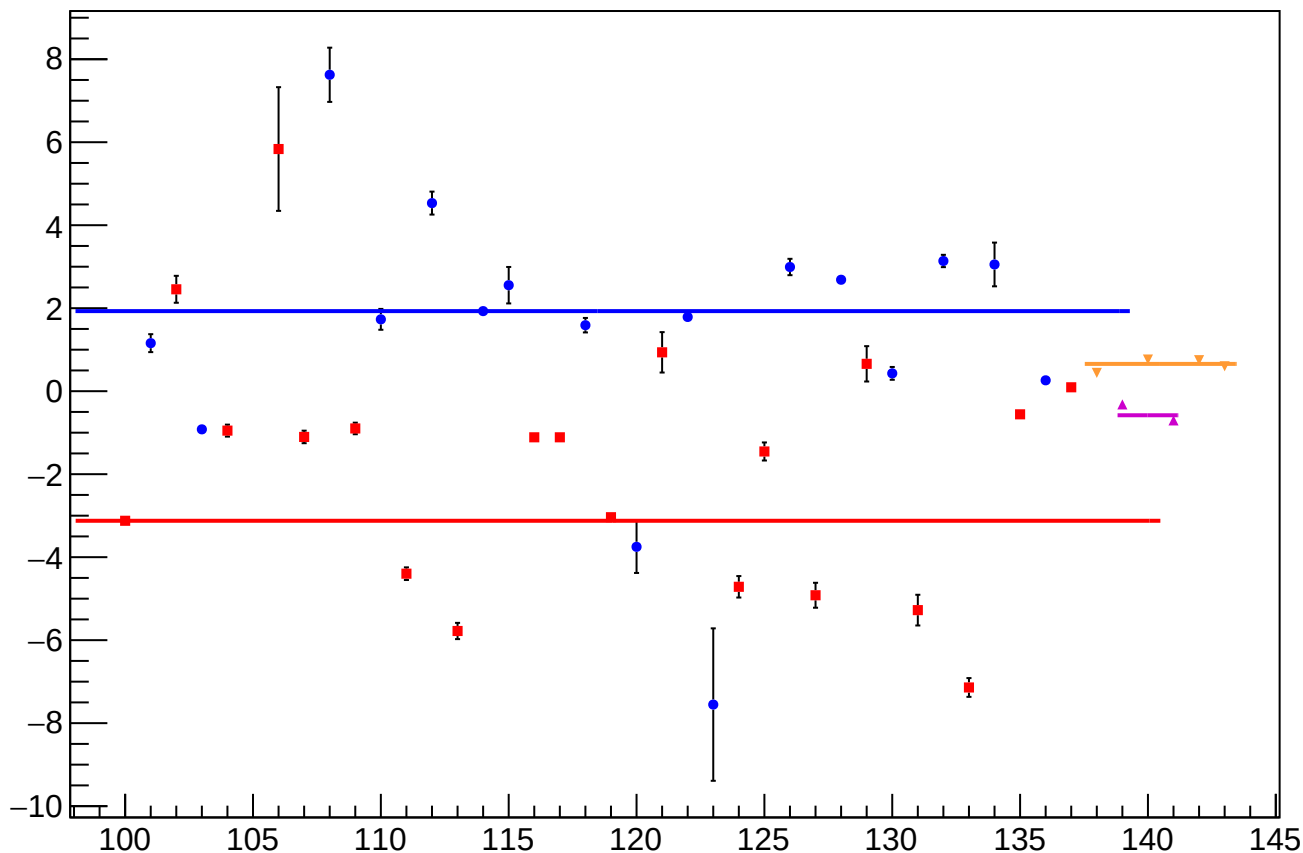
Left In: 260.236 ± 0.729 χ^2/NDF : 786.0/1

-347.555 ± 0.237 χ^2/NDF : 44354.2/20

498.692 ± 0.000 χ^2/NDF : 13494886.2/42

498.692 ± 0.000 χ^2/NDF : 680007.8/21

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

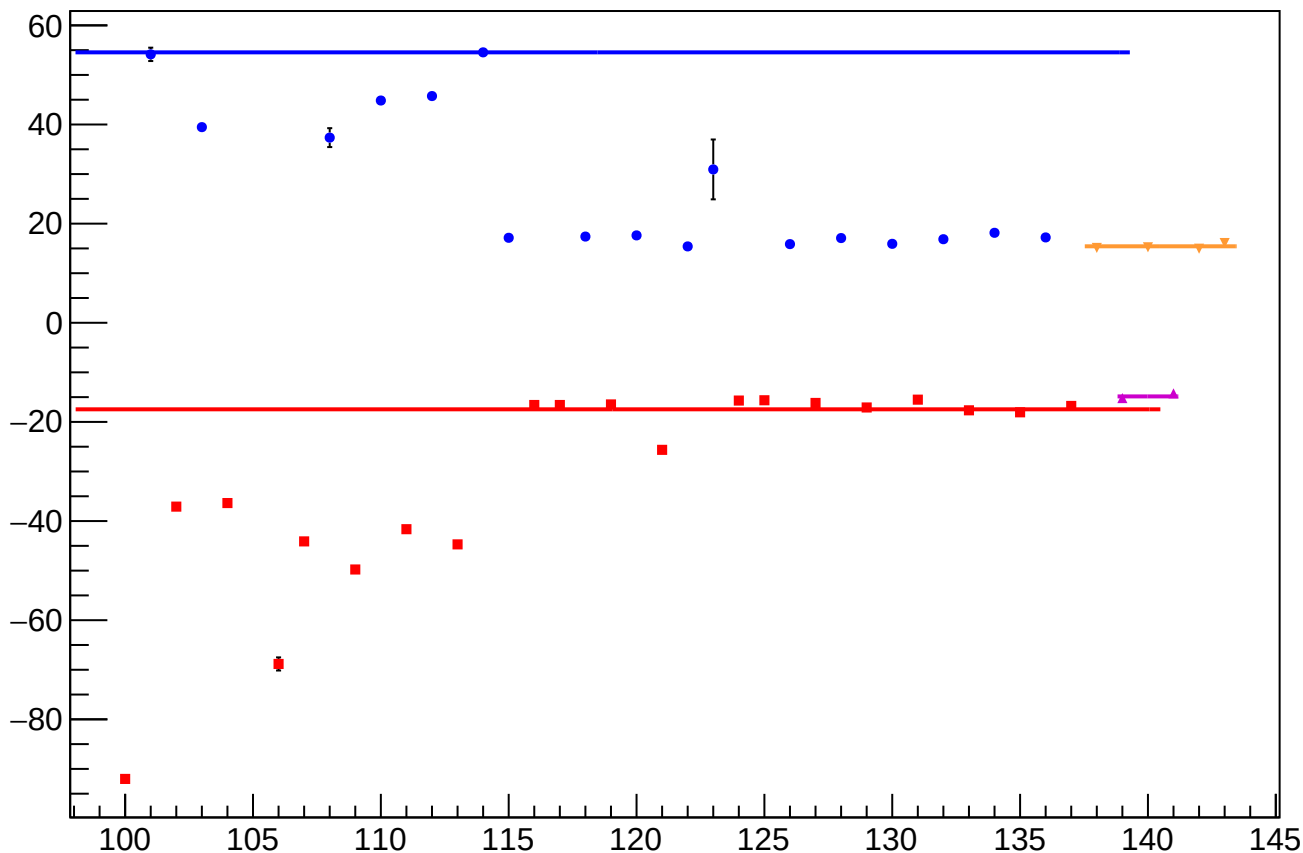
Left In: -0.580 ± 0.005 χ^2/NDF : 1396.7/1

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 : 793559.5/21

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 54.556 $\pm$ 0.000 χ^2 /NDF: 7238433.0/16

Left Out: 15.428 $\pm$ 0.017 χ^2 /NDF:630.5/3

Right Out: -17.458 $\pm$ 0.018 χ^2 /NDF: 99309.7/19

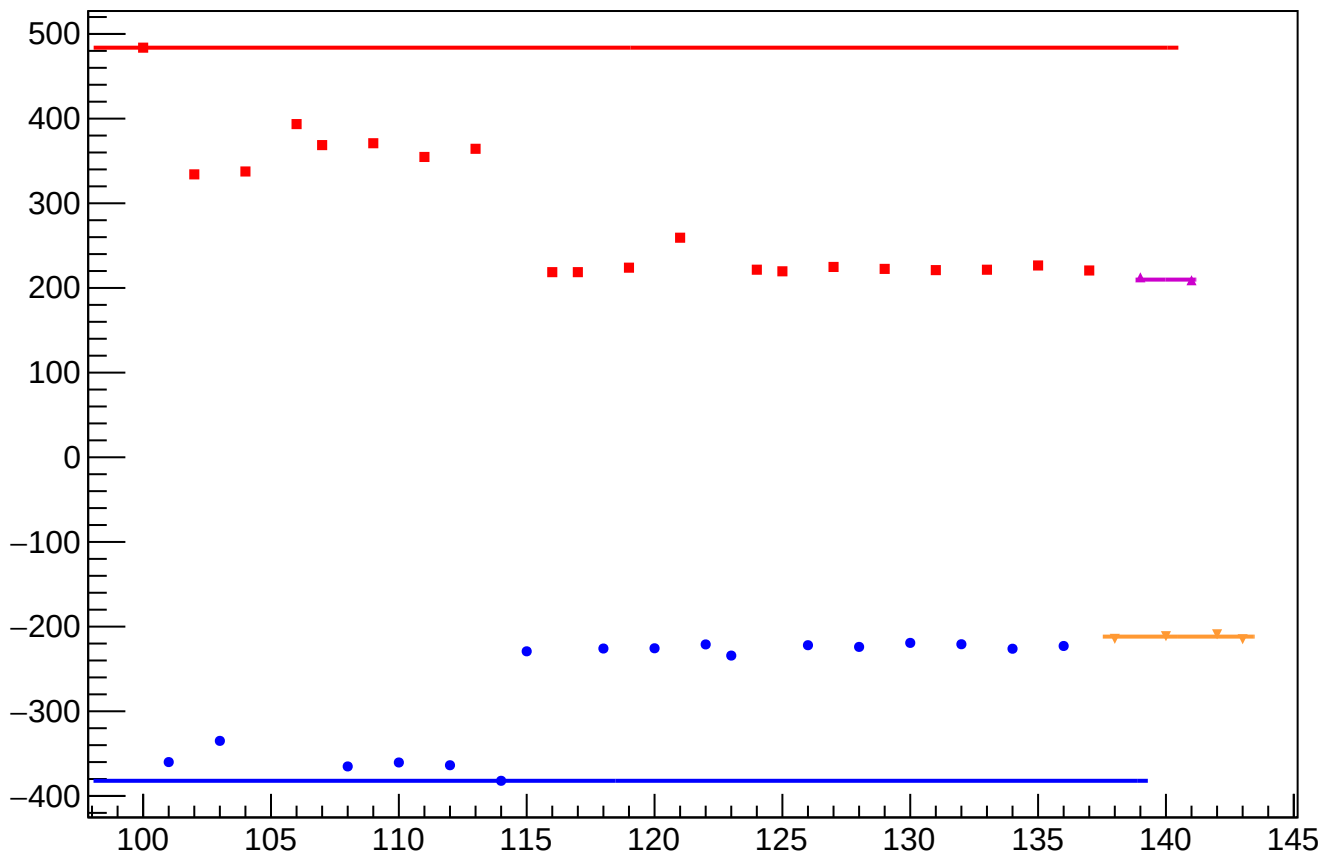
Left In: -14.854 $\pm$ 0.023 χ^2 /NDF:383.1/1

54.556 $\pm$ 0.000 χ^2 /NDF: 12296993.5/20

54.556 $\pm$ 0.000 χ^2 /NDF: 36811911.3/42

-16.464 $\pm$ 0.014 χ^2 /NDF: 107436.4/21

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

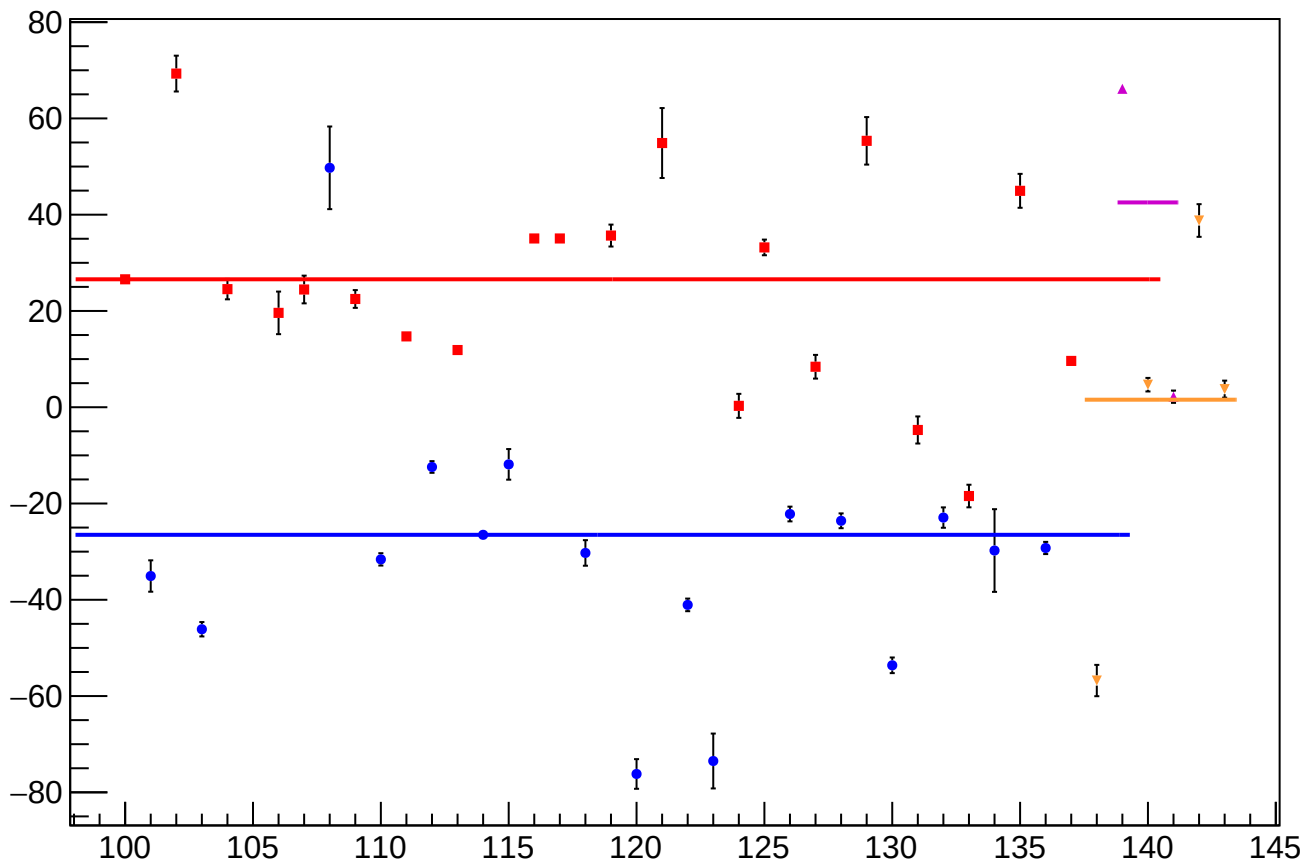
Left In: 209.857+/-0.043 χ^2/NDF : 1068.7/1

-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 : 64142320.3/21

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 $\chi^2/\text{NDF}: 2754.8/19$

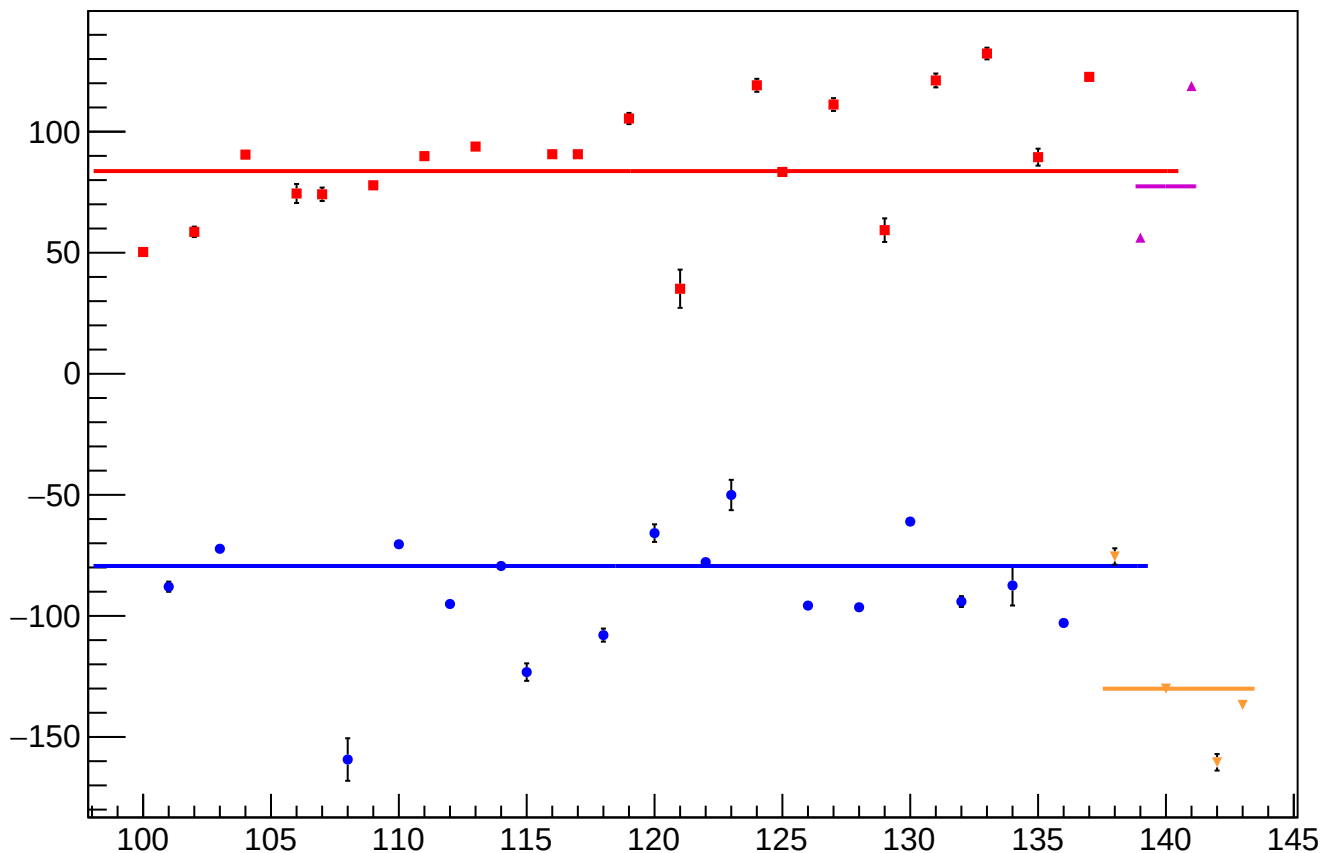
Left In: 42.545 ± 0.777 $\chi^2/\text{NDF}: 1579.6/1$

-26.504 ± 0.000 $\chi^2/\text{NDF}: 2421.7/20$

-7.770 ± 0.000 $\chi^2/\text{NDF}: 2166718322463$

26.577 ± 0.000 $\chi^2/\text{NDF}: 4757.1/21$

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 $\chi^2/\text{NDF}: 12064.6/19$

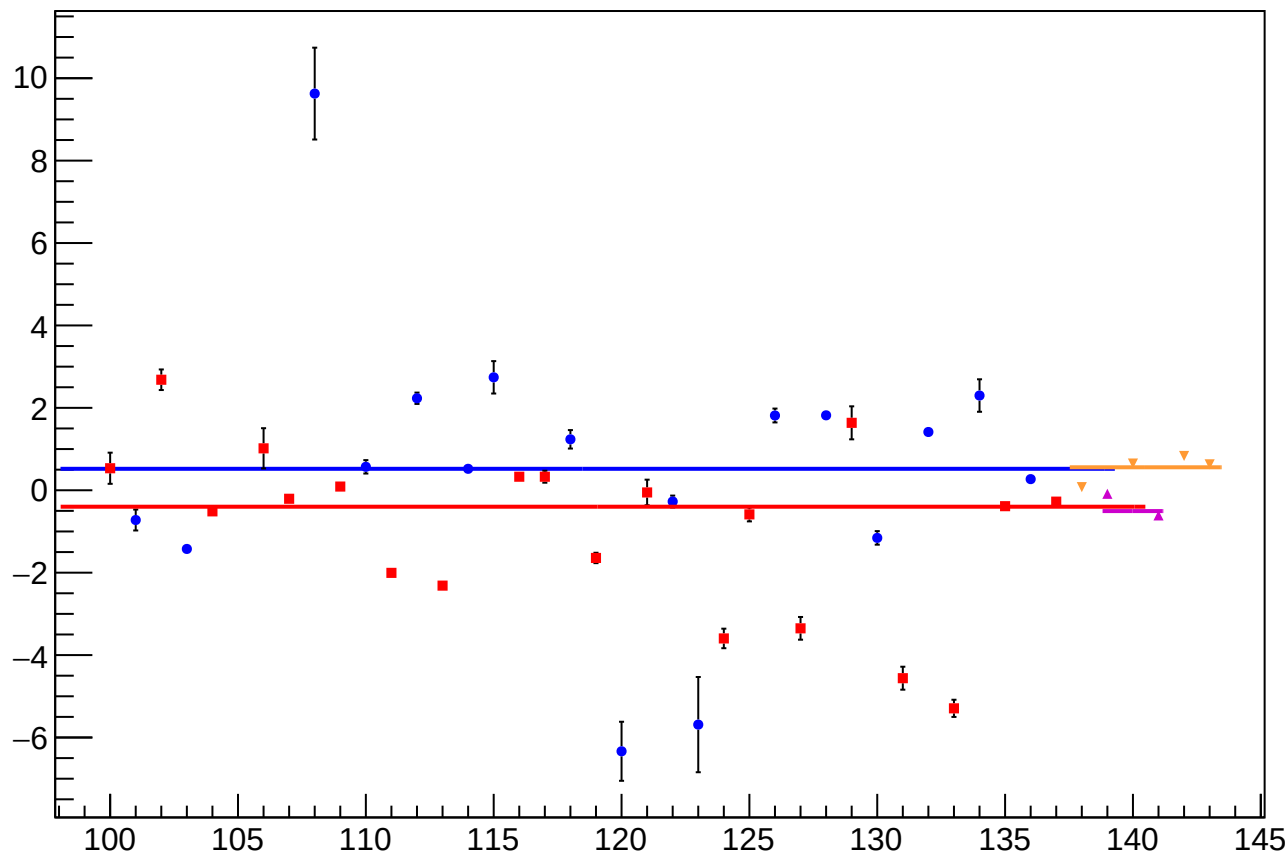
Left In: 77.421 ± 0.726 $\chi^2/\text{NDF}: 1663.9/1$

-79.376 ± 0.000 $\chi^2/\text{NDF}: 4325.1/20$

-79.376 ± 0.000 $\chi^2/\text{NDF}: 977435.3/42$

83.392 ± 0.166 $\chi^2/\text{NDF}: 13799.9/21$

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

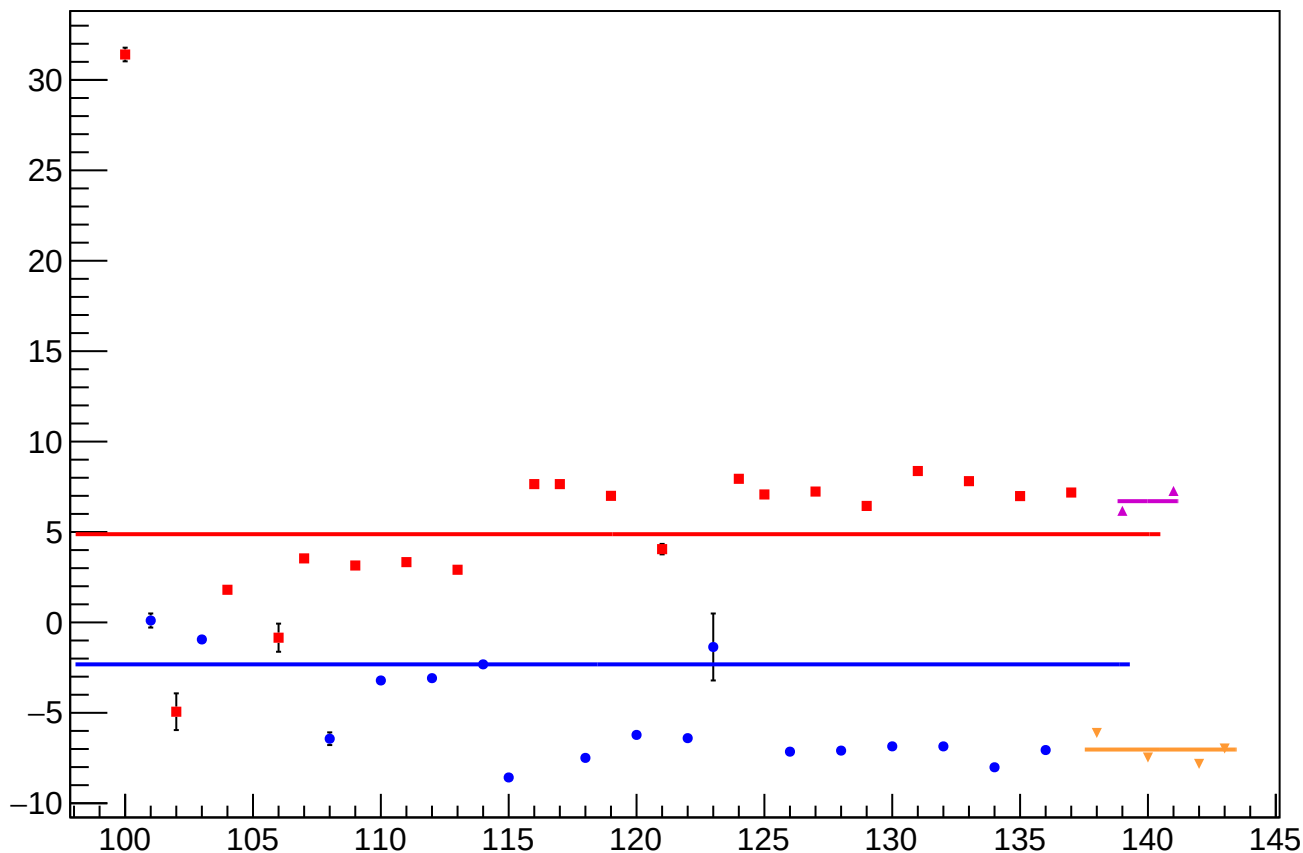
Left In: -0.505 ± 0.004 χ^2/NDF : 2614.9/1

0.521 ± 0.000 χ^2/NDF : 4376.4/20

0.521 ± 0.000 χ^2/NDF : 79260.8/42

-0.492 ± 0.004 χ^2/NDF : 5451.3/21

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

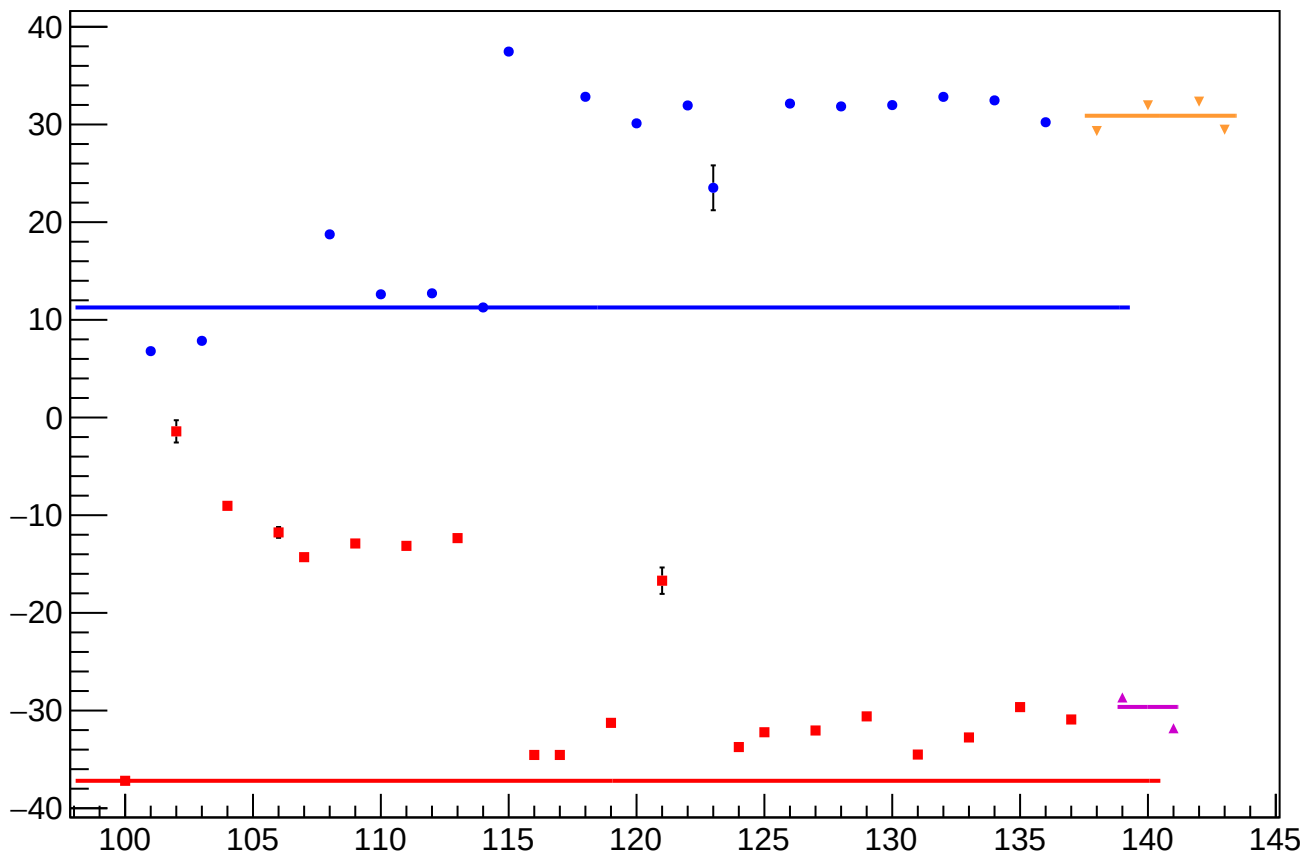
Left In: 6.705+/-0.013 χ^2/NDF : 1917.3/1

-2.320+/-0.000 χ^2/NDF : 355870.3/20

-2.320+/-0.000 χ^2/NDF : 1416672.1/42

5.613+/-0.008 χ^2/NDF : 64376.0/21

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

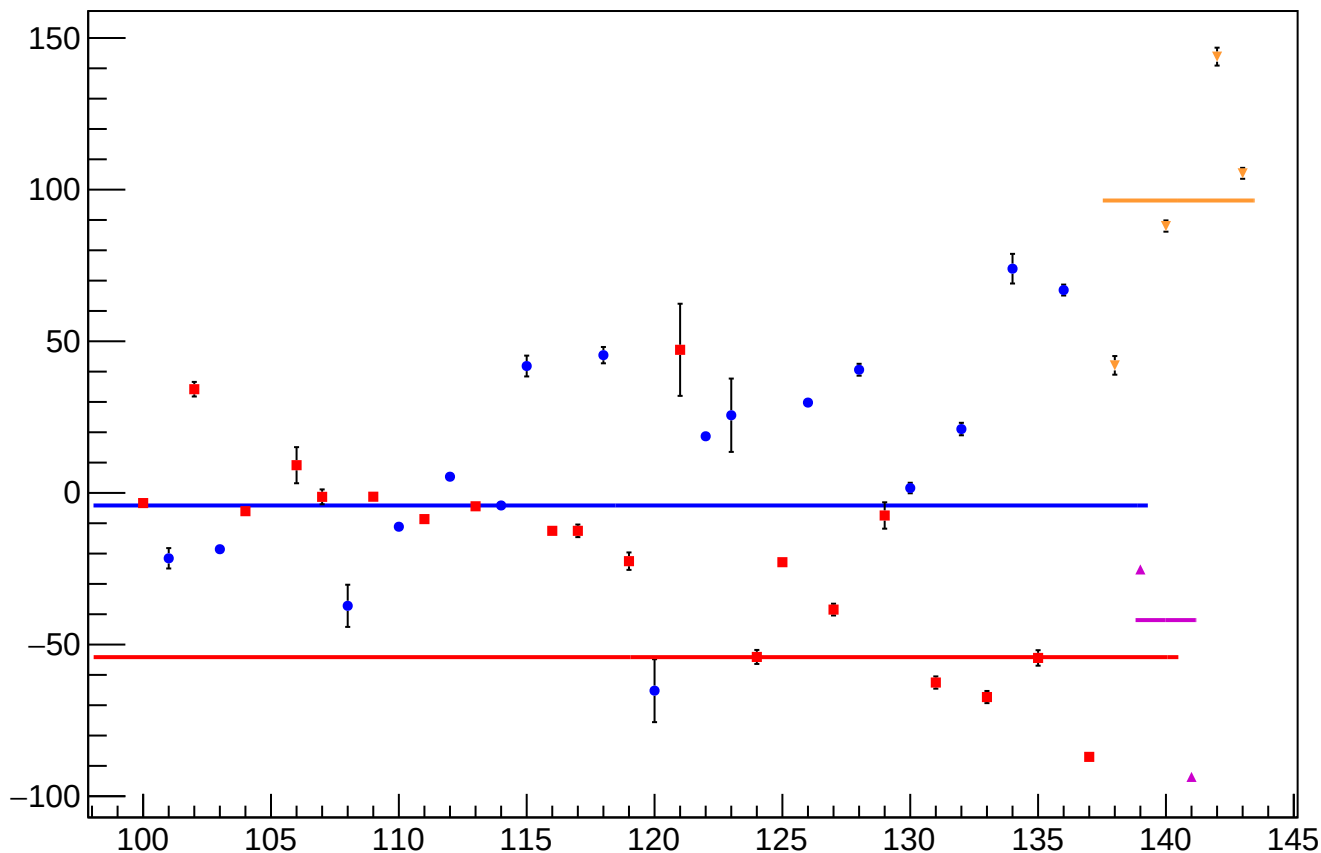
Left In: -29.628+/-0.039 χ^2/NDF : 1403.4/1

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 : 1161356.8/21

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: -4.139 ± 0.000 $\chi^2/\text{NDF}: 4654.2/16$

Left Out: 96.416 ± 1.106 $\chi^2/\text{NDF}: 616.1/3$

Right Out: -54.147 ± 0.170 $\chi^2/\text{NDF}: 54404.1/19$

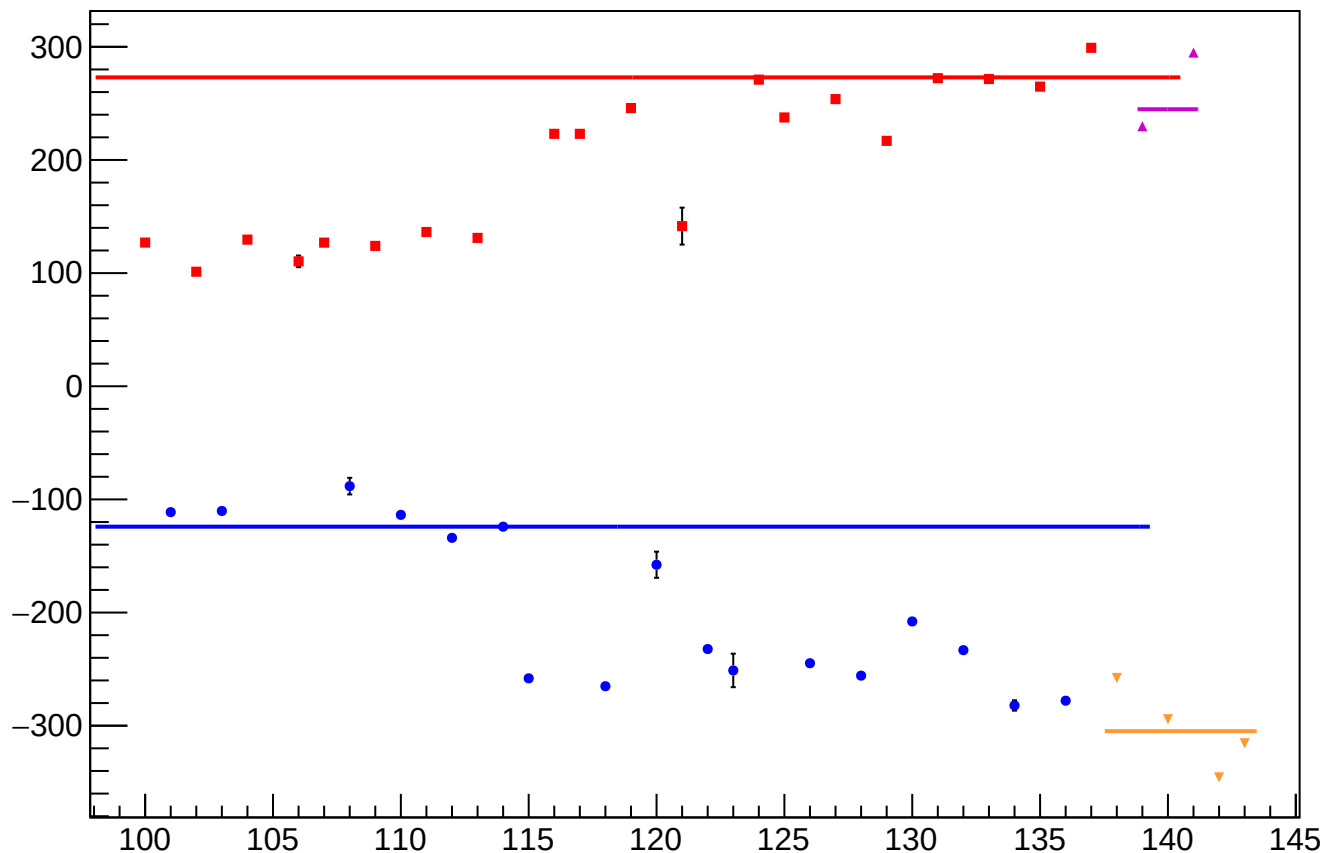
Left In: -41.930 ± 0.634 $\chi^2/\text{NDF}: 2145.2/1$

-4.139 ± 0.000 $\chi^2/\text{NDF}: 13538.1/20$

-4.139 ± 0.000 $\chi^2/\text{NDF}: 160525.0/42$

-53.331 ± 0.164 $\chi^2/\text{NDF}: 56895.3/21$

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

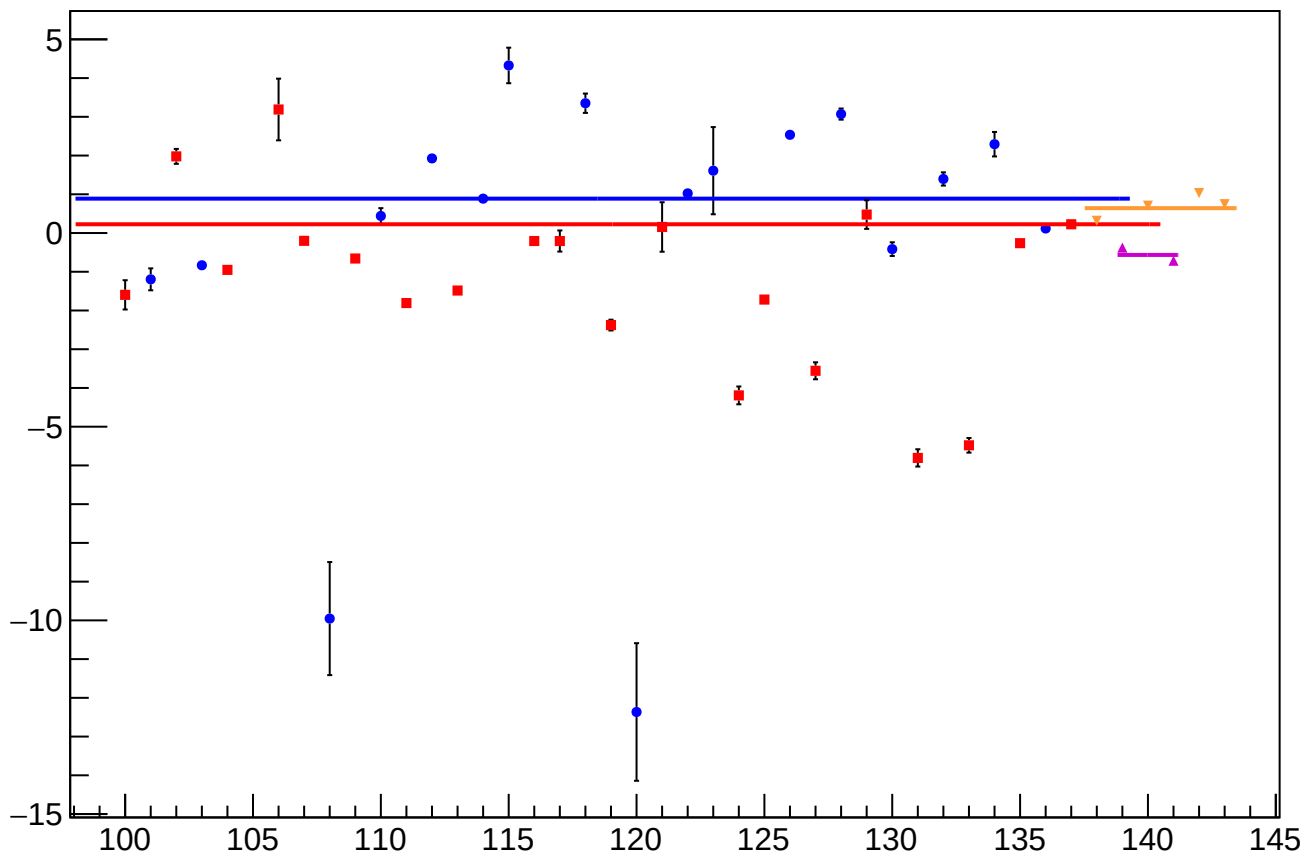
Left In: 244.826+/-0.597 χ^2/NDF : 2109.3/1

-124.095+/-0.000 χ^2/NDF : 65529.6/20

-124.095+/-0.000 χ^2/NDF : 13176067.6/42

272.035+/-0.111 χ^2/NDF : 284958.6/21

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

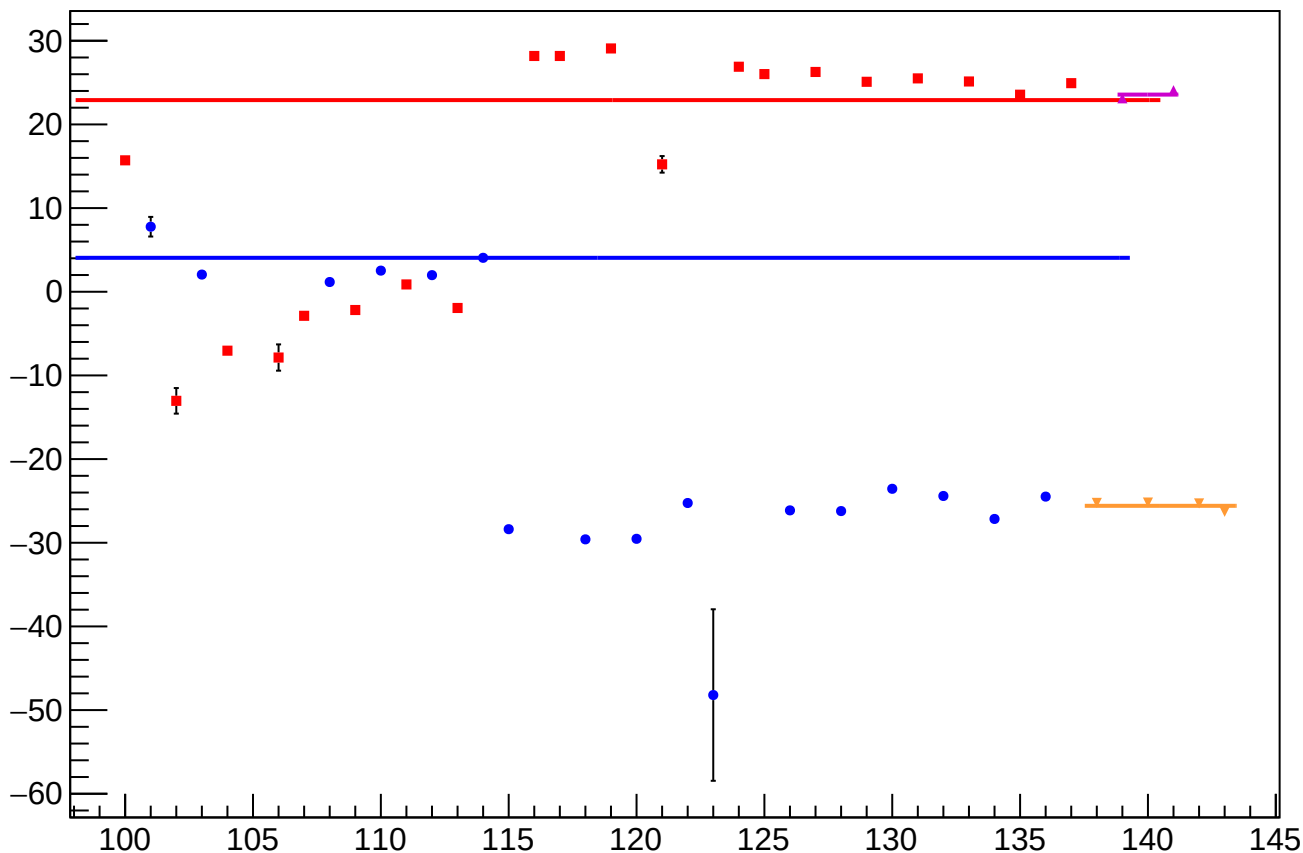
Left In: -0.566 ± 0.008 χ^2/NDF : 458.1/1

0.888 ± 0.000 χ^2/NDF : 10657.9/20

0.888 ± 0.000 χ^2/NDF : 149095517.7/42

0.226 ± 0.000 χ^2/NDF : 15634.5/21

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

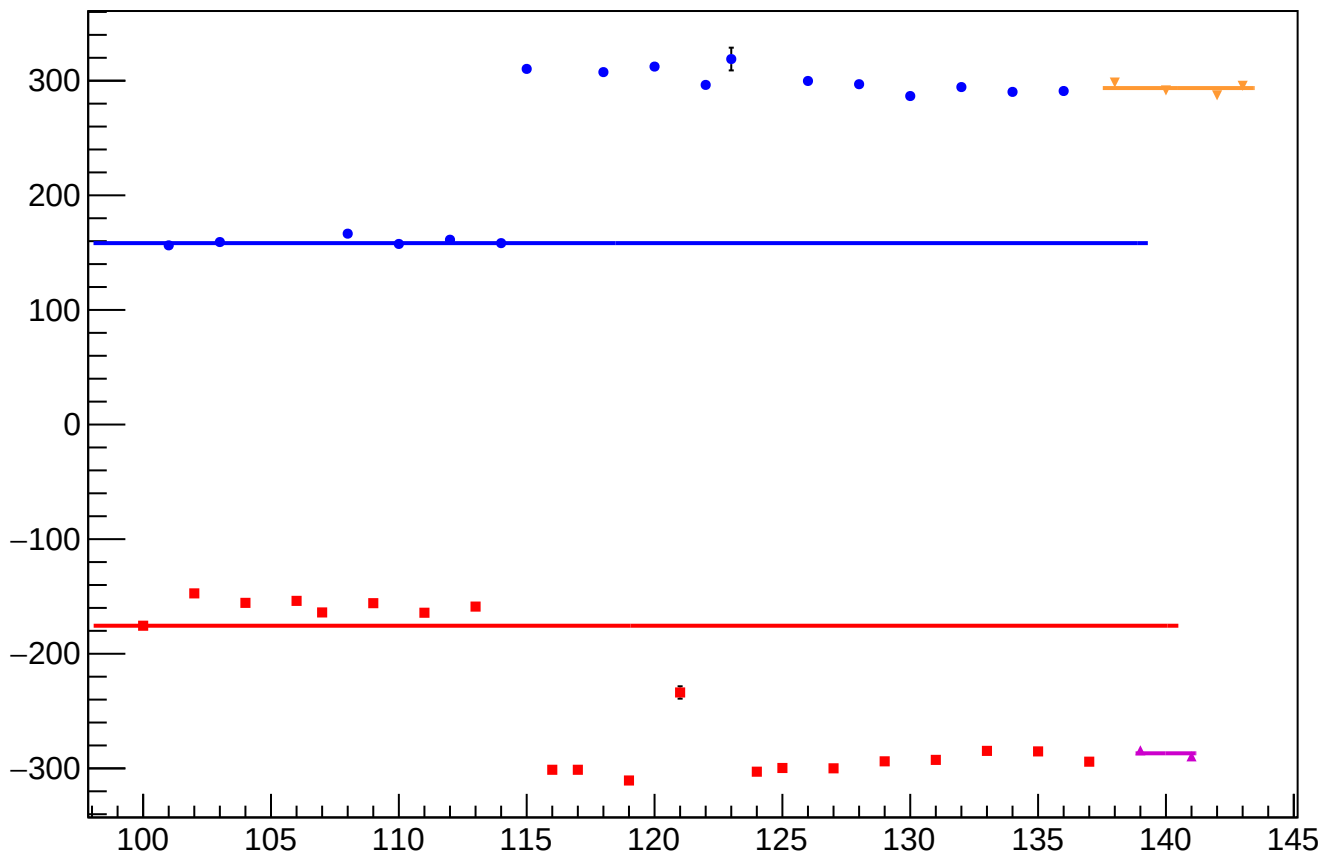
Left In: 23.565 ± 0.062 χ^2/NDF : 61.2/1

4.057 ± 0.000 χ^2/NDF : 1645757.9/20

4.057 ± 0.000 χ^2/NDF : 2376829.6/42

23.007 ± 0.024 χ^2/NDF : 116834.0/21

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

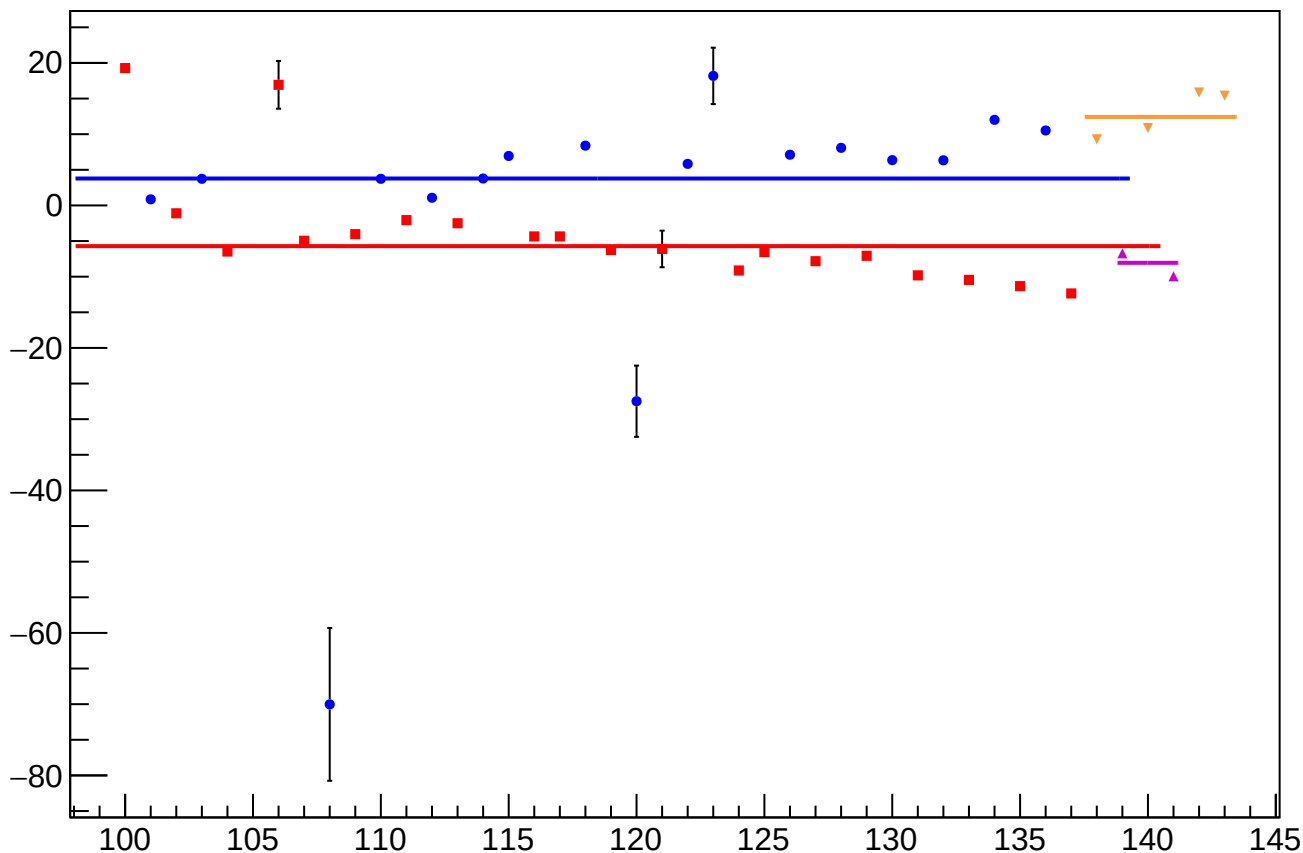
Left In: -286.852+/-0.193 χ^2/NDF :189.1/1

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 : 2466706.3/21

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

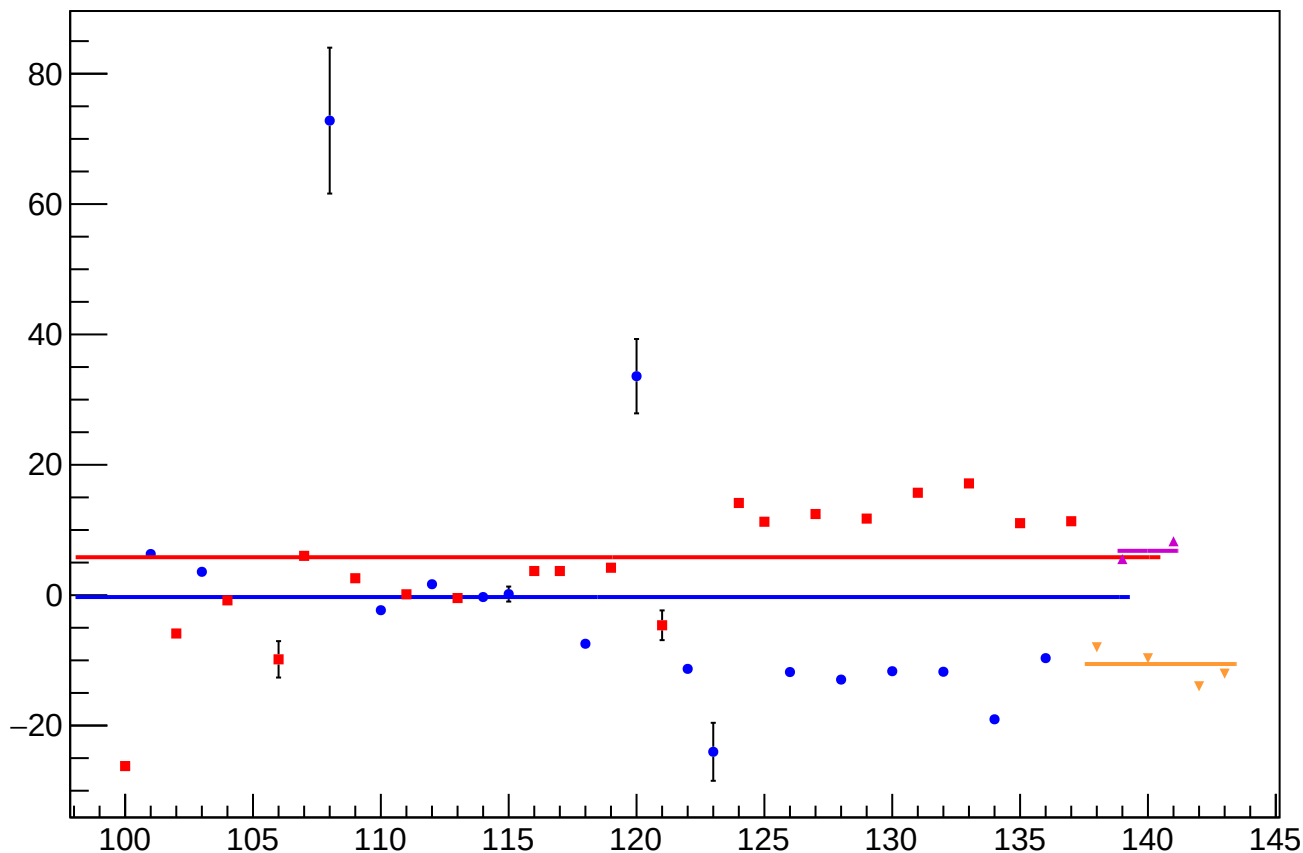
Left In: -8.055+/-0.067 χ^2/NDF : 564.2/1

3.778+/-0.000 χ^2/NDF : 12155.3/20

3.778+/-0.000 χ^2/NDF : 206516.4/42

-6.008+/-0.024 χ^2/NDF : 24020.3/21

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 $\chi^2/\text{NDF}: 63671.7/19$

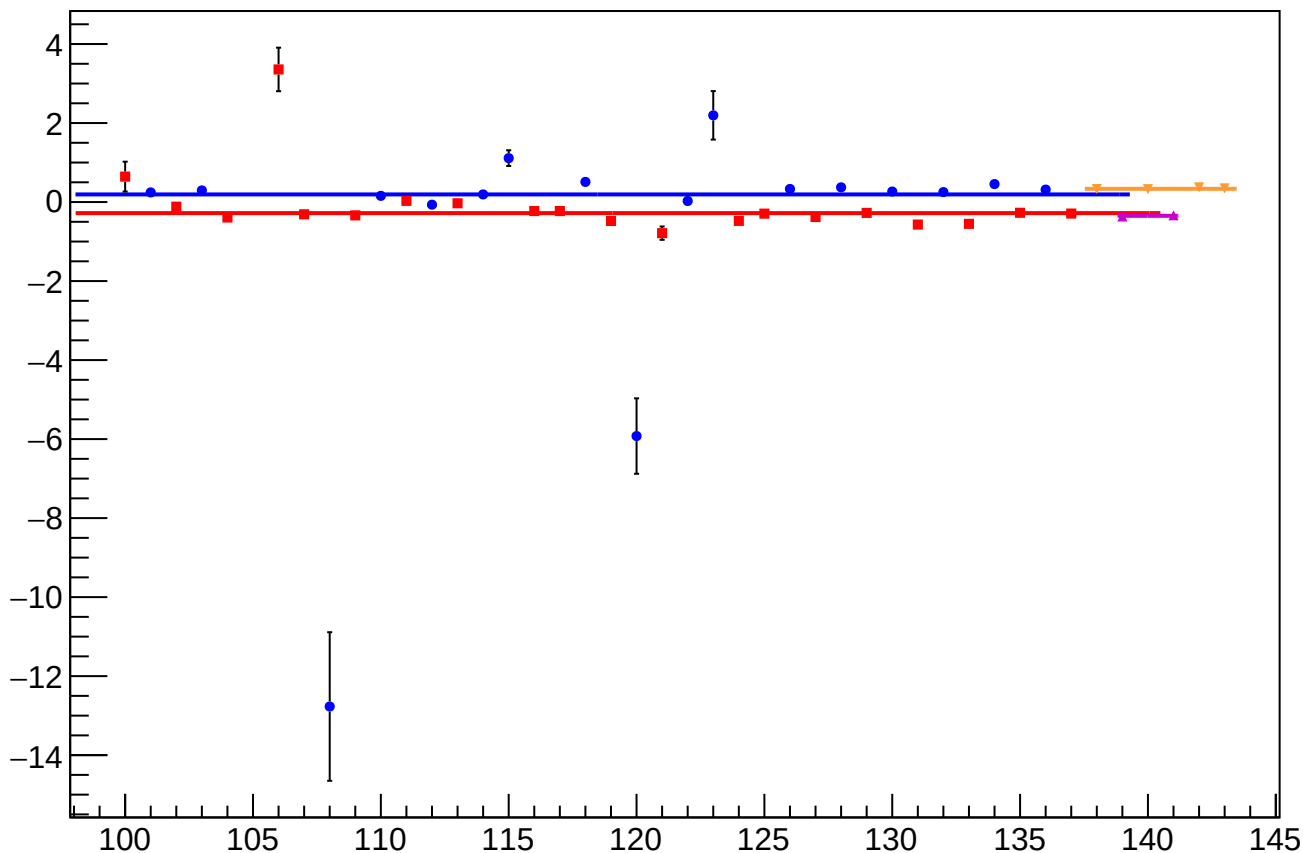
Left In: 6.803 ± 0.072 $\chi^2/\text{NDF}: 356.9/1$

-0.287 ± 0.000 $\chi^2/\text{NDF}: 51308.7/20$

-0.287 ± 0.000 $\chi^2/\text{NDF}: 176880.9/42$

5.941 ± 0.025 $\chi^2/\text{NDF}: 64191.8/21$

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

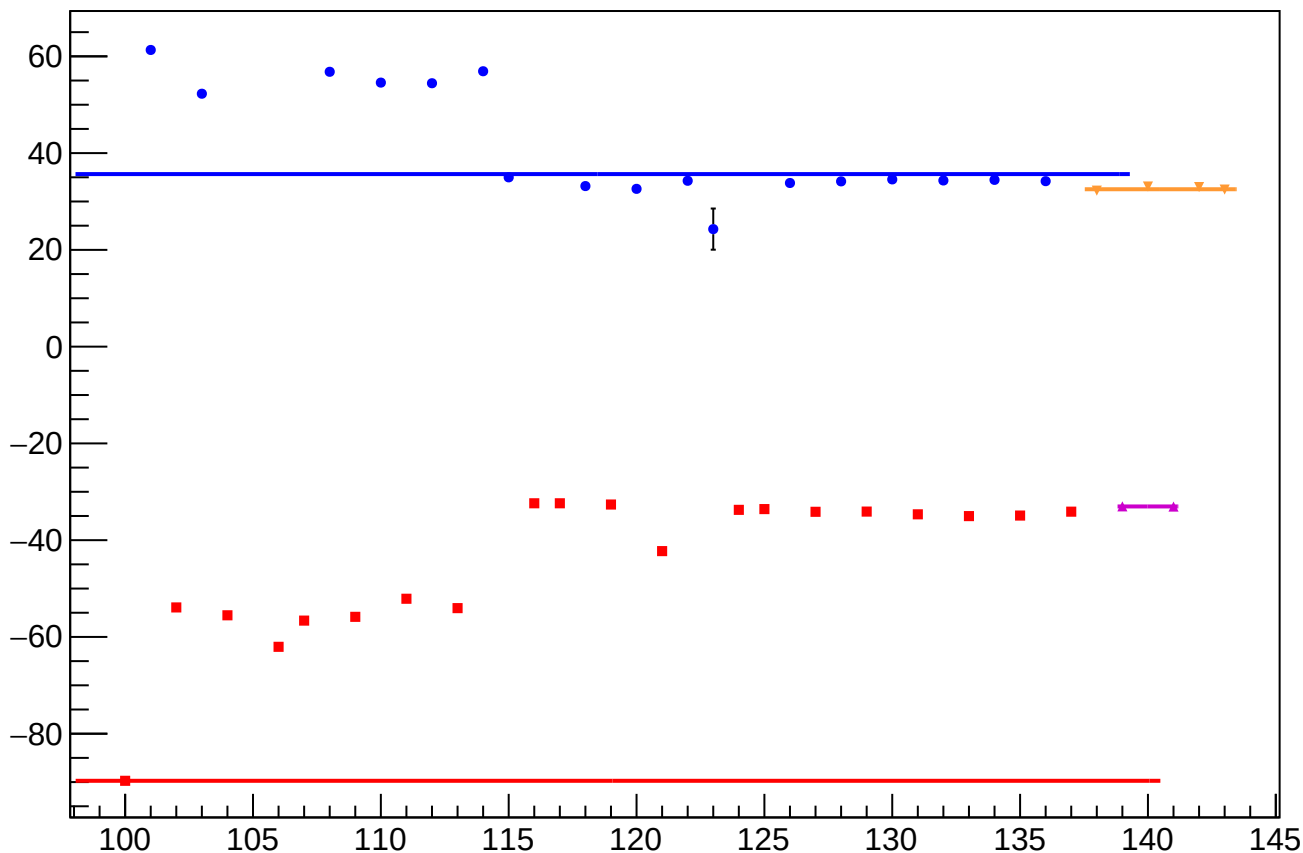
Left In: -0.348+/-0.004 χ^2/NDF : 13.7/1

0.193+/-0.000 χ^2/NDF : 23600.2/20

0.193+/-0.000 χ^2/NDF : 152575.3/42

-0.289+/-0.001 χ^2/NDF : 6354.2/21

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664 ± 0.011 $\chi^2/\text{NDF}: 218662.5/16$

Left Out: 32.532 ± 0.015 $\chi^2/\text{NDF}: 449.6/3$

Right Out: -89.735 ± 0.000 $\chi^2/\text{NDF}: 25816138.7/19$

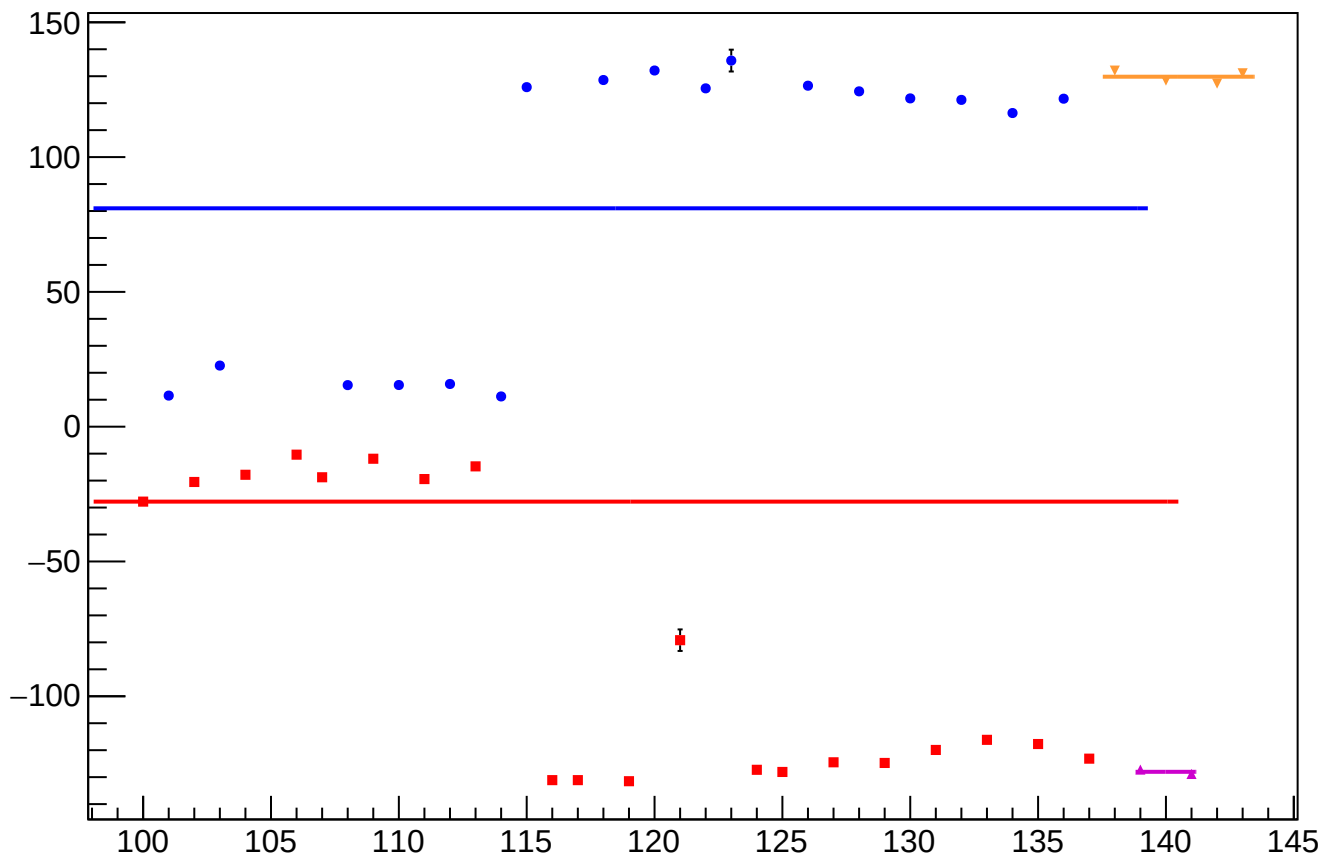
Left In: -33.031 ± 0.021 $\chi^2/\text{NDF}: 1.0/1$

34.497 ± 0.009 $\chi^2/\text{NDF}: 247399.3/20$

-89.735 ± 0.000 $\chi^2/\text{NDF}: 223645660.1/4$

-89.735 ± 0.000 $\chi^2/\text{NDF}: 33033642.0/21$

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

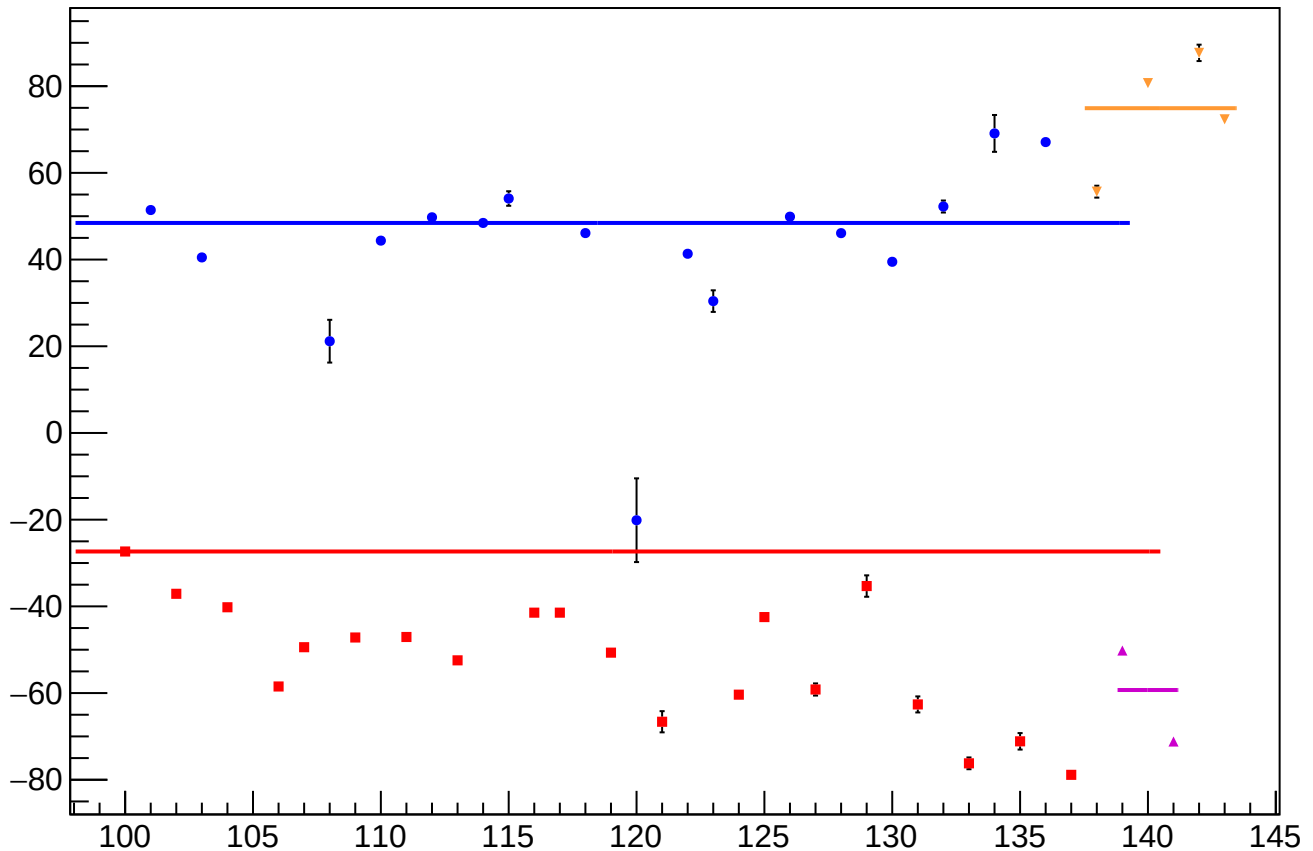
Left In: -128.026+/-0.068 χ^2 /NDF: 143.6/1

103.689+/-0.025 χ^2 /NDF: 3160370.5/20

-27.798+/-0.000 χ^2 /NDF: 41631803.0/42

-27.798+/-0.000 χ^2 /NDF: 11385840.1/21

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450+/-0.000 χ^2/NDF : 2751.4/16

Left Out: 74.919+/-0.485 χ^2/NDF : 314.2/3

Right Out: -27.342+/-0.000 χ^2/NDF : 26331.1/19

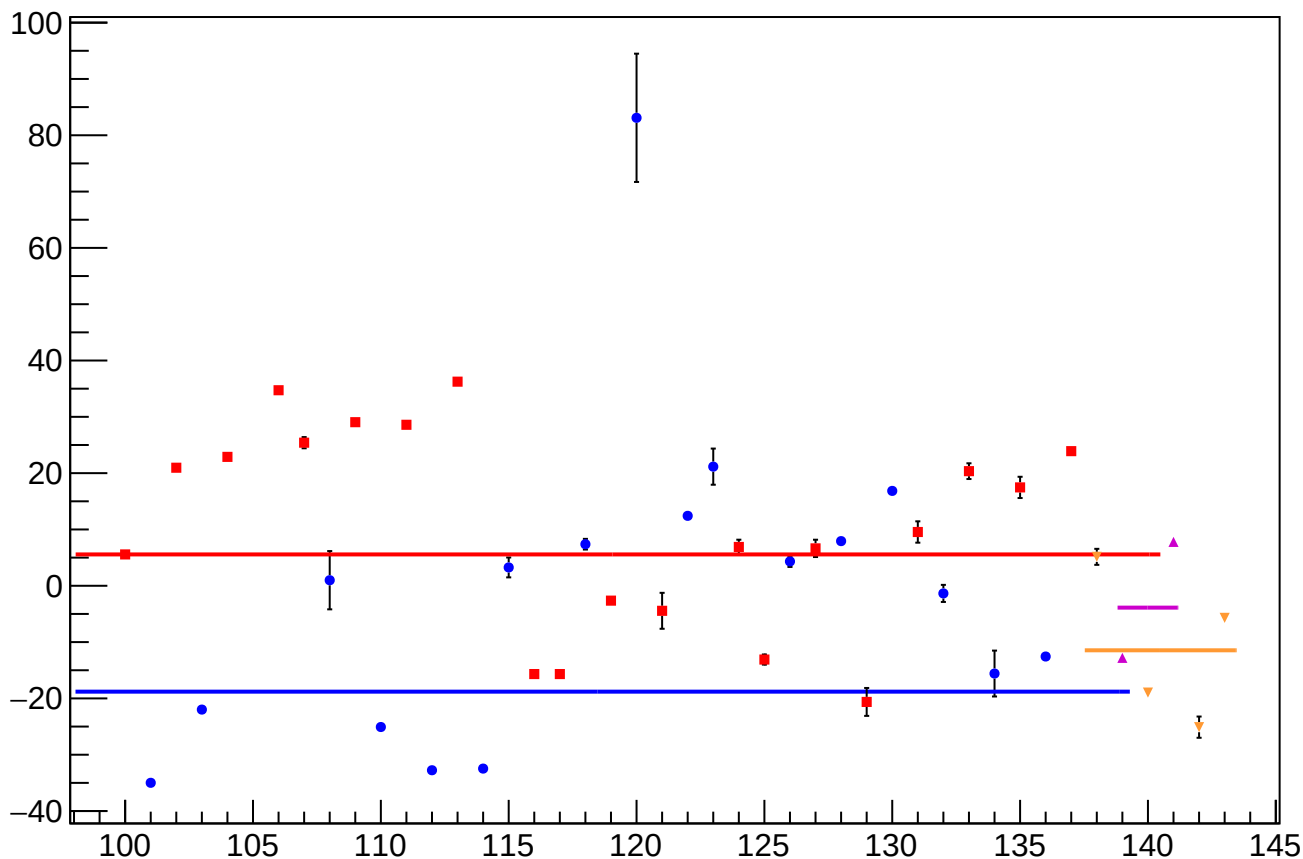
Left In: -59.295+/-0.382 χ^2/NDF : 740.9/1

48.450+/-0.000 χ^2/NDF : 6048.1/20

-23.670+/-0.000 χ^2/NDF : 132325766337

-27.342+/-0.000 χ^2/NDF : 34064.8/21

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

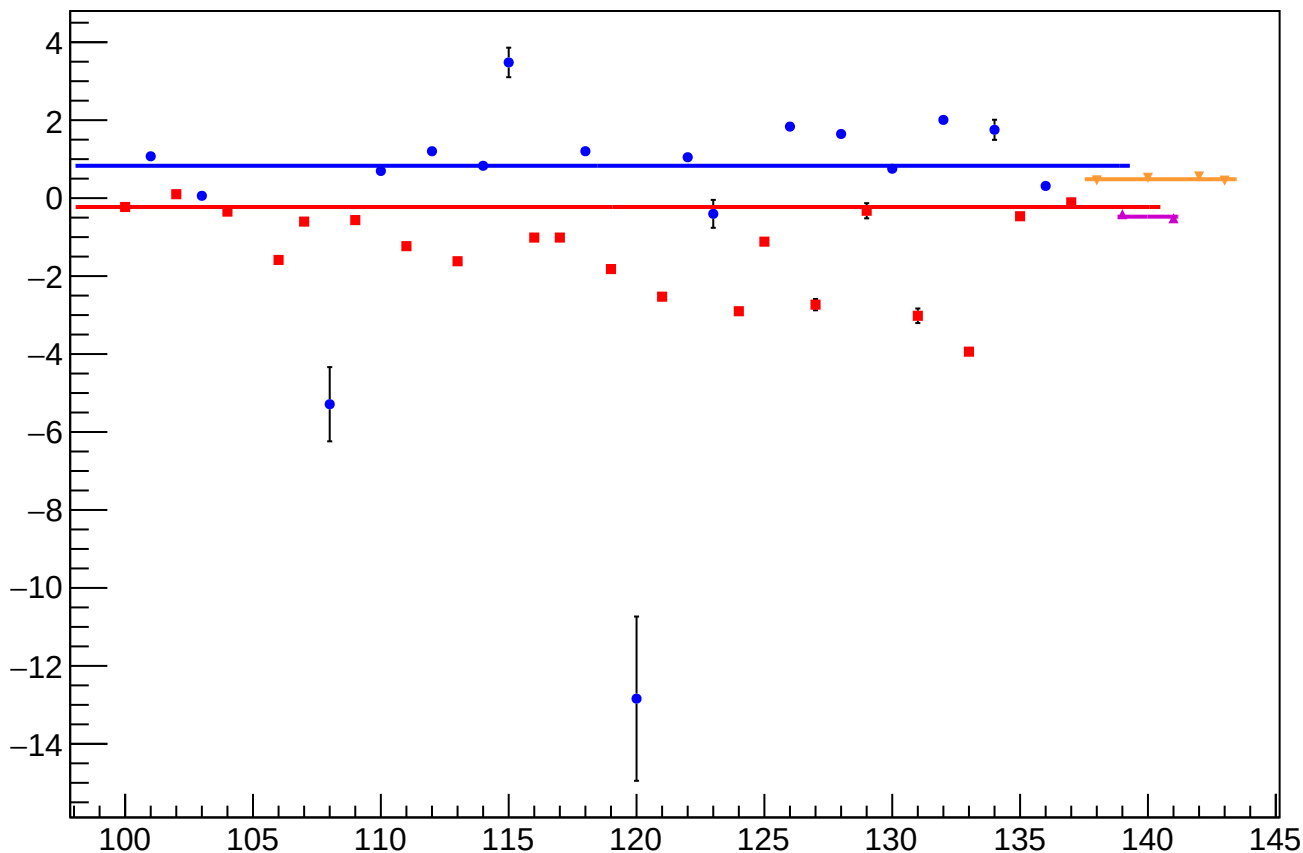
Left In: -3.880 ± 0.372 χ^2/NDF : 753.2/1

-18.174 ± 0.142 χ^2/NDF : 12319.3/20

5.568 ± 0.000 χ^2/NDF : 65742.6/42

5.568 ± 0.000 χ^2/NDF : 25456.3/21

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

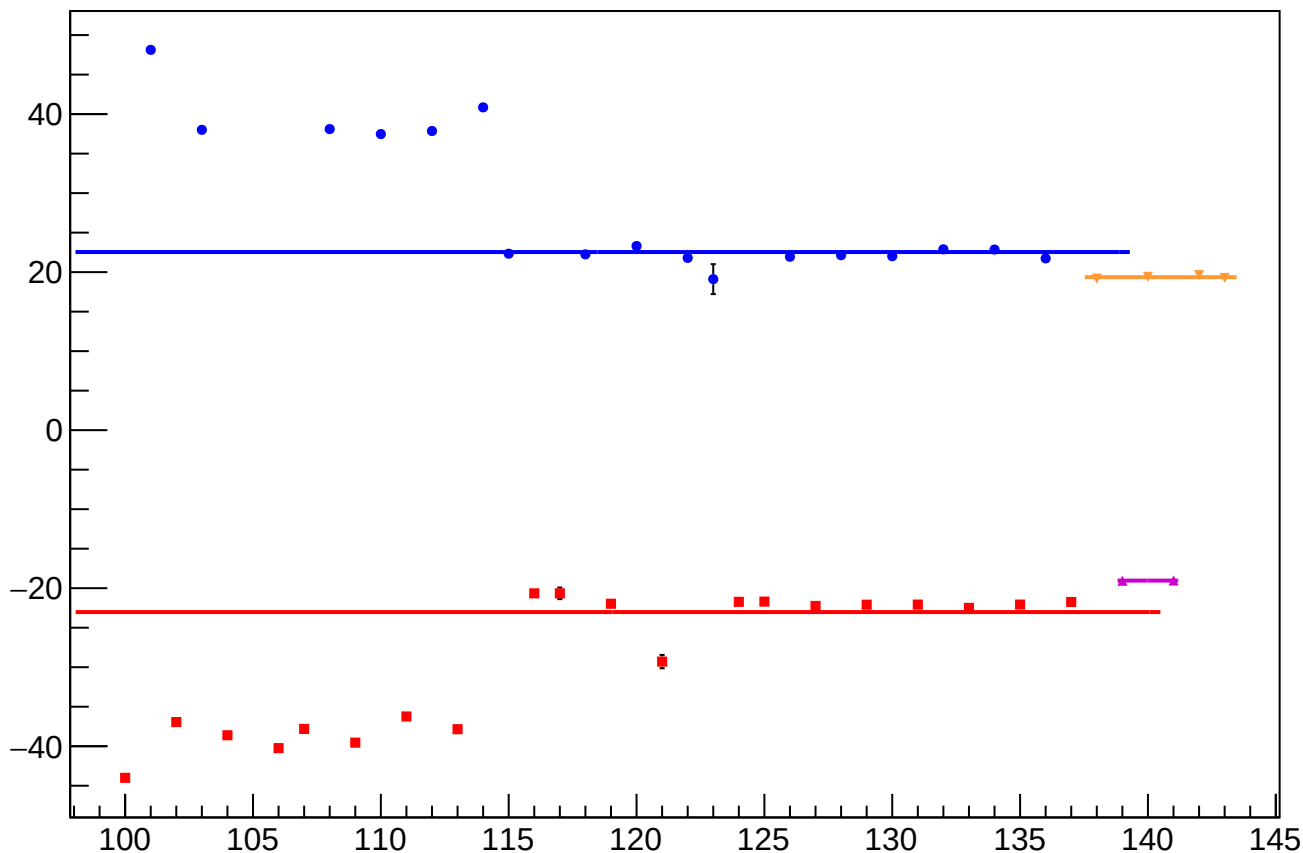
Left In: -0.475 ± 0.003 χ^2/NDF : 241.3/1

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 : 18473.1/21

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

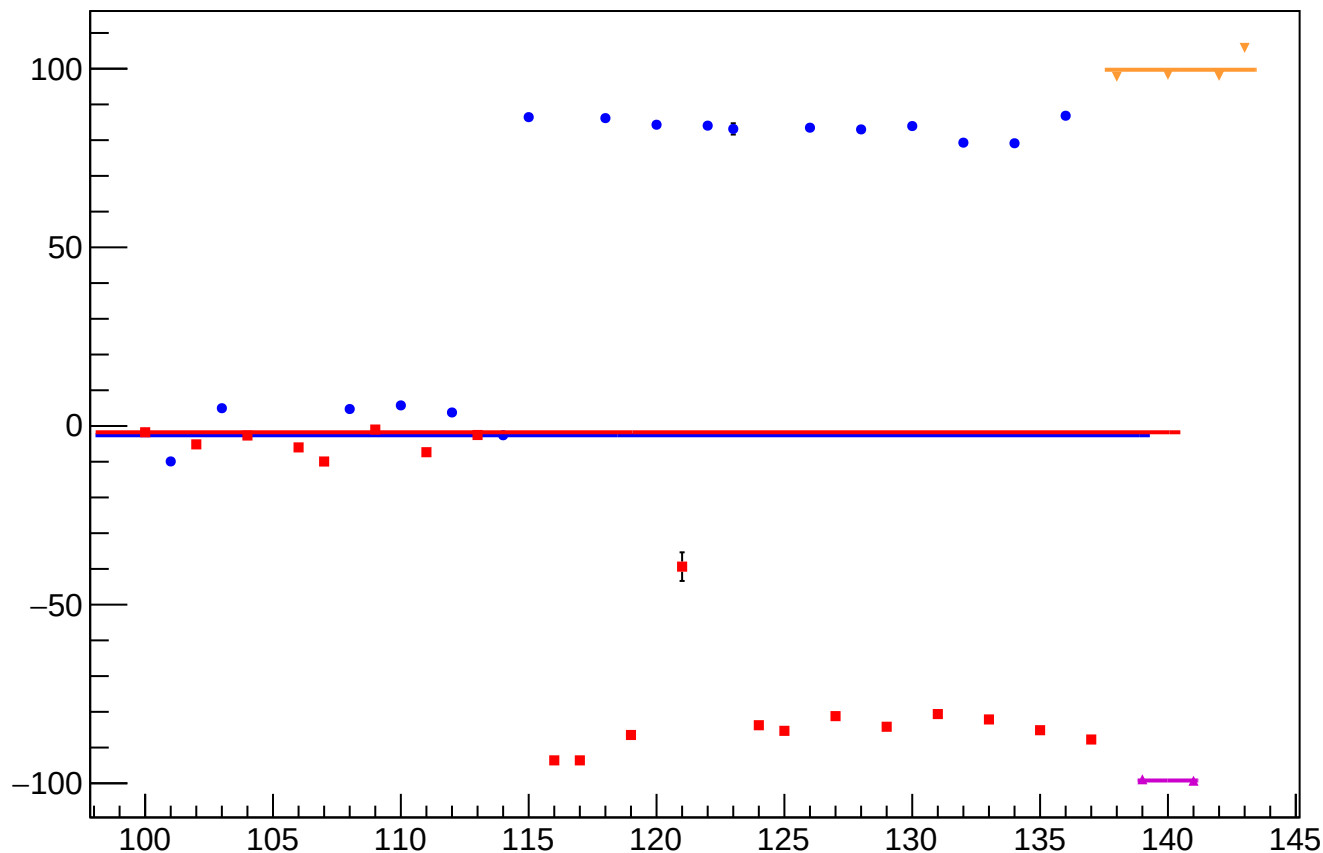
Left In: -19.038 $\pm$ 0.016 χ^2/NDF : 0.9/1

21.414 $\pm$ 0.007 χ^2/NDF : 147064.0/20

0.890 $\pm$ 0.005 χ^2/NDF : 16317872.8/42

-22.088 $\pm$ 0.008 χ^2/NDF : 211343.8/21

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596 ± 0.000 $\chi^2/\text{NDF}: 7395182.7/16$

Left Out: 99.706 ± 0.030 $\chi^2/\text{NDF}: 11203.6/3$

Right Out: -1.758 ± 0.000 $\chi^2/\text{NDF}: 4236707.9/19$

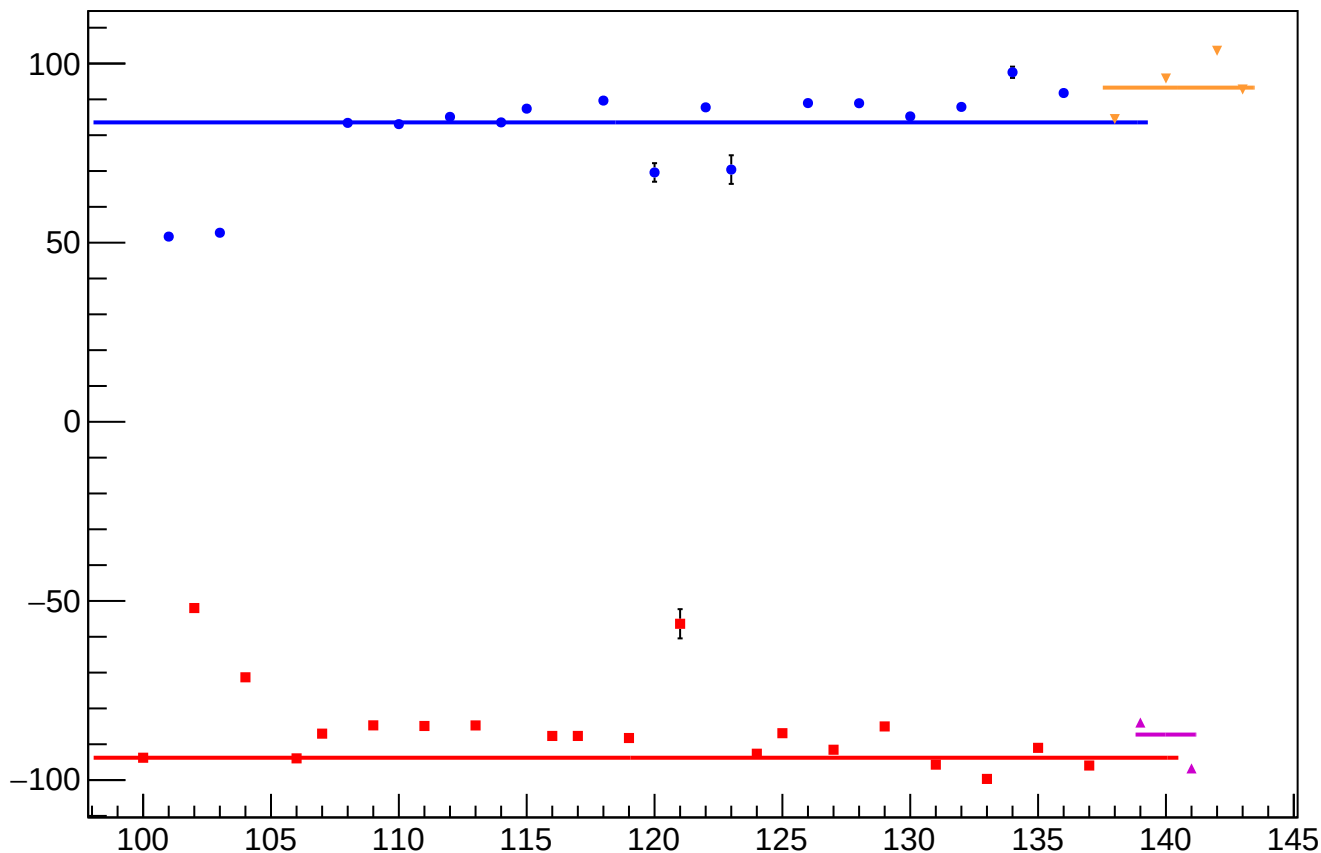
Left In: -99.216 ± 0.031 $\chi^2/\text{NDF}: 19.0/1$

-2.596 ± 0.000 $\chi^2/\text{NDF}: 19012754.6/20$

-2.300 ± 0.000 $\chi^2/\text{NDF}: 1380717163323$

-1.758 ± 0.000 $\chi^2/\text{NDF}: 14157699.0/21$

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 83.573 ± 0.000 χ^2/NDF : 49468.0/16

Left Out: 93.278 ± 0.177 χ^2/NDF : 499.0/3

Right Out: -93.762 ± 0.000 χ^2/NDF : 85273.0/19

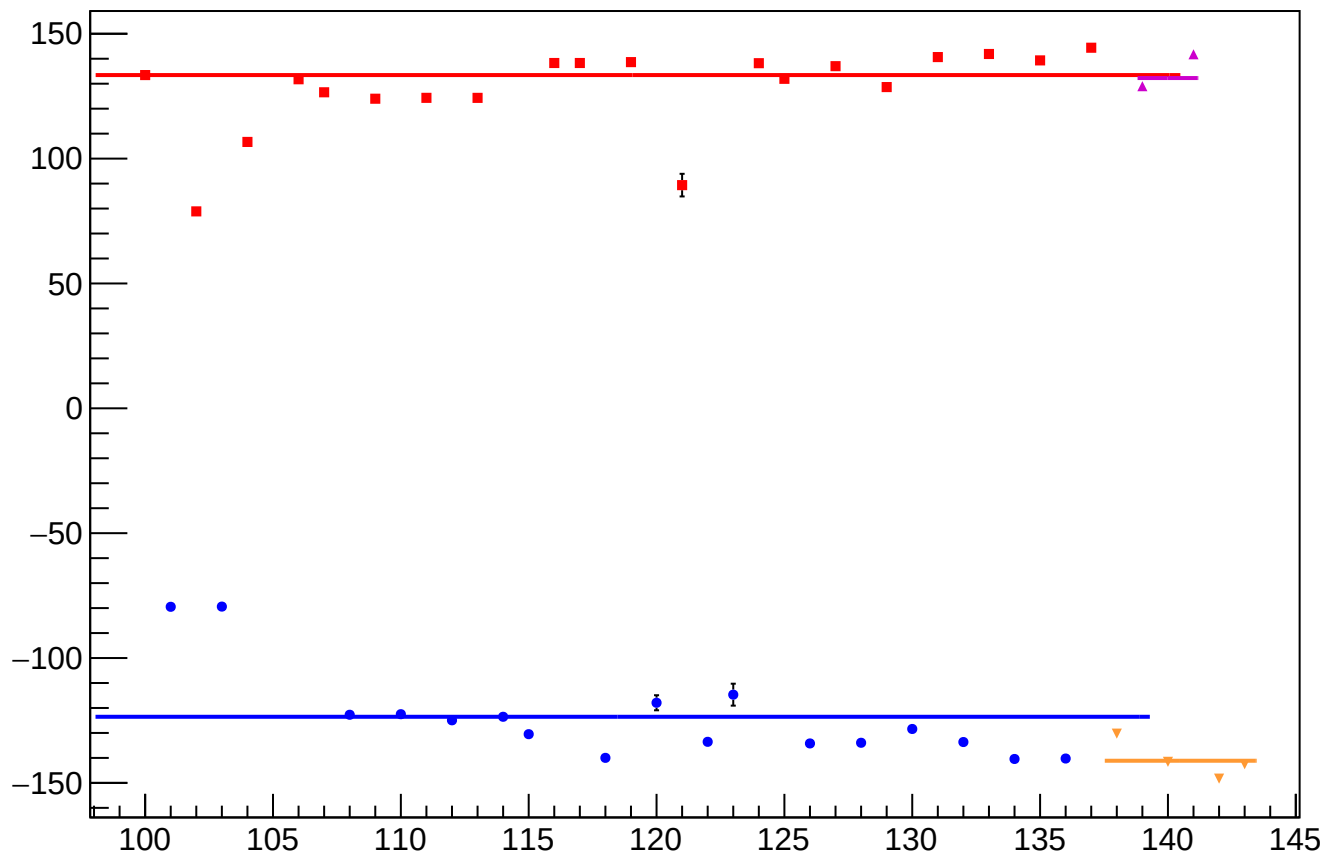
Left In: -87.297 ± 0.158 χ^2/NDF : 1272.6/1

83.573 ± 0.000 χ^2/NDF : 52988.6/20

20.984 ± 0.000 χ^2/NDF : 6045693090189

-93.762 ± 0.000 χ^2/NDF : 88221.9/21

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

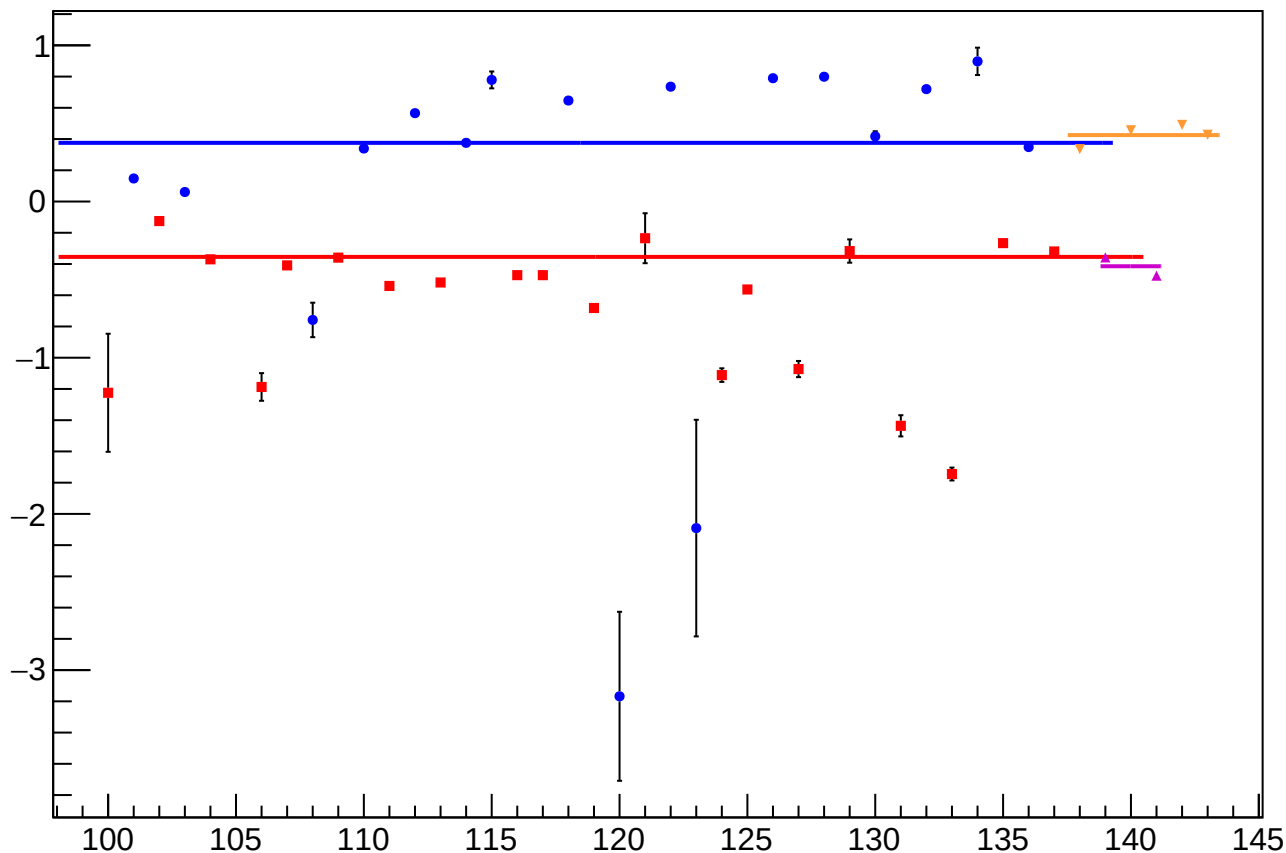
Left In: 132.263 ± 0.152 χ^2/NDF : 1340.9/1

-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 : 397749.5/21

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.425 $\pm$ 0.001 χ^2 /NDF: 635.1/3

Right Out: -0.354 $\pm$ 0.002 χ^2 /NDF: 4618.1/19

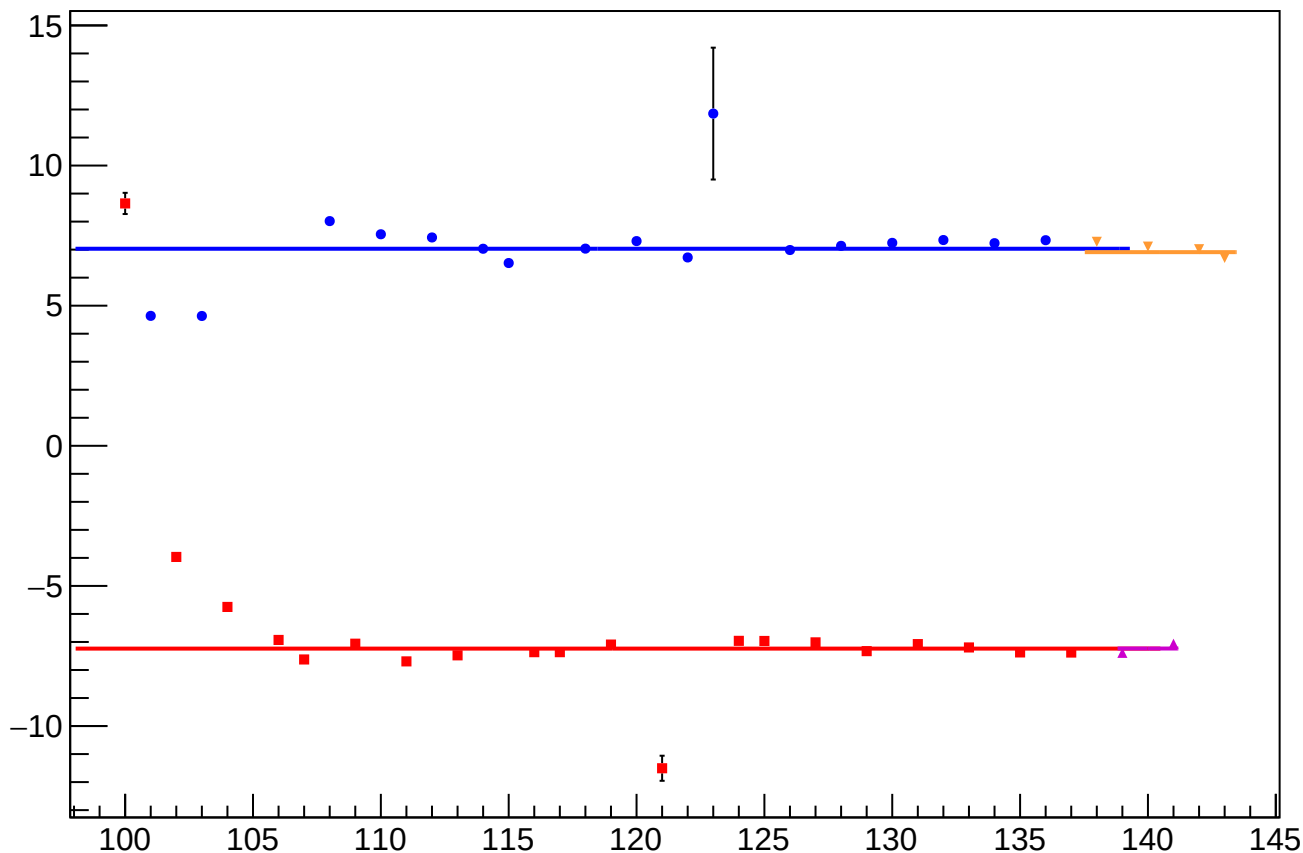
Left In: -0.414 $\pm$ 0.001 χ^2 /NDF: 2455.7/1

0.376 $\pm$ 0.000 χ^2 /NDF: 5835.2/20

0.376 $\pm$ 0.000 χ^2 /NDF: 696416.7/42

-0.392 $\pm$ 0.001 χ^2 /NDF: 8052.3/21

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

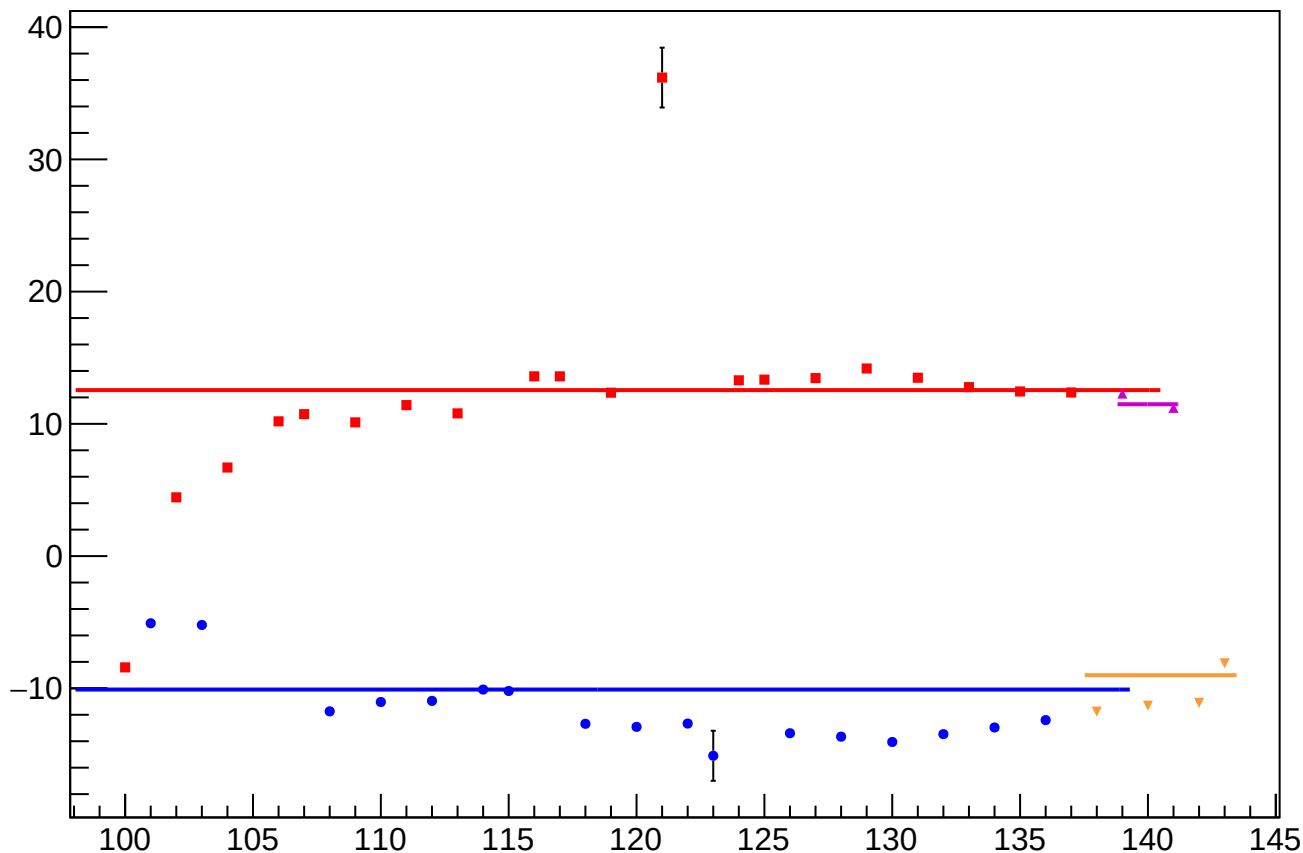
Left In: -7.234 $\pm$ 0.003 χ^2 /NDF: 2658.3/1

7.032 $\pm$ 0.000 χ^2 /NDF: 27991.2/20

7.032 $\pm$ 0.000 χ^2 /NDF: 57483154.1/42

-7.236 $\pm$ 0.002 χ^2 /NDF: 12805.2/21

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

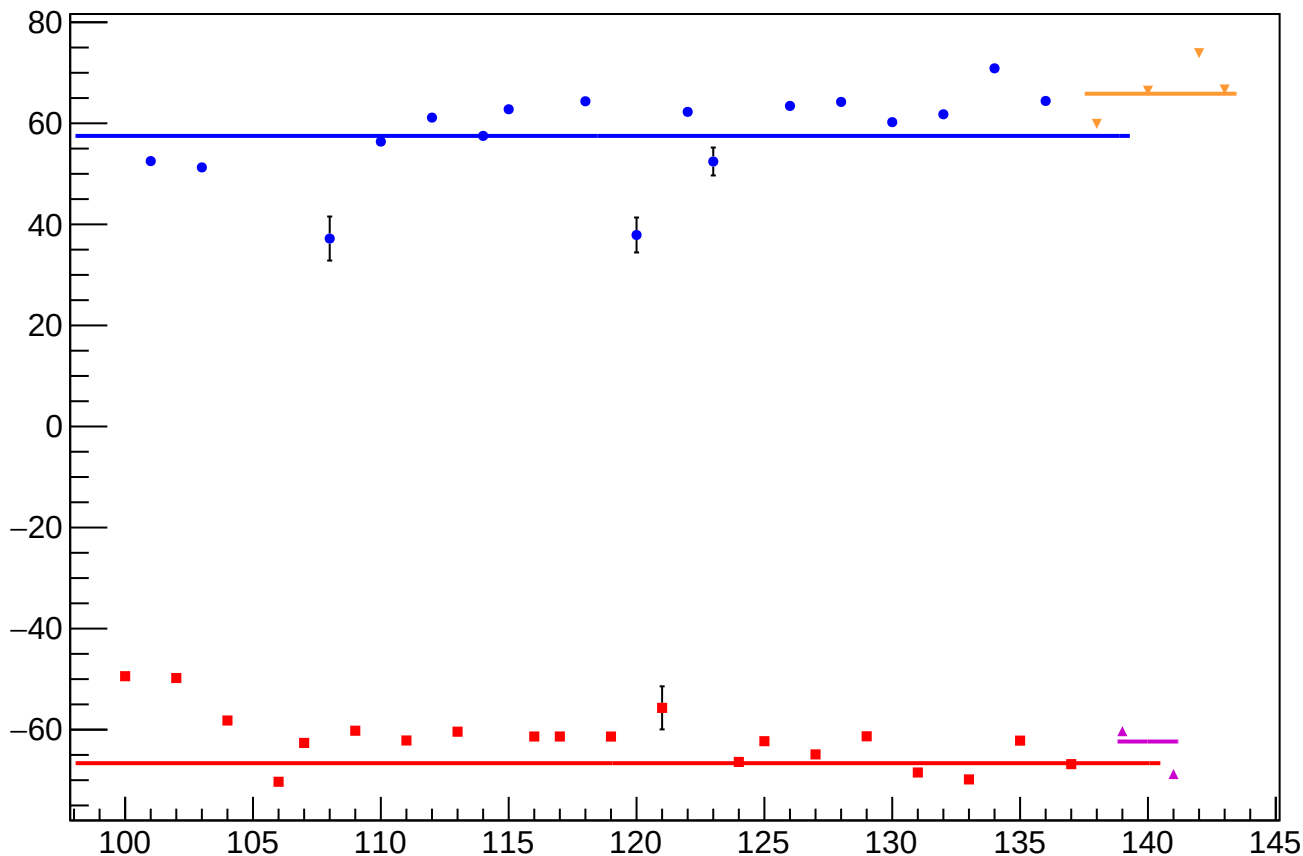
Left In: 11.484 ± 0.008 χ^2/NDF : 3065.5/1

-10.092 ± 0.000 χ^2/NDF : 672035.0/20

-10.092 ± 0.000 χ^2/NDF : 45165322.2/42

12.383 ± 0.003 χ^2/NDF : 123158.8/21

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

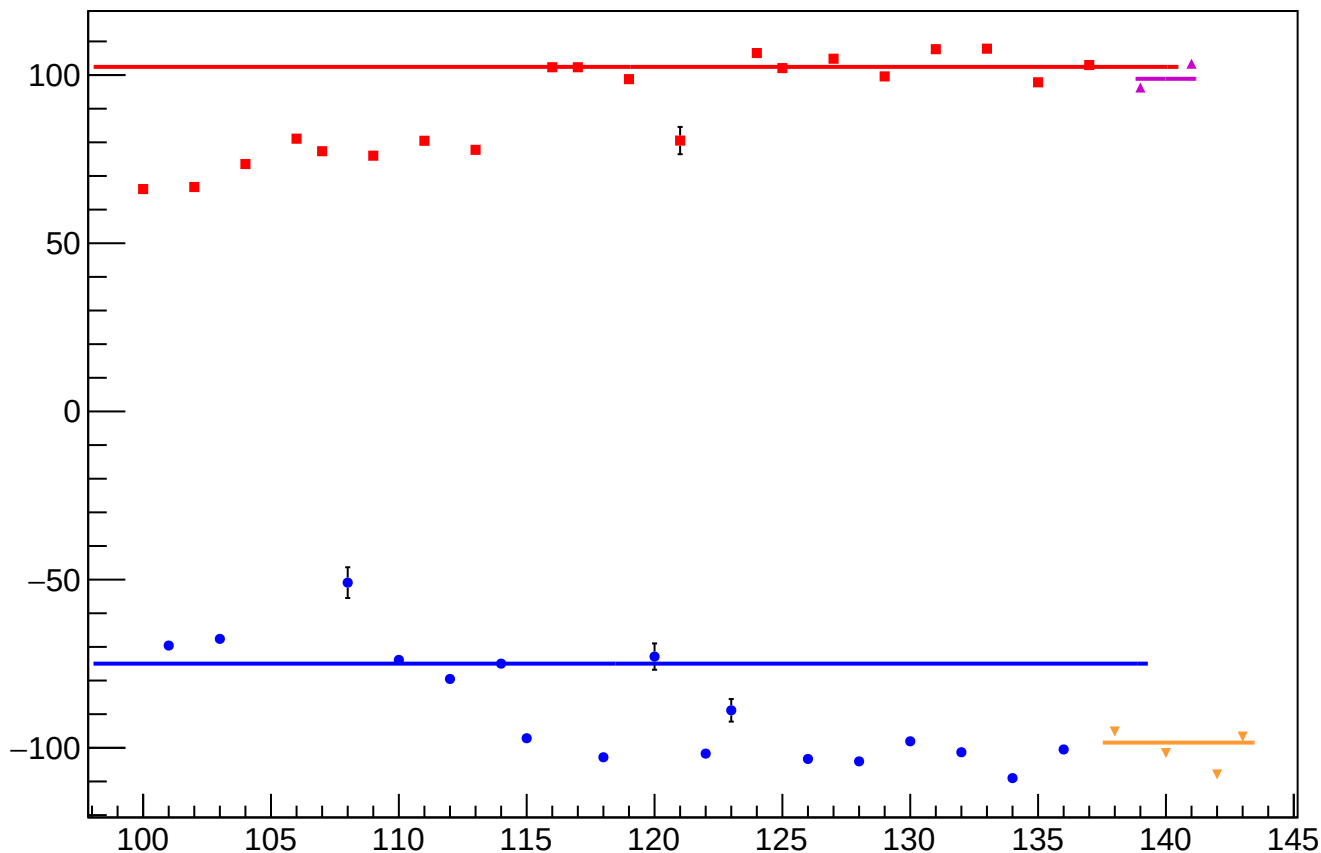
Left In: -62.349 ± 0.103 χ^2/NDF : 1252.2/1

57.510 ± 0.000 χ^2/NDF : 13602.0/20

57.510 ± 0.000 χ^2/NDF : 91722752.5/42

-66.566 ± 0.013 χ^2/NDF : 11452.9/21

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -74.974+/-0.000 χ^2/NDF : 130544.0/16

Left Out: -98.450+/-0.121 χ^2/NDF : 768.8/3

Right Out: 102.430+/-0.018 χ^2/NDF : 50377.6/19

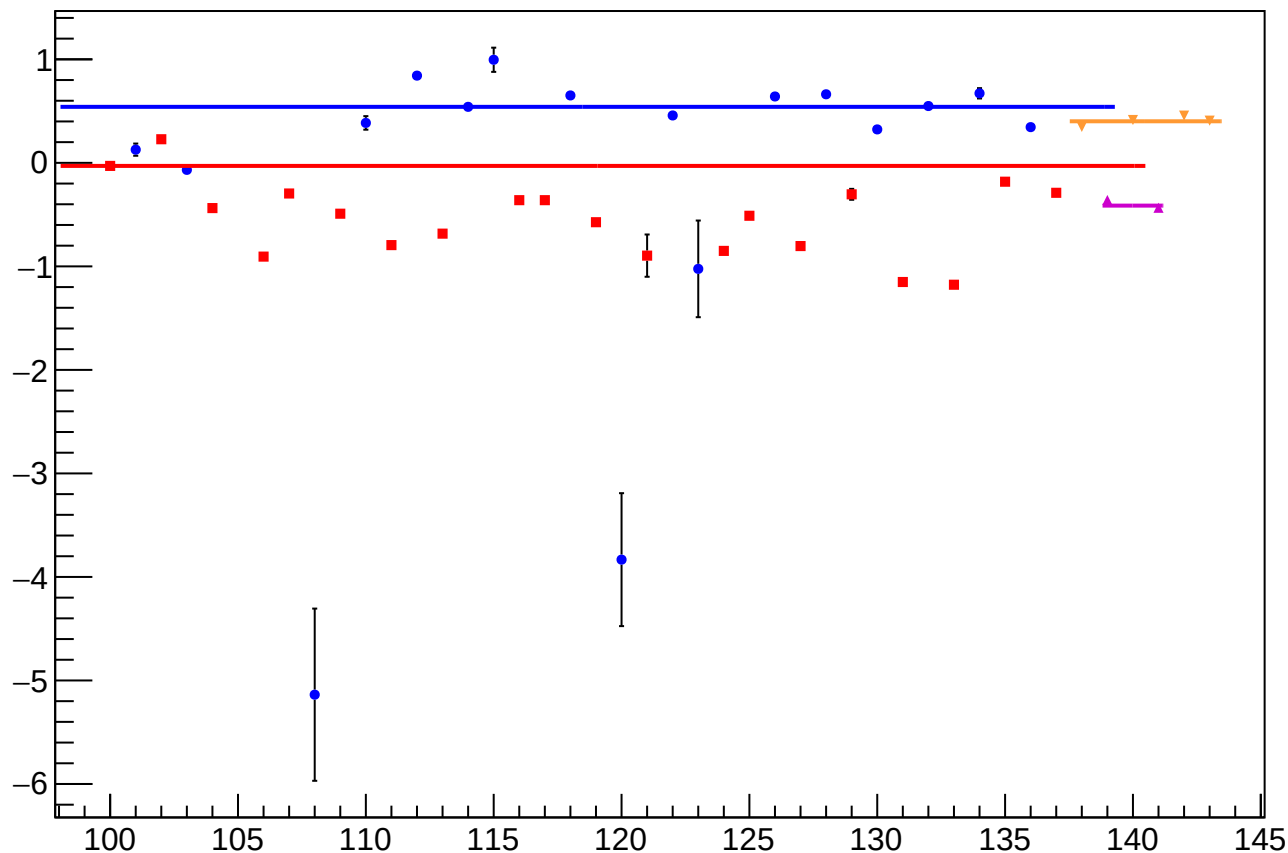
Left In: 98.886+/-0.123 χ^2/NDF : 767.3/1

-74.974+/-0.000 χ^2/NDF : 168808.7/20

-74.974+/-0.000 χ^2/NDF : 101718898.9/4

102.357+/-0.018 χ^2/NDF : 51956.8/21

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

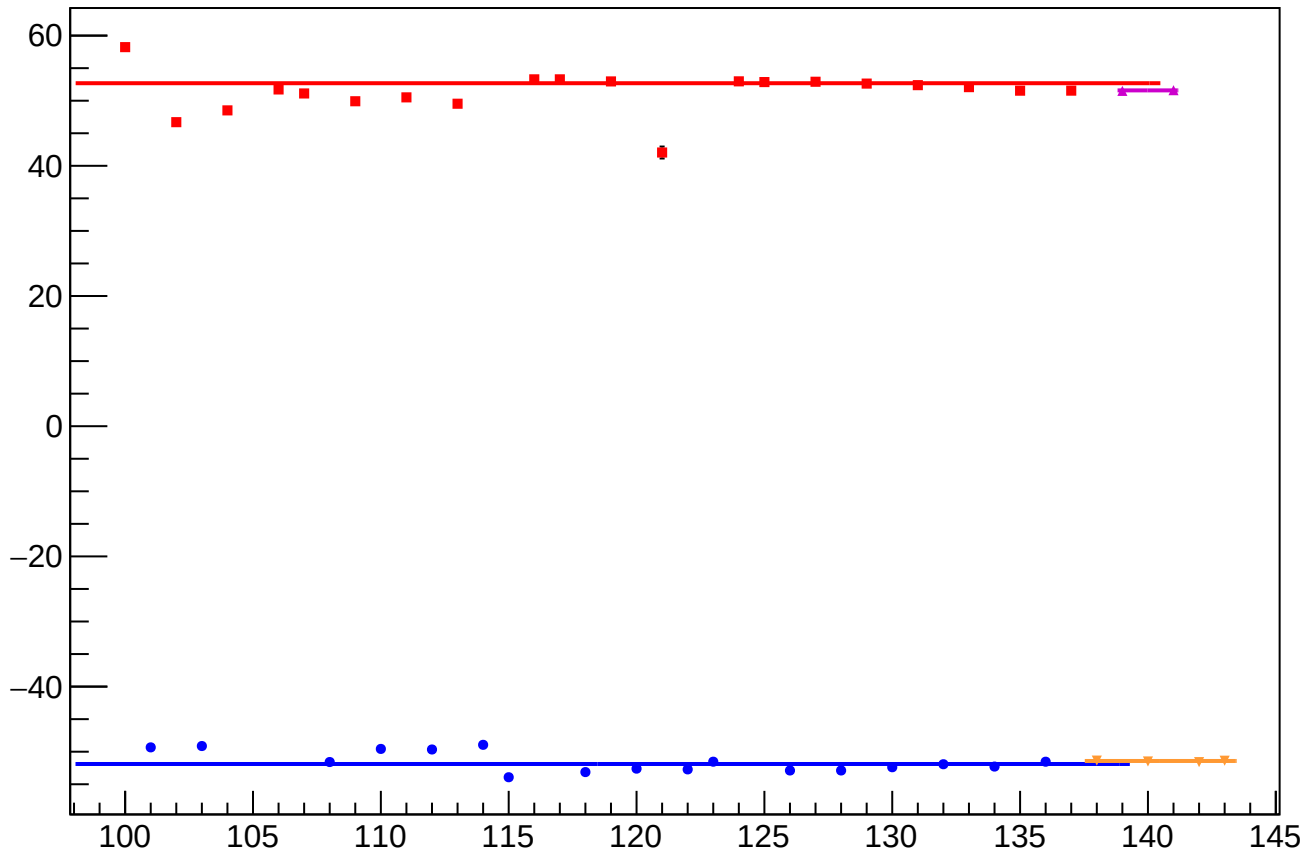
Left In: -0.413 ± 0.001 χ^2/NDF : 983.8/1

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 : 250934.1/21

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -51.888 ± 0.002 $\chi^2/\text{NDF}: 77585.2/16$

Left Out: -51.424 ± 0.004 $\chi^2/\text{NDF}: 356.0/3$

Right Out: 52.688 ± 0.003 $\chi^2/\text{NDF}: 56462.4/19$

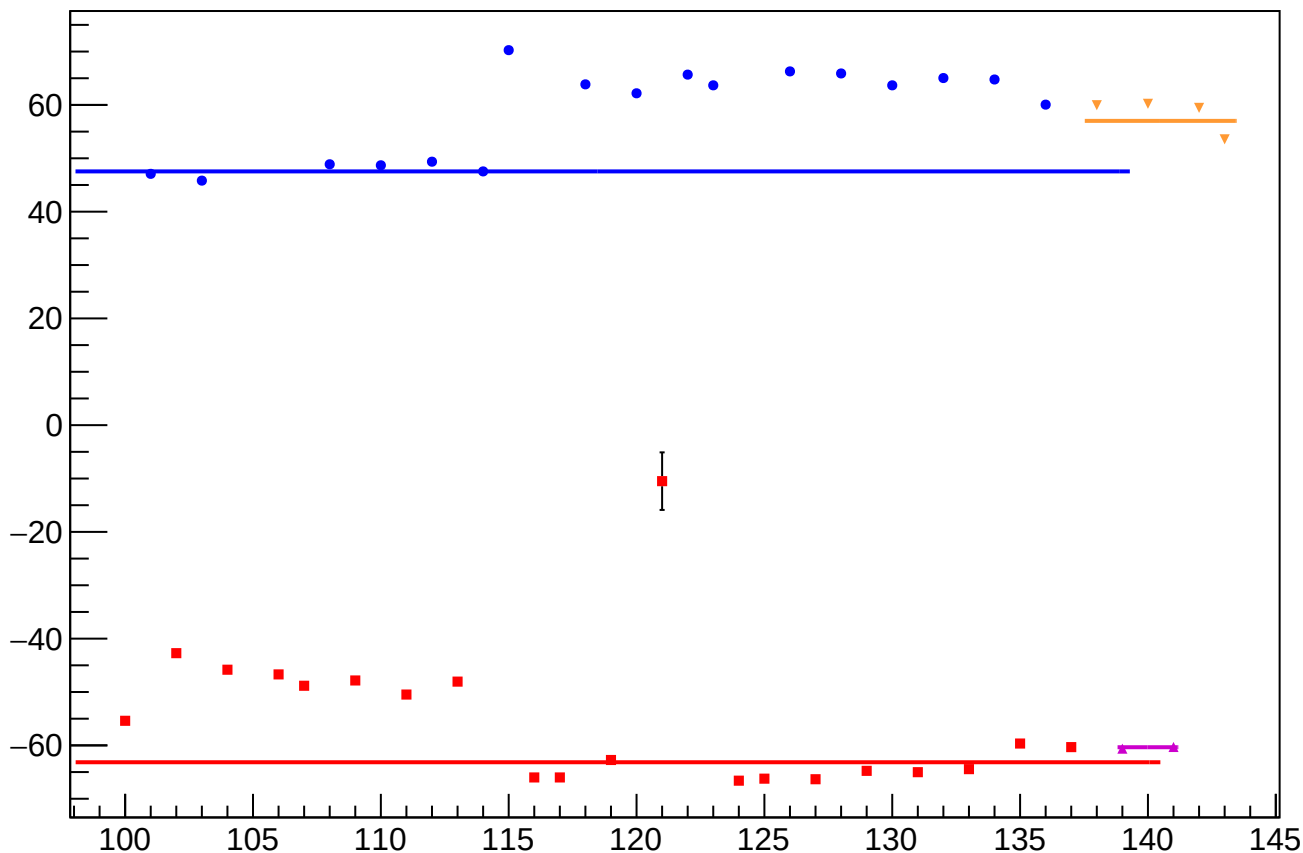
Left In: 51.586 ± 0.004 $\chi^2/\text{NDF}: 152.3/1$

-51.792 ± 0.002 $\chi^2/\text{NDF}: 86867.7/20$

-3.545 ± 0.001 $\chi^2/\text{NDF}: 1275472189.7/42$

52.358 ± 0.002 $\chi^2/\text{NDF}: 112327.6/21$

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

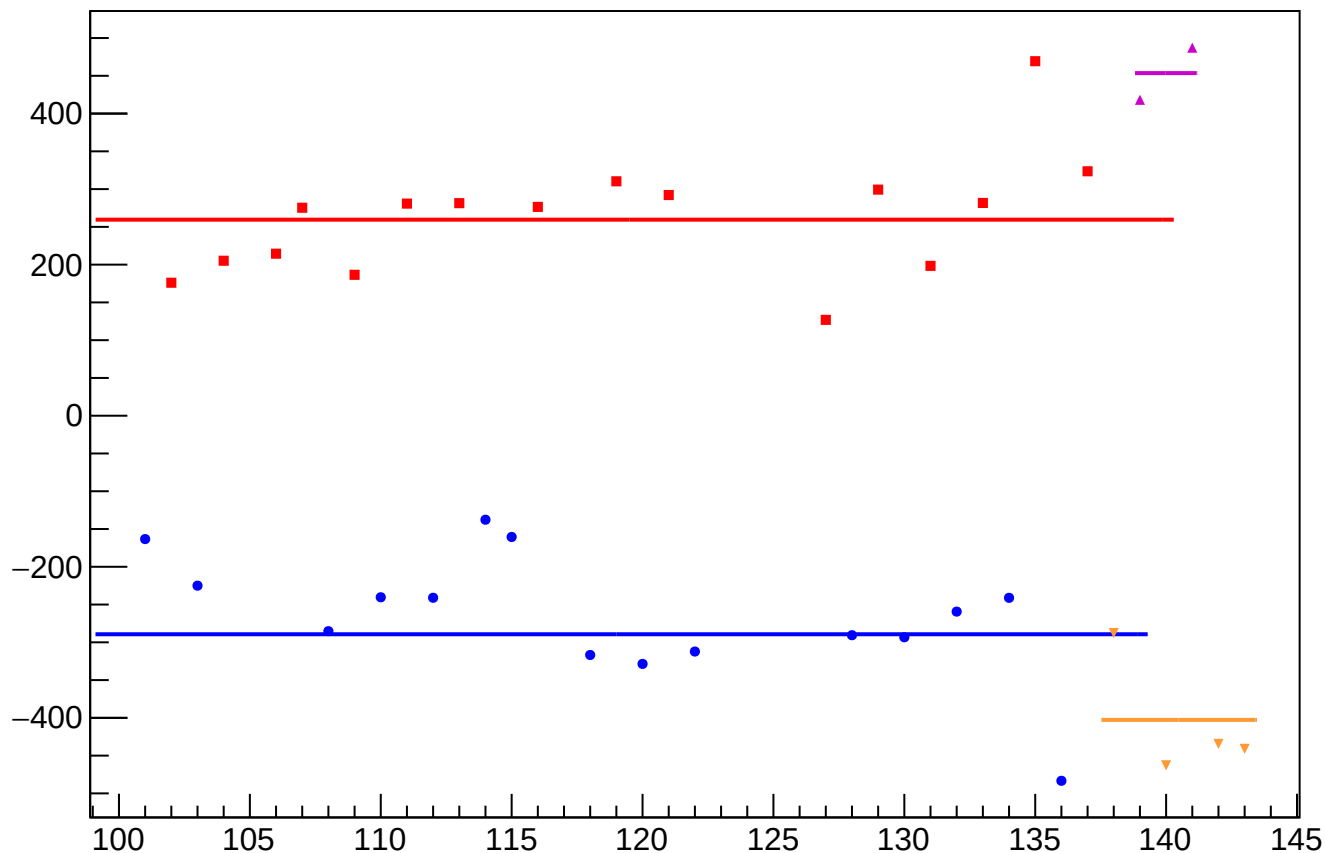
Left In: -60.346+/-0.023 χ^2/NDF : 23.9/1

47.545+/-0.000 χ^2/NDF : 5011028.7/20

47.545+/-0.000 χ^2/NDF : 251905056.7/42

-62.897+/-0.007 χ^2/NDF : 350680.4/21

dit_4aX_coil1_mean vs Slug, Sign Corrected



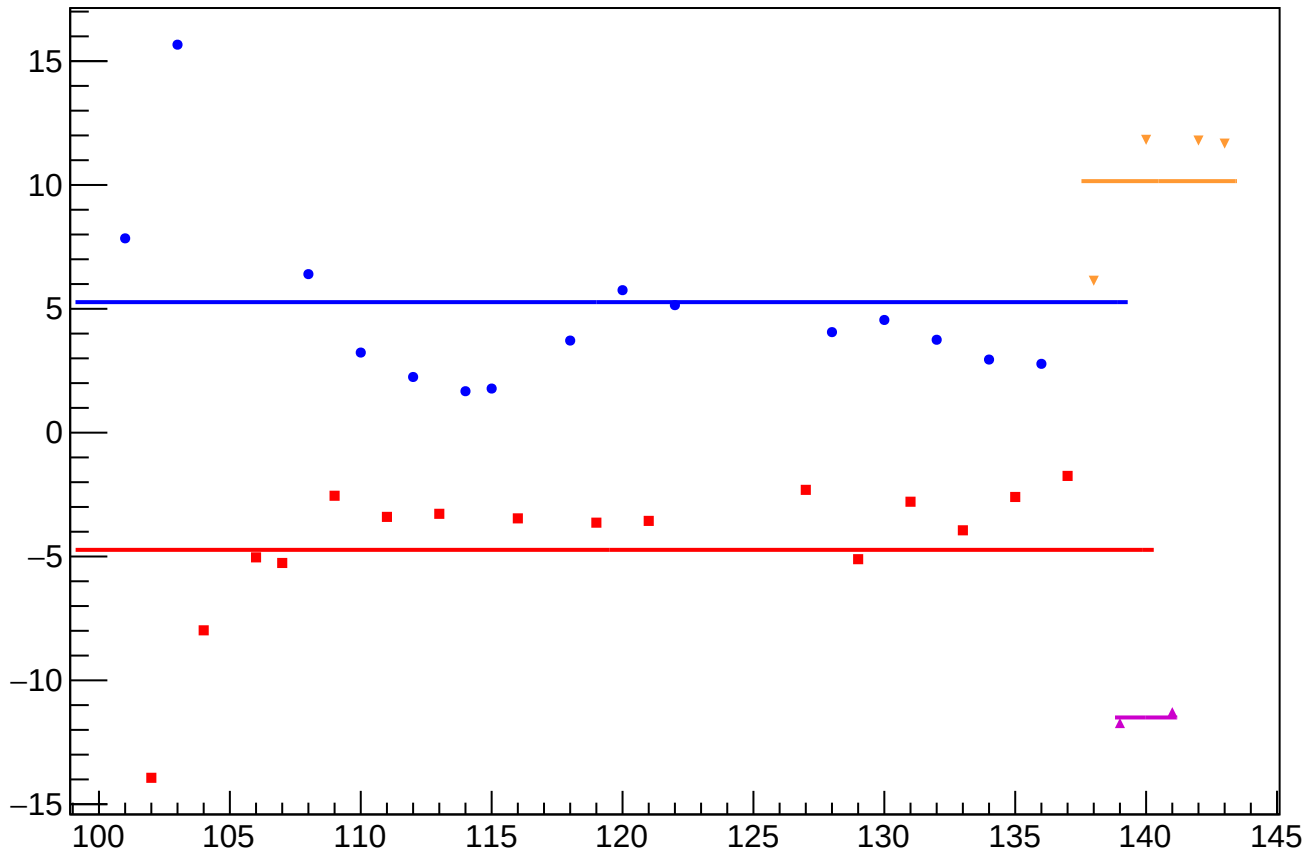
Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -402.677+/-0.000 χ^2/NDF : 1472818314619278679848426421927018496.0/3

Right Out: 259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

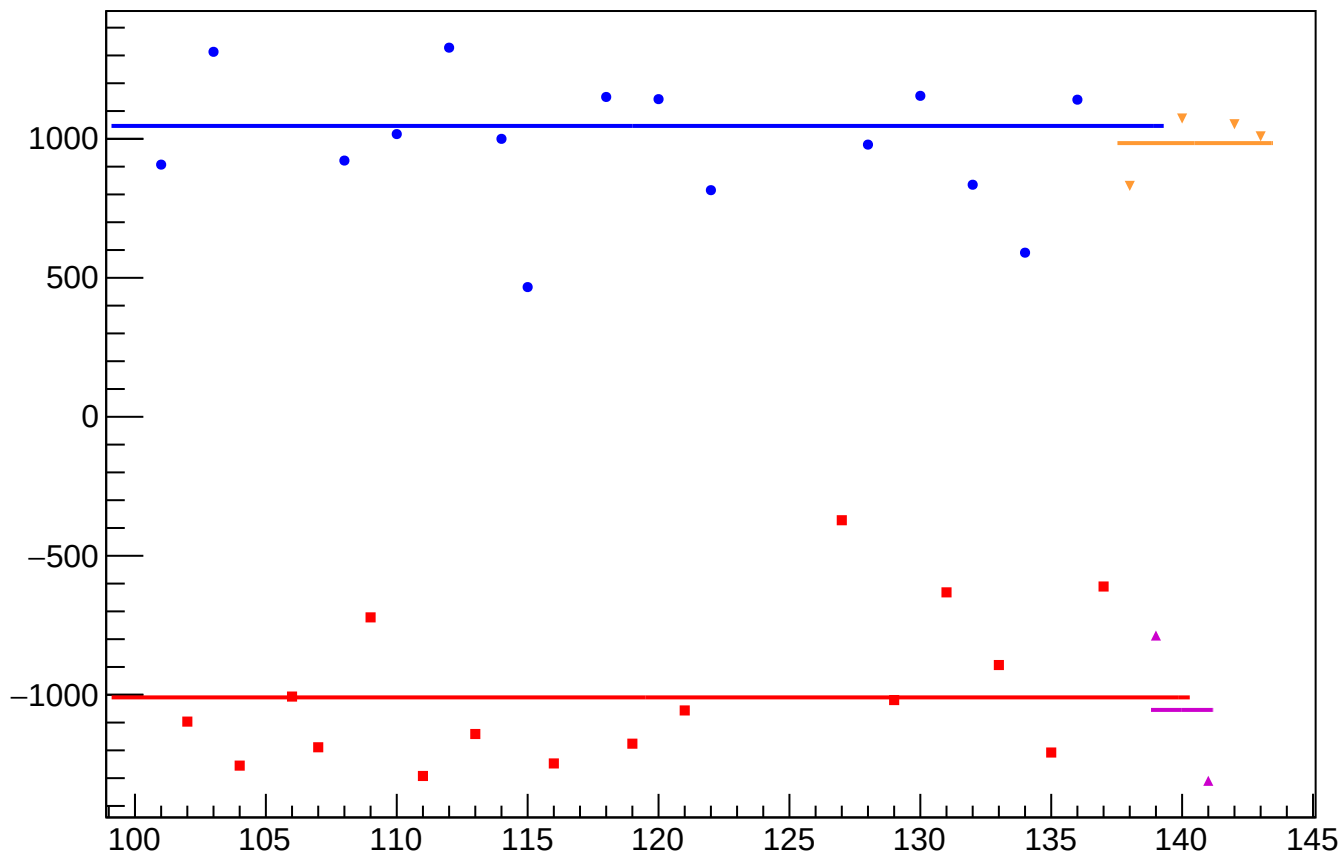
Left In: 453.574+/-0.000 χ^2/NDF : 197437315405256528052980129730658304.0/1

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: -11.499 +/- 0.000 χ^2/NDF : 8062436197017478967078502268928.0/1

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



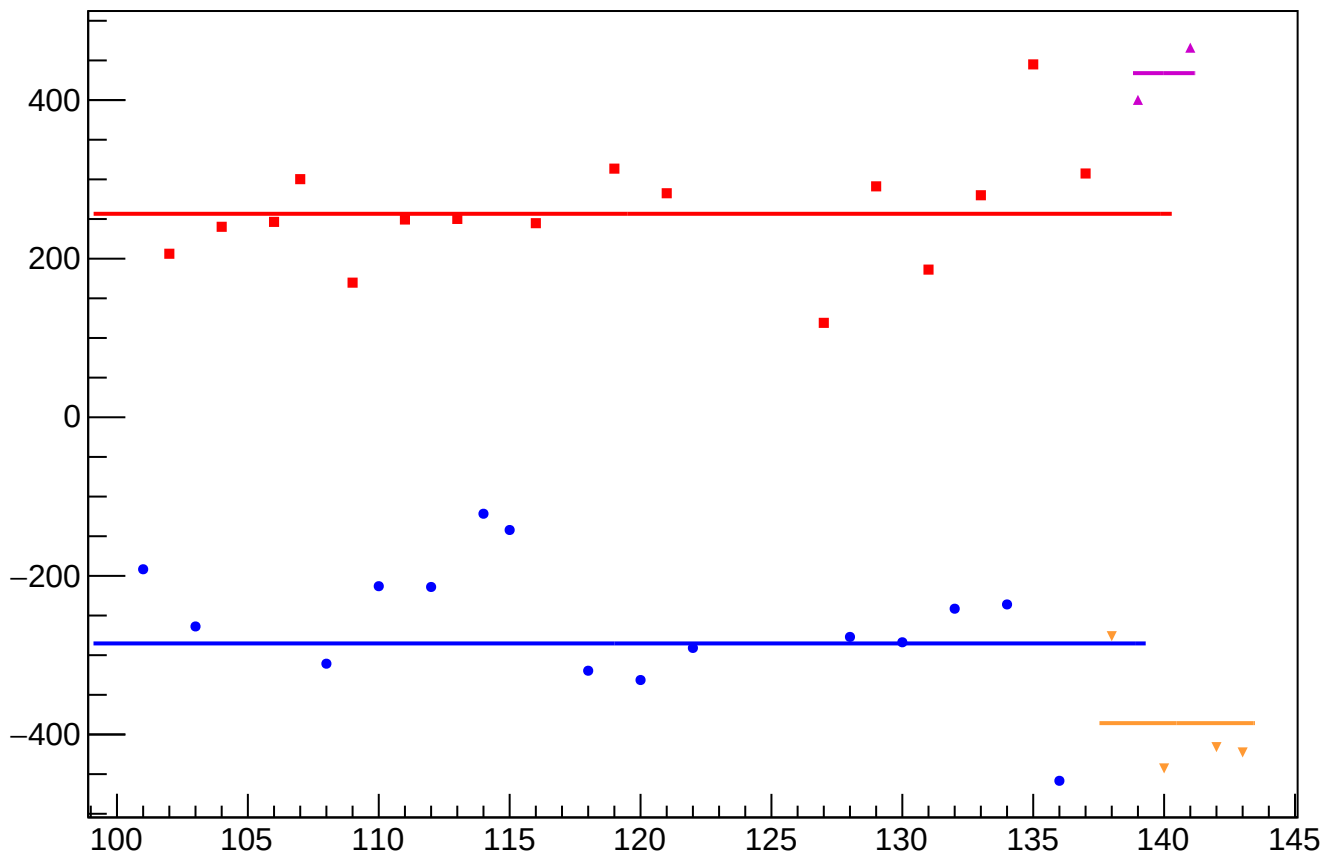
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

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: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_4eX_coil1_mean vs Slug, Sign Corrected



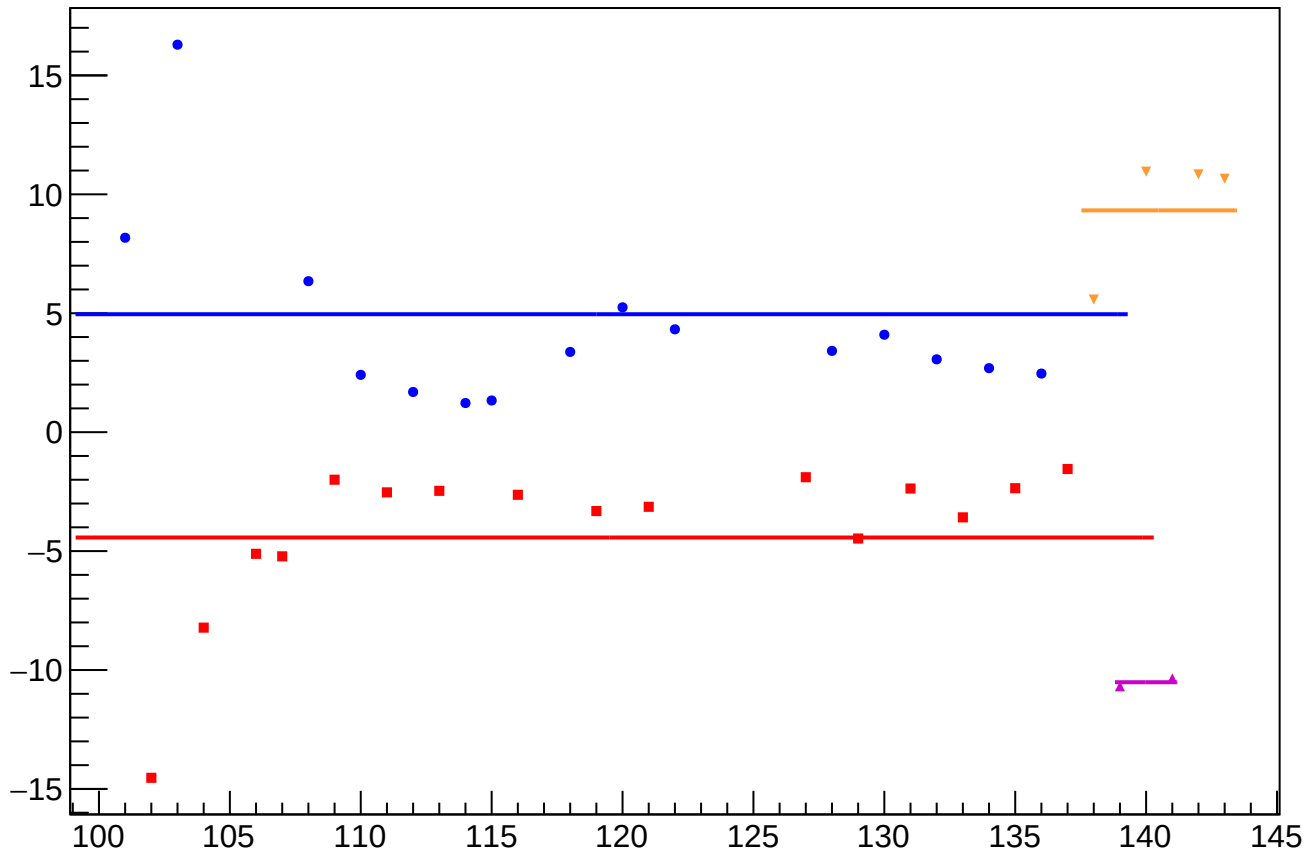
Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -385.694+/-0.000 χ^2/NDF : 1338300286478112678860628555282251776.0/3

Right Out: 256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

Left In: 433.971+/-0.000 χ^2/NDF : 179665148104058376631691488788480000.0/1

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



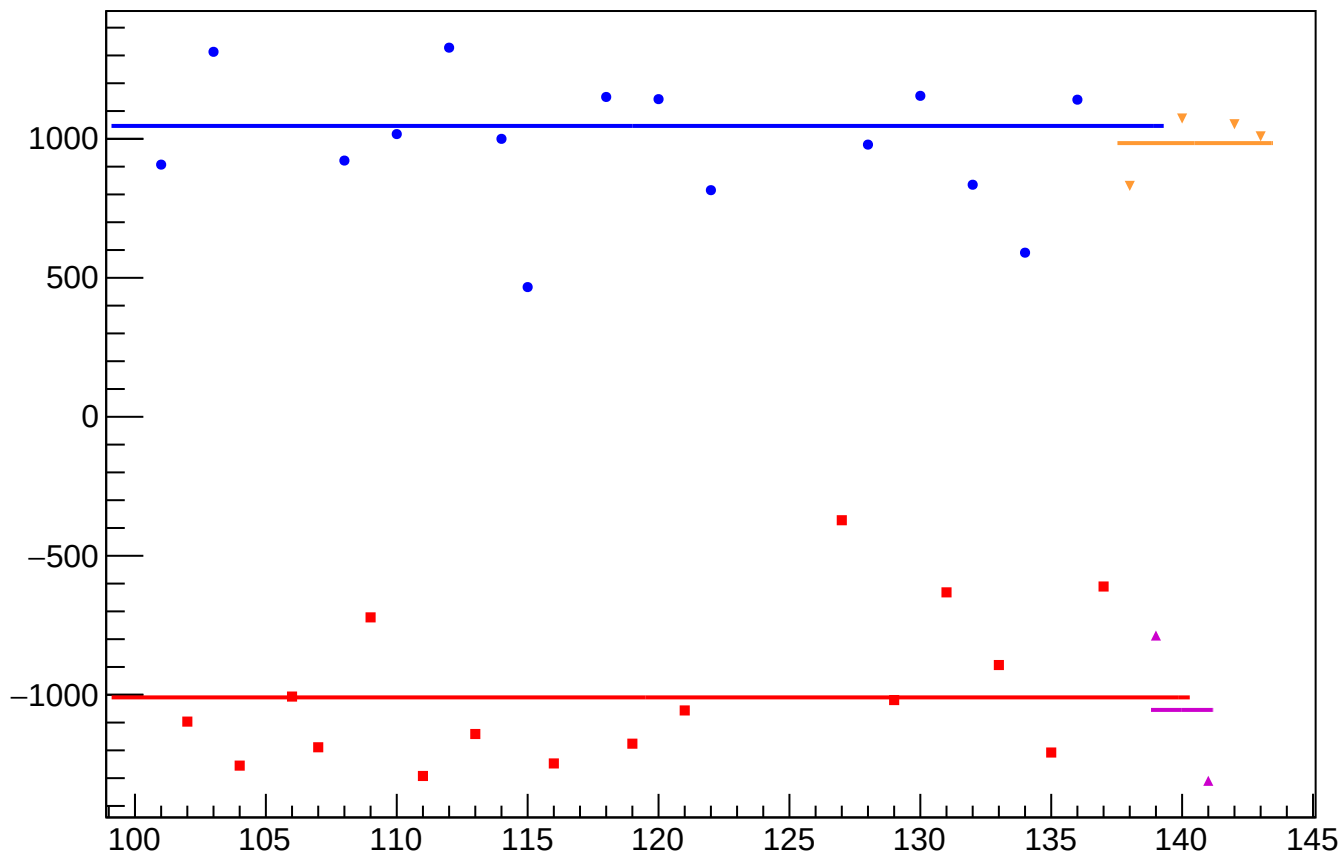
Right In: 4.959 $\pm$ 0.000 χ^2 /NDF: 10465467057143371817371681641463808.0/14

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

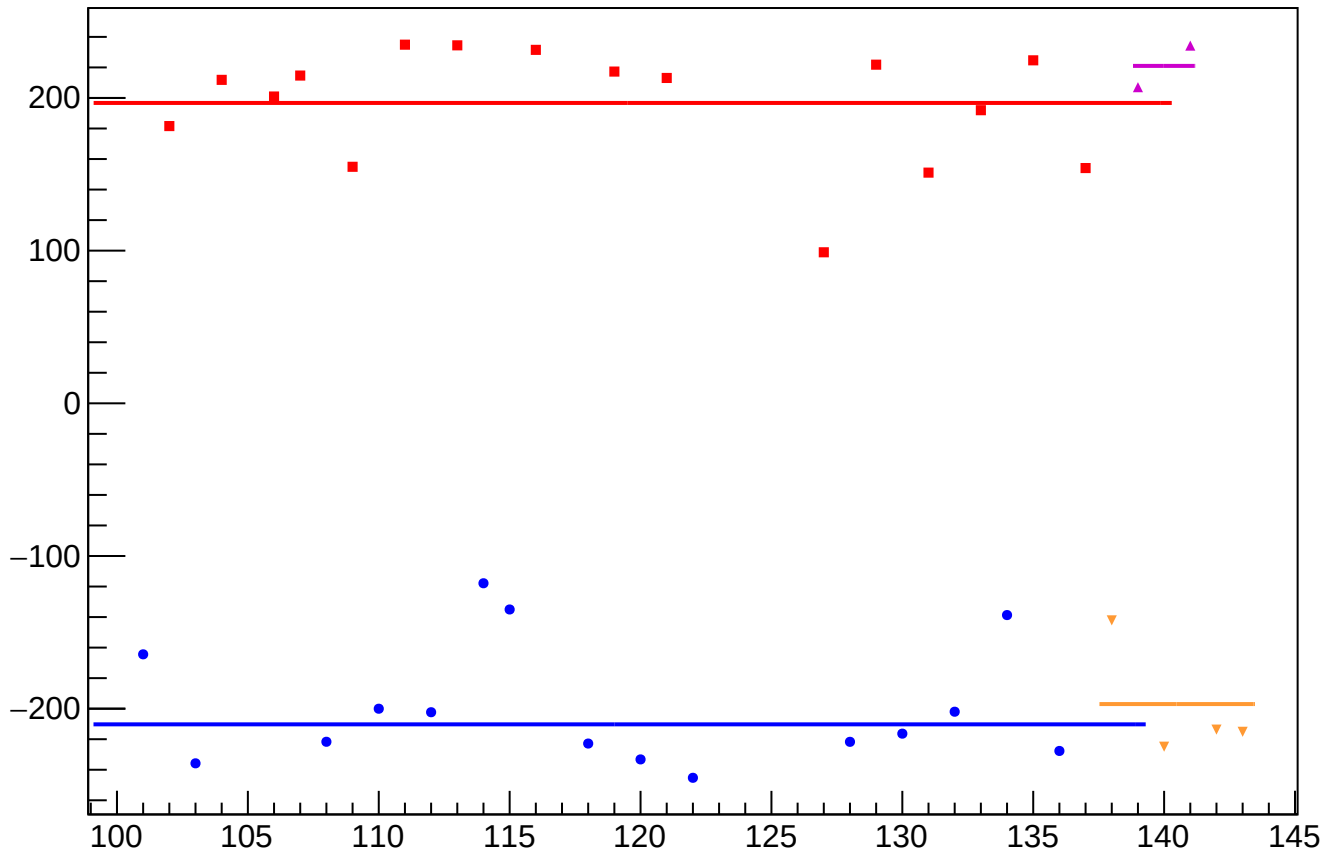
Left In: -10.513 $\pm$ 0.000 χ^2 /NDF: 4588511677431786592135481917440.0/1

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: -1054.494 ± 0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_11X12X_coil1_mean vs Slug, Sign Corrected



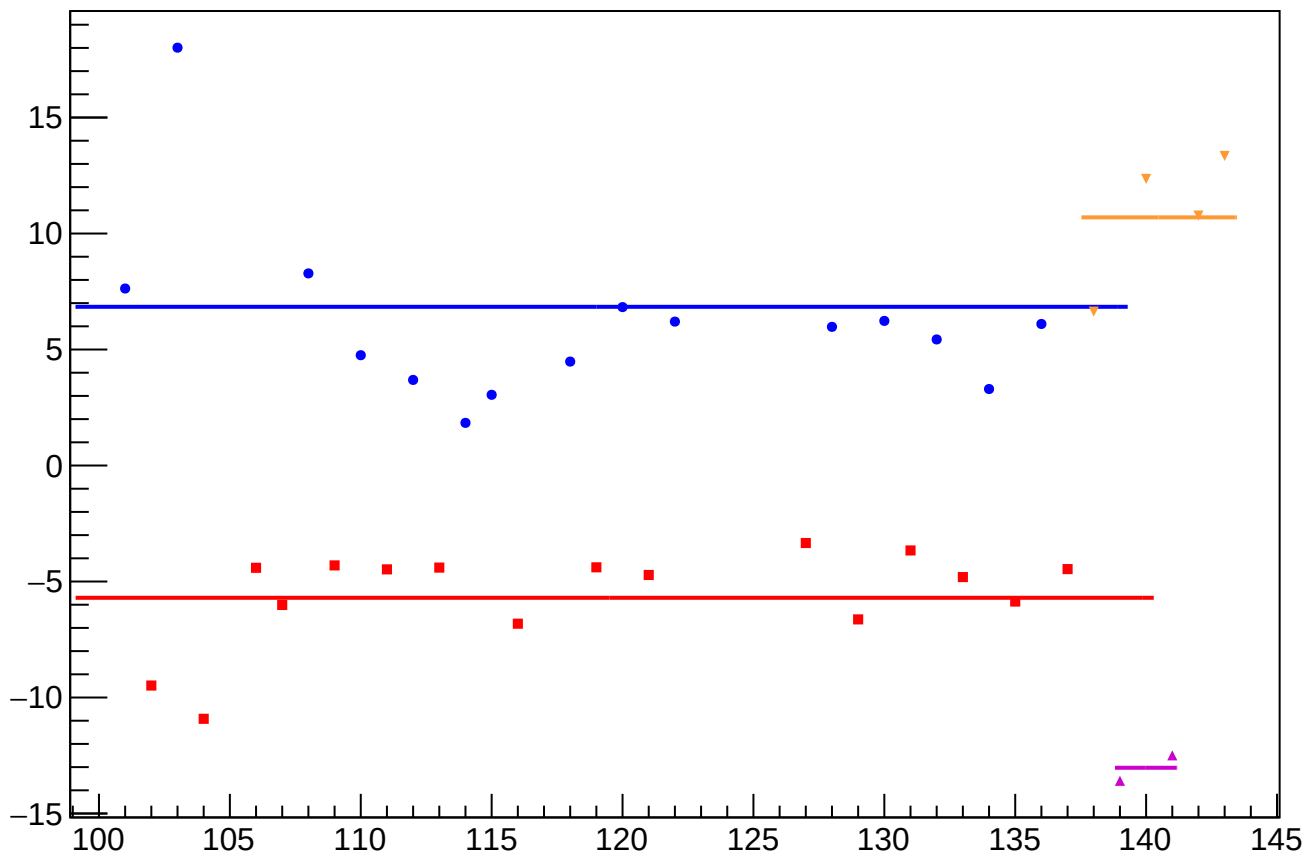
Right In: -210.261+/-0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14

Left Out: -196.979+/-0.000 χ^2/NDF : 333276241345123469350146800749641728.0/3

Right Out: 196.736+/-0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15

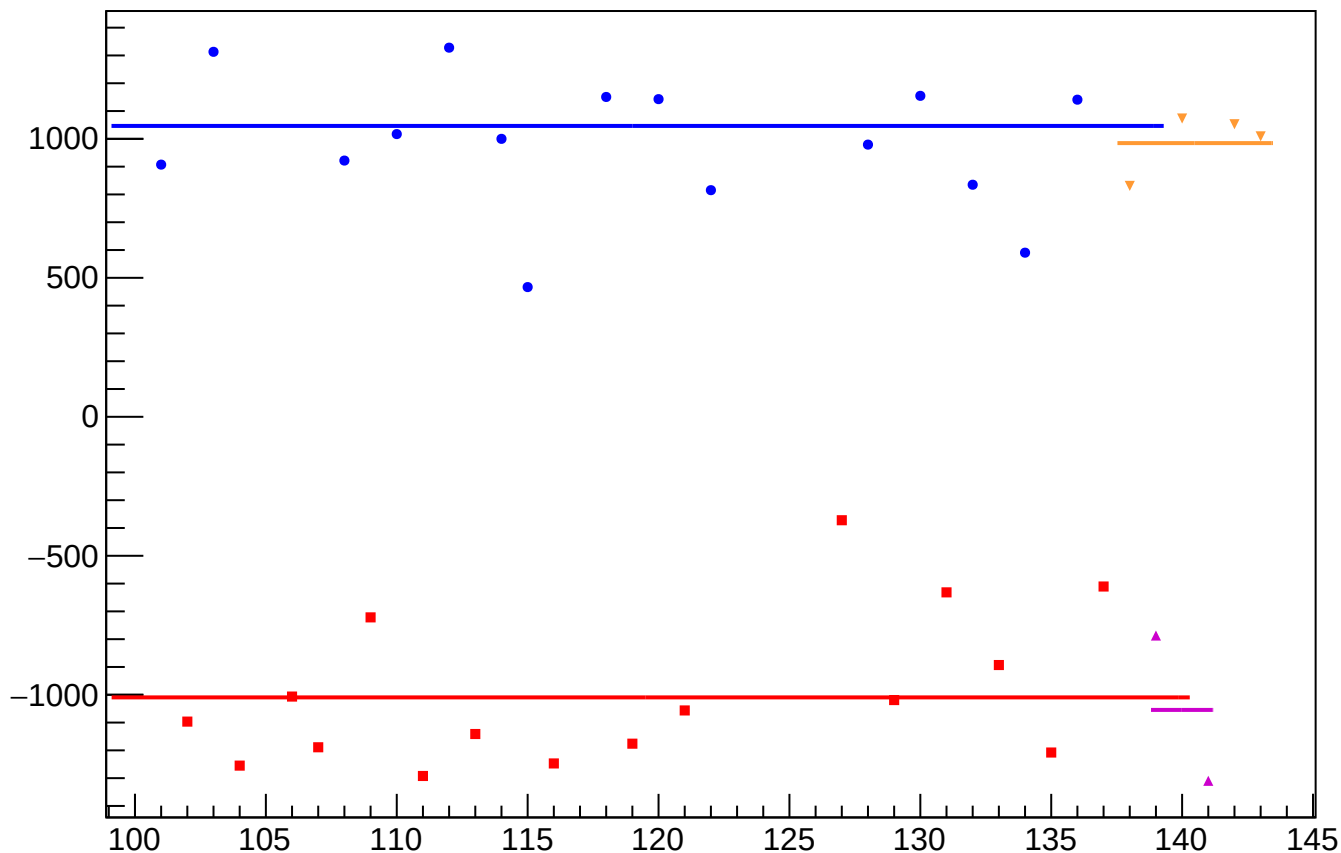
Left In: 221.002+/-0.000 χ^2/NDF : 30734207404079380528684990623383552.0/1

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: -13.028 +/- 0.000 χ^2/NDF : 49928596650732881260820356399104.0/1

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



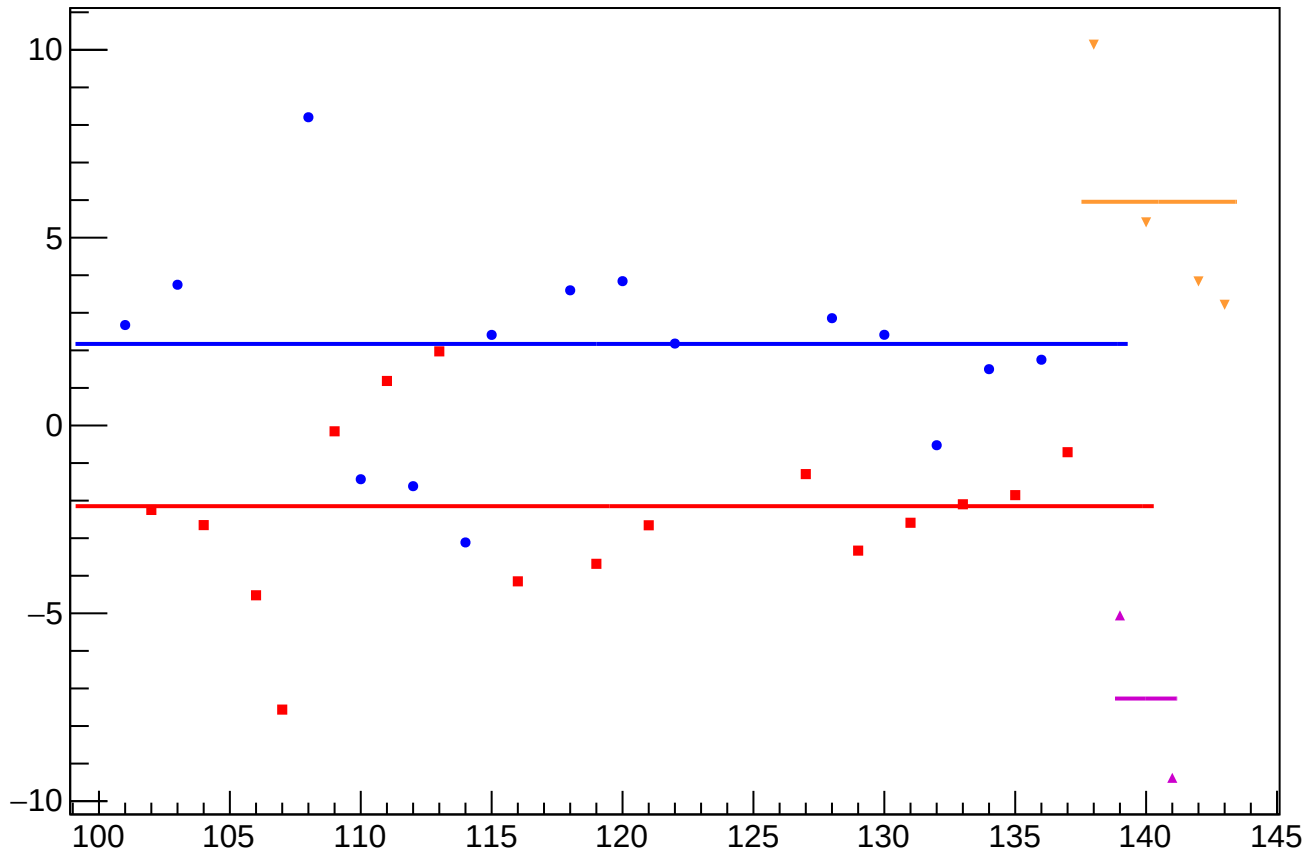
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

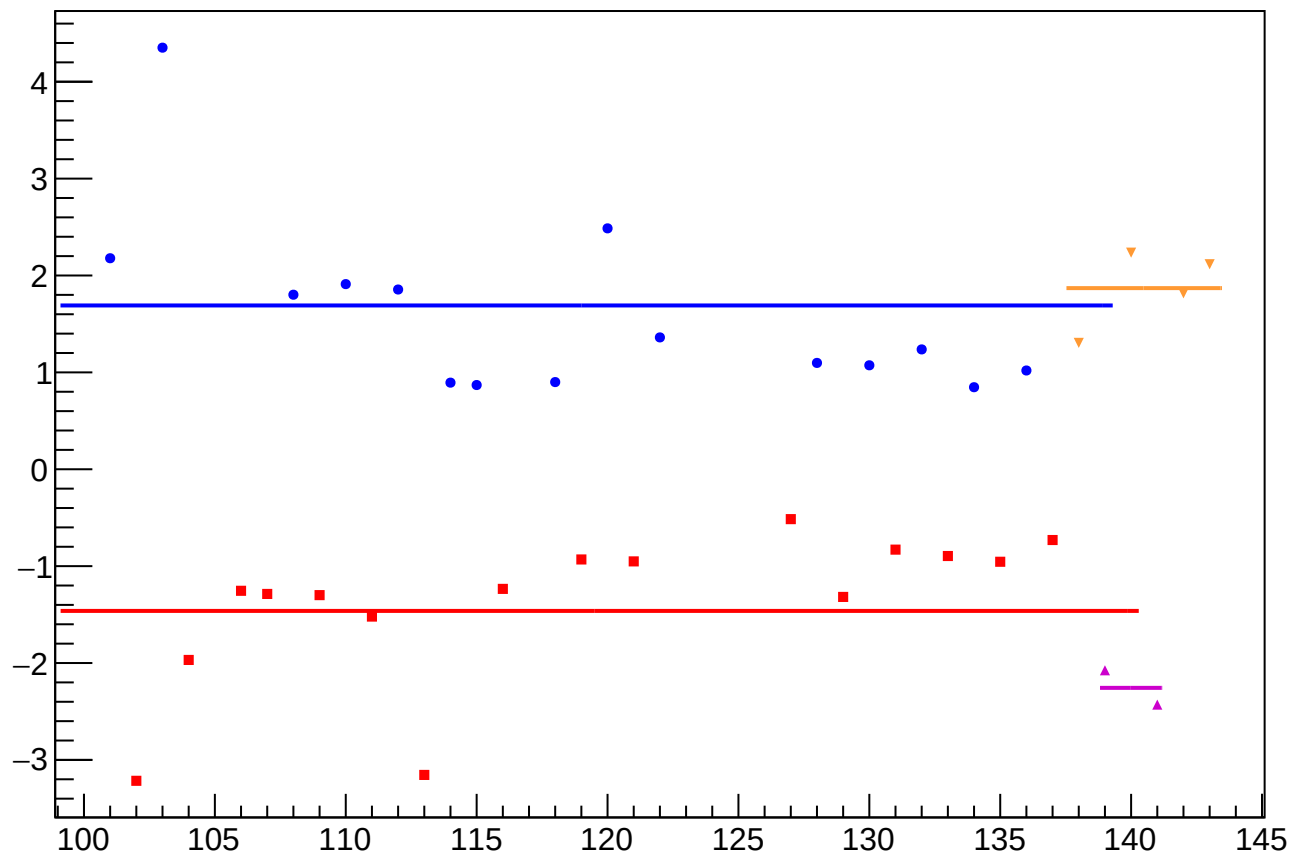
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_4aY_coil1_mean vs Slug, Sign Corrected



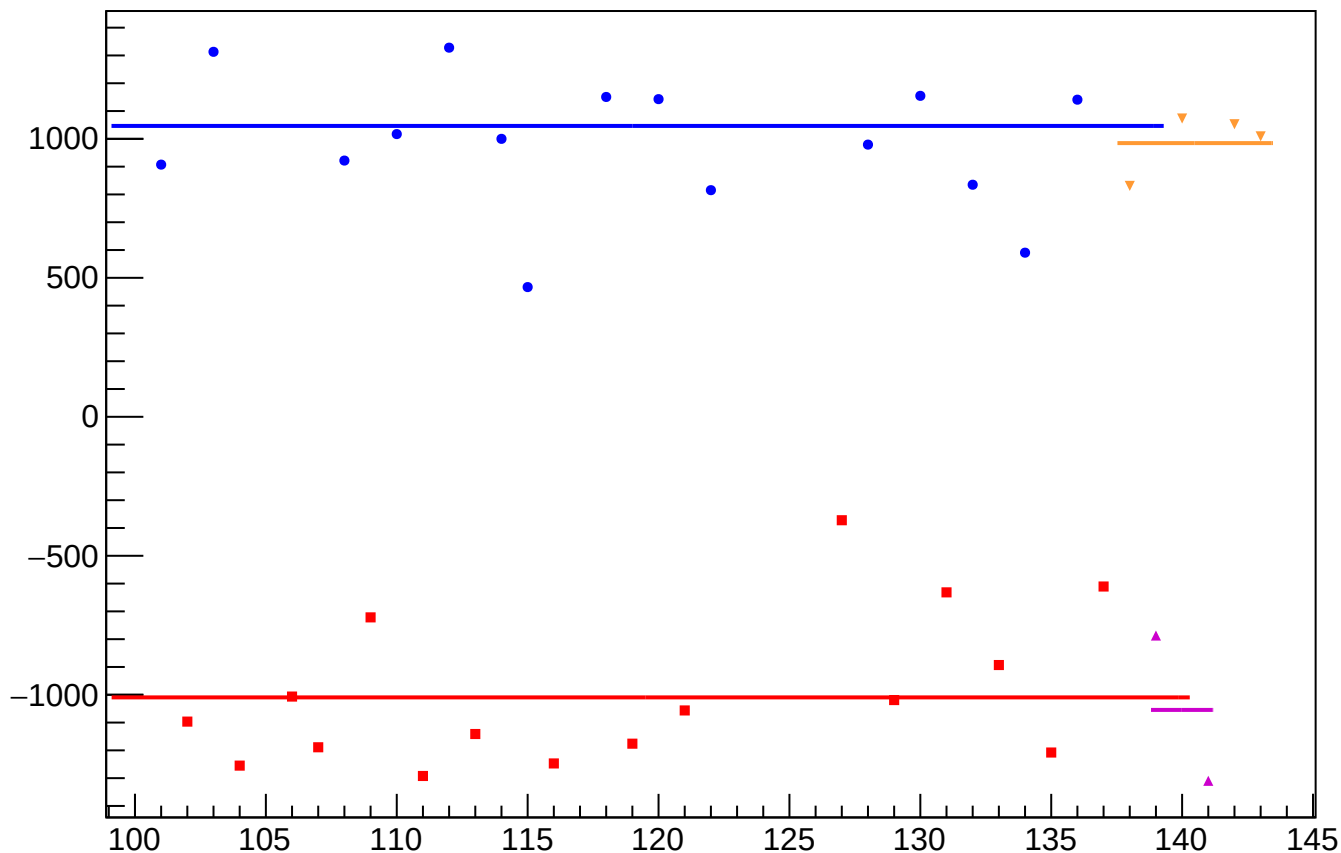
Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left Out: 5.955+/-0.000 χ^2/NDF : 2099399619917309908577258336944128.0/3
 Right Out: -2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Left In: -7.269+/-0.000 χ^2/NDF : 775379840804671747834627089235968.0/1

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



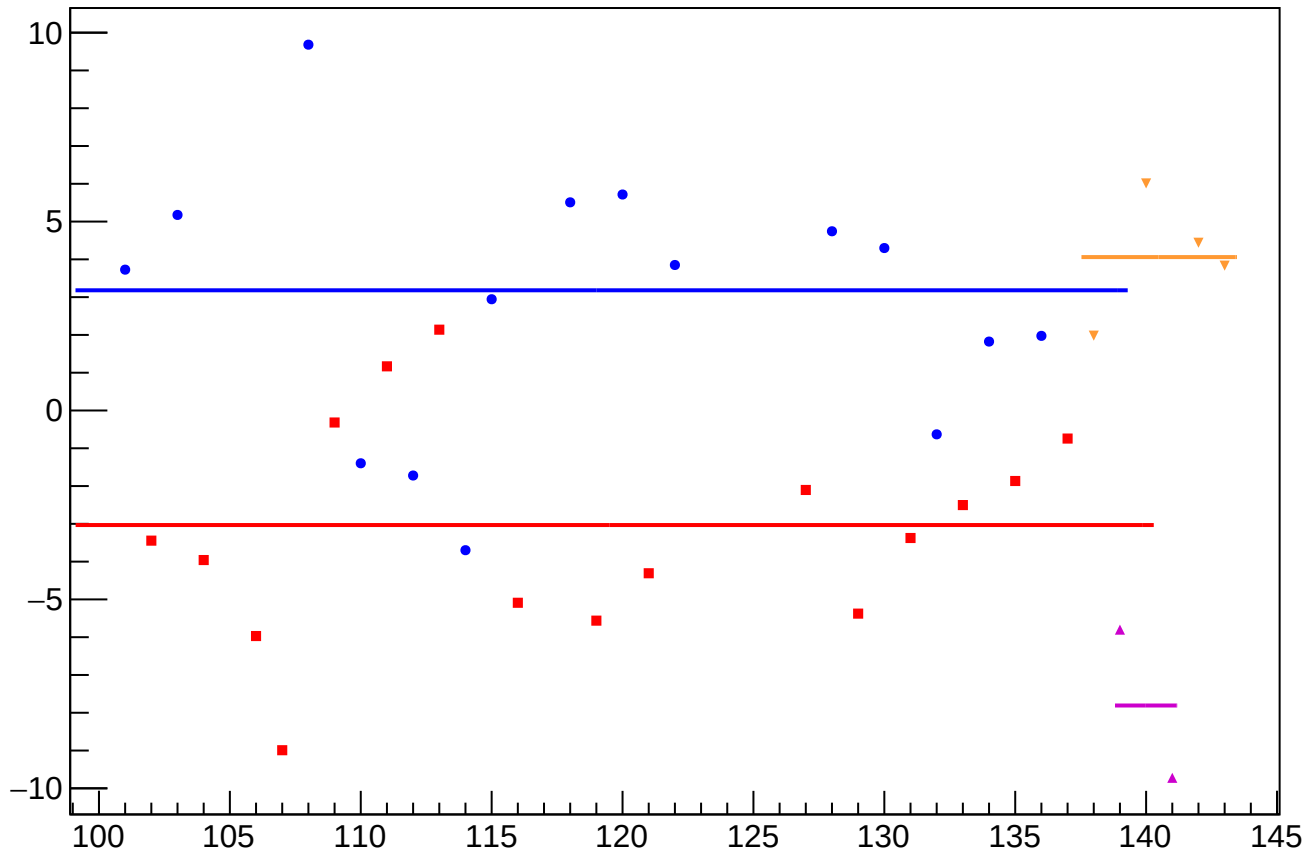
Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14
 Left Out: 1.870+/-0.000 χ^2/NDF : 40107644373138562112135911964672.0/3
 Right Out: -1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15
 Left In: -2.256+/-0.000 χ^2/NDF : 5207729809693972036298446209024.0/1

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



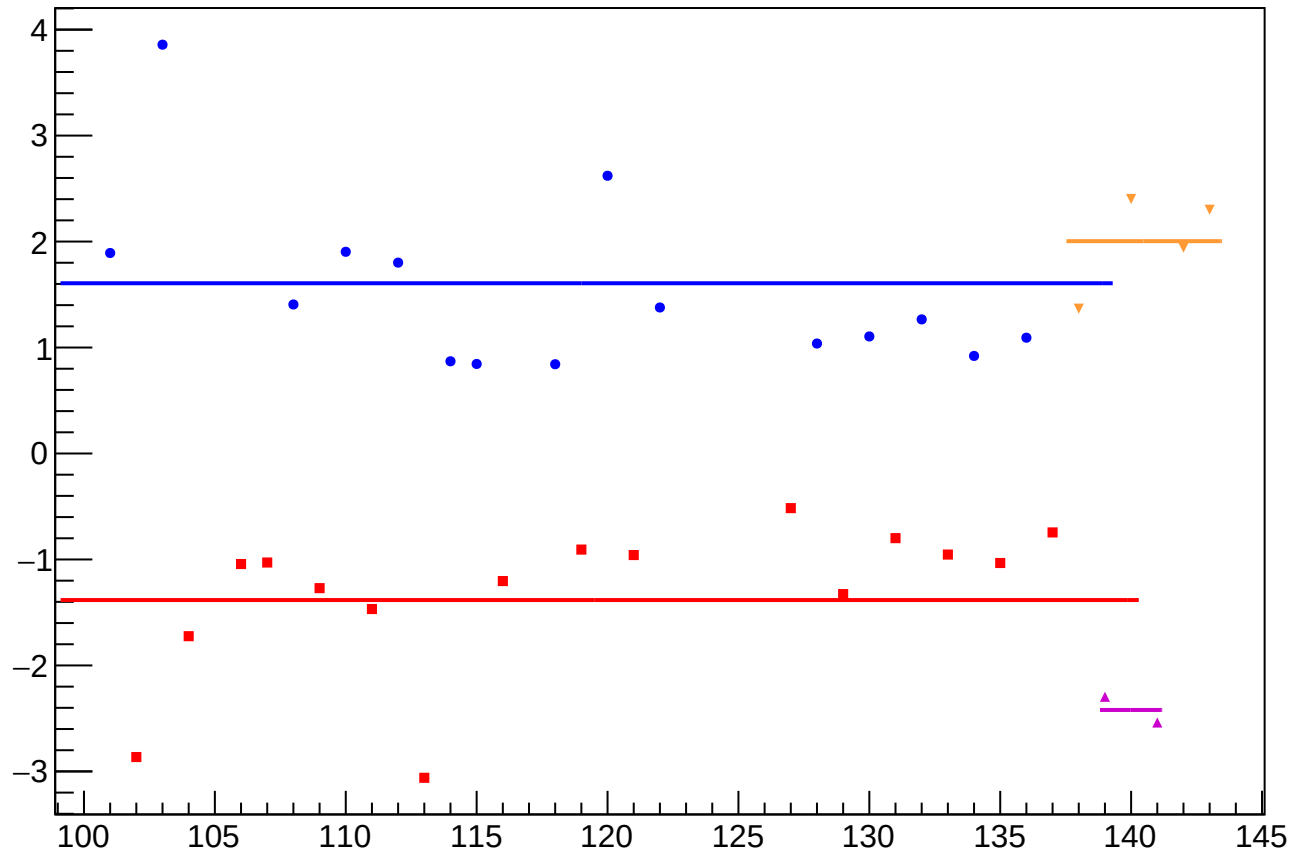
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3
 Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1054.494 ± 0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

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: -7.808+/-0.000 χ^2/NDF : 637800661289609523634129942347776.0/1

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



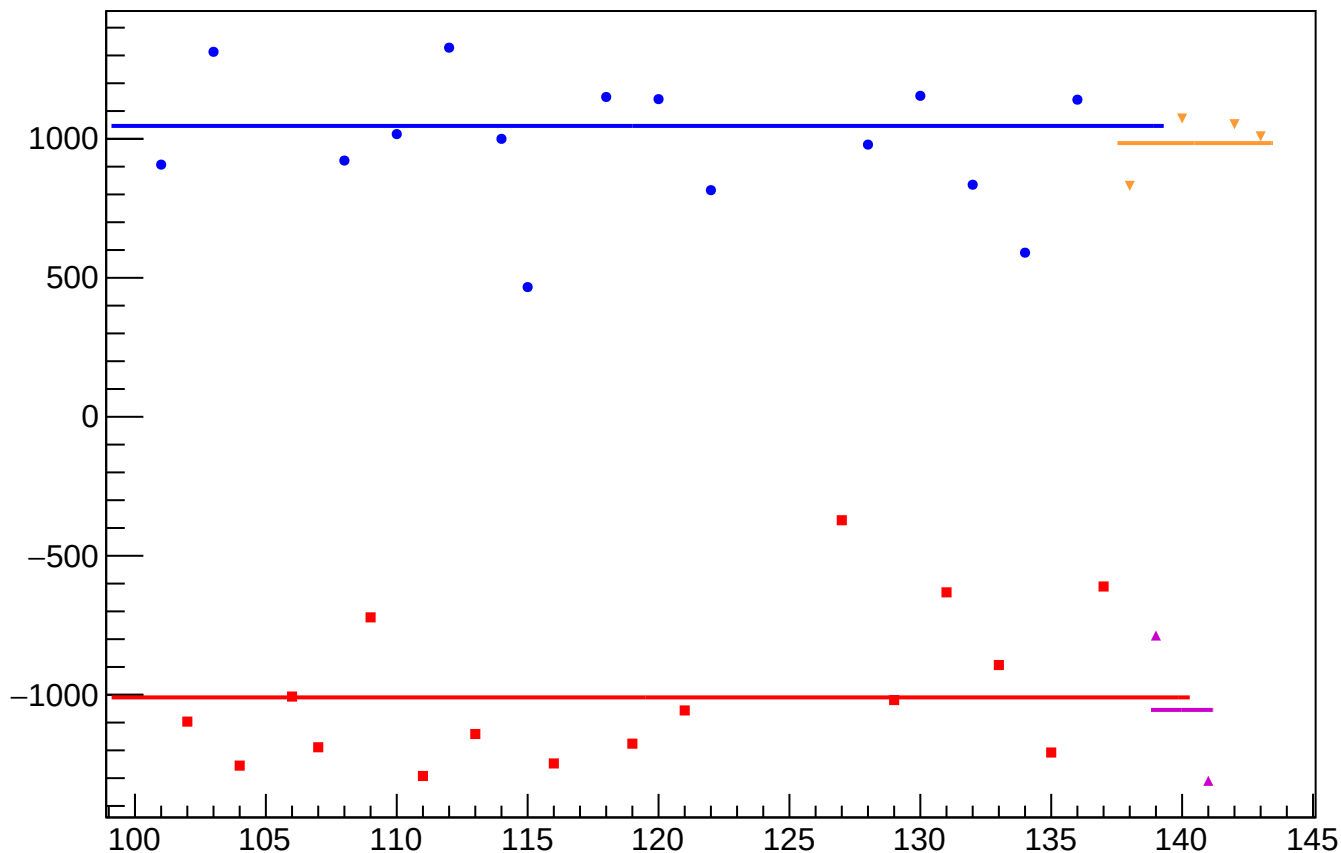
Right In: 1.607+/-0.000 χ^2/NDF : 460949628640148184181205735833600.0/14

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: -2.420+/-0.000 χ^2/NDF : 2444178228126960828750915174400.0/1

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



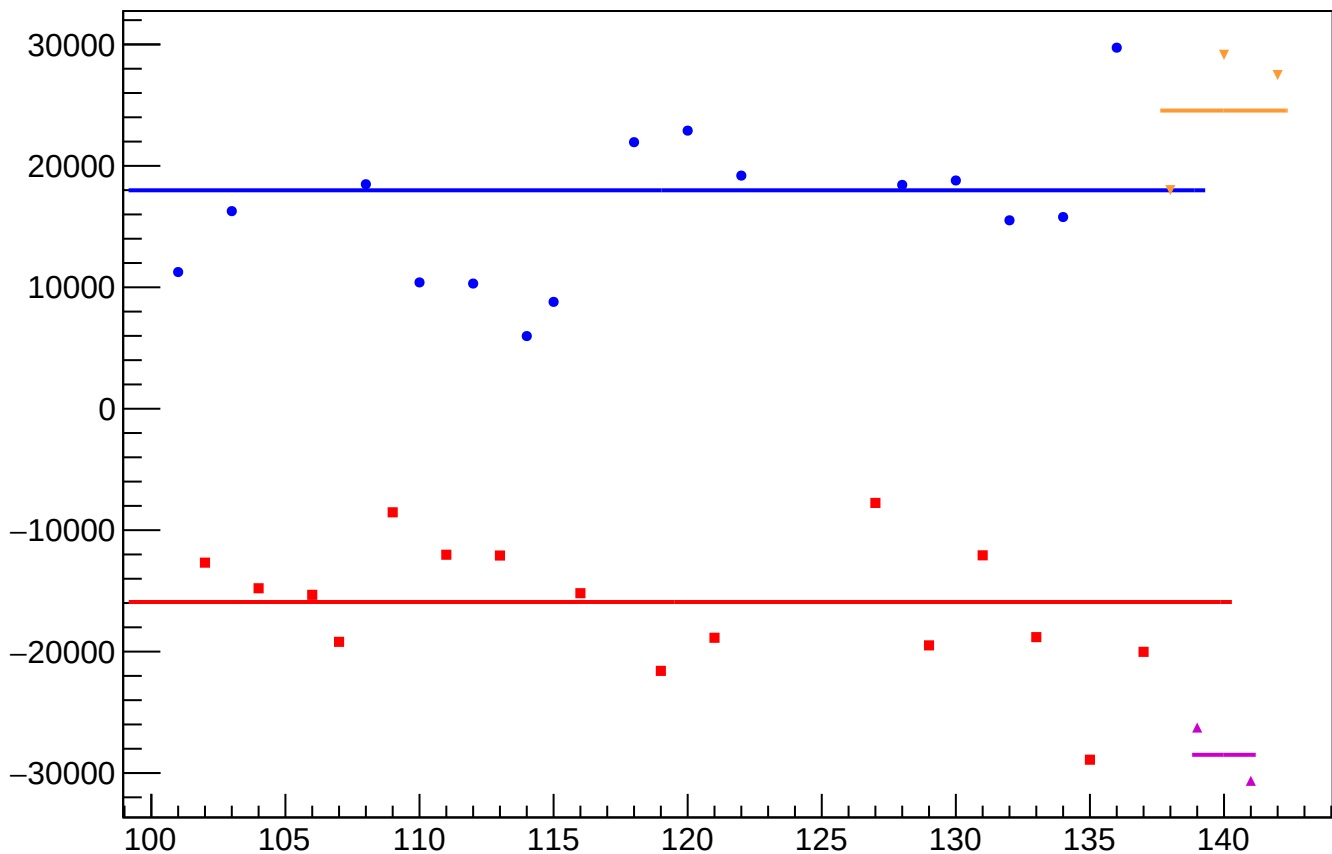
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

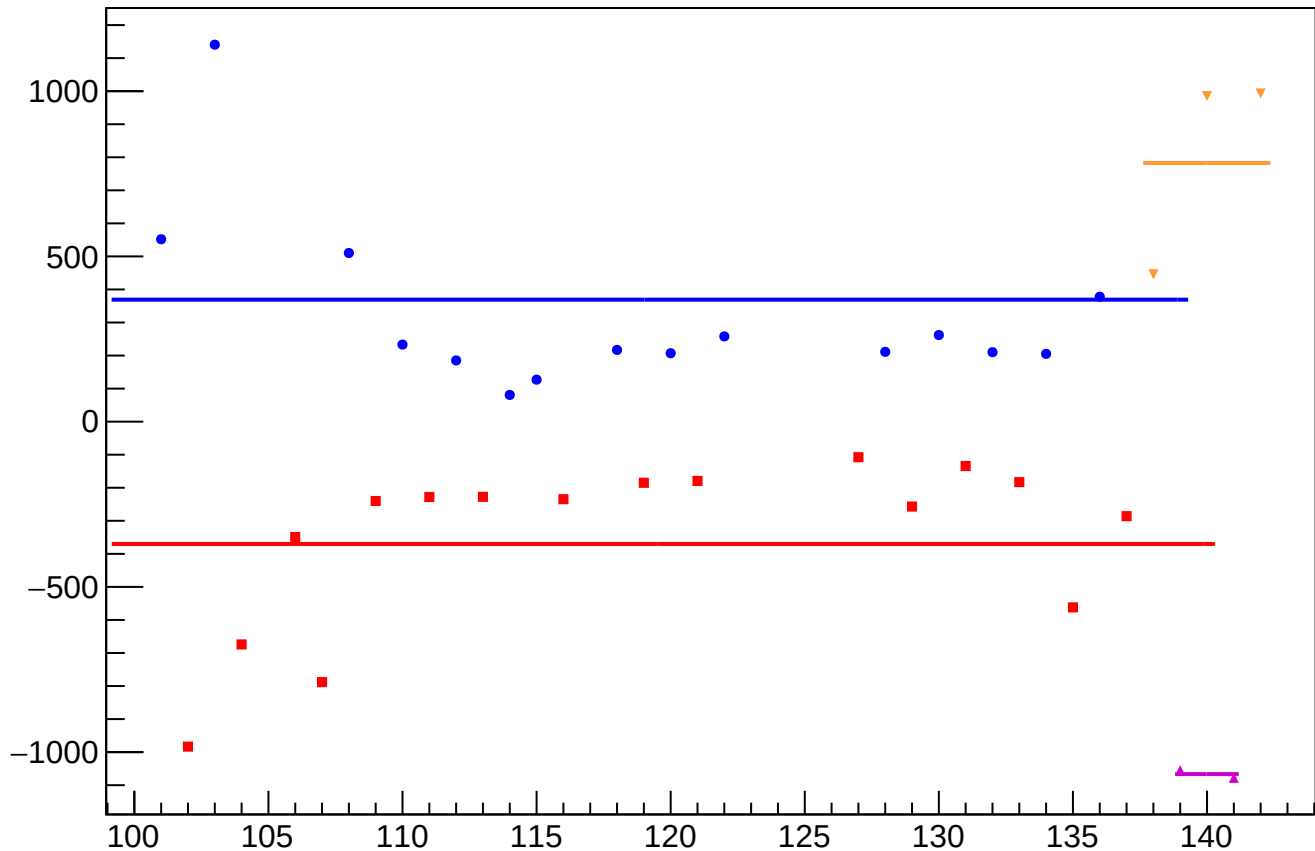
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

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: -28498.388 +/- 0.000 χ^2/NDF : 798442739142015297203717078304184860672.0/1

dit_usl_coil1_err_mean vs Slug, Sign Corrected



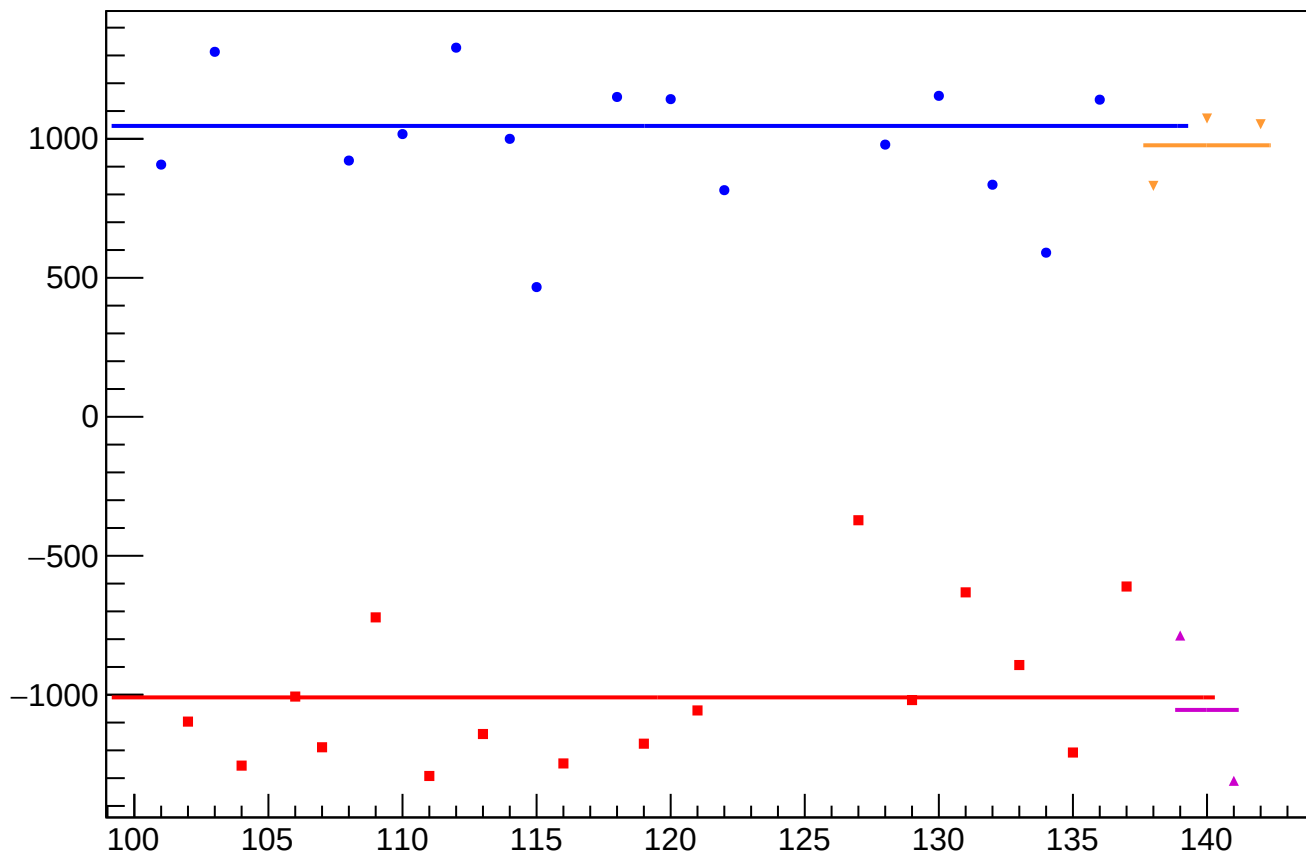
Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

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: -1066.435+/-0.000 χ^2/NDF : 21911878643485848653284574303879168.0/1

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



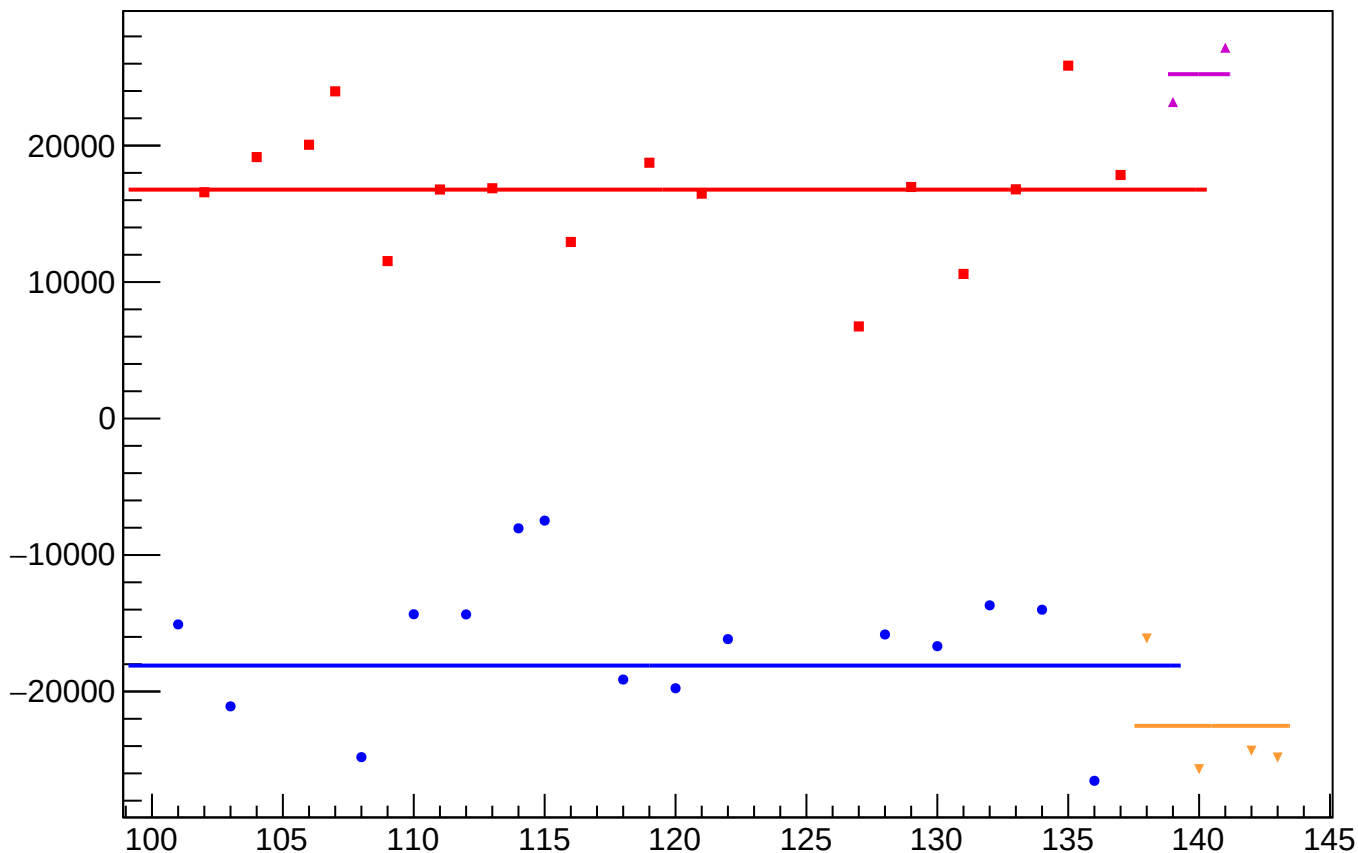
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

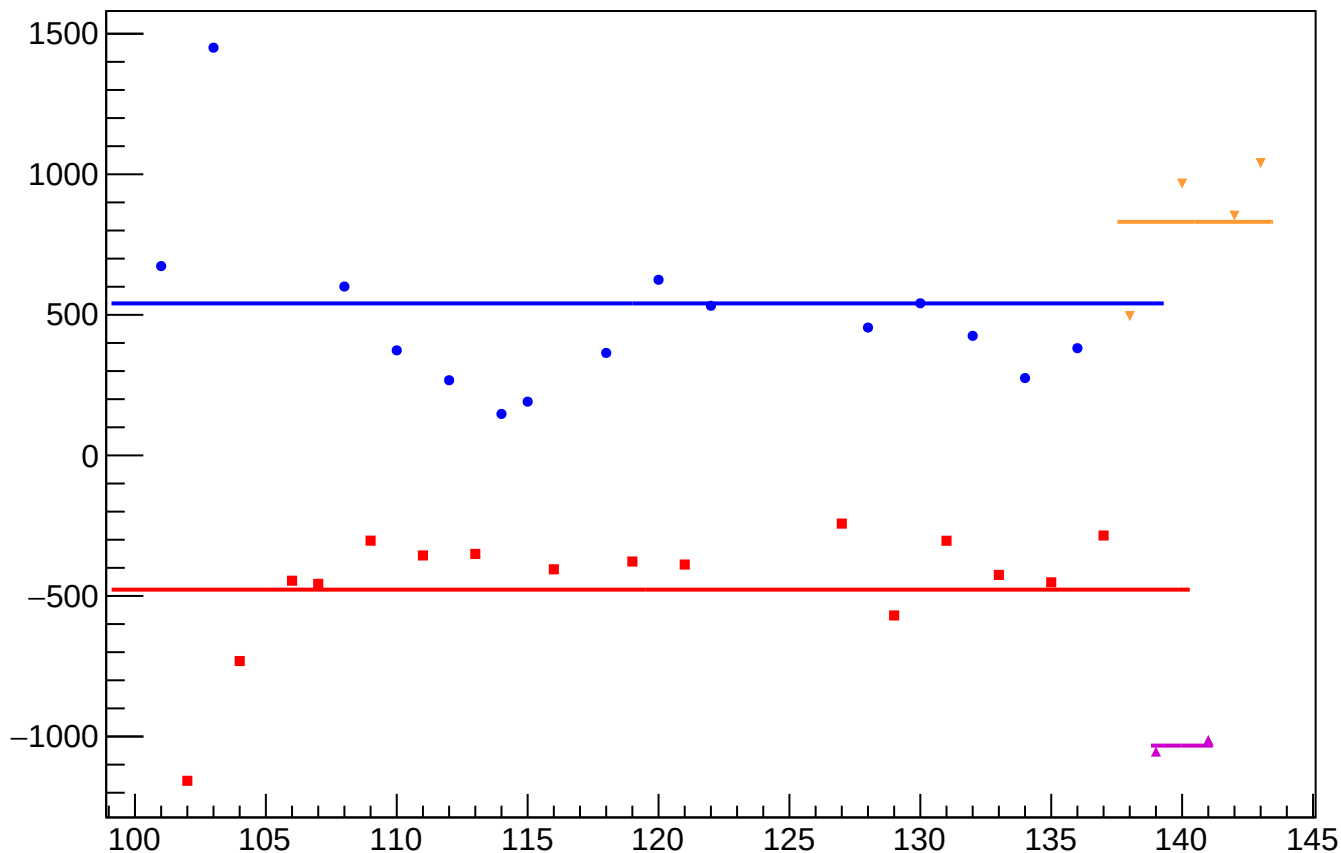
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

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: 25231.293+/-0.000 χ^2/NDF : 657679819019955141160326588755653689344.0/1

dit_usr_coil1_err_mean vs Slug, Sign Corrected



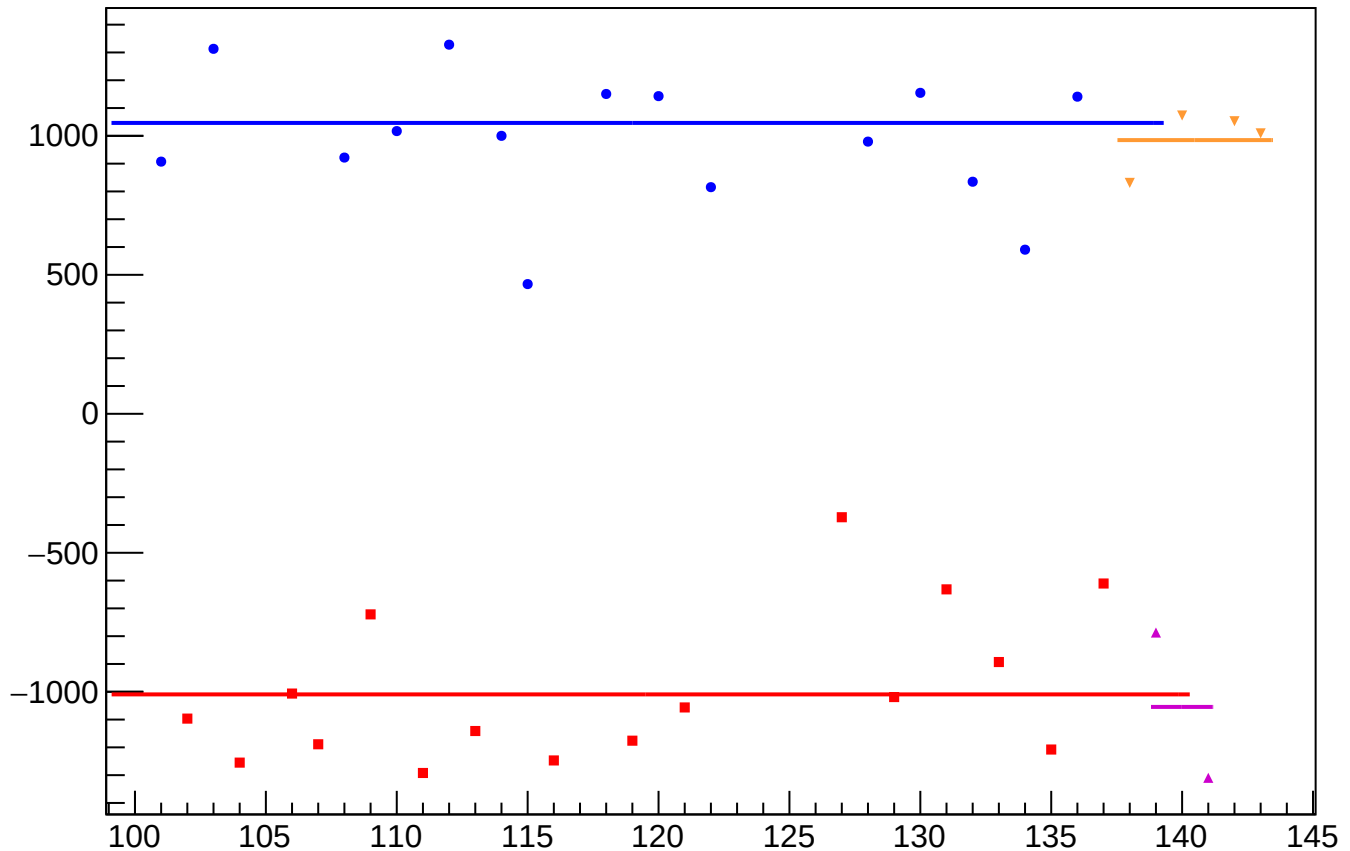
Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

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: -1032.365+/-0.000 χ^2/NDF : 71308540181219815486054170810646528.0/1

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



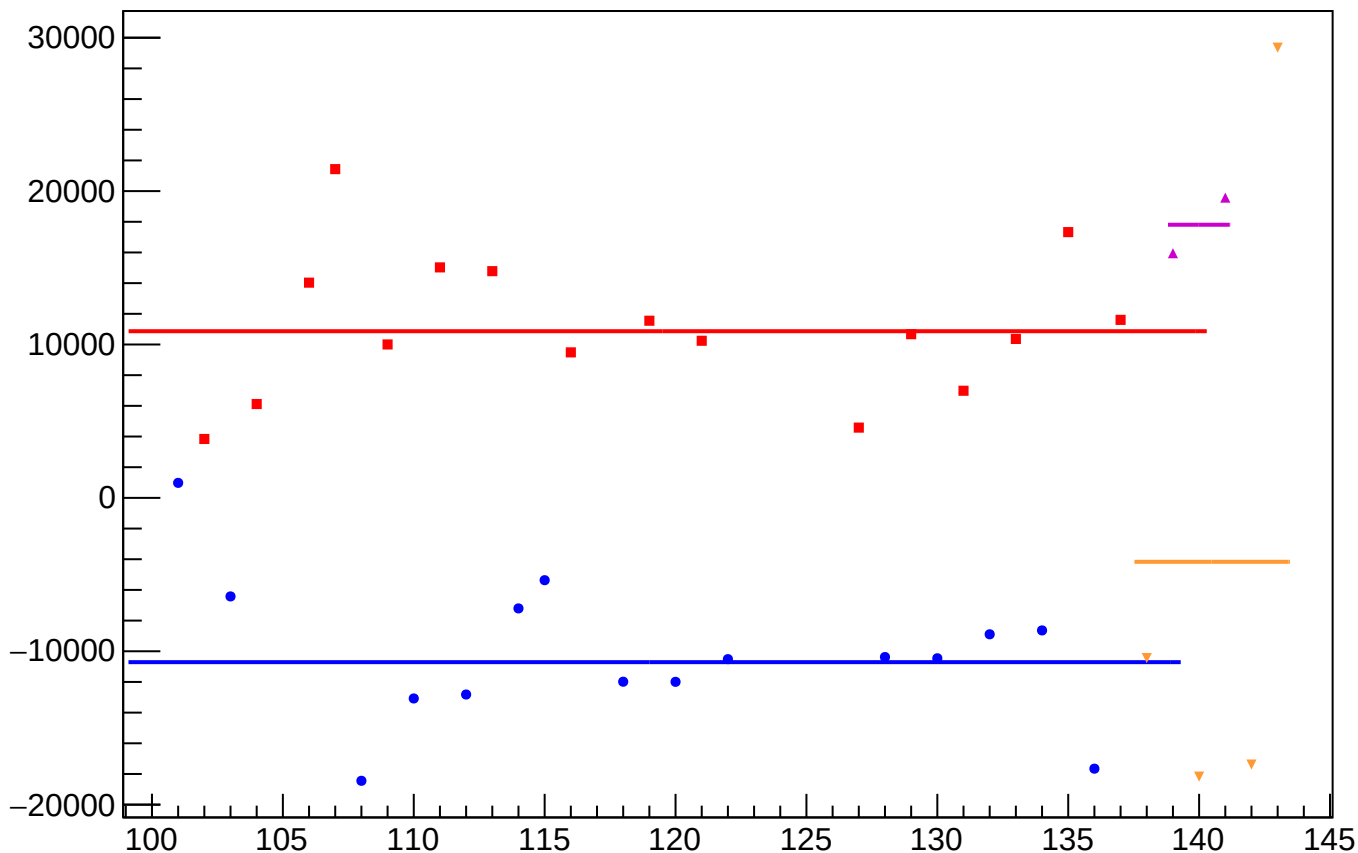
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

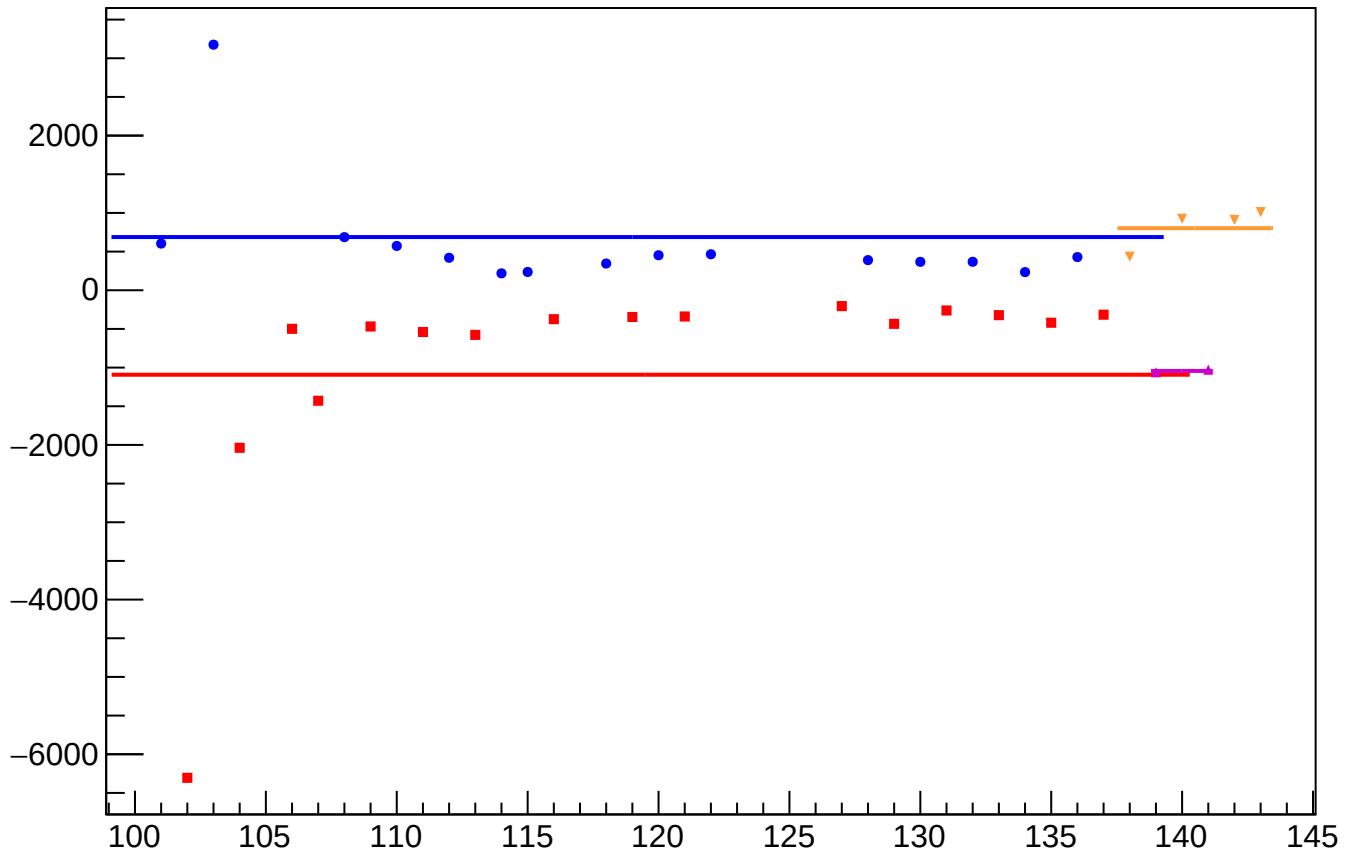
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292 ± 0.000 $\chi^2/\text{NDF}: 16945226152053511840482618402250170564608.0/14$
 Left Out: -4168.212 ± 0.000 $\chi^2/\text{NDF}: 102468316429632460023050678513723661877248.0/3$
 Right Out: 10866.264 ± 0.000 $\chi^2/\text{NDF}: 14234762838858382484525901644131626647552.0/15$
 Left In: 17806.994 ± 0.000 $\chi^2/\text{NDF}: 545005145091081779147556114237147316224.0/1$

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



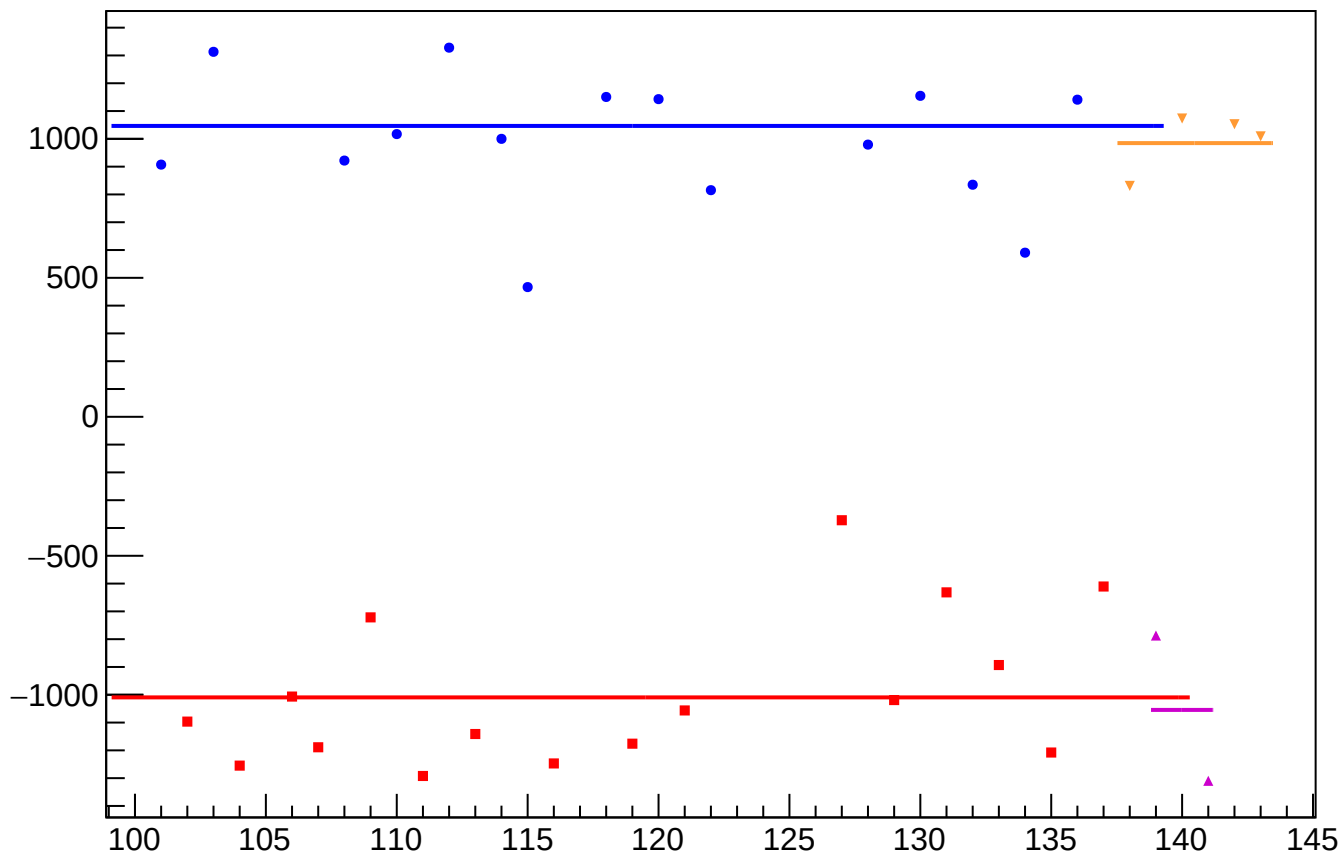
Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

Left Out: 802.796+/-0.000 χ^2/NDF : 15218052061567848553574518594264367104.0/3

Right Out: -1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

Left In: -1043.388+/-0.000 χ^2/NDF : 46968481174146028303064984413274112.0/1

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



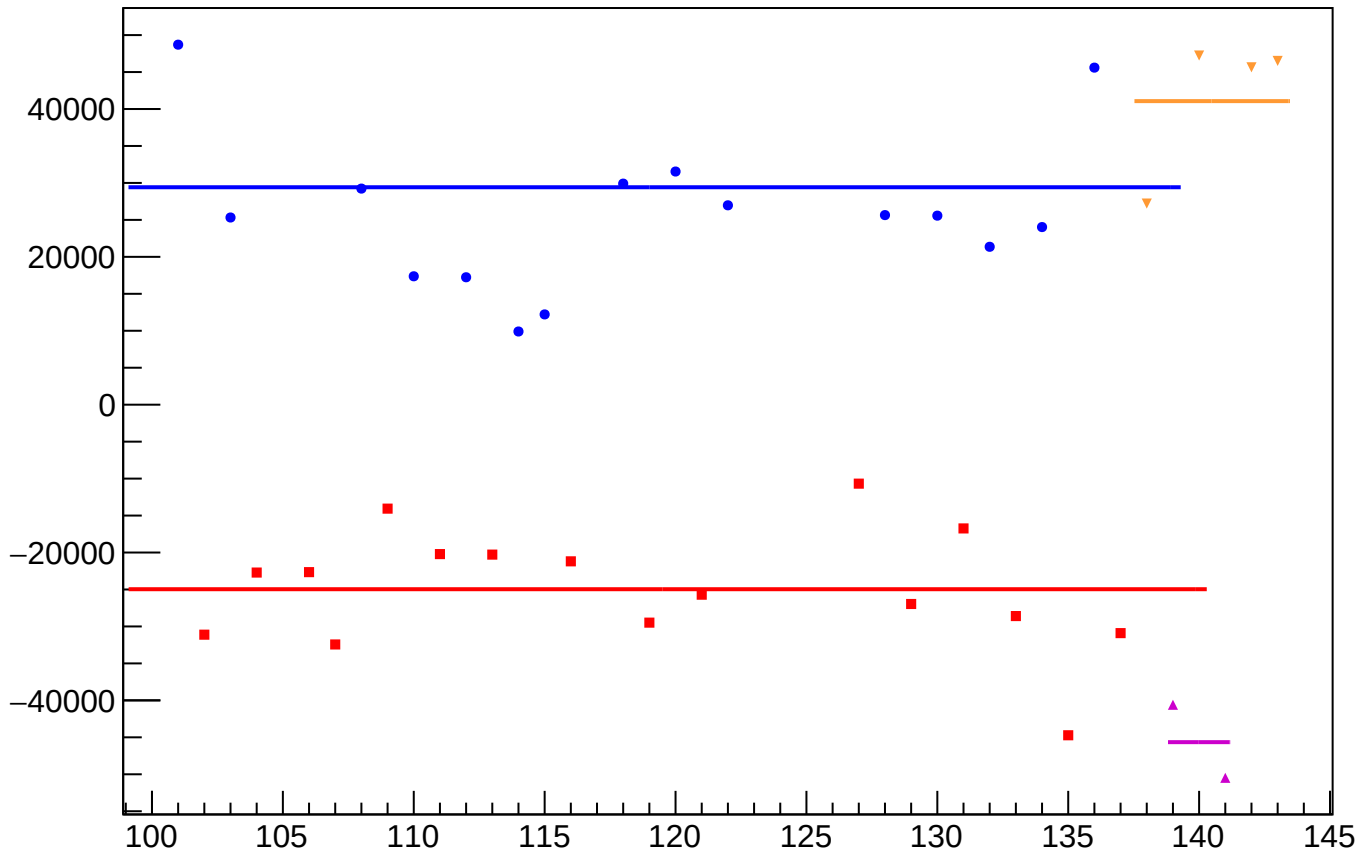
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

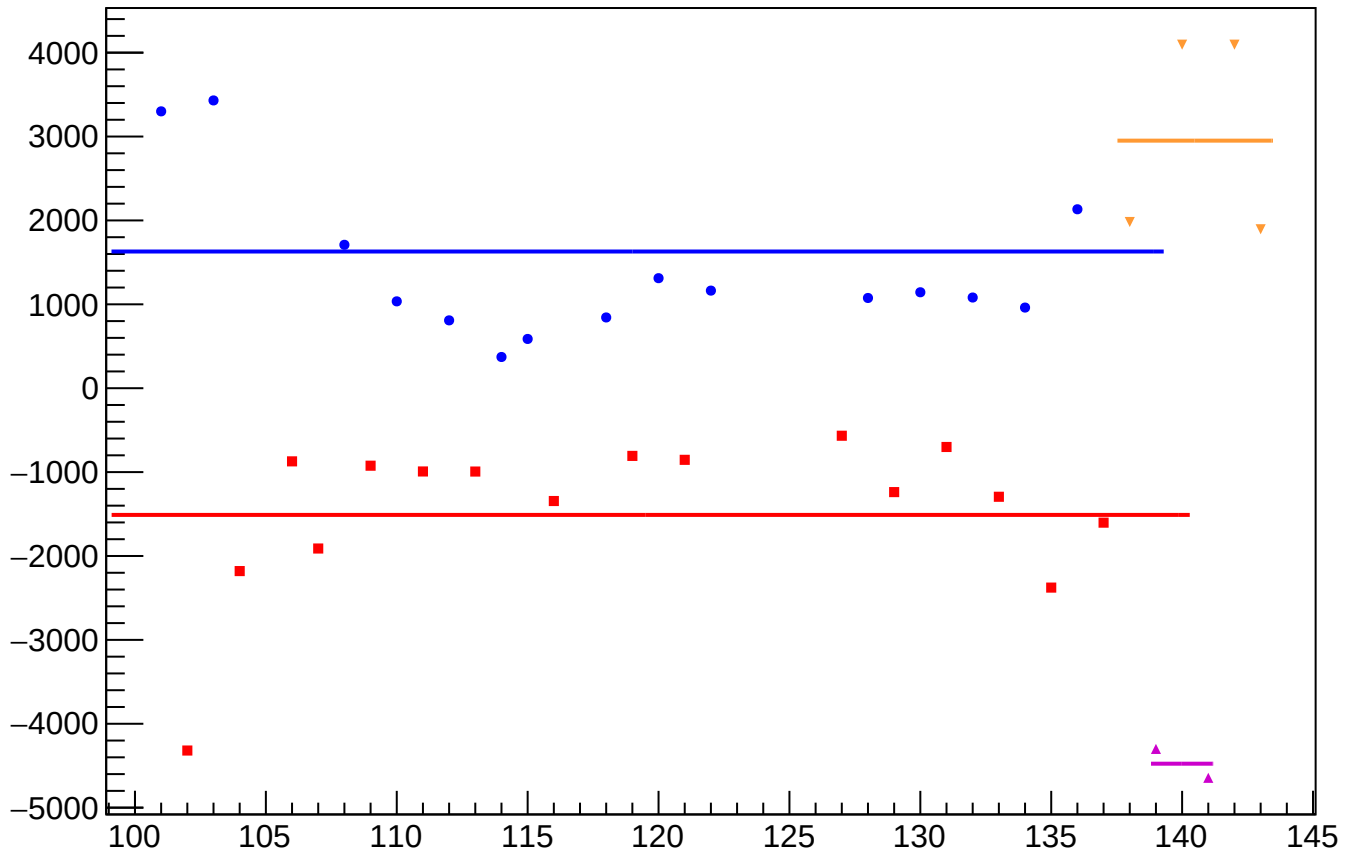
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atl2_coil1_mean vs Slug, Sign Corrected



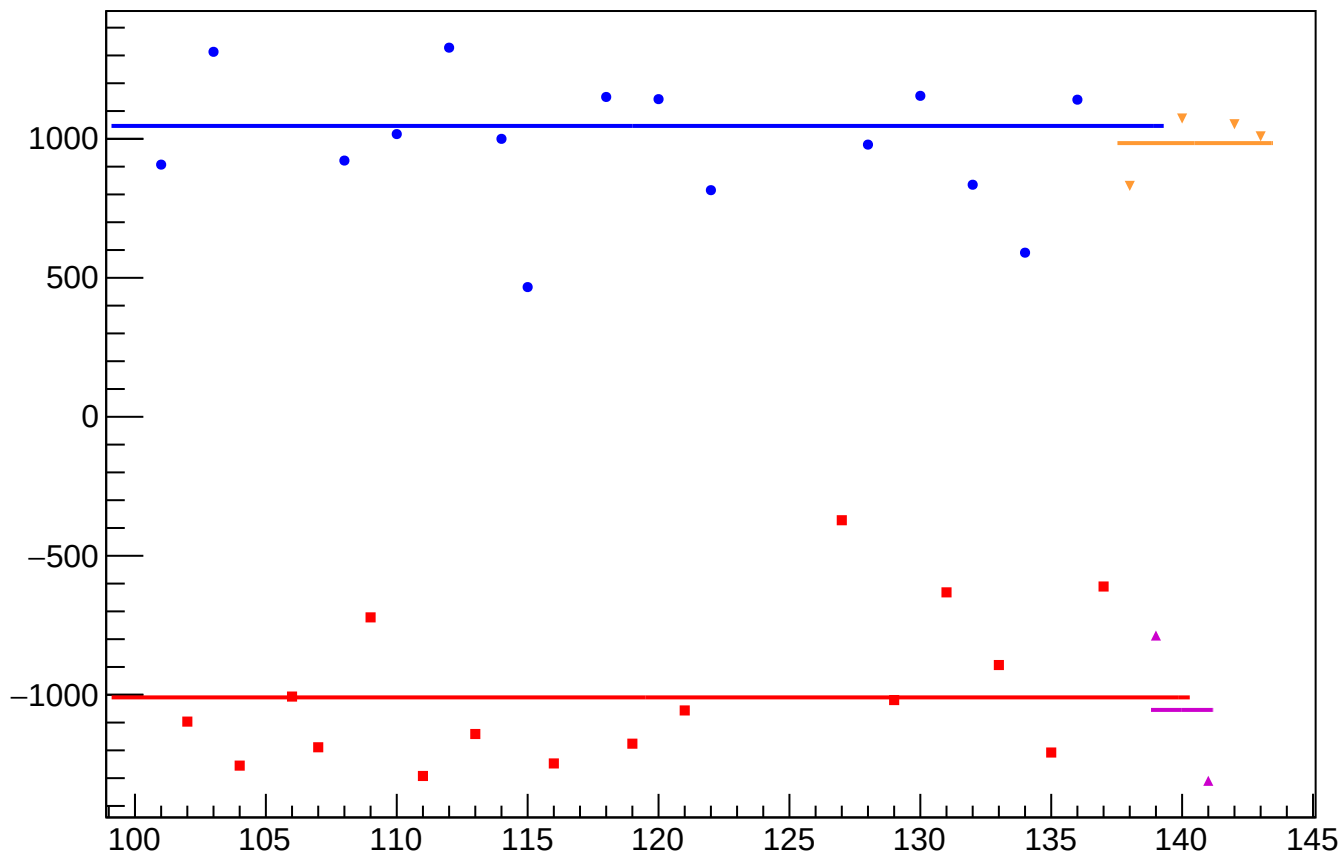
Right In: 29415.830+/-0.000 χ^2/NDF : 71764989638928082906774979753894809174016.0/14
 Left Out: 41066.759+/-0.000 χ^2/NDF : 21046070119942149679383156905785132318720.0/3
 Right Out: -24963.010+/-0.000 χ^2/NDF : 45631572920122171972835961685494315614208.0/15
 Left In: -45653.689+/-0.000 χ^2/NDF : 4050141106459007988685620053424966991872.0/1

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: -4475.984 +/- 0.000 χ^2/NDF : 4921224332402398845105125452081528832.0/1

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



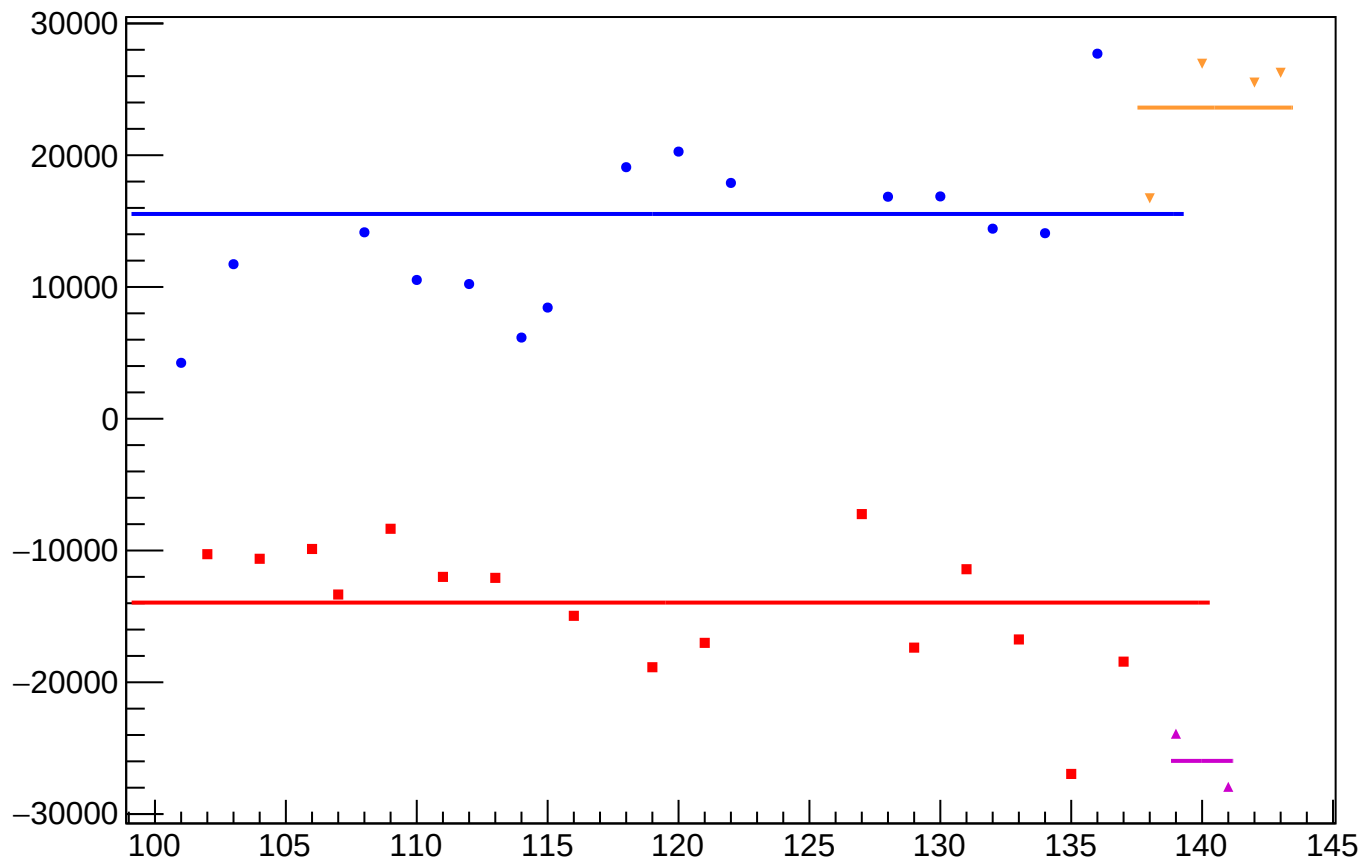
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

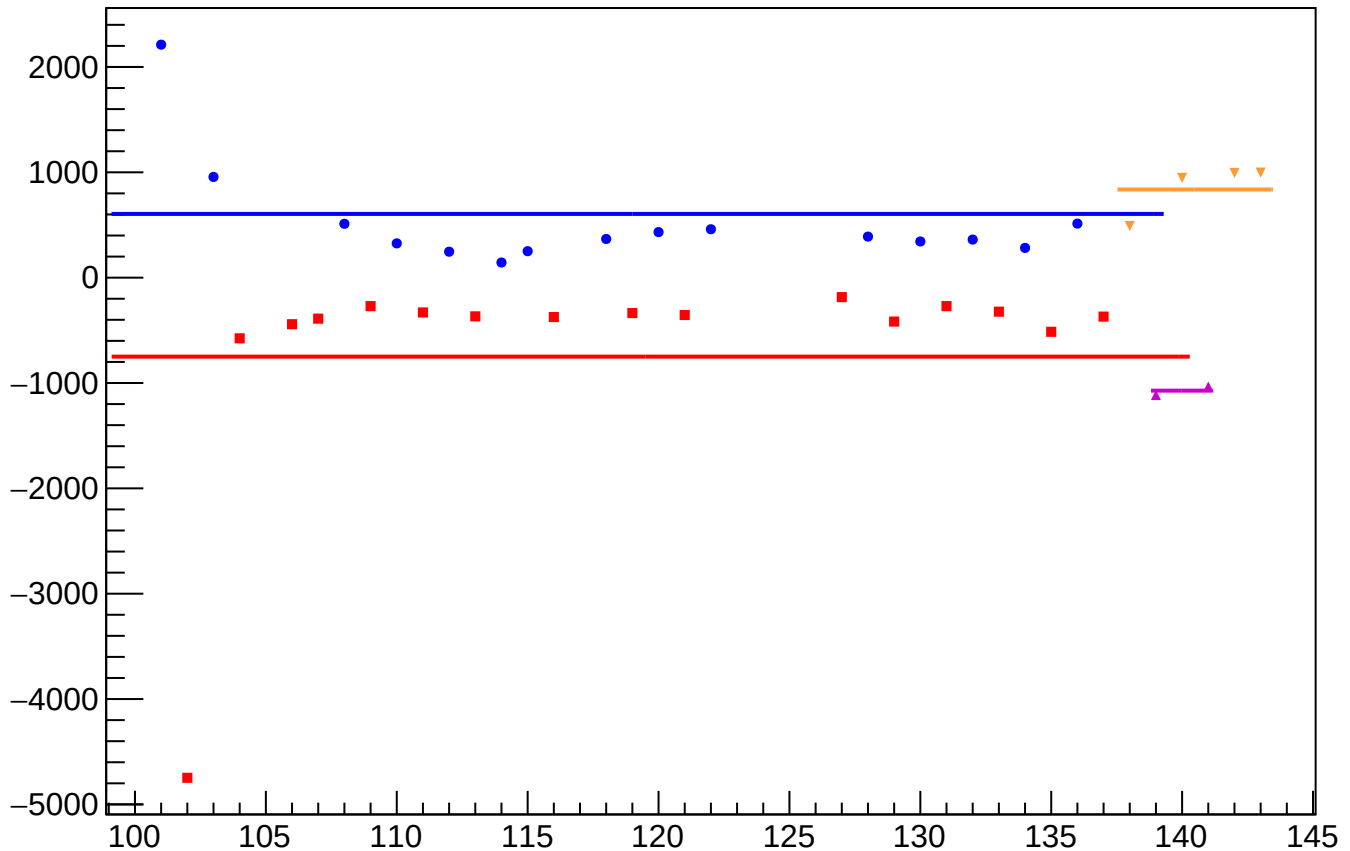
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atr1_coil1_mean vs Slug, Sign Corrected



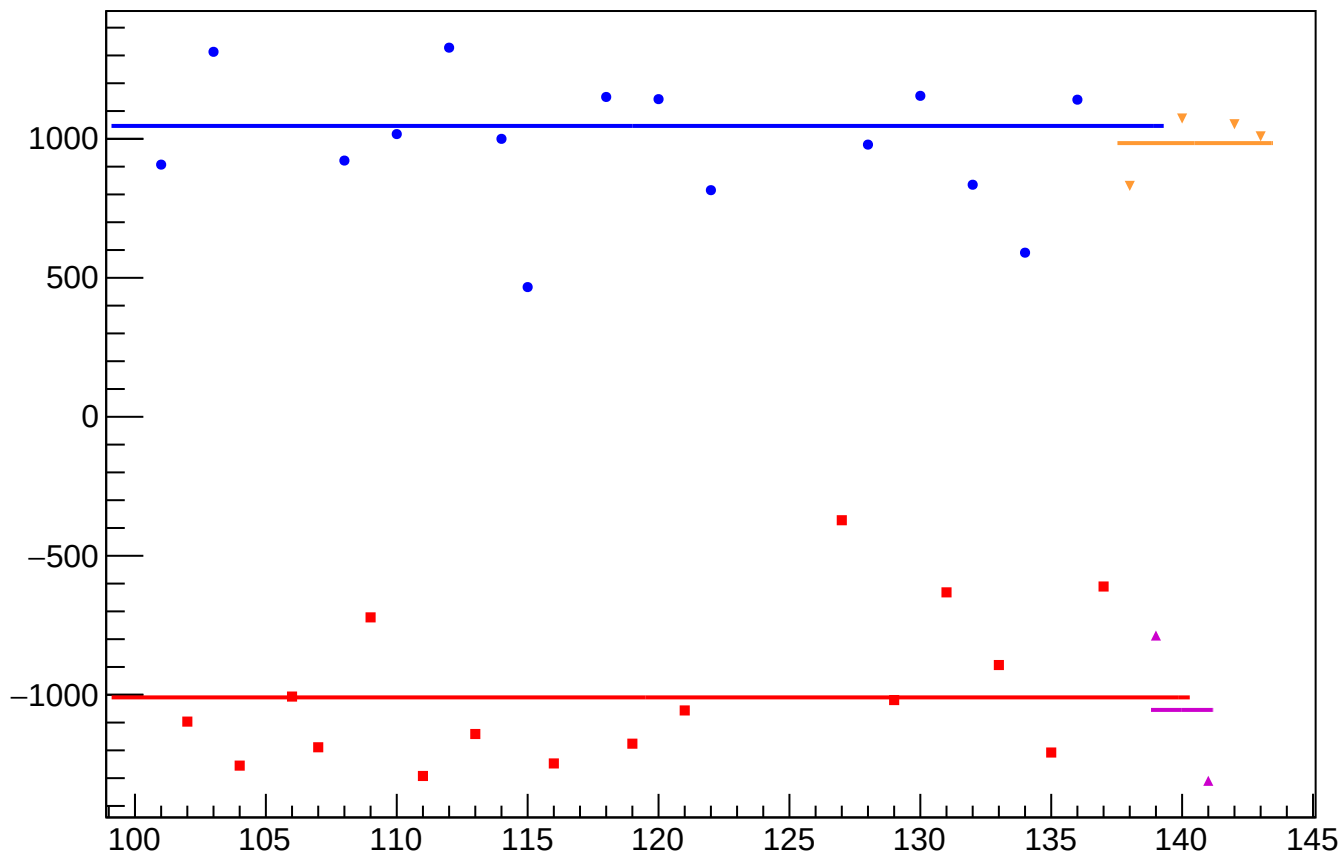
Right In: 15540.787 +/- 0.000 χ^2/NDF : 27383635886523601832377795383509714468864.0/14
 Left Out: 23614.136 +/- 0.000 χ^2/NDF : 5239184590036378811971075138202160332800.0/3
 Right Out: -13951.799 +/- 0.000 χ^2/NDF : 16954071035739584664612813430748100952064.0/15
 Left In: -25965.385 +/- 0.000 χ^2/NDF : 673422265764292100765216788515330719744.0/1

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: -1072.474+/-0.000 χ^2/NDF : 269550662628072246754753710192066560.0/1

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



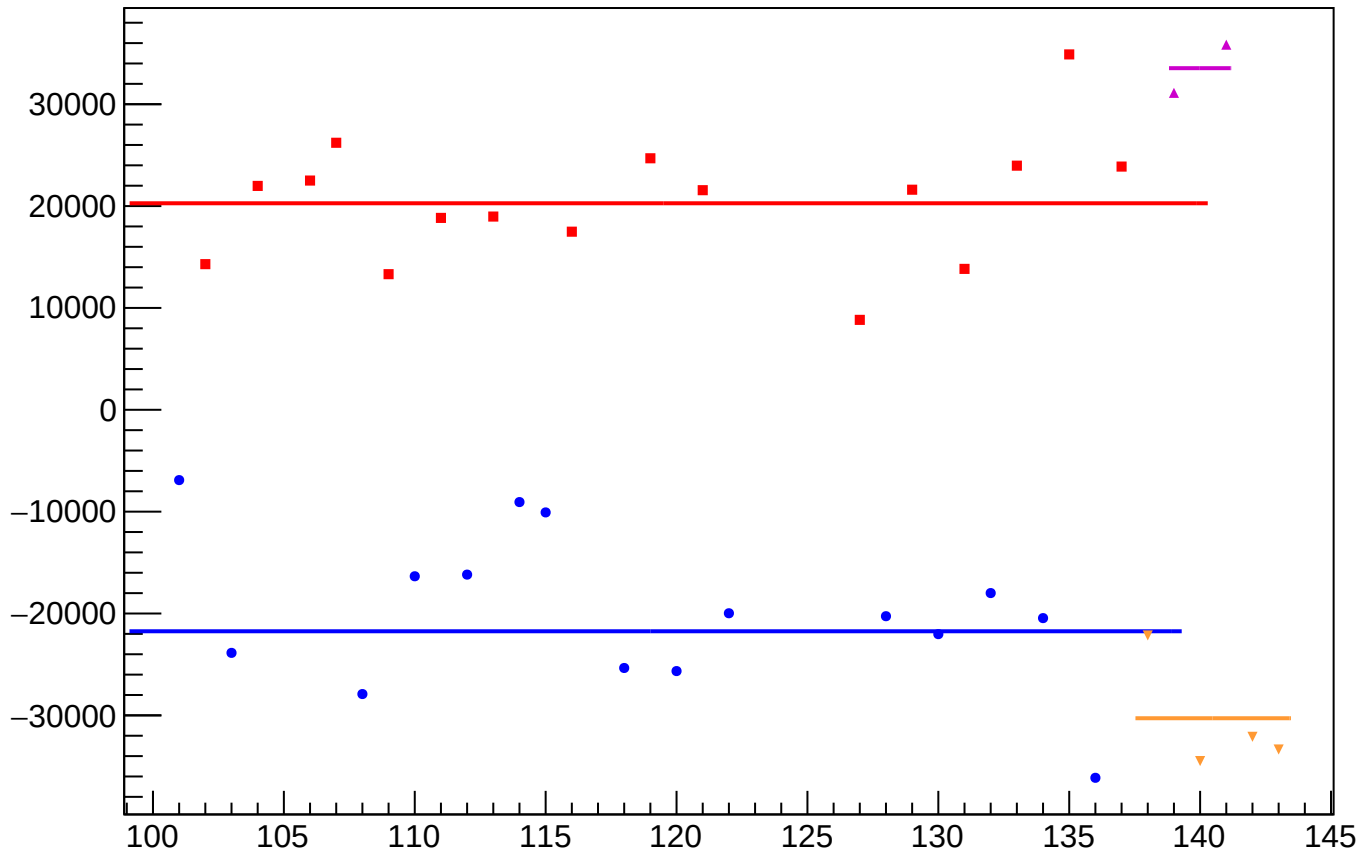
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

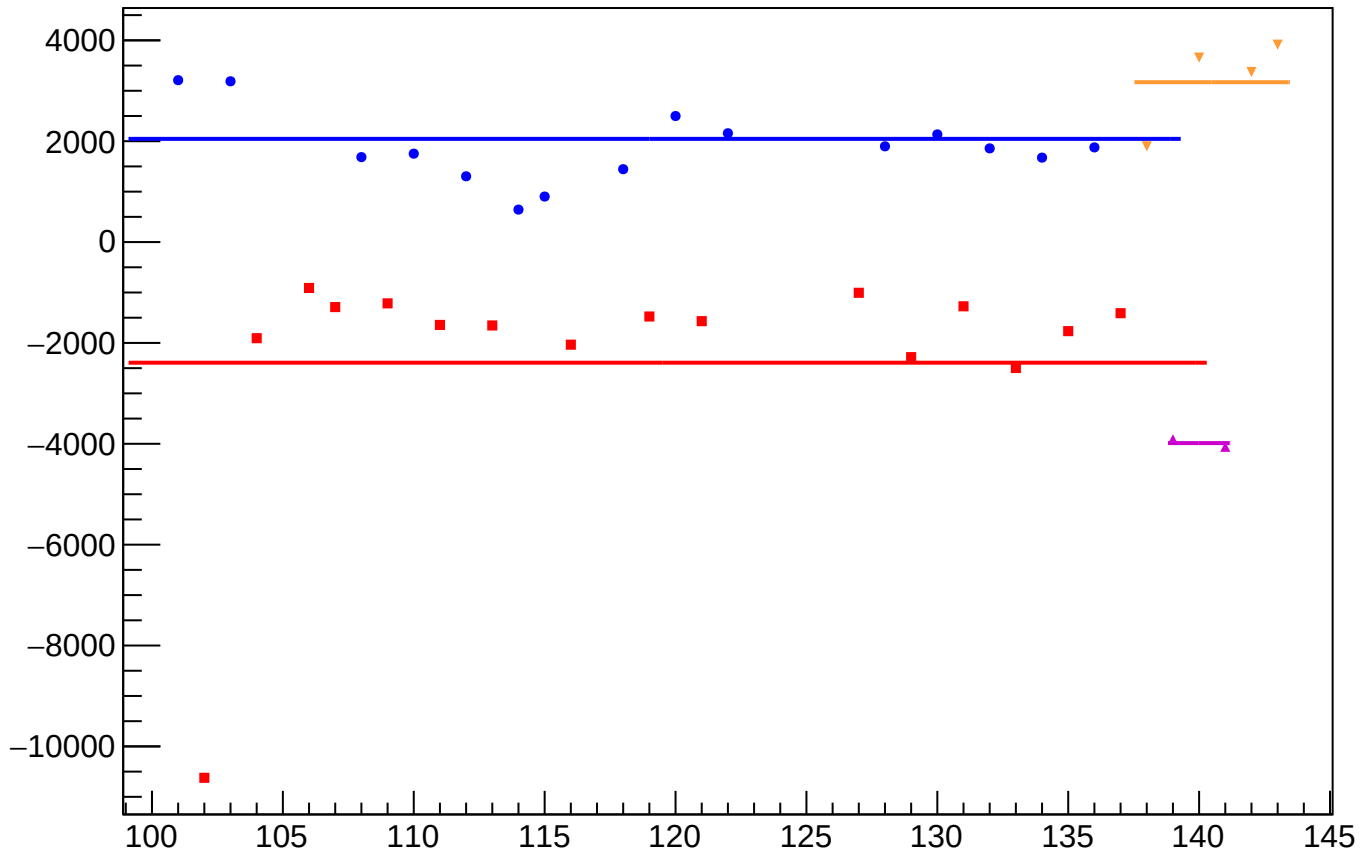
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atr2_coil1_mean vs Slug, Sign Corrected



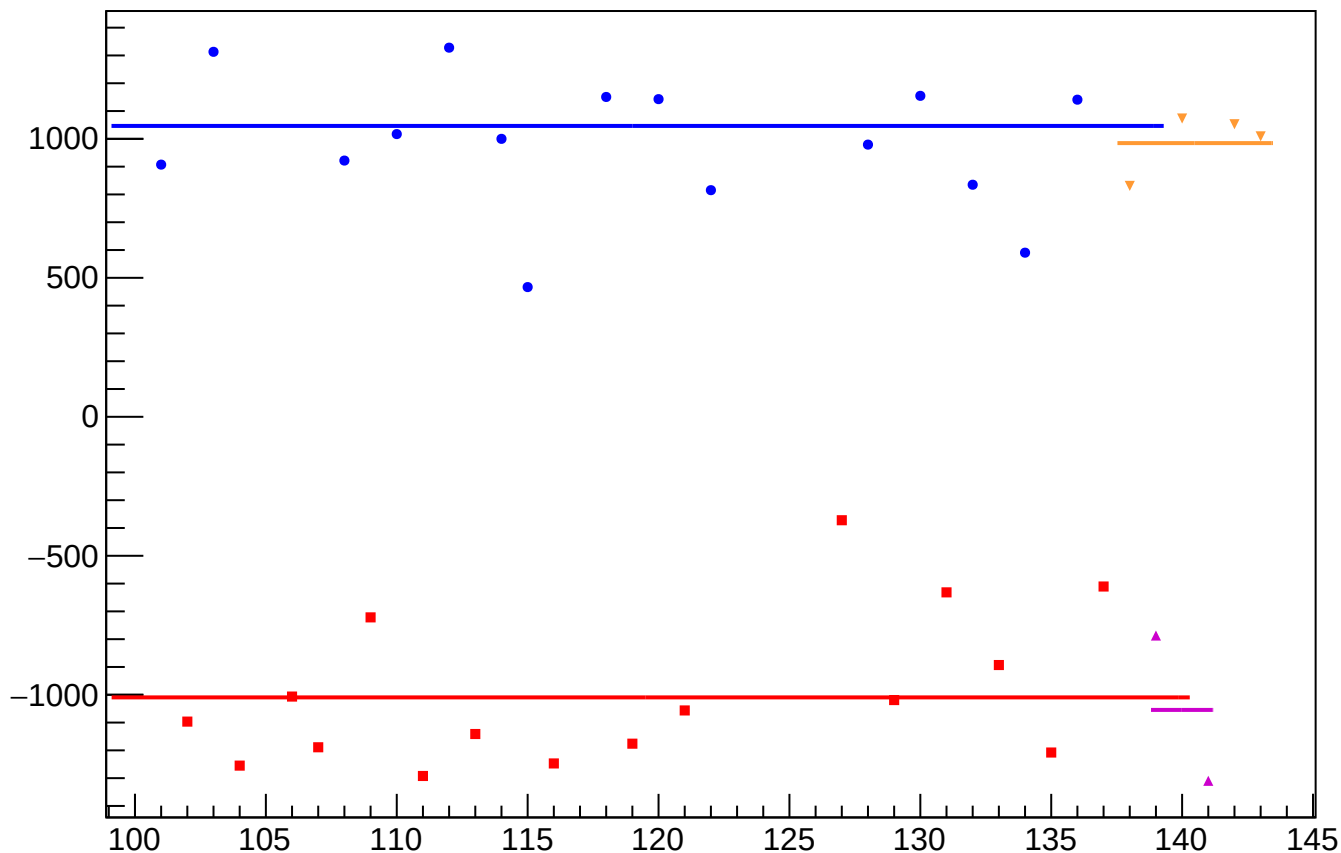
Right In: -21743.360 ± 0.000 $\chi^2/\text{NDF}: 41106858823579527325198675675398793068544.0/14$
 Left Out: -30282.271 ± 0.000 $\chi^2/\text{NDF}: 7388744856184900054168561337066175070208.0/3$
 Right Out: 20275.415 ± 0.000 $\chi^2/\text{NDF}: 25935869132092920231681532417627320745984.0/15$
 Left In: 33538.862 ± 0.000 $\chi^2/\text{NDF}: 927384634111121891341010023388515663872.0/1$

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



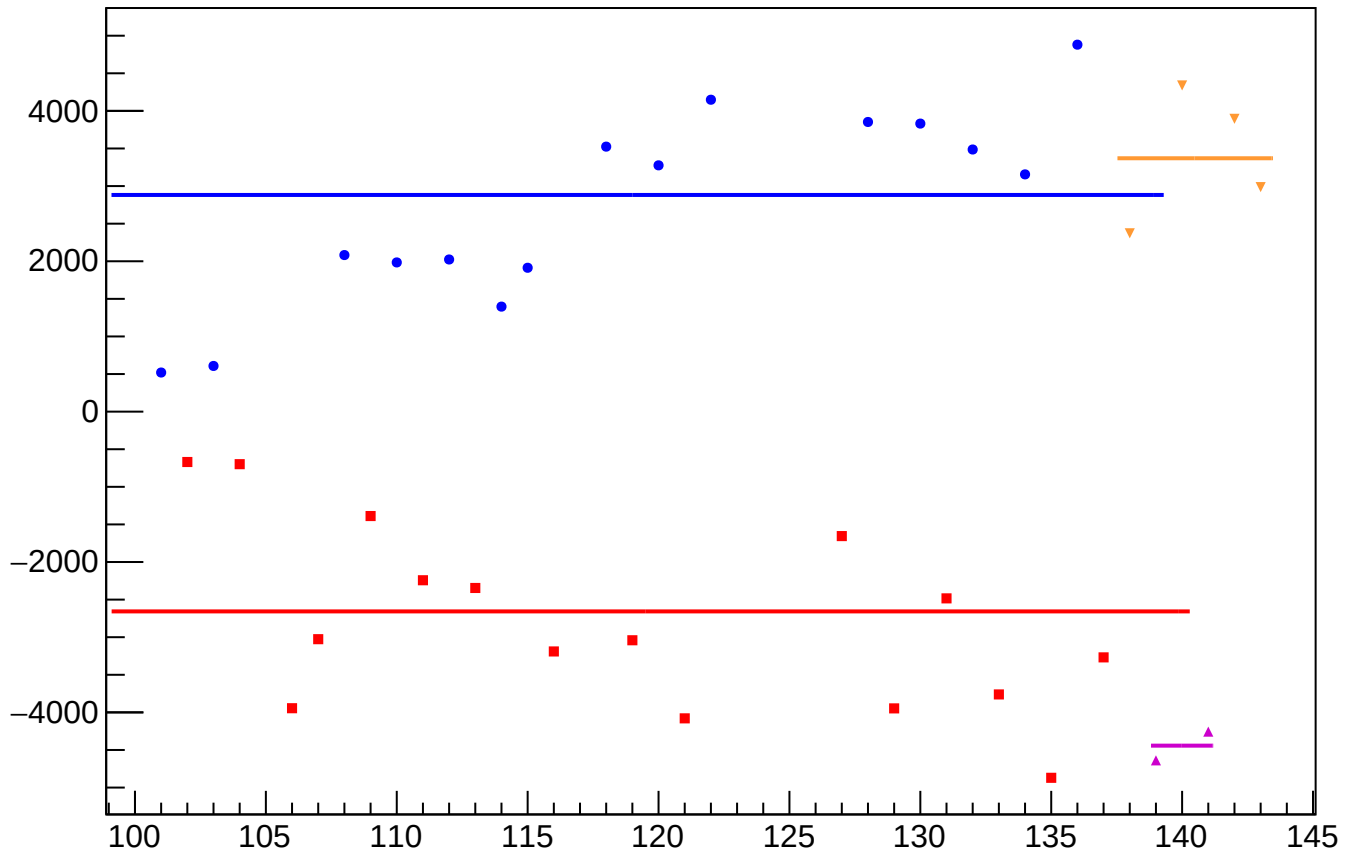
Right In: 2046.354 +/- 0.000 χ^2/NDF : 266555515927348892036833058355226345472.0/14
 Left Out: 3169.927 +/- 0.000 χ^2/NDF : 184631247266405720127844960372135034880.0/3
 Right Out: -2391.939 +/- 0.000 χ^2/NDF : 4415294964789778815259357544579499819008.0/15
 Left In: -3986.061 +/- 0.000 χ^2/NDF : 924172041771718546173609546906337280.0/1

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



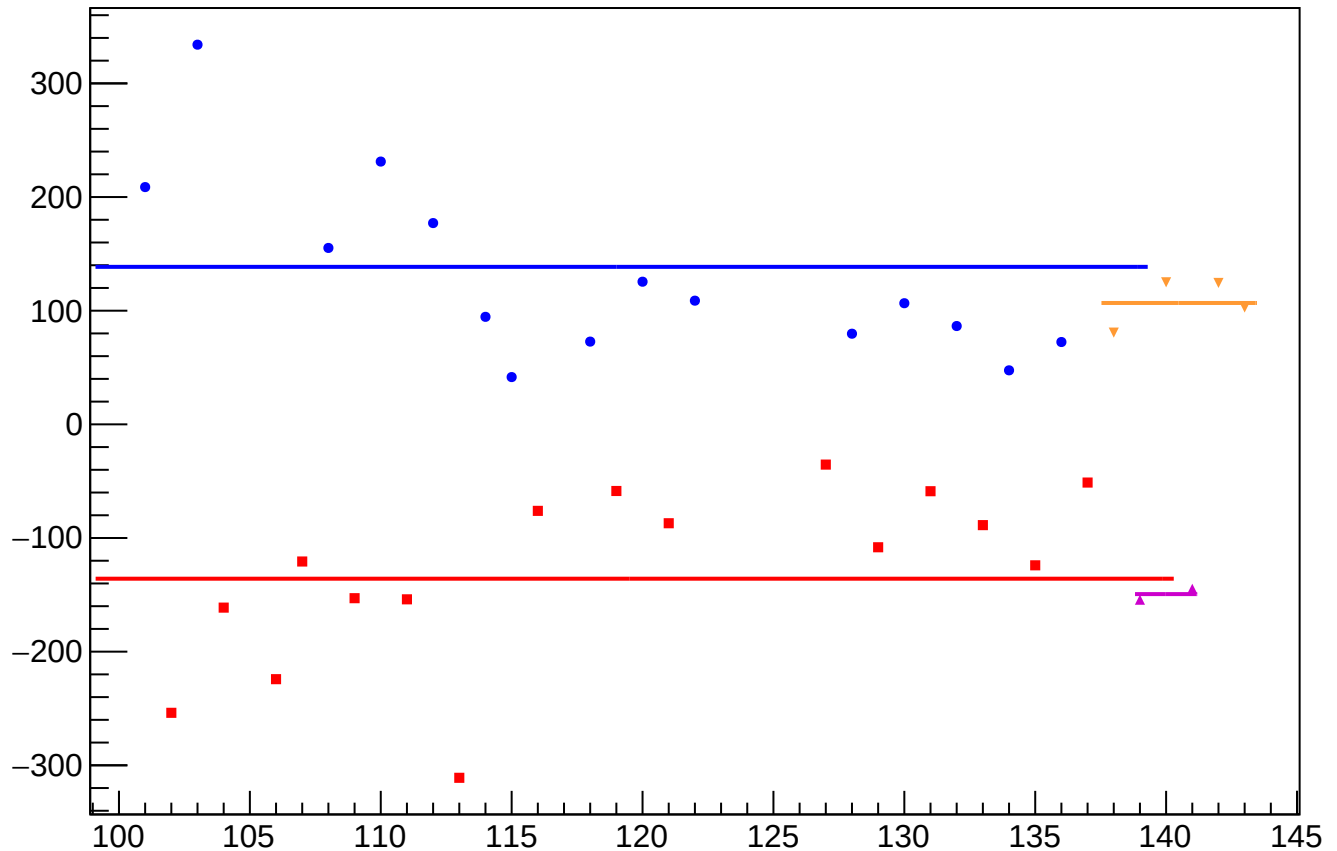
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3
 Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: -1054.494 ± 0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

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: -4442.394 +/- 0.000 χ^2/NDF : 6053450054791983904415046411579555840.0/1

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



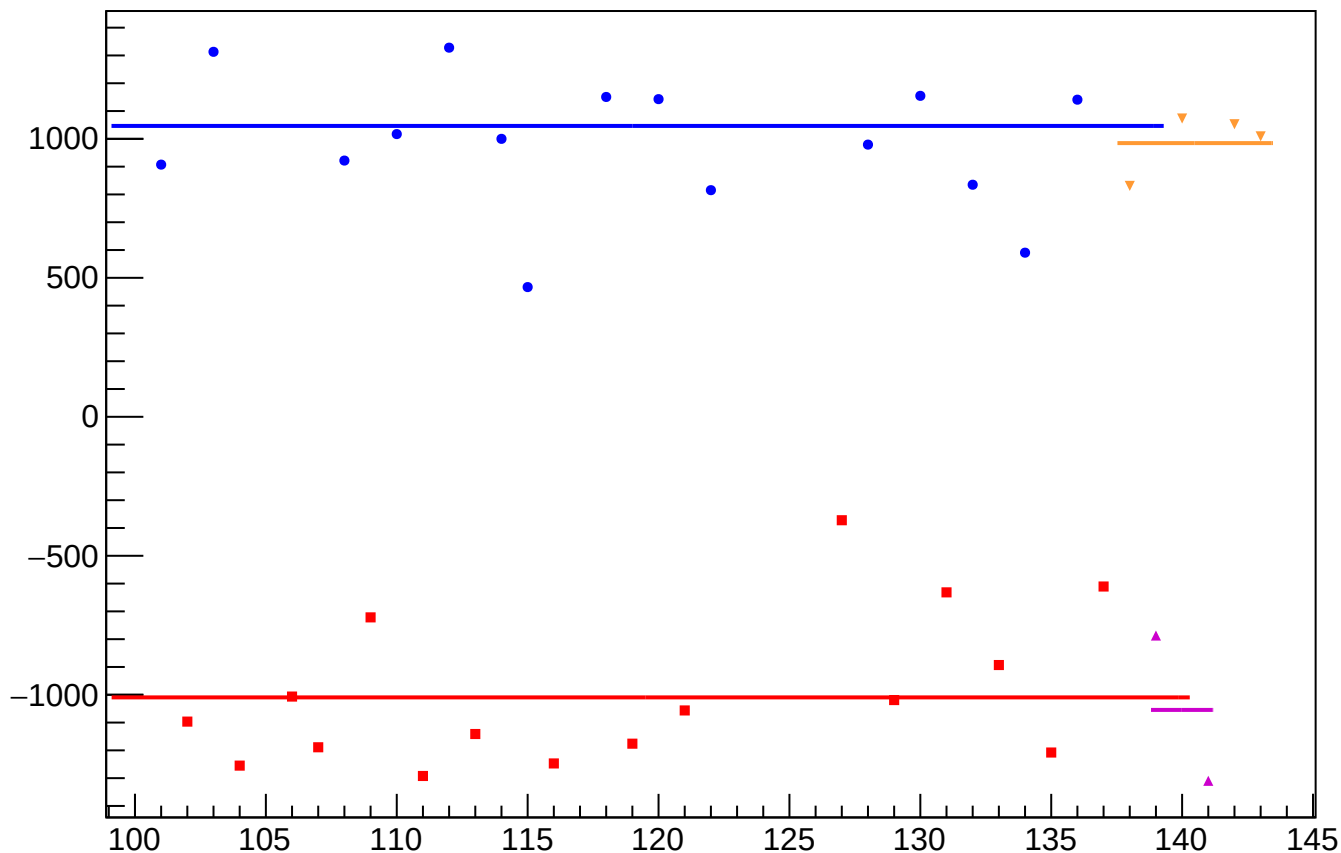
Right In: 138.577 $\pm$ 0.000 χ^2 /NDF: 4242369889979811373883774021335515136.0/14

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: -149.360 $\pm$ 0.000 χ^2 /NDF: 3854310868698127117572258530328576.0/1

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



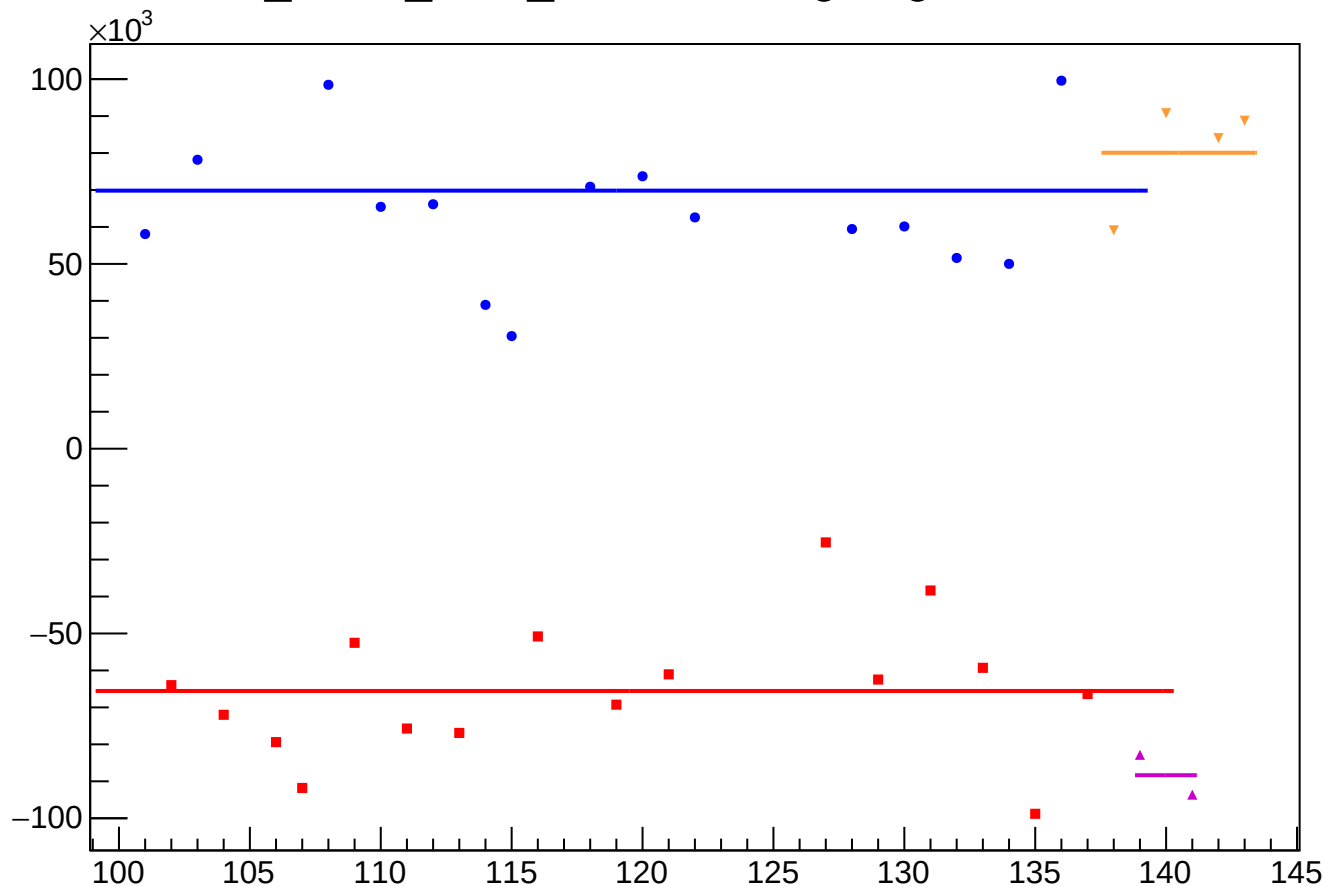
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

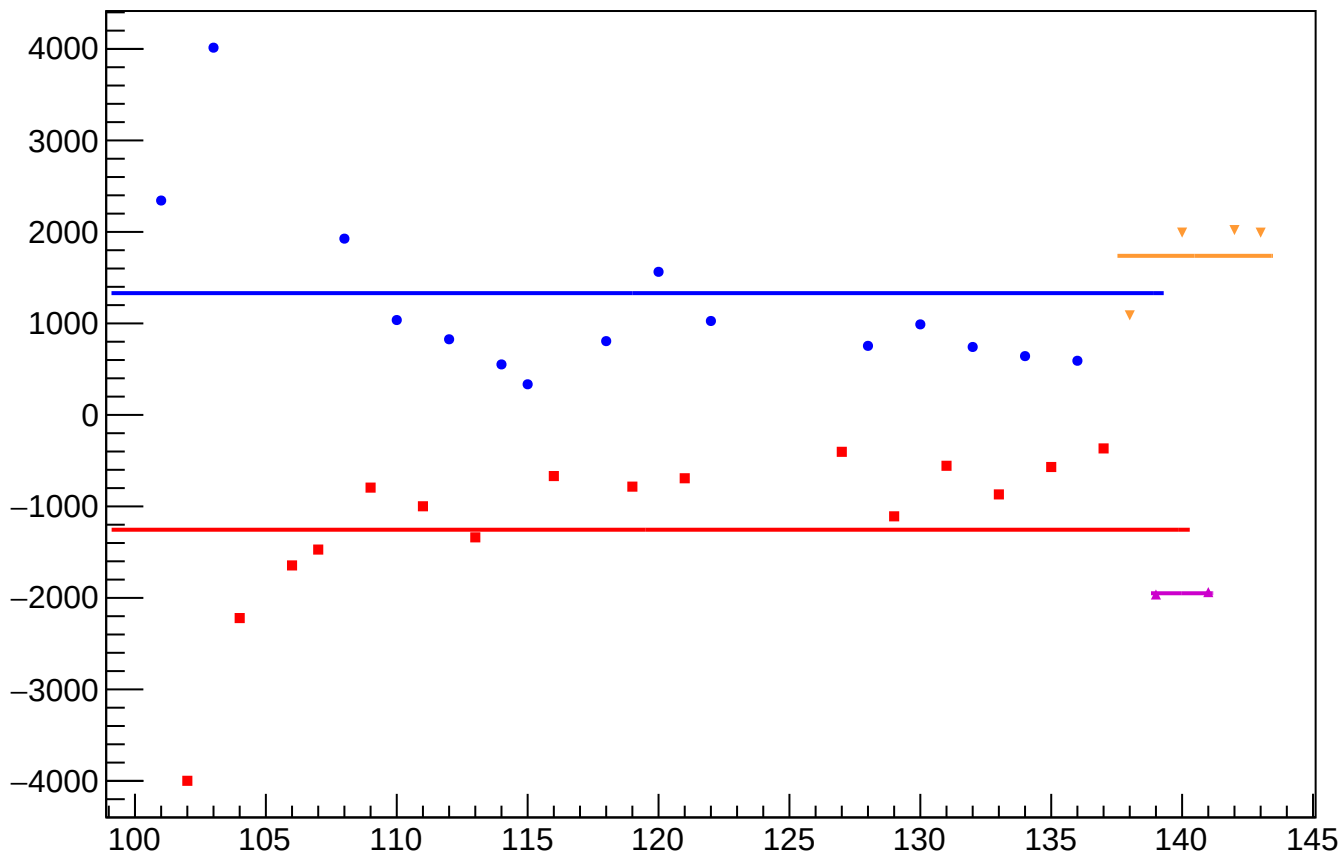
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam2_coil1_mean vs Slug, Sign Corrected



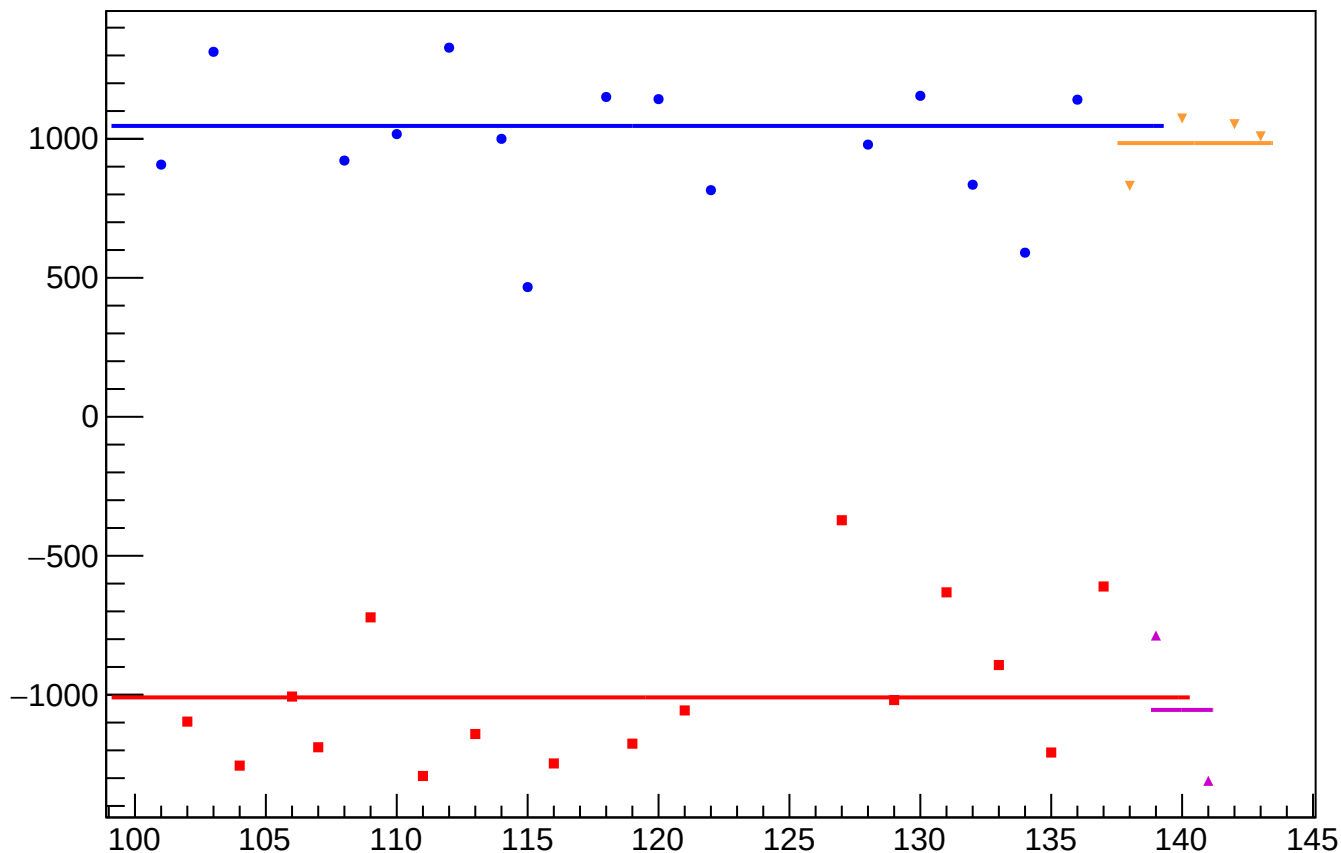
Right In: 69827.797 $\pm$ 0.000 χ^2 /NDF: 187803282116493131197684060541288926150656.0/14
 Left Out: 80081.094 $\pm$ 0.000 χ^2 /NDF: 49510037583887881347231610412118887628800.0/3
 Right Out: -65555.147 $\pm$ 0.000 χ^2 /NDF: 212001467811386750910625783195999741673472.0/15
 Left In: -88344.645 $\pm$ 0.000 χ^2 /NDF: 4814027674989859975264681620030714019840.0/1

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: -1949.324 +/- 0.000 χ^2/NDF : 27743415369310179562792274272190464.0/1

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



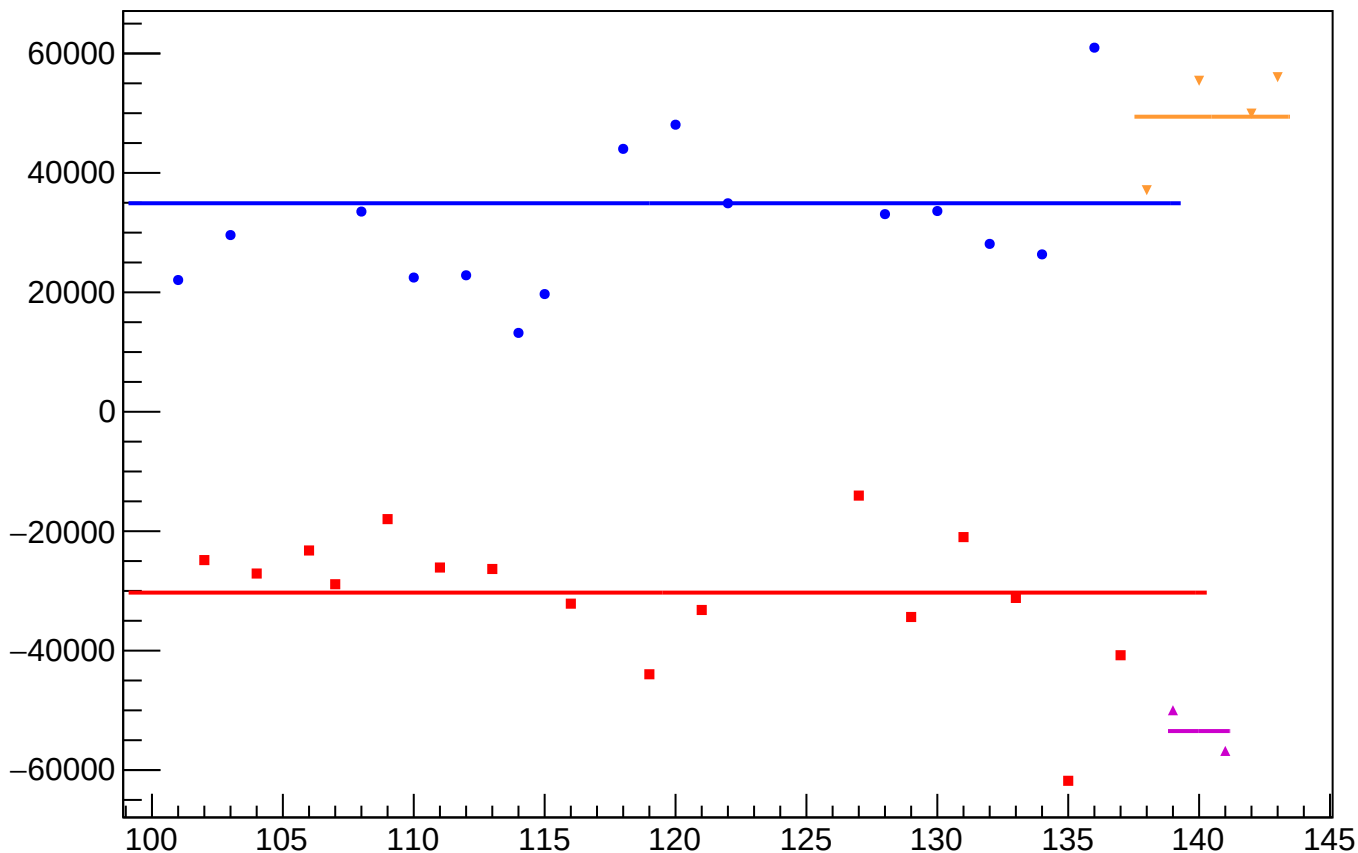
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

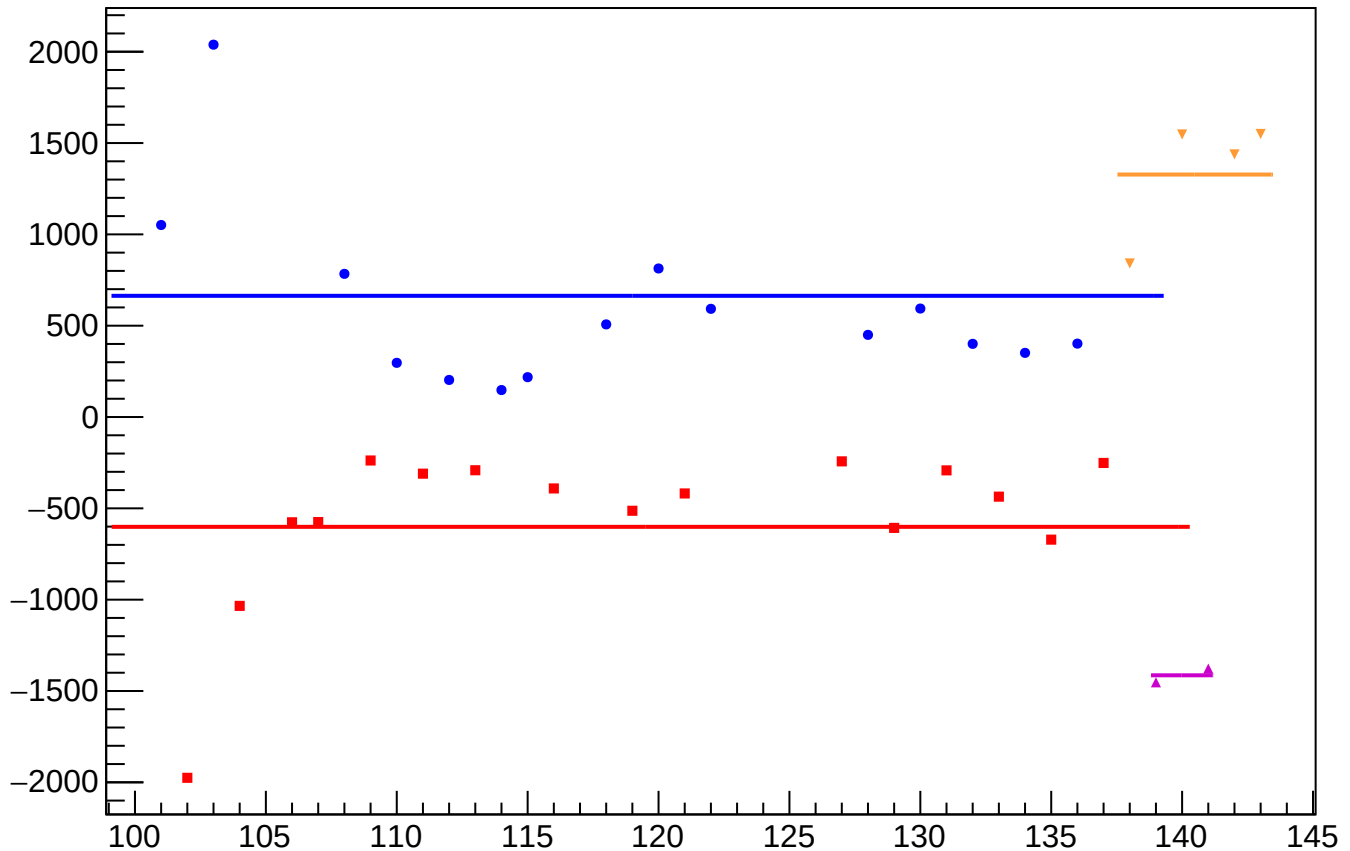
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

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: -53467.563+/-0.000 χ^2/NDF : 1923836453984607776348651316697387499520.0/1

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



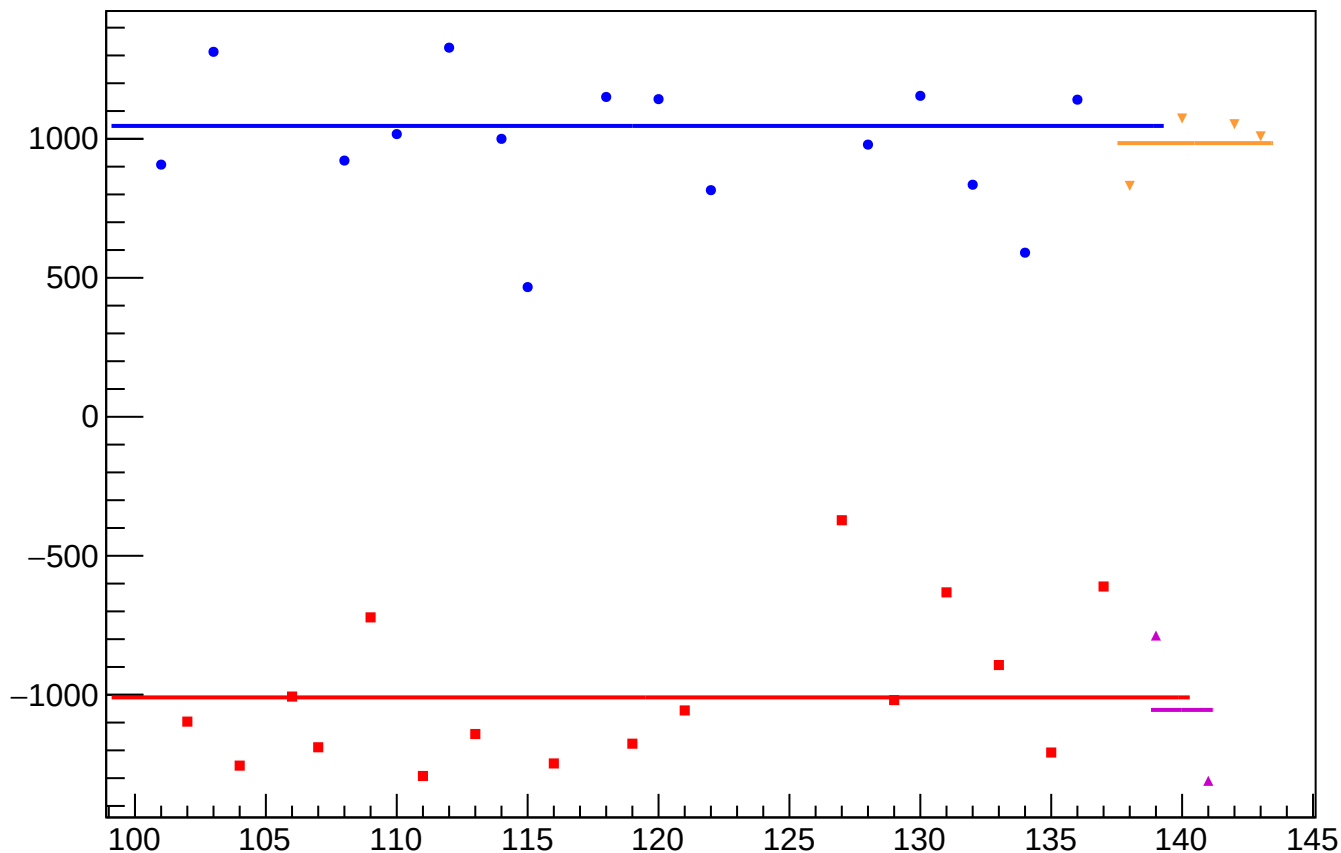
Right In: 663.574 +/- 0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 1327.589 +/- 0.000 χ^2/NDF : 26292142748221616914618678027290148864.0/3

Right Out: -601.216 +/- 0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

Left In: -1414.069 +/- 0.000 χ^2/NDF : 233600664888010205360280308147027968.0/1

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



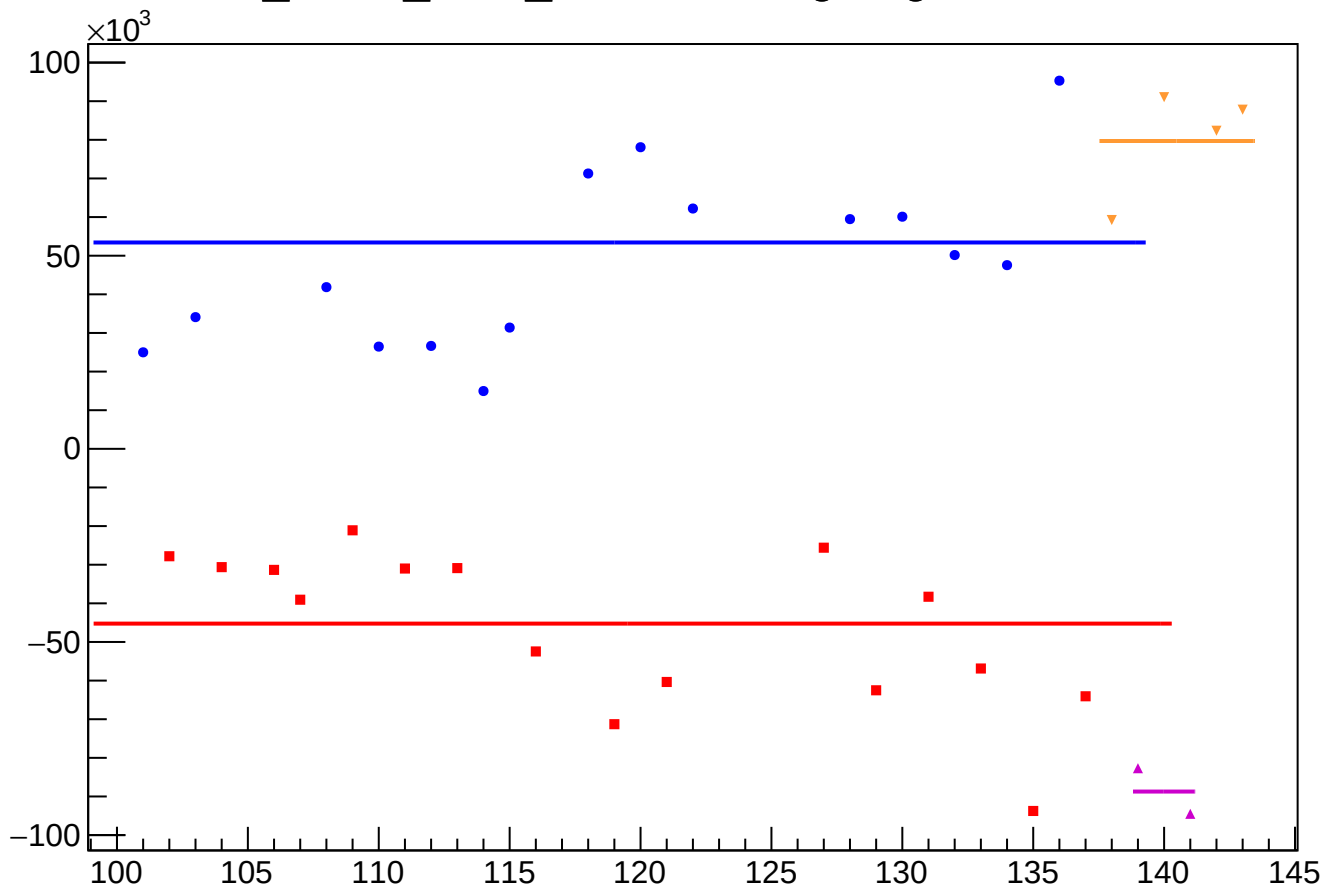
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

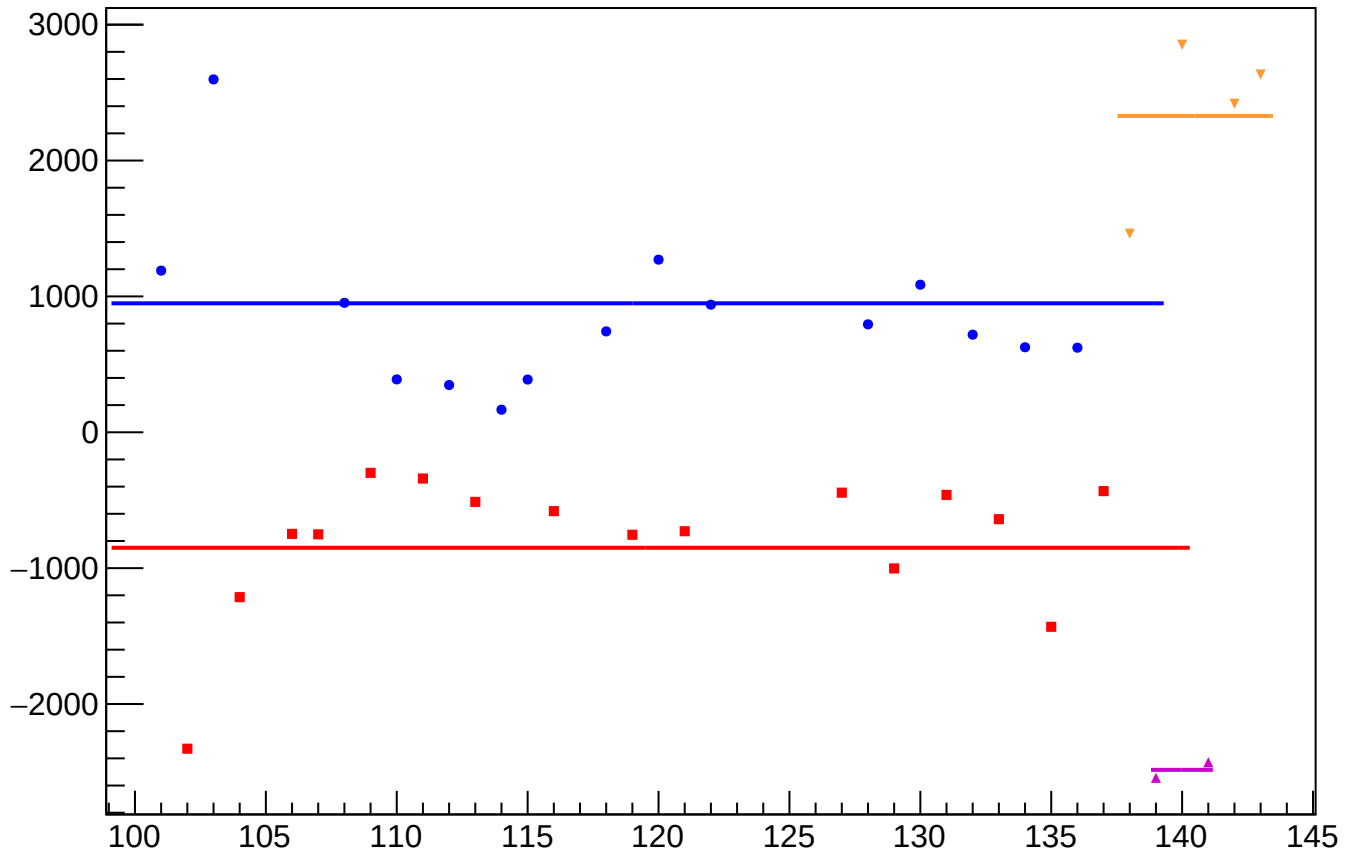
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 53422.452 ± 0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 79694.948 ± 0.000 χ^2/NDF : 47933304088285565729810946190919440793600.0/3
 Right Out: -45247.617 ± 0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: -88726.619 ± 0.000 χ^2/NDF : 5776677186666036905341987251144032780288.0/1

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



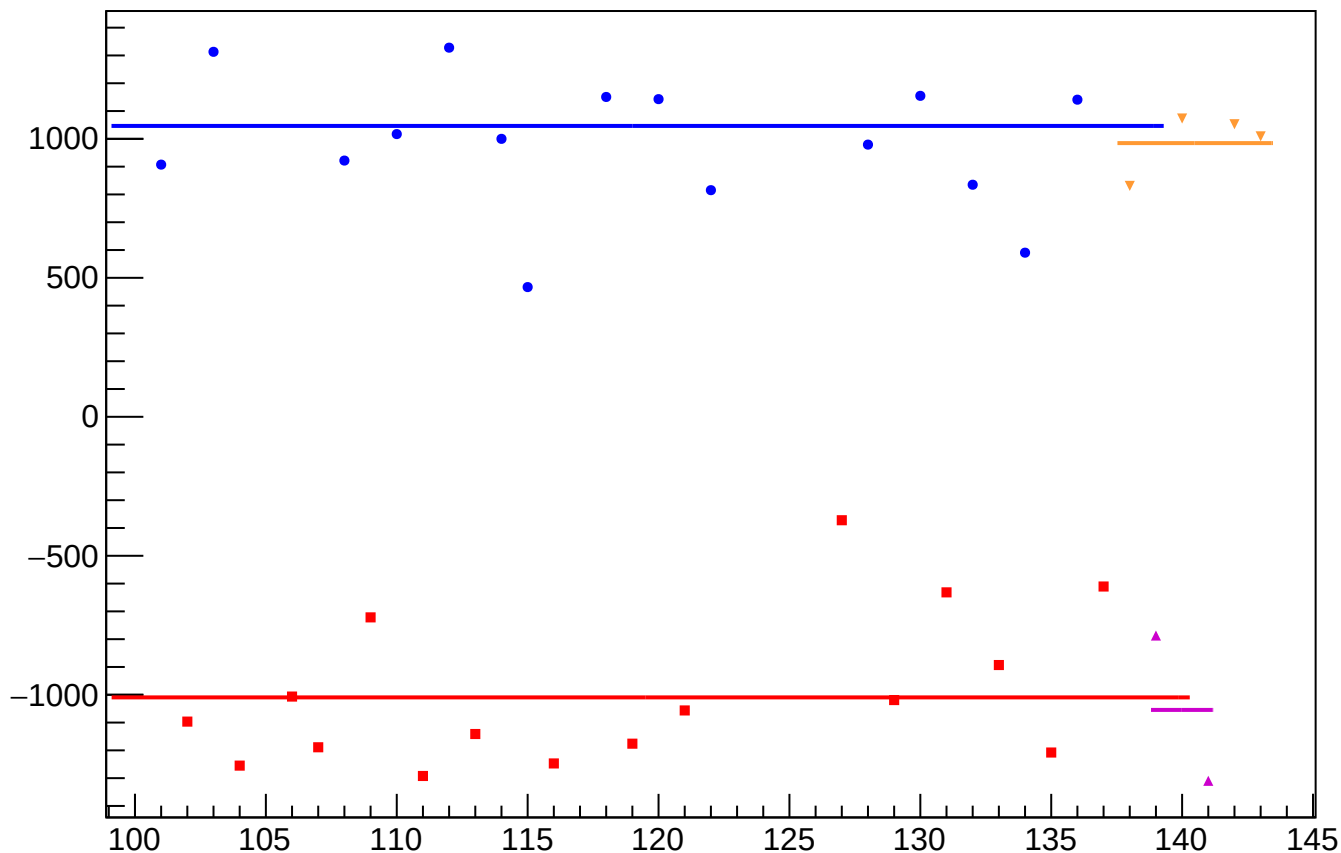
Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 2328.282+/-0.000 χ^2/NDF : 87718126422118032096356466270717083648.0/3

Right Out: -849.827+/-0.000 χ^2/NDF : 20462224261577247702227312745197338624.0/15

Left In: -2484.482+/-0.000 χ^2/NDF : 542022778435942644225131356243361792.0/1

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



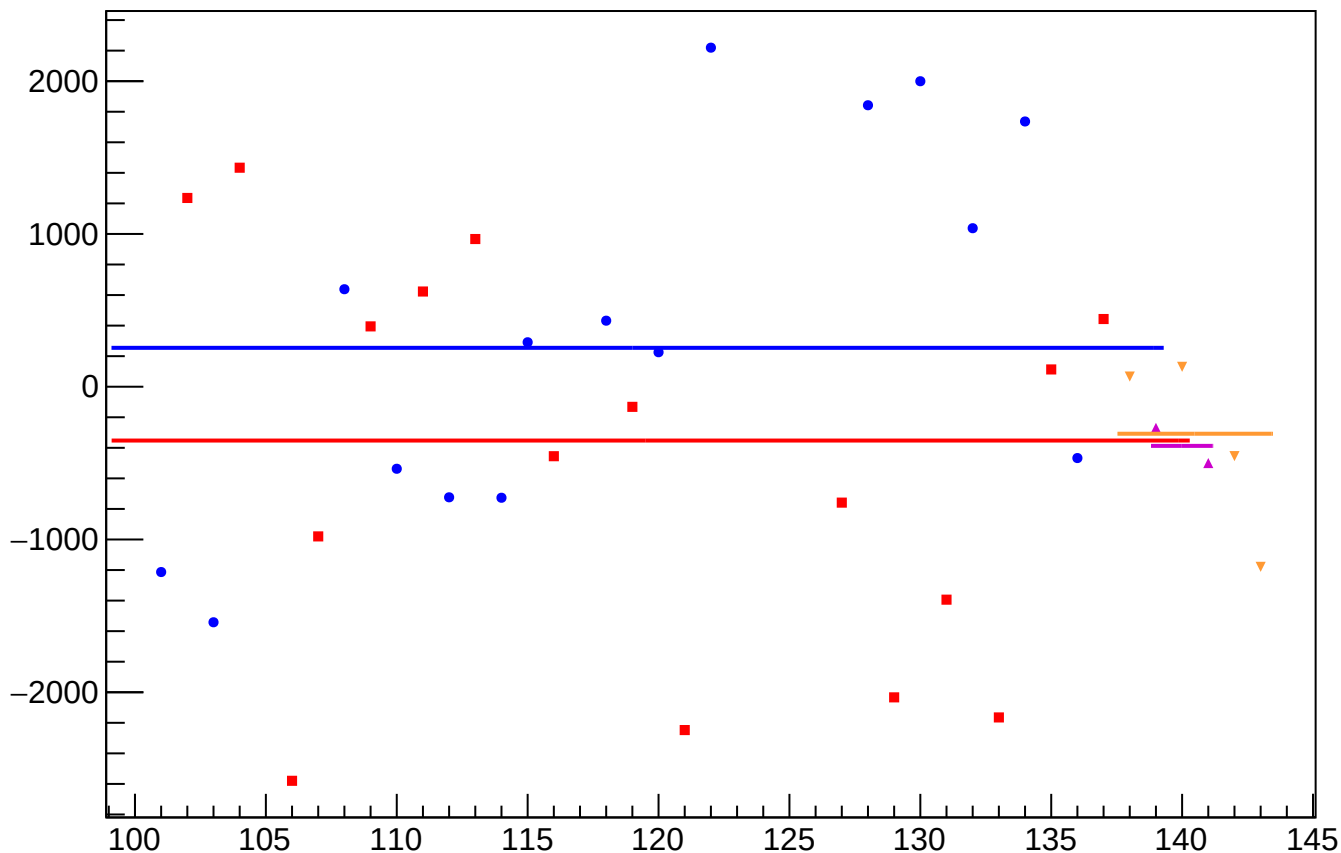
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

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: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam5_coil1_mean vs Slug, Sign Corrected



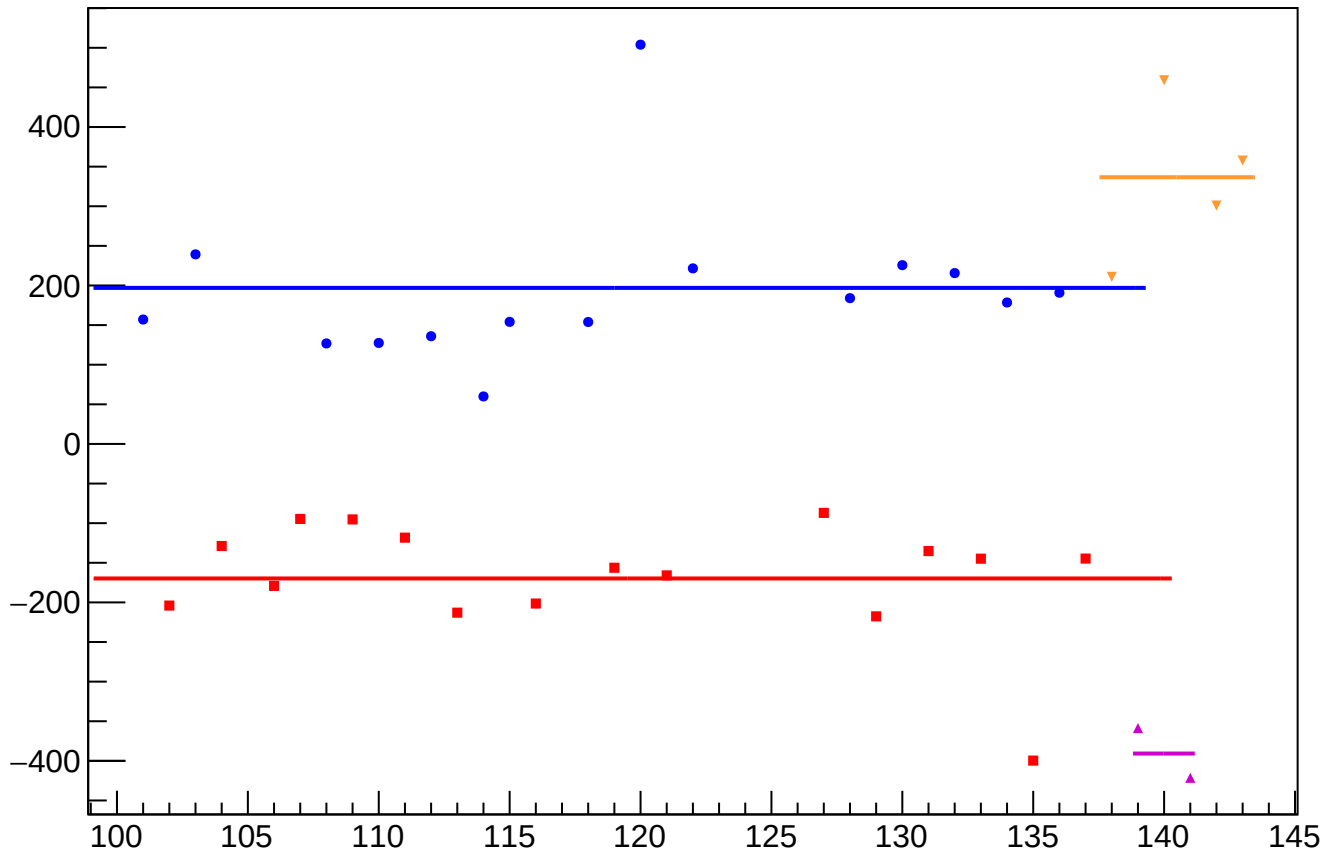
Right In: 254.578 +/- 0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

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: -387.229 +/- 0.000 χ^2/NDF : 2201684348417300022304872528733011968.0/1

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



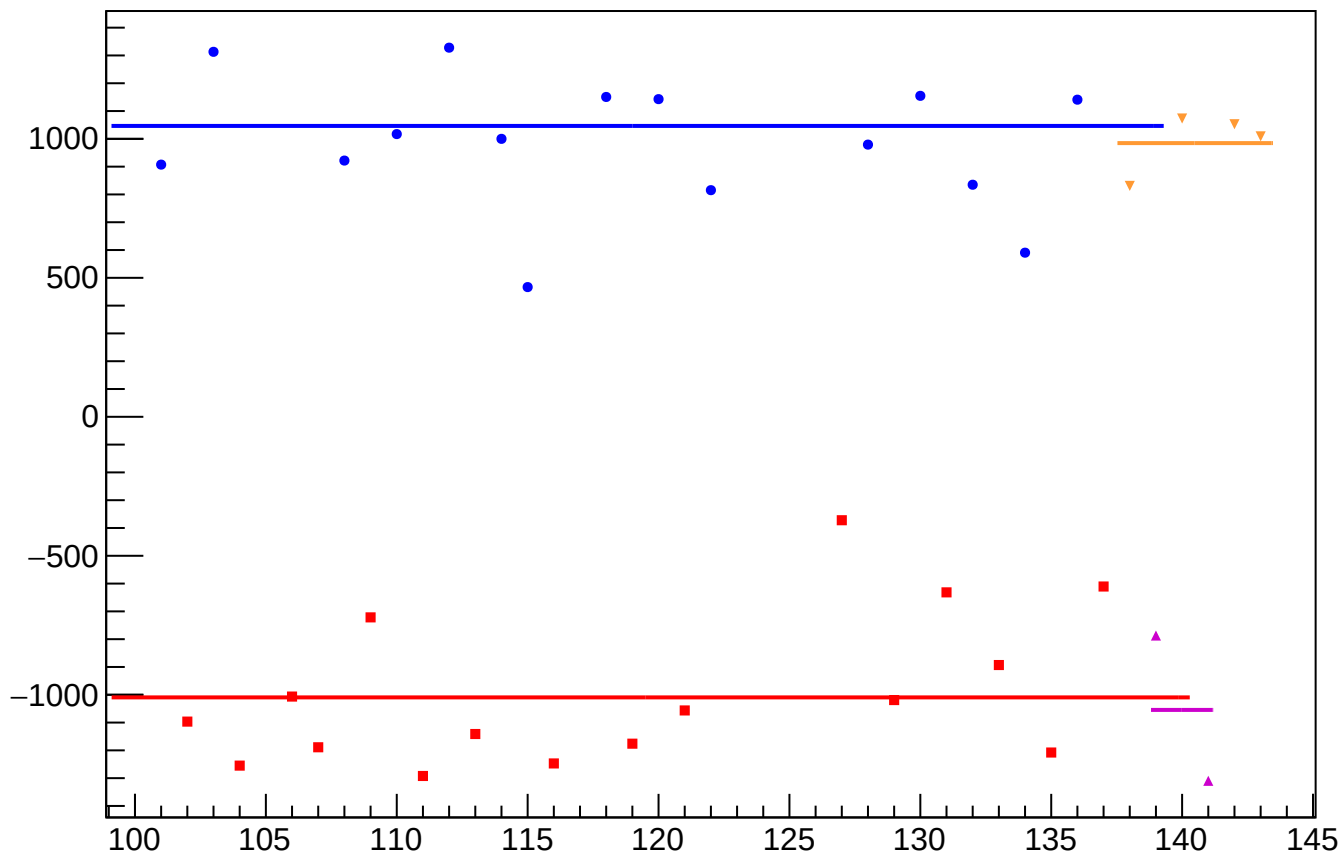
Right In: 196.955+/-0.000 χ^2/NDF : 4485245160329657914621372425838788608.0/14

Left Out: 336.620+/-0.000 χ^2/NDF : 2549102640247666581339087247494873088.0/3

Right Out: -169.778+/-0.000 χ^2/NDF : 3892609445494845784493558646385410048.0/15

Left In: -390.768+/-0.000 χ^2/NDF : 163263082949186463461948689076977664.0/1

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



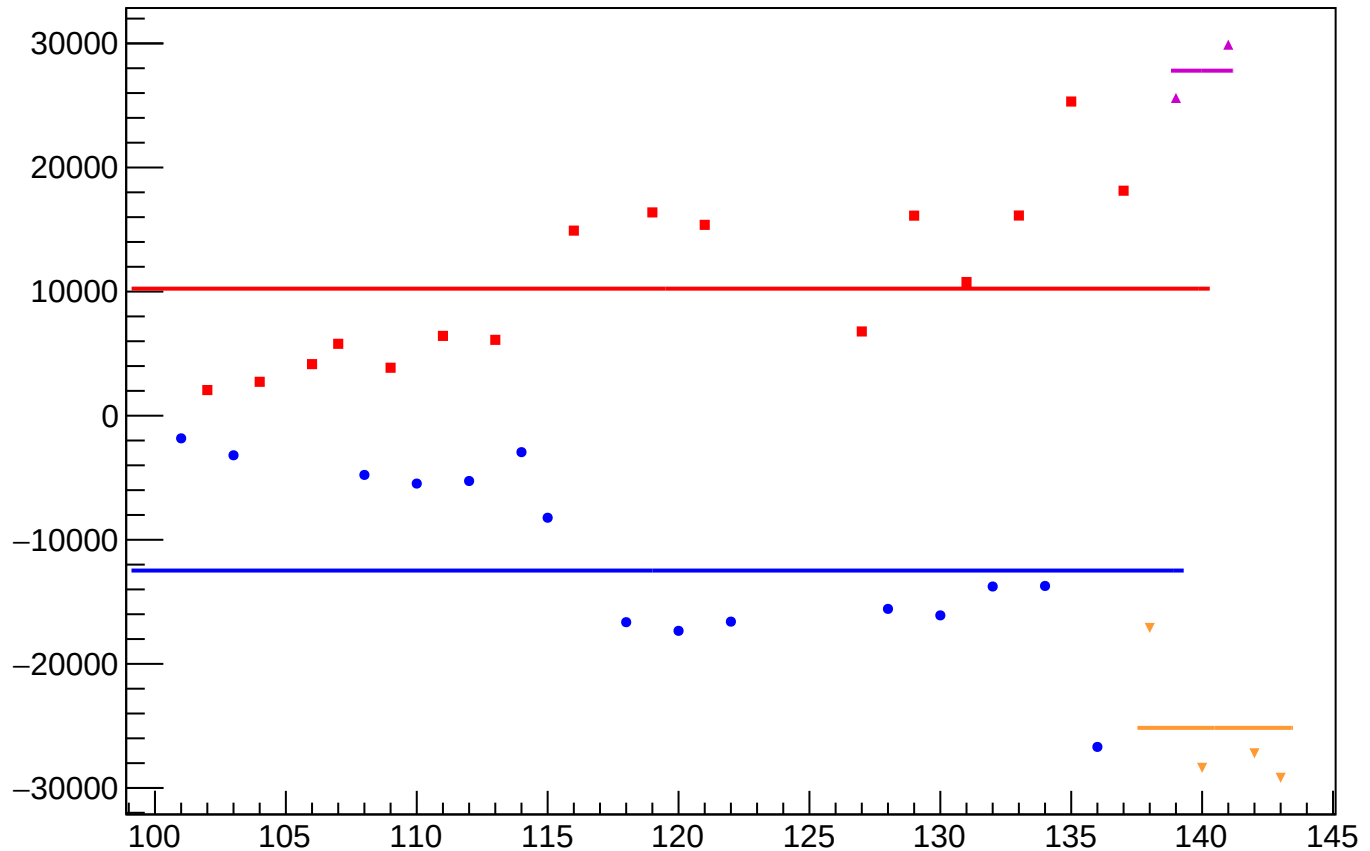
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

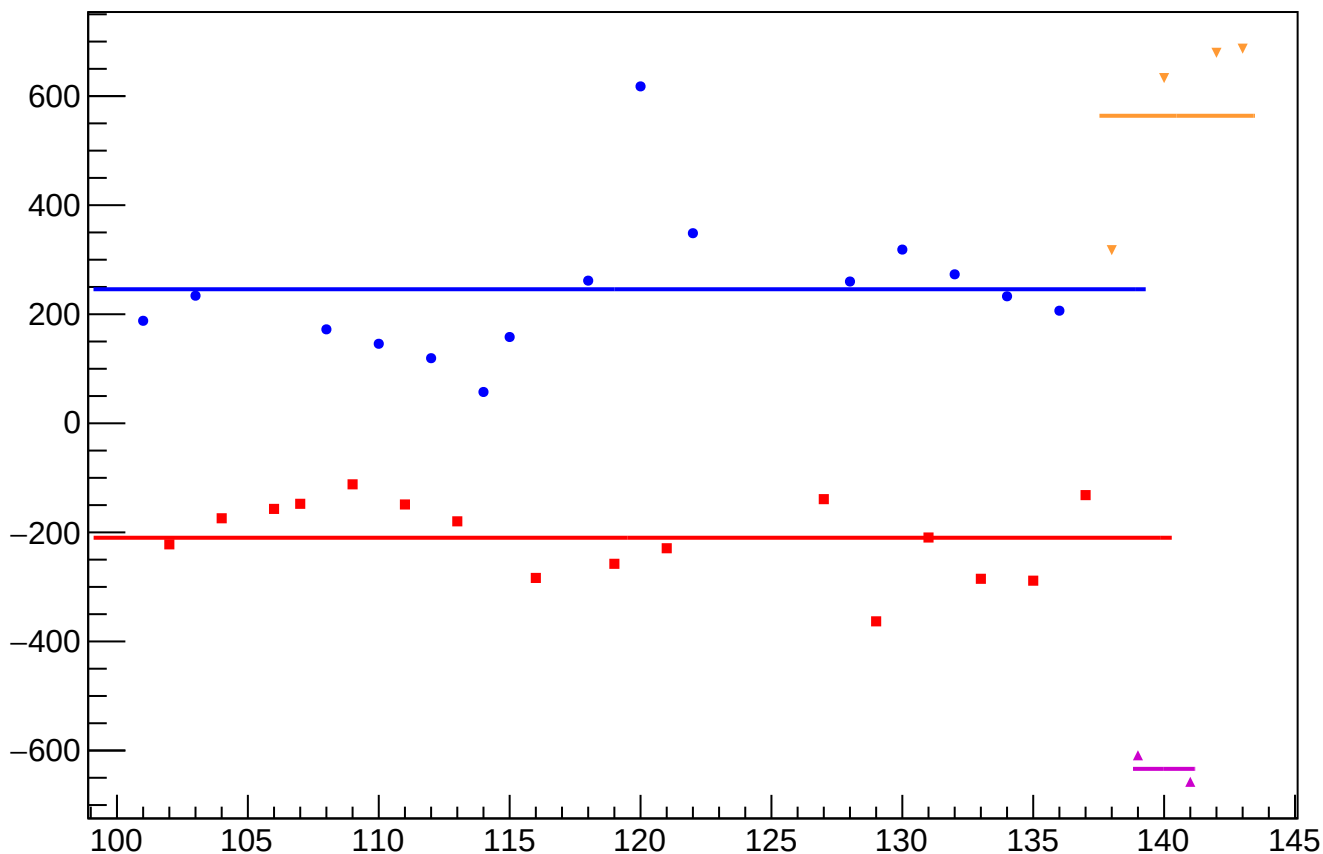
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

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: 27804.656+/-0.000 χ^2/NDF : 764059366713186182563579774663024181248.0/1

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



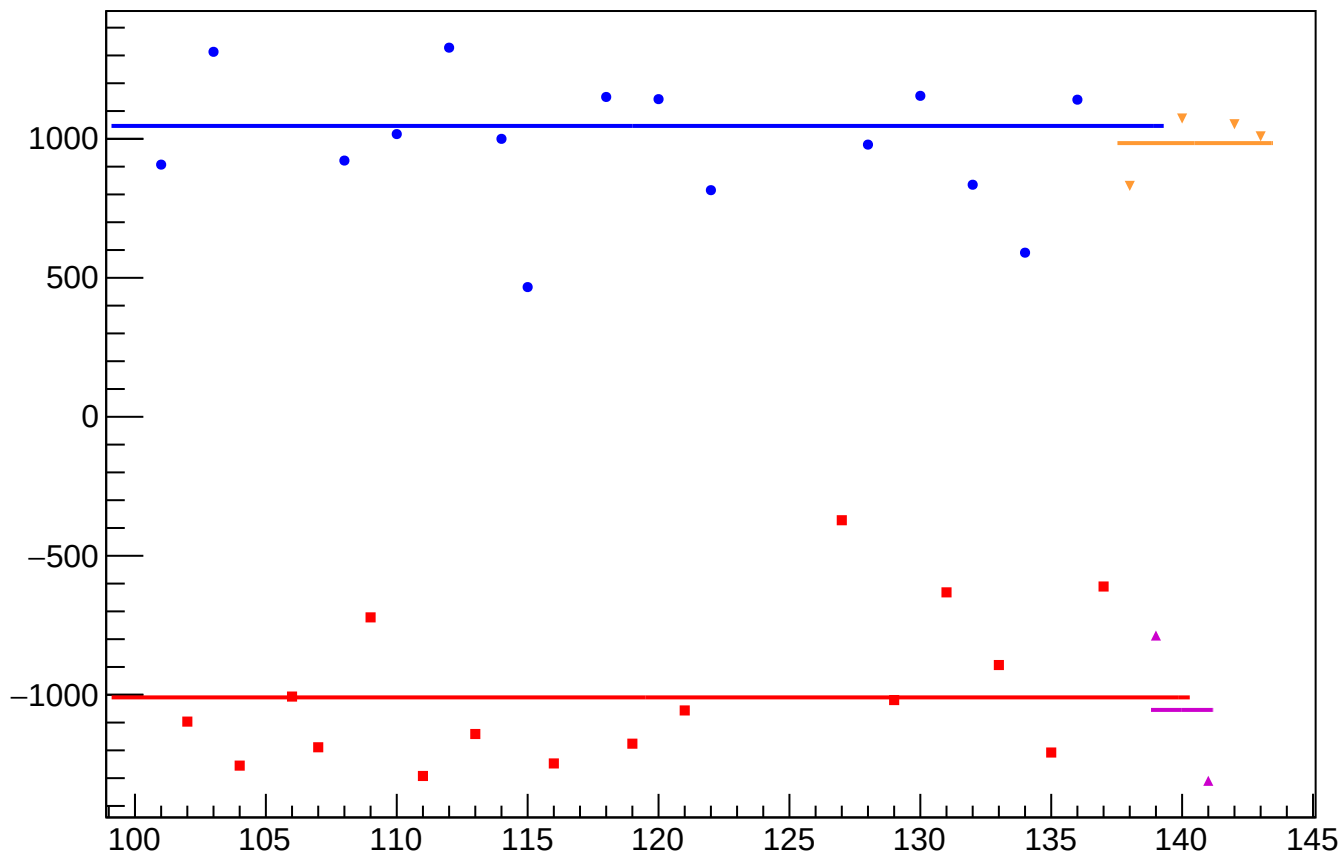
Right In: 245.832+/-0.000 χ^2/NDF : 7828269009300013139414476154059358208.0/14

Left Out: 563.942+/-0.000 χ^2/NDF : 6756923352279194283167281060692099072.0/3

Right Out: -209.844+/-0.000 χ^2/NDF : 3128489258838765241921217786024034304.0/15

Left In: -633.648+/-0.000 χ^2/NDF : 98067962733464980790340190025547776.0/1

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



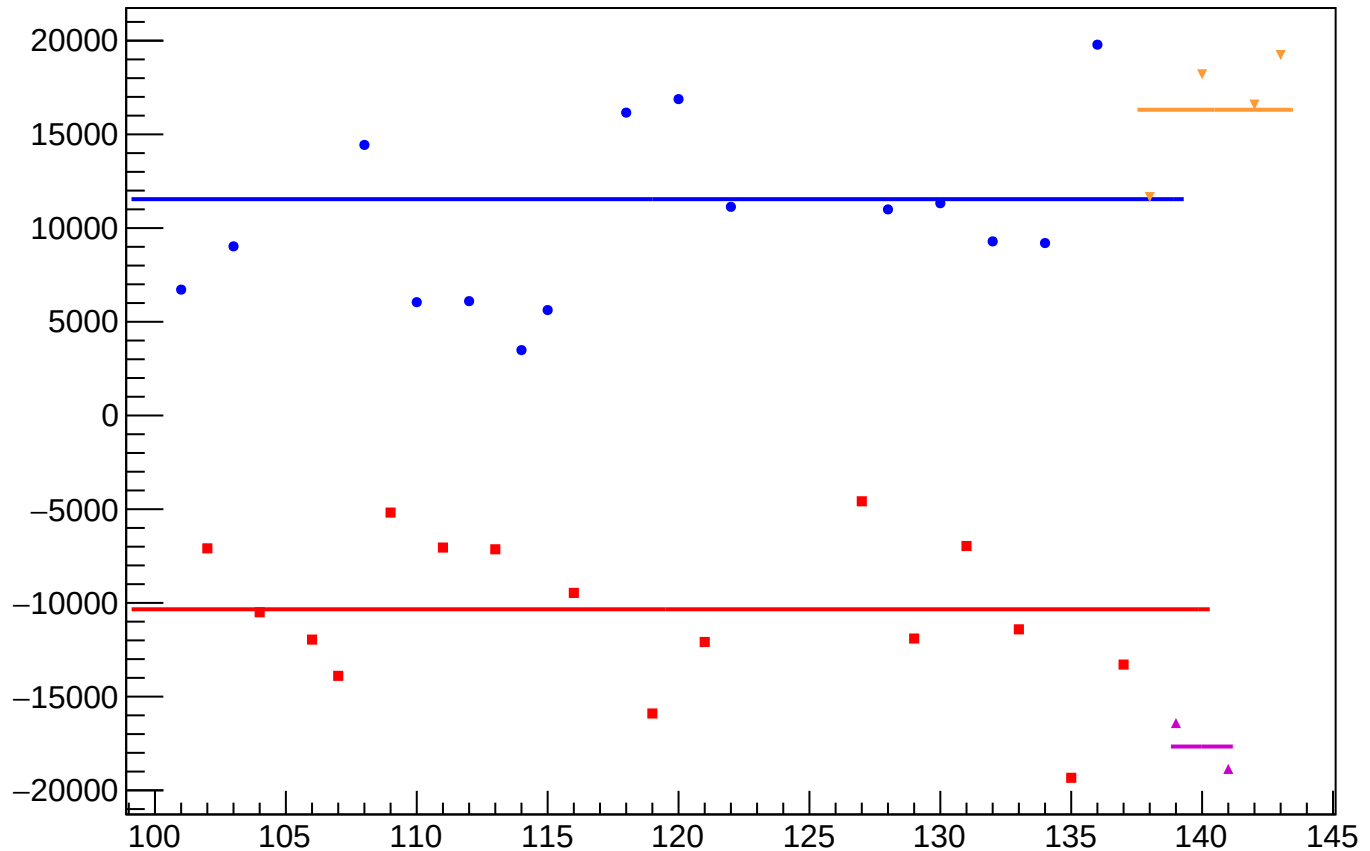
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

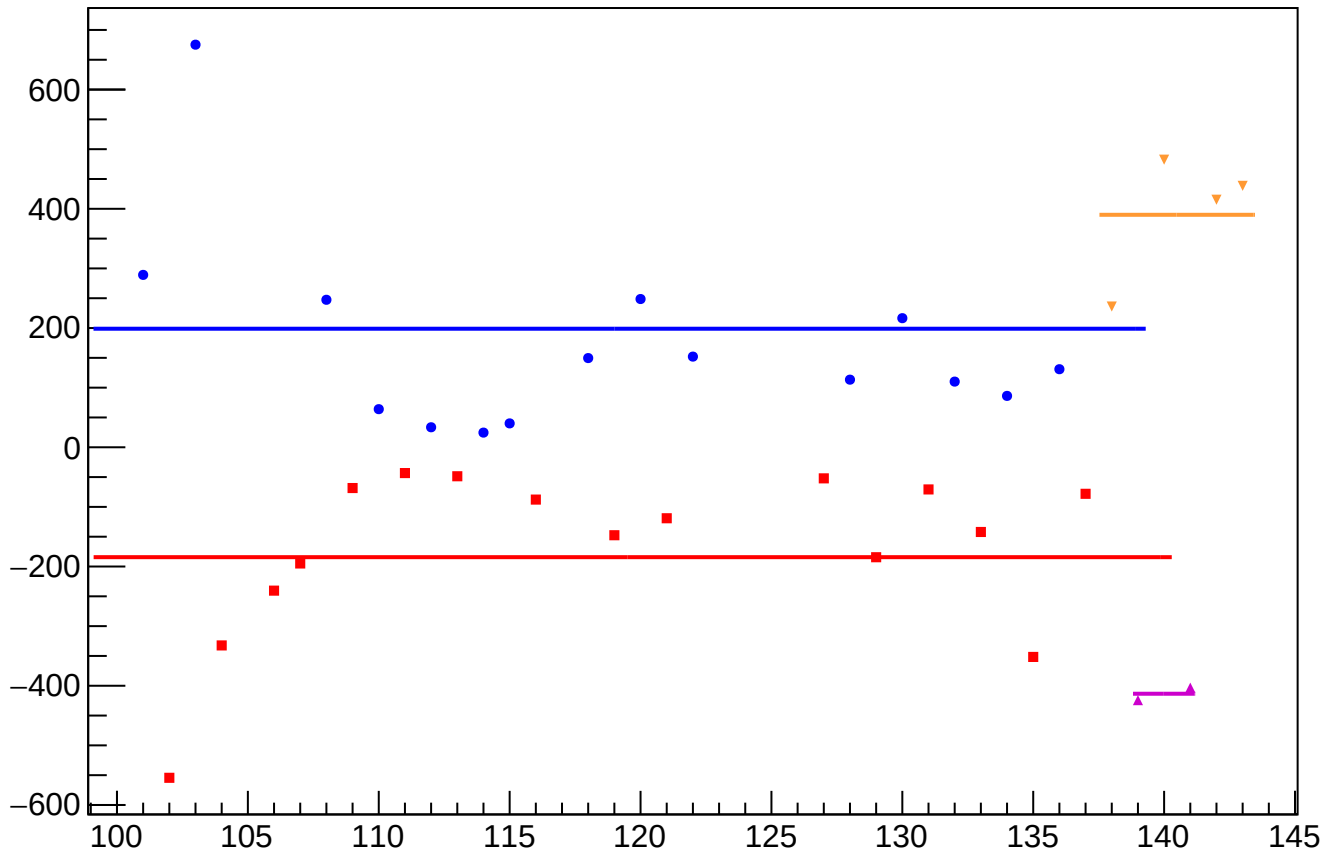
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

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: -17663.757 +/- 0.000 χ^2/NDF : 248579764309704587737268301598382096384.0/1

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



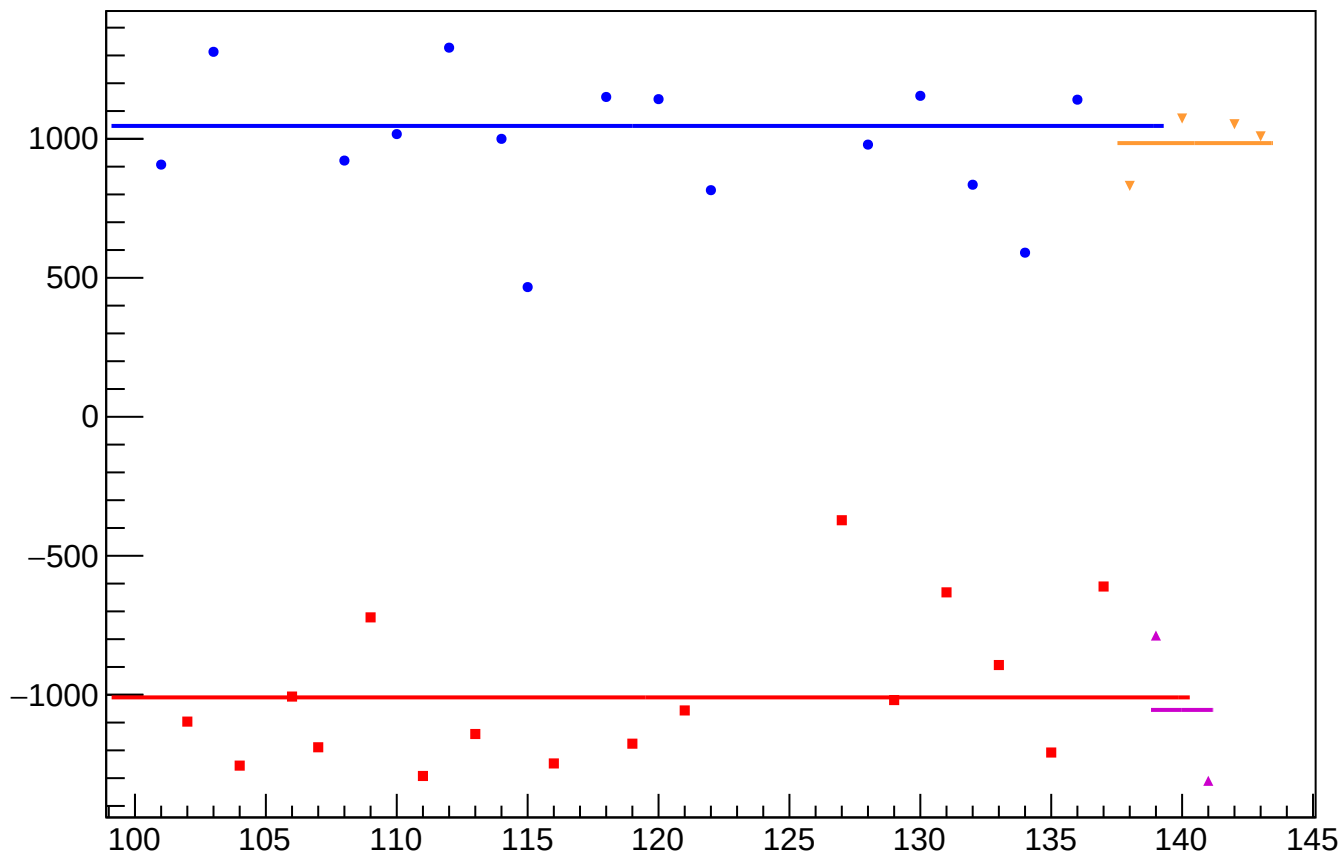
Right In: 198.850 +/- 0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

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: -413.399 +/- 0.000 χ^2/NDF : 18283109025082408247454436209721344.0/1

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



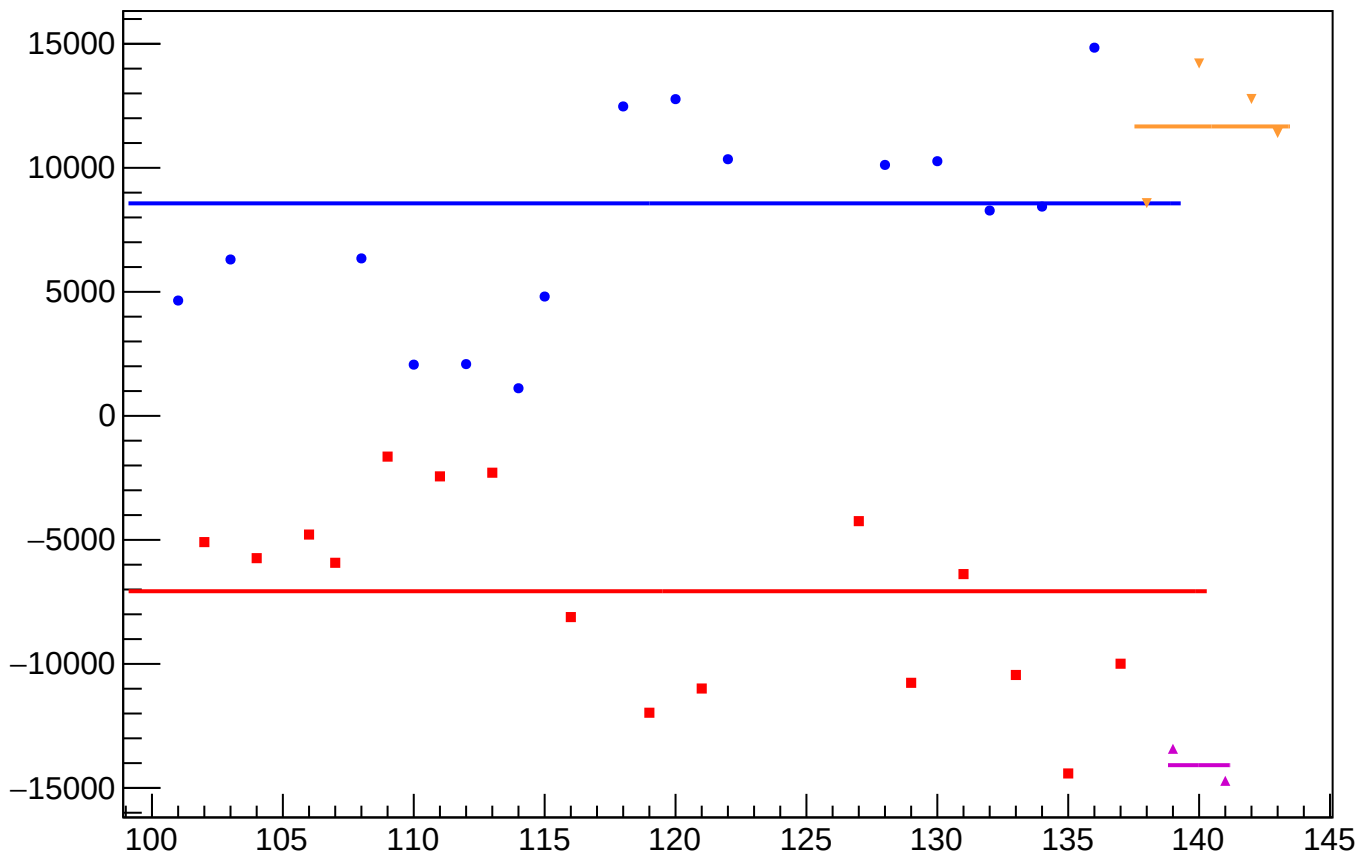
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681 ± 0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

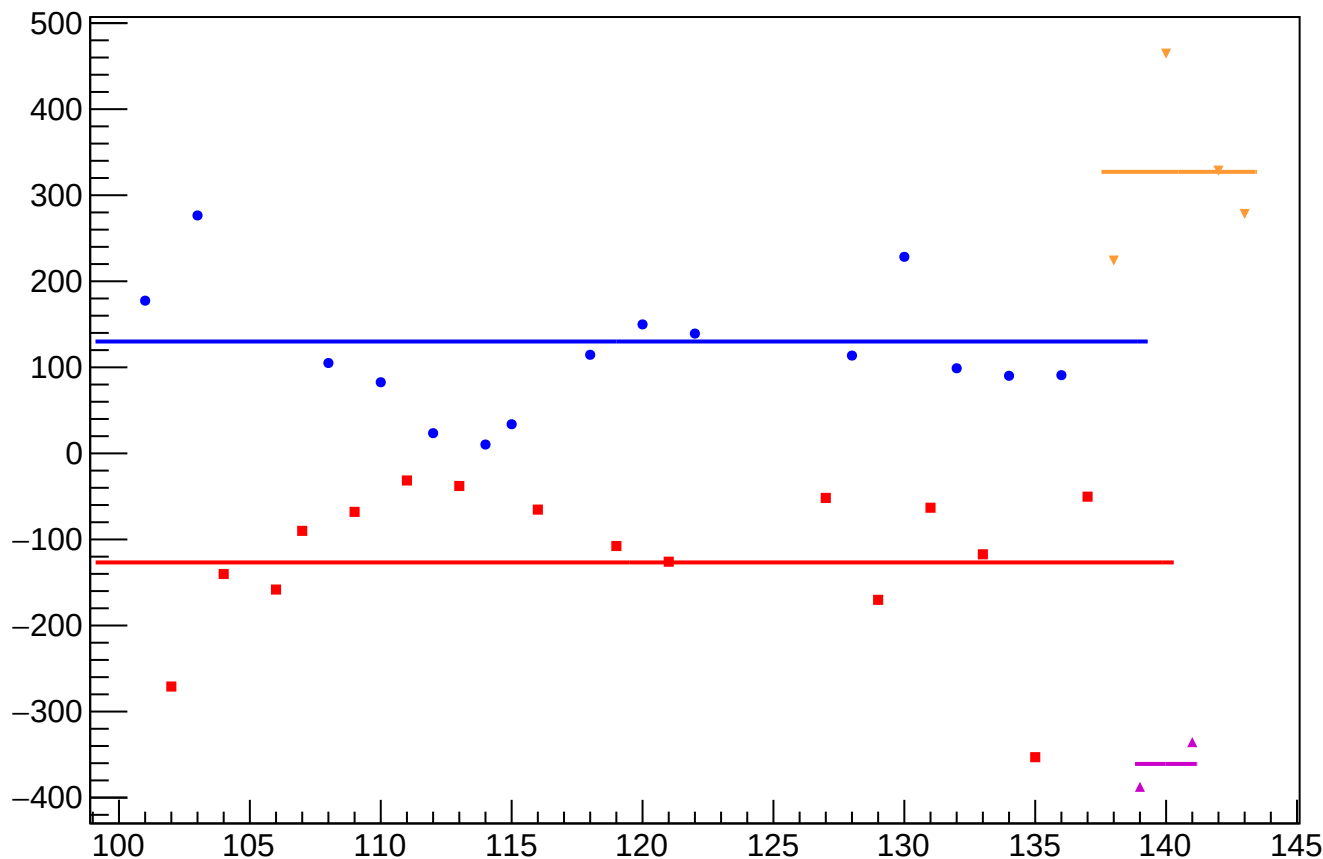
Left In: -1054.494 ± 0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

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: -14082.269 +/- 0.000 χ^2/NDF : 69186256991253247423274316925836984320.0/1

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



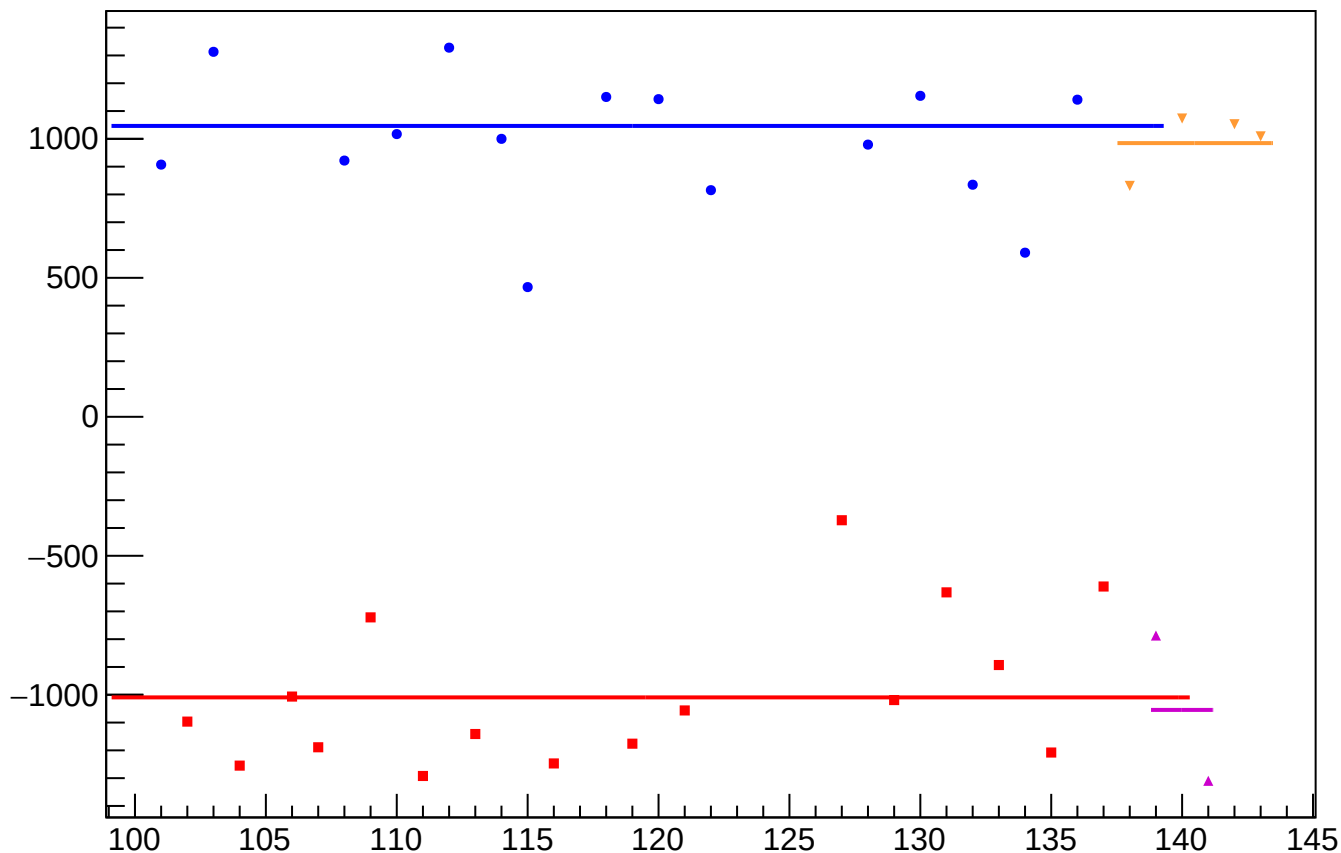
Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14

Left Out: 327.162+/-0.000 χ^2/NDF : 2536447229870285505452810978260418560.0/3

Right Out: -126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15

Left In: -360.846+/-0.000 χ^2/NDF : 111765535337152393220436992335020032.0/1

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



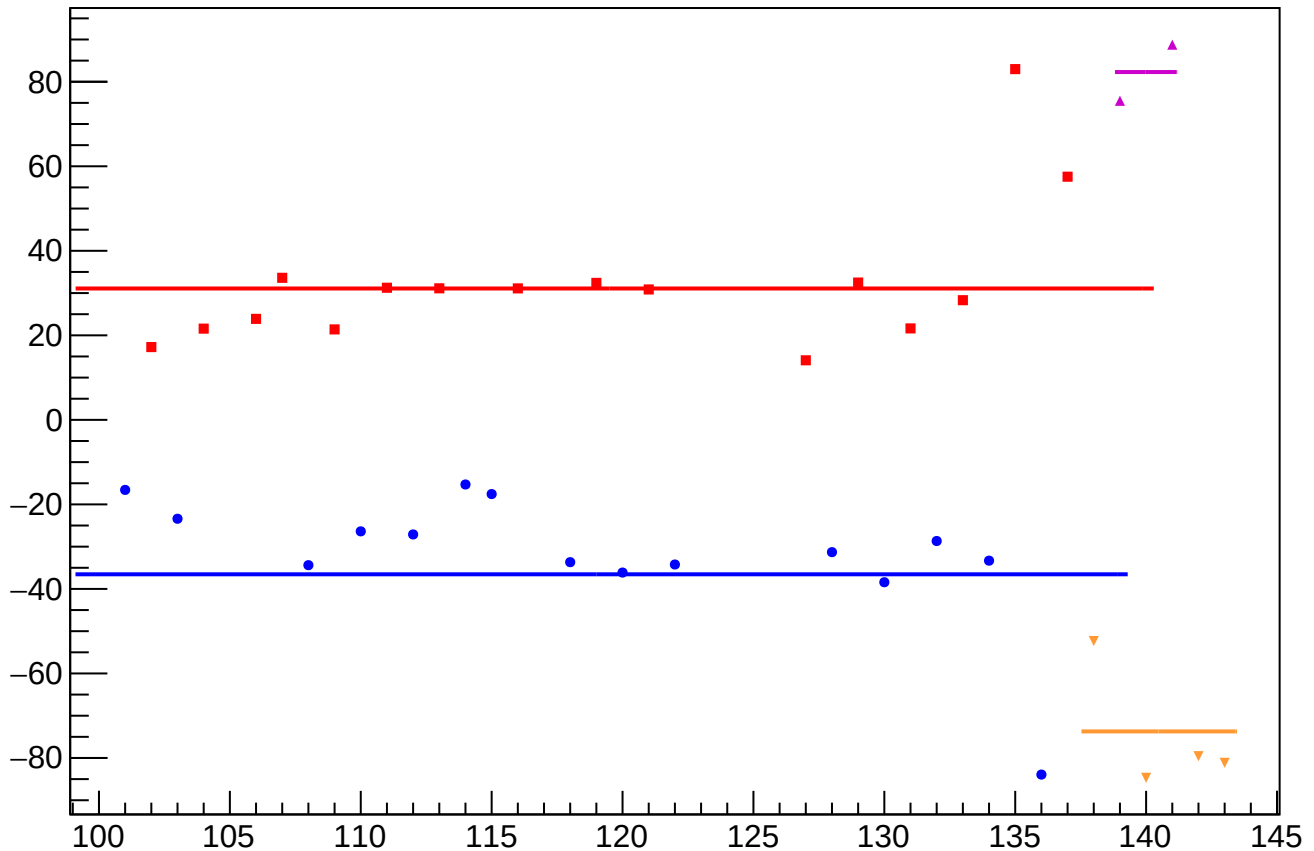
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 984.681+/-0.000 χ^2/NDF : 2741283648795873389596451082636099584.0/3

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

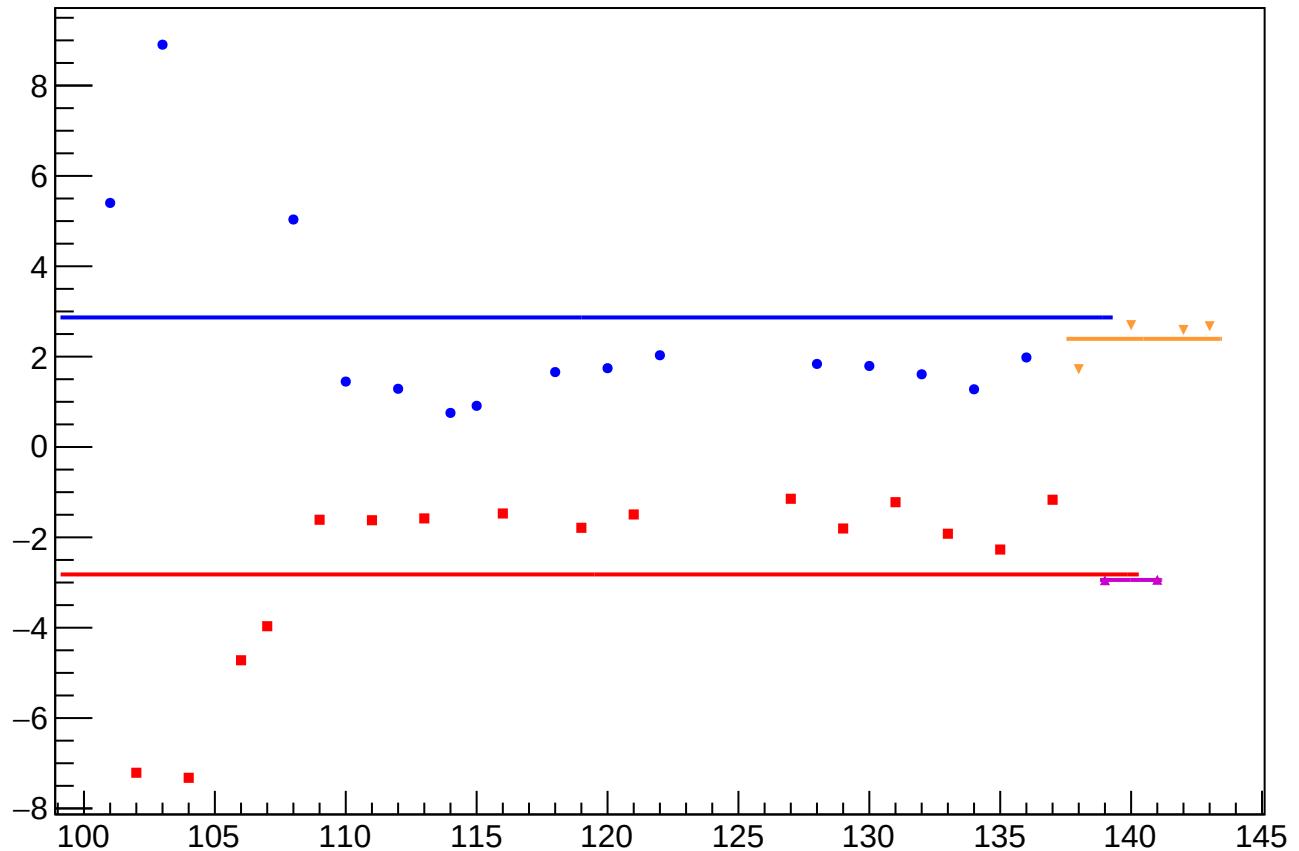
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_4aX_coil3_mean vs Slug, Sign Corrected



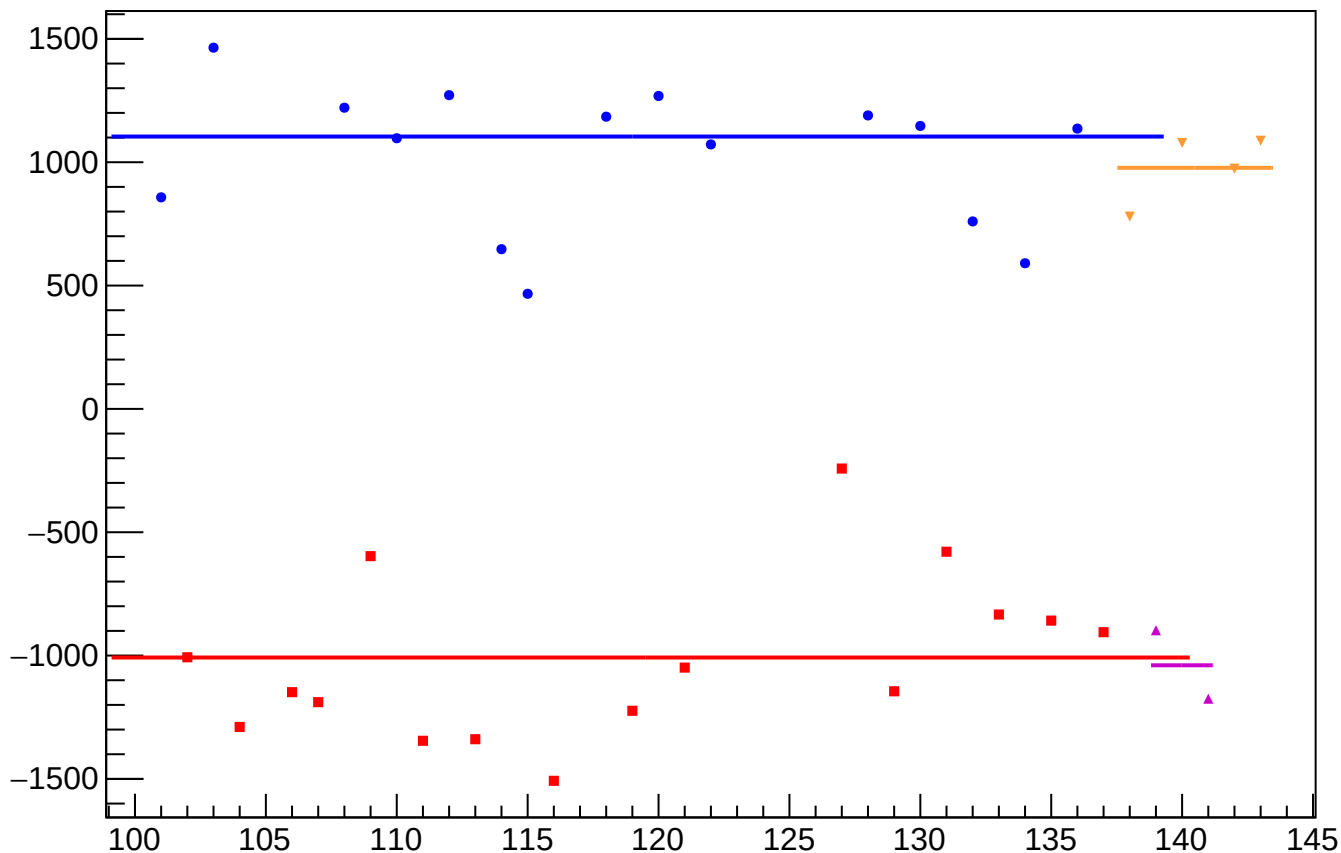
Right In: -36.540 $\pm$ 0.000 χ^2 /NDF: 254351867861444609202637633864335360.0/14
 Left Out: -73.715 $\pm$ 0.000 χ^2 /NDF: 50817182330087633005569437492838400.0/3
 Right Out: 31.085 $\pm$ 0.000 χ^2 /NDF: 181291079119381636178408498876383232.0/15
 Left In: 82.299 $\pm$ 0.000 χ^2 /NDF: 7304900606581888368990245523292160.0/1

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: -2.943+/-0.000 χ^2/NDF : 3556874034331455791690678272.0/1

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



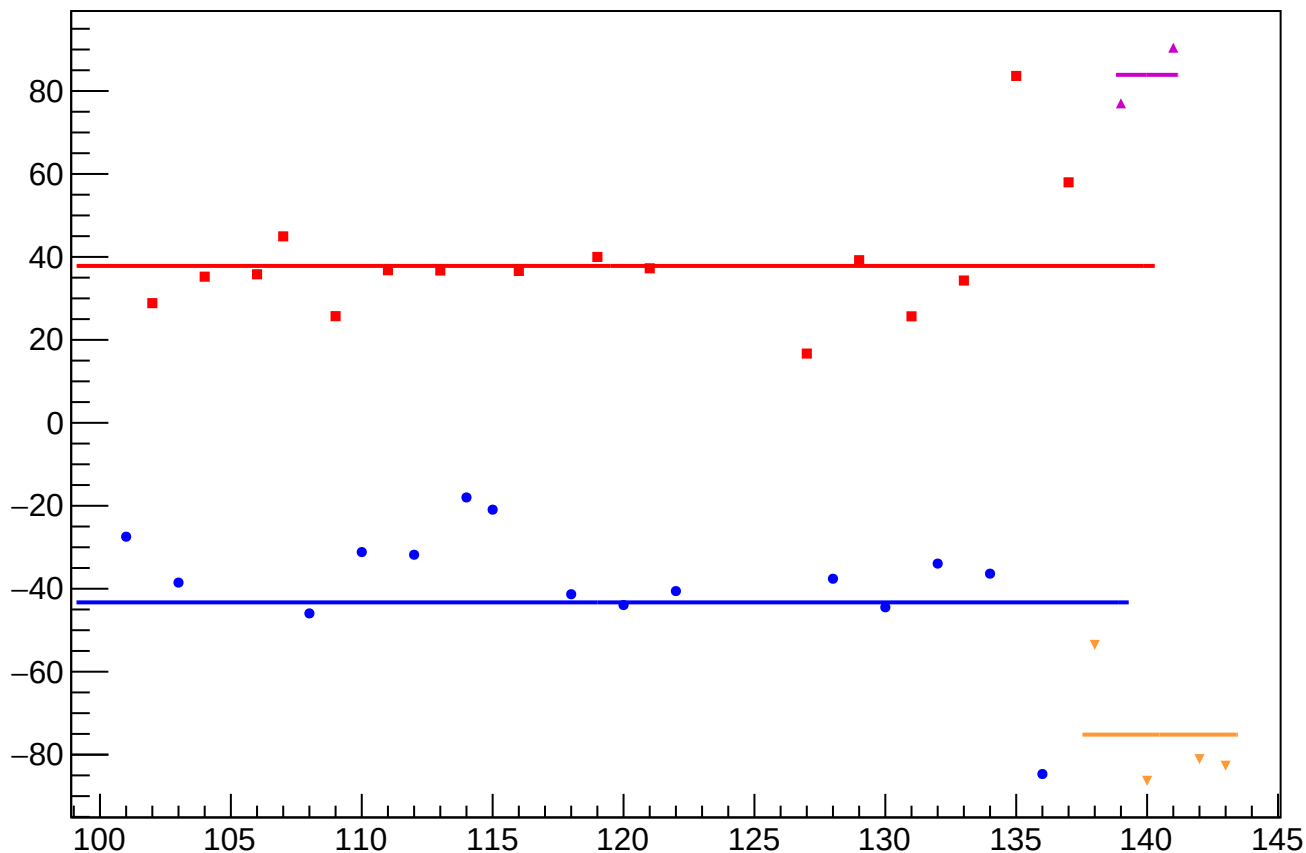
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

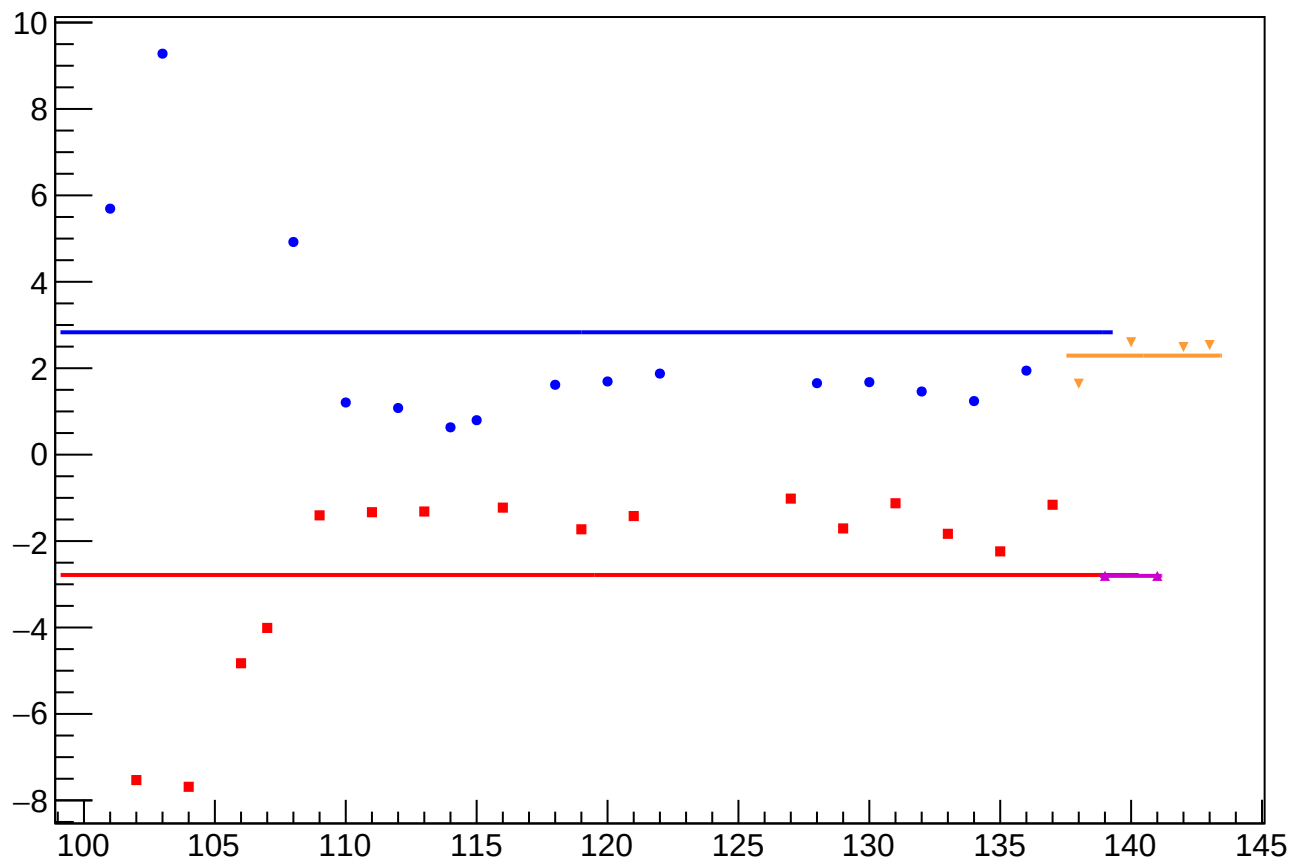
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_4eX_coil3_mean vs Slug, Sign Corrected



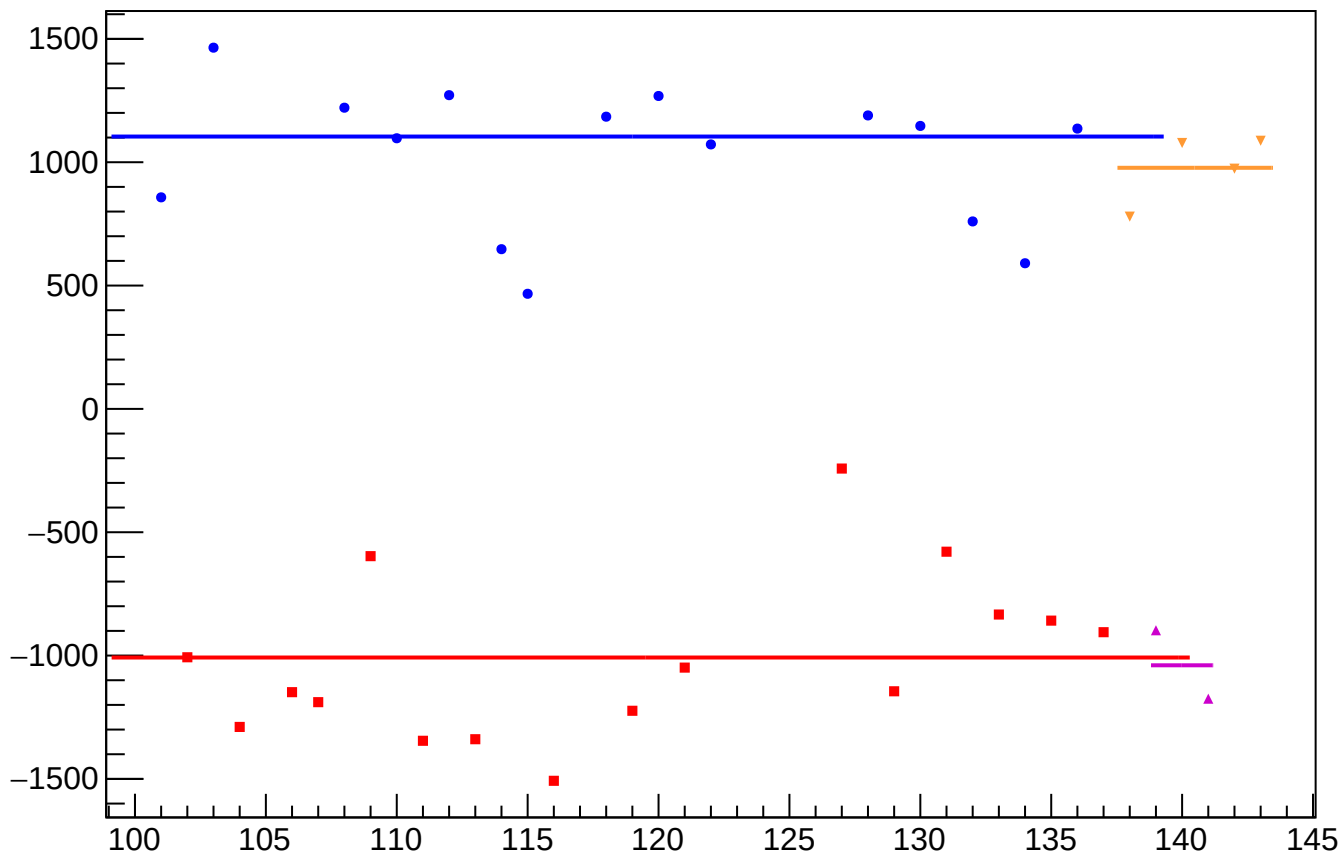
Right In: -43.289 +/- 0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14
 Left Out: -75.173 +/- 0.000 χ^2/NDF : 52043987632425258820666244886167552.0/3
 Right Out: 37.832 +/- 0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15
 Left In: 83.898 +/- 0.000 χ^2/NDF : 7467176553652537023035223176118272.0/1

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: -2.805 +/- 0.000 χ^2/NDF : 1958334582123375158624256.0/1

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



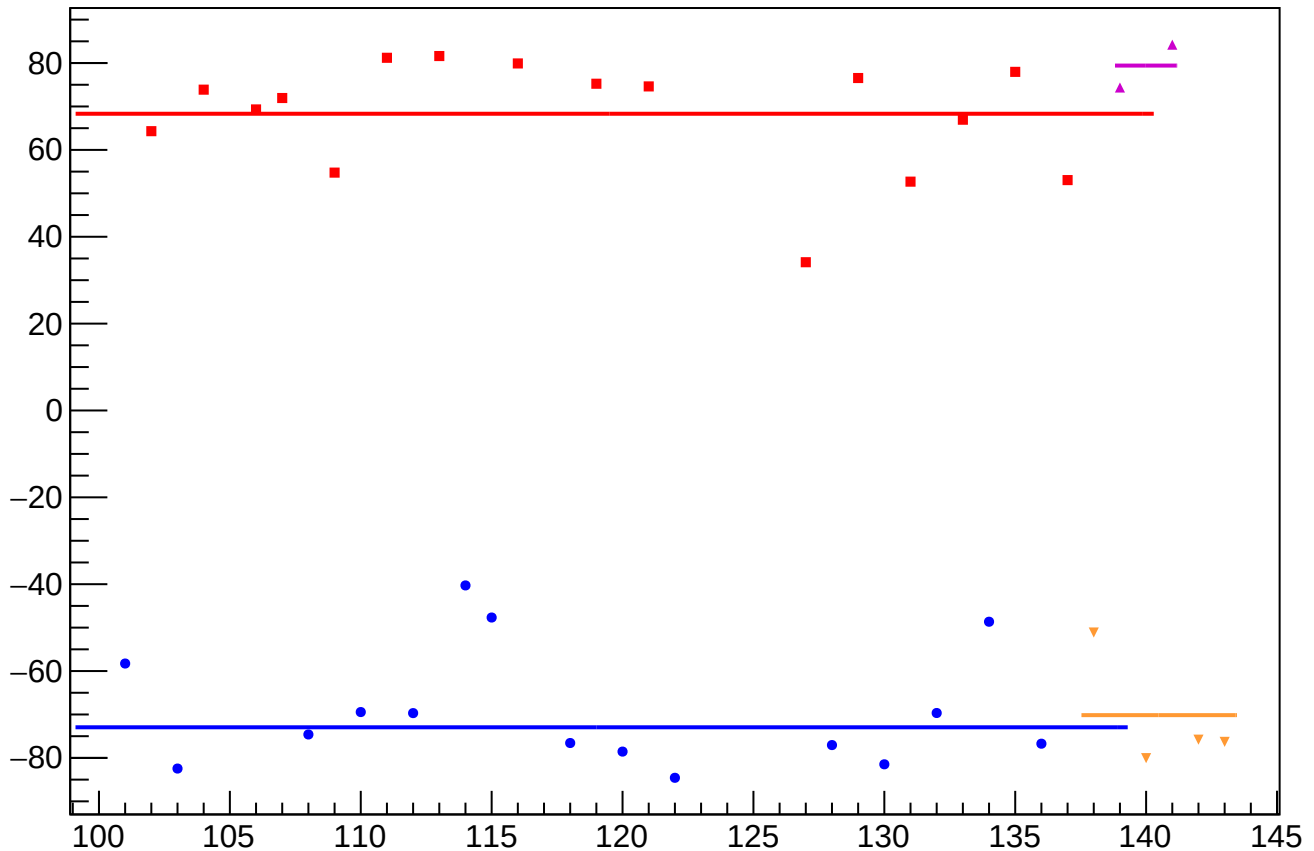
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

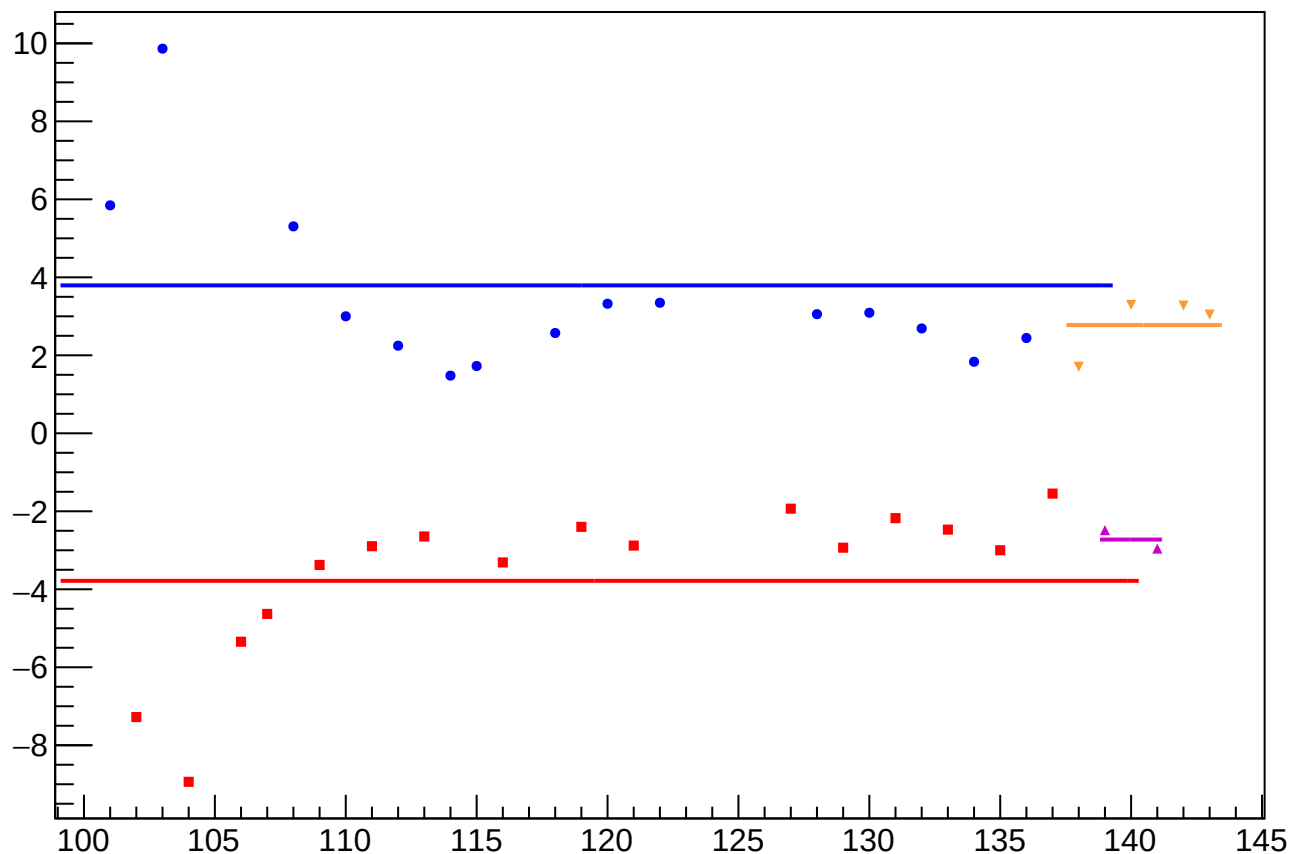
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: -72.949 ± 0.000 $\chi^2/\text{NDF}: 65755428464857980306879126291087360.0/14$
 Left Out: -70.152 ± 0.000 $\chi^2/\text{NDF}: 40273283398356609580799778155921408.0/3$
 Right Out: 68.324 ± 0.000 $\chi^2/\text{NDF}: 106694344898202364483367131372584960.0/15$
 Left In: 79.417 ± 0.000 $\chi^2/\text{NDF}: 4034723146011087333091154975522816.0/1$

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



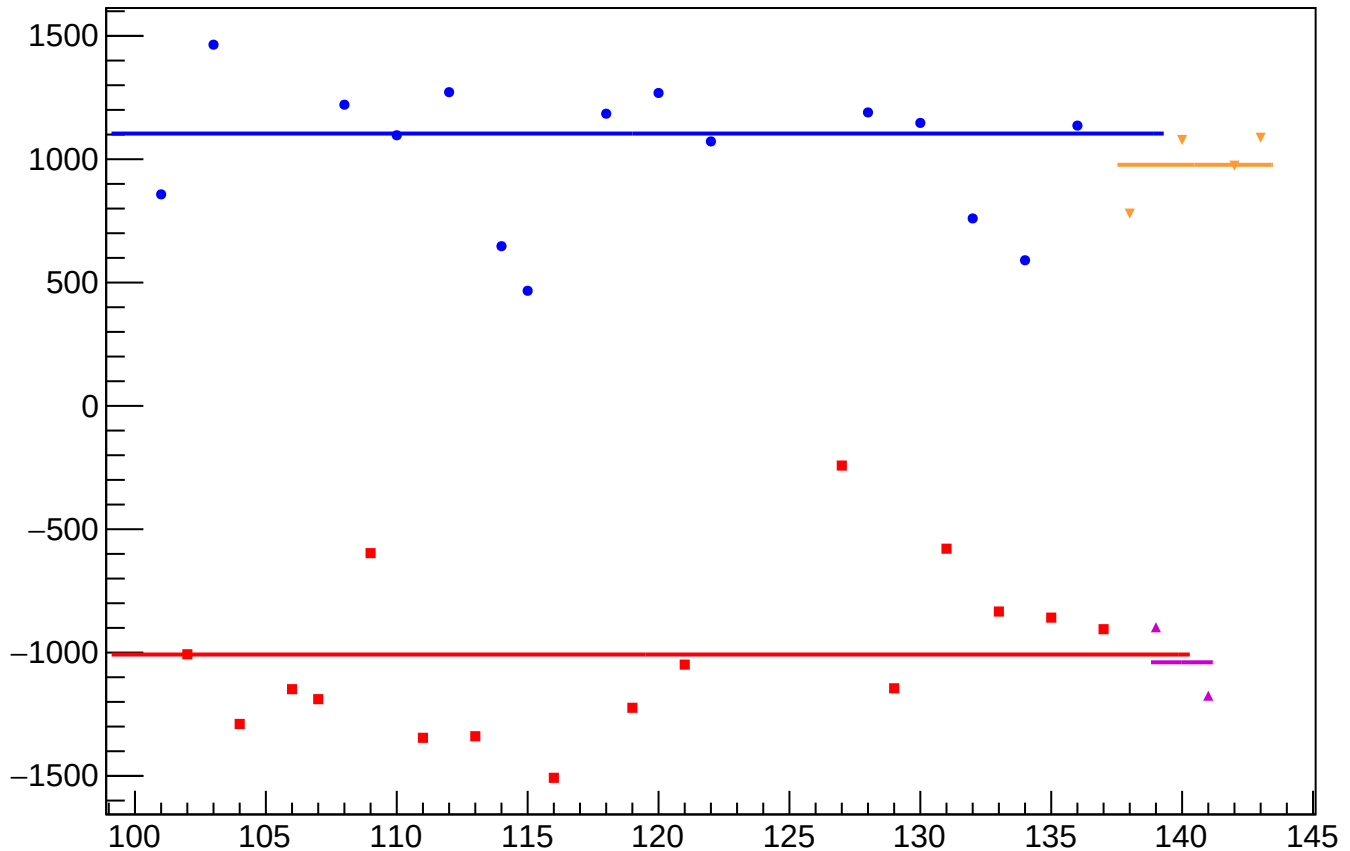
Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14

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: -2.725+/-0.000 χ^2/NDF : 9317984001328955152353642676224.0/1

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



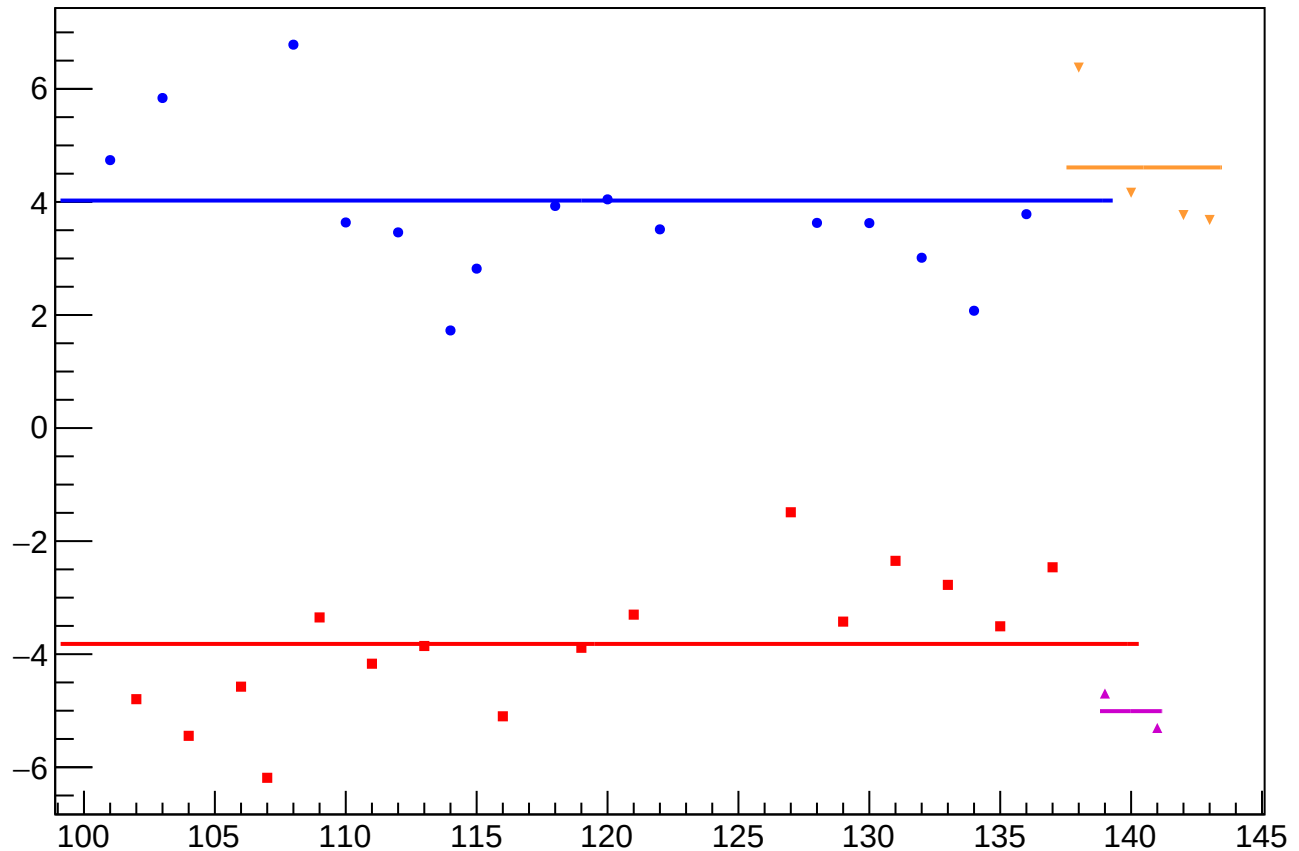
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

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: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_4aY_coil3_mean vs Slug, Sign Corrected



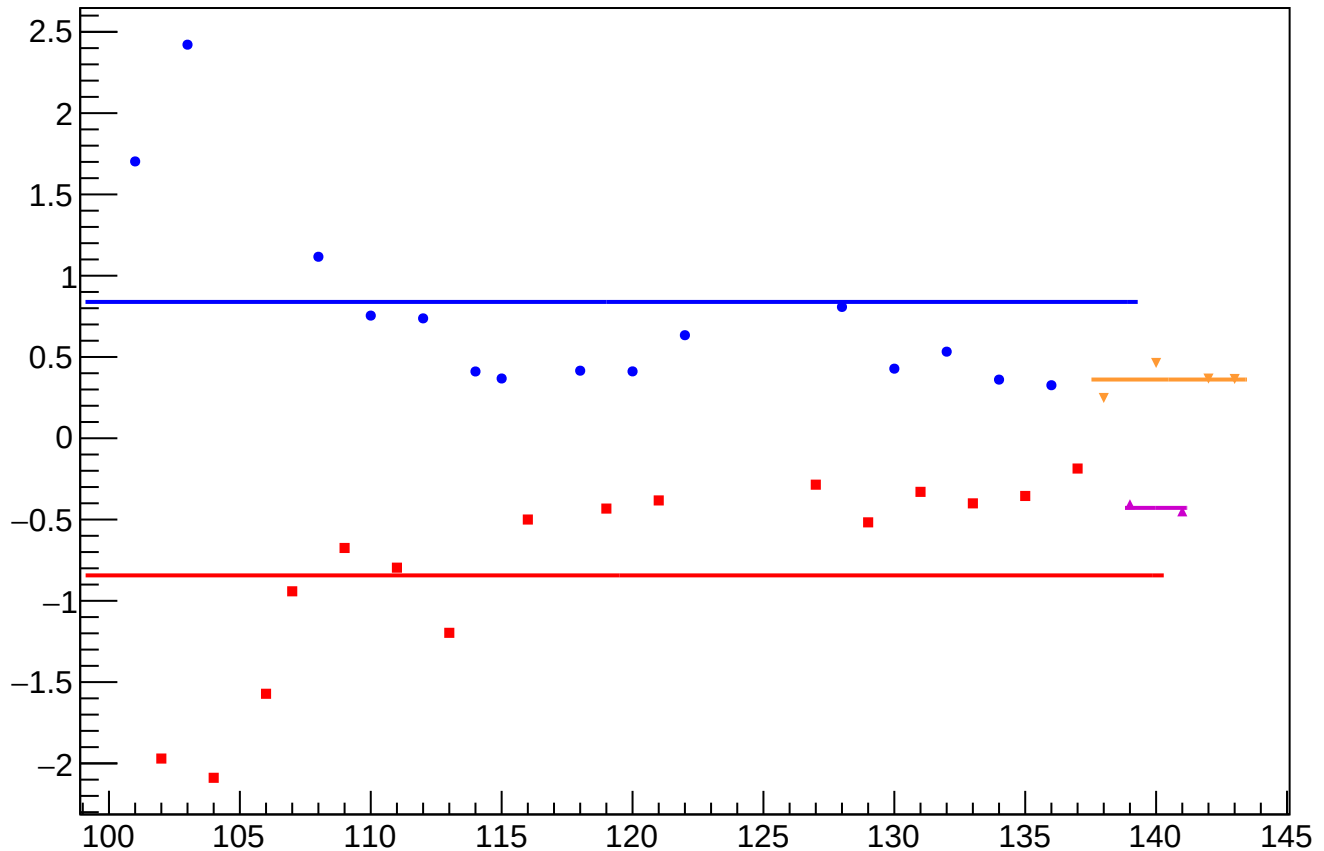
Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.611+/-0.000 χ^2/NDF : 350237745088913975679215193817088.0/3

Right Out: -3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

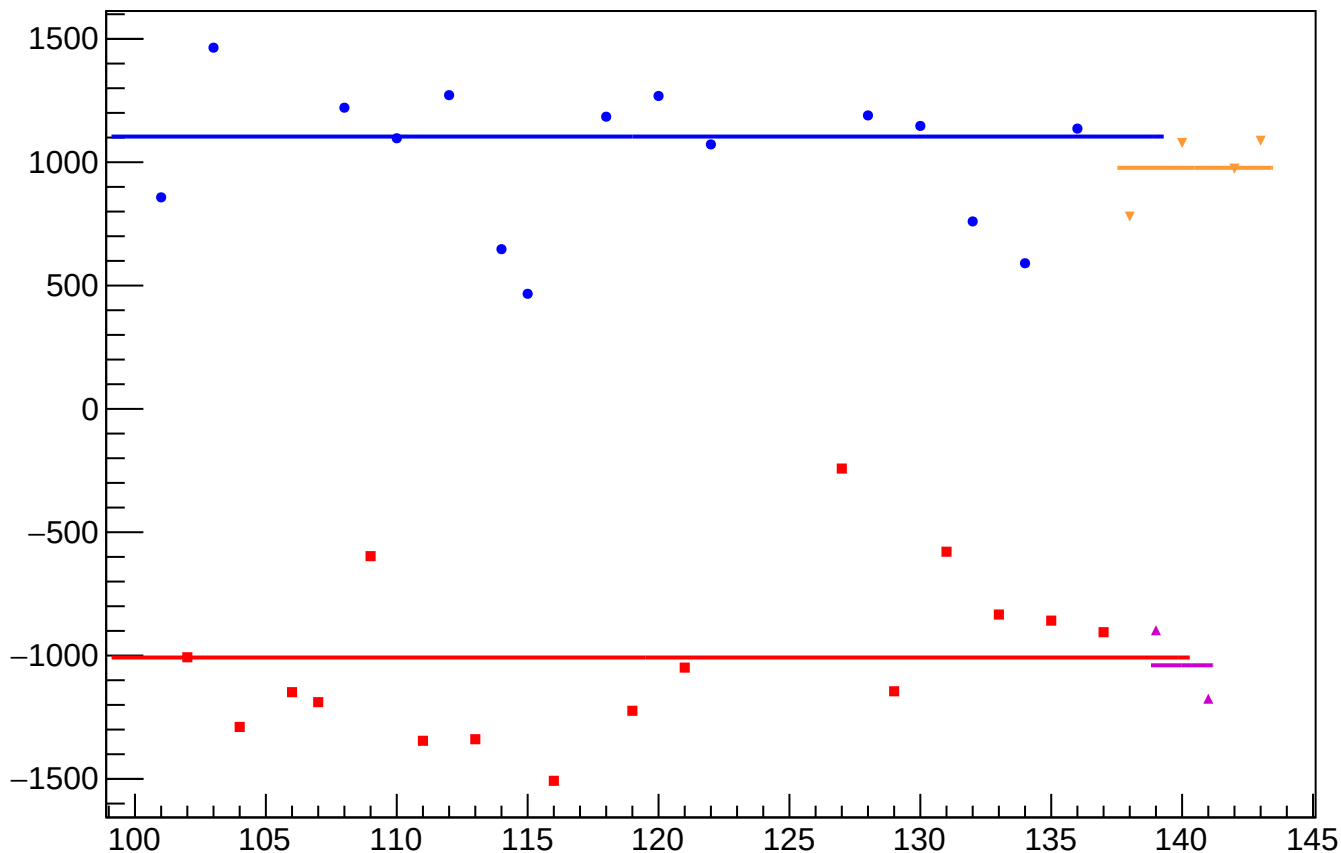
Left In: -5.008+/-0.000 χ^2/NDF : 15374602220850985400950677569536.0/1

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: -0.428+/-0.000 χ^2/NDF : 78692628661623216199111278592.0/1

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



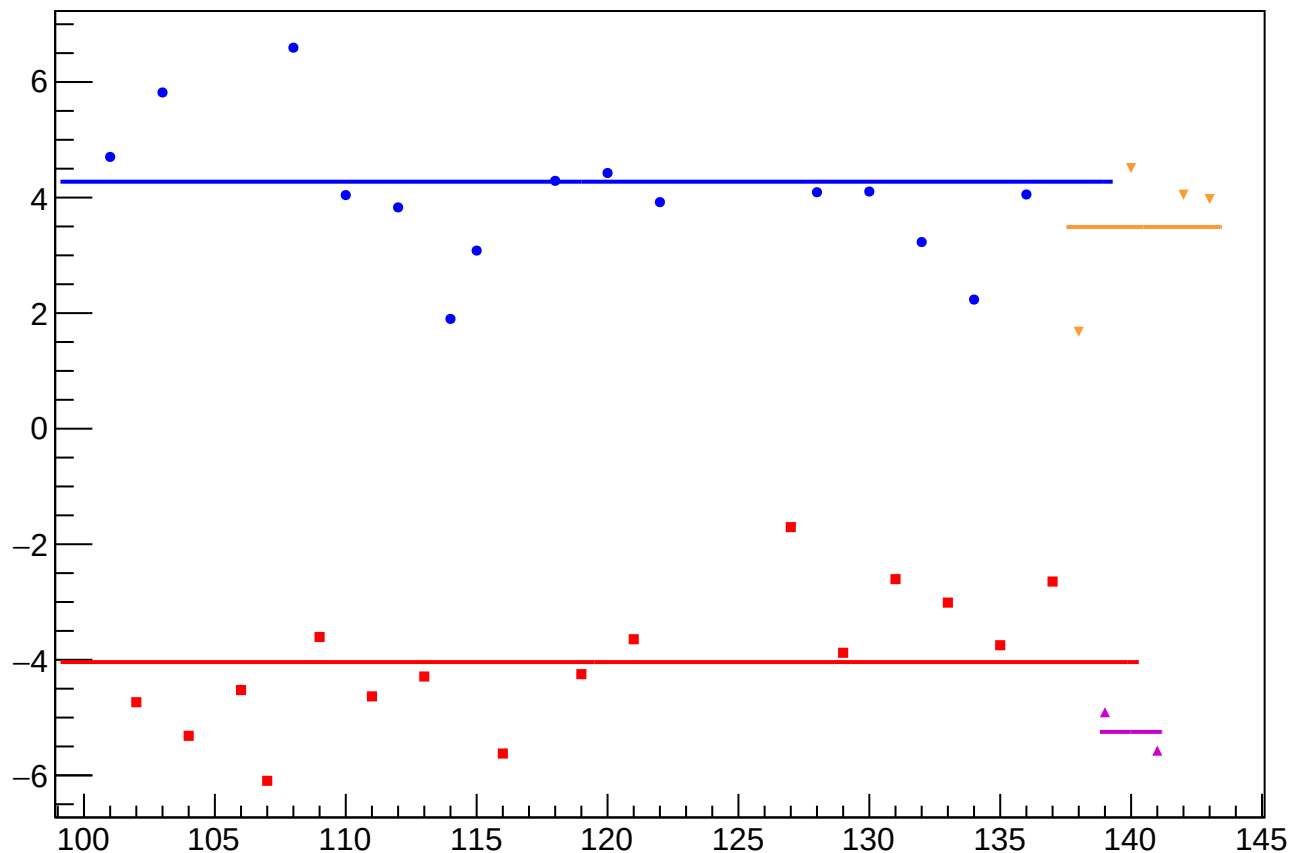
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

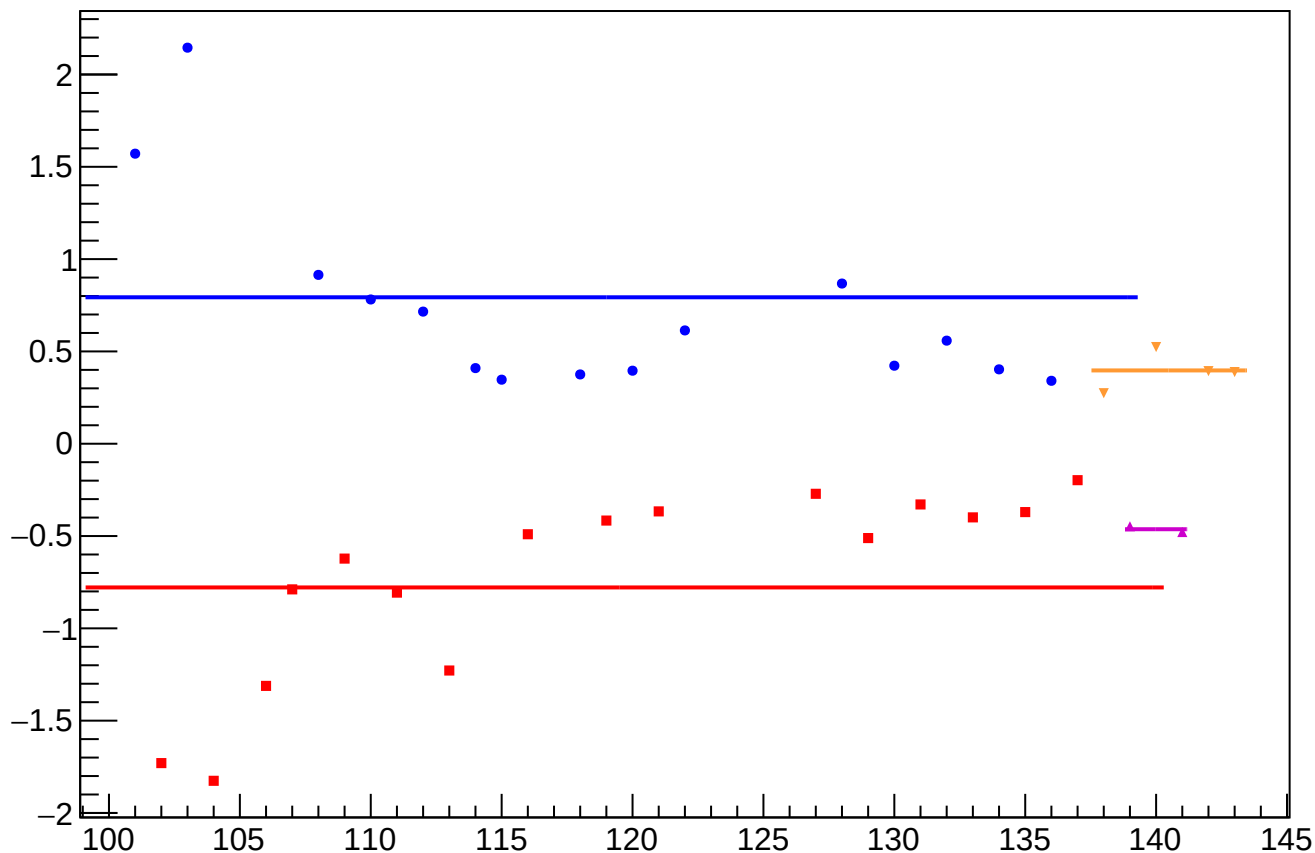
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

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: -5.248+/-0.000 χ^2/NDF : 18316870727710573460848681943040.0/1

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.793 $\pm$ 0.000 χ^2 /NDF: 195508777173589483440314700005376.0/14

Left Out: 0.397 $\pm$ 0.000 χ^2 /NDF: 2509649551036996402173326655488.0/3

Right Out: -0.778 $\pm$ 0.000 χ^2 /NDF: 185814635772183306063903690063872.0/15

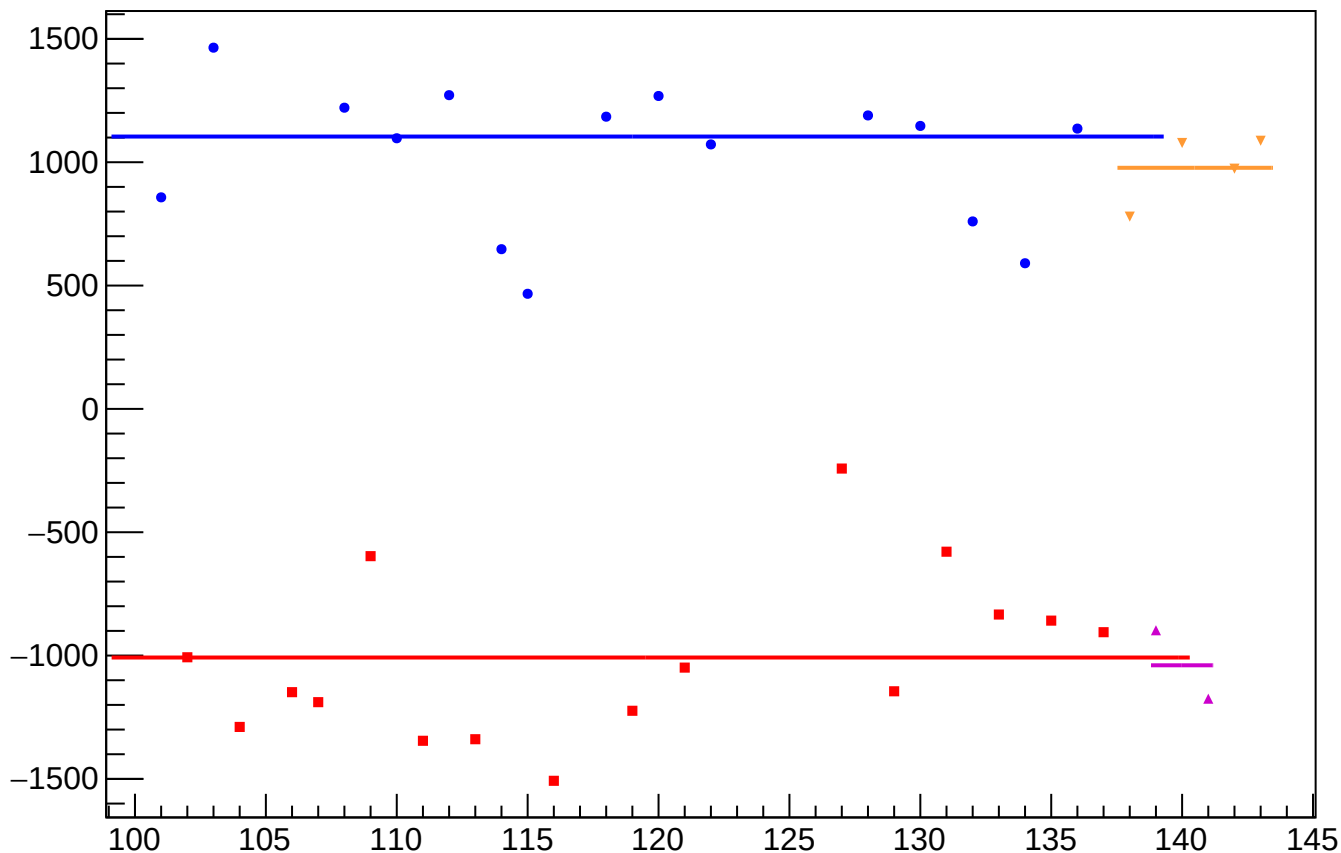
Left In: -0.463 $\pm$ 0.000 χ^2 /NDF: 40181759163162288389946867712.0/1

0.676 $\pm$ 0.000 χ^2 /NDF: 2281808495327352979

0.015 $\pm$ 0.000 χ^2 /NDF: 12746233453449

-0.716 $\pm$ 0.000 χ^2 /NDF: 199072438394120678

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



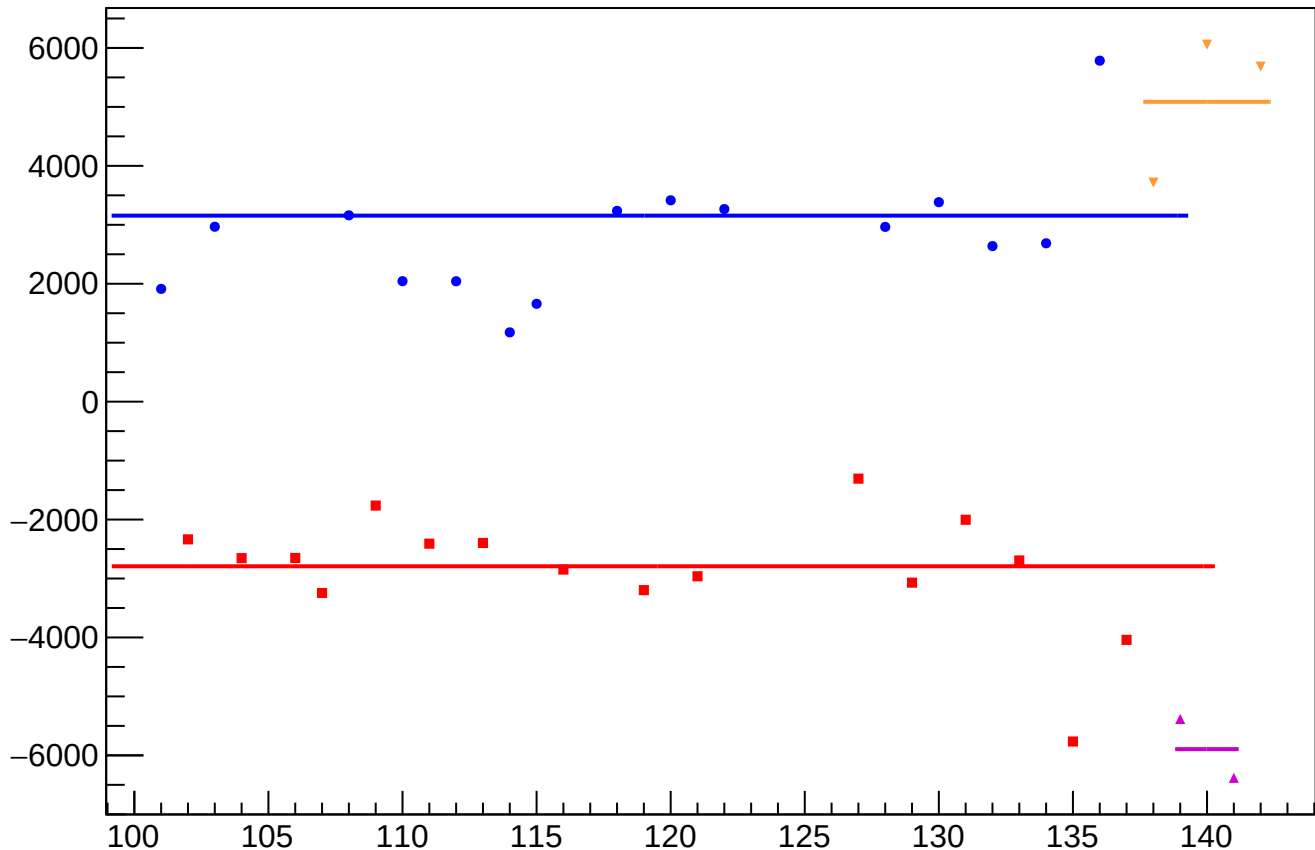
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

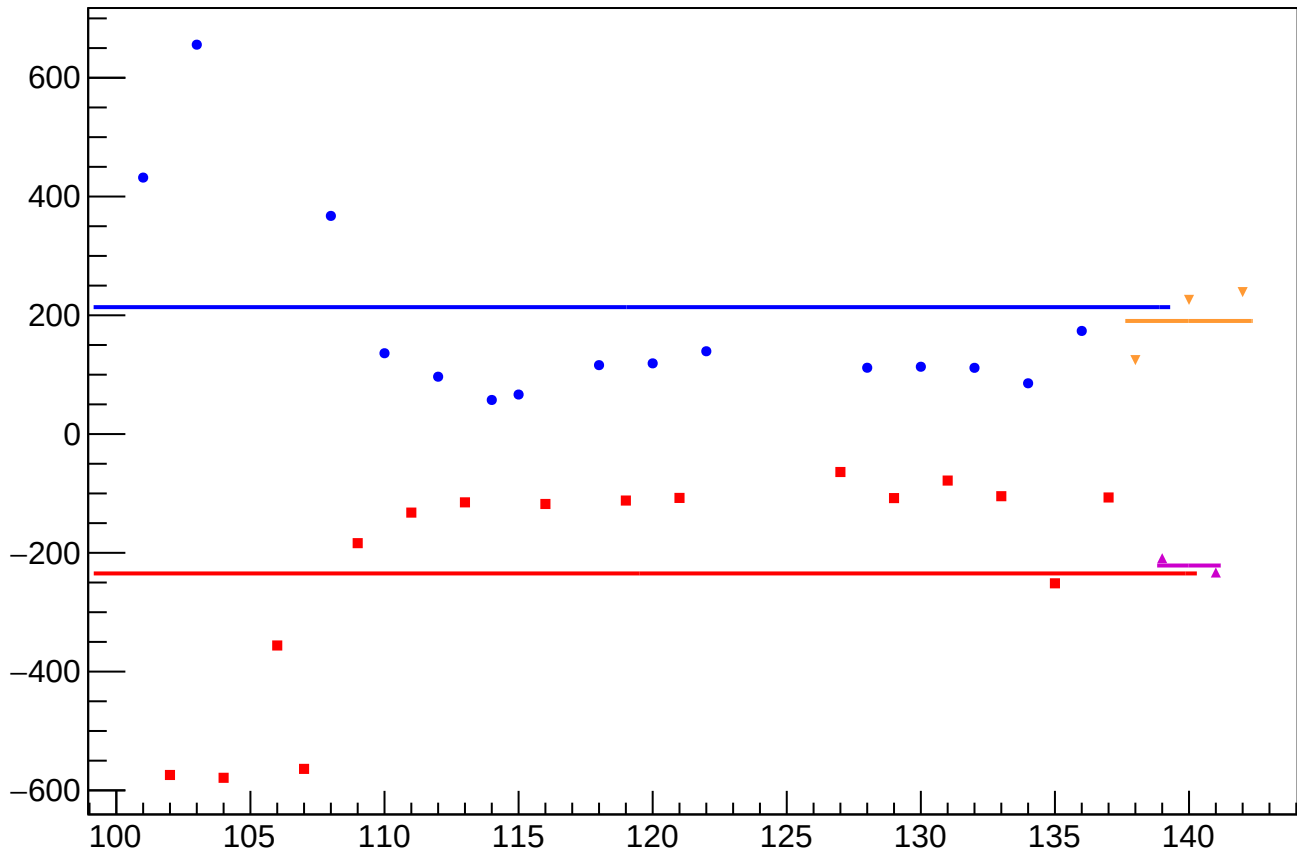
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 3155.434 $\pm$ 0.000 χ^2 /NDF: 903550534773622902110918214033612996608.0/14
 Left Out: 5086.285 $\pm$ 0.000 χ^2 /NDF: 240095693832794968776434255889208180736.0/2
 Right Out: -2792.245 $\pm$ 0.000 χ^2 /NDF: 674635749324173001973264427530986717184.0/15
 Left In: -5893.739 $\pm$ 0.000 χ^2 /NDF: 41279890176155853748036617223136083968.0/1

dit_usl_coil3_err_mean vs Slug, Sign Corrected



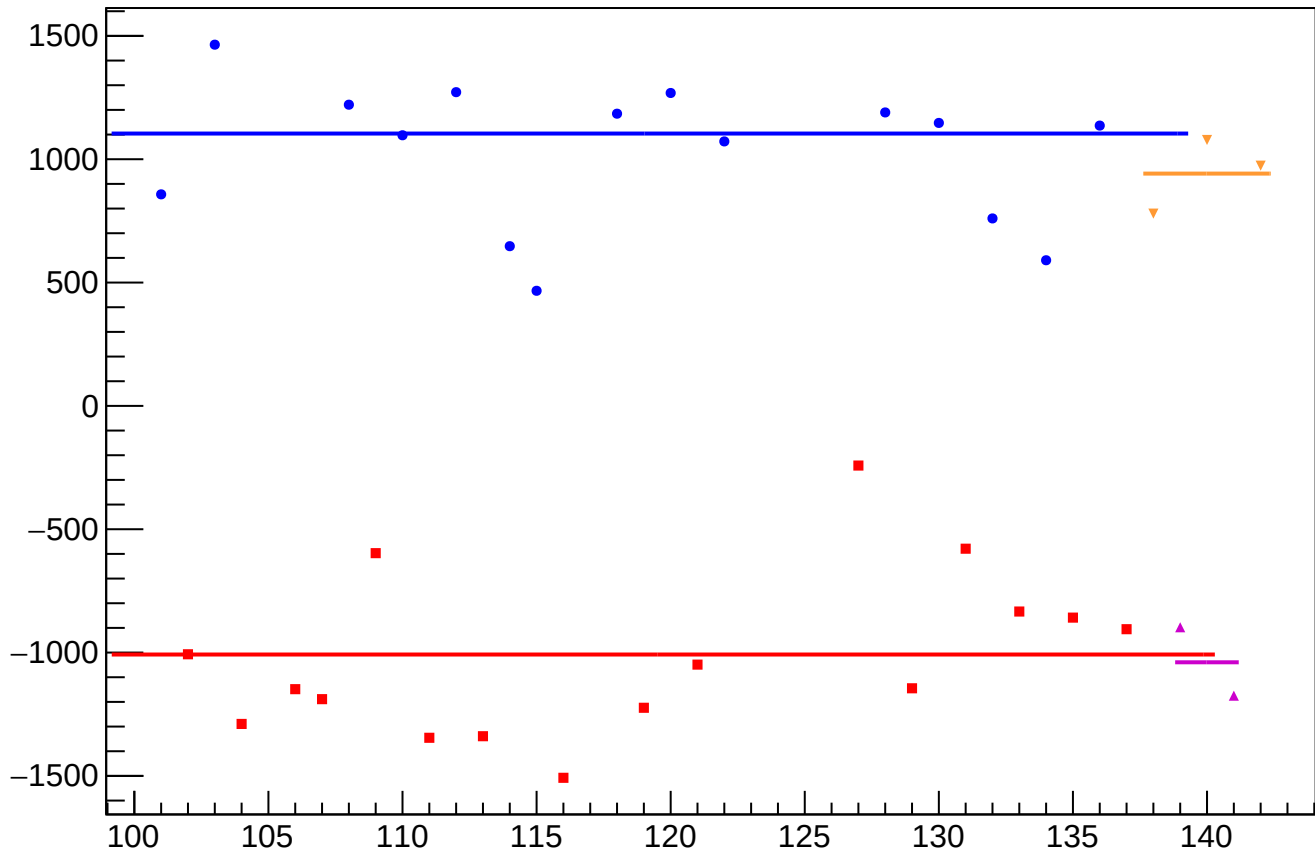
Right In: 213.739 +/- 0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

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: -221.365 +/- 0.000 χ^2/NDF : 23942641885581111160786173118382080.0/1

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



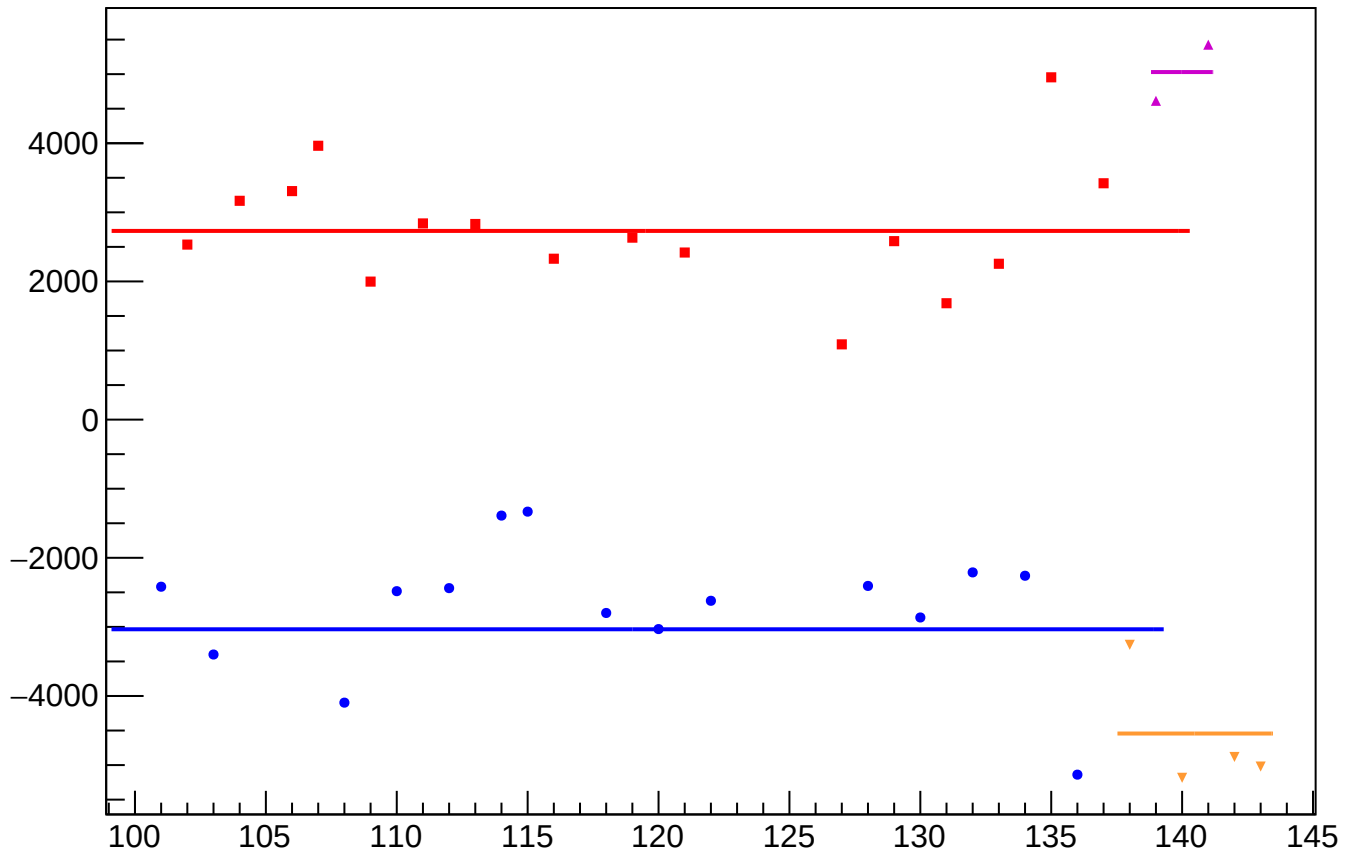
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

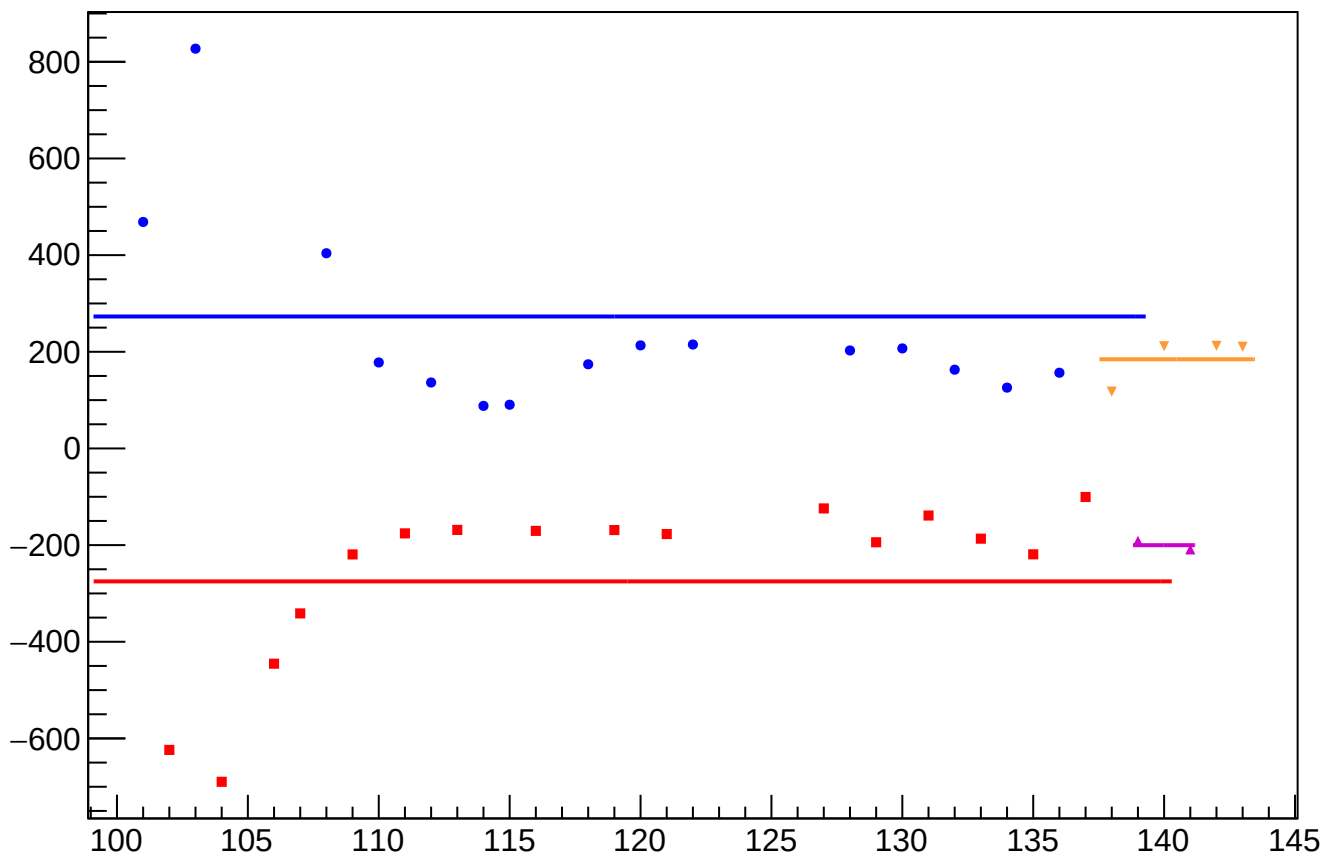
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527 ± 0.000	$\chi^2/\text{NDF}: 630694553353463868547335175090919702528.0/14$
Left Out: -4543.334 ± 0.000	$\chi^2/\text{NDF}: 182900925603120173084857007236290969600.0/3$
Right Out: 2731.035 ± 0.000	$\chi^2/\text{NDF}: 528290847703567991555694629239211950080.0/15$
Left In: 5030.238 ± 0.000	$\chi^2/\text{NDF}: 27367462564676602822113266625144684544.0/1$

dit_usr_coil3_err_mean vs Slug, Sign Corrected



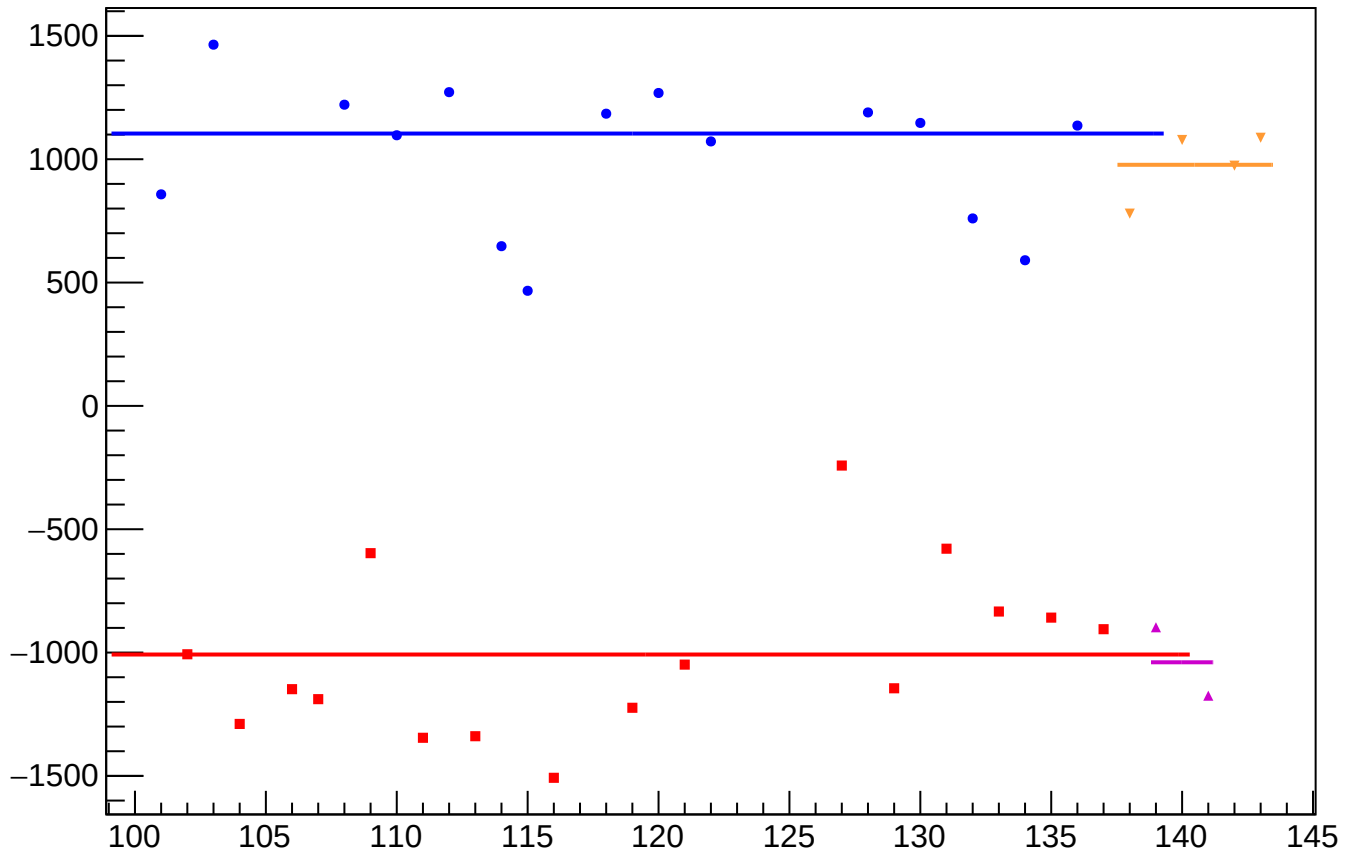
Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

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: -200.146+/-0.000 χ^2/NDF : 13267347293414068221891269170823168.0/1

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



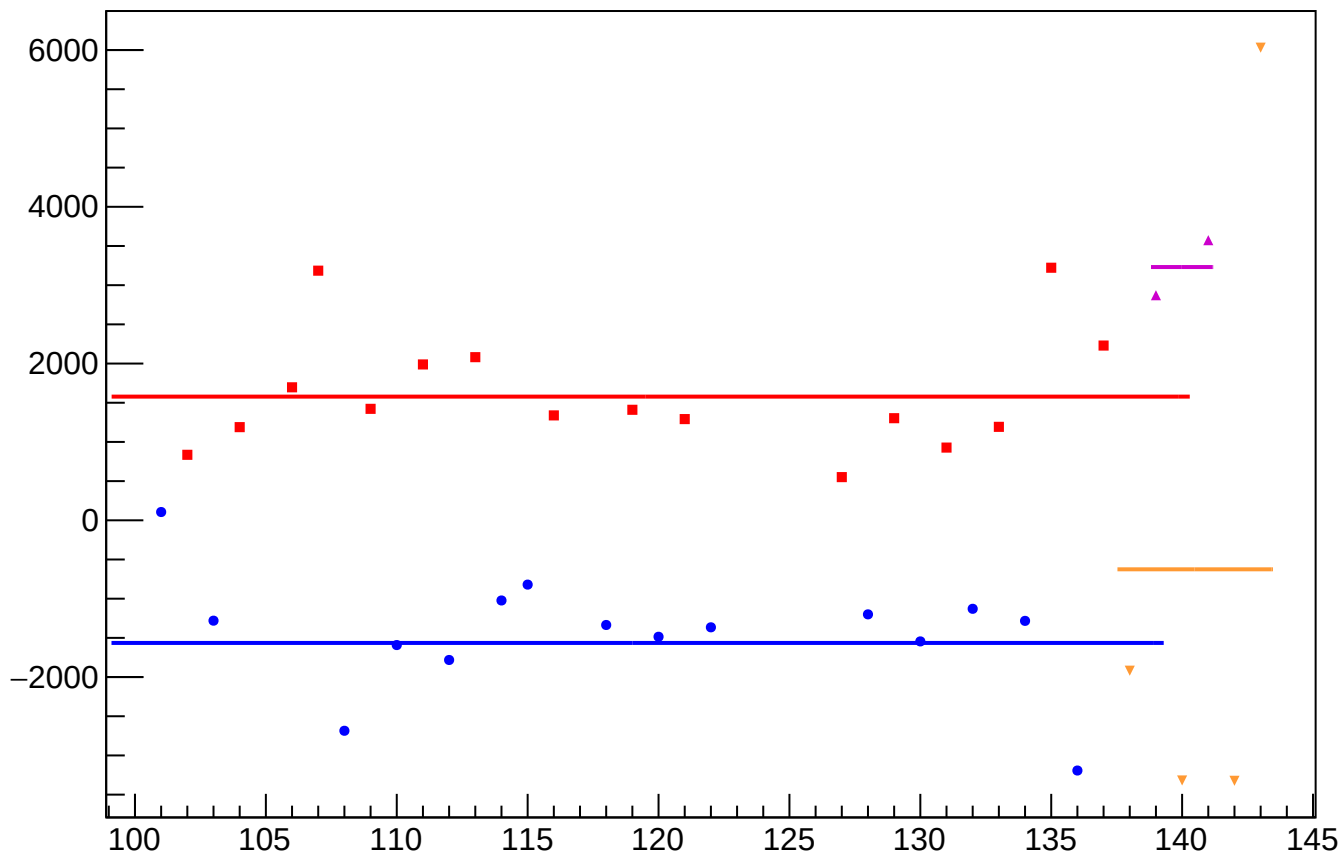
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

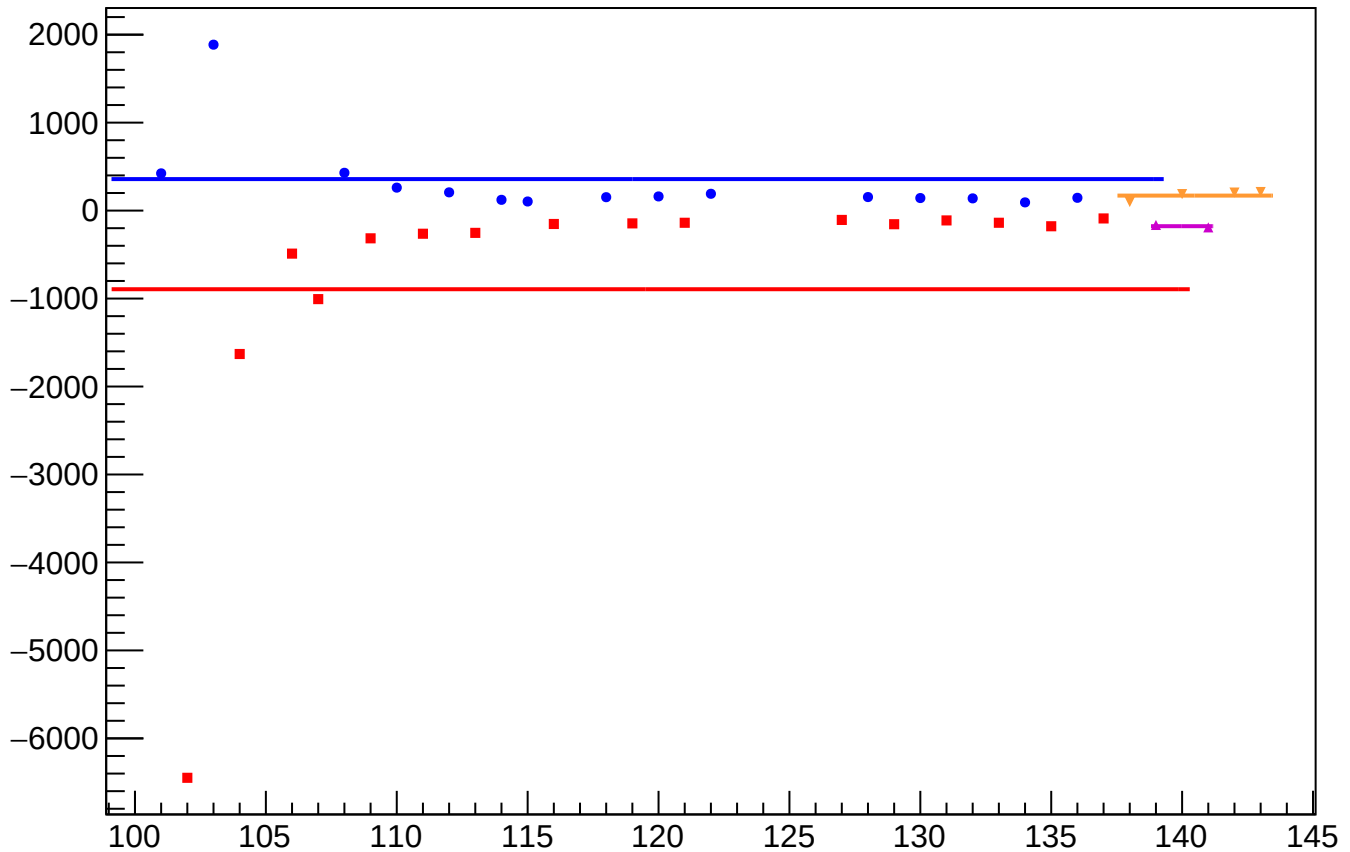
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

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: 3231.395 +/- 0.000 χ^2/NDF : 20452683799739595695879152384383909888.0/1

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



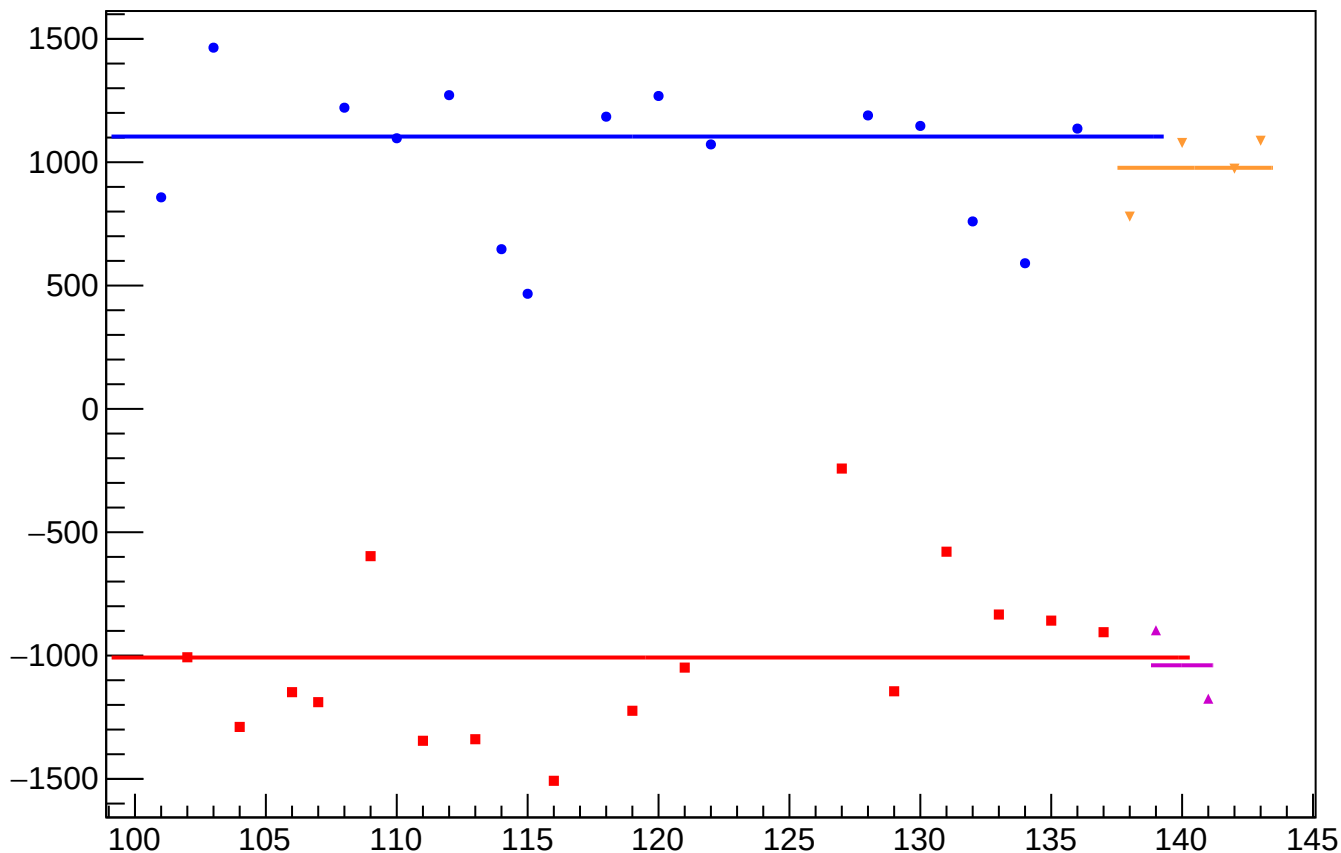
Right In: 358.080 +/- 0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

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: -177.230 +/- 0.000 χ^2/NDF : 31273982798588267061885750063661056.0/1

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



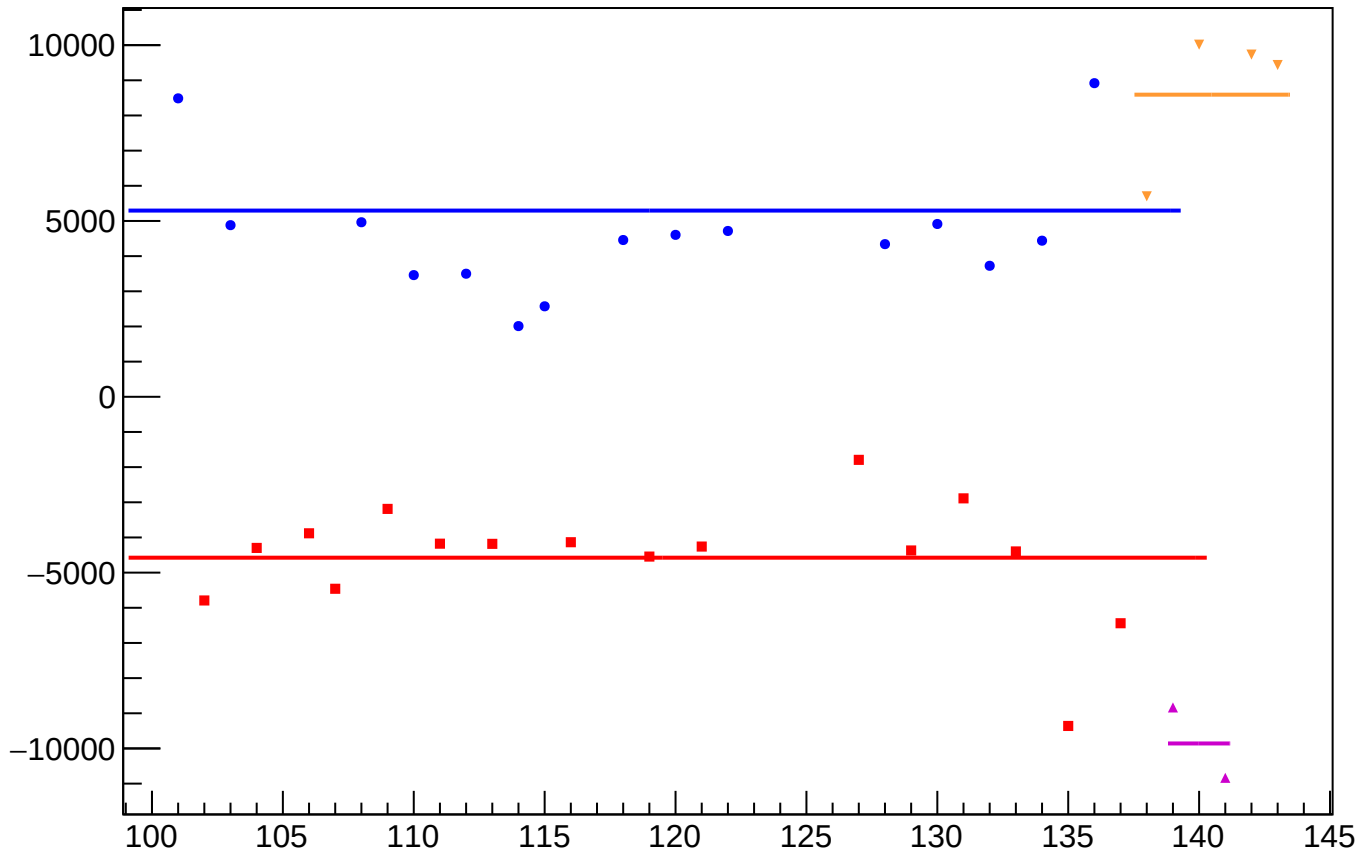
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

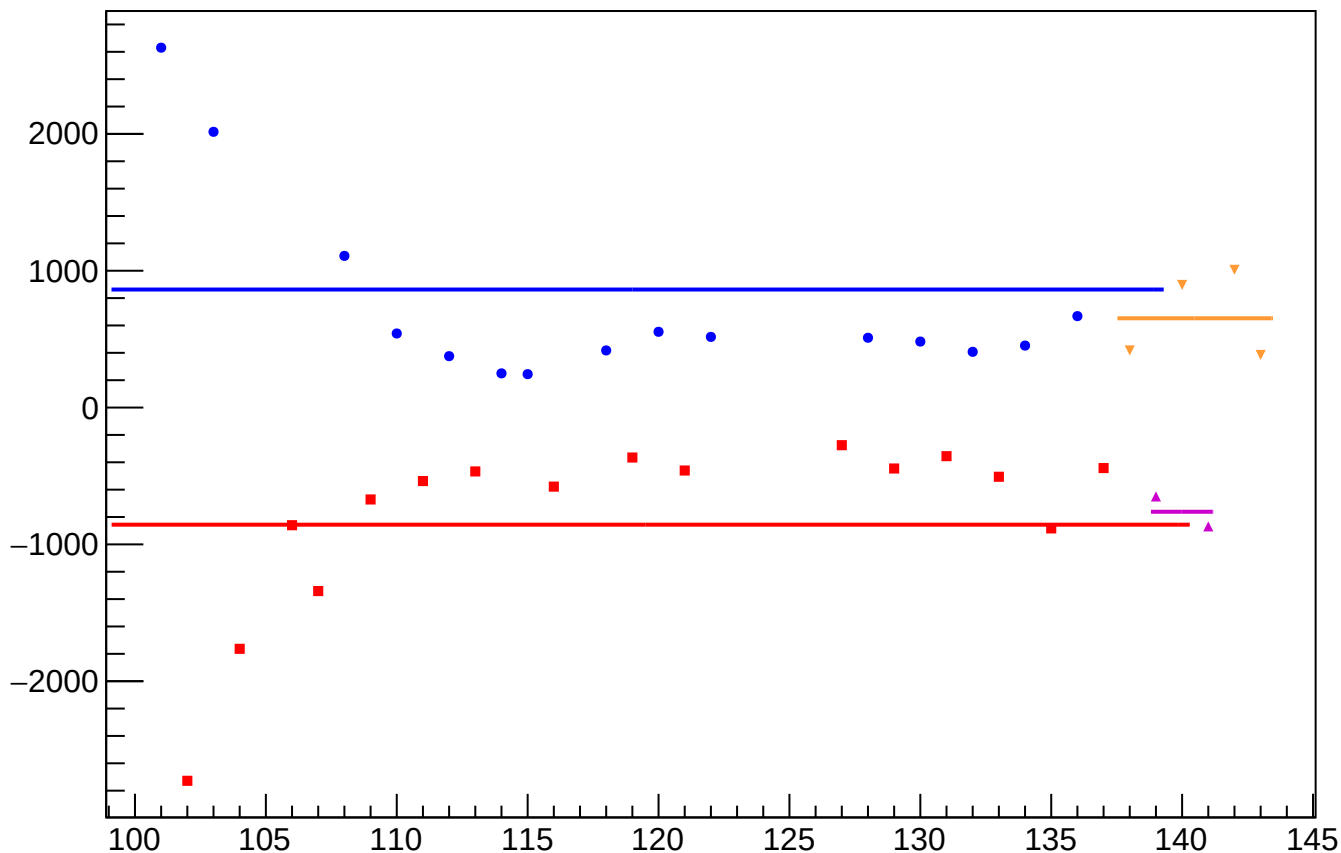
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 8591.529 $\pm$ 0.000 χ^2 /NDF: 924998669657510676108739131410770558976.0/3
 Right Out: -4575.270 $\pm$ 0.000 χ^2 /NDF: 1863322094770403739096100800072716910592.0/15
 Left In: -9858.106 $\pm$ 0.000 χ^2 /NDF: 166091348545306474068727849037917585408.0/1

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



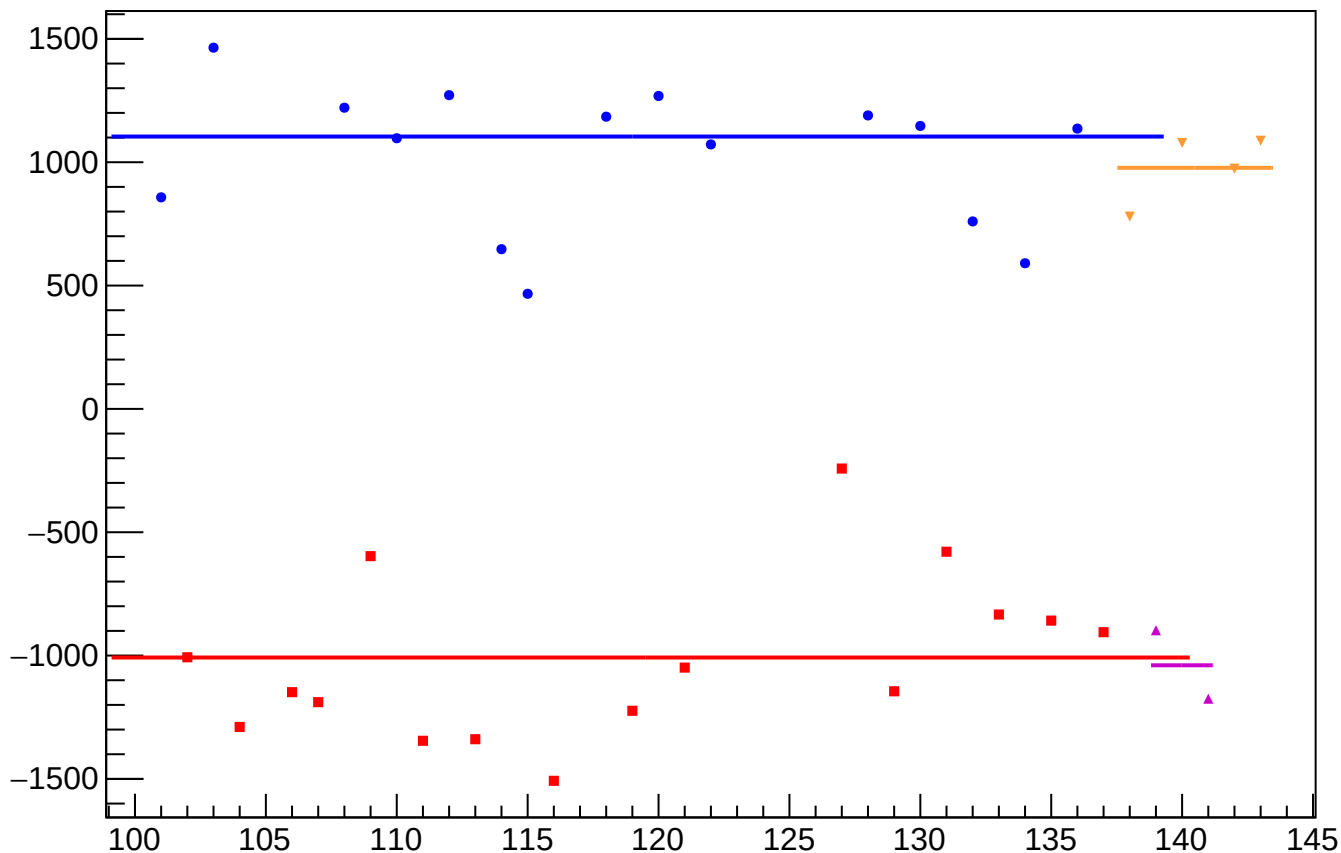
Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

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: -761.580+/-0.000 χ^2/NDF : 1986131780685008601840645013774532608.0/1

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



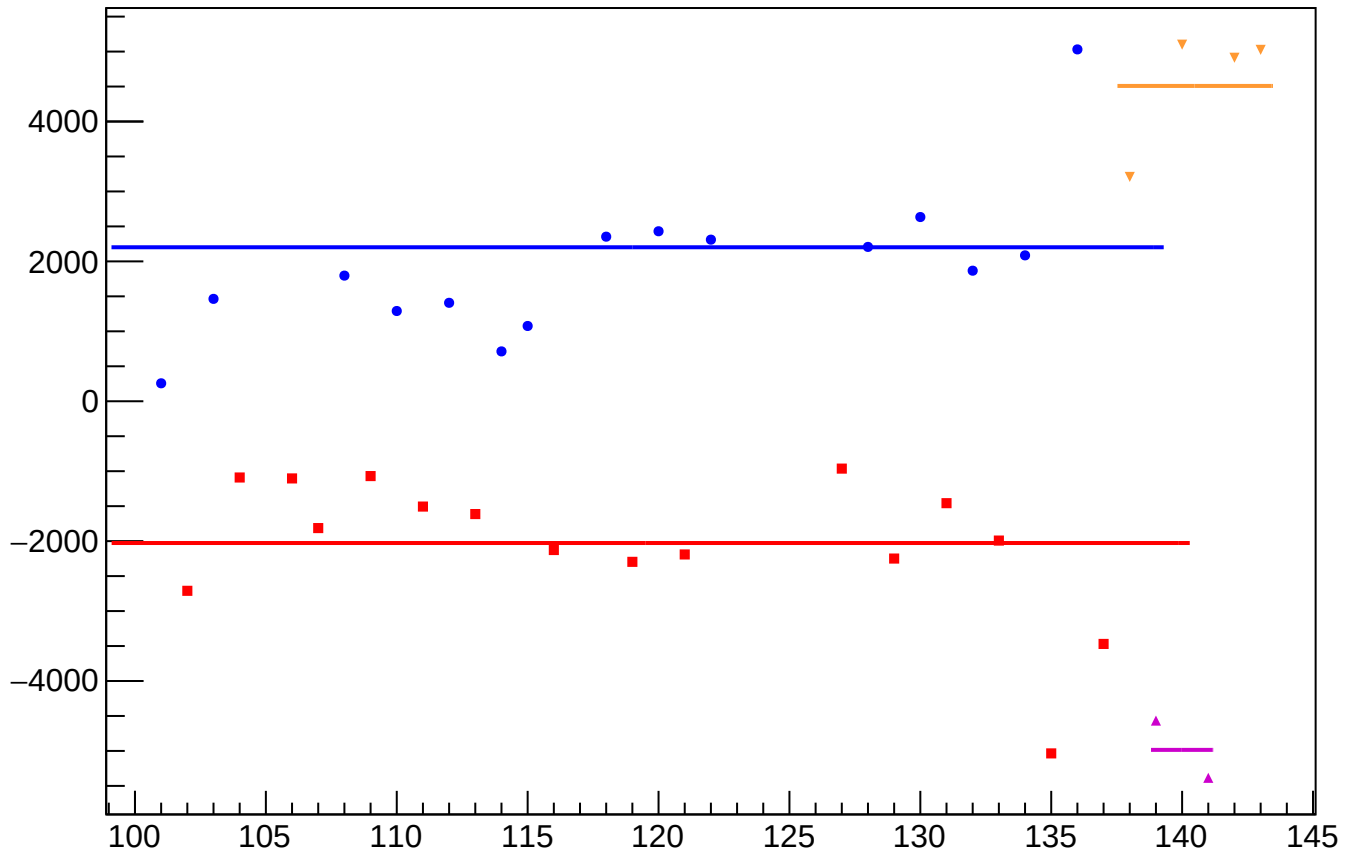
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

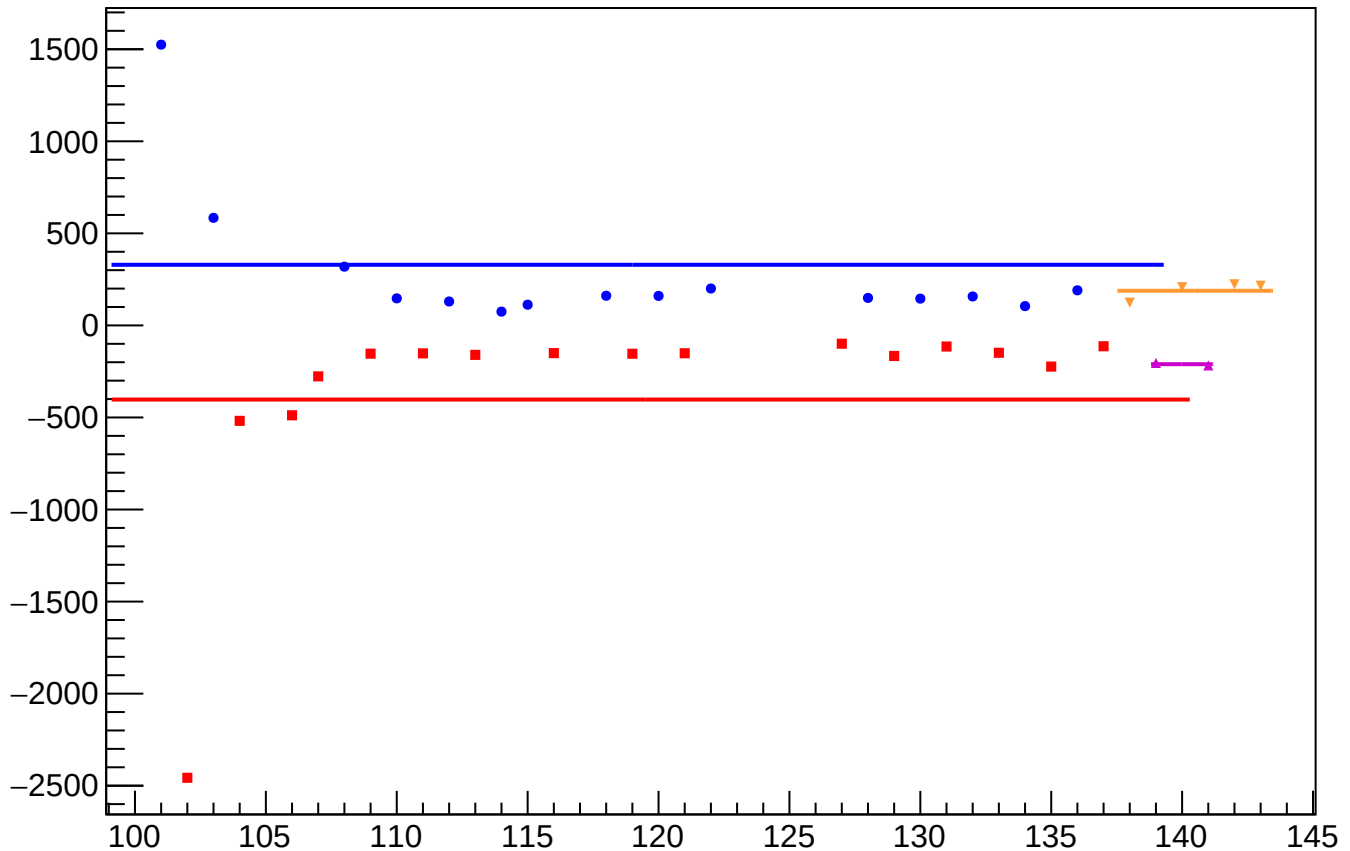
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

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: -4984.912+/-0.000 χ^2/NDF : 27759875427650015916387024401466392576.0/1

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



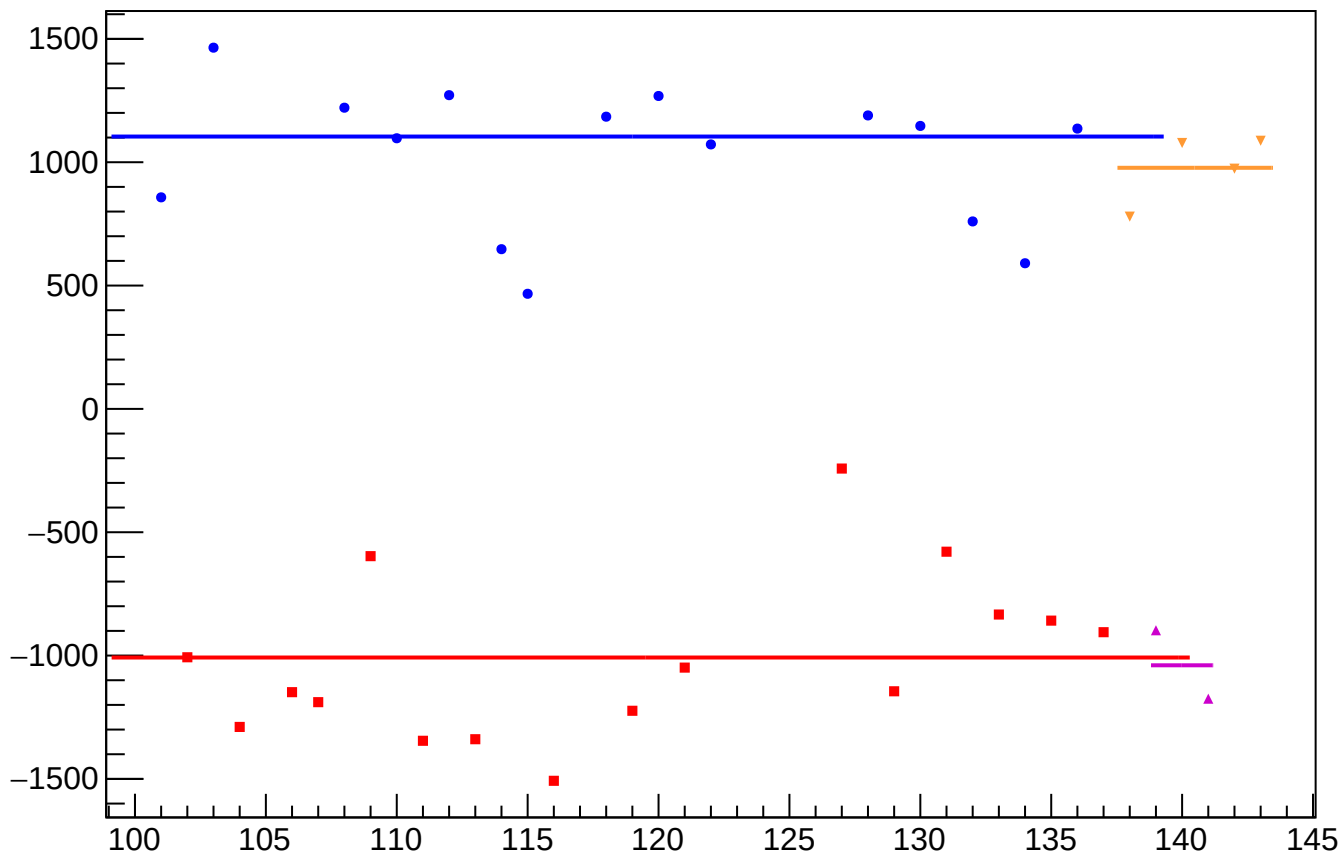
Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

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: -210.686+/-0.000 χ^2/NDF : 7417115842271947478657187727802368.0/1

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



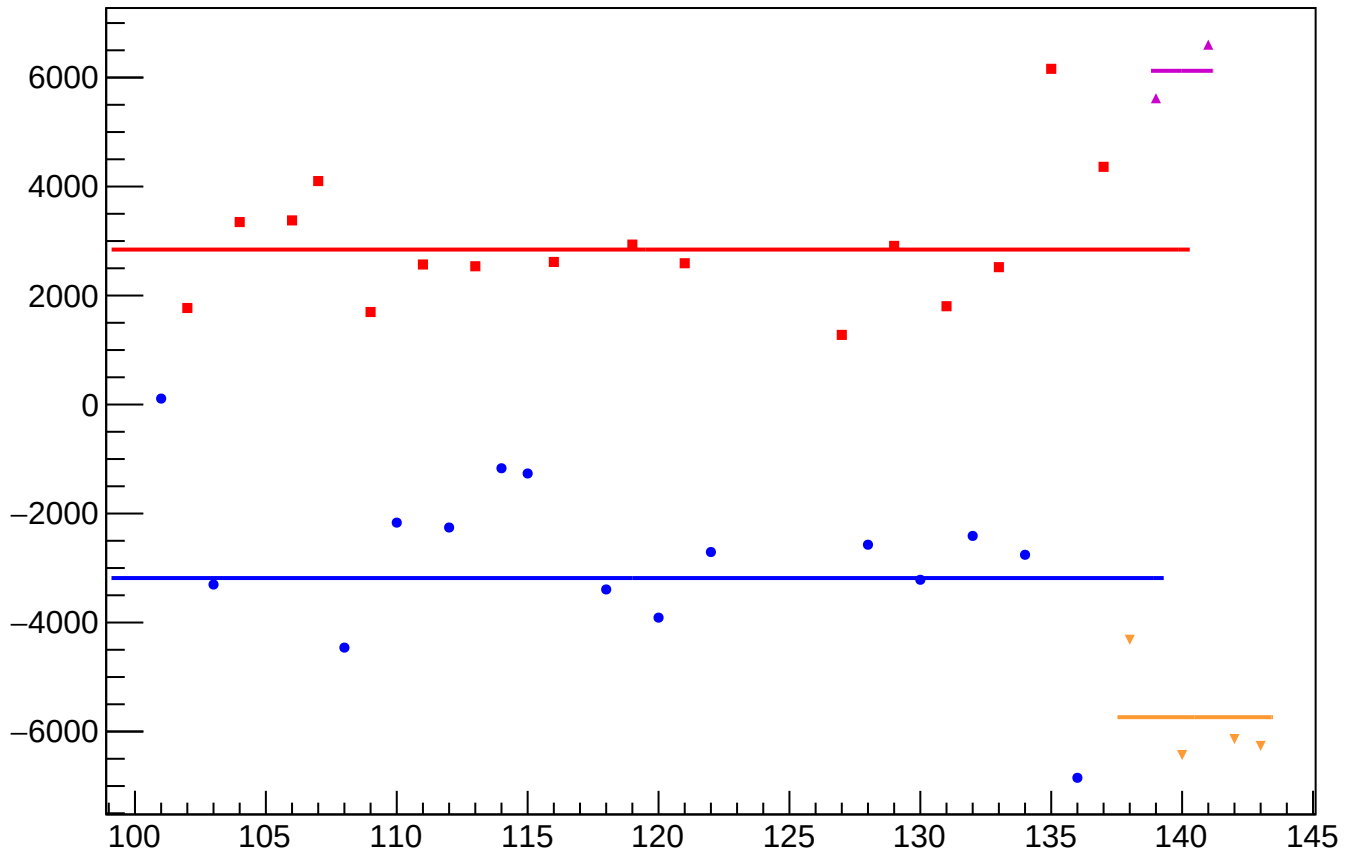
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

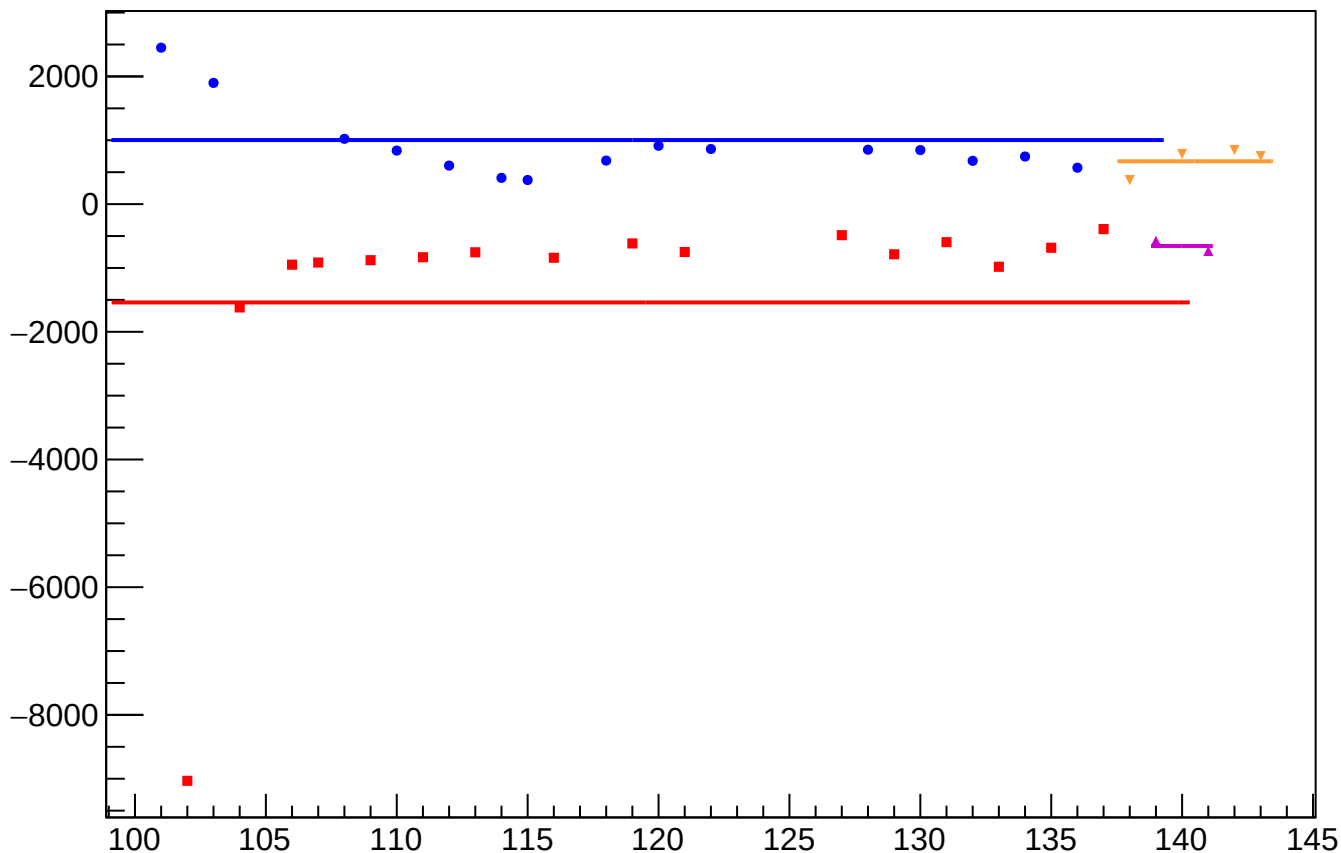
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

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: 6123.663 $\pm$ 0.000 χ^2/NDF : 40063838175302893345000039512895651840.0/1

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



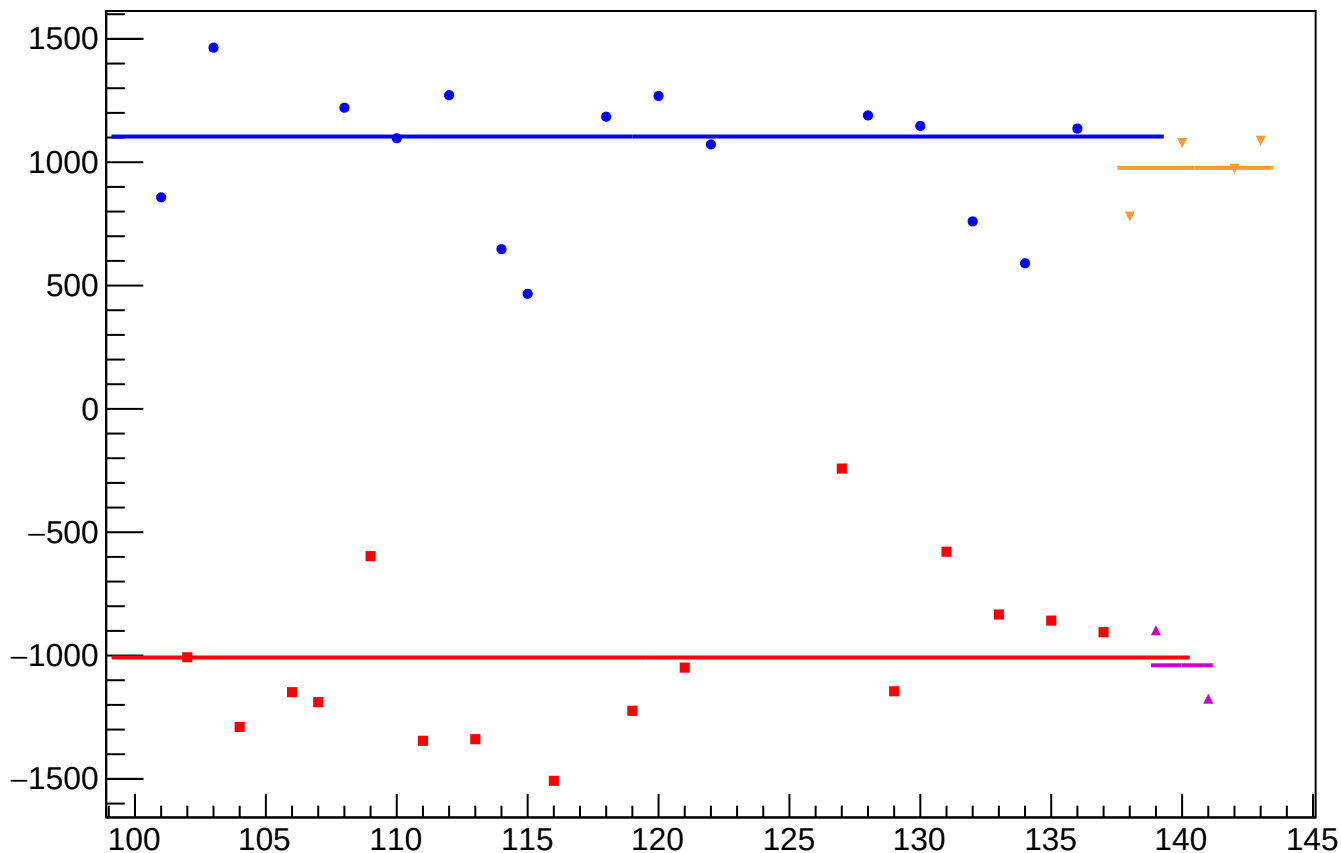
Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

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: -655.516+/-0.000 χ^2/NDF : 1057439467232729478394764959514886144.0/1

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



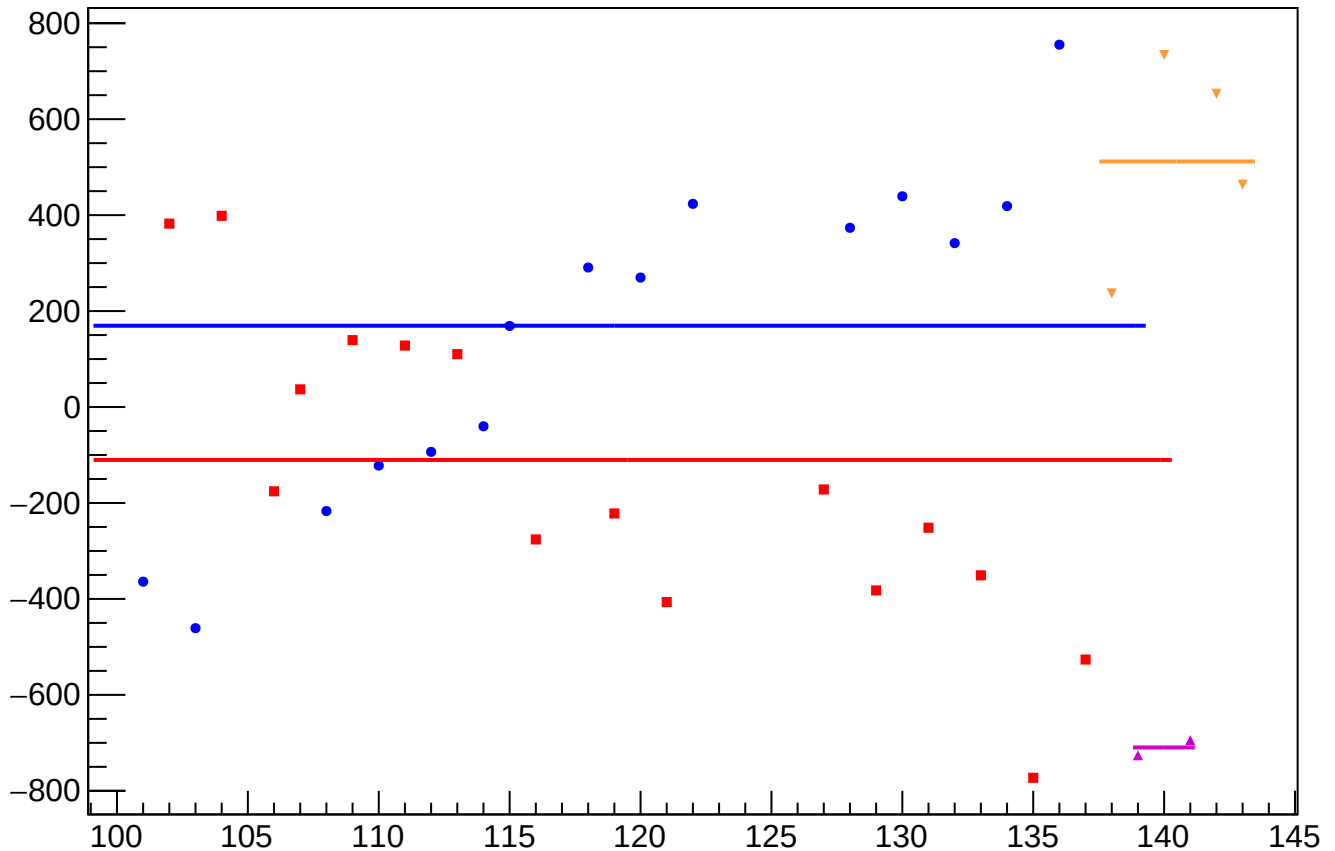
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

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: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam1_coil3_mean vs Slug, Sign Corrected



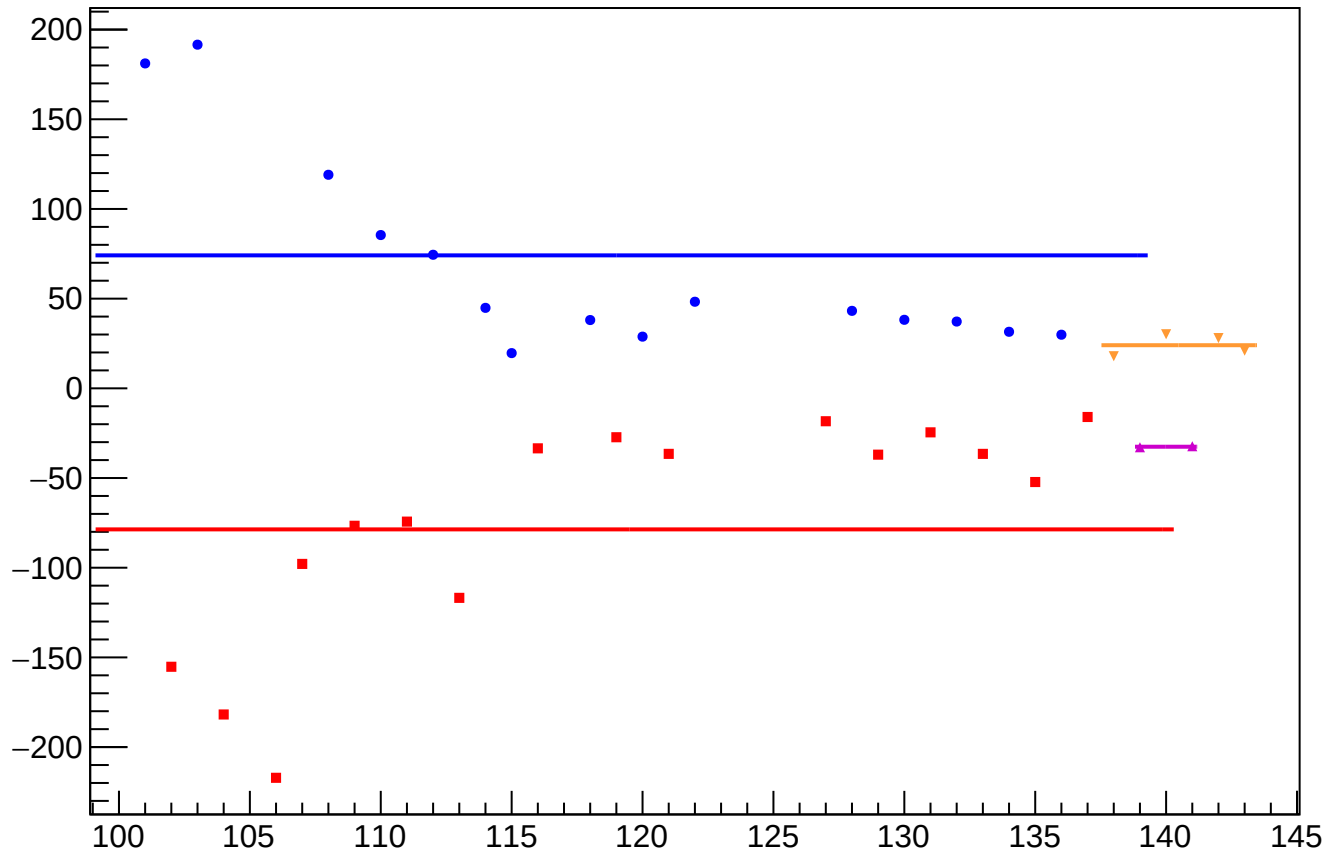
Right In: 169.489 +/- 0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

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: -709.577 +/- 0.000 χ^2/NDF : 41640914980926870104658522752942080.0/1

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



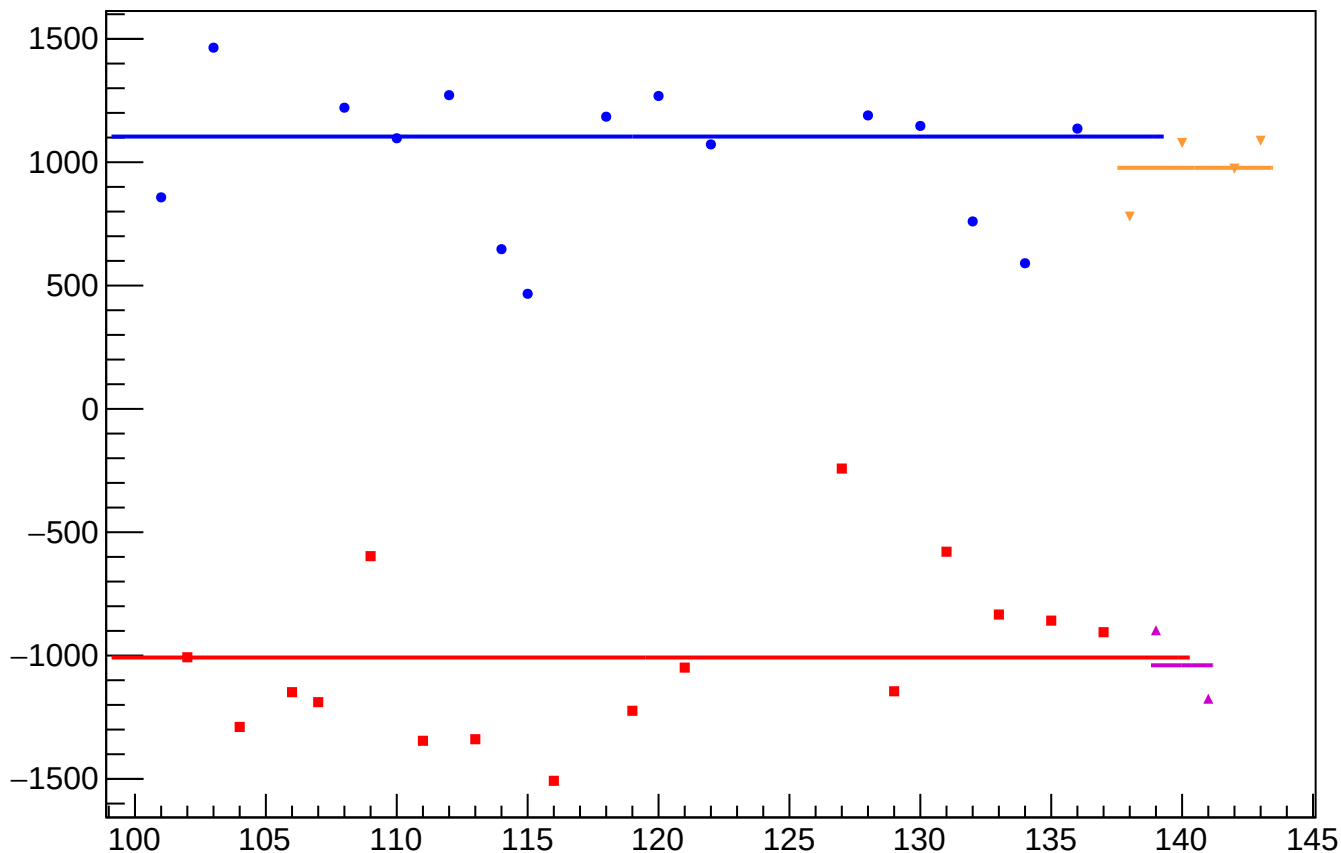
Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

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: -32.553+/-0.000 χ^2/NDF : 13499171427960770422205285662720.0/1

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



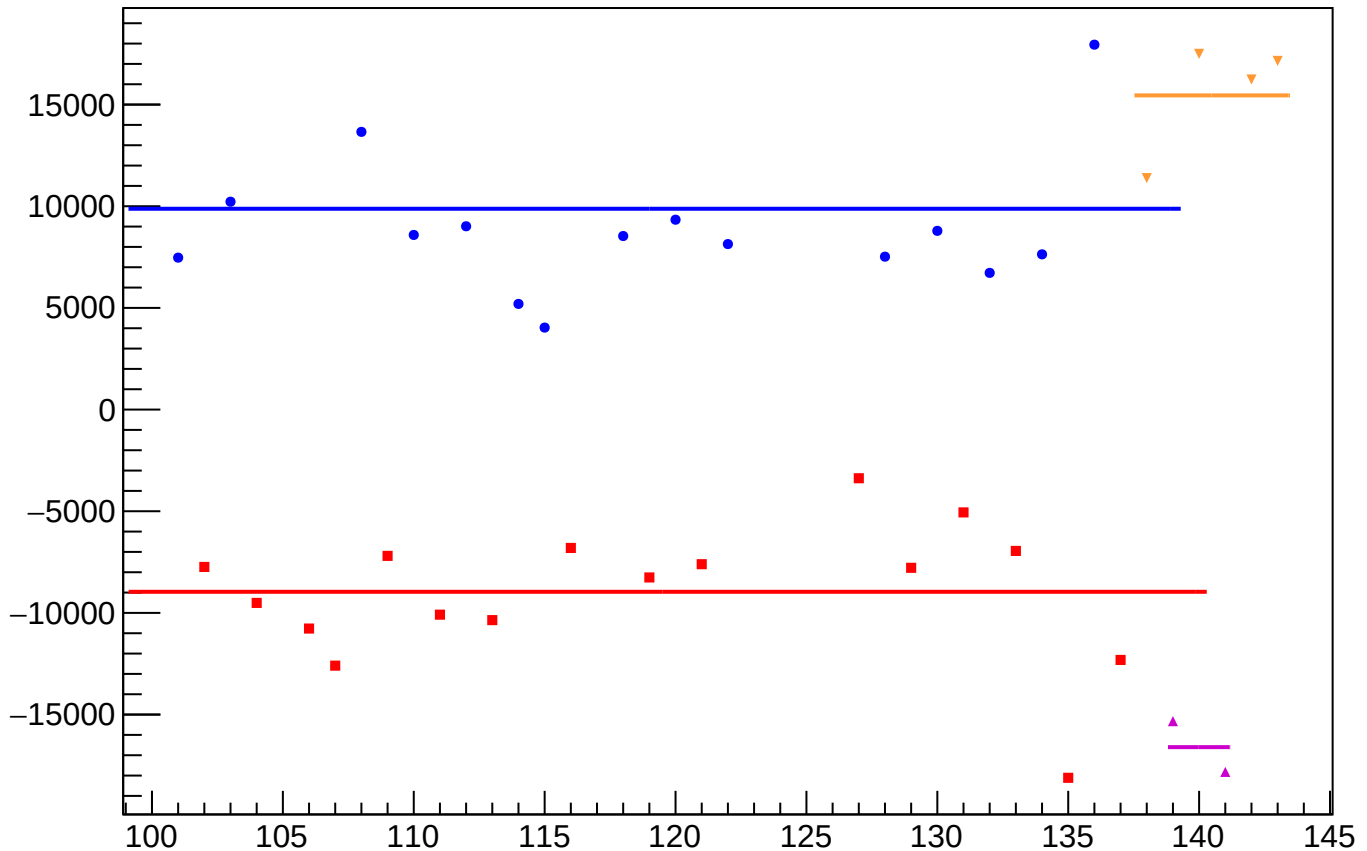
Right In: 1104.111+/-0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2 /NDF: 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

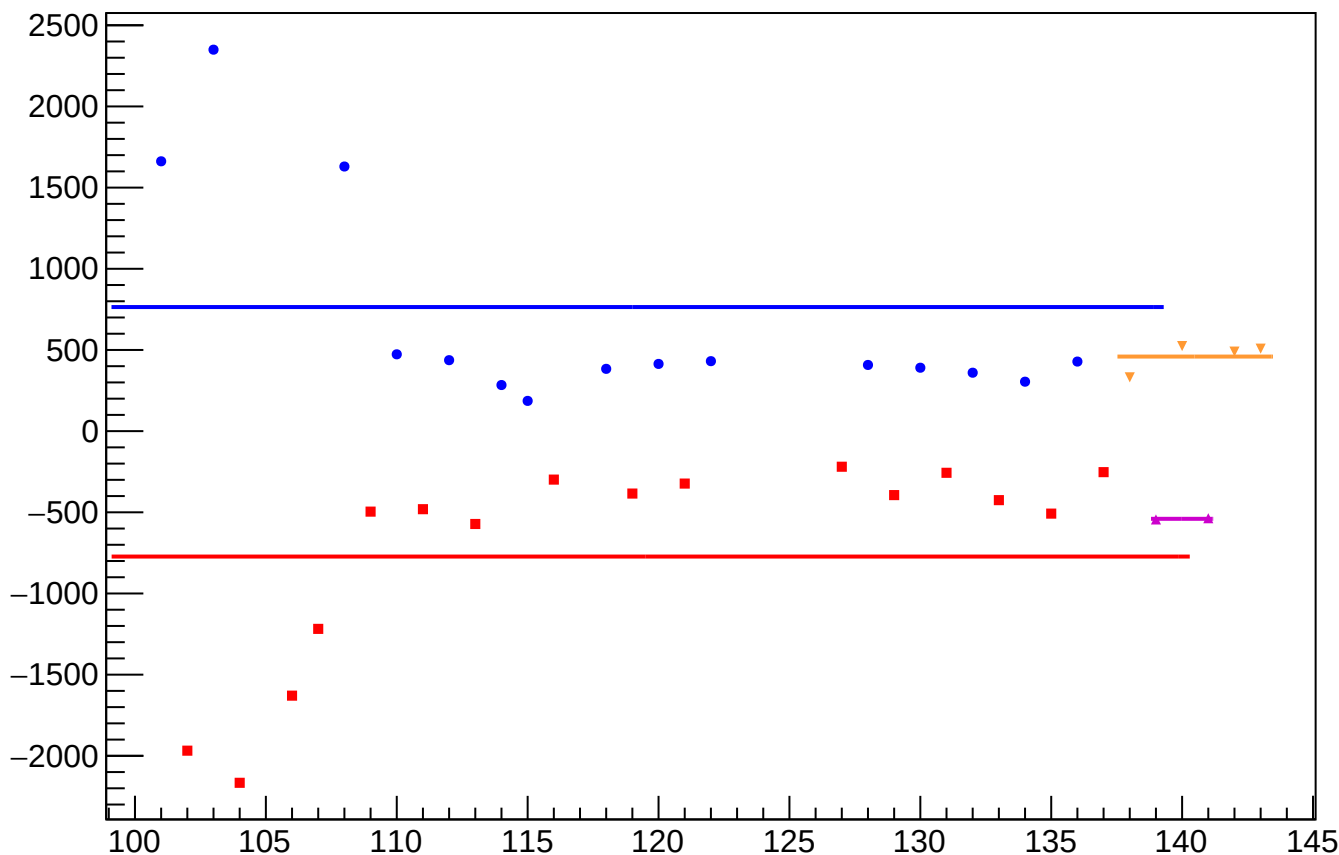
Left In: -1039.434+/-0.000 χ^2 /NDF: 3190890462587587485465426729682075648.0/1

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: -16601.766 +/- 0.000 χ^2/NDF : 258263044100887306236421085539157934080.0/1

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



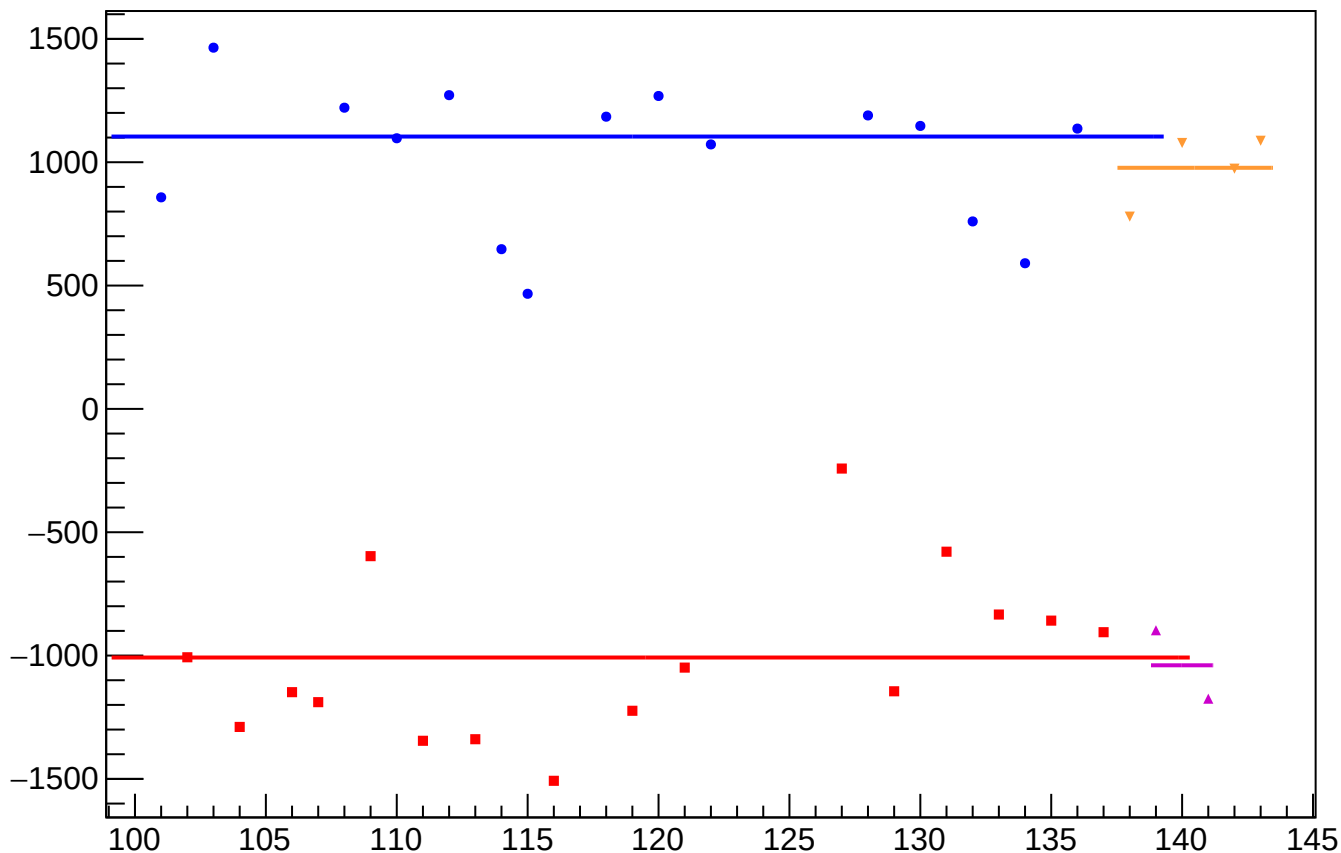
Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

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: -540.110+/-0.000 χ^2/NDF : 233863470097771130264437989048320.0/1

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



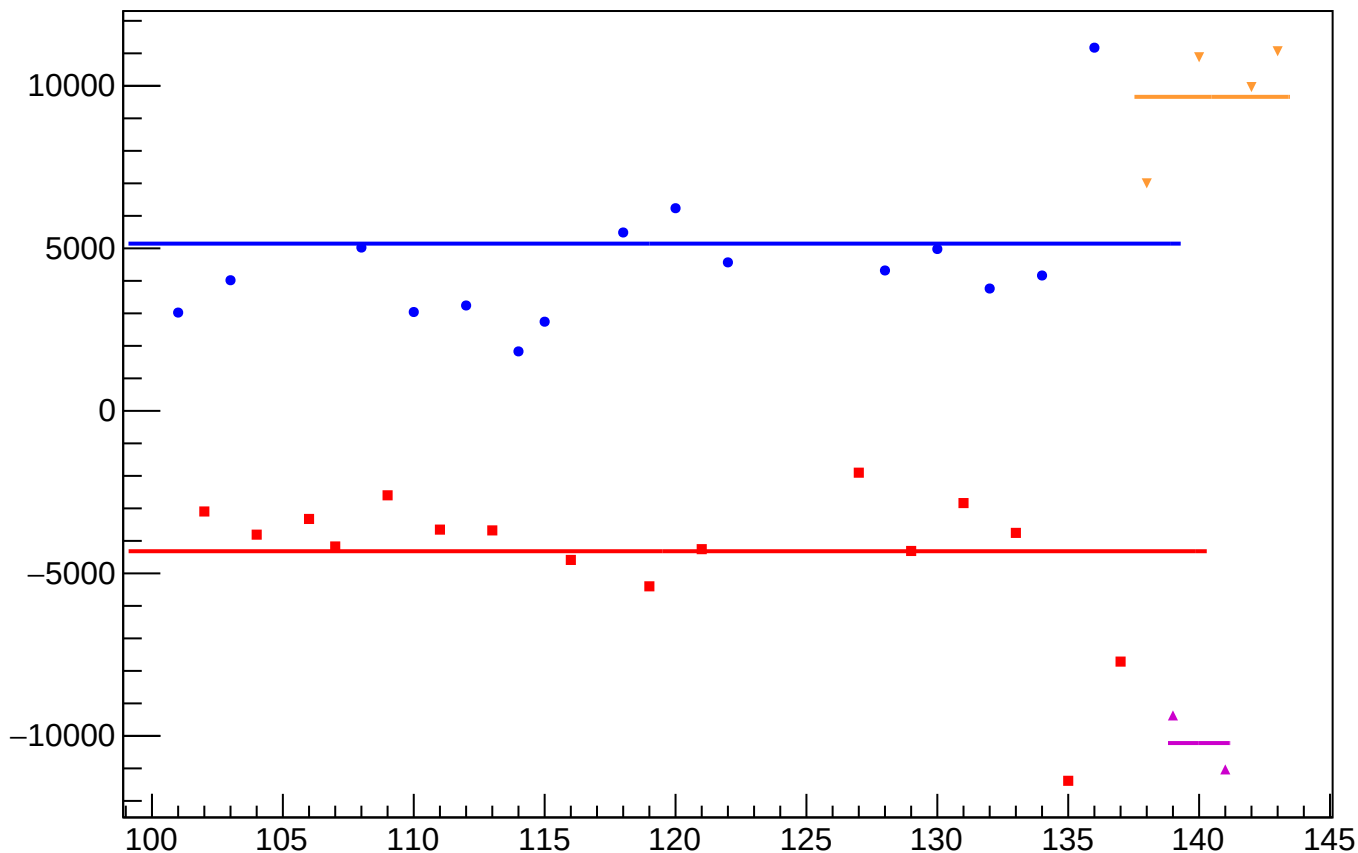
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

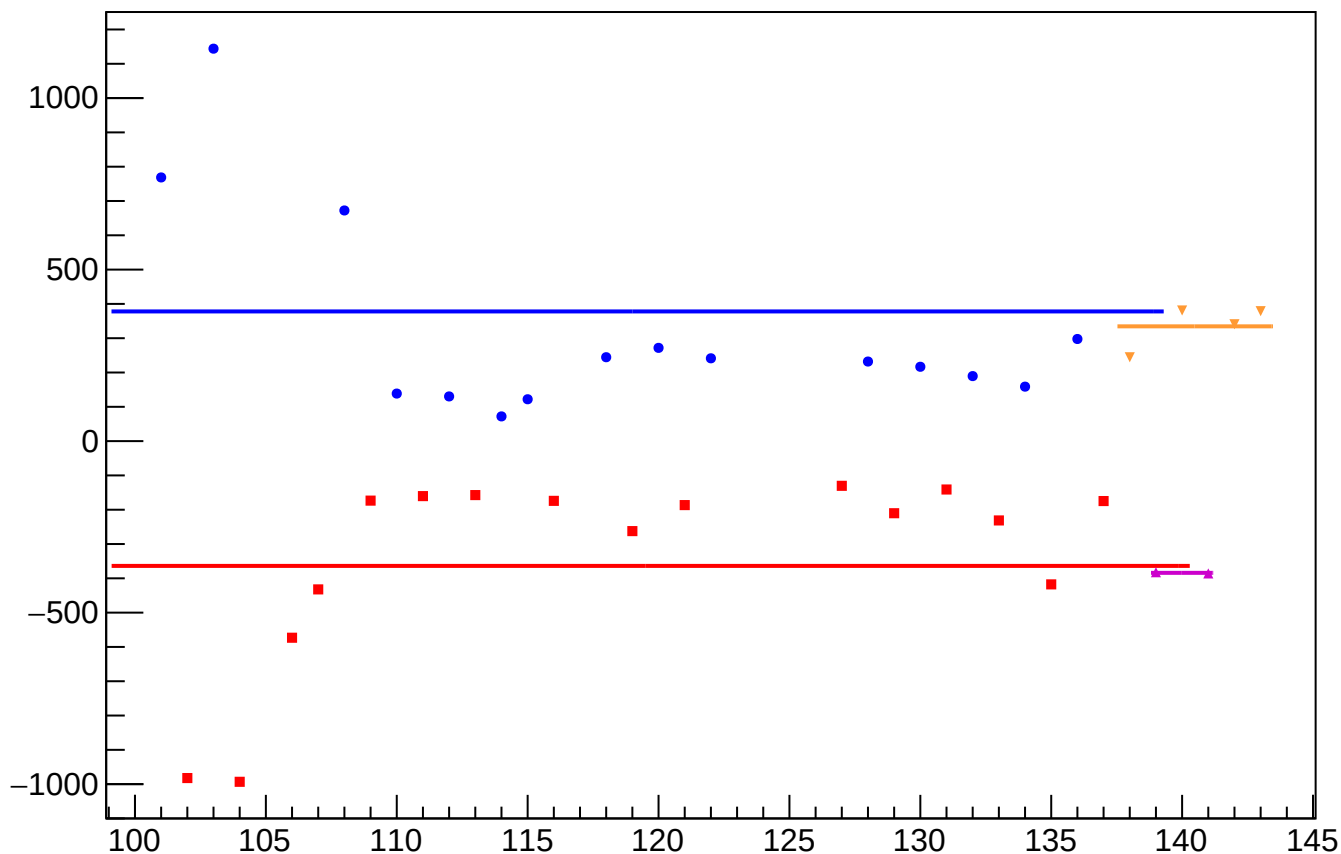
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

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: -10220.171+/-0.000 χ^2/NDF : 114445354978394543399266070218781229056.0/1

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



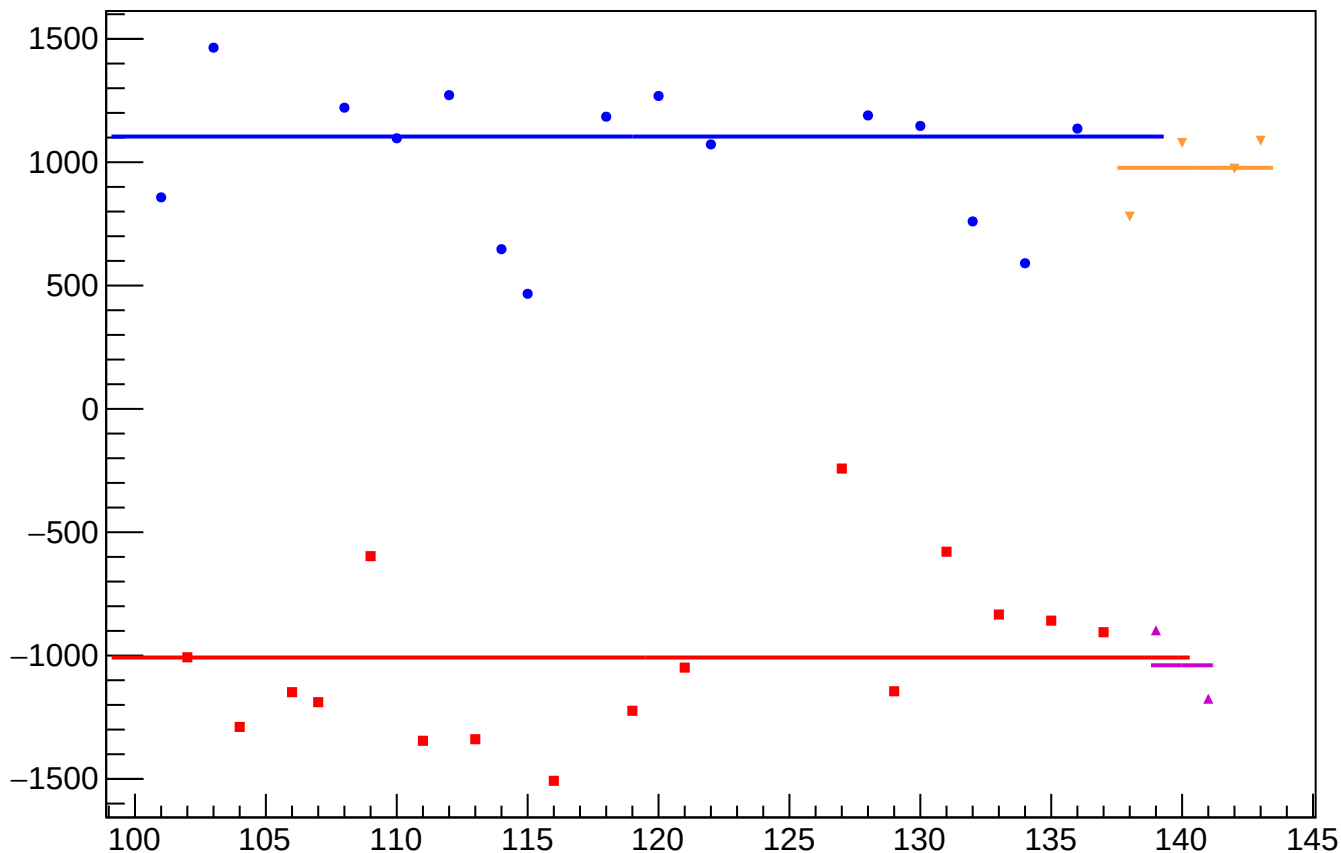
Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

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: -384.026+/-0.000 χ^2/NDF : 506966975648542809714352902373376.0/1

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



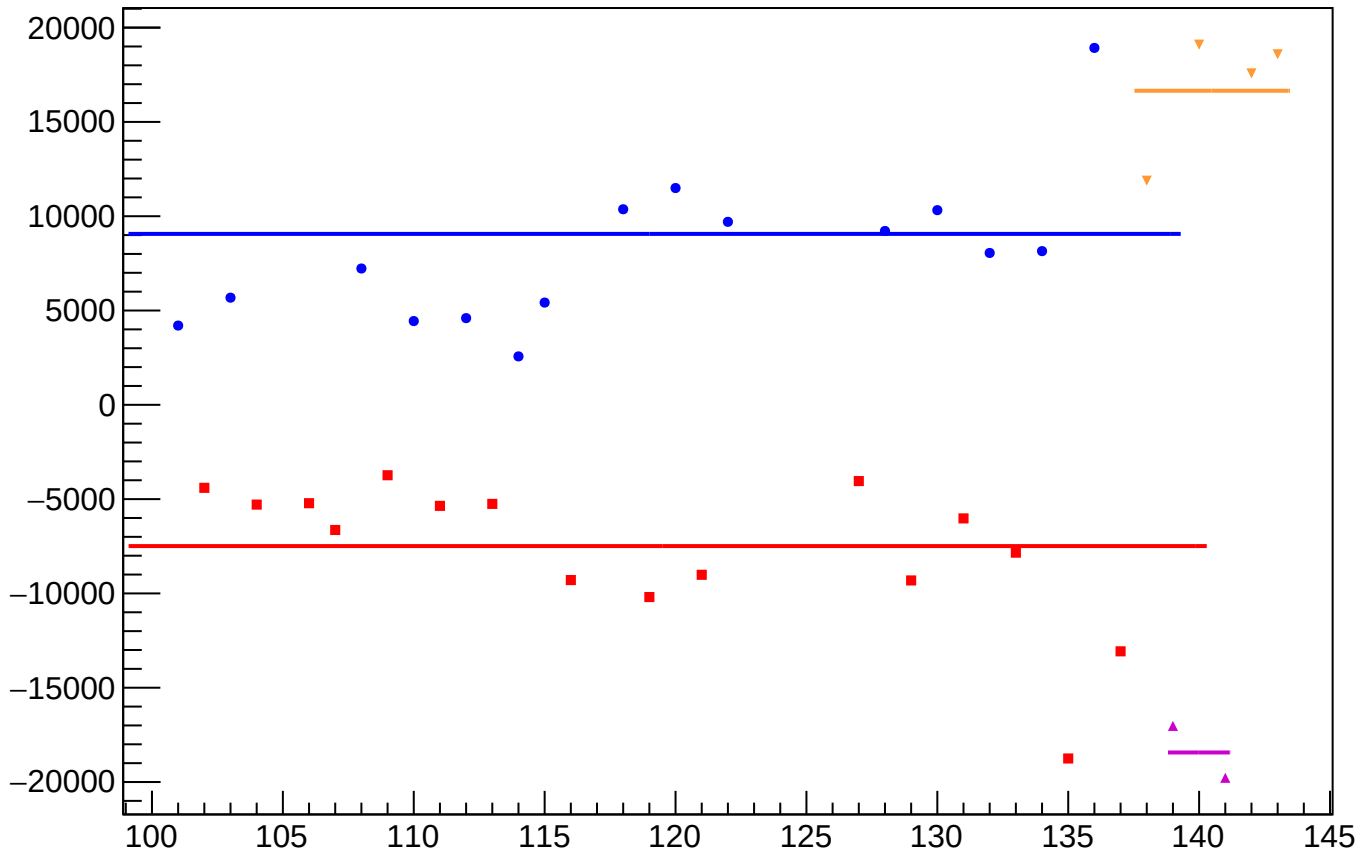
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

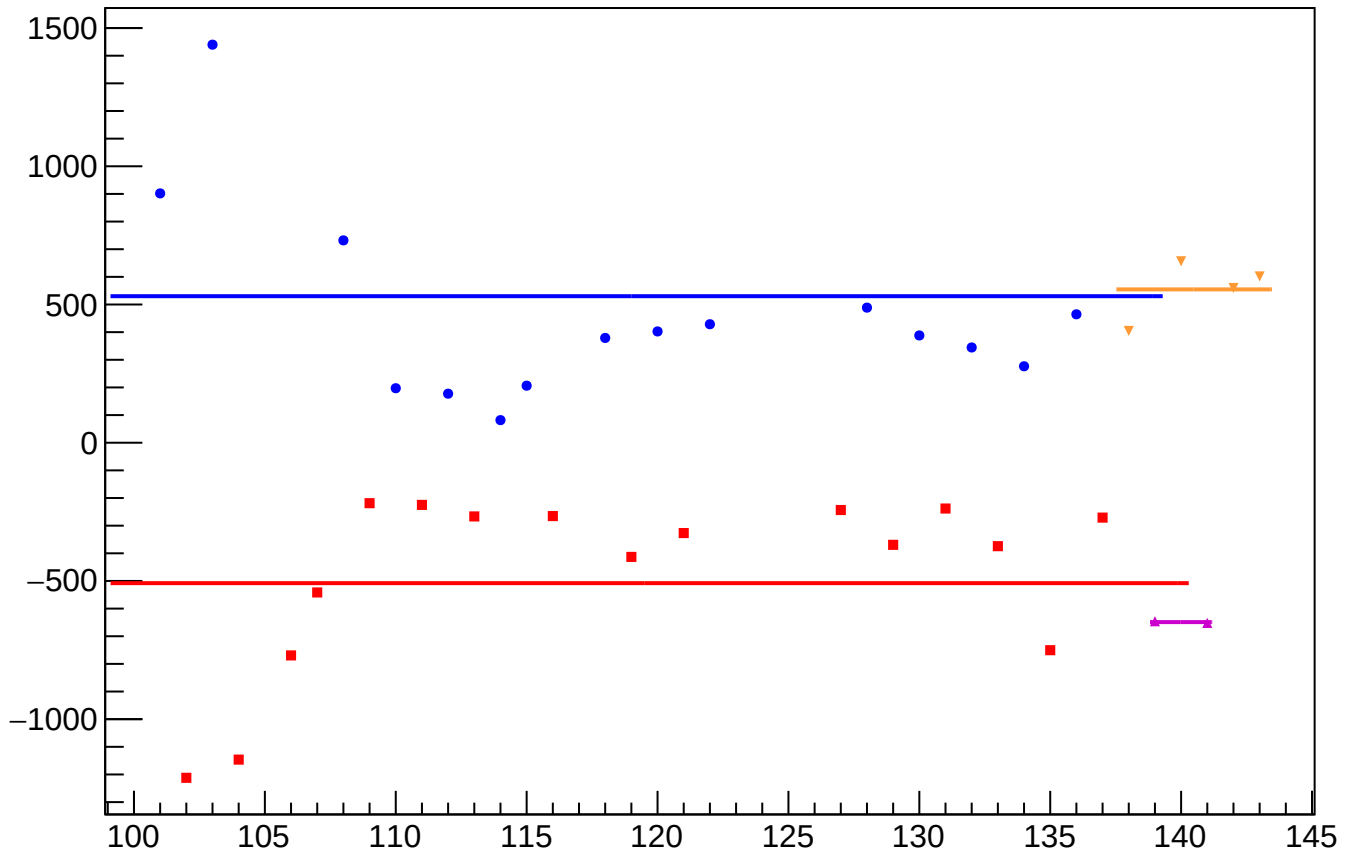
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

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: -18433.097 +/- 0.000 χ^2/NDF : 314257356308487744970842237423144927232.0/1

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



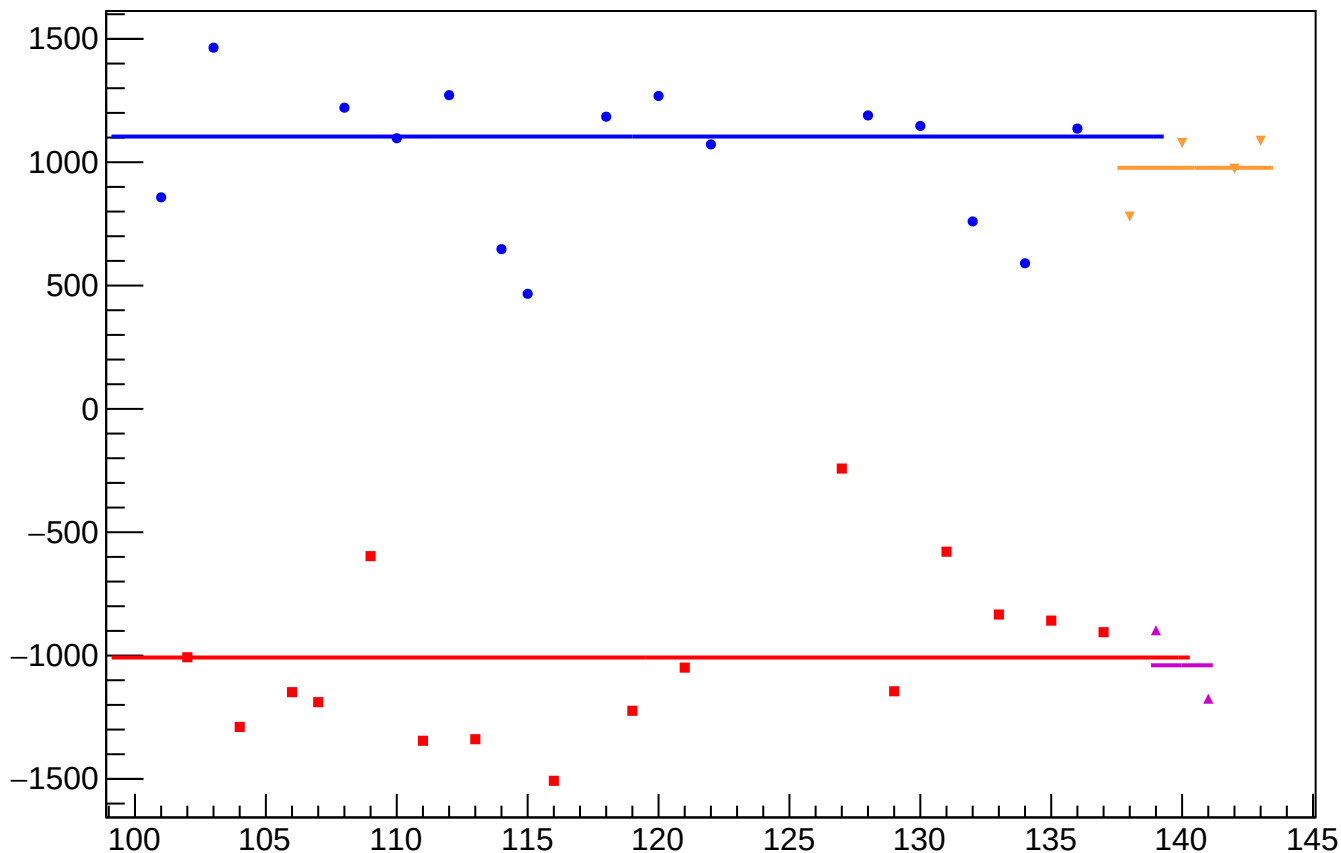
Right In: 530.057 $\pm$ 0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

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: -648.863 $\pm$ 0.000 χ^2/NDF : 1464306253366455863128214678274048.0/1

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



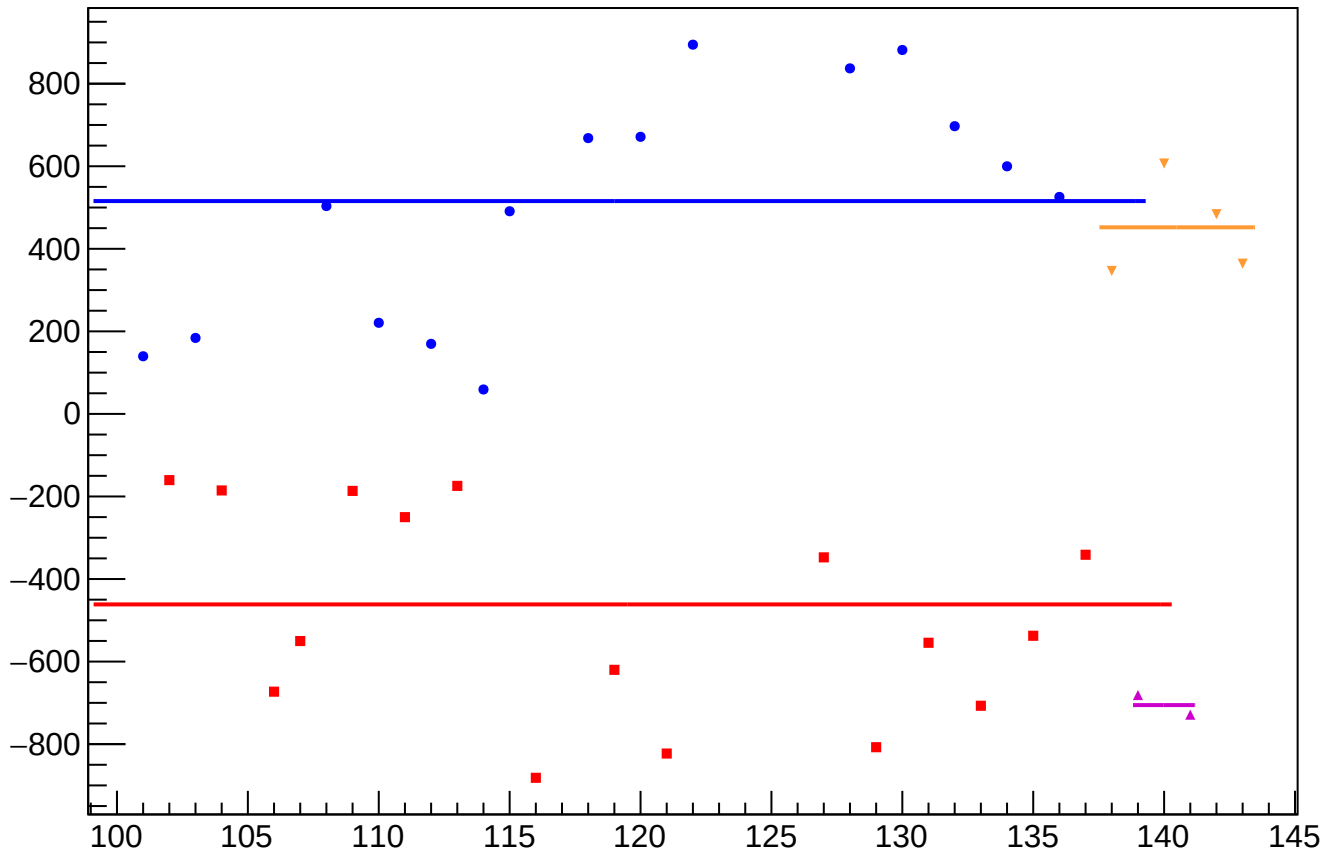
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

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: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam5_coil3_mean vs Slug, Sign Corrected



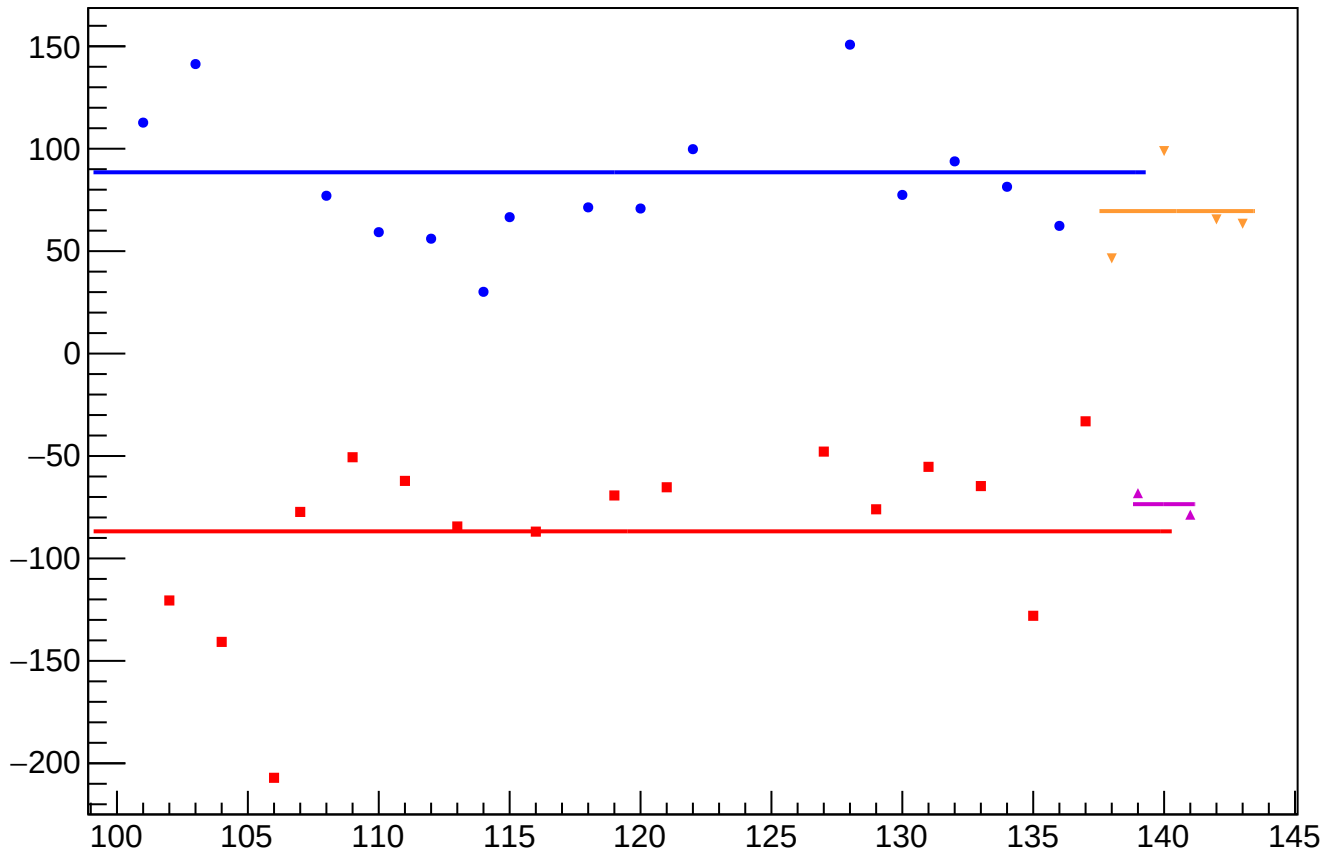
Right In: 515.635 +/- 0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

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: -705.419 +/- 0.000 χ^2/NDF : 93820359641173952005361019400486912.0/1

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



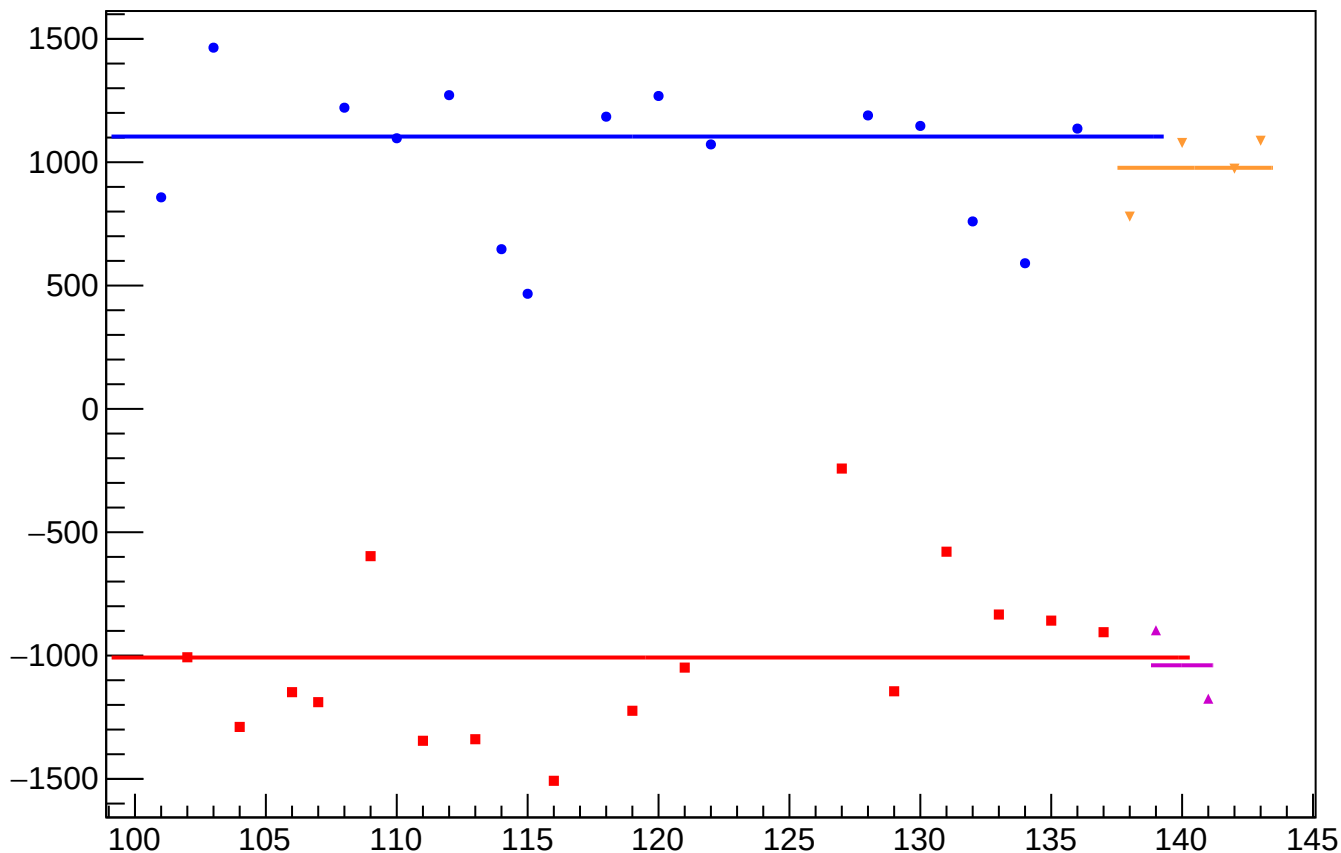
Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

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: -73.505+/-0.000 χ^2/NDF : 4574198545160944691682393639092224.0/1

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



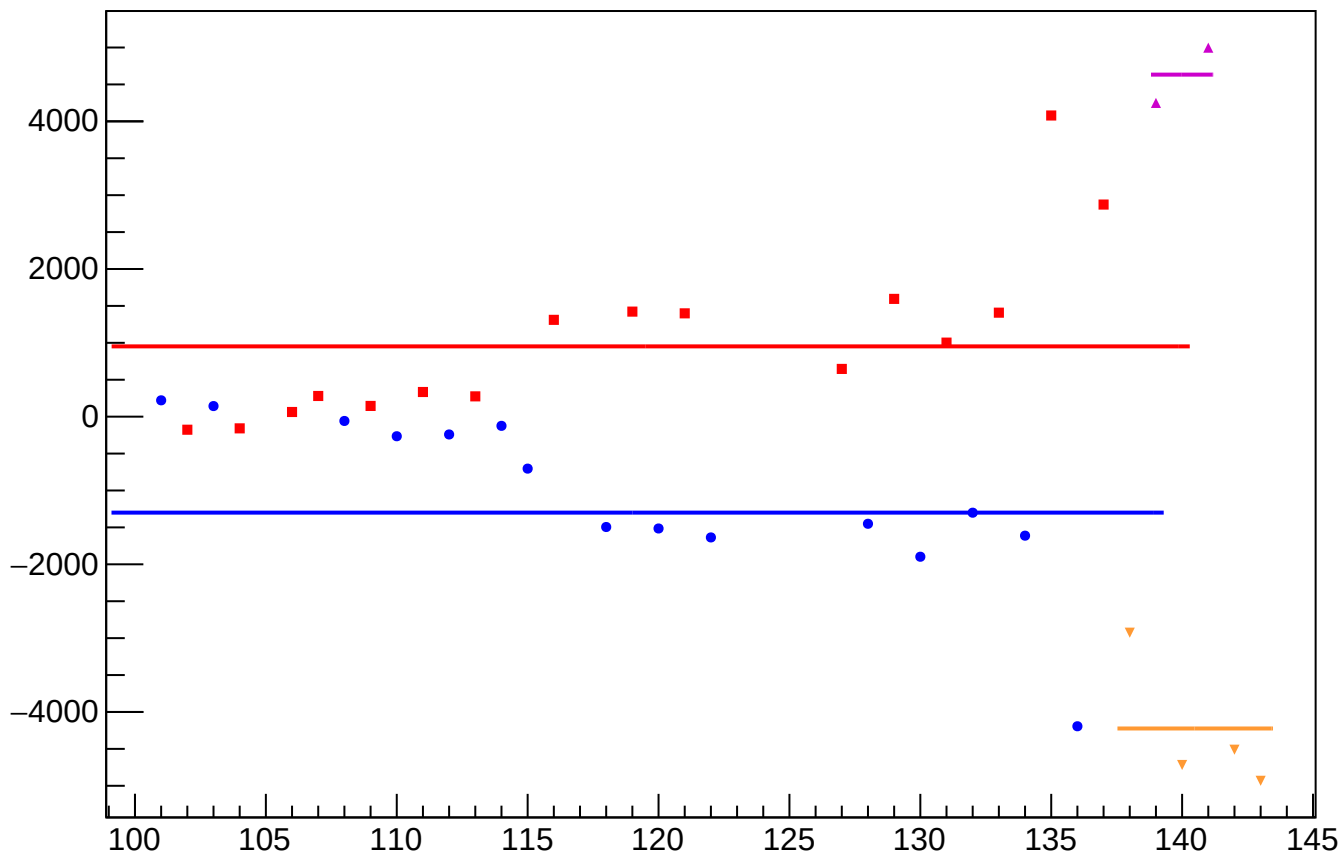
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

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: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904 +/- 0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -4223.778 +/- 0.000

χ^2/NDF : 188817617015380895178940398849692270592.0/3

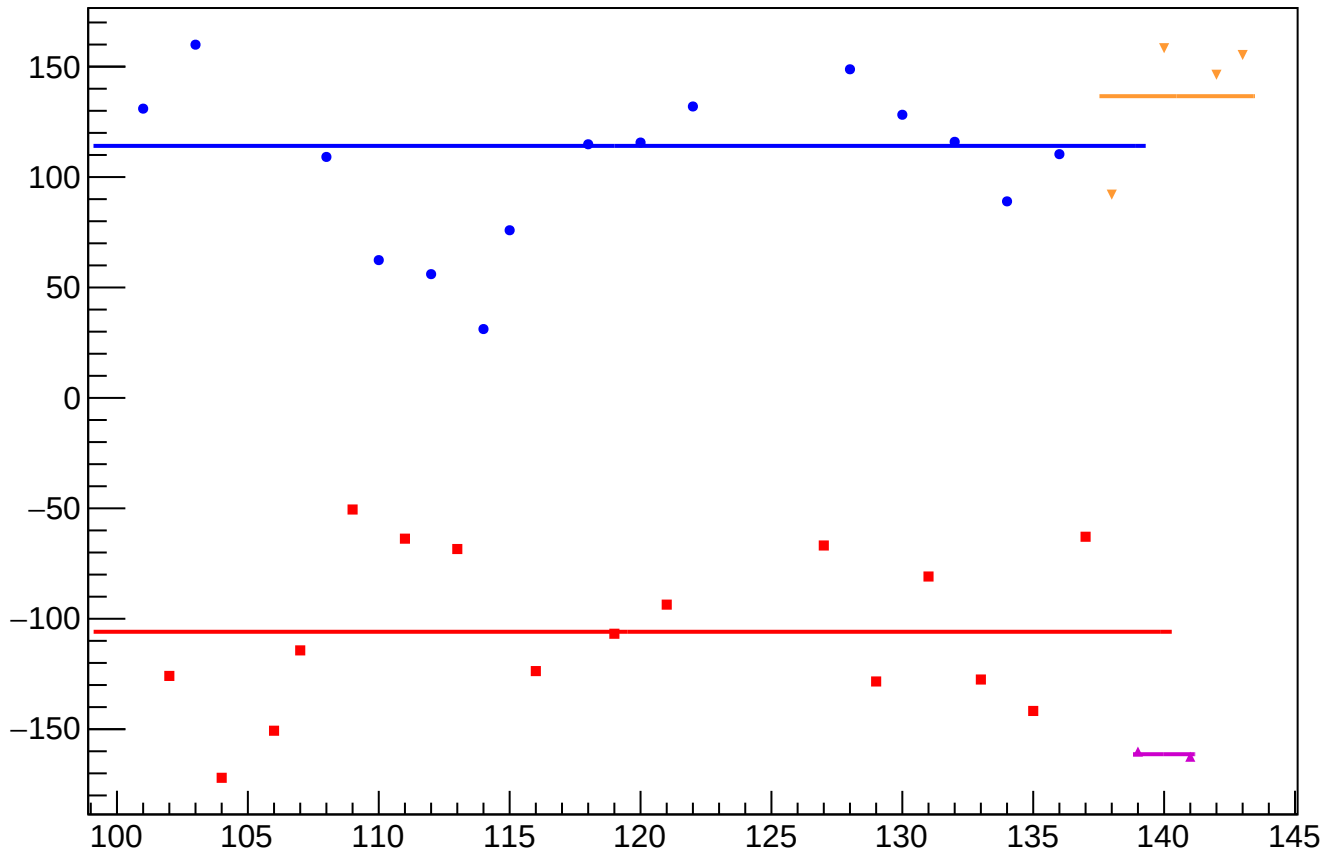
Right Out: 951.903 +/- 0.000

χ^2/NDF : 841314696863657044174468284217089327104.0/15

Left In: 4632.740 +/- 0.000

χ^2/NDF : 23219875075477612909409003803013808128.0/1

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



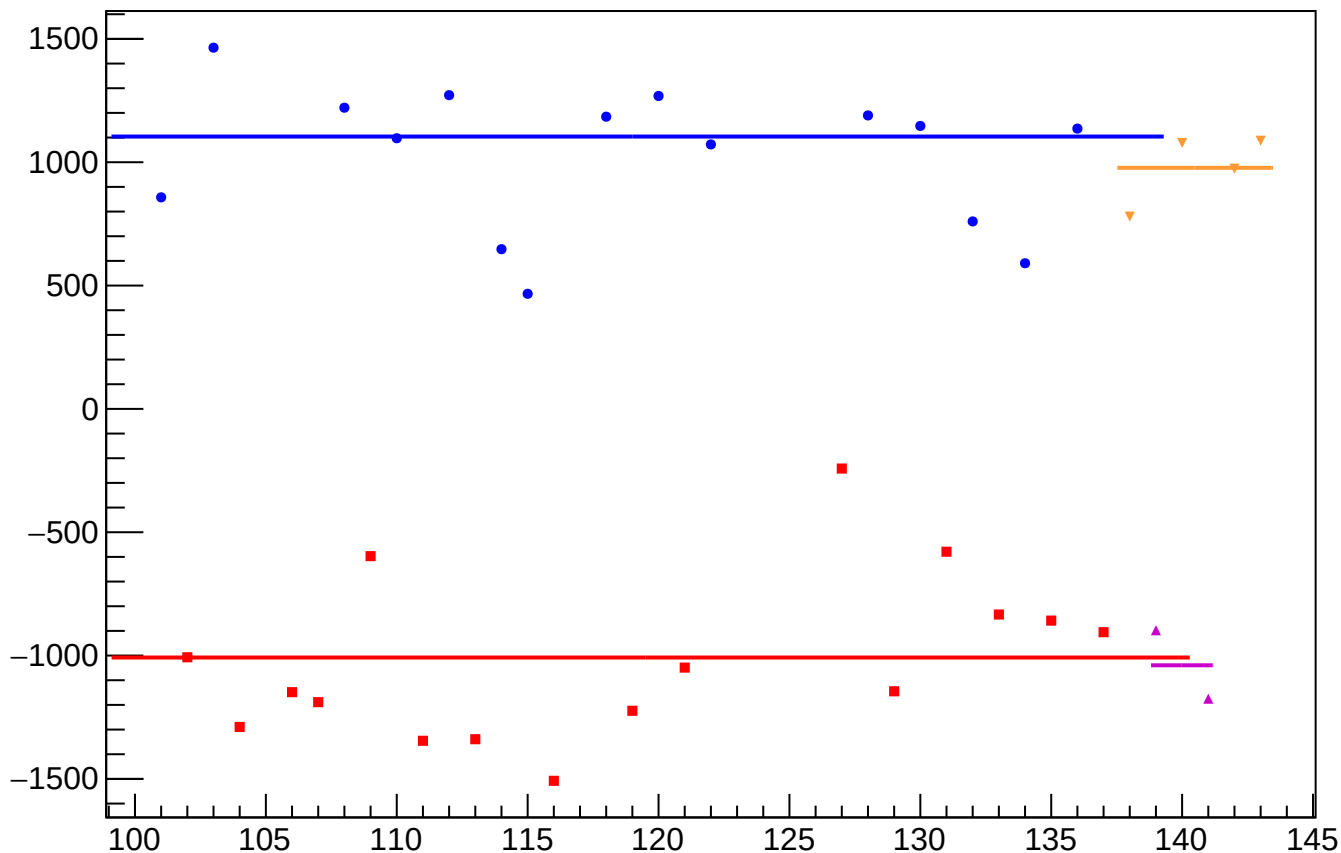
Right In: 114.118 +/- 0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

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: -161.326 +/- 0.000 χ^2/NDF : 226919814086645165874365102817280.0/1

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



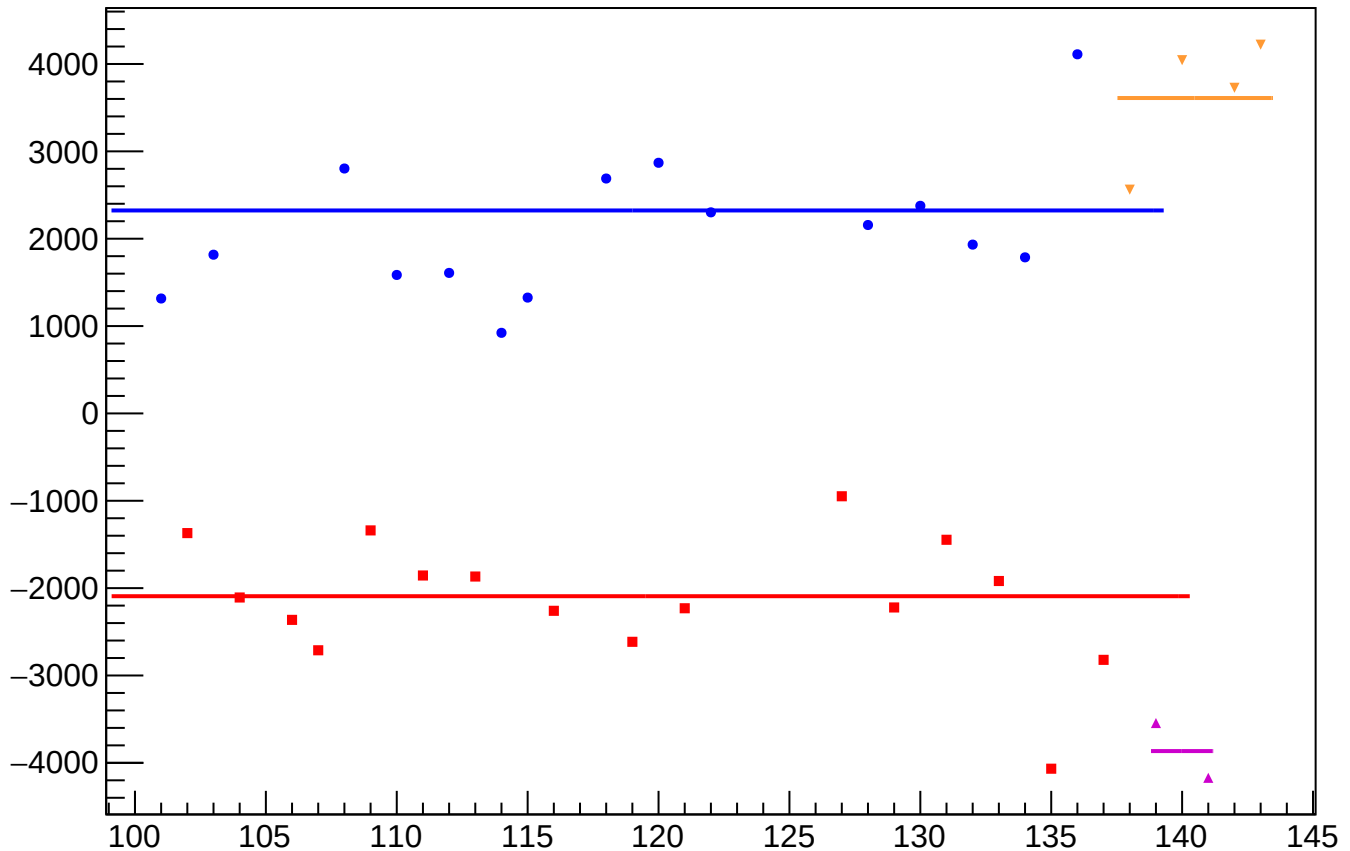
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

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: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam7_coil3_mean vs Slug, Sign Corrected



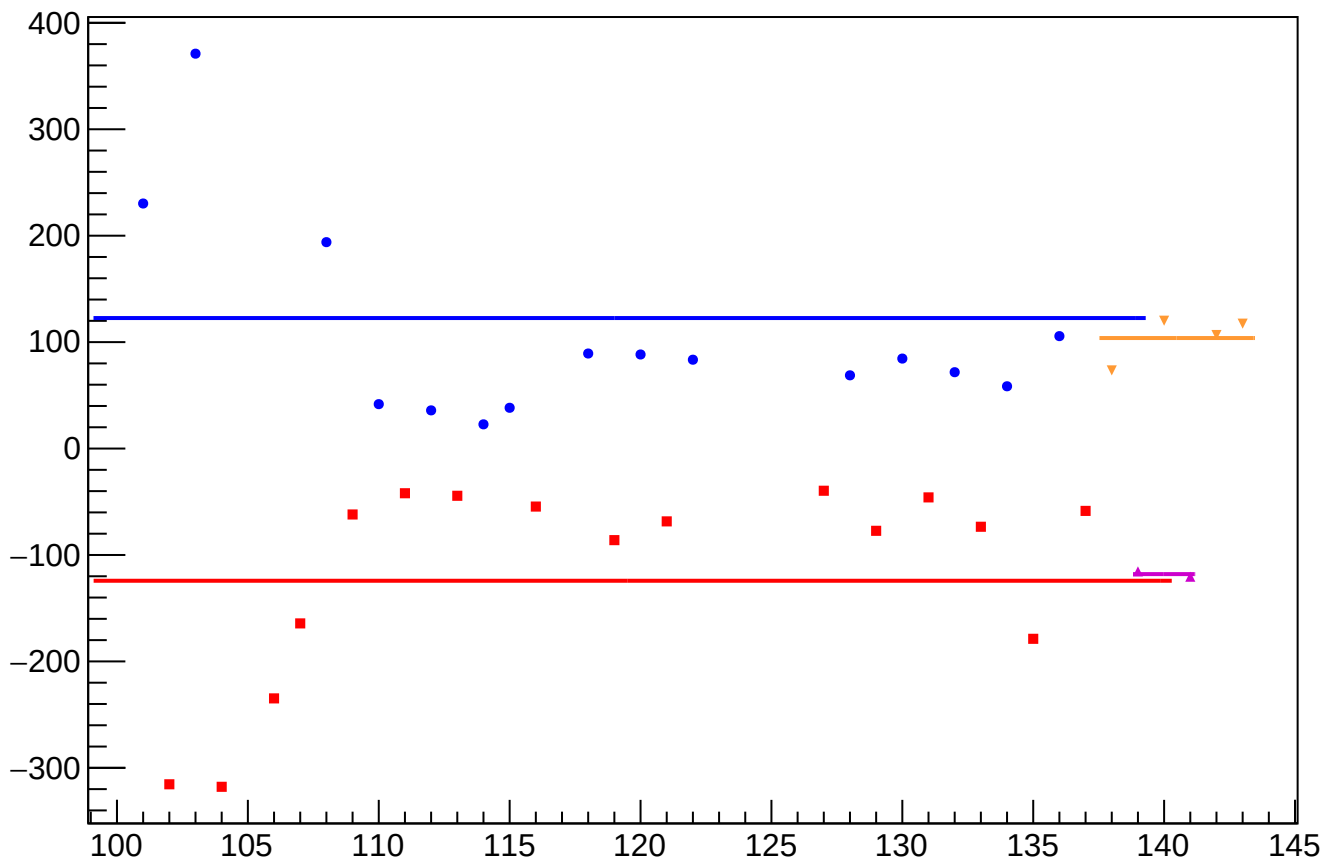
Right In: 2323.372 $\pm$ 0.000 χ^2 /NDF: 476371189888349375964725620757728591872.0/14

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: -3865.308 $\pm$ 0.000 χ^2 /NDF: 16300122688992711960393078589947379712.0/1

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



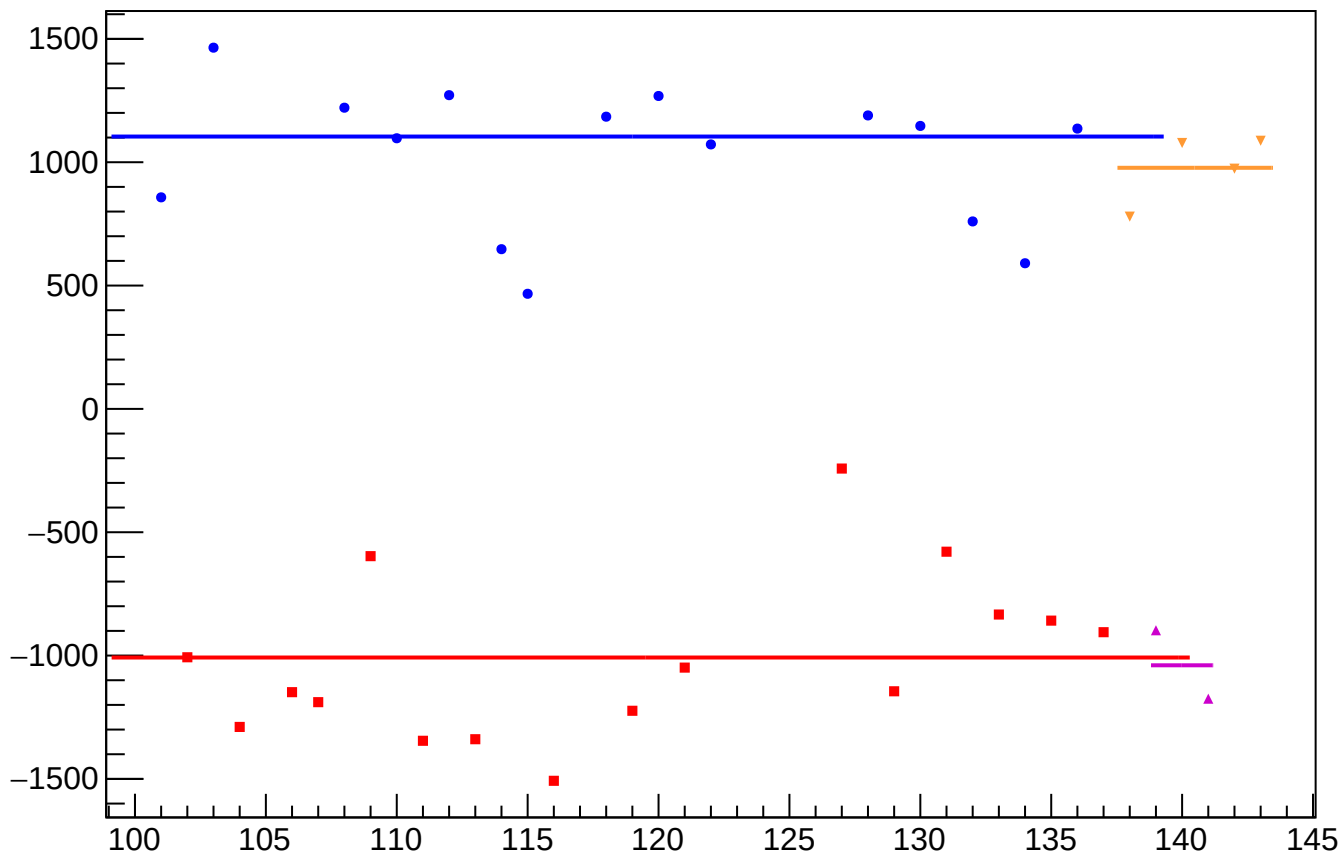
Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14

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: -117.965+/-0.000 χ^2/NDF : 1042531866571968466952345440223232.0/1

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



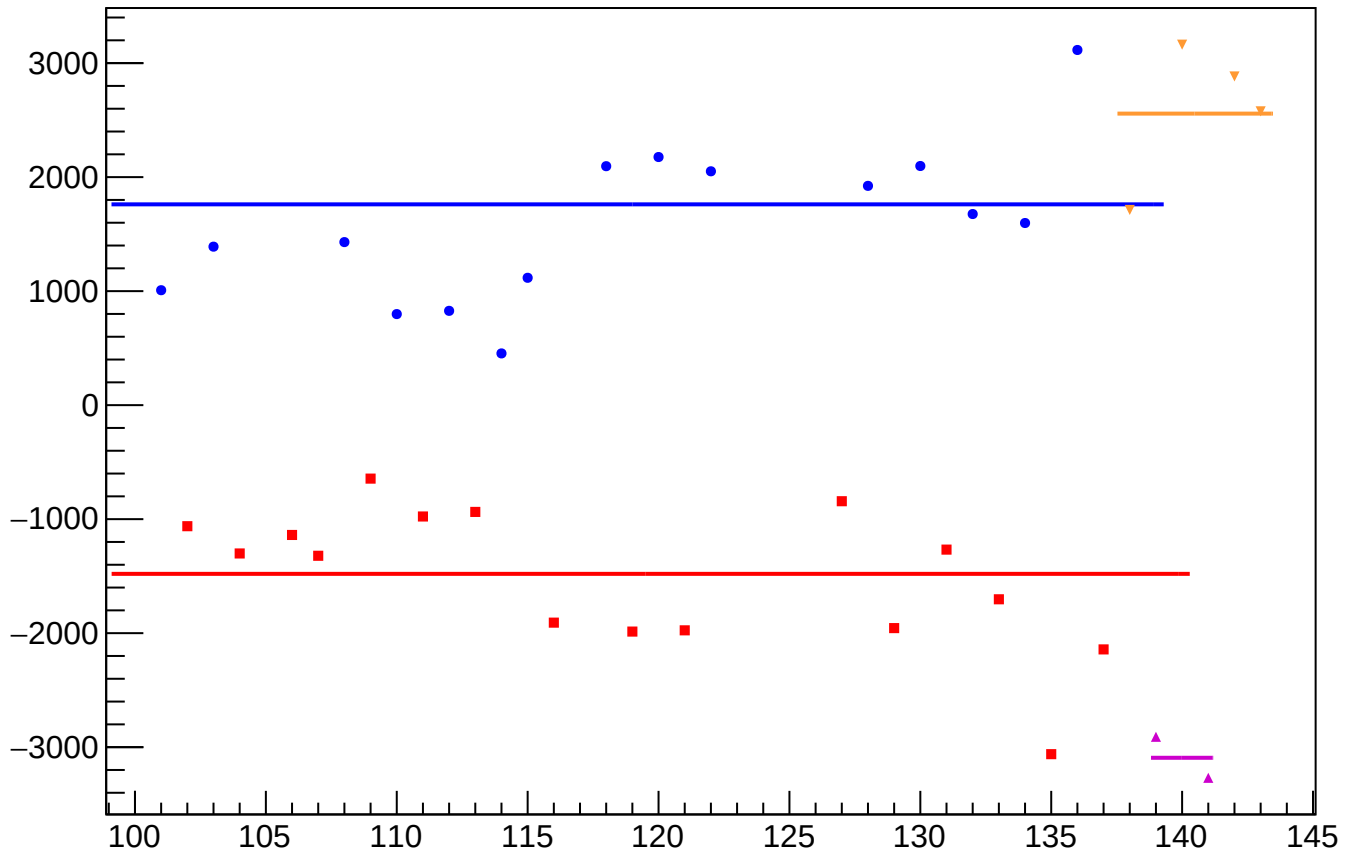
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 977.410+/-0.000 χ^2/NDF : 4692145345856563059513226543960686592.0/3

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

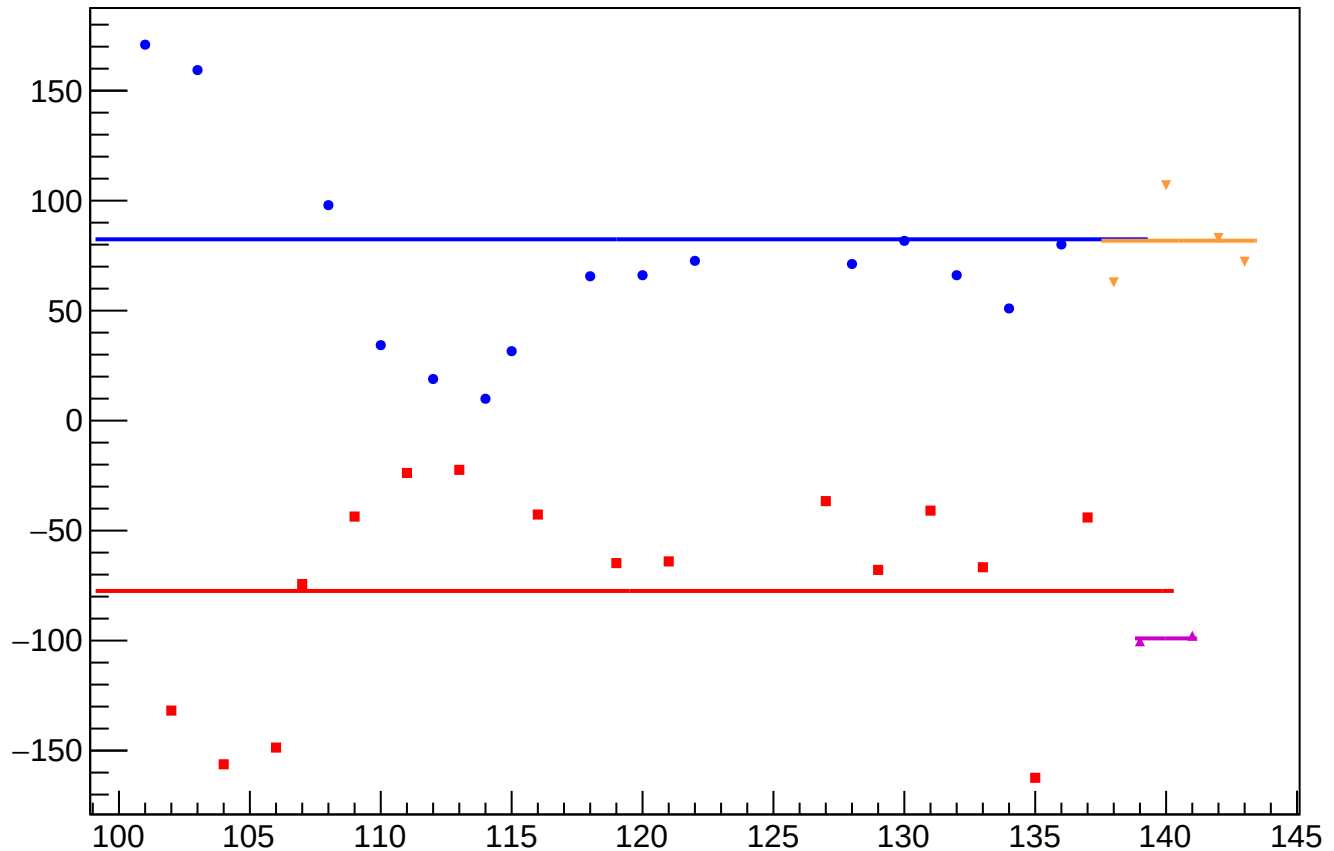
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

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: -3093.086 +/- 0.000 χ^2/NDF : 5368587643591467454354739894104883200.0/1

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



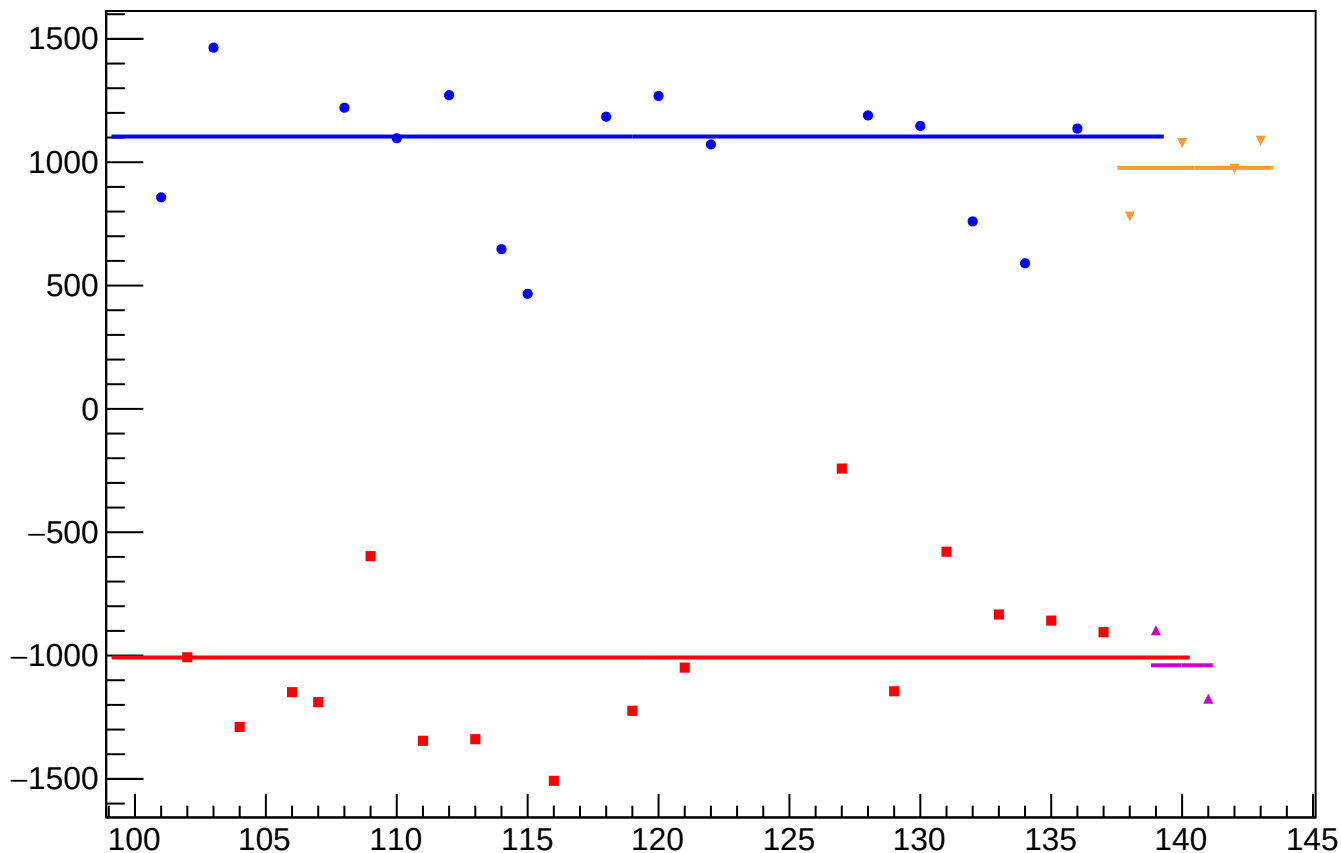
Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 81.798+/-0.000 χ^2/NDF : 86317085676814796284419564283887616.0/3

Right Out: -77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

Left In: -99.003+/-0.000 χ^2/NDF : 265642768921621432337008464756736.0/1

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



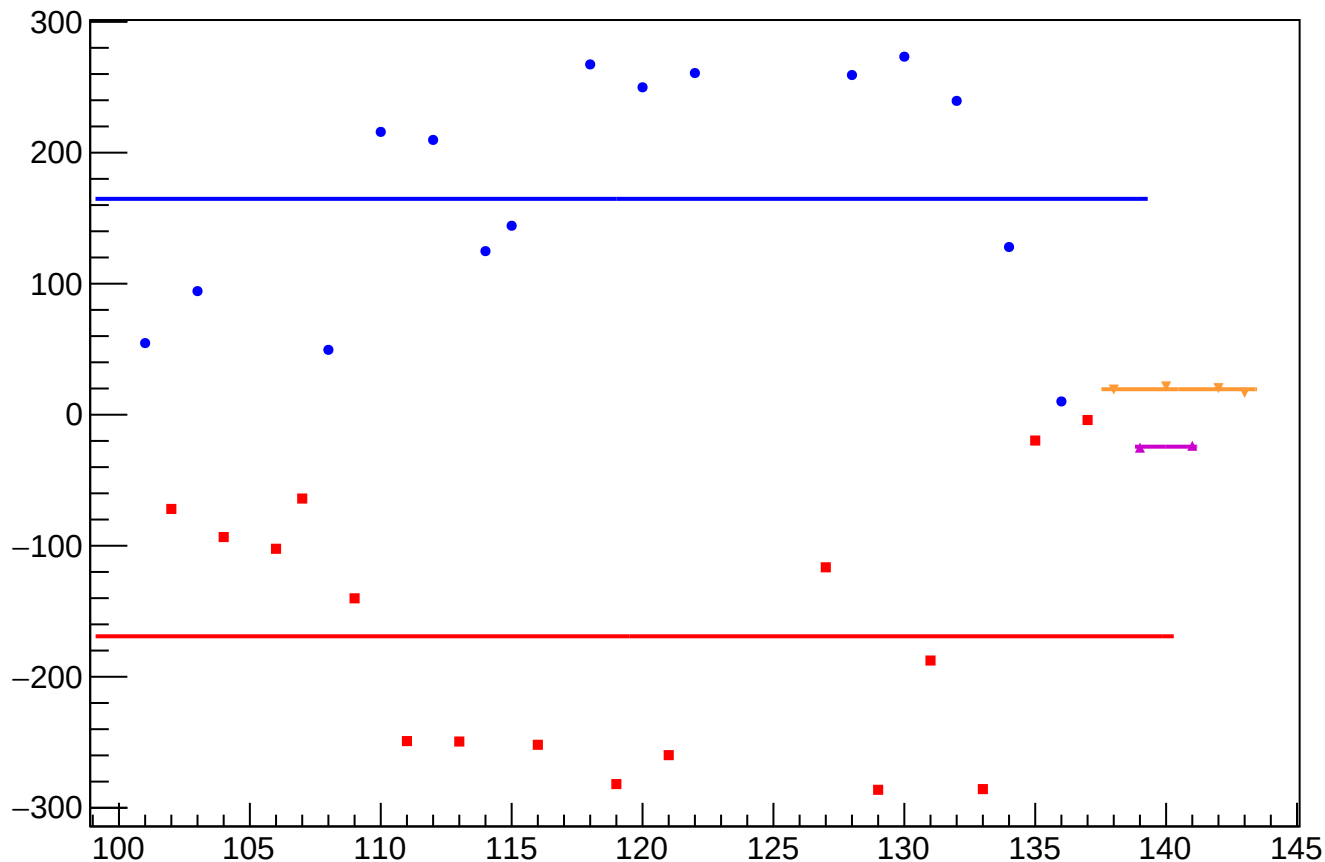
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

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: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_4aX_coil7_mean vs Slug, Sign Corrected



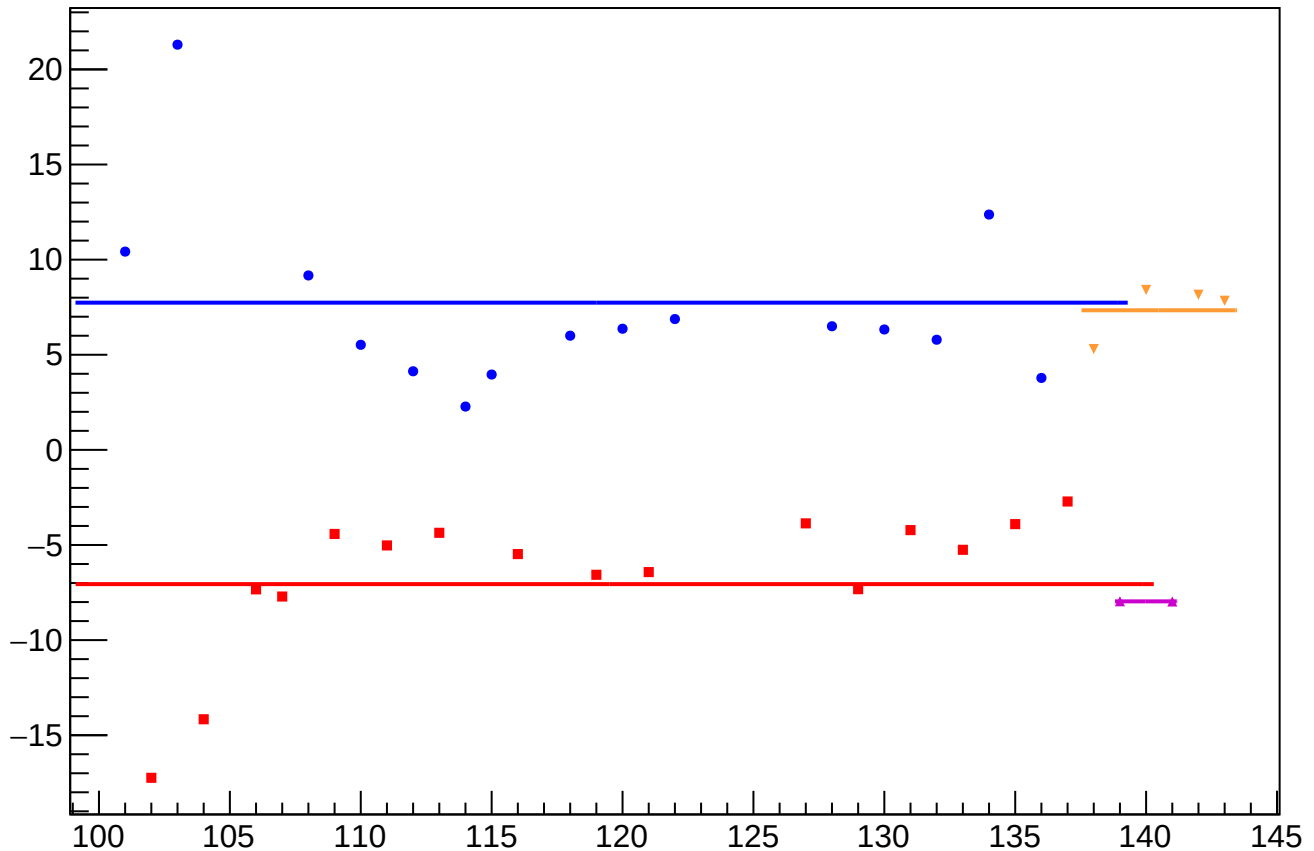
Right In: 164.752 $\pm$ 0.000 χ^2 /NDF: 6369828943181833917425699916554960896.0/14

Left Out: 19.455 $\pm$ 0.000 χ^2 /NDF: 961630299433770965318624788611072.0/3

Right Out: -169.108 $\pm$ 0.000 χ^2 /NDF: 6040721802042936822766910687819071488.0/15

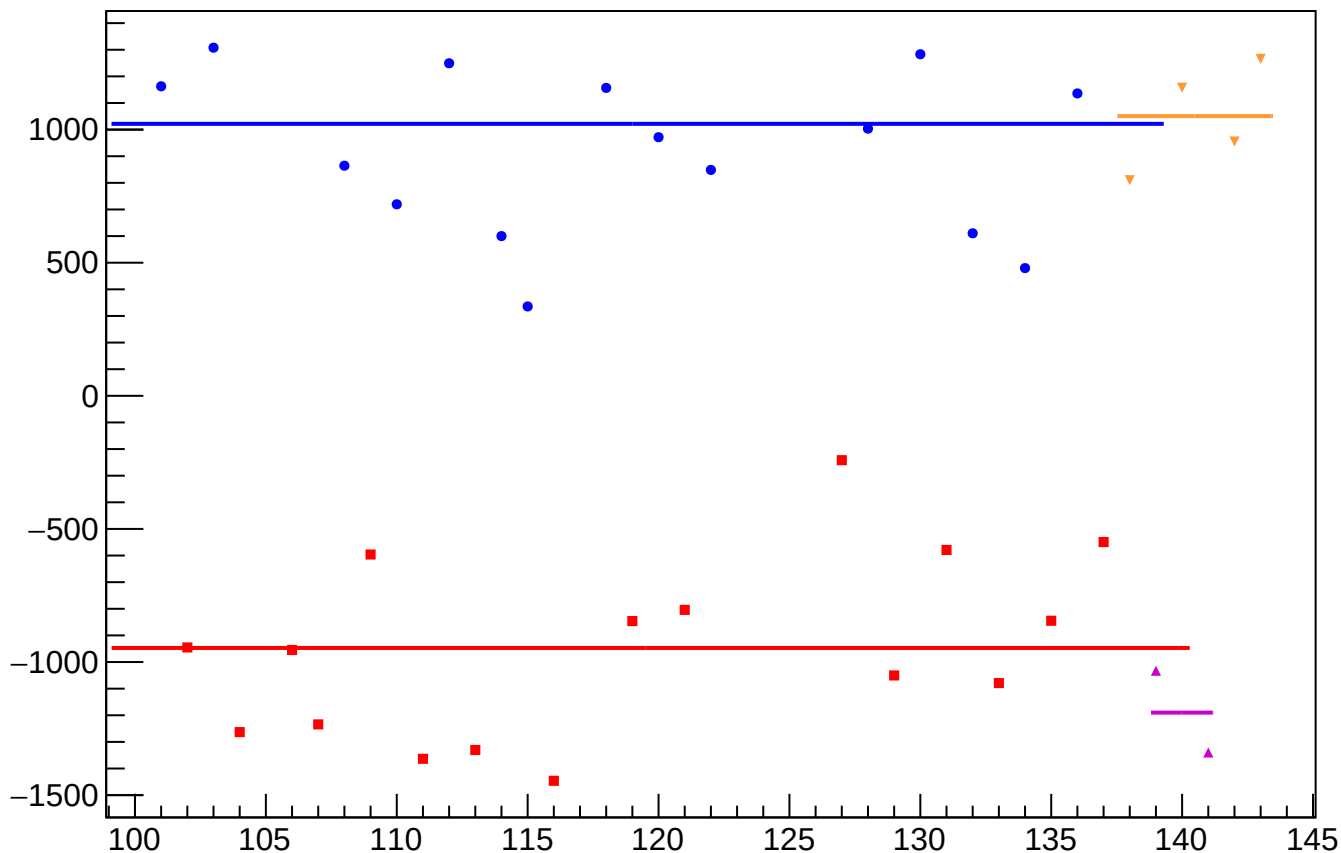
Left In: -24.389 $\pm$ 0.000 χ^2 /NDF: 88940615766060848999778884780032.0/1

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.738 +/- 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14
 Left Out: 7.338 +/- 0.000 χ^2/NDF : 465164601601594768345580716425216.0/3
 Right Out: -7.057 +/- 0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15
 Left In: -7.964 +/- 0.000 χ^2/NDF : 3977605762811539114870964224.0/1

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



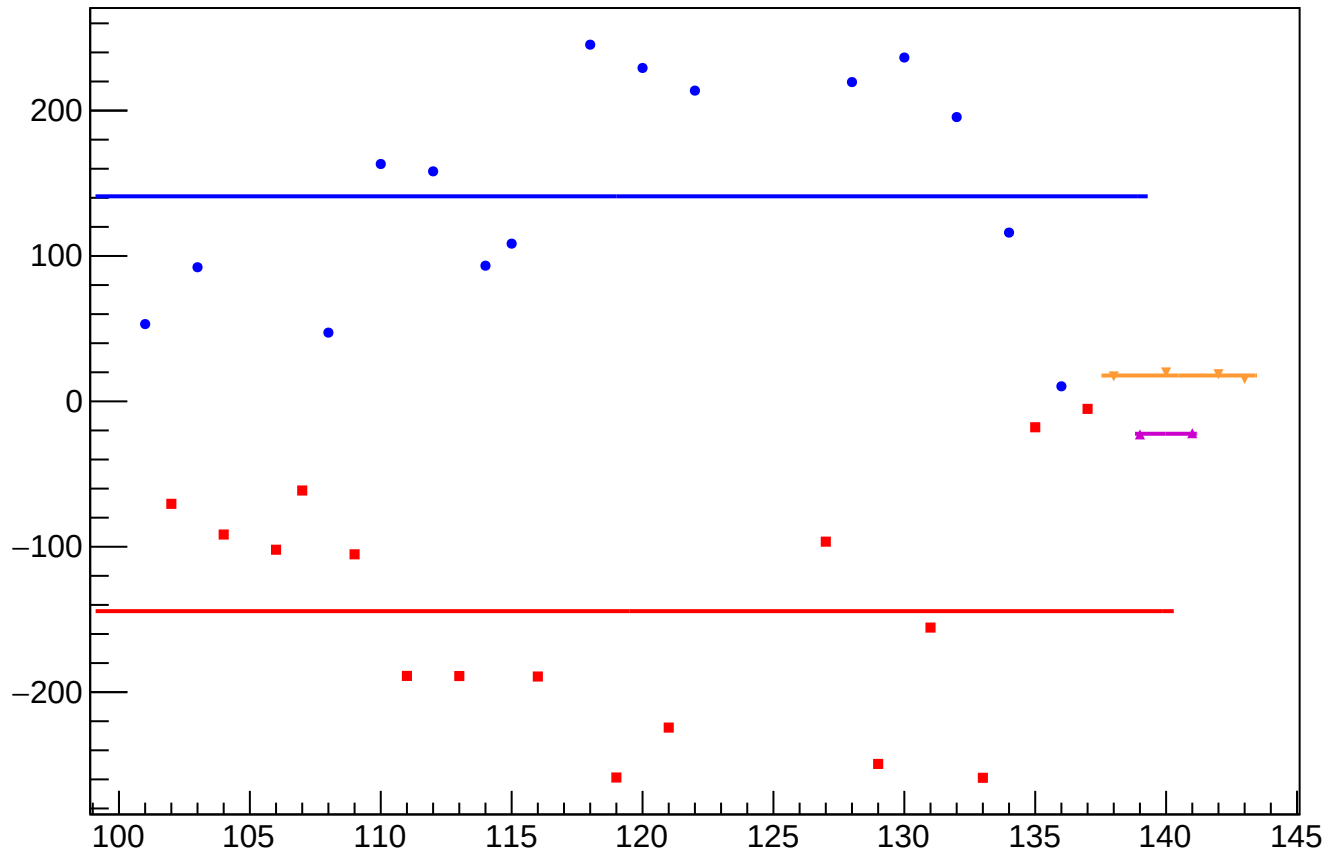
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

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: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_4eX_coil7_mean vs Slug, Sign Corrected



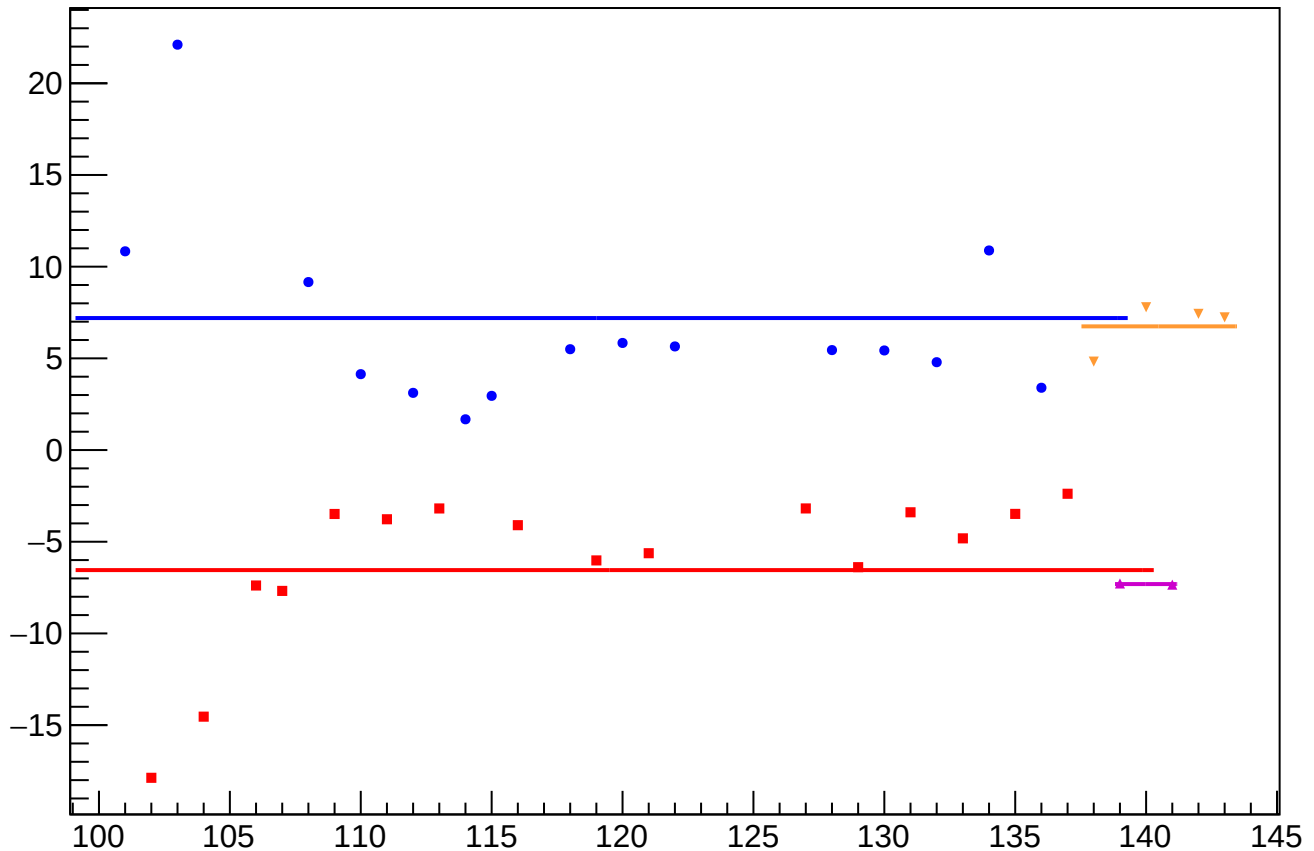
Right In: 141.032 $\pm$ 0.000 χ^2 /NDF: 4507992585512923332587415612245934080.0/14

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

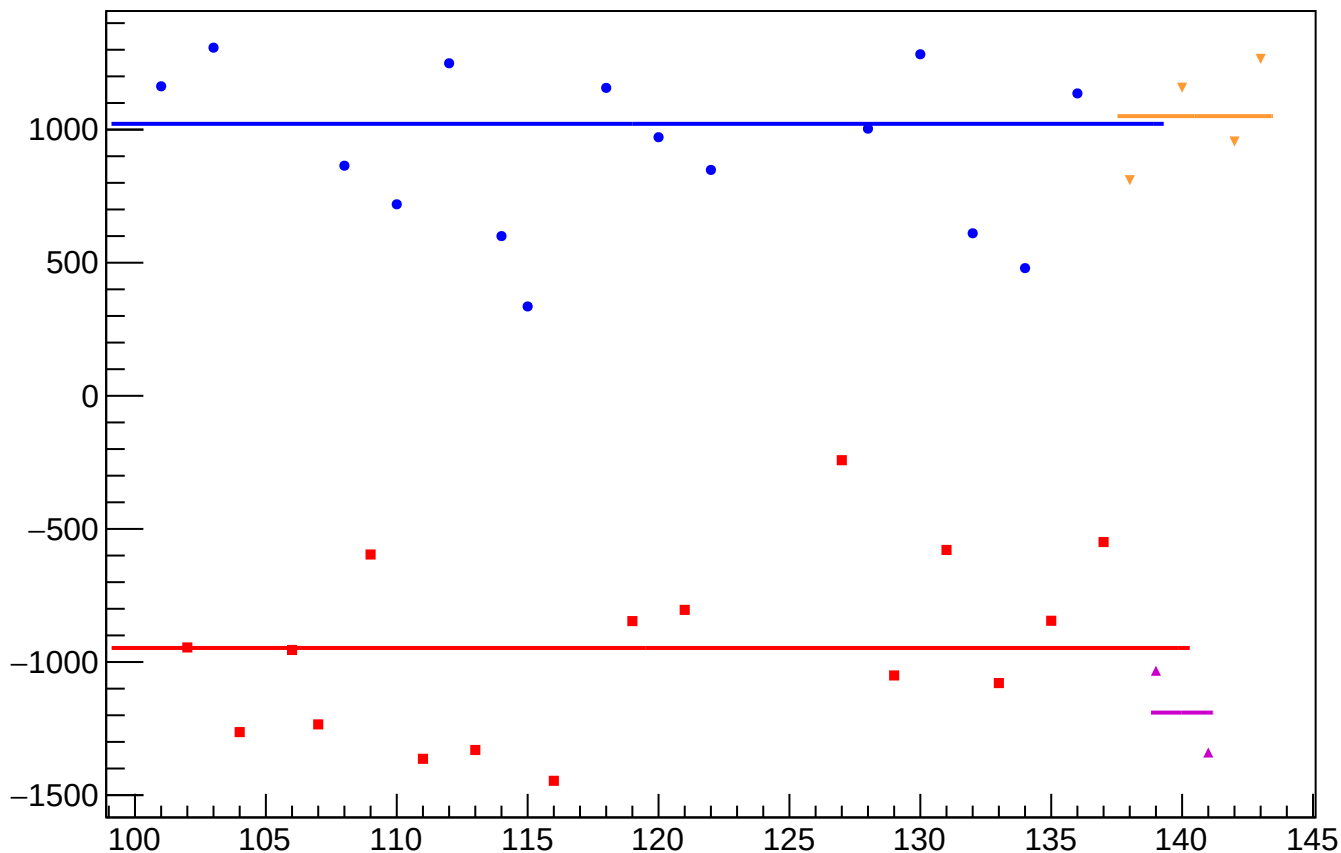
Left In: -22.283 $\pm$ 0.000 χ^2 /NDF: 27847549805258571276458930470912.0/1

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: -7.309 $\pm$ 0.000 χ^2/NDF : 173103912856720480946987466752.0/1

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



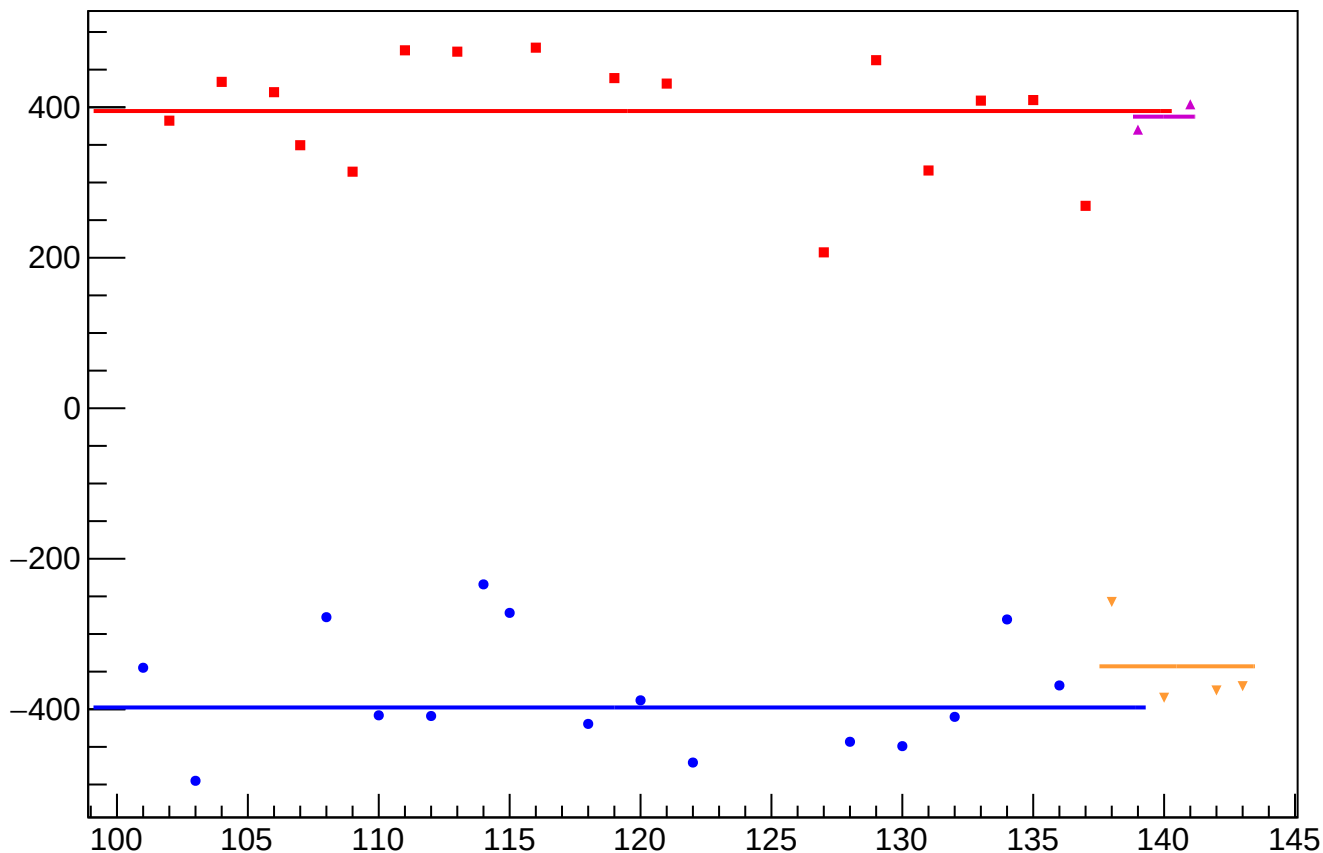
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1050.608 $\pm$ 0.000 χ^2 /NDF: 8967327535737024367631085602630270976.0/3

Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

Left In: -1189.976 $\pm$ 0.000 χ^2 /NDF: 3910871359823590294350462257532502016.0/1

dit_11X12X_coil7_mean vs Slug, Sign Corrected



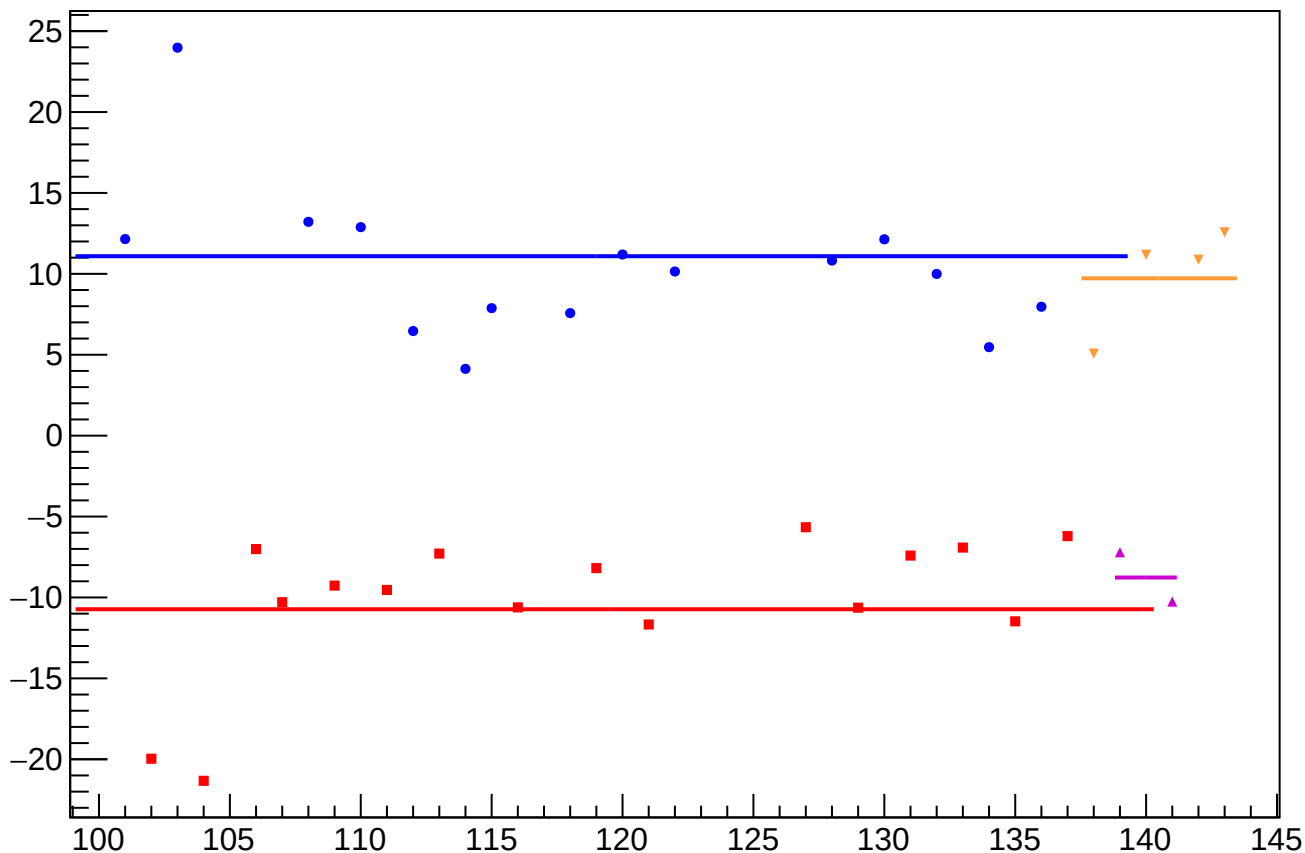
Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

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: 387.511+/-0.000 χ^2/NDF : 47026839814277452630679731352633344.0/1

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



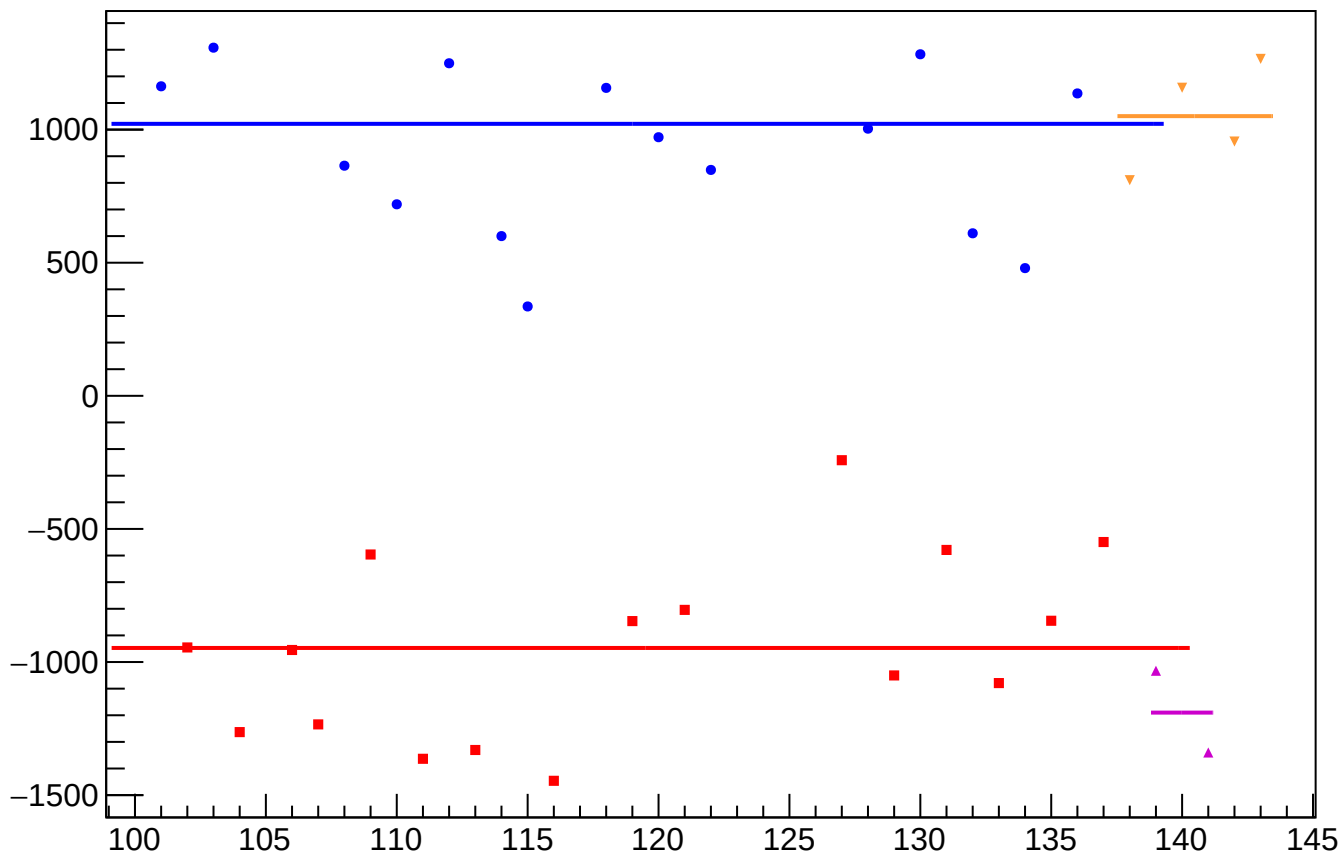
Right In: 11.089 $\pm$ 0.000 χ^2 /NDF: 14235991122014984478163351266918400.0/14

Left Out: 9.722 $\pm$ 0.000 χ^2 /NDF: 2464407336119684972014055192526848.0/3

Right Out: -10.728 $\pm$ 0.000 χ^2 /NDF: 14767238290725260908081124437131264.0/15

Left In: -8.768 $\pm$ 0.000 χ^2 /NDF: 385618169277835585014650118340608.0/1

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



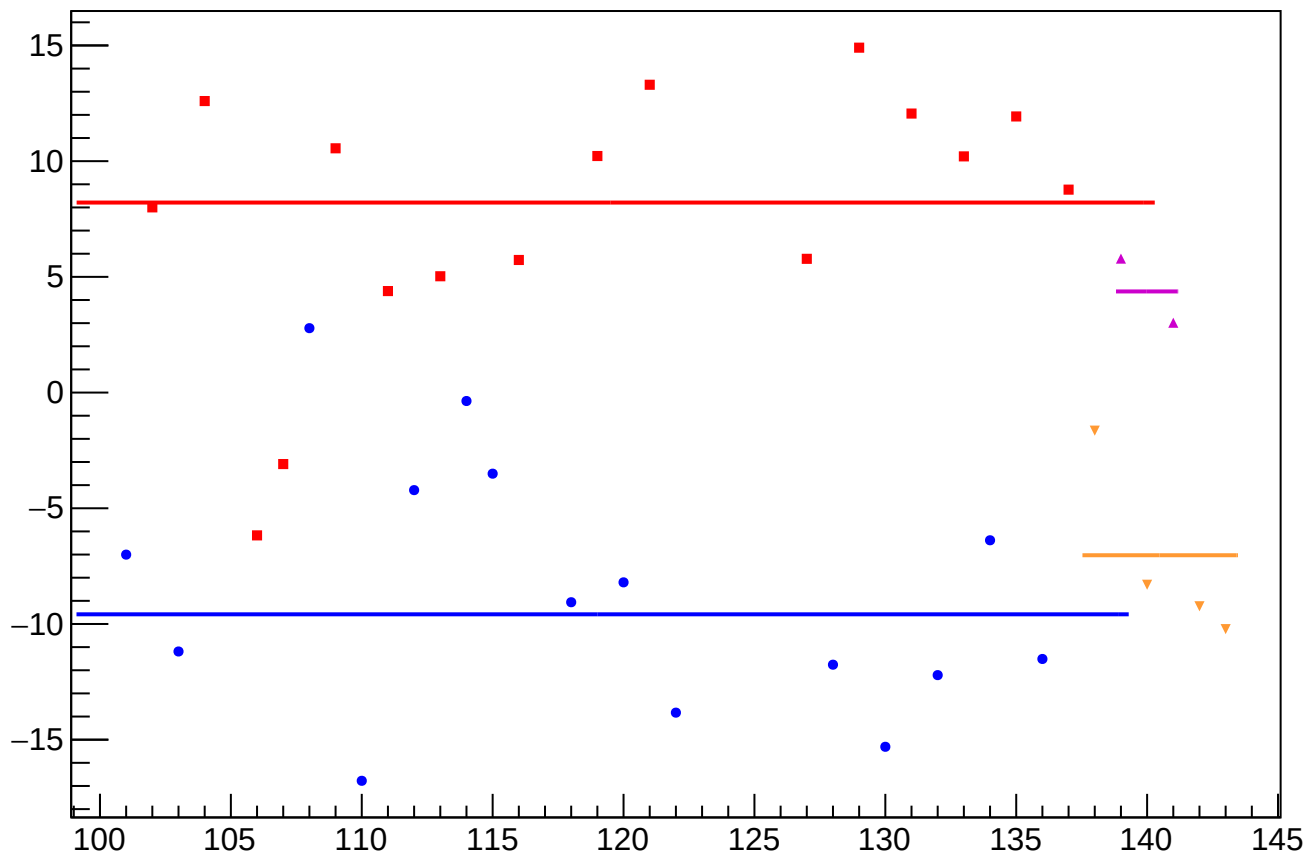
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

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: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_4aY_coil7_mean vs Slug, Sign Corrected



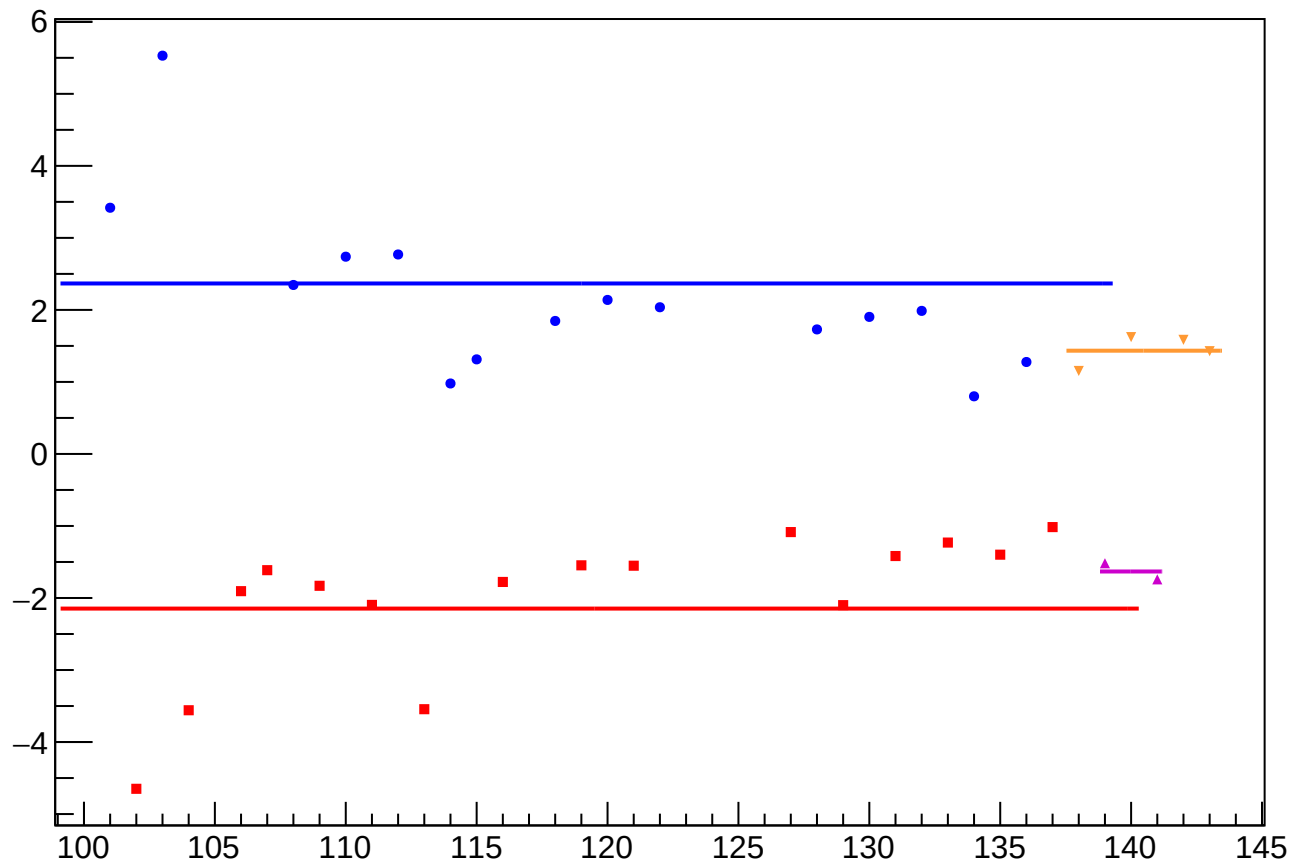
Right In: -9.582+/-0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14

Left Out: -7.030+/-0.000 χ^2/NDF : 3300890255682655116184434618925056.0/3

Right Out: 8.211+/-0.000 χ^2/NDF : 18304237293835961465605754204454912.0/15

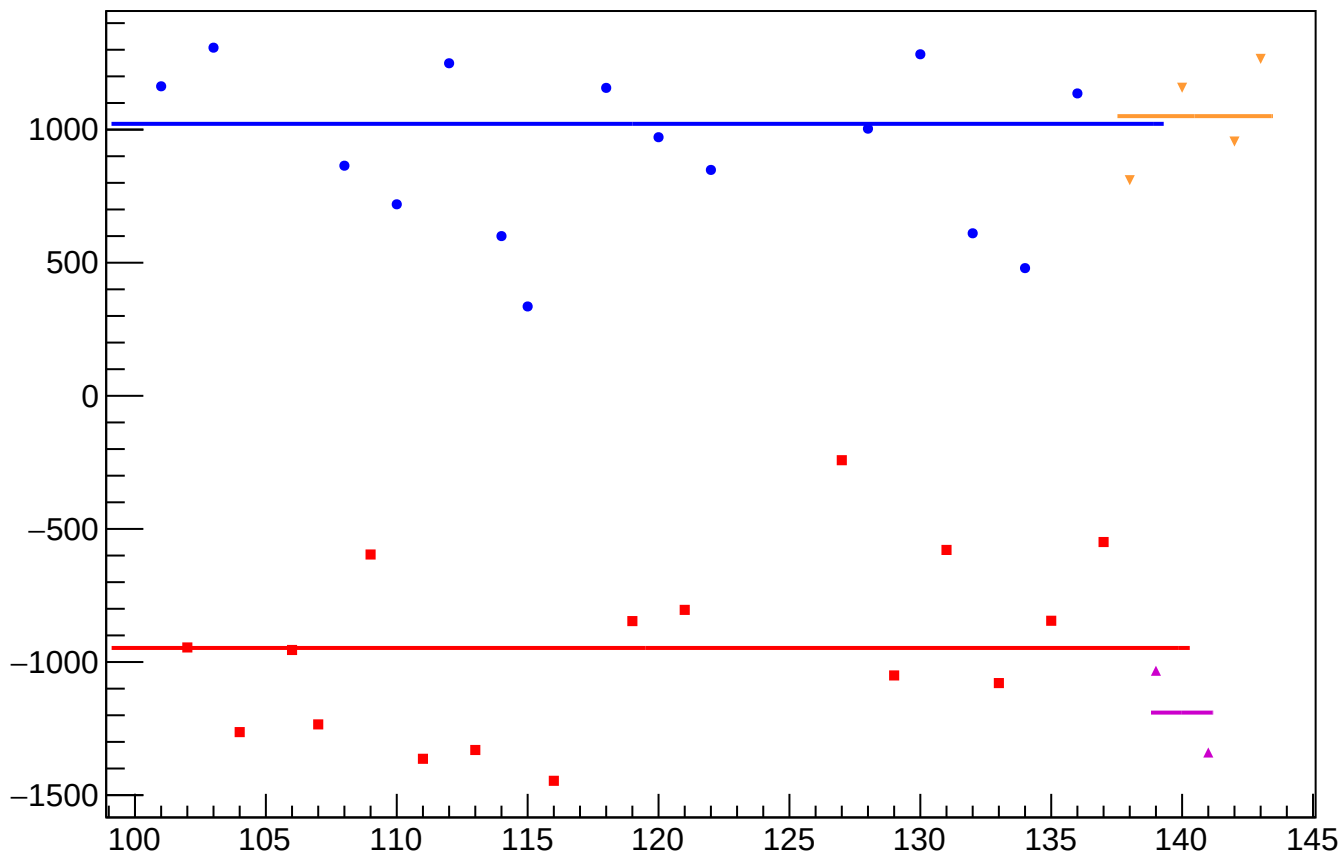
Left In: 4.370+/-0.000 χ^2/NDF : 318431401943094351103106138243072.0/1

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: -1.632+/-0.000 χ^2/NDF : 2075375480189142053160052850688.0/1

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



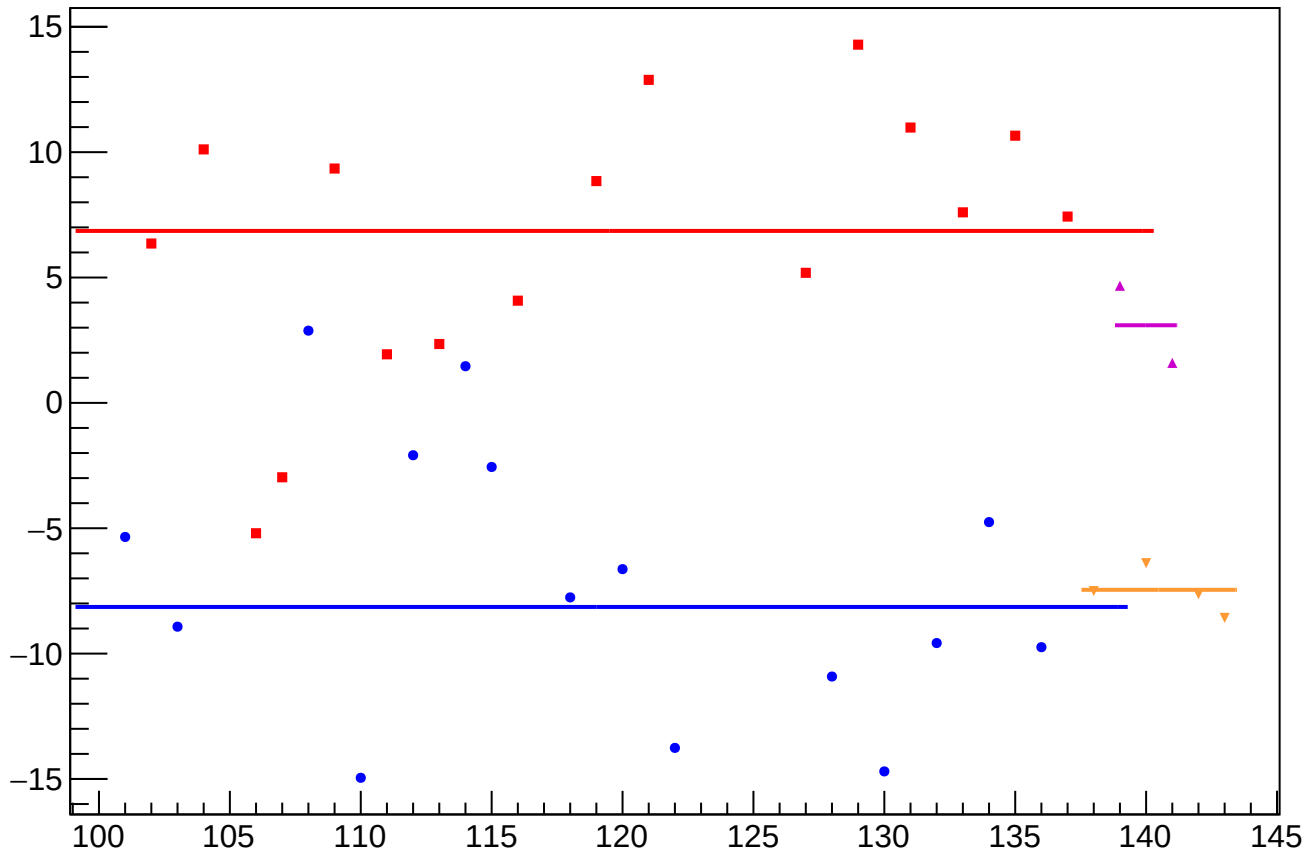
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

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: -1189.976 ± 0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_4eY_coil7_mean vs Slug, Sign Corrected



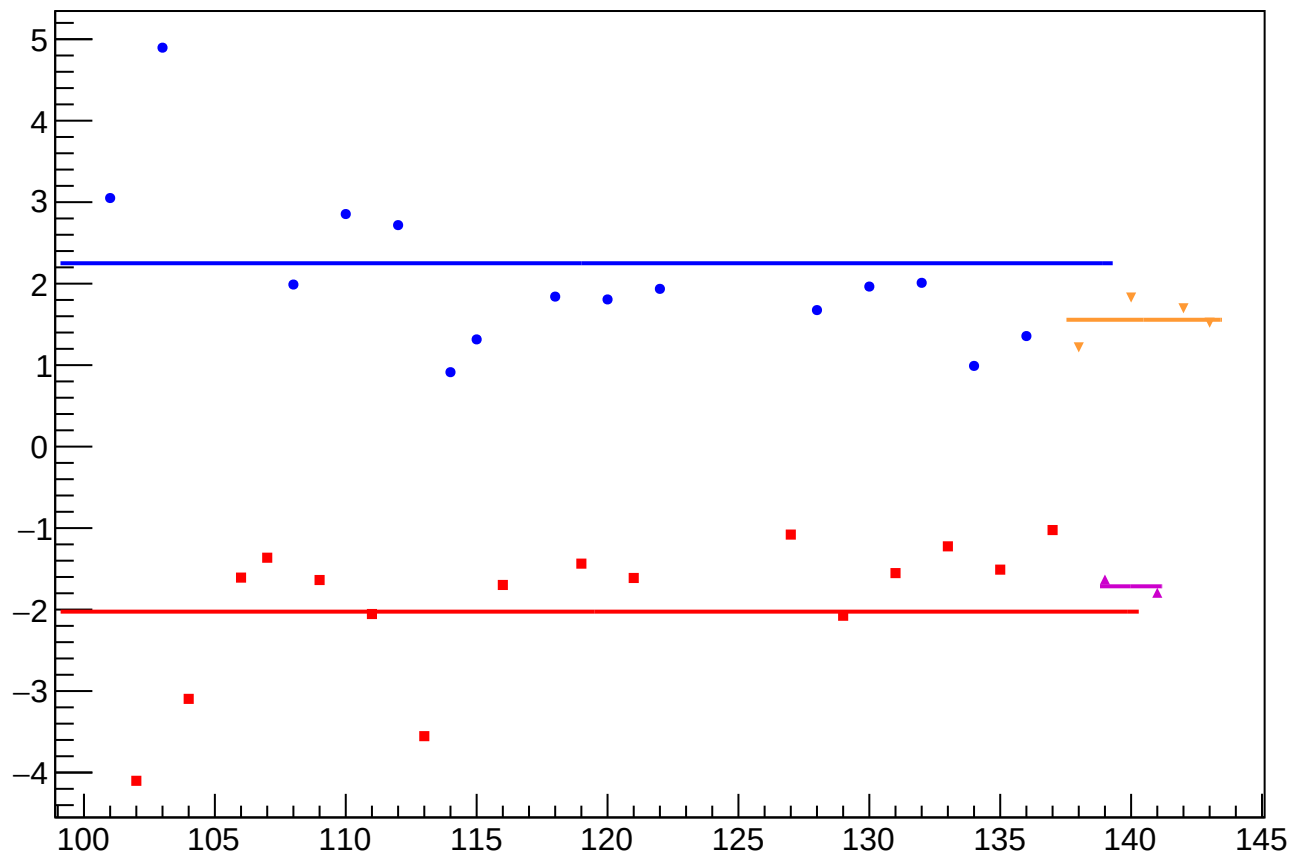
Right In: -8.139 ± 0.000 $\chi^2/\text{NDF}: 14676442649222120372533779893321728.0/14$

Left Out: -7.456 ± 0.000 $\chi^2/\text{NDF}: 178236623379464889525930012180480.0/3$

Right Out: 6.859 ± 0.000 $\chi^2/\text{NDF}: 16483631561591790731352632153079808.0/15$

Left In: 3.096 ± 0.000 $\chi^2/\text{NDF}: 392633381897861805933779792953344.0/1$

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



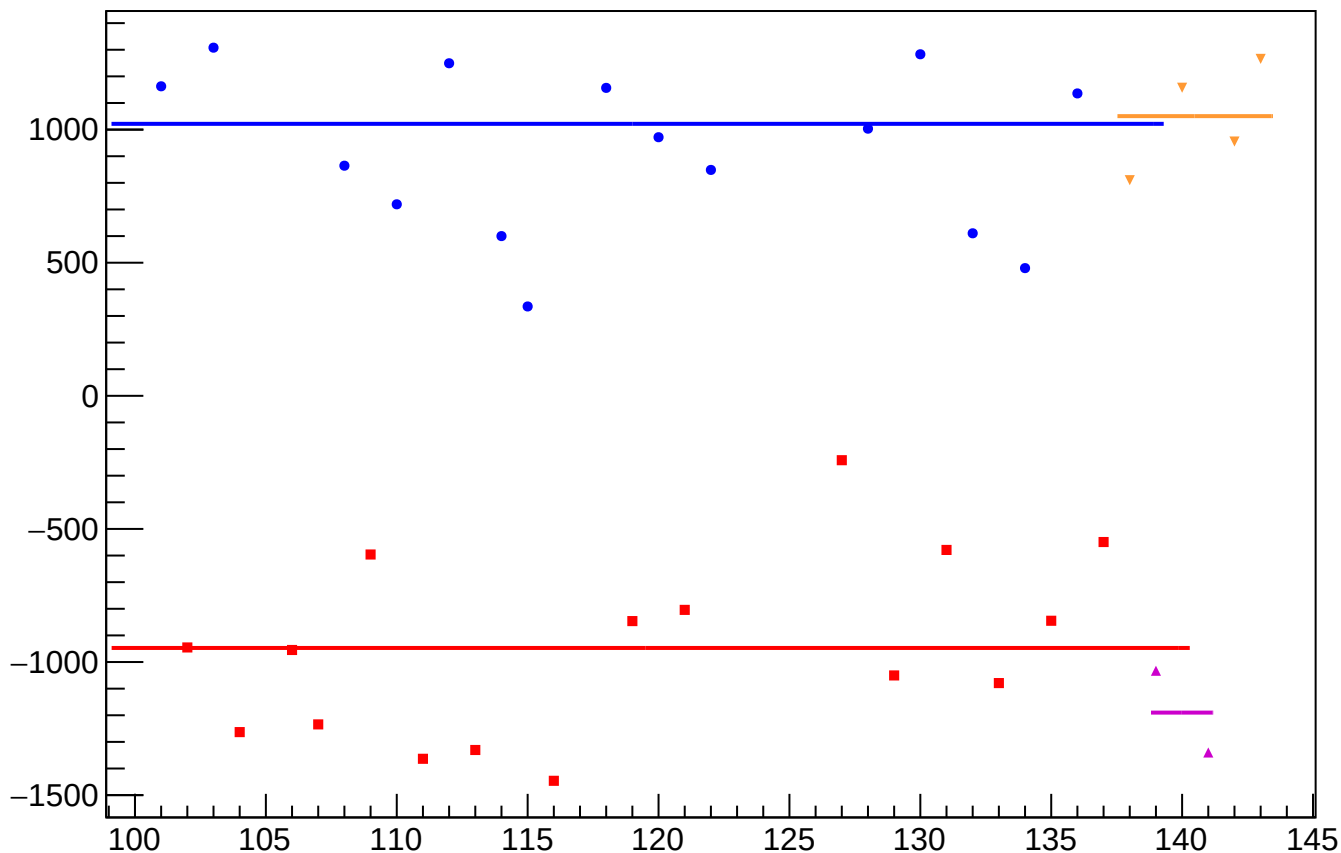
Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14

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: -1.714+/-0.000 χ^2/NDF : 1086968157256767957289911975936.0/1

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



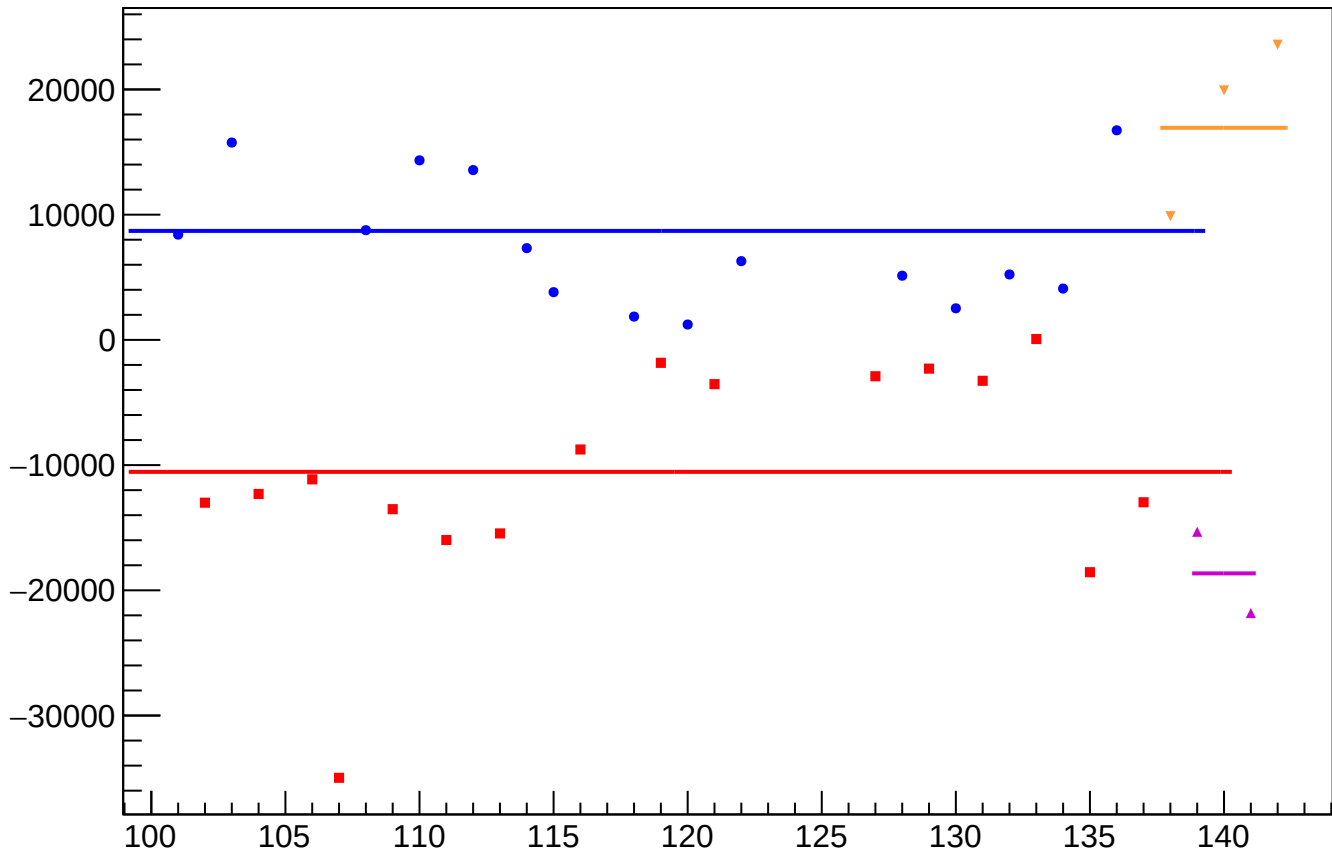
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608 ± 0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

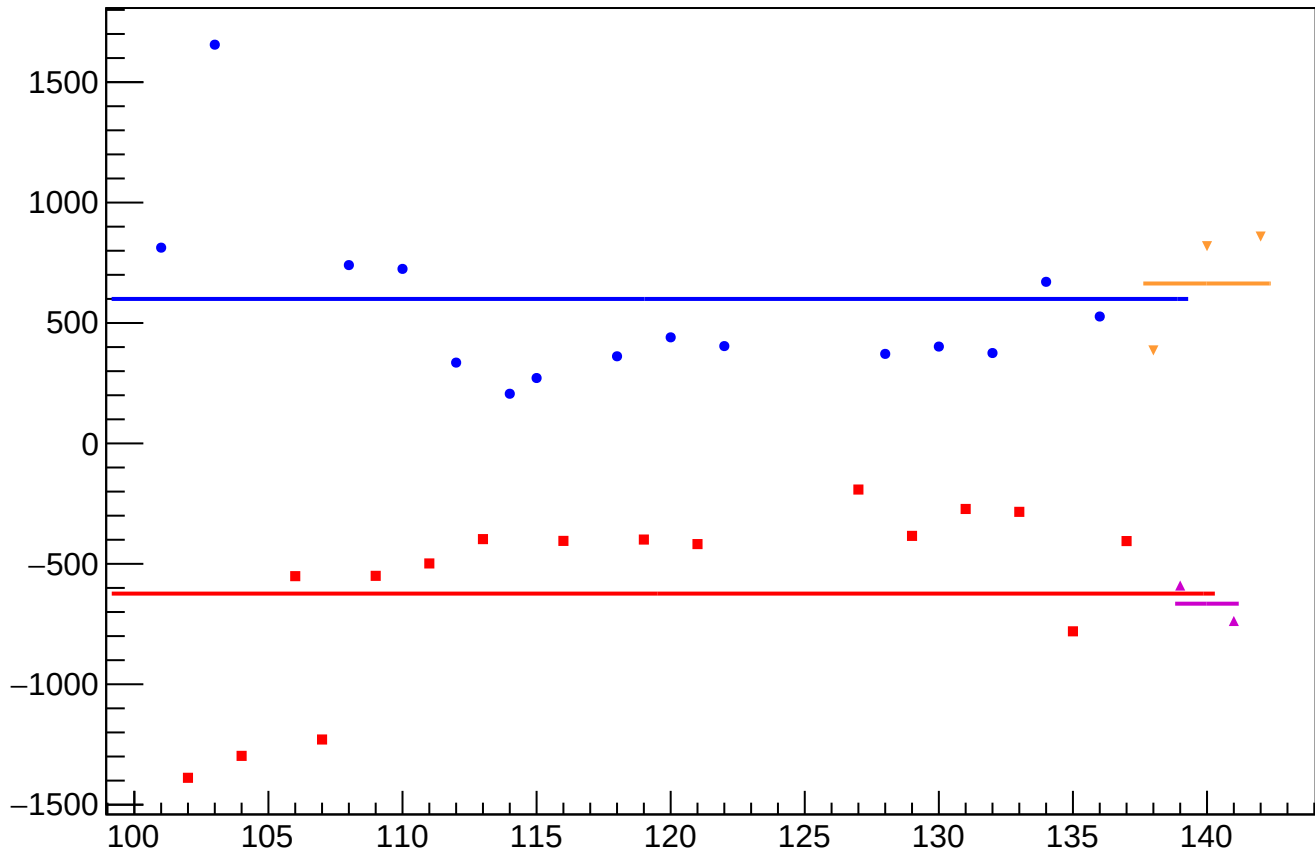
Left In: -1189.976 ± 0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 8703.332 +/- 0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 16936.177 +/- 0.000 χ^2/NDF : 6646710921788244129422426256816969089024.0/2
 Right Out: -10539.327 +/- 0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: -18647.281 +/- 0.000 χ^2/NDF : 1747286001193469686188213060397099384832.0/1

dit_usl_coil7_err_mean vs Slug, Sign Corrected



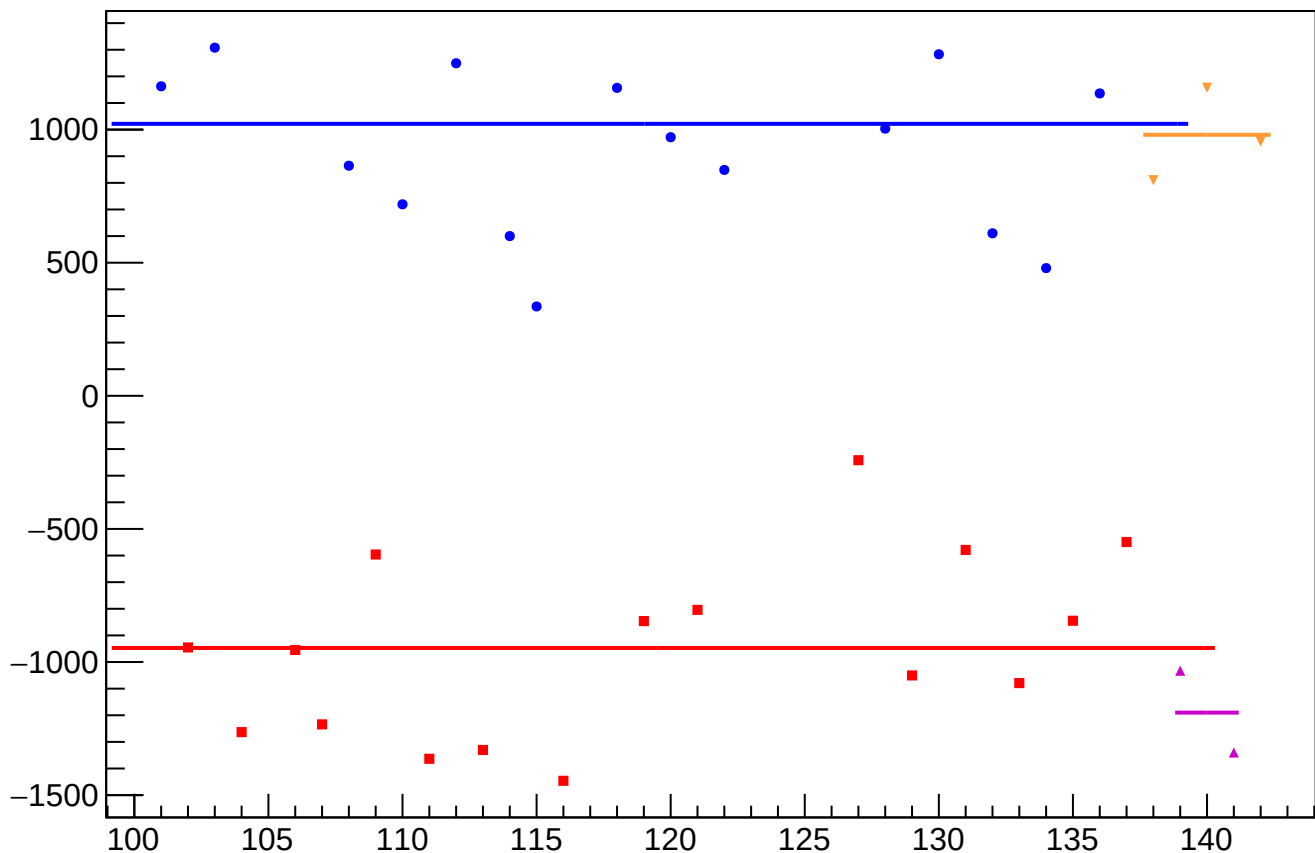
Right In: 599.849 +/- 0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

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: -665.425 +/- 0.000 χ^2/NDF : 898152910120667697499981214788878336.0/1

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



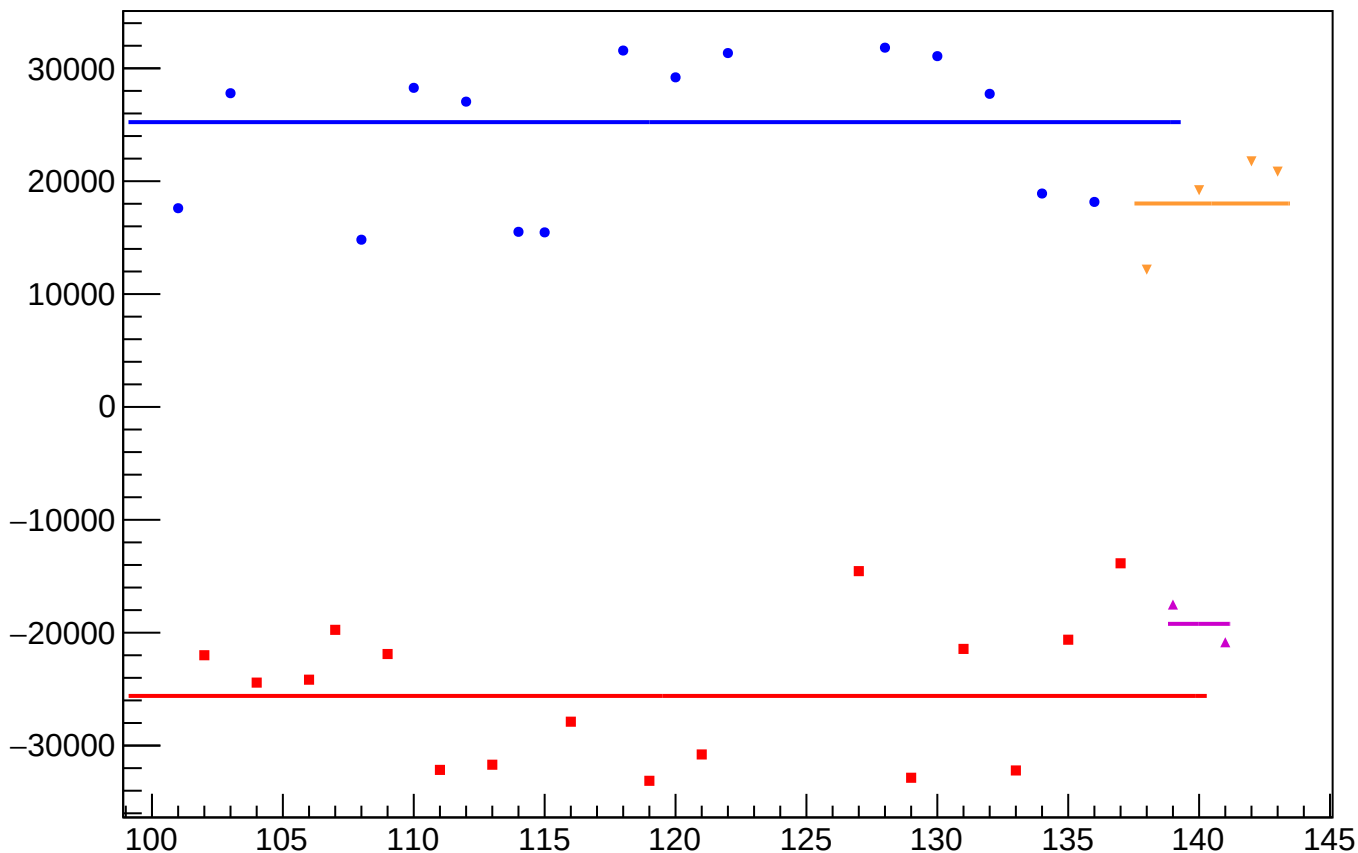
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

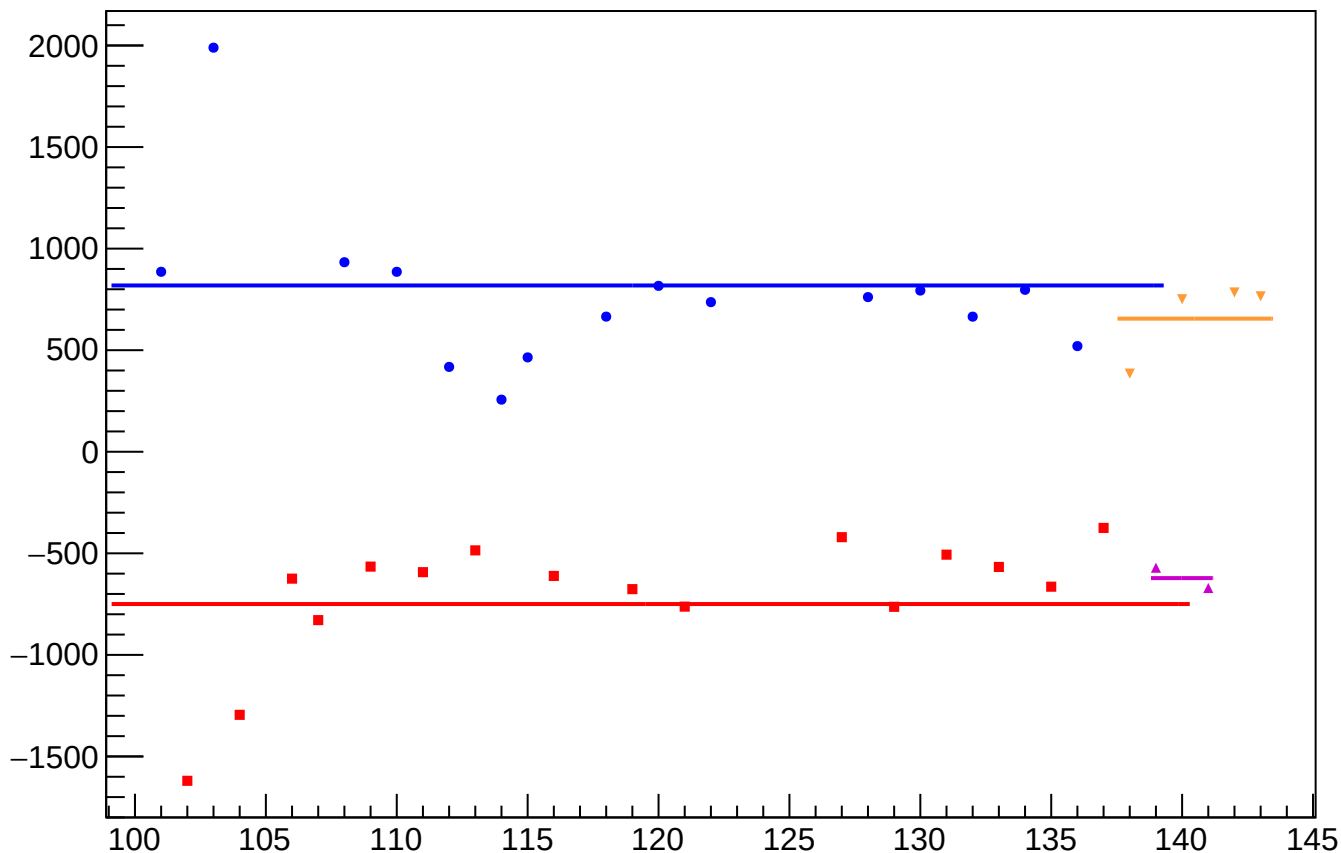
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

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: -19216.600 +/- 0.000 χ^2/NDF : 463213065865079451613861594199918379008.0/1

dit_usr_coil7_err_mean vs Slug, Sign Corrected



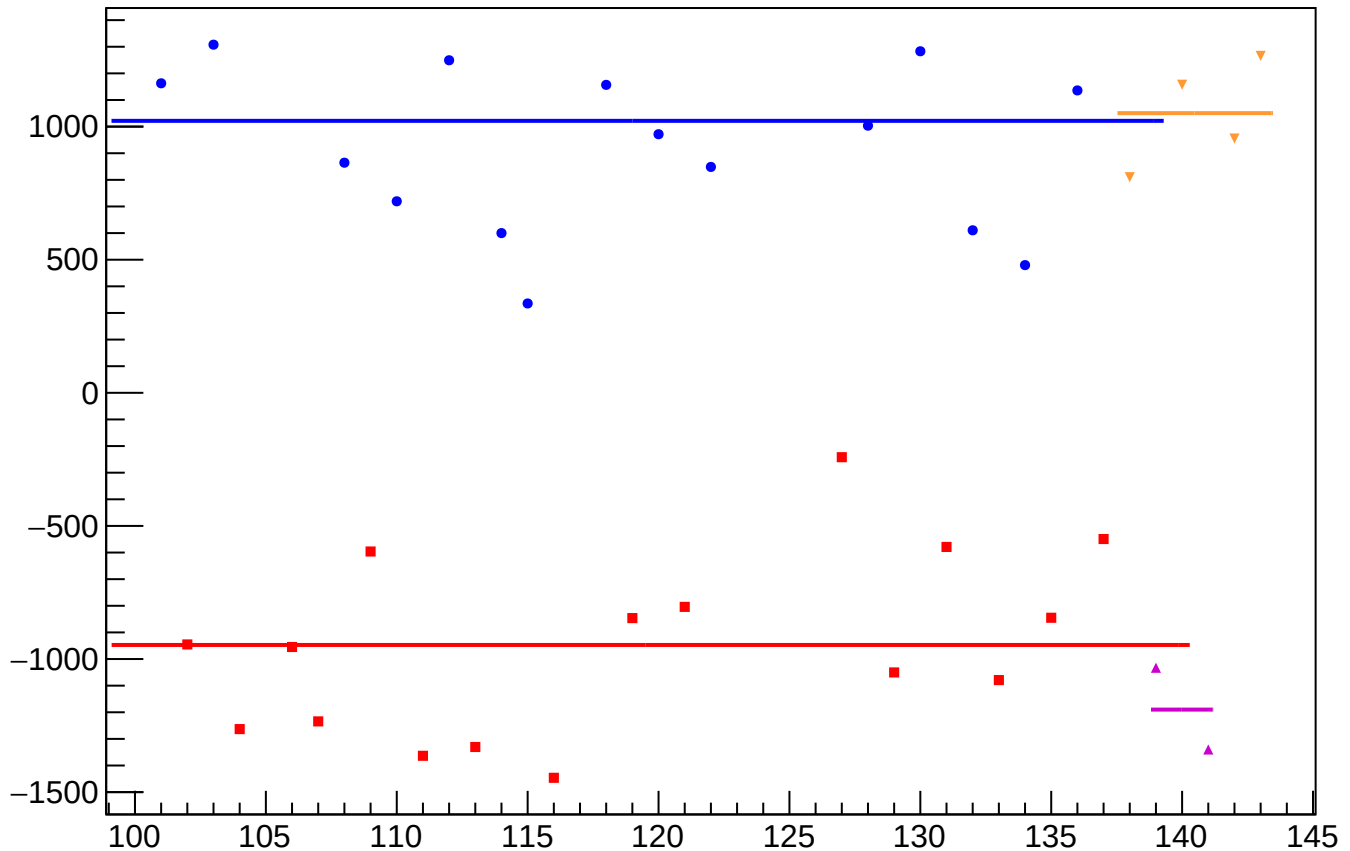
Right In: 818.668+/-0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

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: -621.990+/-0.000 χ^2/NDF : 41349958694220991122771405885669376.0/1

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



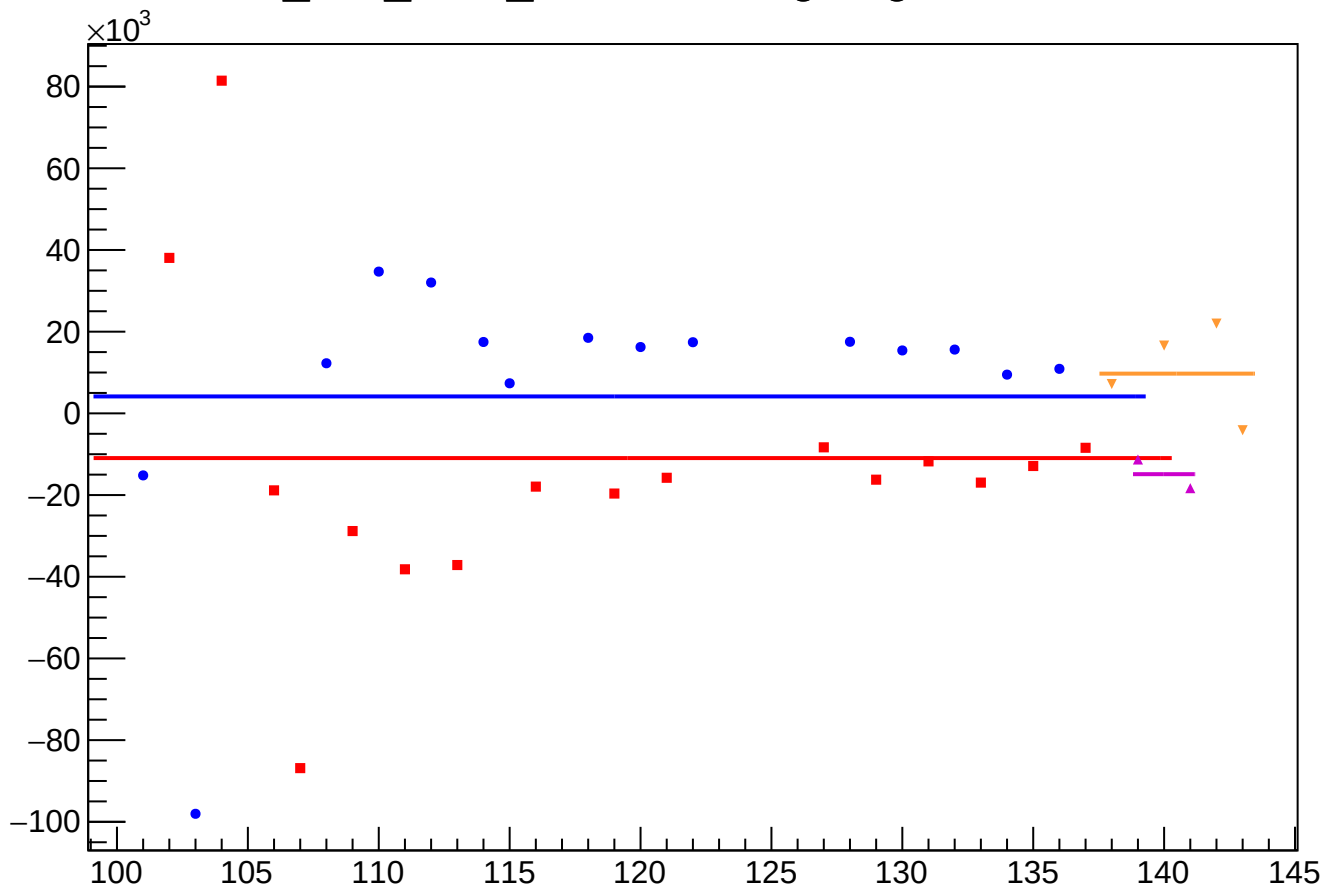
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1050.608 $\pm$ 0.000 χ^2 /NDF: 8967327535737024367631085602630270976.0/3

Right Out: -947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

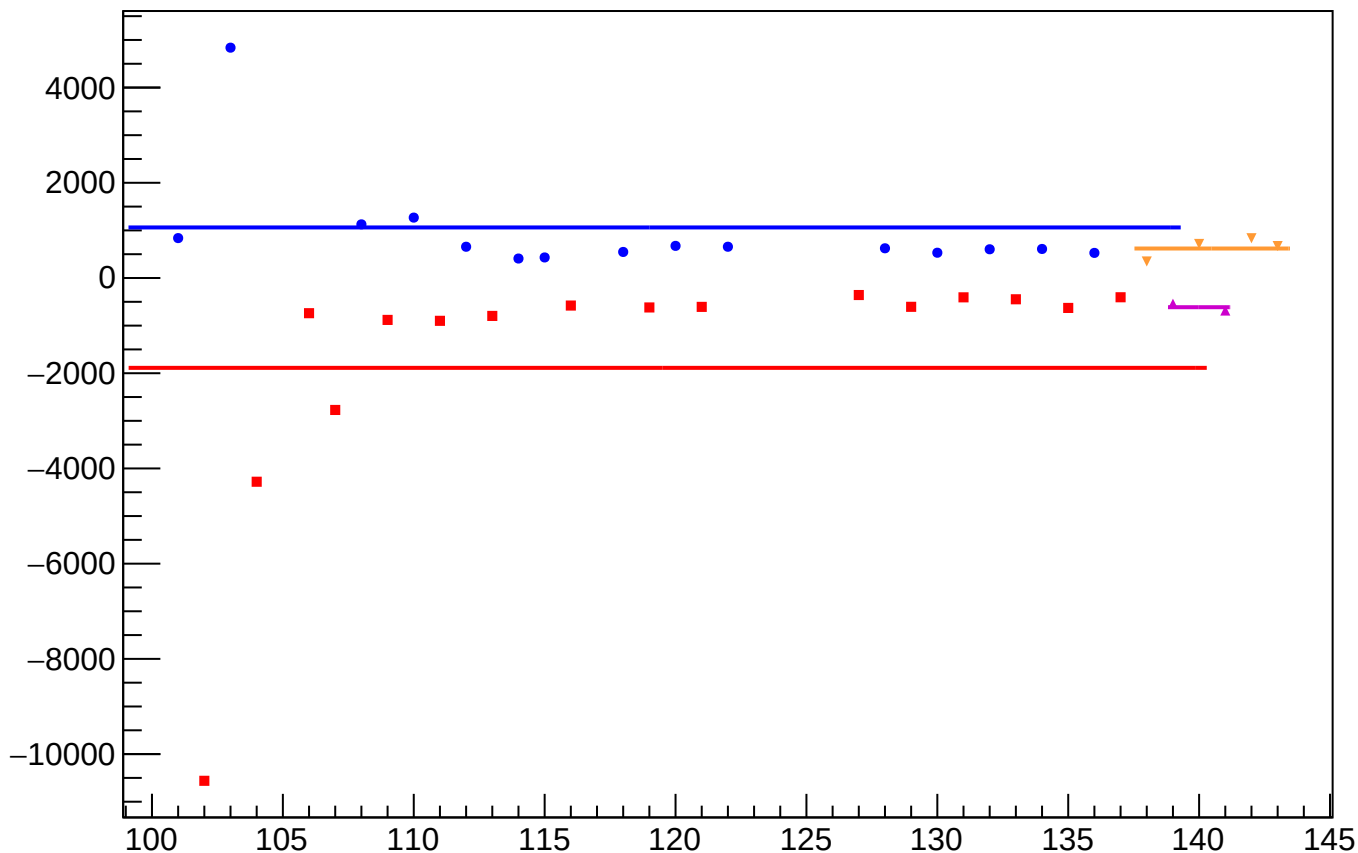
Left In: -1189.976 $\pm$ 0.000 χ^2 /NDF: 3910871359823590294350462257532502016.0/1

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 4145.268 ± 0.000 $\chi^2/\text{NDF}: 763693998395064689637972381933507648159744.0/14$
 Left Out: 9726.604 ± 0.000 $\chi^2/\text{NDF}: 24142283690554368293785379579932109176832.0/3$
 Right Out: -10948.073 ± 0.000 $\chi^2/\text{NDF}: 873949668510327201514601463115396191092736.0/15$
 Left In: -14885.532 ± 0.000 $\chi^2/\text{NDF}: 2044491293921523554069642538928452927488.0/1$

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



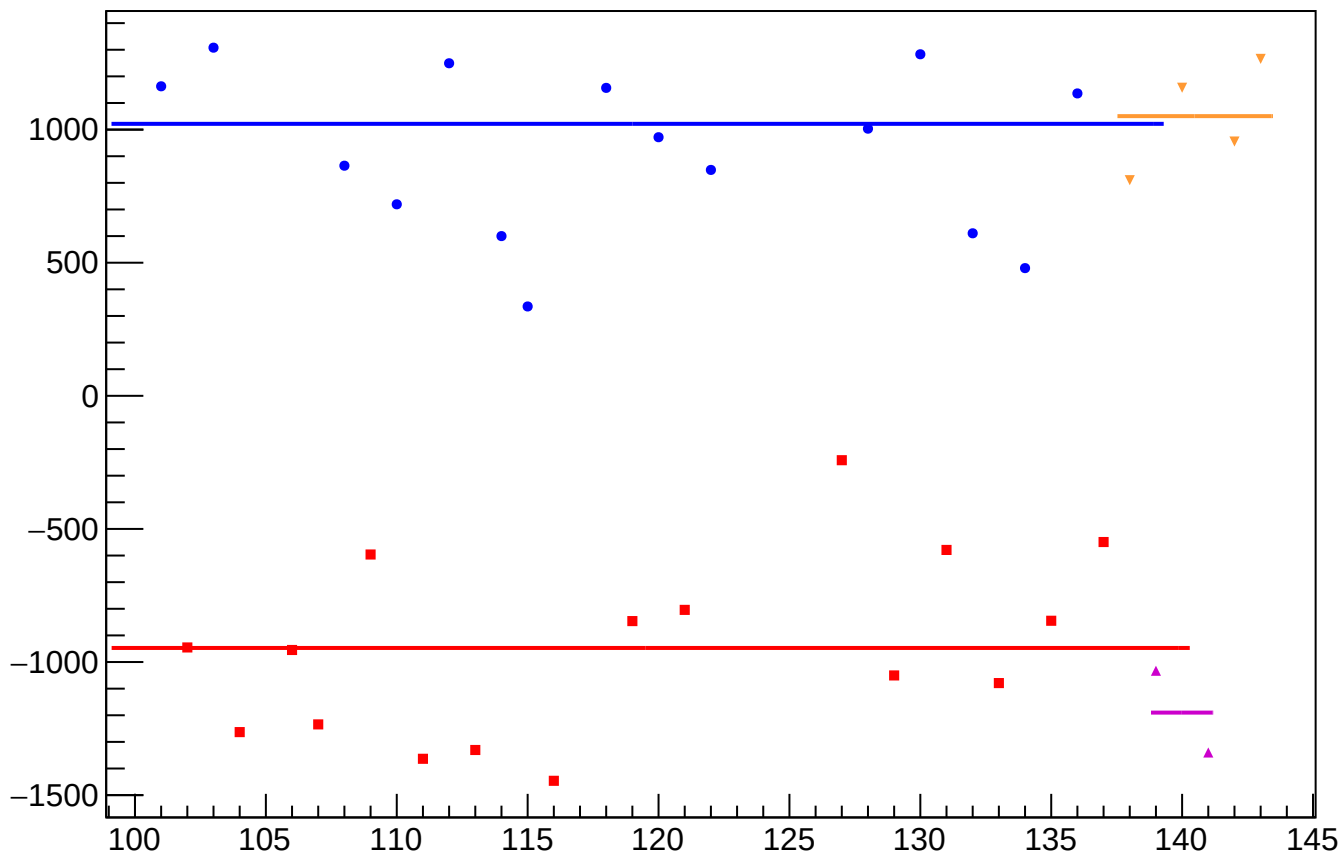
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 619.489+/-0.000 χ^2/NDF : 8857266522236069667520106331279196160.0/3

Right Out: -1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15

Left In: -613.260+/-0.000 χ^2/NDF : 850136083774580265107336392475672576.0/1

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



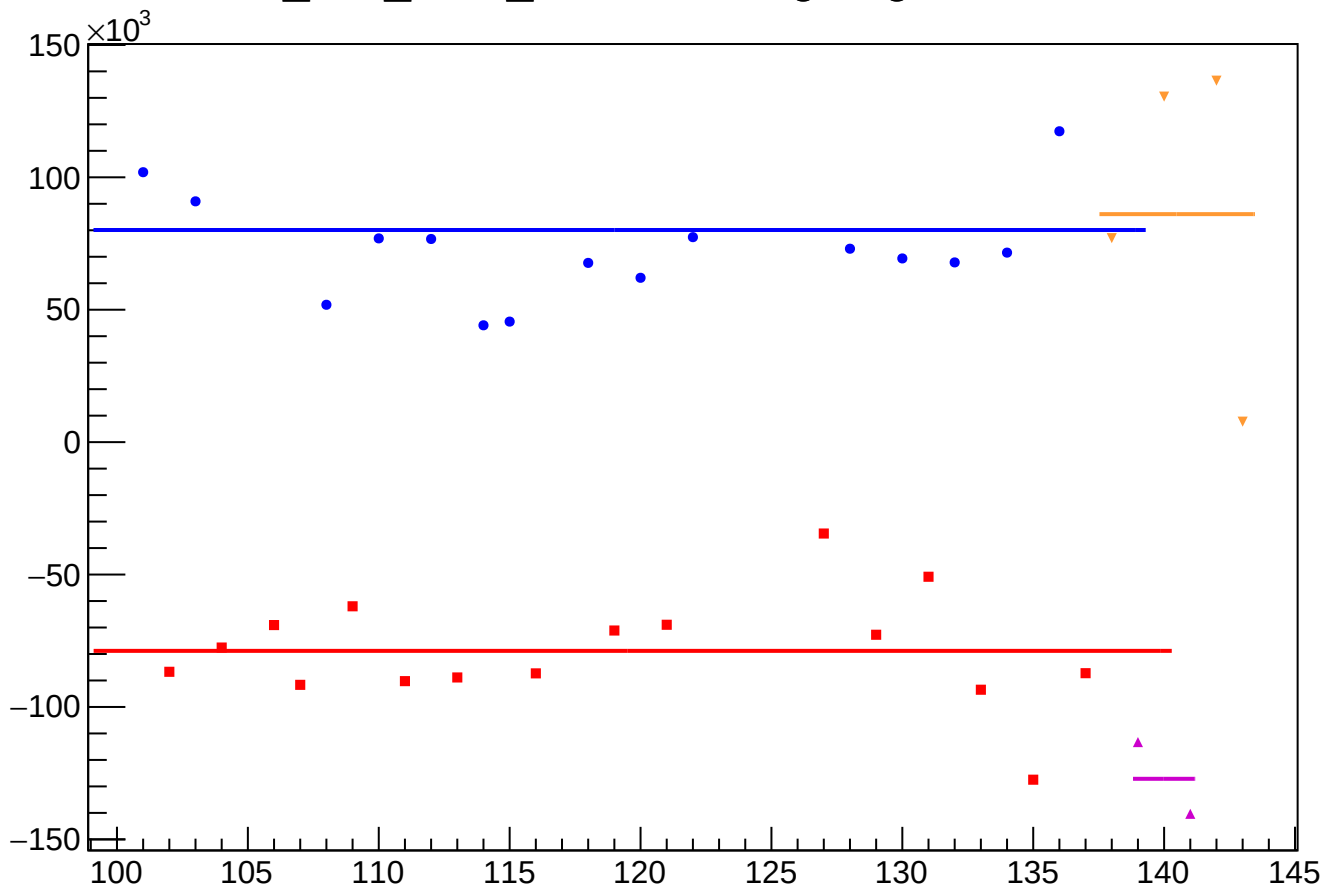
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

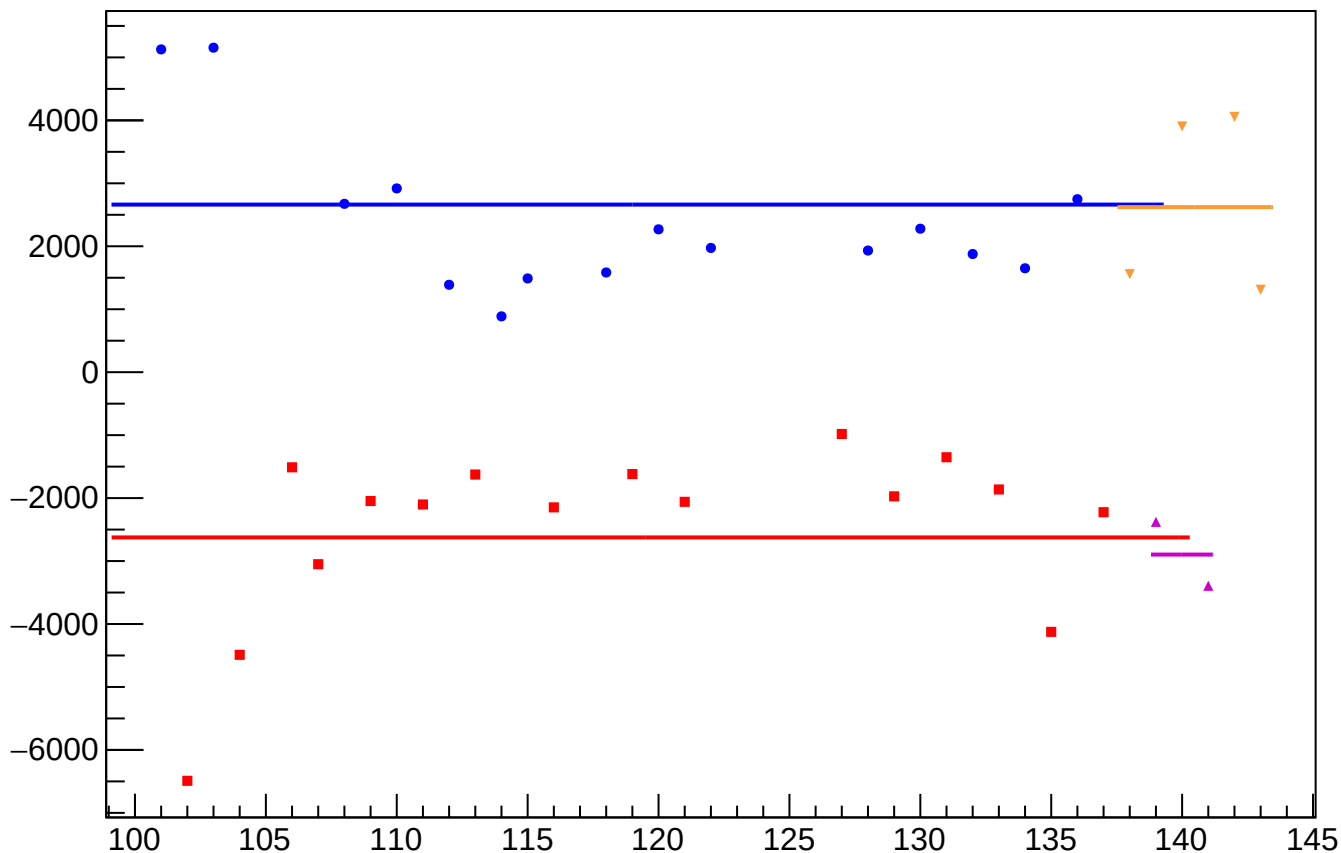
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_atl2_coil7_mean vs Slug, Sign Corrected



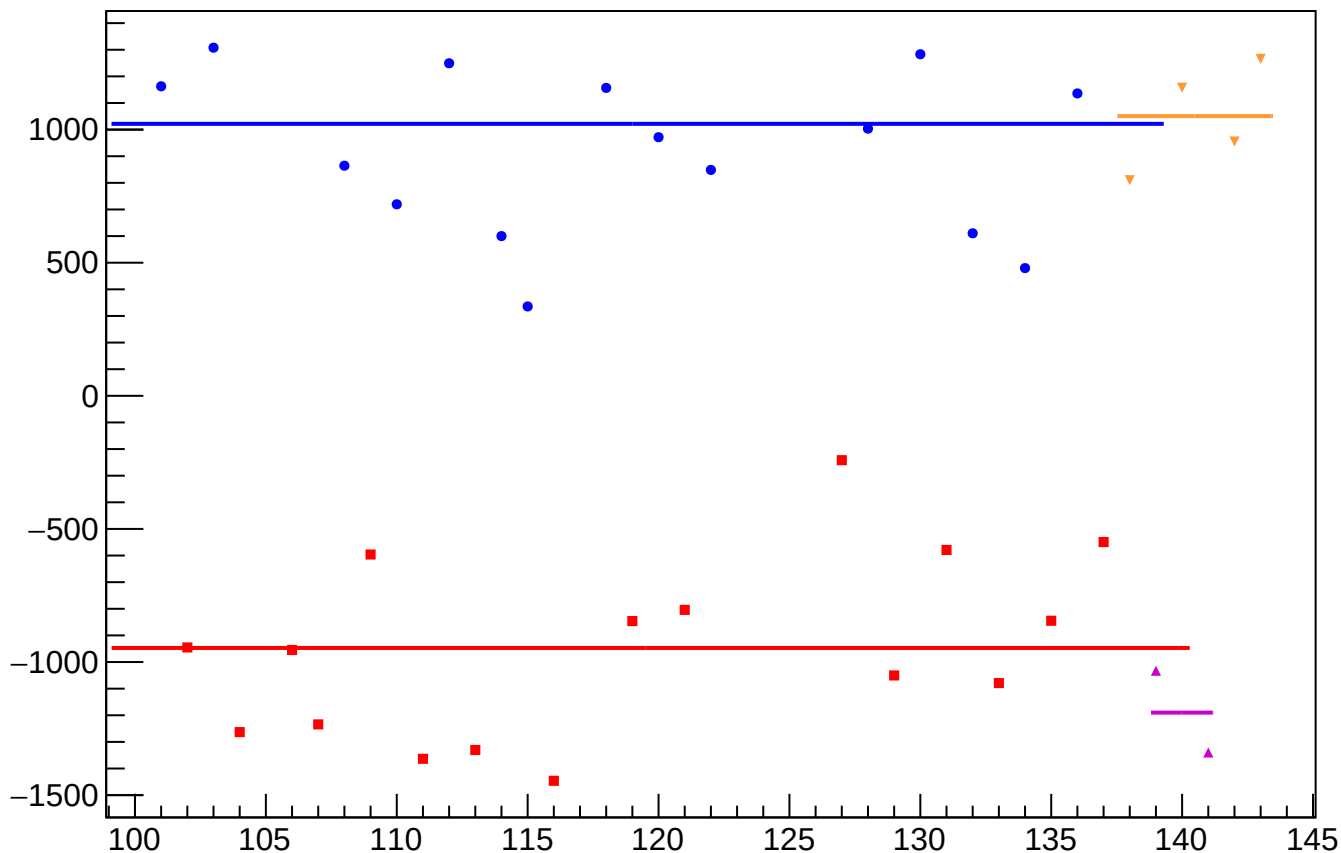
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 86093.406 $\pm$ 0.000 χ^2 /NDF: 696130322289822559884388419608648876032000.0/3
 Right Out: -78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: -127126.895 $\pm$ 0.000 χ^2 /NDF: 30415796381438348857009893039165864411136.0/1

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: -2897.065+/-0.000 χ^2/NDF : 42785541100060796561946357622378594304.0/1

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



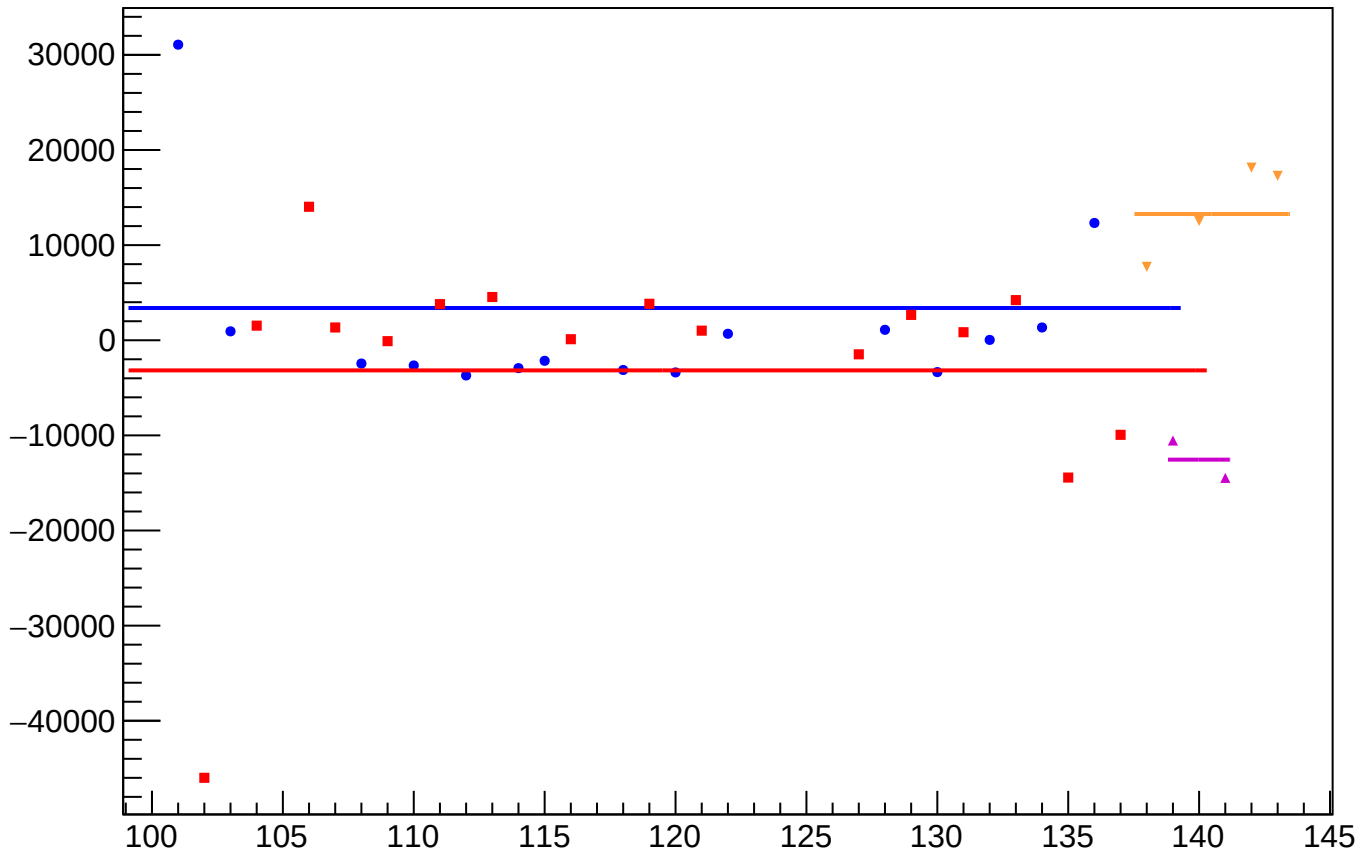
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

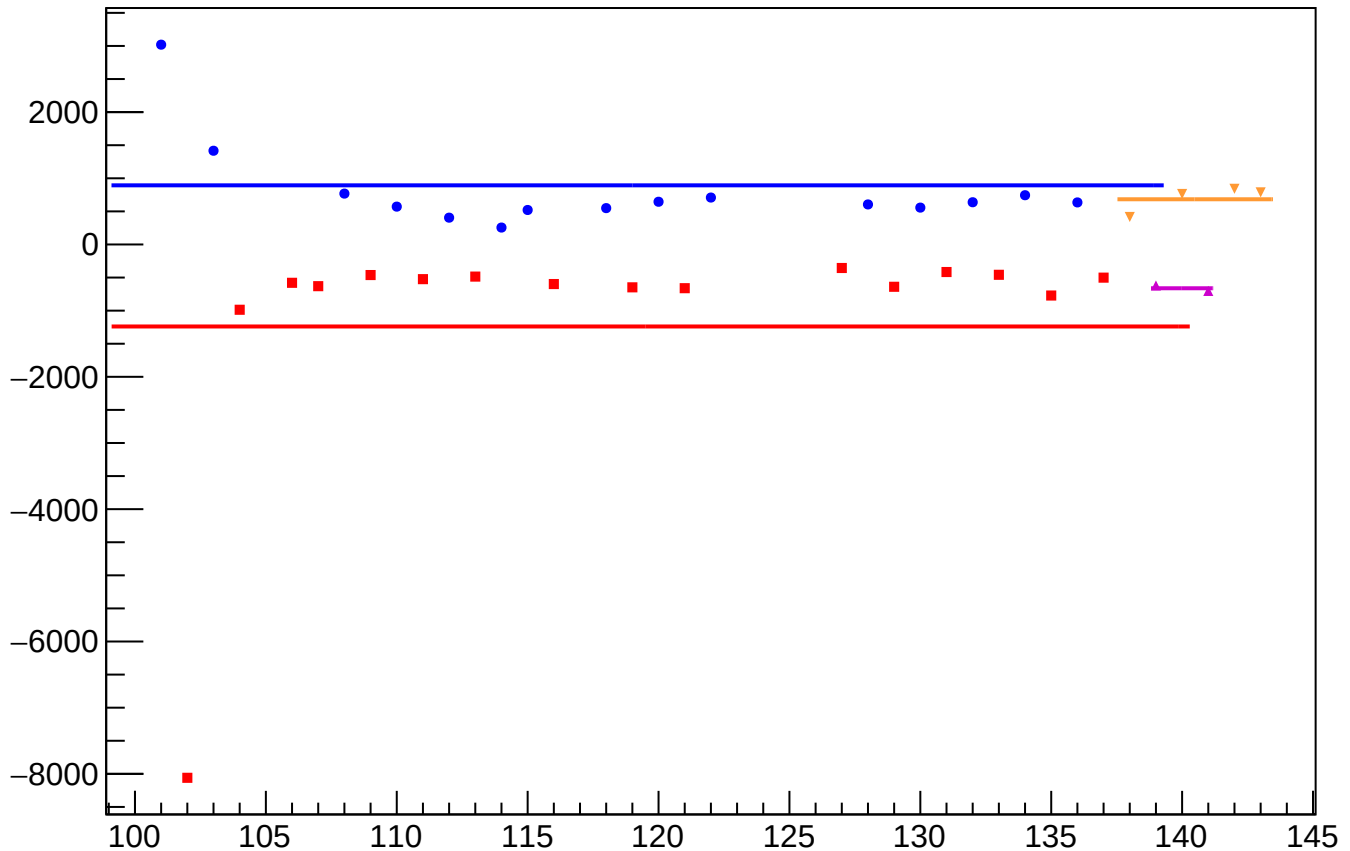
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

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: -12550.865+/-0.000 χ^2/NDF : 639650417633022921729074344160145702912.0/1

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



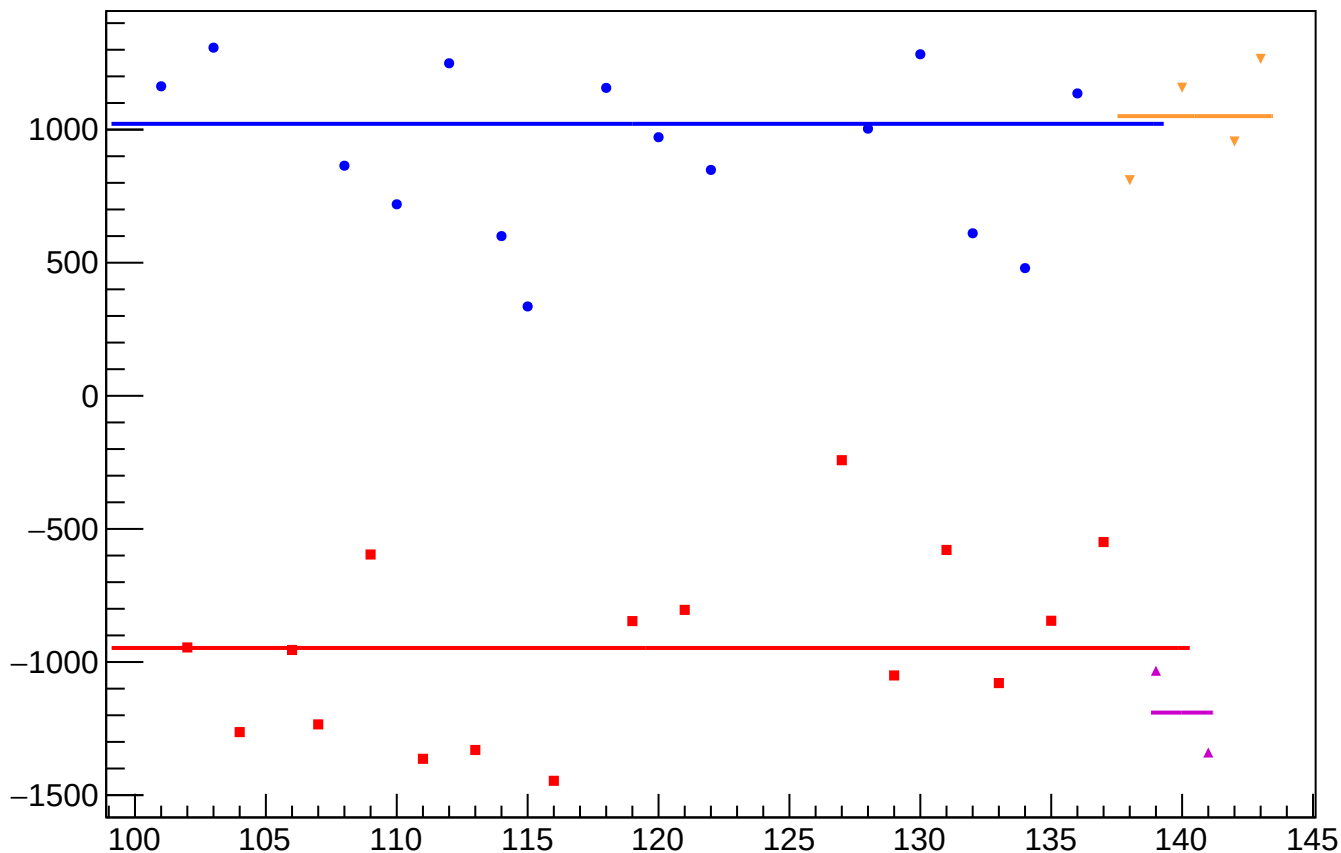
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

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: -661.818+/-0.000 χ^2/NDF : 279978073784022970720437800898920448.0/1

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



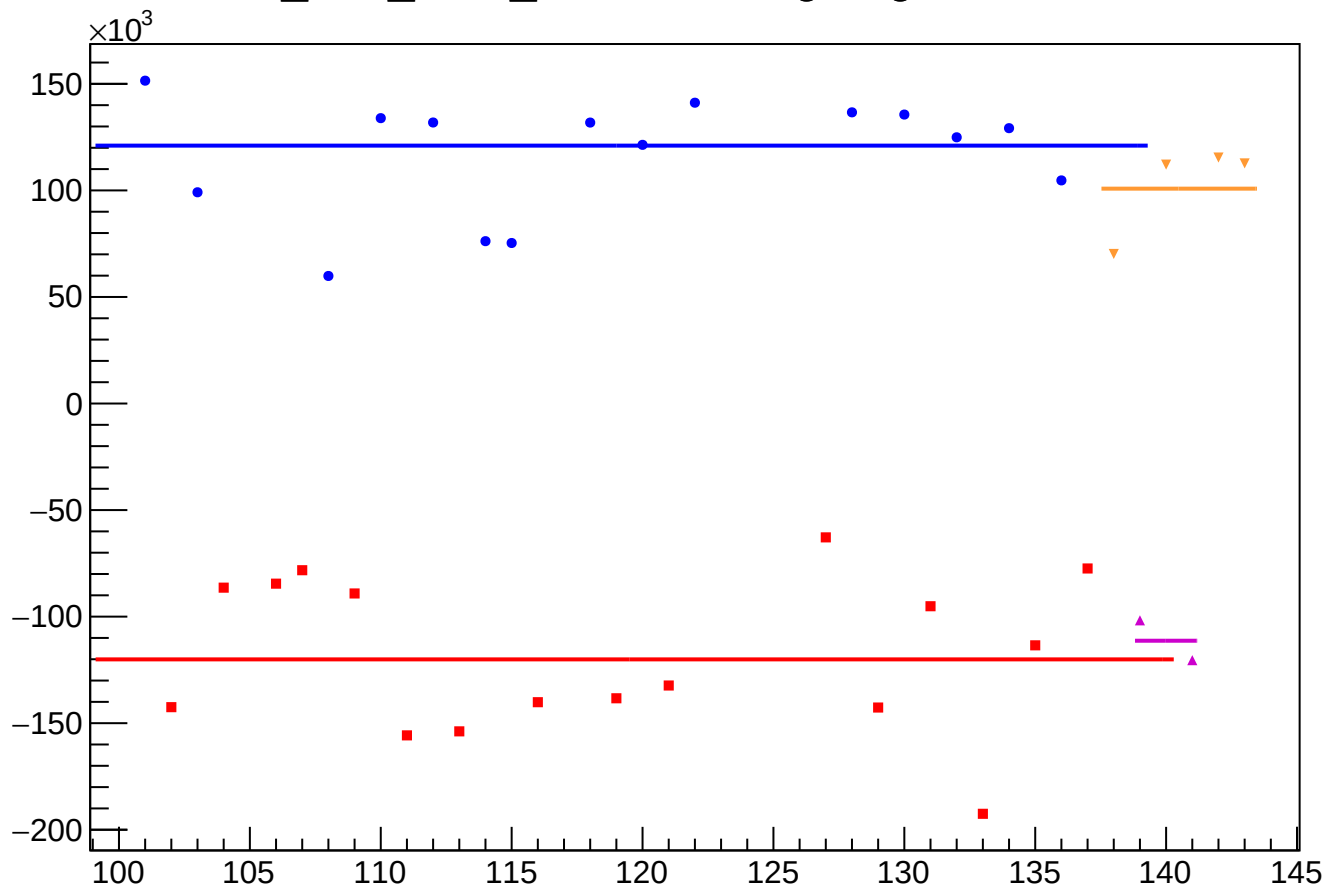
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

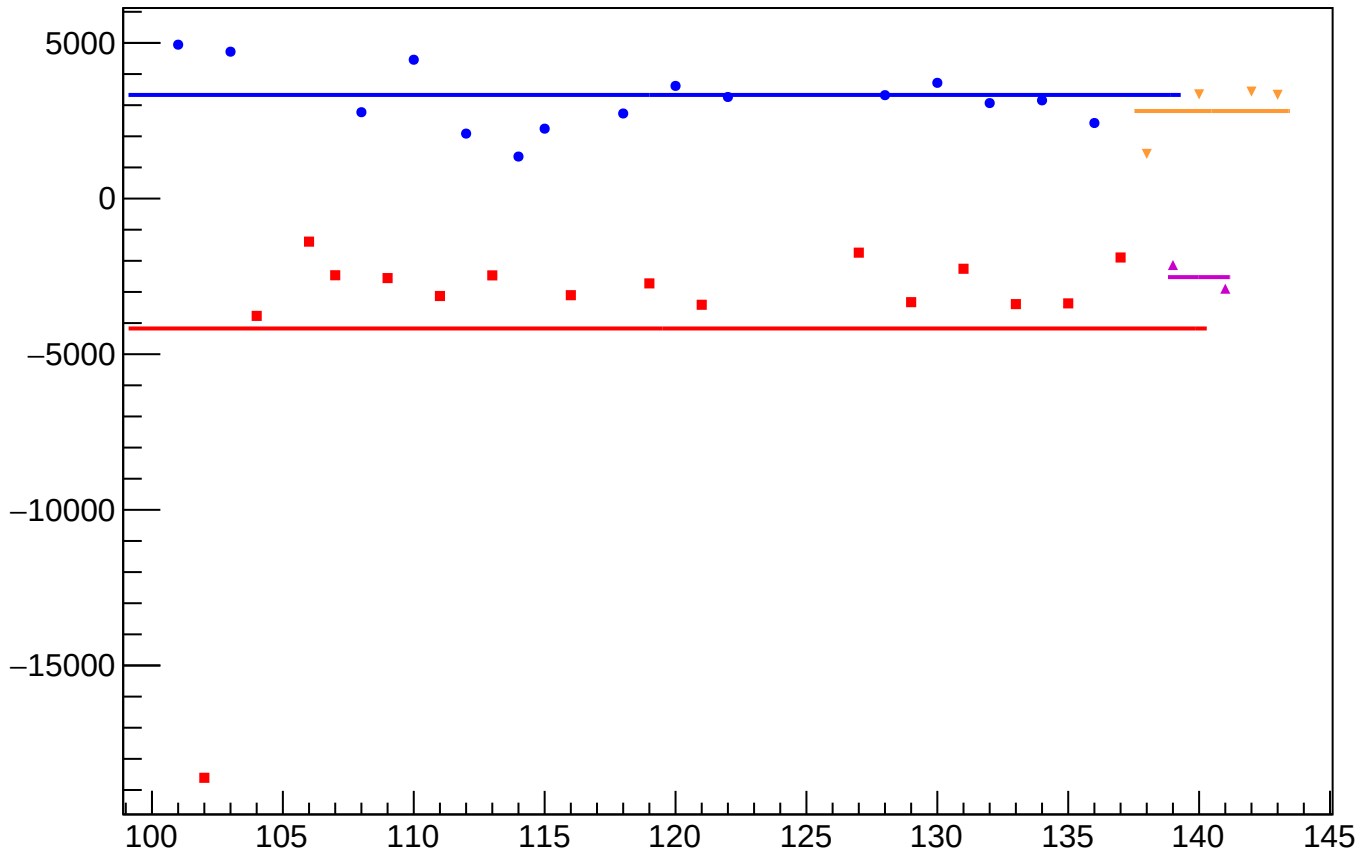
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

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: -111309.118 $\pm$ 0.000 χ^2 /NDF: 14492638666008010516312869980815438643200.0/1

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



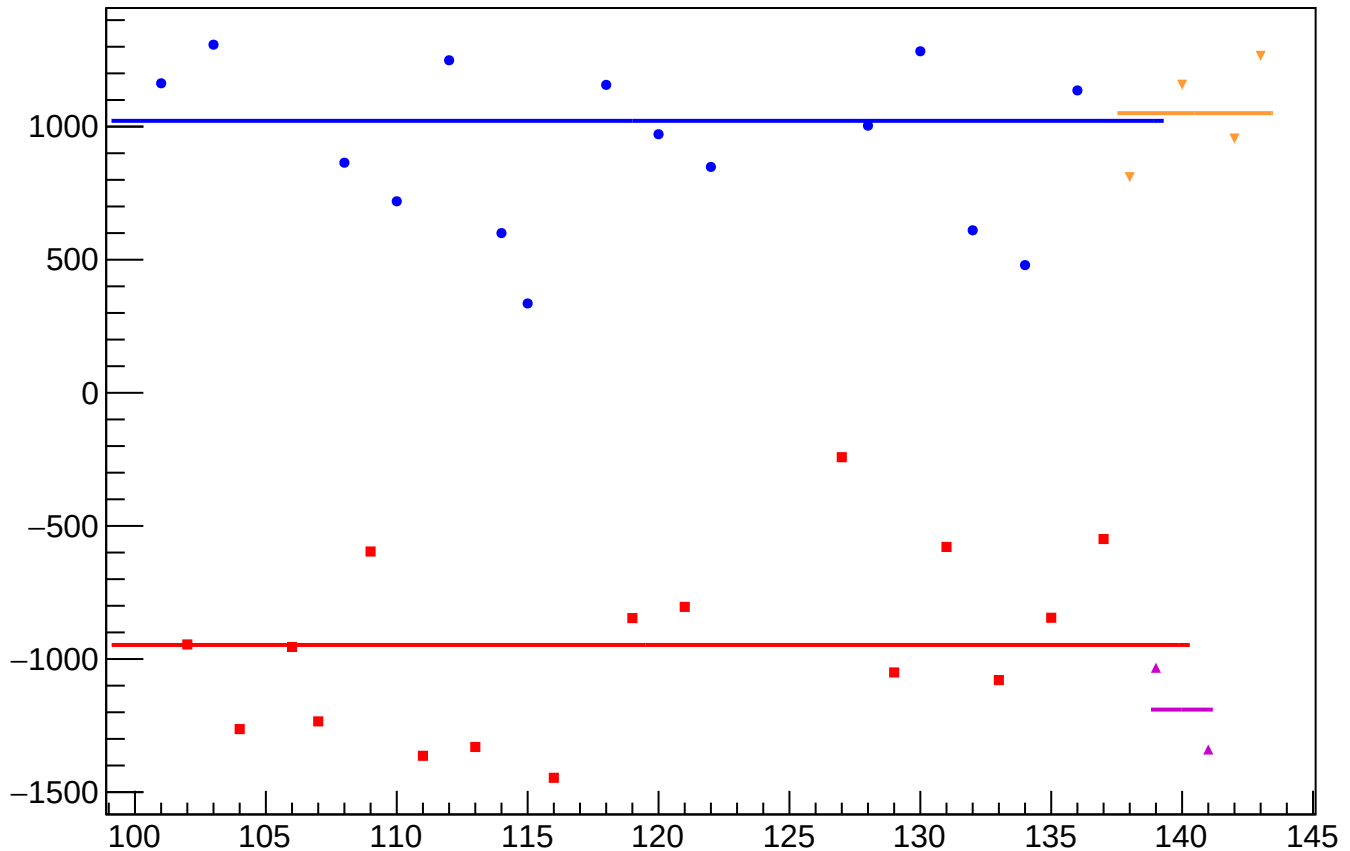
Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14

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: -2523.481 $\pm$ 0.000 χ^2 /NDF: 24047283485849189353760142345629597696.0/1

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



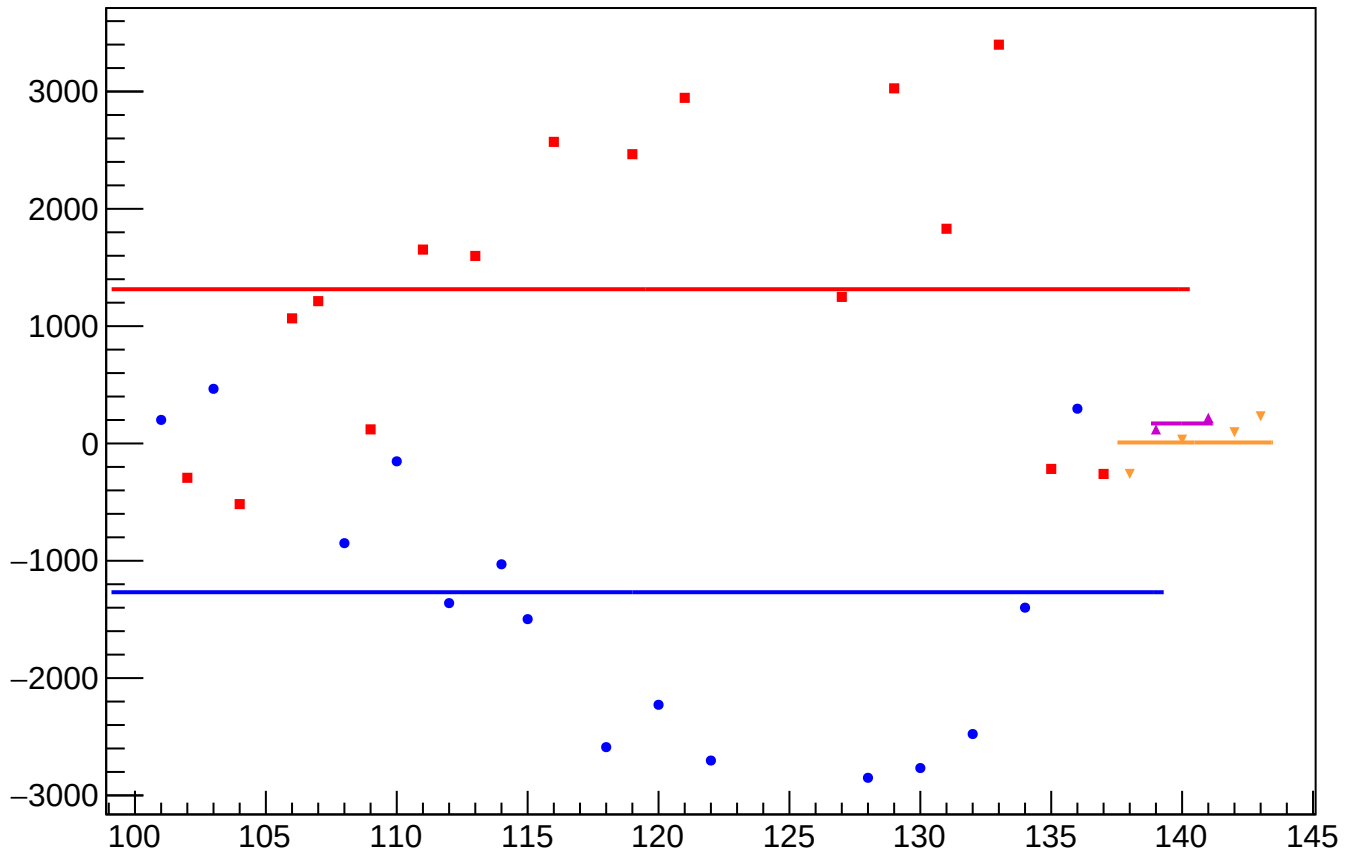
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

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: -1189.976 ± 0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam1_coil7_mean vs Slug, Sign Corrected



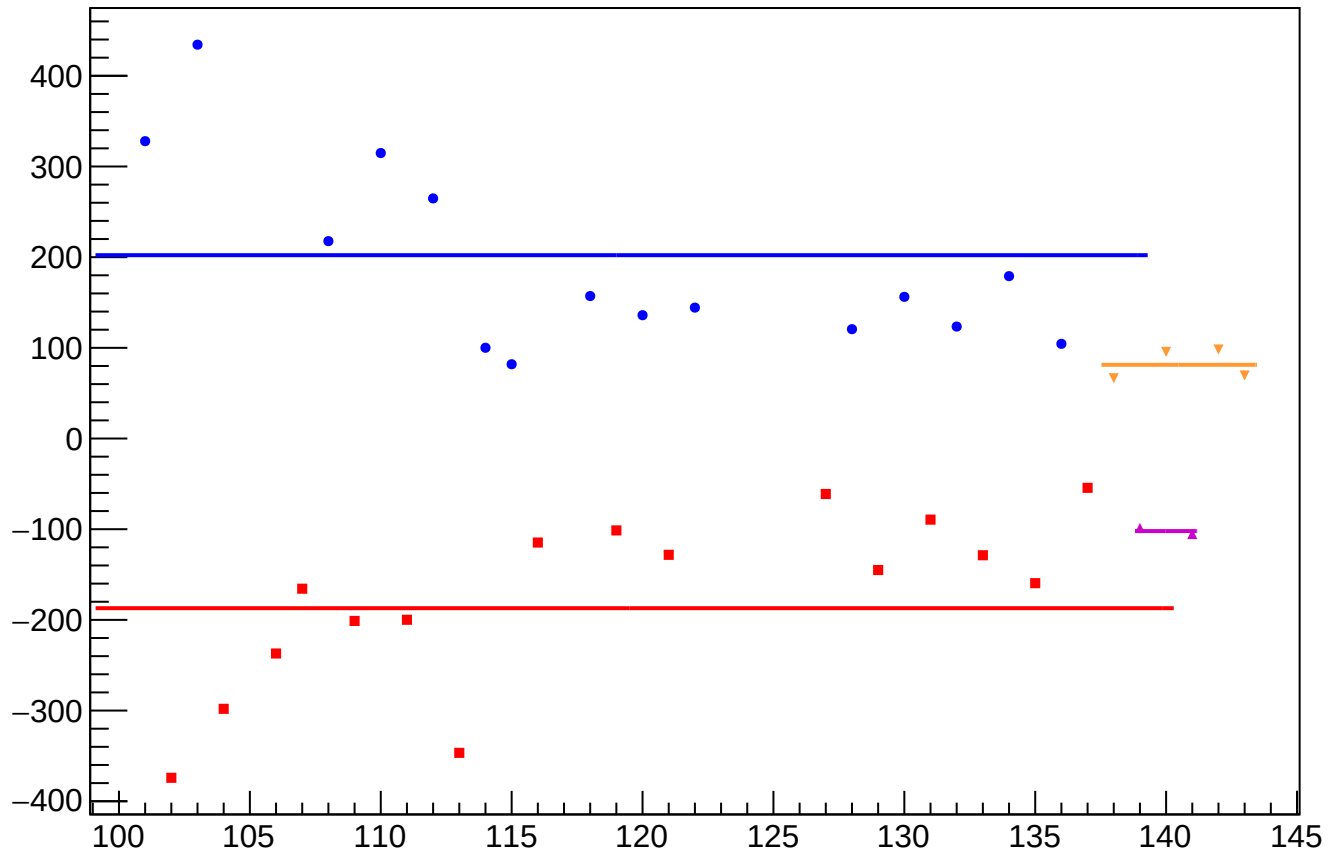
Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

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: 170.523+/-0.000 χ^2/NDF : 409378758177149563685368738575548416.0/1

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



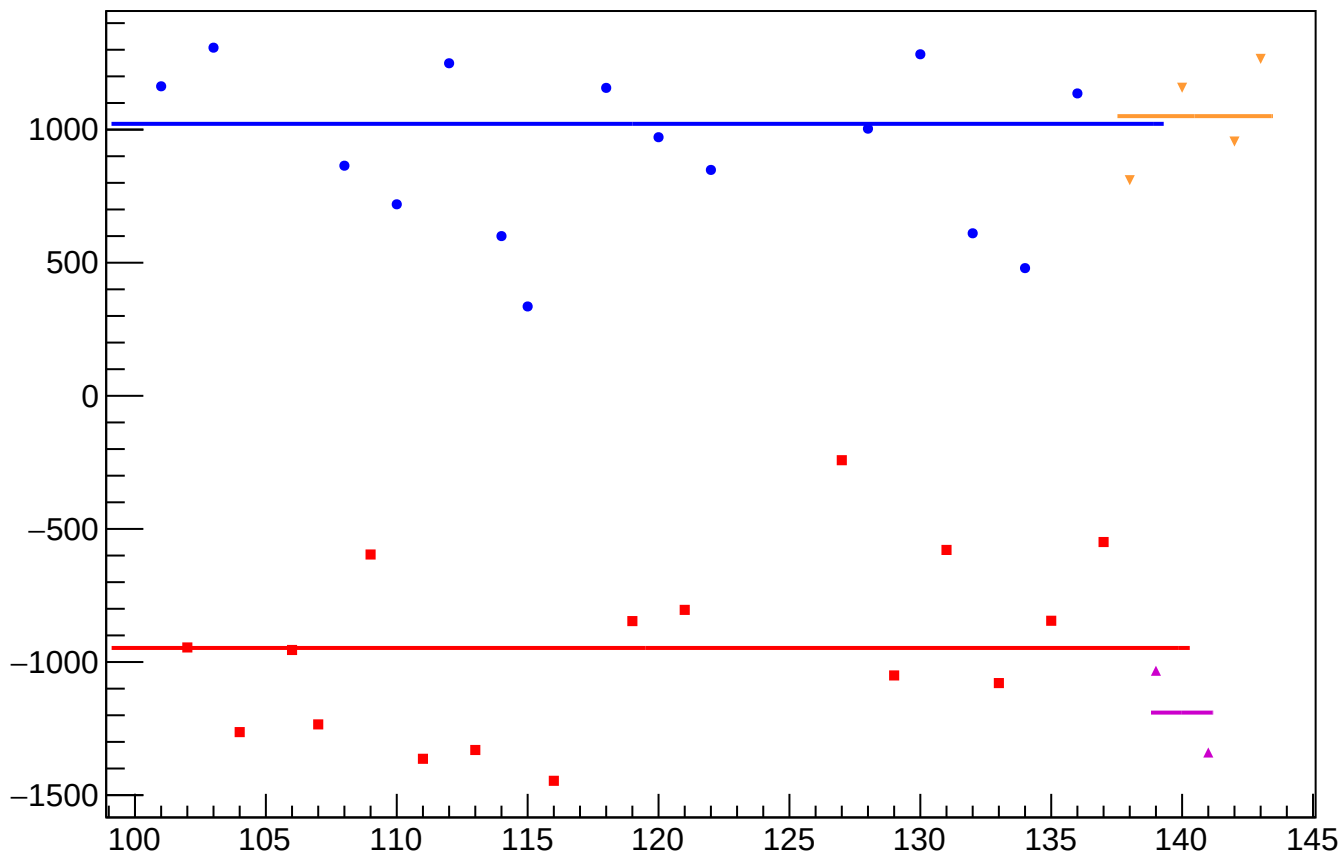
Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

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: -102.057+/-0.000 χ^2/NDF : 1829526798030354229377807828385792.0/1

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



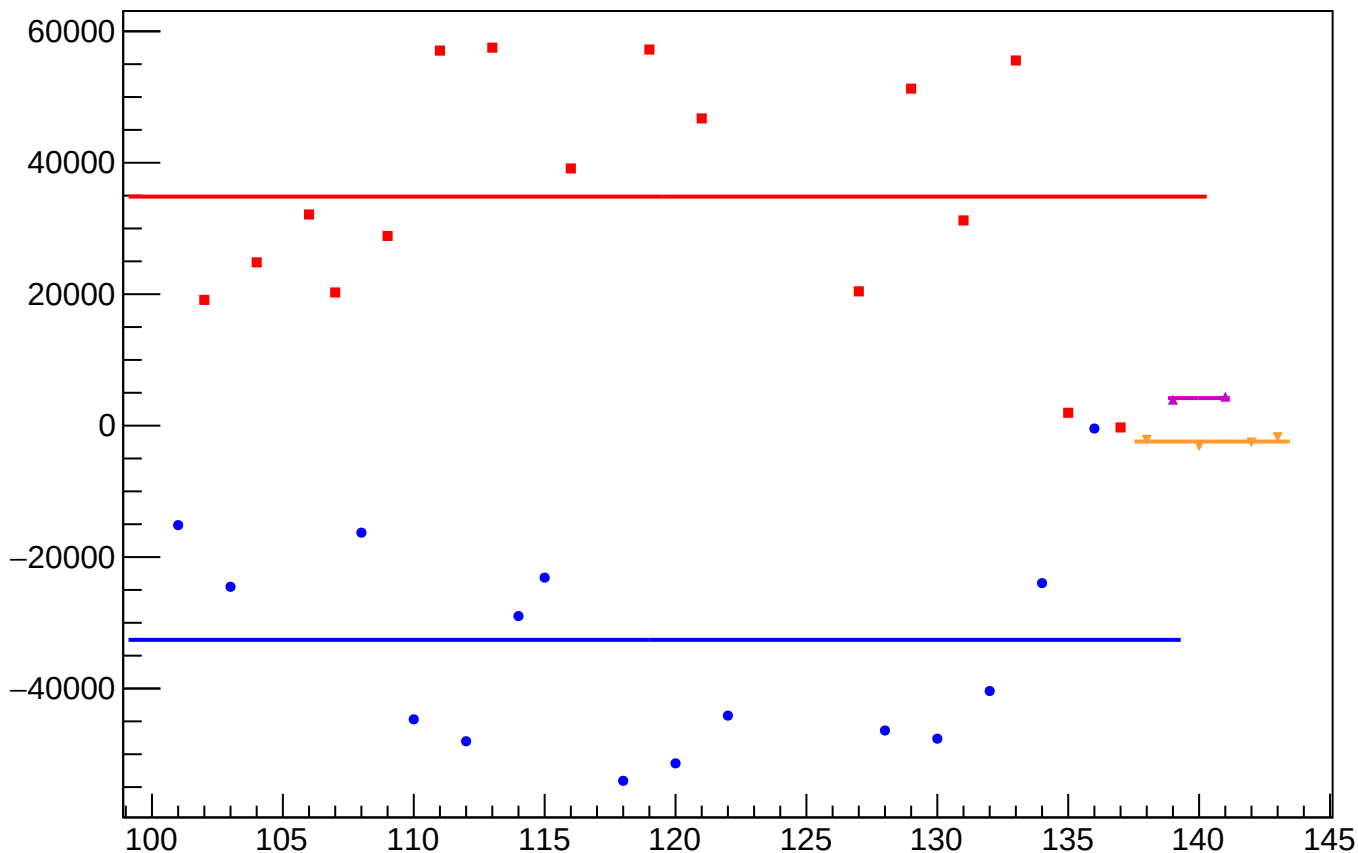
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

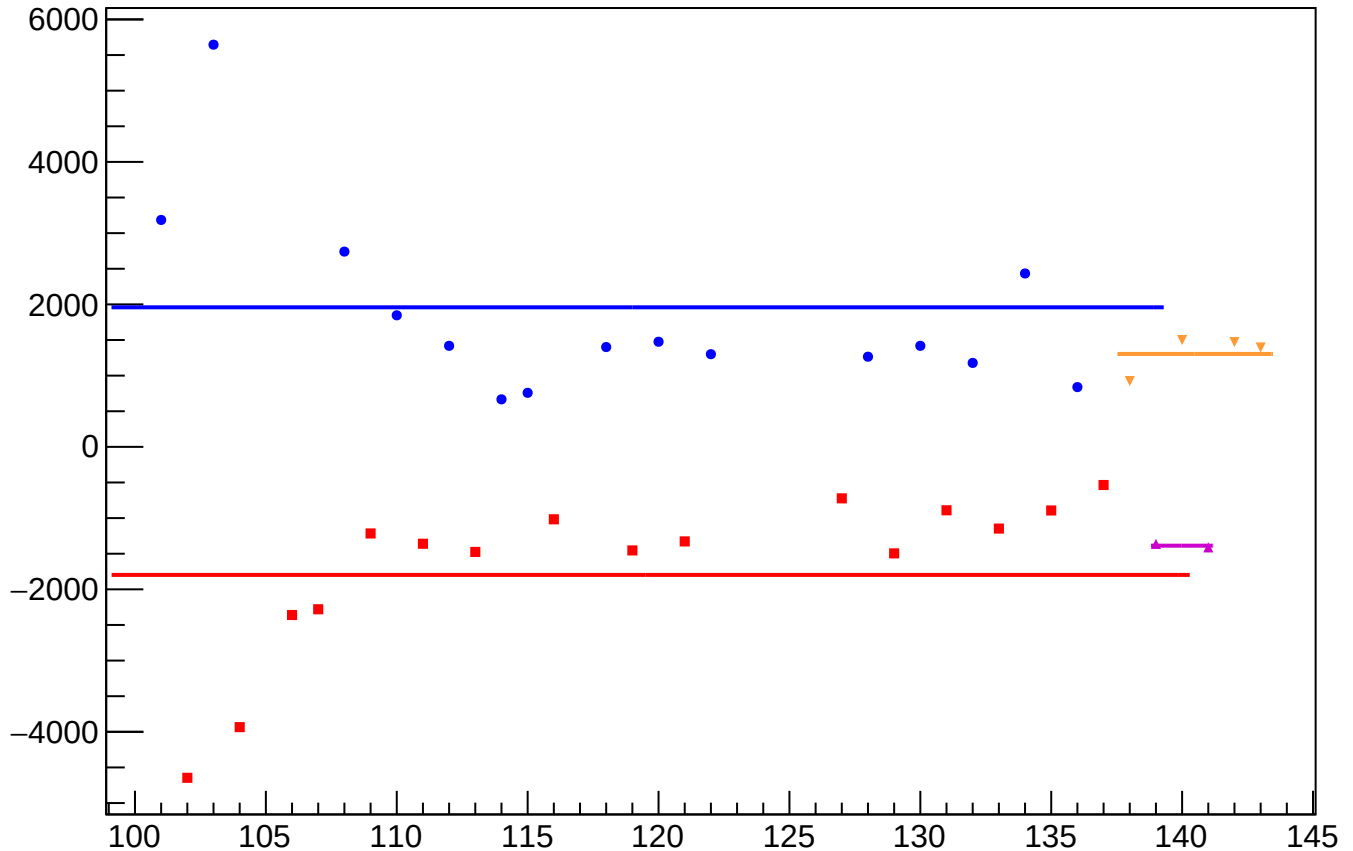
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam2_coil7_mean vs Slug, Sign Corrected



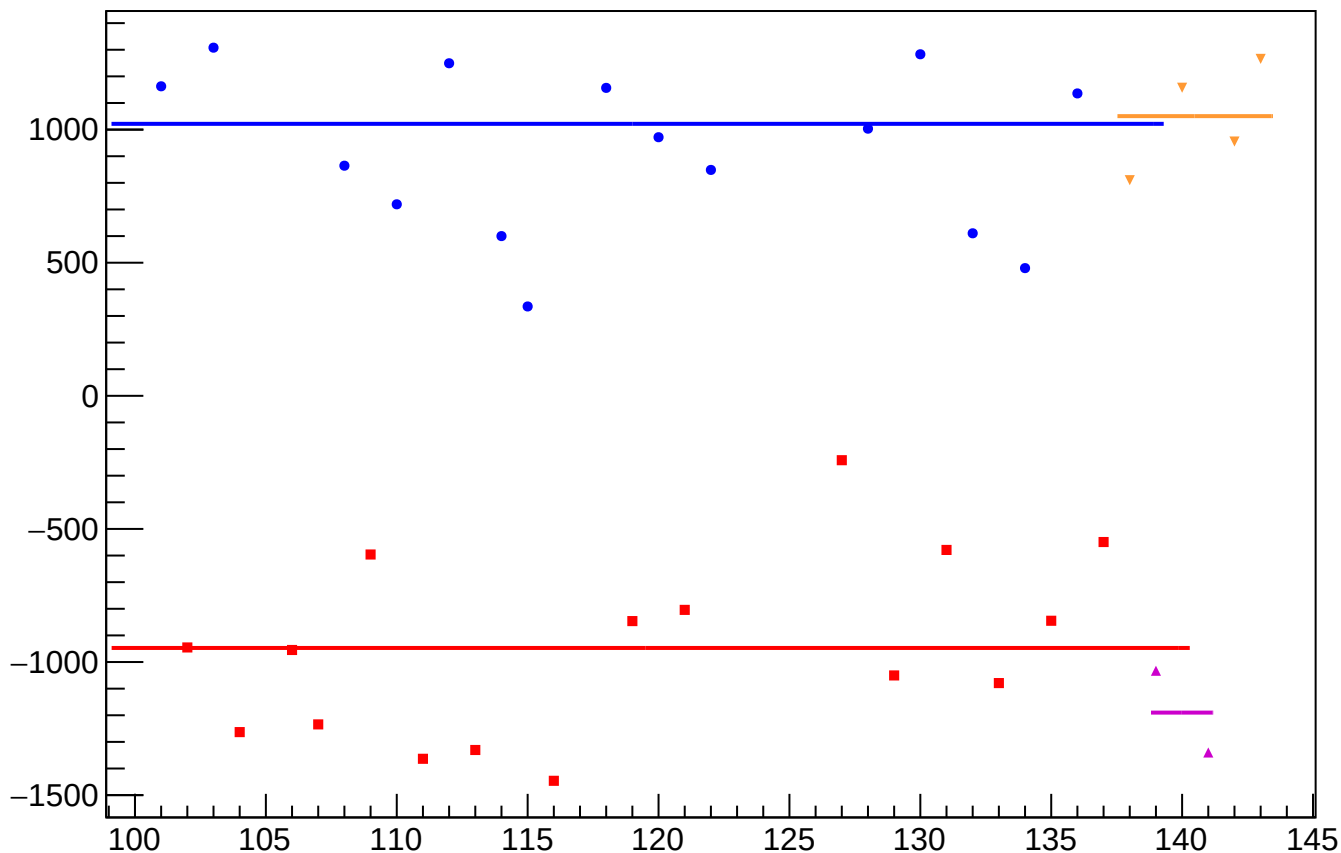
Right In: -32594.962 ± 0.000 $\chi^2/\text{NDF}: 209150369207000564489724529020922520141824.0/14$
 Left Out: -2419.815 ± 0.000 $\chi^2/\text{NDF}: 77047920832399818808714482354095128576.0/3$
 Right Out: 34848.046 ± 0.000 $\chi^2/\text{NDF}: 221127702024811719232559434097324967591936.0/15$
 Left In: 4190.882 ± 0.000 $\chi^2/\text{NDF}: 8648761879054667895504206302474665984.0/1$

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: -1386.983 +/- 0.000 χ^2/NDF : 99321537729763257695965417209593856.0/1

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



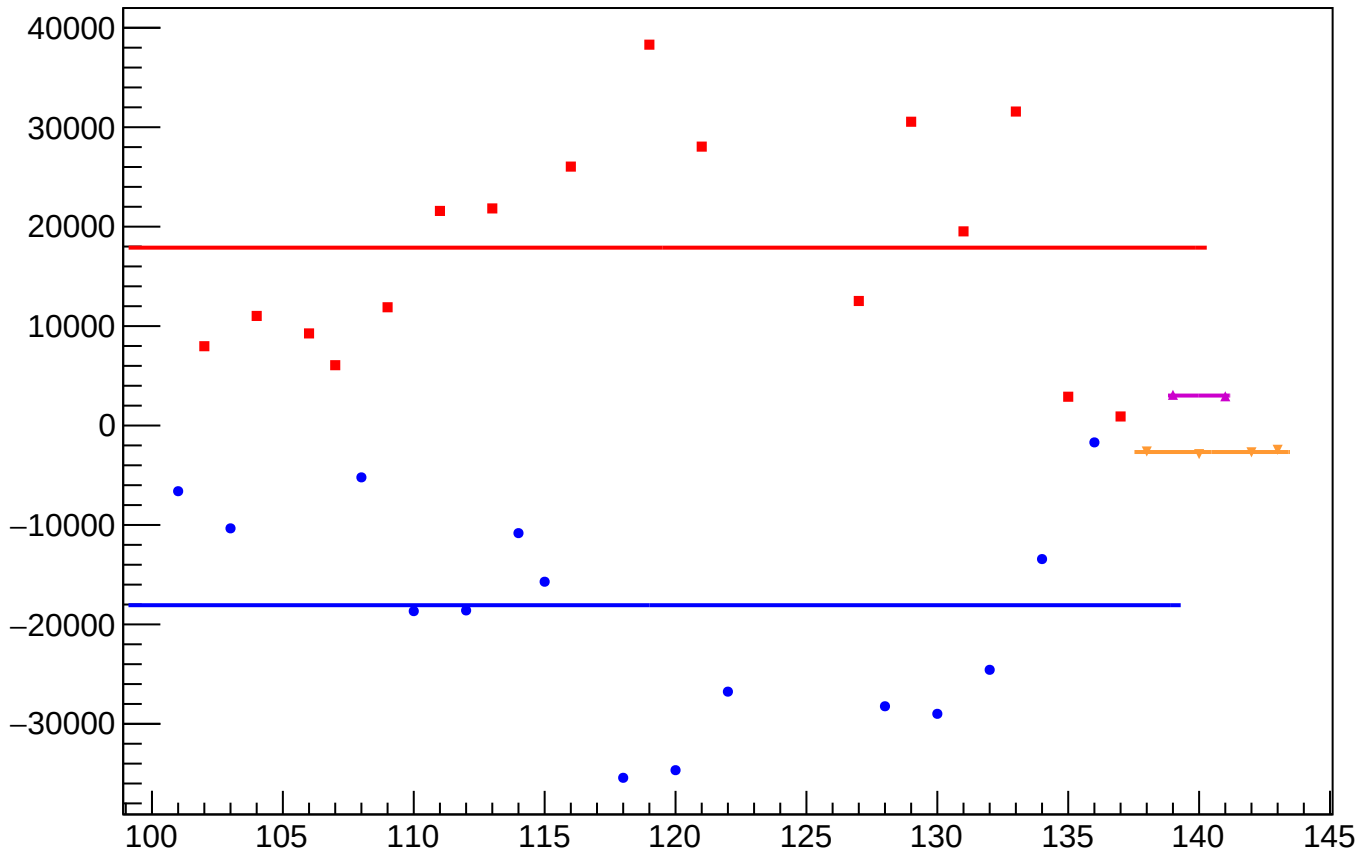
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

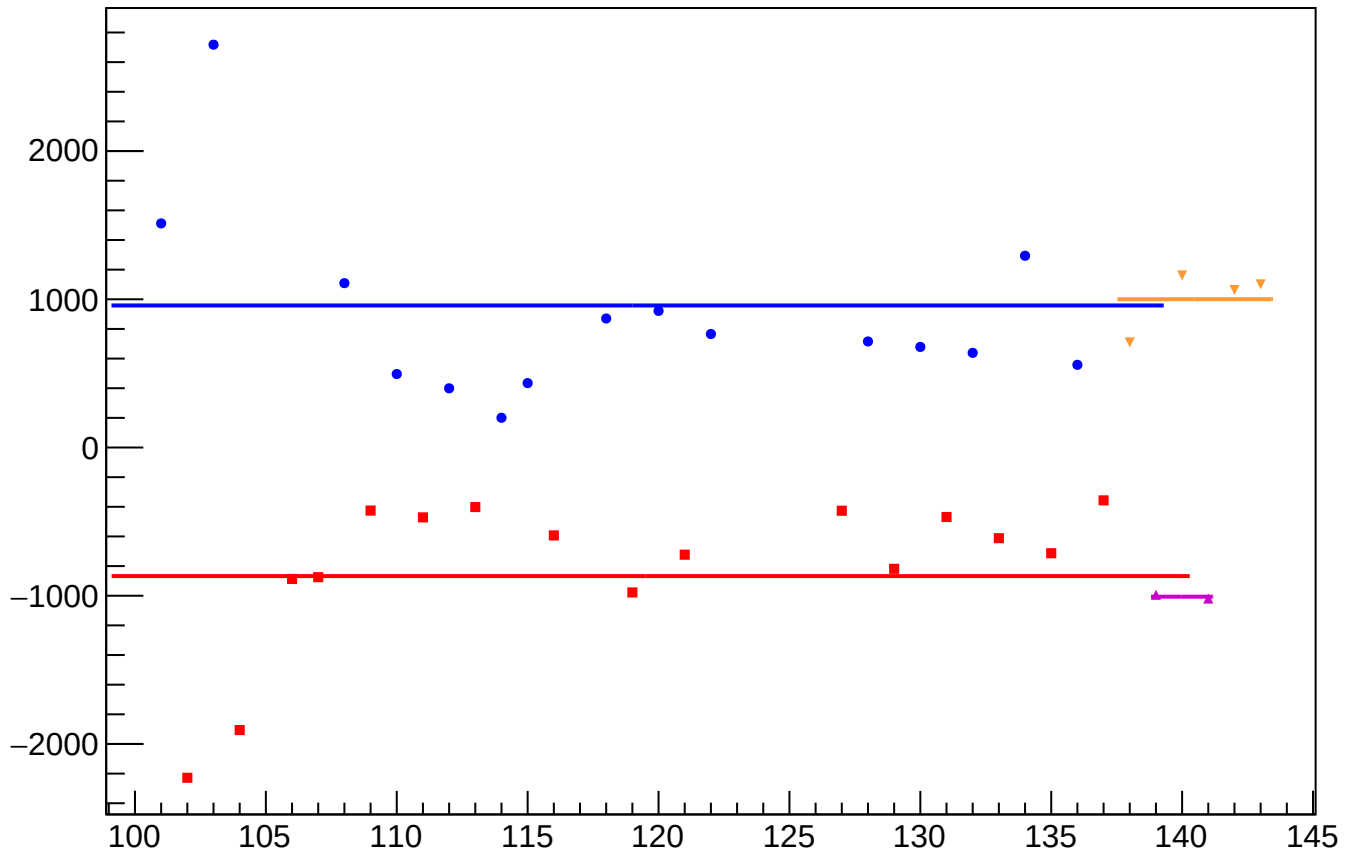
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

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: 3013.991+/-0.000 χ^2/NDF : 895957856215526275595350991479767040.0/1

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



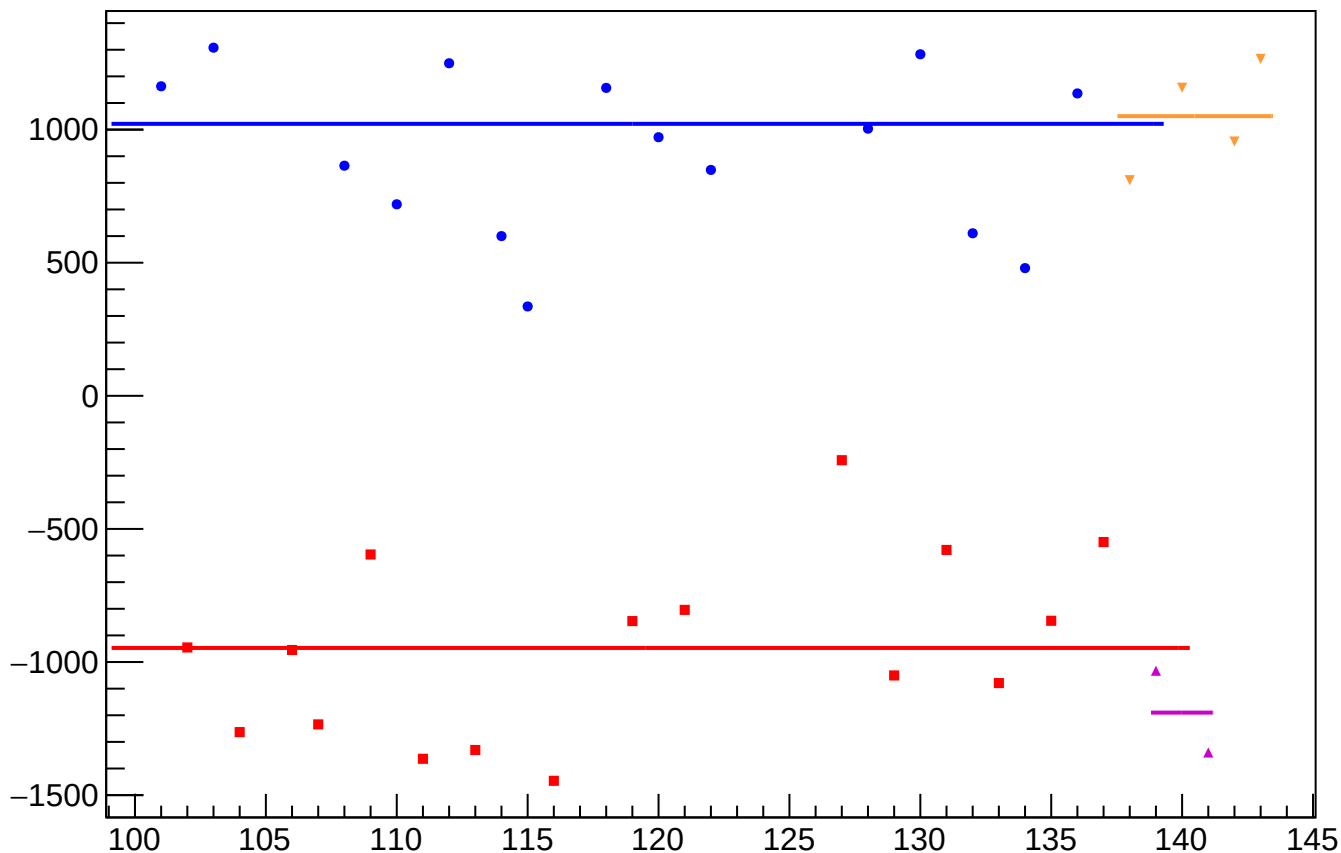
Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

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: -1006.433+/-0.000 χ^2/NDF : 26730063867927019307630595573547008.0/1

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



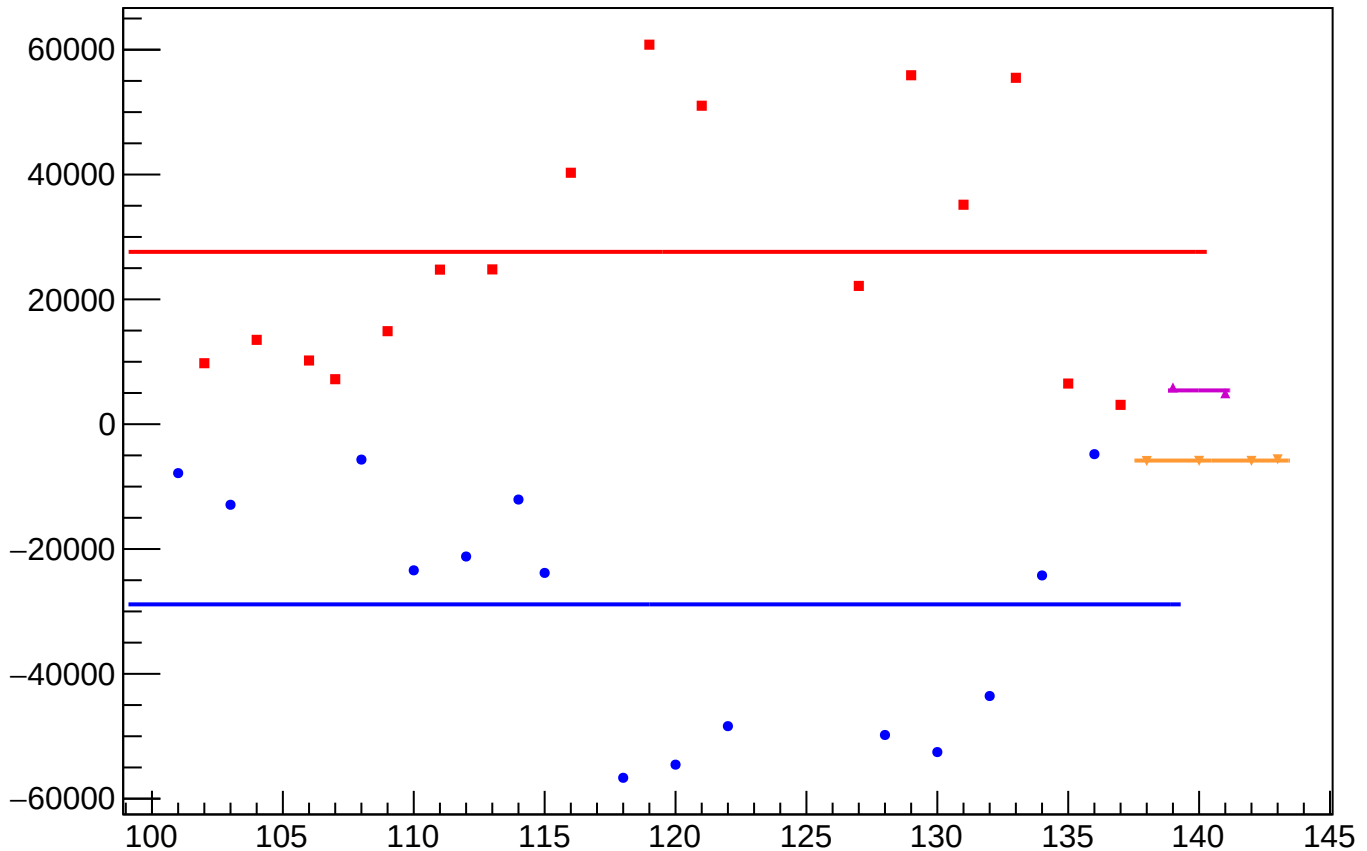
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

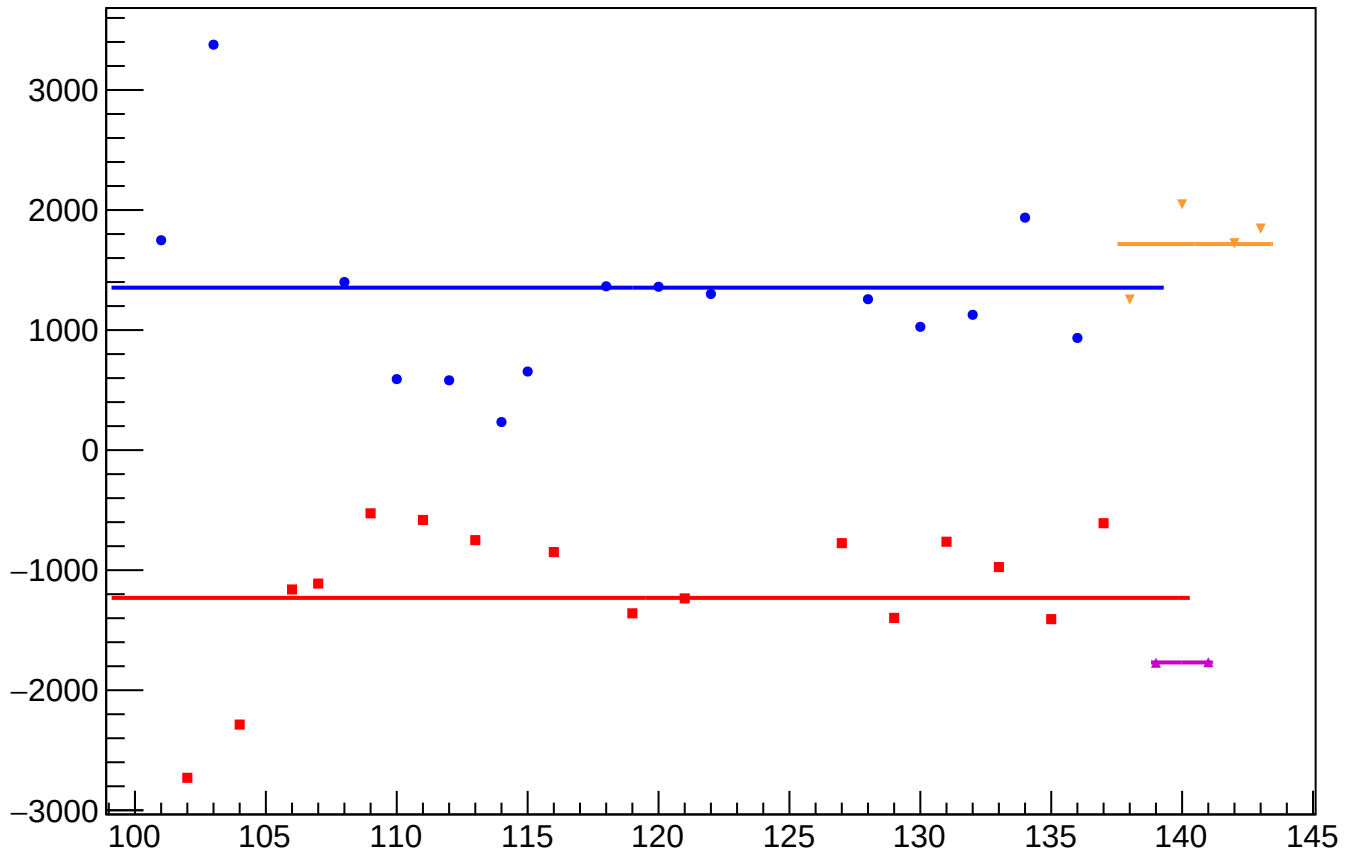
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

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: 5413.972 ± 0.000 χ^2/NDF : 36142797646132527951962569628530507776.0/1

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



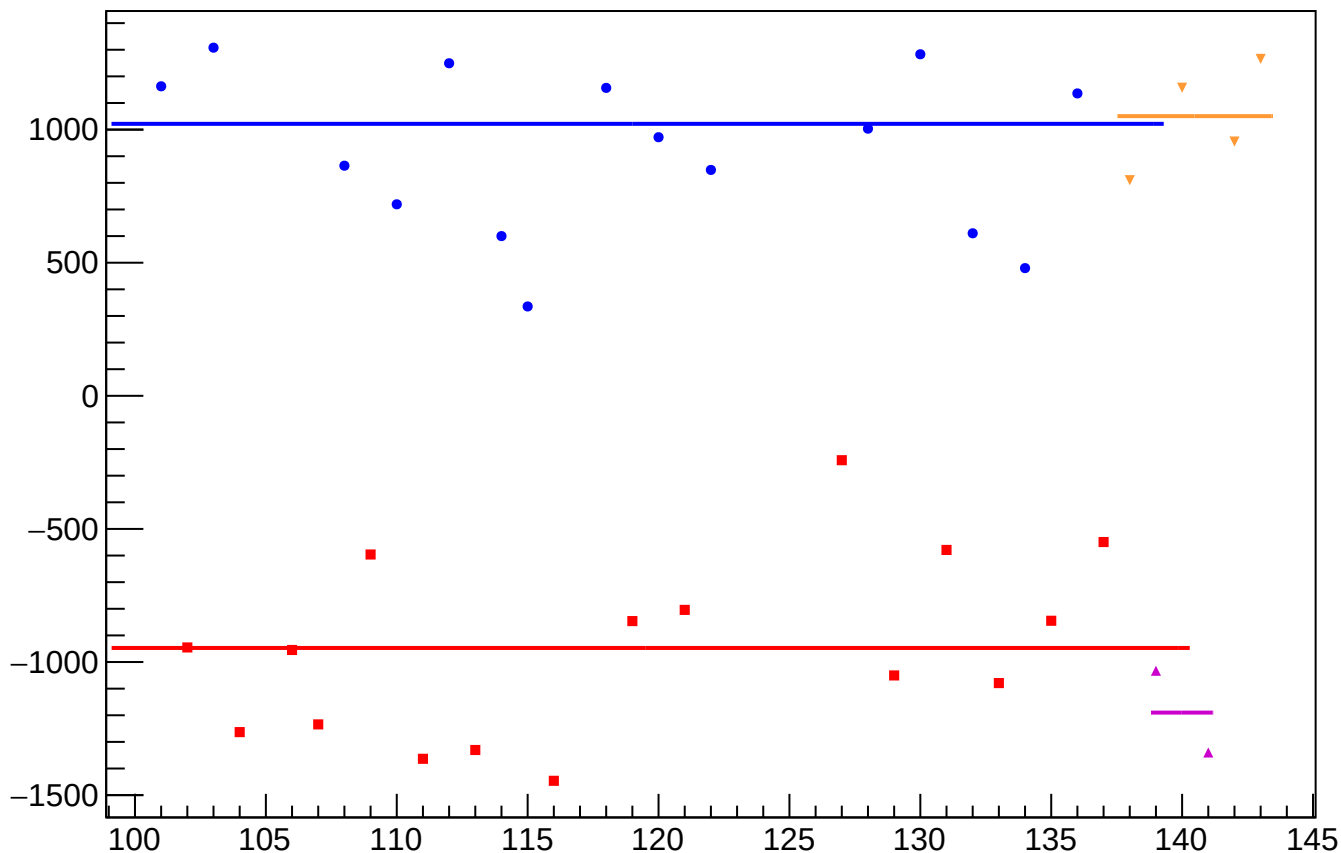
Right In: 1353.413+/-0.000 χ^2/NDF : 352887966702770713373861839880553758720.0/14

Left Out: 1716.663+/-0.000 χ^2/NDF : 26755330221760040288871414479496151040.0/3

Right Out: -1230.633+/-0.000 χ^2/NDF : 276989454129150005656872744539903754240.0/15

Left In: -1768.609+/-0.000 χ^2/NDF : 741686981259396916198910038376448.0/1

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



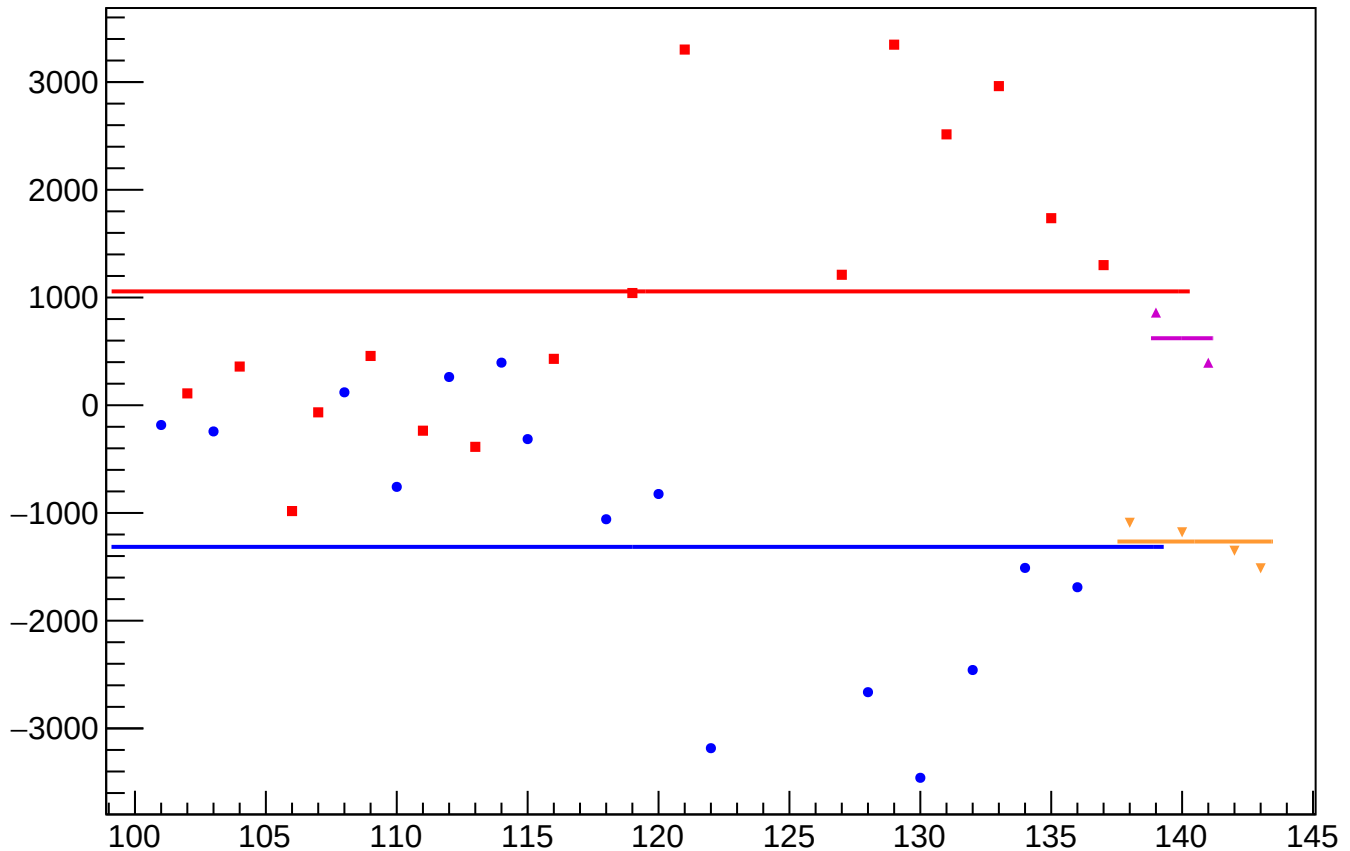
Right In: 1021.684 $\pm$ 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608 $\pm$ 0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145 $\pm$ 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

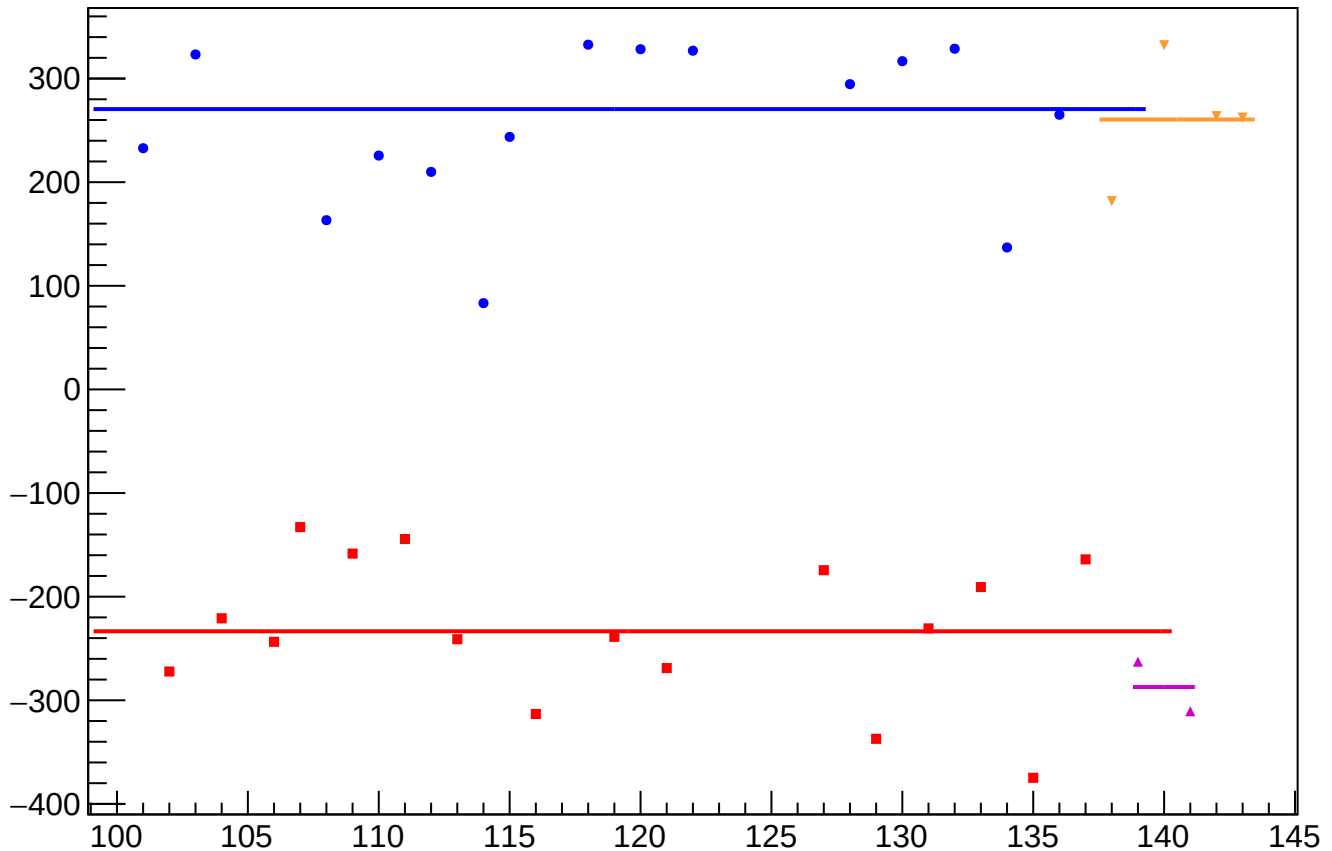
Left In: -1189.976 $\pm$ 0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

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: 622.041 +/- 0.000 χ^2/NDF : 8988929562249793058473096060600320000.0/1

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



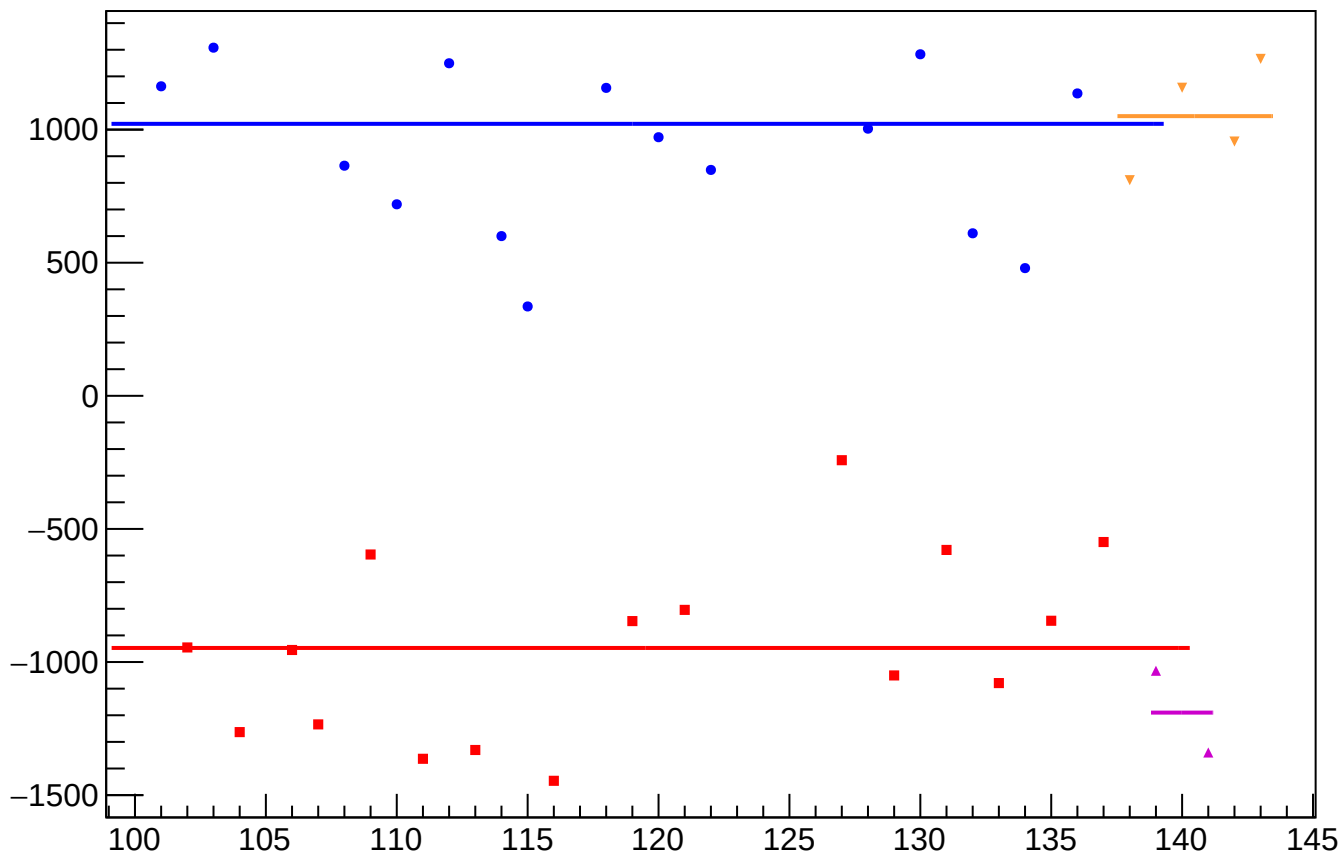
Right In: 270.538+/-0.000 χ^2/NDF : 2473839905347950323907848405170257920.0/14

Left Out: 260.500+/-0.000 χ^2/NDF : 905340145741554246727262482680774656.0/3

Right Out: -233.421+/-0.000 χ^2/NDF : 3048529087317888615064010247743995904.0/15

Left In: -287.211+/-0.000 χ^2/NDF : 94987807939330708211131136669122560.0/1

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



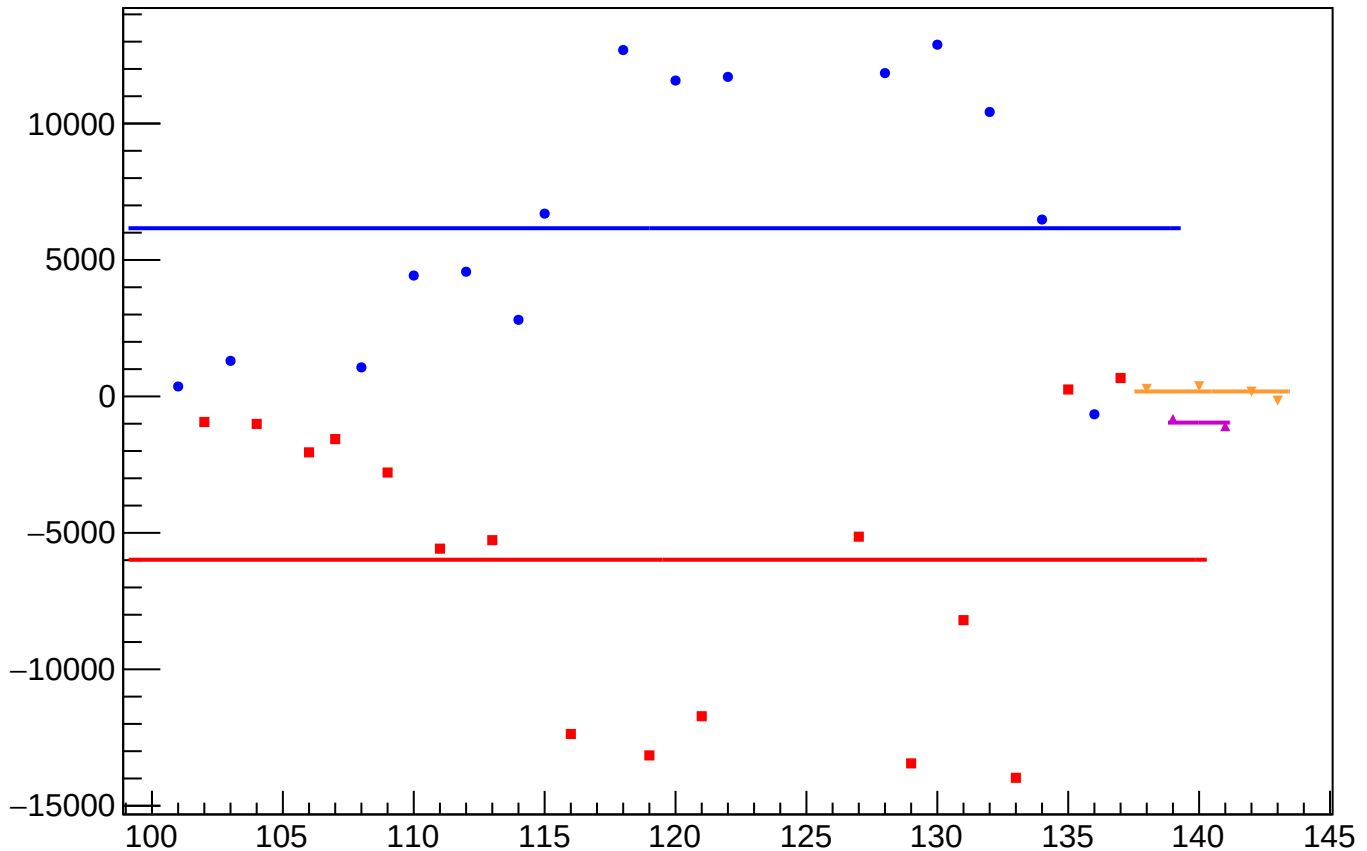
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608 ± 0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

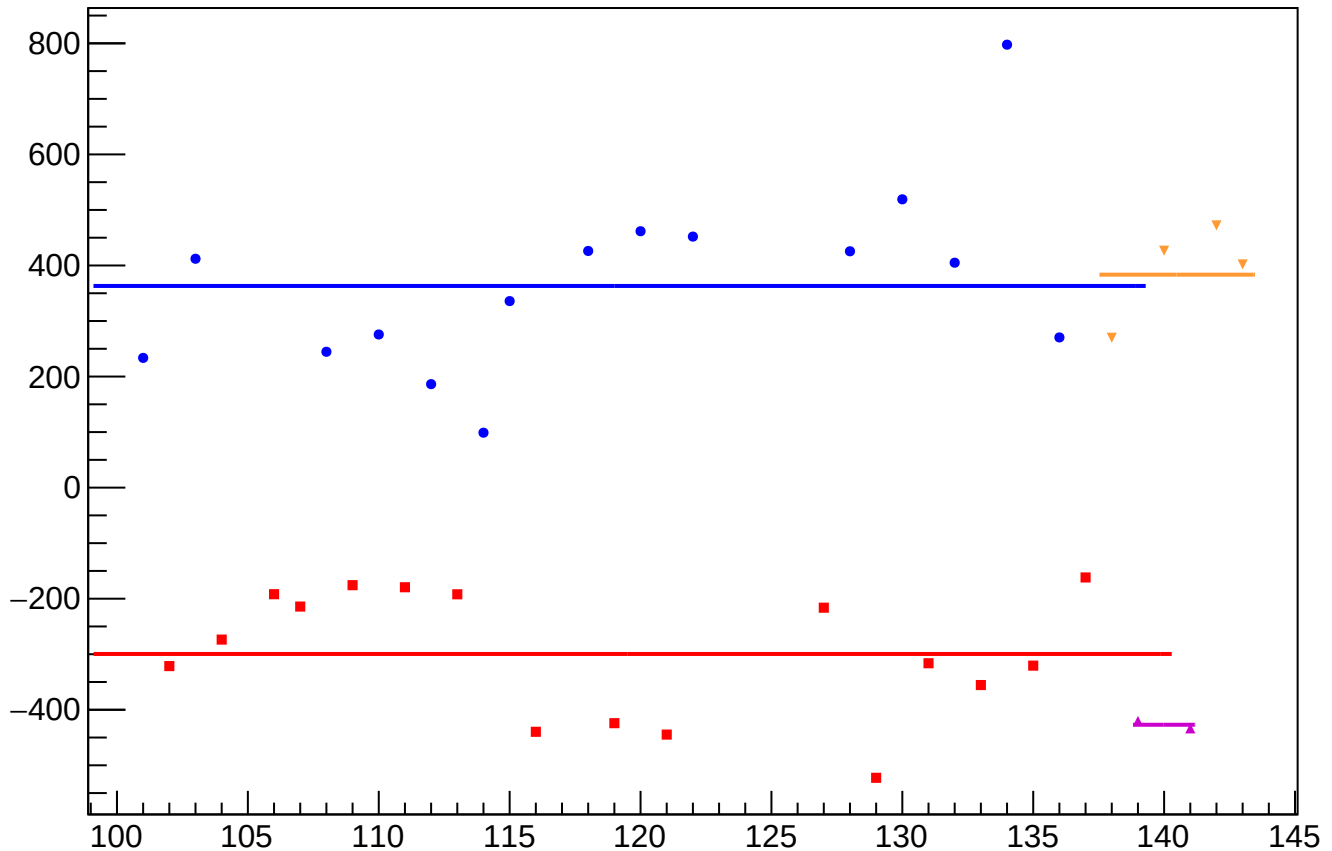
Left In: -1189.976 ± 0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

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: -959.262 +/- 0.000 χ^2/NDF : 2894734667239946207910675254662397952.0/1

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



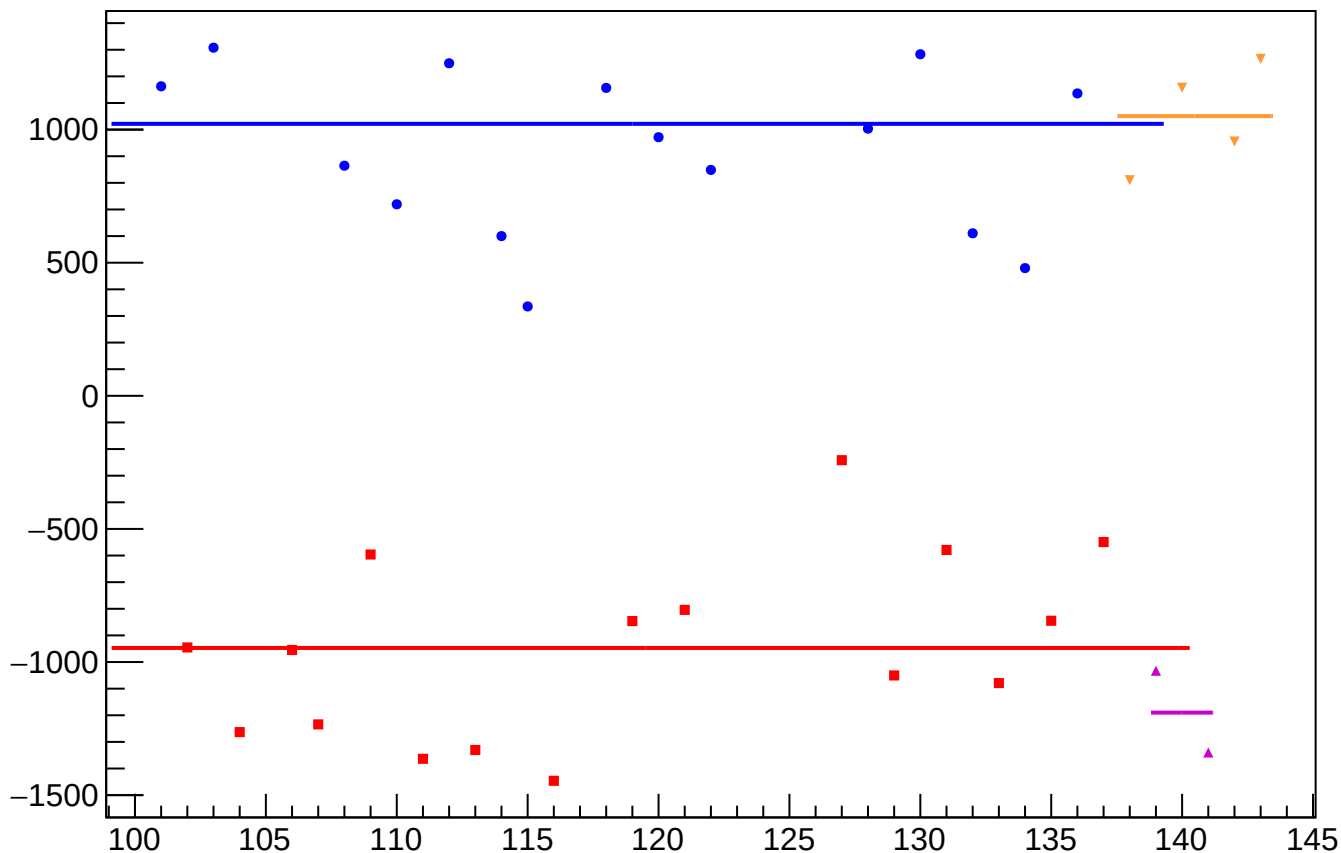
Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

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: -426.990+/-0.000 χ^2/NDF : 7391630109981506573721365458714624.0/1

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



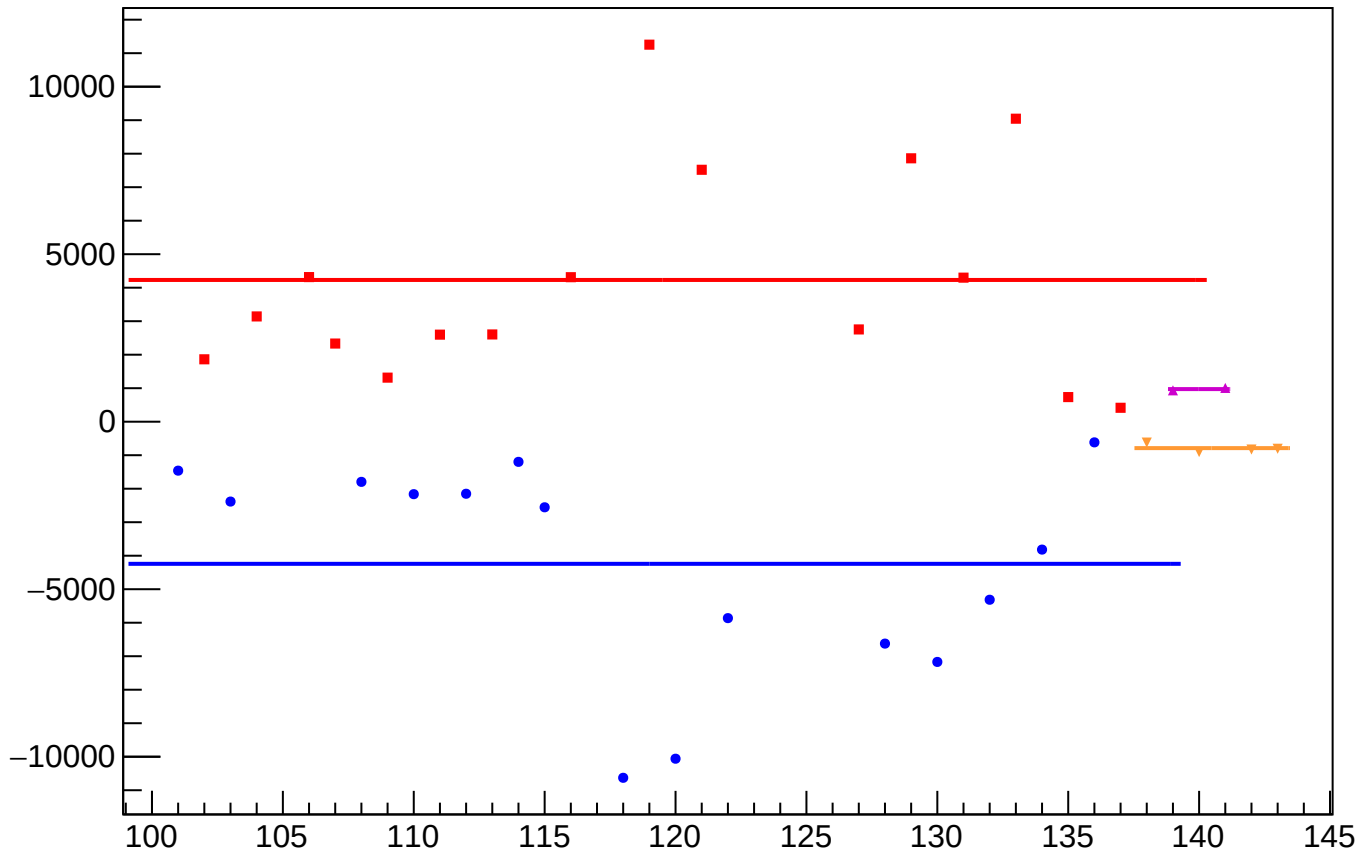
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608 ± 0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

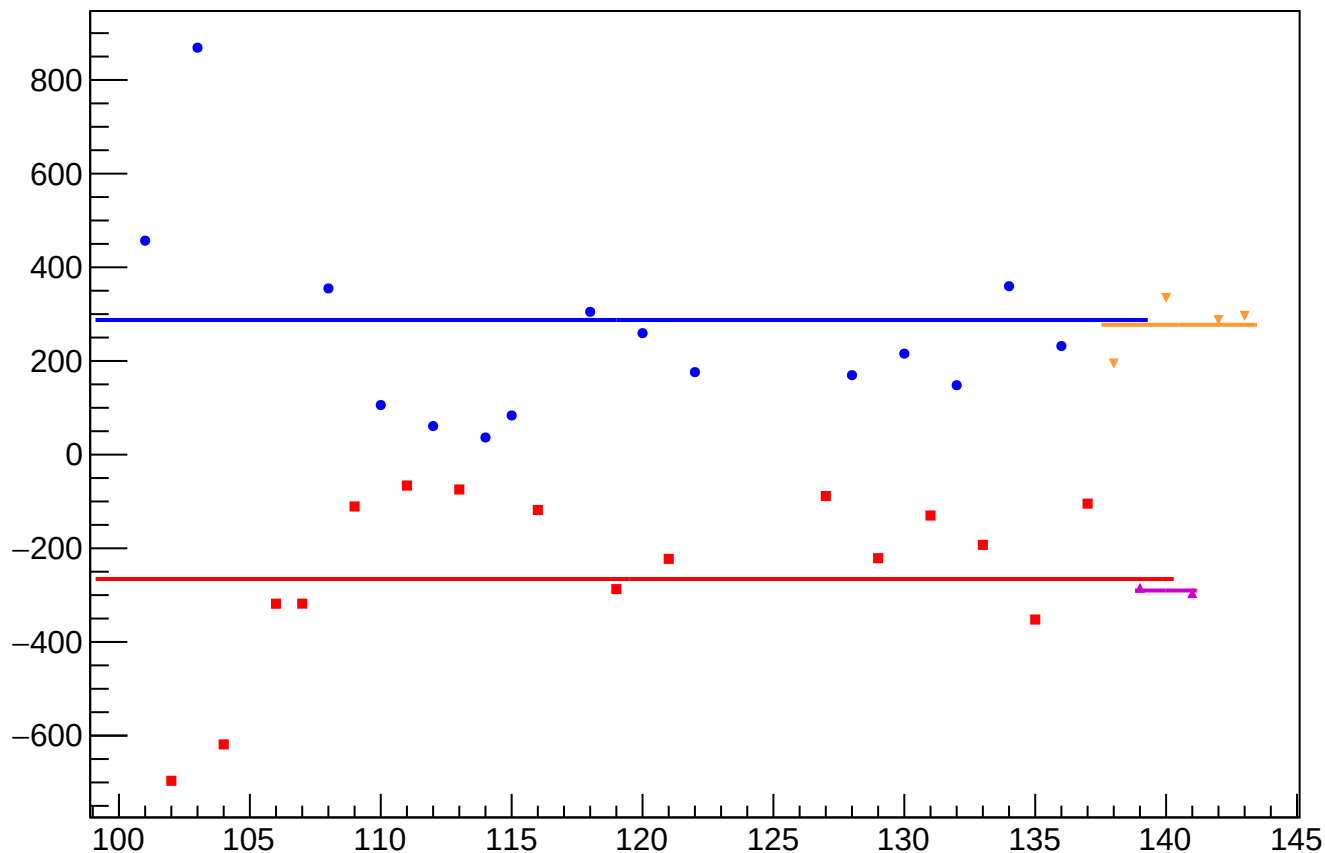
Left In: -1189.976 ± 0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

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: 973.608+/-0.000 χ^2/NDF : 215220494569541865478951011981721600.0/1

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



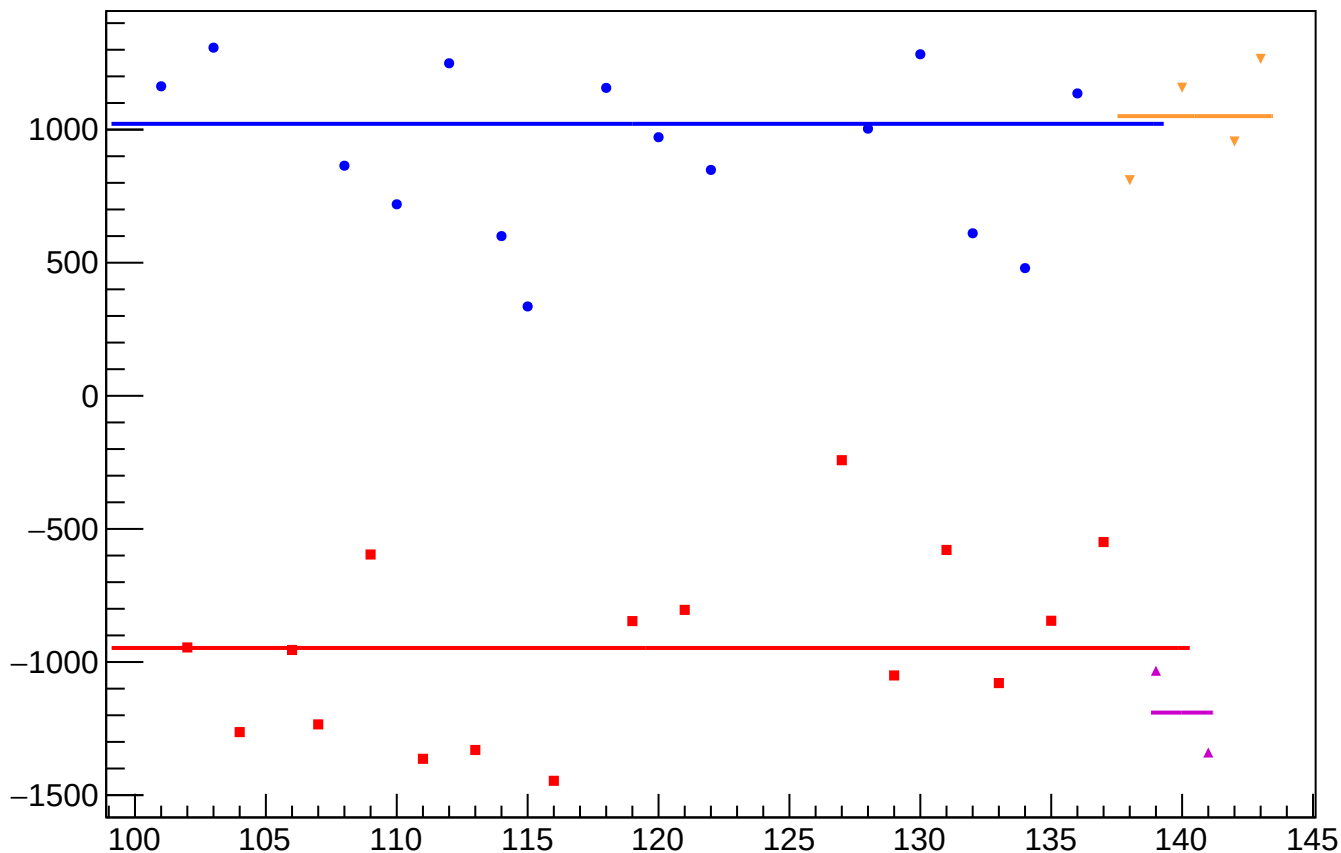
Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 277.204+/-0.000 χ^2/NDF : 834123516076476753668580269667385344.0/3

Right Out: -265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

Left In: -290.106+/-0.000 χ^2/NDF : 5331281985835167149003800531959808.0/1

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



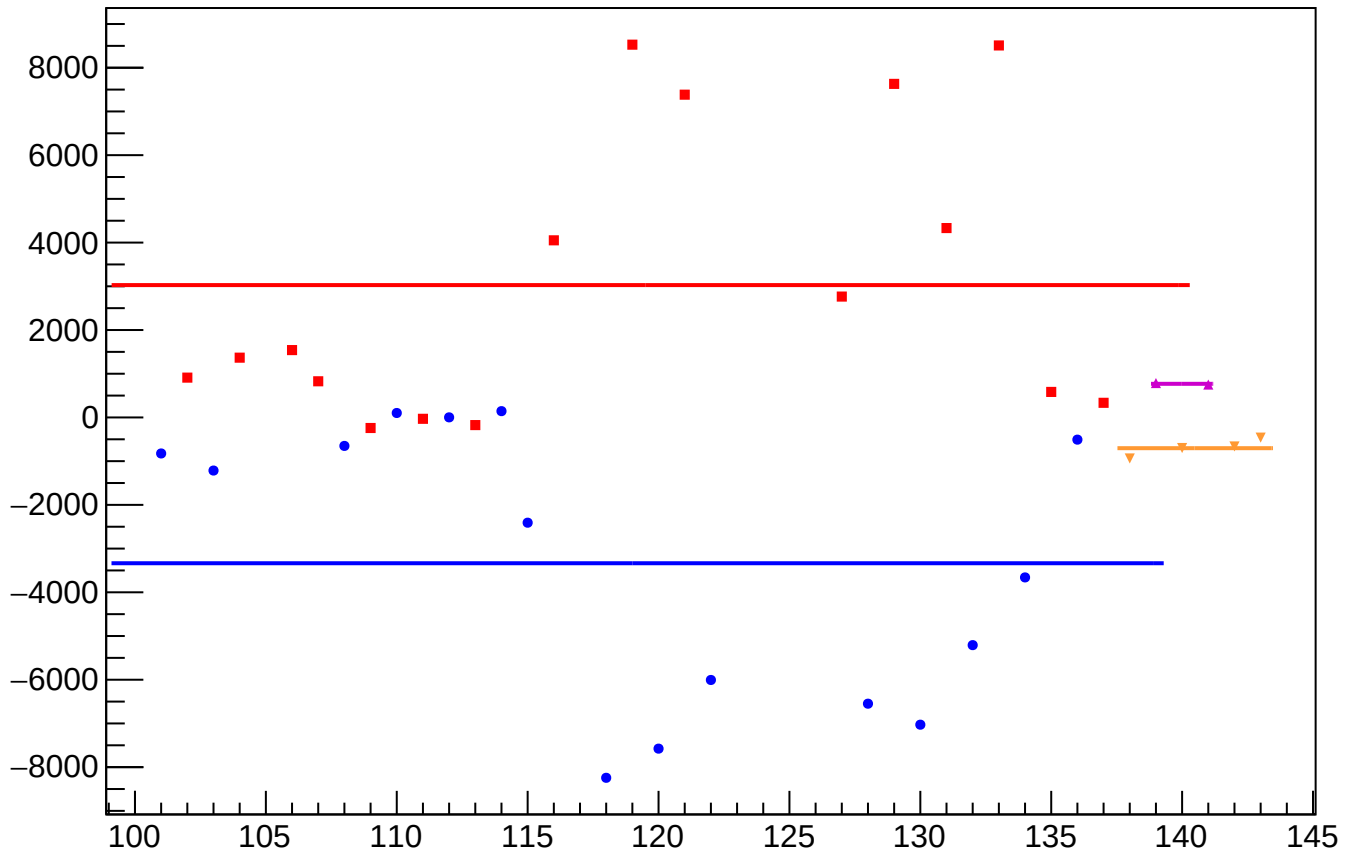
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

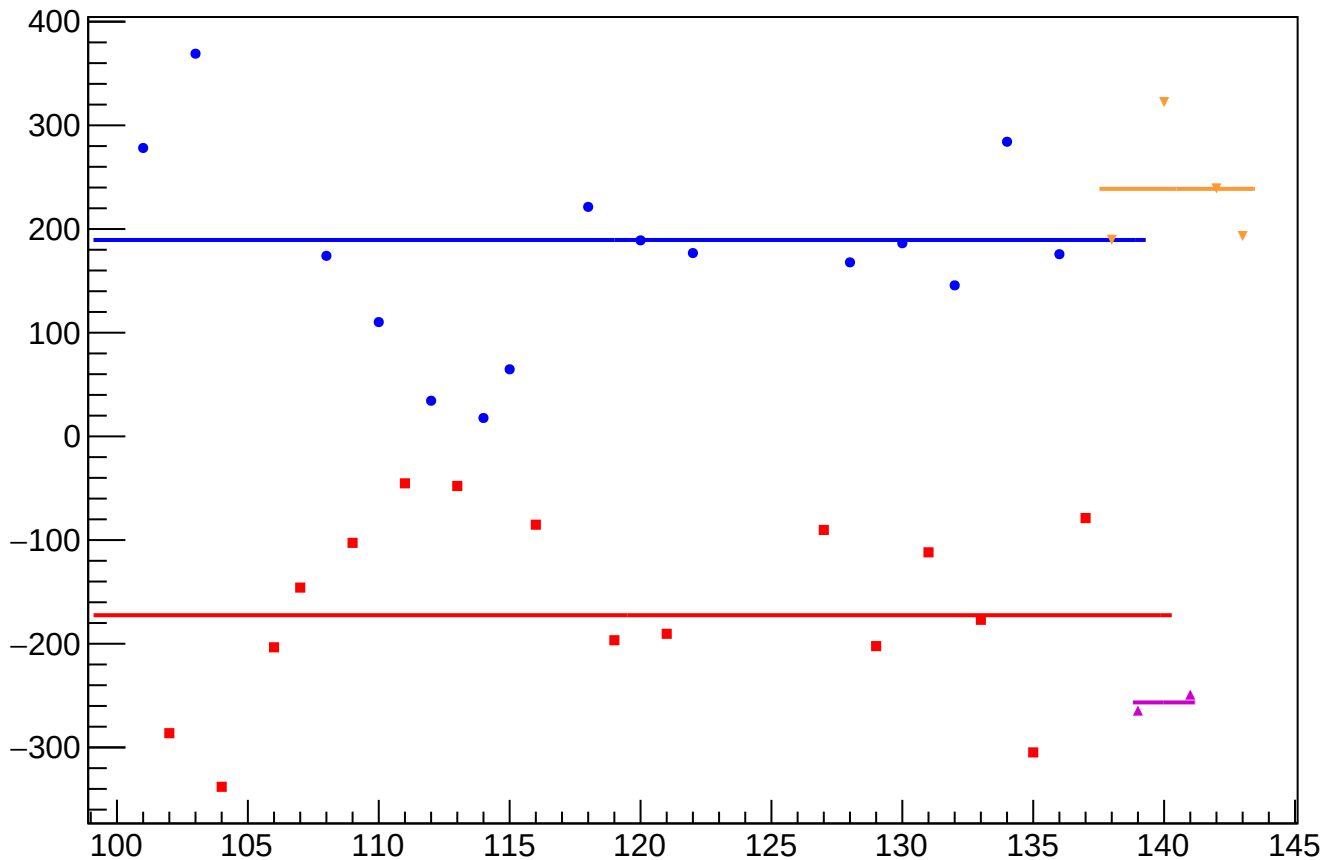
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam8_coil7_mean vs Slug, Sign Corrected



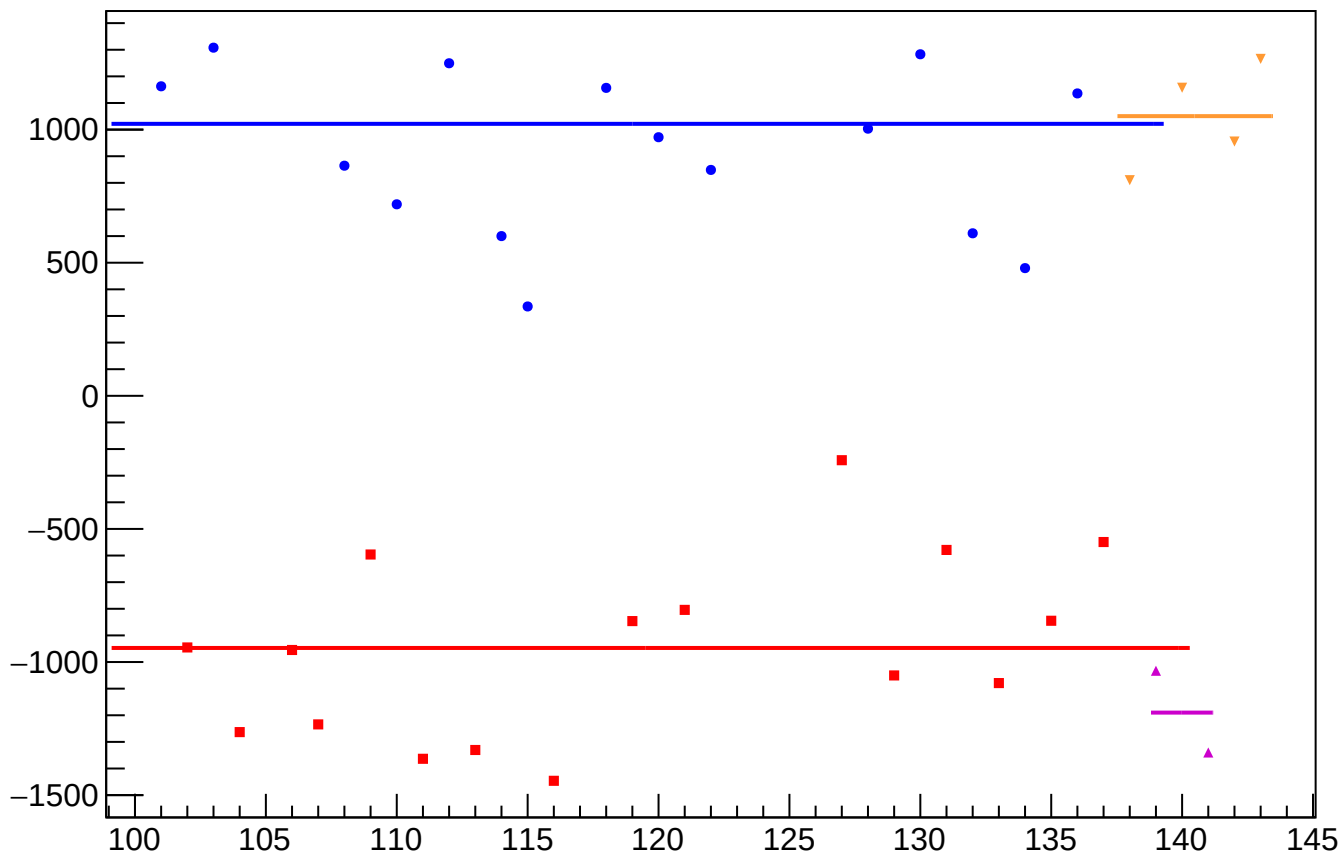
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -703.250+/-0.000 χ^2/NDF : 8289077226498809202445158903931994112.0/3
 Right Out: 3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: 769.120+/-0.000 χ^2/NDF : 49139704609512999136719098829864960.0/1

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: -256.590 +/- 0.000 χ^2/NDF : 9824617941097729997139205452464128.0/1

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



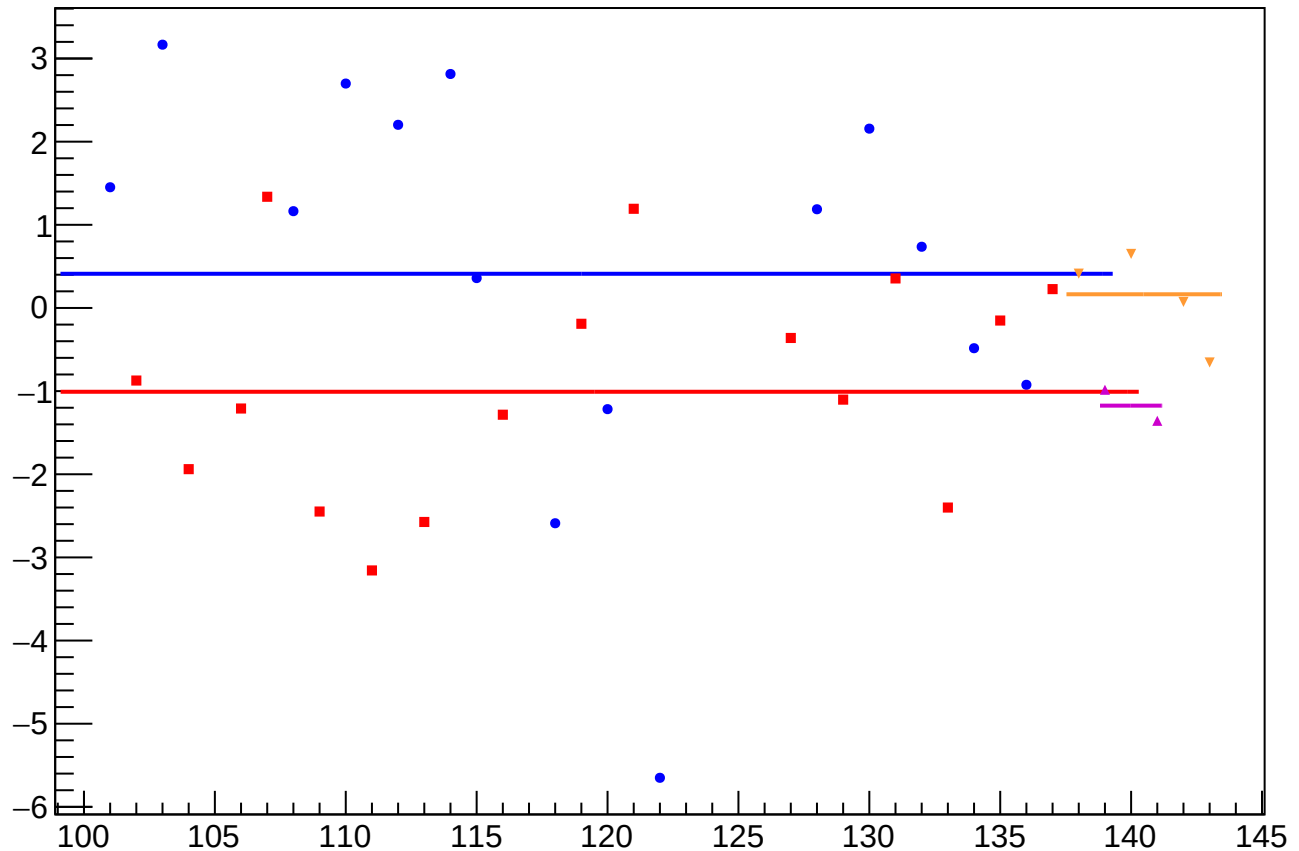
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1050.608+/-0.000 χ^2/NDF : 8967327535737024367631085602630270976.0/3

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

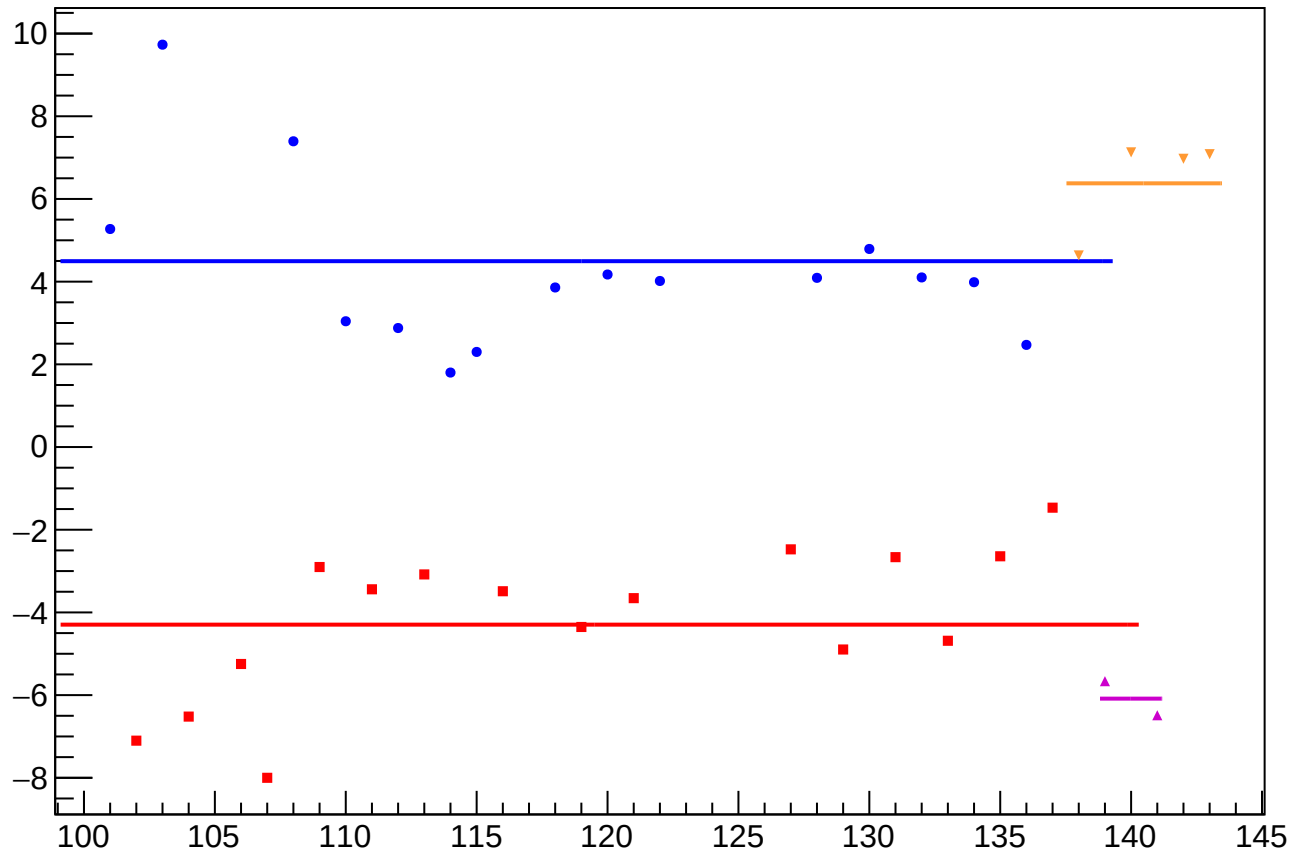
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_4aX_coil4_mean vs Slug, Sign Corrected



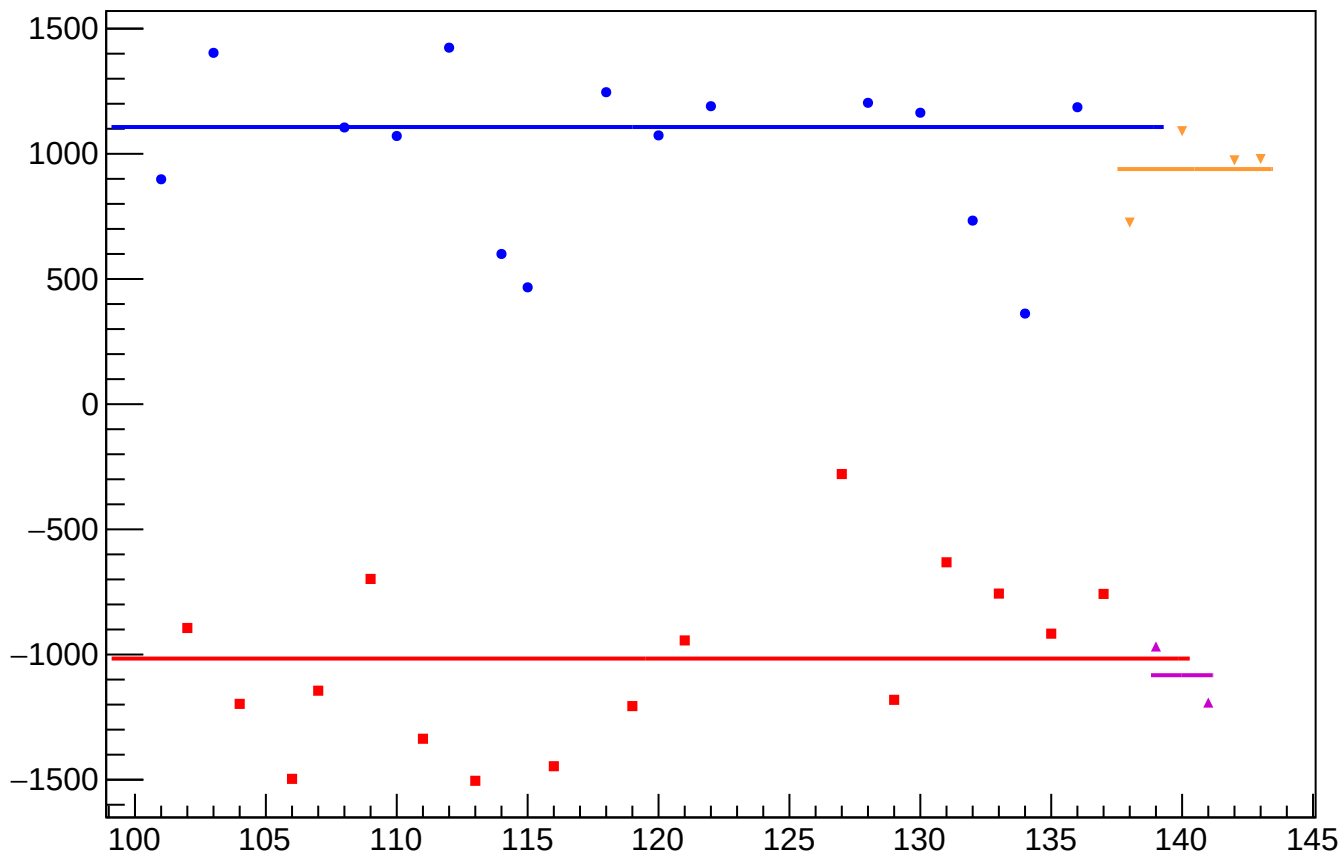
Right In: 0.411+/-0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14
 Left Out: 0.165+/-0.000 χ^2/NDF : 69568702239209849773727816876032.0/3
 Right Out: -1.008+/-0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15
 Left In: -1.175+/-0.000 χ^2/NDF : 5784167774350831410029357170688.0/1

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: -6.085+/-0.000 χ^2/NDF : 28165244022886876724027180711936.0/1

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



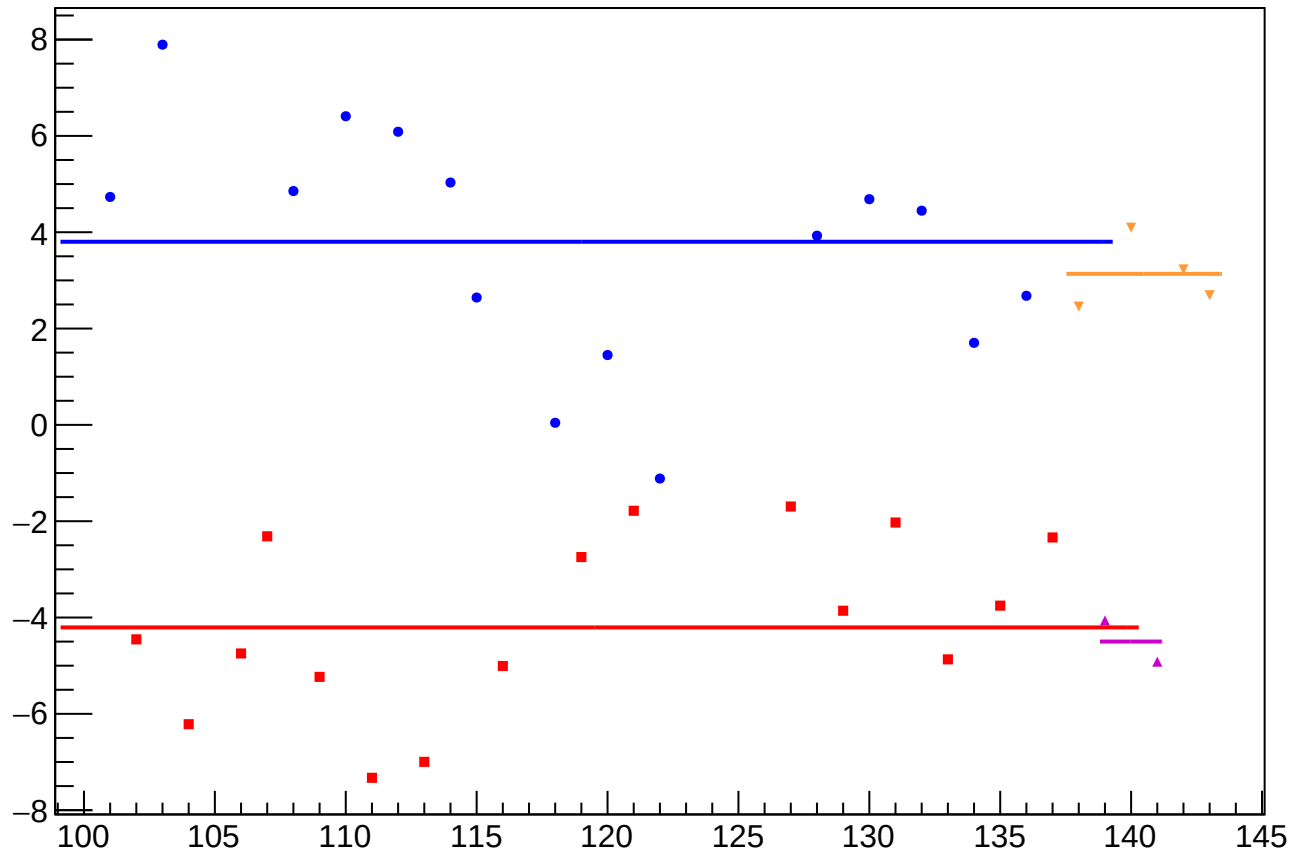
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

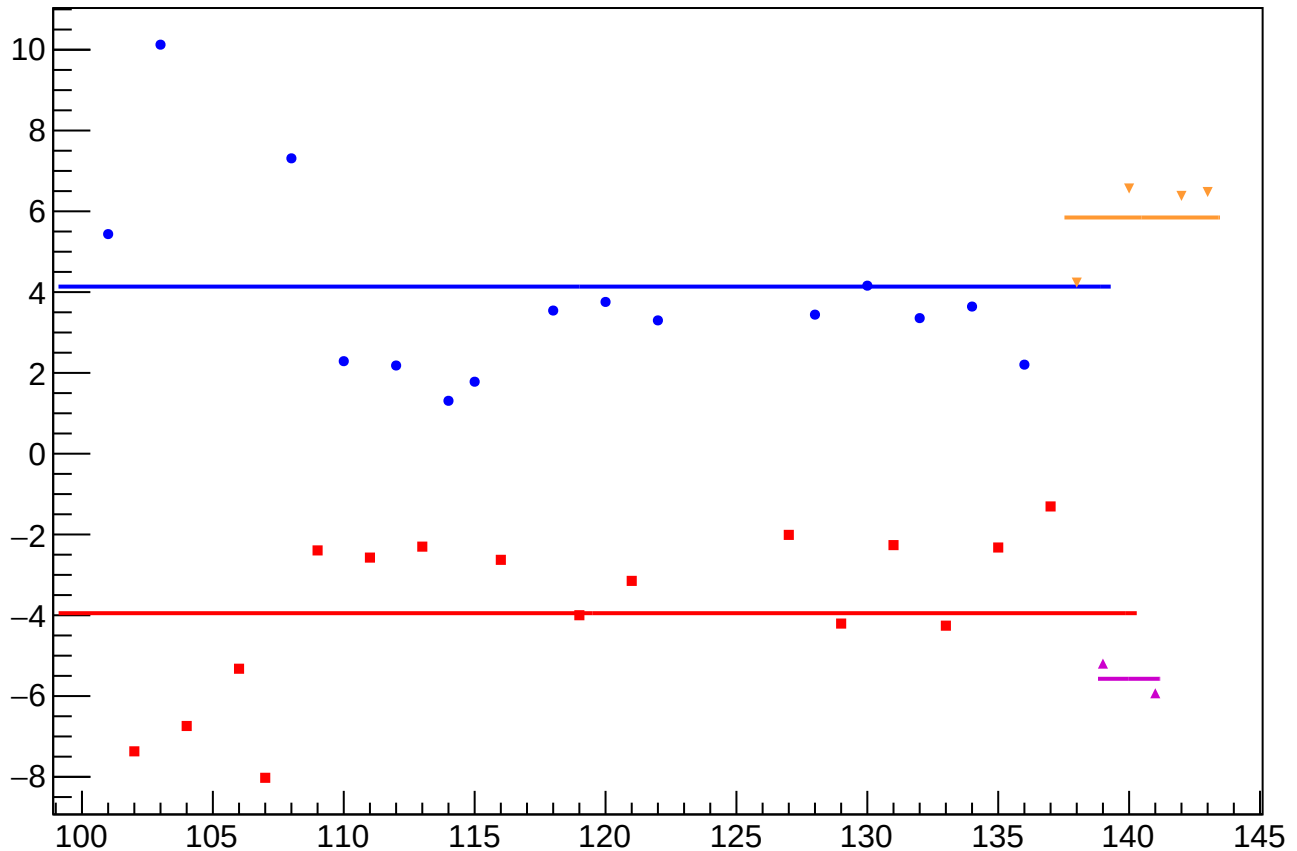
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_4eX_coil4_mean vs Slug, Sign Corrected



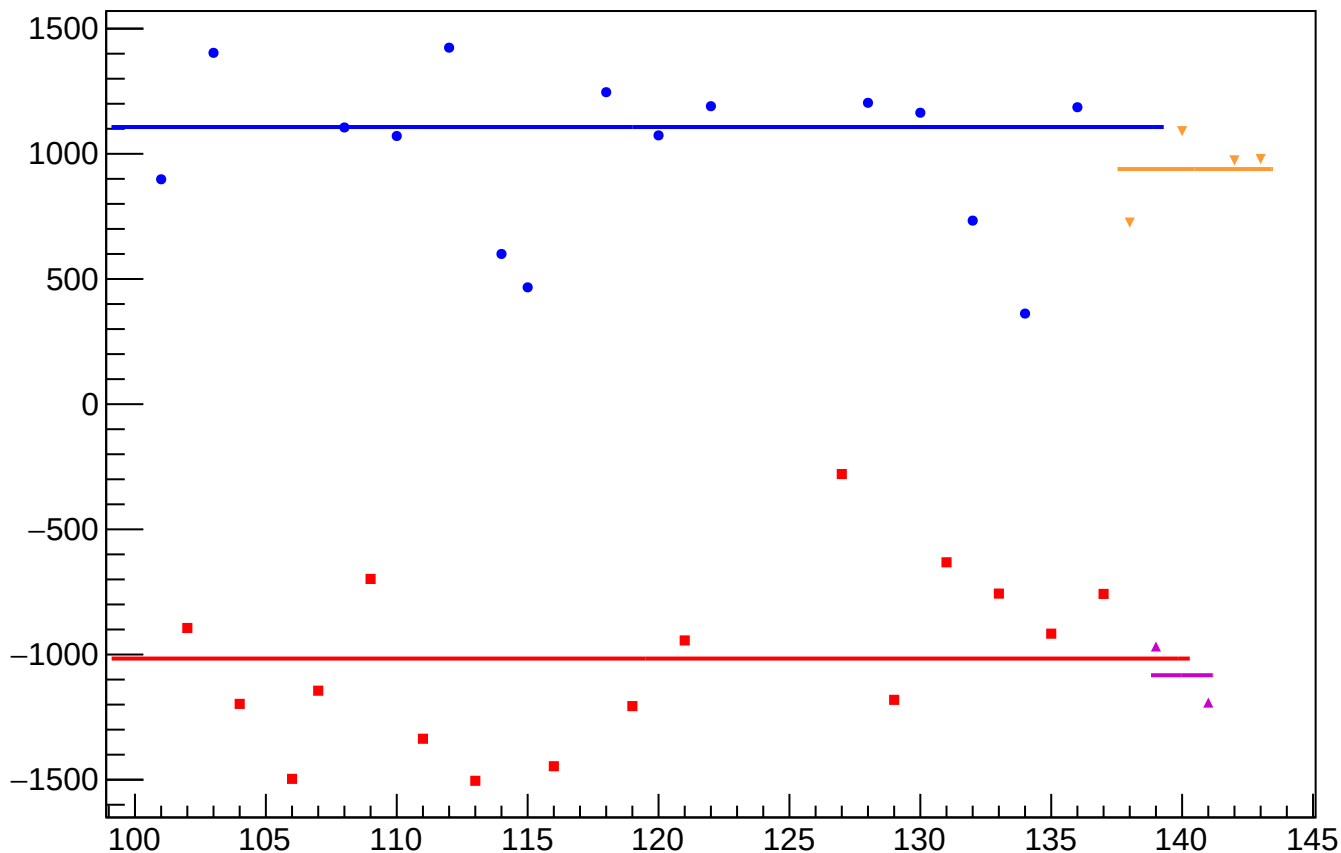
Right In: 3.802 +/- 0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 3.136 +/- 0.000 χ^2/NDF : 124854063943682639144345894125568.0/3
 Right Out: -4.206 +/- 0.000 χ^2/NDF : 2096427813341454573332265183477760.0/15
 Left In: -4.499 +/- 0.000 χ^2/NDF : 30266063171469161186735800975360.0/1

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 4.136 +/- 0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 5.847 +/- 0.000 χ^2/NDF : 284770727700676469718686940266496.0/3
 Right Out: -3.948 +/- 0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: -5.572 +/- 0.000 χ^2/NDF : 22354791984463452796402190516224.0/1

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



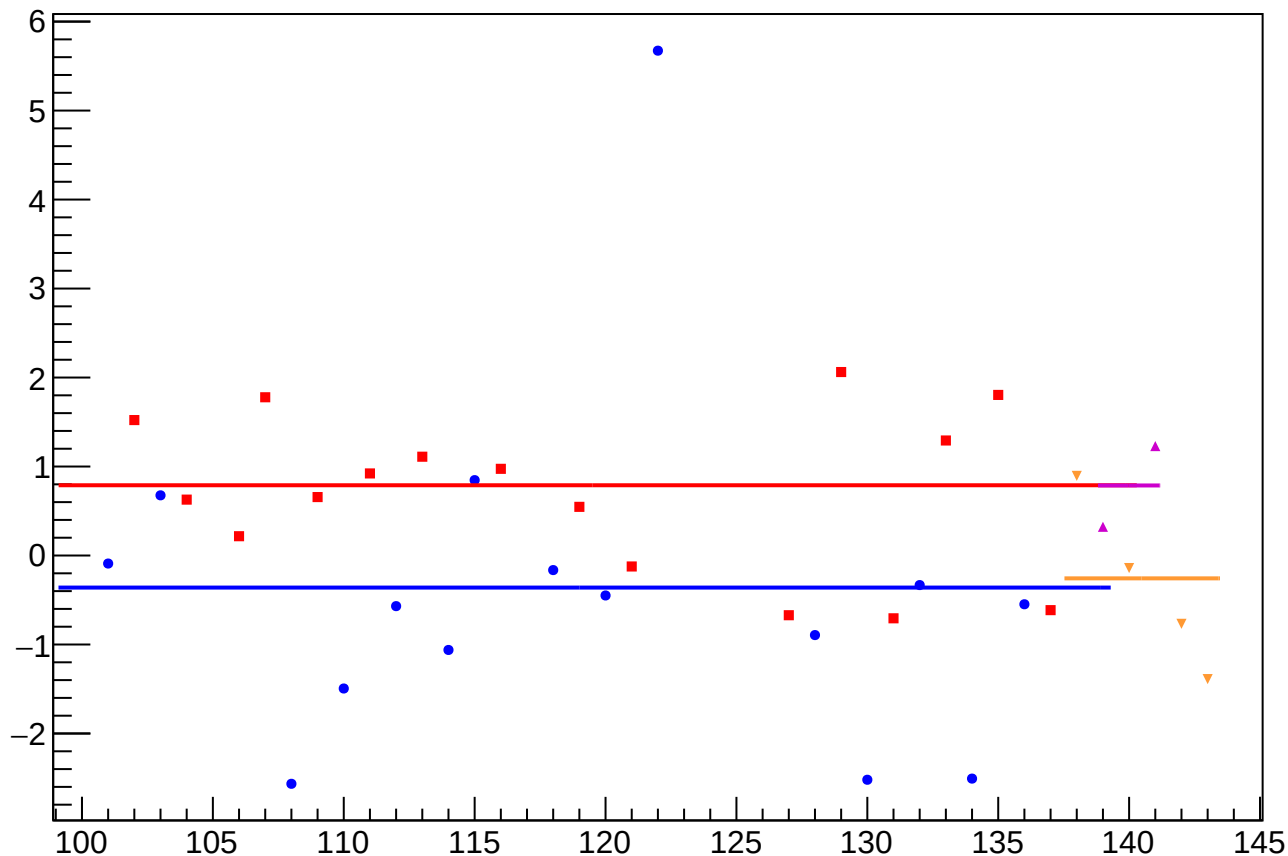
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150 ± 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

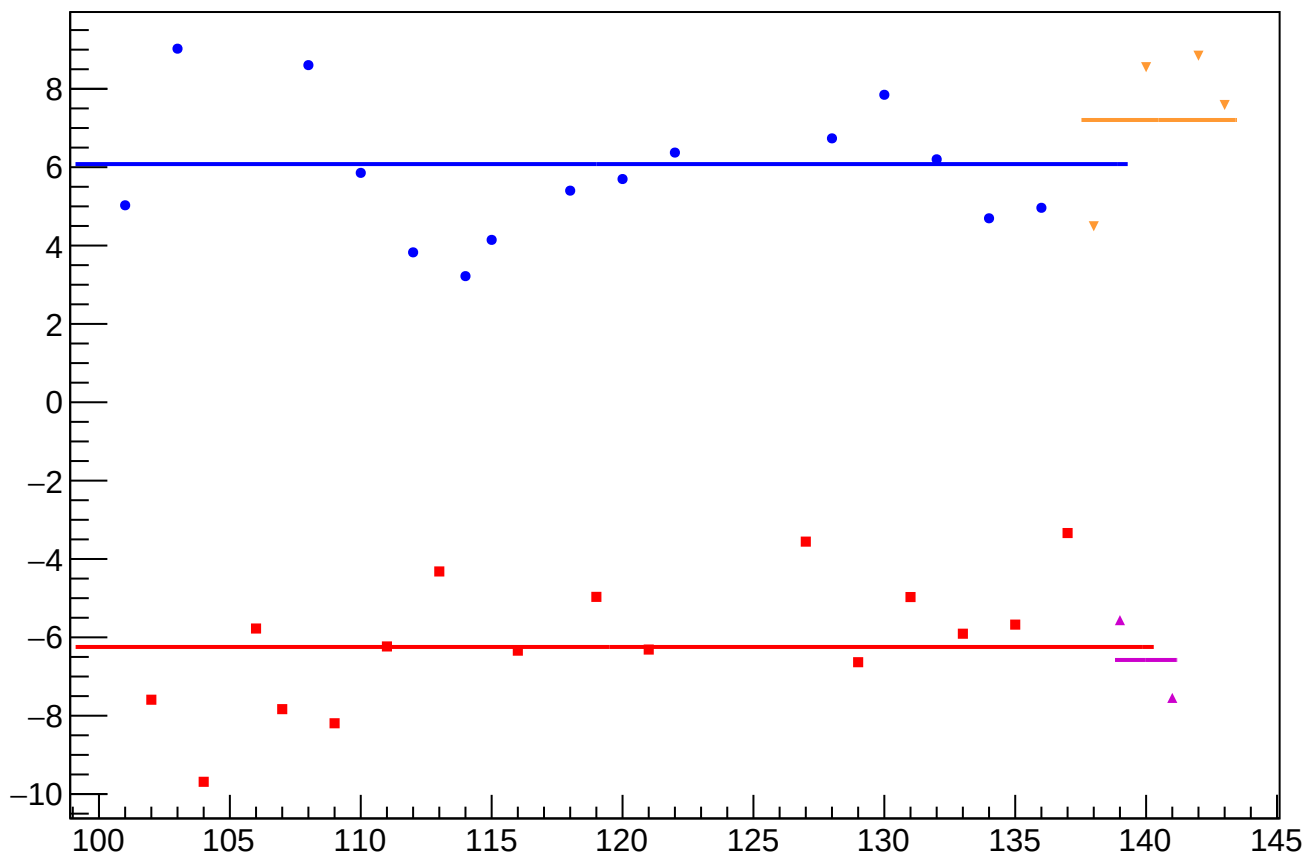
Left In: -1082.578 ± 0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_11X12X_coil4_mean vs Slug, Sign Corrected



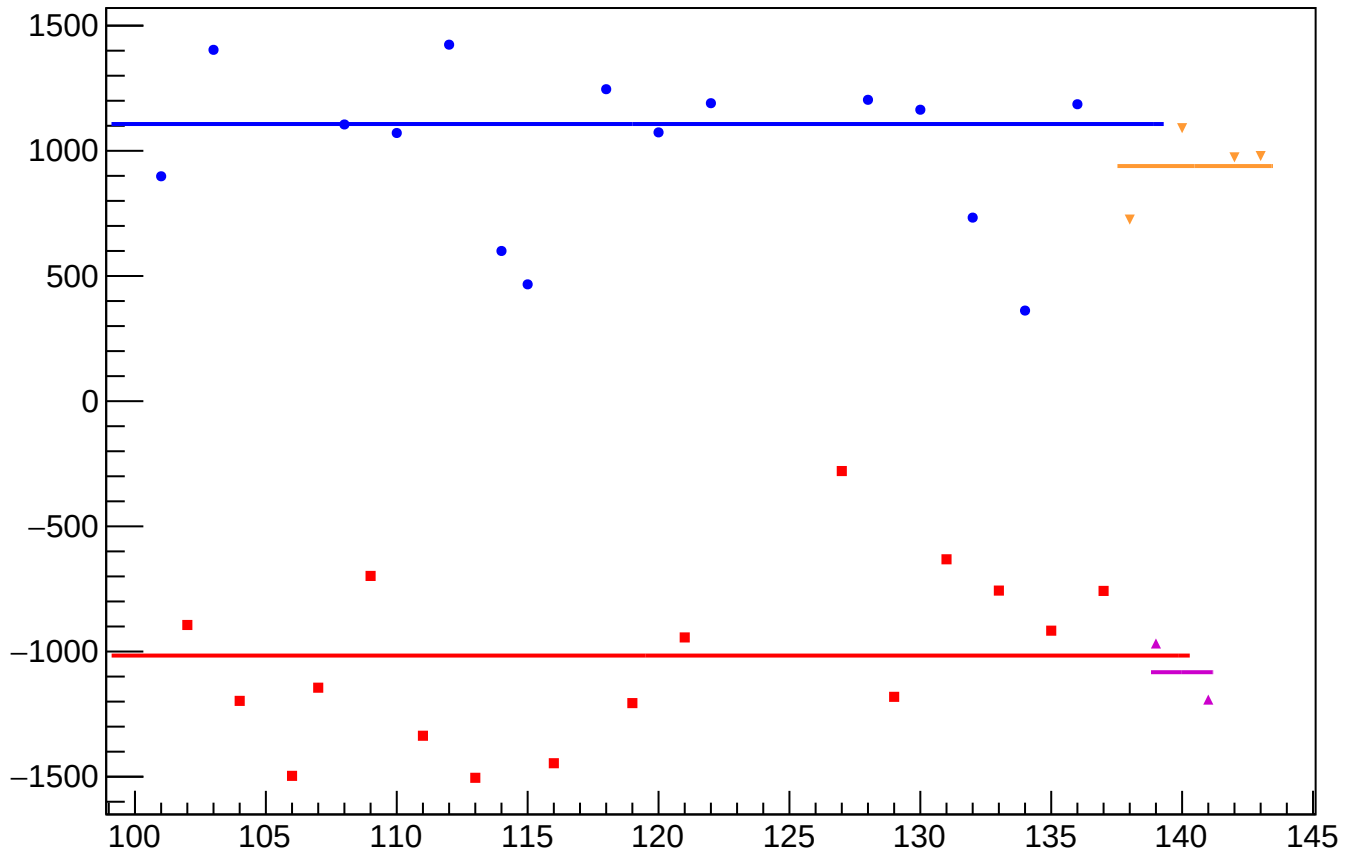
Right In: -0.360 ± 0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14
 Left Out: -0.257 ± 0.000 χ^2/NDF : 202420570215638634254636511395840.0/3
 Right Out: 0.790 ± 0.000 χ^2/NDF : 463078369073343959803422903894016.0/15
 Left In: 0.787 ± 0.000 χ^2/NDF : 34100433287094279445688463917056.0/1

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 6.079 ± 0.000 $\chi^2/\text{NDF}: 1590295171022705157509900448825344.0/14$
 Left Out: 7.205 ± 0.000 $\chi^2/\text{NDF}: 856539831613280073836409479233536.0/3$
 Right Out: -6.245 ± 0.000 $\chi^2/\text{NDF}: 1816529163105006938510976985595904.0/15$
 Left In: -6.577 ± 0.000 $\chi^2/\text{NDF}: 163306960573870160974558311481344.0/1$

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



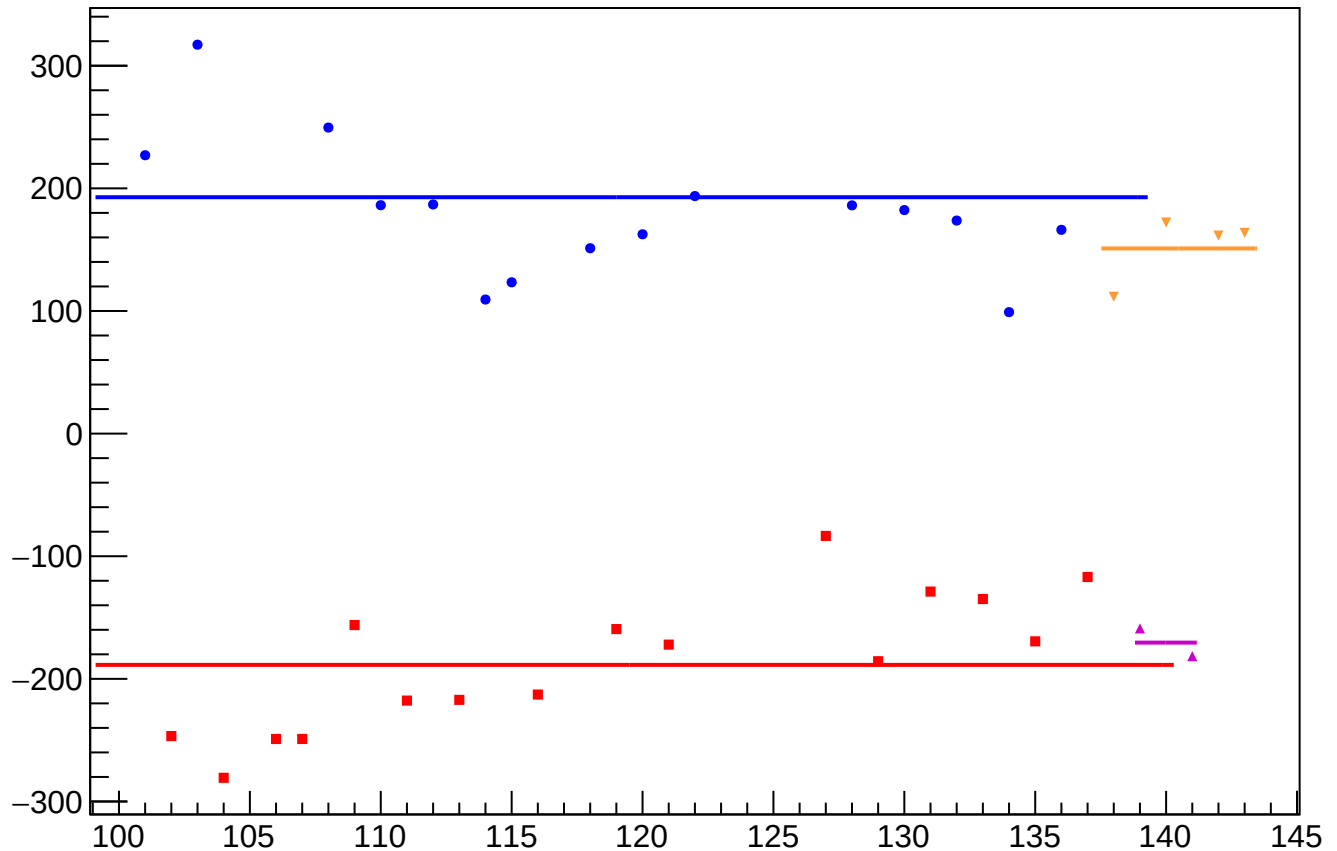
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

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: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_4aY_coil4_mean vs Slug, Sign Corrected



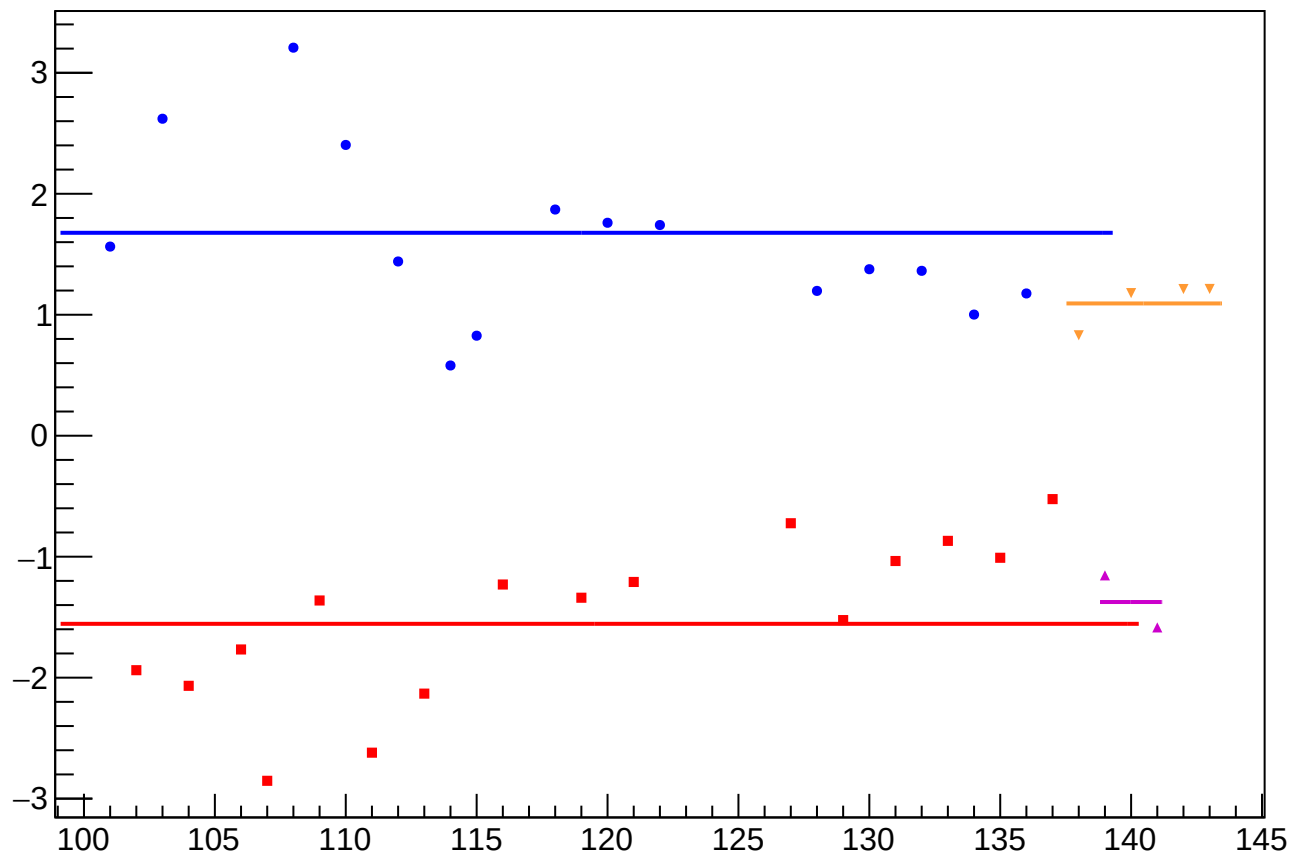
Right In: 192.771 +/- 0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 150.989 +/- 0.000 χ^2/NDF : 173595742651217062142186361836273664.0/3

Right Out: -188.612 +/- 0.000 χ^2/NDF : 1922342257287674563344204730019610624.0/15

Left In: -170.441 +/- 0.000 χ^2/NDF : 21269250888931229133718181891801088.0/1

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



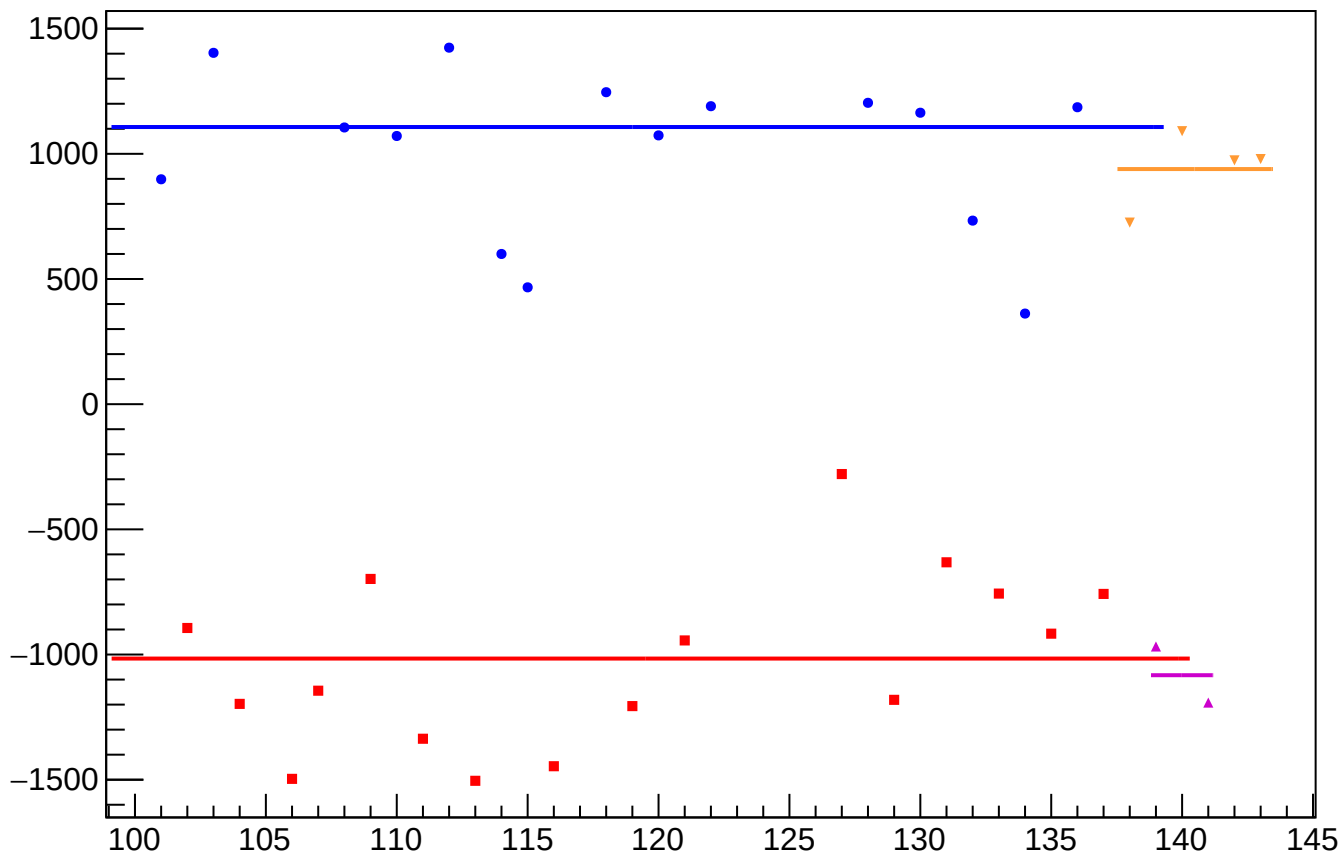
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

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: -1.375 $\pm$ 0.000 χ^2 /NDF: 7674502016780507354813526179840.0/1

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



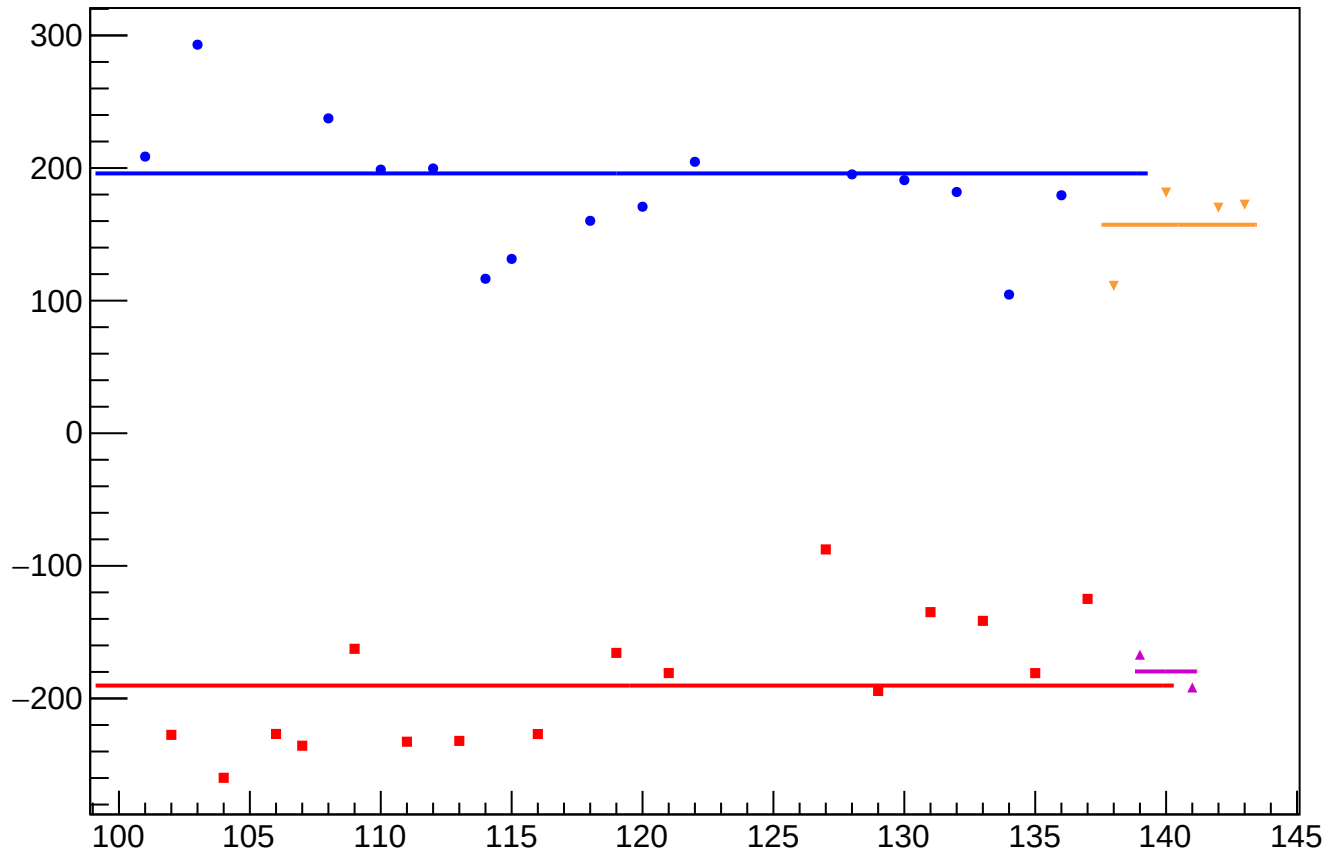
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

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: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_4eY_coil4_mean vs Slug, Sign Corrected



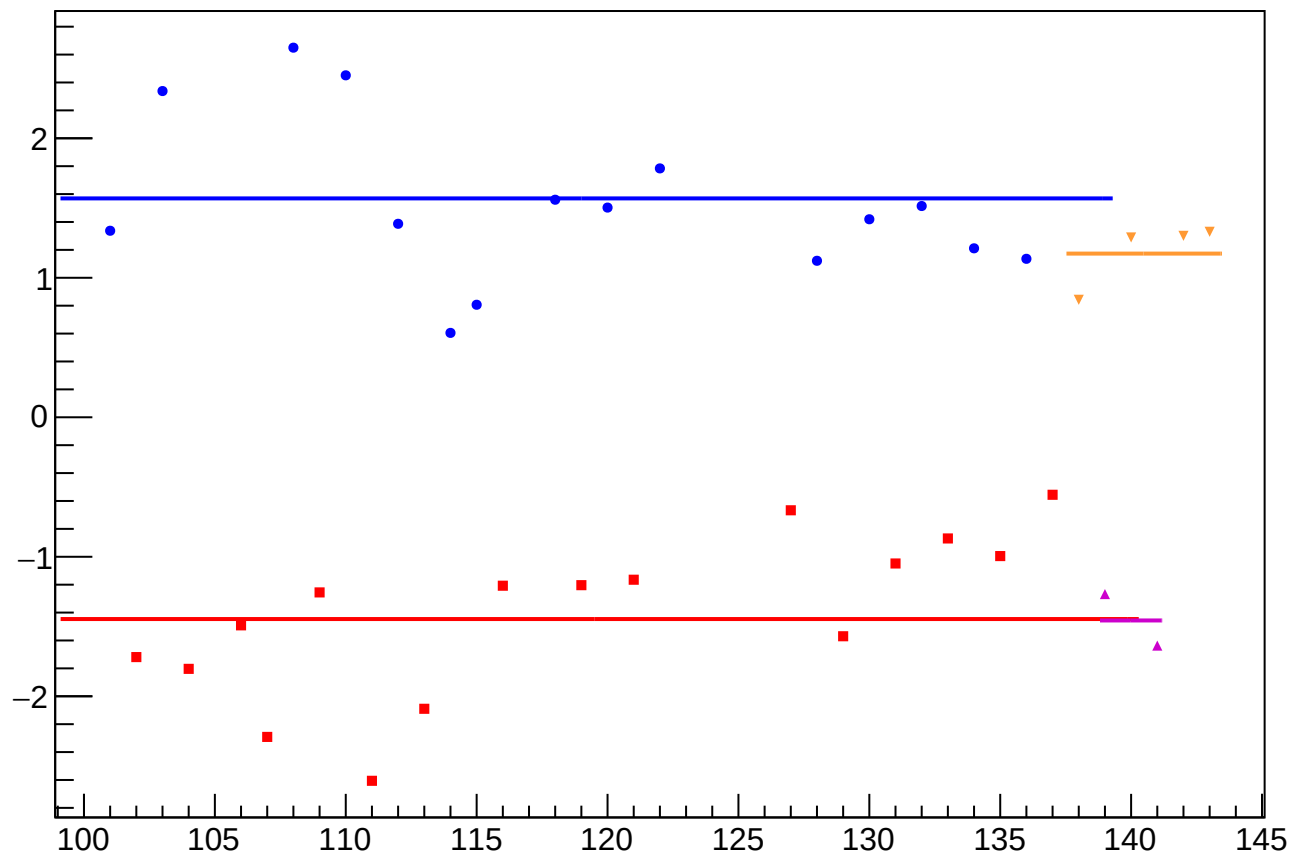
Right In: 195.940 $\pm$ 0.000 χ^2/NDF : 1057891079869089572370479093183938560.0/14

Left Out: 157.226 $\pm$ 0.000 χ^2/NDF : 236967116488640067242739915846320128.0/3

Right Out: -190.268 $\pm$ 0.000 χ^2/NDF : 1468473073667973330267084234323656704.0/15

Left In: -179.632 $\pm$ 0.000 χ^2/NDF : 25318804149879436250997694117445632.0/1

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



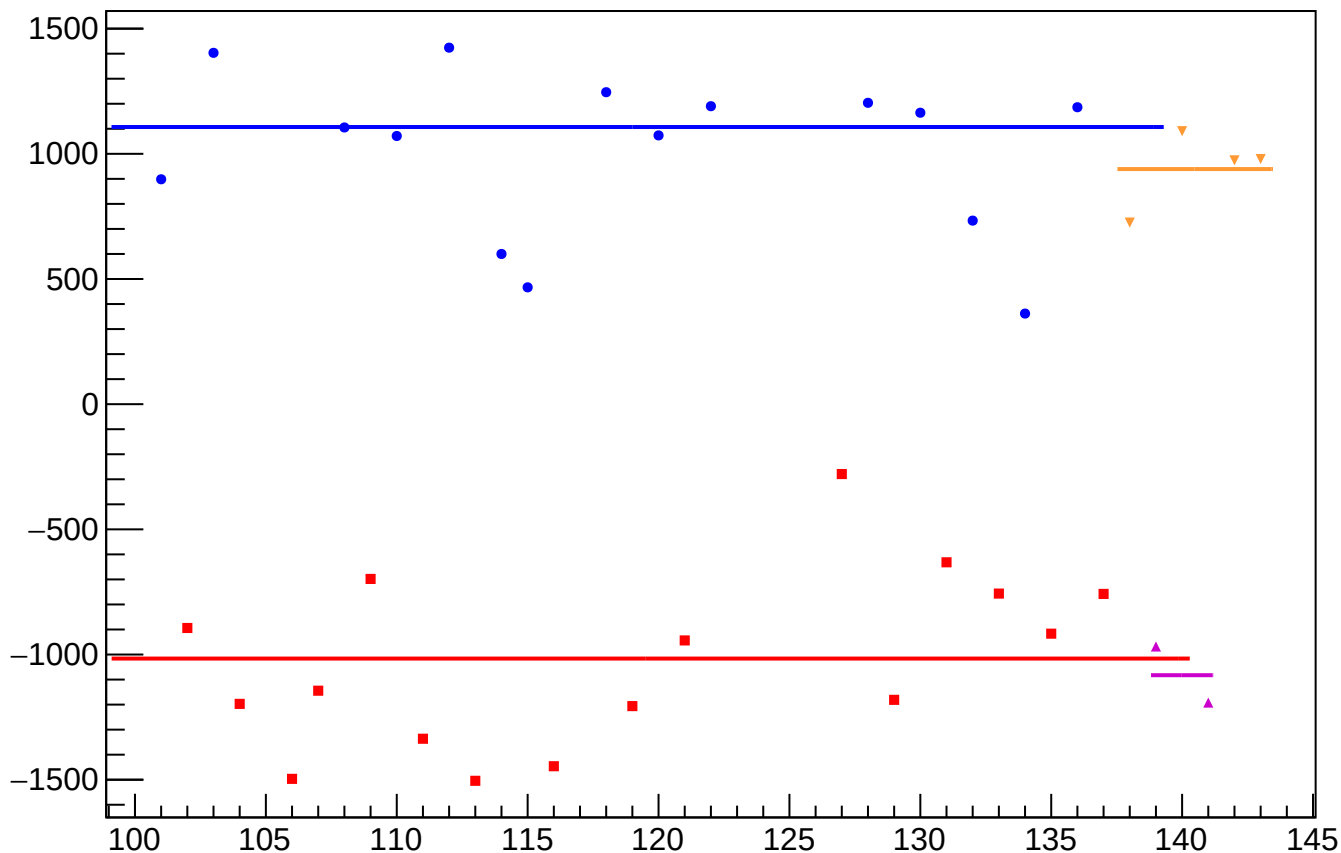
Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.173+/-0.000 χ^2/NDF : 12032967383377170206819209969664.0/3

Right Out: -1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

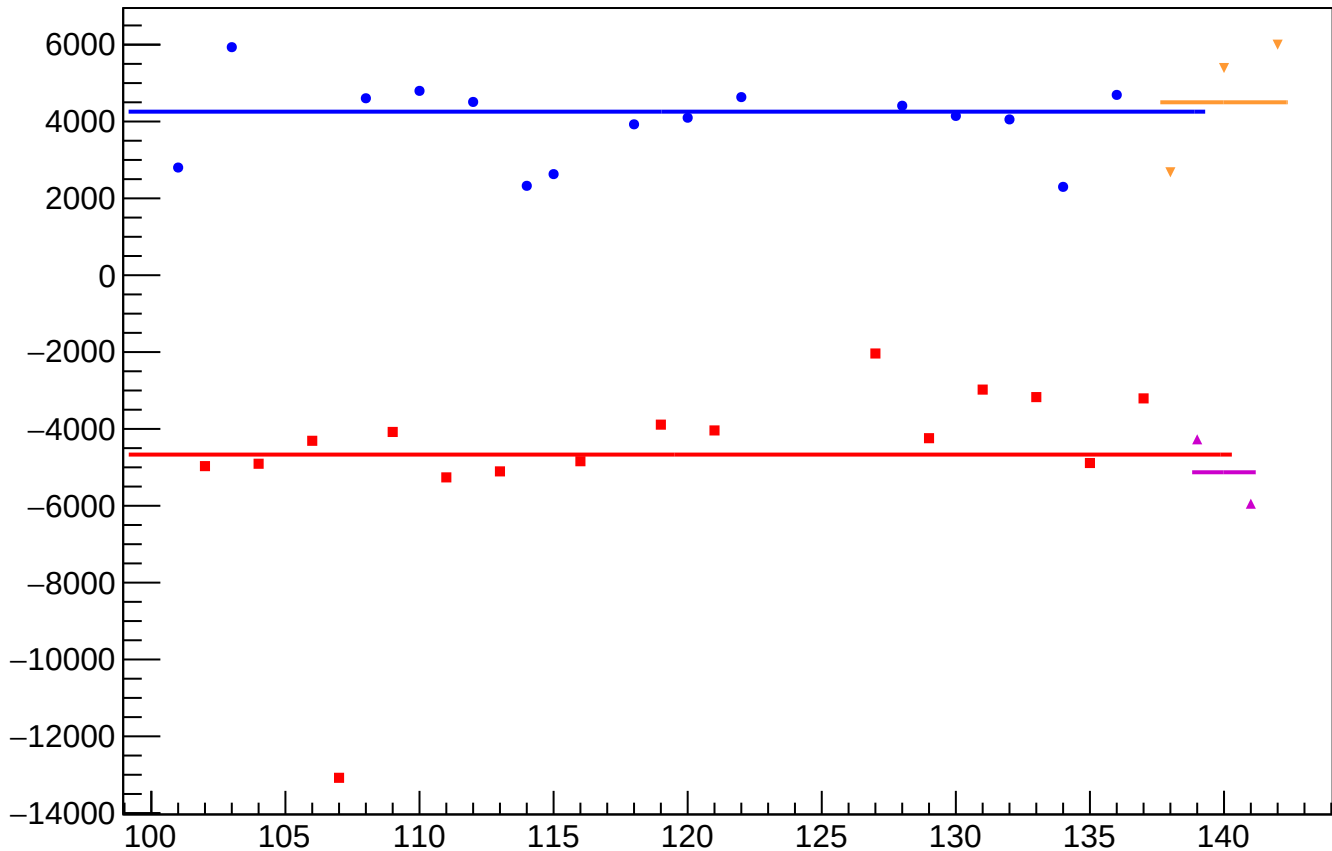
Left In: -1.457+/-0.000 χ^2/NDF : 5655312385778462718939092746240.0/1

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



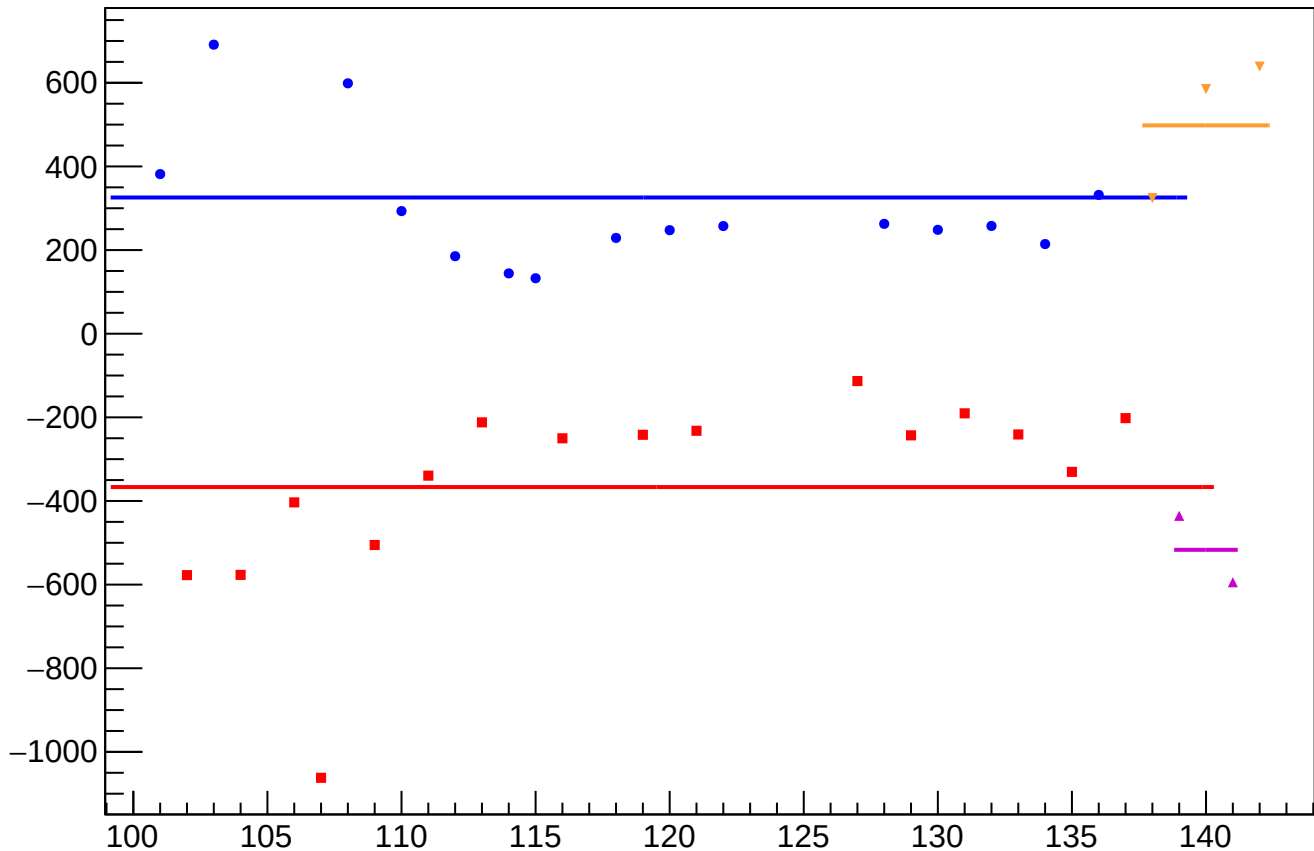
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 939.150 +/- 0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578 +/- 0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

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: -5128.173+/-0.000 χ^2/NDF : 116455262901187690350771363870521950208.0/1

dit_usl_coil4_err_mean vs Slug, Sign Corrected



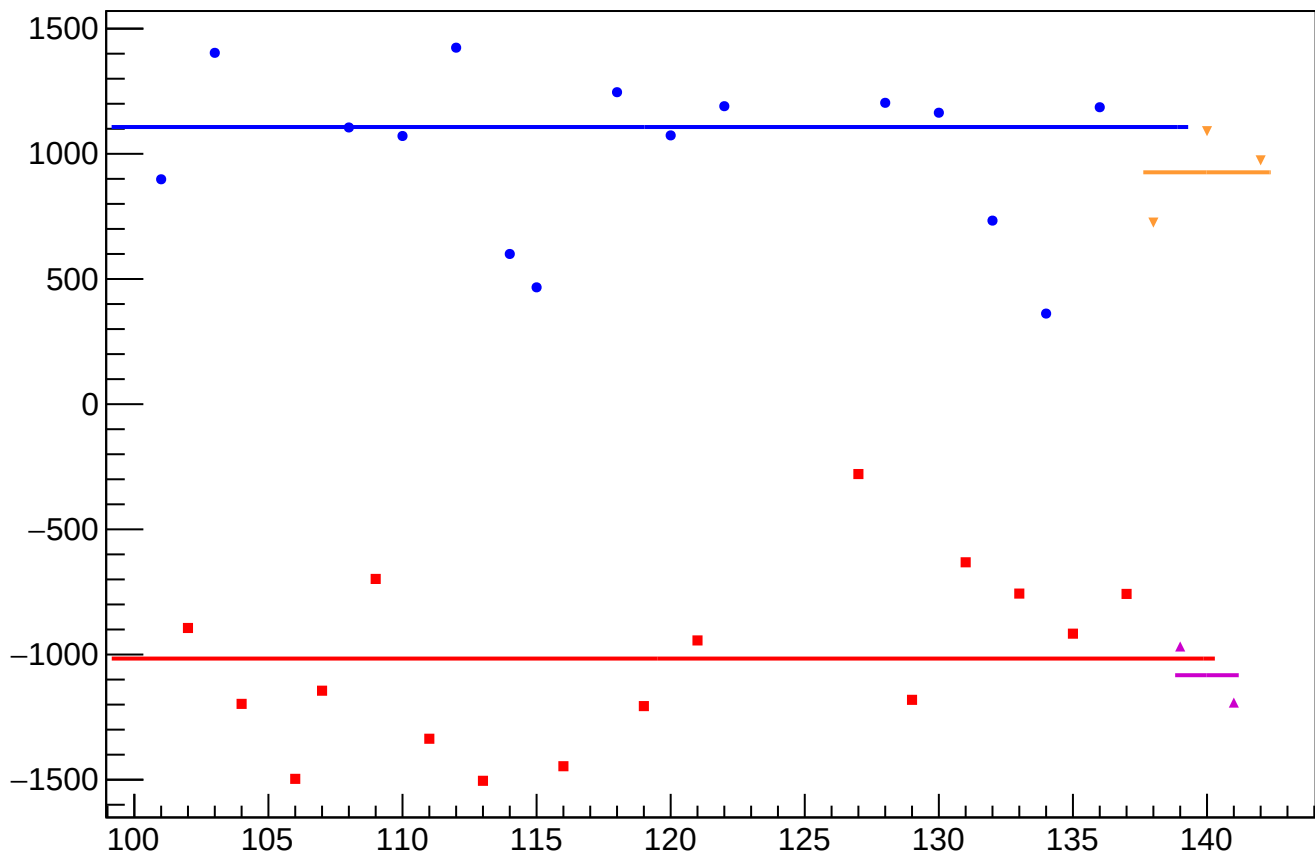
Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

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: -516.805+/-0.000 χ^2/NDF : 1046623899429148695792299113600516096.0/1

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



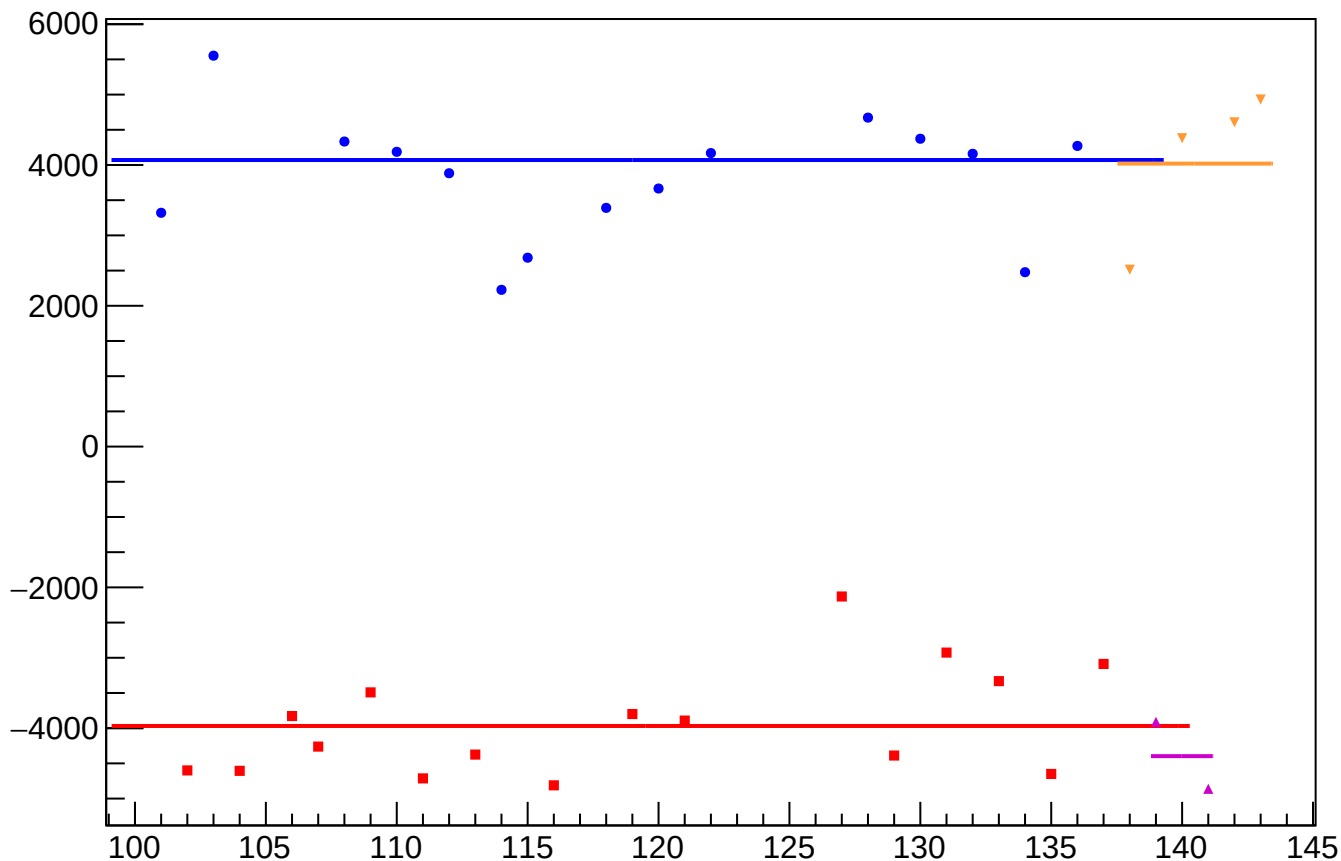
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

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: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_usr_coil4_mean vs Slug, Sign Corrected



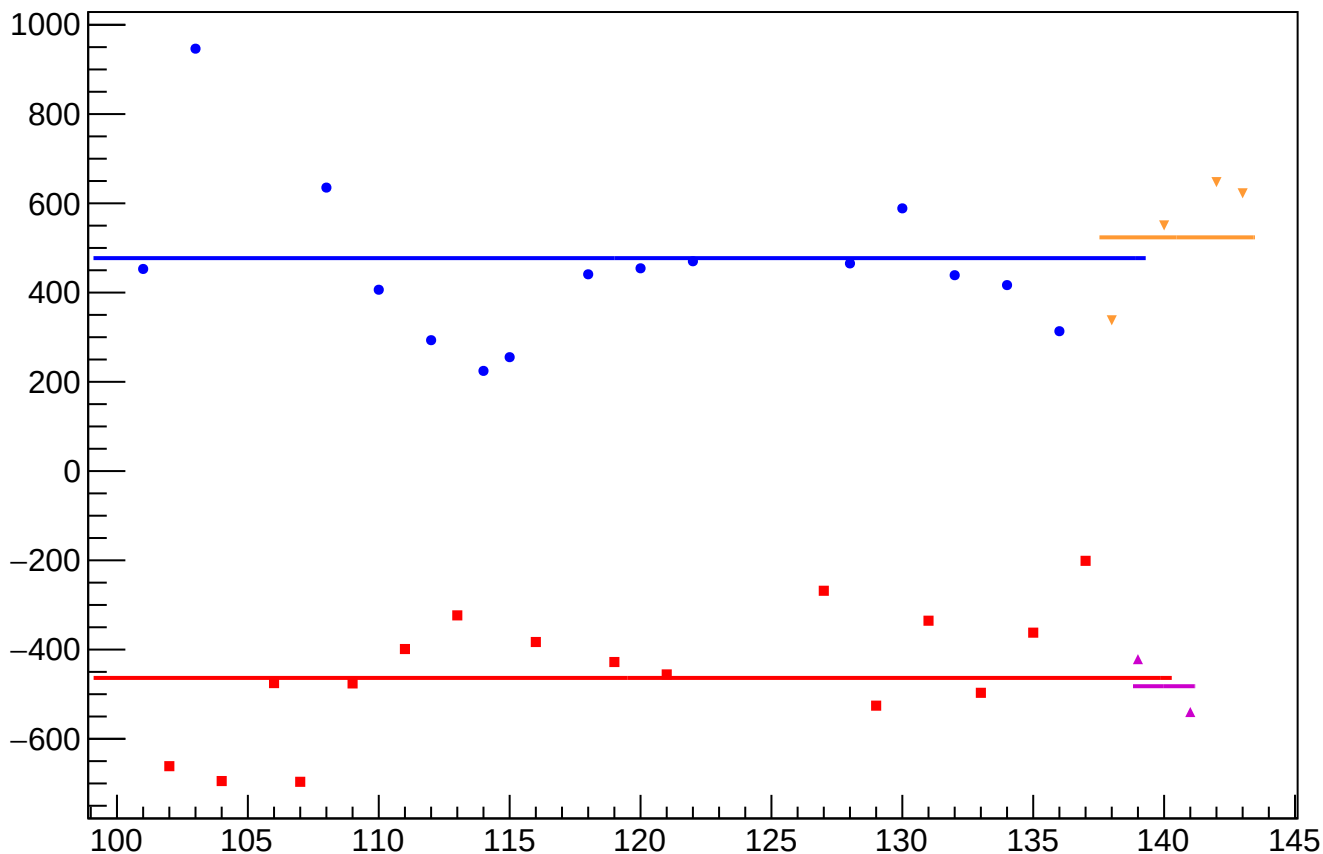
Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14

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: -4397.214+/-0.000 χ^2/NDF : 37490080726832737663825079462761857024.0/1

dit_usr_coil4_err_mean vs Slug, Sign Corrected



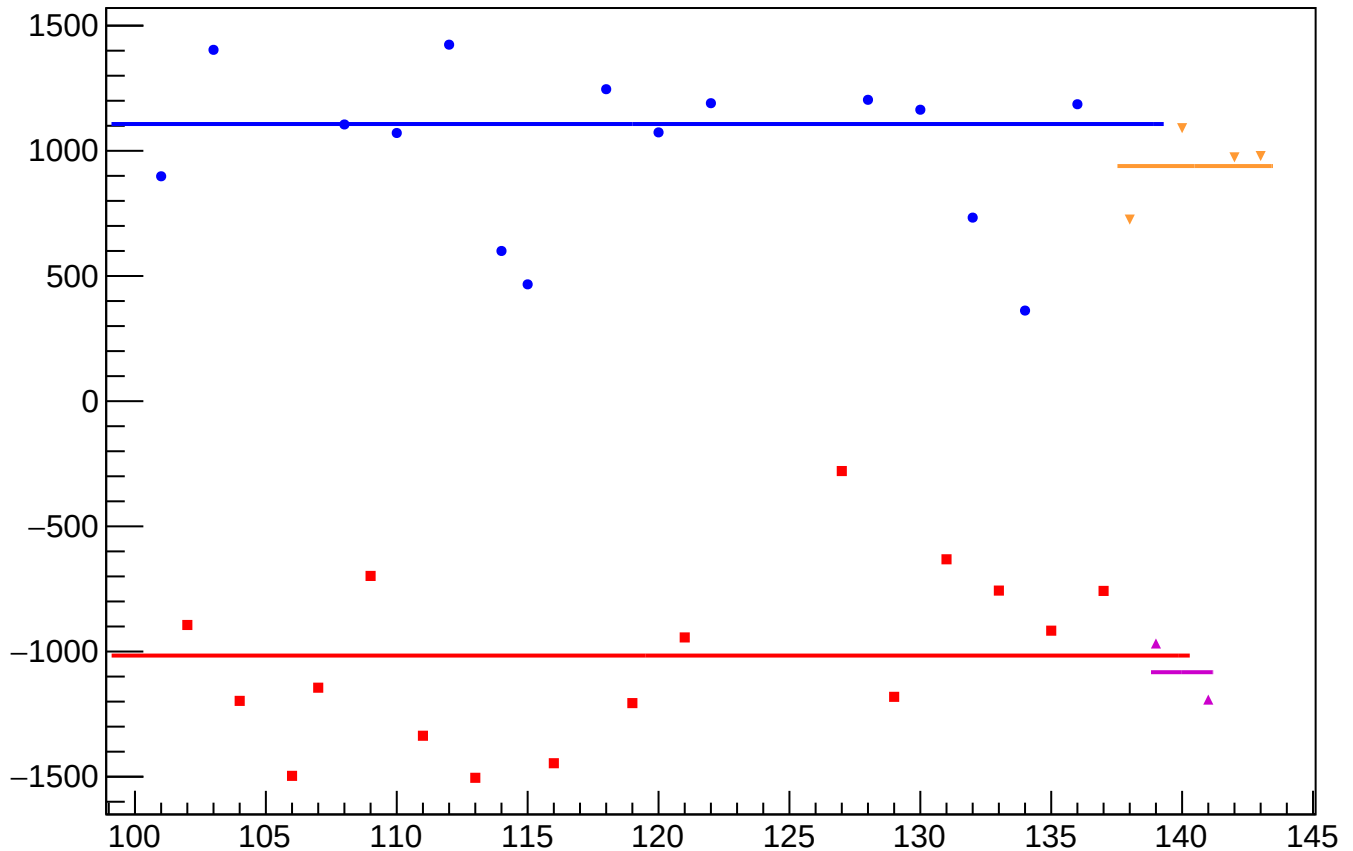
Right In: 477.186+/-0.000 χ^2/NDF : 204557199317583799978892605184974782464.0/14

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: -482.107+/-0.000 χ^2/NDF : 582207873395172478913456786496290816.0/1

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



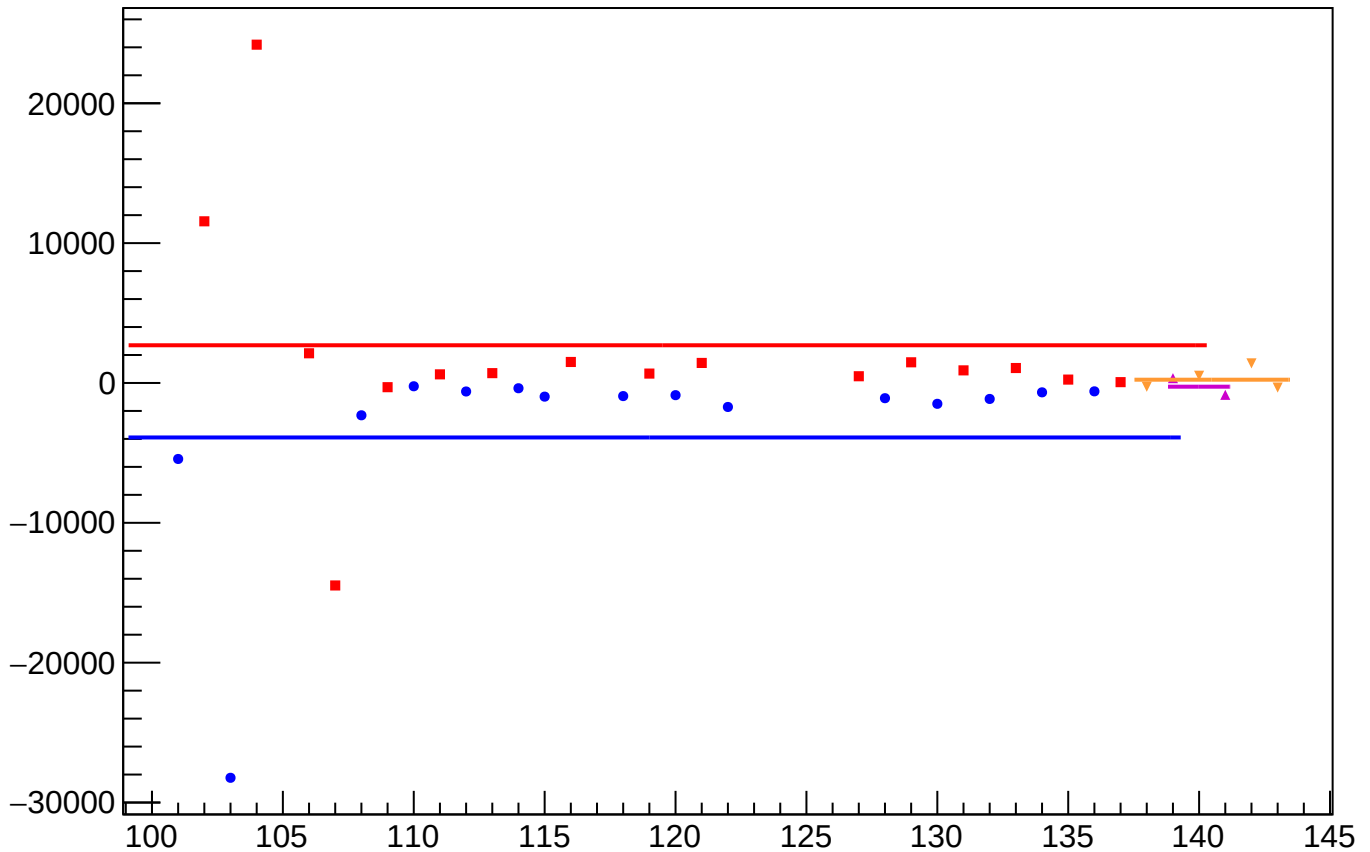
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

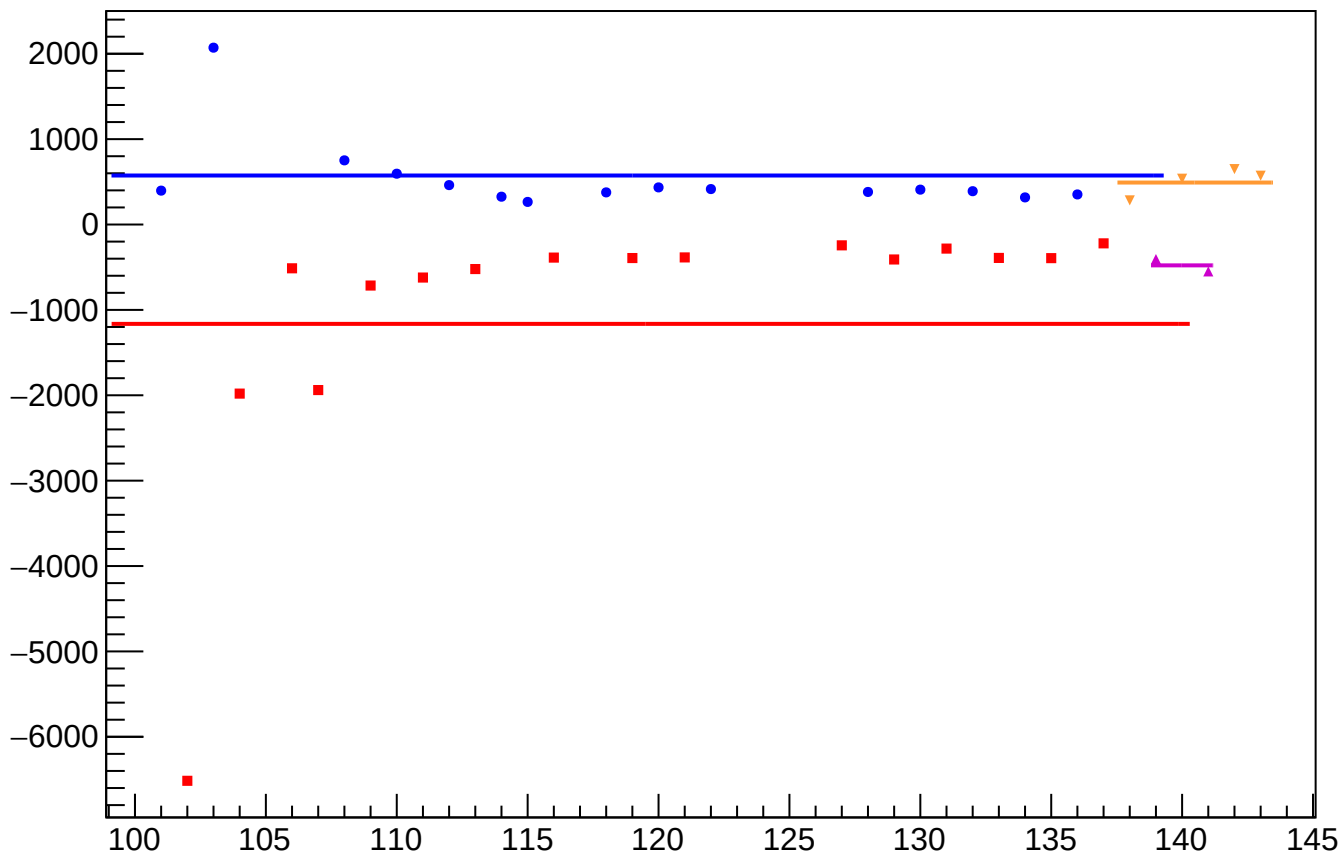
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

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: -265.798 ± 0.000 χ^2/NDF : 58840483577230519553056083445731557376.0/1

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



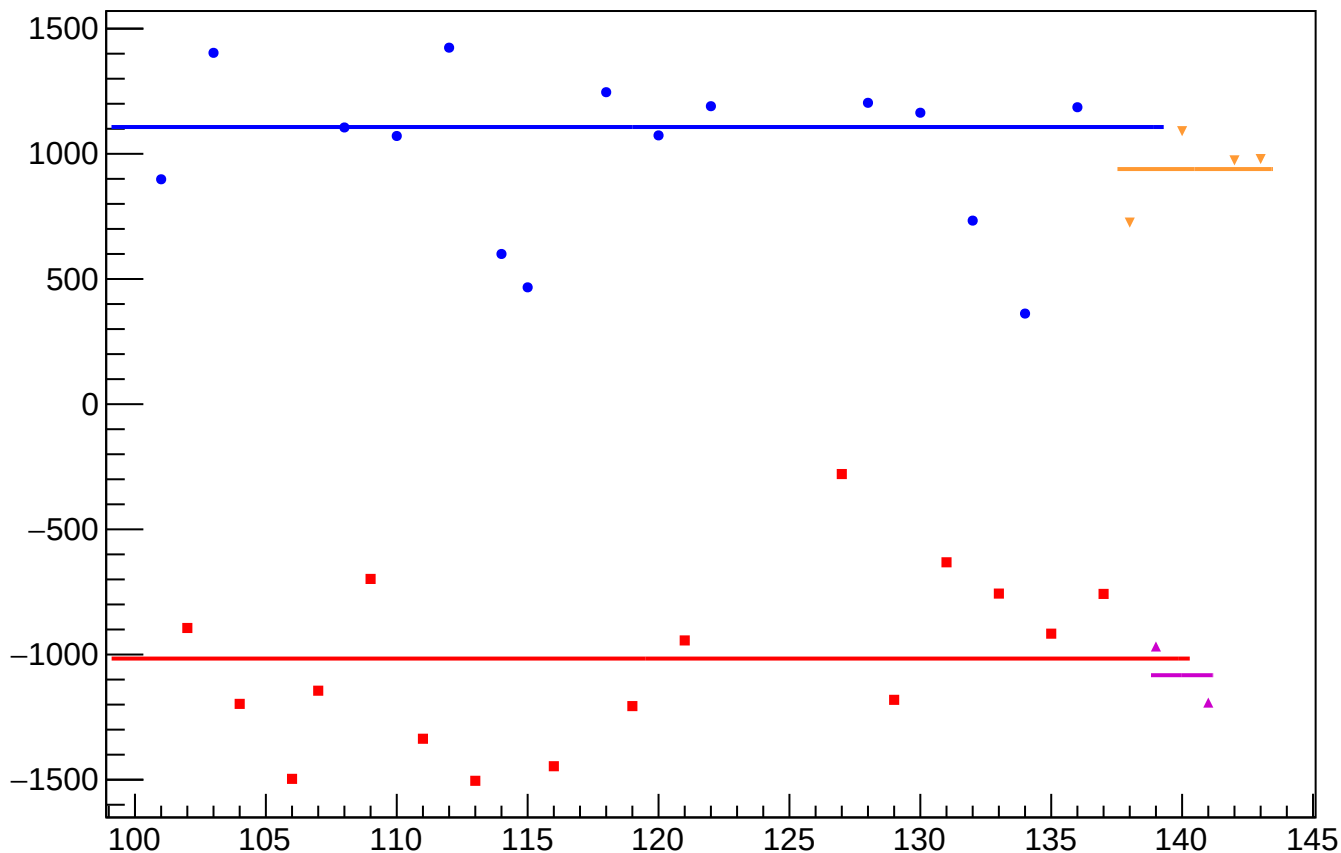
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

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: -478.430+/-0.000 χ^2/NDF : 866669819364960689156296399298494464.0/1

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



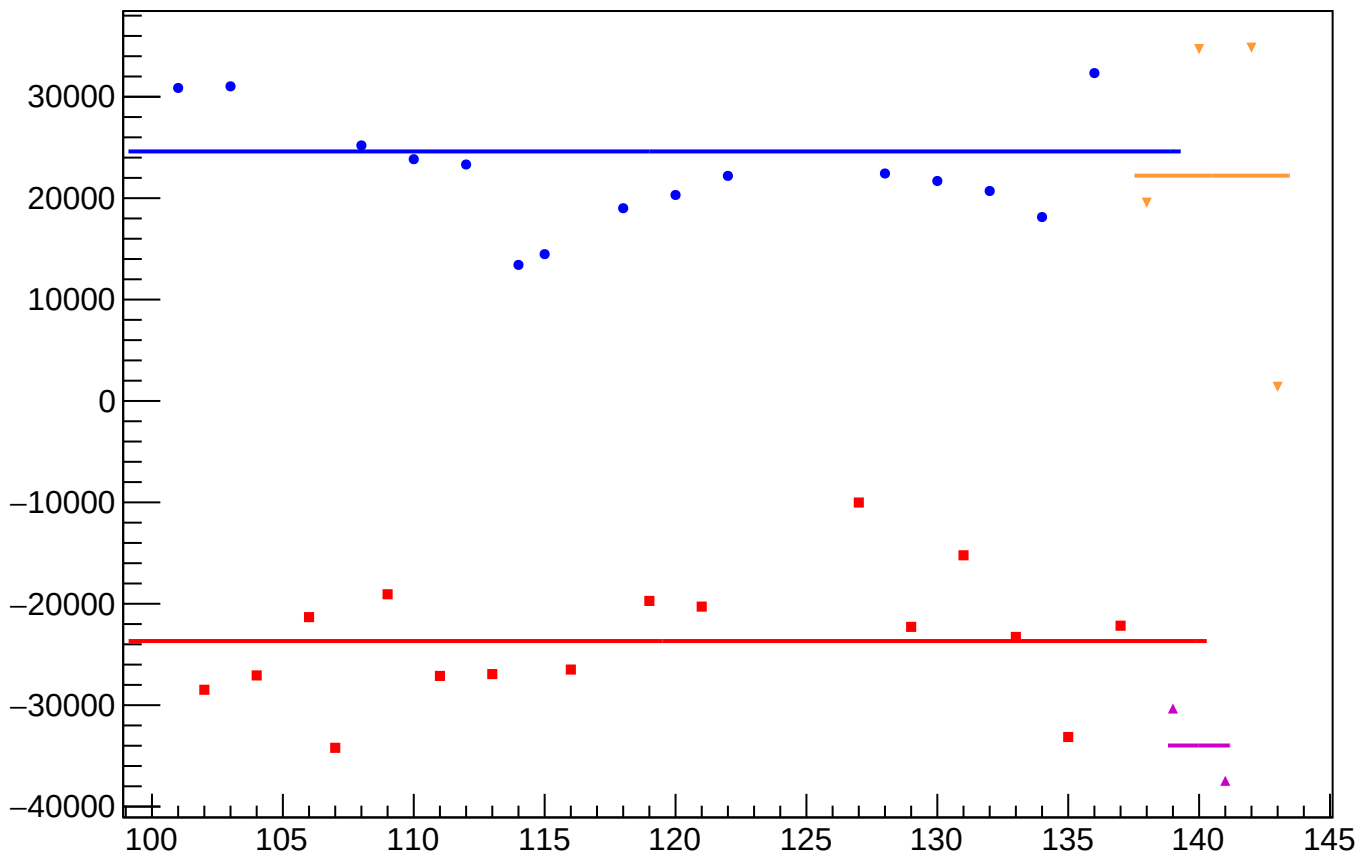
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

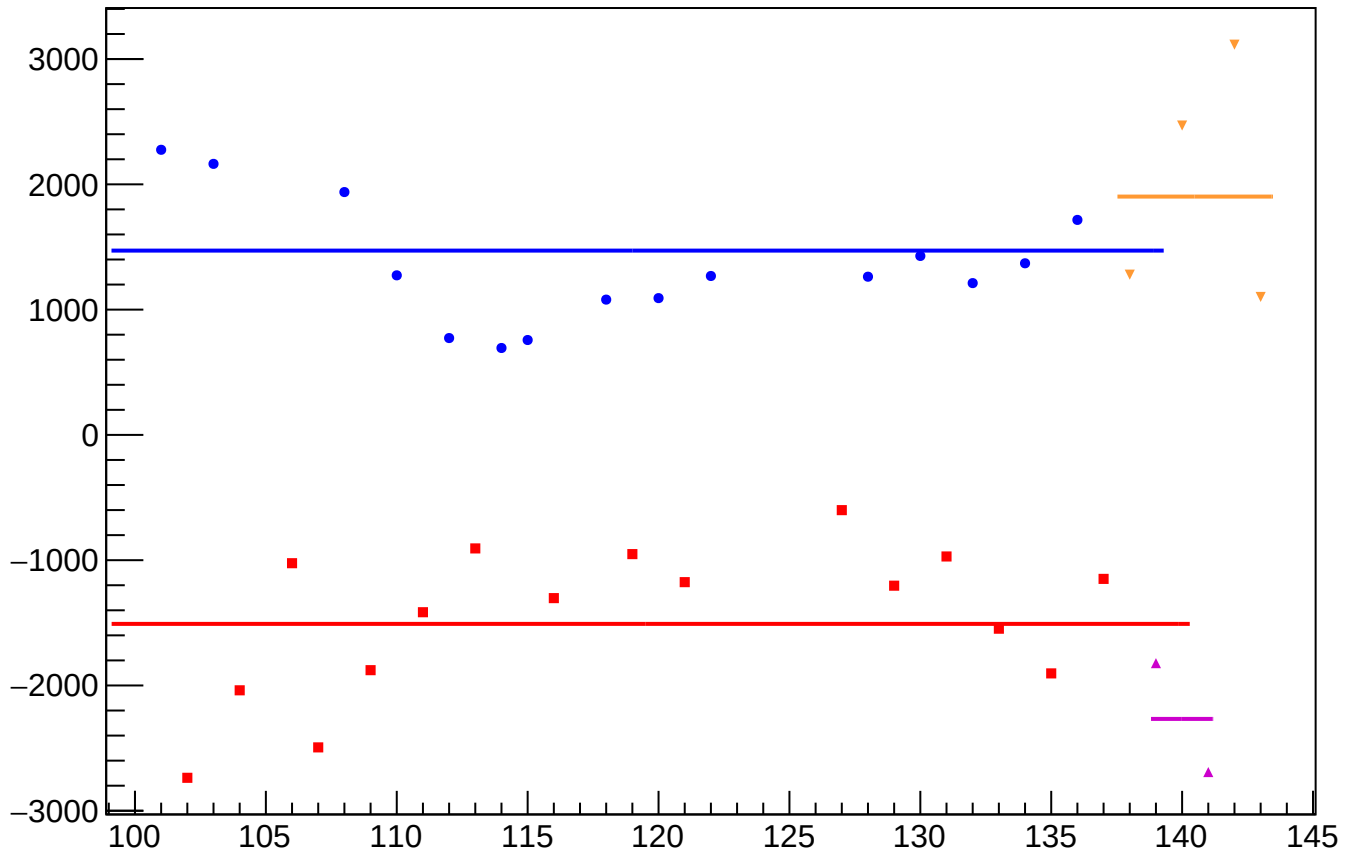
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

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: -33978.011+/-0.000 χ^2/NDF : 2110042771633006072106264331150449180672.0/1

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



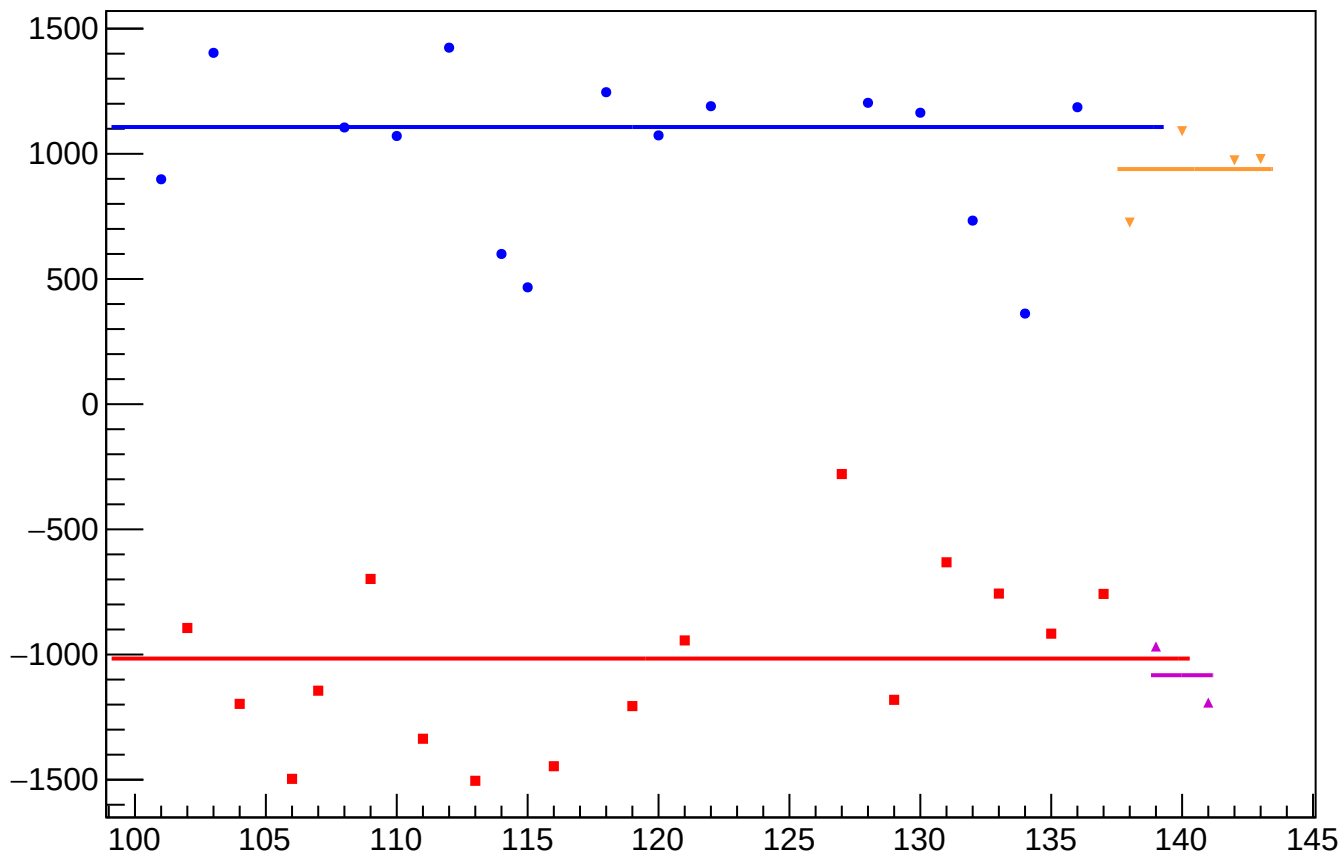
Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

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: -2266.965+/-0.000 χ^2/NDF : 31342120143856954622447614953487597568.0/1

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



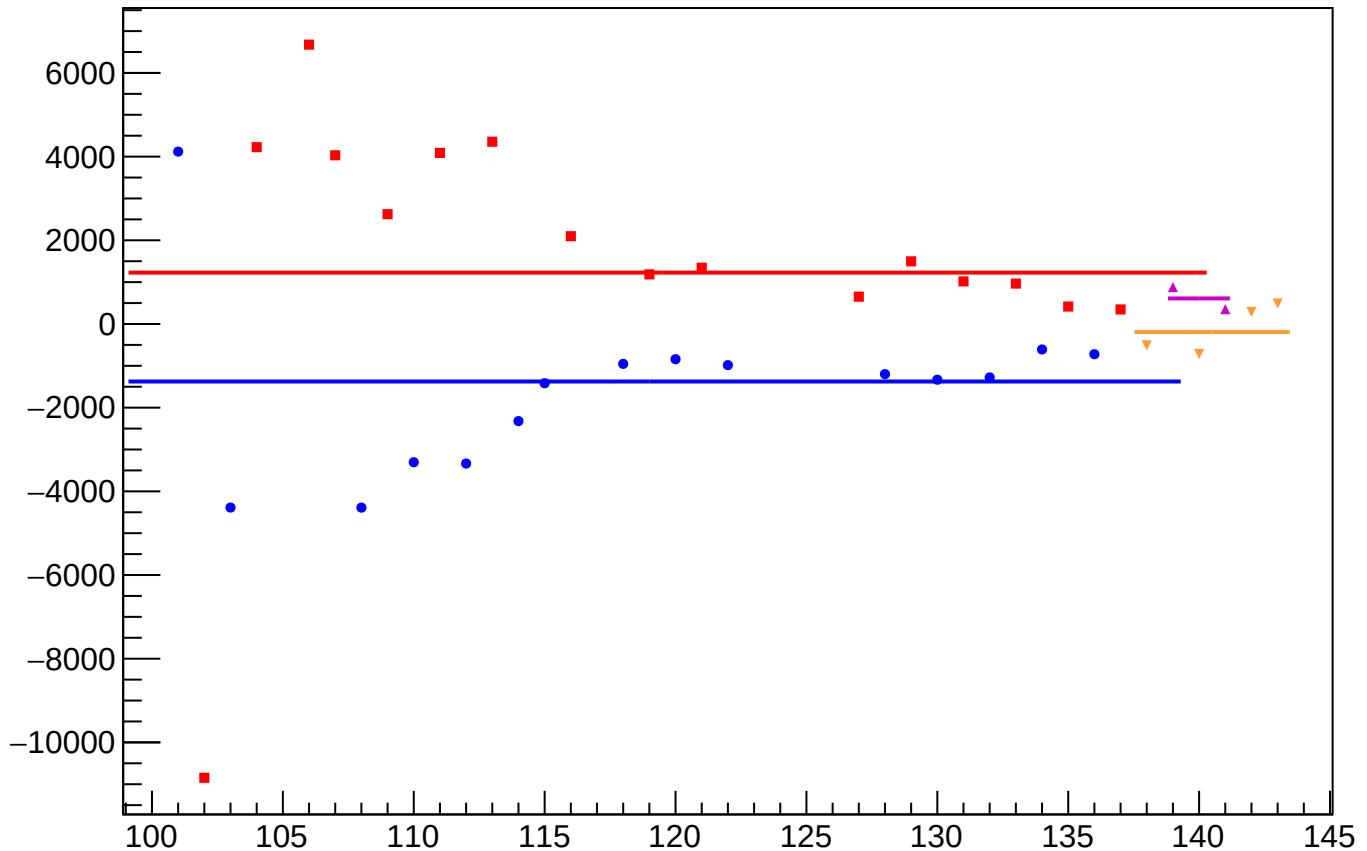
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

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: -1082.578 +/- 0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_atr1_coil4_mean vs Slug, Sign Corrected



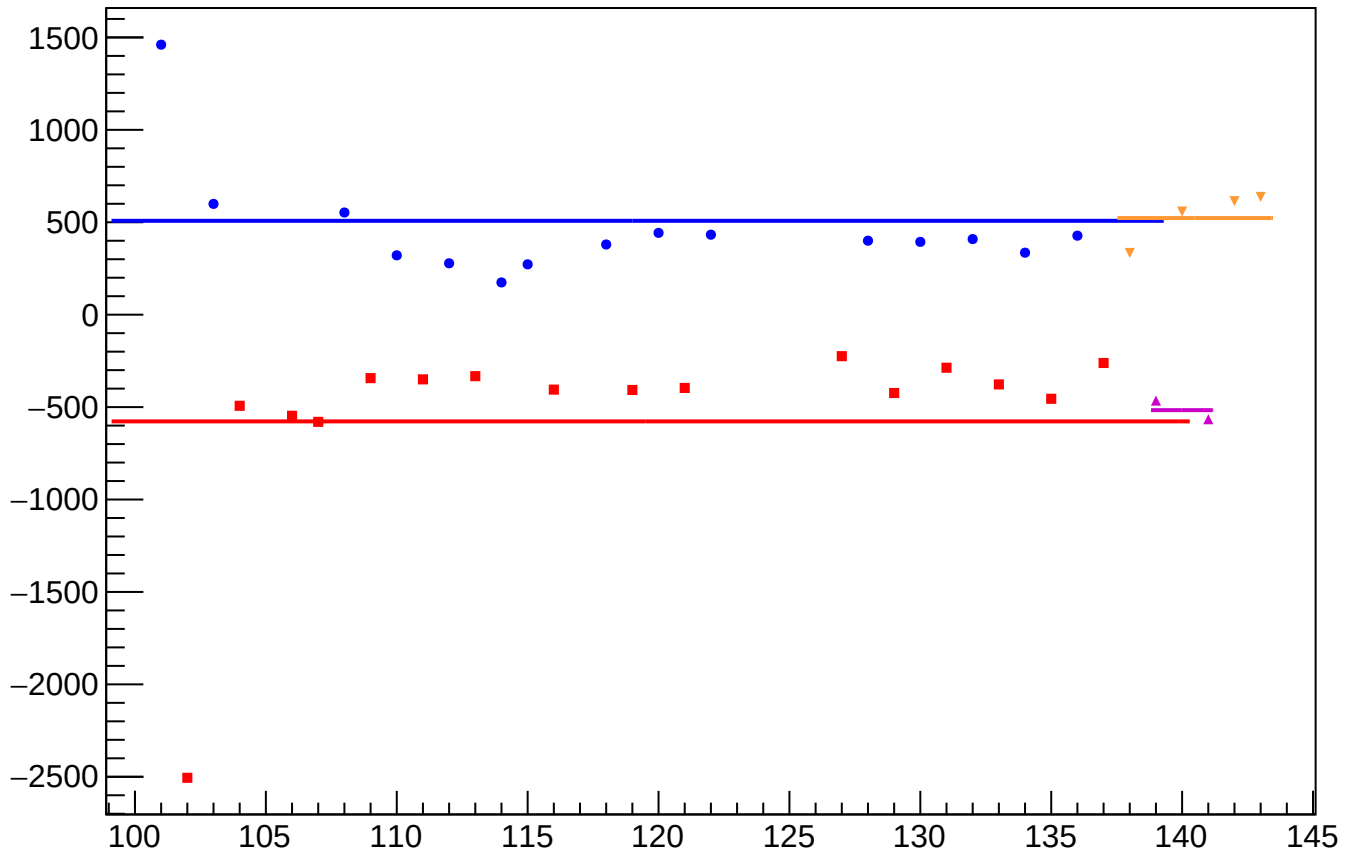
Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14

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: 610.391+/-0.000 χ^2/NDF : 11508514471575383557902717105718951936.0/1

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



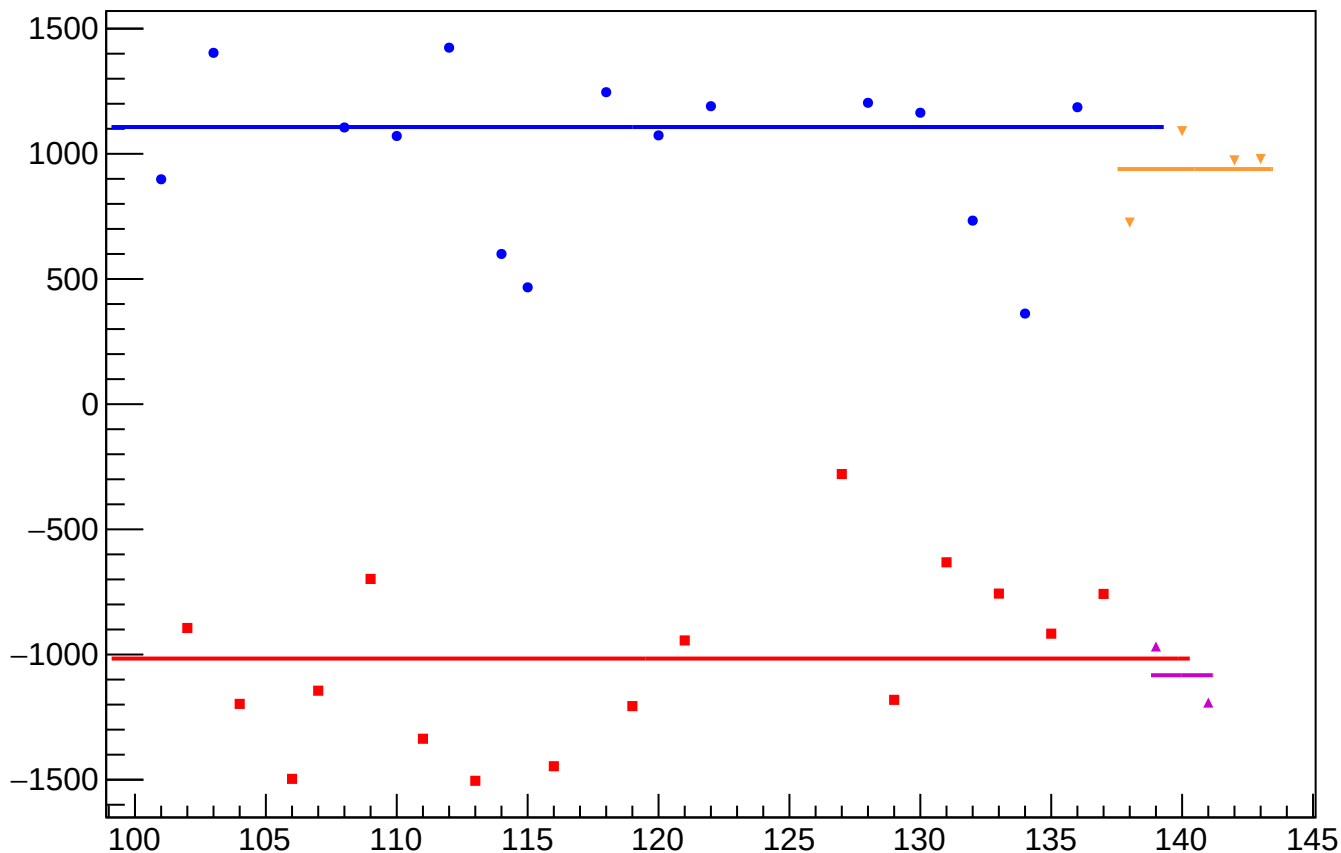
Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

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: -516.438+/-0.000 χ^2/NDF : 420591558322302543338216010314416128.0/1

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



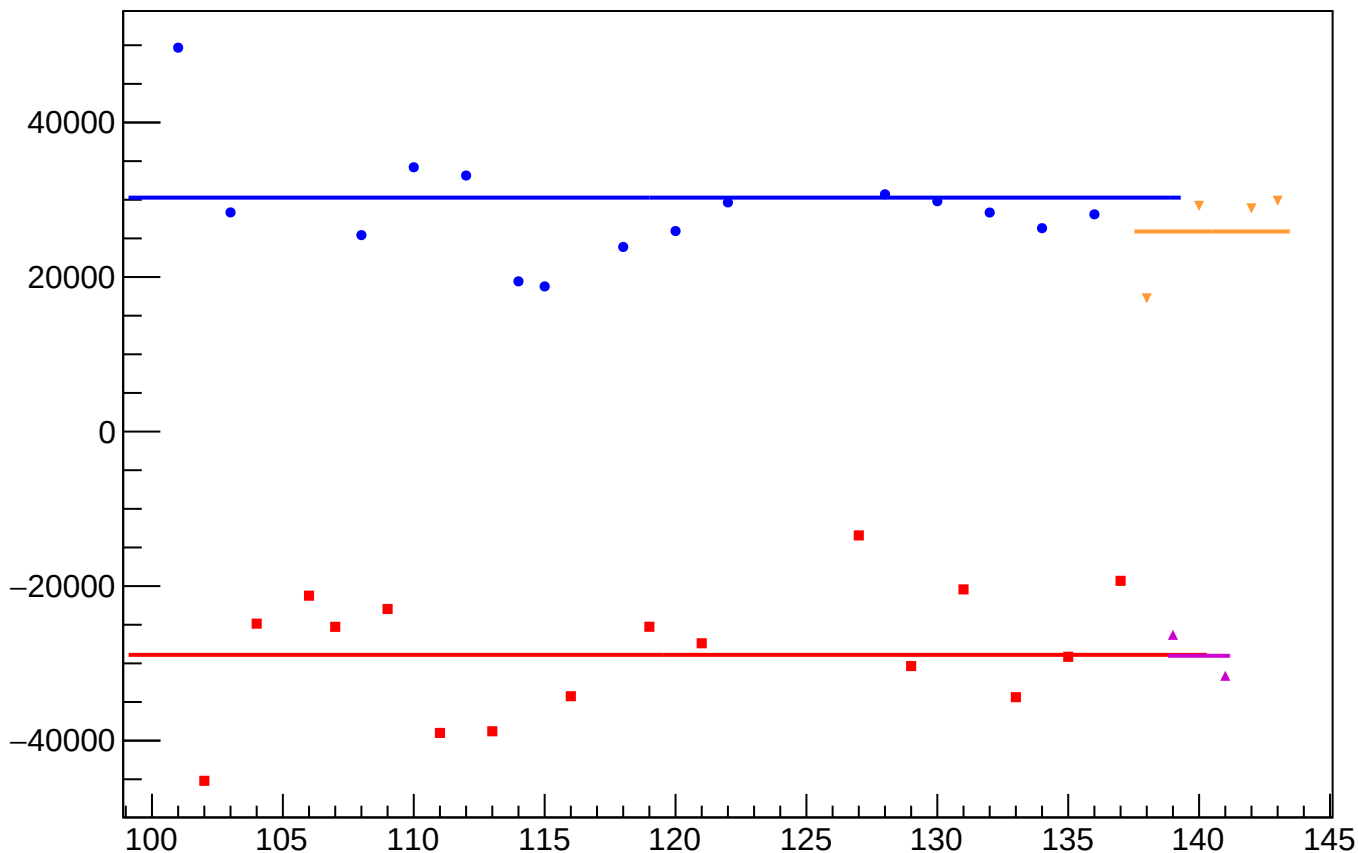
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

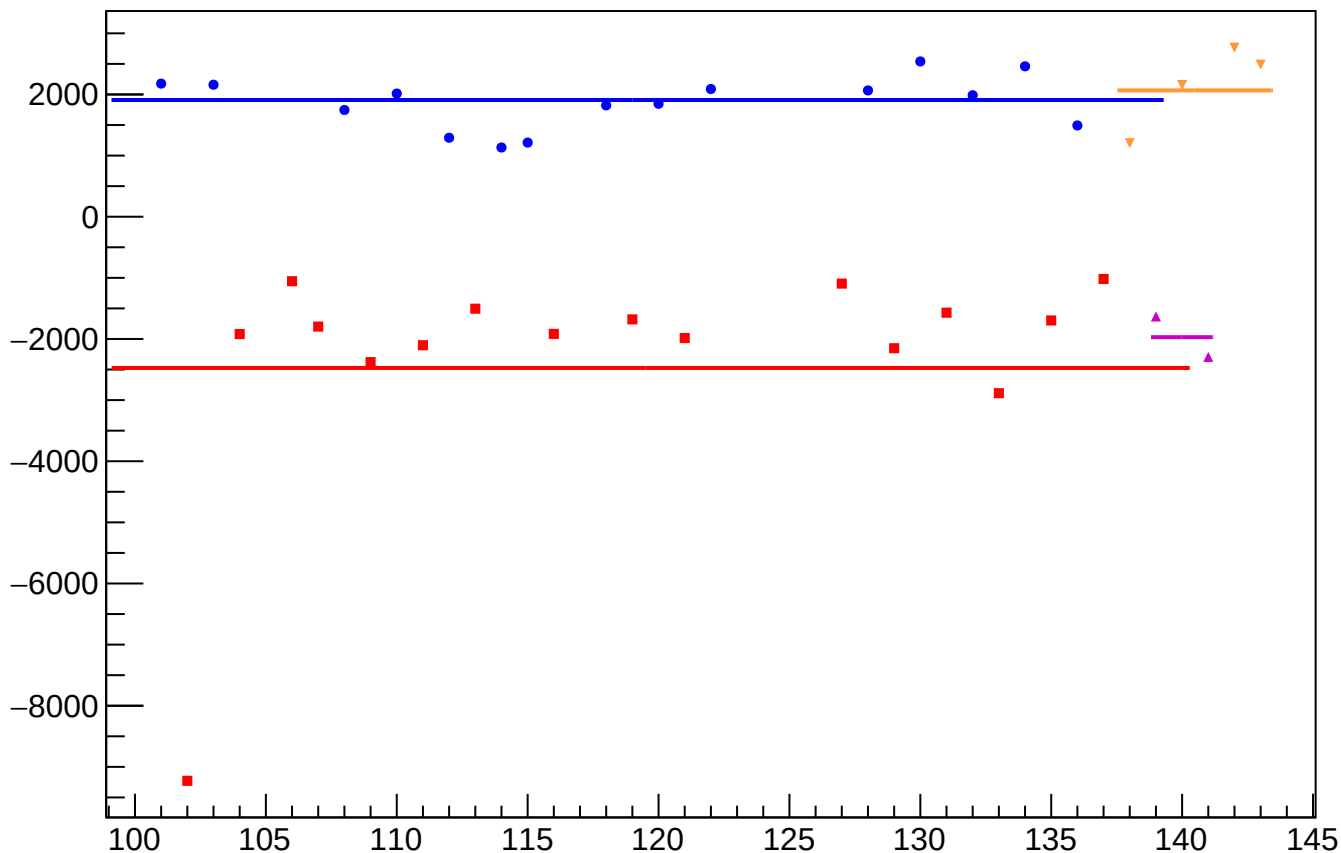
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

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: -29016.728 +/- 0.000 χ^2/NDF : 1165108914759627823455964560444417376256.0/1

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



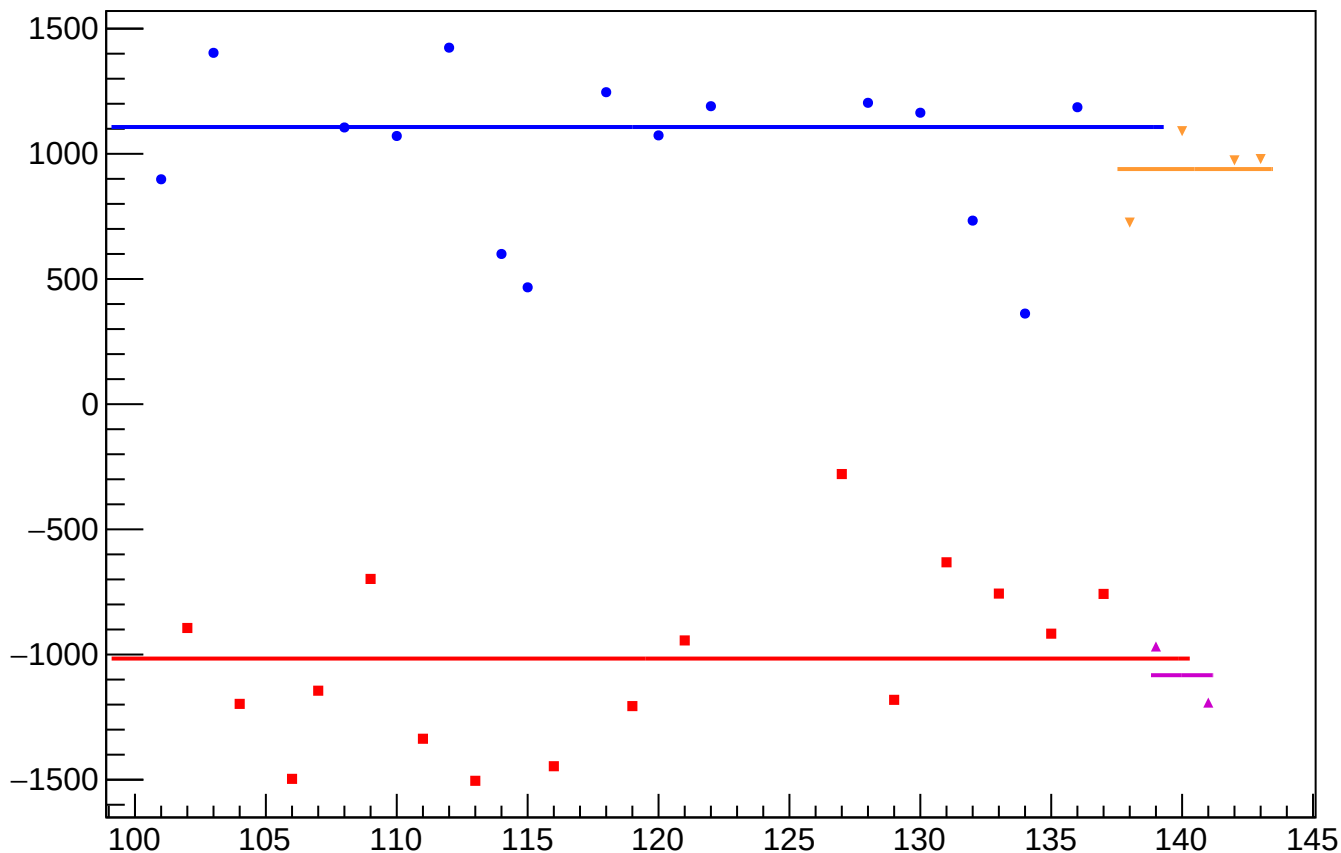
Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14

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: -1970.239+/-0.000 χ^2/NDF : 18143079488842793188590986902575775744.0/1

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



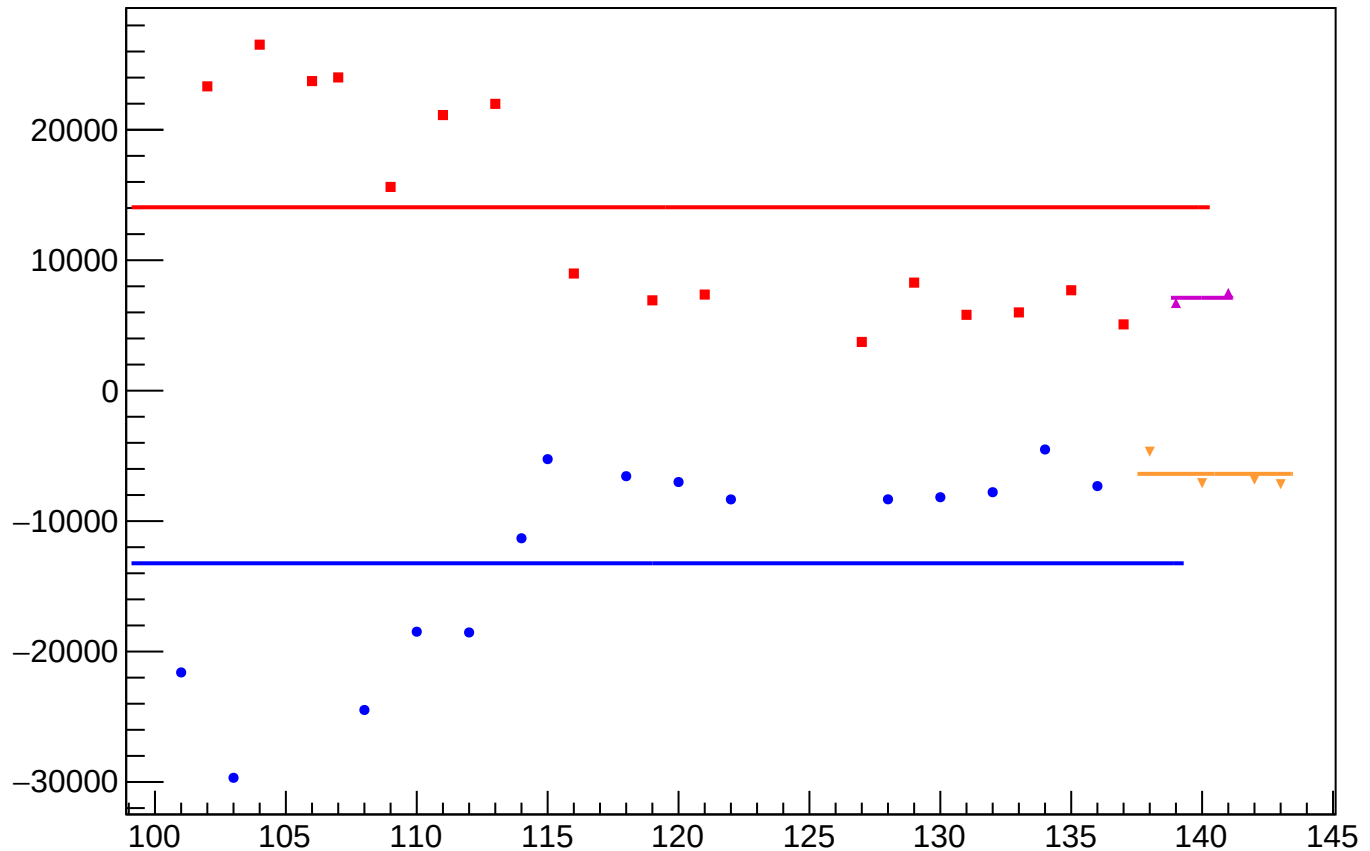
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

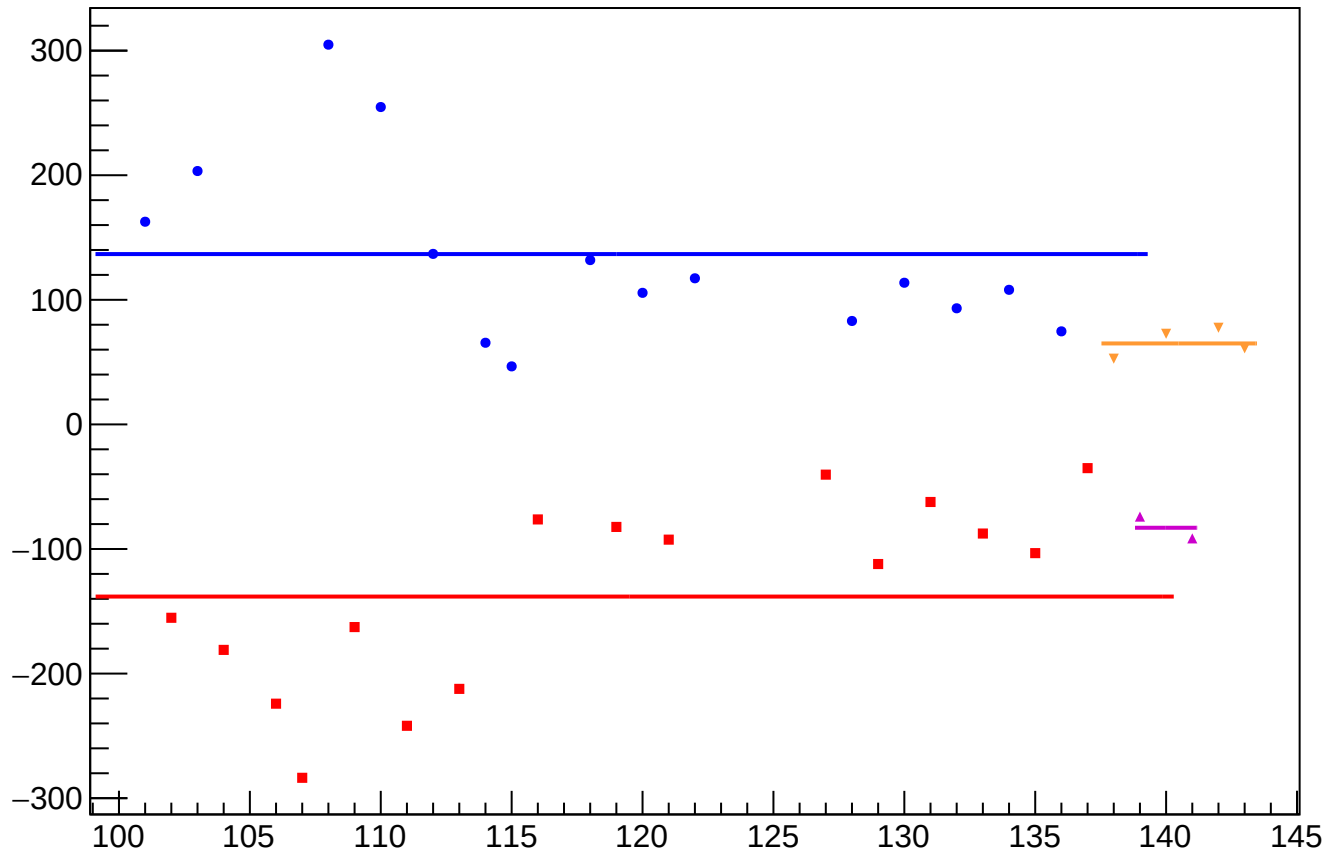
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: -13233.367 ± 0.000 $\chi^2/\text{NDF}: 41257043836213043367596866559499640504320.0/14$
 Left Out: -6377.530 ± 0.000 $\chi^2/\text{NDF}: 318210660668552068845124030545811996672.0/3$
 Right Out: 14060.103 ± 0.000 $\chi^2/\text{NDF}: 44490594754280161766405556915711386845184.0/15$
 Left In: 7119.448 ± 0.000 $\chi^2/\text{NDF}: 24987980337644948924878495574227156992.0/1$

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



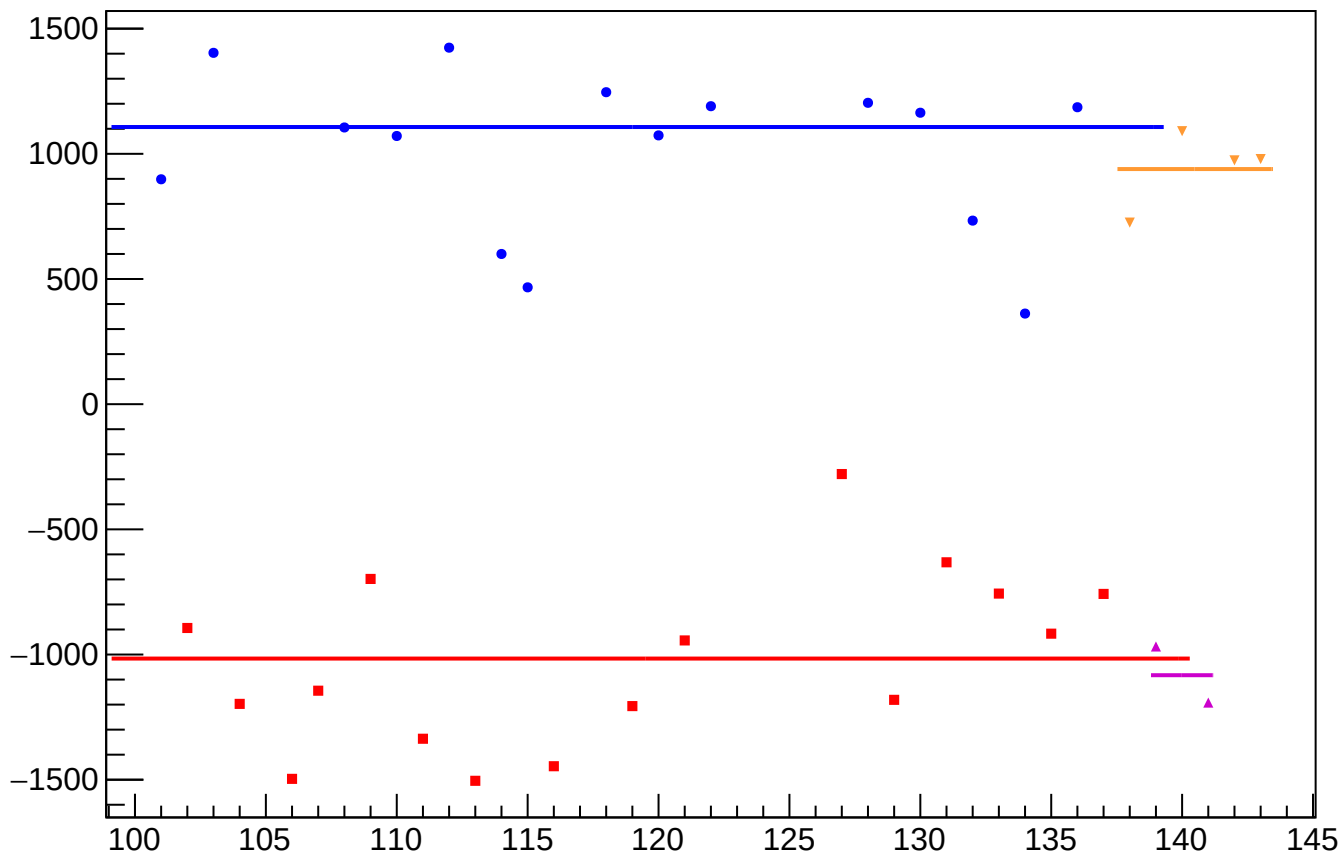
Right In: 136.711 +/- 0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14

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: -82.955 +/- 0.000 χ^2/NDF : 12678060684135041396353960528314368.0/1

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



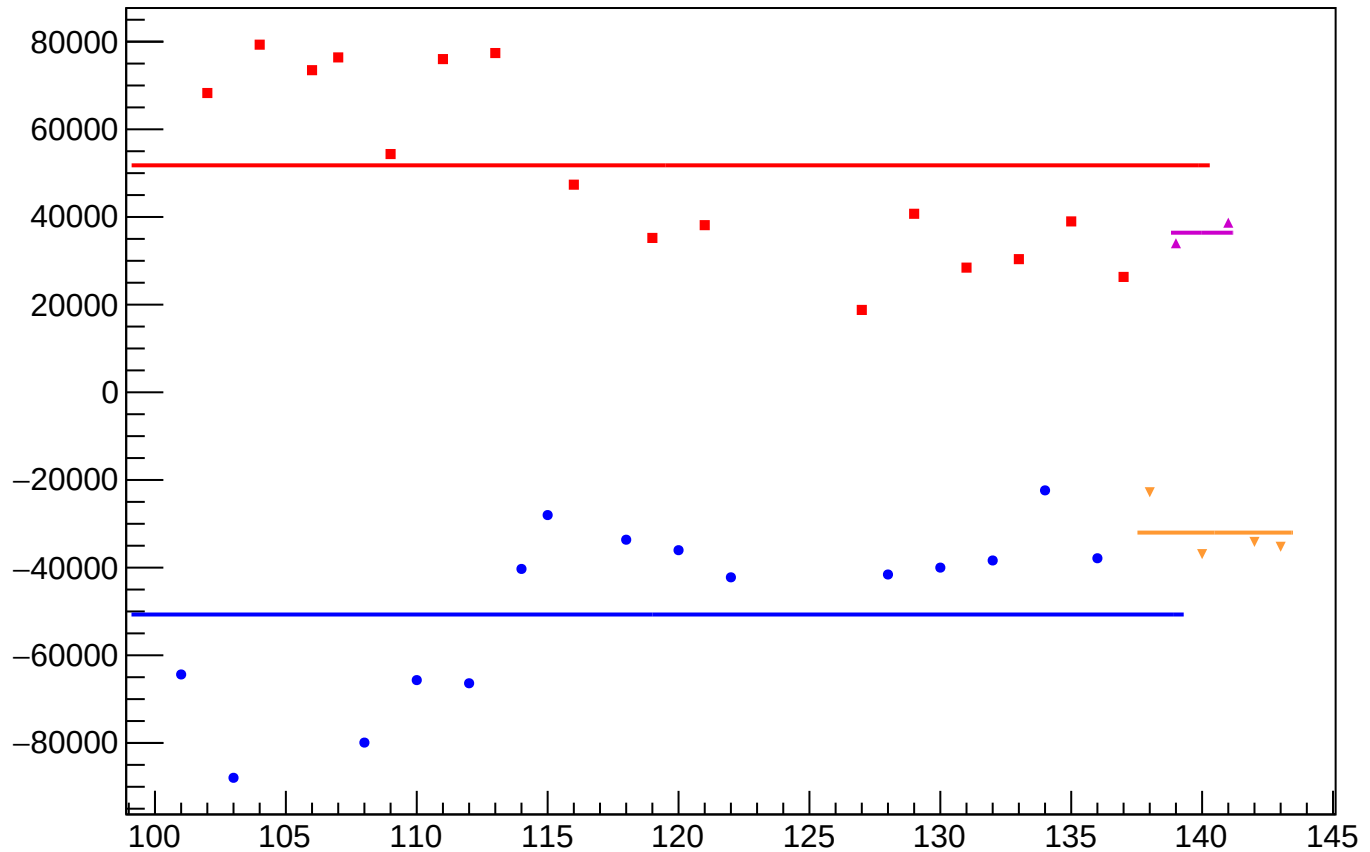
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

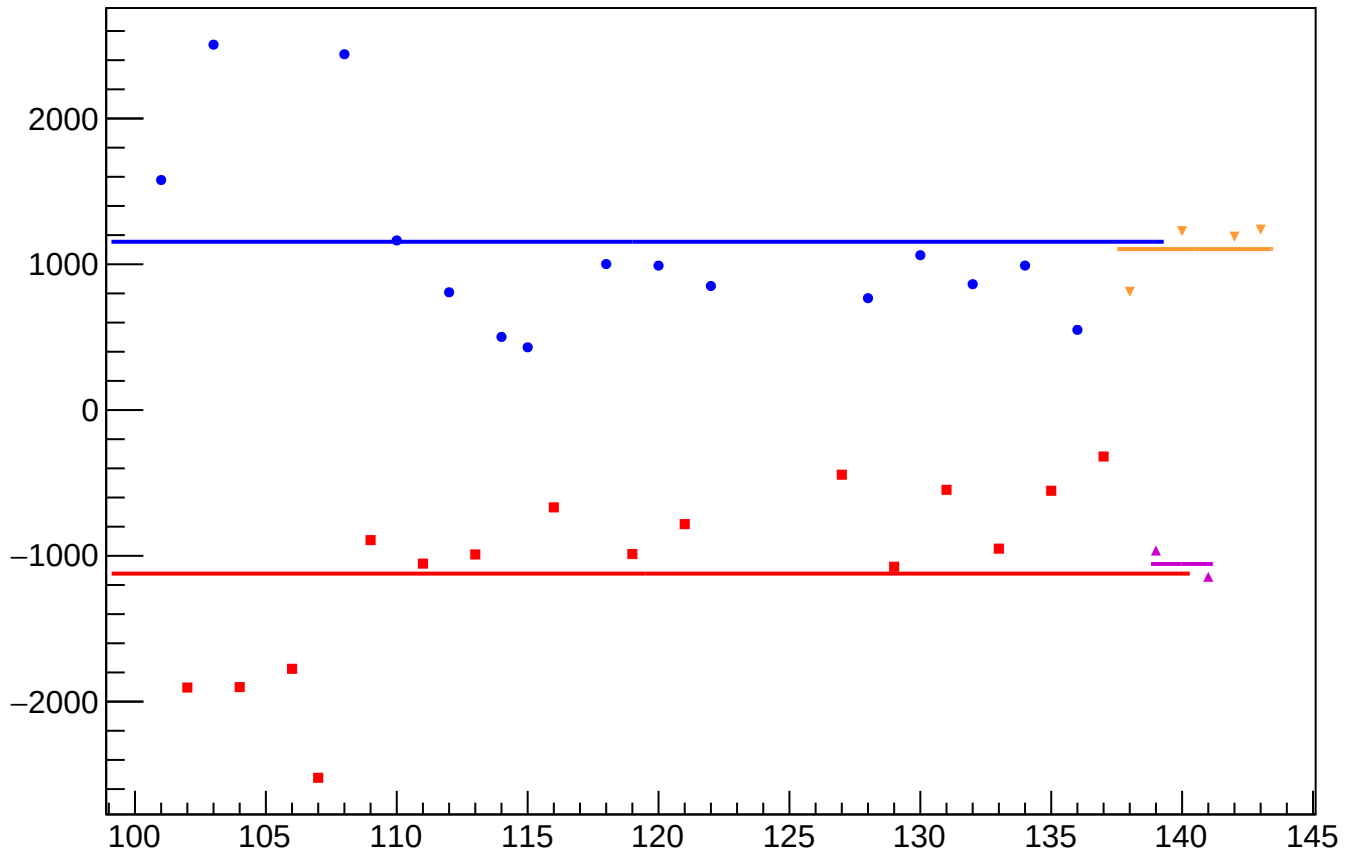
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam2_coil4_mean vs Slug, Sign Corrected



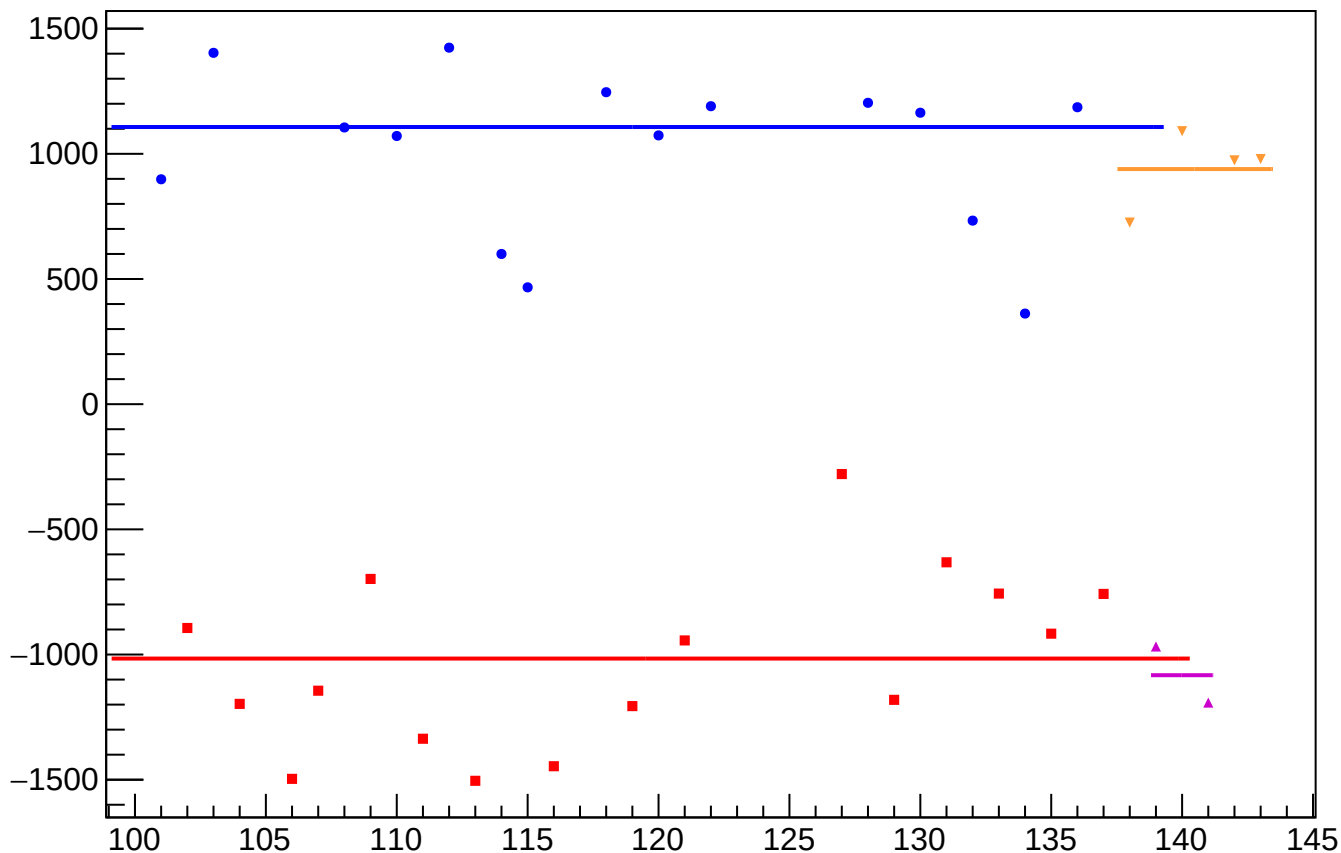
Right In: -50695.424 +/- 0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -32006.240 +/- 0.000 χ^2/NDF : 9496290077292994844335429284665499844608.0/3
 Right Out: 51783.912 +/- 0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: 36412.701 +/- 0.000 χ^2/NDF : 912129088924079945396181129096874426368.0/1

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: -1055.761 +/- 0.000 χ^2/NDF : 1347875282087847296857567920262217728.0/1

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



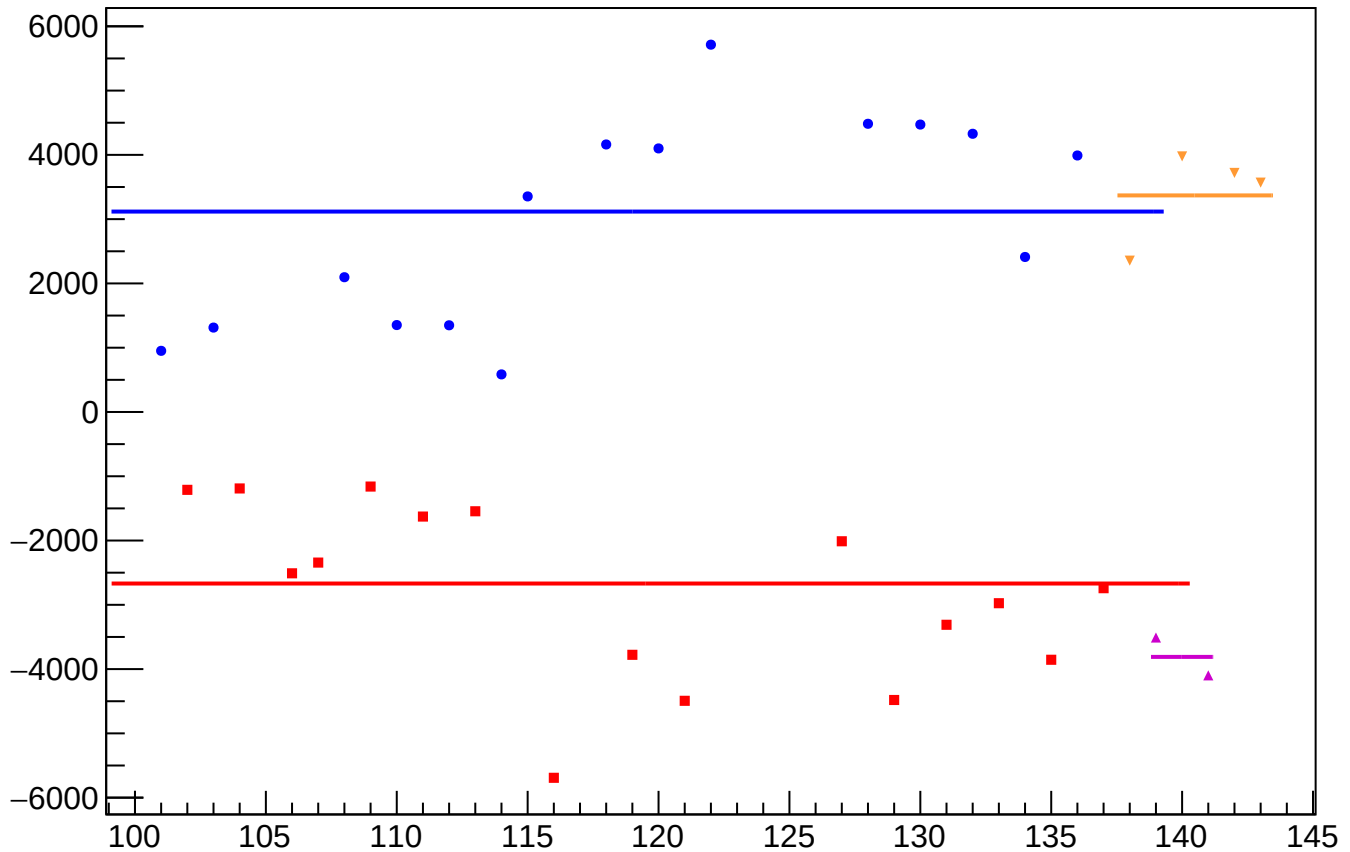
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

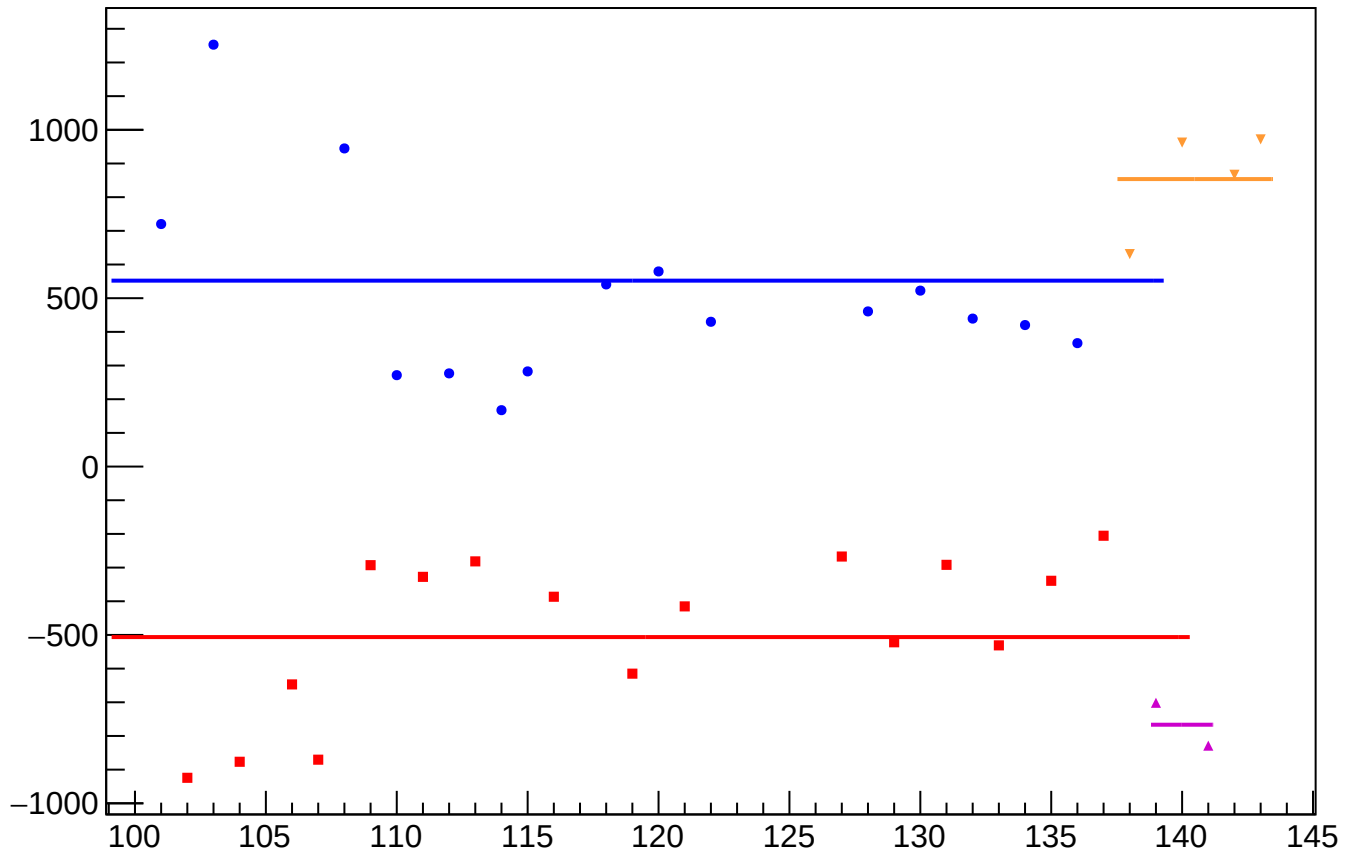
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 3117.914 +/- 0.000 χ^2/NDF : 1552738593335565674554918493159210090496.0/14
 Left Out: 3369.318 +/- 0.000 χ^2/NDF : 118843589260590746483602039415037231104.0/3
 Right Out: -2668.794 +/- 0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: -3810.240 +/- 0.000 χ^2/NDF : 14371153259302456452566487112399978496.0/1

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



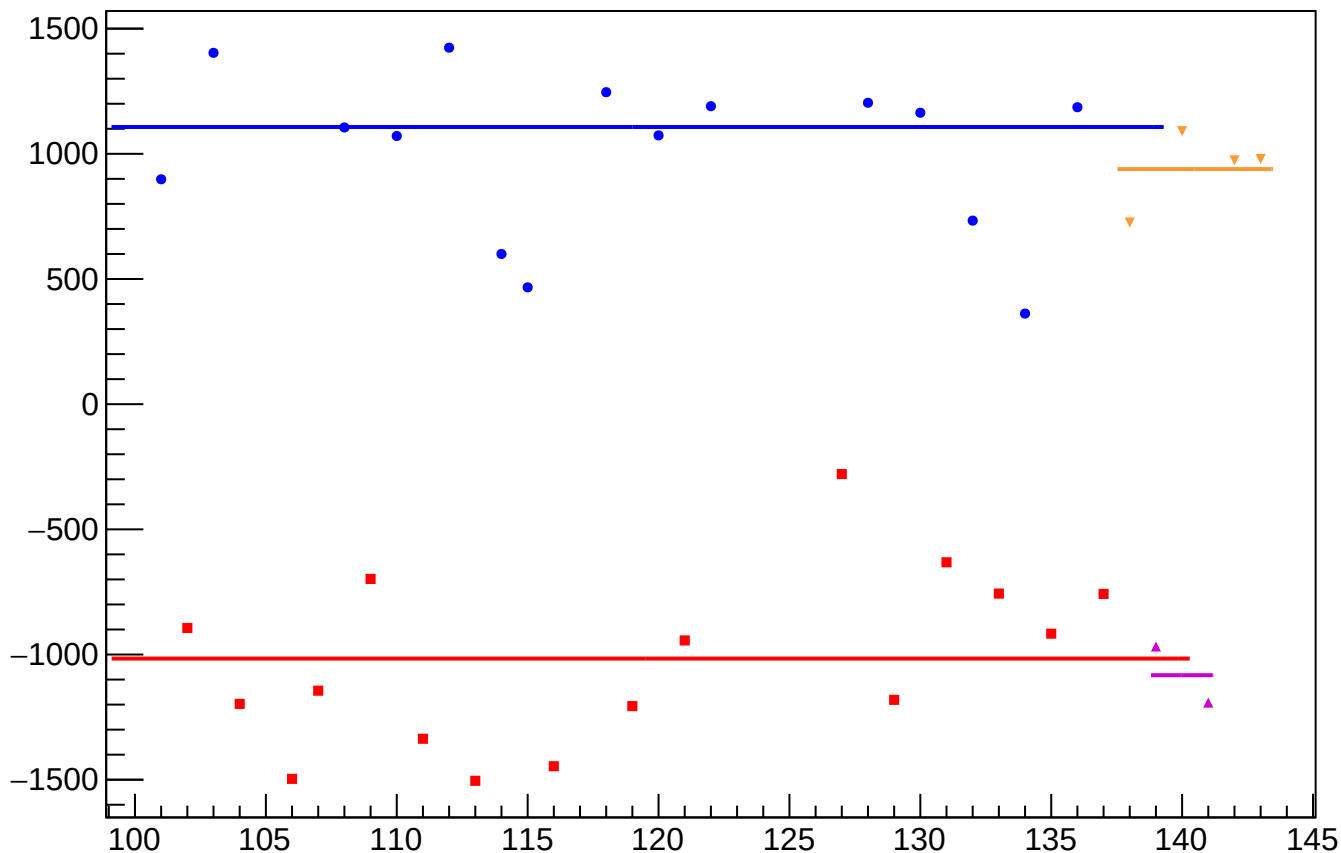
Right In: 552.108 $\pm$ 0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 853.740 $\pm$ 0.000 χ^2/NDF : 5771702647375072010948571247746744320.0/3

Right Out: -506.345 $\pm$ 0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

Left In: -766.621 $\pm$ 0.000 χ^2/NDF : 672518209714790635221781428897316864.0/1

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



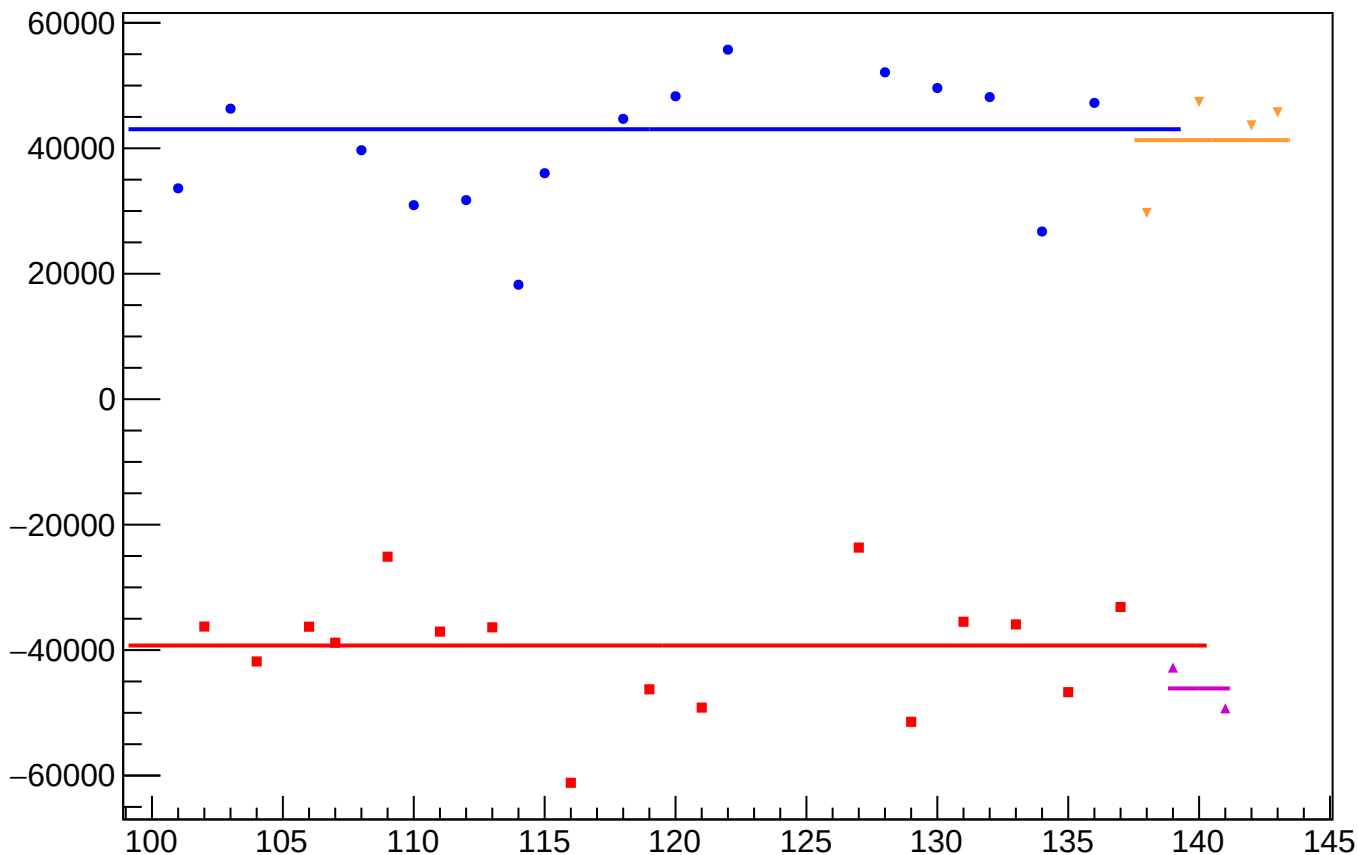
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

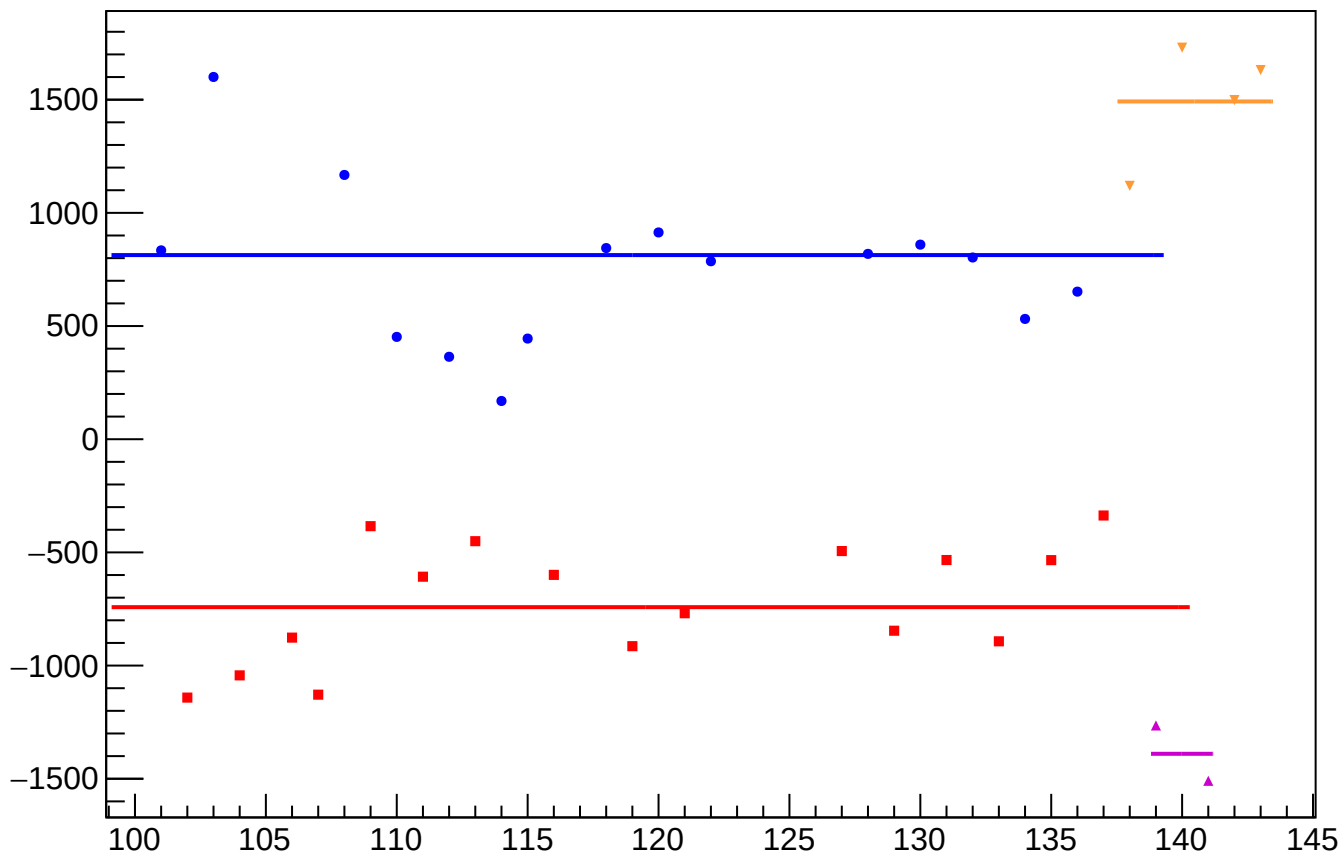
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

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: -46109.700+/-0.000 χ^2/NDF : 1751004106836284588964763884499060654080.0/1

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



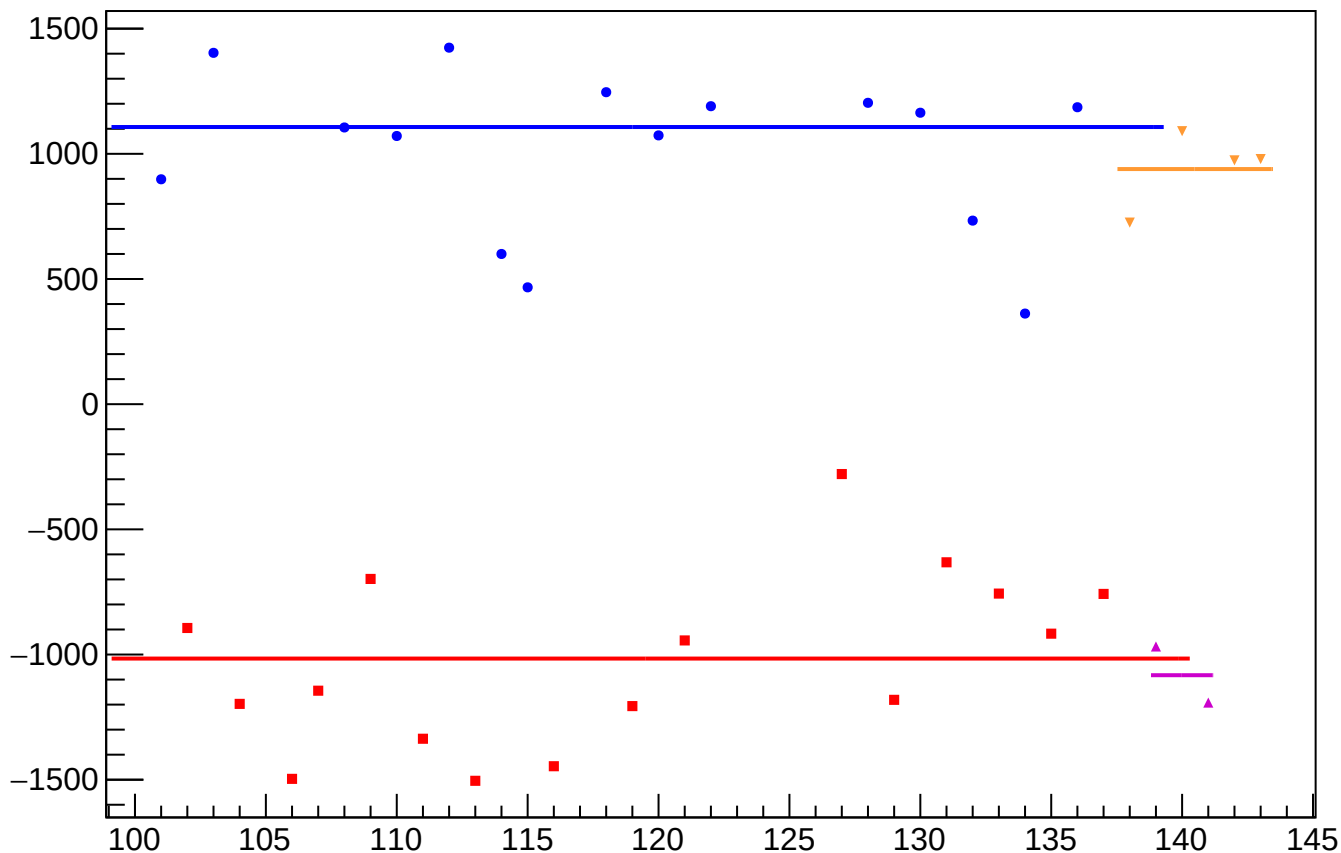
Right In: 813.500+/-0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14

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: -1389.763+/-0.000 χ^2/NDF : 2478574938392785508449021513839935488.0/1

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



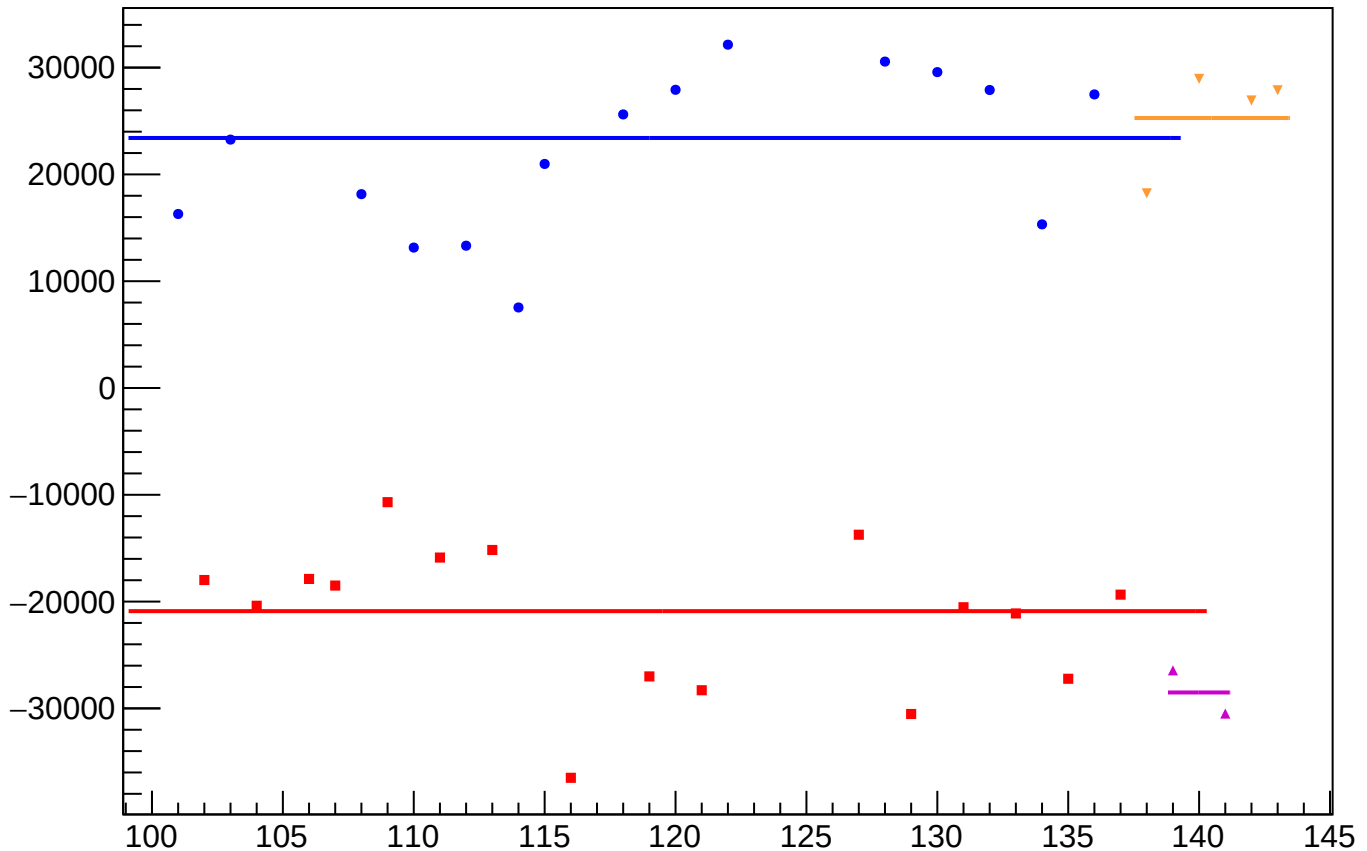
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

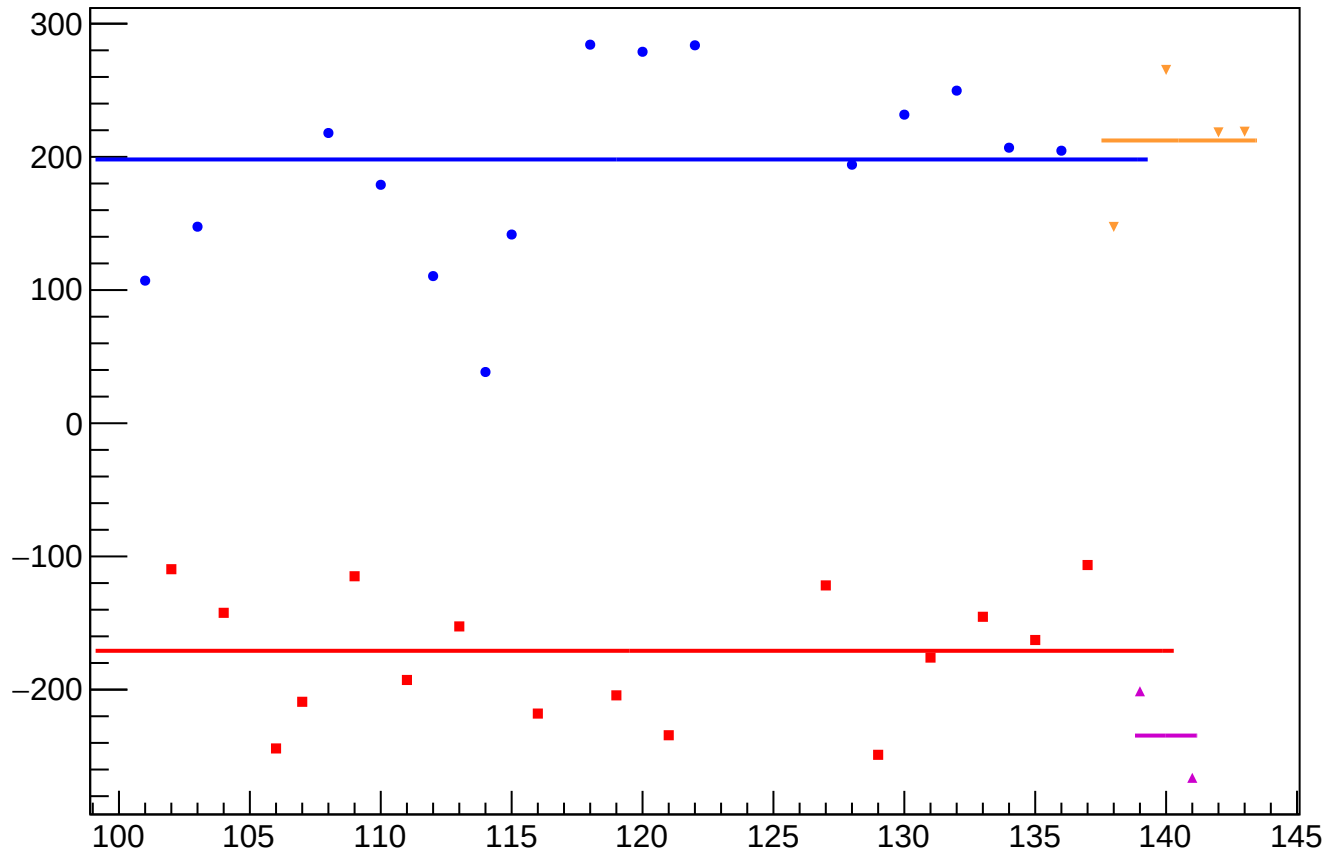
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

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: -28510.366 +/- 0.000 χ^2/NDF : 679371105075432700525280170591156961280.0/1

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



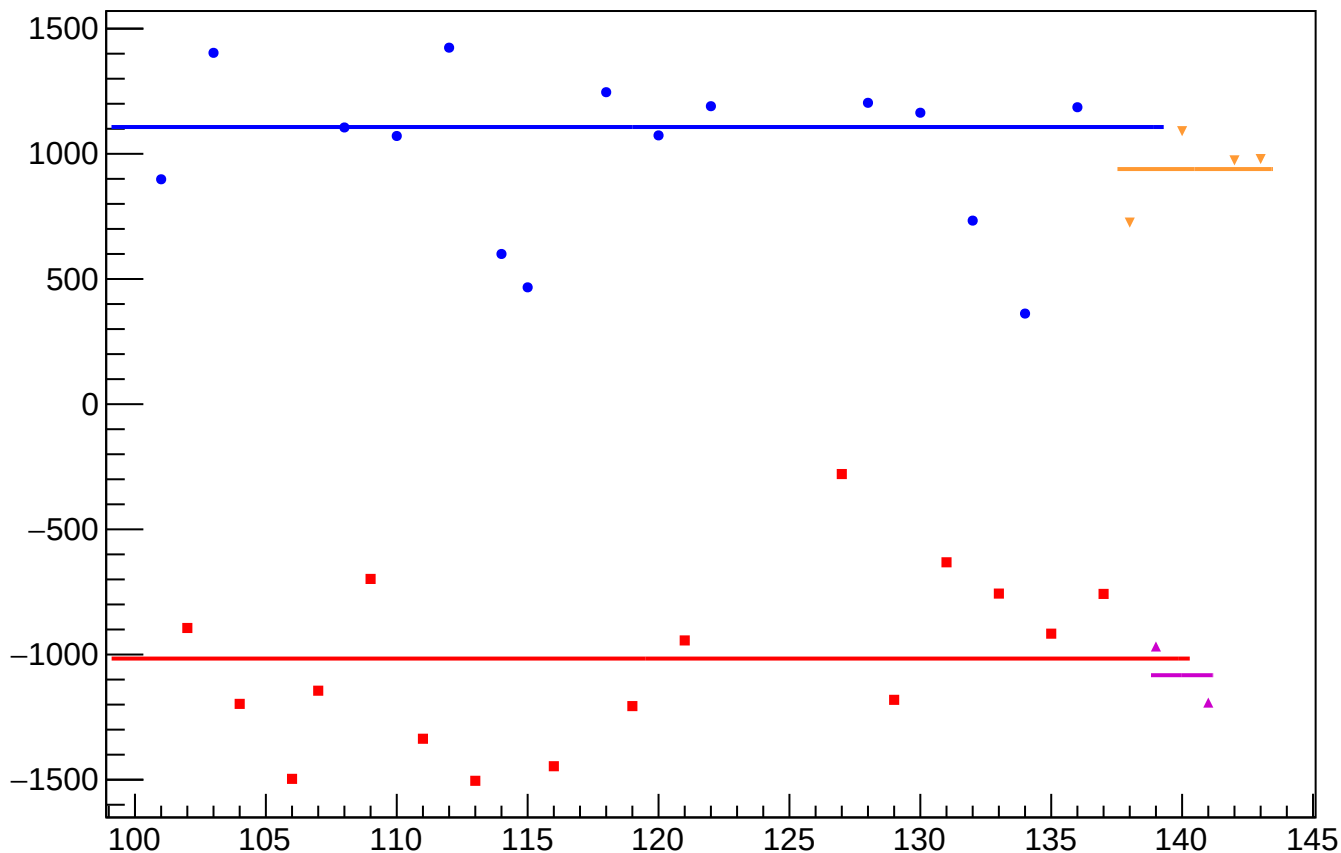
Right In: 198.056 +/- 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

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: -234.500 +/- 0.000 χ^2/NDF : 175099937749256126585501053001662464.0/1

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



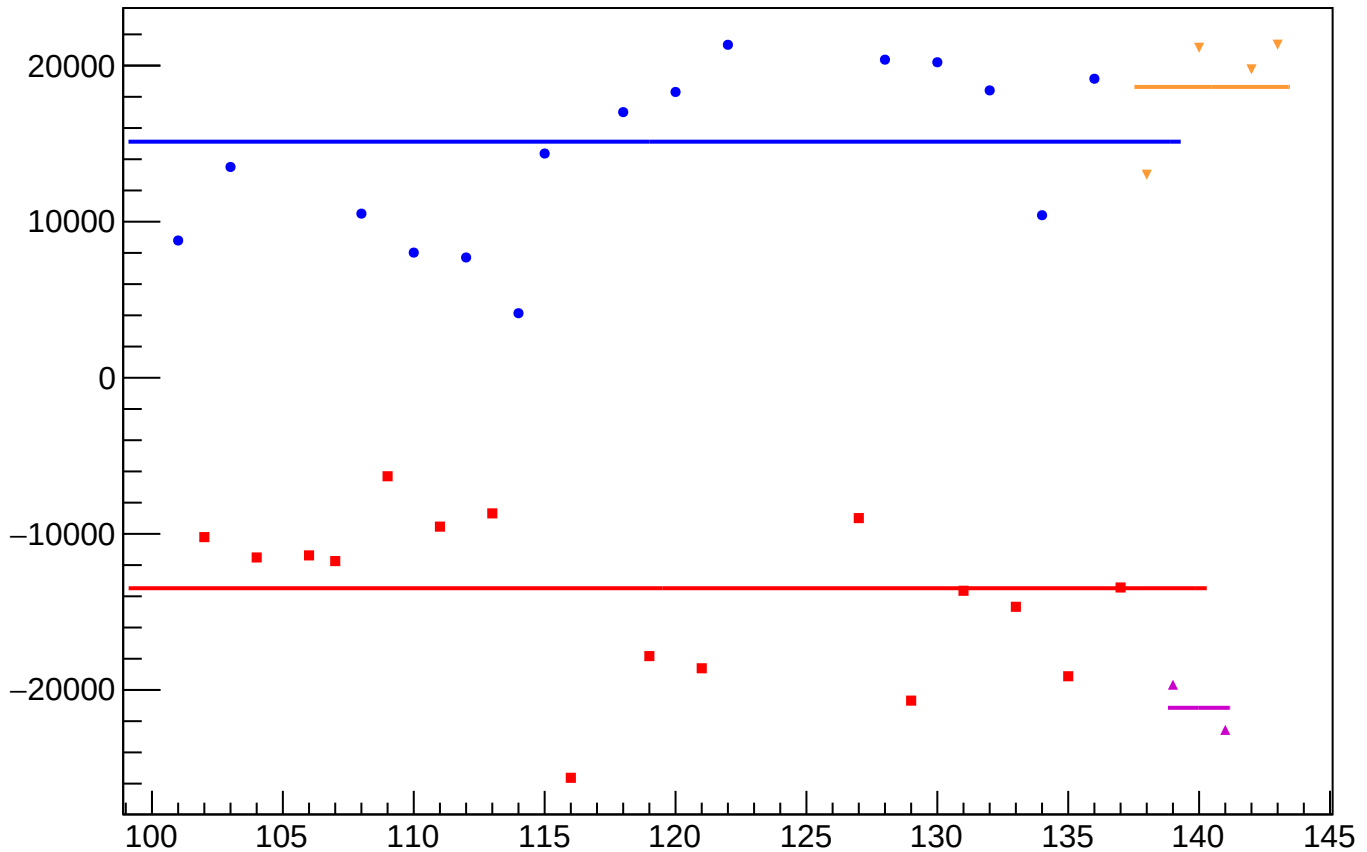
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

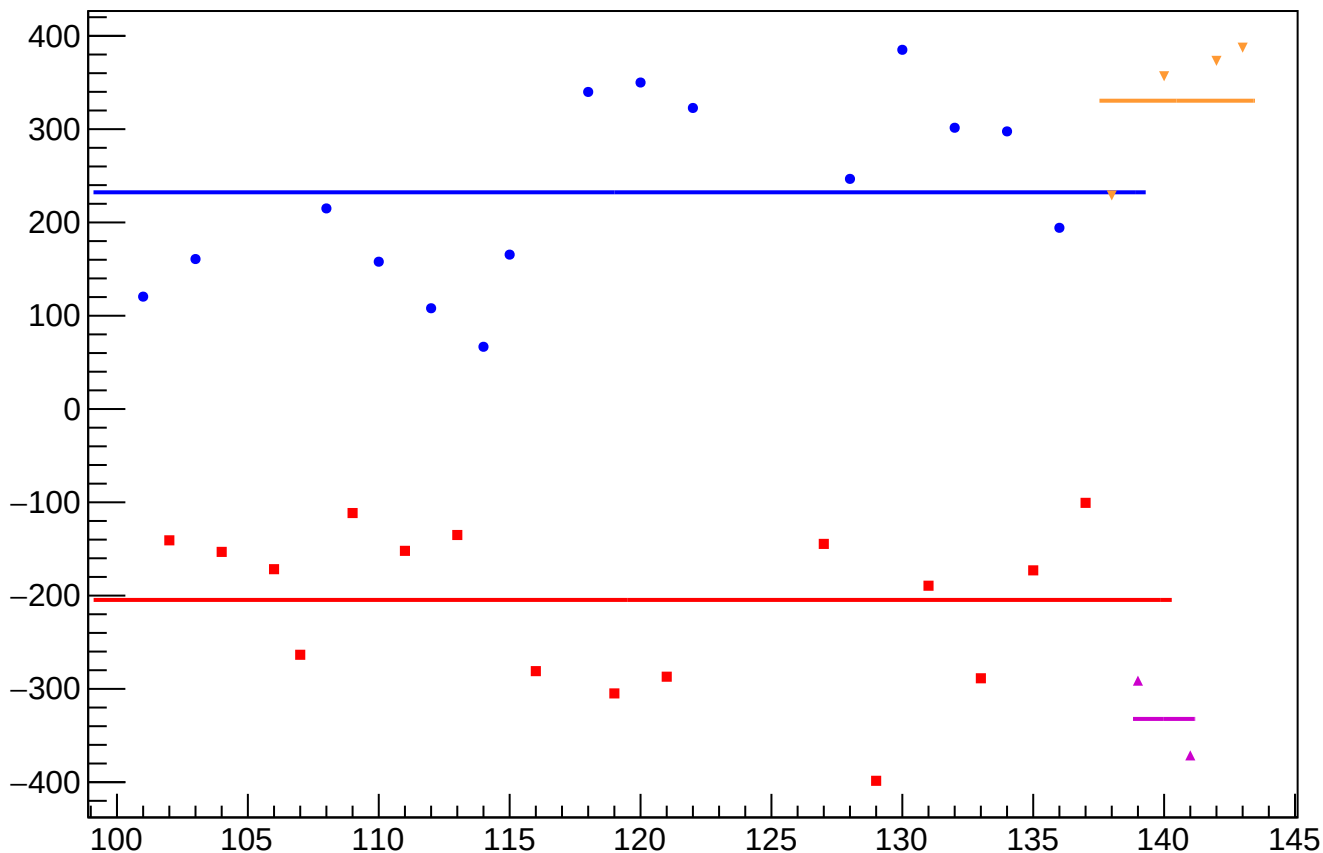
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

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: -21142.586+/-0.000 χ^2/NDF : 347546448884359862104296484678269927424.0/1

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



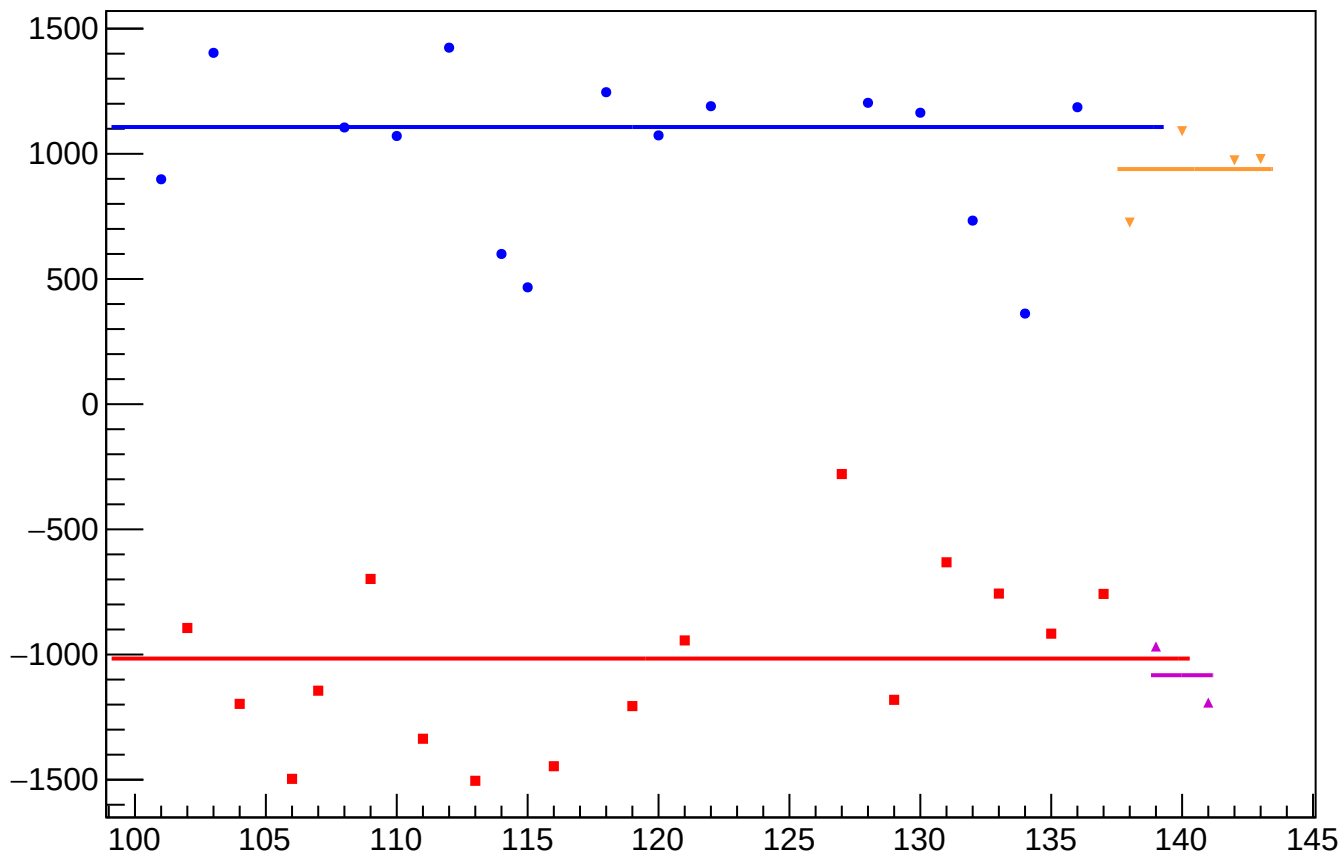
Right In: 232.312 +/- 0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14

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: -332.200 +/- 0.000 χ^2/NDF : 266184237213814558351393348575559680.0/1

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



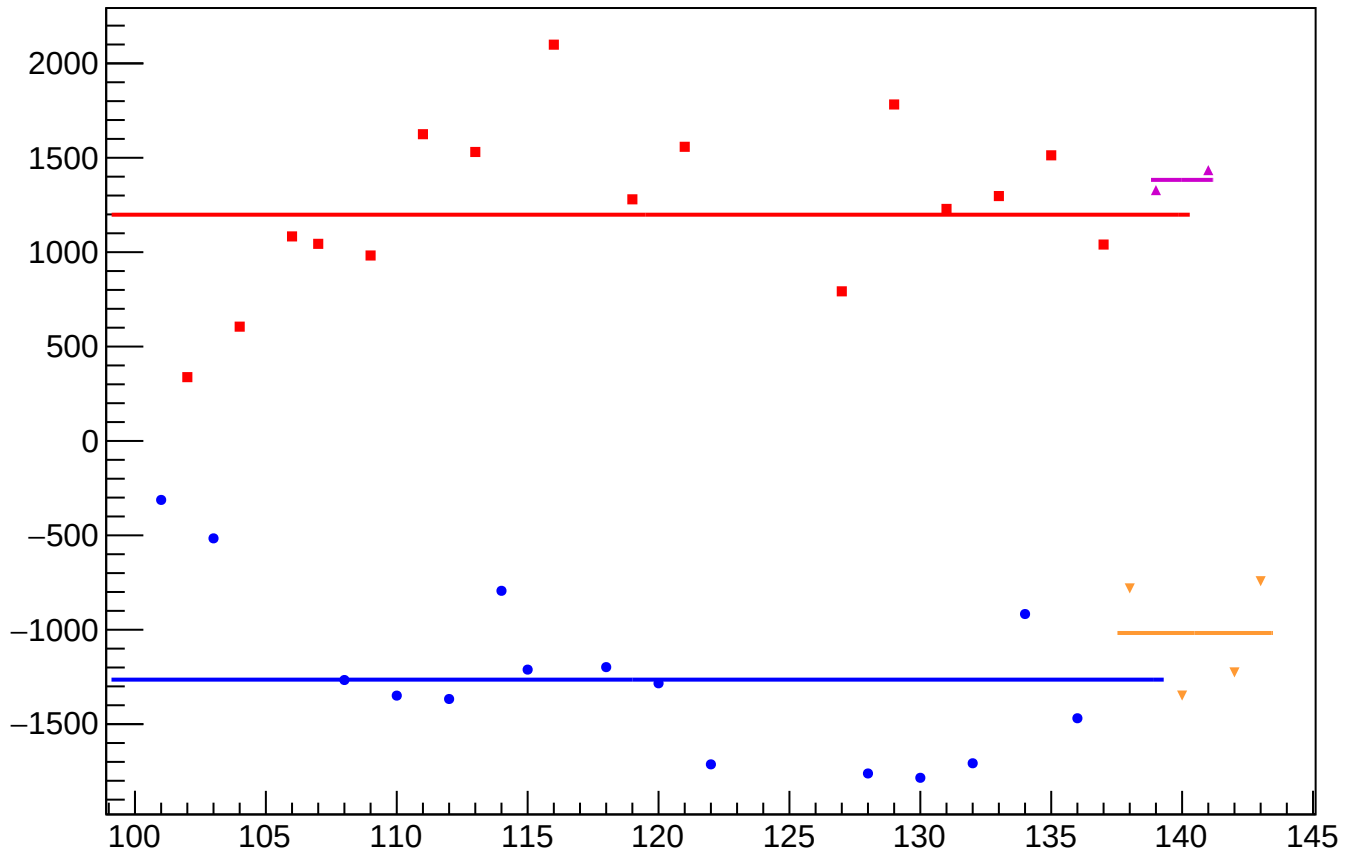
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

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

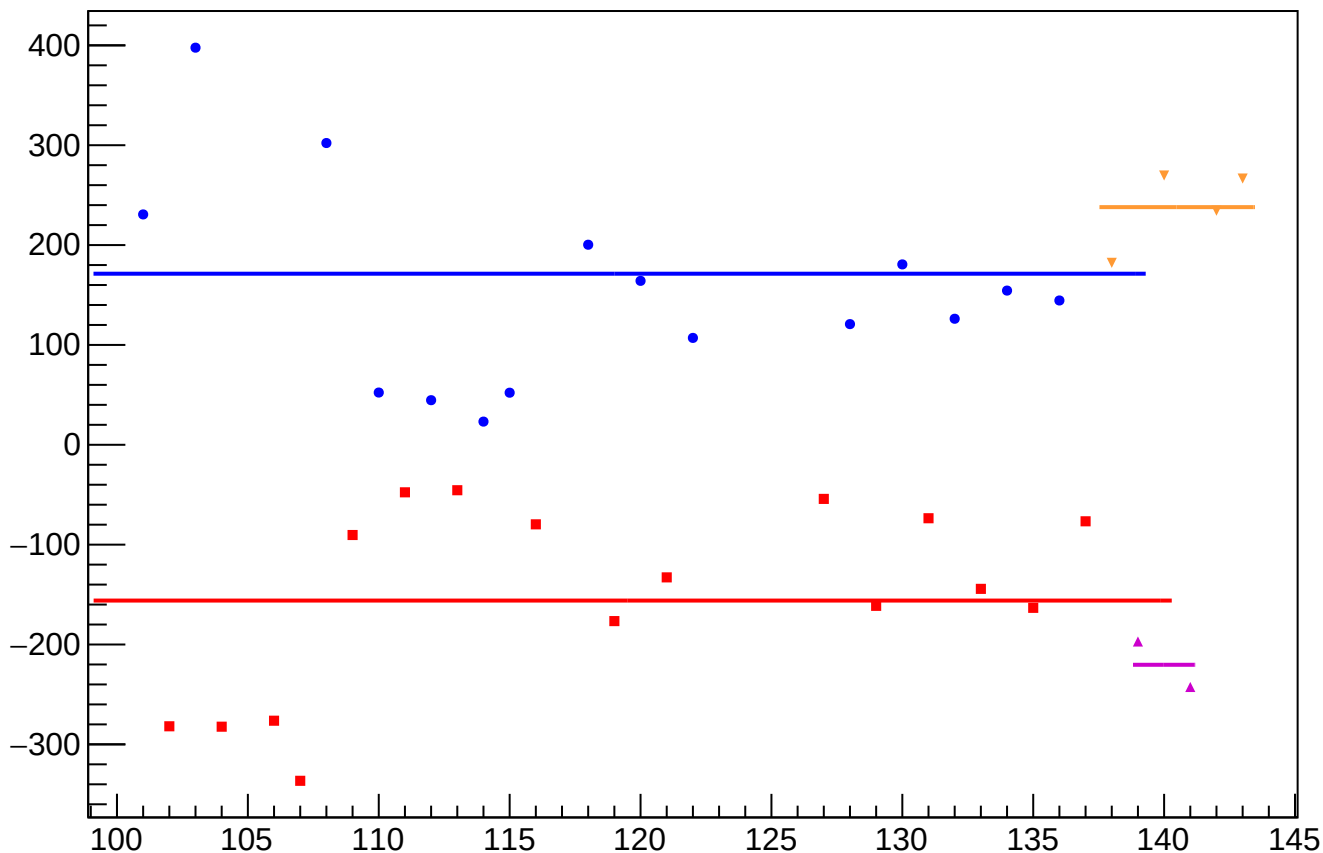
Left In: -1082.578 $\pm$ 0.000 χ^2 /NDF: 2083443553823124896501893118400921600.0/1

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: -1264.303 $\pm$ 0.000 χ^2 /NDF: 140215251538502657549173994543931981824.0/14
 Left Out: -1017.169 $\pm$ 0.000 χ^2 /NDF: 20409800807514167137033720271812427776.0/3
 Right Out: 1198.483 $\pm$ 0.000 χ^2 /NDF: 131164763898016793515492217696167133184.0/15
 Left In: 1382.927 $\pm$ 0.000 χ^2 /NDF: 464819518108425762261940748402294784.0/1

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



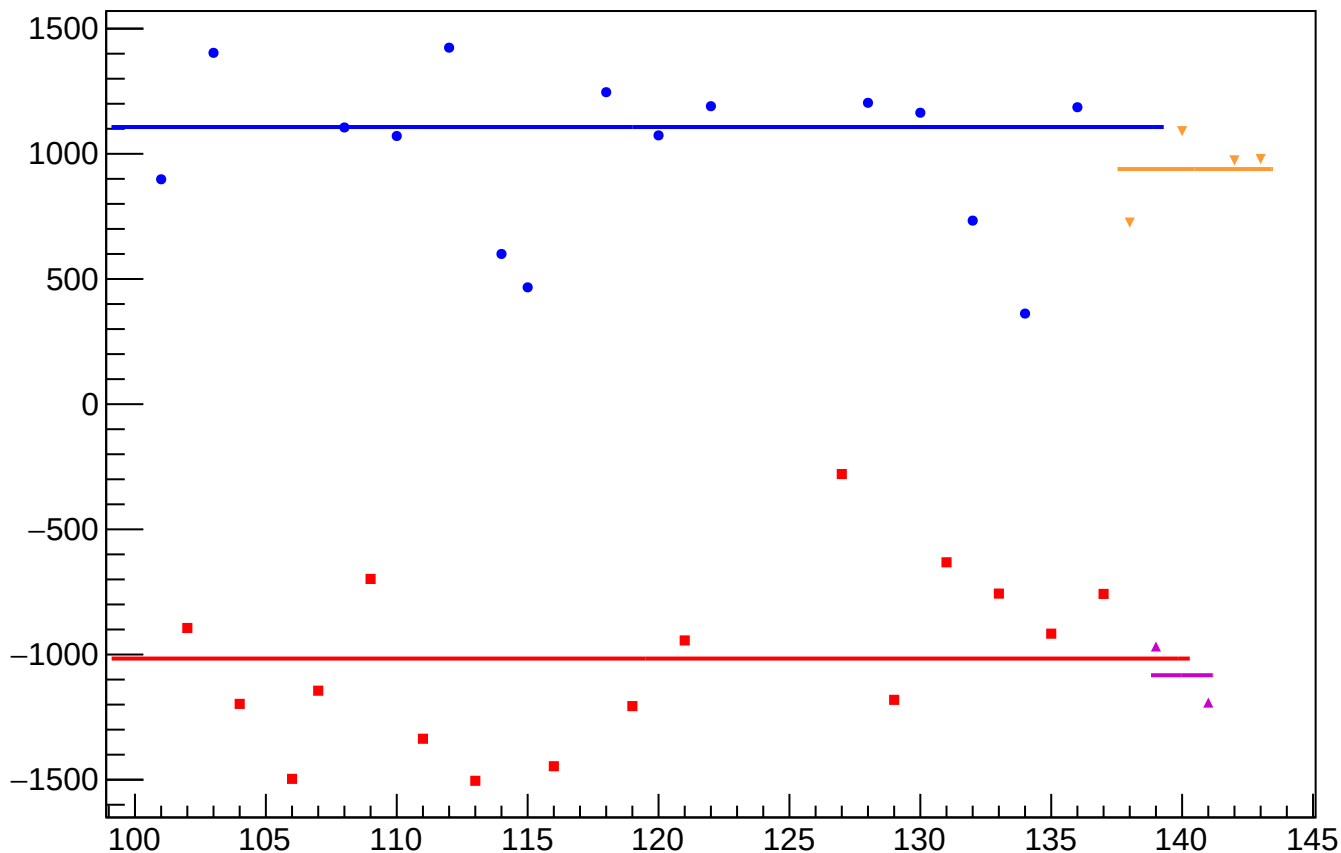
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14

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: -220.309+/-0.000 χ^2/NDF : 86036493214917393706997183141642240.0/1

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



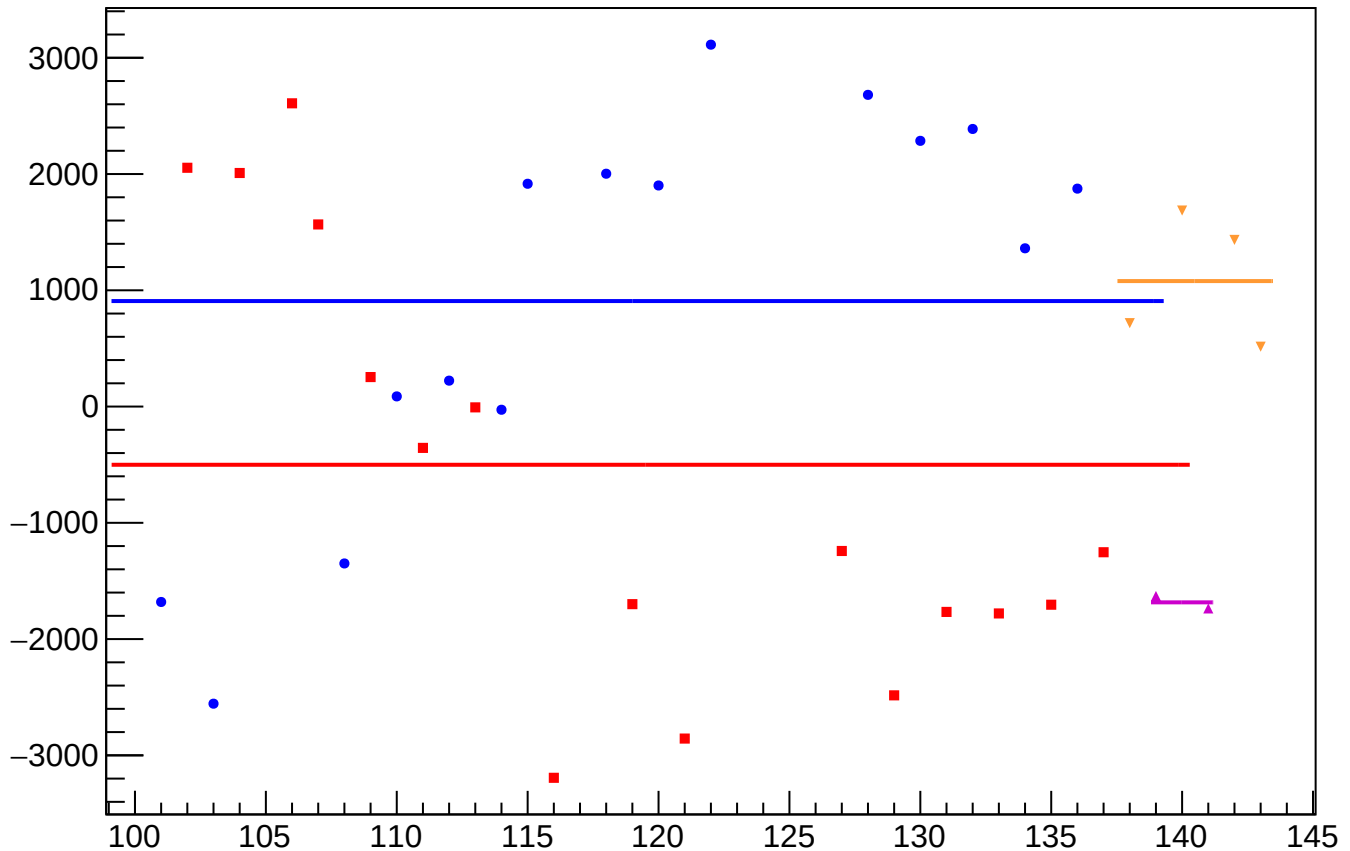
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

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: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam8_coil4_mean vs Slug, Sign Corrected



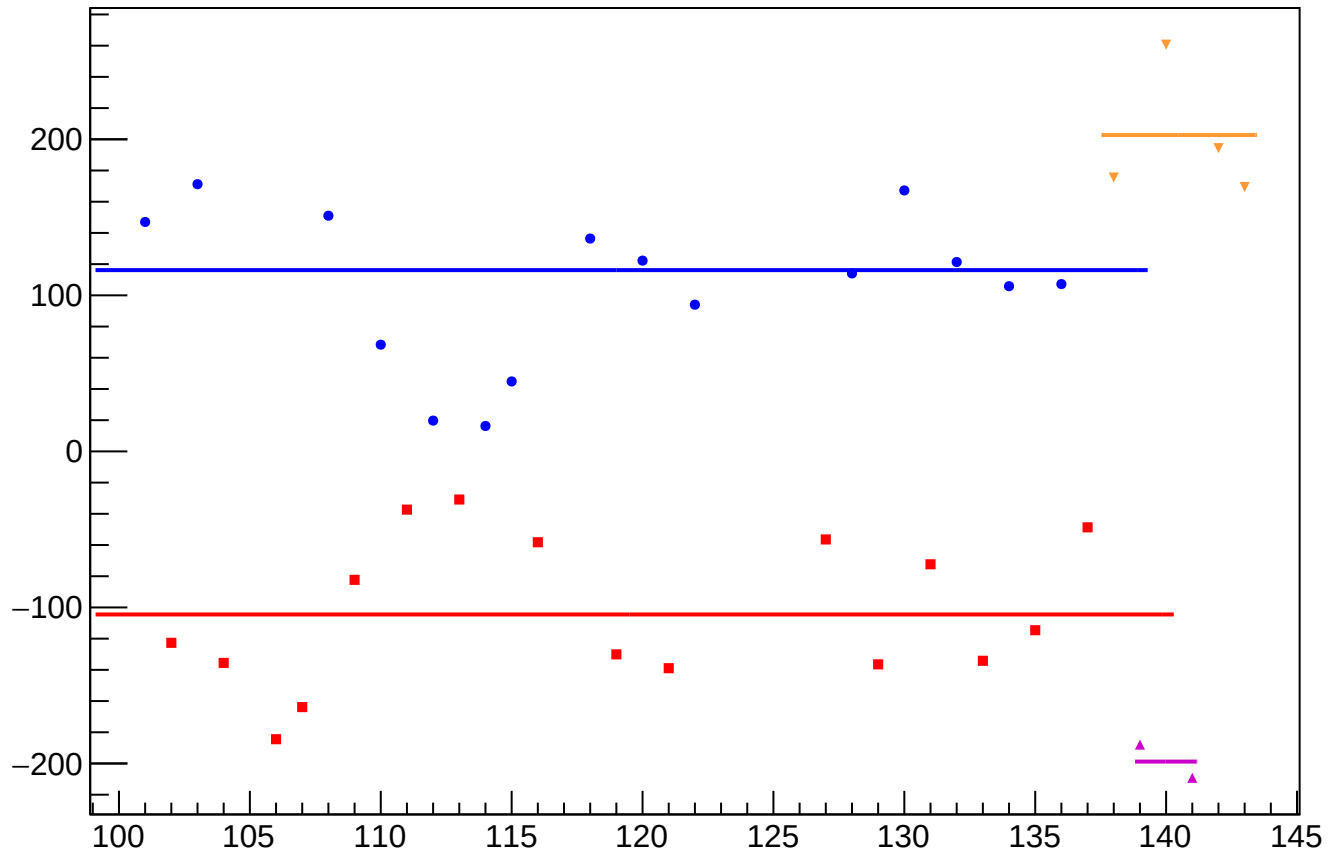
Right In: 907.442+/-0.000 χ^2/NDF : 2107238007691848638499662178406566461440.0/14

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: -1684.114+/-0.000 χ^2/NDF : 474286723011379184902712783693414400.0/1

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



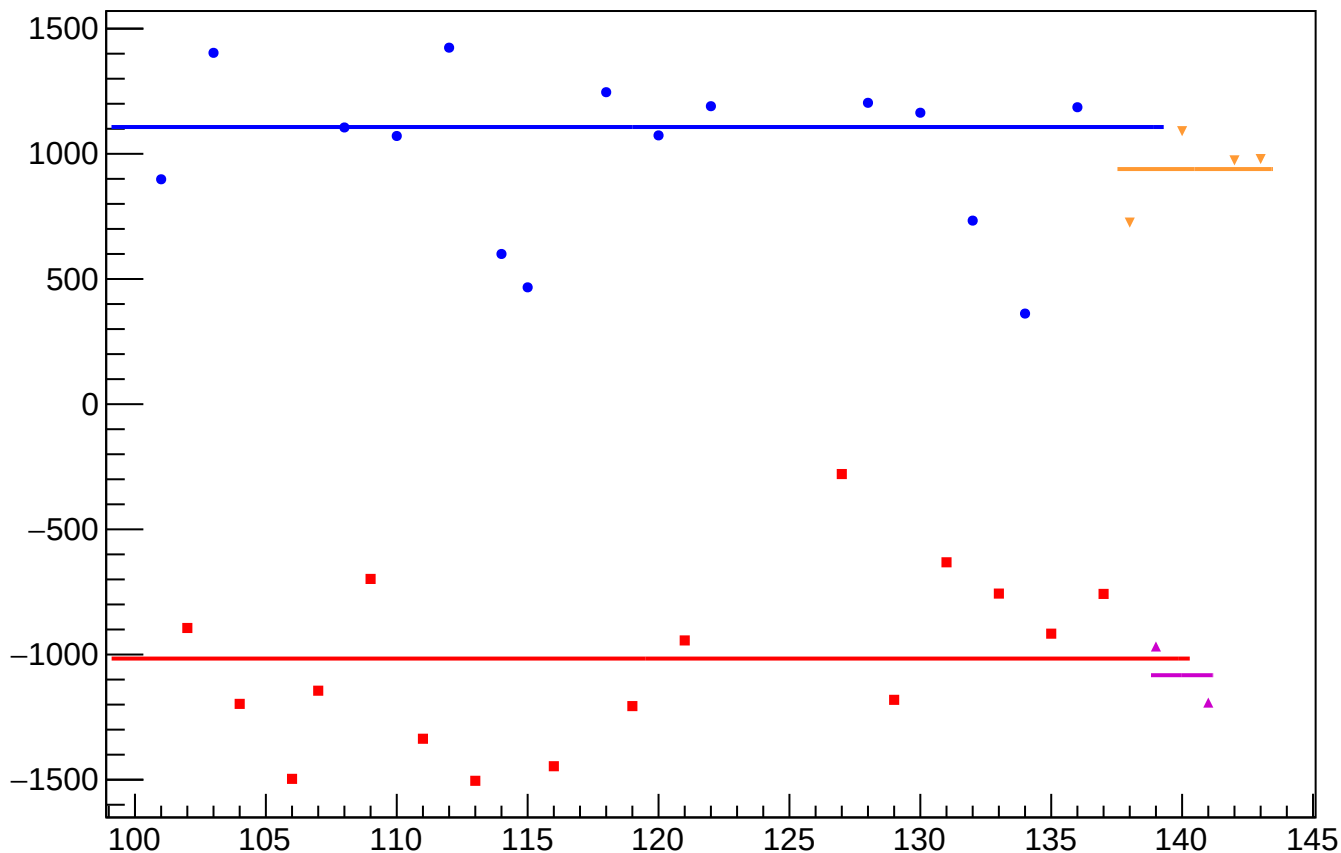
Right In: 116.159 $\pm$ 0.000 χ^2 /NDF: 1198526427485199785396504127288115200.0/14

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: -198.791 $\pm$ 0.000 χ^2 /NDF: 18774489874700693202083703714480128.0/1

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



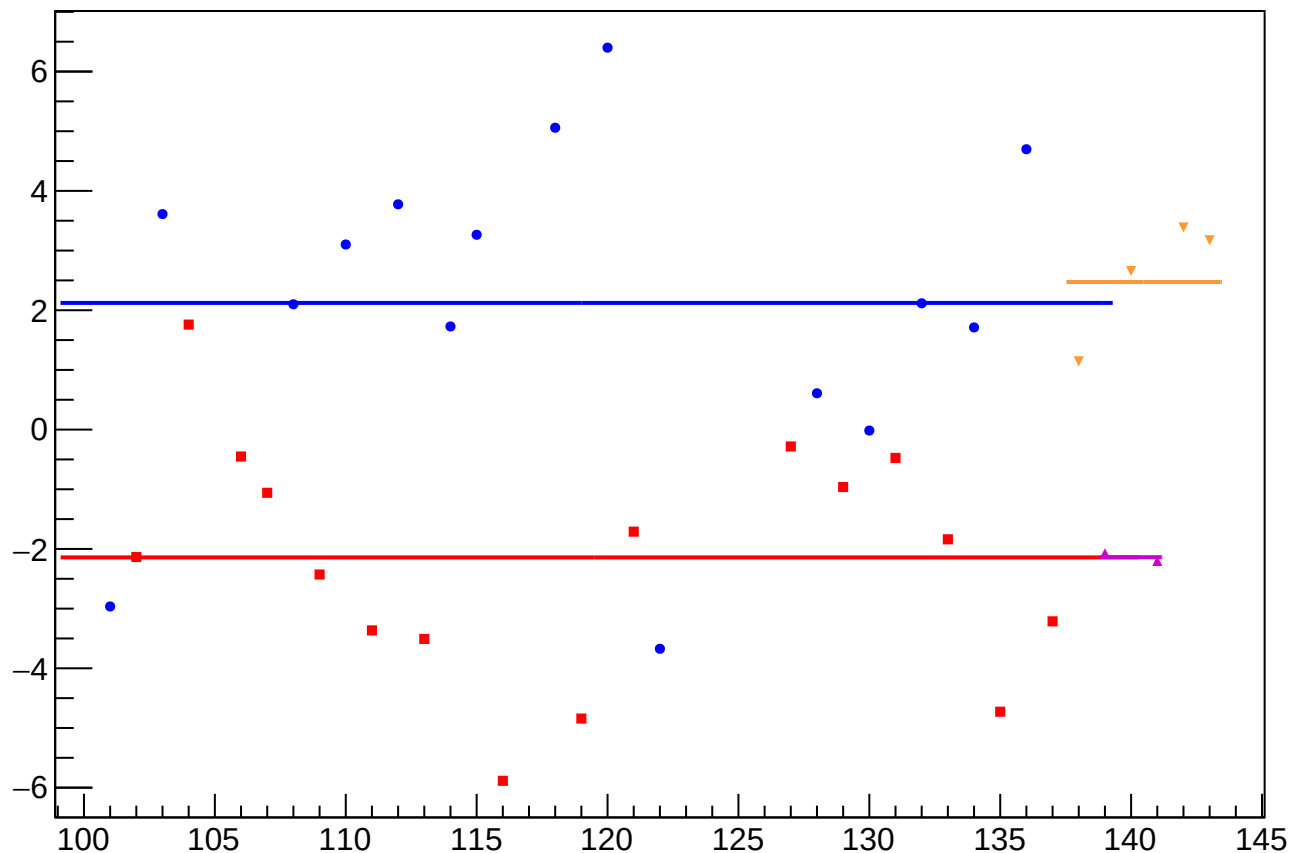
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 939.150+/-0.000 χ^2/NDF : 5607072931666446089606960330320117760.0/3

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

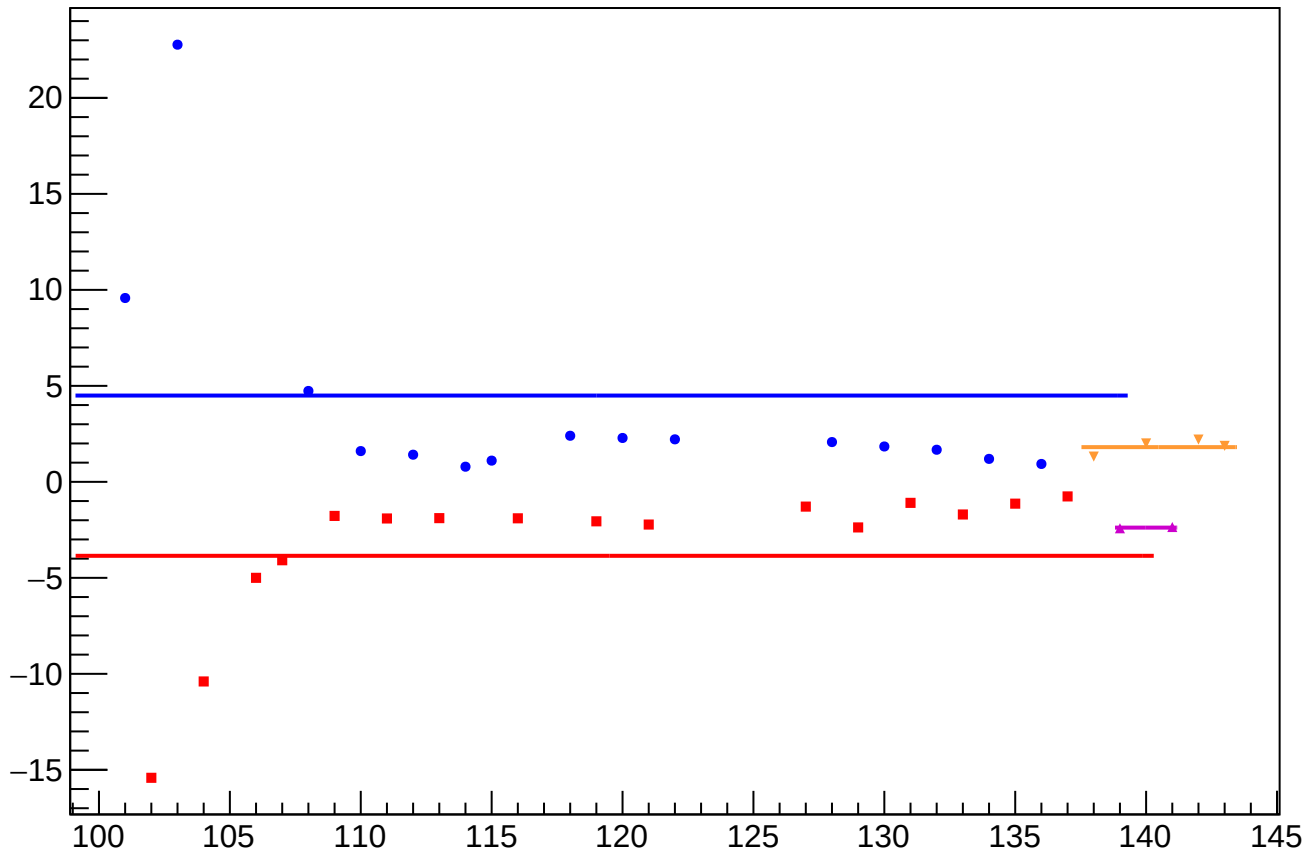
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_4aX_coil6_mean vs Slug, Sign Corrected



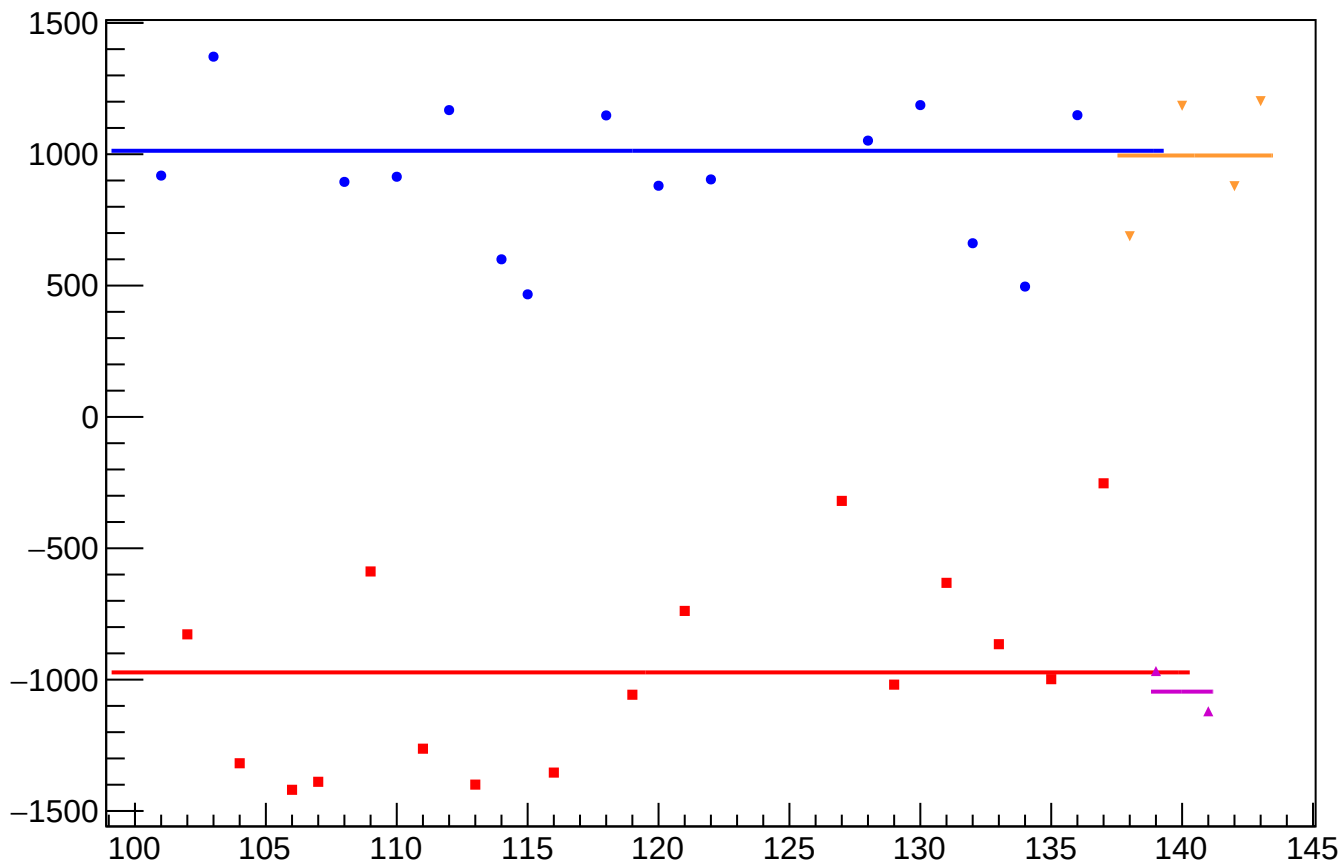
Right In: 2.123+/-0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14
 Left Out: 2.474+/-0.000 χ^2/NDF : 211831530417270803502716480913408.0/3
 Right Out: -2.142+/-0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15
 Left In: -2.138+/-0.000 χ^2/NDF : 688190970526724497982246354944.0/1

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



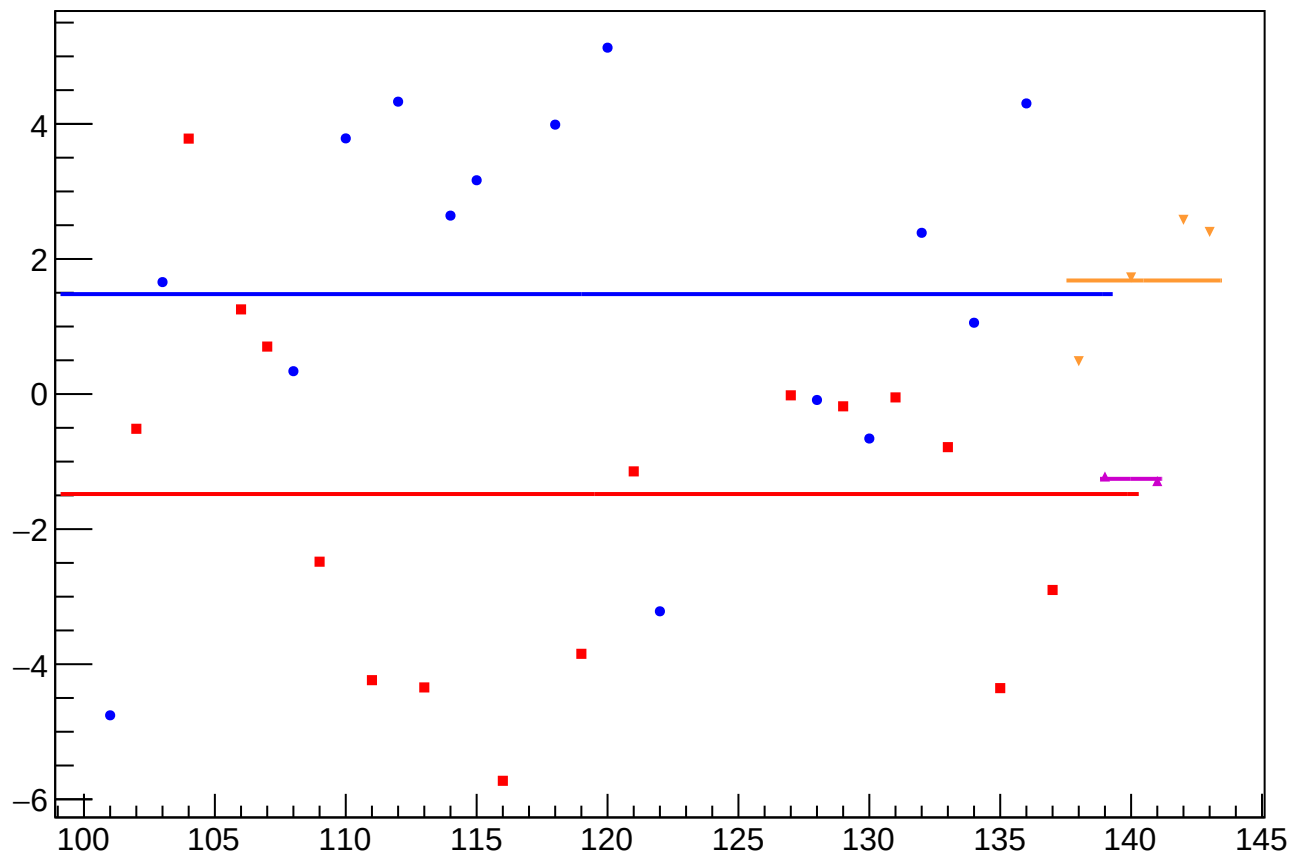
Right In: 4.495 +/- 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14
 Left Out: 1.808 +/- 0.000 χ^2/NDF : 29425893297297598061150010867712.0/3
 Right Out: -3.852 +/- 0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15
 Left In: -2.384 +/- 0.000 χ^2/NDF : 177999753093581773921809596416.0/1

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: -1045.687+/-0.000	χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_4eX_coil6_mean vs Slug, Sign Corrected



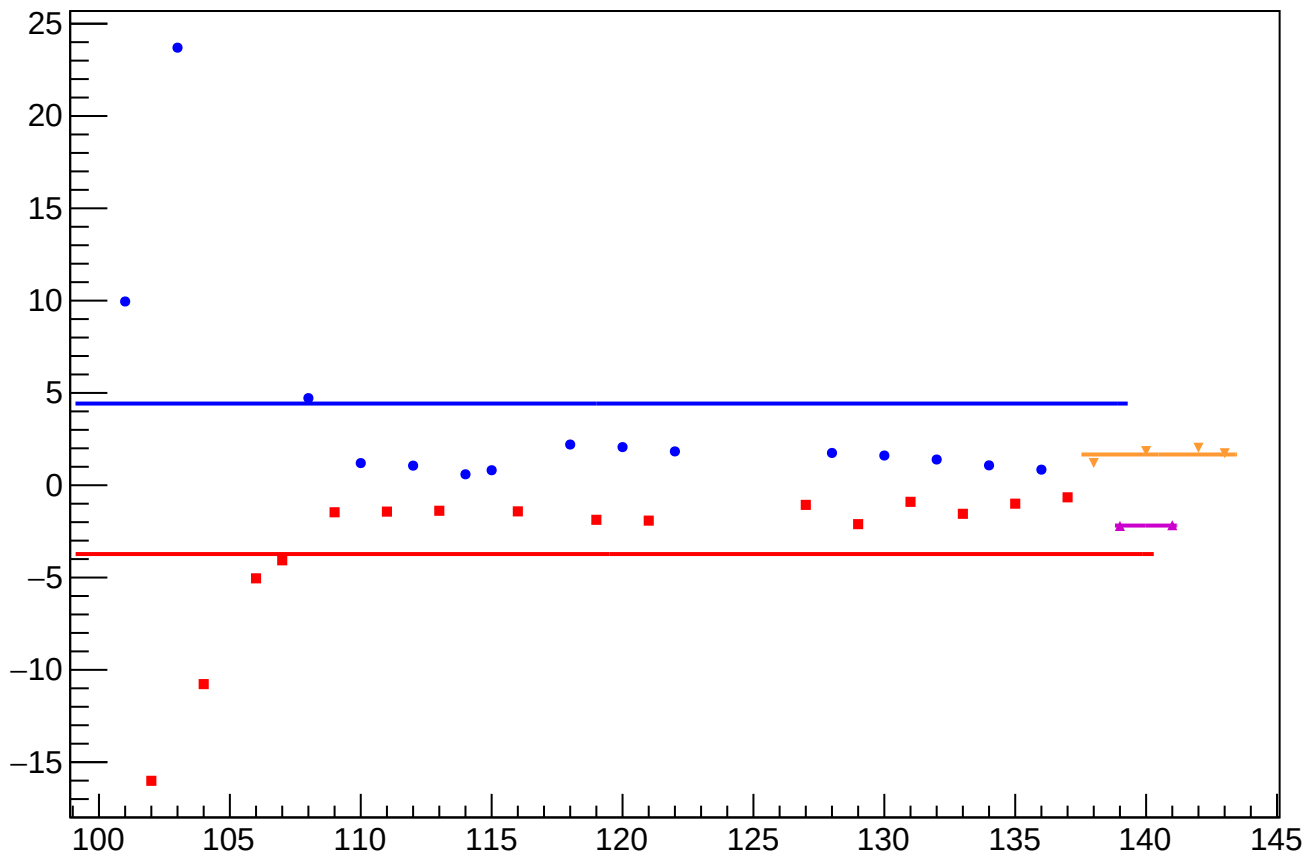
Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 1.682+/-0.000 χ^2/NDF : 183303908253128646042512005267456.0/3

Right Out: -1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15

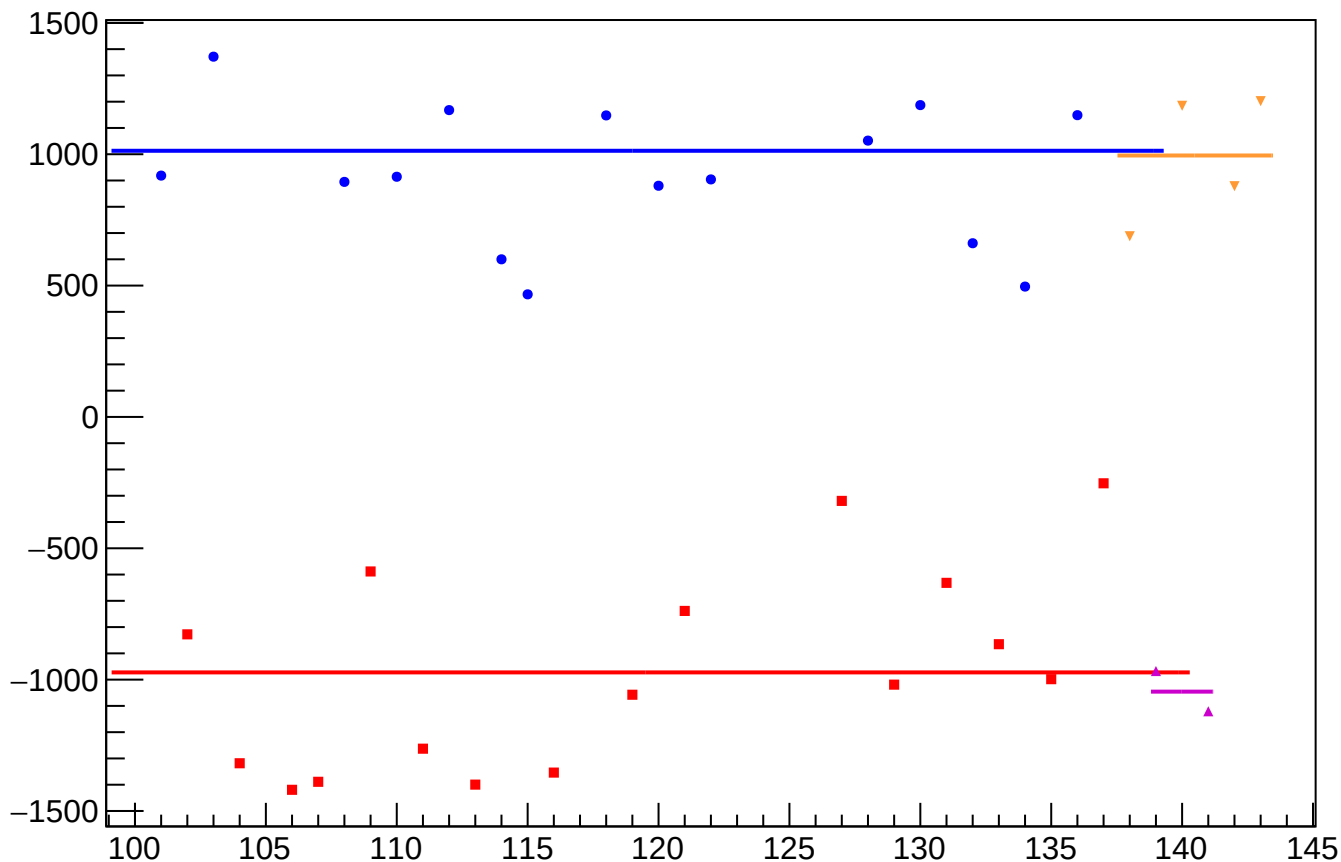
Left In: -1.255+/-0.000 χ^2/NDF : 190512210038681042511651143680.0/1

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



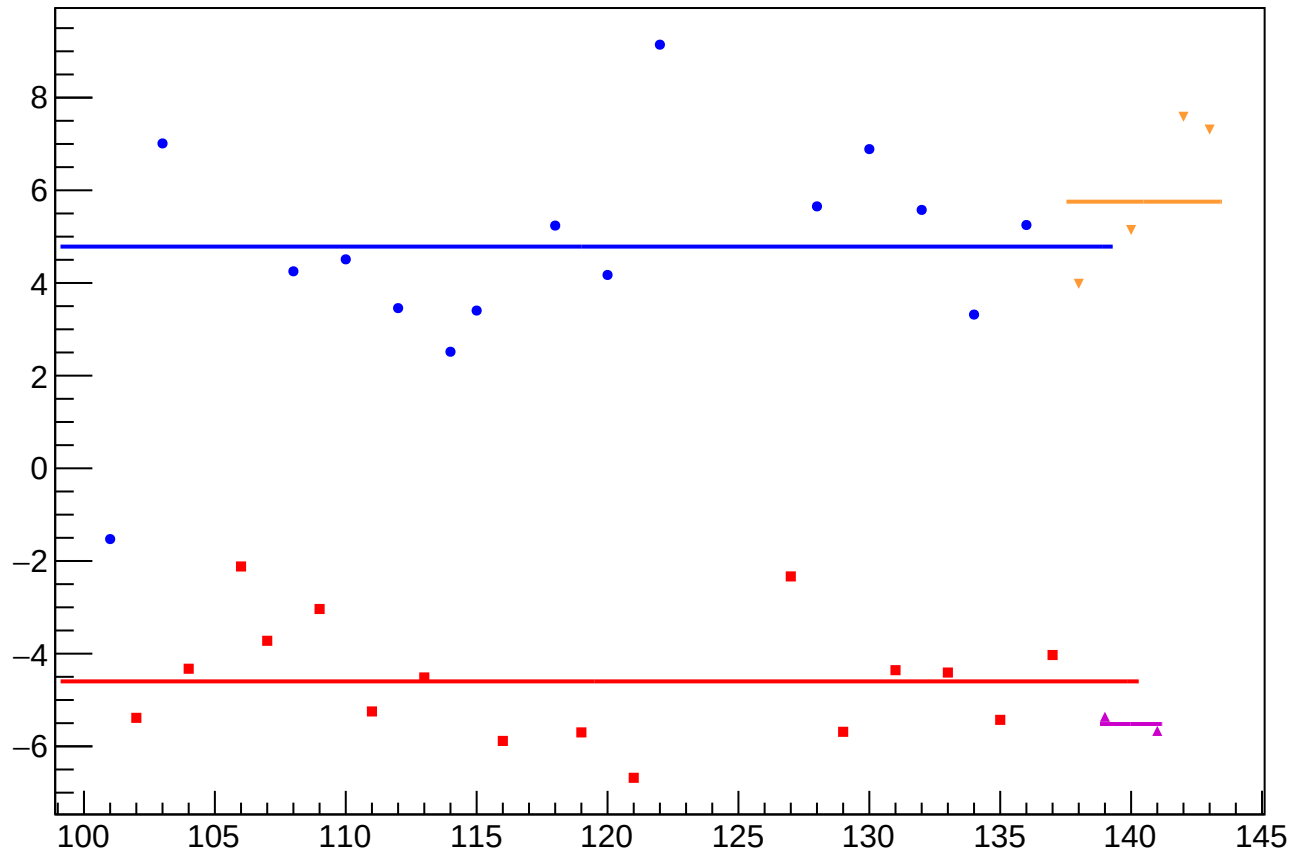
Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14
 Left Out: 1.666+/-0.000 χ^2/NDF : 25809628845596465238923871780864.0/3
 Right Out: -3.727+/-0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15
 Left In: -2.184+/-0.000 χ^2/NDF : 65312899576592818012627664896.0/1

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



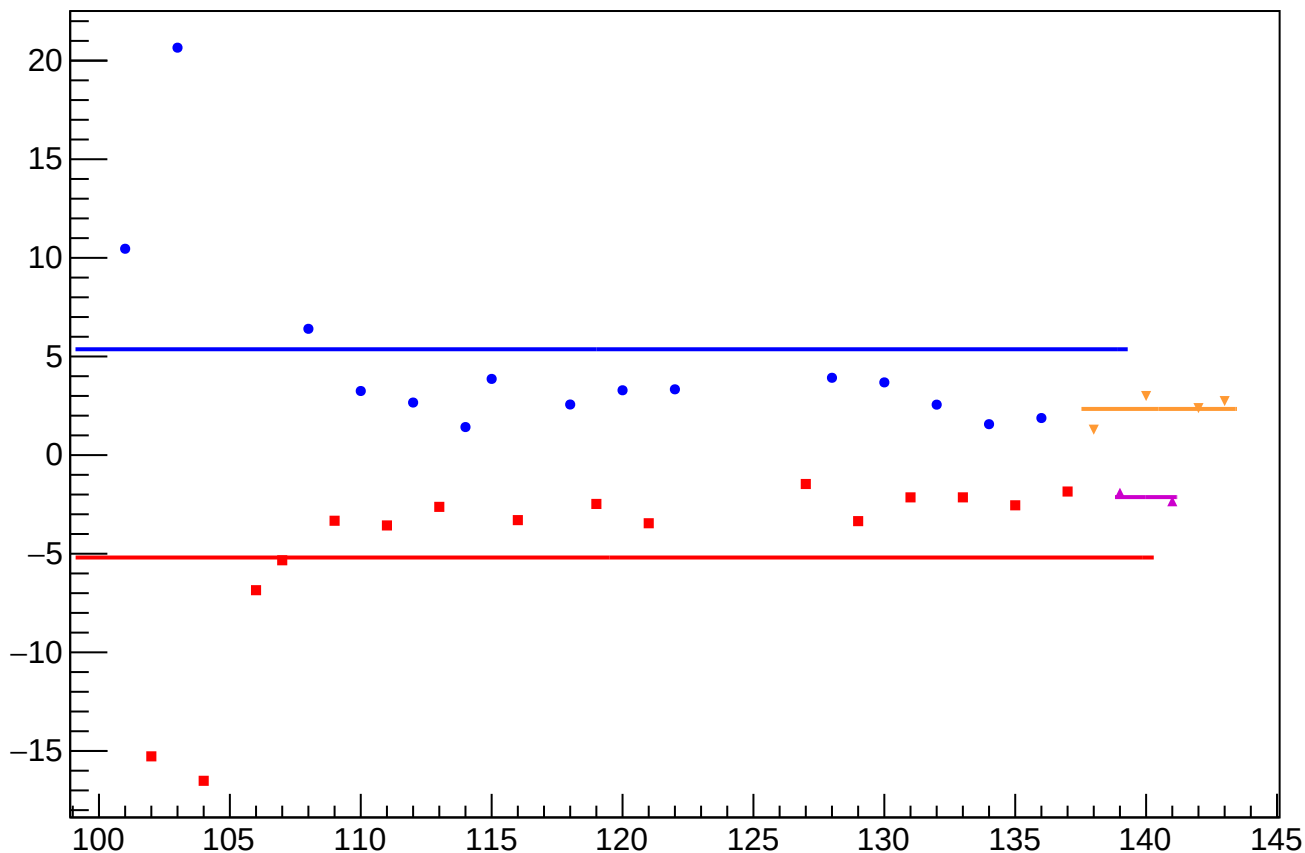
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 995.231 ± 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3
 Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1045.687 ± 0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

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: -5.518 +/- 0.000 χ^2/NDF : 3870615159417457836496208789504.0/1

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



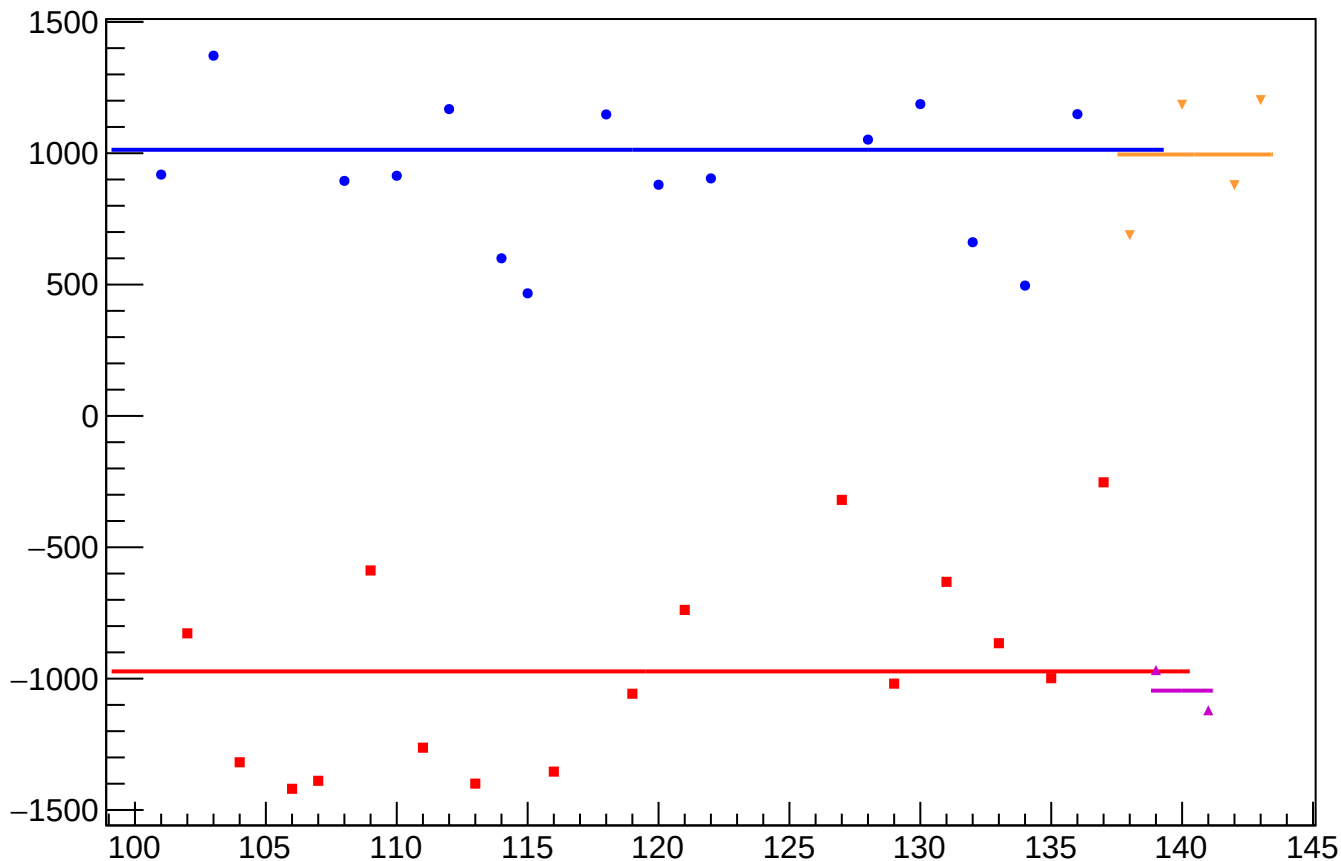
Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

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: -2.129+/-0.000 χ^2/NDF : 7696078065675706939430198575104.0/1

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



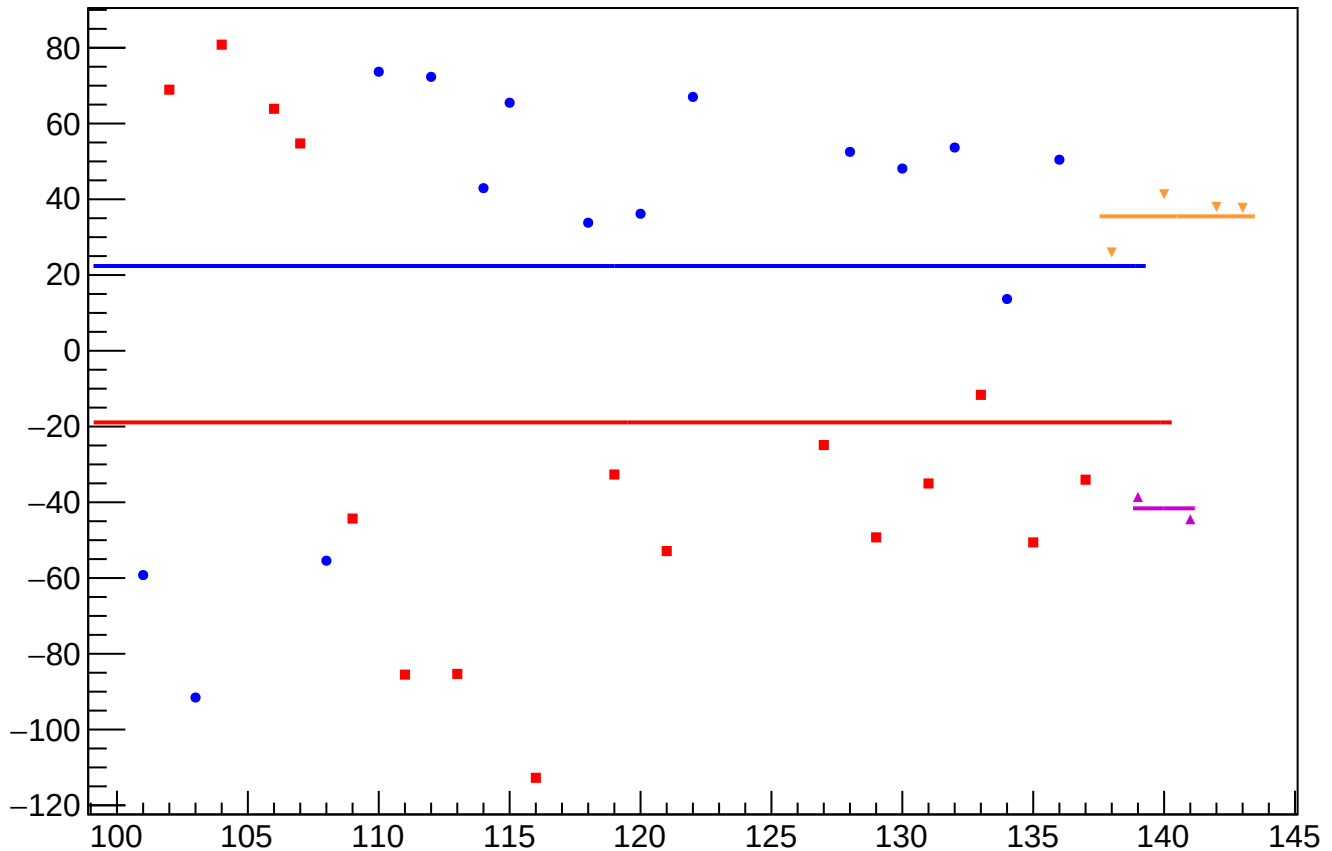
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

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: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_4aY_coil6_mean vs Slug, Sign Corrected



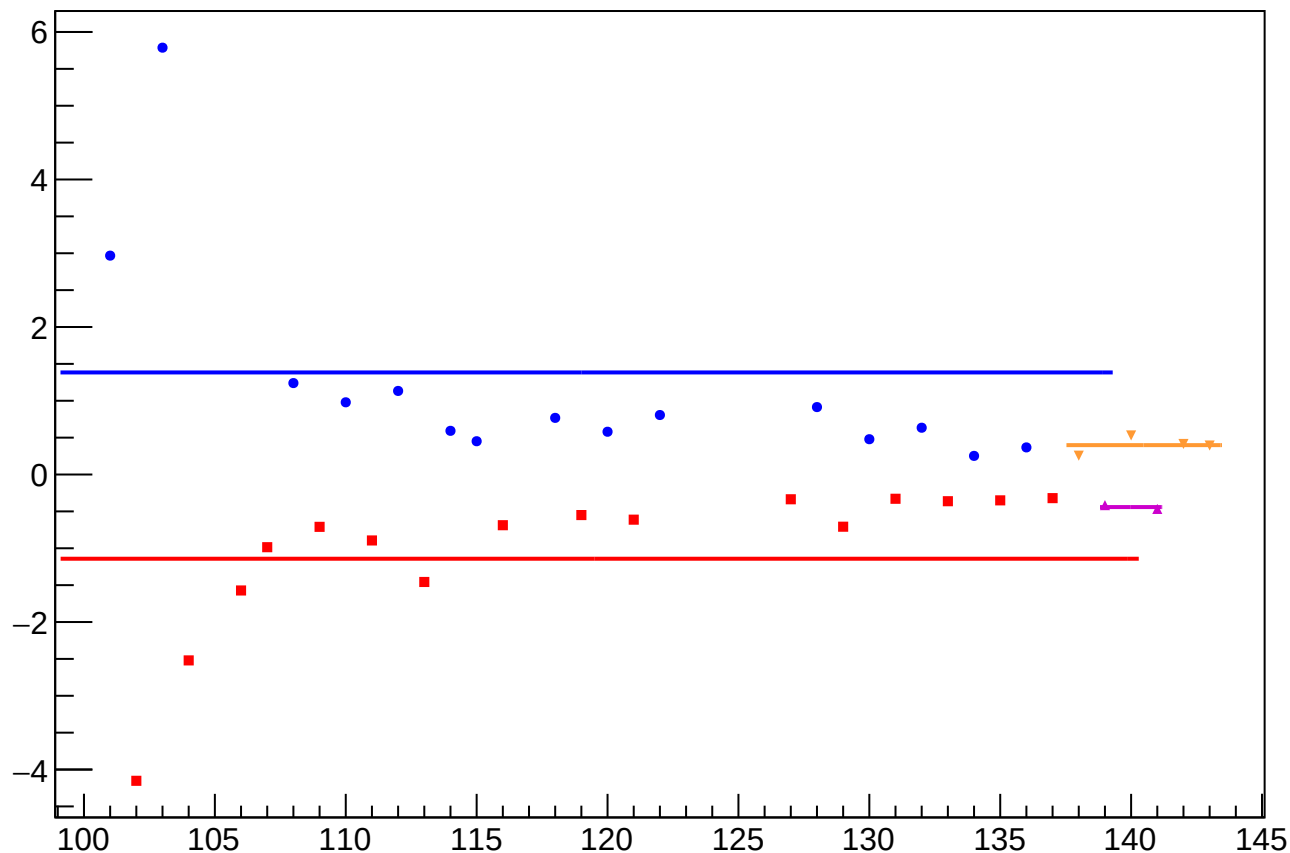
Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 35.493+/-0.000 χ^2/NDF : 10509063747081919195347961090408448.0/3

Right Out: -18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

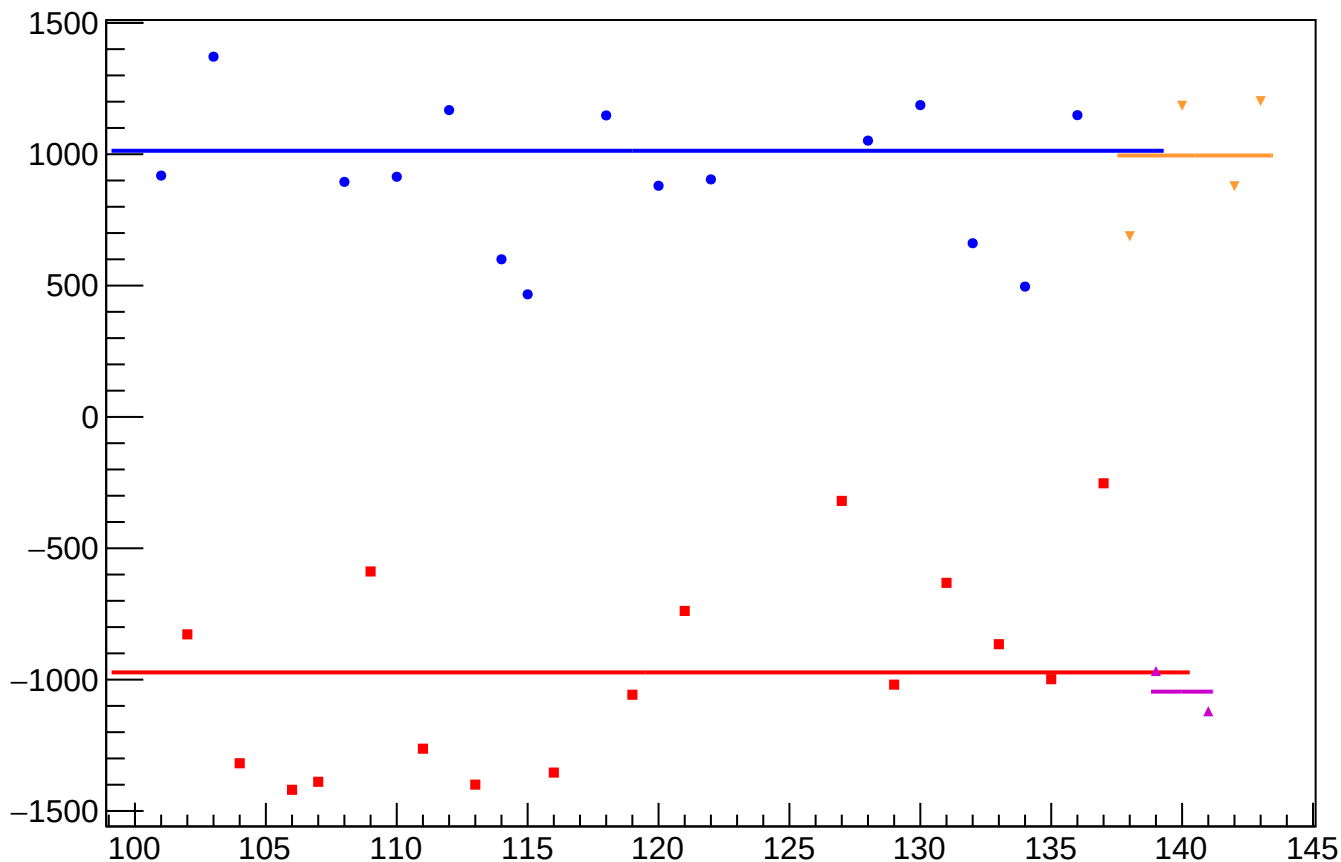
Left In: -41.602+/-0.000 χ^2/NDF : 1435270892026708297277973989425152.0/1

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: -0.441+/-0.000 χ^2/NDF : 109138916307478538822738771968.0/1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



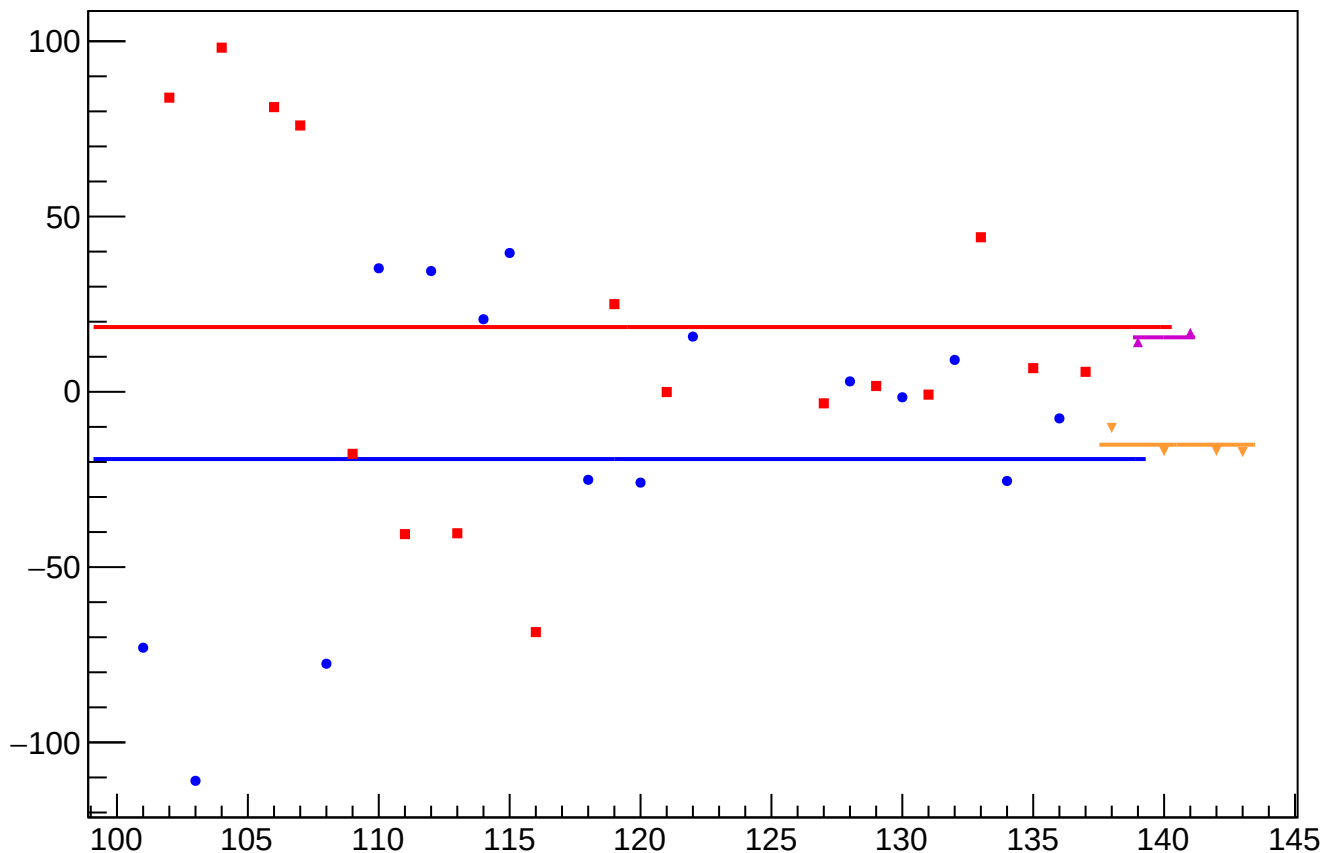
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231 ± 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

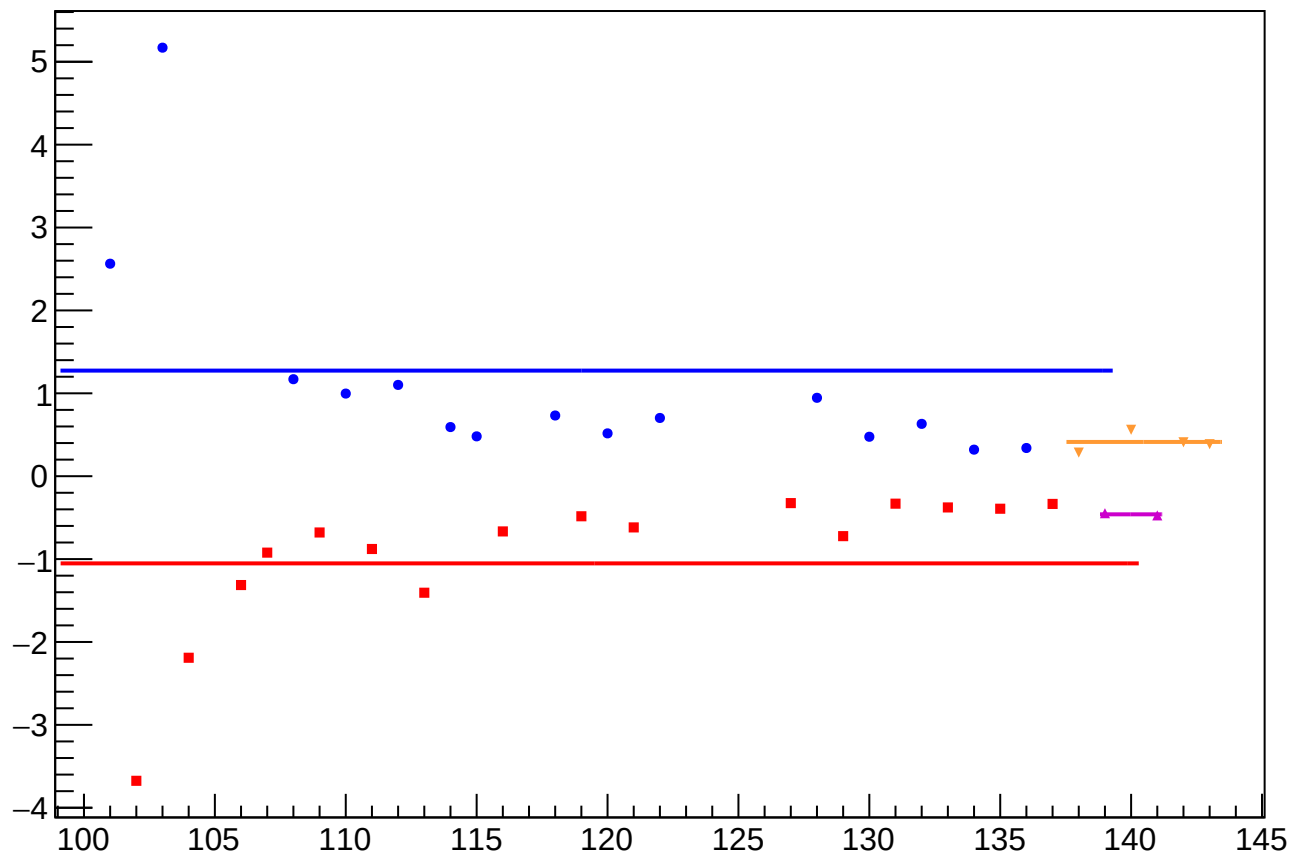
Left In: -1045.687 ± 0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_4eY_coil6_mean vs Slug, Sign Corrected



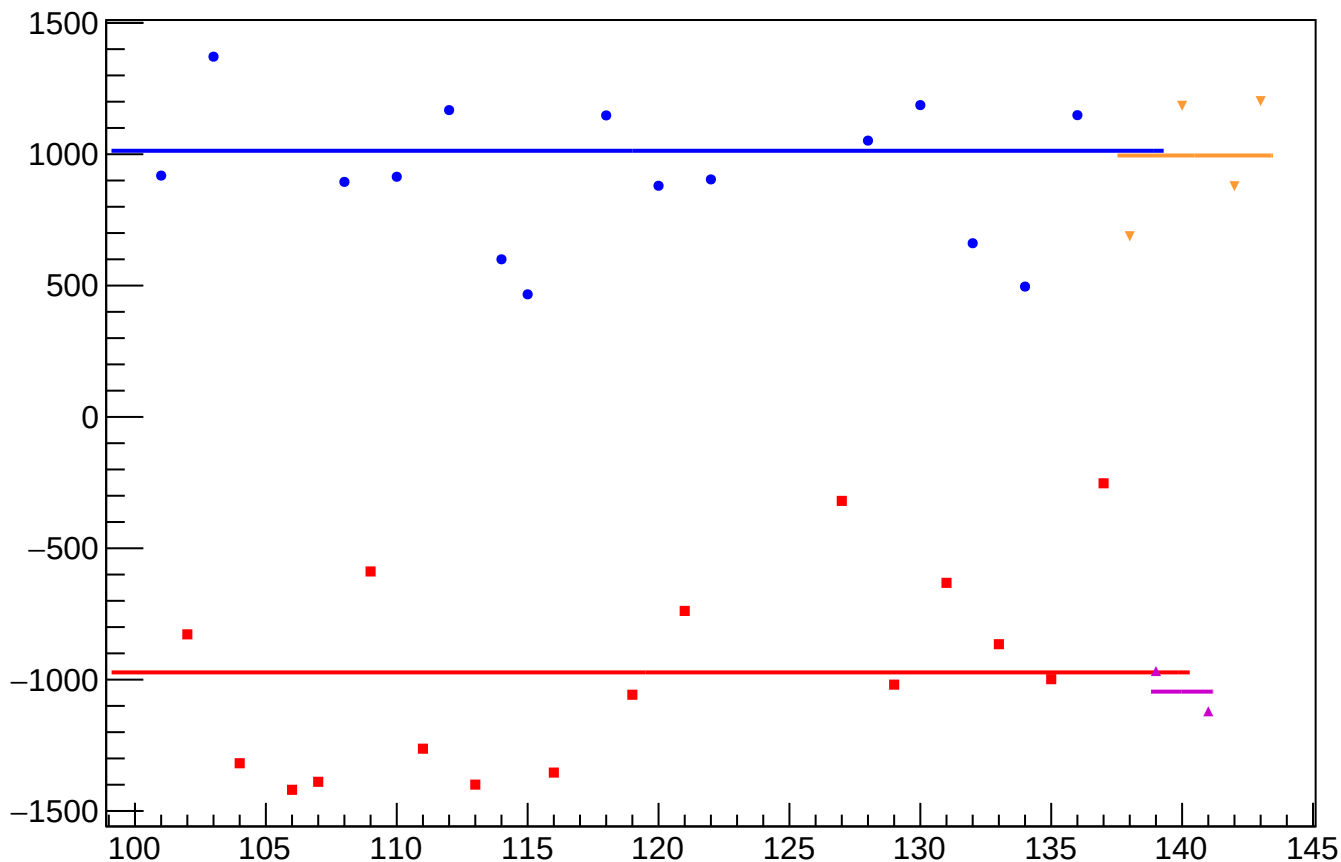
Right In: -19.175 ± 0.000 $\chi^2/\text{NDF}: 1246364705689764961102868160463241216.0/14$
 Left Out: -15.086 ± 0.000 $\chi^2/\text{NDF}: 2507065729335252645628906106257408.0/3$
 Right Out: 18.479 ± 0.000 $\chi^2/\text{NDF}: 1489398115046175180640331393369374720.0/15$
 Left In: 15.548 ± 0.000 $\chi^2/\text{NDF}: 295313180032183798441545266364416.0/1$

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 1.274 $\pm$ 0.000 χ^2 /NDF: 1212041476631073599154045304438784.0/14
 Left Out: 0.413 $\pm$ 0.000 χ^2 /NDF: 3099657026170121235946989944832.0/3
 Right Out: -1.052 $\pm$ 0.000 χ^2 /NDF: 607316121057753919194559126962176.0/15
 Left In: -0.460 $\pm$ 0.000 χ^2 /NDF: 28676651237669113686858399744.0/1

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



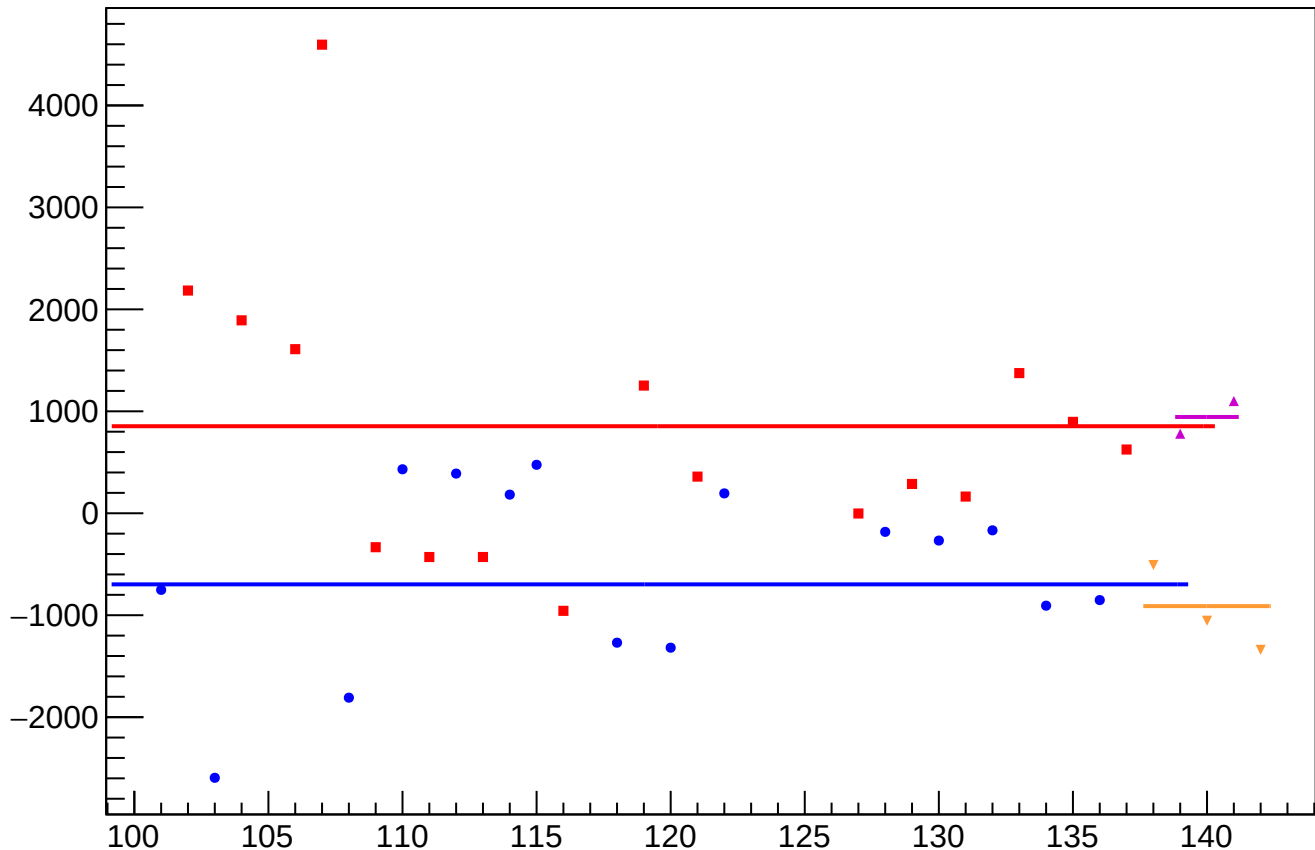
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

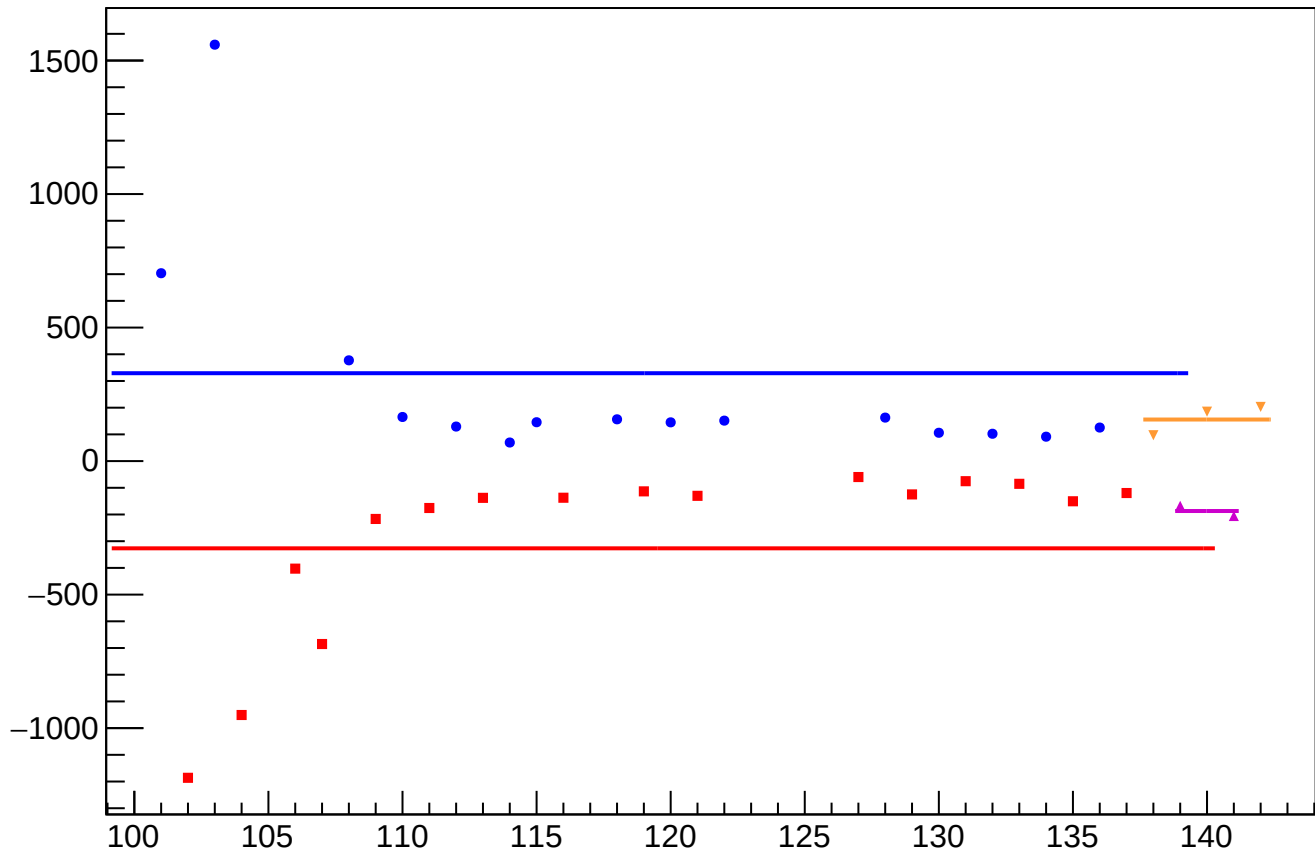
Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_usl_coil6_mean vs Slug, Sign Corrected



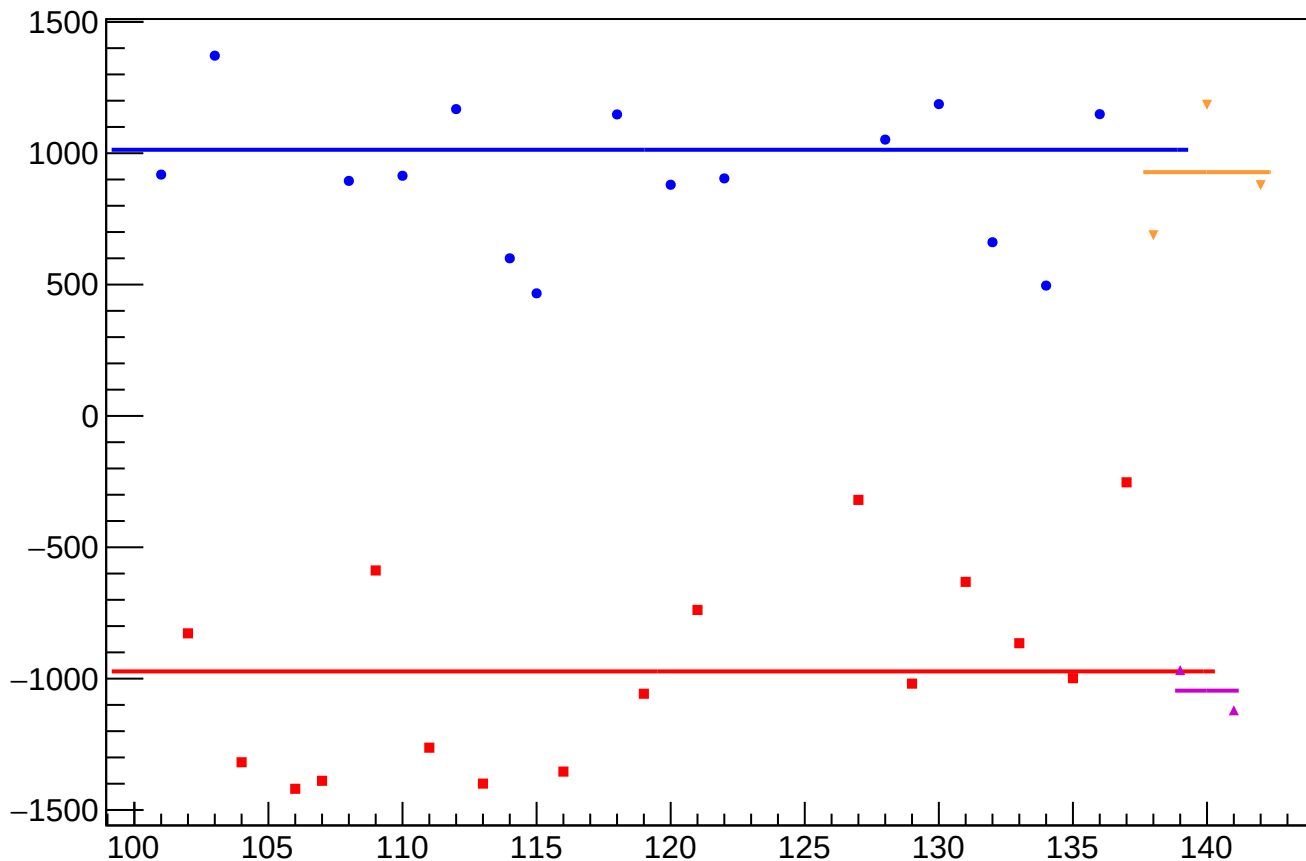
Right In: -697.283+/-0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14
 Left Out: -910.870+/-0.000 χ^2/NDF : 22820019646586669628480495119138553856.0/2
 Right Out: 853.734+/-0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15
 Left In: 944.426+/-0.000 χ^2/NDF : 4260670985639431005147582372981506048.0/1

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: -186.954 +/- 0.000 χ^2/NDF : 60557898973665265387524180739620864.0/1

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



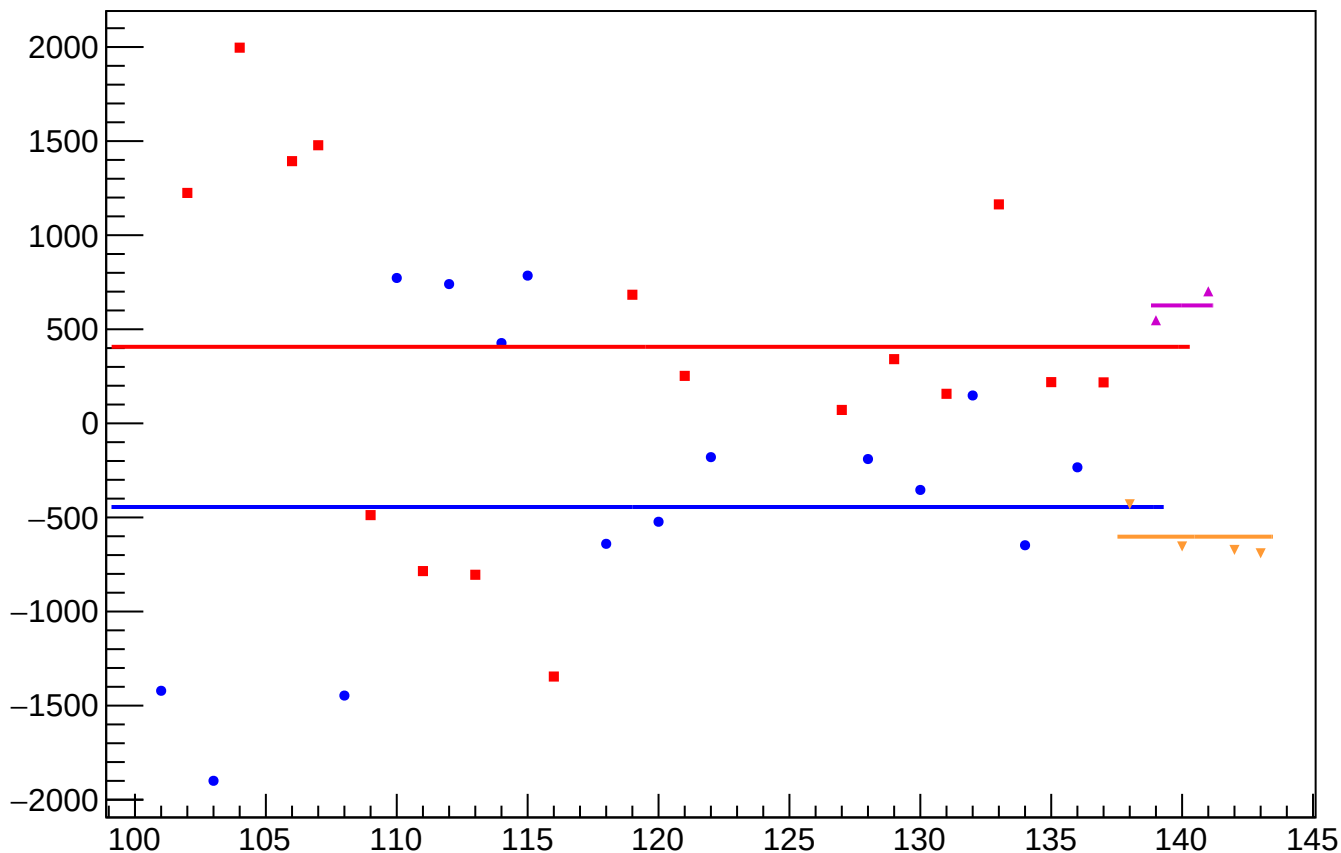
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 927.985+/-0.000 χ^2/NDF : 10009056230898065180844395181394362368.0/2

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

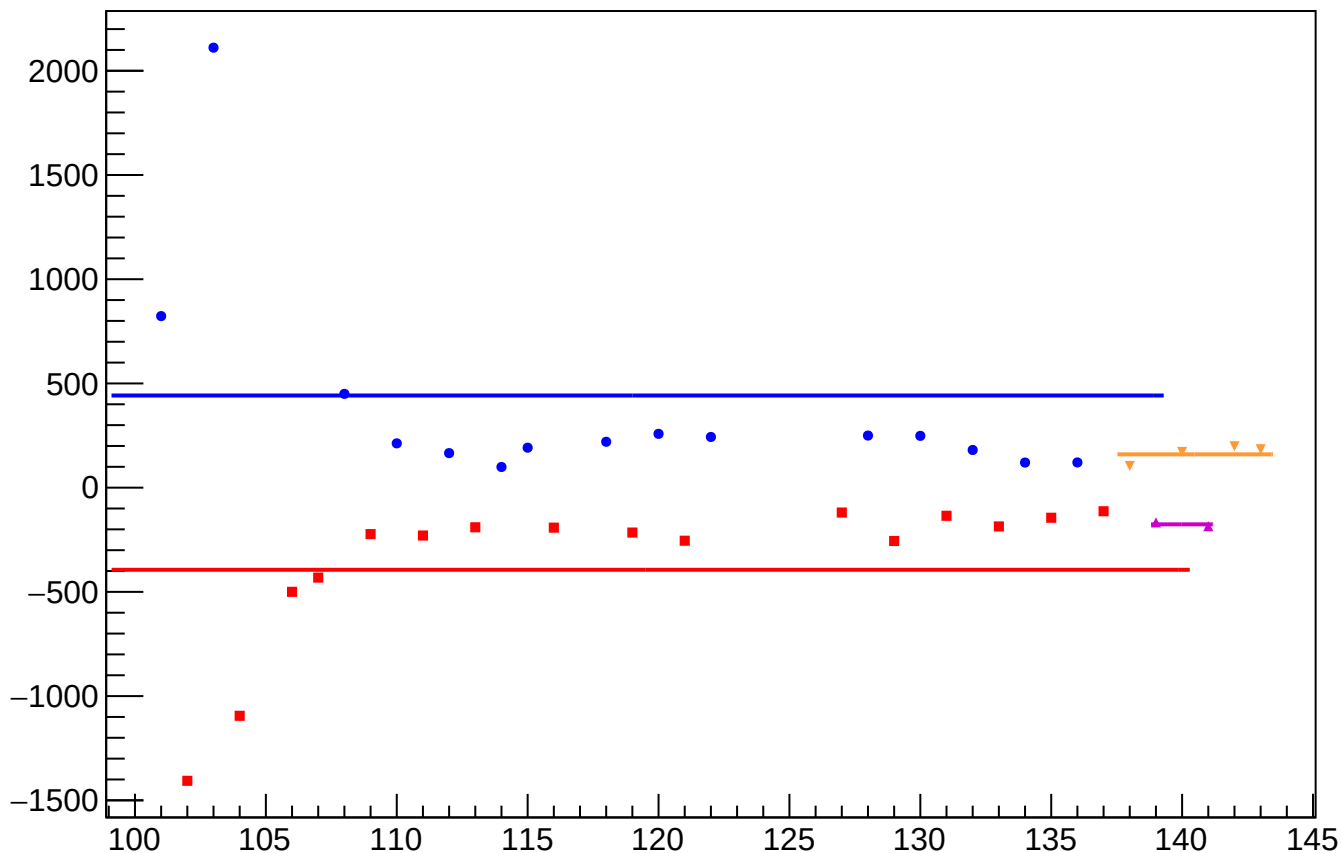
Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

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: 626.708 +/- 0.000 χ^2/NDF : 978400239714787313103183897664946176.0/1

dit_usr_coil6_err_mean vs Slug, Sign Corrected



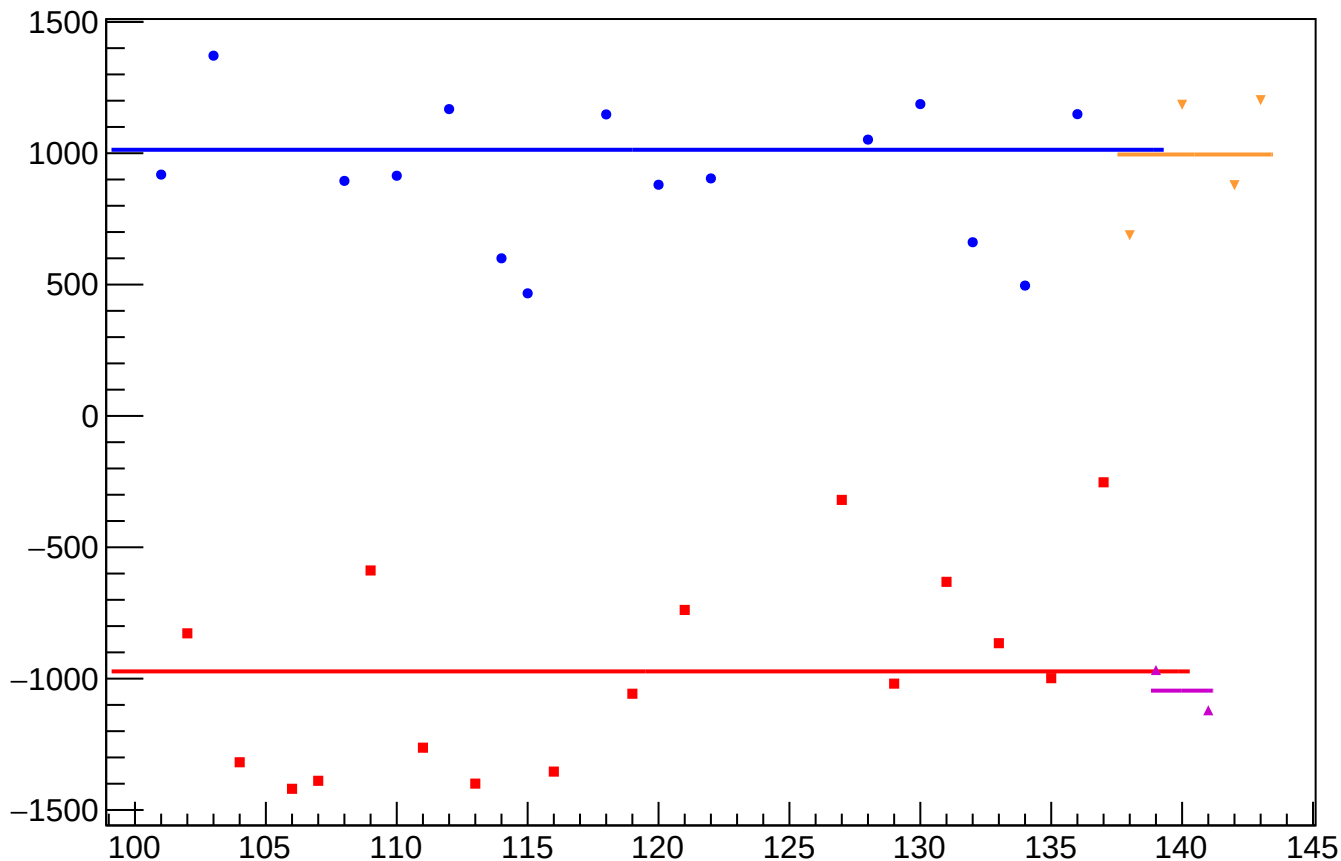
Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

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: -175.991+/-0.000 χ^2/NDF : 13890639975547150721508315309801472.0/1

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



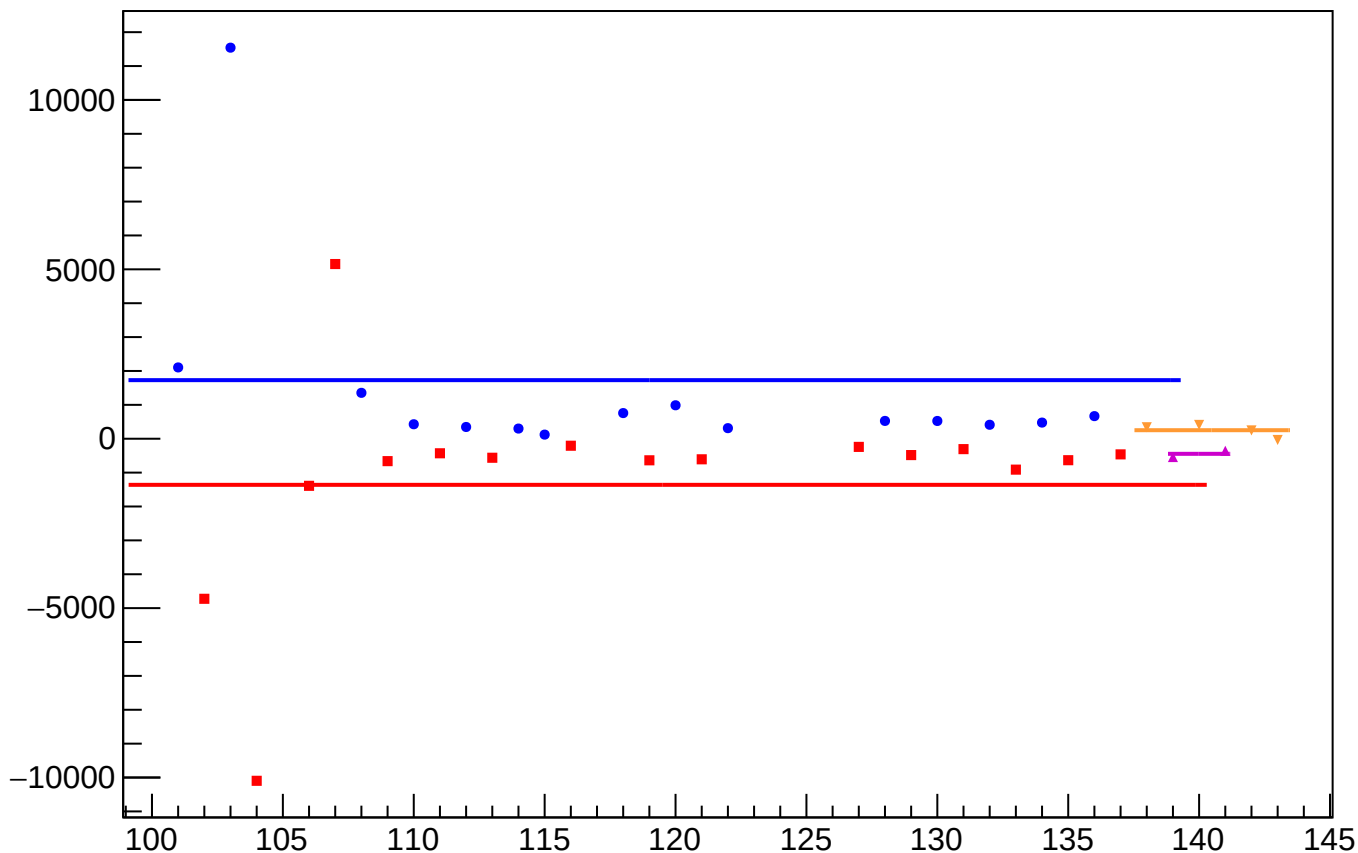
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

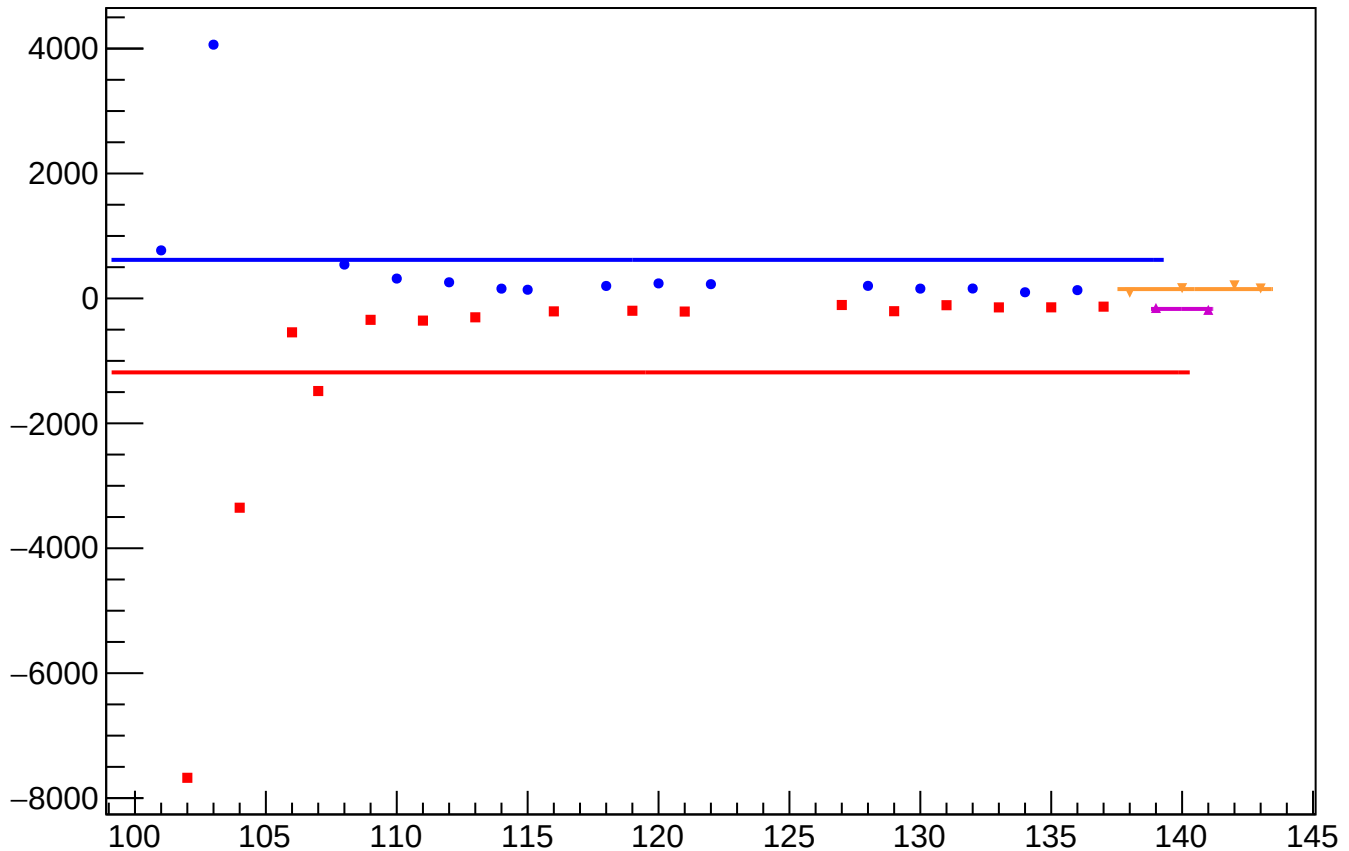
Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

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: -445.563+/-0.000 χ^2/NDF : 1424798255664115649188154826857381888.0/1

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



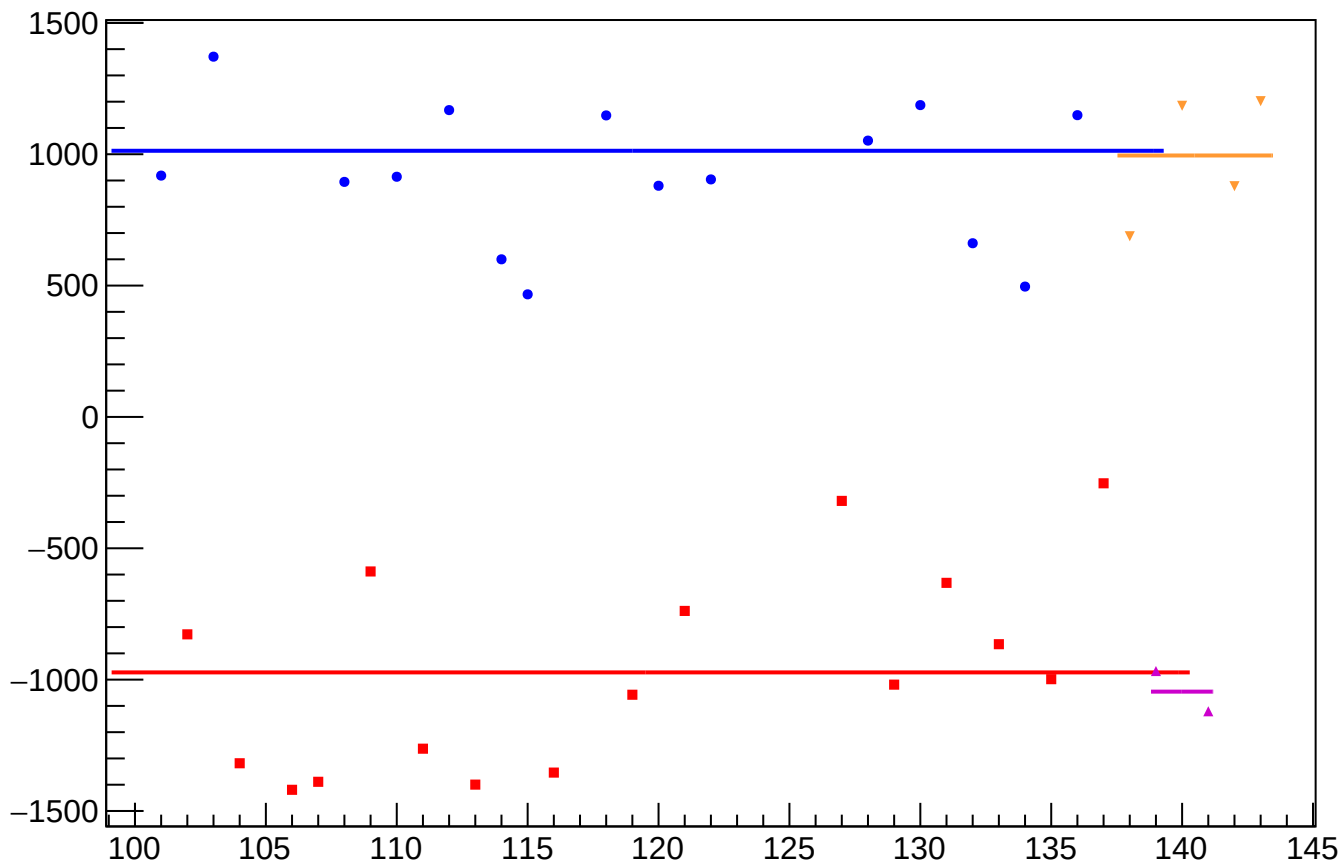
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

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: -168.259+/-0.000 χ^2/NDF : 38354654164112710649043844291624960.0/1

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



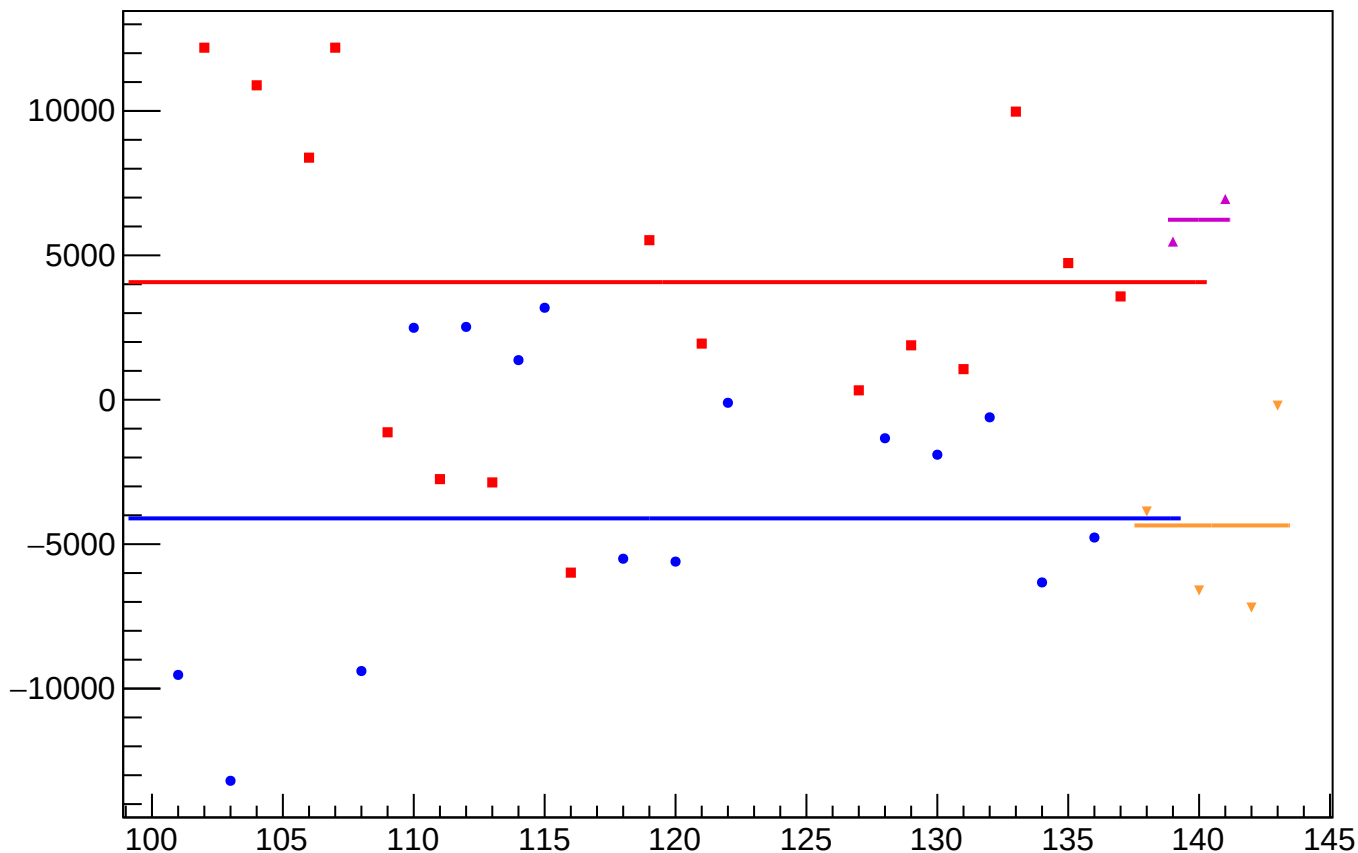
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

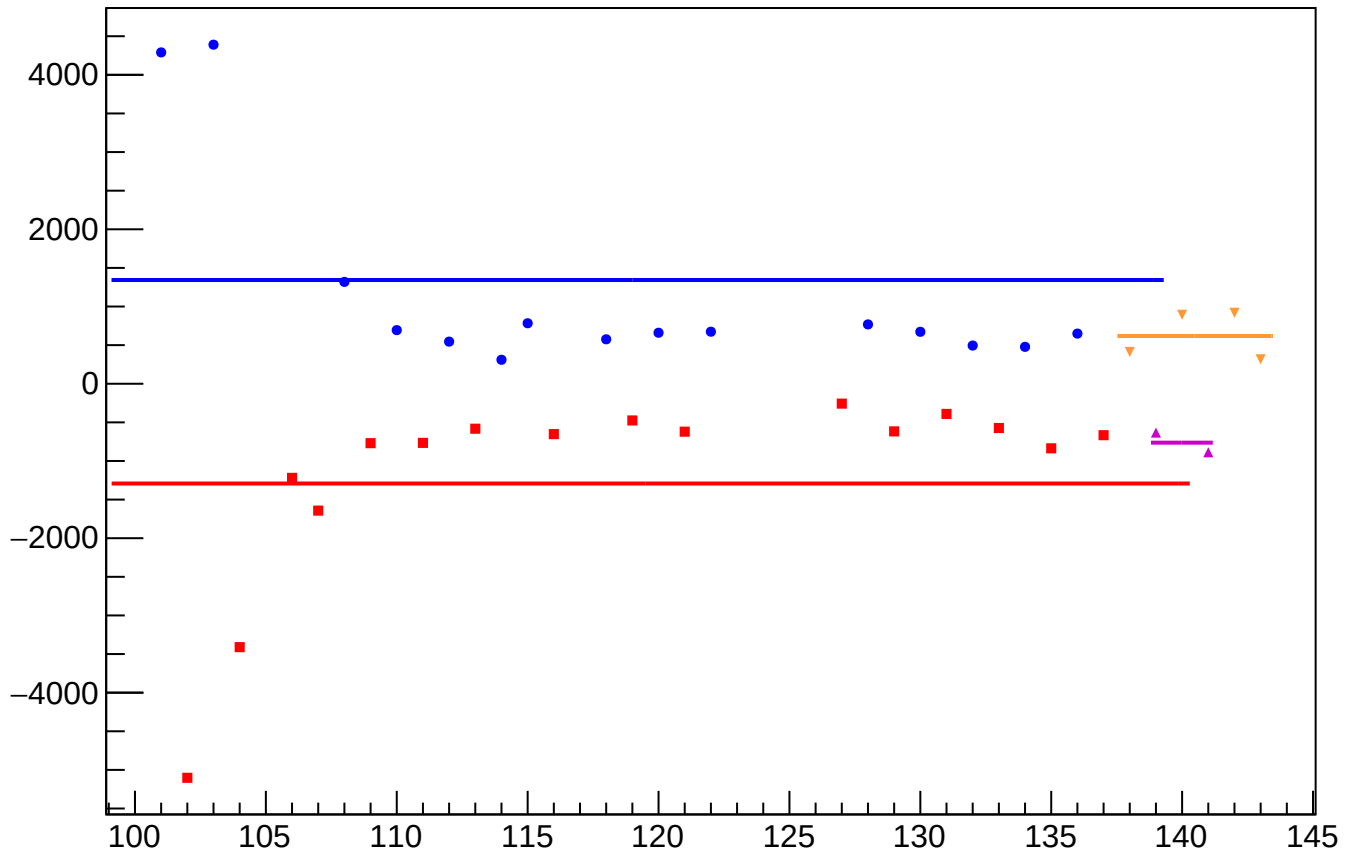
Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_atl2_coil6_mean vs Slug, Sign Corrected



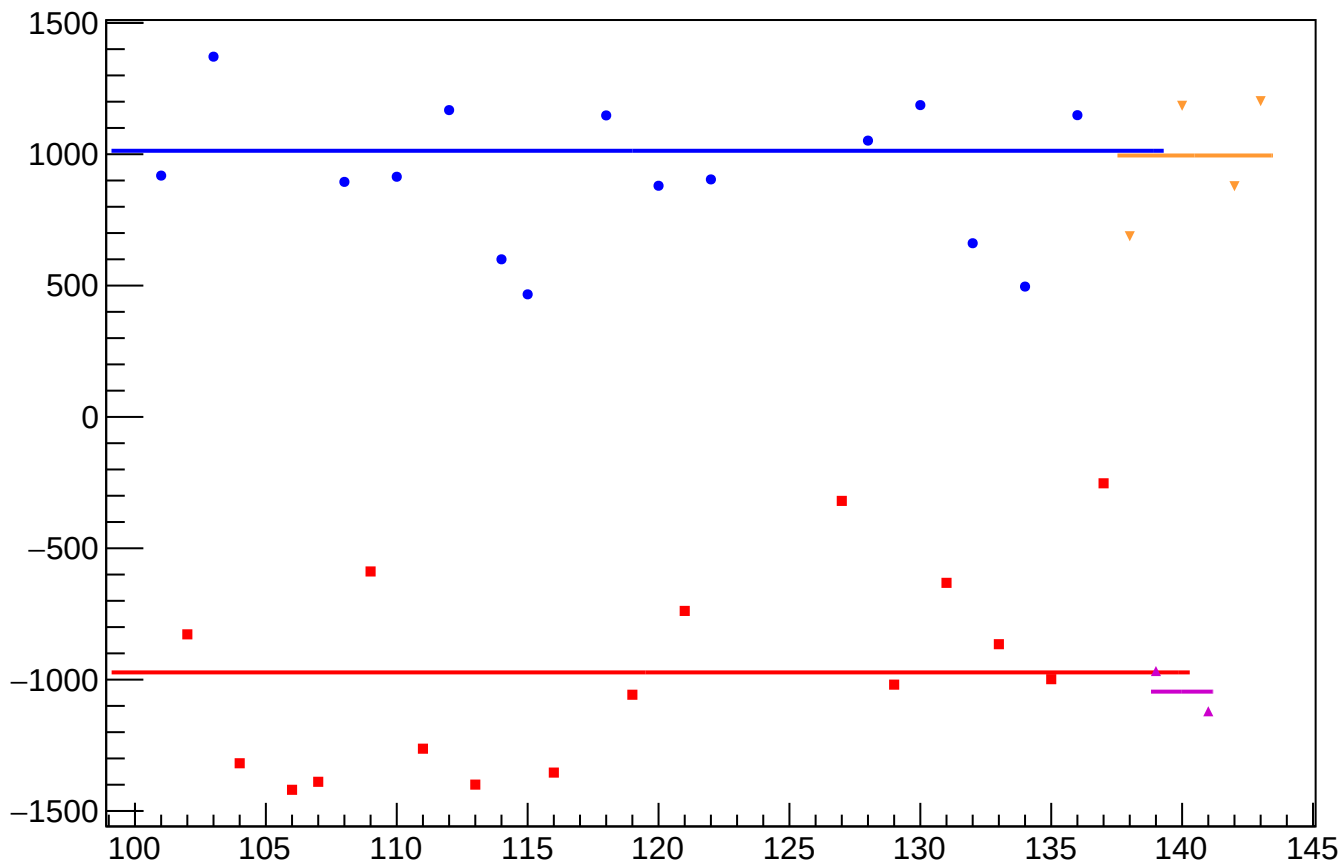
Right In: -4107.443+/-0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -4351.351+/-0.000 χ^2/NDF : 1958161114710212721605961986320296312832.0/3
 Right Out: 4072.120+/-0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: 6232.505+/-0.000 χ^2/NDF : 90130037001362362626389193108903428096.0/1

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: -762.798 +/- 0.000 χ^2/NDF : 2687126406394388273700130460891348992.0/1

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



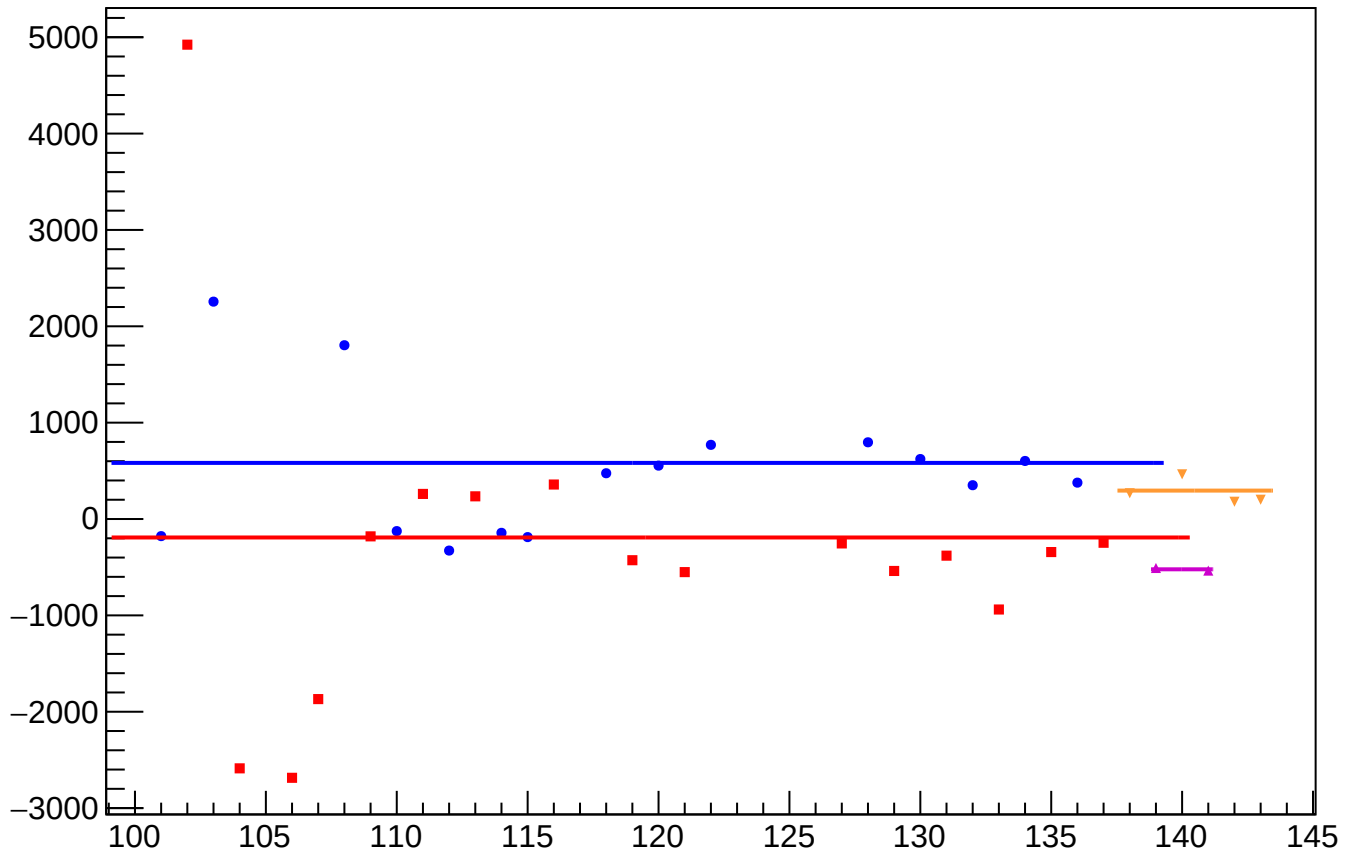
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

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: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_atr1_coil6_mean vs Slug, Sign Corrected



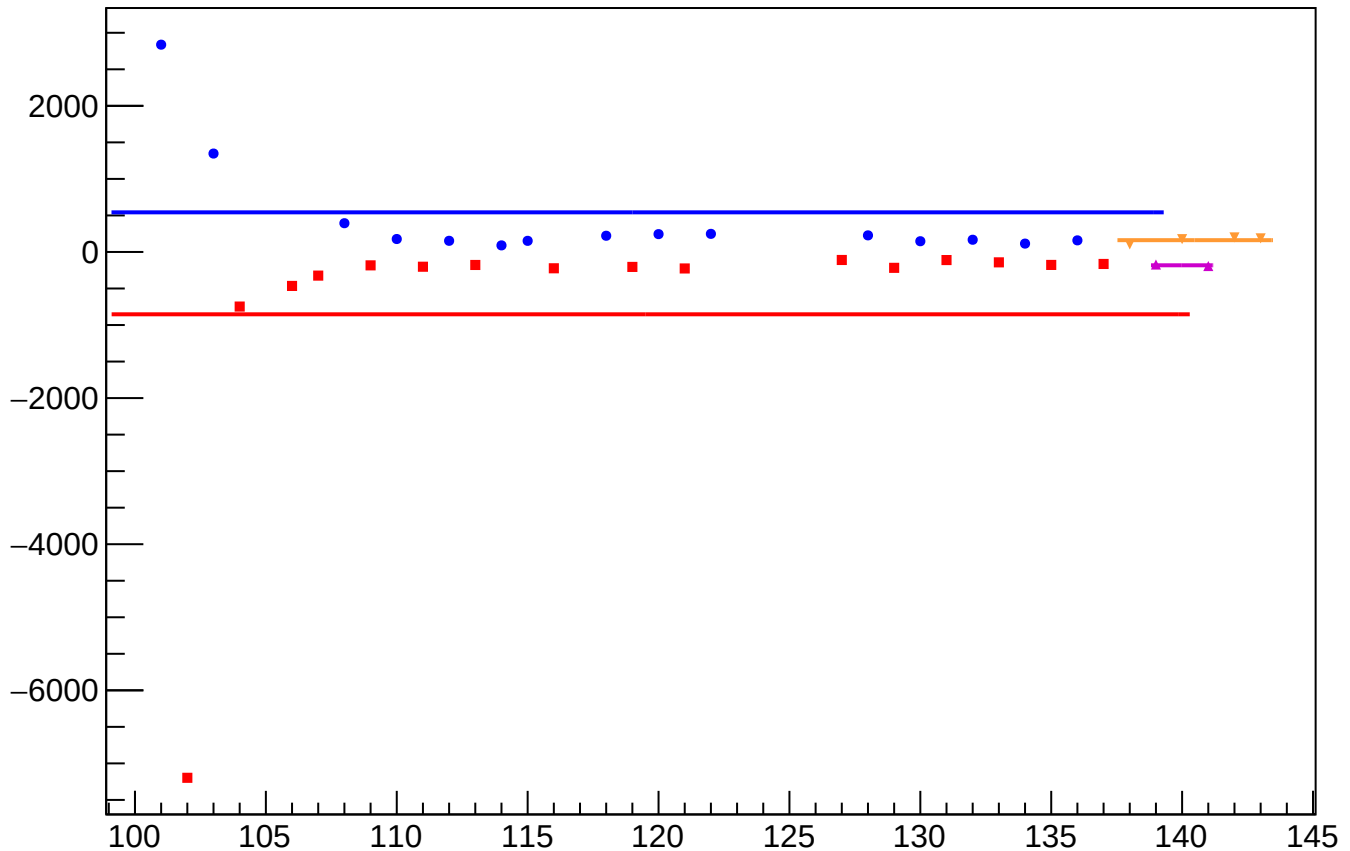
Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

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: -521.949+/-0.000 χ^2/NDF : 30583720520907610835015584949731328.0/1

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



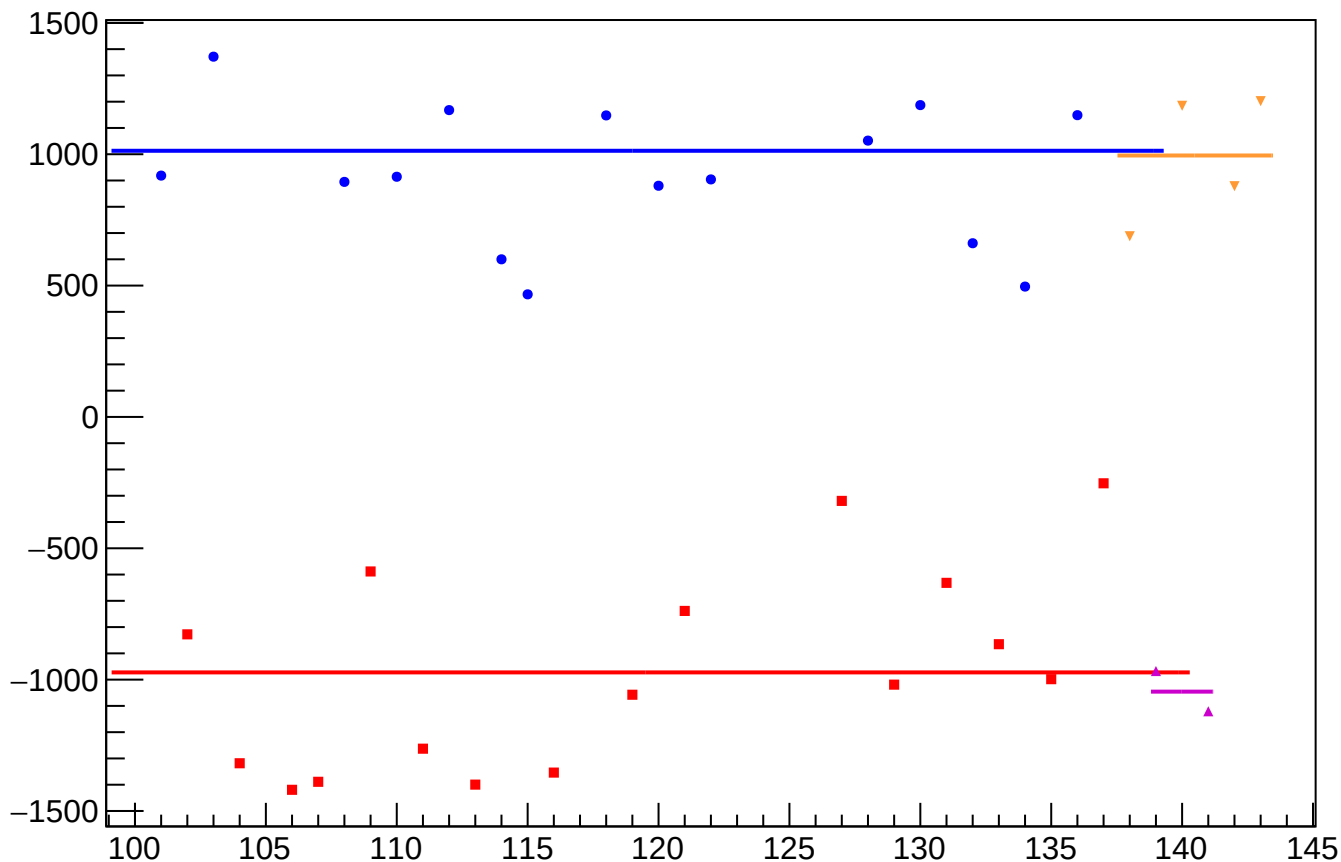
Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

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: -182.356+/-0.000 χ^2/NDF : 17977197487839256891496431374827520.0/1

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



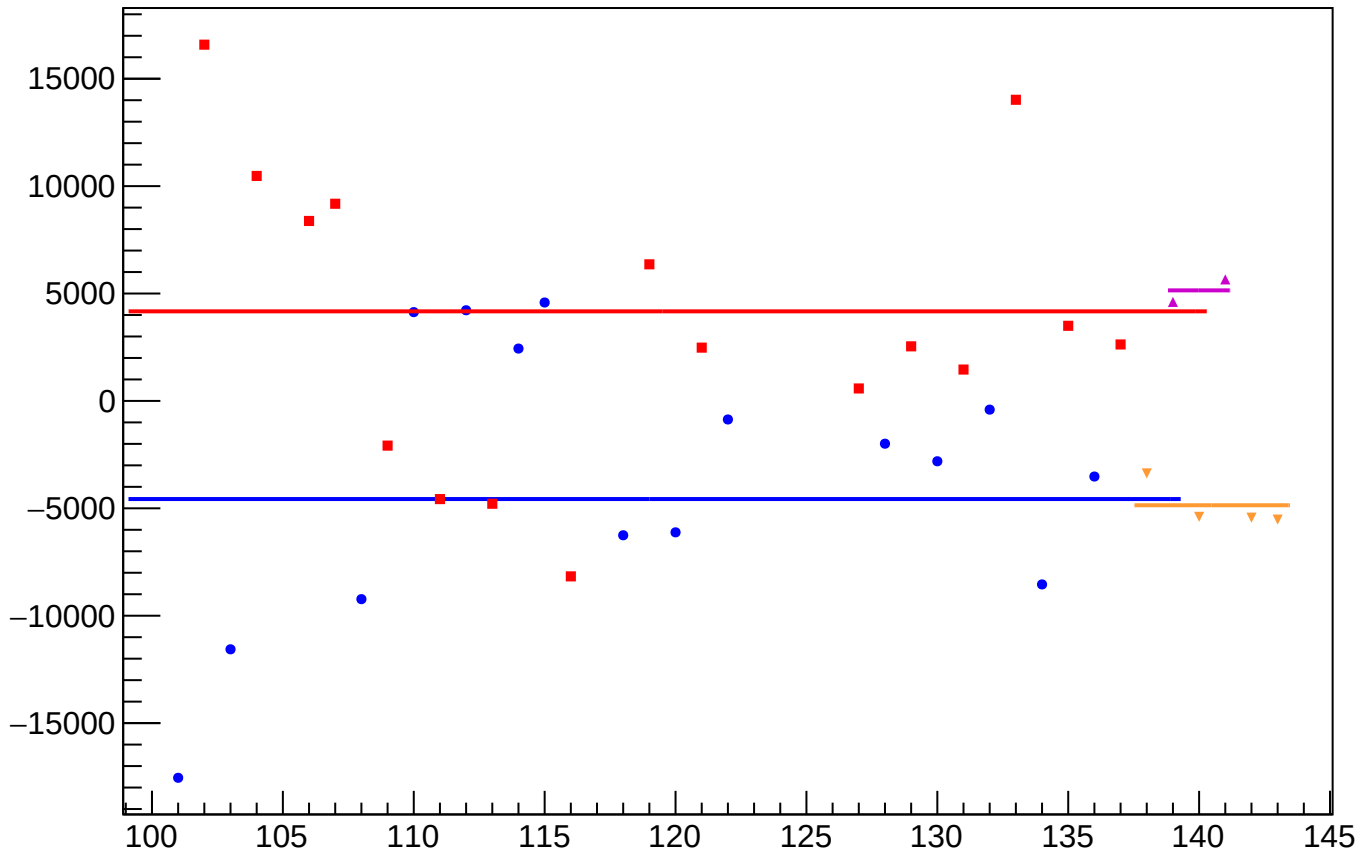
Right In: 1013.146 $\pm$ 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231 $\pm$ 0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465 $\pm$ 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

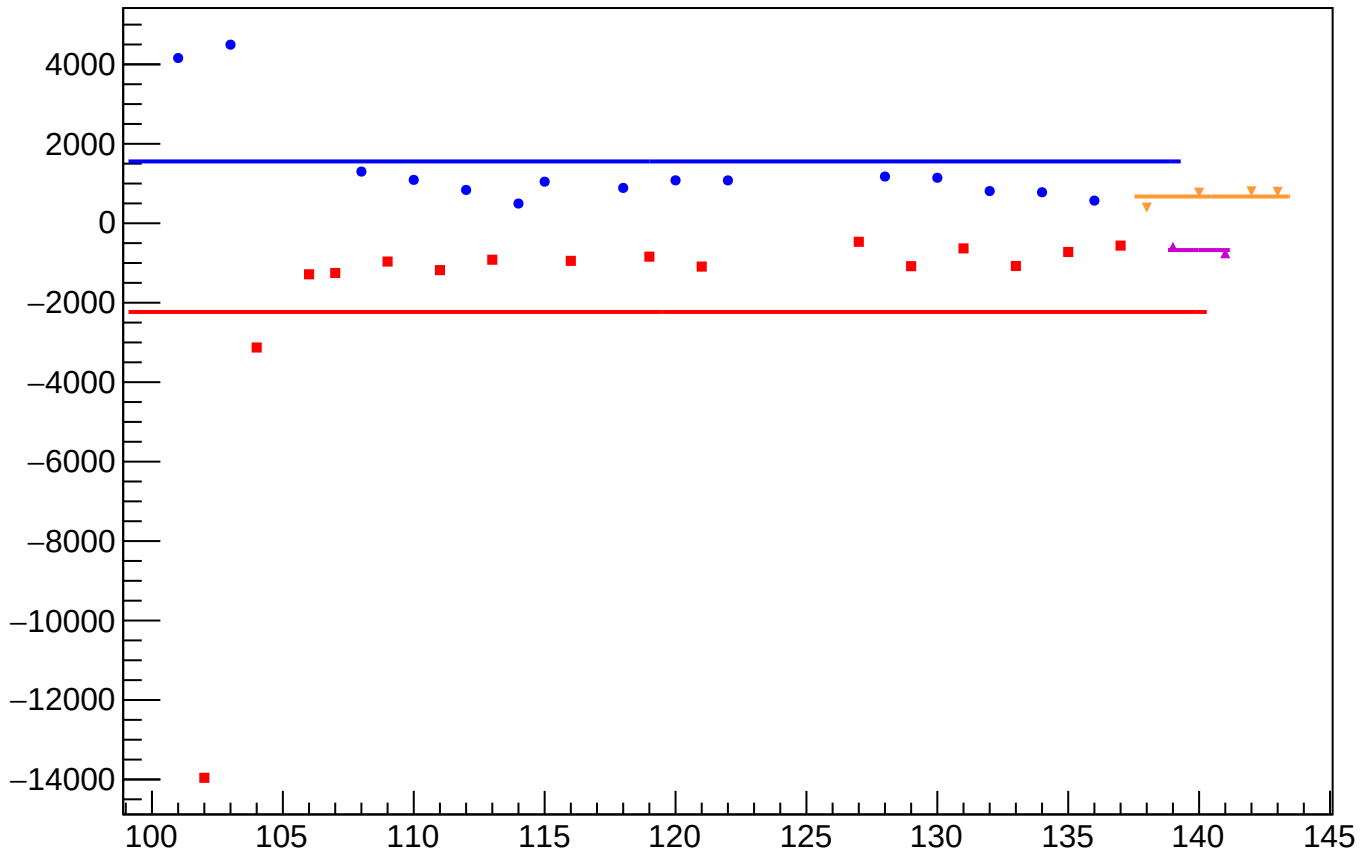
Left In: -1045.687 $\pm$ 0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_atr2_coil6_mean vs Slug, Sign Corrected



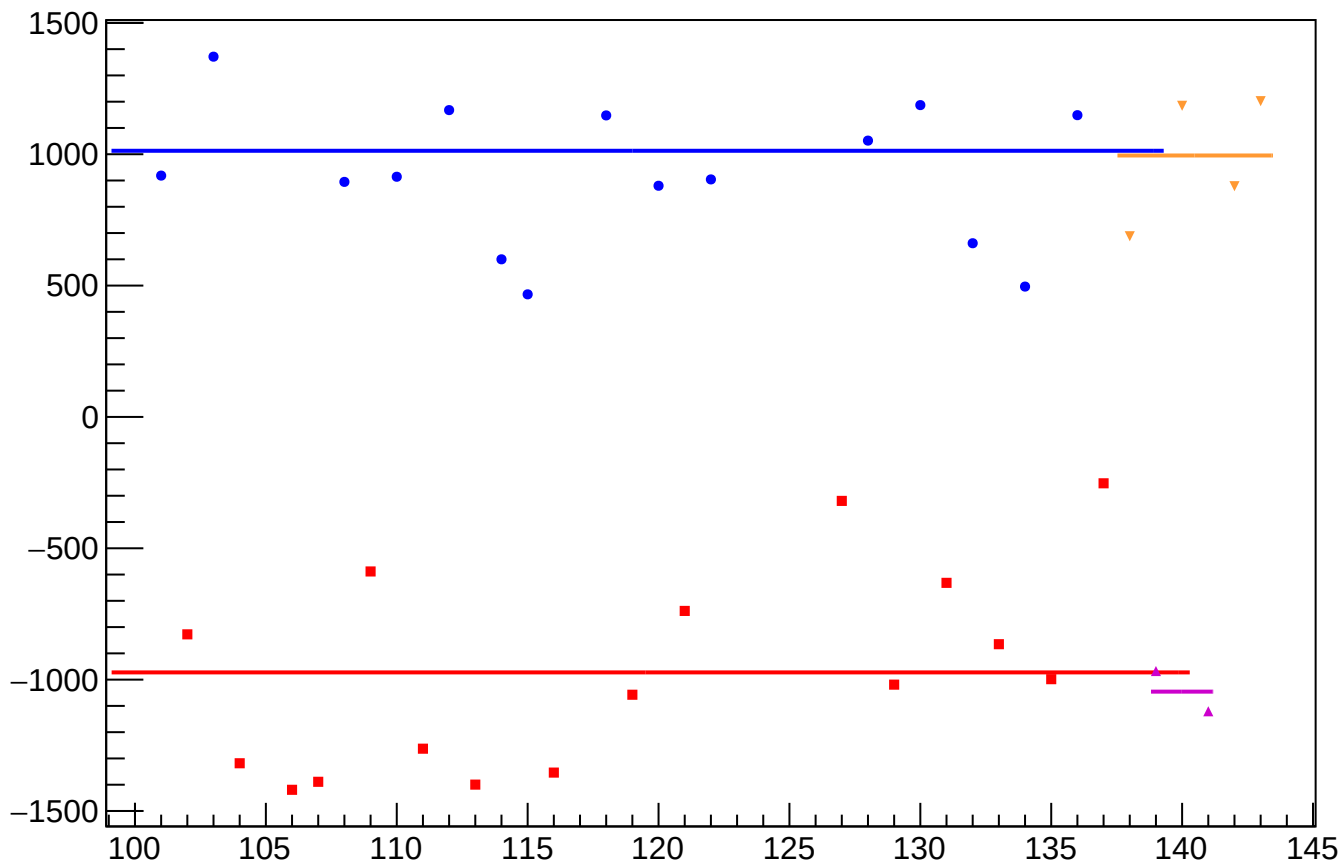
Right In: -4568.297 +/- 0.000 χ^2/NDF : 24195052148165719540713110921977756909568.0/14
 Left Out: -4857.043 +/- 0.000 χ^2/NDF : 240834087693026280641776856144887676928.0/3
 Right Out: 4170.773 +/- 0.000 χ^2/NDF : 30967248832187912041113909559481103024128.0/15
 Left In: 5146.824 +/- 0.000 χ^2/NDF : 45520048903492076476967717167142273024.0/1

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: -674.599+/-0.000 χ^2/NDF : 1103216992773562141818018388556906496.0/1

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



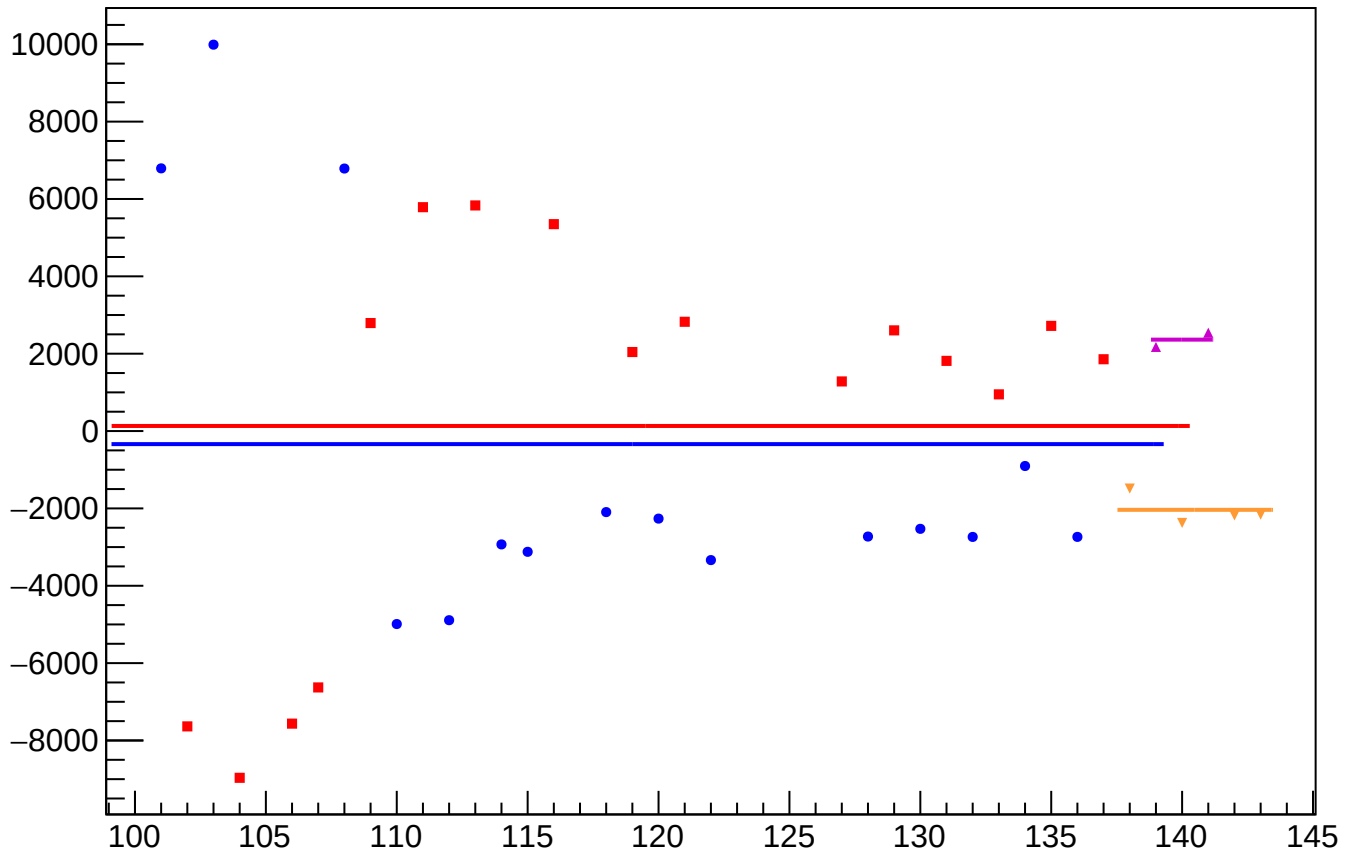
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

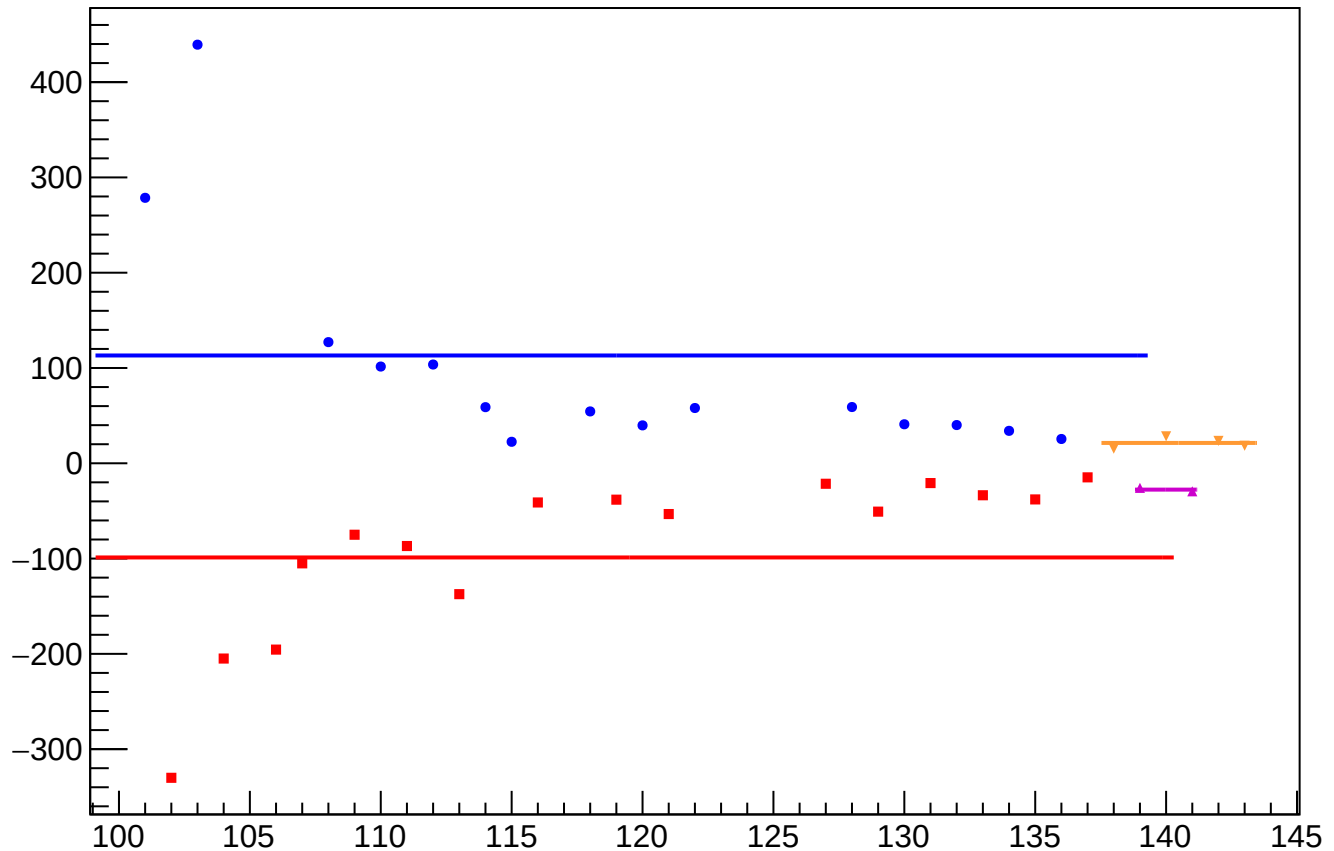
Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

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: 2363.479+/-0.000 χ^2/NDF : 5589872534970181648681936550195363840.0/1

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



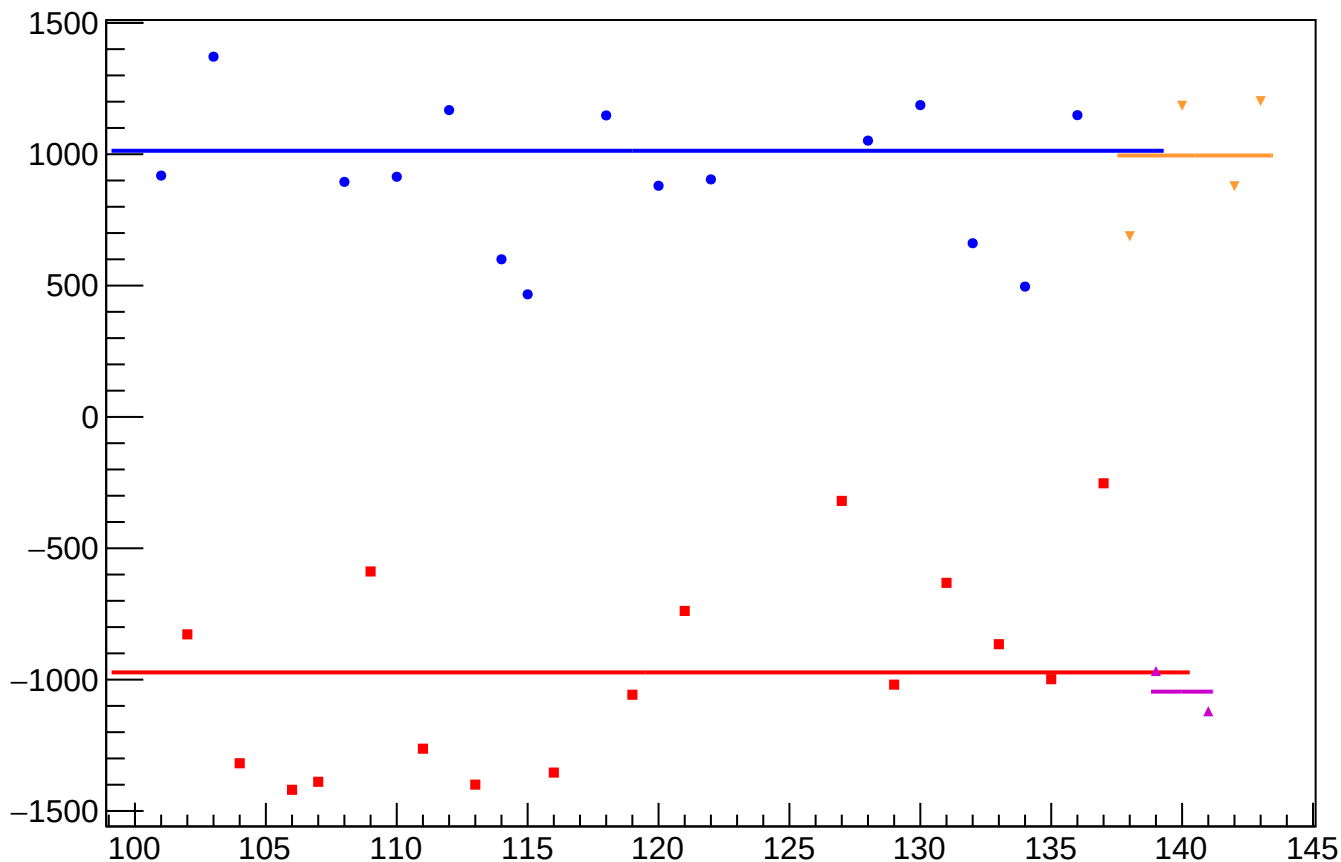
Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14

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: -27.641+/-0.000 χ^2/NDF : 543844782774595996014213532221440.0/1

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



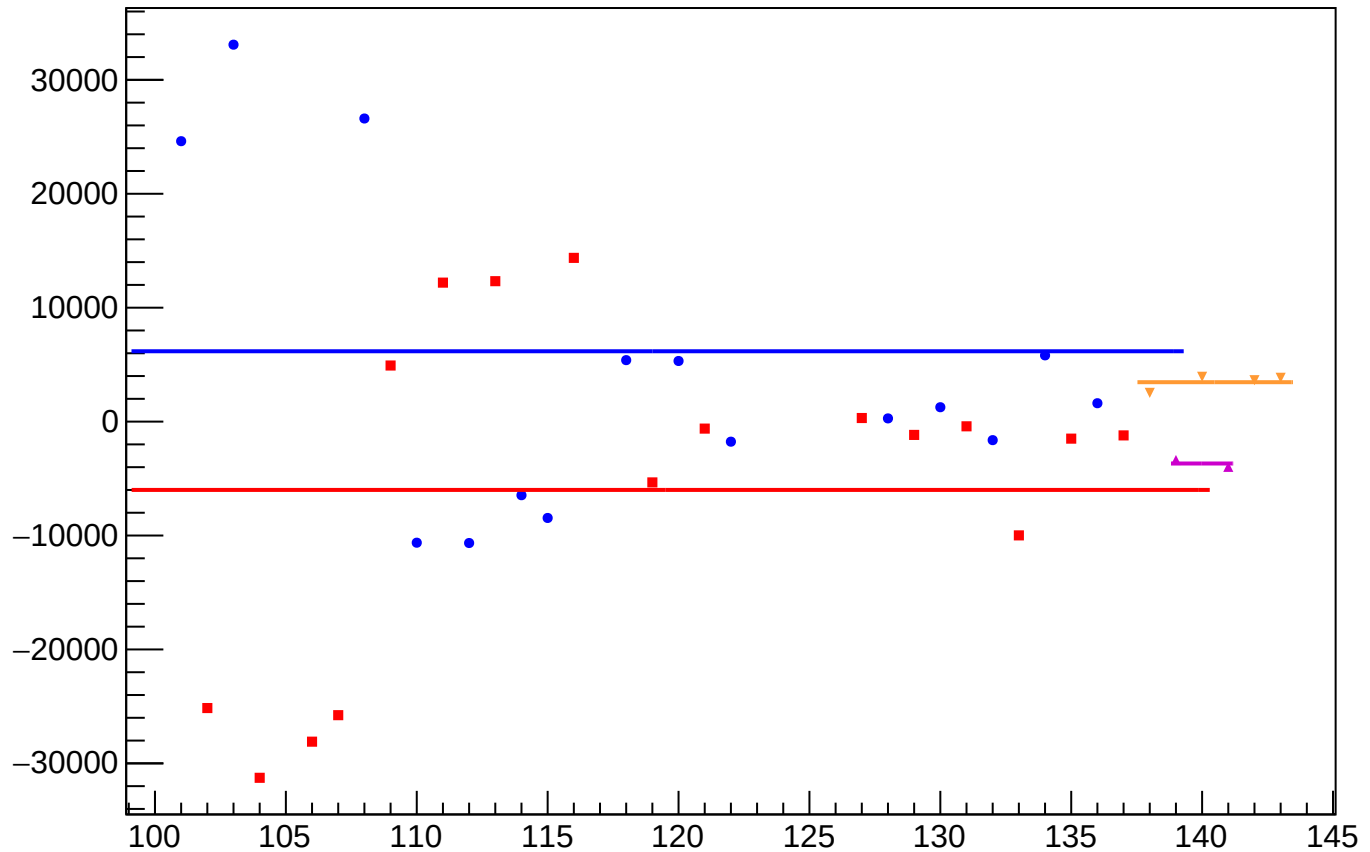
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

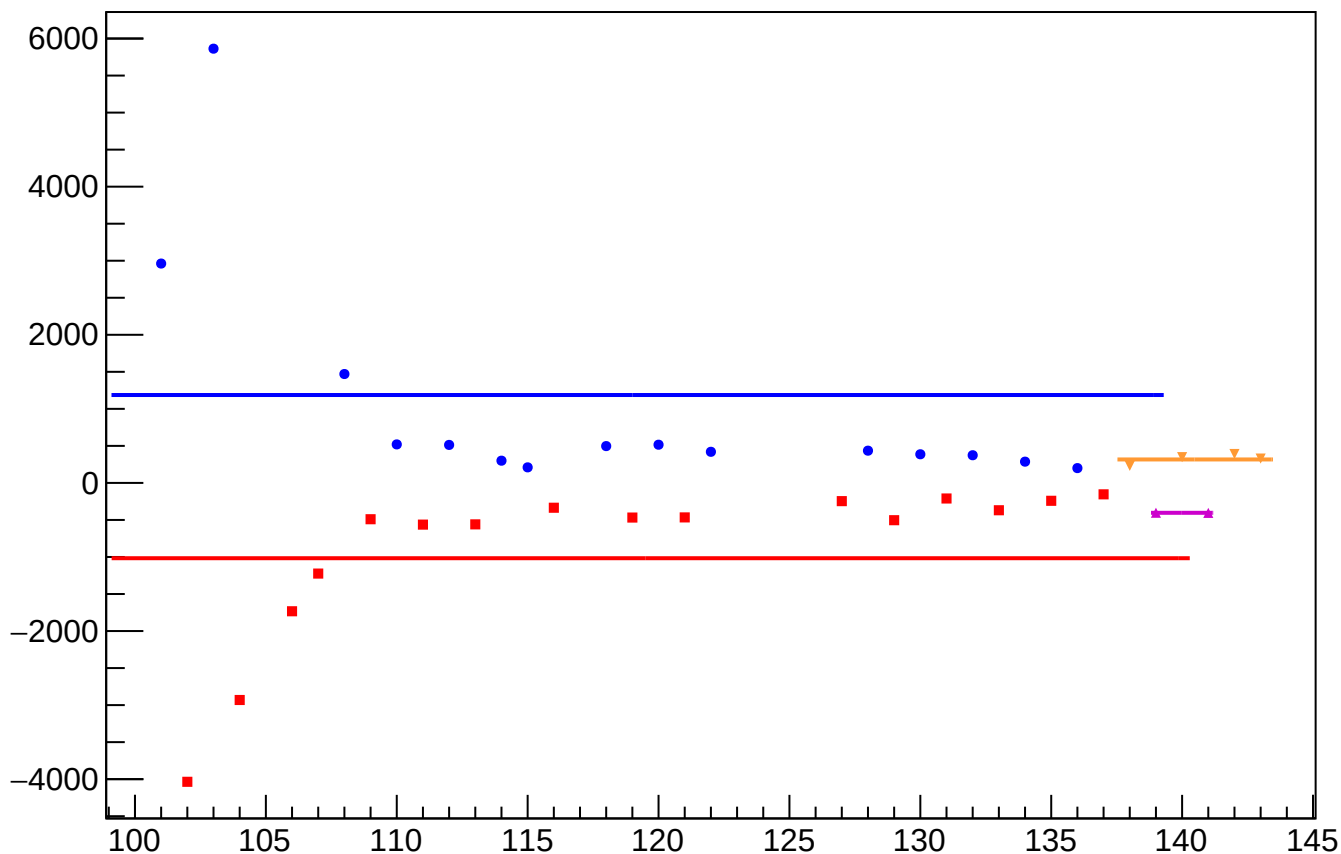
Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam2_coil6_mean vs Slug, Sign Corrected



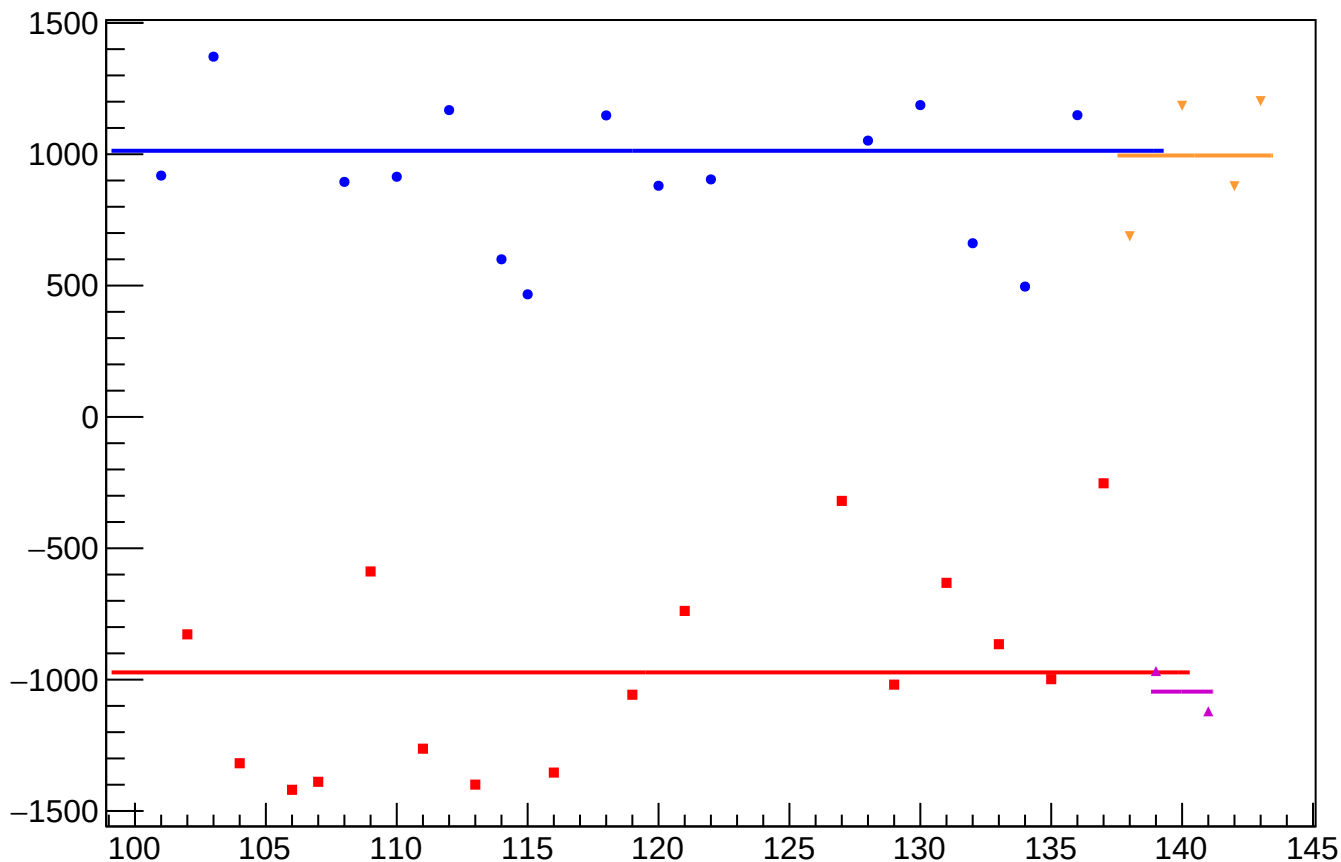
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 3460.203+/-0.000 χ^2/NDF : 98317676515193071380937386107185659904.0/3
 Right Out: -5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: -3677.355+/-0.000 χ^2/NDF : 14986613337303434487109616958194057216.0/1

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: -403.589 +/- 0.000 χ^2/NDF : 156684777805322731597556036403200.0/1

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



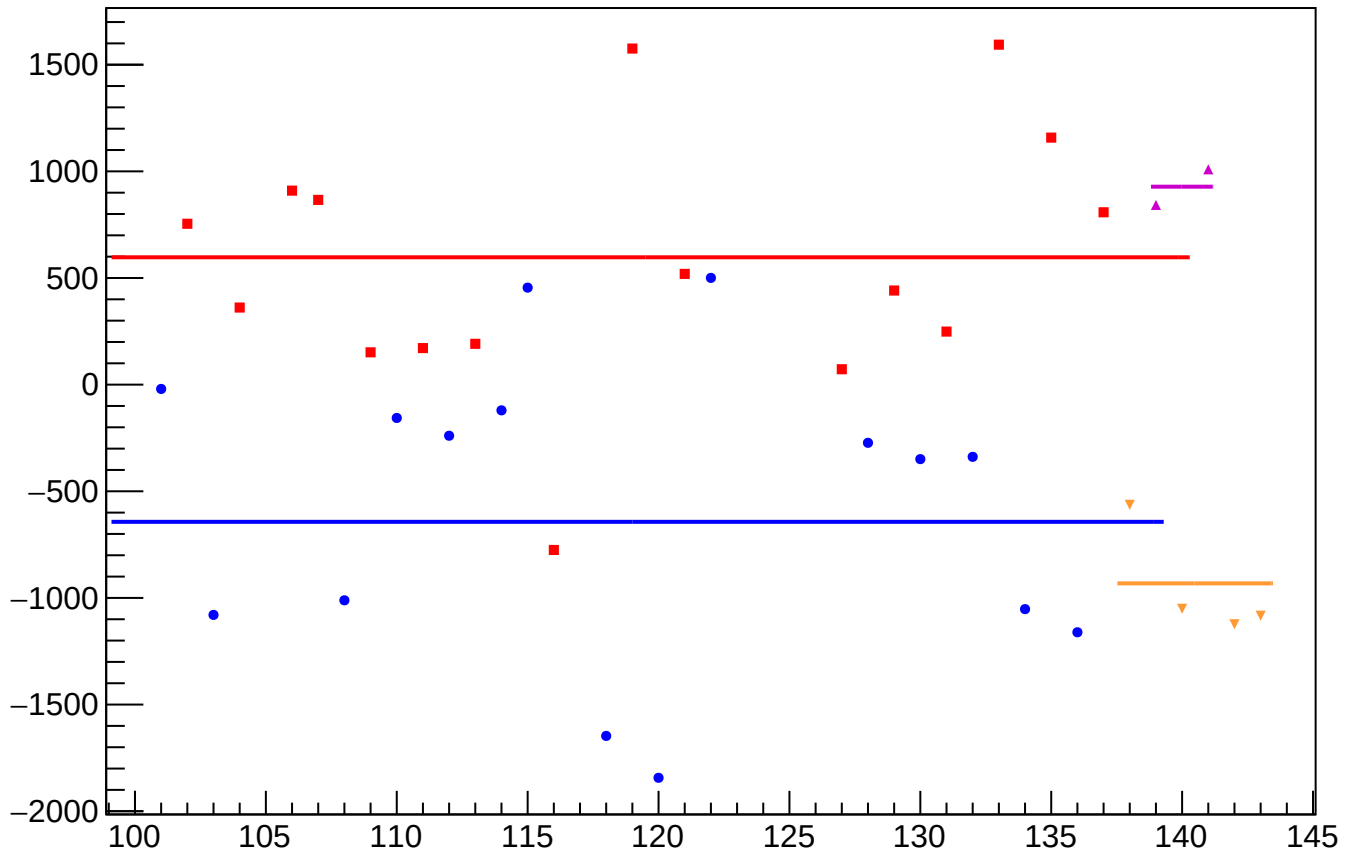
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

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: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam3_coil6_mean vs Slug, Sign Corrected



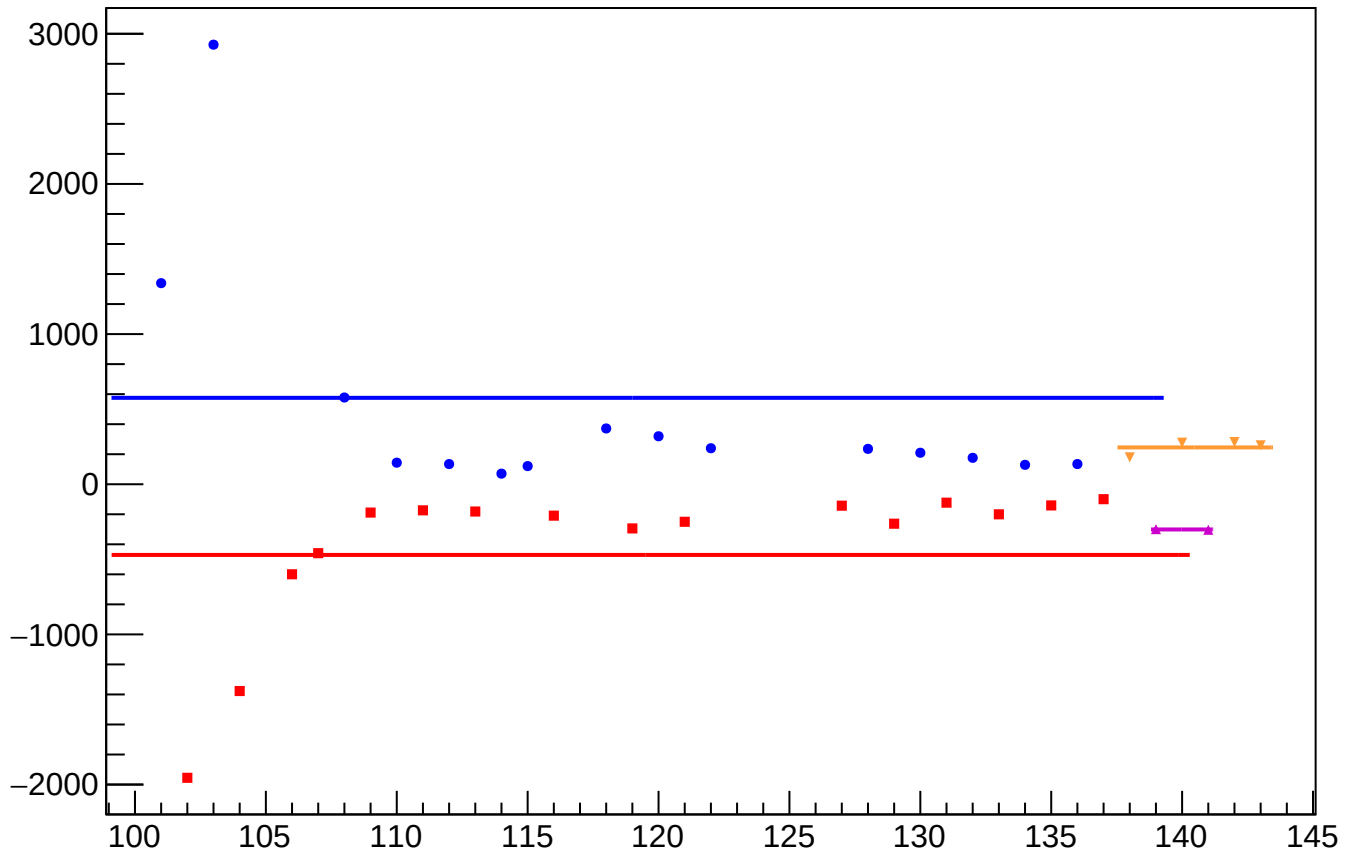
Right In: -643.217 $\pm$ 0.000 χ^2 /NDF: 272726964608206694027285159784925364224.0/14

Left Out: -931.802 $\pm$ 0.000 χ^2 /NDF: 14976562871578771048299575565673824256.0/3

Right Out: 597.043 $\pm$ 0.000 χ^2 /NDF: 210733370798031449363504004319005376512.0/15

Left In: 928.091 $\pm$ 0.000 χ^2 /NDF: 1155715308820282766522128025824264192.0/1

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



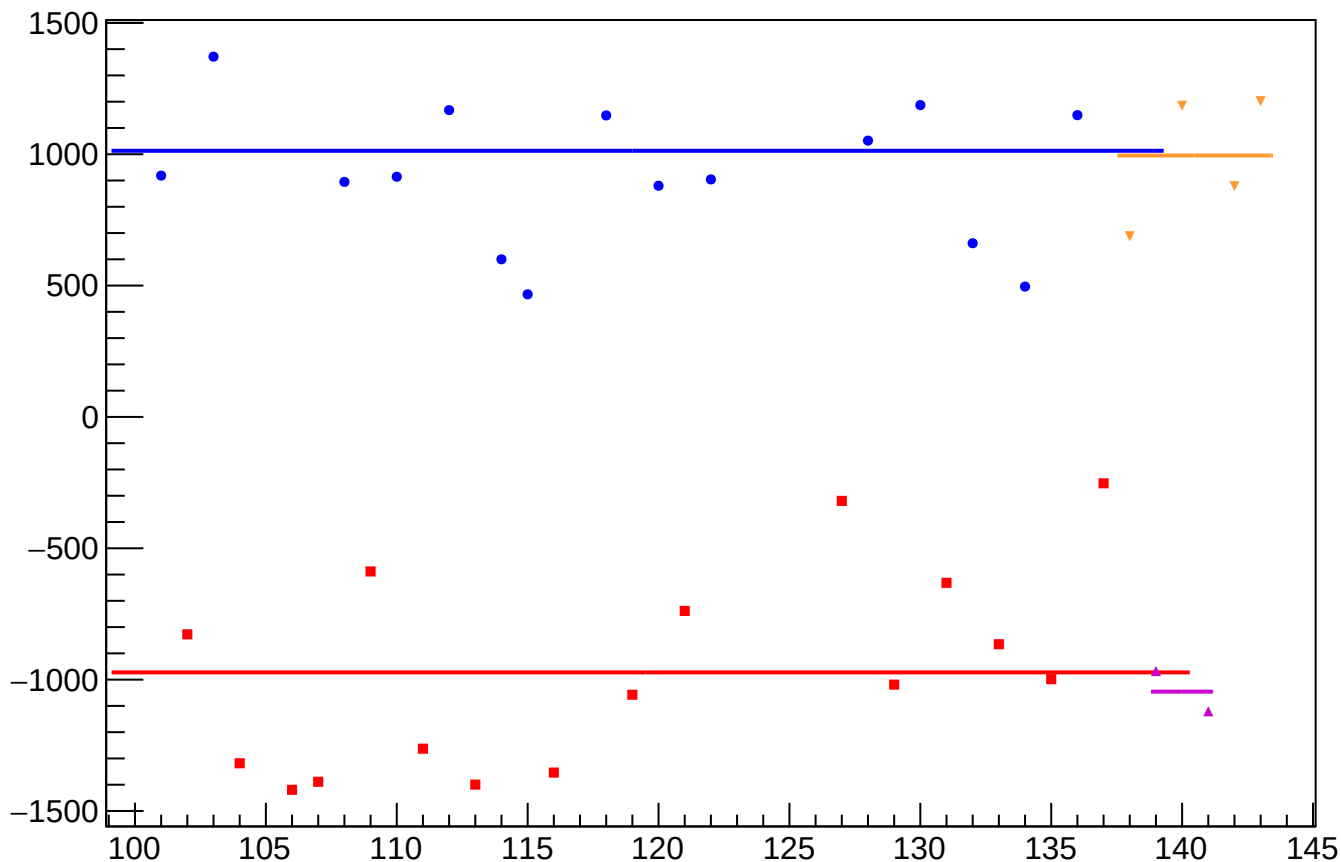
Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

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: -301.131+/-0.000 χ^2/NDF : 725363322968176504384064522813440.0/1

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



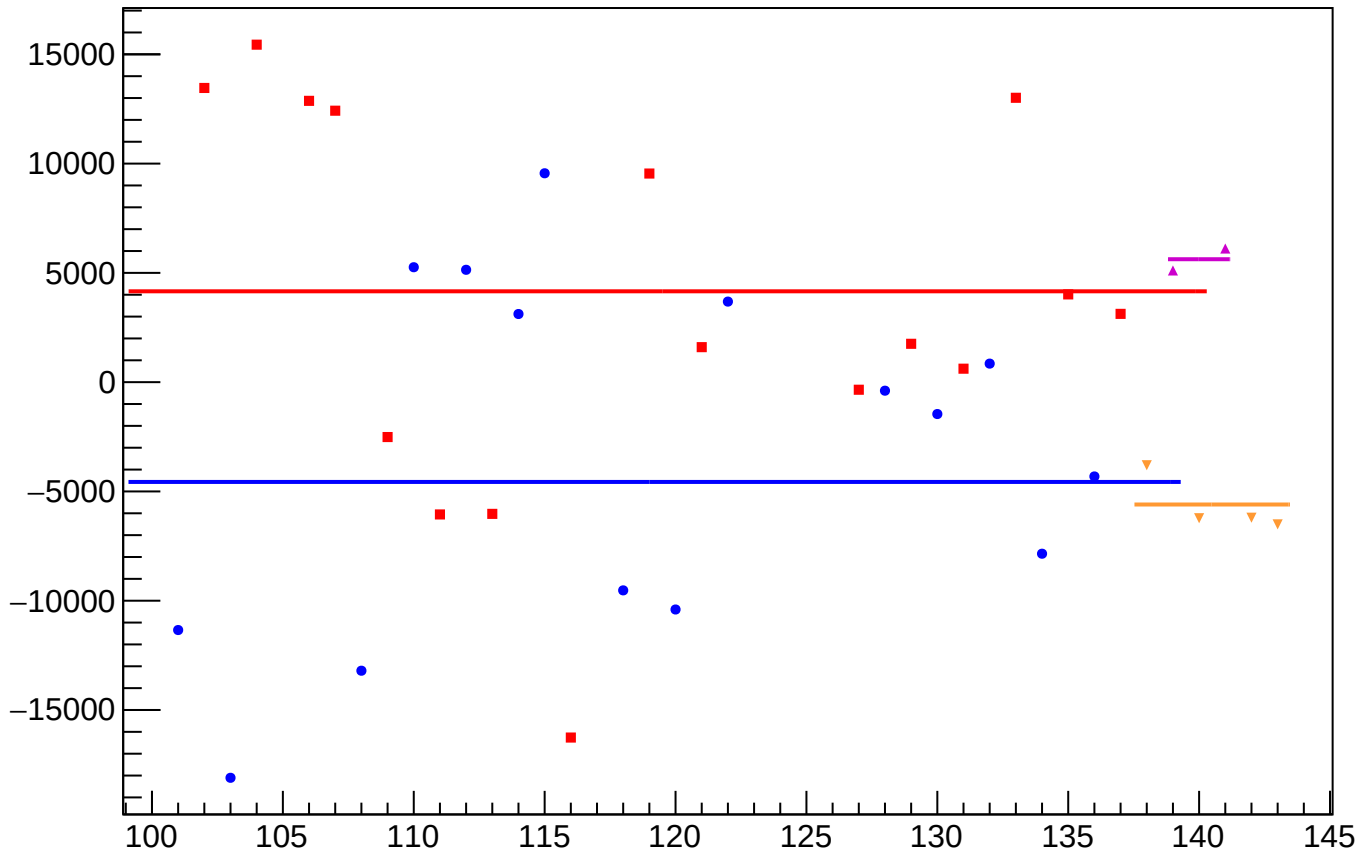
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

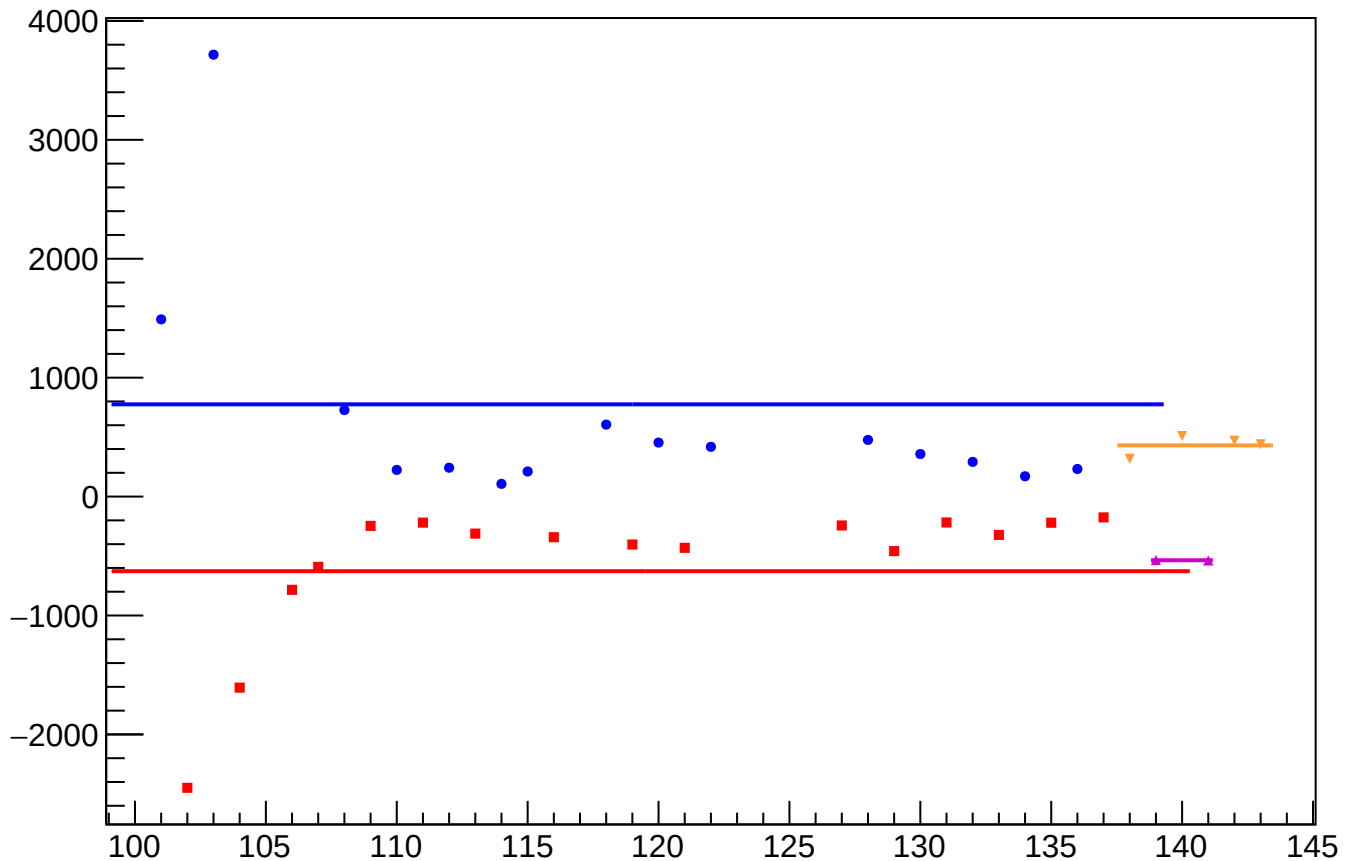
Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

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: 5624.795 +/- 0.000 χ^2/NDF : 41793601664801726922382055934011637760.0/1

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



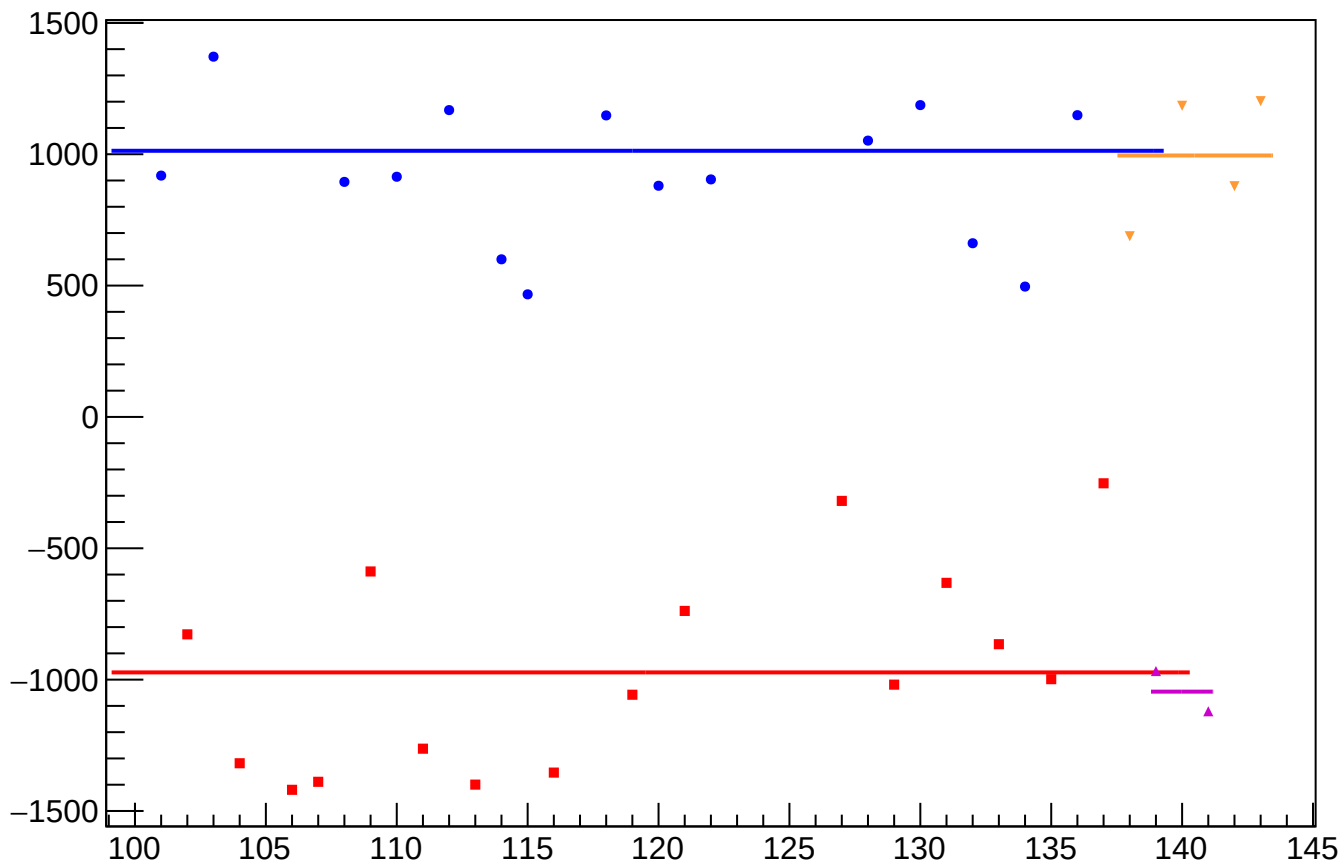
Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

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: -535.436+/-0.000 χ^2/NDF : 638311197944330489564282717470720.0/1

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



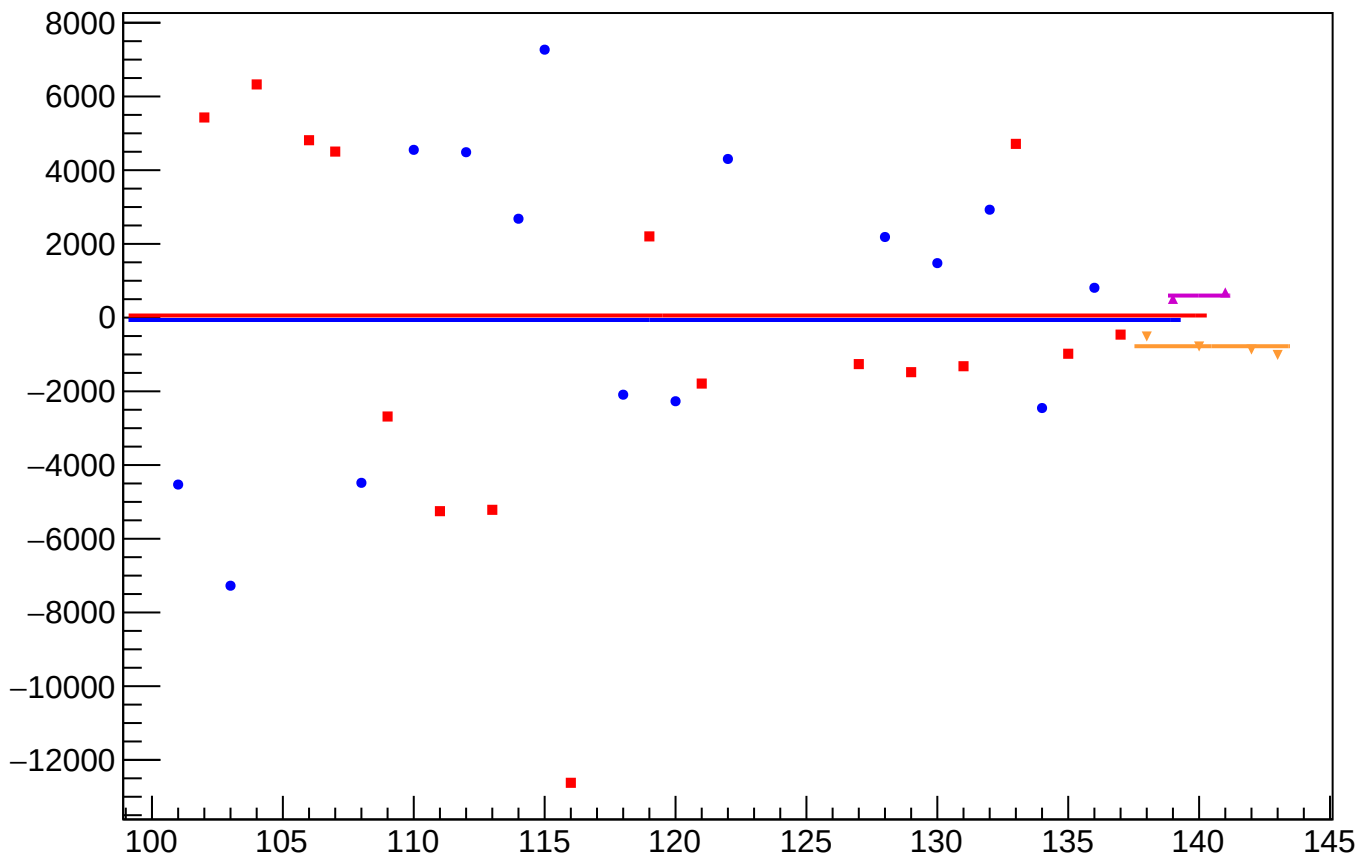
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

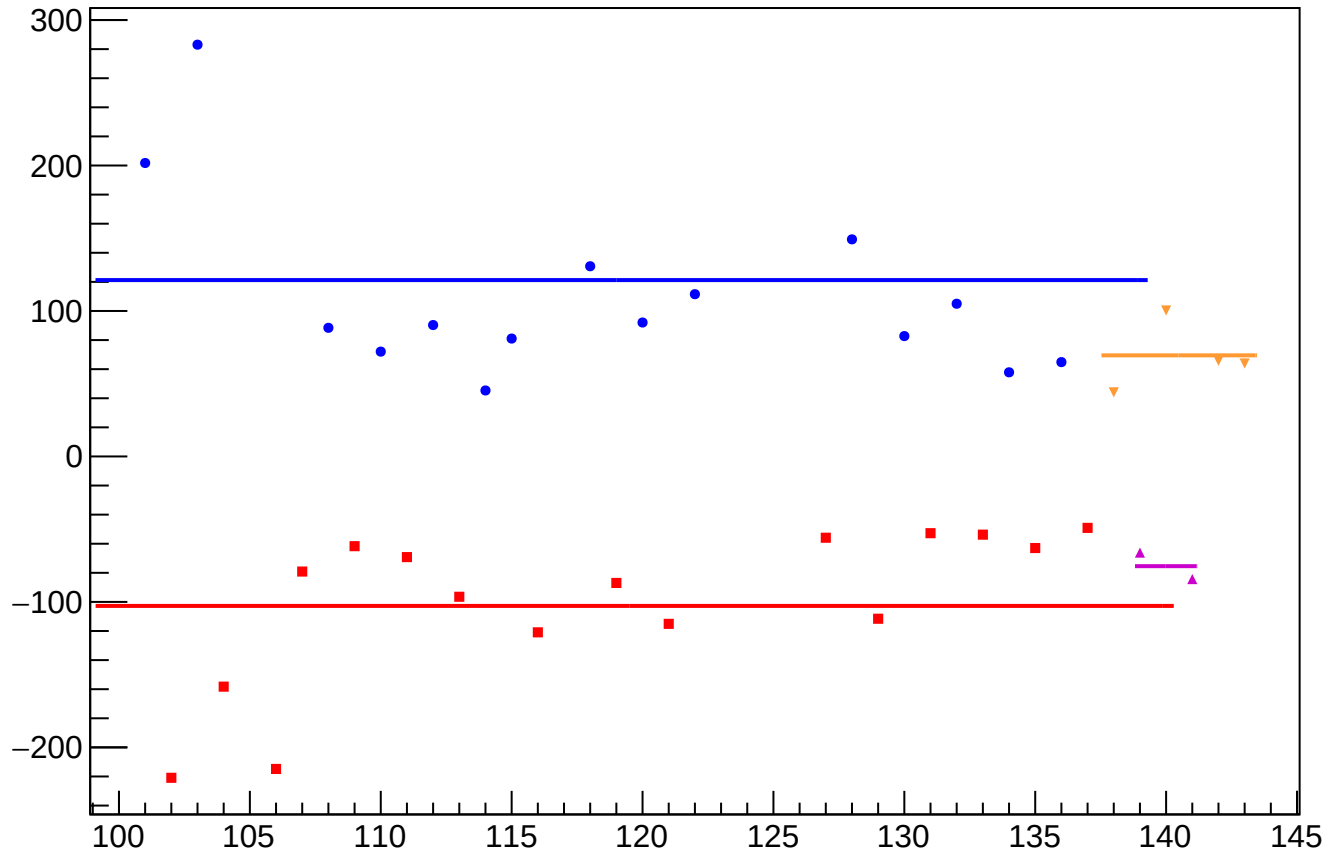
Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

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: 598.162 ± 0.000 χ^2/NDF : 1284463068296448575112480537308037120.0/1

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



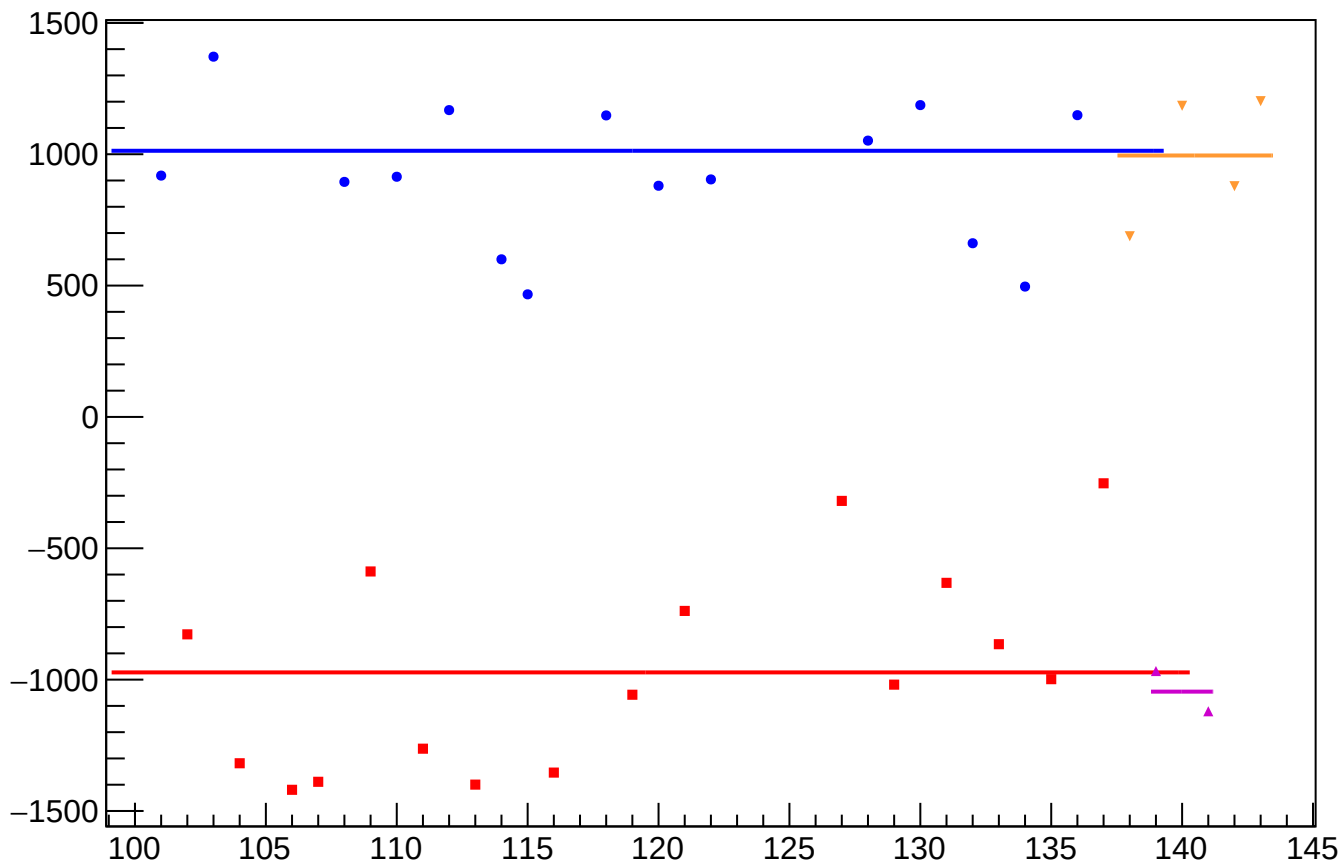
Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

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: -75.429+/-0.000 χ^2/NDF : 13728651797281306478950255830237184.0/1

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



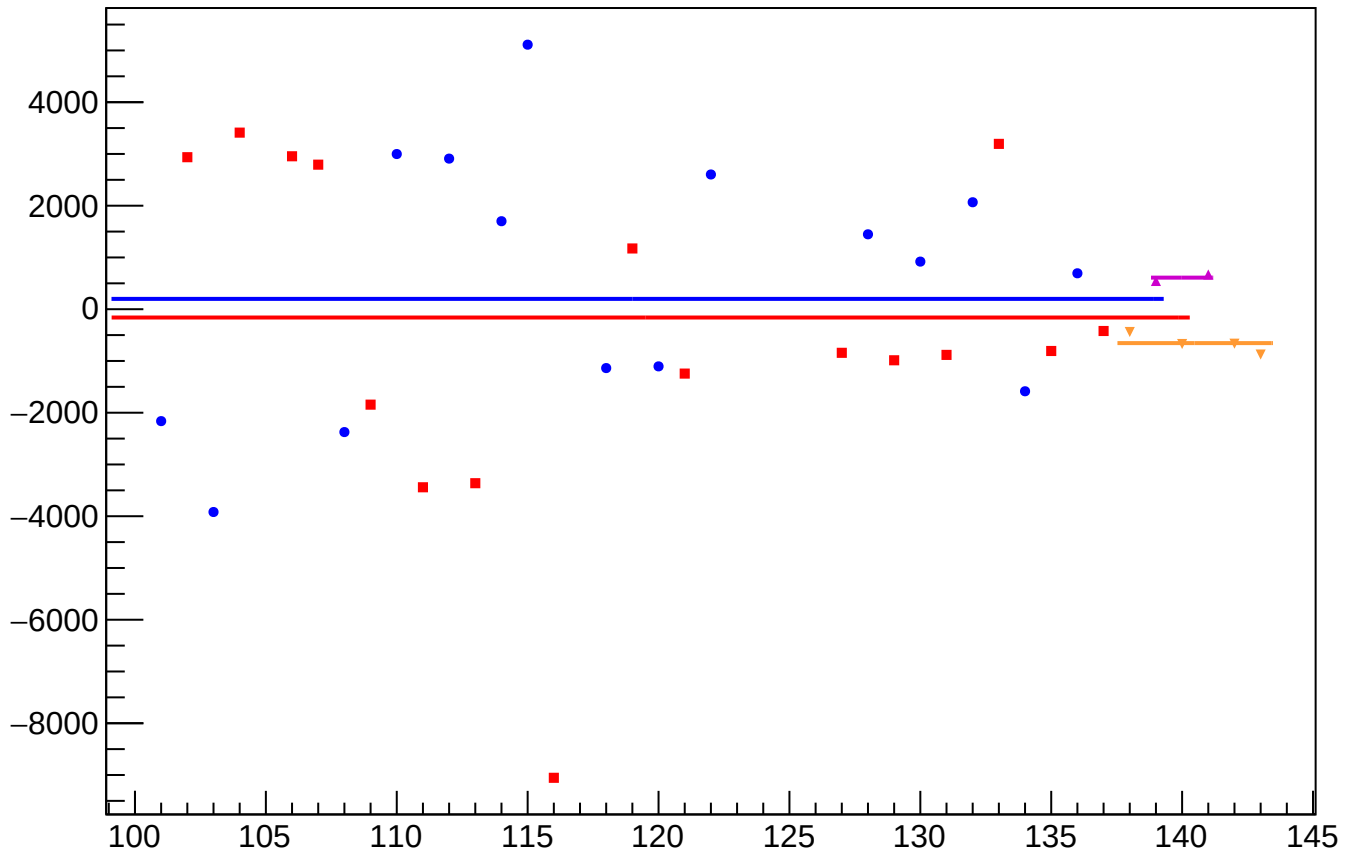
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

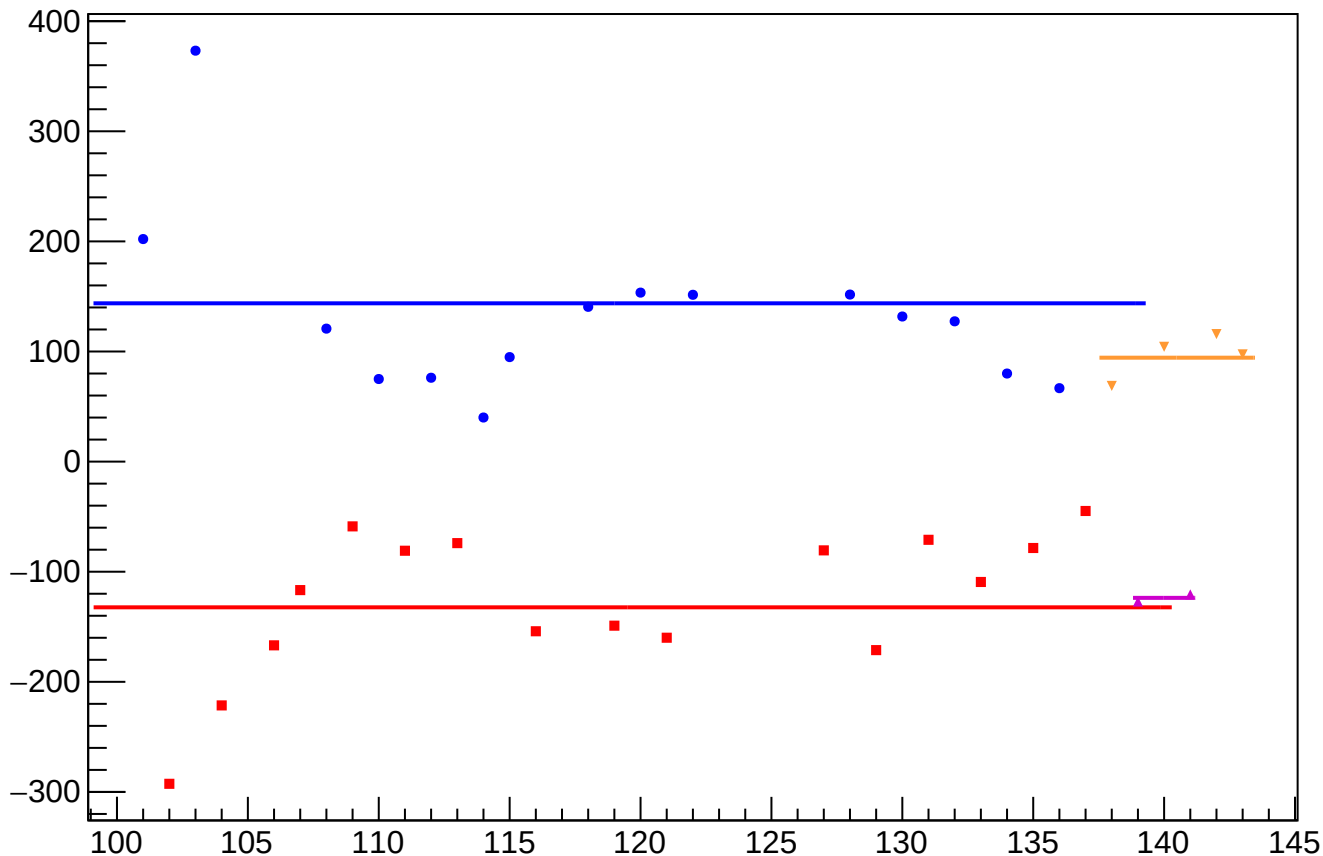
Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 199.503 ± 0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -654.969 ± 0.000 χ^2/NDF : 6891841172580171728559499588805853184.0/3
 Right Out: -160.512 ± 0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: 610.037 ± 0.000 χ^2/NDF : 652439138250018397361792564756217856.0/1

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



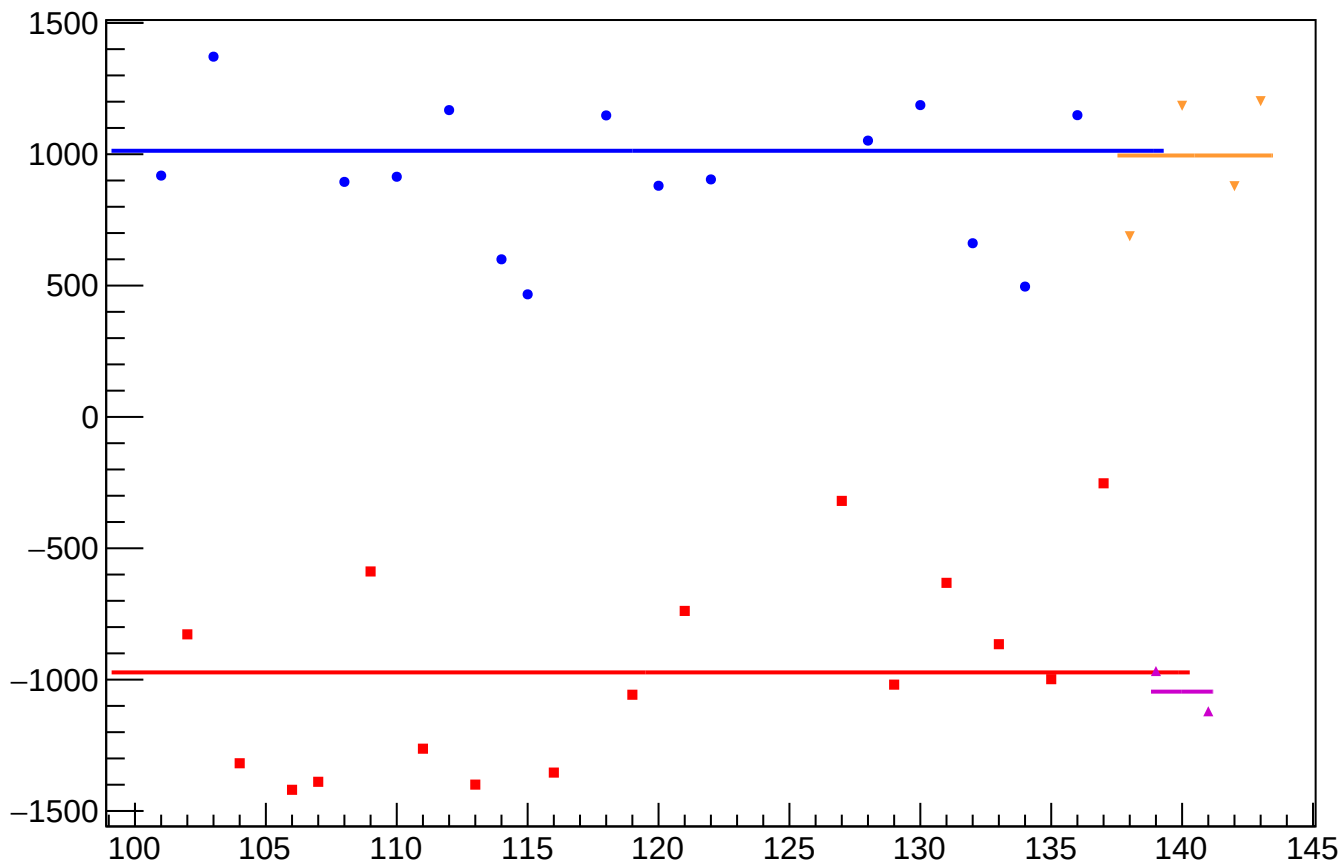
Right In: 143.764 +/- 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

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: -123.743 +/- 0.000 χ^2/NDF : 1751187030526003624260661082587136.0/1

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



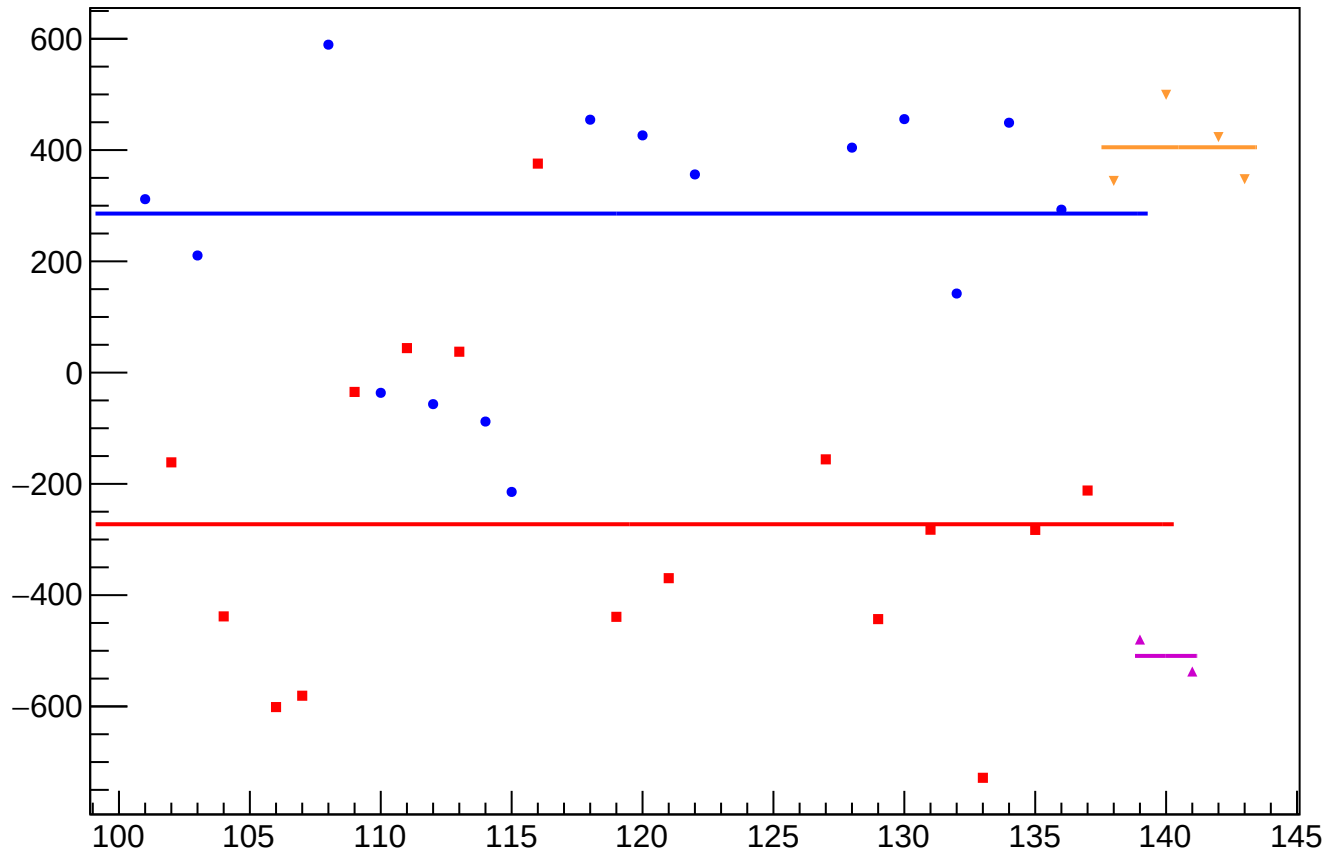
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

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: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam7_coil6_mean vs Slug, Sign Corrected



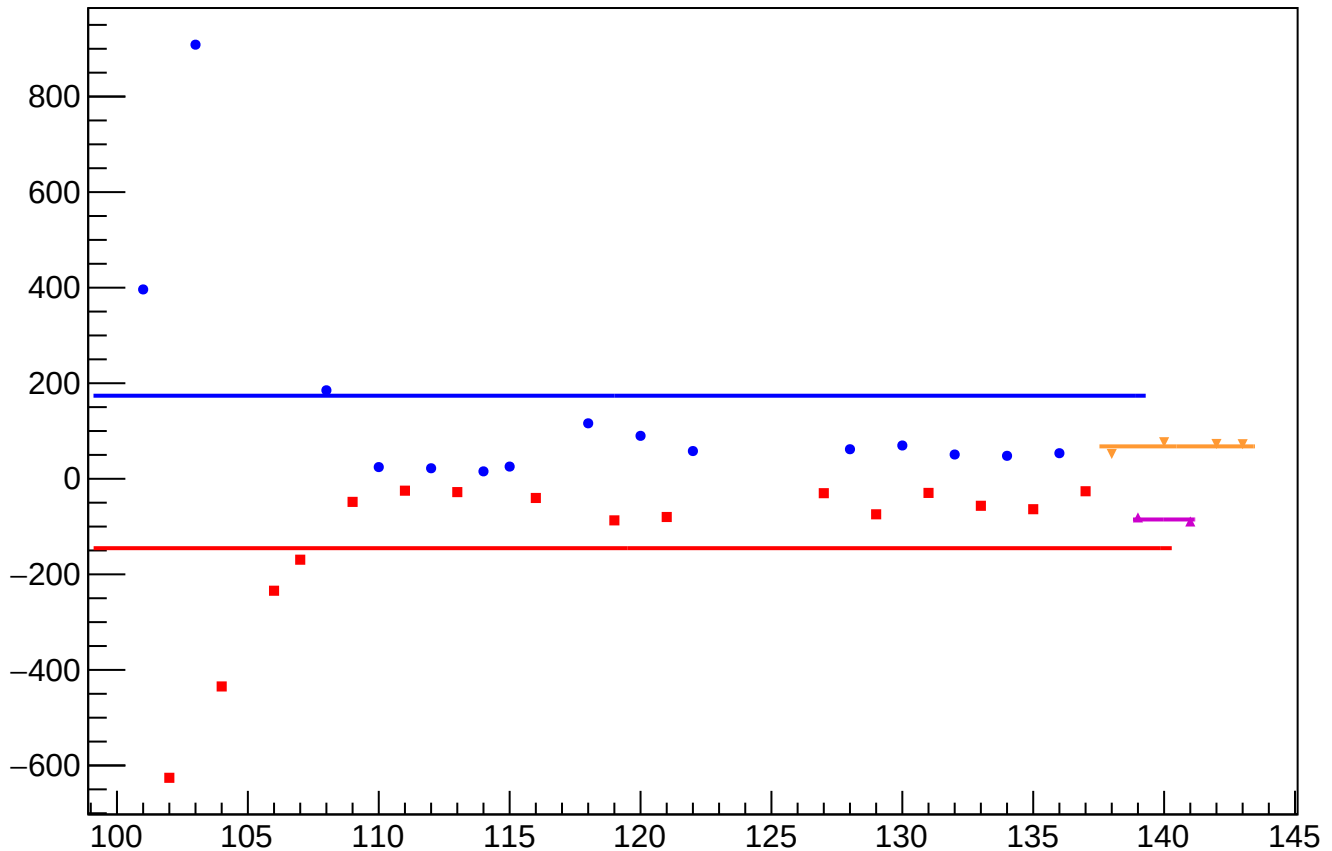
Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

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: -509.196+/-0.000 χ^2/NDF : 137007843650283283525821629064019968.0/1

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



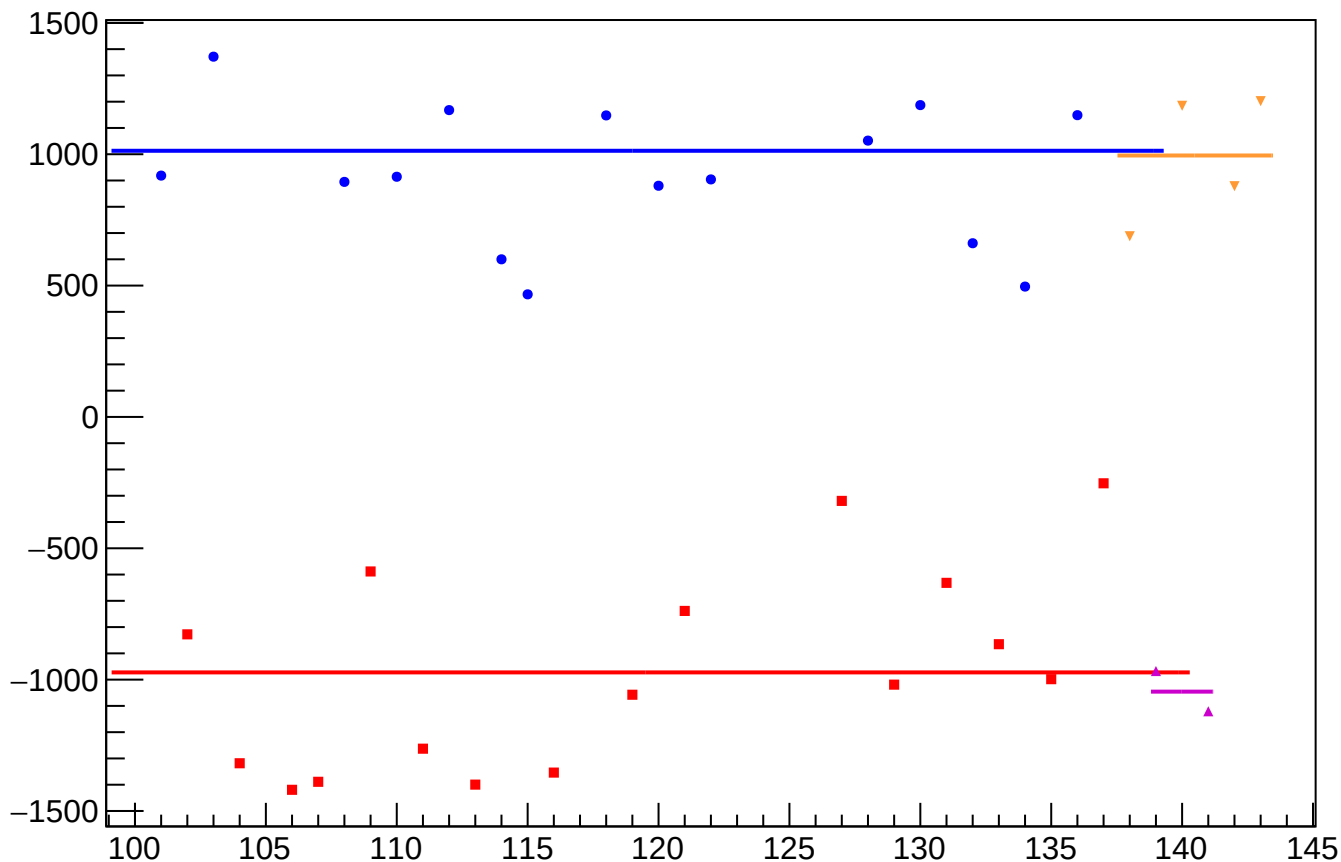
Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

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: -85.156+/-0.000 χ^2/NDF : 3008422066383075828596618207166464.0/1

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



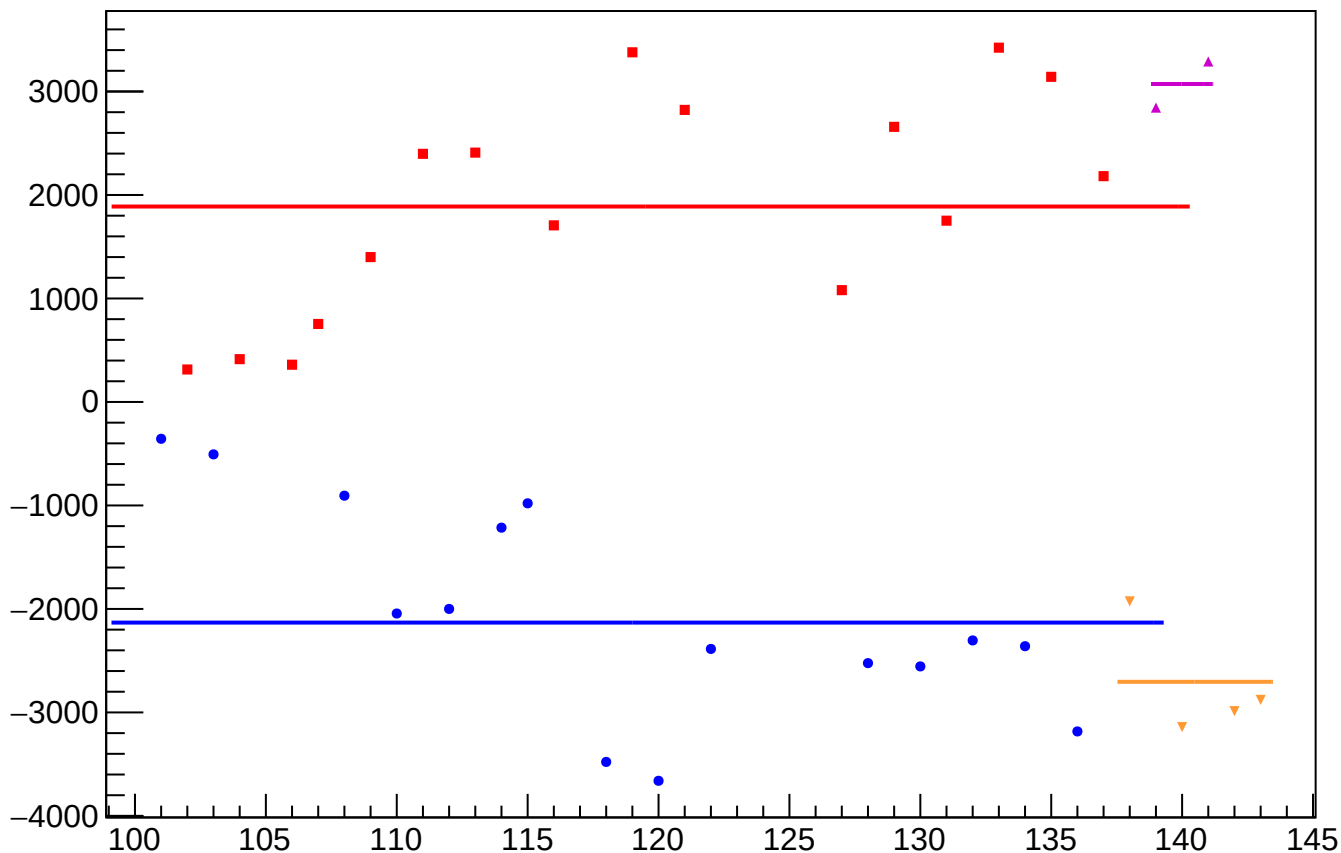
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 995.231+/-0.000 χ^2/NDF : 13804646751051209877541234219251924992.0/3

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

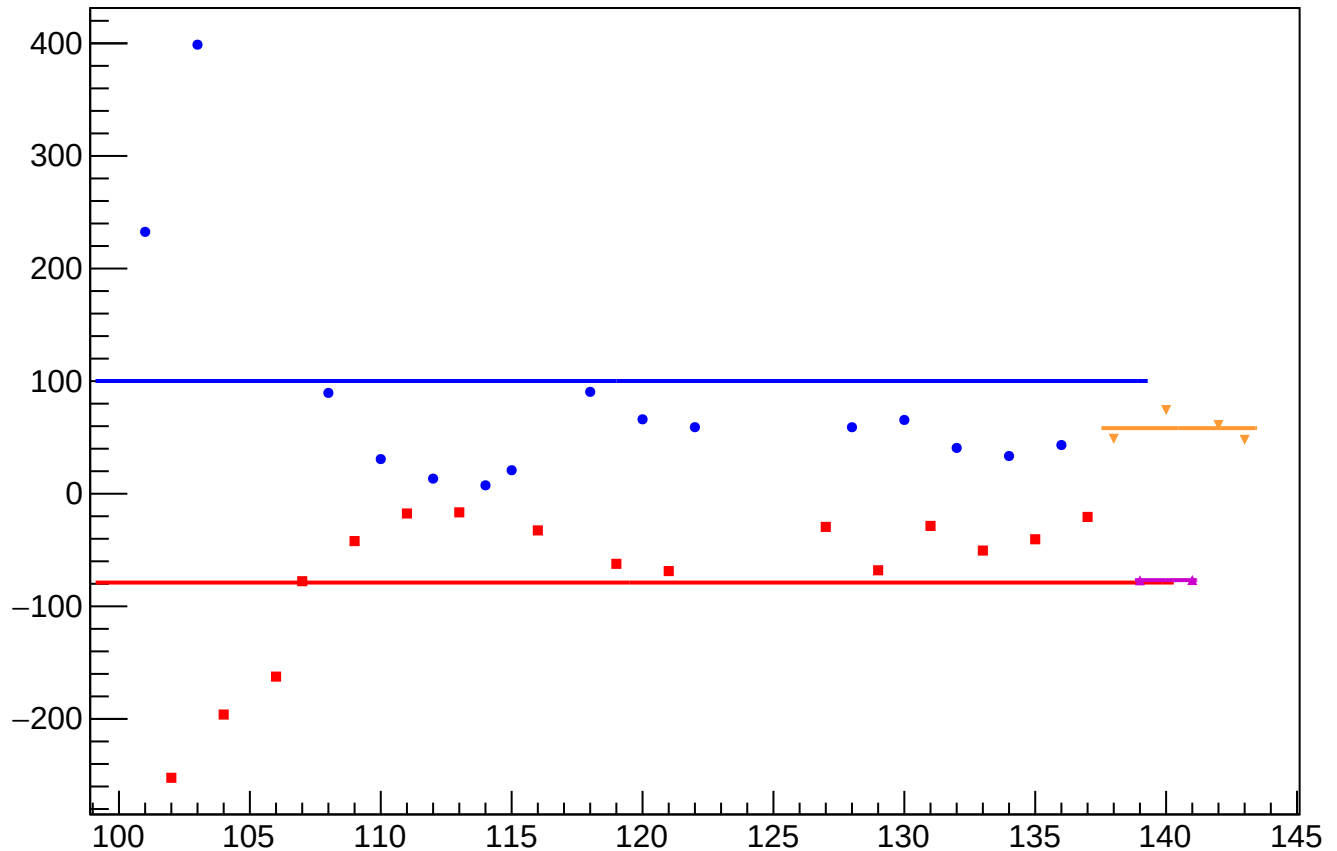
Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

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: 3072.435 +/- 0.000 χ^2/NDF : 8242333550409311036417927879118028800.0/1

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



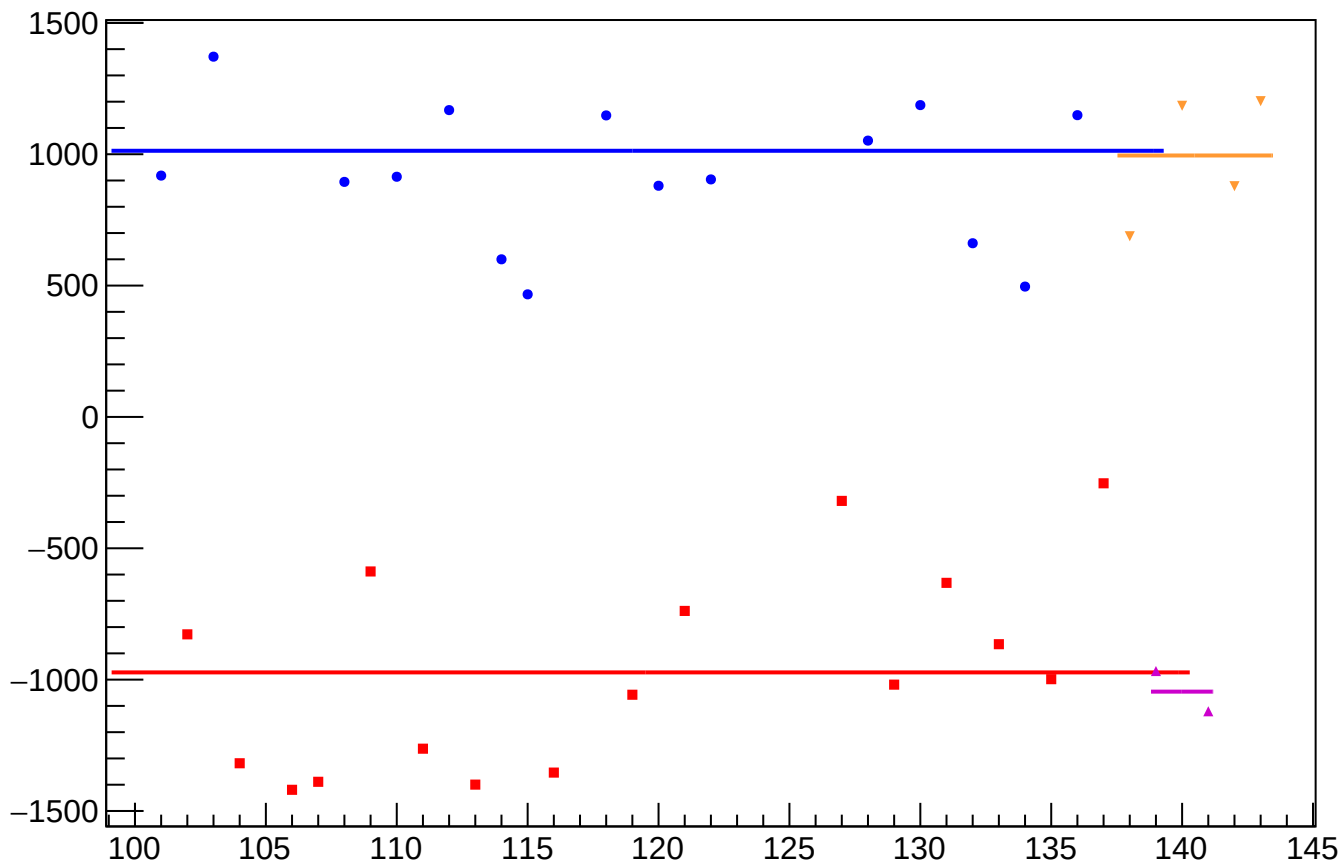
Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

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: -76.731+/-0.000 χ^2/NDF : 2948472252925634504609174126592.0/1

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



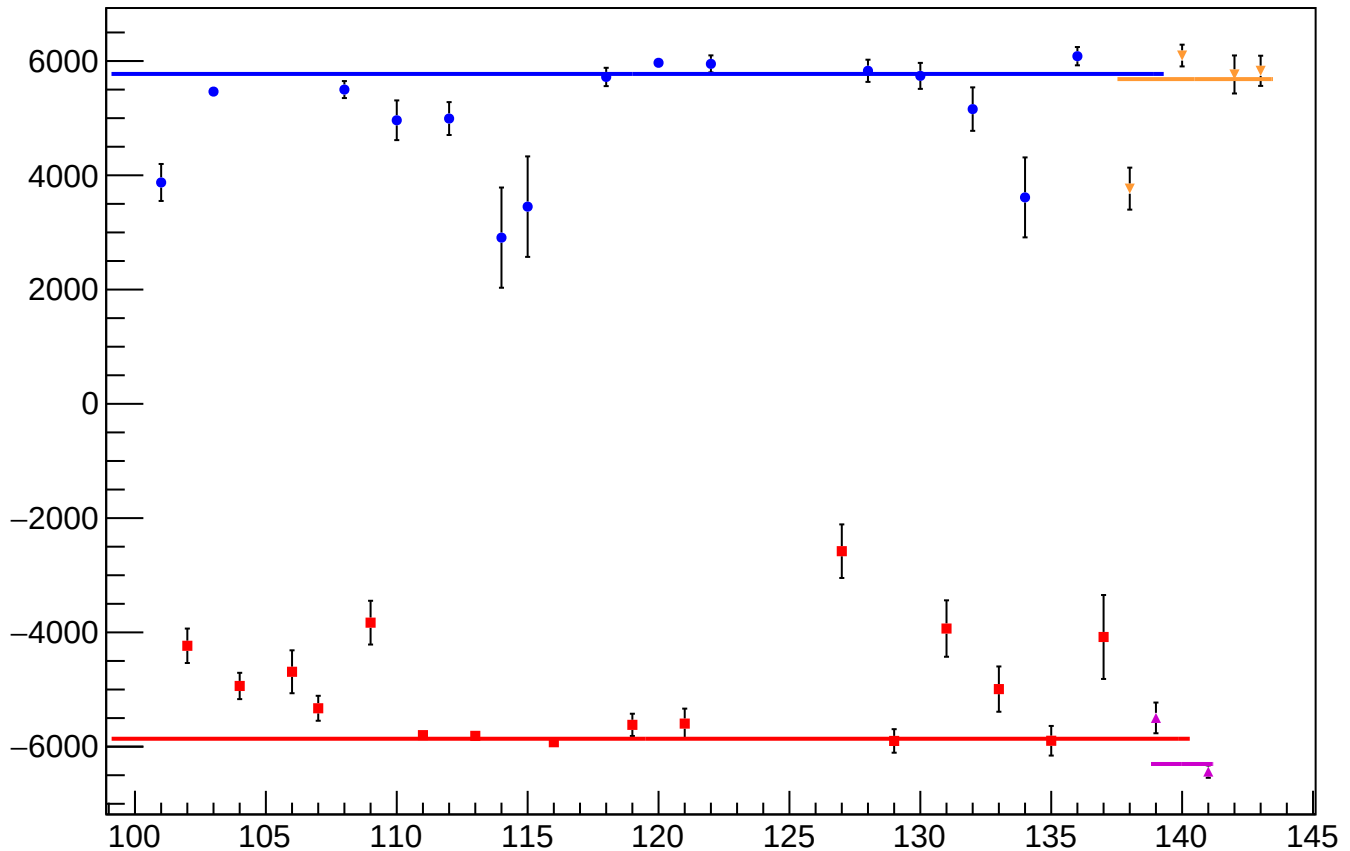
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

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: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_run_mean 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

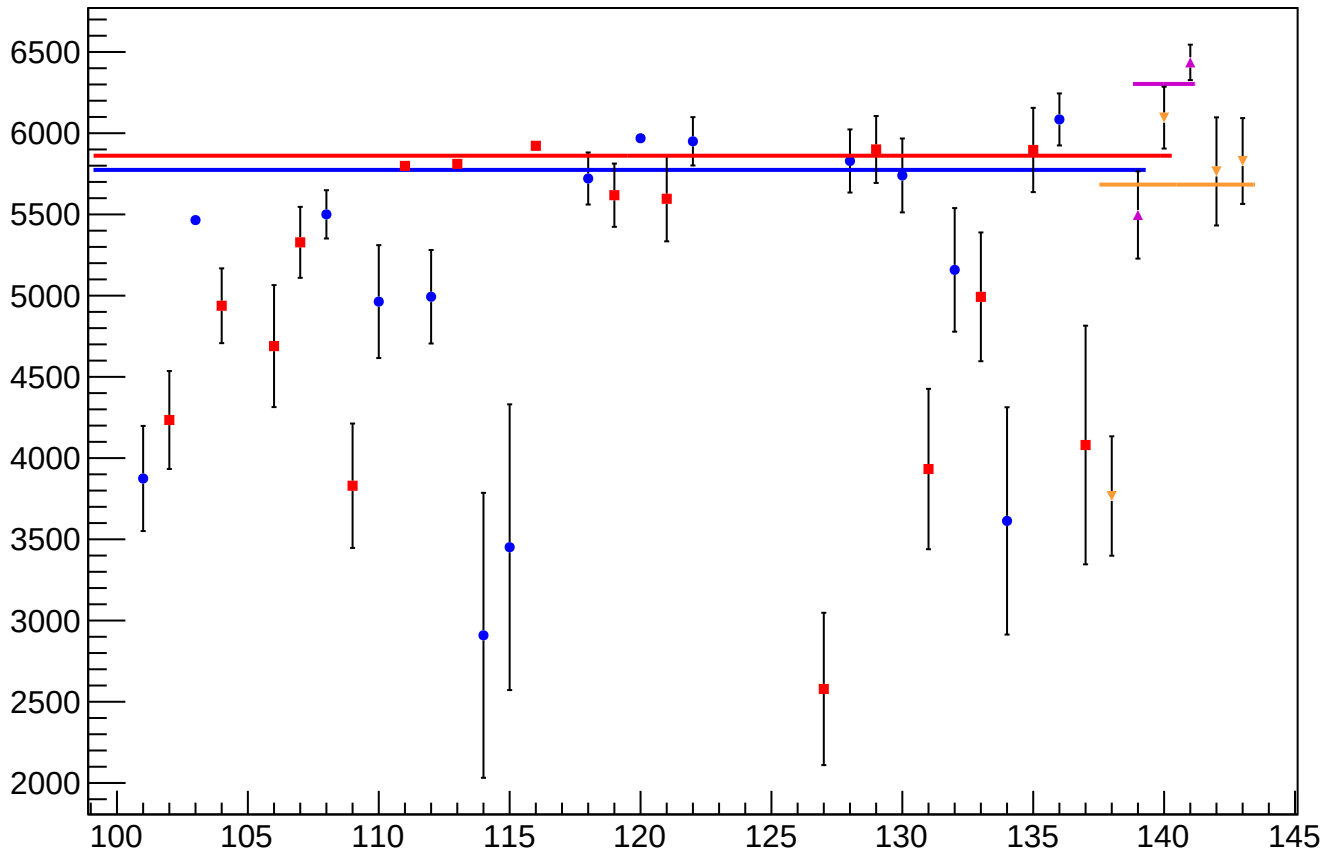
Left In: -6303.277+/-101.012 χ^2 /NDF:10.5/1

5774.117+/-0.181 χ^2 /NDF: 1828559.2/18

-1536.192+/-0.111 χ^2 /NDF: 2585359543.

-5861.462+/-0.140 χ^2 /NDF: 180050.0/17

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

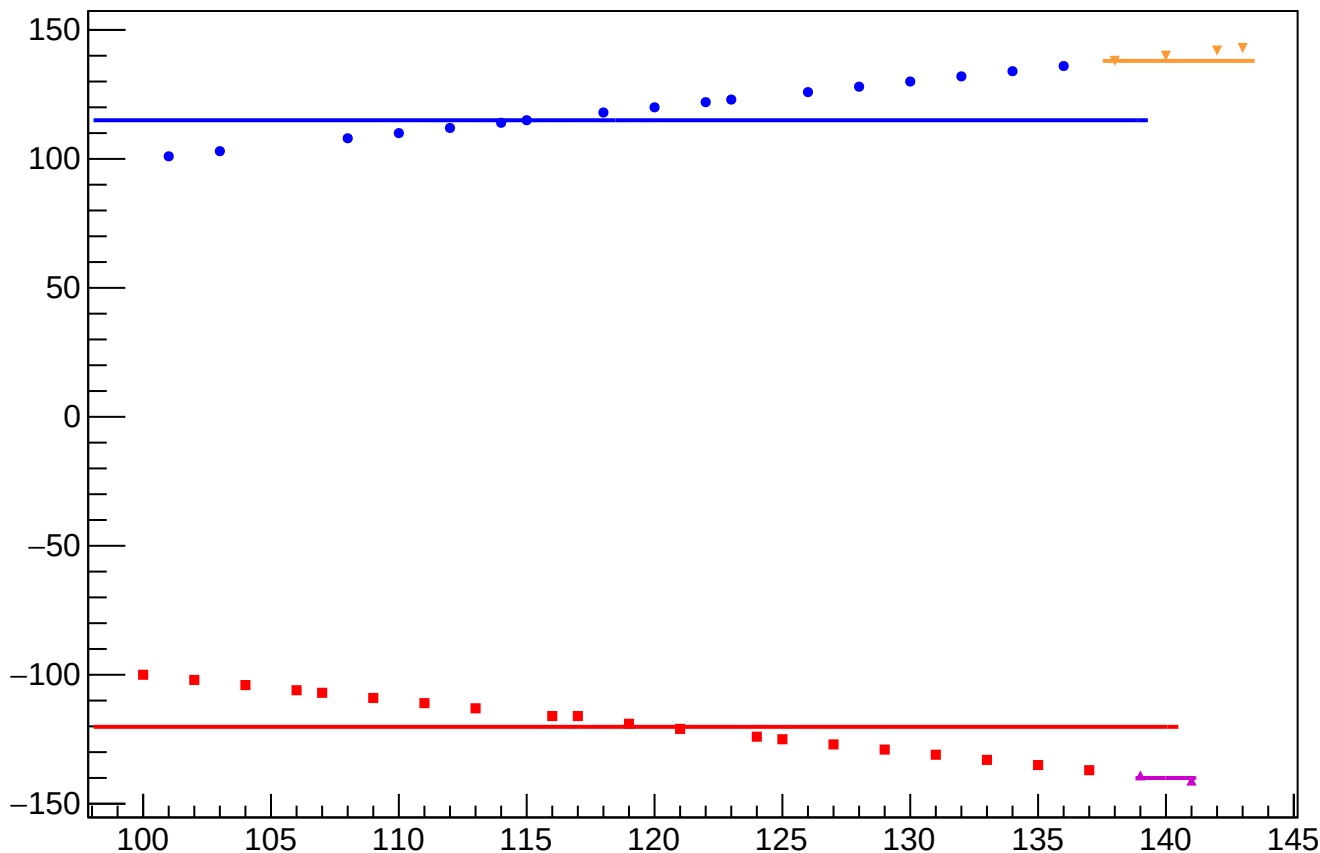
Left In: 6303.277+/-101.012 χ^2/NDF : 10.5/1

5774.117+/-0.181 χ^2/NDF : 1828559.2/18

5828.993+/-0.111 χ^2/NDF : 2154184.4/36

5861.462+/-0.140 χ^2/NDF : 180050.0/17

dit_slug_slope vs Slug, Sign Corrected



Right In: 114.980 ± 0.000 χ^2/NDF : 112344936246012934714934440230912.0/16

Left Out: 138.000 ± 0.000 χ^2/NDF : 2816.0/3

Right Out: -120.186 ± 0.000 χ^2/NDF : 52233253644261695528198041763840.0/19

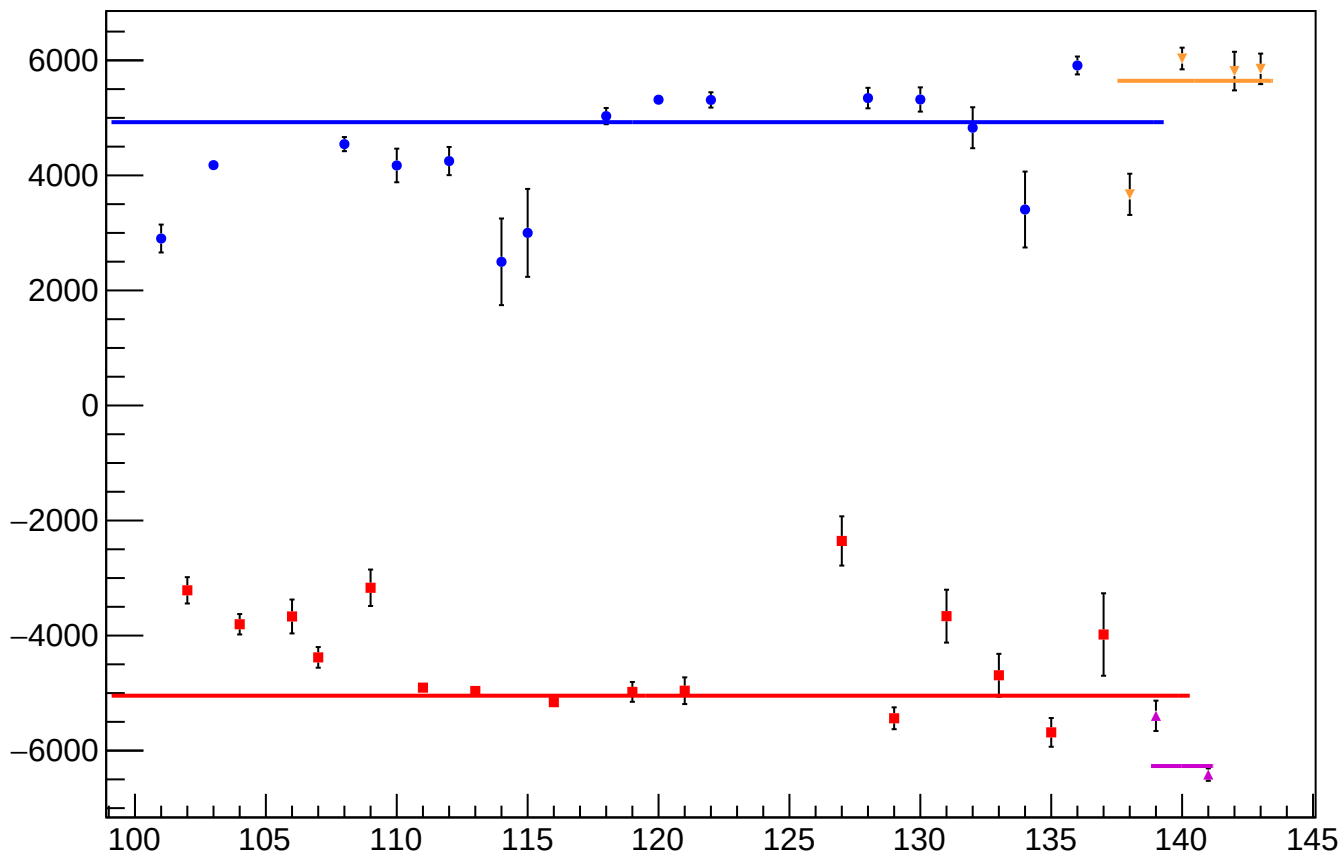
Left In: -140.024 ± 0.078 χ^2/NDF : 165.9/1

116.377 ± 0.000 χ^2/NDF : 15979323783741632

23.794 ± 0.000 χ^2/NDF : 3461839071665

-120.186 ± 0.000 χ^2/NDF : 5223325364426169

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

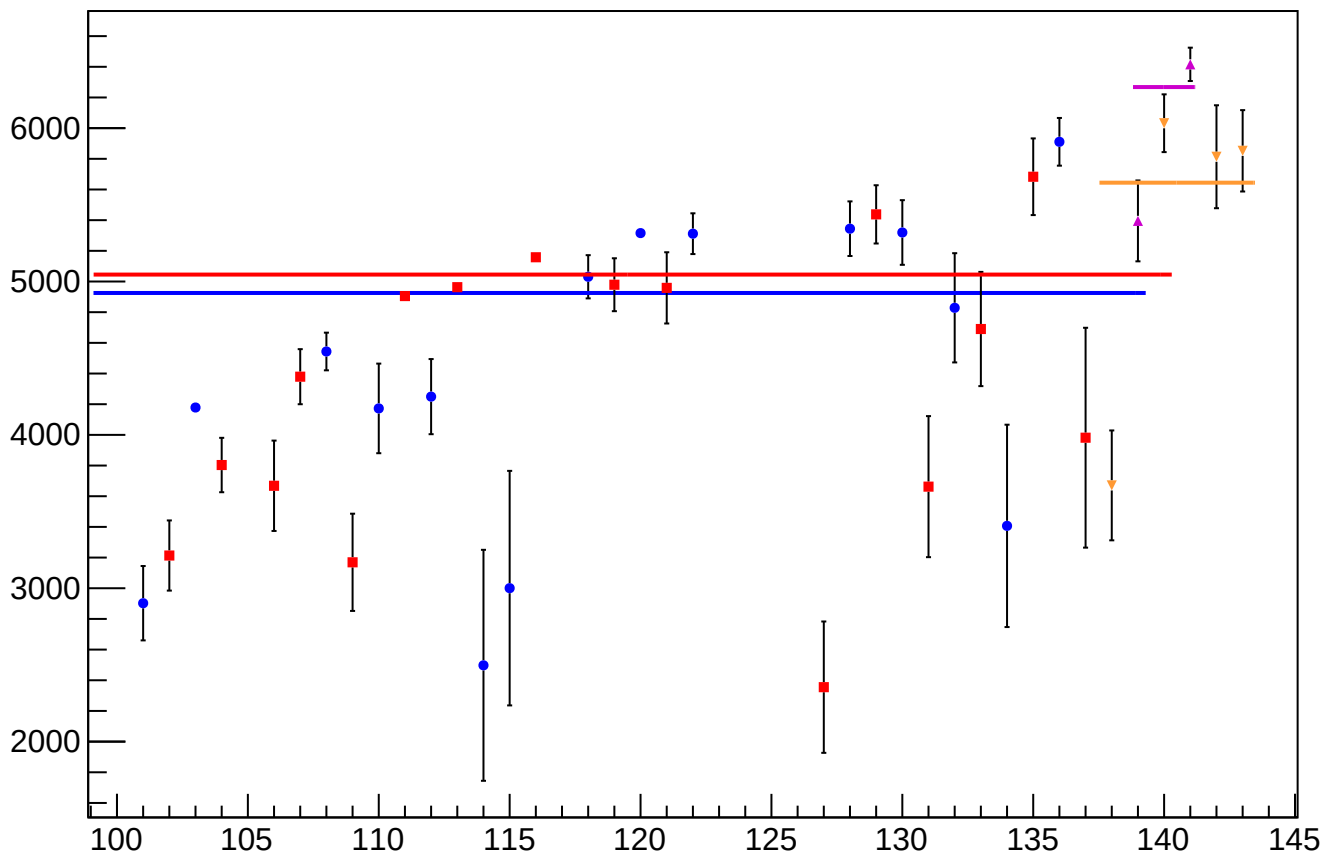
Left In: -6267.902+/-100.487 χ^2/NDF :12.8/1

4925.343+/-0.939 χ^2/NDF : 331060.6/18

-1694.516+/-0.544 χ^2/NDF : 75271584.0/0

-5045.275+/-0.668 χ^2/NDF : 30340.7/17

dit_cyclenum_rms 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

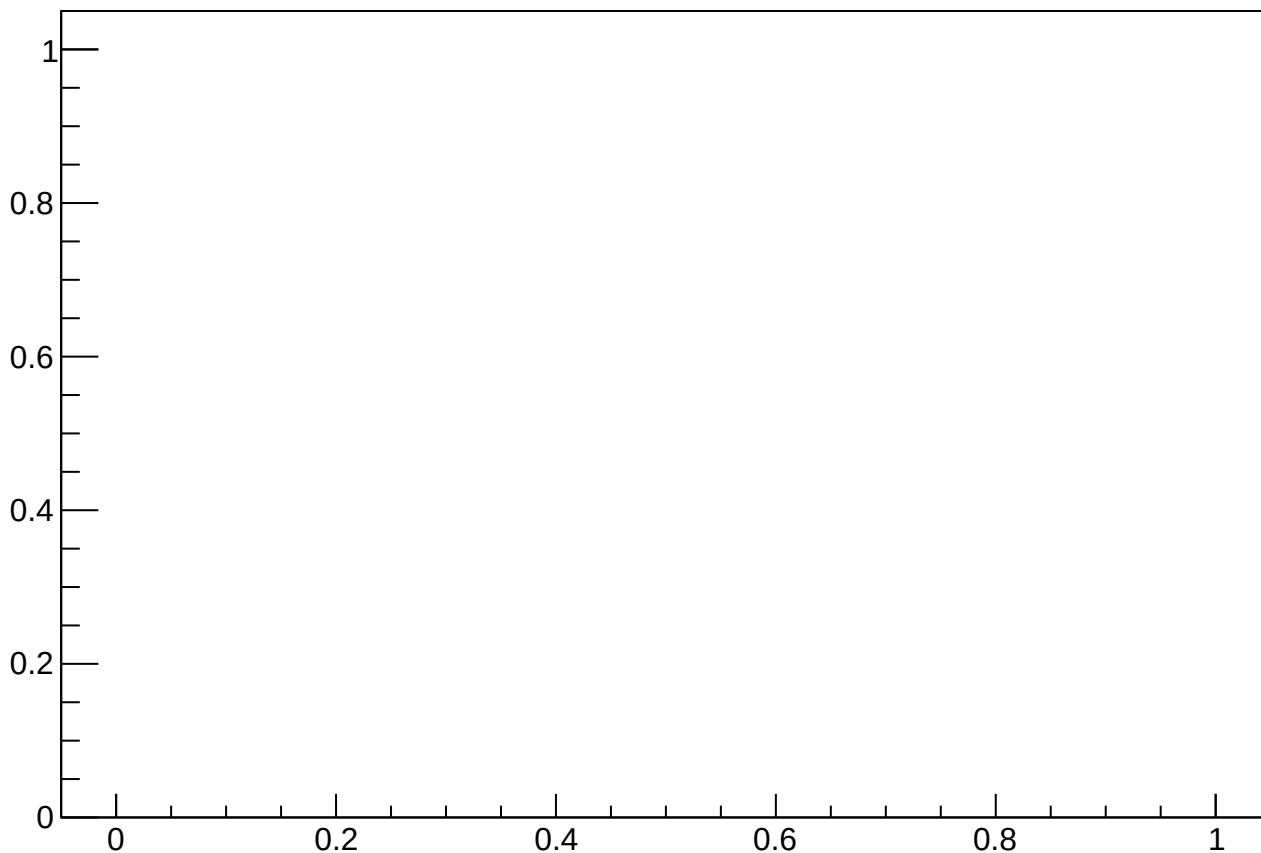
Left In: 6267.902+/-100.487 χ^2/NDF : 12.8/1

4925.343+/-0.939 χ^2/NDF : 331060.6/18

5004.970+/-0.544 χ^2/NDF : 372239.8/36

5045.275+/-0.668 χ^2/NDF : 30340.7/17

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

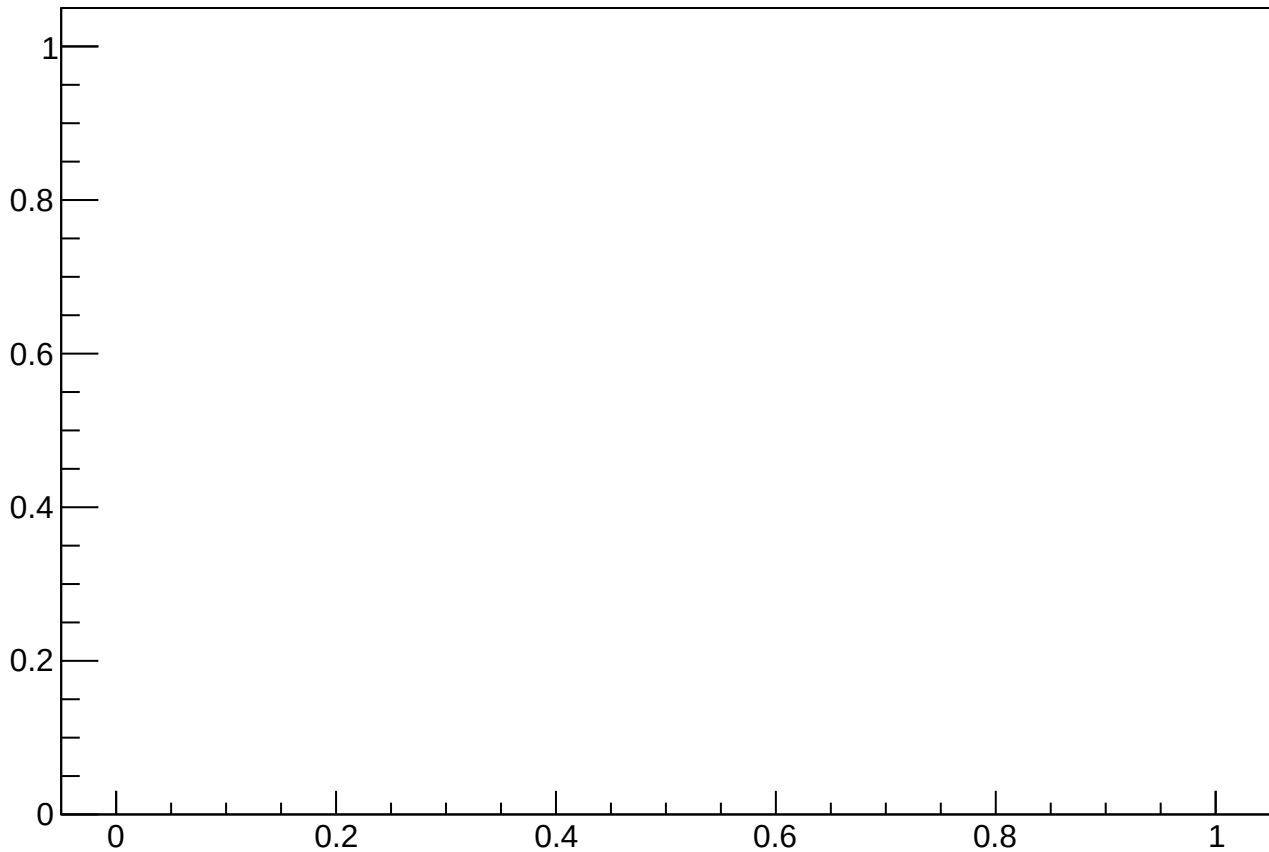
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

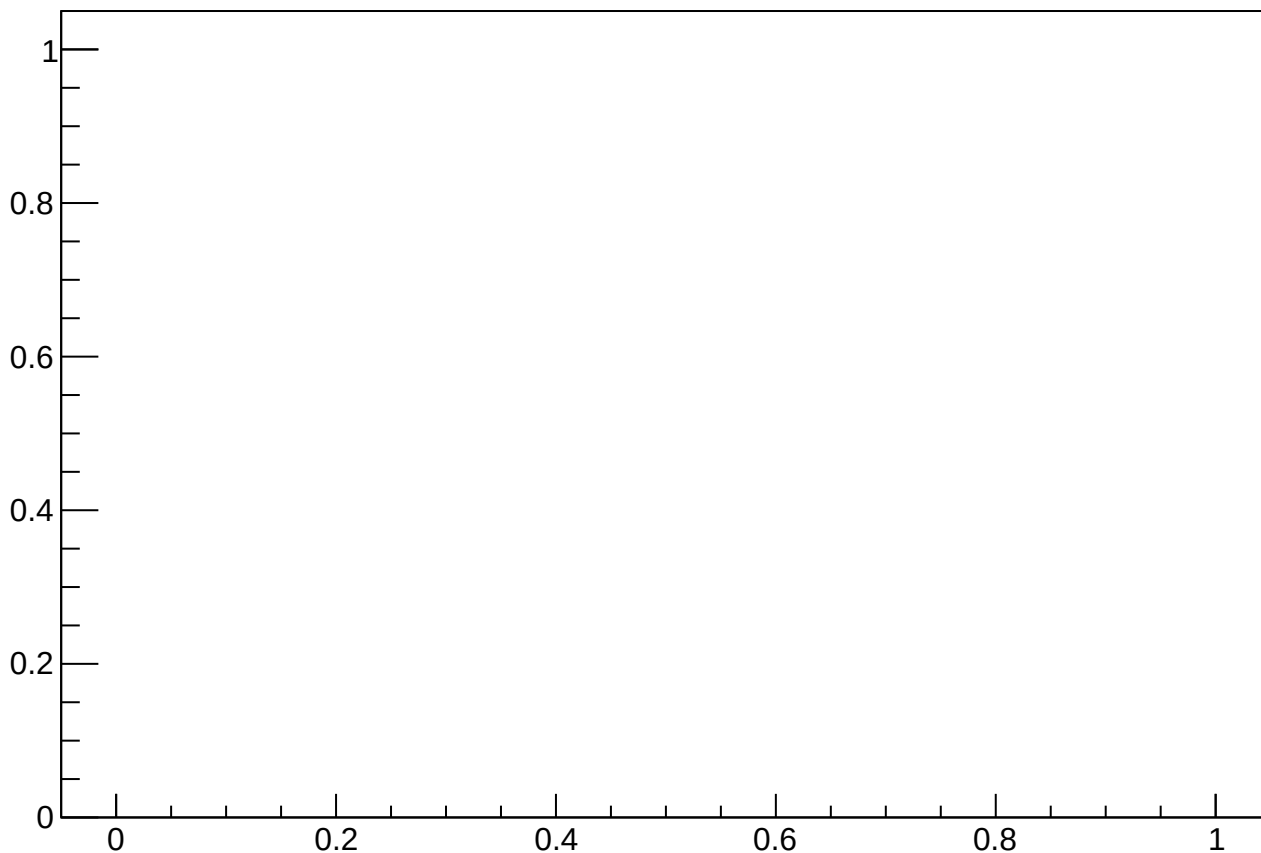
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

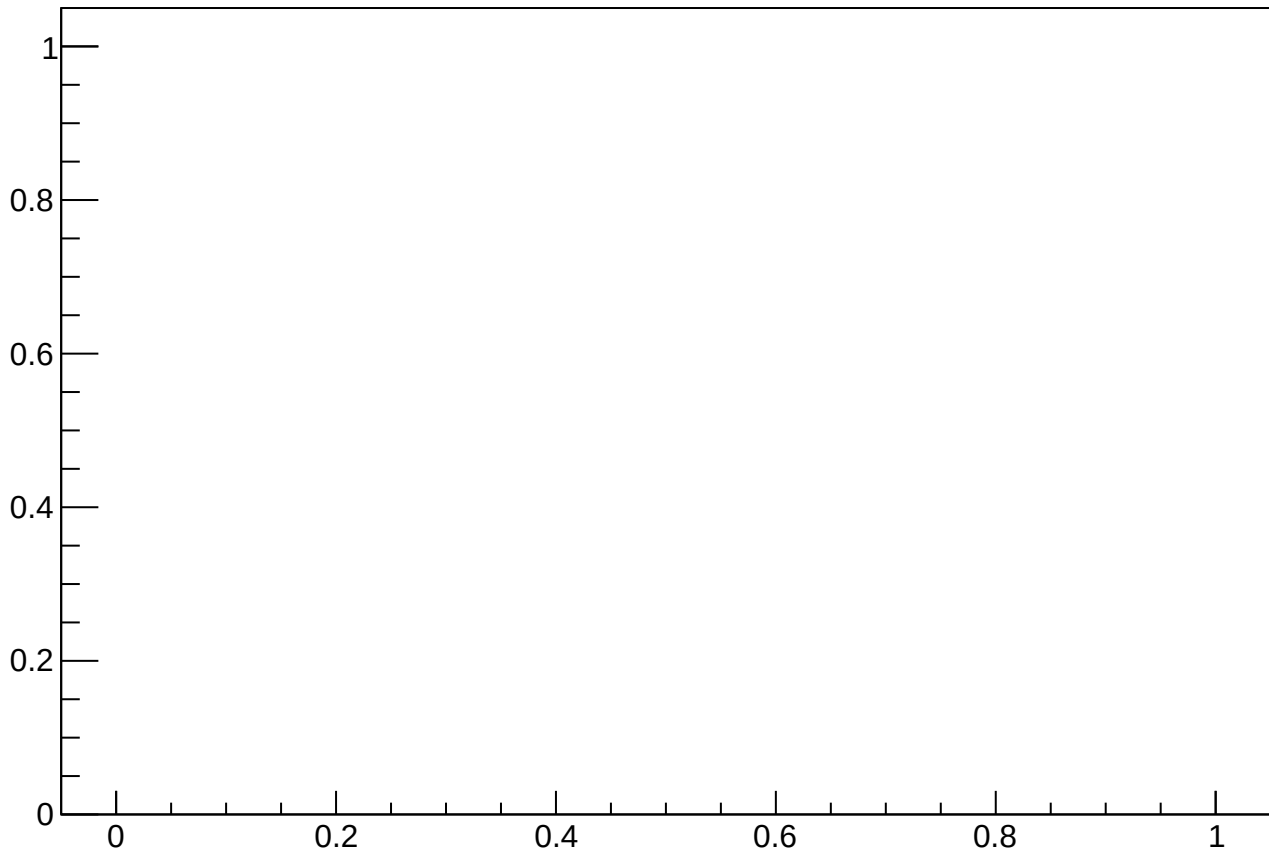
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

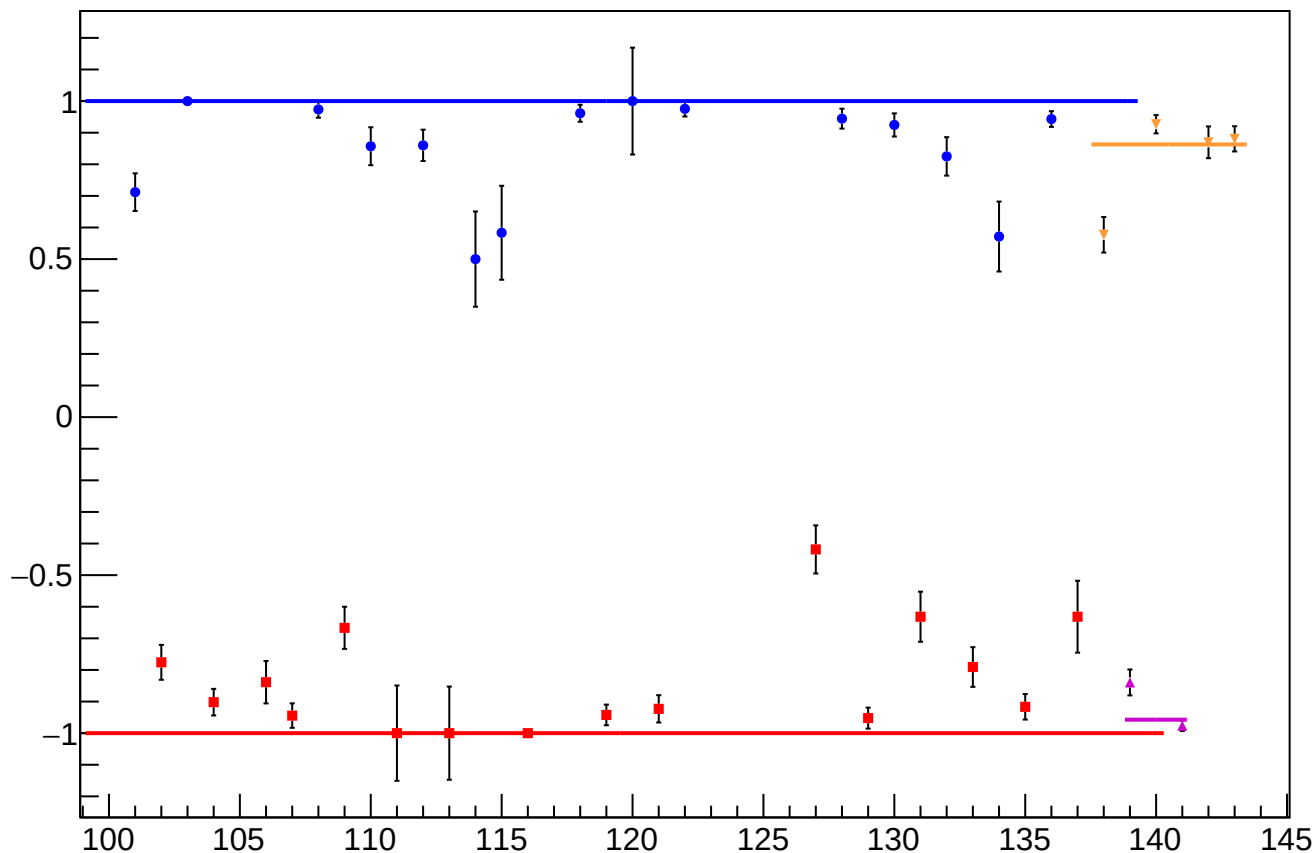
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

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 $\pm$ 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

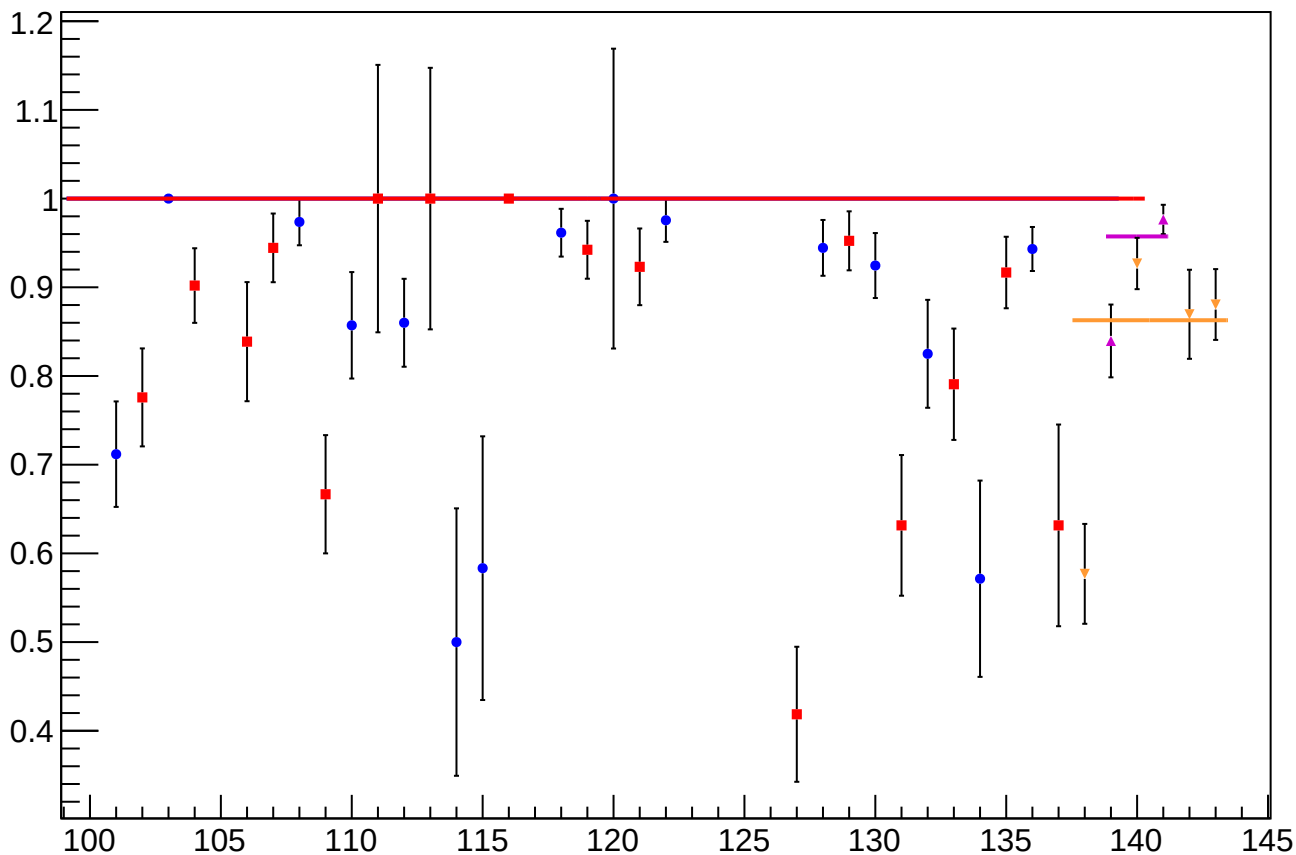
Left In: -0.957 $\pm$ 0.015 χ^2 /NDF:9.6/1

1.000 $\pm$ 0.000 χ^2 /NDF: 174.5/18

0.398 $\pm$ 0.000 χ^2 /NDF: 14173250084479

-1.000 $\pm$ 0.000 χ^2 /NDF: 186.2/17

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

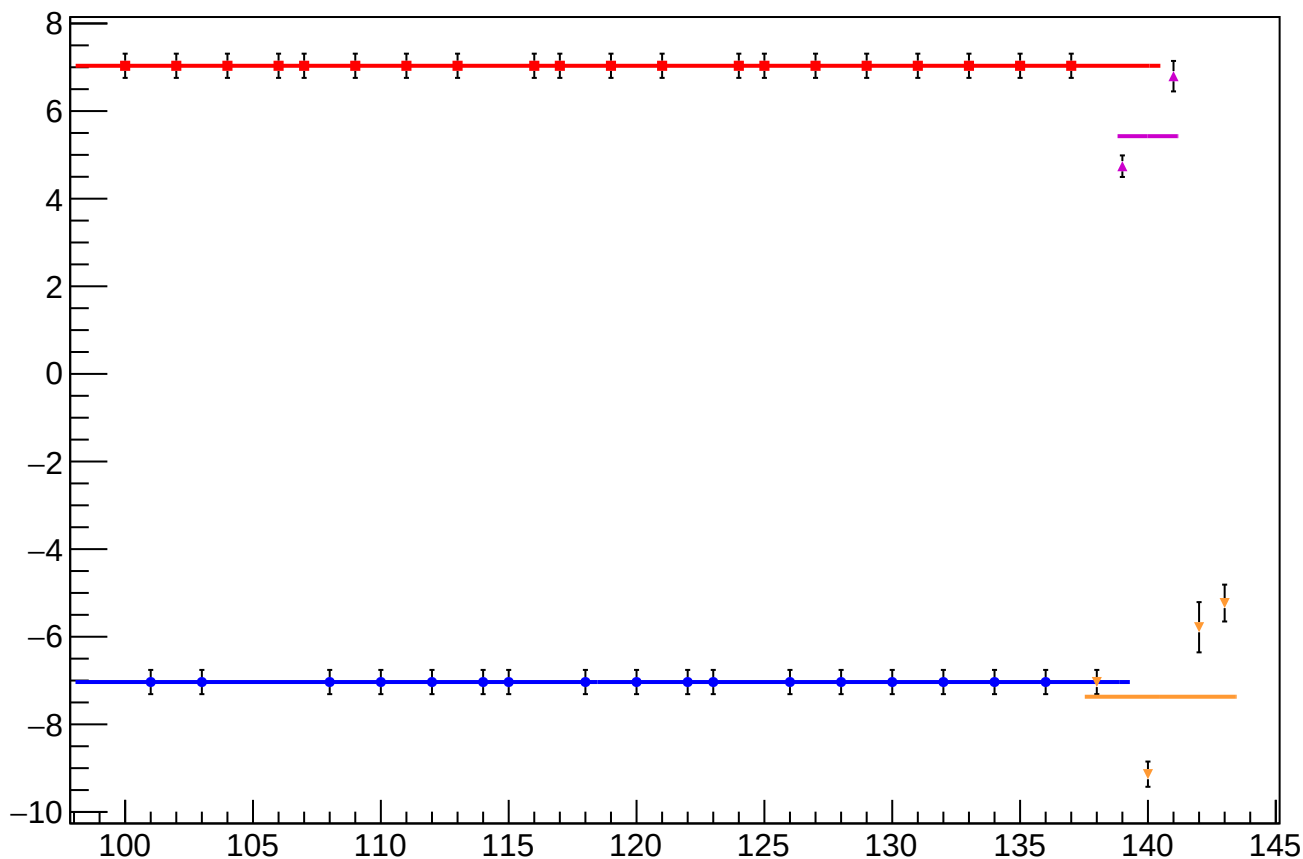
Left In: 0.957 $\pm$ 0.015 χ^2 /NDF:9.6/1

1.000 $\pm$ 0.000 χ^2 /NDF: 174.5/18

1.000 $\pm$ 0.000 χ^2 /NDF: 443.6/36

1.000 $\pm$ 0.000 χ^2 /NDF: 186.2/17

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.034 ± 0.067 χ^2/NDF : 0.0/16

Left Out: -7.370 ± 0.172 χ^2/NDF : 72.6/3

Right Out: 7.034 ± 0.062 χ^2/NDF : 0.0/19

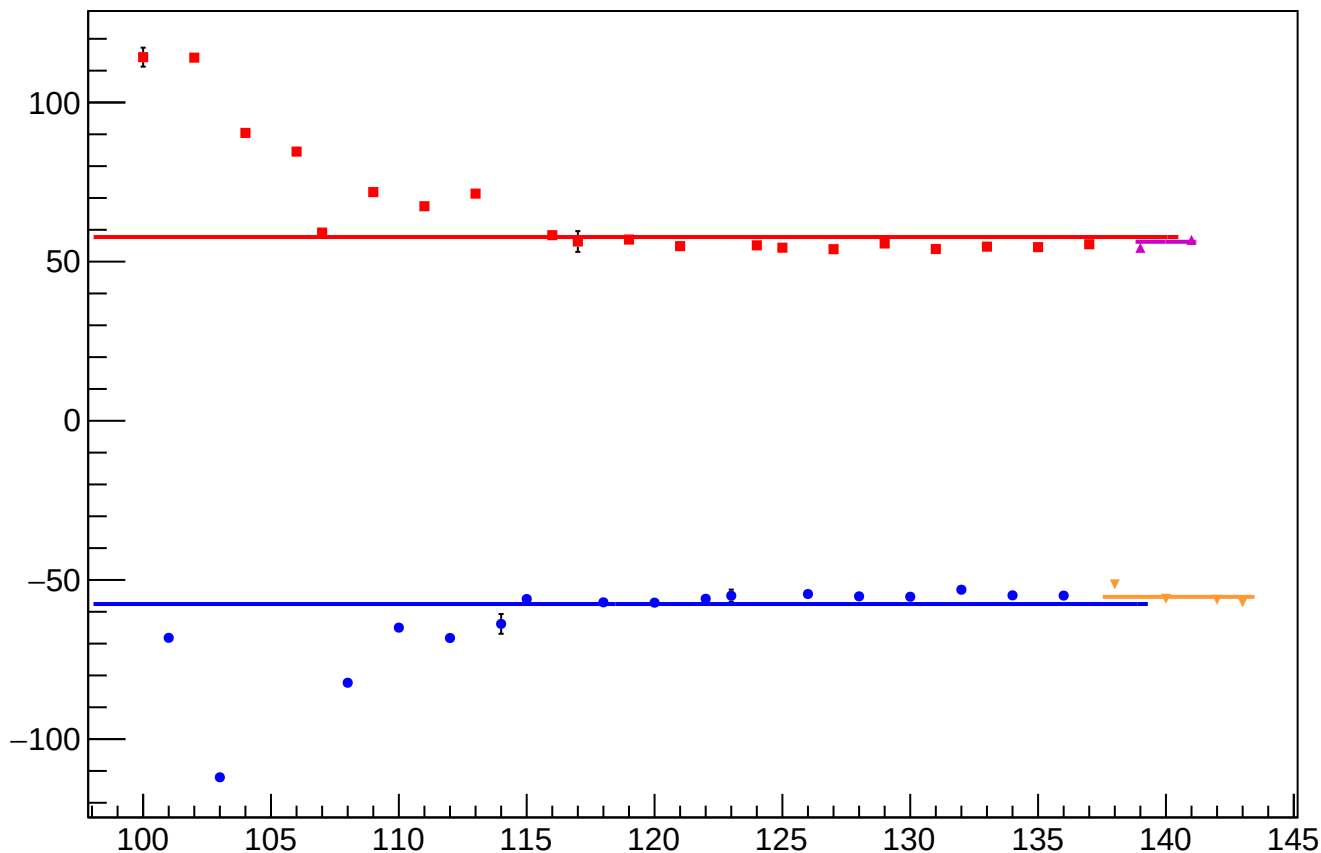
Left In: 5.427 ± 0.201 χ^2/NDF : 23.3/1

-7.078 ± 0.062 χ^2/NDF : 75.9/20

0.297 ± 0.043 χ^2/NDF : 26566.6/42

6.895 ± 0.059 χ^2/NDF : 81.8/21

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

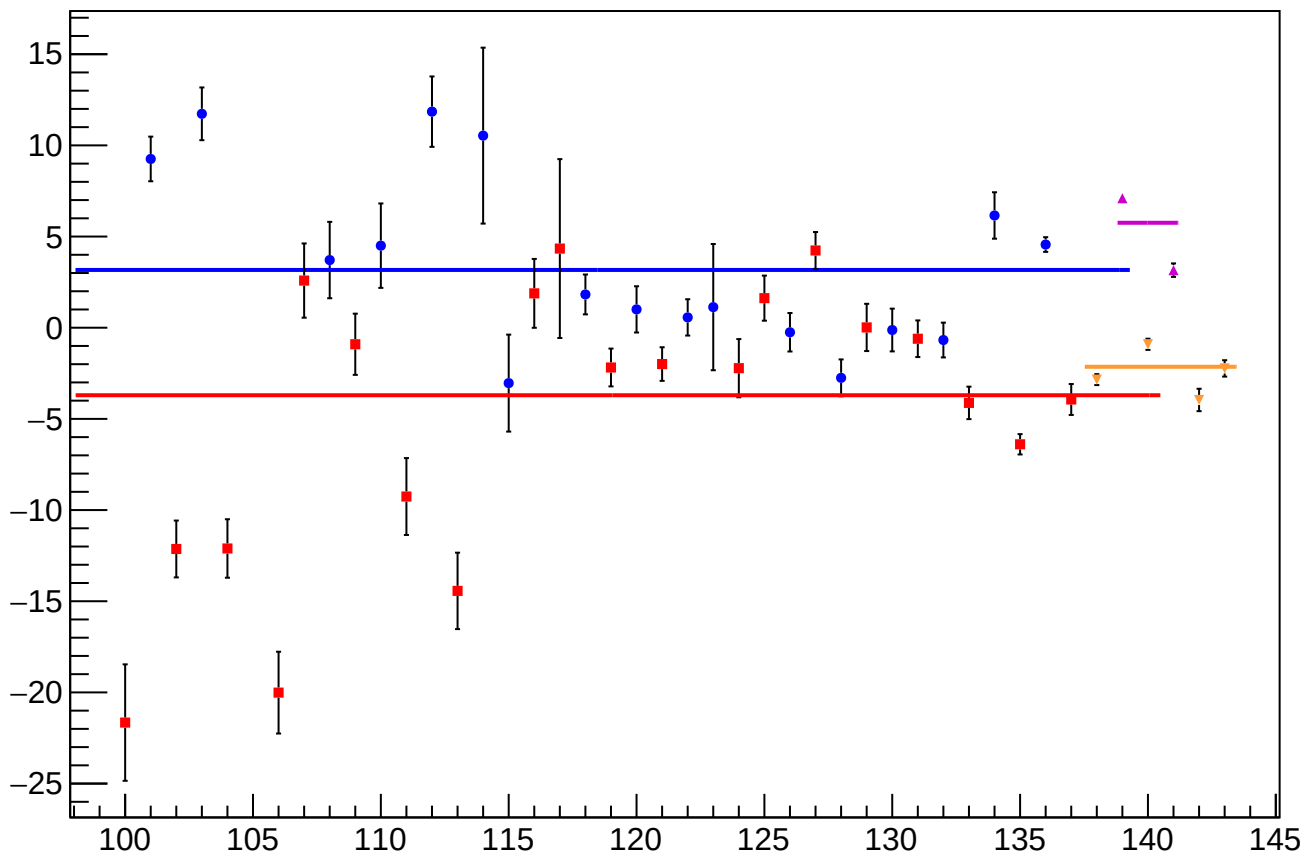
Left In: 56.232 ± 0.219 χ^2/NDF : 23.8/1

-56.485 ± 0.102 χ^2/NDF : 3771.6/20

-8.502 ± 0.078 χ^2/NDF : 531897.3/42

57.284 ± 0.120 χ^2/NDF : 4755.5/21

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

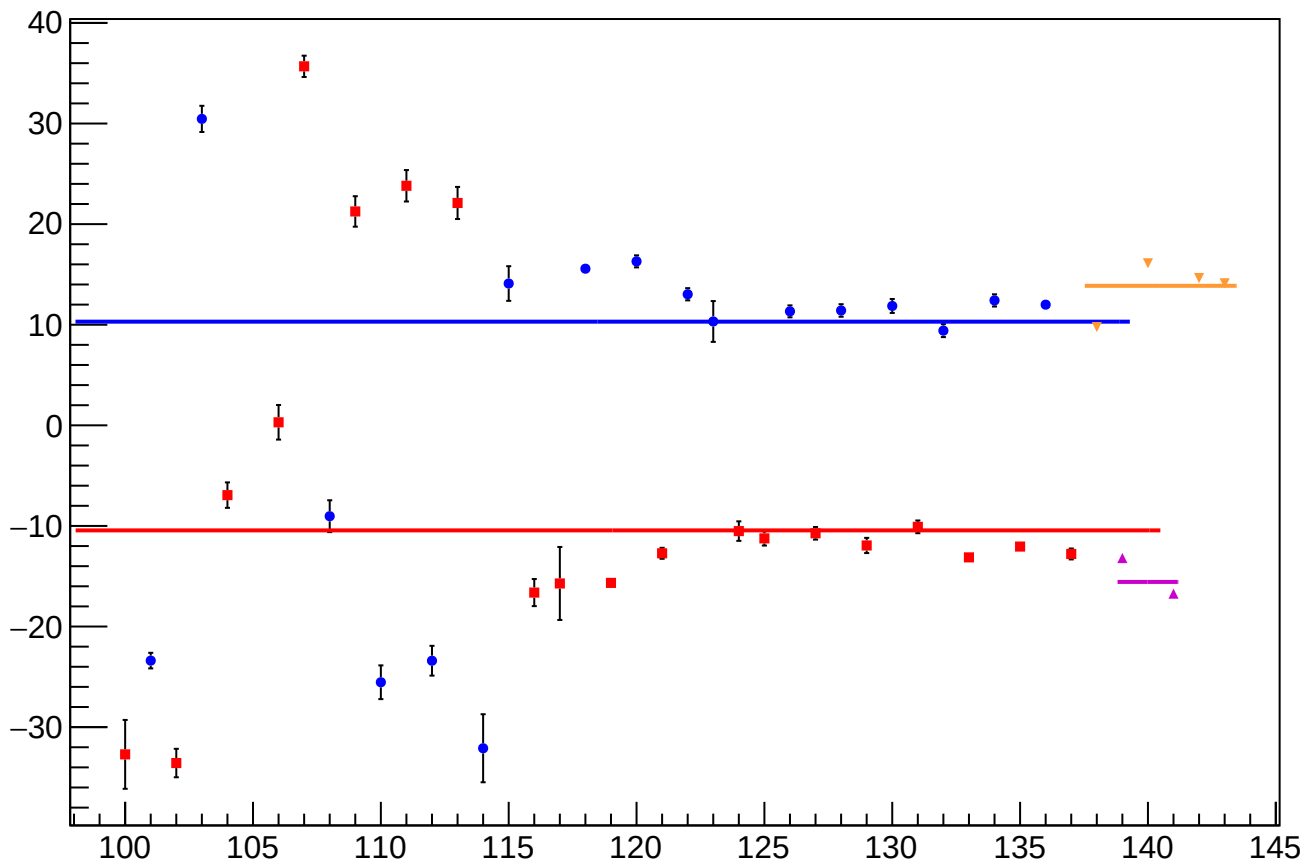
Left In: 5.756 ± 0.216 χ^2/NDF : 75.0/1

-0.340 ± 0.150 χ^2/NDF : 497.1/20

0.703 ± 0.112 χ^2/NDF : 1766.2/42

2.009 ± 0.168 χ^2/NDF : 1160.3/21

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 $\chi^2/\text{NDF}: 3830.6/19$

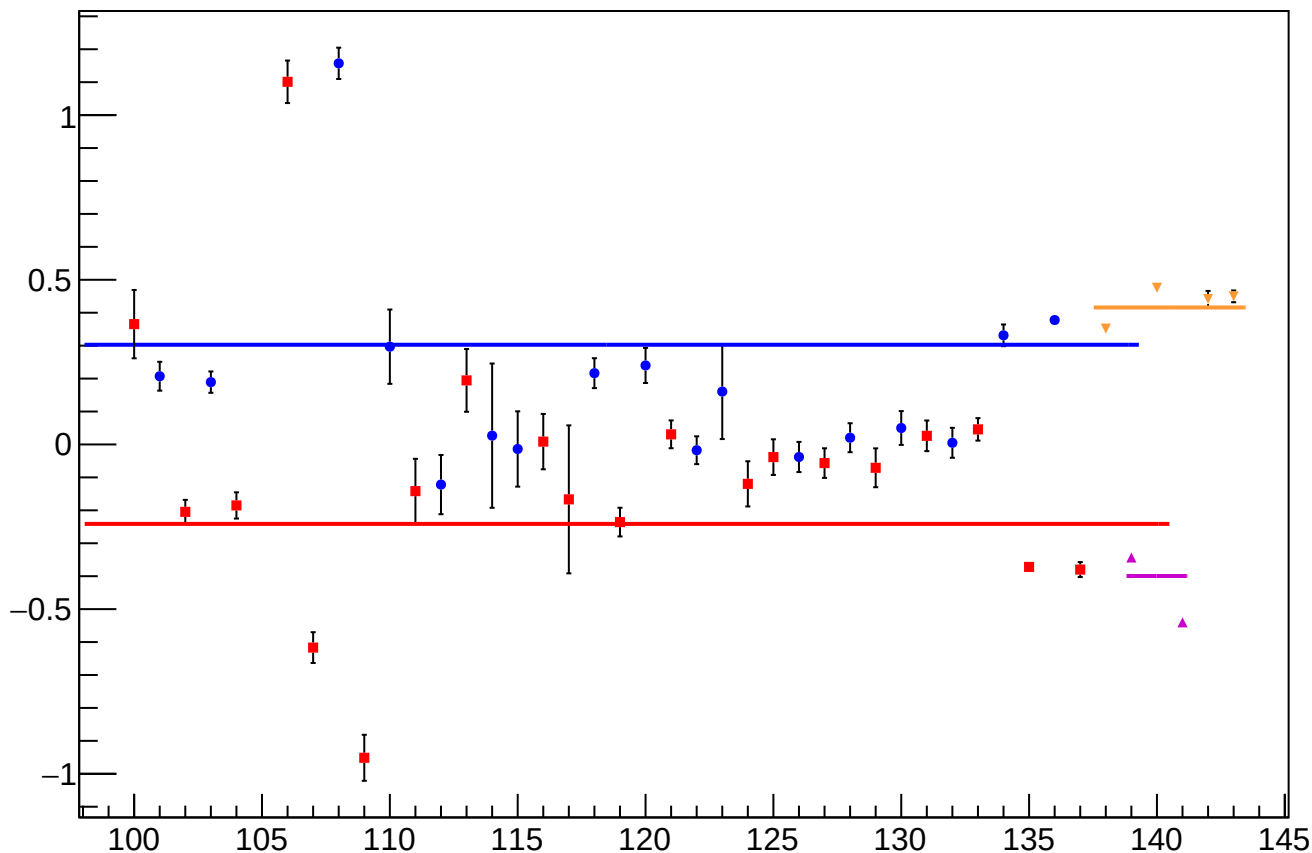
Left In: -15.566 ± 0.246 $\chi^2/\text{NDF}: 45.8/1$

11.909 ± 0.116 $\chi^2/\text{NDF}: 4143.0/20$

1.647 ± 0.088 $\chi^2/\text{NDF}: 26437.3/42$

-11.964 ± 0.134 $\chi^2/\text{NDF}: 4181.8/21$

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2/NDF : 646.6/16

Left Out: 0.416 $\pm$ 0.007 χ^2/NDF : 55.9/3

Right Out: -0.241 $\pm$ 0.008 χ^2/NDF : 986.9/19

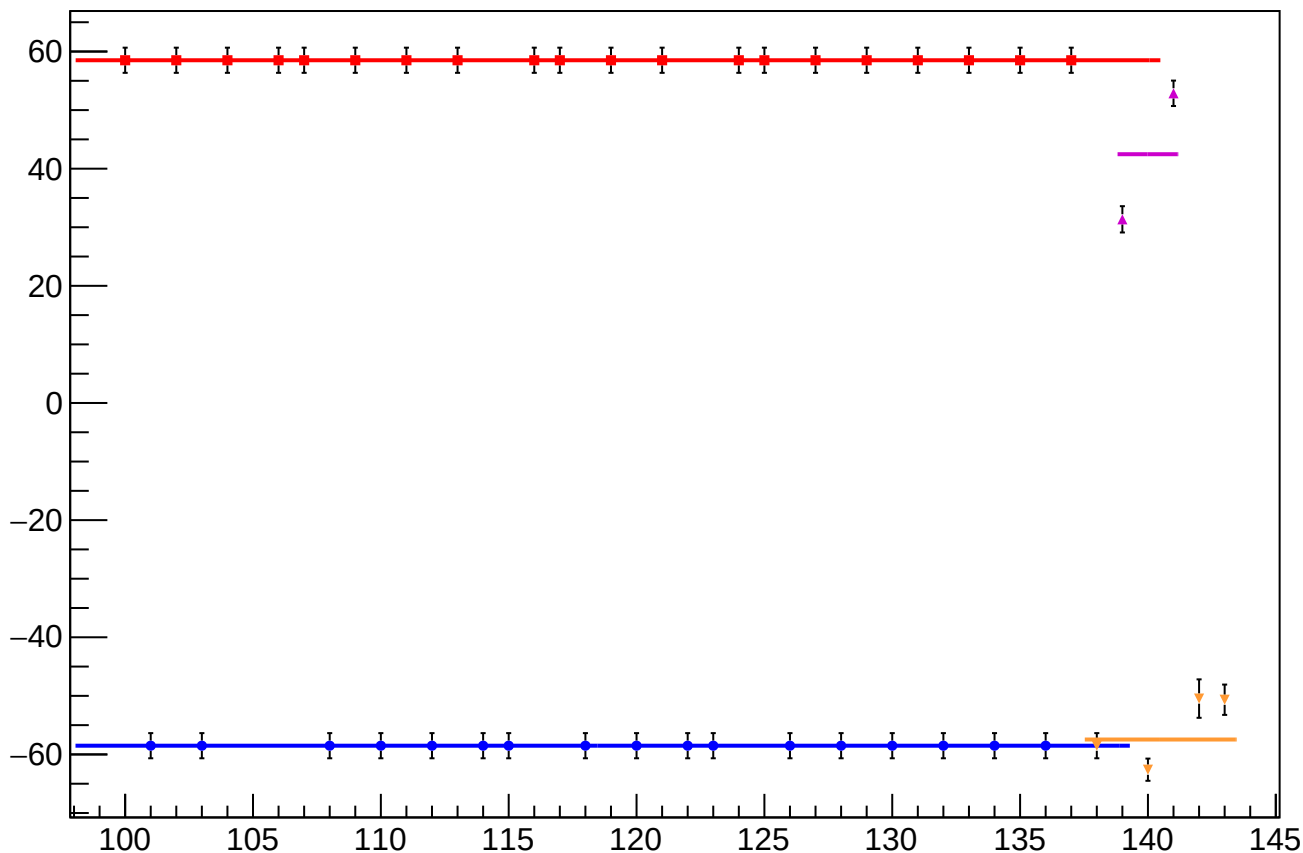
Left In: -0.399 $\pm$ 0.008 χ^2/NDF : 125.3/1

0.365 $\pm$ 0.006 χ^2/NDF : 806.9/20

0.037 $\pm$ 0.004 χ^2/NDF : 9537.0/42

-0.326 $\pm$ 0.006 χ^2/NDF : 1297.4/21

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -58.509 $\pm$ 0.521 χ^2/NDF : 0.0/16

Left Out: -57.454 $\pm$ 1.165 χ^2/NDF :19.1/3

Right Out: 58.509 $\pm$ 0.480 χ^2/NDF : 0.0/19

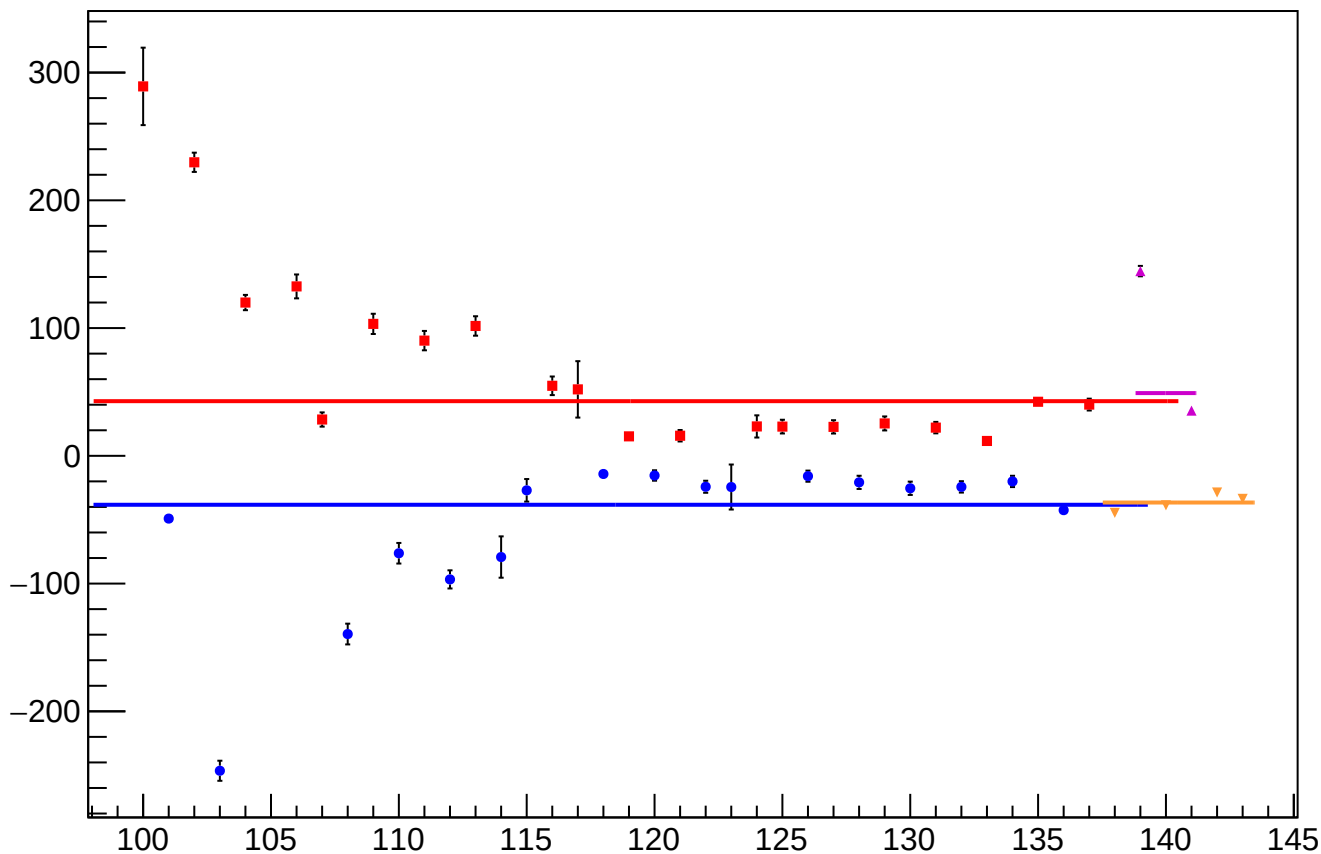
Left In: 42.469 $\pm$ 1.560 χ^2/NDF :47.5/1

-58.333 $\pm$ 0.476 χ^2/NDF : 19.7/20

1.432 $\pm$ 0.330 χ^2/NDF : 30666.5/42

57.120 $\pm$ 0.459 χ^2/NDF : 144.0/21

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

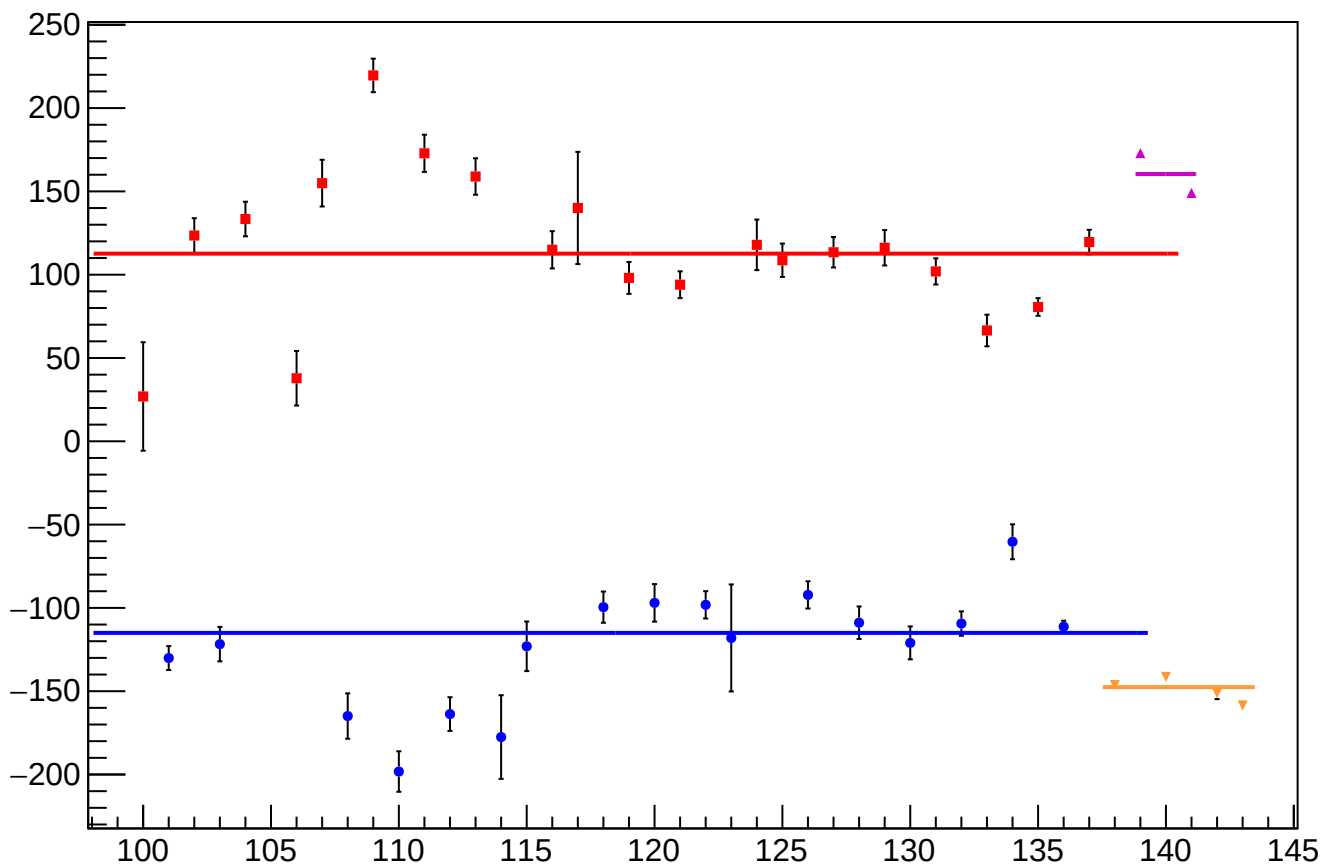
Left In: 49.110 ± 1.443 χ^2/NDF : 629.1/1

-37.243 ± 0.713 χ^2/NDF : 1167.8/20

-6.512 ± 0.565 χ^2/NDF : 8144.7/42

45.392 ± 0.927 χ^2/NDF : 1982.1/21

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

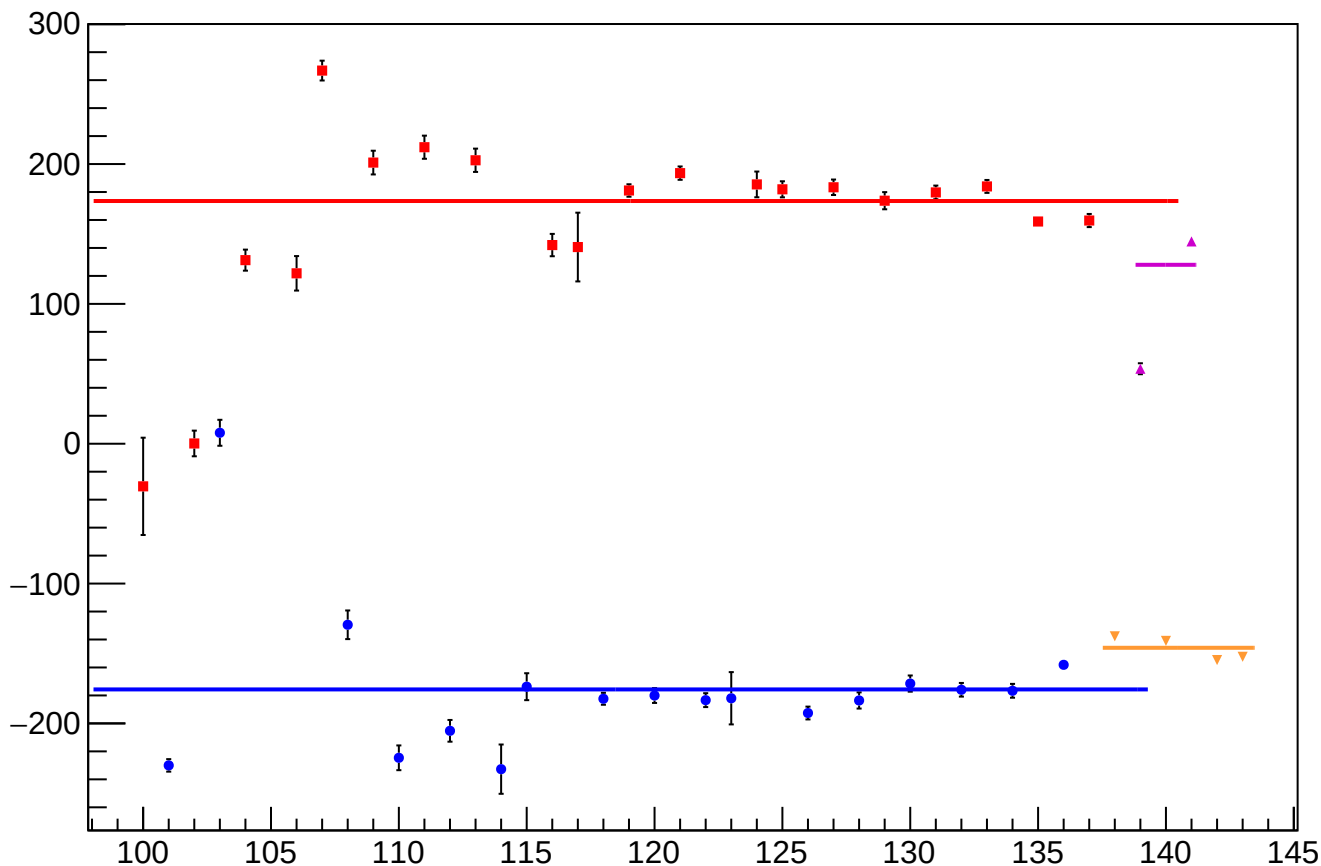
Left In: 160.415 ± 1.673 χ^2/NDF : 51.0/1

-138.894 ± 1.069 χ^2/NDF : 349.3/20

-28.470 ± 0.834 χ^2/NDF : 28198.1/42

142.928 ± 1.332 χ^2/NDF : 623.4/21

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

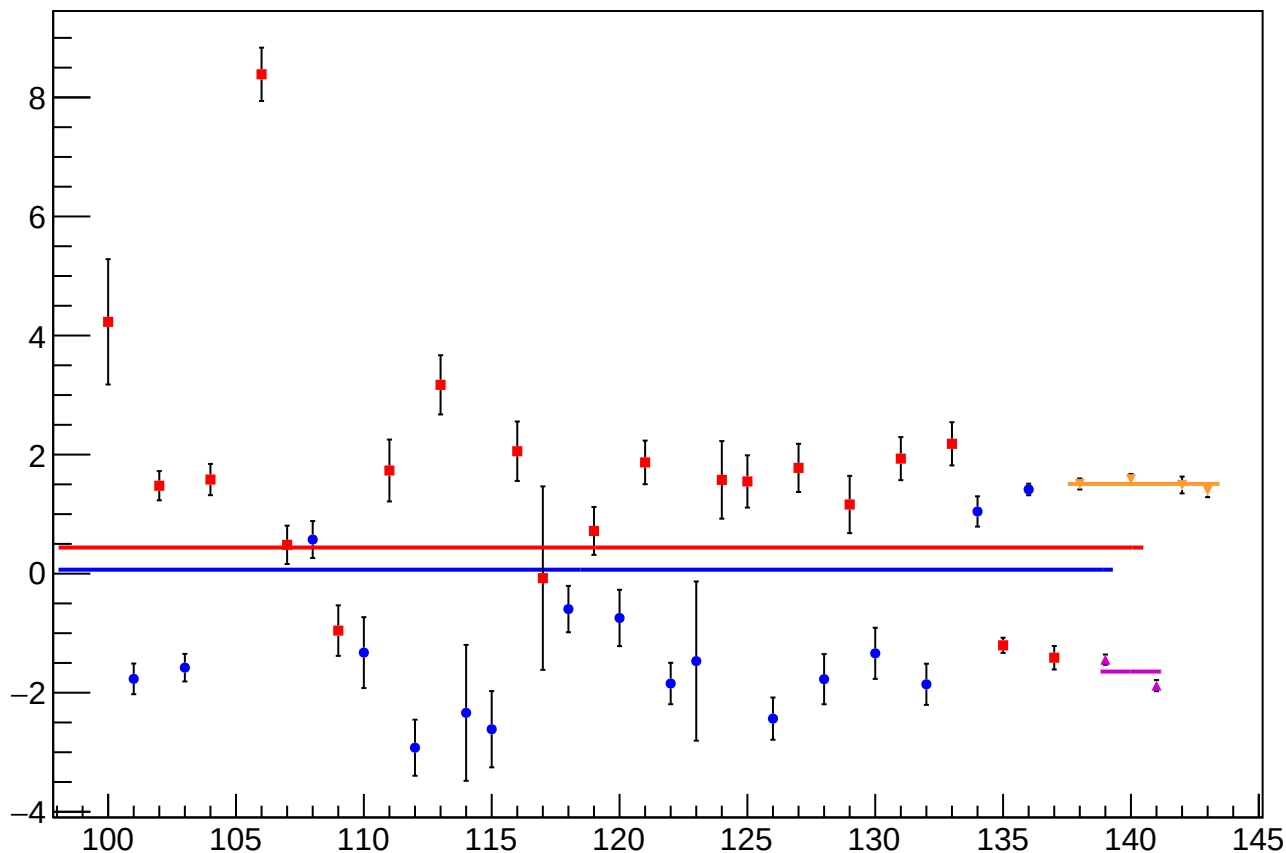
Left In: 127.946 ± 1.681 χ^2/NDF : 440.0/1

-158.651 ± 0.829 χ^2/NDF : 1048.4/20

-38.614 ± 0.652 χ^2/NDF : 57588.6/42

155.614 ± 1.054 χ^2/NDF : 1626.4/21

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

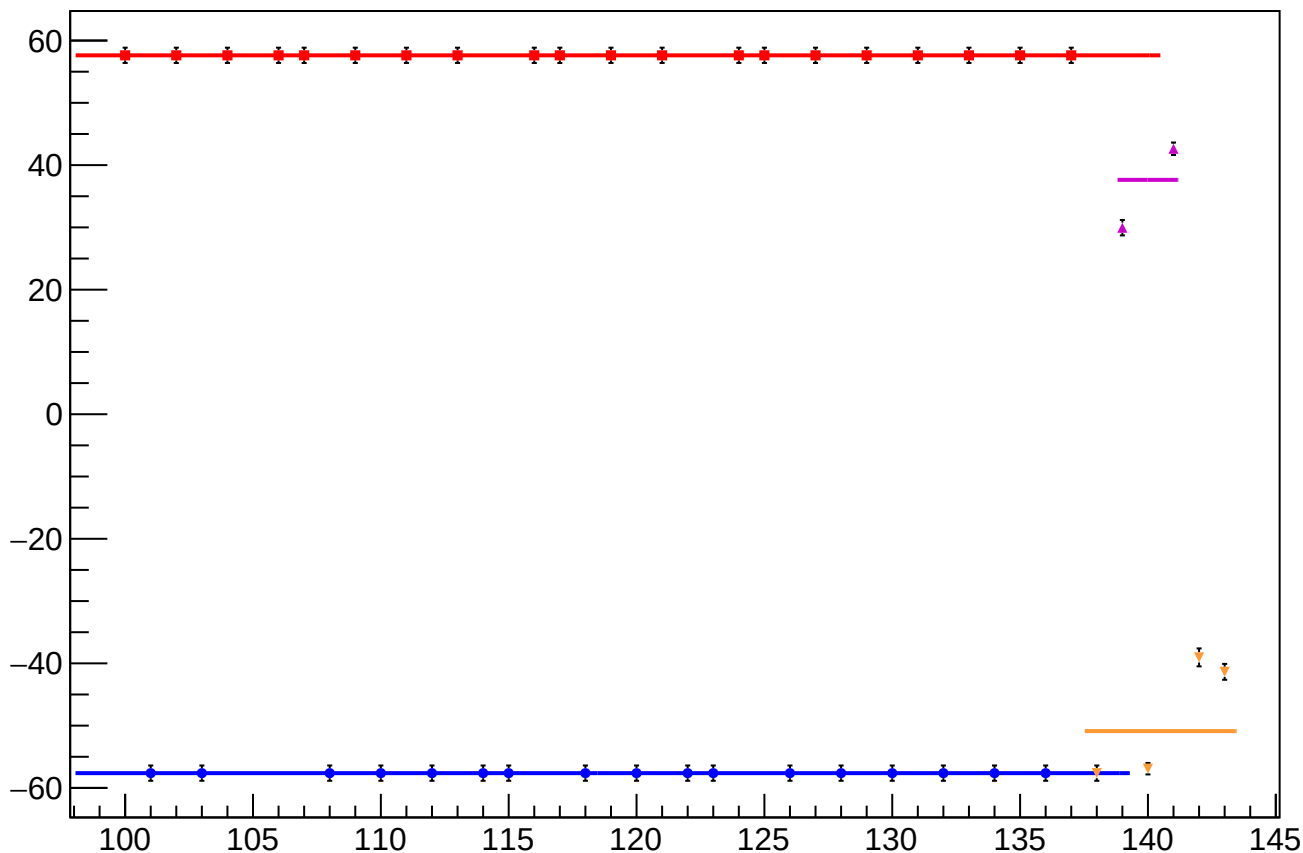
Left In: -1.645 ± 0.063 χ^2/NDF : 11.8/1

0.973 ± 0.041 χ^2/NDF : 819.2/20

0.248 ± 0.031 χ^2/NDF : 2806.6/42

-0.724 ± 0.047 χ^2/NDF : 1247.3/21

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -57.628 $\pm$ 0.298 χ^2/NDF : 0.0/16

Left Out: -50.876 $\pm$ 0.584 χ^2/NDF : 196.1/3

Right Out: 57.628 $\pm$ 0.275 χ^2/NDF : 0.0/19

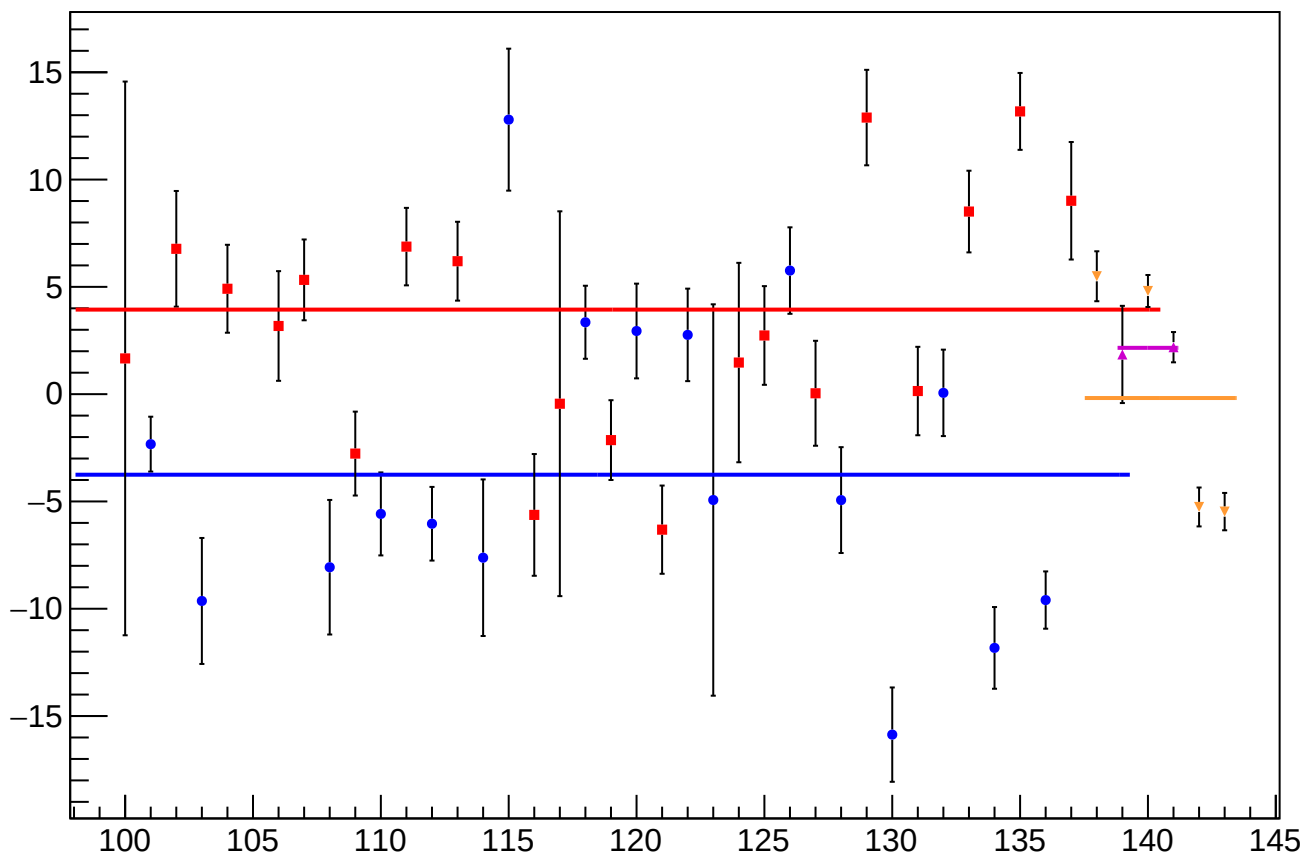
Left In: 37.633 $\pm$ 0.777 χ^2/NDF : 63.5/1

-56.232 $\pm$ 0.266 χ^2/NDF : 302.2/20

0.944 $\pm$ 0.185 χ^2/NDF : 91474.5/42

55.405 $\pm$ 0.259 χ^2/NDF : 651.8/21

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.754 ± 0.495 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -0.180 ± 0.444 $\chi^2/\text{NDF}: 136.9/3$

Right Out: 3.940 ± 0.506 $\chi^2/\text{NDF}: 123.6/19$

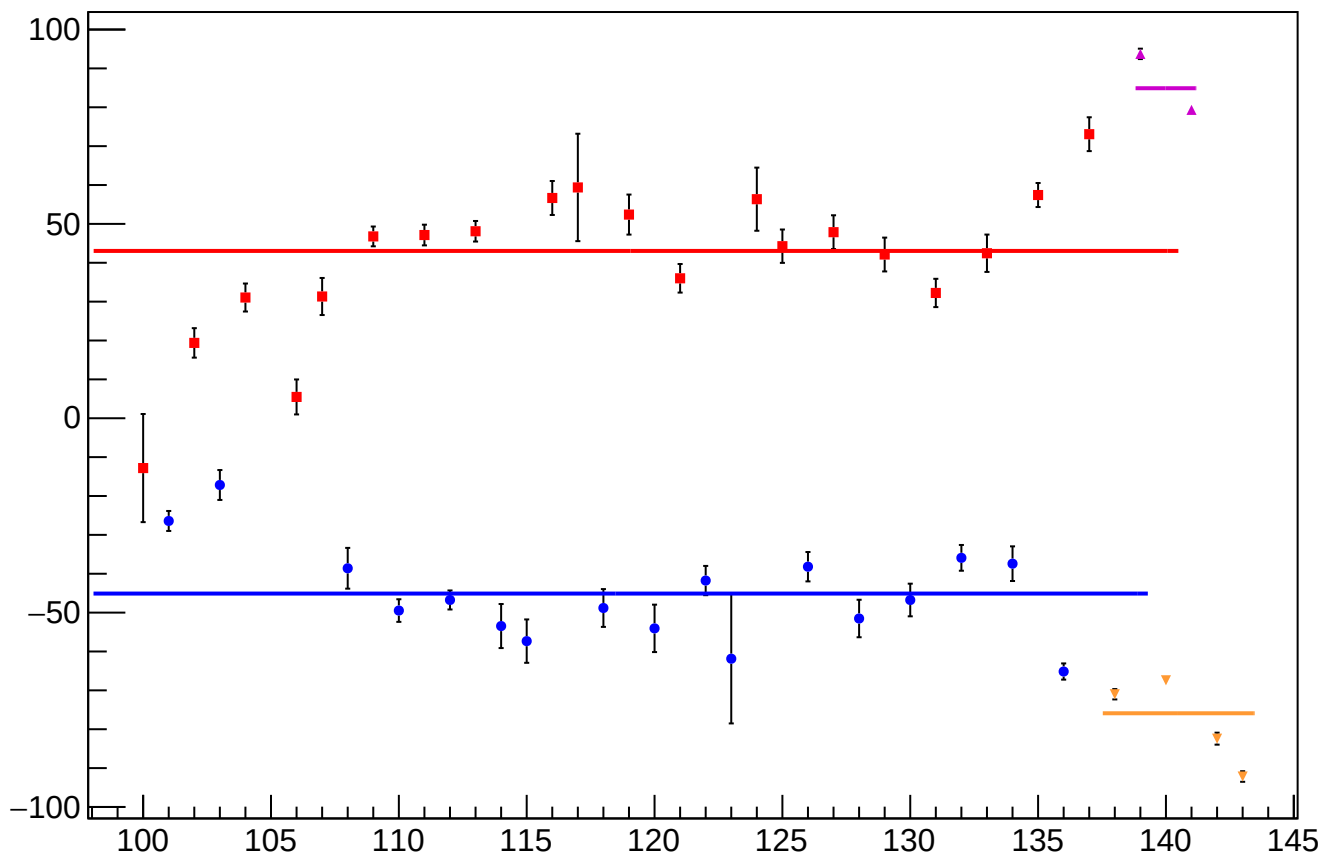
Left In: 2.159 ± 0.674 $\chi^2/\text{NDF}: 0.0/1$

-1.773 ± 0.330 $\chi^2/\text{NDF}: 331.1/20$

0.256 ± 0.256 $\chi^2/\text{NDF}: 553.4/42$

3.297 ± 0.405 $\chi^2/\text{NDF}: 128.0/21$

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

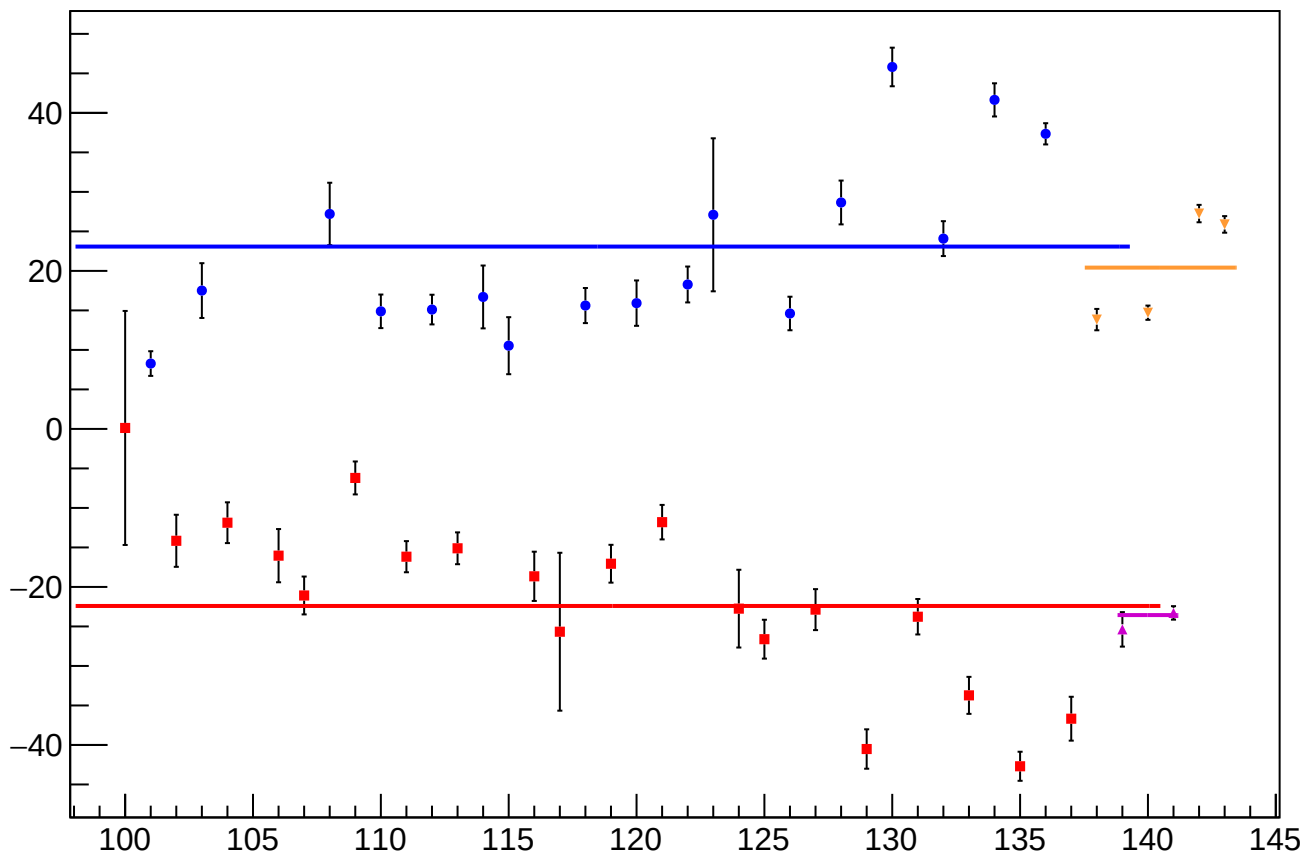
Left In: 84.901±/0.832 χ^2/NDF : 71.1/1

-65.586±/0.510 χ^2/NDF : 1292.0/20

-11.148±/0.389 χ^2/NDF : 30193.8/42

65.051±/0.603 χ^2/NDF : 1522.8/21

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.079 $\pm$ 0.556 χ^2/NDF : 461.1/16

Left Out: 20.416 $\pm$ 0.534 χ^2/NDF :129.4/3

Right Out: -22.408 $\pm$ 0.571 χ^2/NDF : 370.4/19

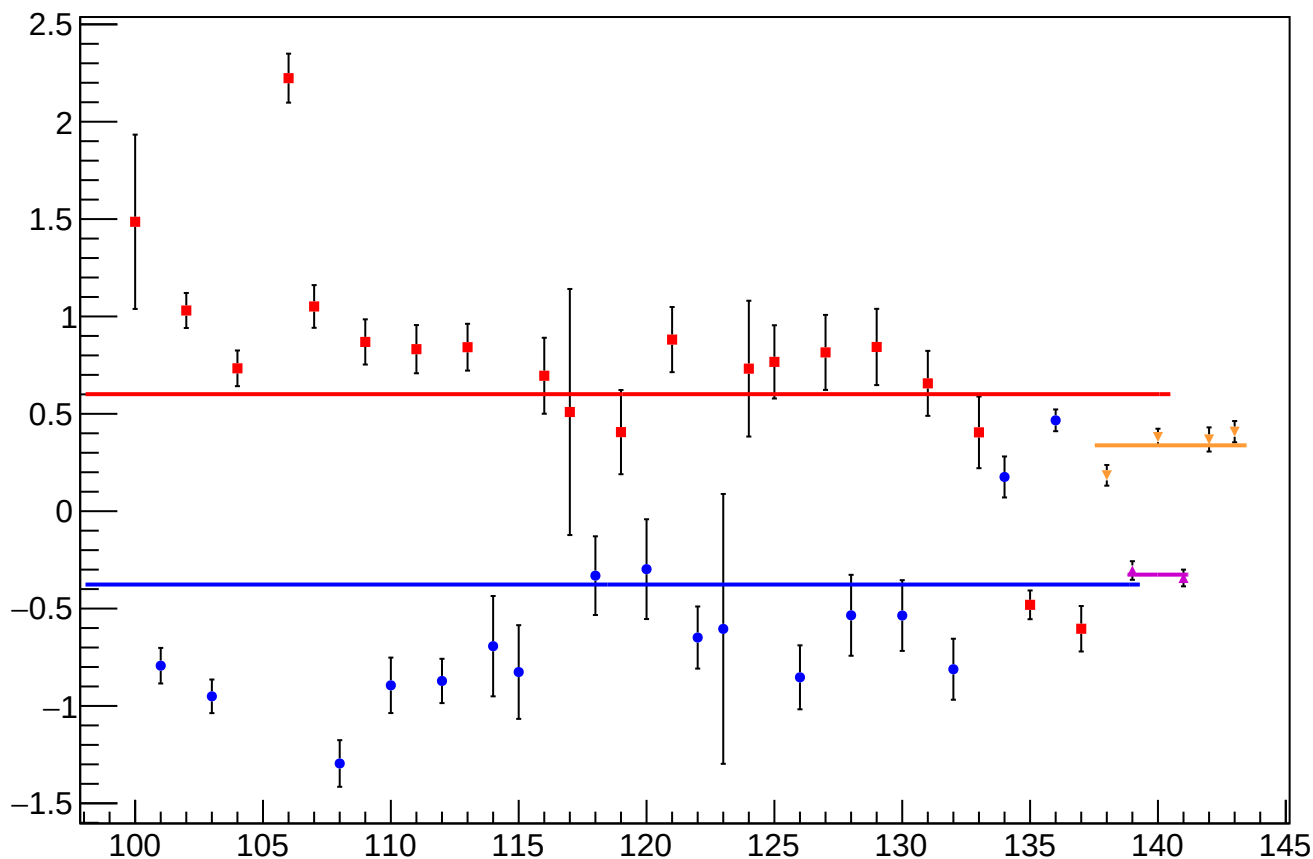
Left In: -23.561 $\pm$ 0.794 χ^2/NDF :0.8/1

21.694 $\pm$ 0.385 χ^2/NDF : 602.5/20

3.537 $\pm$ 0.296 χ^2/NDF : 6423.8/42

-22.802 $\pm$ 0.464 χ^2/NDF : 372.6/21

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.338 ± 0.026 χ^2/NDF : 11.3/3

Right Out: 0.601 ± 0.030 χ^2/NDF : 555.6/19

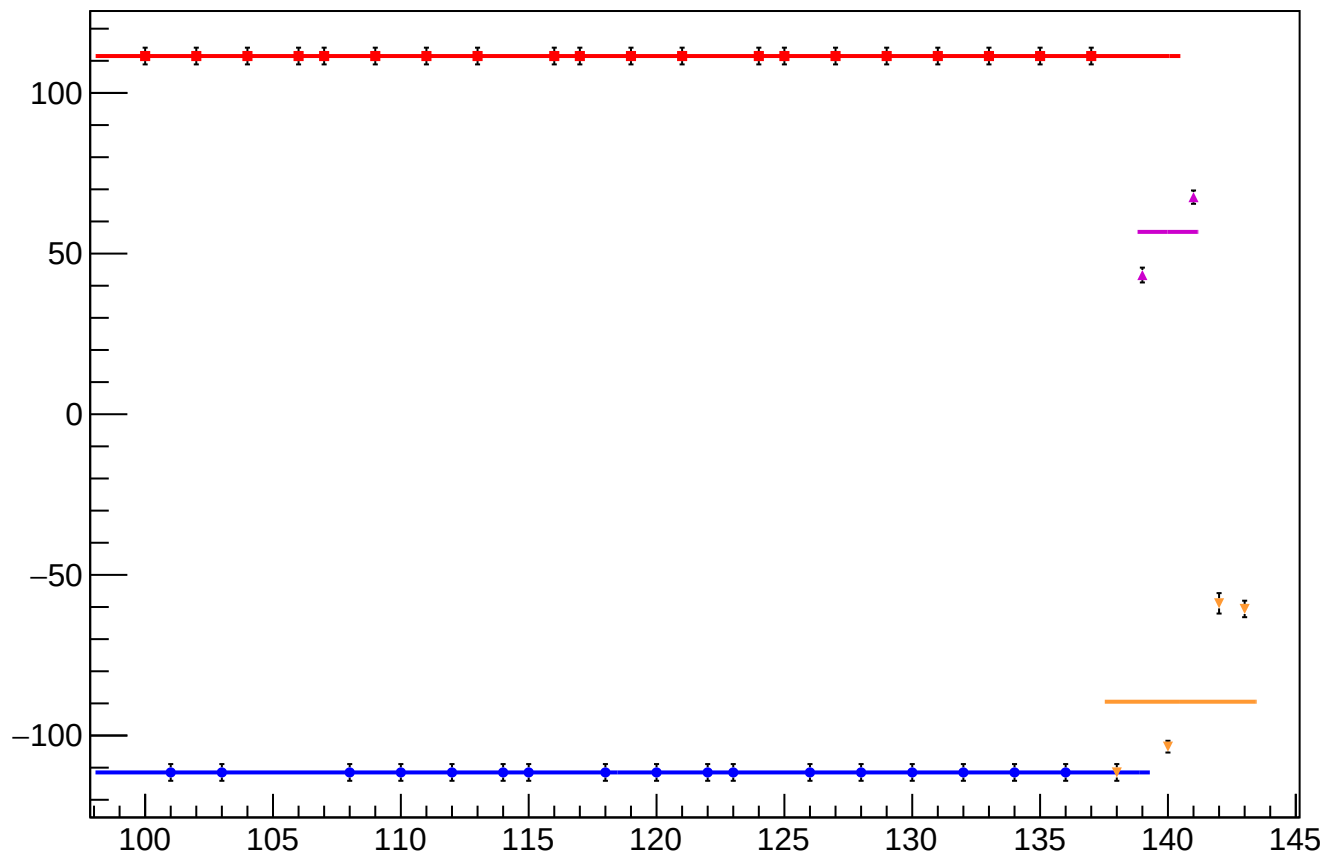
Left In: -0.326 ± 0.032 χ^2/NDF : 0.4/1

0.034 ± 0.020 χ^2/NDF : 773.2/20

0.092 ± 0.015 χ^2/NDF : 1794.4/42

0.164 ± 0.022 χ^2/NDF : 1001.7/21

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -111.486 ± 0.632 χ^2/NDF : 0.0/16

Left Out: -89.476 ± 1.199 χ^2/NDF : 348.9/3

Right Out: 111.486 ± 0.582 χ^2/NDF : 0.0/19

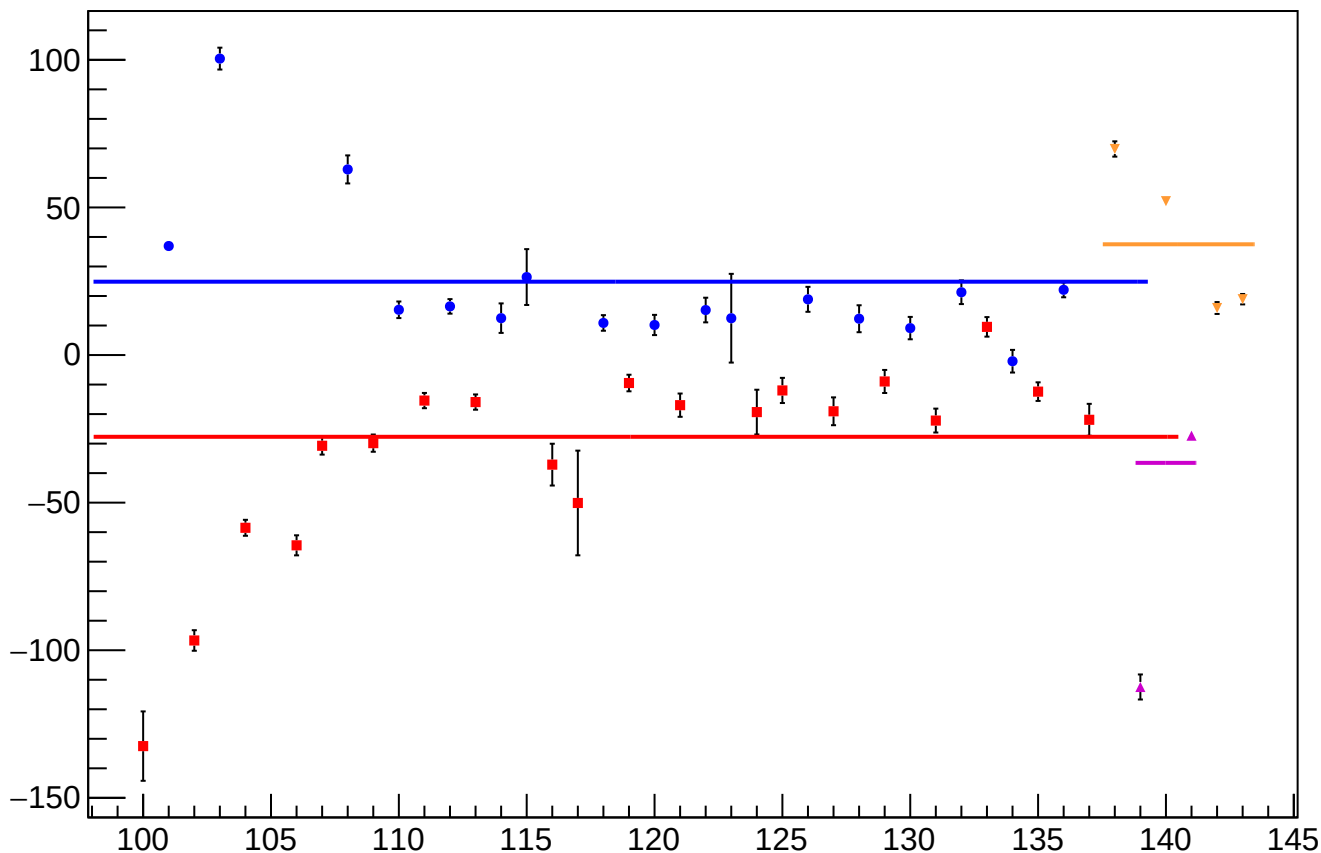
Left In: 56.753 ± 1.544 χ^2/NDF : 60.9/1

-106.704 ± 0.559 χ^2/NDF : 612.8/20

1.653 ± 0.390 χ^2/NDF : 75121.6/42

104.671 ± 0.545 χ^2/NDF : 1161.0/21

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

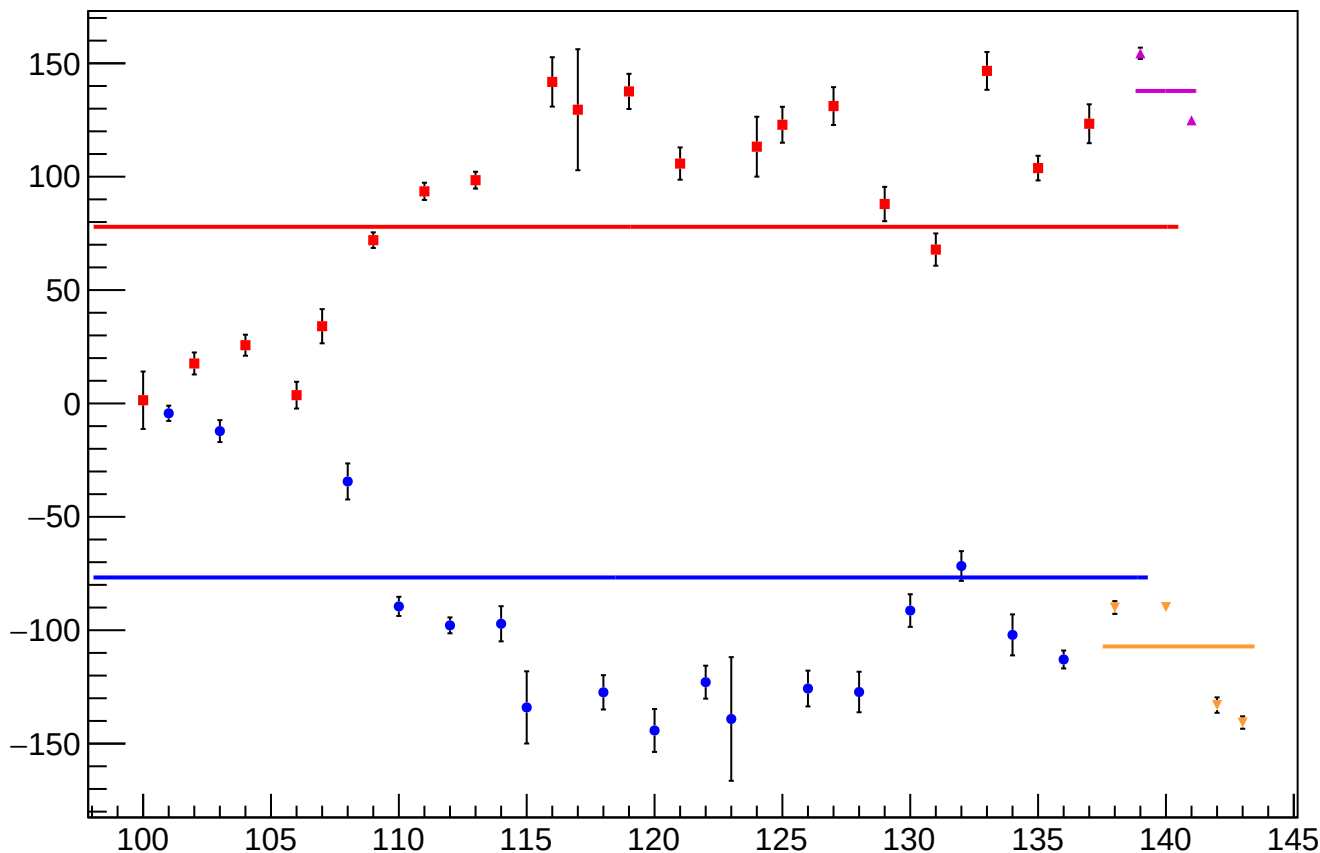
Left In: -36.525 $\pm$ 1.395 χ^2 /NDF: 359.1/1

30.257 $\pm$ 0.606 χ^2 /NDF: 1273.7/20

4.476 $\pm$ 0.458 χ^2 /NDF: 6895.0/42

-29.919 $\pm$ 0.700 χ^2 /NDF: 1399.8/21

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.728 ± 1.412 $\chi^2/\text{NDF}: 1042.0/16$

Left Out: -107.152 ± 1.283 $\chi^2/\text{NDF}: 323.7/3$

Right Out: 77.905 ± 1.351 $\chi^2/\text{NDF}: 875.6/19$

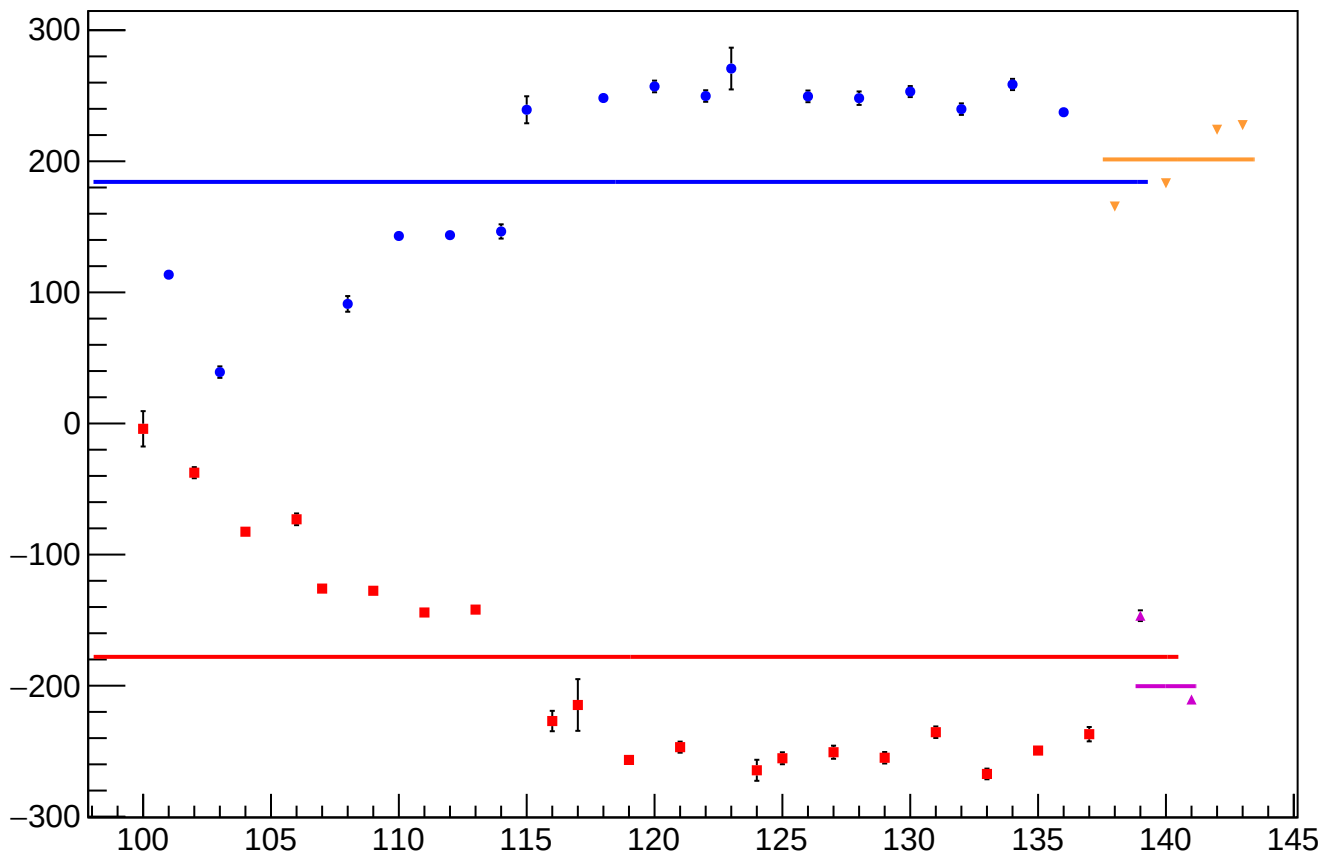
Left In: 137.819 ± 1.653 $\chi^2/\text{NDF}: 78.6/1$

-93.394 ± 0.950 $\chi^2/\text{NDF}: 1620.0/20$

-5.149 ± 0.703 $\chi^2/\text{NDF}: 22469.8/42$

101.887 ± 1.046 $\chi^2/\text{NDF}: 1741.9/21$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271 $\pm$ 0.914 χ^2/NDF : 5401.0/16

Left Out: 201.416 $\pm$ 1.112 χ^2/NDF : 485.9/3

Right Out: -178.011 $\pm$ 0.923 χ^2/NDF : 6334.4/19

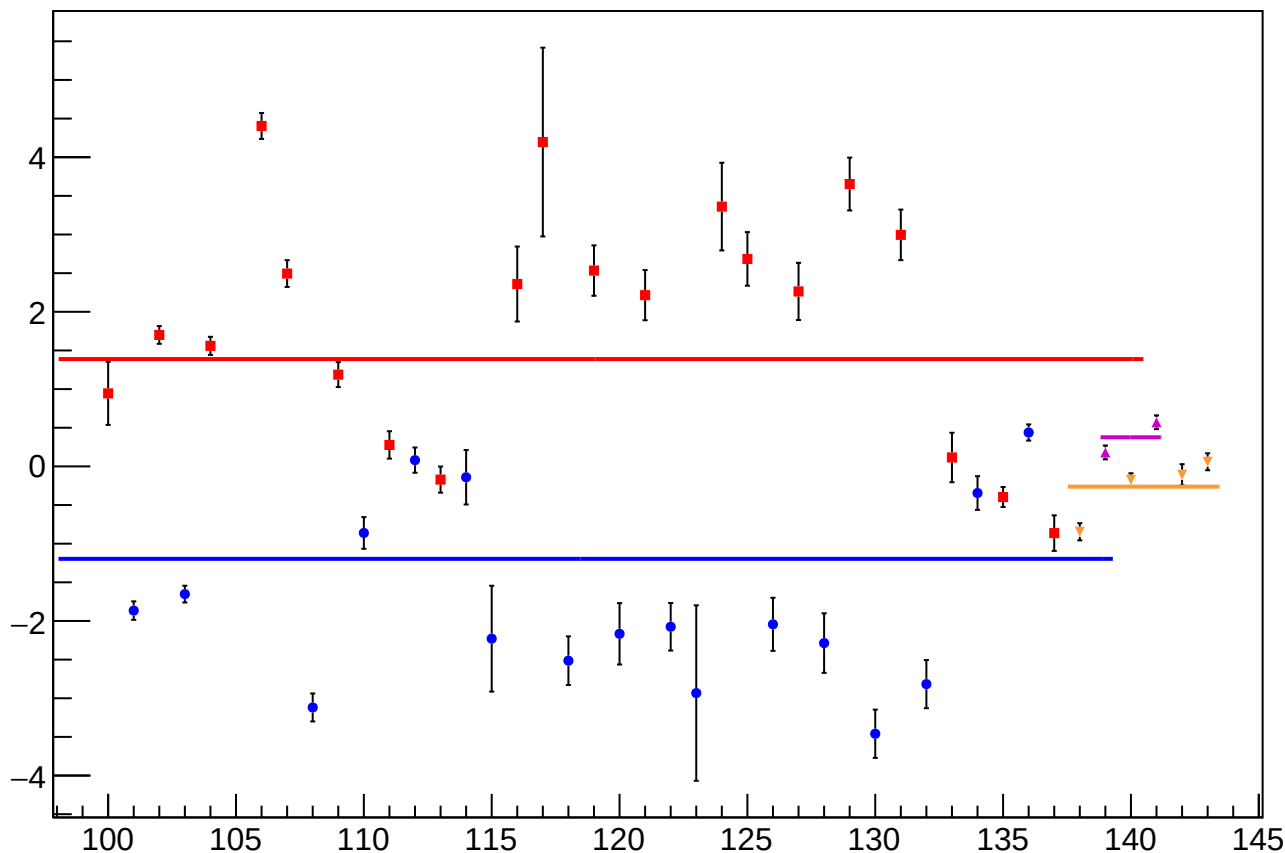
Left In: -200.373 $\pm$ 1.630 χ^2/NDF : 205.3/1

191.184 $\pm$ 0.706 χ^2/NDF : 6028.9/20

27.942 $\pm$ 0.530 χ^2/NDF : 135463.1/42

-183.437 $\pm$ 0.803 χ^2/NDF : 6682.2/21

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.196 ± 0.048 $\chi^2/\text{NDF}: 623.1/16$

Left Out: -0.262 ± 0.053 $\chi^2/\text{NDF}: 38.5/3$

Right Out: 1.389 ± 0.046 $\chi^2/\text{NDF}: 929.7/19$

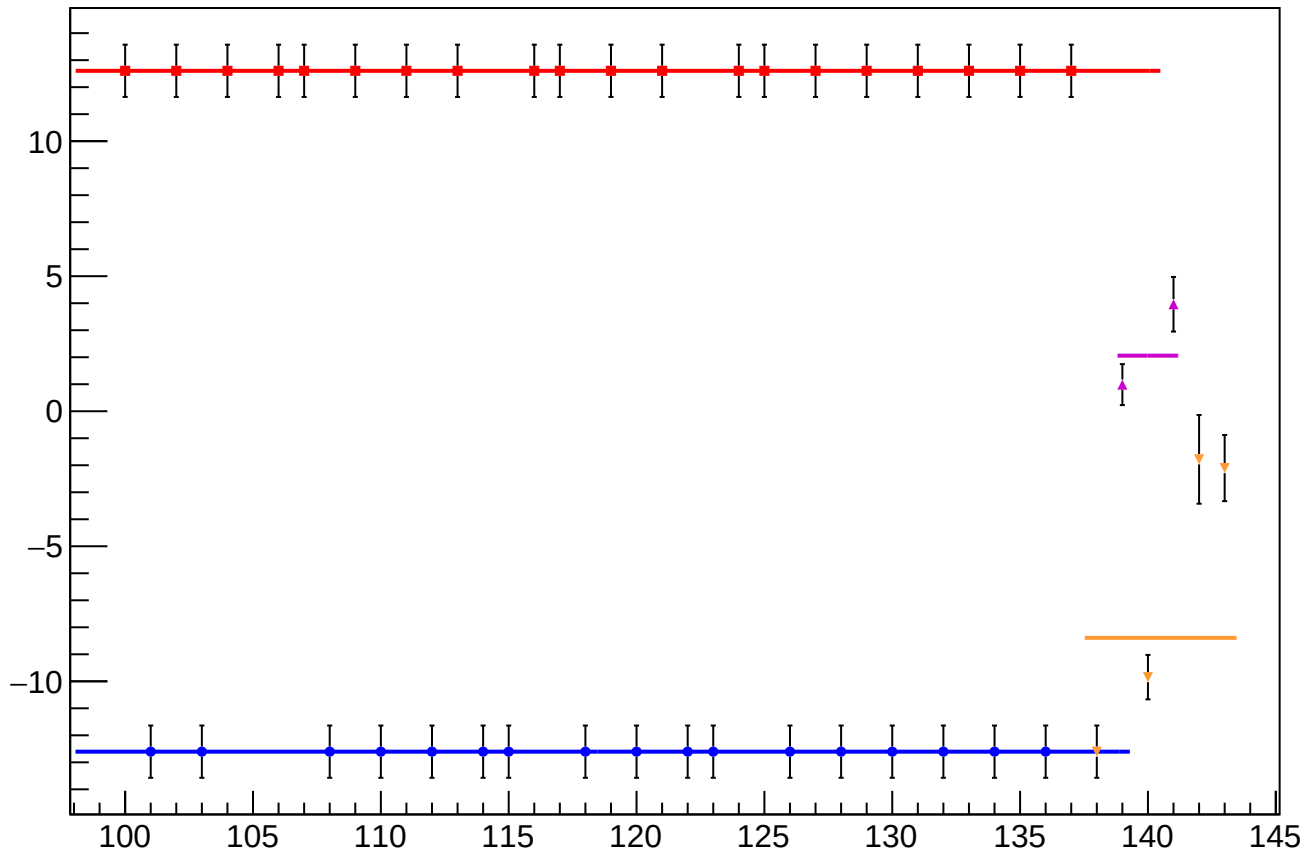
Left In: 0.377 ± 0.063 $\chi^2/\text{NDF}: 9.6/1$

-0.774 ± 0.036 $\chi^2/\text{NDF}: 832.2/20$

0.097 ± 0.026 $\chi^2/\text{NDF}: 3187.5/42$

1.040 ± 0.037 $\chi^2/\text{NDF}: 1107.9/21$

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -12.605 $\pm$ 0.235 χ^2 /NDF: 0.0/16

Left Out: -8.391 $\pm$ 0.528 χ^2 /NDF: 64.7/3

Right Out: 12.605 $\pm$ 0.216 χ^2 /NDF: 0.0/19

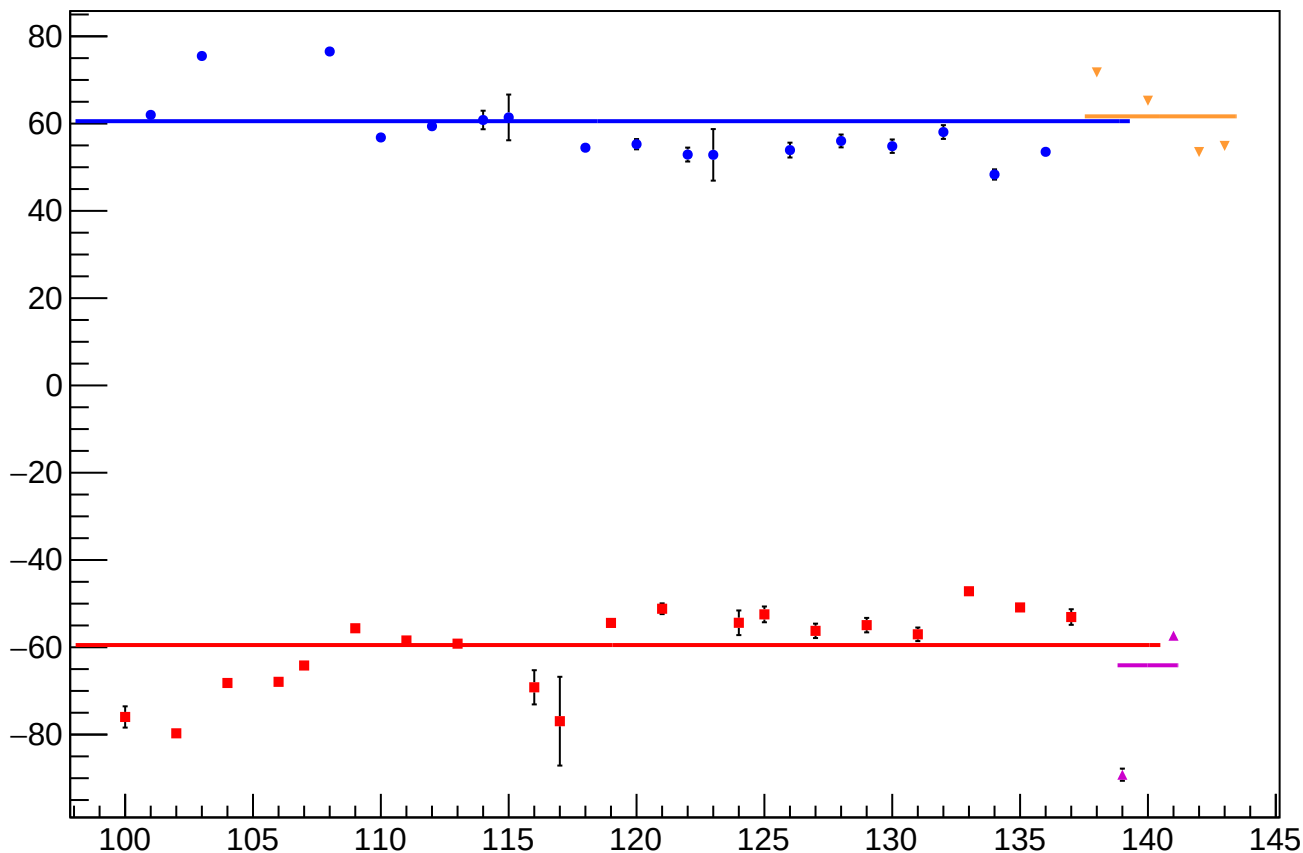
Left In: 2.058 $\pm$ 0.607 χ^2 /NDF: 5.5/1

-11.910 $\pm$ 0.214 χ^2 /NDF: 117.8/20

0.347 $\pm$ 0.148 χ^2 /NDF: 6606.1/42

11.416 $\pm$ 0.204 χ^2 /NDF: 273.5/21

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

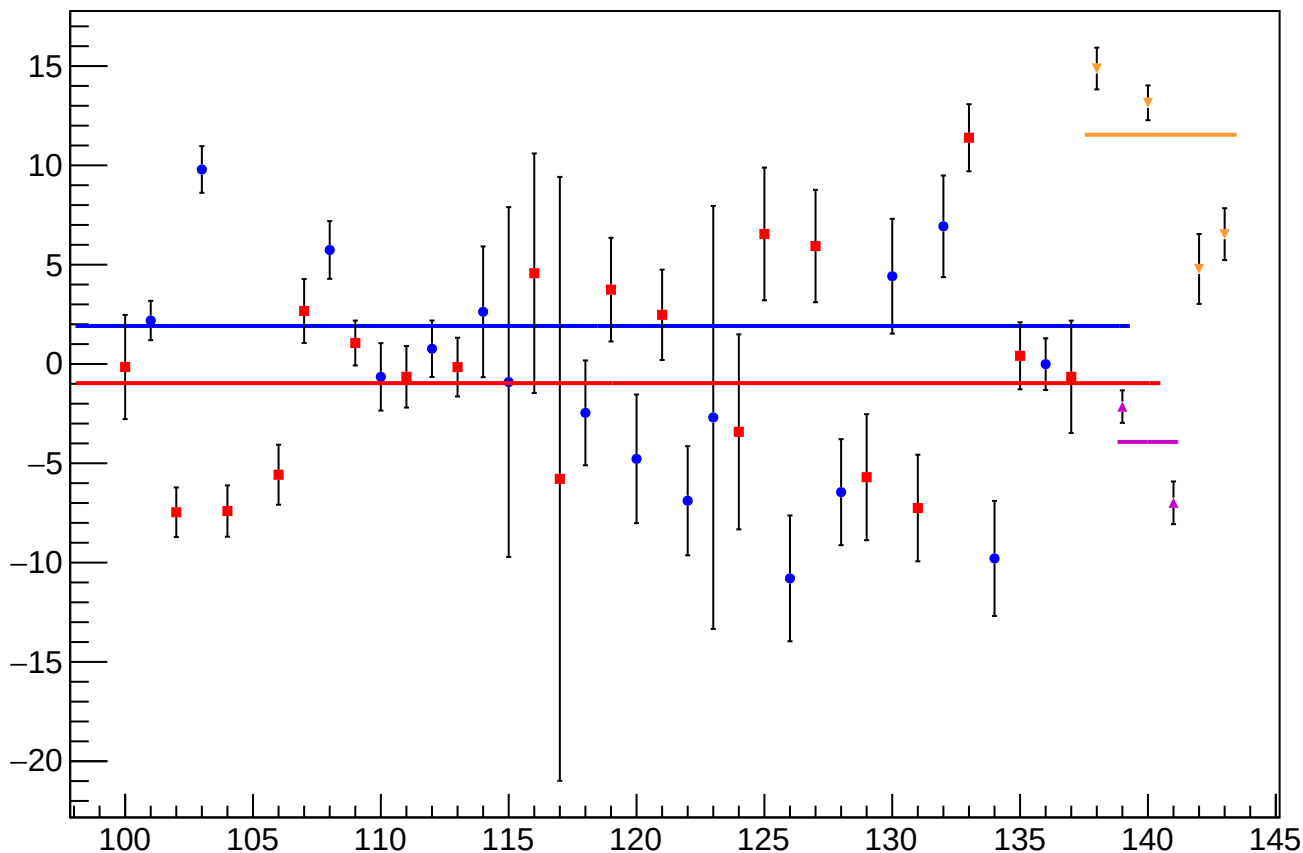
Left In: -64.125+/-0.644 χ^2/NDF : 409.8/1

60.850+/-0.224 χ^2/NDF : 1181.2/20

2.377+/-0.161 χ^2/NDF : 144155.4/42

-60.086+/-0.231 χ^2/NDF : 1774.9/21

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

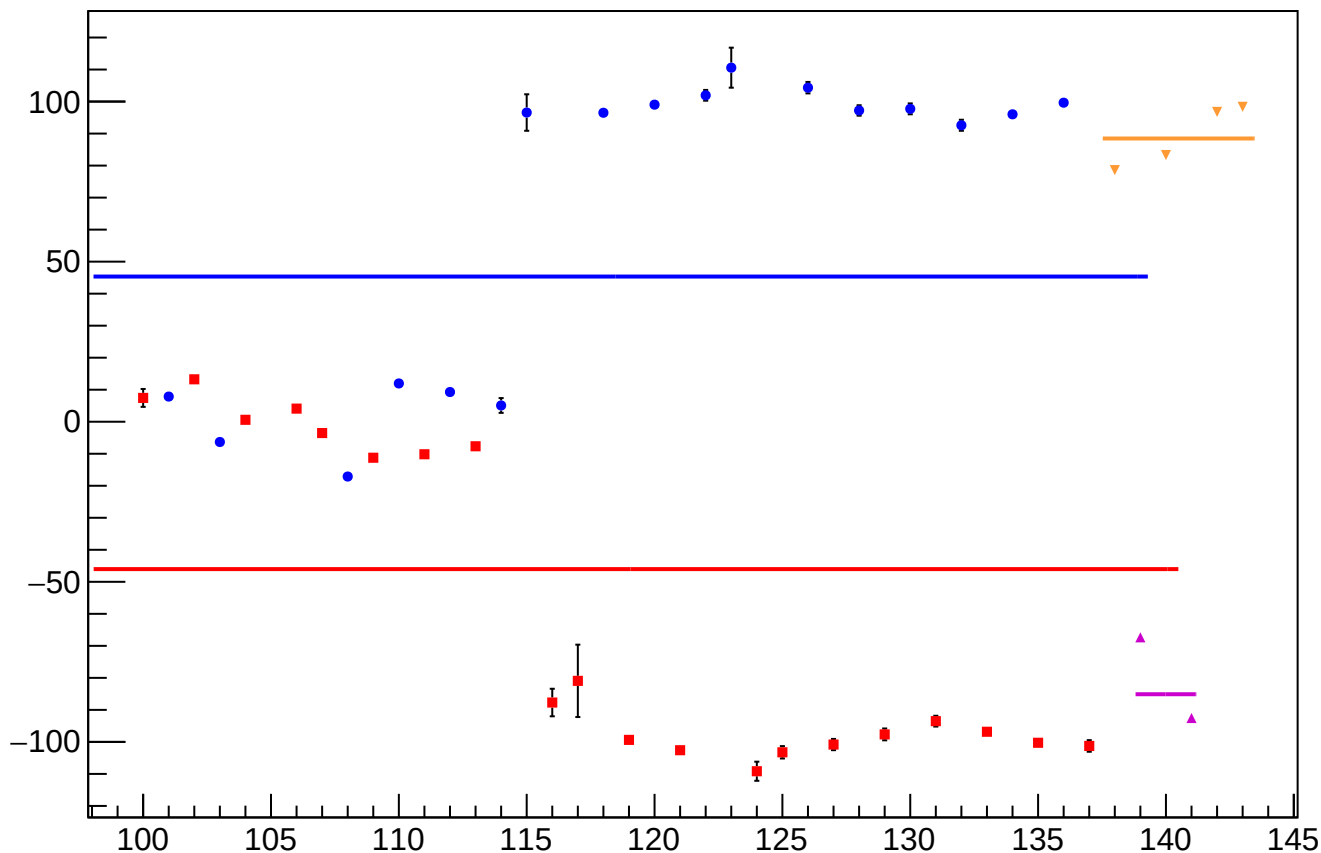
Left In: -3.924 ± 0.651 χ^2/NDF : 12.8/1

5.718 ± 0.356 χ^2/NDF : 339.3/20

1.930 ± 0.252 χ^2/NDF : 742.2/42

-1.845 ± 0.355 χ^2/NDF : 176.9/21

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

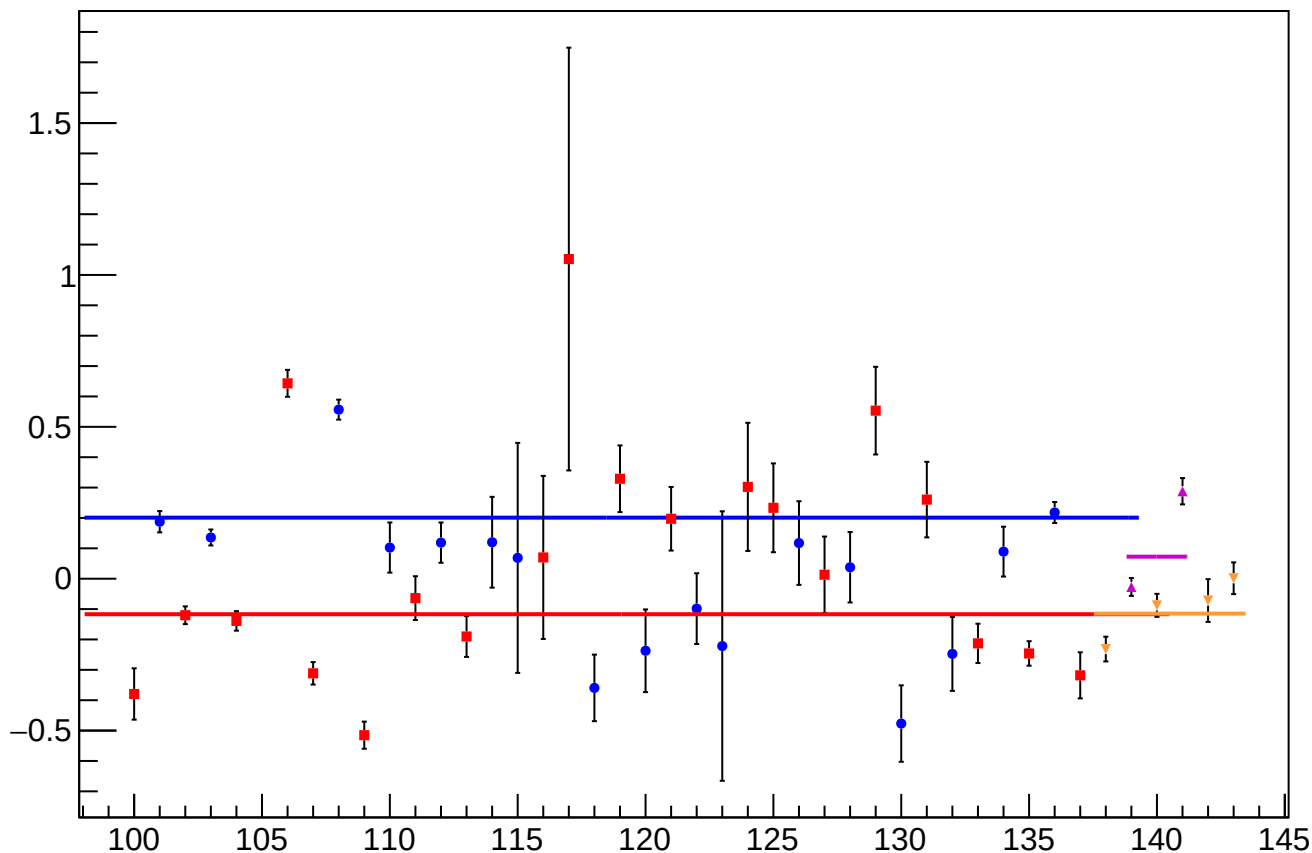
Left In: -85.111+/-0.731 χ^2/NDF : 247.0/1

56.504+/-0.261 χ^2/NDF : 30553.0/20

4.219+/-0.187 χ^2/NDF : 144224.3/42

-51.323+/-0.269 χ^2/NDF : 30946.9/21

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

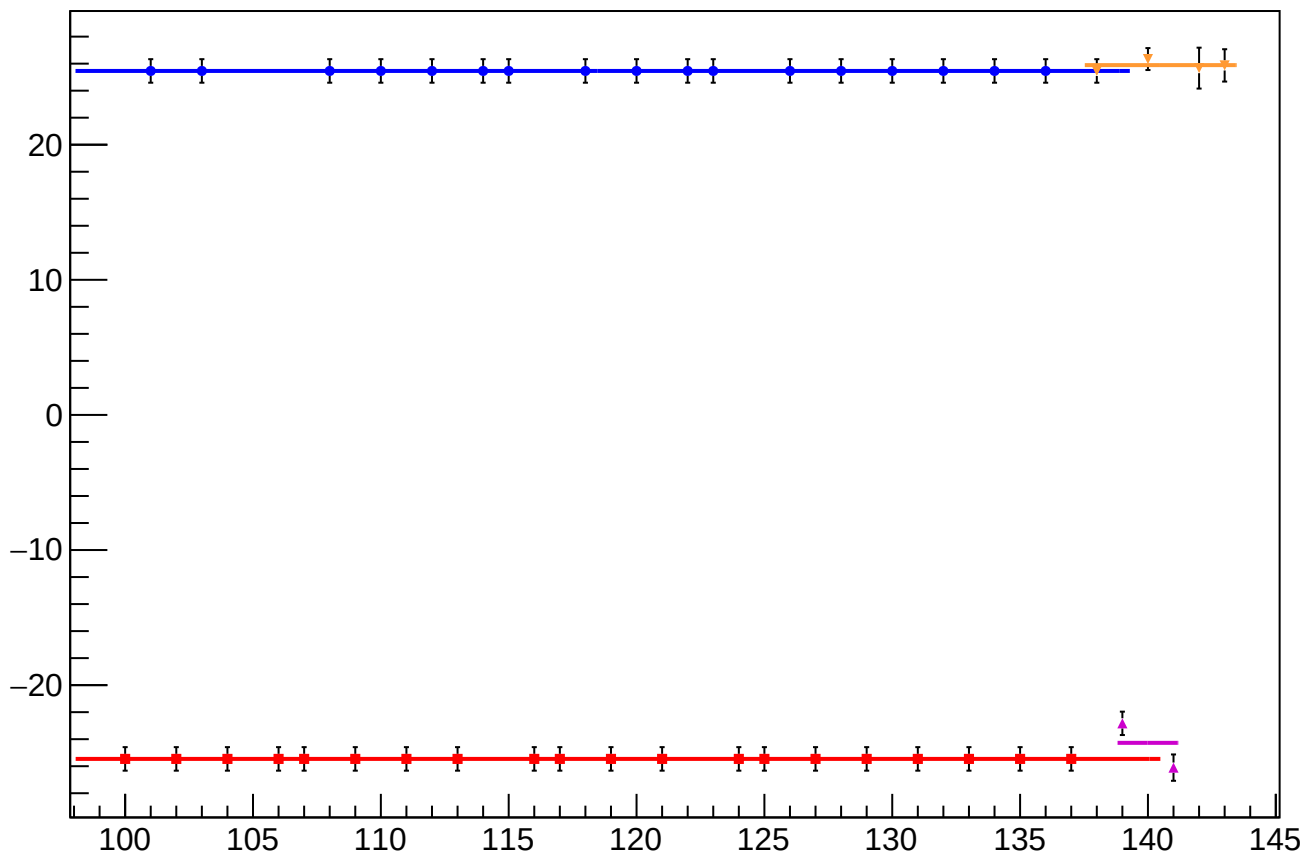
Left In: 0.073 ± 0.024 χ^2/NDF : 36.3/1

0.116 ± 0.012 χ^2/NDF : 368.2/20

0.016 ± 0.008 χ^2/NDF : 1086.5/42

-0.075 ± 0.011 χ^2/NDF : 586.3/21

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 25.460 ± 0.211 χ^2/NDF : 0.0/16

Left Out: 25.891 ± 0.502 χ^2/NDF : 0.6/3

Right Out: -25.460 ± 0.195 χ^2/NDF : 0.0/19

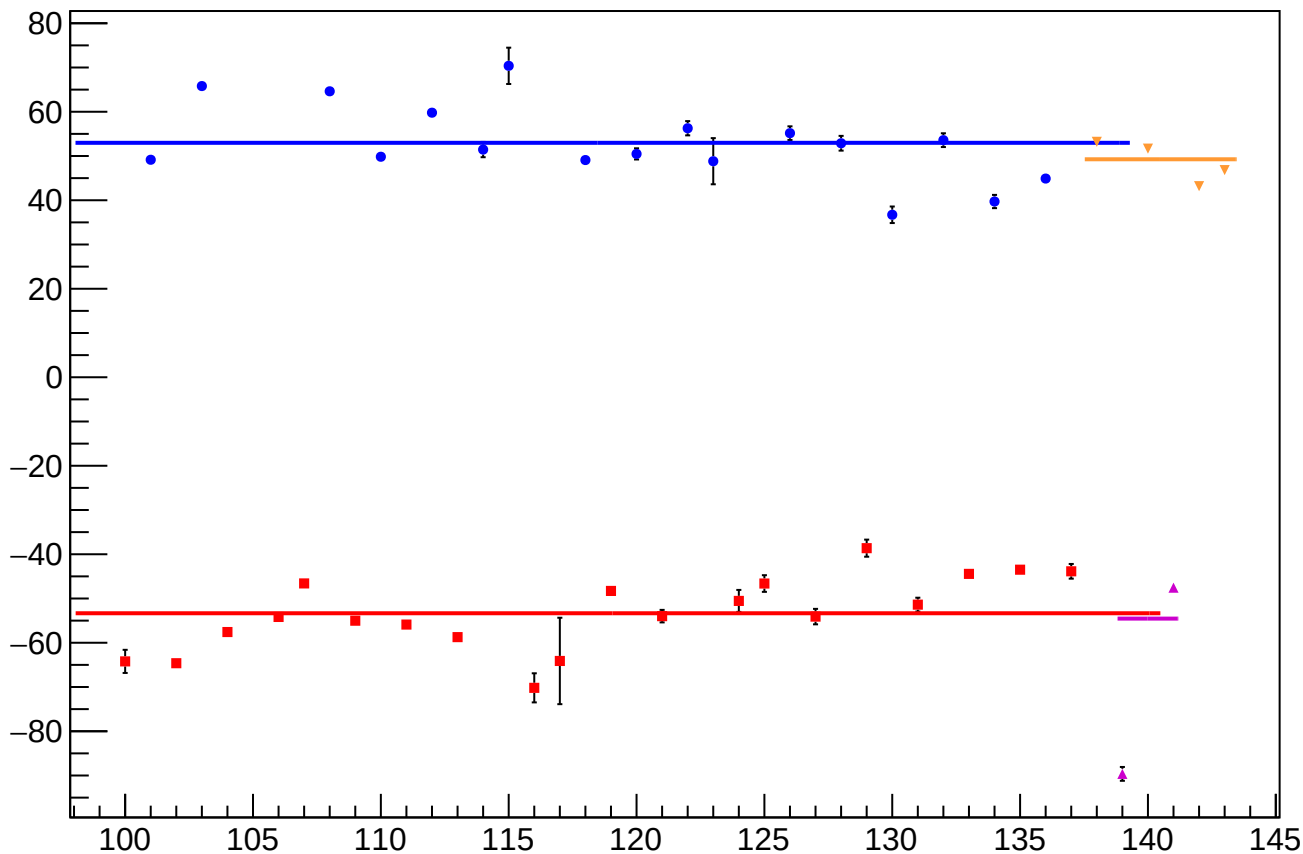
Left In: -24.271 ± 0.647 χ^2/NDF : 6.3/1

25.525 ± 0.195 χ^2/NDF : 1.2/20

-1.014 ± 0.135 χ^2/NDF : 35614.8/42

-25.361 ± 0.187 χ^2/NDF : 9.4/21

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

Left Out: 49.260 $\pm$ 0.408 χ^2 /NDF:81.0/3

Right Out: -53.333 $\pm$ 0.227 χ^2 /NDF: 873.9/19

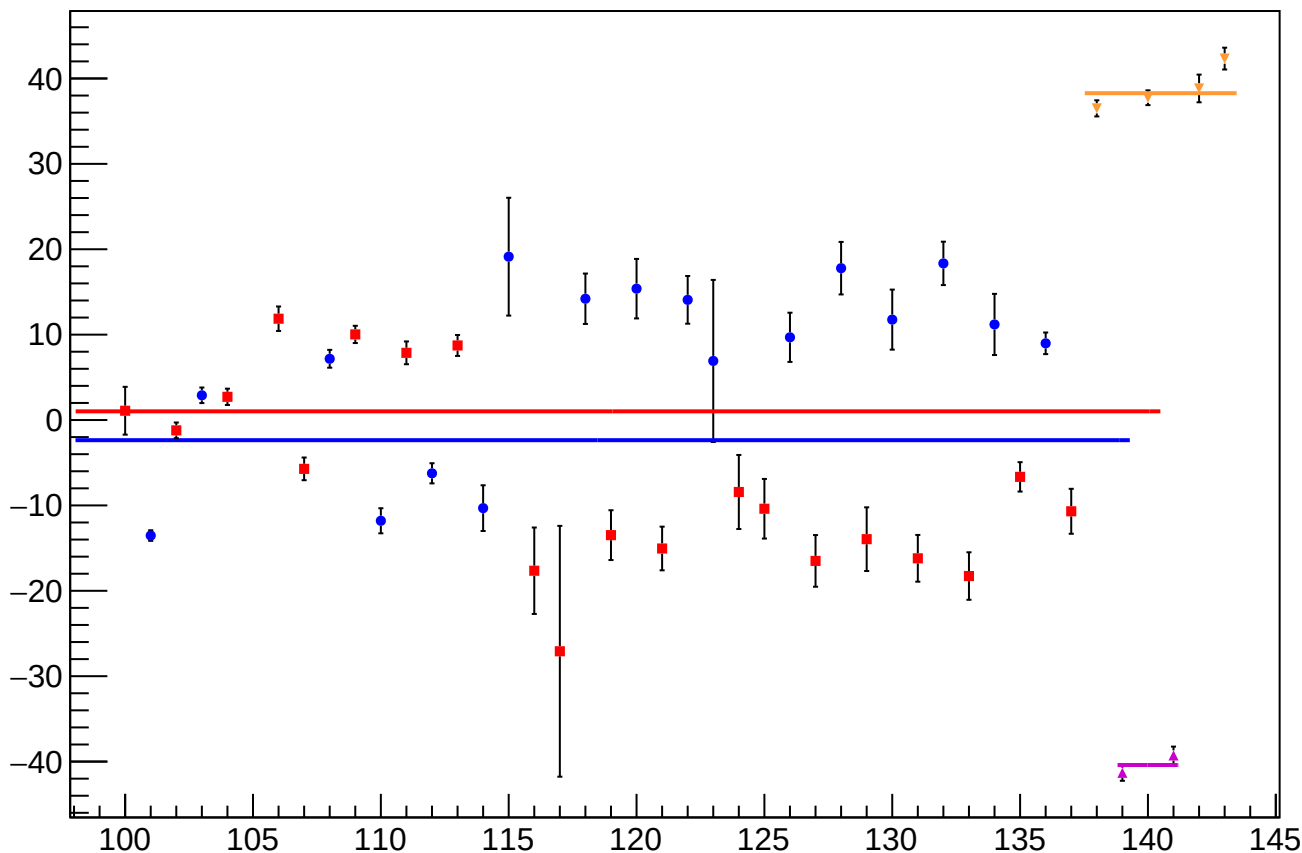
Left In: -54.543 $\pm$ 0.637 χ^2 /NDF:604.3/1

52.202 $\pm$ 0.187 χ^2 /NDF: 1344.4/20

6.372 $\pm$ 0.141 χ^2 /NDF: 141530.4/42

-53.469 $\pm$ 0.214 χ^2 /NDF: 1481.4/21

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

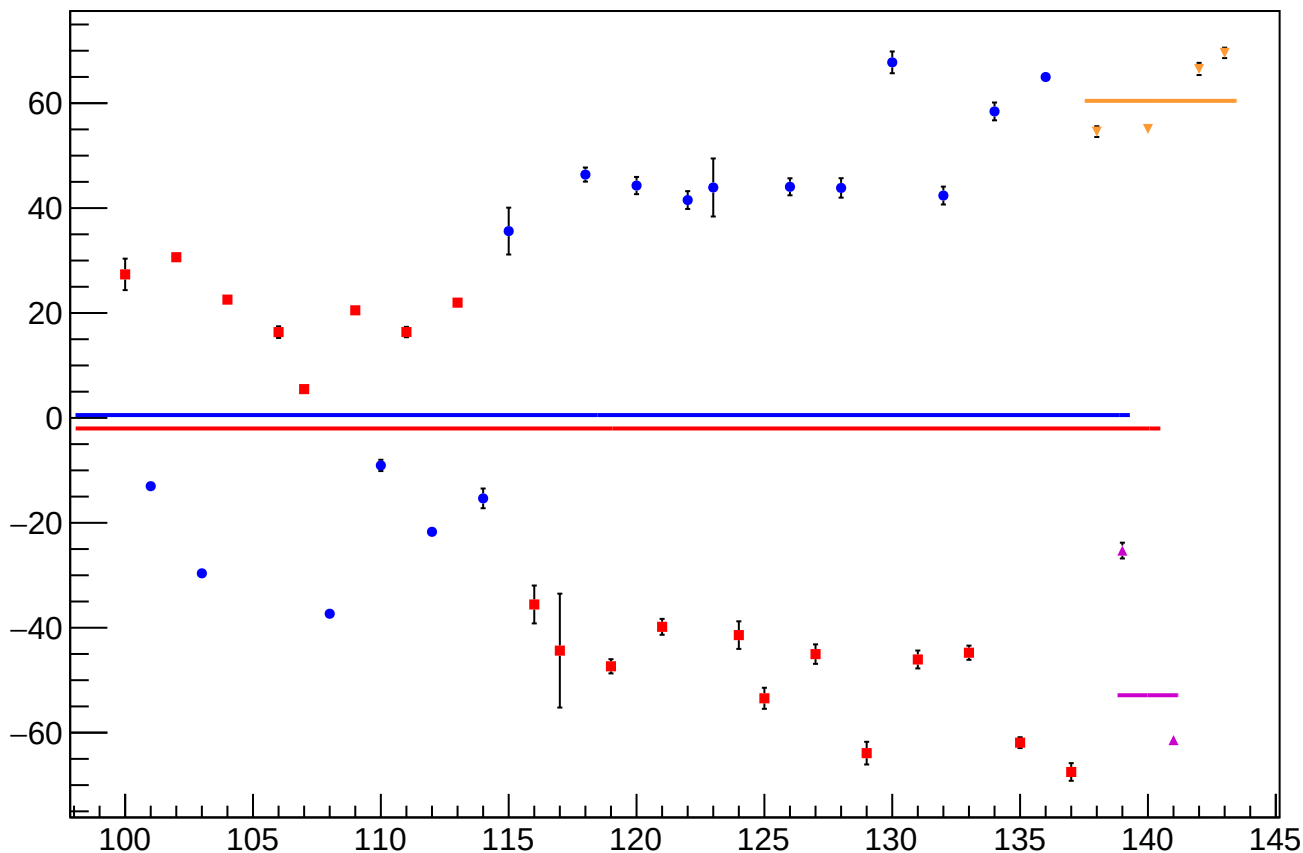
Left In: -40.402 ± 0.695 χ^2/NDF : 2.1/1

10.378 ± 0.301 χ^2/NDF : 4765.7/20

1.873 ± 0.223 χ^2/NDF : 9782.1/42

-8.395 ± 0.331 χ^2/NDF : 3259.4/21

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.247 χ^2/NDF : 18423.8/16

Left Out: 60.445+/-0.485 χ^2/NDF :189.3/3

Right Out: -2.015+/-0.266 χ^2/NDF : 15491.9/19

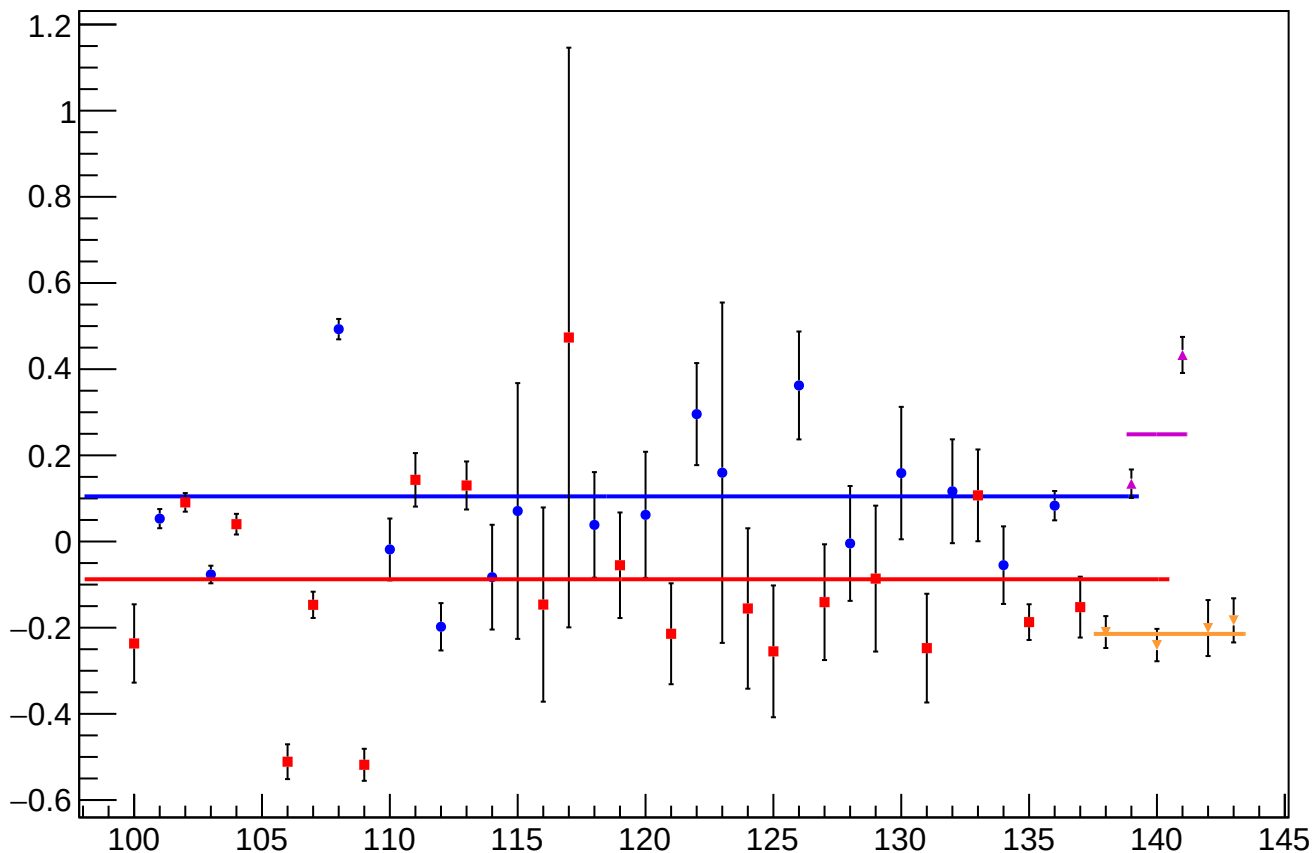
Left In: -52.869+/-0.732 χ^2/NDF :439.8/1

12.839+/-0.220 χ^2/NDF : 30716.9/20

3.782+/-0.165 χ^2/NDF : 54800.3/42

-7.958+/-0.250 χ^2/NDF : 20189.0/21

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected

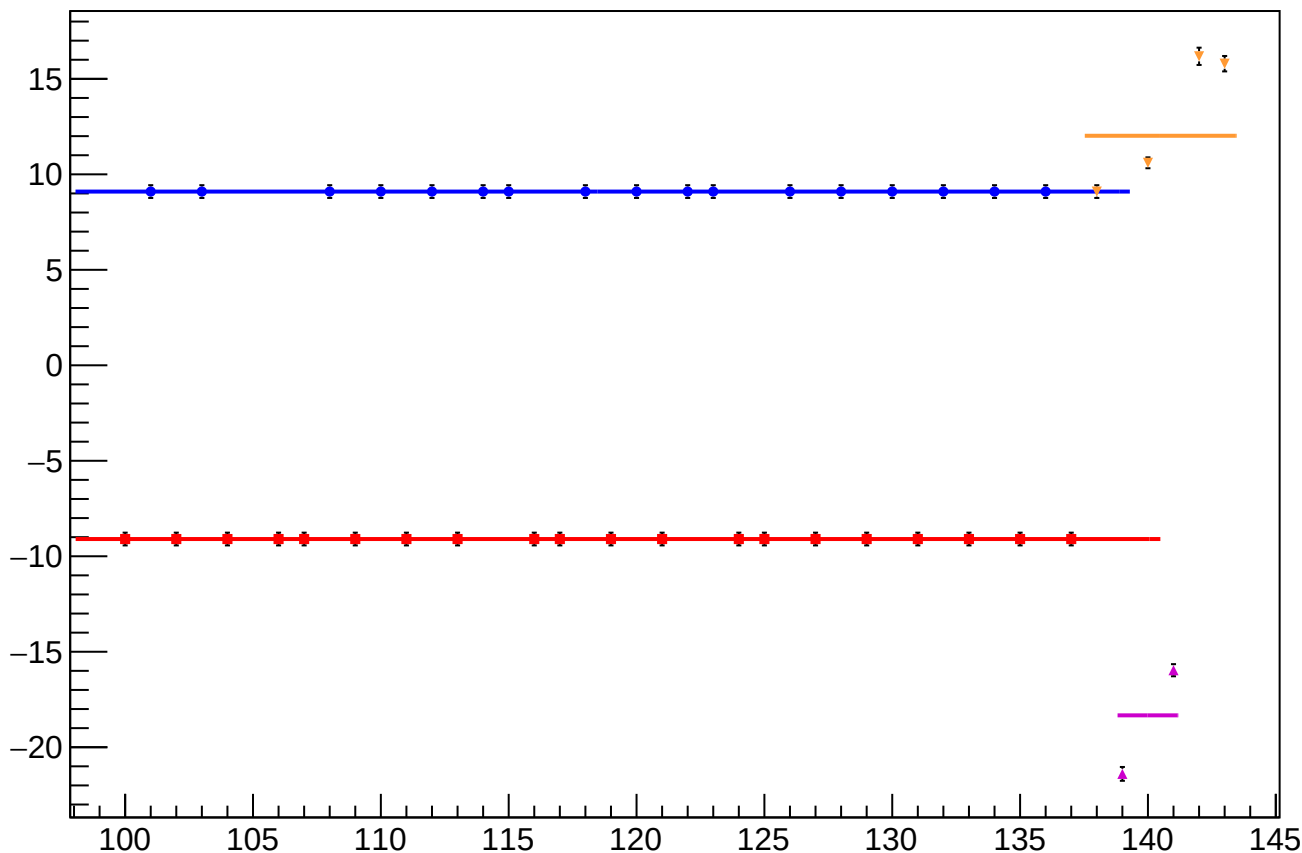


0.041 ± 0.010 $\chi^2/\text{NDF}: 569.2/20$

0.003 ± 0.007 $\chi^2/\text{NDF}: 1164.8/42$

-0.036 ± 0.010 $\chi^2/\text{NDF}: 565.9/21$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.097 ± 0.081 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 12.020 ± 0.176 $\chi^2/\text{NDF}: 272.8/3$

Right Out: -9.097 ± 0.075 $\chi^2/\text{NDF}: 0.0/19$

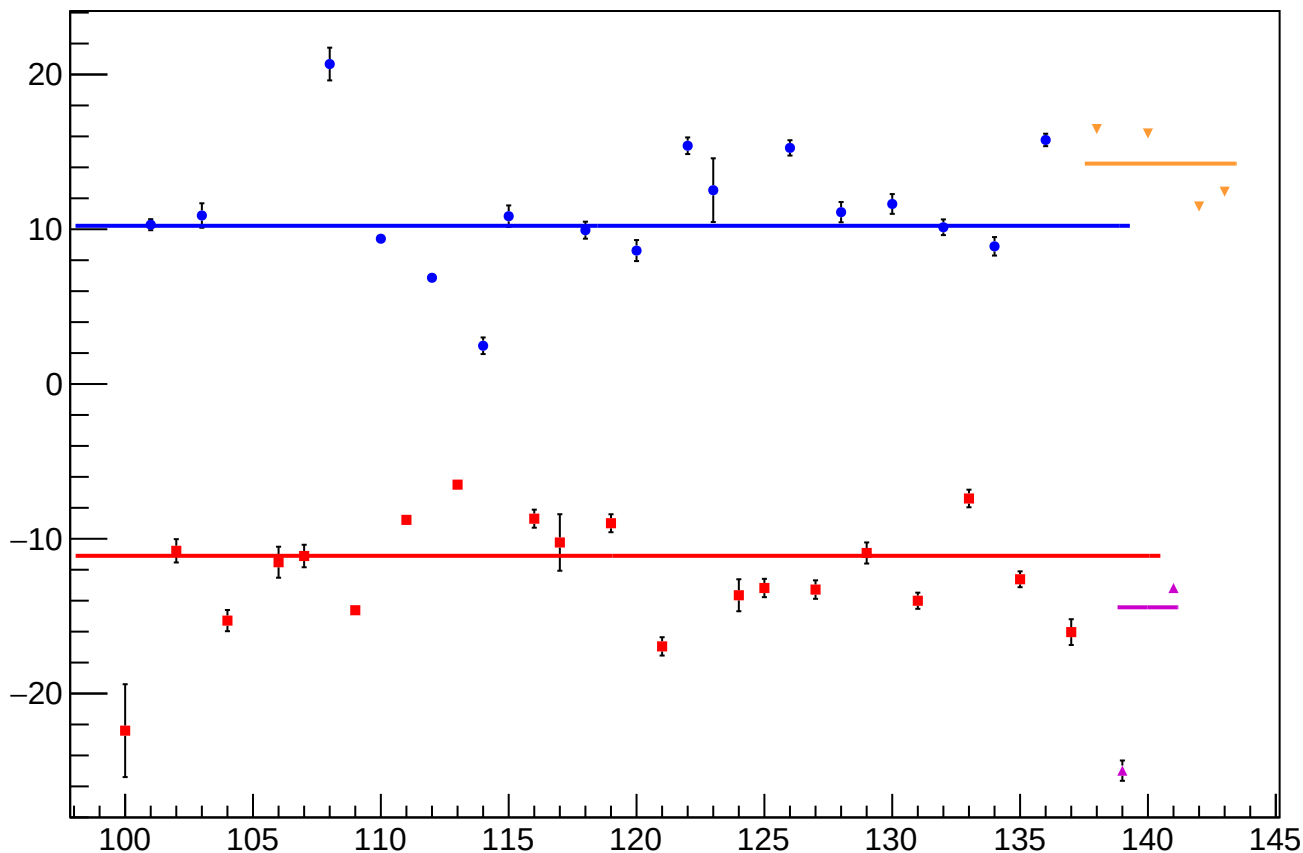
Left In: -18.331 ± 0.239 $\chi^2/\text{NDF}: 126.9/1$

9.609 ± 0.074 $\chi^2/\text{NDF}: 499.9/20$

-0.467 ± 0.051 $\chi^2/\text{NDF}: 38198.2/42$

-9.923 ± 0.071 $\chi^2/\text{NDF}: 1487.2/21$

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 $\pm$ 0.119 χ^2/NDF : 877.6/16

Left Out: 14.242 $\pm$ 0.136 χ^2/NDF : 256.7/3

Right Out: -11.101 $\pm$ 0.116 χ^2/NDF : 817.4/19

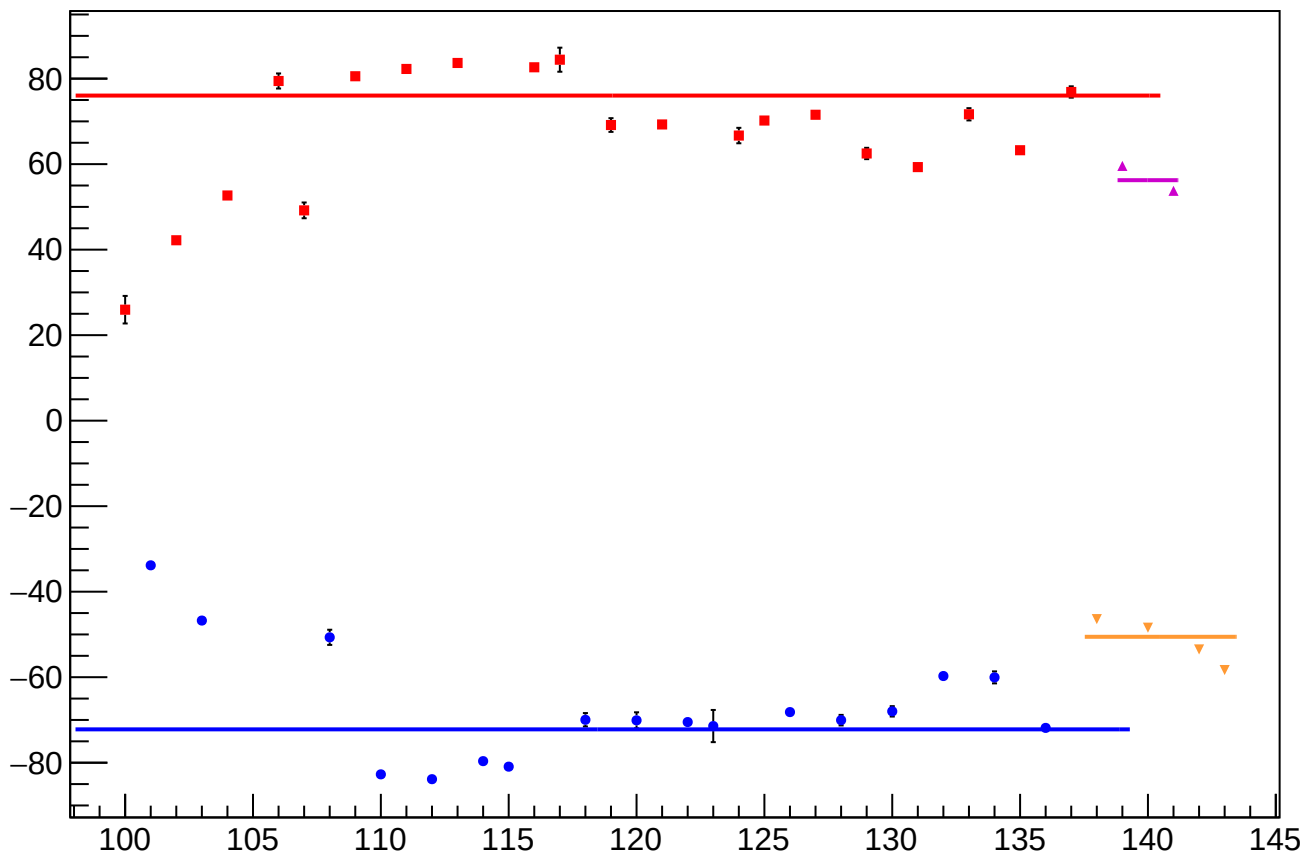
Left In: -14.428 $\pm$ 0.213 χ^2/NDF : 289.5/1

11.959 $\pm$ 0.090 χ^2/NDF : 1627.3/20

1.577 $\pm$ 0.067 χ^2/NDF : 33702.9/42

-11.863 $\pm$ 0.102 χ^2/NDF : 1294.9/21

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201 ± 0.198 $\chi^2/\text{NDF}: 5566.9/16$

Left Out: -50.551 ± 0.189 $\chi^2/\text{NDF}: 542.0/3$

Right Out: 76.037 ± 0.181 $\chi^2/\text{NDF}: 3474.4/19$

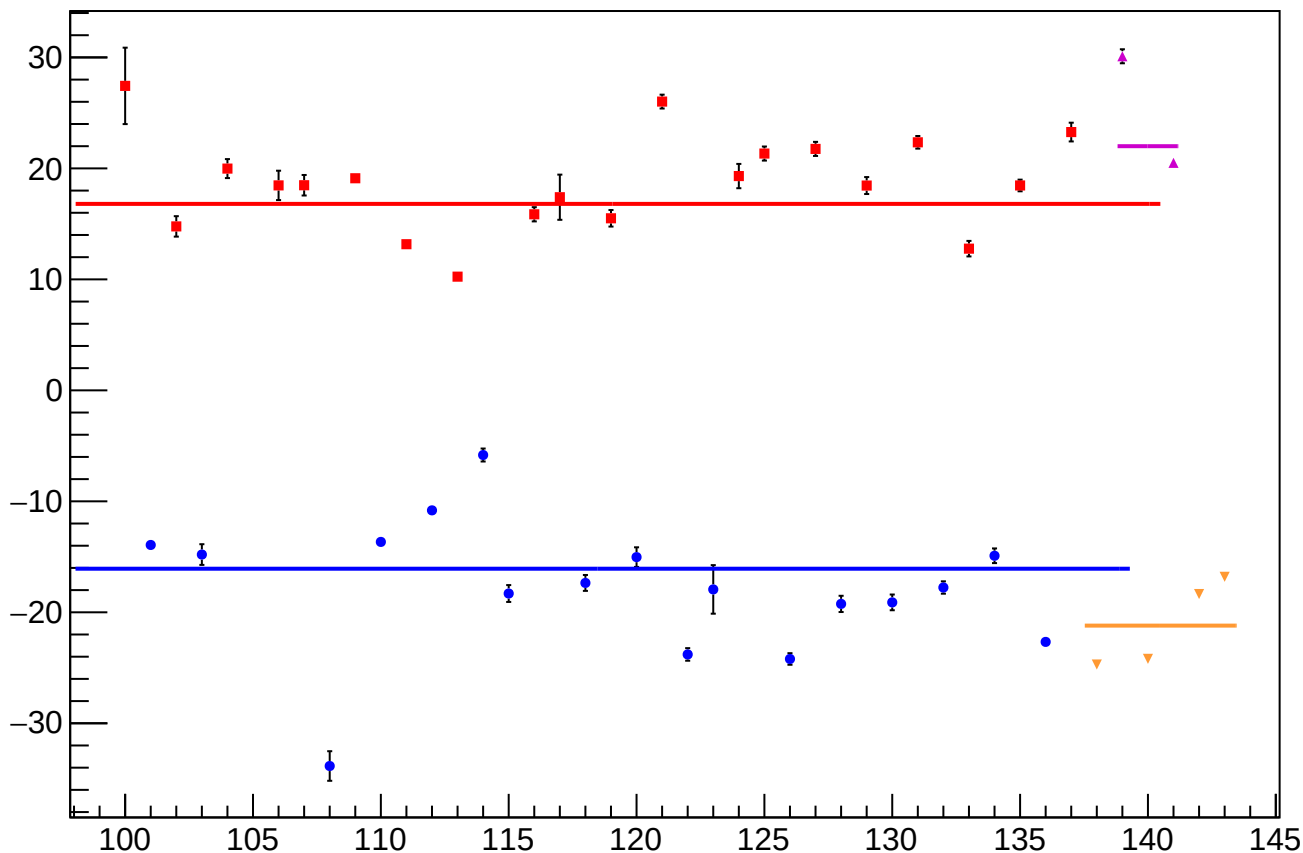
Left In: 56.247 ± 0.256 $\chi^2/\text{NDF}: 126.8/1$

-60.871 ± 0.136 $\chi^2/\text{NDF}: 12385.2/20$

-0.769 ± 0.100 $\chi^2/\text{NDF}: 440464.6/42$

69.461 ± 0.148 $\chi^2/\text{NDF}: 7593.0/21$

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 $\chi^2/\text{NDF}: 1215.8/19$

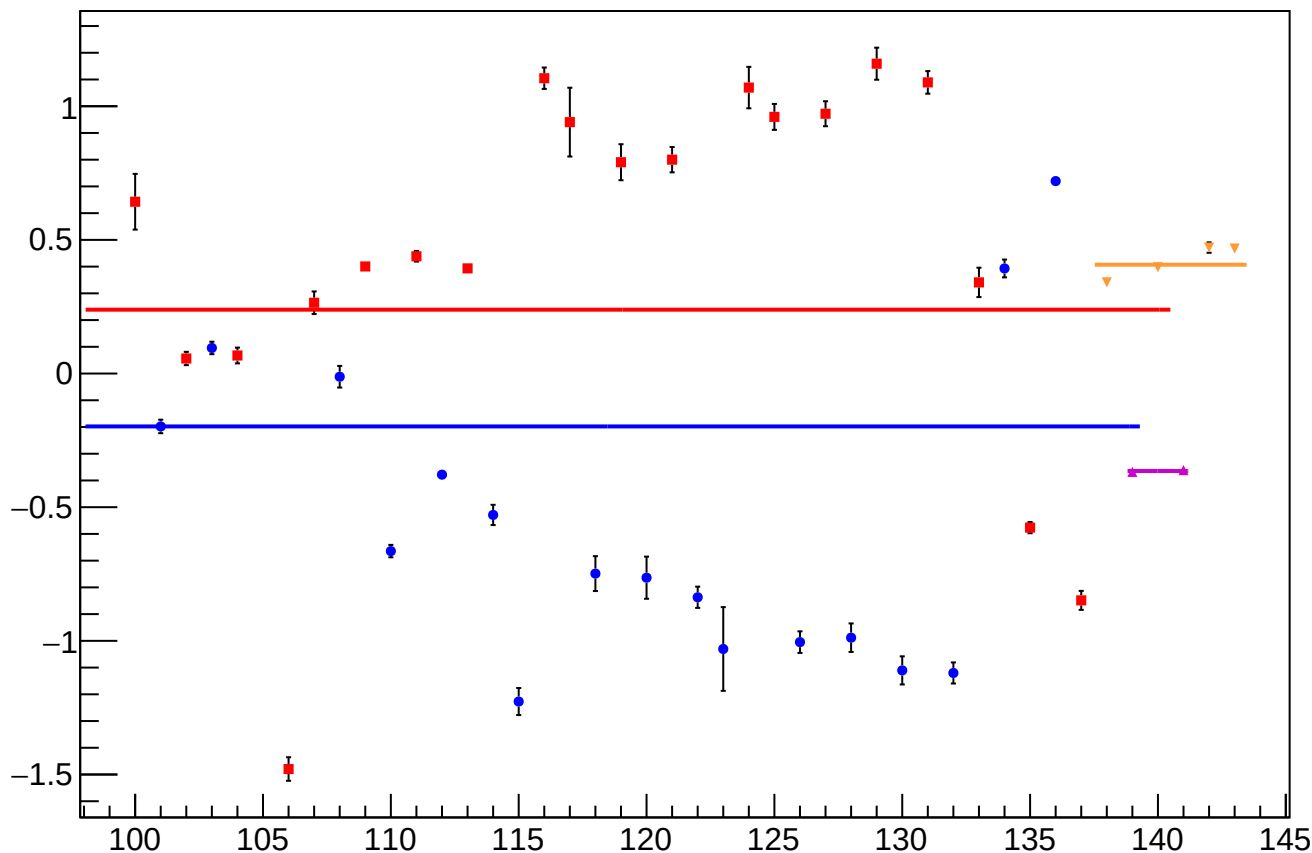
Left In: 22.000 ± 0.250 $\chi^2/\text{NDF}: 195.0/1$

-18.096 ± 0.103 $\chi^2/\text{NDF}: 2680.5/20$

-1.937 ± 0.076 $\chi^2/\text{NDF}: 59455.3/42$

17.882 ± 0.114 $\chi^2/\text{NDF}: 1754.1/21$

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

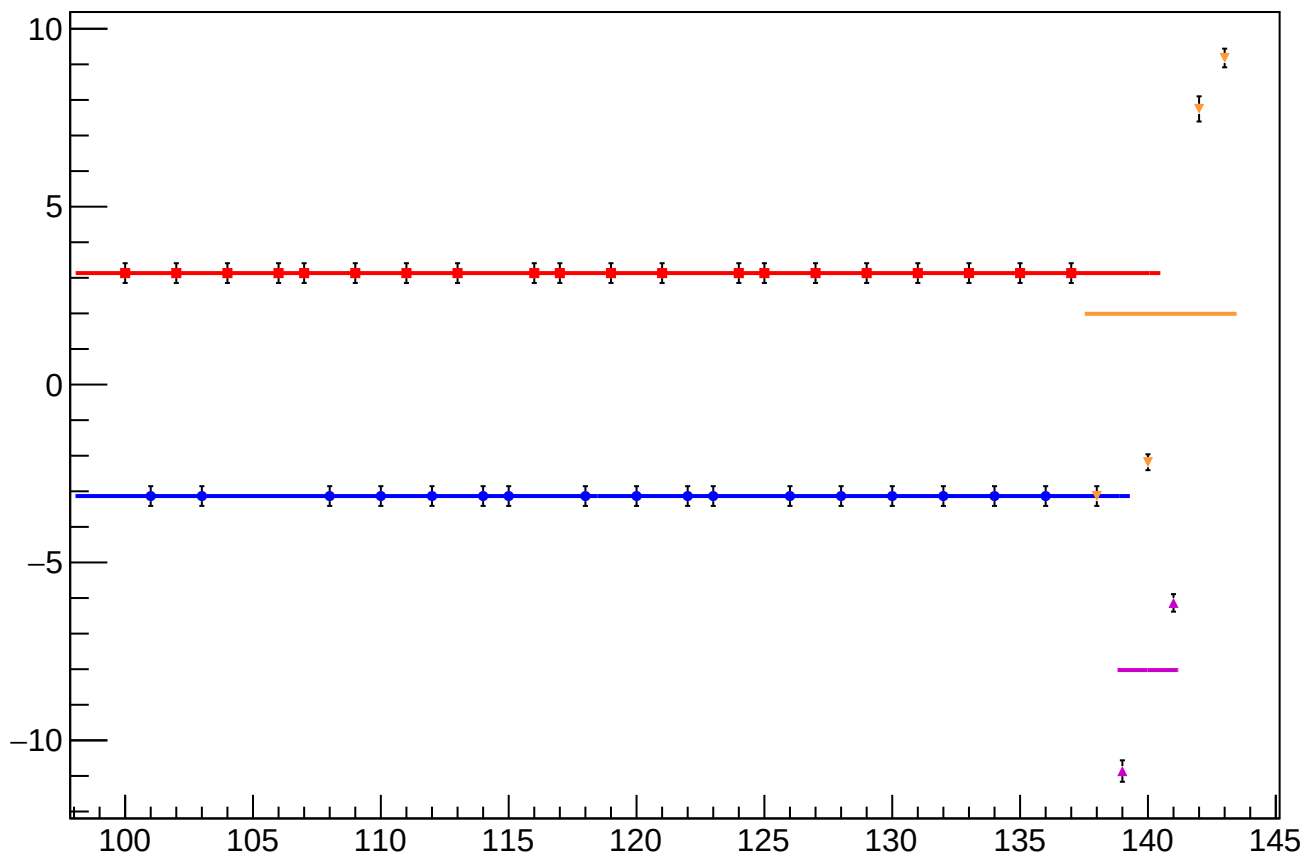
Left In: -0.365 ± 0.010 χ^2/NDF : 0.1/1

0.095 ± 0.005 χ^2/NDF : 9498.5/20

0.063 ± 0.004 χ^2/NDF : 18321.6/42

0.027 ± 0.006 χ^2/NDF : 8749.6/21

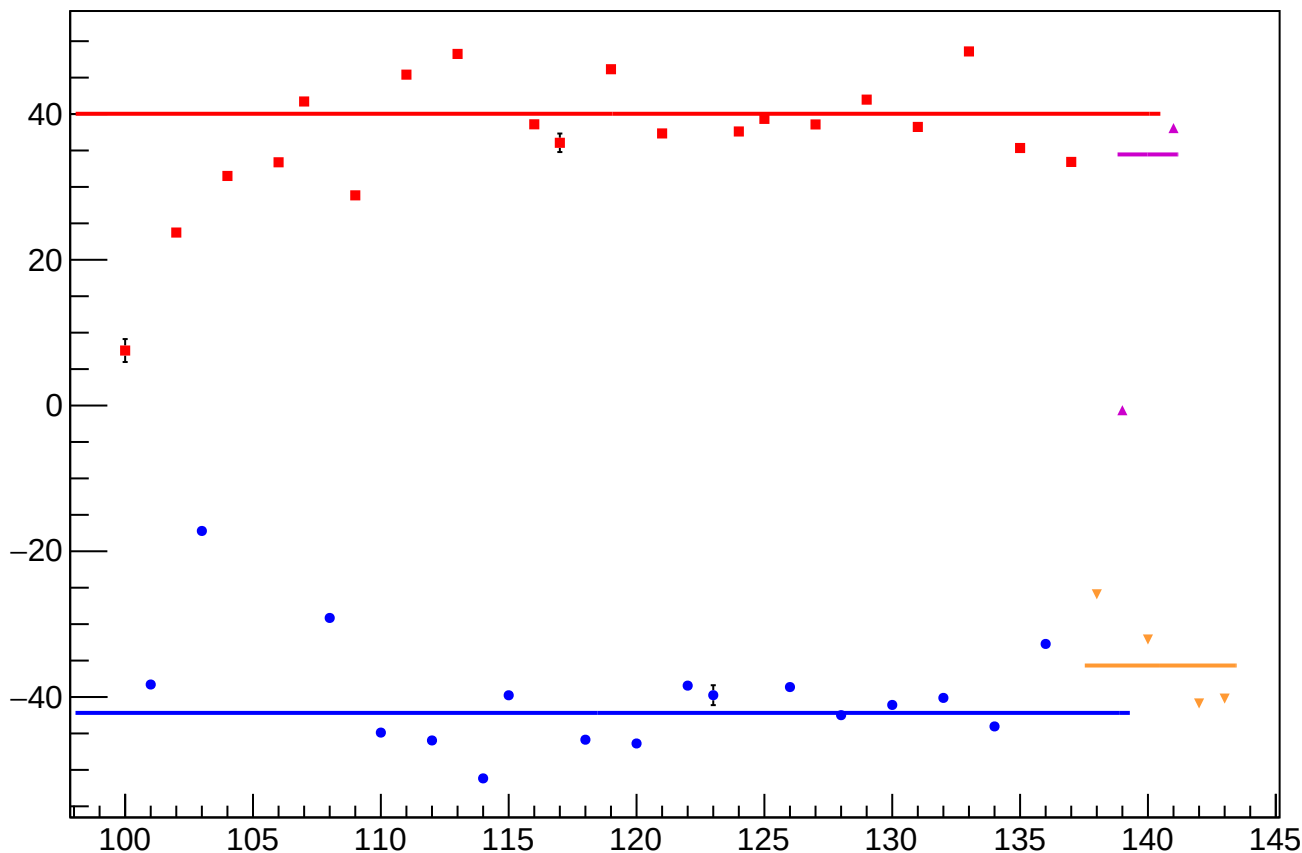
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.133 ± 0.067 χ^2/NDF : 0.0/16
 Left Out: 1.988 ± 0.134 χ^2/NDF : 1708.3/3
 Right Out: 3.133 ± 0.062 χ^2/NDF : 0.0/19
 Left In: -8.024 ± 0.191 χ^2/NDF : 147.3/1

-2.102 ± 0.060 χ^2/NDF : 2874.5/20
 0.022 ± 0.042 χ^2/NDF : 8560.9/42
 2.066 ± 0.059 χ^2/NDF : 3240.7/21

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179 $\pm$ 0.078 χ^2 /NDF: 6573.8/16

Left Out: -35.678 $\pm$ 0.103 χ^2 /NDF: 2882.1/3

Right Out: 40.039 $\pm$ 0.073 χ^2 /NDF: 11323.4/19

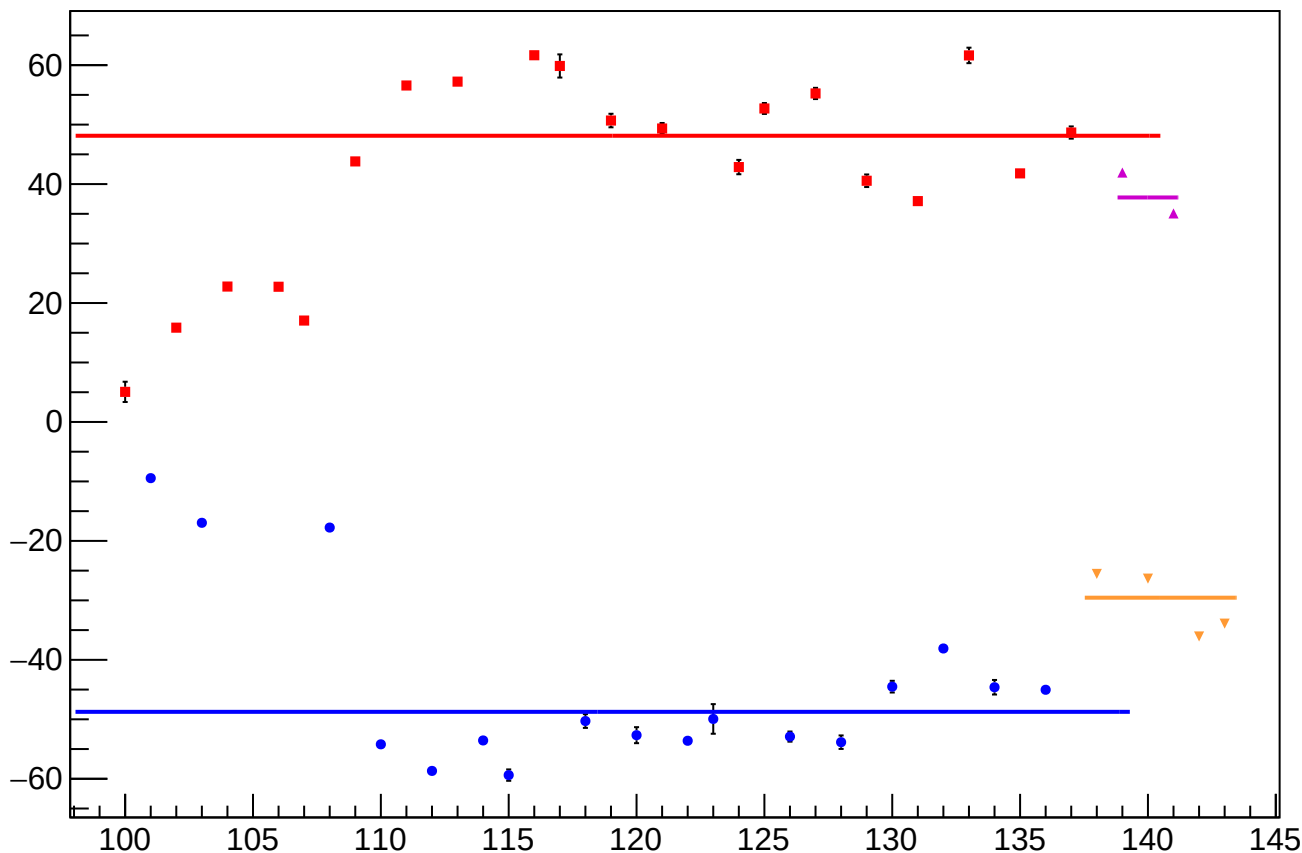
Left In: 34.458 $\pm$ 0.166 χ^2 /NDF: 4581.9/1

-39.806 $\pm$ 0.062 χ^2 /NDF: 12006.8/20

-3.169 $\pm$ 0.045 χ^2 /NDF: 782111.9/42

39.145 $\pm$ 0.067 χ^2 /NDF: 16849.8/21

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743 $\pm$ 0.124 χ^2 /NDF: 14658.5/16

Left Out: -29.549 $\pm$ 0.143 χ^2 /NDF: 898.6/3

Right Out: 48.126 $\pm$ 0.107 χ^2 /NDF: 11767.8/19

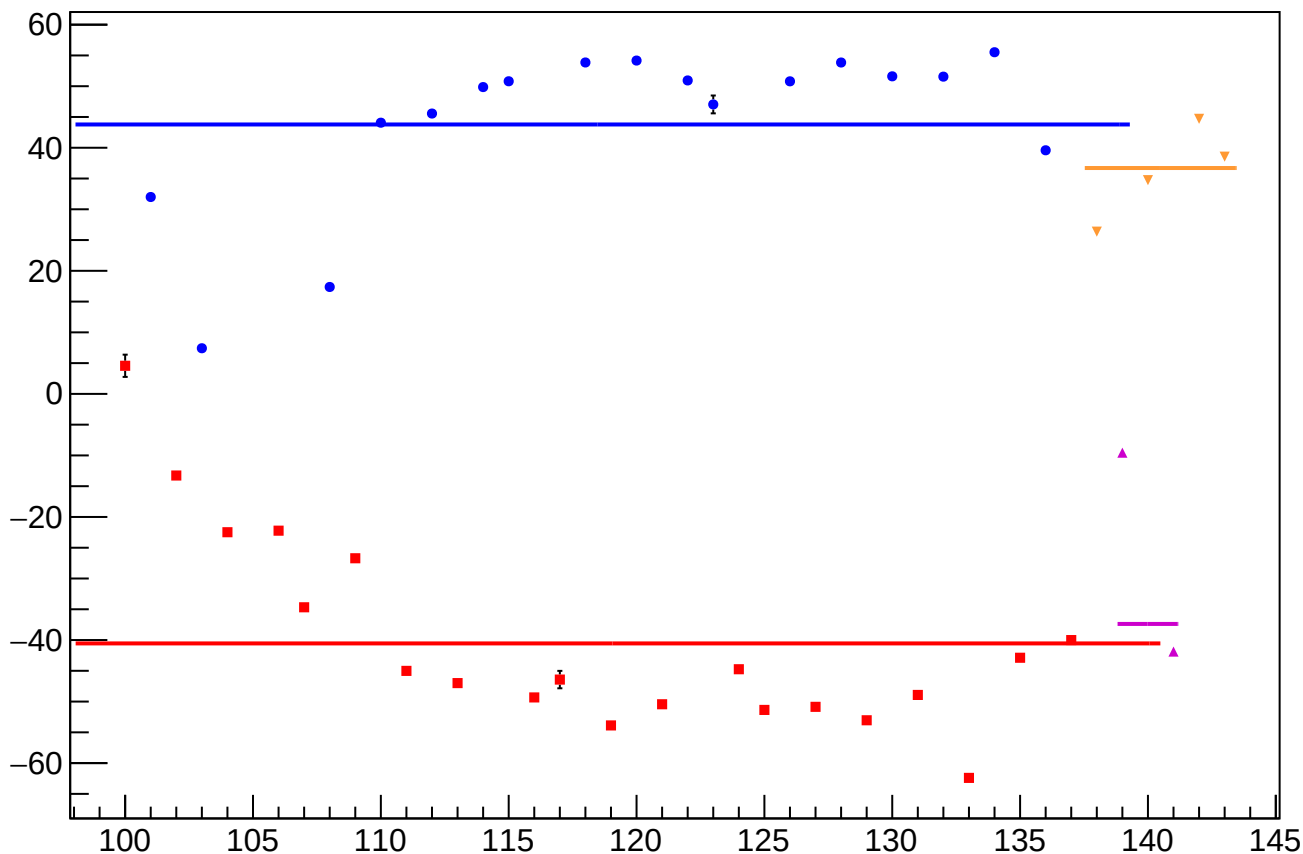
Left In: 37.749 $\pm$ 0.204 χ^2 /NDF: 269.5/1

-40.505 $\pm$ 0.094 χ^2 /NDF: 25770.4/20

2.316 $\pm$ 0.067 χ^2 /NDF: 458474.7/42

45.891 $\pm$ 0.095 χ^2 /NDF: 14061.1/21

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

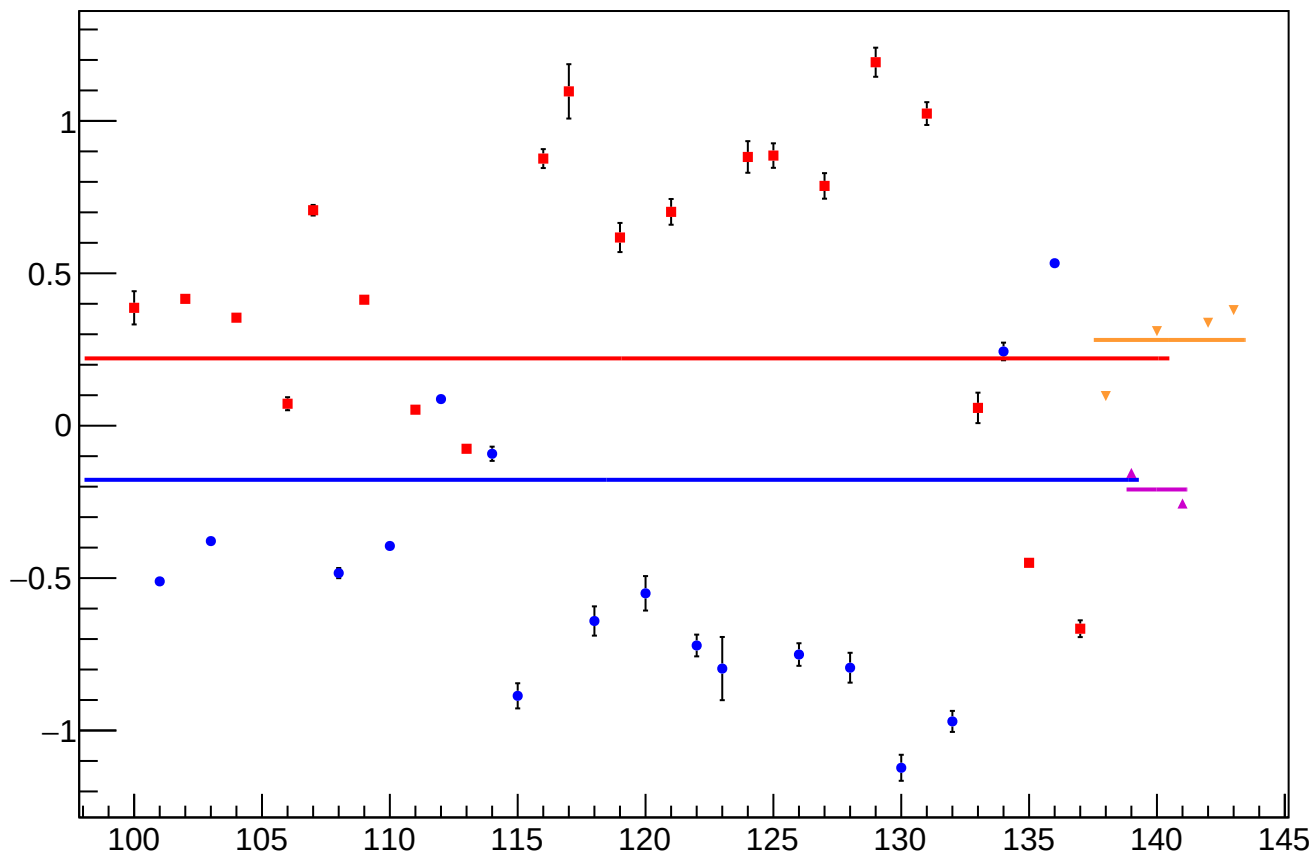
Left In: -37.384+/-0.195 χ^2/NDF : 3272.3/1

41.433+/-0.071 χ^2/NDF : 14986.6/20

2.511+/-0.051 χ^2/NDF : 669017.3/42

-40.095+/-0.074 χ^2/NDF : 21094.9/21

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 $\chi^2/\text{NDF}: 7566.8/19$

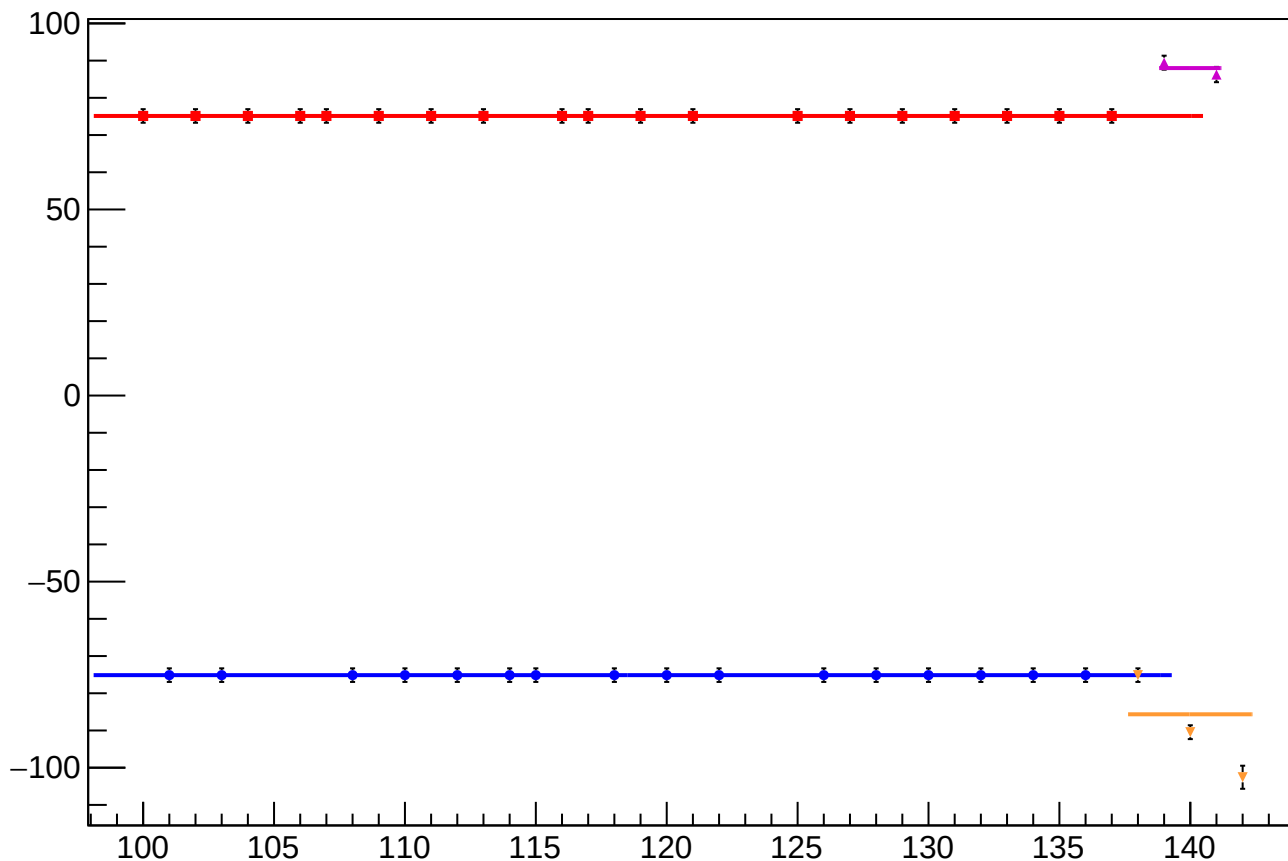
Left In: -0.209 ± 0.008 $\chi^2/\text{NDF}: 41.3/1$

0.007 ± 0.004 $\chi^2/\text{NDF}: 11324.1/20$

0.063 ± 0.003 $\chi^2/\text{NDF}: 21735.8/42$

0.120 ± 0.004 $\chi^2/\text{NDF}: 9951.3/21$

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -75.129 $\pm$ 0.457 χ^2/NDF : 0.0/15

Left Out: -85.651 $\pm$ 1.203 χ^2/NDF : 69.4/2

Right Out: 75.129 $\pm$ 0.420 χ^2/NDF : 0.0/18

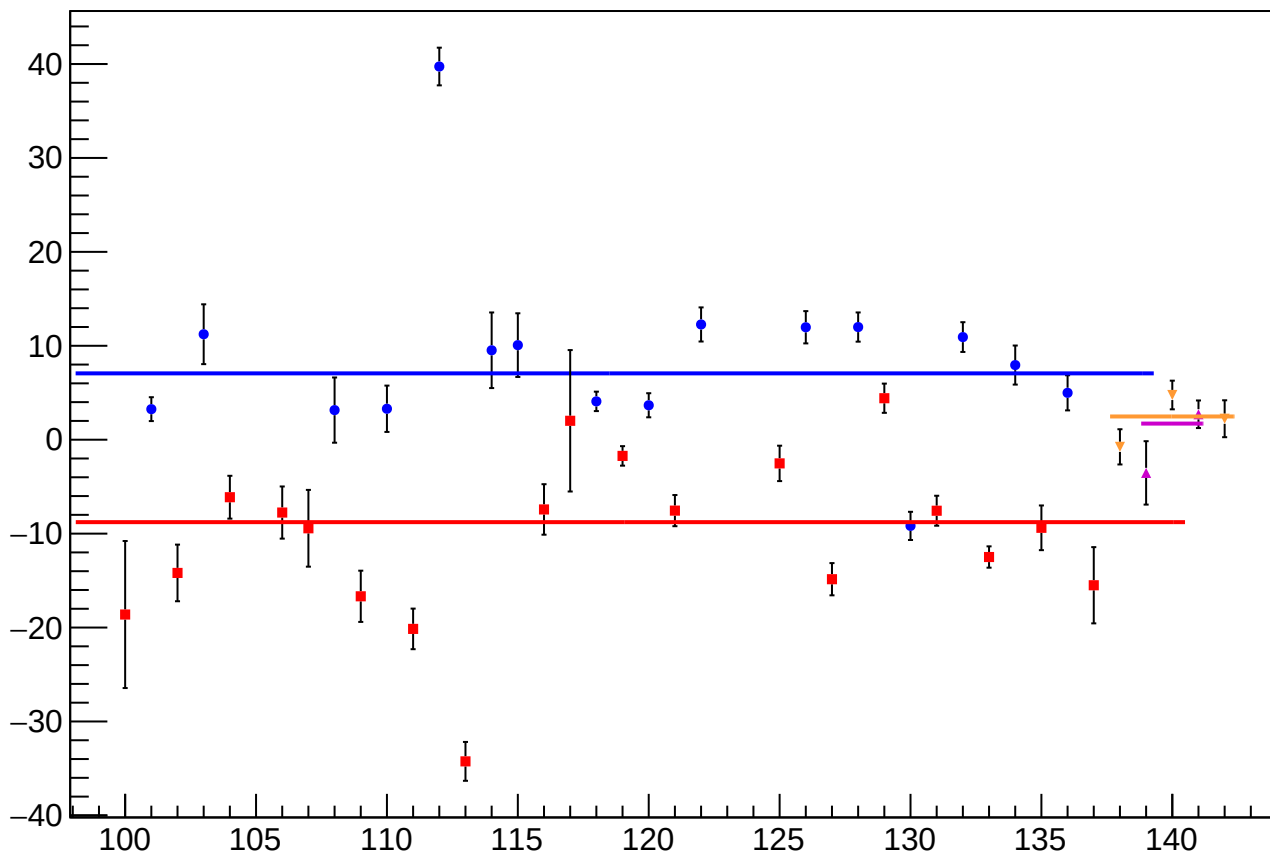
Left In: 87.995 $\pm$ 1.388 χ^2/NDF : 1.3/1

-76.458 $\pm$ 0.428 χ^2/NDF : 136.3/18

4.613 $\pm$ 0.293 χ^2/NDF : 67907.0/39

76.207 $\pm$ 0.402 χ^2/NDF : 80.0/20

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.063 ± 0.434 $\chi^2/\text{NDF}: 446.9/15$

Left Out: 2.474 ± 1.014 $\chi^2/\text{NDF}: 5.2/2$

Right Out: -8.777 ± 0.448 $\chi^2/\text{NDF}: 352.4/18$

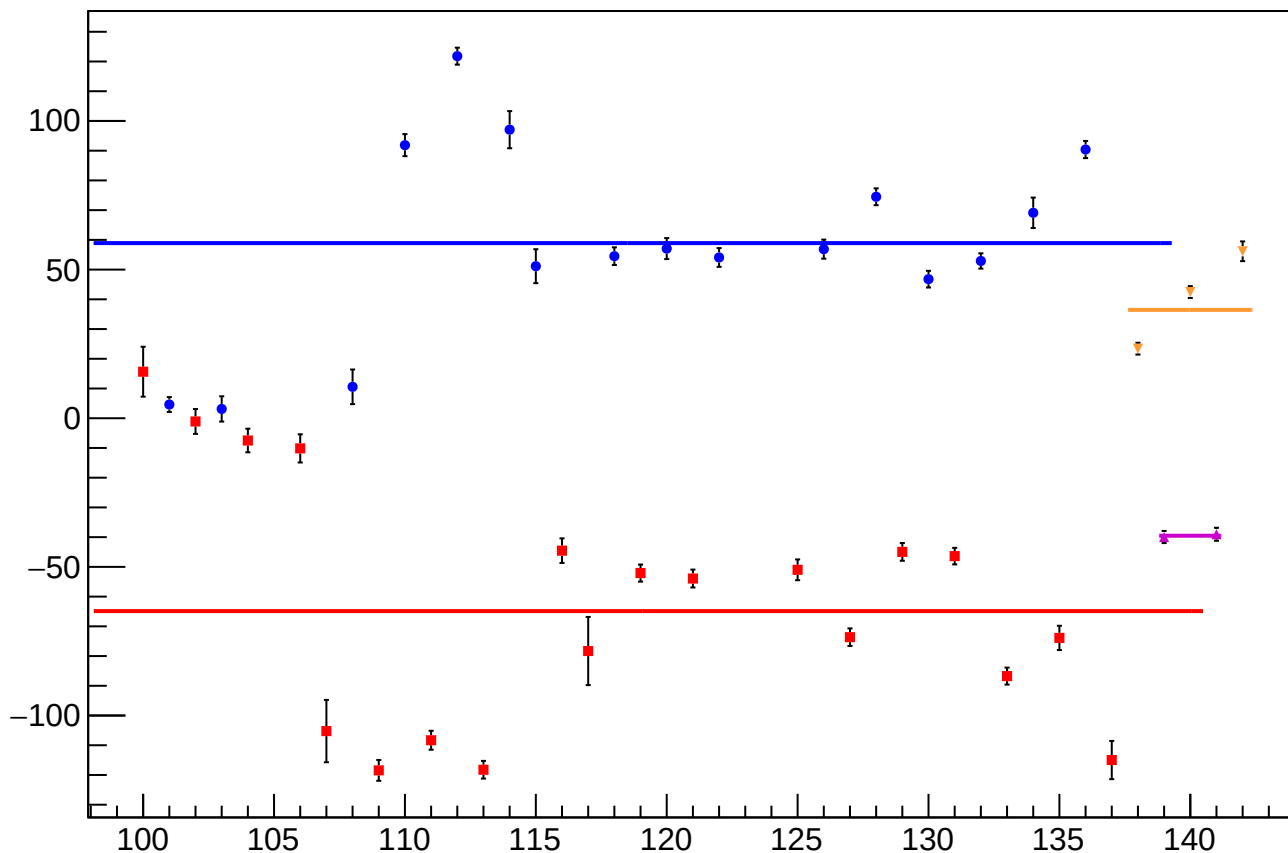
Left In: 1.716 ± 1.346 $\chi^2/\text{NDF}: 2.9/1$

6.354 ± 0.399 $\chi^2/\text{NDF}: 469.4/18$

-0.233 ± 0.291 $\chi^2/\text{NDF}: 1463.3/39$

-7.730 ± 0.425 $\chi^2/\text{NDF}: 410.0/20$

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

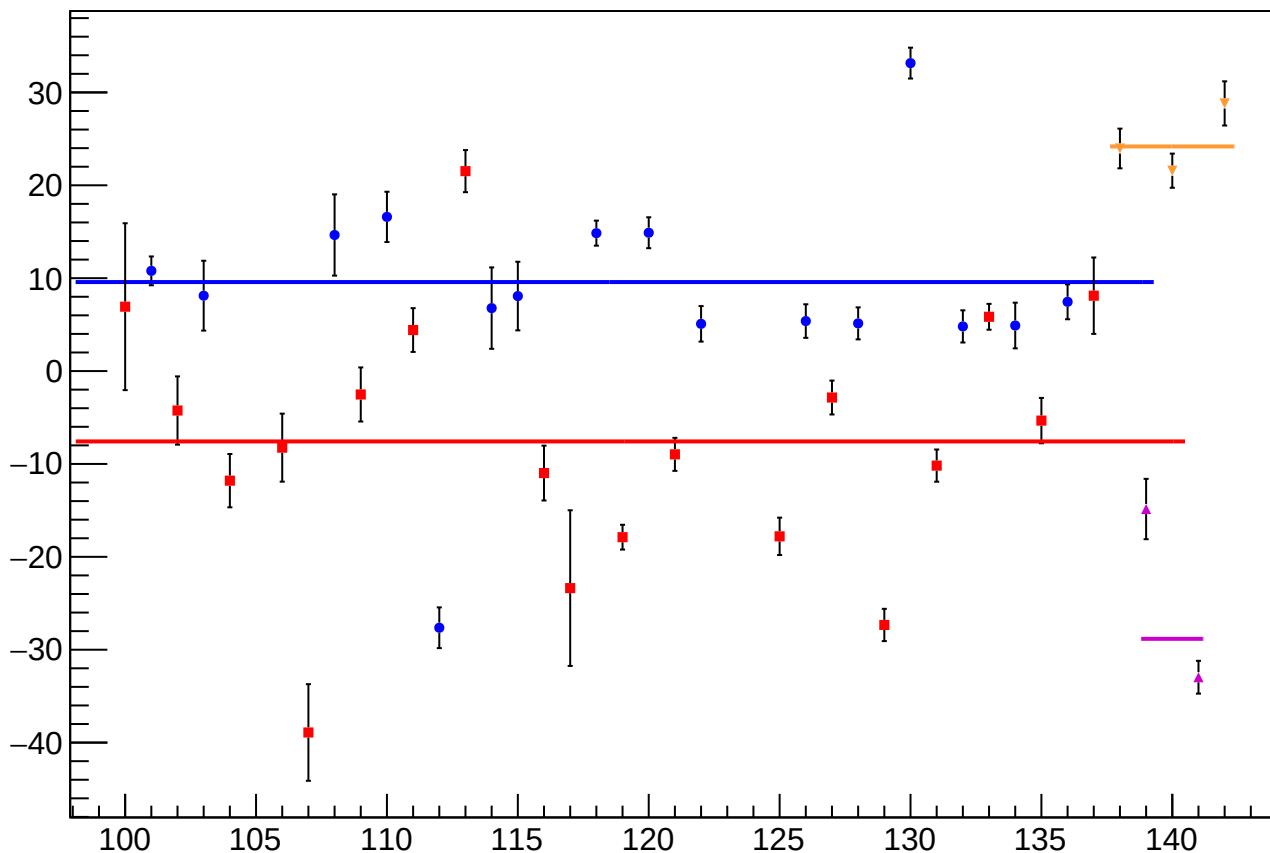
Left In: -39.519 $\pm$ 1.491 χ^2/NDF :0.1/1

52.336 $\pm$ 0.699 χ^2/NDF : 1798.1/18

-0.790 $\pm$ 0.505 χ^2/NDF : 15813.5/39

-58.791 $\pm$ 0.731 χ^2/NDF : 1939.3/20

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.583±/0.501 χ^2/NDF : 554.4/15

Left Out: 24.183±/1.203 χ^2/NDF : 5.8/2

Right Out: -7.575±/0.515 χ^2/NDF : 573.4/18

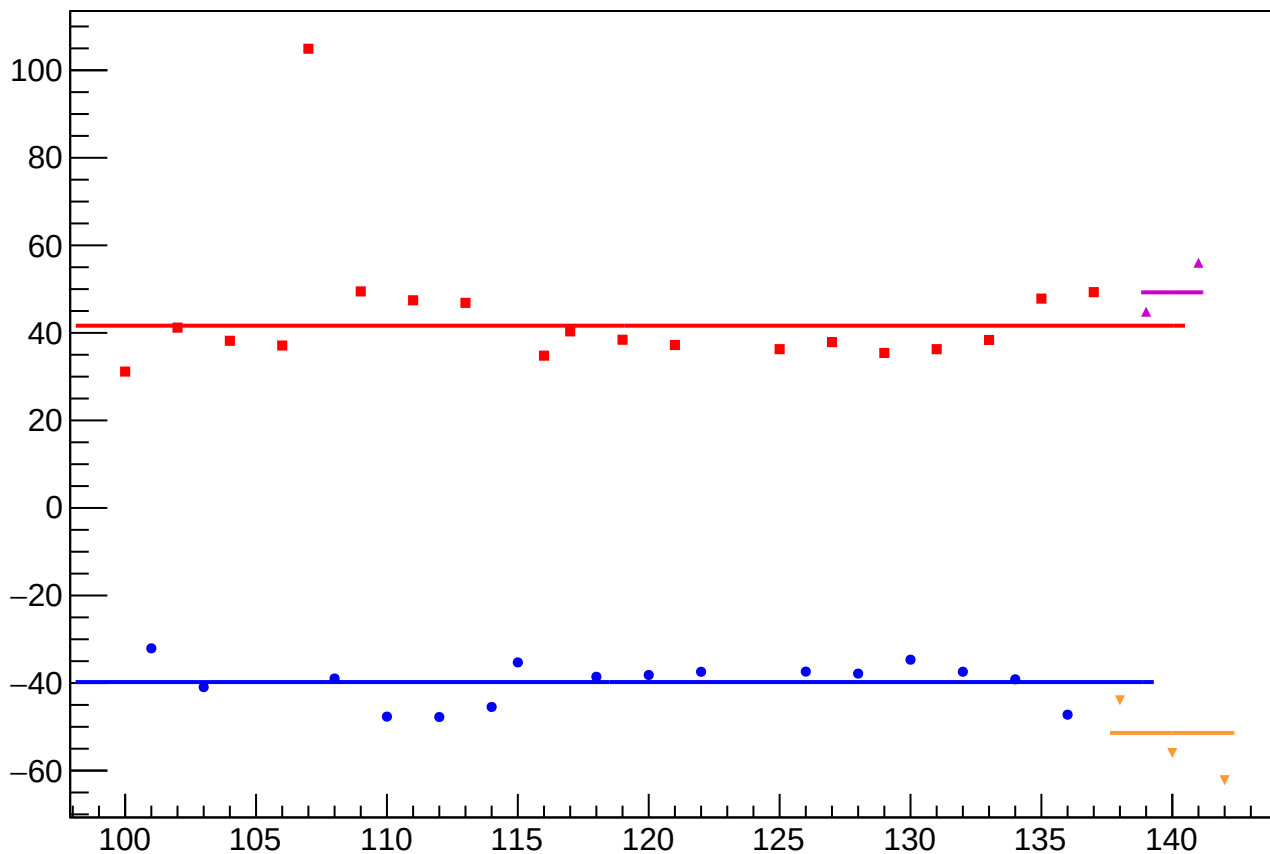
Left In: -28.829±/1.552 χ^2/NDF : 24.0/1

11.743±/0.463 χ^2/NDF : 685.8/18

1.614±/0.336 χ^2/NDF : 2466.4/39

-9.683±/0.489 χ^2/NDF : 766.4/20

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

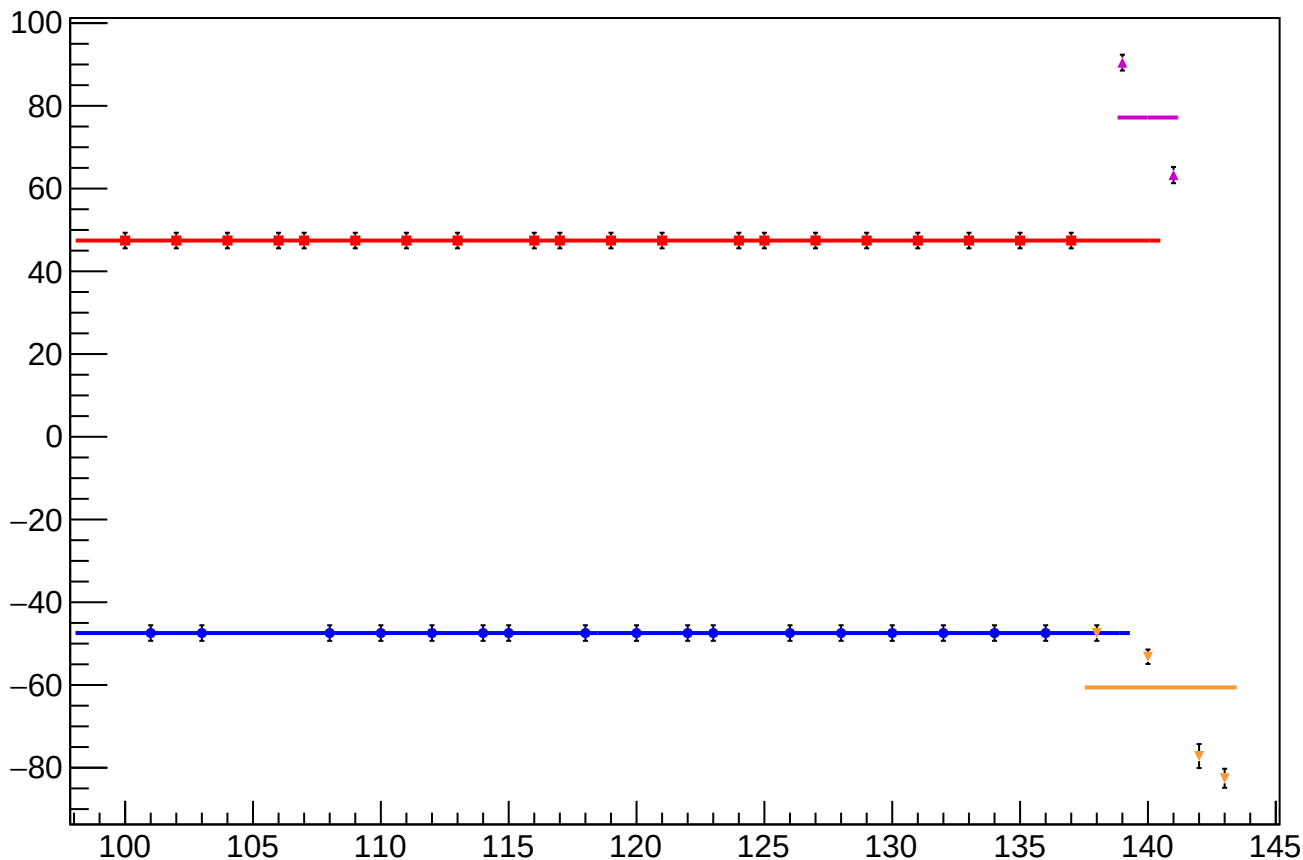
Left In: 49.258 ± 0.056 χ^2/NDF : 9676.5/1

-42.733 ± 0.027 χ^2/NDF : 80187.4/18

-0.176 ± 0.019 χ^2/NDF : 5297023.4/39

43.464 ± 0.027 χ^2/NDF : 118416.8/20

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.442 ± 0.457 χ^2/NDF : 0.0/16

Left Out: -60.582 ± 1.046 χ^2/NDF : 190.1/3

Right Out: 47.442 ± 0.421 χ^2/NDF : 0.0/19

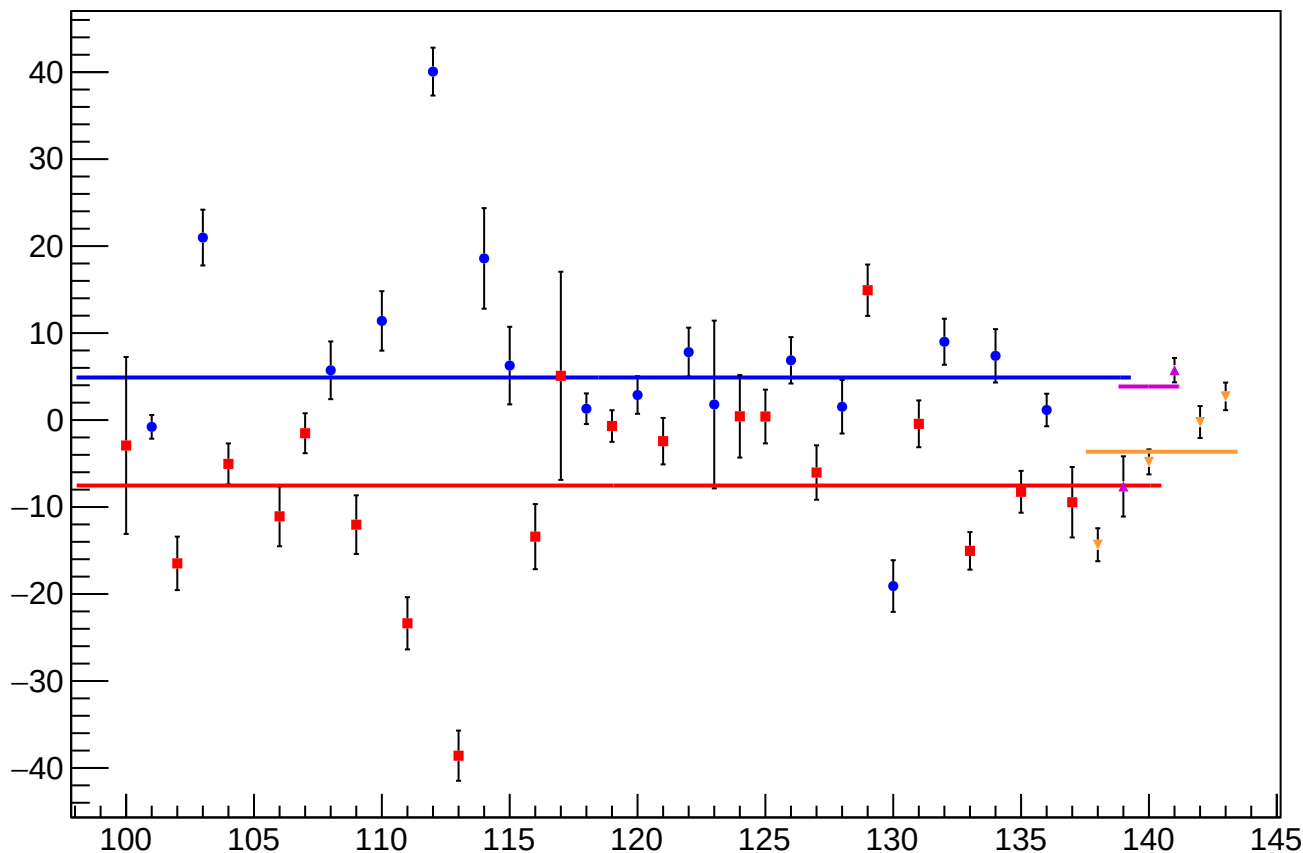
Left In: 77.175 ± 1.374 χ^2/NDF : 97.9/1

-49.550 ± 0.419 χ^2/NDF : 322.6/20

2.157 ± 0.290 χ^2/NDF : 30188.1/42

50.000 ± 0.403 χ^2/NDF : 526.2/21

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.894 ± 0.621 $\chi^2/\text{NDF}: 295.4/16$

Left Out: -3.642 ± 0.829 $\chi^2/\text{NDF}: 52.0/3$

Right Out: -7.528 ± 0.651 $\chi^2/\text{NDF}: 271.3/19$

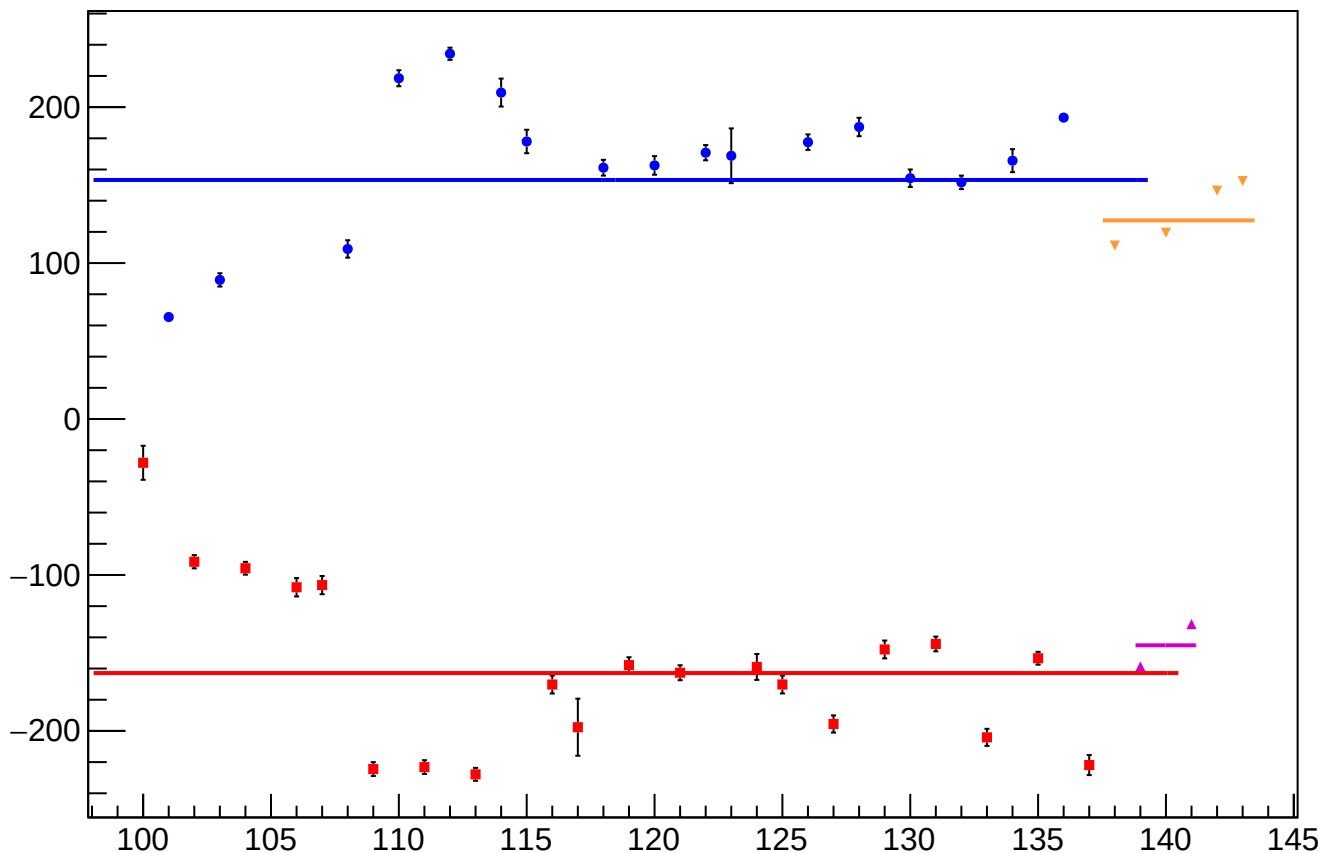
Left In: 3.856 ± 1.301 $\chi^2/\text{NDF}: 12.8/1$

1.824 ± 0.497 $\chi^2/\text{NDF}: 415.3/20$

-1.160 ± 0.378 $\chi^2/\text{NDF}: 846.0/42$

-5.249 ± 0.582 $\chi^2/\text{NDF}: 345.4/21$

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

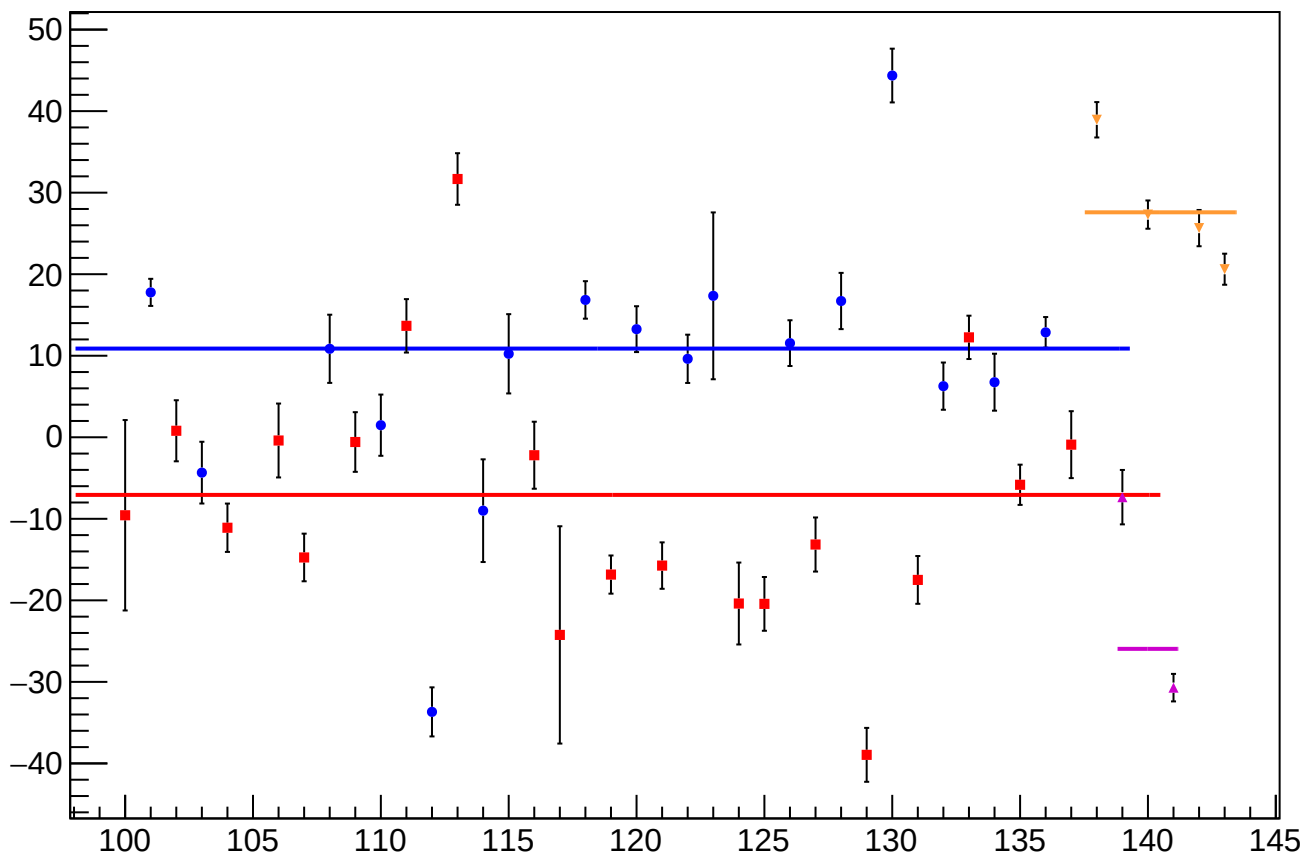
Left In: -145.116+/-1.474 χ^2/NDF : 84.3/1

140.060+/-0.801 χ^2/NDF : 2752.0/20

12.162+/-0.604 χ^2/NDF : 63666.1/42

-155.988+/-0.918 χ^2/NDF : 1885.6/21

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

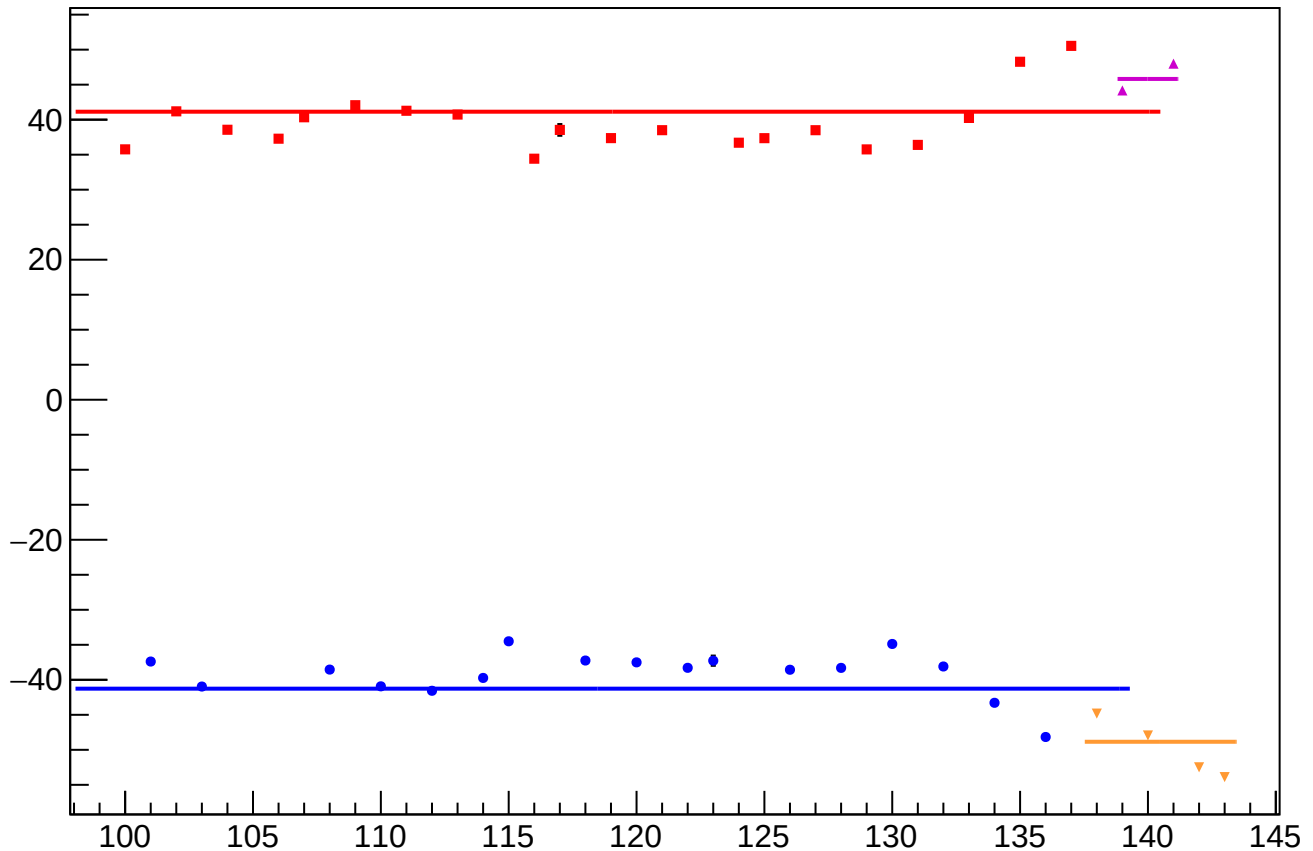
Left In: -25.950+/-1.506 χ^2/NDF : 39.0/1

16.599+/-0.579 χ^2/NDF : 617.5/20

4.880+/-0.438 χ^2/NDF : 2168.0/42

-10.796+/-0.669 χ^2/NDF : 591.4/21

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -48.849 ± 0.046 $\chi^2/\text{NDF}: 6073.4/3$

Right Out: 41.138 ± 0.039 $\chi^2/\text{NDF}: 12228.3/19$

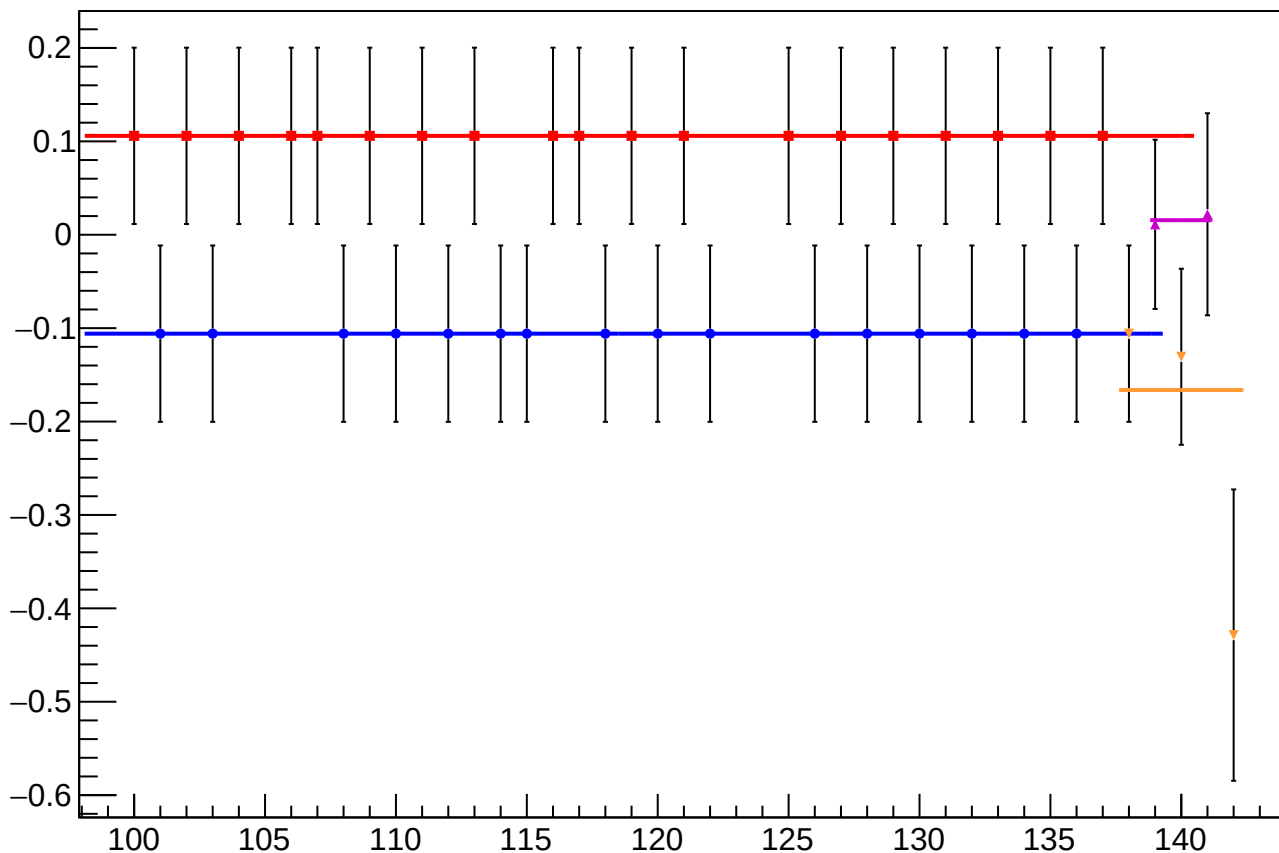
Left In: 45.817 ± 0.055 $\chi^2/\text{NDF}: 1168.9/1$

-44.382 ± 0.030 $\chi^2/\text{NDF}: 34594.5/20$

-3.858 ± 0.022 $\chi^2/\text{NDF}: 4094313.4/42$

42.667 ± 0.032 $\chi^2/\text{NDF}: 18202.8/21$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.106 $\pm$ 0.024 χ^2 /NDF: 0.0/15

Left Out: -0.166 $\pm$ 0.061 χ^2 /NDF:3.4/2

Right Out: 0.106 $\pm$ 0.022 χ^2 /NDF: 0.0/18

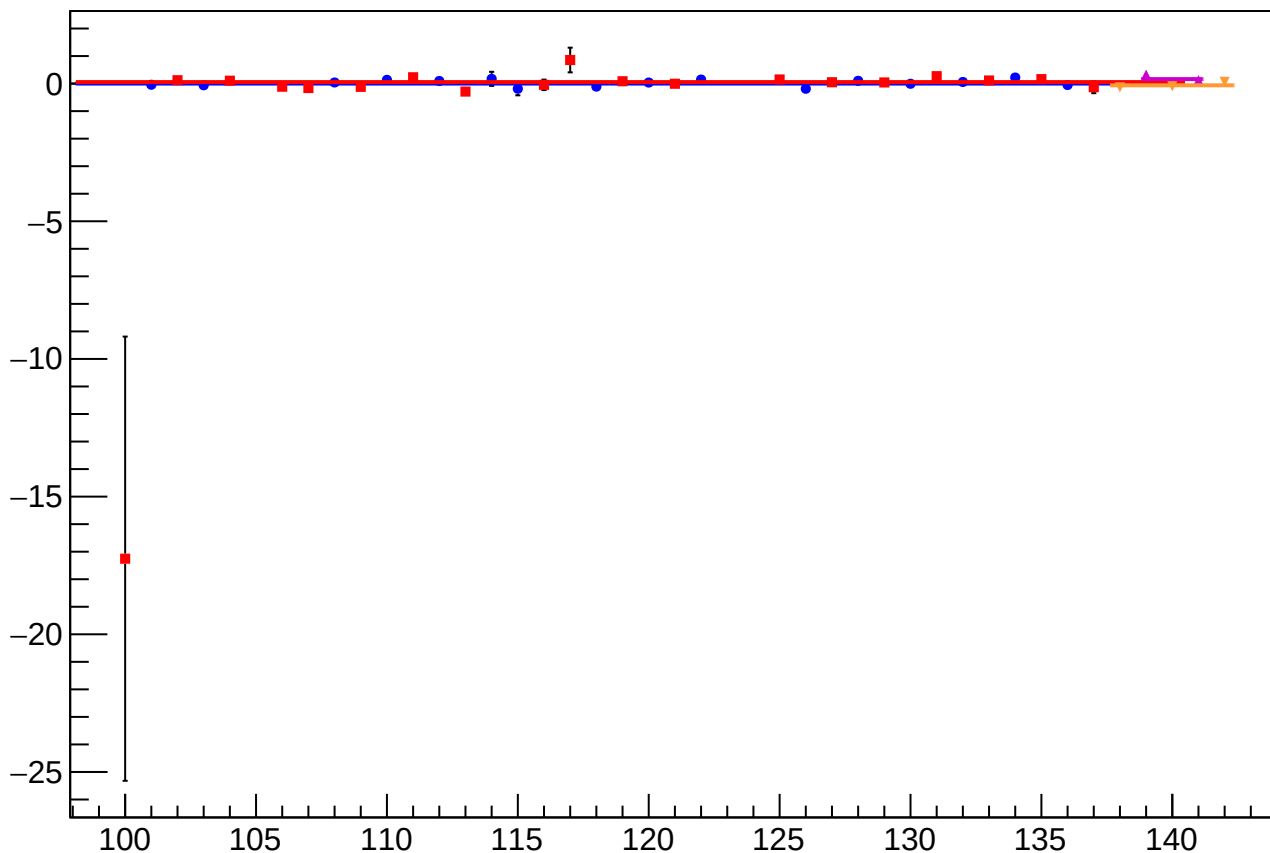
Left In: 0.016 $\pm$ 0.069 χ^2 /NDF:0.0/1

-0.114 $\pm$ 0.022 χ^2 /NDF: 4.2/18

-0.001 $\pm$ 0.015 χ^2 /NDF: 54.8/39

0.098 $\pm$ 0.021 χ^2 /NDF: 1.5/20

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.002+/-0.028 χ^2/NDF : 12.5/15

Left Out: -0.062+/-0.052 χ^2/NDF : 2.3/2

Right Out: 0.054+/-0.029 χ^2/NDF : 29.0/18

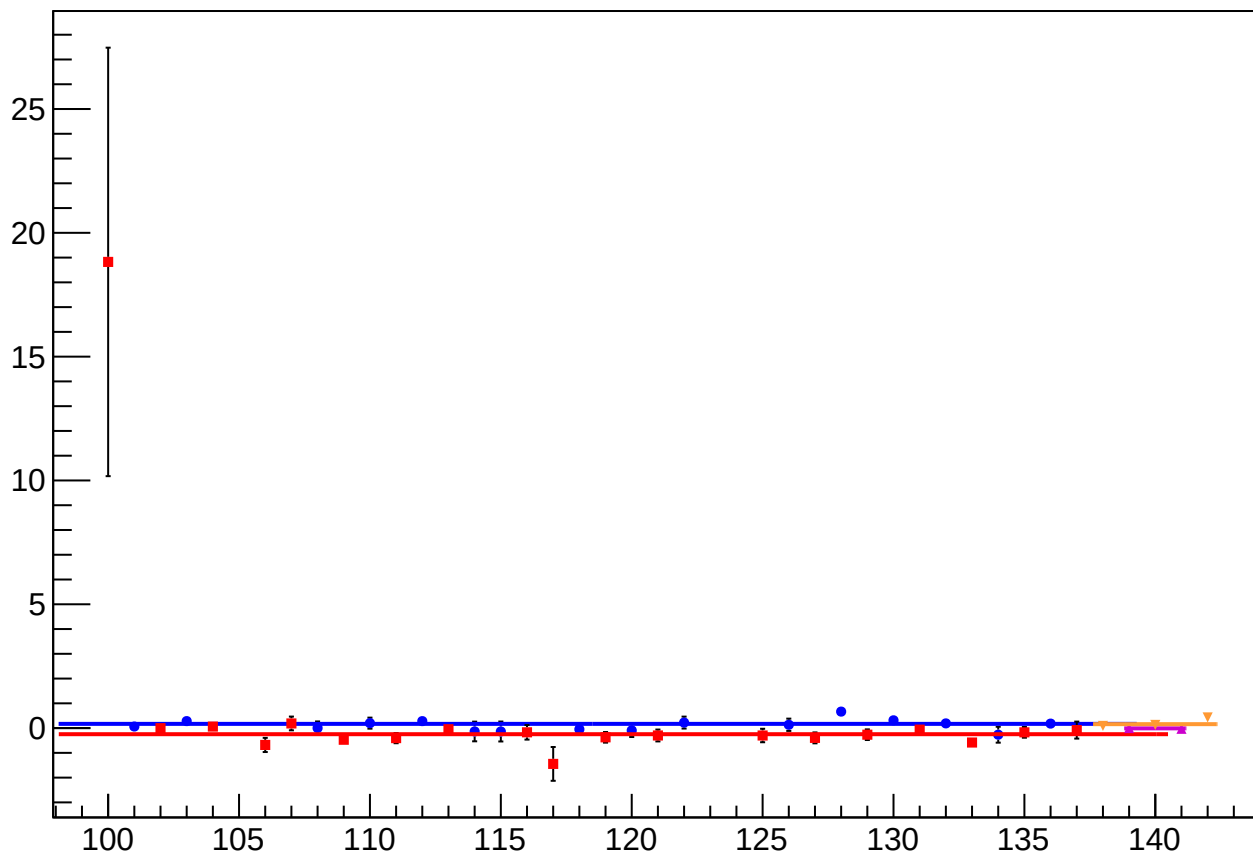
Left In: 0.163+/-0.070 χ^2/NDF : 1.2/1

-0.013+/-0.025 χ^2/NDF : 16.0/18

0.025+/-0.018 χ^2/NDF : 53.4/39

0.071+/-0.027 χ^2/NDF : 32.3/20

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

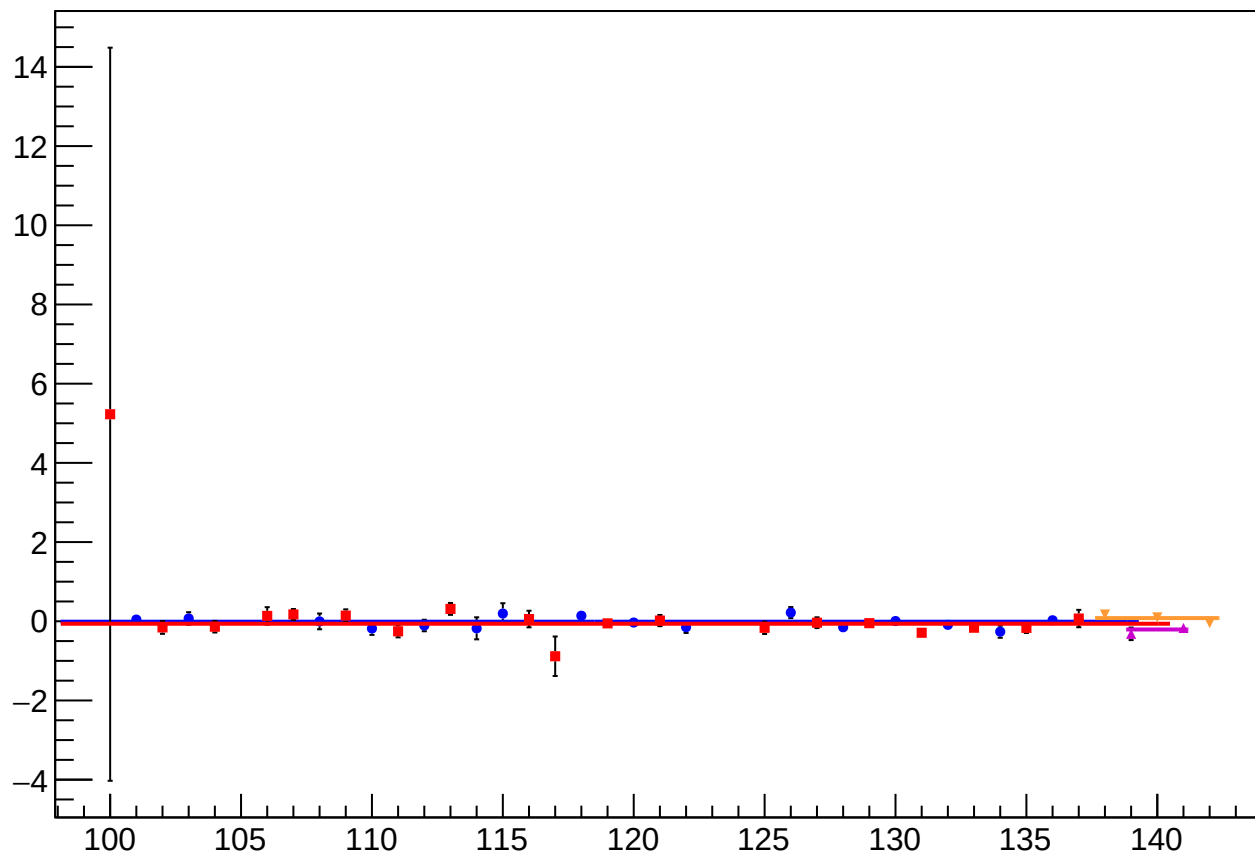
Left In: -0.011 ± 0.075 χ^2/NDF : 0.0/1

0.166 ± 0.041 χ^2/NDF : 16.9/18

0.011 ± 0.030 χ^2/NDF : 79.2/39

-0.166 ± 0.044 χ^2/NDF : 31.5/20

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

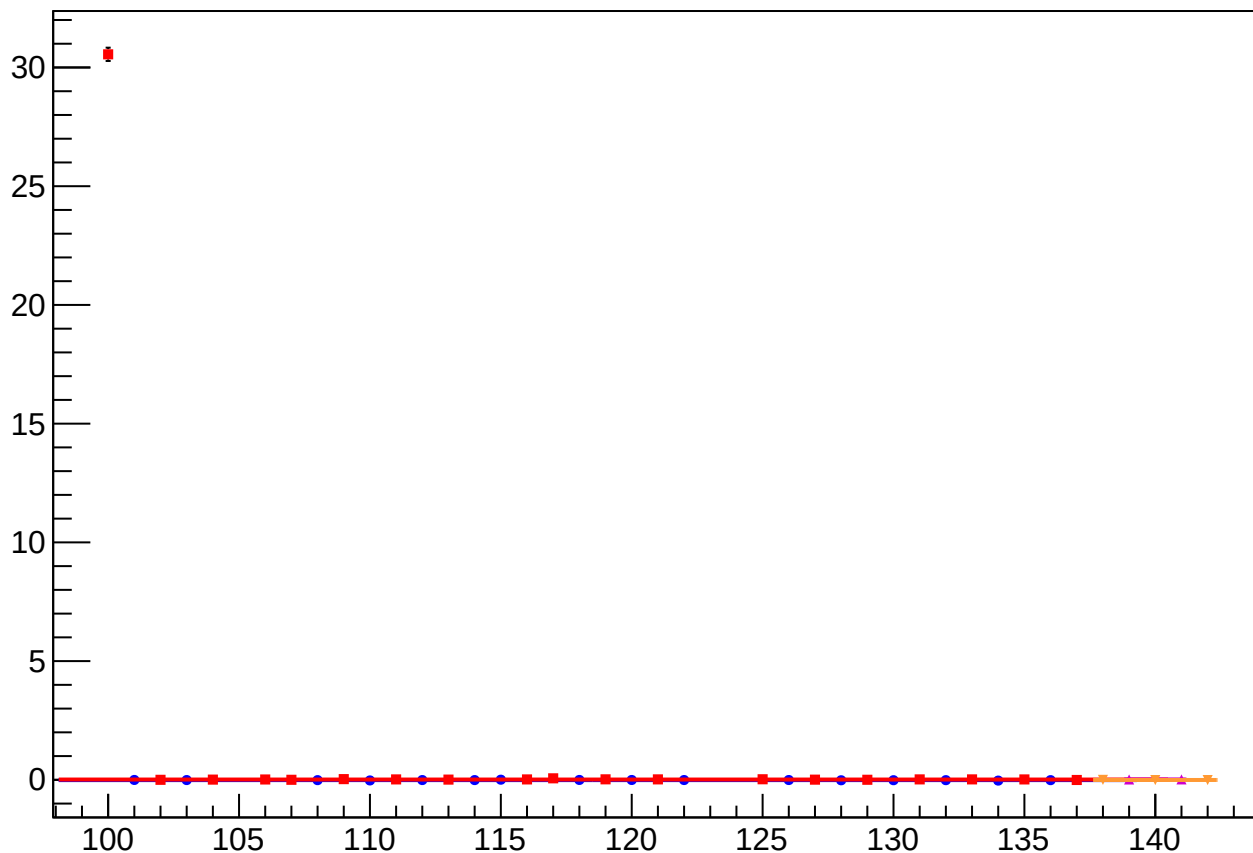
Left In: -0.207 ± 0.080 χ^2/NDF : 0.7/1

0.009 ± 0.029 χ^2/NDF : 17.3/18

-0.034 ± 0.021 χ^2/NDF : 48.8/39

-0.084 ± 0.031 χ^2/NDF : 26.7/20

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

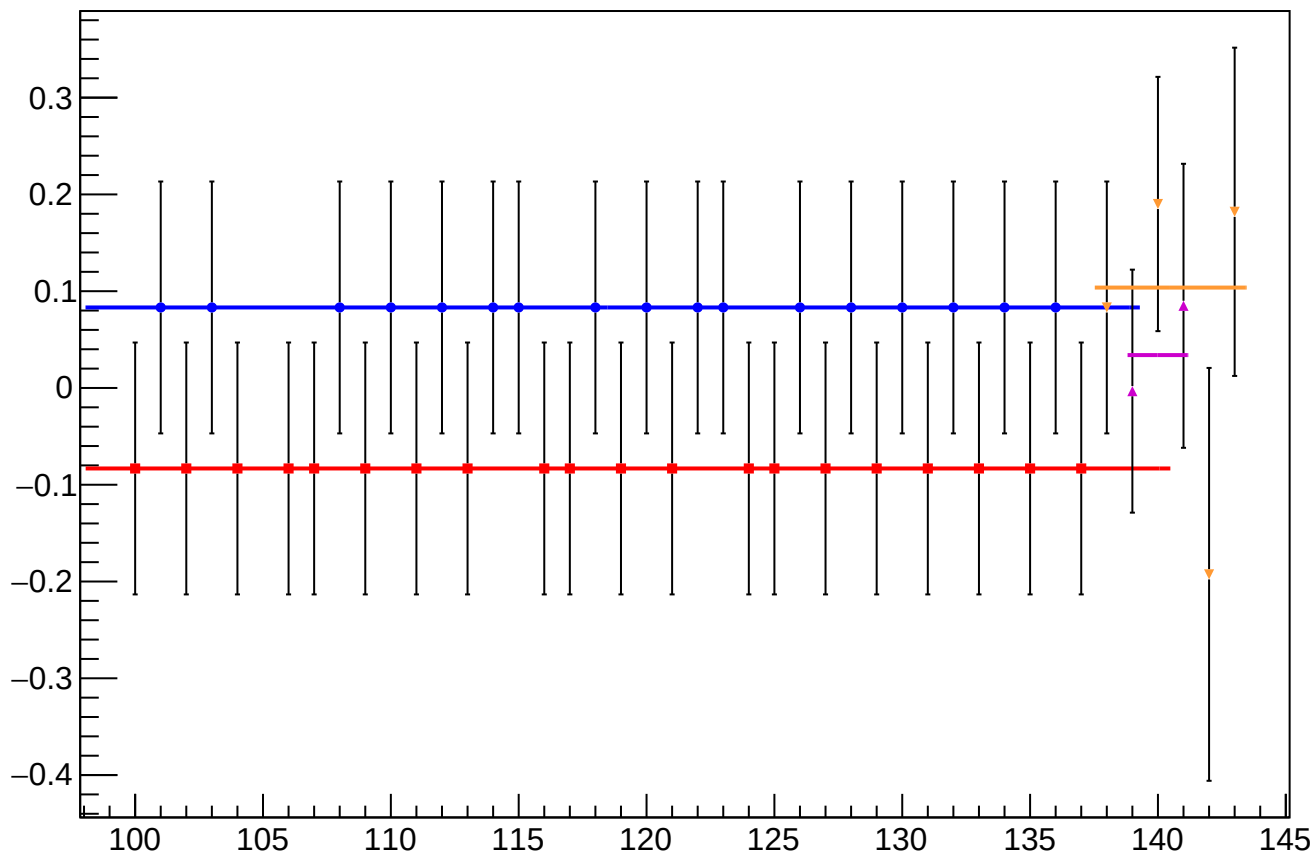
Left In: 0.016 ± 0.003 χ^2/NDF : 0.2/1

-0.010 ± 0.001 χ^2/NDF : 18.4/18

0.002 ± 0.001 χ^2/NDF : 12038.8/39

0.014 ± 0.002 χ^2/NDF : 11896.0/20

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.083 $\pm$ 0.032 χ^2 /NDF: 0.0/16

Left Out: 0.104 $\pm$ 0.076 χ^2 /NDF: 2.6/3

Right Out: -0.083 $\pm$ 0.029 χ^2 /NDF: 0.0/19

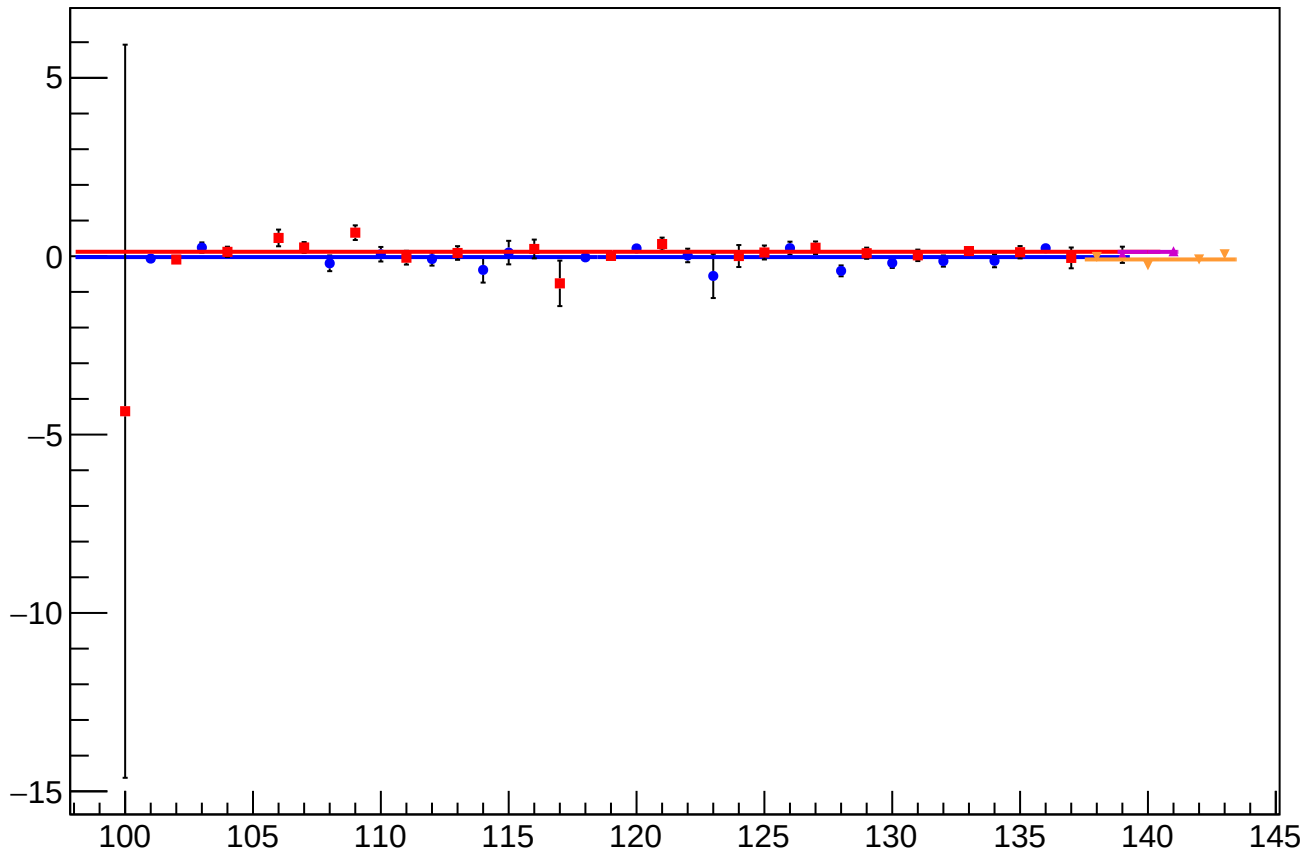
Left In: 0.034 $\pm$ 0.095 χ^2 /NDF: 0.2/1

0.086 $\pm$ 0.029 χ^2 /NDF: 2.7/20

0.003 $\pm$ 0.020 χ^2 /NDF: 19.9/42

-0.073 $\pm$ 0.028 χ^2 /NDF: 1.6/21

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

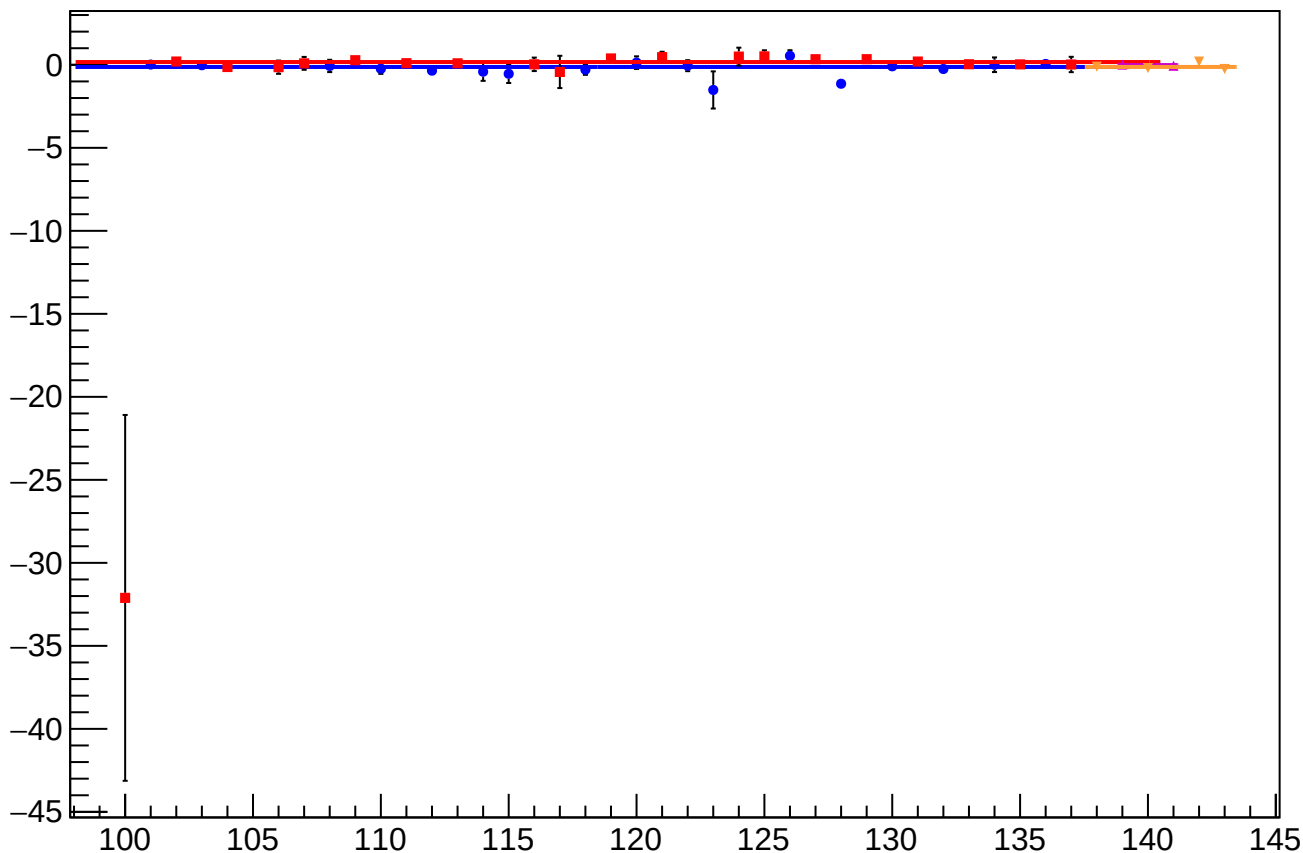
Left In: 0.122 ± 0.096 χ^2/NDF : 0.2/1

-0.041 ± 0.031 χ^2/NDF : 28.2/20

0.029 ± 0.024 χ^2/NDF : 59.8/42

0.124 ± 0.036 χ^2/NDF : 19.7/21

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

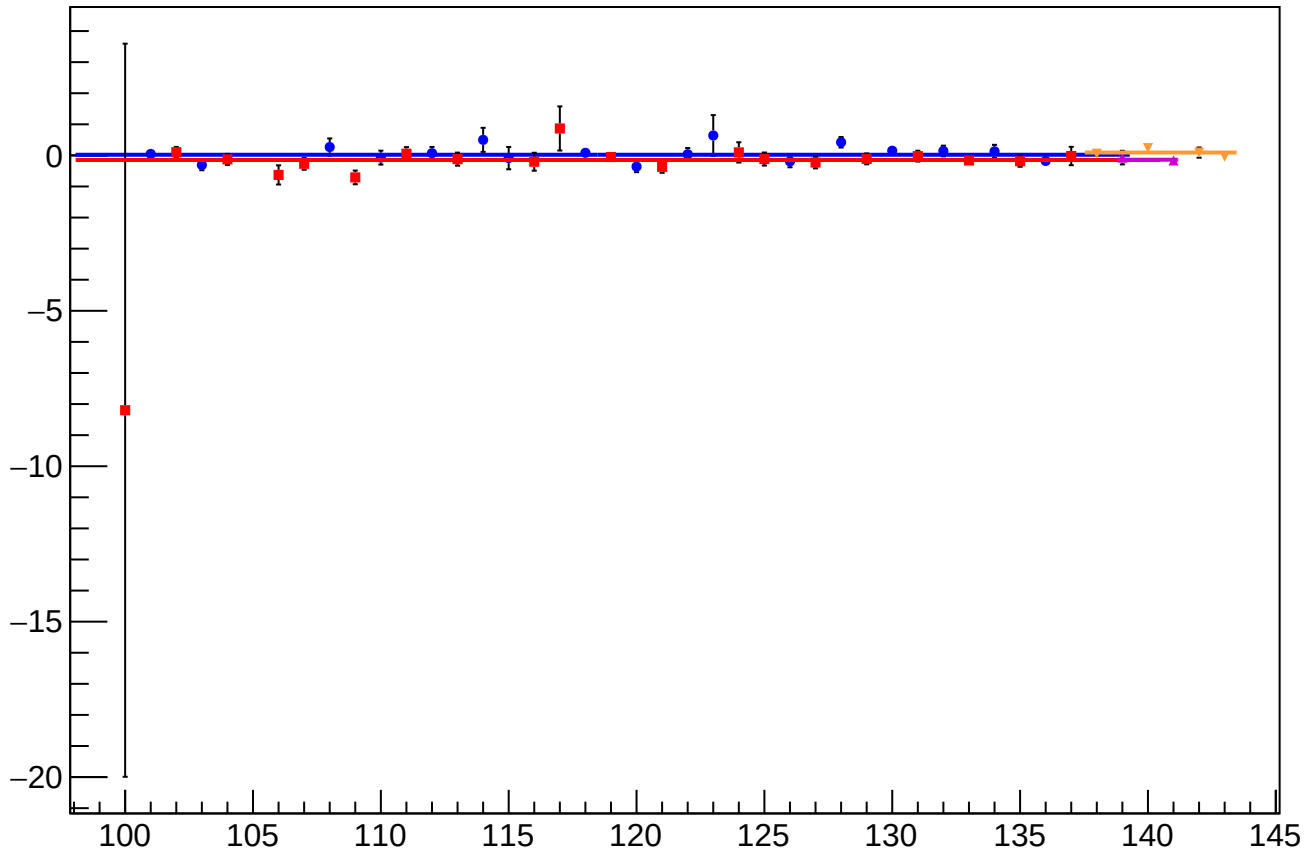
Left In: -0.015 ± 0.102 χ^2/NDF : 0.1/1

-0.129 ± 0.052 χ^2/NDF : 26.4/20

-0.024 ± 0.039 χ^2/NDF : 53.5/42

0.109 ± 0.058 χ^2/NDF : 17.7/21

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.042 χ^2/NDF : 22.5/16

Left Out: 0.092 $\pm$ 0.073 χ^2/NDF : 2.1/3

Right Out: -0.148 $\pm$ 0.045 χ^2/NDF : 18.3/19

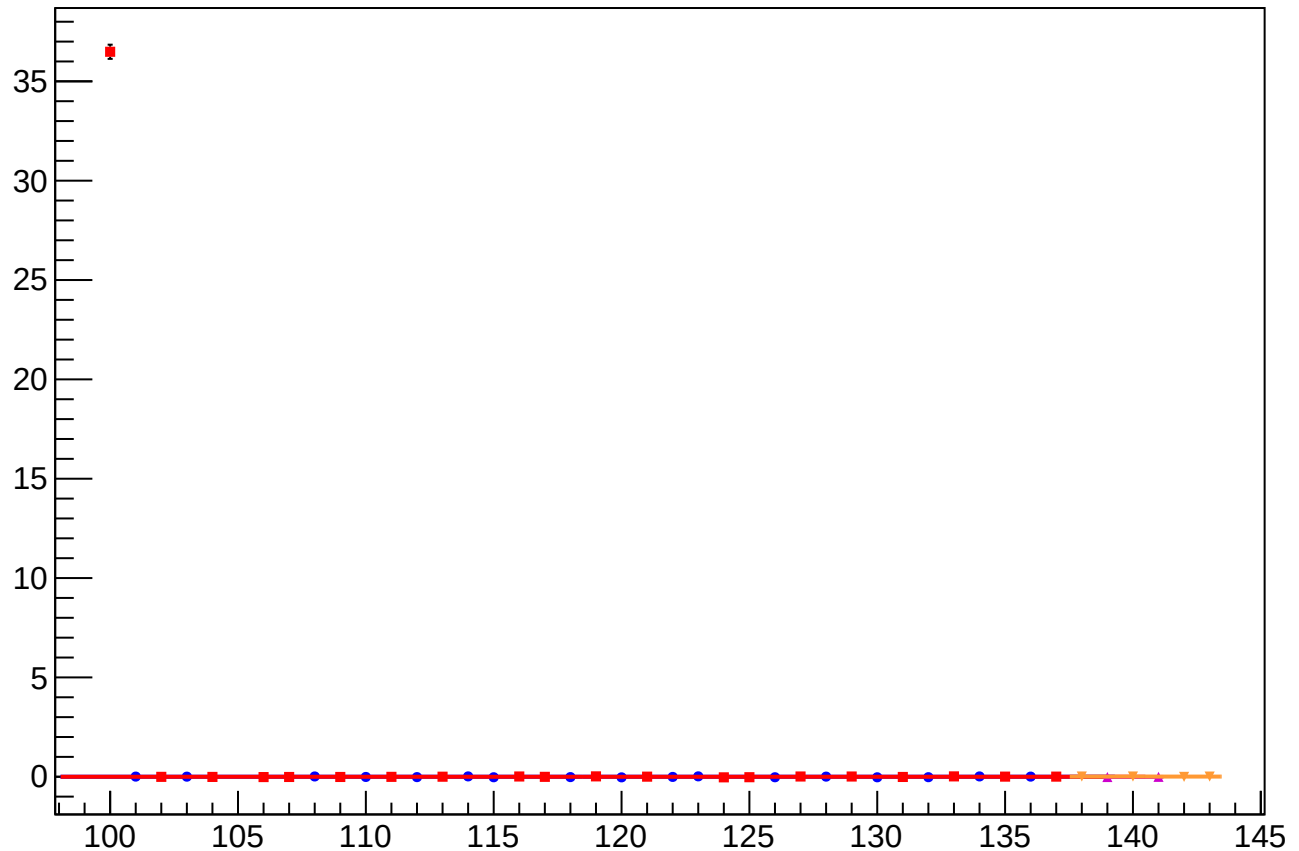
Left In: -0.139 $\pm$ 0.109 χ^2/NDF : 0.1/1

0.039 $\pm$ 0.037 χ^2/NDF : 25.4/20

-0.041 $\pm$ 0.028 χ^2/NDF : 54.9/42

-0.147 $\pm$ 0.042 χ^2/NDF : 18.4/21

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF : 32.4/16

Left Out: 0.009+/-0.003 χ^2/NDF : 3.2/3

Right Out: -0.001+/-0.002 χ^2/NDF : 10449.1/19

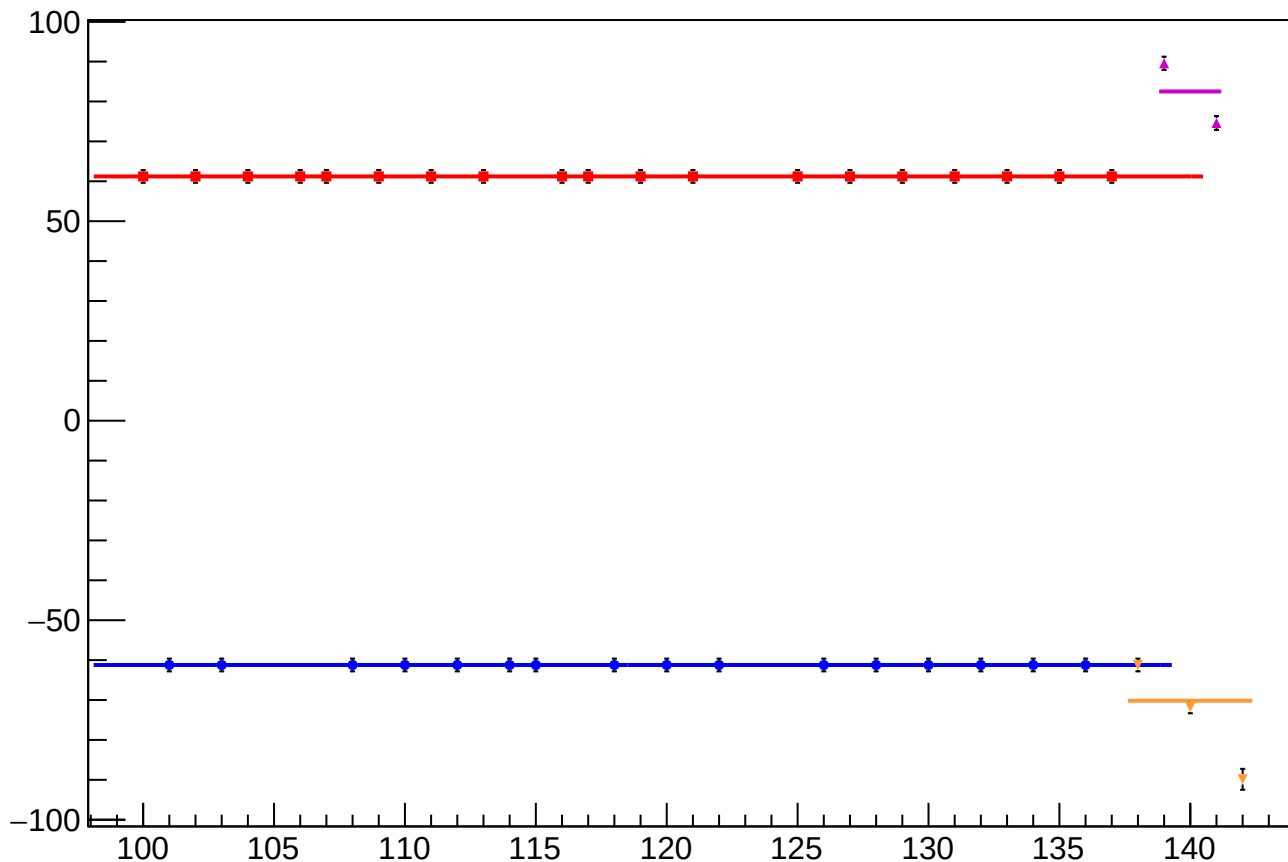
Left In: -0.010+/-0.004 χ^2/NDF : 1.4/1

0.004+/-0.002 χ^2/NDF : 39.2/20

0.000+/-0.001 χ^2/NDF : 10500.1/42

-0.003+/-0.002 χ^2/NDF : 10454.4/21

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -61.220 $\pm$ 0.400 χ^2/NDF : 0.0/15

Left Out: -70.180 $\pm$ 1.032 χ^2/NDF : 88.6/2

Right Out: 61.220 $\pm$ 0.368 χ^2/NDF : 0.0/18

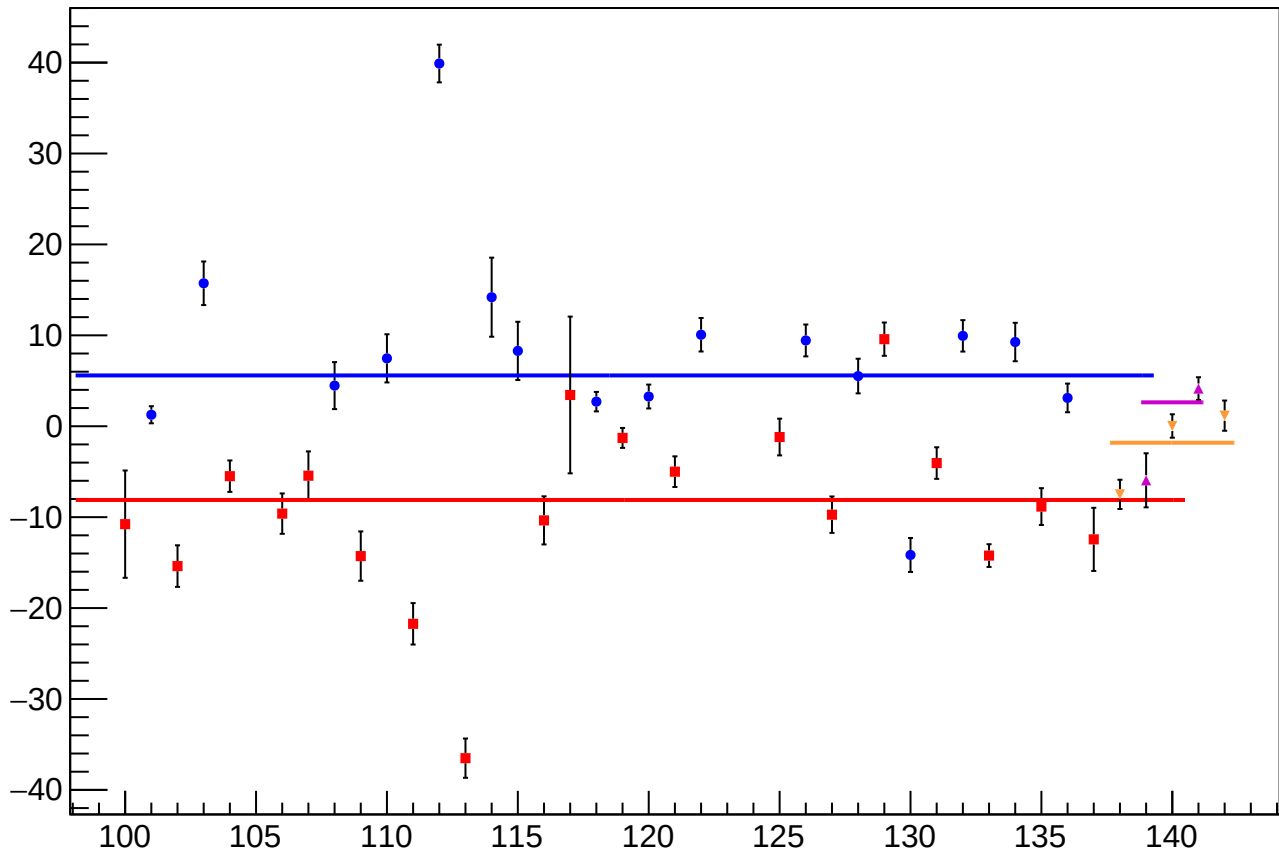
Left In: 82.512 $\pm$ 1.203 χ^2/NDF : 38.6/1

-62.393 $\pm$ 0.373 χ^2/NDF : 154.0/18

4.110 $\pm$ 0.256 χ^2/NDF : 60314.2/39

63.039 $\pm$ 0.351 χ^2/NDF : 325.3/20

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589 $\pm$ 0.424 χ^2 /NDF: 462.8/15

Left Out: -1.816 $\pm$ 0.861 χ^2 /NDF: 17.7/2

Right Out: -8.110 $\pm$ 0.453 χ^2 /NDF: 409.5/18

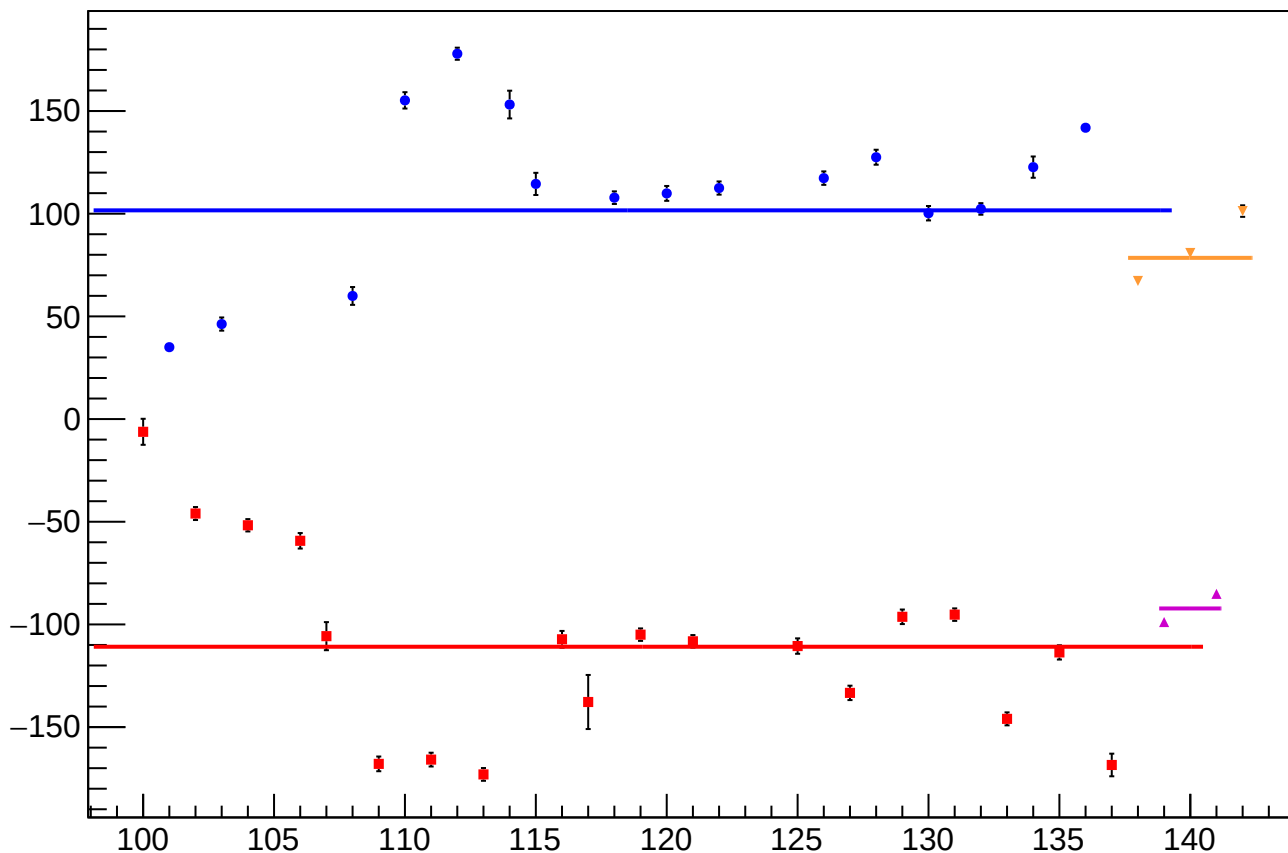
Left In: 2.630 $\pm$ 1.151 χ^2 /NDF: 9.8/1

4.146 $\pm$ 0.380 χ^2 /NDF: 540.0/18

-0.703 $\pm$ 0.282 χ^2 /NDF: 1397.9/39

-6.669 $\pm$ 0.422 χ^2 /NDF: 494.7/20

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

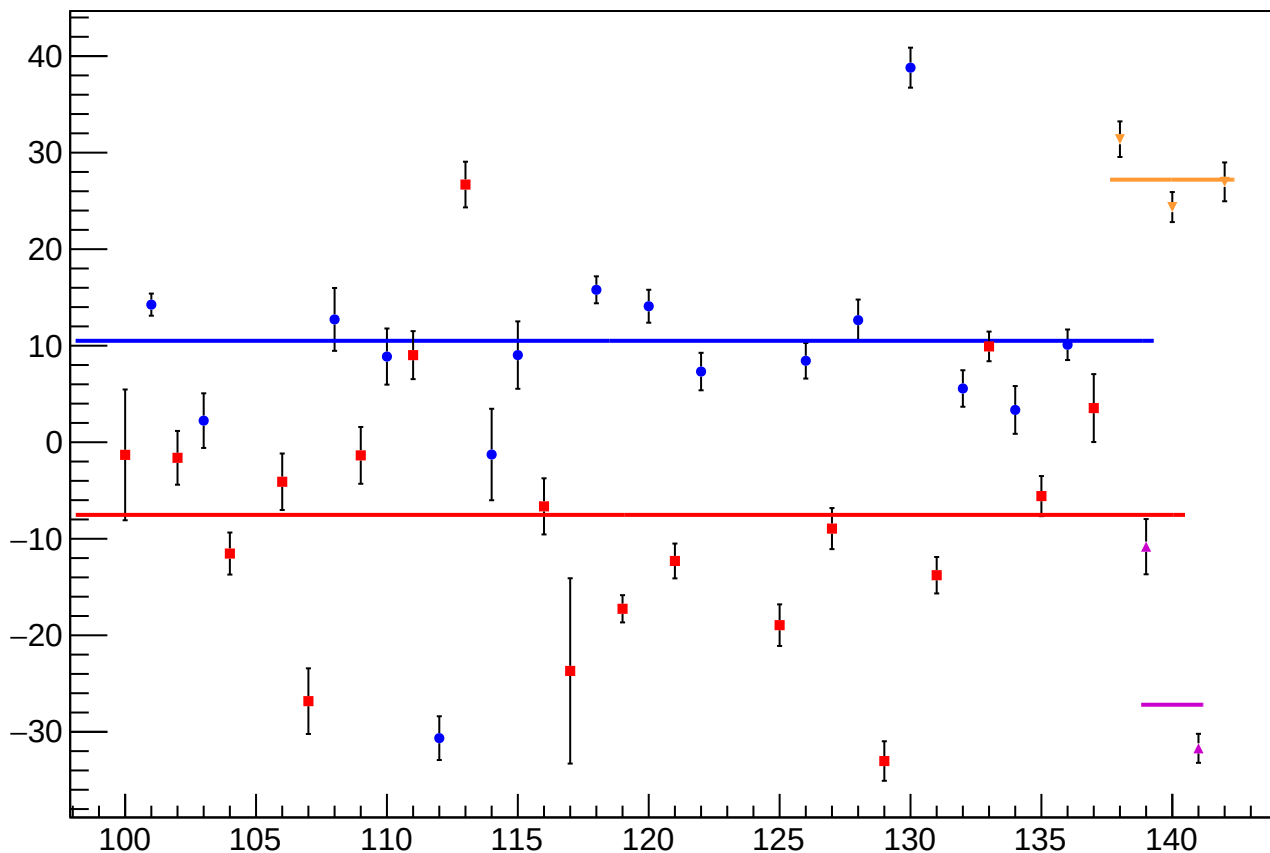
Left In: -92.227+/-1.291 χ^2/NDF : 28.2/1

93.616+/-0.652 χ^2/NDF : 3373.3/18

1.249+/-0.478 χ^2/NDF : 49258.2/39

-105.373+/-0.701 χ^2/NDF : 2692.4/20

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.508+/-0.492 χ^2/NDF : 581.5/15

Left Out: 27.202+/-1.024 χ^2/NDF : 8.5/2

Right Out: -7.525+/-0.523 χ^2/NDF : 692.2/18

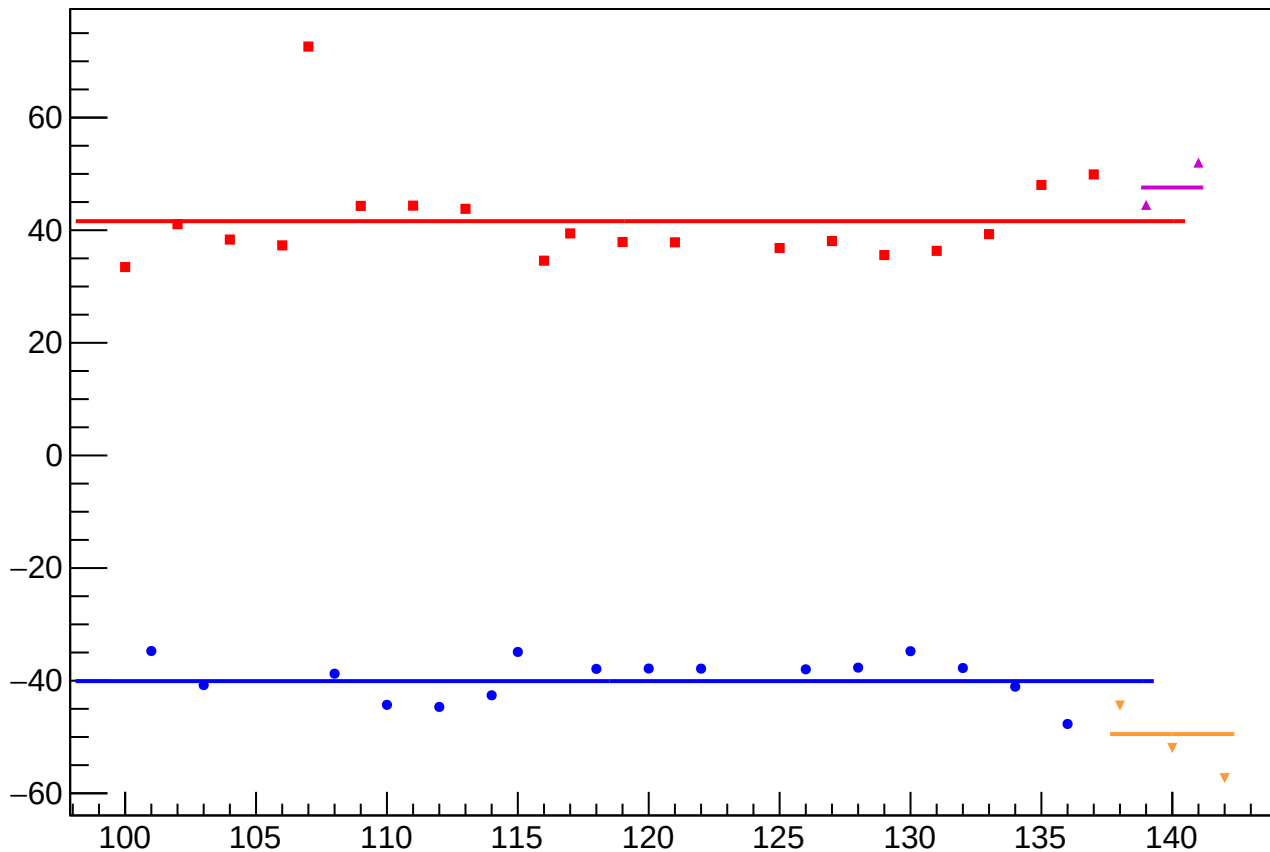
Left In: -27.193+/-1.330 χ^2/NDF : 41.8/1

13.641+/-0.443 χ^2/NDF : 806.0/18

2.849+/-0.328 χ^2/NDF : 3035.3/39

-10.161+/-0.487 χ^2/NDF : 923.3/20

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

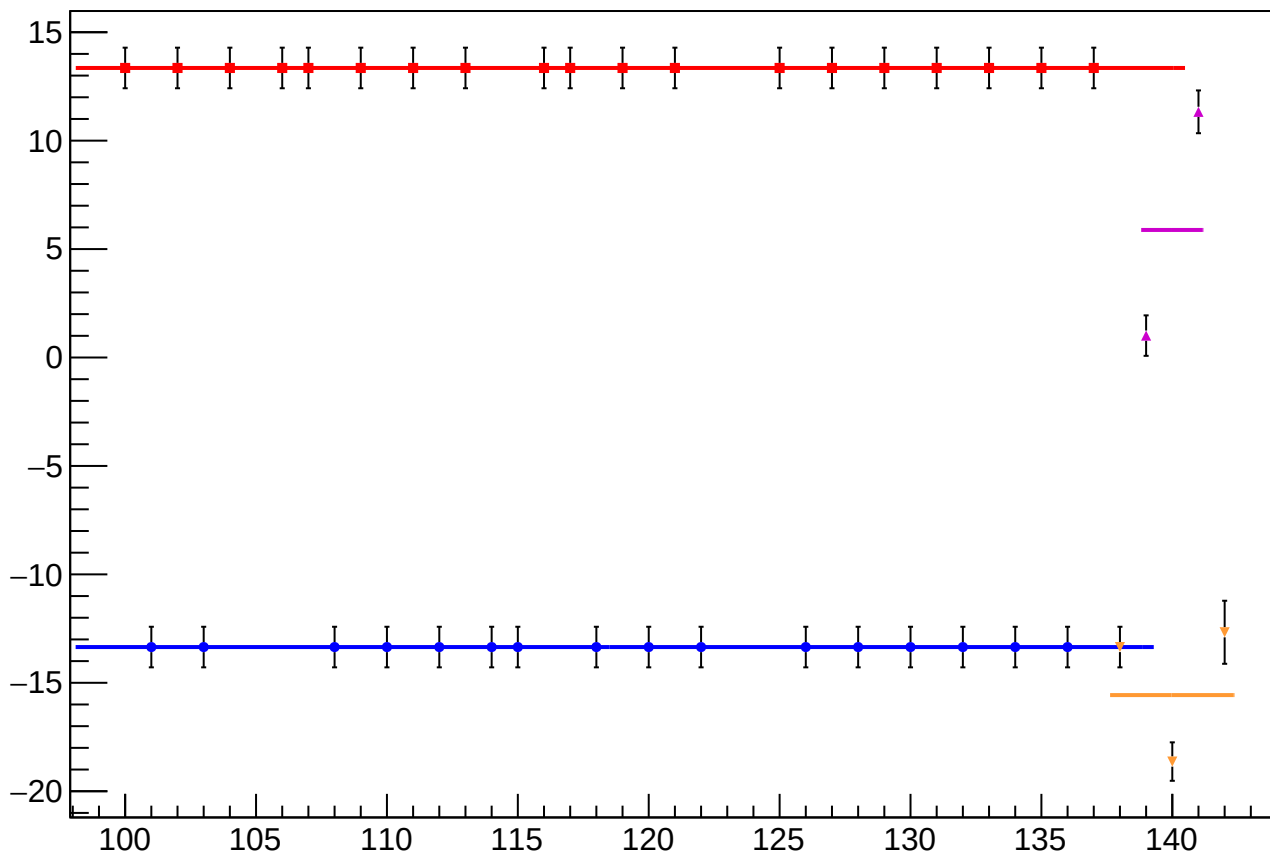
Left In: 47.581 ± 0.048 χ^2/NDF : 5848.5/1

-42.664 ± 0.024 χ^2/NDF : 67073.7/18

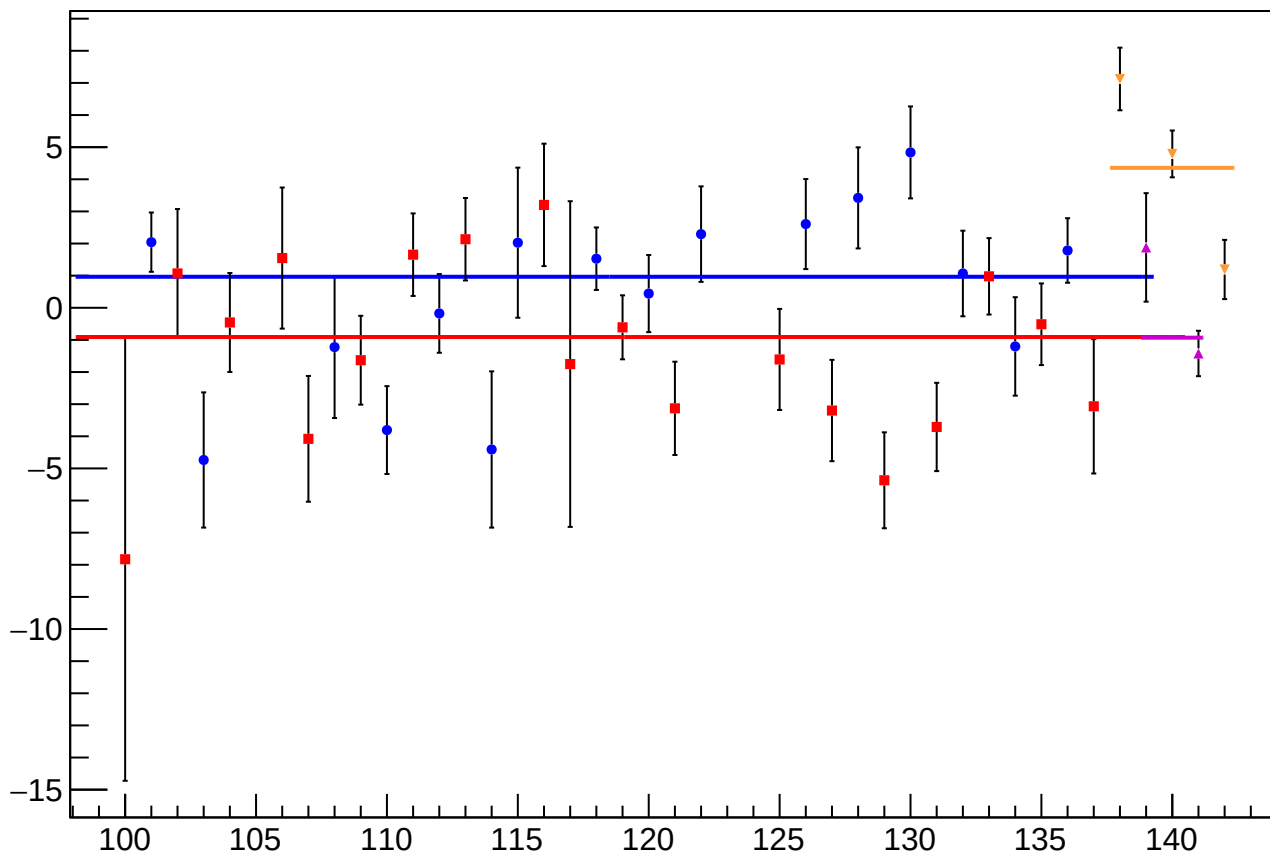
-0.750 ± 0.017 χ^2/NDF : 6384899.2/39

43.151 ± 0.025 χ^2/NDF : 78993.7/20

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

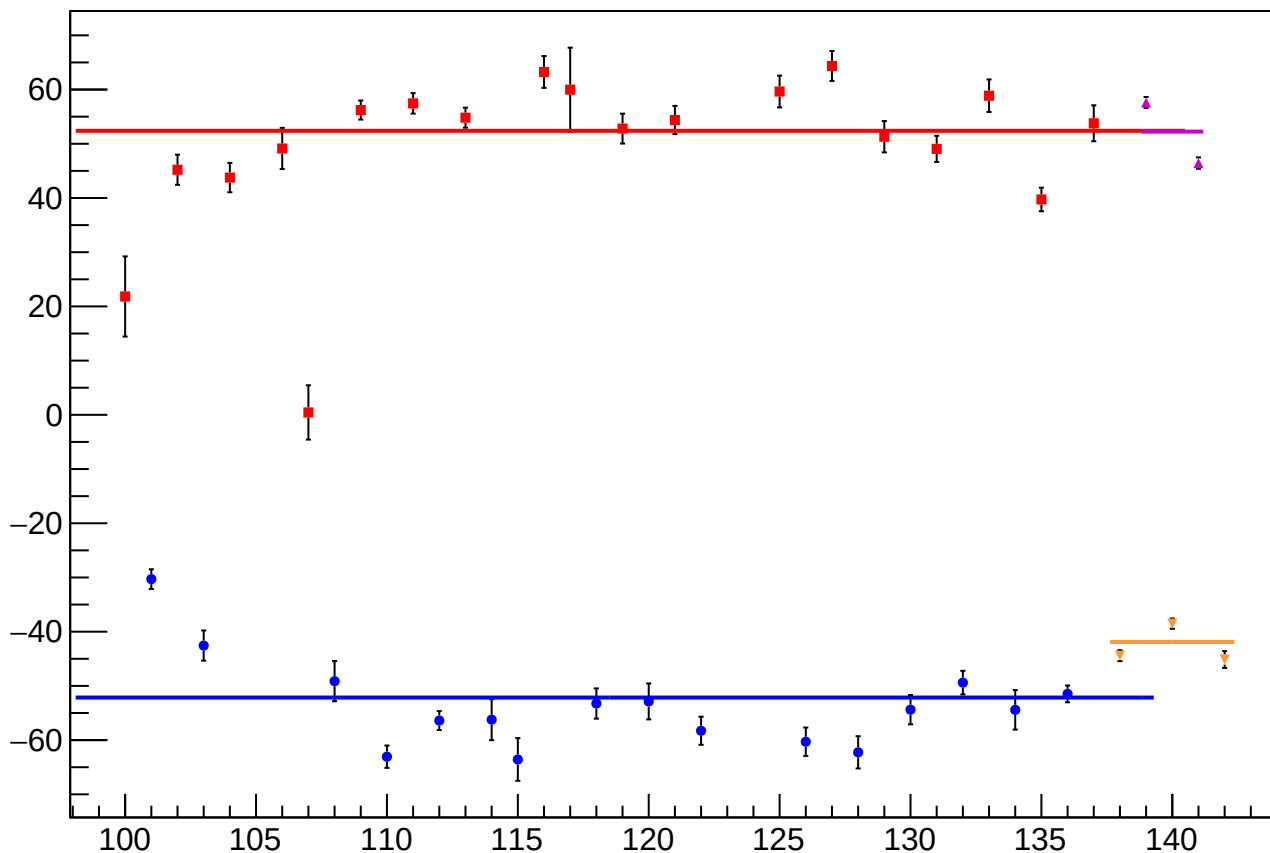
Left In: -0.931 ± 0.652 χ^2/NDF : 3.3/1

2.050 ± 0.279 χ^2/NDF : 95.3/18

0.726 ± 0.207 χ^2/NDF : 191.1/39

-0.915 ± 0.310 χ^2/NDF : 45.3/20

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

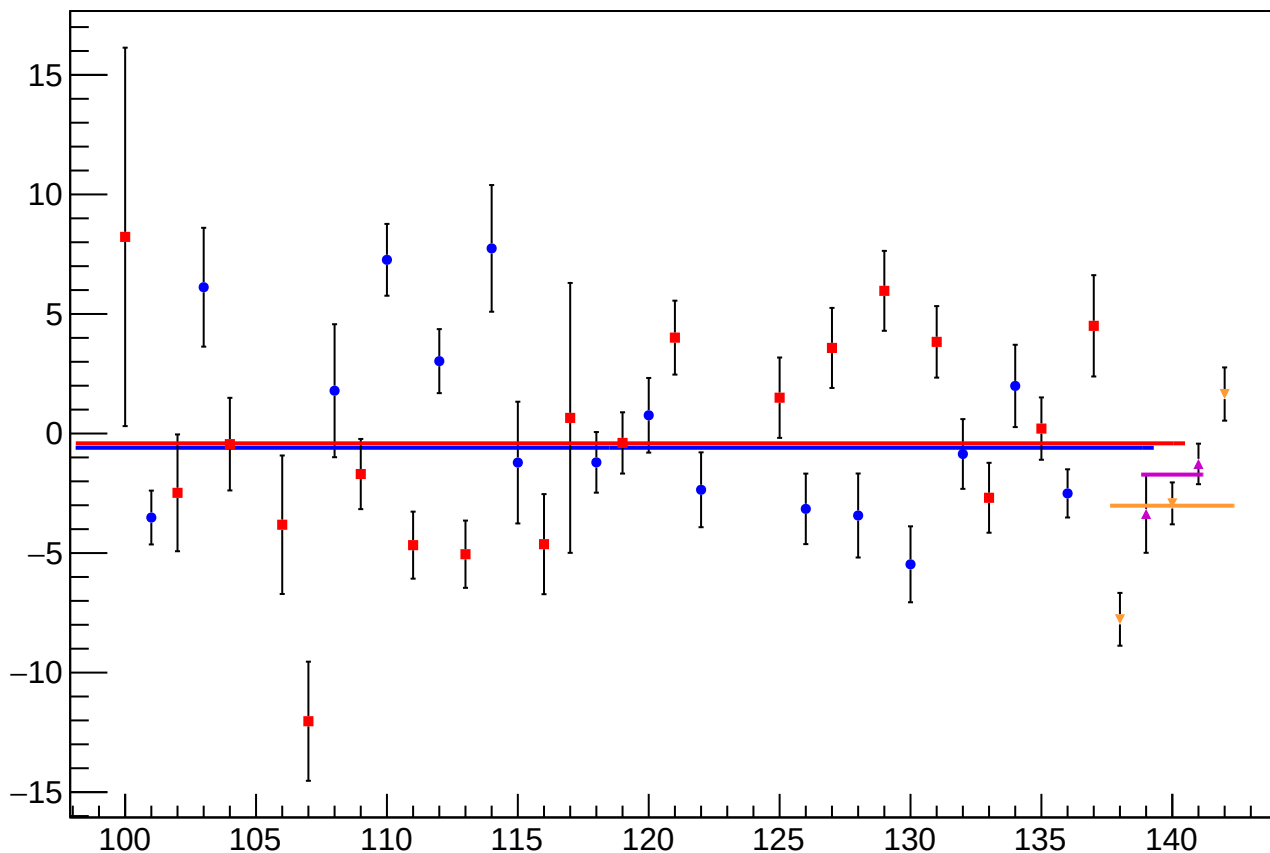
Left In: 52.241 ± 0.728 χ^2/NDF : 59.0/1

-47.184 ± 0.440 χ^2/NDF : 389.5/18

-0.666 ± 0.321 χ^2/NDF : 24645.7/39

52.331 ± 0.469 χ^2/NDF : 295.7/20

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

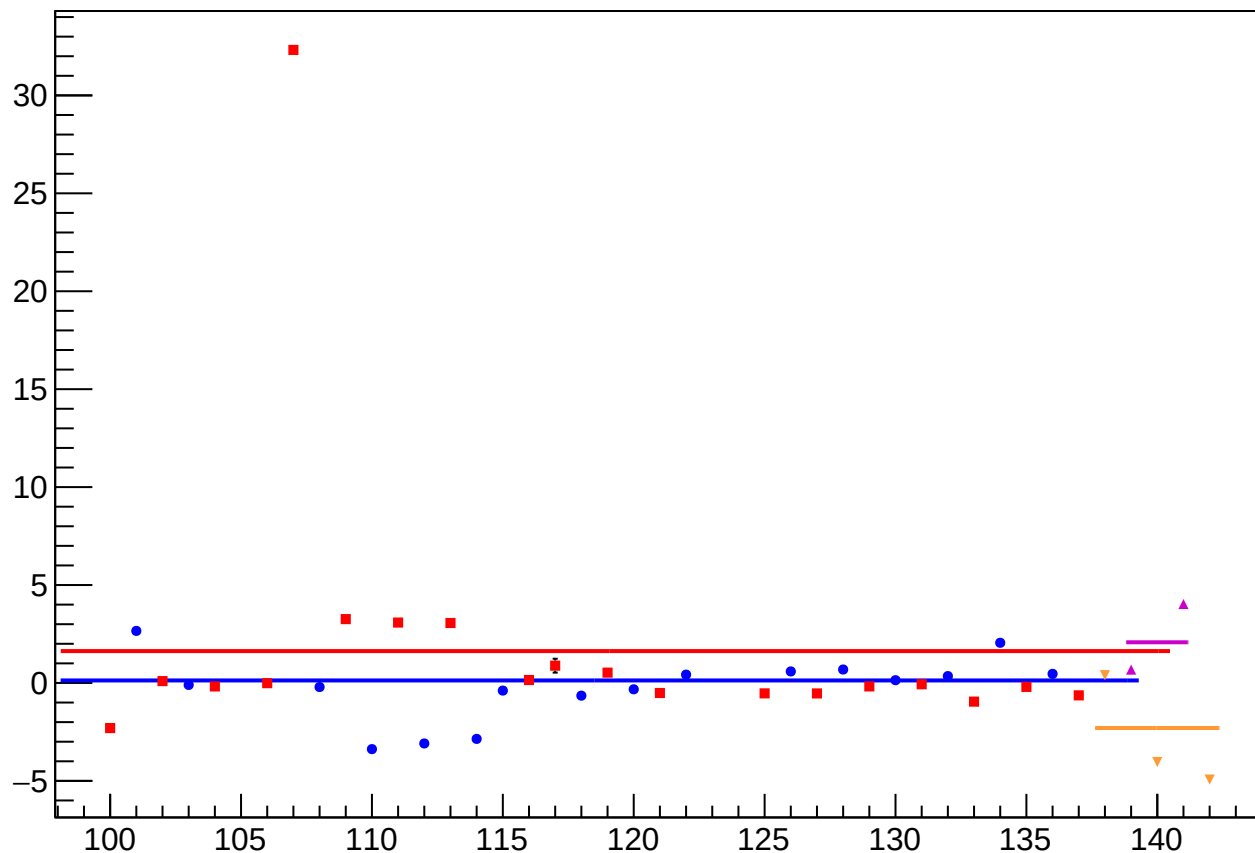
Left In: -1.718 ± 0.752 χ^2/NDF : 1.3/1

-1.326 ± 0.321 χ^2/NDF : 130.7/18

-1.041 ± 0.237 χ^2/NDF : 231.9/39

-0.698 ± 0.352 χ^2/NDF : 99.5/20

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 $\chi^2/\text{NDF}: 77883.0/18$

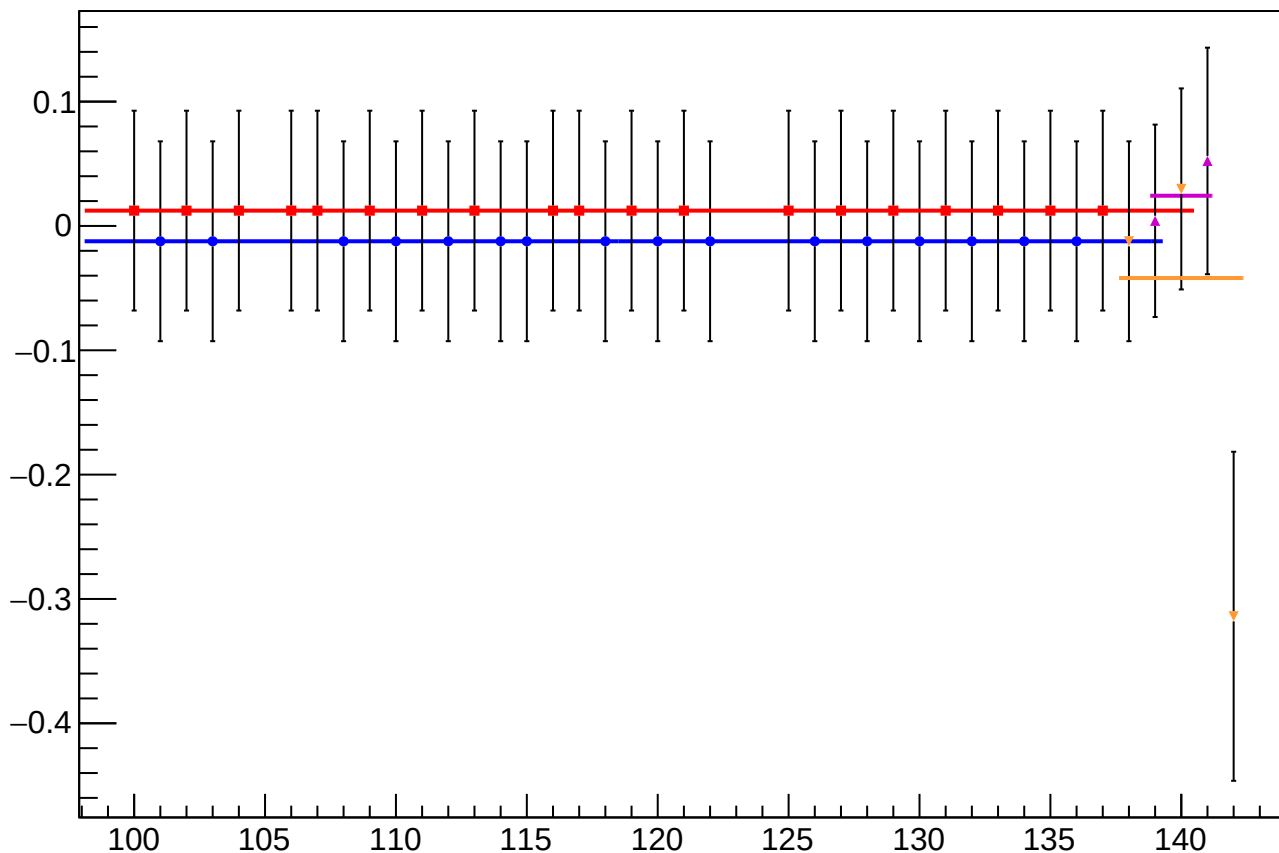
Left In: 2.076 ± 0.027 $\chi^2/\text{NDF}: 3668.9/1$

-0.861 ± 0.017 $\chi^2/\text{NDF}: 18643.0/18$

0.435 ± 0.012 $\chi^2/\text{NDF}: 112958.5/39$

1.803 ± 0.017 $\chi^2/\text{NDF}: 81717.0/20$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.020 χ^2/NDF : 0.0/15

Left Out: -0.042 ± 0.052 χ^2/NDF : 5.1/2

Right Out: 0.012 ± 0.018 χ^2/NDF : 0.0/18

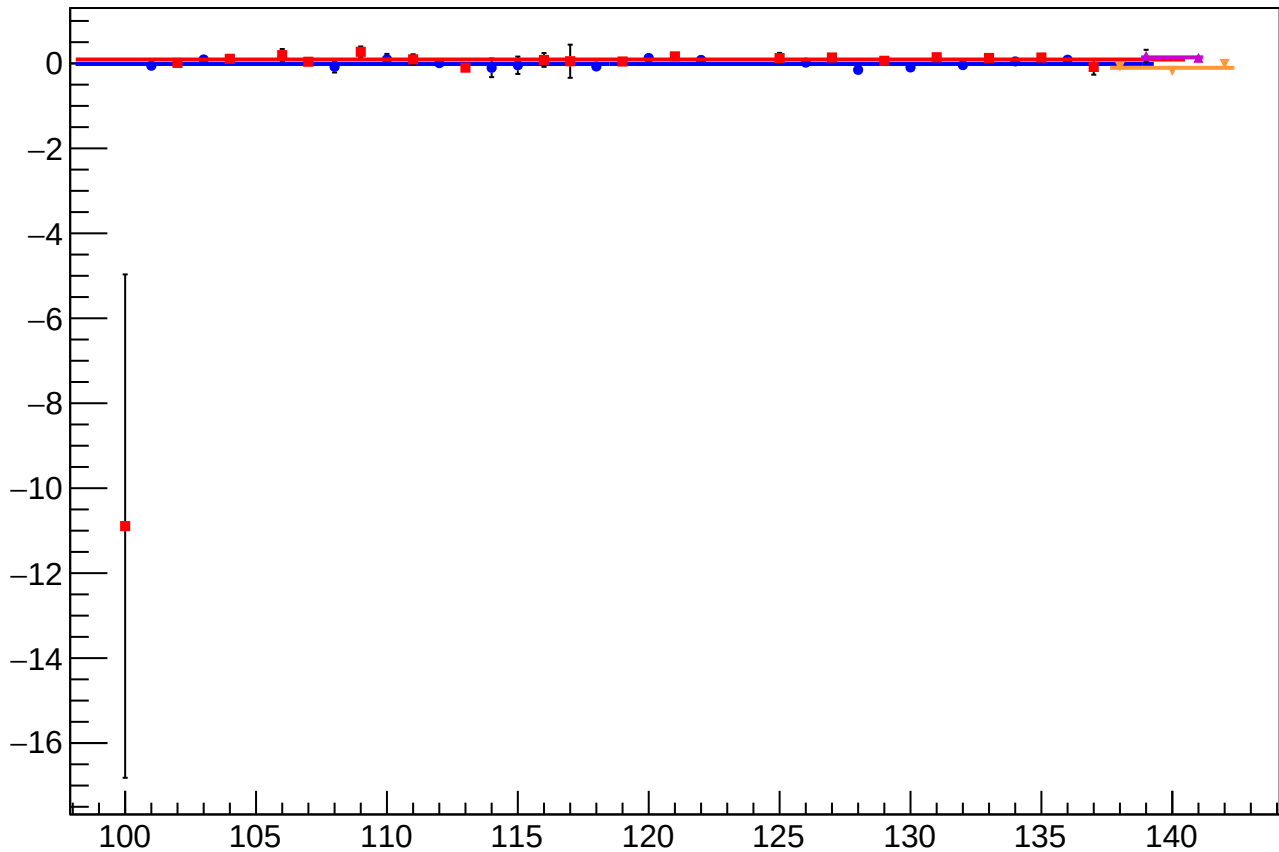
Left In: 0.024 ± 0.059 χ^2/NDF : 0.2/1

-0.016 ± 0.019 χ^2/NDF : 5.4/18

-0.000 ± 0.013 χ^2/NDF : 6.9/39

0.013 ± 0.018 χ^2/NDF : 0.2/20

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.103 ± 0.045 χ^2/NDF : 2.5/2

Right Out: 0.092 ± 0.025 χ^2/NDF : 12.7/18

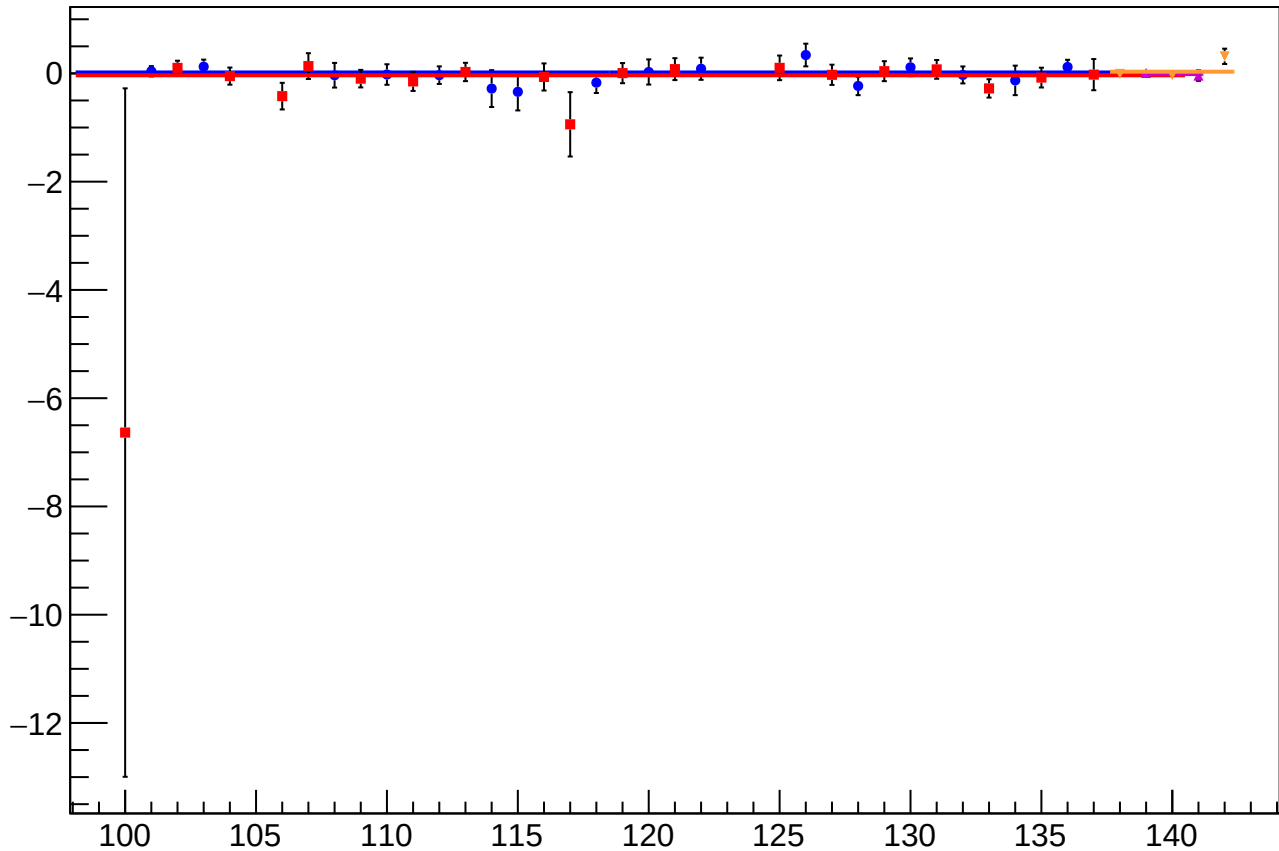
Left In: 0.142 ± 0.059 χ^2/NDF : 0.1/1

-0.032 ± 0.021 χ^2/NDF : 17.9/18

0.027 ± 0.015 χ^2/NDF : 49.6/39

0.099 ± 0.023 χ^2/NDF : 13.4/20

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

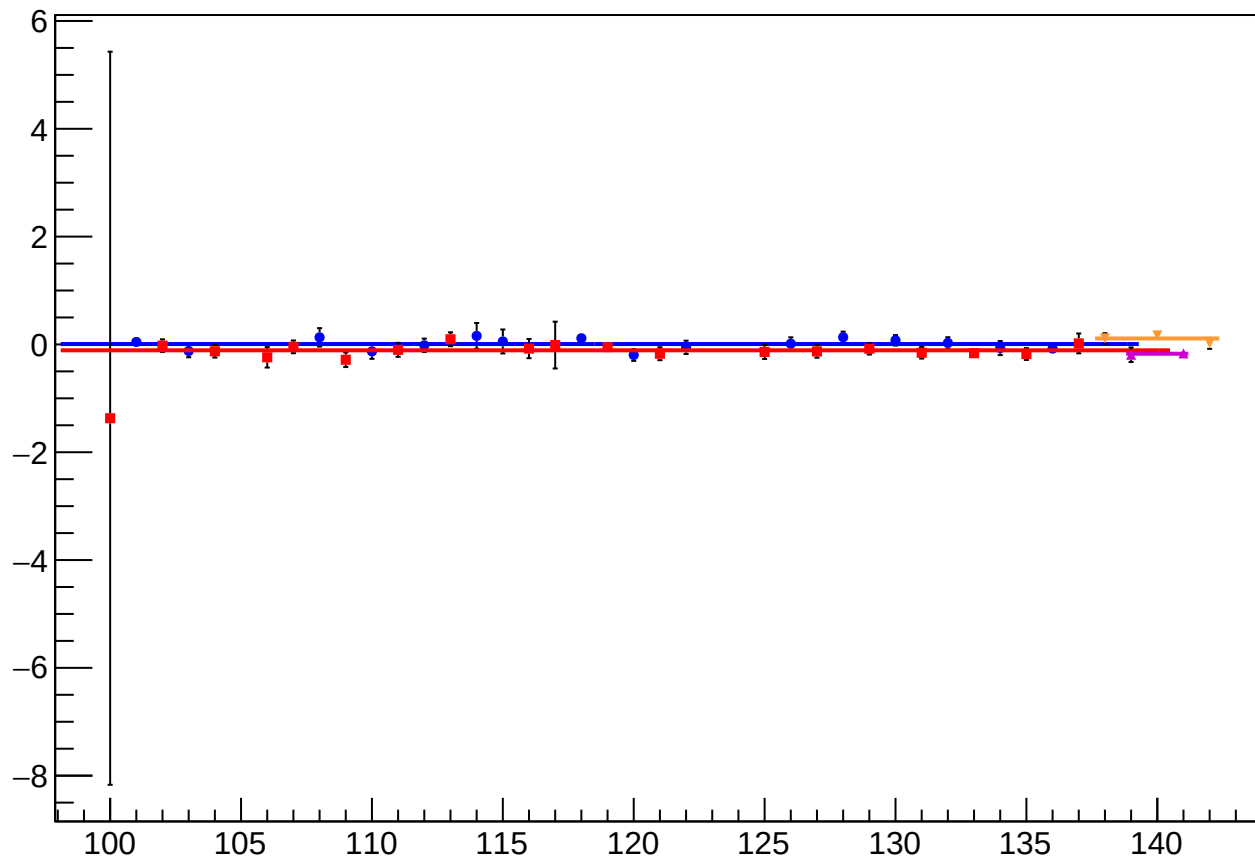
Left In: -0.013 ± 0.063 χ^2/NDF : 0.1/1

0.023 ± 0.034 χ^2/NDF : 14.5/18

-0.001 ± 0.025 χ^2/NDF : 27.2/39

-0.027 ± 0.037 χ^2/NDF : 11.8/20

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

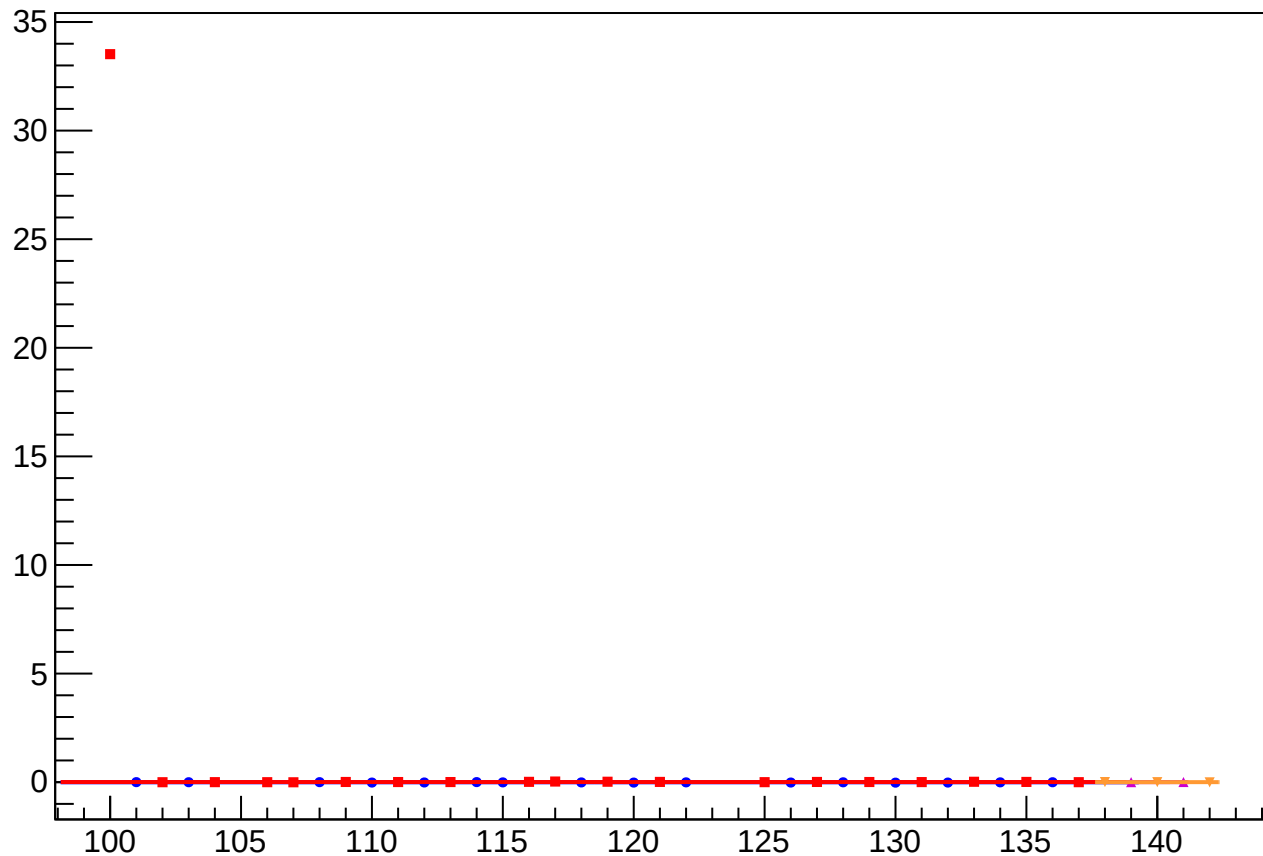
Left In: -0.173 ± 0.068 χ^2/NDF : 0.0/1

0.028 ± 0.024 χ^2/NDF : 16.5/18

-0.038 ± 0.018 χ^2/NDF : 42.4/39

-0.119 ± 0.026 χ^2/NDF : 8.8/20

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005+/-0.001 χ^2/NDF : 22.6/15

Left Out: 0.001+/-0.002 χ^2/NDF : 4.0/2

Right Out: 0.006+/-0.001 χ^2/NDF : 26509.7/18

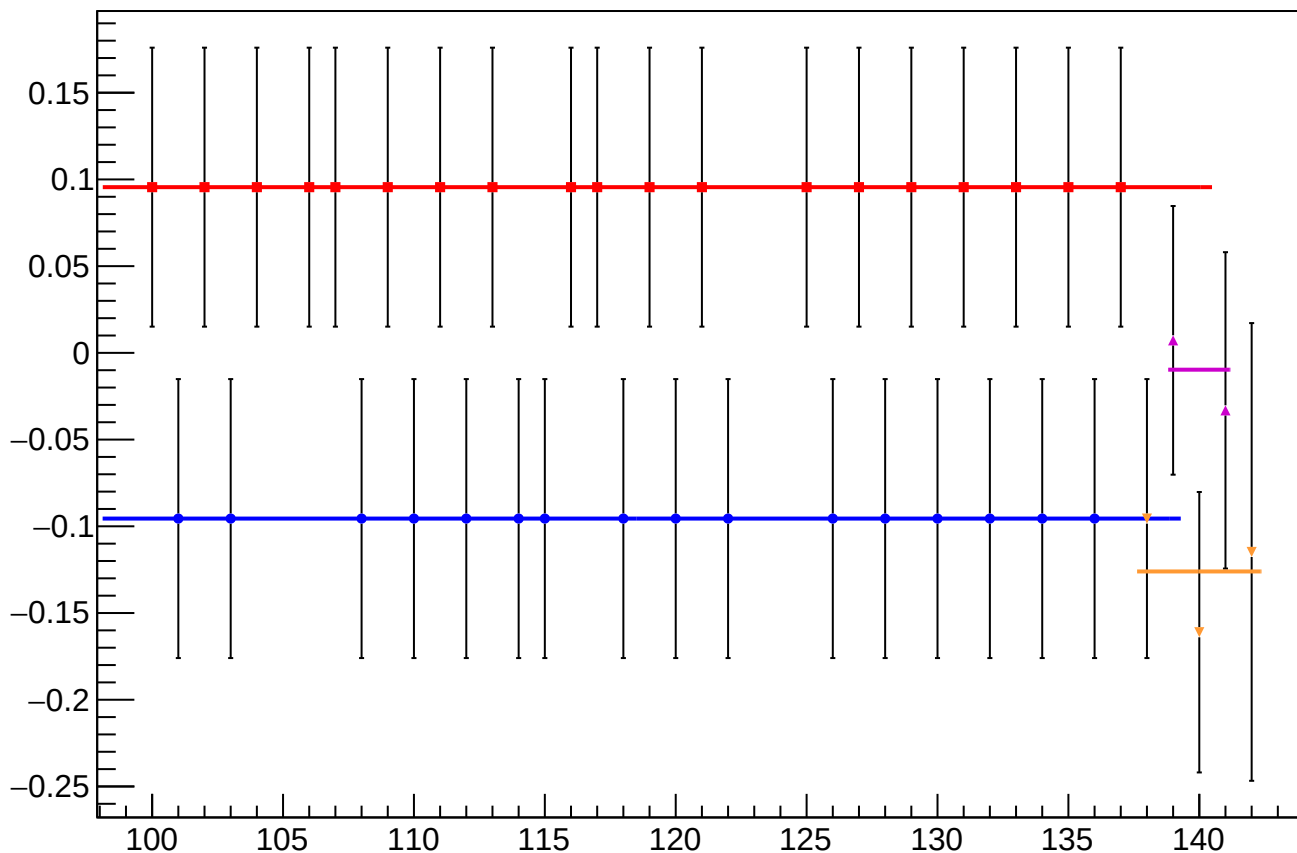
Left In: 0.003+/-0.002 χ^2/NDF : 1.6/1

-0.004+/-0.001 χ^2/NDF : 32.8/18

0.001+/-0.001 χ^2/NDF : 26570.2/39

0.005+/-0.001 χ^2/NDF : 26512.2/20

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.096 ± 0.020 χ^2/NDF : 0.0/15

Left Out: -0.126 ± 0.052 χ^2/NDF : 0.3/2

Right Out: 0.096 ± 0.018 χ^2/NDF : 0.0/18

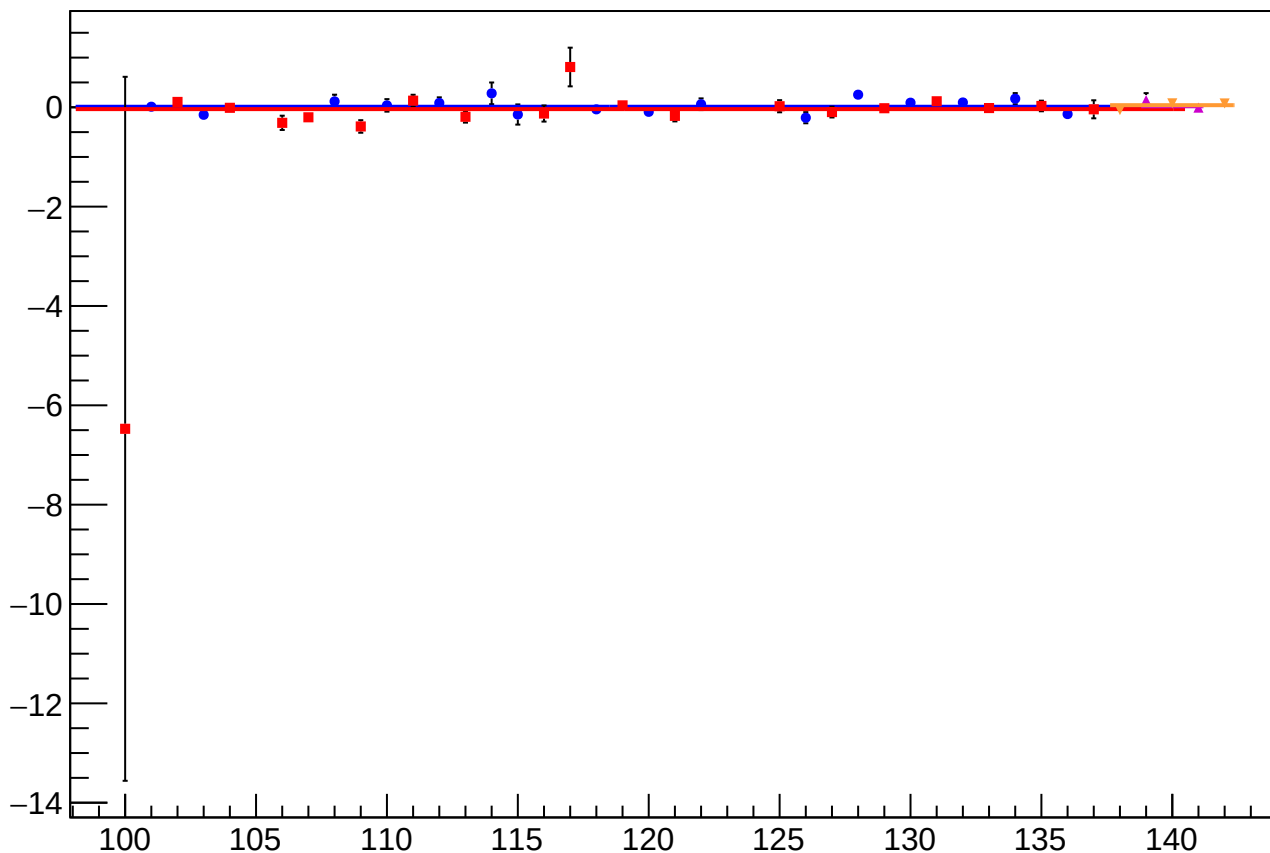
Left In: -0.010 ± 0.059 χ^2/NDF : 0.1/1

-0.099 ± 0.019 χ^2/NDF : 0.6/18

-0.001 ± 0.013 χ^2/NDF : 55.7/39

0.086 ± 0.018 χ^2/NDF : 3.0/20

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

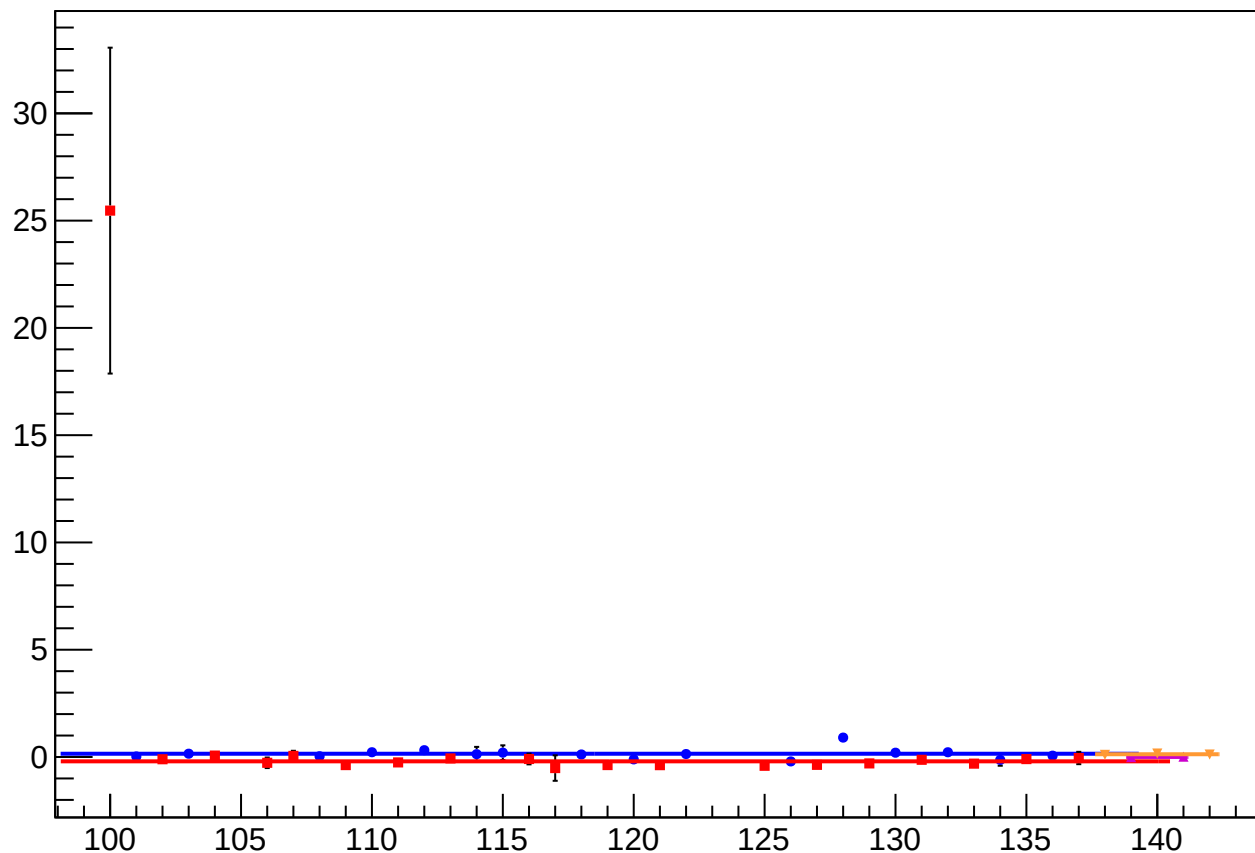
Left In: 0.020 $\pm$ 0.059 χ^2 /NDF:1.0/1

0.017 $\pm$ 0.021 χ^2 /NDF: 27.6/18

-0.003 $\pm$ 0.015 χ^2 /NDF: 64.3/39

-0.028 $\pm$ 0.023 χ^2 /NDF: 34.4/20

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 28.7/15

Left Out: 0.129 $\pm$ 0.056 χ^2 /NDF: 0.3/2

Right Out: -0.202 $\pm$ 0.045 χ^2 /NDF: 23.2/18

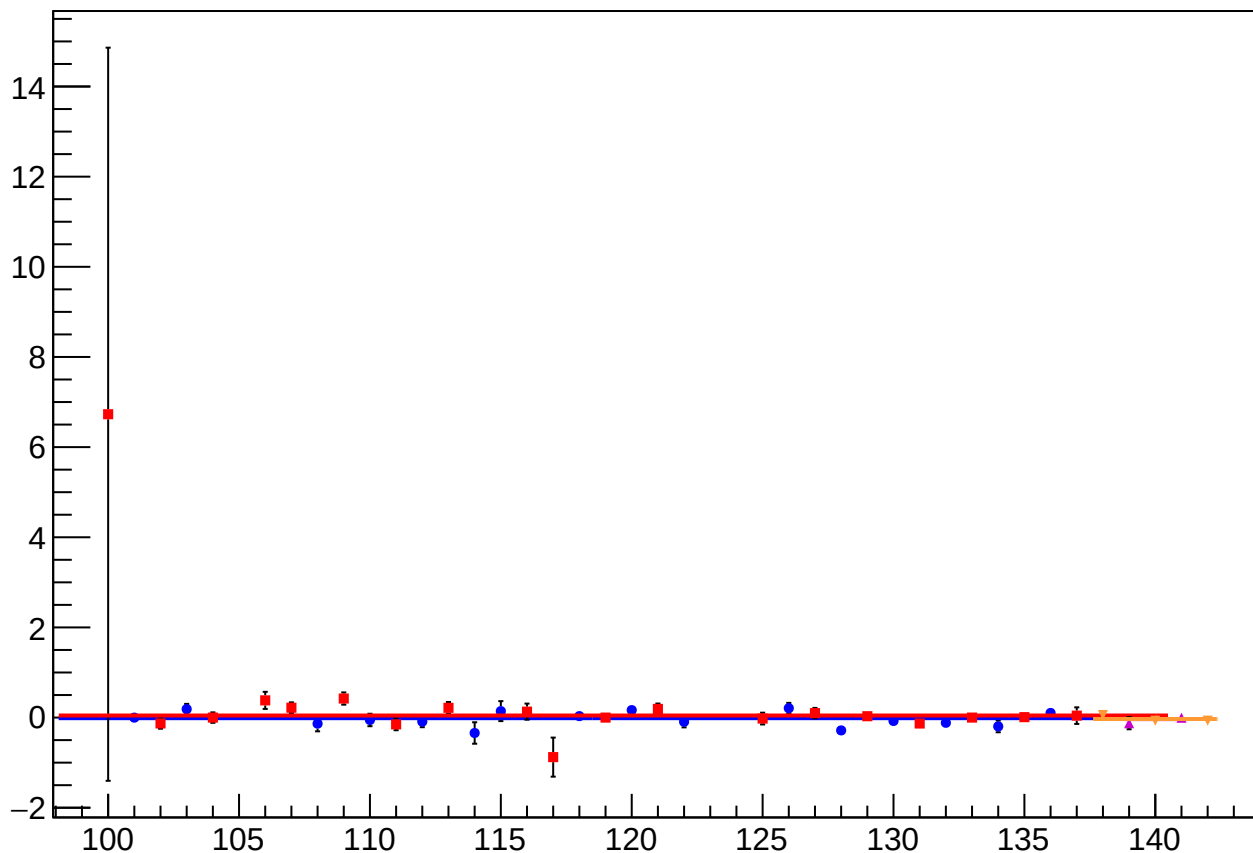
Left In: 0.003 $\pm$ 0.063 χ^2 /NDF: 0.0/1

0.143 $\pm$ 0.034 χ^2 /NDF: 29.1/18

0.015 $\pm$ 0.025 χ^2 /NDF: 90.0/39

-0.134 $\pm$ 0.037 χ^2 /NDF: 30.2/20

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

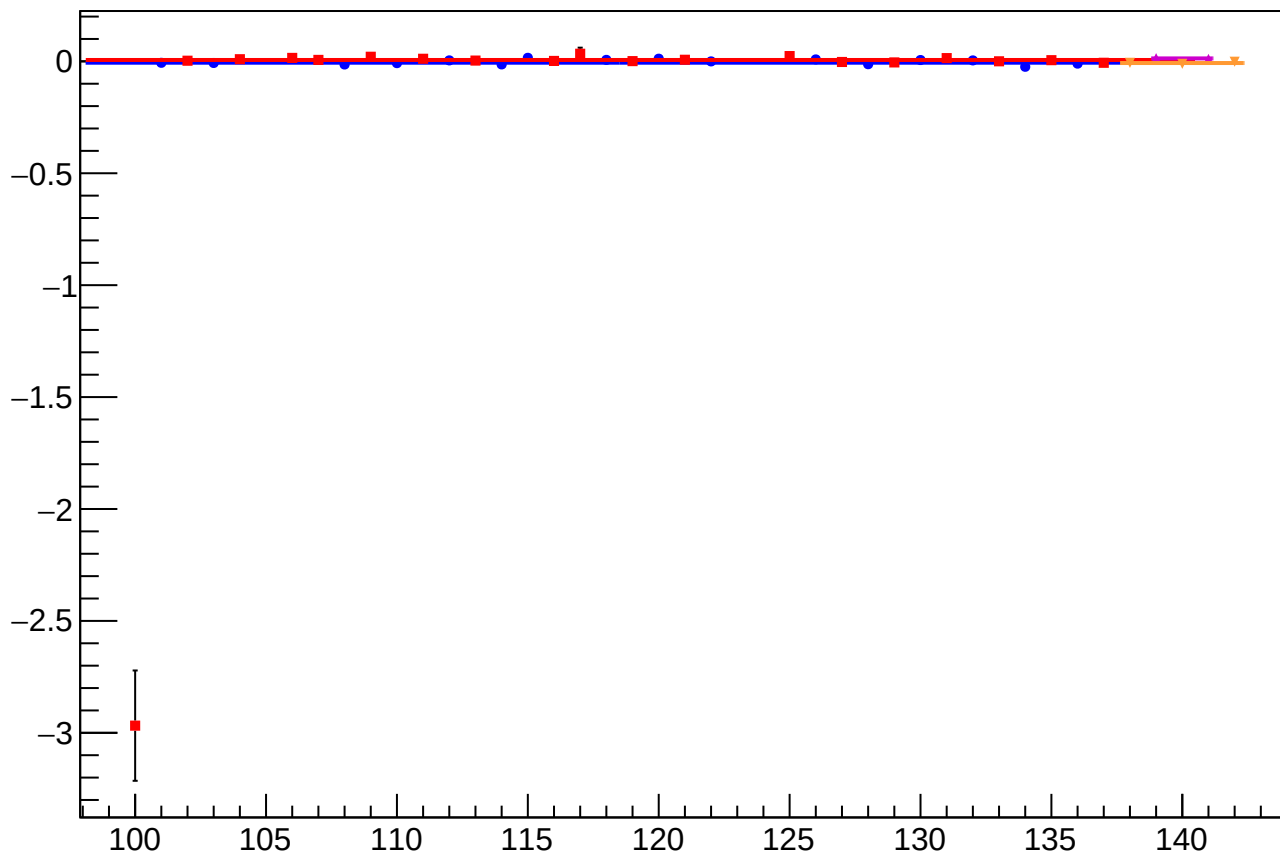
Left In: -0.034 ± 0.068 χ^2/NDF : 0.6/1

-0.017 ± 0.024 χ^2/NDF : 26.4/18

0.006 ± 0.018 χ^2/NDF : 60.6/39

0.034 ± 0.026 χ^2/NDF : 32.1/20

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.008 ± 0.002 χ^2/NDF : 2.0/2

Right Out: 0.006 ± 0.001 χ^2/NDF : 166.9/18

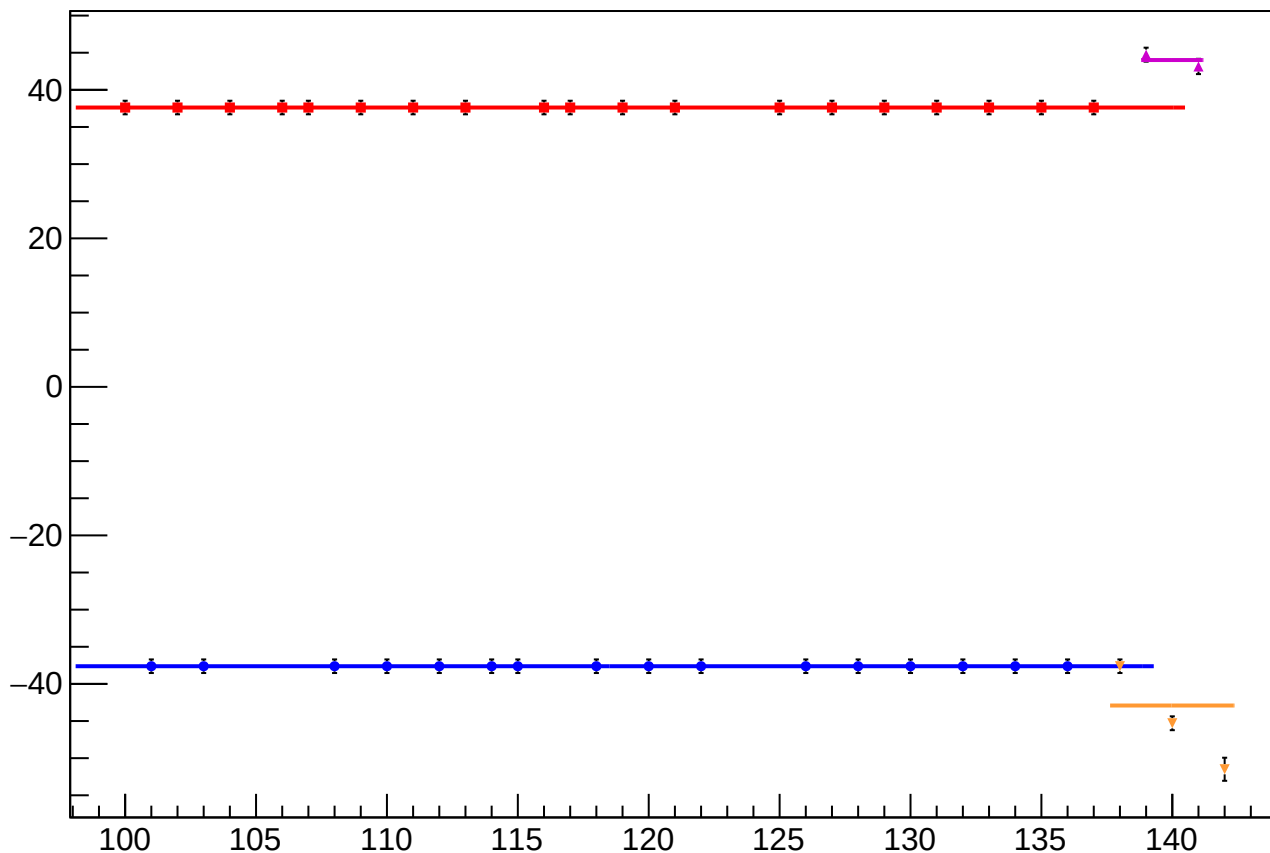
Left In: 0.013 ± 0.002 χ^2/NDF : 0.5/1

-0.006 ± 0.001 χ^2/NDF : 31.3/18

0.001 ± 0.001 χ^2/NDF : 274.1/39

0.008 ± 0.001 χ^2/NDF : 173.7/20

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.618 ± 0.229 χ^2/NDF : 0.0/15

Left Out: -42.910 ± 0.603 χ^2/NDF : 70.4/2

Right Out: 37.618 ± 0.210 χ^2/NDF : 0.0/18

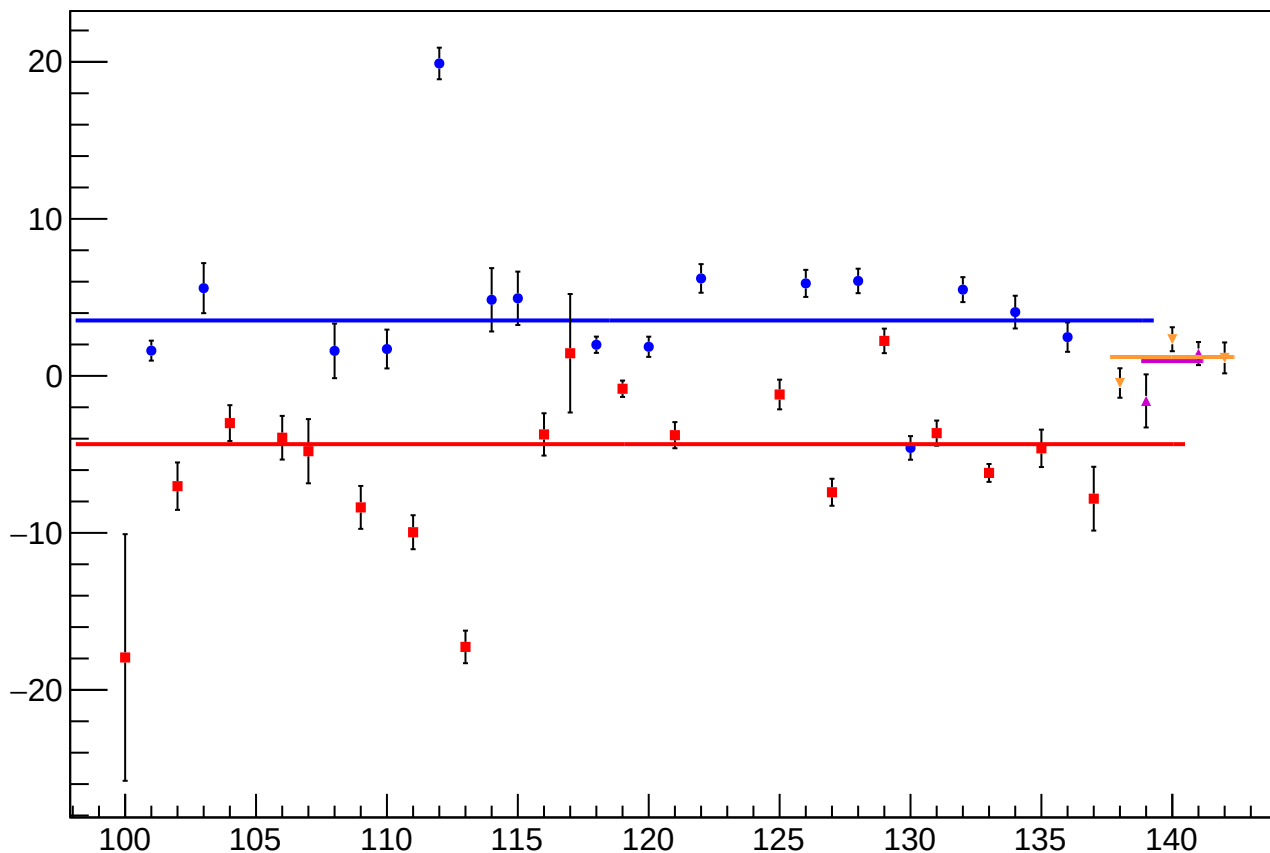
Left In: 44.015 ± 0.695 χ^2/NDF : 1.3/1

-38.287 ± 0.214 χ^2/NDF : 137.8/18

2.306 ± 0.147 χ^2/NDF : 67880.3/39

38.154 ± 0.201 χ^2/NDF : 78.8/20

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 1.203 ± 0.508 $\chi^2/\text{NDF}: 5.3/2$

Right Out: -4.349 ± 0.225 $\chi^2/\text{NDF}: 356.2/18$

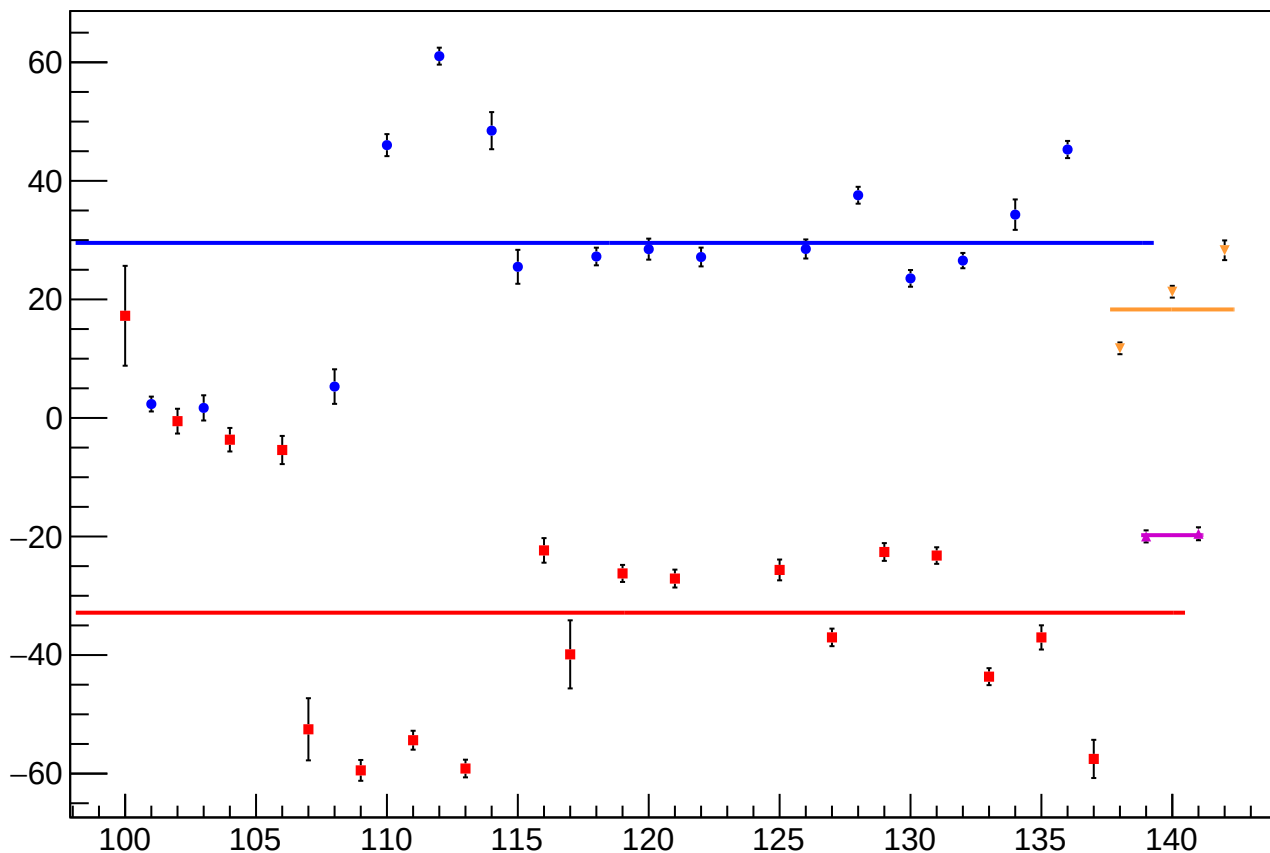
Left In: 0.941 ± 0.674 $\chi^2/\text{NDF}: 2.7/1$

3.169 ± 0.200 $\chi^2/\text{NDF}: 469.6/18$

-0.095 ± 0.146 $\chi^2/\text{NDF}: 1455.2/39$

-3.819 ± 0.213 $\chi^2/\text{NDF}: 414.2/20$

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

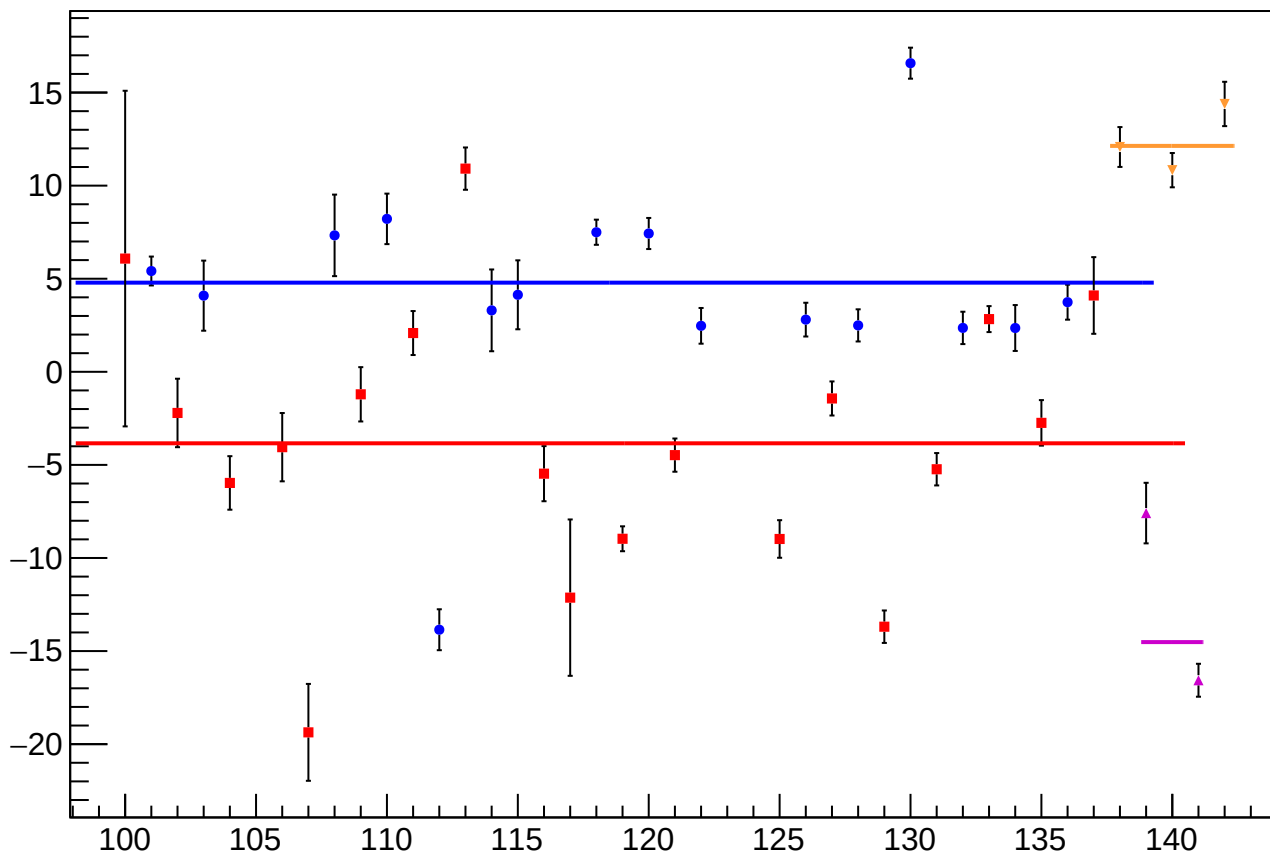
Left In: -19.774 +/- 0.747 χ^2/NDF : 0.1/1

26.243 +/- 0.350 χ^2/NDF : 1796.4/18

-0.413 +/- 0.254 χ^2/NDF : 15834.6/39

-29.693 +/- 0.367 χ^2/NDF : 1893.4/20

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.789 $\pm$ 0.251 χ^2 /NDF: 553.9/15

Left Out: 12.135 $\pm$ 0.602 χ^2 /NDF: 5.6/2

Right Out: -3.840 $\pm$ 0.258 χ^2 /NDF: 571.5/18

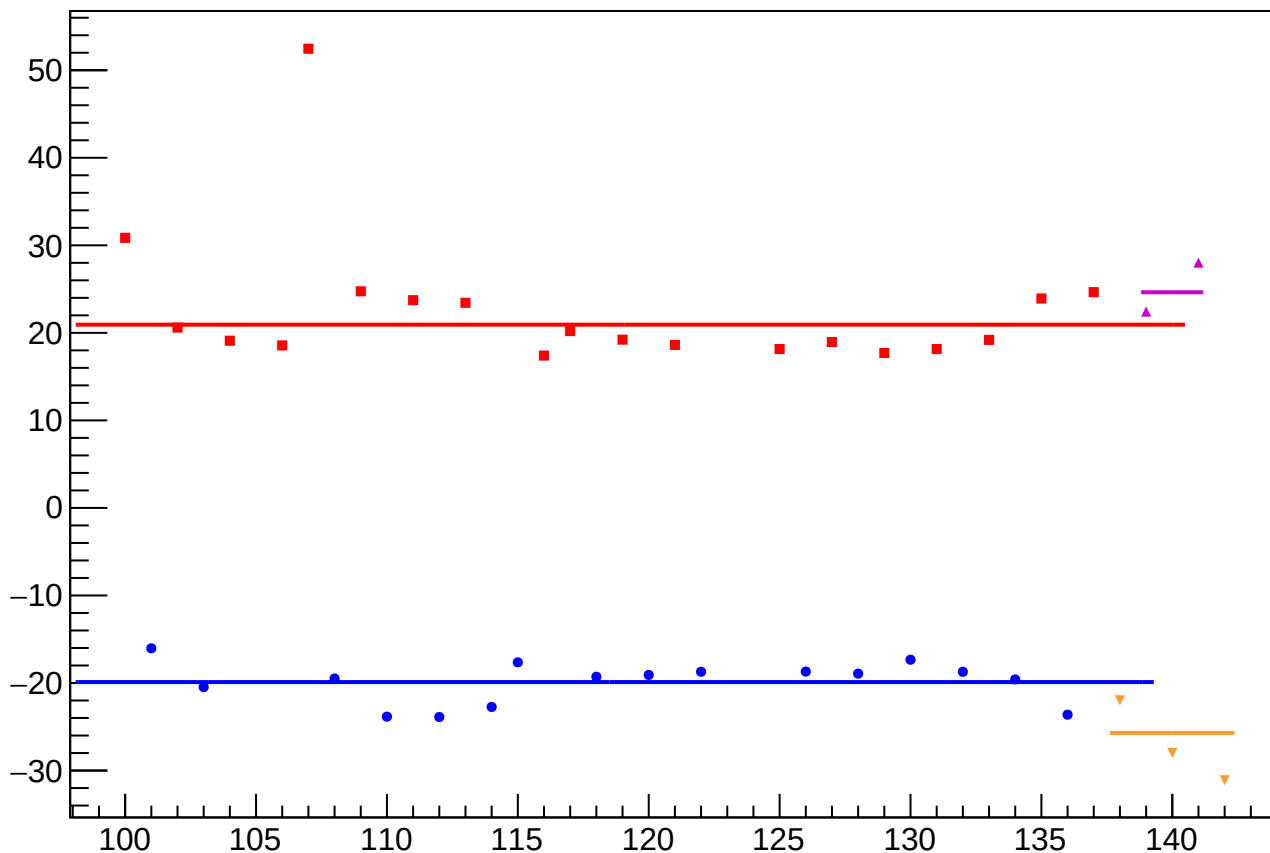
Left In: -14.518 $\pm$ 0.777 χ^2 /NDF: 23.5/1

5.877 $\pm$ 0.232 χ^2 /NDF: 686.2/18

0.788 $\pm$ 0.168 χ^2 /NDF: 2471.8/39

-4.903 $\pm$ 0.245 χ^2 /NDF: 765.0/20

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

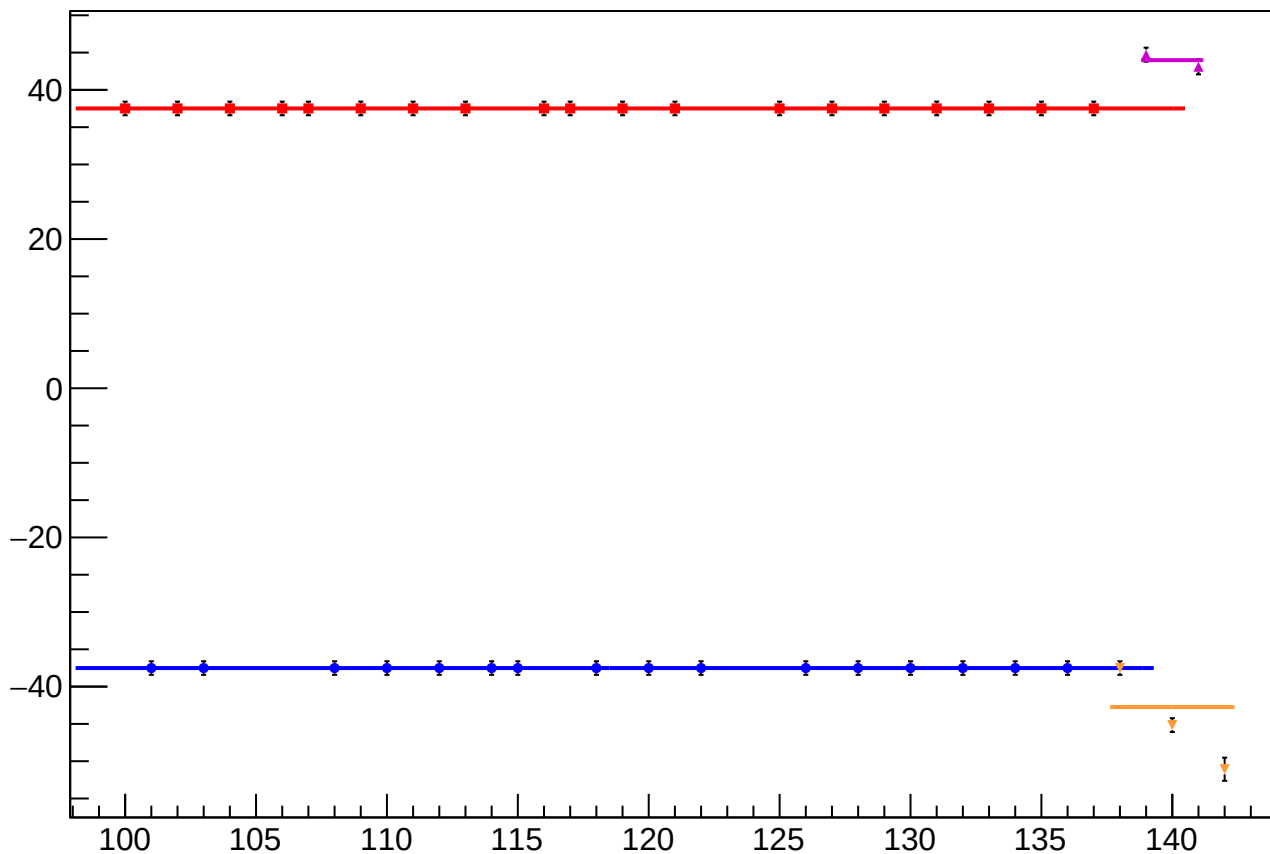
Left In: 24.637 ± 0.028 χ^2/NDF : 9648.3/1

-21.374 ± 0.013 χ^2/NDF : 79900.5/18

-0.128 ± 0.010 χ^2/NDF : 5278524.4/39

21.827 ± 0.014 χ^2/NDF : 117140.7/20

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.512 $\pm$ 0.229 χ^2/NDF : 0.0/15

Left Out: -42.742 $\pm$ 0.602 χ^2/NDF : 68.1/2

Right Out: 37.512 $\pm$ 0.210 χ^2/NDF : 0.0/18

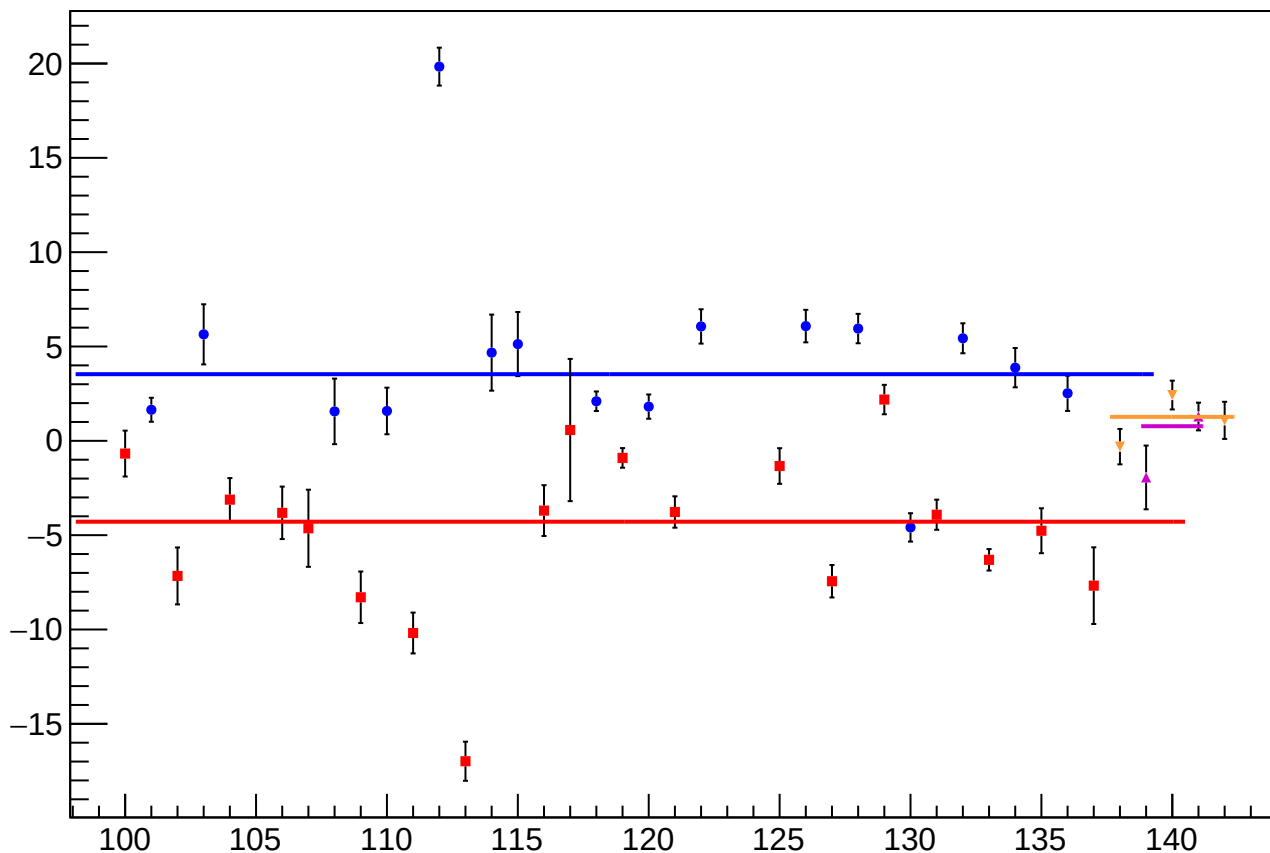
Left In: 43.985 $\pm$ 0.695 χ^2/NDF : 1.3/1

-38.173 $\pm$ 0.214 χ^2/NDF : 134.0/18

2.307 $\pm$ 0.147 χ^2/NDF : 67572.9/39

38.055 $\pm$ 0.201 χ^2/NDF : 80.8/20

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 $\chi^2/\text{NDF}: 354.5/18$

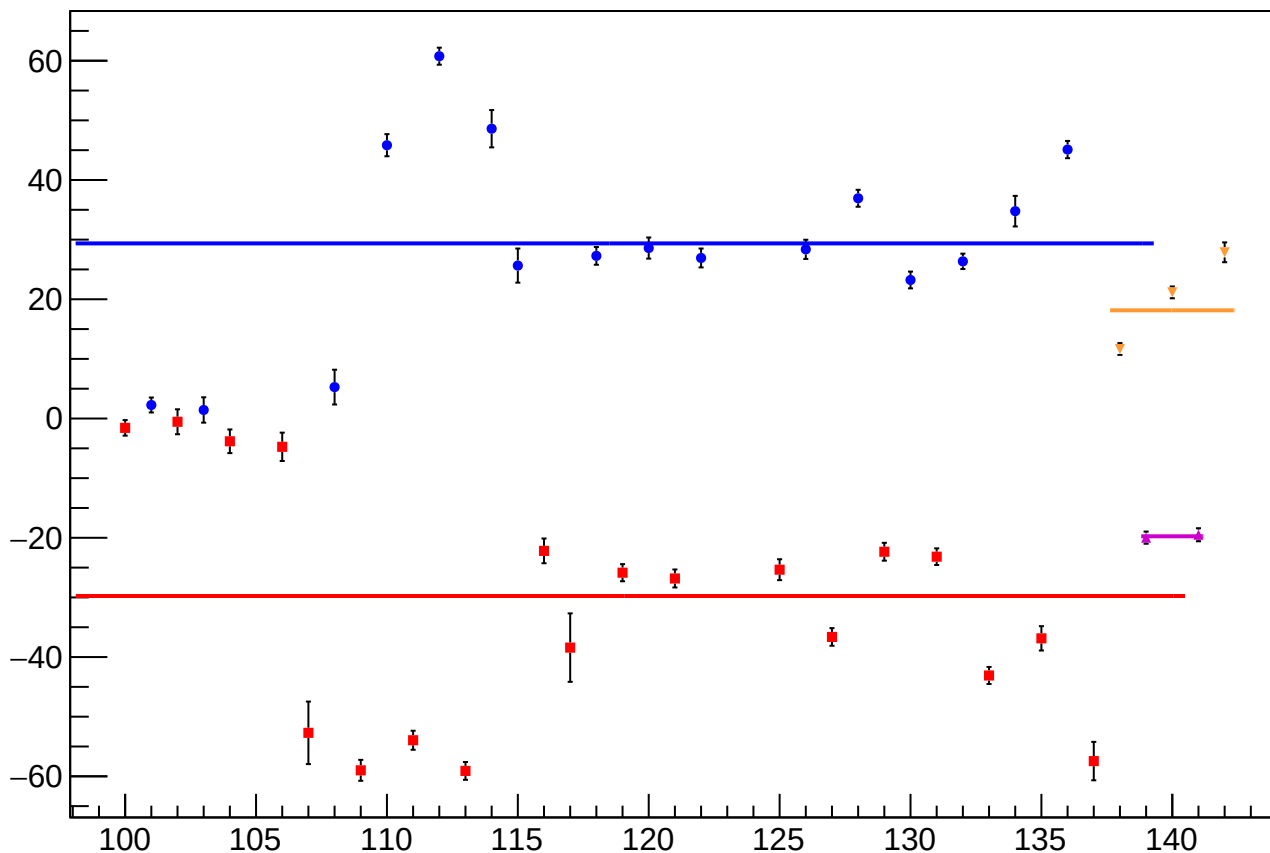
Left In: 0.776 ± 0.674 $\chi^2/\text{NDF}: 3.1/1$

3.182 ± 0.200 $\chi^2/\text{NDF}: 465.2/18$

-0.128 ± 0.145 $\chi^2/\text{NDF}: 1452.8/39$

-3.794 ± 0.210 $\chi^2/\text{NDF}: 408.5/20$

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

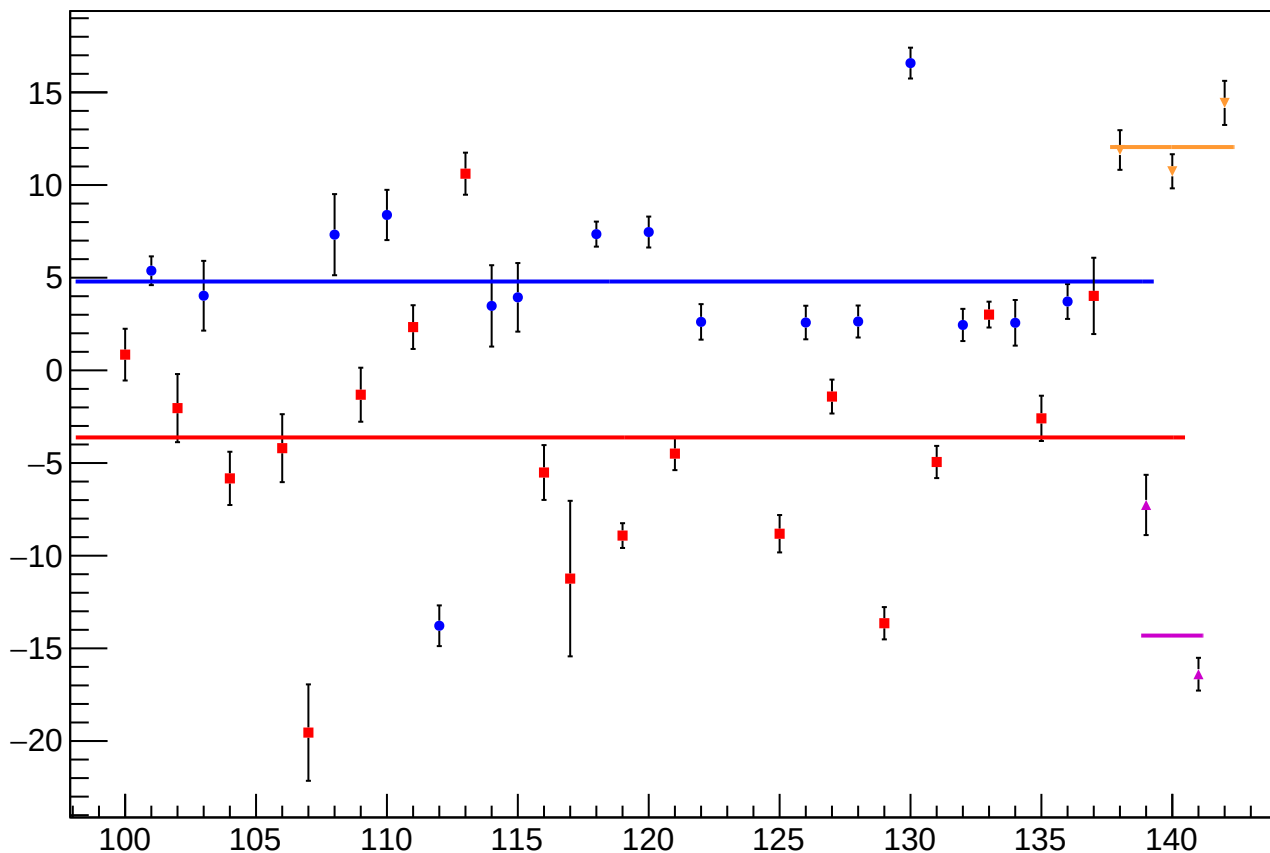
Left In: -19.750 $\pm$ 0.746 χ^2/NDF : 0.1/1

26.078 $\pm$ 0.350 χ^2/NDF : 1787.6/18

-0.460 $\pm$ 0.249 χ^2/NDF : 15657.9/39

-27.515 $\pm$ 0.354 χ^2/NDF : 2271.4/20

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.794 $\pm$ 0.251 χ^2/NDF : 550.0/15

Left Out: 12.049 $\pm$ 0.602 χ^2/NDF : 6.0/2

Right Out: -3.619 $\pm$ 0.254 χ^2/NDF : 576.6/18

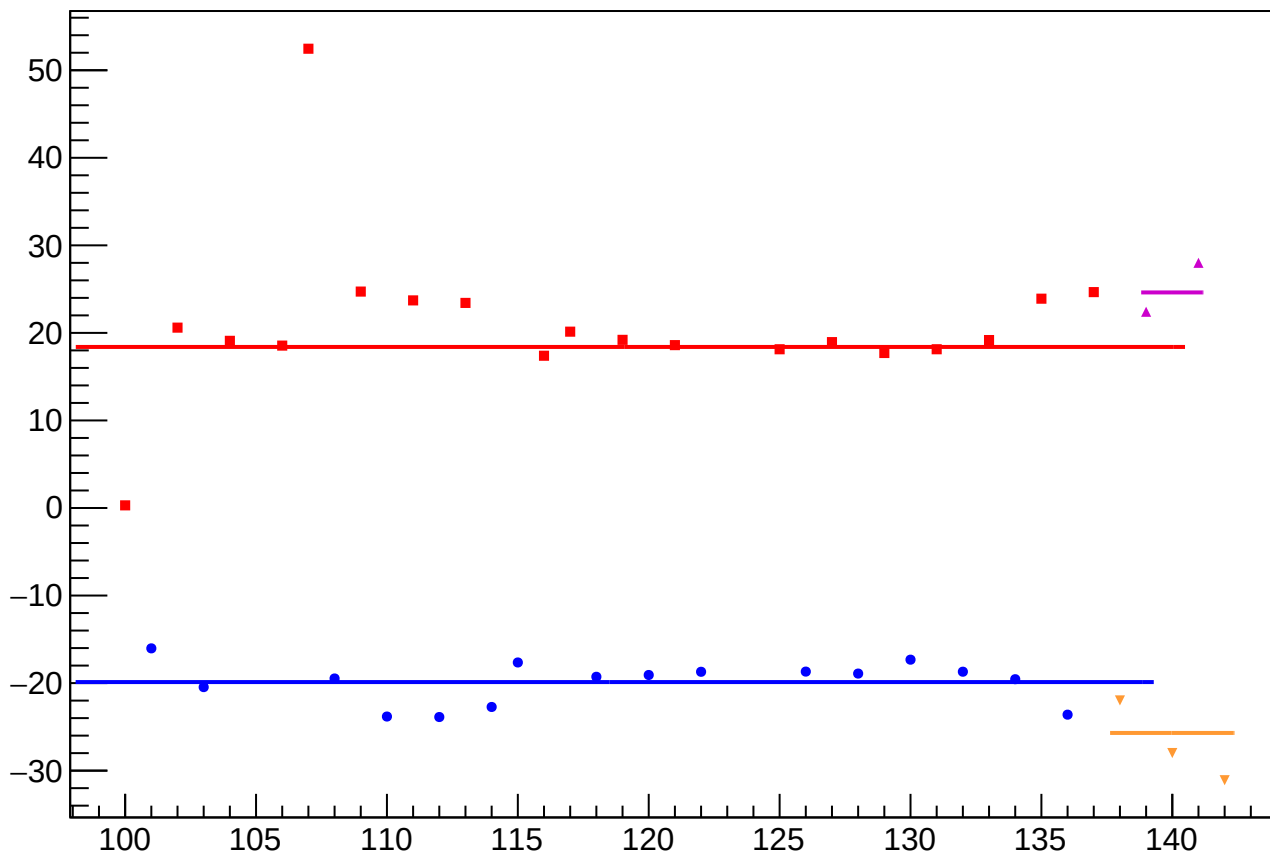
Left In: -14.310 $\pm$ 0.777 χ^2/NDF : 24.4/1

5.869 $\pm$ 0.232 χ^2/NDF : 679.7/18

0.824 $\pm$ 0.167 χ^2/NDF : 2440.6/39

-4.653 $\pm$ 0.241 χ^2/NDF : 772.2/20

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.883 $\pm$ 0.016 χ^2 /NDF: 26063.5/15

Left Out: -25.694 $\pm$ 0.027 χ^2 /NDF: 18388.1/2

Right Out: 18.395 $\pm$ 0.015 χ^2 /NDF: 301292.0/18

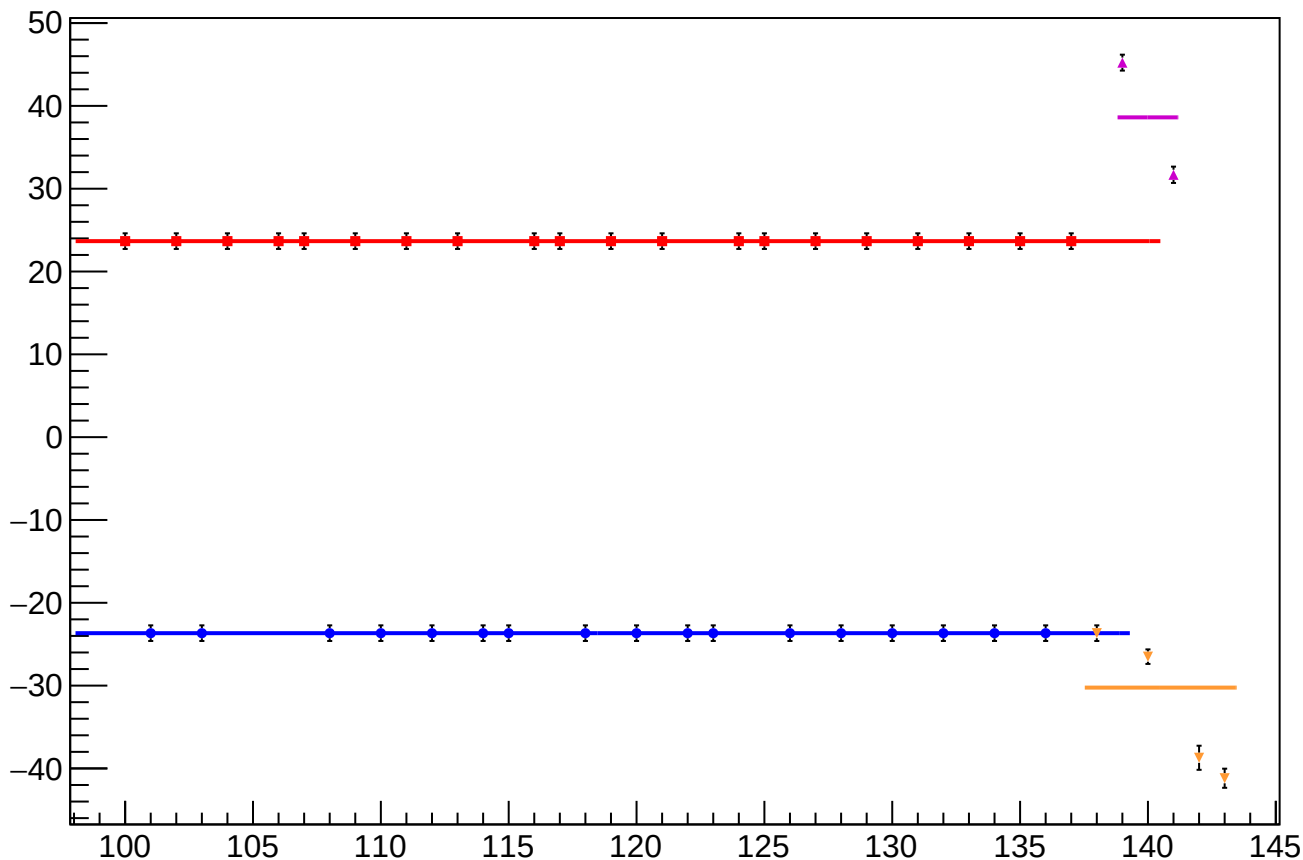
Left In: 24.621 $\pm$ 0.028 χ^2 /NDF: 9649.0/1

-21.363 $\pm$ 0.013 χ^2 /NDF: 79981.0/18

-0.143 $\pm$ 0.009 χ^2 /NDF: 5266780.7/39

19.757 $\pm$ 0.013 χ^2 /NDF: 350088.9/20

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.668 ± 0.229 χ^2/NDF : 0.0/16

Left Out: -30.240 ± 0.524 χ^2/NDF : 190.3/3

Right Out: 23.668 ± 0.211 χ^2/NDF : 0.0/19

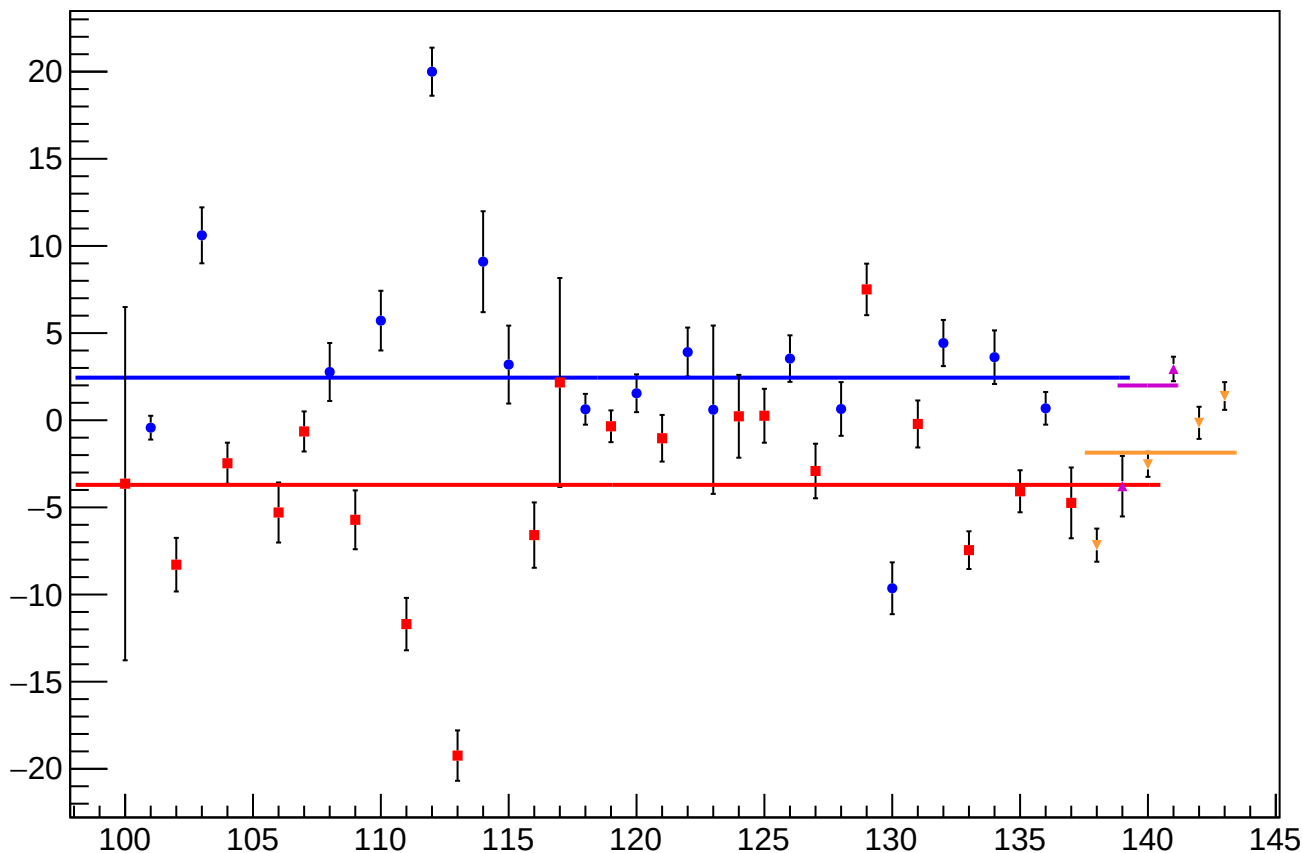
Left In: 38.613 ± 0.688 χ^2/NDF : 96.7/1

-24.722 ± 0.210 χ^2/NDF : 322.3/20

1.081 ± 0.145 χ^2/NDF : 29949.3/42

24.954 ± 0.202 χ^2/NDF : 527.7/21

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: -1.861 ± 0.415 χ^2/NDF : 52.2/3

Right Out: -3.708 ± 0.326 χ^2/NDF : 270.1/19

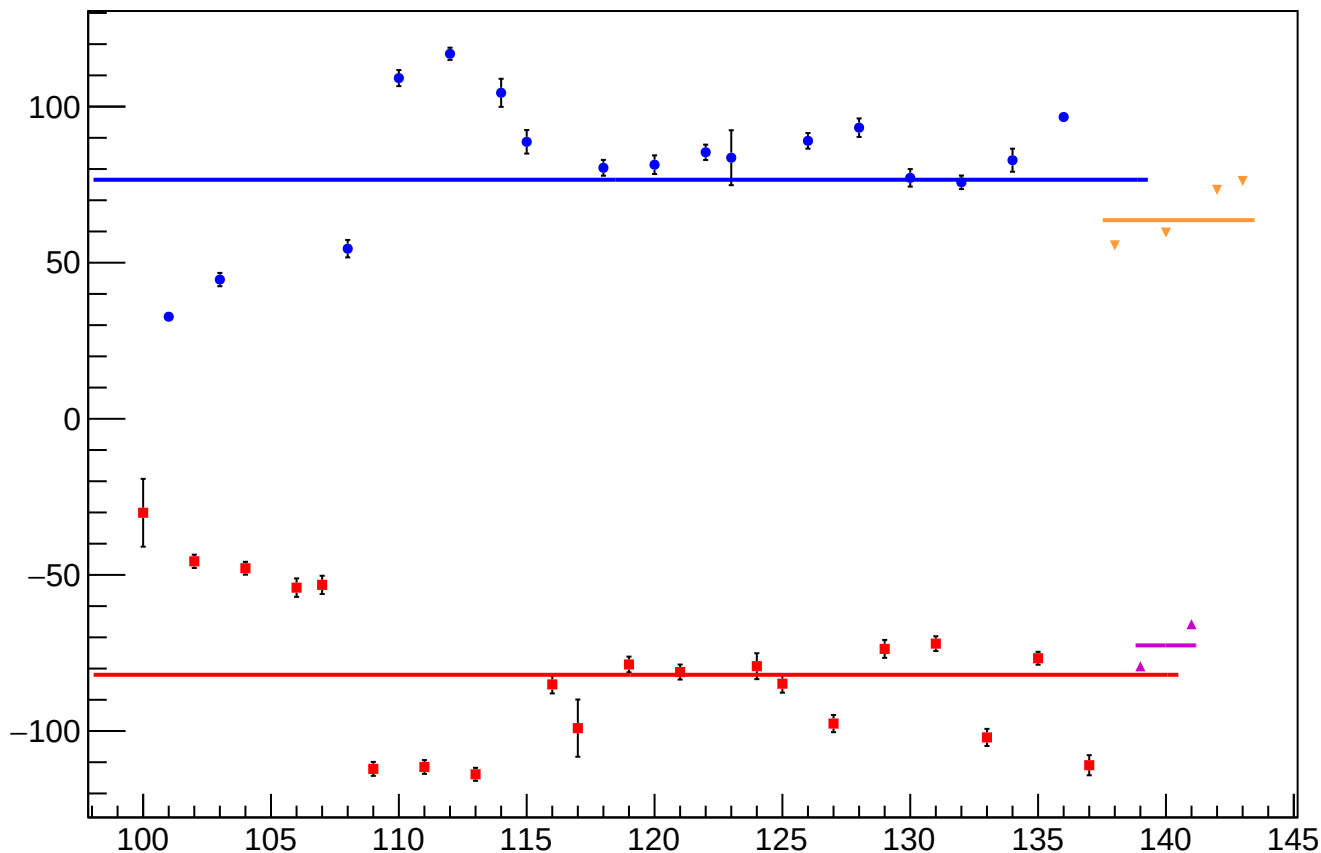
Left In: 1.994 ± 0.652 χ^2/NDF : 12.9/1

0.897 ± 0.249 χ^2/NDF : 416.3/20

-0.562 ± 0.189 χ^2/NDF : 841.9/42

-2.565 ± 0.292 χ^2/NDF : 344.1/21

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.572+/-0.573 χ^2/NDF : 2253.6/16

Left Out: 63.622+/-0.562 χ^2/NDF : 223.0/3

Right Out: -81.994+/-0.591 χ^2/NDF : 1574.1/19

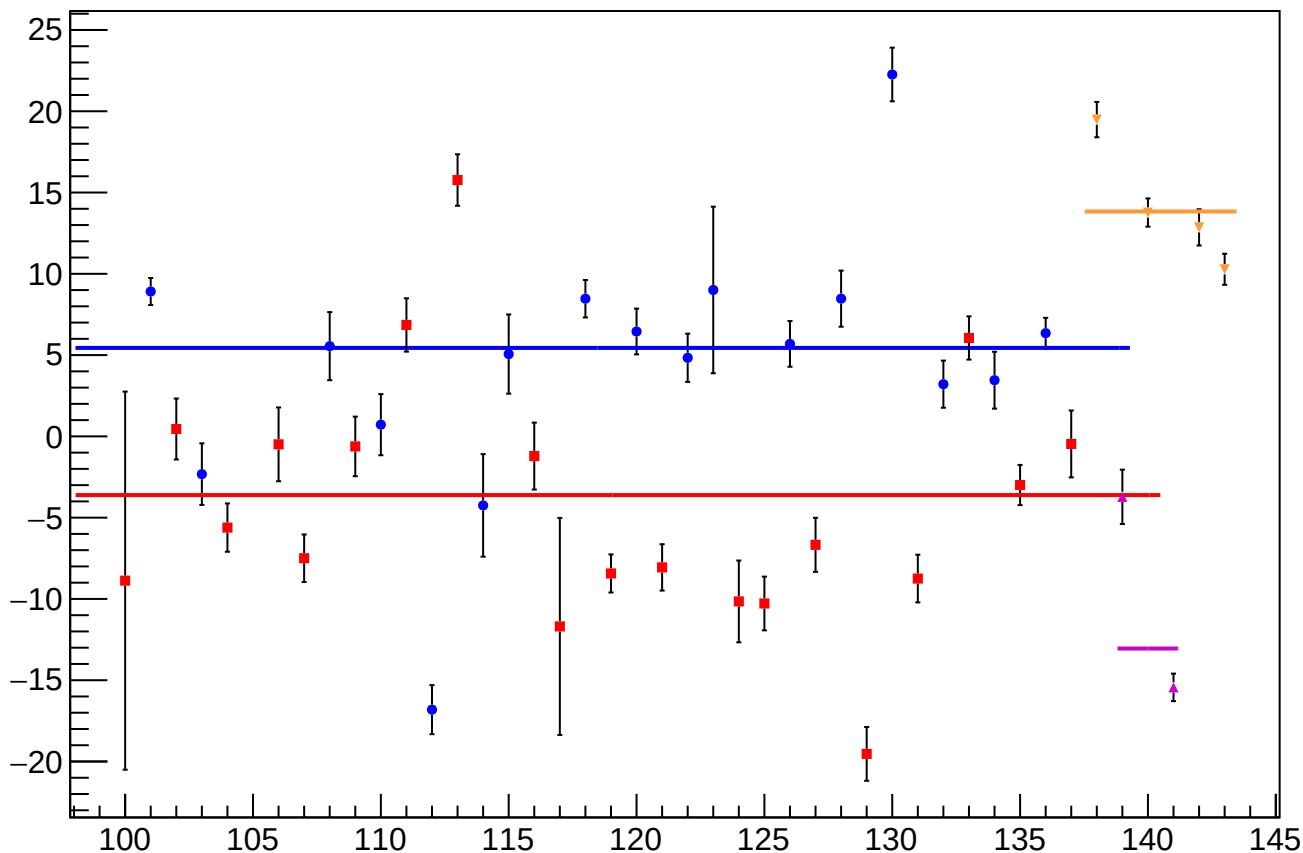
Left In: -72.576+/-0.738 χ^2/NDF : 83.4/1

69.966+/-0.401 χ^2/NDF : 2736.9/20

6.089+/-0.303 χ^2/NDF : 63322.9/42

-78.319+/-0.461 χ^2/NDF : 1756.6/21

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.442 $\pm$ 0.357 χ^2/NDF : 387.5/16

Left Out: 13.835 $\pm$ 0.496 χ^2/NDF : 41.6/3

Right Out: -3.611 $\pm$ 0.375 χ^2/NDF : 424.7/19

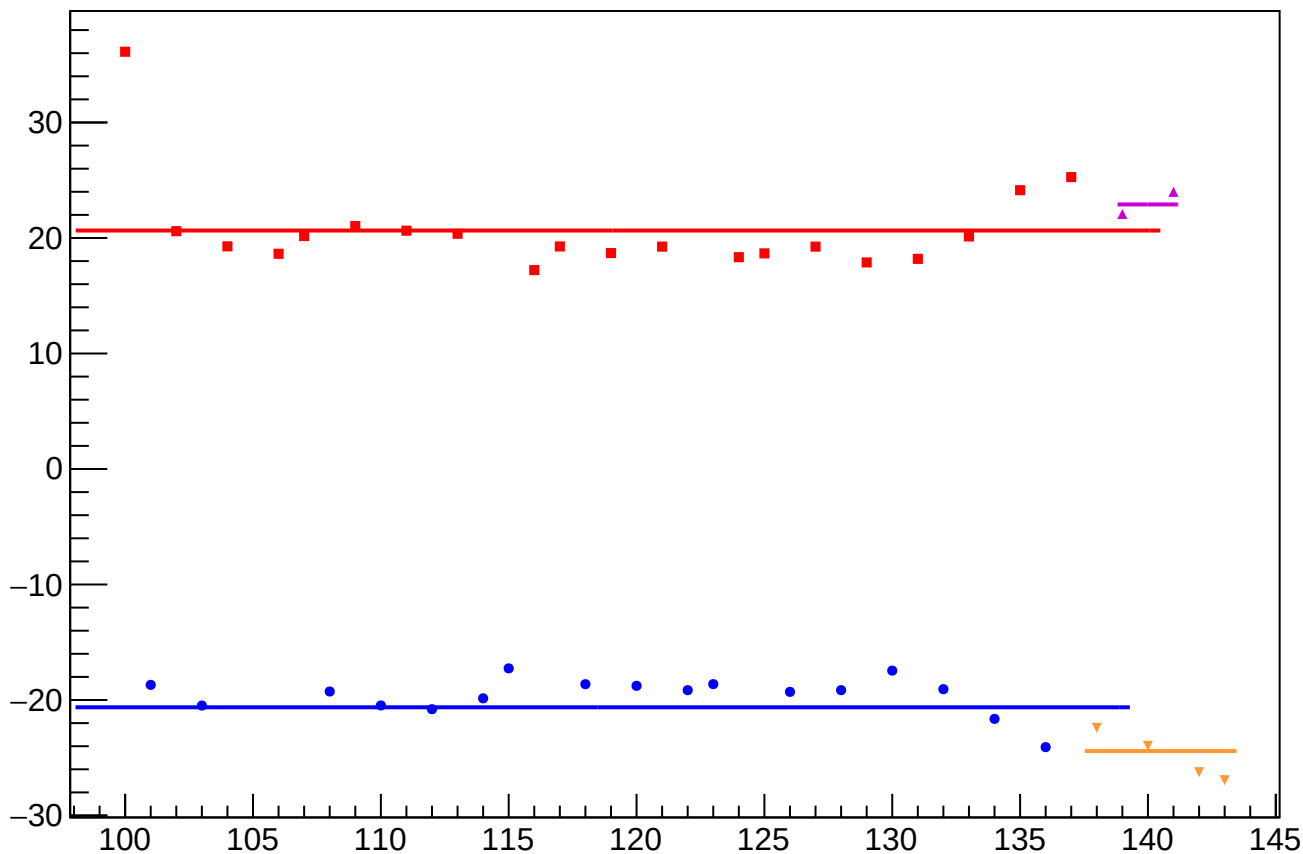
Left In: -13.051 $\pm$ 0.755 χ^2/NDF : 39.1/1

8.312 $\pm$ 0.290 χ^2/NDF : 617.8/20

2.421 $\pm$ 0.219 χ^2/NDF : 2174.1/42

-5.477 $\pm$ 0.336 χ^2/NDF : 589.4/21

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -24.420 ± 0.023 $\chi^2/\text{NDF}: 6059.4/3$

Right Out: 20.647 ± 0.019 $\chi^2/\text{NDF}: 13896.5/19$

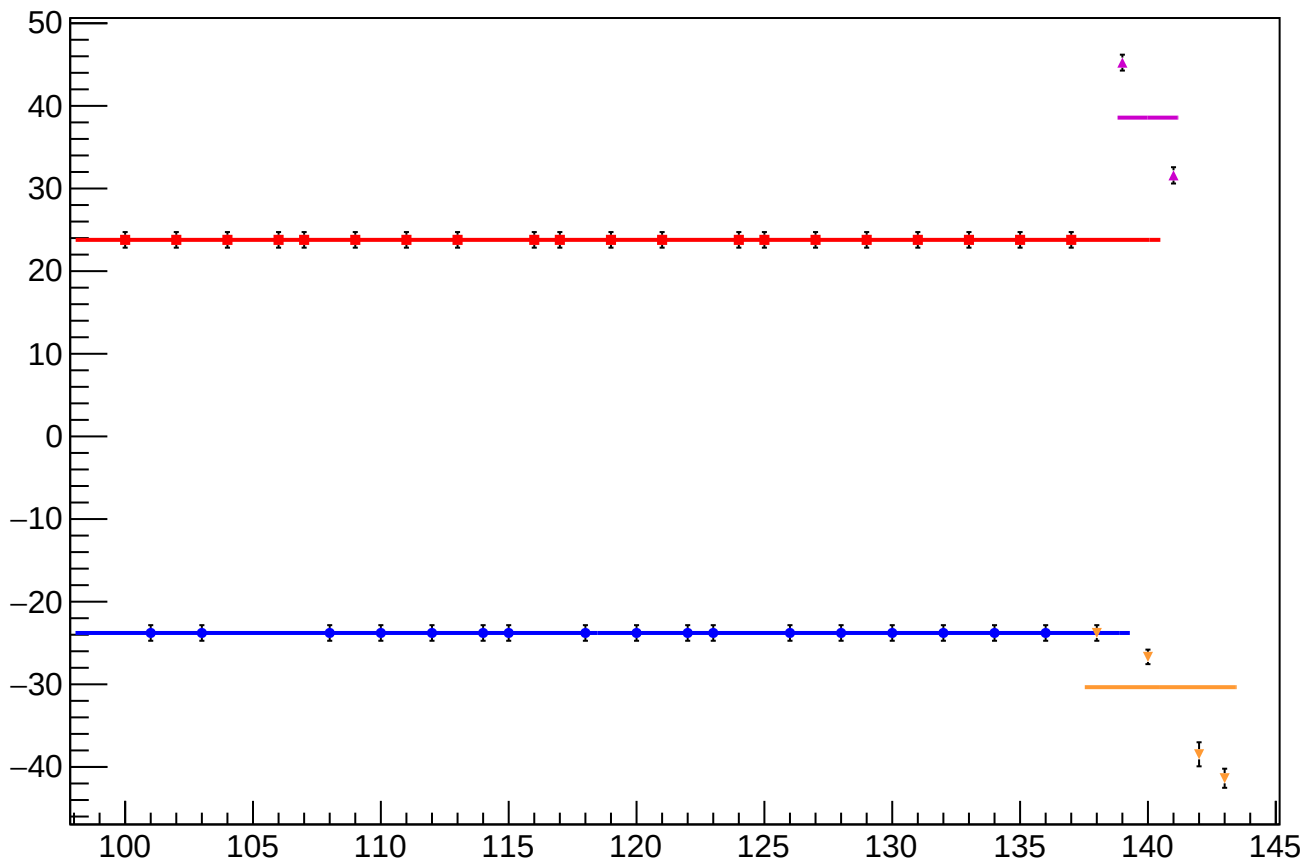
Left In: 22.904 ± 0.028 $\chi^2/\text{NDF}: 1168.5/1$

-22.186 ± 0.015 $\chi^2/\text{NDF}: 34416.8/20$

-1.965 ± 0.011 $\chi^2/\text{NDF}: 4076539.4/42$

21.388 ± 0.016 $\chi^2/\text{NDF}: 19506.7/21$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.785 ± 0.229 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -30.345 ± 0.524 $\chi^2/\text{NDF}: 187.7/3$

Right Out: 23.785 ± 0.211 $\chi^2/\text{NDF}: 0.0/19$

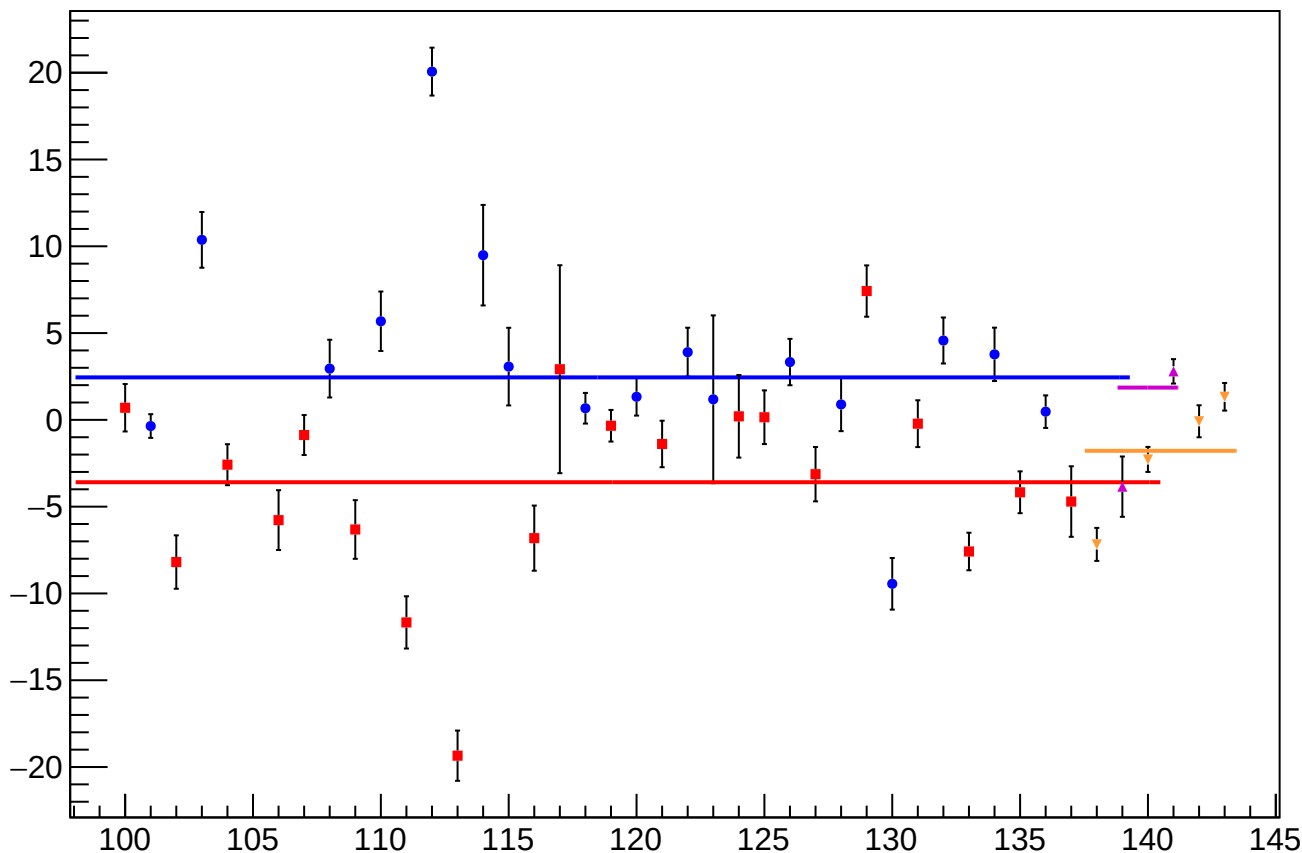
Left In: 38.576 ± 0.689 $\chi^2/\text{NDF}: 98.0/1$

-24.837 ± 0.210 $\chi^2/\text{NDF}: 319.1/20$

1.079 ± 0.146 $\chi^2/\text{NDF}: 30152.7/42$

25.058 ± 0.202 $\chi^2/\text{NDF}: 519.6/21$

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: -1.783 ± 0.416 χ^2/NDF : 51.3/3

Right Out: -3.593 ± 0.318 χ^2/NDF : 280.6/19

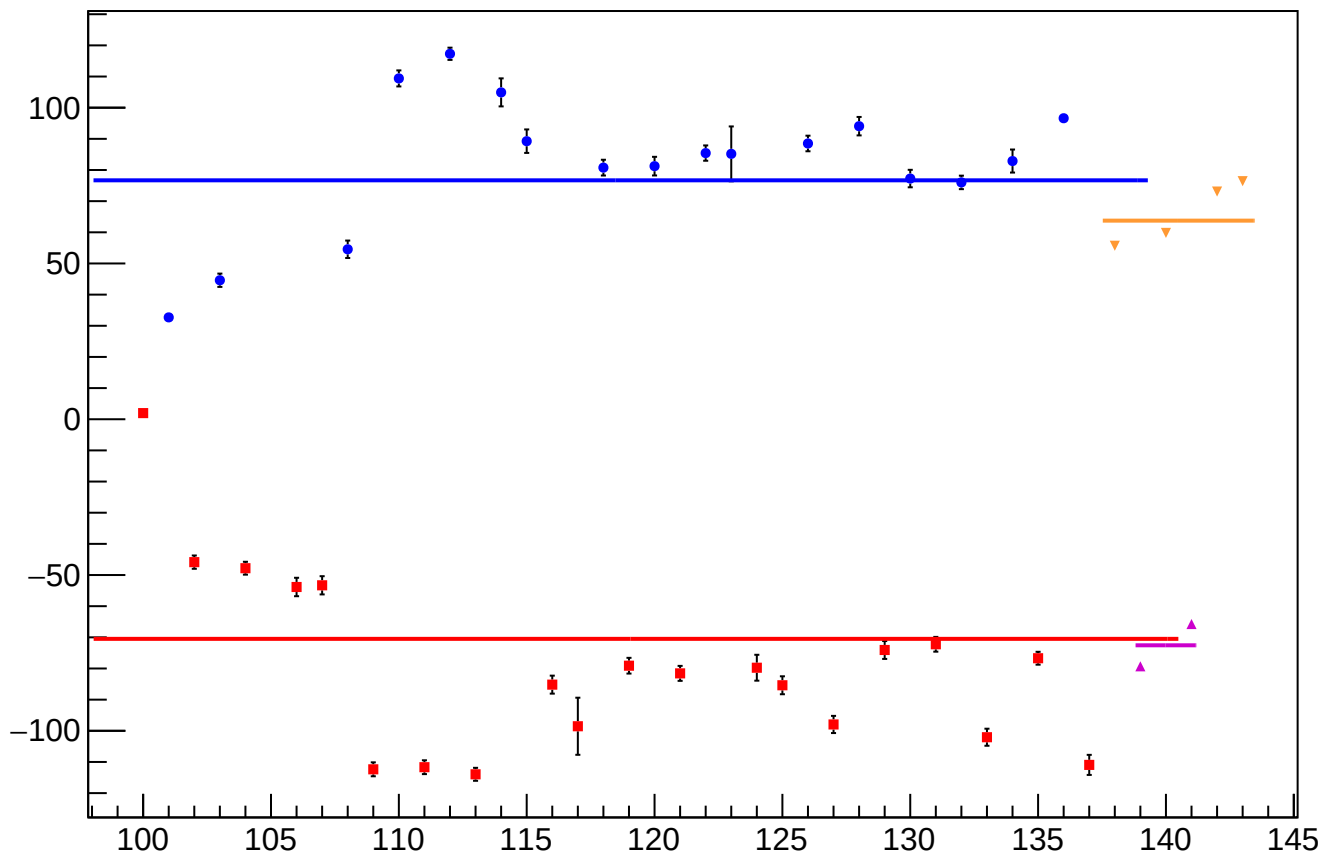
Left In: 1.859 ± 0.652 χ^2/NDF : 12.6/1

0.928 ± 0.249 χ^2/NDF : 411.0/20

-0.573 ± 0.188 χ^2/NDF : 844.7/42

-2.547 ± 0.286 χ^2/NDF : 349.6/21

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

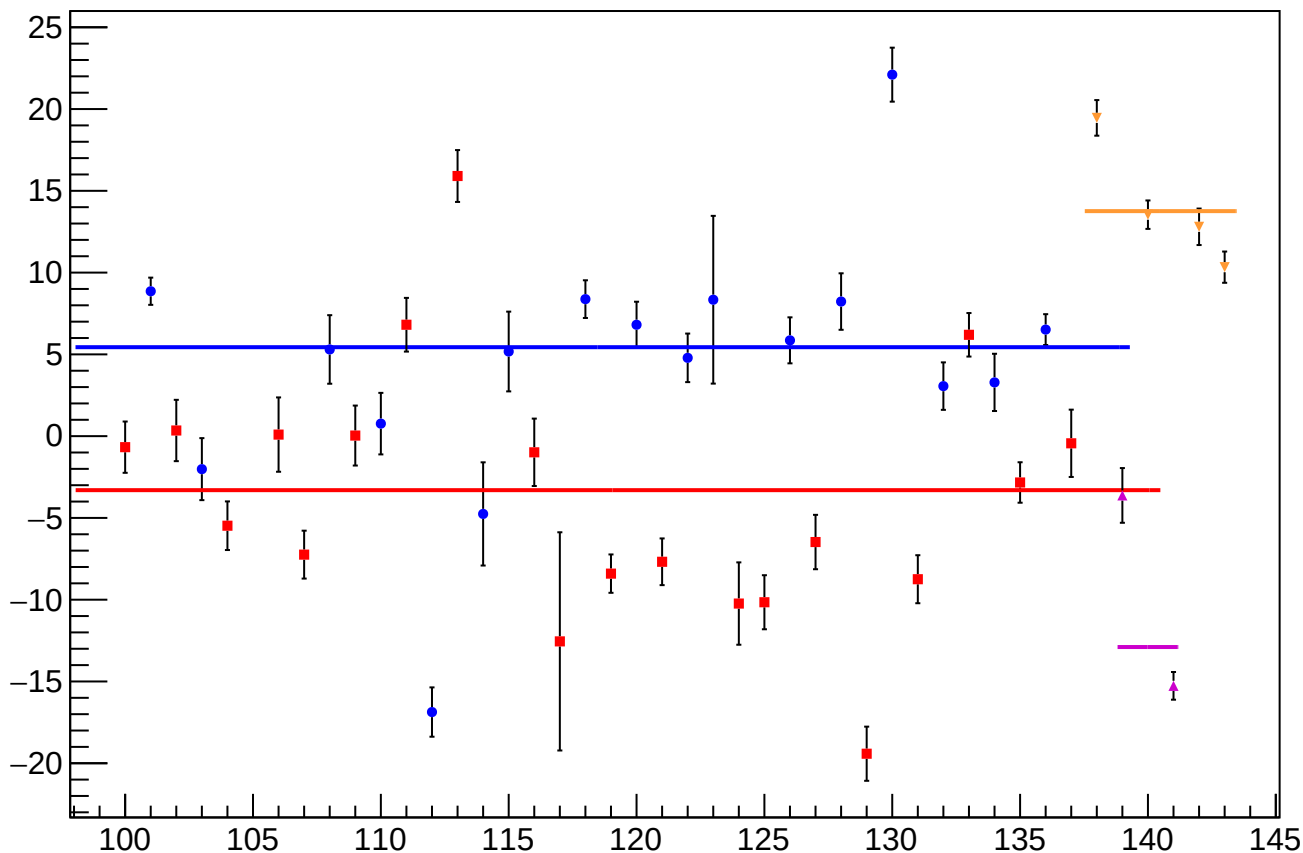
Left In: -72.555 $\pm$ 0.739 χ^2/NDF : 84.3/1

70.087 $\pm$ 0.402 χ^2/NDF : 2745.6/20

5.972 $\pm$ 0.297 χ^2/NDF : 63437.3/42

-71.222 $\pm$ 0.441 χ^2/NDF : 4489.9/21

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

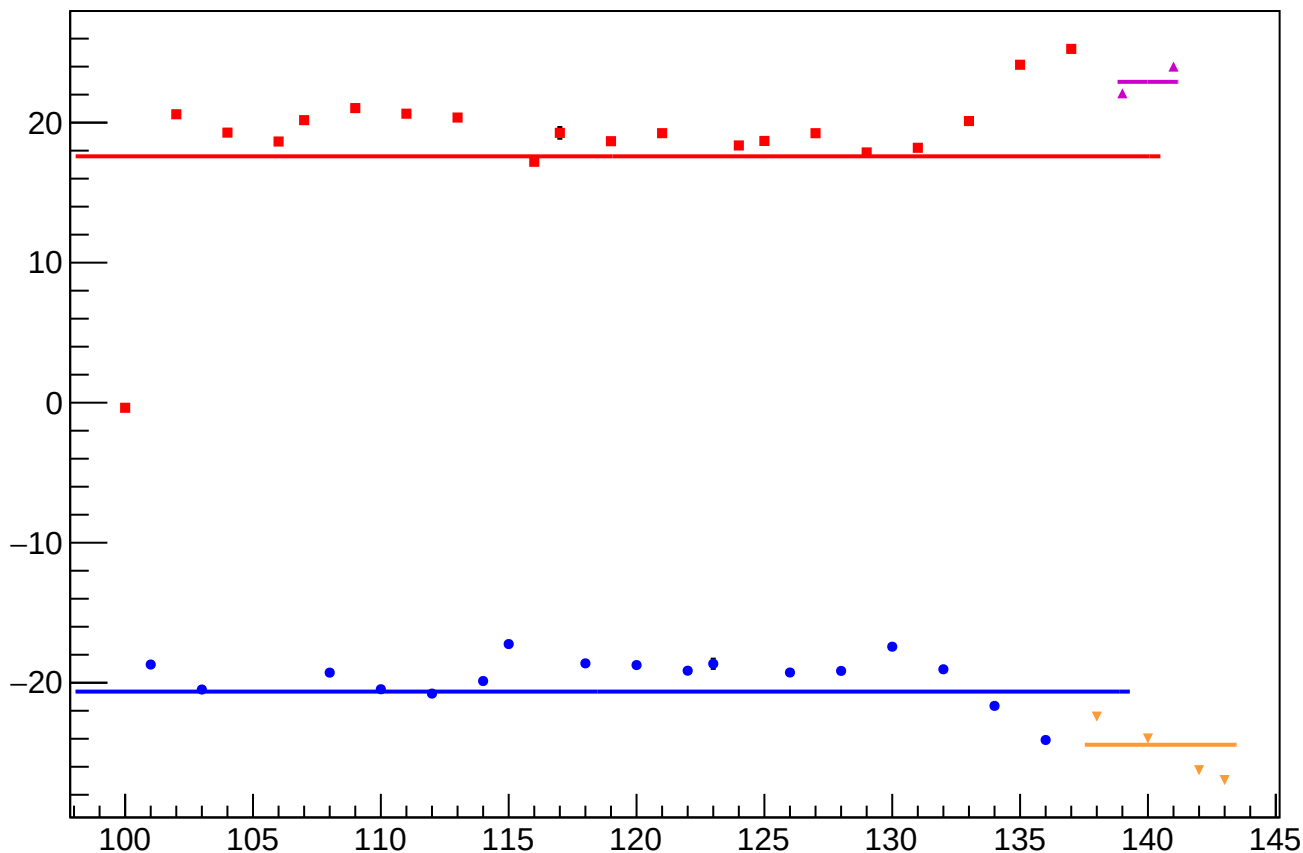
Left In: -12.894 $\pm$ 0.755 χ^2/NDF : 38.6/1

8.284 $\pm$ 0.290 χ^2/NDF : 612.2/20

2.414 $\pm$ 0.217 χ^2/NDF : 2144.6/42

-5.117 $\pm$ 0.328 χ^2/NDF : 597.0/21

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

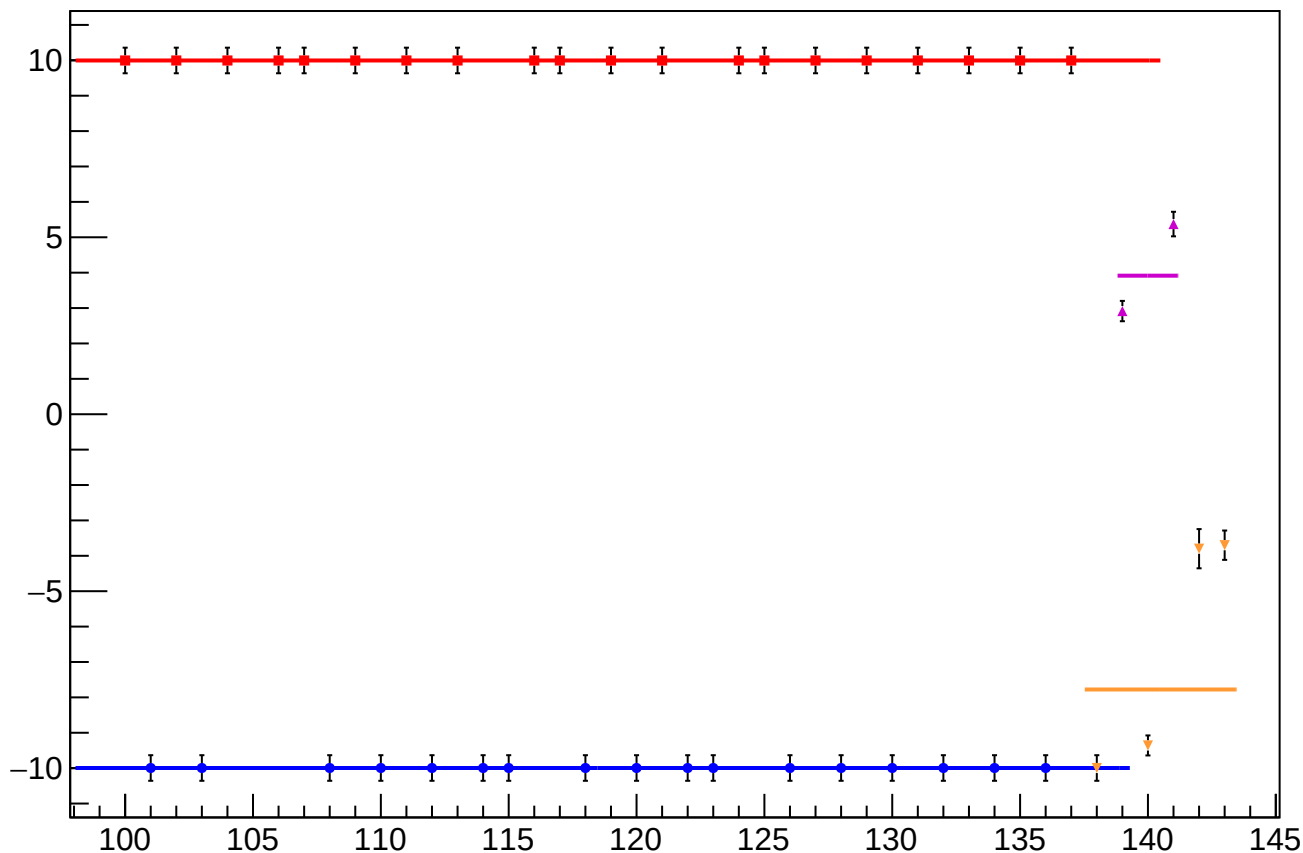
Left In: 22.913+/-0.028 χ^2/NDF : 1157.0/1

-22.190+/-0.015 χ^2/NDF : 34464.2/20

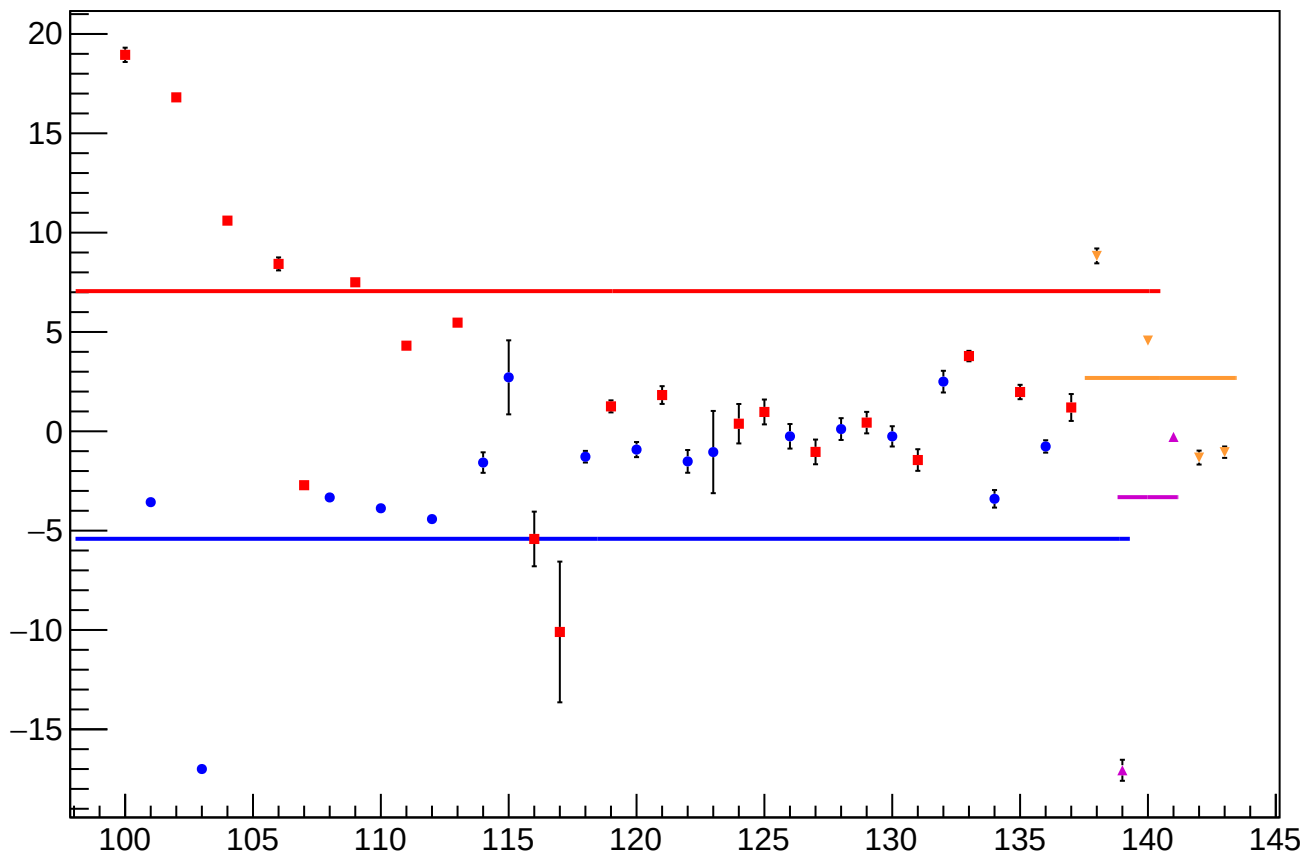
-1.919+/-0.011 χ^2/NDF : 4062893.7/42

19.167+/-0.015 χ^2/NDF : 205689.1/21

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

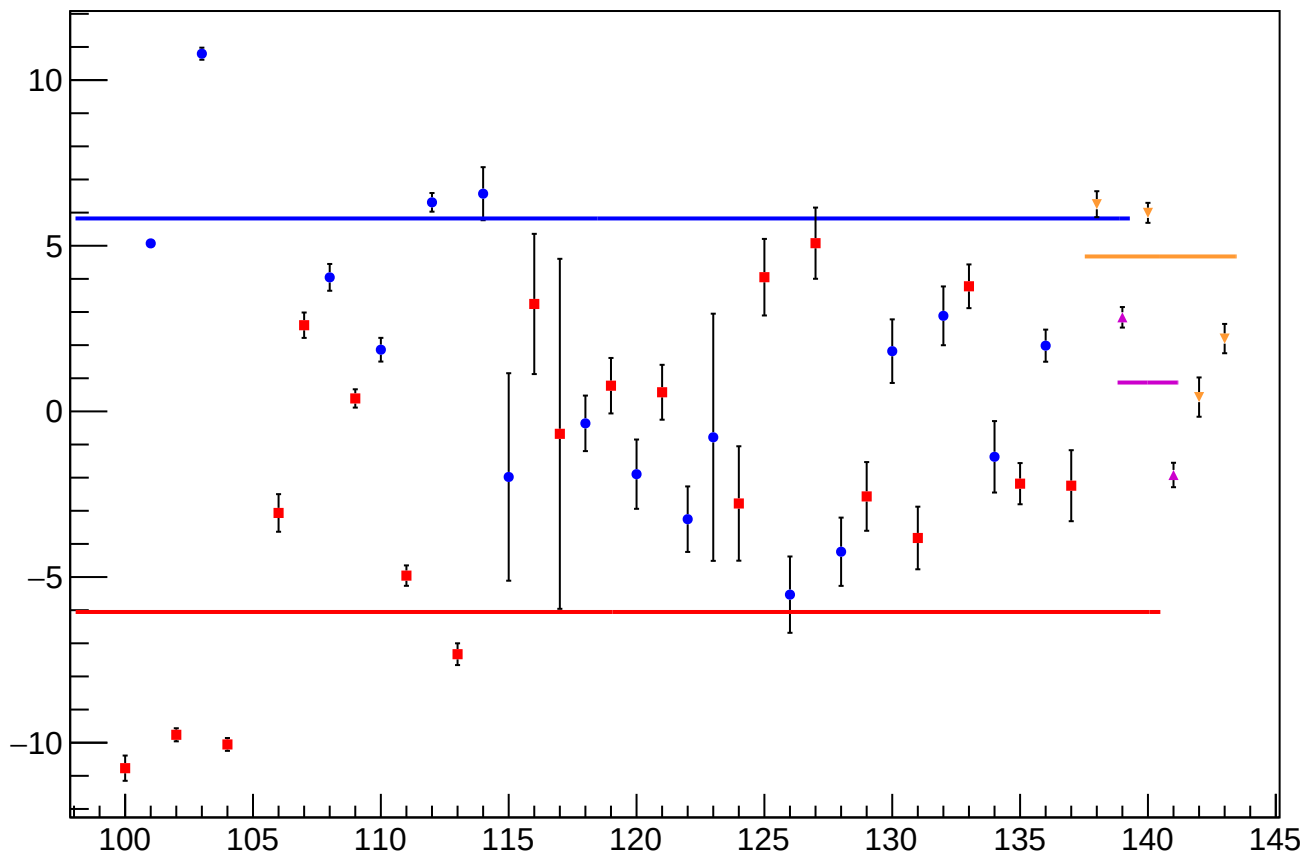
Left In: -3.314 ± 0.225 χ^2/NDF : 823.9/1

-4.440 ± 0.051 χ^2/NDF : 12518.3/20

0.401 ± 0.038 χ^2/NDF : 47562.8/42

6.387 ± 0.057 χ^2/NDF : 15166.0/21

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

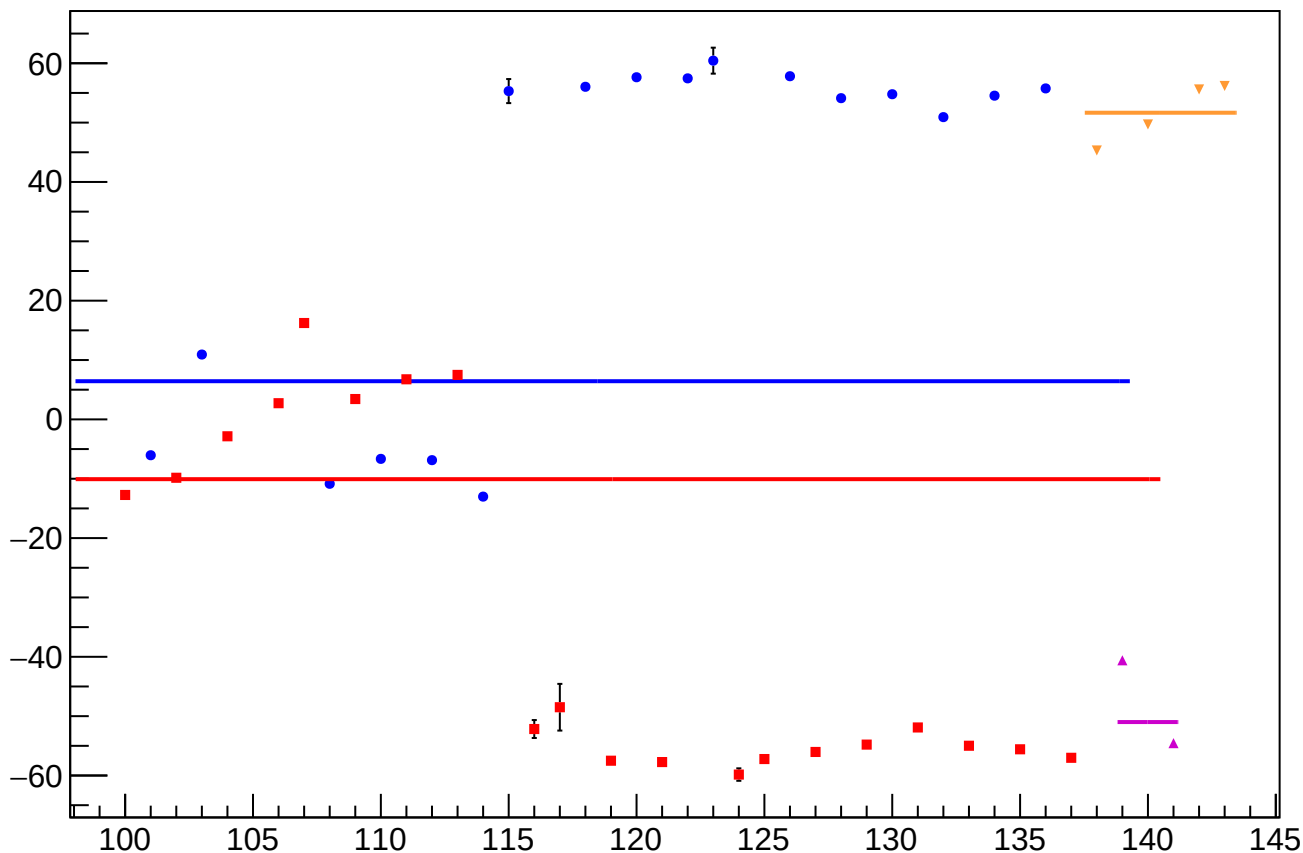
Left In: 0.871 $\pm$ 0.237 χ^2 /NDF:97.6/1

5.629 $\pm$ 0.082 χ^2 /NDF: 1598.2/20

0.583 $\pm$ 0.059 χ^2 /NDF: 13249.2/42

-5.127 $\pm$ 0.087 χ^2 /NDF: 3505.3/21

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 $\chi^2/\text{NDF}: 121911.4/19$

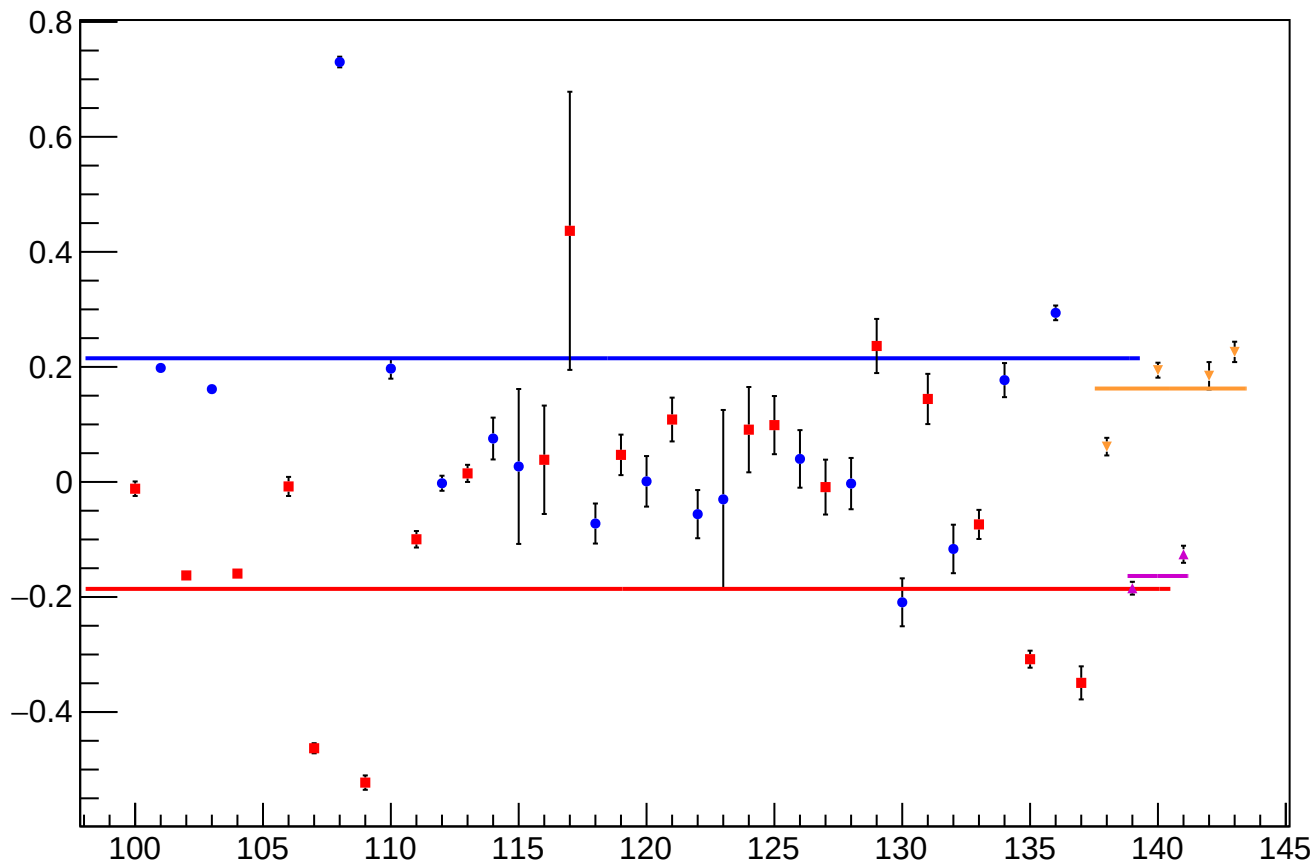
Left In: -50.993 ± 0.258 $\chi^2/\text{NDF}: 557.5/1$

11.778 ± 0.061 $\chi^2/\text{NDF}: 181783.3/20$

0.713 ± 0.045 $\chi^2/\text{NDF}: 401645.0/42$

-12.867 ± 0.067 $\chi^2/\text{NDF}: 145987.5/21$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.1/16

Left Out: 0.162 $\pm$ 0.008 χ^2 /NDF: 63.3/3

Right Out: -0.186 $\pm$ 0.003 χ^2 /NDF: 2726.9/19

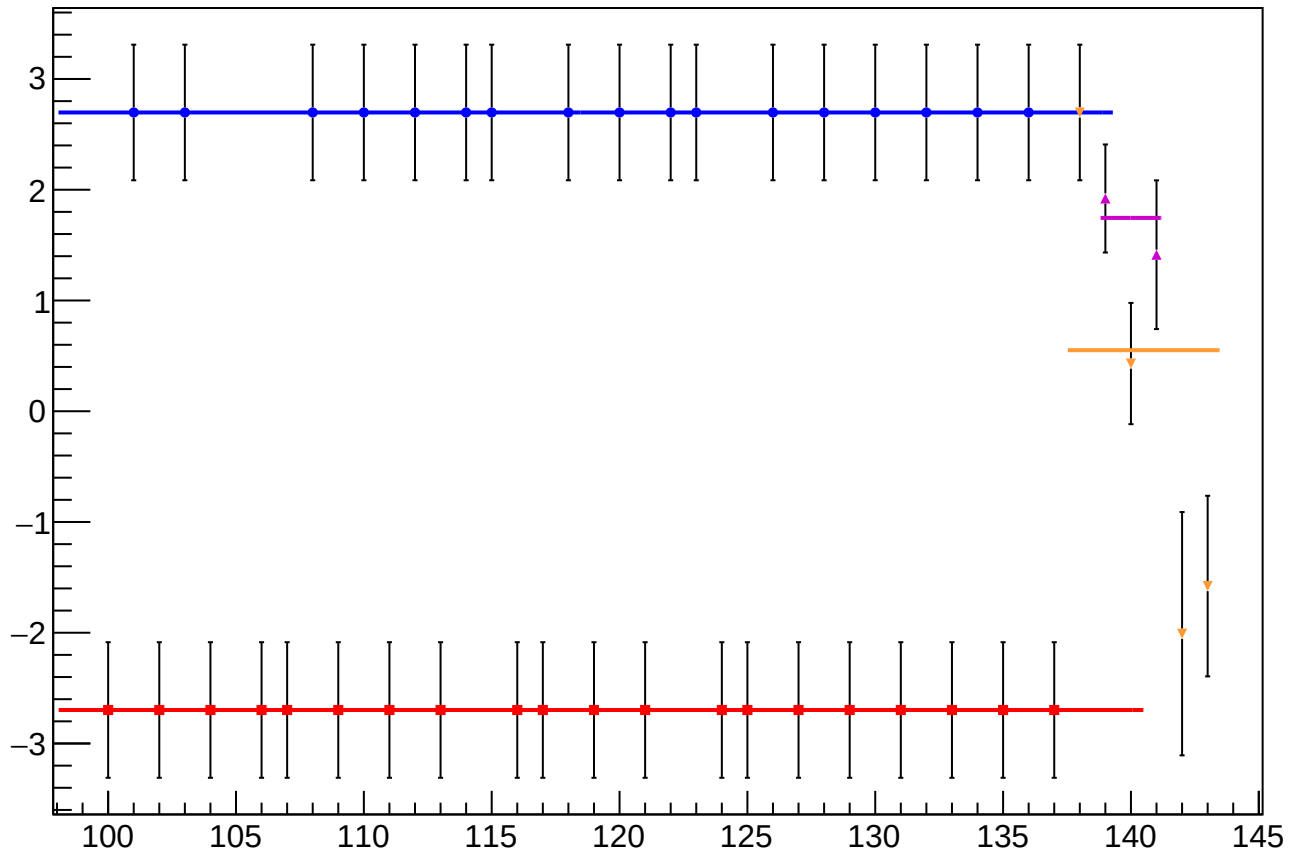
Left In: -0.163 $\pm$ 0.009 χ^2 /NDF: 10.1/1

0.210 $\pm$ 0.003 χ^2 /NDF: 4030.9/20

0.009 $\pm$ 0.002 χ^2 /NDF: 18262.0/42

-0.184 $\pm$ 0.003 χ^2 /NDF: 2742.8/21

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.698 $\pm$ 0.148 χ^2/NDF : 0.0/16

Left Out: 0.551 $\pm$ 0.346 χ^2/NDF : 24.6/3

Right Out: -2.698 $\pm$ 0.137 χ^2/NDF : 0.0/19

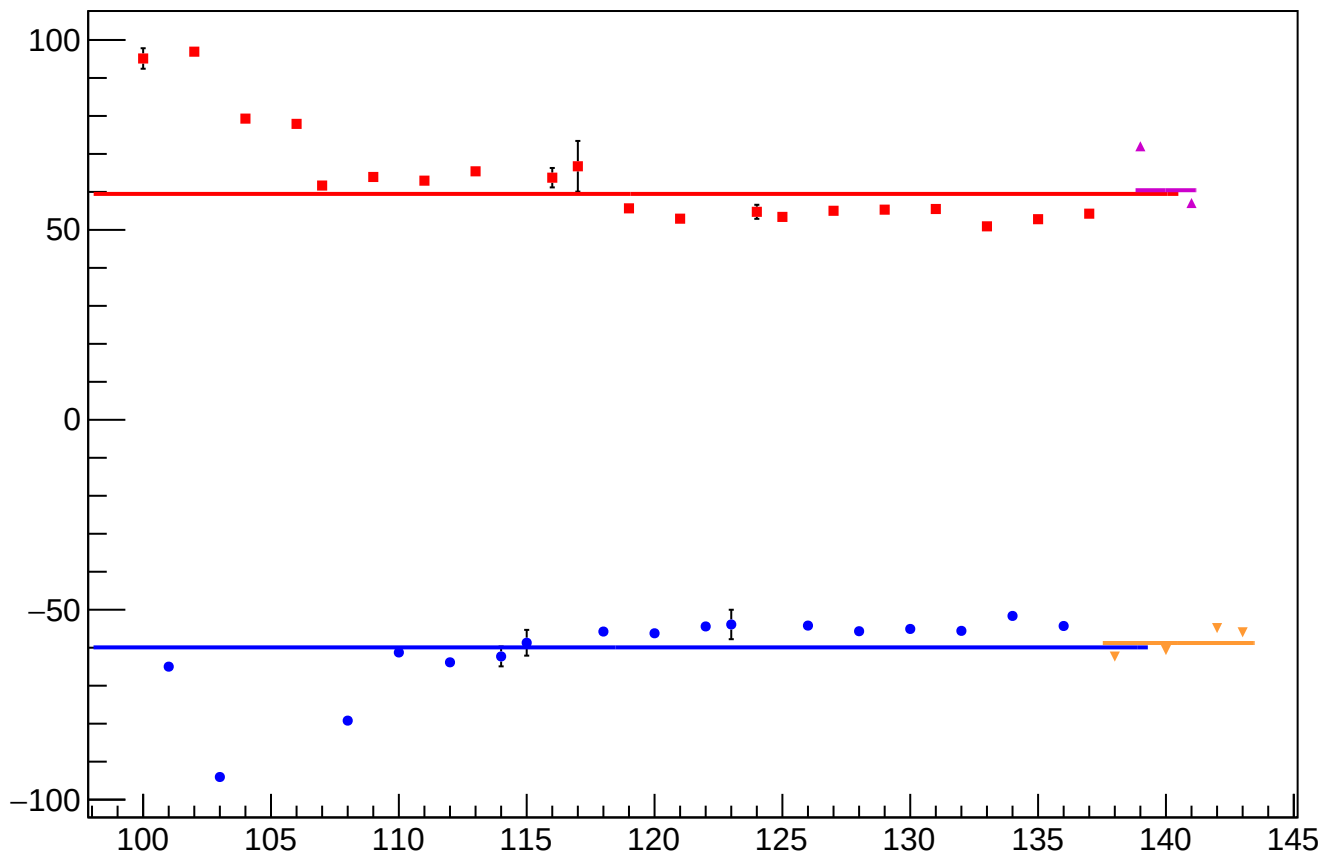
Left In: 1.746 $\pm$ 0.395 χ^2/NDF : 0.4/1

2.364 $\pm$ 0.136 χ^2/NDF : 57.0/20

-0.051 $\pm$ 0.094 χ^2/NDF : 765.2/42

-2.221 $\pm$ 0.129 χ^2/NDF : 113.5/21

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

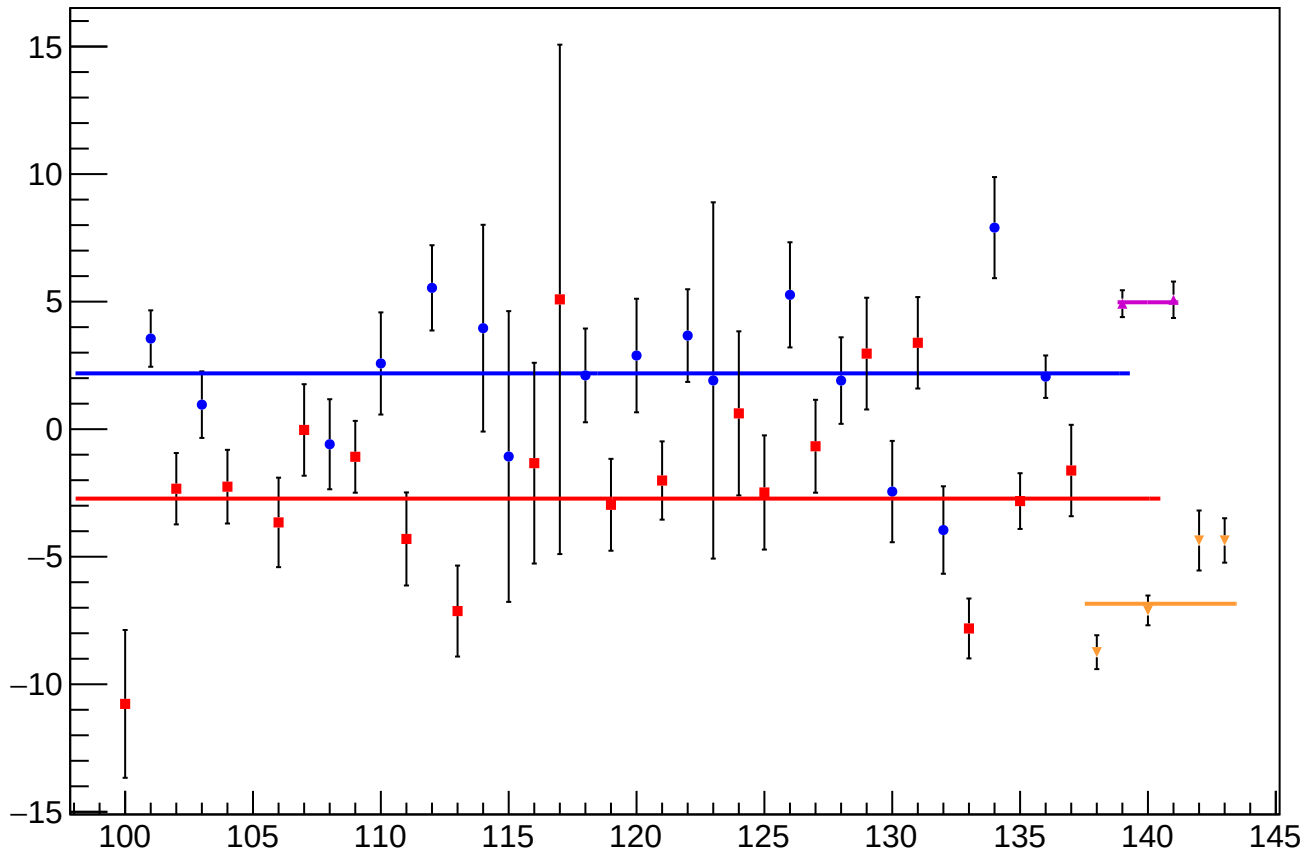
Left In: 60.446 ± 0.425 χ^2/NDF : 215.8/1

-59.481 ± 0.176 χ^2/NDF : 2090.6/20

-4.330 ± 0.129 χ^2/NDF : 217173.6/42

59.668 ± 0.190 χ^2/NDF : 3133.8/21

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.188 $\pm$ 0.404 χ^2 /NDF: 39.1/16

Left Out: -6.844 $\pm$ 0.371 χ^2 /NDF: 20.9/3

Right Out: -2.721 $\pm$ 0.387 χ^2 /NDF: 59.5/19

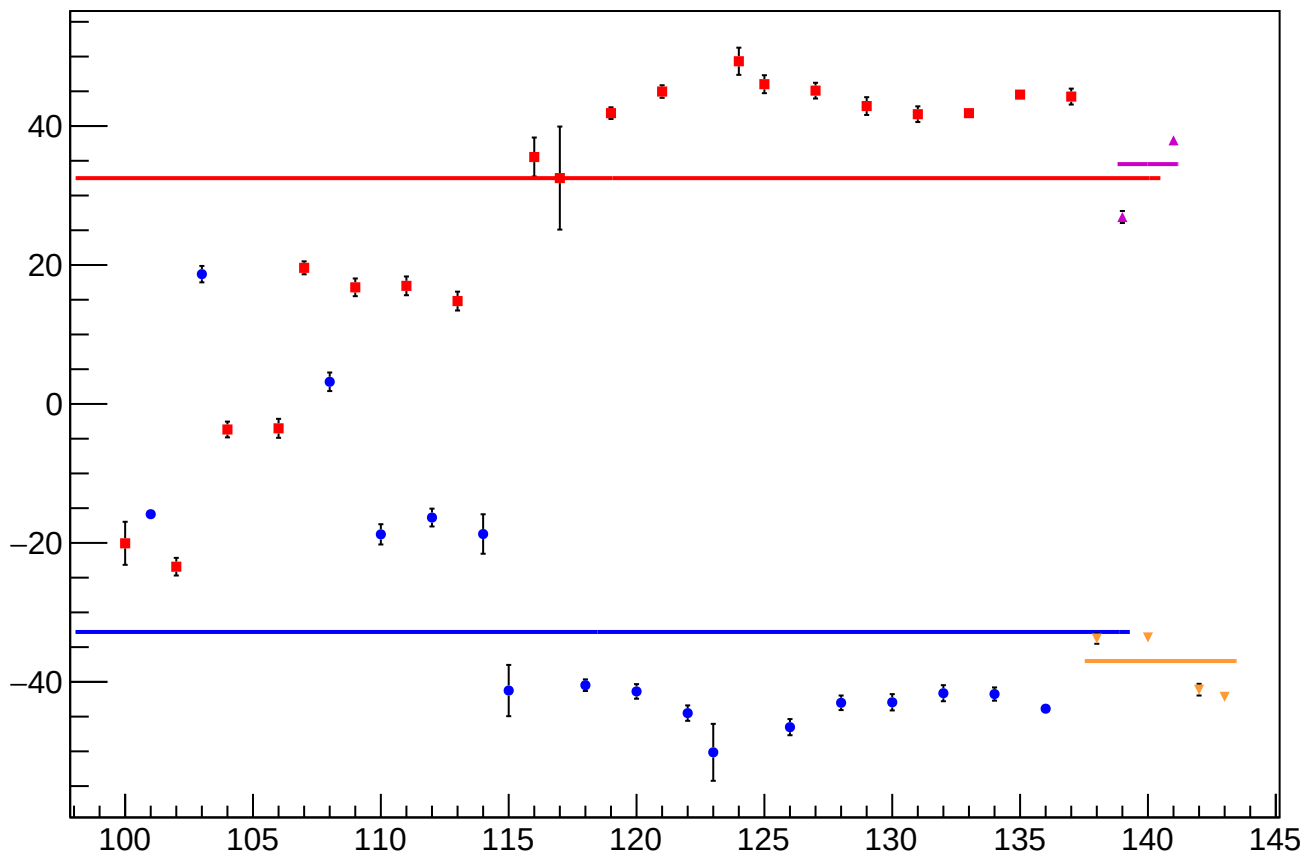
Left In: 4.974 $\pm$ 0.424 χ^2 /NDF: 0.0/1

-2.707 $\pm$ 0.273 χ^2 /NDF: 330.8/20

-1.041 $\pm$ 0.198 χ^2 /NDF: 647.6/42

0.781 $\pm$ 0.286 χ^2 /NDF: 239.2/21

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

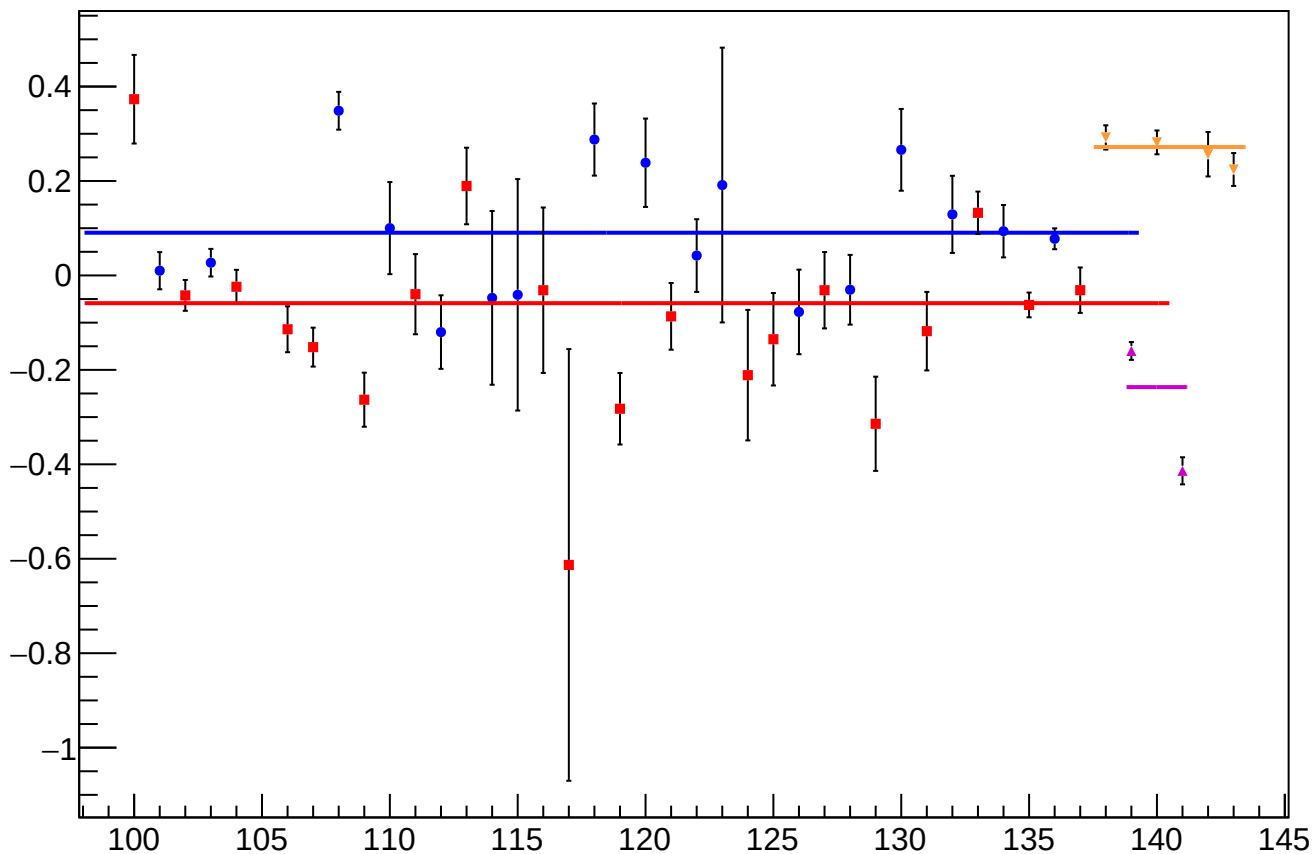
Left In: 34.522 ± 0.481 χ^2/NDF : 112.7/1

-34.317 ± 0.203 χ^2/NDF : 4902.2/20

-2.940 ± 0.149 χ^2/NDF : 62049.0/42

32.915 ± 0.217 χ^2/NDF : 6164.7/21

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

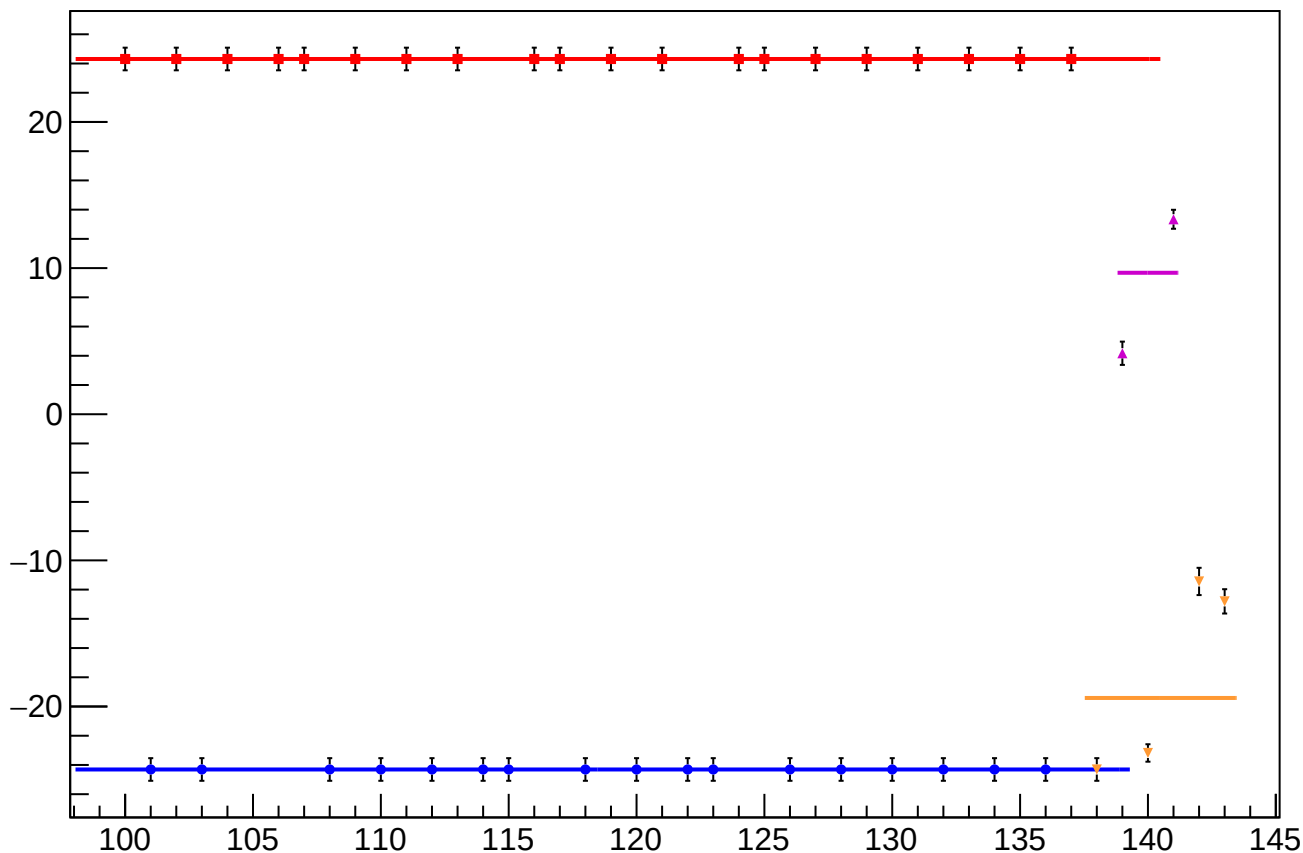
Left In: -0.236 ± 0.016 χ^2/NDF : 54.5/1

0.166 ± 0.010 χ^2/NDF : 166.2/20

0.019 ± 0.007 χ^2/NDF : 839.2/42

-0.125 ± 0.010 χ^2/NDF : 223.0/21

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.309 $\pm$ 0.188 χ^2/NDF : 0.0/16

Left Out: -19.416 $\pm$ 0.376 χ^2/NDF : 215.9/3

Right Out: 24.309 $\pm$ 0.173 χ^2/NDF : 0.0/19

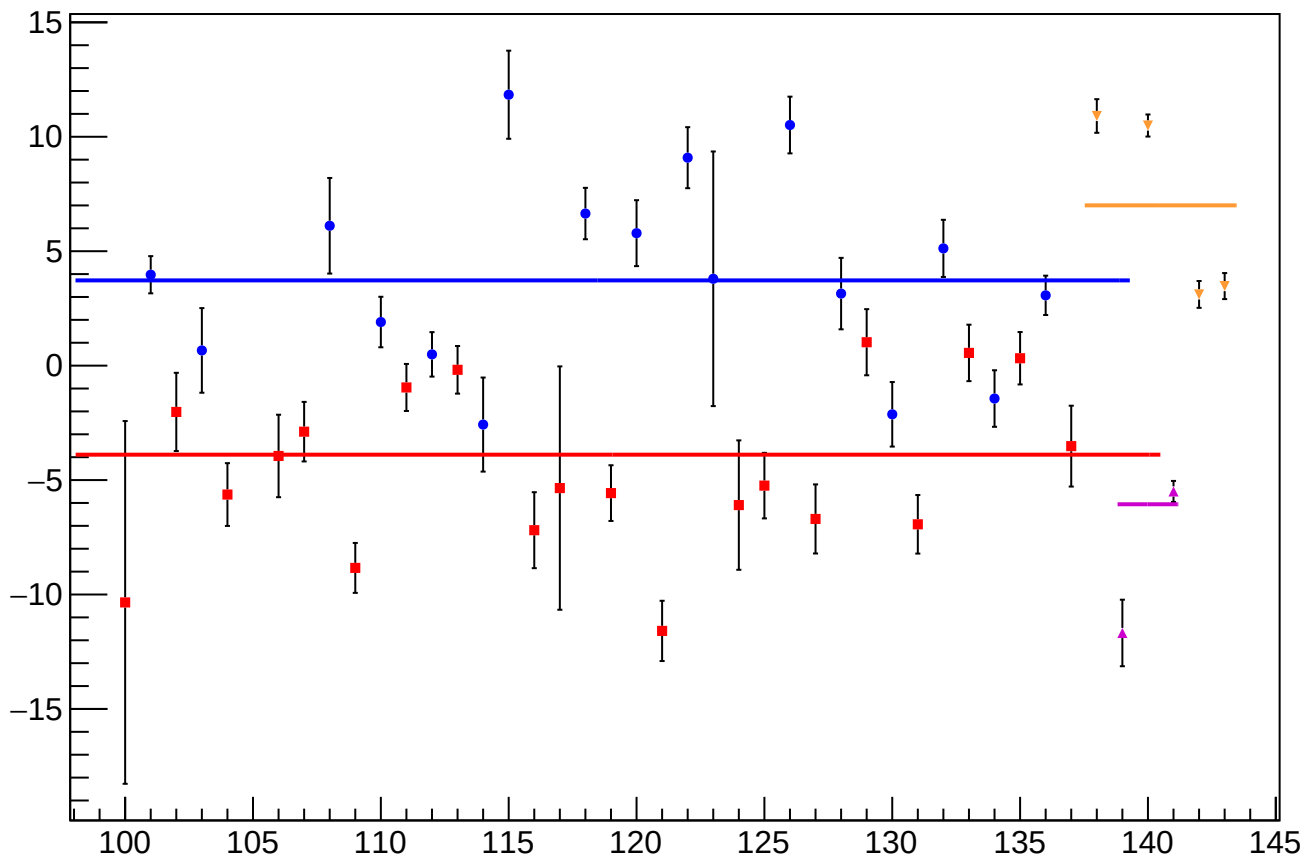
Left In: 9.680 $\pm$ 0.503 χ^2/NDF : 79.6/1

-23.332 $\pm$ 0.168 χ^2/NDF : 351.4/20

0.310 $\pm$ 0.117 χ^2/NDF : 39757.0/42

22.759 $\pm$ 0.164 χ^2/NDF : 835.3/21

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.725 $\pm$ 0.308 χ^2/NDF : 136.8/16

Left Out: 7.003 $\pm$ 0.287 χ^2/NDF : 163.0/3

Right Out: -3.890 $\pm$ 0.316 χ^2/NDF : 134.5/19

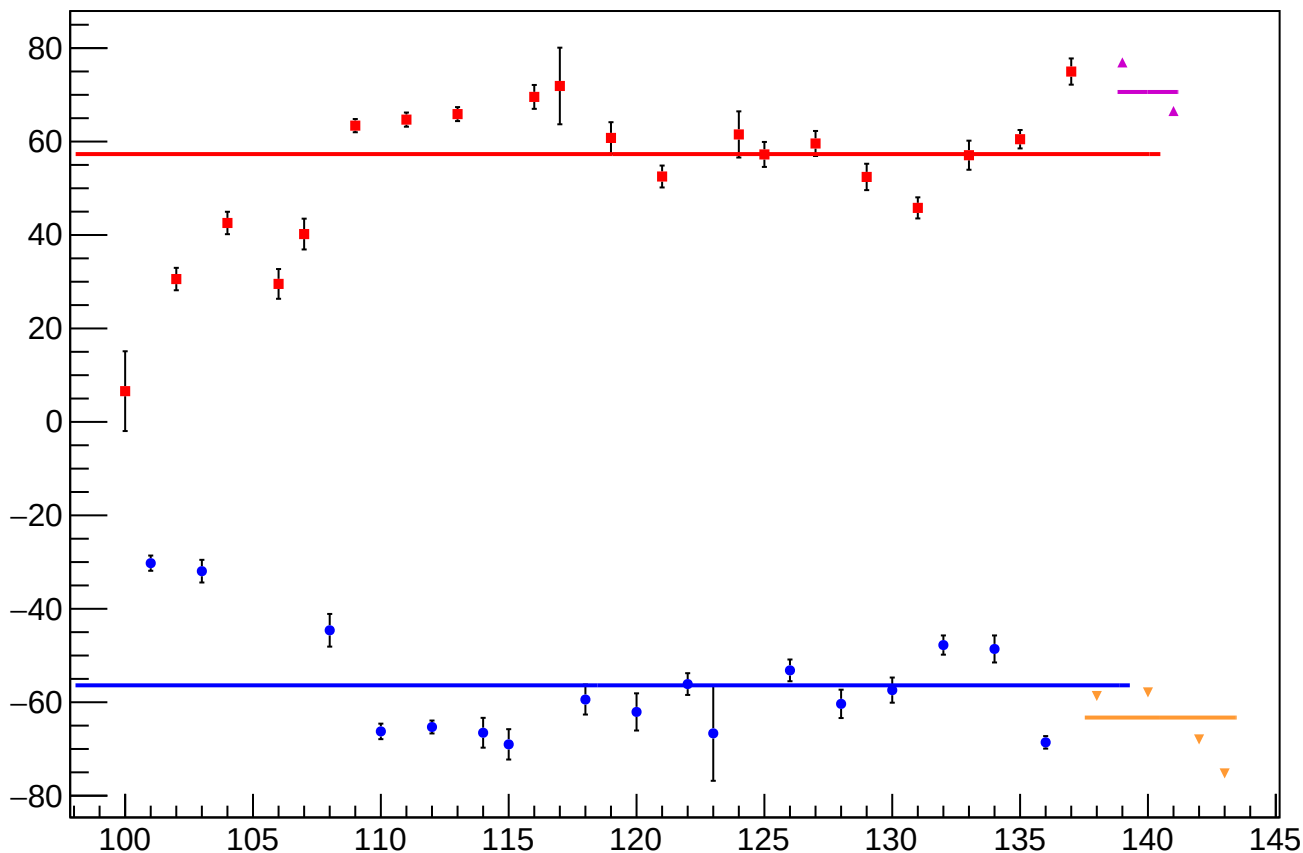
Left In: -6.057 $\pm$ 0.438 χ^2/NDF : 16.5/1

5.483 $\pm$ 0.210 χ^2/NDF : 360.4/20

1.413 $\pm$ 0.162 χ^2/NDF : 1460.0/42

-4.632 $\pm$ 0.256 χ^2/NDF : 167.0/21

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

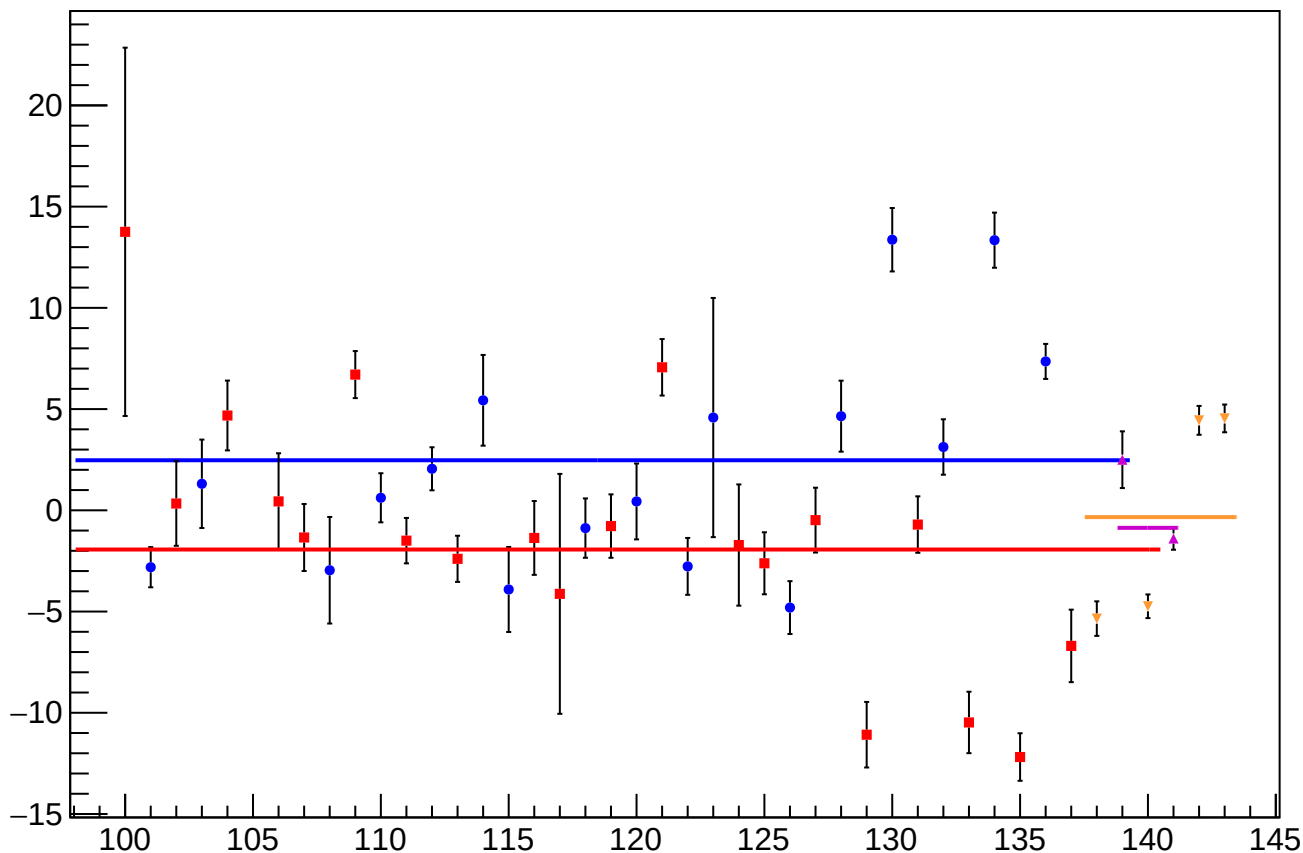
Left In: 70.612 ± 0.539 χ^2/NDF : 88.9/1

-60.824 ± 0.323 χ^2/NDF : 997.0/20

-8.375 ± 0.246 χ^2/NDF : 64513.0/42

63.919 ± 0.379 χ^2/NDF : 875.0/21

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.473 $\pm$ 0.345 χ^2 /NDF: 243.6/16

Left Out: -0.335 $\pm$ 0.345 χ^2 /NDF: 187.0/3

Right Out: -1.936 $\pm$ 0.354 χ^2 /NDF: 266.8/19

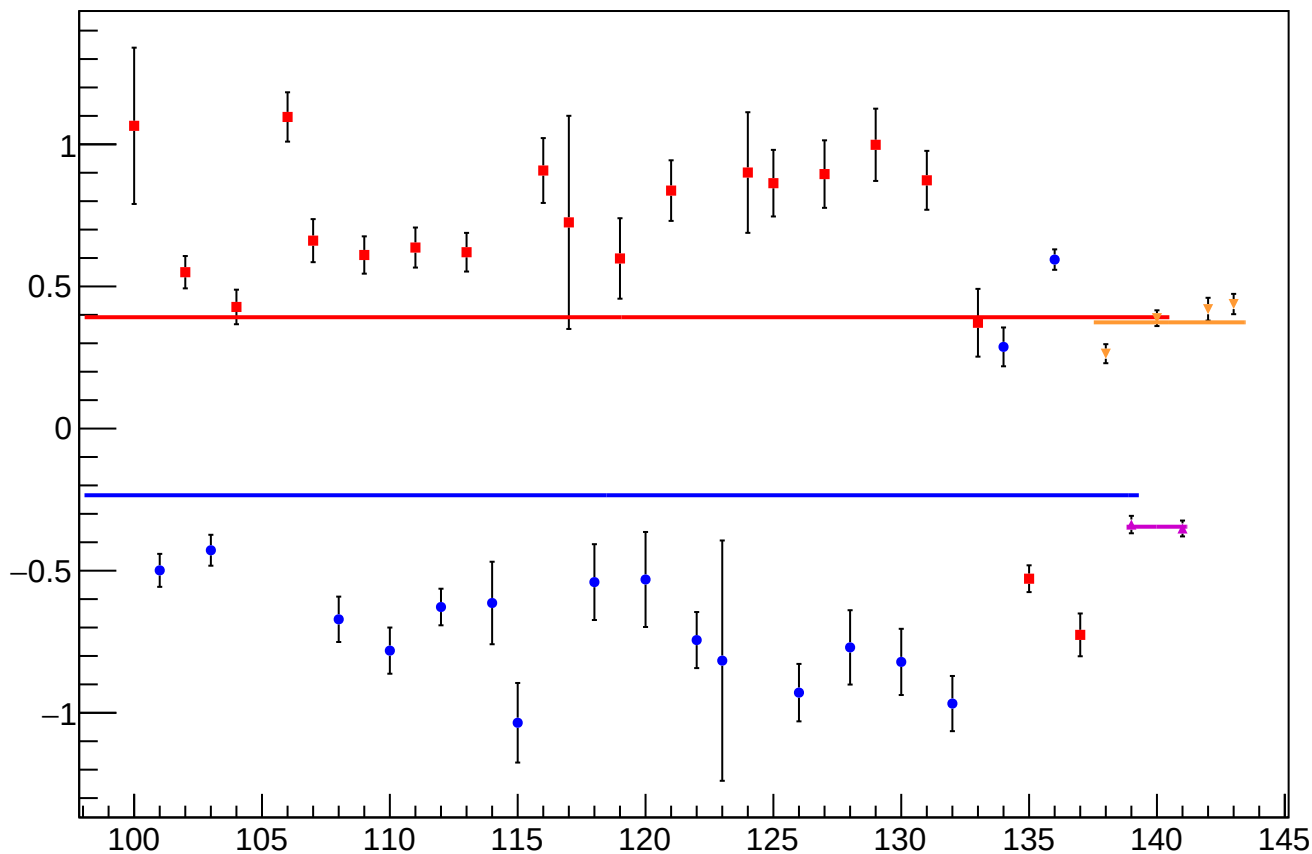
Left In: -0.865 $\pm$ 0.515 χ^2 /NDF: 6.7/1

1.066 $\pm$ 0.244 χ^2 /NDF: 463.7/20

-0.028 $\pm$ 0.187 χ^2 /NDF: 788.9/42

-1.593 $\pm$ 0.292 χ^2 /NDF: 276.4/21

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

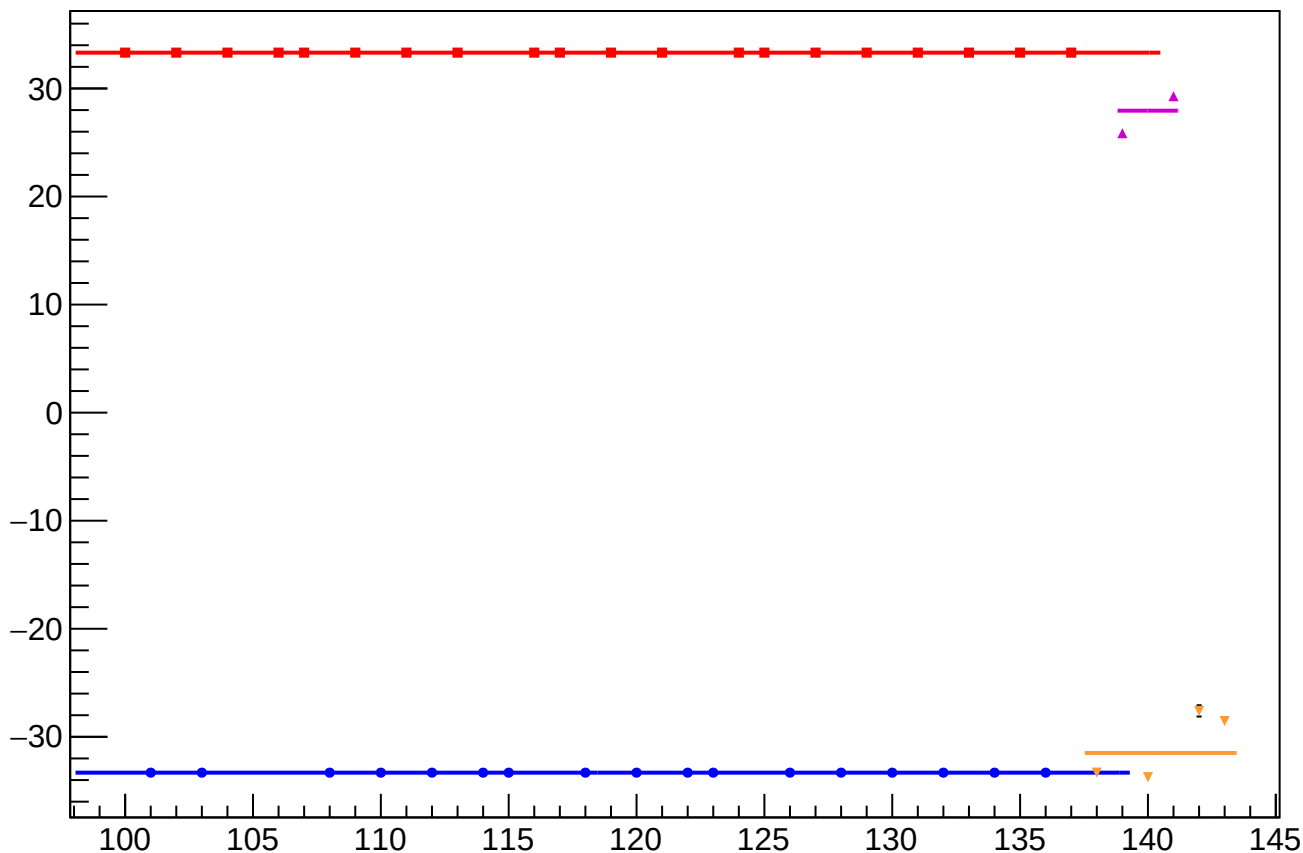
Left In: -0.345 ± 0.021 χ^2/NDF : 0.1/1

0.107 ± 0.012 χ^2/NDF : 1558.0/20

0.084 ± 0.009 χ^2/NDF : 3112.7/42

0.055 ± 0.014 χ^2/NDF : 1546.9/21

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.316 ± 0.112 χ^2/NDF : 0.0/16

Left Out: -31.492 ± 0.211 χ^2/NDF : 160.4/3

Right Out: 33.316 ± 0.103 χ^2/NDF : 0.0/19

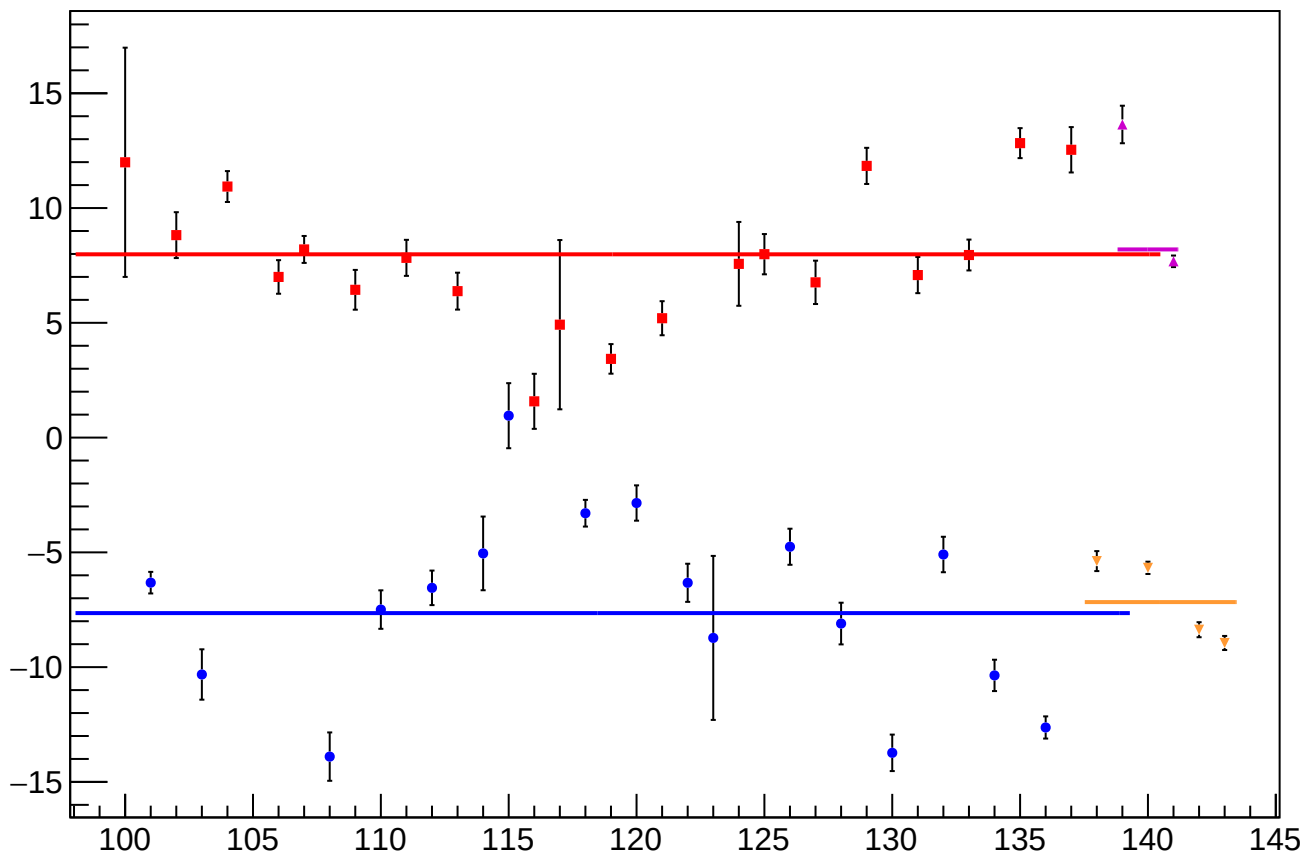
Left In: 27.945 ± 0.278 χ^2/NDF : 36.0/1

-32.917 ± 0.099 χ^2/NDF : 218.8/20

0.598 ± 0.069 χ^2/NDF : 226491.2/42

32.671 ± 0.096 χ^2/NDF : 363.2/21

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

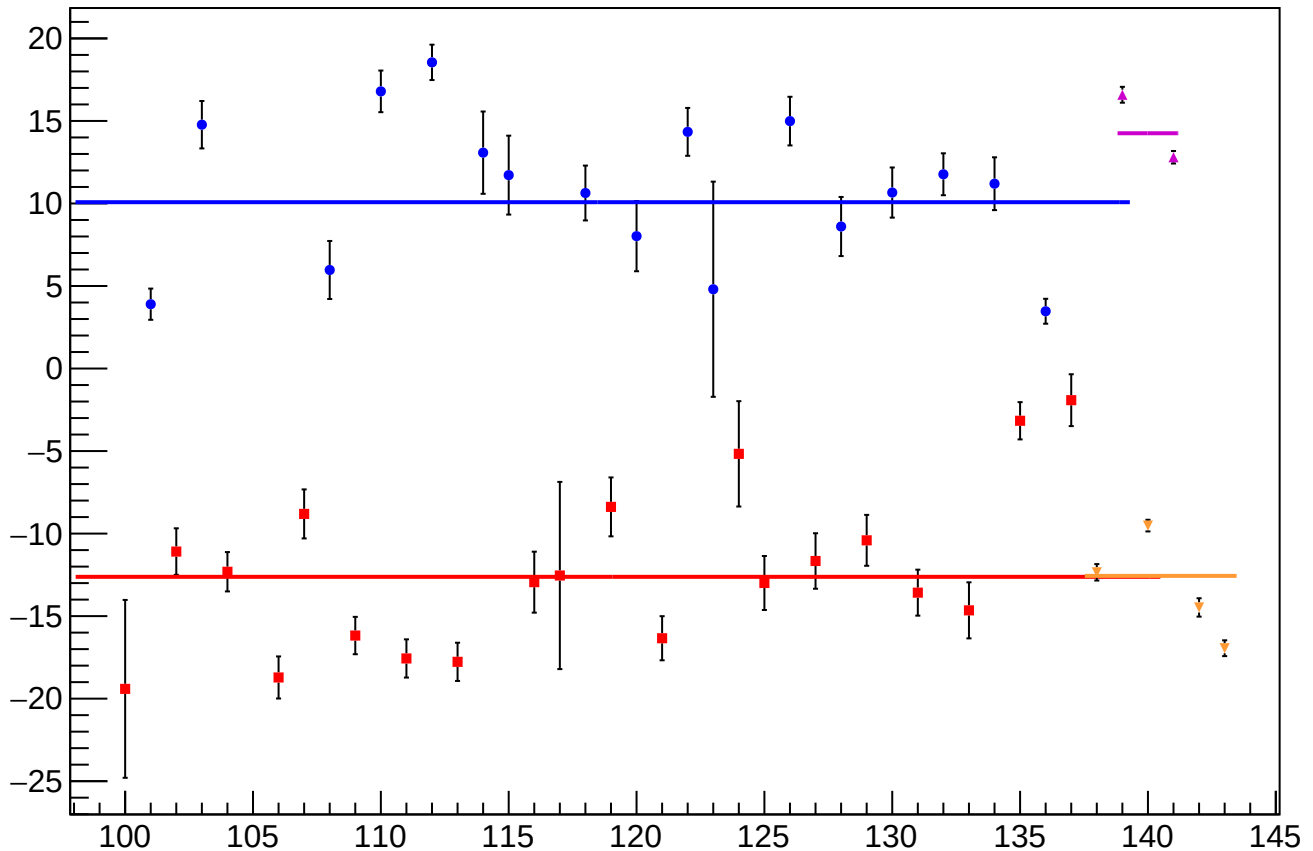
Left In: 8.198 ± 0.241 χ^2/NDF : 48.5/1

-7.370 ± 0.121 χ^2/NDF : 492.6/20

-1.132 ± 0.093 χ^2/NDF : 7331.7/42

8.064 ± 0.147 χ^2/NDF : 275.2/21

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

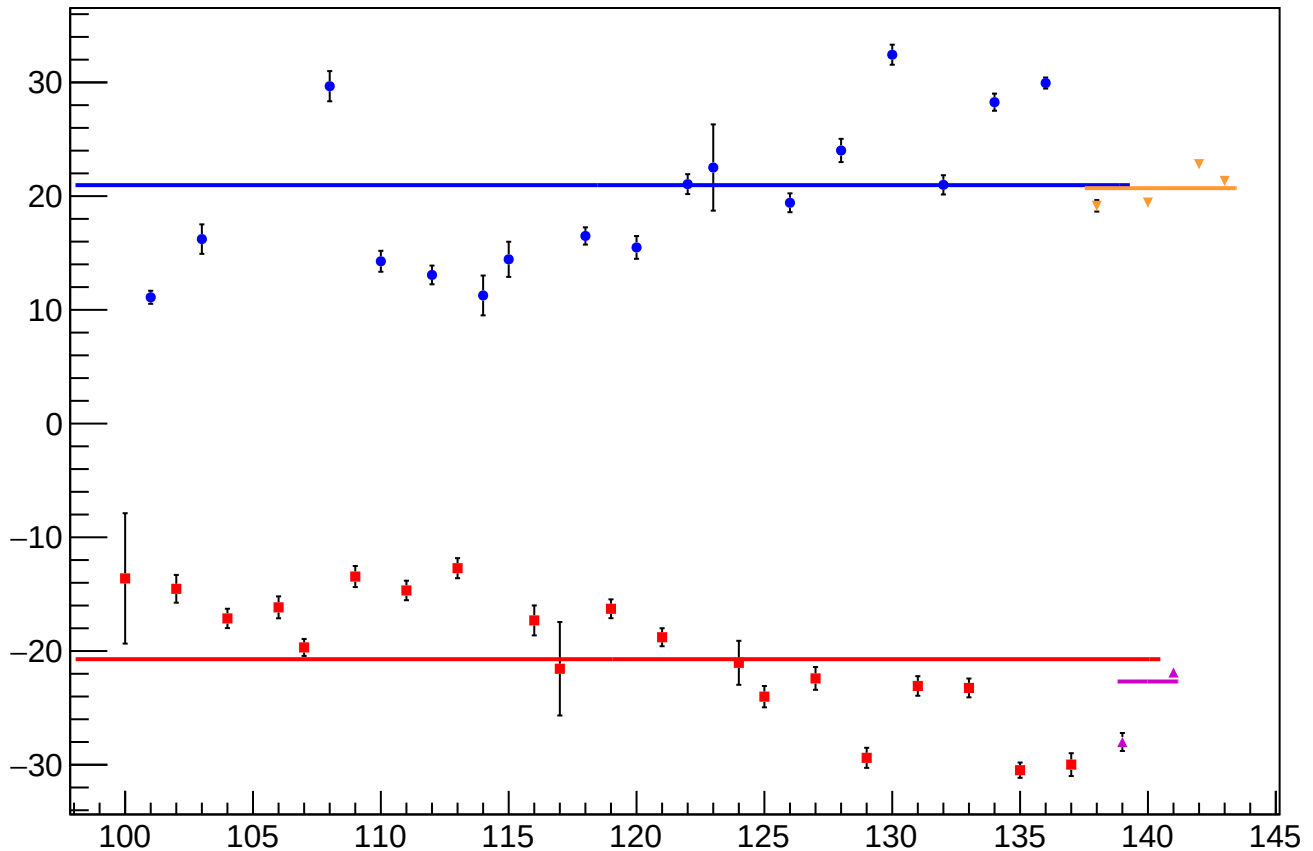
Left In: 14.255 ± 0.298 χ^2/NDF : 38.2/1

-5.539 ± 0.188 χ^2/NDF : 3539.8/20

-2.284 ± 0.143 χ^2/NDF : 8151.5/42

2.263 ± 0.222 χ^2/NDF : 3889.7/21

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965 $\pm$ 0.209 χ^2/NDF : 1225.5/16

Left Out: 20.699 $\pm$ 0.192 χ^2/NDF : 55.8/3

Right Out: -20.718 $\pm$ 0.212 χ^2/NDF : 729.9/19

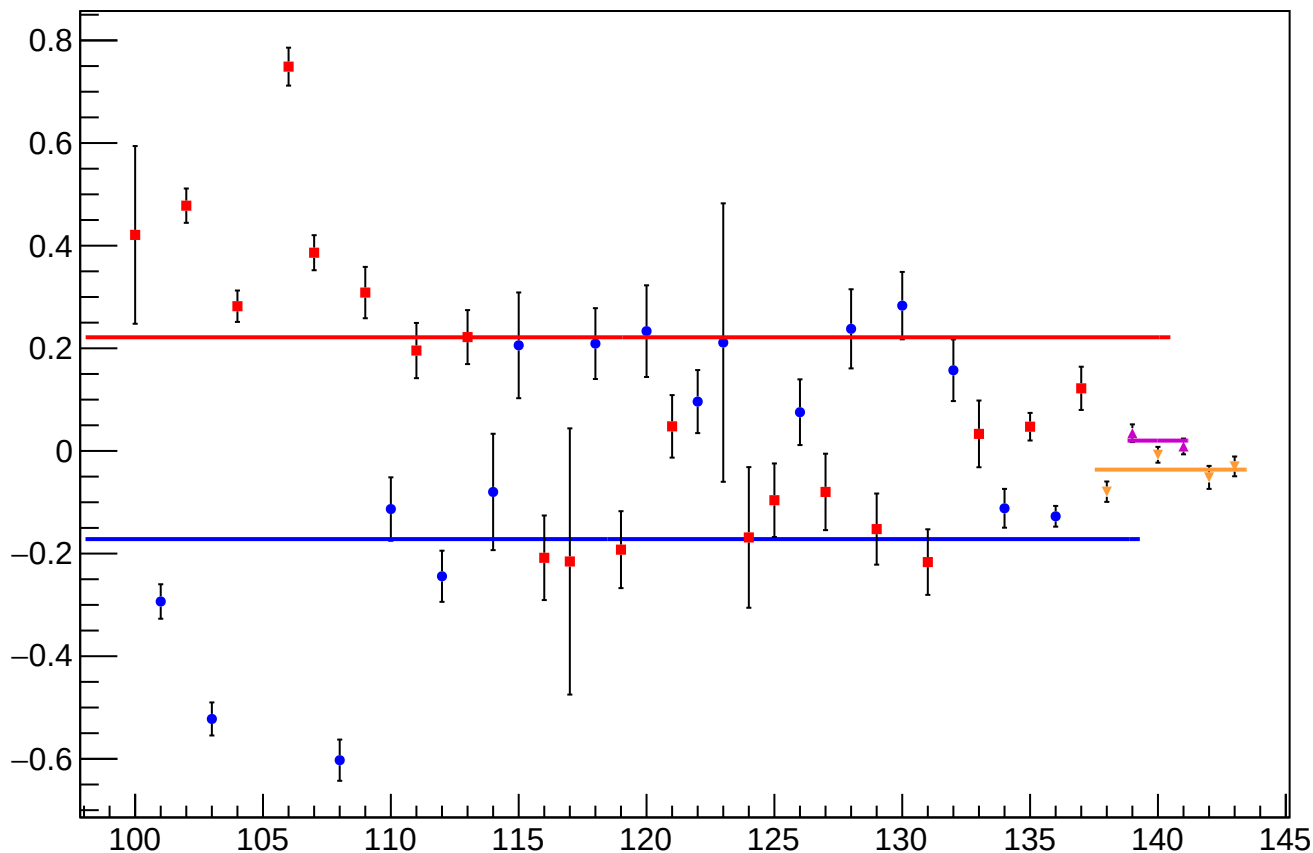
Left In: -22.681 $\pm$ 0.284 χ^2/NDF : 52.3/1

20.821 $\pm$ 0.142 χ^2/NDF : 1282.1/20

3.523 $\pm$ 0.109 χ^2/NDF : 38499.9/42

-21.421 $\pm$ 0.170 χ^2/NDF : 812.8/21

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

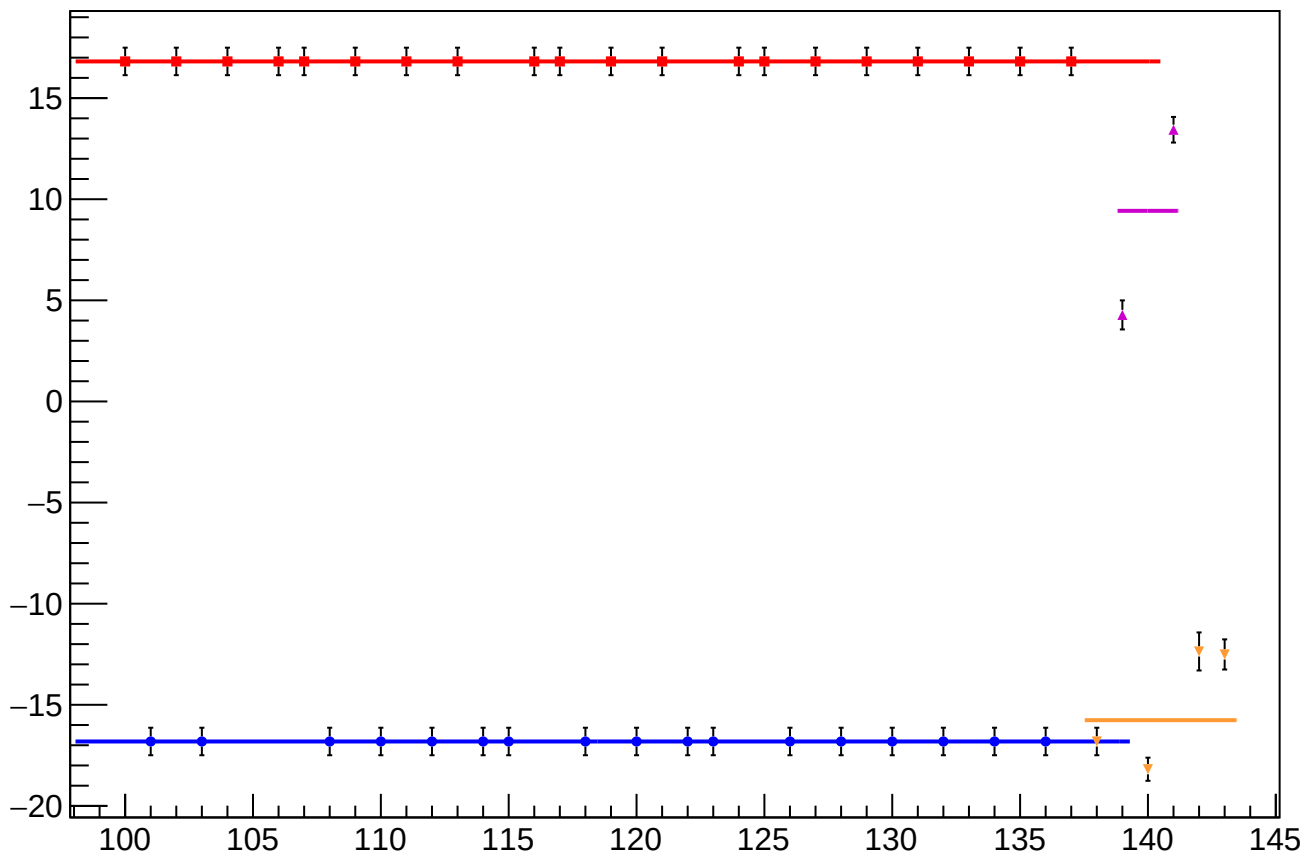
Left In: 0.020 ± 0.011 χ^2/NDF : 1.3/1

-0.092 ± 0.007 χ^2/NDF : 559.2/20

0.006 ± 0.005 χ^2/NDF : 1676.3/42

0.126 ± 0.008 χ^2/NDF : 701.8/21

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.814 +/- 0.165 χ^2/NDF : 0.0/16

Left Out: -15.761 +/- 0.350 χ^2/NDF : 52.4/3

Right Out: 16.814 +/- 0.152 χ^2/NDF : 0.0/19

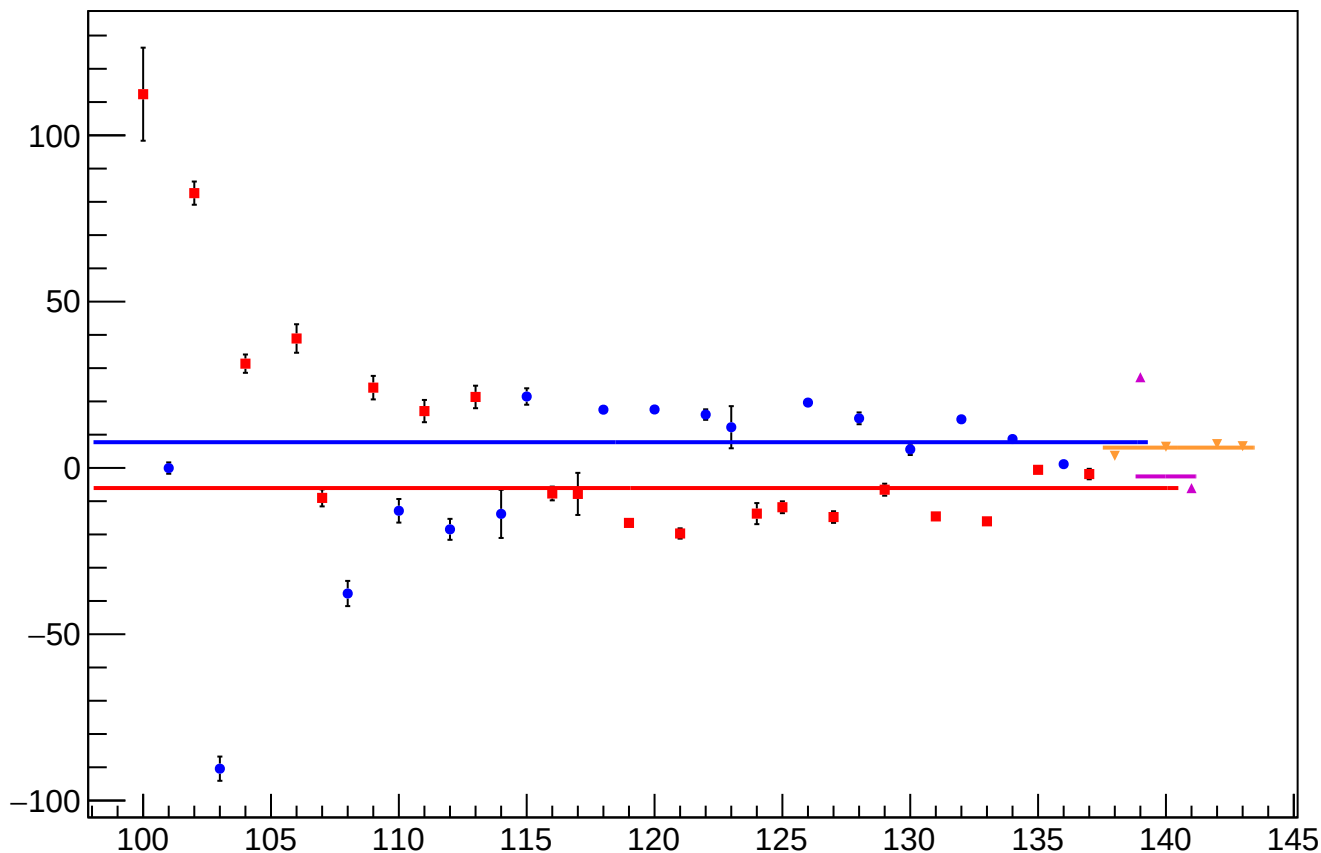
Left In: 9.425 +/- 0.475 χ^2/NDF : 91.4/1

-16.623 +/- 0.149 χ^2/NDF : 59.8/20

0.242 +/- 0.104 χ^2/NDF : 25166.3/42

16.128 +/- 0.145 χ^2/NDF : 310.6/21

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

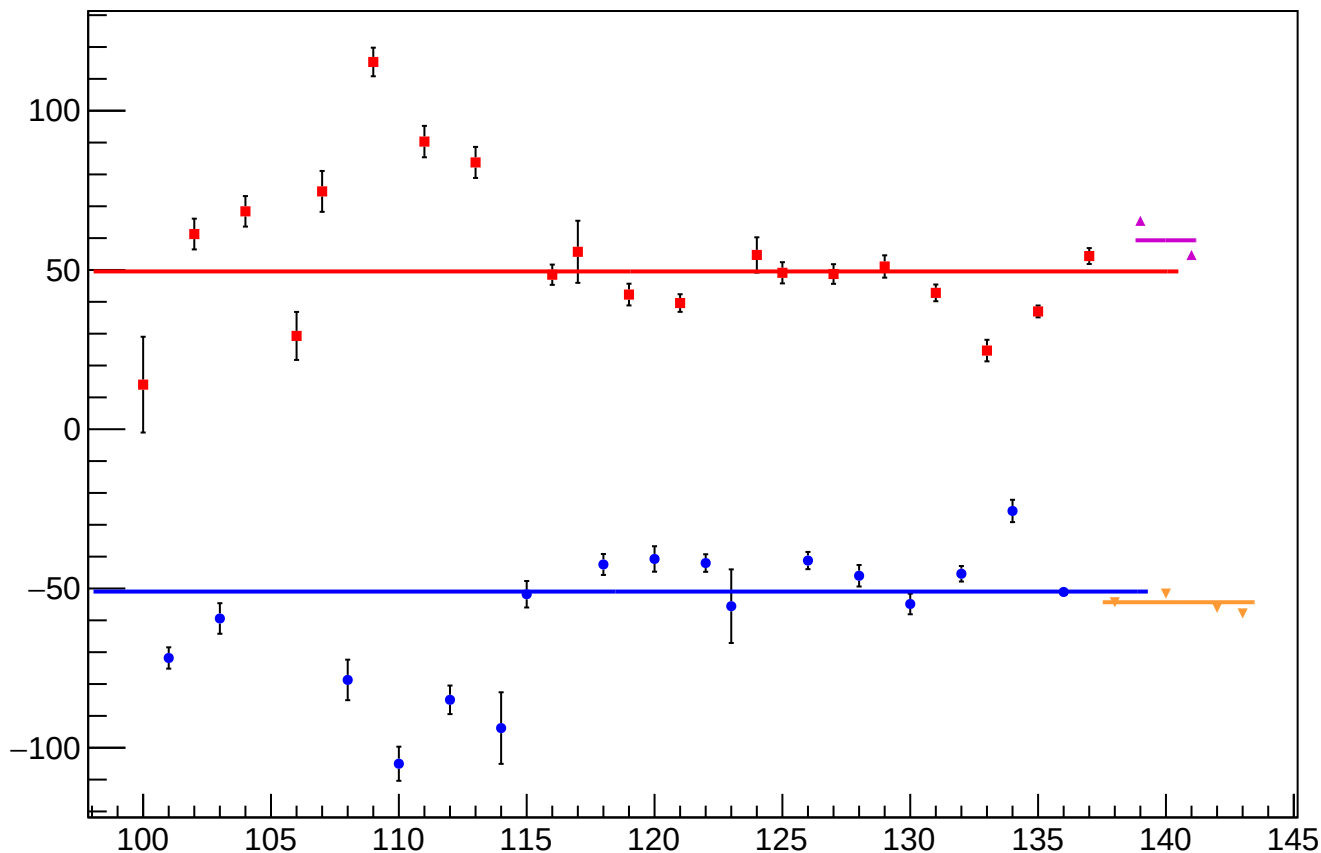
Left In: -2.553 ± 0.425 χ^2/NDF : 582.0/1

6.613 ± 0.224 χ^2/NDF : 1388.2/20

2.766 ± 0.180 χ^2/NDF : 4347.7/42

-4.266 ± 0.303 χ^2/NDF : 2127.4/21

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.966 $\pm$ 0.738 χ^2/NDF : 332.7/16

Left Out: -54.319 $\pm$ 0.375 χ^2/NDF :42.5/3

Right Out: 49.538 $\pm$ 0.795 χ^2/NDF : 510.8/19

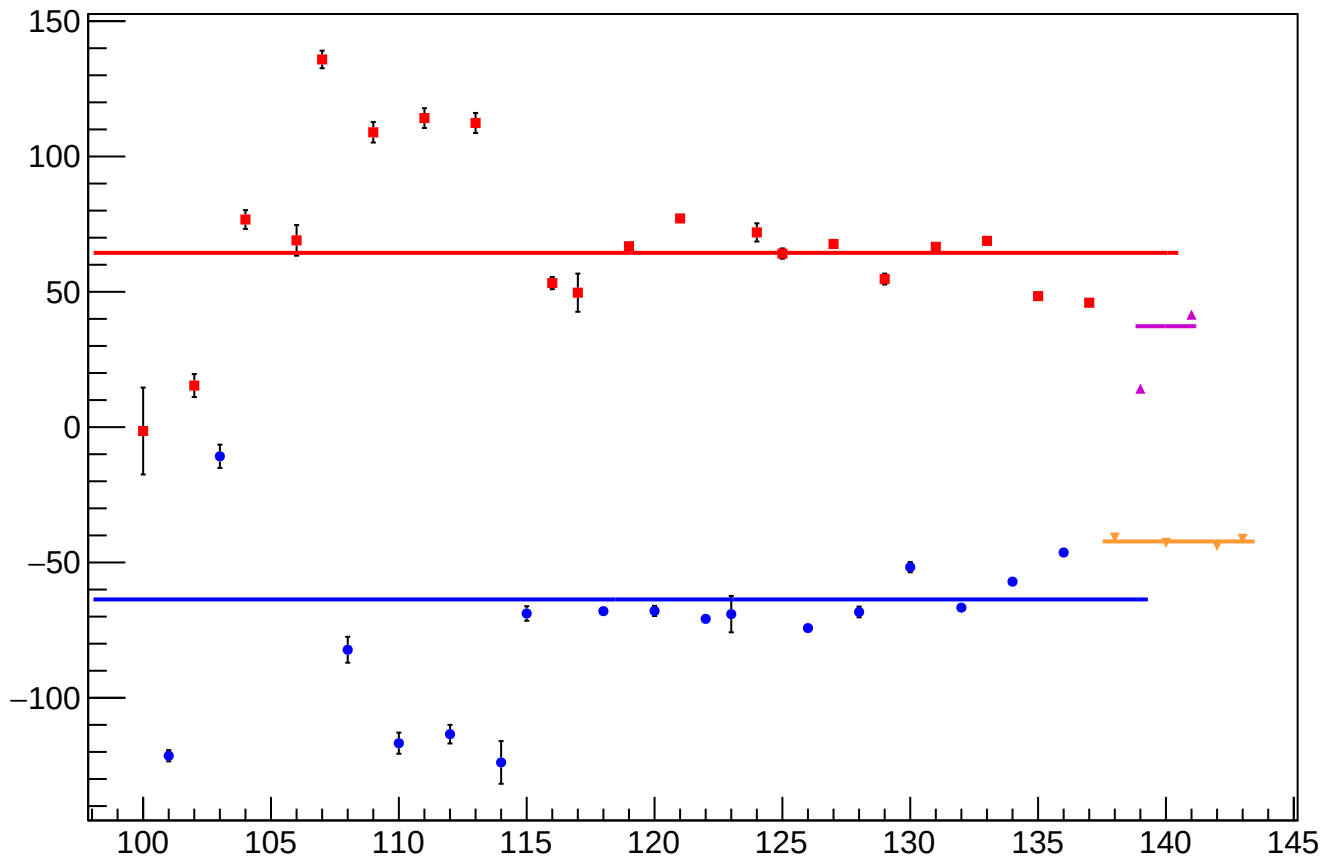
Left In: 59.313 $\pm$ 0.509 χ^2/NDF :108.8/1

-53.630 $\pm$ 0.334 χ^2/NDF : 391.5/20

-11.964 $\pm$ 0.264 χ^2/NDF : 42130.8/42

56.469 $\pm$ 0.429 χ^2/NDF : 726.9/21

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

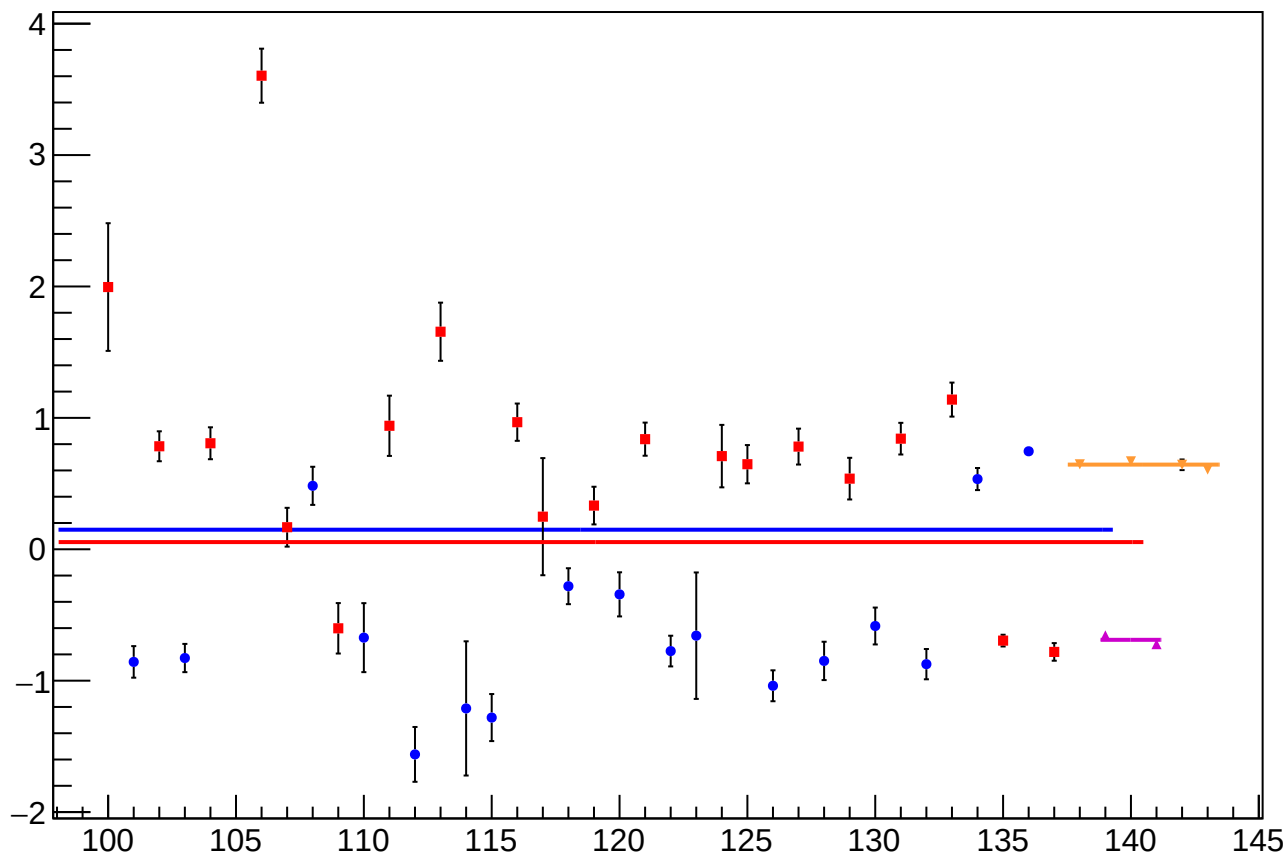
Left In: 37.288 ± 0.498 χ^2/NDF : 397.6/1

-49.646 ± 0.262 χ^2/NDF : 3540.9/20

-12.847 ± 0.209 χ^2/NDF : 61148.4/42

51.302 ± 0.346 χ^2/NDF : 3541.5/21

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149+/-0.024 χ^2/NDF : 989.9/16

Left Out: 0.644+/-0.016 χ^2/NDF : 2.3/3

Right Out: 0.055+/-0.026 χ^2/NDF : 1168.0/19

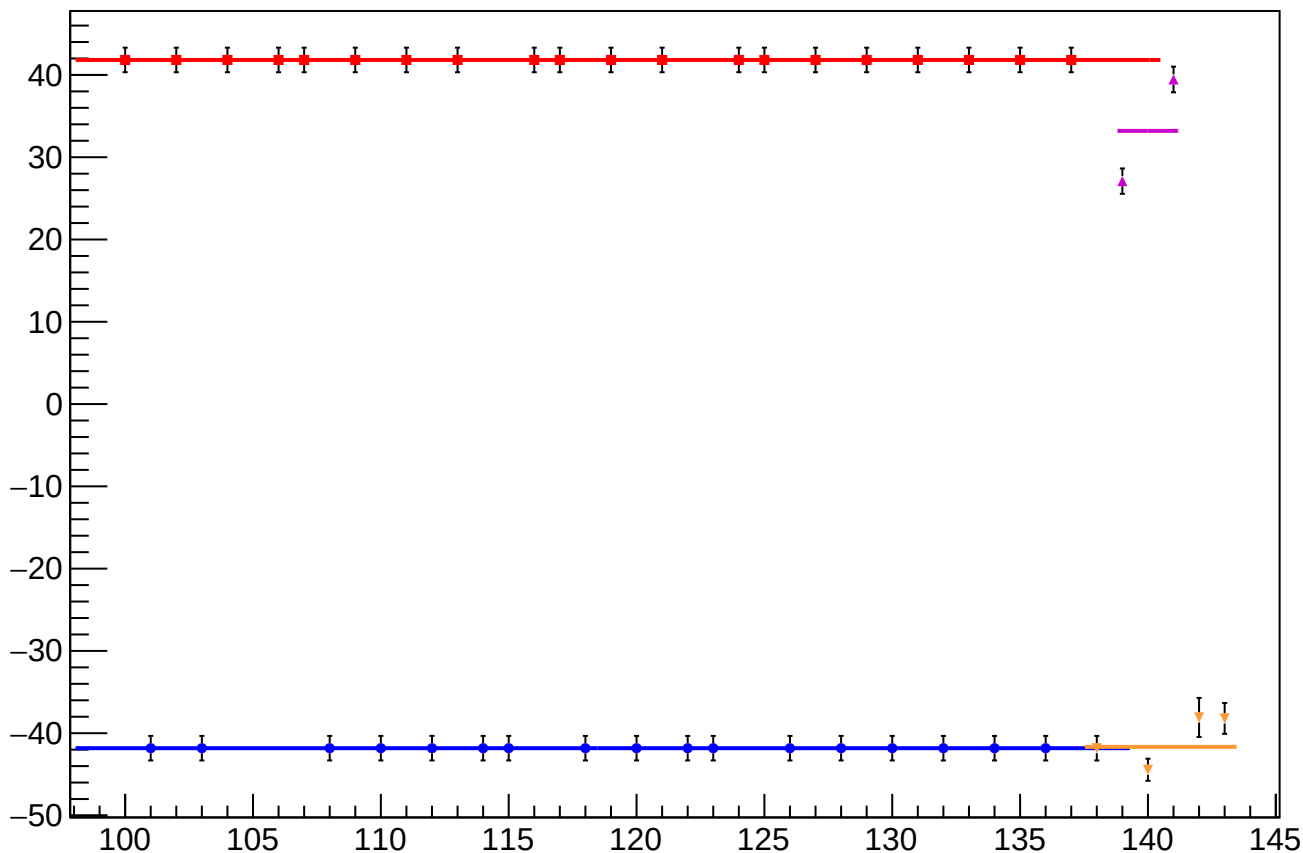
Left In: -0.689+/-0.019 χ^2/NDF : 3.0/1

0.498+/-0.013 χ^2/NDF : 1293.3/20

0.118+/-0.010 χ^2/NDF : 5057.3/42

-0.425+/-0.016 χ^2/NDF : 1693.1/21

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.821 ± 0.362 χ^2/NDF : 0.0/16

Left Out: -41.661 ± 0.826 χ^2/NDF : 10.0/3

Right Out: 41.821 ± 0.334 χ^2/NDF : 0.0/19

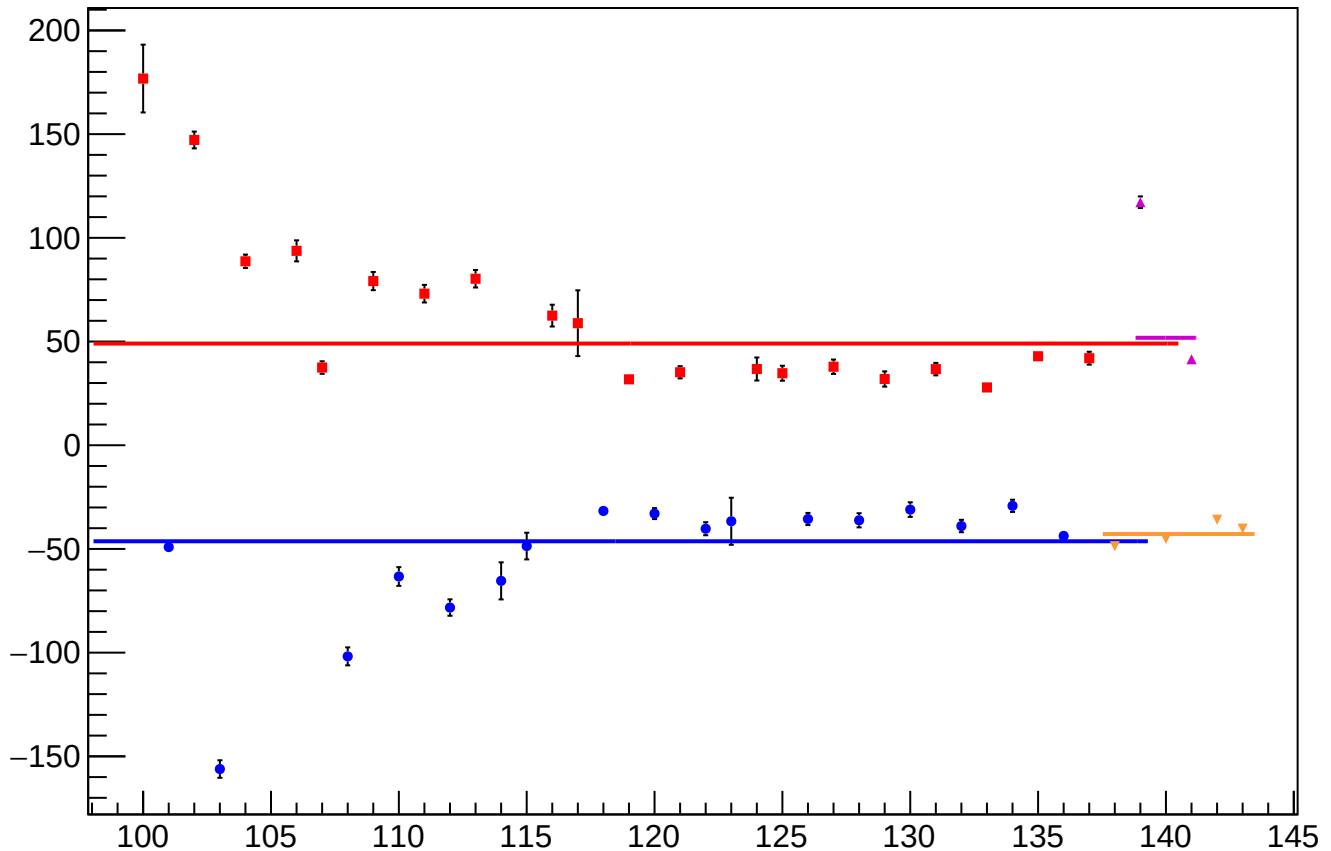
Left In: 33.203 ± 1.096 χ^2/NDF : 31.8/1

-41.796 ± 0.331 χ^2/NDF : 10.0/20

1.210 ± 0.230 χ^2/NDF : 32536.0/42

41.090 ± 0.319 χ^2/NDF : 88.4/21

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

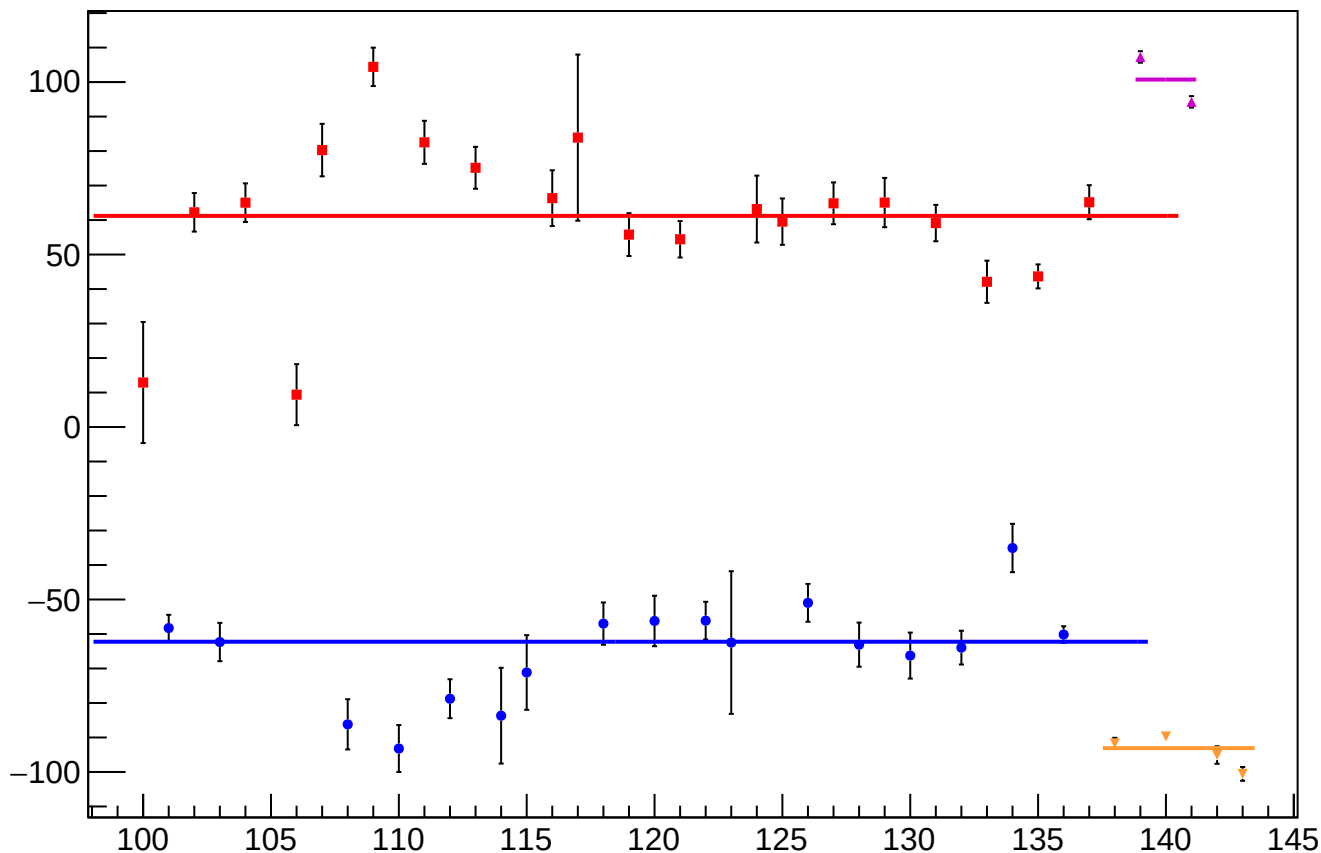
Left In: 51.806 ± 1.032 χ^2/NDF : 634.8/1

-44.381 ± 0.486 χ^2/NDF : 1142.2/20

-8.023 ± 0.381 χ^2/NDF : 17612.3/42

50.012 ± 0.613 χ^2/NDF : 1911.6/21

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

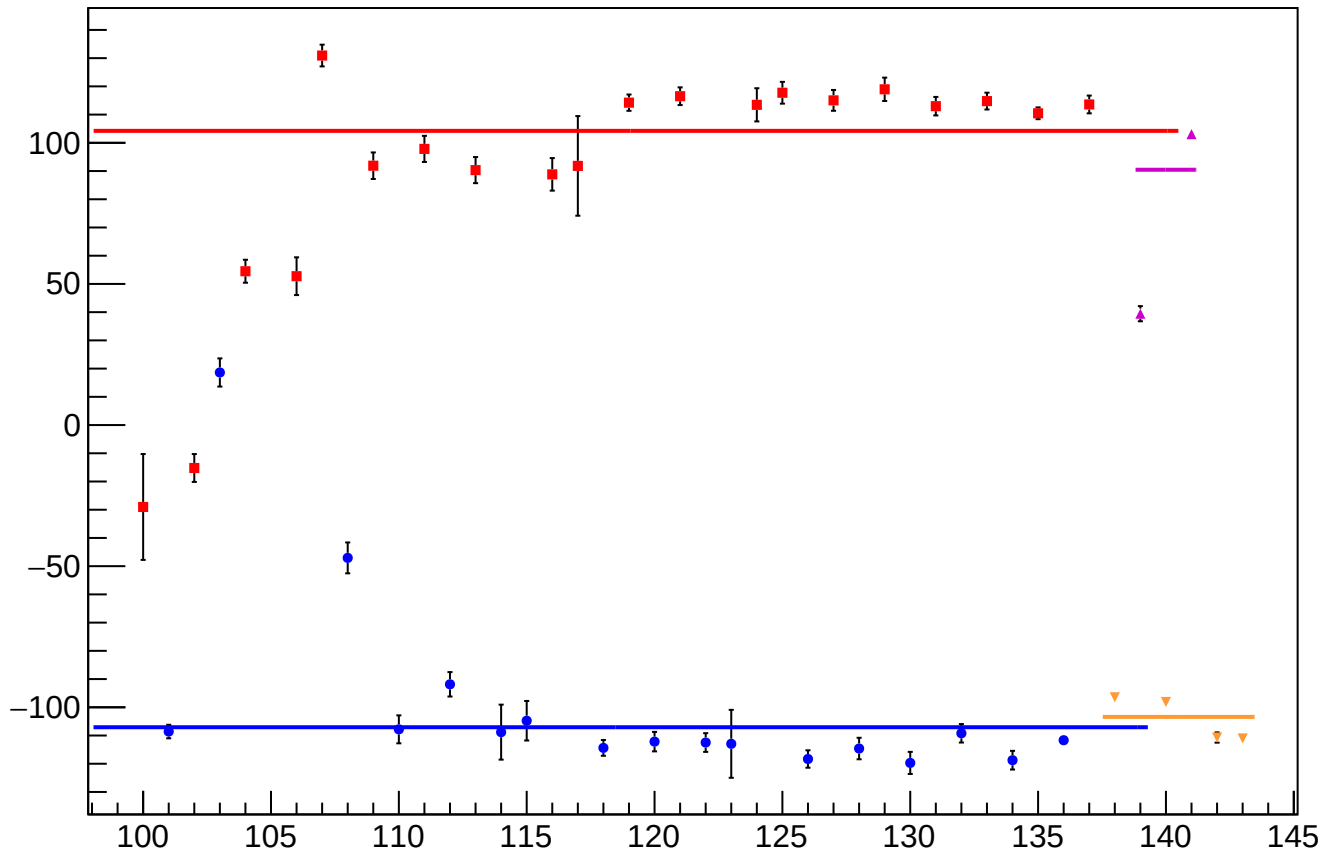
Left In: 100.733 ± 1.176 χ^2/NDF : 30.6/1

-83.419 ± 0.733 χ^2/NDF : 468.8/20

-16.051 ± 0.567 χ^2/NDF : 22120.6/42

84.077 ± 0.894 χ^2/NDF : 673.4/21

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

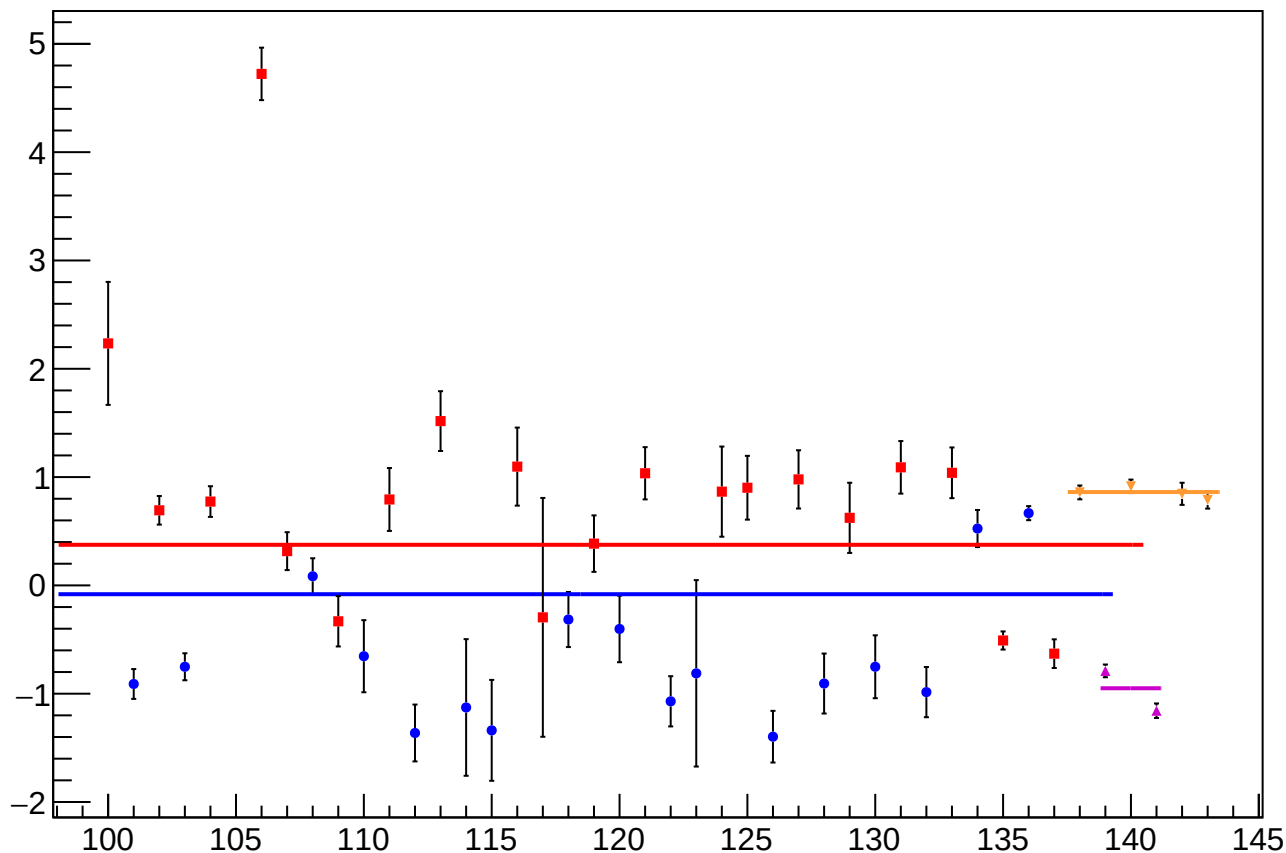
Left In: 90.462 ± 1.197 χ^2/NDF : 448.8/1

-105.169 ± 0.563 χ^2/NDF : 911.8/20

-24.478 ± 0.439 χ^2/NDF : 54515.7/42

99.551 ± 0.698 χ^2/NDF : 1555.3/21

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

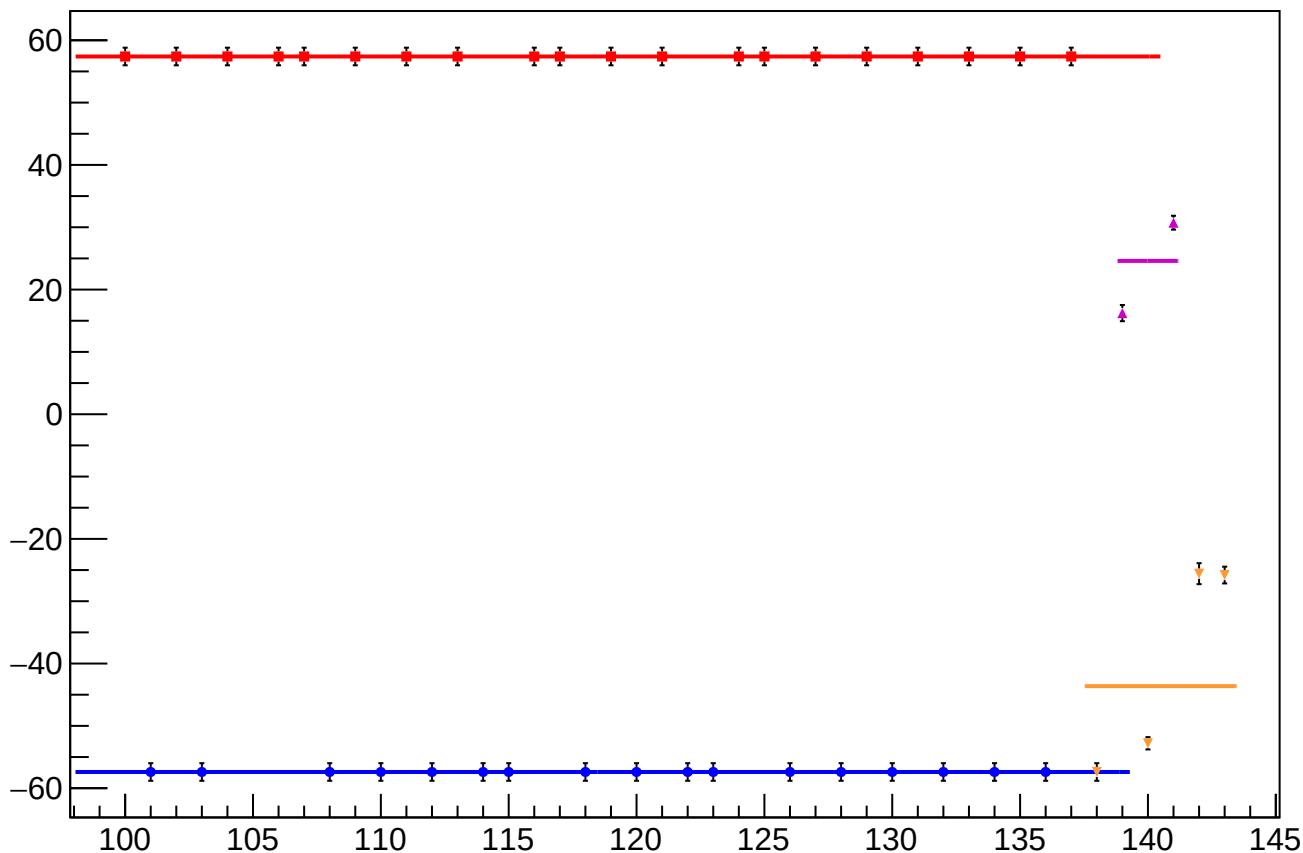
Left In: -0.950 ± 0.044 χ^2/NDF : 17.0/1

0.459 ± 0.028 χ^2/NDF : 617.2/20

0.134 ± 0.021 χ^2/NDF : 1987.0/42

-0.282 ± 0.031 χ^2/NDF : 1052.5/21

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -57.398 ± 0.343 χ^2/NDF : 0.0/16

Left Out: -43.623 ± 0.642 χ^2/NDF : 471.4/3

Right Out: 57.398 ± 0.316 χ^2/NDF : 0.0/19

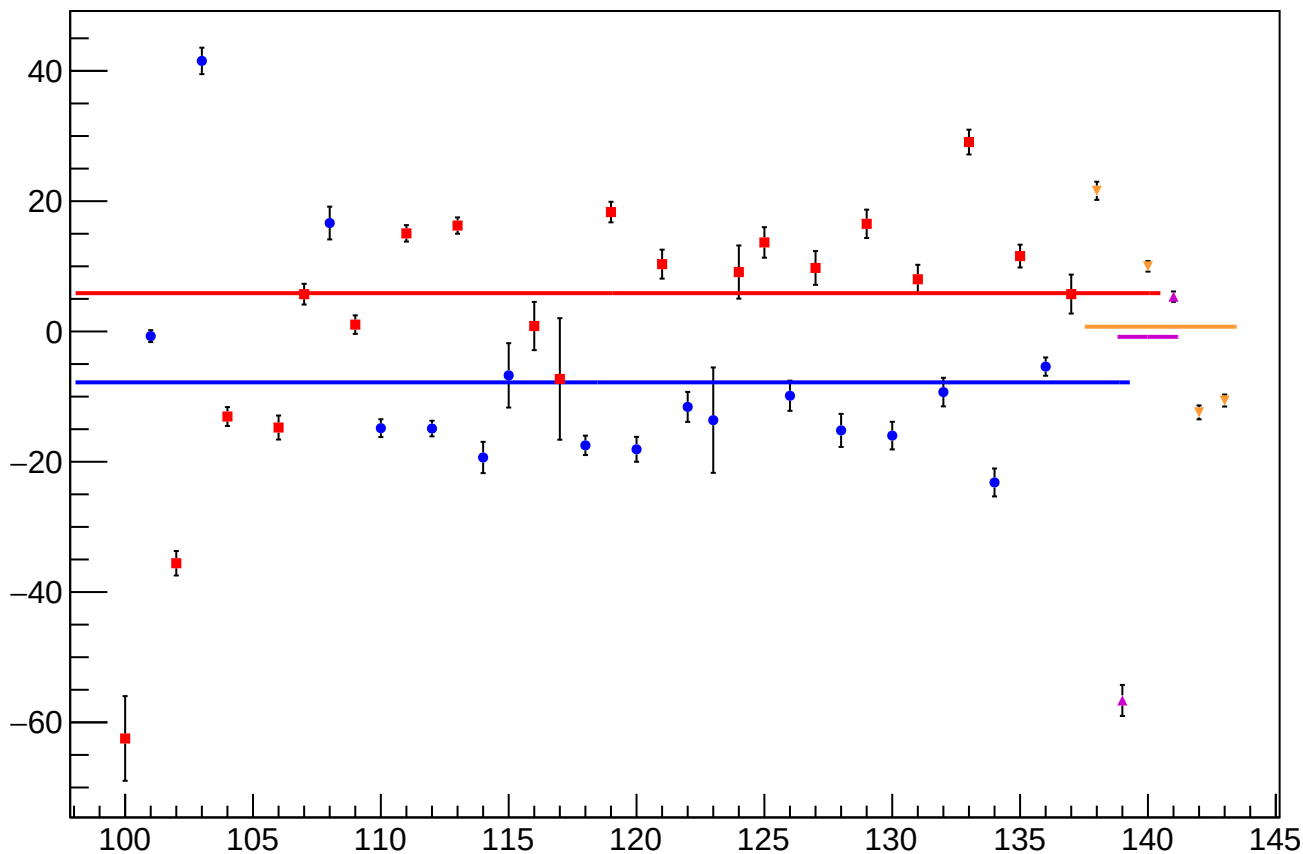
Left In: 24.599 ± 0.845 χ^2/NDF : 71.8/1

-54.337 ± 0.303 χ^2/NDF : 829.5/20

0.655 ± 0.212 χ^2/NDF : 66901.8/42

53.370 ± 0.296 χ^2/NDF : 1392.1/21

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

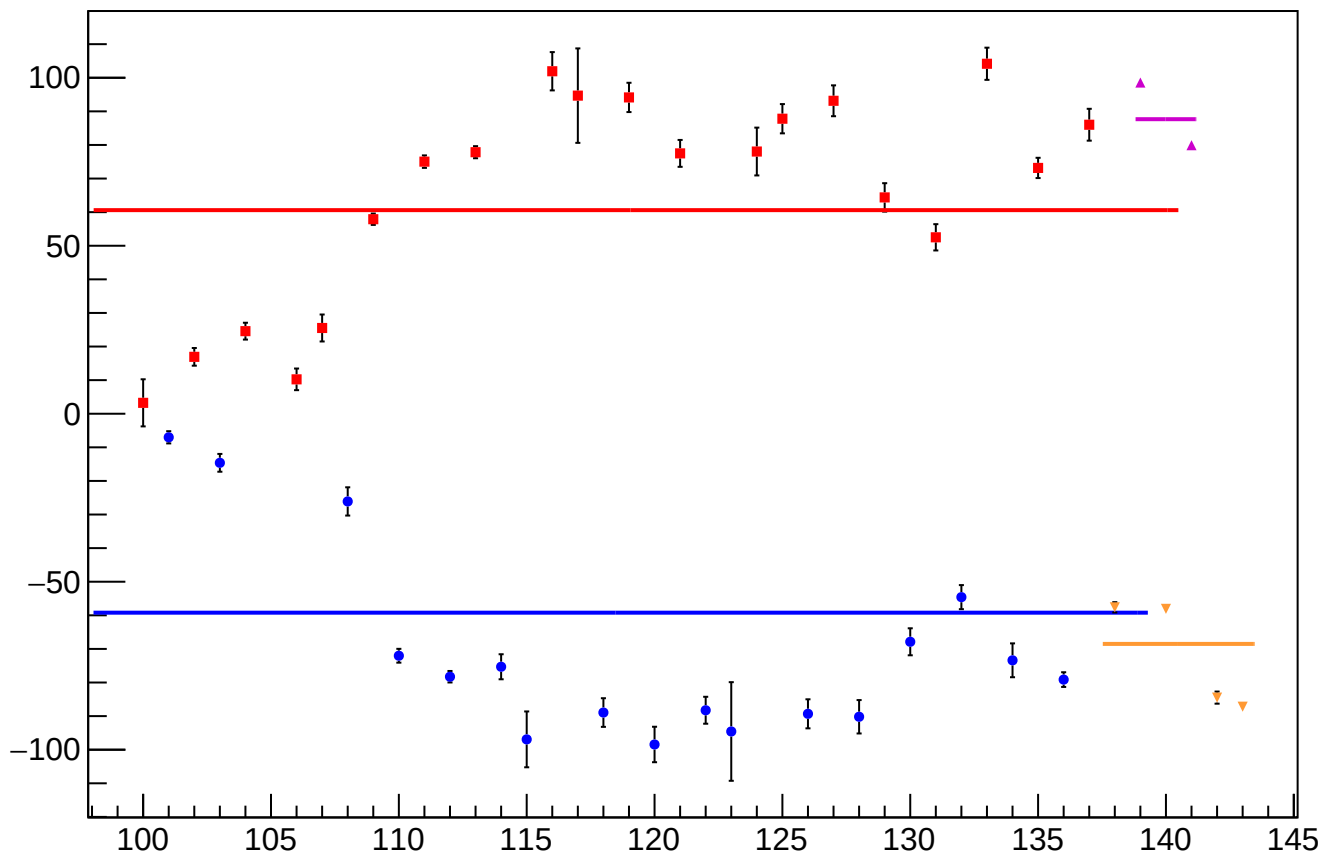
Left In: -0.824 ± 0.751 χ^2/NDF : 610.4/1

-4.153 ± 0.323 χ^2/NDF : 1812.9/20

-0.551 ± 0.244 χ^2/NDF : 4067.9/42

4.233 ± 0.372 χ^2/NDF : 1965.5/21

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

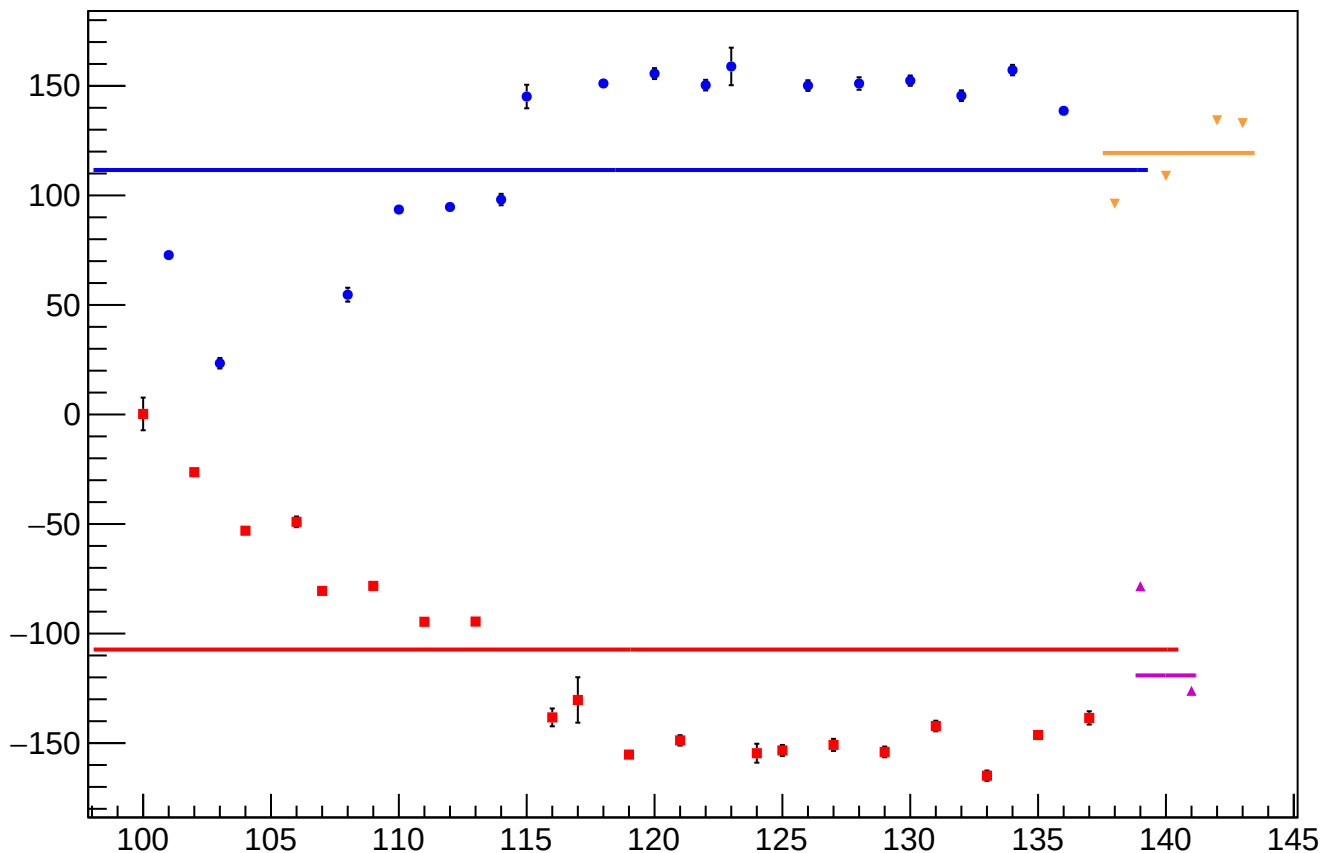
Left In: 87.669+/-0.905 χ^2/NDF : 103.2/1

-64.230+/-0.505 χ^2/NDF : 2201.6/20

-3.156+/-0.373 χ^2/NDF : 36630.3/42

70.792+/-0.555 χ^2/NDF : 2050.8/21

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.599+/-0.487 χ^2/NDF : 5959.5/16

Left Out: 119.388+/-0.592 χ^2/NDF : 607.1/3

Right Out: -107.289+/-0.487 χ^2/NDF : 7042.4/19

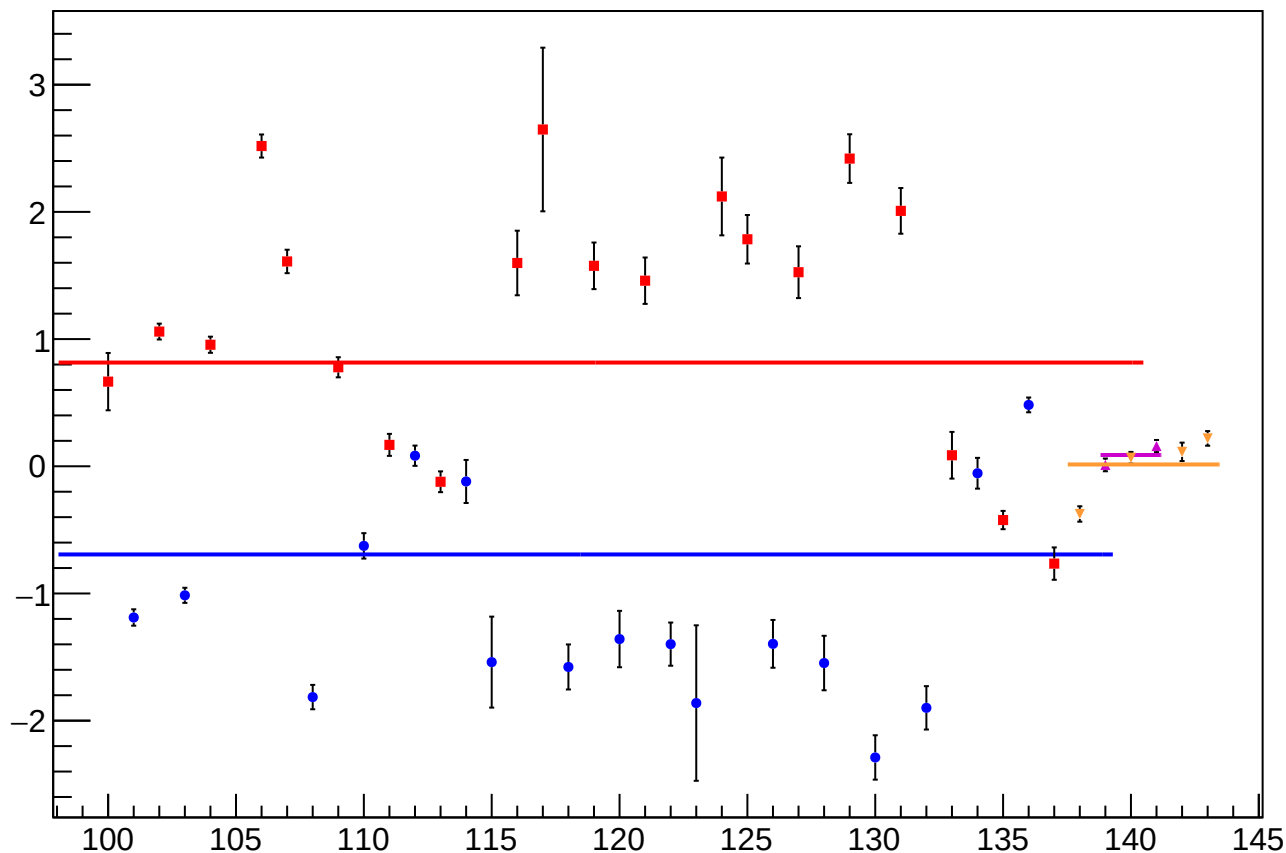
Left In: -119.099+/-0.880 χ^2/NDF : 369.5/1

114.739+/-0.376 χ^2/NDF : 6669.9/20

16.390+/-0.282 χ^2/NDF : 170690.5/42

-110.059+/-0.426 χ^2/NDF : 7549.7/21

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.693 ± 0.026 $\chi^2/\text{NDF}: 993.1/16$

Left Out: 0.014 ± 0.028 $\chi^2/\text{NDF}: 57.2/3$

Right Out: 0.815 ± 0.024 $\chi^2/\text{NDF}: 1318.8/19$

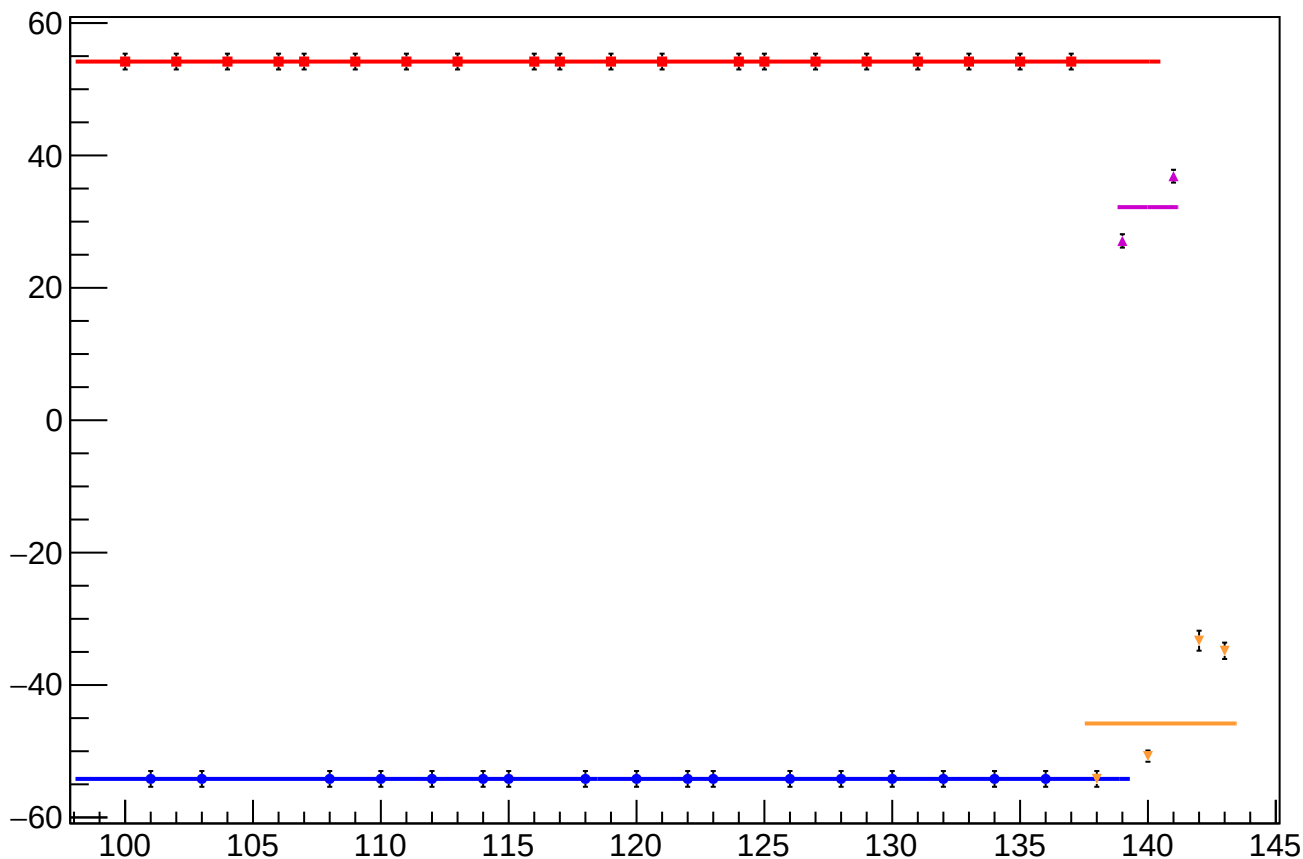
Left In: 0.089 ± 0.035 $\chi^2/\text{NDF}: 4.6/1$

-0.373 ± 0.019 $\chi^2/\text{NDF}: 1390.9/20$

0.081 ± 0.014 $\chi^2/\text{NDF}: 4193.2/42$

0.575 ± 0.020 $\chi^2/\text{NDF}: 1618.7/21$

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -54.179 ± 0.289 χ^2/NDF : 0.0/16

Left Out: -45.810 ± 0.561 χ^2/NDF : 230.6/3

Right Out: 54.179 ± 0.267 χ^2/NDF : 0.0/19

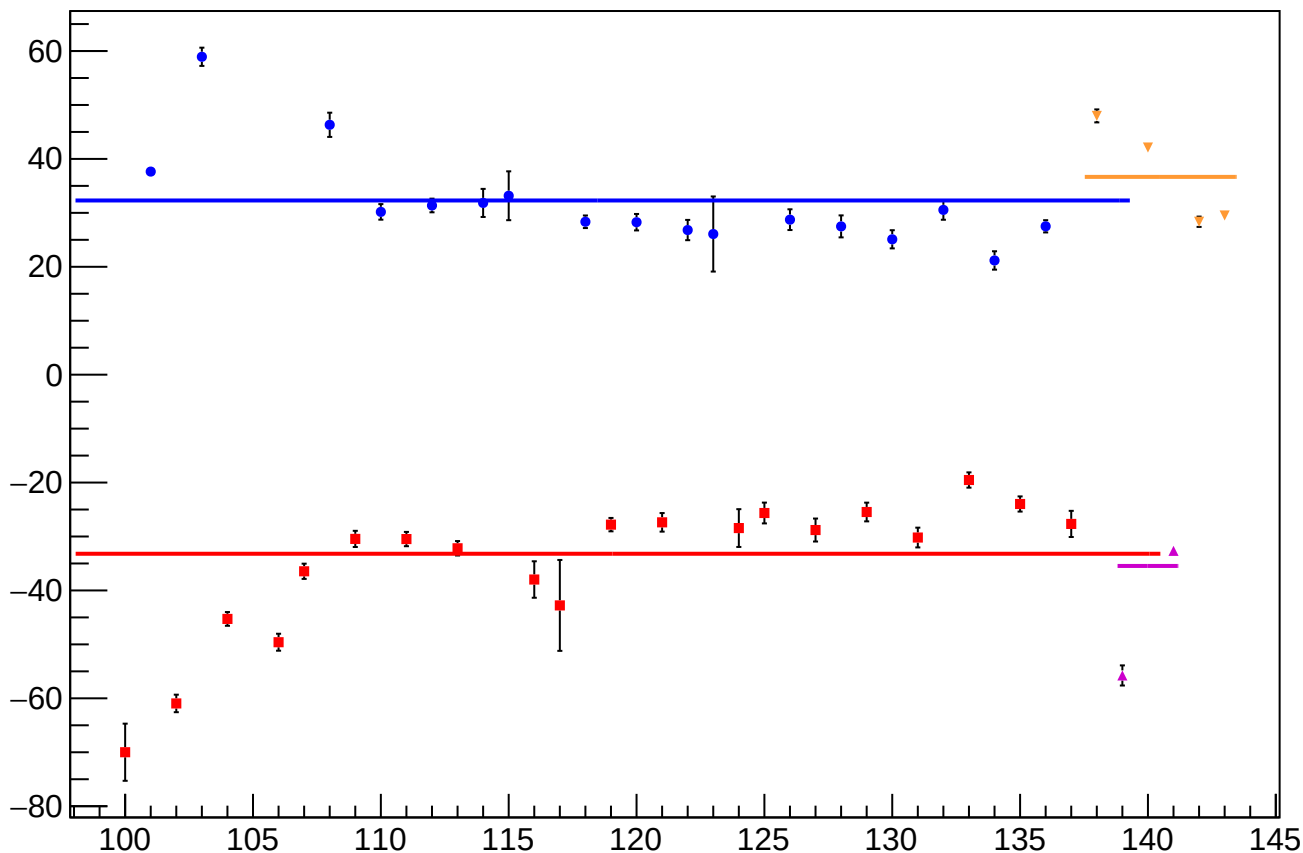
Left In: 32.189 ± 0.701 χ^2/NDF : 48.5/1

-52.418 ± 0.257 χ^2/NDF : 406.5/20

1.085 ± 0.179 χ^2/NDF : 85265.9/42

51.397 ± 0.249 χ^2/NDF : 907.6/21

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.295 ± 0.373 $\chi^2/\text{NDF}: 452.2/16$

Left Out: 36.669 ± 0.438 $\chi^2/\text{NDF}: 295.4/3$

Right Out: -33.199 ± 0.379 $\chi^2/\text{NDF}: 771.6/19$

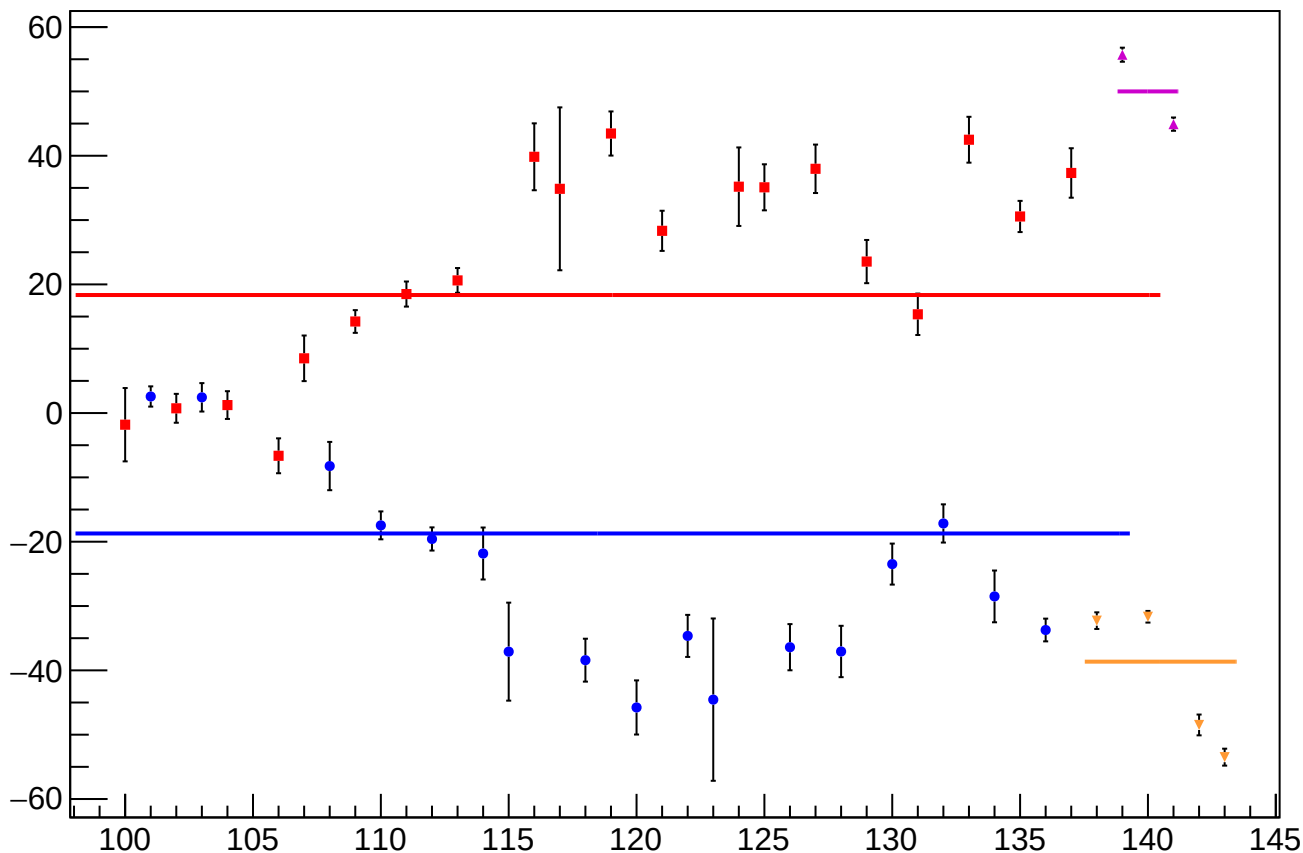
Left In: -35.459 ± 0.649 $\chi^2/\text{NDF}: 134.8/1$

34.133 ± 0.284 $\chi^2/\text{NDF}: 805.5/20$

4.979 ± 0.214 $\chi^2/\text{NDF}: 26312.1/42$

-33.772 ± 0.327 $\chi^2/\text{NDF}: 915.4/21$

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

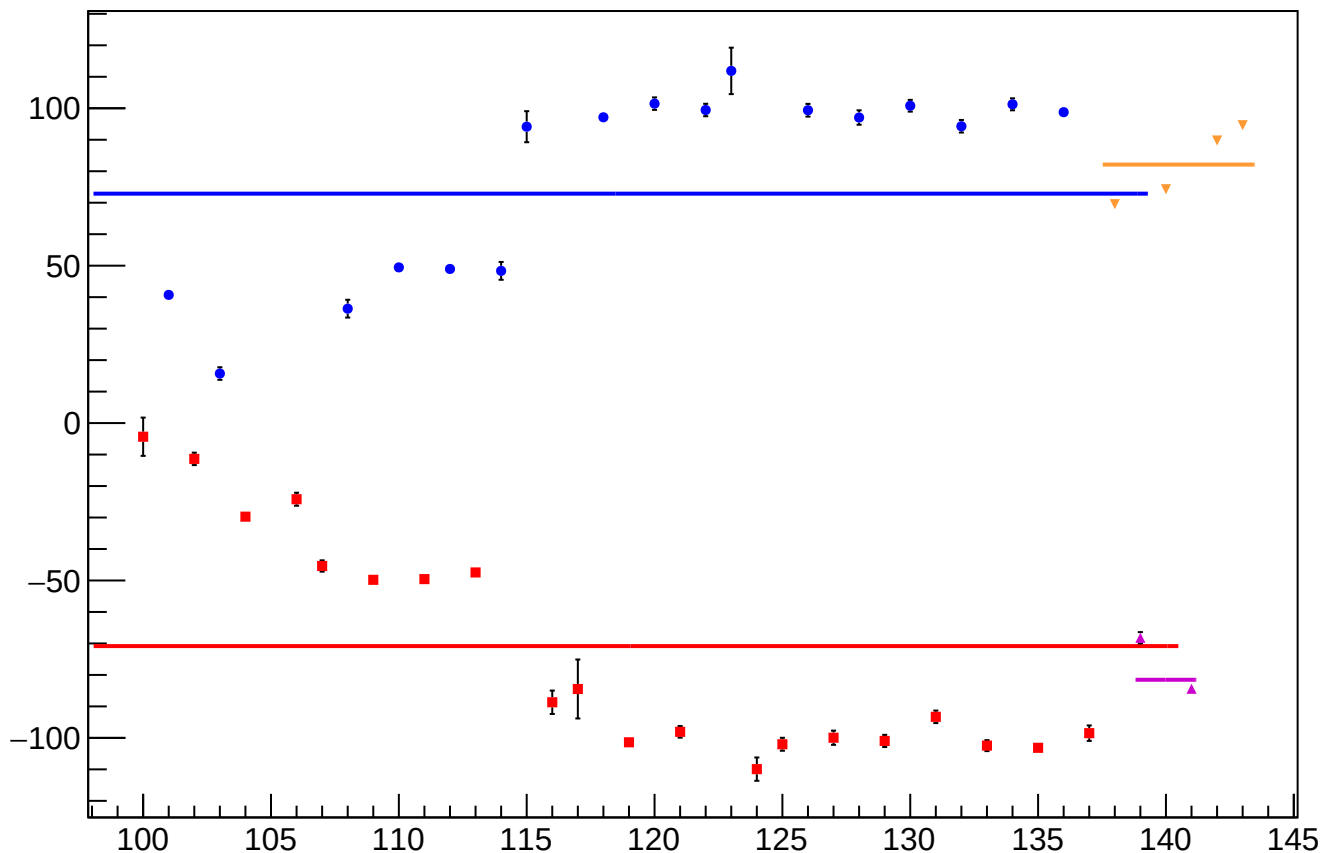
Left In: 49.999 ± 0.751 χ^2/NDF : 51.5/1

-29.709 ± 0.446 χ^2/NDF : 1262.0/20

-1.786 ± 0.329 χ^2/NDF : 11450.3/42

31.730 ± 0.488 χ^2/NDF : 1551.1/21

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

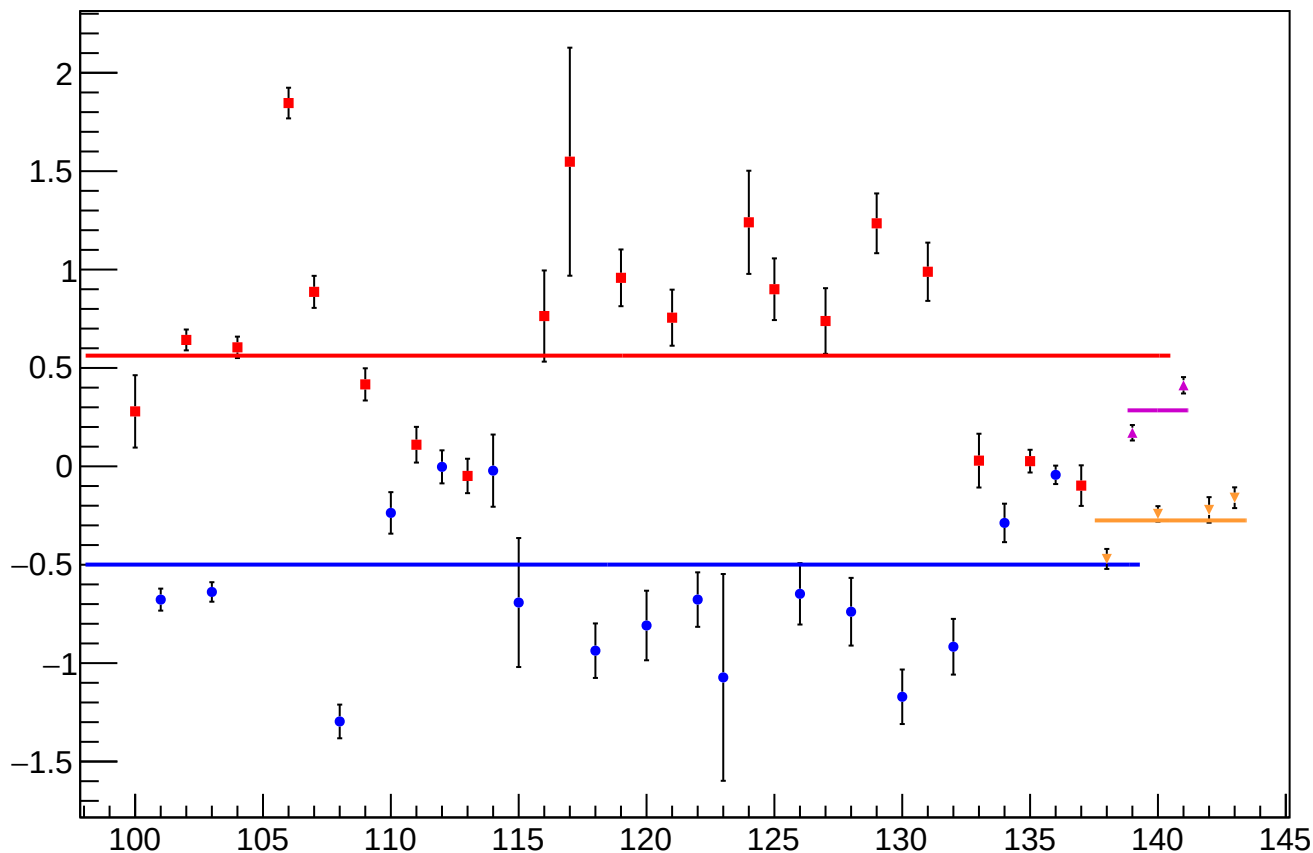
Left In: -81.539+/-0.756 χ^2/NDF : 66.8/1

76.551+/-0.330 χ^2/NDF : 5289.3/20

11.104+/-0.248 χ^2/NDF : 100987.9/42

-73.486+/-0.376 χ^2/NDF : 5709.0/21

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

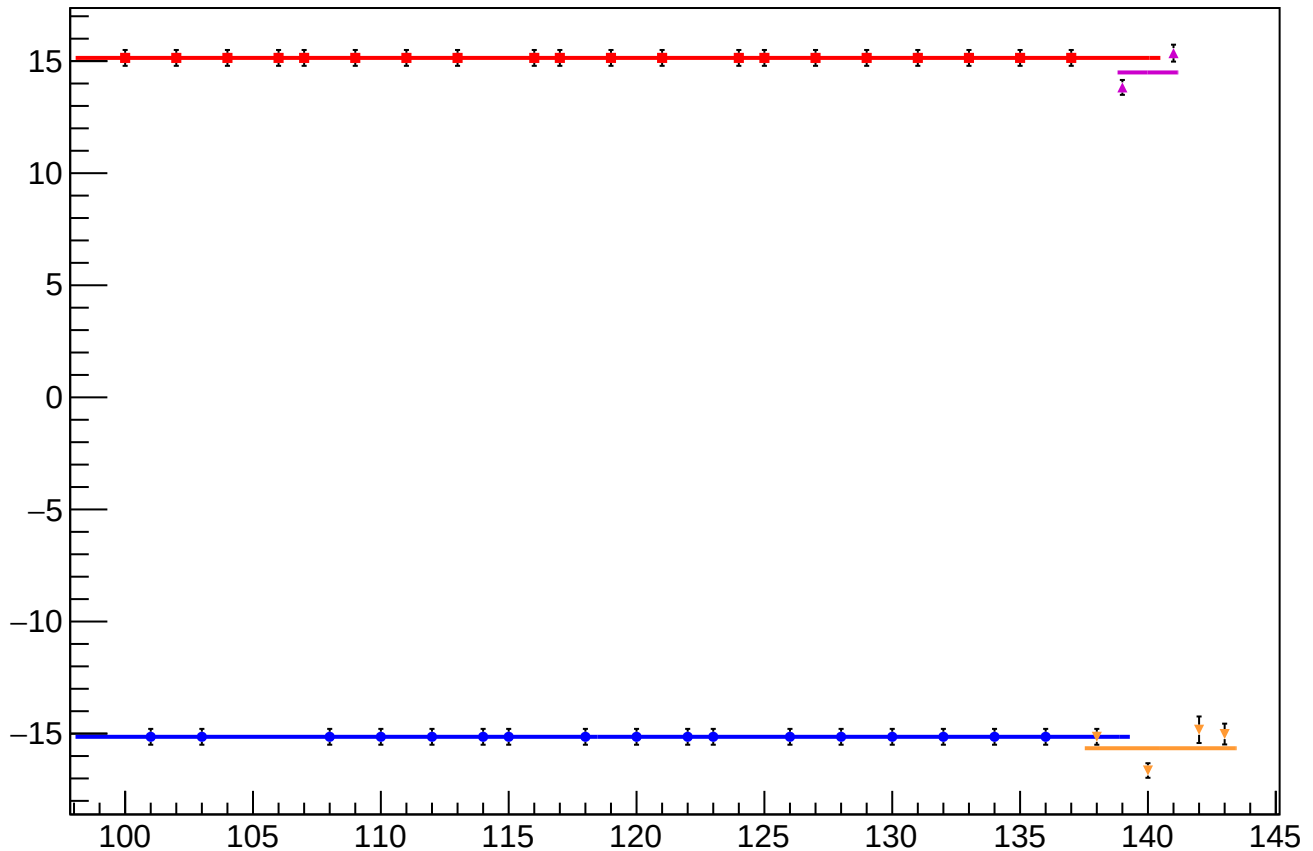
Left In: 0.285 ± 0.029 χ^2/NDF : 17.8/1

-0.399 ± 0.017 χ^2/NDF : 369.9/20

0.018 ± 0.012 χ^2/NDF : 2321.5/42

0.463 ± 0.017 χ^2/NDF : 643.7/21

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.142 $\pm$ 0.086 χ^2 /NDF: 0.0/16

Left Out: -15.652 $\pm$ 0.200 χ^2 /NDF:15.2/3

Right Out: 15.142 $\pm$ 0.079 χ^2 /NDF: 0.0/19

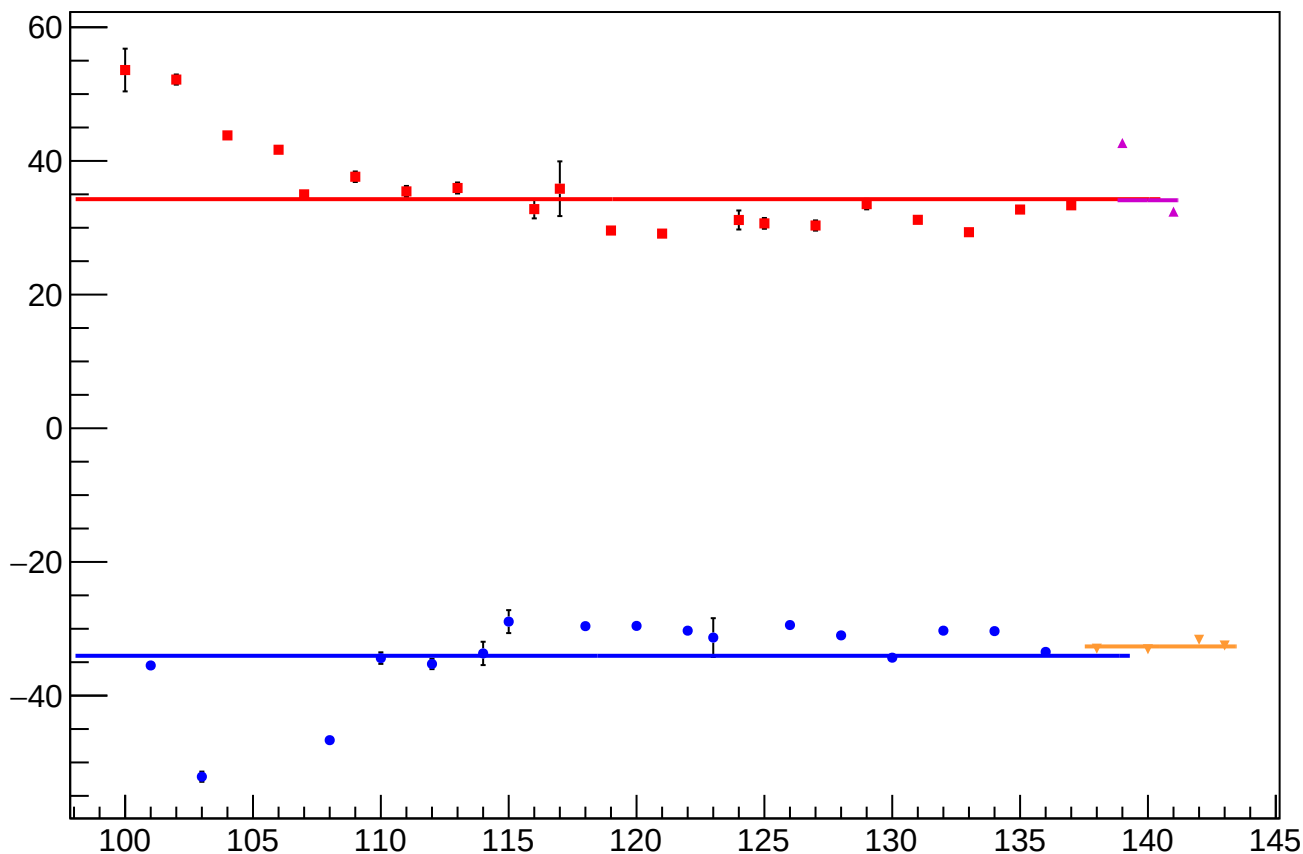
Left In: 14.494 $\pm$ 0.250 χ^2 /NDF:9.2/1

-15.221 $\pm$ 0.079 χ^2 /NDF: 20.7/20

0.611 $\pm$ 0.054 χ^2 /NDF: 77286.7/42

15.083 $\pm$ 0.075 χ^2 /NDF: 15.4/21

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.042 ± 0.151 $\chi^2/\text{NDF}: 1340.8/16$

Left Out: -32.643 ± 0.161 $\chi^2/\text{NDF}: 10.6/3$

Right Out: 34.279 ± 0.151 $\chi^2/\text{NDF}: 1349.6/19$

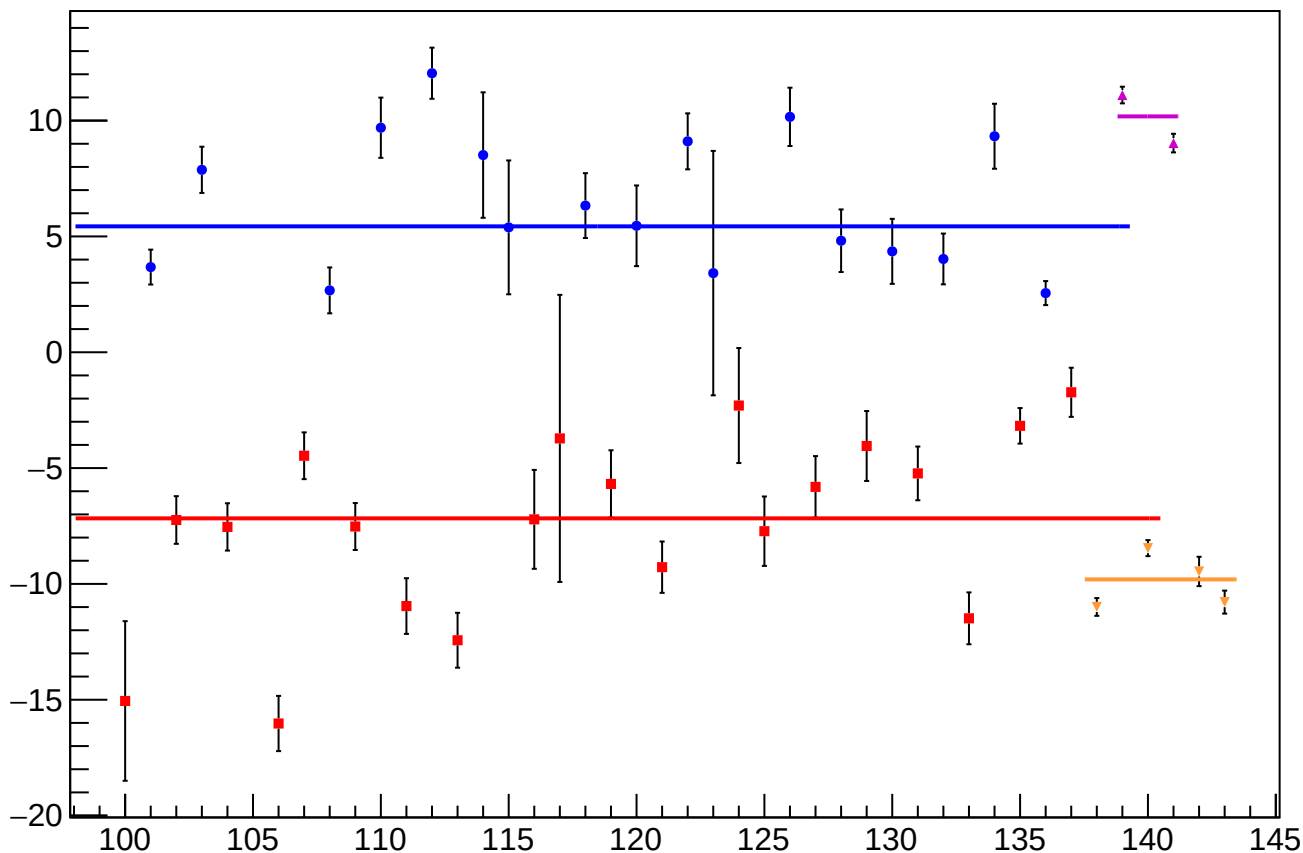
Left In: 34.118 ± 0.247 $\chi^2/\text{NDF}: 239.9/1$

-33.391 ± 0.110 $\chi^2/\text{NDF}: 1391.5/20$

-4.769 ± 0.084 $\chi^2/\text{NDF}: 162457.5/42$

34.235 ± 0.129 $\chi^2/\text{NDF}: 1589.8/21$

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

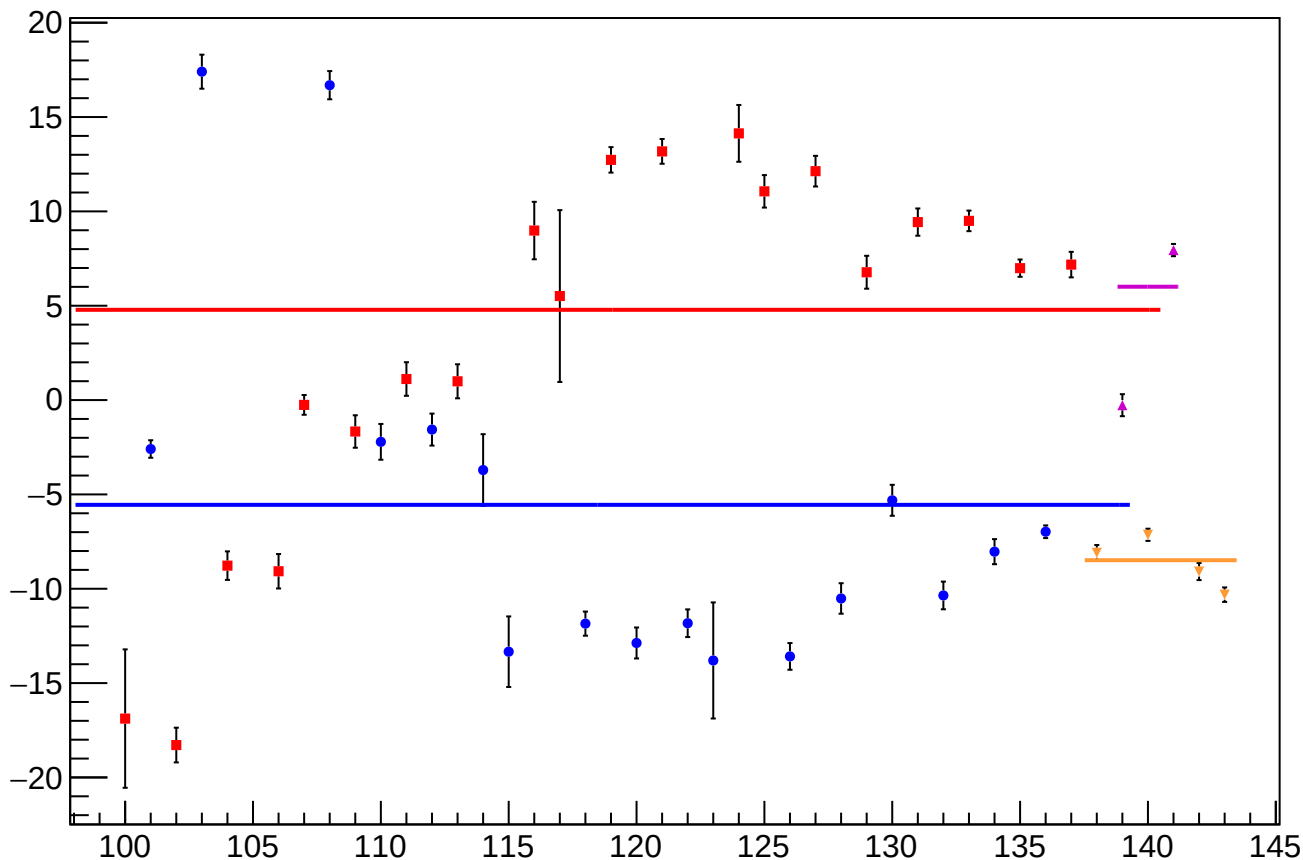
Left In: 10.182 ± 0.268 χ^2/NDF : 14.8/1

-3.889 ± 0.168 χ^2/NDF : 2116.5/20

-1.459 ± 0.126 χ^2/NDF : 4847.6/42

1.700 ± 0.191 χ^2/NDF : 2249.5/21

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Left Out: -8.489 ± 0.192 χ^2/NDF : 42.6/3

Right Out: 4.783 ± 0.173 χ^2/NDF : 2040.4/19

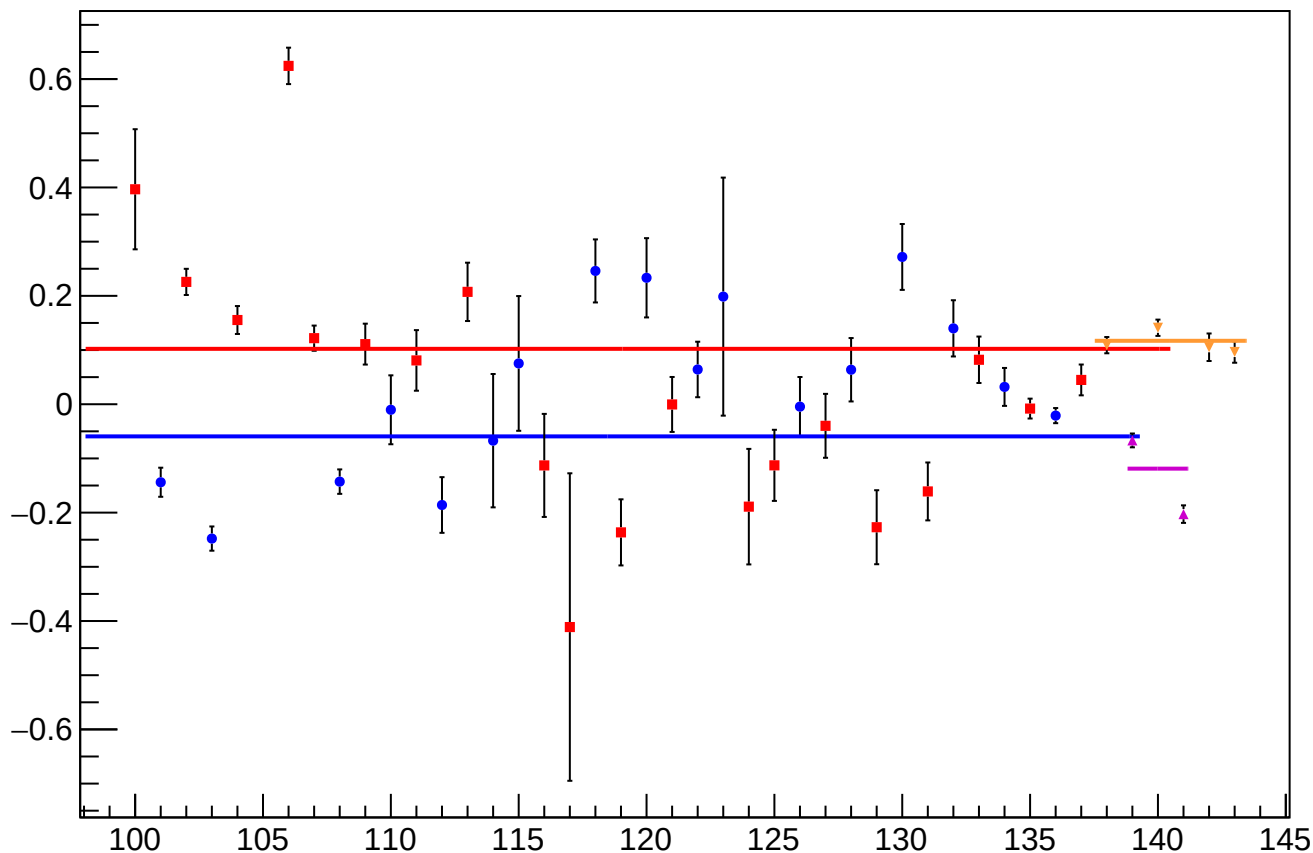
Left In: 6.008 ± 0.284 χ^2/NDF : 151.7/1

-6.841 ± 0.127 χ^2/NDF : 2298.9/20

-1.739 ± 0.096 χ^2/NDF : 8270.9/42

5.114 ± 0.147 χ^2/NDF : 2205.7/21

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

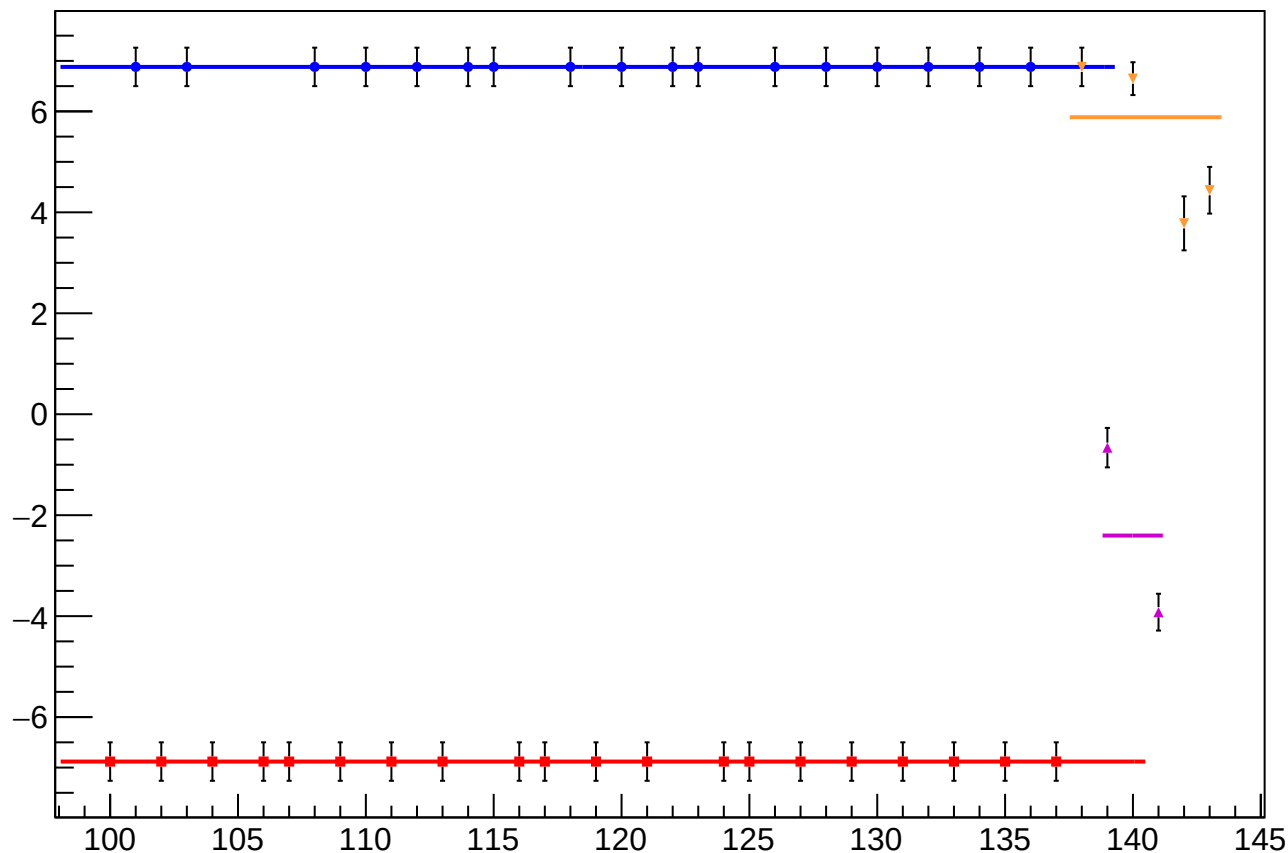
Left In: -0.119 ± 0.010 χ^2/NDF : 43.5/1

0.025 ± 0.006 χ^2/NDF : 432.6/20

0.018 ± 0.004 χ^2/NDF : 1202.8/42

0.011 ± 0.006 χ^2/NDF : 767.7/21

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.881 ± 0.092 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 5.884 ± 0.202 $\chi^2/\text{NDF}: 37.6/3$

Right Out: -6.881 ± 0.085 $\chi^2/\text{NDF}: 0.0/19$

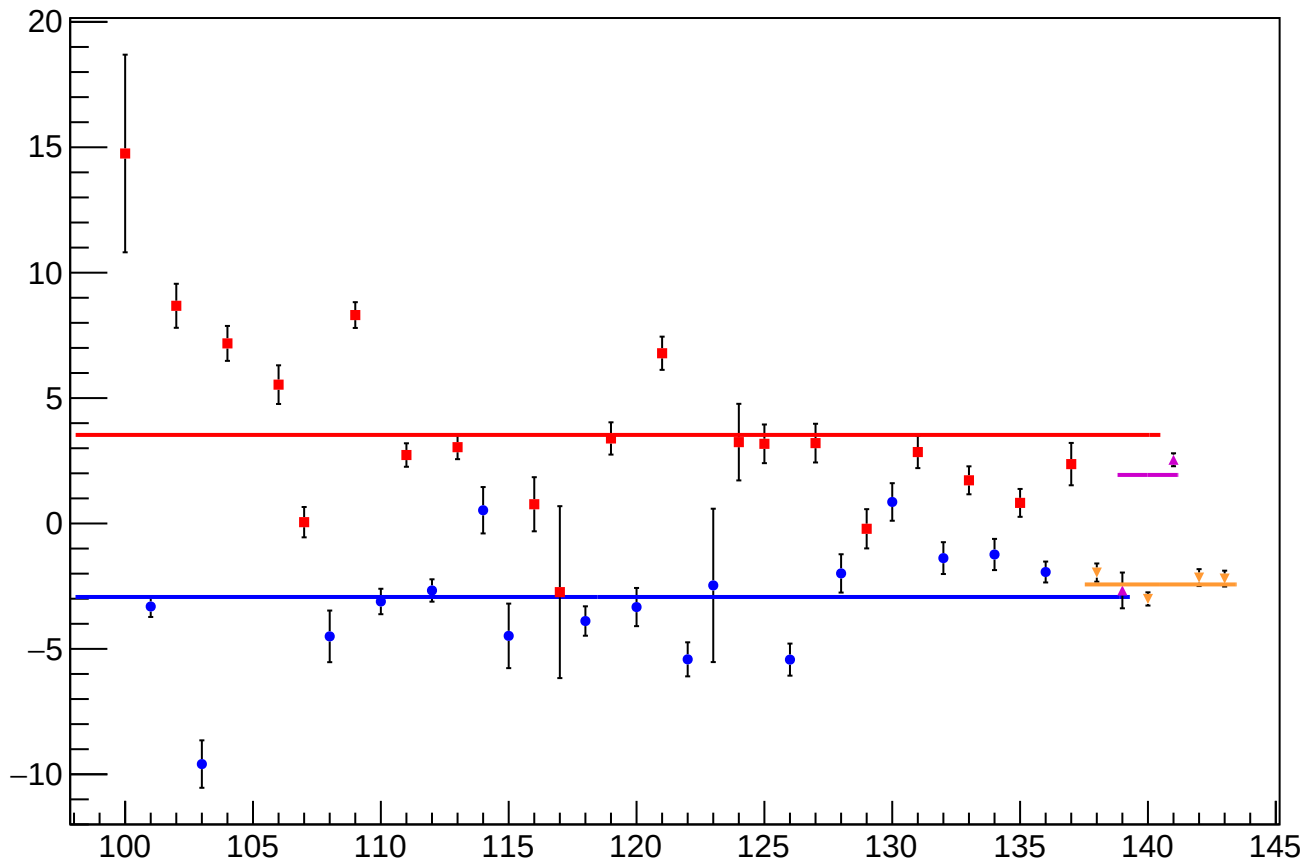
Left In: -2.404 ± 0.267 $\chi^2/\text{NDF}: 37.2/1$

6.708 ± 0.084 $\chi^2/\text{NDF}: 57.7/20$

-0.109 ± 0.058 $\chi^2/\text{NDF}: 13065.7/42$

-6.466 ± 0.081 $\chi^2/\text{NDF}: 293.2/21$

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.930 ± 0.154 $\chi^2/\text{NDF}: 146.5/16$

Left Out: -2.431 ± 0.157 $\chi^2/\text{NDF}: 7.7/3$

Right Out: 3.531 ± 0.154 $\chi^2/\text{NDF}: 295.0/19$

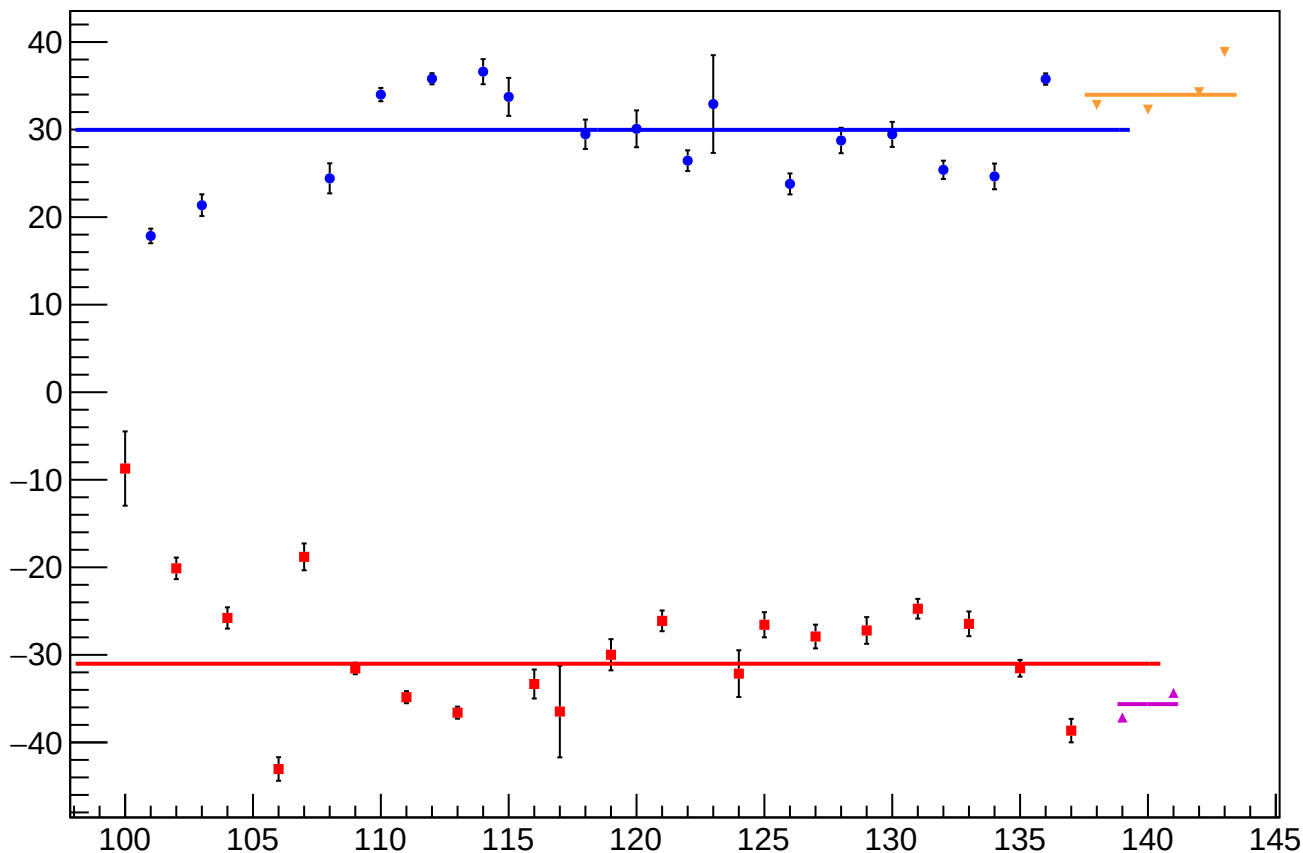
Left In: 1.936 ± 0.243 $\chi^2/\text{NDF}: 47.2/1$

-2.685 ± 0.110 $\chi^2/\text{NDF}: 159.4/20$

-0.294 ± 0.084 $\chi^2/\text{NDF}: 1673.0/42$

3.072 ± 0.130 $\chi^2/\text{NDF}: 372.9/21$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.969 $\pm$ 0.267 χ^2/NDF : 554.3/16

Left Out: 33.972 $\pm$ 0.216 χ^2/NDF : 130.2/3

Right Out: -31.013 $\pm$ 0.260 χ^2/NDF : 480.6/19

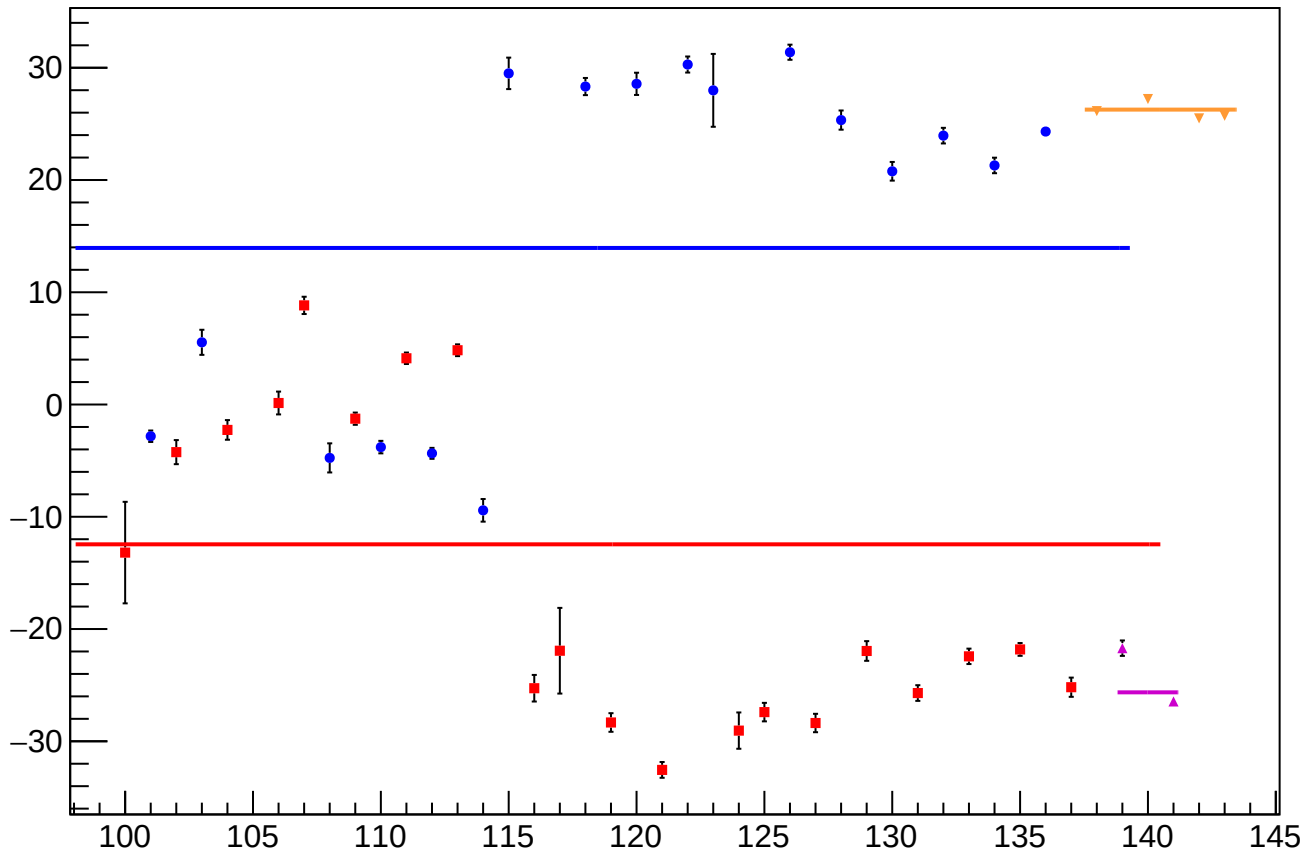
Left In: -35.626 $\pm$ 0.286 χ^2/NDF : 24.1/1

32.382 $\pm$ 0.168 χ^2/NDF : 820.4/20

3.995 $\pm$ 0.126 χ^2/NDF : 67294.7/42

-33.101 $\pm$ 0.192 χ^2/NDF : 647.6/21

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

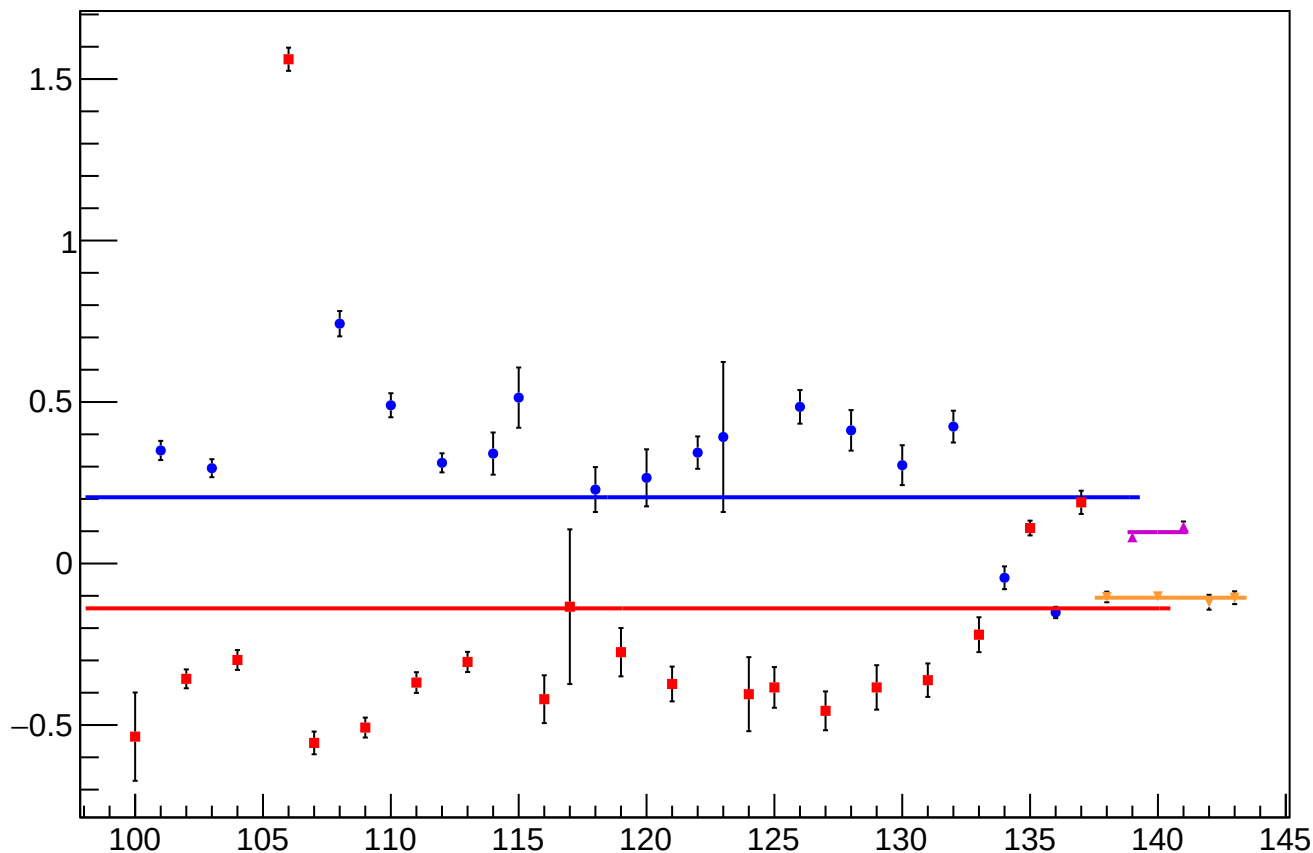
Left In: -25.641+/-0.284 χ^2/NDF : 39.6/1

19.559+/-0.127 χ^2/NDF : 9745.0/20

4.481+/-0.096 χ^2/NDF : 51650.9/42

-16.039+/-0.148 χ^2/NDF : 8578.8/21

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

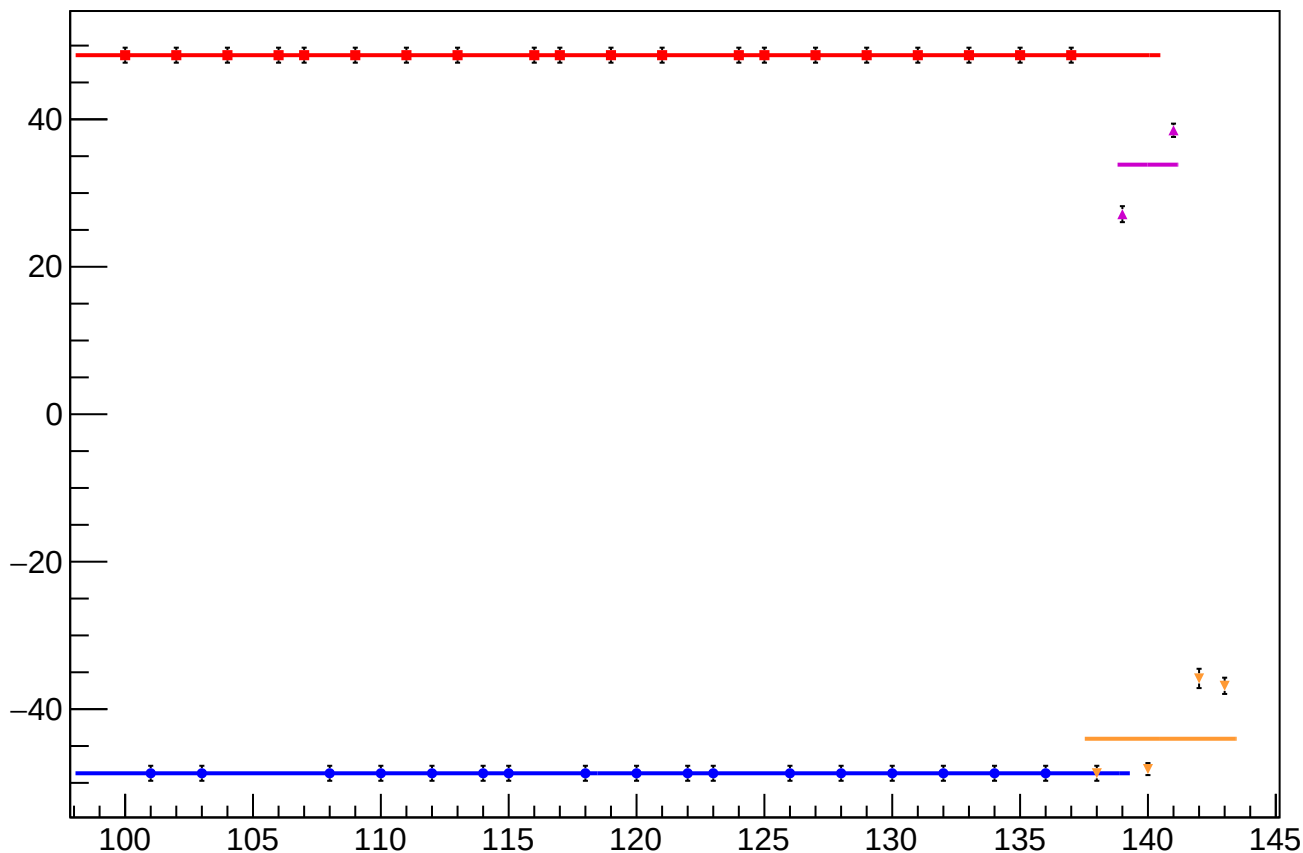
Left In: 0.097 ± 0.011 χ^2/NDF : 2.3/1

0.042 ± 0.006 χ^2/NDF : 1424.2/20

0.004 ± 0.005 χ^2/NDF : 4794.1/42

-0.040 ± 0.007 χ^2/NDF : 3294.8/21

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -48.699 ± 0.247 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -44.016 ± 0.508 $\chi^2/\text{NDF}: 127.9/3$

Right Out: 48.699 ± 0.228 $\chi^2/\text{NDF}: 0.0/19$

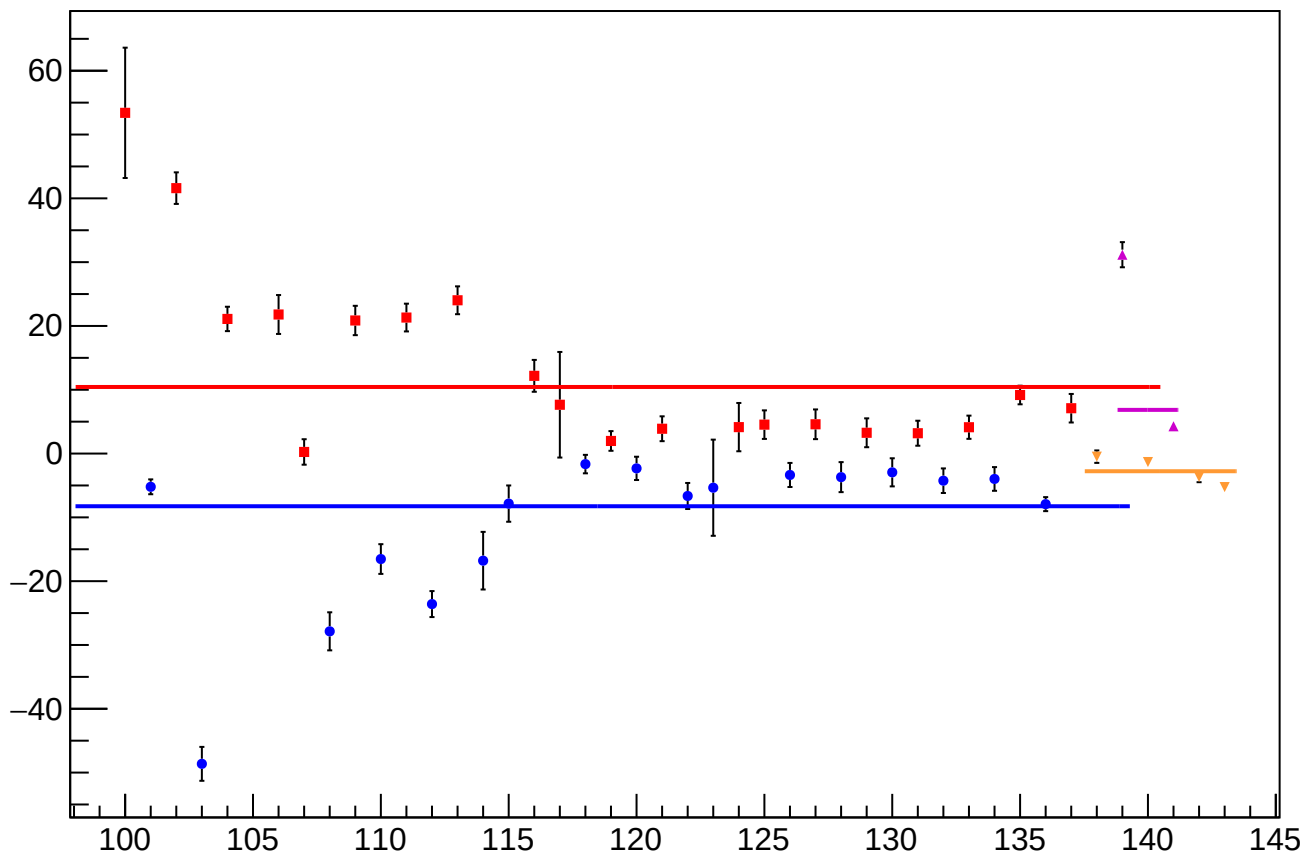
Left In: 33.851 ± 0.695 $\chi^2/\text{NDF}: 64.9/1$

-47.804 ± 0.222 $\chi^2/\text{NDF}: 196.5/20$

0.976 ± 0.155 $\chi^2/\text{NDF}: 94485.8/42$

47.256 ± 0.217 $\chi^2/\text{NDF}: 477.5/21$

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

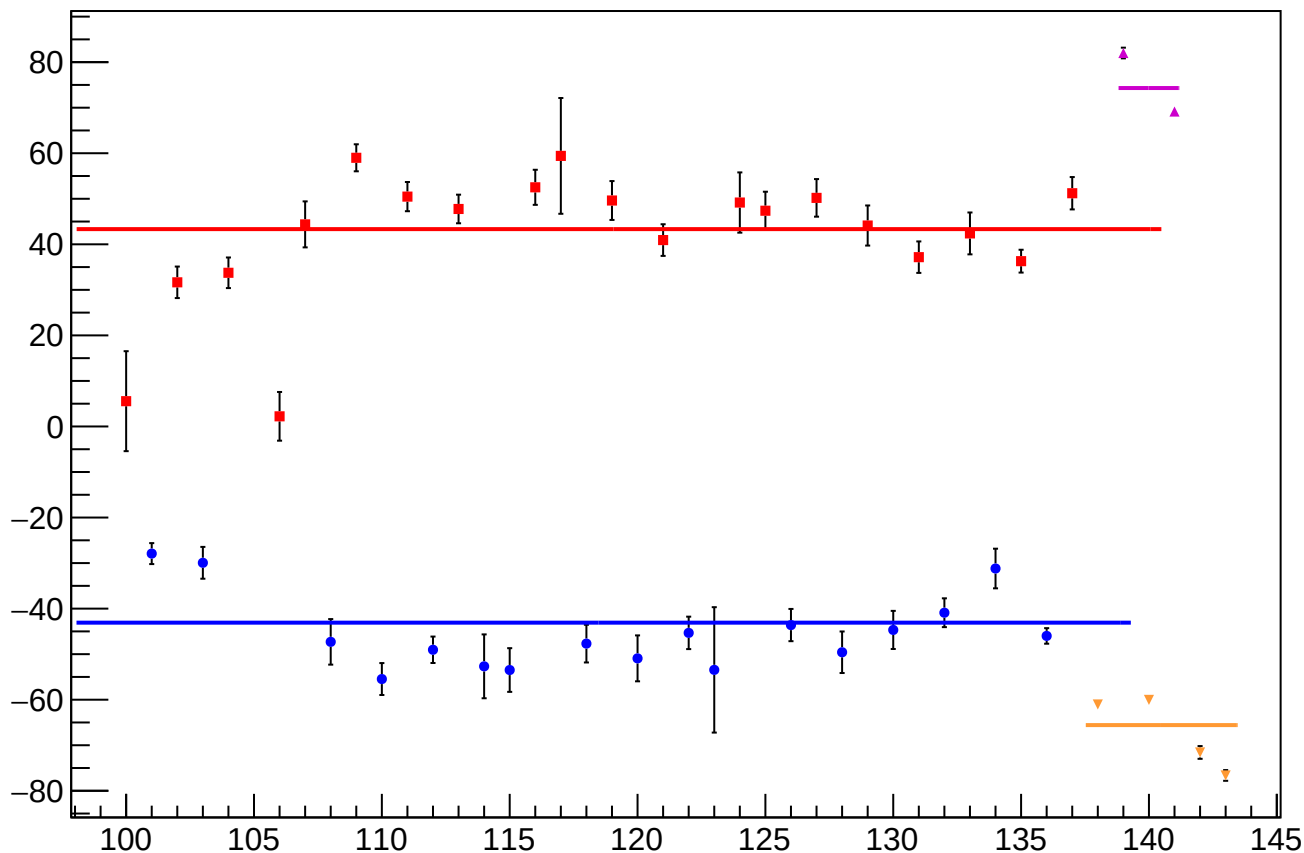
Left In: 6.847 ± 0.609 χ^2/NDF : 168.4/1

-5.055 ± 0.298 χ^2/NDF : 516.6/20

0.277 ± 0.235 χ^2/NDF : 1978.8/42

9.025 ± 0.382 χ^2/NDF : 618.0/21

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

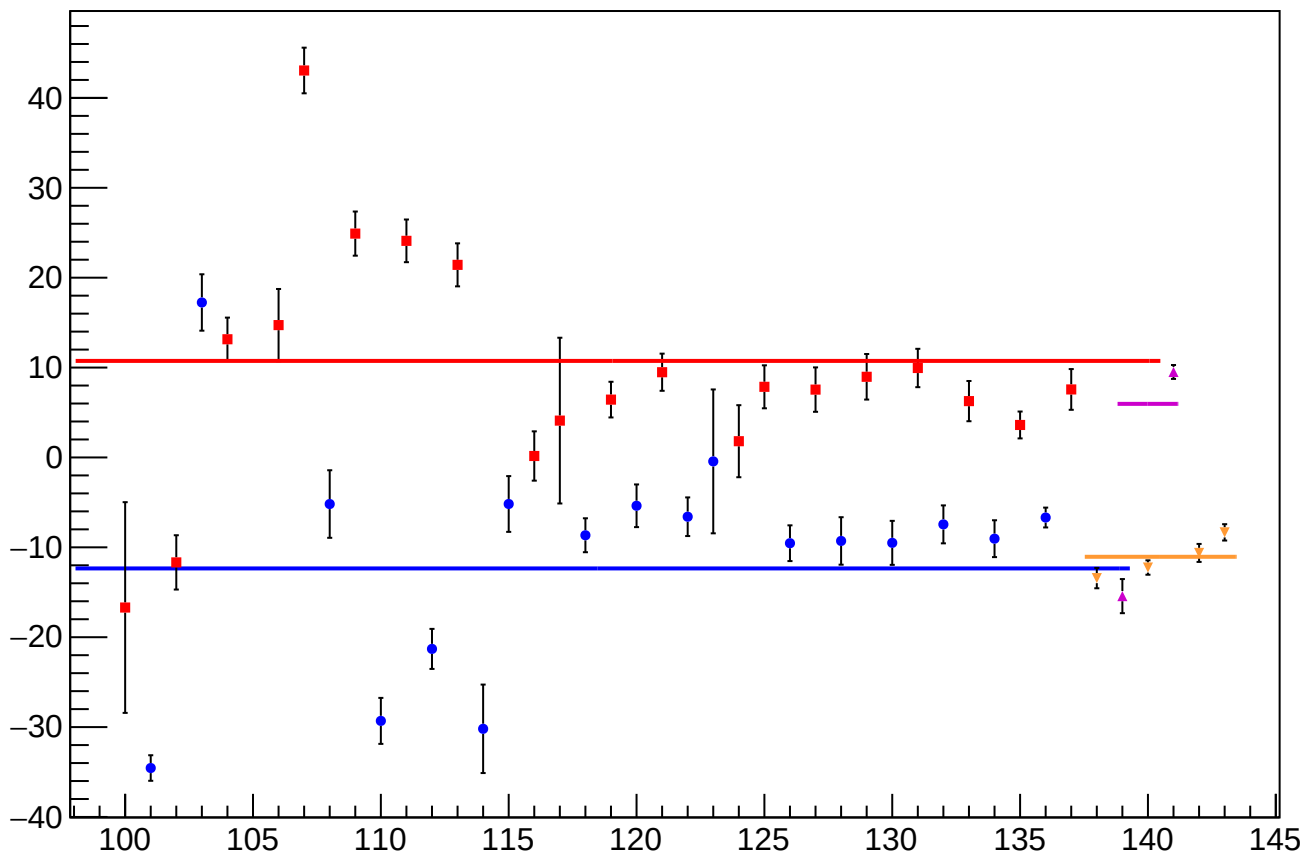
Left In: 74.317±/0.744 χ^2/NDF :71.8/1

-58.859±/0.456 χ^2/NDF : 773.1/20

-11.412±/0.354 χ^2/NDF : 29131.2/42

61.140±/0.564 χ^2/NDF : 965.7/21

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

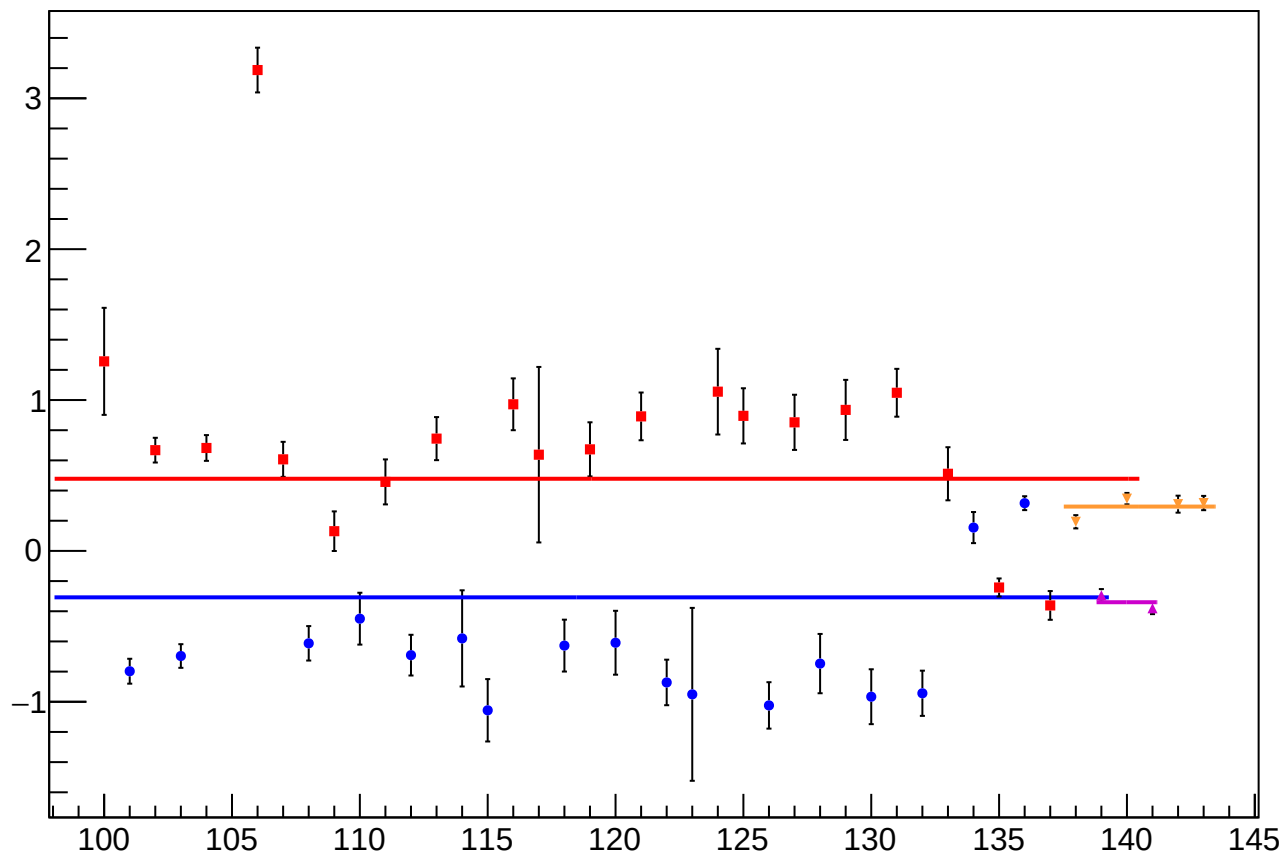
Left In: 5.961 ± 0.716 χ^2/NDF : 148.1/1

-11.634 ± 0.348 χ^2/NDF : 495.1/20

-3.650 ± 0.272 χ^2/NDF : 2394.6/42

8.957 ± 0.437 χ^2/NDF : 543.1/21

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

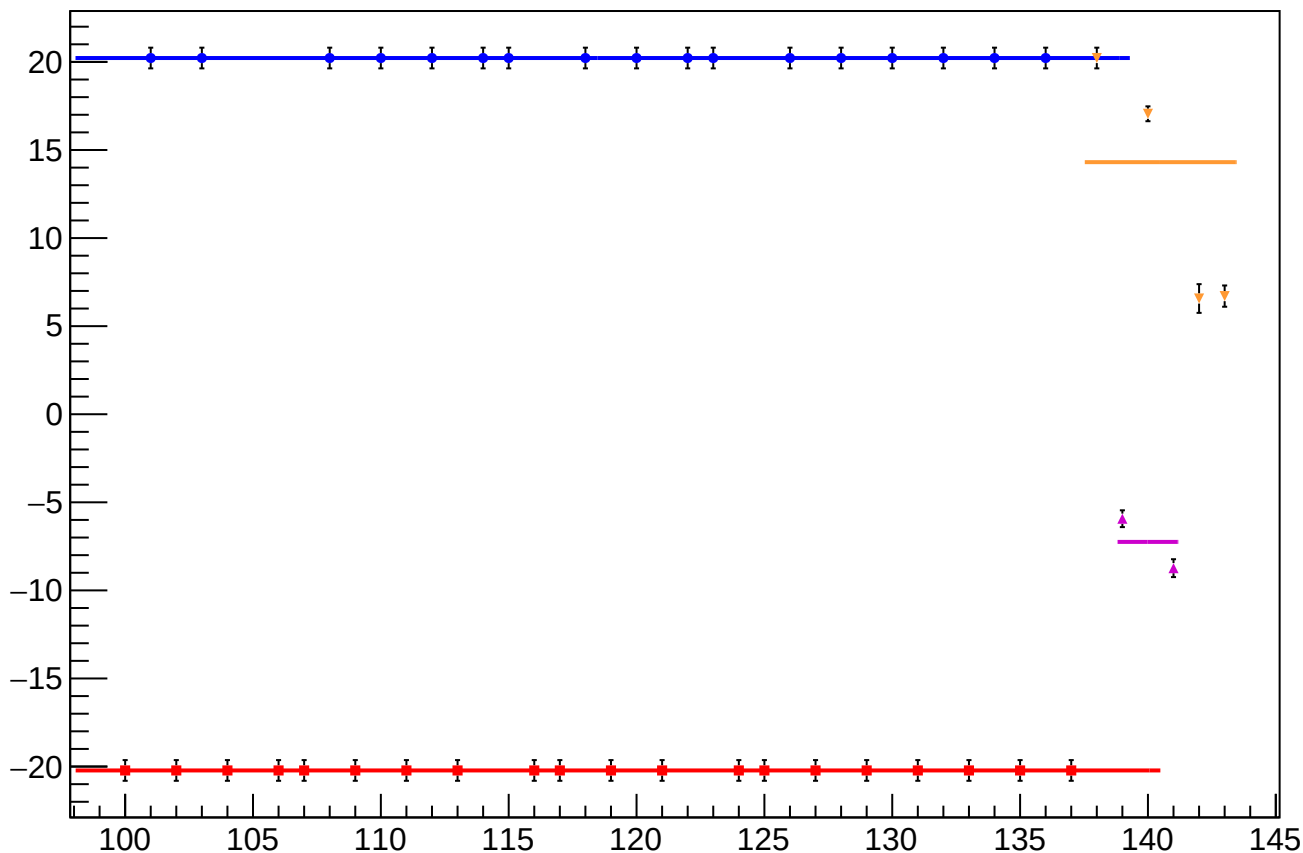
Left In: -0.340 ± 0.028 χ^2/NDF : 2.3/1

0.053 ± 0.017 χ^2/NDF : 666.4/20

0.059 ± 0.013 χ^2/NDF : 1714.1/42

0.068 ± 0.020 χ^2/NDF : 1047.4/21

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 20.221 $\pm$ 0.143 χ^2 /NDF: 0.0/16

Left Out: 14.310 $\pm$ 0.280 χ^2 /NDF: 392.4/3

Right Out: -20.221 $\pm$ 0.131 χ^2 /NDF: 0.0/19

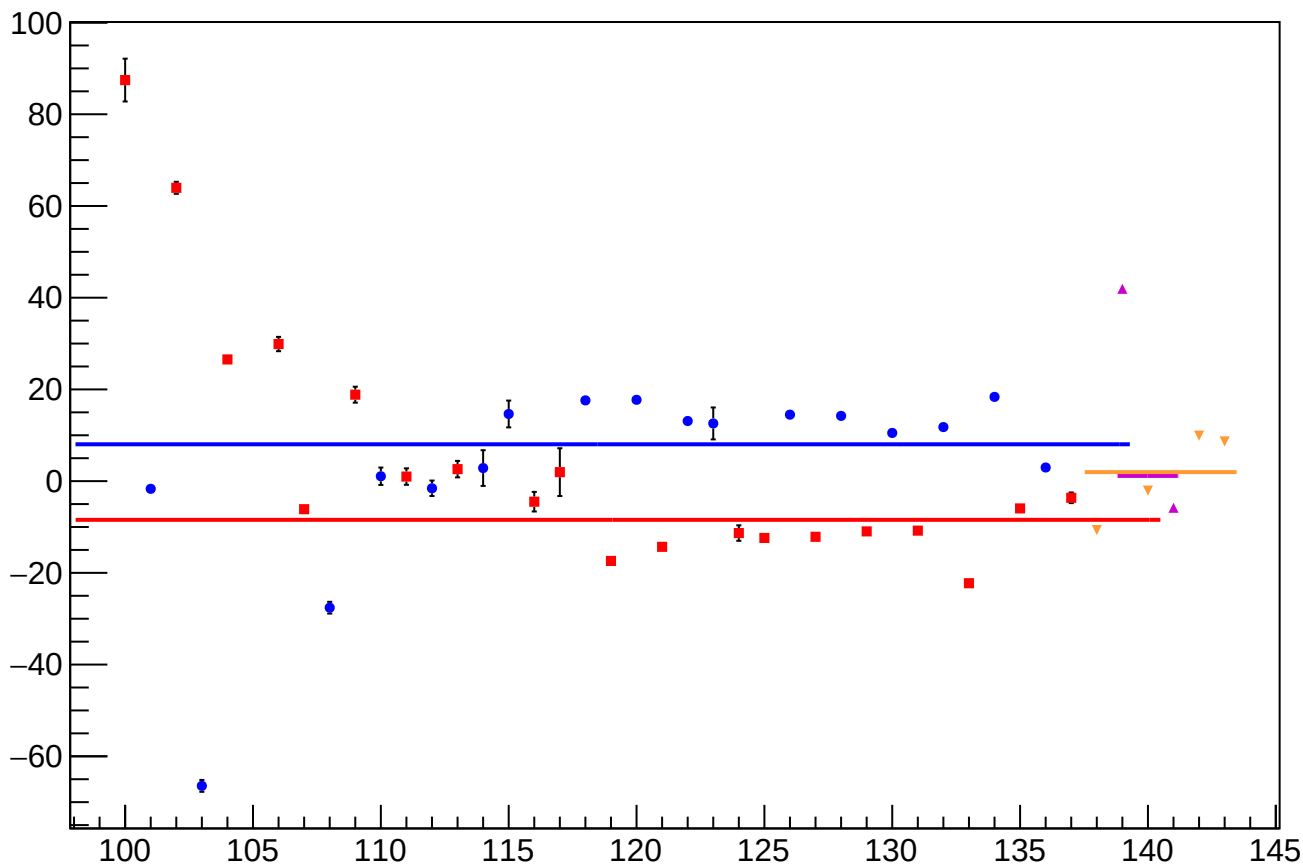
Left In: -7.247 $\pm$ 0.348 χ^2 /NDF: 16.2/1

19.004 $\pm$ 0.127 χ^2 /NDF: 746.4/20

-0.413 $\pm$ 0.088 χ^2 /NDF: 47220.7/42

-18.598 $\pm$ 0.123 χ^2 /NDF: 1234.9/21

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.036 ± 0.215 $\chi^2/\text{NDF}: 5369.4/16$

Left Out: 1.970 ± 0.221 $\chi^2/\text{NDF}: 1077.2/3$

Right Out: -8.437 ± 0.213 $\chi^2/\text{NDF}: 6708.4/19$

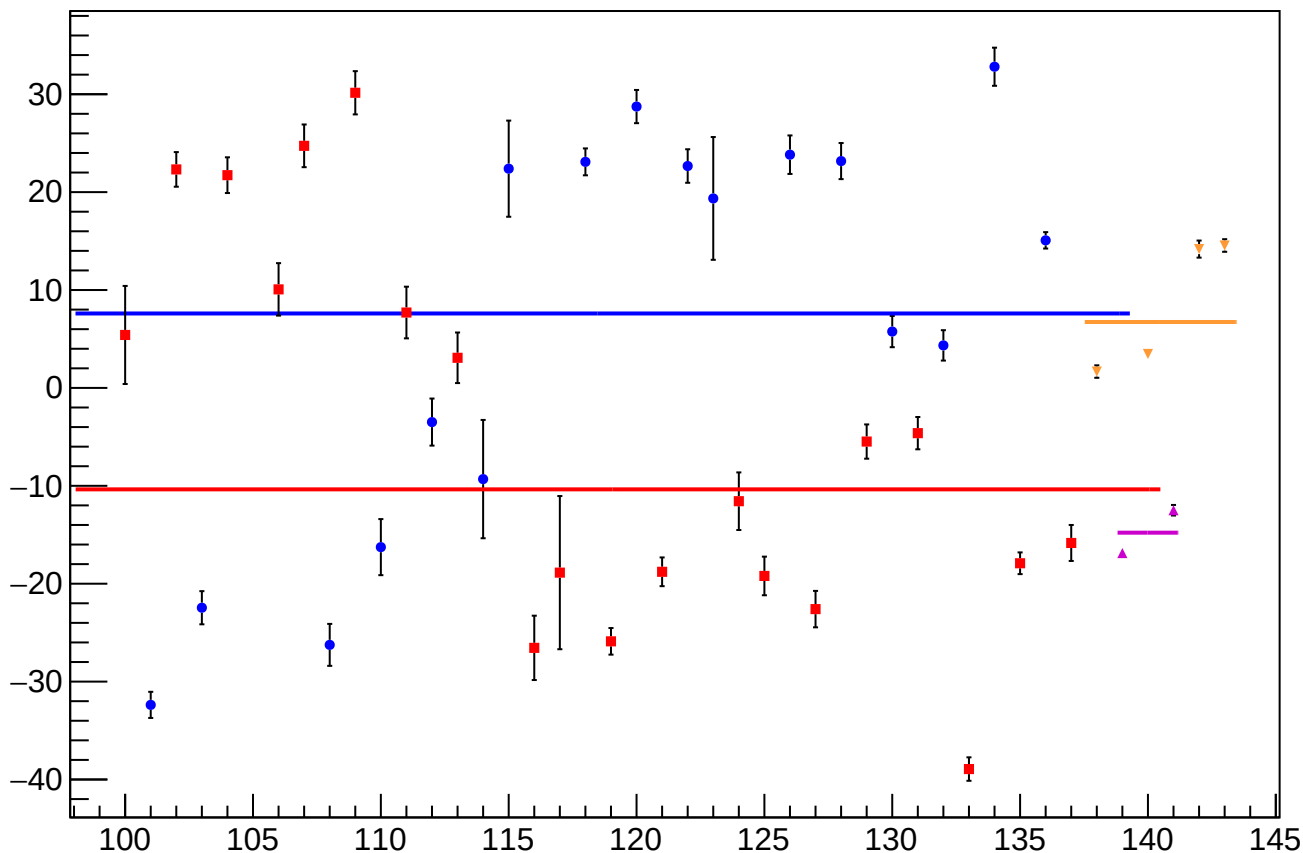
Left In: 1.136 ± 0.335 $\chi^2/\text{NDF}: 2518.6/1$

5.081 ± 0.154 $\chi^2/\text{NDF}: 6833.9/20$

0.527 ± 0.117 $\chi^2/\text{NDF}: 18705.7/42$

-5.681 ± 0.180 $\chi^2/\text{NDF}: 9807.4/21$

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

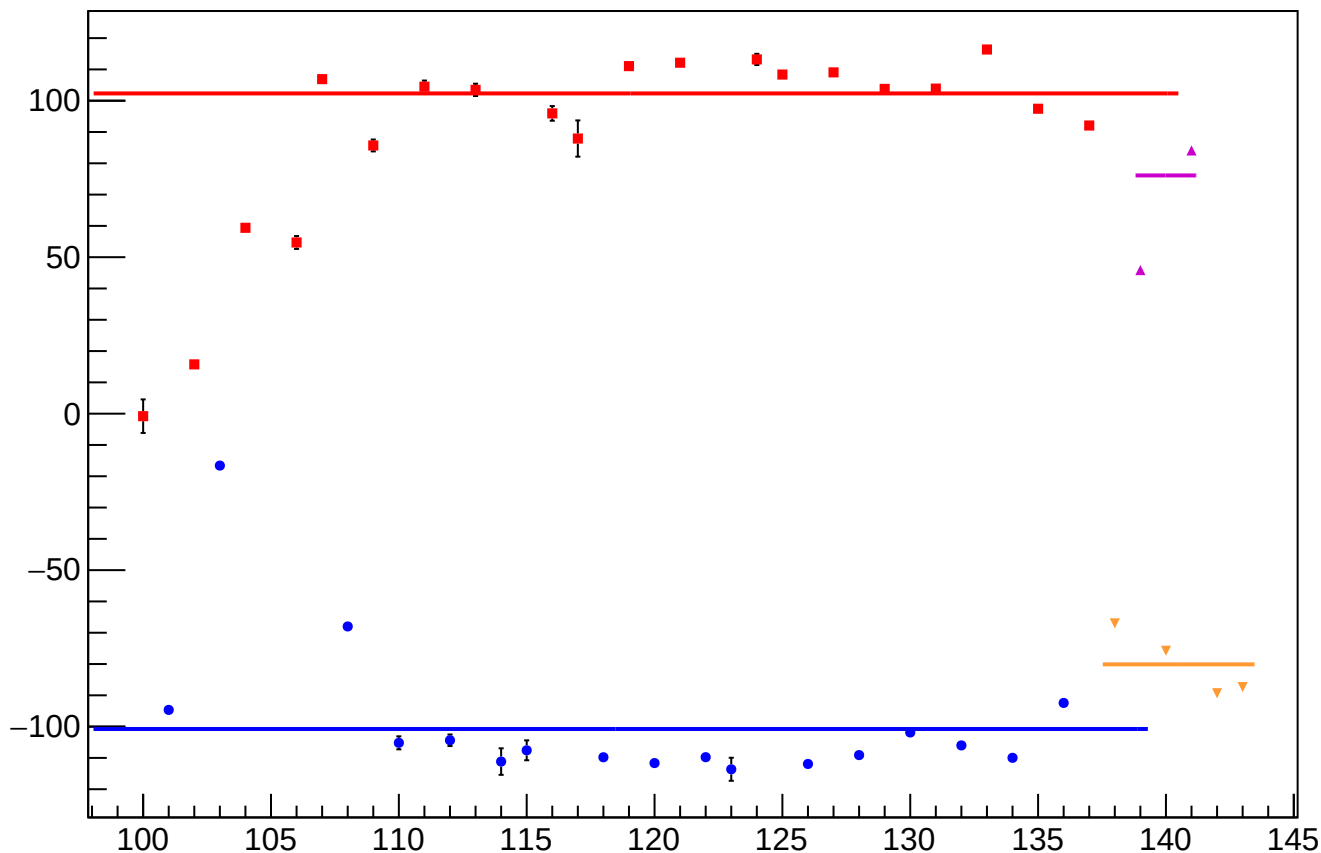
Left In: -14.787 ± 0.372 χ^2/NDF : 34.4/1

7.031 ± 0.243 χ^2/NDF : 2663.7/20

-1.591 ± 0.183 χ^2/NDF : 7938.8/42

-12.817 ± 0.277 χ^2/NDF : 2380.3/21

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753 ± 0.248 $\chi^2/\text{NDF}: 4522.6/16$

Left Out: -80.110 ± 0.264 $\chi^2/\text{NDF}: 906.4/3$

Right Out: 102.328 ± 0.246 $\chi^2/\text{NDF}: 6085.1/19$

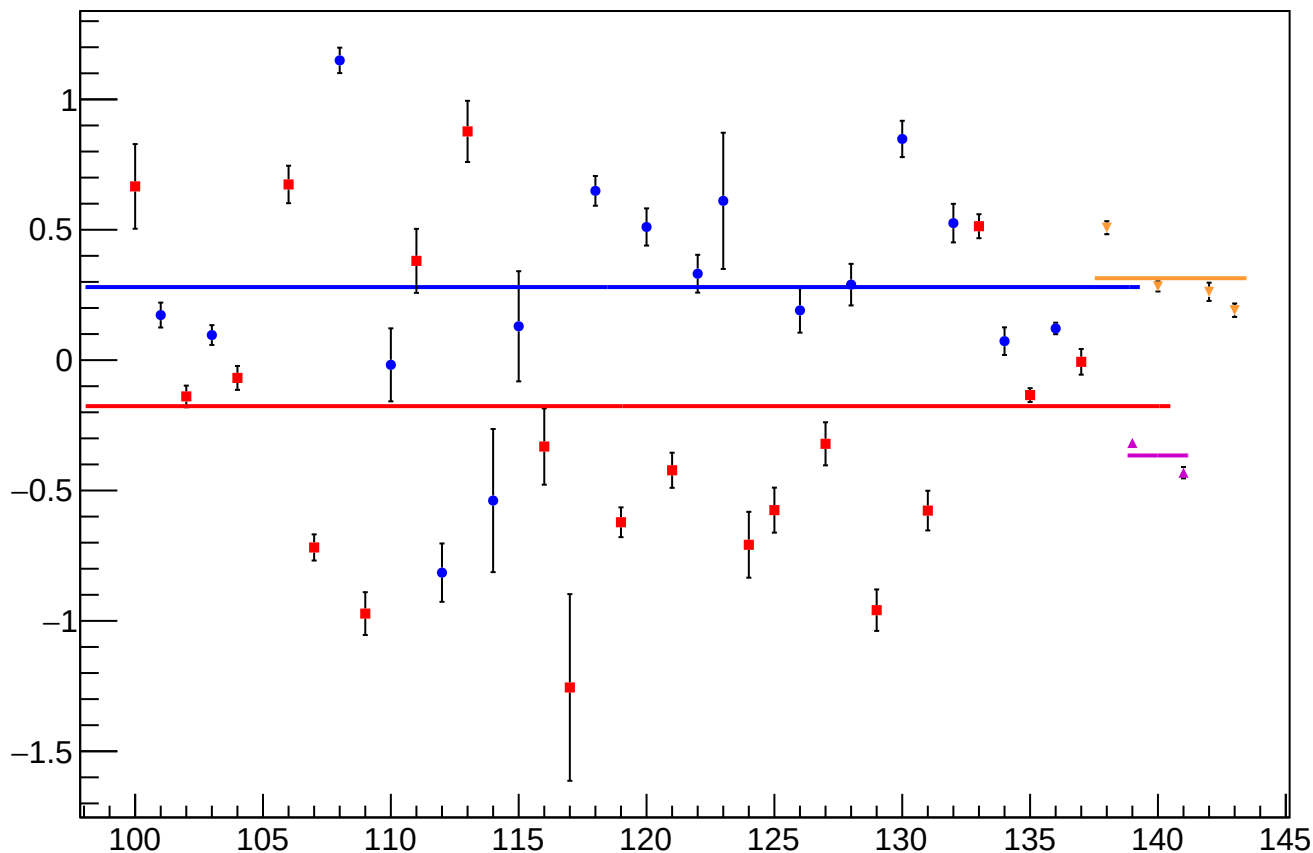
Left In: 76.121 ± 0.388 $\chi^2/\text{NDF}: 1605.5/1$

-91.071 ± 0.181 $\chi^2/\text{NDF}: 8678.3/20$

-10.993 ± 0.136 $\chi^2/\text{NDF}: 475366.8/42$

94.808 ± 0.208 $\chi^2/\text{NDF}: 10946.9/21$

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

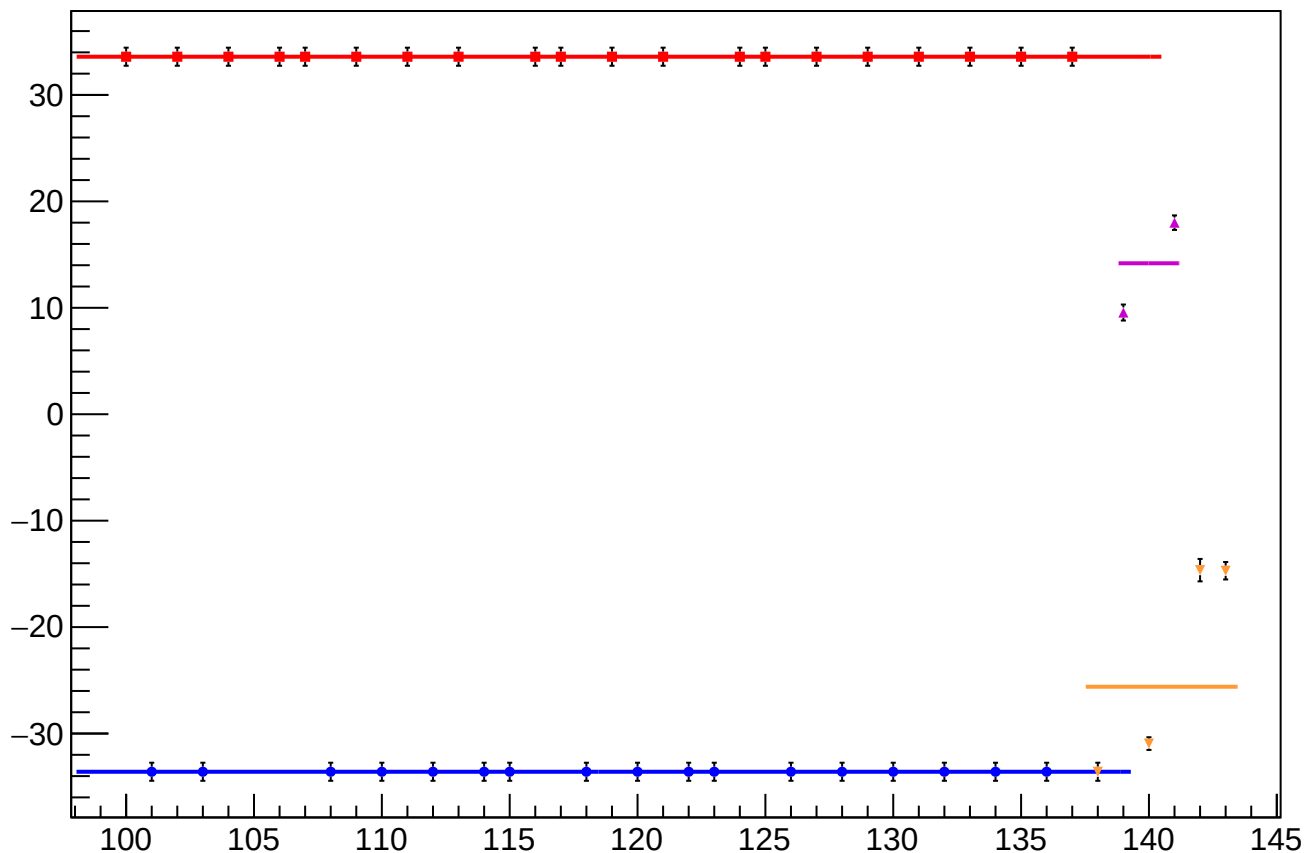
Left In: -0.366 ± 0.014 χ^2/NDF : 15.9/1

0.299 ± 0.009 χ^2/NDF : 746.8/20

0.035 ± 0.007 χ^2/NDF : 3631.0/42

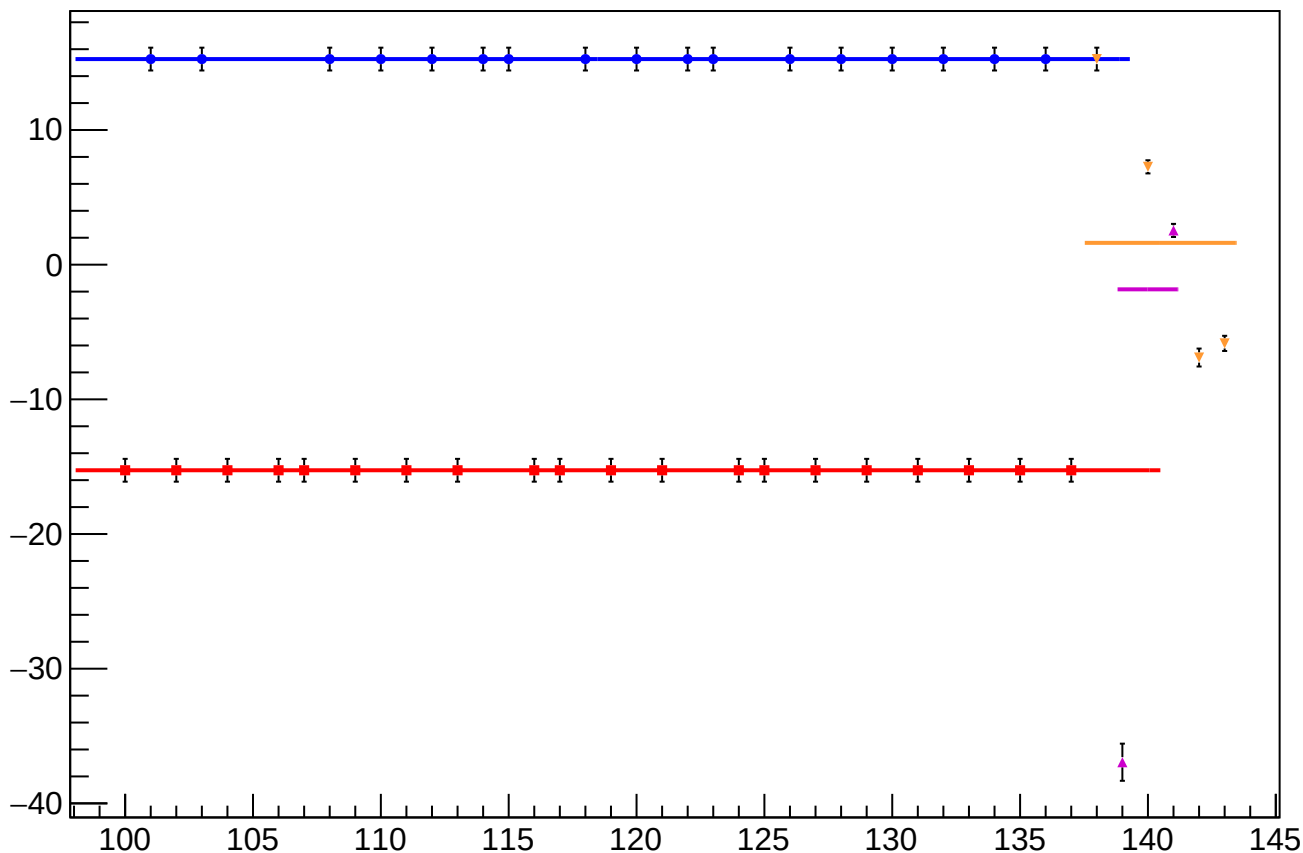
-0.266 ± 0.010 χ^2/NDF : 1085.9/21

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



-31.845 ± 0.182 χ^2/NDF : 782.7/20
 0.426 ± 0.127 χ^2/NDF : 63472.5/42
 31.191 ± 0.178 χ^2/NDF : 1360.2/21

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.266 ± 0.205 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 1.620 ± 0.302 $\chi^2/\text{NDF}: 731.4/3$

Right Out: -15.266 ± 0.189 $\chi^2/\text{NDF}: 0.0/19$

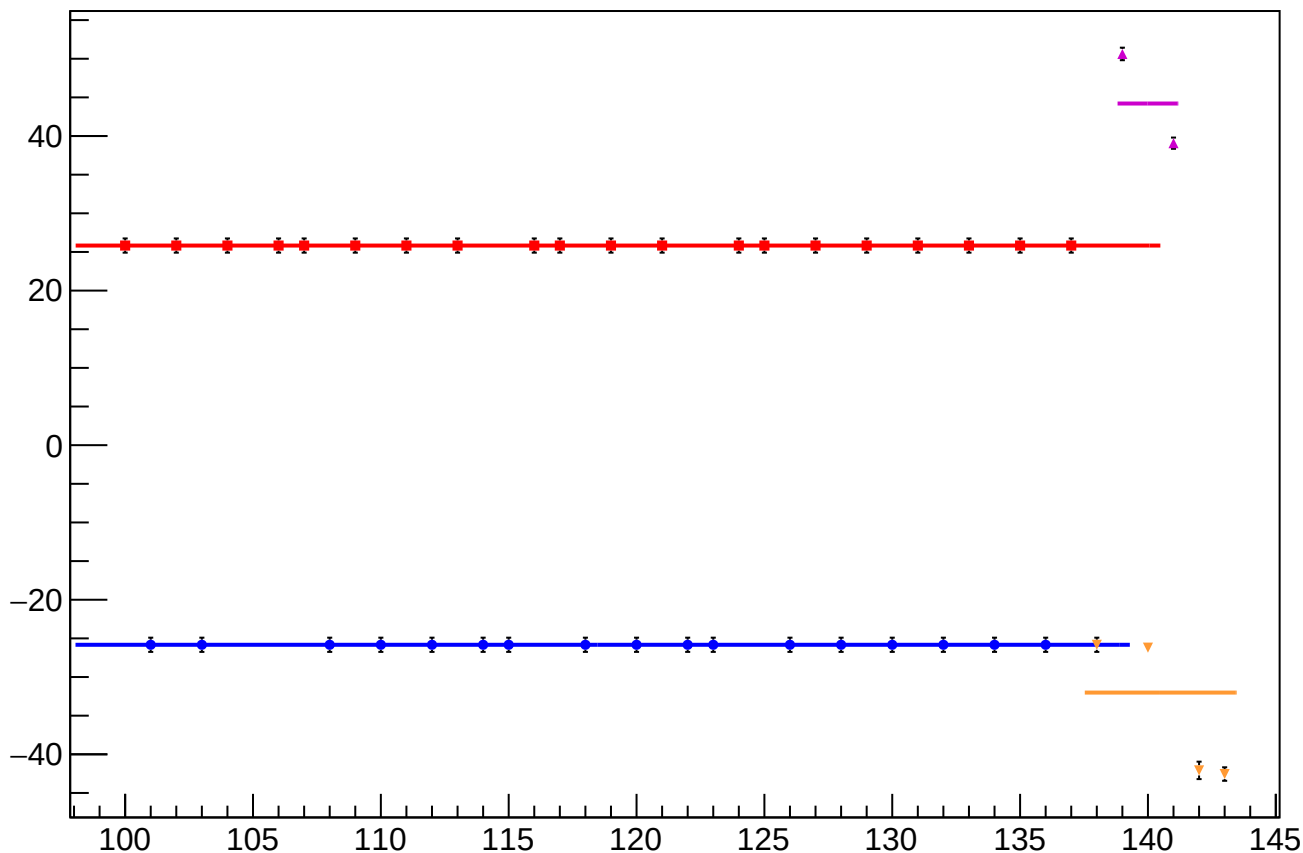
Left In: -1.832 ± 0.459 $\chi^2/\text{NDF}: 729.1/1$

10.944 ± 0.170 $\chi^2/\text{NDF}: 2128.2/20$

-0.813 ± 0.122 $\chi^2/\text{NDF}: 13474.6/42$

-13.311 ± 0.175 $\chi^2/\text{NDF}: 1461.0/21$

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.828 ± 0.223 χ^2/NDF : 0.0/16

Left Out: -32.012 ± 0.417 χ^2/NDF : 354.0/3

Right Out: 25.828 ± 0.206 χ^2/NDF : 0.0/19

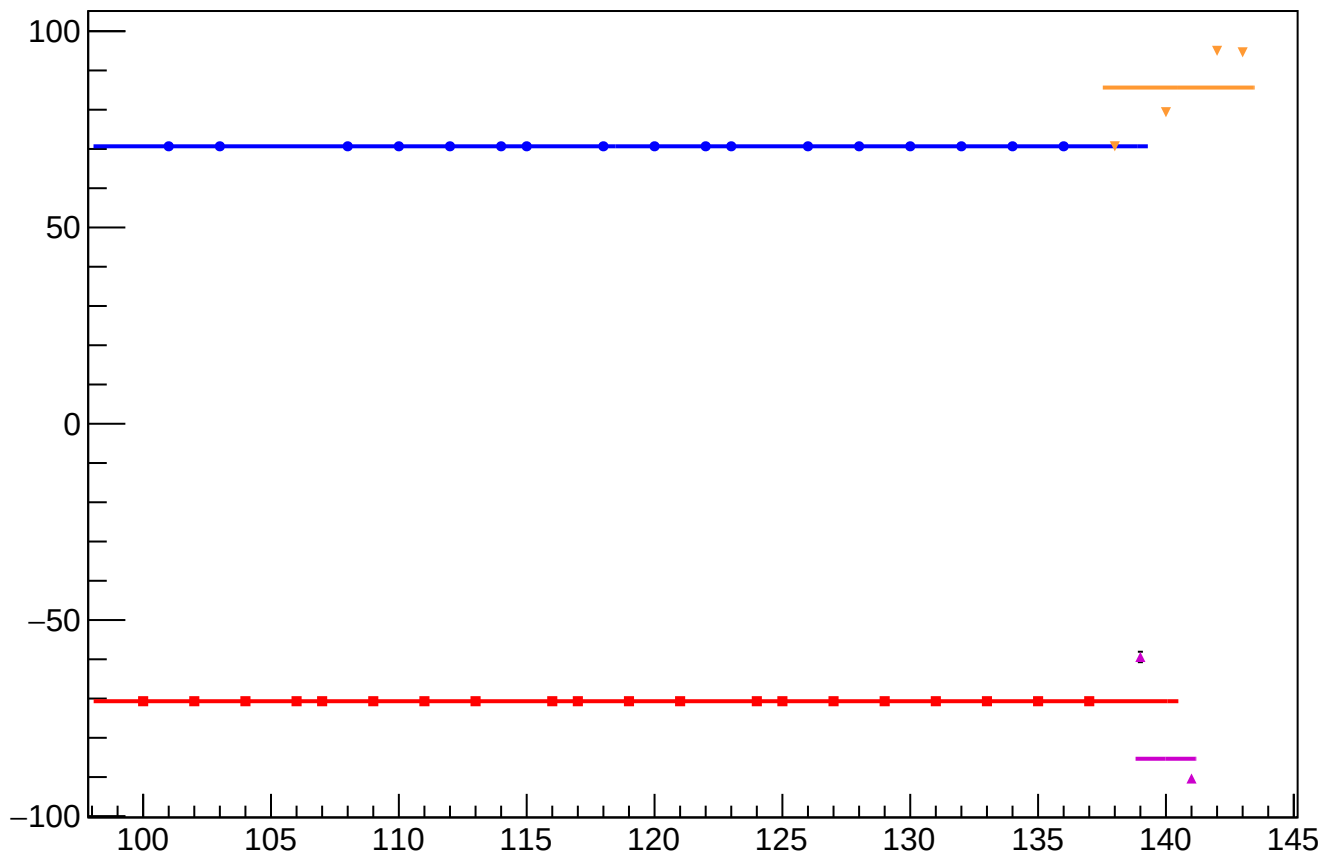
Left In: 44.206 ± 0.541 χ^2/NDF : 112.3/1

-27.208 ± 0.197 χ^2/NDF : 525.0/20

1.098 ± 0.138 χ^2/NDF : 42076.3/42

28.150 ± 0.192 χ^2/NDF : 1118.8/21

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.679 ± 0.235 χ^2/NDF : 0.0/16

Left Out: 85.642 ± 0.361 χ^2/NDF : 660.9/3

Right Out: -70.679 ± 0.217 χ^2/NDF : 0.0/19

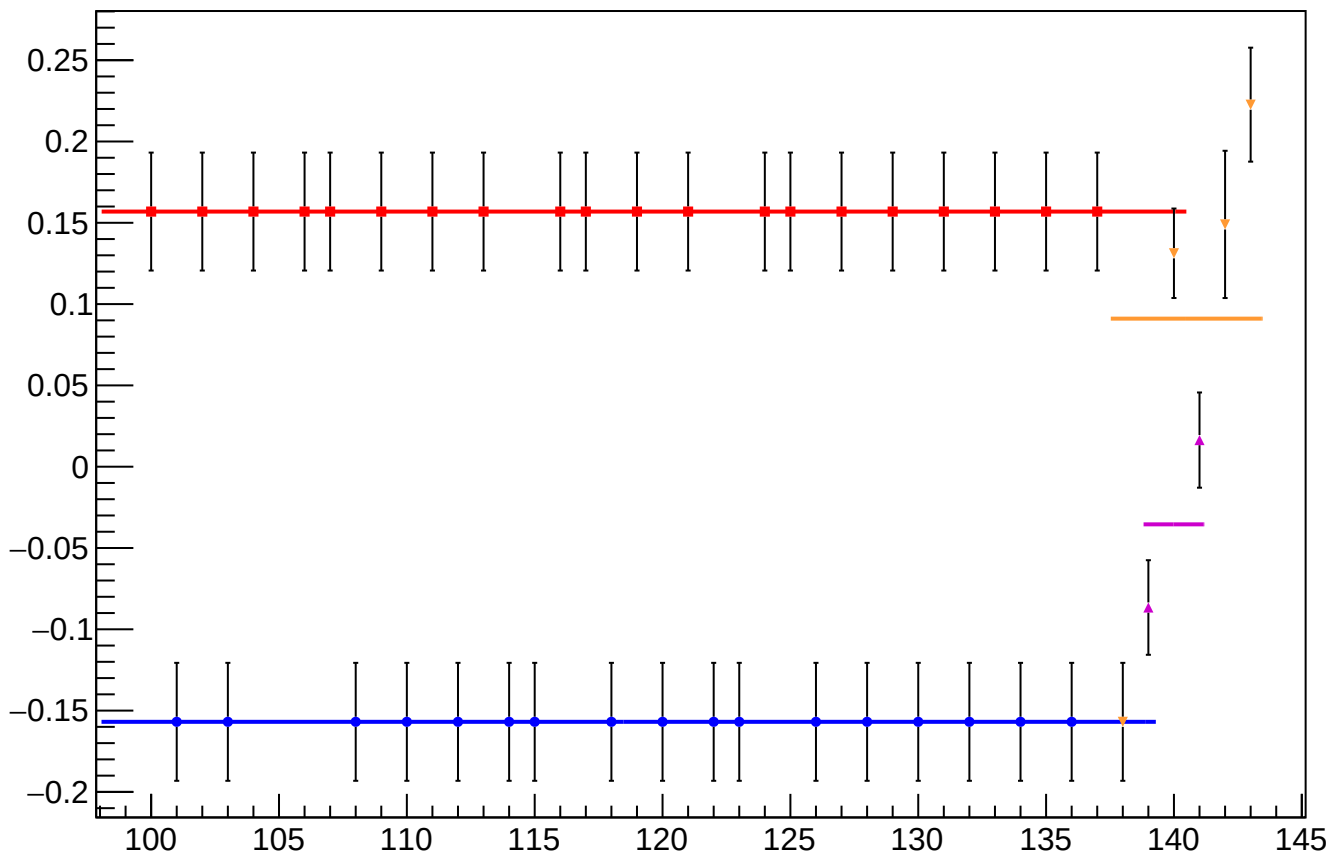
Left In: -85.336 ± 0.536 χ^2/NDF : 454.1/1

75.137 ± 0.197 χ^2/NDF : 1863.8/20

2.646 ± 0.141 χ^2/NDF : 278339.0/42

-72.745 ± 0.201 χ^2/NDF : 1096.7/21

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.157 ± 0.009 χ^2/NDF : 0.0/16

Left Out: 0.091 ± 0.017 χ^2/NDF : 64.6/3

Right Out: 0.157 ± 0.008 χ^2/NDF : 0.0/19

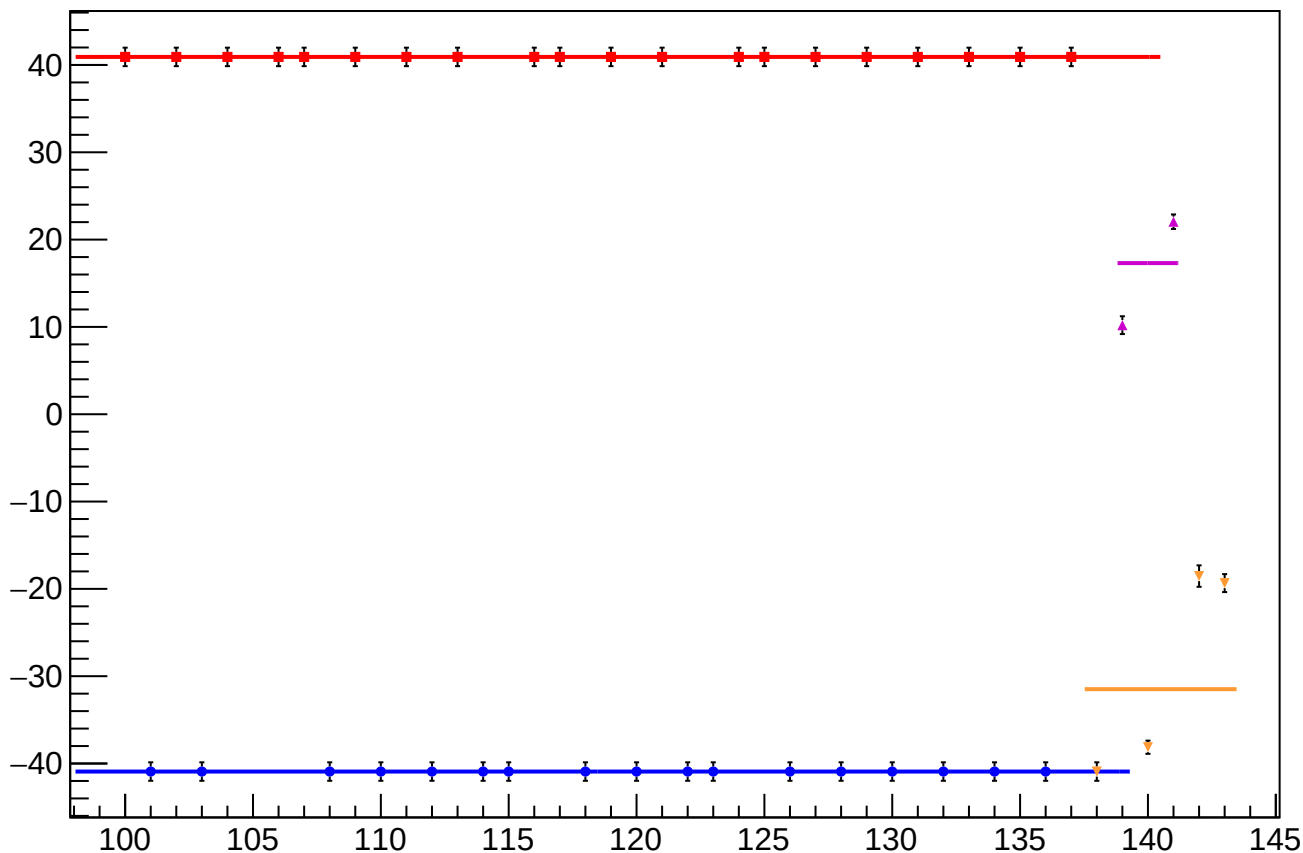
Left In: -0.035 ± 0.021 χ^2/NDF : 6.2/1

-0.105 ± 0.008 χ^2/NDF : 229.5/20

0.017 ± 0.005 χ^2/NDF : 784.3/42

0.131 ± 0.008 χ^2/NDF : 81.5/21

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.922 ± 0.257 χ^2/NDF : 0.0/16

Left Out: -31.486 ± 0.485 χ^2/NDF : 406.8/3

Right Out: 40.922 ± 0.237 χ^2/NDF : 0.0/19

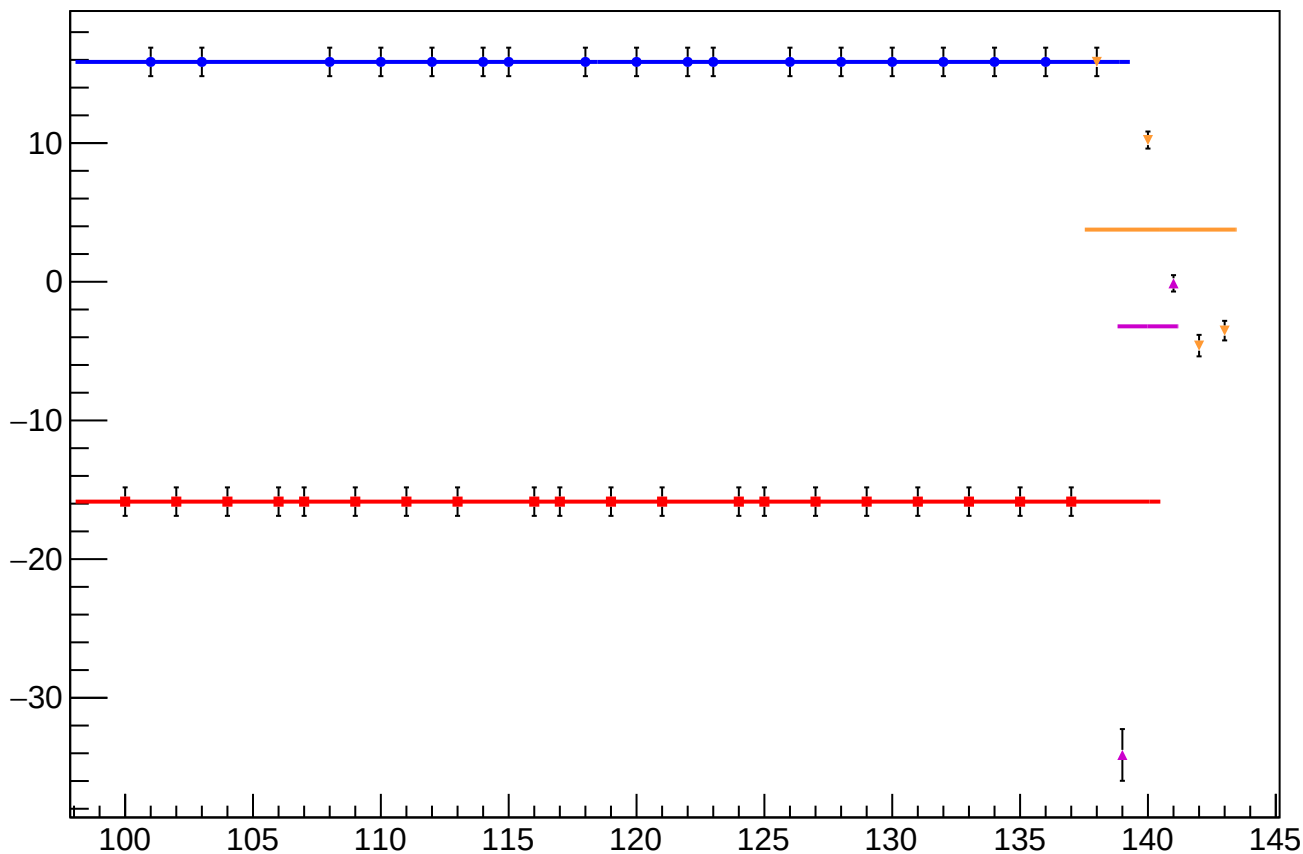
Left In: 17.308 ± 0.645 χ^2/NDF : 80.9/1

-38.859 ± 0.227 χ^2/NDF : 702.0/20

0.441 ± 0.159 χ^2/NDF : 60677.7/42

38.120 ± 0.222 χ^2/NDF : 1261.4/21

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.853 $\pm$ 0.249 χ^2 /NDF: 0.0/16

Left Out: 3.762 $\pm$ 0.371 χ^2 /NDF: 472.2/3

Right Out: -15.853 $\pm$ 0.230 χ^2 /NDF: 0.0/19

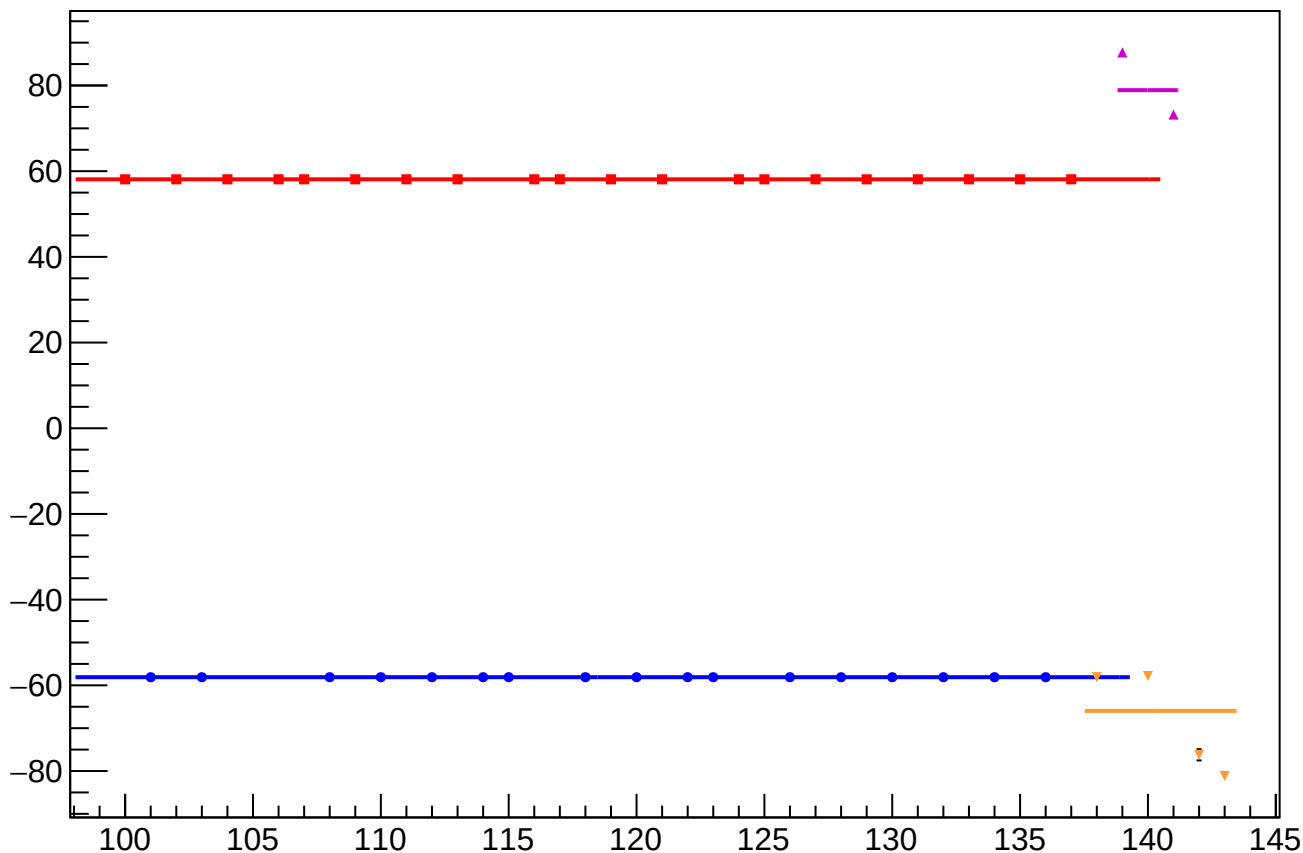
Left In: -3.214 $\pm$ 0.563 χ^2 /NDF: 302.2/1

12.095 $\pm$ 0.207 χ^2 /NDF: 1204.7/20

-0.613 $\pm$ 0.148 χ^2 /NDF: 9709.4/42

-14.051 $\pm$ 0.213 χ^2 /NDF: 734.1/21

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.103 $\pm$ 0.278 χ^2 /NDF: 0.0/16

Left Out: -65.972 $\pm$ 0.520 χ^2 /NDF:401.3/3

Right Out: 58.103 $\pm$ 0.257 χ^2 /NDF: 0.0/19

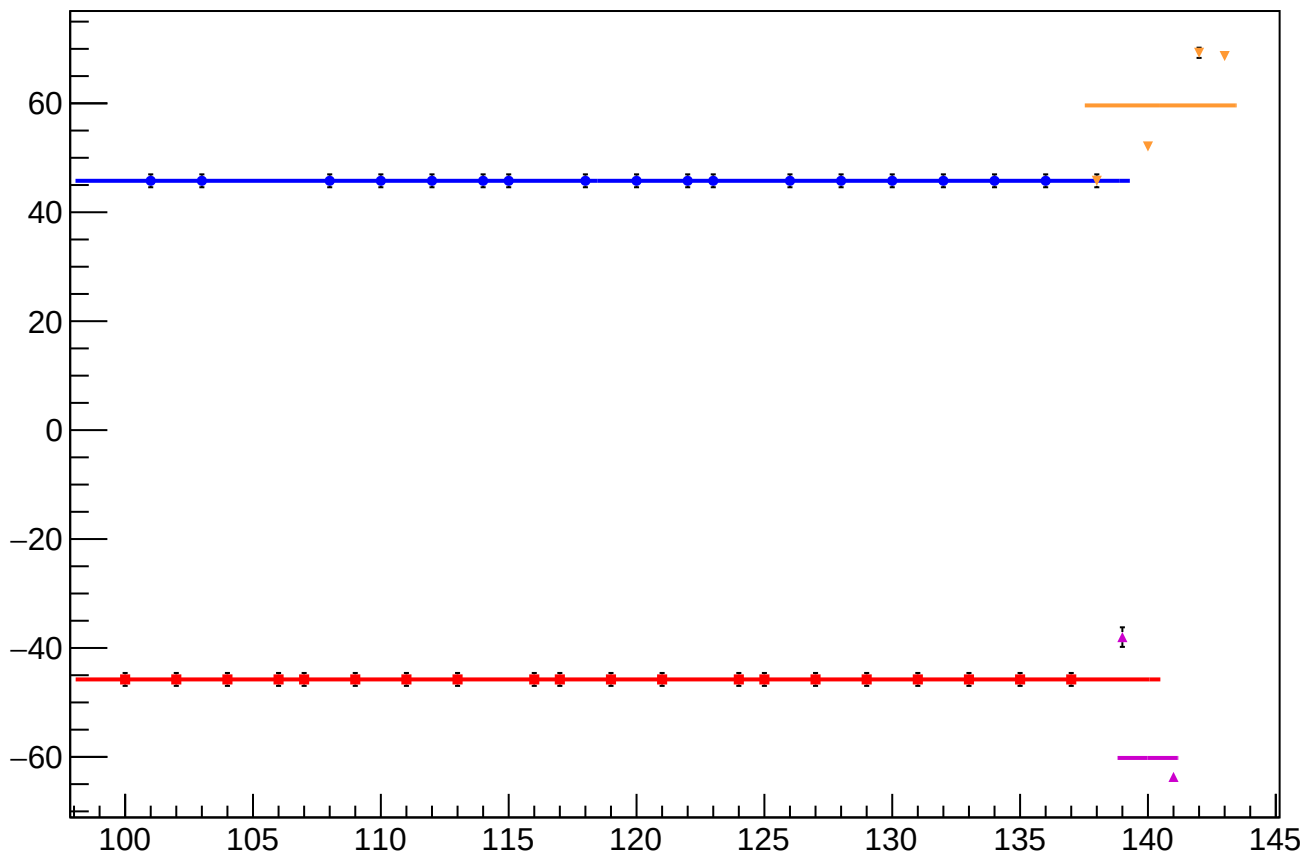
Left In: 78.914 $\pm$ 0.690 χ^2 /NDF:105.3/1

-59.858 $\pm$ 0.245 χ^2 /NDF: 579.6/20

1.577 $\pm$ 0.172 χ^2 /NDF: 124492.5/42

60.628 $\pm$ 0.240 χ^2 /NDF: 903.4/21

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.775 ± 0.288 χ^2/NDF : 0.0/16

Left Out: 59.616 ± 0.445 χ^2/NDF : 458.8/3

Right Out: -45.775 ± 0.265 χ^2/NDF : 0.0/19

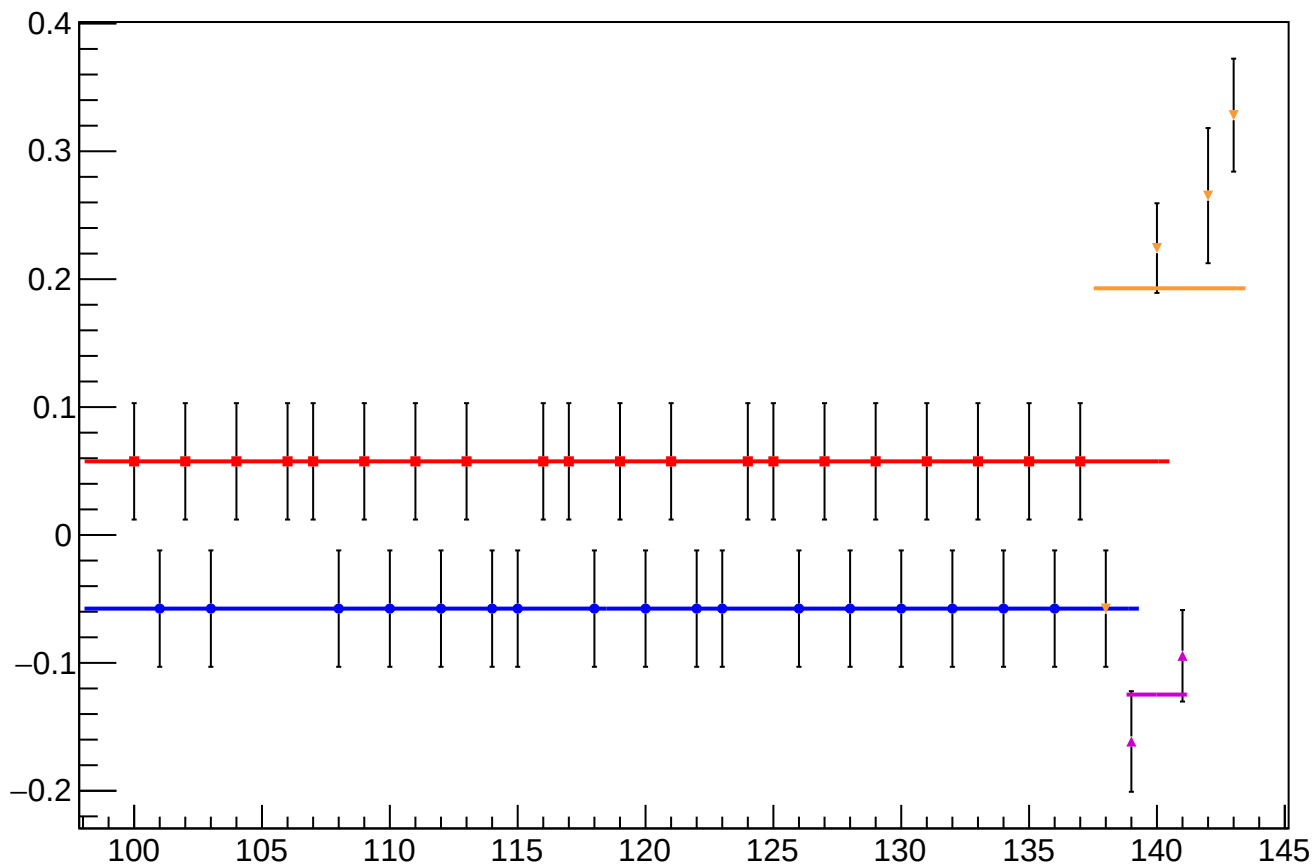
Left In: -60.191 ± 0.662 χ^2/NDF : 176.3/1

49.847 ± 0.242 χ^2/NDF : 1140.5/20

1.950 ± 0.172 χ^2/NDF : 81833.7/42

-47.766 ± 0.246 χ^2/NDF : 584.8/21

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.058 ± 0.011 χ^2/NDF : 0.0/16

Left Out: 0.193 ± 0.021 χ^2/NDF : 42.4/3

Right Out: 0.058 ± 0.010 χ^2/NDF : 0.0/19

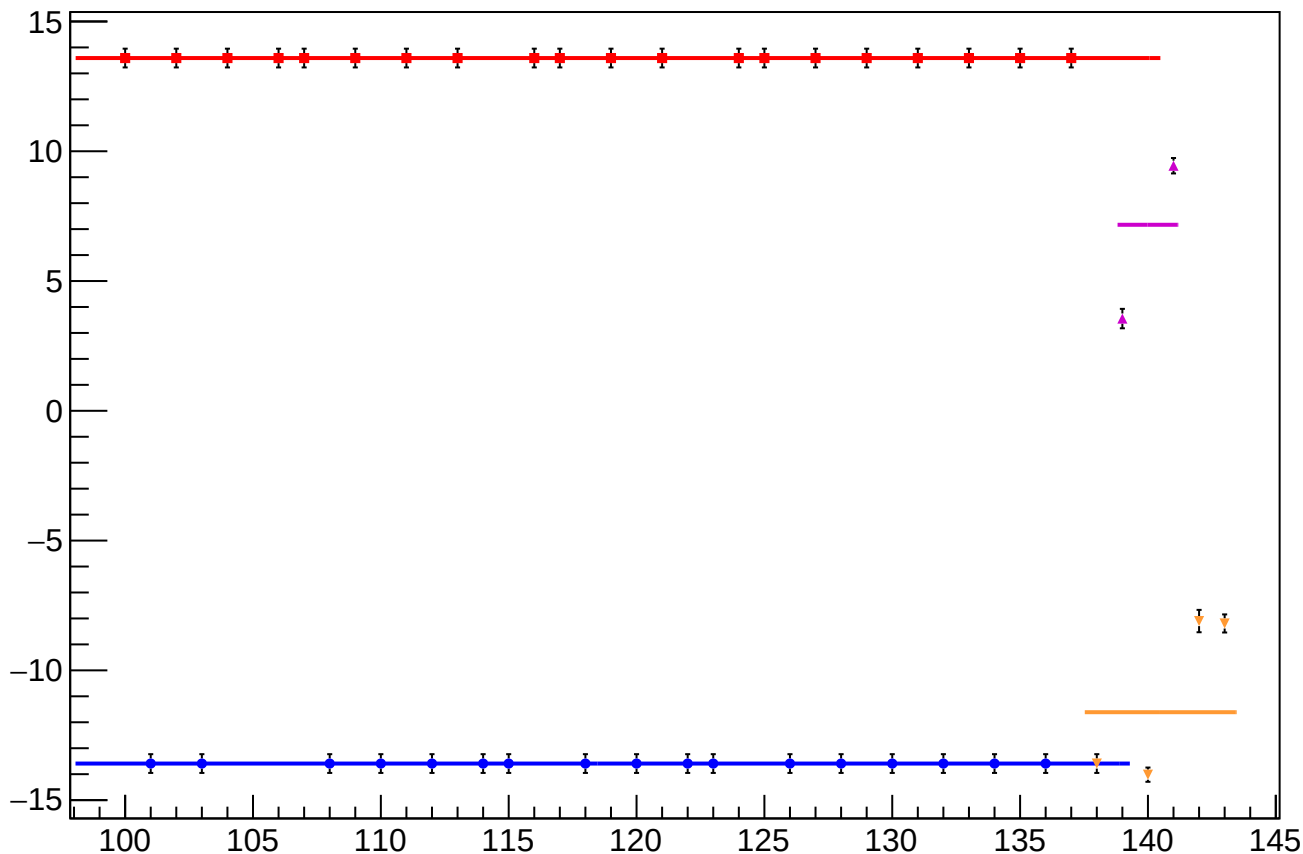
Left In: -0.125 ± 0.026 χ^2/NDF : 1.6/1

-0.005 ± 0.010 χ^2/NDF : 150.0/20

0.015 ± 0.007 χ^2/NDF : 201.2/42

0.034 ± 0.009 χ^2/NDF : 43.0/21

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.591 ± 0.088 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -11.612 ± 0.170 $\chi^2/\text{NDF}: 269.5/3$

Right Out: 13.591 ± 0.081 $\chi^2/\text{NDF}: 0.0/19$

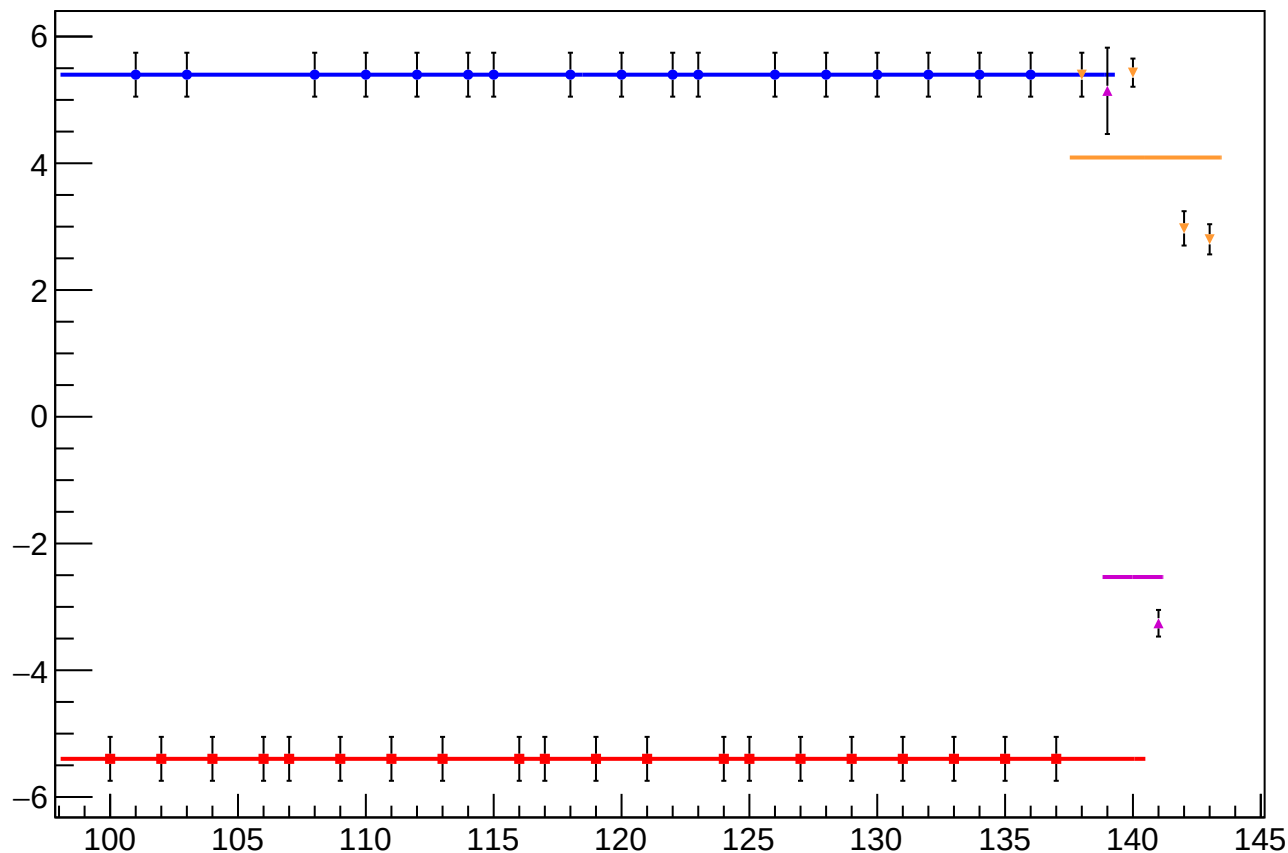
Left In: 7.167 ± 0.233 $\chi^2/\text{NDF}: 152.0/1$

-13.176 ± 0.078 $\chi^2/\text{NDF}: 376.3/20$

0.129 ± 0.055 $\chi^2/\text{NDF}: 58328.1/42$

12.899 ± 0.076 $\chi^2/\text{NDF}: 832.6/21$

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.398 ± 0.084 χ^2/NDF : 0.0/16

Left Out: 4.091 ± 0.129 χ^2/NDF : 96.9/3

Right Out: -5.398 ± 0.077 χ^2/NDF : 0.0/19

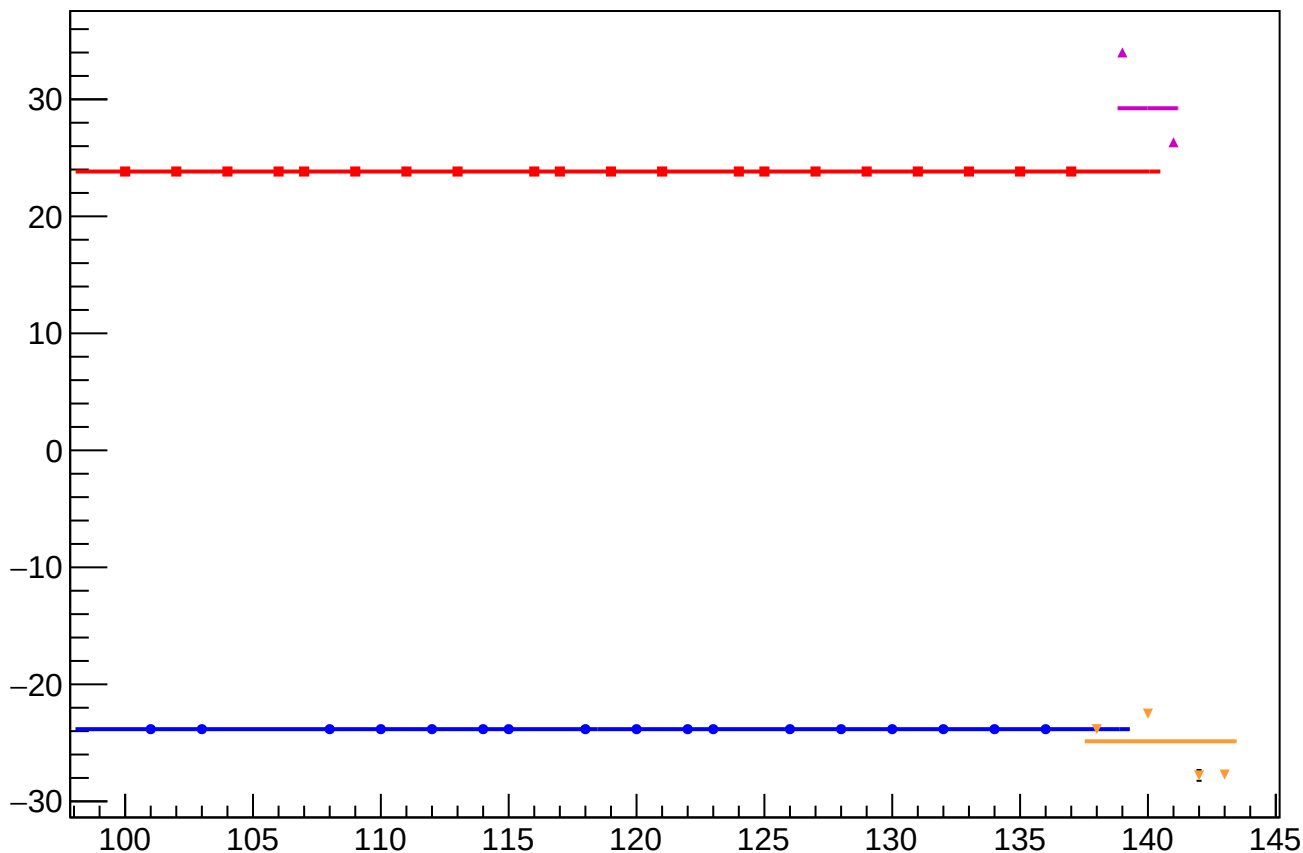
Left In: -2.529 ± 0.201 χ^2/NDF : 138.9/1

5.010 ± 0.070 χ^2/NDF : 168.7/20

0.120 ± 0.050 χ^2/NDF : 10364.9/42

-5.026 ± 0.072 χ^2/NDF : 316.6/21

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.831±/-0.095 χ^2/NDF : 0.0/16

Left Out: -24.864±/-0.182 χ^2/NDF :170.6/3

Right Out: 23.831±/-0.088 χ^2/NDF : 0.0/19

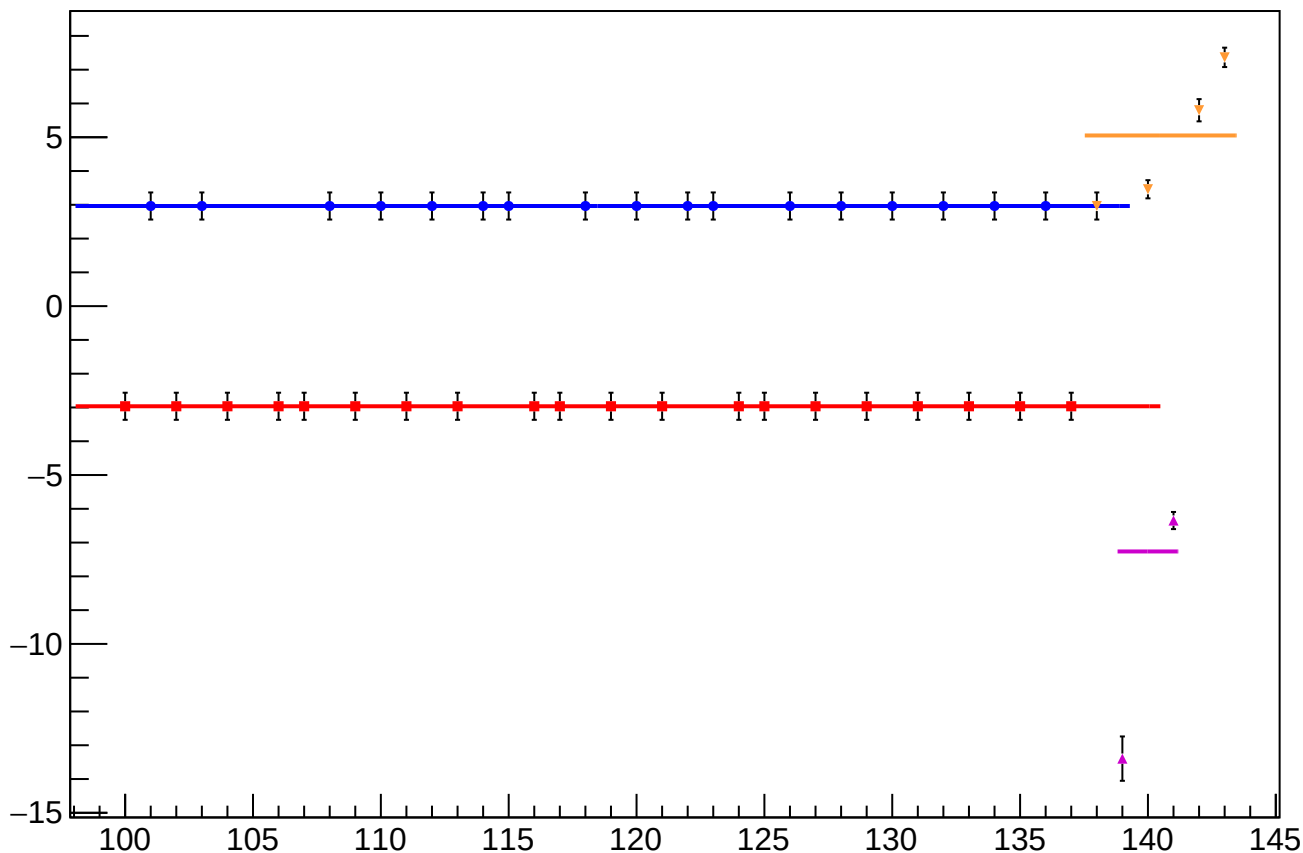
Left In: 29.239±/-0.249 χ^2/NDF :223.9/1

-24.052±/-0.084 χ^2/NDF : 195.9/20

0.655±/-0.059 χ^2/NDF : 169663.2/42

24.427±/-0.083 χ^2/NDF : 644.0/21

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.964 $\pm$ 0.097 χ^2 /NDF: 0.0/16

Left Out: 5.053 $\pm$ 0.155 χ^2 /NDF:132.2/3

Right Out: -2.964 $\pm$ 0.090 χ^2 /NDF: 0.0/19

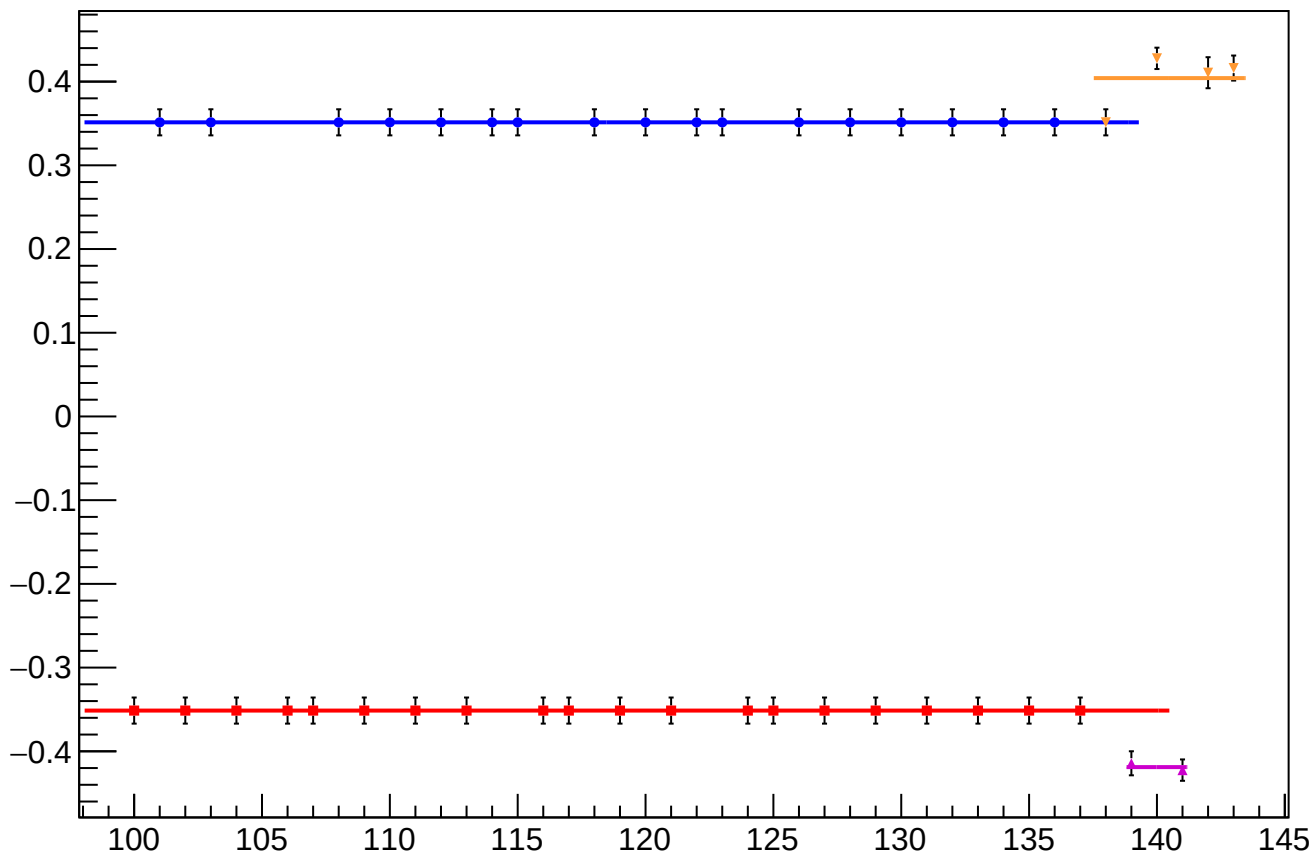
Left In: -7.263 $\pm$ 0.237 χ^2 /NDF:100.3/1

3.553 $\pm$ 0.082 χ^2 /NDF: 261.8/20

0.084 $\pm$ 0.059 χ^2 /NDF: 4248.9/42

-3.505 $\pm$ 0.084 χ^2 /NDF: 389.0/21

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.351 $\pm$ 0.004 χ^2/NDF : 0.0/16

Left Out: 0.404 $\pm$ 0.008 χ^2/NDF : 15.7/3

Right Out: -0.351 $\pm$ 0.003 χ^2/NDF : 0.0/19

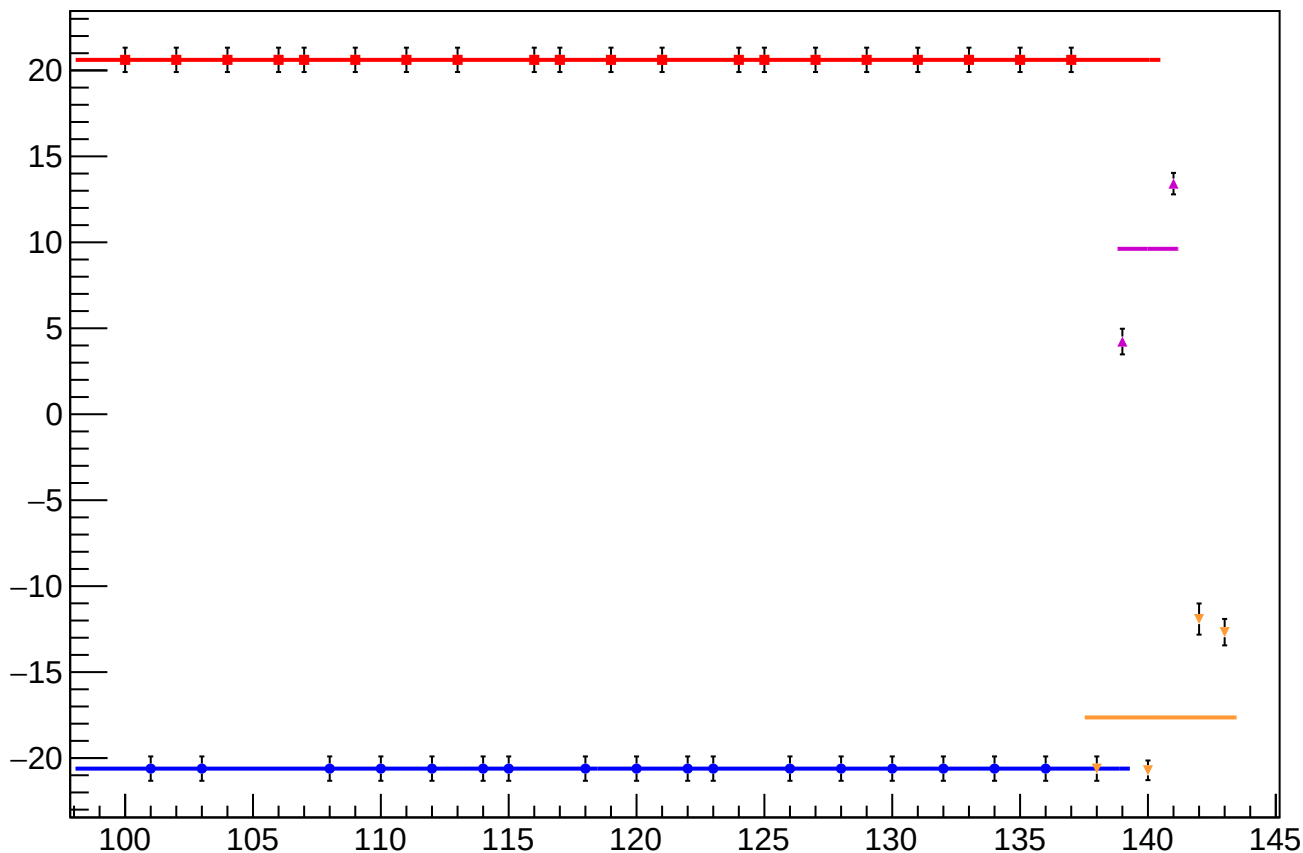
Left In: -0.419 $\pm$ 0.010 χ^2/NDF : 0.2/1

0.362 $\pm$ 0.003 χ^2/NDF : 55.0/20

-0.010 $\pm$ 0.002 χ^2/NDF : 23604.0/42

-0.359 $\pm$ 0.003 χ^2/NDF : 44.4/21

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.614 +/- 0.172 χ^2/NDF : 0.0/16

Left Out: -17.637 +/- 0.354 χ^2/NDF : 128.0/3

Right Out: 20.614 +/- 0.158 χ^2/NDF : 0.0/19

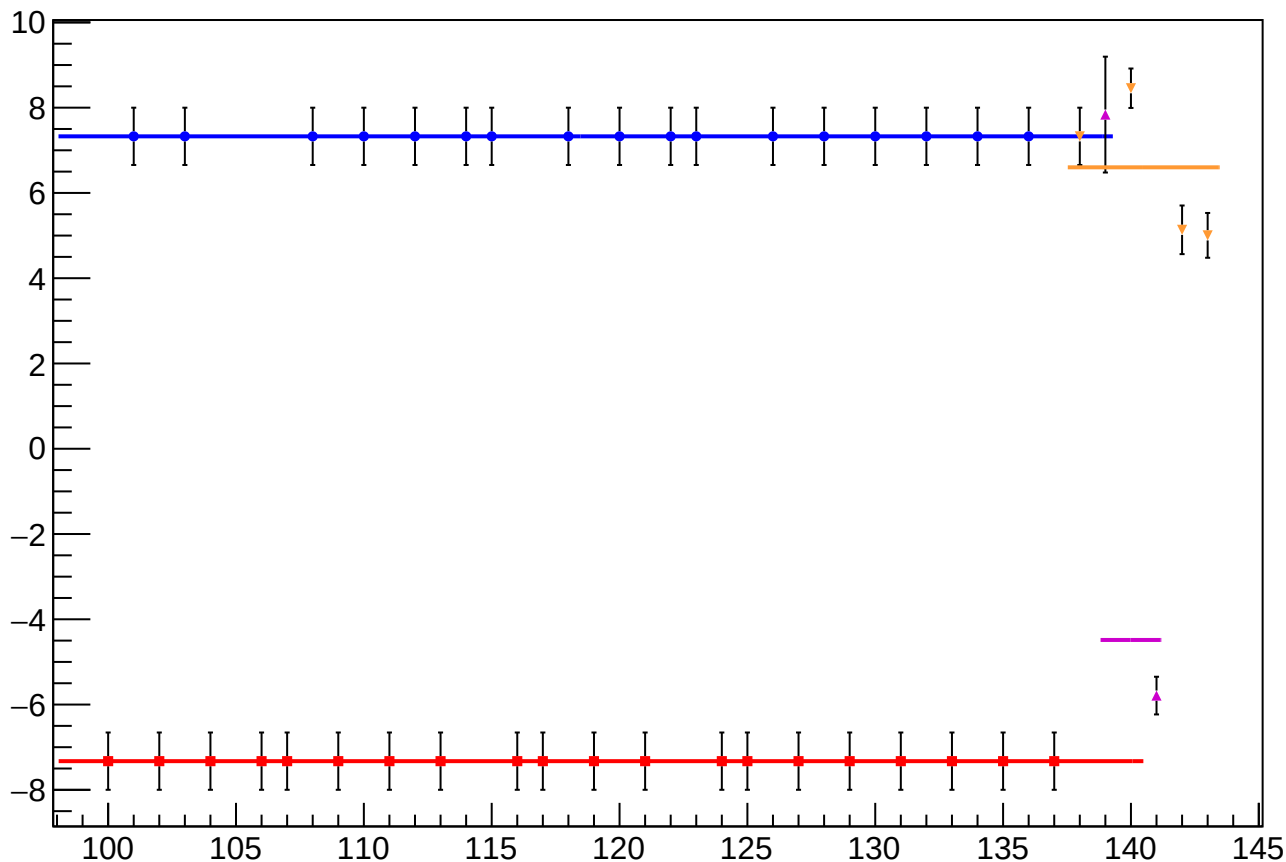
Left In: 9.622 +/- 0.479 χ^2/NDF : 89.2/1

-20.047 +/- 0.155 χ^2/NDF : 185.1/20

0.287 +/- 0.108 χ^2/NDF : 34389.7/42

19.529 +/- 0.150 χ^2/NDF : 563.7/21

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.327 $\pm$ 0.163 χ^2/NDF : 0.0/16

Left Out: 6.601 $\pm$ 0.271 χ^2/NDF : 33.1/3

Right Out: -7.327 $\pm$ 0.150 χ^2/NDF : 0.0/19

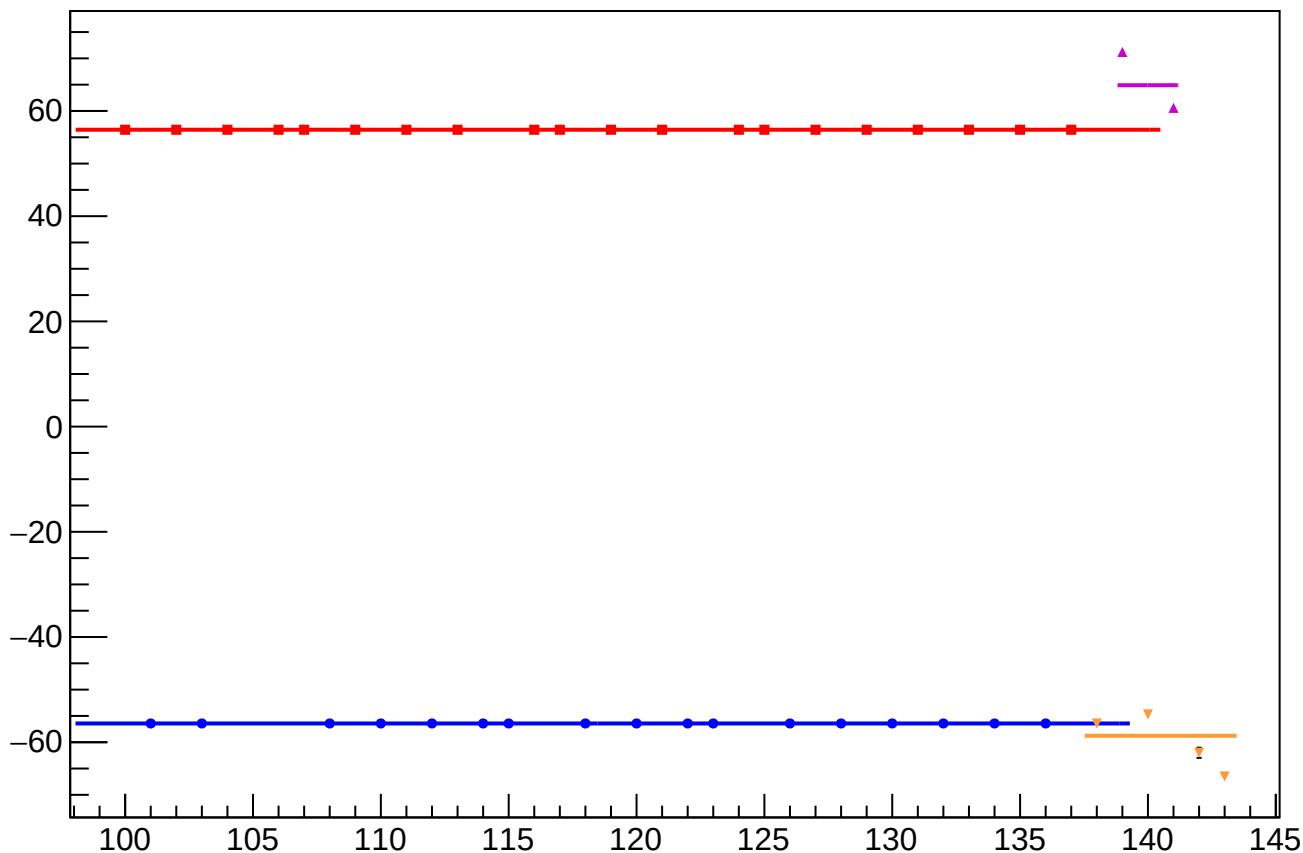
Left In: -4.485 $\pm$ 0.420 χ^2/NDF : 91.0/1

7.135 $\pm$ 0.140 χ^2/NDF : 38.4/20

0.154 $\pm$ 0.099 χ^2/NDF : 5228.9/42

-7.005 $\pm$ 0.141 χ^2/NDF : 131.5/21

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.432 ± 0.186 χ^2/NDF : 0.0/16

Left Out: -58.770 ± 0.379 χ^2/NDF : 153.8/3

Right Out: 56.432 ± 0.172 χ^2/NDF : 0.0/19

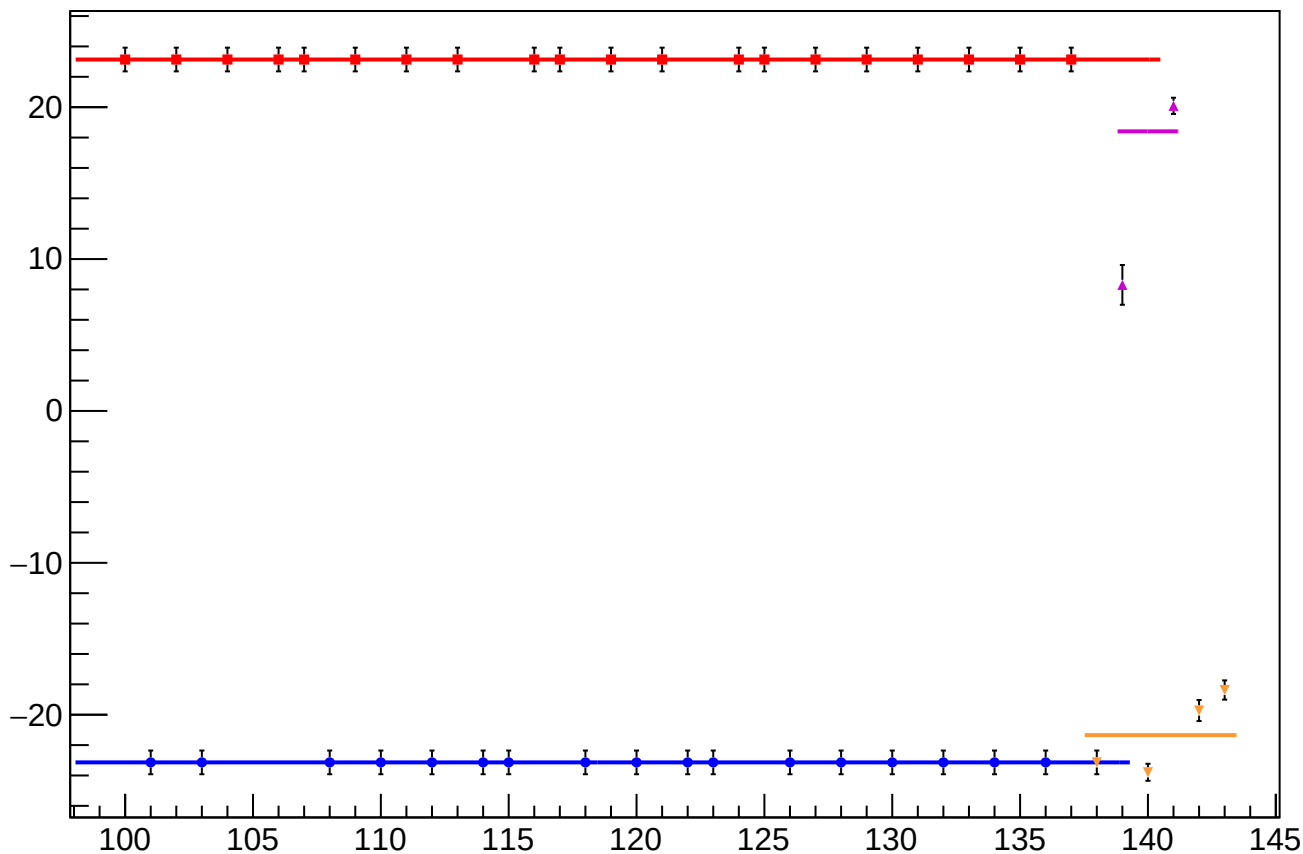
Left In: 64.897 ± 0.513 χ^2/NDF : 103.6/1

-56.886 ± 0.167 χ^2/NDF : 184.3/20

1.711 ± 0.117 χ^2/NDF : 239825.5/42

57.286 ± 0.163 χ^2/NDF : 348.6/21

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -23.138 $\pm$ 0.189 χ^2/NDF : 0.0/16

Left Out: -21.341 $\pm$ 0.326 χ^2/NDF : 51.8/3

Right Out: 23.138 $\pm$ 0.174 χ^2/NDF : 0.0/19

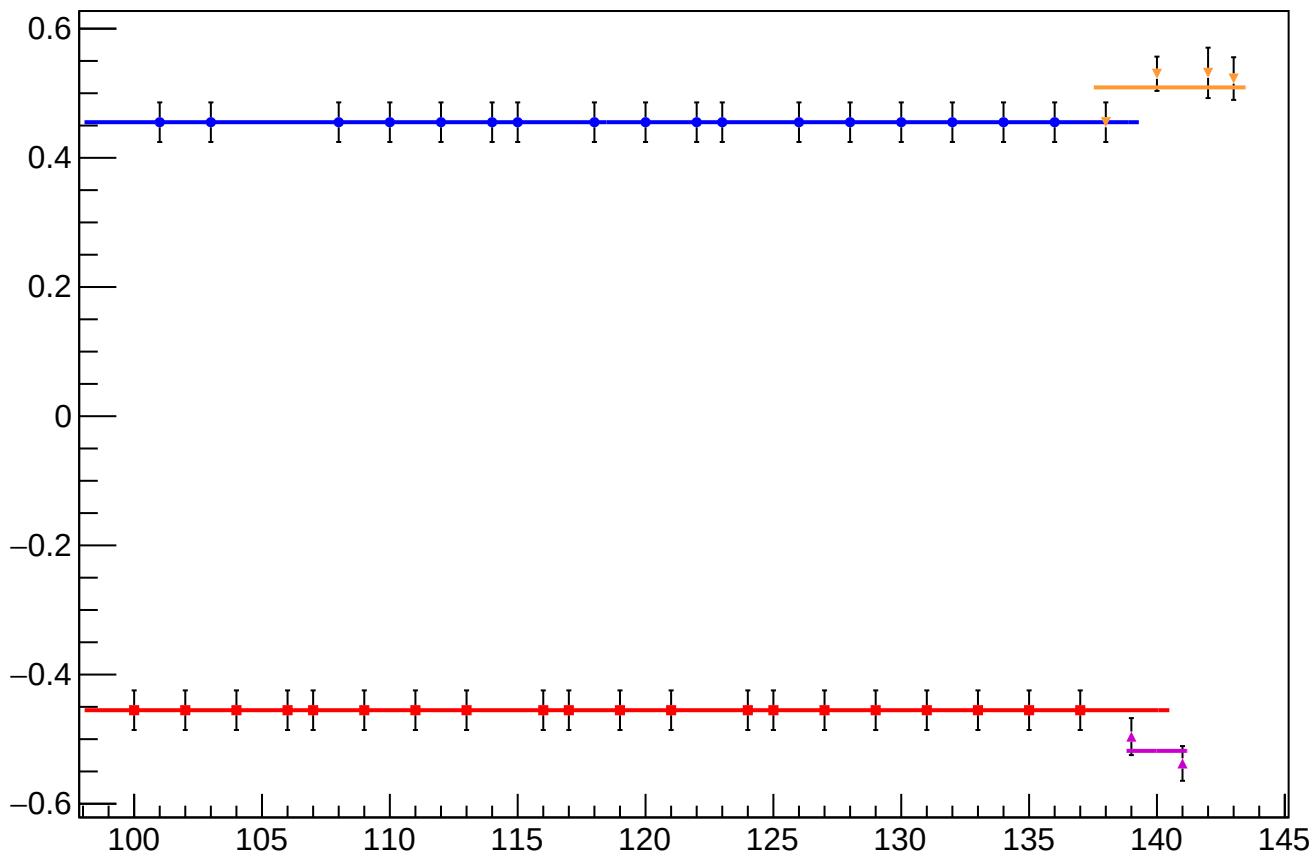
Left In: 18.407 $\pm$ 0.494 χ^2/NDF : 69.5/1

-22.686 $\pm$ 0.164 χ^2/NDF : 74.6/20

-0.153 $\pm$ 0.116 χ^2/NDF : 38347.9/42

22.615 $\pm$ 0.164 χ^2/NDF : 151.0/21

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected

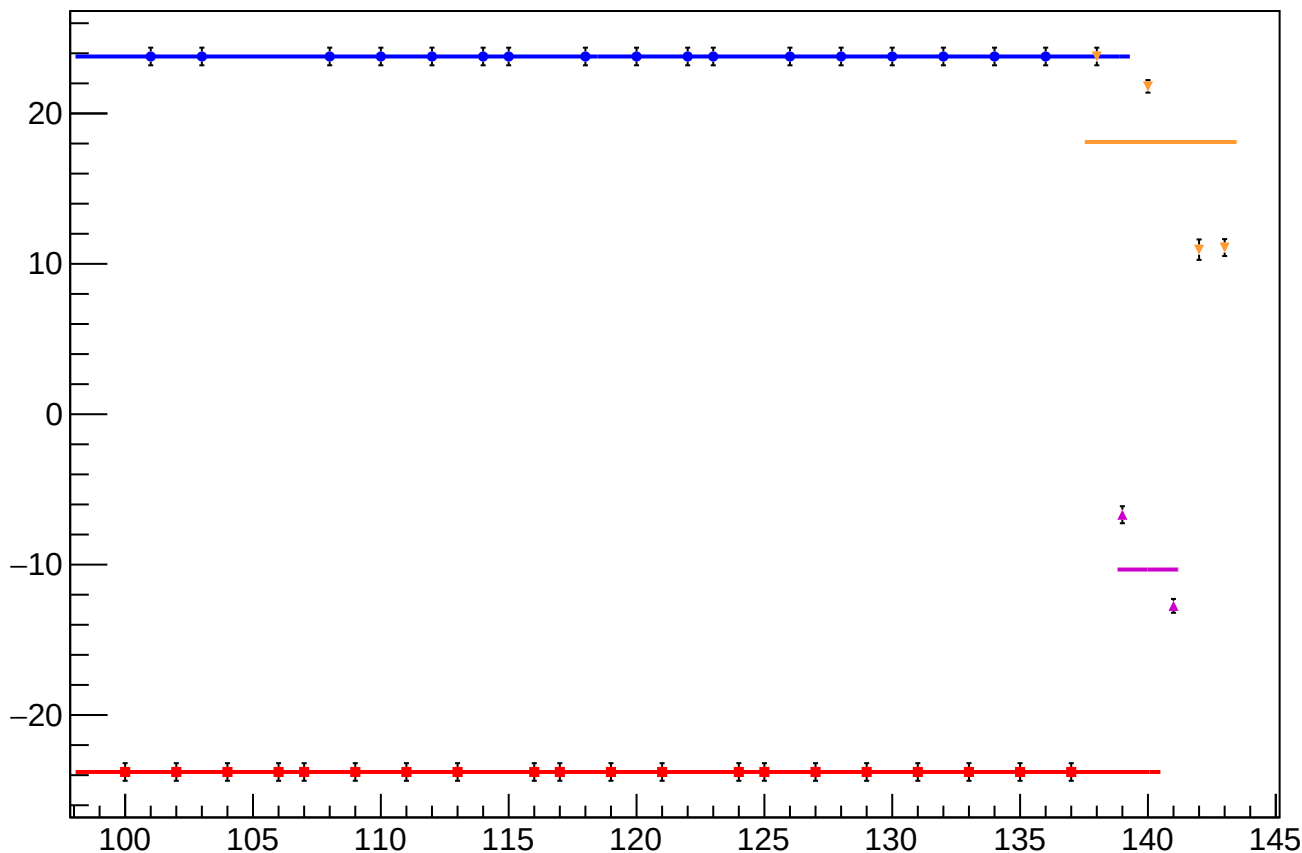


0.465 ± 0.007 $\chi^2/\text{NDF}: 13.8/20$

-0.016 ± 0.005 $\chi^2/\text{NDF}: 9901.8/42$

-0.462 ± 0.006 $\chi^2/\text{NDF}: 10.3/21$

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.788 $\pm$ 0.142 χ^2 /NDF: 0.0/16

Left Out: 18.101 $\pm$ 0.268 χ^2 /NDF: 438.7/3

Right Out: -23.788 $\pm$ 0.131 χ^2 /NDF: 0.0/19

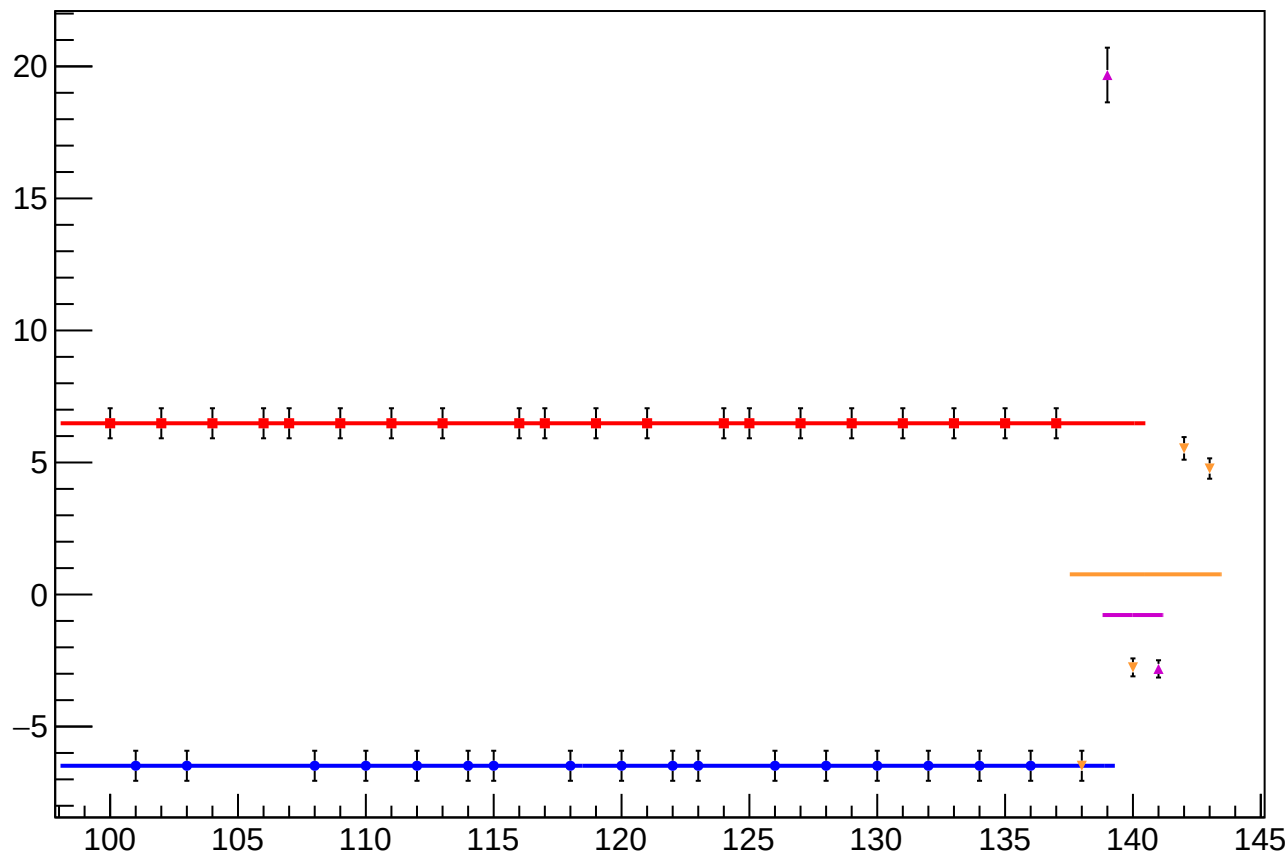
Left In: -10.327 $\pm$ 0.358 χ^2 /NDF: 68.8/1

22.536 $\pm$ 0.126 χ^2 /NDF: 790.3/20

-0.276 $\pm$ 0.088 χ^2 /NDF: 66739.6/42

-22.191 $\pm$ 0.123 χ^2 /NDF: 1317.9/21

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.485 ± 0.138 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 0.765 ± 0.204 $\chi^2/\text{NDF}: 501.9/3$

Right Out: 6.485 ± 0.127 $\chi^2/\text{NDF}: 0.0/19$

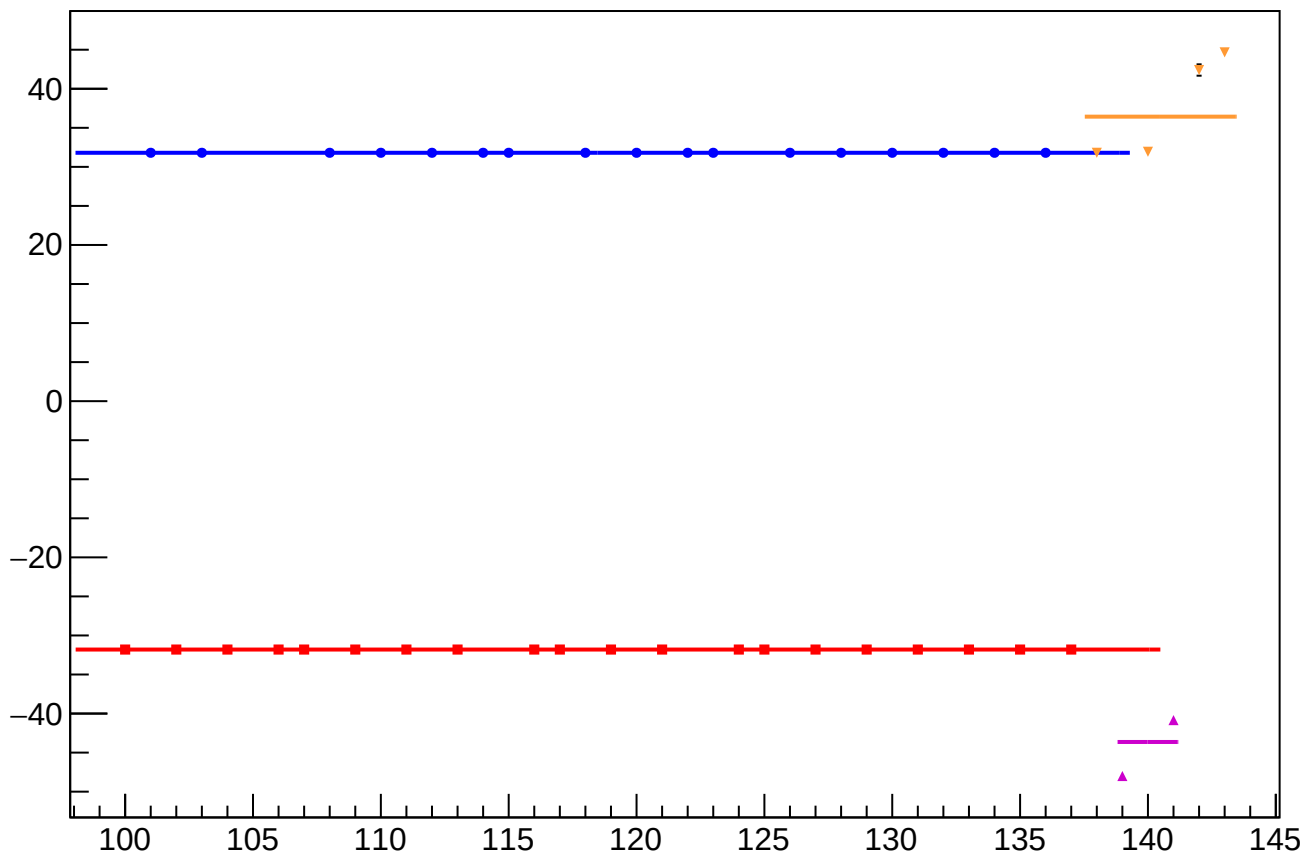
Left In: -0.777 ± 0.312 $\chi^2/\text{NDF}: 429.1/1$

-4.215 ± 0.114 $\chi^2/\text{NDF}: 1366.0/20$

0.474 ± 0.082 $\chi^2/\text{NDF}: 5724.2/42$

5.449 ± 0.118 $\chi^2/\text{NDF}: 894.2/21$

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.804 $\pm$ 0.154 χ^2/NDF : 0.0/16

Left Out: 36.430 $\pm$ 0.287 χ^2/NDF : 410.1/3

Right Out: -31.804 $\pm$ 0.142 χ^2/NDF : 0.0/19

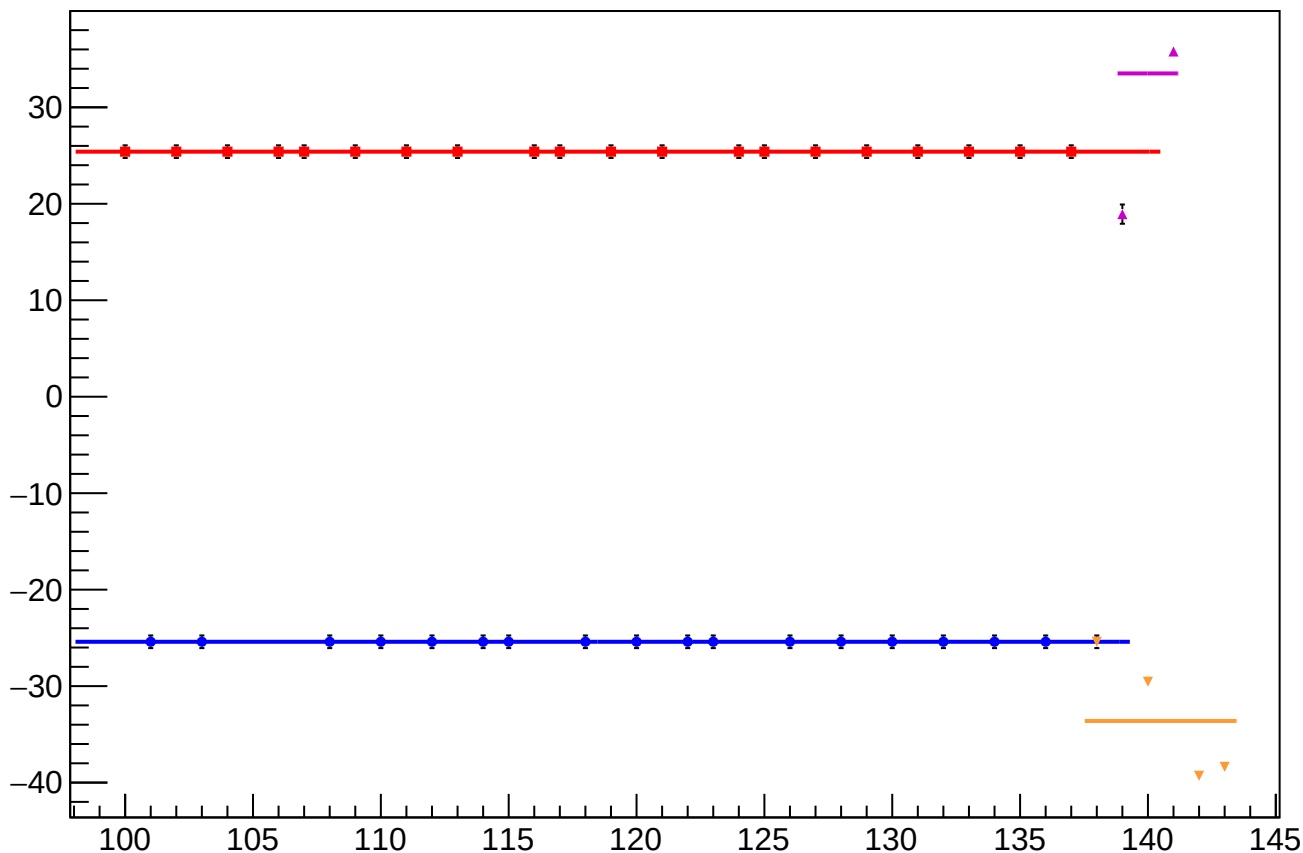
Left In: -43.639 $\pm$ 0.383 χ^2/NDF : 83.3/1

32.842 $\pm$ 0.136 χ^2/NDF : 612.2/20

-0.818 $\pm$ 0.095 χ^2/NDF : 122185.5/42

-33.239 $\pm$ 0.133 χ^2/NDF : 923.9/21

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.404 $\pm$ 0.159 χ^2/NDF : 0.0/16

Left Out: -33.612 $\pm$ 0.245 χ^2/NDF : 478.8/3

Right Out: 25.404 $\pm$ 0.147 χ^2/NDF : 0.0/19

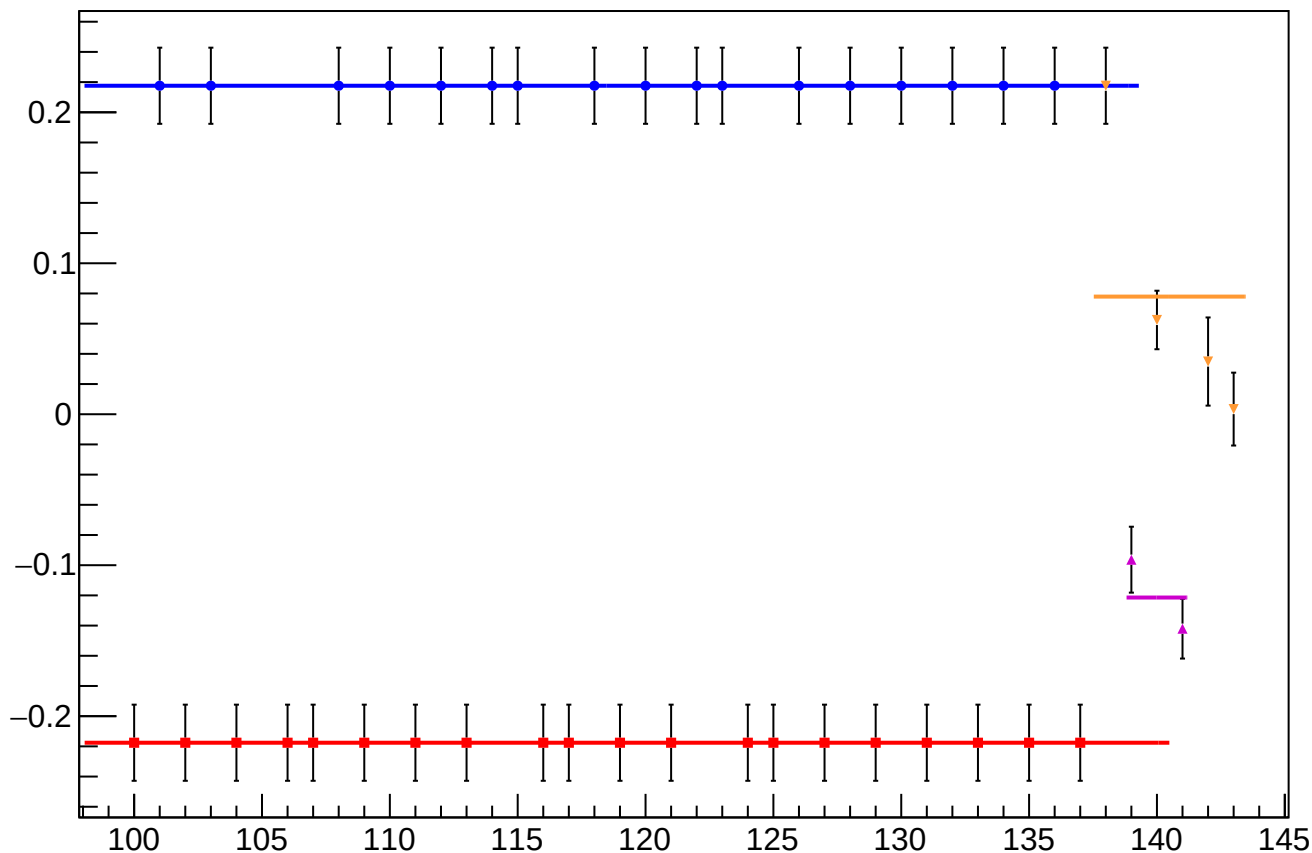
Left In: 33.512 $\pm$ 0.367 χ^2/NDF : 246.9/1

-27.837 $\pm$ 0.134 χ^2/NDF : 1265.3/20

-1.202 $\pm$ 0.095 χ^2/NDF : 82983.4/42

26.525 $\pm$ 0.136 χ^2/NDF : 668.2/21

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.218 ± 0.006 χ^2/NDF : 0.0/16

Left Out: 0.078 ± 0.012 χ^2/NDF : 43.0/3

Right Out: -0.218 ± 0.006 χ^2/NDF : 0.0/19

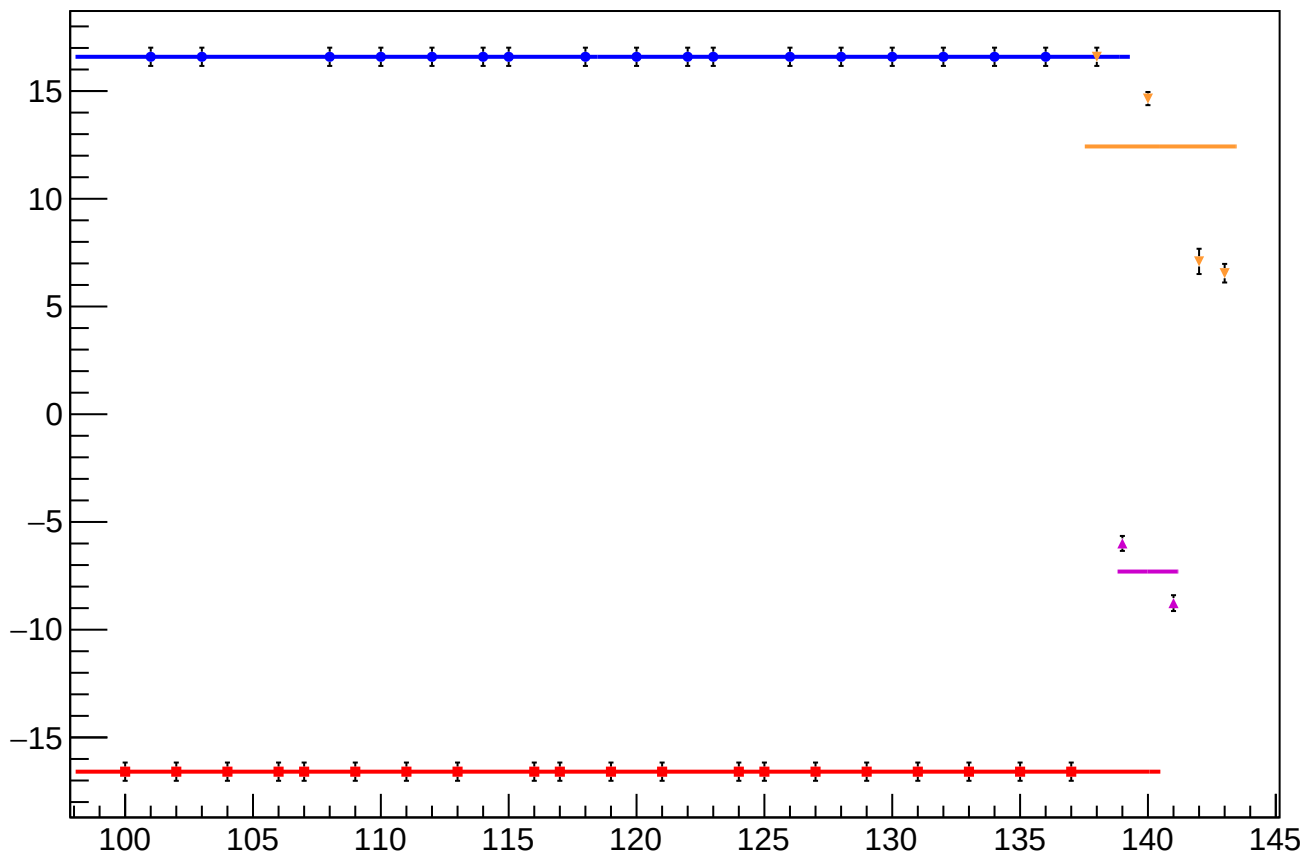
Left In: -0.121 ± 0.015 χ^2/NDF : 2.4/1

0.188 ± 0.005 χ^2/NDF : 152.7/20

-0.015 ± 0.004 χ^2/NDF : 2896.1/42

-0.205 ± 0.005 χ^2/NDF : 39.9/21

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 16.590 ± 0.103 χ^2/NDF : 0.0/16

Left Out: 12.428 ± 0.202 χ^2/NDF : 417.7/3

Right Out: -16.590 ± 0.095 χ^2/NDF : 0.0/19

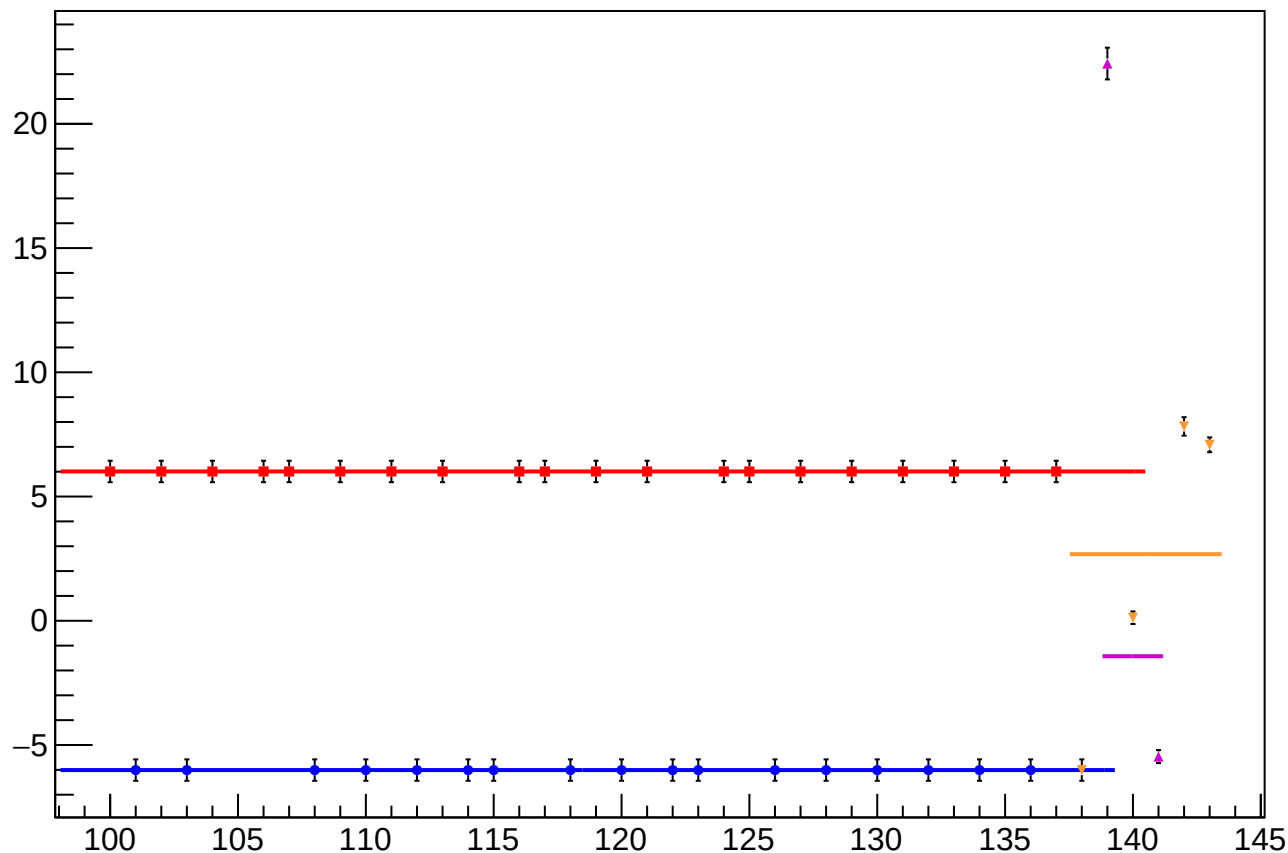
Left In: -7.302 ± 0.252 χ^2/NDF : 30.0/1

15.733 ± 0.092 χ^2/NDF : 755.5/20

-0.351 ± 0.064 χ^2/NDF : 61787.4/42

-15.443 ± 0.089 χ^2/NDF : 1216.6/21

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.009 ± 0.105 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 2.682 ± 0.159 $\chi^2/\text{NDF}: 917.4/3$

Right Out: 6.009 ± 0.096 $\chi^2/\text{NDF}: 0.0/19$

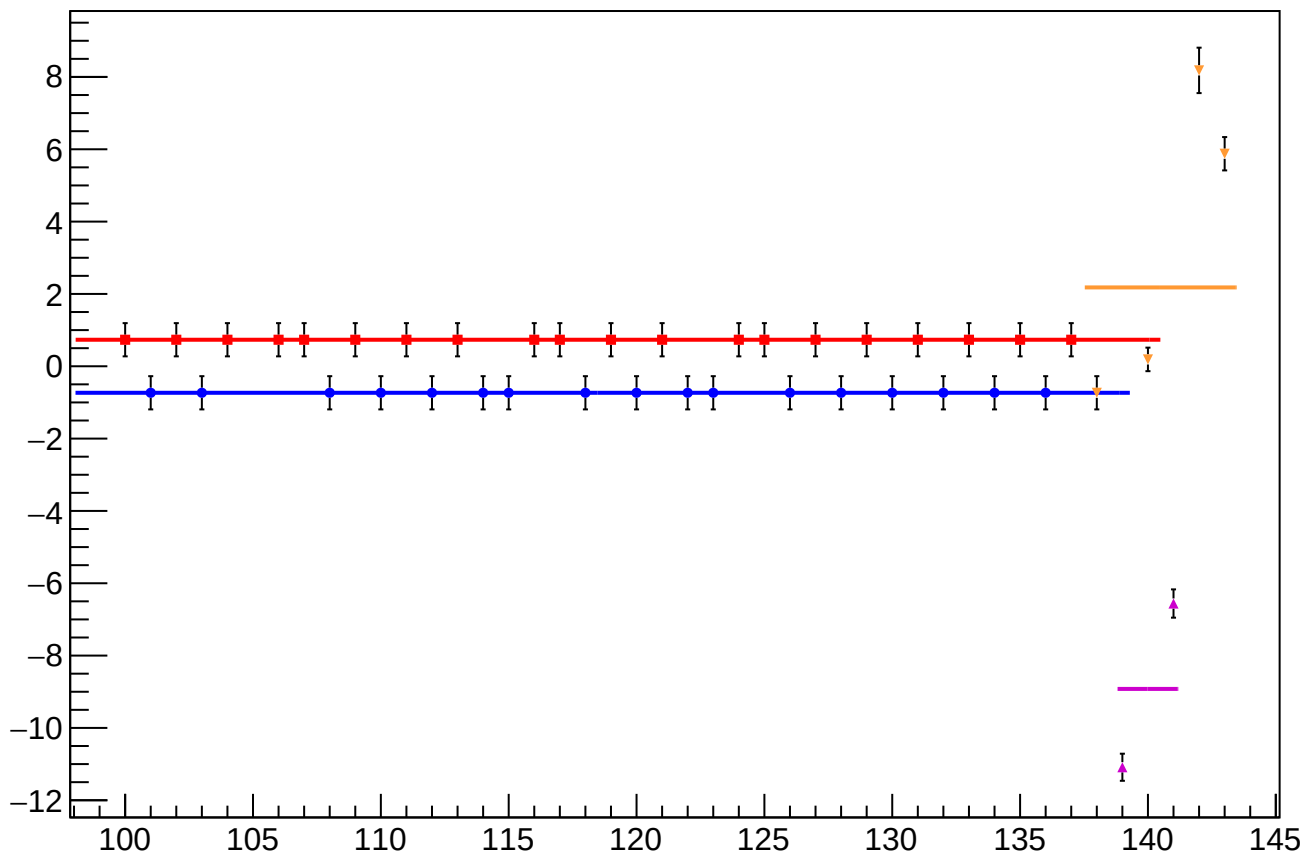
Left In: -1.427 ± 0.243 $\chi^2/\text{NDF}: 1629.6/1$

-3.384 ± 0.087 $\chi^2/\text{NDF}: 3000.8/20$

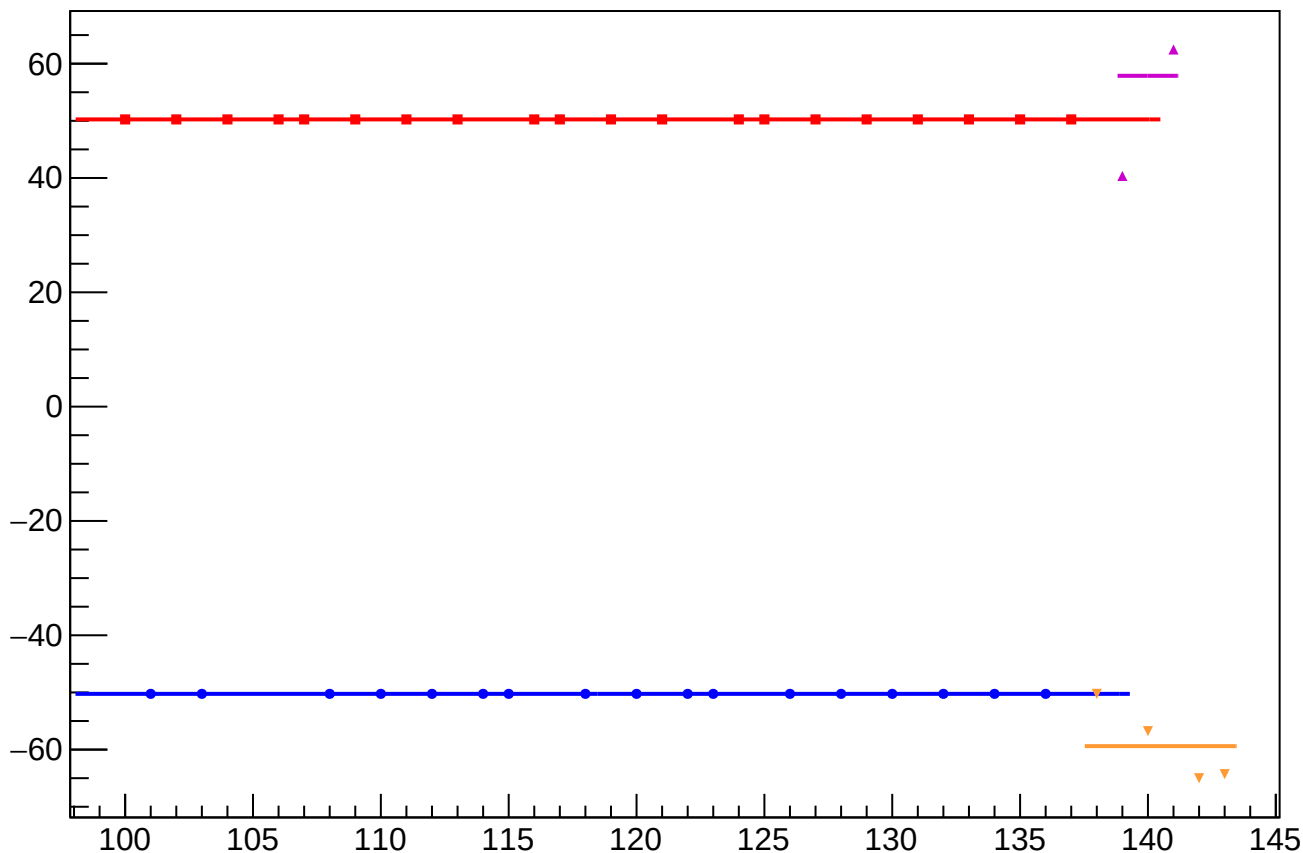
0.700 ± 0.063 $\chi^2/\text{NDF}: 9917.2/42$

4.997 ± 0.090 $\chi^2/\text{NDF}: 2437.8/21$

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -50.248 ± 0.119 χ^2/NDF : 0.0/16

Left Out: -59.397 ± 0.190 χ^2/NDF : 764.0/3

Right Out: 50.248 ± 0.110 χ^2/NDF : 0.0/19

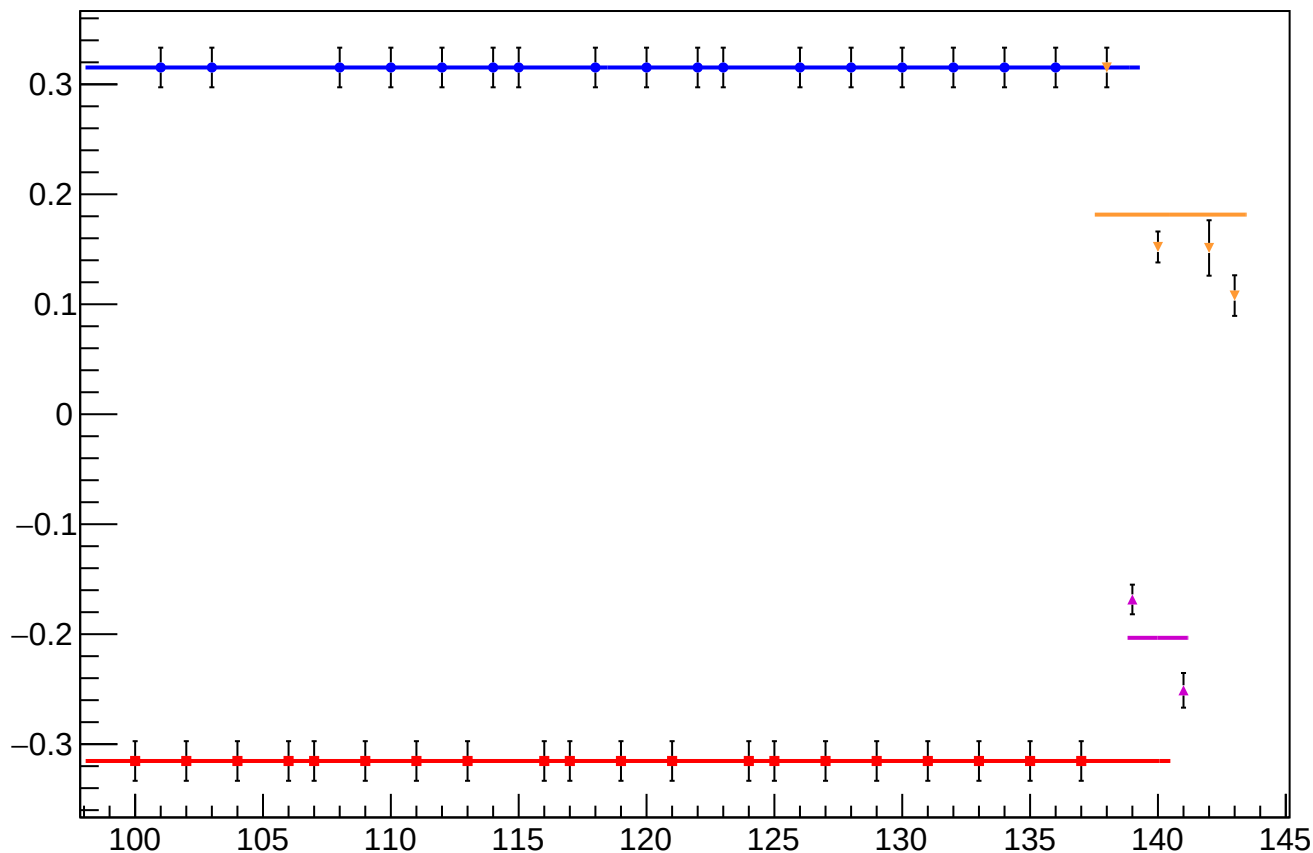
Left In: 57.878 ± 0.281 χ^2/NDF : 1020.4/1

-52.831 ± 0.101 χ^2/NDF : 2426.0/20

-1.485 ± 0.072 χ^2/NDF : 527848.9/42

51.260 ± 0.102 χ^2/NDF : 1659.1/21

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.315 ± 0.004 χ^2/NDF : 0.0/16

Left Out: 0.182 ± 0.009 χ^2/NDF : 76.8/3

Right Out: -0.315 ± 0.004 χ^2/NDF : 0.0/19

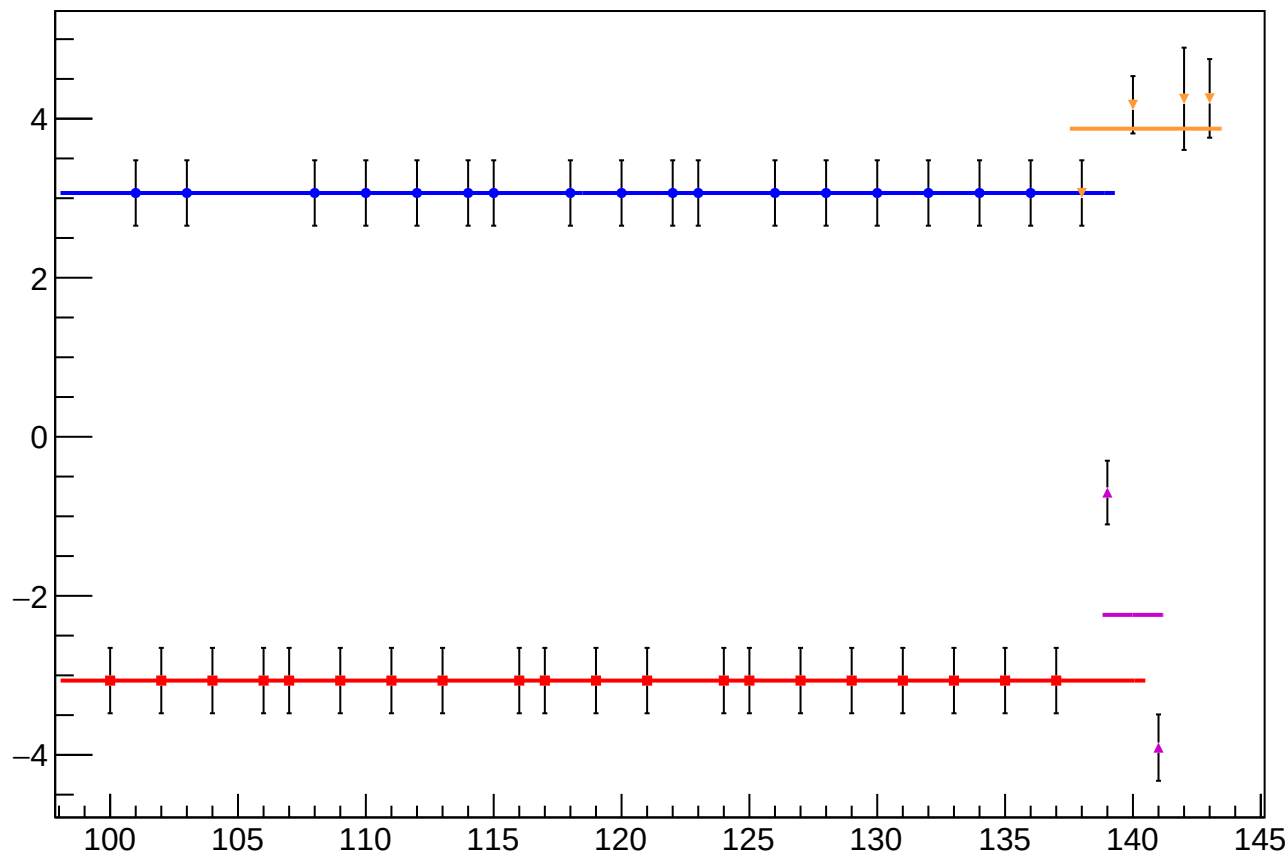
Left In: -0.203 ± 0.010 χ^2/NDF : 15.9/1

0.289 ± 0.004 χ^2/NDF : 259.0/20

-0.019 ± 0.003 χ^2/NDF : 12186.9/42

-0.300 ± 0.004 χ^2/NDF : 119.5/21

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.066 ± 0.100 χ^2/NDF : 0.0/16

Left Out: 3.874 ± 0.223 χ^2/NDF : 5.5/3

Right Out: -3.066 ± 0.092 χ^2/NDF : 0.0/19

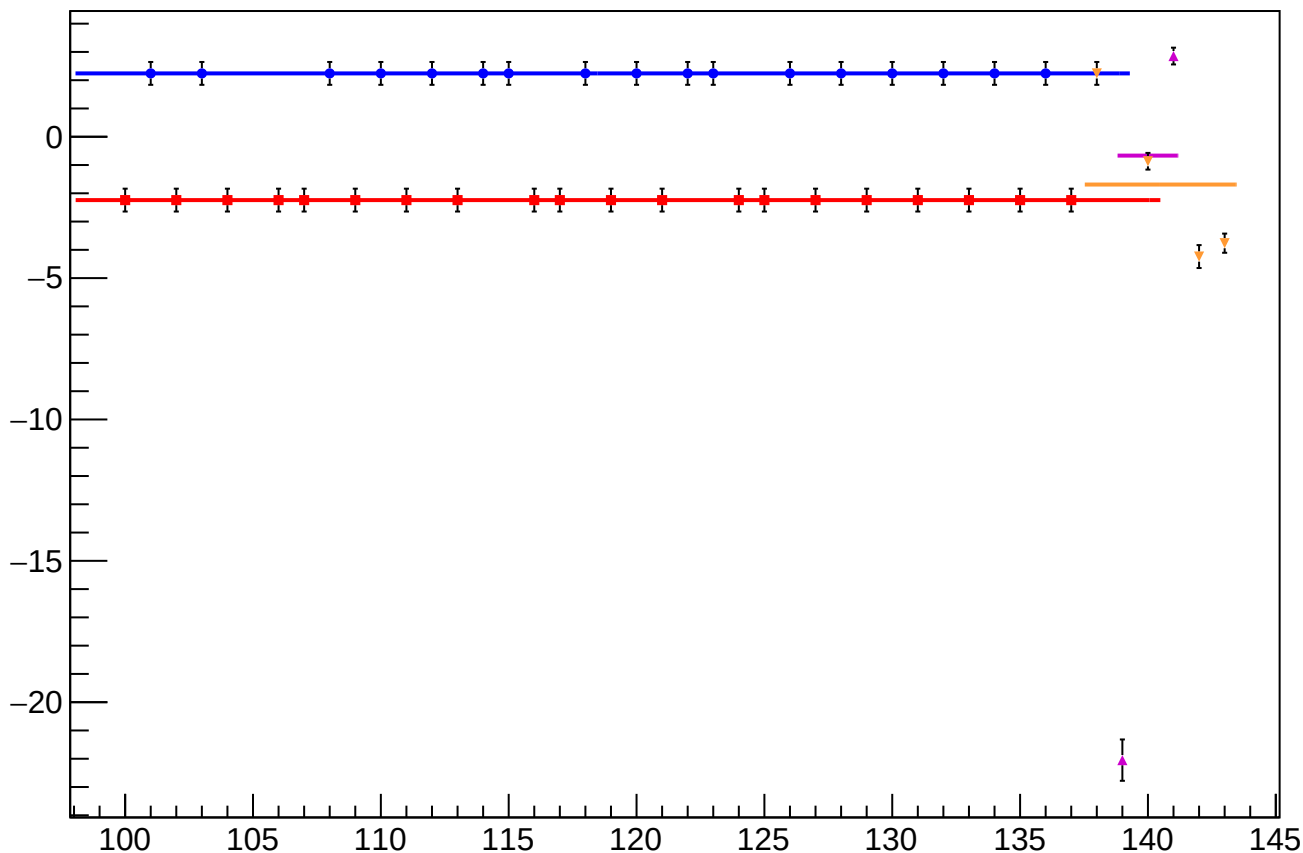
Left In: -2.239 ± 0.289 χ^2/NDF : 30.8/1

3.200 ± 0.091 χ^2/NDF : 16.5/20

-0.013 ± 0.063 χ^2/NDF : 2454.4/42

-2.990 ± 0.088 χ^2/NDF : 38.2/21

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.241 $\pm$ 0.098 χ^2 /NDF: 0.0/16

Left Out: -1.690 $\pm$ 0.176 χ^2 /NDF: 179.2/3

Right Out: -2.241 $\pm$ 0.090 χ^2 /NDF: 0.0/19

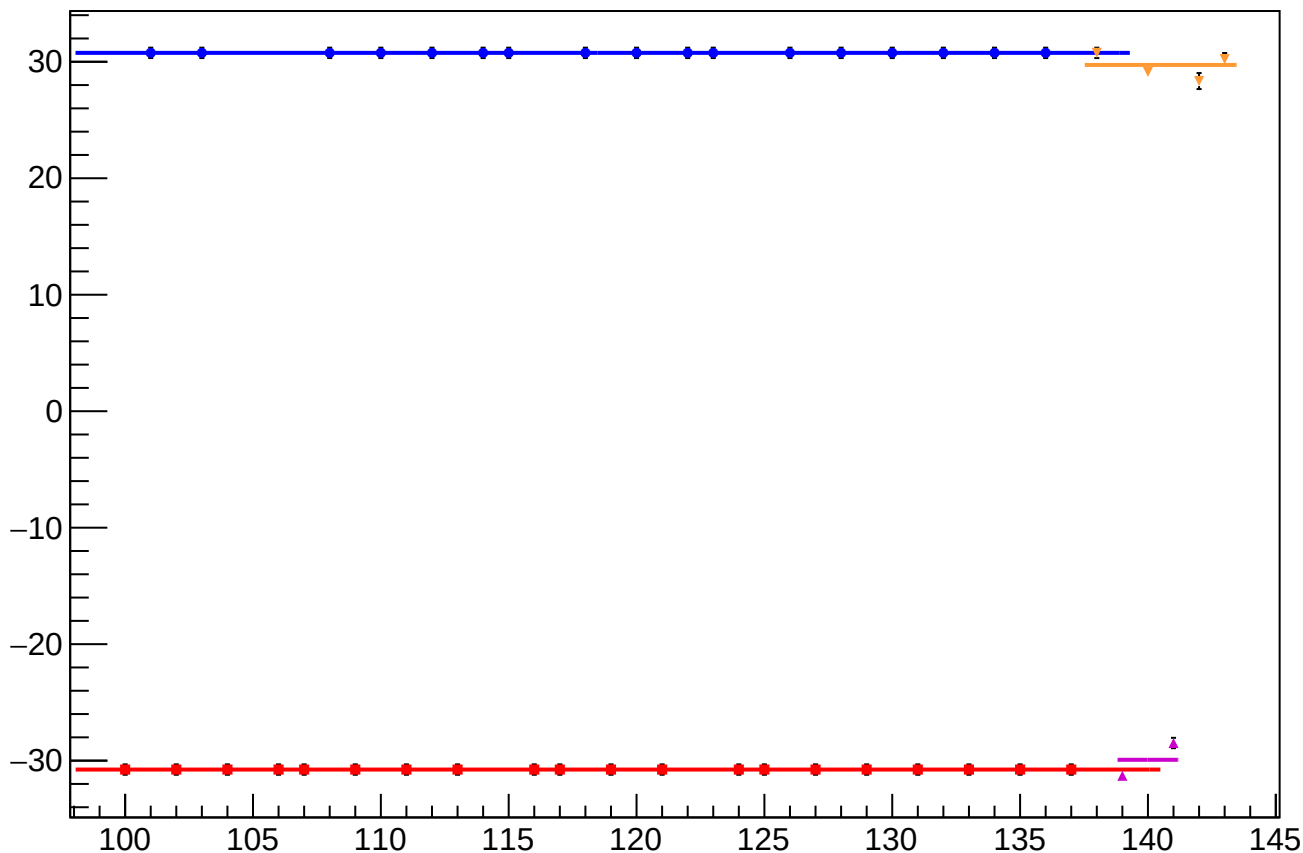
Left In: -0.667 $\pm$ 0.275 χ^2 /NDF: 996.4/1

1.308 $\pm$ 0.086 χ^2 /NDF: 560.9/20

-0.385 $\pm$ 0.061 χ^2 /NDF: 2370.8/42

-2.087 $\pm$ 0.086 χ^2 /NDF: 1026.0/21

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.765+/-0.108 χ^2/NDF : 0.0/16

Left Out: 29.729+/-0.239 χ^2/NDF : 12.8/3

Right Out: -30.765+/-0.100 χ^2/NDF : 0.0/19

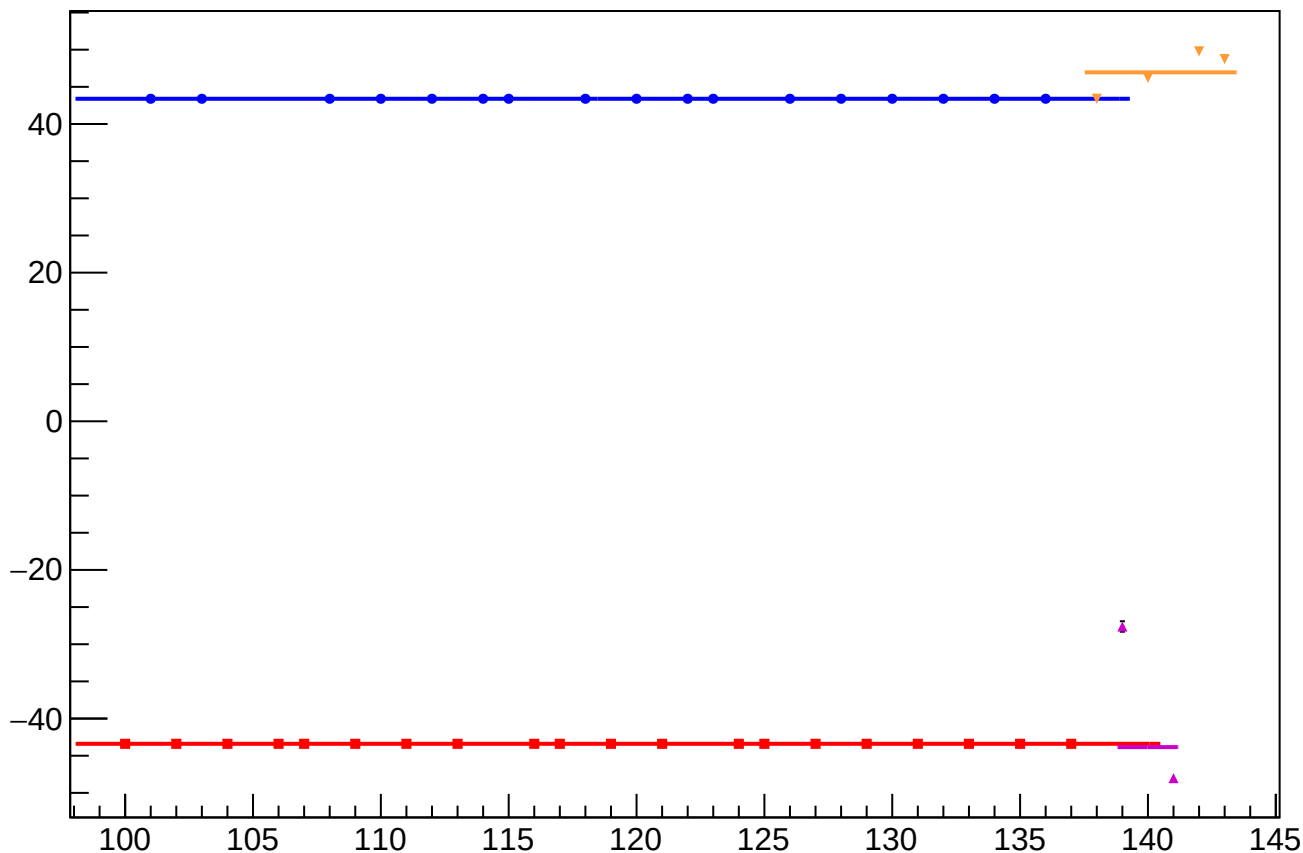
Left In: -29.927+/-0.310 χ^2/NDF : 20.6/1

30.589+/-0.099 χ^2/NDF : 28.4/20

-1.193+/-0.068 χ^2/NDF : 200746.9/42

-30.686+/-0.095 χ^2/NDF : 27.2/21

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.396 $\pm$ 0.113 χ^2 /NDF: 0.0/16

Left Out: 46.952 $\pm$ 0.210 χ^2 /NDF:114.9/3

Right Out: -43.396 $\pm$ 0.104 χ^2 /NDF: 0.0/19

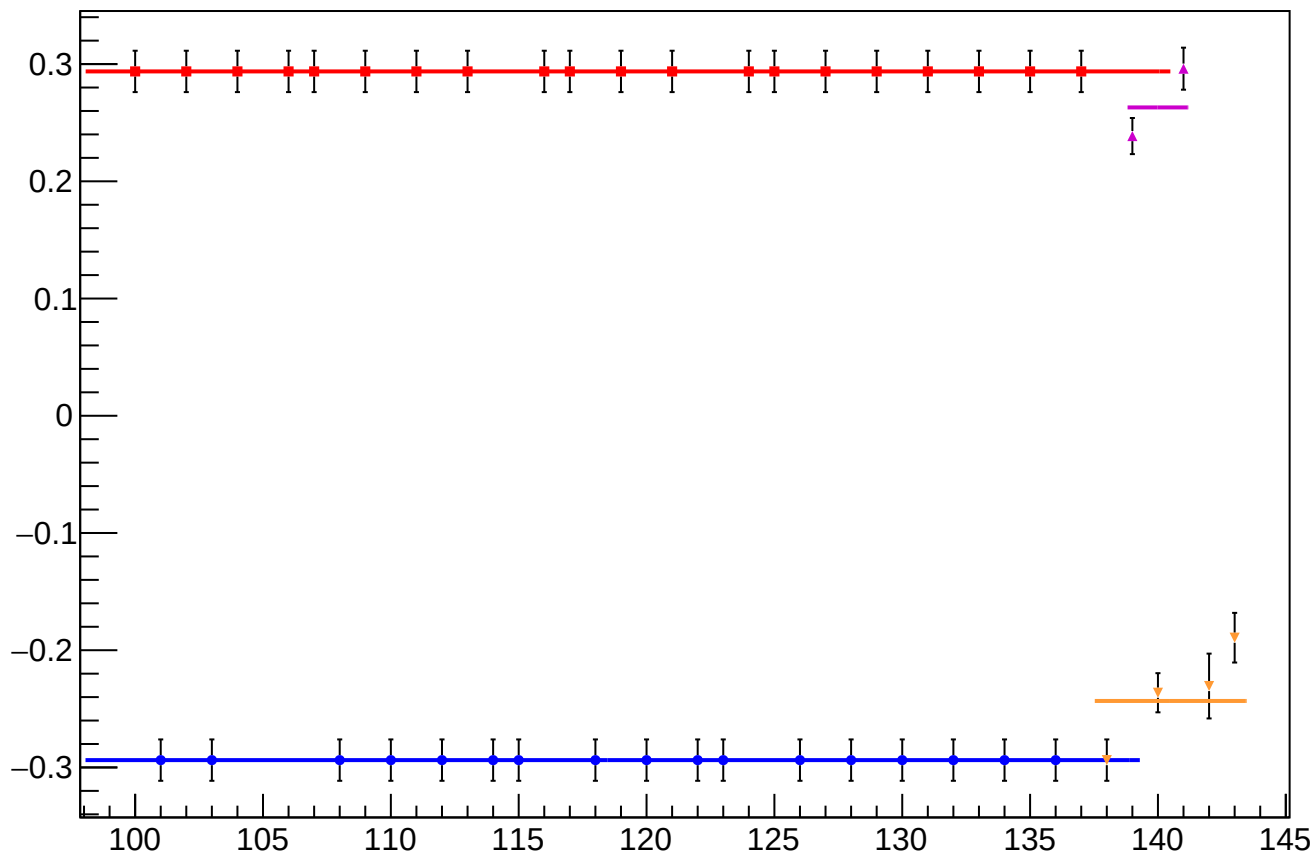
Left In: -43.839 $\pm$ 0.319 χ^2 /NDF:667.0/1

44.190 $\pm$ 0.099 χ^2 /NDF: 337.1/20

0.136 $\pm$ 0.070 χ^2 /NDF: 392305.2/42

-43.439 $\pm$ 0.099 χ^2 /NDF: 668.7/21

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.294 ± 0.004 χ^2/NDF : 0.0/16

Left Out: -0.243 ± 0.010 χ^2/NDF : 15.1/3

Right Out: 0.294 ± 0.004 χ^2/NDF : 0.0/19

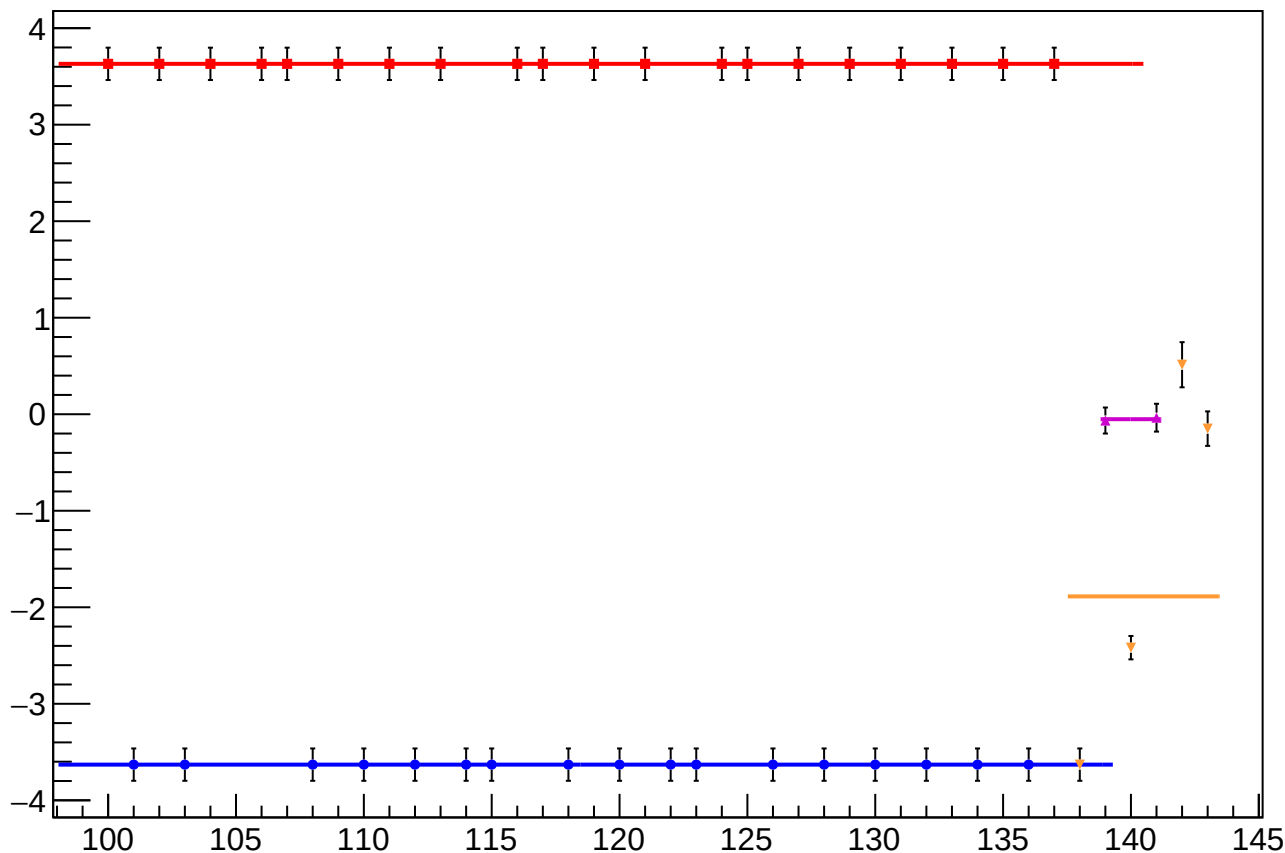
Left In: 0.263 ± 0.012 χ^2/NDF : 5.9/1

-0.286 ± 0.004 χ^2/NDF : 37.2/20

0.016 ± 0.003 χ^2/NDF : 11355.9/42

0.291 ± 0.004 χ^2/NDF : 12.1/21

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.630 ± 0.041 χ^2/NDF : 0.0/16

Left Out: -1.887 ± 0.081 χ^2/NDF : 327.4/3

Right Out: 3.630 ± 0.037 χ^2/NDF : 0.0/19

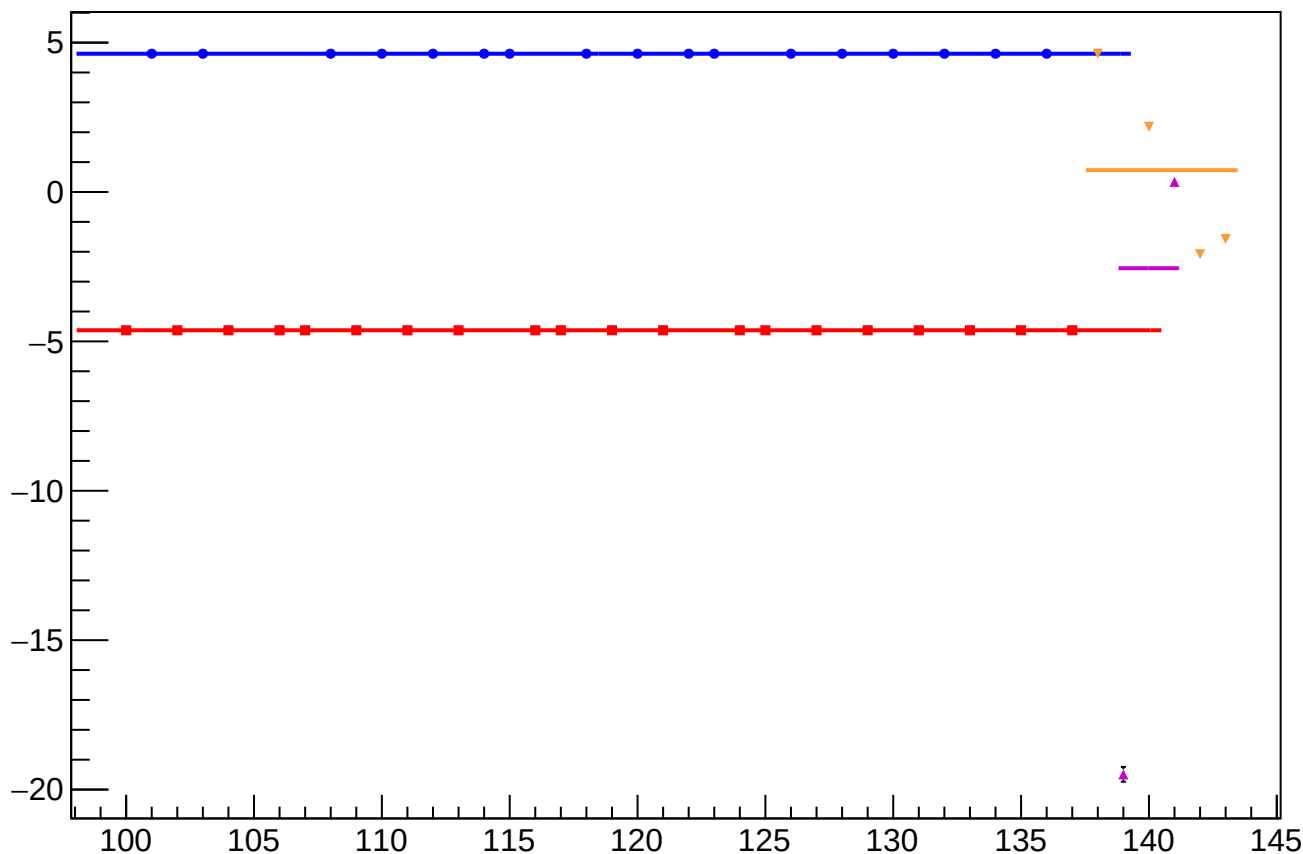
Left In: -0.051 ± 0.098 χ^2/NDF : 0.0/1

-3.278 ± 0.036 χ^2/NDF : 699.2/20

0.059 ± 0.025 χ^2/NDF : 18242.4/42

3.165 ± 0.035 χ^2/NDF : 1221.6/21

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.628 $\pm$ 0.041 χ^2 /NDF: 0.0/16

Left Out: 0.730 $\pm$ 0.064 χ^2 /NDF:1454.3/3

Right Out: -4.628 $\pm$ 0.038 χ^2 /NDF: 0.0/19

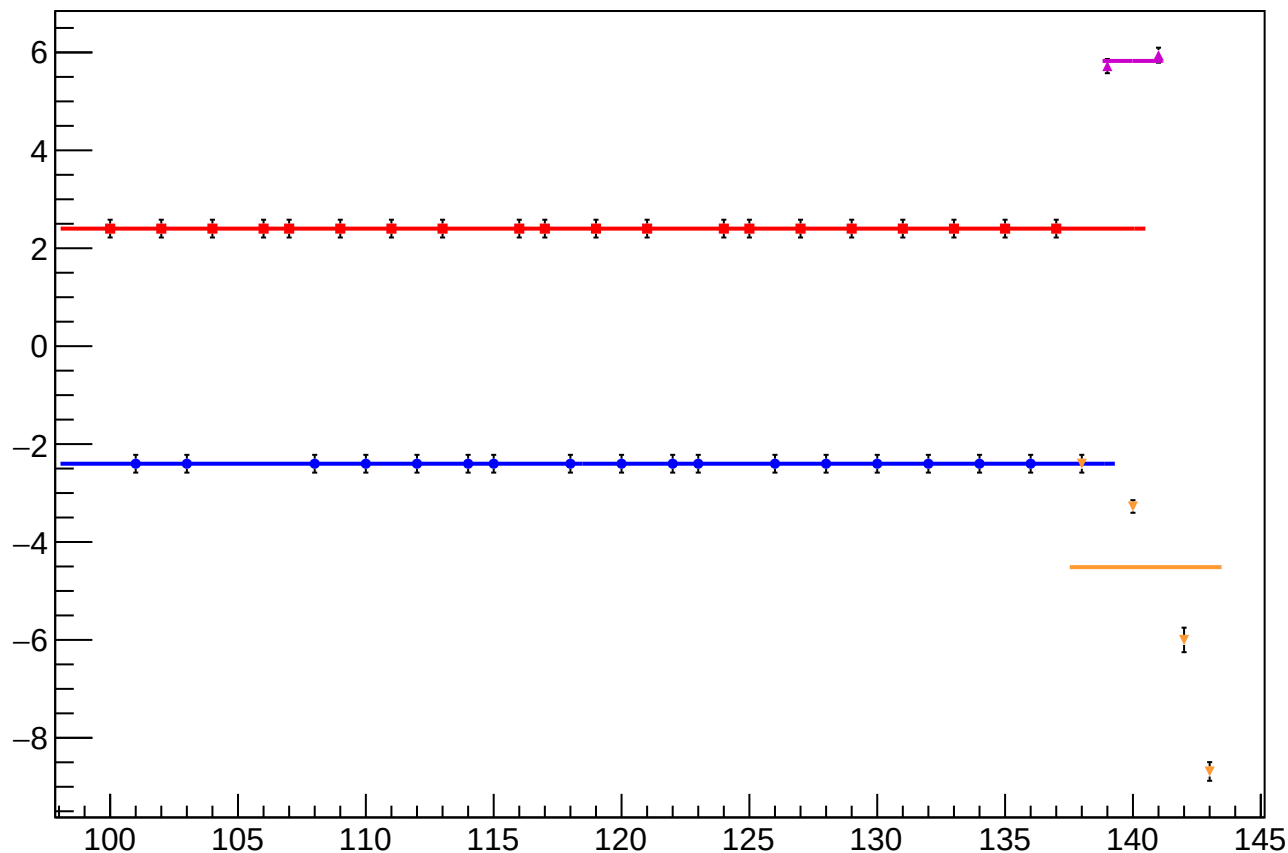
Left In: -2.551 $\pm$ 0.095 χ^2 /NDF:5409.9/1

3.486 $\pm$ 0.034 χ^2 /NDF: 4100.1/20

-0.356 $\pm$ 0.025 χ^2 /NDF: 35207.9/42

-4.345 $\pm$ 0.035 χ^2 /NDF: 5821.5/21

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.401 ± 0.044 χ^2/NDF : 0.0/16

Left Out: -4.513 ± 0.086 χ^2/NDF : 741.4/3

Right Out: 2.401 ± 0.041 χ^2/NDF : 0.0/19

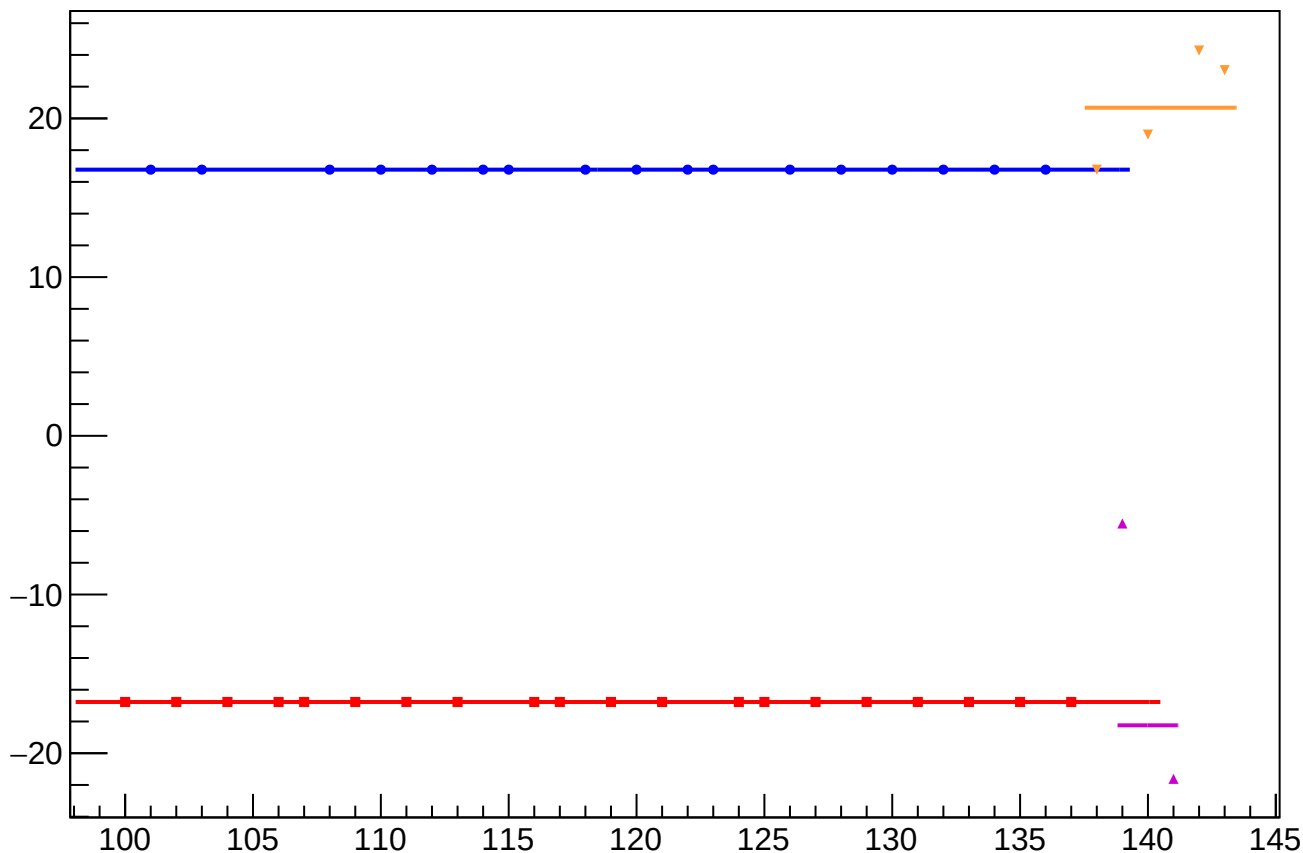
Left In: 5.826 ± 0.105 χ^2/NDF : 1.1/1

-2.837 ± 0.039 χ^2/NDF : 1215.3/20

0.103 ± 0.027 χ^2/NDF : 12972.1/42

2.843 ± 0.038 χ^2/NDF : 919.7/21

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.771 $\pm$ 0.047 χ^2 /NDF: 0.0/16

Left Out: 20.675 $\pm$ 0.076 χ^2 /NDF:1265.4/3

Right Out: -16.771 $\pm$ 0.043 χ^2 /NDF: 0.0/19

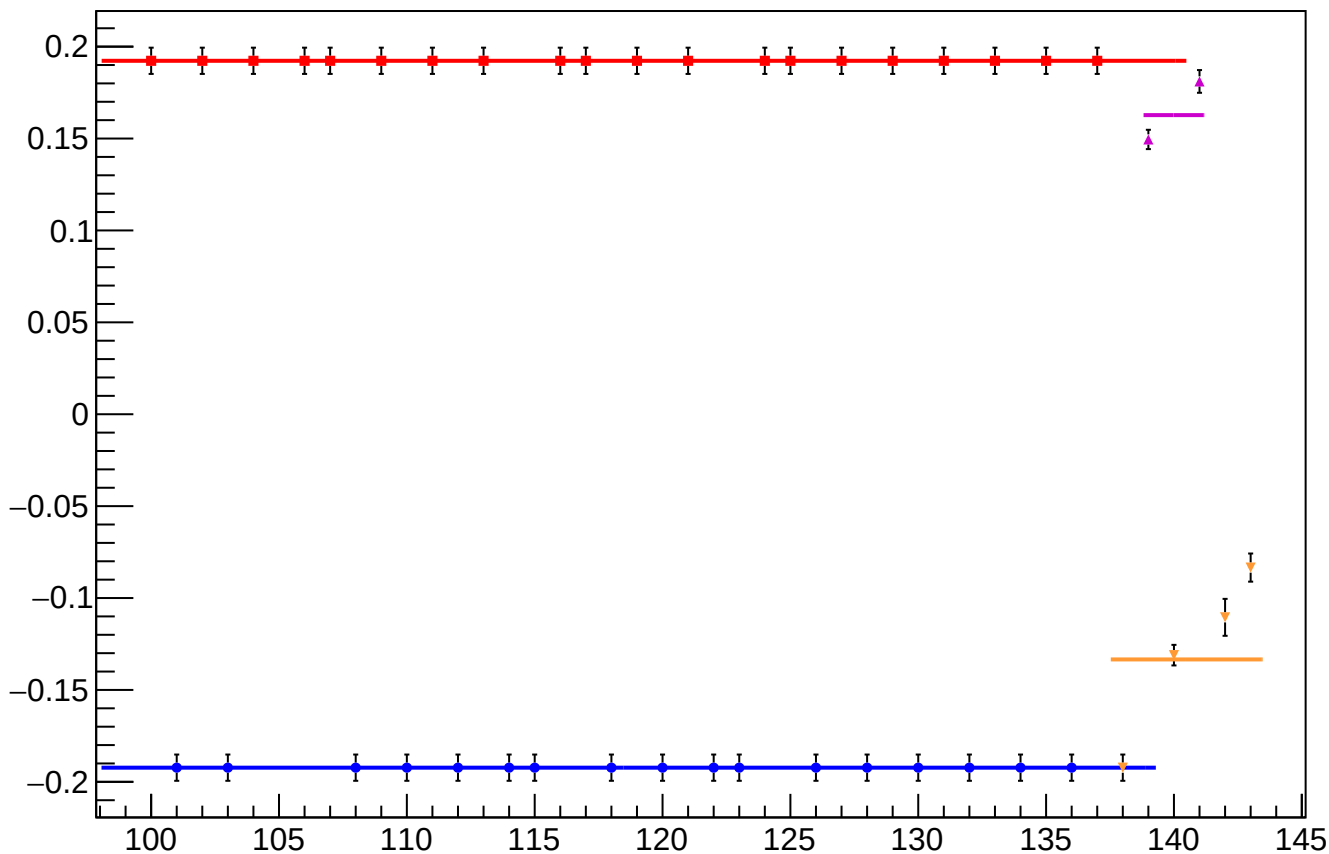
Left In: -18.243 $\pm$ 0.110 χ^2 /NDF:3539.3/1

17.842 $\pm$ 0.040 χ^2 /NDF: 3169.8/20

0.566 $\pm$ 0.028 χ^2 /NDF: 384510.6/42

-16.968 $\pm$ 0.040 χ^2 /NDF: 3694.3/21

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.192 $\pm$ 0.002 χ^2/NDF : 0.0/16

Left Out: -0.133 $\pm$ 0.004 χ^2/NDF : 116.0/3

Right Out: 0.192 $\pm$ 0.002 χ^2/NDF : 0.0/19

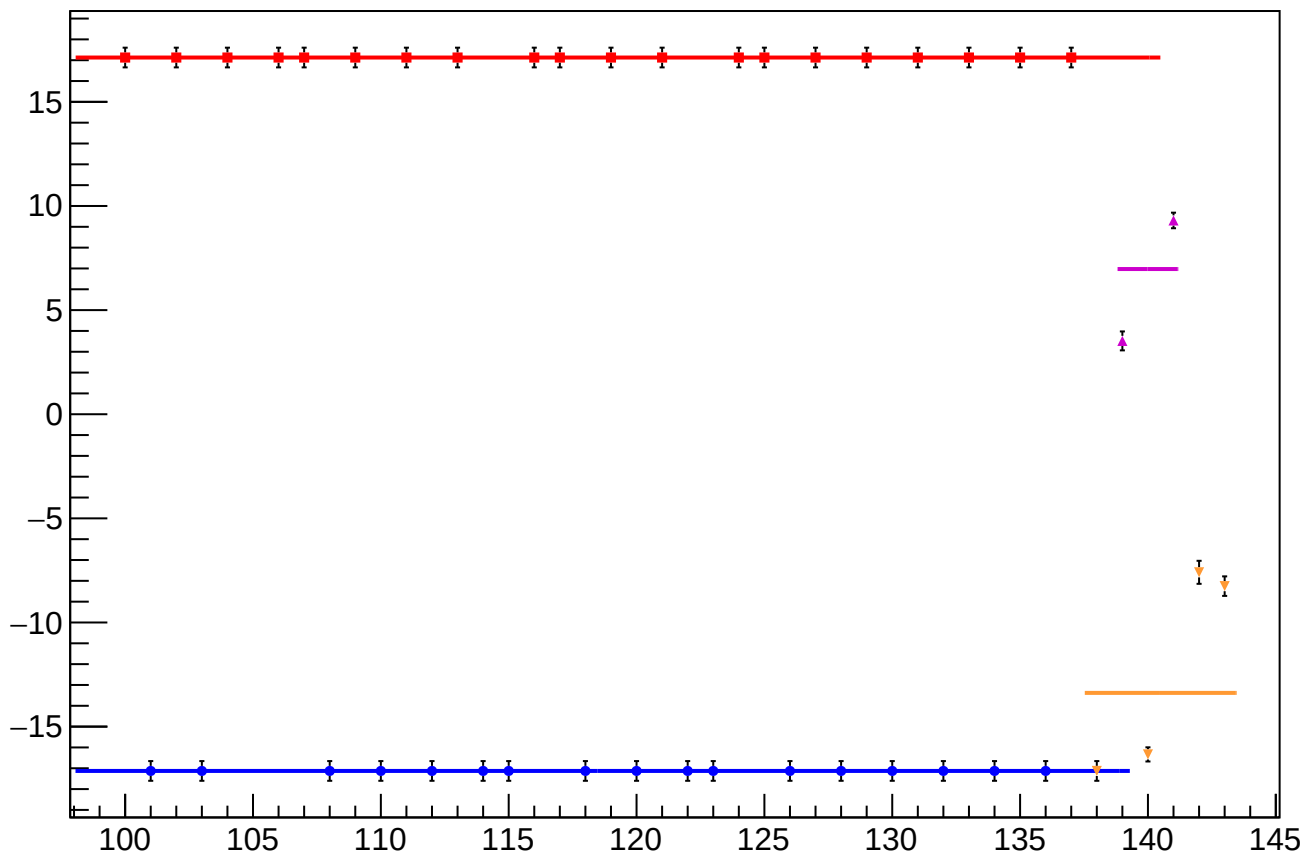
Left In: 0.163 $\pm$ 0.004 χ^2/NDF : 15.1/1

-0.181 $\pm$ 0.002 χ^2/NDF : 336.2/20

0.013 $\pm$ 0.001 χ^2/NDF : 29855.5/42

0.188 $\pm$ 0.001 χ^2/NDF : 62.1/21

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.128 ± 0.115 χ^2/NDF : 0.0/16

Left Out: -13.381 ± 0.219 χ^2/NDF : 367.3/3

Right Out: 17.128 ± 0.106 χ^2/NDF : 0.0/19

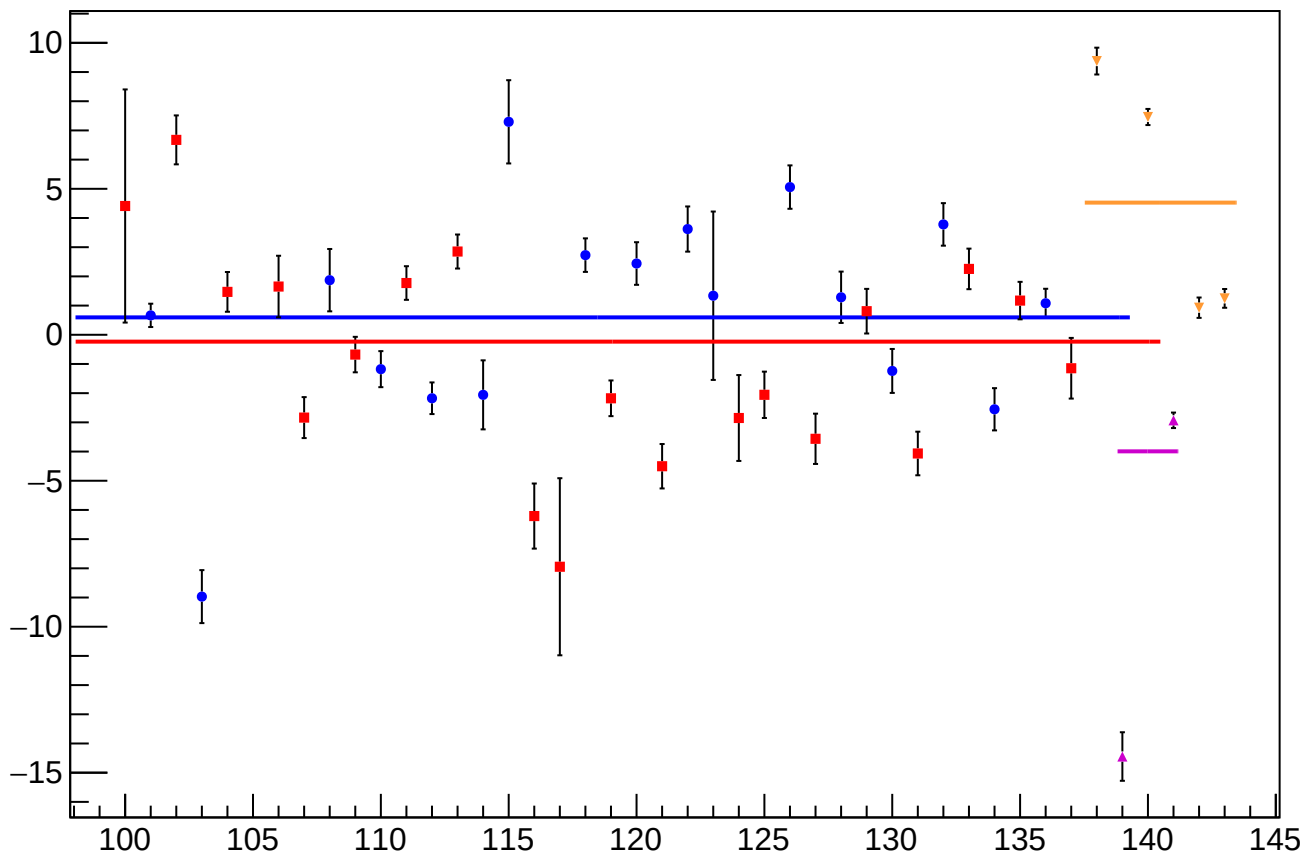
Left In: 6.972 ± 0.289 χ^2/NDF : 96.5/1

-16.318 ± 0.102 χ^2/NDF : 597.7/20

0.166 ± 0.071 χ^2/NDF : 53212.0/42

15.925 ± 0.099 χ^2/NDF : 1186.5/21

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

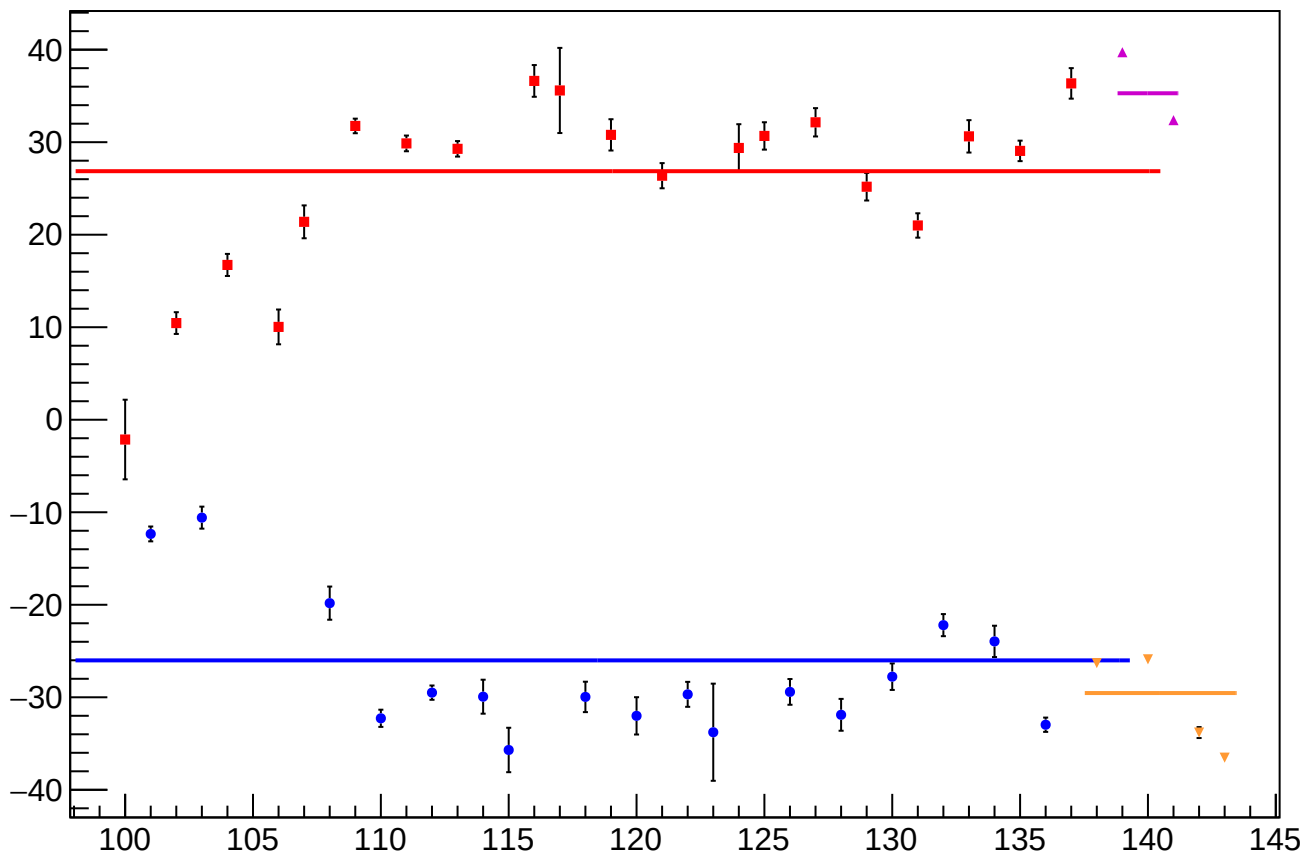
Left In: -3.993 ± 0.253 χ^2/NDF : 174.1/1

2.582 ± 0.119 χ^2/NDF : 999.5/20

0.942 ± 0.092 χ^2/NDF : 2071.0/42

-1.447 ± 0.144 χ^2/NDF : 604.0/21

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

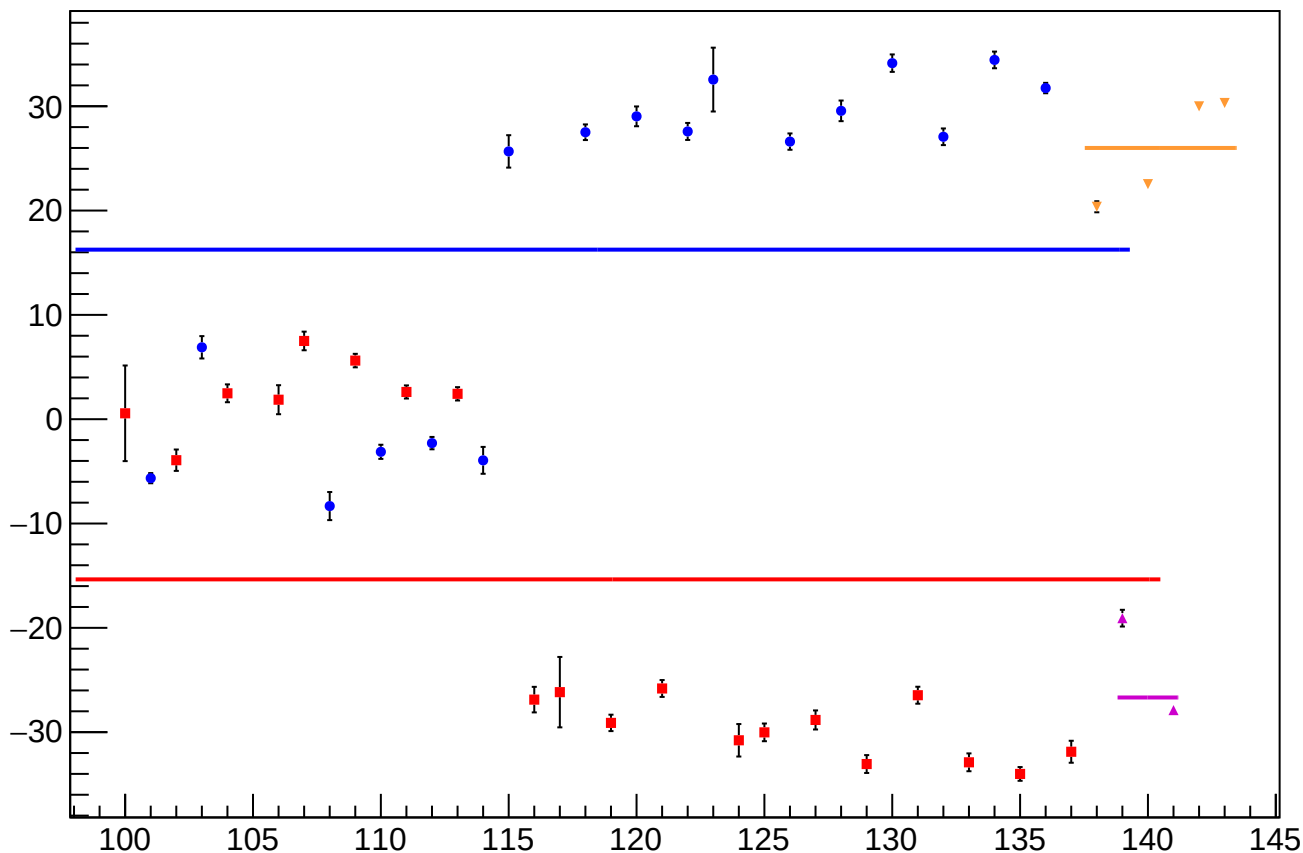
Left In: 35.288±/0.309 χ^2/NDF : 135.0/1

-28.205±/0.184 χ^2/NDF : 1167.1/20

-3.035±/0.140 χ^2/NDF : 46038.7/42

30.907±/0.214 χ^2/NDF : 1106.4/21

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.253+/-0.191 χ^2/NDF : 7611.3/16

Left Out: 26.001+/-0.201 χ^2/NDF : 434.1/3

Right Out: -15.355+/-0.197 χ^2/NDF : 7290.4/19

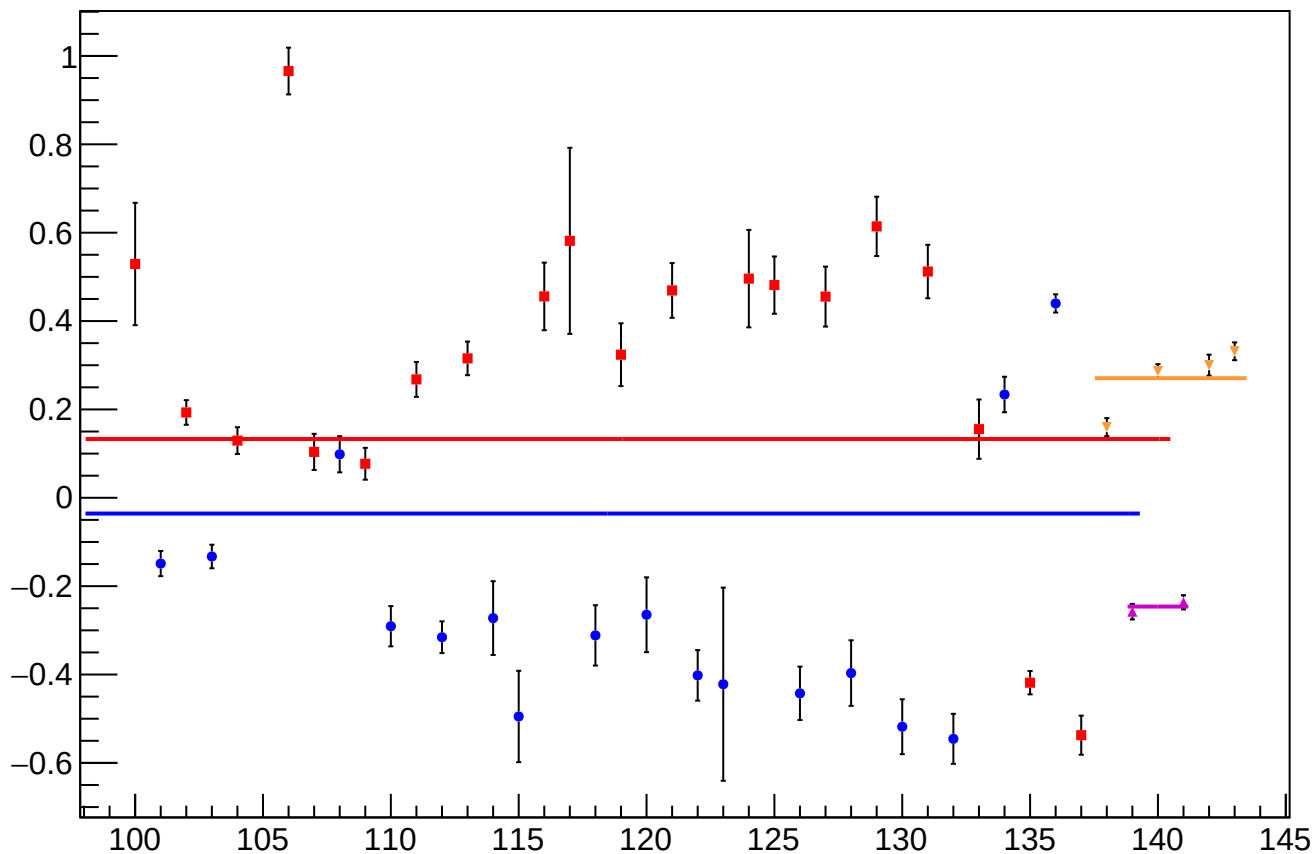
Left In: -26.677+/-0.297 χ^2/NDF : 104.3/1

20.884+/-0.138 χ^2/NDF : 9282.6/20

4.371+/-0.106 χ^2/NDF : 51906.3/42

-18.806+/-0.164 χ^2/NDF : 8405.1/21

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.036 ± 0.010 $\chi^2/\text{NDF}: 1014.5/16$

Left Out: 0.271 ± 0.010 $\chi^2/\text{NDF}: 41.4/3$

Right Out: 0.133 ± 0.010 $\chi^2/\text{NDF}: 1175.8/19$

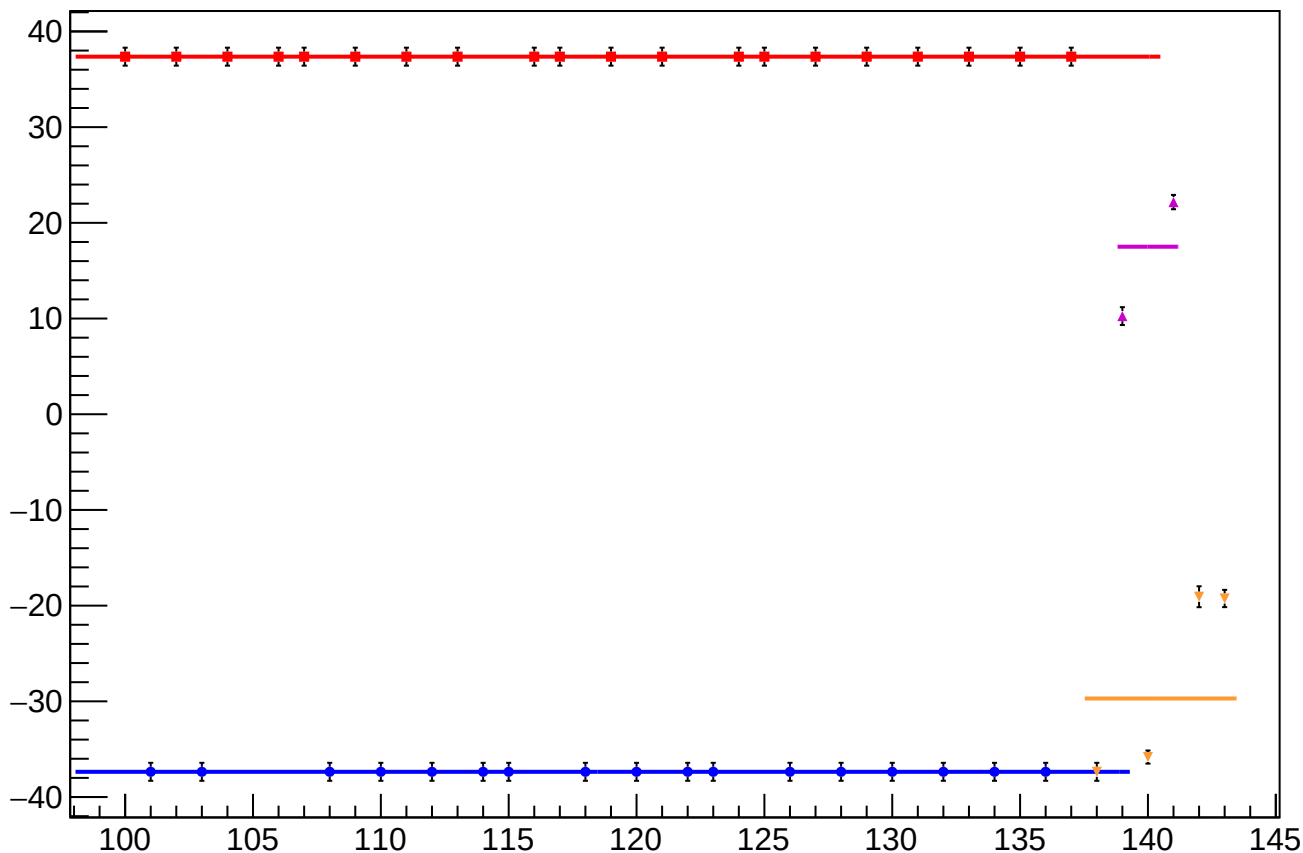
Left In: -0.246 ± 0.012 $\chi^2/\text{NDF}: 0.8/1$

0.127 ± 0.007 $\chi^2/\text{NDF}: 1525.6/20$

0.056 ± 0.005 $\chi^2/\text{NDF}: 3511.4/42$

-0.031 ± 0.008 $\chi^2/\text{NDF}: 1758.2/21$

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.364±/0.228 χ^2/NDF : 0.0/16

Left Out: -29.701±/0.433 χ^2/NDF : 375.2/3

Right Out: 37.364±/0.210 χ^2/NDF : 0.0/19

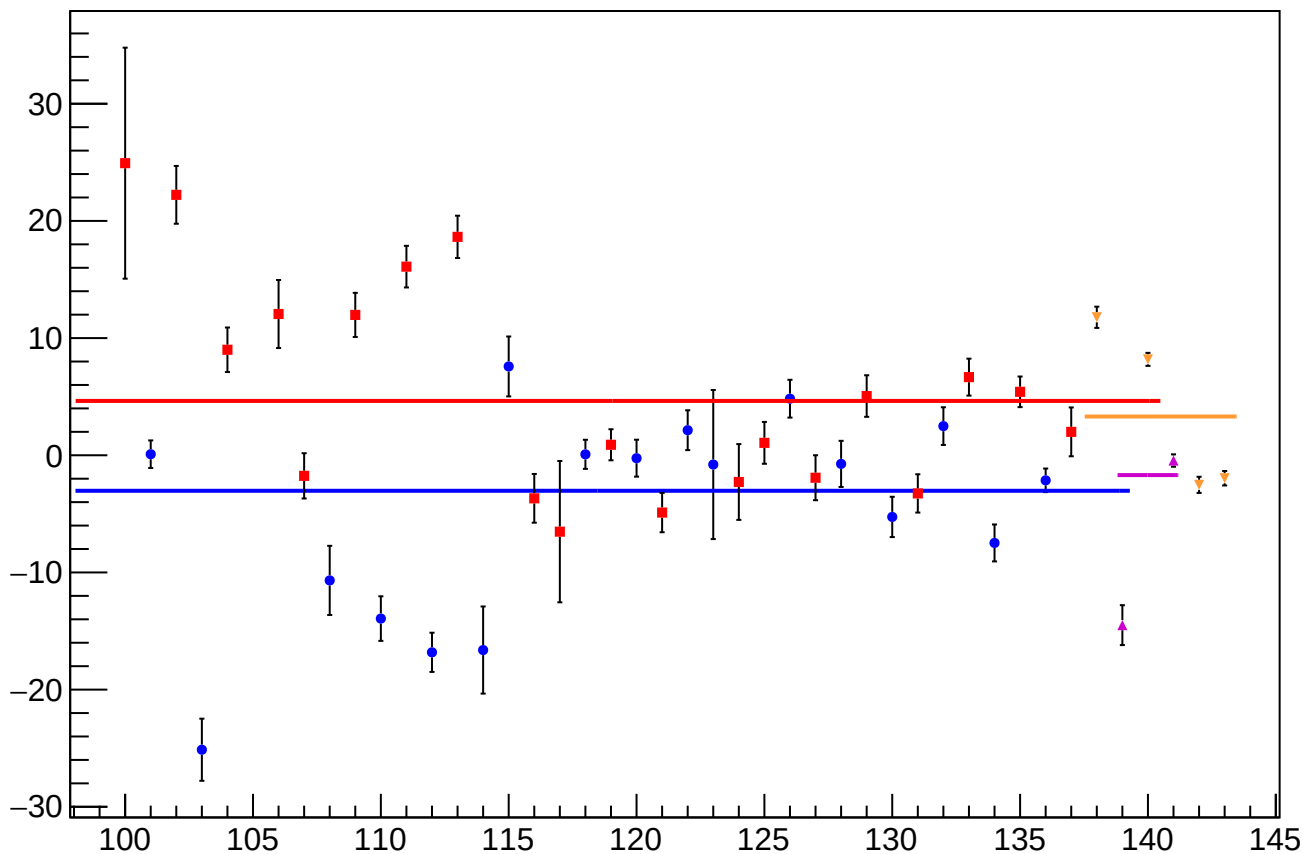
Left In: 17.506±/0.584 χ^2/NDF : 99.2/1

-35.704±/0.202 χ^2/NDF : 620.4/20

0.400±/0.141 χ^2/NDF : 64626.8/42

35.089±/0.198 χ^2/NDF : 1123.9/21

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.030 ± 0.408 $\chi^2/\text{NDF}: 280.8/16$

Left Out: 3.308 ± 0.330 $\chi^2/\text{NDF}: 308.9/3$

Right Out: 4.638 ± 0.426 $\chi^2/\text{NDF}: 301.7/19$

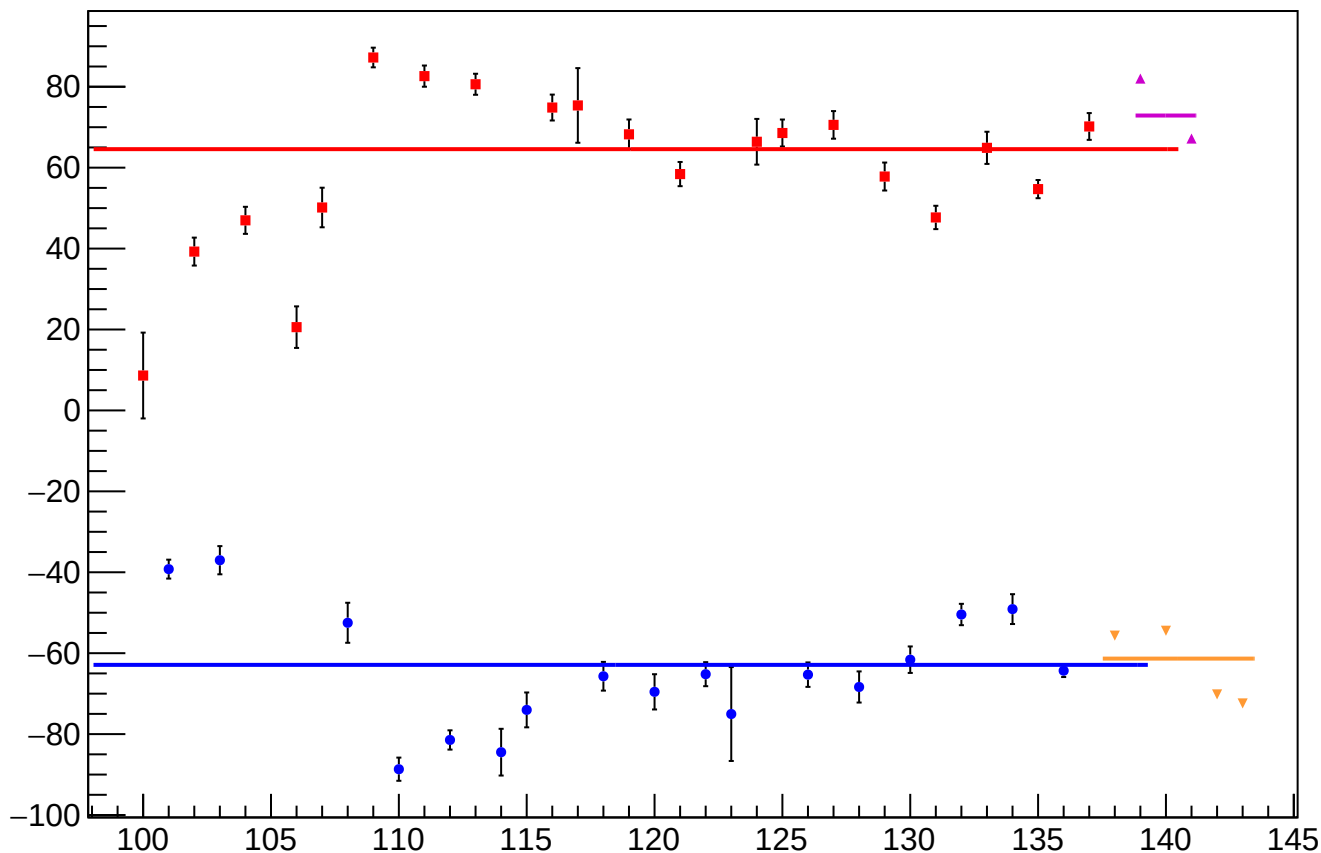
Left In: -1.691 ± 0.506 $\chi^2/\text{NDF}: 62.0/1$

0.800 ± 0.256 $\chi^2/\text{NDF}: 735.9/20$

1.265 ± 0.201 $\chi^2/\text{NDF}: 1199.9/42$

2.017 ± 0.326 $\chi^2/\text{NDF}: 455.4/21$

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

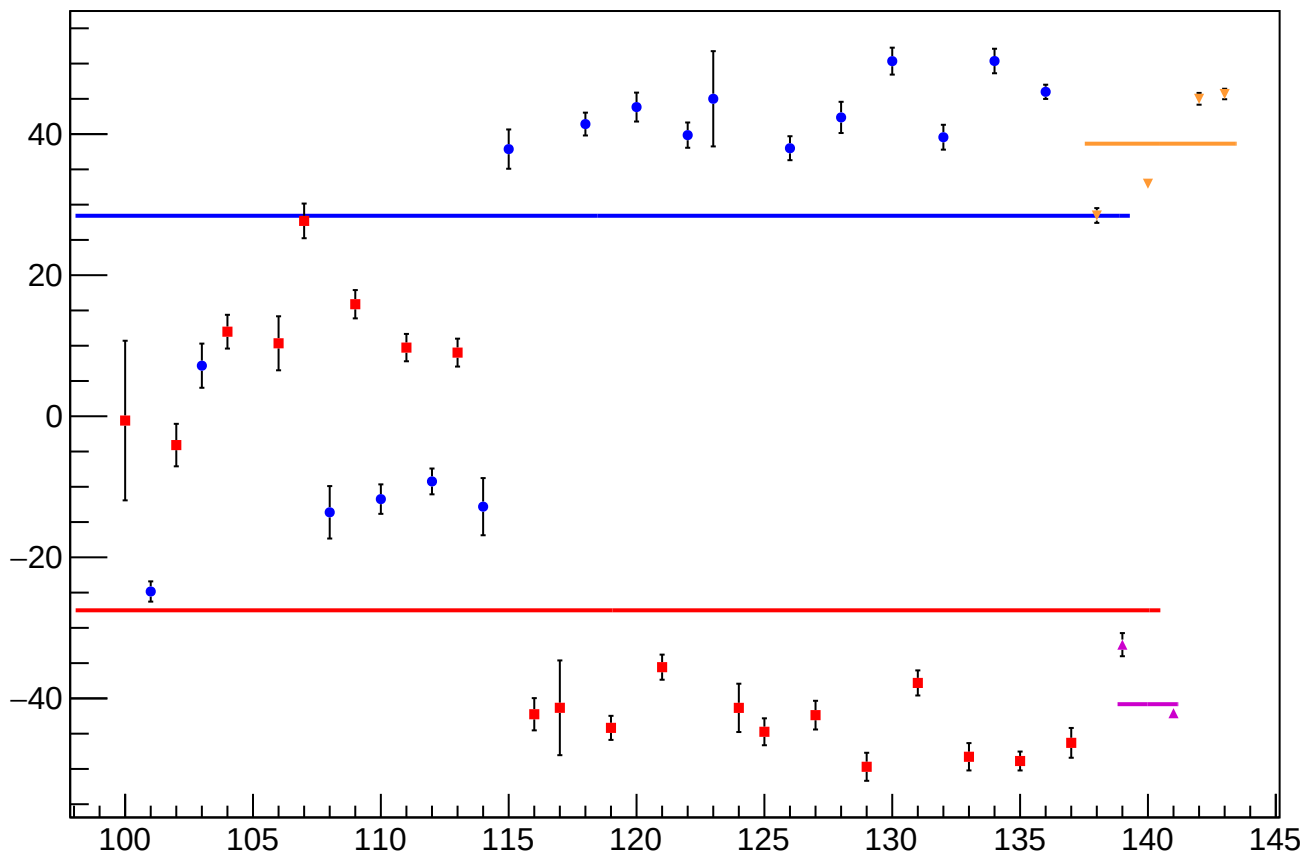
Left In: 72.885±0.625 χ^2/NDF :133.1/1

-61.776±0.392 χ^2/NDF : 681.8/20

-9.145±0.304 χ^2/NDF : 46180.6/42

69.474±0.480 χ^2/NDF : 651.3/21

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.425 ± 0.457 $\chi^2/\text{NDF}: 3330.3/16$

Left Out: 38.644 ± 0.396 $\chi^2/\text{NDF}: 313.5/3$

Right Out: -27.512 ± 0.477 $\chi^2/\text{NDF}: 3037.3/19$

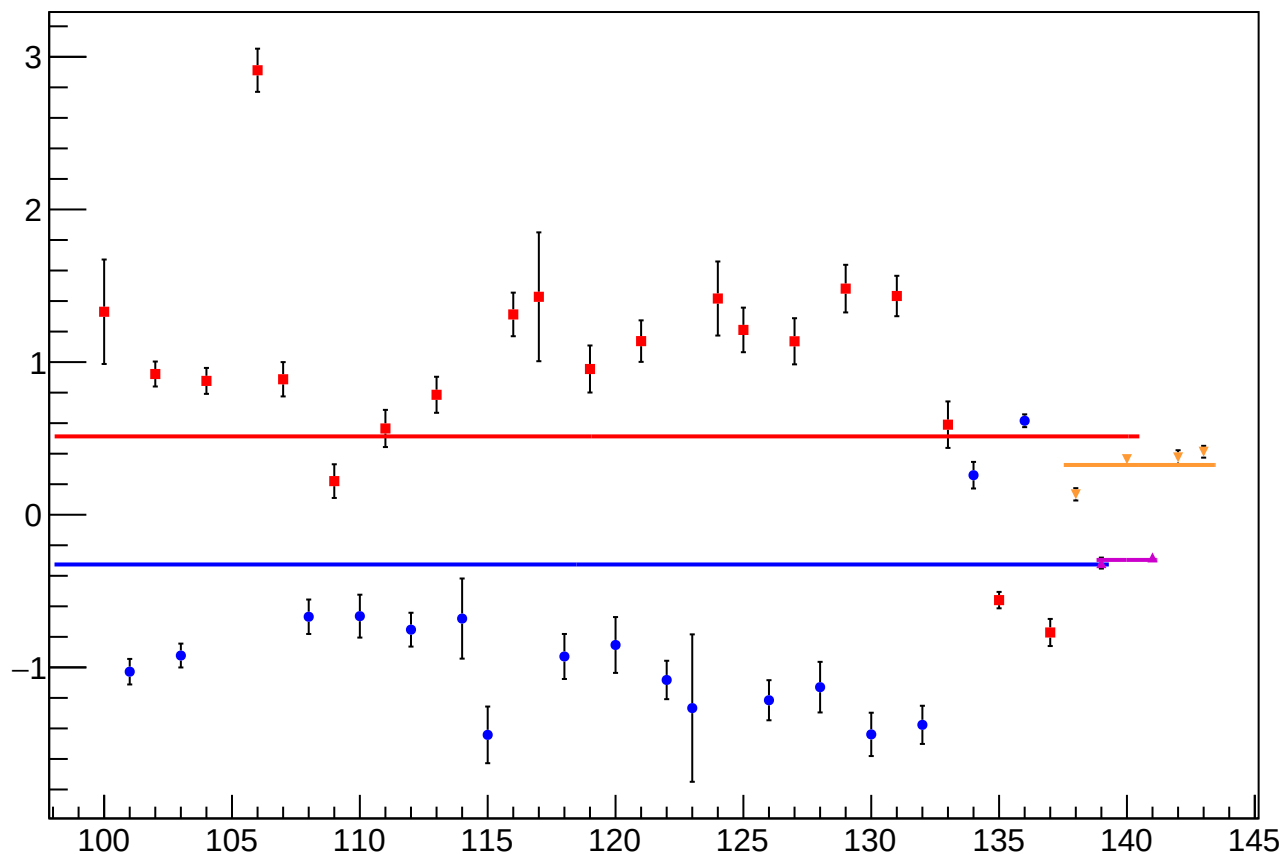
Left In: -40.819 ± 0.596 $\chi^2/\text{NDF}: 30.5/1$

34.259 ± 0.299 $\chi^2/\text{NDF}: 3929.1/20$

7.981 ± 0.233 $\chi^2/\text{NDF}: 26933.8/42$

-32.715 ± 0.373 $\chi^2/\text{NDF}: 3371.5/21$

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.326 ± 0.019 χ^2/NDF : 30.2/3

Right Out: 0.513 ± 0.026 χ^2/NDF : 1174.1/19

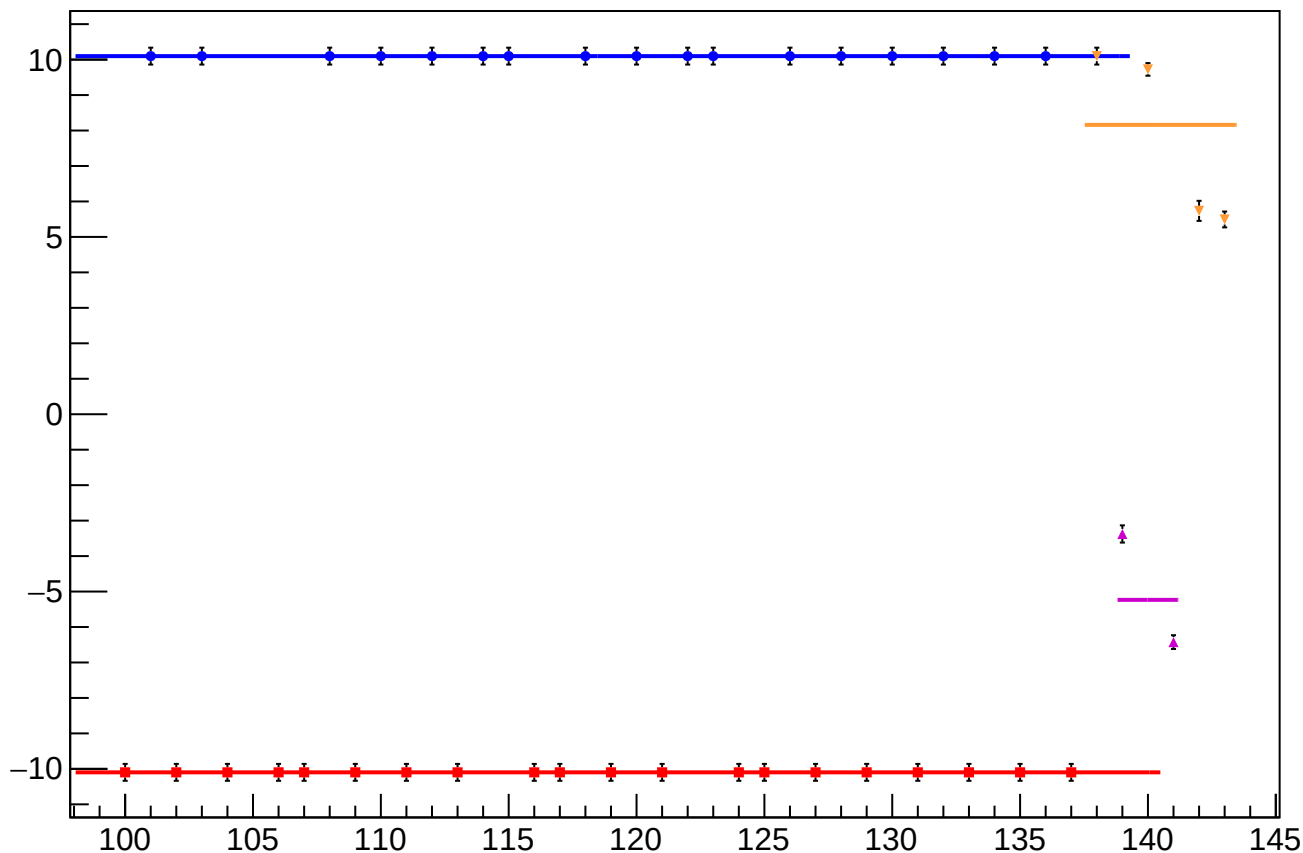
Left In: -0.296 ± 0.024 χ^2/NDF : 0.6/1

0.084 ± 0.015 χ^2/NDF : 1473.9/20

0.082 ± 0.011 χ^2/NDF : 3180.4/42

0.081 ± 0.018 χ^2/NDF : 1706.5/21

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.098+/-0.058 χ^2/NDF : 0.0/16

Left Out: 8.159+/-0.111 χ^2/NDF : 358.8/3

Right Out: -10.098+/-0.053 χ^2/NDF : 0.0/19

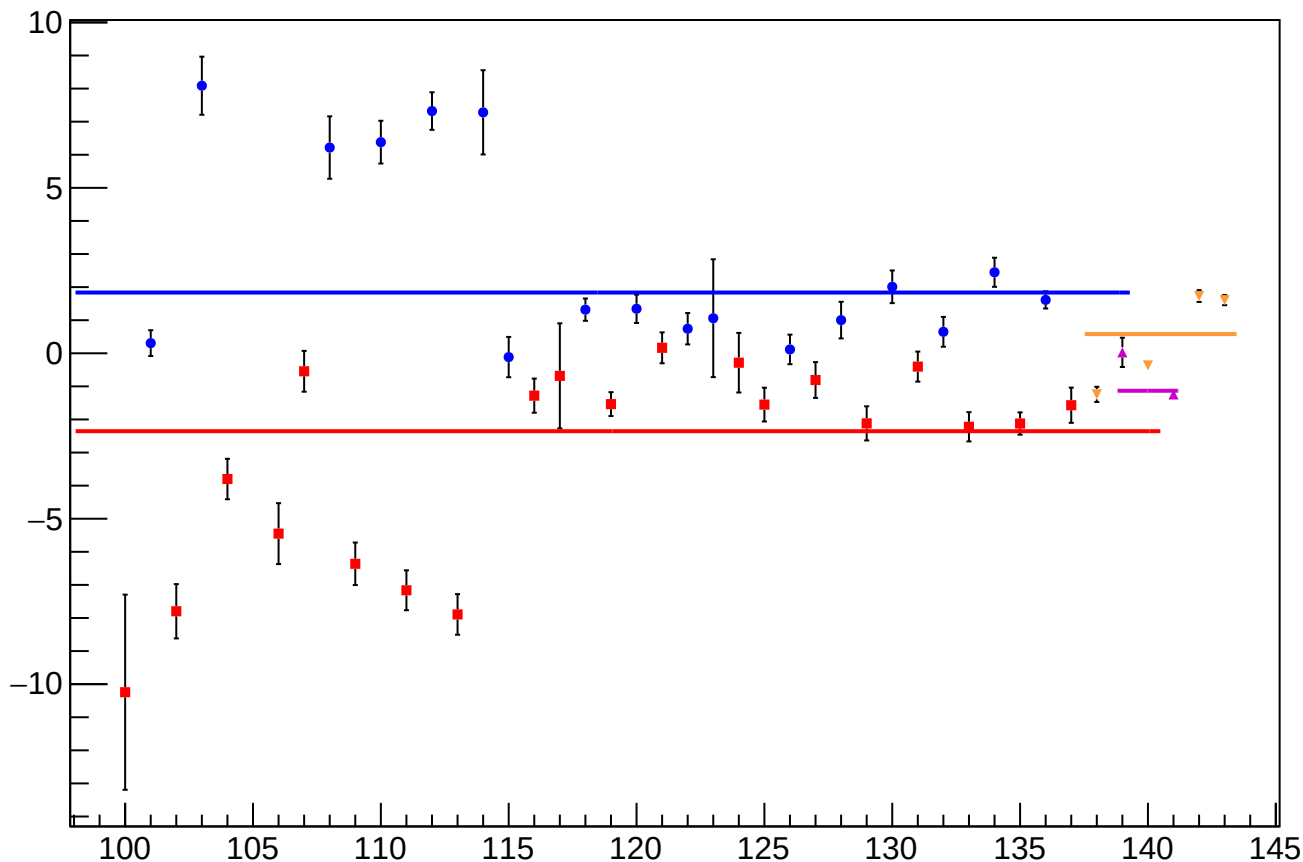
Left In: -5.234+/-0.152 χ^2/NDF : 96.1/1

9.683+/-0.051 χ^2/NDF : 600.0/20

-0.122+/-0.036 χ^2/NDF : 73503.4/42

-9.564+/-0.050 χ^2/NDF : 1010.3/21

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

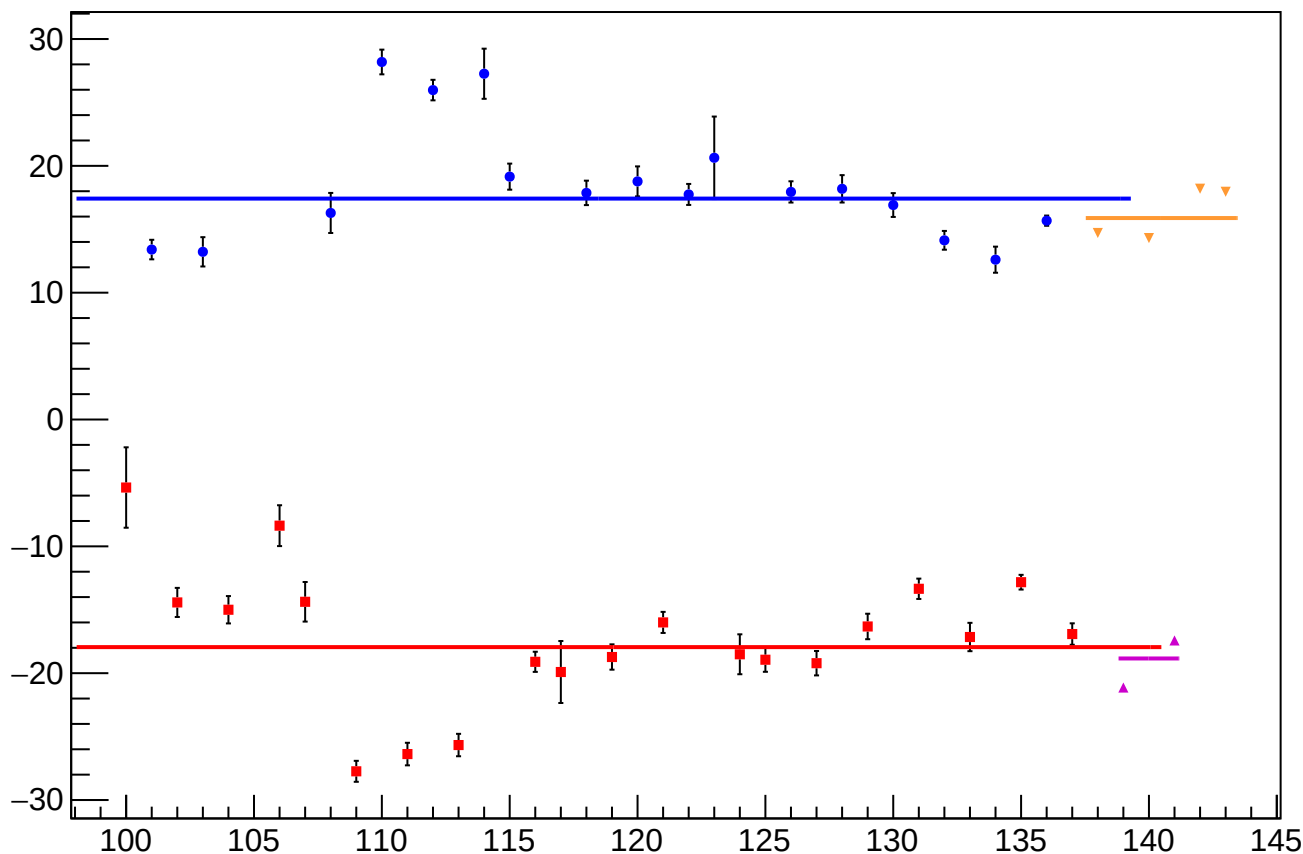
Left In: -1.132 ± 0.131 χ^2/NDF : 7.6/1

1.013 ± 0.068 χ^2/NDF : 564.2/20

-0.014 ± 0.054 χ^2/NDF : 1575.3/42

-1.788 ± 0.090 χ^2/NDF : 391.4/21

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

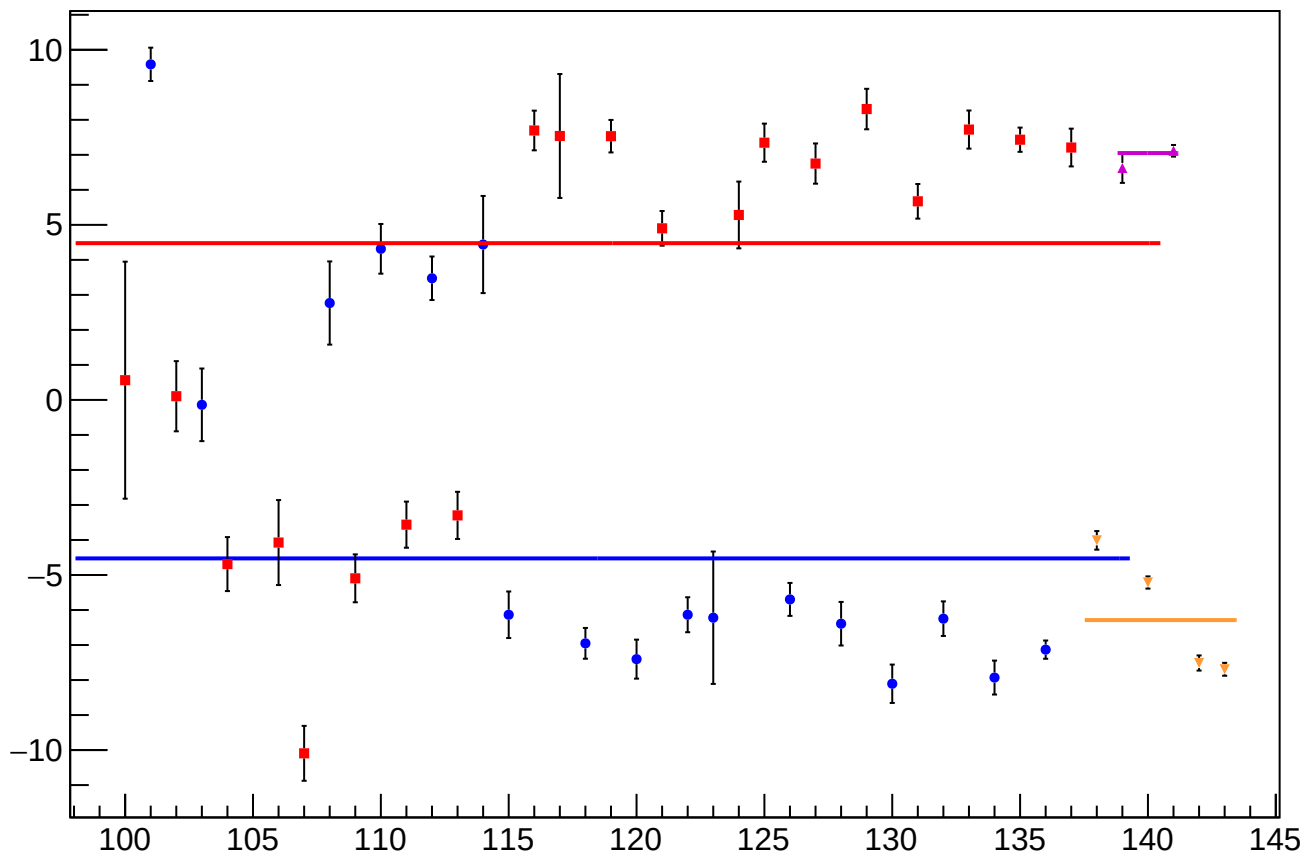
Left In: -18.840 $\pm$ 0.162 χ^2 /NDF:123.4/1

16.250 $\pm$ 0.103 χ^2 /NDF: 630.5/20

2.814 $\pm$ 0.081 χ^2 /NDF: 44990.8/42

-18.521 $\pm$ 0.130 χ^2 /NDF: 641.2/21

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

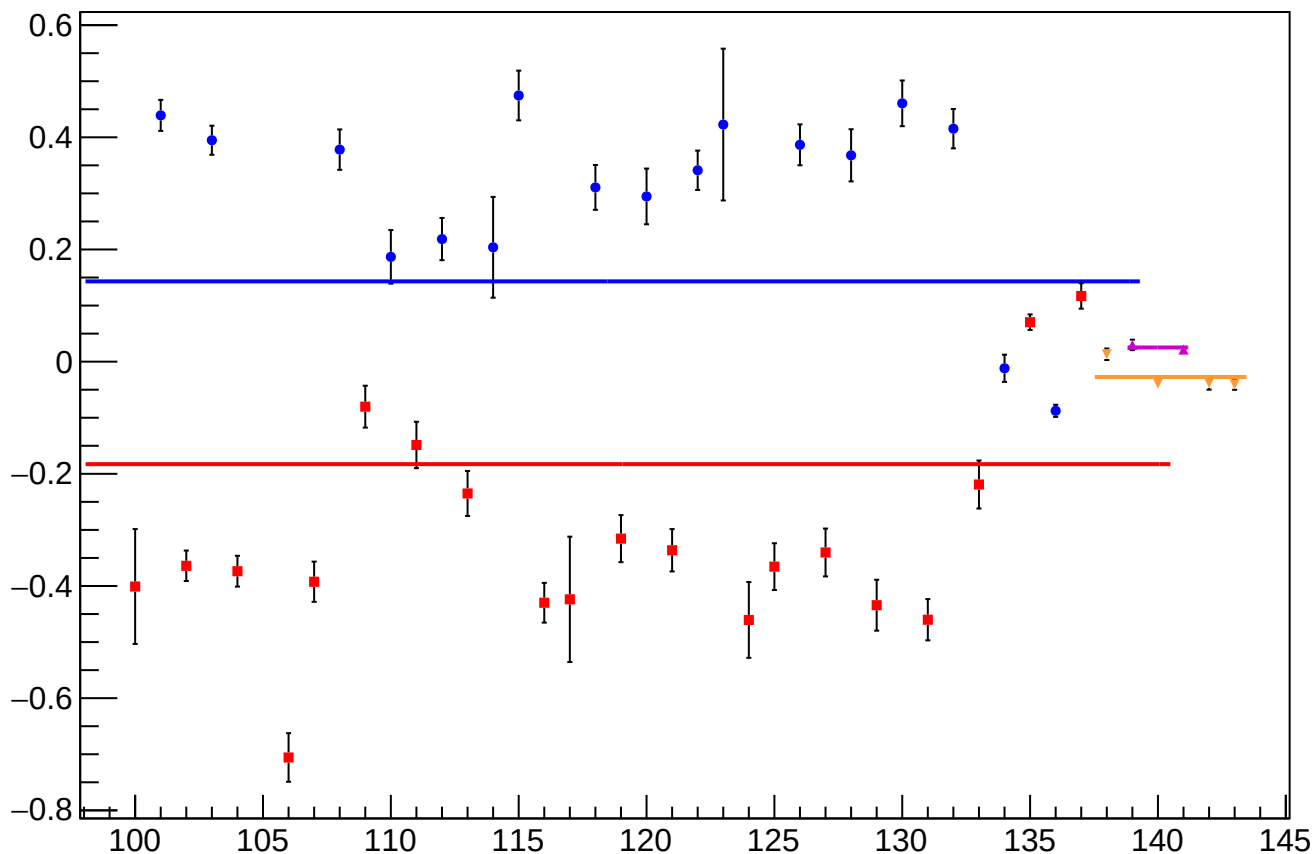
Left In: 7.051 ± 0.155 χ^2/NDF : 1.1/1

-5.621 ± 0.080 χ^2/NDF : 1906.6/20

-1.387 ± 0.063 χ^2/NDF : 10886.1/42

5.603 ± 0.102 χ^2/NDF : 1498.5/21

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1060.4/16

Left Out: -0.027 $\pm$ 0.005 χ^2 /NDF: 20.2/3

Right Out: -0.183 $\pm$ 0.007 χ^2 /NDF: 1012.5/19

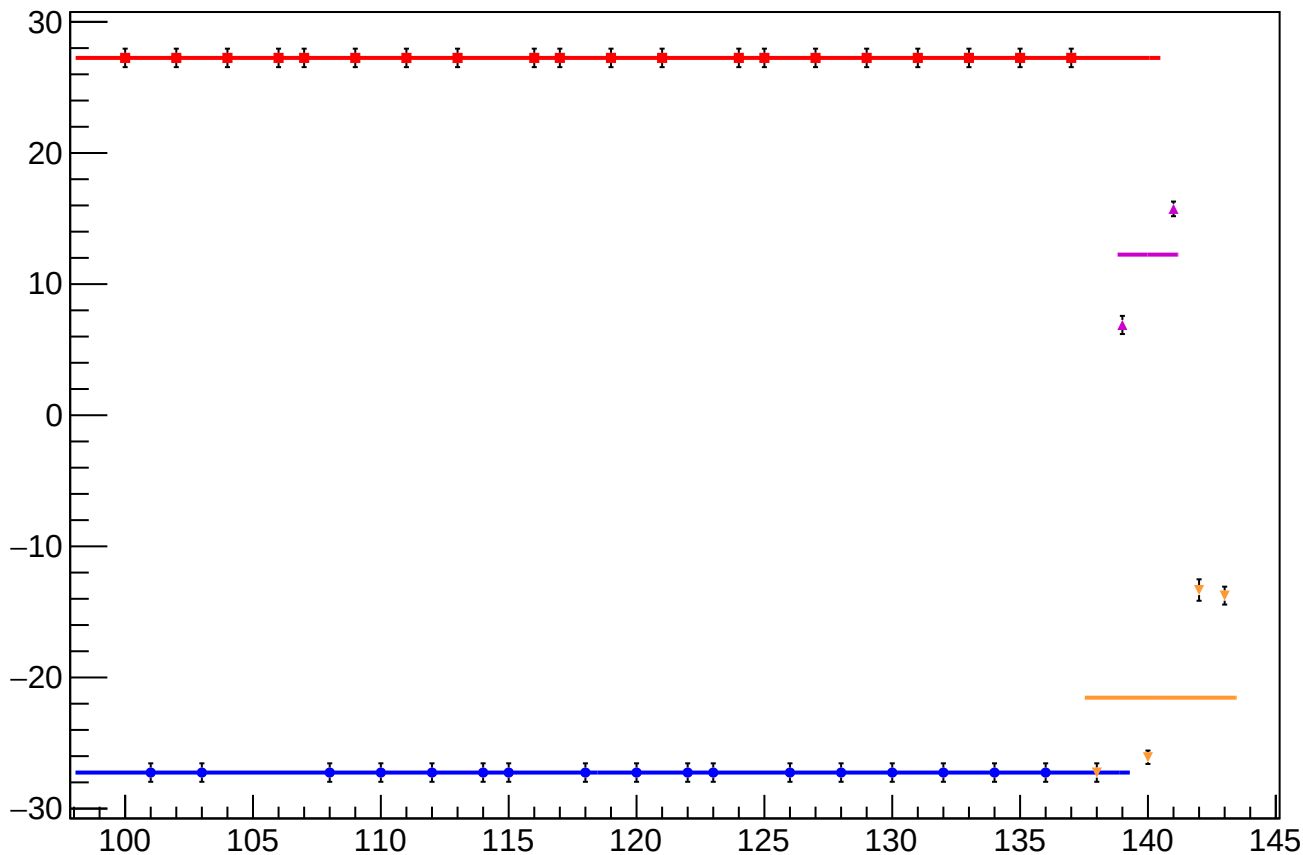
Left In: 0.025 $\pm$ 0.006 χ^2 /NDF: 0.4/1

0.028 $\pm$ 0.004 χ^2 /NDF: 1474.8/20

-0.009 $\pm$ 0.003 χ^2 /NDF: 3158.7/42

-0.061 $\pm$ 0.005 χ^2 /NDF: 1477.7/21

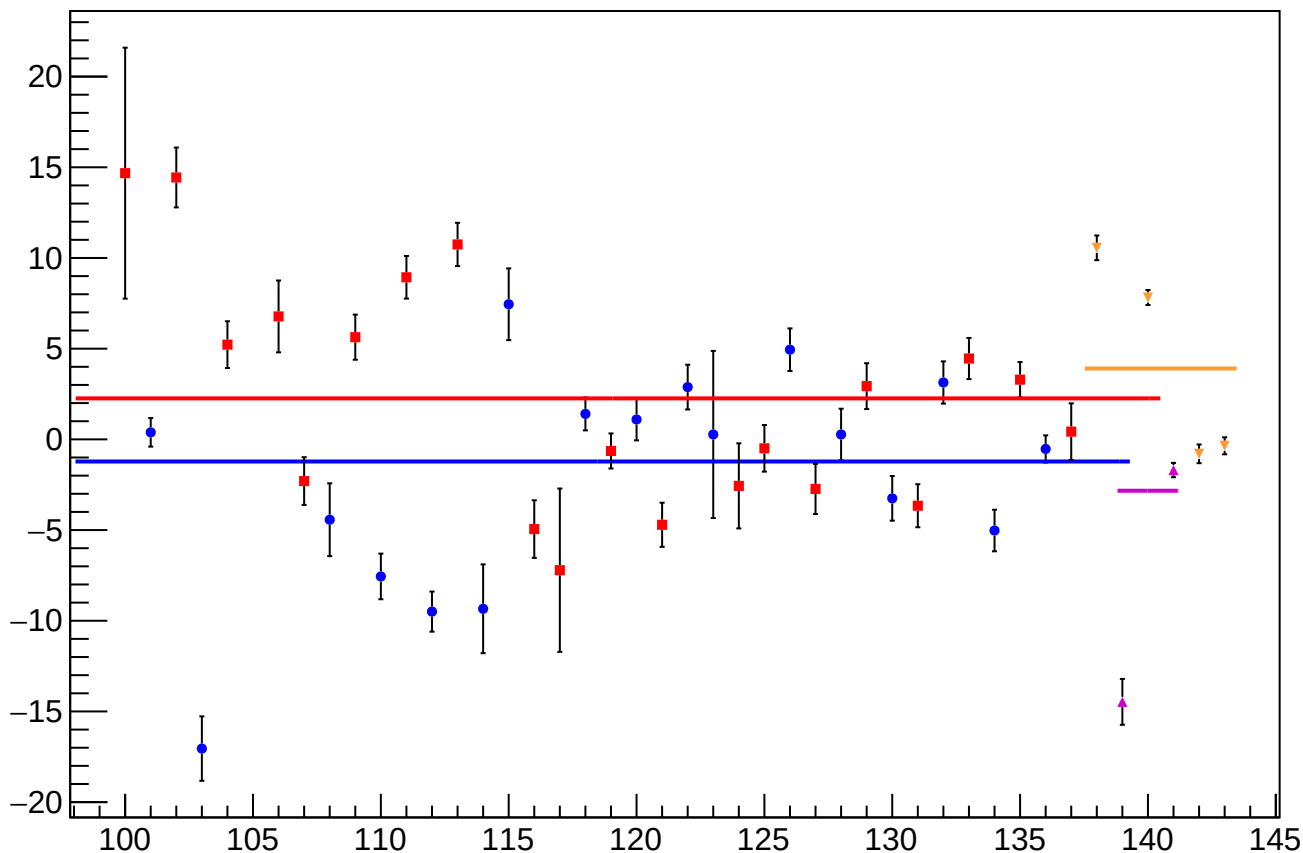
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.252 ± 0.171 χ^2/NDF : 0.0/16
 Left Out: -21.541 ± 0.325 χ^2/NDF : 375.3/3
 Right Out: 27.252 ± 0.158 χ^2/NDF : 0.0/19
 Left In: 12.249 ± 0.435 χ^2/NDF : 99.0/1

-26.013 ± 0.151 χ^2/NDF : 617.5/20
 0.282 ± 0.106 χ^2/NDF : 61019.0/42
 25.511 ± 0.148 χ^2/NDF : 1151.3/21

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 $\chi^2/\text{NDF}: 290.7/19$

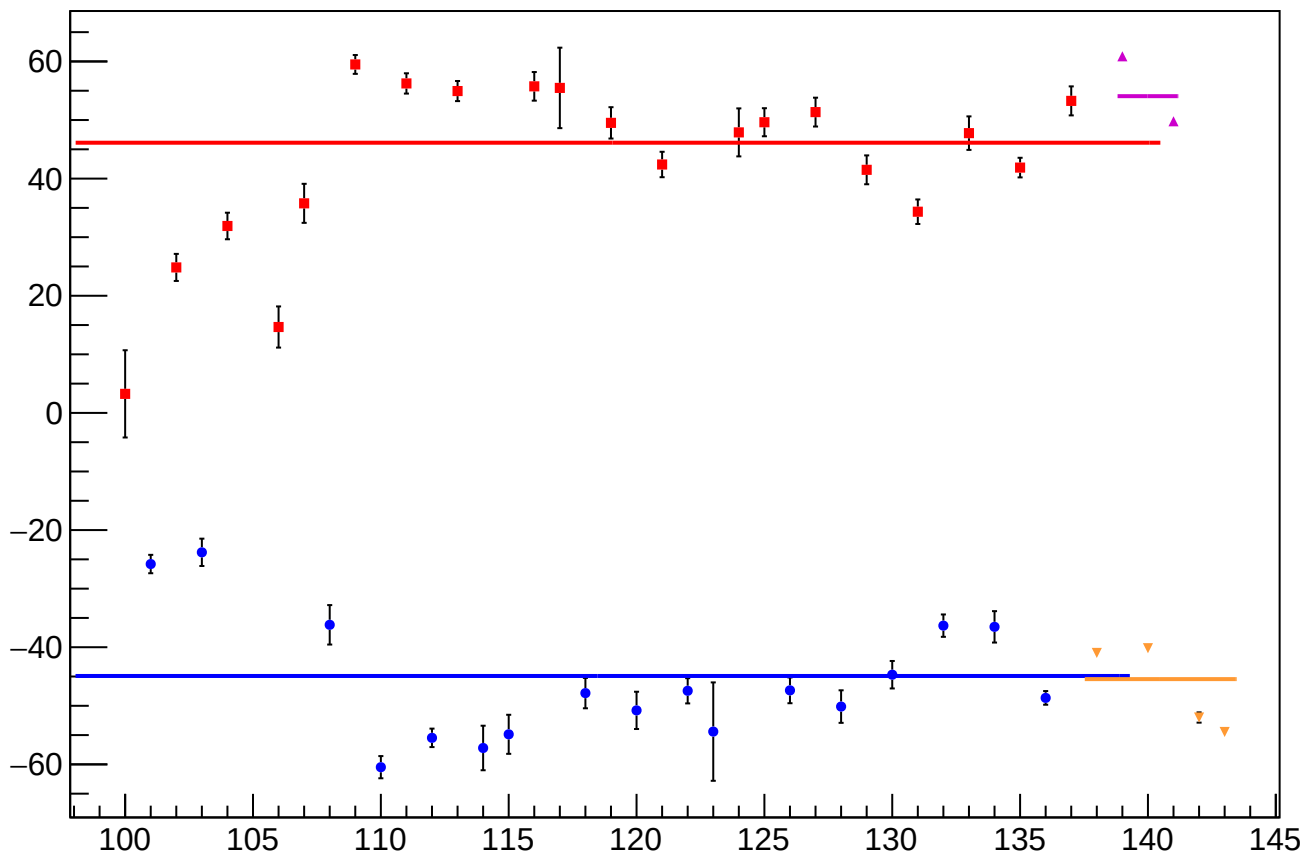
Left In: -2.832 ± 0.378 $\chi^2/\text{NDF}: 93.0/1$

1.745 ± 0.188 $\chi^2/\text{NDF}: 810.3/20$

1.173 ± 0.147 $\chi^2/\text{NDF}: 1328.5/42$

0.277 ± 0.236 $\chi^2/\text{NDF}: 494.5/21$

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

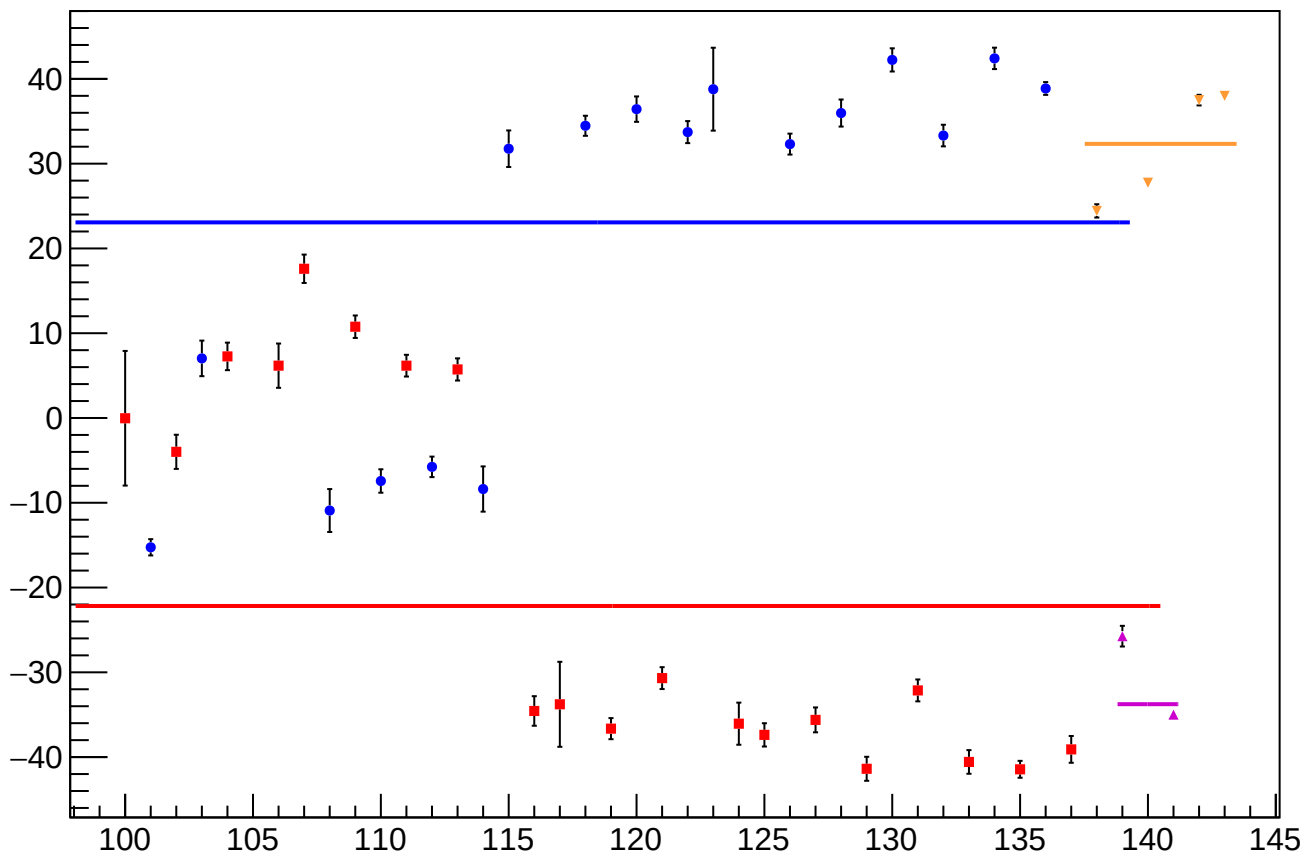
Left In: 54.073 ± 0.465 χ^2/NDF : 134.7/1

-45.280 ± 0.289 χ^2/NDF : 759.5/20

-6.193 ± 0.223 χ^2/NDF : 46240.5/42

50.589 ± 0.349 χ^2/NDF : 718.4/21

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

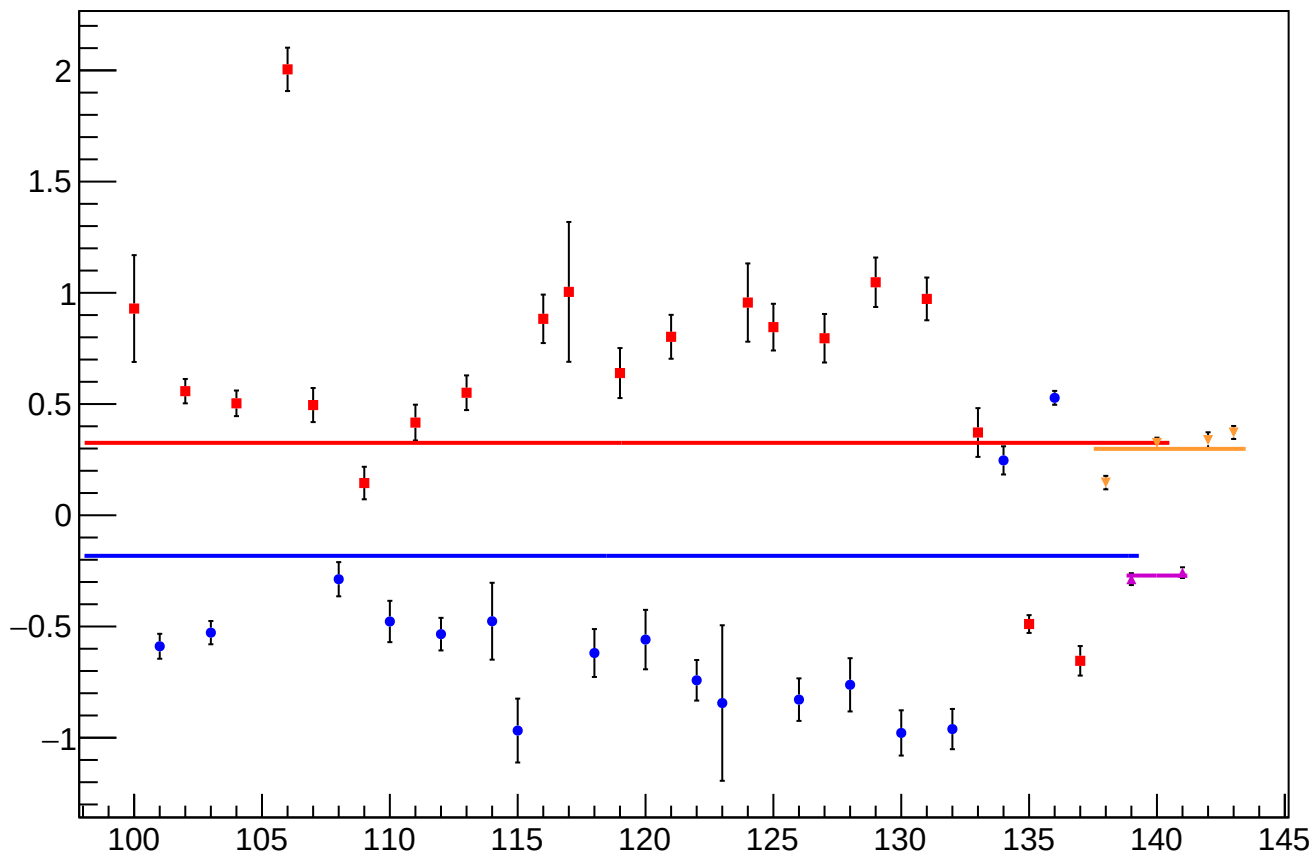
Left In: -33.759+/-0.445 χ^2/NDF : 50.0/1

28.128+/-0.220 χ^2/NDF : 5140.2/20

6.355+/-0.170 χ^2/NDF : 34270.1/42

-26.436+/-0.270 χ^2/NDF : 4518.9/21

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

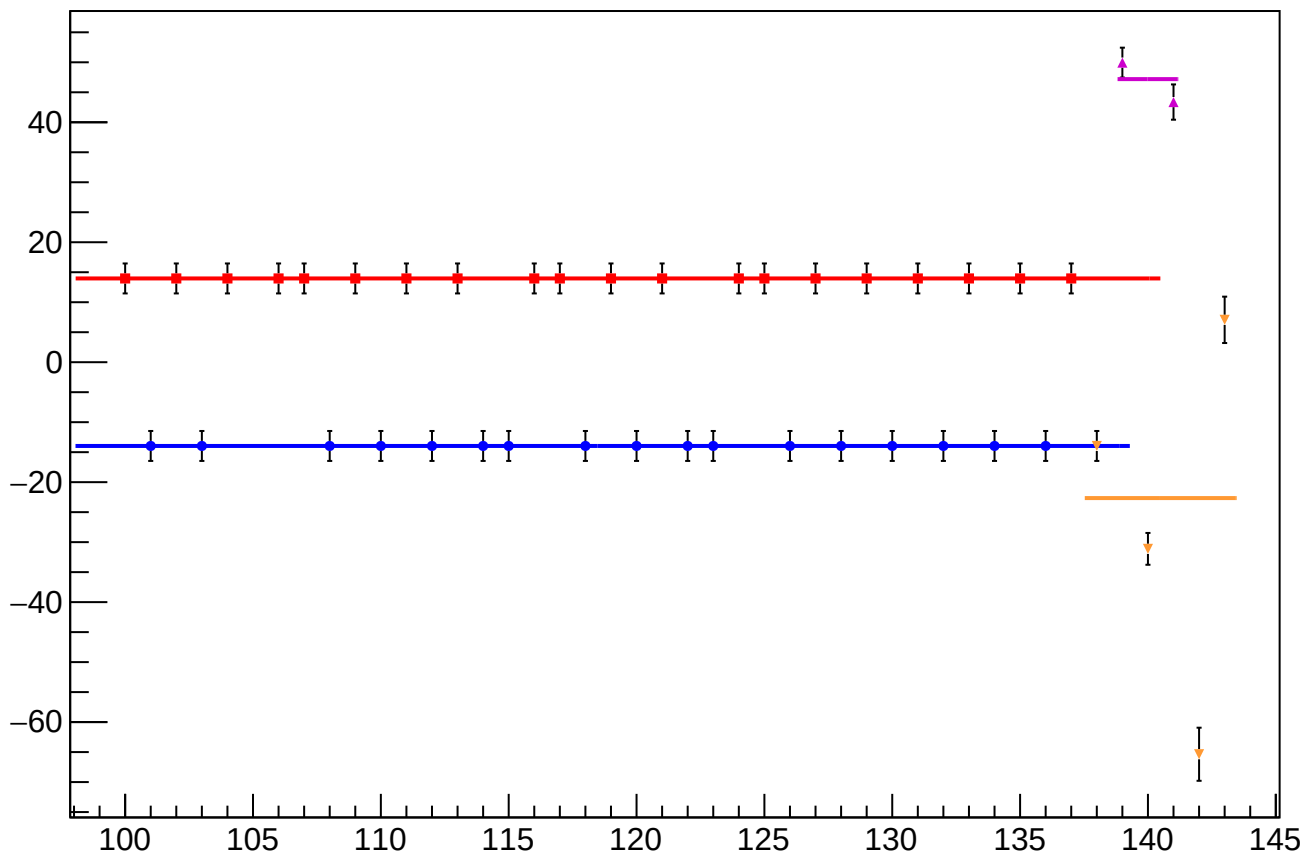
Left In: -0.271 ± 0.018 χ^2/NDF : 0.7/1

0.108 ± 0.011 χ^2/NDF : 1476.1/20

0.071 ± 0.008 χ^2/NDF : 3241.5/42

0.022 ± 0.013 χ^2/NDF : 1739.9/21

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected

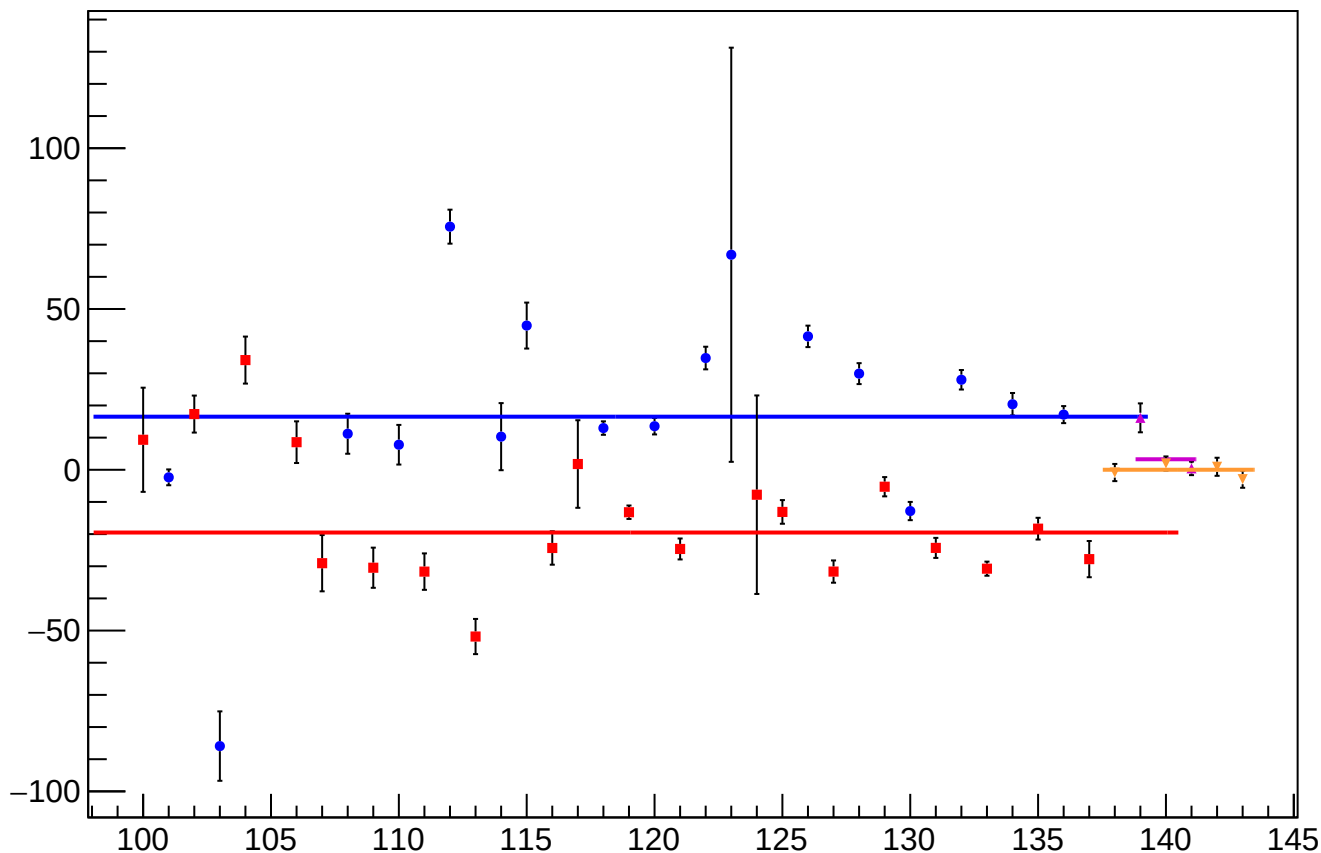


-15.125 ± 0.564 $\chi^2/\text{NDF}: 202.0/20$

1.546 ± 0.388 $\chi^2/\text{NDF}: 2149.7/42$

16.603 ± 0.536 $\chi^2/\text{NDF}: 284.1/21$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.512 ± 0.847 χ^2/NDF : 519.6/16

Left Out: 0.011 ± 1.276 χ^2/NDF : 2.2/3

Right Out: -19.512 ± 0.896 χ^2/NDF : 244.4/19

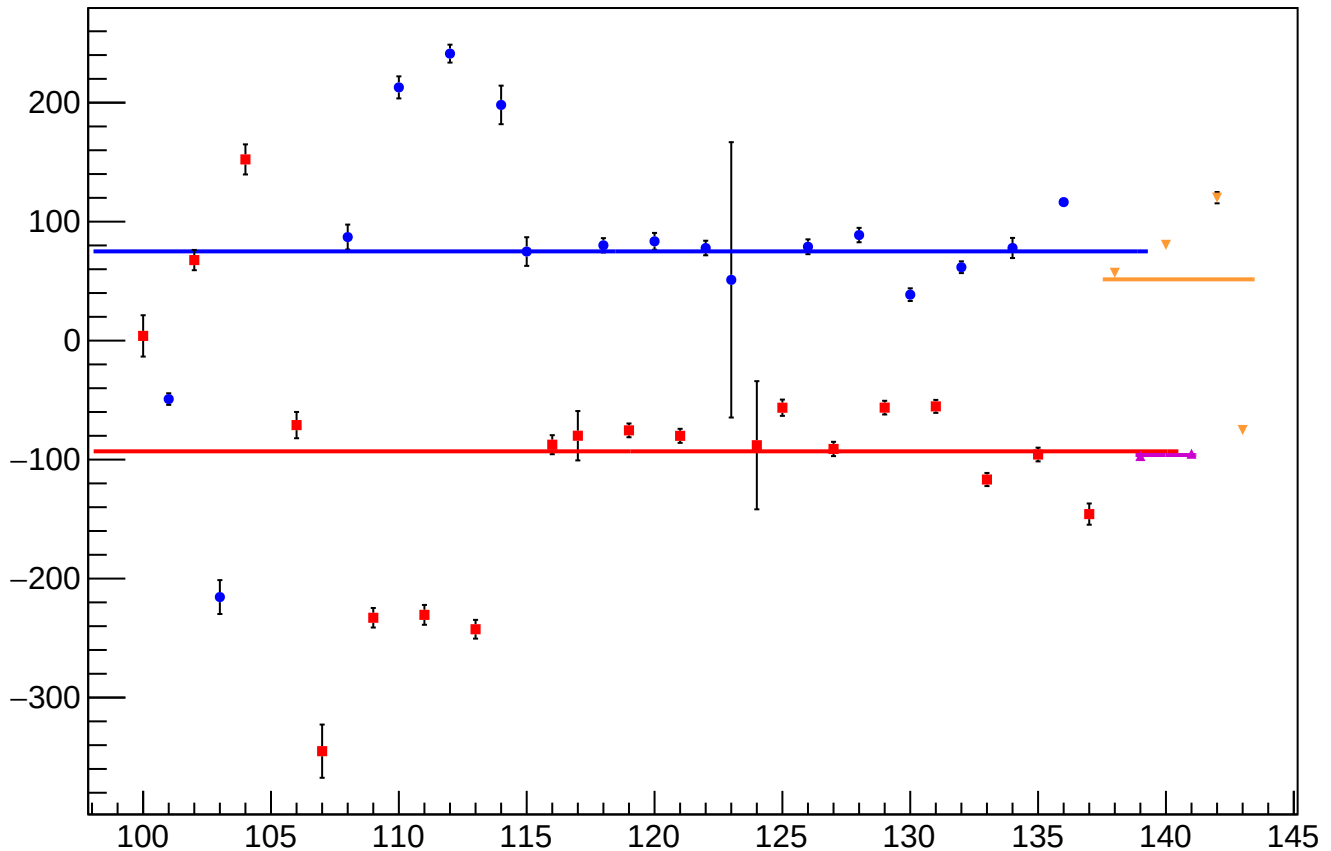
Left In: 3.272 ± 1.909 χ^2/NDF : 10.0/1

11.459 ± 0.706 χ^2/NDF : 637.9/20

-0.109 ± 0.533 χ^2/NDF : 1632.6/42

-15.394 ± 0.811 χ^2/NDF : 371.2/21

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.009 ± 1.636 χ^2/NDF : 1999.3/16

Left Out: 51.503 ± 1.656 χ^2/NDF : 1261.0/3

Right Out: -93.051 ± 1.705 χ^2/NDF : 2002.7/19

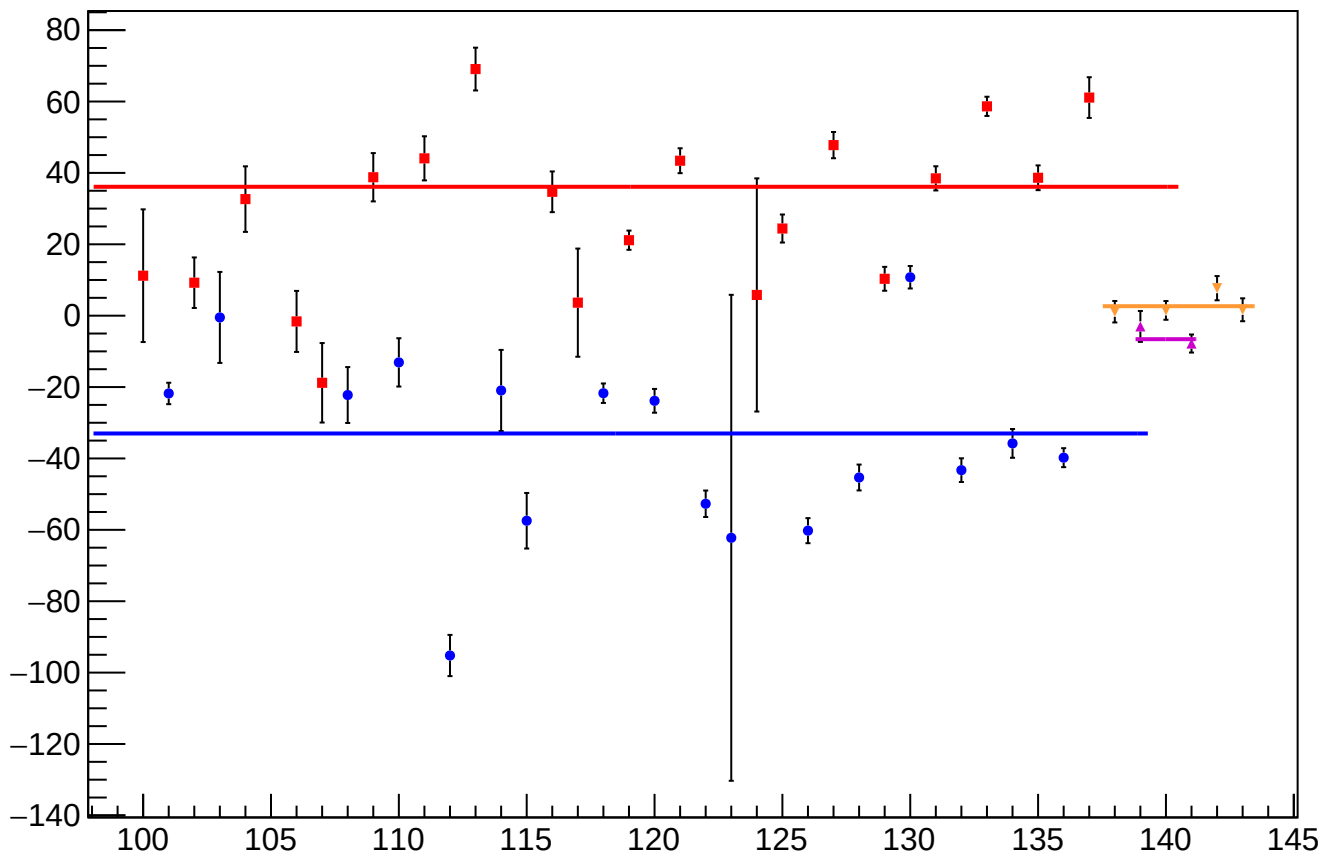
Left In: -96.157 ± 2.043 χ^2/NDF : 0.2/1

63.398 ± 1.164 χ^2/NDF : 3362.3/20

-6.220 ± 0.870 χ^2/NDF : 13474.0/42

-94.326 ± 1.309 χ^2/NDF : 2004.3/21

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: 2.655 ± 1.508 χ^2/NDF : 2.8/3

Right Out: 36.112 ± 1.023 χ^2/NDF : 301.7/19

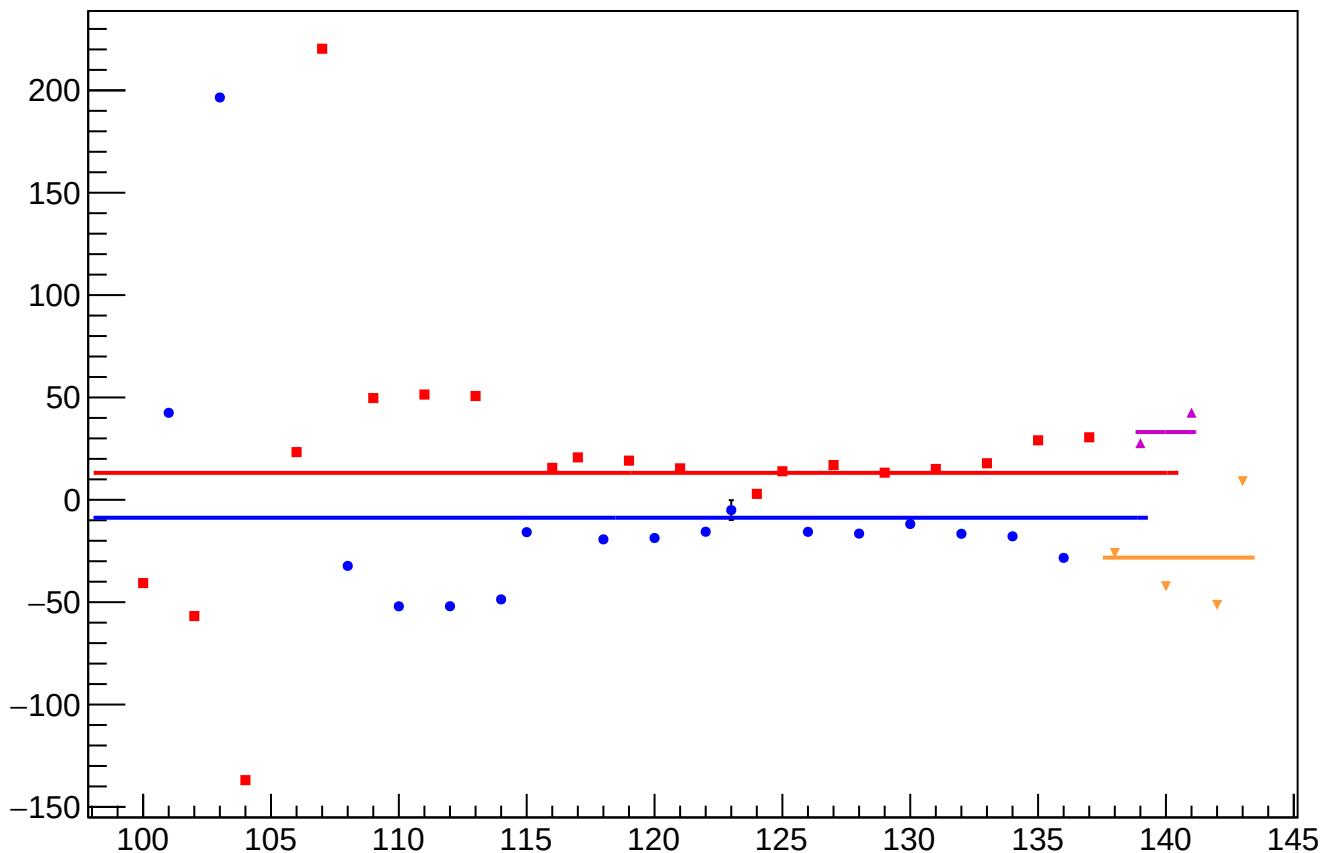
Left In: -6.585 ± 2.184 χ^2/NDF : 0.9/1

-22.545 ± 0.817 χ^2/NDF : 890.9/20

-0.247 ± 0.613 χ^2/NDF : 3210.2/42

28.428 ± 0.926 χ^2/NDF : 616.1/21

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -28.224 ± 0.067 $\chi^2/\text{NDF}: 79361.1/3$

Right Out: 13.175 ± 0.062 $\chi^2/\text{NDF}: 558691.6/19$

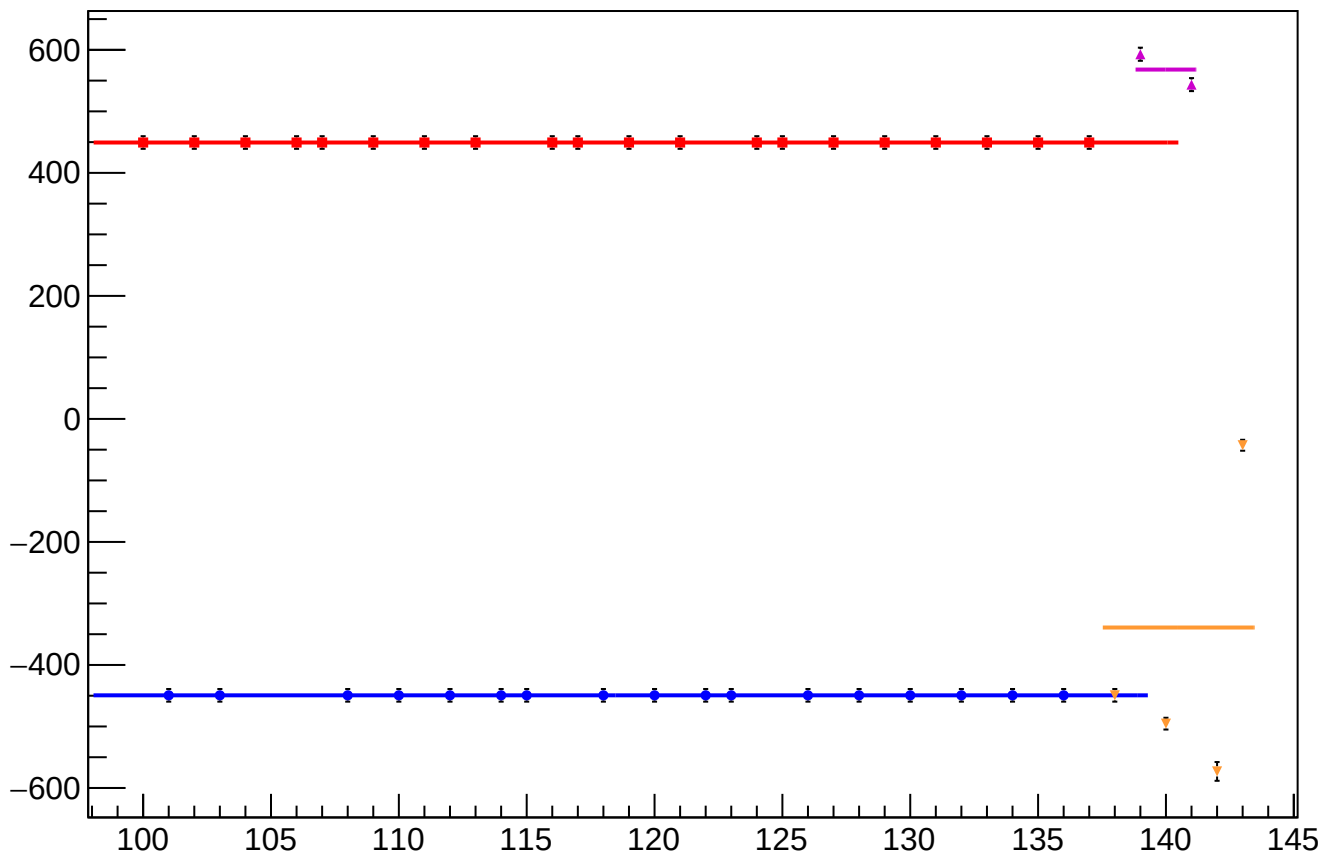
Left In: 33.102 ± 0.076 $\chi^2/\text{NDF}: 8860.5/1$

-17.182 ± 0.044 $\chi^2/\text{NDF}: 702847.5/20$

0.479 ± 0.032 $\chi^2/\text{NDF}: 1656568.2/42$

21.086 ± 0.048 $\chi^2/\text{NDF}: 609093.5/21$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -449.364 ± 2.496 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -339.126 ± 5.184 $\chi^2/\text{NDF}: 1723.5/3$

Right Out: 449.364 ± 2.301 $\chi^2/\text{NDF}: 0.0/19$

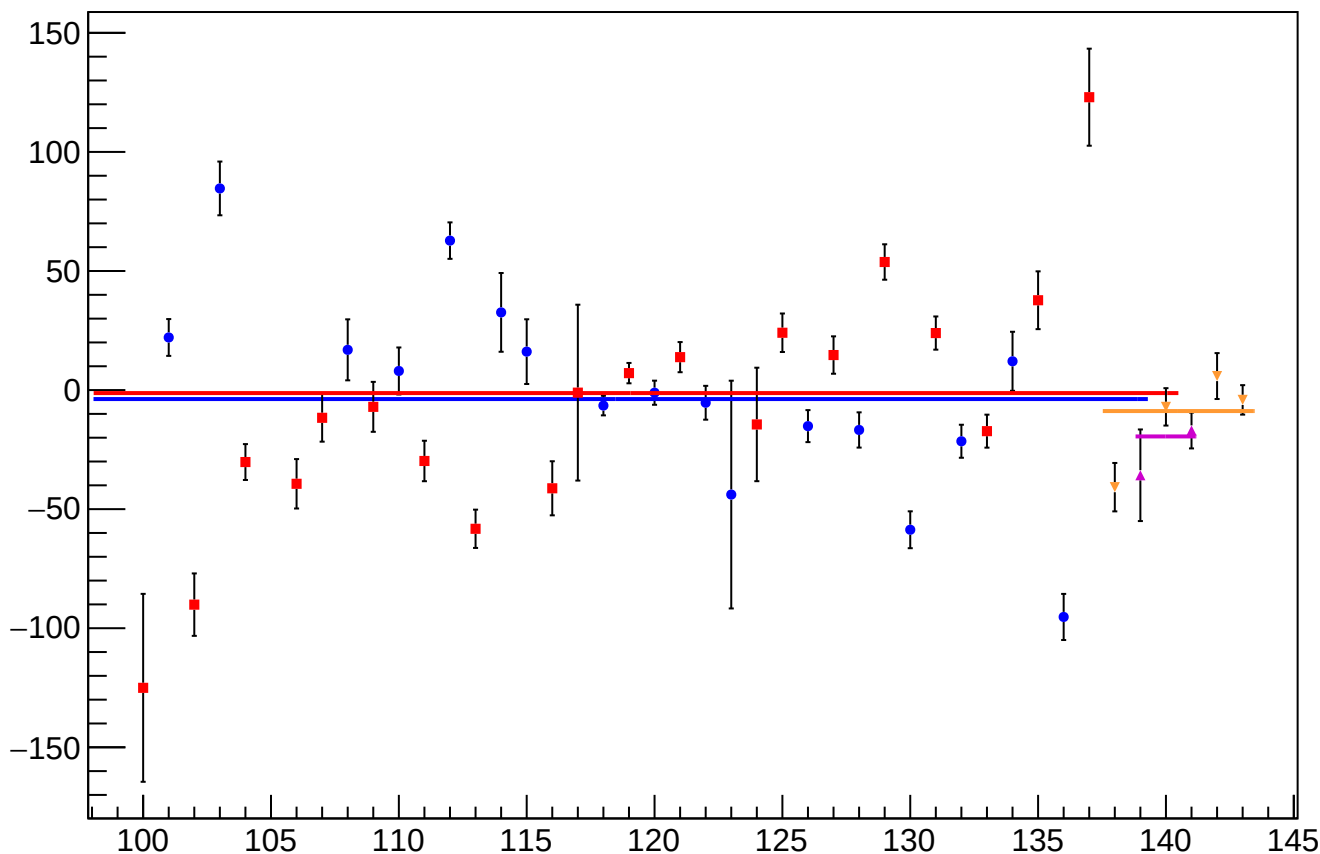
Left In: 567.954 ± 7.517 $\chi^2/\text{NDF}: 10.8/1$

-428.611 ± 2.249 $\chi^2/\text{NDF}: 2090.6/20$

25.131 ± 1.573 $\chi^2/\text{NDF}: 81995.4/42$

459.529 ± 2.201 $\chi^2/\text{NDF}: 238.4/21$

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

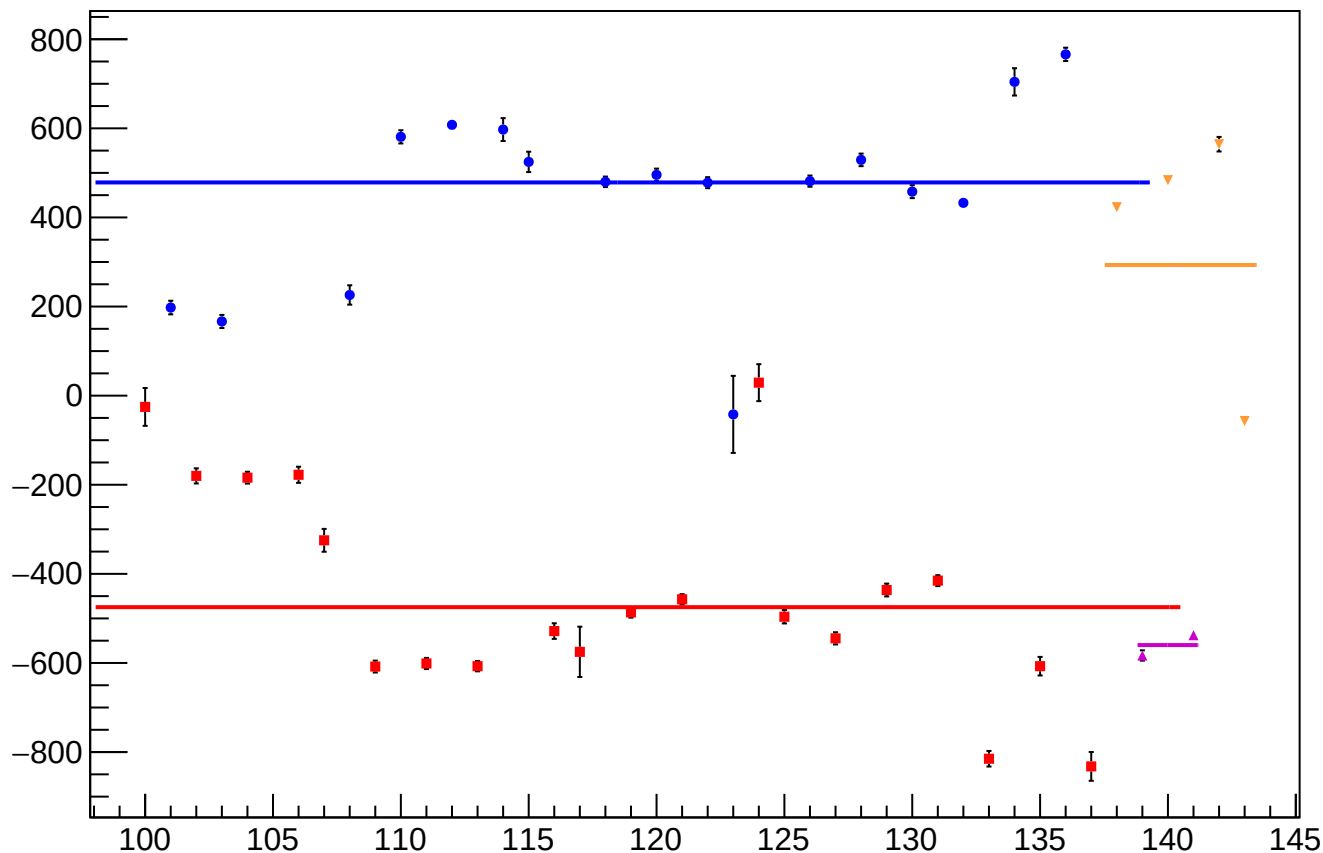
Left In: -19.468 ± 7.016 χ^2/NDF : 0.8/1

-4.695 ± 1.707 χ^2/NDF : 328.5/20

-3.699 ± 1.254 χ^2/NDF : 640.1/42

-2.530 ± 1.850 χ^2/NDF : 310.8/21

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526 $\pm$ 3.630 χ^2/NDF : 1629.0/16

Left Out: 293.273 $\pm$ 5.552 χ^2/NDF :2116.3/3

Right Out: -474.721 $\pm$ 3.526 χ^2/NDF : 2290.3/19

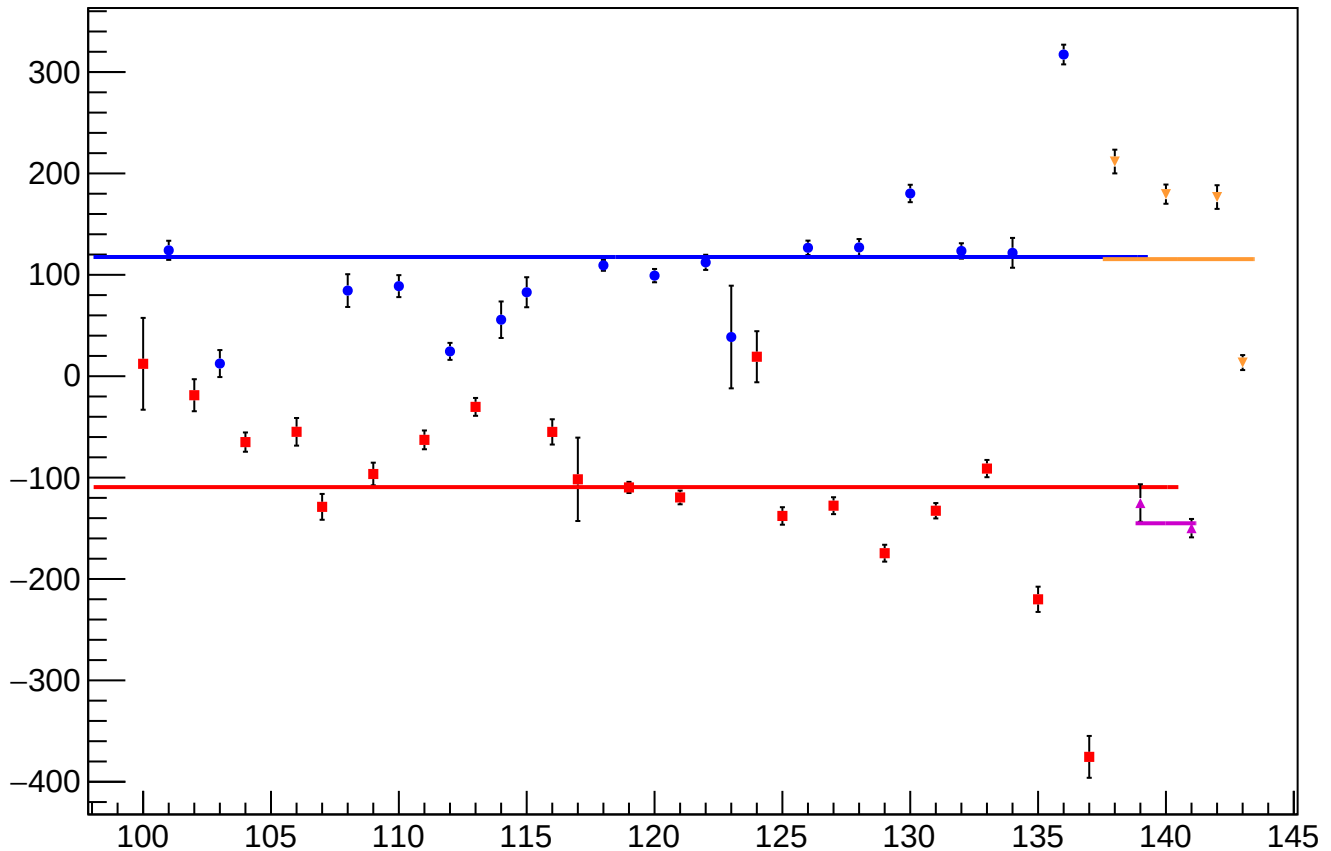
Left In: -559.827 $\pm$ 8.063 χ^2/NDF :8.0/1

423.051 $\pm$ 3.038 χ^2/NDF : 4525.2/20

-4.758 $\pm$ 2.213 χ^2/NDF : 49155.1/42

-488.381 $\pm$ 3.230 χ^2/NDF : 2391.8/21

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585 +/- 2.193 χ^2/NDF : 706.9/16

Left Out: 115.485 +/- 4.765 χ^2/NDF : 331.2/3

Right Out: -109.378 +/- 2.207 χ^2/NDF : 571.2/19

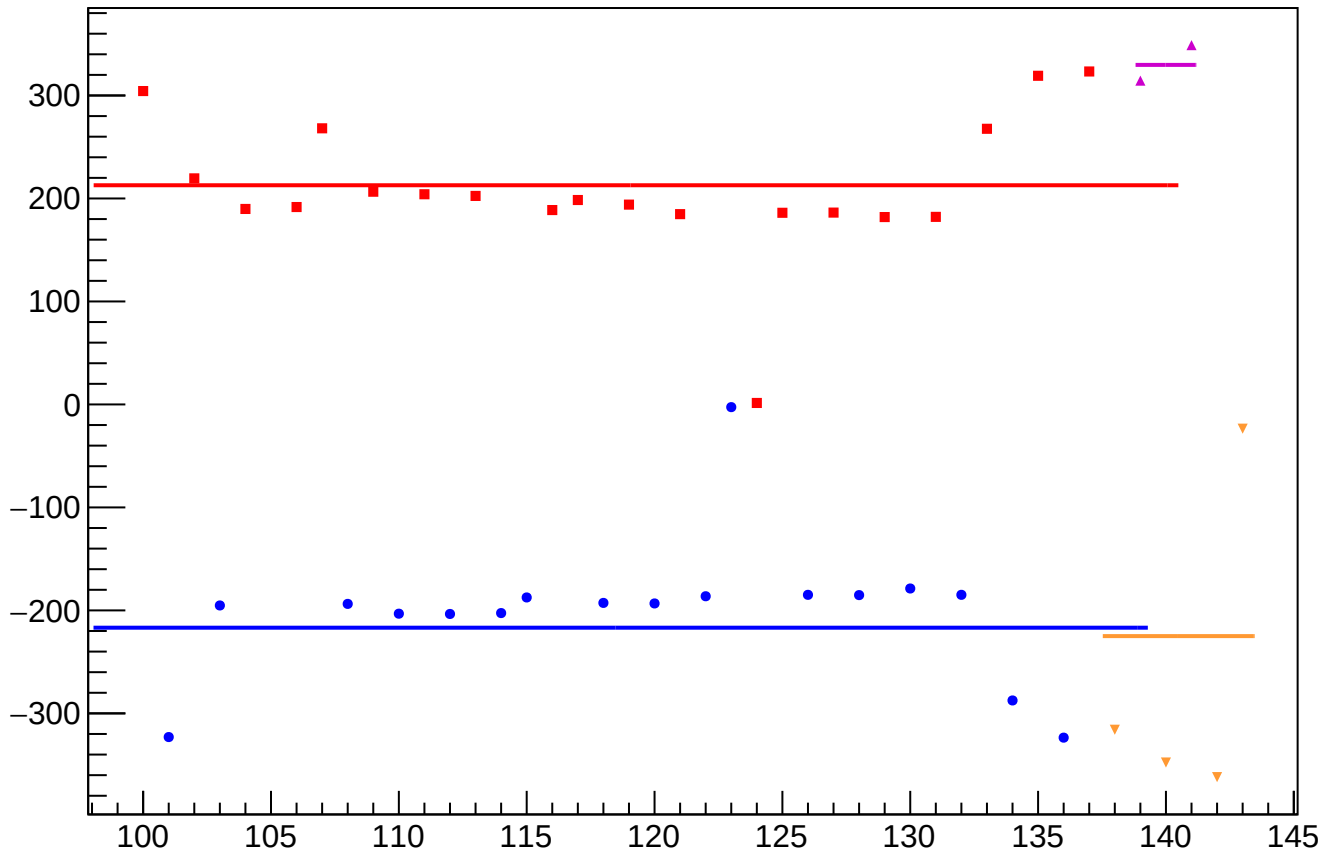
Left In: -145.058 +/- 8.150 χ^2/NDF : 1.4/1

117.218 +/- 1.992 χ^2/NDF : 1038.2/20

10.356 +/- 1.455 χ^2/NDF : 7796.8/42

-111.815 +/- 2.130 χ^2/NDF : 590.5/21

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -224.971 ± 0.227 $\chi^2/\text{NDF}: 441666.8/3$

Right Out: 212.832 ± 0.130 $\chi^2/\text{NDF}: 116424.5/19$

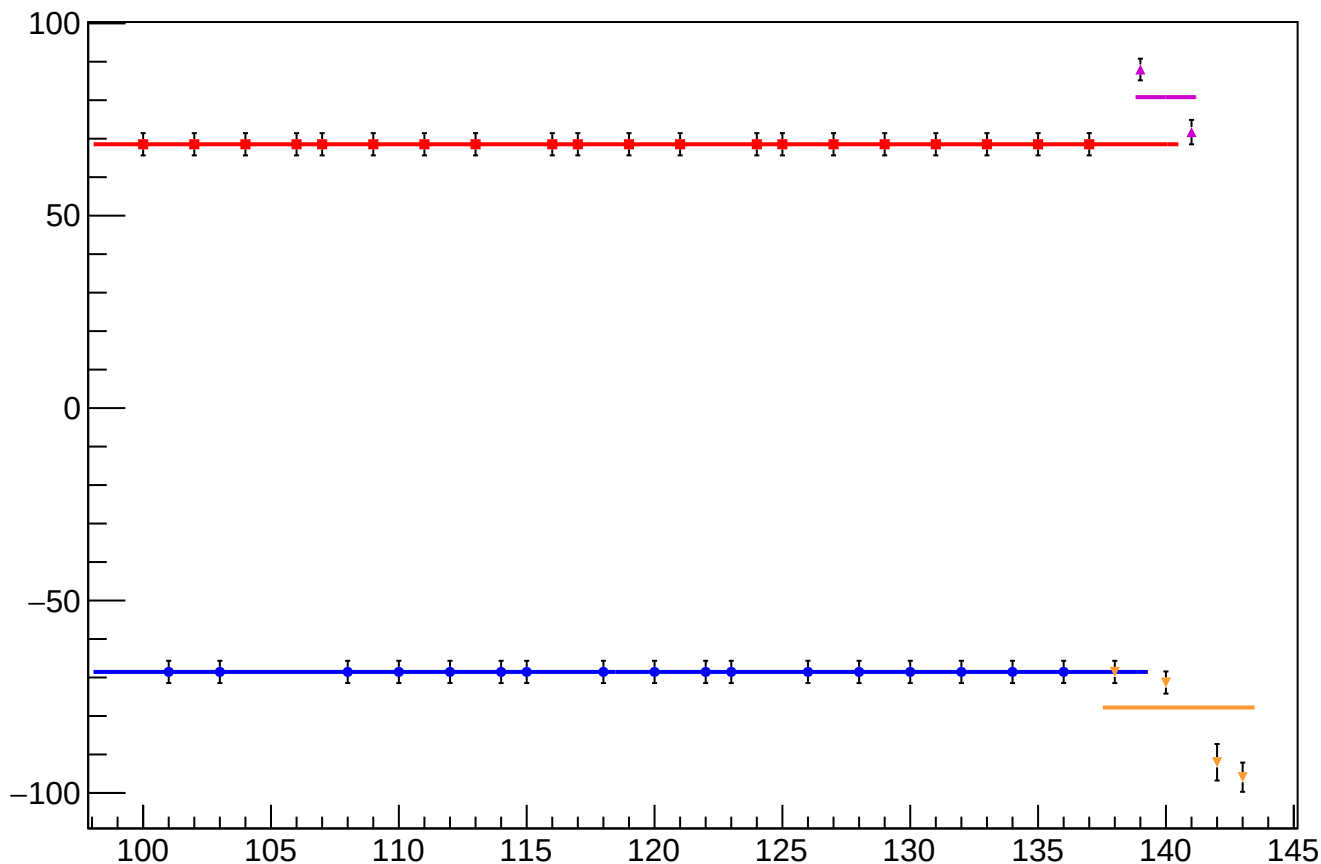
Left In: 329.705 ± 0.304 $\chi^2/\text{NDF}: 3179.4/1$

-218.940 ± 0.117 $\chi^2/\text{NDF}: 589595.7/20$

0.291 ± 0.083 $\chi^2/\text{NDF}: 8100372.1/42$

230.931 ± 0.119 $\chi^2/\text{NDF}: 244792.4/21$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -68.551 $\pm$ 0.701 χ^2 /NDF: 0.0/16

Left Out: -77.795 $\pm$ 1.679 χ^2 /NDF: 47.1/3

Right Out: 68.551 $\pm$ 0.647 χ^2 /NDF: 0.0/19

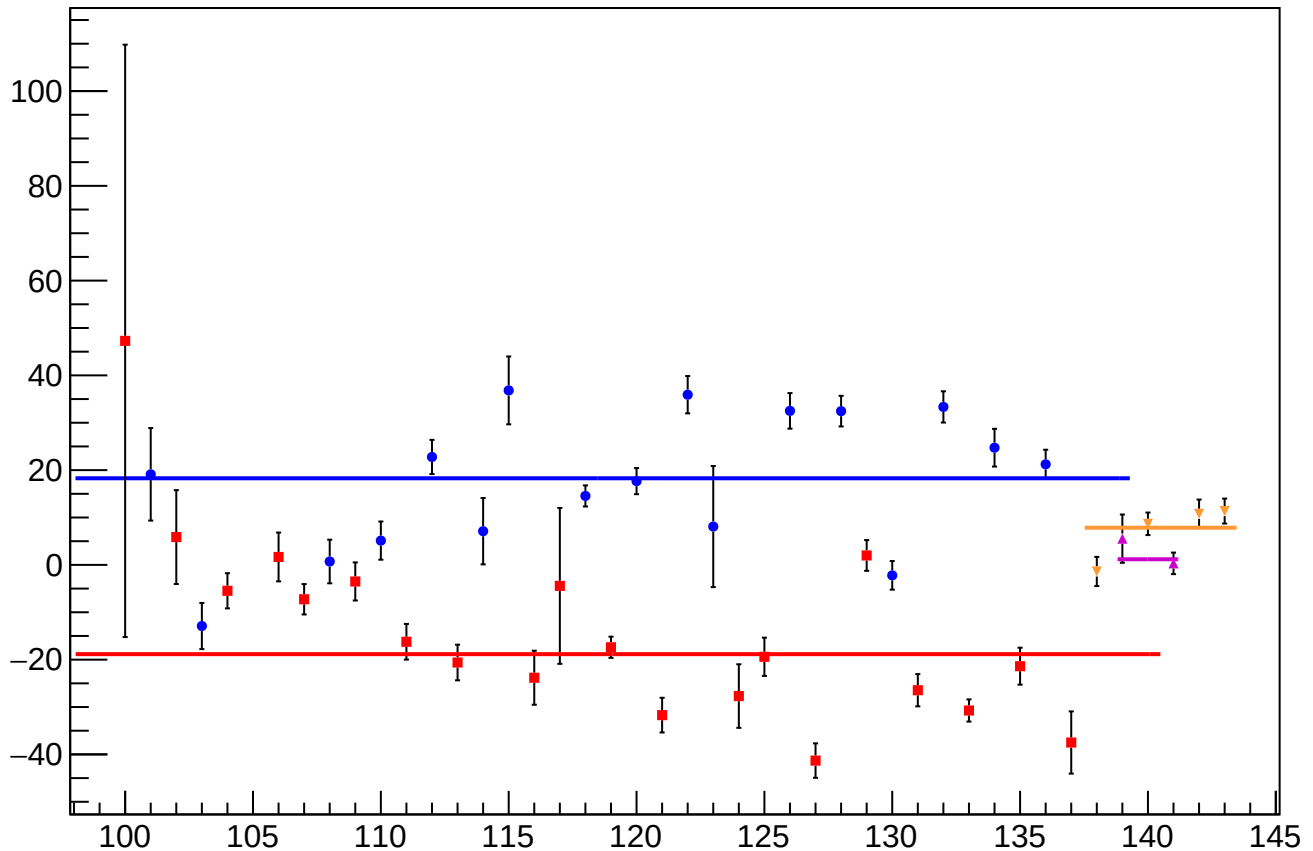
Left In: 80.800 $\pm$ 2.106 χ^2 /NDF: 14.7/1

-69.924 $\pm$ 0.647 χ^2 /NDF: 72.9/20

3.042 $\pm$ 0.447 χ^2 /NDF: 24425.1/42

69.606 $\pm$ 0.618 χ^2 /NDF: 45.6/21

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.279 ± 0.906 χ^2/NDF : 204.6/16

Left Out: 7.848 ± 1.364 χ^2/NDF : 11.8/3

Right Out: -18.842 ± 0.863 χ^2/NDF : 199.2/19

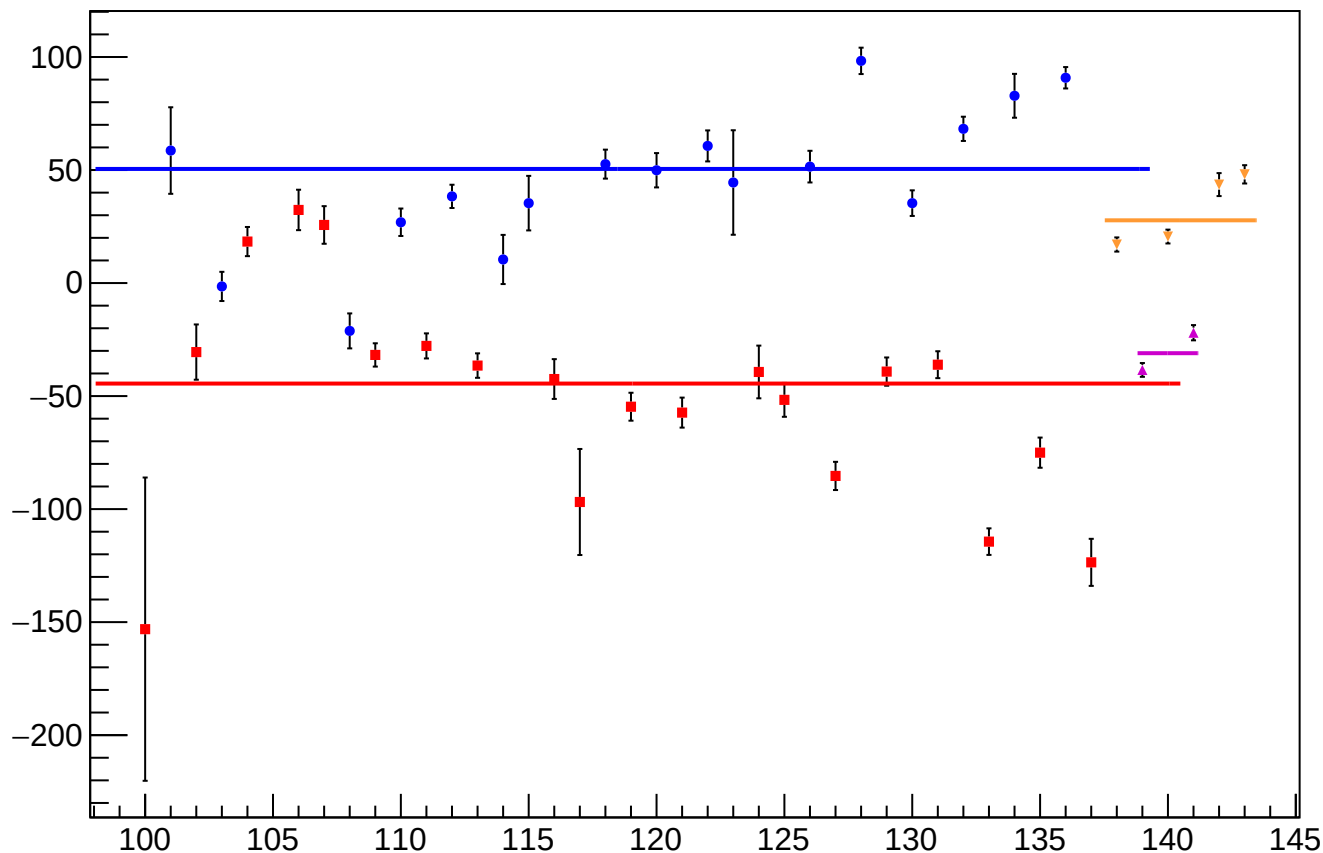
Left In: 1.192 ± 2.077 χ^2/NDF : 0.9/1

15.089 ± 0.754 χ^2/NDF : 257.0/20

0.450 ± 0.548 χ^2/NDF : 1333.2/42

-15.891 ± 0.797 χ^2/NDF : 279.4/21

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

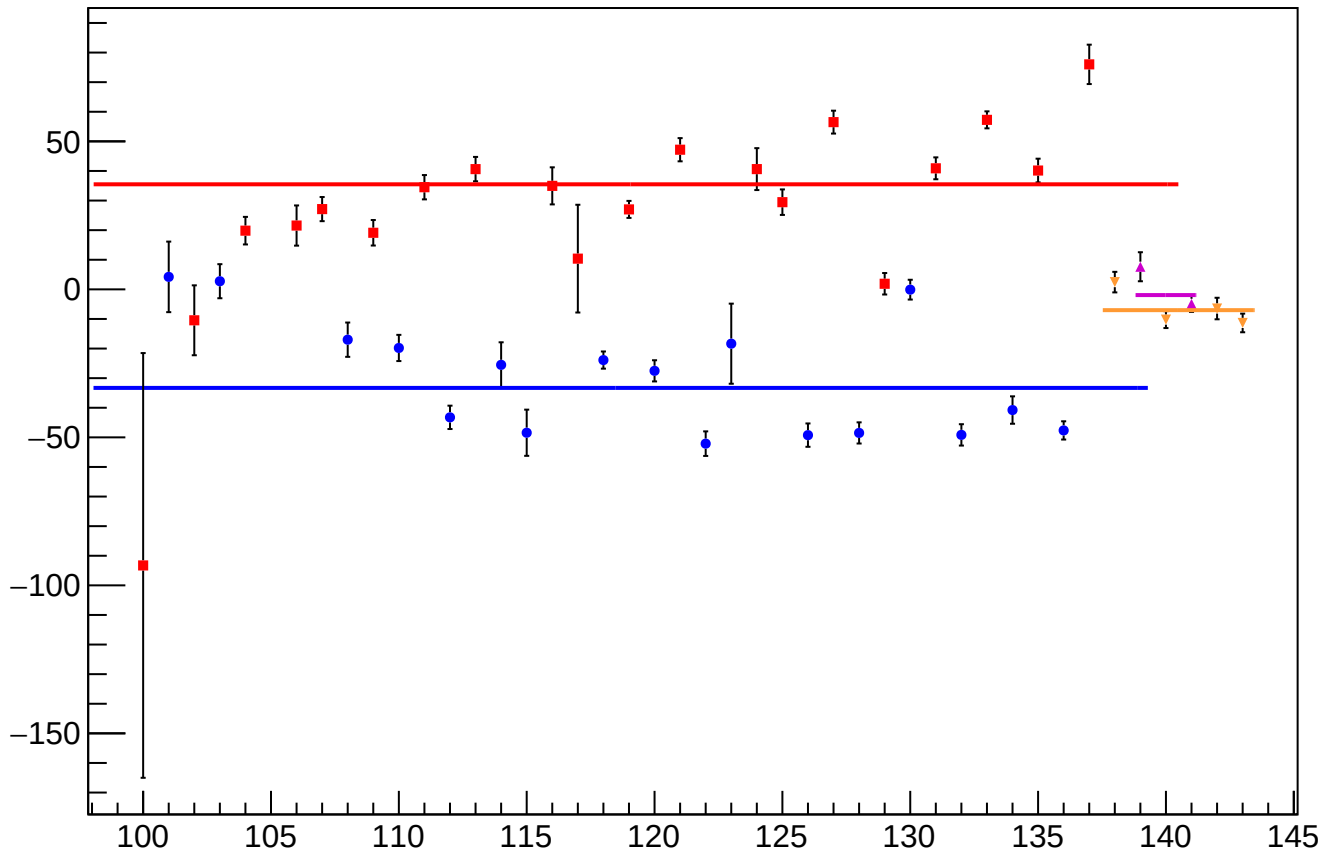
Left In: -31.027+/-2.262 χ^2/NDF : 13.1/1

39.991+/-1.224 χ^2/NDF : 495.7/20

2.579+/-0.893 χ^2/NDF : 3069.2/42

-39.989+/-1.306 χ^2/NDF : 576.1/21

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 $\pm$ 1.033 χ^2/NDF : 289.1/16

Left Out: -7.026 $\pm$ 1.617 χ^2/NDF : 10.6/3

Right Out: 35.491 $\pm$ 0.991 χ^2/NDF : 289.5/19

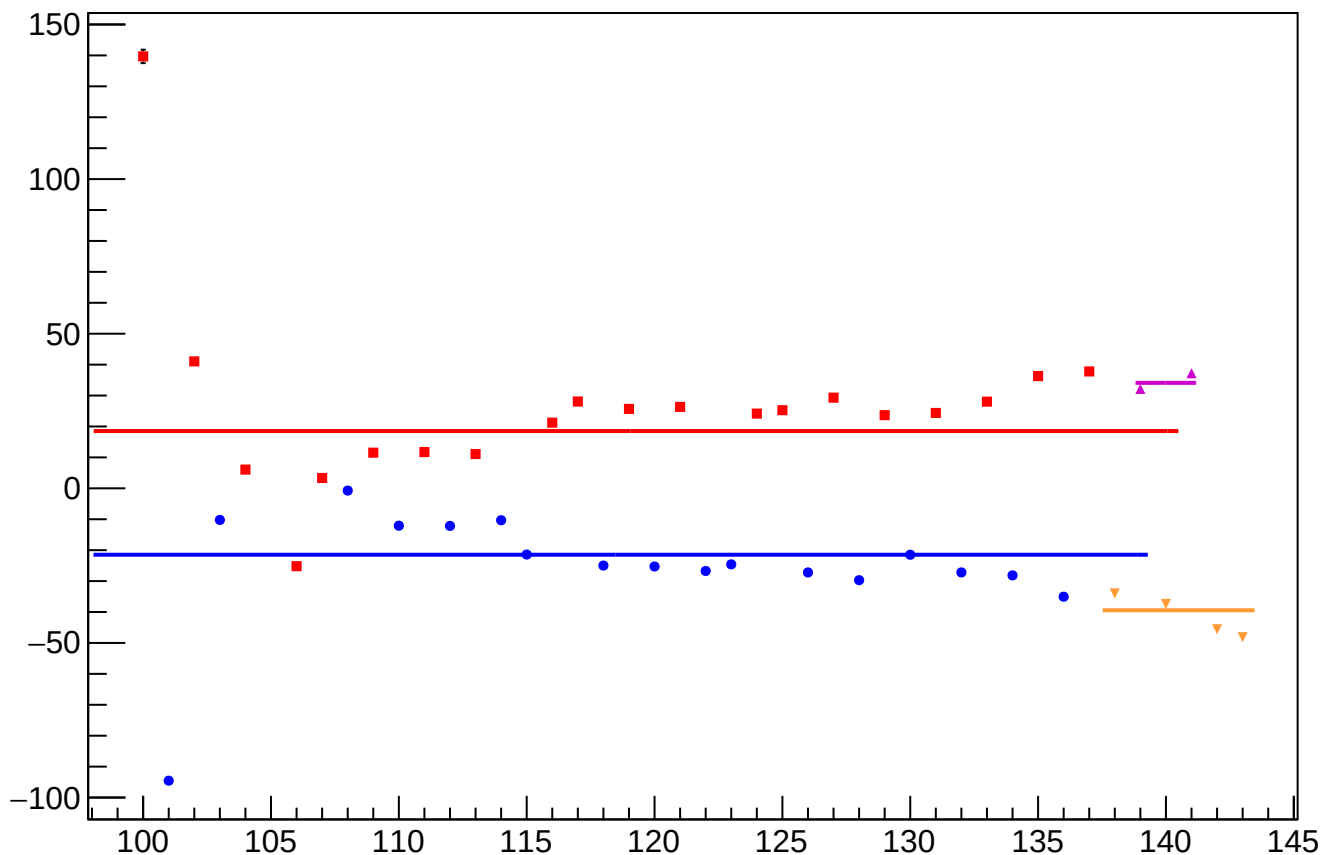
Left In: -1.931 $\pm$ 2.384 χ^2/NDF : 5.0/1

-25.681 $\pm$ 0.871 χ^2/NDF : 487.0/20

0.761 $\pm$ 0.631 χ^2/NDF : 2933.5/42

29.976 $\pm$ 0.915 χ^2/NDF : 504.7/21

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -39.438 ± 0.073 $\chi^2/\text{NDF}: 6008.2/3$

Right Out: 18.533 ± 0.057 $\chi^2/\text{NDF}: 80812.7/19$

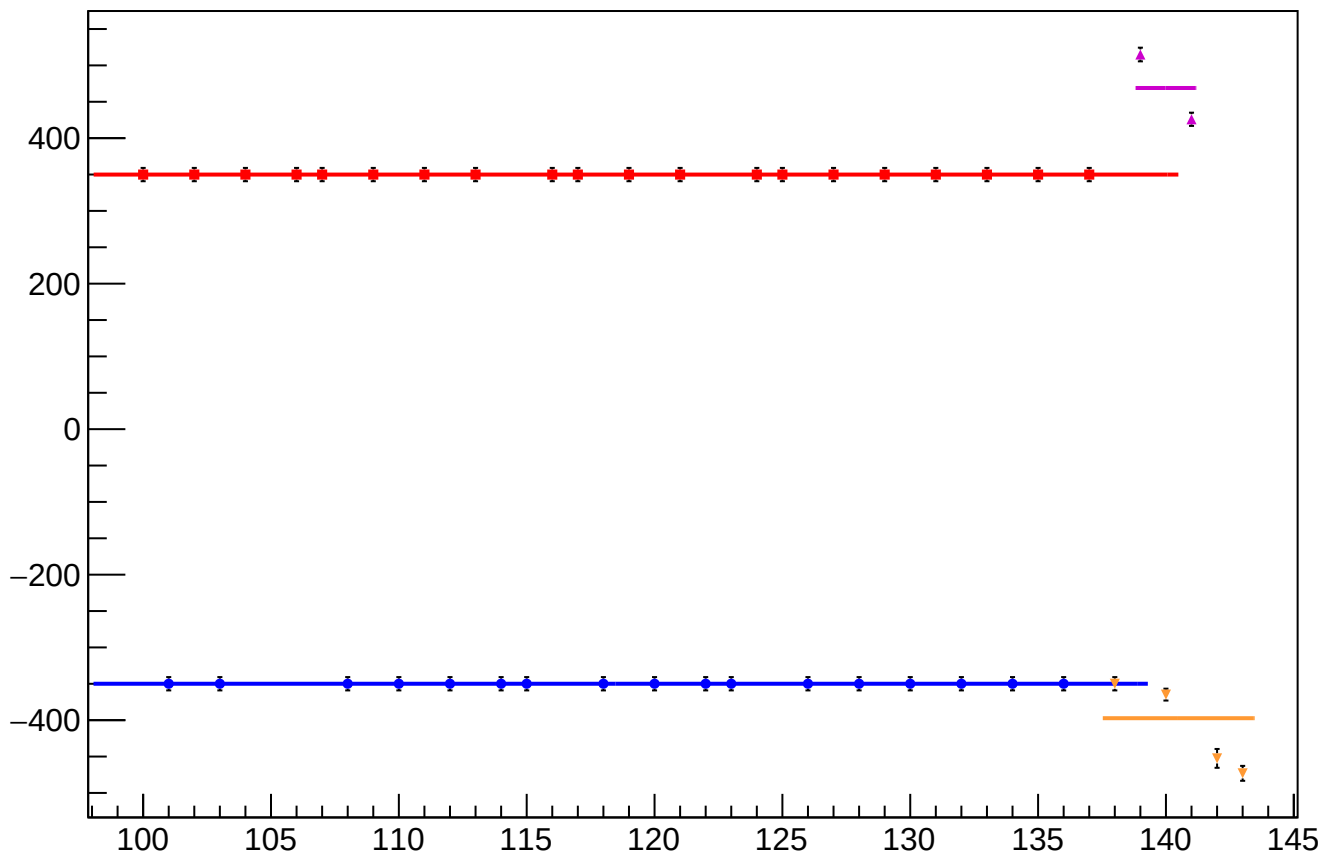
Left In: 34.108 ± 0.084 $\chi^2/\text{NDF}: 853.0/1$

-28.475 ± 0.046 $\chi^2/\text{NDF}: 91527.9/20$

-3.366 ± 0.033 $\chi^2/\text{NDF}: 816951.6/42$

23.449 ± 0.047 $\chi^2/\text{NDF}: 105013.7/21$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -349.933+/-2.223 χ^2/NDF : 0.0/16

Left Out: -397.287+/-4.861 χ^2/NDF : 115.2/3

Right Out: 349.933+/-2.049 χ^2/NDF : 0.0/19

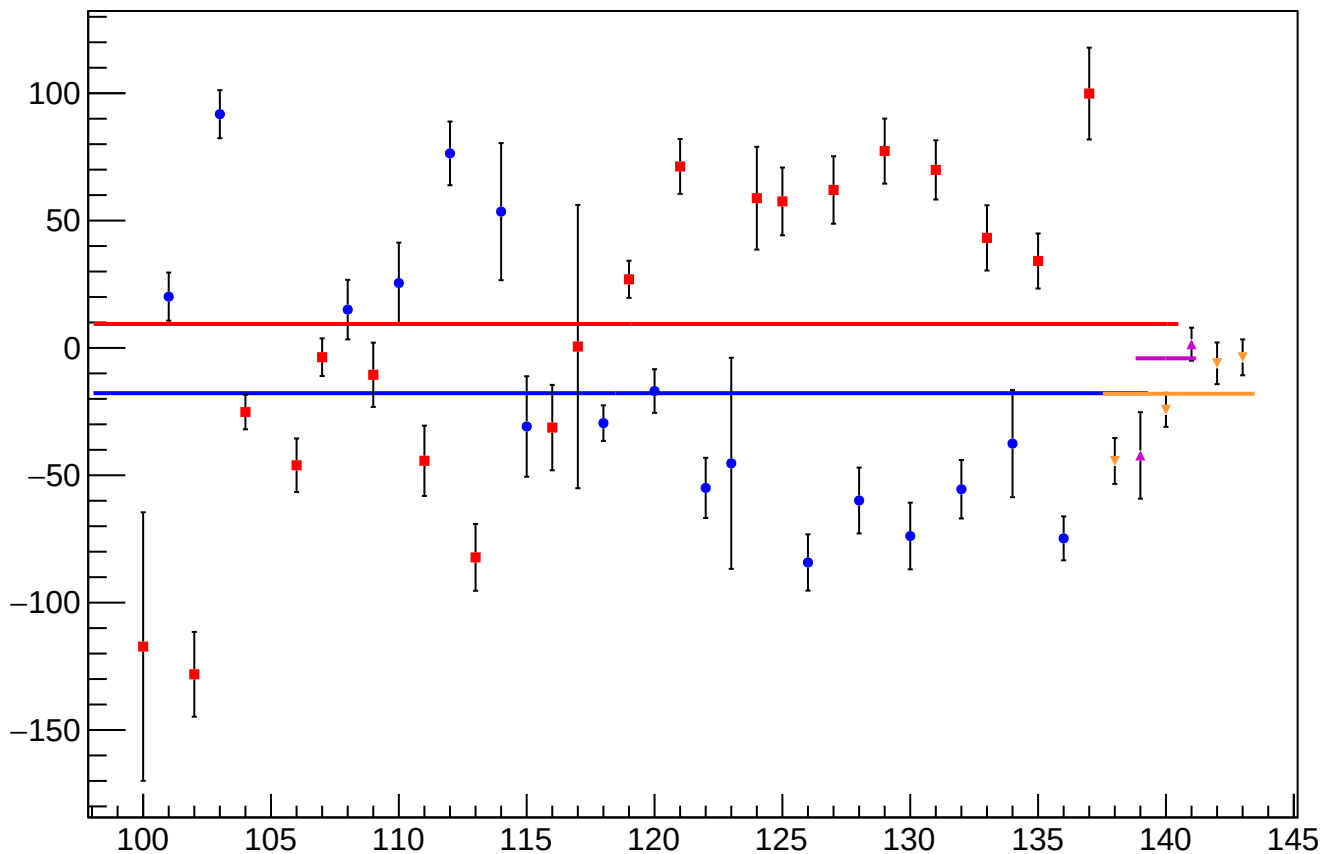
Left In: 468.940+/-6.539 χ^2/NDF : 46.3/1

-358.124+/-2.022 χ^2/NDF : 193.6/20

13.138+/-1.406 χ^2/NDF : 65830.3/42

360.579+/-1.956 χ^2/NDF : 347.9/21

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.765 ± 2.781 $\chi^2/\text{NDF}: 363.9/16$

Left Out: -17.991 ± 3.786 $\chi^2/\text{NDF}: 15.7/3$

Right Out: 9.397 ± 2.610 $\chi^2/\text{NDF}: 369.6/19$

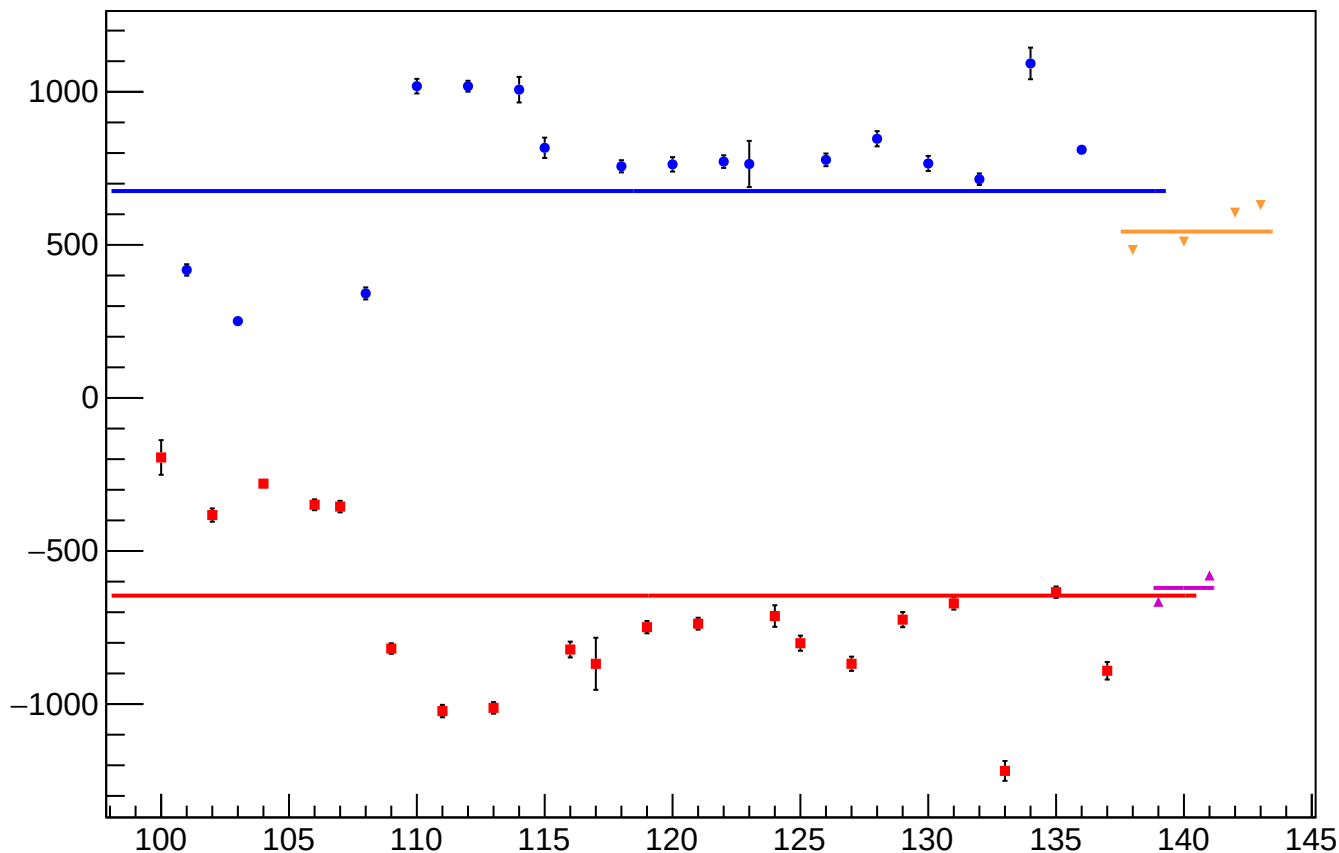
Left In: -4.083 ± 6.053 $\chi^2/\text{NDF}: 5.8/1$

-17.844 ± 2.242 $\chi^2/\text{NDF}: 379.6/20$

-6.121 ± 1.637 $\chi^2/\text{NDF}: 817.8/42$

7.283 ± 2.397 $\chi^2/\text{NDF}: 379.6/21$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871 $\pm$ 5.037 χ^2/NDF : 2586.4/16

Left Out: 543.446 $\pm$ 5.208 χ^2/NDF :133.3/3

Right Out: -645.711 $\pm$ 4.753 χ^2/NDF : 3130.1/19

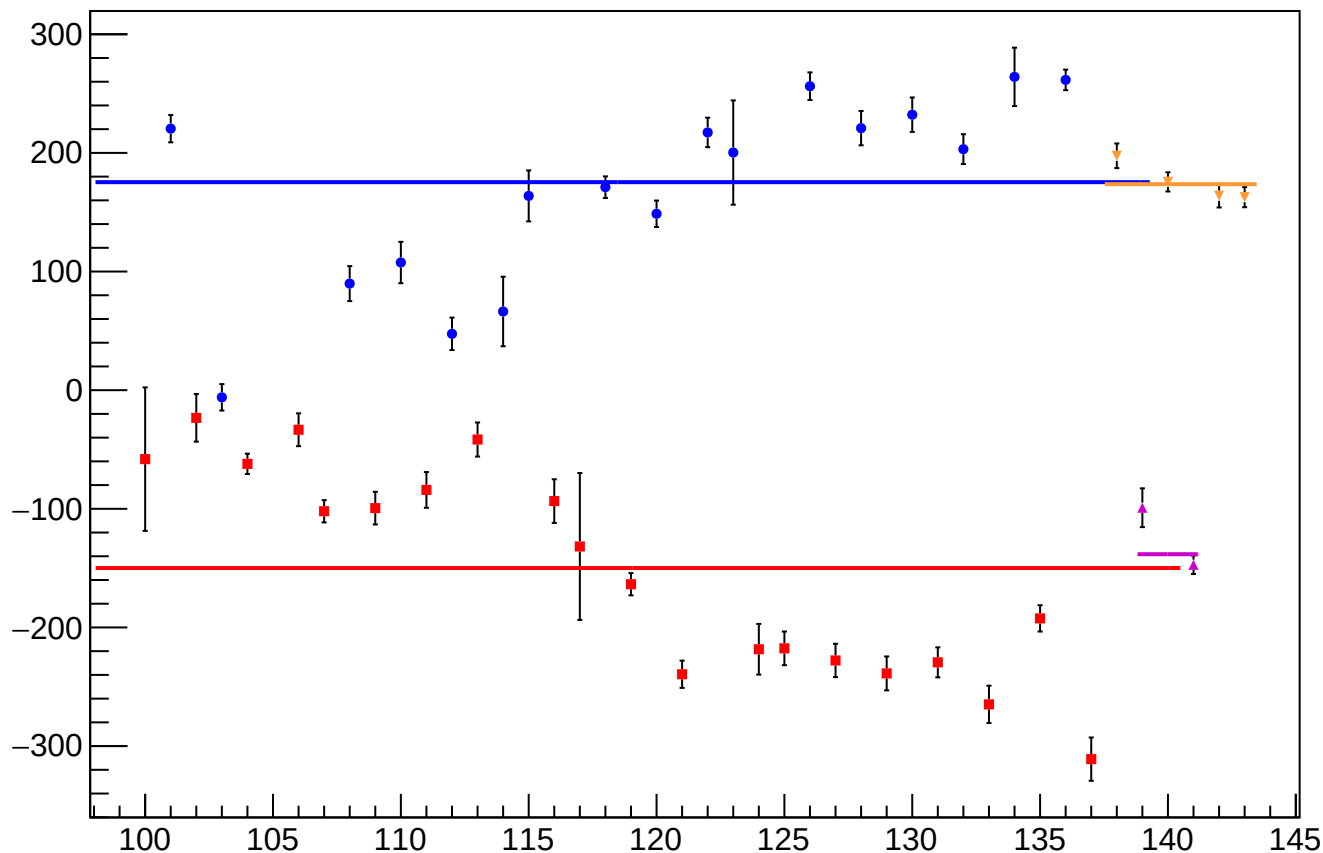
Left In: -620.599 $\pm$ 7.011 χ^2/NDF :37.5/1

611.861 $\pm$ 3.620 χ^2/NDF : 3053.8/20

38.870 $\pm$ 2.664 χ^2/NDF : 60856.8/42

-637.803 $\pm$ 3.934 χ^2/NDF : 3176.4/21

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.341 ± 3.203 χ^2/NDF : 638.5/16

Left Out: 173.647 ± 4.532 χ^2/NDF : 8.0/3

Right Out: -149.923 ± 3.041 χ^2/NDF : 693.2/19

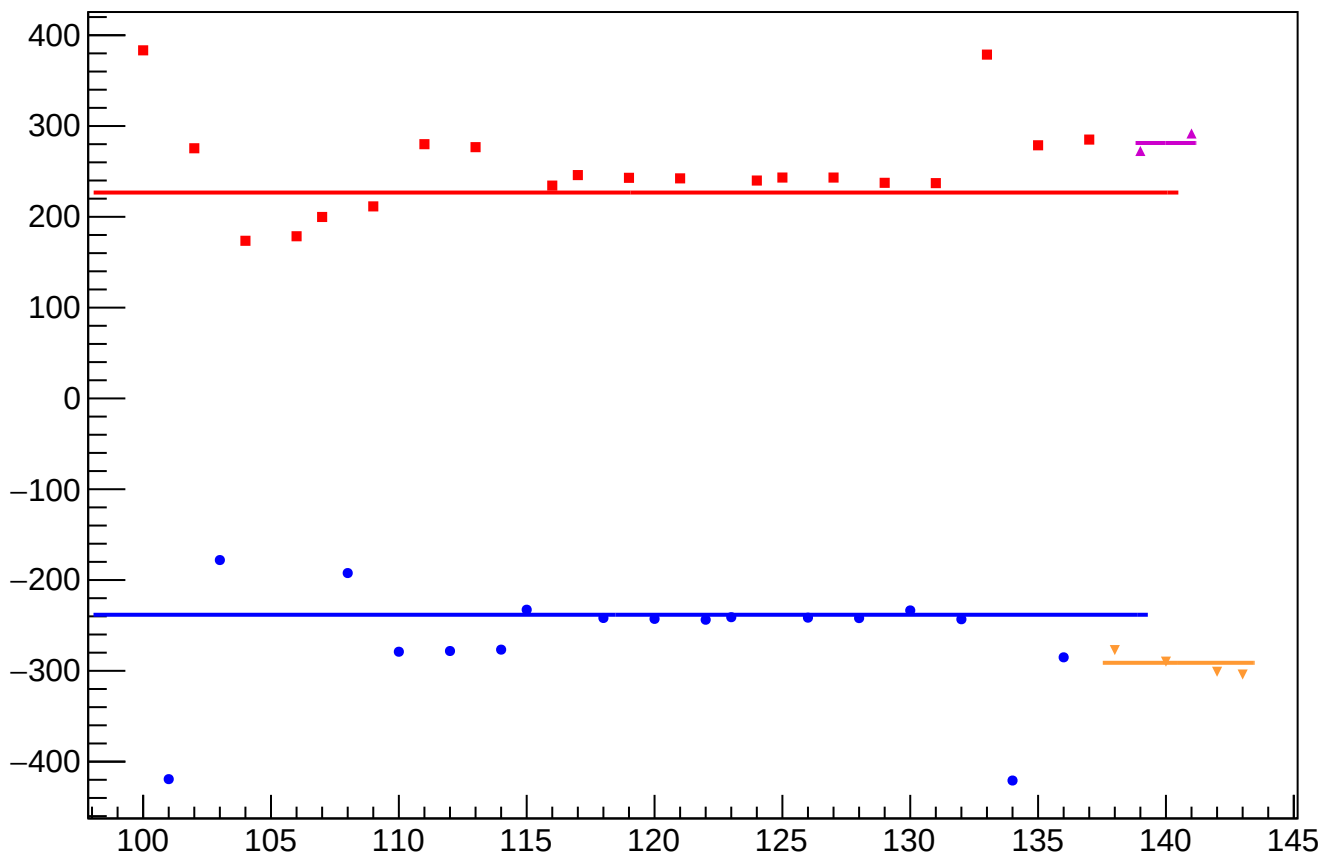
Left In: -138.264 ± 7.042 χ^2/NDF : 7.0/1

174.777 ± 2.616 χ^2/NDF : 646.5/20

23.876 ± 1.909 χ^2/NDF : 8471.1/42

-148.090 ± 2.792 χ^2/NDF : 702.6/21

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

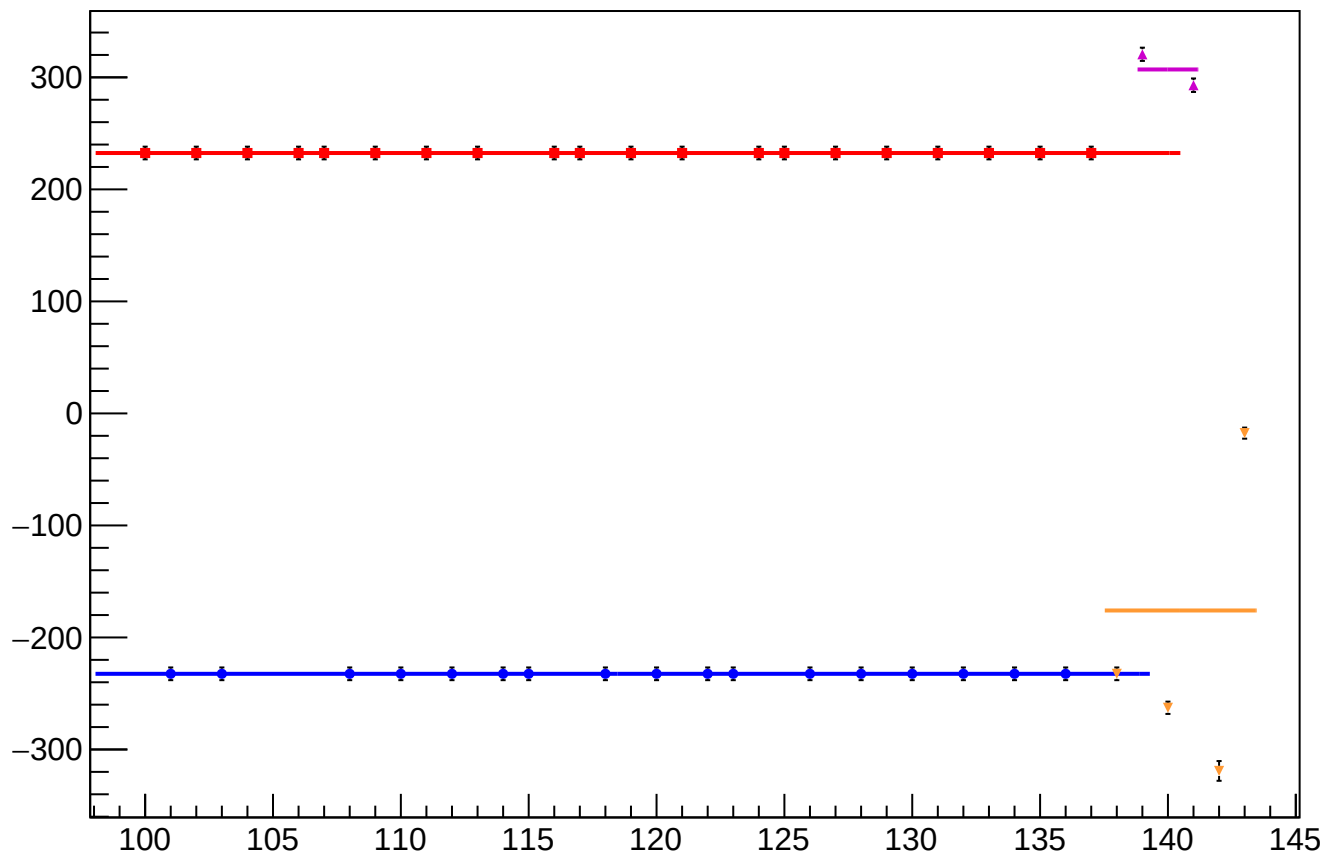
Left In: 281.315+/-0.265 χ^2/NDF : 1308.6/1

-257.112+/-0.128 χ^2/NDF : 208584.8/20

-14.055+/-0.092 χ^2/NDF : 7688801.4/42

240.114+/-0.131 χ^2/NDF : 136196.2/21

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -232.456 $\pm$ 1.378 χ^2/NDF : 0.0/16

Left Out: -175.921 $\pm$ 2.913 χ^2/NDF : 1637.1/3

Right Out: 232.456 $\pm$ 1.270 χ^2/NDF : 0.0/19

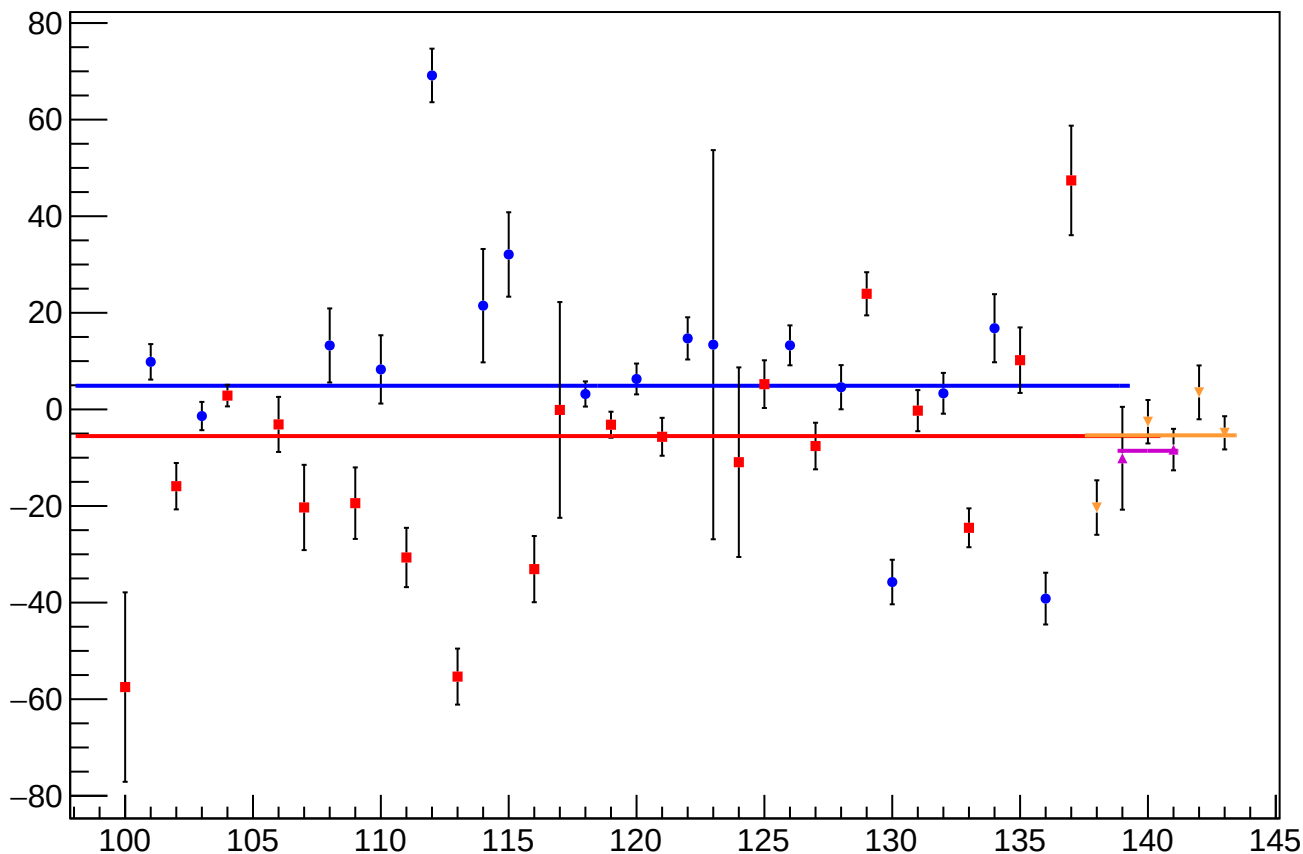
Left In: 307.040 $\pm$ 4.223 χ^2/NDF : 10.7/1

-222.122 $\pm$ 1.245 χ^2/NDF : 1944.9/20

13.703 $\pm$ 0.870 χ^2/NDF : 72292.7/42

238.643 $\pm$ 1.216 χ^2/NDF : 296.7/21

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896 ± 1.089 $\chi^2/\text{NDF}: 312.0/16$

Left Out: -5.366 ± 2.249 $\chi^2/\text{NDF}: 10.0/3$

Right Out: -5.522 ± 1.070 $\chi^2/\text{NDF}: 239.2/19$

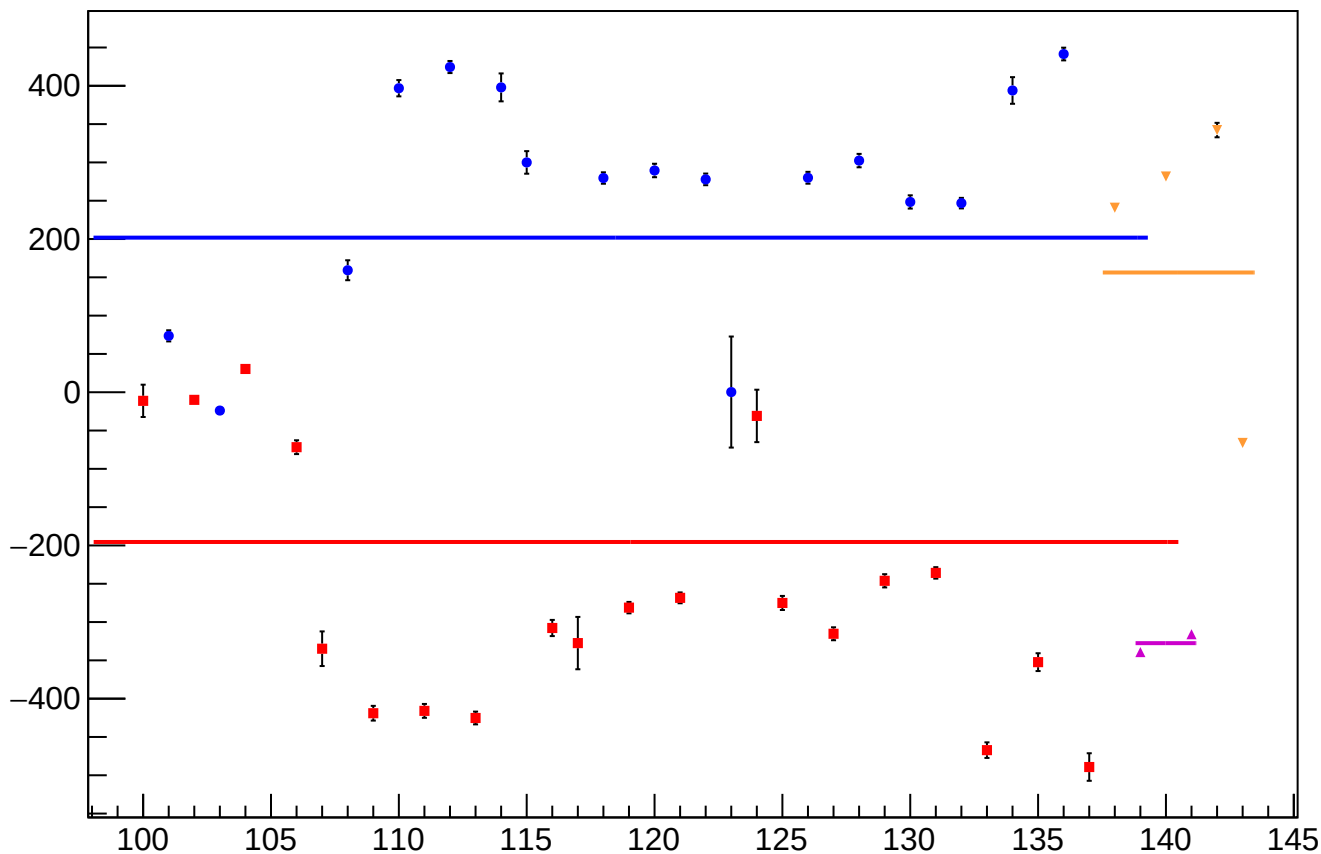
Left In: -8.569 ± 3.984 $\chi^2/\text{NDF}: 0.0/1$

2.947 ± 0.980 $\chi^2/\text{NDF}: 338.8/20$

-1.161 ± 0.711 $\chi^2/\text{NDF}: 615.7/42$

-5.727 ± 1.033 $\chi^2/\text{NDF}: 239.8/21$

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

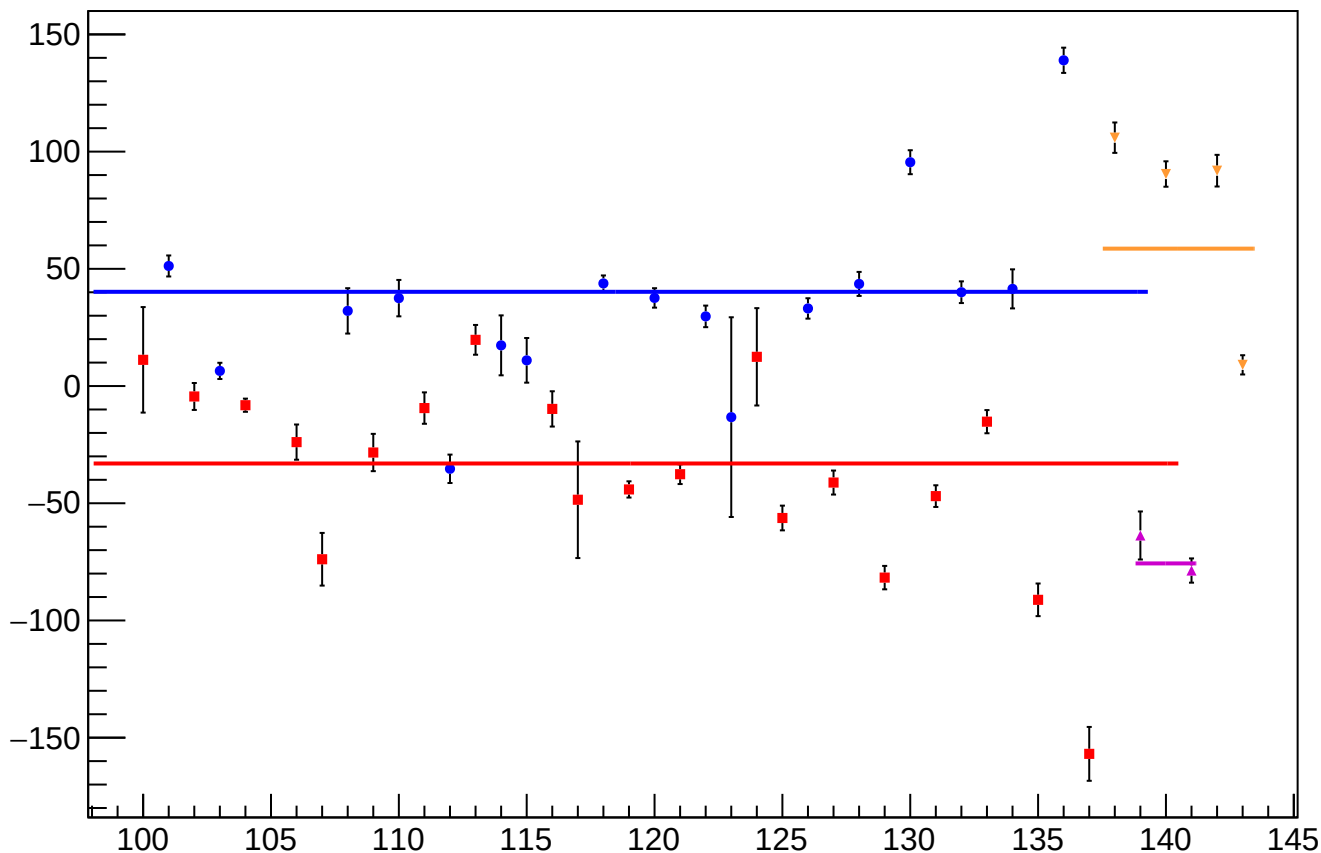
Left In: -327.542 $\pm$ 4.532 χ^2/NDF :6.6/1

188.839 $\pm$ 1.666 χ^2/NDF : 9716.3/20

-1.283 $\pm$ 1.213 χ^2/NDF : 46412.7/42

-215.594 $\pm$ 1.769 χ^2/NDF : 8998.5/21

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

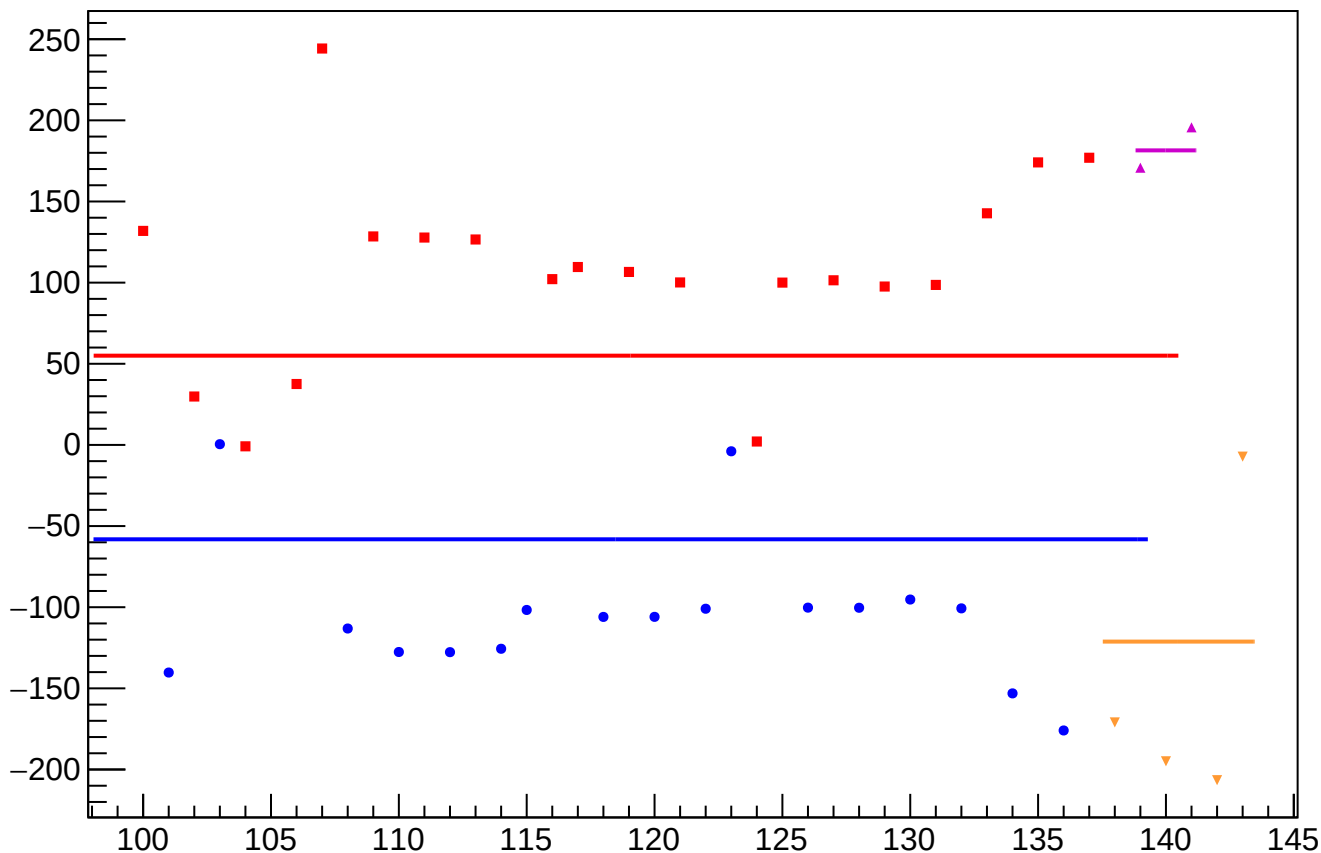
Left In: -75.664+/-4.618 χ^2/NDF : 1.7/1

43.557+/-1.146 χ^2/NDF : 1031.1/20

5.875+/-0.831 χ^2/NDF : 3947.7/42

-35.952+/-1.207 χ^2/NDF : 635.5/21

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.155+/-0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -121.188+/-0.128 $\chi^2/\text{NDF}: 466648.1/3$

Right Out: 54.995+/-0.060 $\chi^2/\text{NDF}: 1005108.5/19$

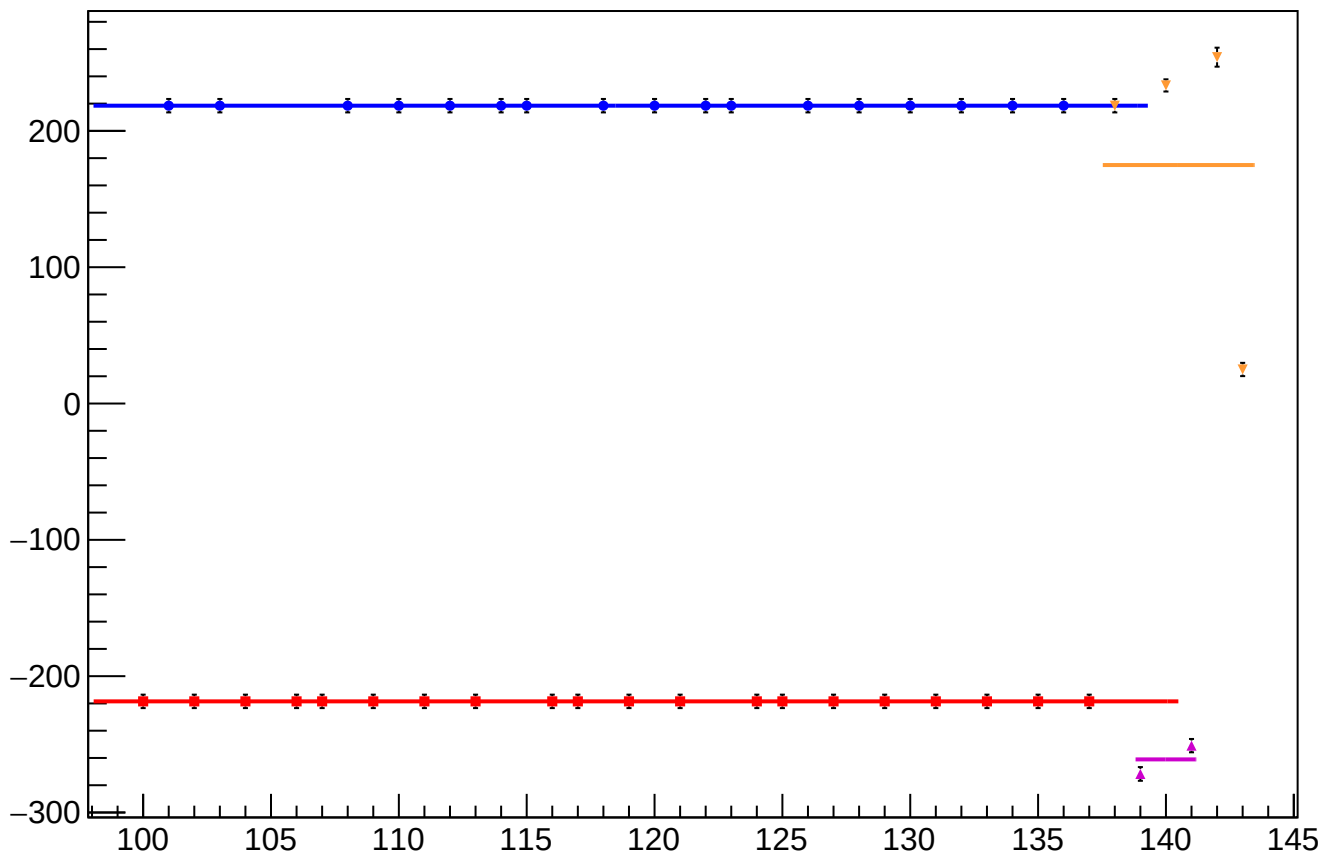
Left In: 181.493+/-0.170 $\chi^2/\text{NDF}: 5232.4/1$

-70.062+/-0.055 $\chi^2/\text{NDF}: 1770110.5/20$

-2.099+/-0.040 $\chi^2/\text{NDF}: 6345572.0/42$

69.044+/-0.057 $\chi^2/\text{NDF}: 1501089.2/21$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 218.484 ± 1.199 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 174.944 ± 2.552 $\chi^2/\text{NDF}: 1324.8/3$

Right Out: -218.484 ± 1.105 $\chi^2/\text{NDF}: 0.0/19$

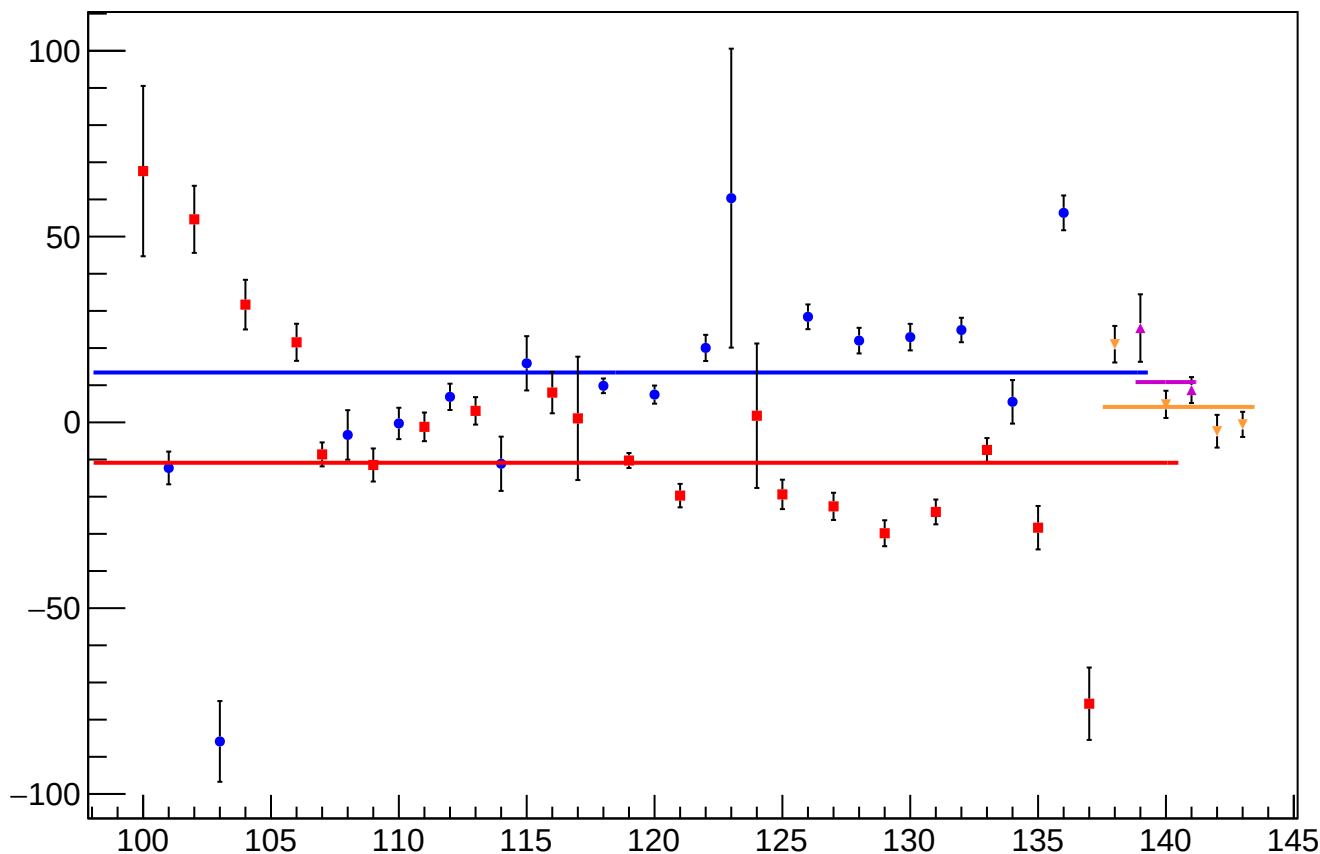
Left In: -261.055 ± 3.510 $\chi^2/\text{NDF}: 8.7/1$

210.612 ± 1.085 $\chi^2/\text{NDF}: 1563.2/20$

-12.094 ± 0.756 $\chi^2/\text{NDF}: 83582.1/42$

-222.325 ± 1.054 $\chi^2/\text{NDF}: 142.5/21$

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: 4.161+/-1.982 χ^2/NDF : 15.9/3

Right Out: -10.871+/-0.915 χ^2/NDF : 303.1/19

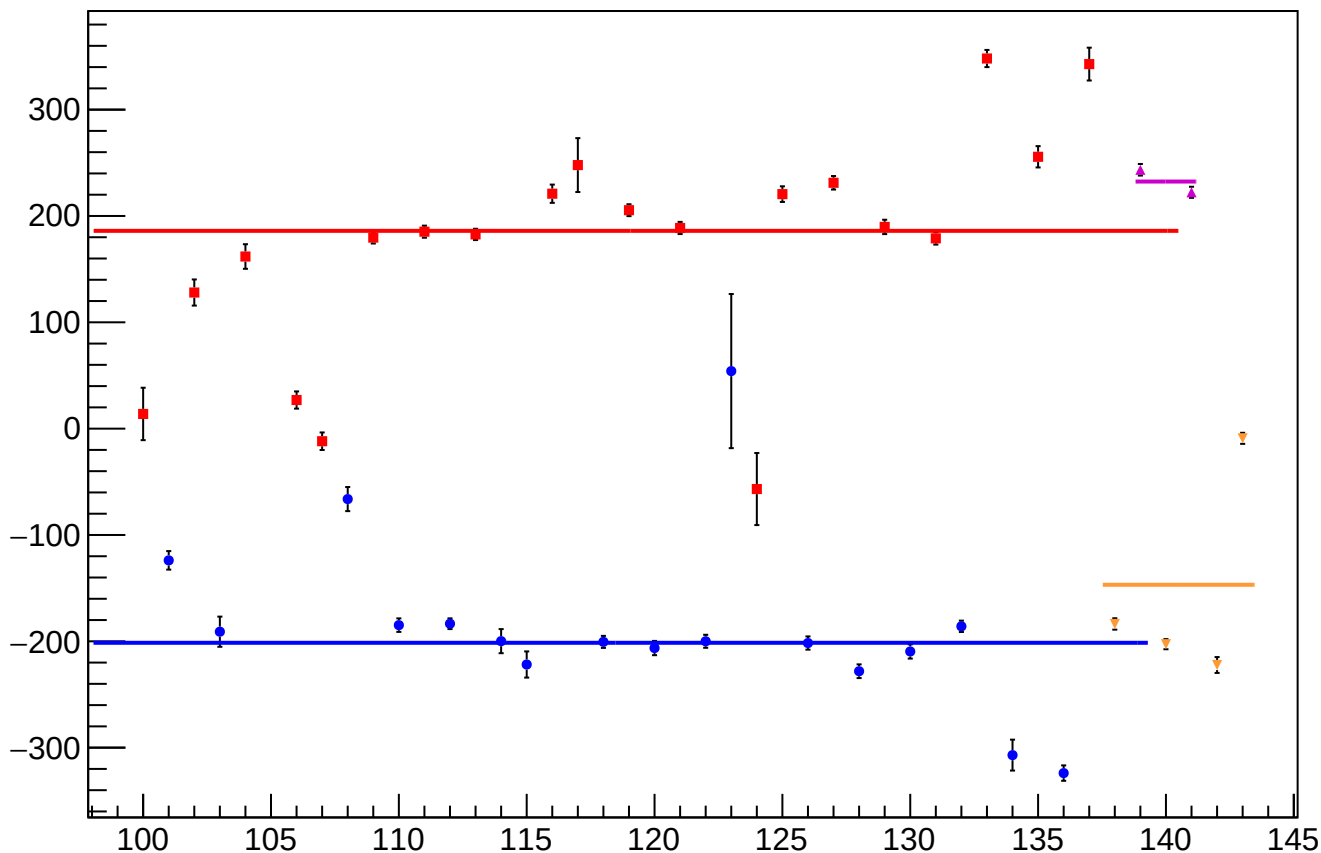
Left In: 10.844+/-3.258 χ^2/NDF : 2.9/1

11.783+/-0.834 χ^2/NDF : 329.1/20

1.820+/-0.606 χ^2/NDF : 978.0/42

-9.285+/-0.881 χ^2/NDF : 347.2/21

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

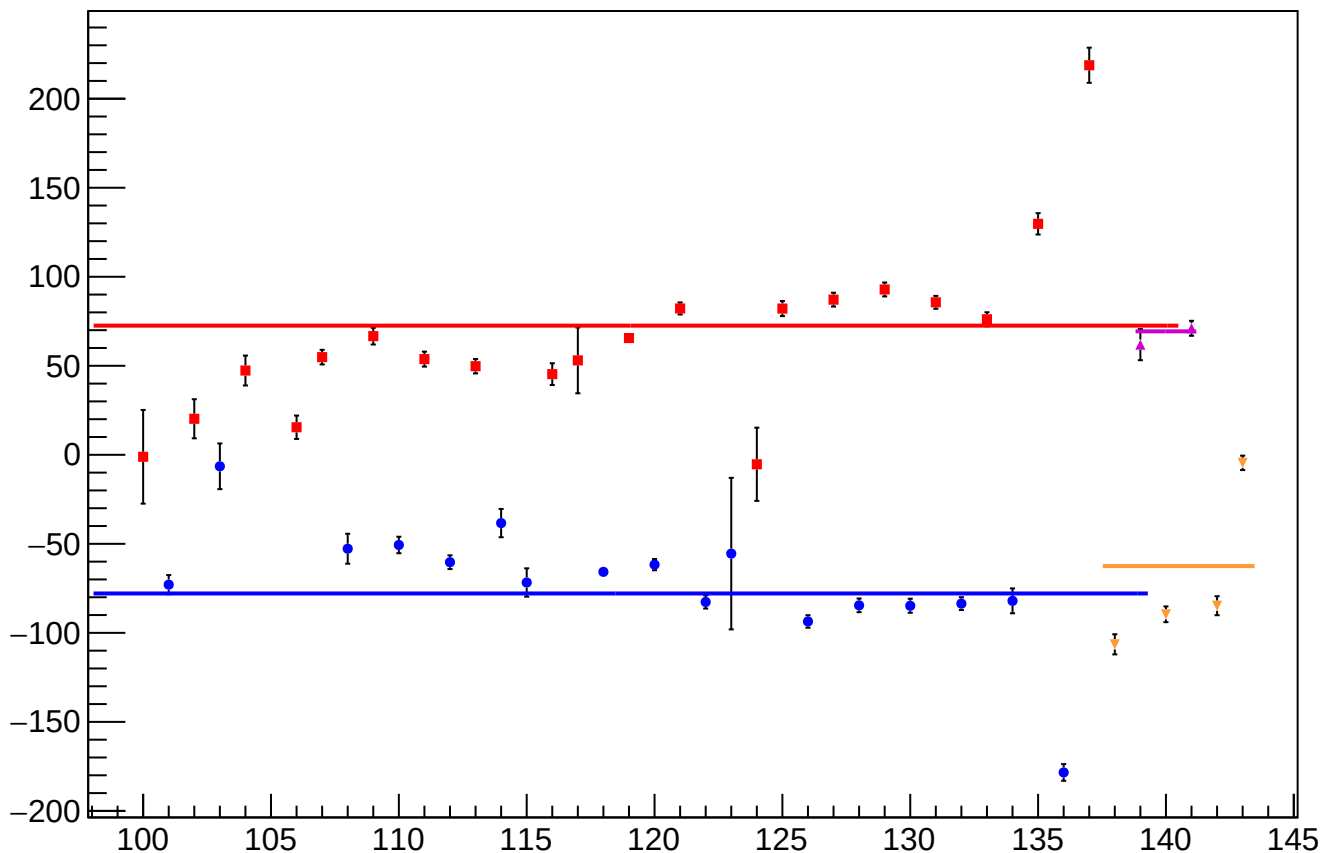
Left In: 232.377 ± 3.764 χ^2/NDF : 7.9/1

-185.154 ± 1.491 χ^2/NDF : 1891.5/20

-2.521 ± 1.074 χ^2/NDF : 34897.4/42

193.841 ± 1.547 χ^2/NDF : 1889.2/21

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

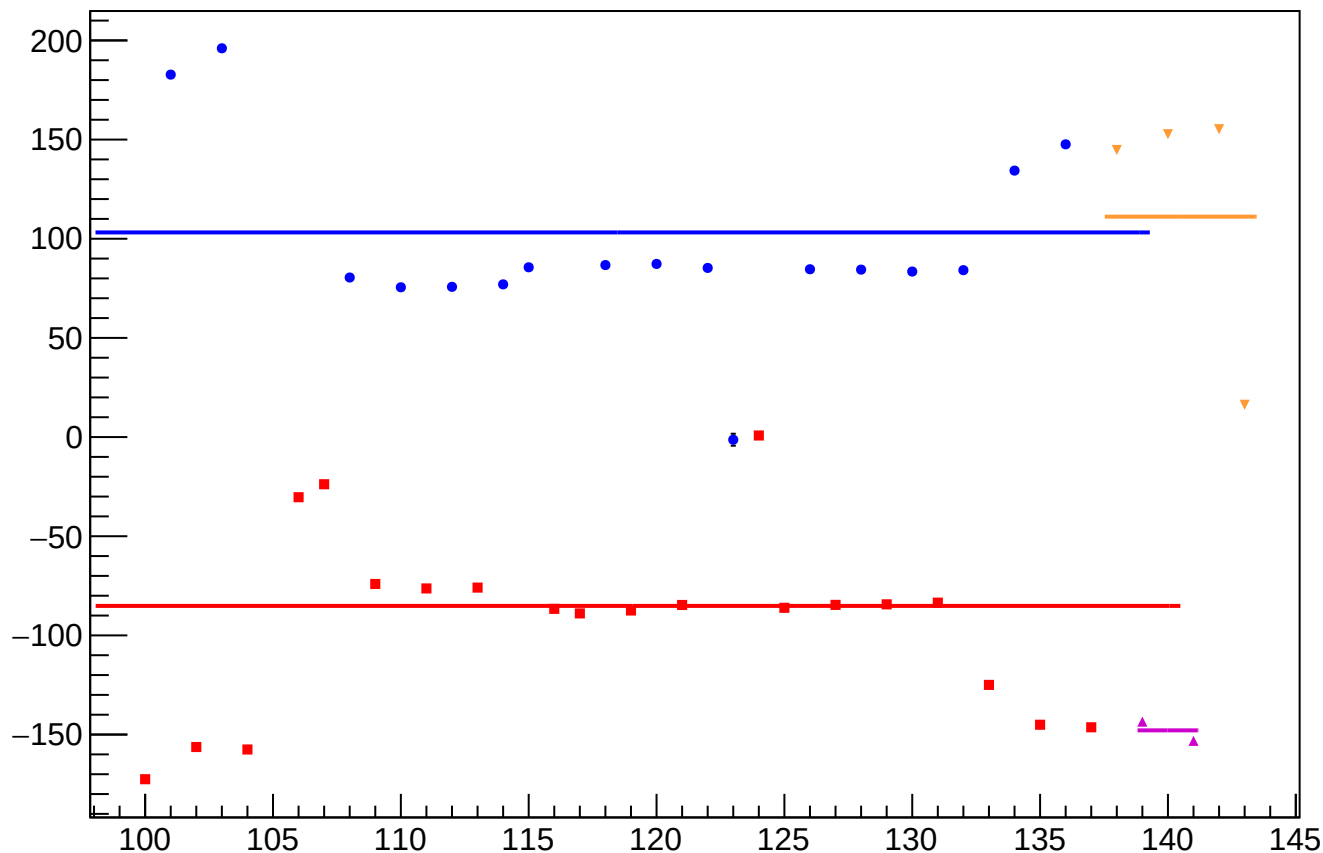
Left In: 69.337 ± 3.788 χ^2/NDF : 0.9/1

-75.282 ± 0.972 χ^2/NDF : 1014.1/20

-4.612 ± 0.701 χ^2/NDF : 12673.1/42

72.318 ± 1.014 χ^2/NDF : 609.6/21

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

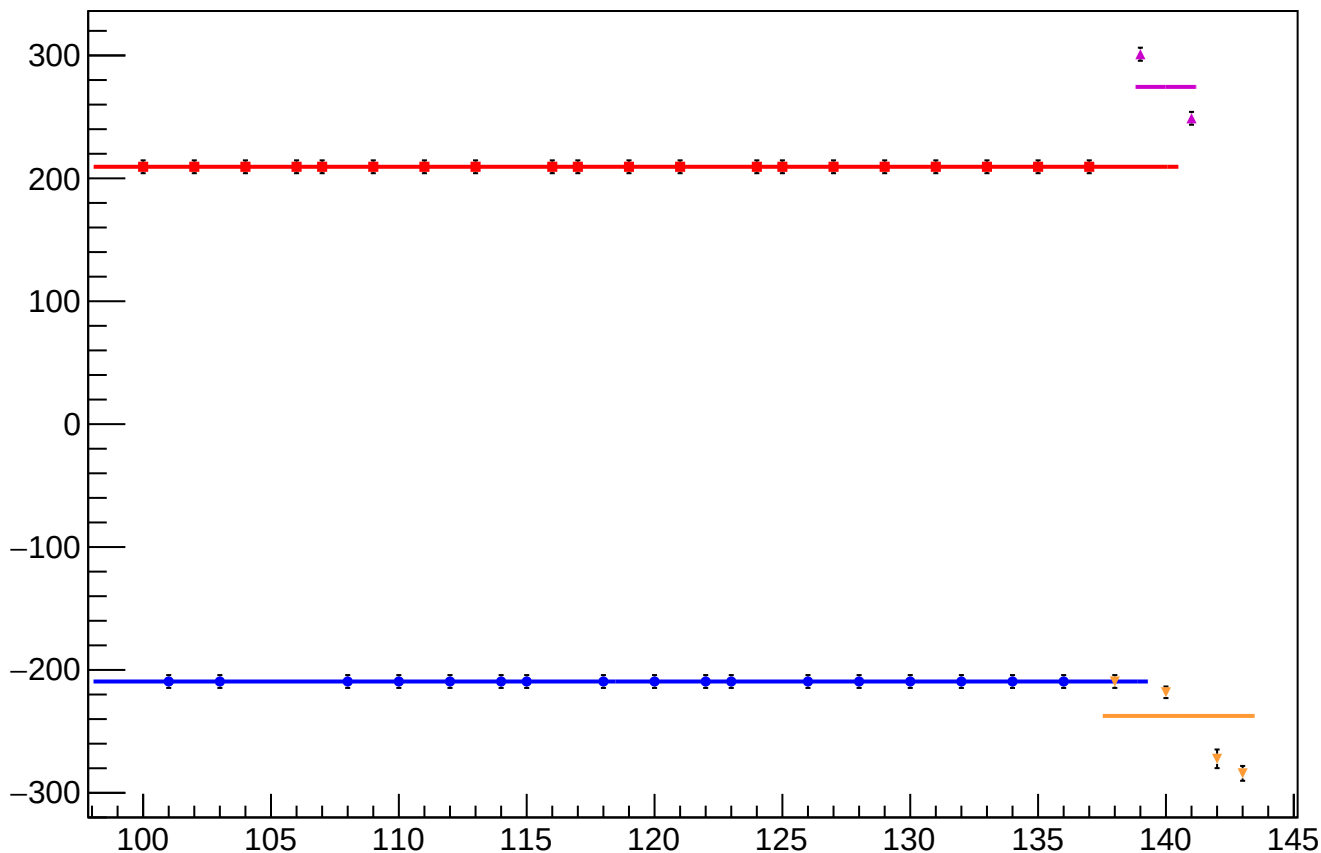
Left In: -147.884 $\pm$ 0.142 χ^2/NDF : 1150.6/1

105.433 $\pm$ 0.060 χ^2/NDF : 571852.0/20

2.322 $\pm$ 0.042 χ^2/NDF : 6997462.6/42

-95.614 $\pm$ 0.058 χ^2/NDF : 587144.6/21

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -209.411 ± 1.271 χ^2/NDF : 0.0/16

Left Out: -237.415 ± 2.819 χ^2/NDF : 125.9/3

Right Out: 209.411 ± 1.172 χ^2/NDF : 0.0/19

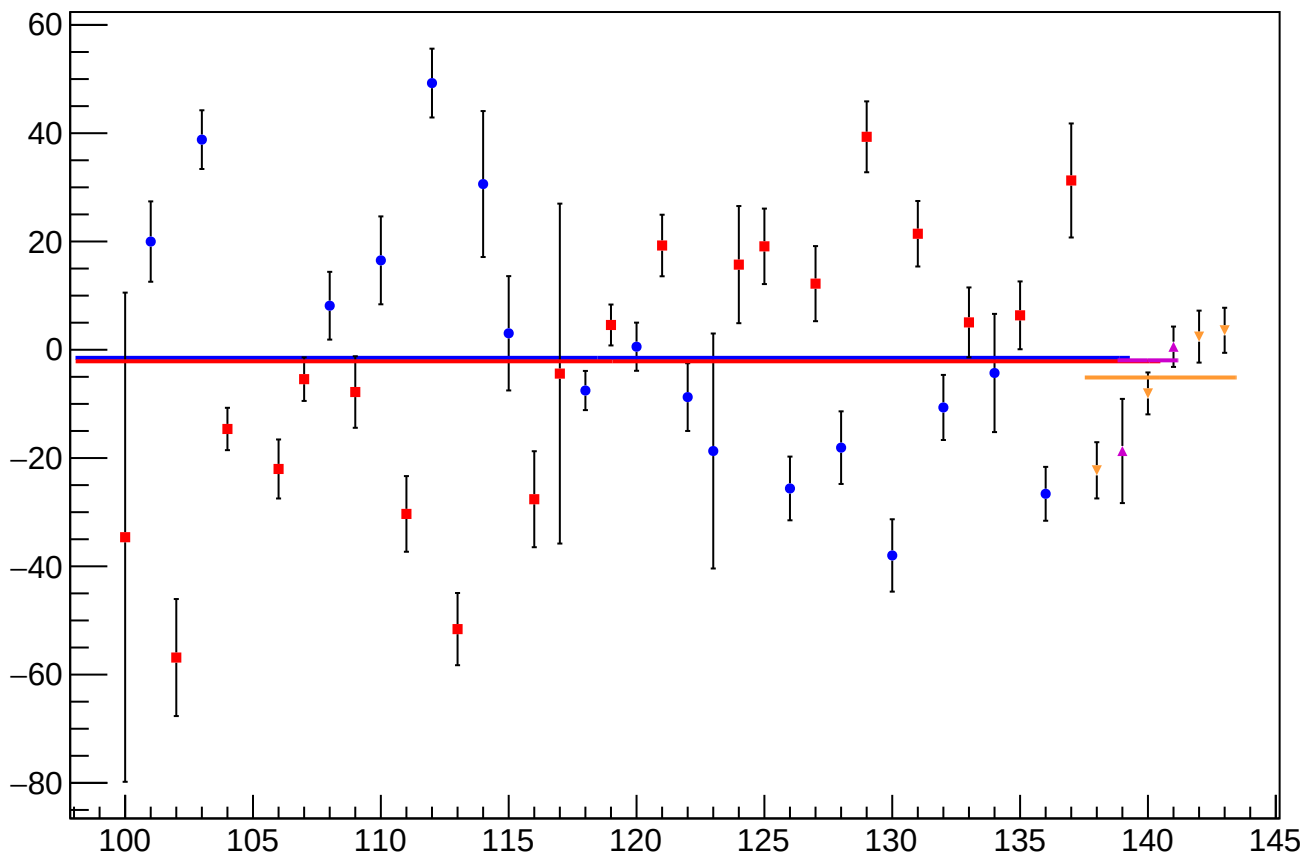
Left In: 274.416 ± 3.735 χ^2/NDF : 48.7/1

-214.141 ± 1.158 χ^2/NDF : 207.9/20

8.205 ± 0.804 χ^2/NDF : 71673.8/42

215.234 ± 1.118 χ^2/NDF : 324.5/21

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

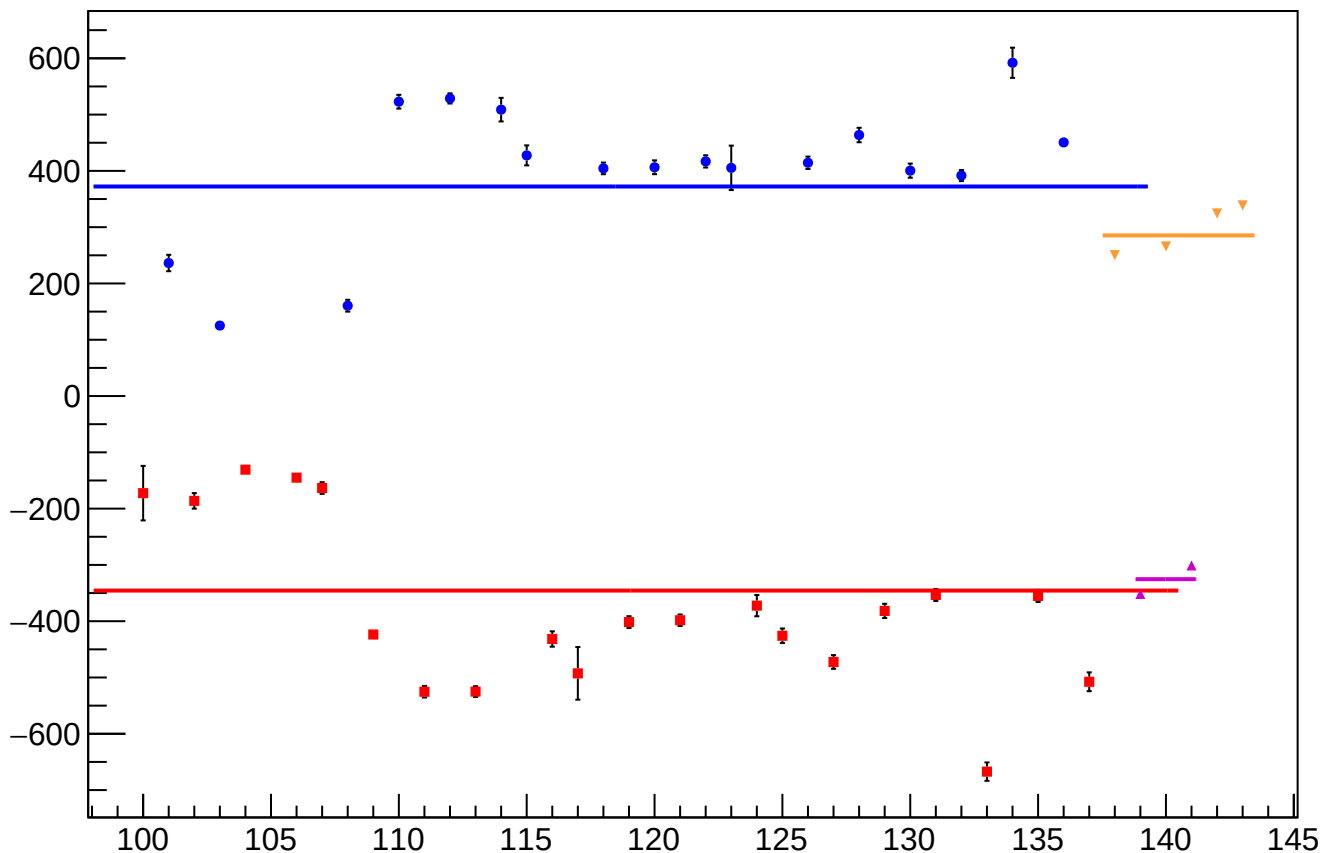
Left In: -1.955 ± 3.476 χ^2/NDF : 3.5/1

-2.652 ± 1.248 χ^2/NDF : 246.3/20

-2.390 ± 0.900 χ^2/NDF : 482.5/42

-2.106 ± 1.299 χ^2/NDF : 236.1/21

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 372.263 ± 2.759 $\chi^2/\text{NDF}: 2433.1/16$

Left Out: 285.432 ± 3.020 $\chi^2/\text{NDF}: 144.4/3$

Right Out: -345.577 ± 2.558 $\chi^2/\text{NDF}: 3426.4/19$

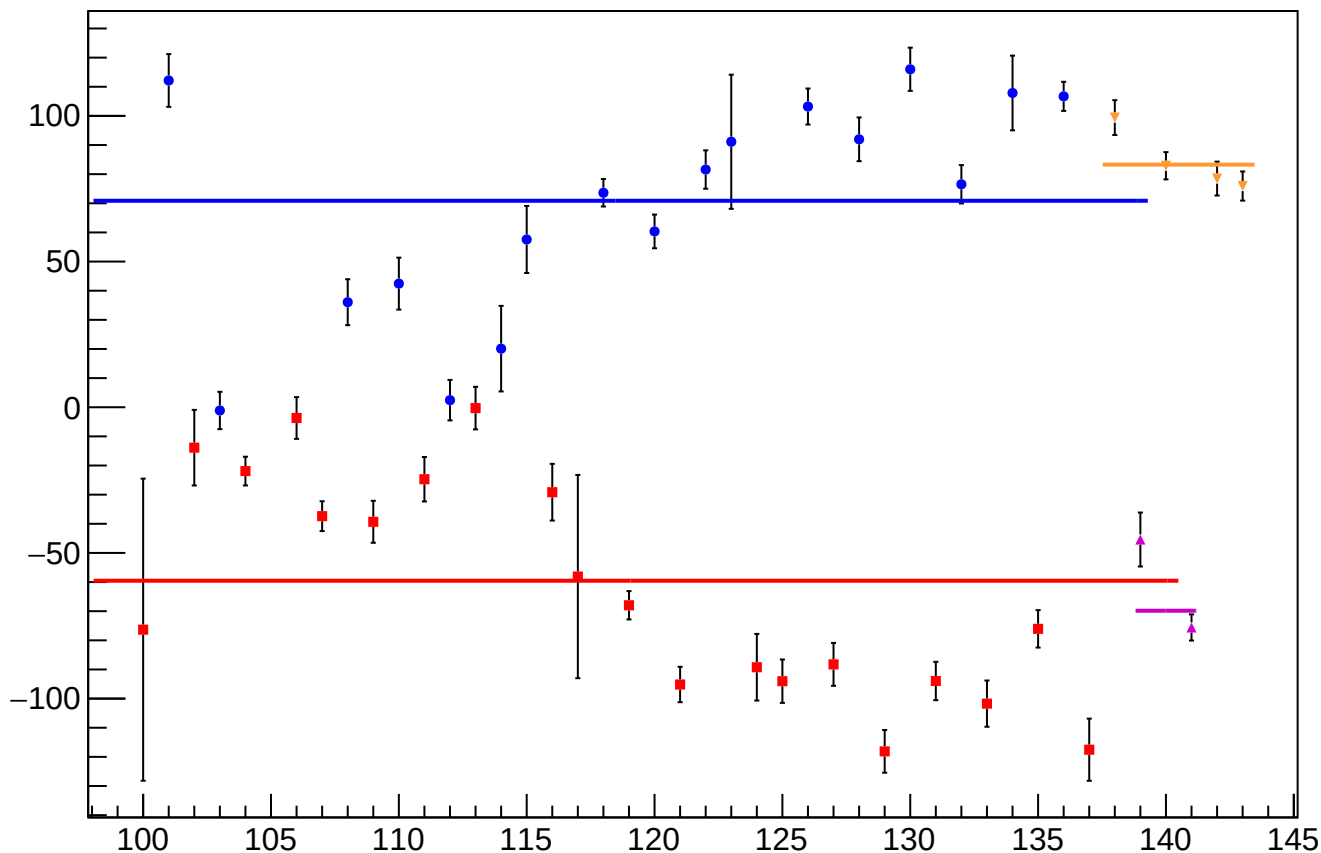
Left In: -325.318 ± 4.005 $\chi^2/\text{NDF}: 39.9/1$

332.758 ± 2.037 $\chi^2/\text{NDF}: 3028.0/20$

15.569 ± 1.481 $\chi^2/\text{NDF}: 57907.0/42$

-339.707 ± 2.156 $\chi^2/\text{NDF}: 3484.5/21$

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

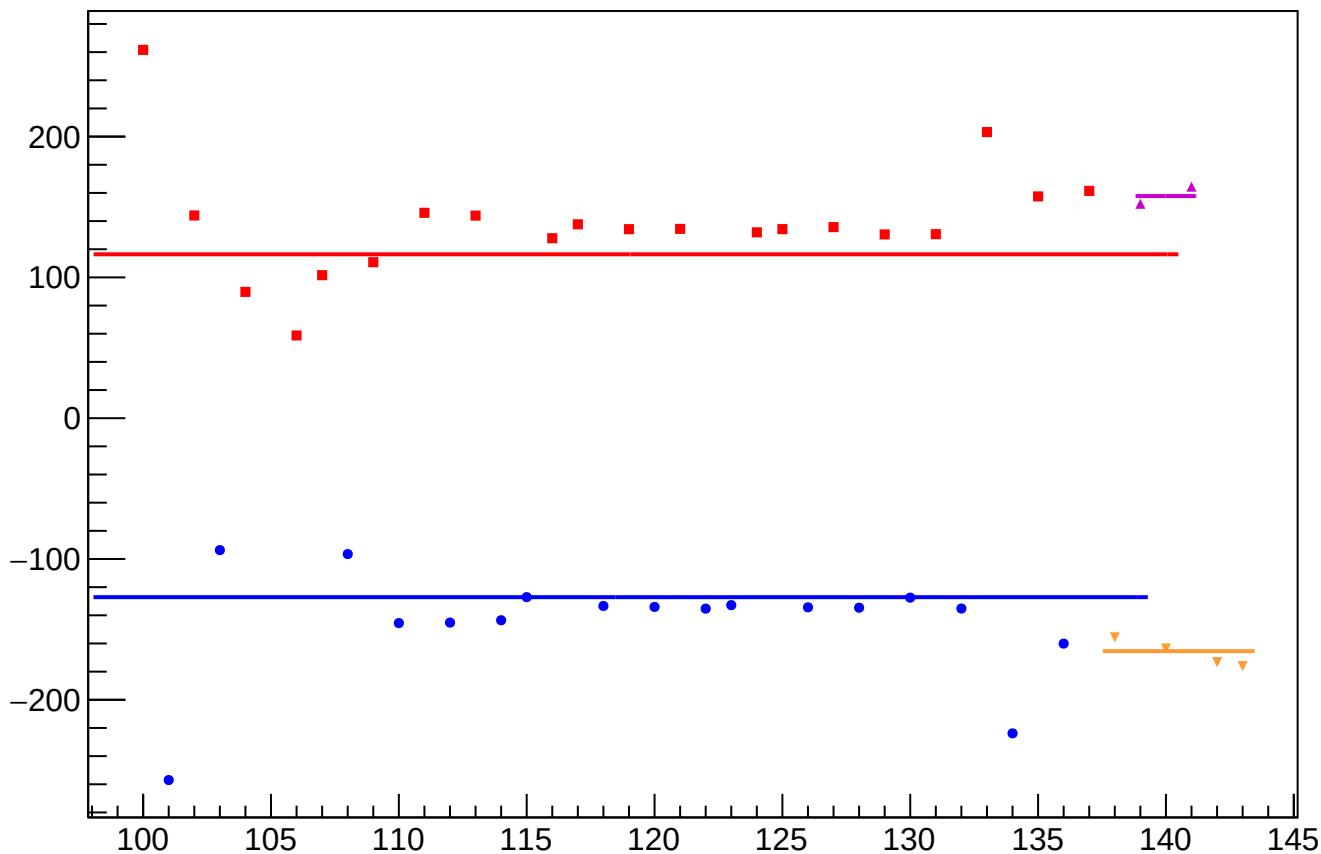
Left In: -69.842 $\pm$ 4.039 χ^2 /NDF:8.6/1

74.629 $\pm$ 1.455 χ^2 /NDF: 452.5/20

9.465 $\pm$ 1.048 χ^2 /NDF: 5133.7/42

-60.987 $\pm$ 1.513 χ^2 /NDF: 505.1/21

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

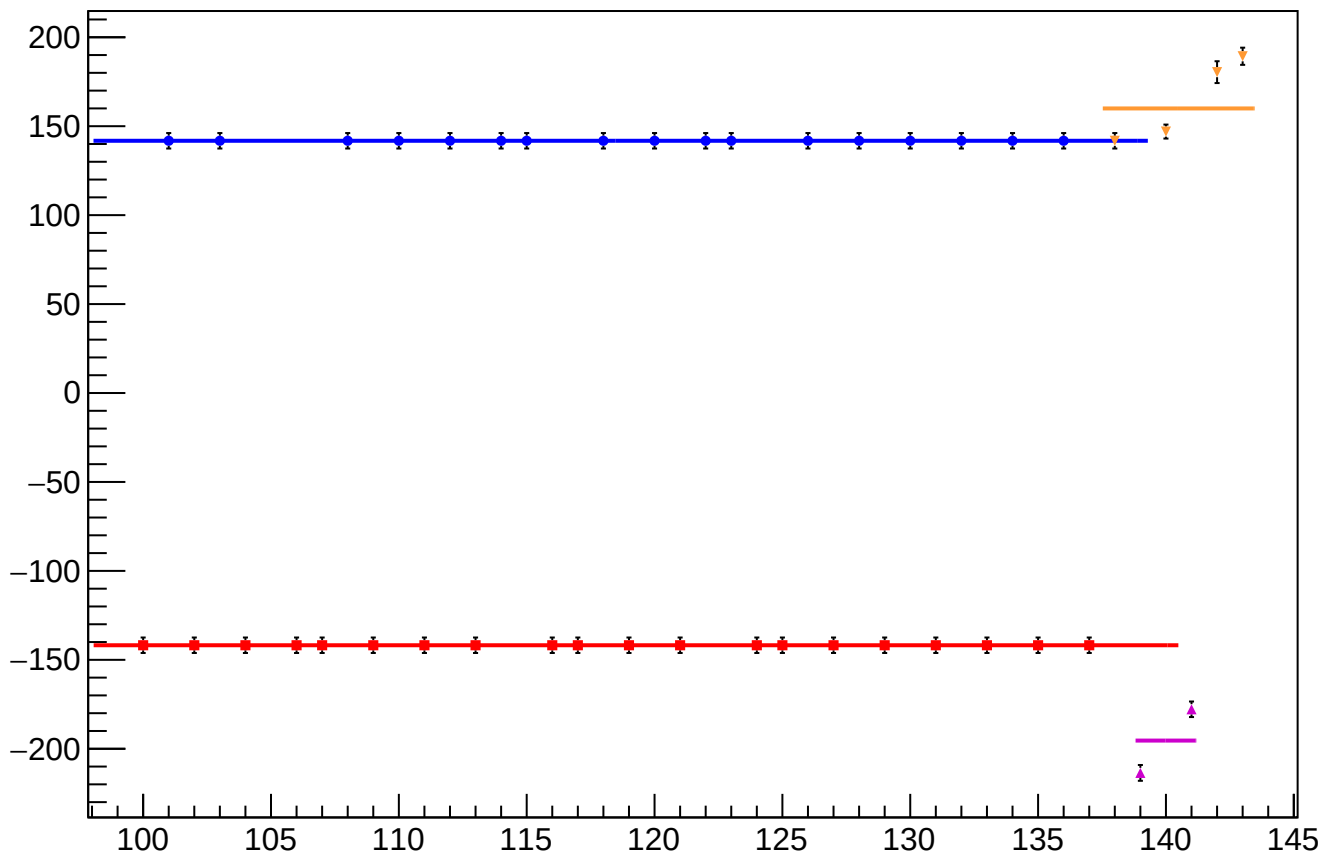
Left In: 157.770+/-0.151 χ^2/NDF : 1604.2/1

-140.147+/-0.073 χ^2/NDF : 233791.3/20

-7.110+/-0.051 χ^2/NDF : 7169743.1/42

125.966+/-0.073 χ^2/NDF : 226929.1/21

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 141.803 $\pm$ 1.055 χ^2/NDF : 0.0/16

Left Out: 159.981 $\pm$ 2.312 χ^2/NDF : 76.4/3

Right Out: -141.803 $\pm$ 0.973 χ^2/NDF : 0.0/19

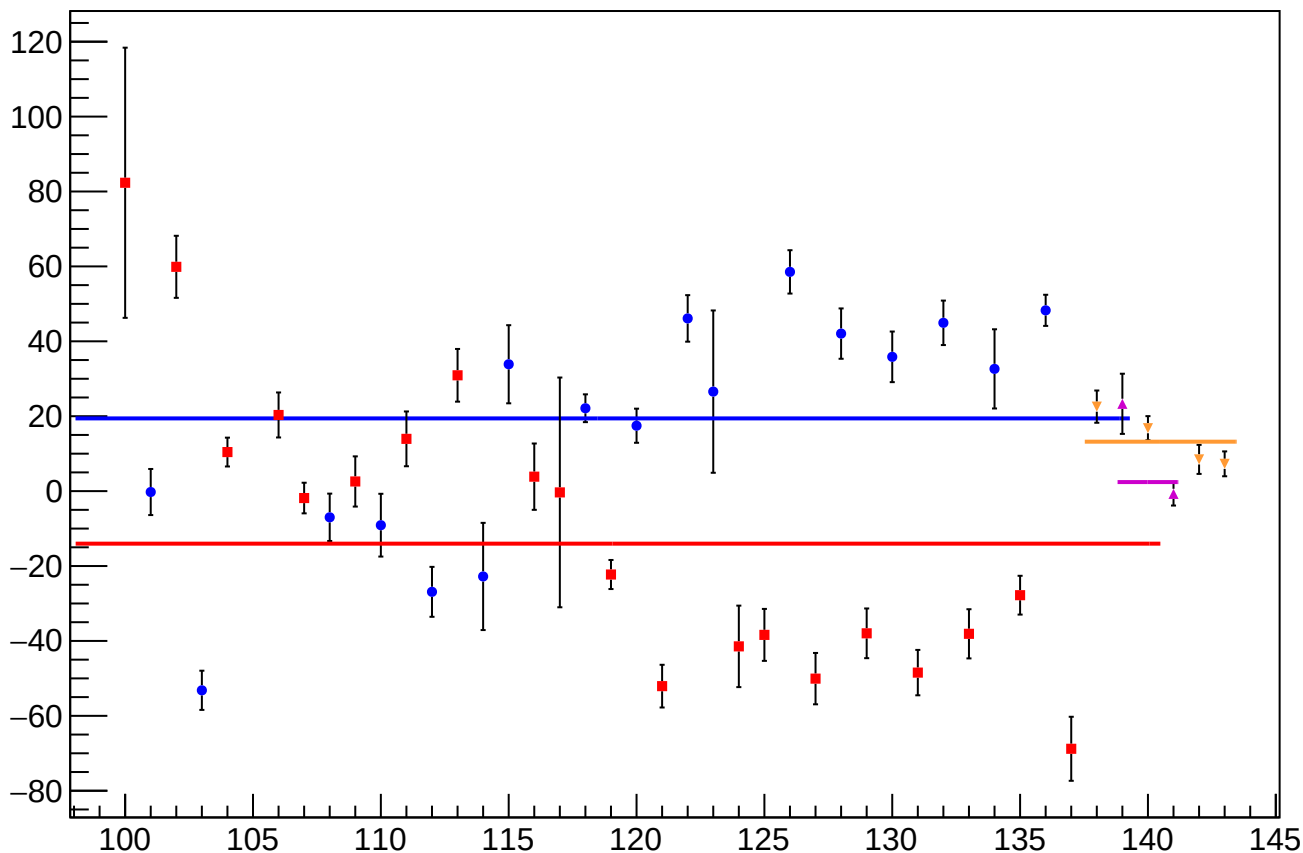
Left In: -195.394 $\pm$ 3.116 χ^2/NDF : 32.9/1

144.937 $\pm$ 0.960 χ^2/NDF : 127.5/20

-5.644 $\pm$ 0.668 χ^2/NDF : 48044.5/42

-146.563 $\pm$ 0.929 χ^2/NDF : 302.3/21

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 $\chi^2/\text{NDF}: 436.7/19$

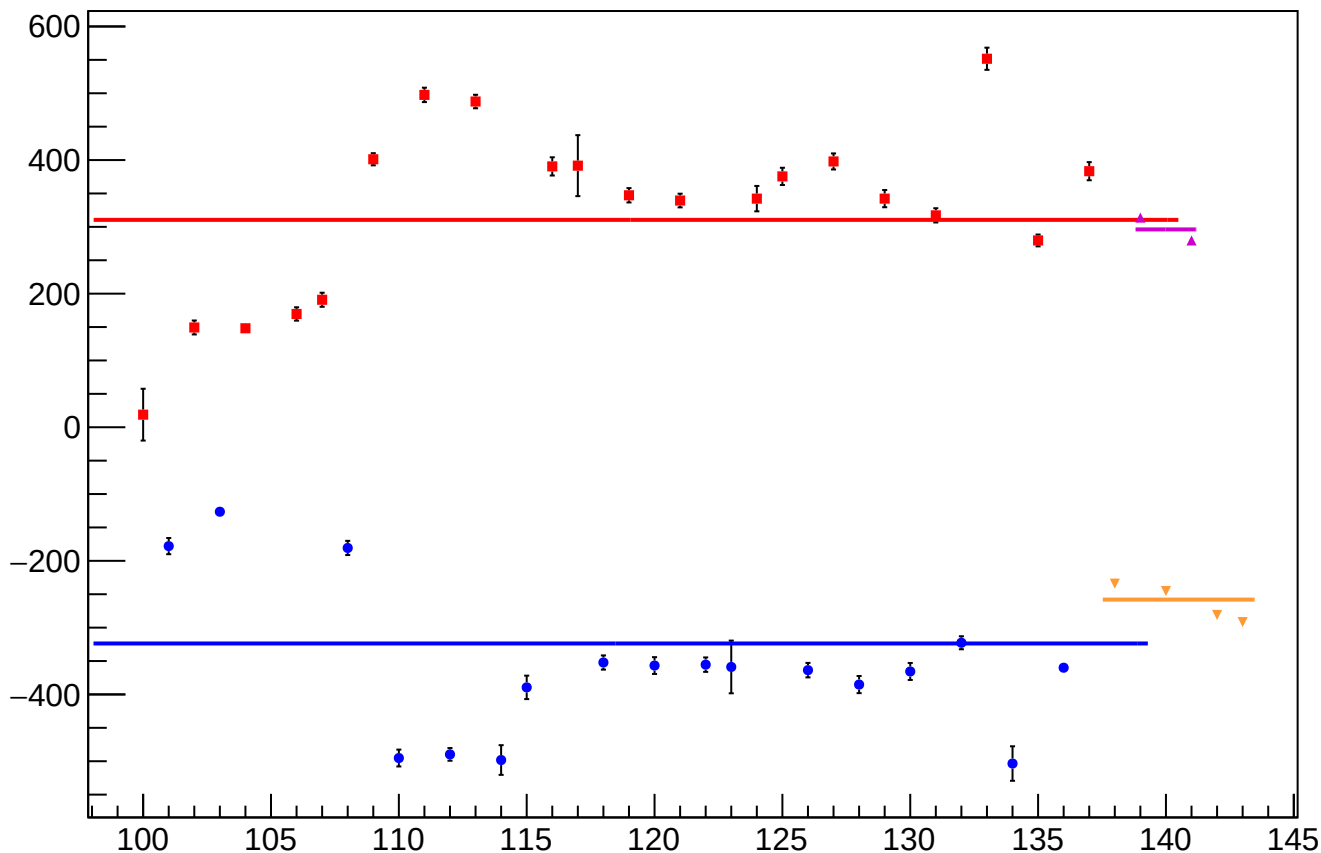
Left In: 2.416 ± 2.906 $\chi^2/\text{NDF}: 7.8/1$

16.916 ± 1.144 $\chi^2/\text{NDF}: 458.8/20$

4.257 ± 0.845 $\chi^2/\text{NDF}: 1199.1/42$

-10.964 ± 1.254 $\chi^2/\text{NDF}: 470.6/21$

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

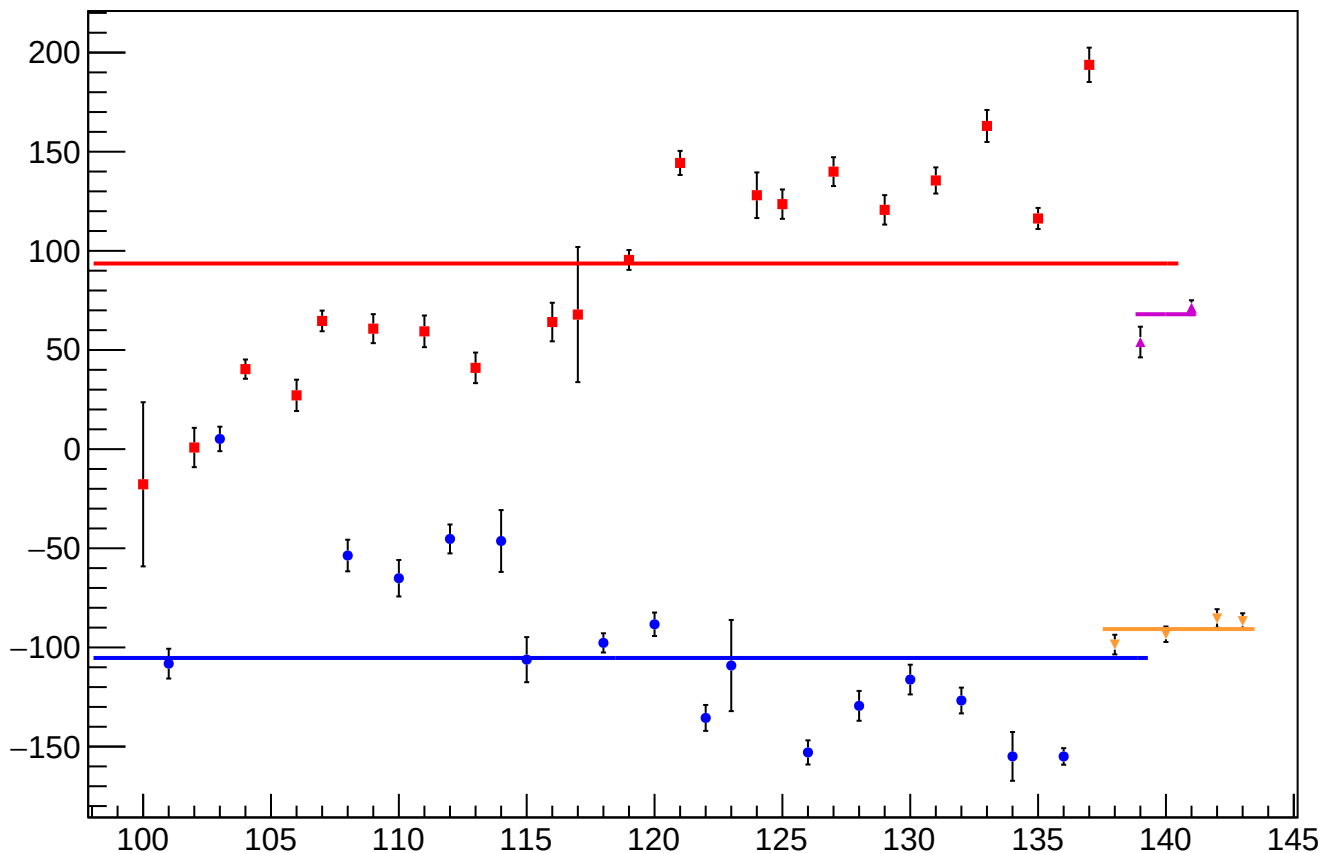
Left In: 296.170 ± 3.342 χ^2/NDF : 26.1/1

-288.449 ± 1.816 χ^2/NDF : 2266.2/20

-21.913 ± 1.348 χ^2/NDF : 52617.1/42

305.290 ± 2.012 χ^2/NDF : 2340.9/21

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

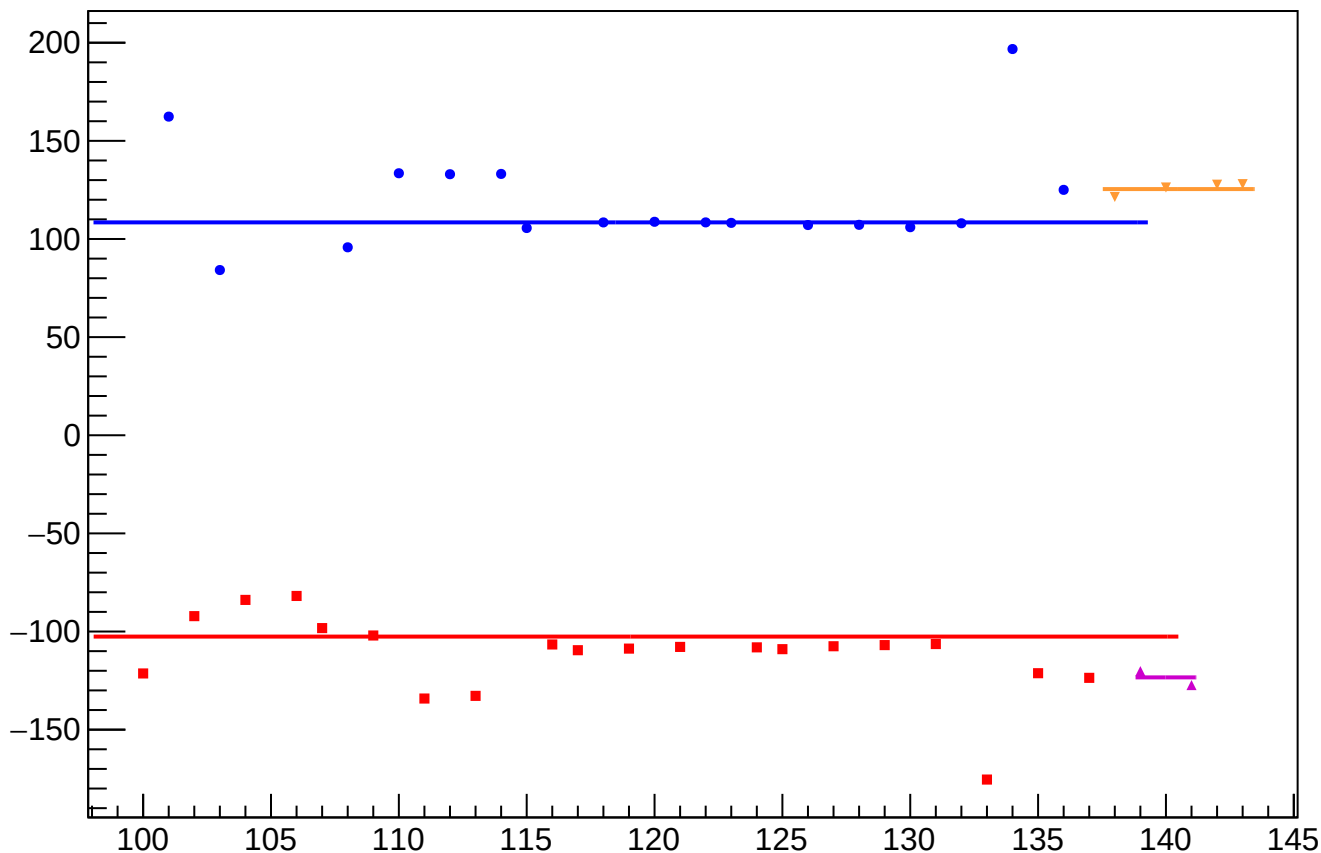
Left In: 68.041+/-3.376 χ^2/NDF : 4.1/1

-99.751+/-1.332 χ^2/NDF : 771.0/20

-13.628+/-0.982 χ^2/NDF : 10807.7/42

88.884+/-1.453 χ^2/NDF : 877.9/21

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.461 ± 0.085 $\chi^2/\text{NDF}: 73302.1/16$

Left Out: 125.428 ± 0.102 $\chi^2/\text{NDF}: 700.4/3$

Right Out: -102.580 ± 0.079 $\chi^2/\text{NDF}: 53154.7/19$

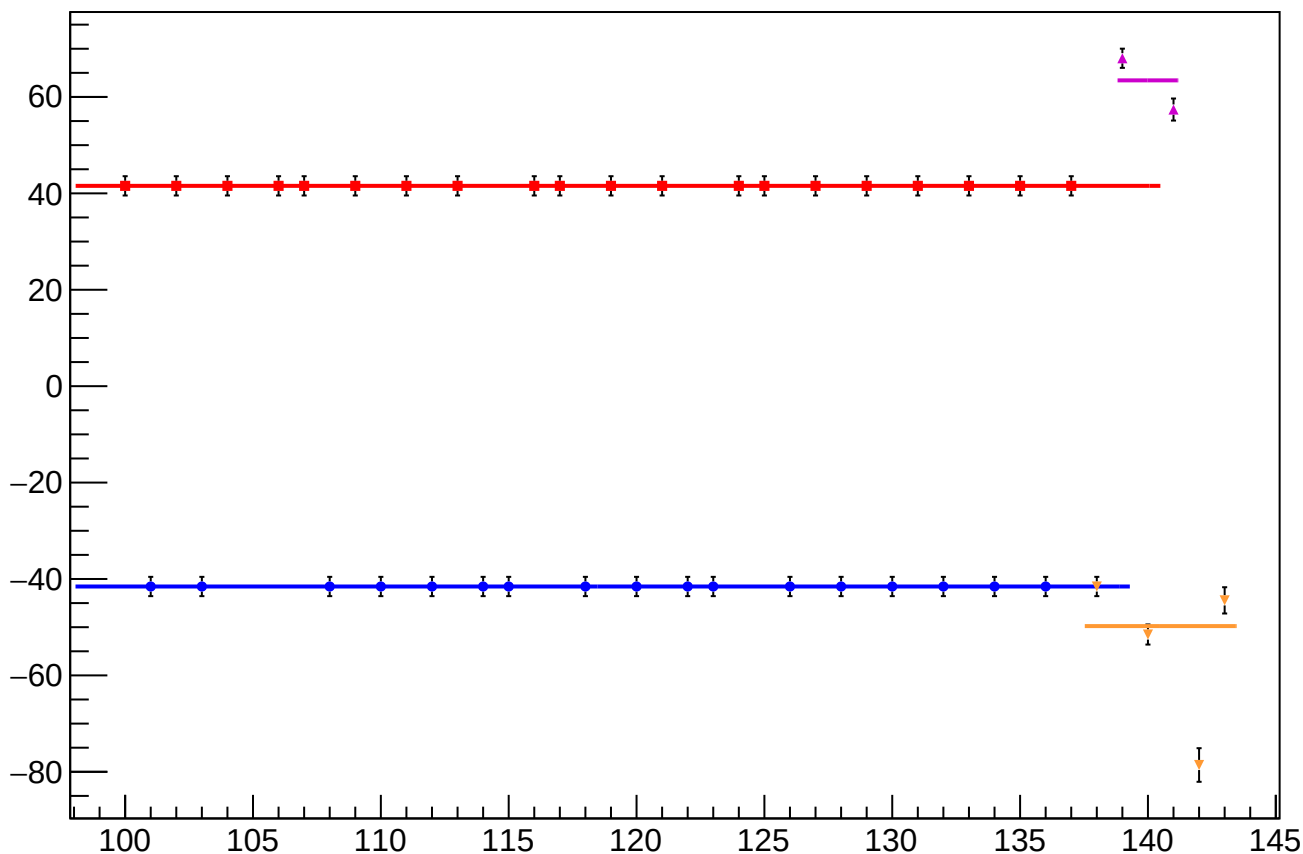
Left In: -123.367 ± 0.126 $\chi^2/\text{NDF}: 784.7/1$

115.384 ± 0.065 $\chi^2/\text{NDF}: 90368.6/20$

6.867 ± 0.047 $\chi^2/\text{NDF}: 588110.5/42$

-108.477 ± 0.067 $\chi^2/\text{NDF}: 73382.3/21$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.558 ± 0.485 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -49.772 ± 1.198 $\chi^2/\text{NDF}: 89.7/3$

Right Out: 41.558 ± 0.447 $\chi^2/\text{NDF}: 0.0/19$

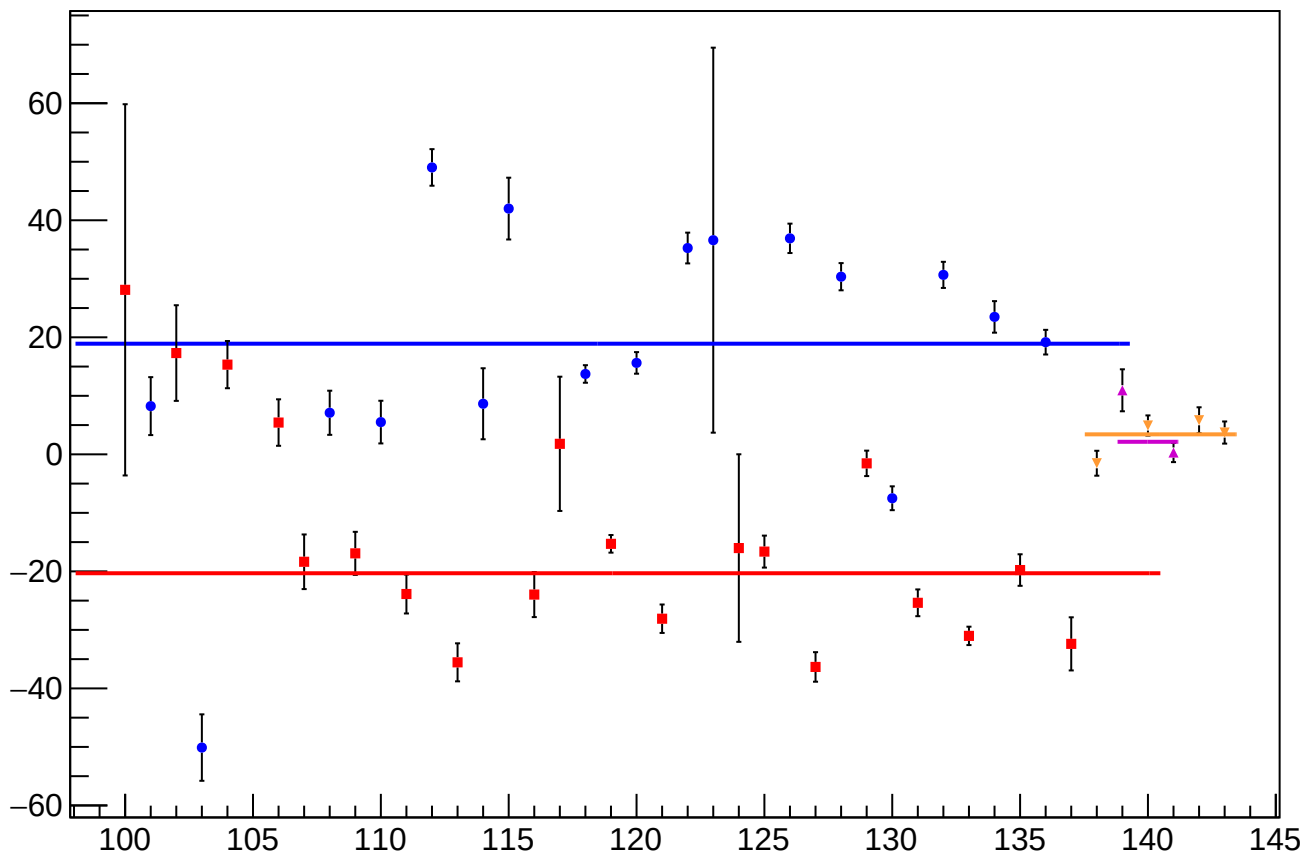
Left In: 63.440 ± 1.501 $\chi^2/\text{NDF}: 12.3/1$

-42.715 ± 0.450 $\chi^2/\text{NDF}: 130.1/20$

2.372 ± 0.310 $\chi^2/\text{NDF}: 19517.5/42$

43.342 ± 0.429 $\chi^2/\text{NDF}: 207.4/21$

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

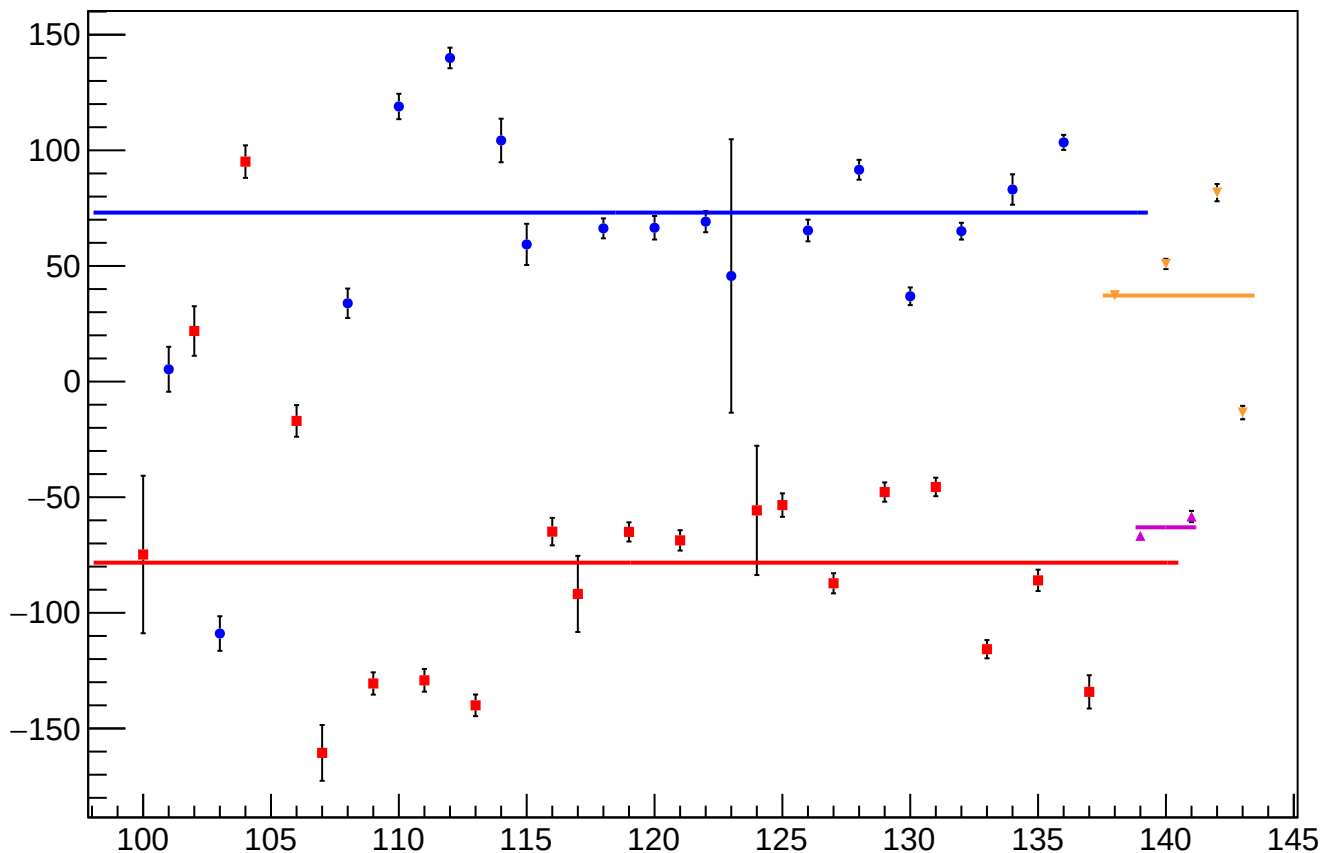
Left In: 2.143+/-1.490 χ^2/NDF : 7.3/1

14.240+/-0.538 χ^2/NDF : 800.8/20

0.156+/-0.398 χ^2/NDF : 2879.1/42

-16.795+/-0.590 χ^2/NDF : 567.9/21

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.071 ± 1.228 $\chi^2/\text{NDF}: 1200.0/16$

Left Out: 37.214 ± 1.286 $\chi^2/\text{NDF}: 483.0/3$

Right Out: -78.316 ± 1.219 $\chi^2/\text{NDF}: 1543.3/19$

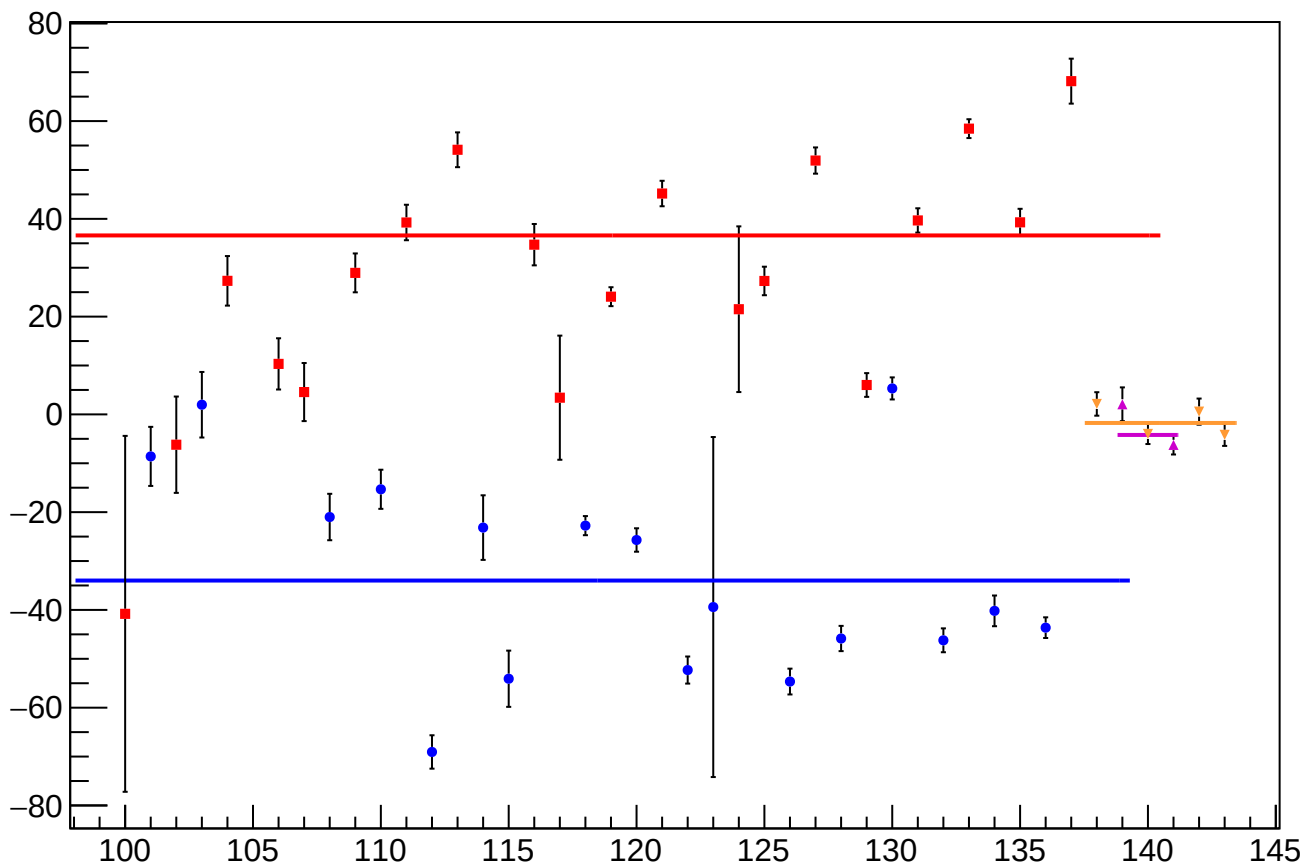
Left In: -63.028 ± 1.613 $\chi^2/\text{NDF}: 6.6/1$

55.971 ± 0.888 $\chi^2/\text{NDF}: 2089.7/20$

-2.555 ± 0.656 $\chi^2/\text{NDF}: 13250.2/42$

-72.757 ± 0.973 $\chi^2/\text{NDF}: 1607.1/21$

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

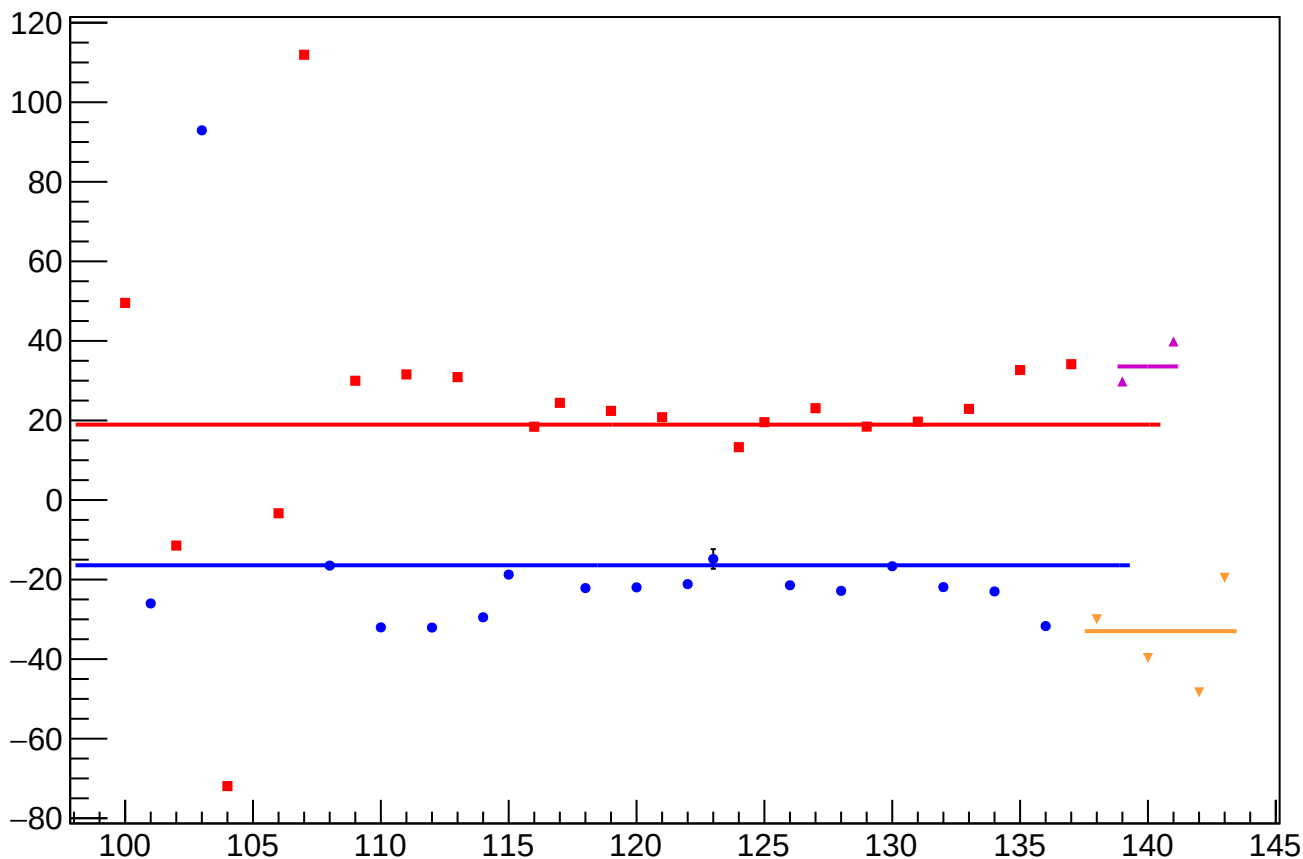
Left In: -4.206+/-1.708 χ^2/NDF : 4.4/1

-24.739+/-0.622 χ^2/NDF : 1275.7/20

0.464+/-0.457 χ^2/NDF : 5895.2/42

30.225+/-0.676 χ^2/NDF : 1035.6/21

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

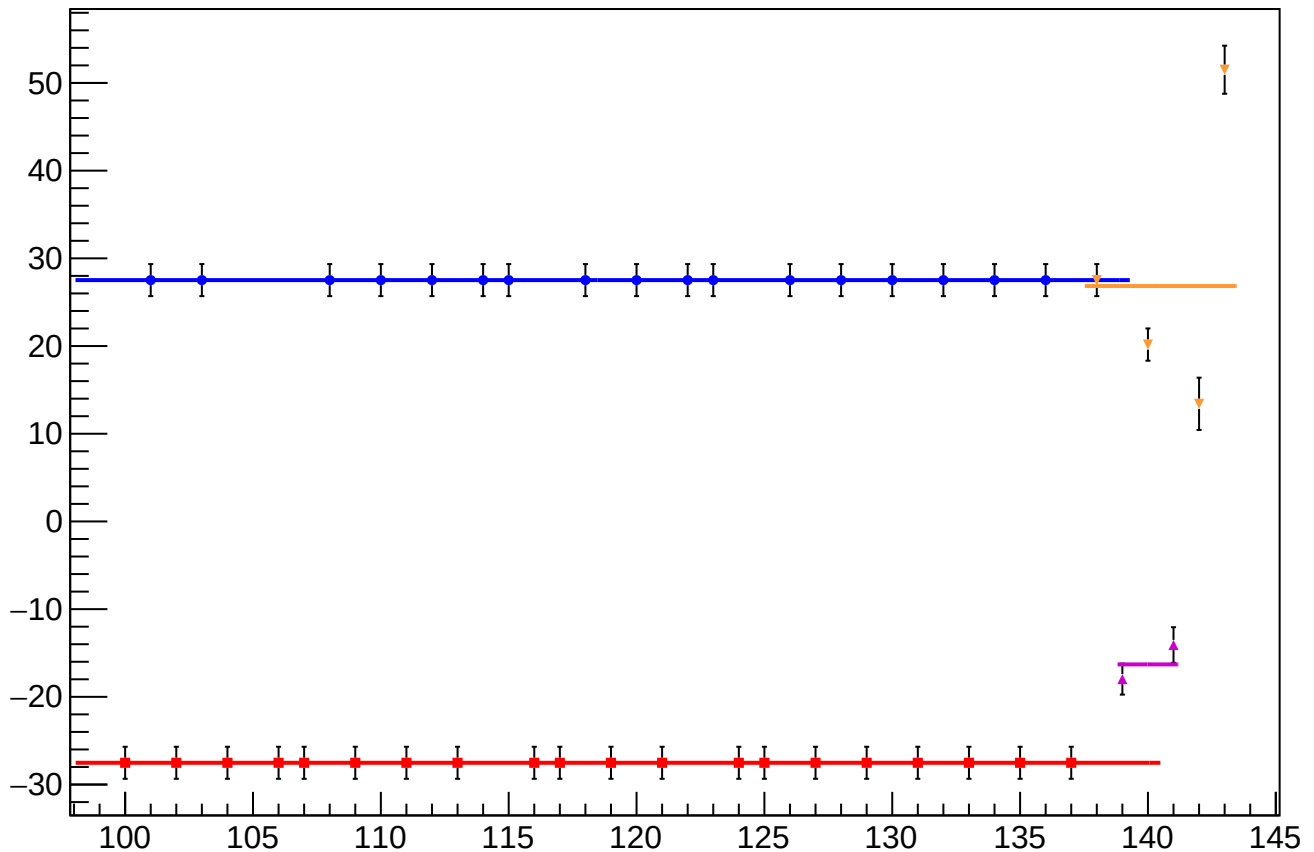
Left In: 33.579 $\pm$ 0.060 χ^2 /NDF: 6579.0/1

-23.342 $\pm$ 0.034 χ^2 /NDF: 562534.2/20

-1.057 $\pm$ 0.025 χ^2 /NDF: 1965958.2/42

24.242 $\pm$ 0.036 χ^2 /NDF: 478712.2/21

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 27.518 $\pm$ 0.443 χ^2 /NDF: 0.0/16

Left Out: 26.845 $\pm$ 1.091 χ^2 /NDF:114.6/3

Right Out: -27.518 $\pm$ 0.408 χ^2 /NDF: 0.0/19

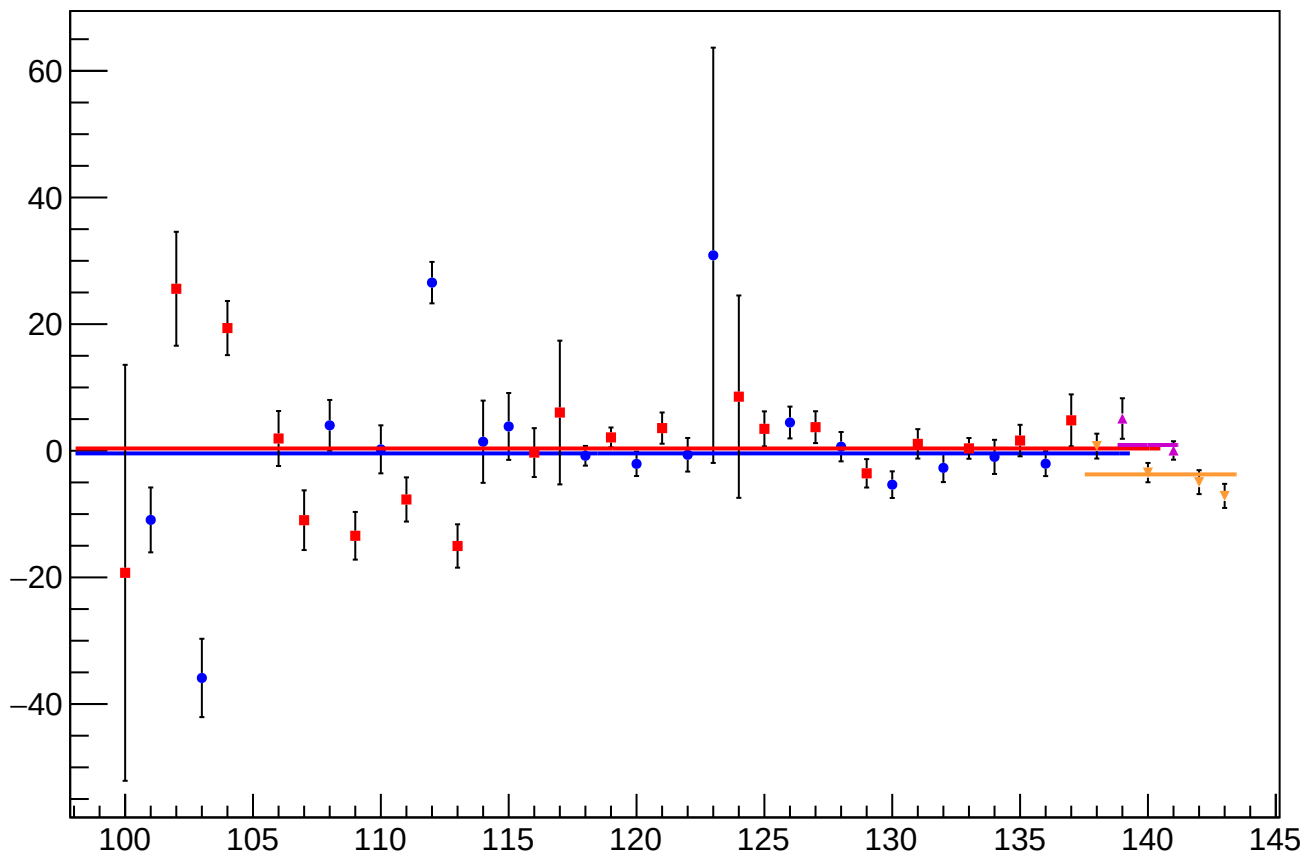
Left In: -16.300 $\pm$ 1.332 χ^2 /NDF:2.1/1

27.423 $\pm$ 0.410 χ^2 /NDF: 114.9/20

-0.909 $\pm$ 0.283 χ^2 /NDF: 9259.8/42

-26.555 $\pm$ 0.390 χ^2 /NDF: 66.9/21

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

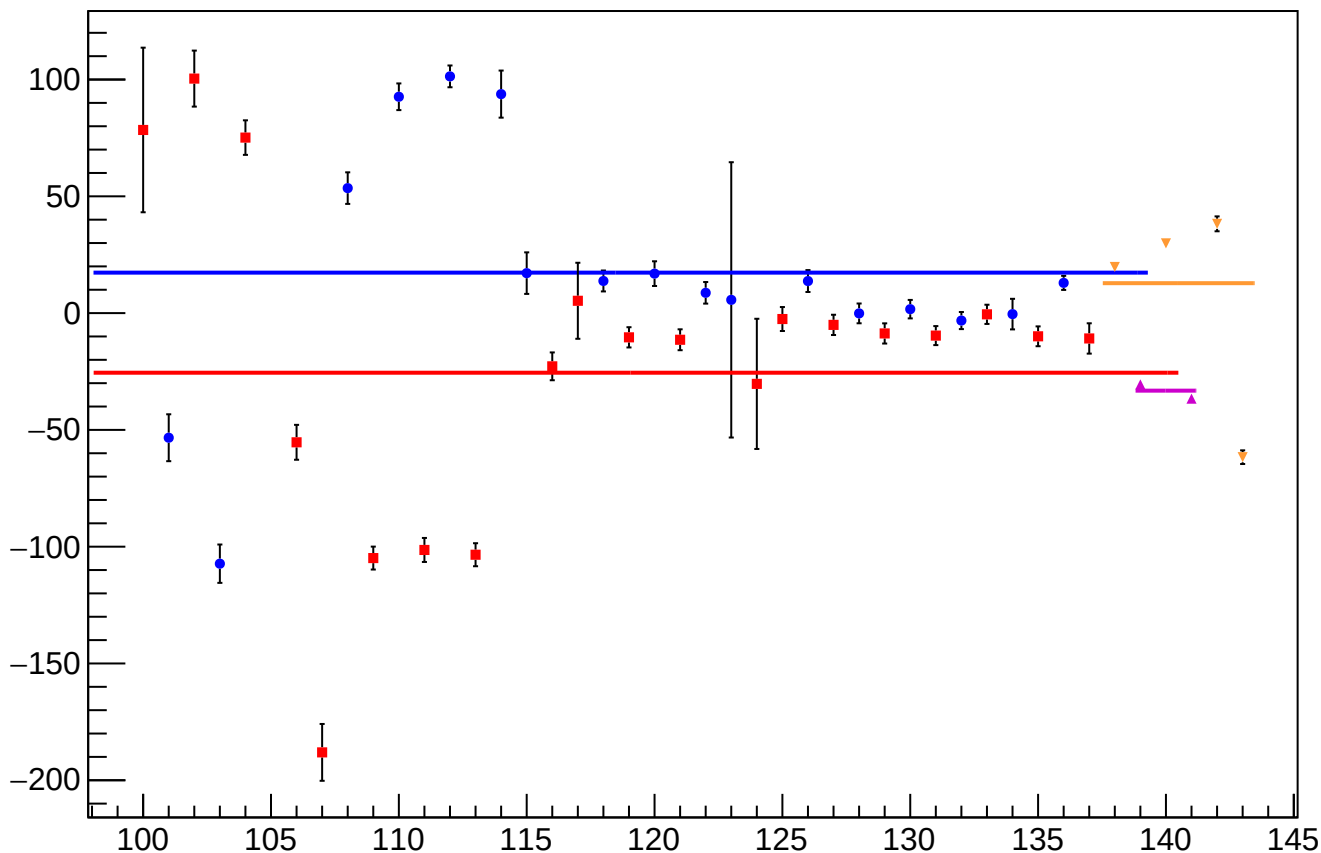
Left In: 0.911 ± 1.326 χ^2/NDF : 2.1/1

-1.565 ± 0.528 χ^2/NDF : 137.7/20

-0.658 ± 0.393 χ^2/NDF : 230.5/42

0.469 ± 0.588 χ^2/NDF : 86.2/21

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 $\chi^2/\text{NDF}: 1382.7/19$

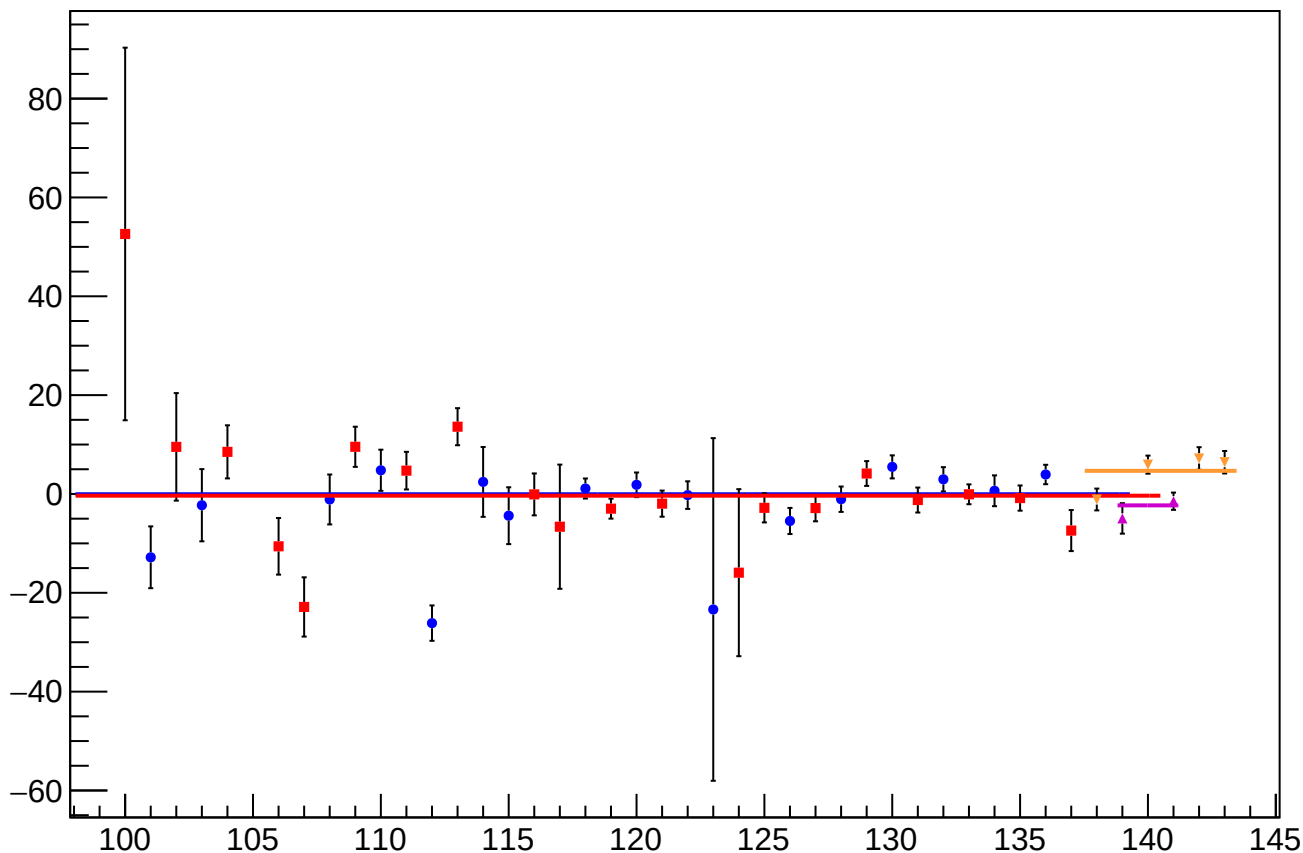
Left In: -33.199 ± 1.431 $\chi^2/\text{NDF}: 4.5/1$

14.944 ± 0.851 $\chi^2/\text{NDF}: 1749.3/20$

-4.837 ± 0.630 $\chi^2/\text{NDF}: 4348.7/42$

-28.812 ± 0.937 $\chi^2/\text{NDF}: 1403.7/21$

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

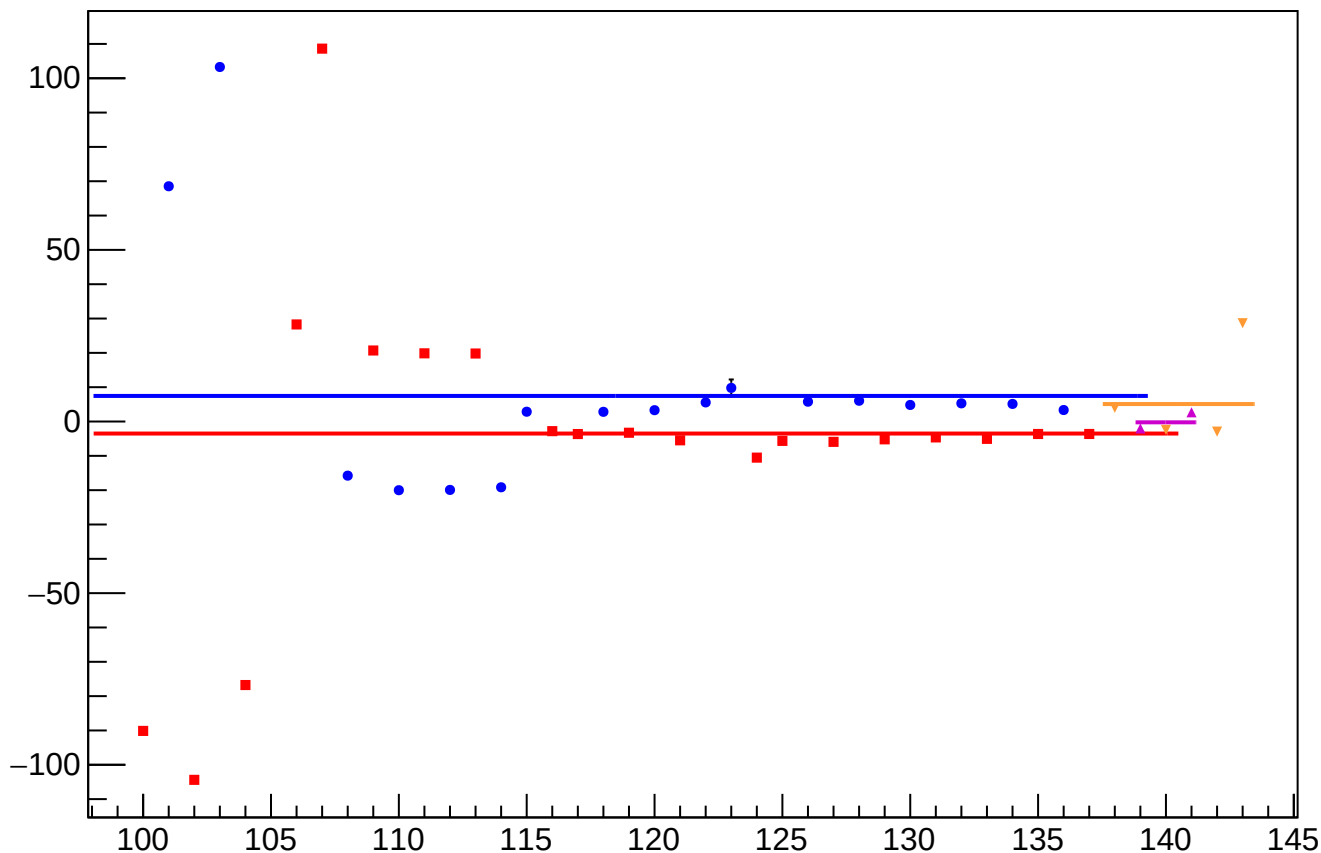
Left In: -2.310 ± 1.519 χ^2/NDF : 1.0/1

1.504 ± 0.609 χ^2/NDF : 99.1/20

0.495 ± 0.451 χ^2/NDF : 162.9/42

-0.731 ± 0.671 χ^2/NDF : 57.7/21

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

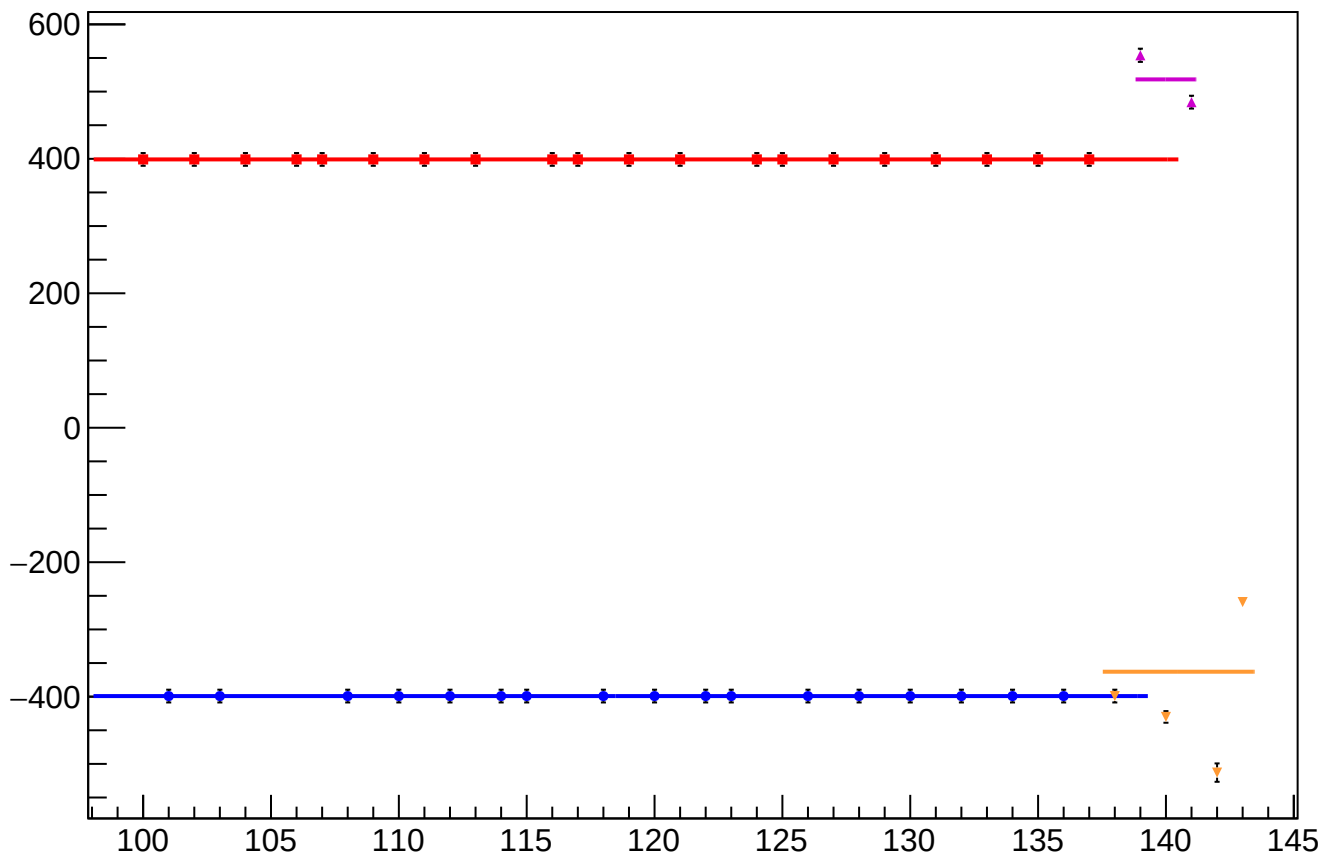
Left In: -0.236 ± 0.053 χ^2/NDF : 1827.0/1

6.354 ± 0.032 χ^2/NDF : 409777.2/20

2.381 ± 0.024 χ^2/NDF : 956300.4/42

-2.129 ± 0.035 χ^2/NDF : 514578.1/21

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -399.124 ± 2.307 χ^2/NDF : 0.0/16

Left Out: -362.893 ± 4.468 χ^2/NDF : 413.5/3

Right Out: 399.124 ± 2.127 χ^2/NDF : 0.0/19

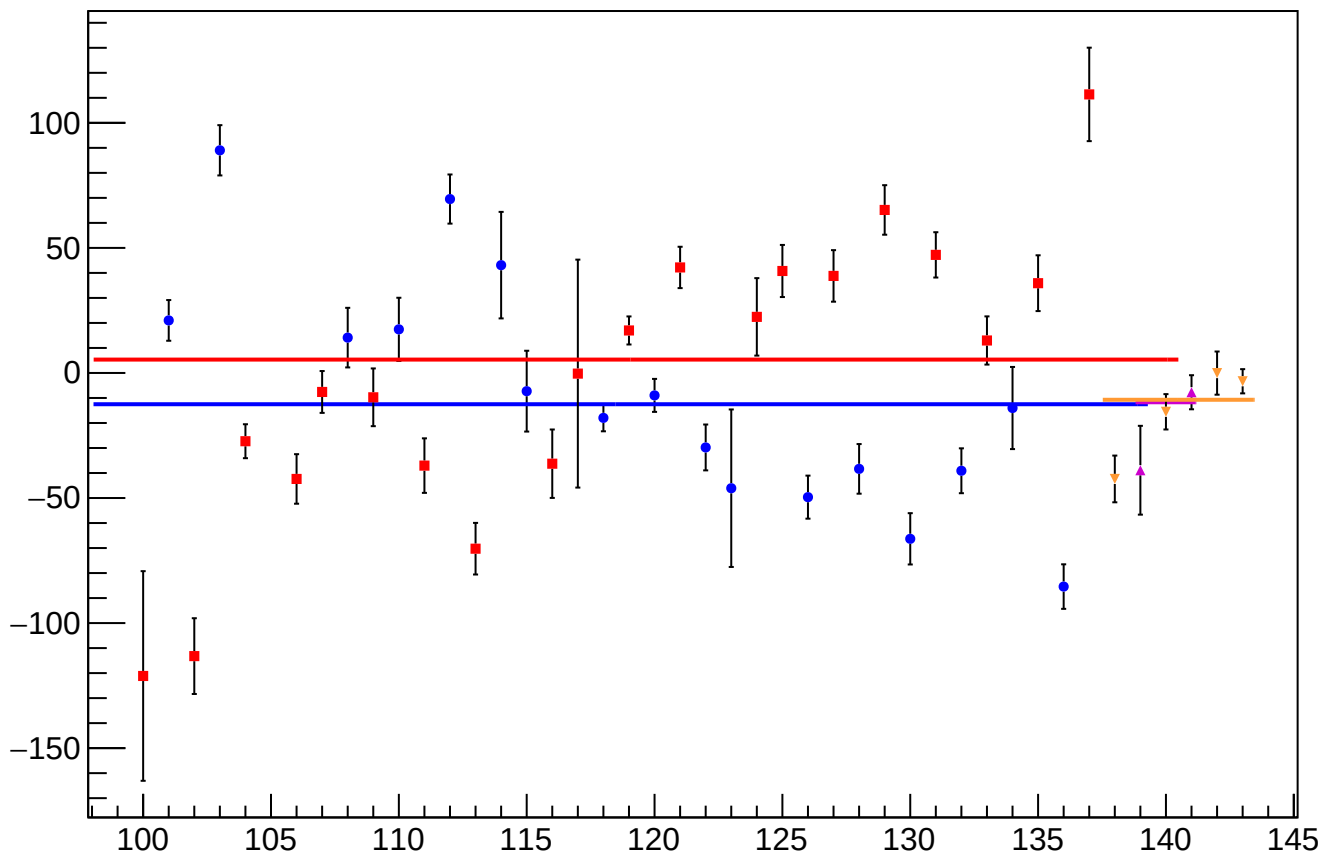
Left In: 518.141 ± 6.863 χ^2/NDF : 25.8/1

-391.498 ± 2.050 χ^2/NDF : 465.4/20

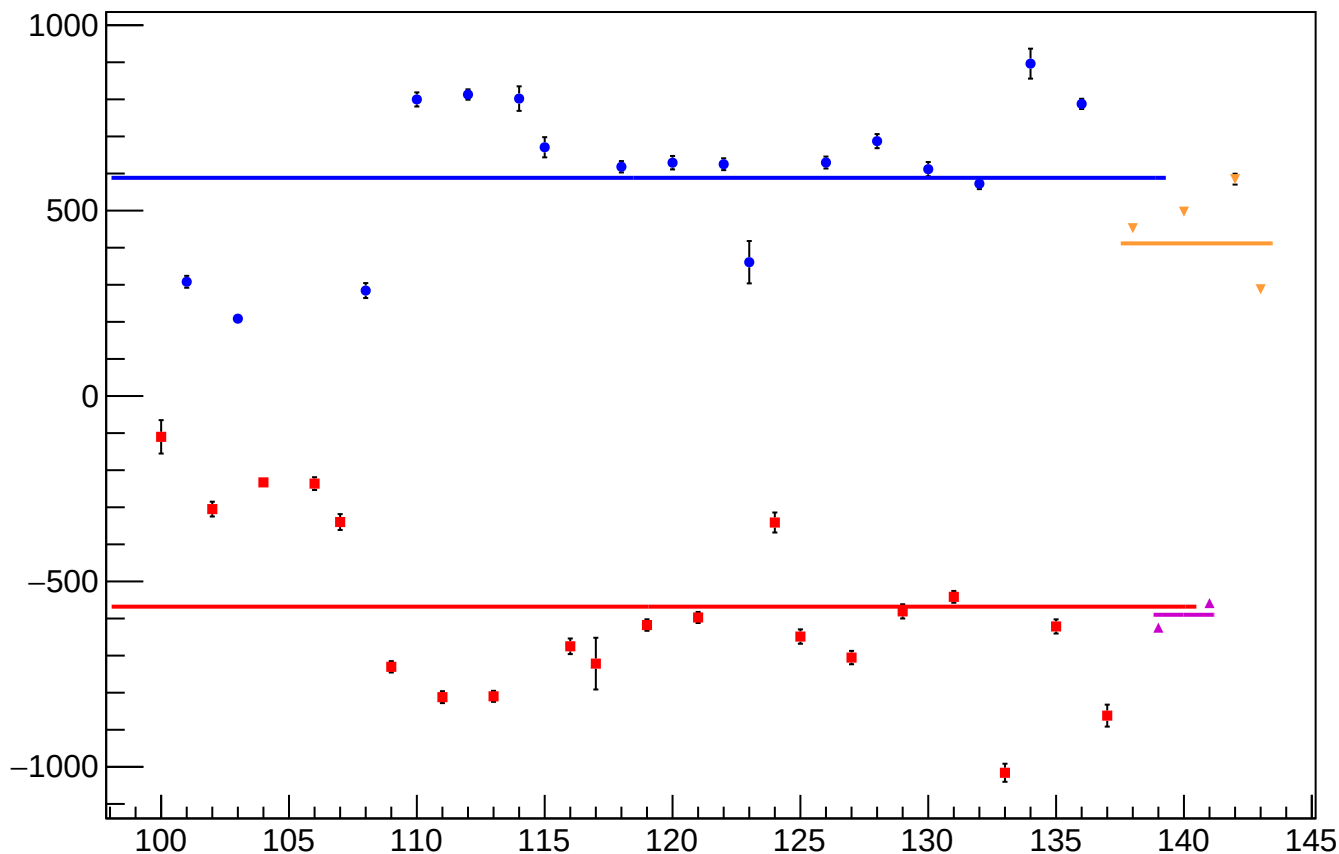
12.611 ± 1.443 χ^2/NDF : 77807.3/42

409.553 ± 2.032 χ^2/NDF : 300.1/21

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.421 $\pm$ 4.320 χ^2/NDF : 2130.2/16

Left Out: 411.596 $\pm$ 4.783 χ^2/NDF : 515.2/3

Right Out: -567.992 $\pm$ 4.130 χ^2/NDF : 2789.7/19

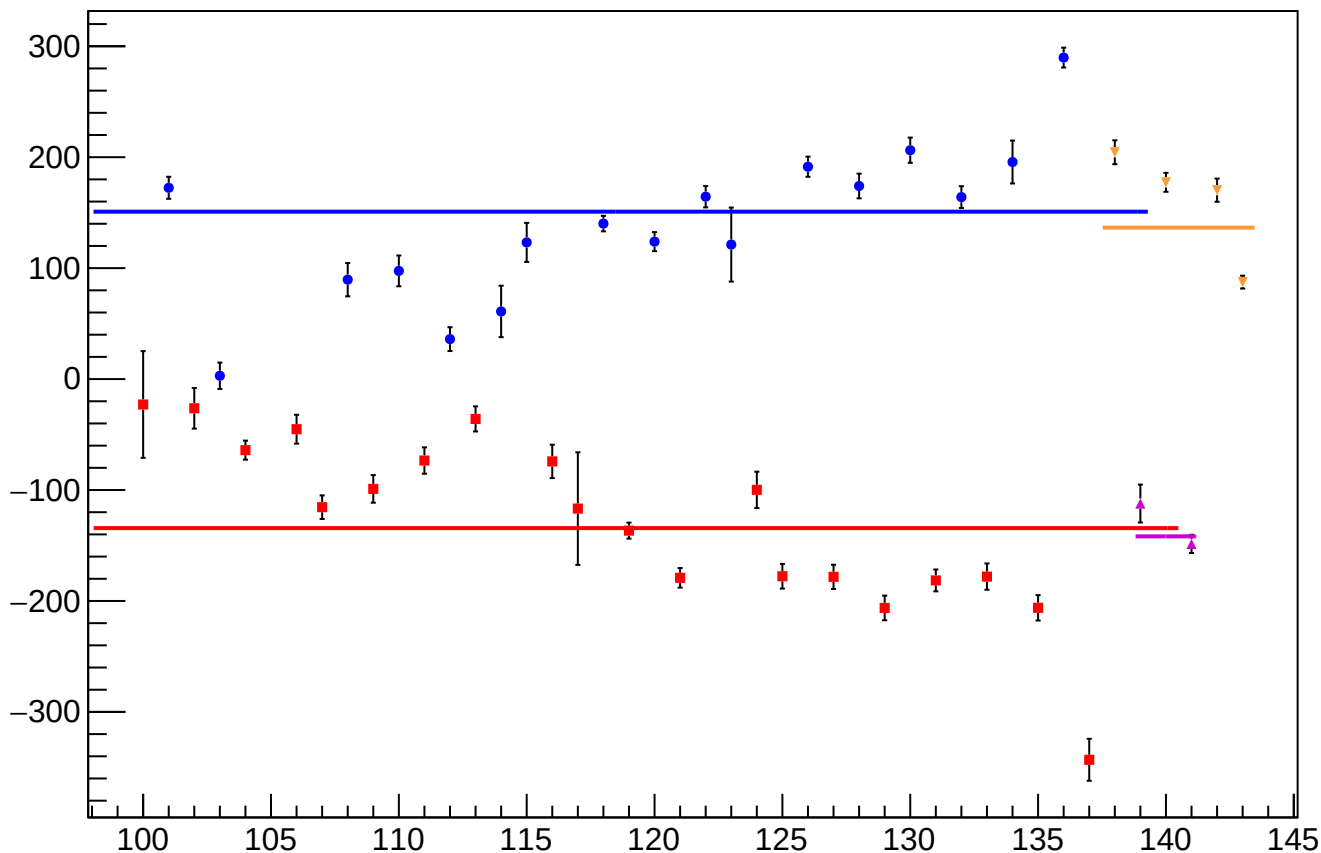
Left In: -589.905 $\pm$ 7.360 χ^2/NDF : 20.2/1

508.970 $\pm$ 3.206 χ^2/NDF : 3398.0/20

30.511 $\pm$ 2.395 χ^2/NDF : 56588.6/42

-573.238 $\pm$ 3.601 χ^2/NDF : 2816.7/21

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

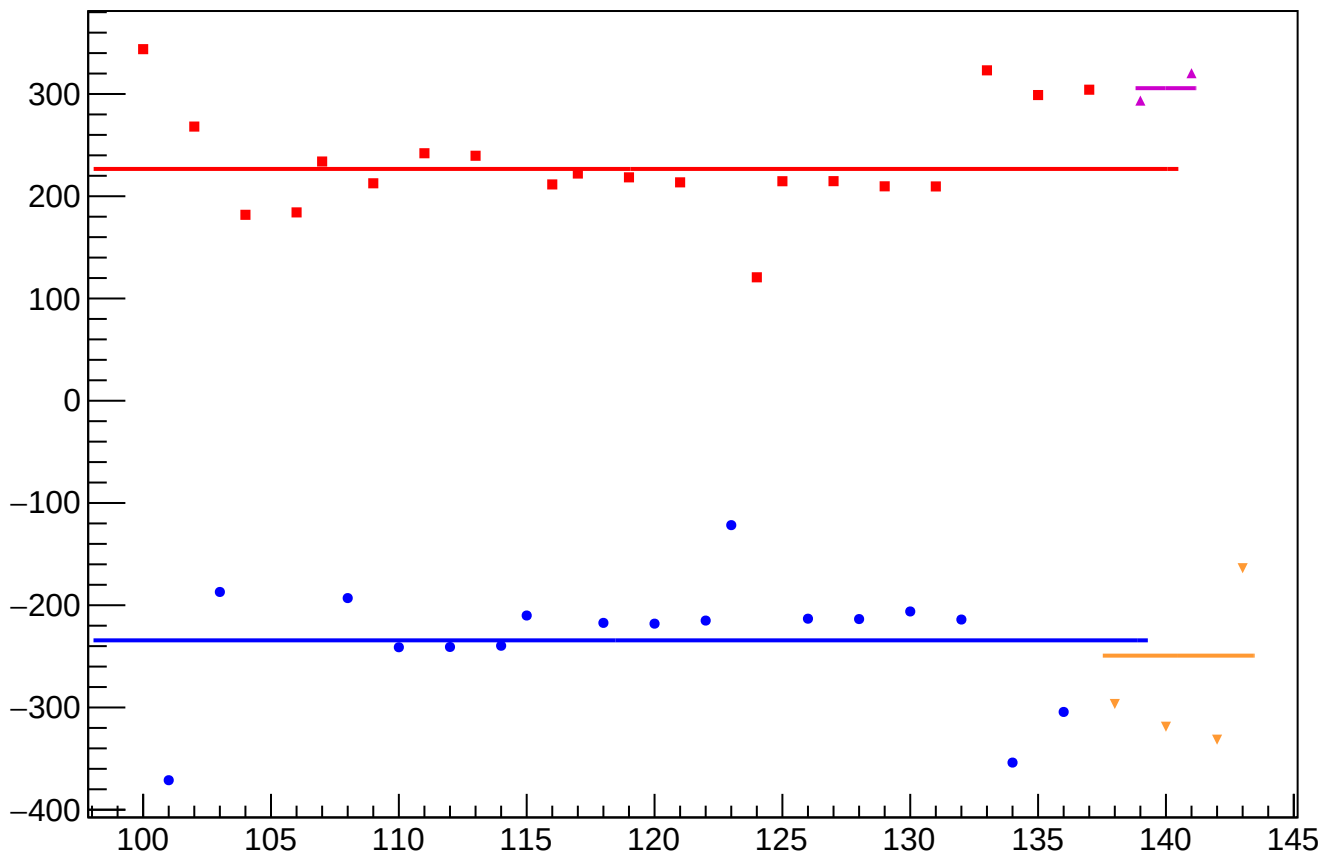
Left In: -141.766 $\pm$ 7.399 χ^2/NDF :3.7/1

146.518 $\pm$ 2.231 χ^2/NDF : 788.1/20

19.799 $\pm$ 1.654 χ^2/NDF : 8552.0/42

-135.160 $\pm$ 2.467 χ^2/NDF : 589.6/21

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.341 ± 0.148 $\chi^2/\text{NDF}: 145165.1/16$

Left Out: -249.292 ± 0.196 $\chi^2/\text{NDF}: 143490.6/3$

Right Out: 226.707 ± 0.141 $\chi^2/\text{NDF}: 99442.4/19$

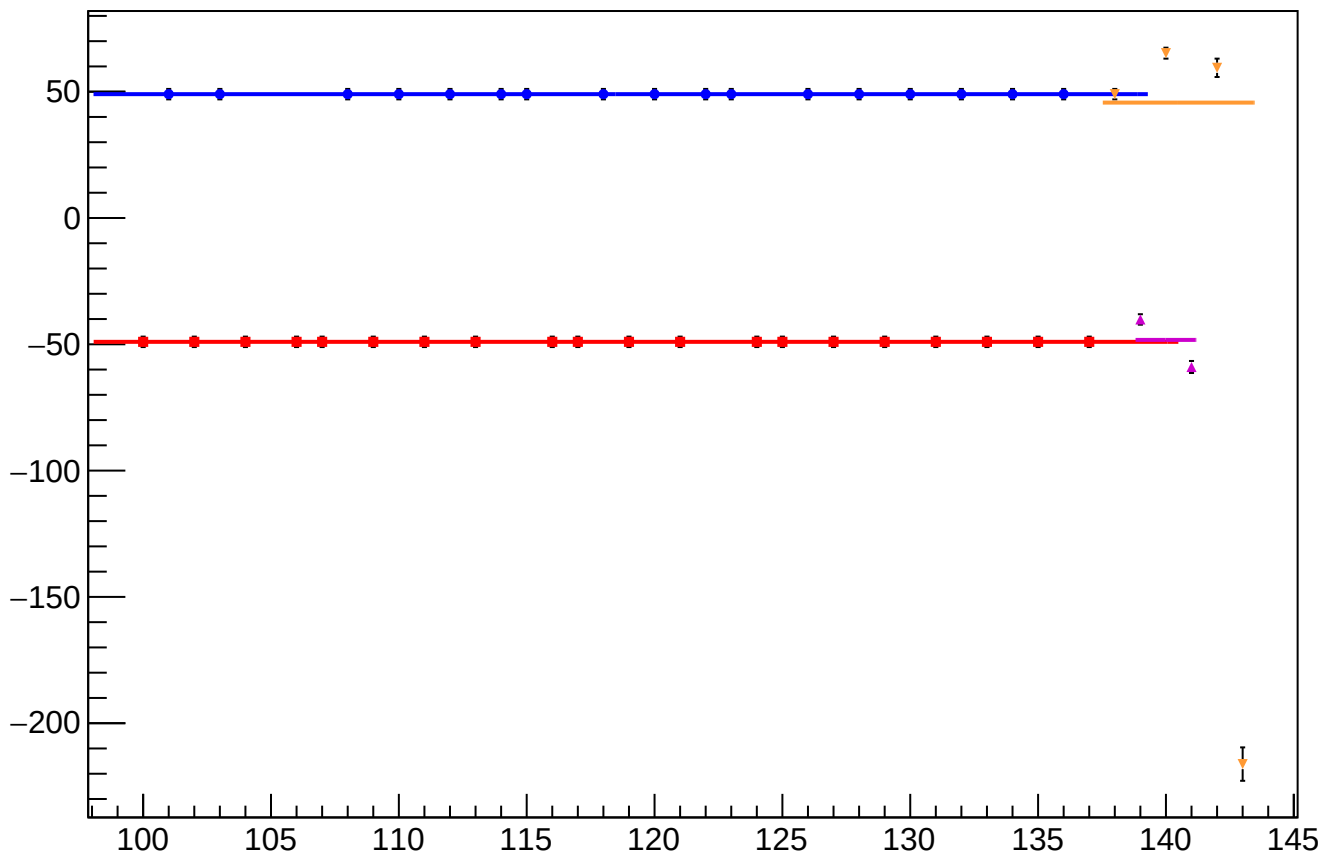
Left In: 305.687 ± 0.278 $\chi^2/\text{NDF}: 2305.5/1$

-239.788 ± 0.118 $\chi^2/\text{NDF}: 292358.2/20$

-13.498 ± 0.086 $\chi^2/\text{NDF}: 8270614.4/42$

242.916 ± 0.126 $\chi^2/\text{NDF}: 165967.6/21$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 49.025 $\pm$ 0.502 χ^2/NDF : 0.0/16

Left Out: 45.683 $\pm$ 1.355 χ^2/NDF : 1666.4/3

Right Out: -49.025 $\pm$ 0.463 χ^2/NDF : 0.0/19

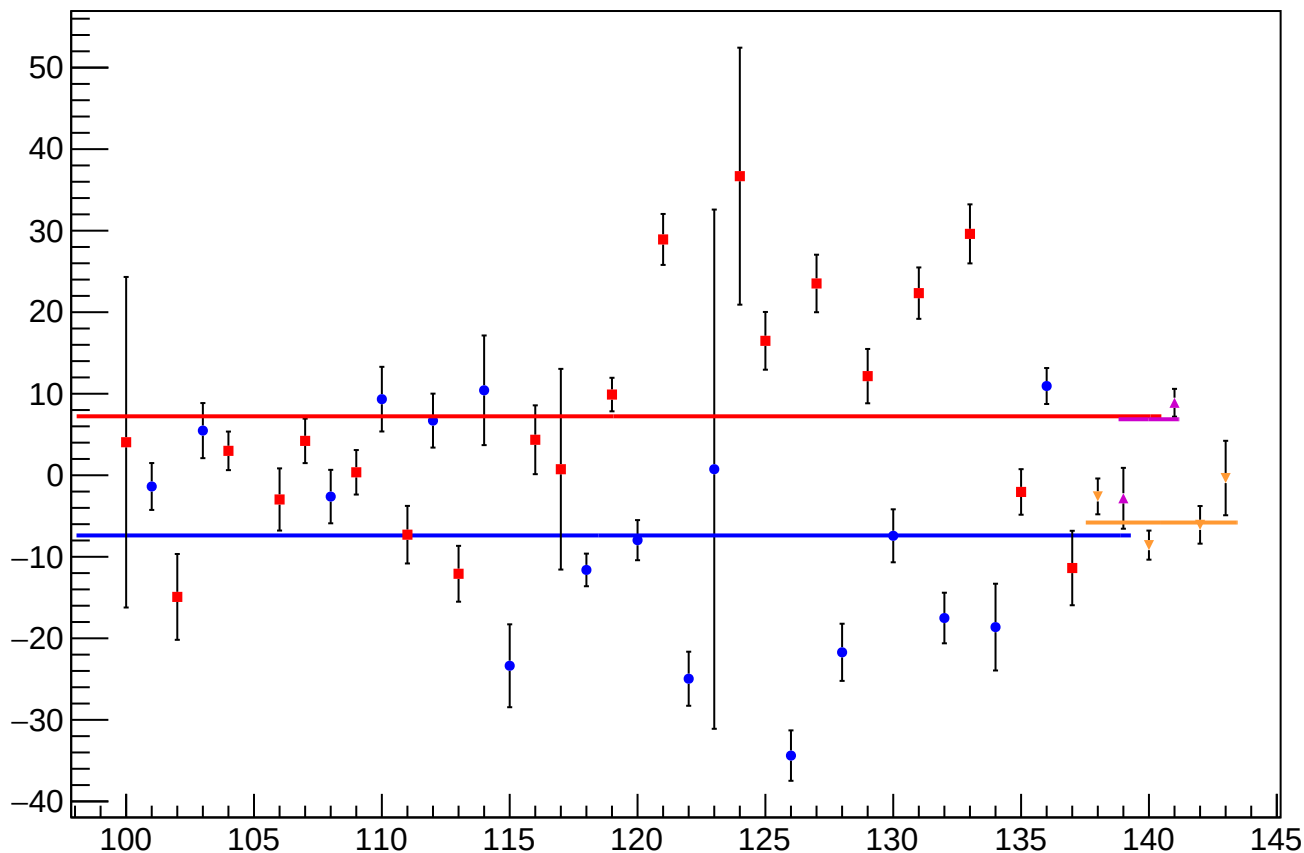
Left In: -48.260 $\pm$ 1.561 χ^2/NDF : 35.6/1

48.621 $\pm$ 0.471 χ^2/NDF : 1671.8/20

-3.049 $\pm$ 0.323 χ^2/NDF : 24456.5/42

-48.963 $\pm$ 0.444 χ^2/NDF : 35.8/21

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.381 $\pm$ 0.779 χ^2/NDF : 283.6/16

Left Out: -5.797 $\pm$ 1.149 χ^2/NDF : 6.0/3

Right Out: 7.231 $\pm$ 0.761 χ^2/NDF : 257.6/19

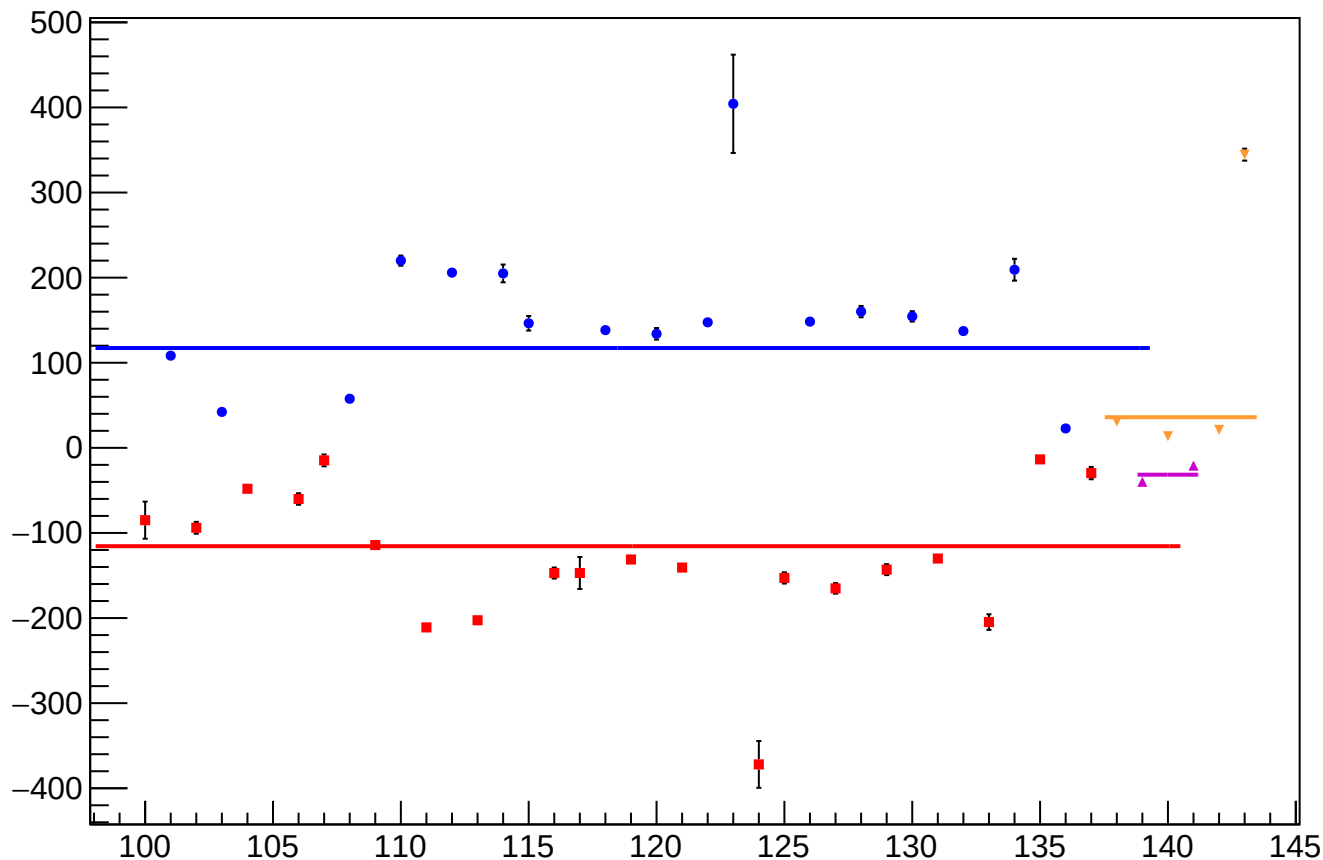
Left In: 6.869 $\pm$ 1.551 χ^2/NDF : 8.2/1

-6.883 $\pm$ 0.645 χ^2/NDF : 290.9/20

-0.265 $\pm$ 0.469 χ^2/NDF : 780.3/42

7.161 $\pm$ 0.683 χ^2/NDF : 265.8/21

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

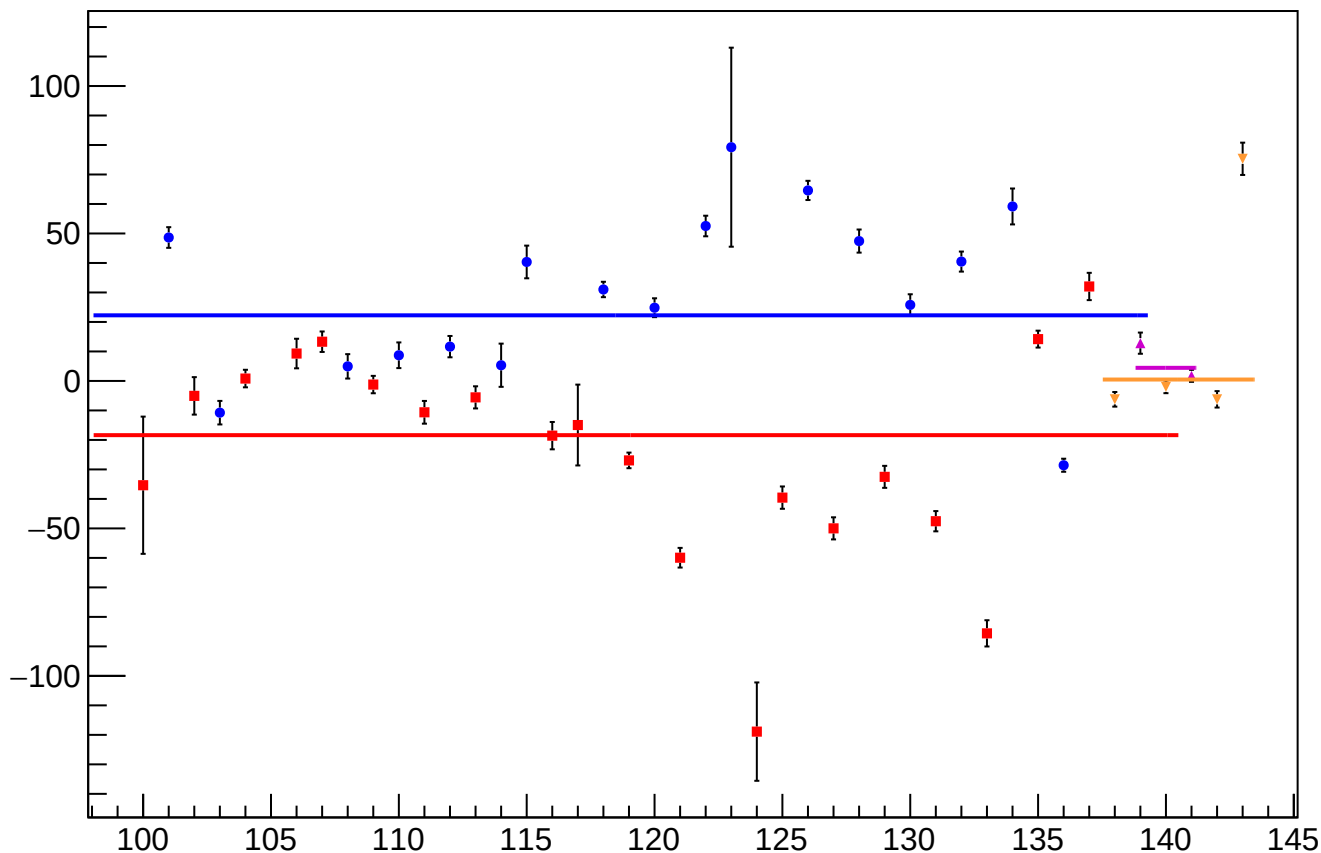
Left In: -31.547 $\pm$ 1.677 χ^2 /NDF: 31.6/1

77.975 $\pm$ 1.012 χ^2 /NDF: 5797.6/20

1.142 $\pm$ 0.730 χ^2 /NDF: 21521.1/42

-82.323 $\pm$ 1.055 χ^2 /NDF: 3701.8/21

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

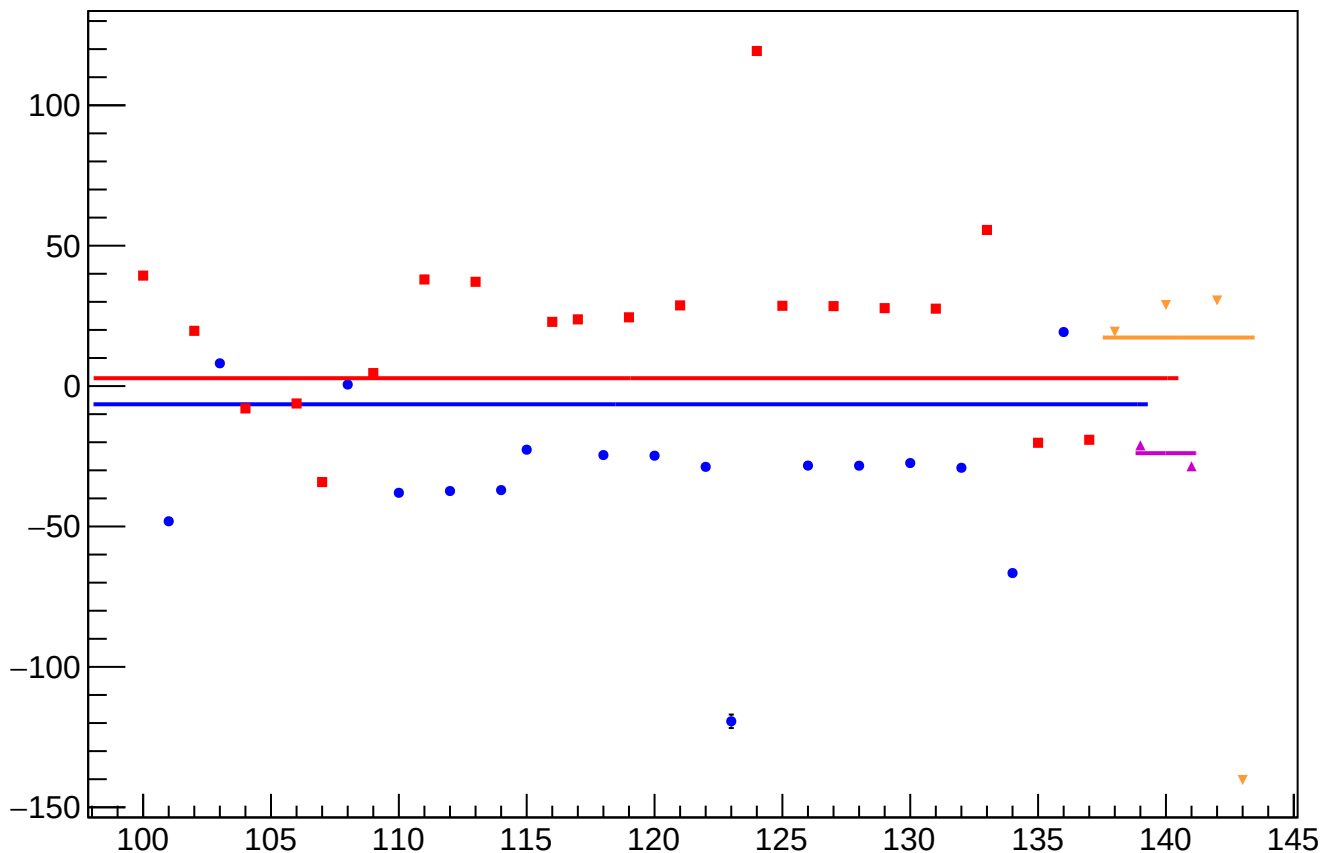


15.716 $\pm$ 0.744 χ^2/NDF : 1452.7/20

1.605 $\pm$ 0.539 χ^2/NDF : 3427.1/42

-13.969 $\pm$ 0.781 χ^2/NDF : 1217.4/21

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 $\chi^2/\text{NDF}: 266885.9/19$

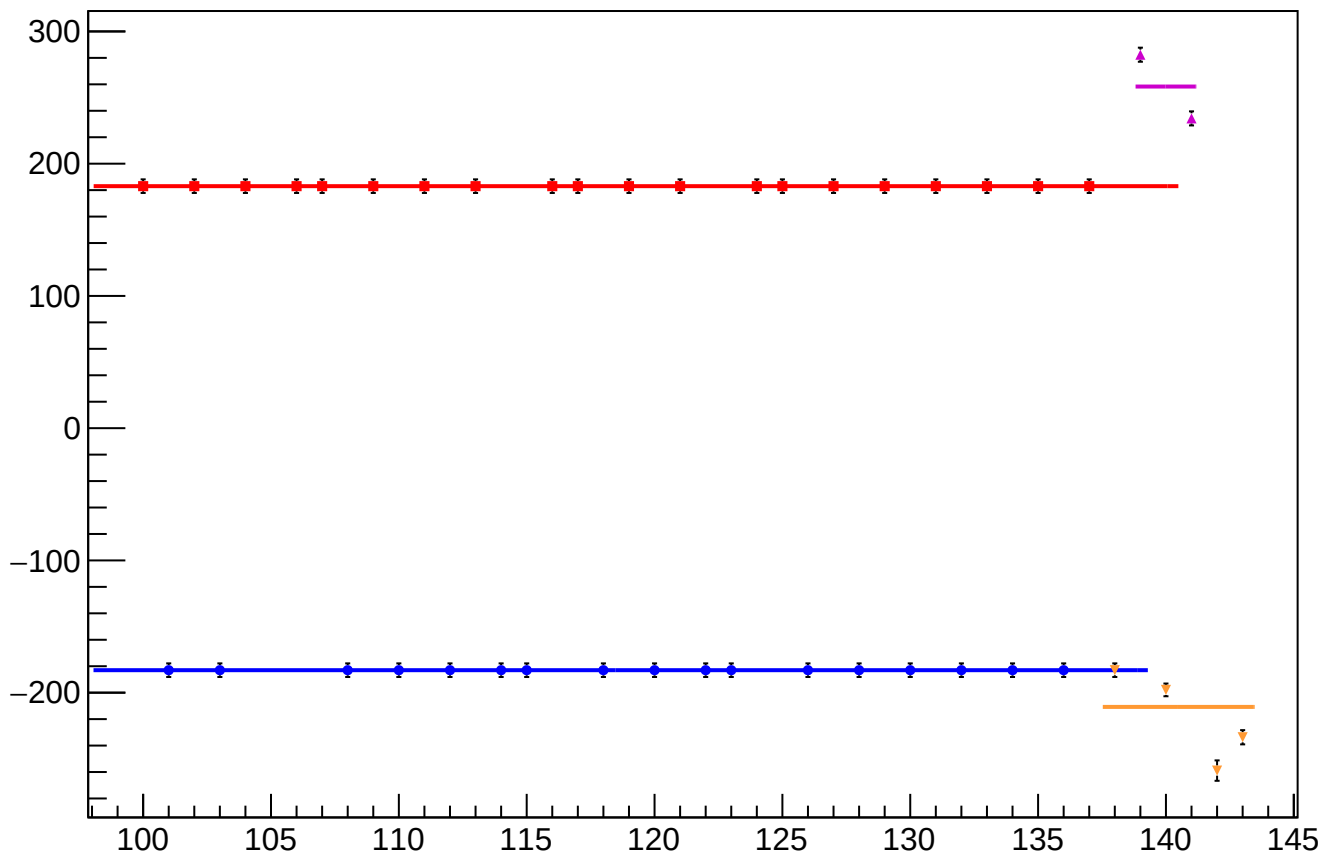
Left In: -23.891 ± 0.062 $\chi^2/\text{NDF}: 3359.9/1$

2.480 ± 0.036 $\chi^2/\text{NDF}: 696572.0/20$

-1.963 ± 0.026 $\chi^2/\text{NDF}: 1116314.8/42$

-6.498 ± 0.037 $\chi^2/\text{NDF}: 389698.9/21$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -182.999 $\pm$ 1.250 χ^2/NDF : 0.0/16

Left Out: -210.767 $\pm$ 2.751 χ^2/NDF : 93.3/3

Right Out: 182.999 $\pm$ 1.152 χ^2/NDF : 0.0/19

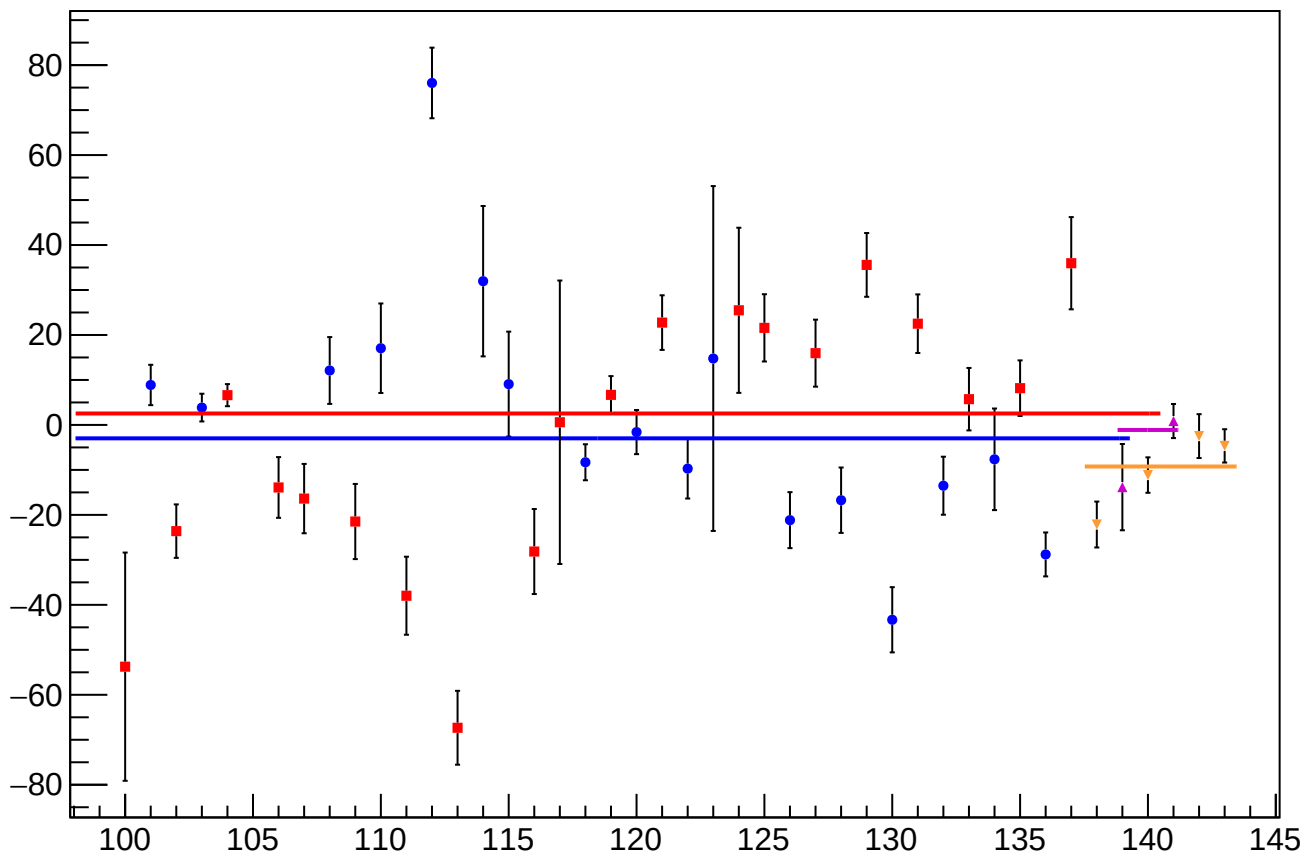
Left In: 258.330 $\pm$ 3.763 χ^2/NDF : 40.9/1

-187.749 $\pm$ 1.138 χ^2/NDF : 177.7/20

6.935 $\pm$ 0.792 χ^2/NDF : 57300.0/42

189.456 $\pm$ 1.102 χ^2/NDF : 407.3/21

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: -9.240 ± 2.143 χ^2/NDF : 10.1/3

Right Out: 2.544 ± 1.397 χ^2/NDF : 218.1/19

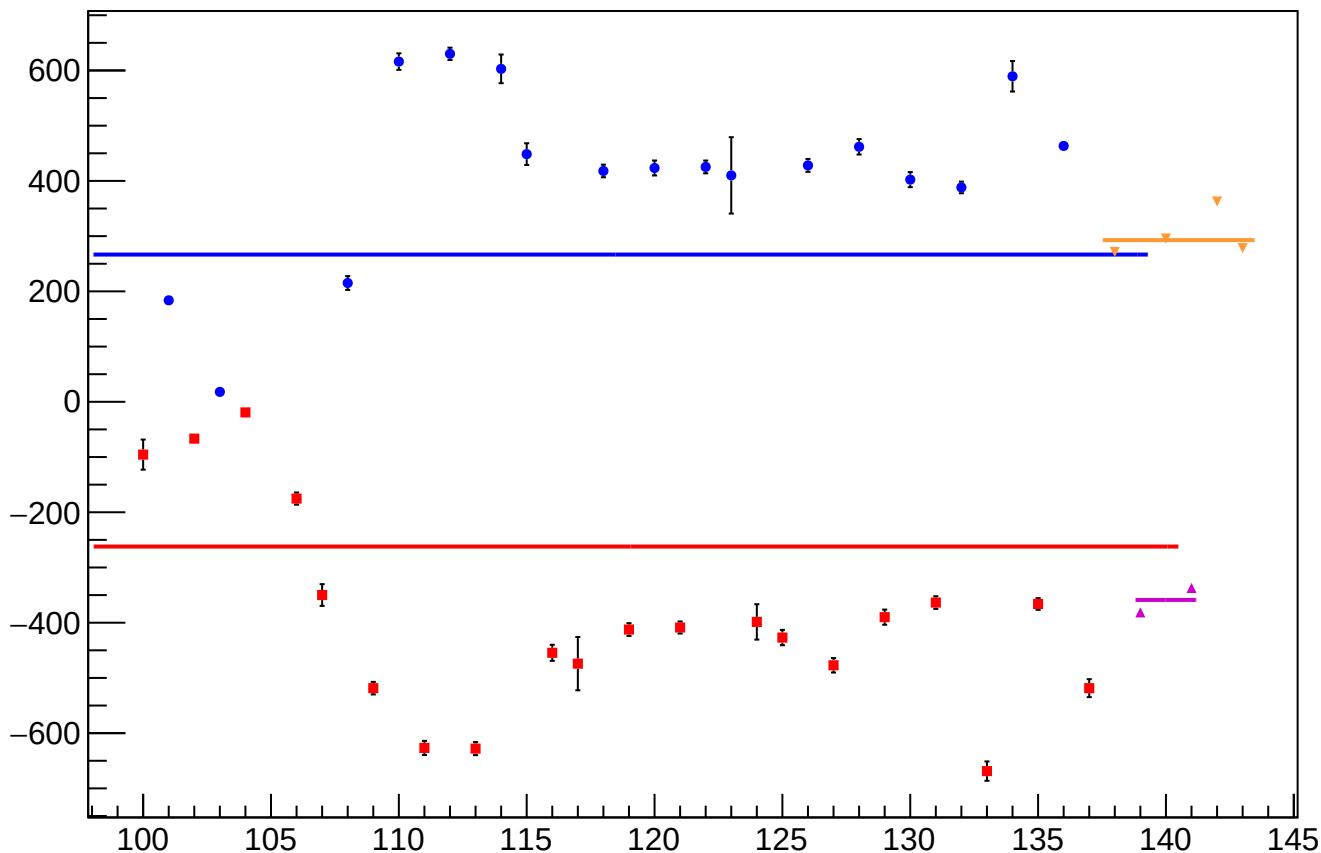
Left In: -1.119 ± 3.527 χ^2/NDF : 2.0/1

-4.948 ± 1.201 χ^2/NDF : 219.8/20

-1.723 ± 0.882 χ^2/NDF : 456.5/42

2.047 ± 1.299 χ^2/NDF : 221.1/21

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.624 $\pm$ 2.477 χ^2/NDF : 7662.7/16

Left Out: 292.805 $\pm$ 2.948 χ^2/NDF : 93.1/3

Right Out: -262.101 $\pm$ 2.455 χ^2/NDF : 8227.6/19

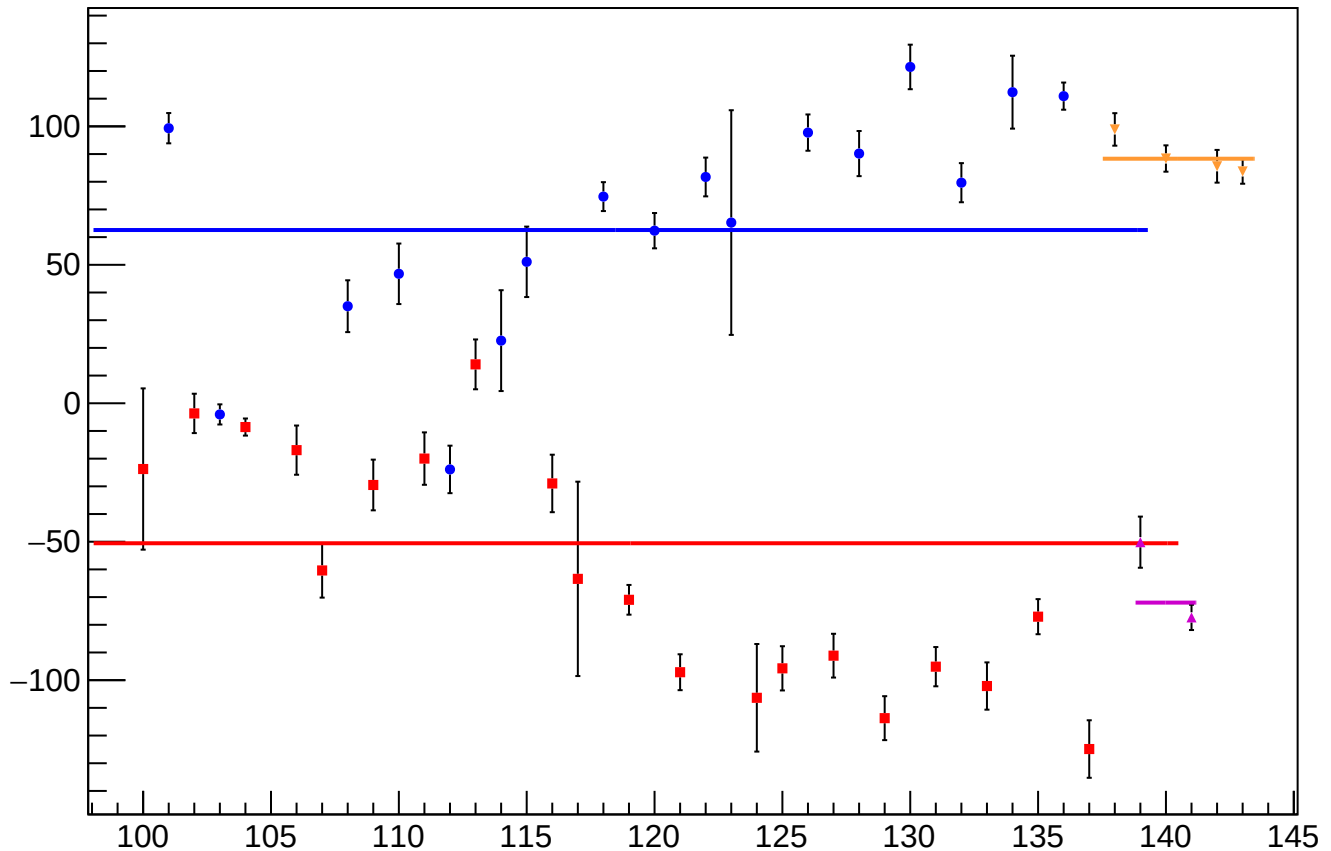
Left In: -358.761 $\pm$ 4.037 χ^2/NDF : 30.1/1

277.459 $\pm$ 1.897 χ^2/NDF : 7802.0/20

23.002 $\pm$ 1.407 χ^2/NDF : 56496.2/42

-288.190 $\pm$ 2.097 χ^2/NDF : 8676.2/21

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

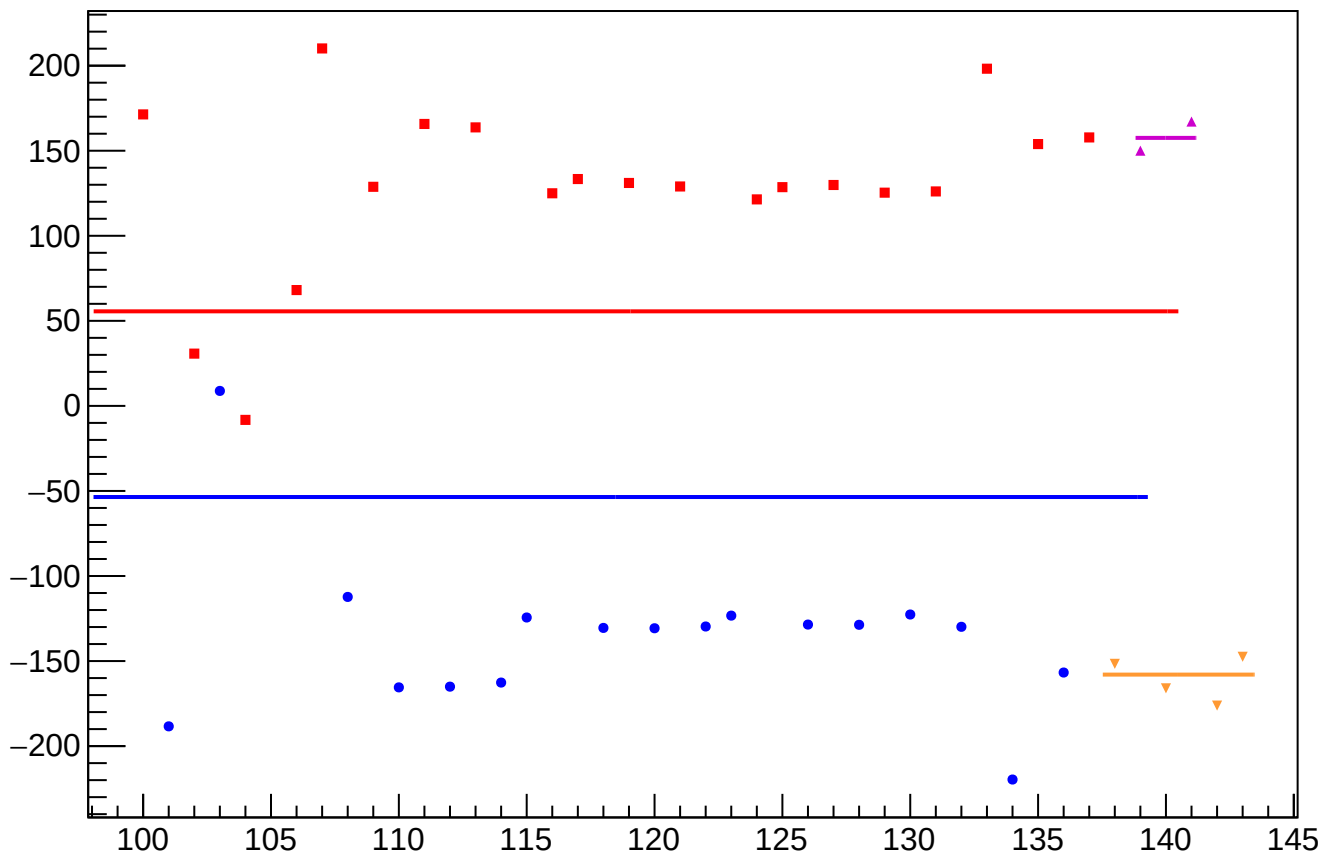
Left In: -71.989+/-4.094 χ^2/NDF : 7.0/1

70.301+/-1.404 χ^2/NDF : 797.7/20

13.457+/-1.032 χ^2/NDF : 5057.8/42

-53.524+/-1.524 χ^2/NDF : 687.7/21

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.567+/-0.070 χ^2/NDF : 1230233.3/16

Left Out: -157.962+/-0.121 χ^2/NDF : 7183.2/3

Right Out: 55.585+/-0.072 χ^2/NDF : 970875.1/19

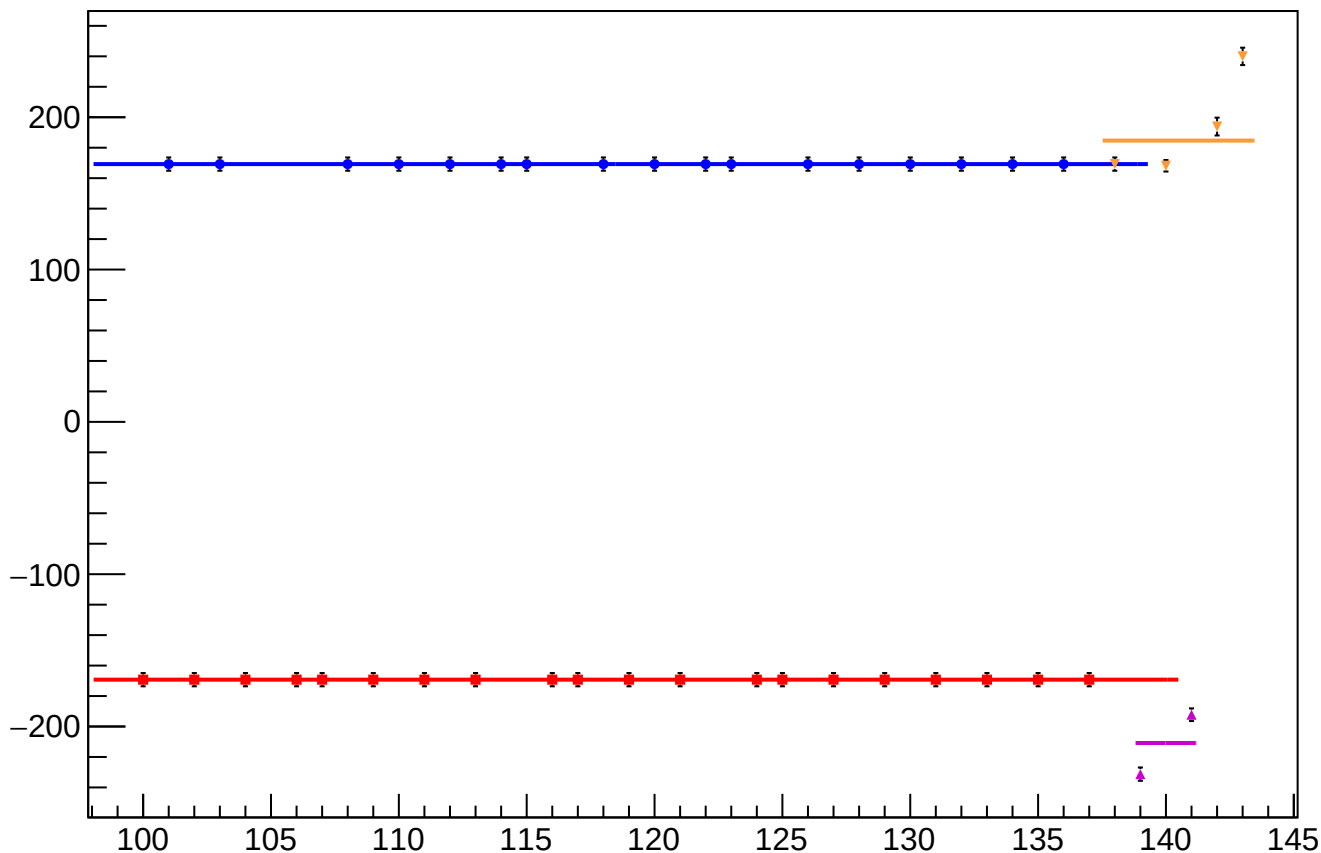
Left In: 157.552+/-0.152 χ^2/NDF : 3118.2/1

-79.844+/-0.061 χ^2/NDF : 1792890.6/20

-7.947+/-0.044 χ^2/NDF : 6131401.5/42

74.199+/-0.065 χ^2/NDF : 1341478.2/21

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 169.242 ± 1.061 χ^2/NDF : 0.0/16

Left Out: 184.687 ± 2.344 χ^2/NDF : 127.7/3

Right Out: -169.242 ± 0.979 χ^2/NDF : 0.0/19

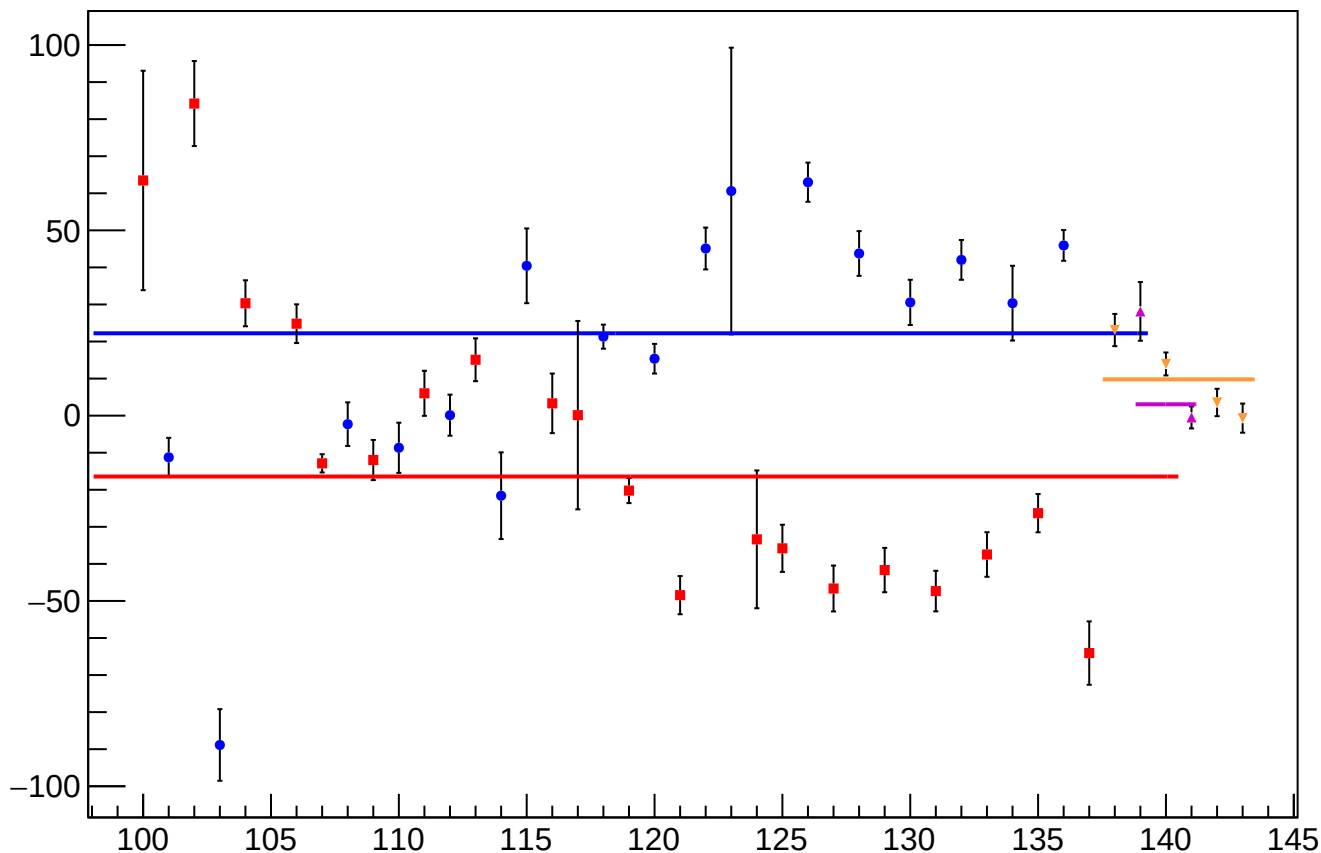
Left In: -210.818 ± 3.020 χ^2/NDF : 41.6/1

171.870 ± 0.967 χ^2/NDF : 163.7/20

-7.203 ± 0.671 χ^2/NDF : 66475.9/42

-173.192 ± 0.931 χ^2/NDF : 213.1/21

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.221 ± 1.374 $\chi^2/\text{NDF}: 385.6/16$

Left Out: 9.797 ± 1.841 $\chi^2/\text{NDF}: 21.1/3$

Right Out: -16.427 ± 1.228 $\chi^2/\text{NDF}: 426.3/19$

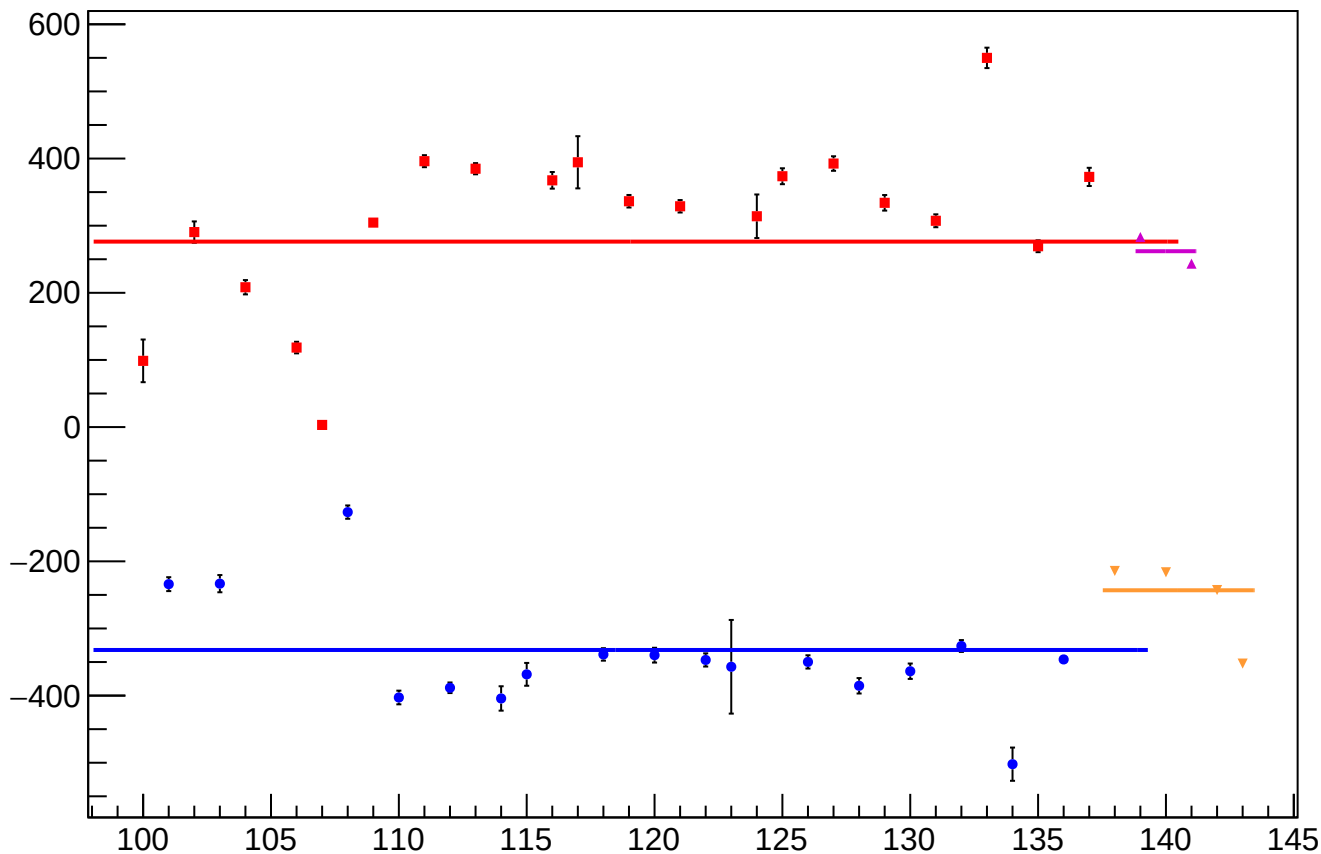
Left In: 3.061 ± 2.785 $\chi^2/\text{NDF}: 11.4/1$

17.778 ± 1.101 $\chi^2/\text{NDF}: 436.0/20$

2.578 ± 0.786 $\chi^2/\text{NDF}: 1303.8/42$

-13.254 ± 1.124 $\chi^2/\text{NDF}: 478.7/21$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -332.037 $\pm$ 2.562 χ^2 /NDF: 784.9/16

Left Out: -243.101 $\pm$ 2.512 χ^2 /NDF: 401.9/3

Right Out: 276.276 $\pm$ 2.320 χ^2 /NDF: 3372.1/19

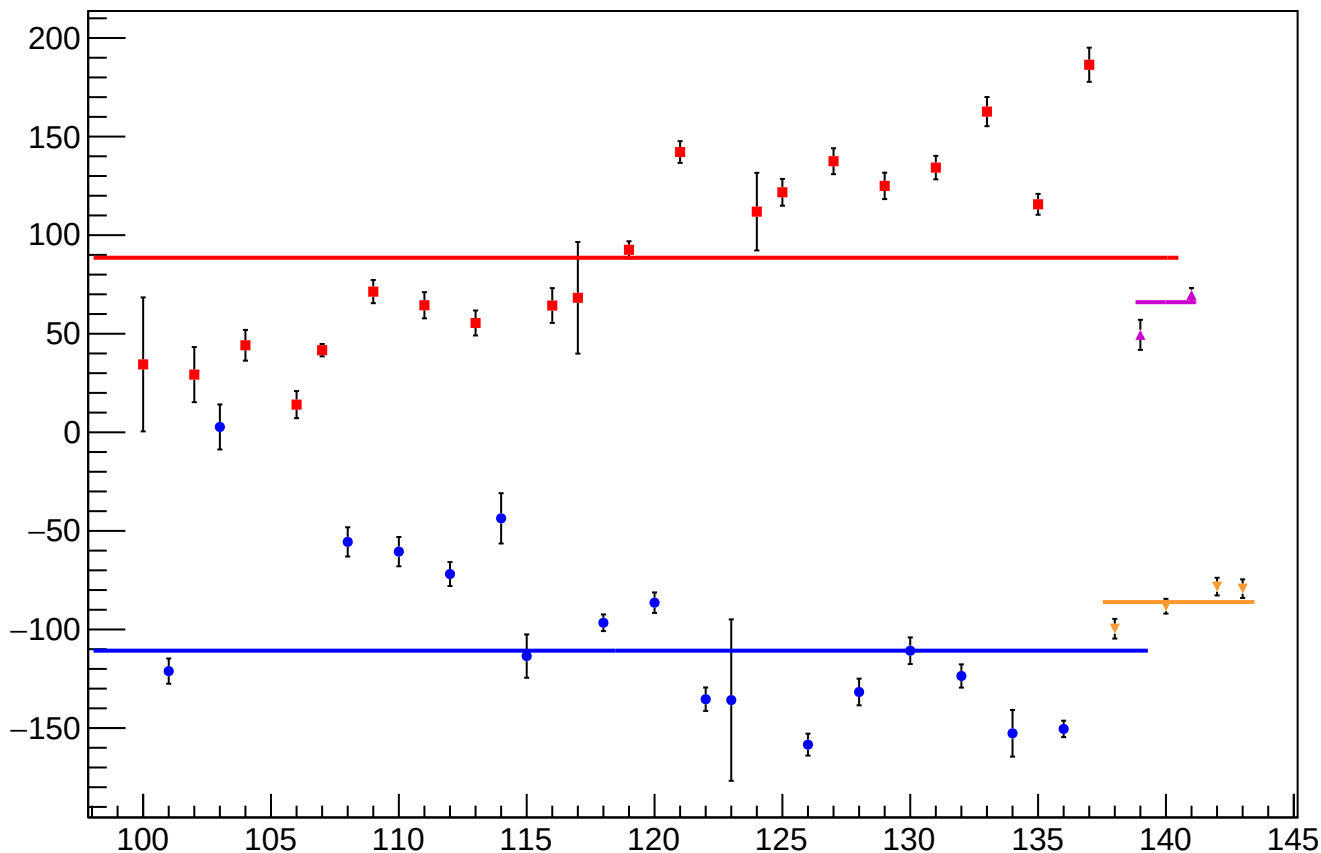
Left In: 261.969 $\pm$ 3.237 χ^2 /NDF: 37.4/1

-286.693 $\pm$ 1.794 χ^2 /NDF: 1801.3/20

-21.620 $\pm$ 1.300 χ^2 /NDF: 51208.6/42

271.421 $\pm$ 1.886 χ^2 /NDF: 3422.4/21

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -86.074 ± 2.201 χ^2/NDF : 12.8/3

Right Out: 88.548 ± 1.433 χ^2/NDF : 970.2/19

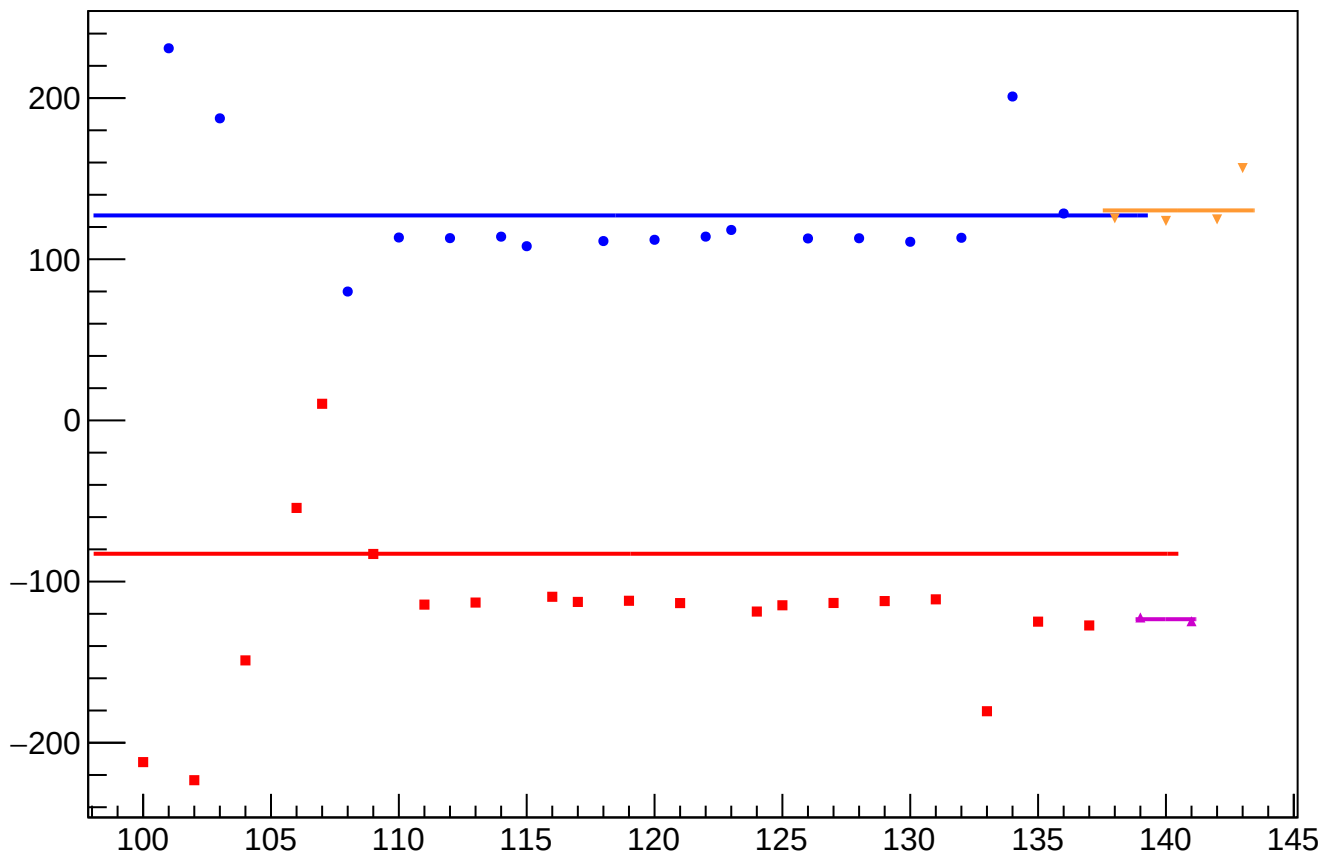
Left In: 66.007 ± 3.241 χ^2/NDF : 5.7/1

-102.371 ± 1.282 χ^2/NDF : 609.2/20

-10.791 ± 0.916 χ^2/NDF : 12055.8/42

84.863 ± 1.310 χ^2/NDF : 1016.4/21

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

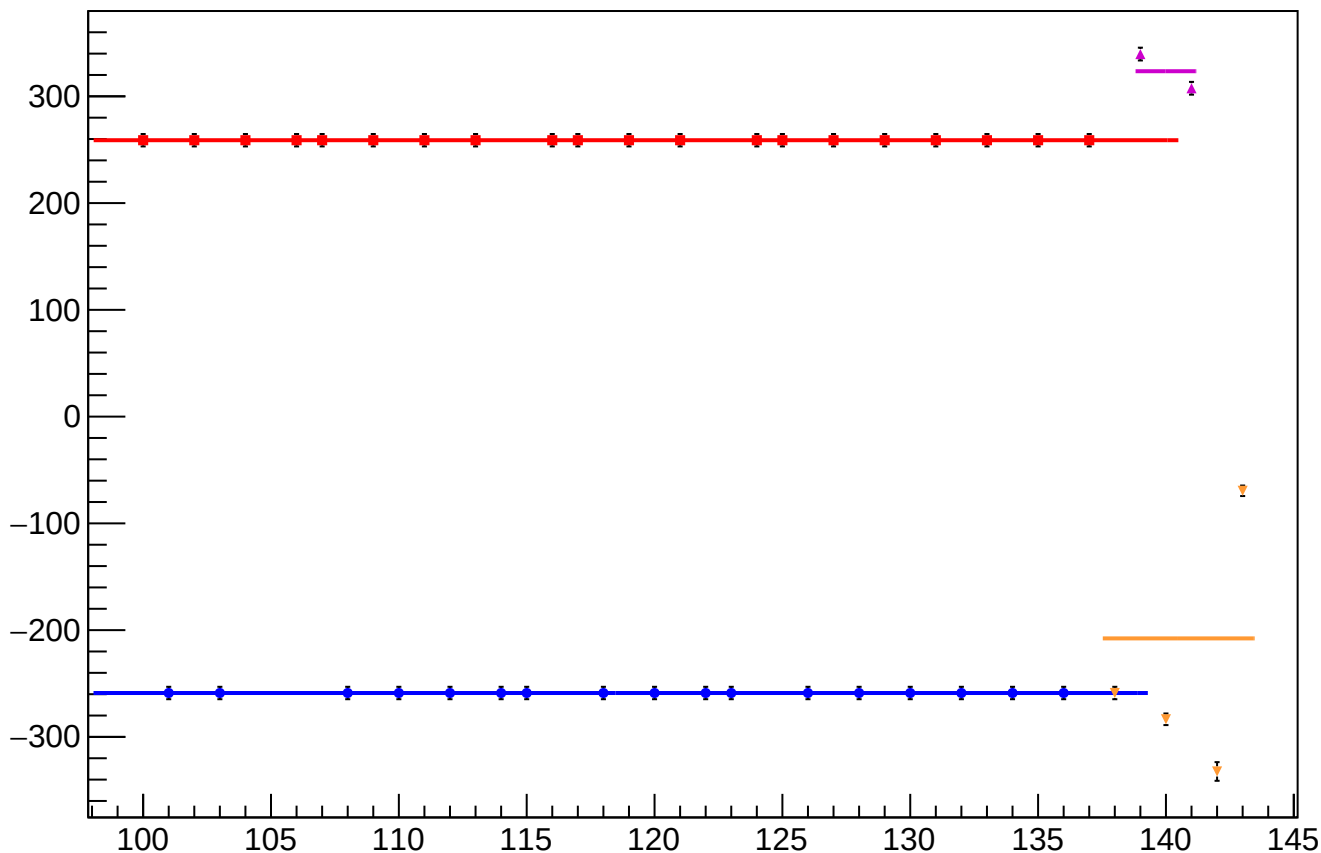
Left In: -123.345 $\pm$ 0.123 χ^2 /NDF: 90.8/1

128.503 $\pm$ 0.068 χ^2 /NDF: 202631.9/20

11.572 $\pm$ 0.047 χ^2 /NDF: 6748872.5/42

-93.845 $\pm$ 0.064 χ^2 /NDF: 845783.1/21

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -258.891 ± 1.411 χ^2/NDF : 0.0/16

Left Out: -207.741 ± 2.915 χ^2/NDF : 1263.1/3

Right Out: 258.891 ± 1.301 χ^2/NDF : 0.0/19

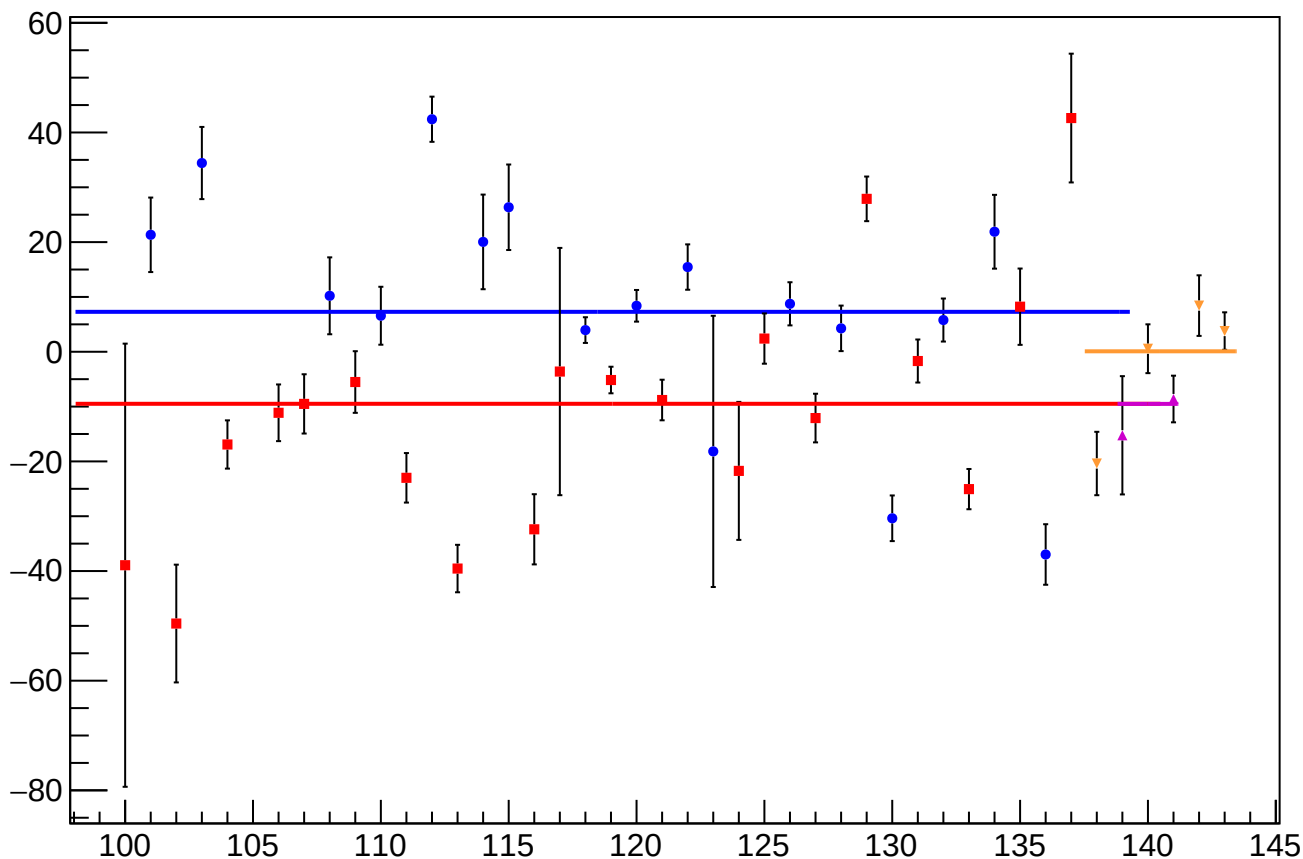
Left In: 323.512 ± 4.231 χ^2/NDF : 14.3/1

-249.176 ± 1.270 χ^2/NDF : 1512.6/20

13.077 ± 0.889 χ^2/NDF : 85216.7/42

264.475 ± 1.244 χ^2/NDF : 227.4/21

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.284+/-1.084 χ^2/NDF : 261.0/16

Left Out: 0.083+/-2.244 χ^2/NDF : 16.0/3

Right Out: -9.491+/-1.073 χ^2/NDF : 231.6/19

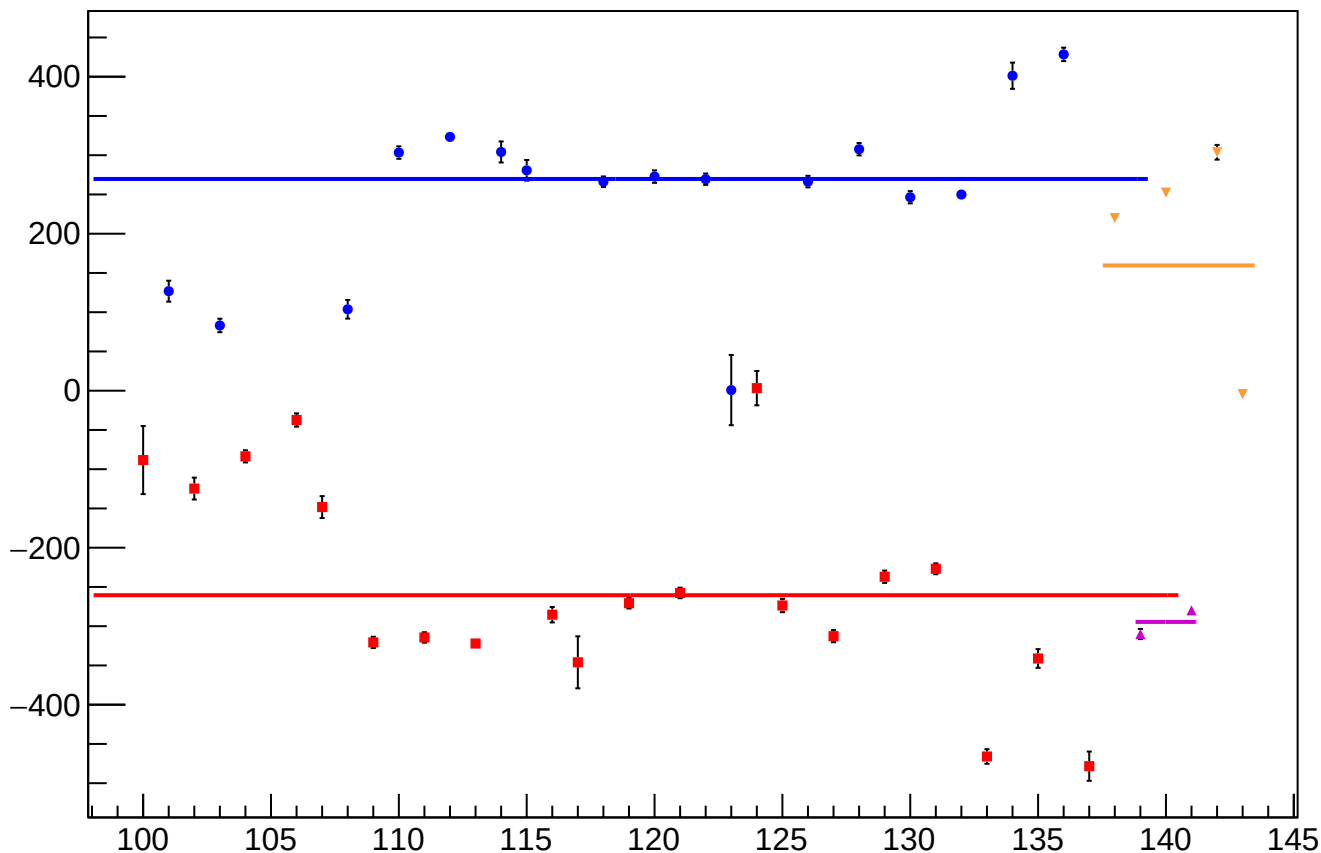
Left In: -9.510+/-3.959 χ^2/NDF : 0.3/1

5.923+/-0.976 χ^2/NDF : 285.4/20

-1.325+/-0.710 χ^2/NDF : 634.6/42

-9.493+/-1.036 χ^2/NDF : 231.9/21

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

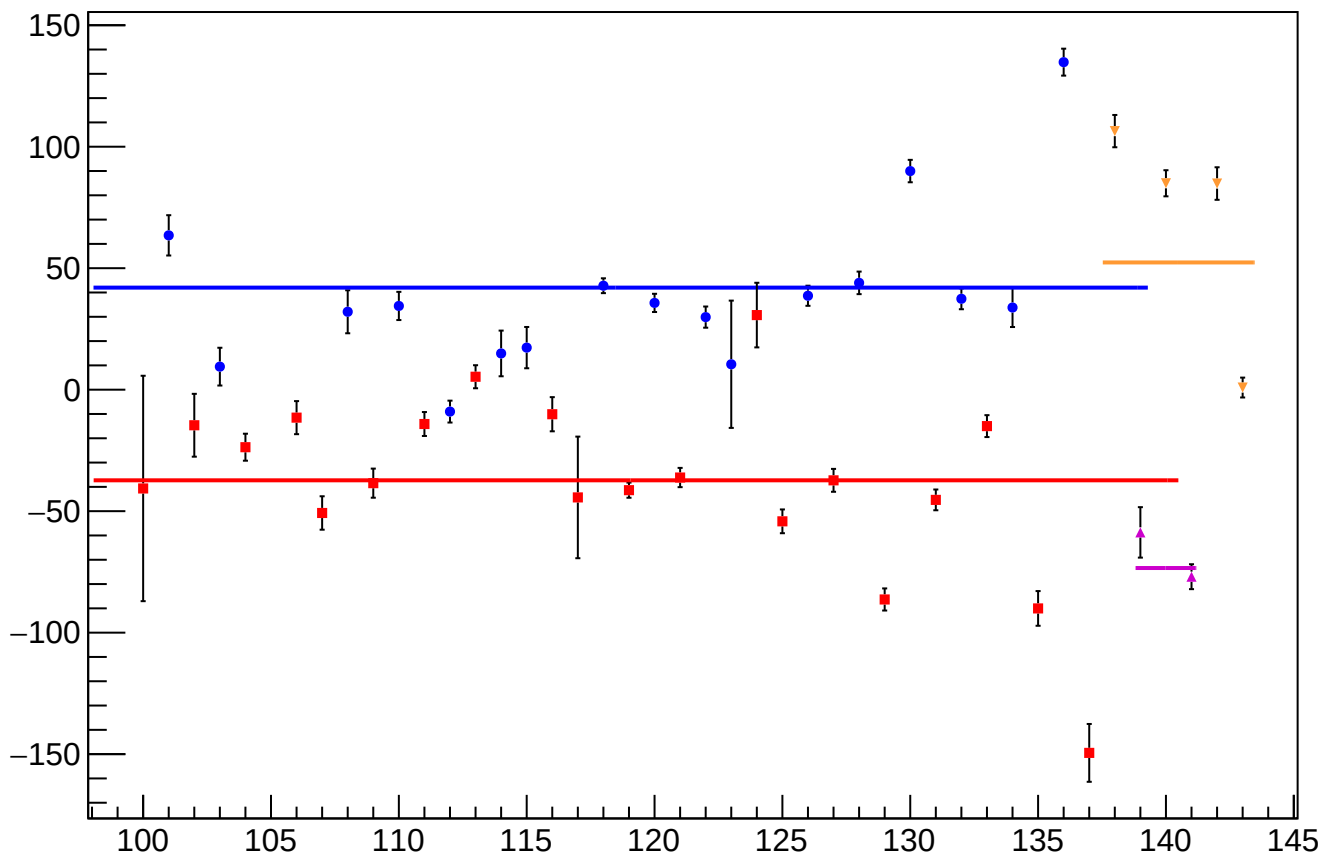
Left In: -294.540 ± 4.539 χ^2/NDF : 11.0/1

236.069 ± 1.726 χ^2/NDF : 3796.2/20

-2.949 ± 1.249 χ^2/NDF : 46678.1/42

-265.924 ± 1.810 χ^2/NDF : 2606.5/21

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006+/-1.255 χ^2/NDF : 575.6/16

Left Out: 52.367+/-2.679 χ^2/NDF : 284.9/3

Right Out: -37.301+/-1.236 χ^2/NDF : 472.7/19

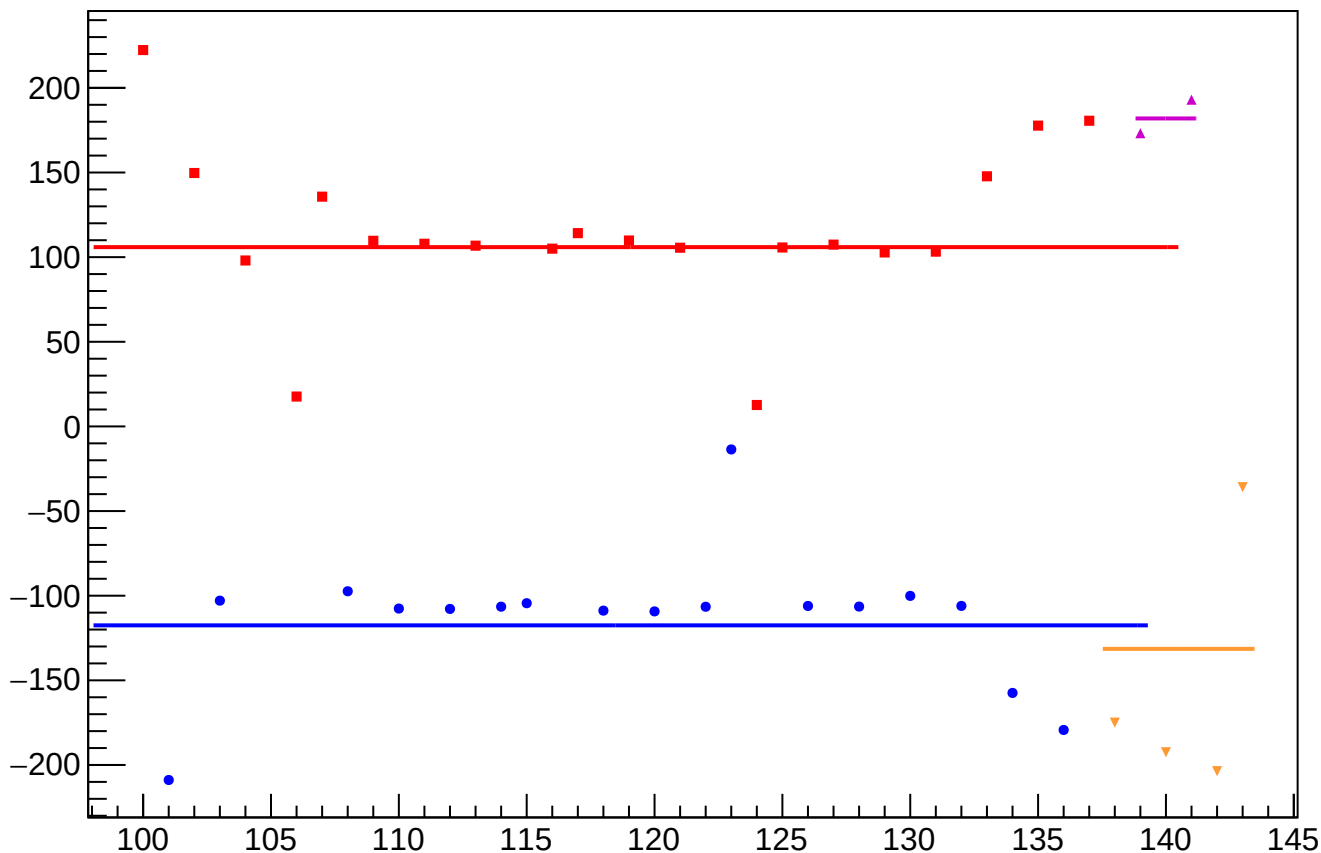
Left In: -73.398+/-4.596 χ^2/NDF : 2.5/1

43.872+/-1.137 χ^2/NDF : 872.7/20

4.096+/-0.823 χ^2/NDF : 3979.0/42

-39.734+/-1.193 χ^2/NDF : 532.7/21

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

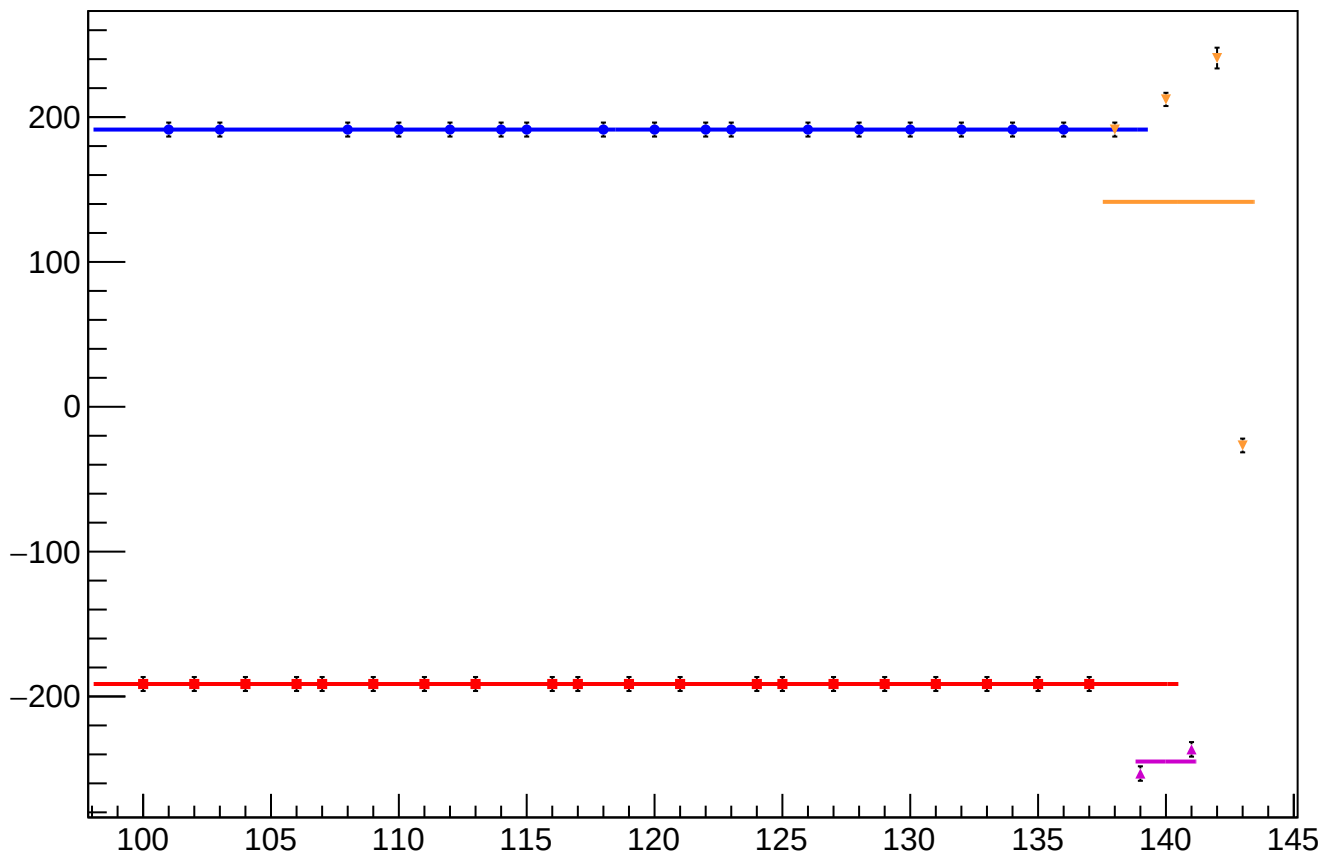
Left In: 181.935±/0.171 χ^2/NDF : 3314.6/1

-121.284±/0.067 χ^2/NDF : 482126.9/20

-2.427±/0.047 χ^2/NDF : 7381203.9/42

117.577±/0.067 χ^2/NDF : 495381.0/21

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 191.392 ± 1.175 χ^2/NDF : 0.0/16

Left Out: 141.489 ± 2.547 χ^2/NDF : 1788.6/3

Right Out: -191.392 ± 1.083 χ^2/NDF : 0.0/19

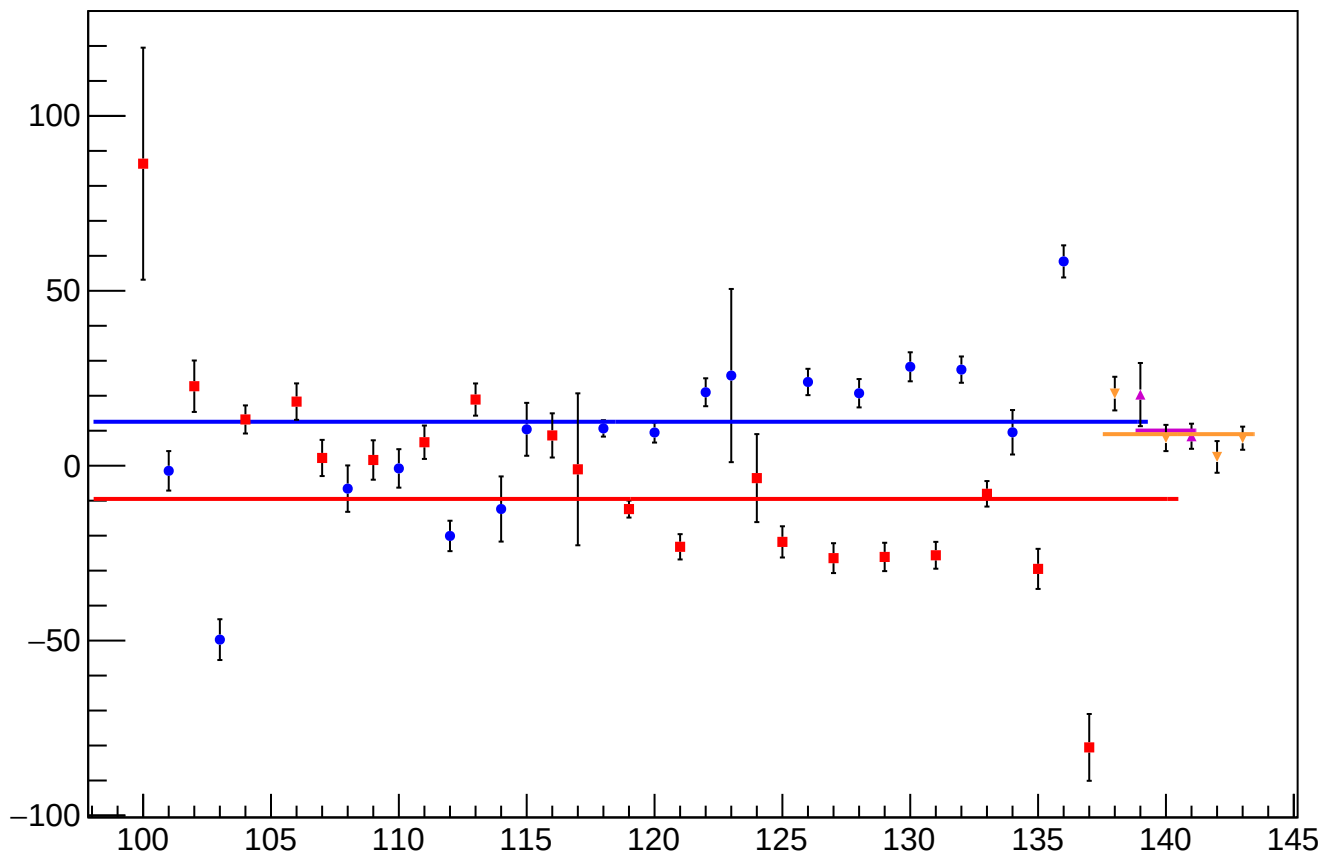
Left In: -244.918 ± 3.553 χ^2/NDF : 5.5/1

182.634 ± 1.067 χ^2/NDF : 2105.1/20

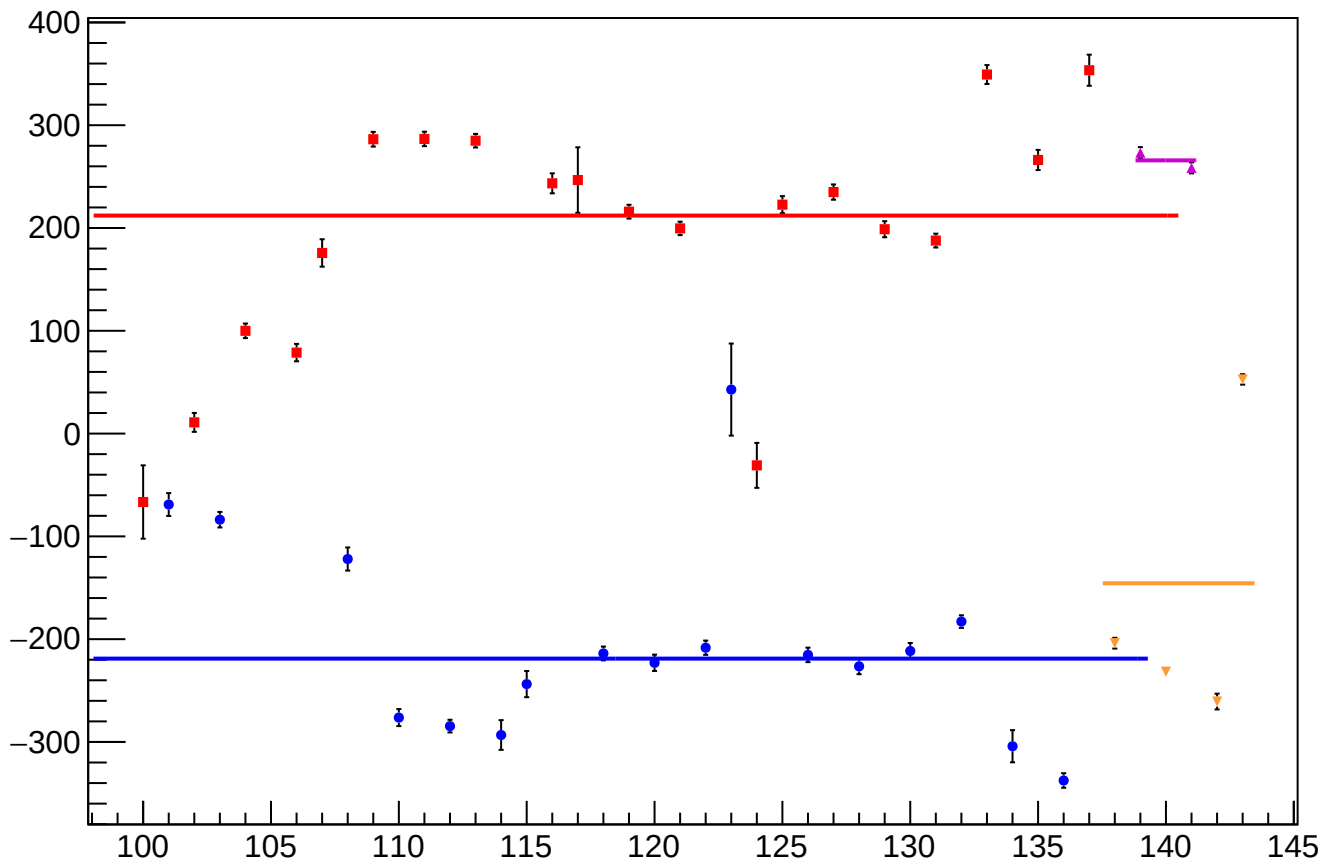
-12.184 ± 0.743 χ^2/NDF : 67096.0/42

-195.945 ± 1.036 χ^2/NDF : 213.1/21

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -145.610 ± 2.729 $\chi^2/\text{NDF}: 2187.3/3$

Right Out: 212.094 ± 1.921 $\chi^2/\text{NDF}: 1887.4/19$

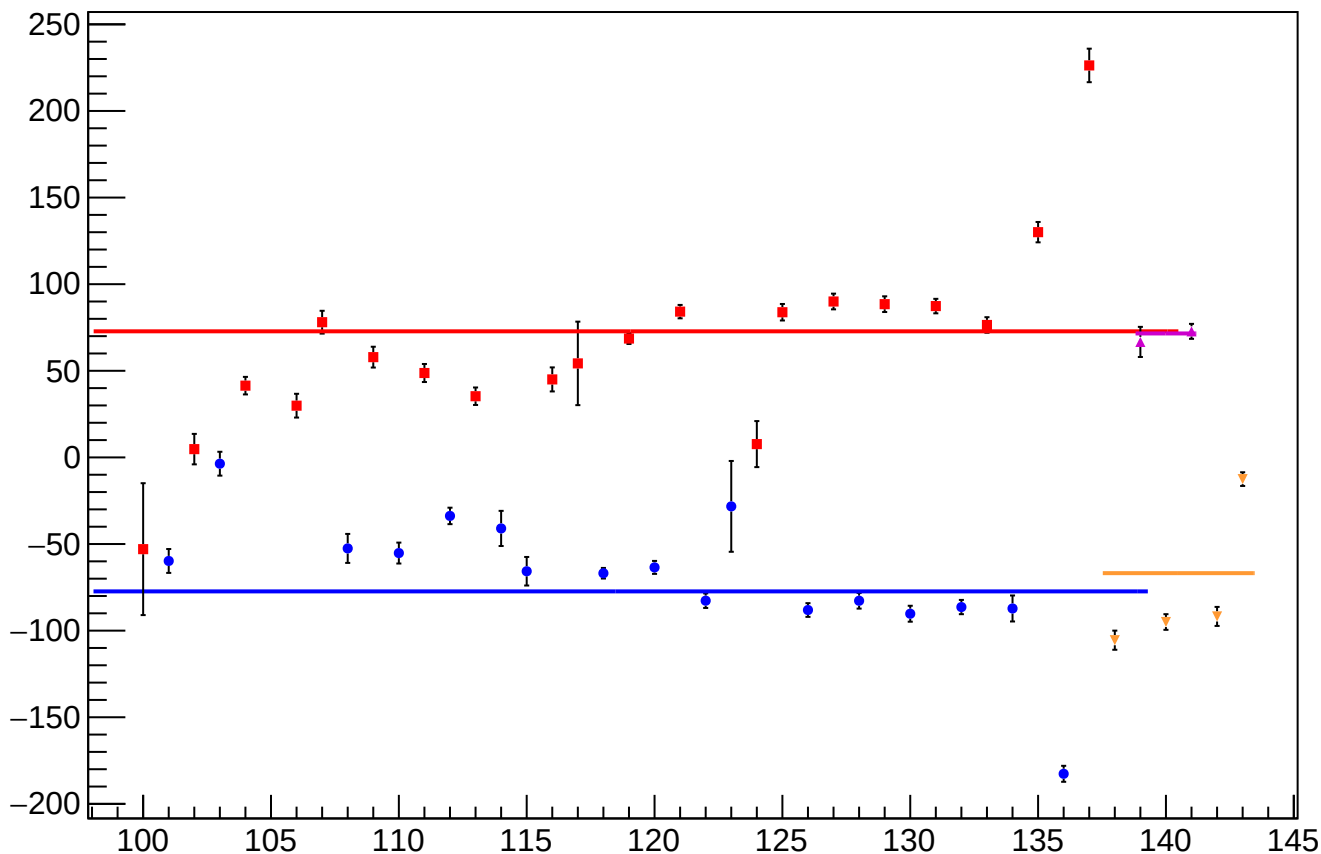
Left In: 265.785 ± 3.812 $\chi^2/\text{NDF}: 3.7/1$

-193.209 ± 1.616 $\chi^2/\text{NDF}: 3802.4/20$

2.507 ± 1.176 $\chi^2/\text{NDF}: 37029.1/42$

222.966 ± 1.715 $\chi^2/\text{NDF}: 2049.3/21$

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

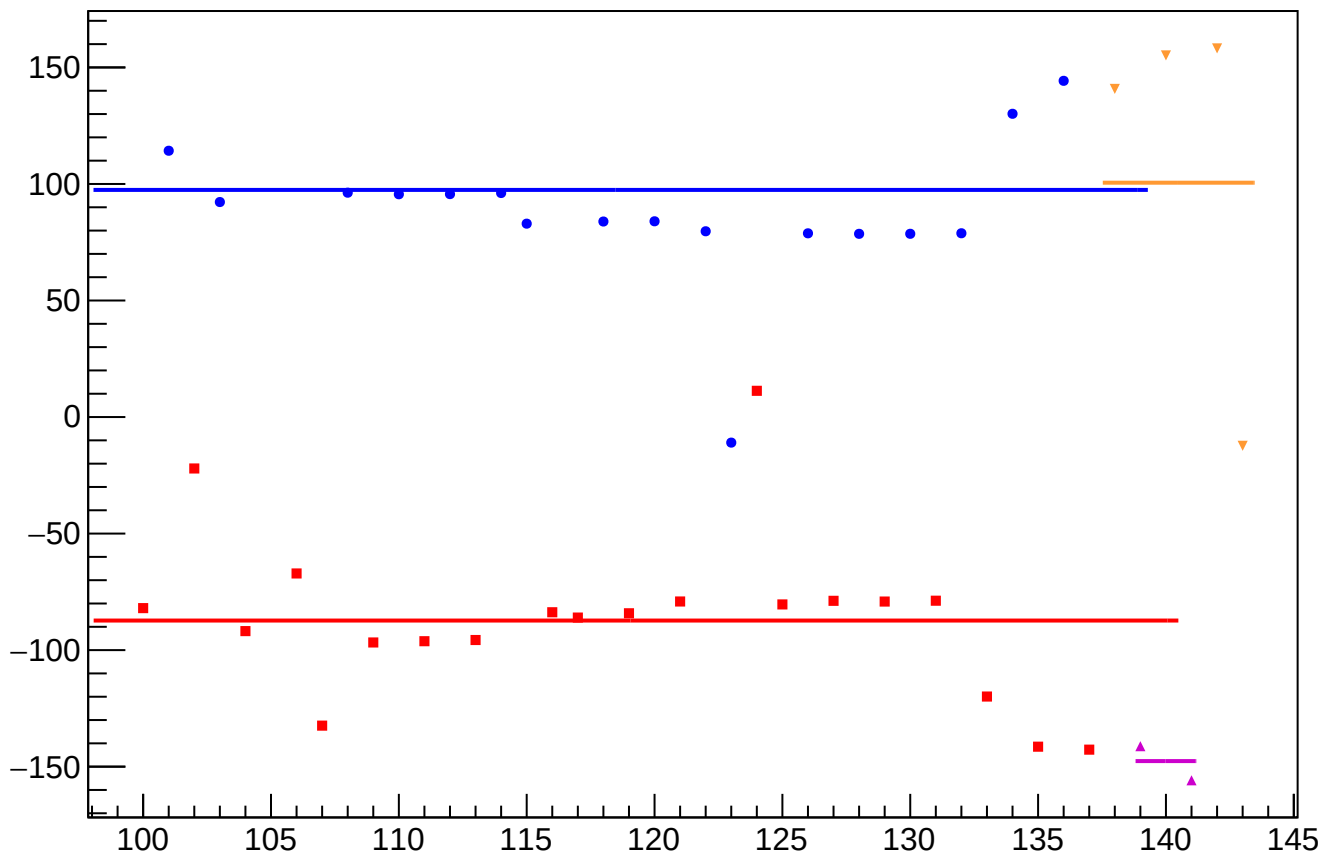
Left In: 71.559 +/- 3.872 χ^2/NDF : 0.4/1

-75.130 +/- 1.084 χ^2/NDF : 1130.2/20

-5.755 +/- 0.789 χ^2/NDF : 10535.1/42

72.680 +/- 1.152 χ^2/NDF : 674.0/21

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.452 ± 0.073 χ^2/NDF : 94476.4/16

Left Out: 100.548 ± 0.112 χ^2/NDF : 446949.8/3

Right Out: -87.312 ± 0.068 χ^2/NDF : 221838.4/19

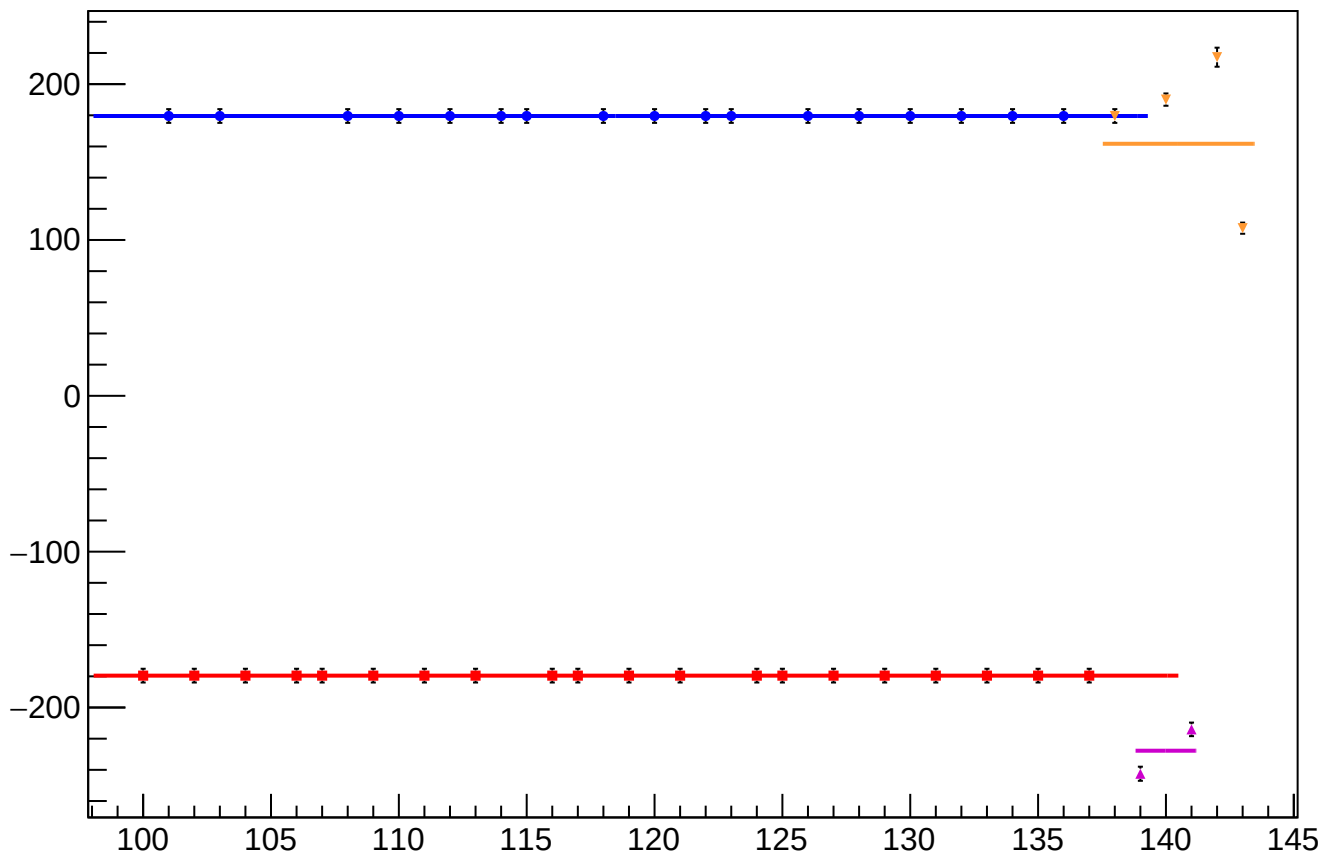
Left In: -147.612 ± 0.143 χ^2/NDF : 2559.6/1

98.381 ± 0.061 χ^2/NDF : 541961.9/20

0.413 ± 0.043 χ^2/NDF : 6041667.7/42

-98.420 ± 0.062 χ^2/NDF : 368545.6/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 179.552 ± 1.071 χ^2/NDF : 0.0/16

Left Out: 161.727 ± 2.133 χ^2/NDF : 378.5/3

Right Out: -179.552 ± 0.988 χ^2/NDF : 0.0/19

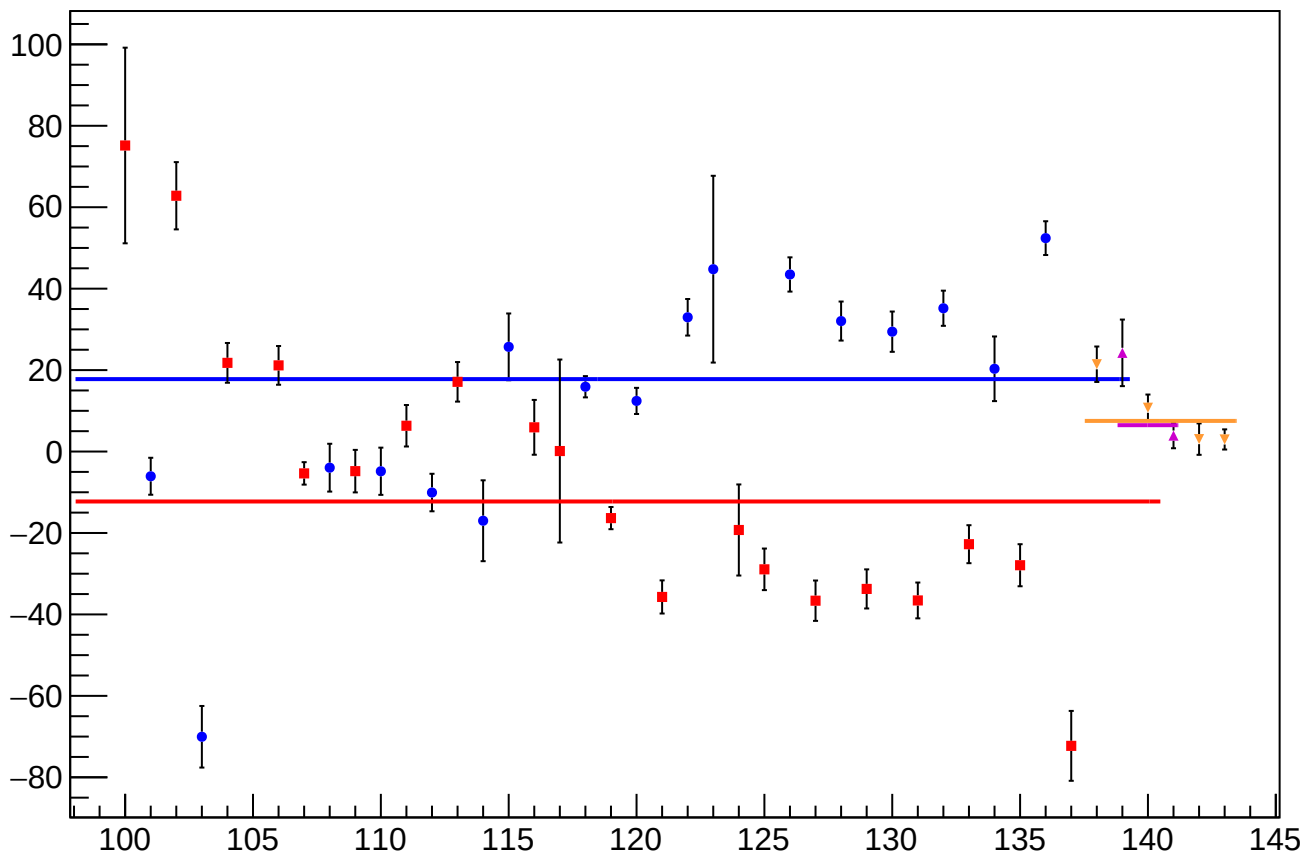
Left In: -227.726 ± 3.139 χ^2/NDF : 20.5/1

175.962 ± 0.957 χ^2/NDF : 434.3/20

-6.841 ± 0.671 χ^2/NDF : 72466.2/42

-183.890 ± 0.942 χ^2/NDF : 234.8/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.786 ± 1.146 χ^2/NDF : 395.1/16

Left Out: 7.523 ± 1.626 χ^2/NDF : 15.9/3

Right Out: -12.265 ± 1.085 χ^2/NDF : 444.0/19

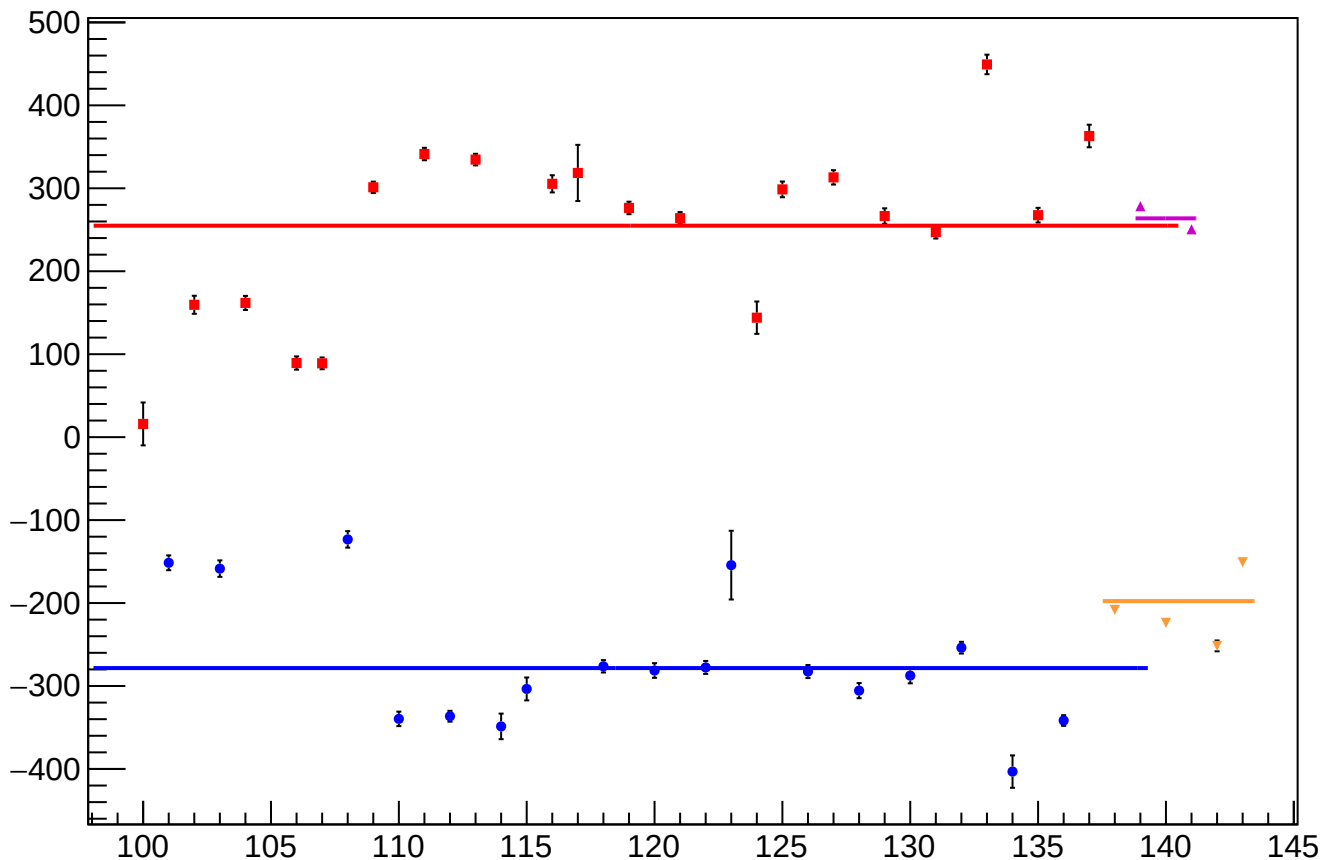
Left In: 6.475 ± 2.902 χ^2/NDF : 5.4/1

14.377 ± 0.937 χ^2/NDF : 437.7/20

3.190 ± 0.689 χ^2/NDF : 1234.0/42

-9.968 ± 1.016 χ^2/NDF : 486.0/21

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

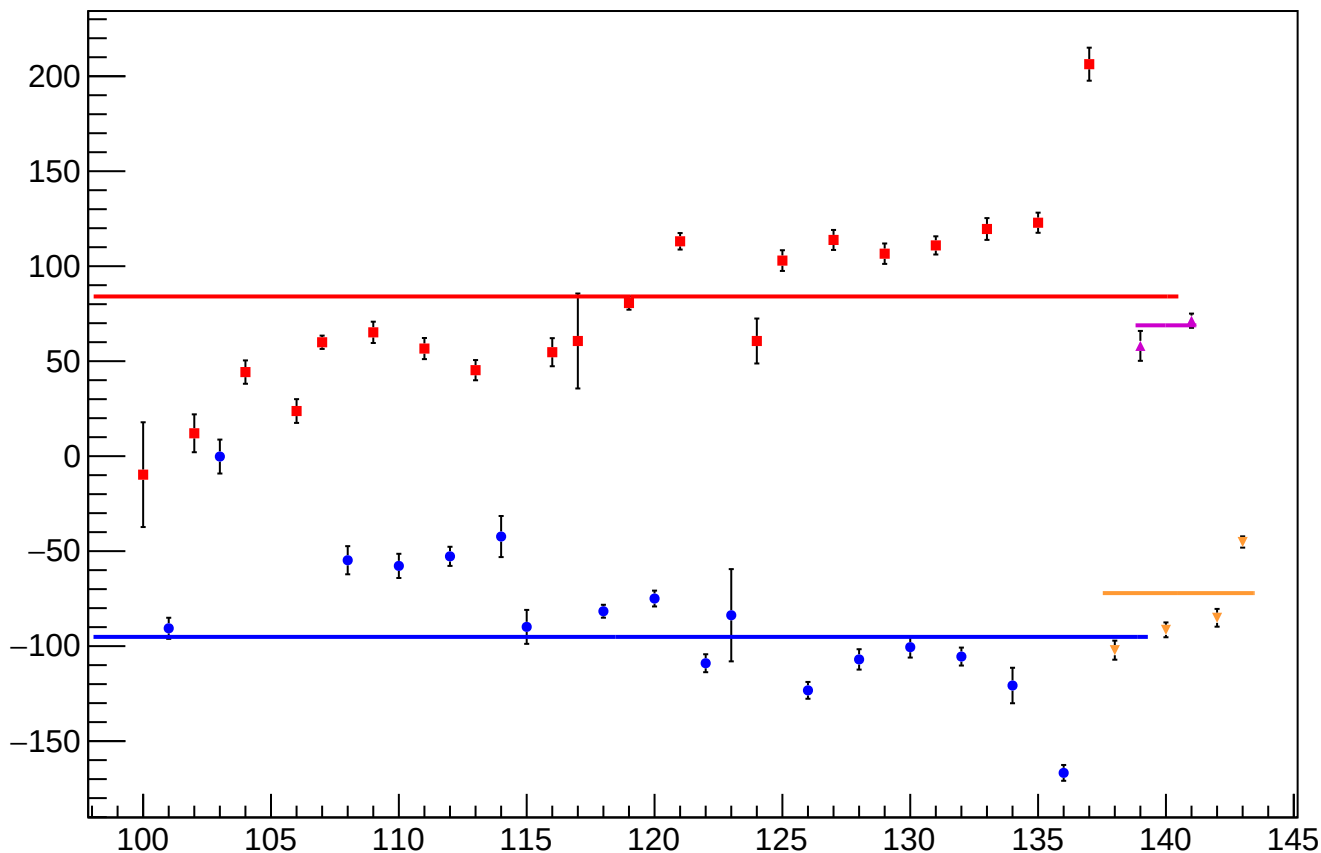
Left In: 263.751 ± 3.366 χ^2/NDF : 17.1/1

-240.136 ± 1.572 χ^2/NDF : 1829.6/20

-15.124 ± 1.163 χ^2/NDF : 49169.7/42

257.259 ± 1.730 χ^2/NDF : 2064.2/21

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

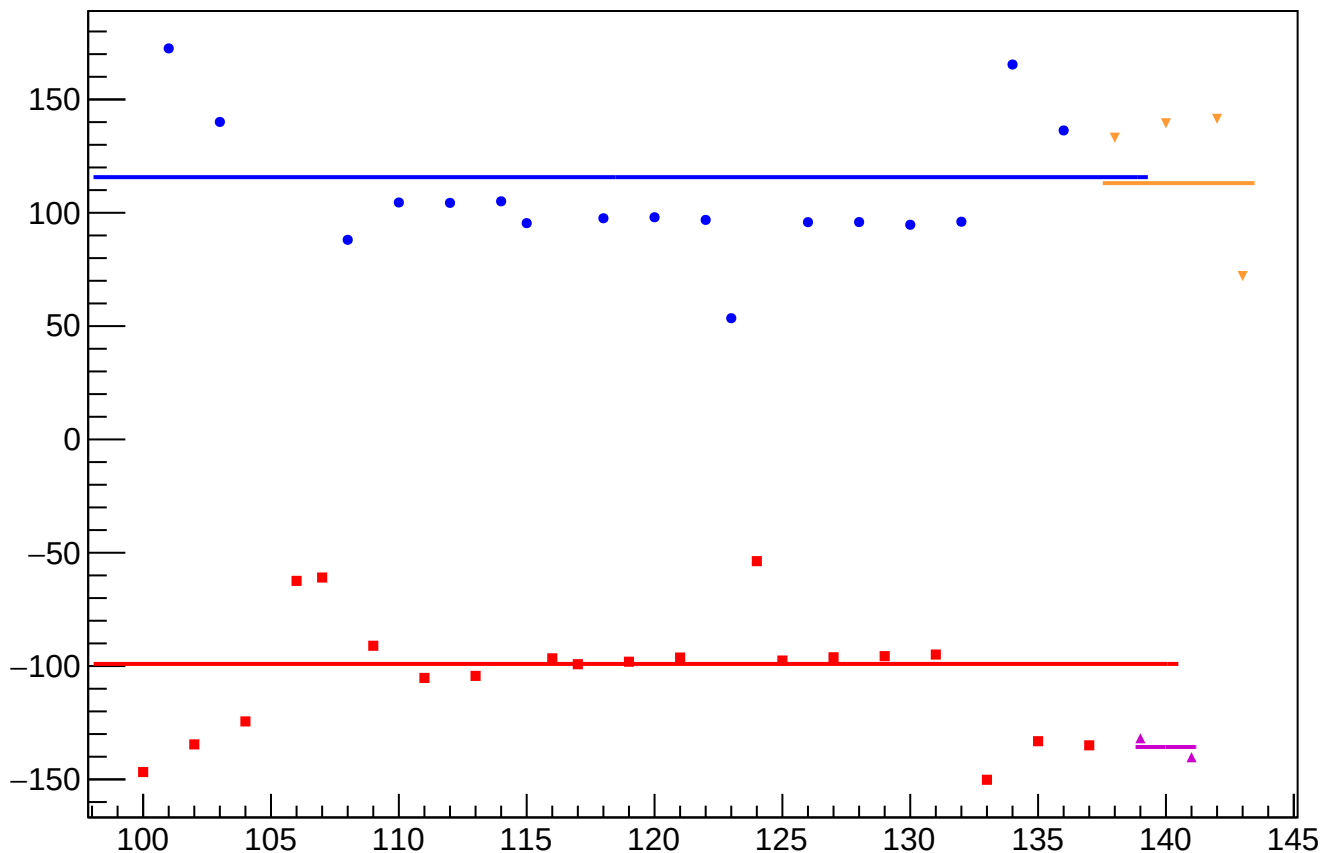
Left In: 68.869+/-3.377 χ^2/NDF : 2.3/1

-87.844+/-1.093 χ^2/NDF : 921.4/20

-9.141+/-0.801 χ^2/NDF : 12919.2/42

82.215+/-1.178 χ^2/NDF : 803.9/21

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.724+/-0.078 χ^2/NDF : 106388.1/16

Left Out: 113.084+/-0.094 χ^2/NDF : 114694.8/3

Right Out: -99.049+/-0.068 χ^2/NDF : 173463.3/19

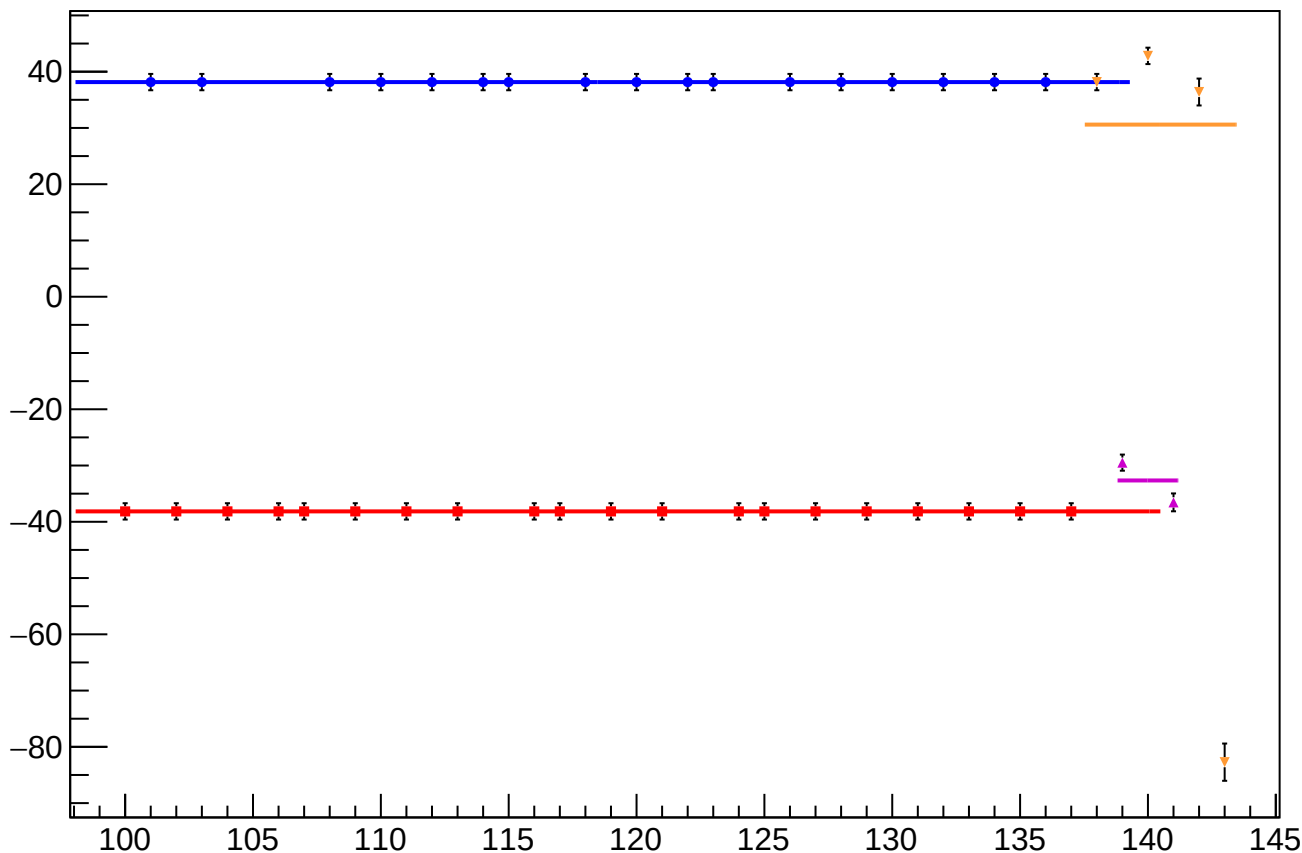
Left In: -135.698+/-0.127 χ^2/NDF : 1078.3/1

114.643+/-0.060 χ^2/NDF : 221552.0/20

4.335+/-0.042 χ^2/NDF : 7277978.1/42

-107.272+/-0.060 χ^2/NDF : 238882.0/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 38.151+/-0.352 χ^2 /NDF: 0.0/16

Left Out: 30.595+/-0.909 χ^2 /NDF:1274.7/3

Right Out: -38.151+/-0.325 χ^2 /NDF: 0.0/19

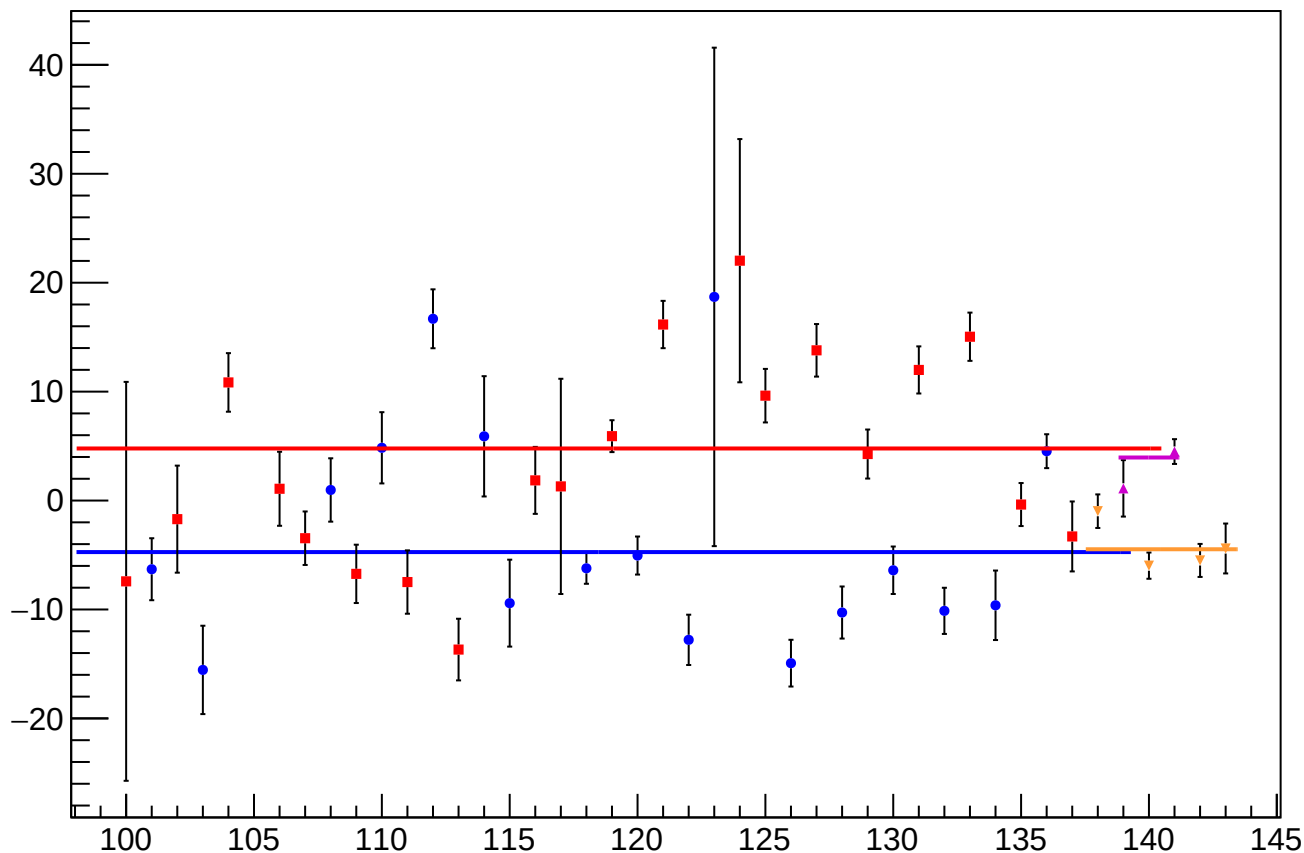
Left In: -32.654+/-1.063 χ^2 /NDF:10.9/1

37.165+/-0.328 χ^2 /NDF: 1334.8/20

-2.348+/-0.226 χ^2 /NDF: 28812.3/42

-37.683+/-0.310 χ^2 /NDF: 35.4/21

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.730 ± 0.580 $\chi^2/\text{NDF}: 174.8/16$

Left Out: -4.471 ± 0.759 $\chi^2/\text{NDF}: 7.2/3$

Right Out: 4.780 ± 0.585 $\chi^2/\text{NDF}: 193.6/19$

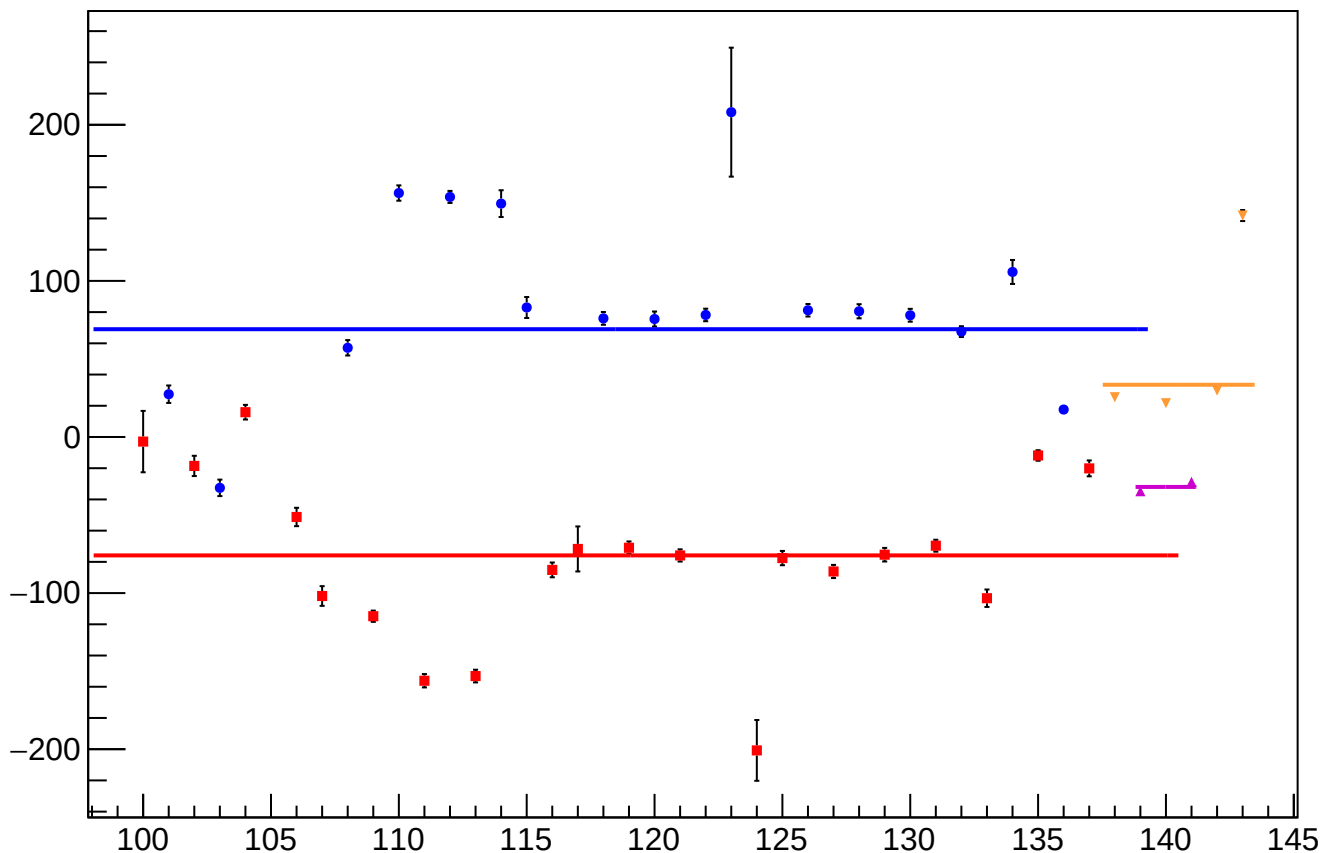
Left In: 3.952 ± 1.042 $\chi^2/\text{NDF}: 1.4/1$

-4.635 ± 0.461 $\chi^2/\text{NDF}: 182.1/20$

-0.493 ± 0.342 $\chi^2/\text{NDF}: 557.5/42$

4.582 ± 0.510 $\chi^2/\text{NDF}: 195.5/21$

reg_asym_atl_dd_atr_dd_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

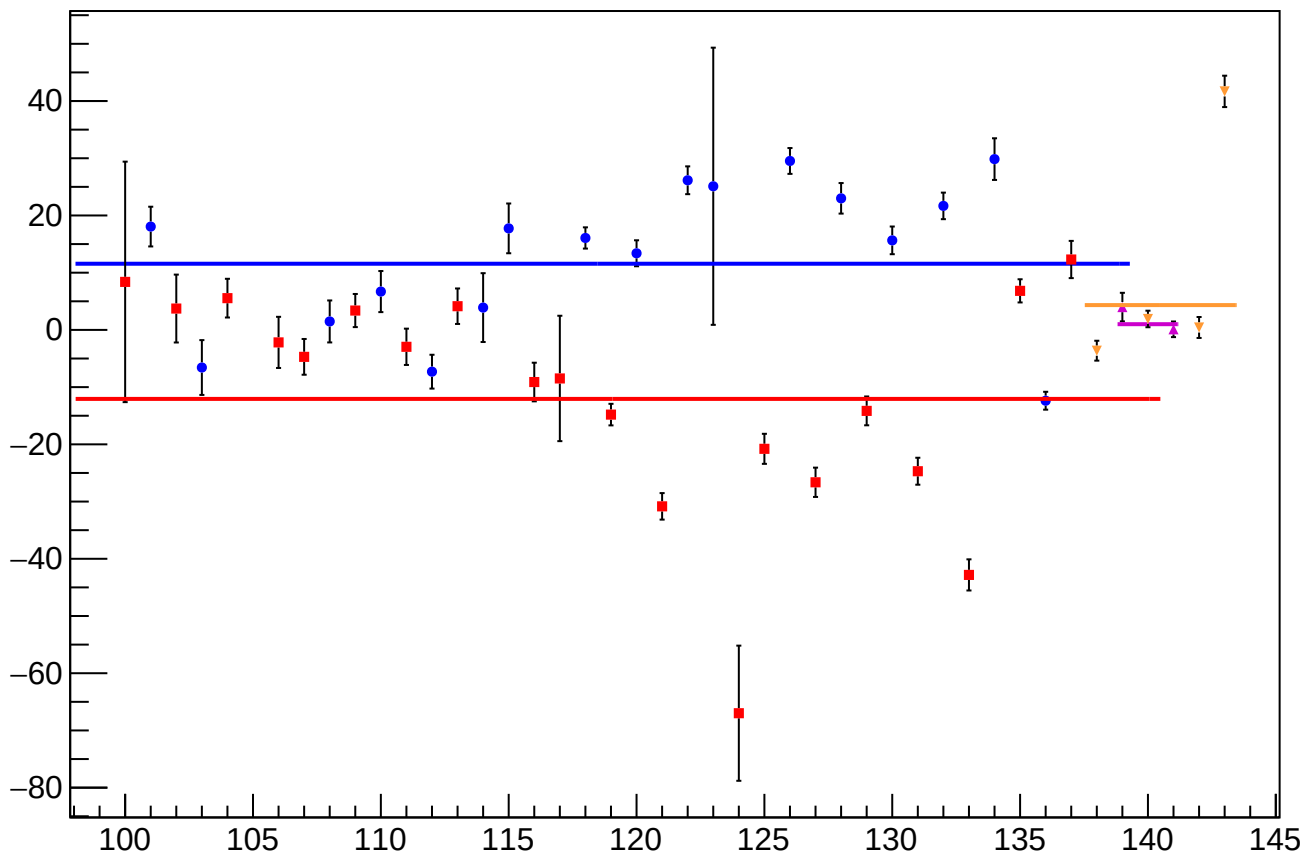
Left In: -31.993 ± 1.142 χ^2/NDF : 6.9/1

49.500 ± 0.723 χ^2/NDF : 3475.3/20

0.975 ± 0.530 χ^2/NDF : 15905.1/42

-55.416 ± 0.779 χ^2/NDF : 2690.1/21

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.565 ± 0.658 χ^2/NDF : 478.2/16

Left Out: 4.336 ± 0.898 χ^2/NDF : 213.8/3

Right Out: -12.058 ± 0.663 χ^2/NDF : 543.4/19

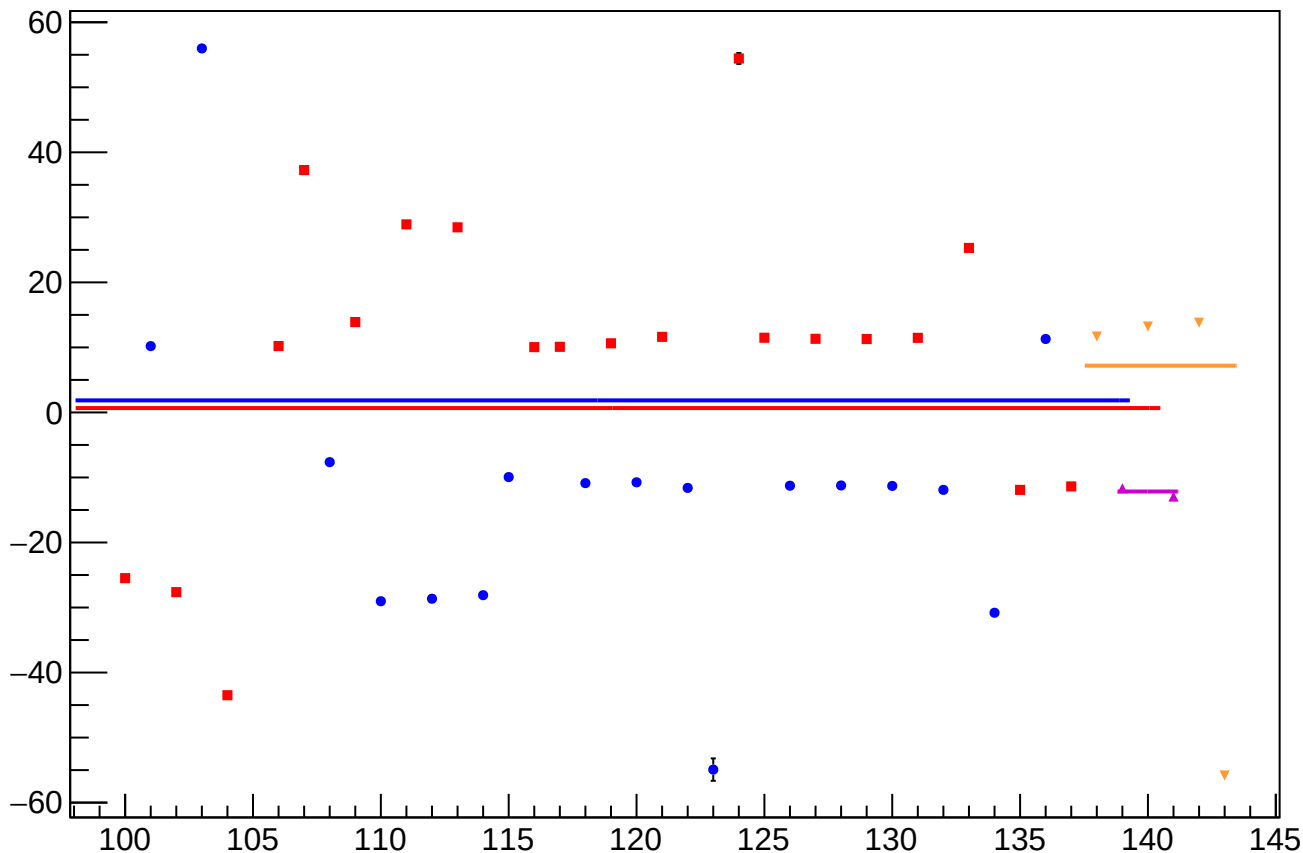
Left In: 1.000 ± 1.197 χ^2/NDF : 1.9/1

9.037 ± 0.531 χ^2/NDF : 734.2/20

0.822 ± 0.392 χ^2/NDF : 1896.1/42

-8.992 ± 0.580 χ^2/NDF : 636.3/21

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855 ± 0.037 $\chi^2/\text{NDF}: 359414.1/16$

Left Out: 7.194 ± 0.040 $\chi^2/\text{NDF}: 215628.4/3$

Right Out: 0.673 ± 0.037 $\chi^2/\text{NDF}: 361828.1/19$

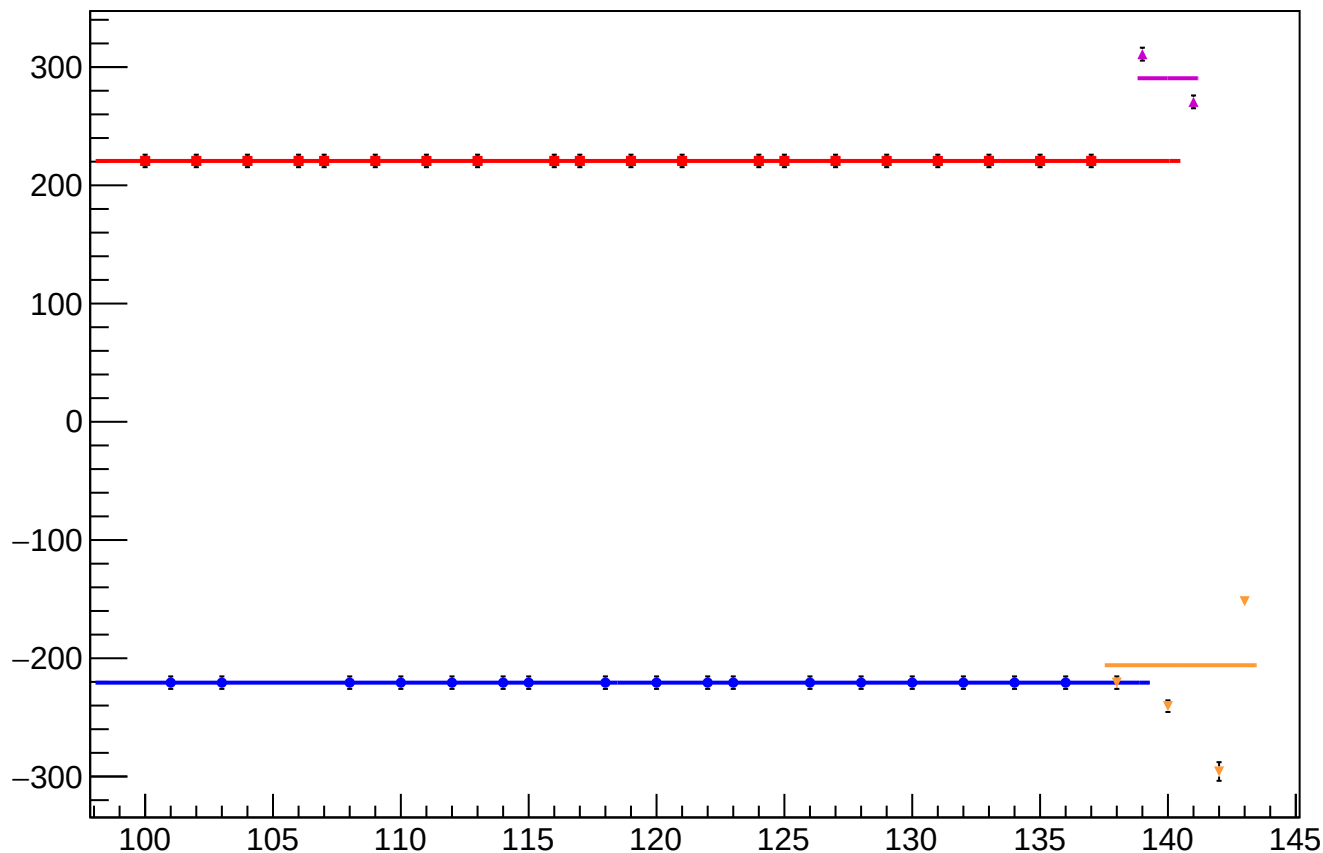
Left In: -12.161 ± 0.043 $\chi^2/\text{NDF}: 216.0/1$

4.330 ± 0.027 $\chi^2/\text{NDF}: 584693.0/20$

-0.115 ± 0.019 $\chi^2/\text{NDF}: 1053935.6/42$

-4.840 ± 0.028 $\chi^2/\text{NDF}: 413745.8/21$

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -220.625 $\pm$ 1.284 χ^2/NDF : 0.0/16

Left Out: -205.887 $\pm$ 2.533 χ^2/NDF : 371.1/3

Right Out: 220.625 $\pm$ 1.184 χ^2/NDF : 0.0/19

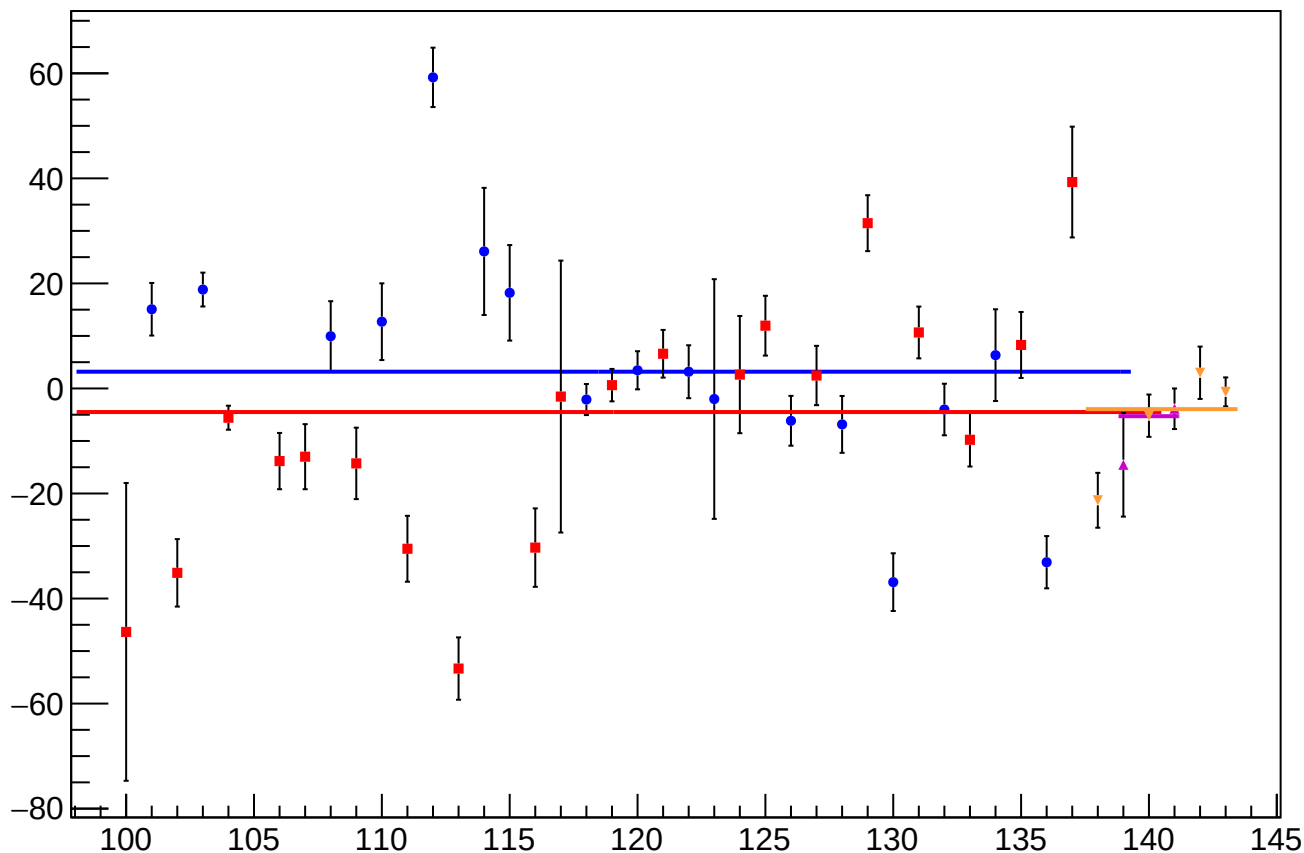
Left In: 290.560 $\pm$ 3.856 χ^2/NDF : 27.4/1

-217.612 $\pm$ 1.145 χ^2/NDF : 398.0/20

7.169 $\pm$ 0.805 χ^2/NDF : 76869.0/42

226.649 $\pm$ 1.132 χ^2/NDF : 328.0/21

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 $\chi^2/\text{NDF}: 225.4/19$

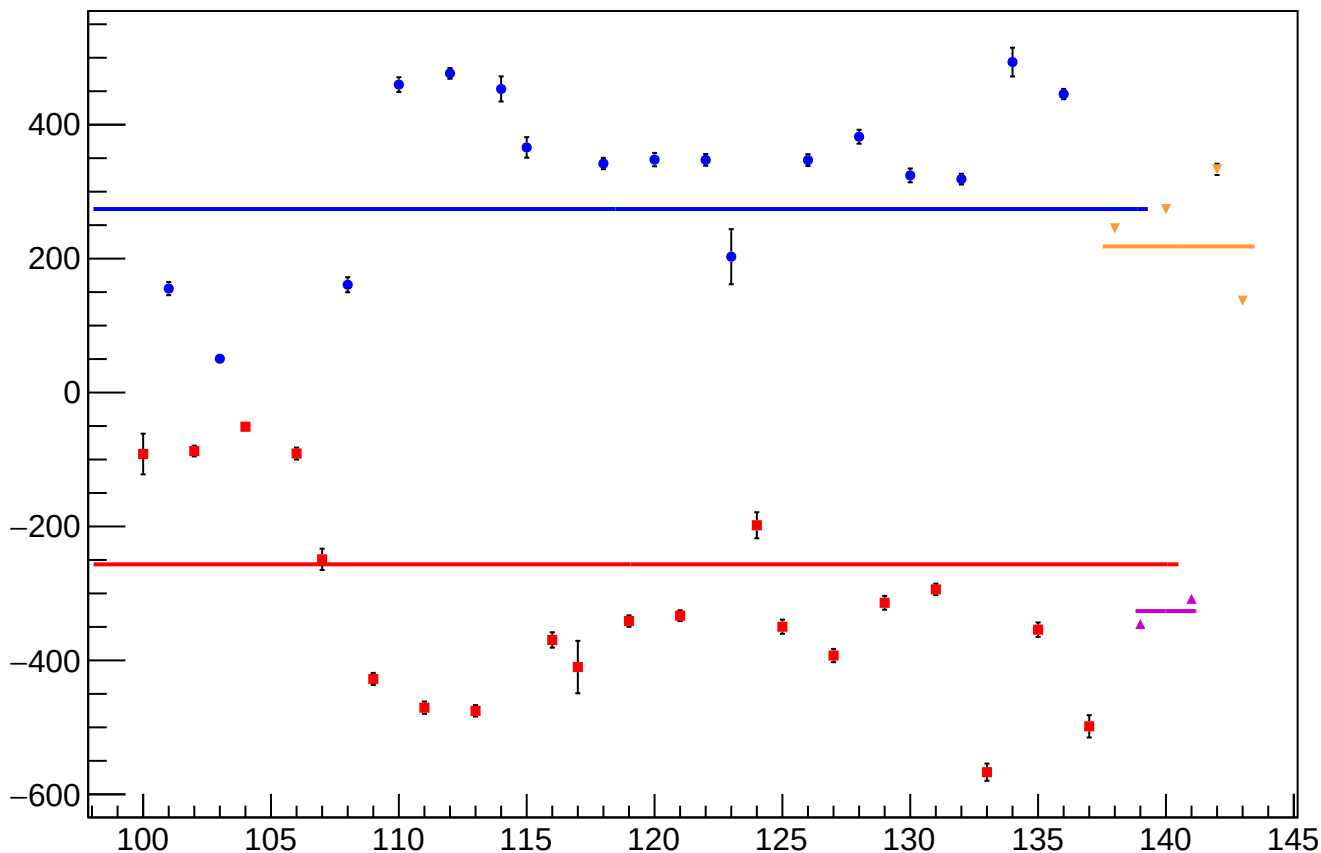
Left In: -5.282 ± 3.598 $\chi^2/\text{NDF}: 1.0/1$

1.129 ± 1.033 $\chi^2/\text{NDF}: 279.9/20$

-1.533 ± 0.754 $\chi^2/\text{NDF}: 520.6/42$

-4.566 ± 1.103 $\chi^2/\text{NDF}: 226.5/21$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 274.079+/-2.191 χ^2/NDF : 5112.0/16

Left Out: 218.164+/-2.712 χ^2/NDF : 682.5/3

Right Out: -256.542+/-2.077 χ^2/NDF : 6459.5/19

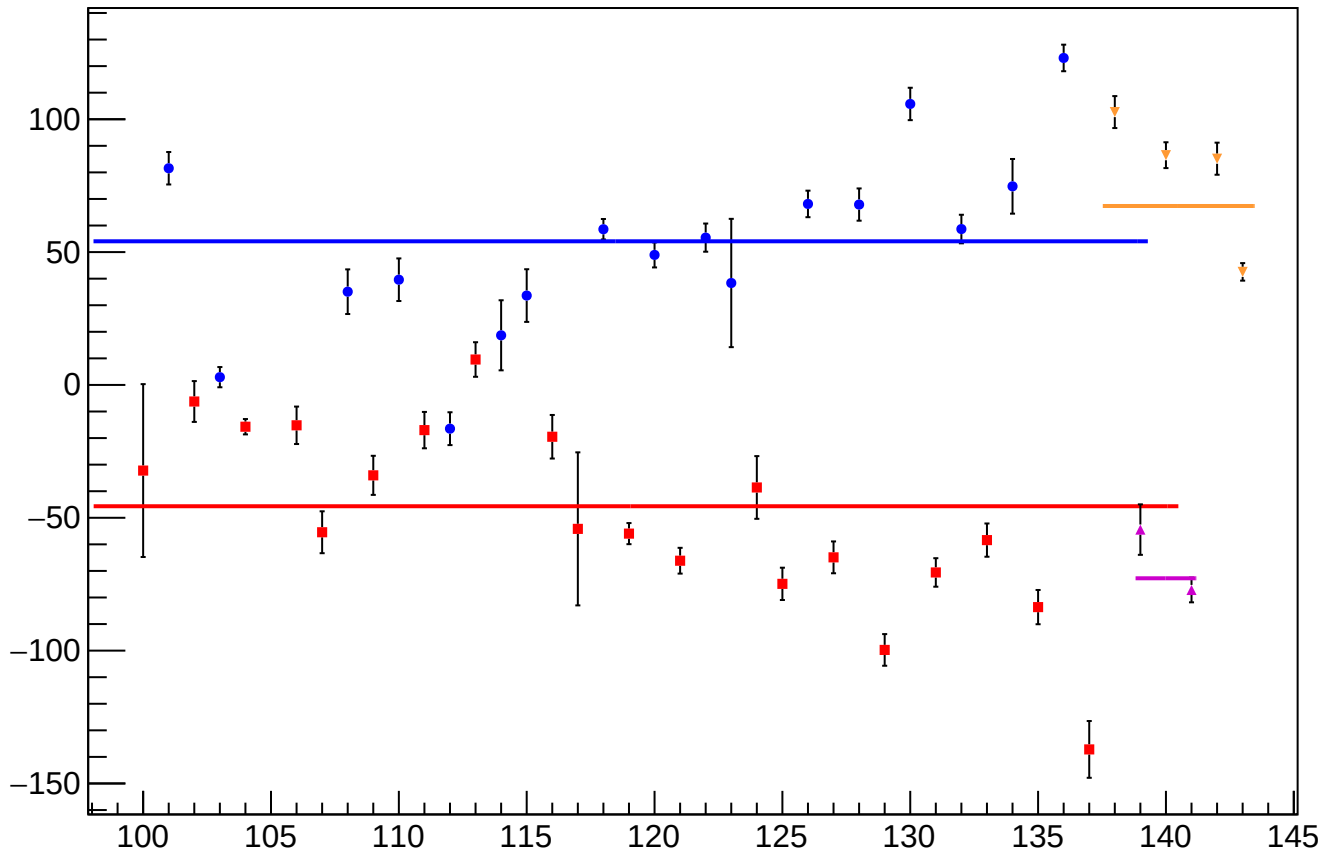
Left In: -326.285+/-4.136 χ^2/NDF : 20.5/1

251.995+/-1.704 χ^2/NDF : 6051.7/20

12.984+/-1.255 χ^2/NDF : 55764.7/42

-270.589+/-1.856 χ^2/NDF : 6707.0/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.065 ± 1.421 χ^2/NDF : 634.4/16

Left Out: 67.350 ± 2.300 χ^2/NDF : 115.1/3

Right Out: -45.656 ± 1.358 χ^2/NDF : 530.9/19

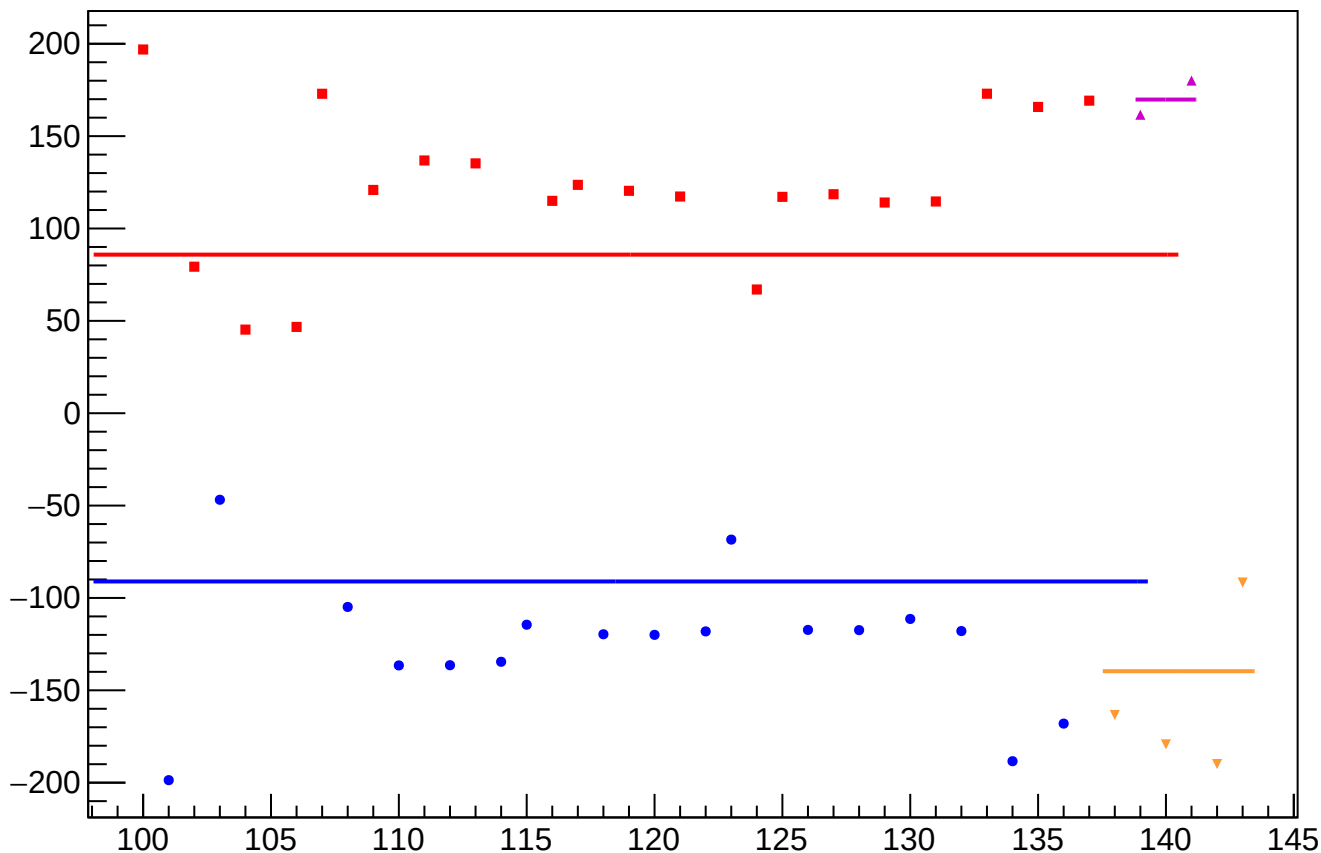
Left In: -72.770 ± 4.180 χ^2/NDF : 4.6/1

57.734 ± 1.209 χ^2/NDF : 773.7/20

8.246 ± 0.882 χ^2/NDF : 4938.2/42

-48.243 ± 1.291 χ^2/NDF : 573.5/21

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

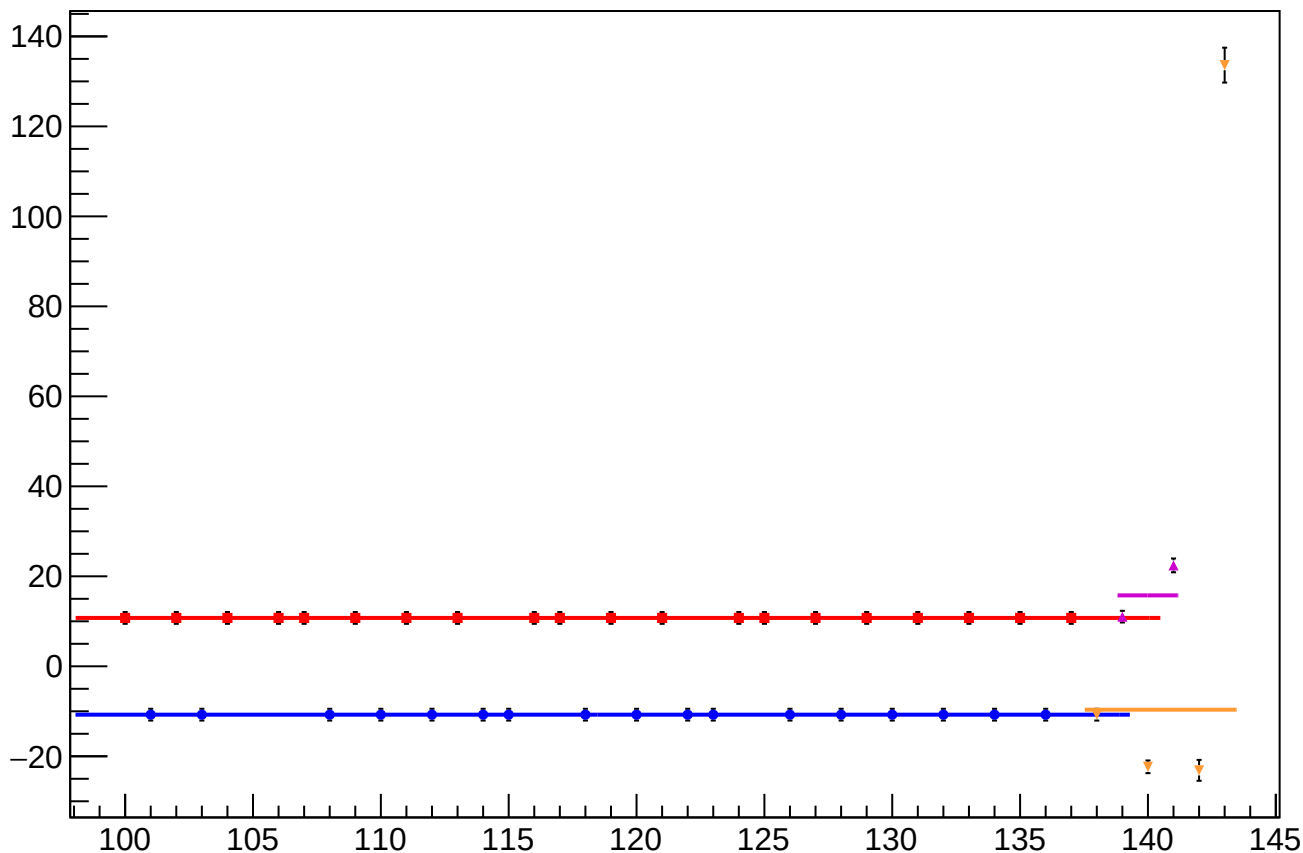
Left In: 169.801 $\pm$ 0.156 χ^2 /NDF: 3472.0/1

-104.201 $\pm$ 0.058 χ^2 /NDF: 816024.0/20

-6.913 $\pm$ 0.042 χ^2 /NDF: 7482784.3/42

98.293 $\pm$ 0.060 χ^2 /NDF: 747012.9/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.752 ± 0.318 χ^2/NDF : 0.0/16

Left Out: -9.644 ± 0.866 χ^2/NDF : 1477.7/3

Right Out: 10.752 ± 0.293 χ^2/NDF : 0.0/19

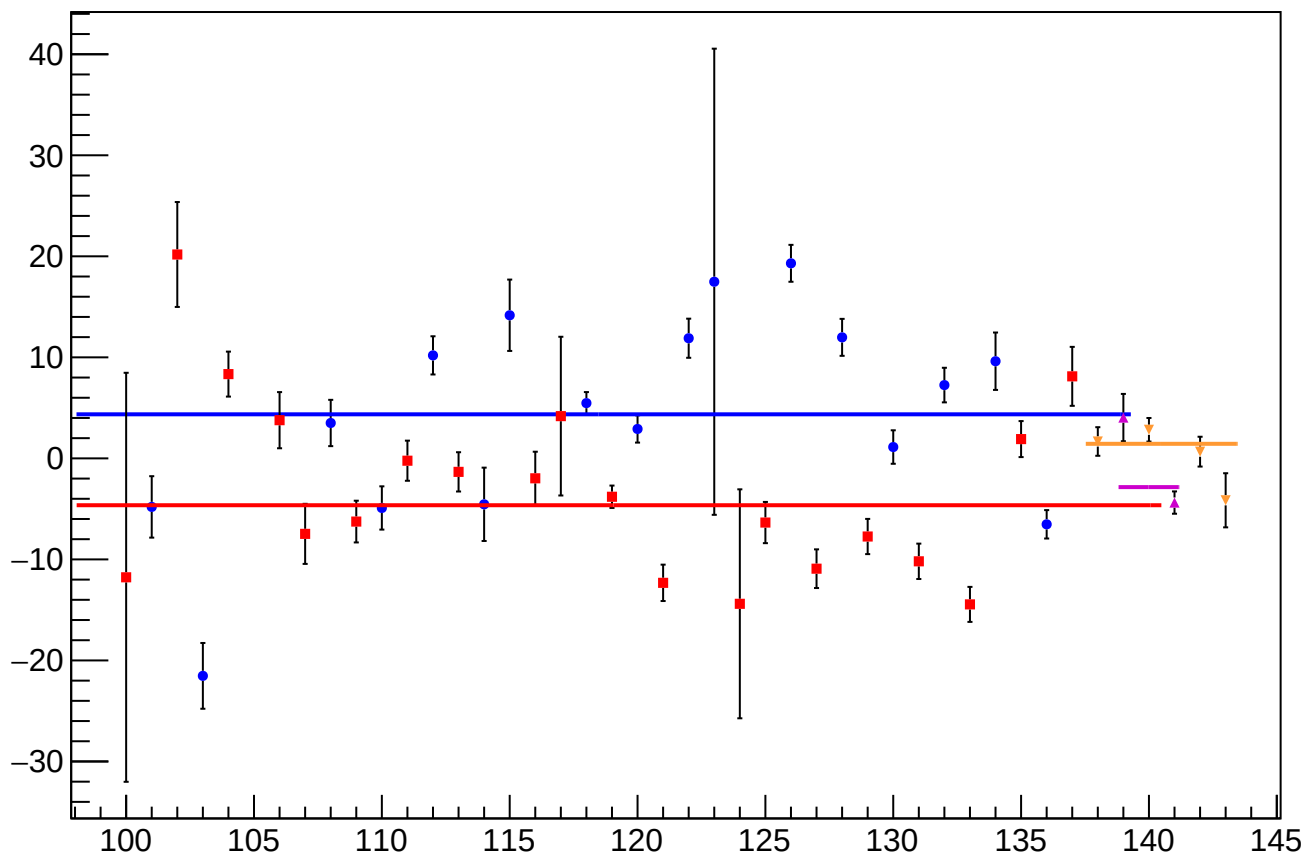
Left In: 15.763 ± 0.992 χ^2/NDF : 32.0/1

-10.620 ± 0.299 χ^2/NDF : 1479.1/20

0.918 ± 0.205 χ^2/NDF : 4352.1/42

11.155 ± 0.281 χ^2/NDF : 55.5/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361 $\pm$ 0.464 χ^2 /NDF: 286.5/16

Left Out: 1.441 $\pm$ 0.739 χ^2 /NDF: 6.1/3

Right Out: -4.638 $\pm$ 0.473 χ^2 /NDF: 186.6/19

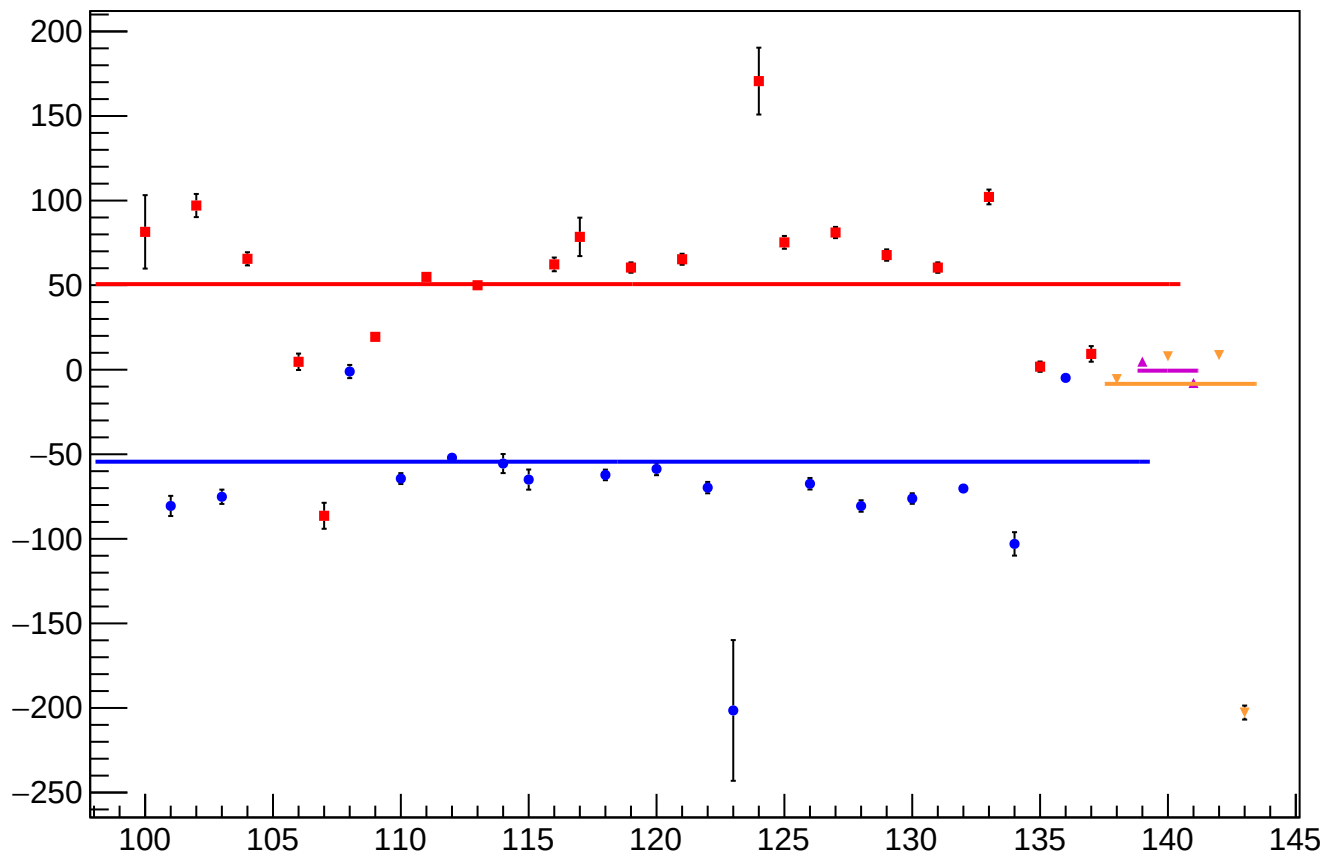
Left In: -2.844 $\pm$ 0.999 χ^2 /NDF: 10.5/1

3.534 $\pm$ 0.393 χ^2 /NDF: 303.8/20

-0.057 $\pm$ 0.289 χ^2 /NDF: 685.9/42

-4.309 $\pm$ 0.428 χ^2 /NDF: 199.8/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.392 ± 0.863 χ^2/NDF : 1013.4/16

Left Out: -8.365 ± 0.930 χ^2/NDF : 2369.1/3

Right Out: 50.600 ± 0.855 χ^2/NDF : 1330.8/19

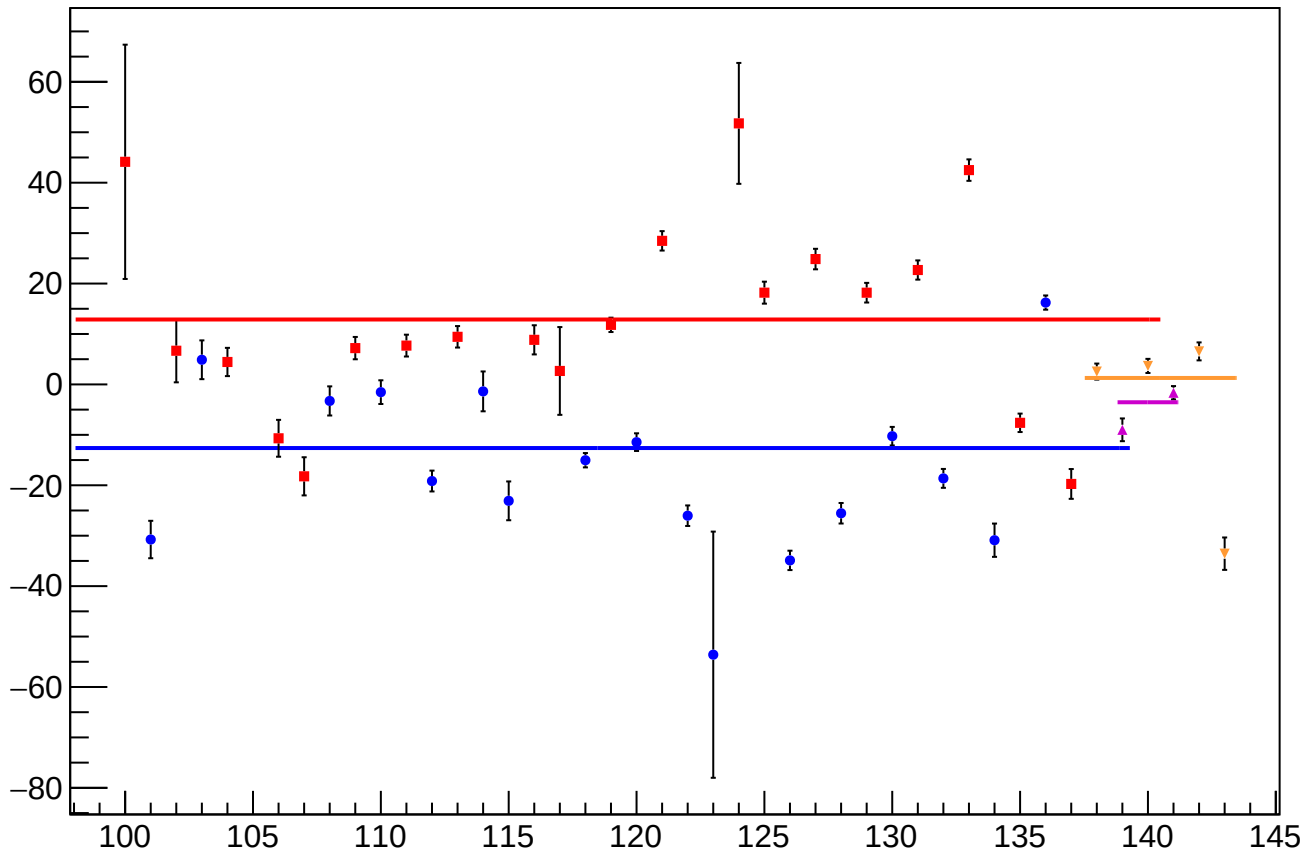
Left In: -0.576 ± 1.066 χ^2/NDF : 34.2/1

-33.111 ± 0.632 χ^2/NDF : 4699.1/20

-2.962 ± 0.459 χ^2/NDF : 12266.4/42

30.558 ± 0.667 χ^2/NDF : 2768.1/21

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

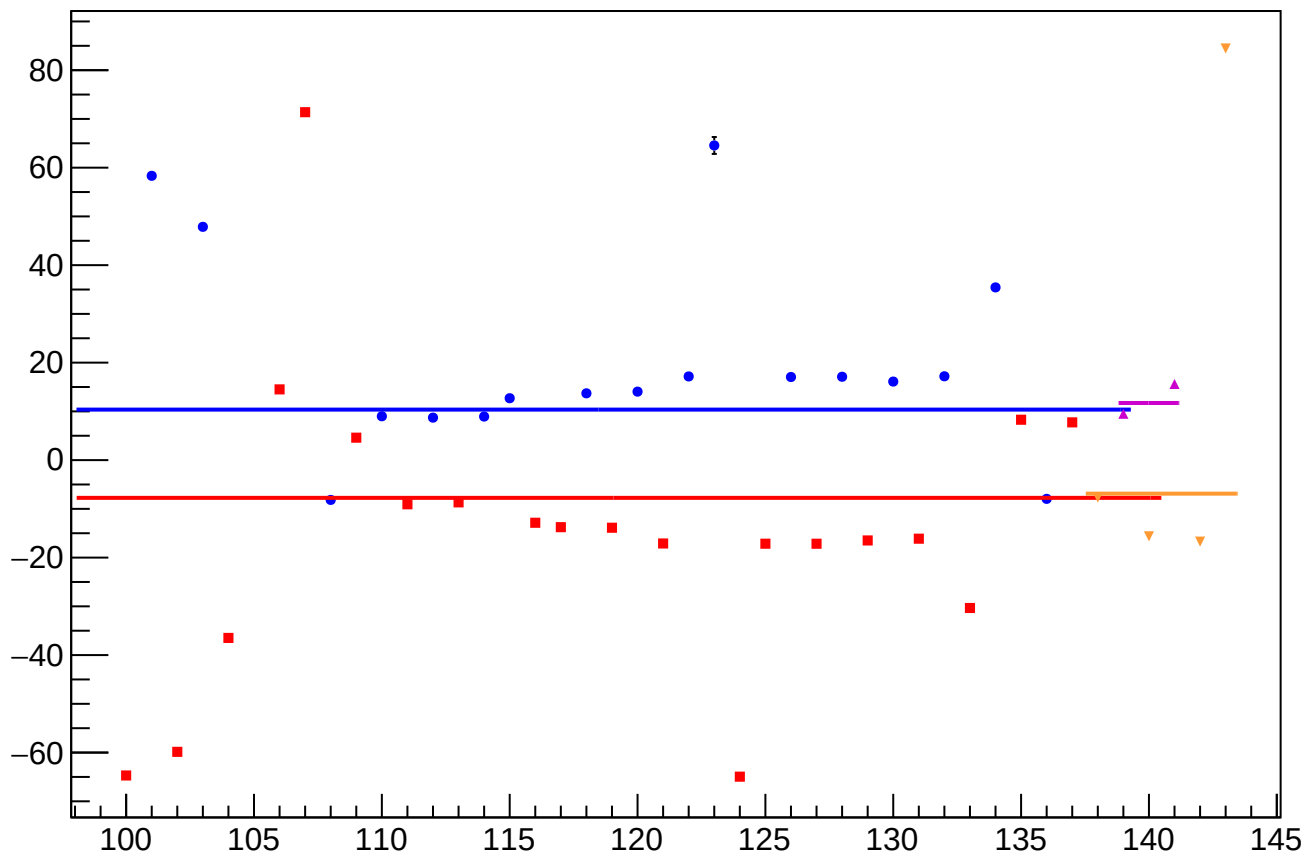
Left In: -3.539 ± 1.142 χ^2/NDF : 7.9/1

-8.859 ± 0.453 χ^2/NDF : 1104.0/20

-0.142 ± 0.331 χ^2/NDF : 2809.8/42

9.900 ± 0.486 χ^2/NDF : 908.6/21

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

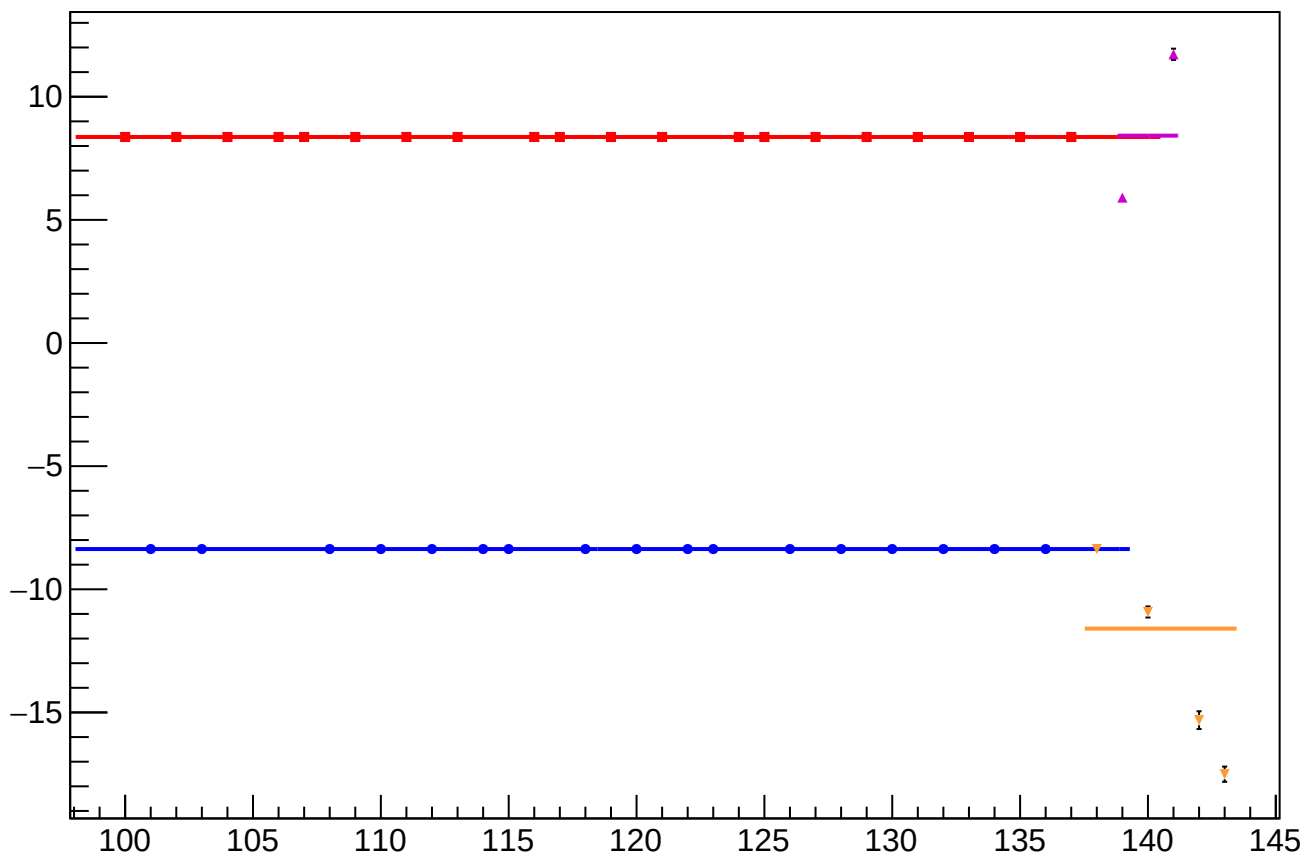
Left In: 11.721+/-0.040 χ^2/NDF : 5501.9/1

3.555+/-0.024 χ^2/NDF : 837260.3/20

1.696+/-0.017 χ^2/NDF : 1549734.7/42

-0.283+/-0.025 χ^2/NDF : 699822.5/21

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.366 ± 0.050 χ^2/NDF : 0.0/16

Left Out: -11.597 ± 0.127 χ^2/NDF : 729.2/3

Right Out: 8.366 ± 0.046 χ^2/NDF : 0.0/19

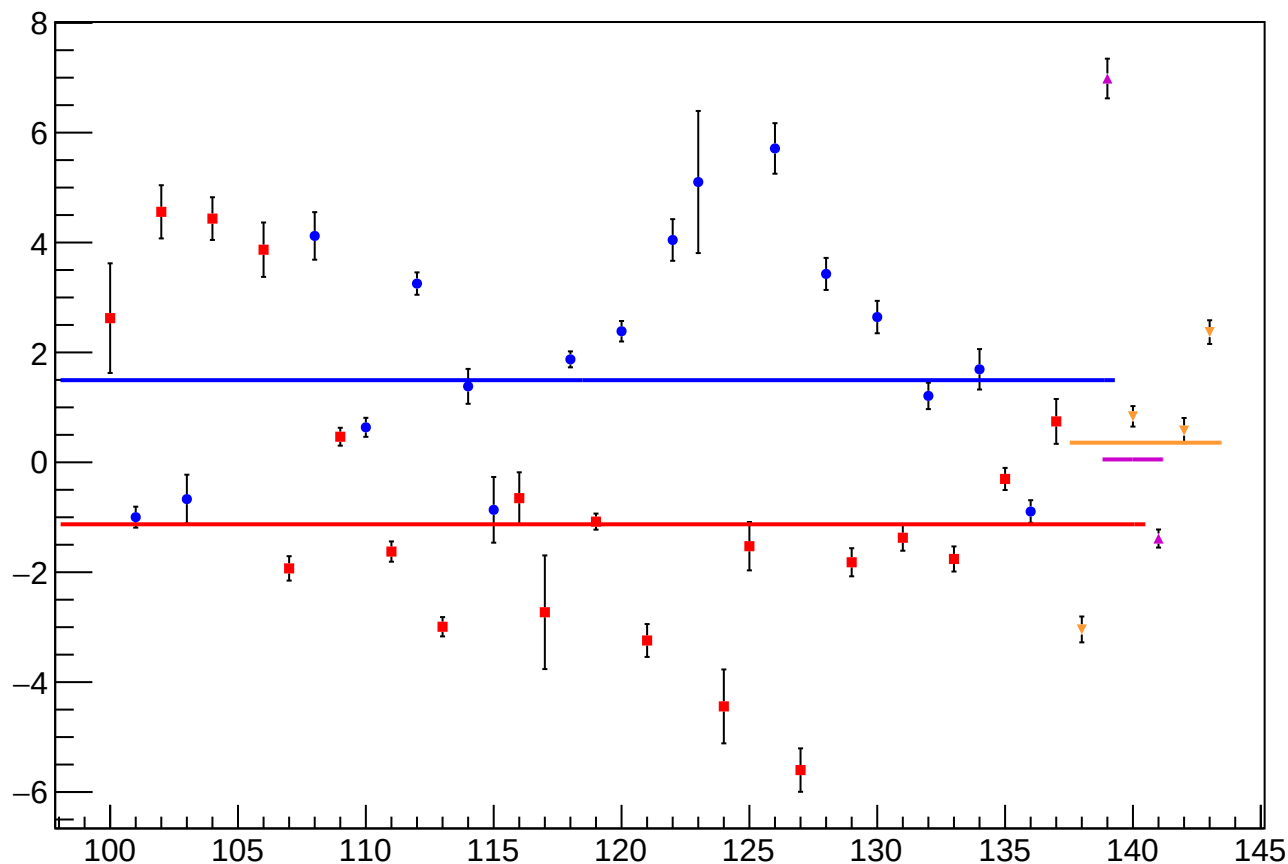
Left In: 8.420 ± 0.150 χ^2/NDF : 367.2/1

-8.793 ± 0.046 χ^2/NDF : 1288.6/20

0.257 ± 0.032 χ^2/NDF : 74183.7/42

8.371 ± 0.044 χ^2/NDF : 367.3/21

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.495+/-0.061 χ^2/NDF : 708.8/16

Left Out: 0.357+/-0.107 χ^2/NDF : 303.1/3

Right Out: -1.128+/-0.058 χ^2/NDF : 948.9/19

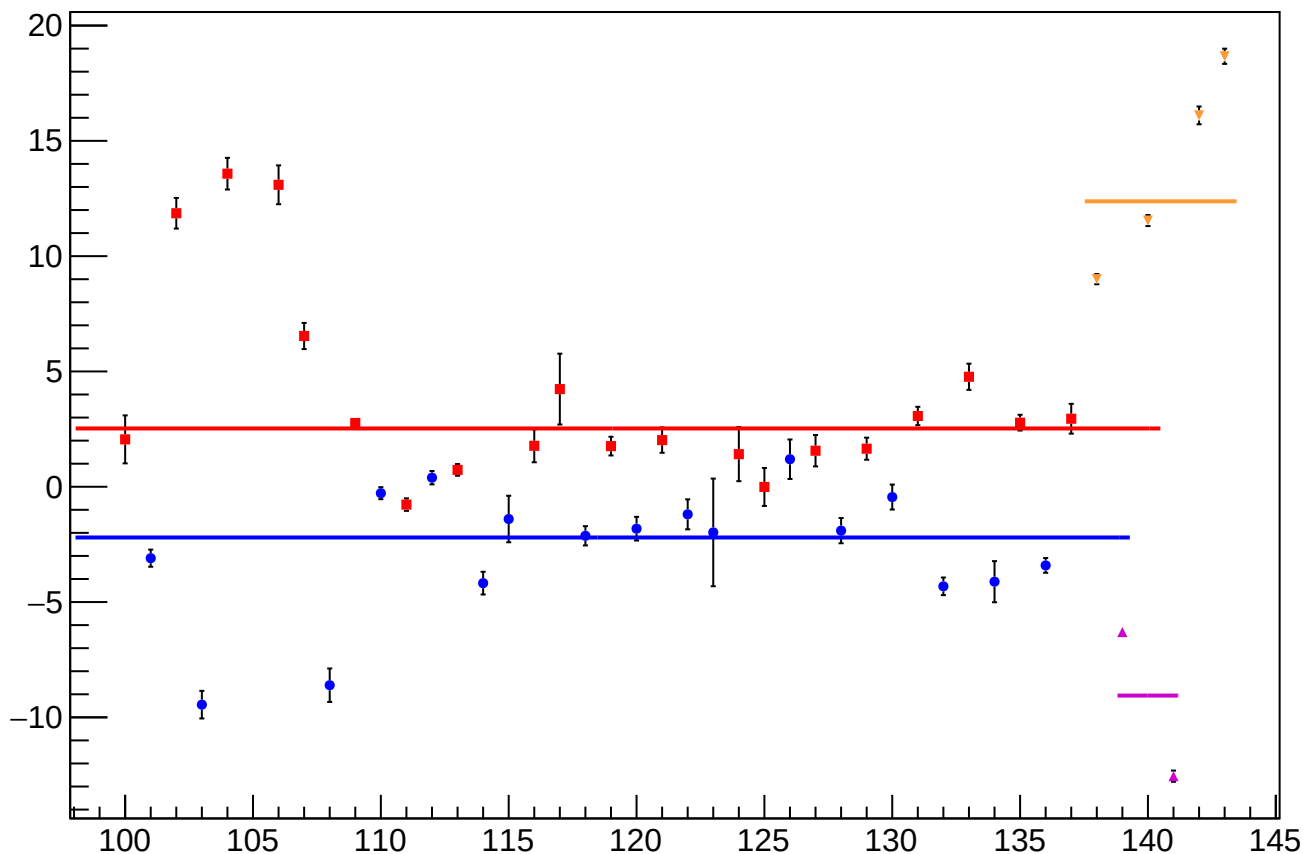
Left In: 0.053+/-0.150 χ^2/NDF : 445.2/1

1.215+/-0.053 χ^2/NDF : 1097.2/20

0.144+/-0.038 χ^2/NDF : 3378.7/42

-0.973+/-0.054 χ^2/NDF : 1448.0/21

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

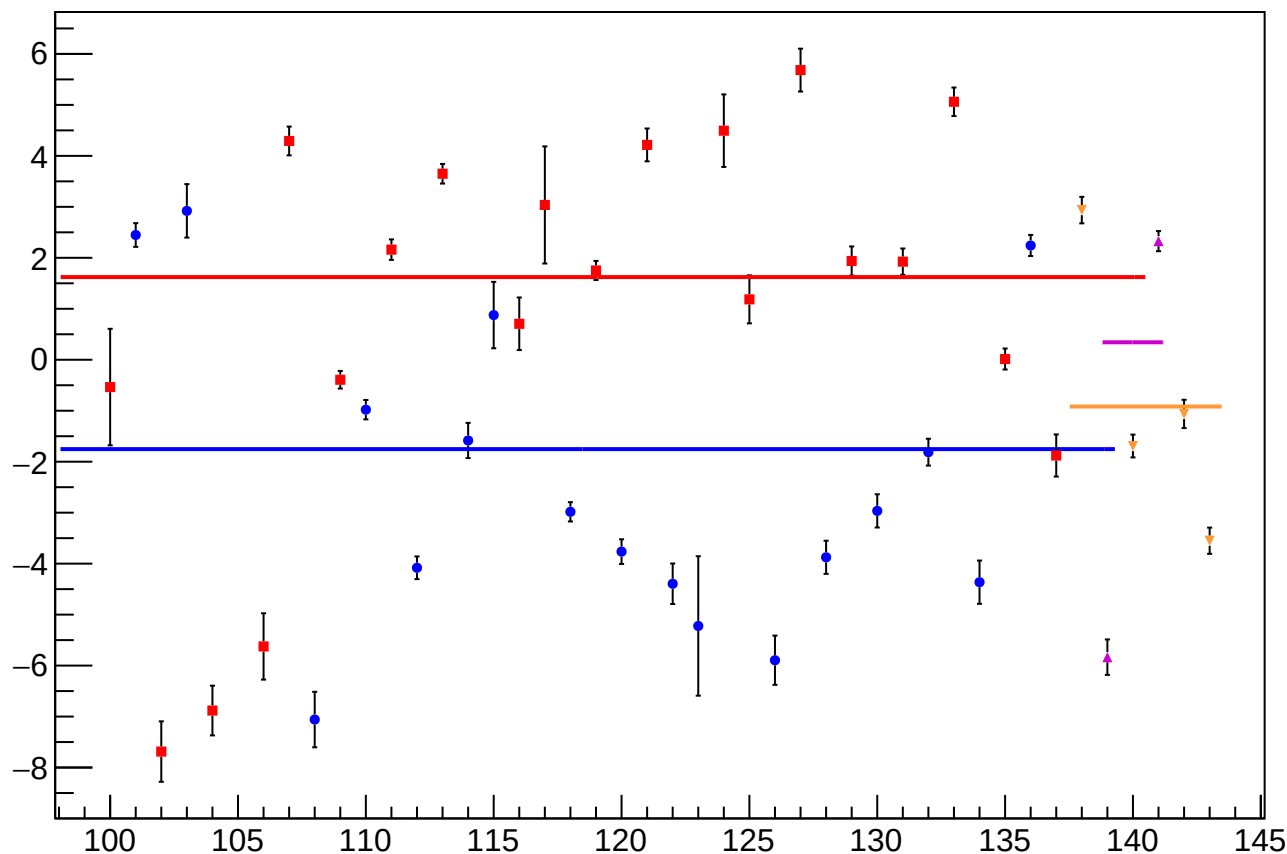
Left In: -9.055+/-0.161 χ^2/NDF : 369.1/1

3.567+/-0.086 χ^2/NDF : 8033.7/20

1.428+/-0.060 χ^2/NDF : 14264.5/42

-0.625+/-0.084 χ^2/NDF : 5018.1/21

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.753+/-0.070 χ^2/NDF : 1345.0/16

Left Out: -0.918+/-0.126 χ^2/NDF : 336.9/3

Right Out: 1.622+/-0.066 χ^2/NDF : 1489.1/19

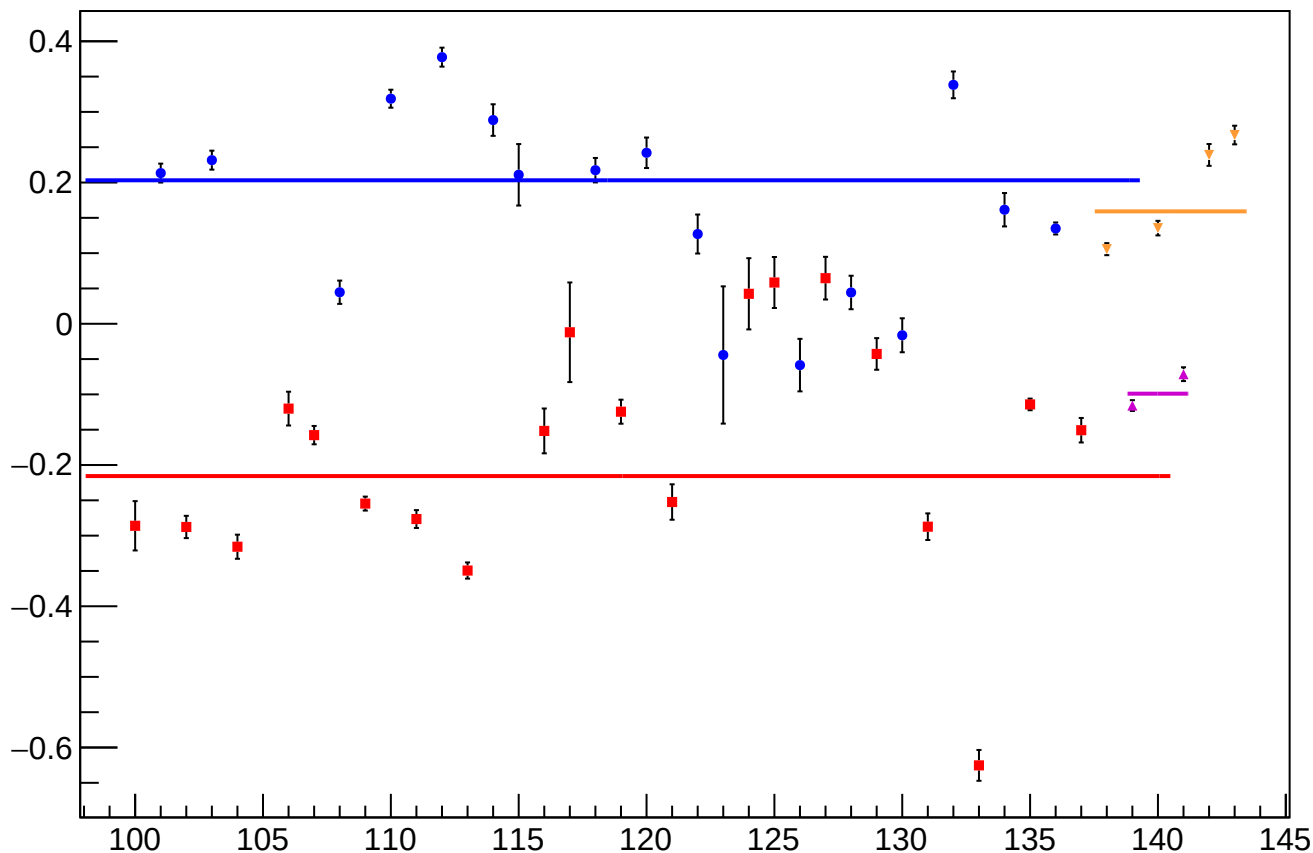
Left In: 0.343+/-0.172 χ^2/NDF : 416.6/1

-1.555+/-0.061 χ^2/NDF : 1715.5/20

-0.046+/-0.043 χ^2/NDF : 4876.5/42

1.459+/-0.061 χ^2/NDF : 1954.2/21

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.159 ± 0.006 χ^2/NDF : 138.3/3

Right Out: -0.216 ± 0.004 χ^2/NDF : 1075.7/19

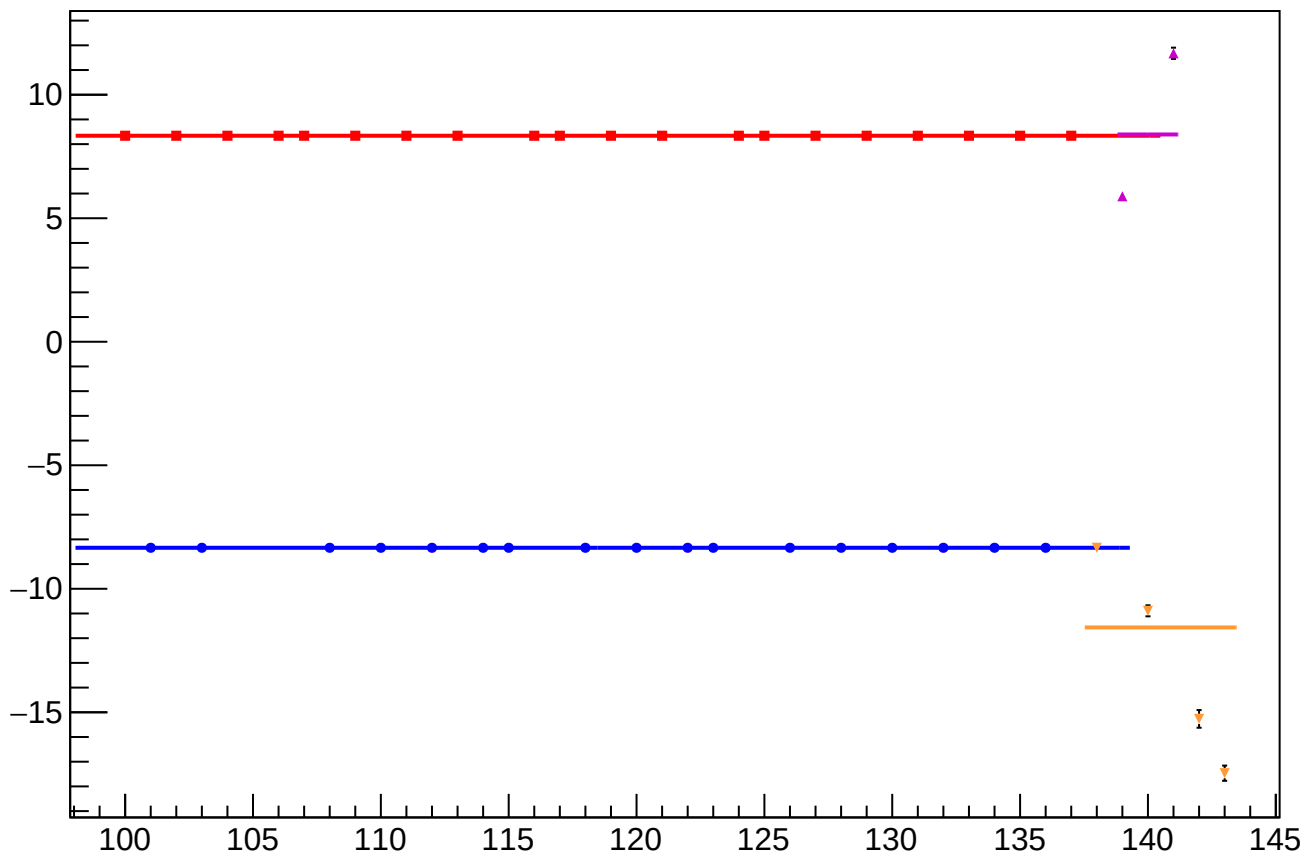
Left In: -0.099 ± 0.006 χ^2/NDF : 12.8/1

0.187 ± 0.003 χ^2/NDF : 856.2/20

-0.008 ± 0.002 χ^2/NDF : 8836.4/42

-0.184 ± 0.003 χ^2/NDF : 1362.1/21

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.340 ± 0.049 χ^2/NDF : 0.0/16

Left Out: -11.566 ± 0.127 χ^2/NDF : 732.8/3

Right Out: 8.340 ± 0.046 χ^2/NDF : 0.0/19

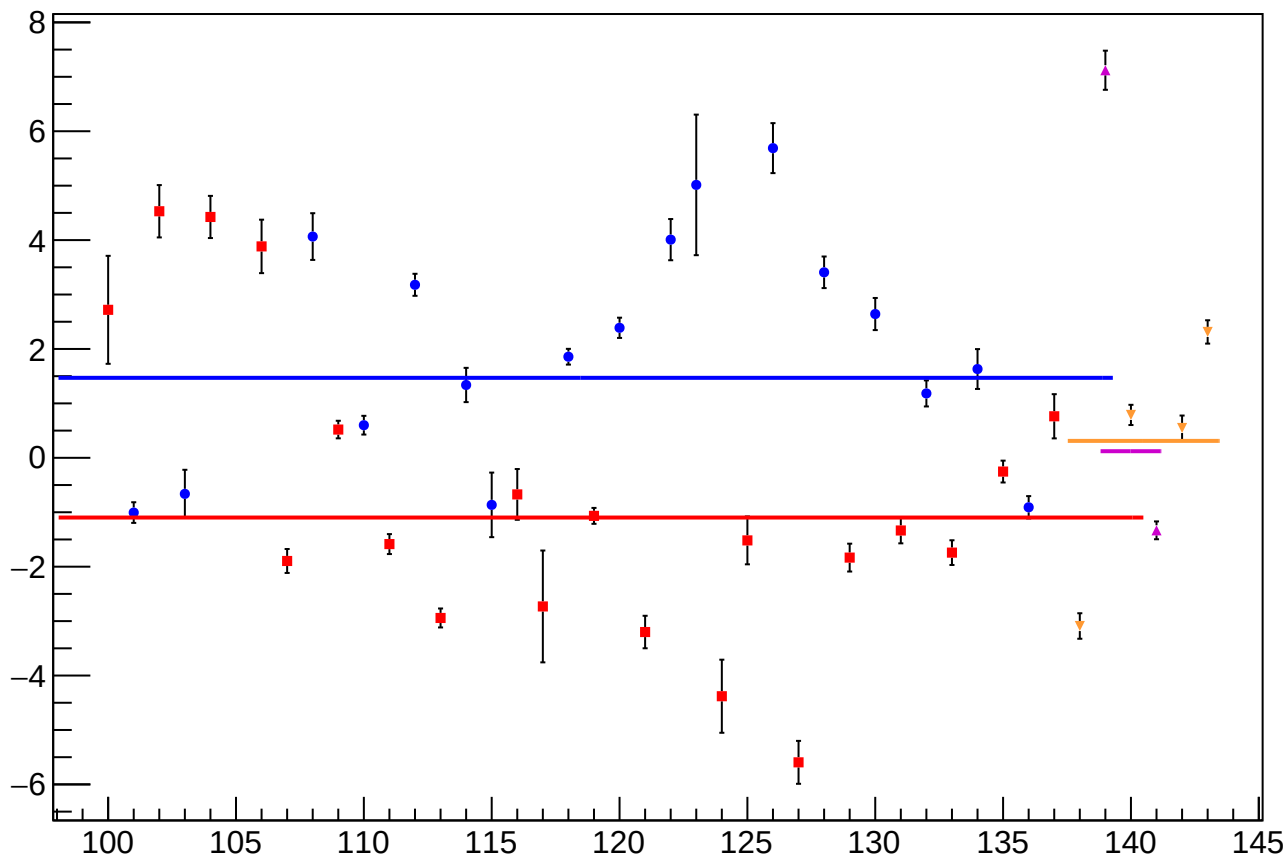
Left In: 8.391 ± 0.150 χ^2/NDF : 366.5/1

-8.767 ± 0.046 χ^2/NDF : 1295.4/20

0.256 ± 0.032 χ^2/NDF : 74362.4/42

8.344 ± 0.044 χ^2/NDF : 366.6/21

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.470 $\pm$ 0.061 χ^2/NDF : 707.9/16

Left Out: 0.311 $\pm$ 0.107 χ^2/NDF : 305.3/3

Right Out: -1.097 $\pm$ 0.058 χ^2/NDF : 954.6/19

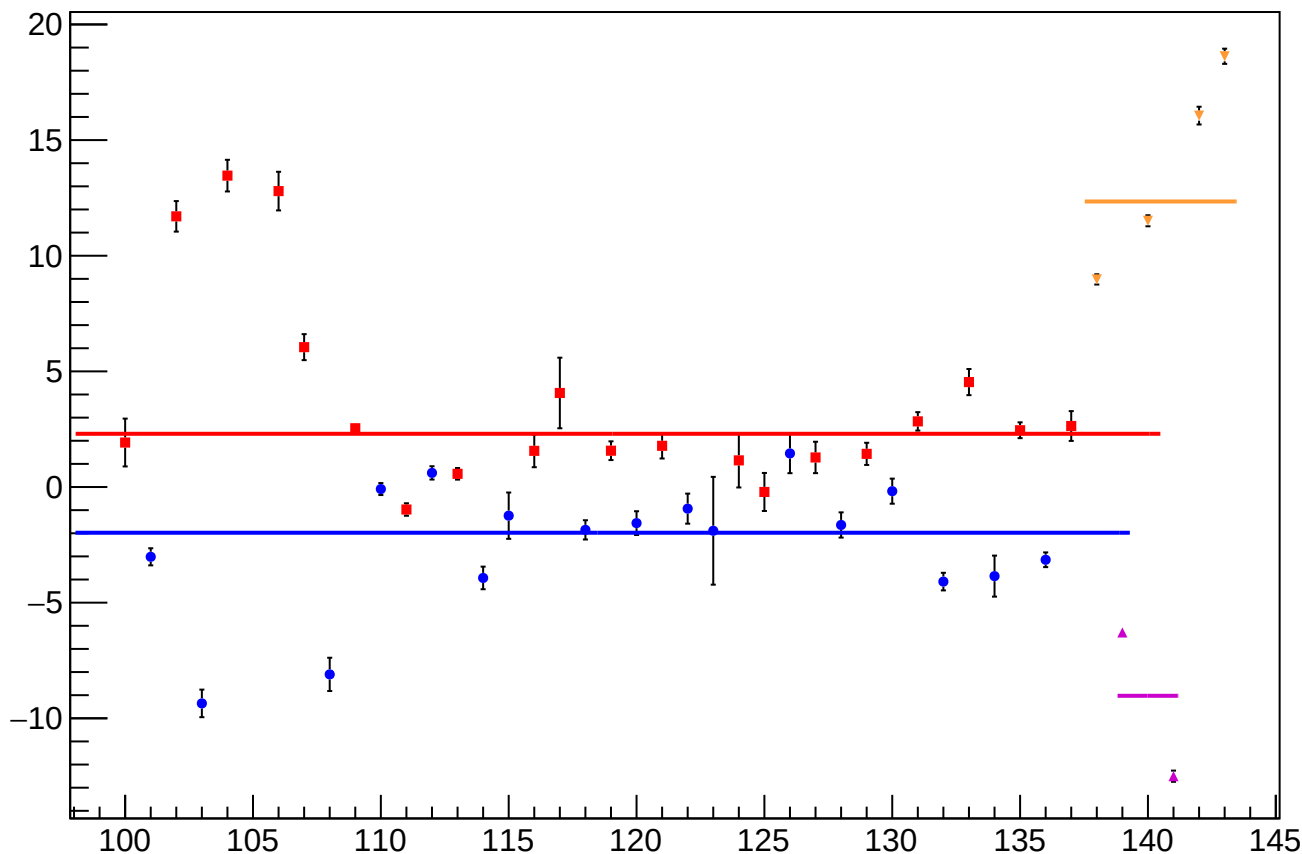
Left In: 0.121 $\pm$ 0.149 χ^2/NDF : 457.7/1

1.185 $\pm$ 0.053 χ^2/NDF : 1102.4/20

0.146 $\pm$ 0.038 χ^2/NDF : 3363.8/42

-0.938 $\pm$ 0.054 χ^2/NDF : 1470.4/21

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 $\chi^2/\text{NDF}: 907.9/19$

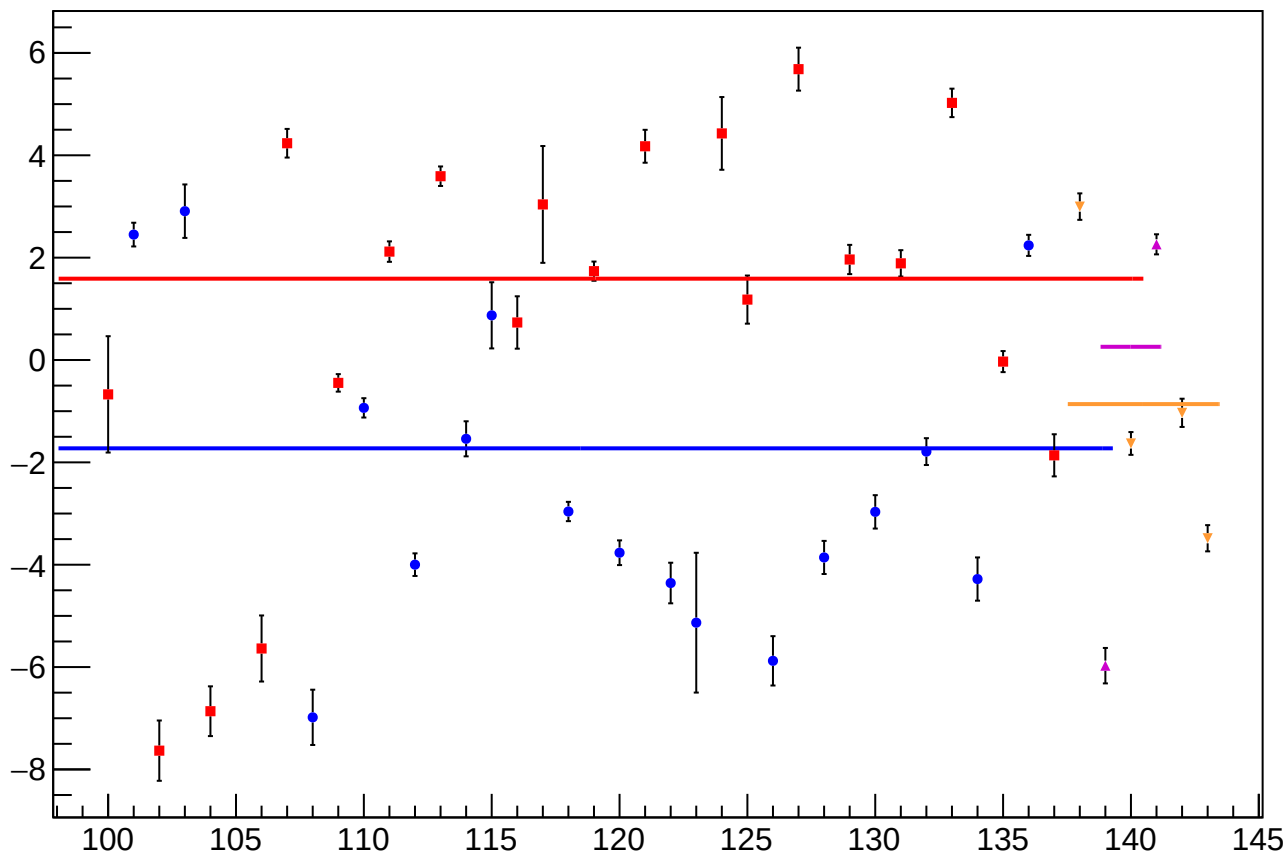
Left In: -9.026 ± 0.161 $\chi^2/\text{NDF}: 368.2/1$

3.686 ± 0.086 $\chi^2/\text{NDF}: 7863.2/20$

1.409 ± 0.060 $\chi^2/\text{NDF}: 14141.7/42$

-0.777 ± 0.084 $\chi^2/\text{NDF}: 4890.5/21$

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 $\chi^2/\text{NDF}: 1494.5/19$

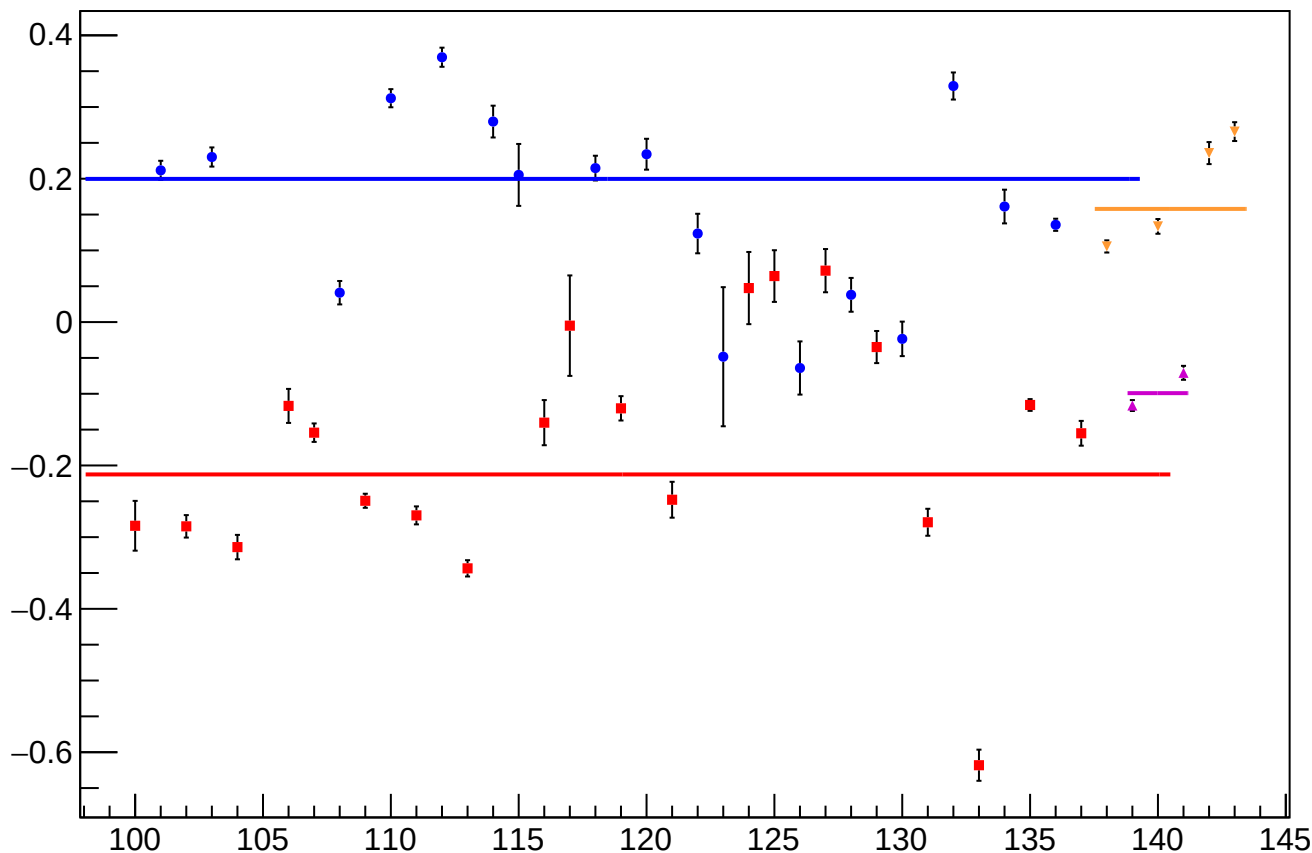
Left In: 0.258 ± 0.171 $\chi^2/\text{NDF}: 427.6/1$

-1.521 ± 0.061 $\chi^2/\text{NDF}: 1717.2/20$

-0.048 ± 0.043 $\chi^2/\text{NDF}: 4851.6/42$

1.419 ± 0.061 $\chi^2/\text{NDF}: 1975.0/21$

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

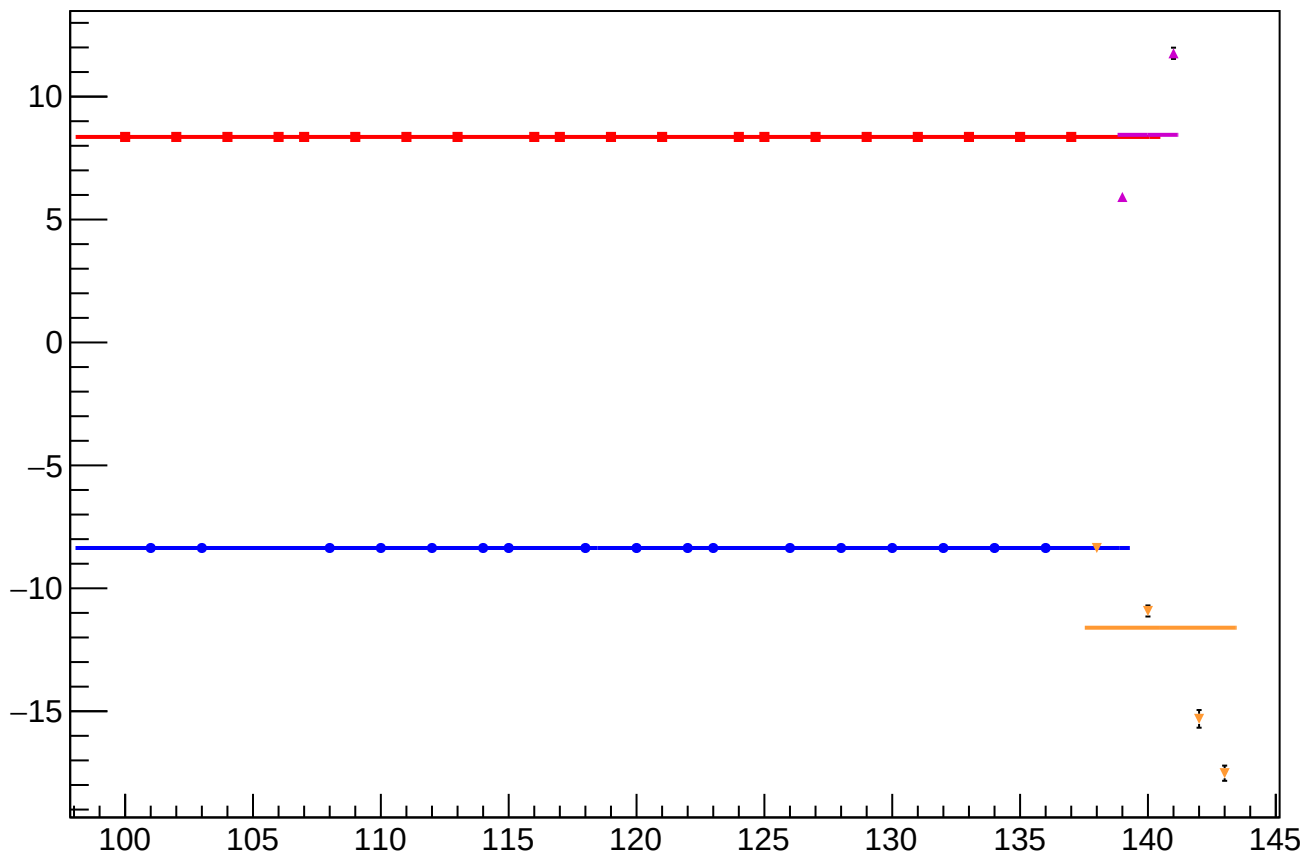
Left In: -0.099+/-0.006 χ^2/NDF : 13.7/1

0.185+/-0.003 χ^2/NDF : 836.3/20

-0.008+/-0.002 χ^2/NDF : 8677.8/42

-0.182+/-0.003 χ^2/NDF : 1334.1/21

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.360+/-0.050 χ^2 /NDF: 0.0/16

Left Out: -11.603+/-0.127 χ^2 /NDF: 732.5/3

Right Out: 8.360+/-0.046 χ^2 /NDF: 0.0/19

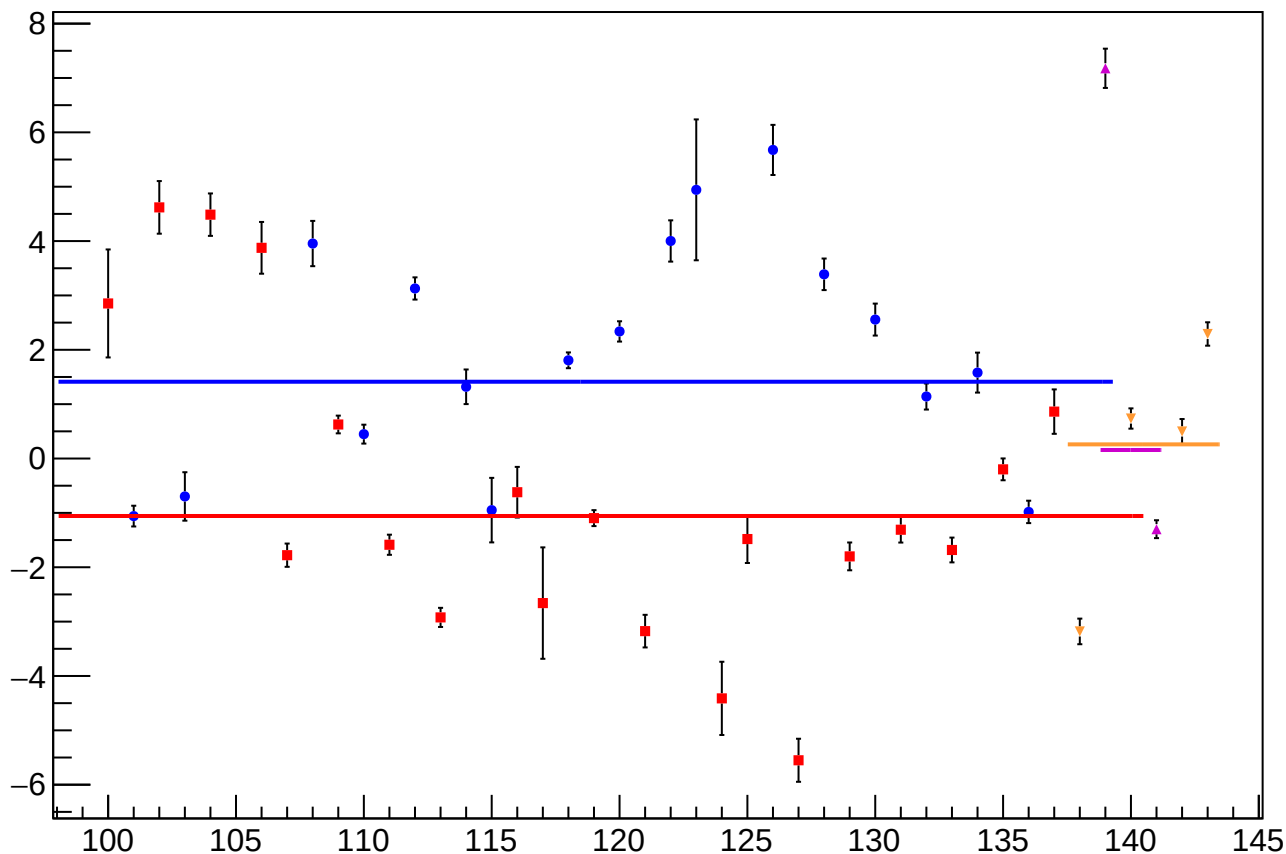
Left In: 8.446+/-0.150 χ^2 /NDF: 370.6/1

-8.789+/-0.046 χ^2 /NDF: 1295.9/20

0.257+/-0.032 χ^2 /NDF: 74053.2/42

8.367+/-0.044 χ^2 /NDF: 370.9/21

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

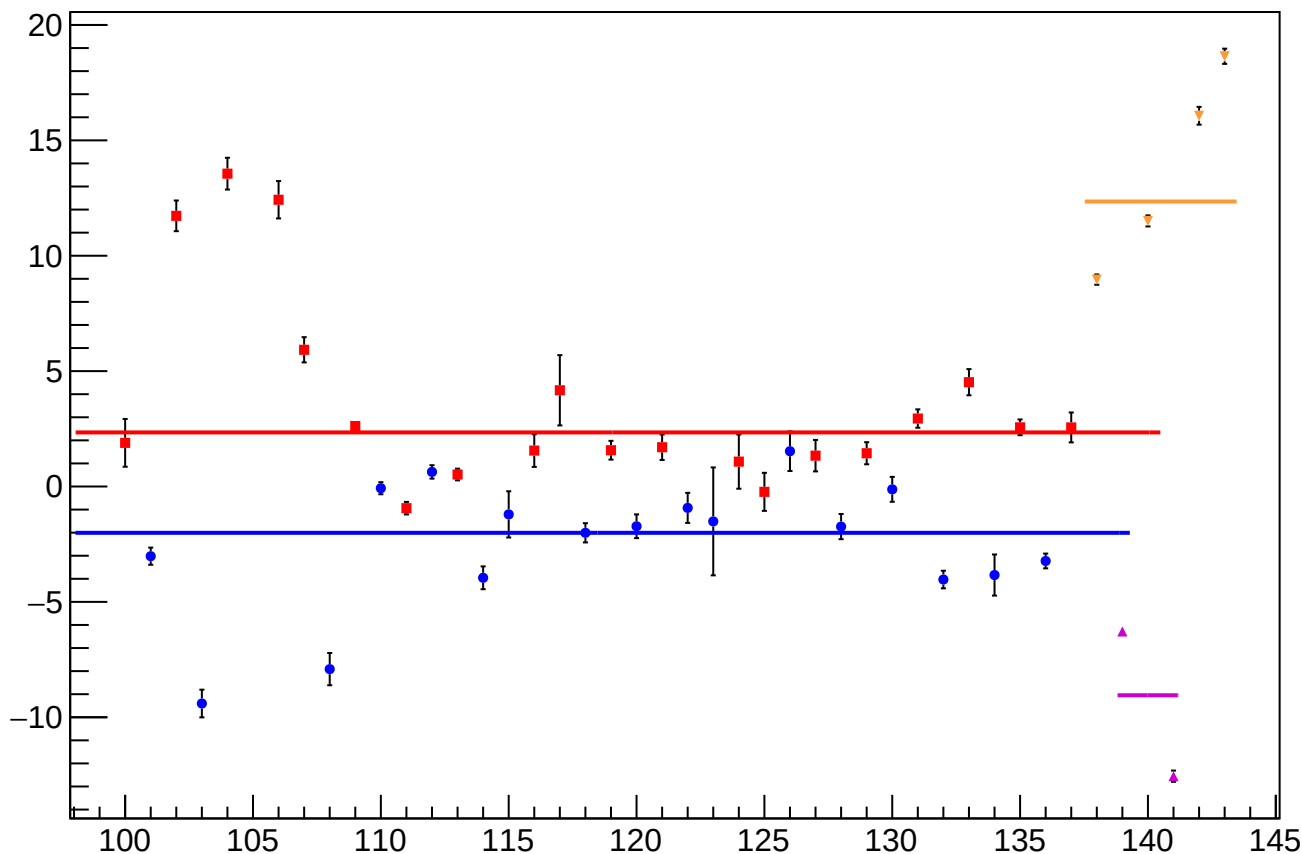
Left In: 0.157 $\pm$ 0.150 χ^2/NDF :456.4/1

1.129 $\pm$ 0.053 χ^2/NDF : 1111.3/20

0.135 $\pm$ 0.038 χ^2/NDF : 3307.7/42

-0.899 $\pm$ 0.054 χ^2/NDF : 1479.4/21

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

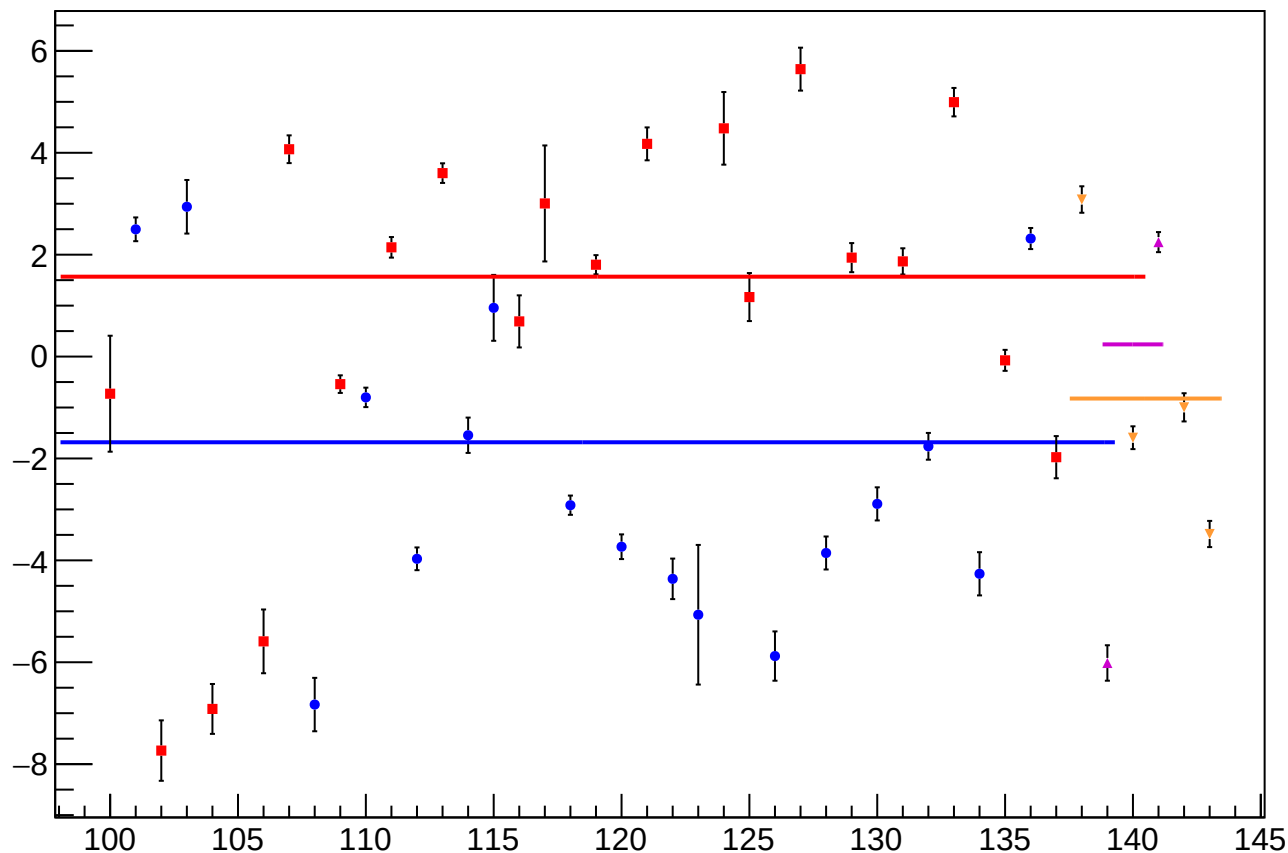
Left In: -9.046+/-0.161 χ^2/NDF : 371.8/1

3.675+/-0.086 χ^2/NDF : 7828.9/20

1.415+/-0.060 χ^2/NDF : 14079.2/42

-0.754+/-0.084 χ^2/NDF : 4896.4/21

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

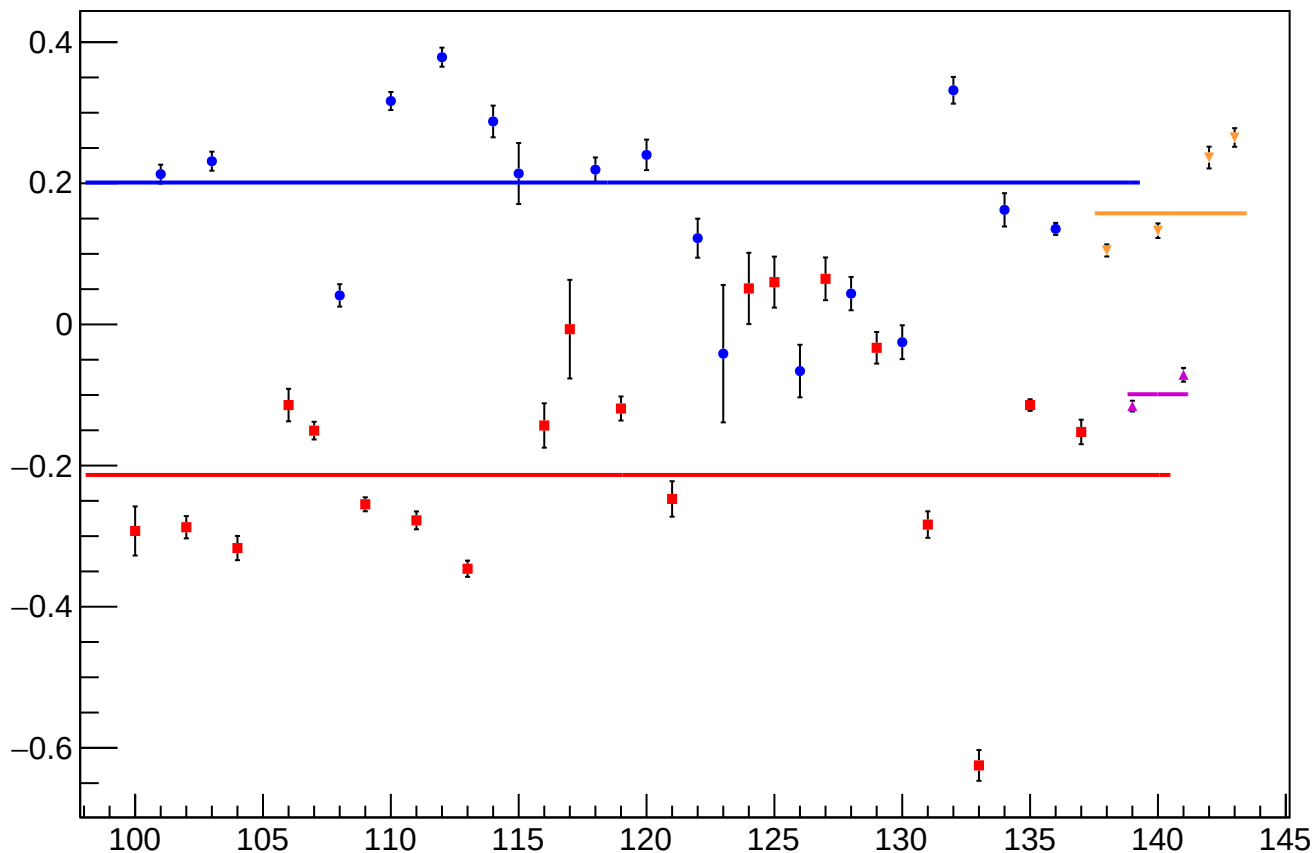
Left In: 0.239+/-0.172 χ^2/NDF : 426.7/1

-1.478+/-0.061 χ^2/NDF : 1728.2/20

-0.035+/-0.043 χ^2/NDF : 4815.2/42

1.399+/-0.061 χ^2/NDF : 1985.5/21

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 $\pm$ 0.004 χ^2 /NDF: 691.3/16

Left Out: 0.157 $\pm$ 0.006 χ^2 /NDF:136.2/3

Right Out: -0.213 $\pm$ 0.004 χ^2 /NDF: 1091.9/19

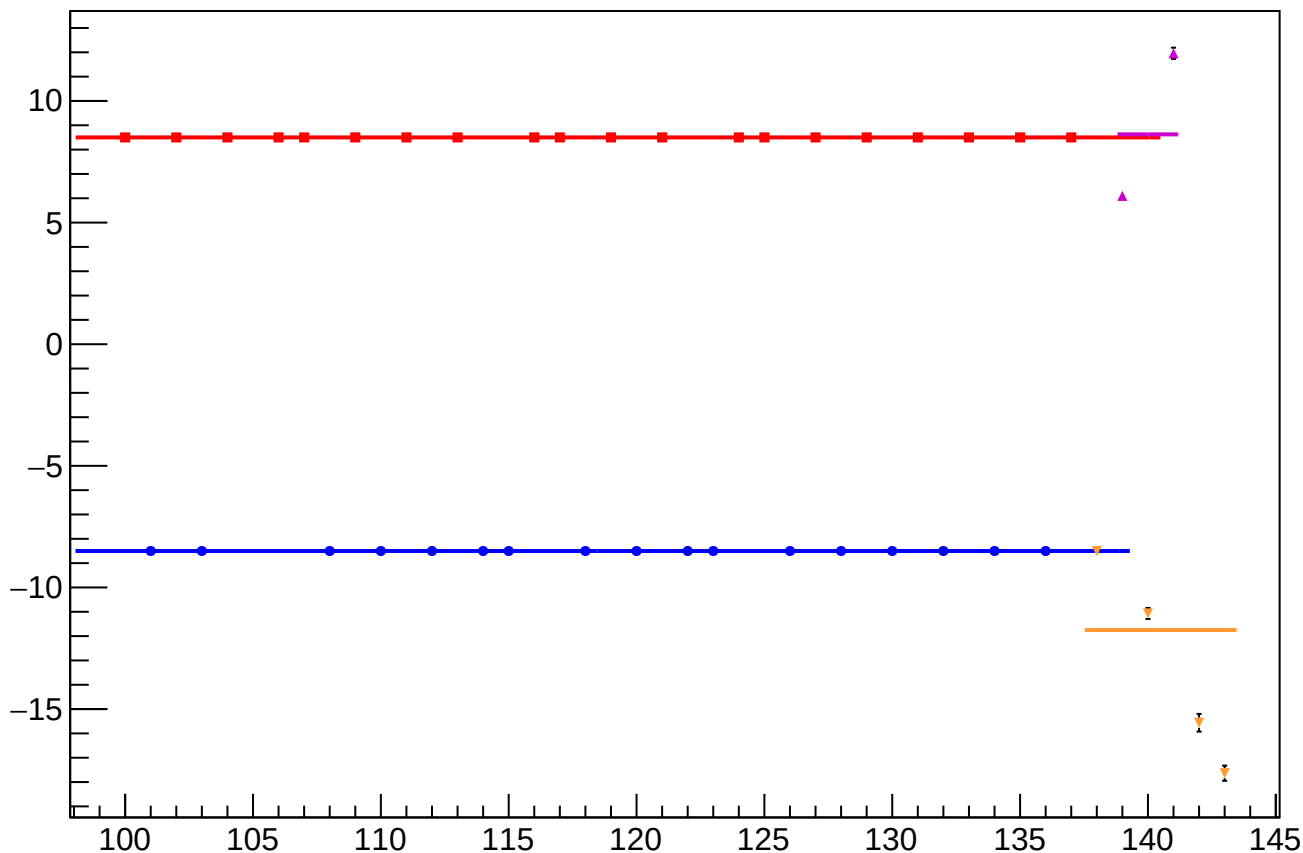
Left In: -0.099 $\pm$ 0.006 χ^2 /NDF:12.8/1

0.185 $\pm$ 0.003 χ^2 /NDF: 867.7/20

-0.008 $\pm$ 0.002 χ^2 /NDF: 8748.1/42

-0.182 $\pm$ 0.003 χ^2 /NDF: 1367.9/21

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.501 ± 0.050 χ^2/NDF : 0.0/16

Left Out: -11.749 ± 0.128 χ^2/NDF : 720.7/3

Right Out: 8.501 ± 0.046 χ^2/NDF : 0.0/19

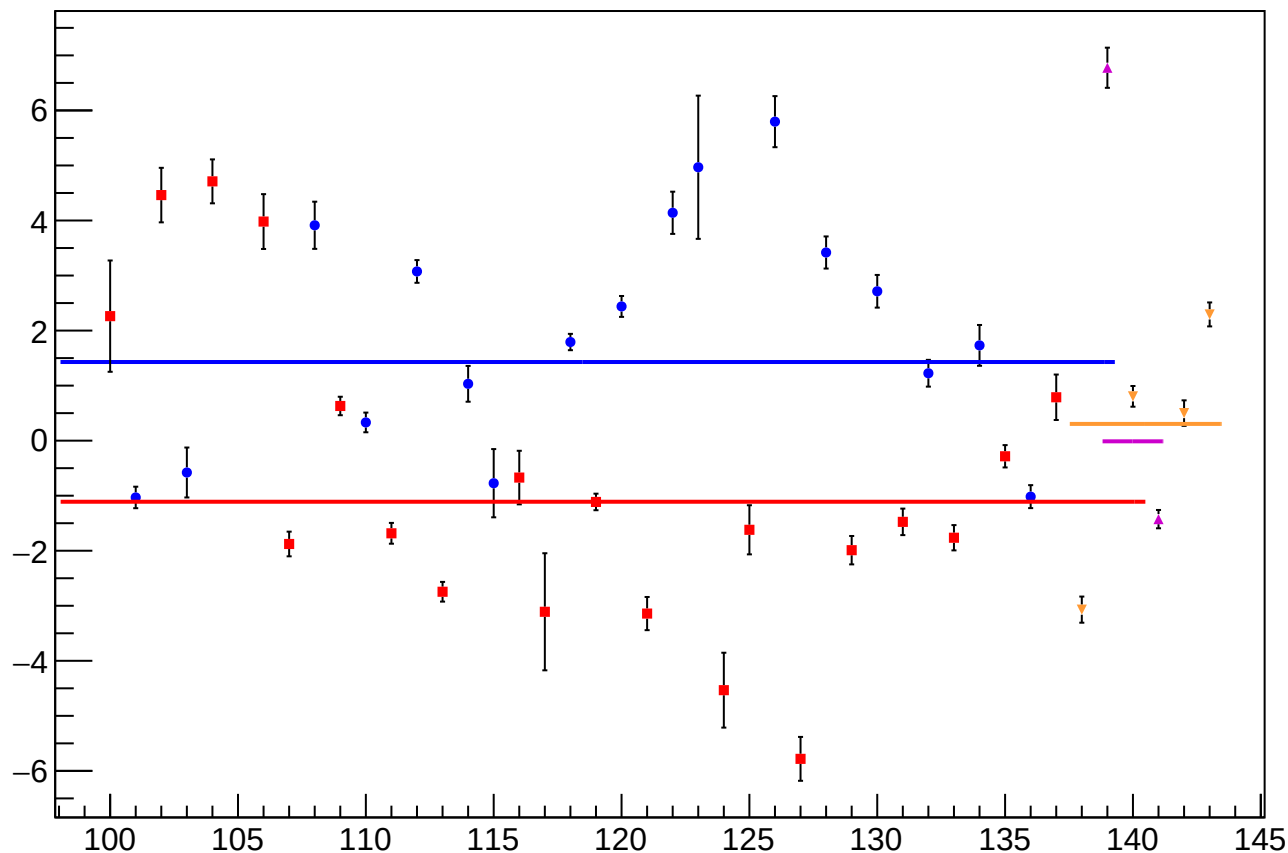
Left In: 8.627 ± 0.152 χ^2/NDF : 364.3/1

-8.931 ± 0.047 χ^2/NDF : 1275.2/20

0.266 ± 0.032 χ^2/NDF : 75136.2/42

8.512 ± 0.044 χ^2/NDF : 365.0/21

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.429 $\pm$ 0.062 χ^2 /NDF: 711.4/16

Left Out: 0.304 $\pm$ 0.108 χ^2 /NDF: 293.3/3

Right Out: -1.110 $\pm$ 0.059 χ^2 /NDF: 940.1/19

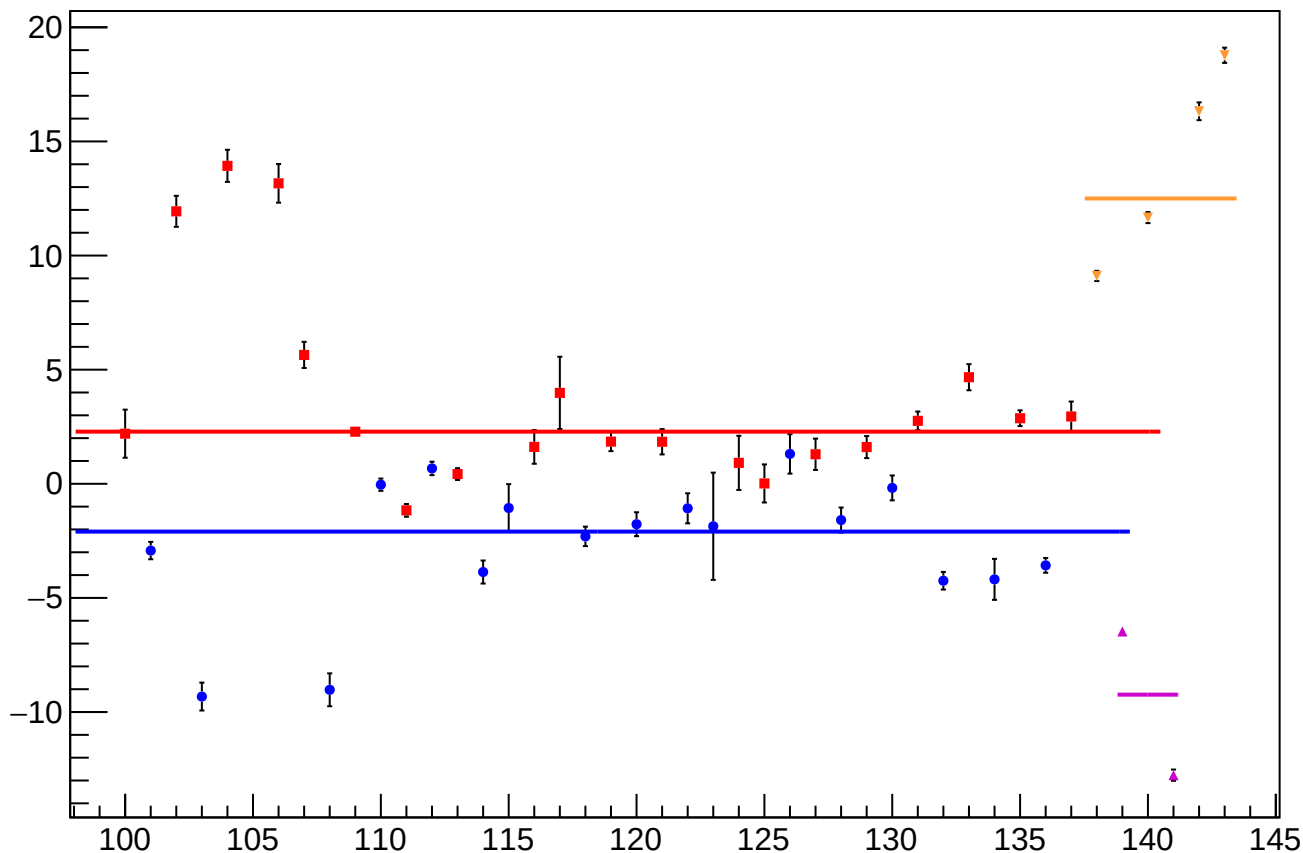
Left In: -0.012 $\pm$ 0.151 χ^2 /NDF: 418.2/1

1.149 $\pm$ 0.054 χ^2 /NDF: 1086.2/20

0.117 $\pm$ 0.039 χ^2 /NDF: 3241.3/42

-0.964 $\pm$ 0.055 χ^2 /NDF: 1403.8/21

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.094 ± 0.113 $\chi^2/\text{NDF}: 486.5/16$

Left Out: 12.501 ± 0.138 $\chi^2/\text{NDF}: 690.7/3$

Right Out: 2.285 ± 0.101 $\chi^2/\text{NDF}: 919.7/19$

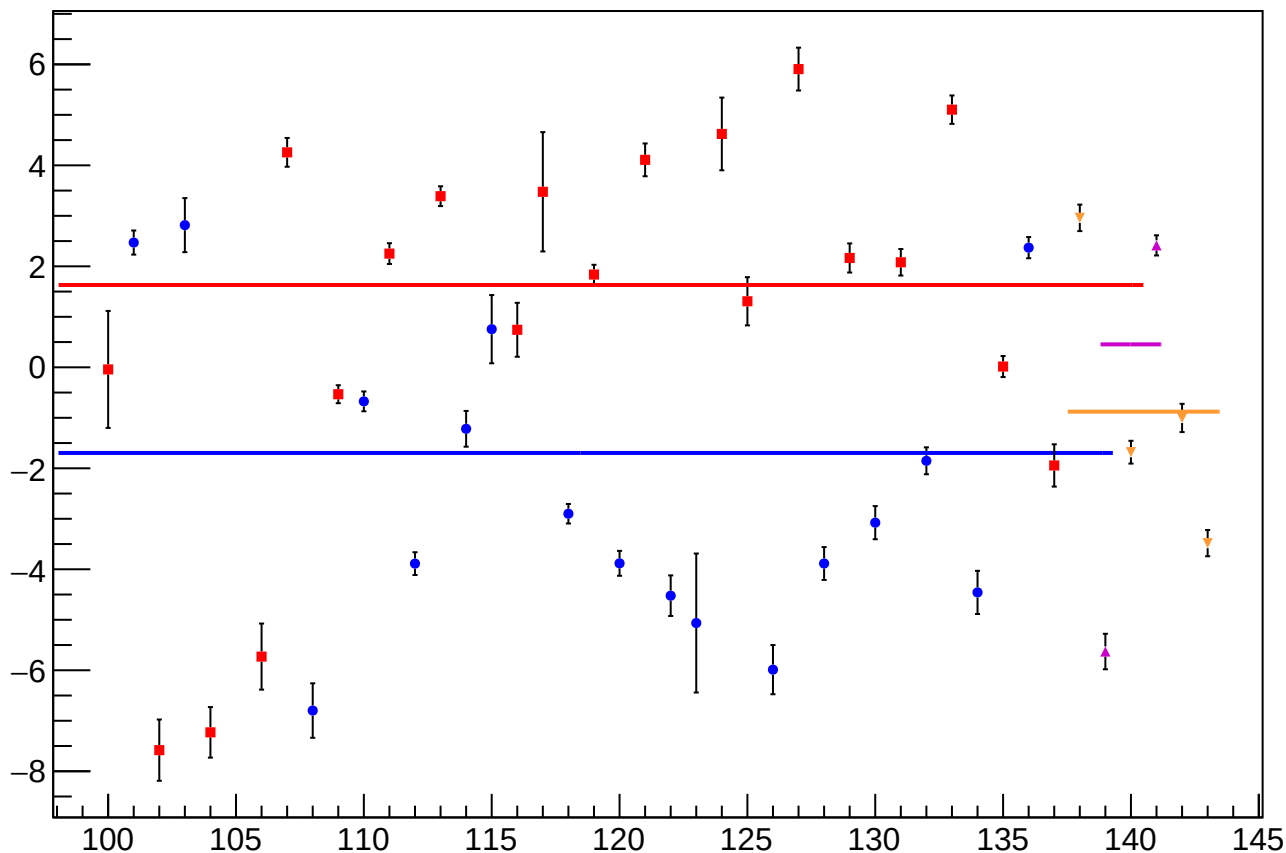
Left In: -9.239 ± 0.163 $\chi^2/\text{NDF}: 366.4/1$

3.739 ± 0.087 $\chi^2/\text{NDF}: 7893.1/20$

1.383 ± 0.061 $\chi^2/\text{NDF}: 14219.6/42$

-0.895 ± 0.086 $\chi^2/\text{NDF}: 4891.9/21$

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

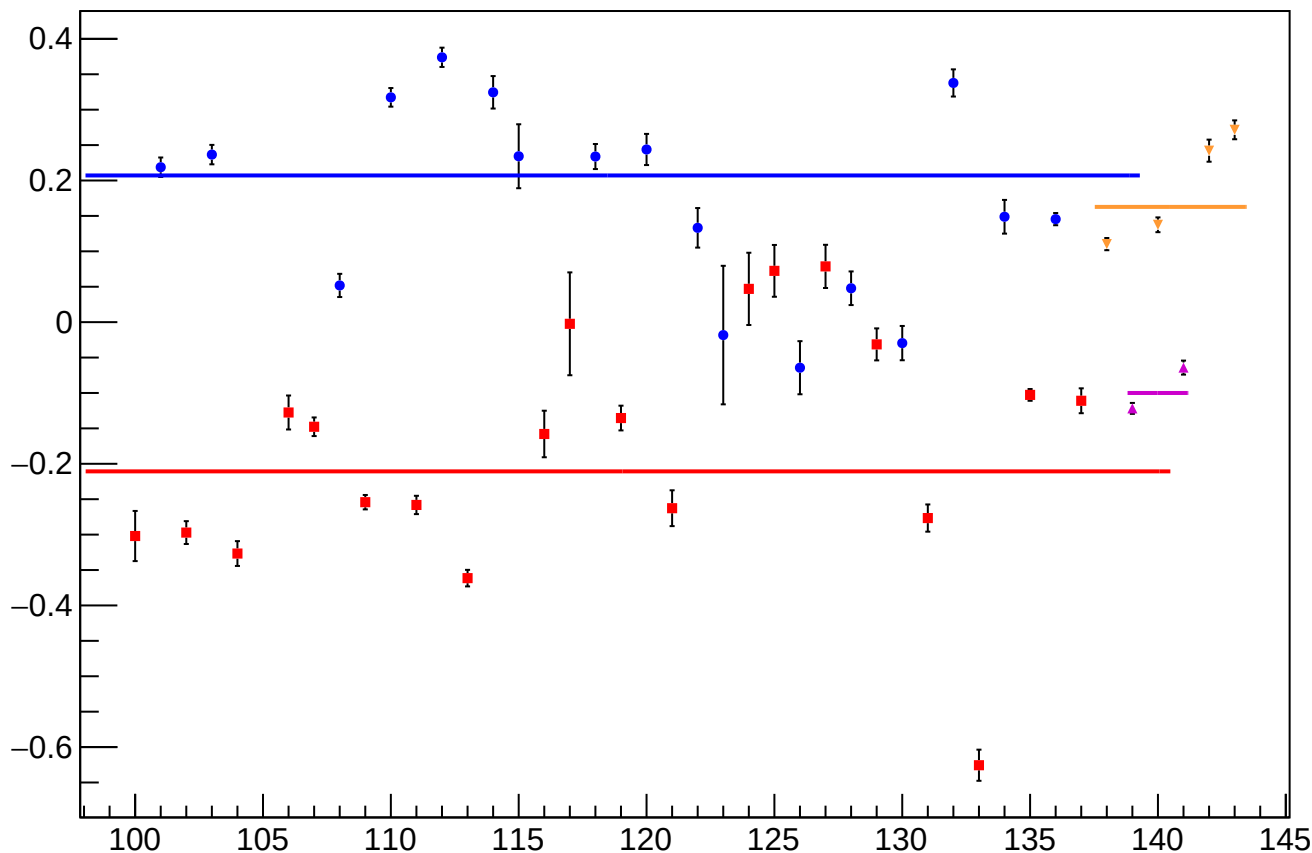
Left In: 0.455 ± 0.174 χ^2/NDF : 396.0/1

-1.500 ± 0.062 χ^2/NDF : 1692.4/20

-0.012 ± 0.044 χ^2/NDF : 4737.8/42

1.478 ± 0.062 χ^2/NDF : 1905.8/21

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

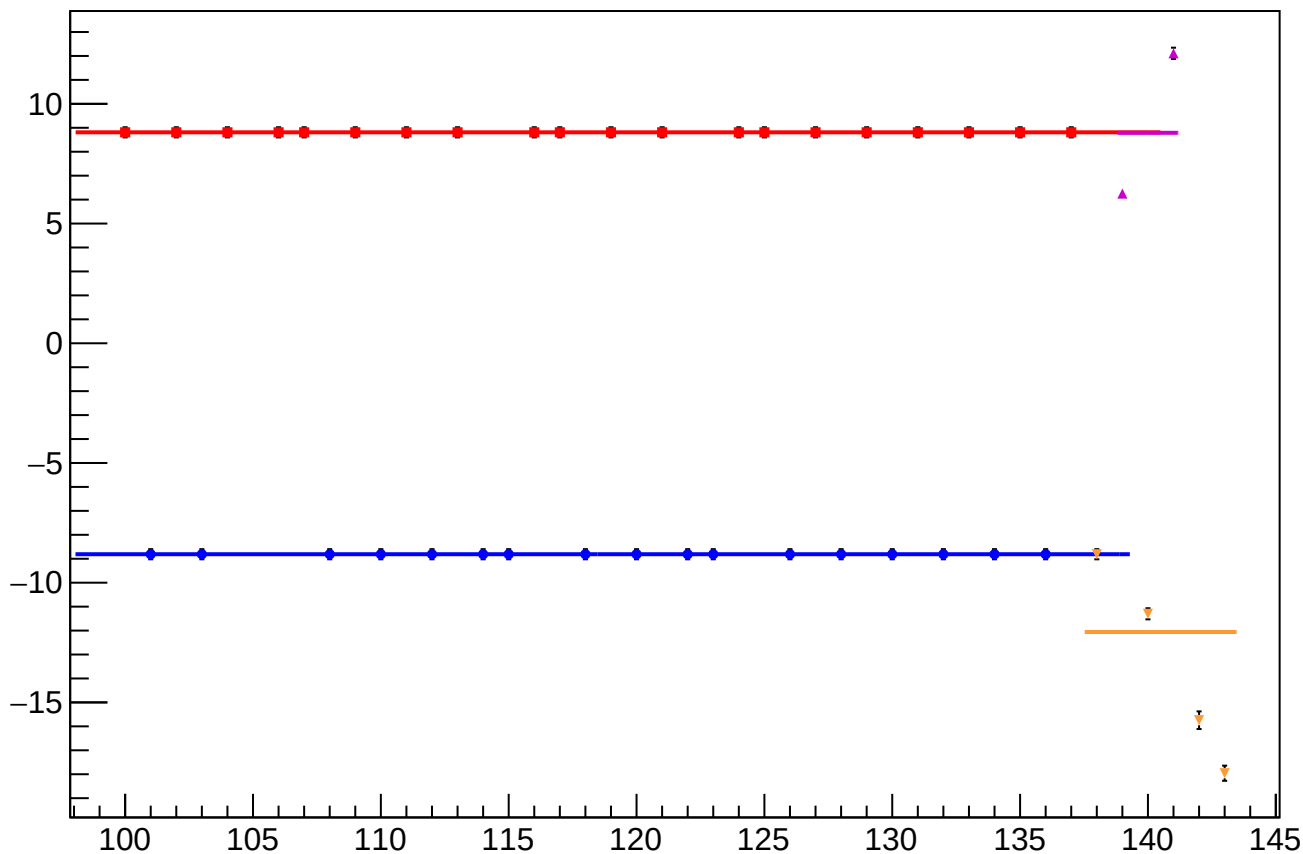
Left In: -0.100 $\pm$ 0.006 χ^2/NDF :21.1/1

0.191 $\pm$ 0.003 χ^2/NDF : 832.4/20

-0.004 $\pm$ 0.002 χ^2/NDF : 8678.7/42

-0.180 $\pm$ 0.003 χ^2/NDF : 1415.1/21

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.811 ± 0.052 χ^2/NDF : 0.0/16

Left Out: -12.059 ± 0.131 χ^2/NDF : 691.2/3

Right Out: 8.811 ± 0.048 χ^2/NDF : 0.0/19

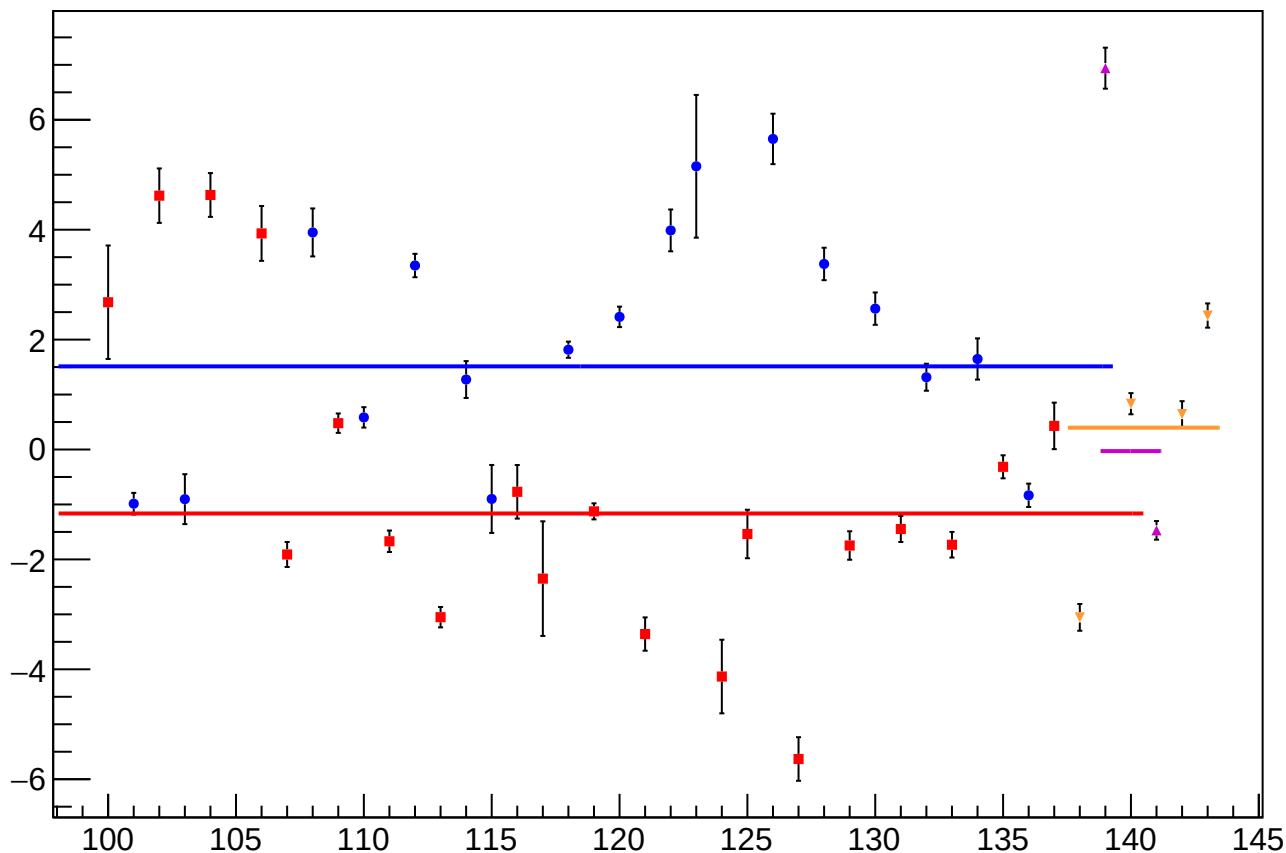
Left In: 8.790 ± 0.155 χ^2/NDF : 349.6/1

-9.245 ± 0.048 χ^2/NDF : 1221.3/20

0.272 ± 0.033 χ^2/NDF : 76167.2/42

8.809 ± 0.045 χ^2/NDF : 349.6/21

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.513 ± 0.063 $\chi^2/\text{NDF}: 669.7/16$

Left Out: 0.397 ± 0.110 $\chi^2/\text{NDF}: 292.8/3$

Right Out: -1.164 ± 0.060 $\chi^2/\text{NDF}: 918.3/19$

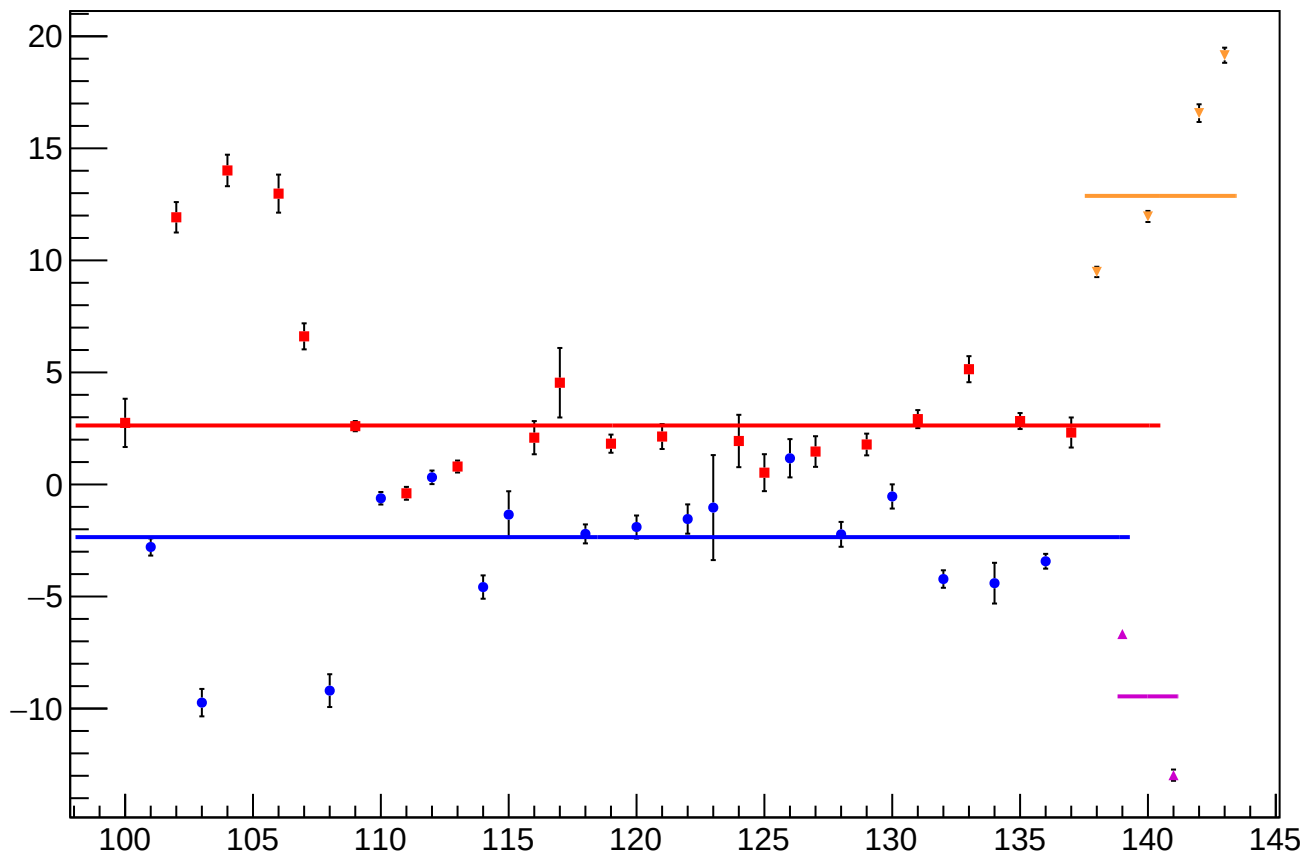
Left In: -0.029 ± 0.154 $\chi^2/\text{NDF}: 421.4/1$

1.240 ± 0.054 $\chi^2/\text{NDF}: 1040.1/20$

0.141 ± 0.039 $\chi^2/\text{NDF}: 3261.6/42$

-1.015 ± 0.056 $\chi^2/\text{NDF}: 1386.7/21$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350 ± 0.114 $\chi^2/\text{NDF}: 439.7/16$

Left Out: 12.878 ± 0.141 $\chi^2/\text{NDF}: 662.3/3$

Right Out: 2.633 ± 0.103 $\chi^2/\text{NDF}: 841.9/19$

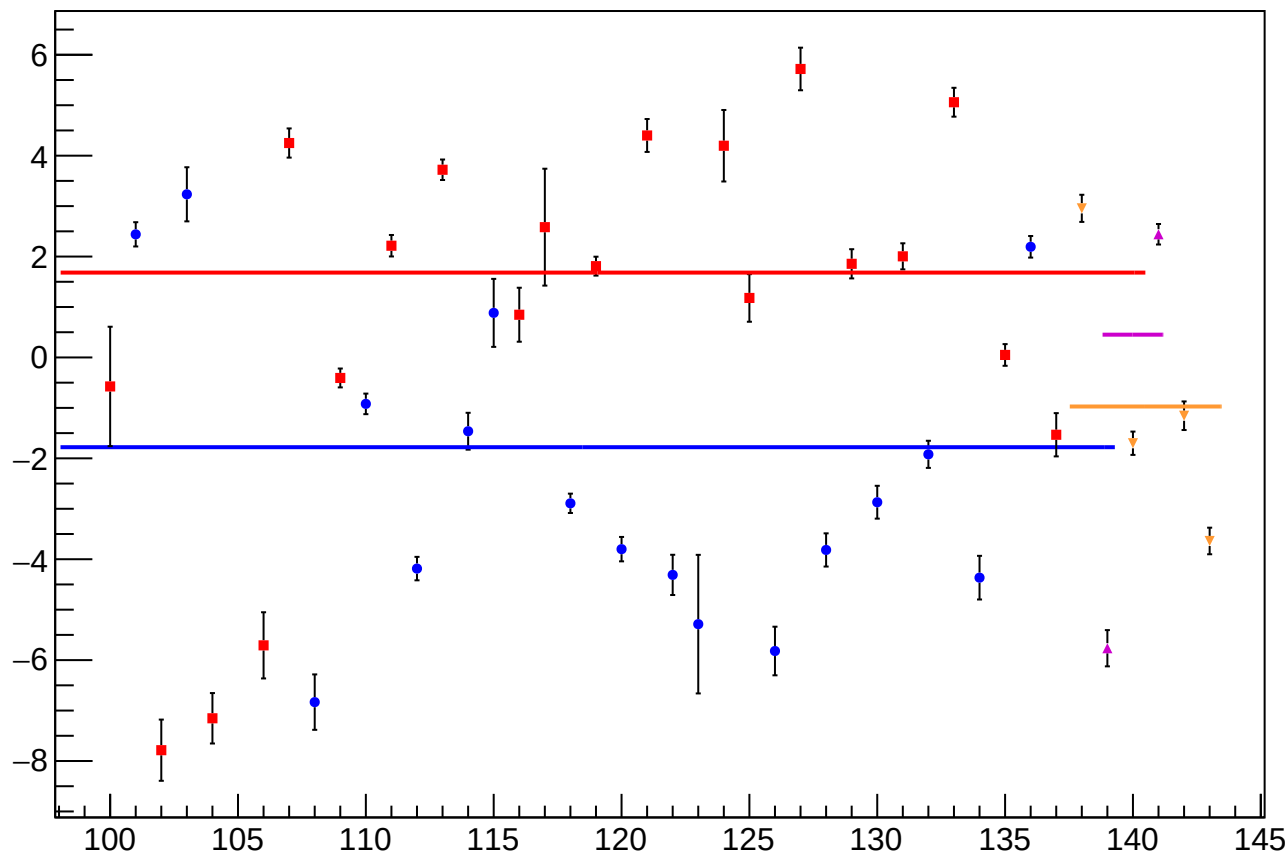
Left In: -9.457 ± 0.167 $\chi^2/\text{NDF}: 352.0/1$

3.686 ± 0.089 $\chi^2/\text{NDF}: 8137.9/20$

1.461 ± 0.062 $\chi^2/\text{NDF}: 14376.7/42$

-0.707 ± 0.088 $\chi^2/\text{NDF}: 4998.8/21$

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 $\chi^2/\text{NDF}: 1430.2/19$

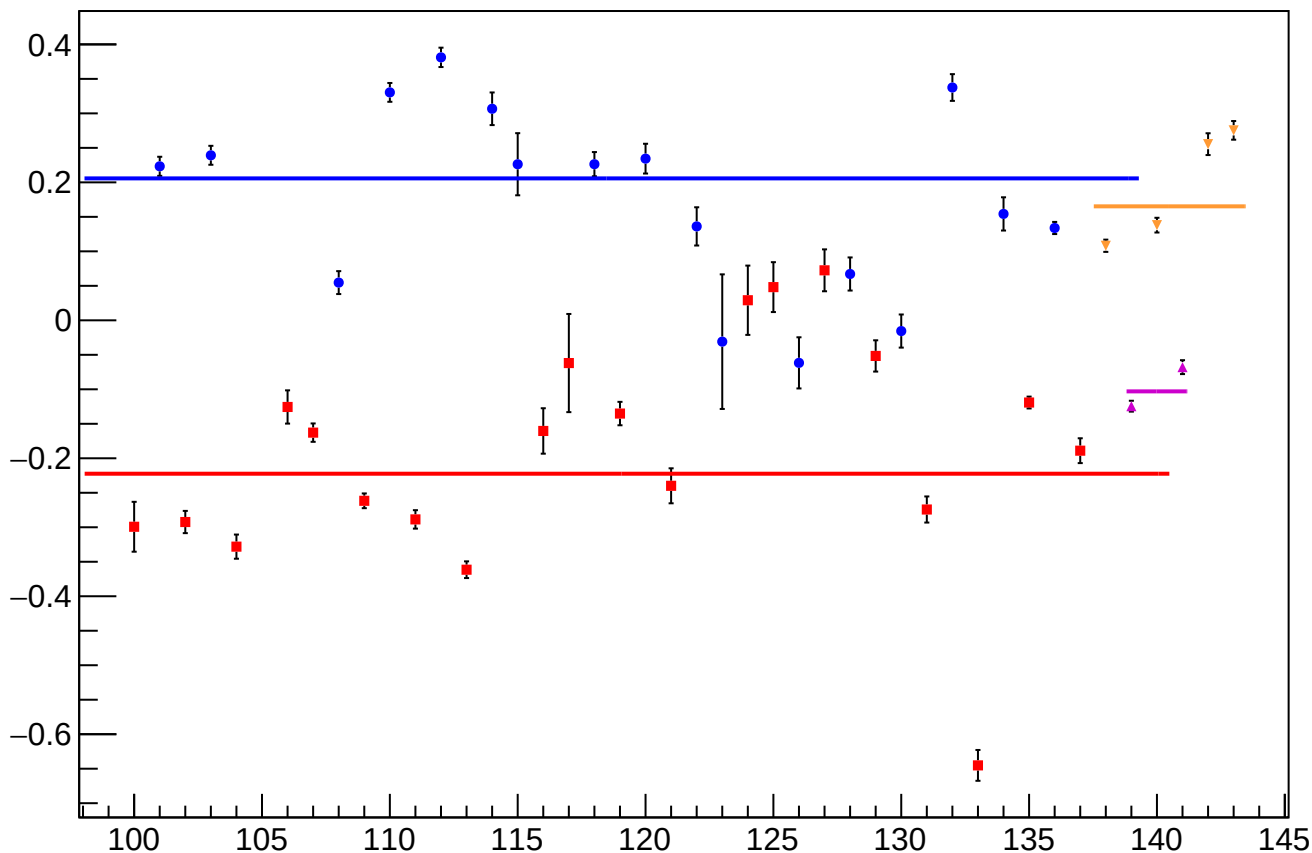
Left In: 0.452 ± 0.177 $\chi^2/\text{NDF}: 395.1/1$

-1.588 ± 0.063 $\chi^2/\text{NDF}: 1627.6/20$

-0.038 ± 0.045 $\chi^2/\text{NDF}: 4705.4/42$

1.524 ± 0.063 $\chi^2/\text{NDF}: 1867.5/21$

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: -0.103 $\pm$ 0.006 χ^2/NDF : 19.6/1

0.191 $\pm$ 0.003 χ^2/NDF : 831.2/20

-0.008 $\pm$ 0.002 χ^2/NDF : 8684.8/42

-0.189 $\pm$ 0.003 χ^2/NDF : 1334.8/21