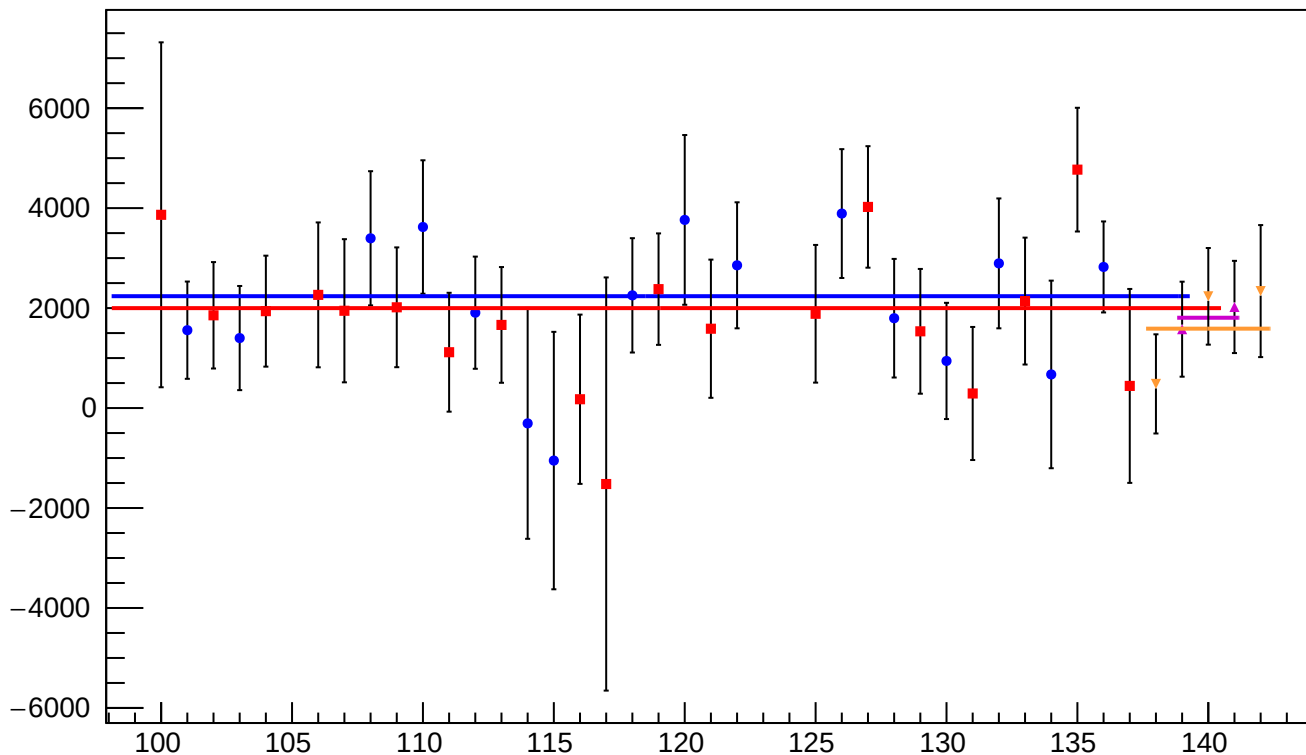


dit_asym_us_avg_mean vs Slug, Sign Corrected



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

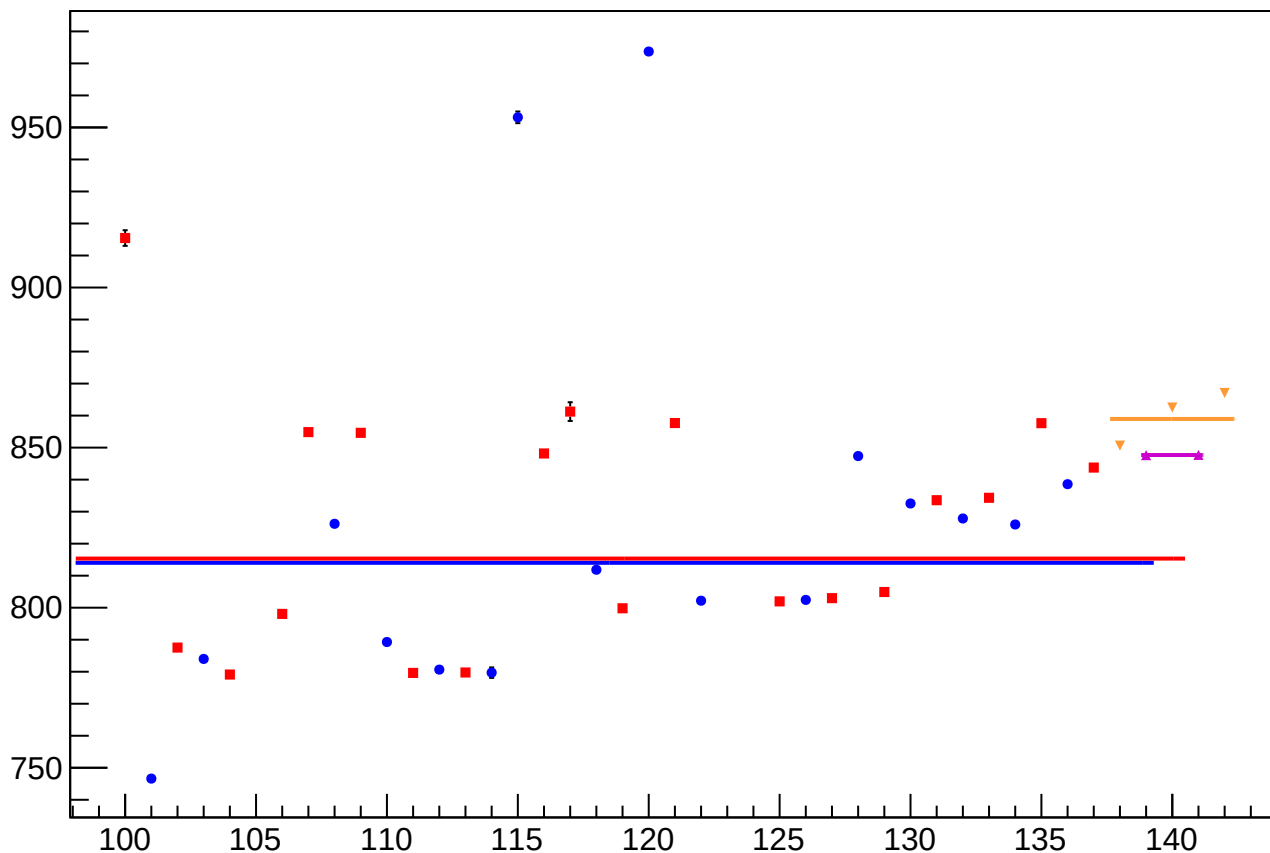
2033.469+/-197.573

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

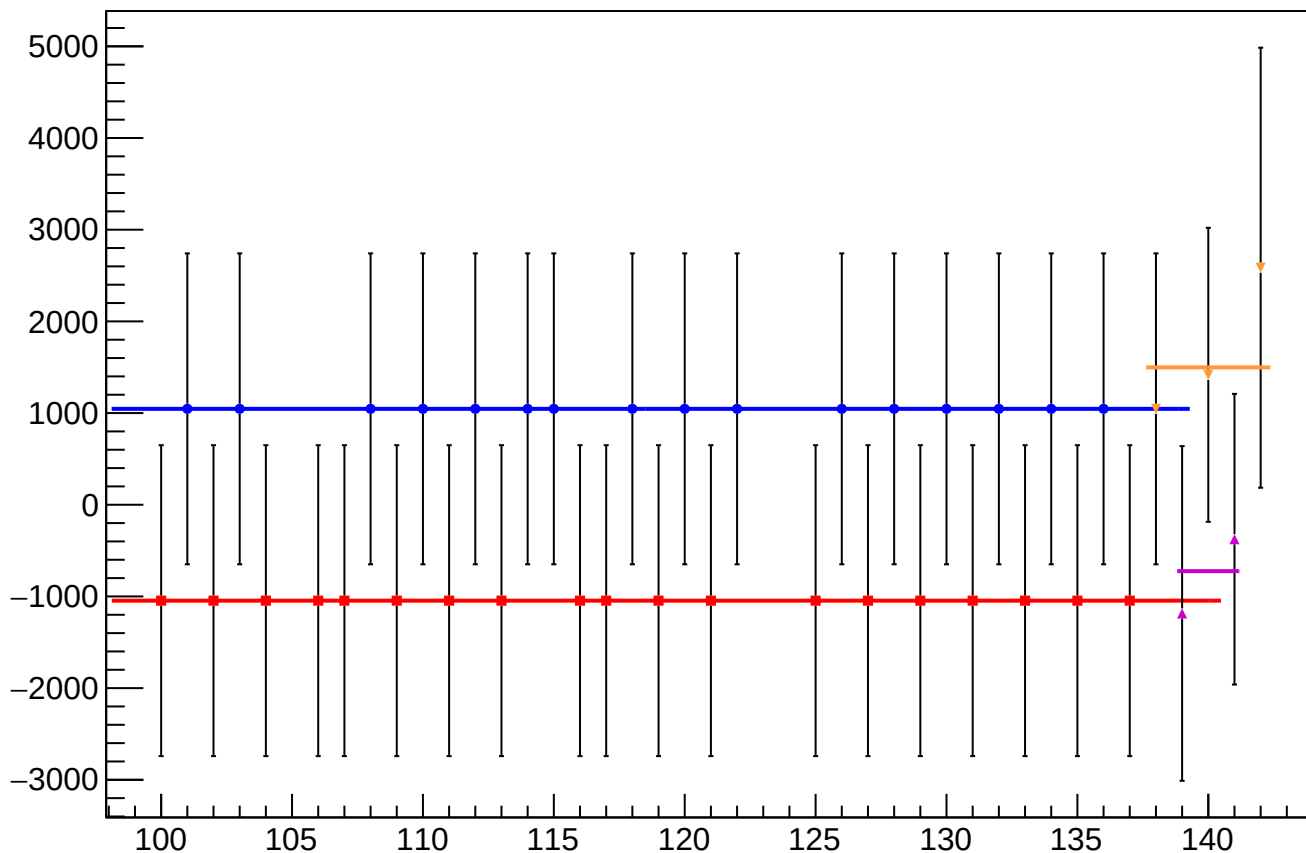
Left In: 847.685 $\pm$ 0.468 χ^2 /NDF: 0.0/1

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

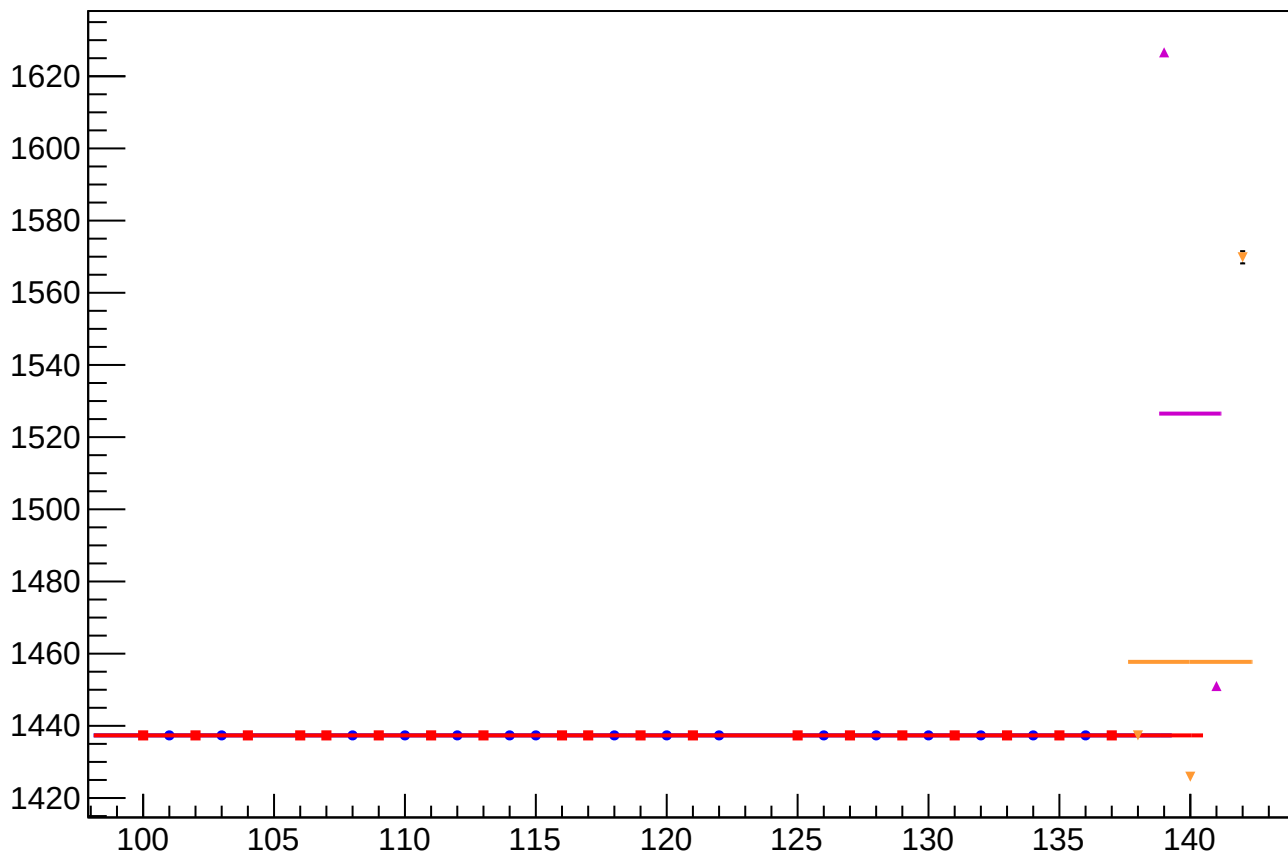
Left In: -723.952+/-1196.768 χ^2/NDF : 0.1/1

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 $\pm$ 0.300 χ^2 /NDF: 0.0/15

Left Out: 1457.729 $\pm$ 0.741 χ^2 /NDF:5440.5/2

Right Out: 1437.353 $\pm$ 0.275 χ^2 /NDF: 0.0/18

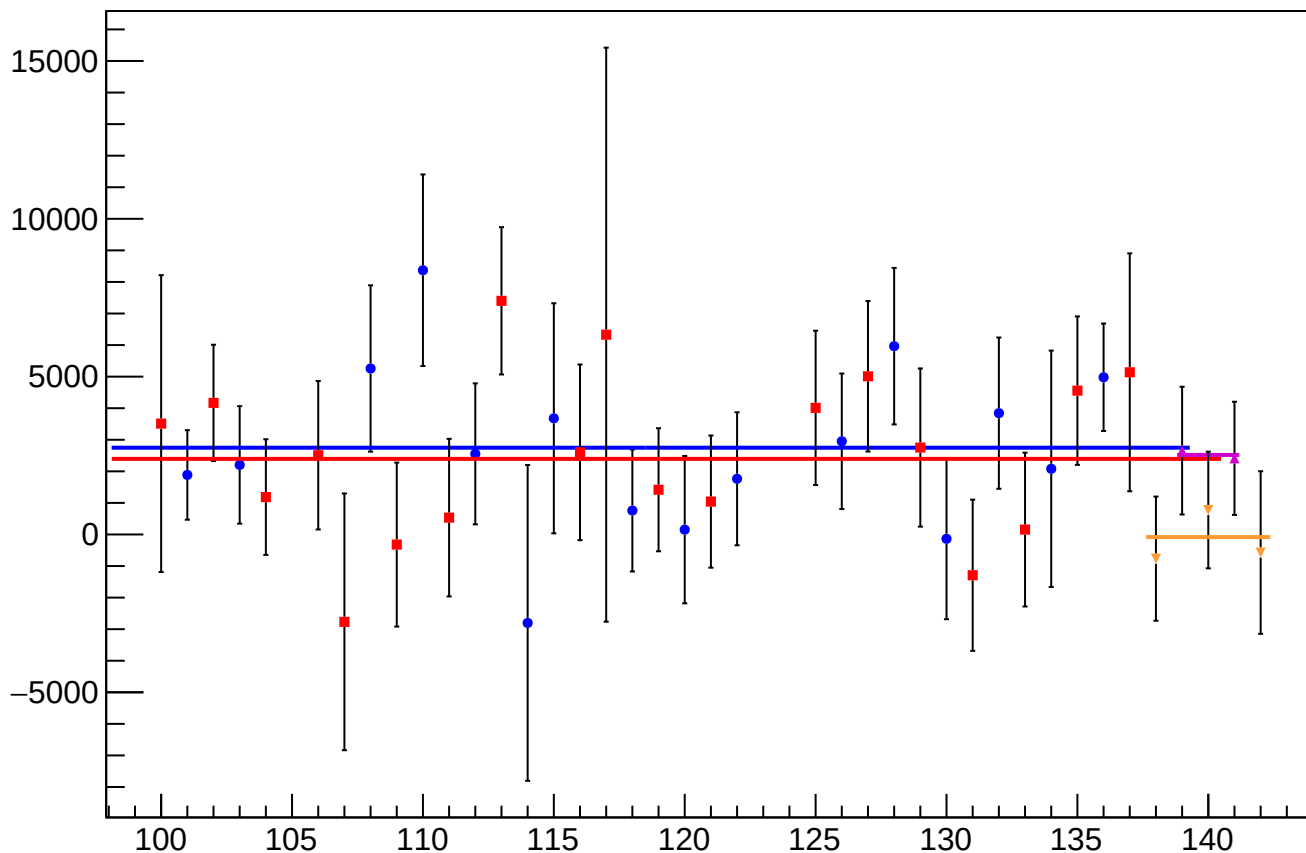
Left In: 1526.519 $\pm$ 0.846 χ^2 /NDF:10552.6/1

1440.218 $\pm$ 0.278 χ^2 /NDF: 6090.1/18

1443.216 $\pm$ 0.190 χ^2 /NDF: 26903.6/39

1445.874 $\pm$ 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

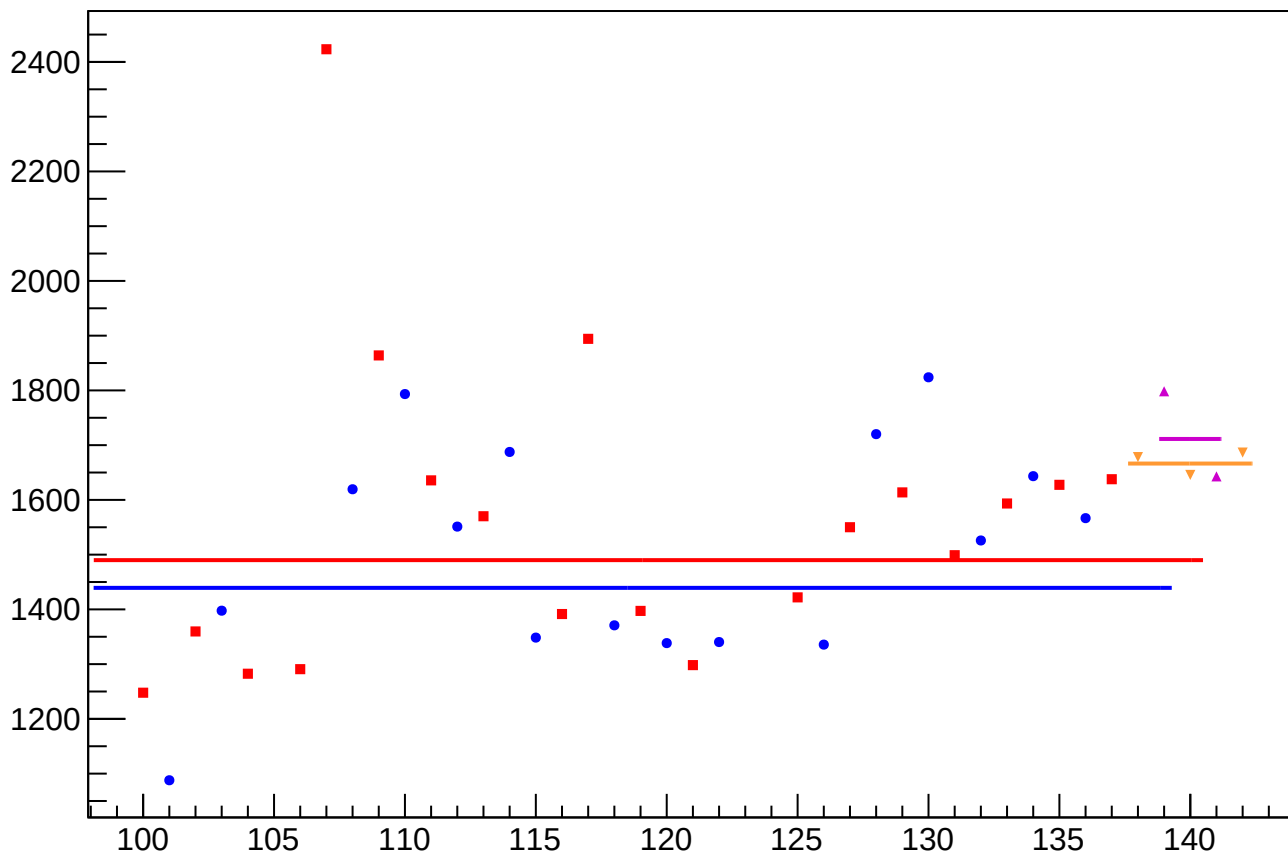
Left In: 2519.408 $\pm$ 1341.818 χ^2 /NDF: 0.0/1

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

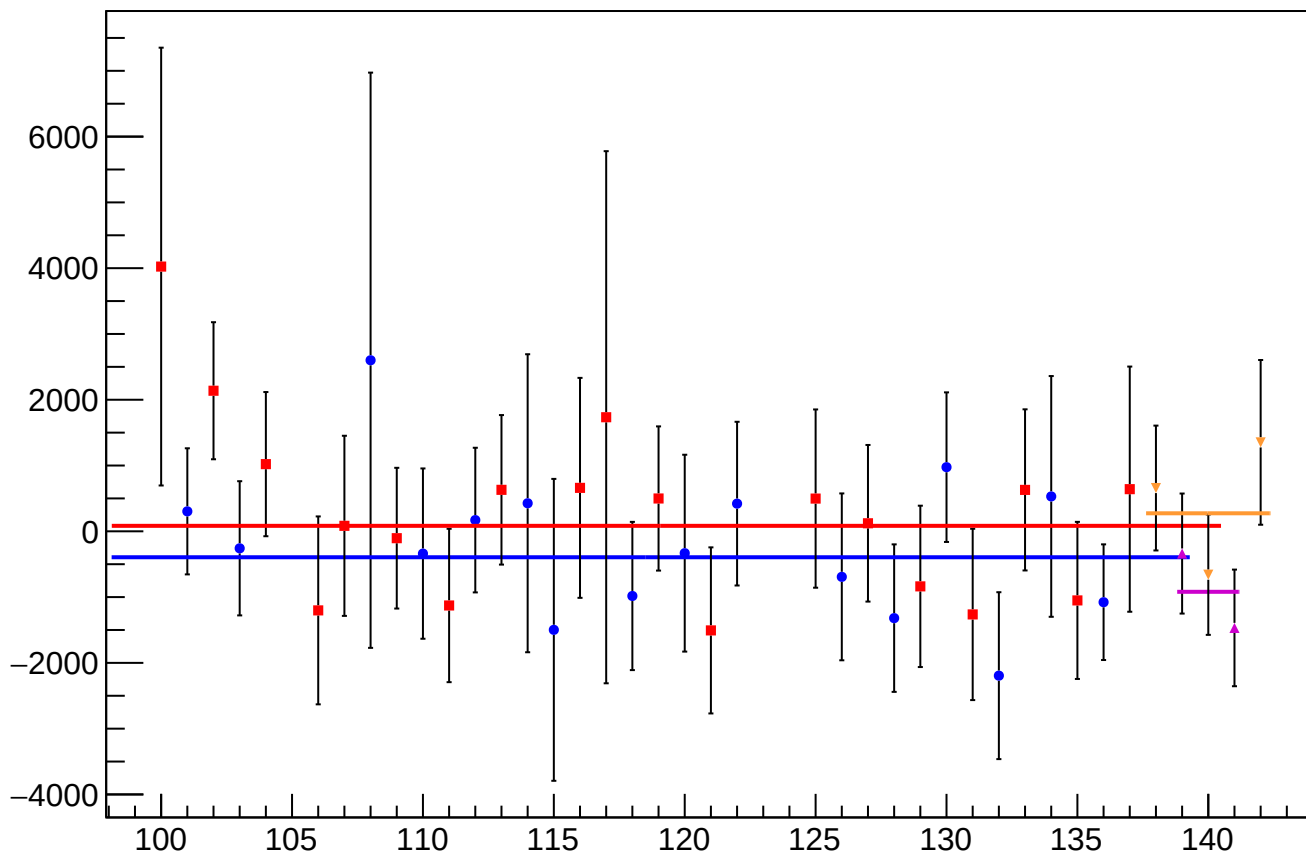
Left In: 1711.318 $\pm$ 0.949 χ^2/NDF : 6614.0/1

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 $\chi^2/\text{NDF}: 7.4/15$

Left Out: 273.852 ± 582.948 $\chi^2/\text{NDF}: 1.9/2$

Right Out: 83.274 ± 297.589 $\chi^2/\text{NDF}: 13.1/18$

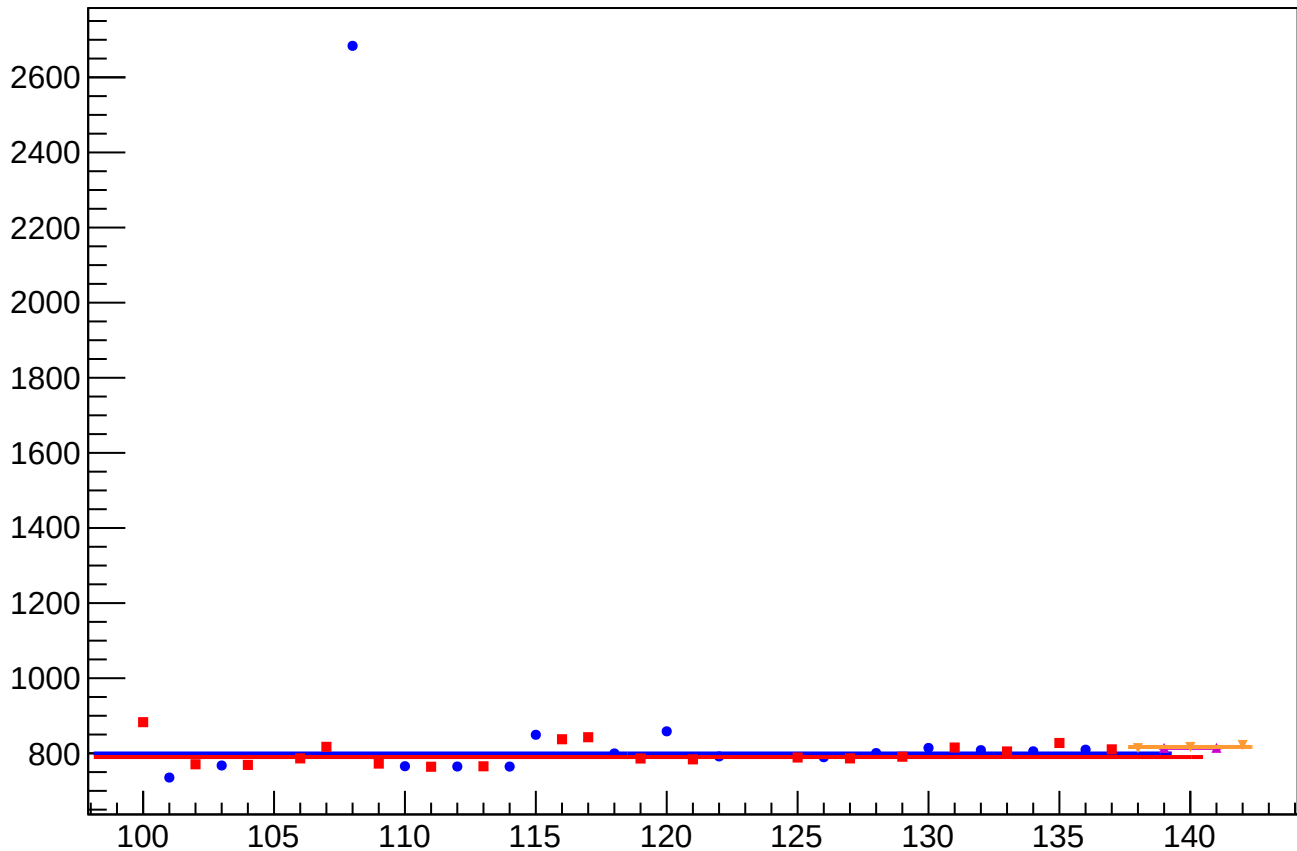
Left In: -919.614 ± 635.764 $\chi^2/\text{NDF}: 0.8/1$

-244.703 ± 275.883 $\chi^2/\text{NDF}: 10.4/18$

-169.113 ± 192.791 $\chi^2/\text{NDF}: 26.5/39$

-96.967 ± 269.524 $\chi^2/\text{NDF}: 15.9/20$

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

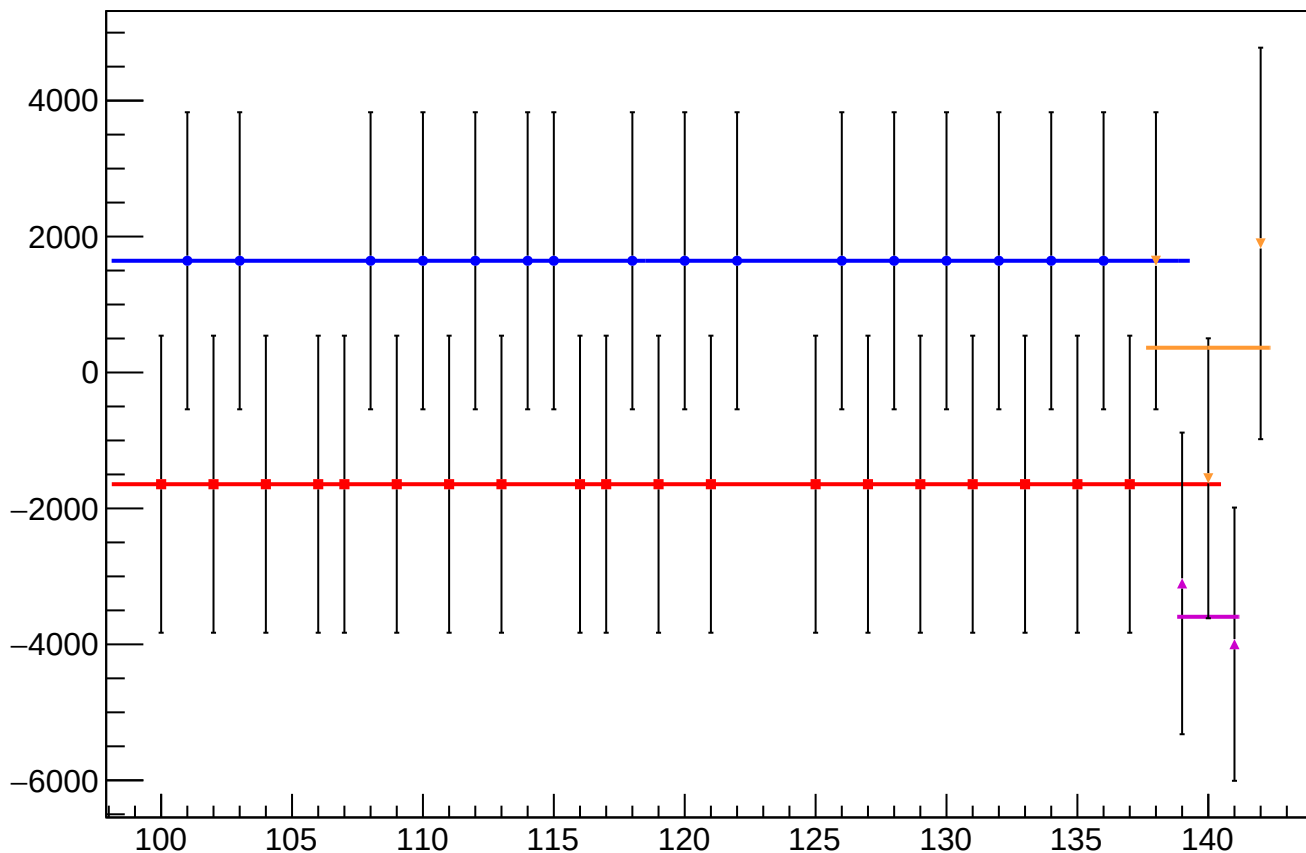
Left In: 814.574+/-0.450 χ^2/NDF : 0.1/1

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

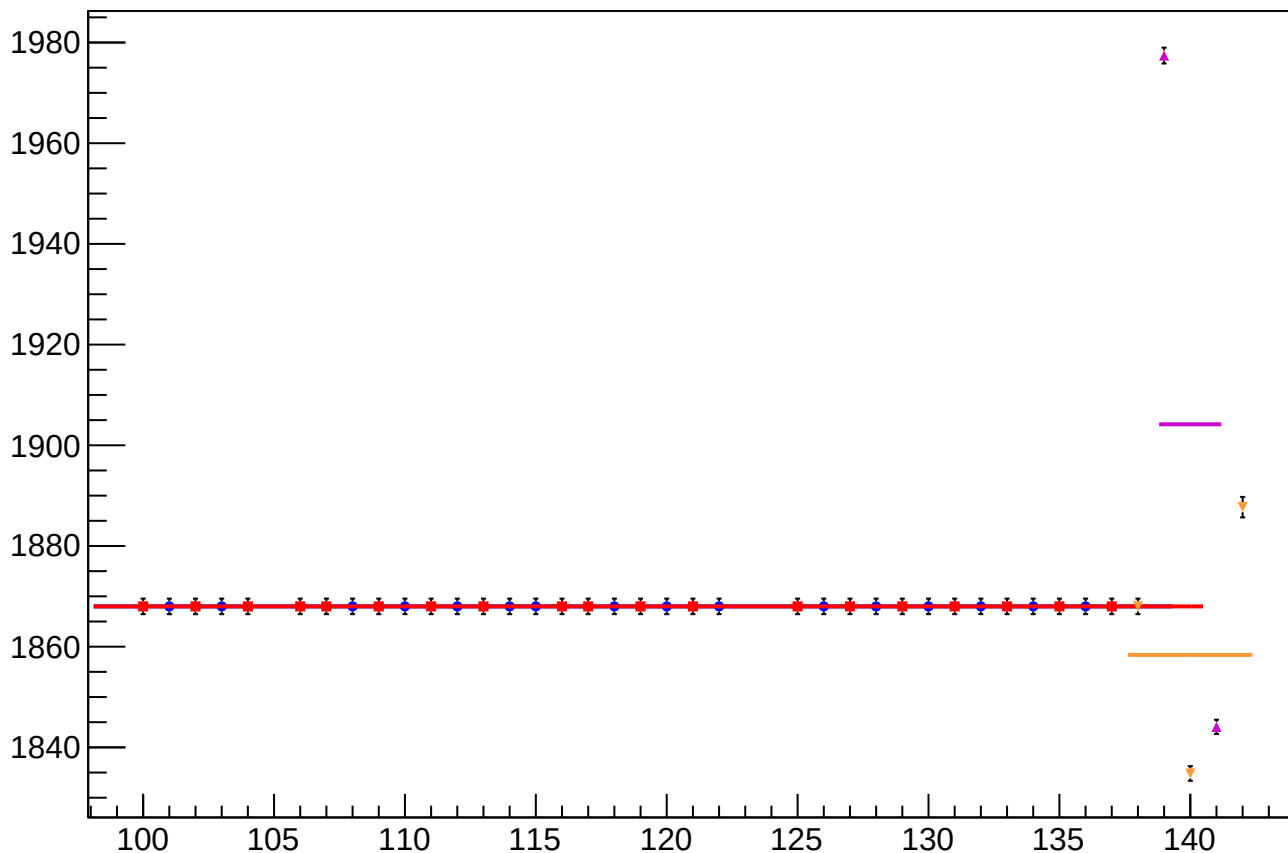
Left In: -3594.316 $\pm$ 1489.678 χ^2 /NDF: 0.1/1

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

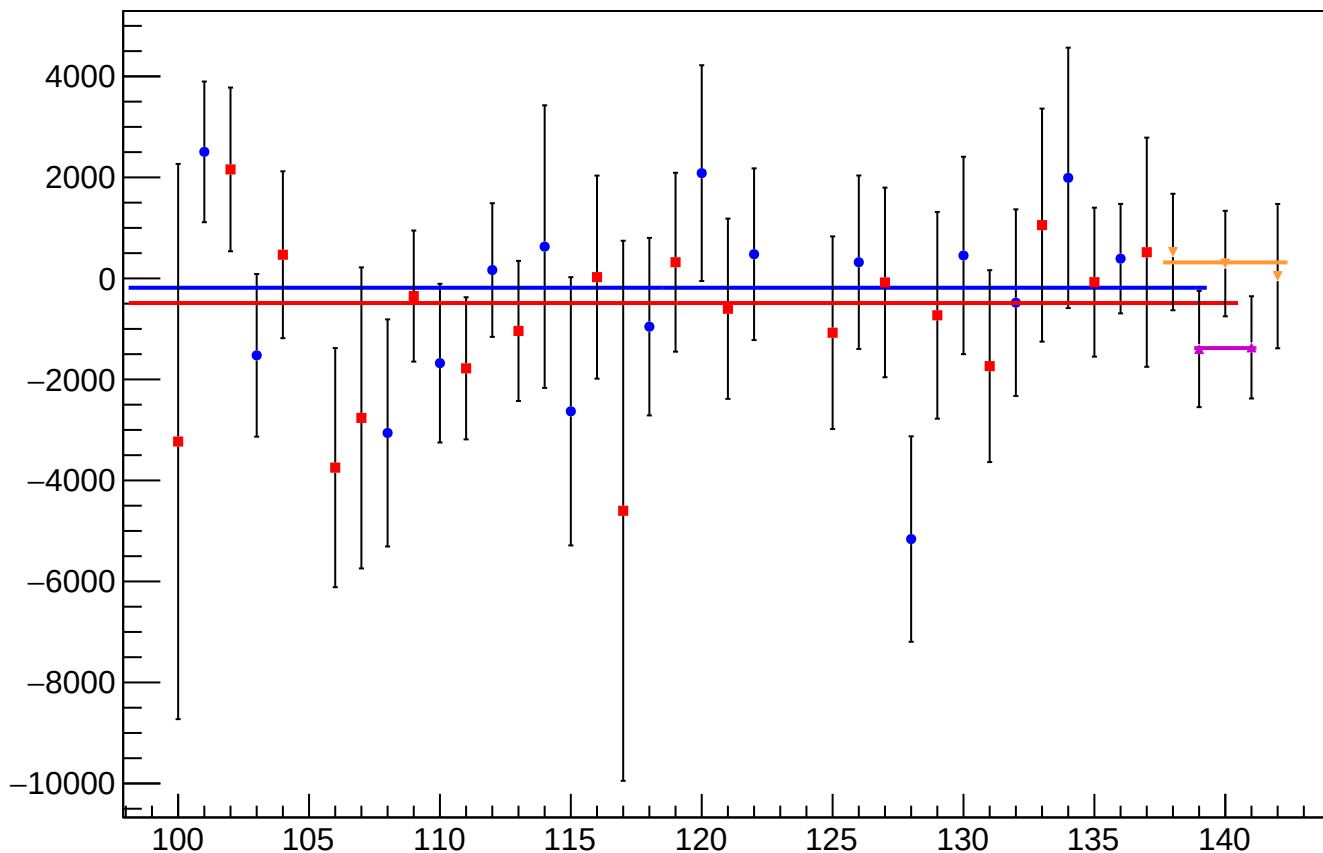
Left In: 1904.167 $\pm$ 1.053 χ^2 /NDF: 3966.9/1

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

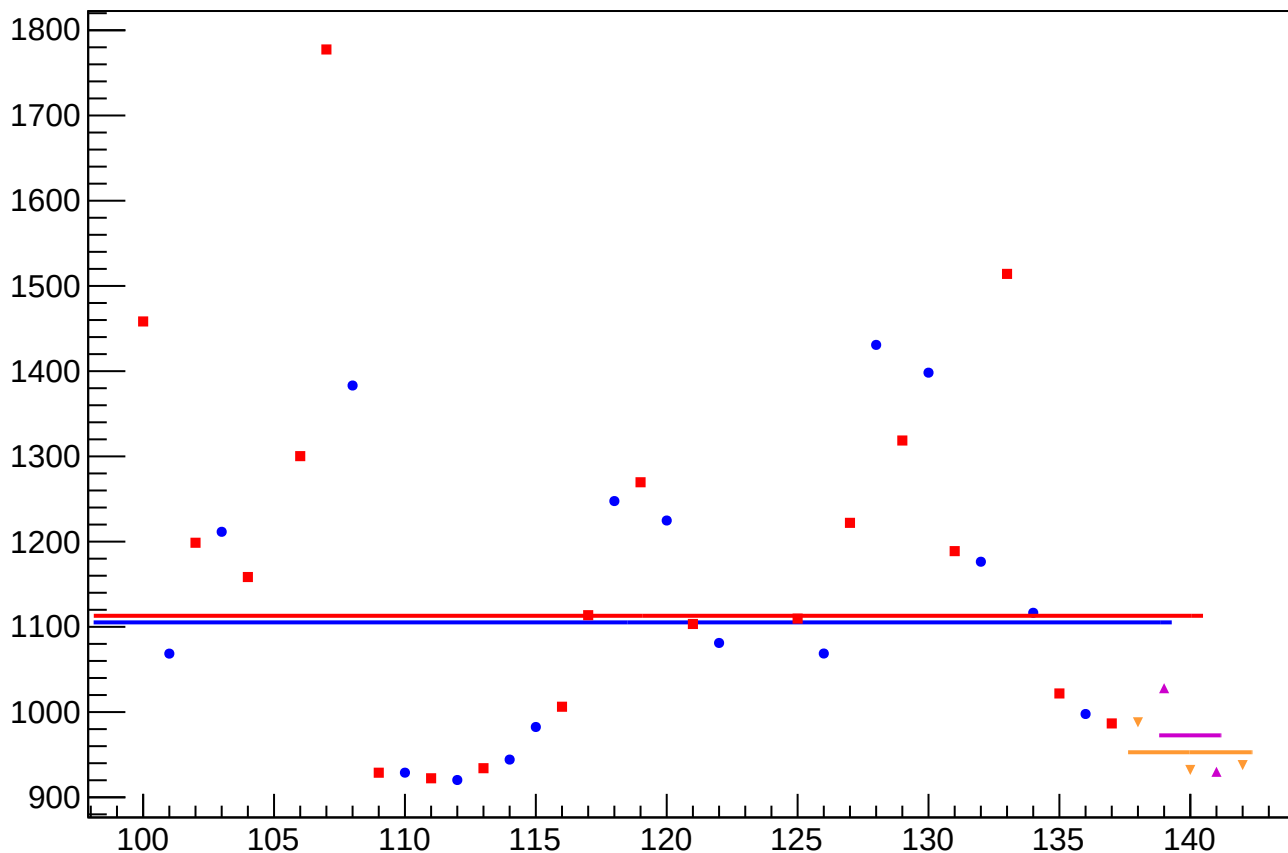
Left In: -1379.308+/-760.204 χ^2/NDF : 0.0/1

-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

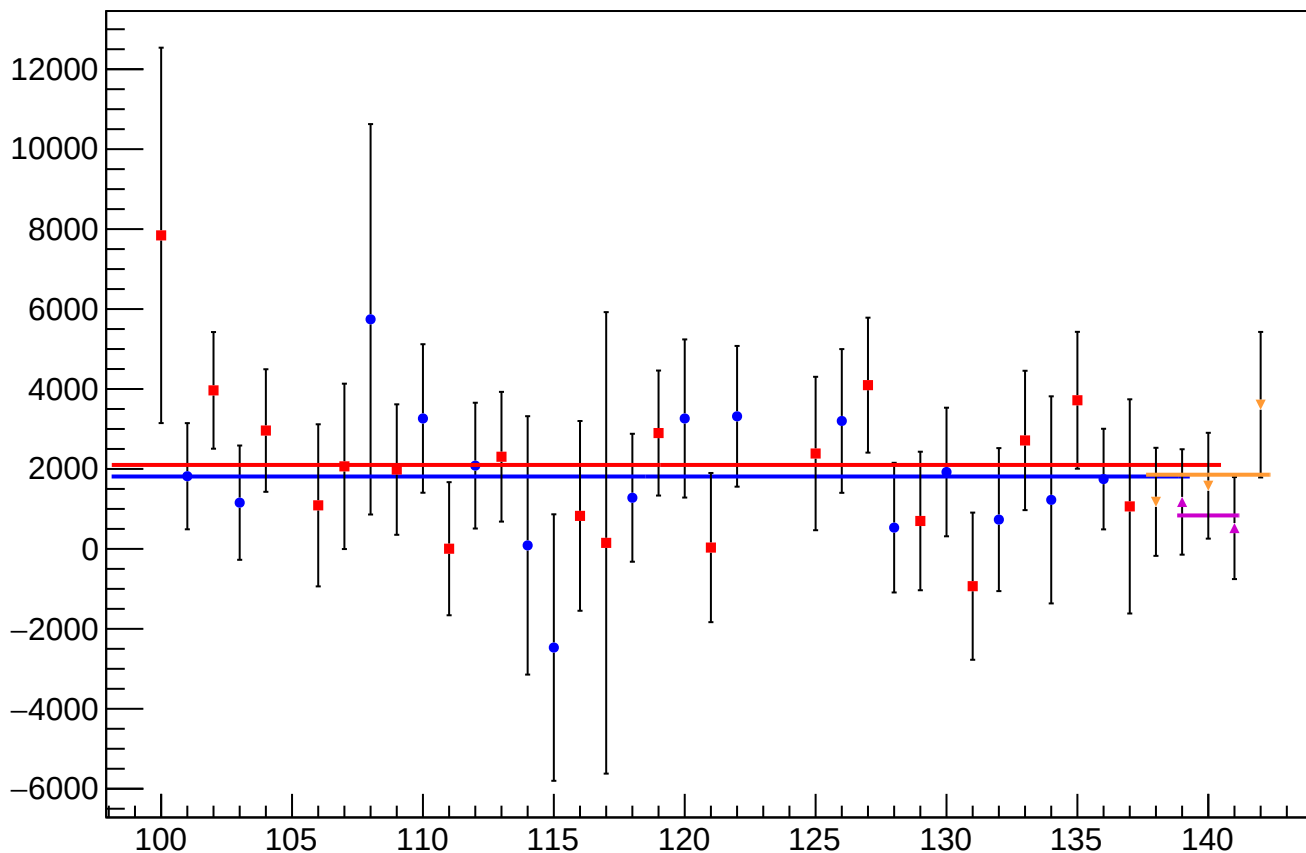
Left In: 972.687+/-0.538 χ^2/NDF : 8183.4/1

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

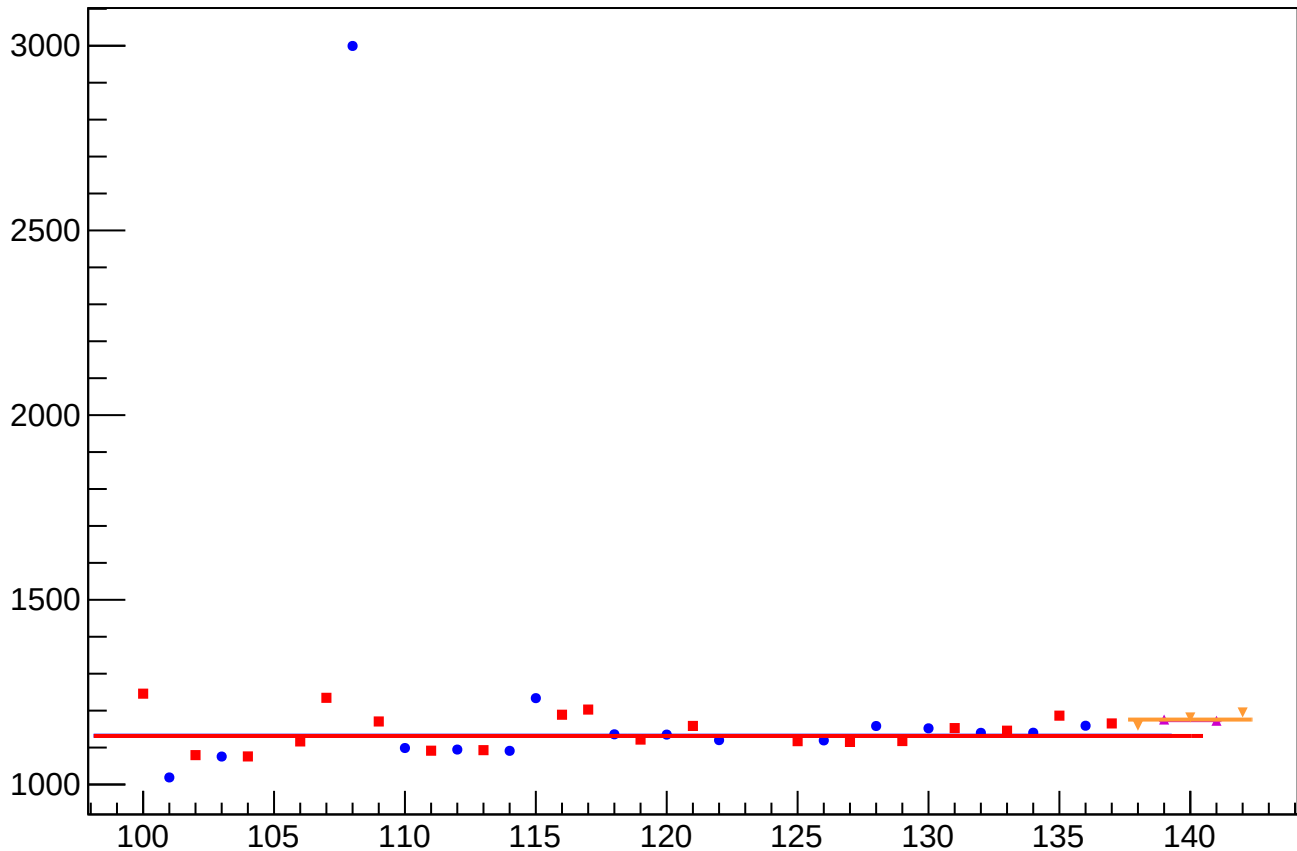
Left In: 836.718 $\pm$ 916.903 χ^2 /NDF: 0.1/1

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

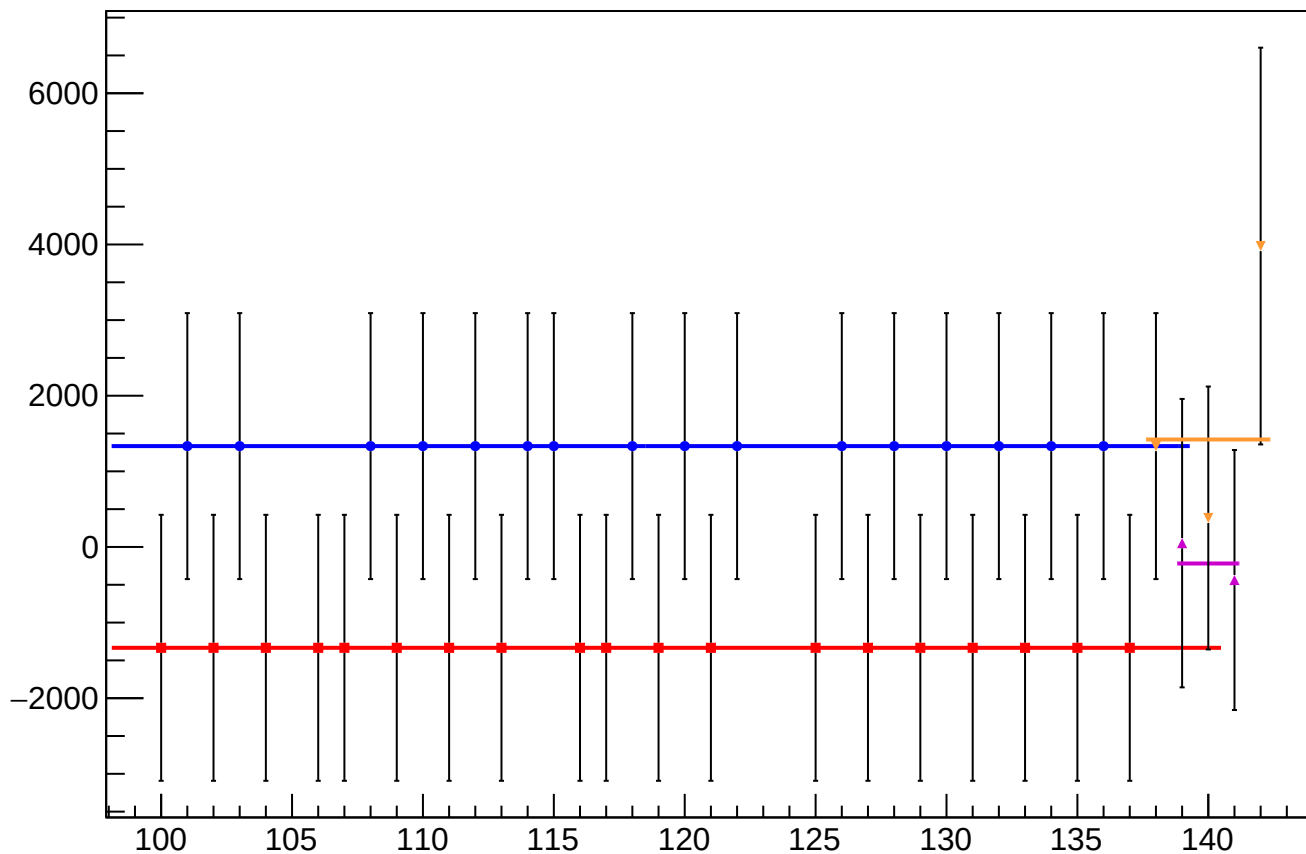
Left In: 1174.213 $\pm$ 0.648 χ^2 /NDF:6.3/1

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

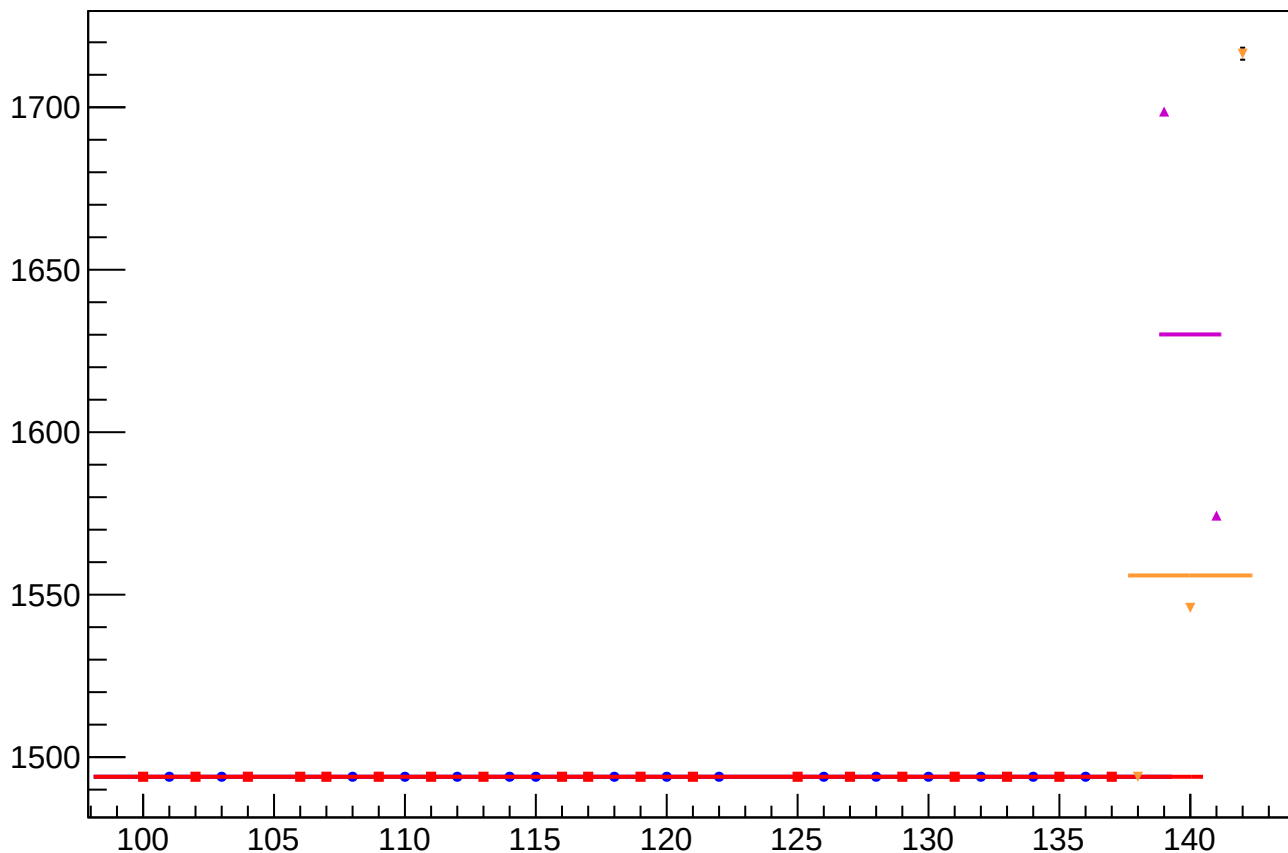
Left In: -218.585 $\pm$ 1276.915 χ^2 /NDF:0.0/1

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

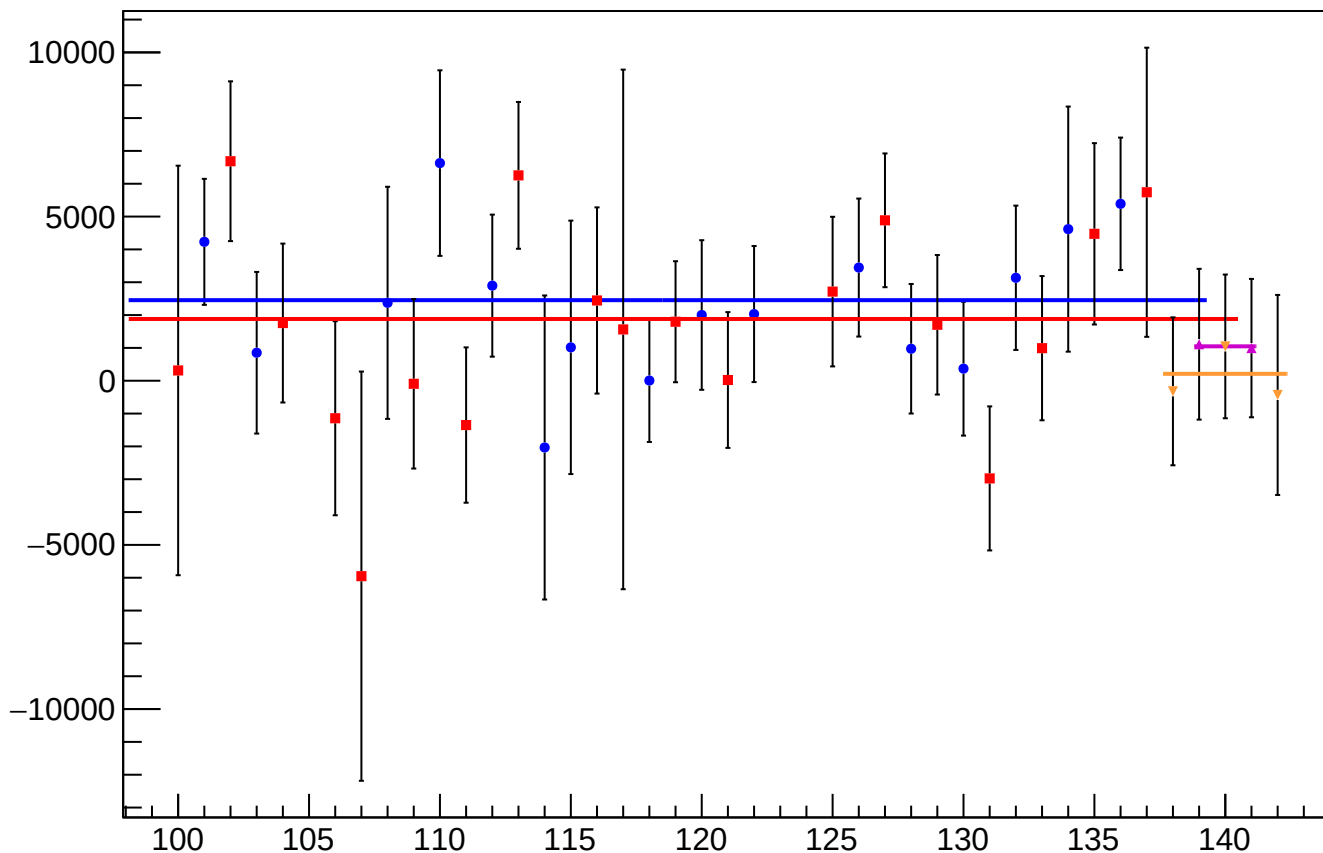
Left In: 1630.088+/-0.903 χ^2 /NDF:4690.9/1

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

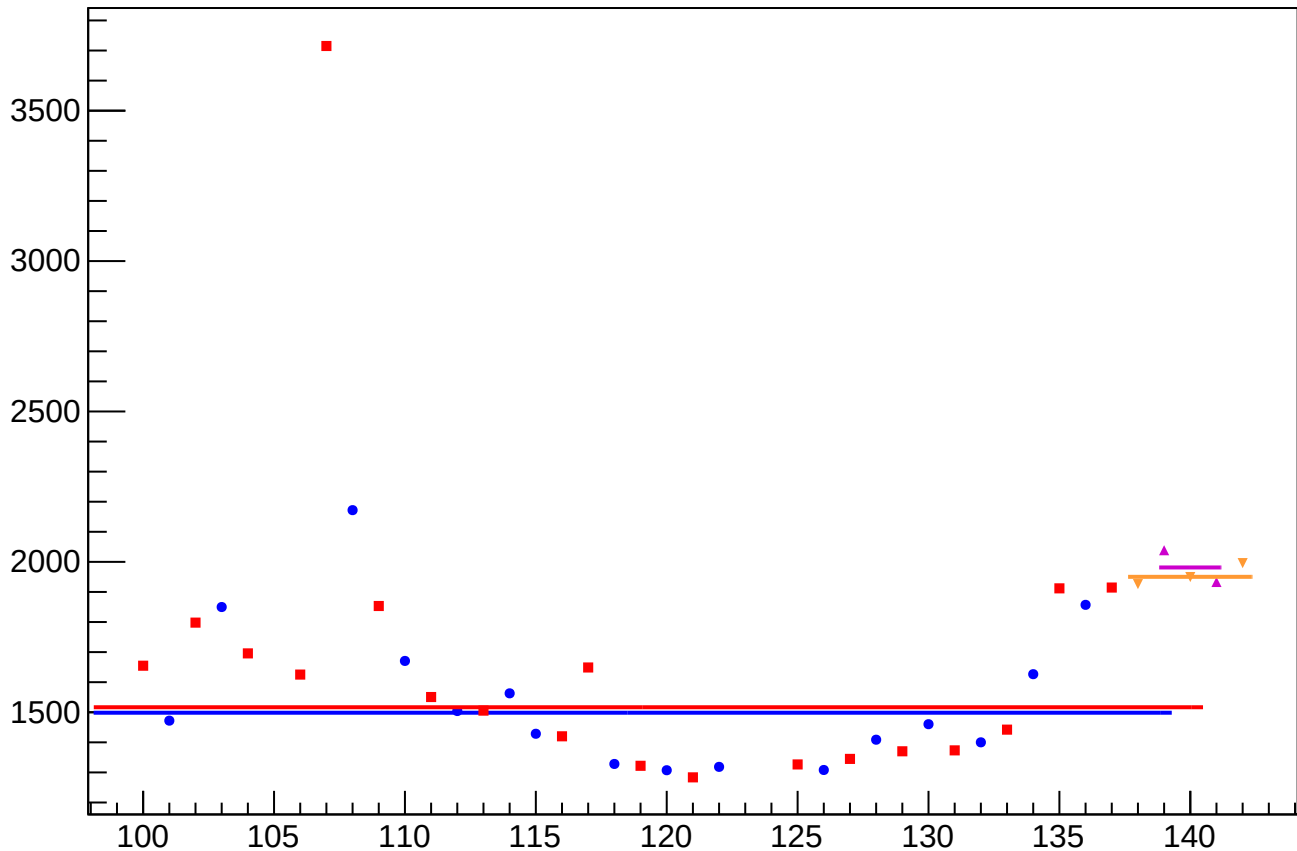
Left In: 1047.914 $\pm$ 1552.673 χ^2 /NDF: 0.0/1

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

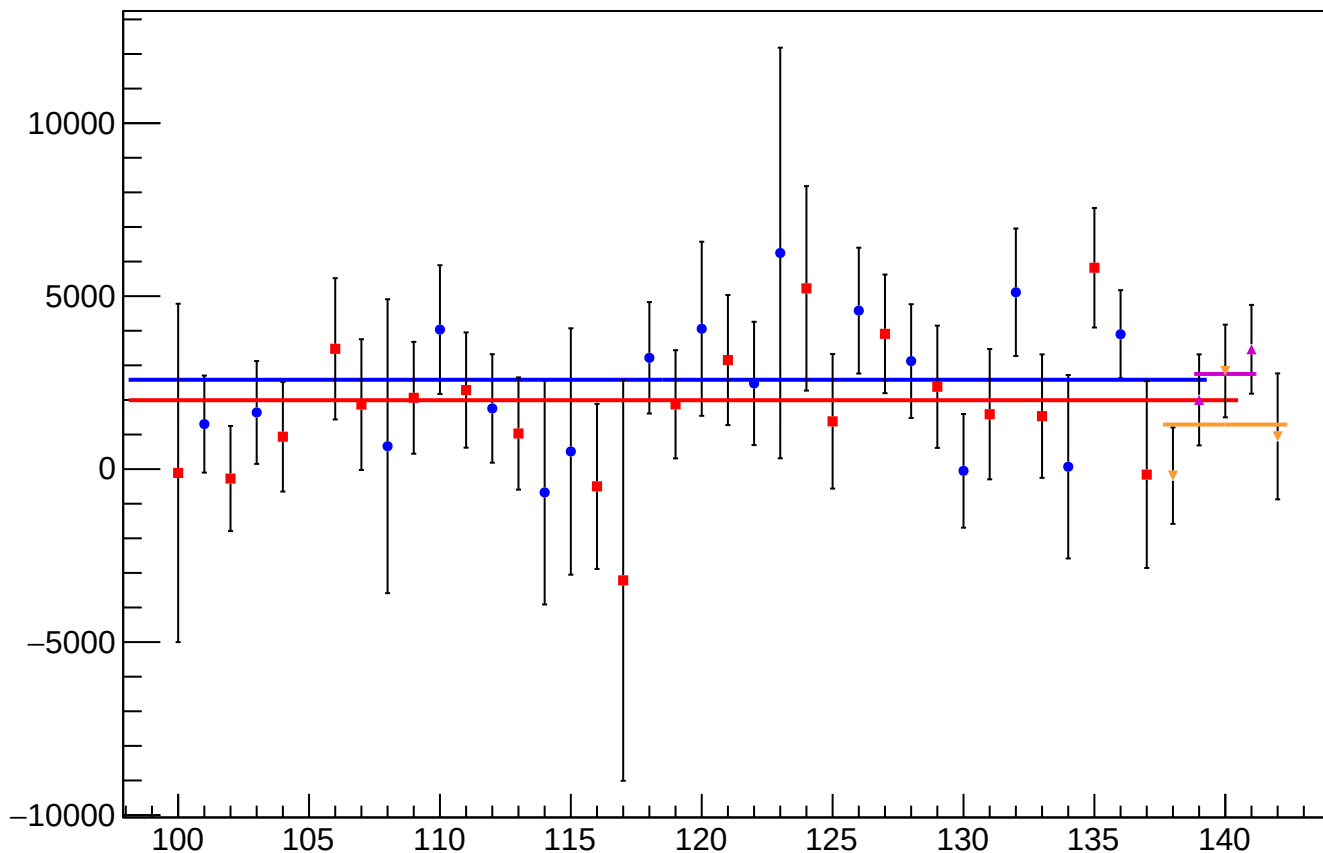
Left In: 1981.406 $\pm$ 1.098 χ^2/NDF : 2294.5/1

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 $\pm$ 453.193 χ^2 /NDF: 12.3/16

Left Out: 1288.050 $\pm$ 853.111 χ^2 /NDF: 2.5/2

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

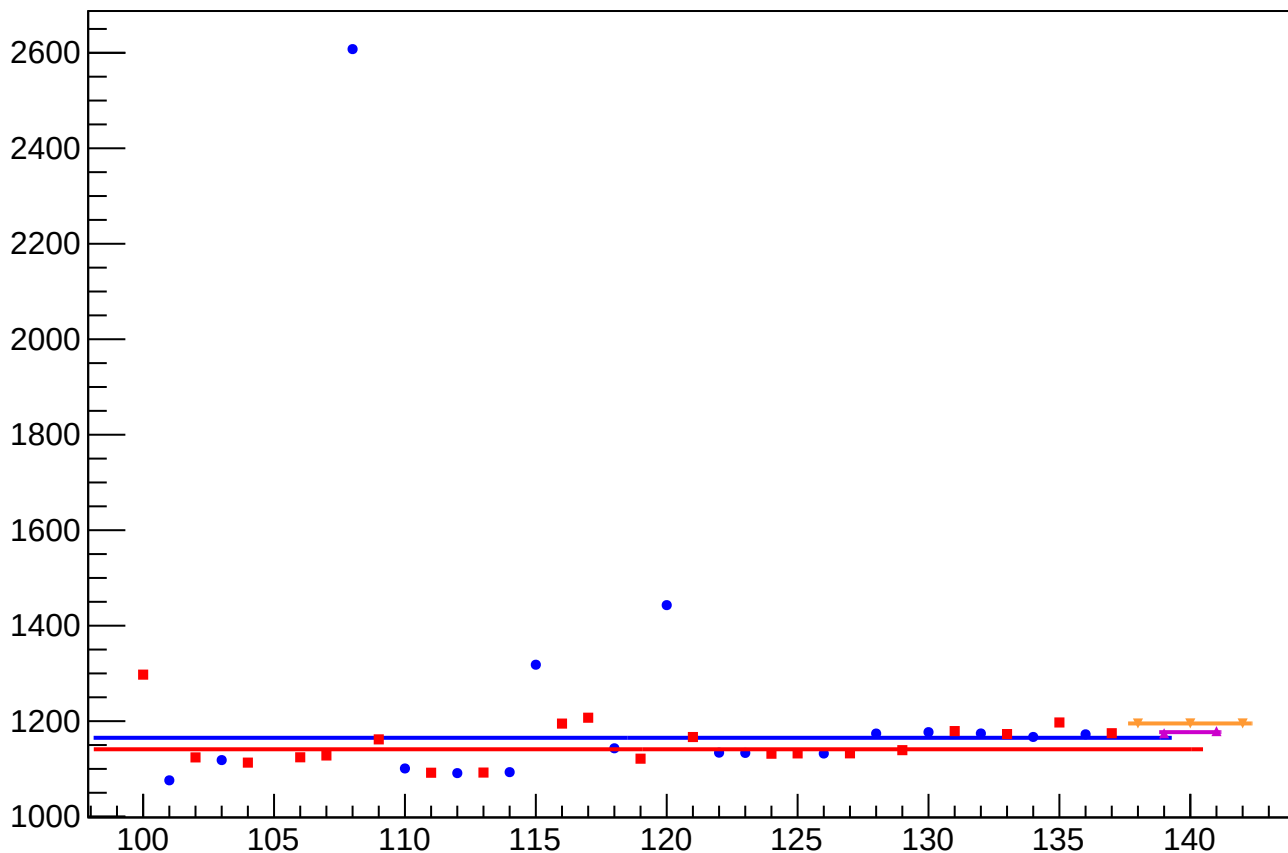
Left In: 2751.120 $\pm$ 918.642 χ^2 /NDF: 0.6/1

2297.985 $\pm$ 400.226 χ^2 /NDF: 16.6/19

2209.196 $\pm$ 277.900 χ^2 /NDF: 32.2/41

2126.534 $\pm$ 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: 1195.199 $\pm$ 0.603 χ^2 /NDF: 0.0/2

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

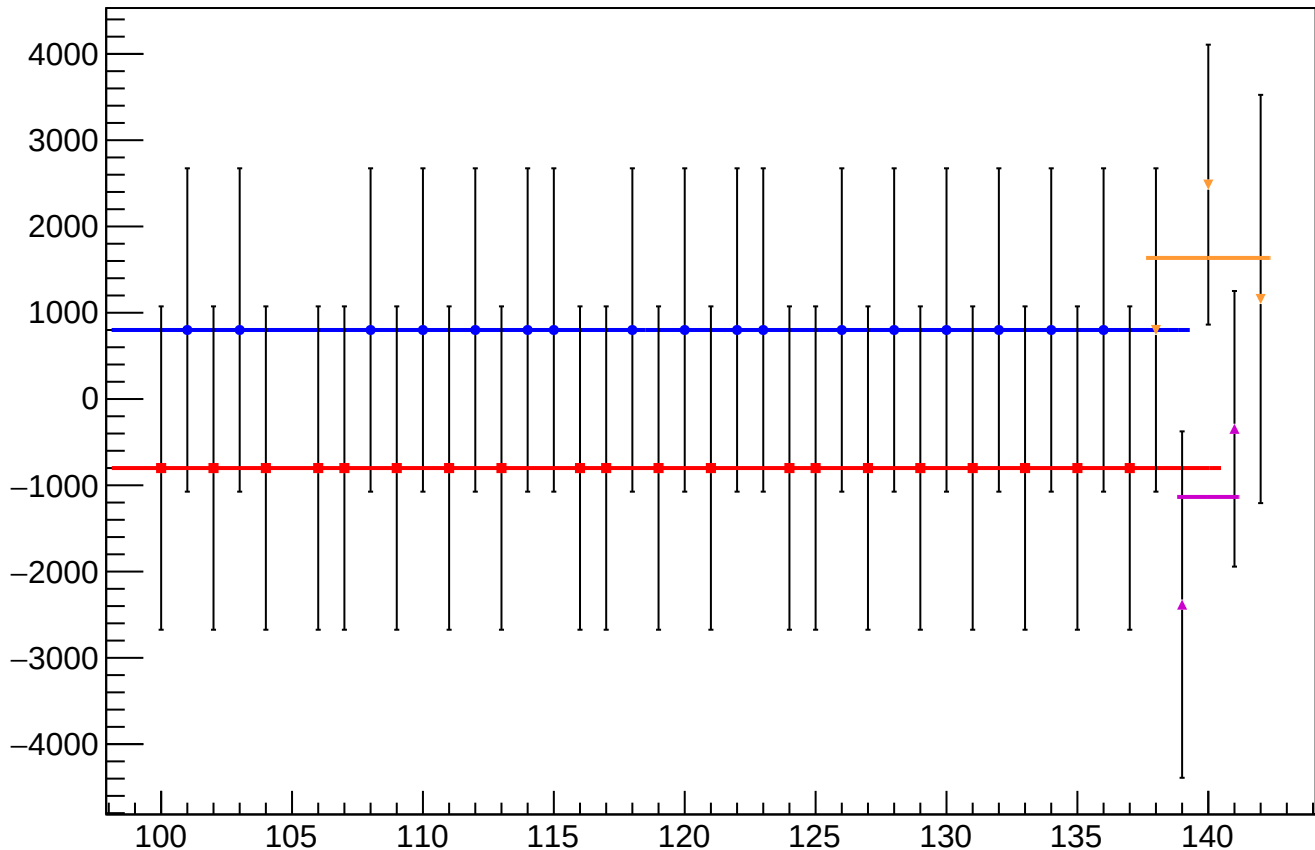
Left In: 1176.982 $\pm$ 0.650 χ^2 /NDF: 11.8/1

1171.761 $\pm$ 0.283 χ^2 /NDF: 280505.9/19

1159.171 $\pm$ 0.197 χ^2 /NDF: 299829.5/41

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: 1635.362 $\pm$ 1088.924 χ^2/NDF : 0.5/2

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

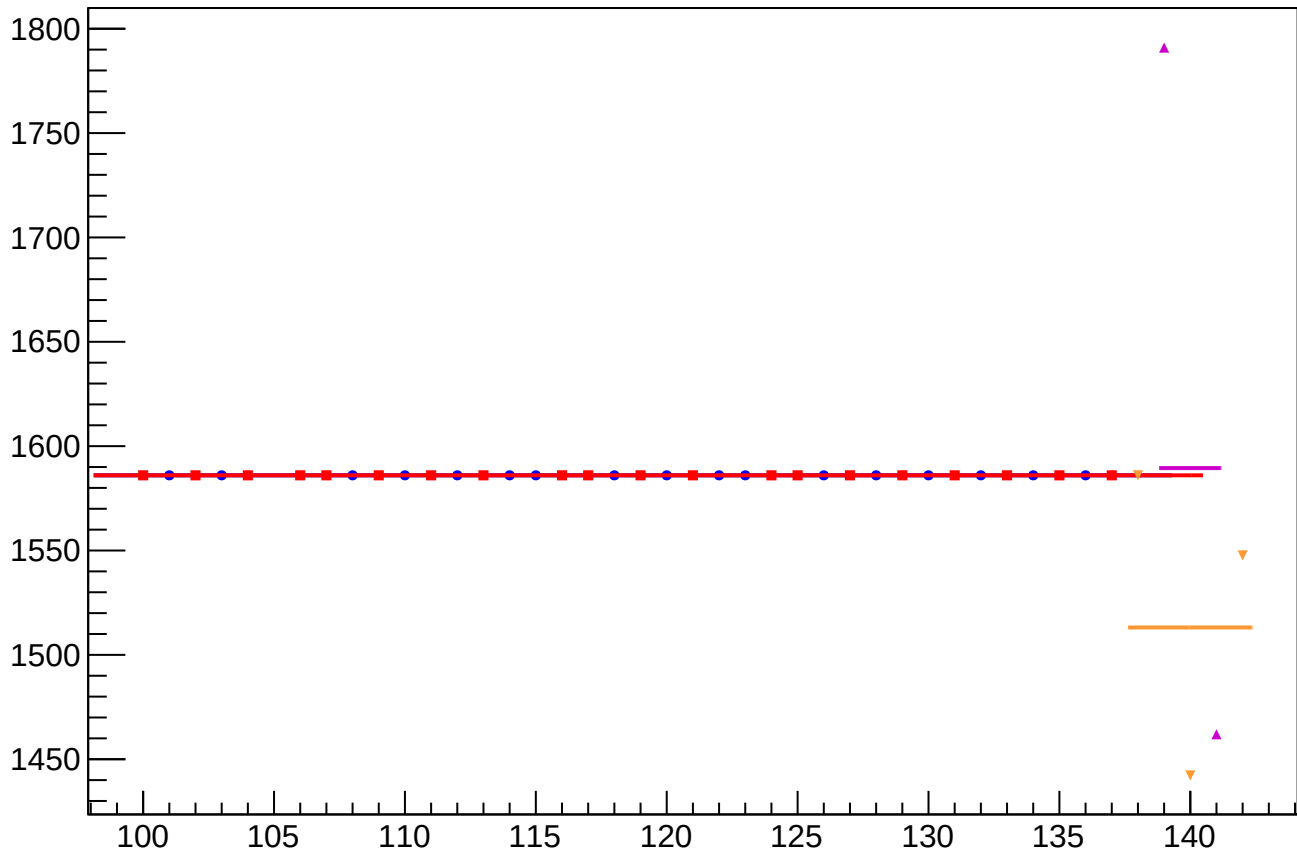
Left In: -1135.038 $\pm$ 1249.983 χ^2/NDF : 0.6/1

924.064 $\pm$ 419.447 χ^2/NDF : 1.0/19

-2.559 $\pm$ 288.451 χ^2/NDF : 11.0/41

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

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1586.027 $\pm$ 0.321 χ^2 /NDF: 0.0/16

Left Out: 1513.120 $\pm$ 0.770 χ^2 /NDF: 7270.2/2

Right Out: 1586.027 $\pm$ 0.296 χ^2 /NDF: 0.0/19

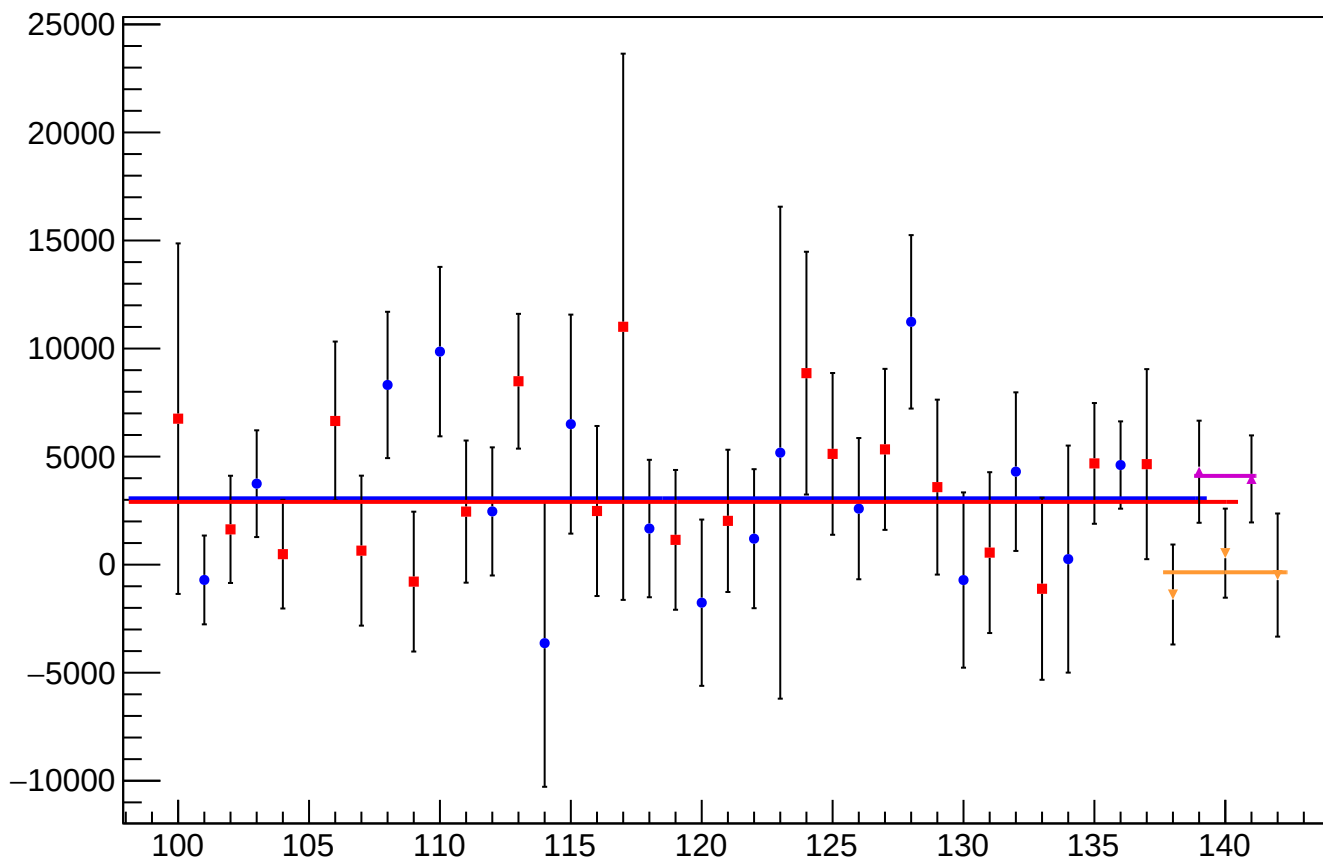
Left In: 1589.488 $\pm$ 0.884 χ^2 /NDF: 32885.6/1

1575.209 $\pm$ 0.297 χ^2 /NDF: 14905.4/19

1581.095 $\pm$ 0.204 χ^2 /NDF: 48552.0/41

1586.376 $\pm$ 0.281 χ^2 /NDF: 32899.4/21

asym_usr_mean vs Slug, Sign Corrected



Right In: 3069.484+/-797.741 χ^2/NDF : 18.5/16

Left Out: -352.551+/-1353.796 χ^2/NDF : 0.4/2

Right Out: 2904.708+/-793.782 χ^2/NDF : 12.0/19

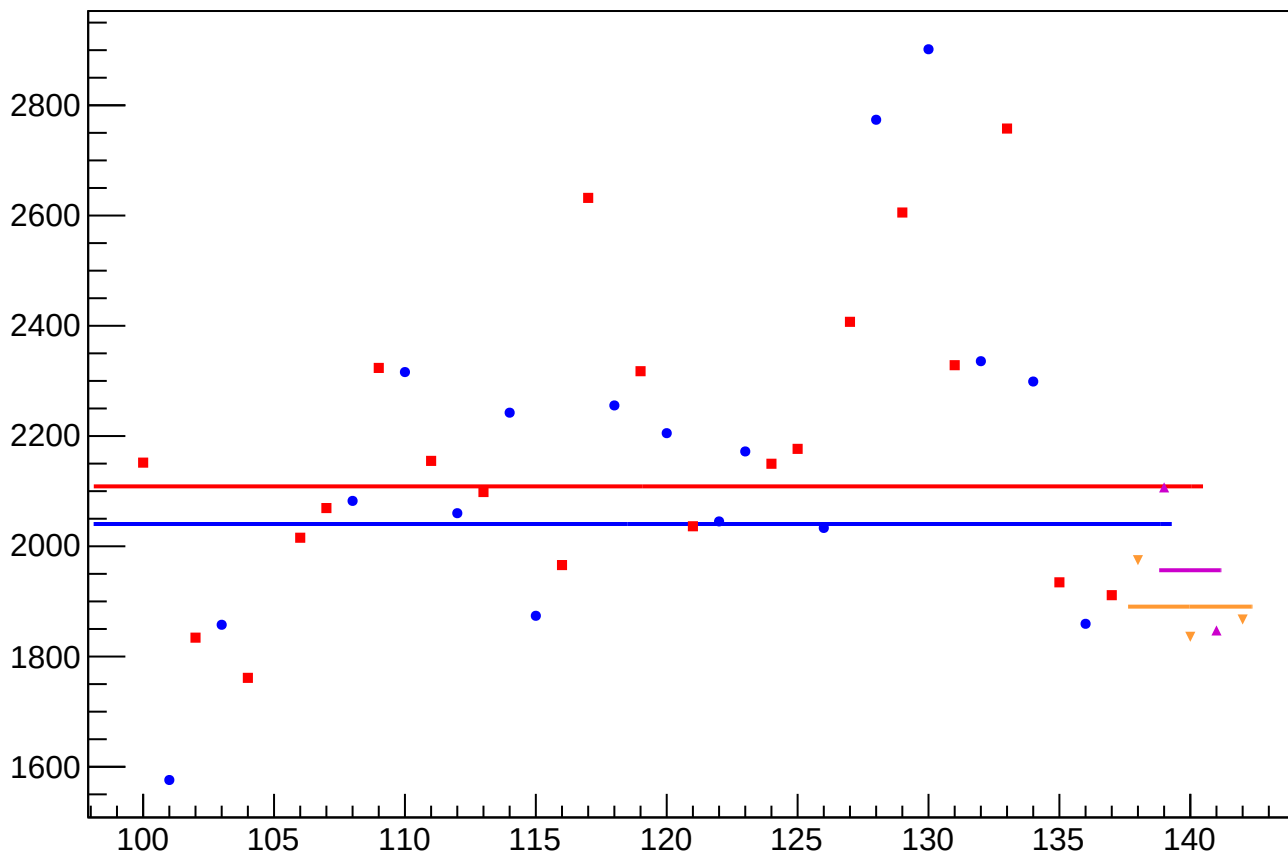
Left In: 4107.605+/-1532.570 χ^2/NDF : 0.0/1

2187.502+/-687.291 χ^2/NDF : 23.7/19

2661.071+/-492.079 χ^2/NDF : 37.1/41

3159.145+/-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: 1890.538+/-0.957 χ^2/NDF : 4198.0/2

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

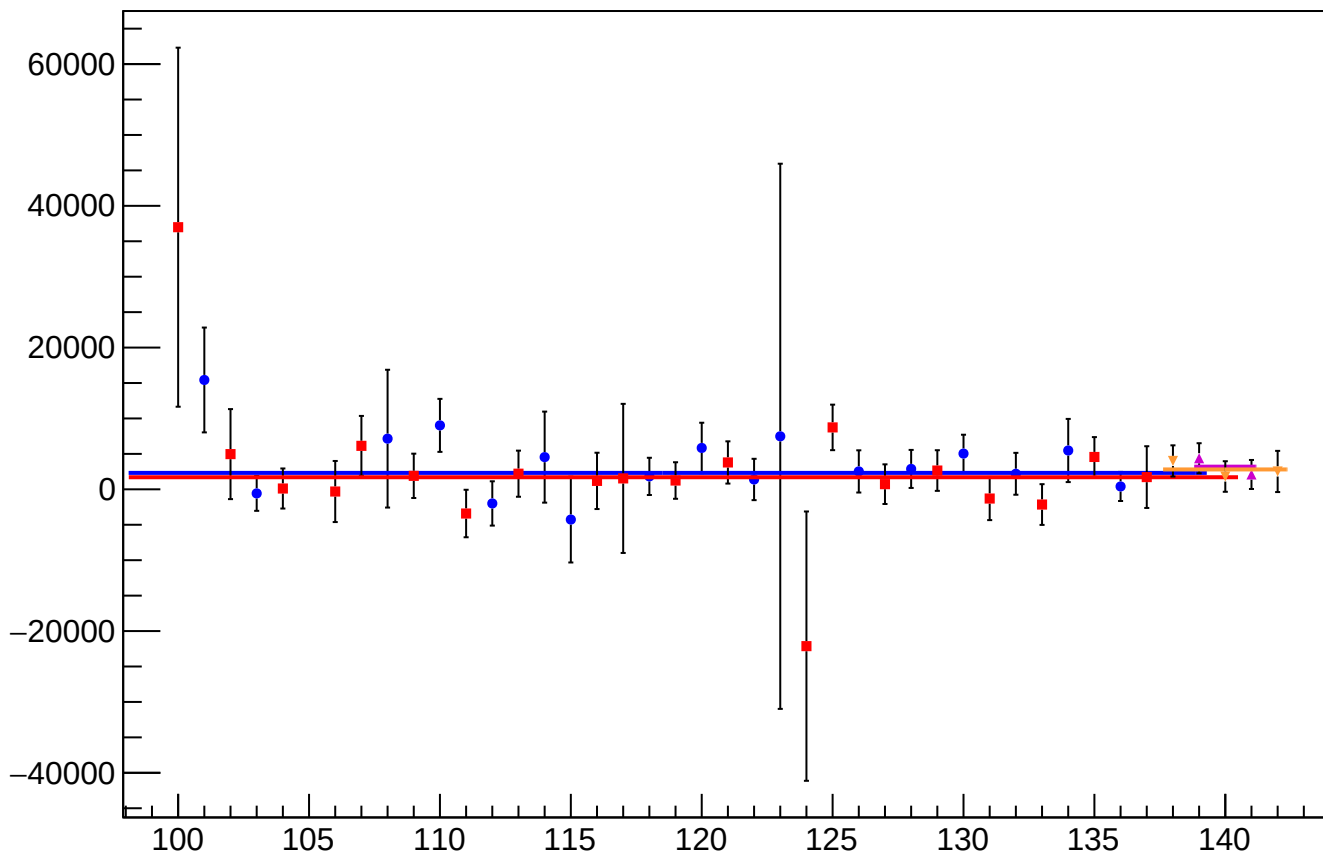
Left In: 1956.558+/-1.084 χ^2/NDF : 13977.9/1

2001.800+/-0.486 χ^2/NDF : 353737.4/19

2038.216+/-0.348 χ^2/NDF : 593633.6/41

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: 2804.447 $\pm$ 1360.905 χ^2 /NDF: 0.5/2

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

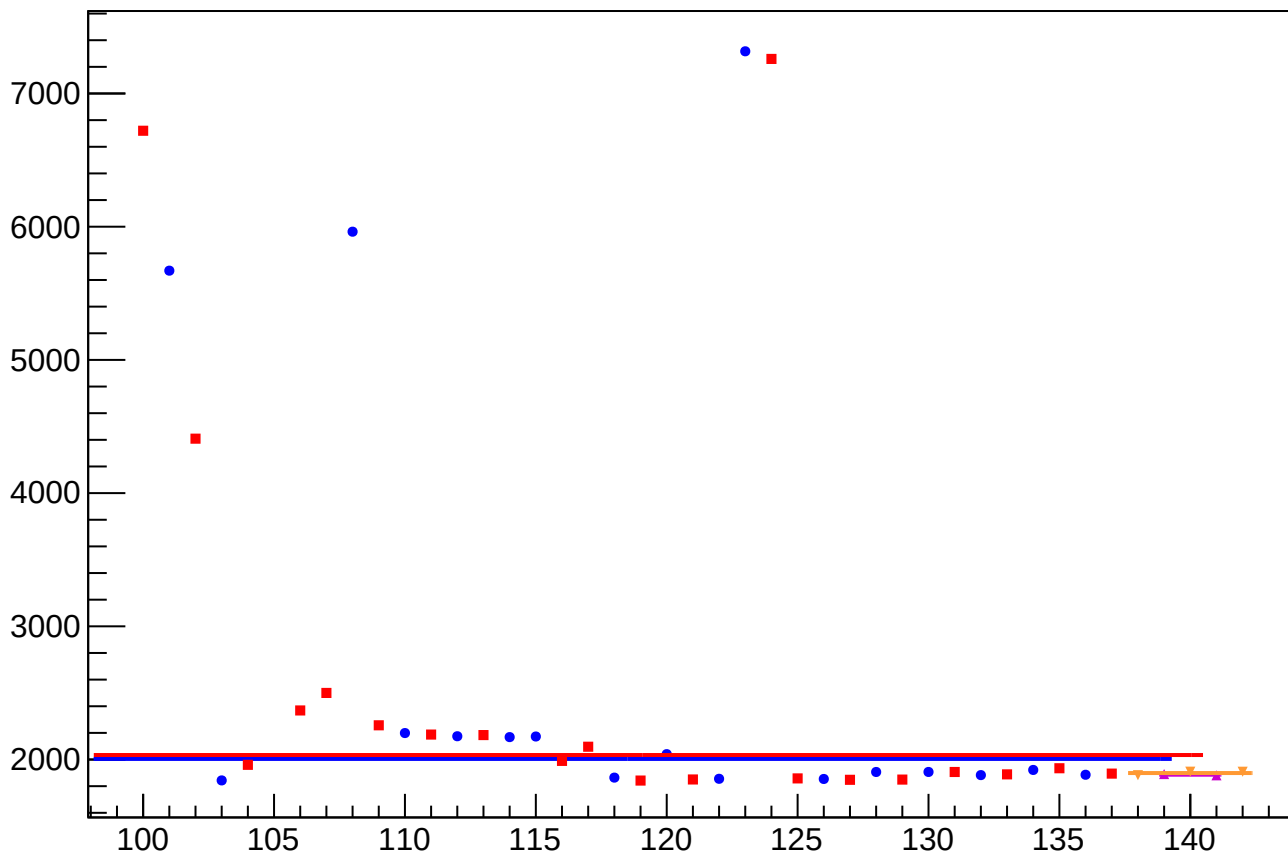
Left In: 3196.500 $\pm$ 1473.917 χ^2 /NDF: 0.6/1

2444.032 $\pm$ 690.587 χ^2 /NDF: 15.4/19

2237.532 $\pm$ 488.072 χ^2 /NDF: 34.1/41

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: 1898.575+/-0.962 χ^2/NDF : 175.5/2

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

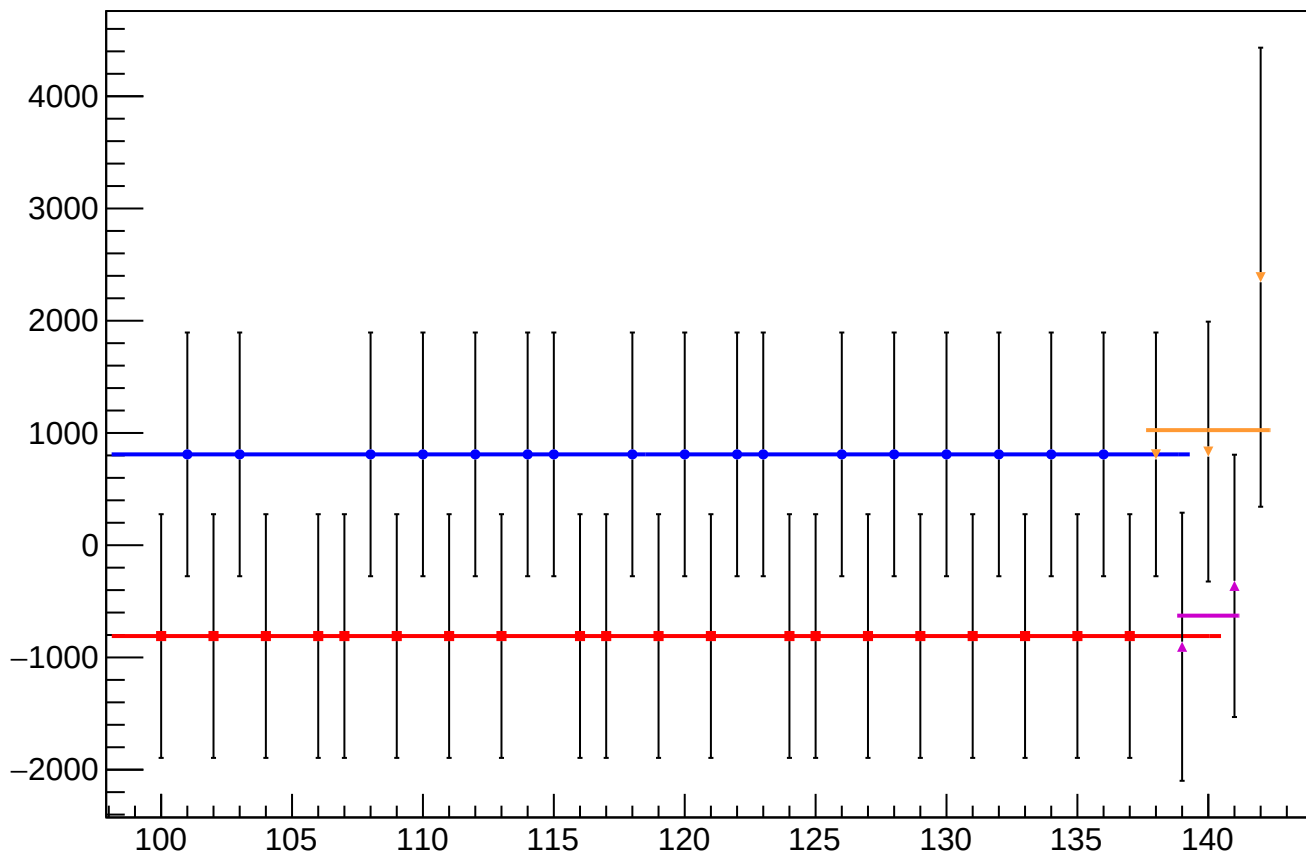
Left In: 1886.053+/-1.042 χ^2/NDF : 20.5/1

1977.262+/-0.488 χ^2/NDF : 925193.8/19

1989.372+/-0.345 χ^2/NDF : 1553224.7/41

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

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 809.345 $\pm$ 263.303 χ^2/NDF : 0.0/16

Left Out: 1025.259 $\pm$ 738.470 χ^2/NDF : 0.5/2

Right Out: -809.345 $\pm$ 242.753 χ^2/NDF : 0.0/19

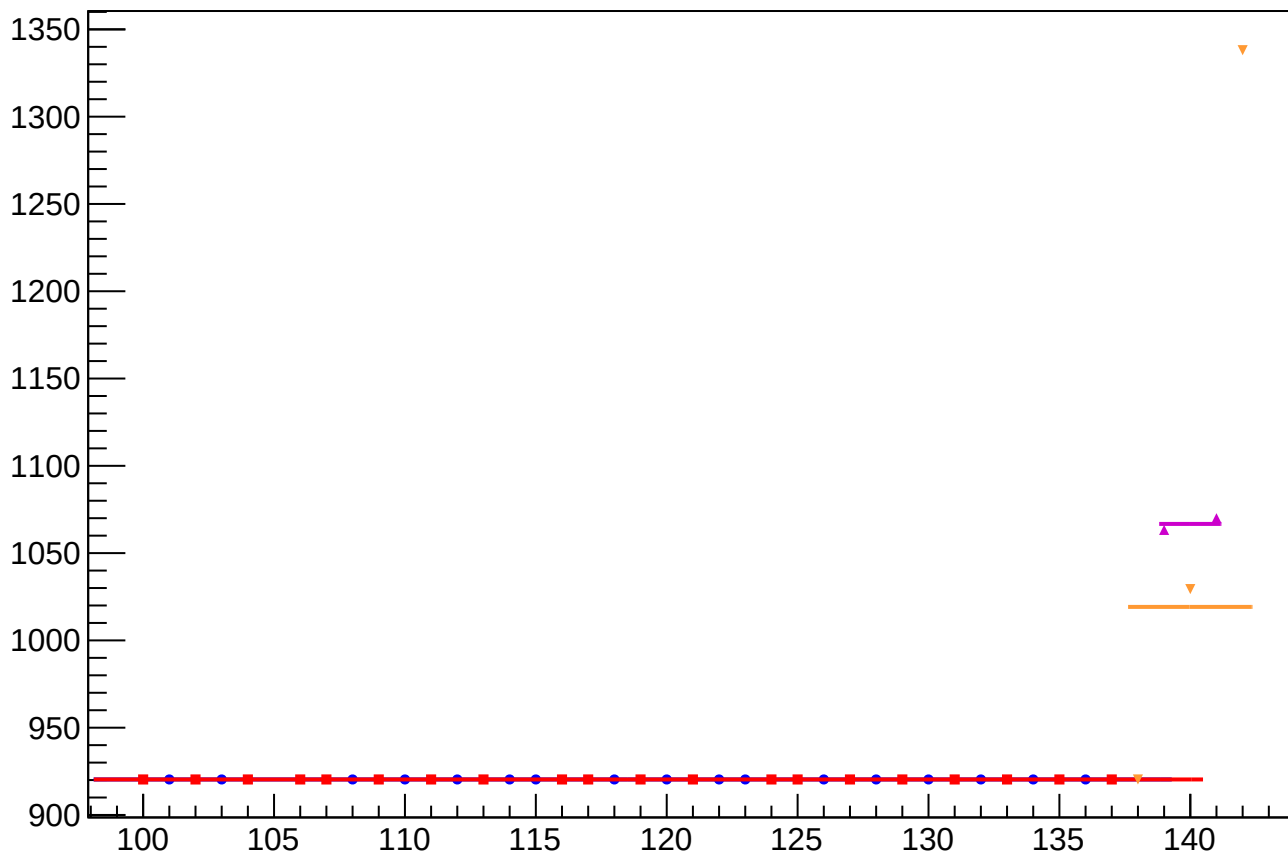
Left In: -627.555 $\pm$ 835.279 χ^2/NDF : 0.1/1

833.698 $\pm$ 248.010 χ^2/NDF : 0.6/19

-31.147 $\pm$ 169.856 χ^2/NDF : 23.6/41

-795.186 $\pm$ 233.108 χ^2/NDF : 0.1/21

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 920.346 $\pm$ 0.186 χ^2 /NDF: 0.0/16

Left Out: 1019.187 $\pm$ 0.522 χ^2 /NDF: 65365.0/2

Right Out: 920.346 $\pm$ 0.172 χ^2 /NDF: 0.0/19

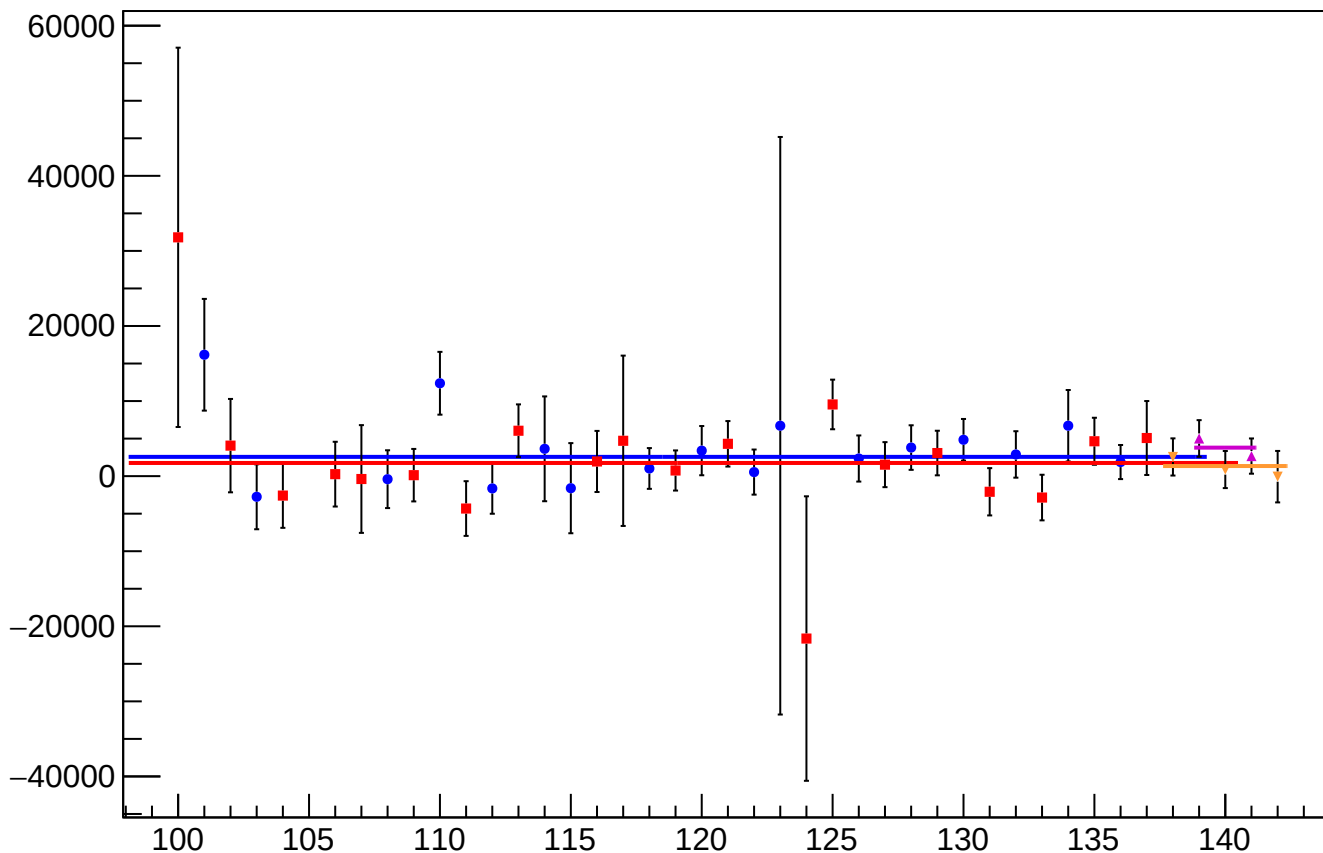
Left In: 1066.719 $\pm$ 0.591 χ^2 /NDF: 32.2/1

931.495 $\pm$ 0.175 χ^2 /NDF: 97152.8/19

931.629 $\pm$ 0.120 χ^2 /NDF: 153819.7/41

931.747 $\pm$ 0.165 χ^2 /NDF: 56665.7/21

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2566.797 ± 856.089 χ^2/NDF : 15.6/16

Left Out: 1345.650 ± 1557.539 χ^2/NDF : 0.4/2

Right Out: 1754.395 ± 850.779 χ^2/NDF : 20.6/19

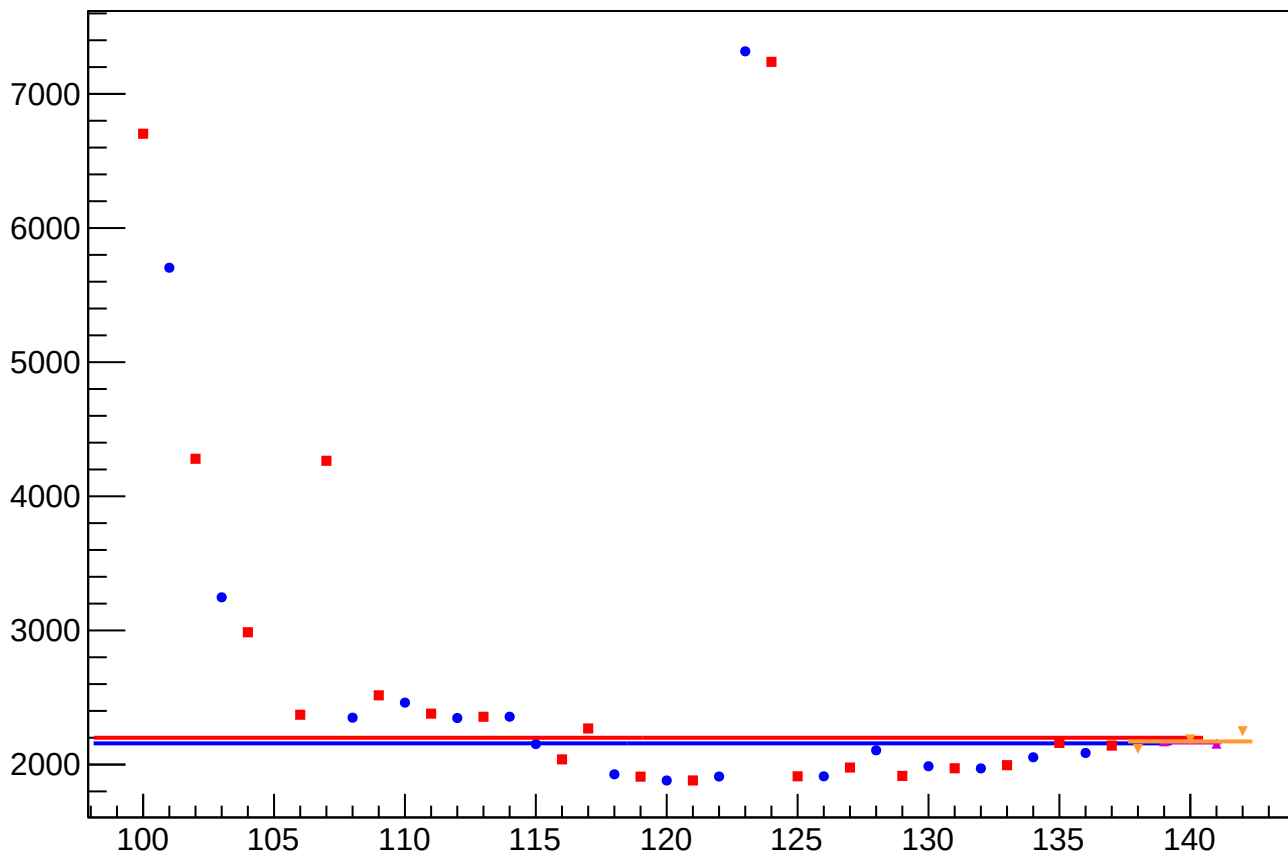
Left In: 3795.944 ± 1692.977 χ^2/NDF : 0.5/1

2283.474 ± 750.232 χ^2/NDF : 16.5/19

2225.520 ± 533.979 χ^2/NDF : 38.7/41

2166.017 ± 760.188 χ^2/NDF : 22.2/21

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2172.493+/-1.101 χ^2/NDF :2061.7/2

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

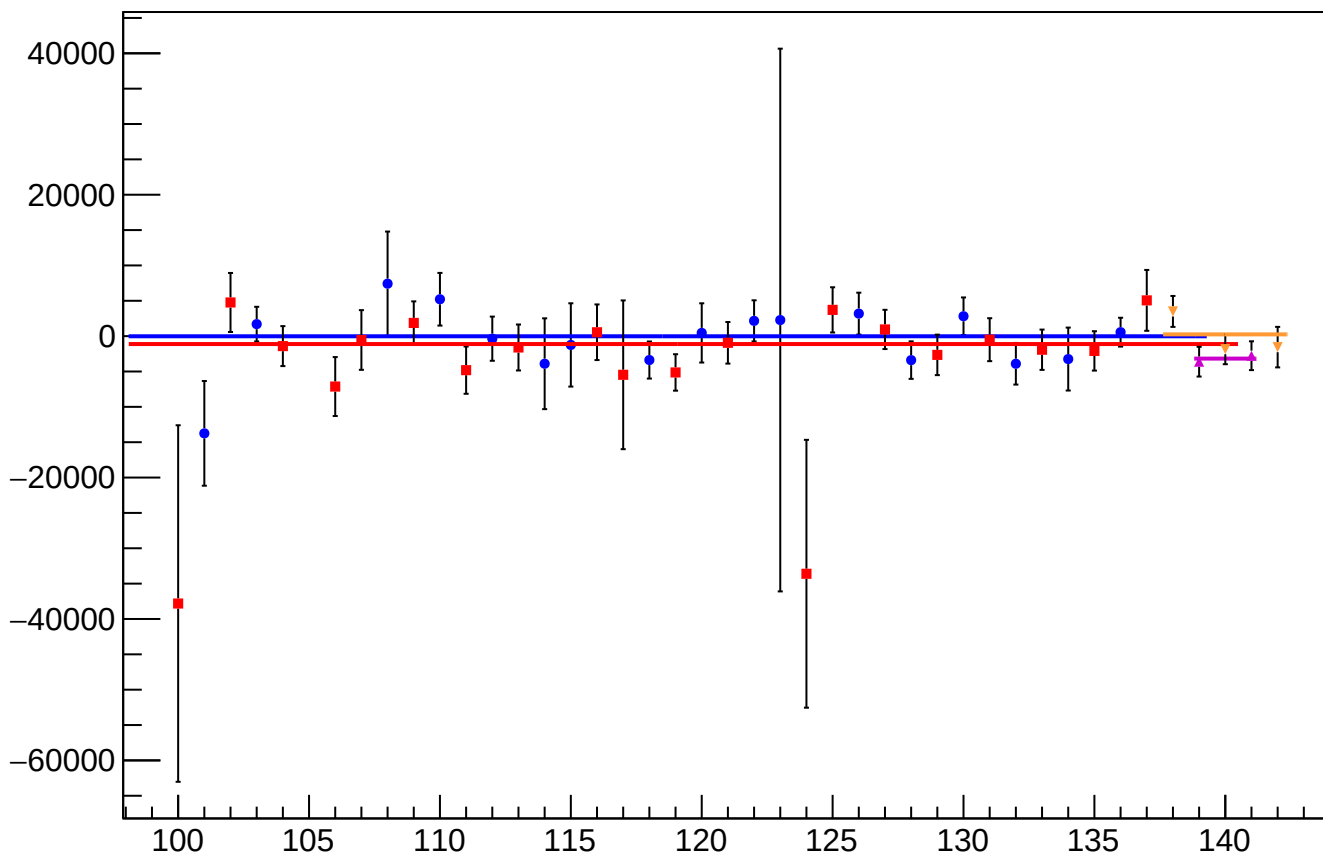
Left In: 2164.424+/-1.197 χ^2/NDF :52.7/1

2161.477+/-0.530 χ^2/NDF : 716054.2/19

2176.841+/-0.378 χ^2/NDF : 1521599.0/41

2192.616+/-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: 249.129 ± 1347.633 χ^2/NDF : 3.6/2

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

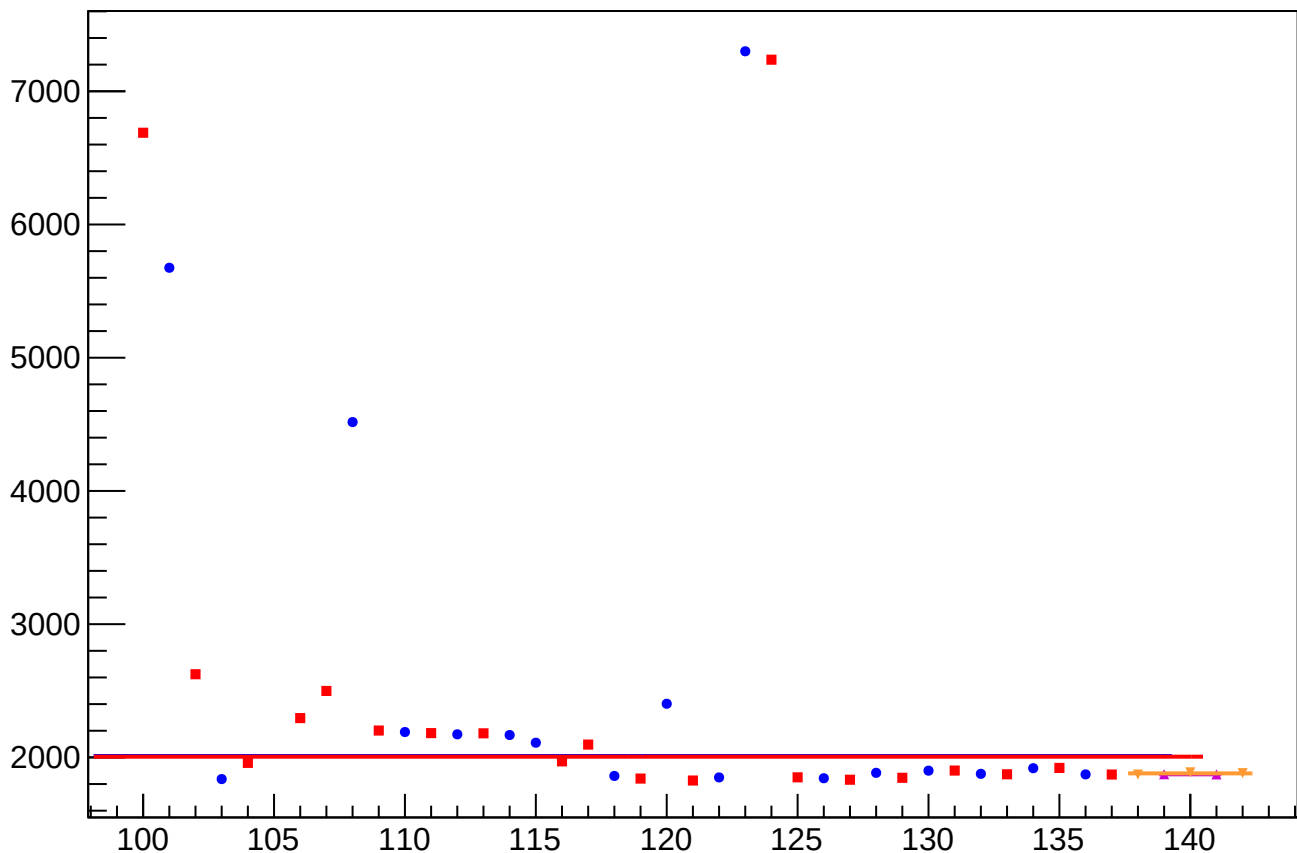
Left In: -3175.418 ± 1463.438 χ^2/NDF : 0.1/1

51.584 ± 688.812 χ^2/NDF : 19.4/19

-766.085 ± 483.851 χ^2/NDF : 43.4/41

-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: 1880.040+/-0.953 χ^2/NDF : 60.1/2

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

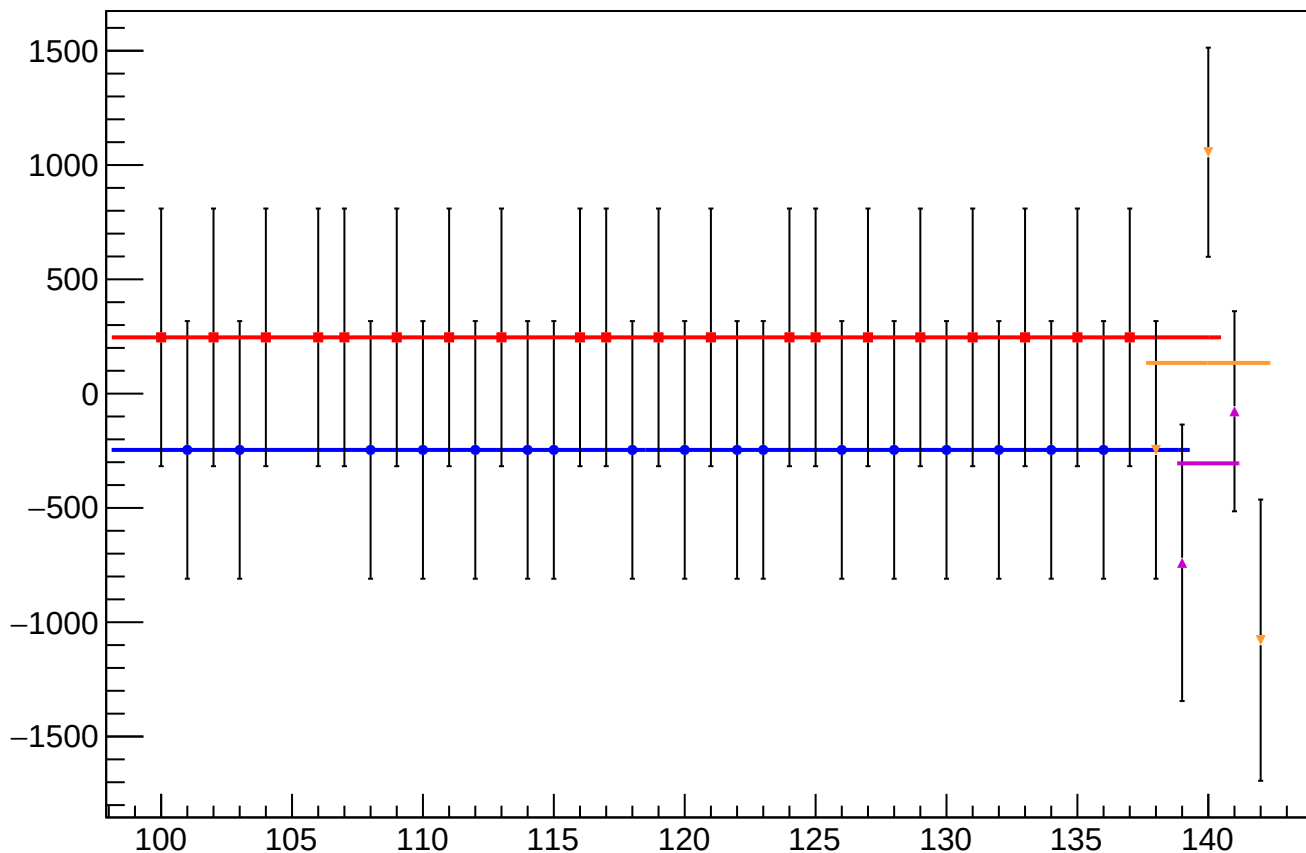
Left In: 1872.998+/-1.035 χ^2/NDF : 0.3/1

1976.249+/-0.487 χ^2/NDF : 853604.9/19

1976.530+/-0.342 χ^2/NDF : 1234100.8/41

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: 134.481+/-307.580 χ^2/NDF : 8.4/2

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

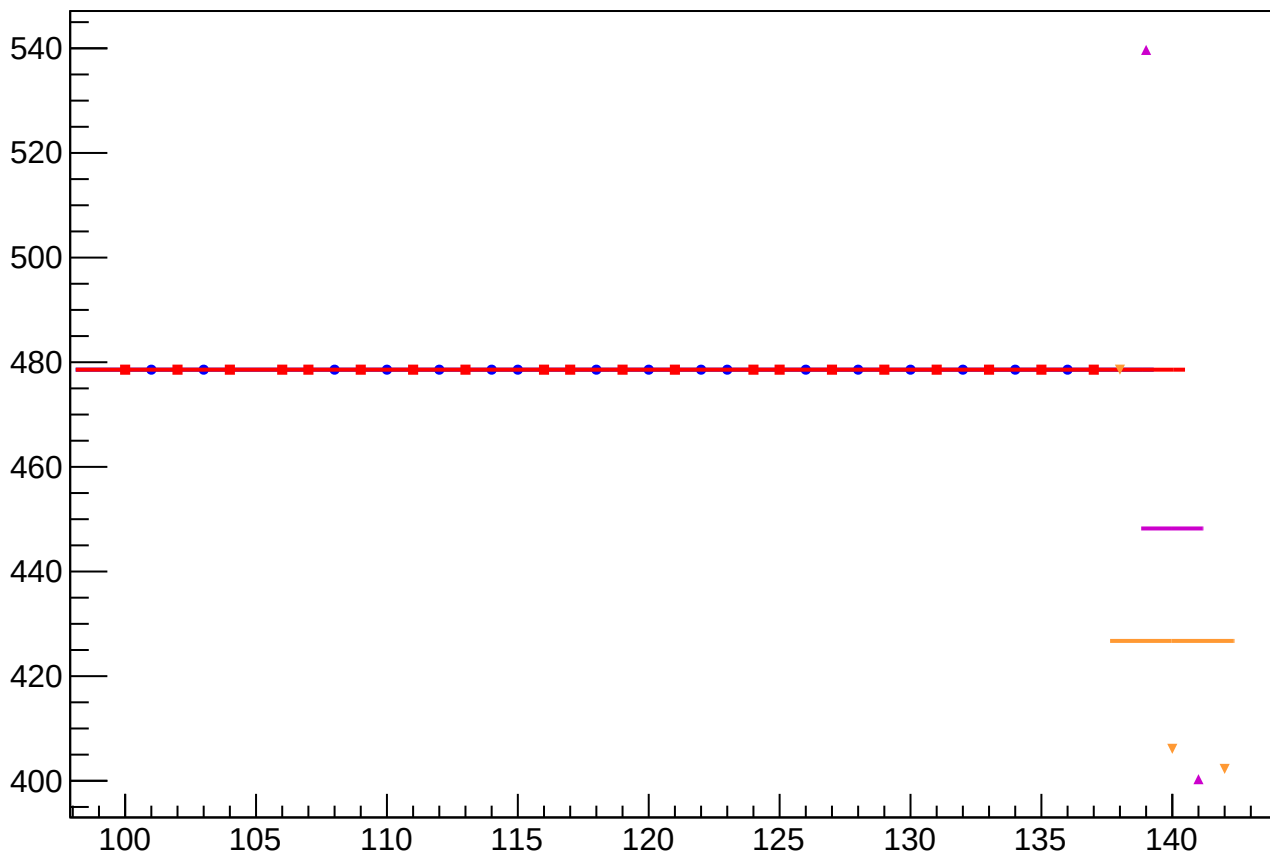
Left In: -304.952+/-354.589 χ^2/NDF : 0.8/1

-183.434+/-124.908 χ^2/NDF : 9.7/19

9.789+/-86.061 χ^2/NDF : 17.2/41

184.408+/-118.743 χ^2/NDF : 2.9/21

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 478.577+/-0.097 χ^2/NDF : 0.0/16

Left Out: 426.736+/-0.217 χ^2/NDF : 24152.7/2

Right Out: 478.577+/-0.089 χ^2/NDF : 0.0/19

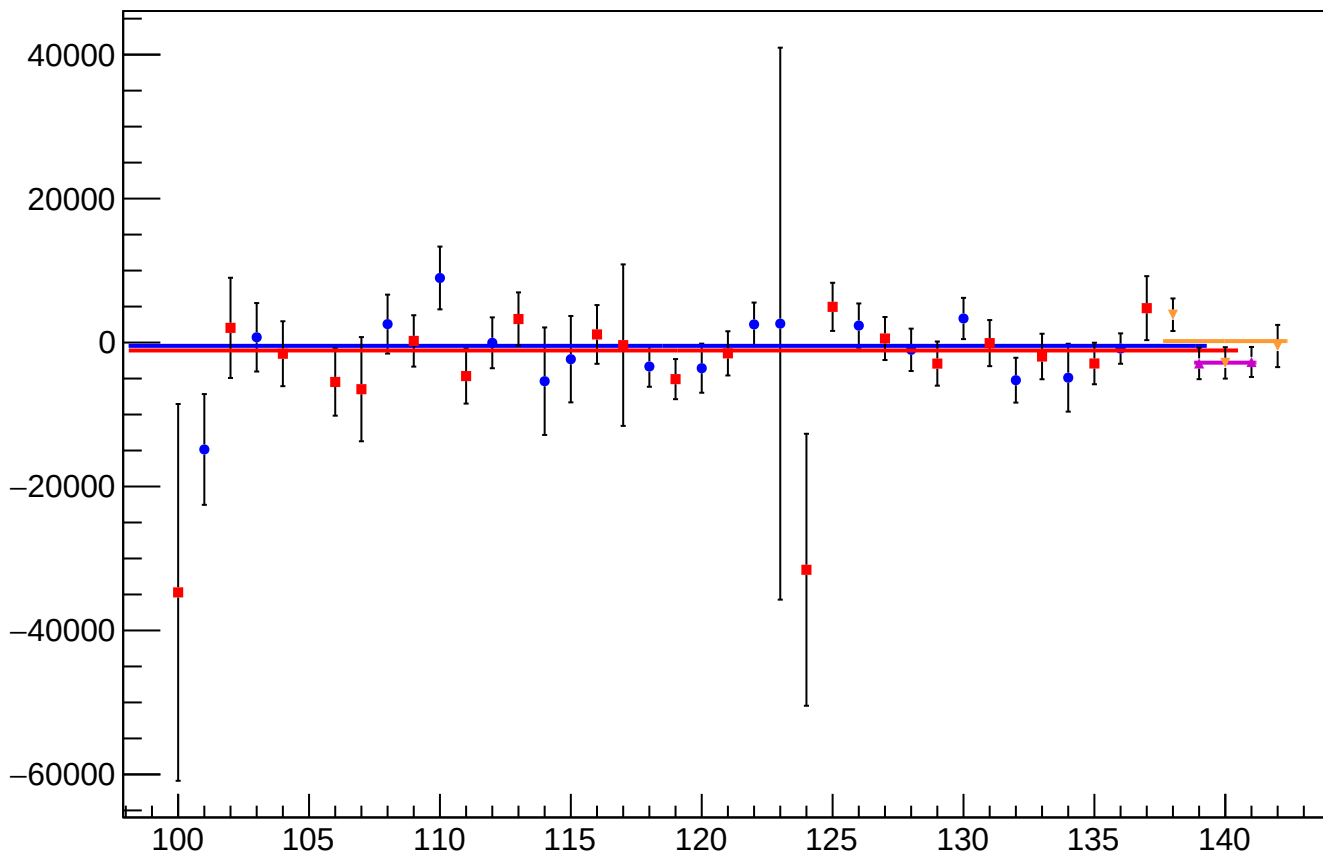
Left In: 448.227+/-0.251 χ^2/NDF : 69716.2/1

470.028+/-0.088 χ^2/NDF : 71598.6/19

472.731+/-0.061 χ^2/NDF : 156106.7/41

475.174+/-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: 200.477 ± 1384.720 χ^2/NDF : 4.6/2

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

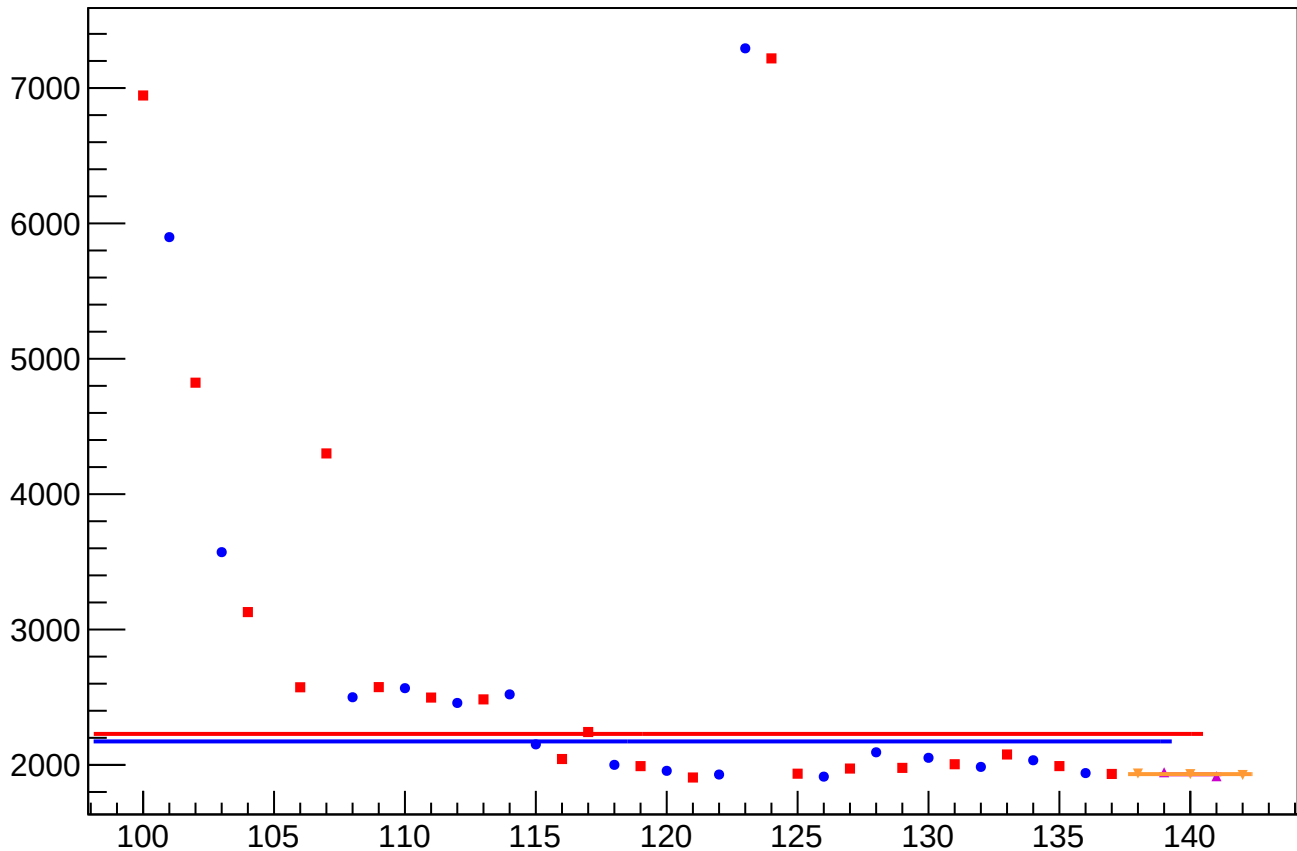
Left In: -2794.247 ± 1508.268 χ^2/NDF : 0.0/1

-273.350 ± 733.718 χ^2/NDF : 22.8/19

-882.410 ± 524.508 χ^2/NDF : 42.1/41

-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: 1931.988+/-0.979 χ^2/NDF : 17.0/2

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

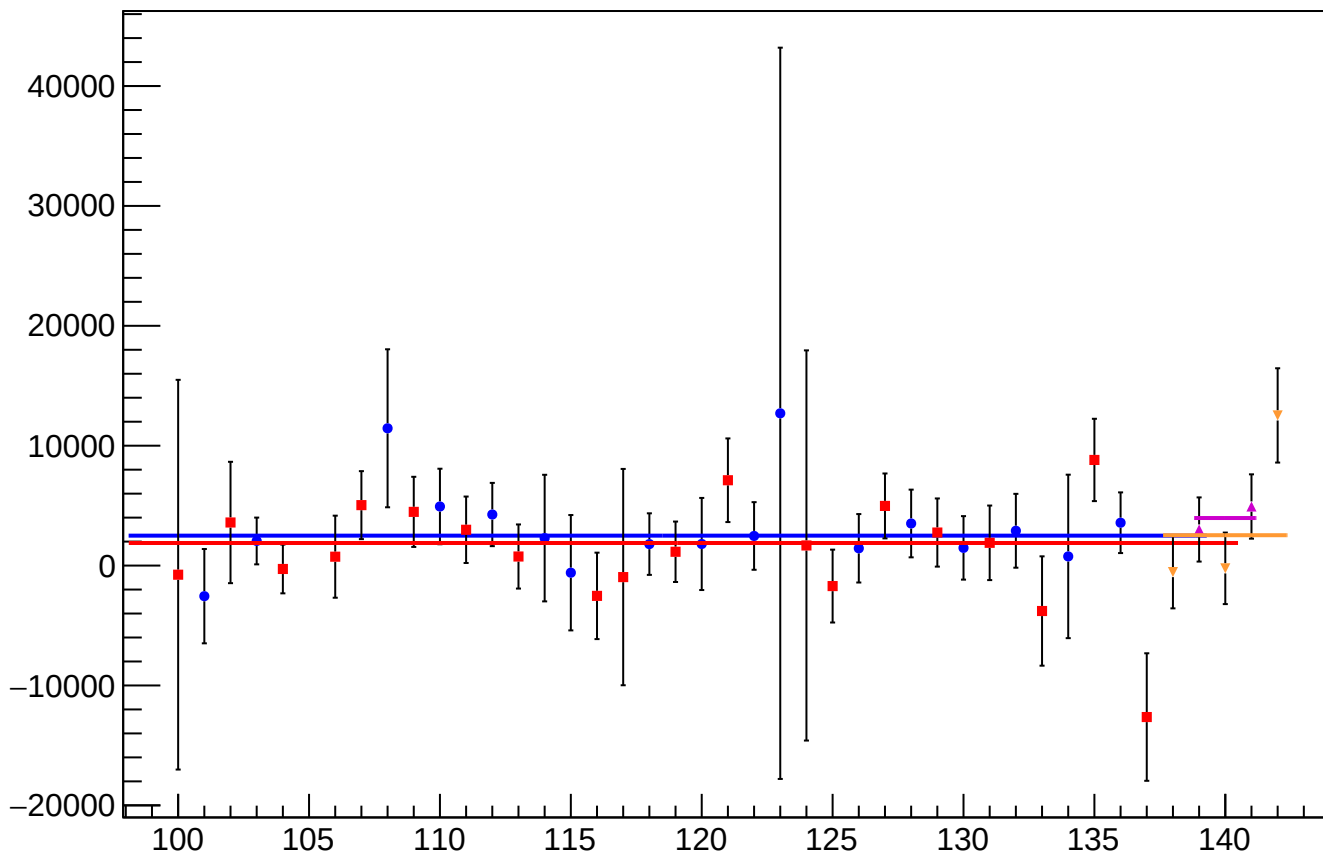
Left In: 1930.393+/-1.067 χ^2/NDF : 187.9/1

2105.714+/-0.519 χ^2/NDF : 849145.9/19

2129.877+/-0.371 χ^2/NDF : 1808631.1/41

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: 2533.042+/-1869.499 χ^2/NDF : 8.3/2

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

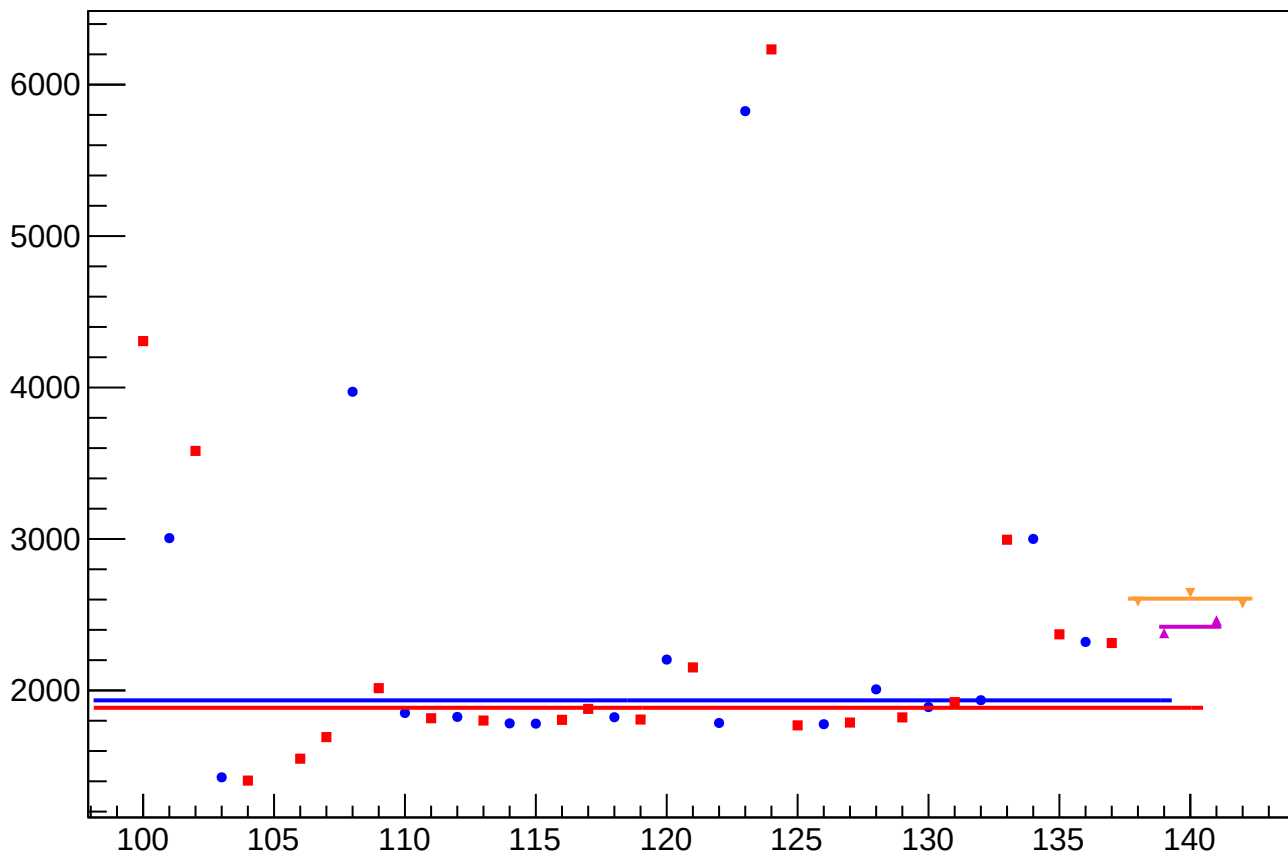
Left In: 3966.606+/-1894.624 χ^2/NDF : 0.3/1

2501.874+/-710.626 χ^2/NDF : 14.2/19

2322.519+/-493.072 χ^2/NDF : 39.2/41

2156.005+/-684.715 χ^2/NDF : 24.9/21

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2606.074 $\pm$ 1.322 χ^2 /NDF: 538.6/2

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

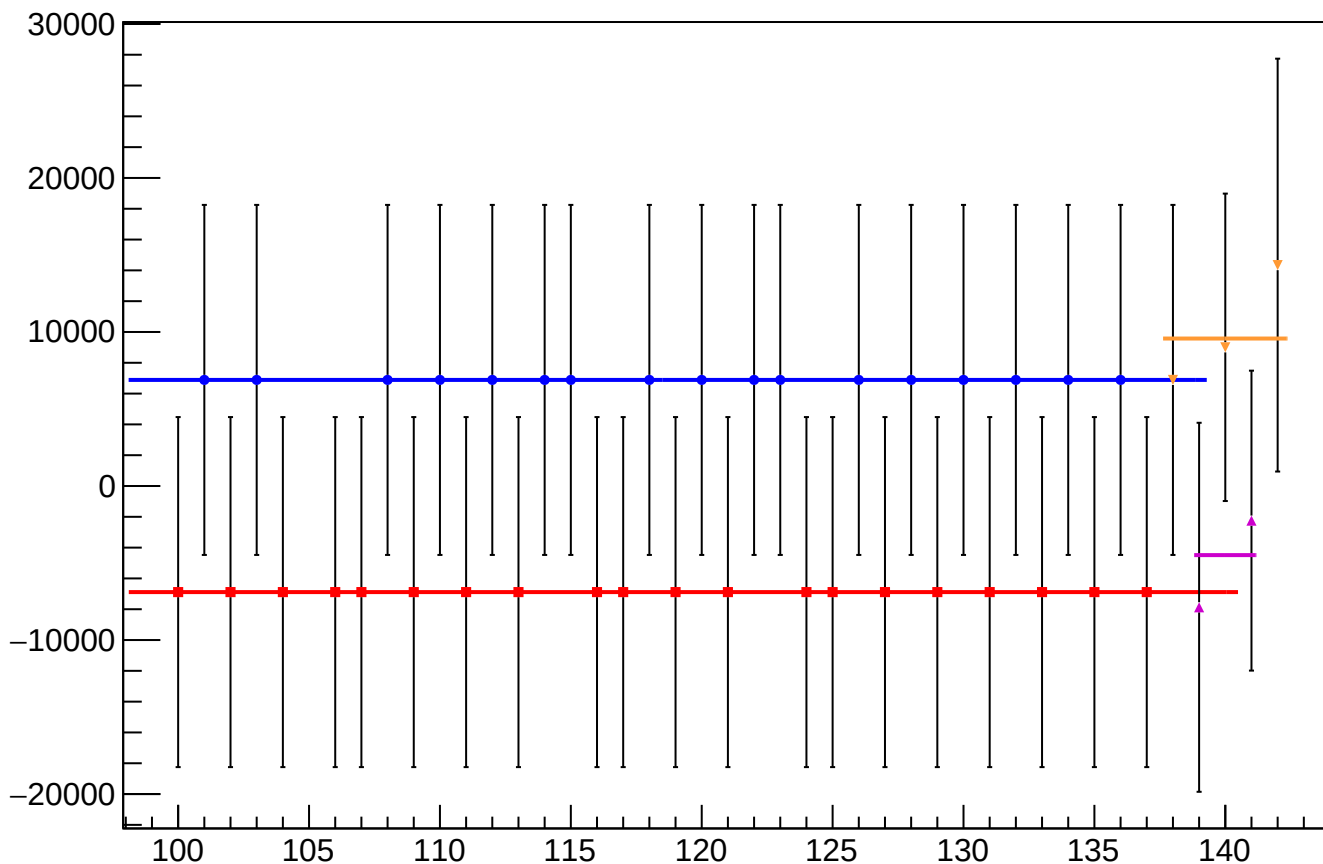
Left In: 2420.496 $\pm$ 1.340 χ^2 /NDF: 1001.9/1

2031.452 $\pm$ 0.502 χ^2 /NDF: 860319.2/19

1991.983 $\pm$ 0.349 χ^2 /NDF: 1763961.2/41

1955.352 $\pm$ 0.484 χ^2 /NDF: 891746.3/21

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 6887.405+/-2755.932 χ^2/NDF : 0.0/16

Left Out: 9574.472+/-6543.710 χ^2/NDF : 0.2/2

Right Out: -6887.405+/-2540.843 χ^2/NDF : 0.0/19

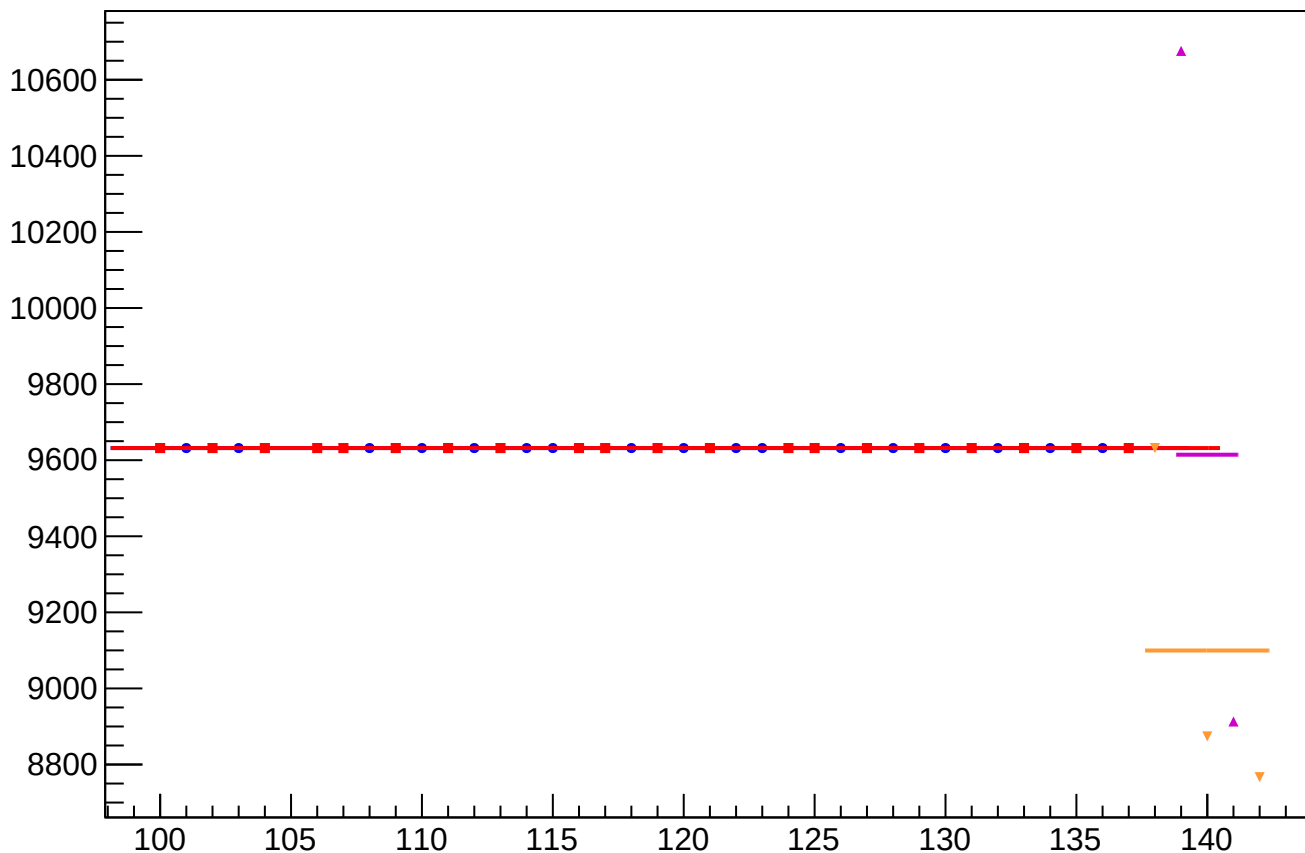
Left In: -4486.442+/-7555.350 χ^2/NDF : 0.1/1

7292.217+/-2539.869 χ^2/NDF : 0.3/19

-45.883+/-1747.590 χ^2/NDF : 16.4/41

-6643.456+/-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: 9099.709+/-4.627 χ^2/NDF : 6645.7/2

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

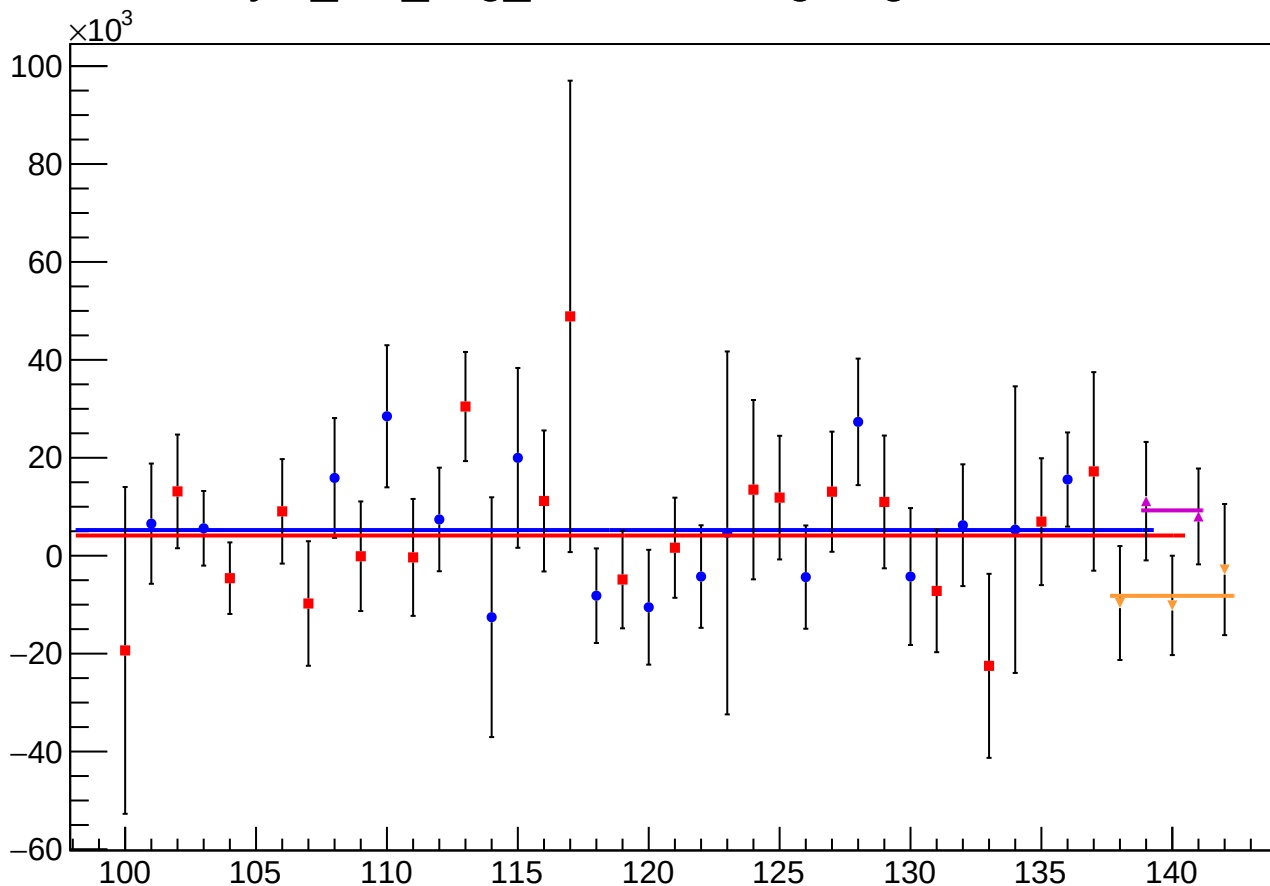
Left In: 9614.395+/-5.342 χ^2/NDF : 26080.8/1

9551.705+/-1.796 χ^2/NDF : 17880.6/19

9592.986+/-1.236 χ^2/NDF : 44974.3/41

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: -8193.823 $\pm$ 6640.480 χ^2 /NDF: 0.2/2

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

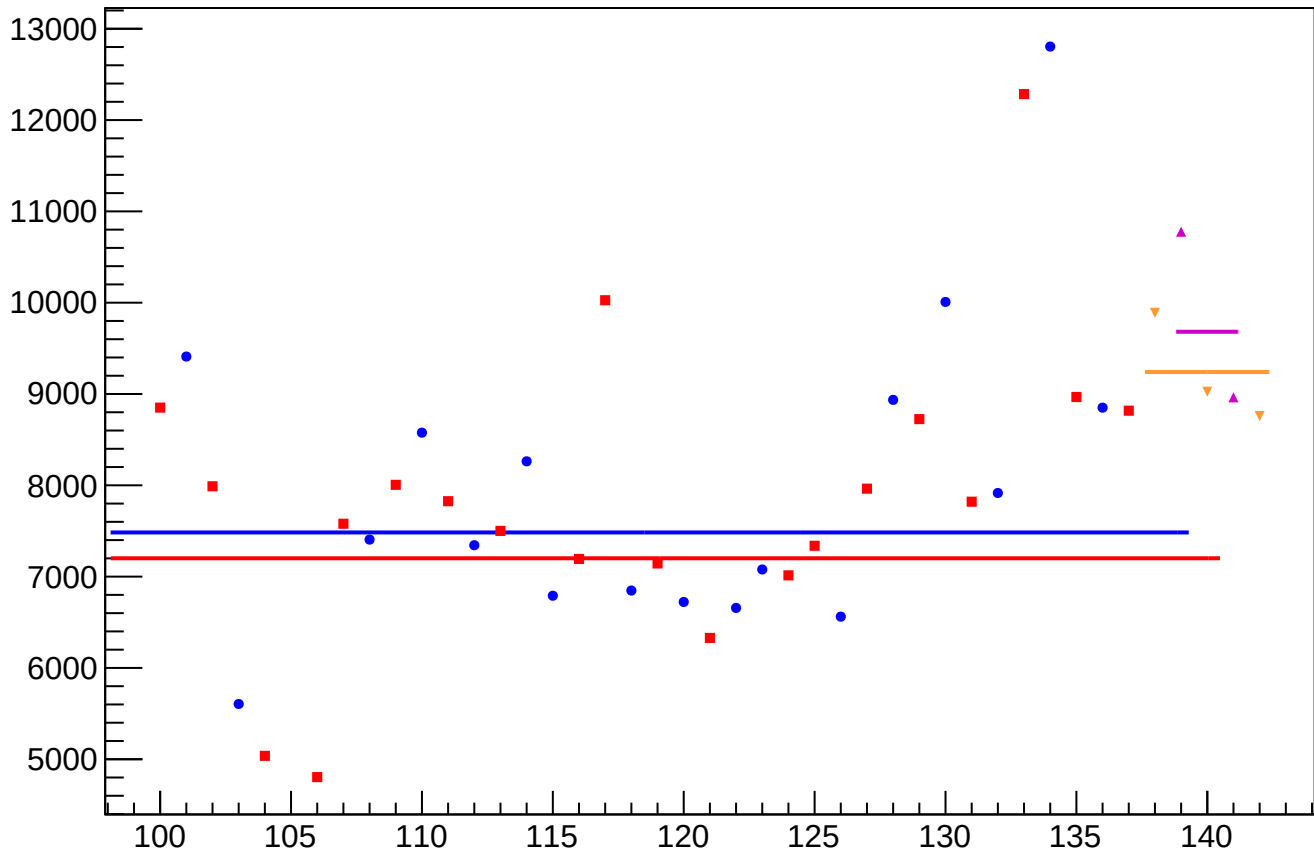
Left In: 9255.467 $\pm$ 7609.885 χ^2 /NDF: 0.0/1

3029.372 $\pm$ 2693.015 χ^2 /NDF: 18.1/19

3905.653 $\pm$ 1876.419 χ^2 /NDF: 35.2/41

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: 9240.798 $\pm$ 4.696 χ^2/NDF : 9697.6/2

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

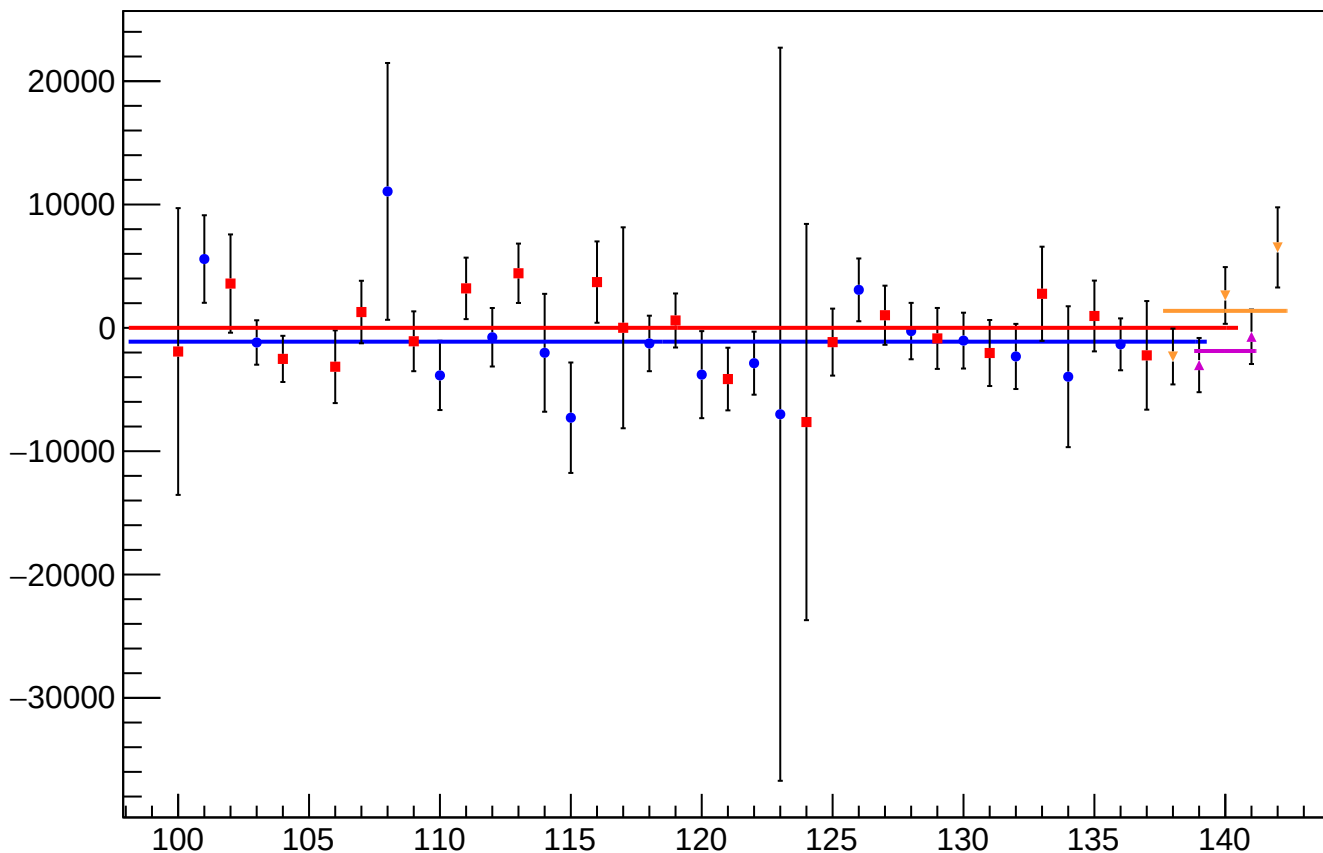
Left In: 9681.755 $\pm$ 5.381 χ^2/NDF : 27166.9/1

7772.743 $\pm$ 1.904 χ^2/NDF : 558493.7/19

7629.334 $\pm$ 1.327 χ^2/NDF : 1349790.0/41

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: 1378.011+/-1445.112 χ^2/NDF : 5.5/2

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

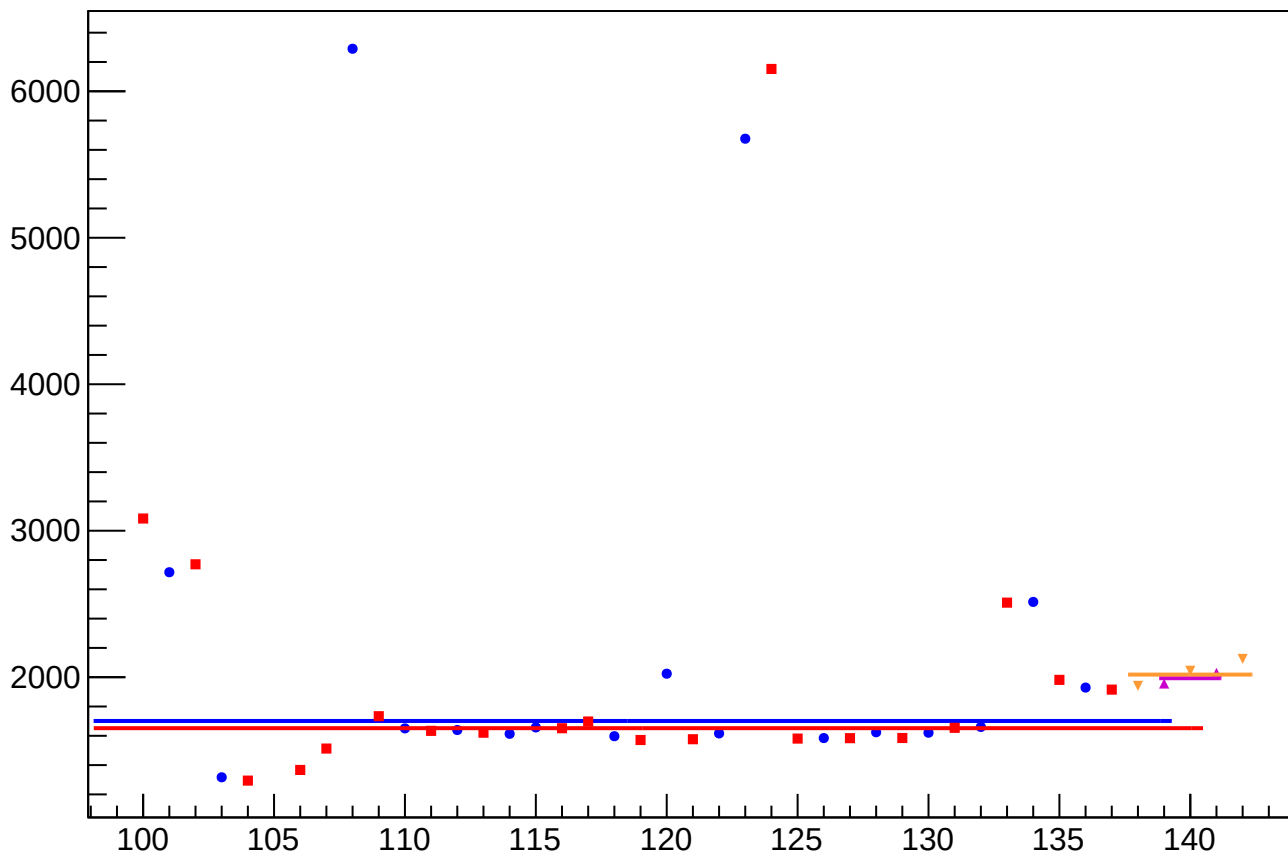
Left In: -1875.703+/-1558.099 χ^2/NDF : 0.5/1

-668.481+/-614.664 χ^2/NDF : 20.2/19

-459.569+/-425.718 χ^2/NDF : 37.7/41

-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: 2017.886+/-1.022 χ^2/NDF : 4750.1/2

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

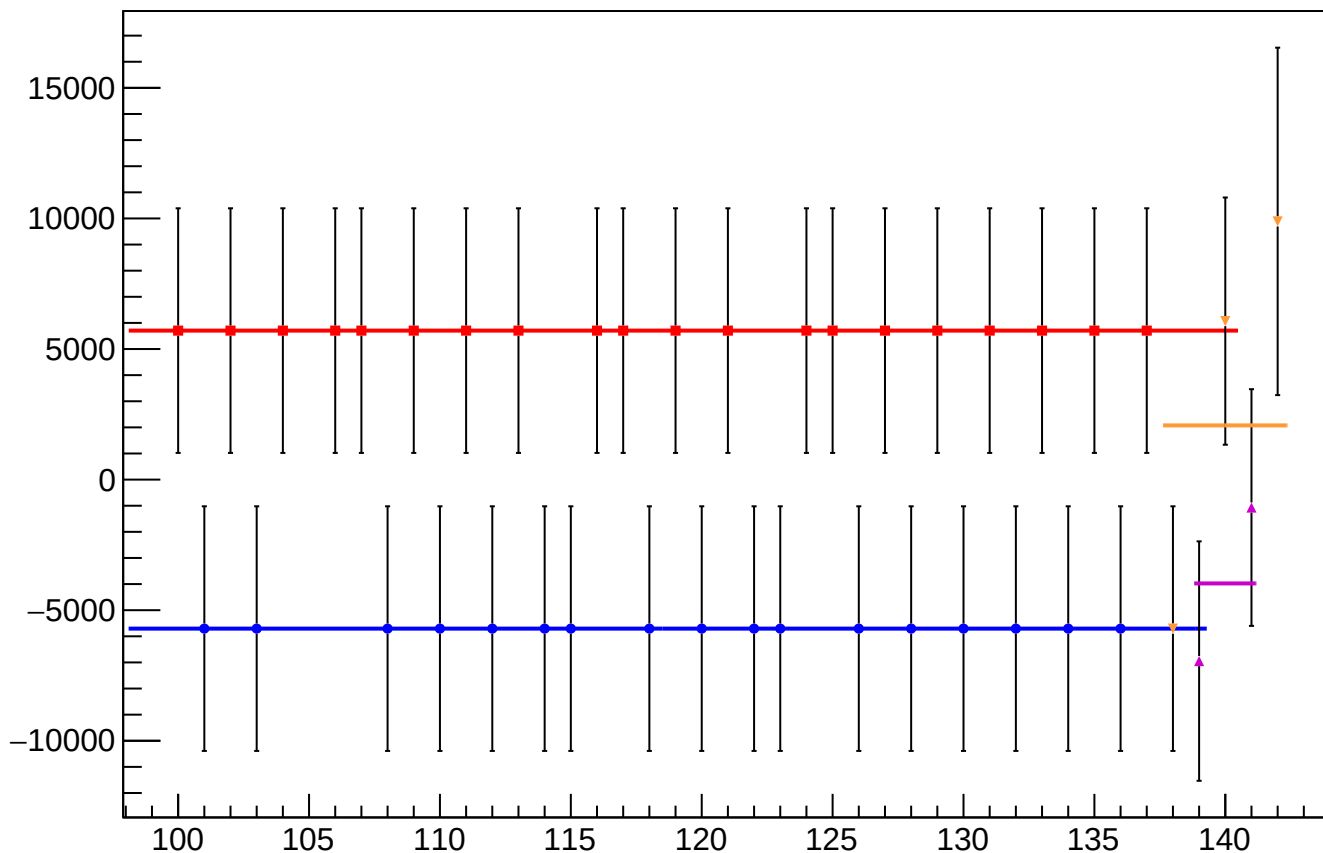
Left In: 1993.128+/-1.102 χ^2/NDF : 1089.2/1

1758.561+/-0.435 χ^2/NDF : 862098.8/19

1728.590+/-0.301 χ^2/NDF : 1543337.5/41

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: 2076.202 $\pm$ 2977.155 χ^2 /NDF:4.9/2

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

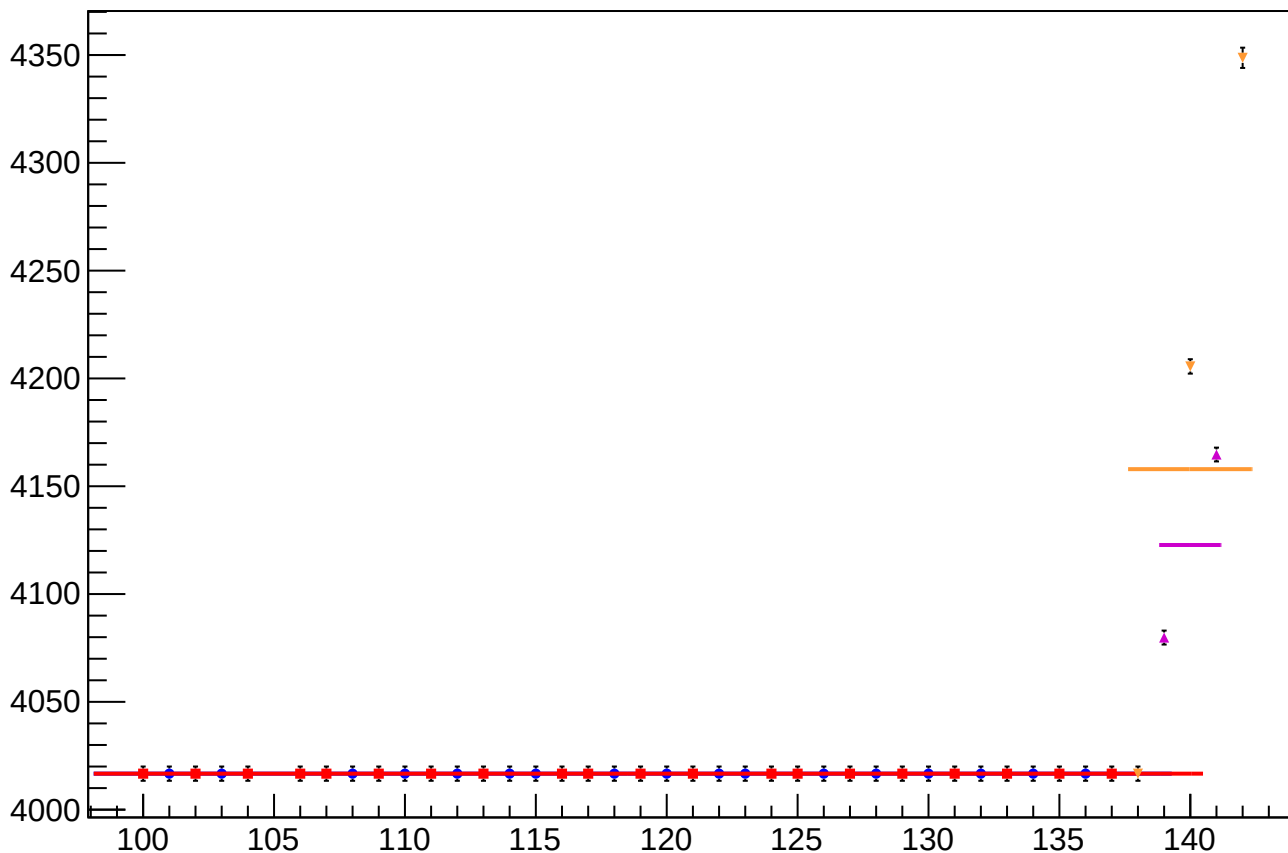
Left In: -3975.202 $\pm$ 3222.683 χ^2 /NDF:0.8/1

-4716.573 $\pm$ 1061.302 χ^2 /NDF: 10.8/19

333.244 $\pm$ 726.269 χ^2 /NDF: 62.4/41

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: 4157.931 $\pm$ 2.105 χ^2 /NDF:3666.5/2

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

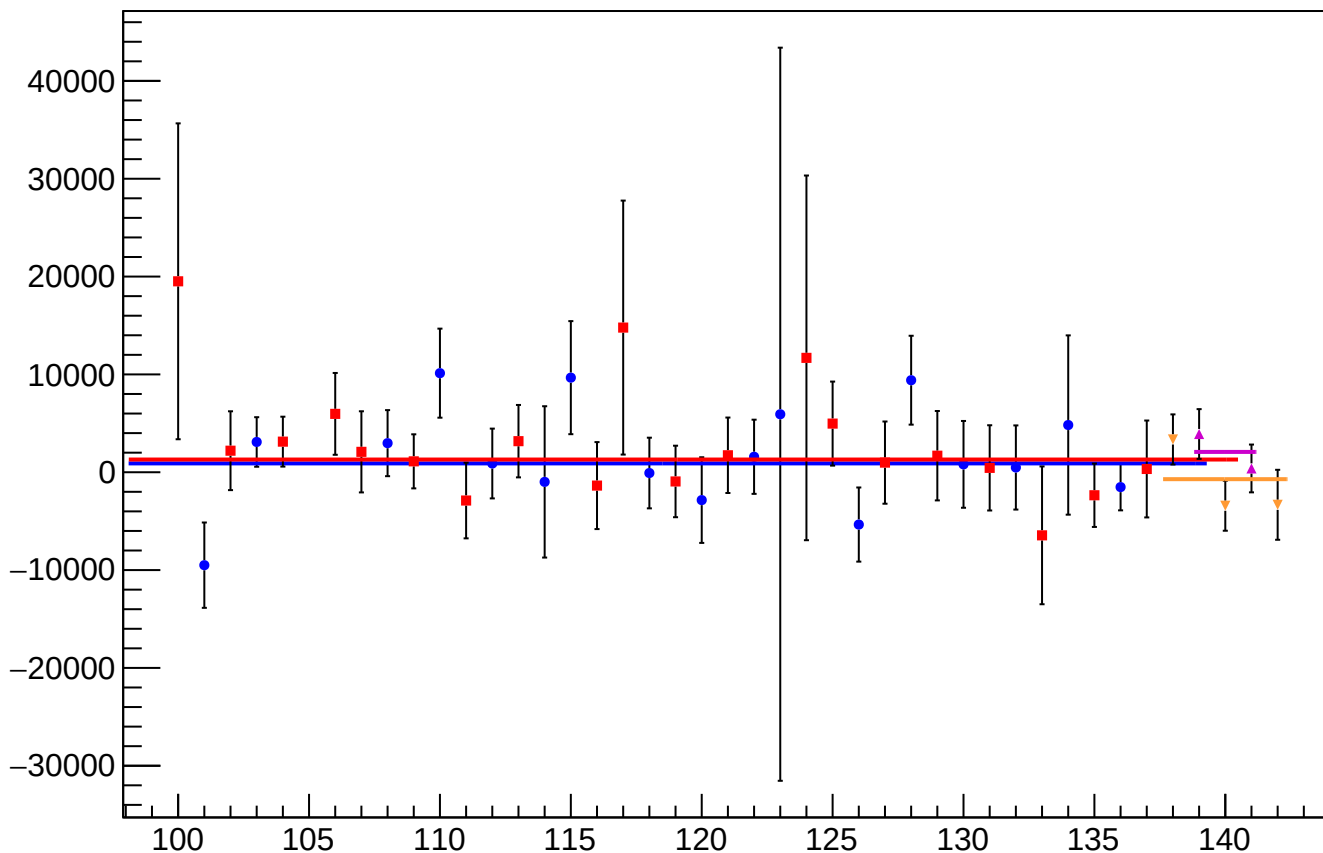
Left In: 4122.752 $\pm$ 2.279 χ^2 /NDF:346.9/1

4034.646 $\pm$ 0.750 χ^2 /NDF: 7595.3/19

4030.489 $\pm$ 0.514 χ^2 /NDF: 9959.0/41

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: -707.917+/-1614.137 χ^2/NDF : 4.2/2

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

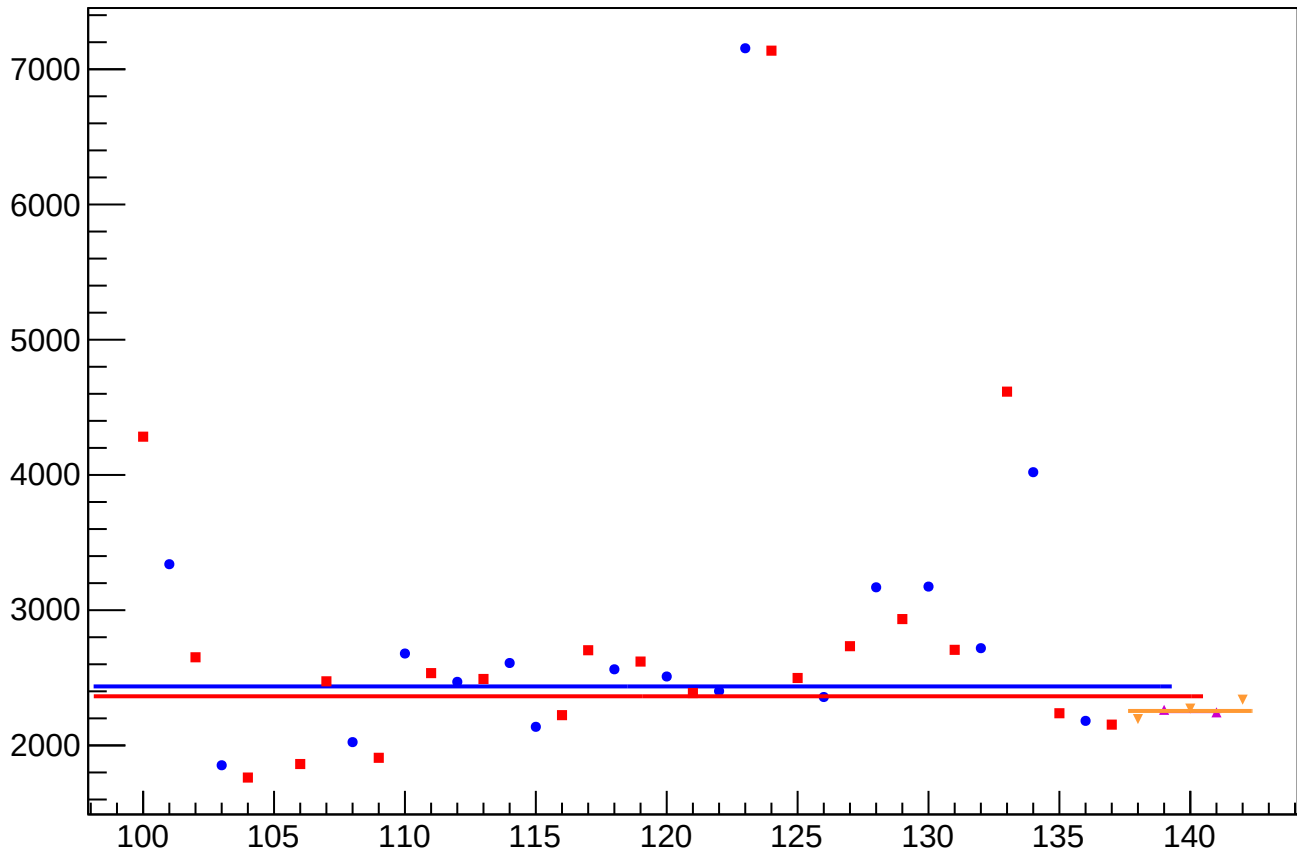
Left In: 2077.237+/-1761.552 χ^2/NDF : 1.0/1

481.034+/-826.316 χ^2/NDF : 26.5/19

979.368+/-581.099 χ^2/NDF : 38.4/41

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: 2254.874 $\pm$ 1.141 χ^2 /NDF:2280.4/2

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

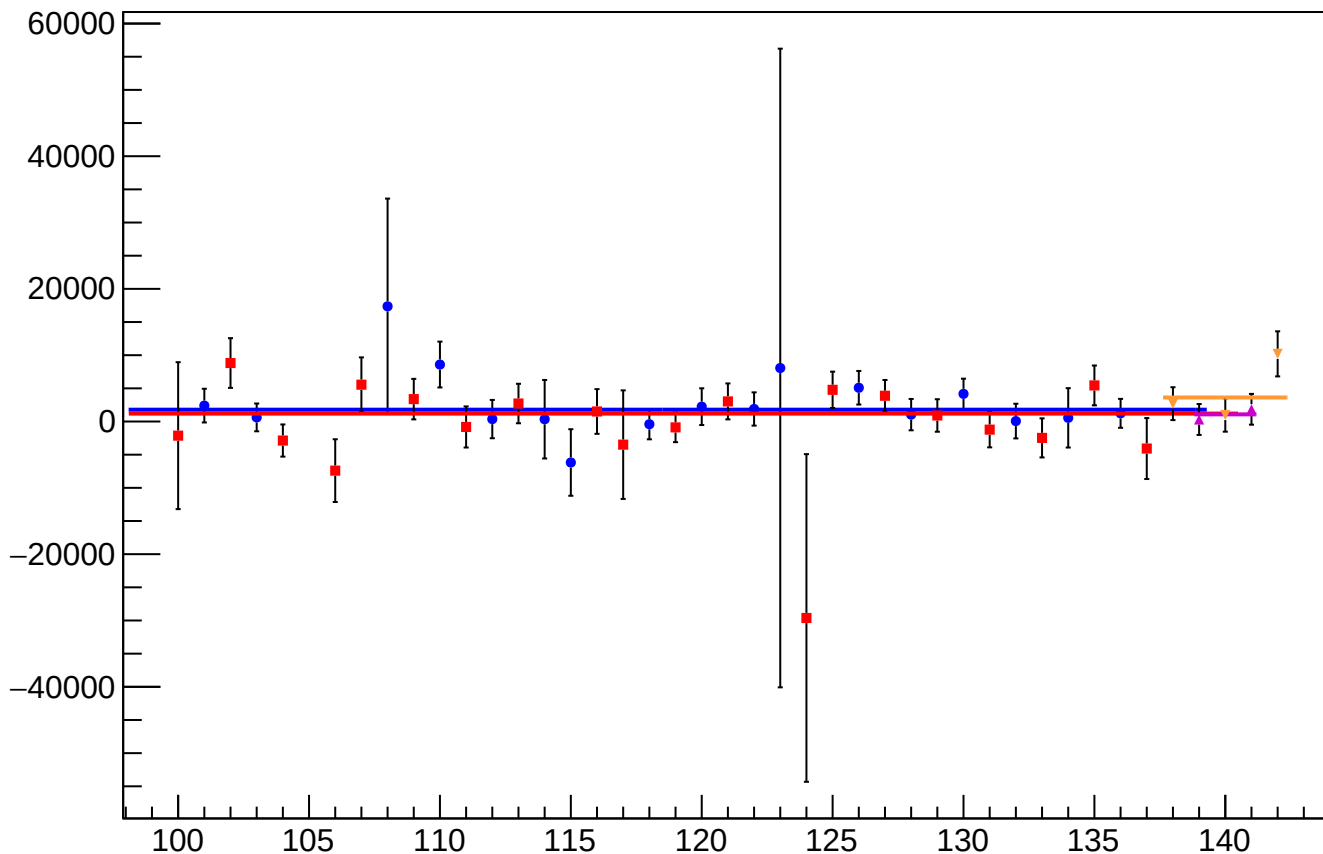
Left In: 2253.515 $\pm$ 1.246 χ^2 /NDF:56.2/1

2388.722 $\pm$ 0.584 χ^2 /NDF: 489468.8/19

2363.921 $\pm$ 0.411 χ^2 /NDF: 1156413.6/41

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: 3621.460+/-1566.019 χ^2/NDF : 5.0/2

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

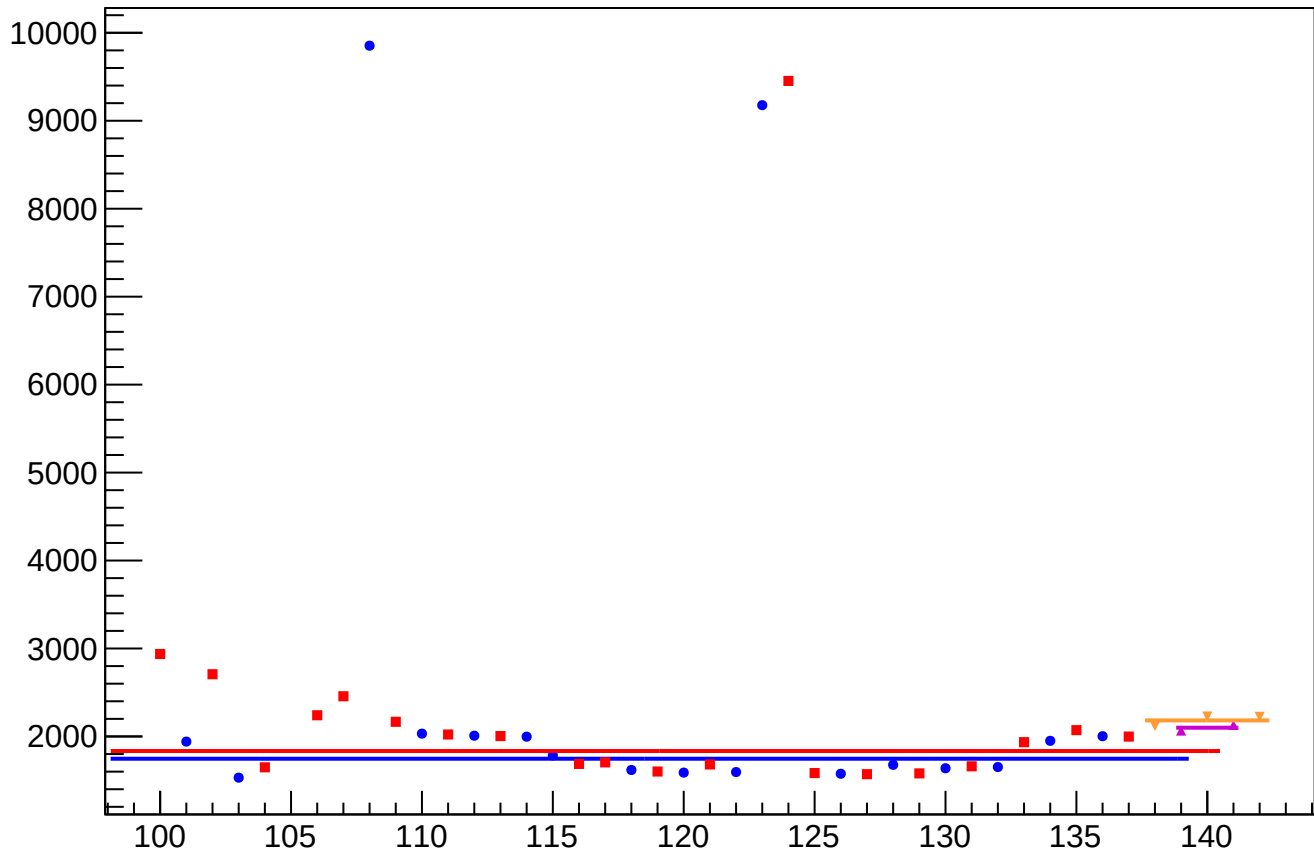
Left In: 1078.064+/-1644.122 χ^2/NDF : 0.2/1

2085.505+/-634.795 χ^2/NDF : 18.6/19

1640.439+/-453.580 χ^2/NDF : 44.3/41

1176.178+/-648.339 χ^2/NDF : 24.8/21

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 2182.422+/-1.107 χ^2/NDF : 2259.4/2

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

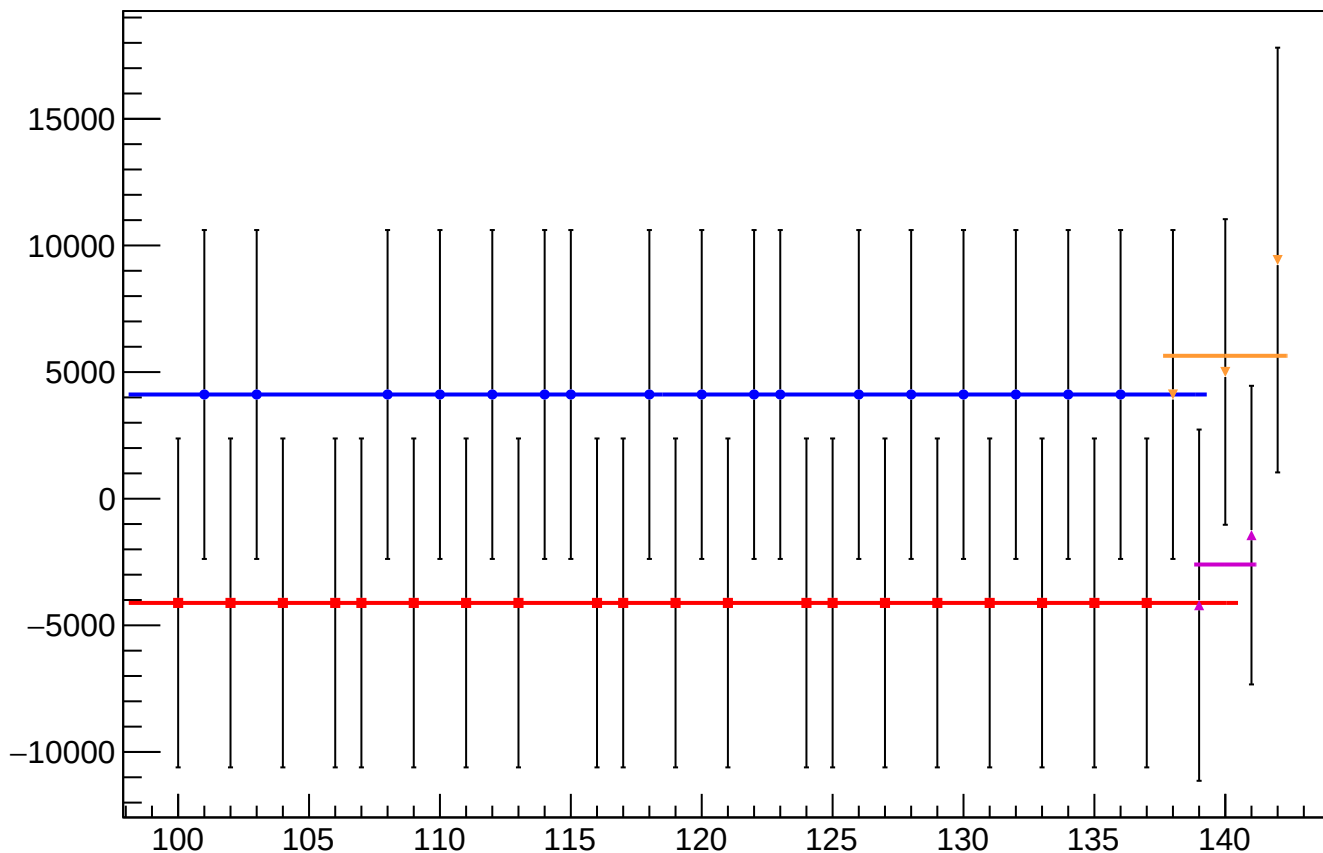
Left In: 2099.357+/-1.163 χ^2/NDF : 768.4/1

1818.409+/-0.449 χ^2/NDF : 814052.3/19

1846.410+/-0.321 χ^2/NDF : 1417531.4/41

1875.560+/-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: 5642.998 $\pm$ 3910.215 χ^2 /NDF: 0.3/2

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

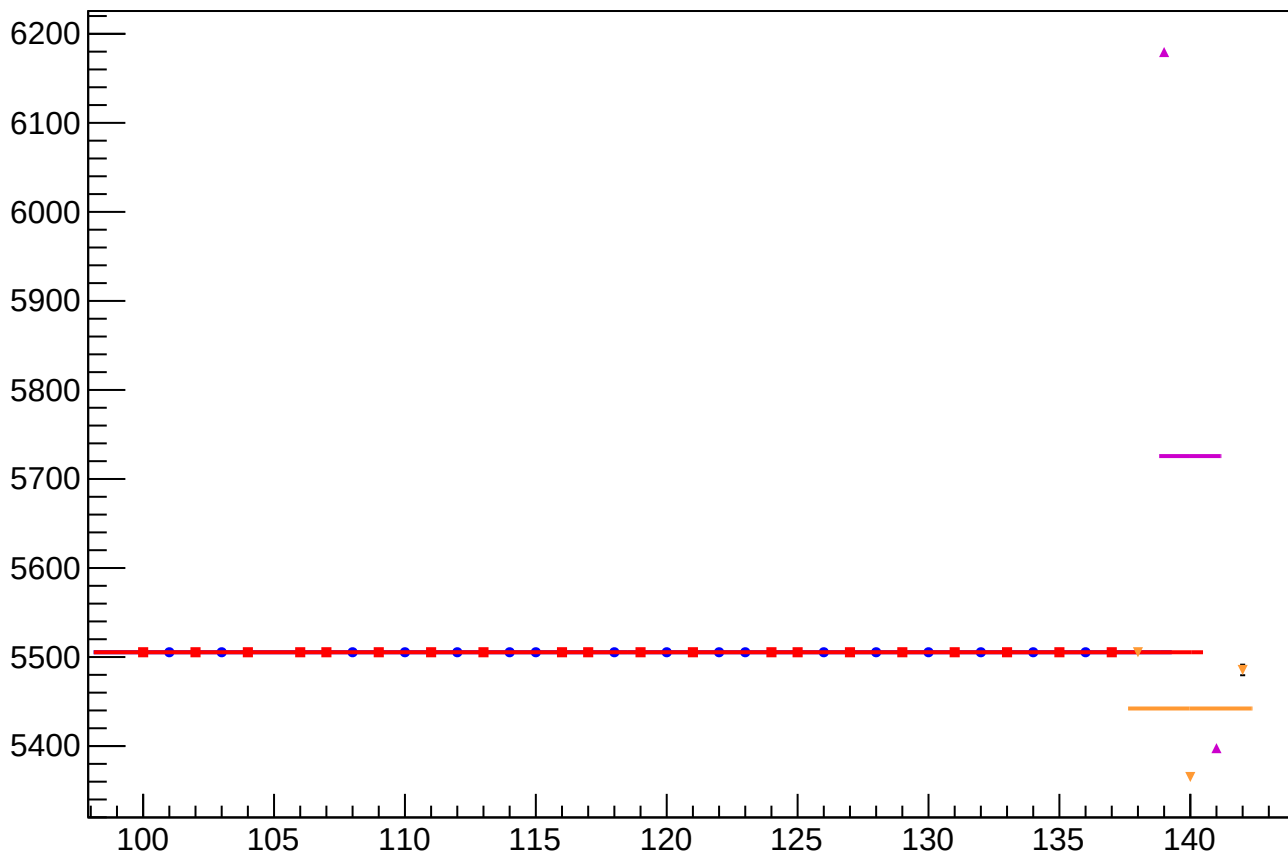
Left In: -2598.340 $\pm$ 4491.850 χ^2 /NDF: 0.1/1

4328.362 $\pm$ 1460.946 χ^2 /NDF: 0.4/19

-52.856 $\pm$ 1003.849 χ^2 /NDF: 17.6/41

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

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 5505.372 $\pm$ 1.114 χ^2 /NDF: 0.0/16

Left Out: 5442.197 $\pm$ 2.765 χ^2 /NDF:567.8/2

Right Out: 5505.372 $\pm$ 1.027 χ^2 /NDF: 0.0/19

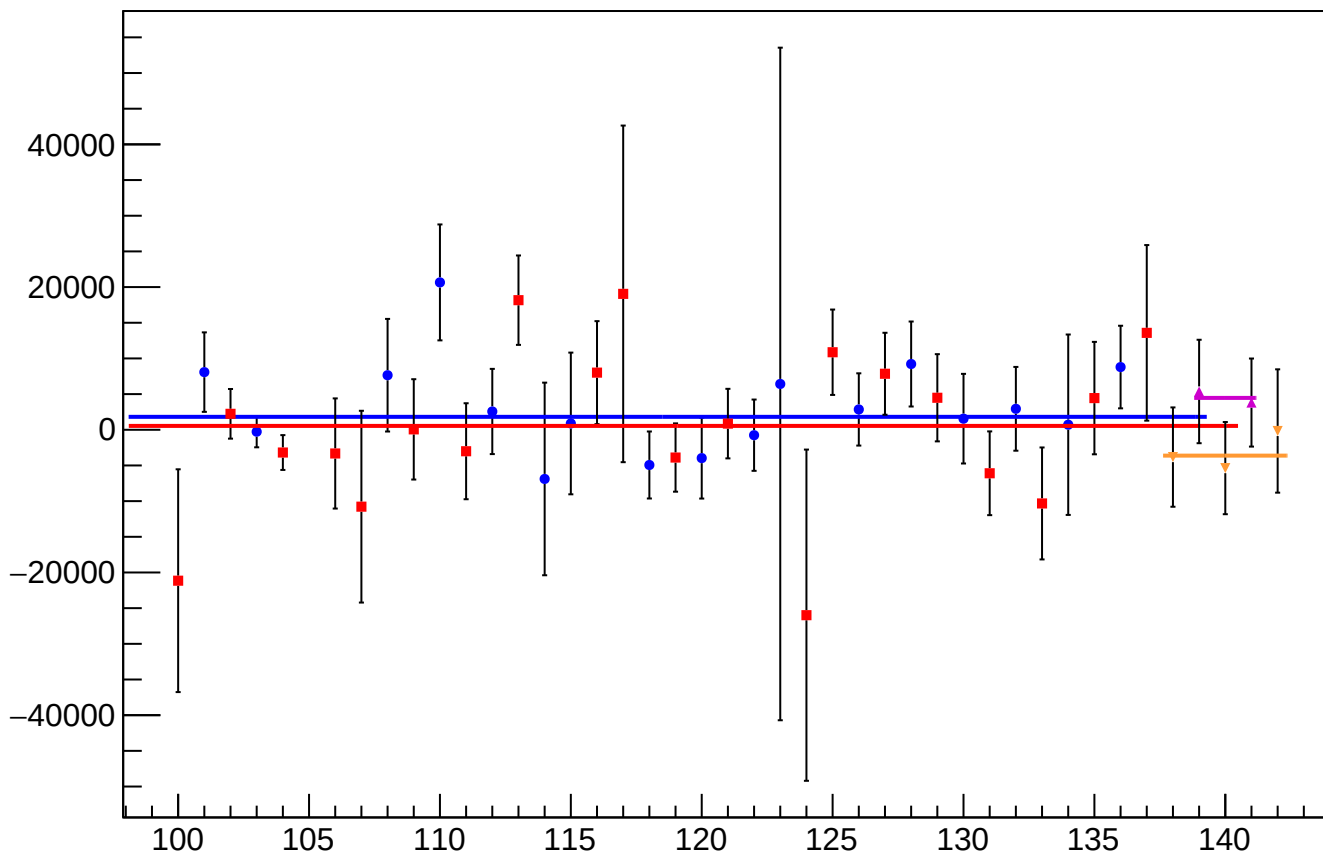
Left In: 5725.723 $\pm$ 3.176 χ^2 /NDF:14757.8/1

5496.553 $\pm$ 1.033 χ^2 /NDF: 1017.0/19

5512.213 $\pm$ 0.710 χ^2 /NDF: 20567.7/41

5526.220 $\pm$ 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: -3621.439+/-4152.581 χ^2/NDF : 0.2/2

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

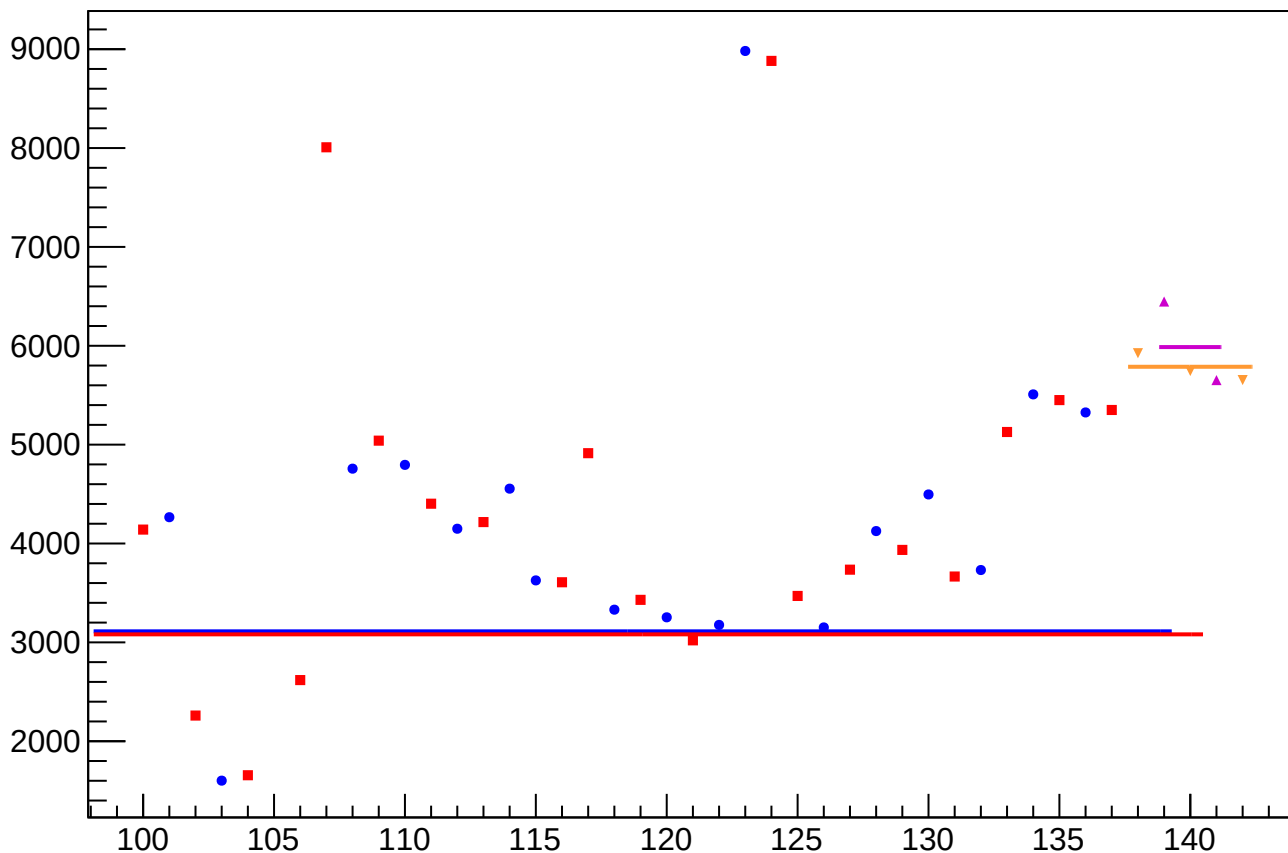
Left In: 4467.369+/-4699.167 χ^2/NDF : 0.0/1

1328.196+/-1241.767 χ^2/NDF : 16.8/19

1071.496+/-876.991 χ^2/NDF : 44.7/41

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: 5787.657+/-2.936 χ^2/NDF :1348.7/2

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

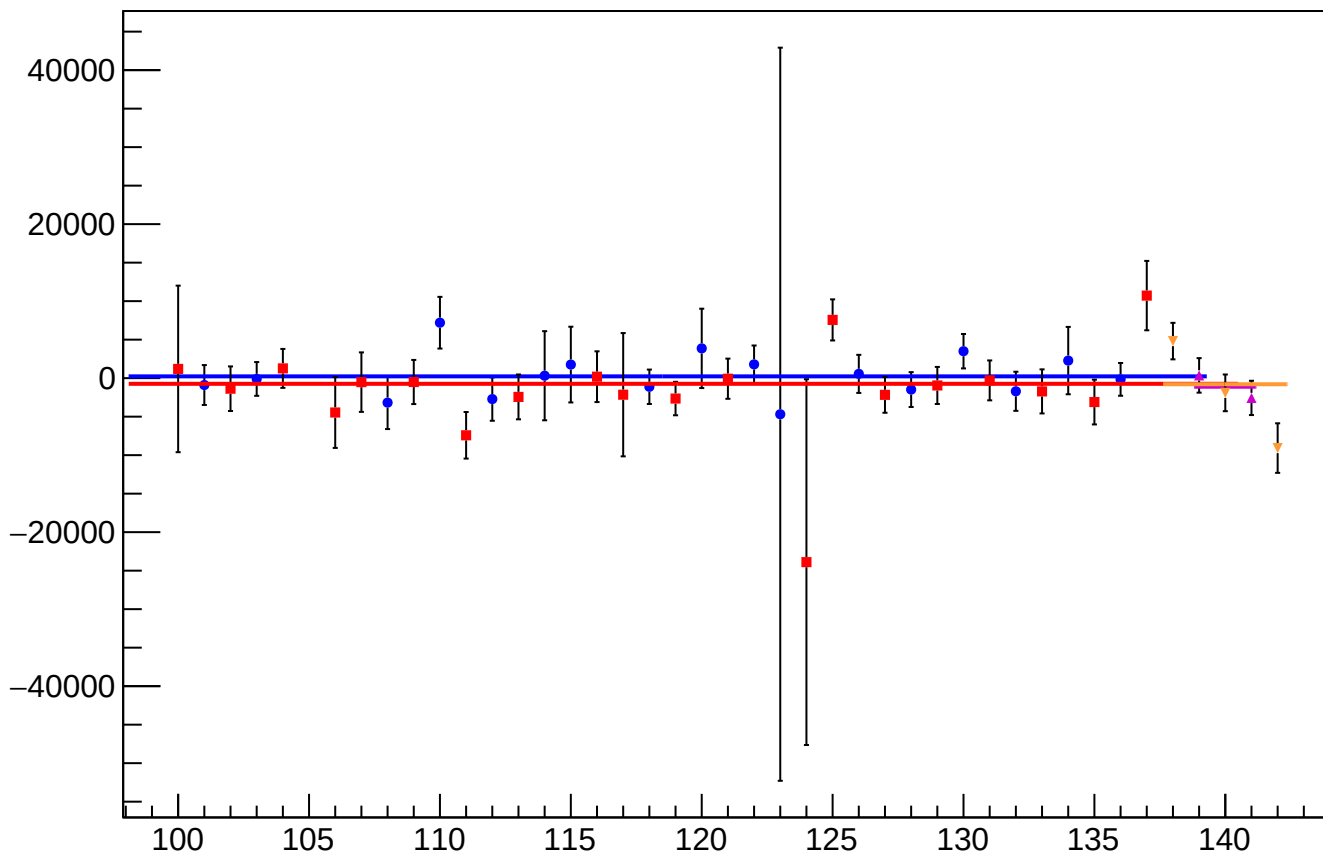
Left In: 5986.911+/-3.323 χ^2/NDF :13935.5/1

3350.859+/-0.878 χ^2/NDF : 2636677.0/19

3313.655+/-0.616 χ^2/NDF : 5388846.8/41

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: -791.752+/-1490.018 χ^2/NDF : 12.4/2

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

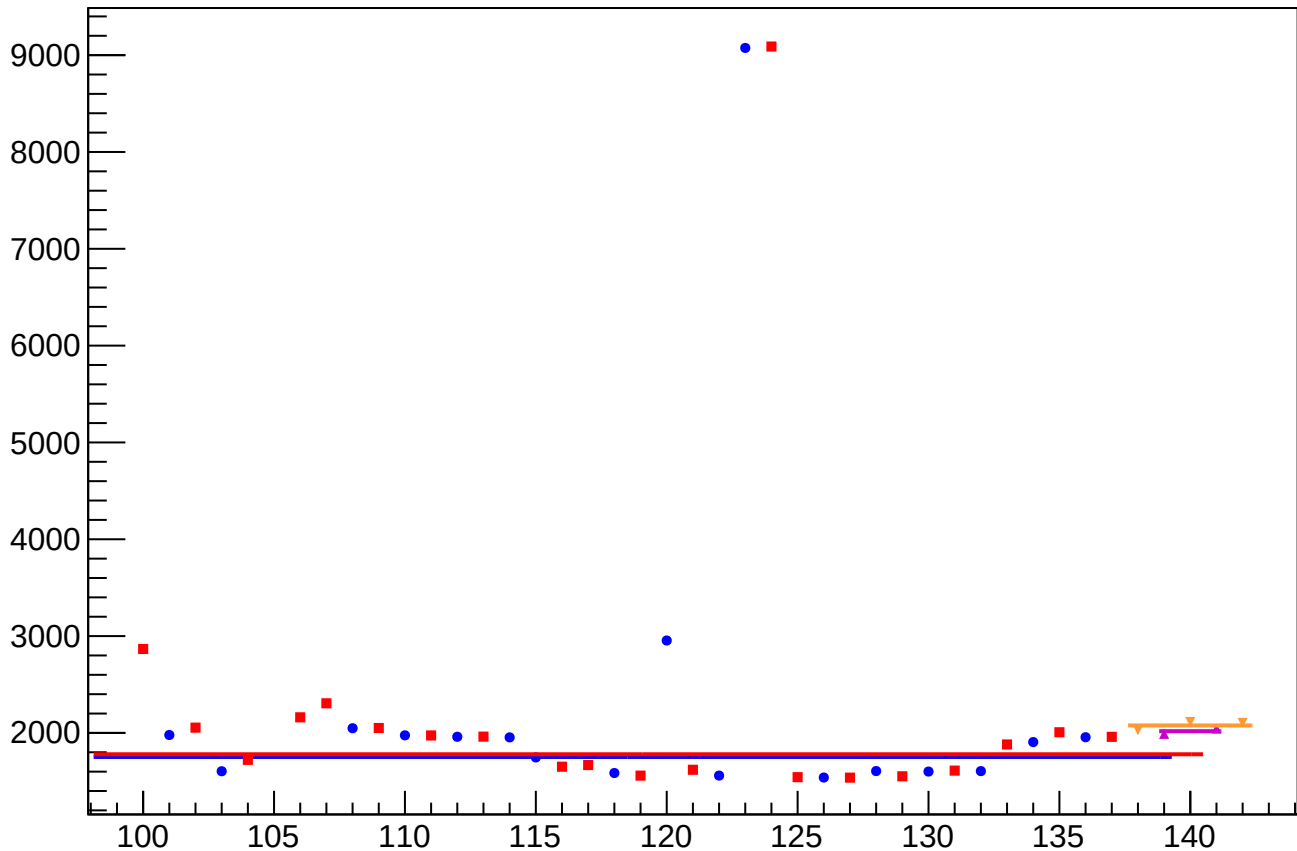
Left In: -1114.353+/-1579.241 χ^2/NDF : 0.9/1

52.880+/-623.719 χ^2/NDF : 24.4/19

-370.021+/-441.795 χ^2/NDF : 52.0/41

-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: 2076.974+/-1.054 χ^2/NDF : 1472.8/2

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

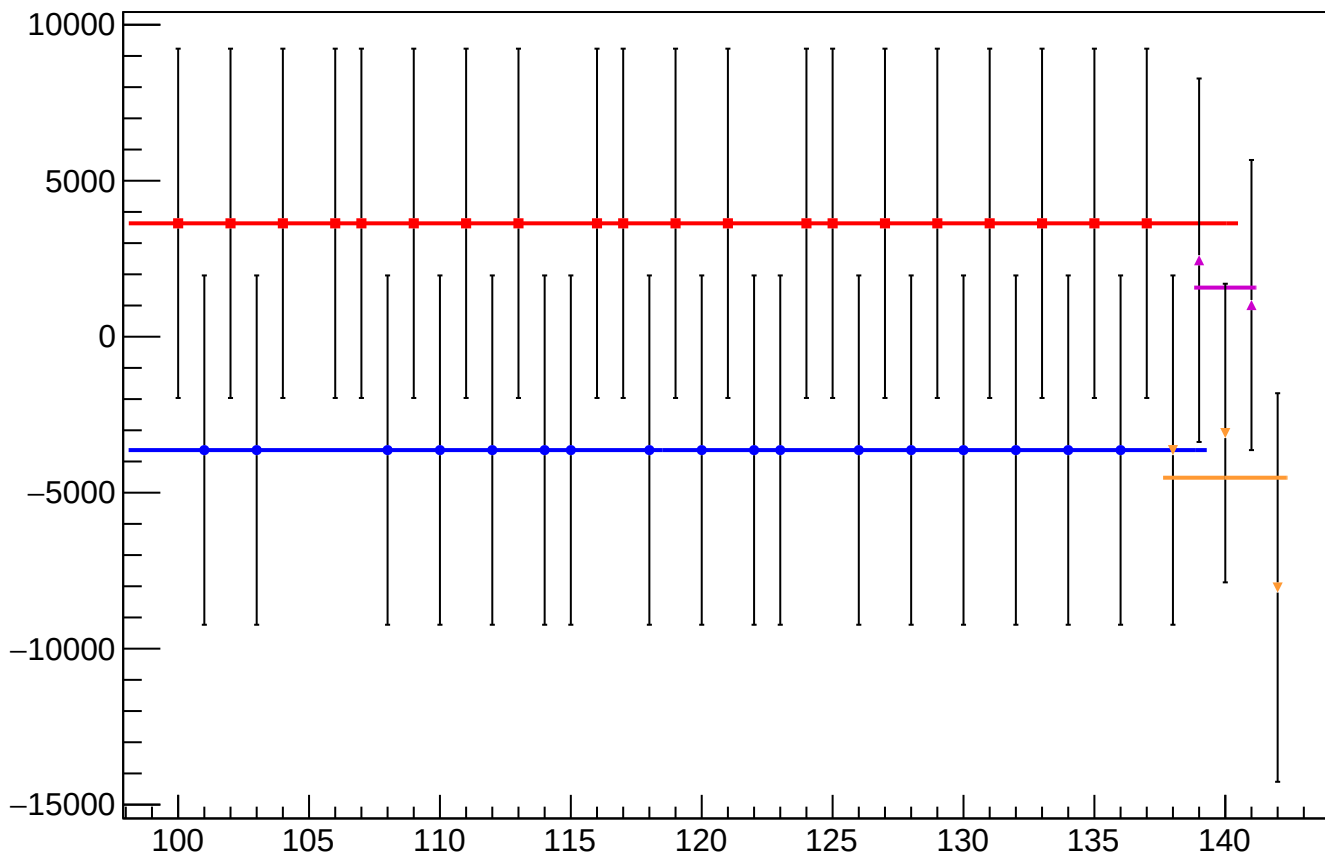
Left In: 2017.871+/-1.117 χ^2/NDF : 605.9/1

1808.820+/-0.441 χ^2/NDF : 380909.1/19

1812.779+/-0.312 χ^2/NDF : 848853.6/41

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 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -4520.087 ± 3141.485 $\chi^2/\text{NDF}: 0.4/2$

Right Out: 3634.610 ± 1251.954 $\chi^2/\text{NDF}: 0.0/19$

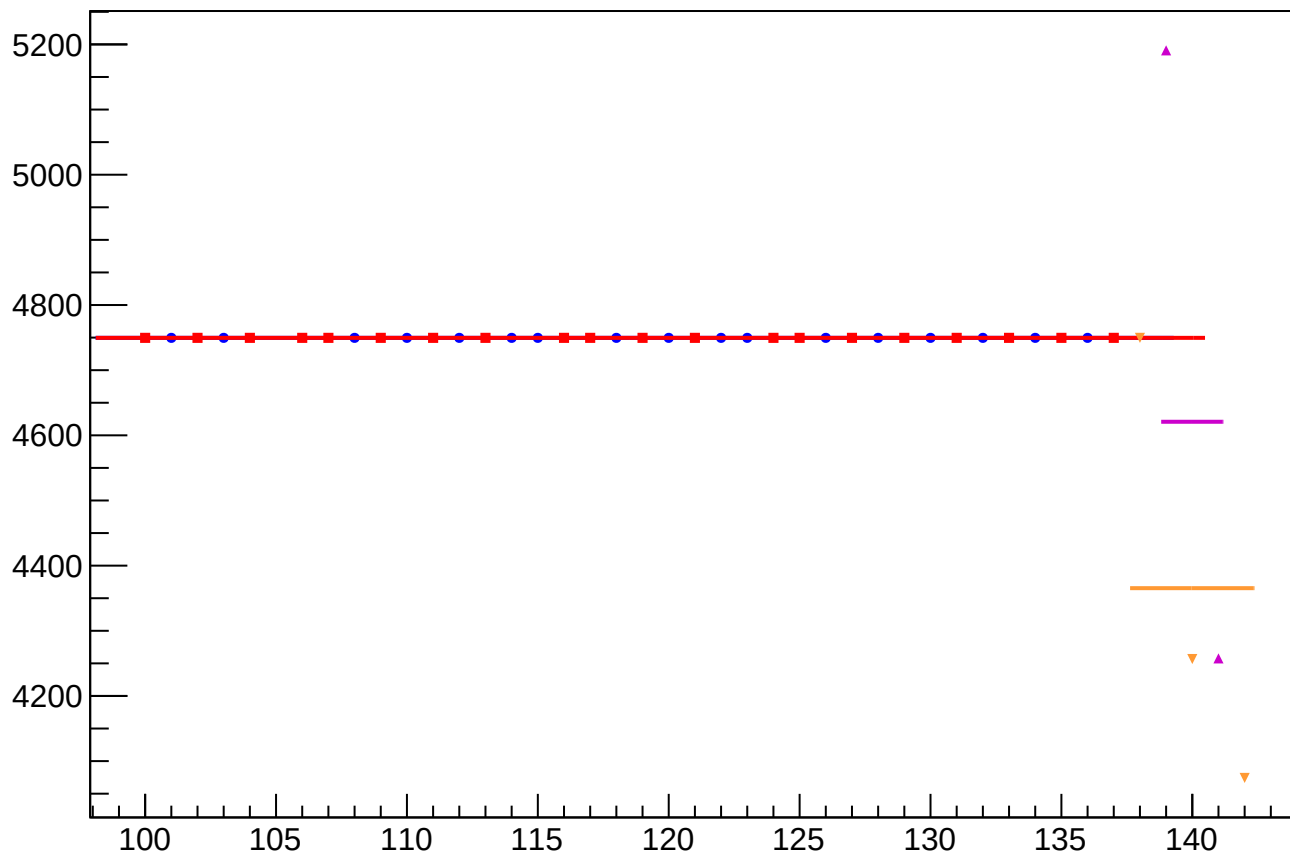
Left In: 1574.217 ± 3634.324 $\chi^2/\text{NDF}: 0.0/1$

-3774.012 ± 1246.469 $\chi^2/\text{NDF}: 0.5/19$

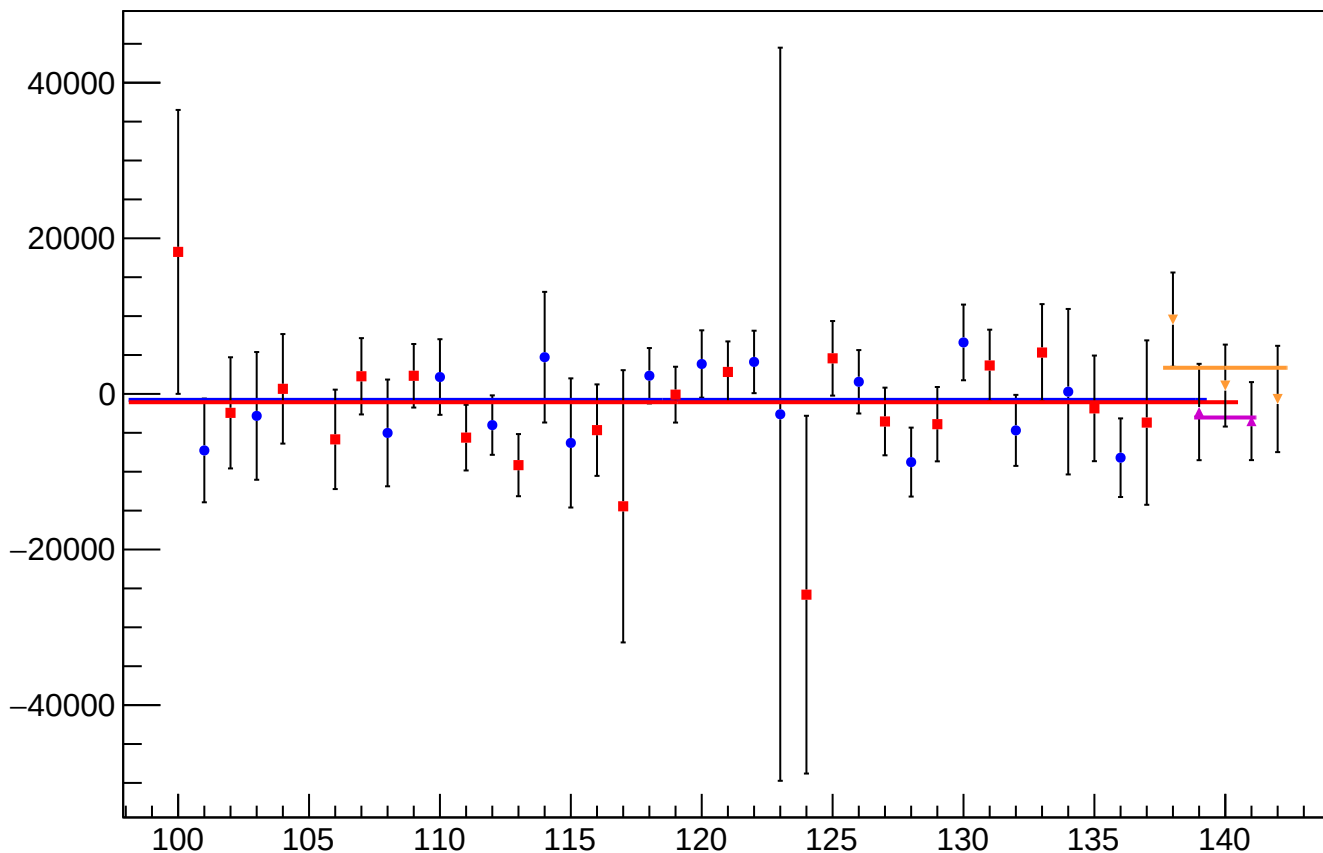
6.635 ± 858.331 $\chi^2/\text{NDF}: 18.3/41$

3416.045 ± 1183.690 $\chi^2/\text{NDF}: 0.3/21$

asym_atl_dd_correction_rms vs Slug, Sign Corrected



asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 3359.924 ± 3436.187 χ^2/NDF : 1.6/2

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

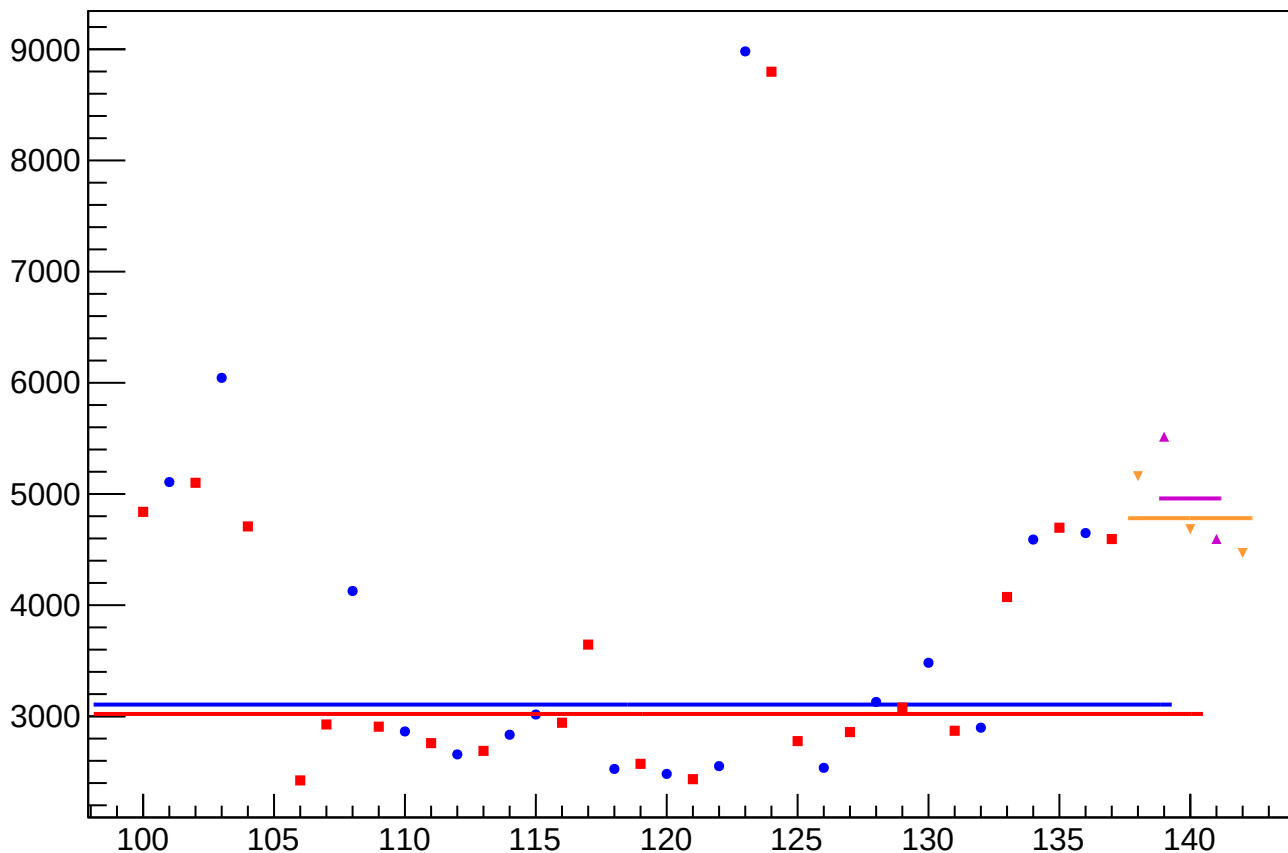
Left In: -3032.775 ± 3896.267 χ^2/NDF : 0.0/1

-284.590 ± 1172.783 χ^2/NDF : 18.4/19

-774.195 ± 816.216 χ^2/NDF : 34.6/41

-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: 4782.455+/-2.430 χ^2/NDF :12676.8/2

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

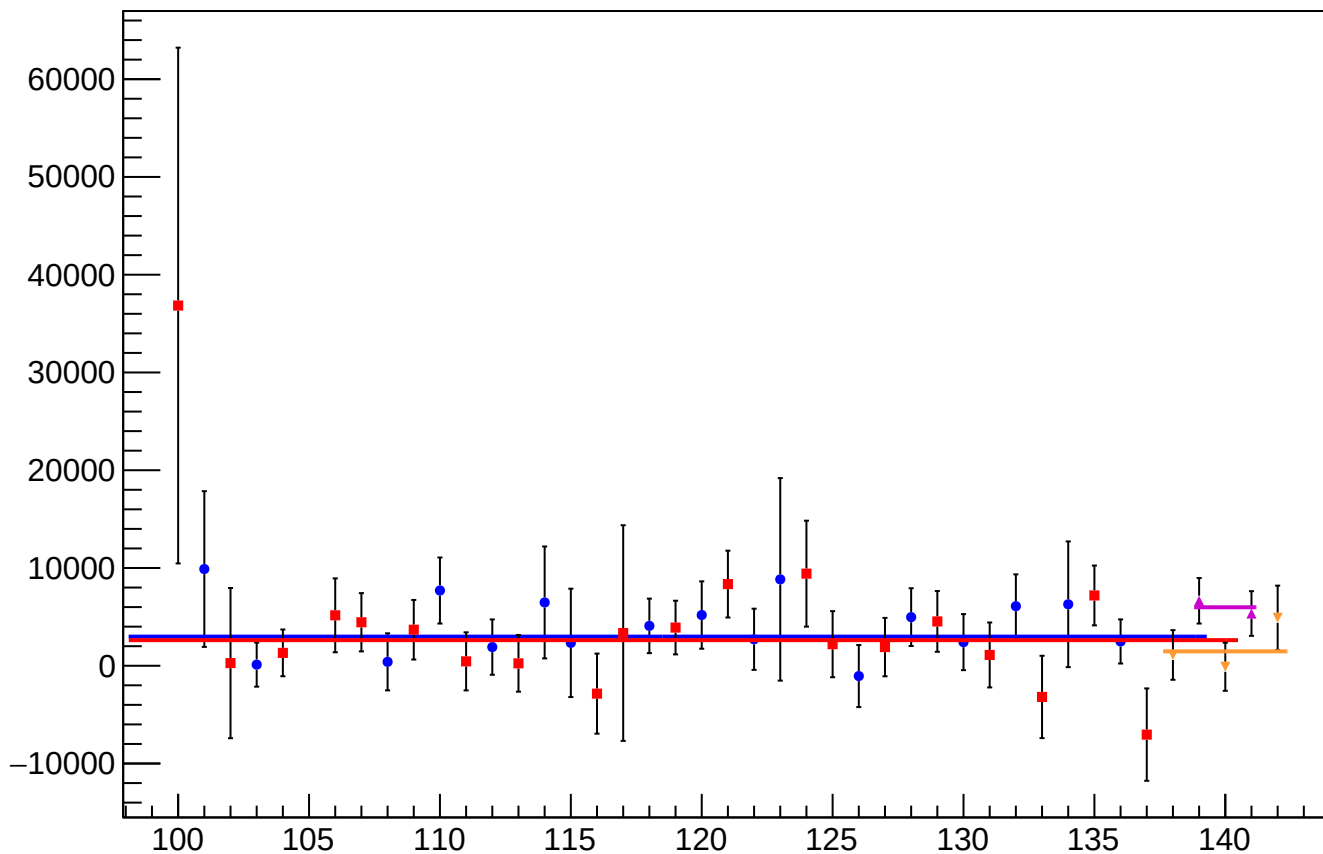
Left In: 4959.876+/-2.755 χ^2/NDF :26684.3/1

3301.153+/-0.829 χ^2/NDF : 1393182.8/19

3239.470+/-0.574 χ^2/NDF : 2681087.2/41

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

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1473.815+/-1556.256 χ^2/NDF : 1.5/2

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

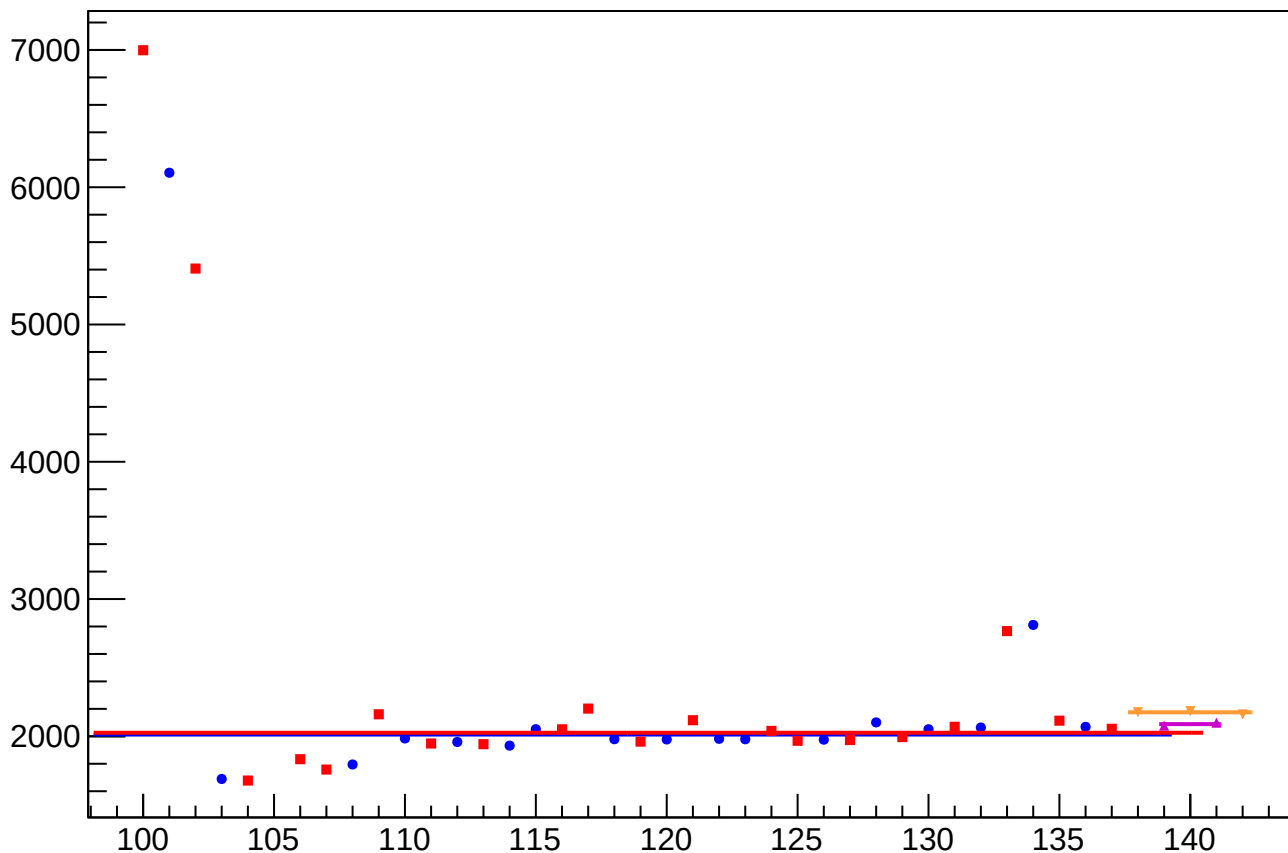
Left In: 5982.389+/-1630.760 χ^2/NDF : 0.2/1

2666.810+/-708.254 χ^2/NDF : 12.1/19

2957.743+/-499.506 χ^2/NDF : 35.7/41

3245.664+/-704.577 χ^2/NDF : 23.2/21

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 2174.913+/-1.100 χ^2/NDF :67.0/2

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

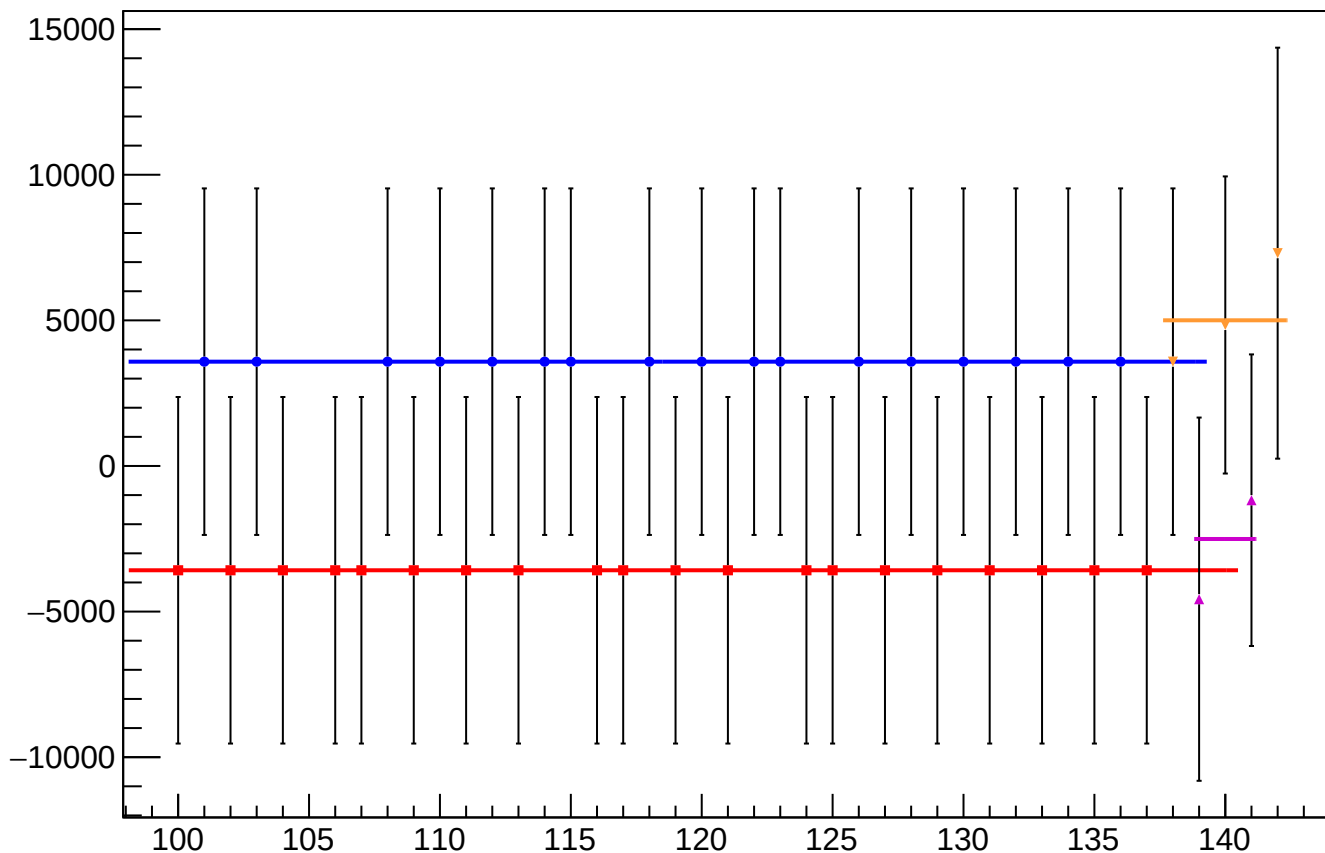
Left In: 2088.793+/-1.153 χ^2/NDF :88.9/1

2046.491+/-0.501 χ^2/NDF : 634950.9/19

2042.062+/-0.353 χ^2/NDF : 1235545.1/41

2037.680+/-0.498 χ^2/NDF : 600438.6/21

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 3581.541+/-1443.107 χ^2/NDF : 0.0/16

Left Out: 5002.151+/-3395.066 χ^2/NDF : 0.2/2

Right Out: -3581.541+/-1330.479 χ^2/NDF : 0.0/19

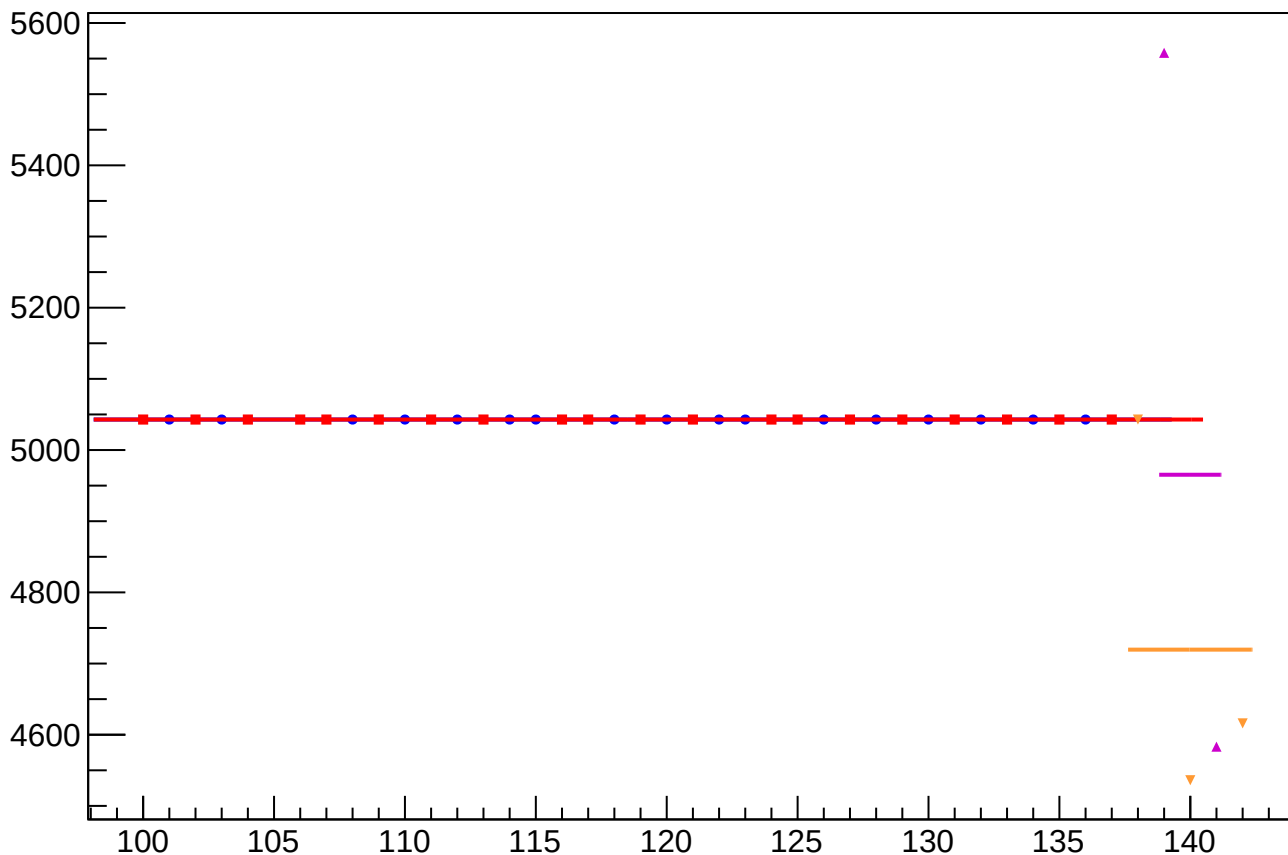
Left In: -2507.344+/-3904.149 χ^2/NDF : 0.2/1

3798.934+/-1328.108 χ^2/NDF : 0.3/19

-28.408+/-913.840 χ^2/NDF : 16.3/41

-3469.769+/-1259.360 χ^2/NDF : 0.2/21

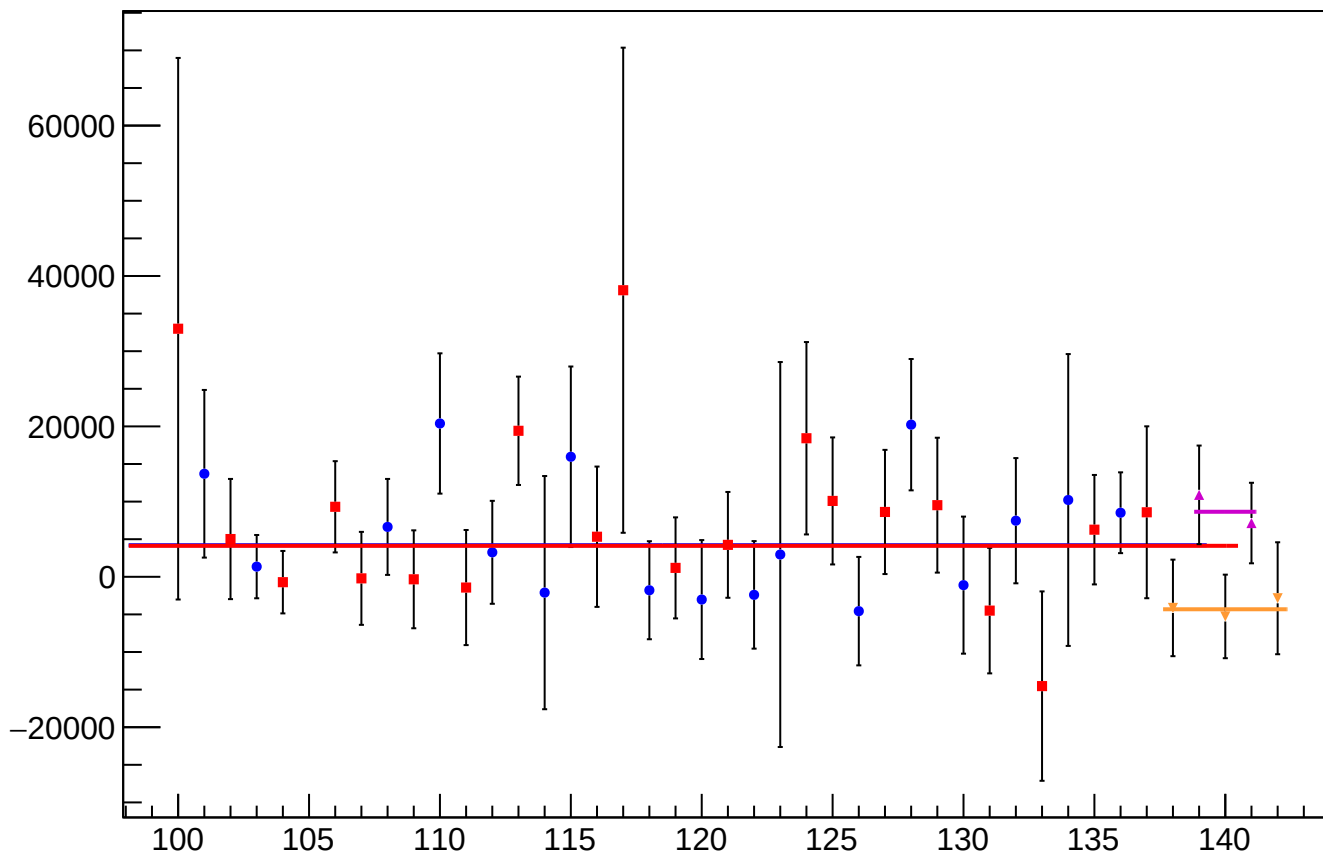
asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 5042.846+/-1.020 χ^2/NDF : 0.0/16
 Left Out: 4719.549+/-2.401 χ^2/NDF : 8923.2/2
 Right Out: 5042.846+/-0.941 χ^2/NDF : 0.0/19
 Left In: 4965.281+/-2.761 χ^2/NDF : 29717.9/1

4993.373+/-0.939 χ^2/NDF : 24283.8/19
 5015.173+/-0.646 χ^2/NDF : 55732.4/41
 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: -4317.249+/-3658.292 χ^2/NDF : 0.1/2

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

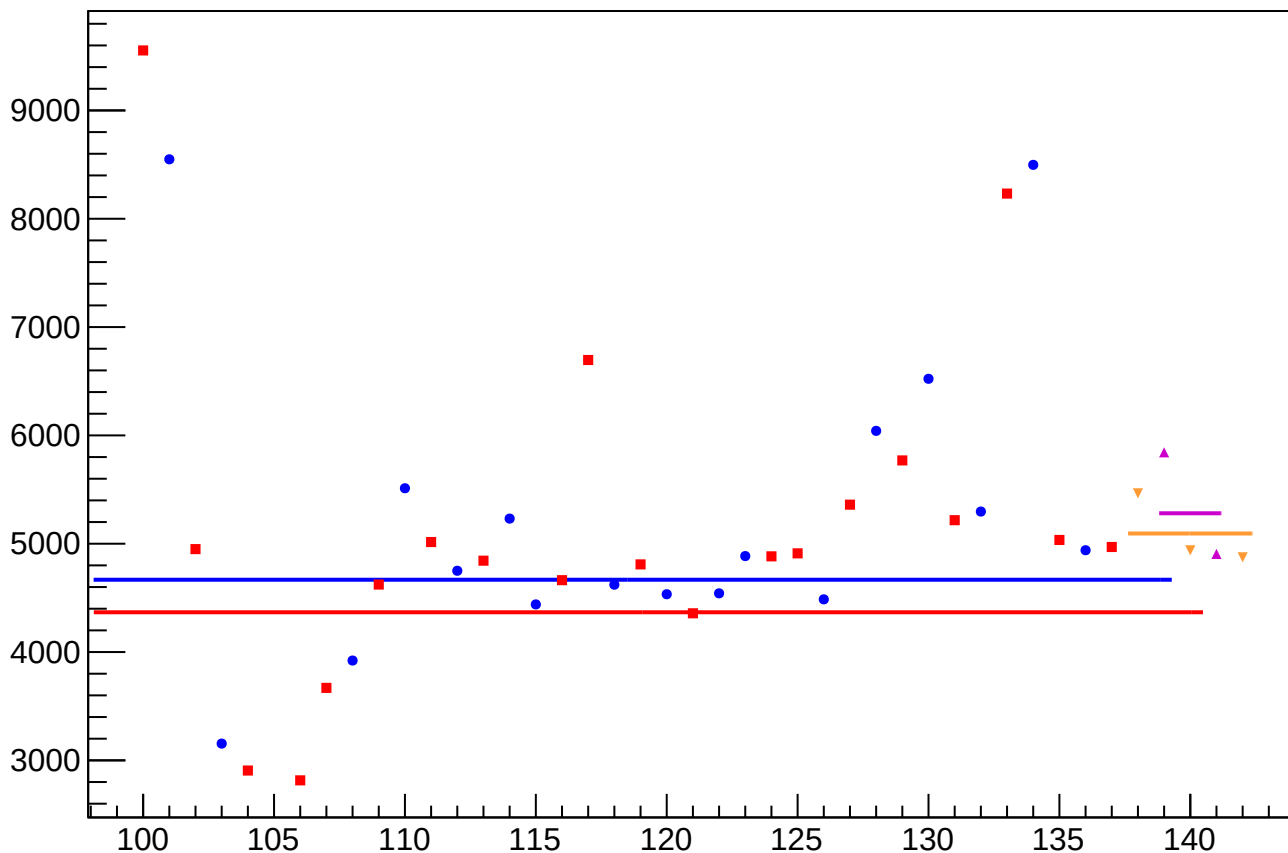
Left In: 8648.166+/-4147.059 χ^2/NDF : 0.2/1

2452.808+/-1656.447 χ^2/NDF : 18.5/19

3667.082+/-1147.415 χ^2/NDF : 36.7/41

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: 5094.366+/-2.587 χ^2/NDF : 9982.7/2

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

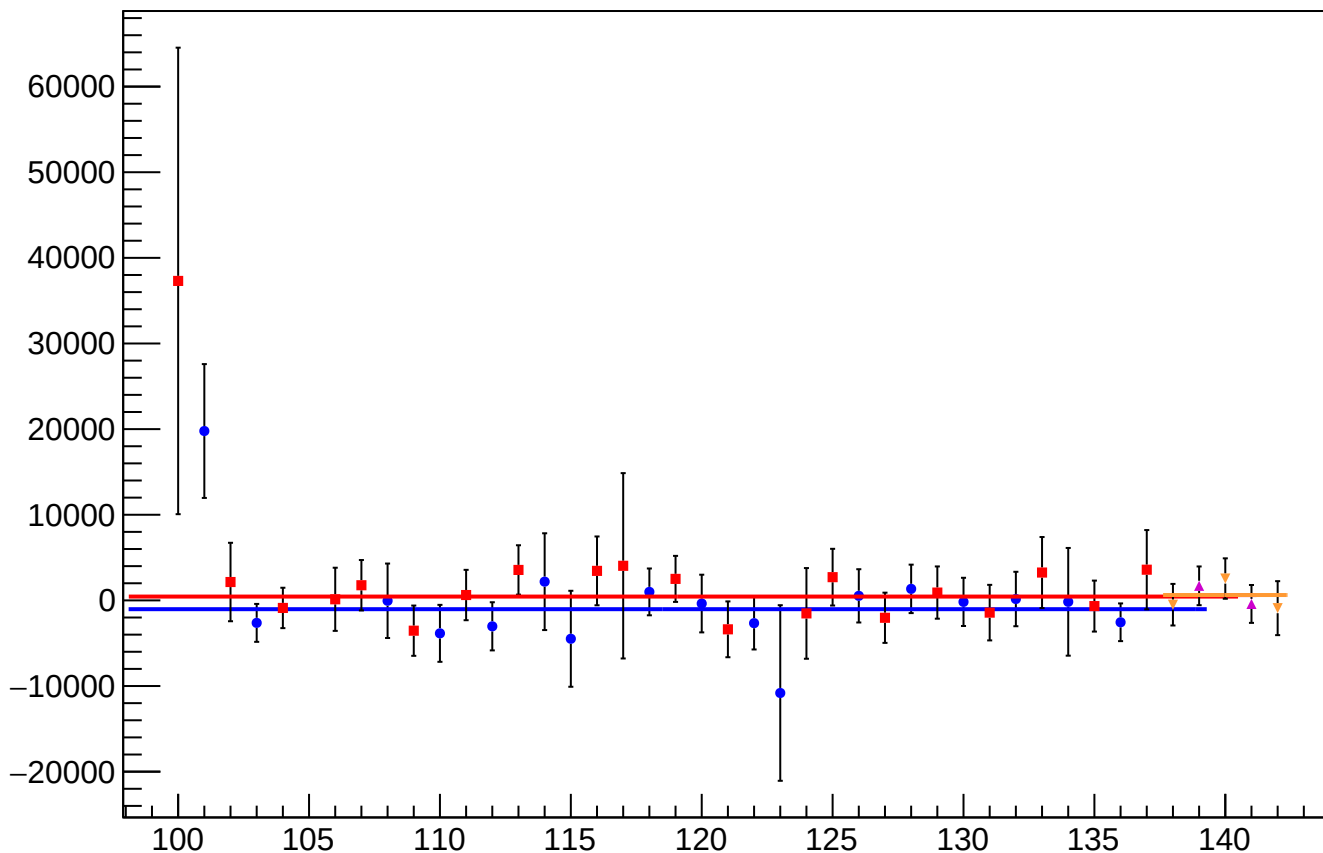
Left In: 5281.041+/-2.932 χ^2/NDF : 24557.2/1

4754.993+/-1.171 χ^2/NDF : 809491.3/19

4621.905+/-0.809 χ^2/NDF : 1784923.3/41

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: 626.191 ± 1490.678 χ^2/NDF : 1.1/2

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

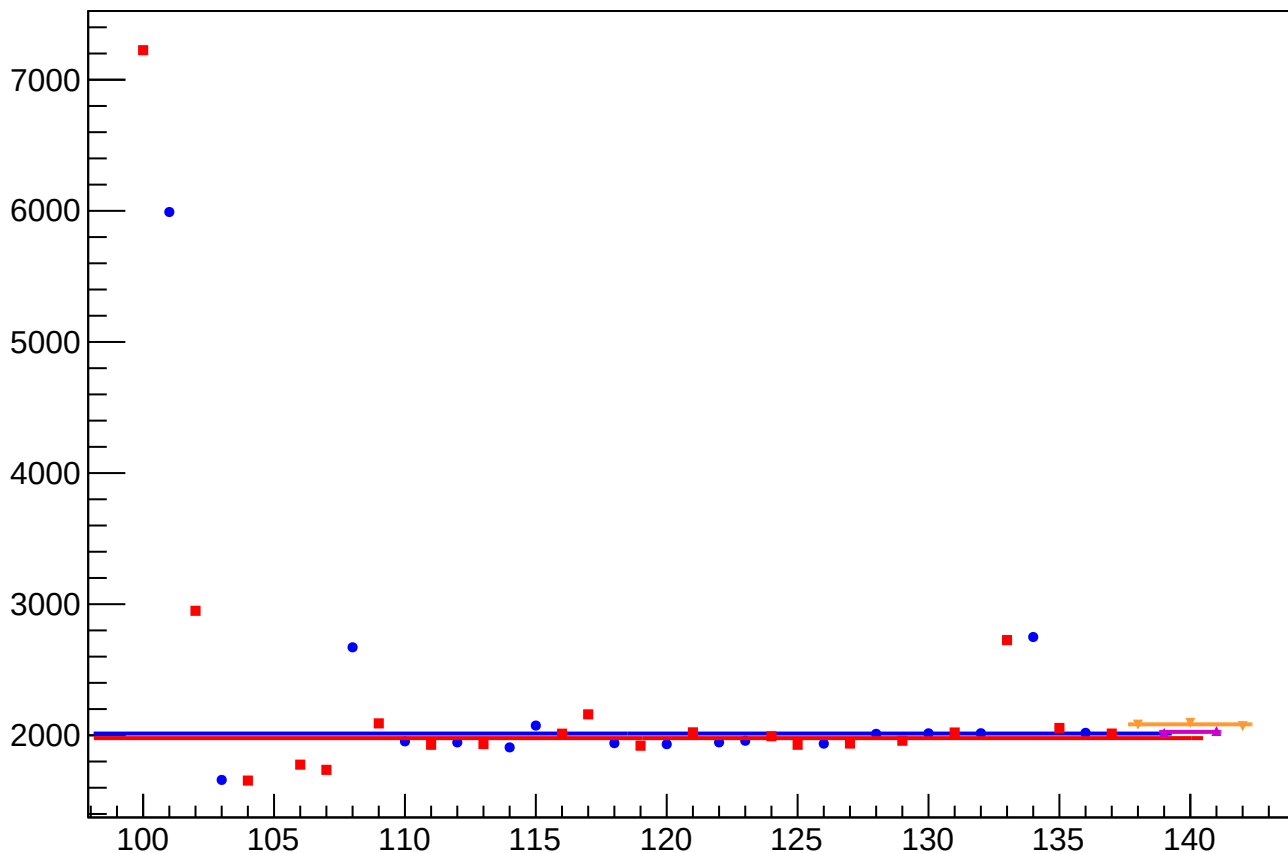
Left In: 620.236 ± 1581.377 χ^2/NDF : 0.4/1

-659.811 ± 702.572 χ^2/NDF : 15.1/19

-75.436 ± 490.178 χ^2/NDF : 27.8/41

478.817 ± 684.225 χ^2/NDF : 11.3/21

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 2083.630+/-1.054 χ^2/NDF :83.8/2

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

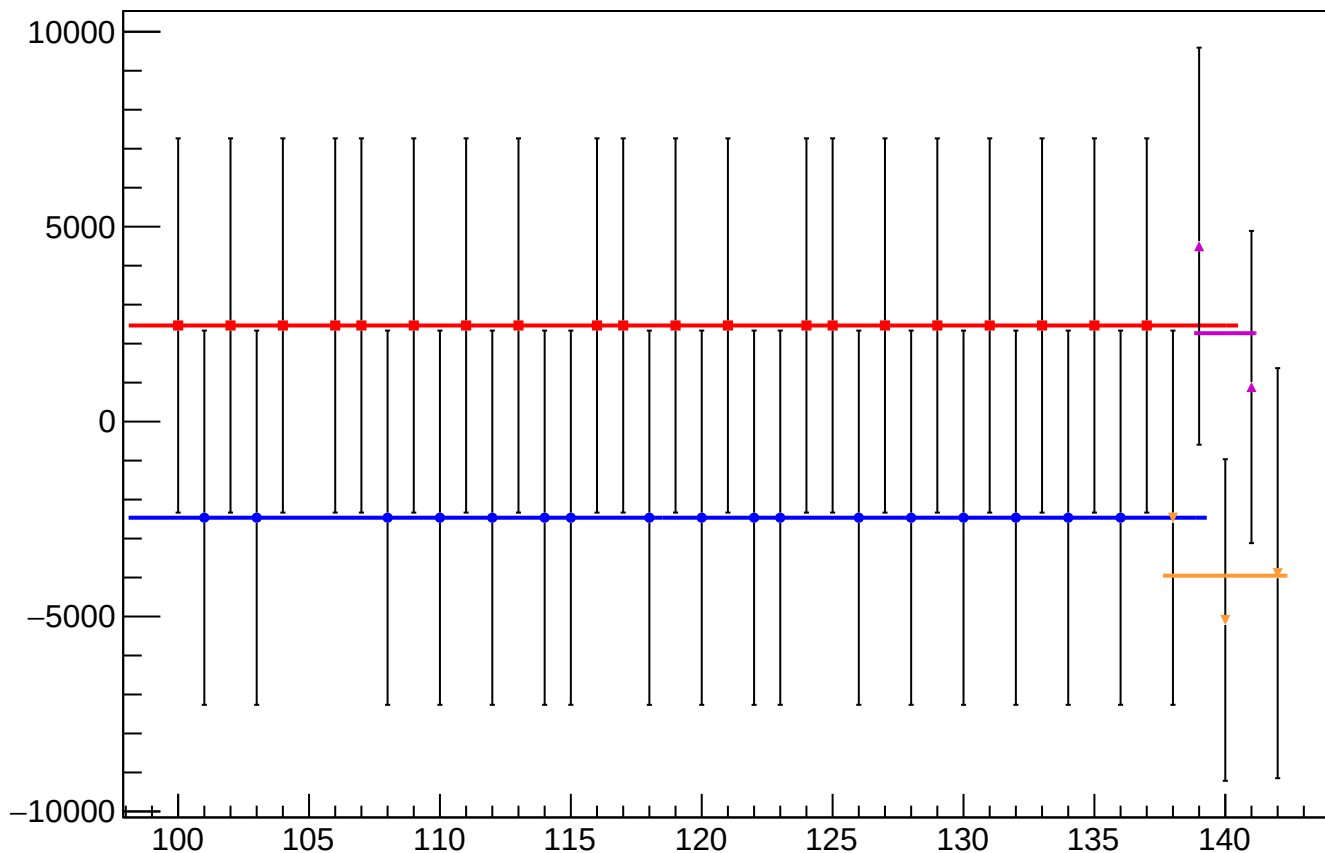
Left In: 2026.088+/-1.118 χ^2/NDF :42.6/1

2028.899+/-0.497 χ^2/NDF : 653598.3/19

2007.554+/-0.346 χ^2/NDF : 954174.6/41

1987.344+/-0.483 χ^2/NDF : 296982.3/21

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: -2465.419 $\pm$ 1164.152 χ^2 /NDF: 0.0/16

Left Out: -3952.055 $\pm$ 2688.549 χ^2 /NDF: 0.2/2

Right Out: 2465.419 $\pm$ 1073.295 χ^2 /NDF: 0.0/19

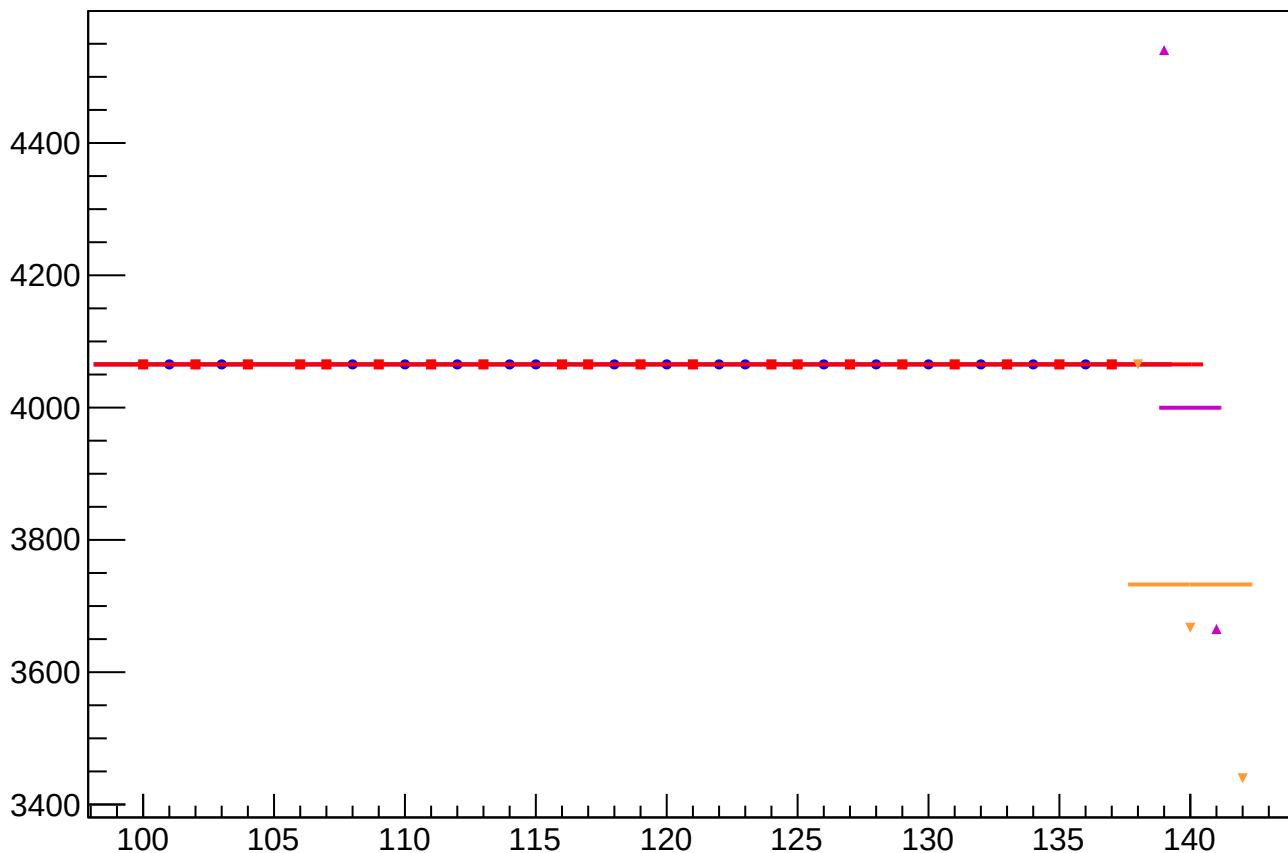
Left In: 2267.689 $\pm$ 3147.727 χ^2 /NDF: 0.3/1

-2700.143 $\pm$ 1068.303 χ^2 /NDF: 0.4/19

1.708 $\pm$ 736.165 χ^2 /NDF: 12.9/41

2444.825 $\pm$ 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: 3732.590+/-1.901 χ^2/NDF :16323.3/2

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

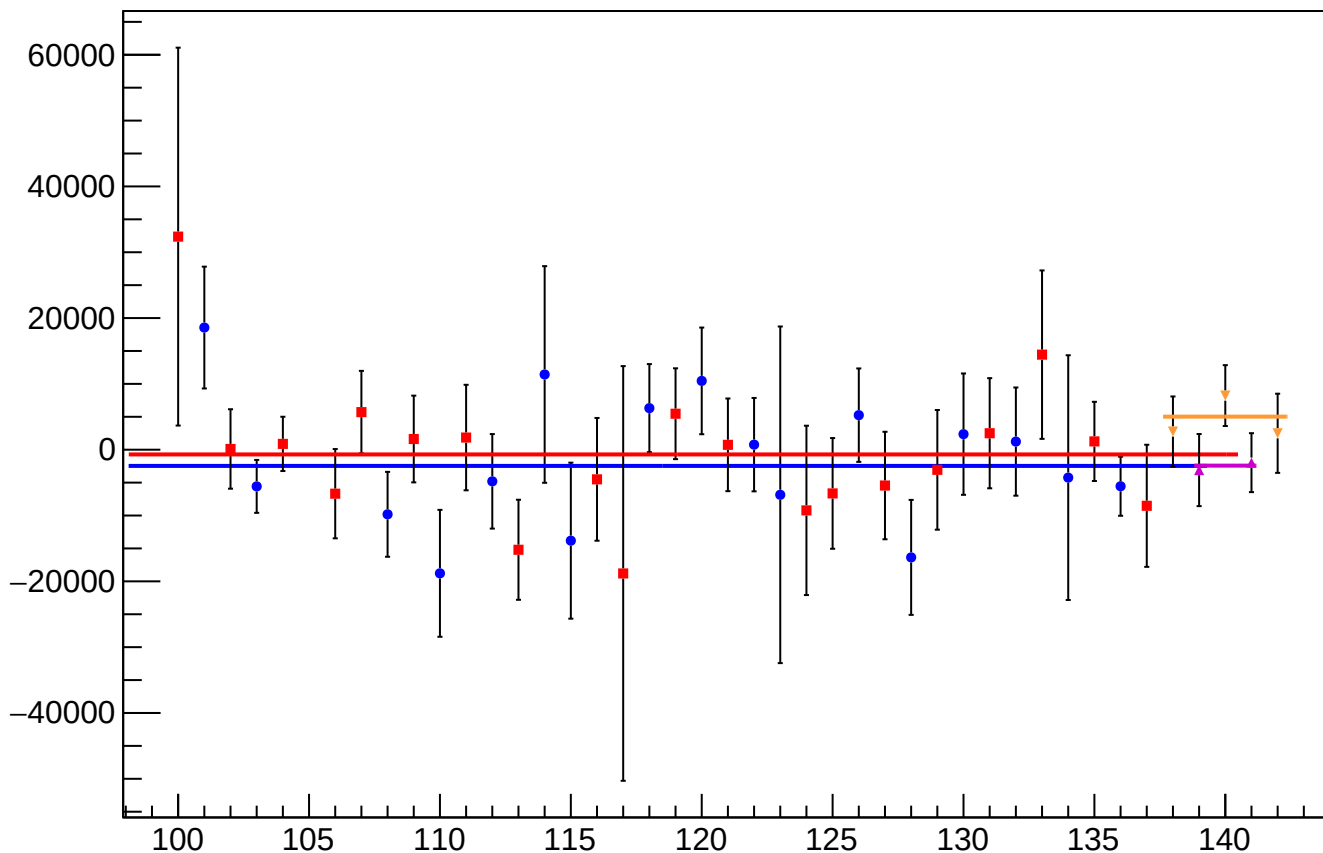
Left In: 3999.801+/-2.226 χ^2/NDF :36502.8/1

4012.781+/-0.755 χ^2/NDF : 42118.2/19

4036.785+/-0.521 χ^2/NDF : 81320.0/41

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: 5023.455+/-3020.020 χ^2/NDF : 0.8/2

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

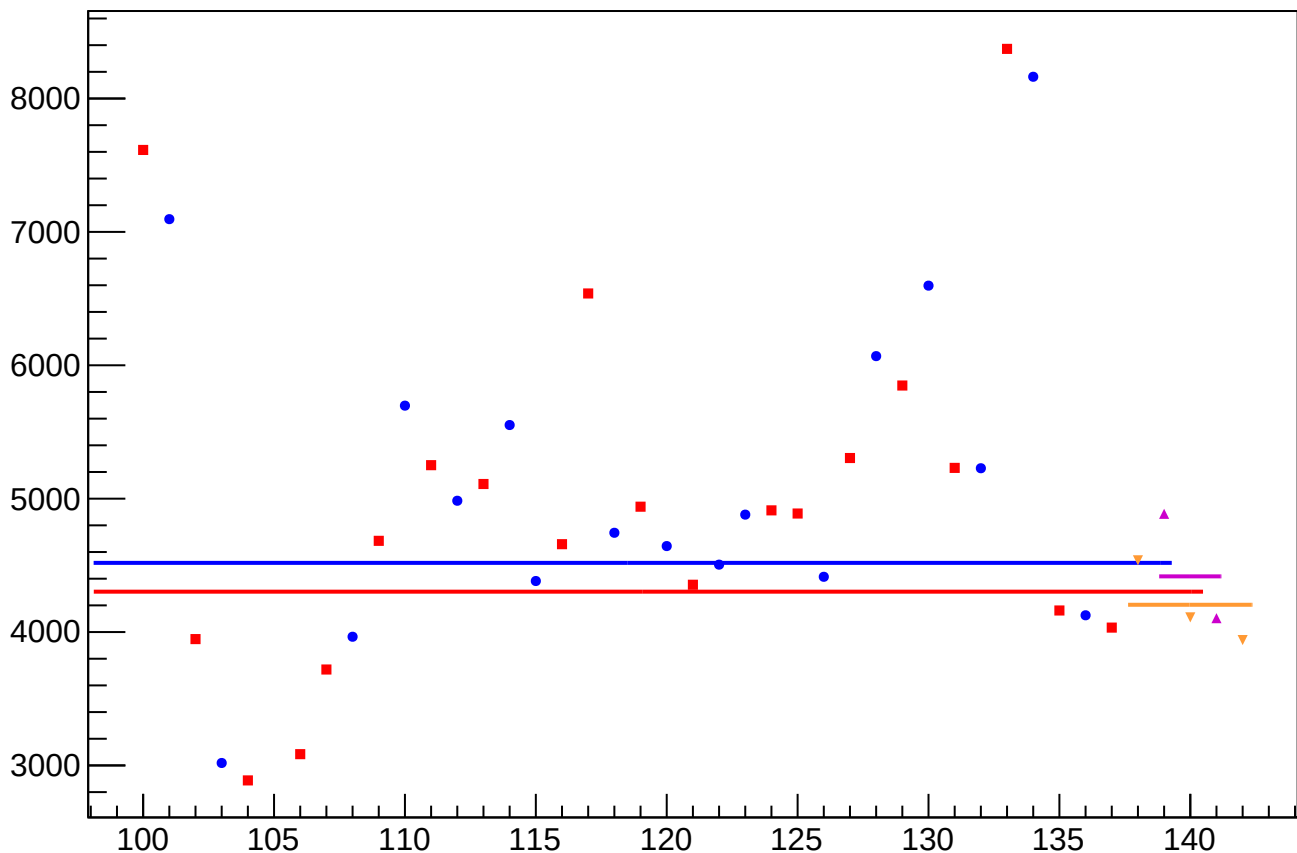
Left In: -2420.359+/-3466.238 χ^2/NDF : 0.0/1

-504.419+/-1544.477 χ^2/NDF : 26.2/19

-779.176+/-1082.325 χ^2/NDF : 38.7/41

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

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4204.512 $\pm$ 2.135 χ^2/NDF : 12526.4/2

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

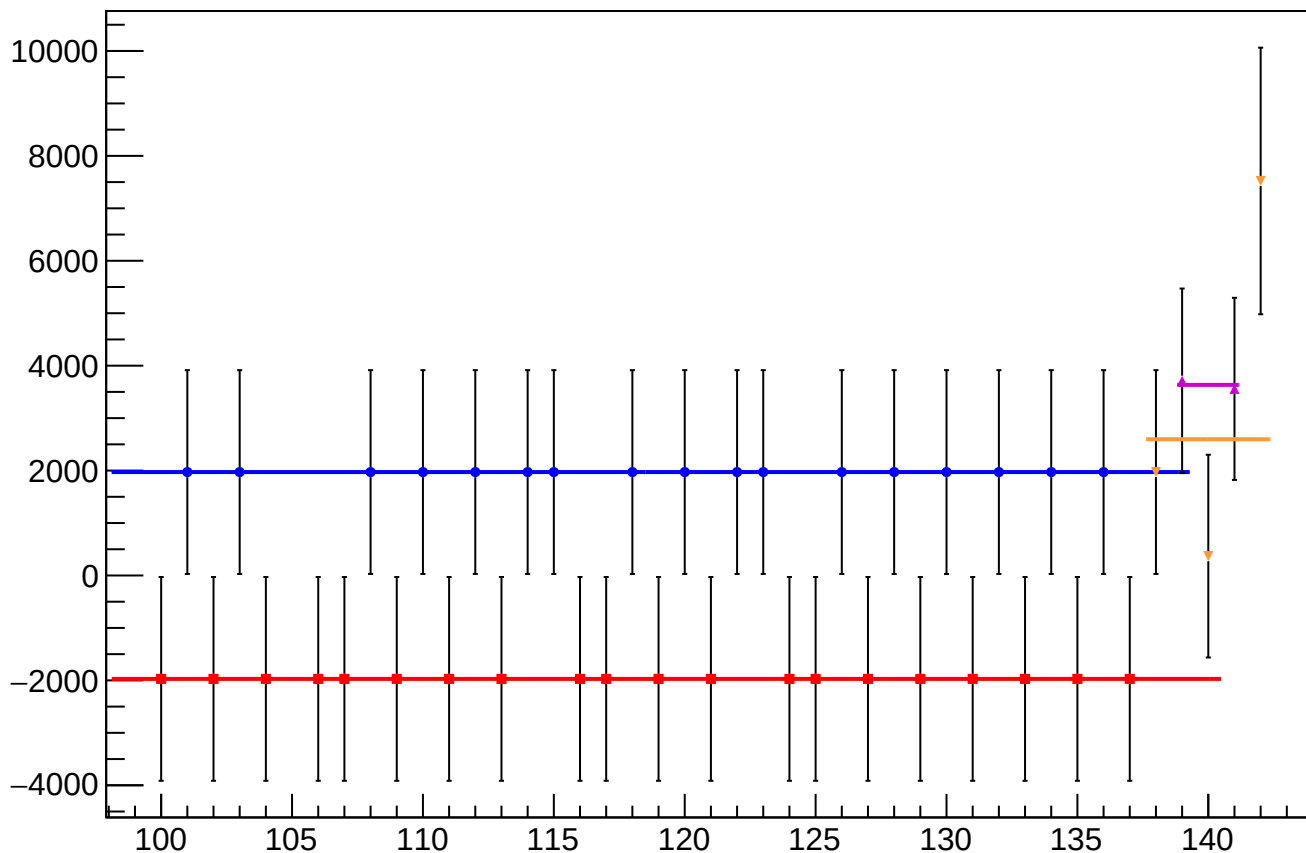
Left In: 4417.463 $\pm$ 2.451 χ^2/NDF : 24469.6/1

4436.514 $\pm$ 1.092 χ^2/NDF : 798736.8/19

4379.269 $\pm$ 0.764 χ^2/NDF : 1612161.1/41

4324.523 $\pm$ 1.068 χ^2/NDF : 808049.1/21

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1971.753 $\pm$ 471.191 χ^2/NDF : 0.0/16

Left Out: 2597.659 $\pm$ 1206.068 χ^2/NDF : 5.2/2

Right Out: -1971.753 $\pm$ 434.417 χ^2/NDF : 0.0/19

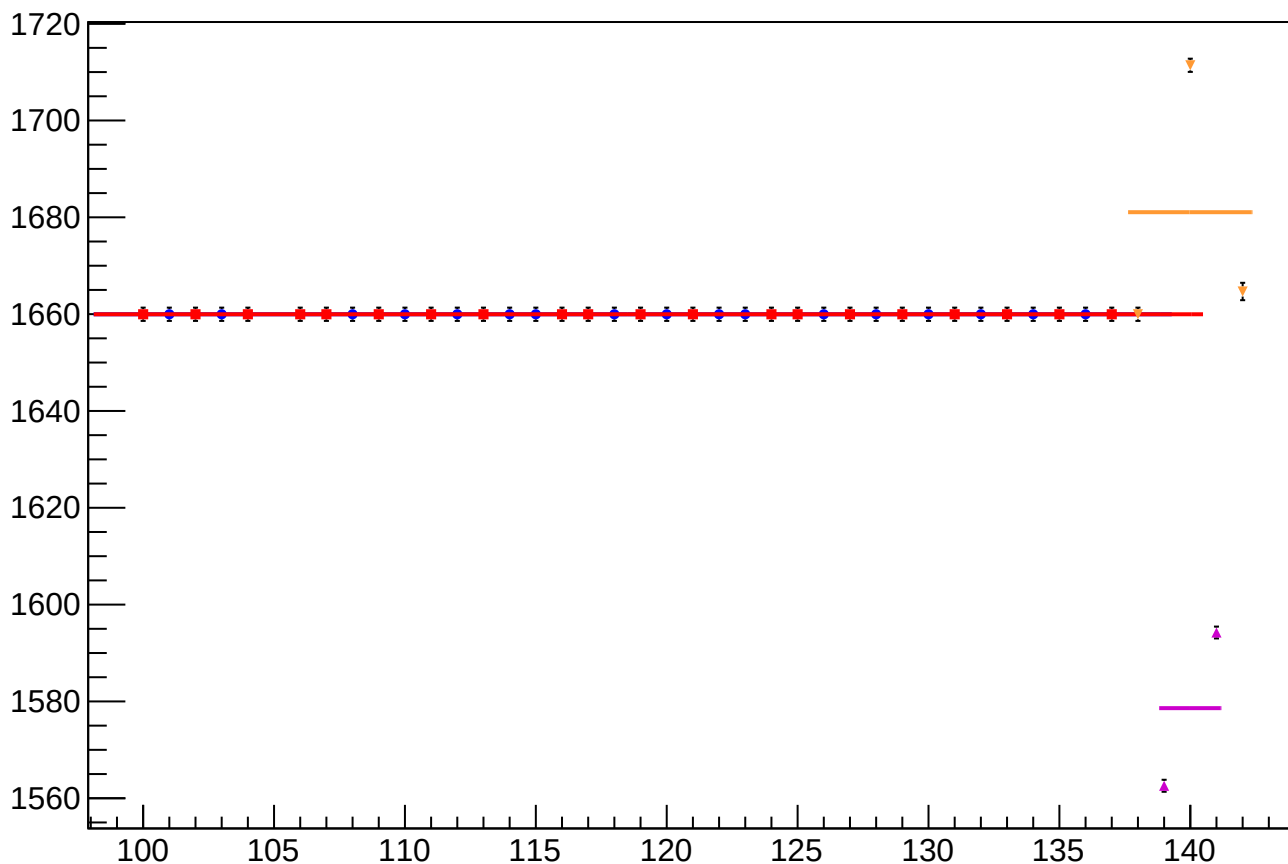
Left In: 3633.869 $\pm$ 1235.442 χ^2/NDF : 0.0/1

2054.637 $\pm$ 438.886 χ^2/NDF : 5.4/19

233.222 $\pm$ 299.535 χ^2/NDF : 56.0/41

-1354.925 $\pm$ 409.819 χ^2/NDF : 18.3/21

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1659.972 $\pm$ 0.333 χ^2 /NDF: 0.0/16

Left Out: 1681.057 $\pm$ 0.853 χ^2 /NDF:811.7/2

Right Out: 1659.972 $\pm$ 0.307 χ^2 /NDF: 0.0/19

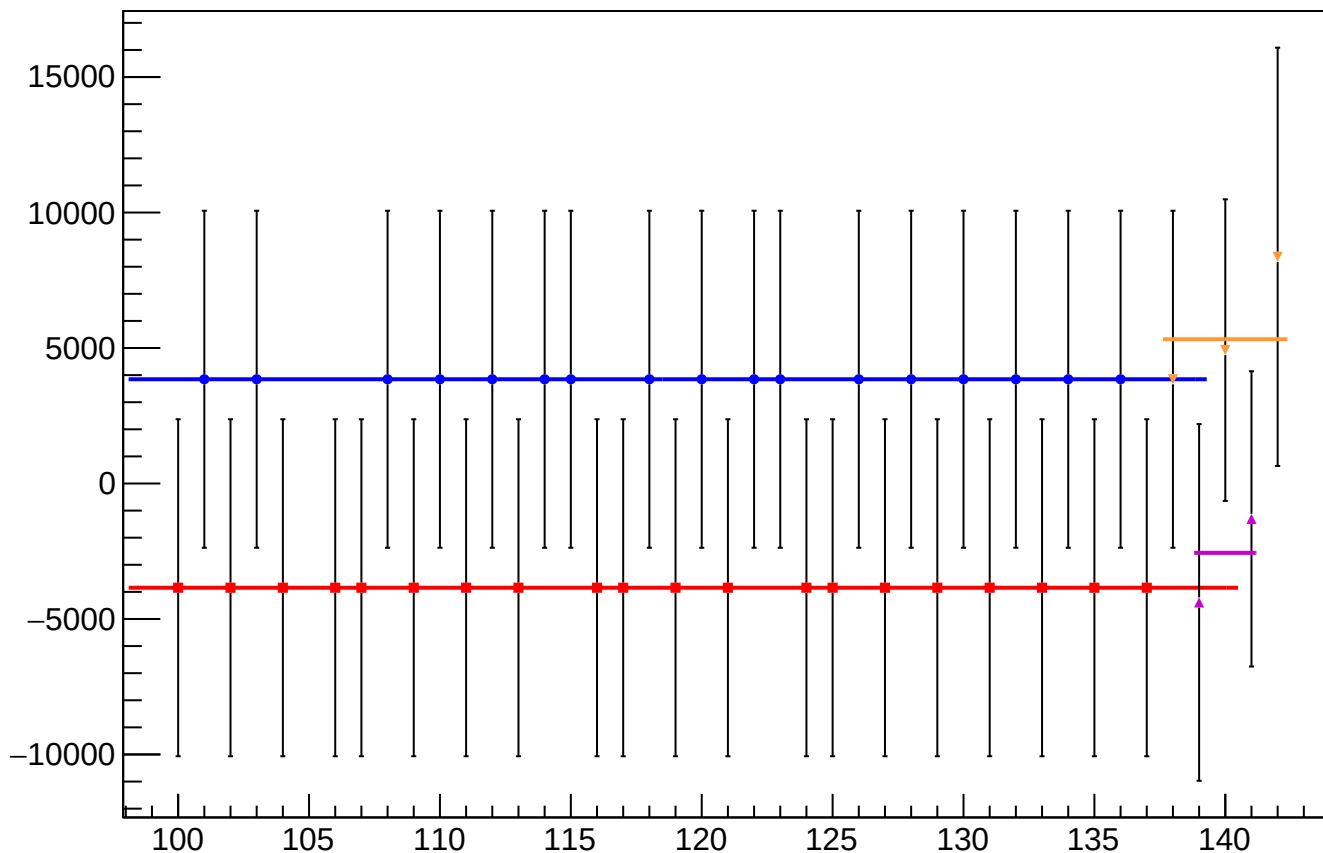
Left In: 1578.613 $\pm$ 0.874 χ^2 /NDF:328.2/1

1662.764 $\pm$ 0.310 χ^2 /NDF: 1342.0/19

1656.490 $\pm$ 0.212 χ^2 /NDF: 10154.5/41

1651.019 $\pm$ 0.290 χ^2 /NDF: 8047.4/21

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 3847.115 $\pm$ 1508.277 χ^2 /NDF: 0.0/16

Left Out: 5322.858 $\pm$ 3653.152 χ^2 /NDF:0.2/2

Right Out: -3847.115 $\pm$ 1390.563 χ^2 /NDF: 0.0/19

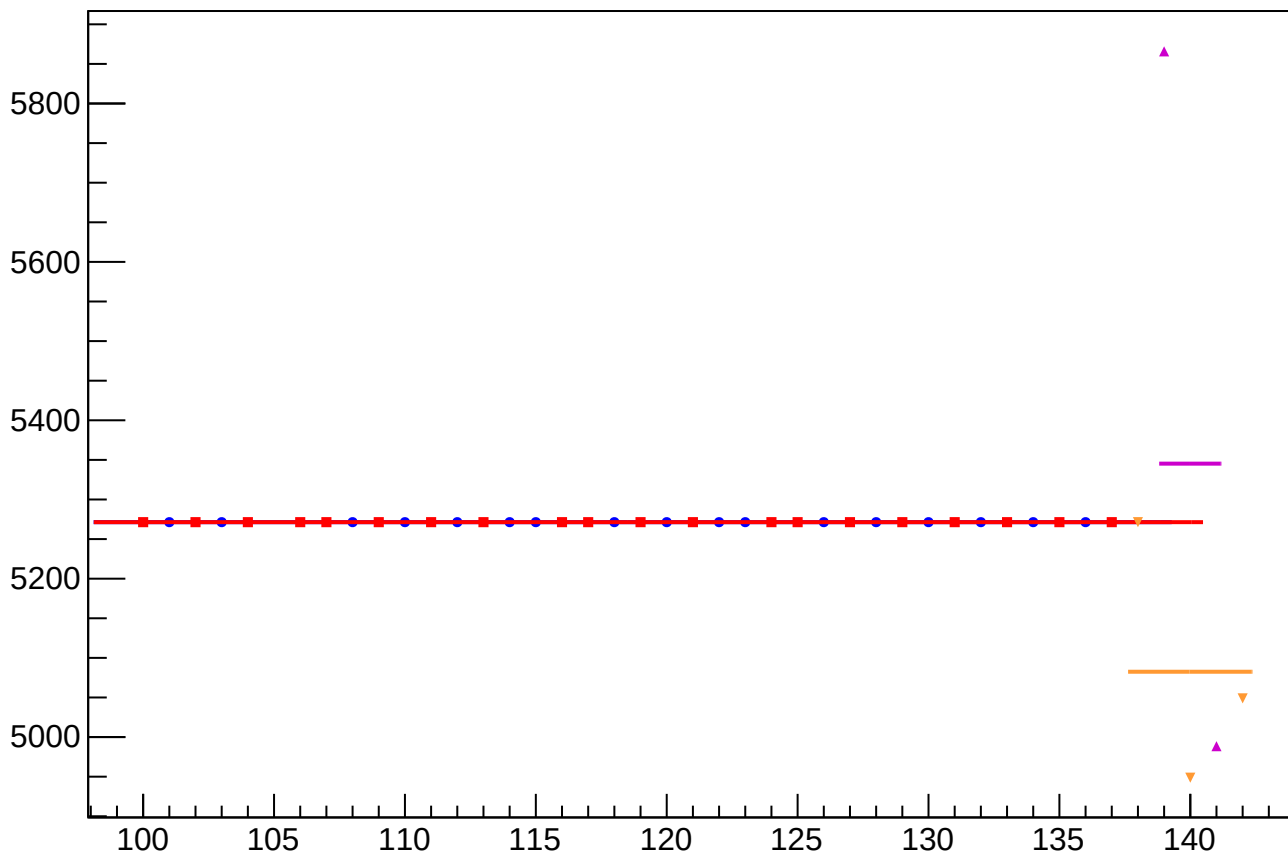
Left In: -2560.003 $\pm$ 4197.399 χ^2 /NDF:0.1/1

4062.037 $\pm$ 1394.128 χ^2 /NDF: 0.4/19

-41.240 $\pm$ 958.520 χ^2 /NDF: 17.0/41

-3719.821 $\pm$ 1320.010 χ^2 /NDF: 0.2/21

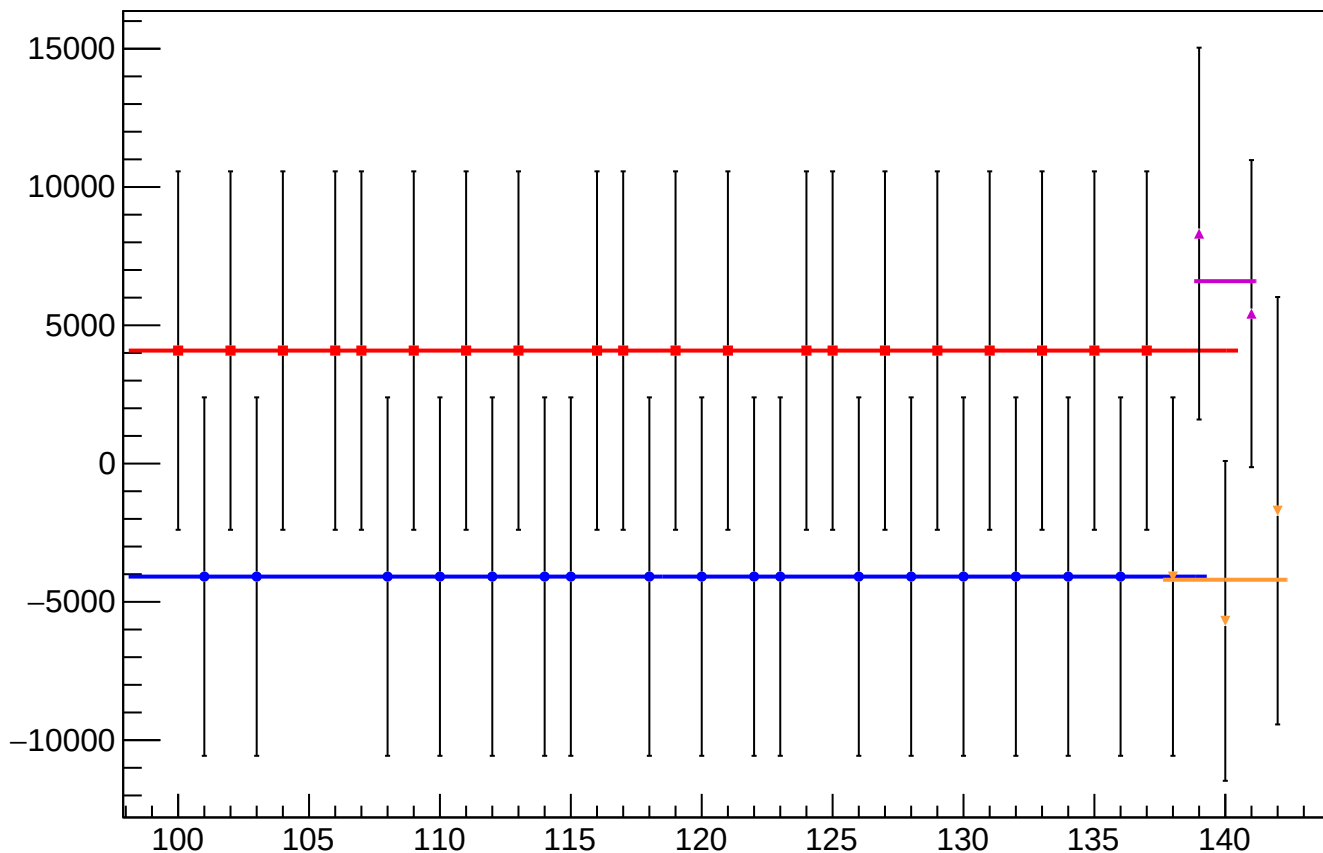
asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 5271.366 $\pm$ 1.067 χ^2/NDF : 0.0/16
 Left Out: 5082.499 $\pm$ 2.583 χ^2/NDF : 3038.3/2
 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

5243.860 $\pm$ 0.986 χ^2/NDF : 7605.5/19
 5262.217 $\pm$ 0.678 χ^2/NDF : 29905.9/41
 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: -4200.118+/-3766.986 χ^2/NDF : 0.2/2

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

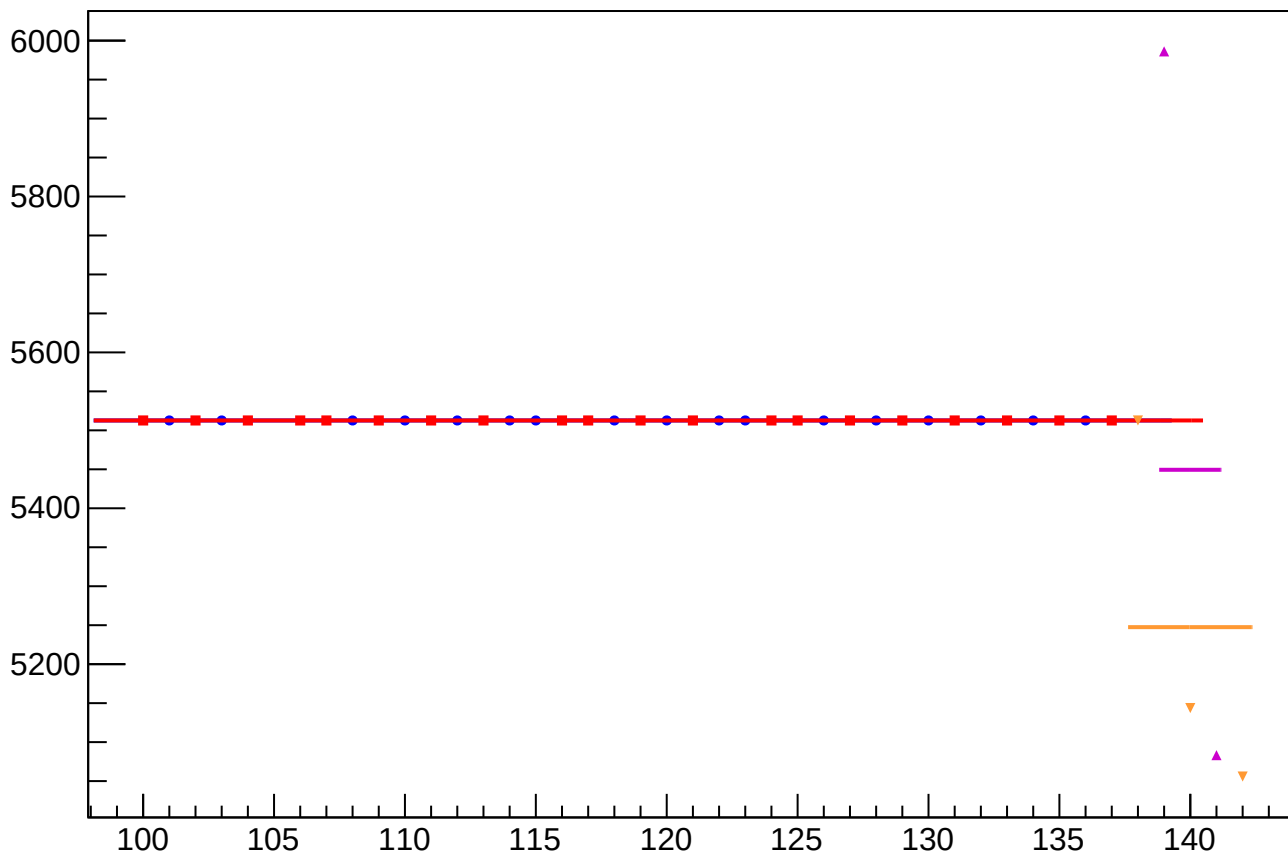
Left In: 6595.460+/-4280.693 χ^2/NDF : 0.1/1

-4103.125+/-1450.538 χ^2/NDF : 0.2/19

353.693+/-996.974 χ^2/NDF : 18.5/41

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: 5247.504+/-2.664 χ^2 /NDF: 5223.6/2

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

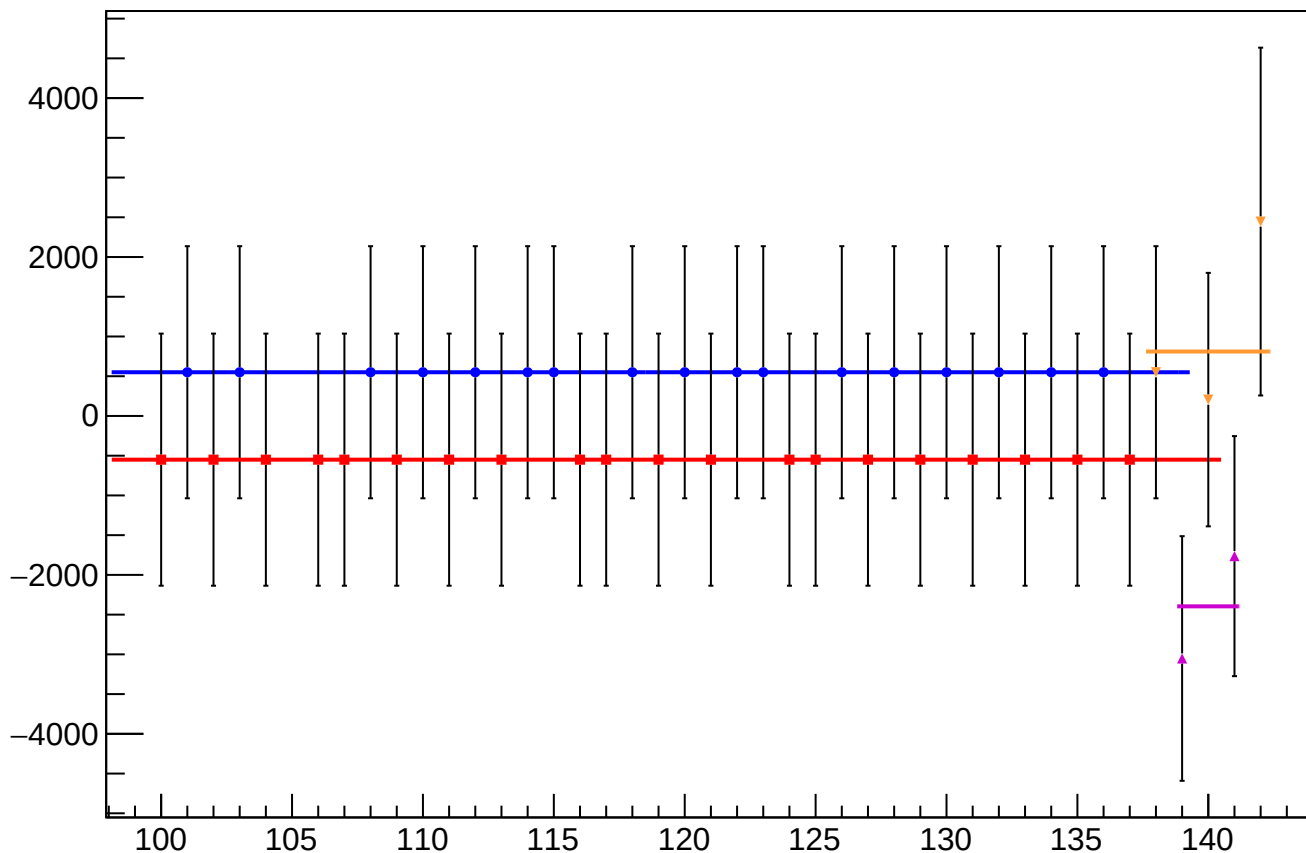
Left In: 5449.391+/-3.027 χ^2 /NDF: 21450.5/1

5473.360+/-1.026 χ^2 /NDF: 13664.8/19

5490.672+/-0.705 χ^2 /NDF: 36047.5/41

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: 810.751 $\pm$ 1000.330 χ^2 /NDF: 0.7/2

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

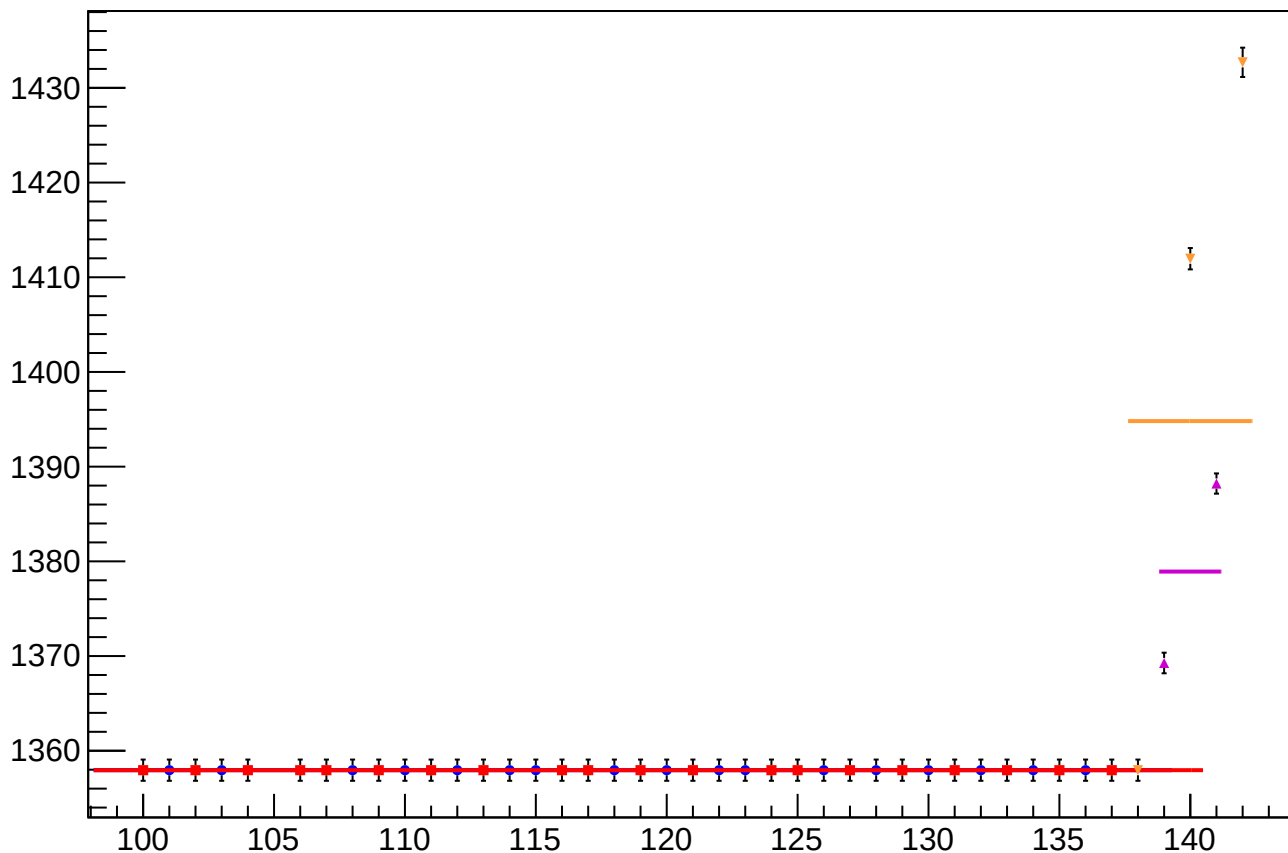
Left In: -2395.856 $\pm$ 1078.047 χ^2 /NDF: 0.4/1

583.641 $\pm$ 359.081 χ^2 /NDF: 0.8/19

-115.132 $\pm$ 245.703 χ^2 /NDF: 10.9/41

-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: 1394.812 $\pm$ 0.707 χ^2/NDF : 1910.6/2

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

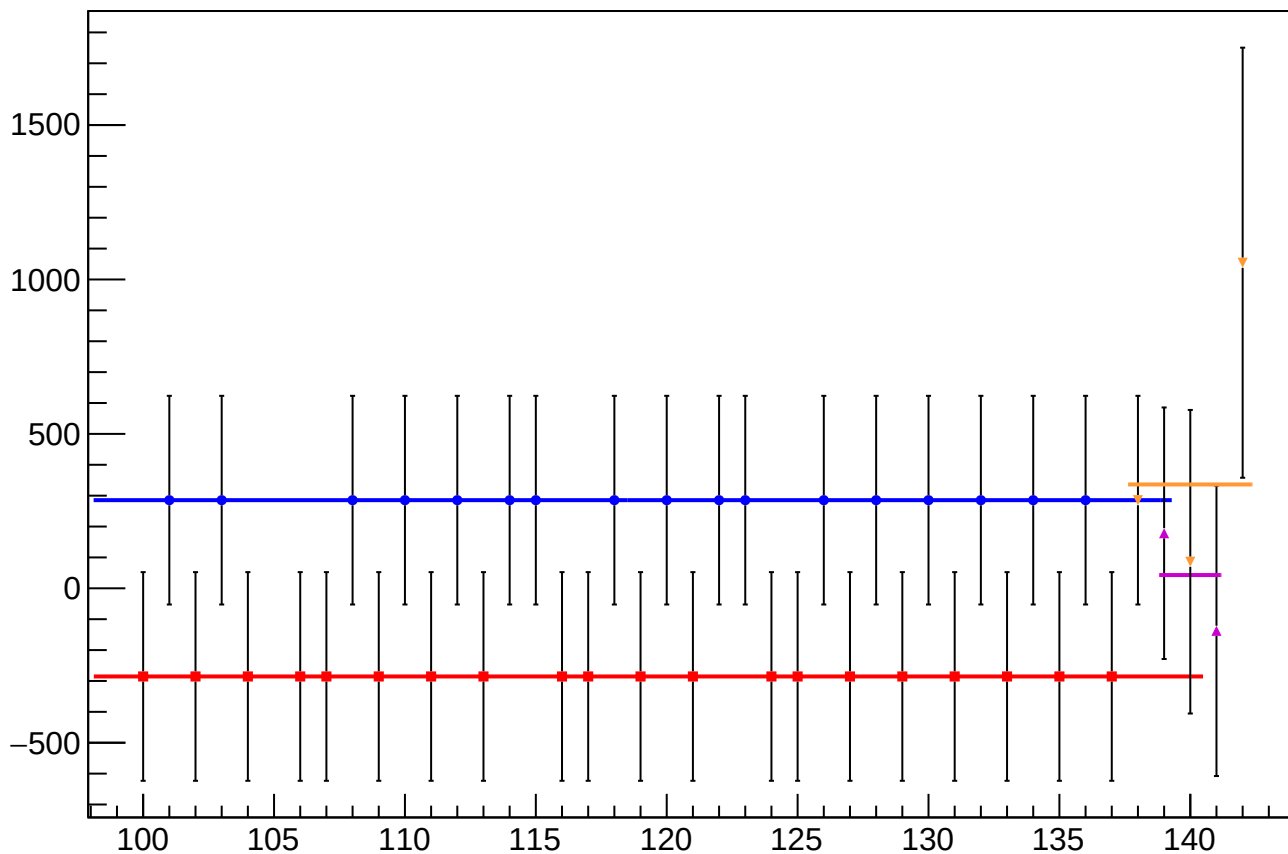
Left In: 1378.920 $\pm$ 0.762 χ^2/NDF : 154.4/1

1362.699 $\pm$ 0.254 χ^2/NDF : 4276.7/19

1361.262 $\pm$ 0.174 χ^2/NDF : 5174.3/41

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 $\pm$ 81.938 χ^2/NDF : 0.0/16

Left Out: 336.247 $\pm$ 258.509 χ^2/NDF : 1.3/2

Right Out: -285.426 $\pm$ 75.543 χ^2/NDF : 0.0/19

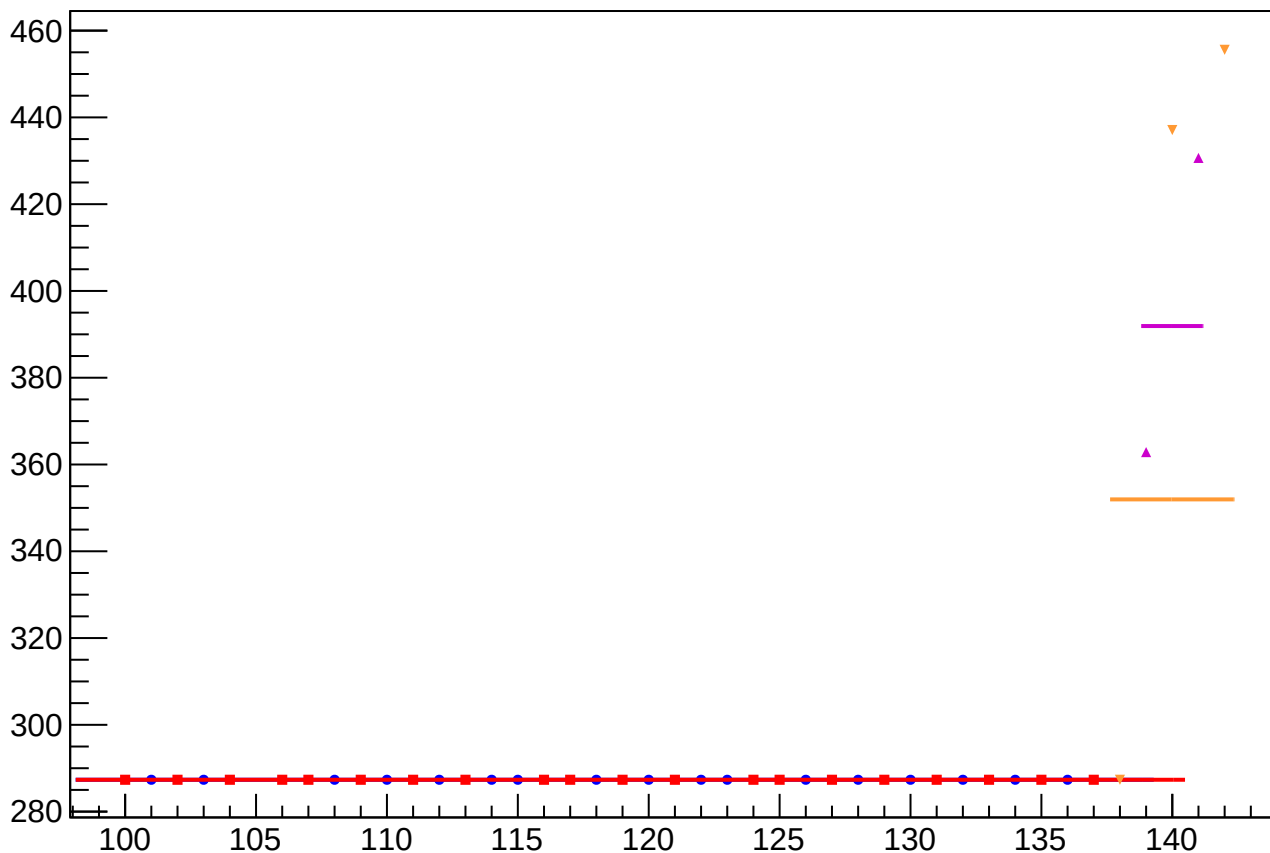
Left In: 42.968 $\pm$ 307.838 χ^2/NDF : 0.3/1

290.066 $\pm$ 78.108 χ^2/NDF : 1.4/19

-5.769 $\pm$ 53.476 χ^2/NDF : 29.7/41

-266.773 $\pm$ 73.366 χ^2/NDF : 1.3/21

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 287.339+/-0.058 χ^2/NDF : 0.0/16

Left Out: 351.957+/-0.183 χ^2/NDF :177466.1/2

Right Out: 287.339+/-0.053 χ^2/NDF : 0.0/19

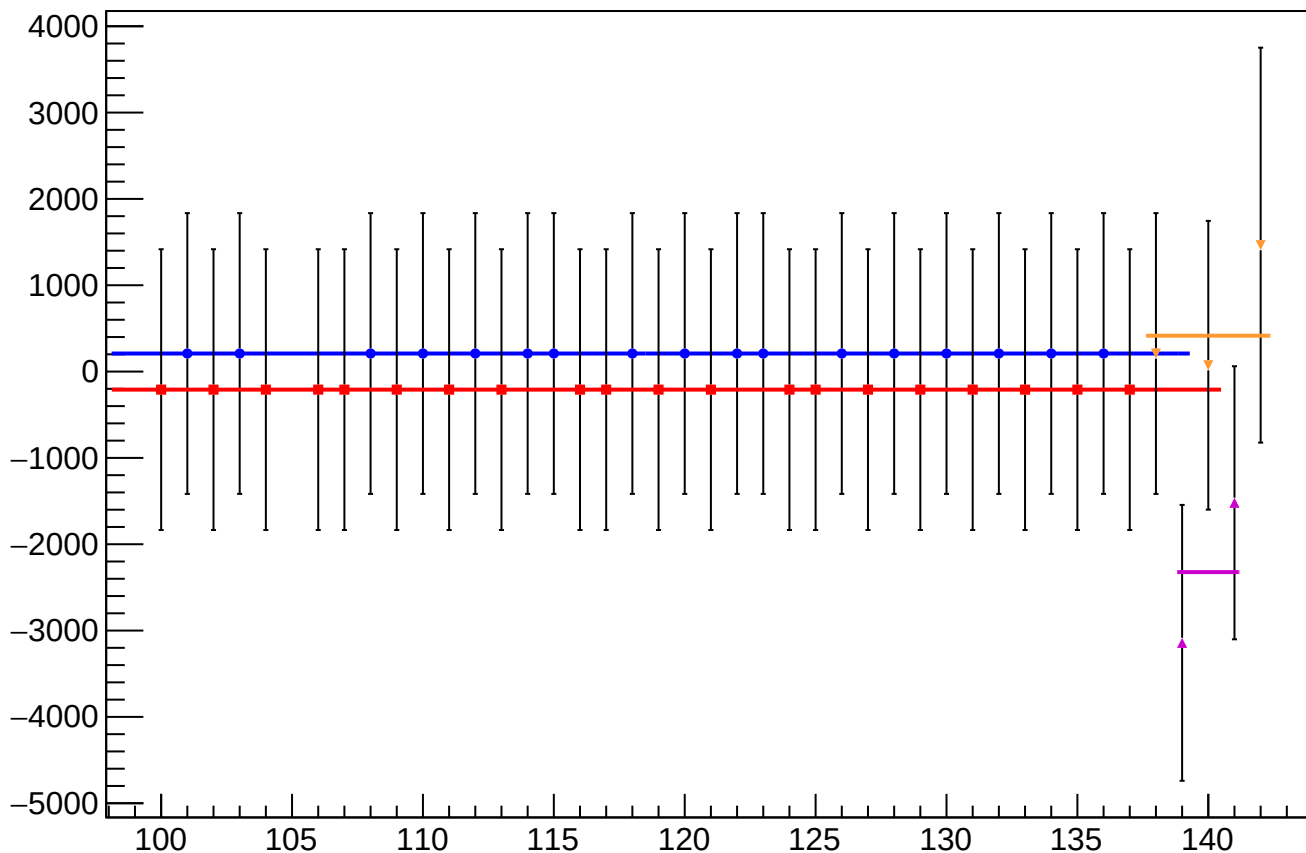
Left In: 391.912+/-0.218 χ^2/NDF :23761.7/1

293.238+/-0.055 χ^2/NDF : 291022.6/19

293.260+/-0.038 χ^2/NDF : 532467.6/41

293.279+/-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: 415.520 $\pm$ 1038.706 χ^2 /NDF: 0.3/2

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

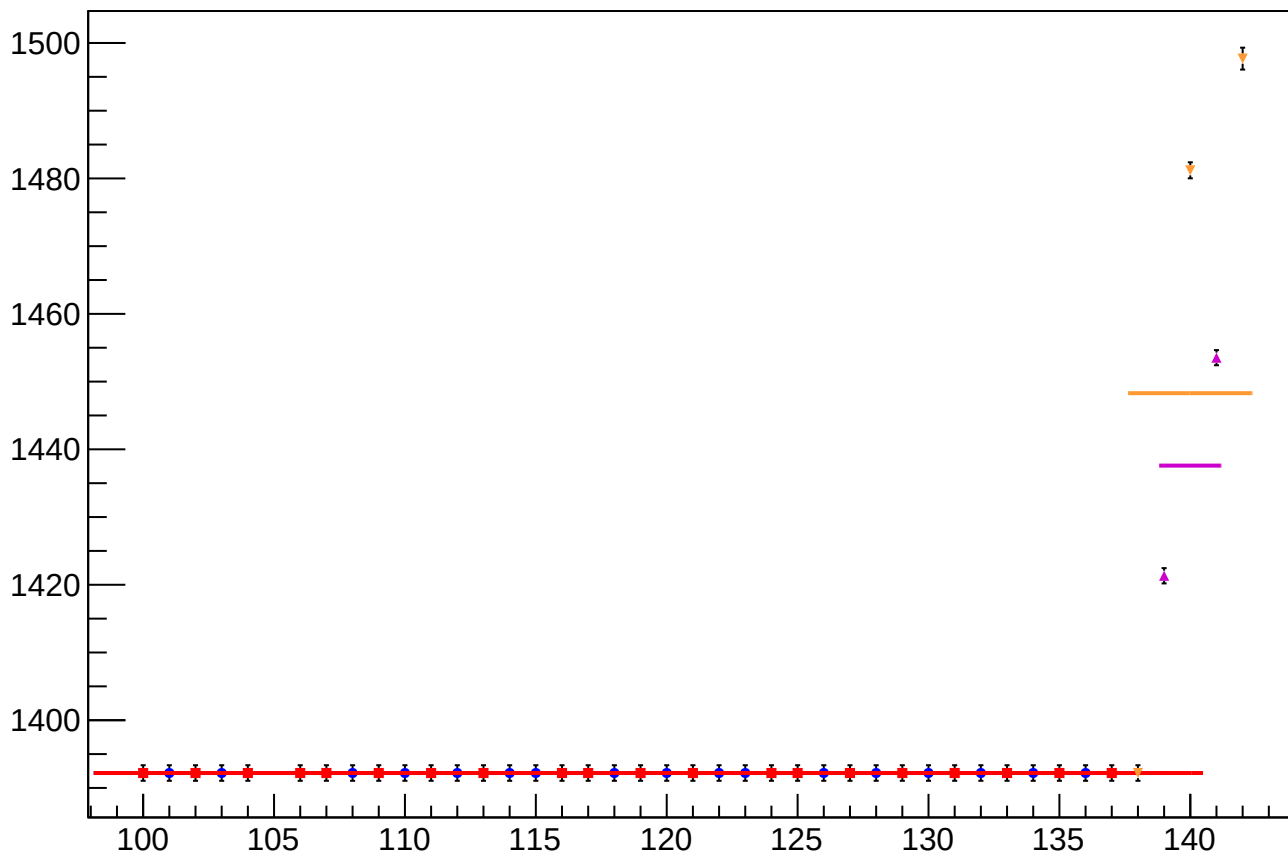
Left In: -2322.737 $\pm$ 1124.055 χ^2 /NDF: 0.5/1

235.122 $\pm$ 368.716 χ^2 /NDF: 0.3/19

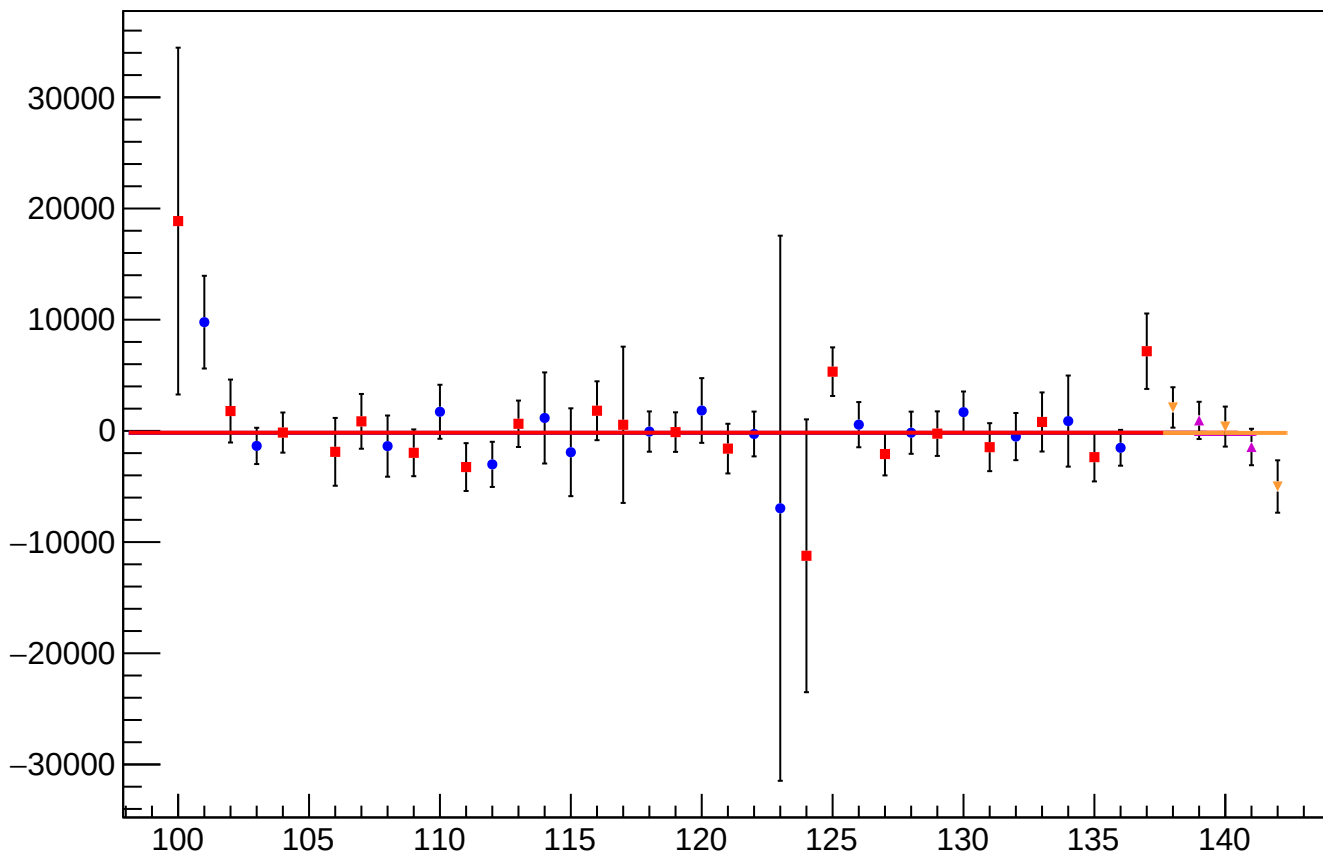
-107.602 $\pm$ 252.296 χ^2 /NDF: 5.6/41

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

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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: -181.617+/-1123.976 χ^2/NDF : 5.9/2

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

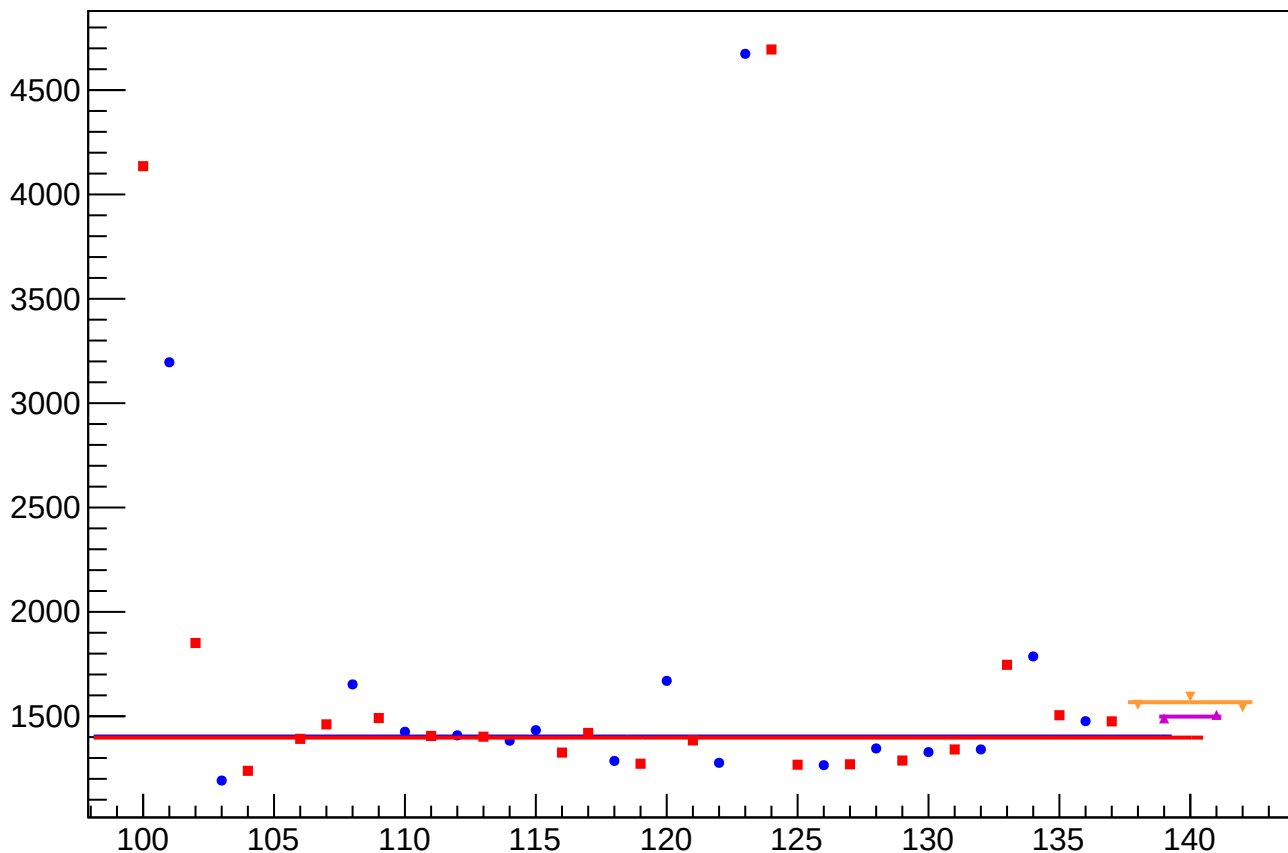
Left In: -277.812+/-1171.596 χ^2/NDF : 1.0/1

-176.168+/-497.392 χ^2/NDF : 17.6/19

-178.707+/-348.813 χ^2/NDF : 39.4/41

-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+/-0.392 χ^2/NDF : 526326.4/16

Left Out: 1567.105+/-0.795 χ^2/NDF : 726.8/2

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

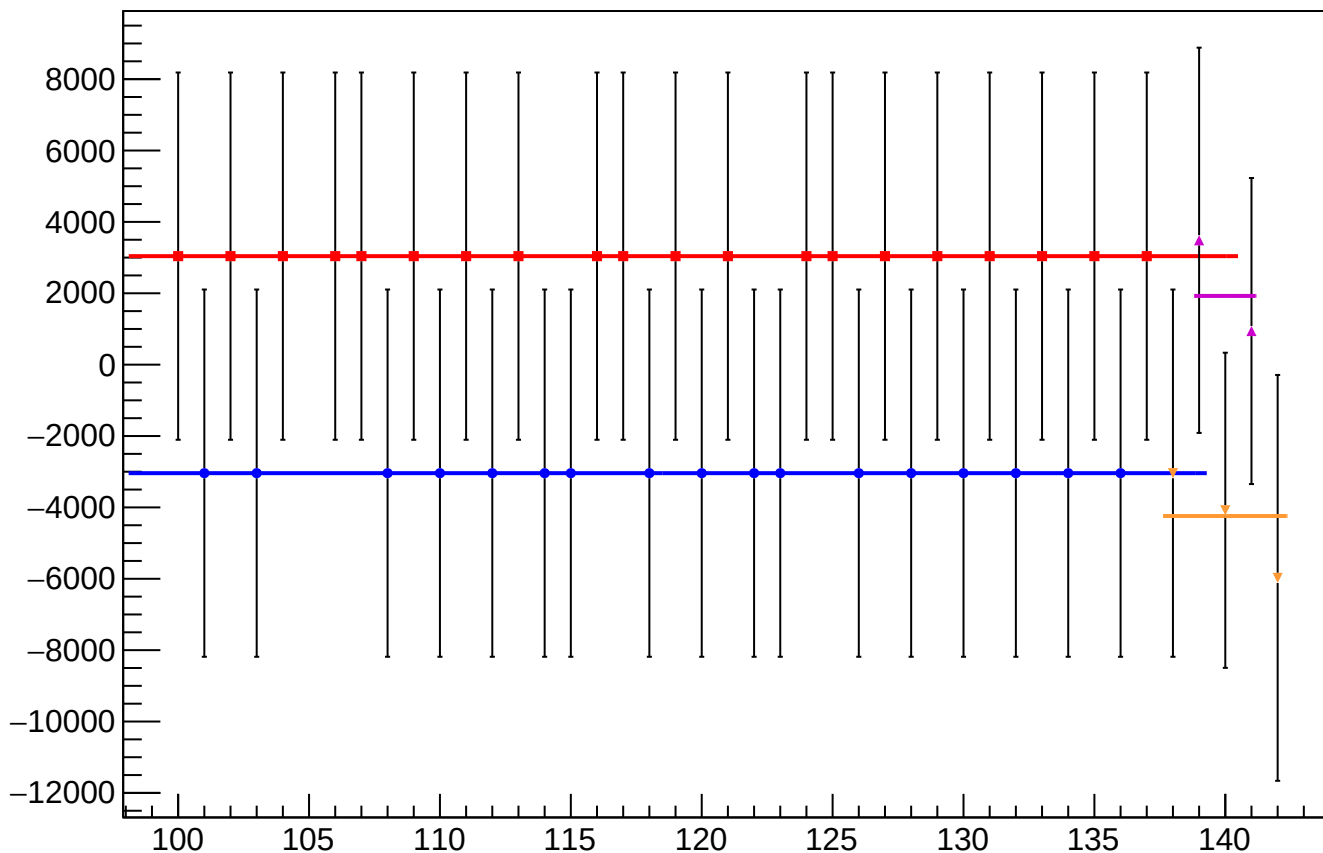
Left In: 1498.326+/-0.828 χ^2/NDF : 102.8/1

1434.903+/-0.352 χ^2/NDF : 561460.5/19

1424.850+/-0.247 χ^2/NDF : 928768.9/41

1415.131+/-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: -4241.416 $\pm$ 2886.691 χ^2 /NDF: 0.1/2

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

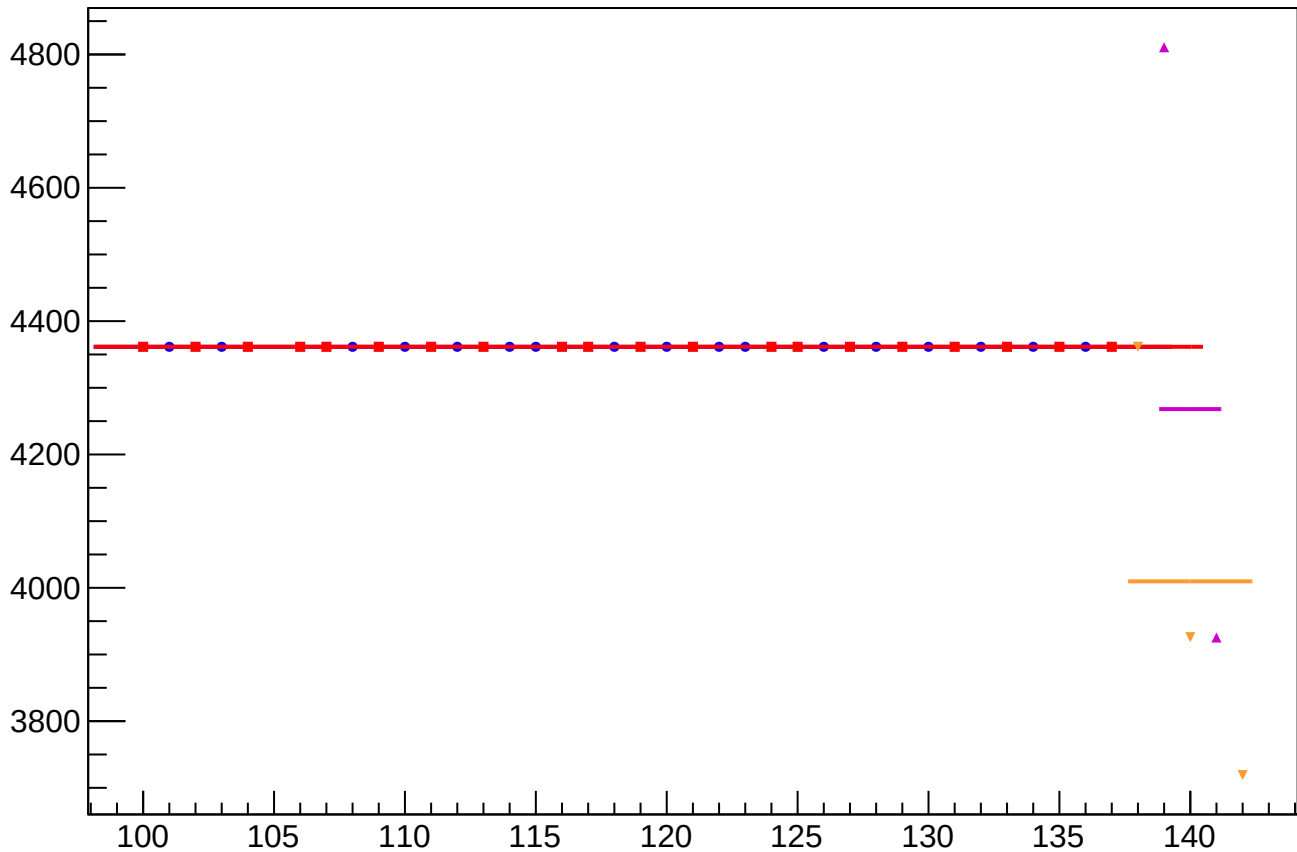
Left In: 1925.940 $\pm$ 3357.479 χ^2 /NDF: 0.1/1

-3229.523 $\pm$ 1145.480 χ^2 /NDF: 0.3/19

3.974 $\pm$ 789.026 χ^2 /NDF: 15.7/41

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: 4009.709+/-2.041 χ^2/NDF :15295.6/2

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

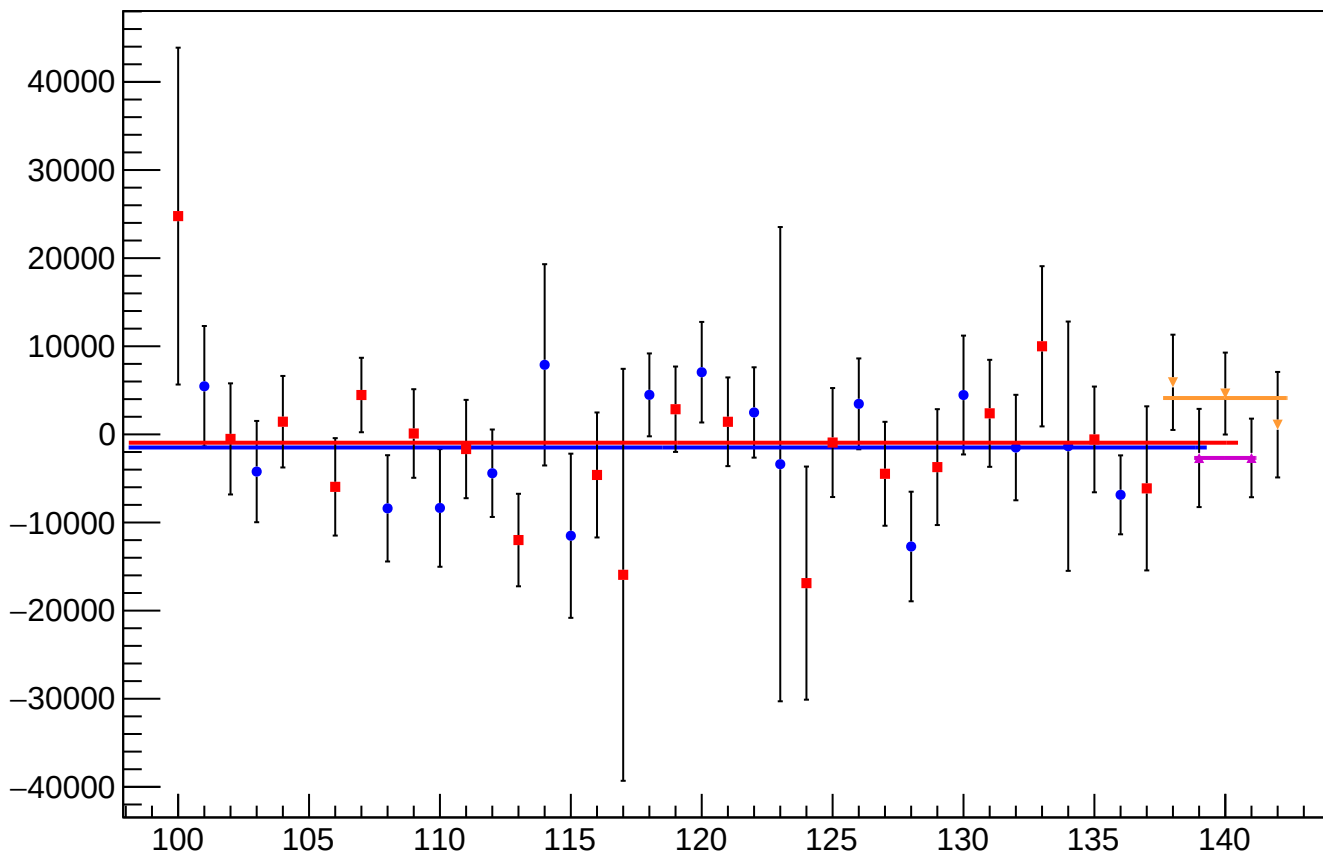
Left In: 4268.083+/-2.374 χ^2/NDF :32991.2/1

4306.118+/-0.810 χ^2/NDF : 40323.4/19

4330.070+/-0.558 χ^2/NDF : 76364.5/41

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 $\pm$ 1499.116 χ^2 /NDF: 16.7/16

Left Out: 4126.379 $\pm$ 3037.328 χ^2 /NDF:0.4/2

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

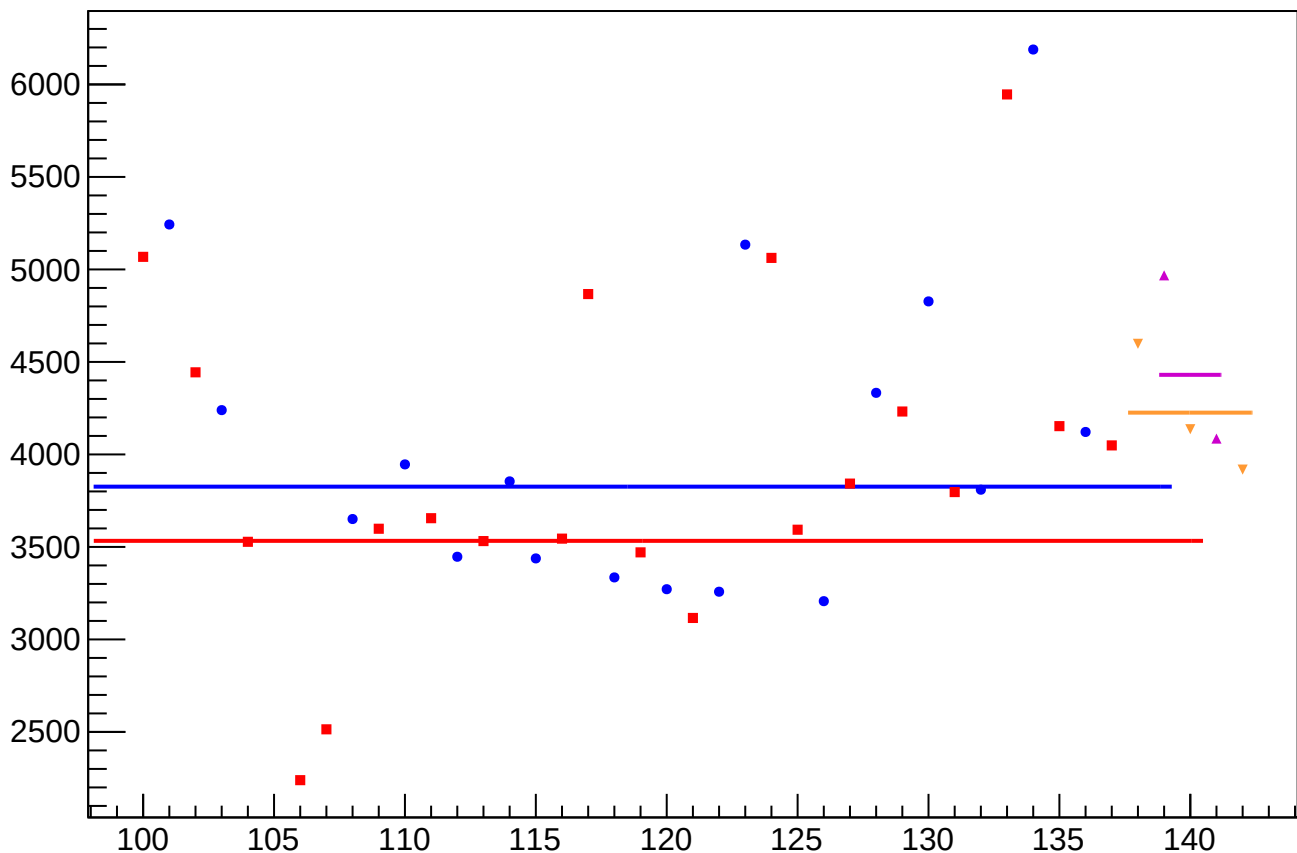
Left In: -2674.503 $\pm$ 3481.723 χ^2 /NDF:0.0/1

-387.445 $\pm$ 1344.293 χ^2 /NDF: 19.8/19

-803.060 $\pm$ 927.032 χ^2 /NDF: 34.7/41

-1179.932 $\pm$ 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: 4225.887+/-2.148 χ^2/NDF : 15506.6/2

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

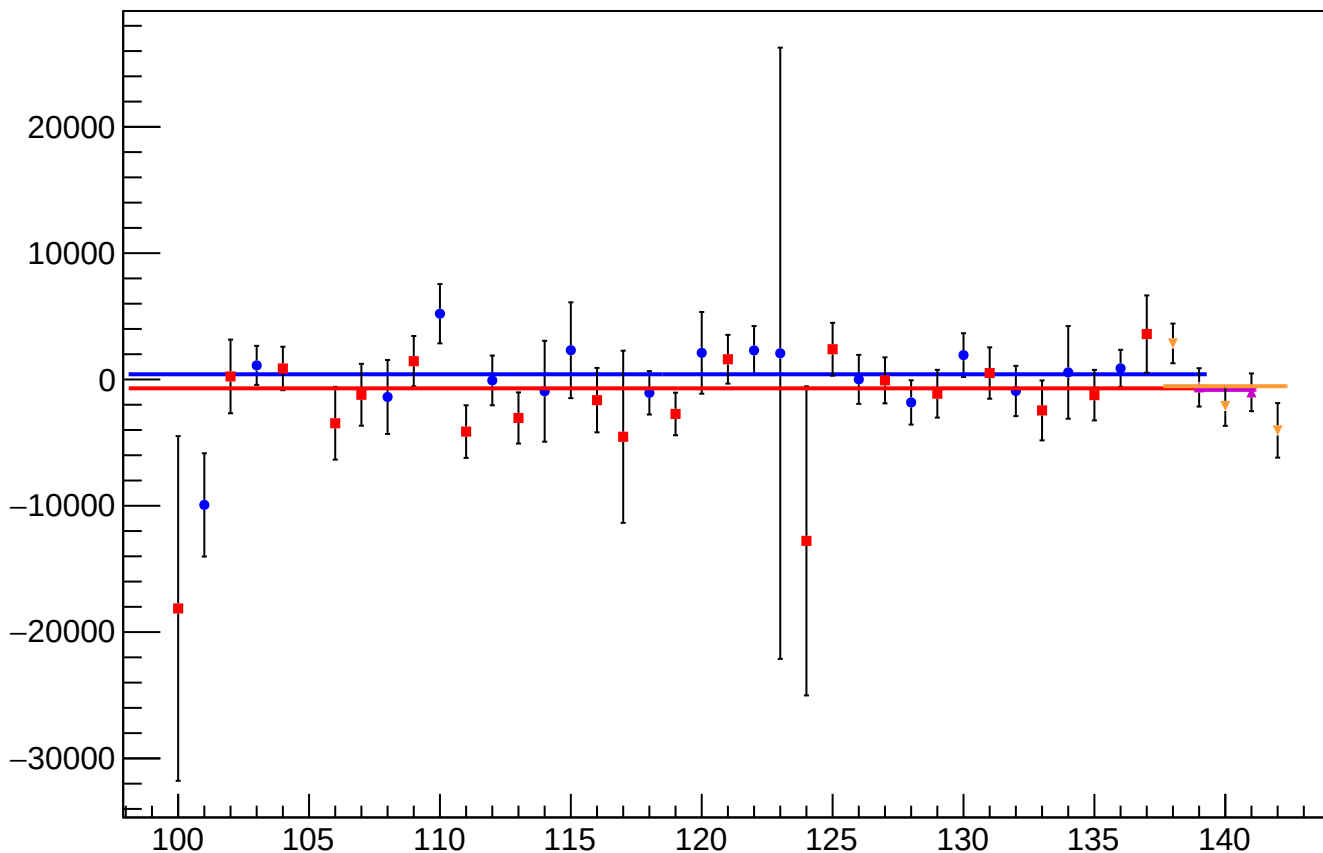
Left In: 4430.246+/-2.462 χ^2/NDF : 30571.6/1

3904.204+/-0.951 χ^2/NDF : 377809.6/19

3771.085+/-0.653 χ^2/NDF : 1122637.6/41

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: -533.301+/-988.639 χ^2/NDF : 8.3/2

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

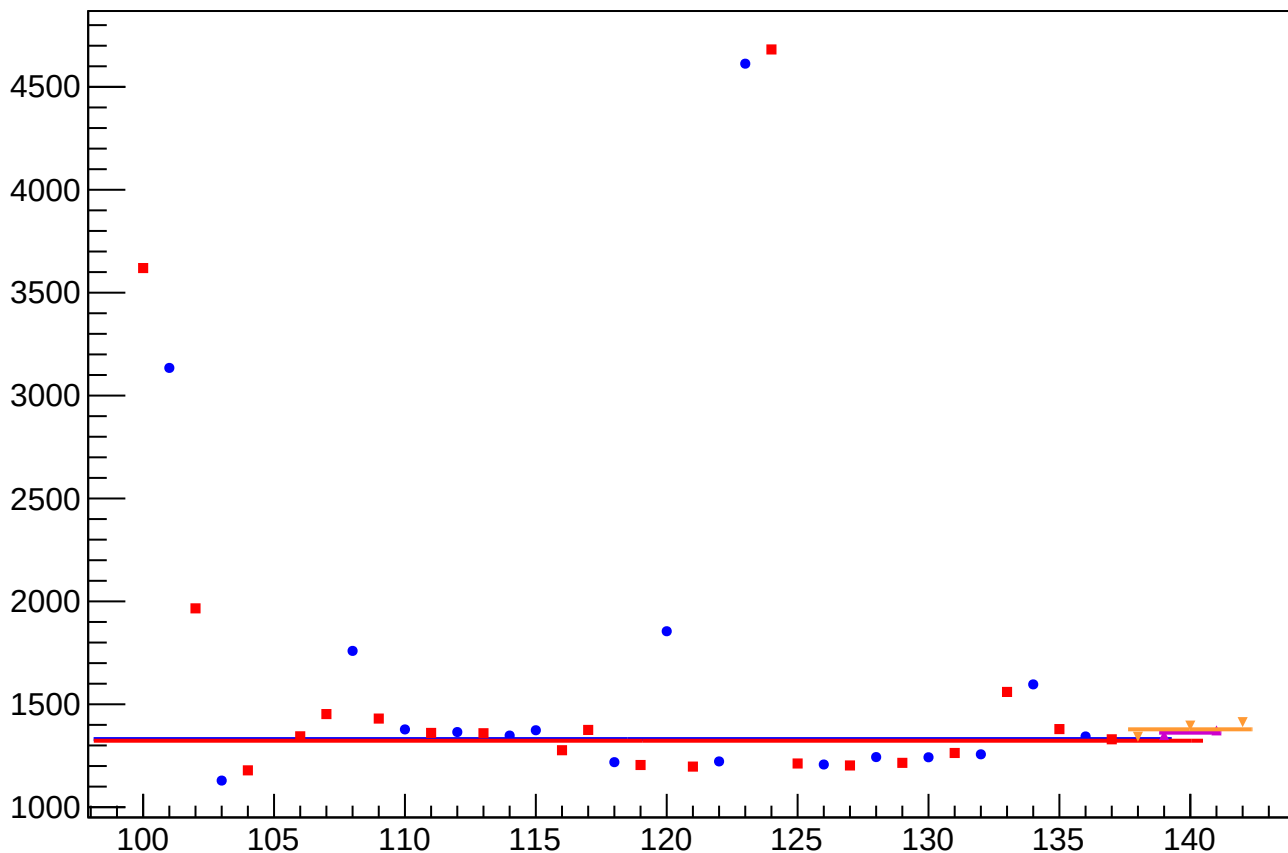
Left In: -824.724+/-1064.823 χ^2/NDF : 0.0/1

201.771+/-465.727 χ^2/NDF : 25.5/19

-268.878+/-326.937 χ^2/NDF : 45.9/41

-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 $\pm$ 0.373 χ^2 /NDF: 603474.5/16

Left Out: 1378.401 $\pm$ 0.699 χ^2 /NDF:1832.6/2

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

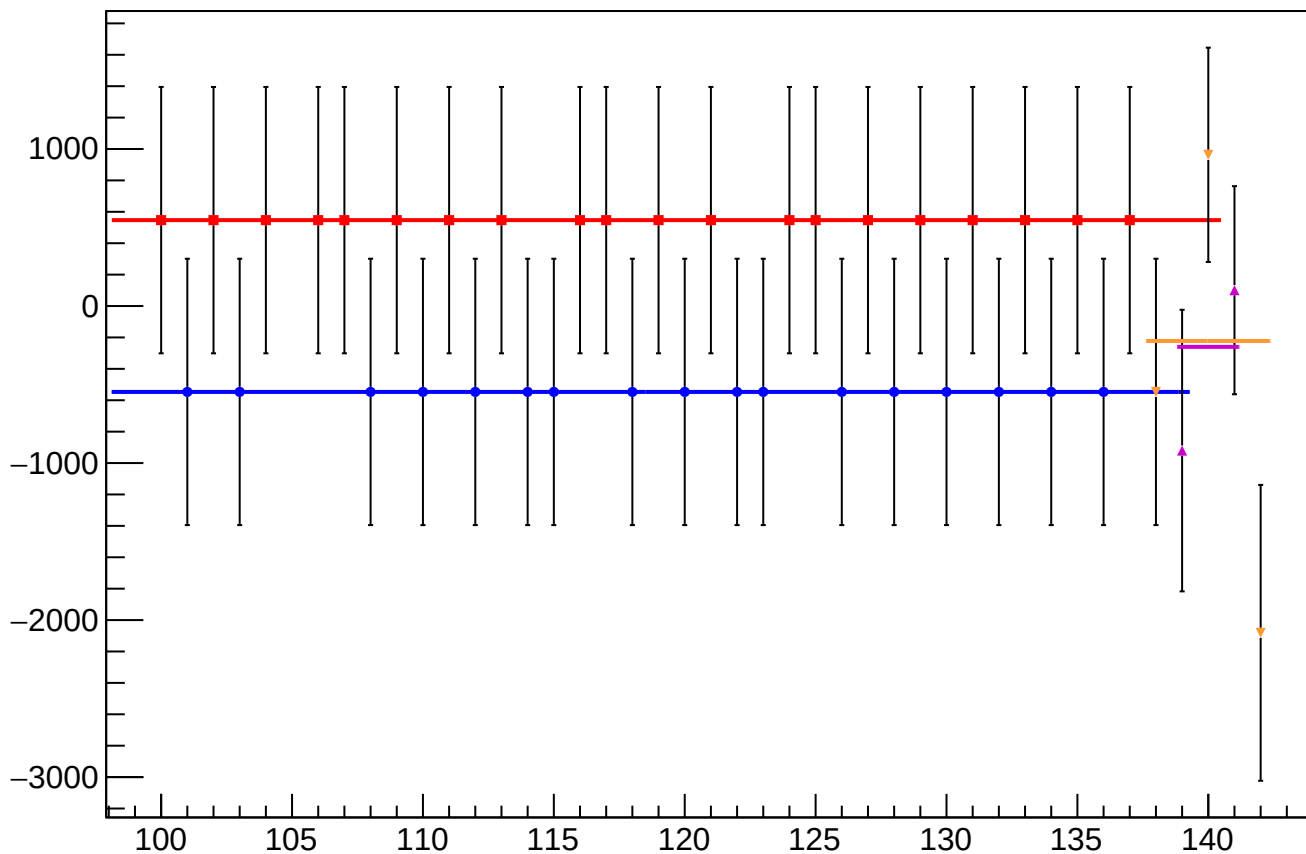
Left In: 1362.088 $\pm$ 0.753 χ^2 /NDF:226.3/1

1341.433 $\pm$ 0.329 χ^2 /NDF: 608901.1/19

1335.768 $\pm$ 0.231 χ^2 /NDF: 1006437.4/41

1330.264 $\pm$ 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: -222.625 $\pm$ 463.081 χ^2/NDF : 7.1/2

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

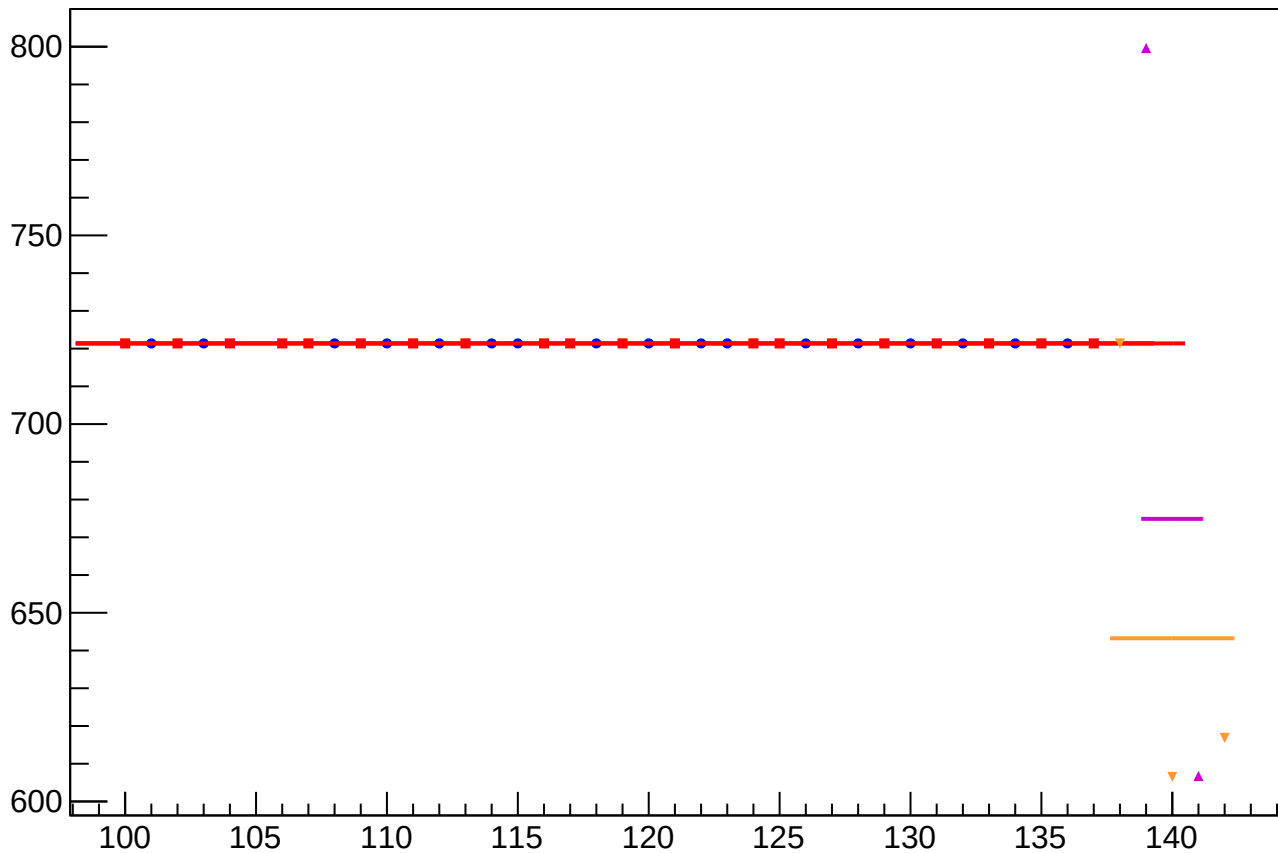
Left In: -260.072 $\pm$ 532.937 χ^2/NDF : 0.8/1

-493.537 $\pm$ 187.996 χ^2/NDF : 7.5/19

5.490 $\pm$ 129.513 χ^2/NDF : 23.7/41

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 $\pm$ 0.145 χ^2 /NDF: 0.0/16

Left Out: 643.239 $\pm$ 0.327 χ^2 /NDF:24344.0/2

Right Out: 721.380 $\pm$ 0.134 χ^2 /NDF: 0.0/19

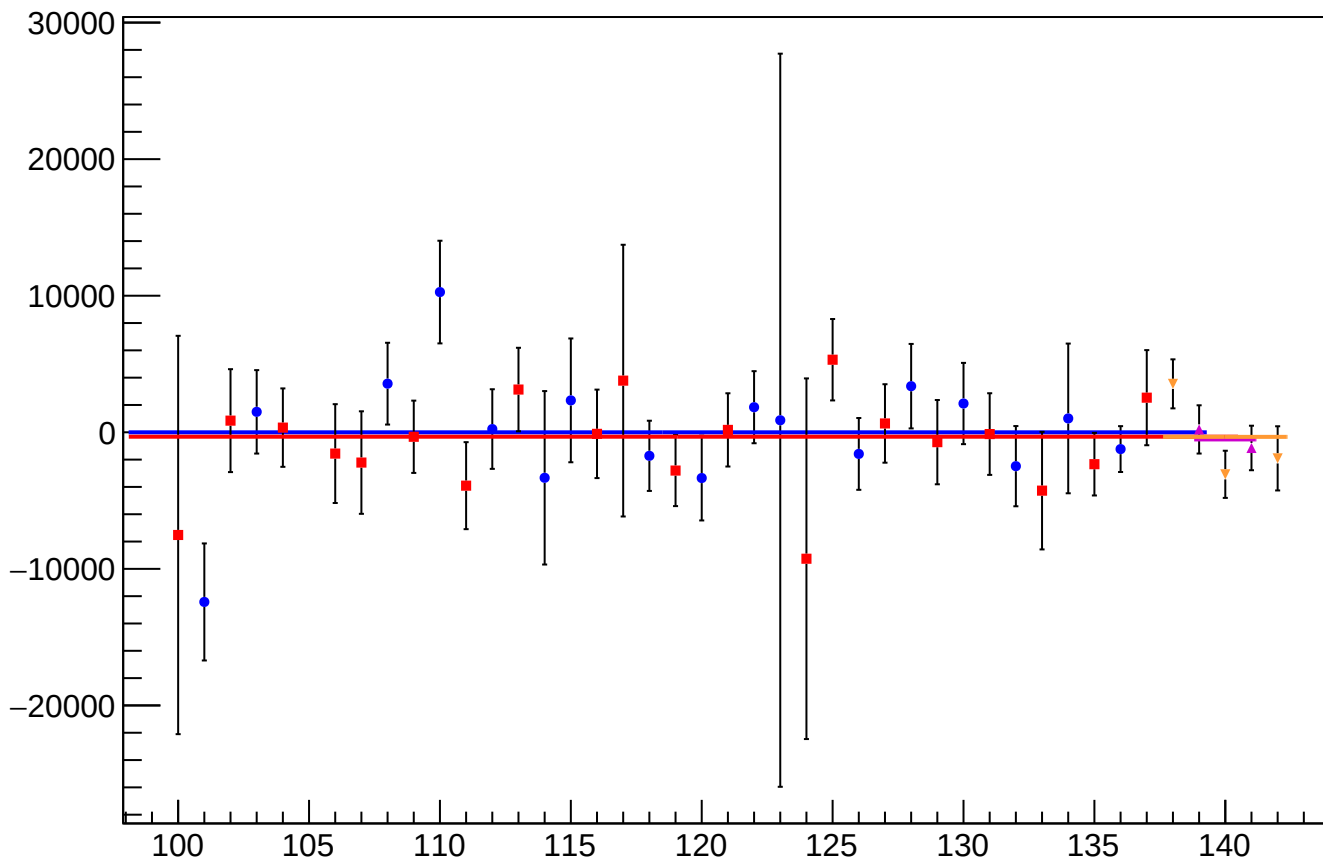
Left In: 674.890 $\pm$ 0.377 χ^2 /NDF:59862.5/1

708.502 $\pm$ 0.133 χ^2 /NDF: 71906.7/19

712.523 $\pm$ 0.092 χ^2 /NDF: 147019.0/41

716.155 $\pm$ 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: -335.111+/-1099.601 χ^2/NDF : 7.6/2

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

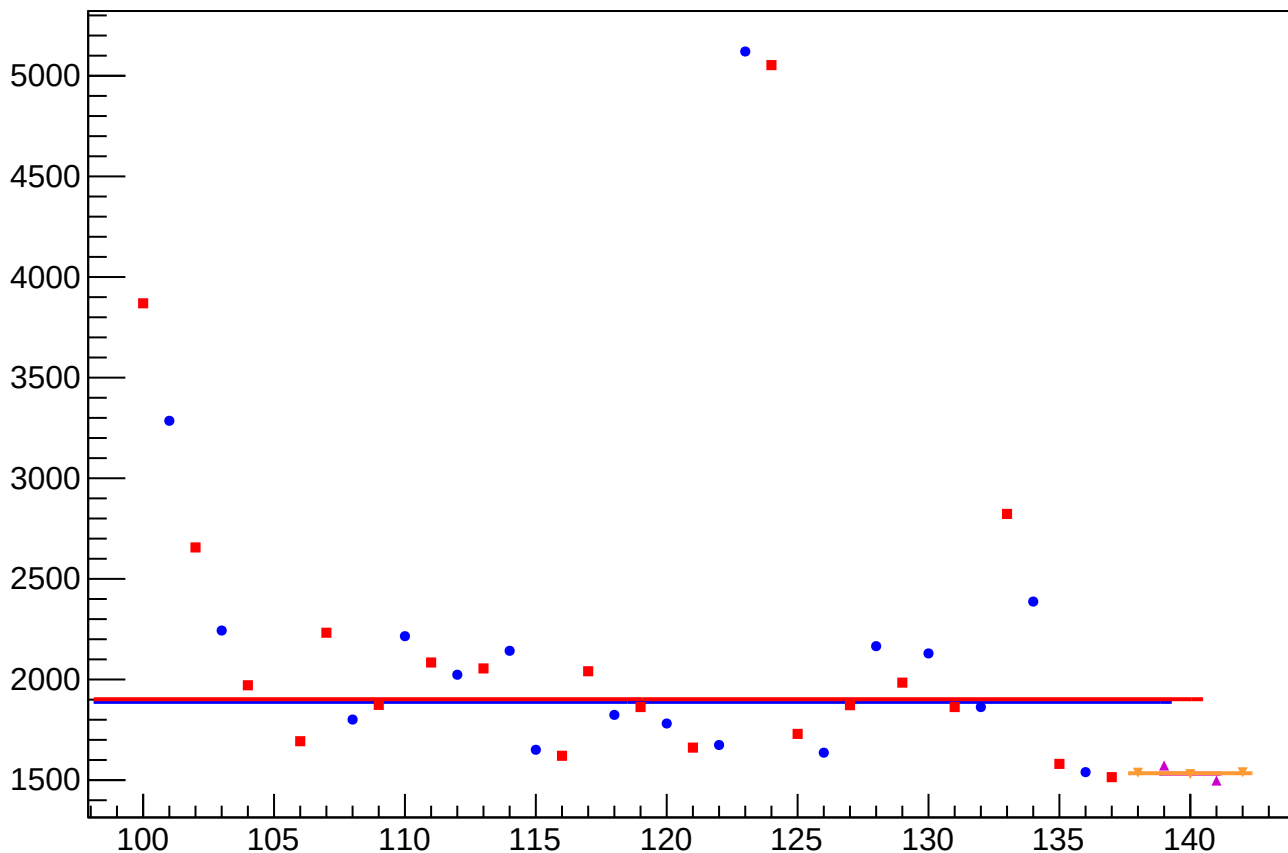
Left In: -523.170+/-1197.843 χ^2/NDF : 0.3/1

-106.953+/-616.806 χ^2/NDF : 31.2/19

-240.445+/-438.822 χ^2/NDF : 42.5/41

-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+/-0.527 χ^2/NDF : 465842.8/16

Left Out: 1534.217+/-0.778 χ^2/NDF : 23.7/2

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

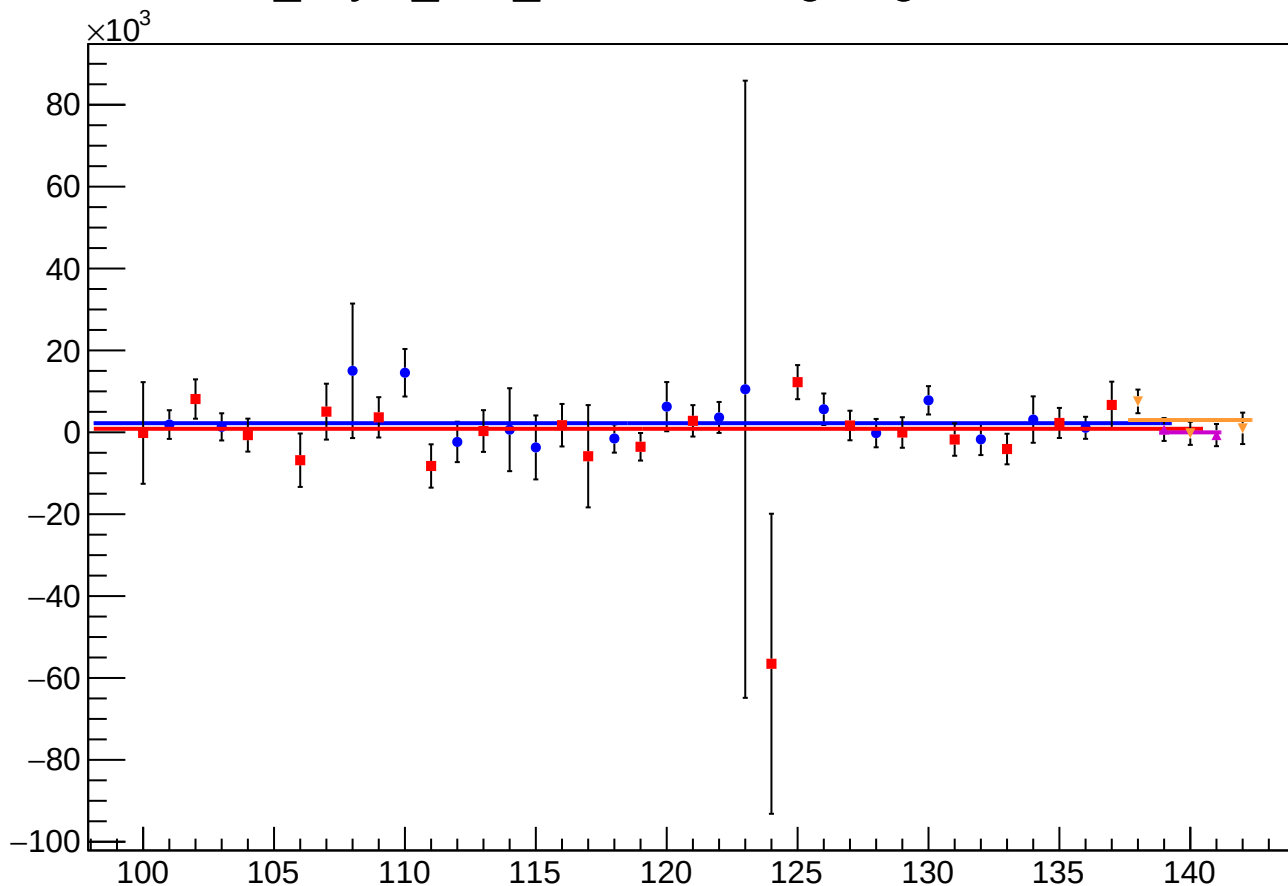
Left In: 1532.177+/-0.847 χ^2/NDF : 1940.8/1

1777.239+/-0.436 χ^2/NDF : 608405.9/19

1789.222+/-0.310 χ^2/NDF : 1212529.8/41

1801.503+/-0.442 χ^2/NDF : 602595.5/21

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 3000.446 $\pm$ 1785.686 χ^2/NDF : 4.1/2

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

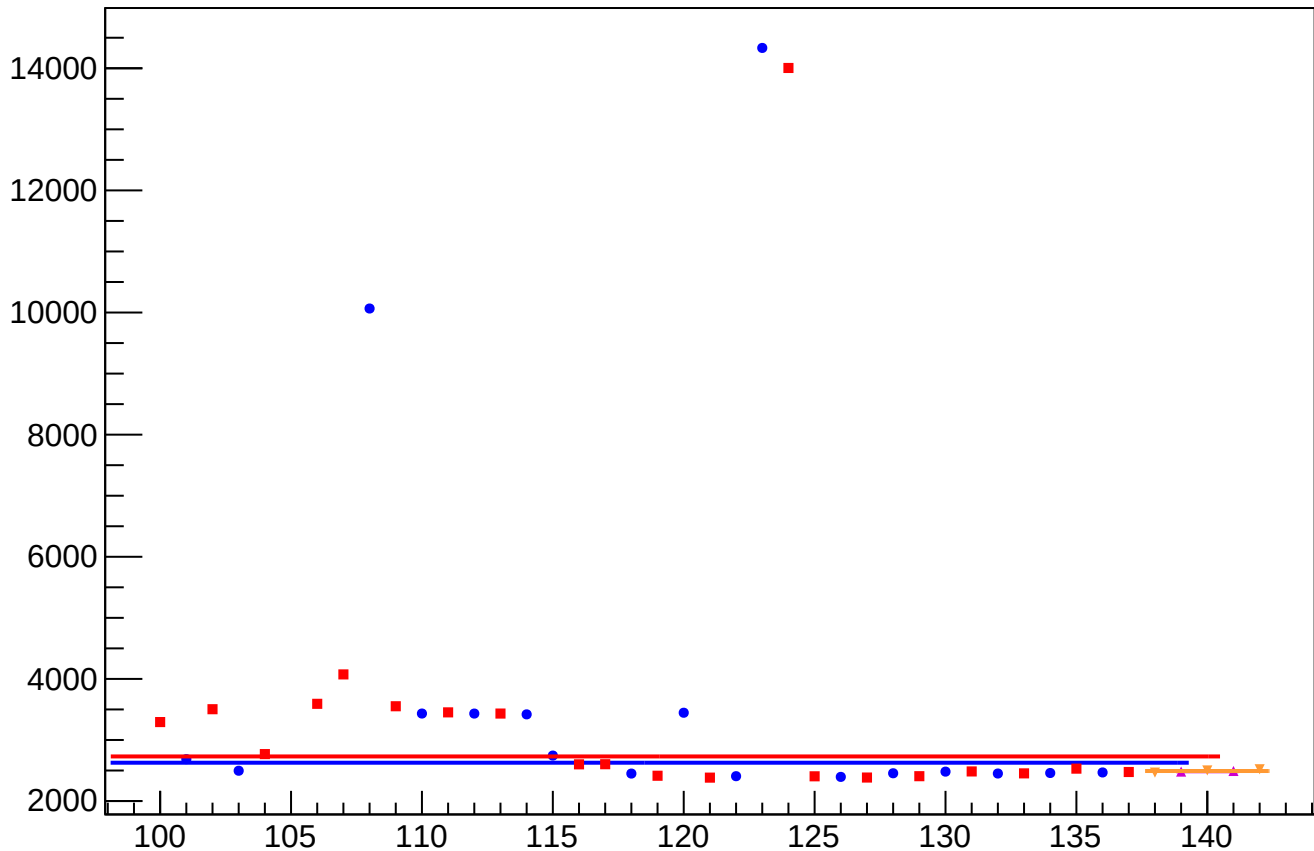
Left In: -13.584 $\pm$ 1944.738 χ^2/NDF : 0.1/1

2423.089 $\pm$ 898.232 χ^2/NDF : 17.8/19

1564.606 $\pm$ 642.466 χ^2/NDF : 43.1/41

665.371 $\pm$ 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: 2491.791+/-1.263 χ^2/NDF : 297.2/2

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

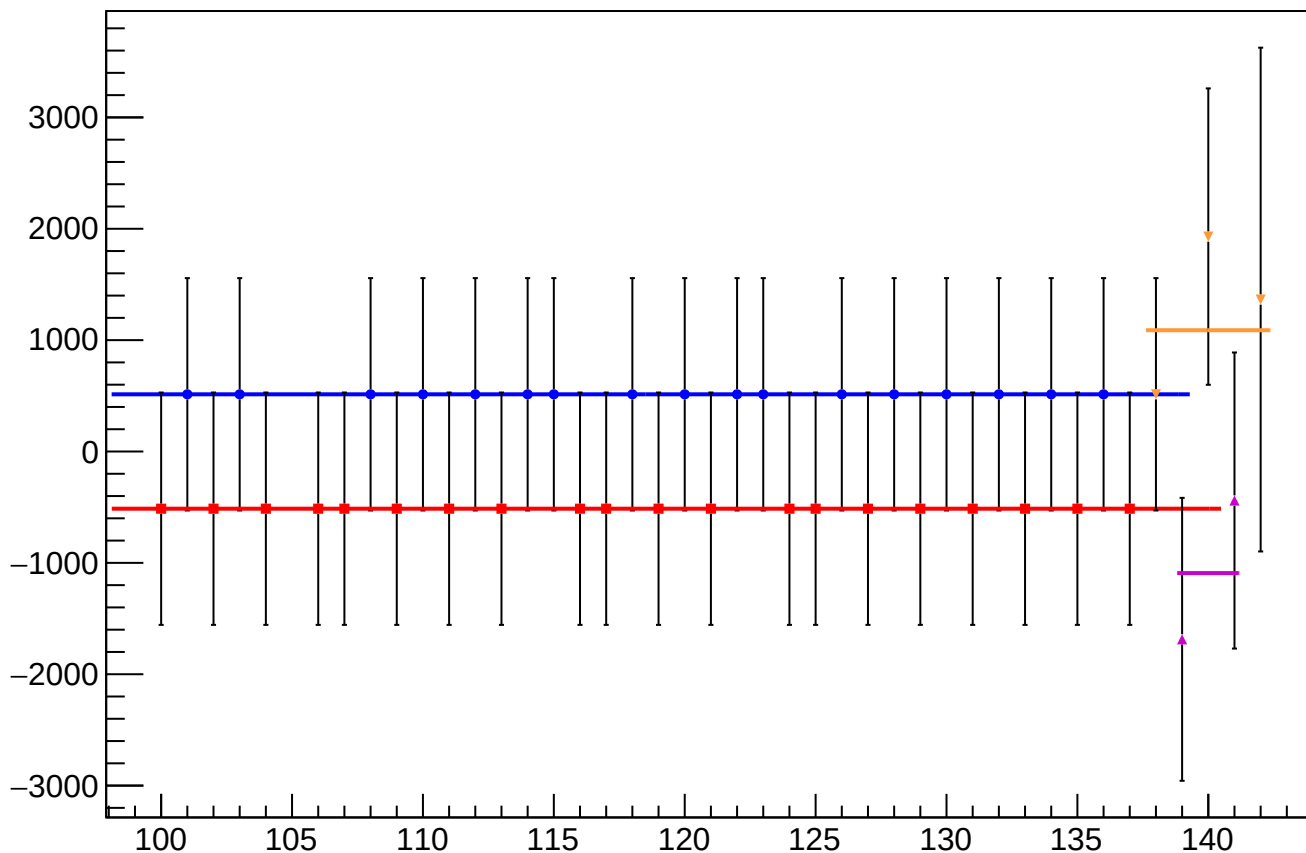
Left In: 2487.657+/-1.375 χ^2/NDF : 13.4/1

2593.214+/-0.635 χ^2/NDF : 653331.4/19

2633.715+/-0.454 χ^2/NDF : 1284279.5/41

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: 1088.992 $\pm$ 771.766 χ^2 /NDF: 0.7/2

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

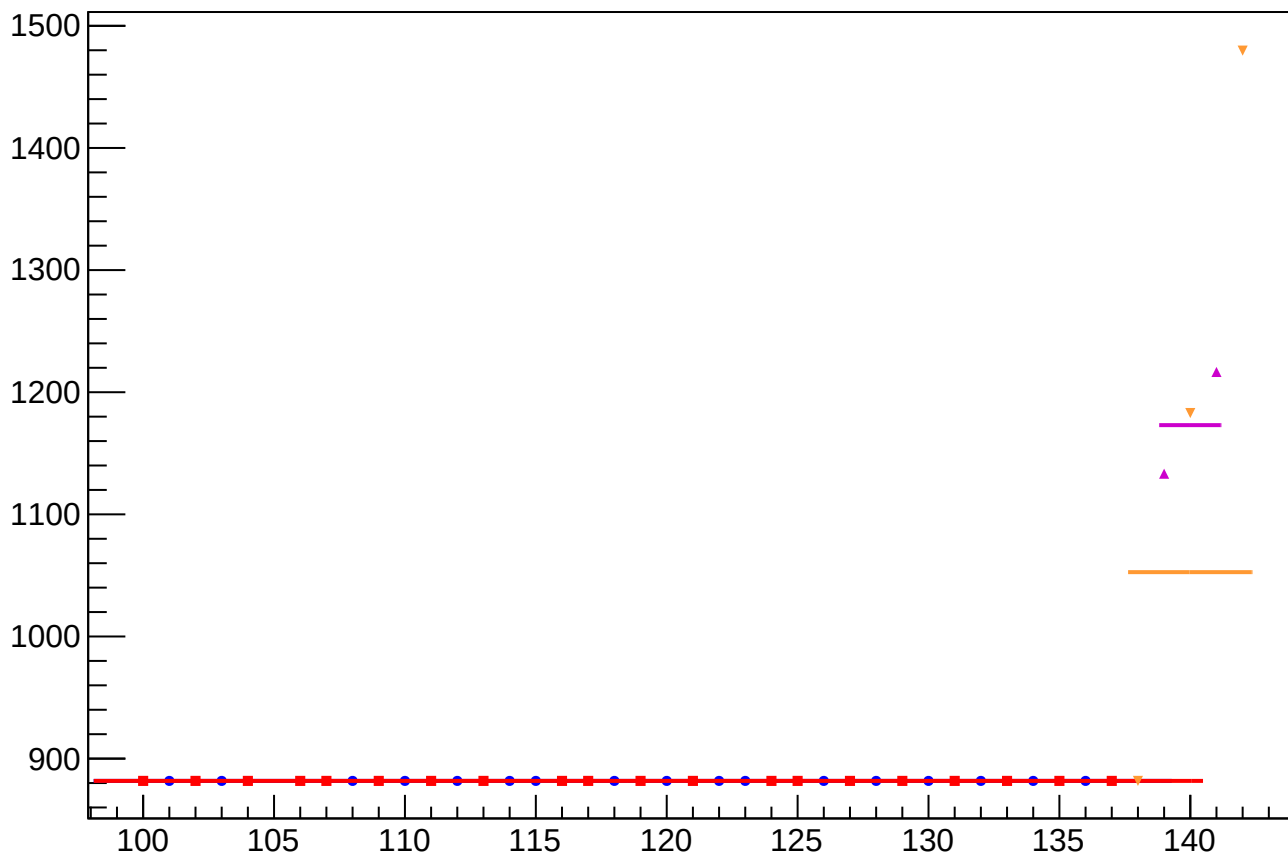
Left In: -1091.664 $\pm$ 918.390 χ^2 /NDF: 0.5/1

569.409 $\pm$ 240.442 χ^2 /NDF: 1.2/19

-23.915 $\pm$ 164.716 χ^2 /NDF: 13.5/41

-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: 1052.682+/-0.546 χ^2/NDF :144134.2/2

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

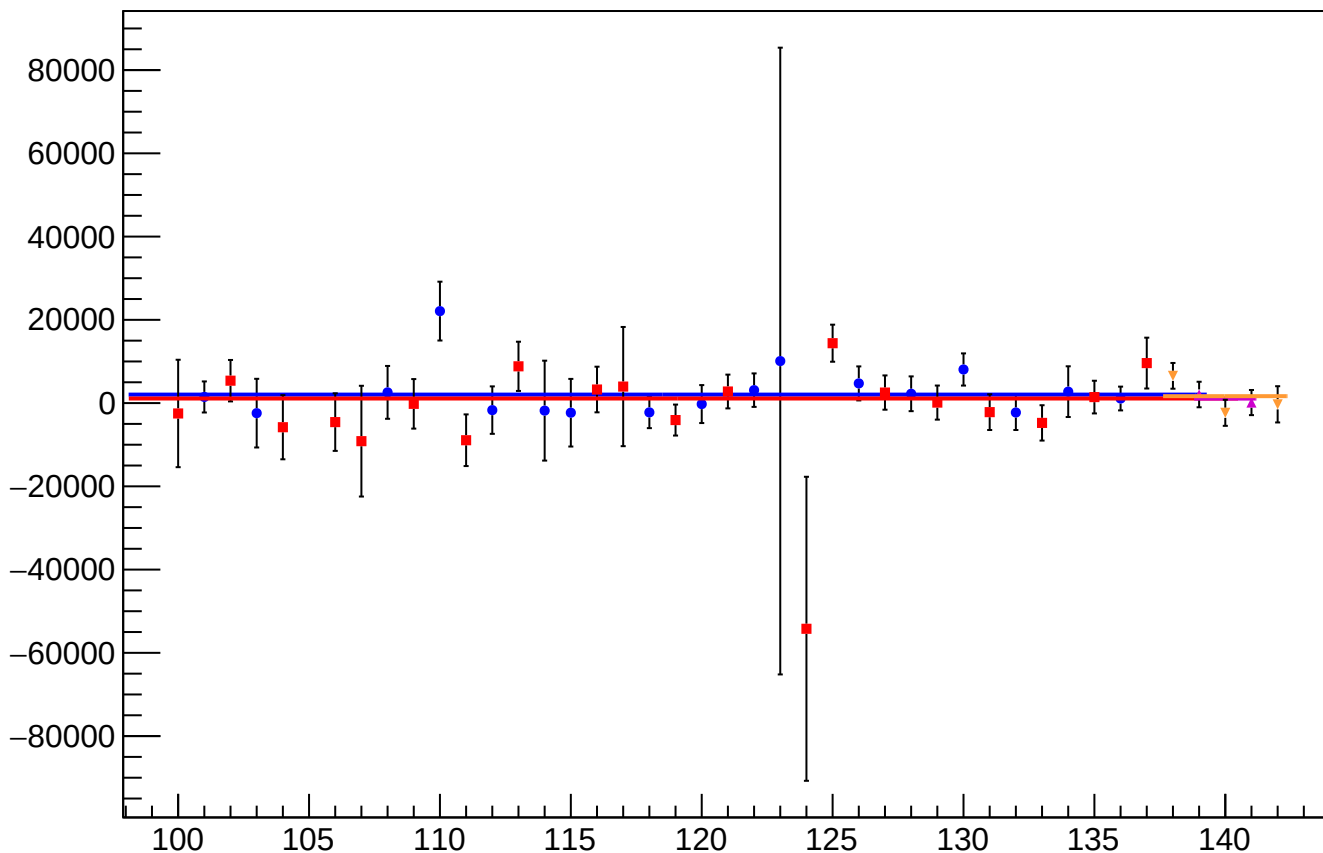
Left In: 1173.052+/-0.649 χ^2/NDF :4106.4/1

898.346+/-0.170 χ^2/NDF : 232714.1/19

898.912+/-0.116 χ^2/NDF : 425853.0/41

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: 1661.744+/-1964.478 χ^2/NDF : 4.3/2

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

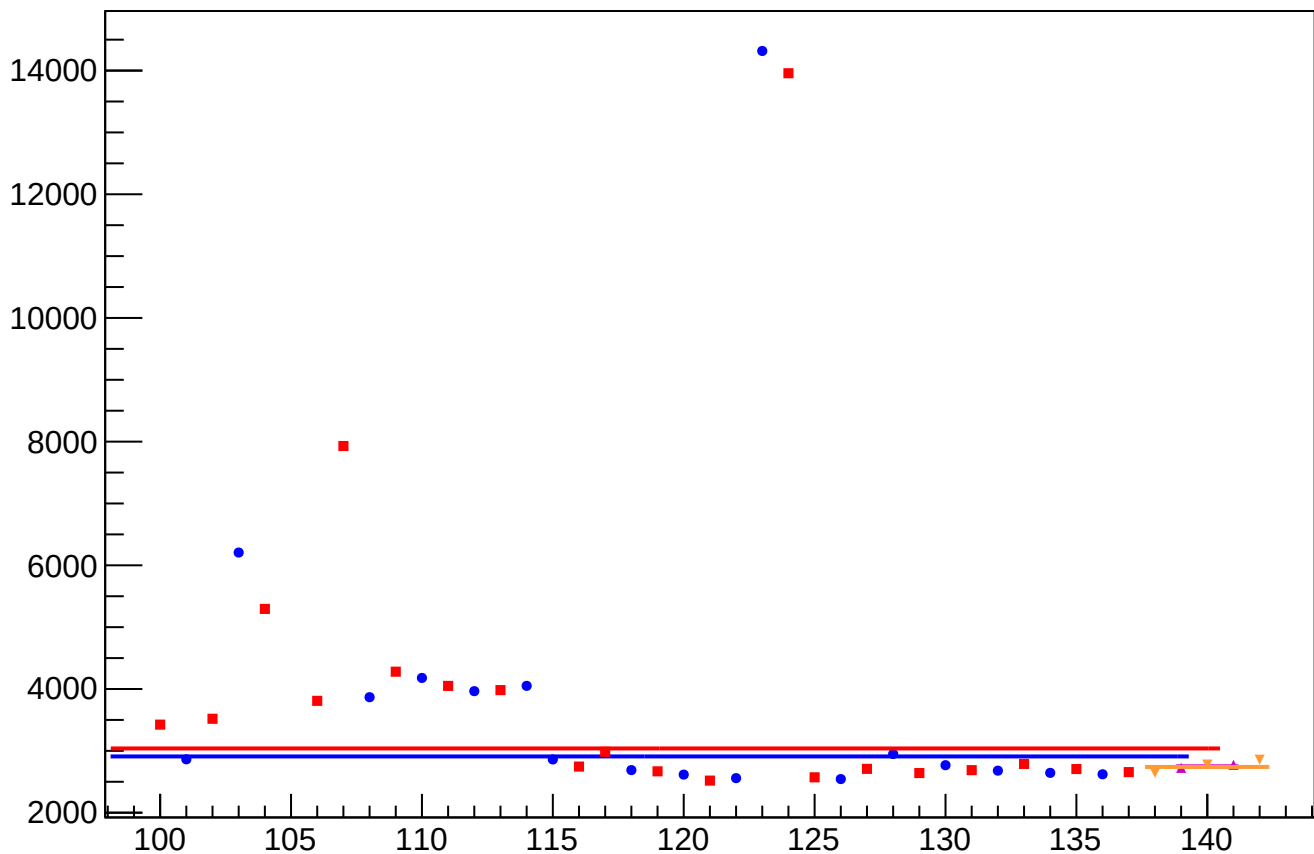
Left In: 1079.210+/-2151.236 χ^2/NDF : 0.2/1

1941.646+/-993.365 χ^2/NDF : 19.2/19

1536.261+/-717.126 χ^2/NDF : 45.1/41

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: 2739.876+/-1.389 χ^2/NDF : 3672.5/2

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

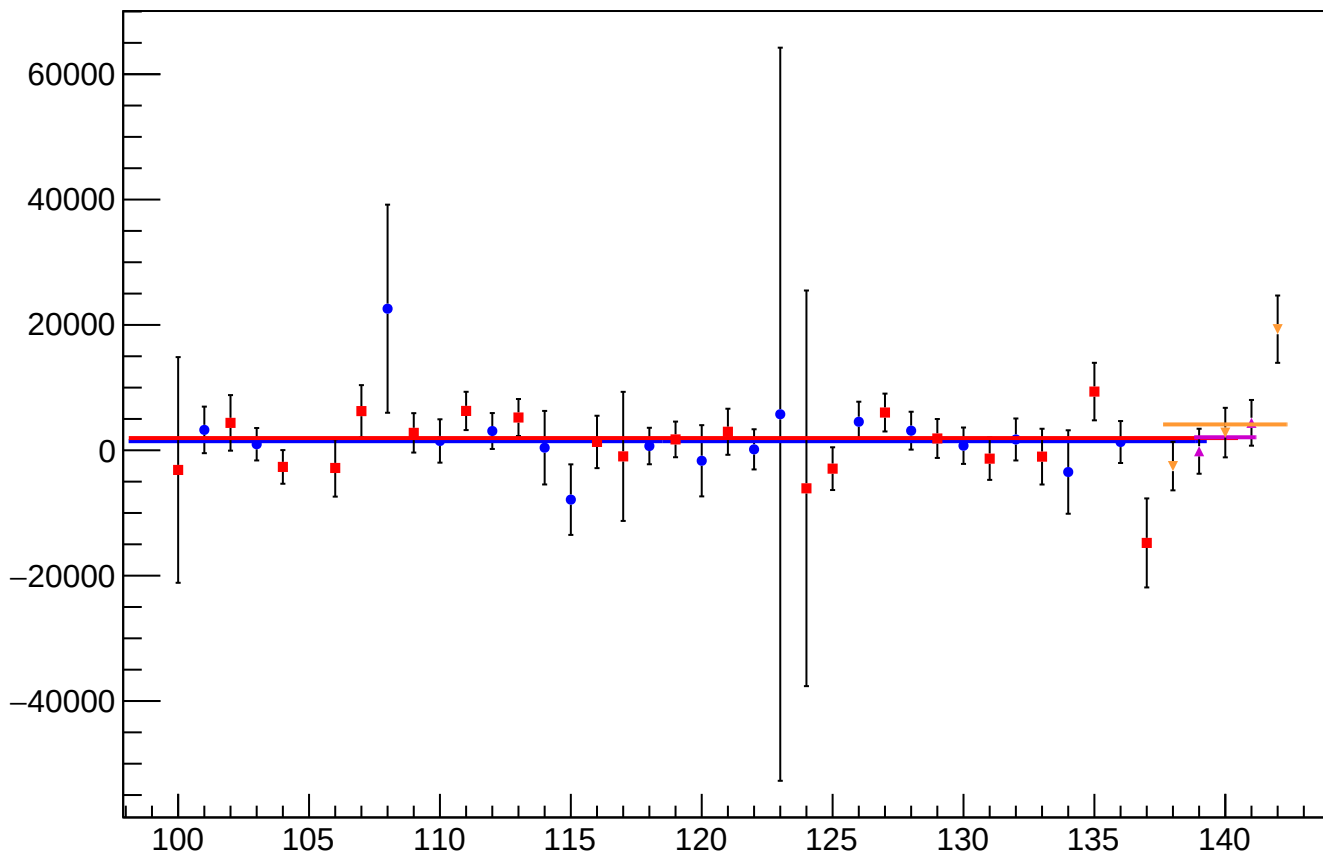
Left In: 2750.118+/-1.521 χ^2/NDF : 263.5/1

2866.301+/-0.702 χ^2/NDF : 656696.1/19

2916.798+/-0.507 χ^2/NDF : 1706735.4/41

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

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 4125.795 $\pm$ 2458.278 χ^2/NDF : 11.1/2

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

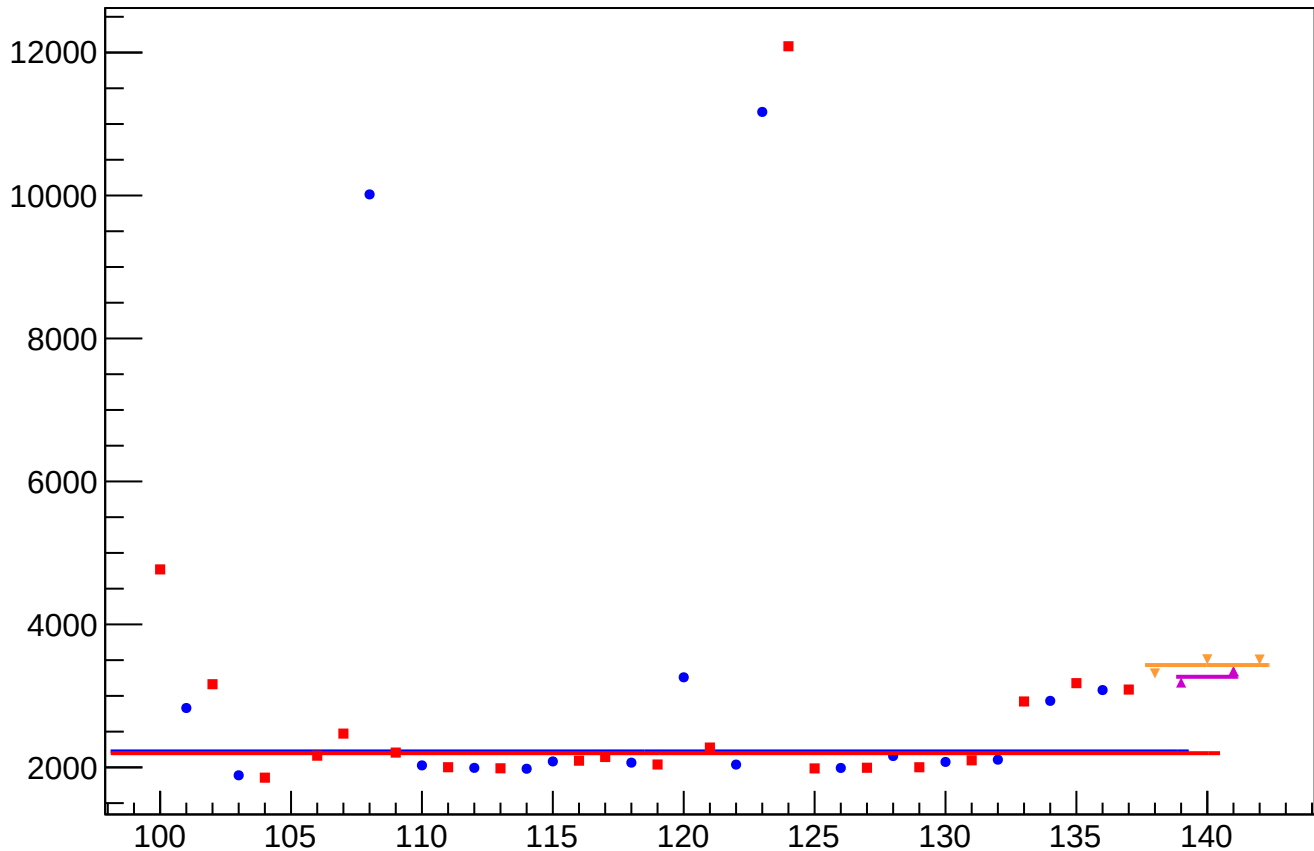
Left In: 2077.859 $\pm$ 2557.888 χ^2/NDF : 0.8/1

1761.224 $\pm$ 836.019 χ^2/NDF : 19.5/19

1865.446 $\pm$ 579.720 χ^2/NDF : 42.8/41

1961.976 $\pm$ 804.581 χ^2/NDF : 23.3/21

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 3431.341+/-1.738 χ^2/NDF : 3063.2/2

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

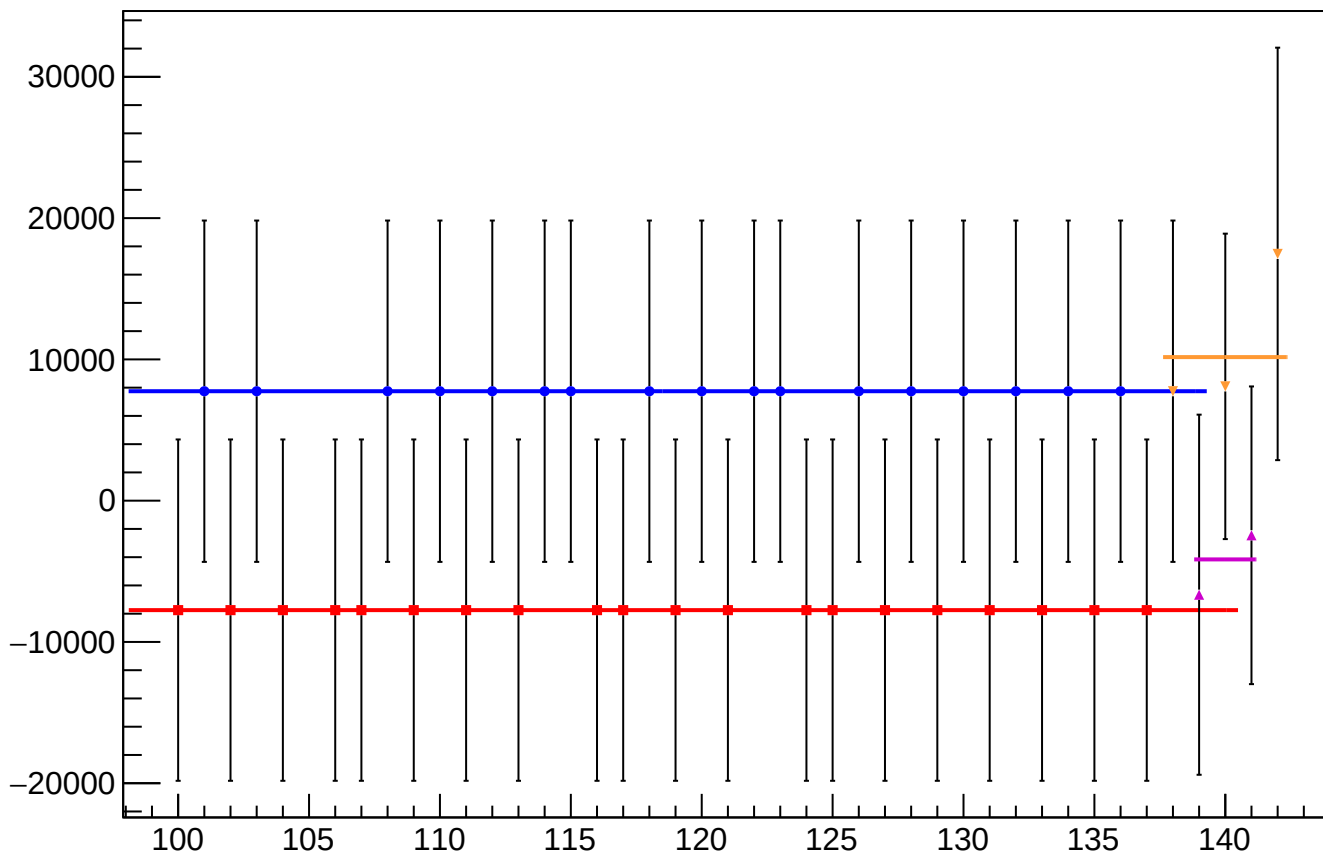
Left In: 3267.294+/-1.809 χ^2/NDF : 2049.0/1

2362.869+/-0.591 χ^2/NDF : 1280594.0/19

2332.296+/-0.410 χ^2/NDF : 2205006.0/41

2304.017+/-0.569 χ^2/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: 10162.522 $\pm$ 7053.152 χ^2 /NDF: 0.3/2

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

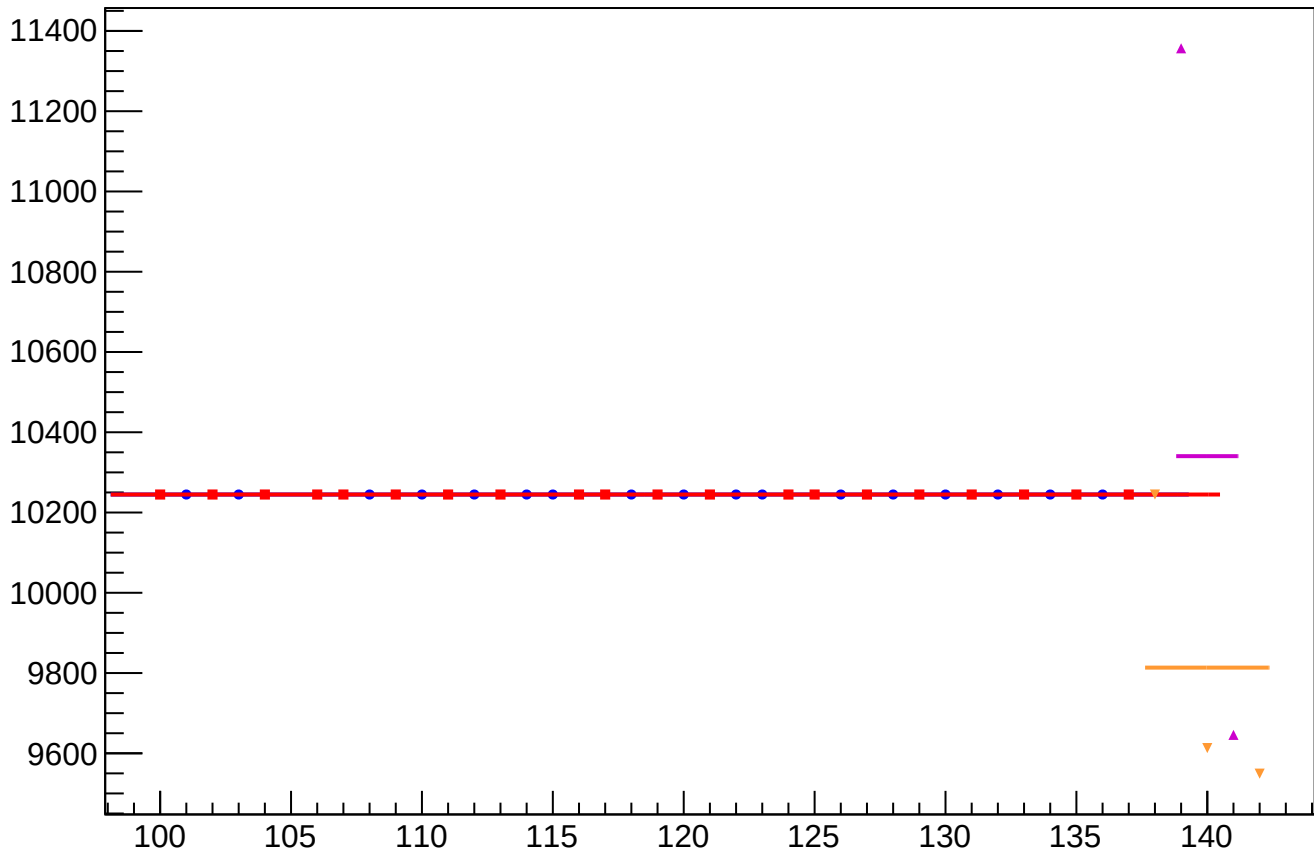
Left In: -4157.984 $\pm$ 8120.466 χ^2 /NDF: 0.1/1

8103.134 $\pm$ 2705.848 χ^2 /NDF: 0.4/19

-62.428 $\pm$ 1860.864 χ^2 /NDF: 17.9/41

-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: 9813.514+/-4.987 χ^2 /NDF: 3892.6/2

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

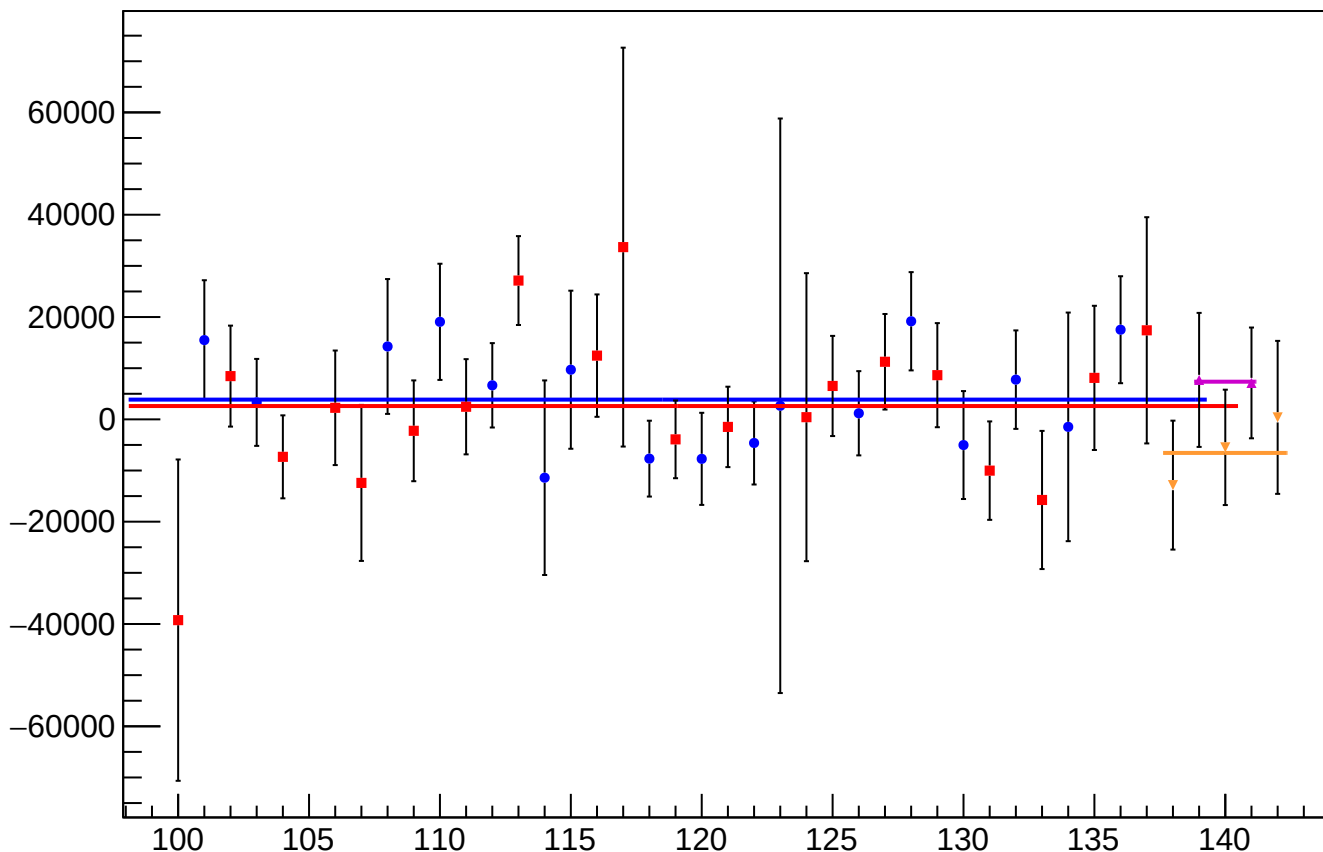
Left In: 10340.453+/-5.742 χ^2 /NDF: 21407.9/1

10181.367+/-1.913 χ^2 /NDF: 10271.7/19

10219.846+/-1.316 χ^2 /NDF: 32696.6/41

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

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3859.866 ± 2508.782 χ^2/NDF : 14.8/16

Left Out: -6561.913 ± 7325.137 χ^2/NDF : 0.5/2

Right Out: 2602.758 ± 2416.653 χ^2/NDF : 20.7/19

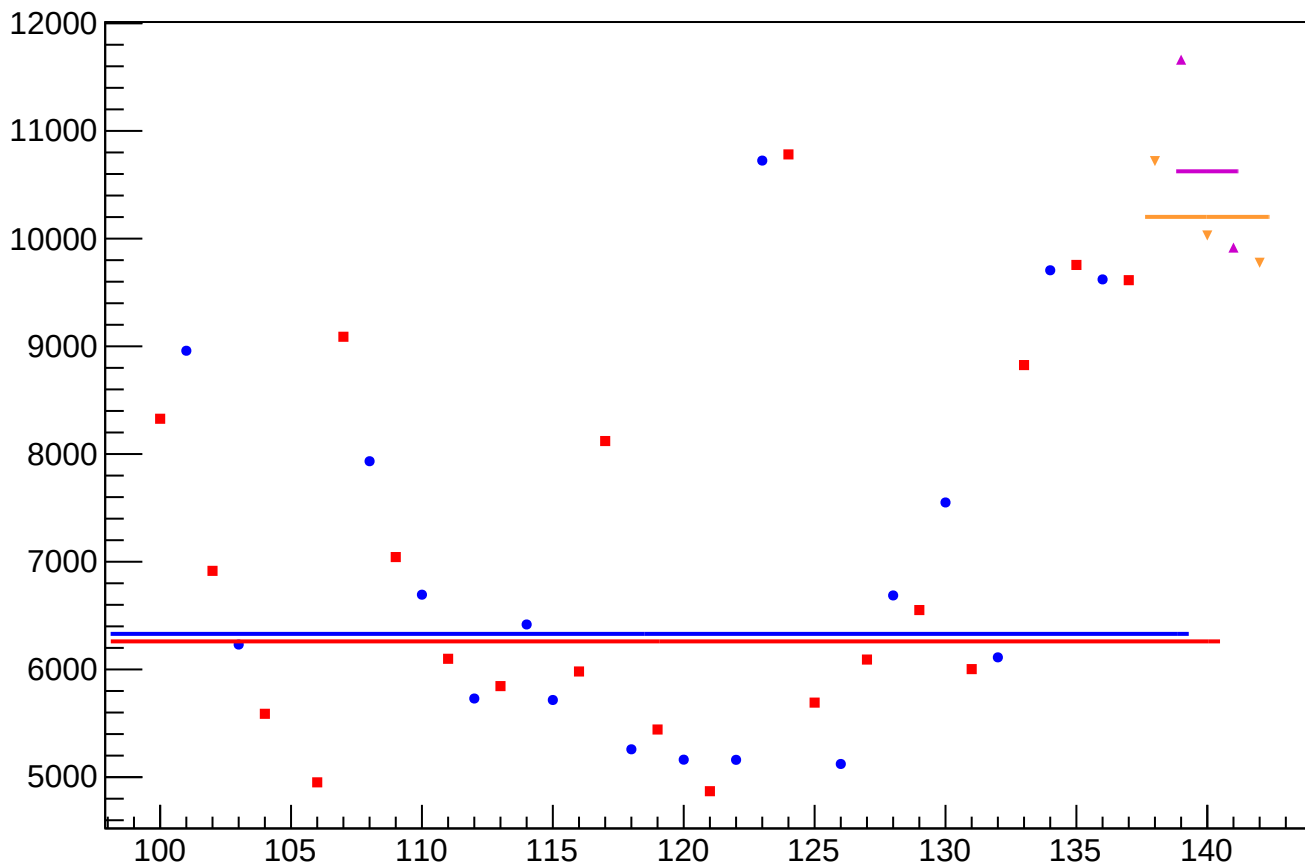
Left In: 7361.820 ± 8345.251 χ^2/NDF : 0.0/1

2765.741 ± 2373.440 χ^2/NDF : 17.0/19

2870.635 ± 1659.528 χ^2/NDF : 38.0/41

2970.970 ± 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: 10201.801+/-5.180 χ^2/NDF : 5470.3/2

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

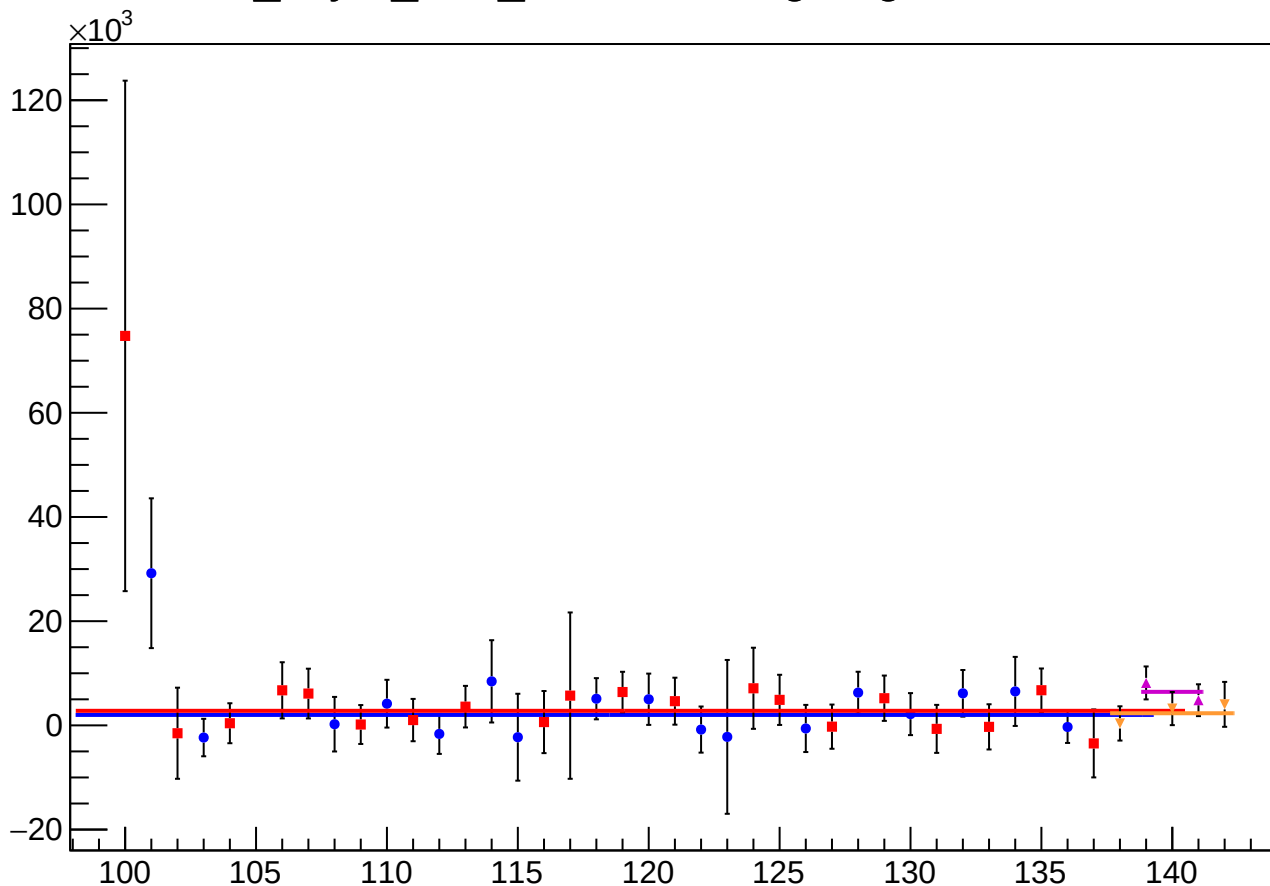
Left In: 10625.001+/-5.901 χ^2/NDF : 21077.6/1

6736.736+/-1.678 χ^2/NDF : 1098889.3/19

6665.907+/-1.173 χ^2/NDF : 2168097.2/41

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: 2327.022+/-2020.083 χ^2/NDF : 0.6/2

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

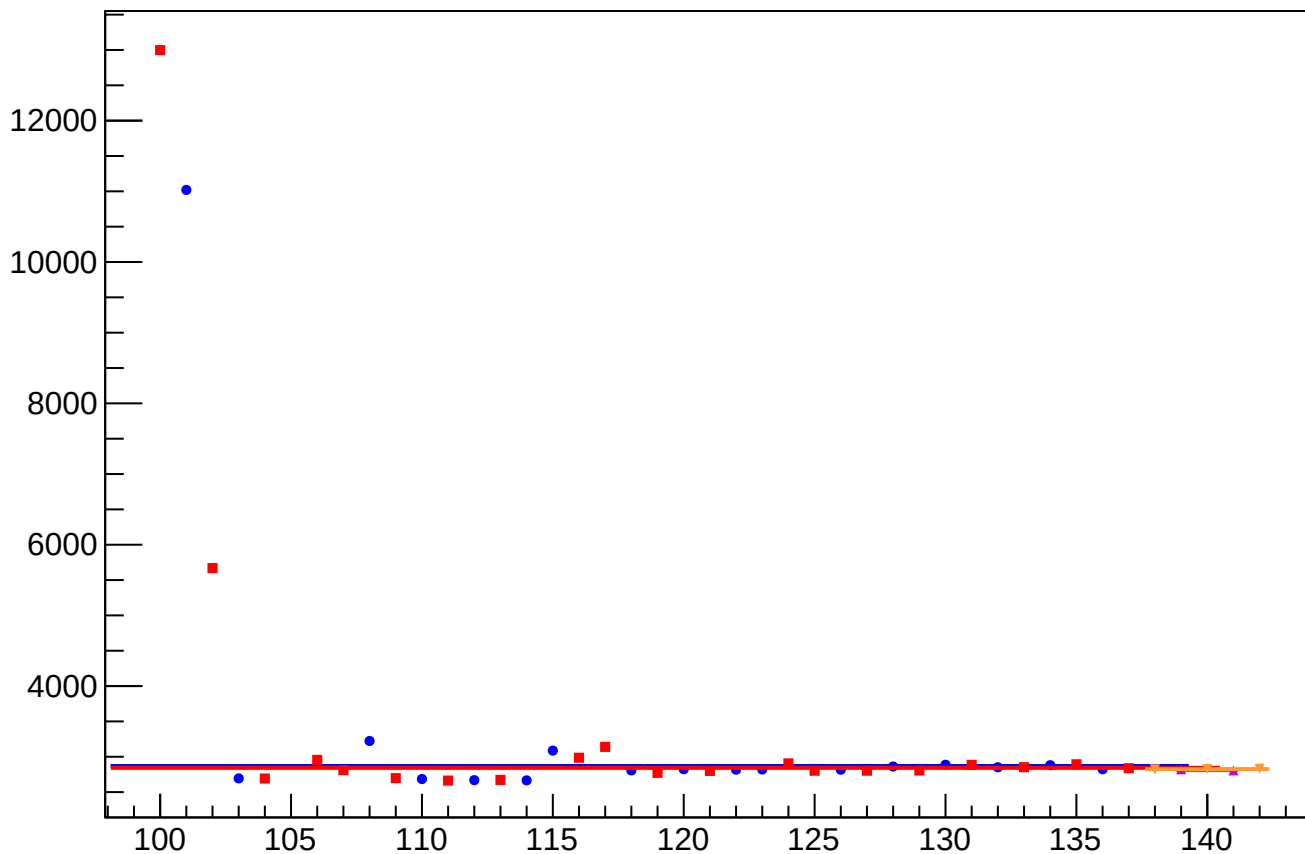
Left In: 6433.138+/-2196.790 χ^2/NDF : 0.6/1

2082.478+/-989.006 χ^2/NDF : 12.7/19

2807.013+/-693.187 χ^2/NDF : 26.4/41

3506.626+/-971.847 χ^2/NDF : 12.7/21

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2825.453+/-1.428 χ^2/NDF : 6.9/2

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

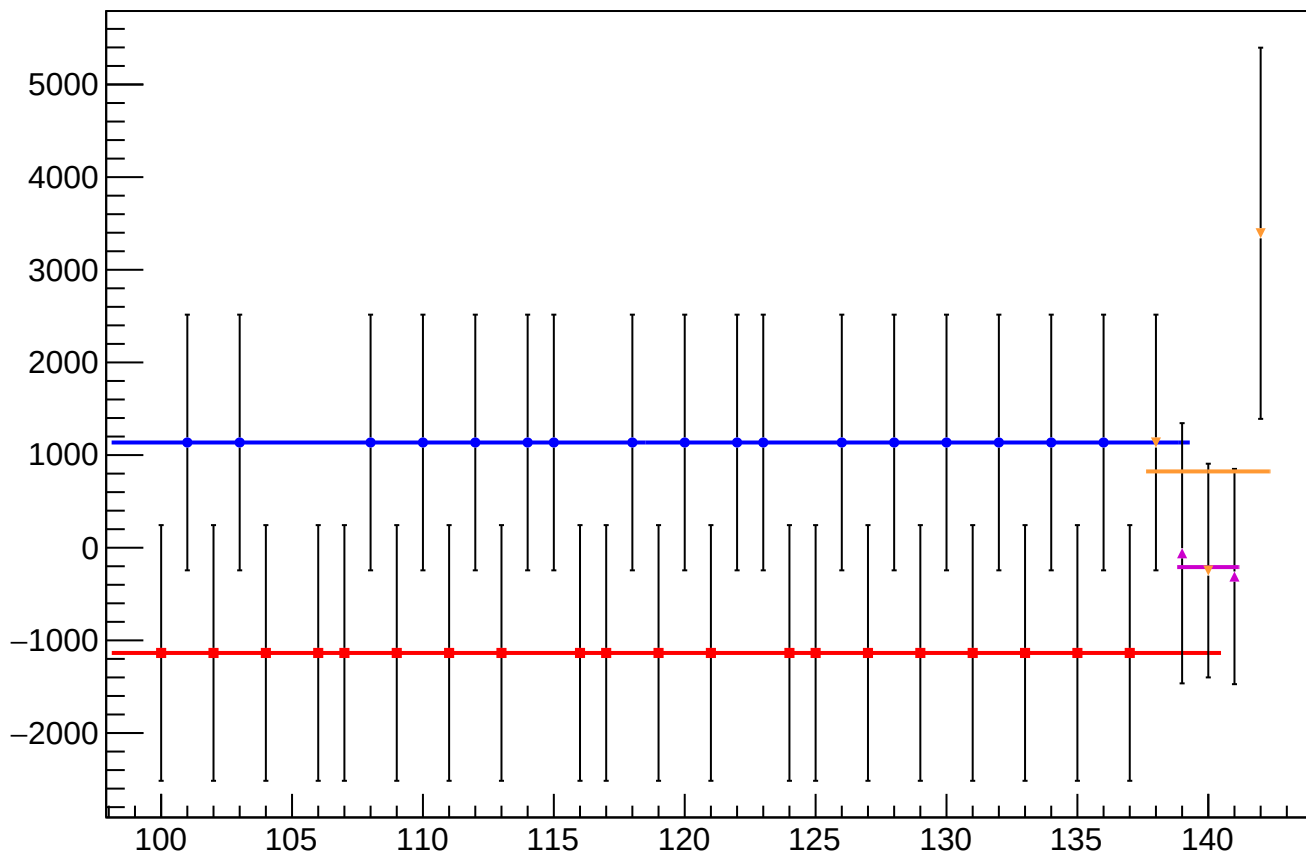
Left In: 2814.884+/-1.553 χ^2/NDF : 26.0/1

2858.712+/-0.699 χ^2/NDF : 670620.4/19

2847.892+/-0.490 χ^2/NDF : 984596.1/41

2837.444+/-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: 823.591 $\pm$ 809.452 χ^2/NDF : 2.6/2

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

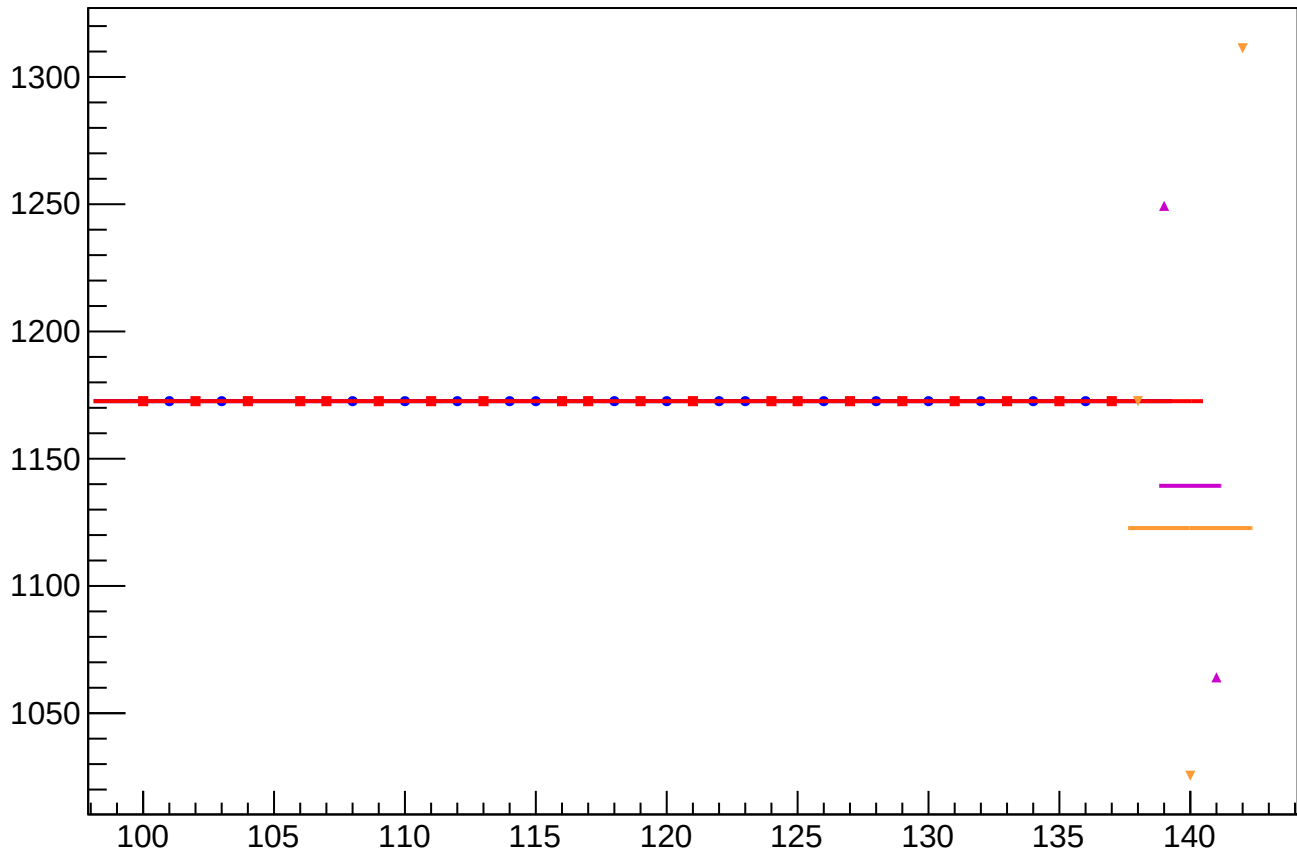
Left In: -208.923 $\pm$ 895.130 χ^2/NDF : 0.0/1

1090.225 $\pm$ 309.274 χ^2/NDF : 2.7/19

-35.725 $\pm$ 212.205 χ^2/NDF : 28.7/41

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

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 1172.619+/-0.237 χ^2/NDF : 0.0/16

Left Out: 1122.754+/-0.572 χ^2/NDF : 34566.6/2

Right Out: 1172.619+/-0.218 χ^2/NDF : 0.0/19

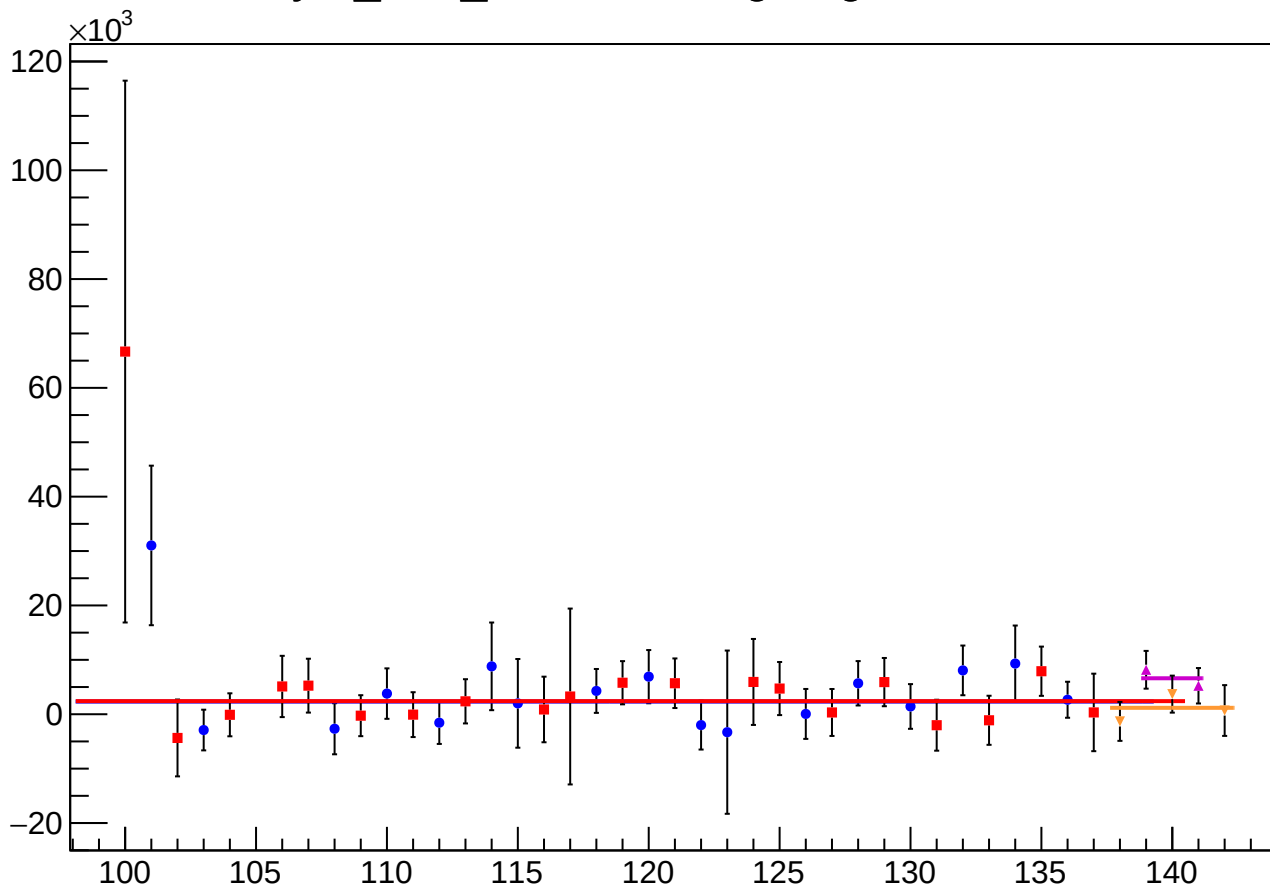
Left In: 1139.359+/-0.633 χ^2/NDF : 20666.1/1

1165.340+/-0.219 χ^2/NDF : 41048.7/19

1167.323+/-0.150 χ^2/NDF : 64338.2/41

1169.087+/-0.206 χ^2/NDF : 23134.1/21

asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 1178.312 $\pm$ 2179.832 χ^2 /NDF: 1.0/2

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

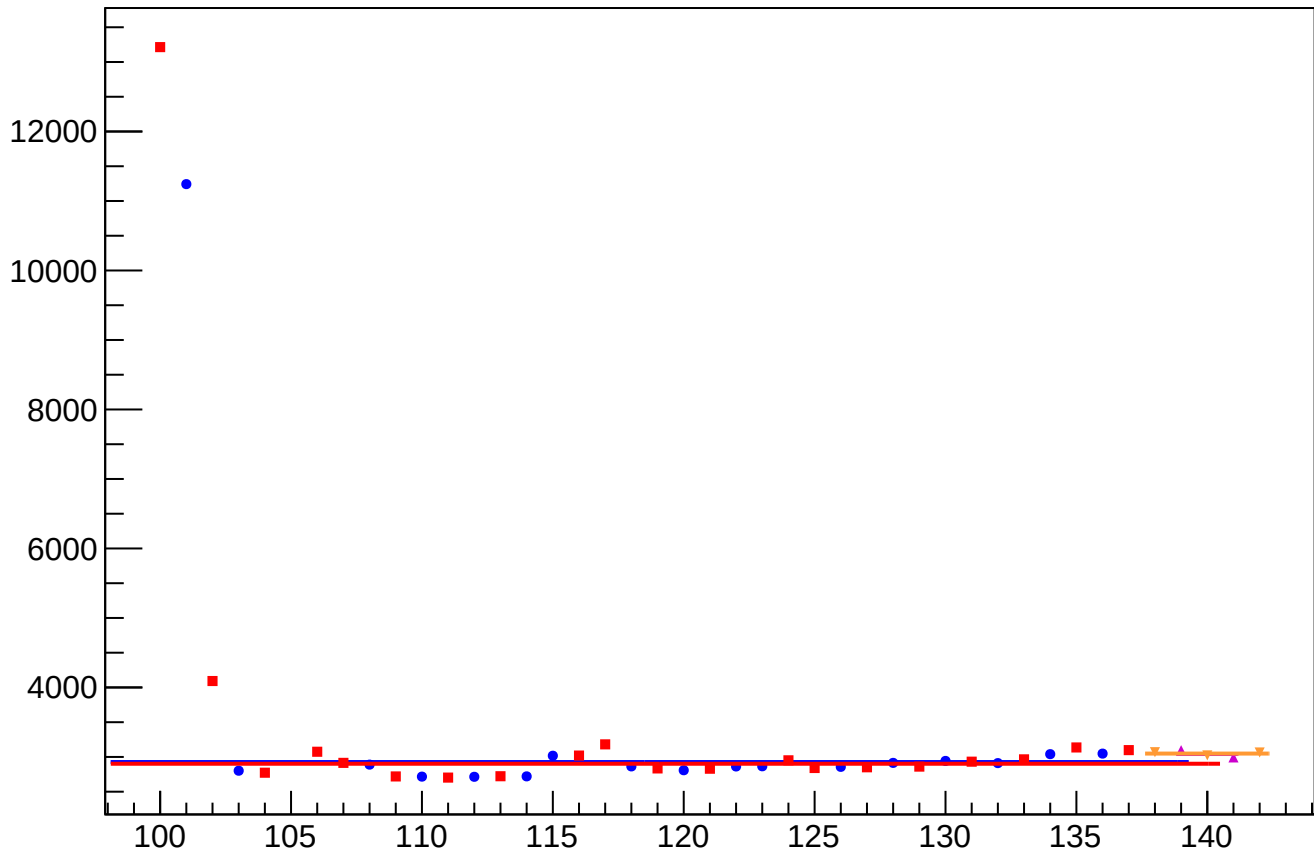
Left In: 6610.312 $\pm$ 2375.118 χ^2 /NDF: 0.4/1

2077.116 $\pm$ 1021.659 χ^2 /NDF: 15.7/19

2627.281 $\pm$ 715.999 χ^2 /NDF: 29.2/41

3158.306 $\pm$ 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: 3048.595+/-1.541 χ^2/NDF : 203.0/2

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

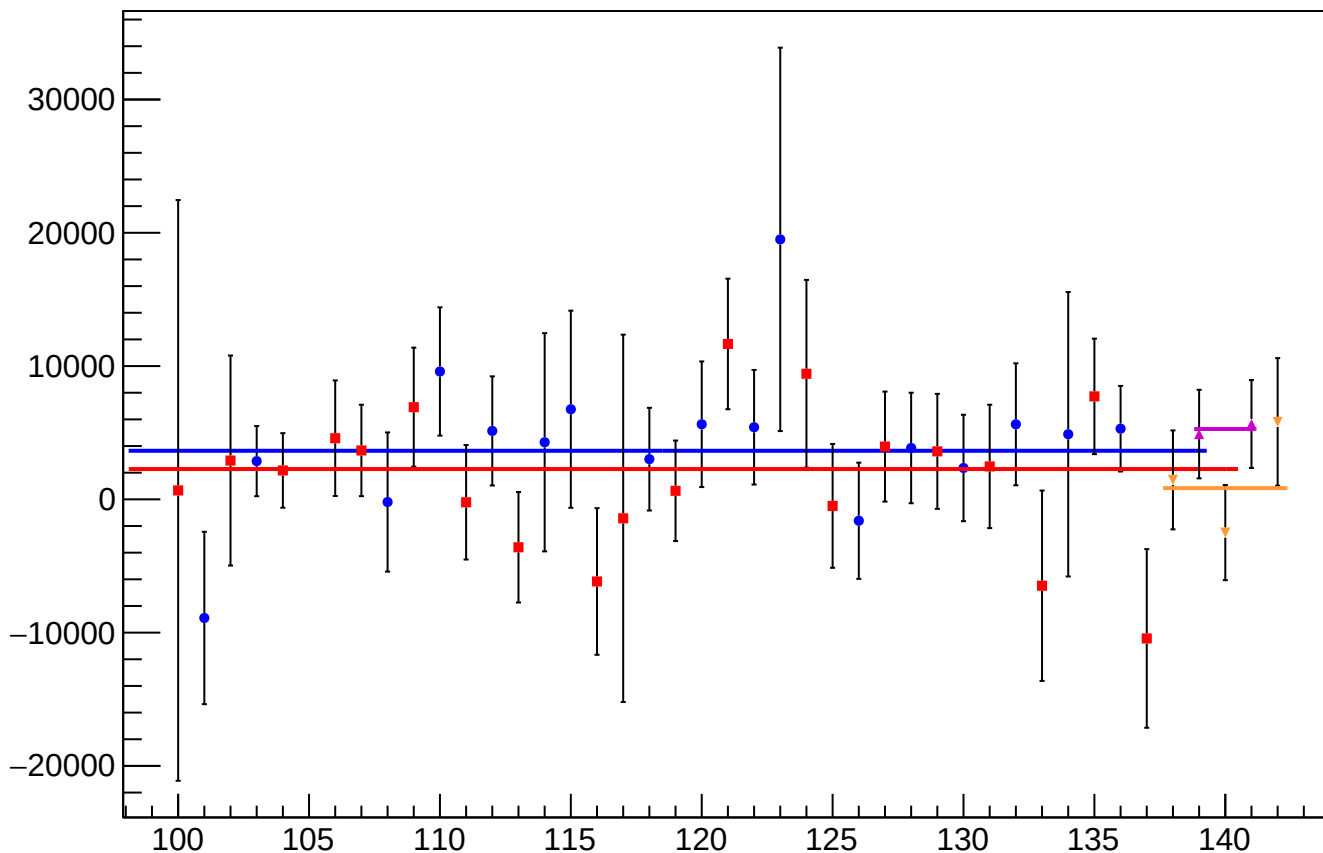
Left In: 3042.180+/-1.679 χ^2/NDF : 961.7/1

2953.406+/-0.722 χ^2/NDF : 667884.7/19

2940.047+/-0.506 χ^2/NDF : 845694.7/41

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: 840.859 $\pm$ 2265.858 χ^2/NDF : 2.0/2

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

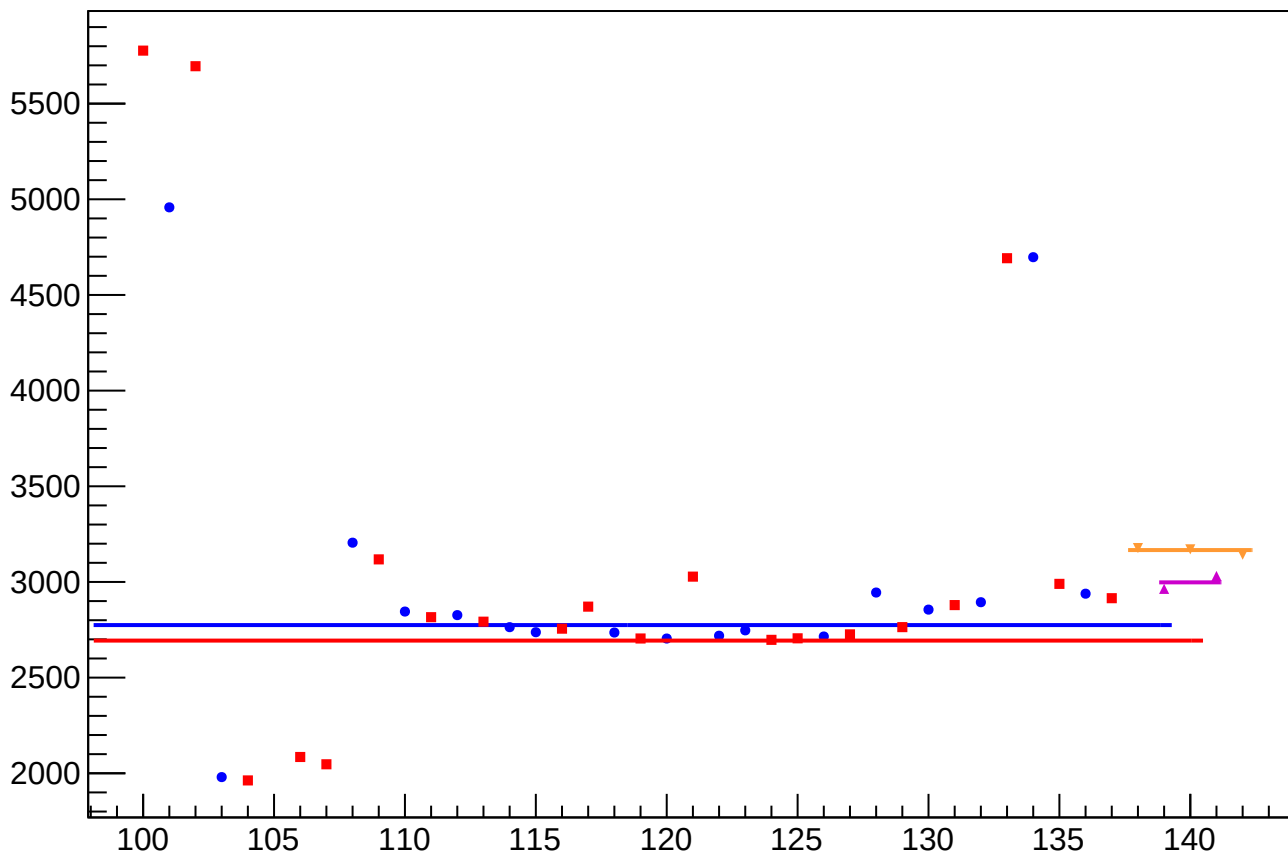
Left In: 5277.765 $\pm$ 2341.300 χ^2/NDF : 0.0/1

3117.083 $\pm$ 983.343 χ^2/NDF : 13.1/19

2939.465 $\pm$ 684.494 χ^2/NDF : 33.0/41

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

dit_asym_atr2_rms vs Slug, Sign Corrected



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

Left Out: 3166.654 $\pm$ 1.602 χ^2 /NDF: 70.0/2

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

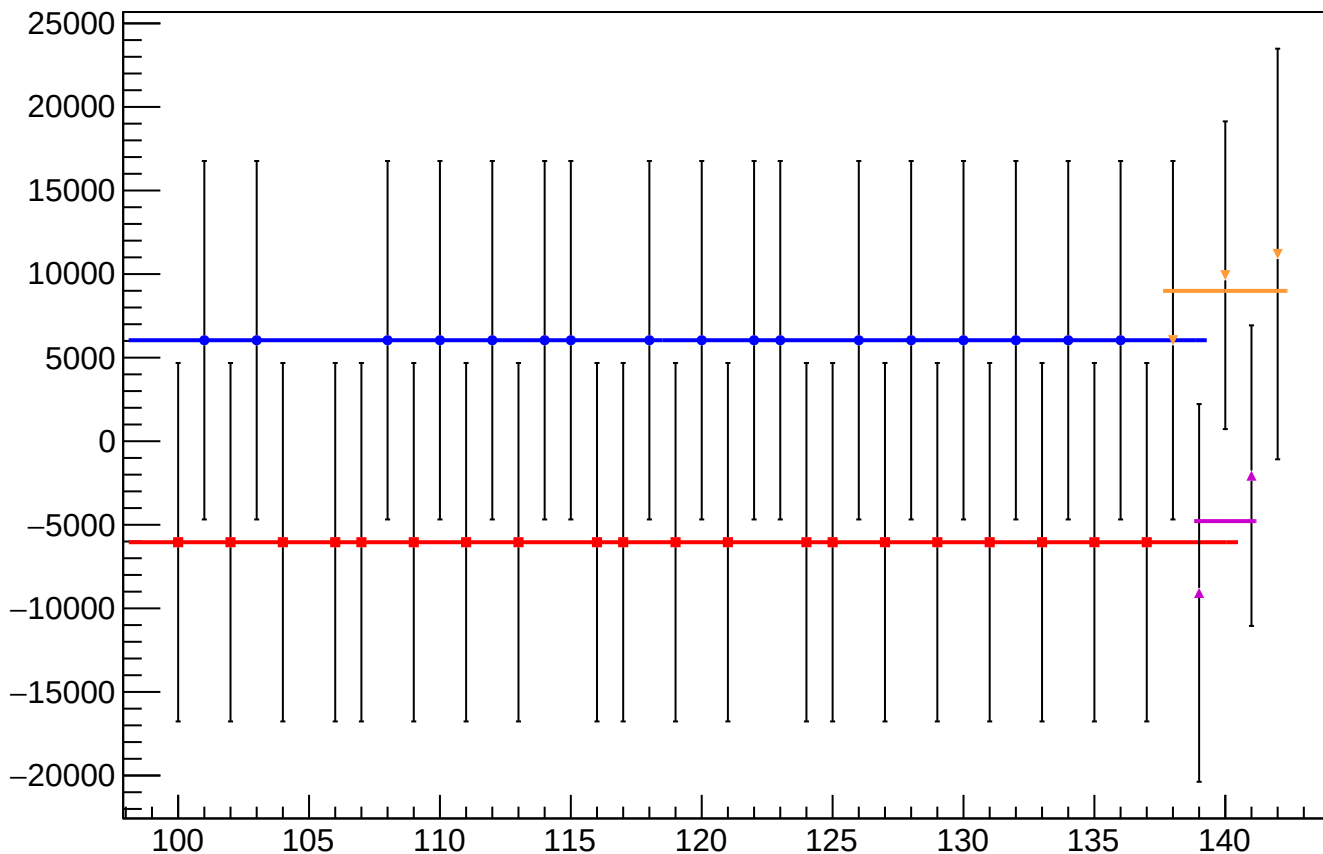
Left In: 2997.853 $\pm$ 1.656 χ^2 /NDF: 415.9/1

2848.454 $\pm$ 0.695 χ^2 /NDF: 550345.4/19

2794.581 $\pm$ 0.484 χ^2 /NDF: 1371194.2/41

2743.967 $\pm$ 0.674 χ^2 /NDF: 809206.1/21

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 6042.364 $\pm$ 2600.702 χ^2 /NDF: 0.0/16

Left Out: 8994.532 $\pm$ 6071.688 χ^2 /NDF:0.1/2

Right Out: -6042.364 $\pm$ 2397.729 χ^2 /NDF: 0.0/19

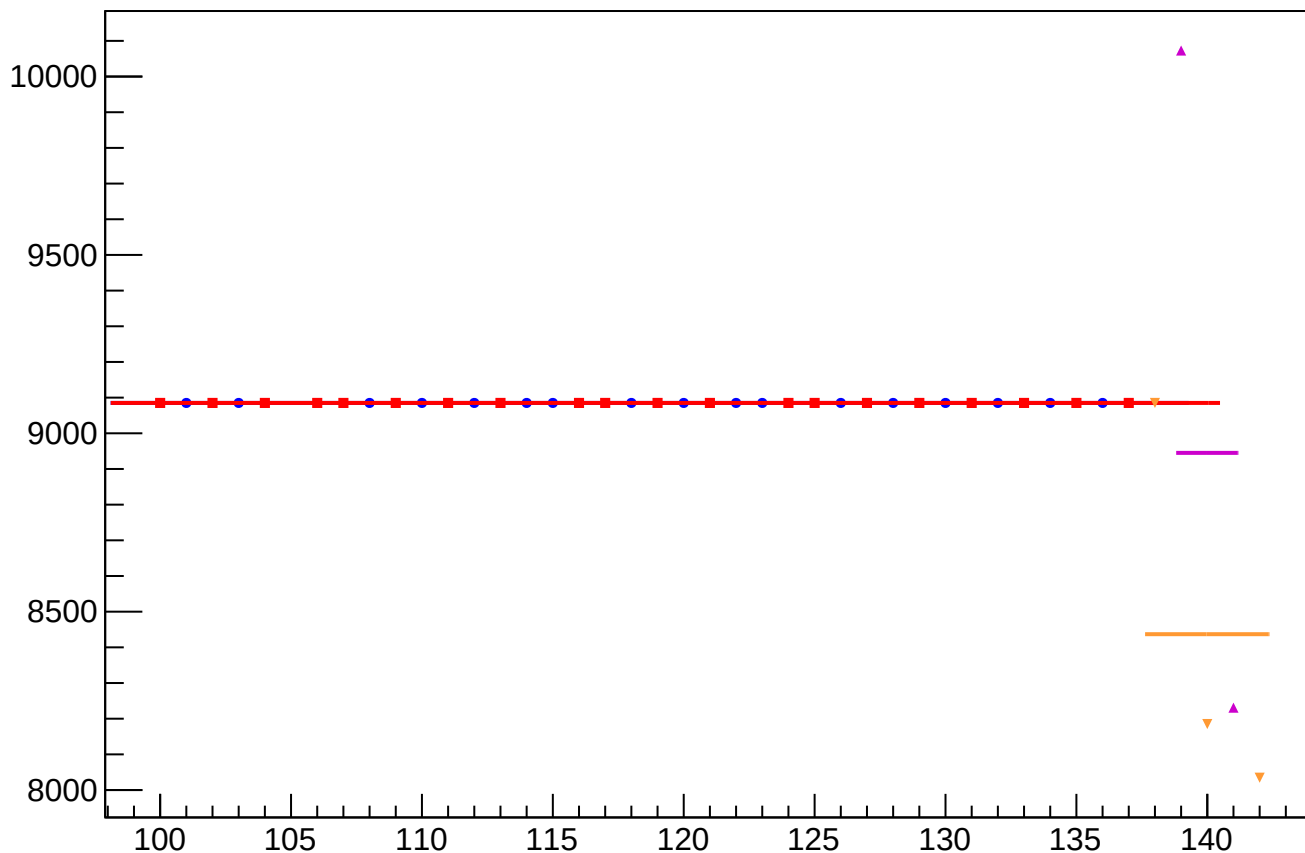
Left In: -4779.748 $\pm$ 7035.920 χ^2 /NDF:0.2/1

6500.028 $\pm$ 2390.629 χ^2 /NDF: 0.3/19

-27.690 $\pm$ 1645.959 χ^2 /NDF: 14.8/41

-5910.989 $\pm$ 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: 8436.877+/-4.293 χ^2/NDF : 10951.2/2

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

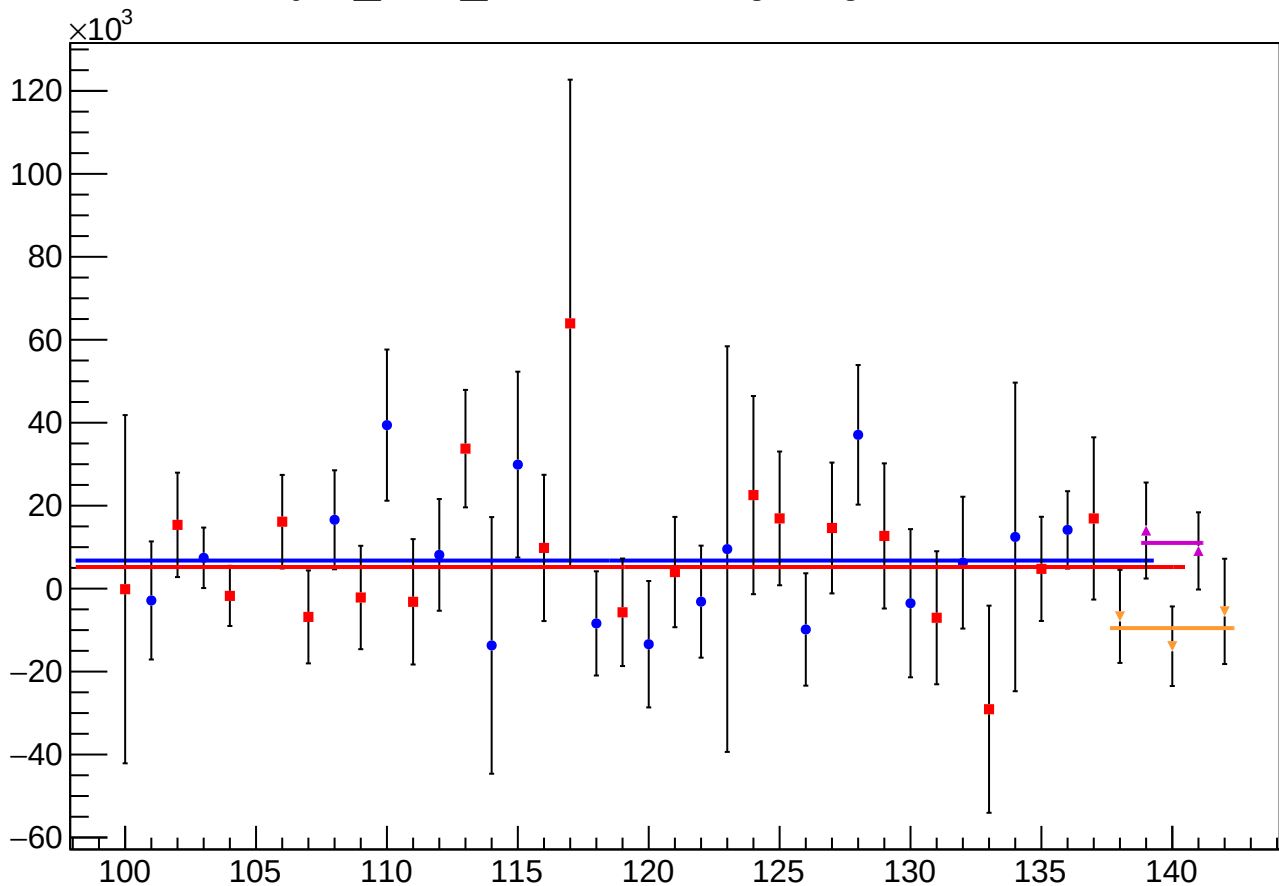
Left In: 8945.118+/-4.975 χ^2/NDF : 32543.3/1

8984.633+/-1.690 χ^2/NDF : 30215.0/19

9029.828+/-1.164 χ^2/NDF : 64826.9/41

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: -9516.738 $\pm$ 6321.504 χ^2 /NDF: 0.4/2

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

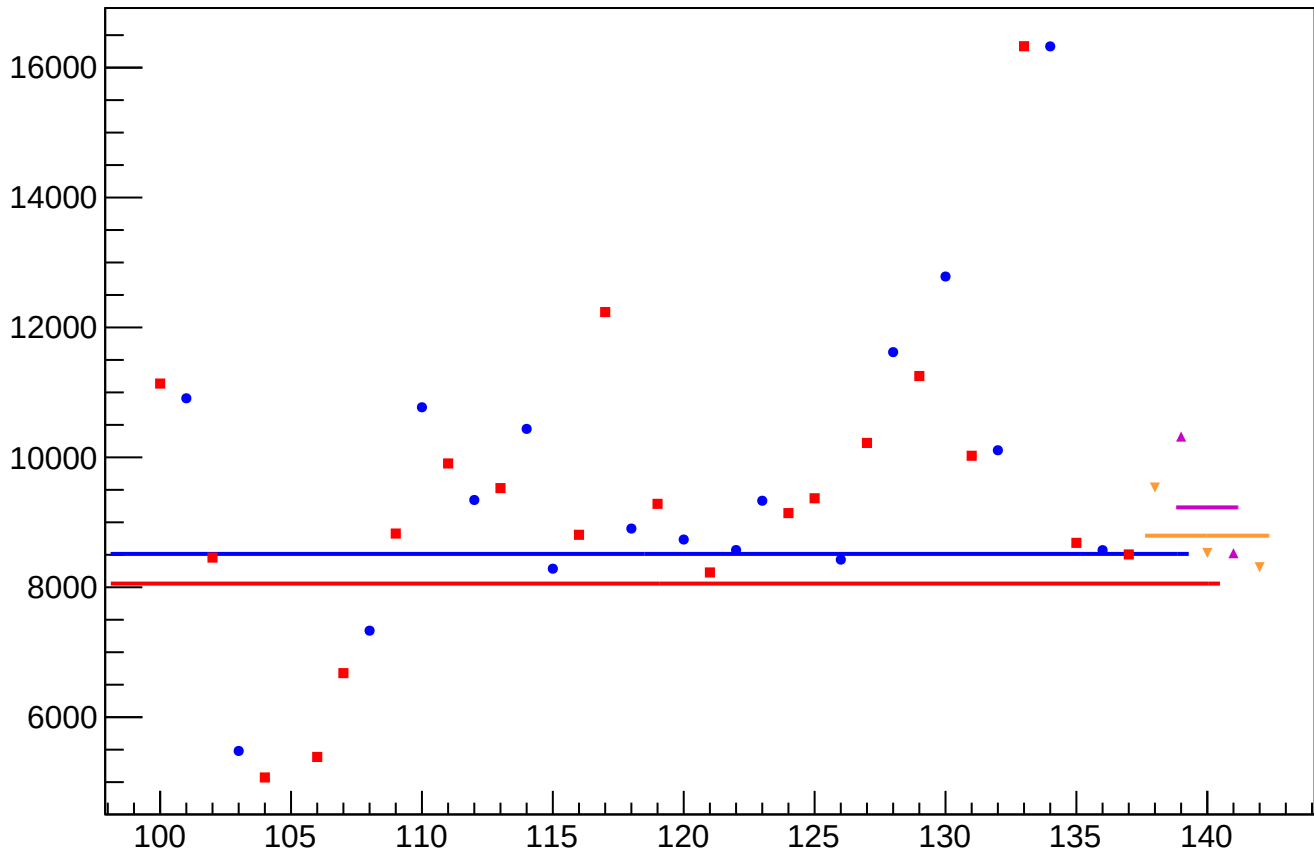
Left In: 11023.672 $\pm$ 7253.222 χ^2 /NDF: 0.1/1

3135.119 $\pm$ 2985.574 χ^2 /NDF: 20.9/19

4681.963 $\pm$ 2079.958 χ^2 /NDF: 36.7/41

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: 8794.086 $\pm$ 4.470 χ^2/NDF : 13191.4/2

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

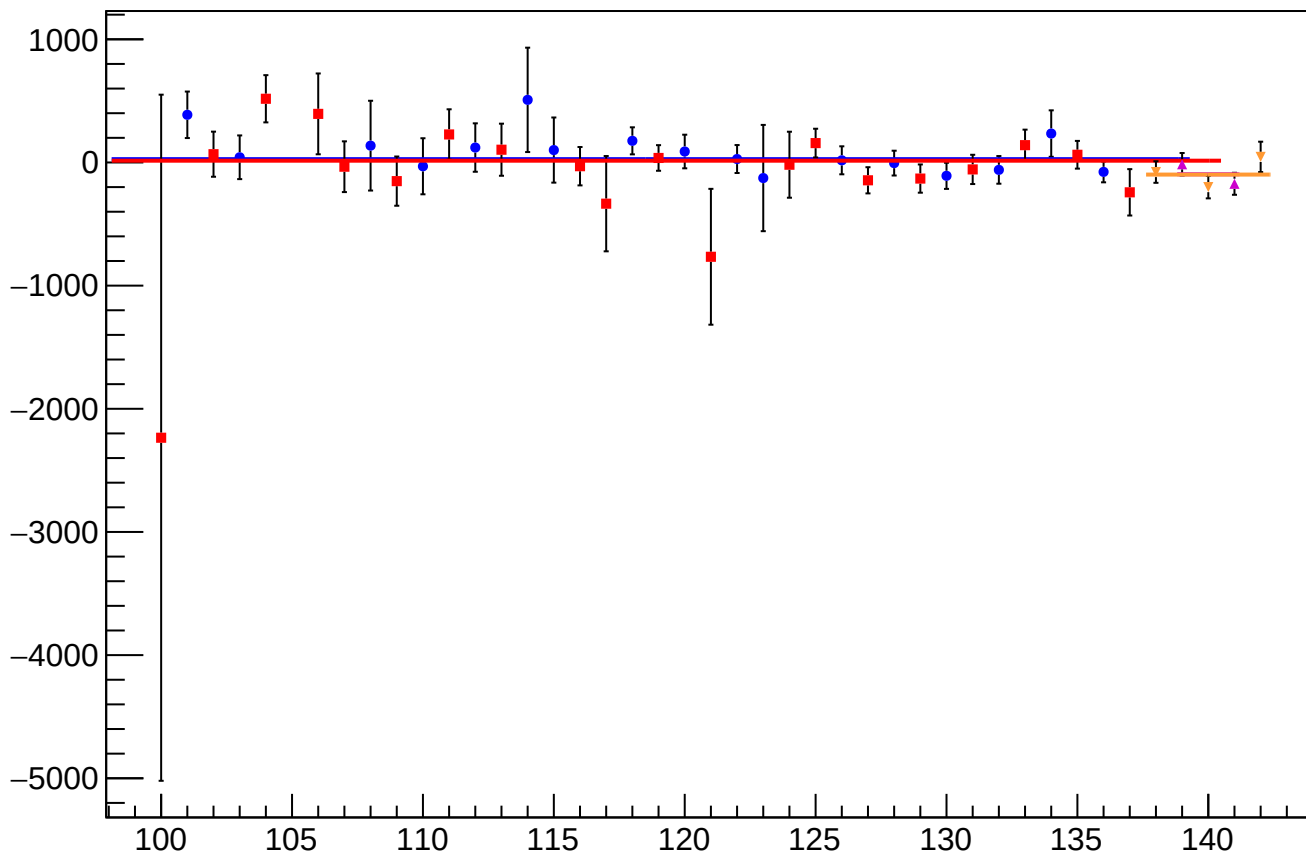
Left In: 9229.705 $\pm$ 5.129 χ^2/NDF : 29228.7/1

8576.215 $\pm$ 2.111 χ^2/NDF : 778863.5/19

8405.376 $\pm$ 1.471 χ^2/NDF : 1827216.4/41

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: -98.357 $\pm$ 56.262 χ^2 /NDF: 2.6/2

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

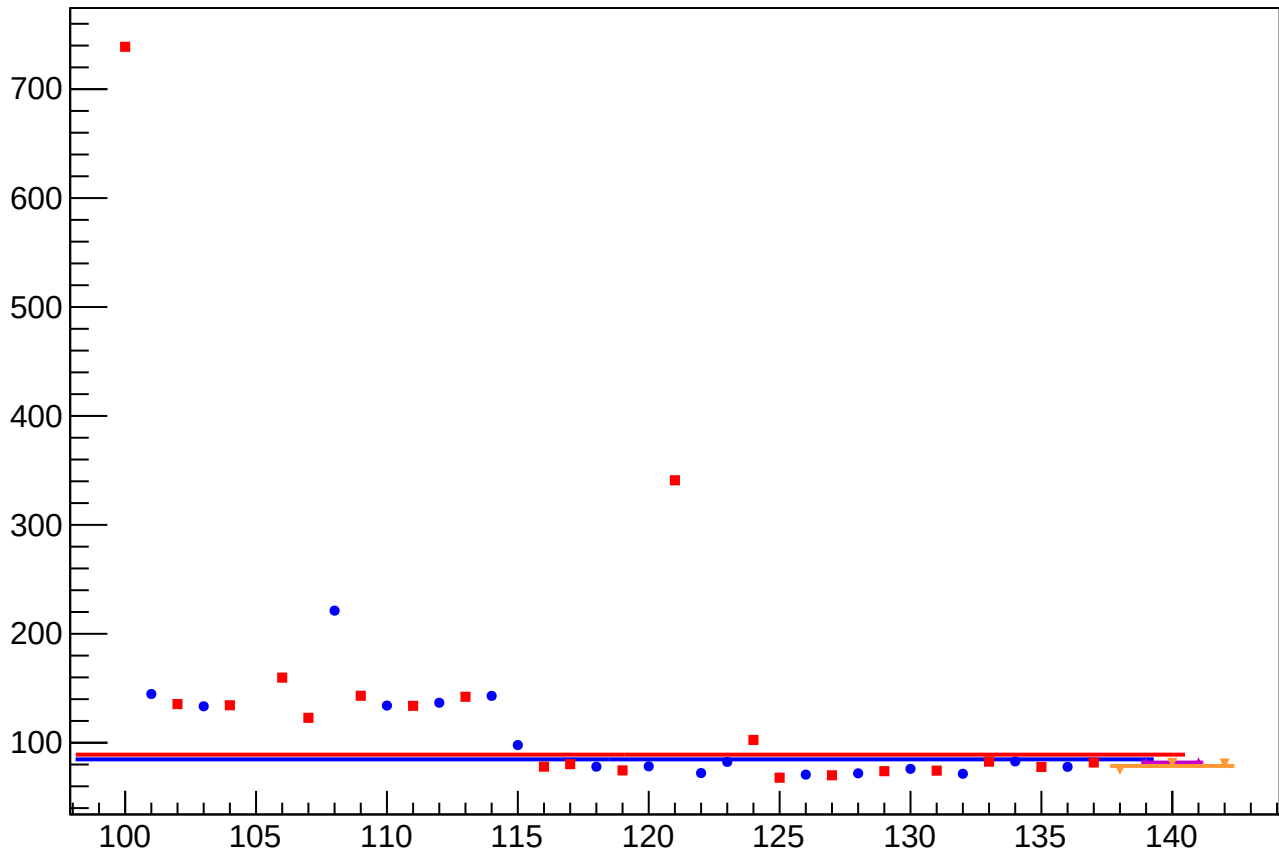
Left In: -95.708 $\pm$ 63.919 χ^2 /NDF: 1.5/1

-6.625 $\pm$ 29.117 χ^2 /NDF: 18.9/19

-8.878 $\pm$ 21.213 χ^2 /NDF: 45.4/41

-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: 78.695 ± 0.040 χ^2/NDF : 6050.8/2

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

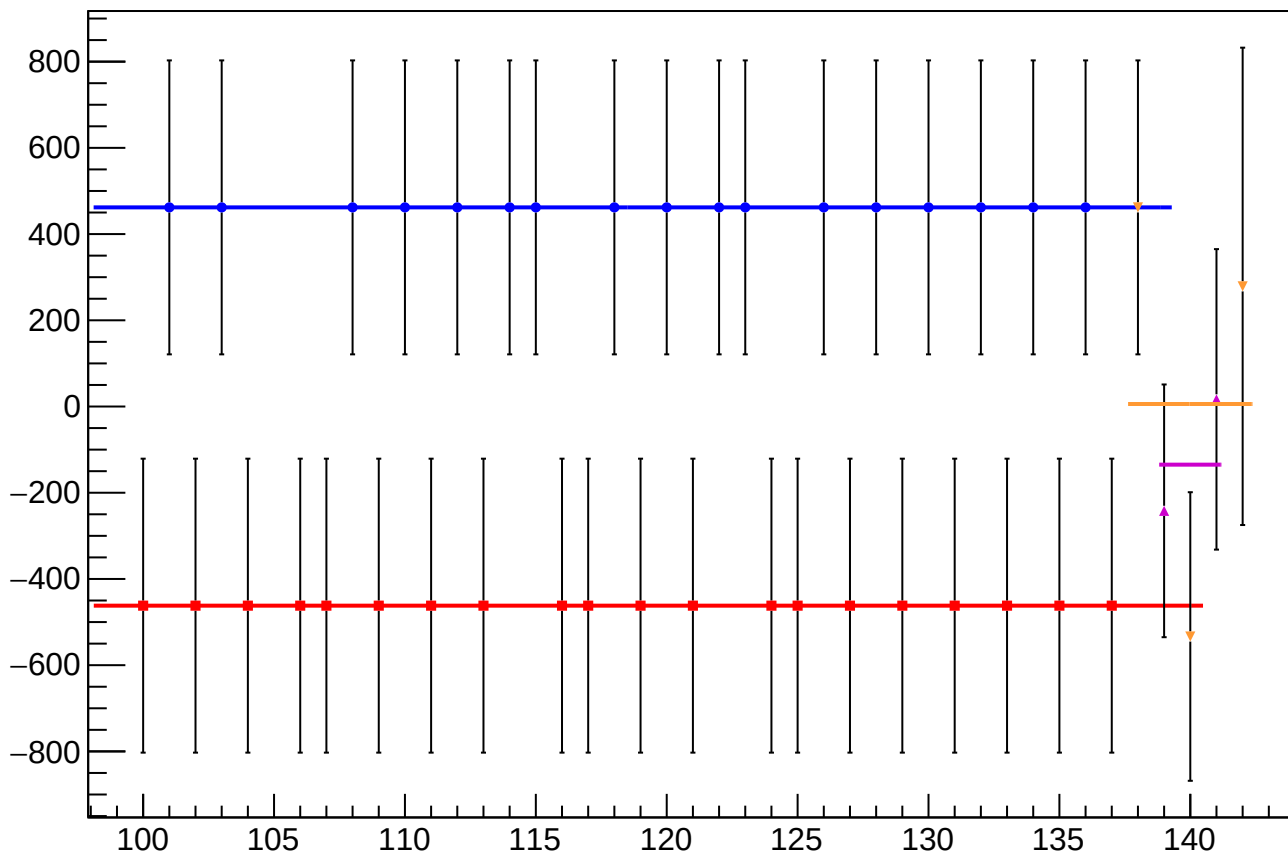
Left In: 81.802 ± 0.045 χ^2/NDF : 17.4/1

83.119 ± 0.021 χ^2/NDF : 1087359.7/19

85.111 ± 0.015 χ^2/NDF : 2687407.2/41

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: 5.841 $\pm$ 219.309 χ^2/NDF : 4.6/2

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

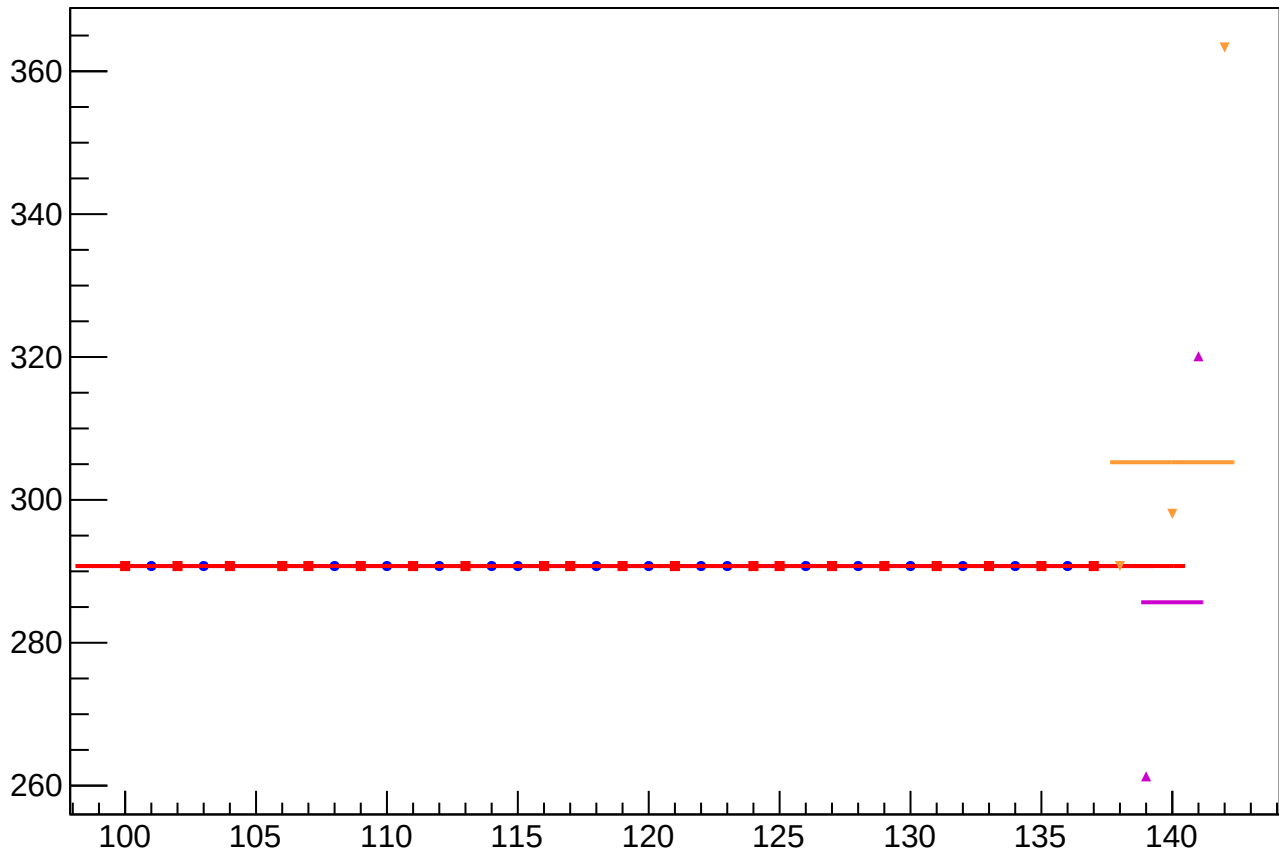
Left In: -134.855 $\pm$ 224.328 χ^2/NDF : 0.3/1

405.165 $\pm$ 77.372 χ^2/NDF : 8.4/19

-40.338 $\pm$ 52.780 χ^2/NDF : 72.7/41

-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: 305.266 $\pm$ 0.155 χ^2 /NDF: 26560.8/2

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

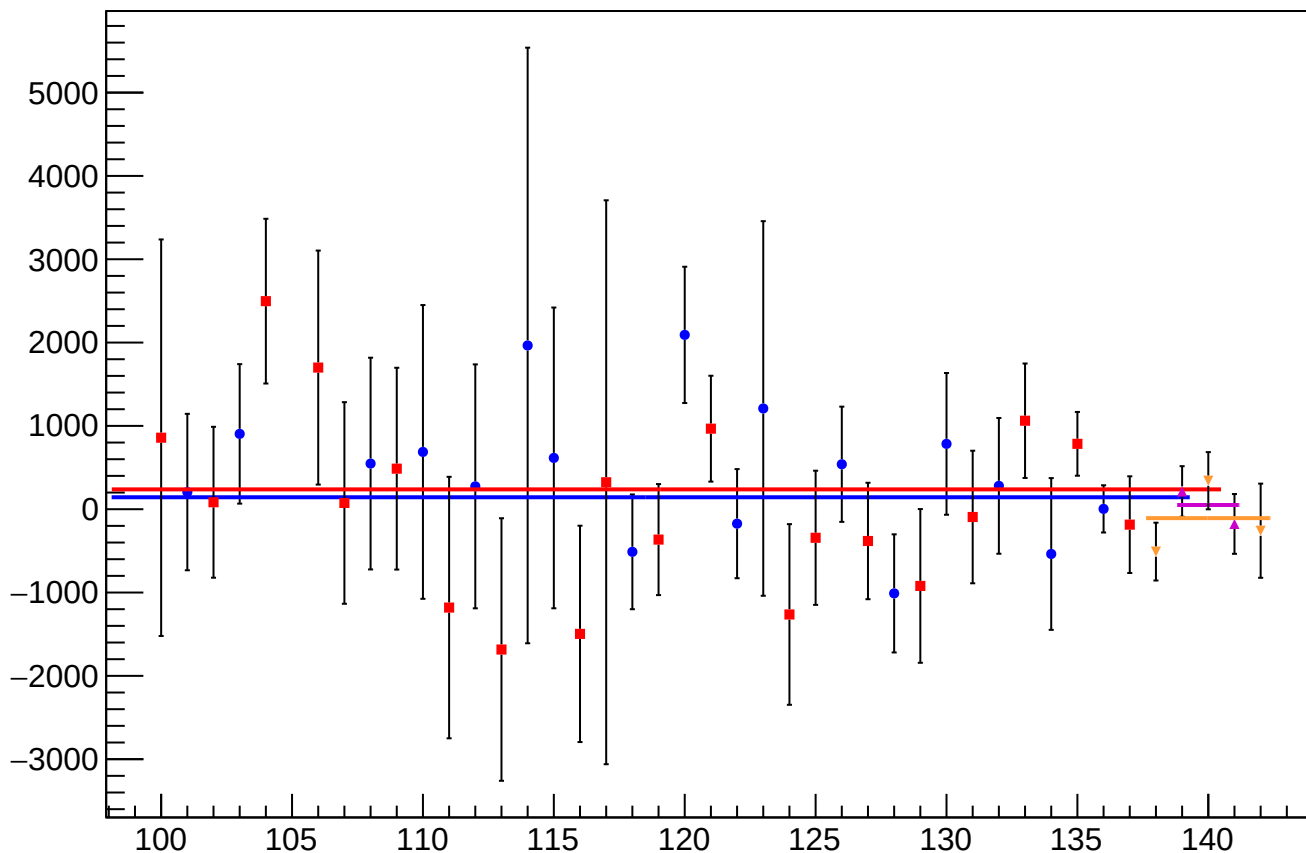
Left In: 285.667 $\pm$ 0.159 χ^2 /NDF: 33347.0/1

292.548 $\pm$ 0.055 χ^2 /NDF: 34244.0/19

291.300 $\pm$ 0.037 χ^2 /NDF: 69480.2/41

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

asym_sam1_mean vs Slug, Sign Corrected



Right In: 143.486+/-179.237 χ^2/NDF : 12.8/16

Left Out: -107.002+/-224.017 χ^2/NDF : 3.1/2

Right Out: 238.073+/-183.724 χ^2/NDF : 21.7/19

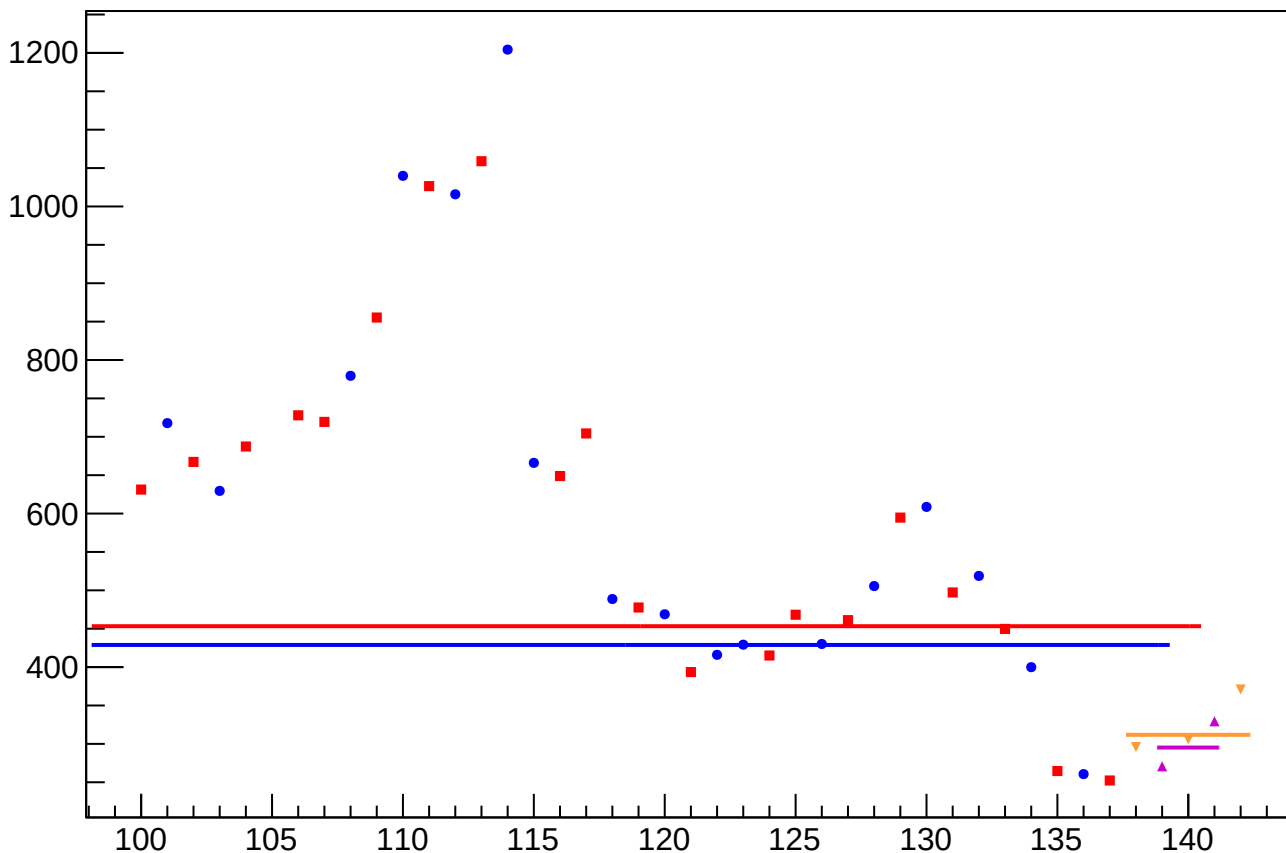
Left In: 50.465+/-231.666 χ^2/NDF : 0.7/1

45.719+/-139.954 χ^2/NDF : 16.7/19

103.990+/-100.345 χ^2/NDF : 39.8/41

165.638+/-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: 311.813+/-0.158 χ^2/NDF : 26744.9/2

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

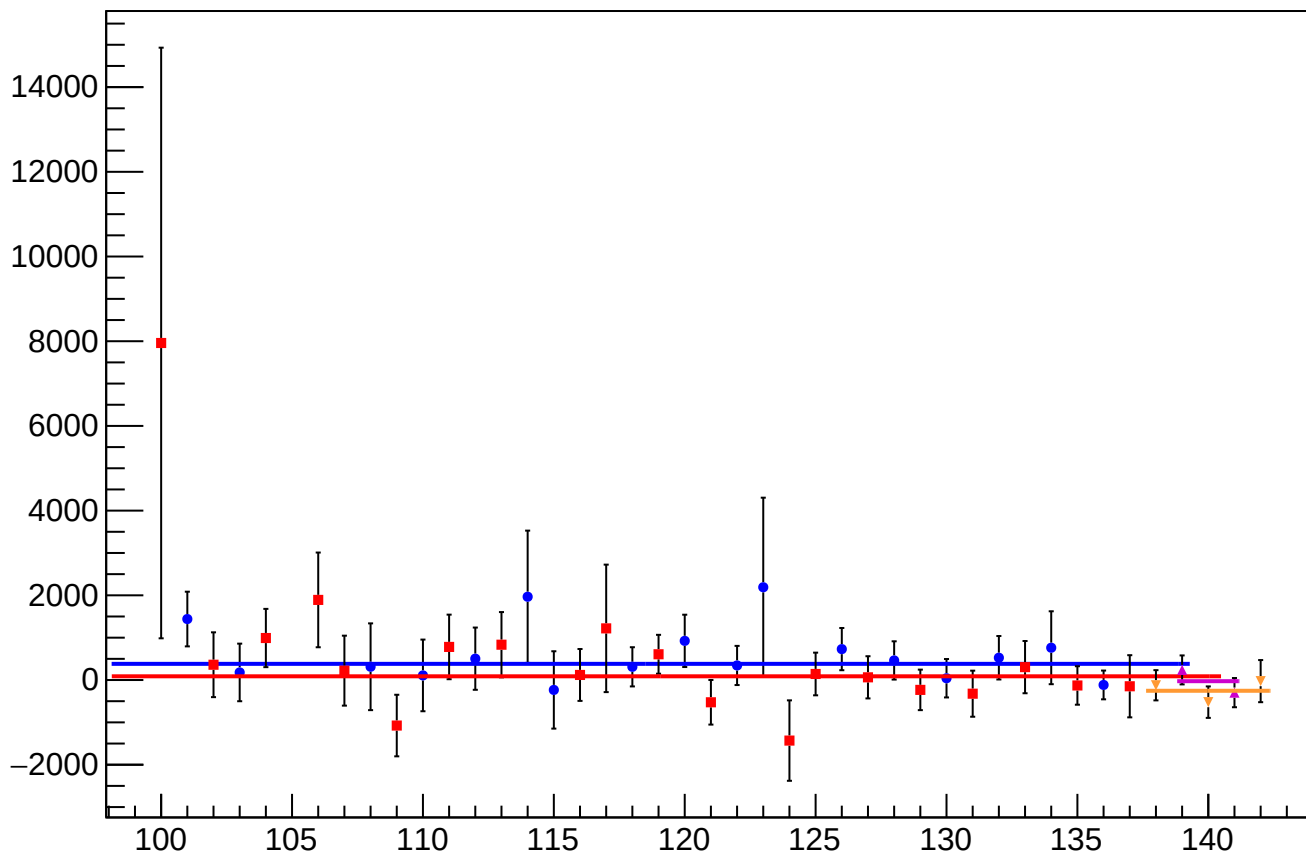
Left In: 295.241+/-0.164 χ^2/NDF : 31202.5/1

383.173+/-0.099 χ^2/NDF : 2371942.9/19

387.583+/-0.071 χ^2/NDF : 5028752.6/41

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

dit_asym_sam2_mean vs Slug, Sign Corrected



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

Left Out: -253.946 ± 228.642 χ^2/NDF : 0.9/2

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

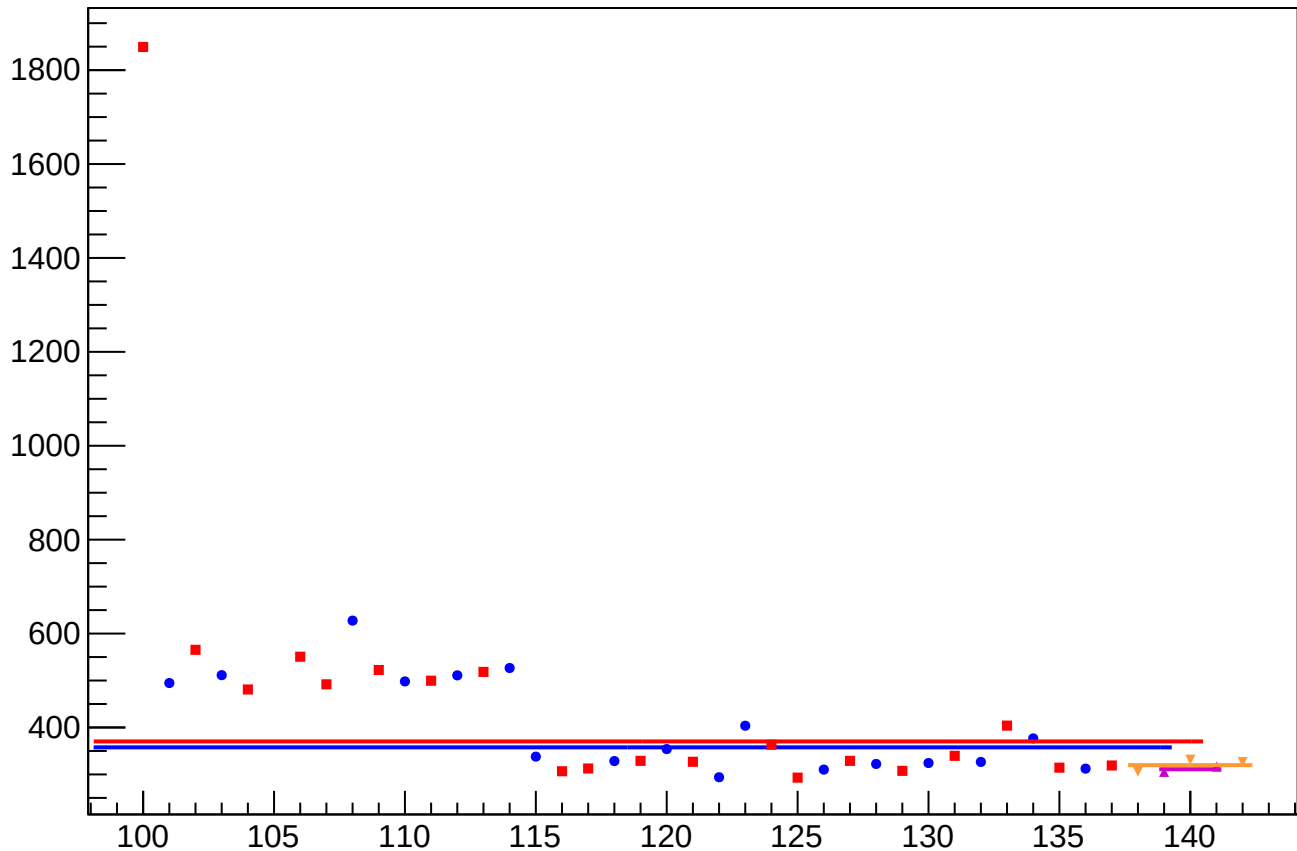
Left In: -27.501 ± 242.876 χ^2/NDF : 1.2/1

206.360 ± 120.133 χ^2/NDF : 15.9/19

134.073 ± 85.981 χ^2/NDF : 35.4/41

58.154 ± 123.113 χ^2/NDF : 18.7/21

dit_asym_sam2_rms vs Slug, Sign Corrected



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

Left Out: 319.833 $\pm$ 0.162 χ^2 /NDF: 5335.4/2

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

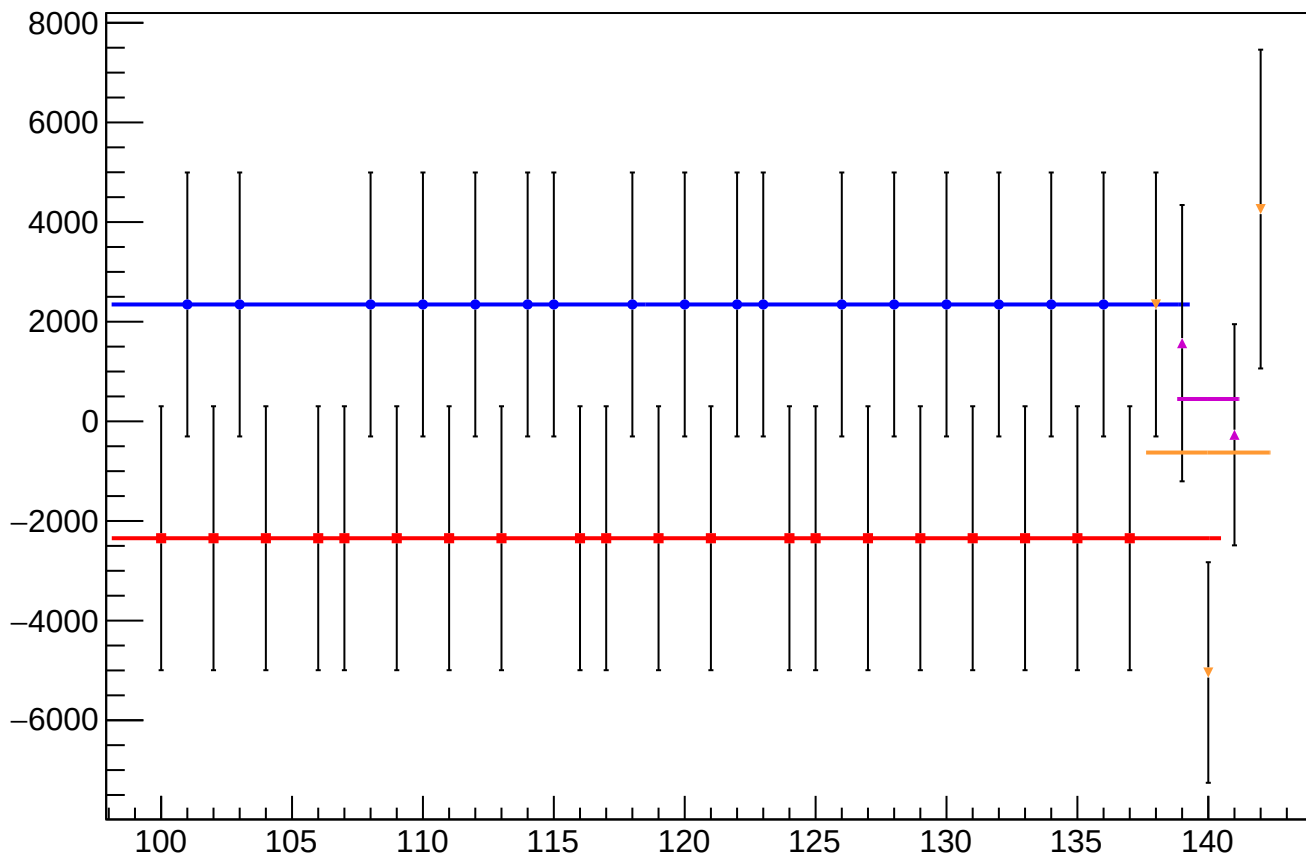
Left In: 311.015 $\pm$ 0.172 χ^2 /NDF: 1083.5/1

347.220 $\pm$ 0.085 χ^2 /NDF: 674645.9/19

351.037 $\pm$ 0.061 χ^2 /NDF: 1556069.8/41

355.045 $\pm$ 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: -626.192 $\pm$ 1500.382 χ^2 /NDF:7.6/2

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

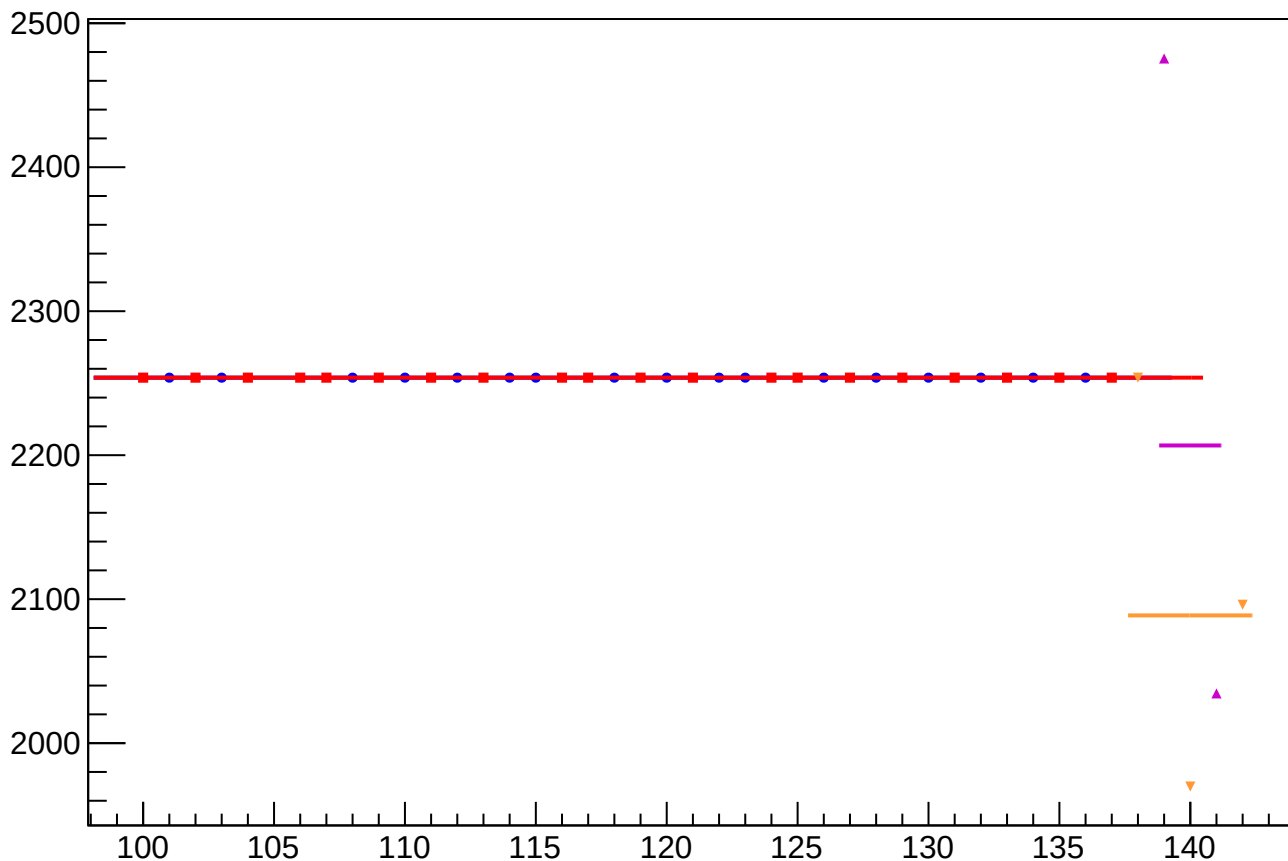
Left In: 448.631 $\pm$ 1733.074 χ^2 /NDF:0.3/1

1885.540 $\pm$ 590.630 χ^2 /NDF: 10.9/19

-187.080 $\pm$ 406.577 χ^2 /NDF: 36.9/41

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

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 2253.842 $\pm$ 0.454 χ^2 /NDF: 0.0/16

Left Out: 2088.725 $\pm$ 1.061 χ^2 /NDF:13545.4/2

Right Out: 2253.842 $\pm$ 0.419 χ^2 /NDF: 0.0/19

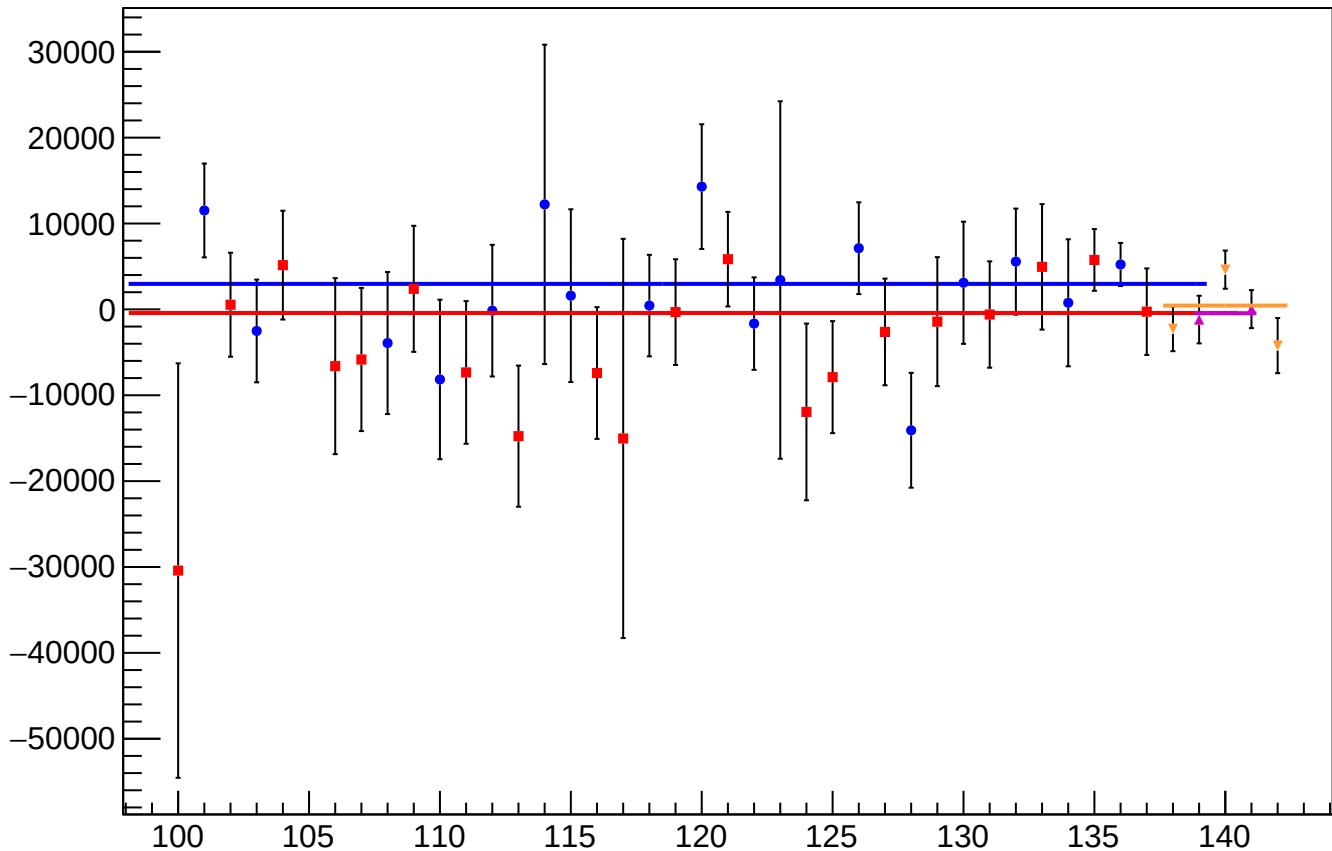
Left In: 2206.756 $\pm$ 1.225 χ^2 /NDF:30816.4/1

2228.255 $\pm$ 0.418 χ^2 /NDF: 34014.0/19

2239.126 $\pm$ 0.287 χ^2 /NDF: 67440.1/41

2248.917 $\pm$ 0.396 χ^2 /NDF: 32138.3/21

asym_sam2_mean vs Slug, Sign Corrected



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

Left Out: 445.281 $\pm$ 1496.737 χ^2/NDF : 6.7/2

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

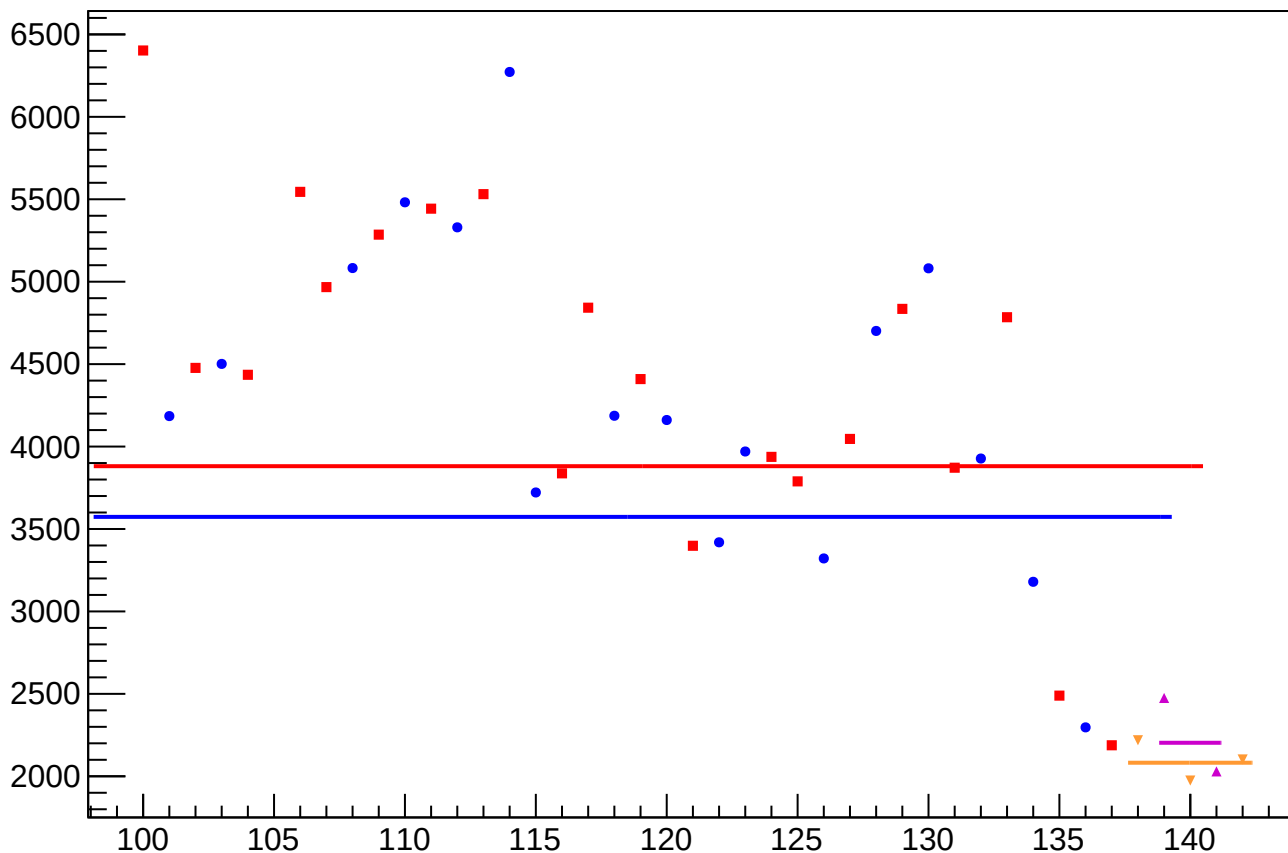
Left In: -444.666 $\pm$ 1731.034 χ^2/NDF : 0.1/1

1755.517 $\pm$ 1037.895 χ^2/NDF : 25.6/19

760.206 $\pm$ 766.025 χ^2/NDF : 43.5/41

-430.669 $\pm$ 1135.291 χ^2/NDF : 15.9/21

asym_sam2_rms vs Slug, Sign Corrected



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

Left Out: 2082.242+/-1.058 χ^2/NDF :10258.1/2

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

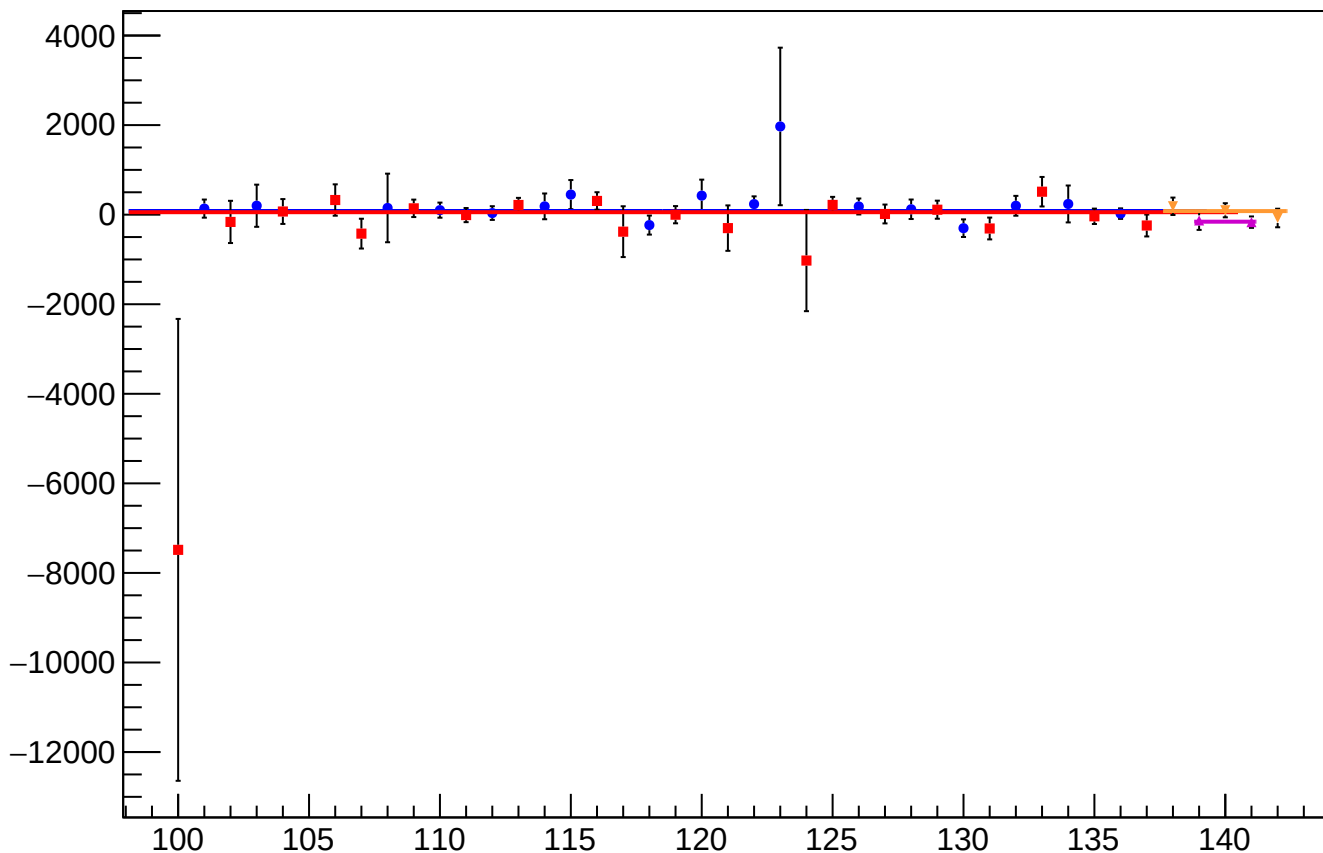
Left In: 2203.271+/-1.224 χ^2/NDF :31506.4/1

2856.403+/-0.734 χ^2/NDF : 2129646.1/19

2994.315+/-0.542 χ^2/NDF : 4301125.8/41

3159.326+/-0.803 χ^2/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: 79.826+/-105.343 χ^2/NDF : 0.9/2

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

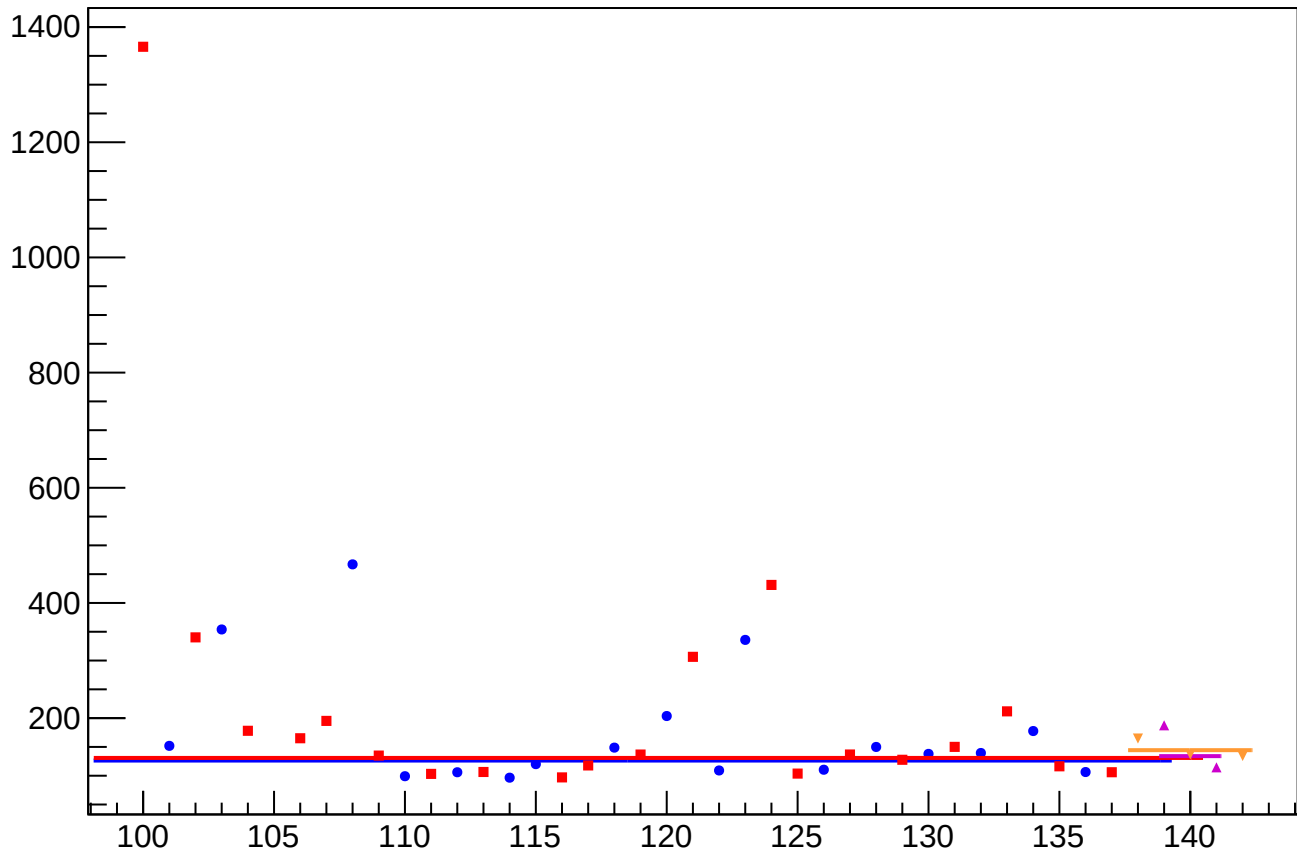
Left In: -156.911+/-109.058 χ^2/NDF : 0.0/1

81.455+/-46.562 χ^2/NDF : 12.4/19

48.852+/-33.292 χ^2/NDF : 33.5/41

14.749+/-47.621 χ^2/NDF : 20.1/21

dit_asym_sam3_rms vs Slug, Sign Corrected



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

Left Out: 144.361+/-0.074 χ^2/NDF : 30936.6/2

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

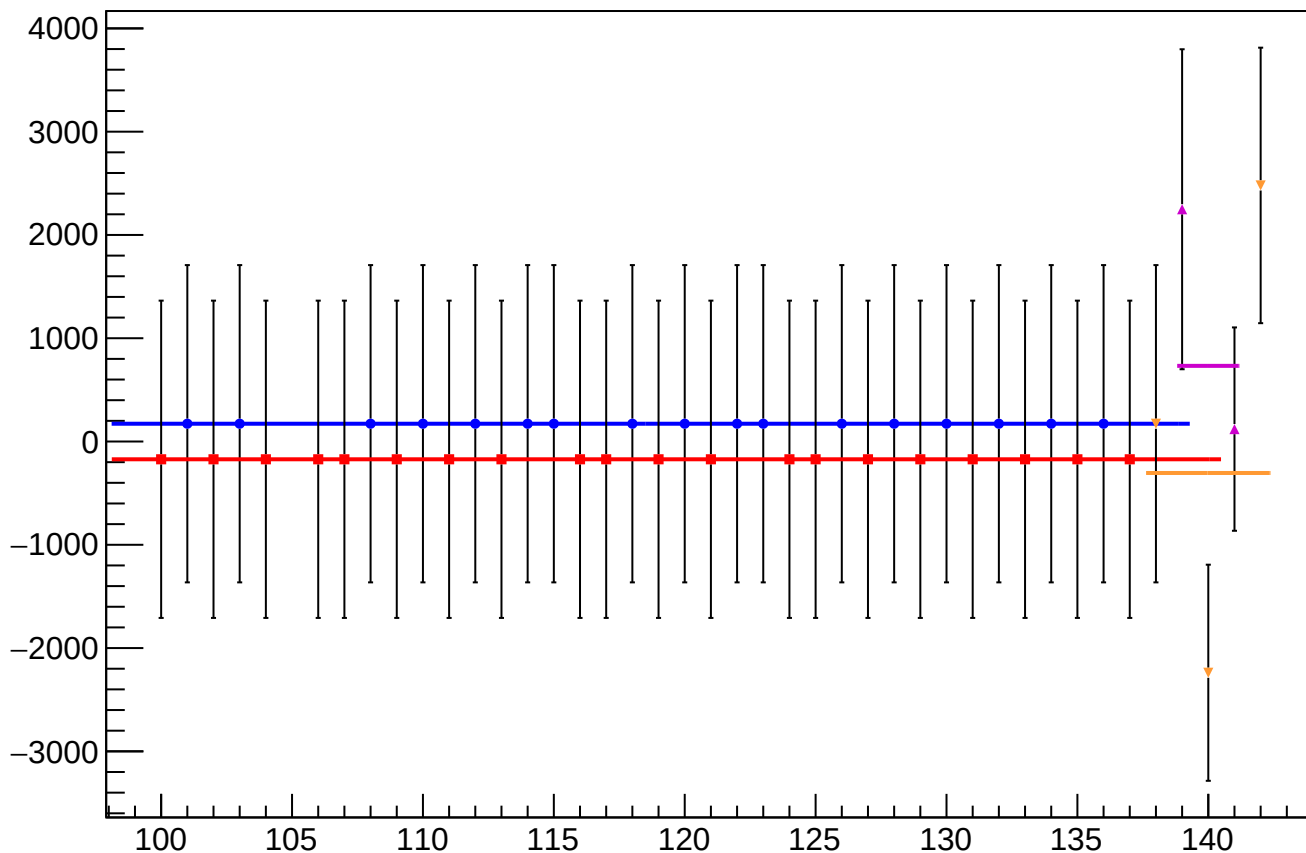
Left In: 134.009+/-0.077 χ^2/NDF : 174939.1/1

129.860+/-0.033 χ^2/NDF : 1388617.6/19

130.655+/-0.024 χ^2/NDF : 2996399.8/41

131.487+/-0.034 χ^2/NDF : 1606588.9/21

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 172.139 $\pm$ 372.553 χ^2 /NDF: 0.0/16

Left Out: -304.703 $\pm$ 725.581 χ^2 /NDF:7.9/2

Right Out: -172.139 $\pm$ 343.477 χ^2 /NDF: 0.0/19

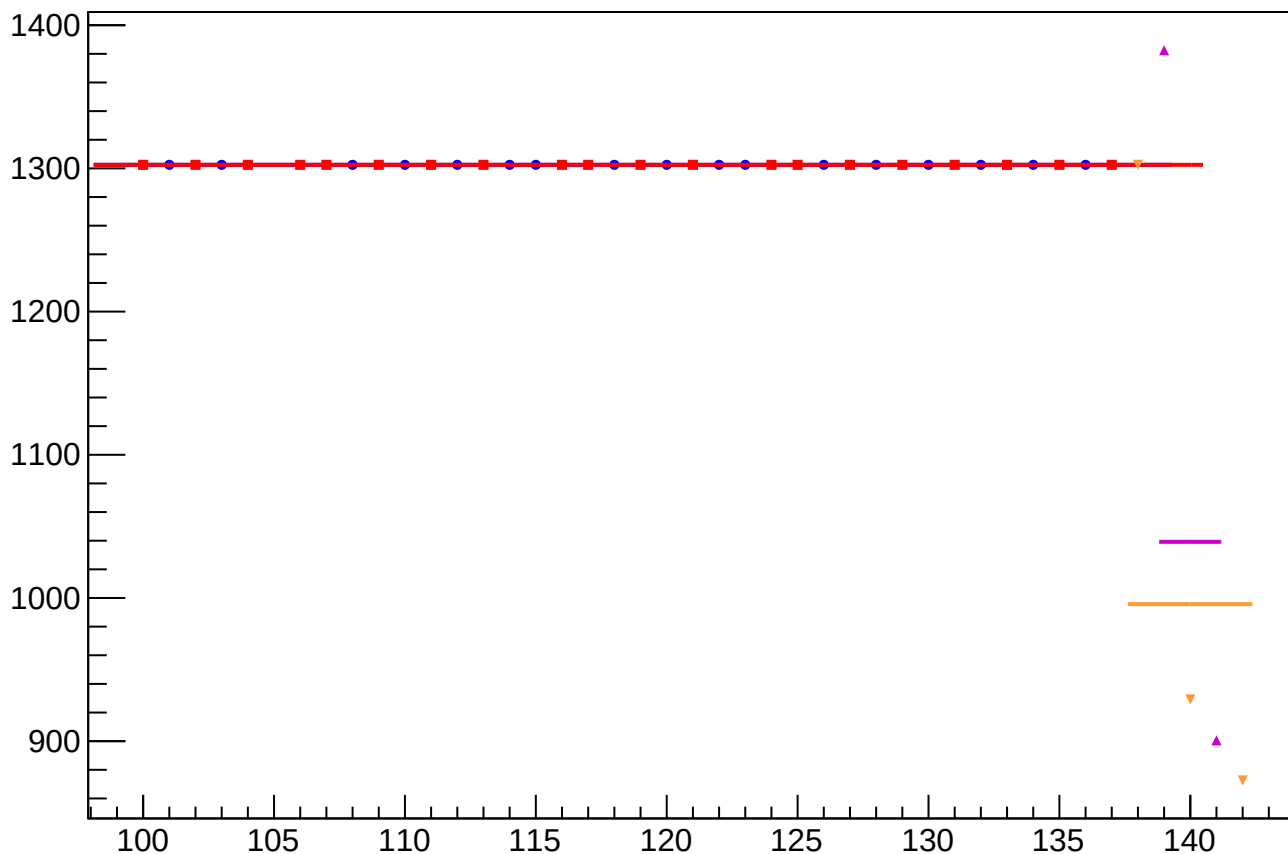
Left In: 732.557 $\pm$ 830.916 χ^2 /NDF:1.3/1

72.654 $\pm$ 331.419 χ^2 /NDF: 8.2/19

13.842 $\pm$ 229.241 χ^2 /NDF: 10.6/41

-40.109 $\pm$ 317.426 χ^2 /NDF: 2.4/21

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1302.497+/-0.263 χ^2/NDF : 0.0/16

Left Out: 995.706+/-0.513 χ^2/NDF :104919.3/2

Right Out: 1302.497+/-0.243 χ^2/NDF : 0.0/19

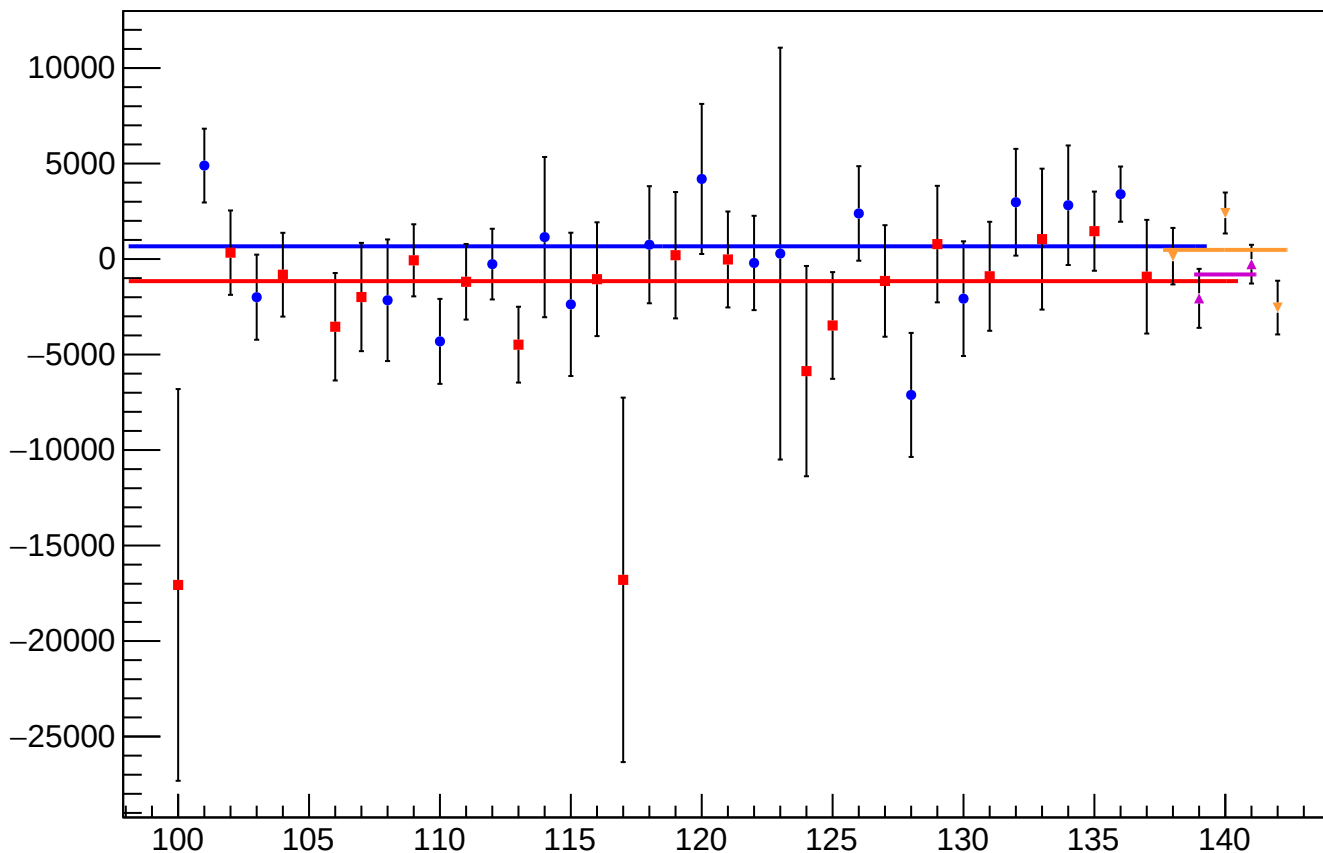
Left In: 1039.219+/-0.588 χ^2/NDF :137875.8/1

1238.490+/-0.234 χ^2/NDF : 387877.2/19

1251.834+/-0.162 χ^2/NDF : 703456.6/41

1264.075+/-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: 480.173+/-738.801 χ^2/NDF : 7.9/2

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

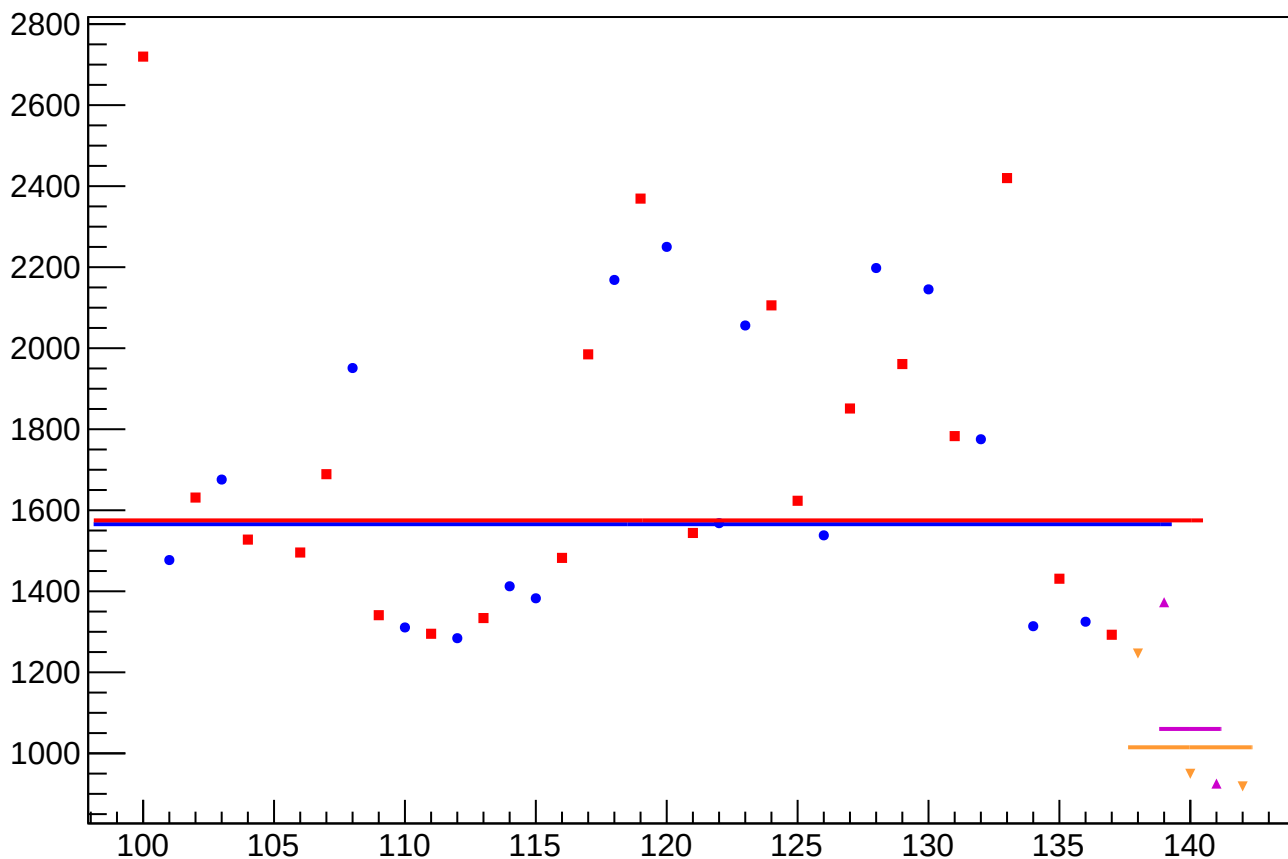
Left In: -807.834+/-847.416 χ^2/NDF : 0.9/1

589.645+/-474.402 χ^2/NDF : 33.6/19

-197.967+/-340.991 χ^2/NDF : 54.0/41

-1039.820+/-490.466 χ^2/NDF : 14.7/21

asym_sam3_rms vs Slug, Sign Corrected



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

Left Out: 1014.934 $\pm$ 0.522 χ^2 /NDF: 65786.5/2

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

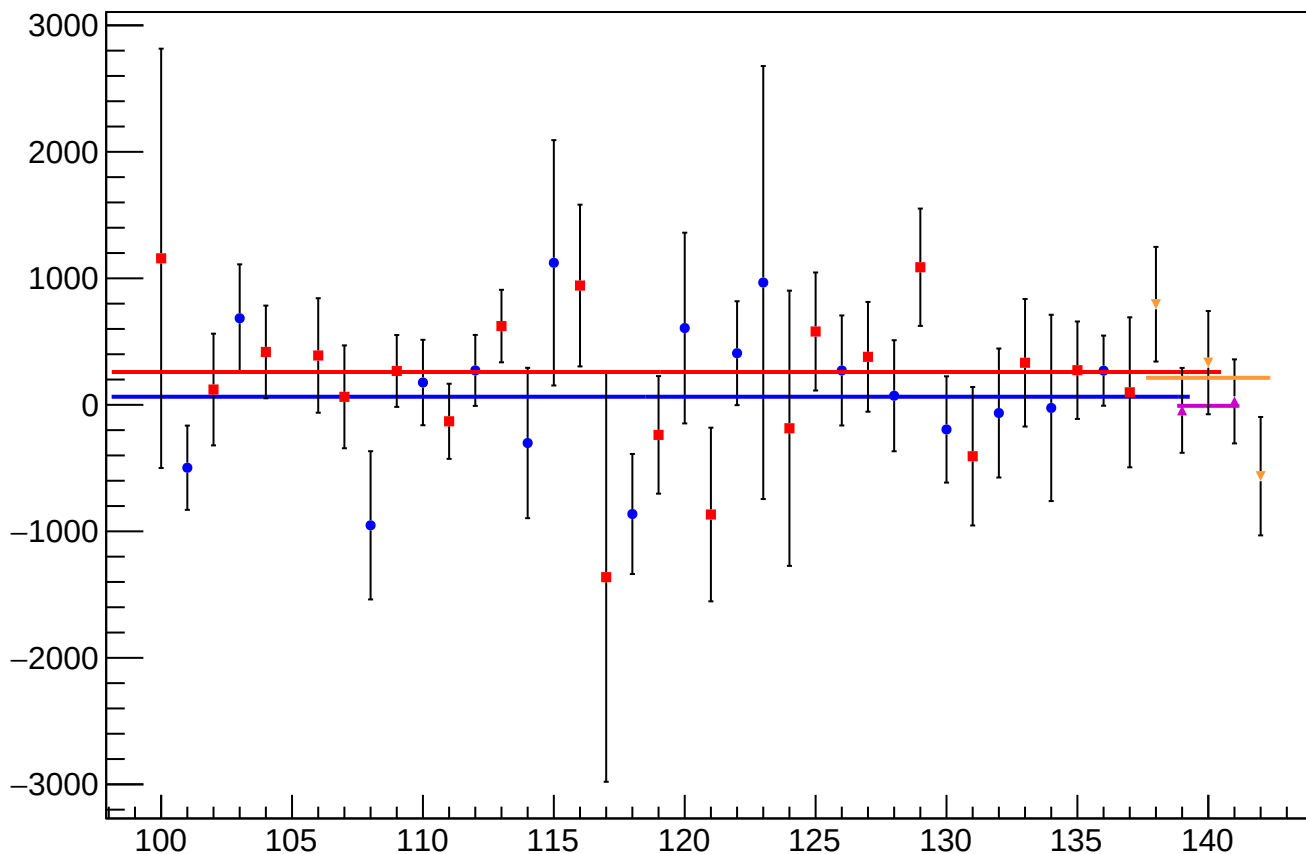
Left In: 1060.241 $\pm$ 0.599 χ^2 /NDF: 117484.0/1

1338.561 $\pm$ 0.335 χ^2 /NDF: 1209595.5/19

1369.497 $\pm$ 0.241 χ^2 /NDF: 2301191.4/41

1402.564 $\pm$ 0.347 χ^2 /NDF: 1073999.8/21

dit_asym_sam4_mean vs Slug, Sign Corrected



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

Left Out: 213.796 $\pm$ 254.469 χ^2 /NDF: 4.5/2

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

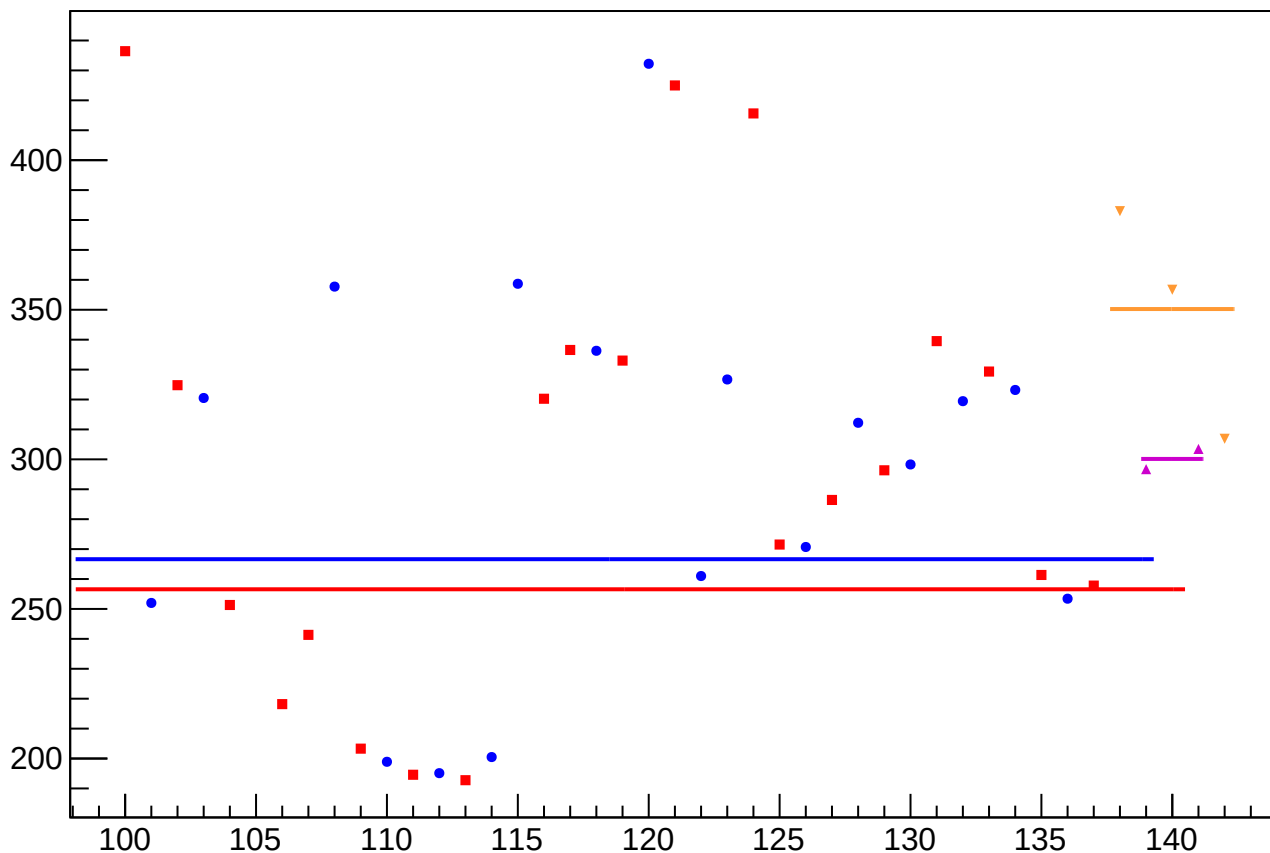
Left In: -7.757 $\pm$ 236.075 χ^2 /NDF: 0.0/1

85.987 $\pm$ 97.327 χ^2 /NDF: 21.5/19

156.862 $\pm$ 66.645 χ^2 /NDF: 39.3/41

219.433 $\pm$ 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: 350.241 $\pm$ 0.180 χ^2 /NDF:28094.7/2

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

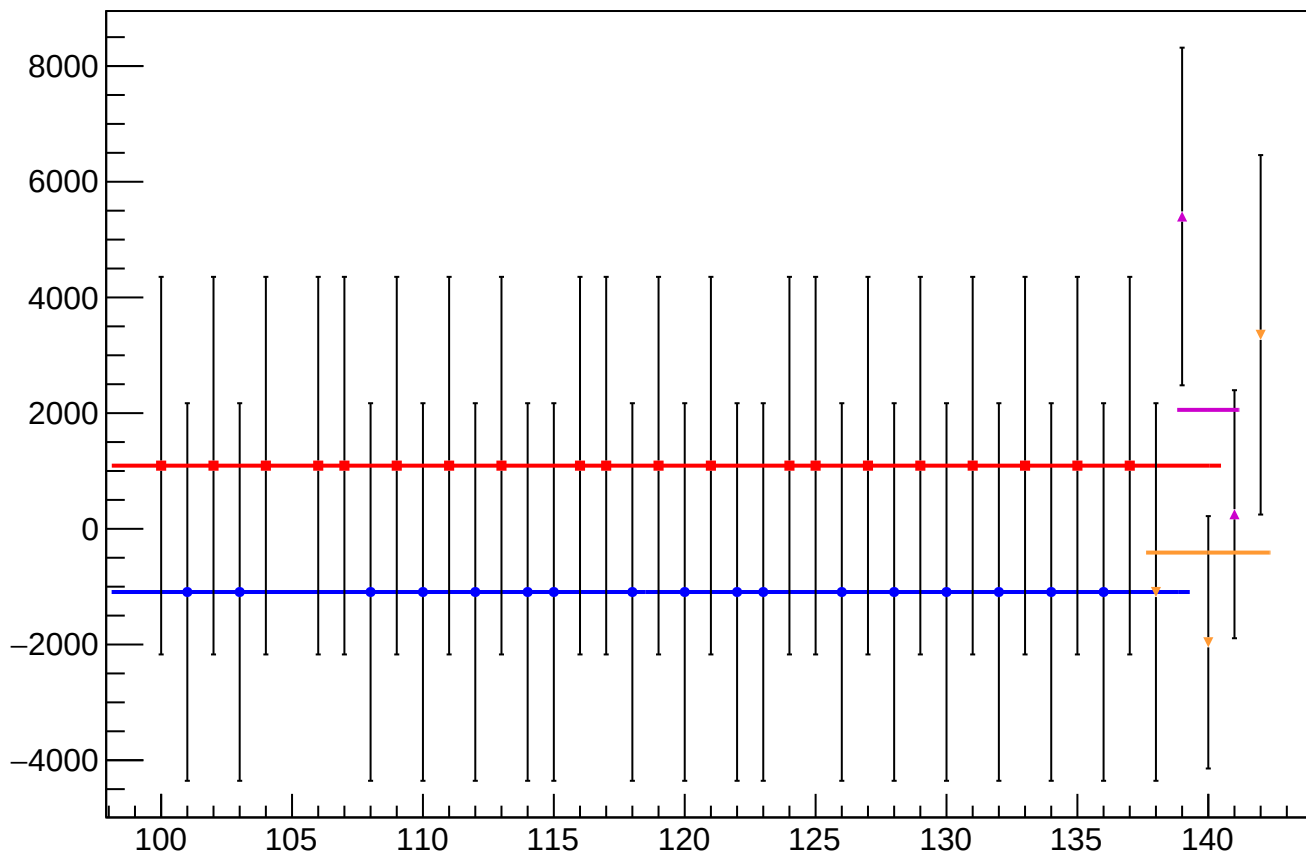
Left In: 300.138 $\pm$ 0.167 χ^2 /NDF:410.2/1

278.856 $\pm$ 0.069 χ^2 /NDF: 763203.4/19

270.492 $\pm$ 0.047 χ^2 /NDF: 1551127.0/41

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: -410.599+/-1566.374 χ^2/NDF : 2.0/2

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

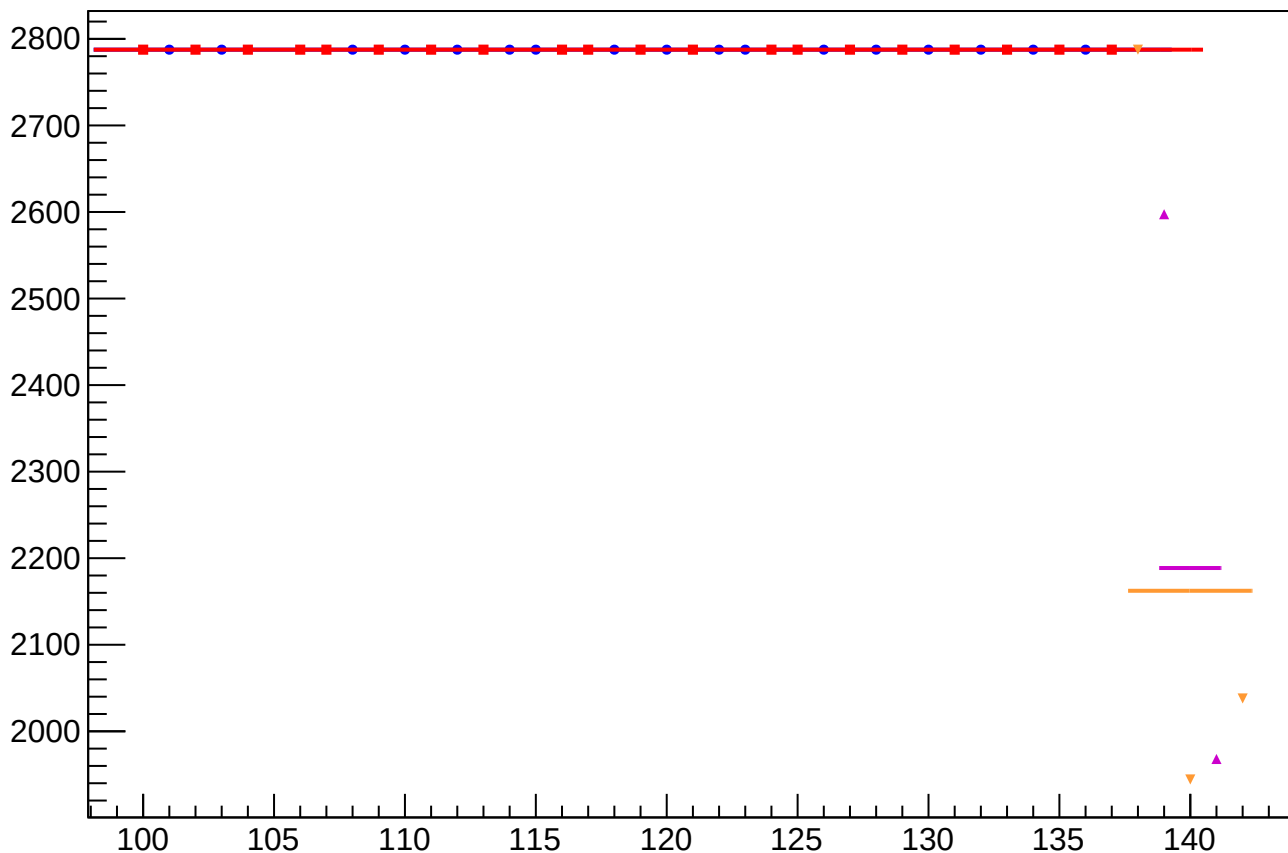
Left In: 2056.588+/-1727.887 χ^2/NDF : 2.0/1

-953.531+/-706.482 χ^2/NDF : 2.2/19

196.649+/-487.019 χ^2/NDF : 9.5/41

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: 2162.360 $\pm$ 1.108 χ^2 /NDF:96564.5/2

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

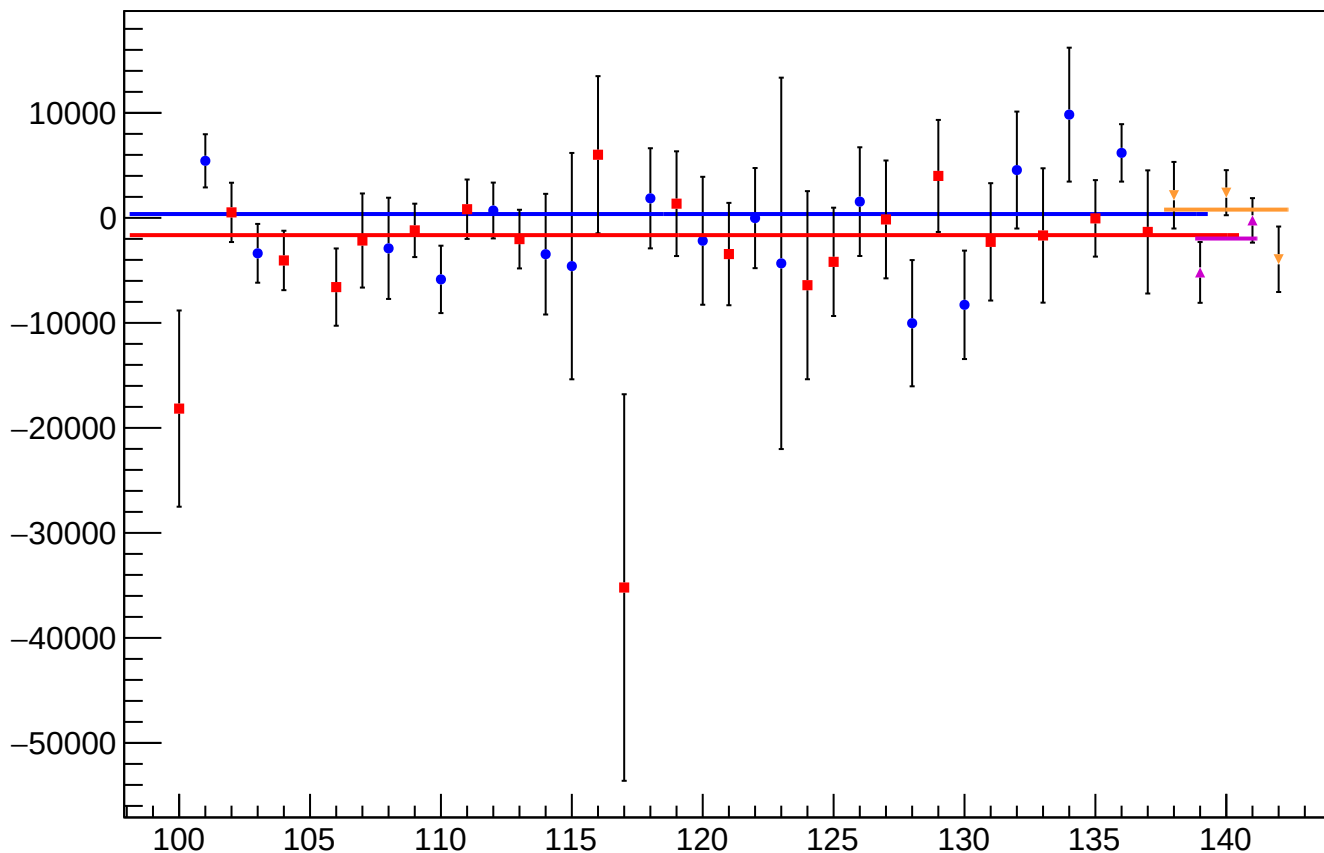
Left In: 2188.656 $\pm$ 1.222 χ^2 /NDF:60410.3/1

2660.362 $\pm$ 0.500 χ^2 /NDF: 350355.8/19

2679.527 $\pm$ 0.344 χ^2 /NDF: 617461.9/41

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: 787.259 ± 1544.082 χ^2/NDF : 3.1/2

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

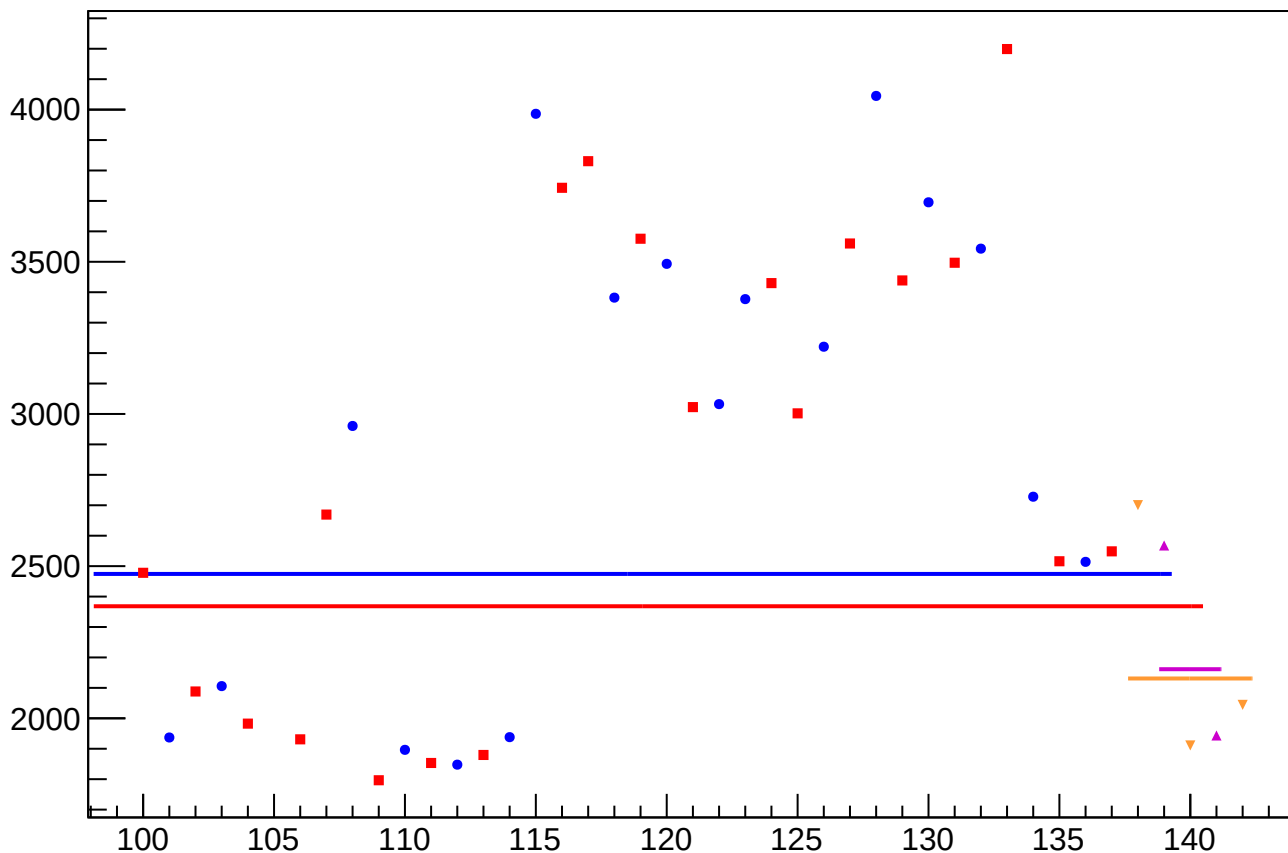
Left In: -1967.795 ± 1709.948 χ^2/NDF : 1.9/1

489.480 ± 834.888 χ^2/NDF : 27.3/19

-643.467 ± 582.138 χ^2/NDF : 46.7/41

-1715.457 ± 812.118 χ^2/NDF : 15.8/21

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2474.389+/-0.702 χ^2/NDF : 906262.1/16

Left Out: 2130.848+/-1.092 χ^2/NDF : 87109.4/2

Right Out: 2368.193+/-0.653 χ^2/NDF : 1036059.3/19

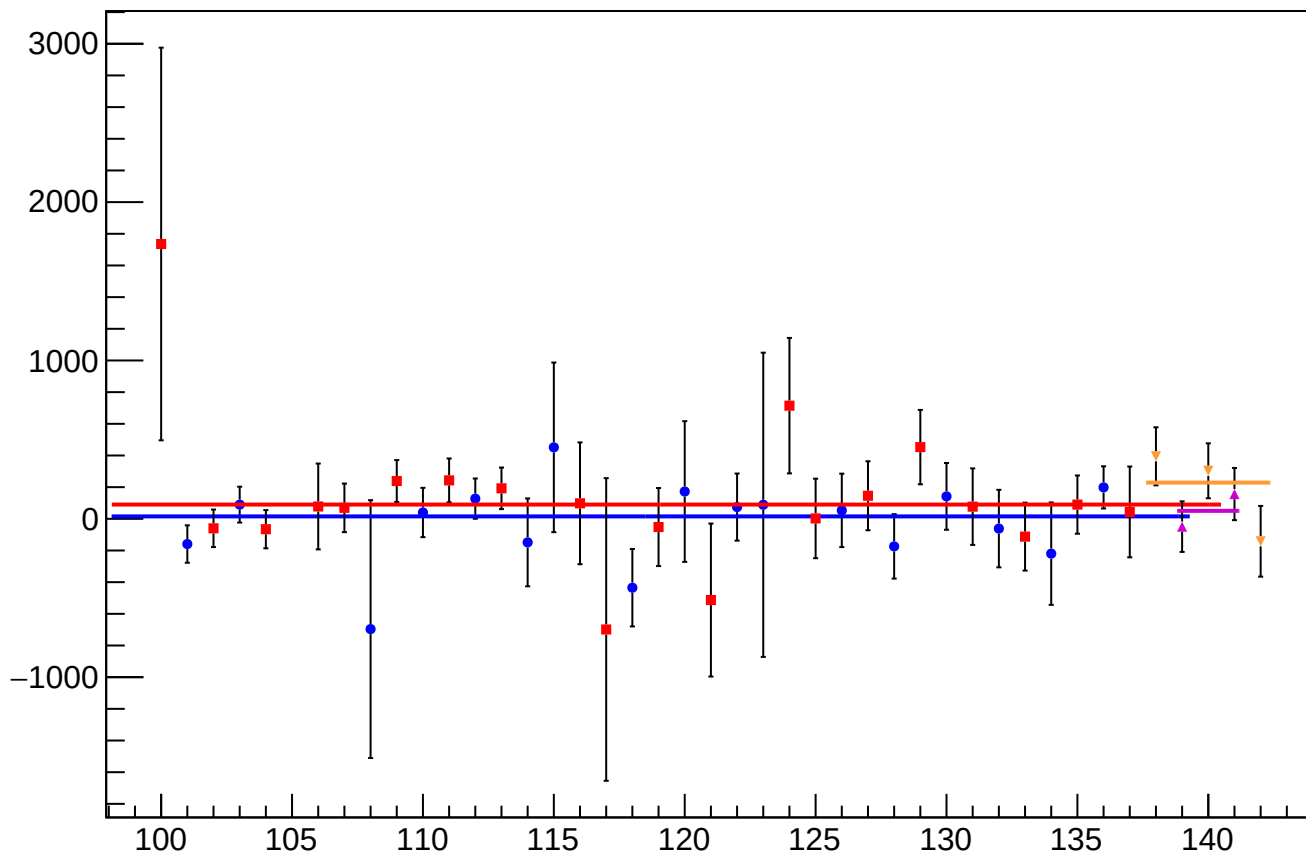
Left In: 2161.364+/-1.209 χ^2/NDF : 60556.3/1

2373.951+/-0.590 χ^2/NDF : 1063429.9/19

2347.021+/-0.412 χ^2/NDF : 2186756.0/41

2321.539+/-0.574 χ^2/NDF : 1119276.1/21

dit_asym_sam5_mean vs Slug, Sign Corrected



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

Left Out: 228.709+/-109.718 χ^2/NDF : 3.8/2

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

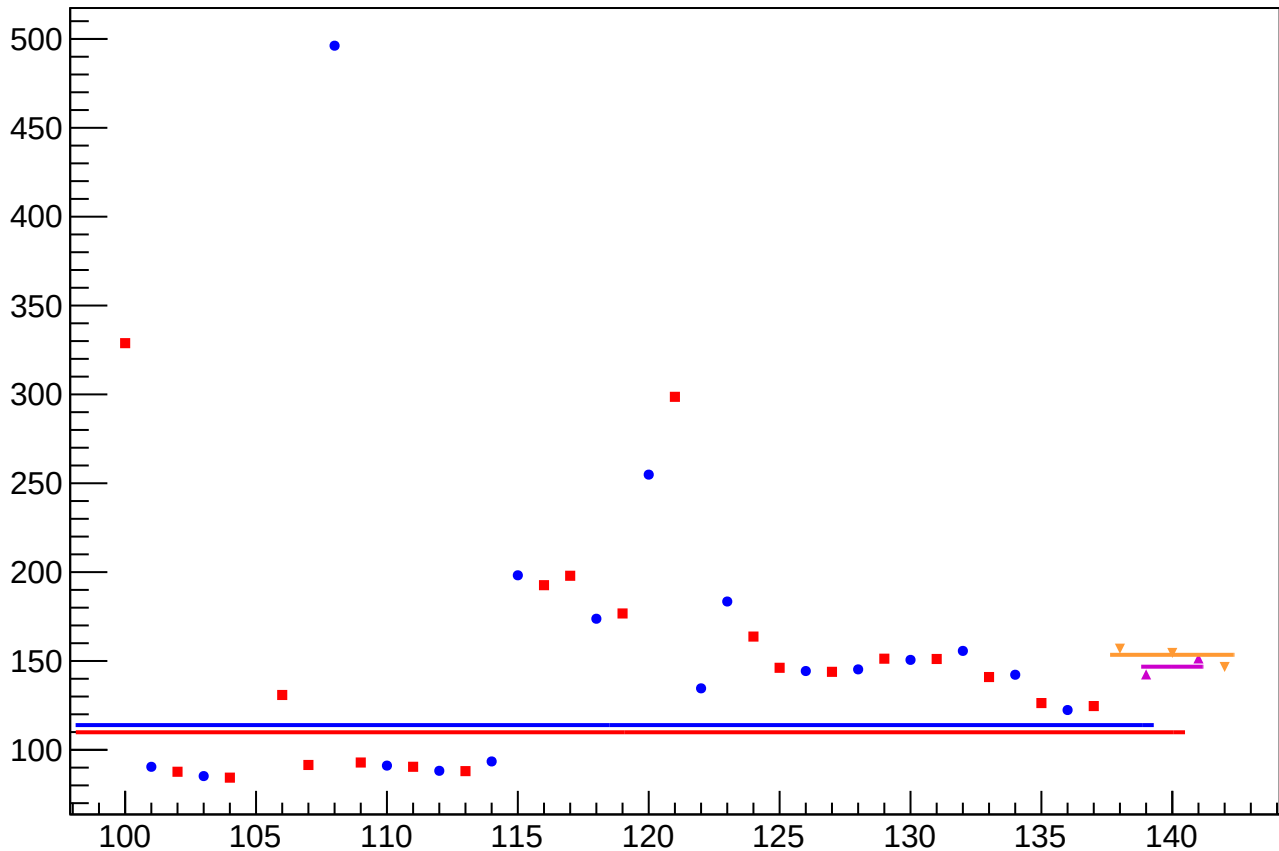
Left In: 50.330+/-114.688 χ^2/NDF : 0.8/1

47.731+/-42.770 χ^2/NDF : 19.5/19

67.422+/-29.403 χ^2/NDF : 37.2/41

85.067+/-40.488 χ^2/NDF : 17.3/21

dit_asym_sam5_rms vs Slug, Sign Corrected



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

Left Out: 153.477 $\pm$ 0.078 χ^2 /NDF: 2658.1/2

Right Out: 109.890 $\pm$ 0.031 χ^2 /NDF: 1259035.3/19

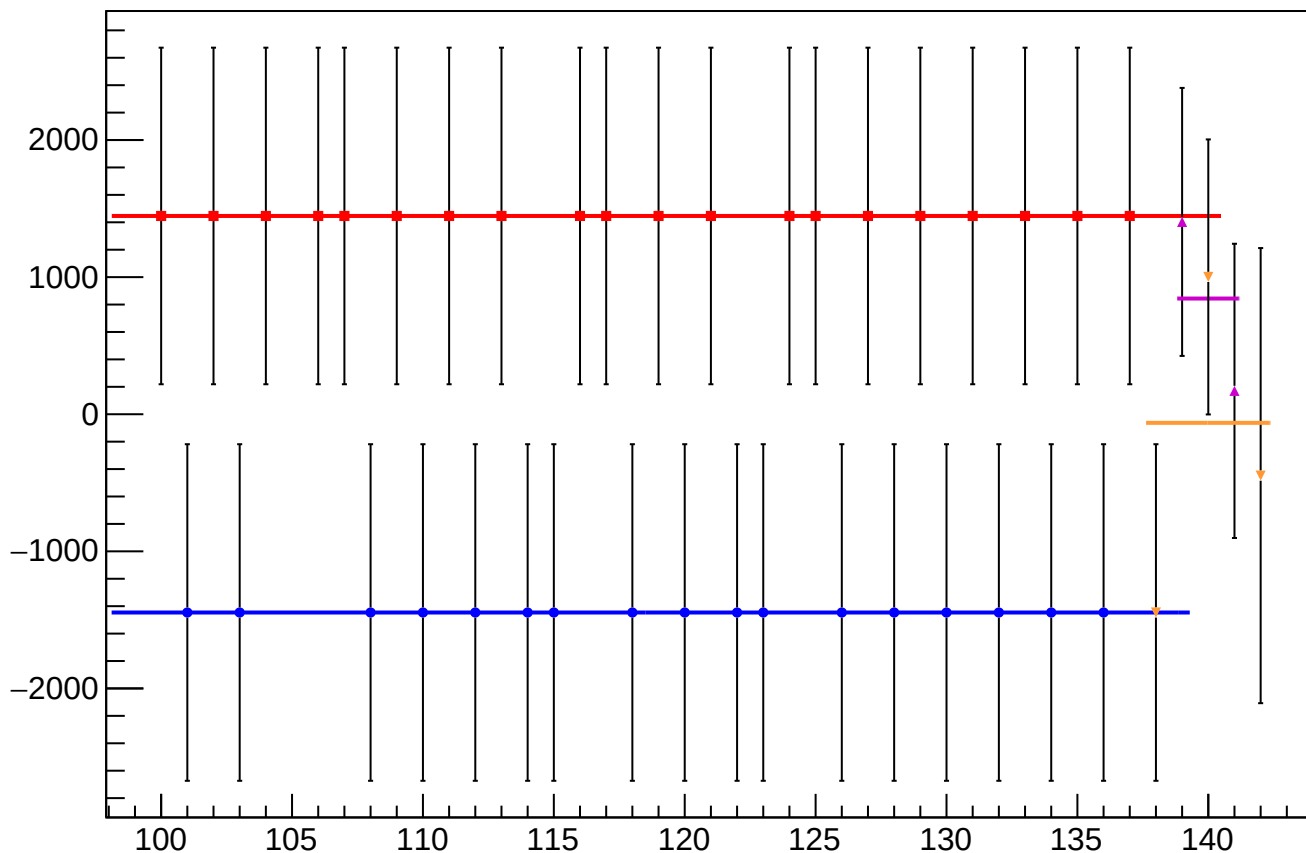
Left In: 146.792 $\pm$ 0.081 χ^2 /NDF: 3066.6/1

119.941 $\pm$ 0.030 χ^2 /NDF: 1630836.3/19

117.066 $\pm$ 0.021 χ^2 /NDF: 3091327.5/41

114.489 $\pm$ 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: -62.740 $\pm$ 703.472 χ^2 /NDF: 2.4/2

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

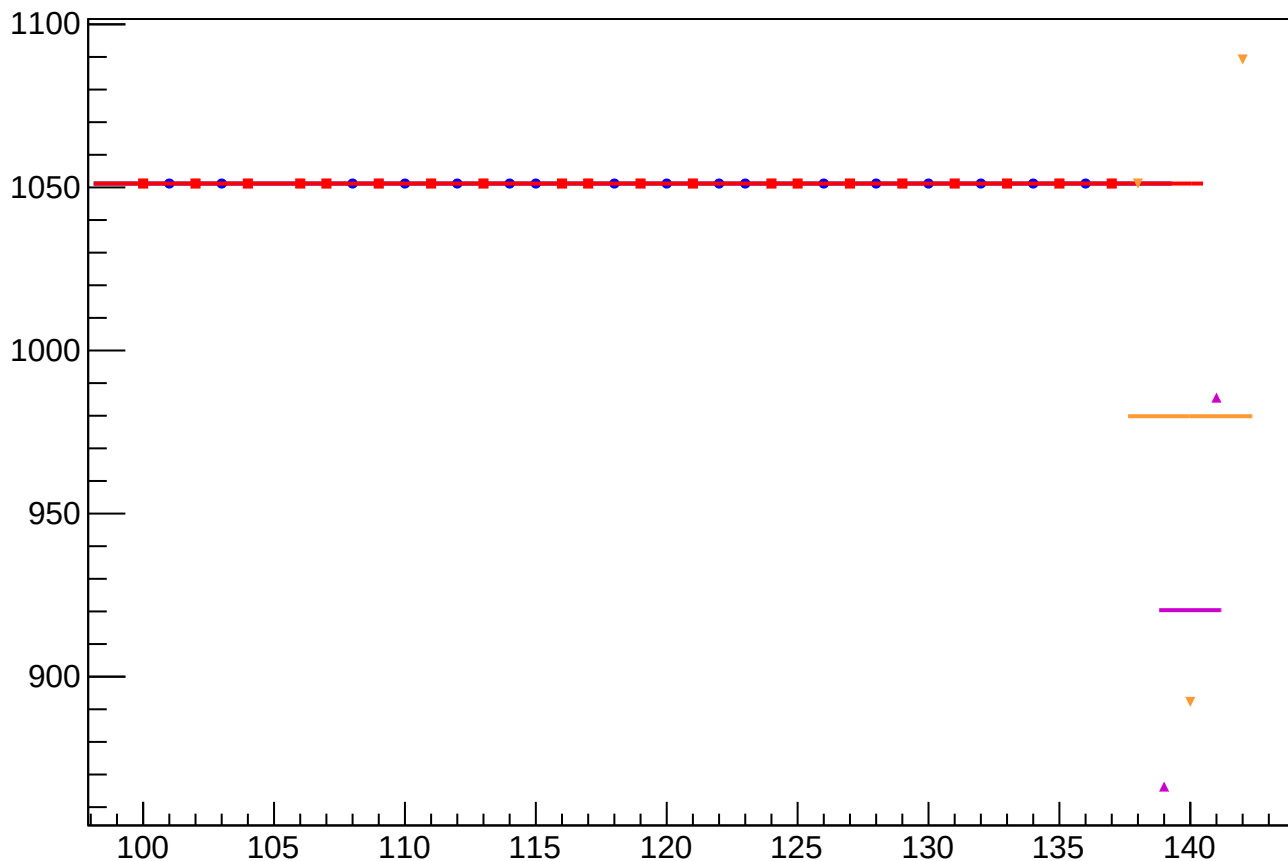
Left In: 843.917 $\pm$ 722.565 χ^2 /NDF: 0.7/1

-1236.035 $\pm$ 274.169 χ^2 /NDF: 5.7/19

153.339 $\pm$ 187.342 χ^2 /NDF: 55.2/41

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: 979.844 $\pm$ 0.497 χ^2 /NDF:30687.7/2

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

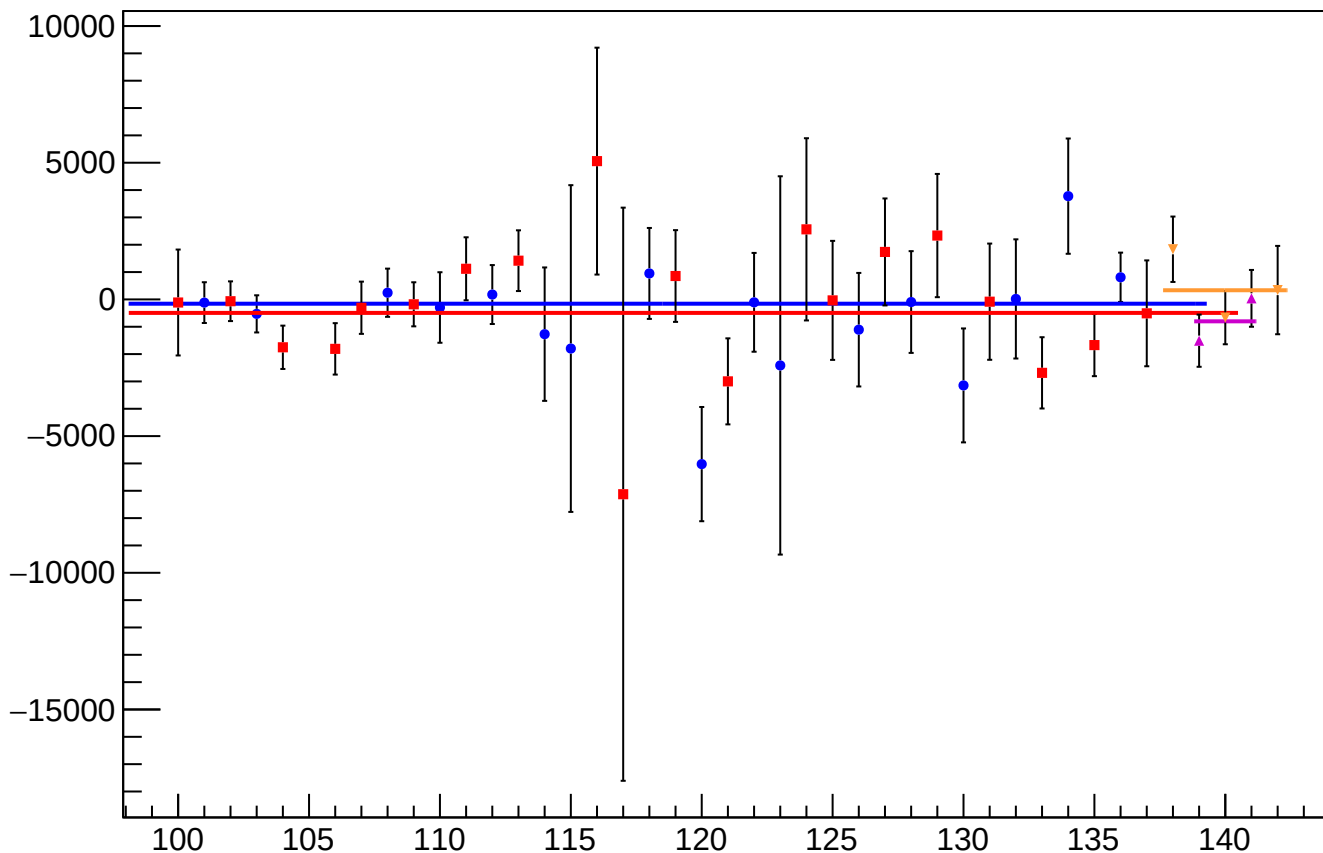
Left In: 920.390 $\pm$ 0.511 χ^2 /NDF:13500.6/1

1040.354 $\pm$ 0.194 χ^2 /NDF: 48135.1/19

1037.338 $\pm$ 0.132 χ^2 /NDF: 119363.6/41

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: 334.982+/-684.791 χ^2/NDF : 2.6/2

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

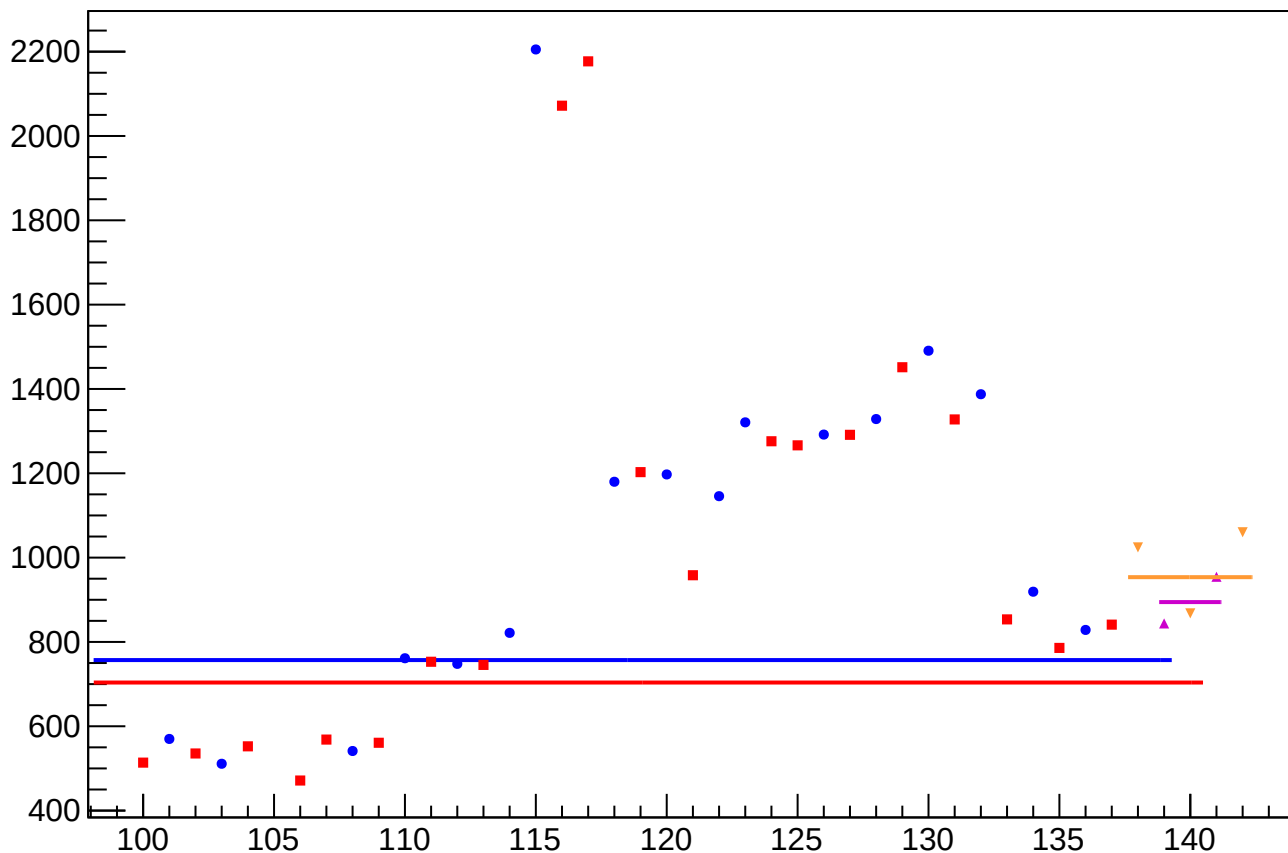
Left In: -801.757+/-702.954 χ^2/NDF : 1.2/1

-72.351+/-284.296 χ^2/NDF : 19.3/19

-323.024+/-192.762 χ^2/NDF : 45.1/41

-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: 953.616+/-0.484 χ^2/NDF : 31138.0/2

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

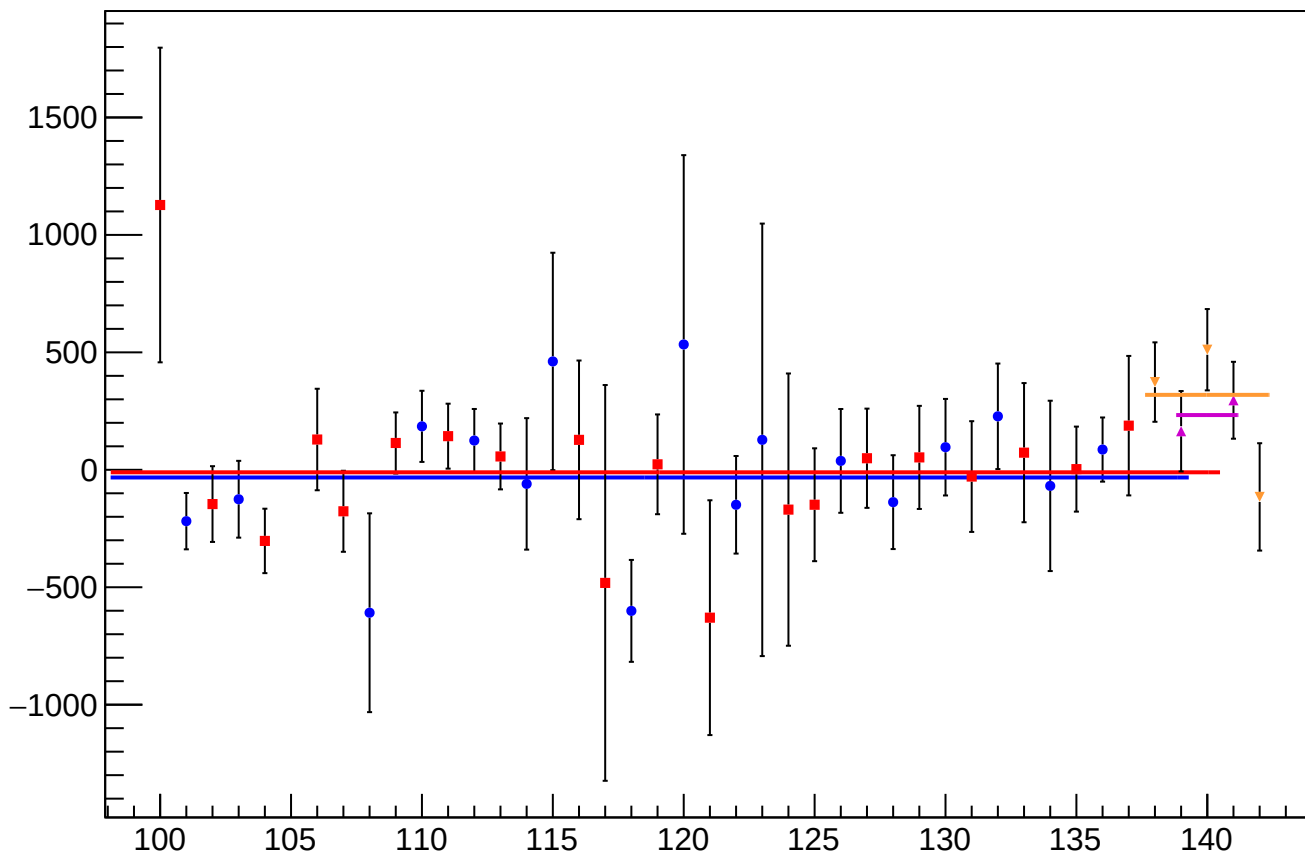
Left In: 894.528+/-0.497 χ^2/NDF : 12309.8/1

790.876+/-0.201 χ^2/NDF : 1878902.0/19

758.139+/-0.136 χ^2/NDF : 3796247.2/41

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: 319.049 ± 106.913 χ^2/NDF : 4.9/2

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

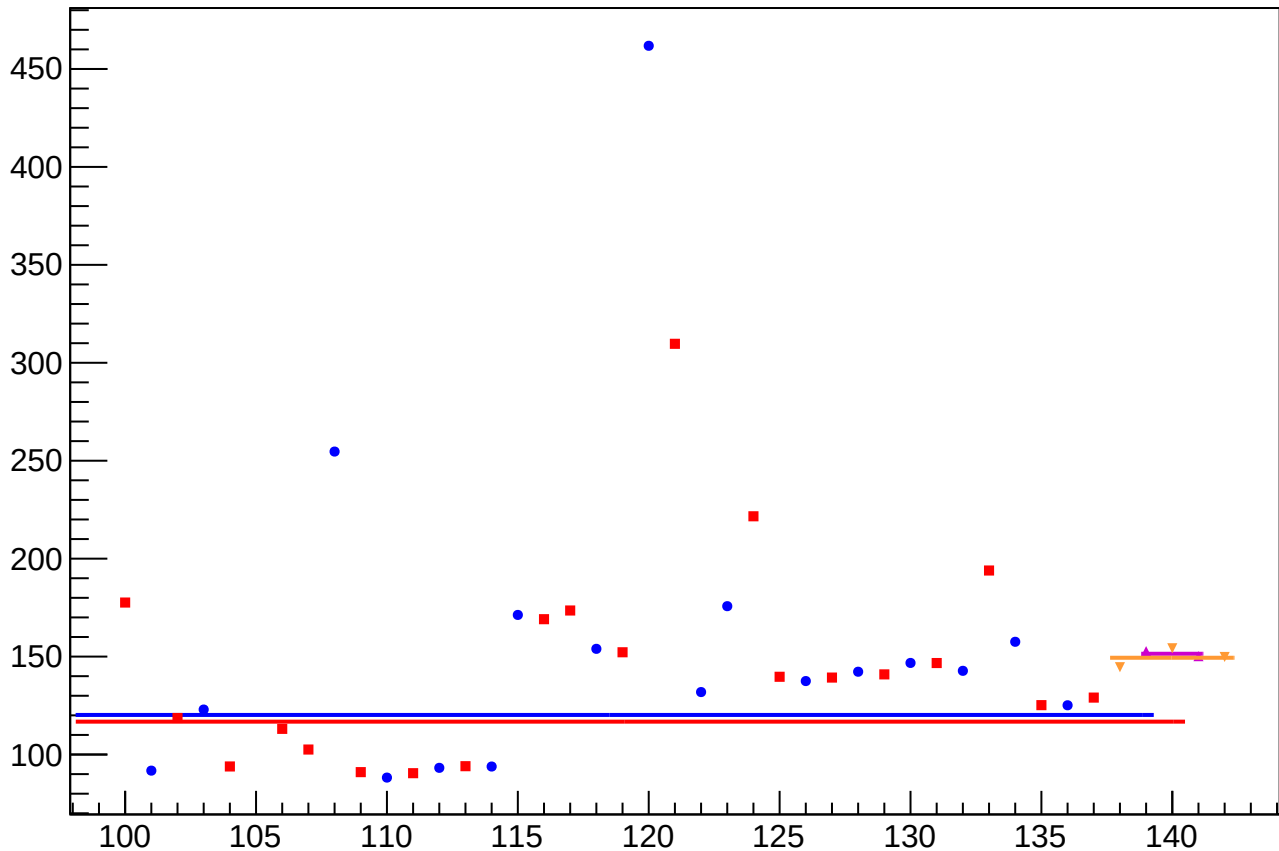
Left In: 233.057 ± 118.299 χ^2/NDF : 0.3/1

27.196 ± 44.116 χ^2/NDF : 33.7/19

23.873 ± 30.605 χ^2/NDF : 52.7/41

20.790 ± 42.494 χ^2/NDF : 19.0/21

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.207+/-0.034 χ^2/NDF : 1062326.6/16

Left Out: 149.405+/-0.076 χ^2/NDF :3204.8/2

Right Out: 116.784+/-0.032 χ^2/NDF : 1007058.0/19

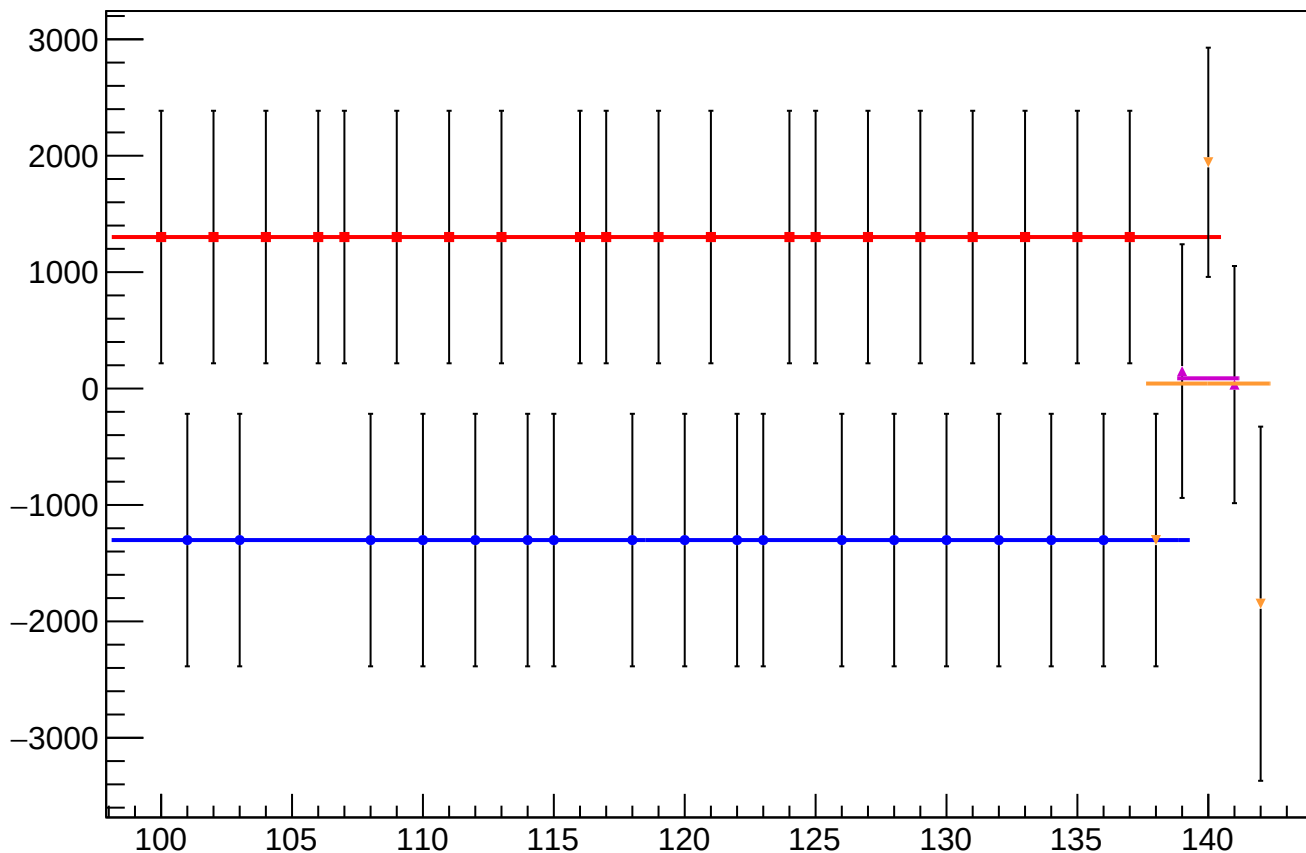
Left In: 151.445+/-0.084 χ^2/NDF :234.9/1

125.178+/-0.031 χ^2/NDF : 1189303.9/19

123.144+/-0.022 χ^2/NDF : 2354326.4/41

121.256+/-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: 42.981 ± 657.412 χ^2/NDF : 6.8/2

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

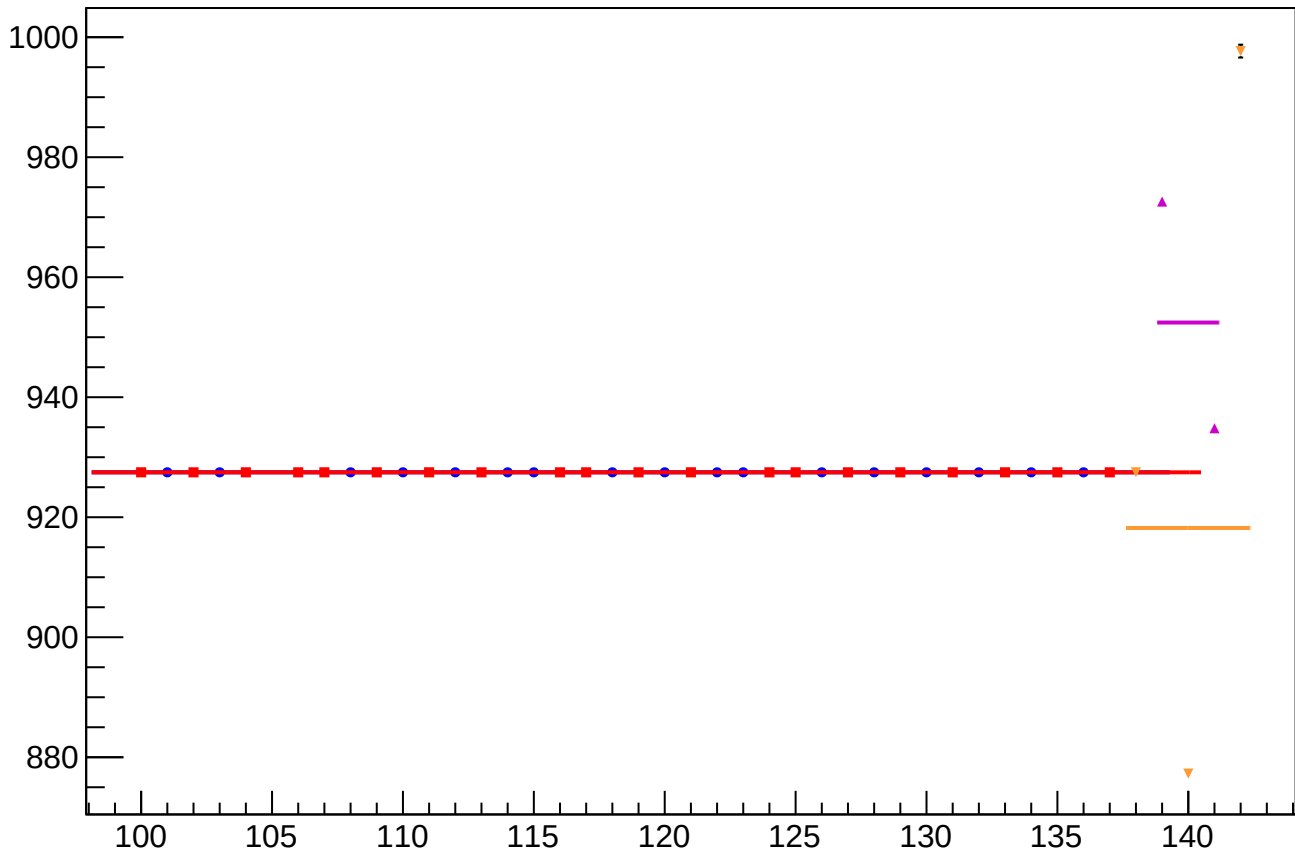
Left In: 88.087 ± 744.074 χ^2/NDF : 0.0/1

-1115.944 ± 244.222 χ^2/NDF : 10.4/19

100.573 ± 167.659 χ^2/NDF : 59.8/41

1184.965 ± 230.578 χ^2/NDF : 2.4/21

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 927.485 ± 0.186 χ^2/NDF : 0.0/16

Left Out: 918.211 ± 0.465 χ^2/NDF : 9062.4/2

Right Out: 927.485 ± 0.171 χ^2/NDF : 0.0/19

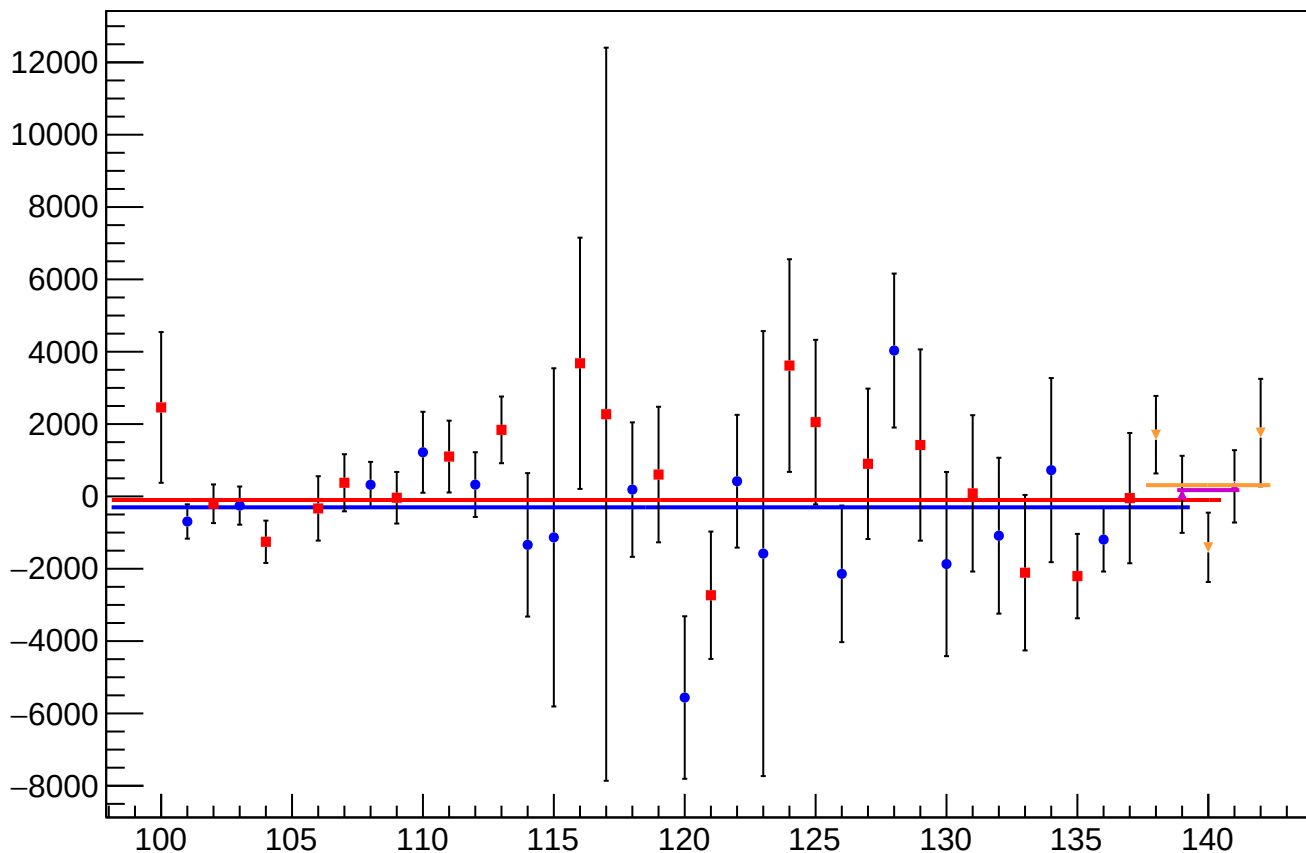
Left In: 952.446 ± 0.526 χ^2/NDF : 1283.3/1

926.205 ± 0.173 χ^2/NDF : 9405.5/19

928.149 ± 0.119 χ^2/NDF : 12963.1/41

929.882 ± 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: 311.412+/-643.790 χ^2/NDF : 5.9/2

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

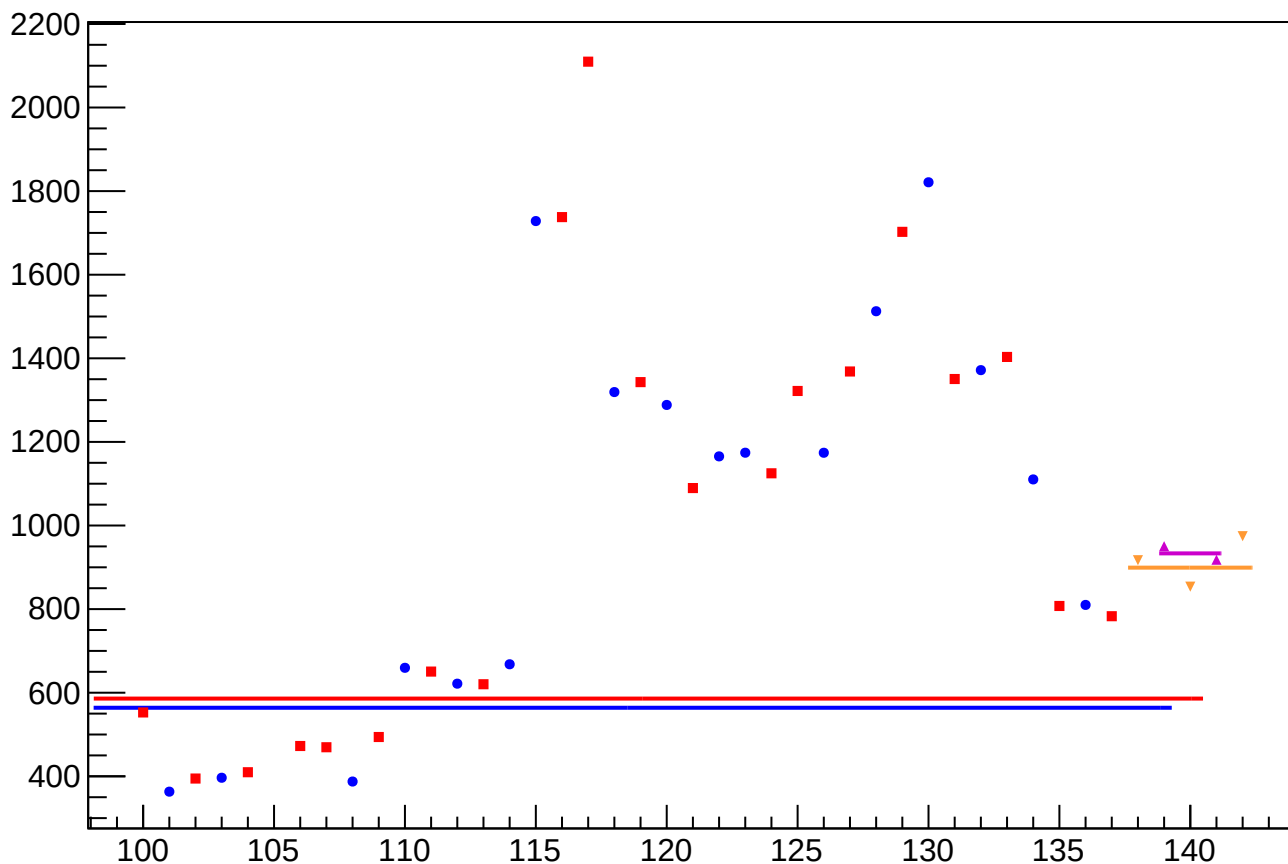
Left In: 174.817+/-729.123 χ^2/NDF : 0.0/1

-220.728+/-233.080 χ^2/NDF : 23.5/19

-146.066+/-164.789 χ^2/NDF : 46.4/41

-71.448+/-233.013 χ^2/NDF : 22.7/21

asym_sam6_rms vs Slug, Sign Corrected



Right In: 564.003+/-0.177 χ^2/NDF : 3261491.3/16

Left Out: 899.205+/-0.455 χ^2/NDF :10179.1/2

Right Out: 585.967+/-0.174 χ^2/NDF : 2866076.4/19

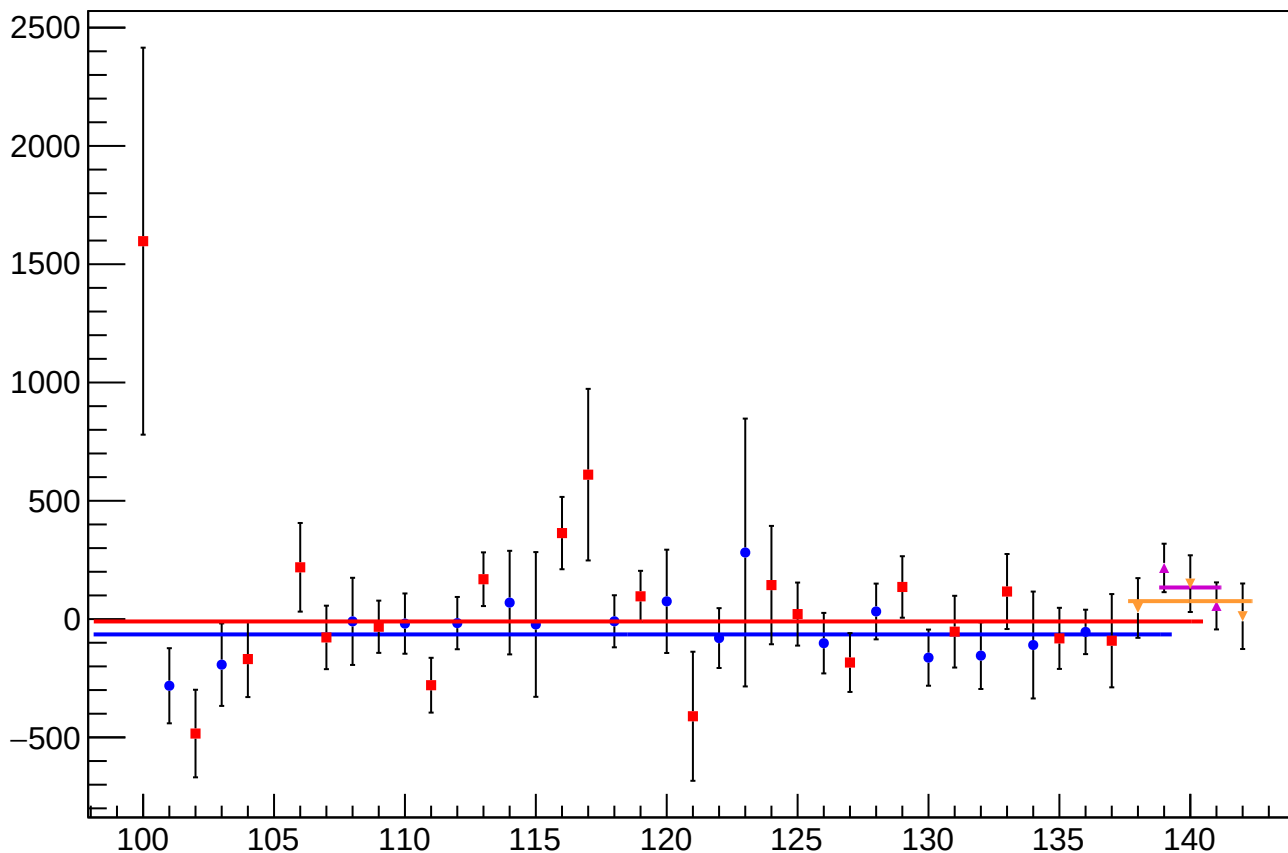
Left In: 933.320+/-0.516 χ^2/NDF :981.5/1

607.940+/-0.165 χ^2/NDF : 3742794.1/19

614.693+/-0.117 χ^2/NDF : 7020761.6/41

621.443+/-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: 75.844 ± 73.610 χ^2/NDF : 0.6/2

Right Out: -10.023 ± 33.281 χ^2/NDF : 37.9/19

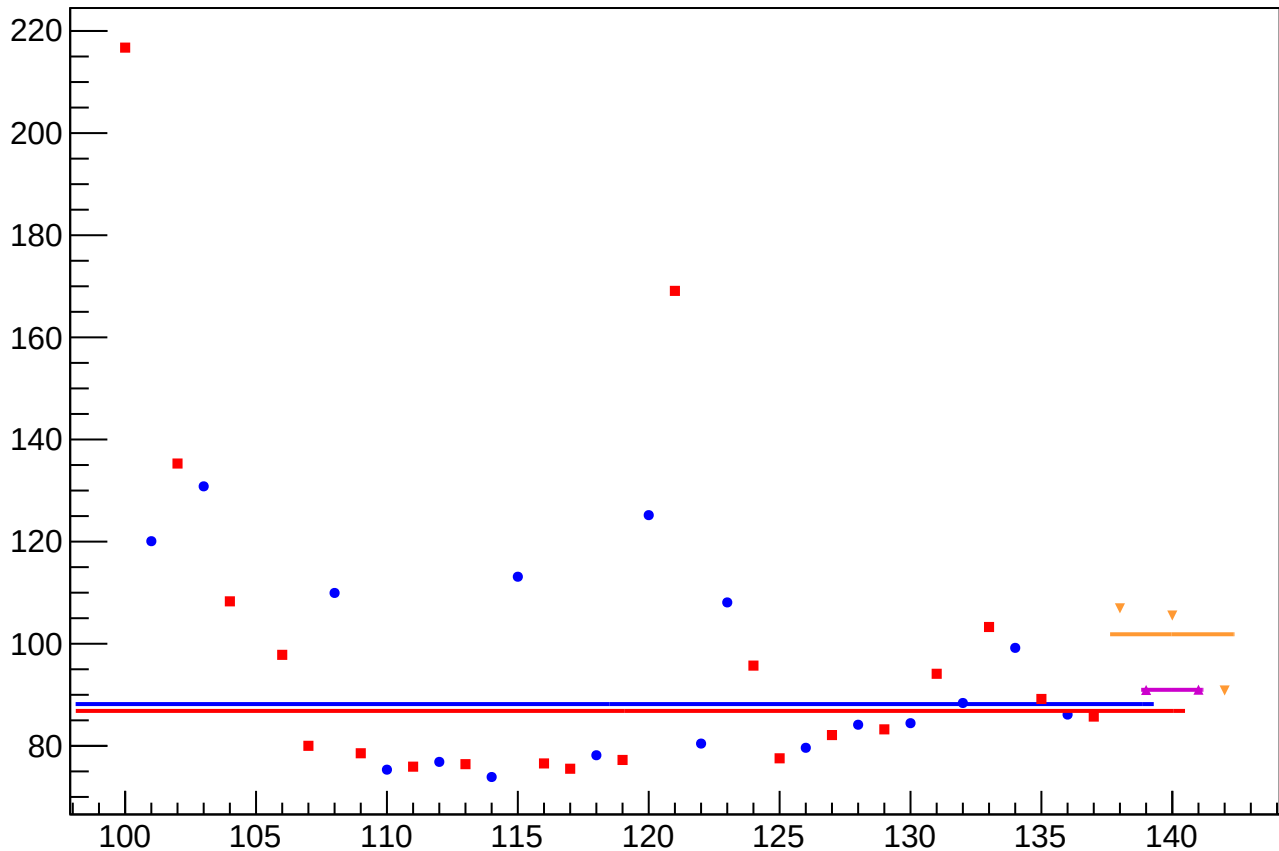
Left In: 133.567 ± 71.335 χ^2/NDF : 1.3/1

-39.311 ± 31.335 χ^2/NDF : 9.8/19

-10.784 ± 21.730 χ^2/NDF : 53.9/41

15.643 ± 30.160 χ^2/NDF : 42.5/21

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 88.186 $\pm$ 0.024 χ^2/NDF : 394447.7/16

Left Out: 101.857 $\pm$ 0.052 χ^2/NDF : 17758.6/2

Right Out: 86.847 $\pm$ 0.024 χ^2/NDF : 533326.2/19

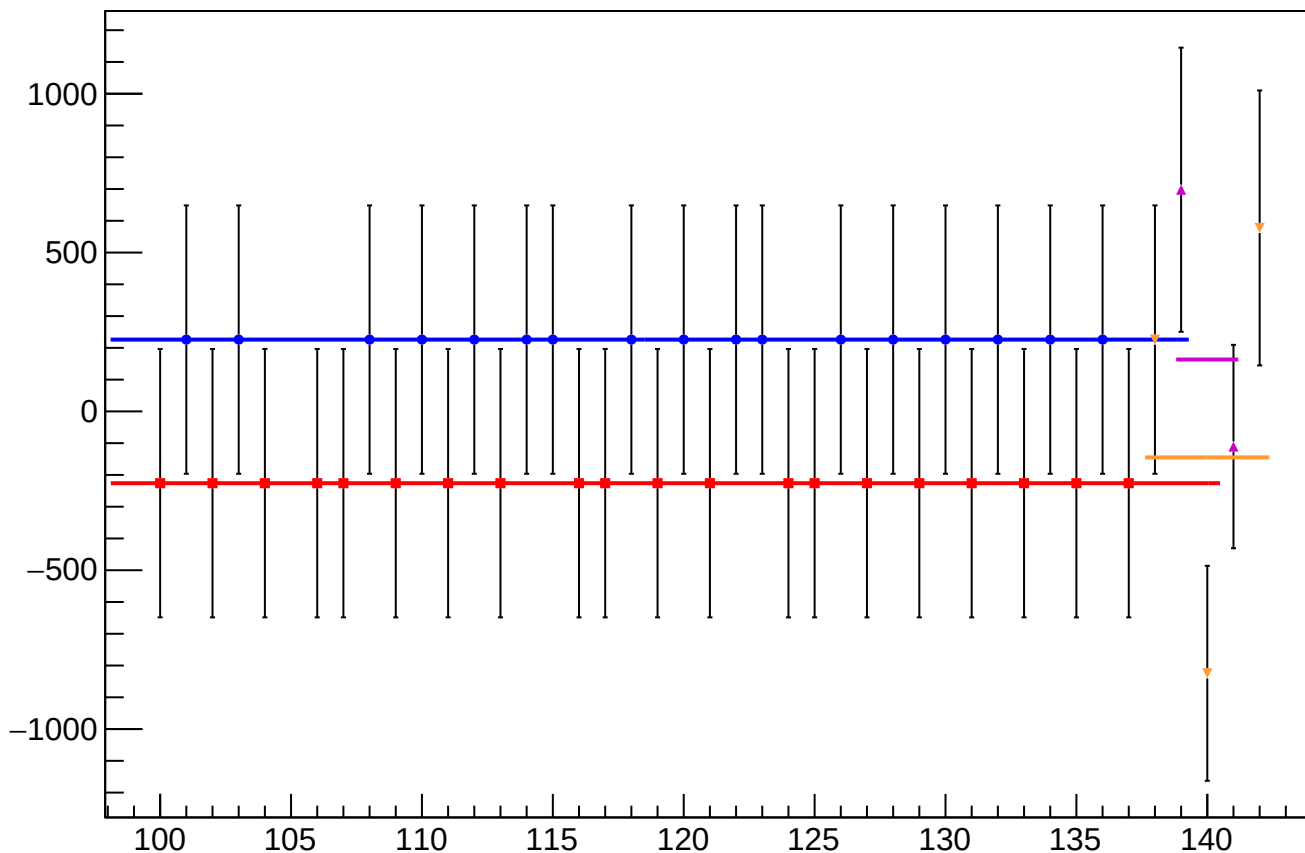
Left In: 90.978 $\pm$ 0.050 χ^2/NDF : 0.3/1

90.663 $\pm$ 0.022 χ^2/NDF : 468686.2/19

89.065 $\pm$ 0.015 χ^2/NDF : 1017540.5/41

87.585 $\pm$ 0.021 χ^2/NDF : 538836.1/21

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 226.028+/-102.449 χ^2/NDF : 0.0/16

Left Out: -144.895+/-225.439 χ^2/NDF : 7.6/2

Right Out: -226.028+/-94.454 χ^2/NDF : 0.0/19

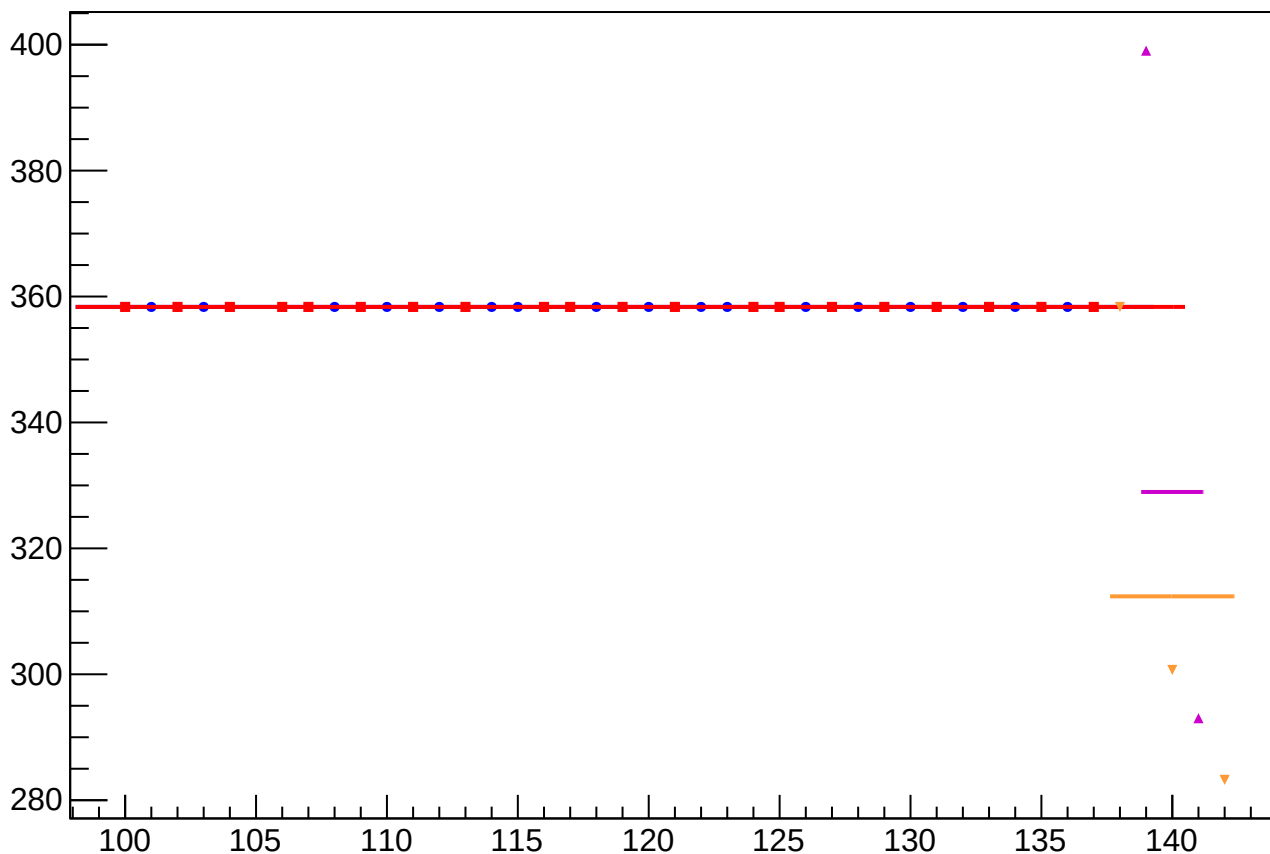
Left In: 163.321+/-260.323 χ^2/NDF : 2.2/1

162.538+/-93.270 χ^2/NDF : 9.8/19

-17.541+/-64.309 χ^2/NDF : 21.1/41

-180.734+/-88.790 χ^2/NDF : 4.1/21

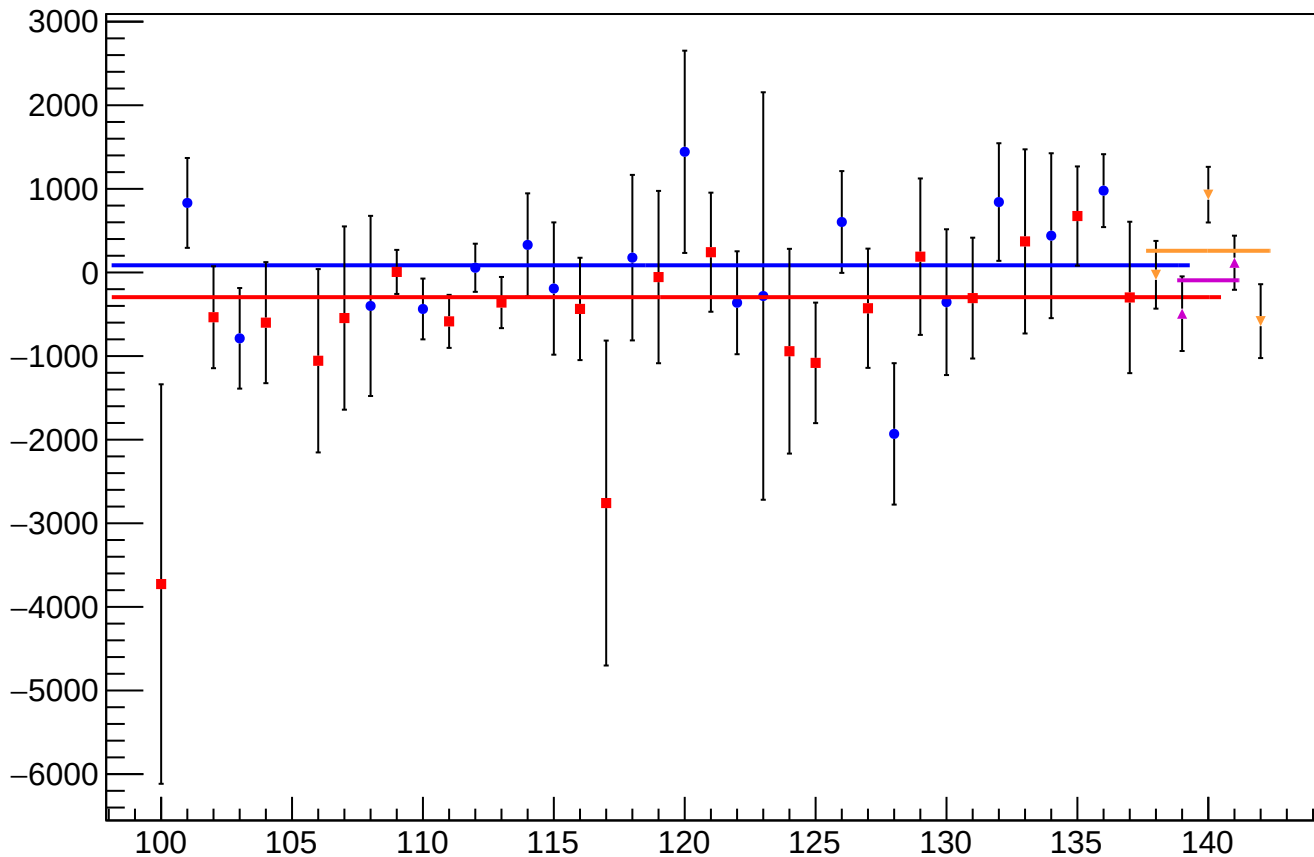
asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 358.350 $\pm$ 0.072 χ^2 /NDF: 0.0/16
 Left Out: 312.378 $\pm$ 0.159 χ^2 /NDF:35144.4/2
 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

350.481 $\pm$ 0.066 χ^2 /NDF: 104076.2/19
 352.815 $\pm$ 0.045 χ^2 /NDF: 203323.0/41
 354.931 $\pm$ 0.063 χ^2 /NDF: 96858.9/21

asym_sam7_mean vs Slug, Sign Corrected



Right In: 85.810 ± 142.601 χ^2/NDF : 20.6/16

Left Out: 259.334 ± 222.222 χ^2/NDF : 8.2/2

Right Out: -295.409 ± 129.312 χ^2/NDF : 12.2/19

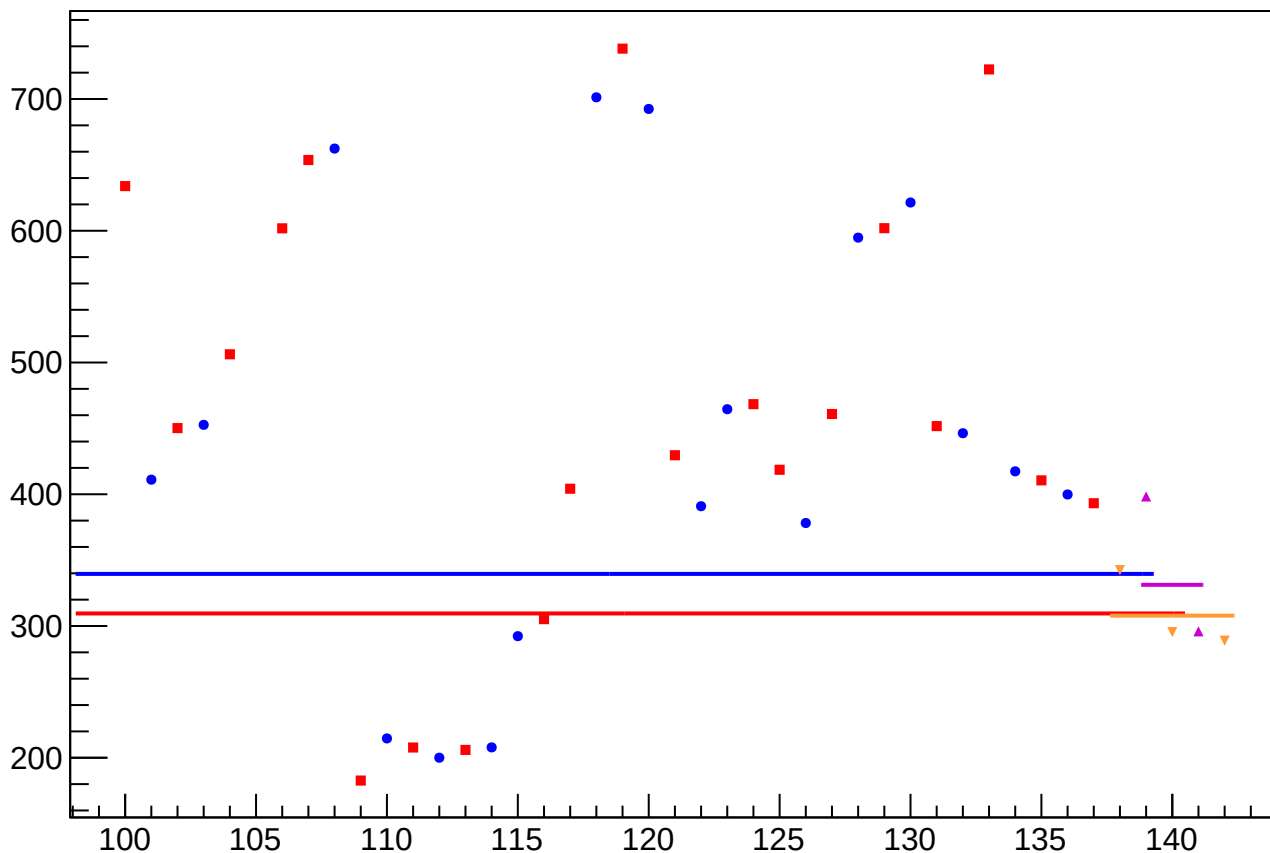
Left In: -93.613 ± 262.030 χ^2/NDF : 1.2/1

136.423 ± 120.016 χ^2/NDF : 29.2/19

-66.474 ± 83.393 χ^2/NDF : 48.6/41

-255.888 ± 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: 307.883 $\pm$ 0.157 χ^2 /NDF:21075.7/2

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

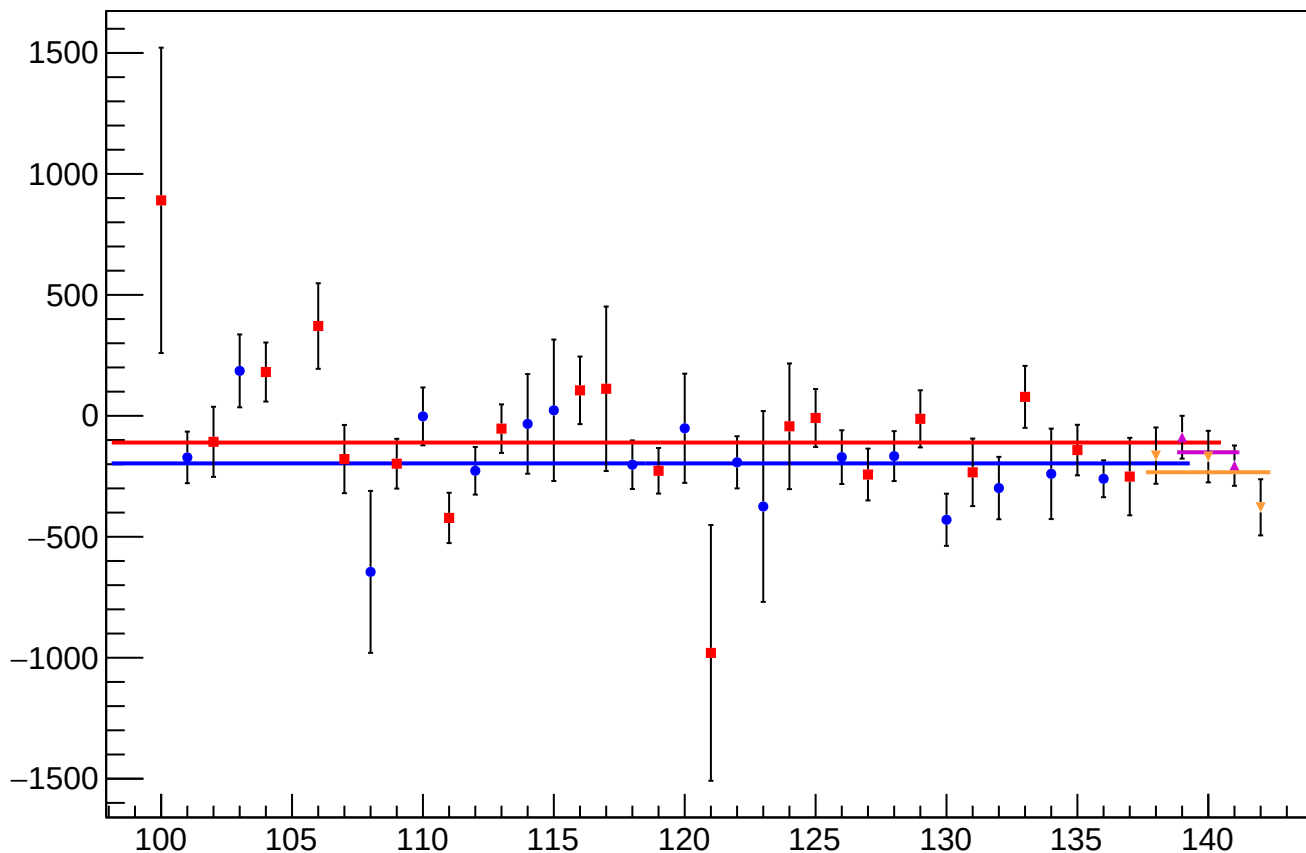
Left In: 331.240 $\pm$ 0.185 χ^2 /NDF:68957.3/1

330.315 $\pm$ 0.085 χ^2 /NDF: 2092091.5/19

321.763 $\pm$ 0.059 χ^2 /NDF: 4926808.0/41

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: -233.183 ± 65.076 χ^2/NDF : 2.3/2

Right Out: -110.410 ± 29.510 χ^2/NDF : 39.8/19

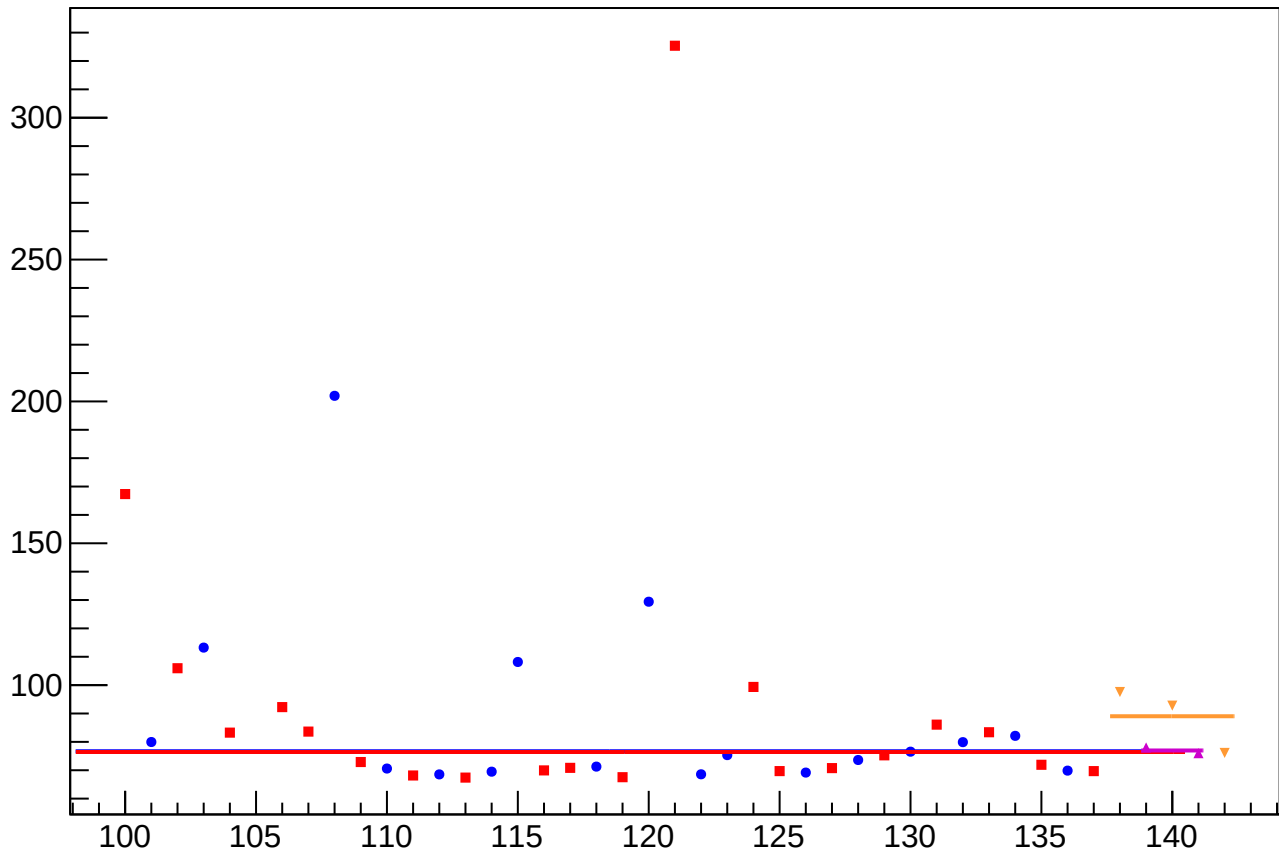
Left In: -150.672 ± 60.661 χ^2/NDF : 0.9/1

-203.152 ± 27.542 χ^2/NDF : 21.6/19

-159.053 ± 19.110 χ^2/NDF : 67.6/41

-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: 89.031 $\pm$ 0.046 χ^2 /NDF:38085.7/2

Right Out: 76.436 $\pm$ 0.021 χ^2 /NDF: 699907.3/19

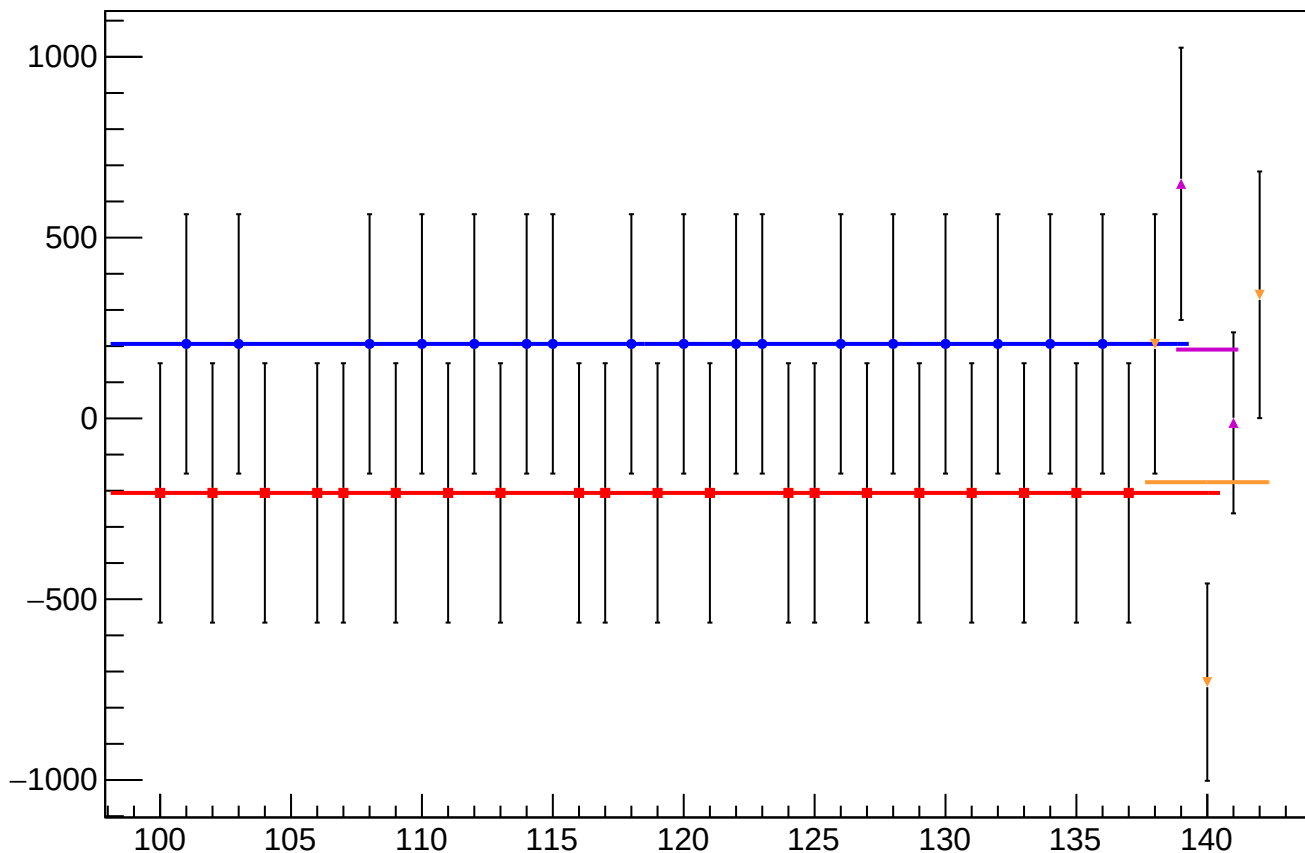
Left In: 76.962 $\pm$ 0.043 χ^2 /NDF:553.9/1

78.902 $\pm$ 0.019 χ^2 /NDF: 697457.1/19

77.676 $\pm$ 0.014 χ^2 /NDF: 1405689.0/41

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: -176.340 $\pm$ 183.185 χ^2 /NDF:7.6/2

Right Out: -206.066 $\pm$ 80.201 χ^2 /NDF: 0.0/19

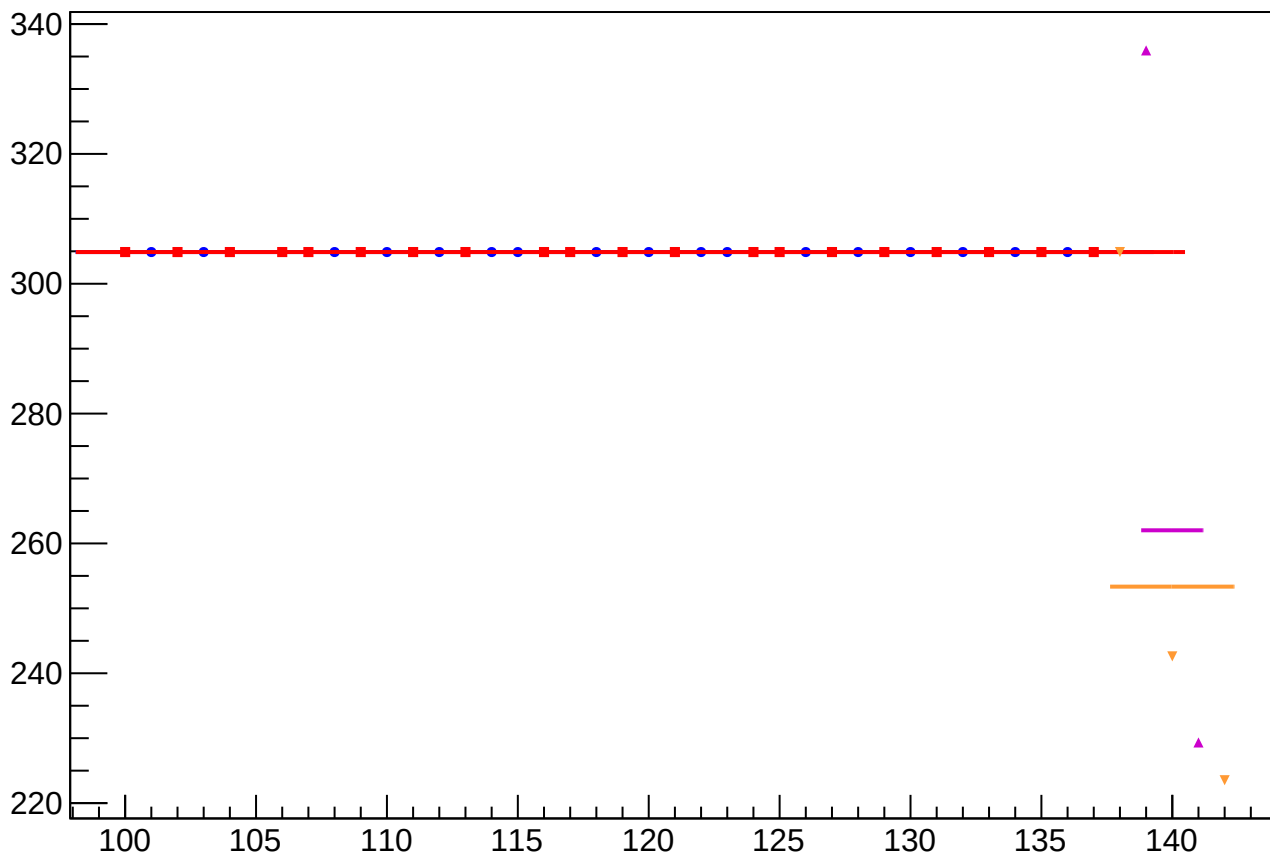
Left In: 190.400 $\pm$ 208.461 χ^2 /NDF:2.1/1

135.699 $\pm$ 78.580 χ^2 /NDF: 11.1/19

-16.682 $\pm$ 54.198 χ^2 /NDF: 23.6/41

-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: 253.345 $\pm$ 0.130 χ^2 /NDF: 59683.3/2

Right Out: 304.883 $\pm$ 0.057 χ^2 /NDF: 0.0/19

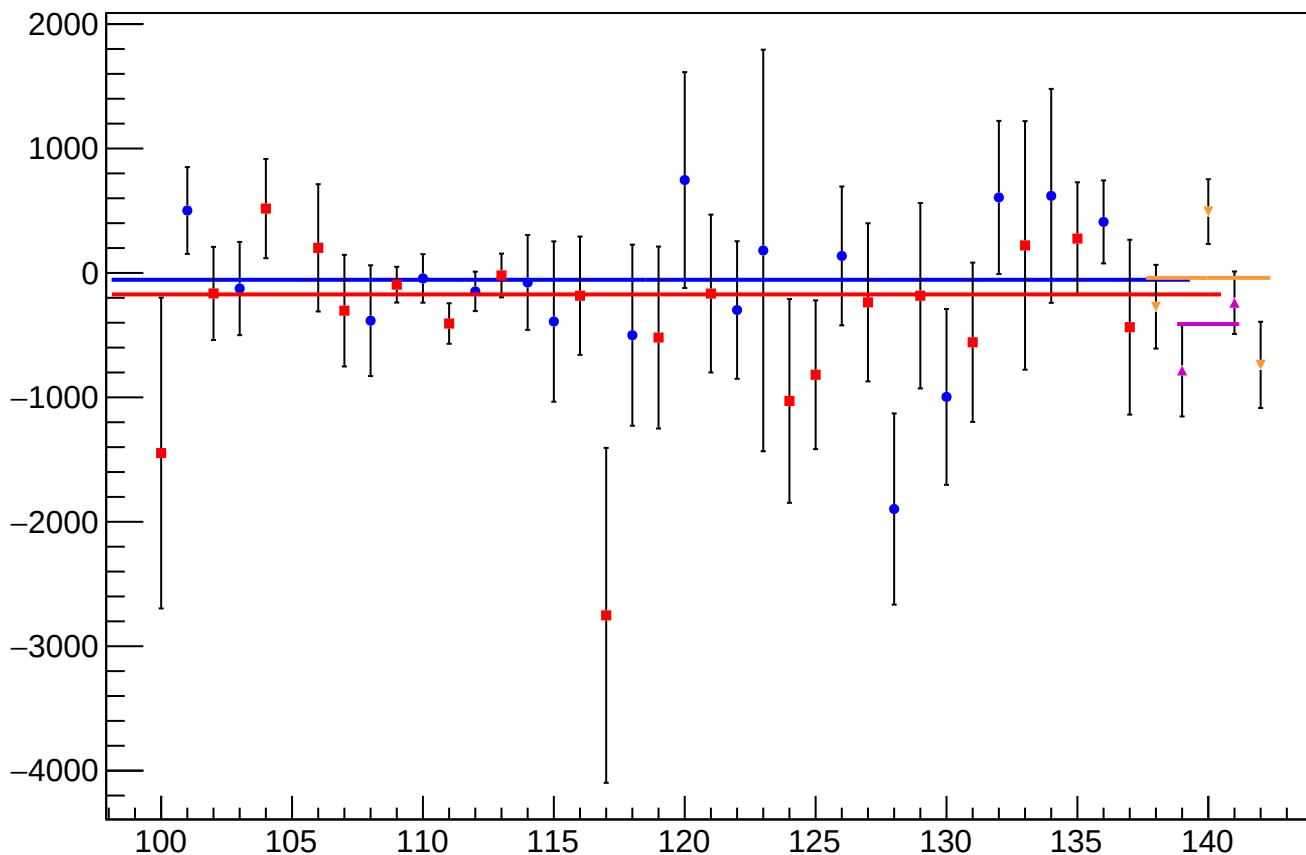
Left In: 262.023 $\pm$ 0.147 χ^2 /NDF: 111178.7/1

295.399 $\pm$ 0.056 χ^2 /NDF: 188860.6/19

297.474 $\pm$ 0.038 χ^2 /NDF: 376343.4/41

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: -39.764 ± 176.944 χ^2/NDF : 8.7/2

Right Out: -172.563 ± 76.778 χ^2/NDF : 15.6/19

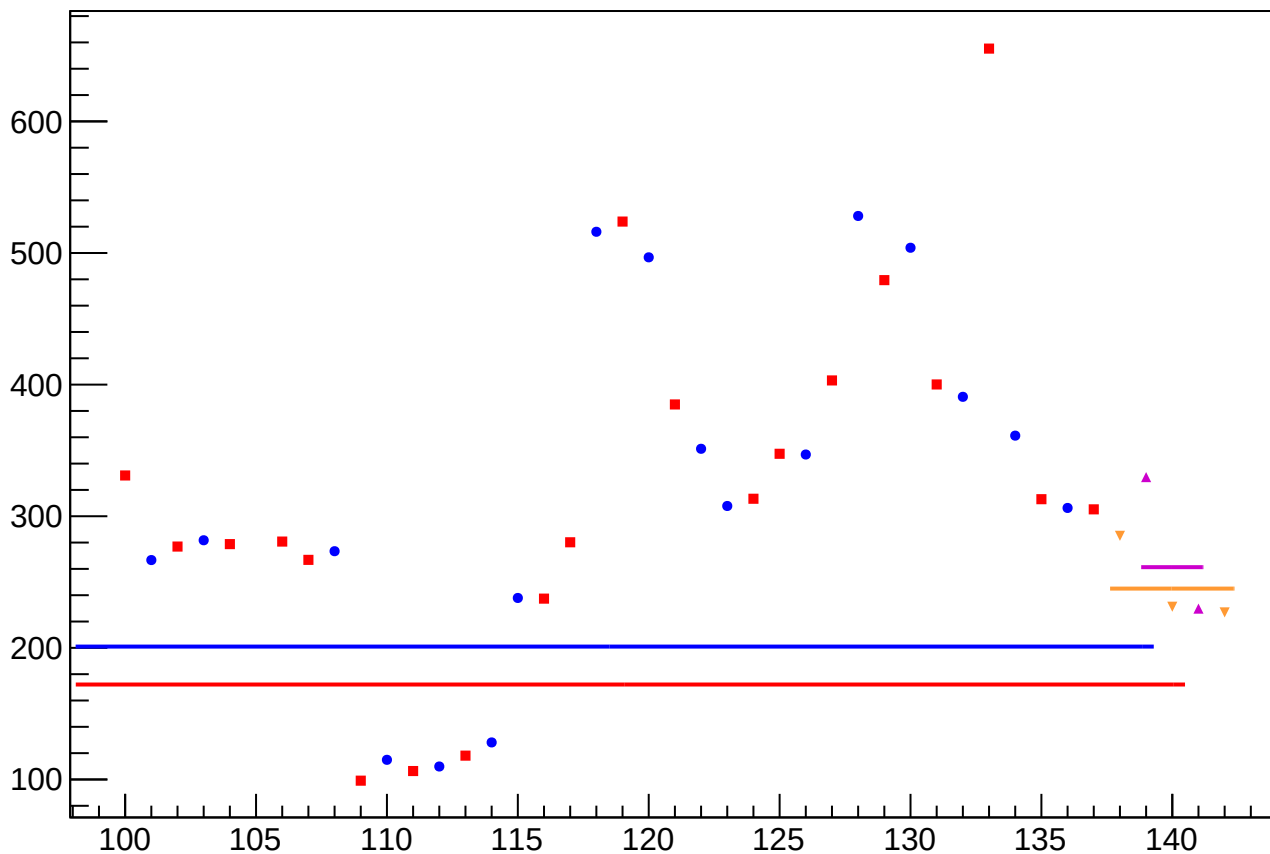
Left In: -410.863 ± 207.685 χ^2/NDF : 1.5/1

-51.795 ± 80.471 χ^2/NDF : 25.3/19

-134.766 ± 53.663 χ^2/NDF : 45.4/41

-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: 245.029+/-0.125 χ^2/NDF :39472.7/2

Right Out: 172.147+/-0.054 χ^2/NDF : 4105572.5/19

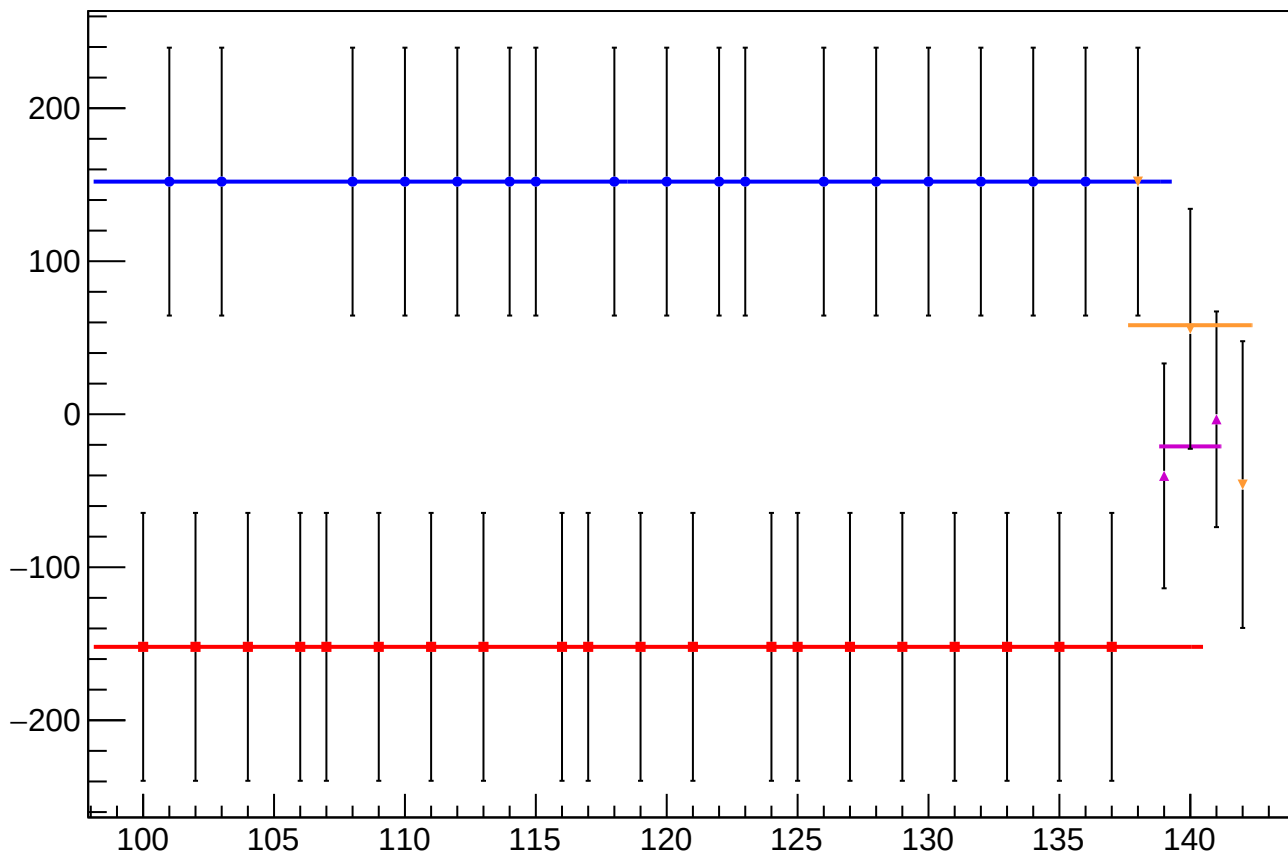
Left In: 261.311+/-0.147 χ^2/NDF :99922.4/1

210.083+/-0.057 χ^2/NDF : 3573978.9/19

194.971+/-0.038 χ^2/NDF : 8230821.1/41

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: 58.177 ± 49.566 $\chi^2/\text{NDF}: 2.4/2$

Right Out: -152.022 ± 19.574 $\chi^2/\text{NDF}: 0.0/19$

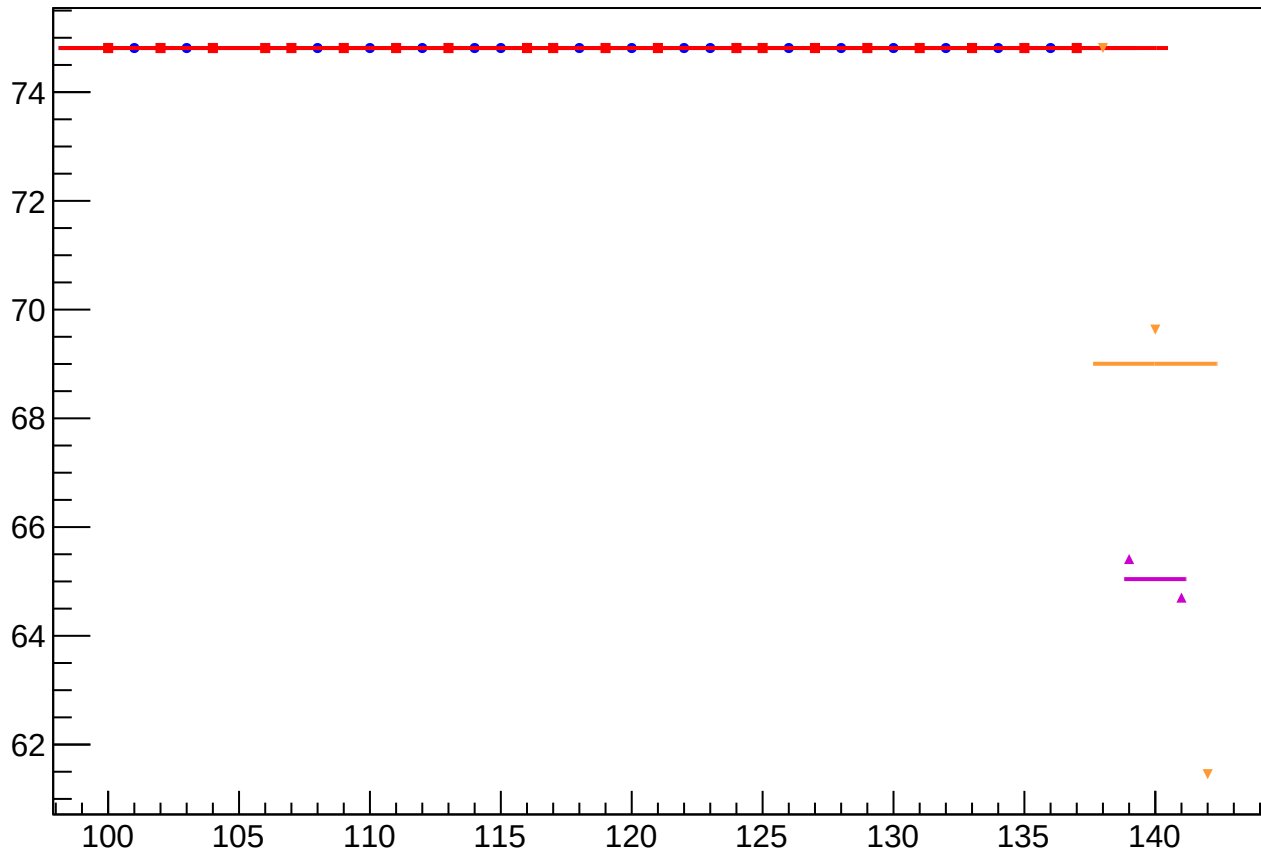
Left In: -21.021 ± 50.863 $\chi^2/\text{NDF}: 0.1/1$

137.473 ± 19.516 $\chi^2/\text{NDF}: 5.4/19$

-7.820 ± 13.337 $\chi^2/\text{NDF}: 115.3/41$

-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: 69.004 $\pm$ 0.035 χ^2 /NDF:21913.5/2

Right Out: 74.811 $\pm$ 0.014 χ^2 /NDF: 0.0/19

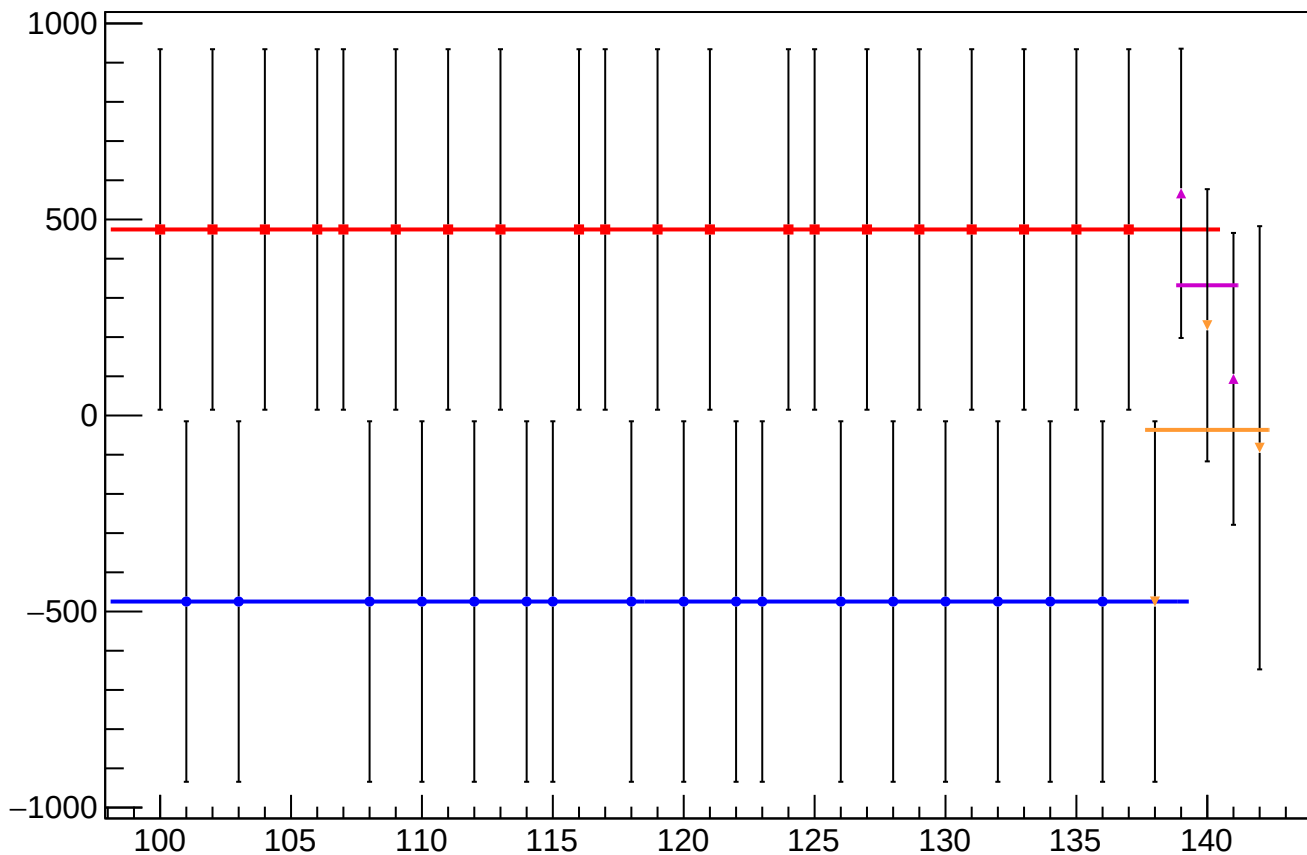
Left In: 65.043 $\pm$ 0.036 χ^2 /NDF:97.1/1

73.911 $\pm$ 0.014 χ^2 /NDF: 45110.0/19

73.719 $\pm$ 0.009 χ^2 /NDF: 109817.9/41

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: -36.688+/-248.786 χ^2/NDF : 1.5/2

Right Out: 474.517+/-102.812 χ^2/NDF : 0.0/19

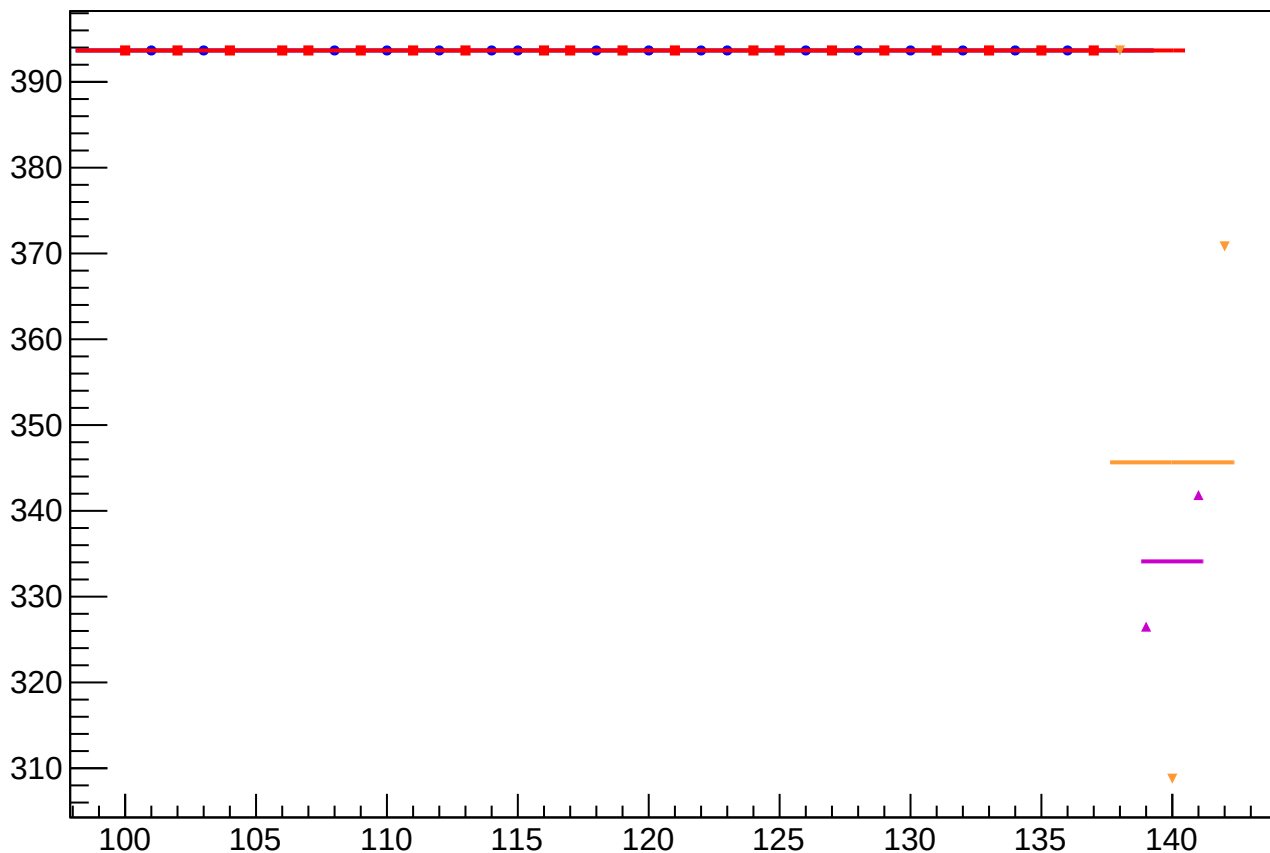
Left In: 332.163+/-262.060 χ^2/NDF : 0.8/1

-401.268+/-101.760 χ^2/NDF : 4.1/19

53.358+/-69.718 χ^2/NDF : 42.8/41

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: 345.652 $\pm$ 0.176 χ^2 /NDF:48330.8/2

Right Out: 393.663 $\pm$ 0.073 χ^2 /NDF: 0.0/19

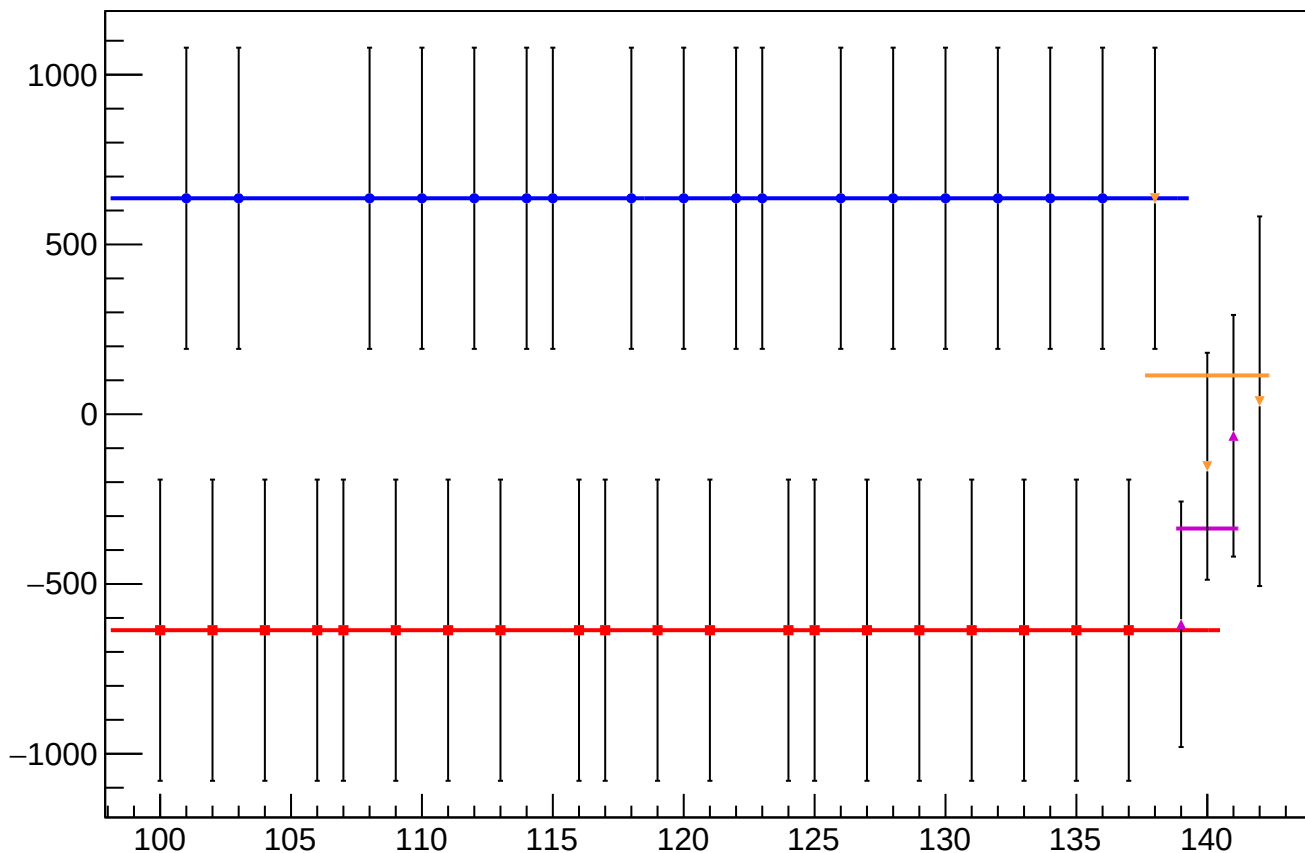
Left In: 334.109 $\pm$ 0.185 χ^2 /NDF:1713.1/1

385.630 $\pm$ 0.072 χ^2 /NDF: 110352.3/19

385.678 $\pm$ 0.049 χ^2 /NDF: 201575.7/41

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: 114.318 $\pm$ 239.662 χ^2 /NDF:2.0/2

Right Out: -636.038 $\pm$ 99.181 χ^2 /NDF: 0.0/19

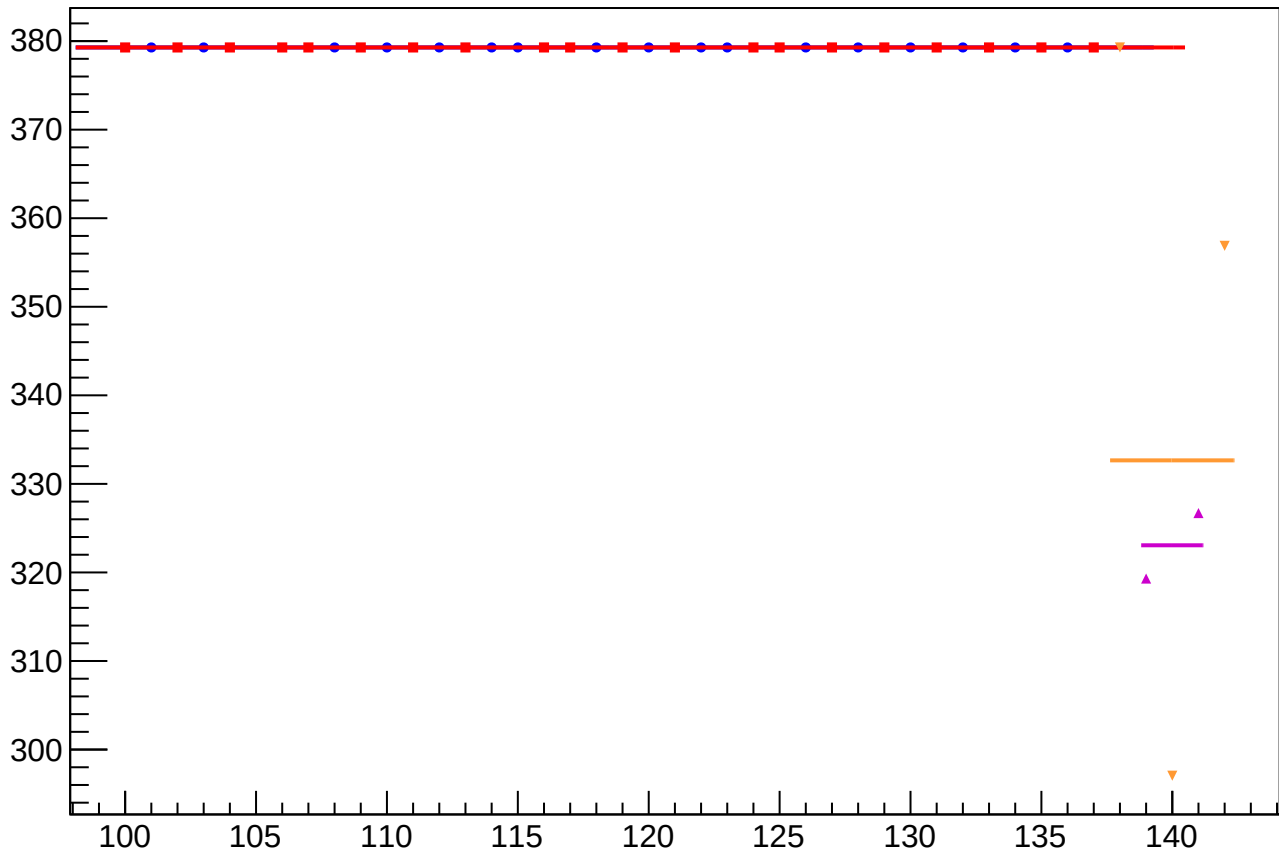
Left In: -336.616 $\pm$ 253.616 χ^2 /NDF:1.2/1

548.548 $\pm$ 98.143 χ^2 /NDF: 6.0/19

-58.554 $\pm$ 67.263 χ^2 /NDF: 80.6/41

-596.321 $\pm$ 92.369 χ^2 /NDF: 2.4/21

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 379.283 $\pm$ 0.076 χ^2 /NDF: 0.0/16

Left Out: 332.656 $\pm$ 0.169 χ^2 /NDF:48765.8/2

Right Out: 379.283 $\pm$ 0.070 χ^2 /NDF: 0.0/19

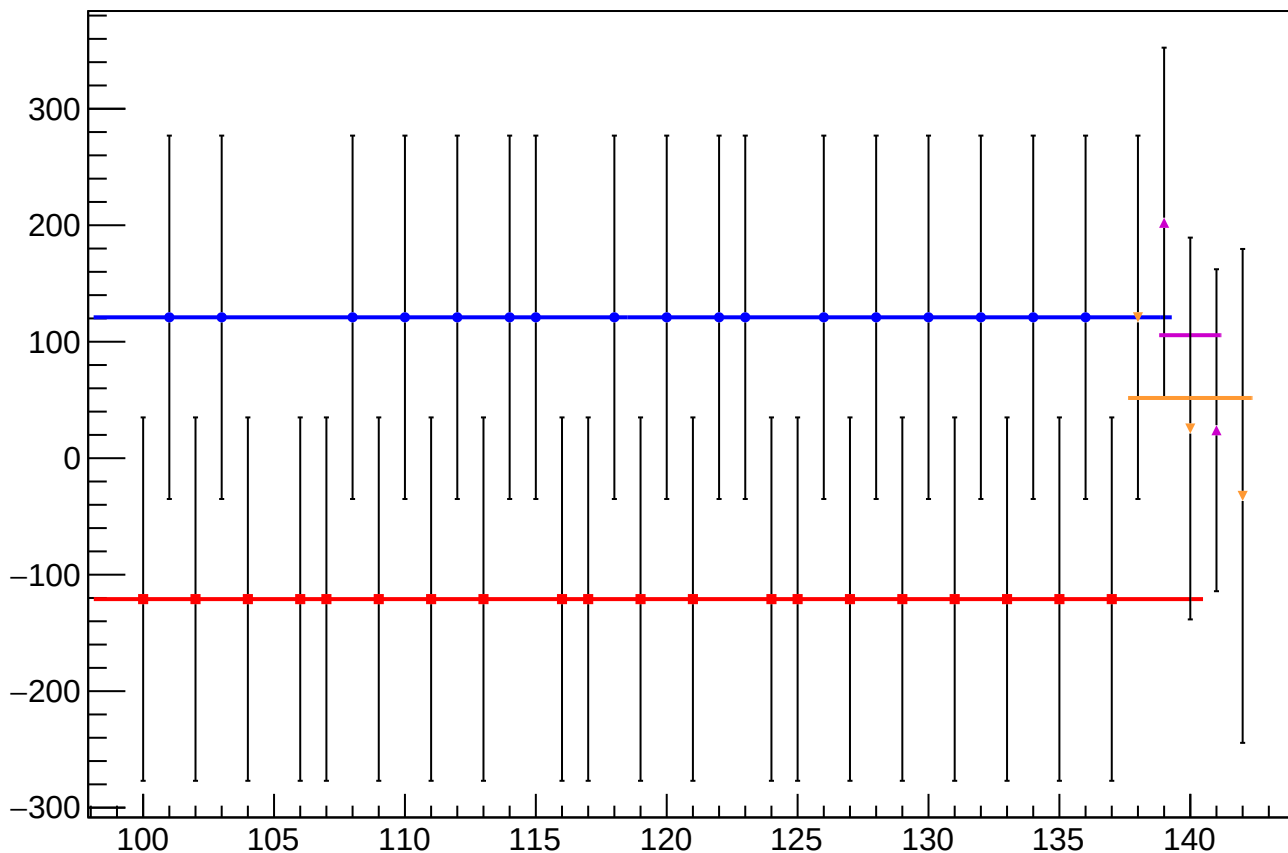
Left In: 323.066 $\pm$ 0.179 χ^2 /NDF:425.0/1

371.464 $\pm$ 0.069 χ^2 /NDF: 111773.6/19

371.656 $\pm$ 0.048 χ^2 /NDF: 197445.9/41

371.826 $\pm$ 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: 51.707 $\pm$ 99.712 χ^2 /NDF:0.4/2

Right Out: -120.964 $\pm$ 34.880 χ^2 /NDF: 0.0/19

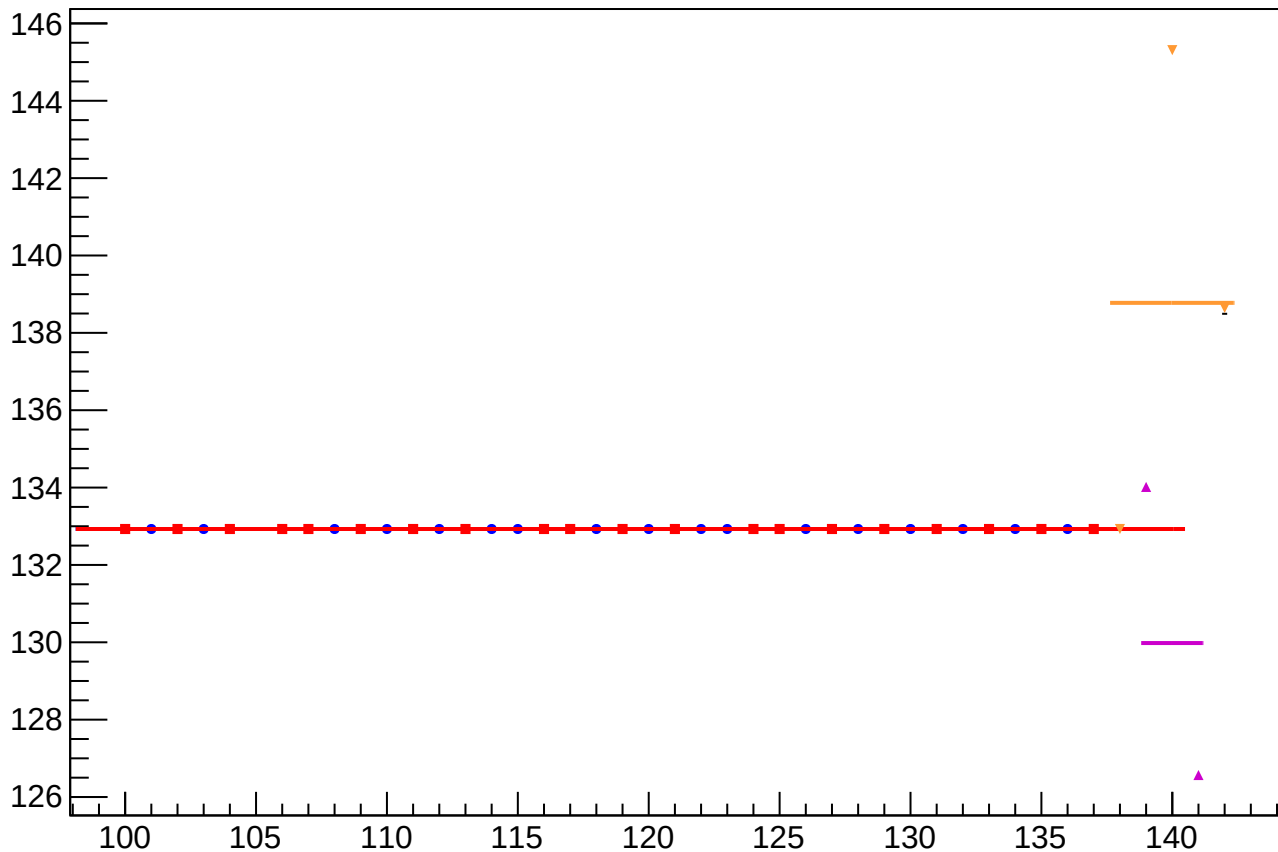
Left In: 105.606 $\pm$ 101.741 χ^2 /NDF:0.8/1

112.249 $\pm$ 35.372 χ^2 /NDF: 0.8/19

0.284 $\pm$ 24.127 χ^2 /NDF: 24.7/41

-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 $\pm$ 0.027 χ^2 /NDF: 0.0/16

Left Out: 138.776 $\pm$ 0.071 χ^2 /NDF: 5988.6/2

Right Out: 132.929 $\pm$ 0.025 χ^2 /NDF: 0.0/19

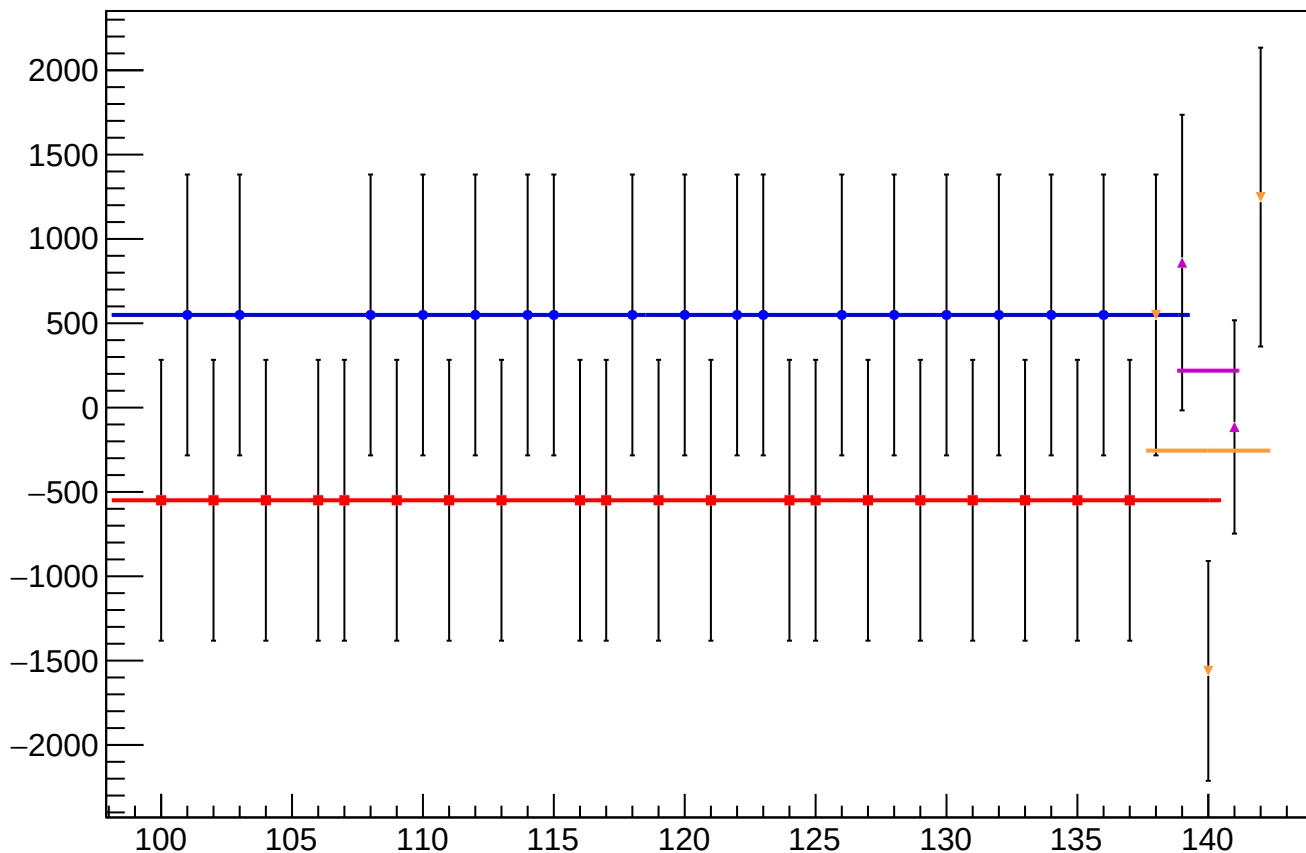
Left In: 129.981 $\pm$ 0.072 χ^2 /NDF: 2660.9/1

133.665 $\pm$ 0.025 χ^2 /NDF: 11999.2/19

133.106 $\pm$ 0.017 χ^2 /NDF: 17098.1/41

132.619 $\pm$ 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: -255.009 $\pm$ 444.000 χ^2/NDF : 7.8/2

Right Out: -549.374 $\pm$ 186.156 χ^2/NDF : 0.0/19

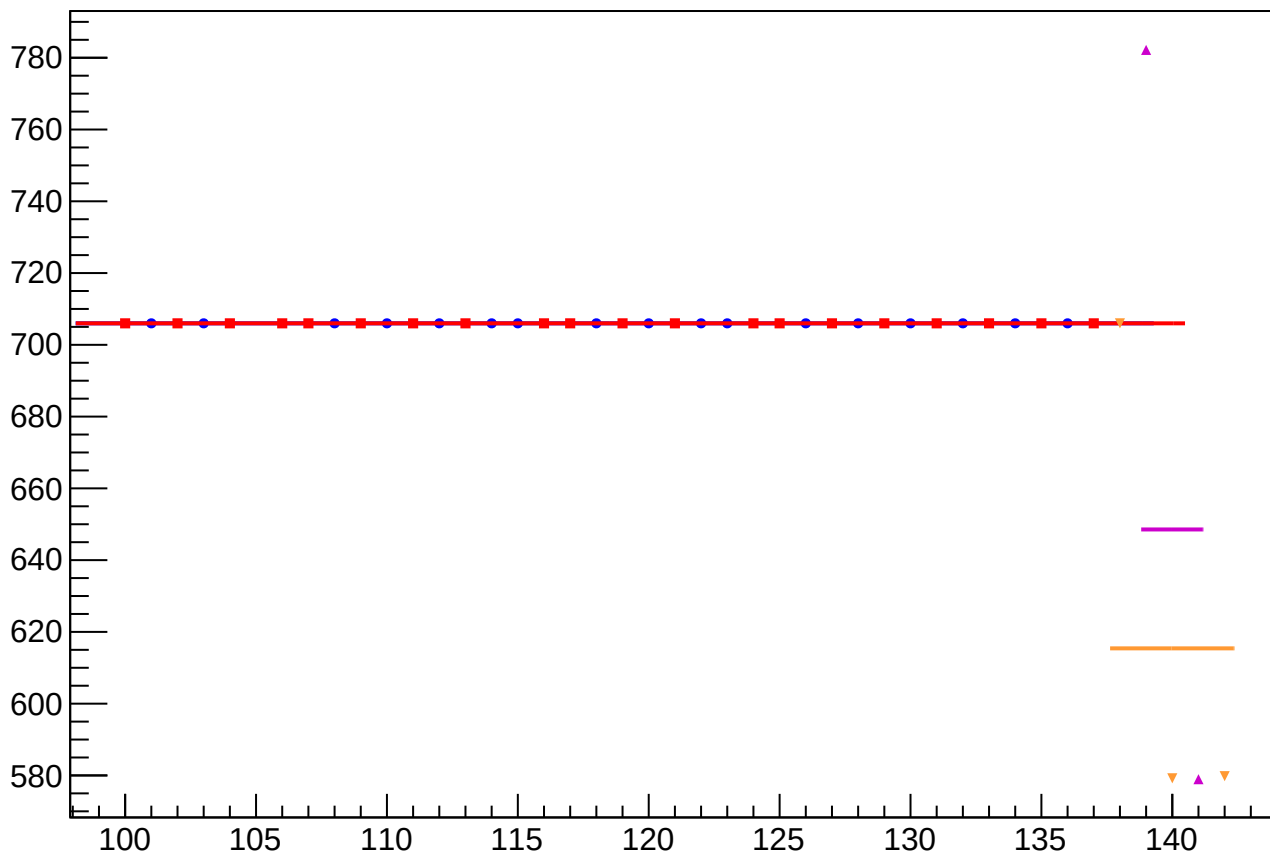
Left In: 219.139 $\pm$ 512.817 χ^2/NDF : 0.8/1

411.528 $\pm$ 183.801 χ^2/NDF : 10.5/19

-45.587 $\pm$ 126.734 χ^2/NDF : 25.1/41

-459.895 $\pm$ 174.983 χ^2/NDF : 2.8/21

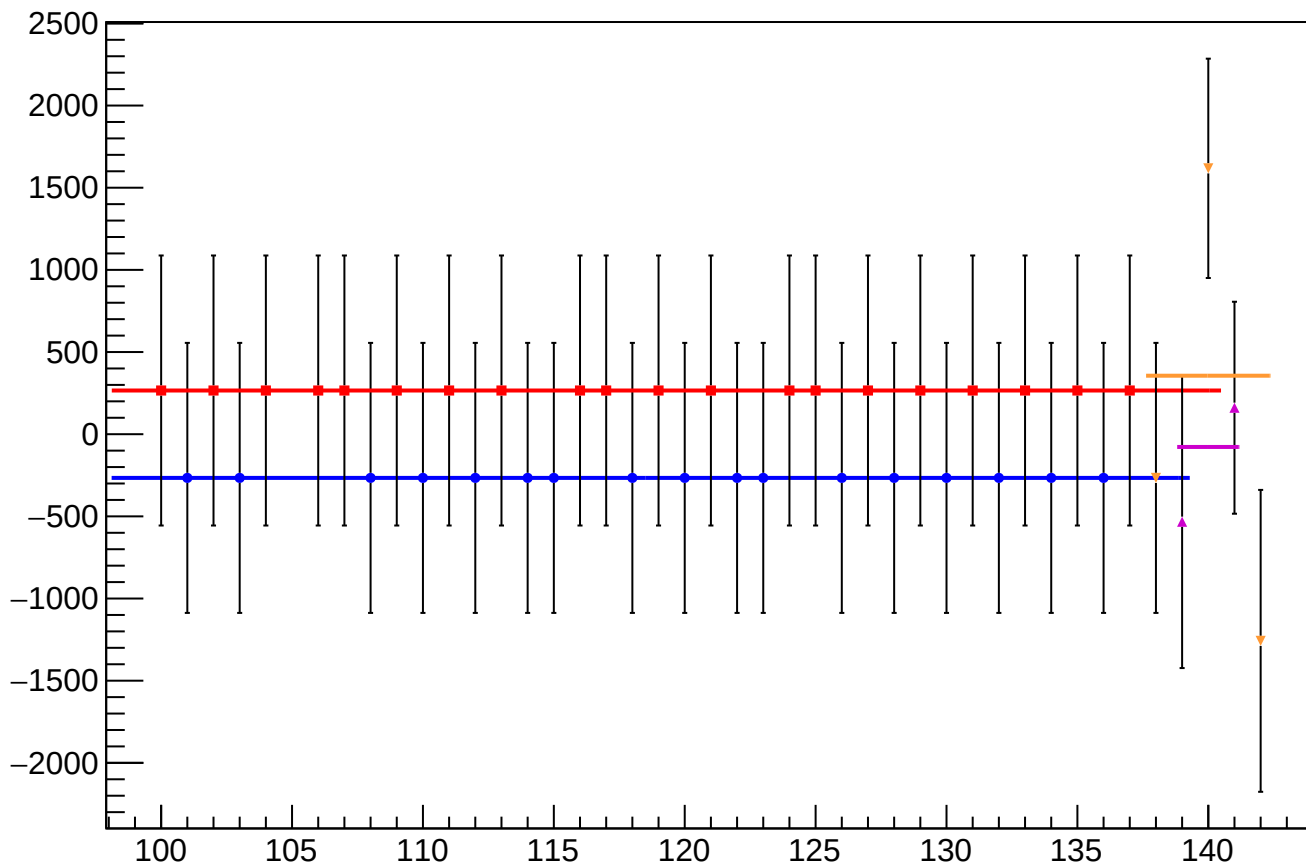
asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 705.989 $\pm$ 0.143 χ^2 /NDF: 0.0/16
 Left Out: 615.412 $\pm$ 0.314 χ^2 /NDF: 33085.9/2
 Right Out: 705.989 $\pm$ 0.132 χ^2 /NDF: 0.0/19
 Left In: 648.547 $\pm$ 0.363 χ^2 /NDF: 70734.2/1

690.467 $\pm$ 0.130 χ^2 /NDF: 102056.4/19
 695.101 $\pm$ 0.090 χ^2 /NDF: 197386.3/41
 699.301 $\pm$ 0.124 χ^2 /NDF: 92906.4/21

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: -265.915 ± 199.276 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 355.963 ± 451.211 $\chi^2/\text{NDF}: 7.2/2$

Right Out: 265.915 ± 183.724 $\chi^2/\text{NDF}: 0.0/19$

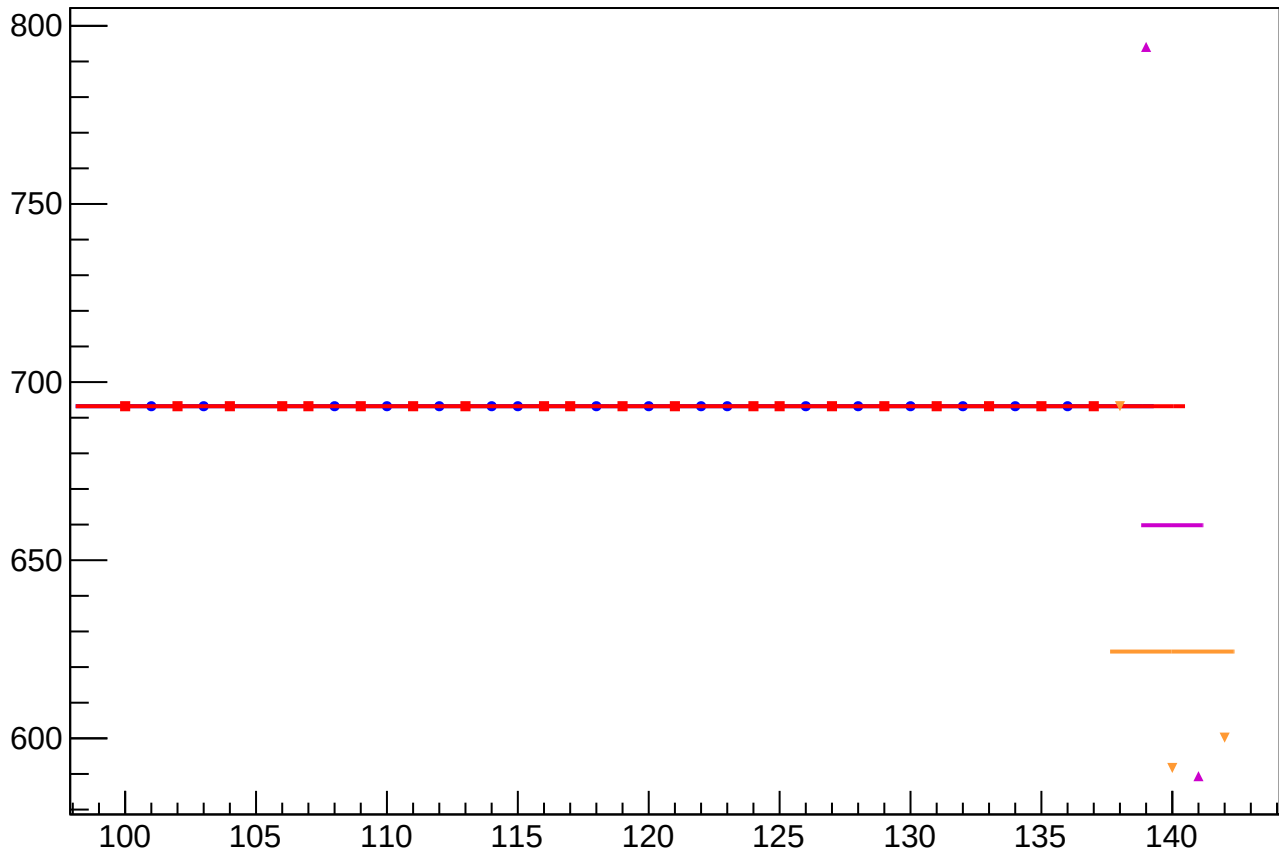
Left In: -77.625 ± 522.351 $\chi^2/\text{NDF}: 0.4/1$

-164.414 ± 182.290 $\chi^2/\text{NDF}: 8.8/19$

41.739 ± 125.605 $\chi^2/\text{NDF}: 12.0/41$

228.095 ± 173.316 $\chi^2/\text{NDF}: 0.8/21$

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 693.227 $\pm$ 0.141 χ^2 /NDF: 0.0/16

Left Out: 624.358 $\pm$ 0.319 χ^2 /NDF: 20231.2/2

Right Out: 693.227 $\pm$ 0.130 χ^2 /NDF: 0.0/19

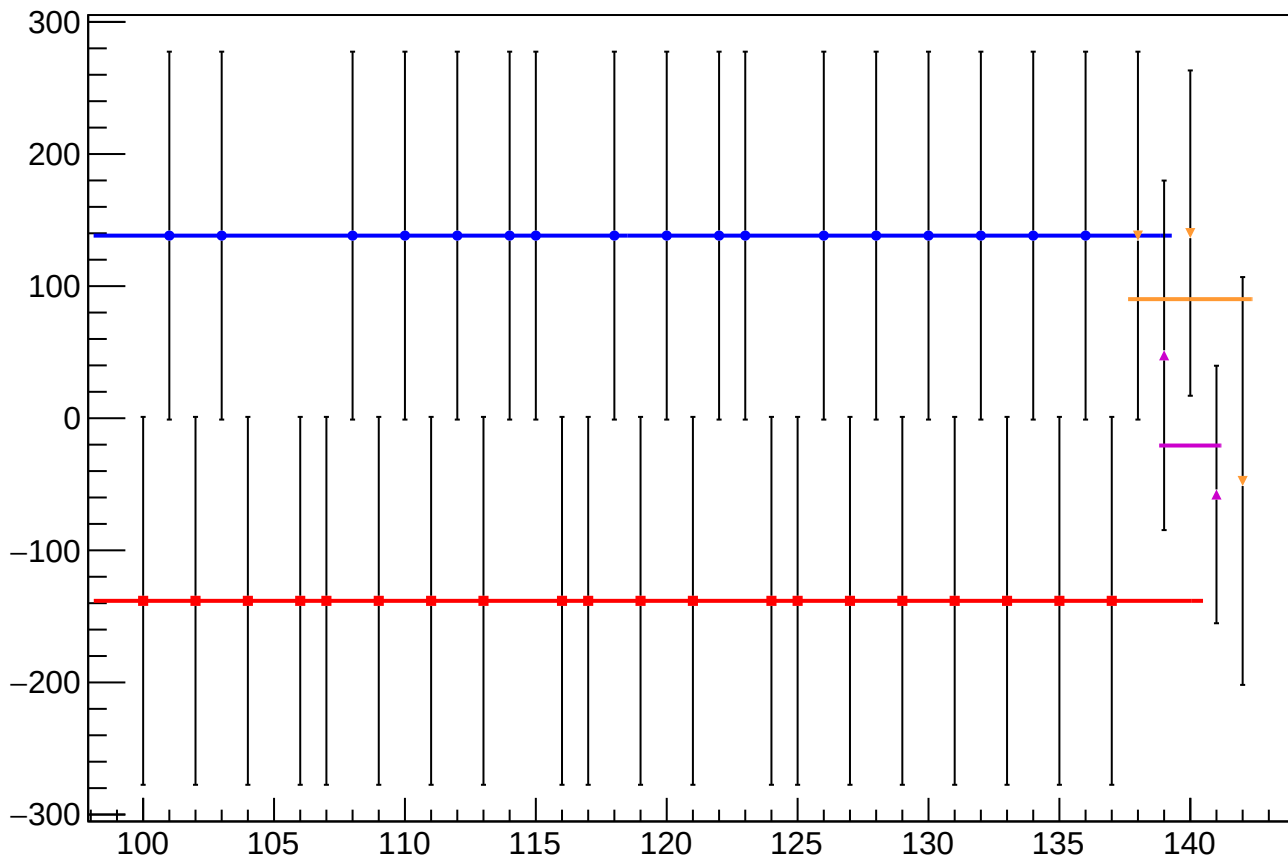
Left In: 659.818 $\pm$ 0.369 χ^2 /NDF: 69328.8/1

681.987 $\pm$ 0.129 χ^2 /NDF: 59219.5/19

685.959 $\pm$ 0.089 χ^2 /NDF: 137637.3/41

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+/-33.773 χ^2/NDF : 0.0/16

Left Out: 90.151+/-79.180 χ^2/NDF : 1.1/2

Right Out: -138.233+/-31.138 χ^2/NDF : 0.0/19

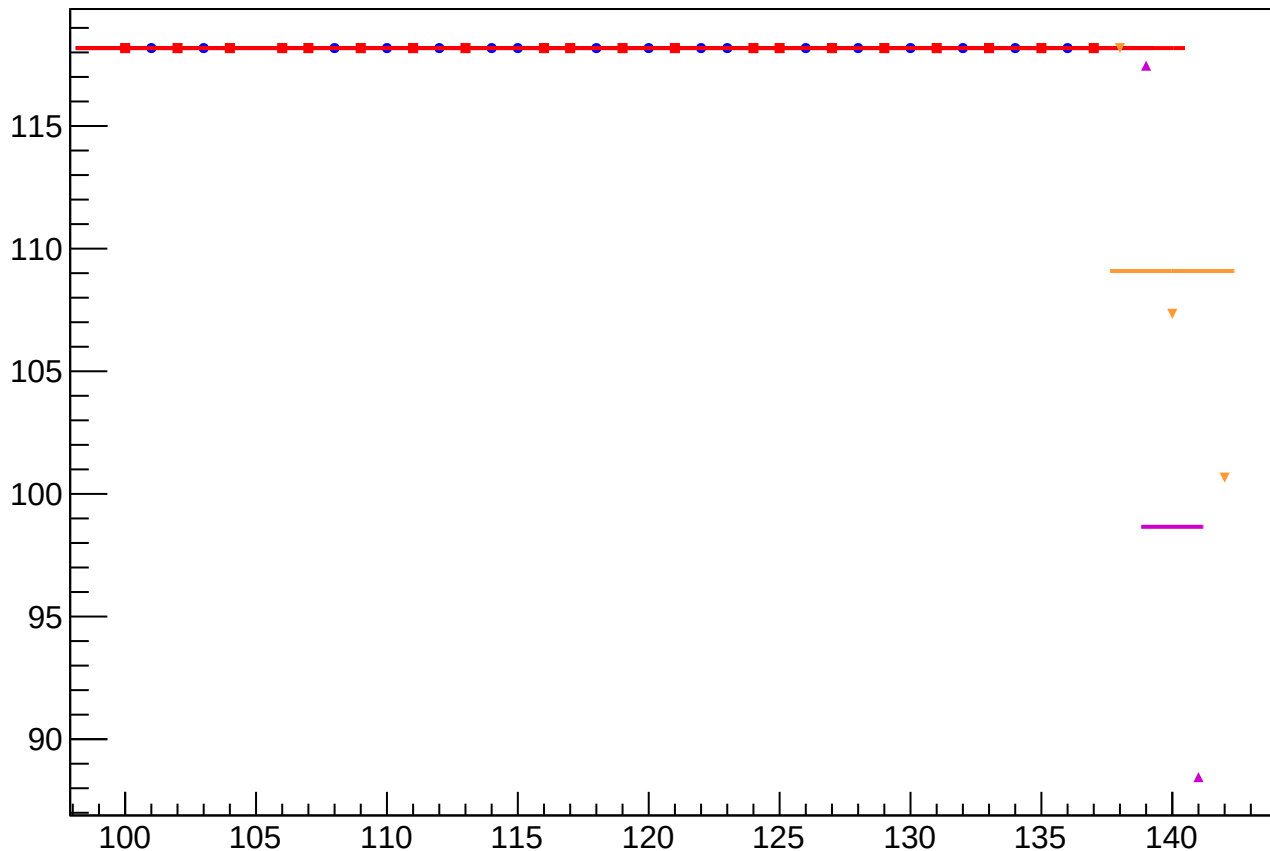
Left In: -20.661+/-78.471 χ^2/NDF : 0.4/1

130.832+/-31.065 χ^2/NDF : 1.4/19

-4.647+/-21.176 χ^2/NDF : 39.3/41

-122.240+/-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: 109.088 $\pm$ 0.056 χ^2 /NDF:14877.9/2

Right Out: 118.177 $\pm$ 0.022 χ^2 /NDF: 0.0/19

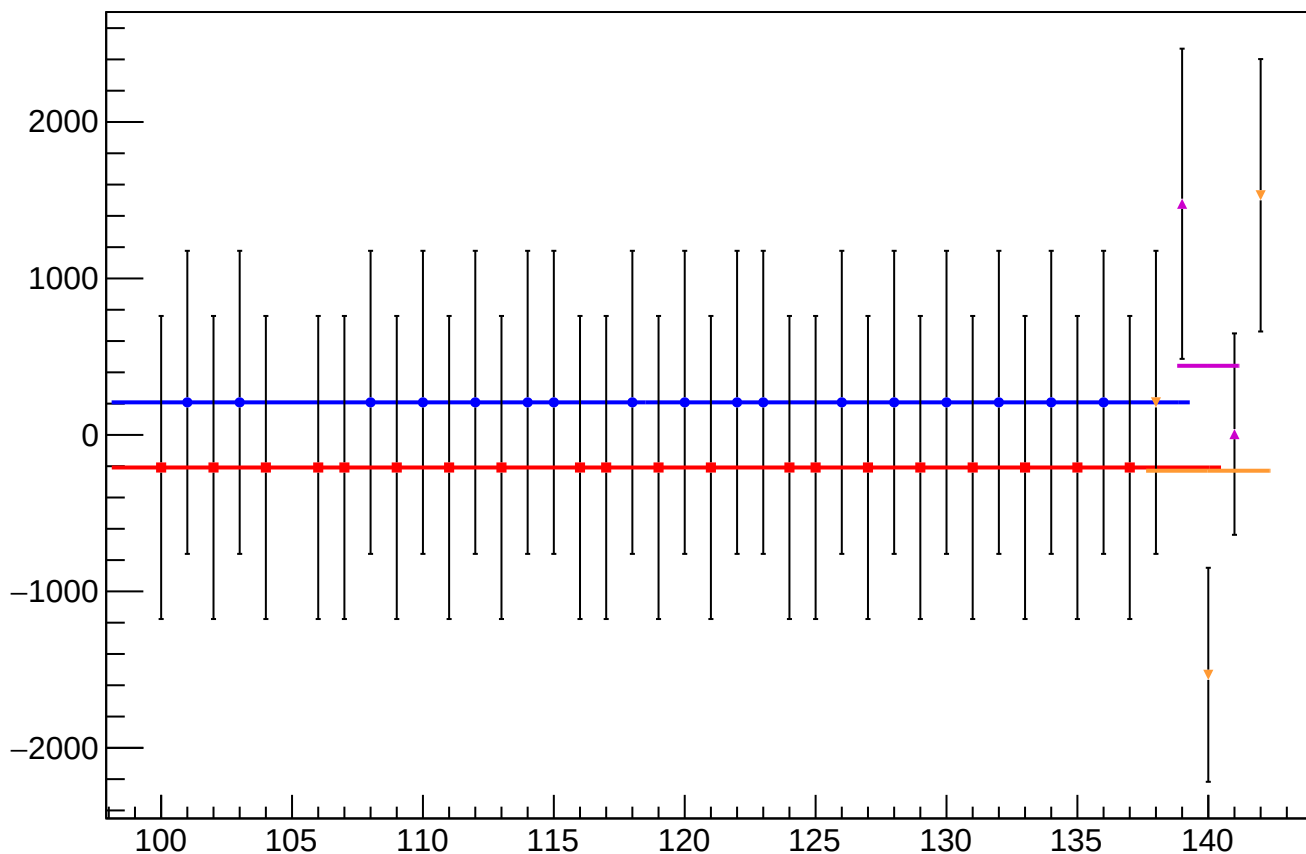
Left In: 98.660 $\pm$ 0.055 χ^2 /NDF:62317.8/1

116.778 $\pm$ 0.022 χ^2 /NDF: 37171.4/19

116.105 $\pm$ 0.015 χ^2 /NDF: 208128.0/41

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 $\pm$ 234.901 χ^2 /NDF: 0.0/16

Left Out: -228.807 $\pm$ 470.178 χ^2 /NDF: 7.9/2

Right Out: -208.161 $\pm$ 216.568 χ^2 /NDF: 0.0/19

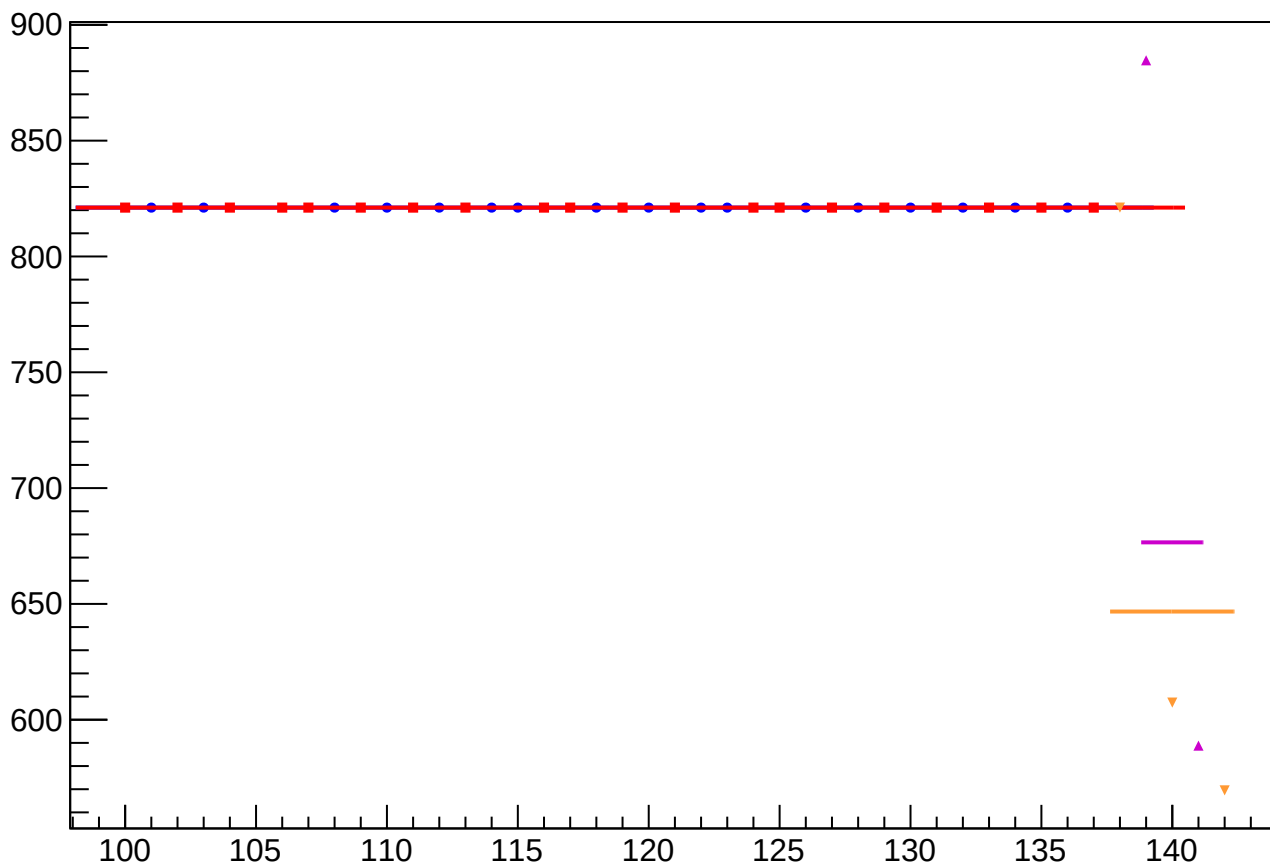
Left In: 441.824 $\pm$ 539.862 χ^2 /NDF: 1.6/1

120.879 $\pm$ 210.135 χ^2 /NDF: 8.6/19

-3.899 $\pm$ 145.250 χ^2 /NDF: 12.1/41

-118.061 $\pm$ 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: 646.708 $\pm$ 0.332 χ^2 /NDF: 87177.8/2

Right Out: 821.097 $\pm$ 0.153 χ^2 /NDF: 0.0/19

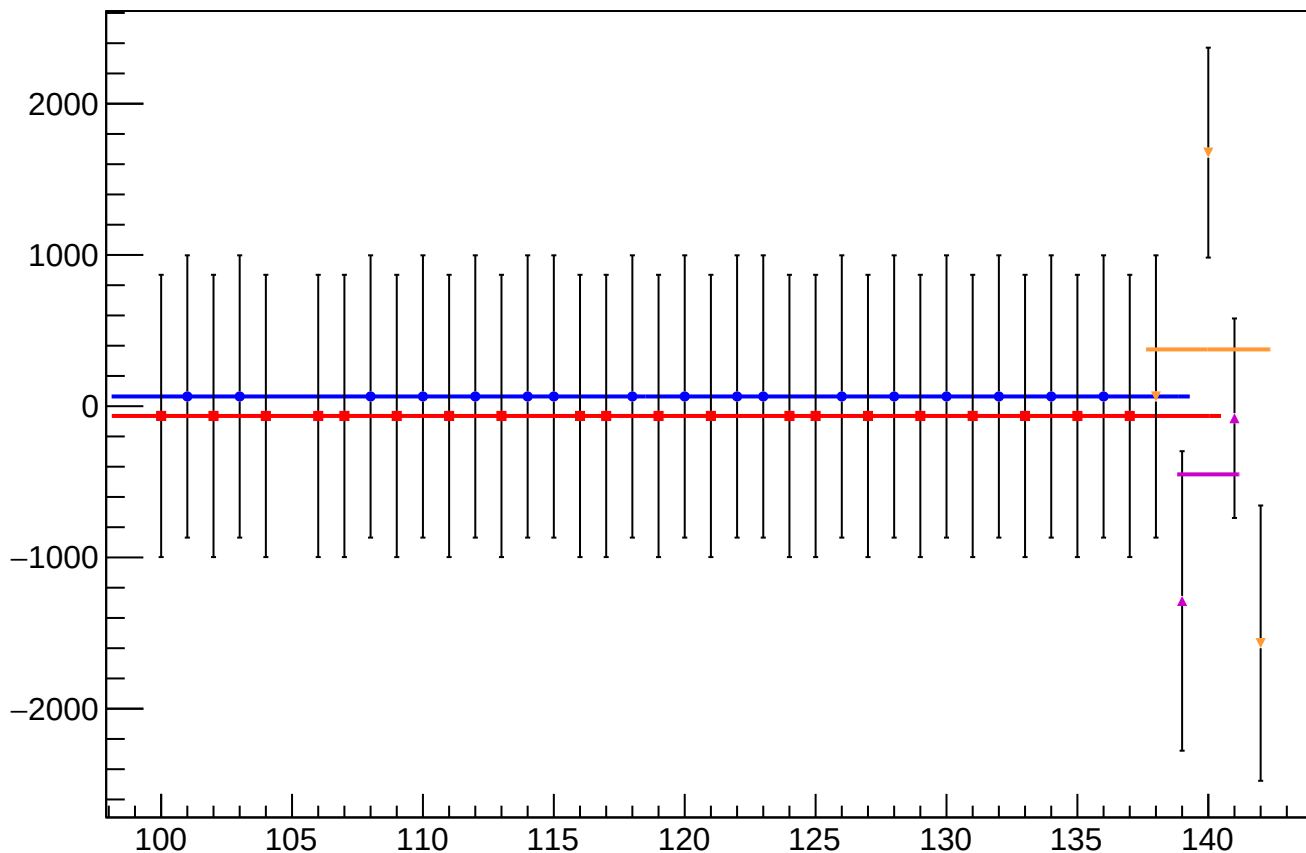
Left In: 676.572 $\pm$ 0.382 χ^2 /NDF: 125326.8/1

786.263 $\pm$ 0.149 χ^2 /NDF: 307355.0/19

793.992 $\pm$ 0.103 χ^2 /NDF: 561327.0/41

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: 375.401+/-475.007 χ^2/NDF :8.2/2

Right Out: -64.417 ± 208.671 χ^2/NDF : 0.0/19

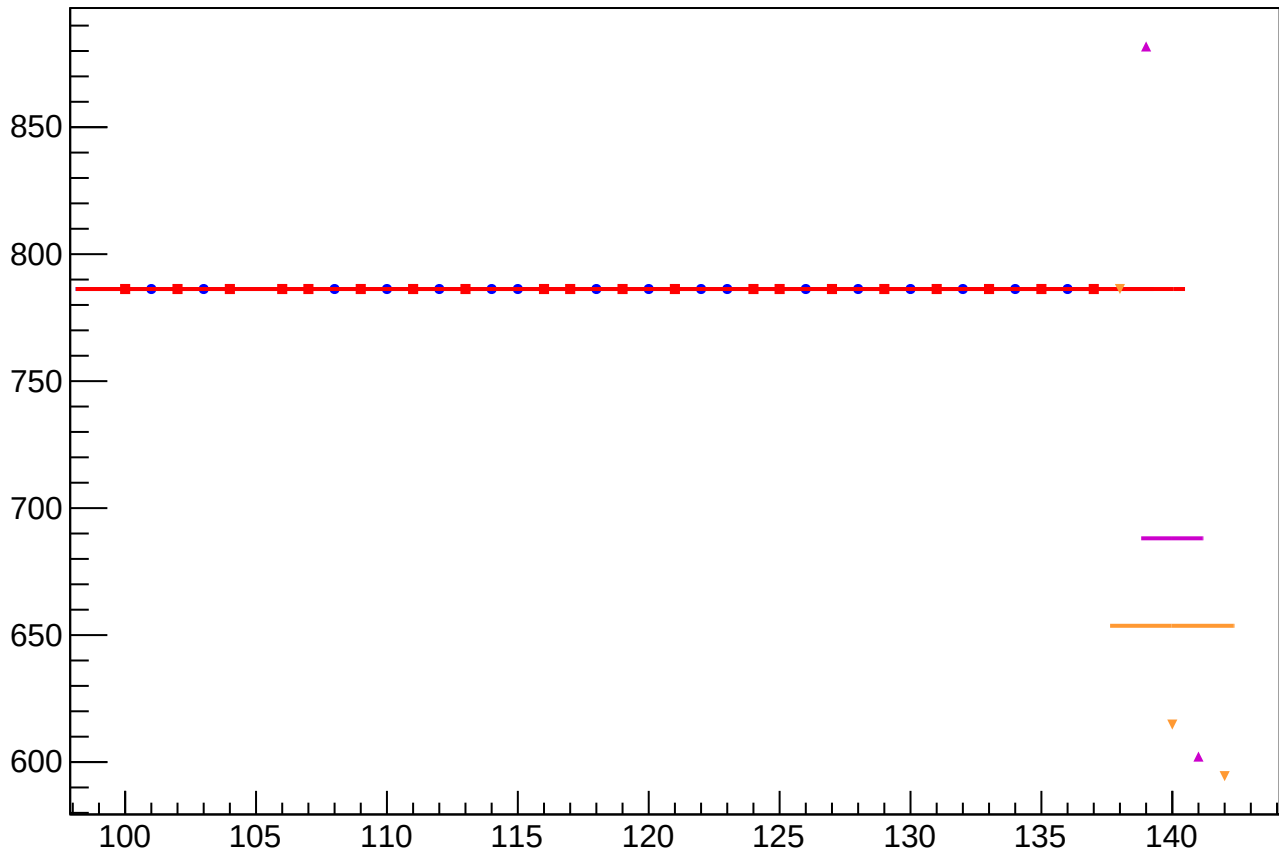
Left In: -450.741+/-548.907 χ^2/NDF :1.0/1

121.959+/-204.326 χ^2/NDF : 8.5/19

-1.077+/-141.087 χ^2/NDF : 10.7/41

-113.198+/-195.052 χ^2/NDF : 1.5/21

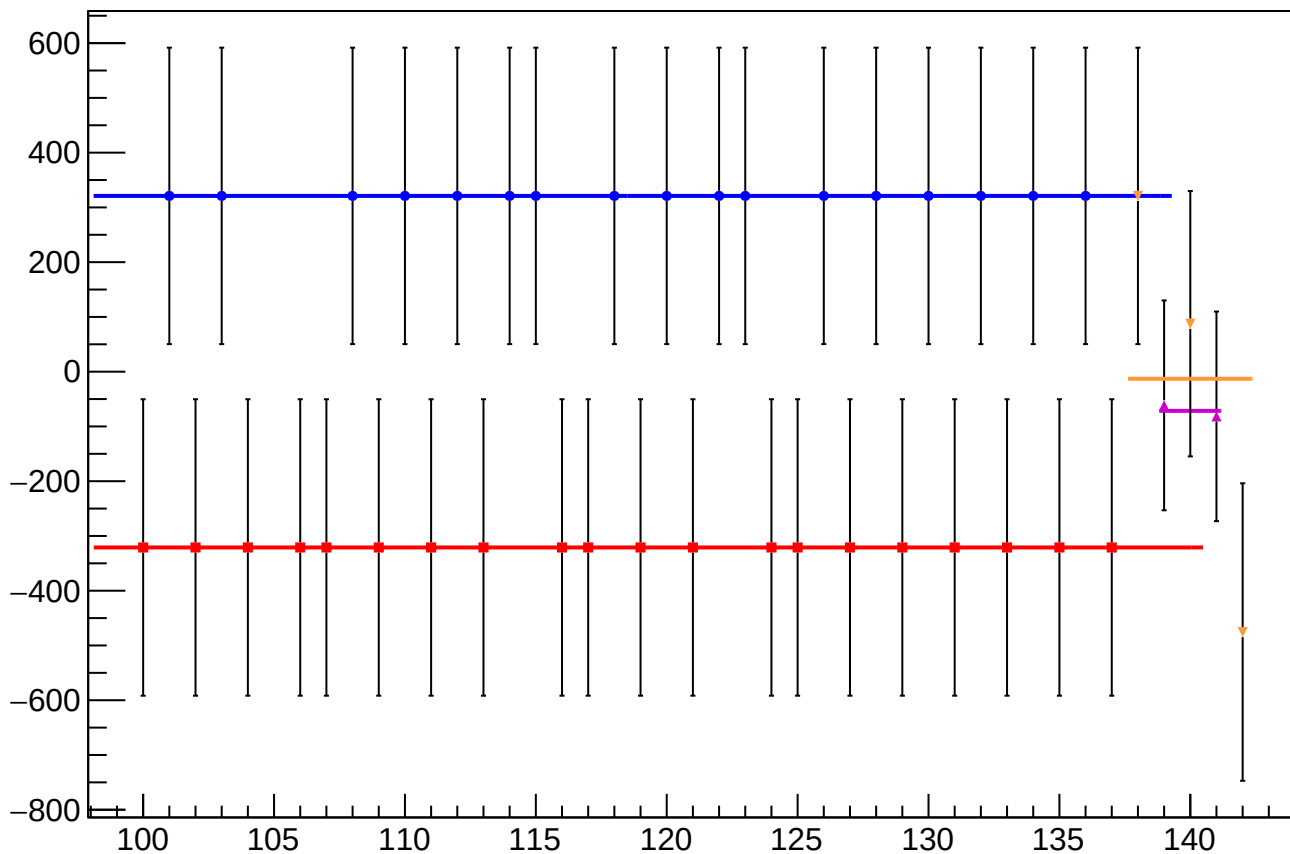
asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 786.276 $\pm$ 0.160 χ^2 /NDF: 0.0/16
Left Out: 653.667 $\pm$ 0.336 χ^2 /NDF: 55137.0/2
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

761.739 $\pm$ 0.144 χ^2 /NDF: 182170.3/19
768.091 $\pm$ 0.100 χ^2 /NDF: 352252.6/41
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: -12.907 ± 150.351 χ^2/NDF : 4.6/2

Right Out: -321.021 ± 60.529 χ^2/NDF : 0.0/19

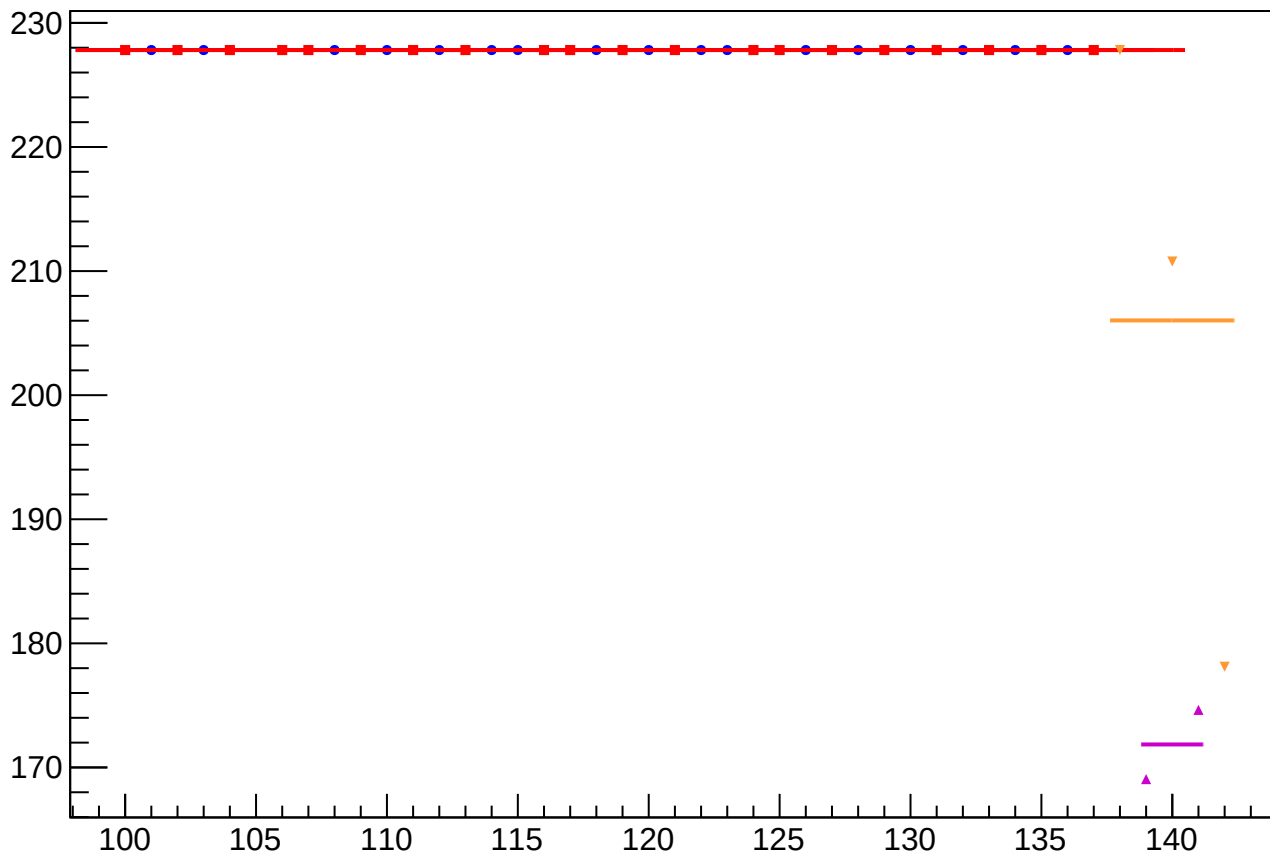
Left In: -71.537 ± 135.423 χ^2/NDF : 0.0/1

267.546 ± 60.167 χ^2/NDF : 8.7/19

-29.178 ± 40.699 χ^2/NDF : 56.4/41

-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: 206.025 $\pm$ 0.106 χ^2 /NDF:34835.1/2

Right Out: 227.813 $\pm$ 0.043 χ^2 /NDF: 0.0/19

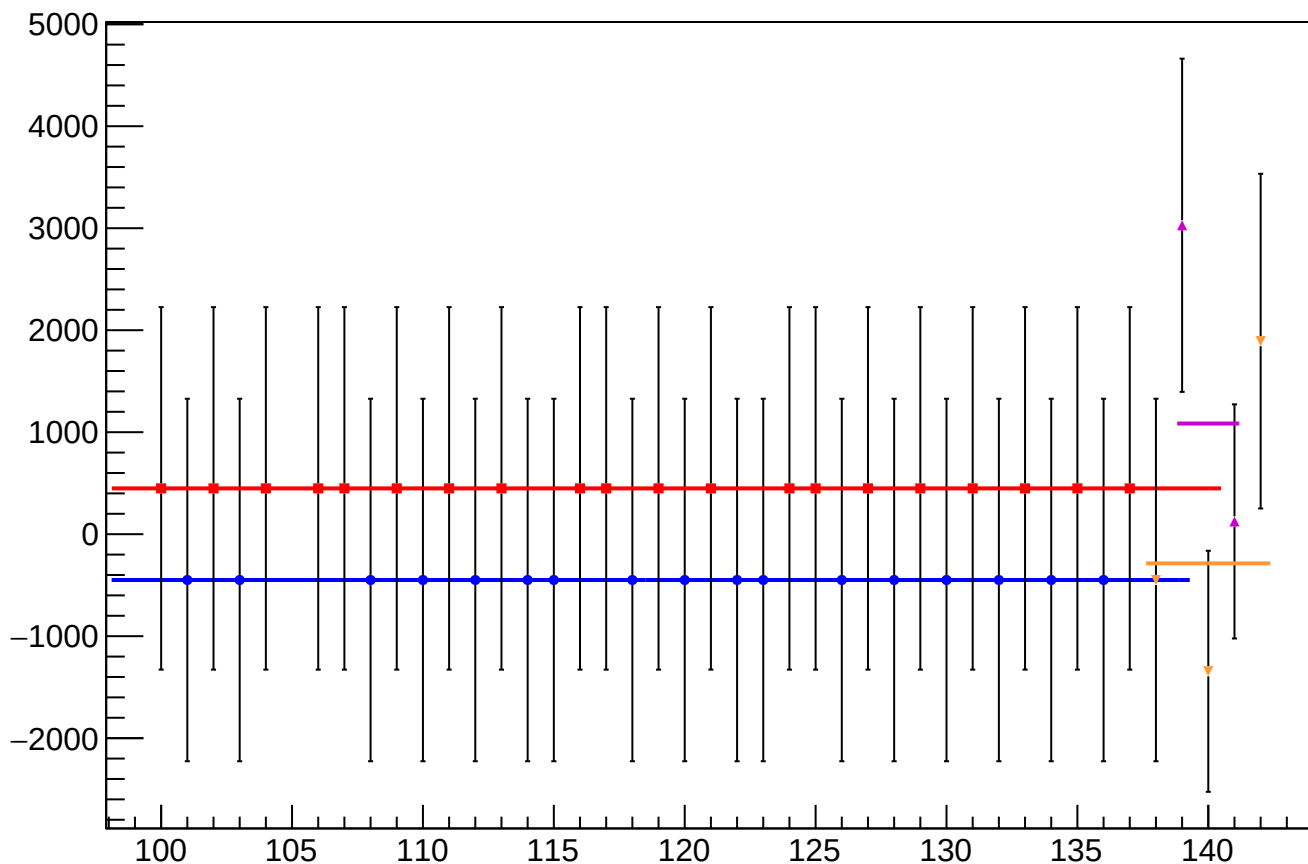
Left In: 171.852 $\pm$ 0.096 χ^2 /NDF:848.8/1

224.324 $\pm$ 0.043 χ^2 /NDF: 70110.0/19

221.162 $\pm$ 0.029 χ^2 /NDF: 365791.3/41

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: -286.132+/-843.890 χ^2/NDF : 2.6/2

Right Out: 449.122+/-397.385 χ^2/NDF : 0.0/19

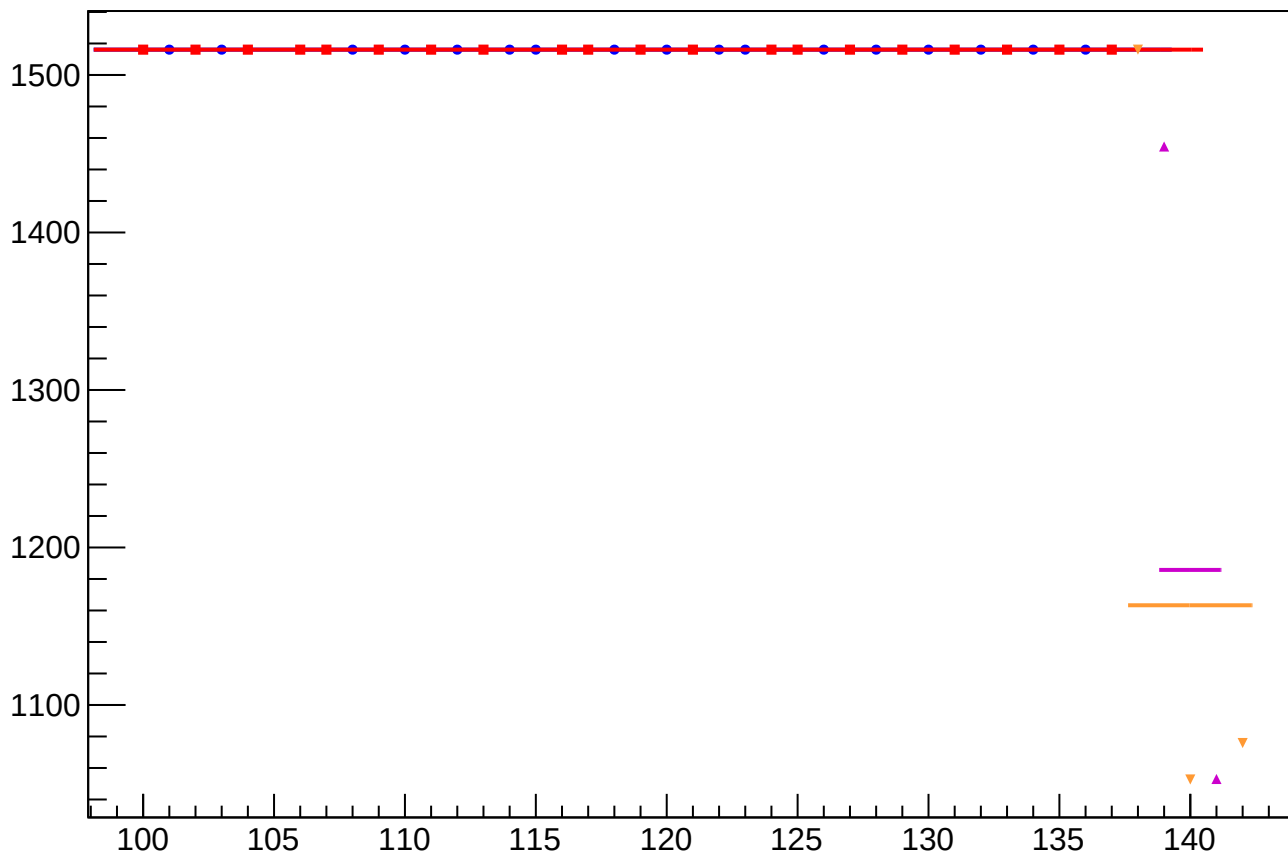
Left In: 1084.986+/-939.125 χ^2/NDF : 2.1/1

-415.400+/-383.854 χ^2/NDF : 2.6/19

88.053+/-264.877 χ^2/NDF : 8.4/41

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: 1163.310 $\pm$ 0.597 χ^2 /NDF:102013.3/2

Right Out: 1516.083 $\pm$ 0.281 χ^2 /NDF: 0.0/19

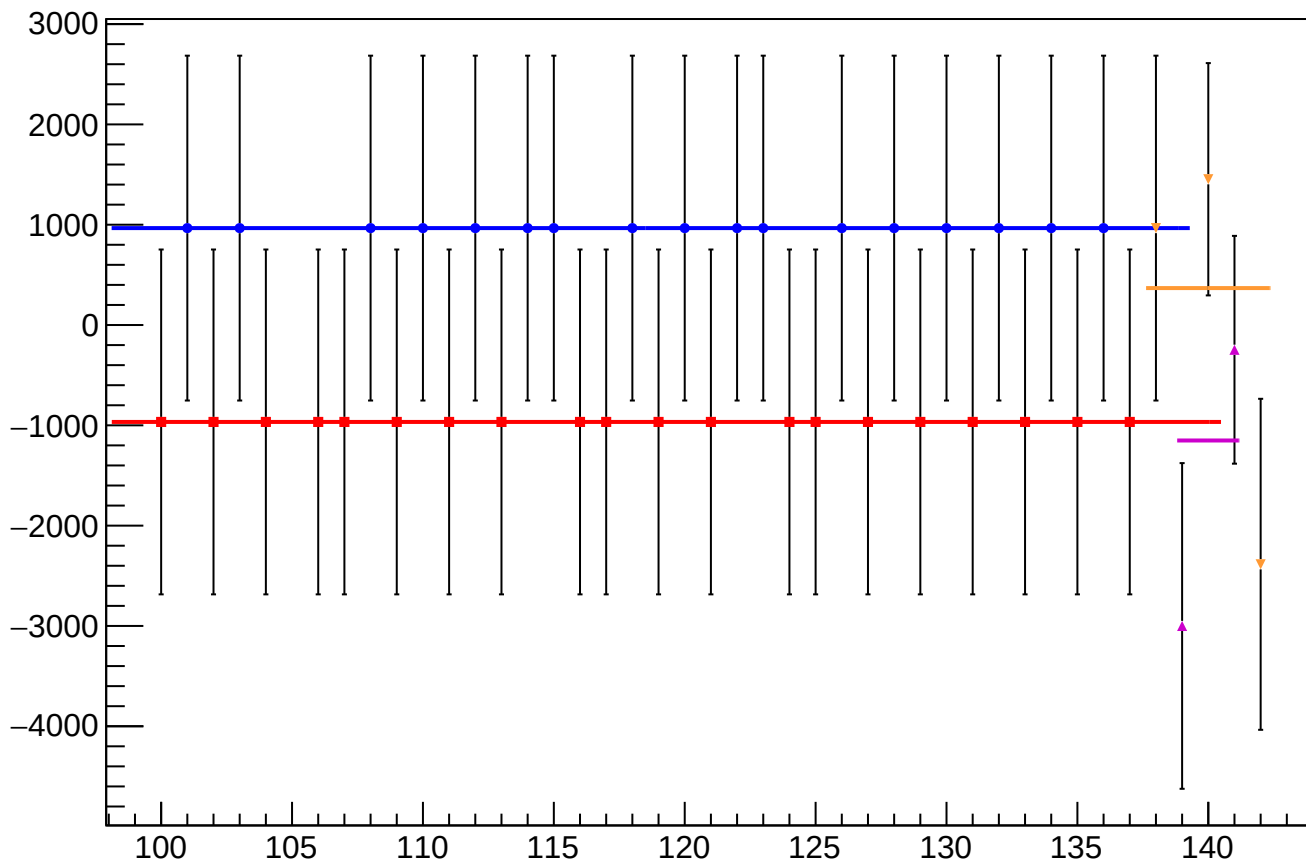
Left In: 1185.758 $\pm$ 0.664 χ^2 /NDF:80918.9/1

1443.094 $\pm$ 0.271 χ^2 /NDF: 379203.1/19

1455.051 $\pm$ 0.187 χ^2 /NDF: 673687.7/41

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: 368.233 $\pm$ 830.004 χ^2/NDF : 3.8/2

Right Out: -966.214 $\pm$ 384.371 χ^2/NDF : 0.0/19

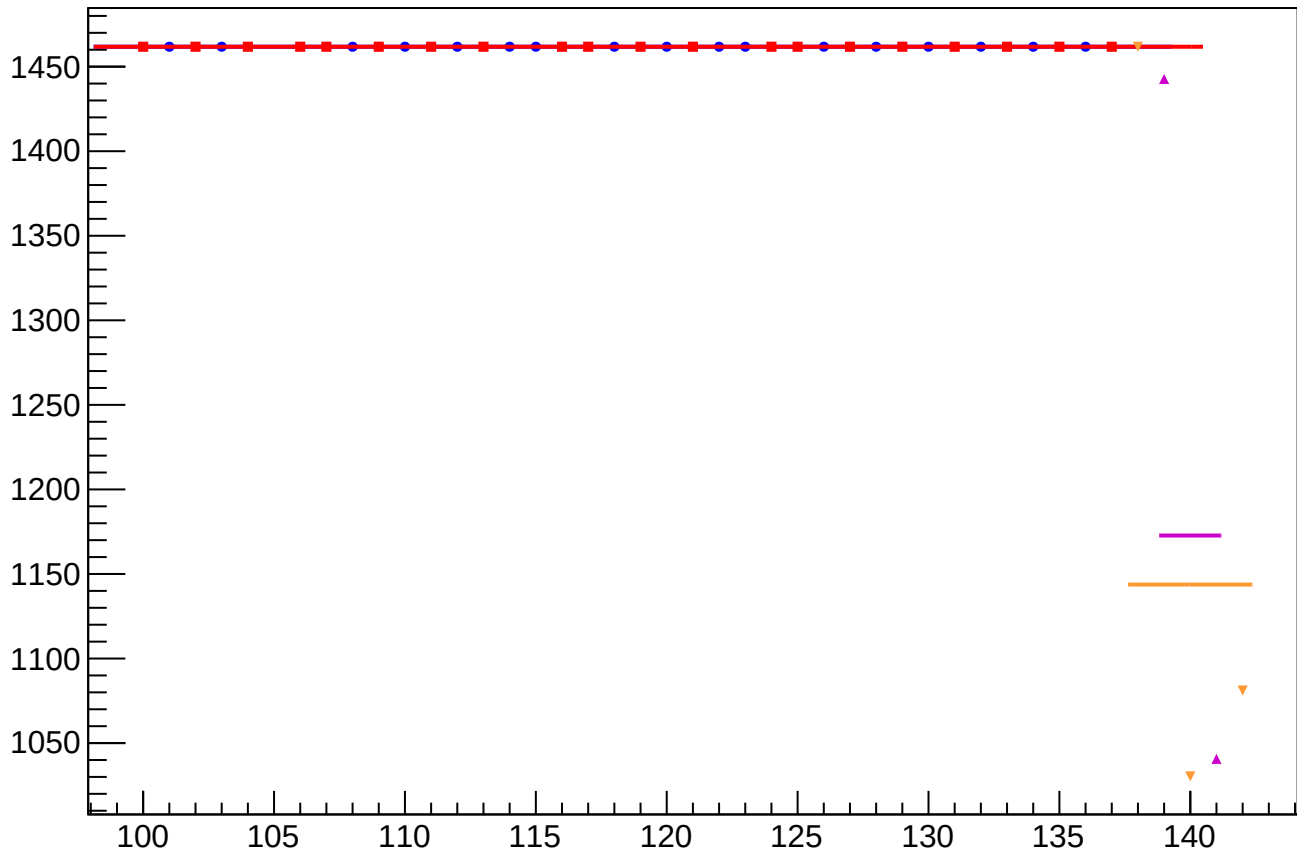
Left In: -1151.168 $\pm$ 930.461 χ^2/NDF : 1.9/1

845.738 $\pm$ 372.552 χ^2/NDF : 4.2/19

-117.403 $\pm$ 257.100 χ^2/NDF : 18.9/41

-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: 1143.749 $\pm$ 0.587 χ^2 /NDF: 90543.7/2

Right Out: 1461.780 $\pm$ 0.272 χ^2 /NDF: 0.0/19

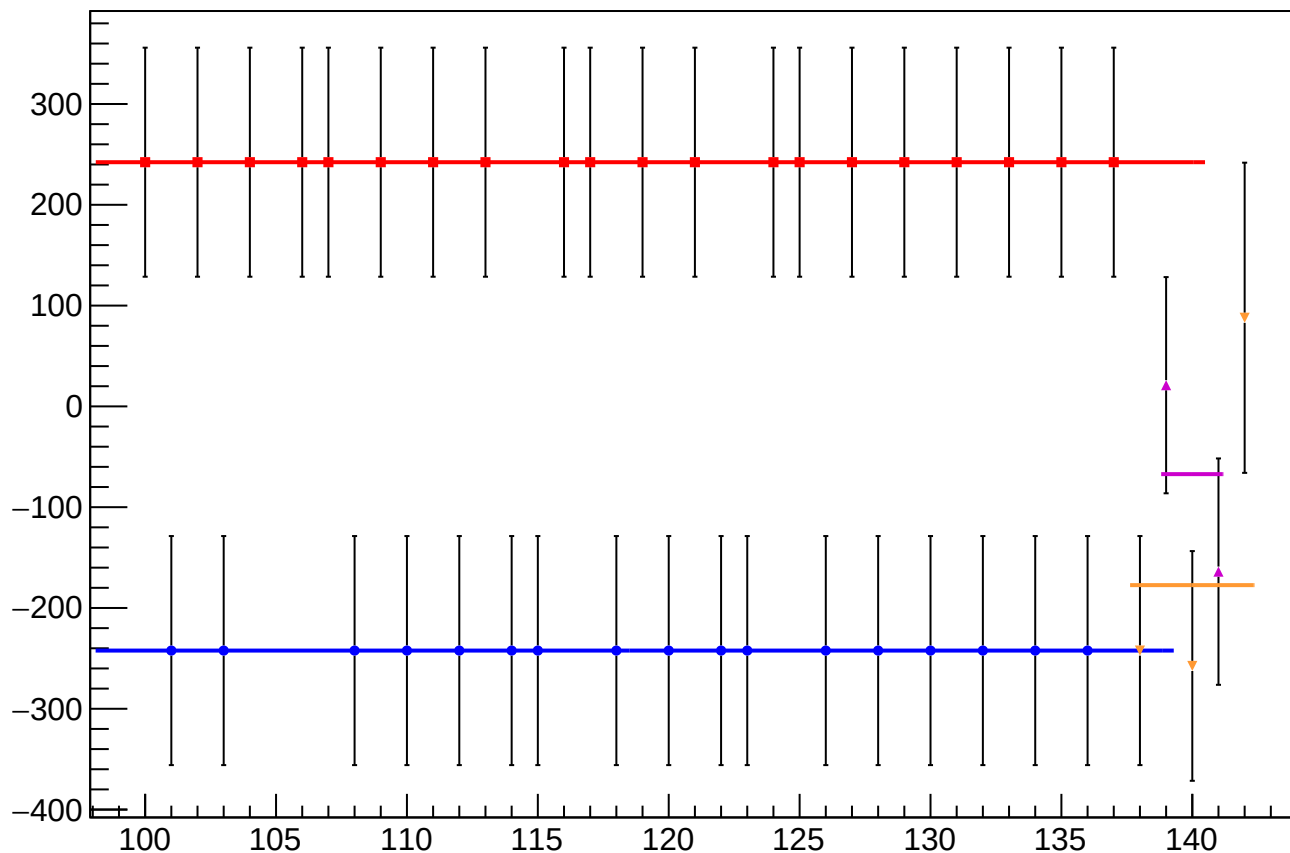
Left In: 1172.744 $\pm$ 0.658 χ^2 /NDF: 82357.7/1

1397.706 $\pm$ 0.263 χ^2 /NDF: 325020.8/19

1409.198 $\pm$ 0.182 χ^2 /NDF: 575870.6/41

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 ± 27.558 χ^2/NDF : 0.0/16

Left Out: -177.333 ± 71.300 χ^2/NDF : 3.8/2

Right Out: 242.262 ± 25.407 χ^2/NDF : 0.0/19

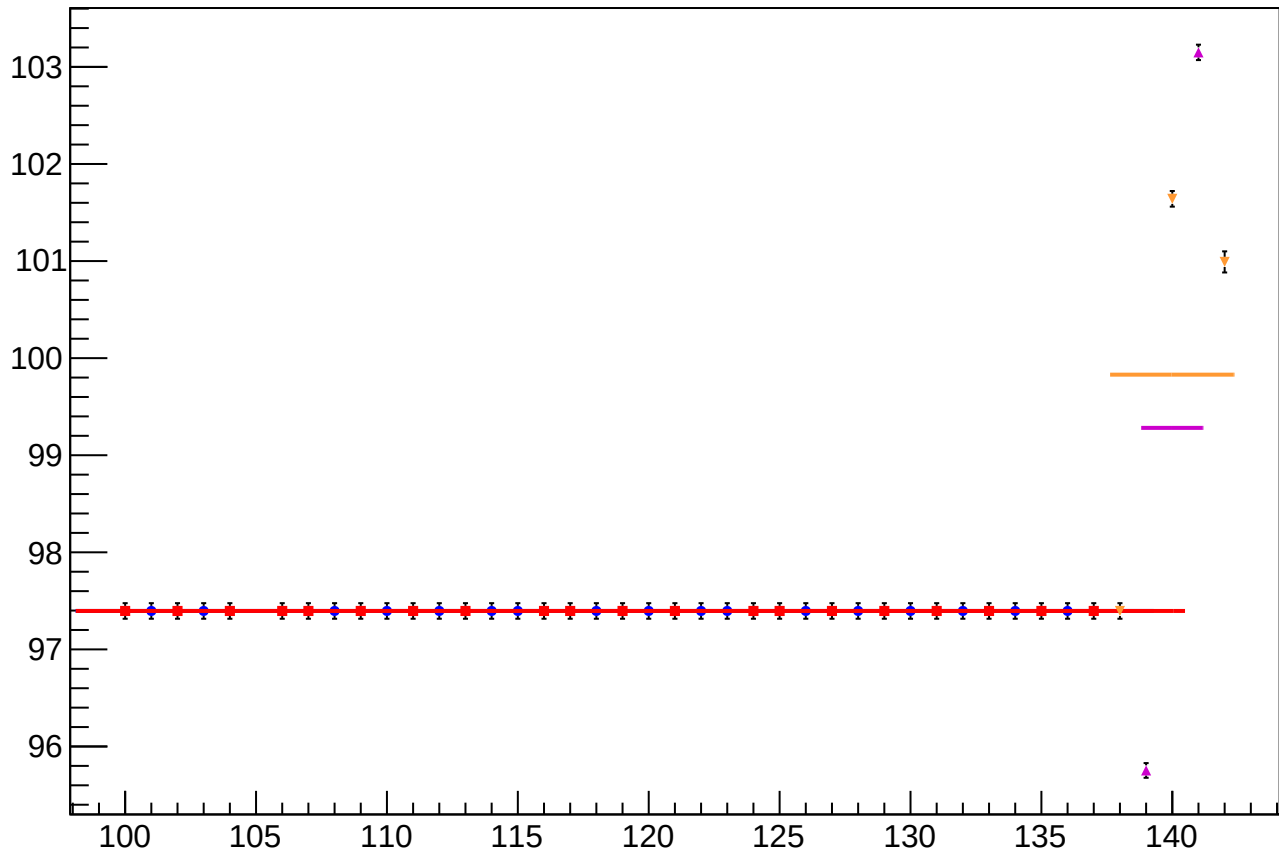
Left In: -67.213 ± 77.560 χ^2/NDF : 1.4/1

-233.823 ± 25.705 χ^2/NDF : 4.5/19

3.171 ± 17.599 χ^2/NDF : 180.3/41

212.270 ± 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: 99.830 $\pm$ 0.050 χ^2 /NDF:1537.0/2

Right Out: 97.396 $\pm$ 0.018 χ^2 /NDF: 0.0/19

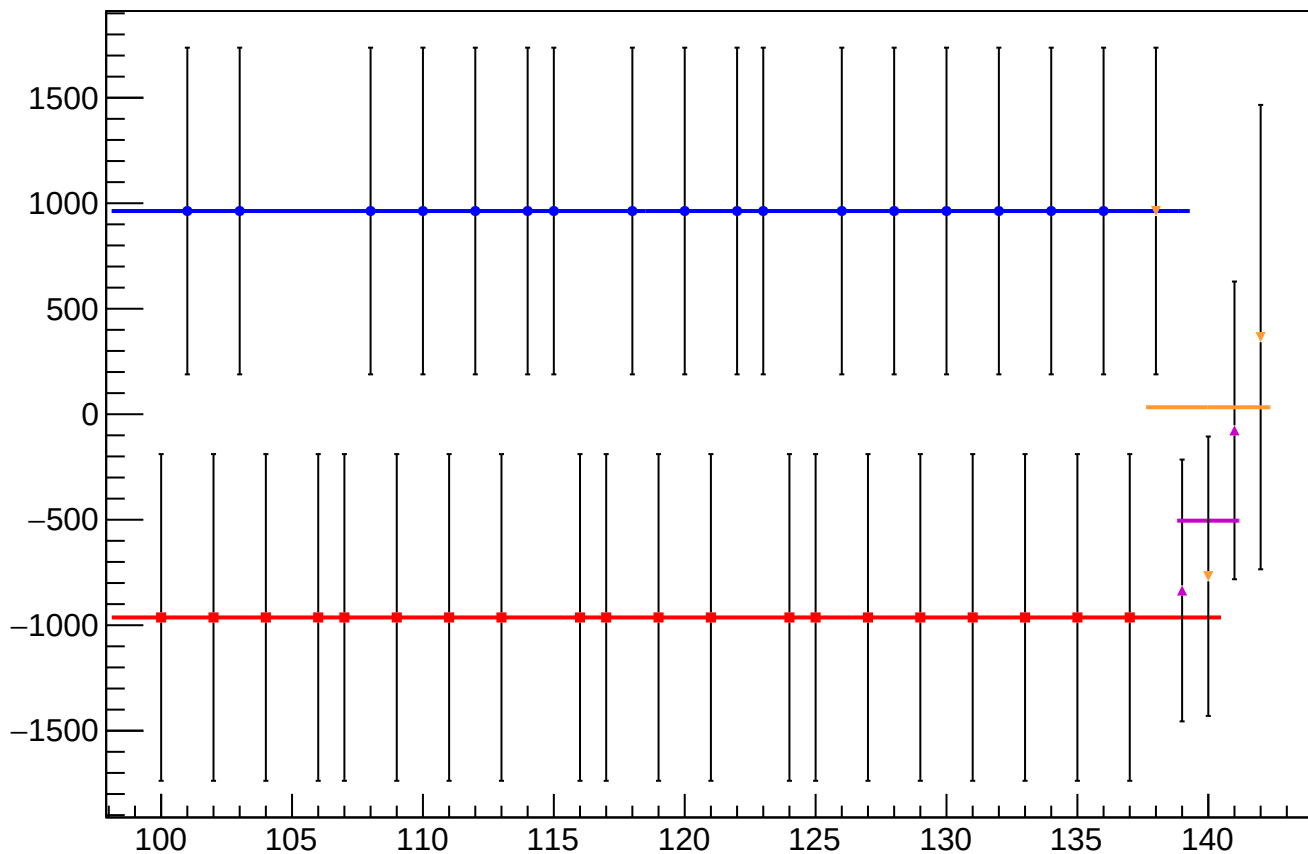
Left In: 99.282 $\pm$ 0.055 χ^2 /NDF:4537.6/1

97.712 $\pm$ 0.018 χ^2 /NDF: 3564.9/19

97.641 $\pm$ 0.012 χ^2 /NDF: 9198.9/41

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: 33.015 $\pm$ 457.624 χ^2/NDF : 3.0/2

Right Out: -963.150 $\pm$ 173.110 χ^2/NDF : 0.0/19

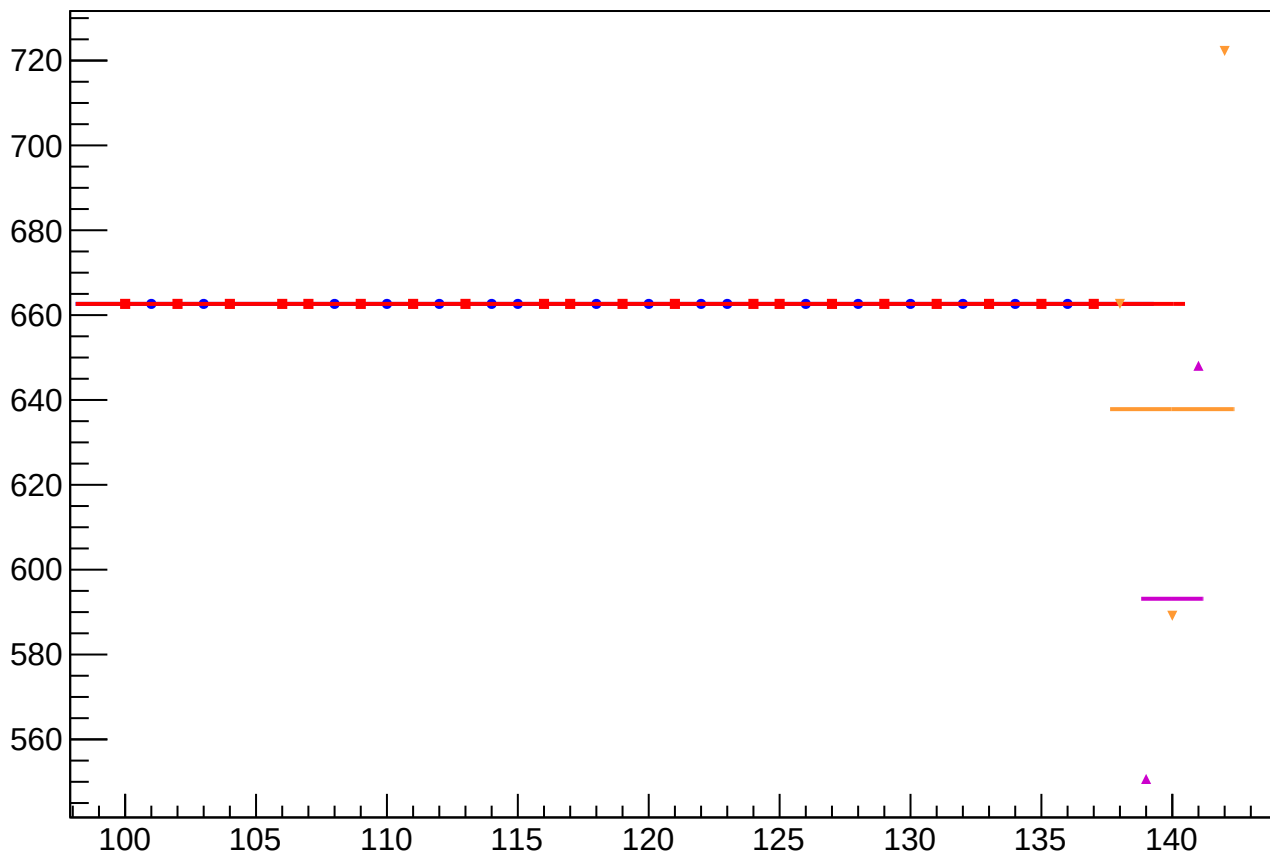
Left In: -504.431 $\pm$ 465.904 χ^2/NDF : 0.7/1

829.125 $\pm$ 173.711 χ^2/NDF : 6.5/19

-98.251 $\pm$ 118.581 χ^2/NDF : 61.4/41

-907.503 $\pm$ 162.271 χ^2/NDF : 1.5/21

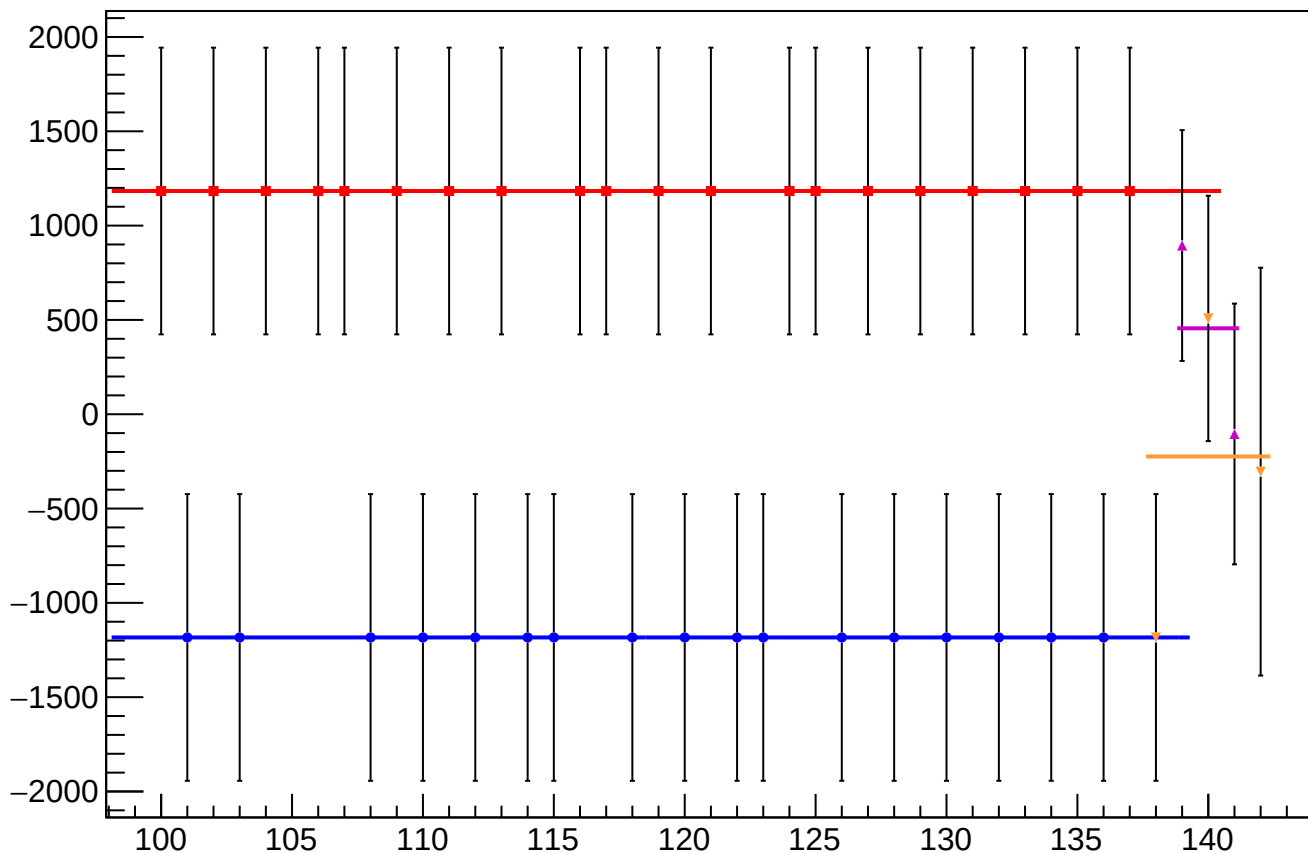
asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 662.643 $\pm$ 0.133 χ^2/NDF : 0.0/16
 Left Out: 637.837 $\pm$ 0.324 χ^2/NDF : 24641.3/2
 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

659.069 $\pm$ 0.123 χ^2/NDF : 29670.9/19
 656.475 $\pm$ 0.084 χ^2/NDF : 91097.0/41
 654.212 $\pm$ 0.115 χ^2/NDF : 60591.3/21

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: -1183.379 $\pm$ 184.317 χ^2 /NDF: 0.0/16

Left Out: -223.951 $\pm$ 449.425 χ^2 /NDF: 2.9/2

Right Out: 1183.379 $\pm$ 169.932 χ^2 /NDF: 0.0/19

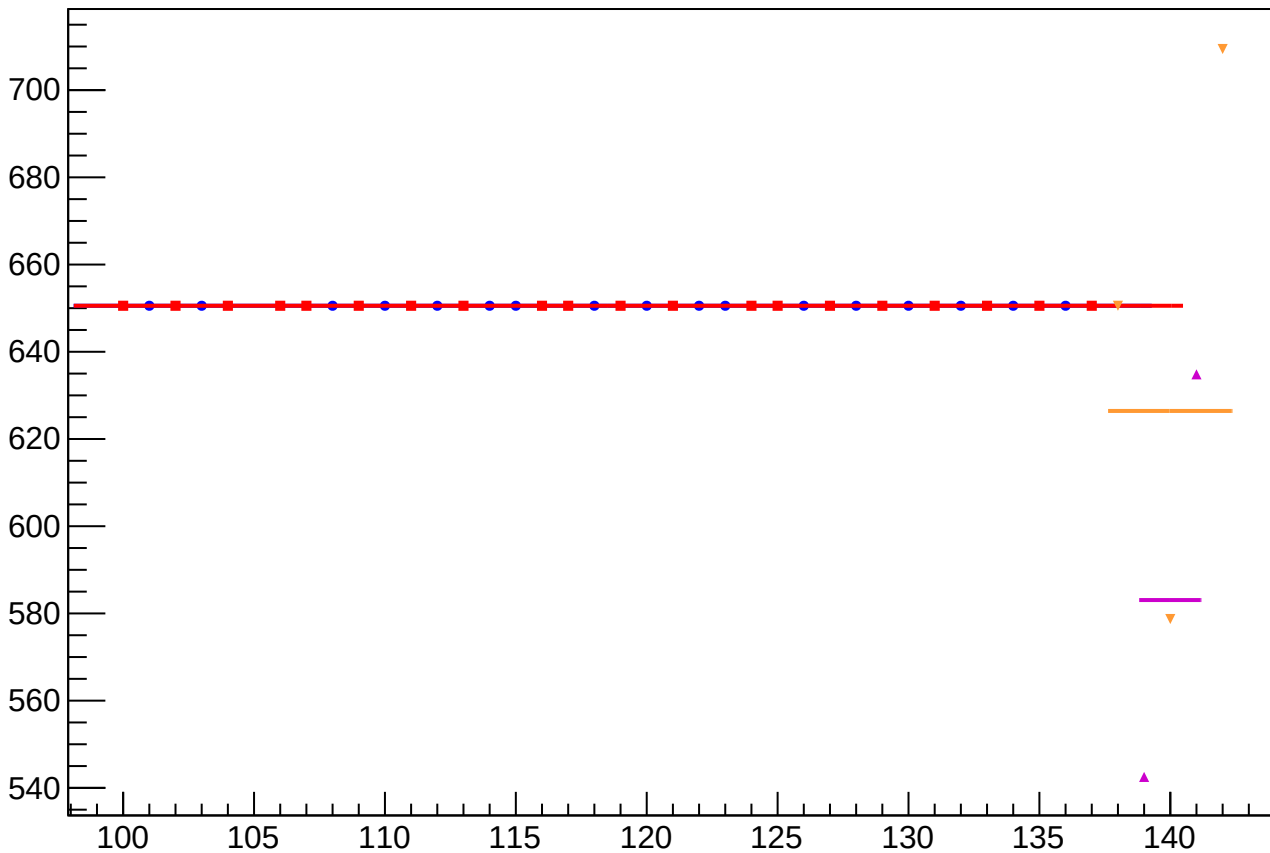
Left In: 455.557 $\pm$ 458.078 χ^2 /NDF: 1.2/1

-1045.241 $\pm$ 170.533 χ^2 /NDF: 6.8/19

97.711 $\pm$ 116.420 χ^2 /NDF: 94.3/41

1095.335 $\pm$ 159.323 χ^2 /NDF: 3.4/21

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 650.553+/-0.130 χ^2/NDF : 0.0/16

Left Out: 626.432 $\pm$ 0.318 χ^2 /NDF:24565.1/2

Right Out: 650.553+/-0.120 χ^2/NDF : 0.0/19

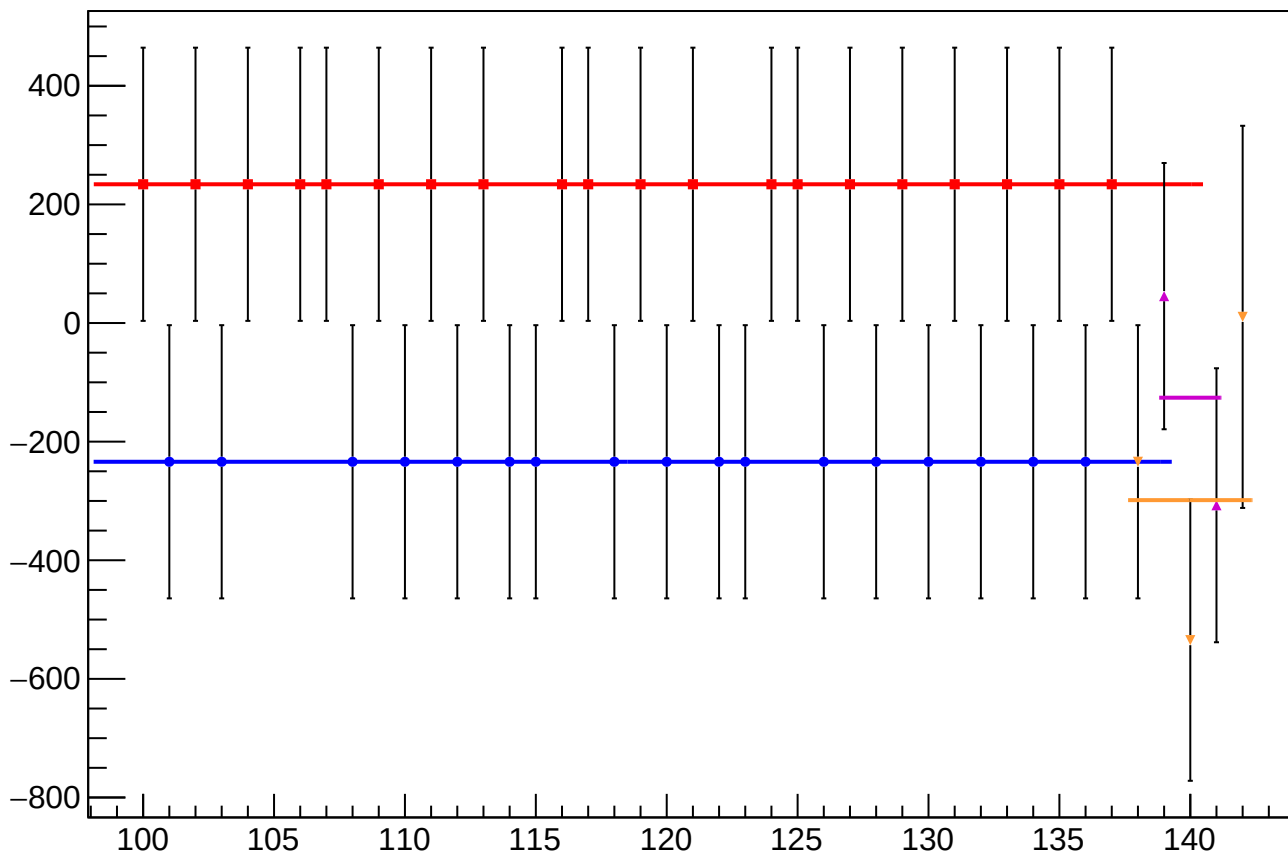
Left In: 583.070+/-0.324 χ^2/NDF :20007.9/1

647.080 $\pm$ 0.121 χ^2 /NDF: 29496.8/19

644.575+/-0.082 χ^2/NDF : 88466.8/41

642.390+/-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: -298.630+/-147.027 χ^2/NDF : 2.0/2

Right Out: 233.951+/-51.502 χ^2/NDF : 0.0/19

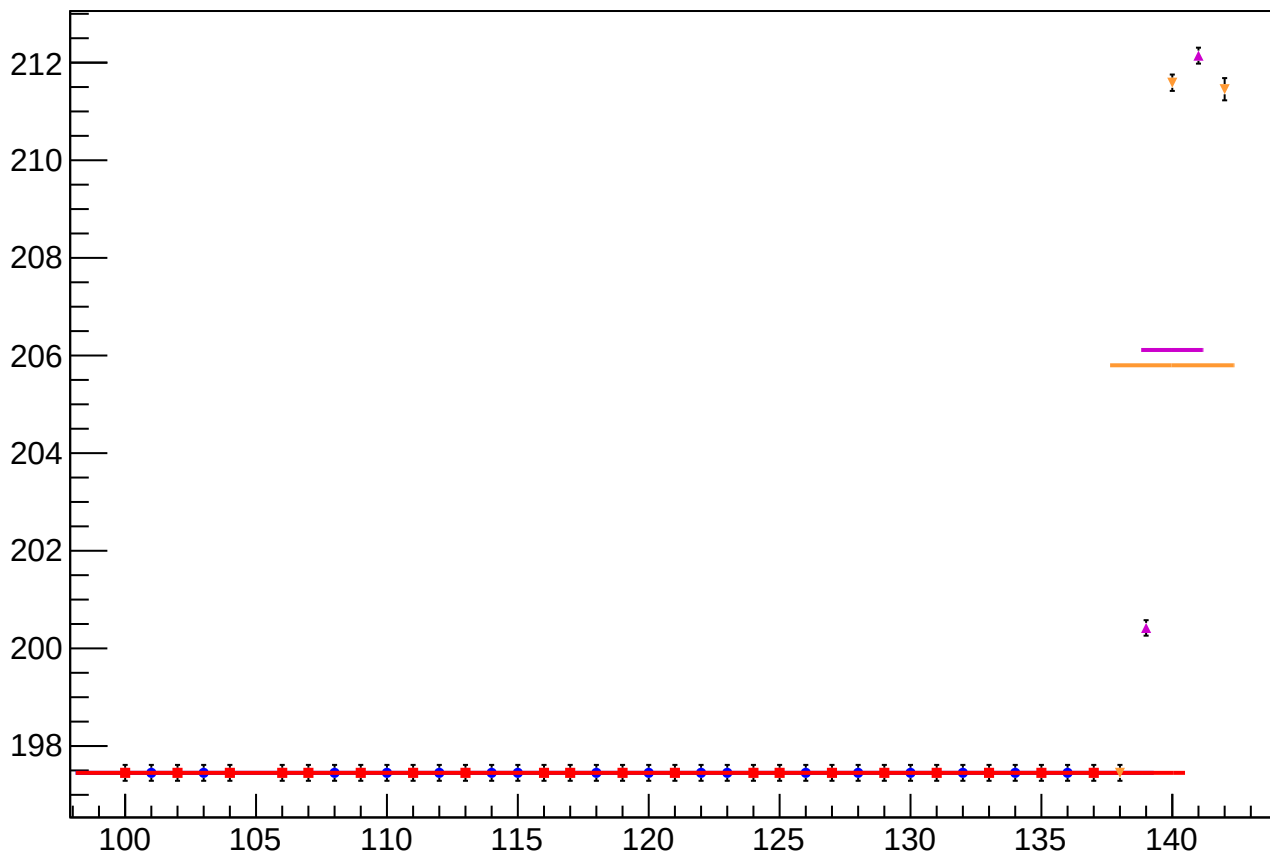
Left In: -125.919+/-160.980 χ^2/NDF : 1.2/1

-242.110+/-52.220 χ^2/NDF : 2.2/19

-6.958+/-35.753 χ^2/NDF : 46.1/41

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: 205.800 $\pm$ 0.104 χ^2 /NDF:4435.8/2

Right Out: 197.450 $\pm$ 0.036 χ^2 /NDF: 0.0/19

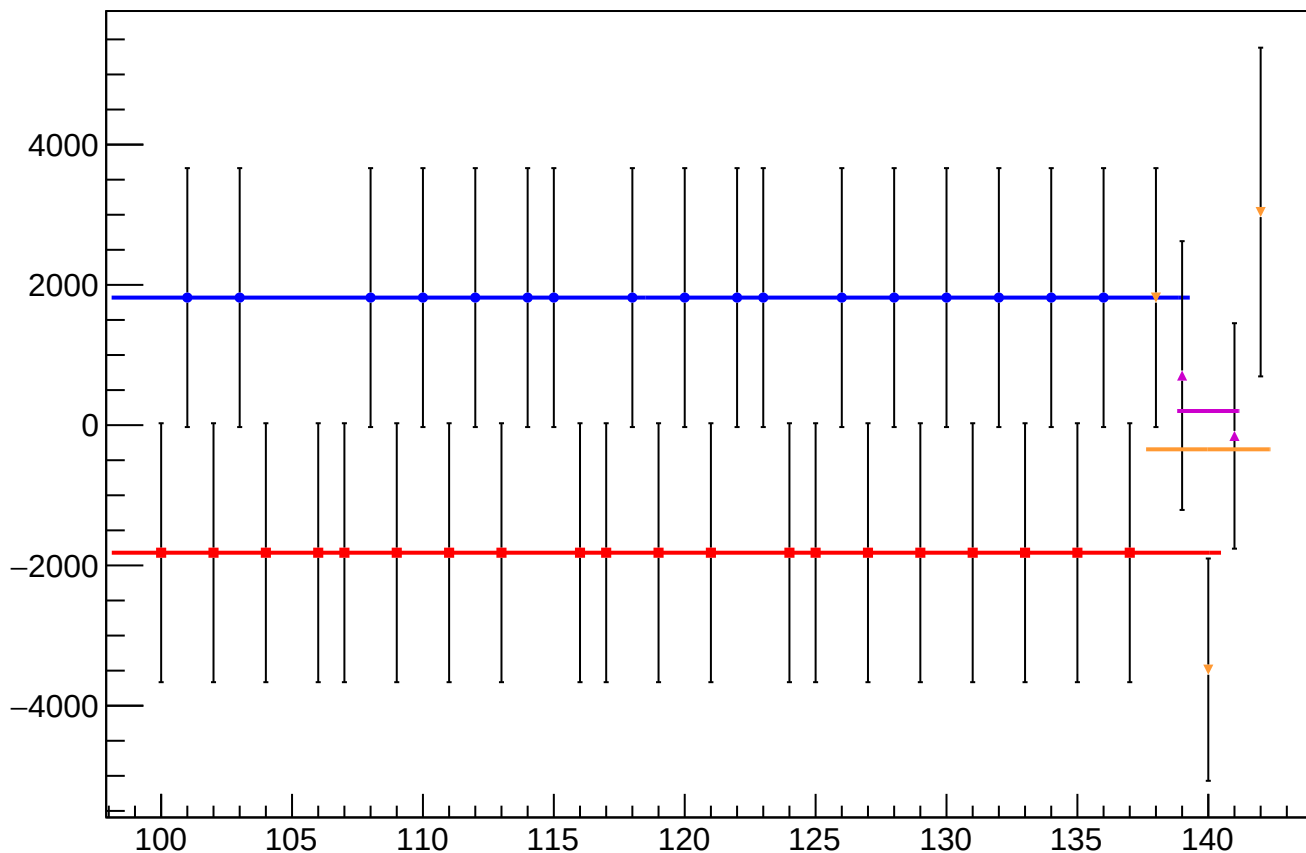
Left In: 206.113 $\pm$ 0.114 χ^2 /NDF:2649.7/1

198.504 $\pm$ 0.037 χ^2 /NDF: 10071.7/19

198.372 $\pm$ 0.025 χ^2 /NDF: 17999.6/41

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: -344.616 $\pm$ 1069.787 χ^2 /NDF: 7.4/2

Right Out: -1818.659 $\pm$ 412.763 χ^2 /NDF: 0.0/19

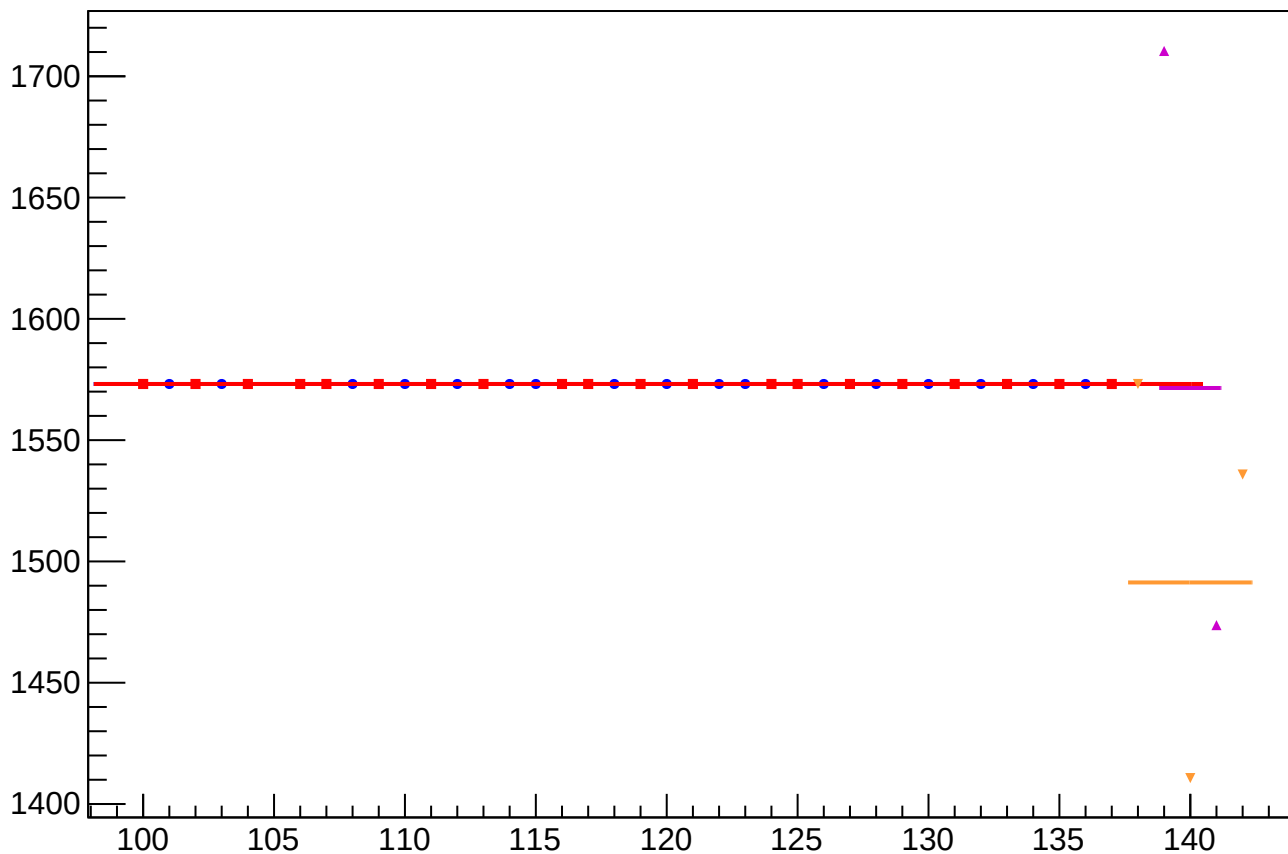
Left In: 201.814 $\pm$ 1231.408 χ^2 /NDF: 0.1/1

1496.248 $\pm$ 412.997 χ^2 /NDF: 10.9/19

-142.773 $\pm$ 284.075 χ^2 /NDF: 43.3/41

-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+/-0.317 χ^2/NDF : 0.0/16

Left Out: 1491.336+/-0.756 χ^2/NDF : 9830.1/2

Right Out: 1573.153+/-0.292 χ^2/NDF : 0.0/19

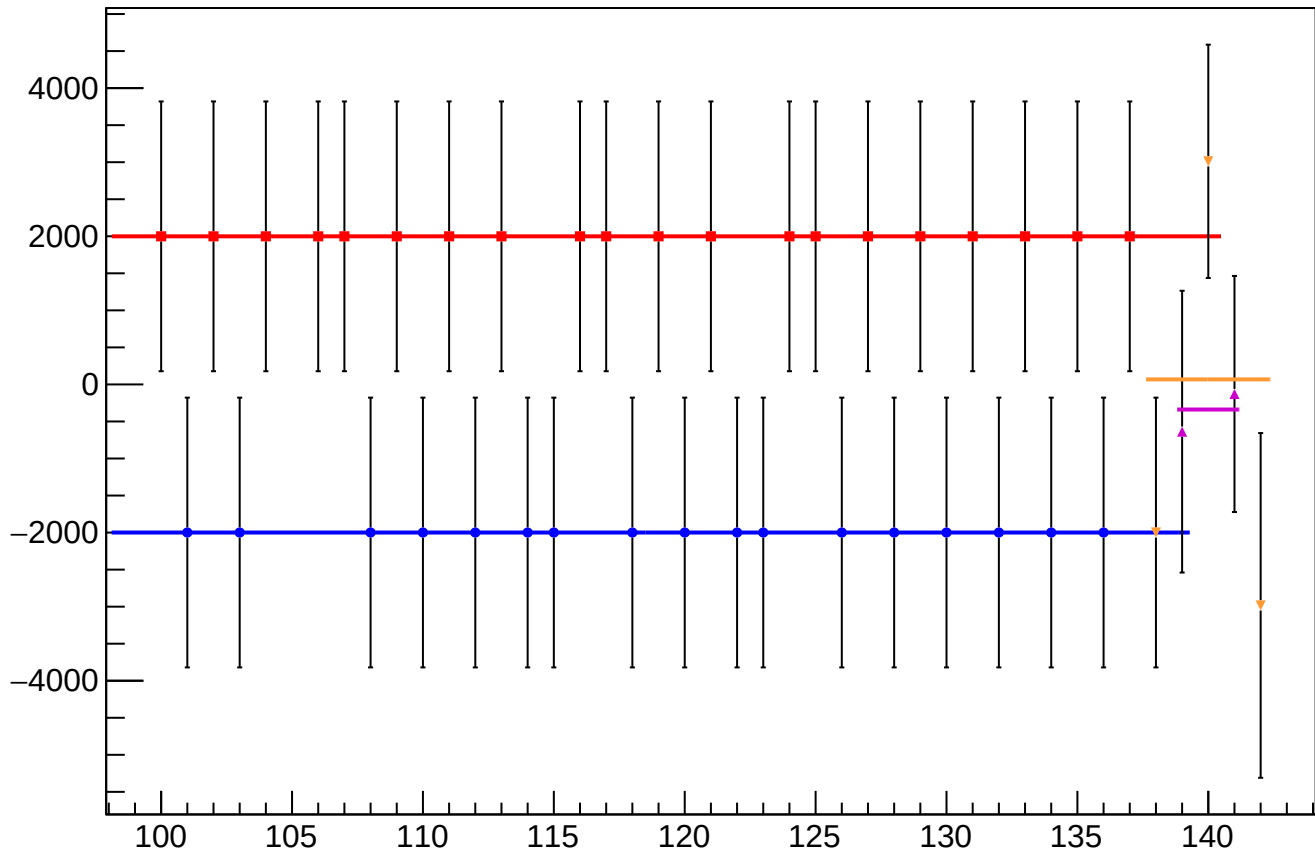
Left In: 1571.502+/-0.871 χ^2/NDF : 17914.3/1

1560.959+/-0.292 χ^2/NDF : 19785.0/19

1567.296+/-0.201 χ^2/NDF : 38596.1/41

1572.987+/-0.277 χ^2/NDF : 17917.5/21

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: -1999.222+/-441.641 χ^2/NDF : 0.0/16

Left Out: 67.956+/-1060.274 χ^2/NDF : 6.5/2

Right Out: 1999.222+/-407.173 χ^2/NDF : 0.0/19

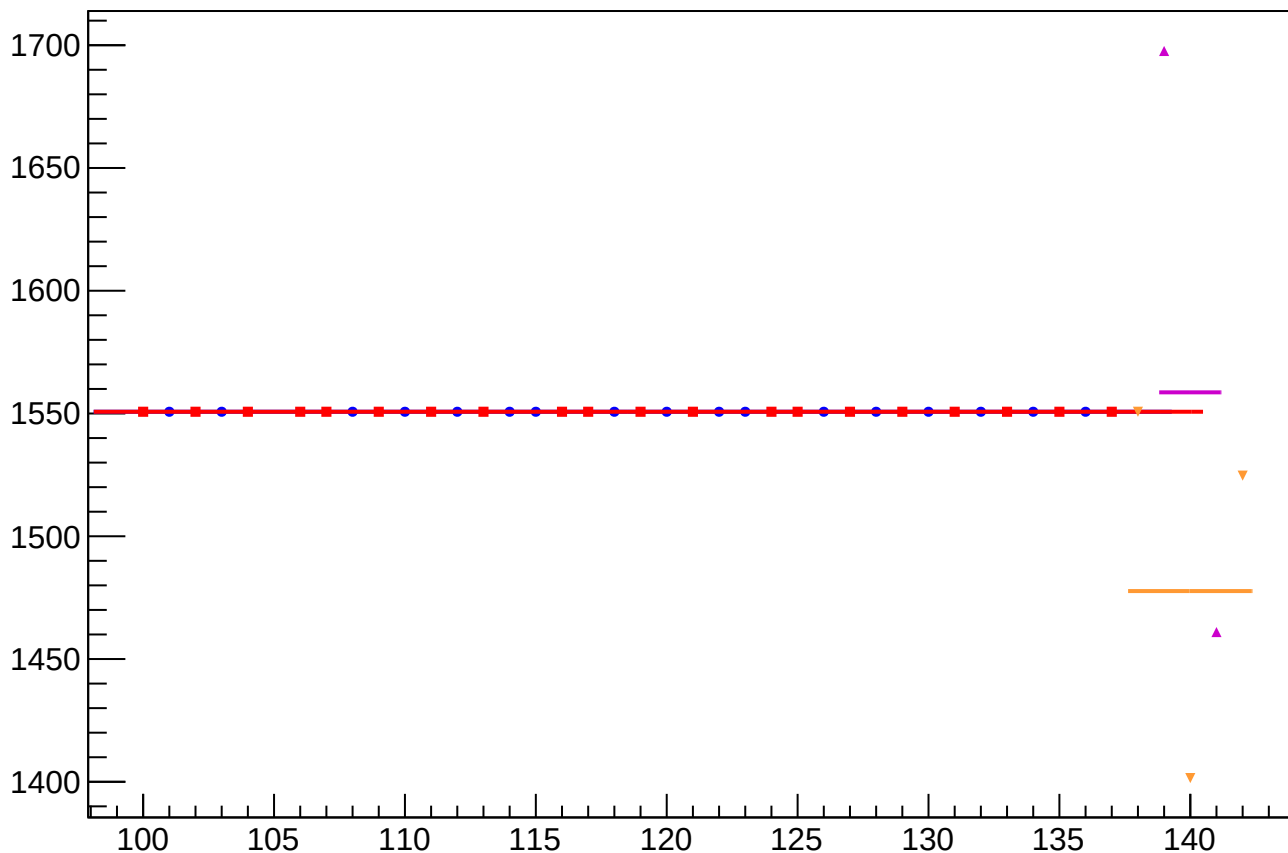
Left In: -338.883+/-1221.461 χ^2/NDF : 0.0/1

-1693.591+/-407.688 χ^2/NDF : 9.7/19

129.113+/-280.403 χ^2/NDF : 51.0/41

1765.392+/-386.276 χ^2/NDF : 3.3/21

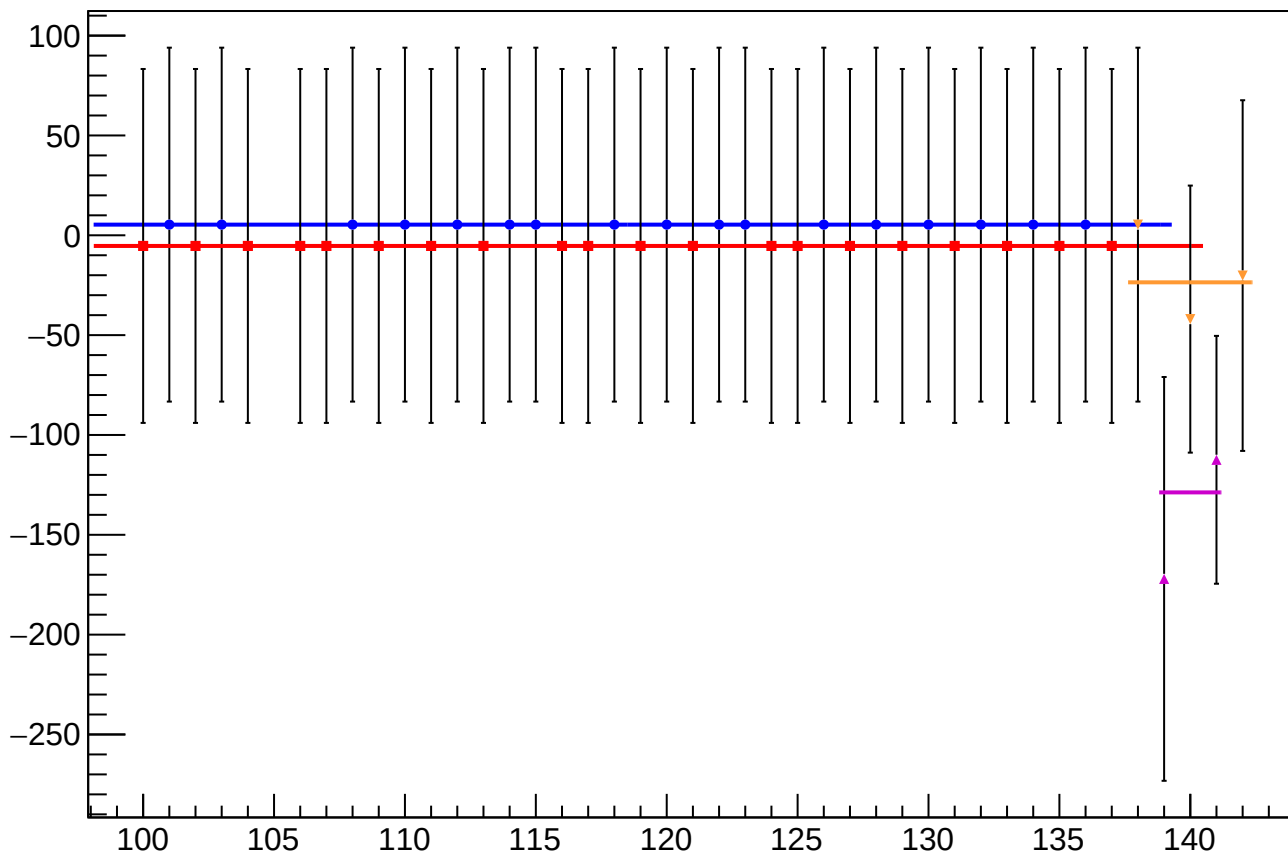
asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 1550.714 $\pm$ 0.312 χ^2 /NDF: 0.0/16
Left Out: 1477.678 $\pm$ 0.750 χ^2 /NDF: 8711.9/2
Right Out: 1550.714 $\pm$ 0.288 χ^2 /NDF: 0.0/19
Left In: 1558.617 $\pm$ 0.864 χ^2 /NDF: 18196.7/1

1539.916 $\pm$ 0.288 χ^2 /NDF: 16798.8/19
1546.022 $\pm$ 0.198 χ^2 /NDF: 35922.5/41
1551.505 $\pm$ 0.273 χ^2 /NDF: 18272.1/21

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 5.337 ± 21.495 χ^2/NDF : 0.0/16

Left Out: -23.561 ± 45.614 χ^2/NDF : 0.2/2

Right Out: -5.337 ± 19.817 χ^2/NDF : 0.0/19

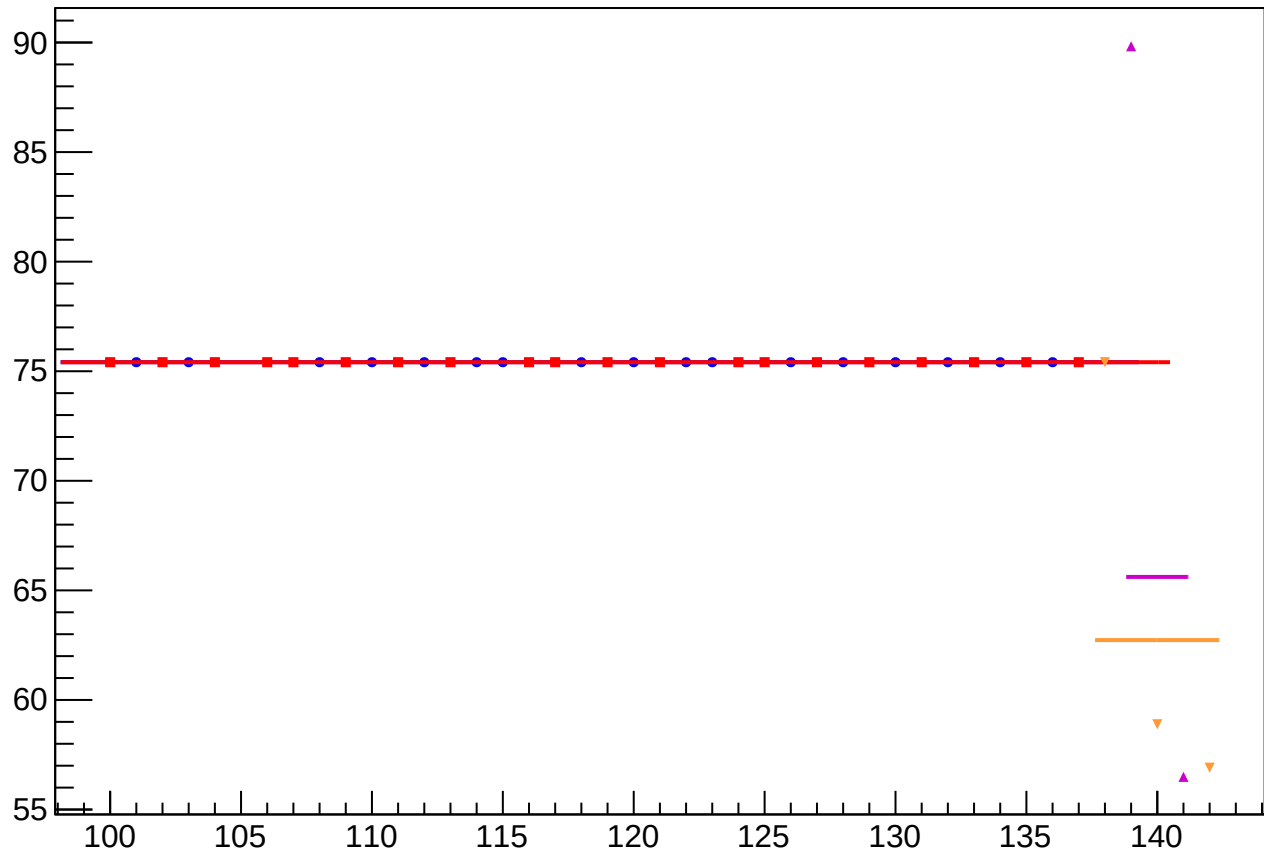
Left In: -128.764 ± 52.895 χ^2/NDF : 0.3/1

0.086 ± 19.444 χ^2/NDF : 0.5/19

-10.703 ± 13.425 χ^2/NDF : 6.1/41

-20.530 ± 18.558 χ^2/NDF : 5.0/21

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: 62.732 $\pm$ 0.032 χ^2 /NDF:56337.5/2

Right Out: 75.412 $\pm$ 0.014 χ^2 /NDF: 0.0/19

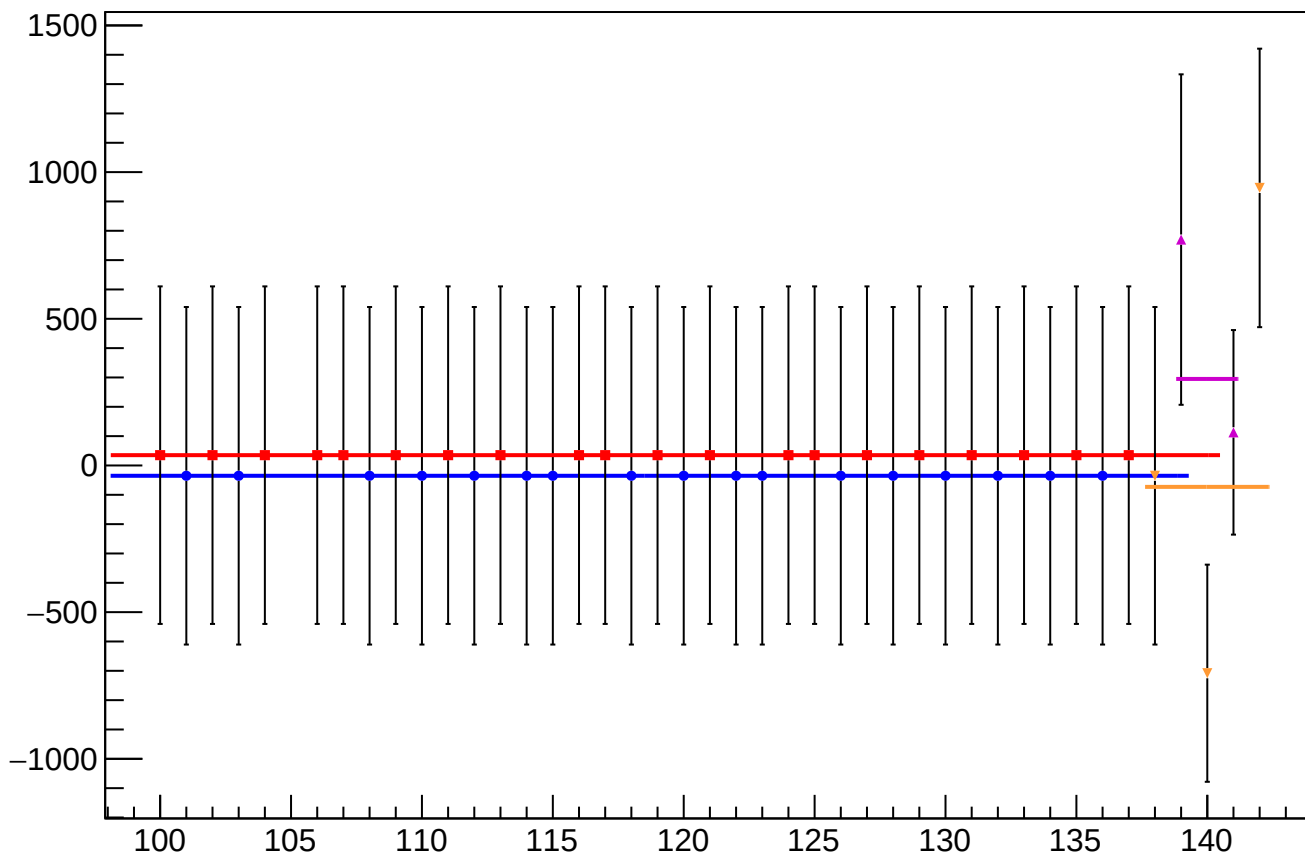
Left In: 65.614 $\pm$ 0.037 χ^2 /NDF:157914.3/1

73.108 $\pm$ 0.014 χ^2 /NDF: 182805.8/19

73.682 $\pm$ 0.009 χ^2 /NDF: 404230.1/41

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: -72.963 ± 260.292 χ^2/NDF : 7.6/2

Right Out: 35.152 ± 128.648 χ^2/NDF : 0.0/19

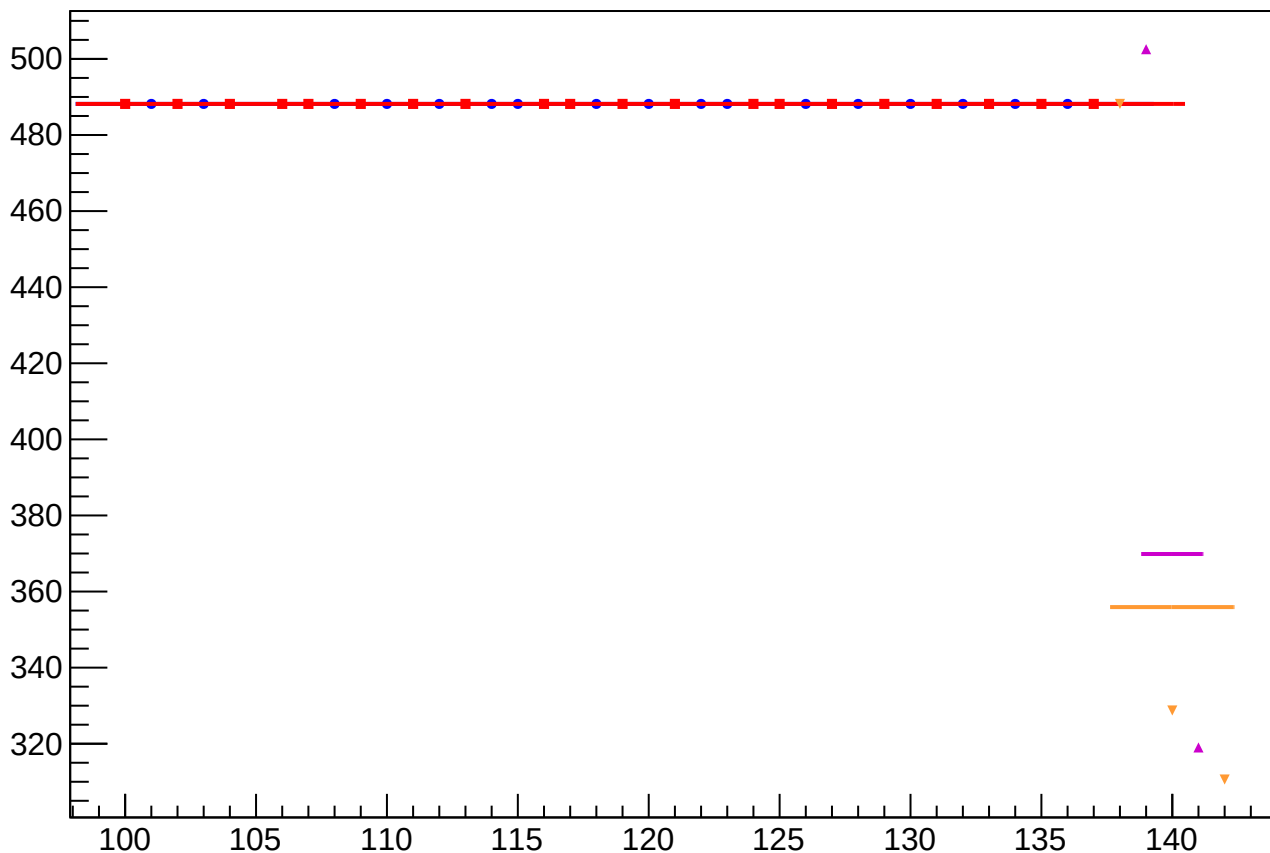
Left In: 294.981 ± 296.464 χ^2/NDF : 1.0/1

-43.593 ± 122.981 χ^2/NDF : 7.6/19

18.836 ± 85.151 χ^2/NDF : 9.7/41

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: 355.915 $\pm$ 0.184 χ^2 /NDF:134711.5/2

Right Out: 488.174 $\pm$ 0.091 χ^2 /NDF: 0.0/19

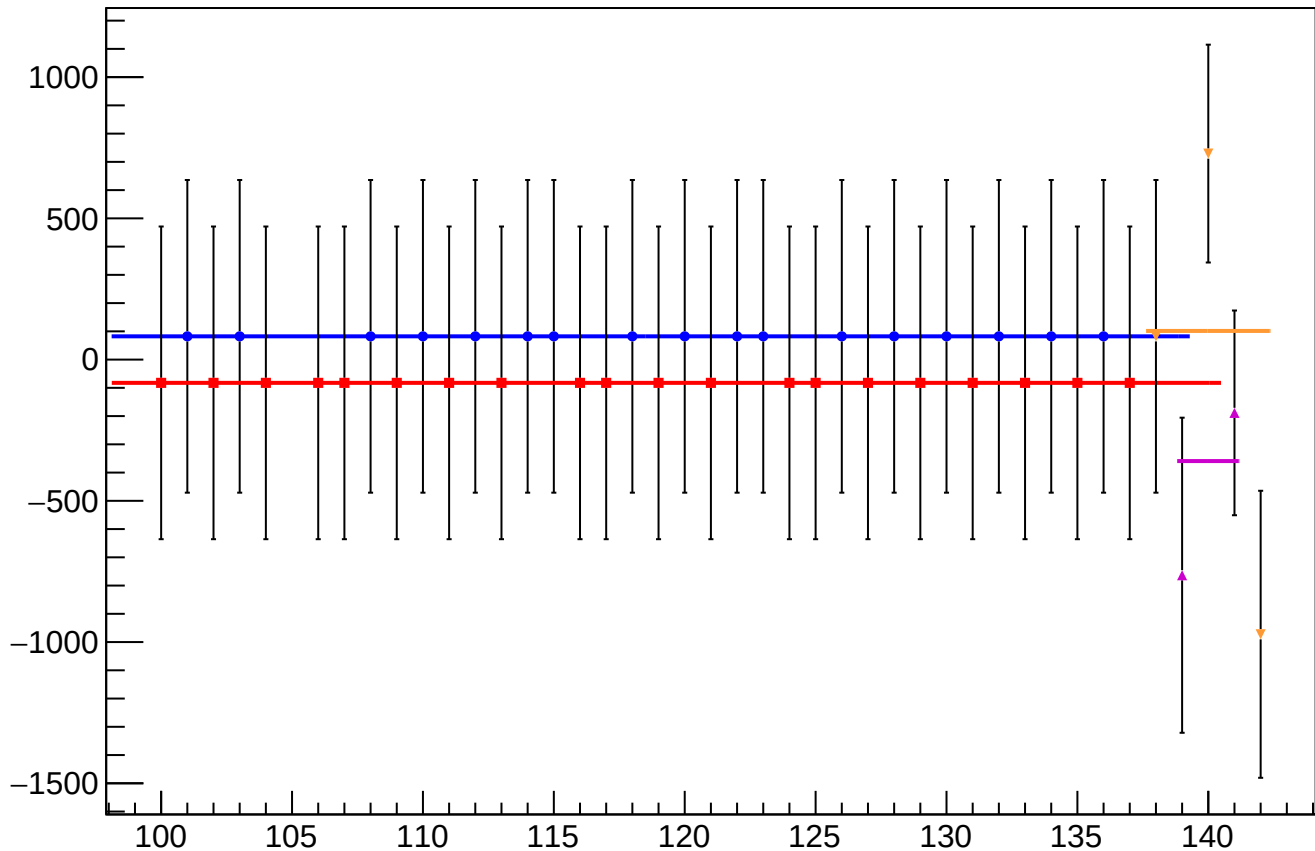
Left In: 369.869 $\pm$ 0.210 χ^2 /NDF:153523.4/1

458.650 $\pm$ 0.087 χ^2 /NDF: 535804.5/19

464.260 $\pm$ 0.060 χ^2 /NDF: 965342.5/41

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 χ^2/NDF : 0.0/16

Left Out: 101.454+/-268.574 χ^2/NDF : 7.1/2

Right Out: -82.340+/-123.764 χ^2/NDF : 0.0/19

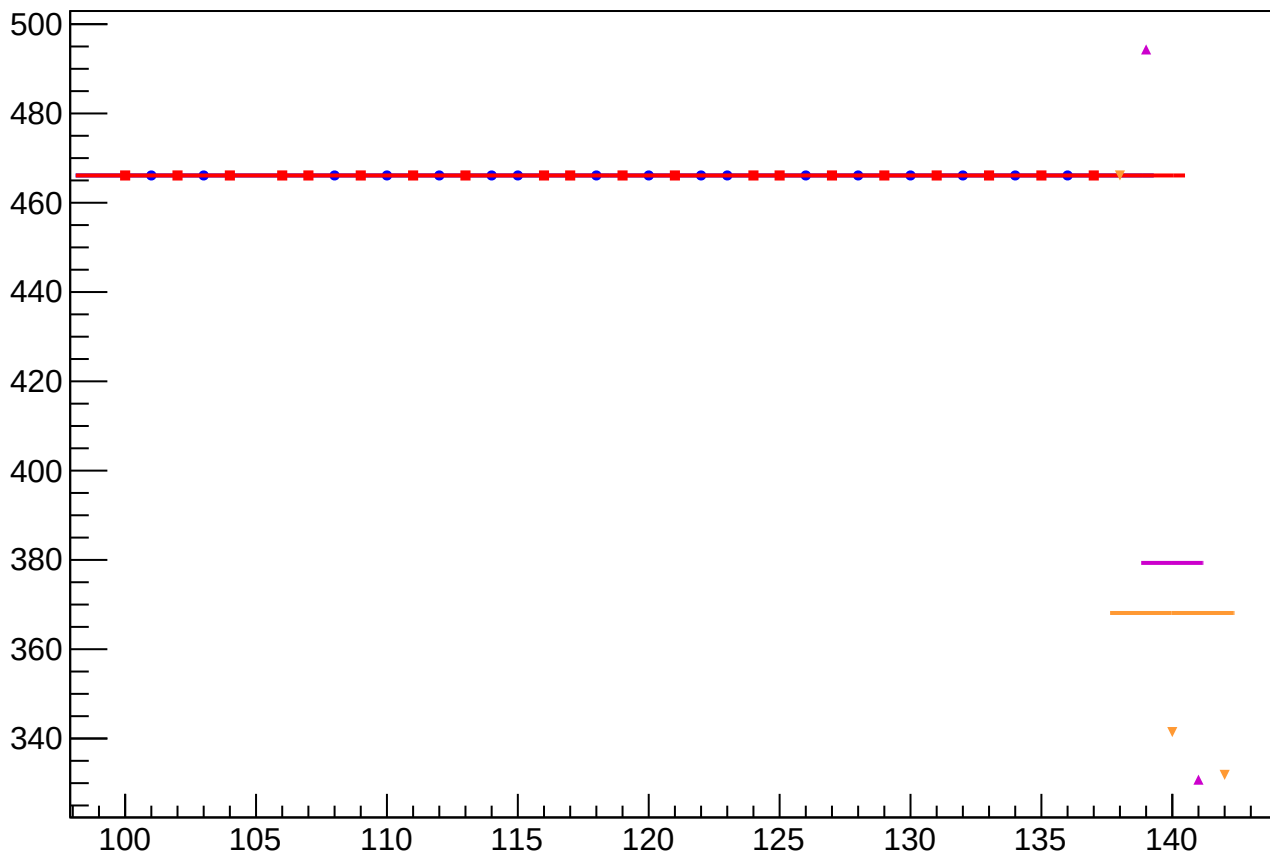
Left In: -359.246+/-303.878 χ^2/NDF : 0.7/1

86.161+/-120.077 χ^2/NDF : 7.1/19

-22.618+/-82.911 χ^2/NDF : 10.2/41

-121.738+/-114.622 χ^2/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: 368.115 $\pm$ 0.190 χ^2 /NDF: 82454.9/2

Right Out: 466.112 $\pm$ 0.088 χ^2 /NDF: 0.0/19

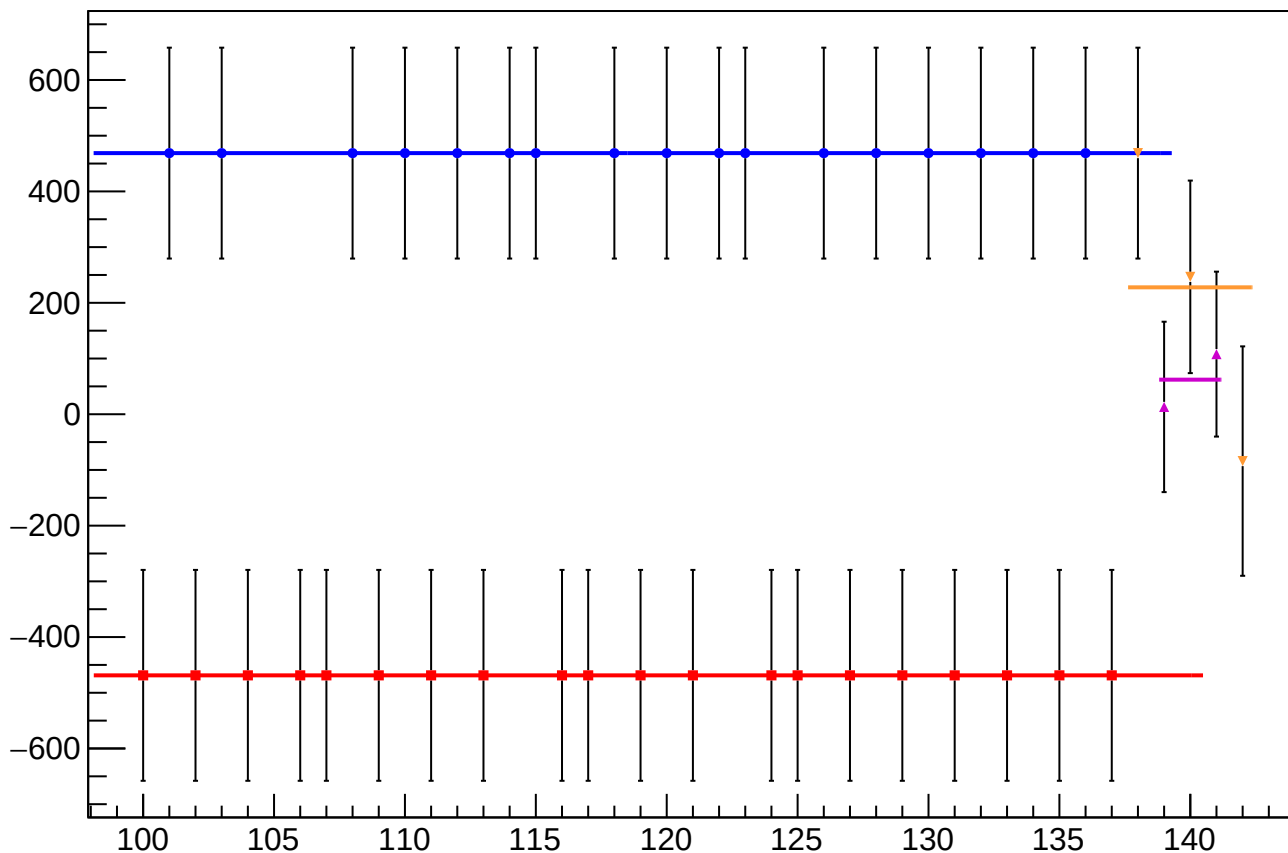
Left In: 379.331 $\pm$ 0.215 χ^2 /NDF: 120931.7/1

446.523 $\pm$ 0.085 χ^2 /NDF: 295502.0/19

450.312 $\pm$ 0.059 χ^2 /NDF: 560143.0/41

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 $\pm$ 45.908 χ^2/NDF : 0.0/16

Left Out: 227.789 $\pm$ 108.479 χ^2/NDF : 3.9/2

Right Out: -468.736 $\pm$ 42.325 χ^2/NDF : 0.0/19

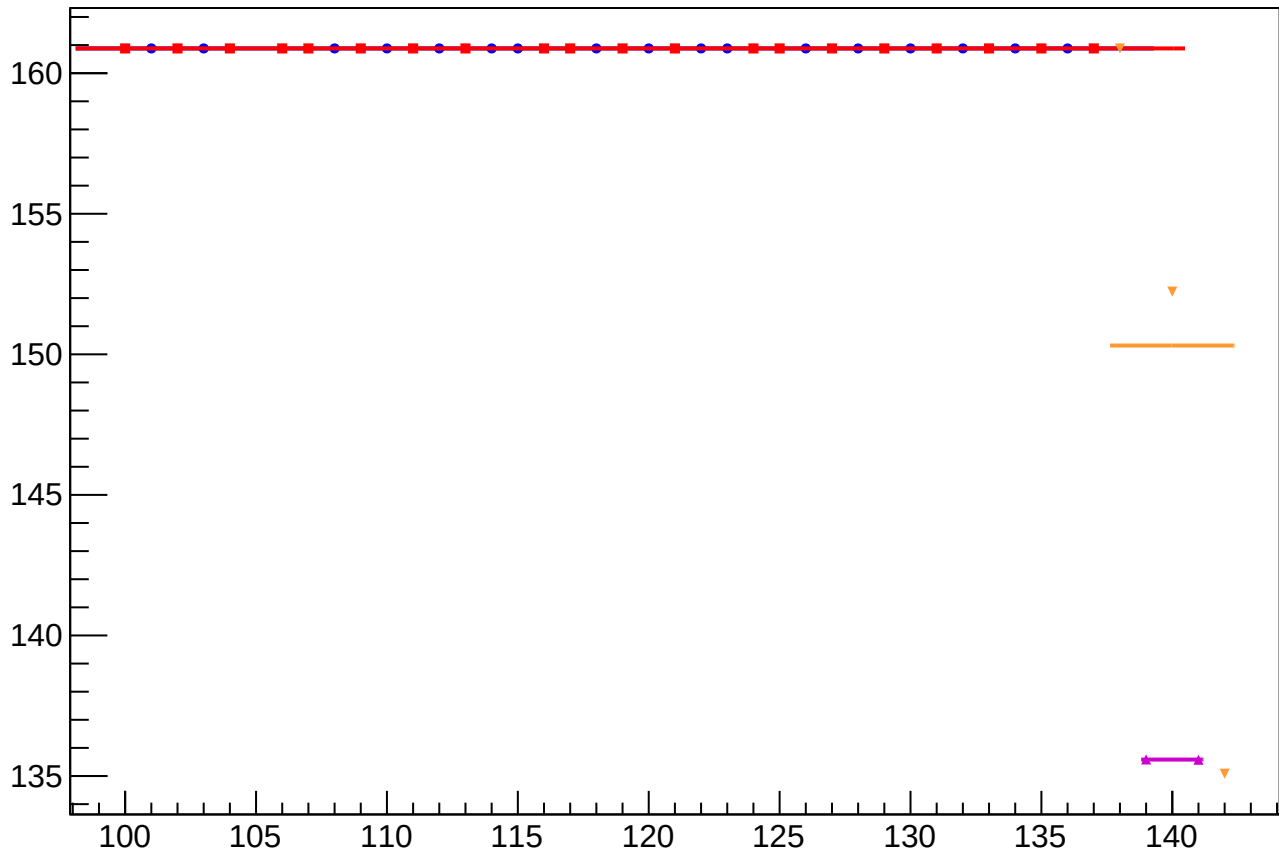
Left In: 62.066 $\pm$ 106.366 χ^2/NDF : 0.2/1

432.138 $\pm$ 42.278 χ^2/NDF : 8.1/19

-11.944 $\pm$ 28.795 χ^2/NDF : 235.6/41

-396.178 $\pm$ 39.326 χ^2/NDF : 21.7/21

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 160.881 $\pm$ 0.032 χ^2 /NDF: 0.0/16

Left Out: 150.313 $\pm$ 0.077 χ^2 /NDF:17422.2/2

Right Out: 160.881 $\pm$ 0.030 χ^2 /NDF: 0.0/19

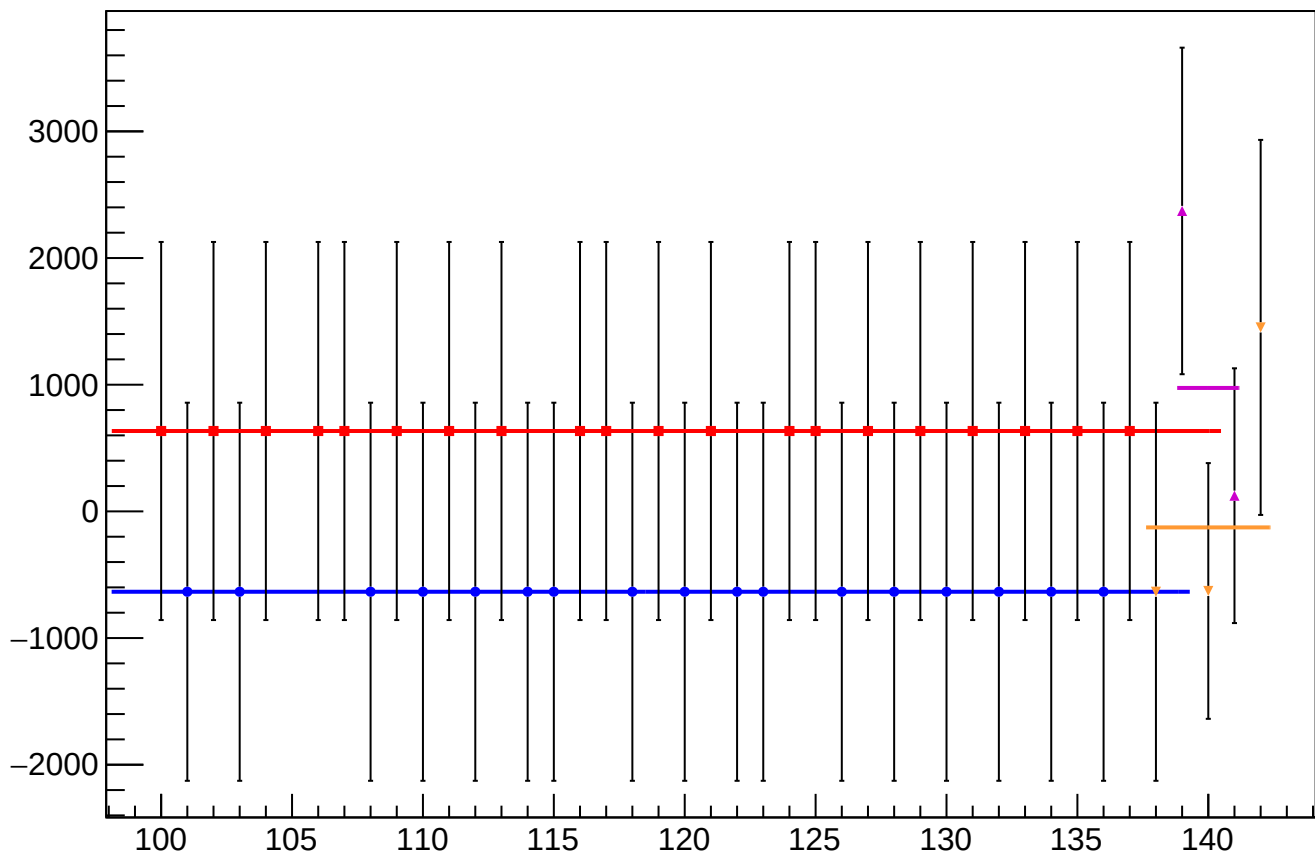
Left In: 135.585 $\pm$ 0.075 χ^2 /NDF:0.0/1

159.276 $\pm$ 0.030 χ^2 /NDF: 33520.5/19

158.283 $\pm$ 0.020 χ^2 /NDF: 133231.5/41

157.423 $\pm$ 0.028 χ^2 /NDF: 97652.2/21

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -634.515 $\pm$ 361.959 χ^2 /NDF: 0.0/16

Left Out: -126.557 $\pm$ 728.028 χ^2 /NDF: 1.5/2

Right Out: 634.515 $\pm$ 333.709 χ^2 /NDF: 0.0/19

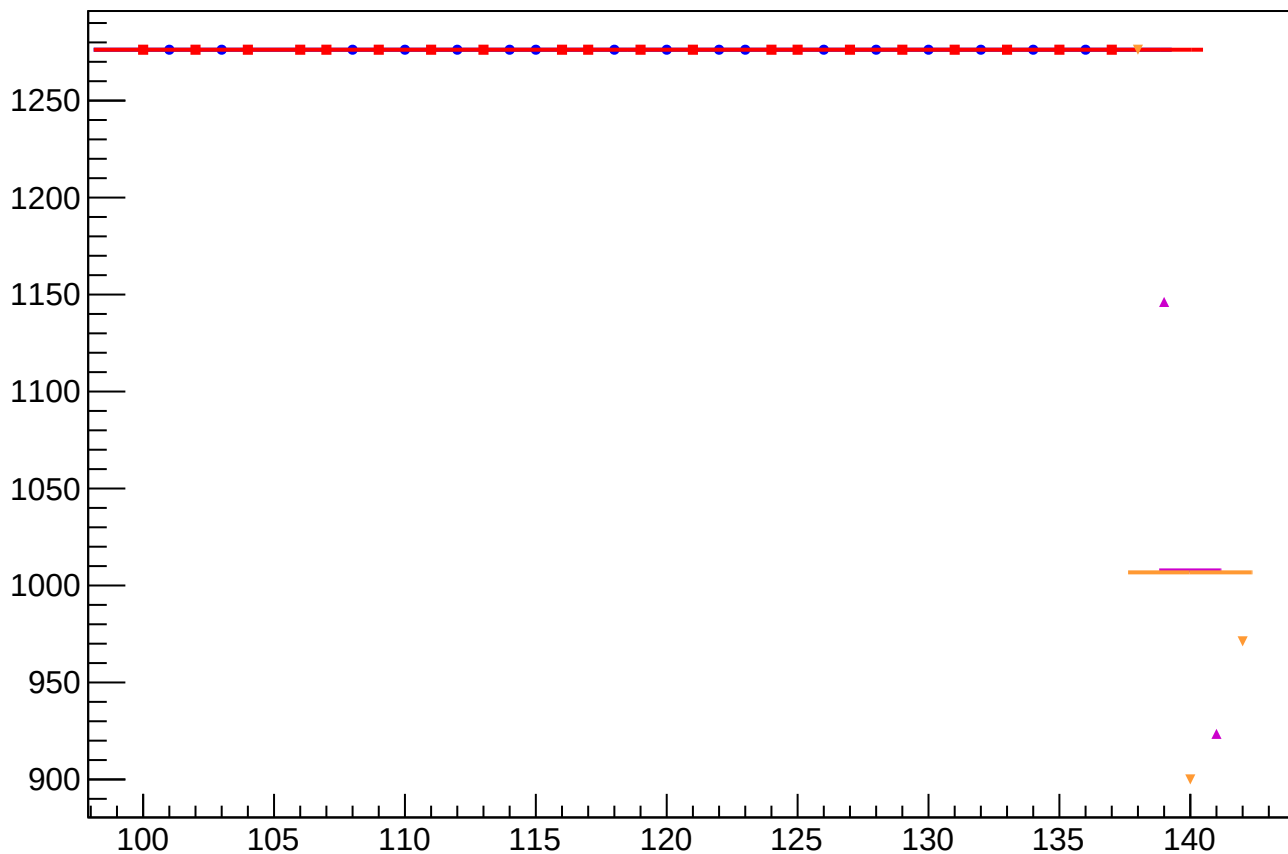
Left In: 974.445 $\pm$ 792.851 χ^2 /NDF: 1.9/1

-533.841 $\pm$ 324.111 χ^2 /NDF: 1.9/19

107.817 $\pm$ 223.105 χ^2 /NDF: 11.4/41

685.673 $\pm$ 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: 1006.765 $\pm$ 0.515 χ^2 /NDF: 88725.2/2

Right Out: 1276.234 $\pm$ 0.236 χ^2 /NDF: 0.0/19

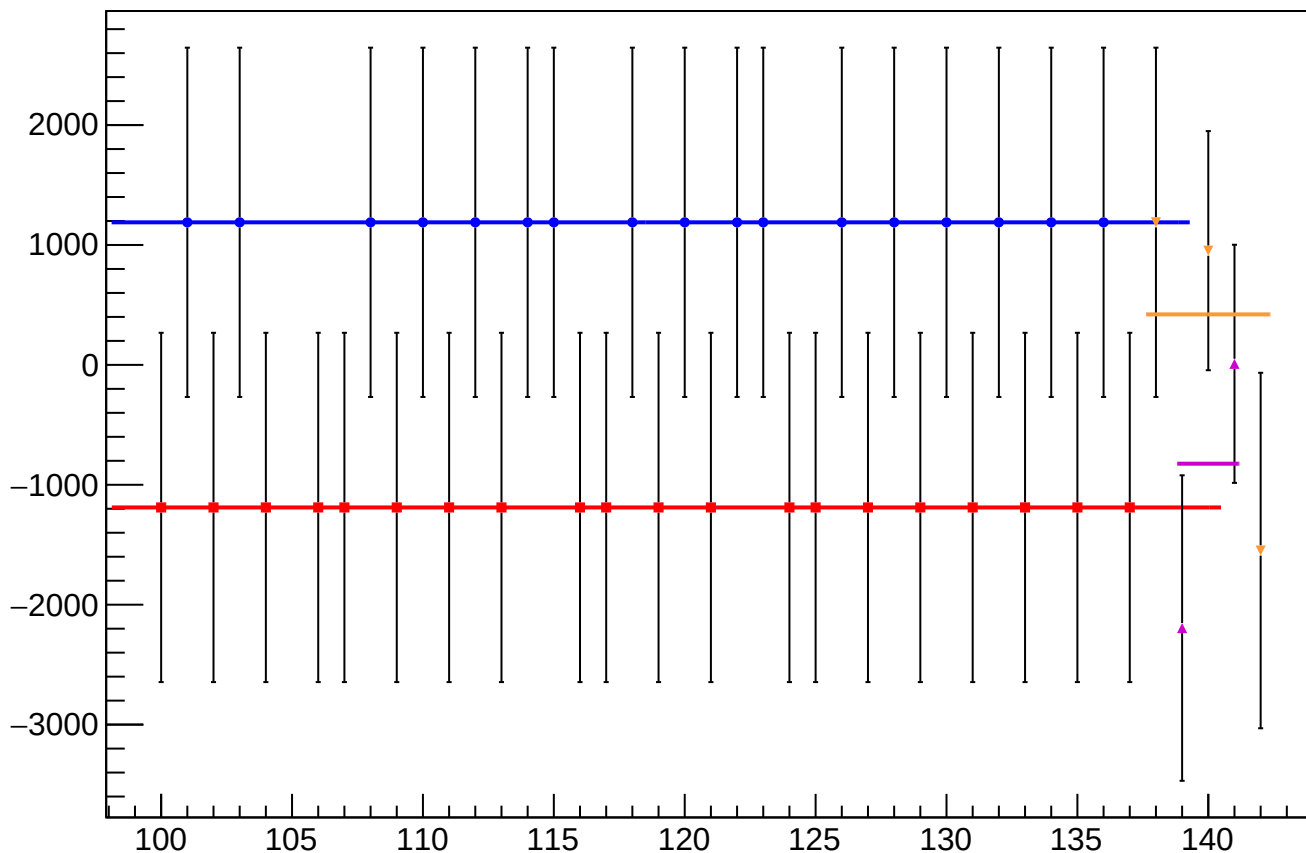
Left In: 1007.773 $\pm$ 0.561 χ^2 /NDF: 37111.7/1

1222.827 $\pm$ 0.229 χ^2 /NDF: 308420.8/19

1229.670 $\pm$ 0.158 χ^2 /NDF: 542021.8/41

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: 421.227 $\pm$ 719.433 χ^2/NDF : 2.3/2

Right Out: -1188.936 $\pm$ 325.702 χ^2/NDF : 0.0/19

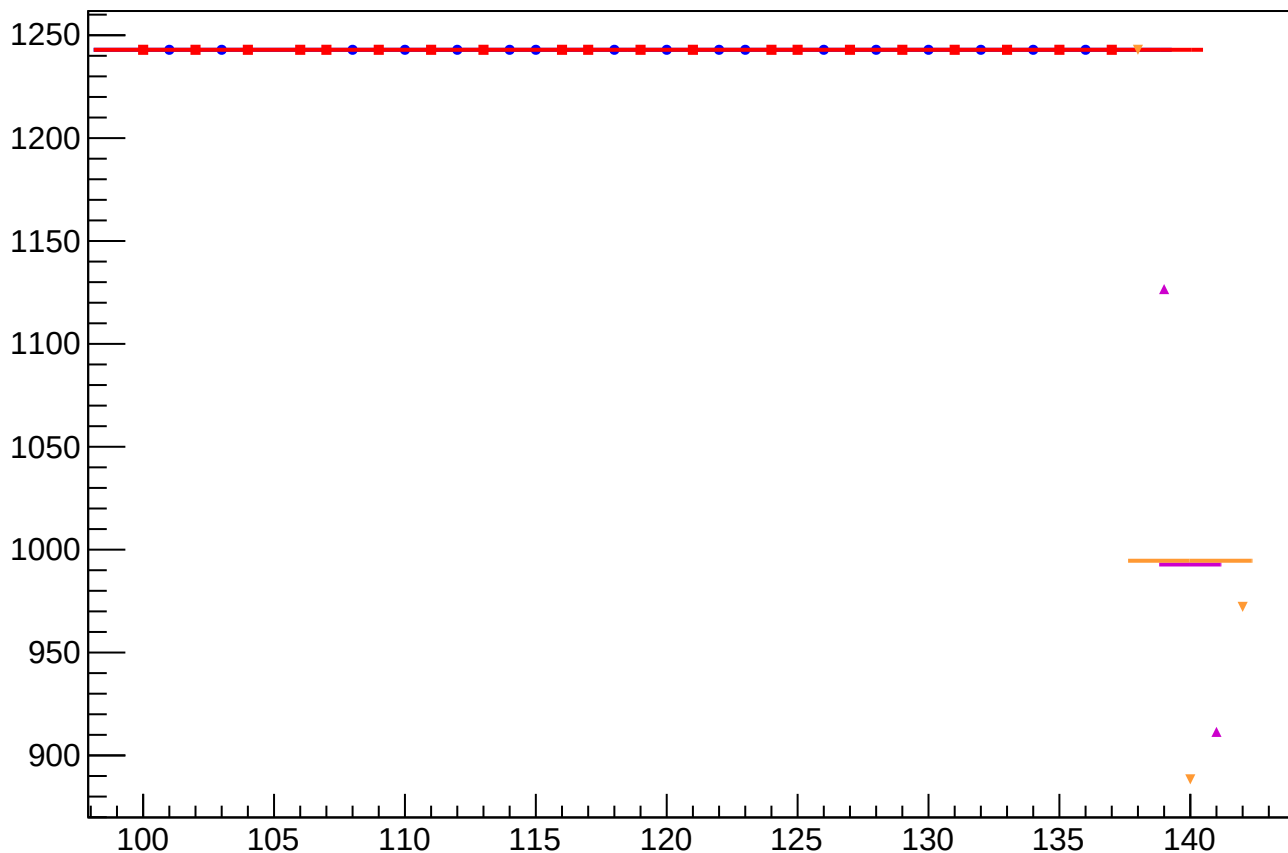
Left In: -824.121 $\pm$ 783.204 χ^2/NDF : 1.9/1

1039.787 $\pm$ 317.105 χ^2/NDF : 3.2/19

-105.270 $\pm$ 218.209 χ^2/NDF : 30.1/41

-1135.148 $\pm$ 300.734 χ^2/NDF : 2.0/21

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1242.923 $\pm$ 0.250 χ^2 /NDF: 0.0/16

Left Out: 994.611 $\pm$ 0.509 χ^2 /NDF:81281.4/2

Right Out: 1242.923 $\pm$ 0.230 χ^2 /NDF: 0.0/19

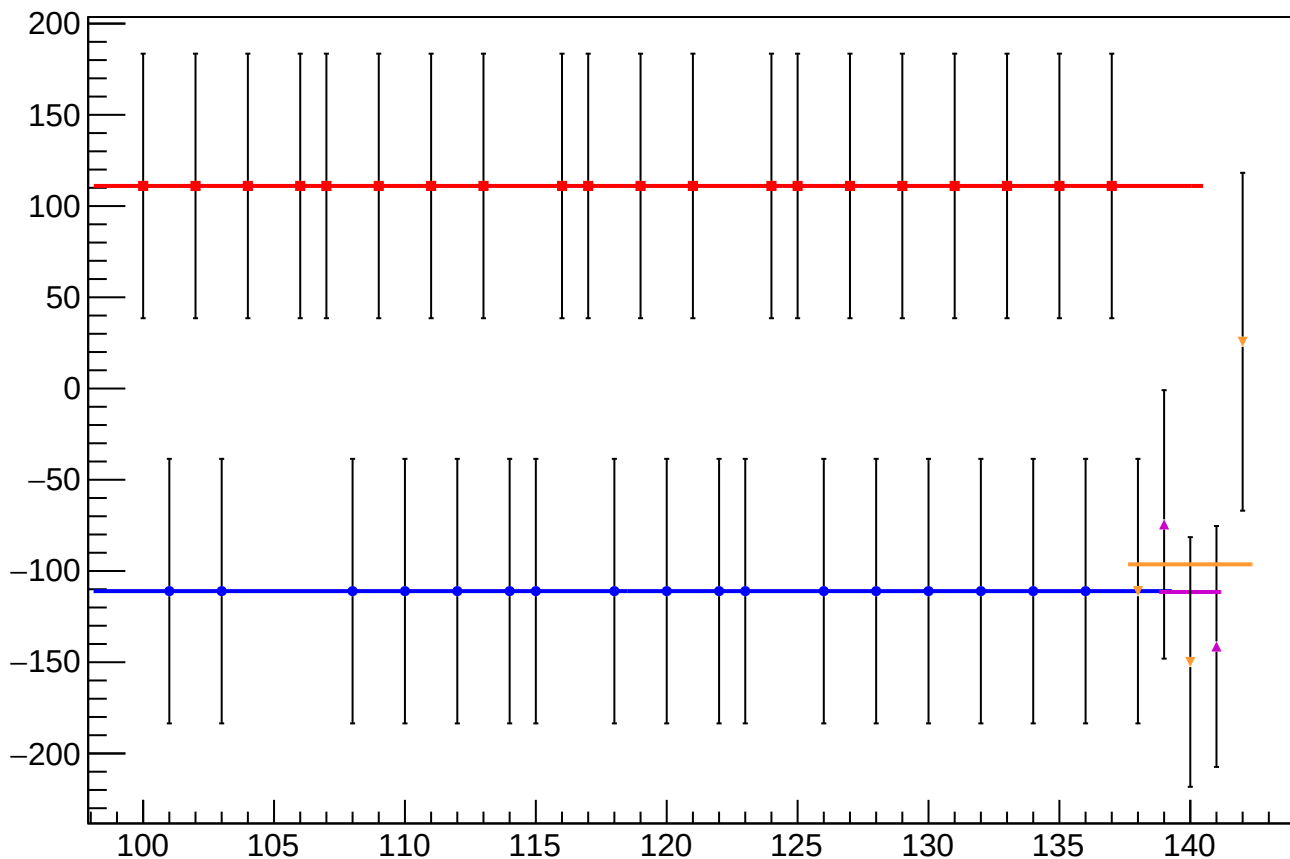
Left In: 992.790 $\pm$ 0.554 χ^2 /NDF:35496.0/1

1194.682 $\pm$ 0.224 χ^2 /NDF: 273249.2/19

1200.663 $\pm$ 0.154 χ^2 /NDF: 484016.0/41

1206.044 $\pm$ 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: -96.346 ± 43.825 χ^2/NDF : 2.4/2

Right Out: 111.027 ± 16.209 χ^2/NDF : 0.0/19

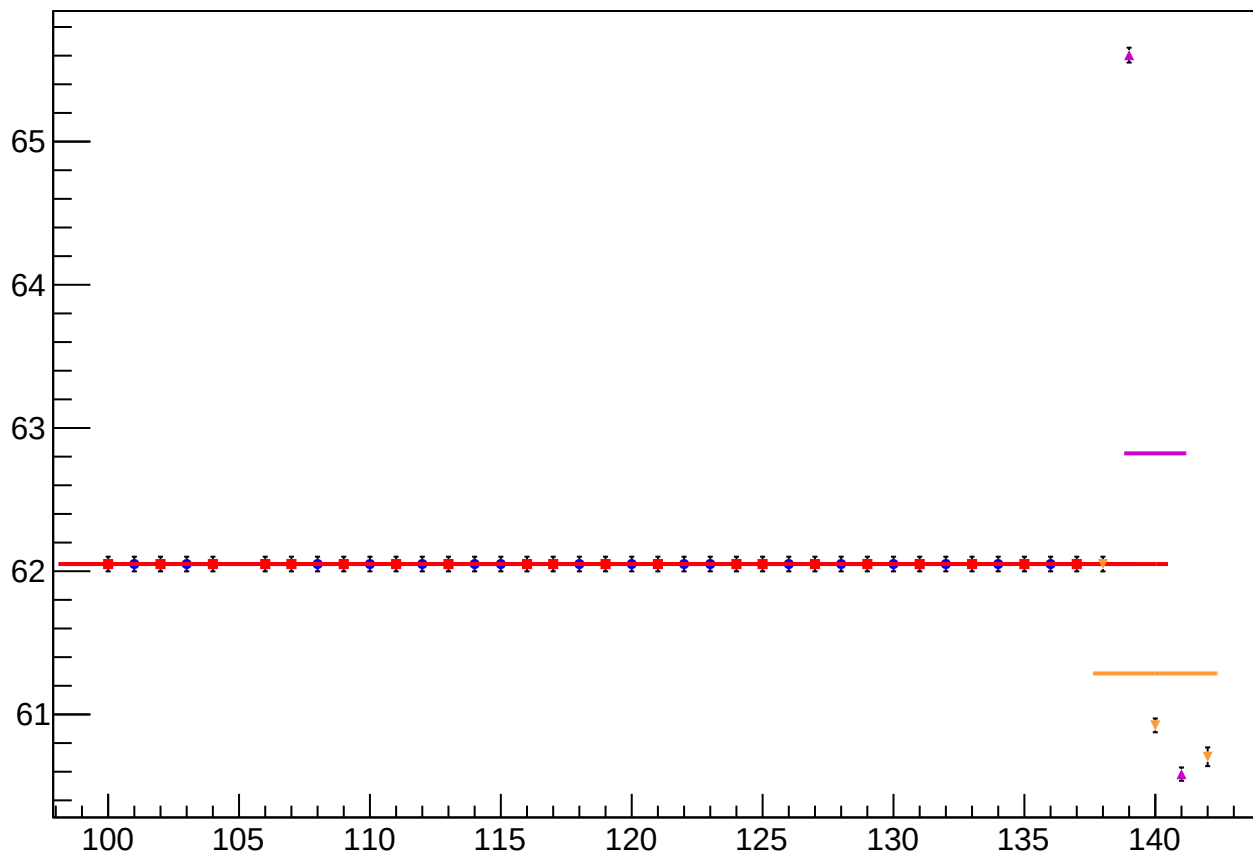
Left In: -111.514 ± 49.139 χ^2/NDF : 0.5/1

-108.992 ± 16.317 χ^2/NDF : 2.5/19

-4.133 ± 11.197 χ^2/NDF : 99.5/41

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: 61.286 $\pm$ 0.031 χ^2 /NDF: 357.3/2

Right Out: 62.050 $\pm$ 0.011 χ^2 /NDF: 0.0/19

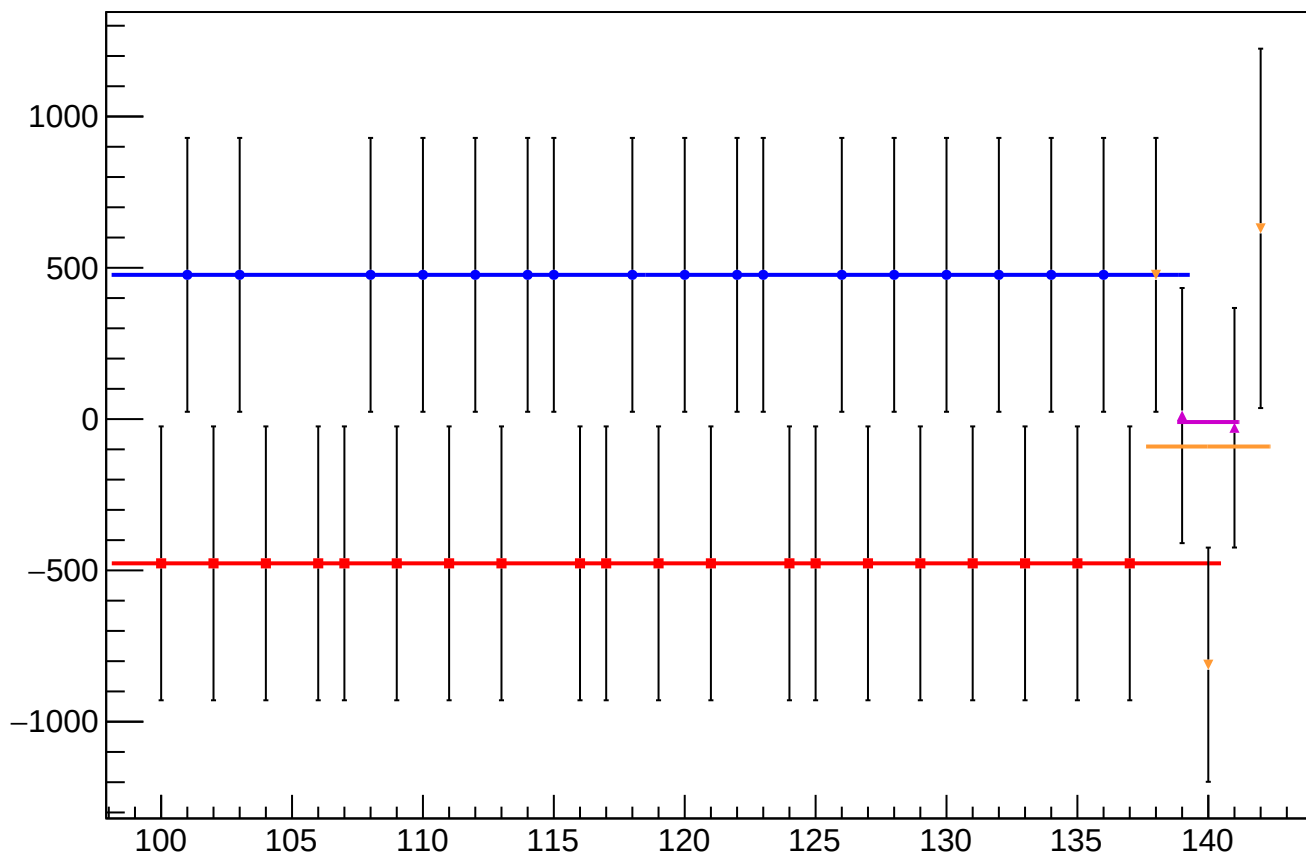
Left In: 62.823 $\pm$ 0.035 χ^2 /NDF: 5158.7/1

61.944 $\pm$ 0.012 χ^2 /NDF: 880.8/19

62.040 $\pm$ 0.008 χ^2 /NDF: 6616.9/41

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: -90.630 $\pm$ 263.563 χ^2 /NDF:6.5/2

Right Out: -476.700 $\pm$ 101.193 χ^2 /NDF: 0.0/19

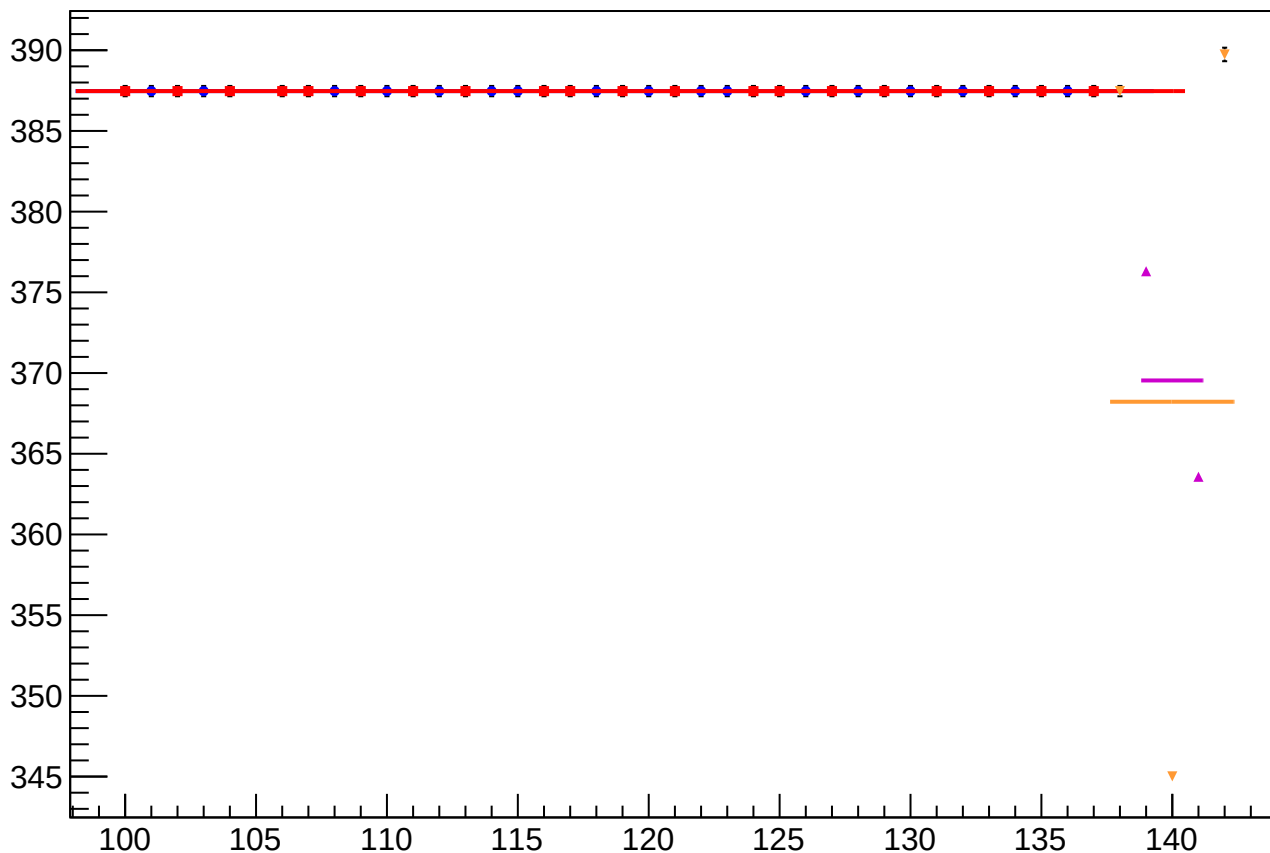
Left In: -9.709 $\pm$ 288.585 χ^2 /NDF:0.0/1

392.852 $\pm$ 101.324 χ^2 /NDF: 10.5/19

-40.587 $\pm$ 69.494 χ^2 /NDF: 47.4/41

-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 $\pm$ 0.078 χ^2 /NDF: 0.0/16

Left Out: 368.222 $\pm$ 0.186 χ^2 /NDF:13437.1/2

Right Out: 387.468 $\pm$ 0.072 χ^2 /NDF: 0.0/19

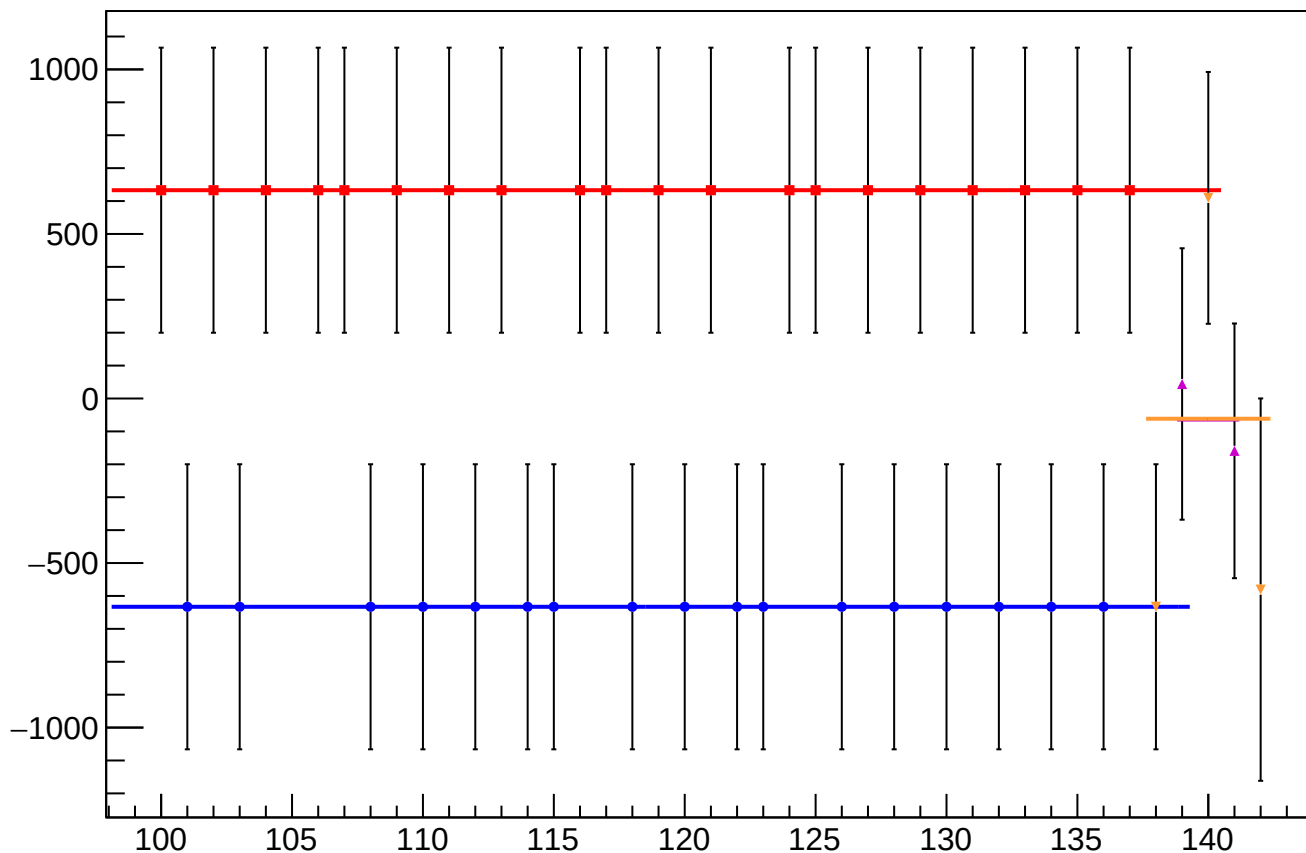
Left In: 369.541 $\pm$ 0.204 χ^2 /NDF:969.4/1

384.623 $\pm$ 0.072 χ^2 /NDF: 22525.1/19

385.090 $\pm$ 0.049 χ^2 /NDF: 30447.2/41

385.505 $\pm$ 0.068 χ^2 /NDF: 7842.0/21

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: -632.956+/-105.052 χ^2/NDF : 0.0/16

Left Out: -61.517+/-257.144 χ^2/NDF : 5.6/2

Right Out: 632.956+/-96.854 χ^2/NDF : 0.0/19

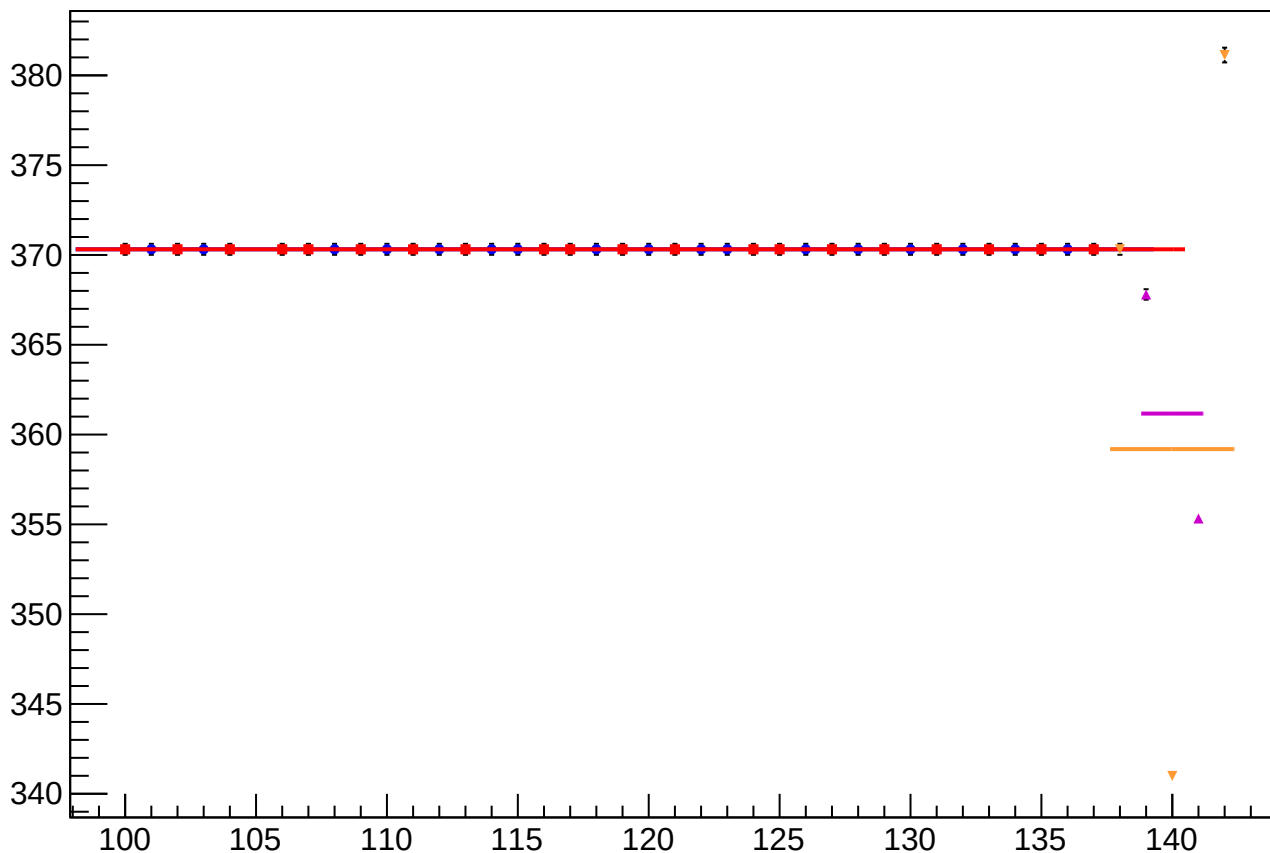
Left In: -63.929+/-282.225 χ^2/NDF : 0.1/1

-551.224+/-97.250 χ^2/NDF : 9.8/19

37.299+/-66.682 χ^2/NDF : 84.6/41

559.530+/-91.609 χ^2/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: 359.191+/-0.182 χ^2/NDF :8695.9/2

Right Out: 370.315+/-0.068 χ^2/NDF : 0.0/19

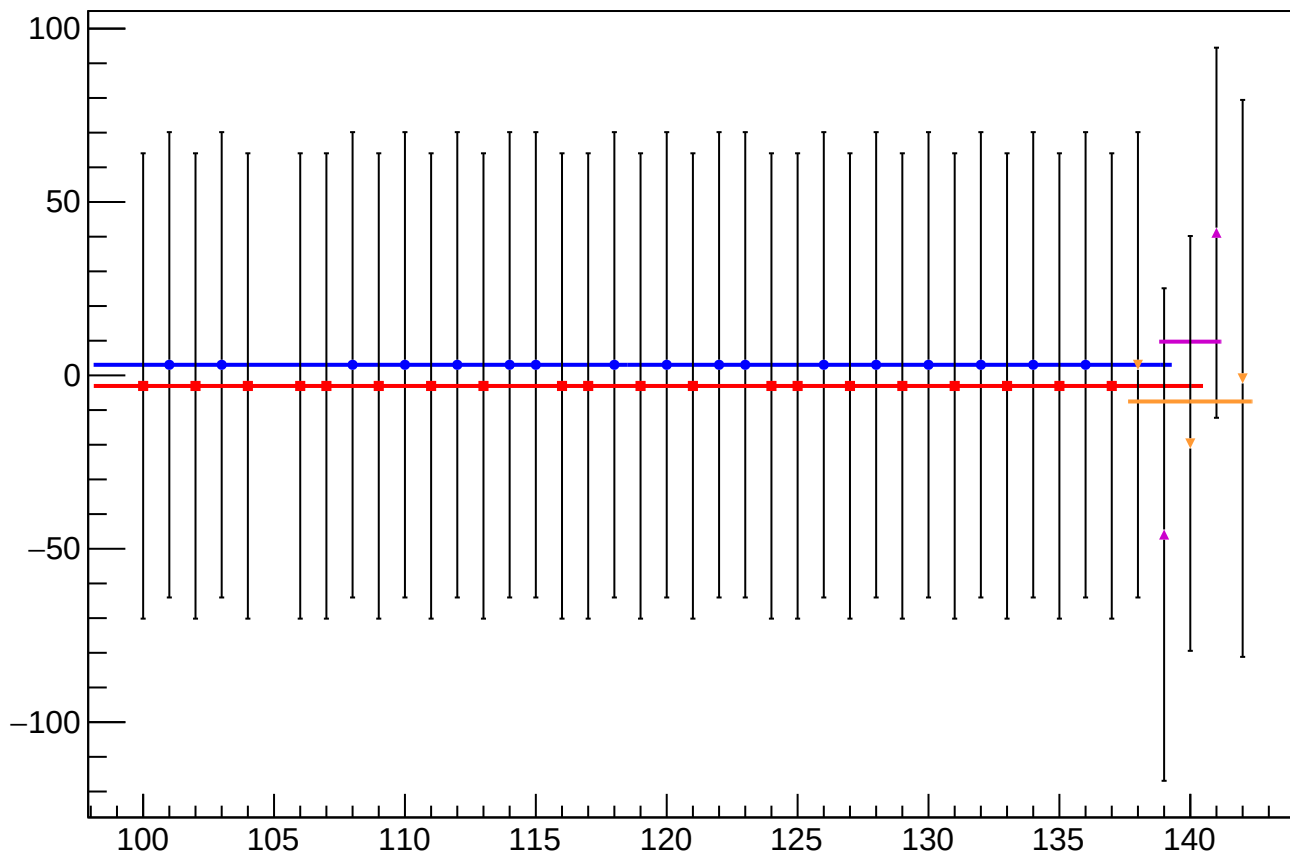
Left In: 361.169+/-0.200 χ^2/NDF :972.7/1

368.724+/-0.069 χ^2/NDF : 11903.6/19

369.057+/-0.047 χ^2/NDF : 14799.8/41

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: -7.525 ± 39.022 $\chi^2/\text{NDF}: 0.1/2$

Right Out: -3.051 ± 15.003 $\chi^2/\text{NDF}: 0.0/19$

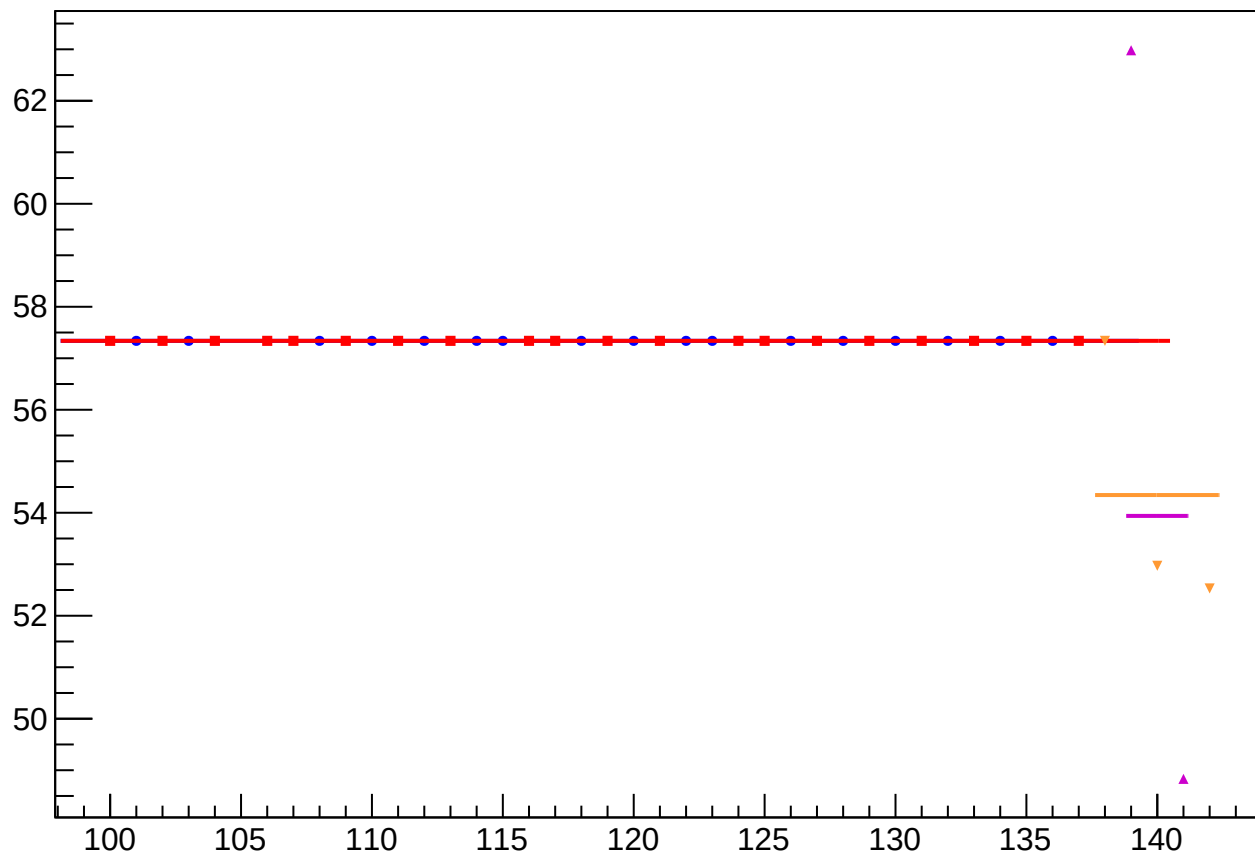
Left In: 9.728 ± 42.663 $\chi^2/\text{NDF}: 1.0/1$

1.484 ± 15.019 $\chi^2/\text{NDF}: 0.1/19$

-0.173 ± 10.301 $\chi^2/\text{NDF}: 1.2/41$

-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: 54.344 $\pm$ 0.028 χ^2 /NDF: 6058.6/2

Right Out: 57.338 $\pm$ 0.011 χ^2 /NDF: 0.0/19

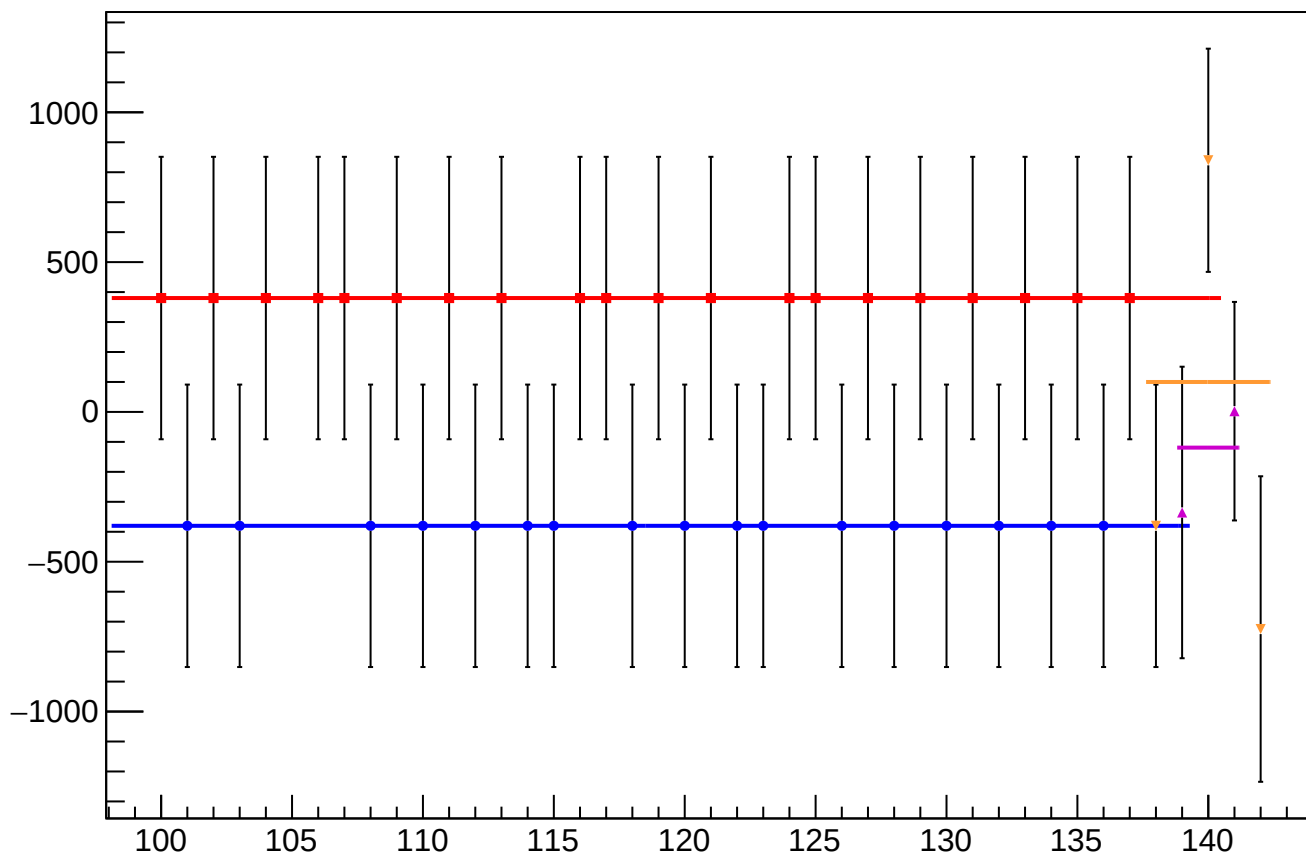
Left In: 53.939 $\pm$ 0.030 χ^2 /NDF: 50740.9/1

56.895 $\pm$ 0.011 χ^2 /NDF: 16091.8/19

56.931 $\pm$ 0.007 χ^2 /NDF: 78156.6/41

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+/-114.319 χ^2/NDF : 0.0/16

Left Out: 99.945+/-253.550 χ^2/NDF : 7.6/2

Right Out: 380.097+/-105.397 χ^2/NDF : 0.0/19

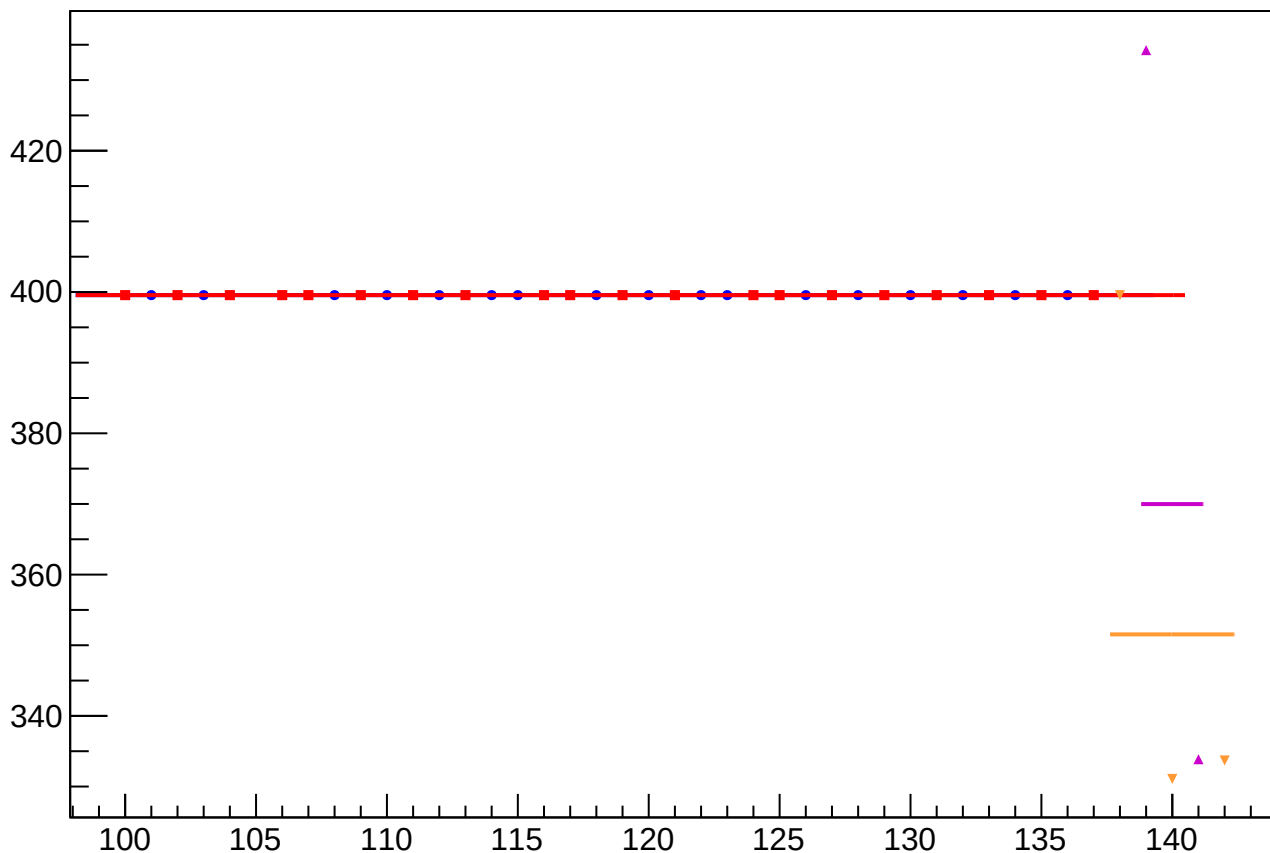
Left In: -119.152+/-291.799 χ^2/NDF : 0.3/1

-298.997+/-104.216 χ^2/NDF : 10.6/19

27.279+/-71.826 χ^2/NDF : 32.1/41

322.480+/-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: 351.539 $\pm$ 0.179 χ^2 /NDF:29245.4/2

Right Out: 399.559 $\pm$ 0.075 χ^2 /NDF: 0.0/19

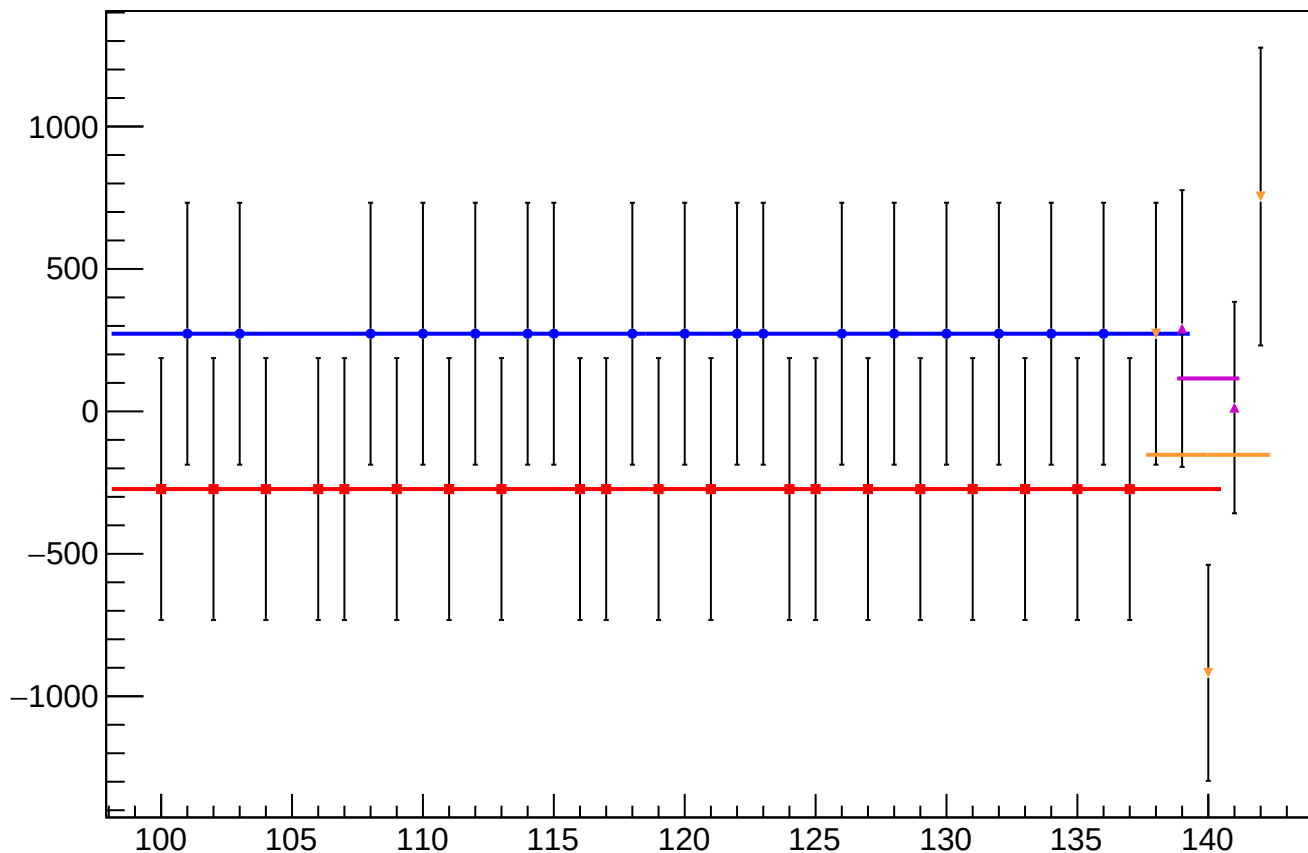
Left In: 369.984 $\pm$ 0.206 χ^2 /NDF:54506.8/1

391.446 $\pm$ 0.074 χ^2 /NDF: 88865.0/19

393.914 $\pm$ 0.051 χ^2 /NDF: 163681.7/41

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 $\pm$ 111.494 χ^2 /NDF: 0.0/16

Left Out: -152.523 $\pm$ 255.187 χ^2 /NDF: 7.9/2

Right Out: -272.633 $\pm$ 102.792 χ^2 /NDF: 0.0/19

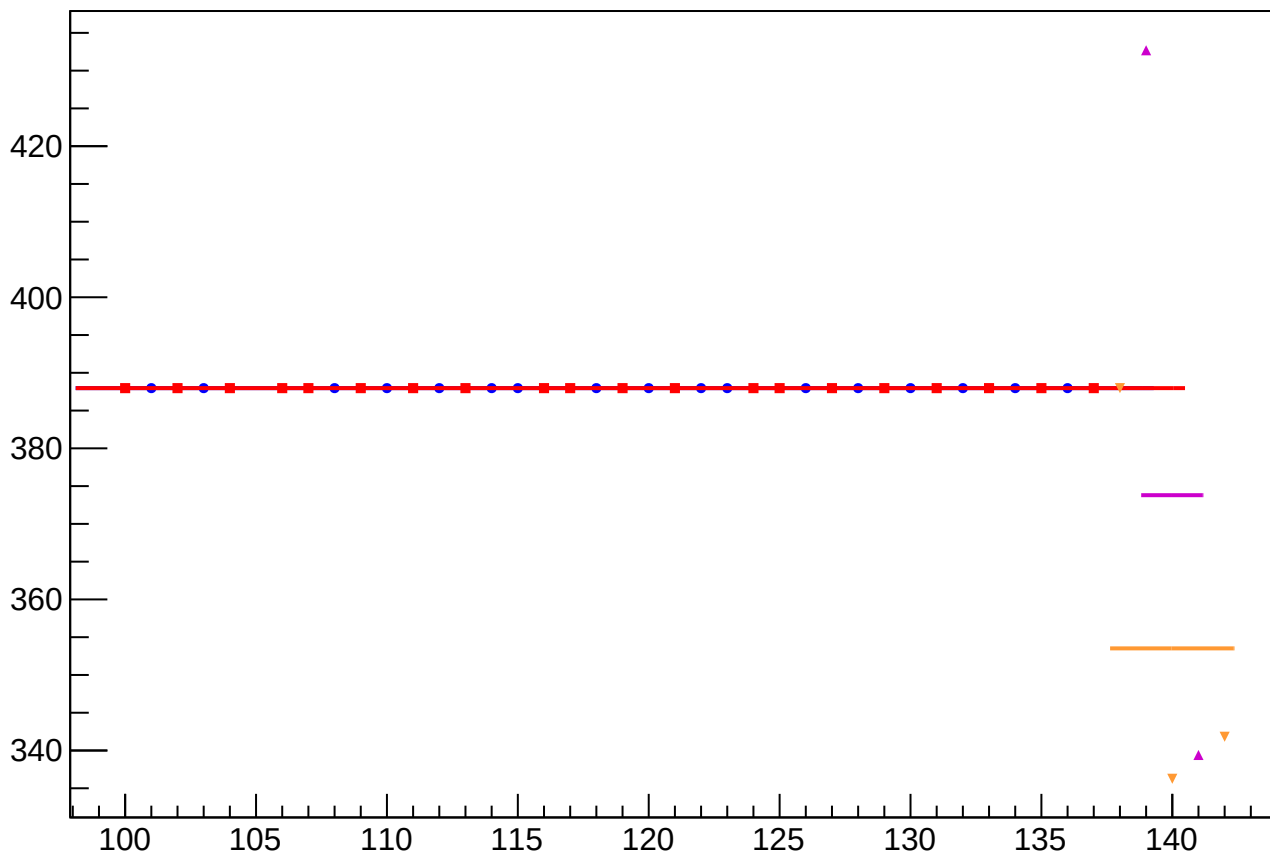
Left In: 115.598 $\pm$ 294.894 χ^2 /NDF: 0.2/1

204.483 $\pm$ 102.168 χ^2 /NDF: 10.3/19

-24.181 $\pm$ 70.370 χ^2 /NDF: 21.6/41

-230.572 $\pm$ 97.064 χ^2 /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: 353.519 $\pm$ 0.180 χ^2 /NDF:16384.8/2

Right Out: 387.970 $\pm$ 0.073 χ^2 /NDF: 0.0/19

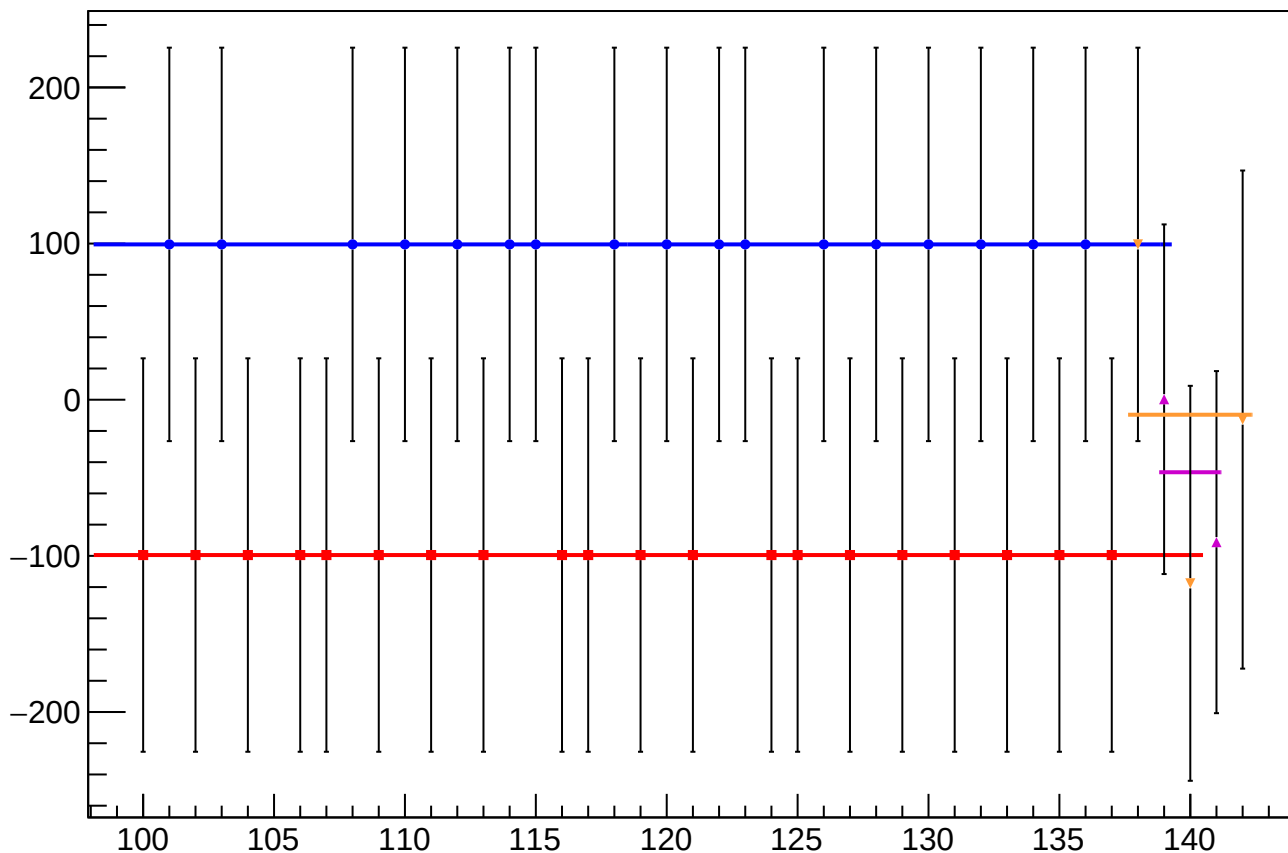
Left In: 373.798 $\pm$ 0.209 χ^2 /NDF:46582.7/1

382.448 $\pm$ 0.072 χ^2 /NDF: 46994.6/19

384.543 $\pm$ 0.050 χ^2 /NDF: 99296.8/41

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 +/- 30.557 χ^2/NDF : 0.0/16

Left Out: -9.608 +/- 77.892 χ^2/NDF : 1.5/2

Right Out: -99.476 +/- 28.172 χ^2/NDF : 0.0/19

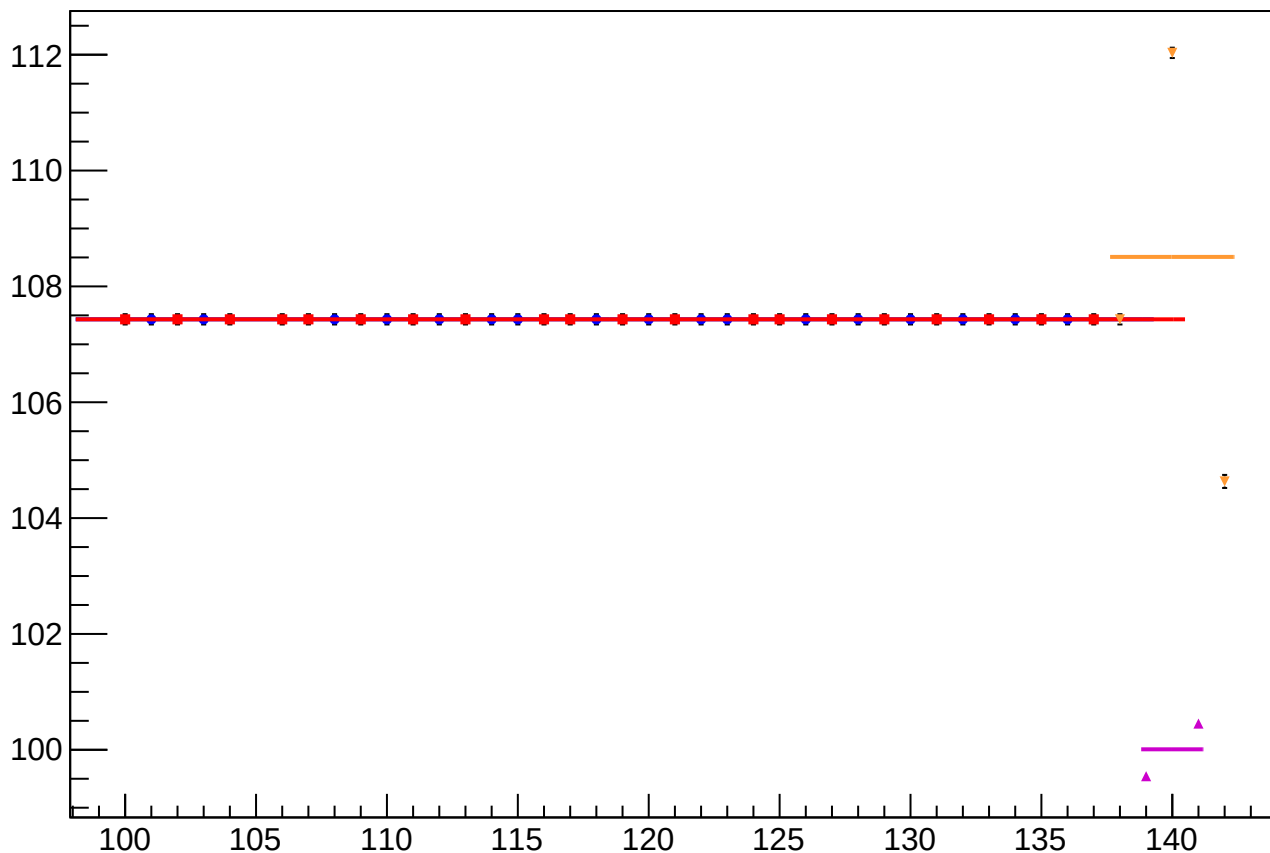
Left In: -46.443 +/- 78.301 χ^2/NDF : 0.3/1

84.927 +/- 28.446 χ^2/NDF : 3.2/19

-10.515 +/- 19.393 χ^2/NDF : 25.0/41

-93.398 +/- 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: 108.509 $\pm$ 0.055 χ^2 /NDF: 2879.2/2

Right Out: 107.432 $\pm$ 0.020 χ^2 /NDF: 0.0/19

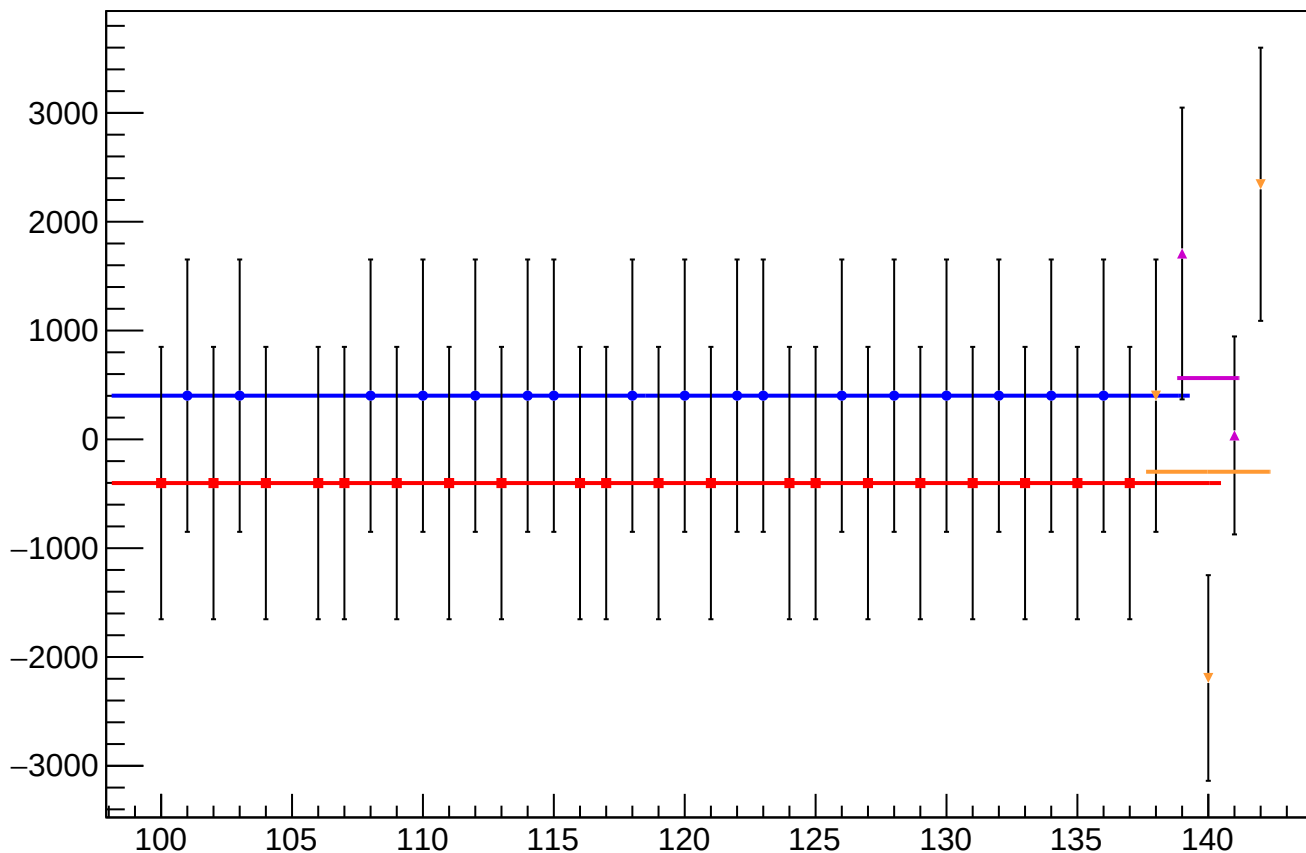
Left In: 100.008 $\pm$ 0.055 χ^2 /NDF: 67.3/1

107.575 $\pm$ 0.020 χ^2 /NDF: 3210.9/19

107.043 $\pm$ 0.014 χ^2 /NDF: 20503.2/41

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 $\pm$ 303.529 χ^2 /NDF: 0.0/16

Left Out: -297.554 $\pm$ 646.397 χ^2 /NDF:8.8/2

Right Out: -401.519 $\pm$ 279.840 χ^2 /NDF: 0.0/19

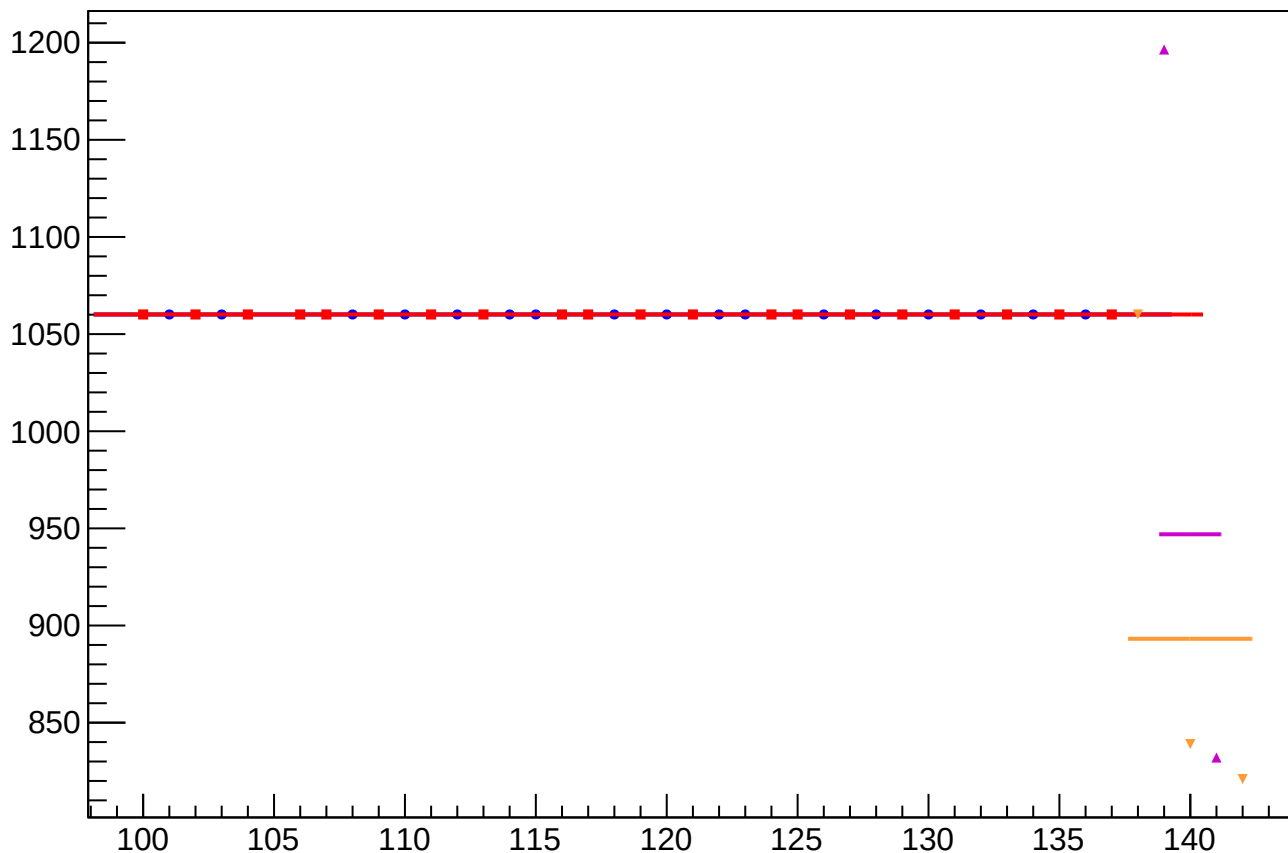
Left In: 563.300 $\pm$ 752.740 χ^2 /NDF:1.1/1

275.224 $\pm$ 274.746 χ^2 /NDF: 9.7/19

-17.532 $\pm$ 189.722 χ^2 /NDF: 14.4/41

-284.366 $\pm$ 262.300 χ^2 /NDF: 2.5/21

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1060.103+/-0.215 χ^2/NDF : 0.0/16

Left Out: 893.182+/-0.457 χ^2/NDF : 48787.7/2

Right Out: 1060.103+/-0.198 χ^2/NDF : 0.0/19

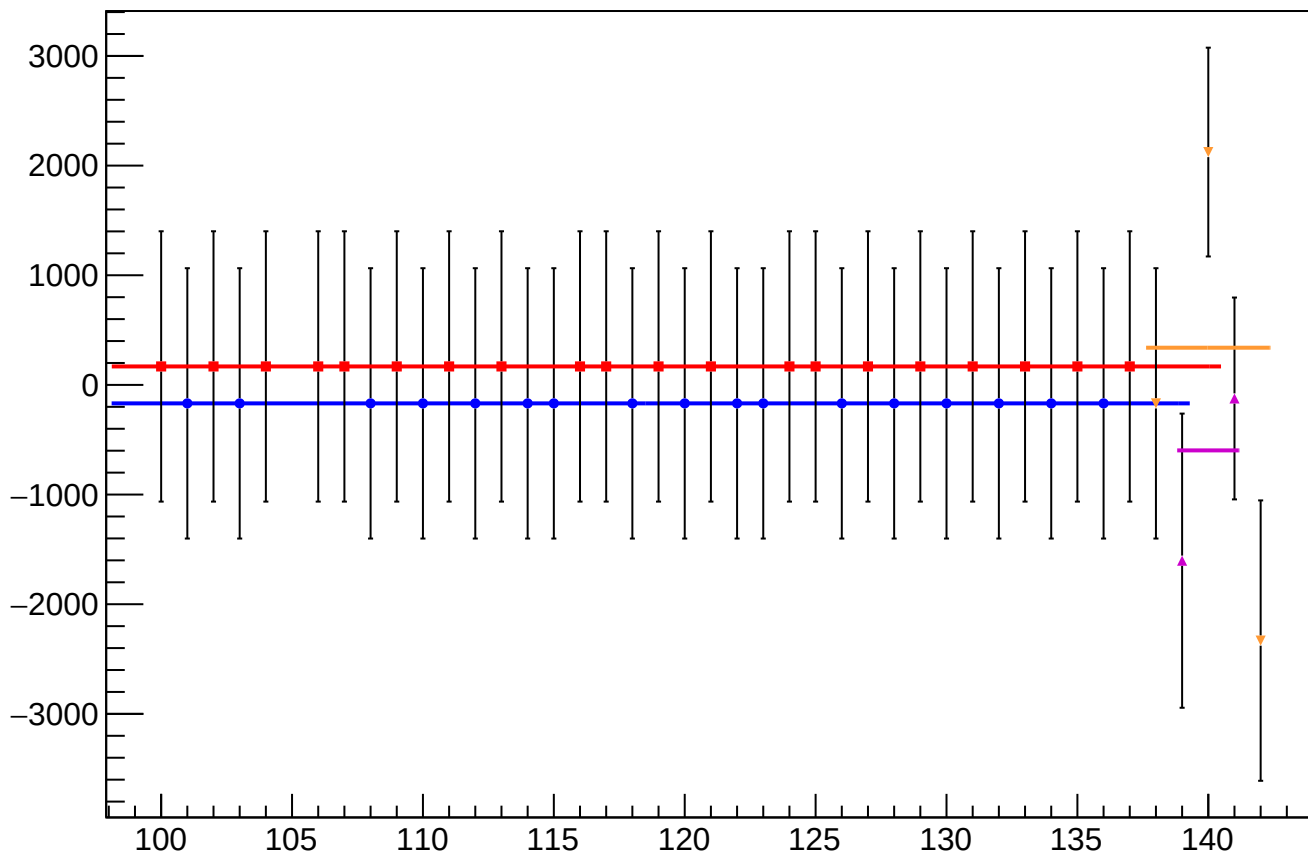
Left In: 946.952+/-0.532 χ^2/NDF : 101203.2/1

1029.947+/-0.194 χ^2/NDF : 158061.8/19

1038.536+/-0.134 χ^2/NDF : 302705.3/41

1046.364+/-0.185 χ^2/NDF : 140907.8/21

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: -168.416 $\pm$ 298.974 χ^2 /NDF: 0.0/16

Left Out: 339.262 $\pm$ 649.158 χ^2 /NDF: 8.0/2

Right Out: 168.416 $\pm$ 275.640 χ^2 /NDF: 0.0/19

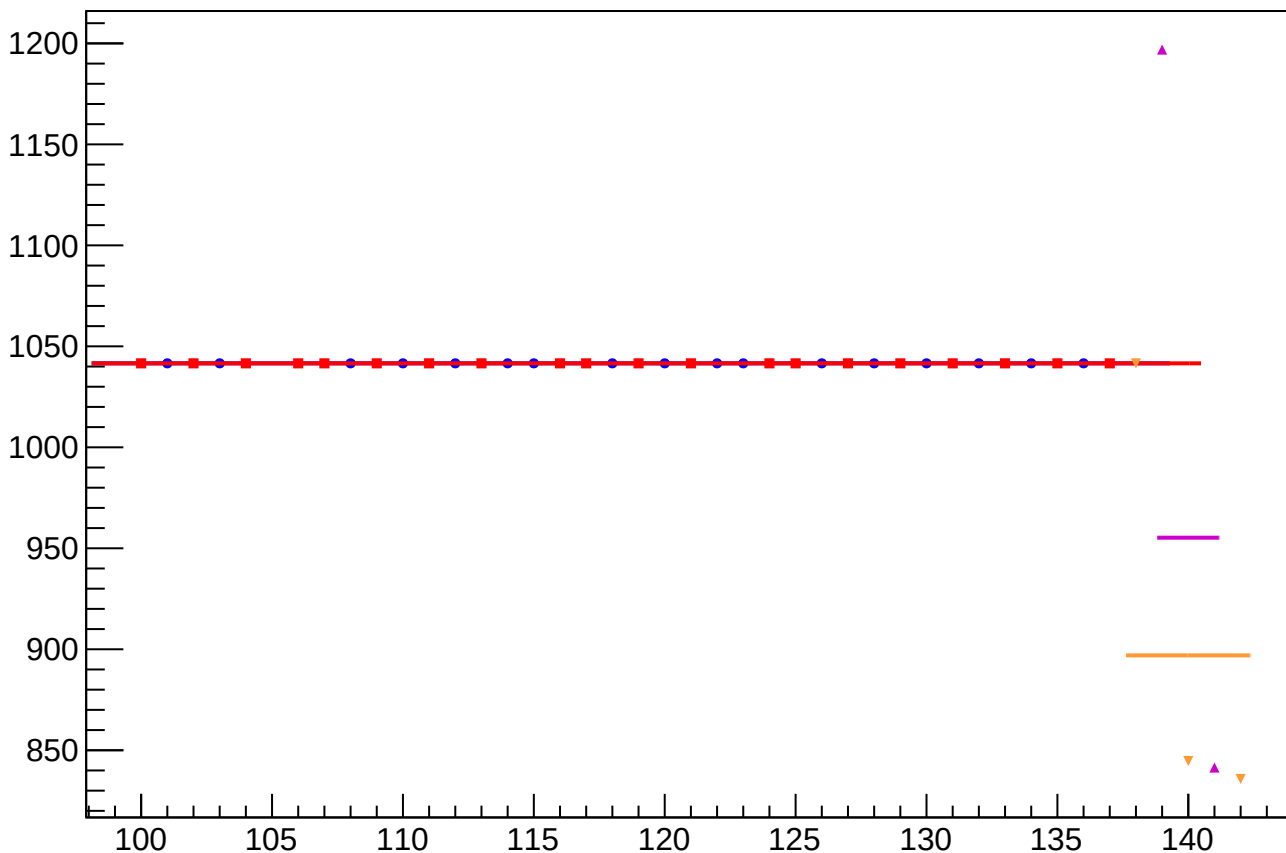
Left In: -597.234 $\pm$ 758.937 χ^2 /NDF: 0.8/1

-79.576 $\pm$ 271.557 χ^2 /NDF: 8.6/19

3.538 $\pm$ 187.454 χ^2 /NDF: 10.5/41

79.190 $\pm$ 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: 896.977 $\pm$ 0.459 χ^2 /NDF:38144.2/2

Right Out: 1041.580 $\pm$ 0.195 χ^2 /NDF: 0.0/19

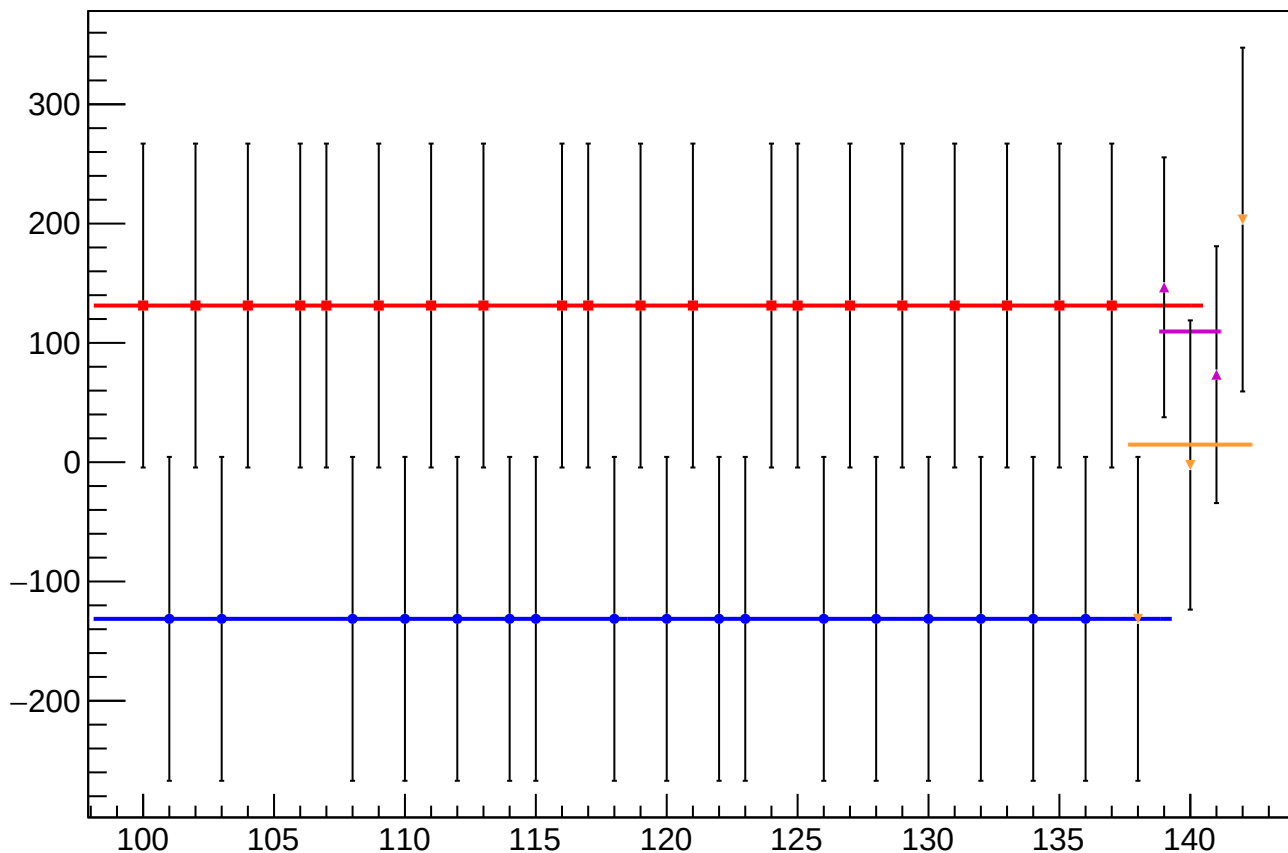
Left In: 955.249 $\pm$ 0.537 χ^2 /NDF:95501.9/1

1016.275 $\pm$ 0.192 χ^2 /NDF: 120016.5/19

1024.255 $\pm$ 0.133 χ^2 /NDF: 241681.0/41

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 ± 32.926 χ^2/NDF : 0.0/16

Left Out: 14.732 ± 76.590 χ^2/NDF : 2.9/2

Right Out: 131.308 ± 30.356 χ^2/NDF : 0.0/19

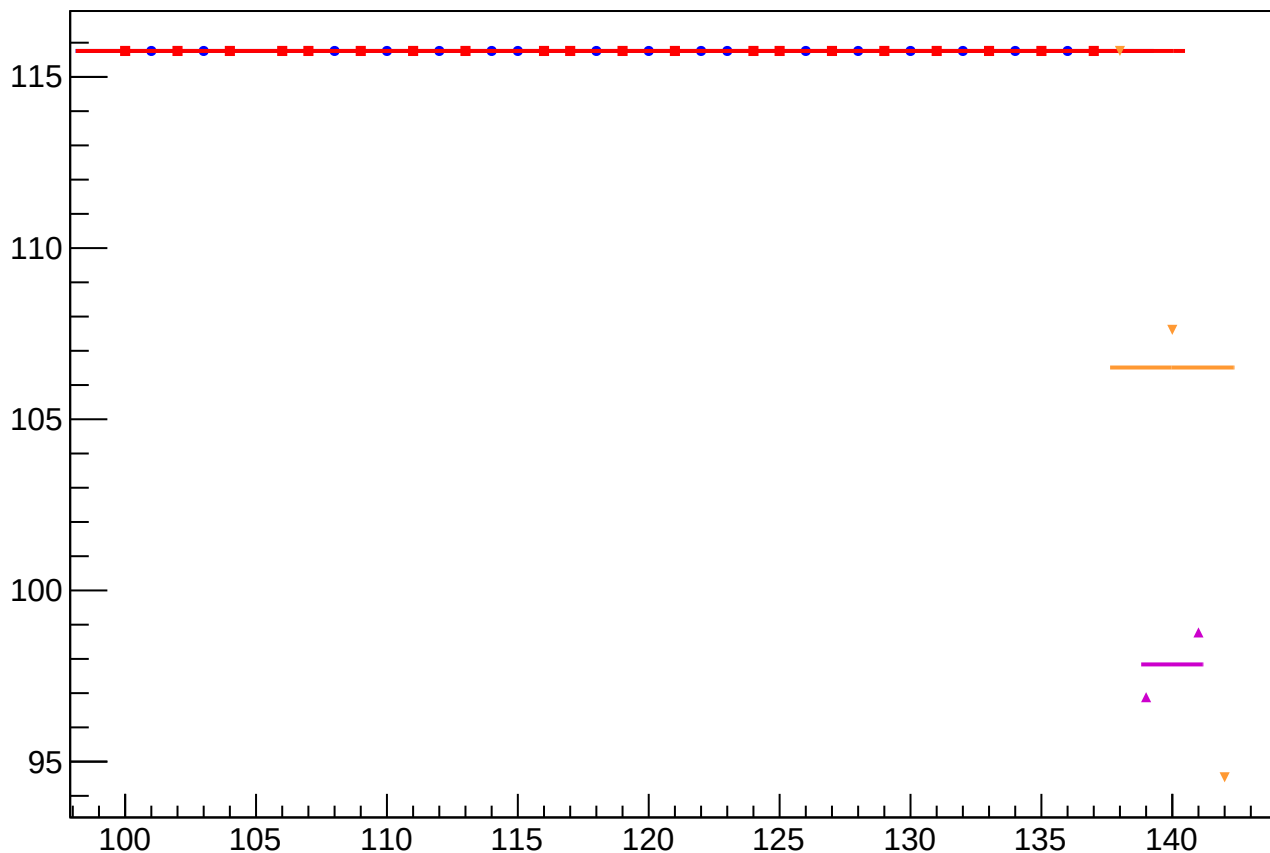
Left In: 109.551 ± 76.570 χ^2/NDF : 0.2/1

-108.529 ± 30.249 χ^2/NDF : 6.0/19

18.126 ± 20.634 χ^2/NDF : 39.0/41

128.353 ± 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: 106.512 $\pm$ 0.054 χ^2 /NDF:23246.8/2

Right Out: 115.759 $\pm$ 0.021 χ^2 /NDF: 0.0/19

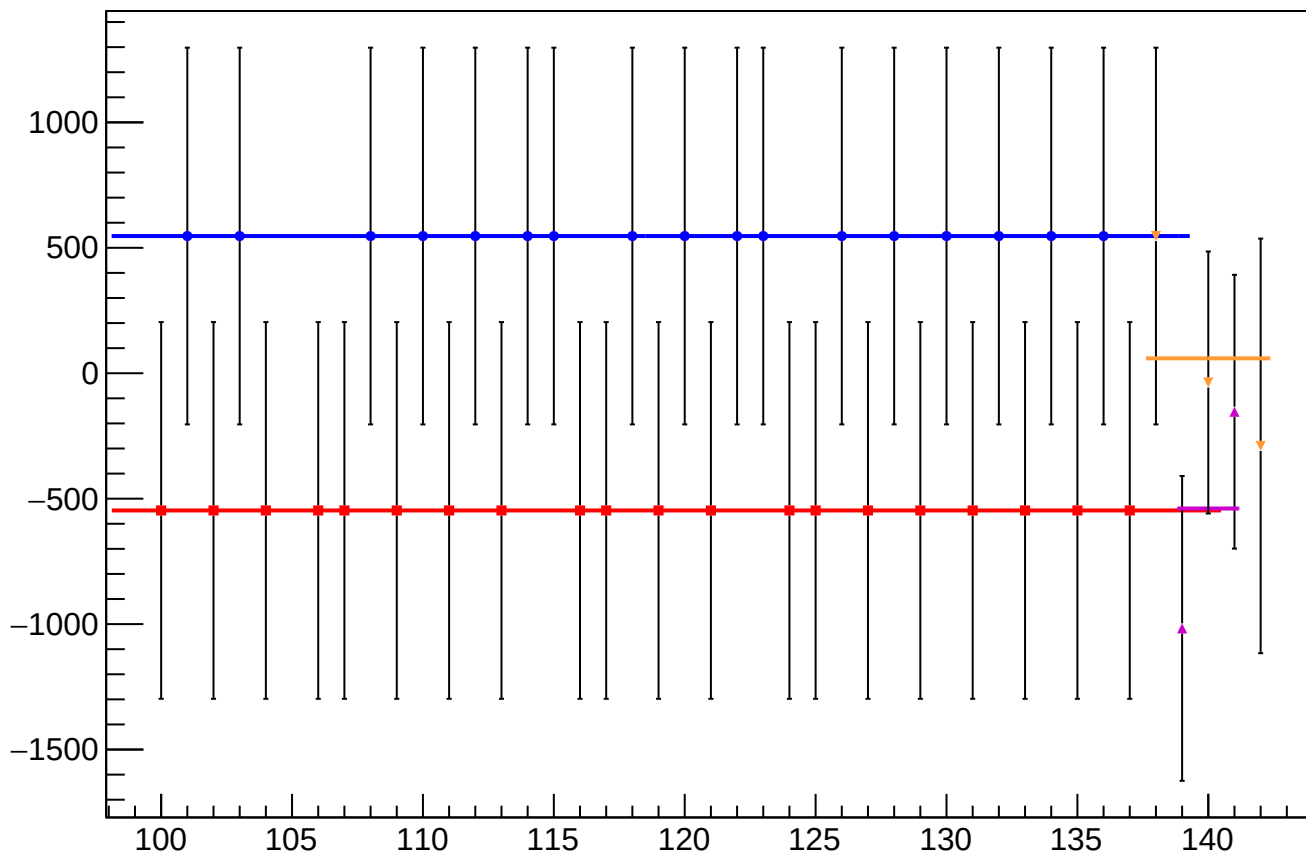
Left In: 97.839 $\pm$ 0.054 χ^2 /NDF:305.2/1

114.316 $\pm$ 0.021 χ^2 /NDF: 47850.7/19

113.786 $\pm$ 0.015 χ^2 /NDF: 143965.8/41

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: 59.448 $\pm$ 380.584 χ^2 /NDF: 0.6/2

Right Out: -546.906 $\pm$ 167.910 χ^2 /NDF: 0.0/19

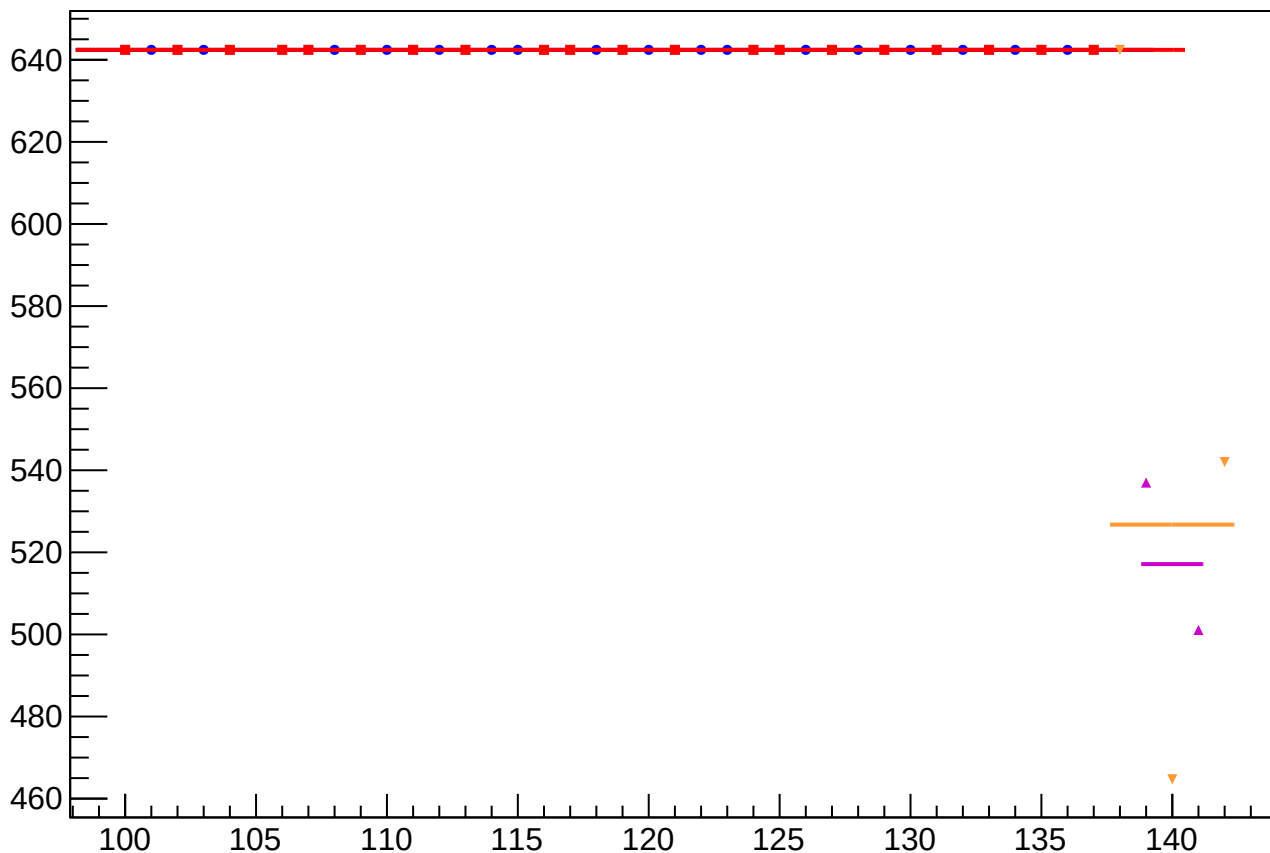
Left In: -539.171 $\pm$ 405.969 χ^2 /NDF: 1.1/1

456.078 $\pm$ 164.283 χ^2 /NDF: 2.0/19

-73.430 $\pm$ 112.803 χ^2 /NDF: 22.7/41

-545.777 $\pm$ 155.162 χ^2 /NDF: 1.1/21

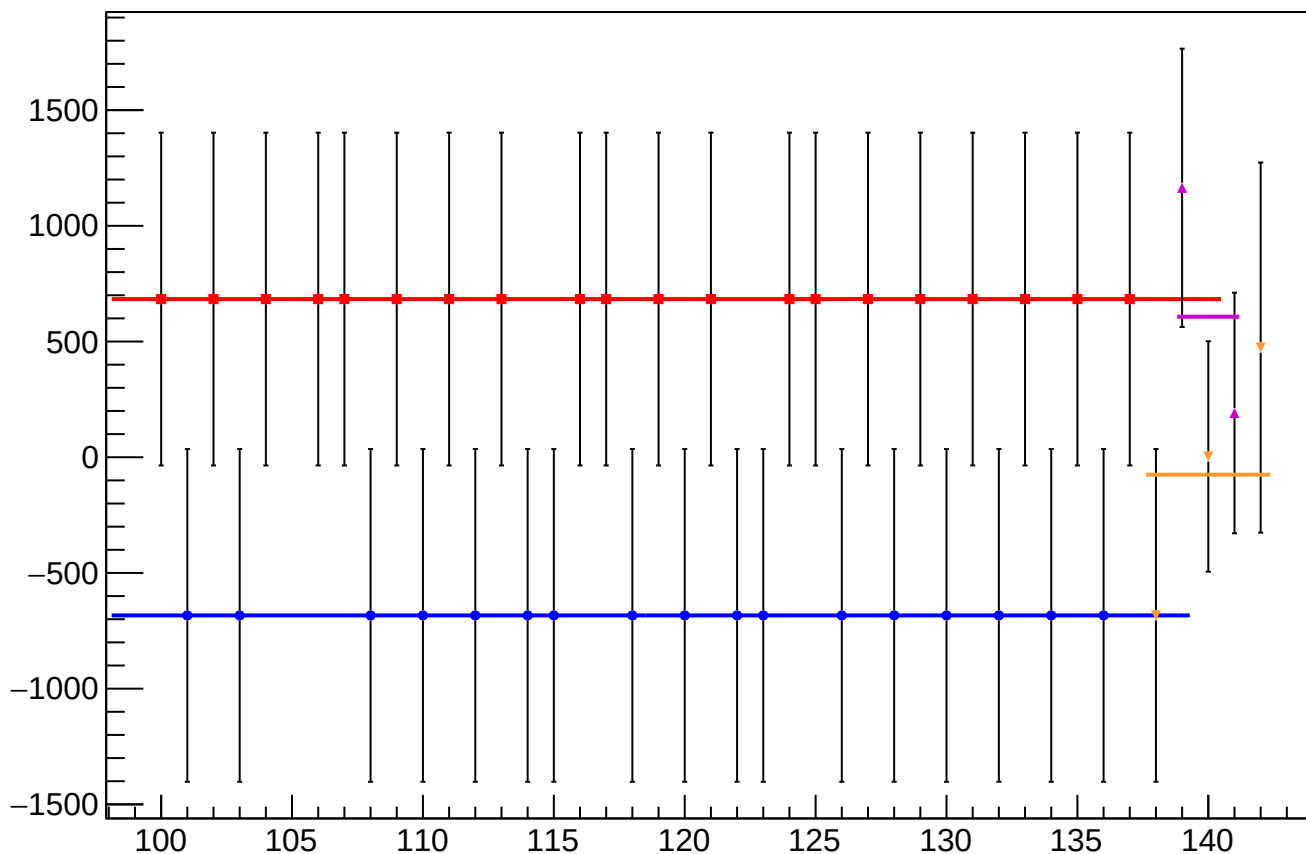
asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 642.426 $\pm$ 0.129 χ^2 /NDF: 0.0/16
 Left Out: 526.755 $\pm$ 0.269 χ^2 /NDF:76361.0/2
 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

620.873 $\pm$ 0.116 χ^2 /NDF: 226683.1/19
 622.591 $\pm$ 0.080 χ^2 /NDF: 393630.2/41
 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: -75.385 $\pm$ 364.343 χ^2 /NDF: 1.2/2

Right Out: 683.475 $\pm$ 160.778 χ^2 /NDF: 0.0/19

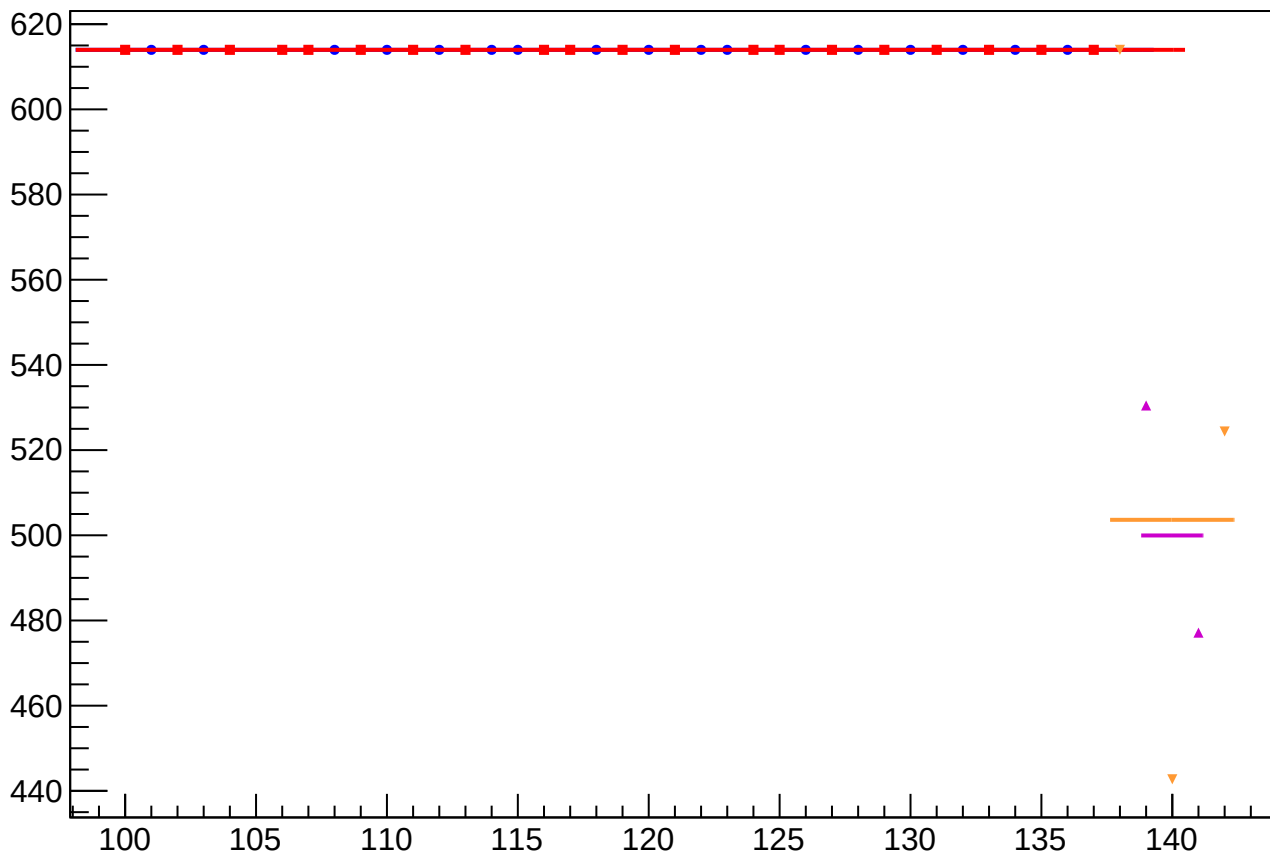
Left In: 607.320 $\pm$ 393.272 χ^2 /NDF: 1.5/1

-570.131 $\pm$ 157.299 χ^2 /NDF: 3.5/19

85.605 $\pm$ 108.106 χ^2 /NDF: 37.9/41

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: 503.633 $\pm$ 0.258 χ^2 /NDF: 78398.4/2

Right Out: 613.974 $\pm$ 0.114 χ^2 /NDF: 0.0/19

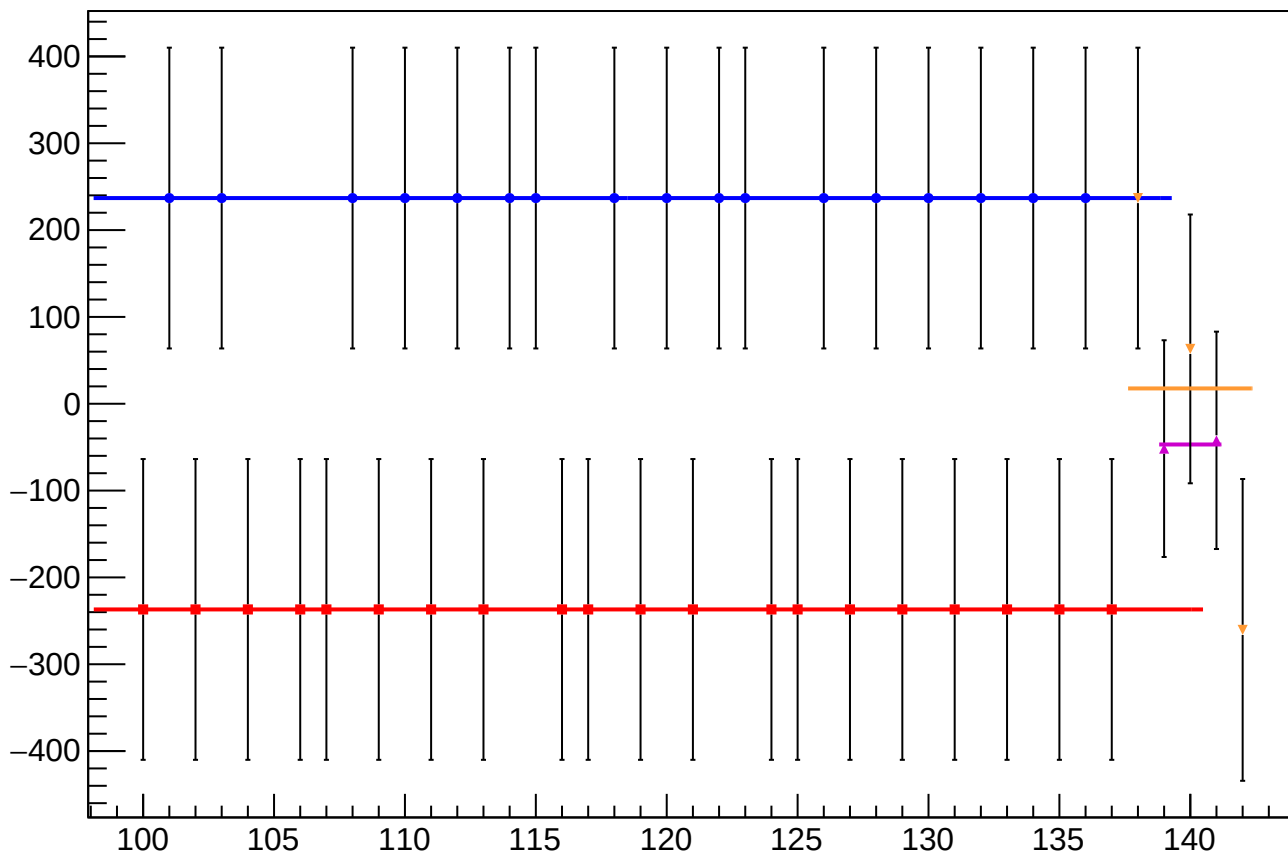
Left In: 499.960 $\pm$ 0.278 χ^2 /NDF: 9002.2/1

593.407 $\pm$ 0.111 χ^2 /NDF: 227644.3/19

595.644 $\pm$ 0.076 χ^2 /NDF: 381439.8/41

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 $\pm$ 42.009 χ^2 /NDF: 0.0/16

Left Out: 17.638 $\pm$ 96.143 χ^2 /NDF:4.2/2

Right Out: -236.881 $\pm$ 38.730 χ^2 /NDF: 0.0/19

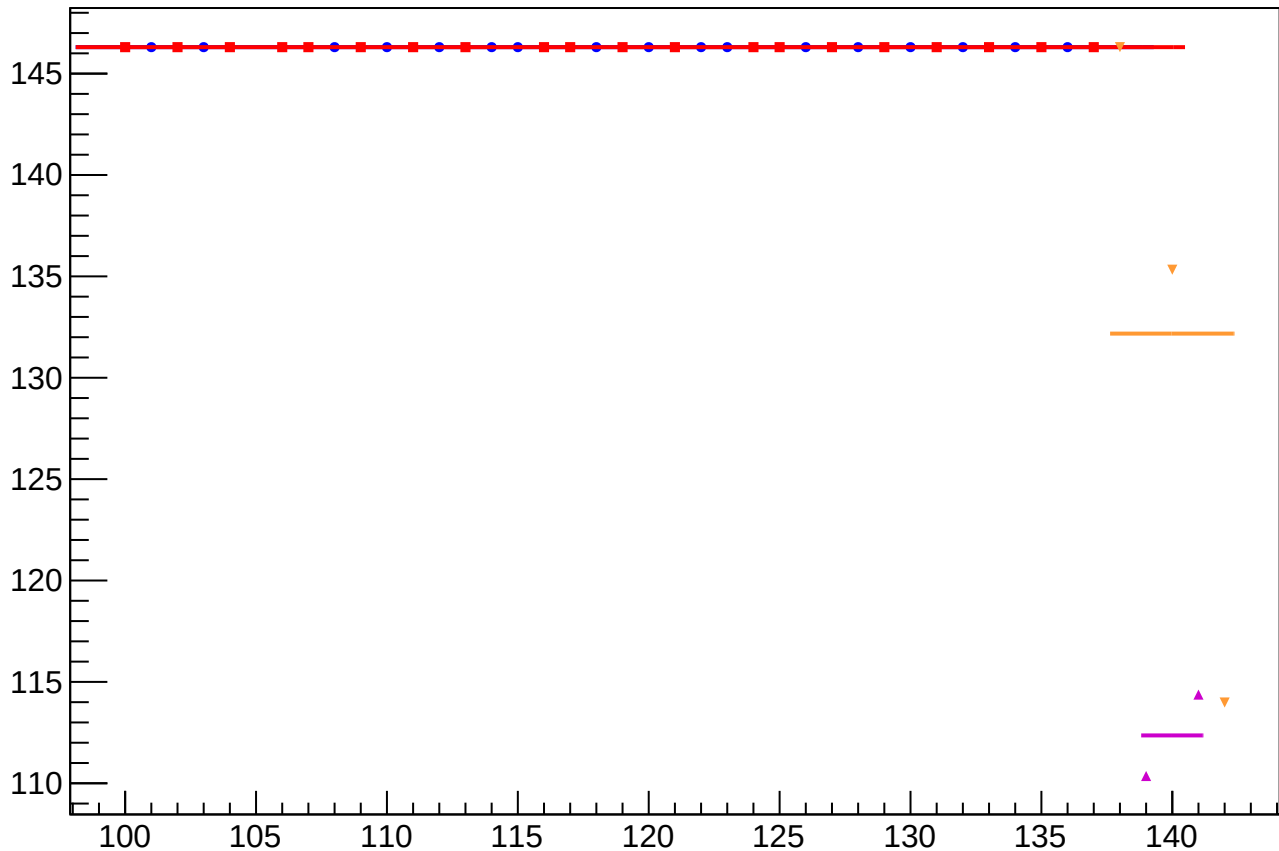
Left In: -46.913 $\pm$ 88.377 χ^2 /NDF:0.0/1

201.733 $\pm$ 38.495 χ^2 /NDF: 8.6/19

-18.908 $\pm$ 26.086 χ^2 /NDF: 73.2/41

-206.275 $\pm$ 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: 132.177 $\pm$ 0.068 χ^2 /NDF:36056.1/2

Right Out: 146.305 $\pm$ 0.027 χ^2 /NDF: 0.0/19

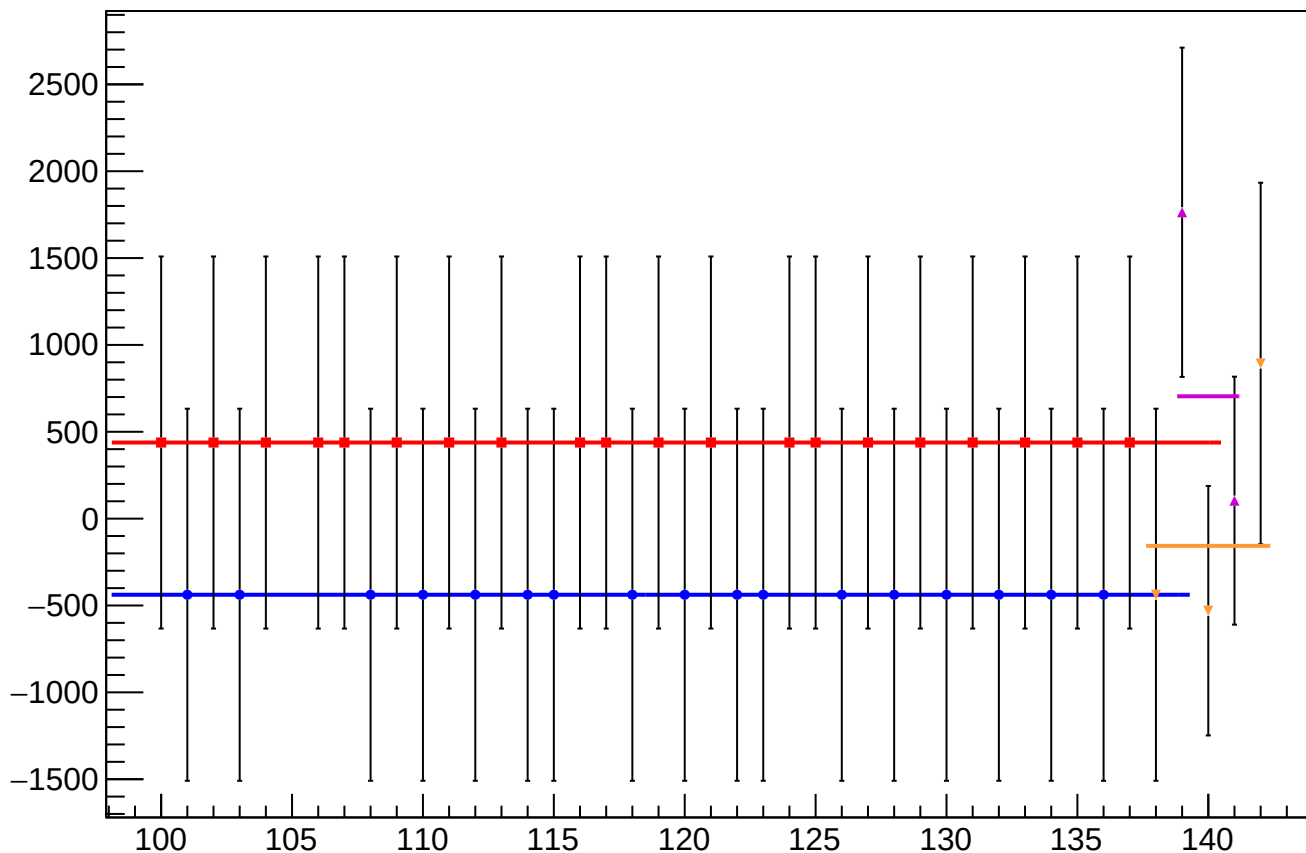
Left In: 112.361 $\pm$ 0.062 χ^2 /NDF:1032.1/1

144.040 $\pm$ 0.027 χ^2 /NDF: 72317.2/19

142.307 $\pm$ 0.018 χ^2 /NDF: 328347.8/41

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: -156.740+/-517.445 χ^2/NDF : 1.4/2

Right Out: 438.169+/-239.485 χ^2/NDF : 0.0/19

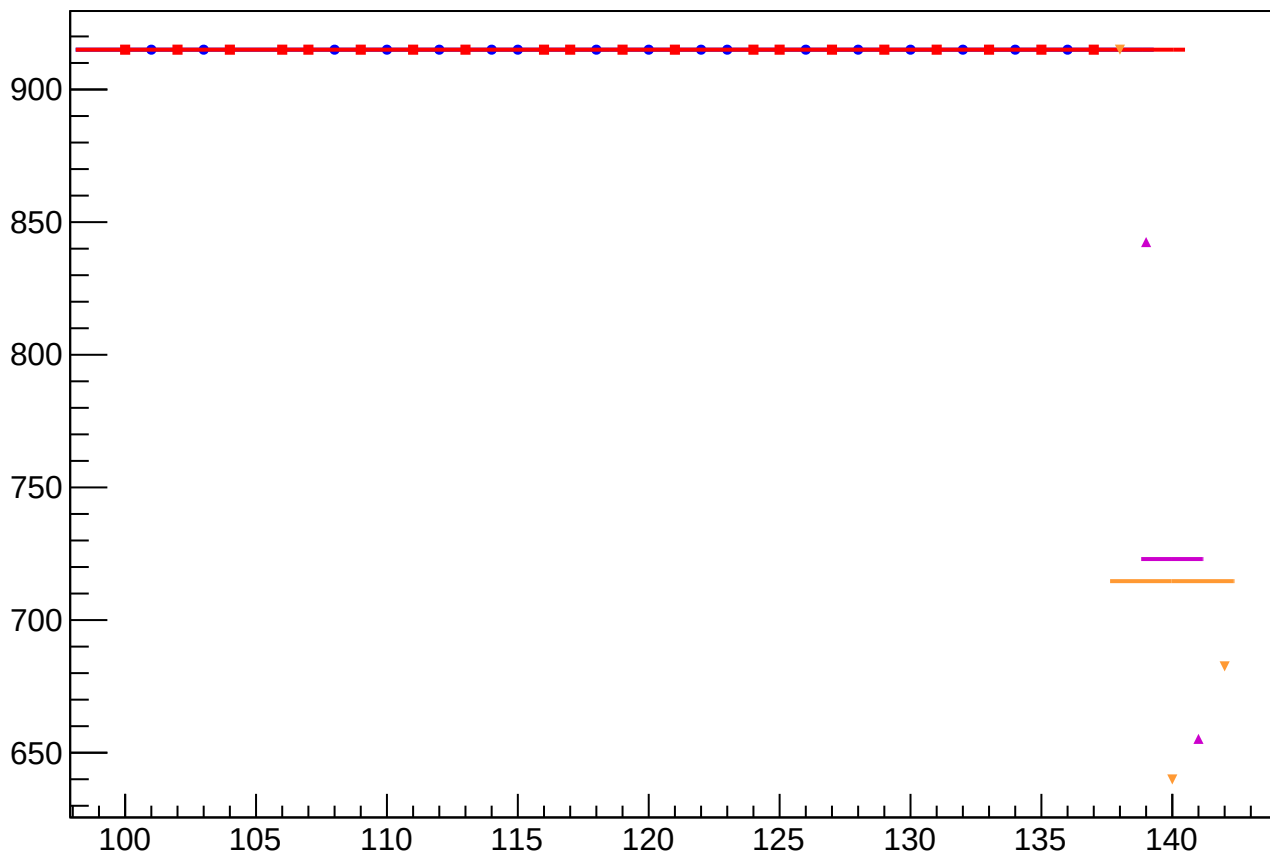
Left In: 704.339+/-570.105 χ^2/NDF : 2.0/1

-381.523+/-232.149 χ^2/NDF : 1.6/19

69.818+/-159.989 χ^2/NDF : 10.9/41

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: 714.673 $\pm$ 0.366 χ^2 /NDF:93559.0/2

Right Out: 915.008 $\pm$ 0.169 χ^2 /NDF: 0.0/19

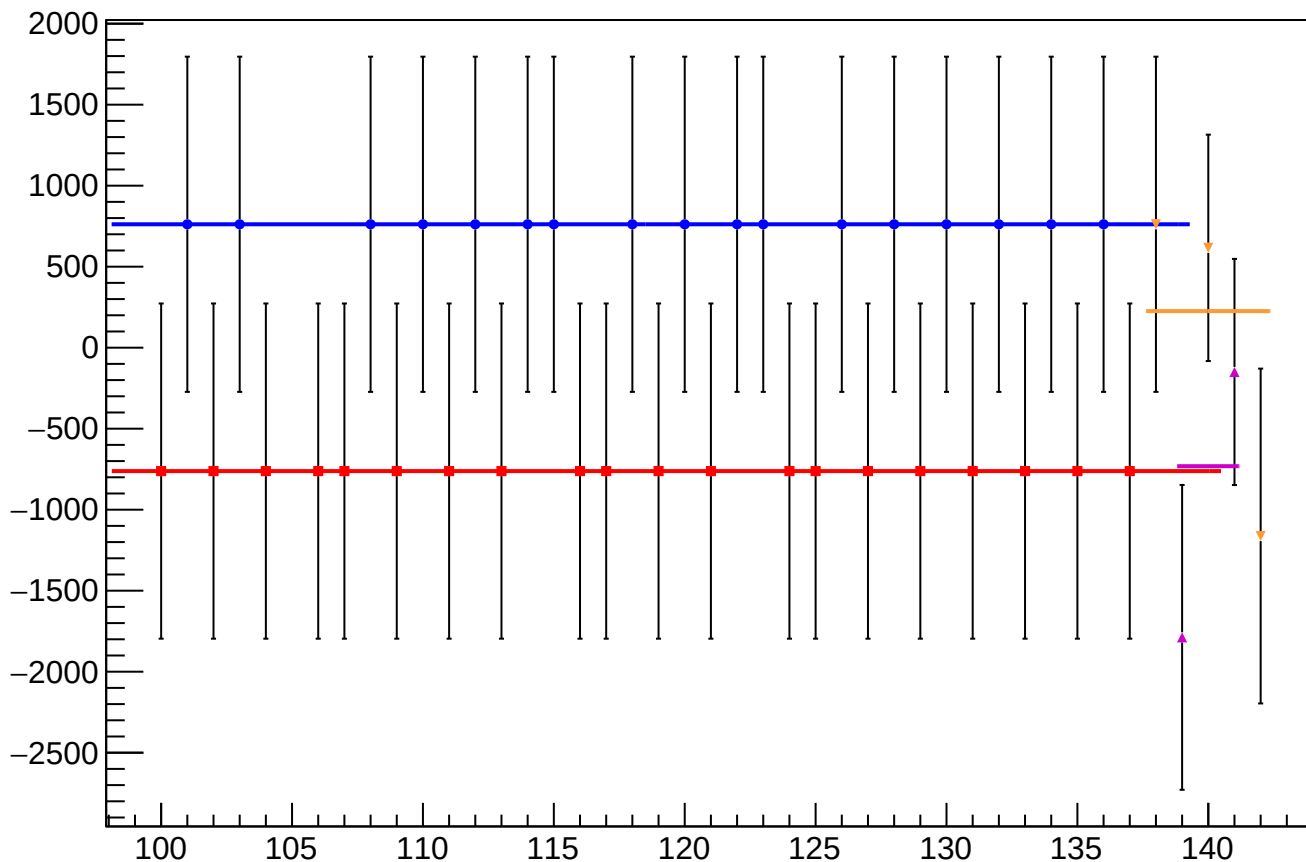
Left In: 723.005 $\pm$ 0.403 χ^2 /NDF:49834.8/1

874.685 $\pm$ 0.164 χ^2 /NDF: 333006.8/19

880.736 $\pm$ 0.113 χ^2 /NDF: 578254.0/41

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: 225.847 $\pm$ 505.110 χ^2/NDF : 2.4/2

Right Out: -761.735 $\pm$ 231.331 χ^2/NDF : 0.0/19

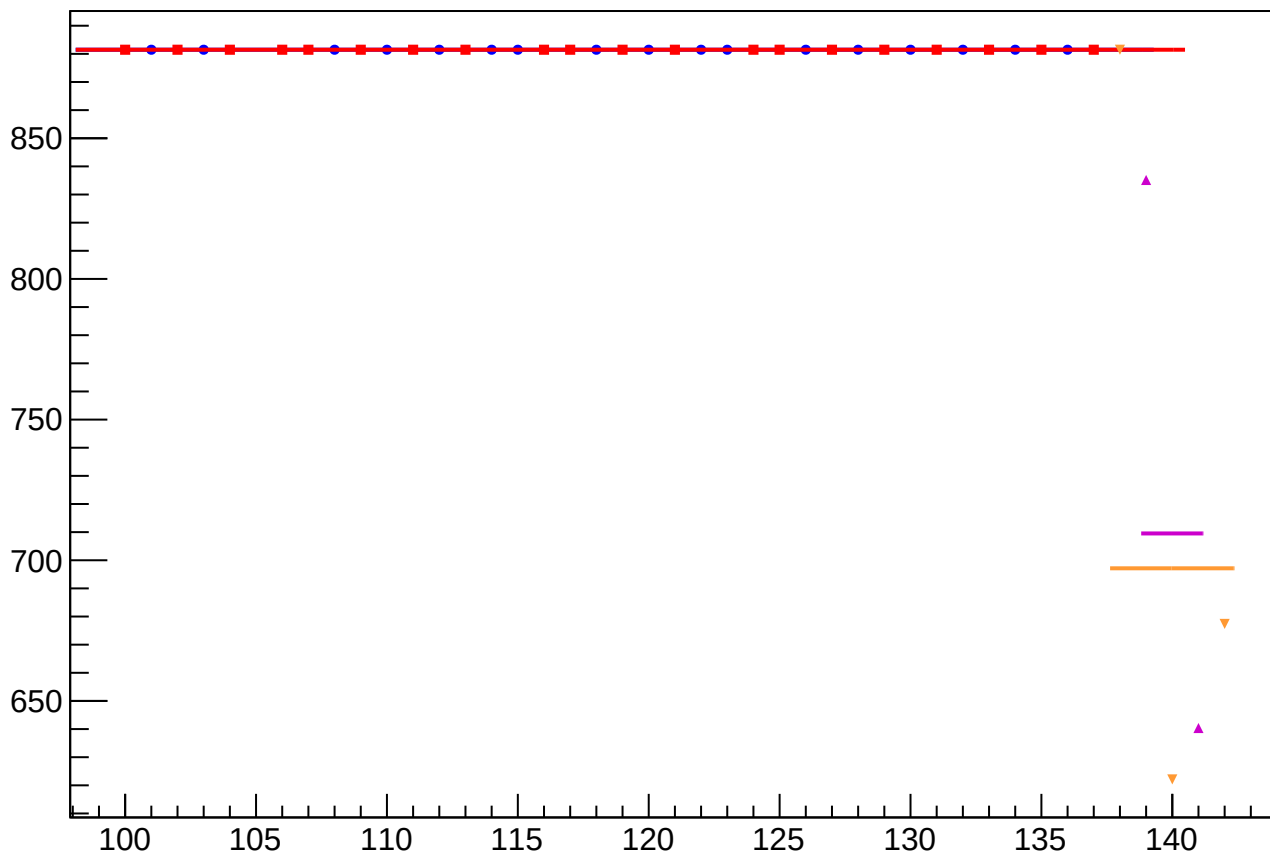
Left In: -731.501 $\pm$ 560.607 χ^2/NDF : 2.0/1

655.671 $\pm$ 224.715 χ^2/NDF : 3.3/19

-85.849 $\pm$ 154.910 χ^2/NDF : 26.0/41

-757.336 $\pm$ 213.841 χ^2/NDF : 2.0/21

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 881.467+/-0.177 χ^2/NDF : 0.0/16

Left Out: 697.141+/-0.357 χ^2/NDF : 87288.8/2

Right Out: 881.467+/-0.164 χ^2/NDF : 0.0/19

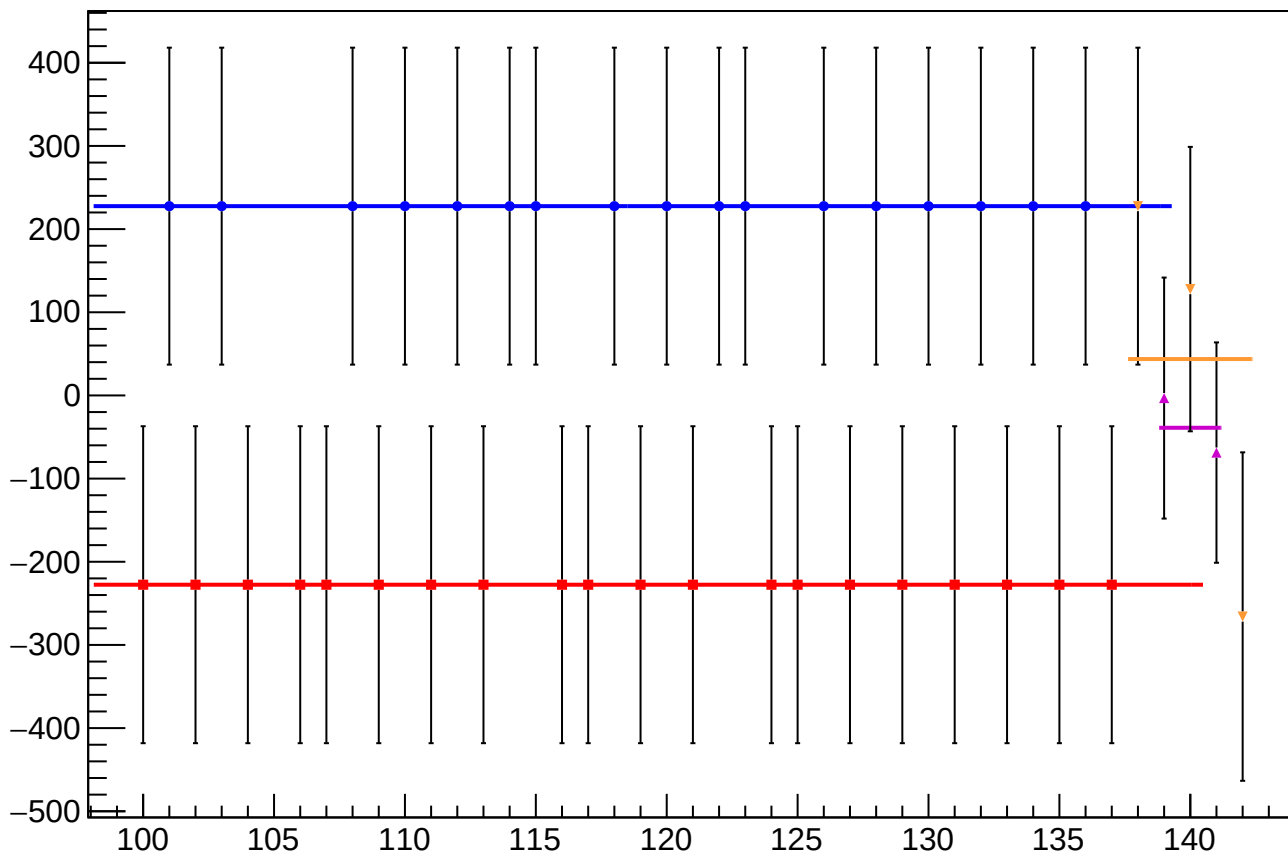
Left In: 709.533+/-0.396 χ^2/NDF : 55295.7/1

844.985+/-0.159 χ^2/NDF : 300911.3/19

851.002+/-0.110 χ^2/NDF : 519690.1/41

856.451+/-0.151 χ^2/NDF : 216046.4/21

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 227.596 $\pm$ 46.216 χ^2/NDF : 0.0/16

Left Out: 43.739 $\pm$ 106.976 χ^2/NDF : 3.6/2

Right Out: -227.596 $\pm$ 42.609 χ^2/NDF : 0.0/19

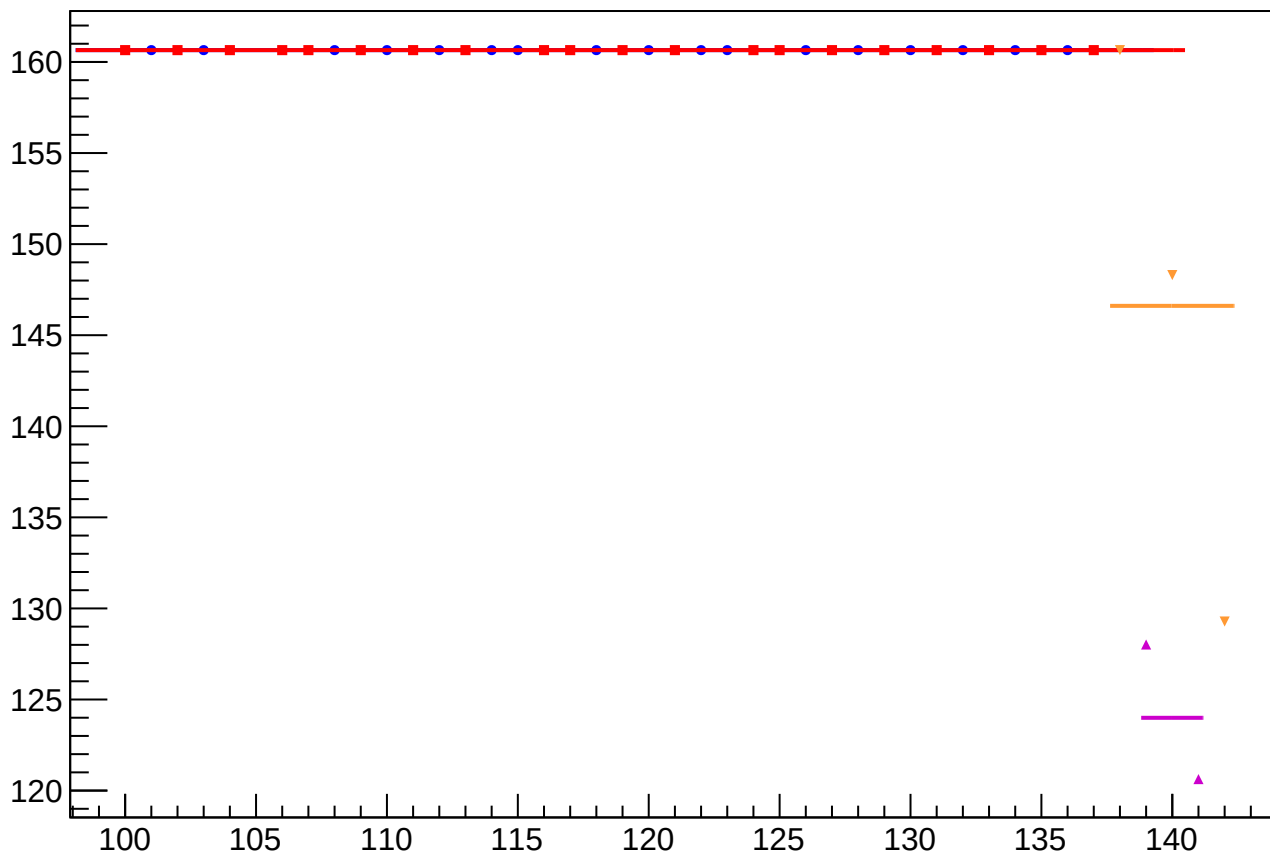
Left In: -38.877 $\pm$ 97.771 χ^2/NDF : 0.1/1

198.677 $\pm$ 42.426 χ^2/NDF : 6.1/19

-15.730 $\pm$ 28.737 χ^2/NDF : 56.6/41

-197.474 $\pm$ 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: 146.611 $\pm$ 0.076 χ^2 /NDF:26455.3/2

Right Out: 160.650 $\pm$ 0.030 χ^2 /NDF: 0.0/19

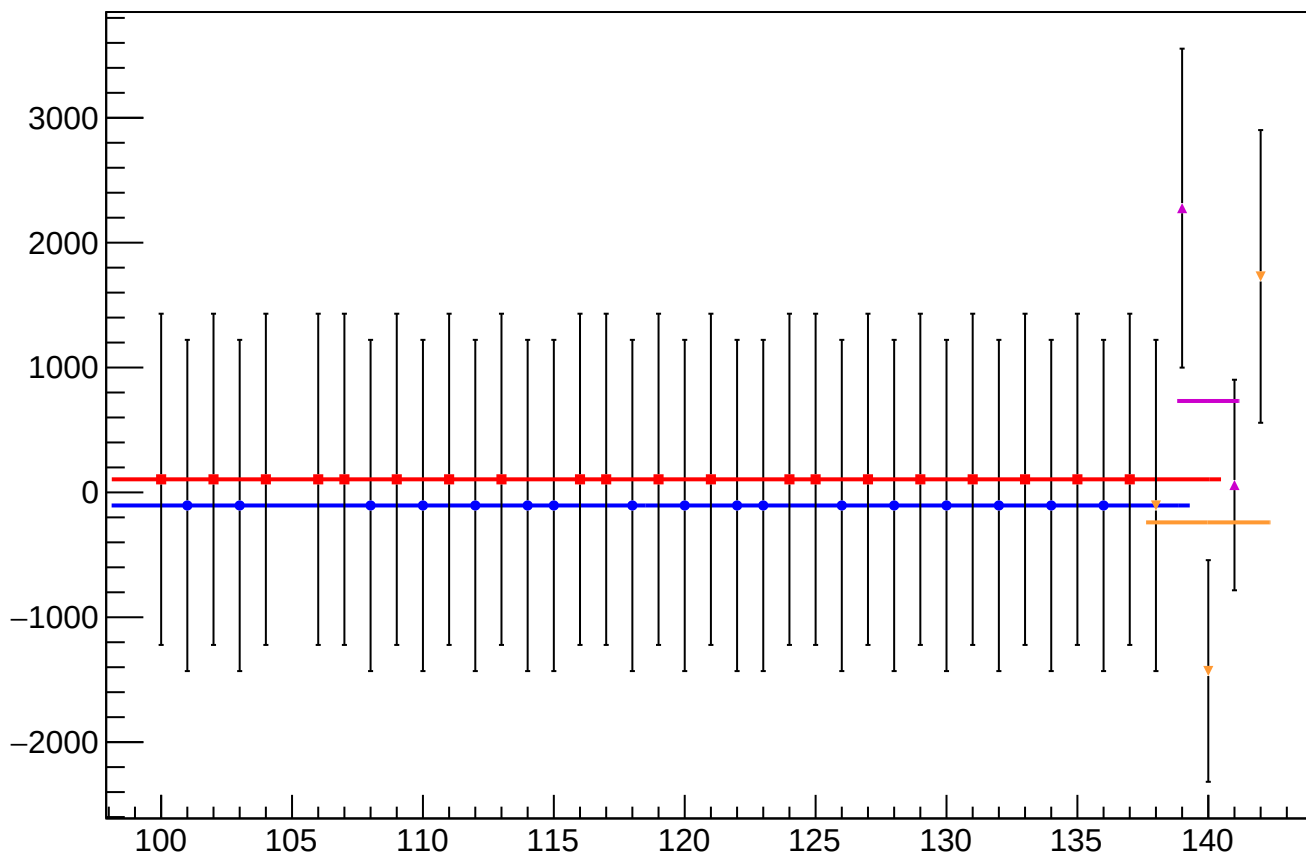
Left In: 123.995 $\pm$ 0.069 χ^2 /NDF:2833.1/1

158.442 $\pm$ 0.030 χ^2 /NDF: 55483.5/19

156.471 $\pm$ 0.020 χ^2 /NDF: 302532.6/41

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 ± 321.680 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -240.124 ± 624.293 $\chi^2/\text{NDF}: 4.6/2$

Right Out: 104.711 ± 296.574 $\chi^2/\text{NDF}: 0.0/19$

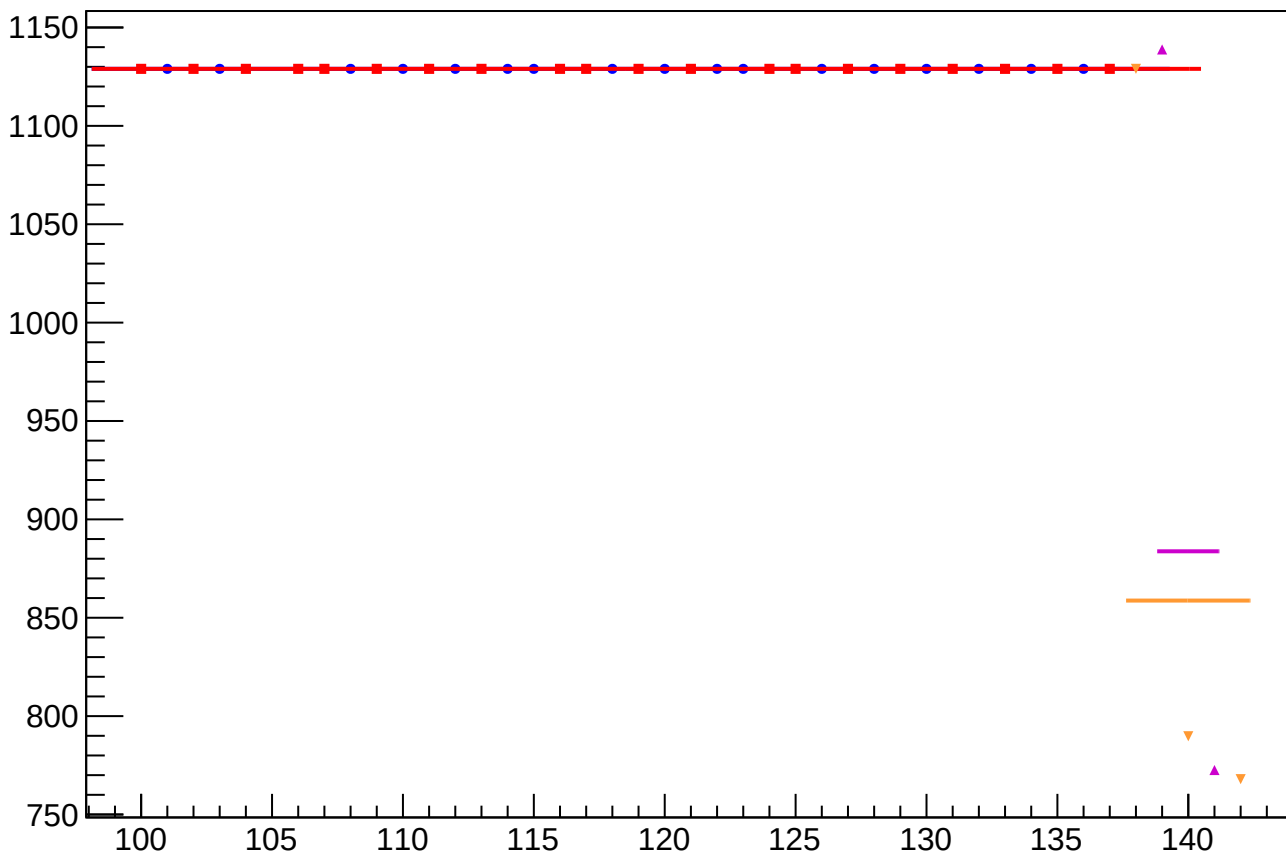
Left In: 732.166 ± 703.627 $\chi^2/\text{NDF}: 2.1/1$

-133.120 ± 285.952 $\chi^2/\text{NDF}: 4.7/19$

40.646 ± 197.570 $\chi^2/\text{NDF}: 8.2/41$

199.366 ± 273.290 $\chi^2/\text{NDF}: 2.8/21$

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 1128.979+/-0.227 χ^2/NDF : 0.0/16

Left Out: 858.731+/-0.441 χ^2/NDF : 107106.3/2

Right Out: 1128.979+/-0.210 χ^2/NDF : 0.0/19

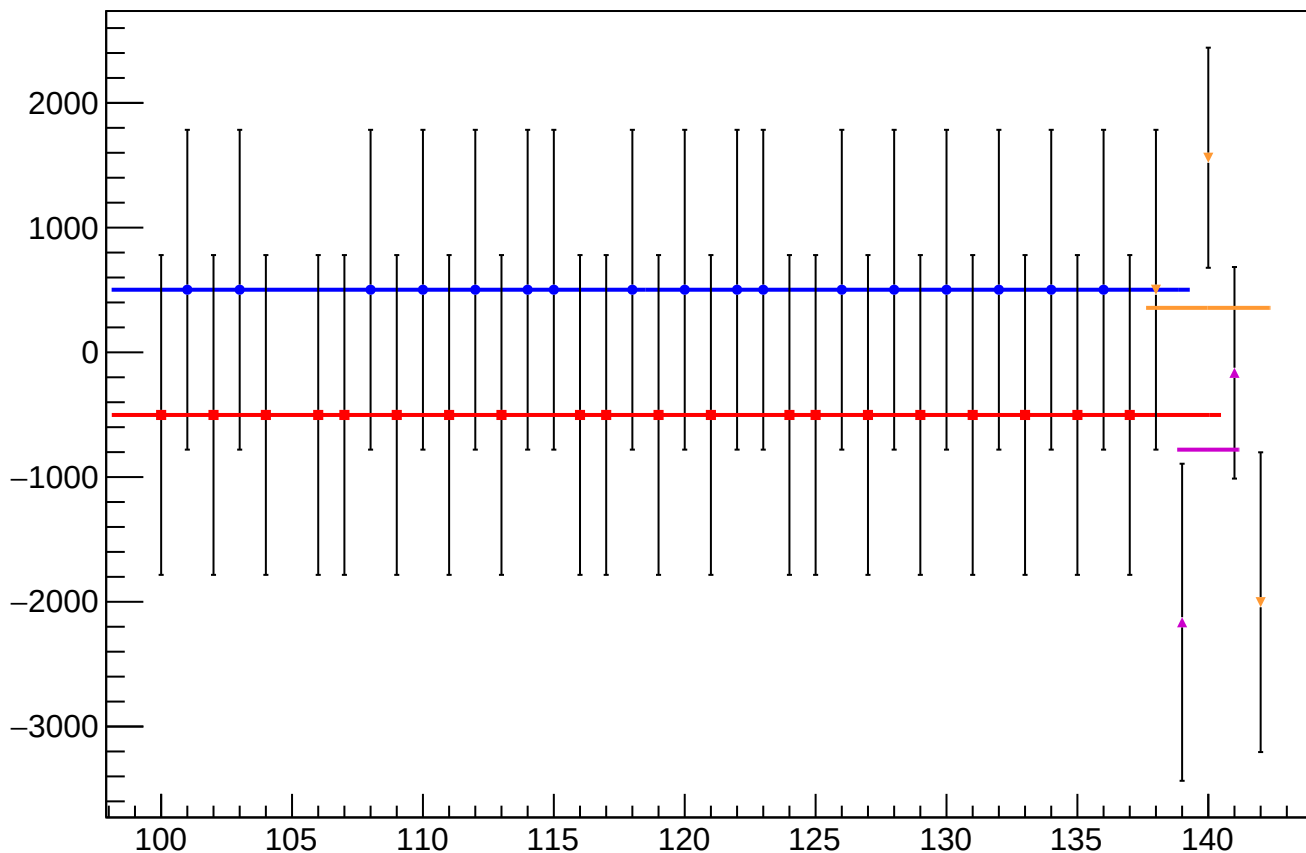
Left In: 883.771+/-0.498 χ^2/NDF : 114542.2/1

1072.281+/-0.202 χ^2/NDF : 403256.9/19

1082.580+/-0.140 χ^2/NDF : 729013.5/41

1091.988+/-0.193 χ^2/NDF : 320792.0/21

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 502.043 $\pm$ 310.943 χ^2/NDF : 0.0/16

Left Out: 356.730 $\pm$ 621.952 χ^2/NDF : 5.7/2

Right Out: -502.043 $\pm$ 286.675 χ^2/NDF : 0.0/19

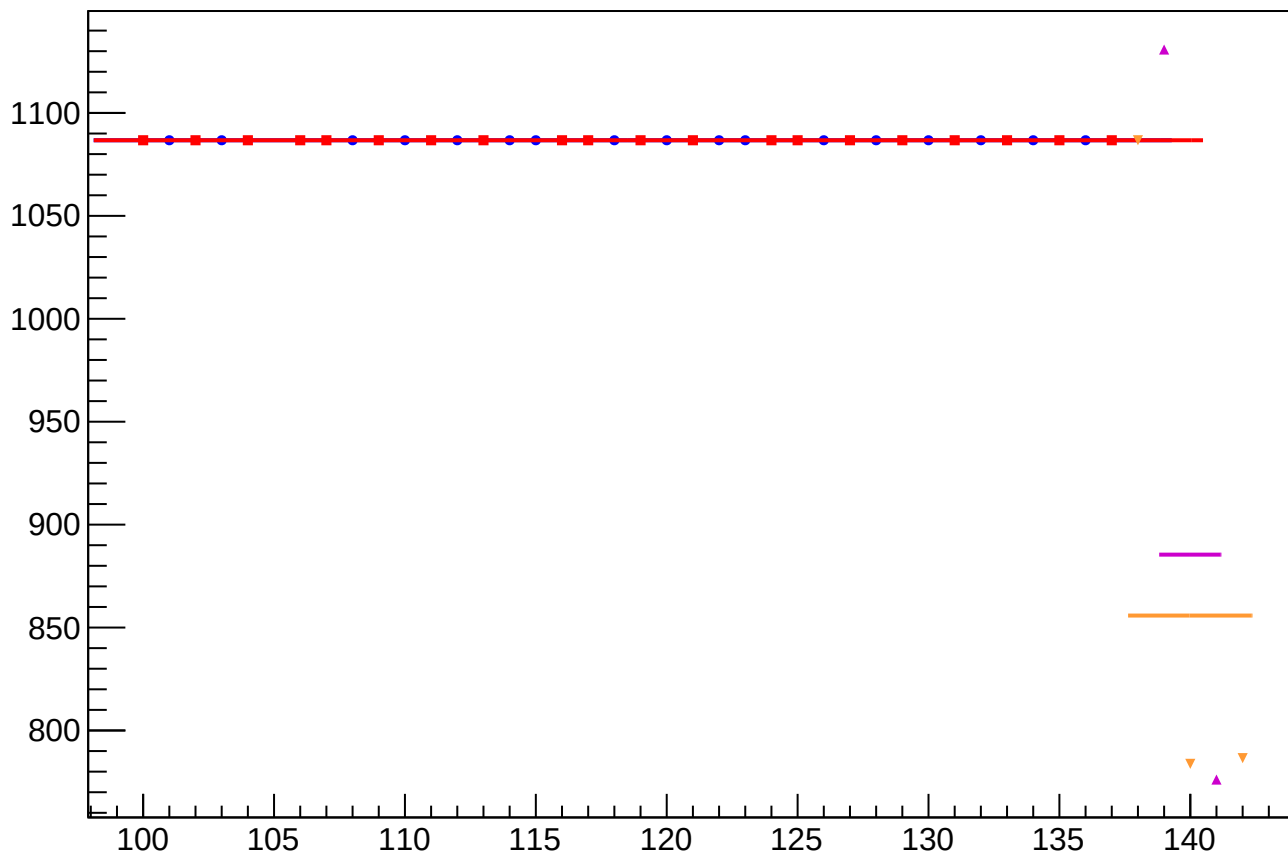
Left In: -780.250 $\pm$ 705.532 χ^2/NDF : 1.7/1

472.986 $\pm$ 278.122 χ^2/NDF : 5.8/19

-57.613 $\pm$ 192.077 χ^2/NDF : 14.6/41

-541.466 $\pm$ 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: 855.827 $\pm$ 0.440 χ^2 /NDF:84850.4/2

Right Out: 1086.731 $\pm$ 0.203 χ^2 /NDF: 0.0/19

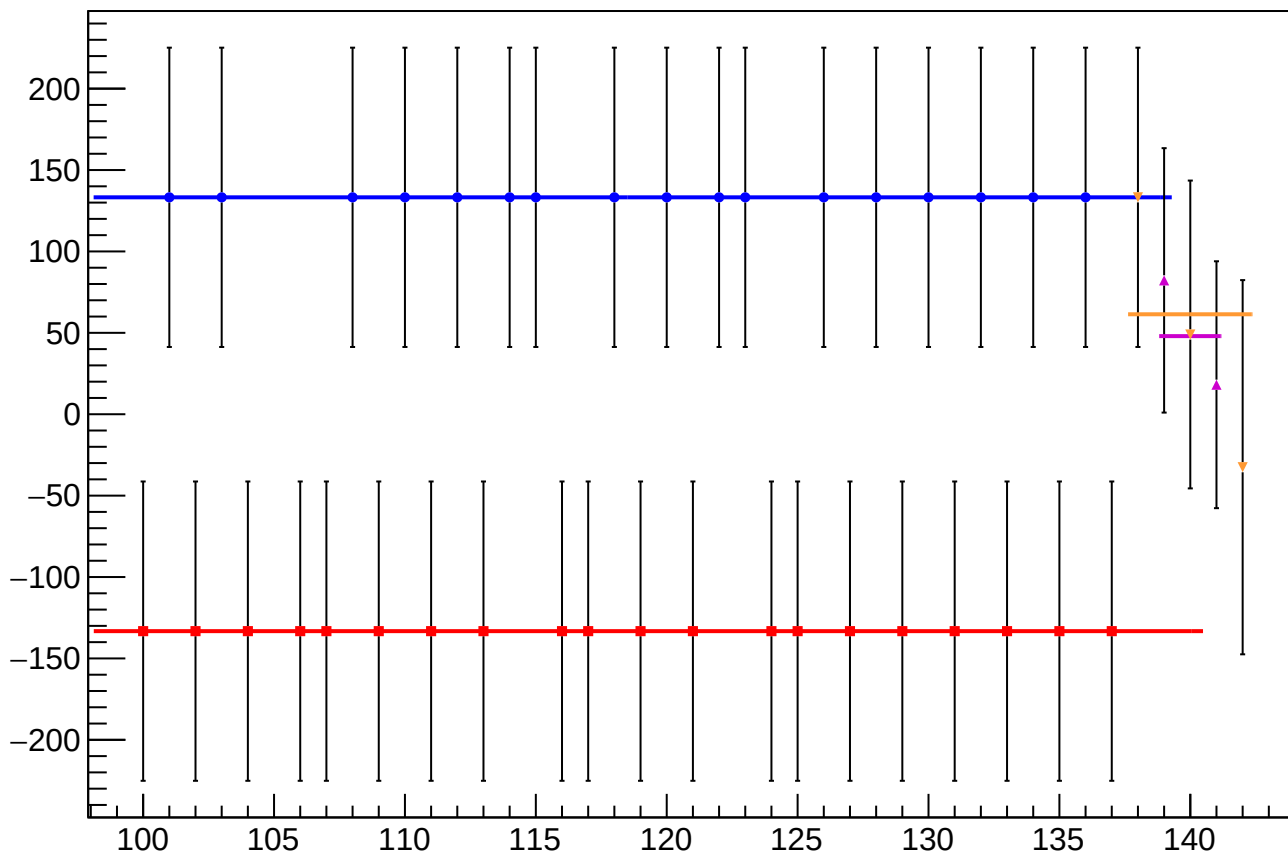
Left In: 885.422 $\pm$ 0.499 χ^2 /NDF:107732.4/1

1040.558 $\pm$ 0.197 χ^2 /NDF: 305390.6/19

1049.788 $\pm$ 0.136 χ^2 /NDF: 557086.9/41

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: 61.400 $\pm$ 57.175 χ^2/NDF : 1.3/2

Right Out: -133.239 $\pm$ 20.556 χ^2/NDF : 0.0/19

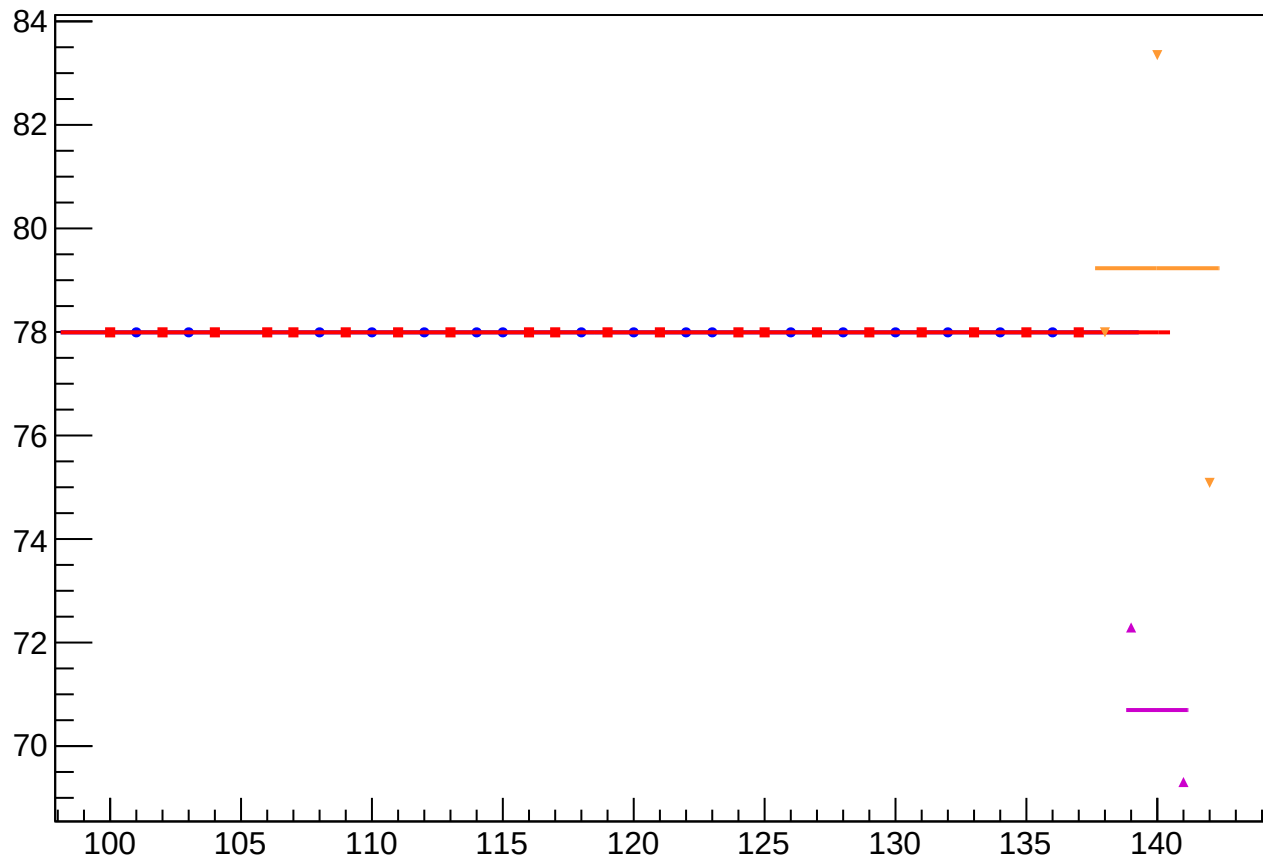
Left In: 47.982 $\pm$ 55.424 χ^2/NDF : 0.3/1

123.756 $\pm$ 20.772 χ^2/NDF : 2.7/19

-2.574 $\pm$ 14.128 χ^2/NDF : 81.2/41

-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: 79.231 $\pm$ 0.040 χ^2 /NDF:6757.9/2

Right Out: 77.993 $\pm$ 0.015 χ^2 /NDF: 0.0/19

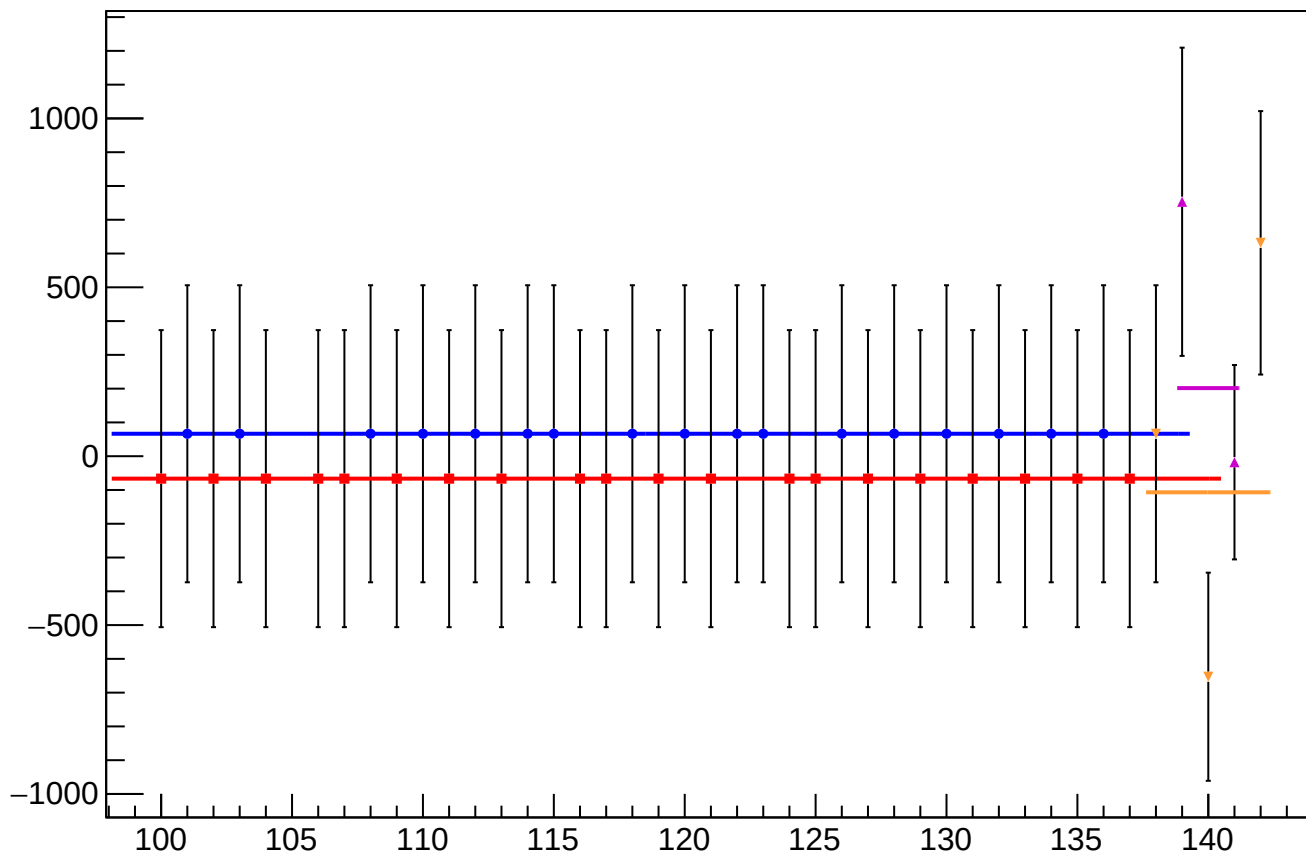
Left In: 70.696 $\pm$ 0.039 χ^2 /NDF:1444.2/1

78.156 $\pm$ 0.015 χ^2 /NDF: 7572.8/19

77.594 $\pm$ 0.010 χ^2 /NDF: 42208.4/41

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 $\pm$ 106.649 χ^2 /NDF: 0.0/16

Left Out: -106.861 $\pm$ 211.846 χ^2 /NDF: 6.9/2

Right Out: -66.428 $\pm$ 98.326 χ^2 /NDF: 0.0/19

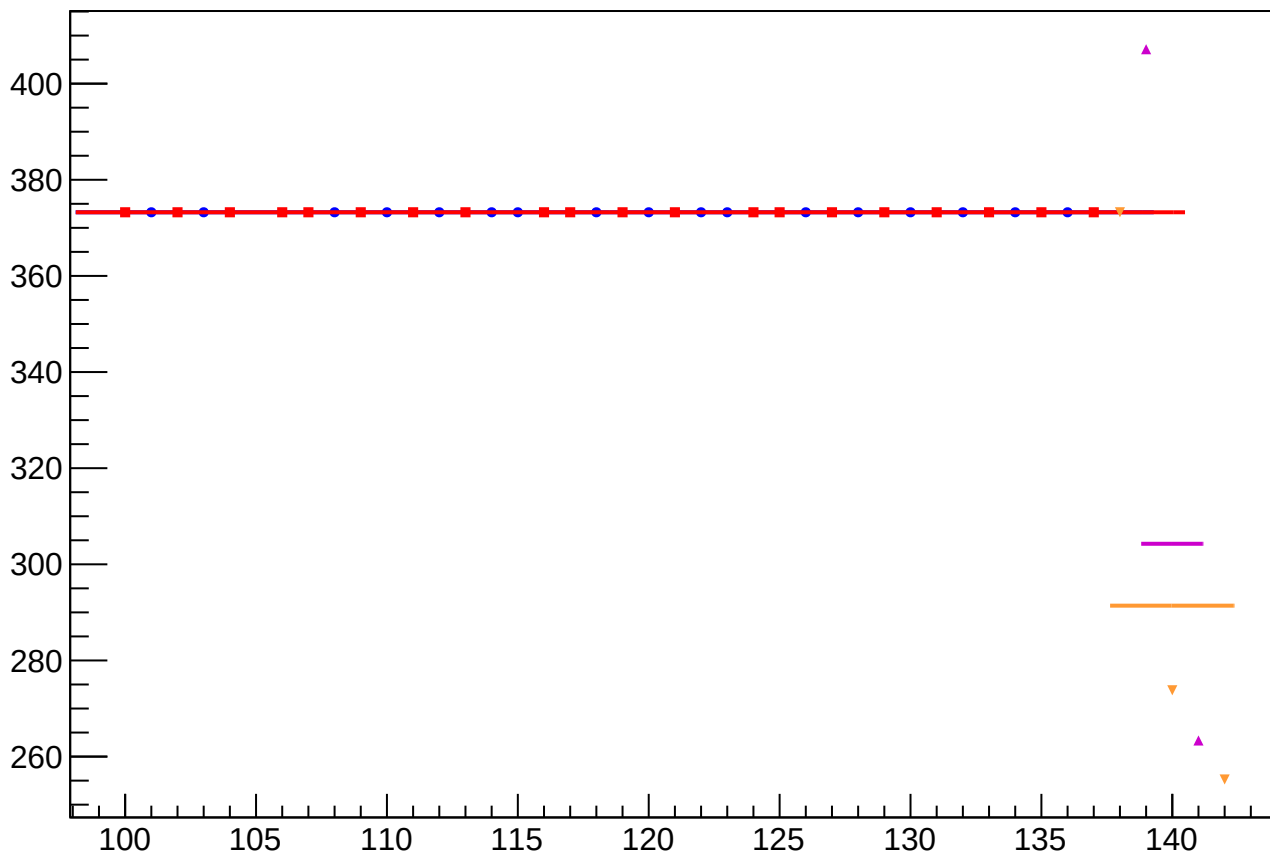
Left In: 201.608 $\pm$ 243.383 χ^2 /NDF: 2.0/1

31.390 $\pm$ 95.259 χ^2 /NDF: 7.4/19

-0.036 $\pm$ 65.864 χ^2 /NDF: 10.7/41

-28.820 $\pm$ 91.167 χ^2 /NDF: 3.1/21

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 373.239 $\pm$ 0.075 χ^2 /NDF: 0.0/16

Left Out: 291.401 $\pm$ 0.150 χ^2 /NDF:93002.9/2

Right Out: 373.239 $\pm$ 0.070 χ^2 /NDF: 0.0/19

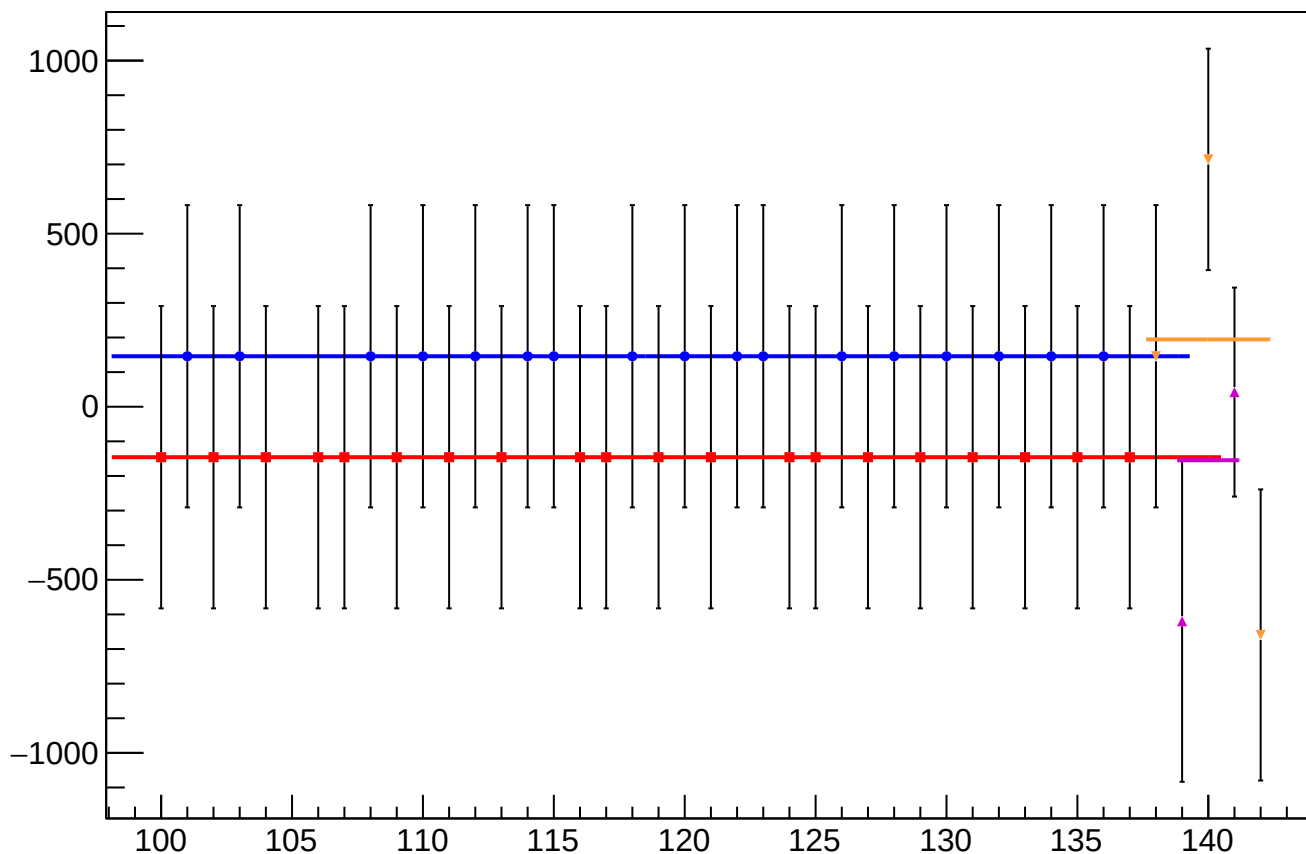
Left In: 304.274 $\pm$ 0.172 χ^2 /NDF:142158.3/1

356.692 $\pm$ 0.067 χ^2 /NDF: 331127.1/19

360.278 $\pm$ 0.047 χ^2 /NDF: 616771.8/41

363.563 $\pm$ 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: 194.497 $\pm$ 219.942 χ^2 /NDF:6.8/2

Right Out: -145.833 $\pm$ 97.641 χ^2 /NDF: 0.0/19

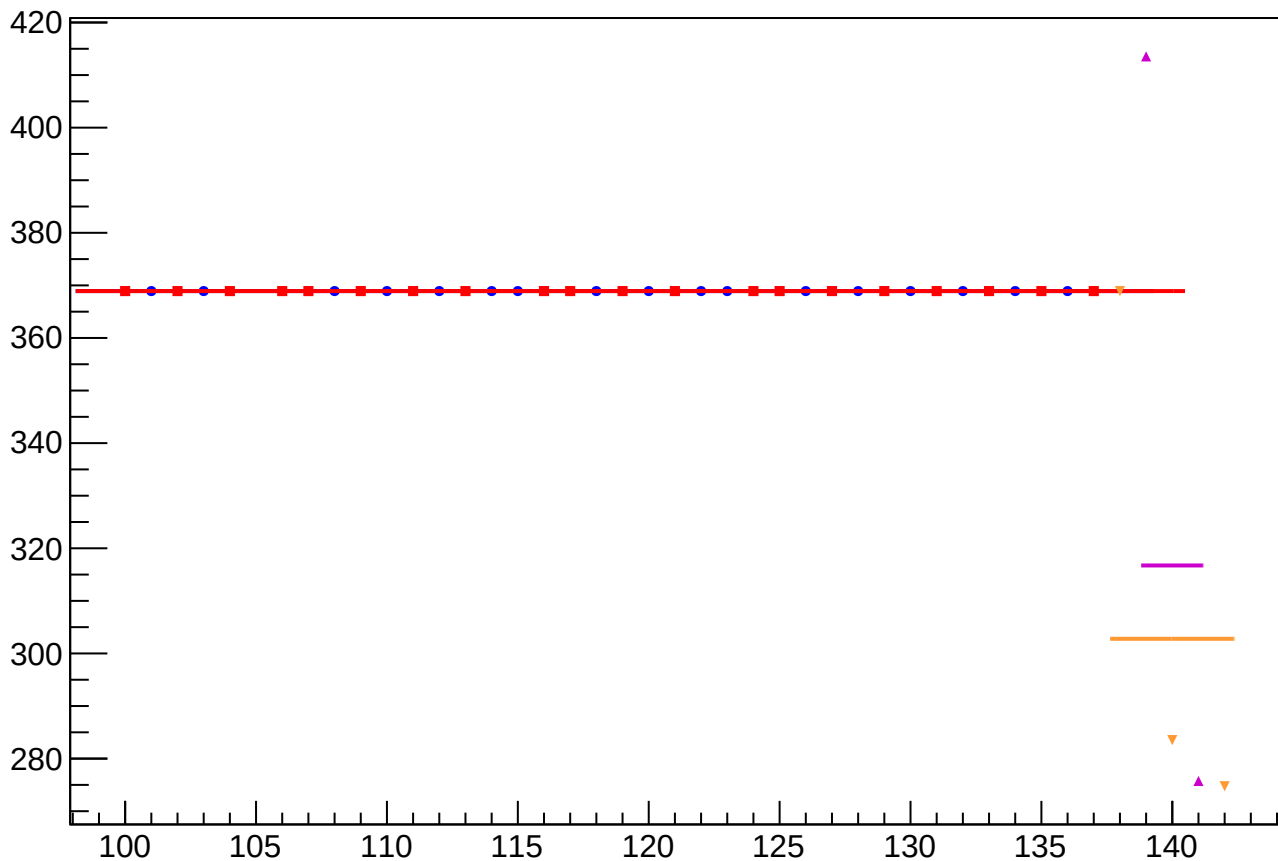
Left In: -154.583 $\pm$ 252.986 χ^2 /NDF:1.4/1

154.992 $\pm$ 95.421 χ^2 /NDF: 6.8/19

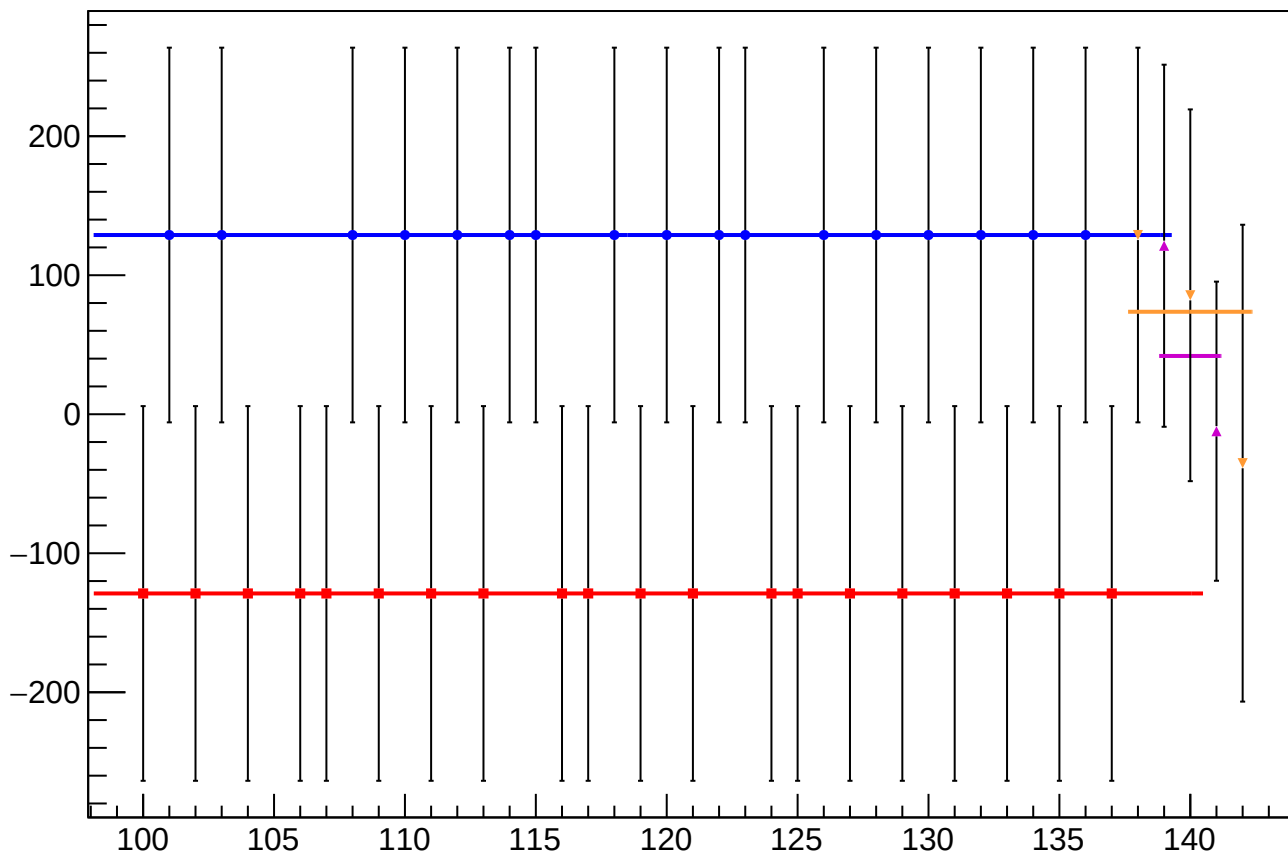
-2.992 $\pm$ 65.889 χ^2 /NDF: 13.5/41

-146.967 $\pm$ 91.092 χ^2 /NDF: 1.4/21

asym_sam_1526_avg_rms vs Slug, Sign Corrected



dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 128.920 $\pm$ 32.686 χ^2 /NDF: 0.0/16

Left Out: 73.714 $\pm$ 83.049 χ^2 /NDF:0.6/2

Right Out: -128.920 $\pm$ 30.135 χ^2 /NDF: 0.0/19

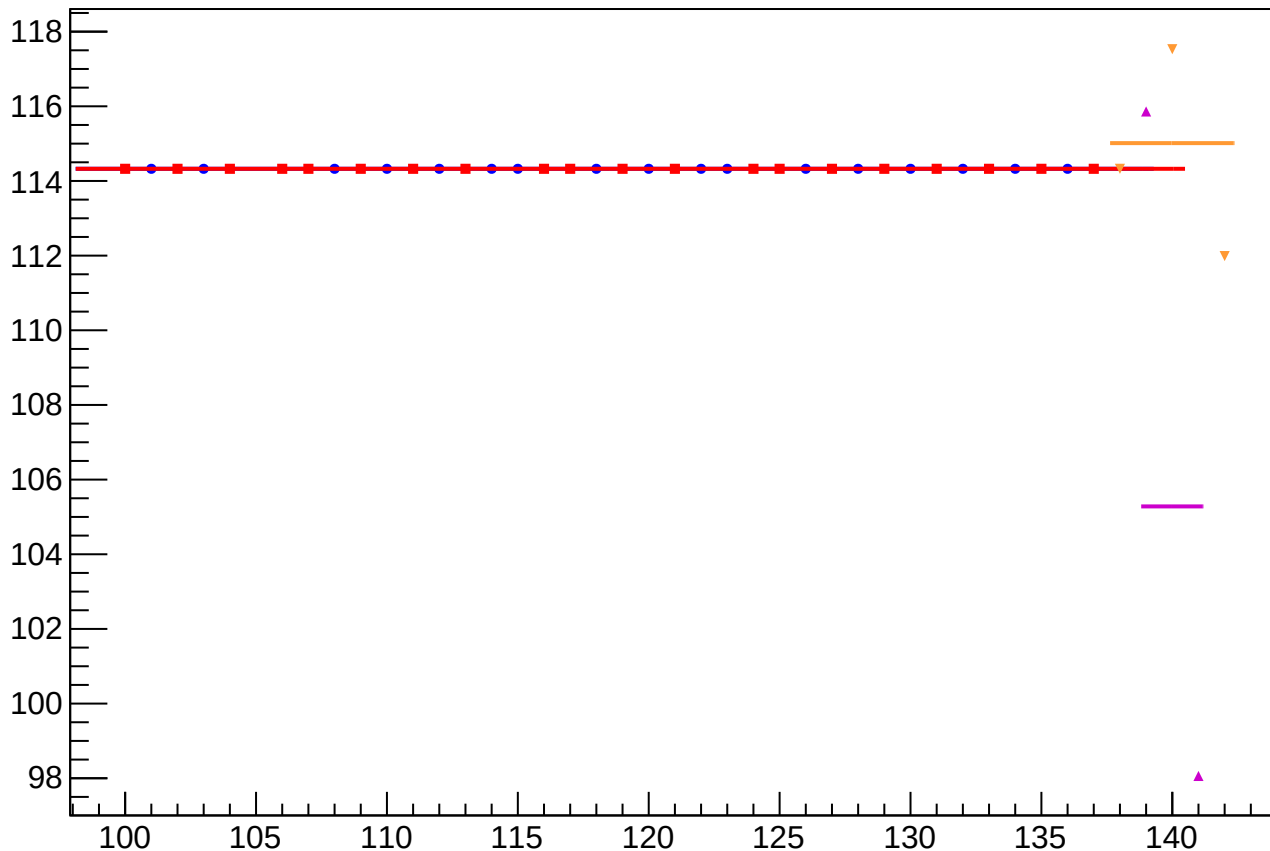
Left In: 41.919 $\pm$ 82.944 χ^2 /NDF:0.6/1

121.515 $\pm$ 30.415 χ^2 /NDF: 1.0/19

-1.940 $\pm$ 20.728 χ^2 /NDF: 36.1/41

-108.999 $\pm$ 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: 115.014 $\pm$ 0.059 χ^2 /NDF:1382.7/2

Right Out: 114.326 $\pm$ 0.021 χ^2 /NDF: 0.0/19

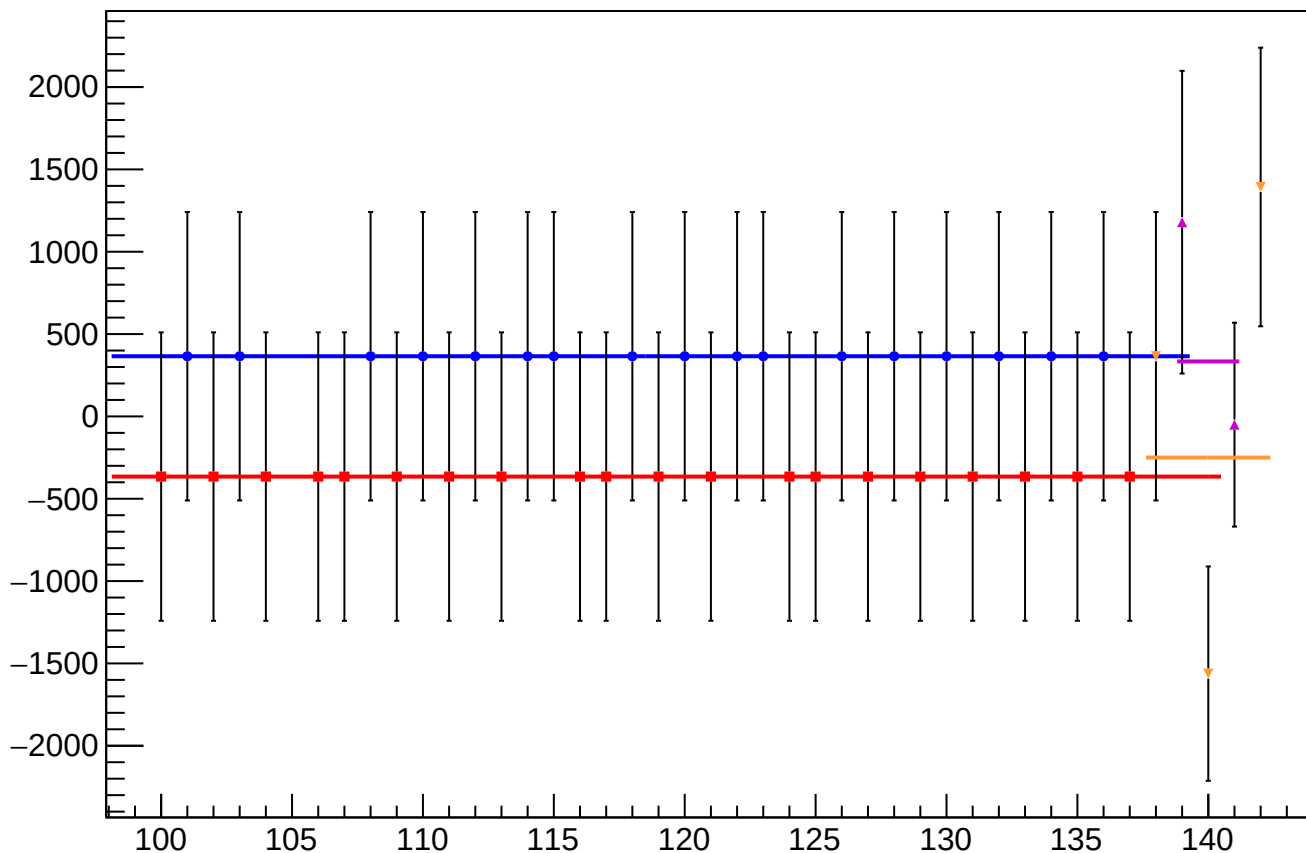
Left In: 105.282 $\pm$ 0.059 χ^2 /NDF:22207.4/1

114.418 $\pm$ 0.022 χ^2 /NDF: 1501.5/19

113.804 $\pm$ 0.015 χ^2 /NDF: 46237.2/41

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: -249.845 $\pm$ 444.461 χ^2 /NDF:8.3/2

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

250.992 $\pm$ 191.654 χ^2 /NDF: 9.9/19

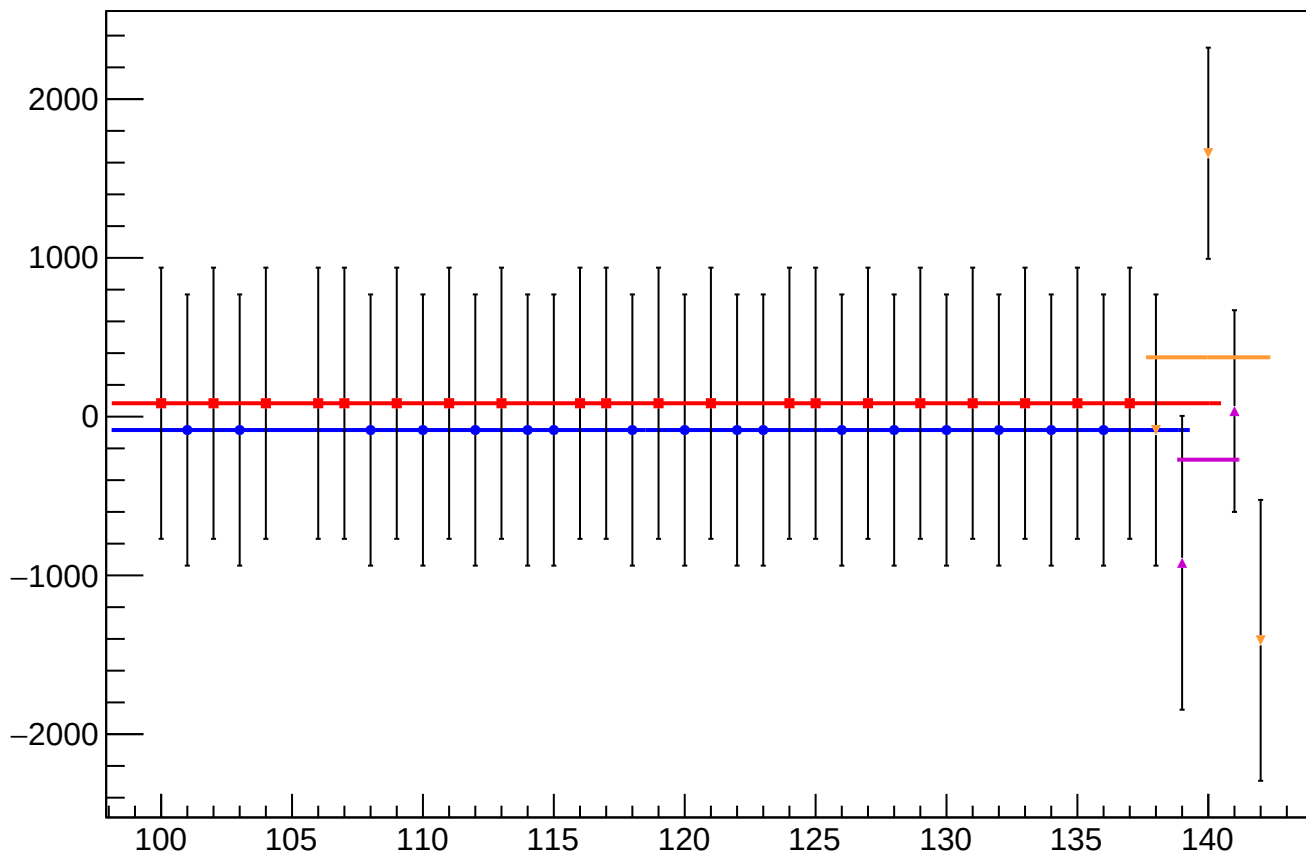
-25.014 $\pm$ 132.347 χ^2 /NDF: 16.7/41

-276.601 $\pm$ 182.980 χ^2 /NDF: 2.8/21

Left In: 645.589+/-0.363 χ^2/NDF :104981.3/1

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: 373.686 ± 451.313 χ^2/NDF : 8.1/2

Right Out: 84.386 ± 190.981 χ^2/NDF : 0.0/19

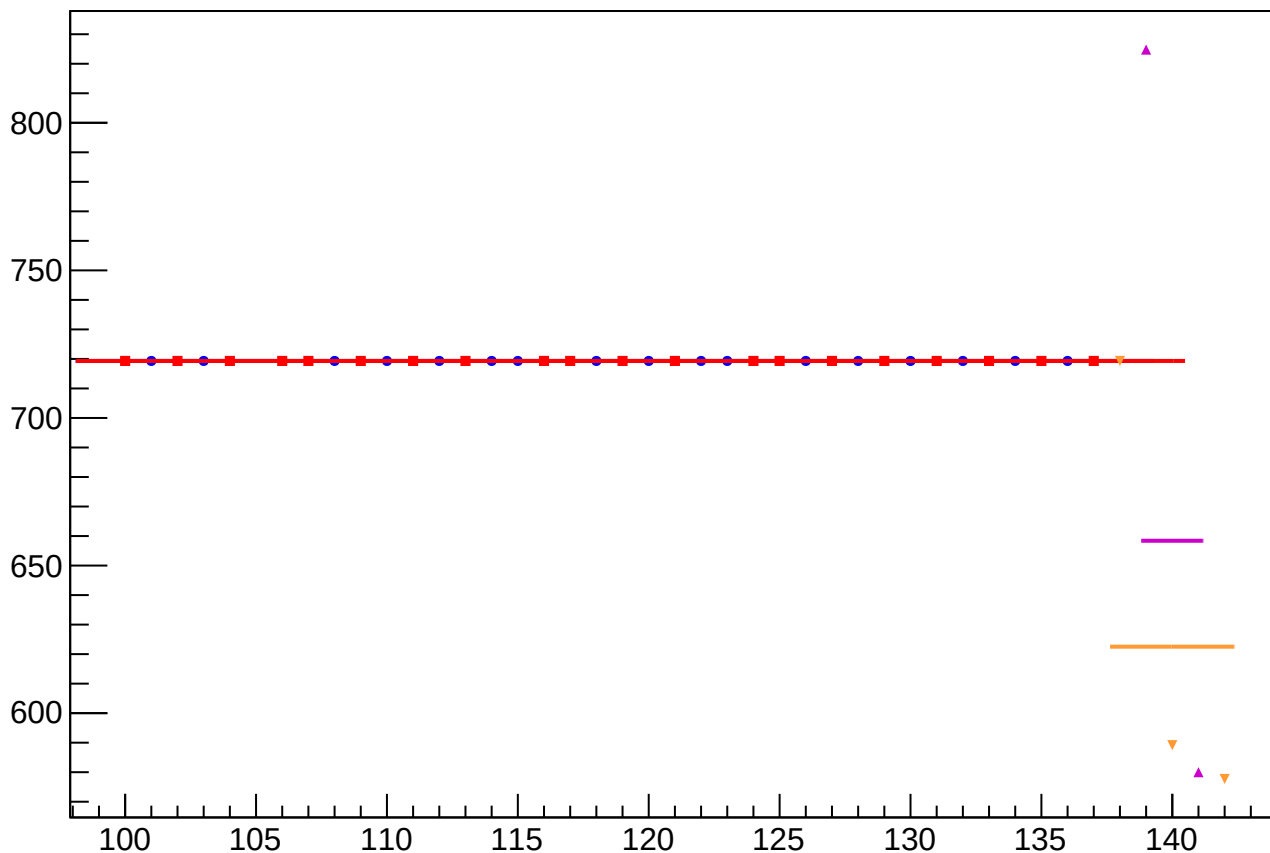
Left In: -271.003 ± 523.679 χ^2/NDF : 0.7/1

-4.676 ± 188.265 χ^2/NDF : 8.9/19

20.134 ± 129.884 χ^2/NDF : 10.1/41

42.668 ± 179.422 χ^2/NDF : 1.1/21

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 719.321 $\pm$ 0.146 χ^2 /NDF: 0.0/16

Left Out: 622.521 $\pm$ 0.319 χ^2 /NDF:35855.7/2

Right Out: 719.321 $\pm$ 0.135 χ^2 /NDF: 0.0/19

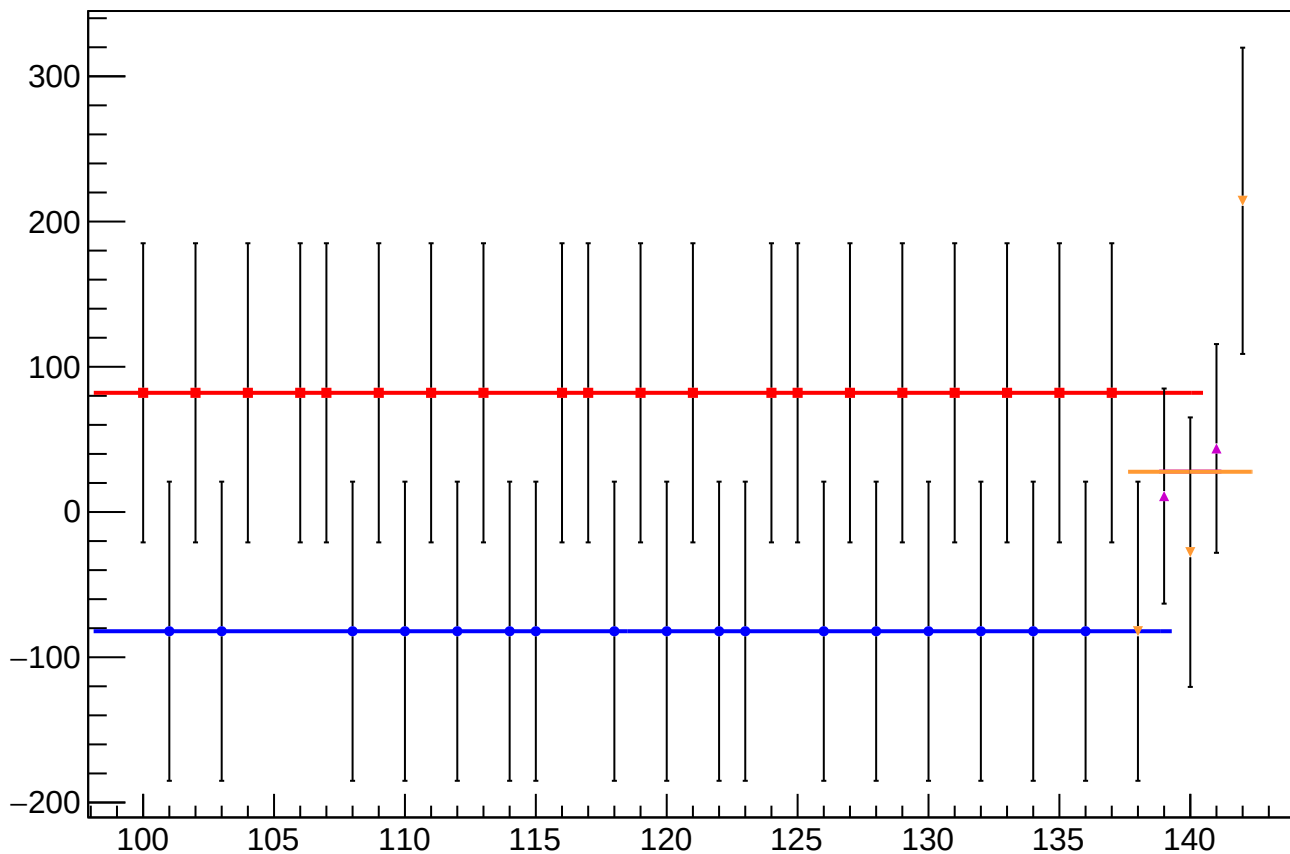
Left In: 658.405 $\pm$ 0.370 χ^2 /NDF:95144.2/1

702.476 $\pm$ 0.133 χ^2 /NDF: 111852.4/19

707.556 $\pm$ 0.092 χ^2 /NDF: 233660.2/41

712.170 $\pm$ 0.127 χ^2 /NDF: 119029.1/21

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -82.077 $\pm$ 24.977 χ^2 /NDF: 0.0/16

Left Out: 27.721 $\pm$ 57.696 χ^2 /NDF:4.6/2

Right Out: 82.077 $\pm$ 23.028 χ^2 /NDF: 0.0/19

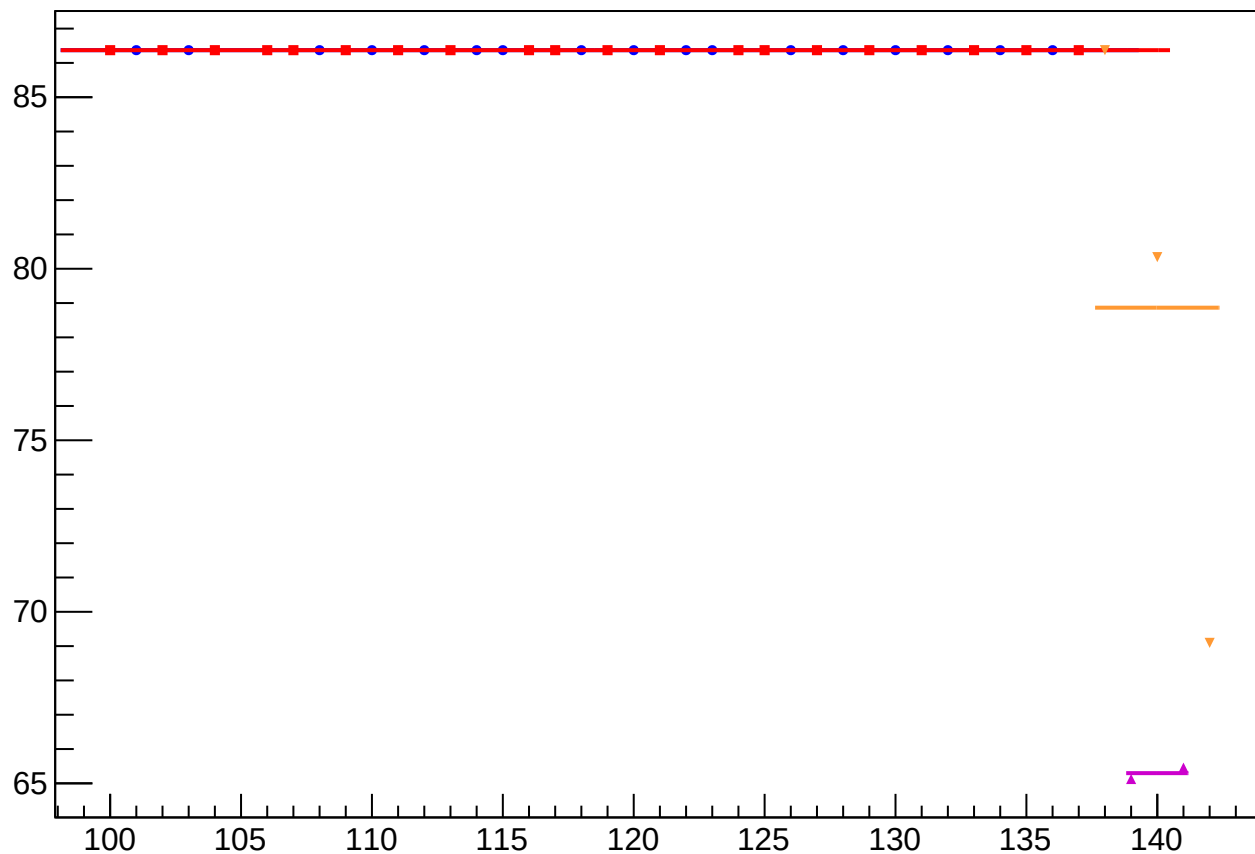
Left In: 27.869 $\pm$ 51.572 χ^2 /NDF:0.1/1

-64.748 $\pm$ 22.921 χ^2 /NDF: 7.7/19

10.089 $\pm$ 15.495 χ^2 /NDF: 28.3/41

73.066 $\pm$ 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: 78.865 $\pm$ 0.041 χ^2 /NDF:28303.5/2

Right Out: 86.371 $\pm$ 0.016 χ^2 /NDF: 0.0/19

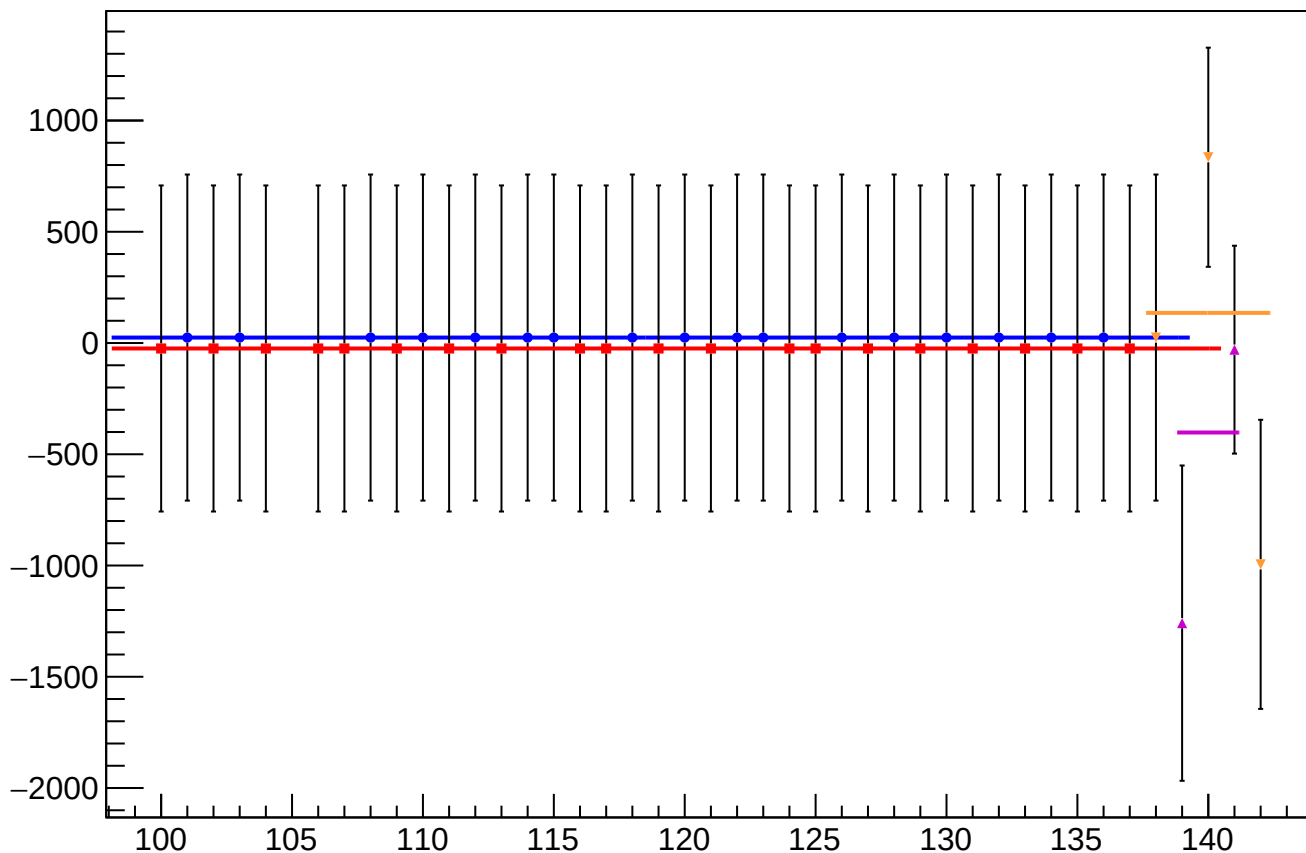
Left In: 65.298 $\pm$ 0.036 χ^2 /NDF:20.7/1

85.187 $\pm$ 0.016 χ^2 /NDF: 56812.0/19

83.928 $\pm$ 0.011 χ^2 /NDF: 346384.5/41

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 $\pm$ 177.726 χ^2/NDF : 0.0/16

Left Out: 135.487 $\pm$ 345.967 χ^2/NDF : 5.1/2

Right Out: -24.540 $\pm$ 163.856 χ^2/NDF : 0.0/19

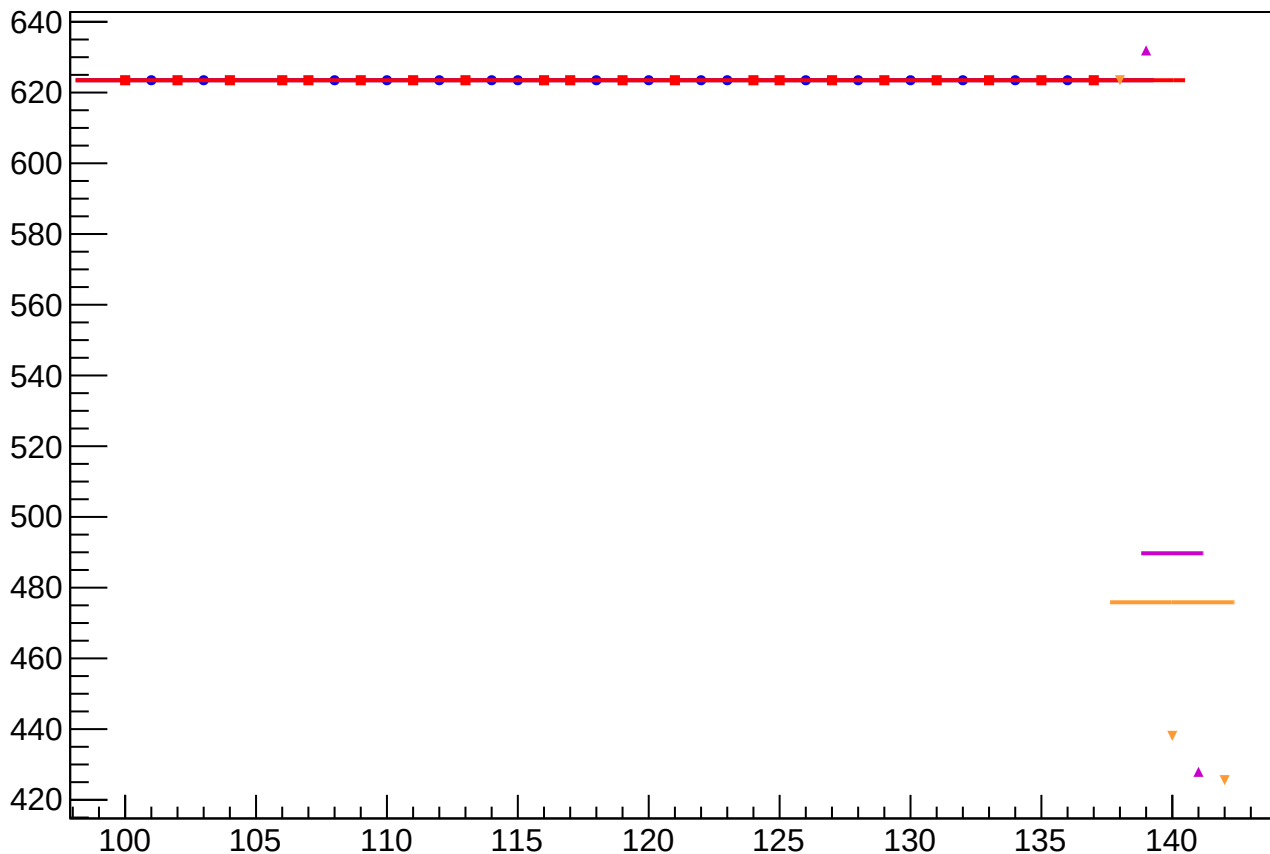
Left In: -402.183 $\pm$ 390.004 χ^2/NDF : 2.1/1

47.706 $\pm$ 158.087 χ^2/NDF : 5.1/19

-19.673 $\pm$ 109.217 χ^2/NDF : 8.4/41

-81.199 $\pm$ 151.064 χ^2/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: 475.863 $\pm$ 0.245 χ^2 /NDF:104920.9/2

Right Out: 623.485 $\pm$ 0.116 χ^2 /NDF: 0.0/19

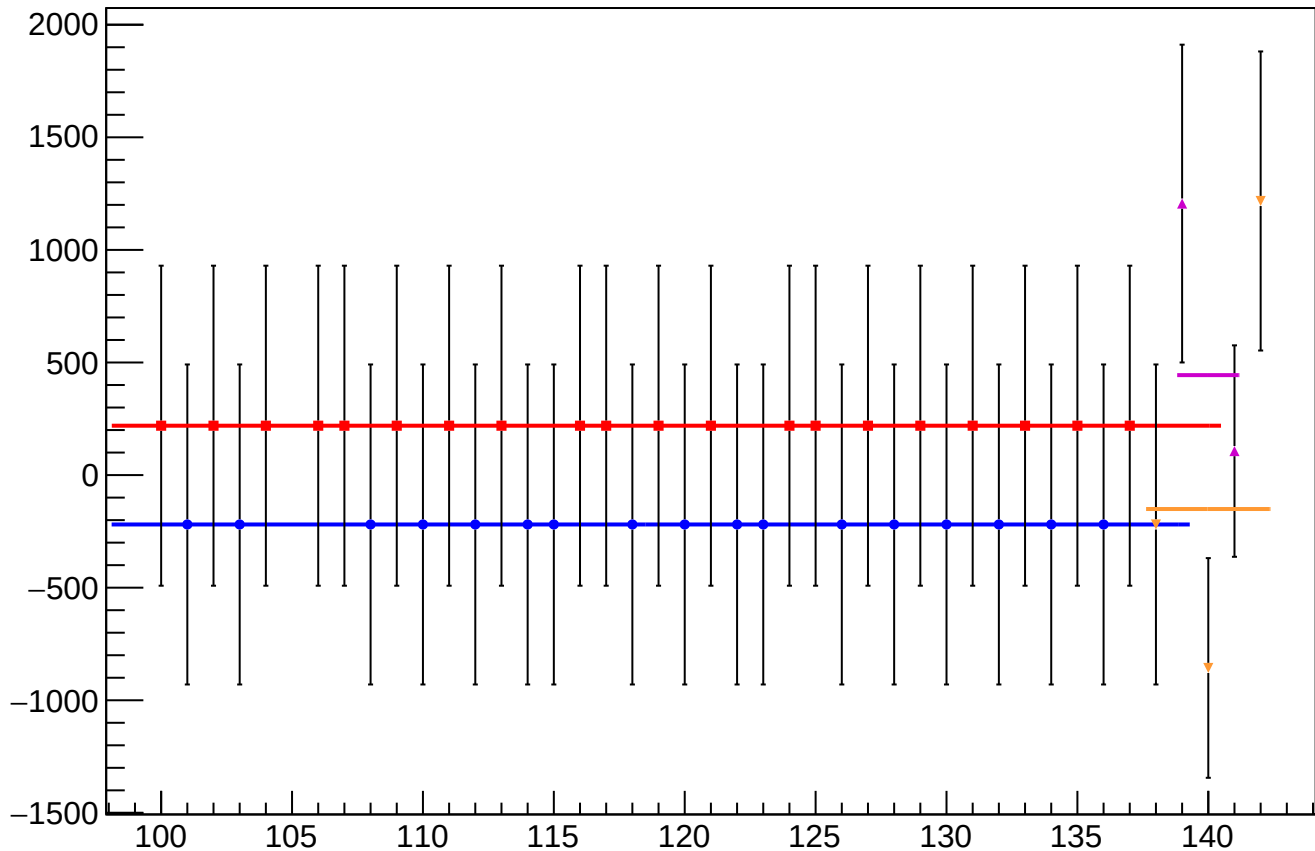
Left In: 489.723 $\pm$ 0.276 χ^2 /NDF:115529.9/1

592.662 $\pm$ 0.112 χ^2 /NDF: 393024.8/19

598.283 $\pm$ 0.077 χ^2 /NDF: 713358.9/41

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: -150.691 ± 343.995 χ^2/NDF : 6.3/2

Right Out: 219.315 ± 158.893 χ^2/NDF : 0.0/19

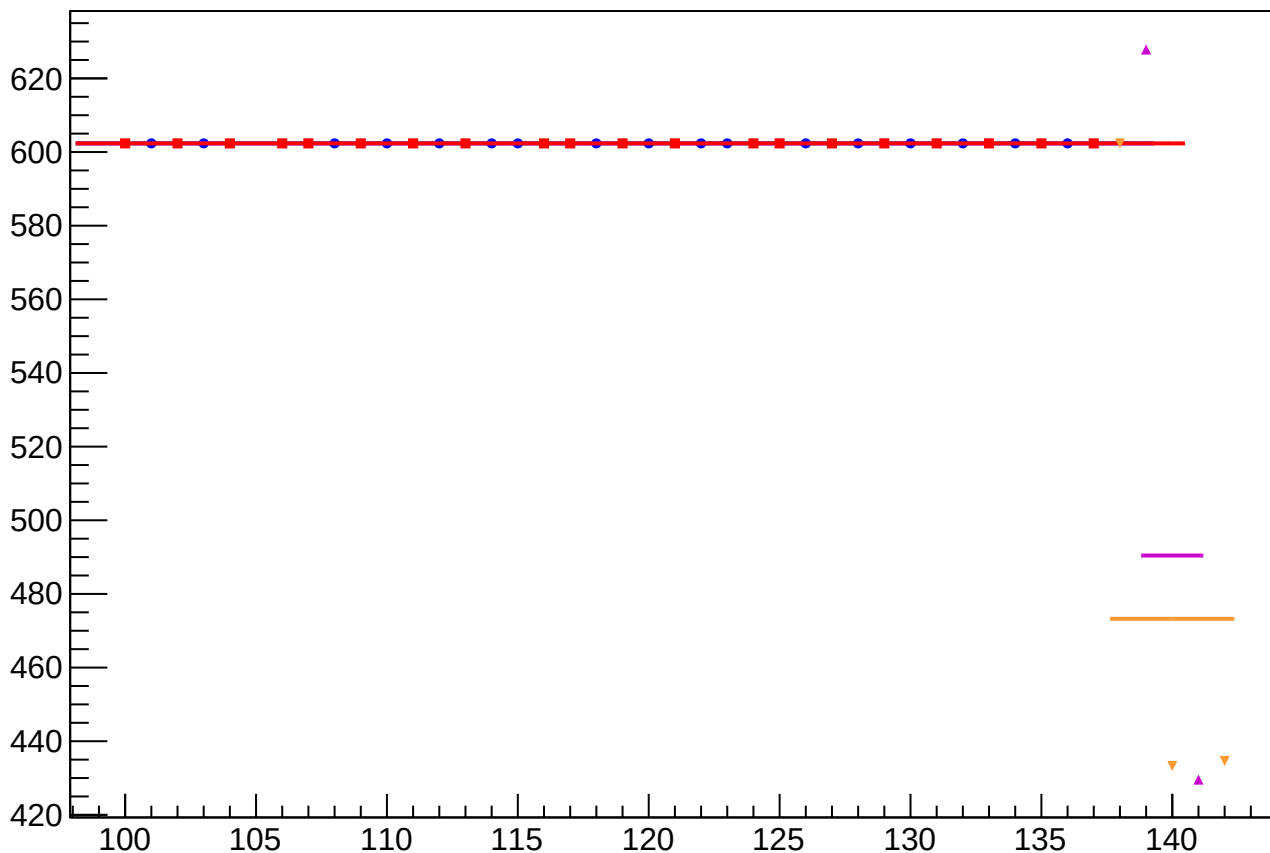
Left In: 443.925 ± 390.883 χ^2/NDF : 1.7/1

-205.546 ± 154.087 χ^2/NDF : 6.4/19

33.250 ± 106.436 χ^2/NDF : 12.9/41

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: 473.243 $\pm$ 0.243 χ^2 /NDF: 86233.6/2

Right Out: 602.349 $\pm$ 0.112 χ^2 /NDF: 0.0/19

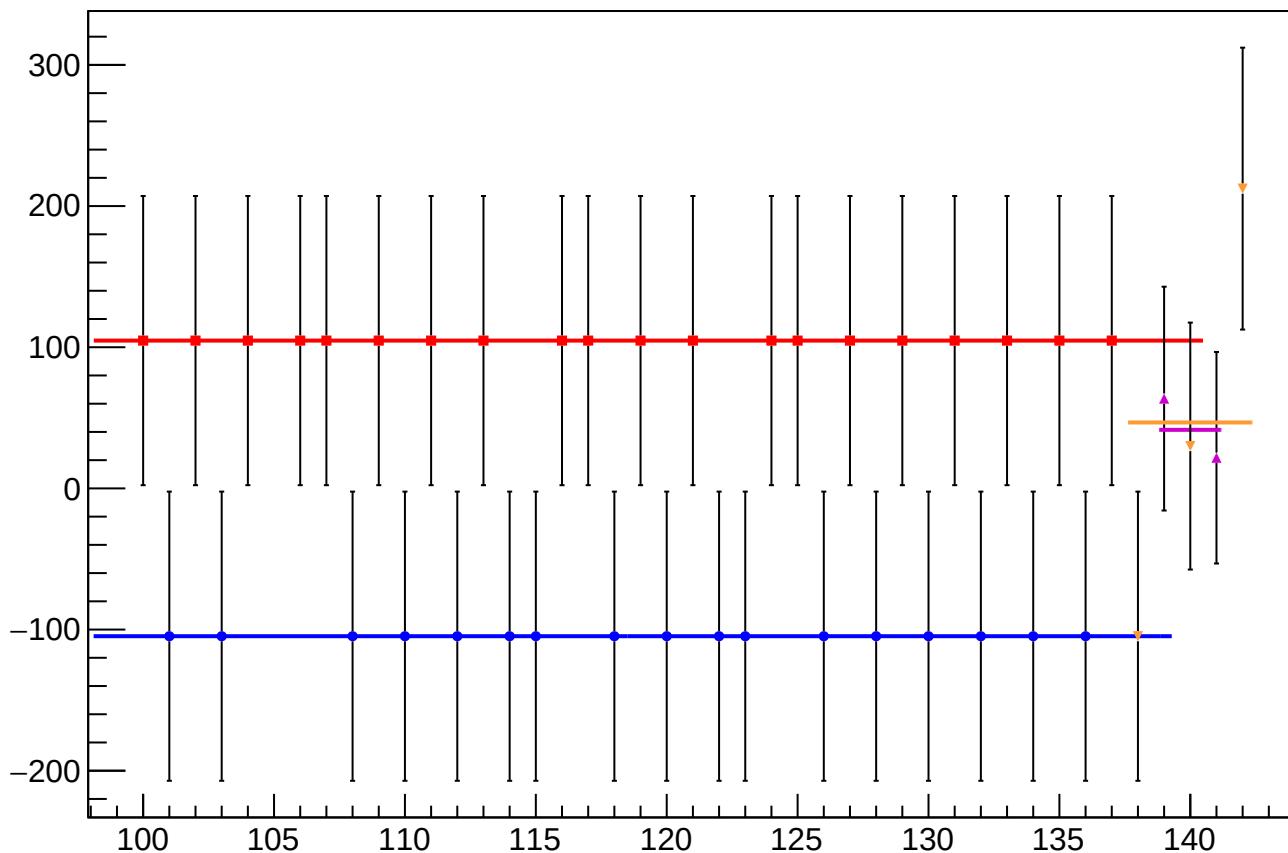
Left In: 490.422 $\pm$ 0.276 χ^2 /NDF: 109434.8/1

576.444 $\pm$ 0.109 χ^2 /NDF: 311427.2/19

581.690 $\pm$ 0.075 χ^2 /NDF: 566025.0/41

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: 46.699 $\pm$ 55.359 χ^2 /NDF:5.0/2

Right Out: 104.707 $\pm$ 22.905 χ^2 /NDF: 0.0/19

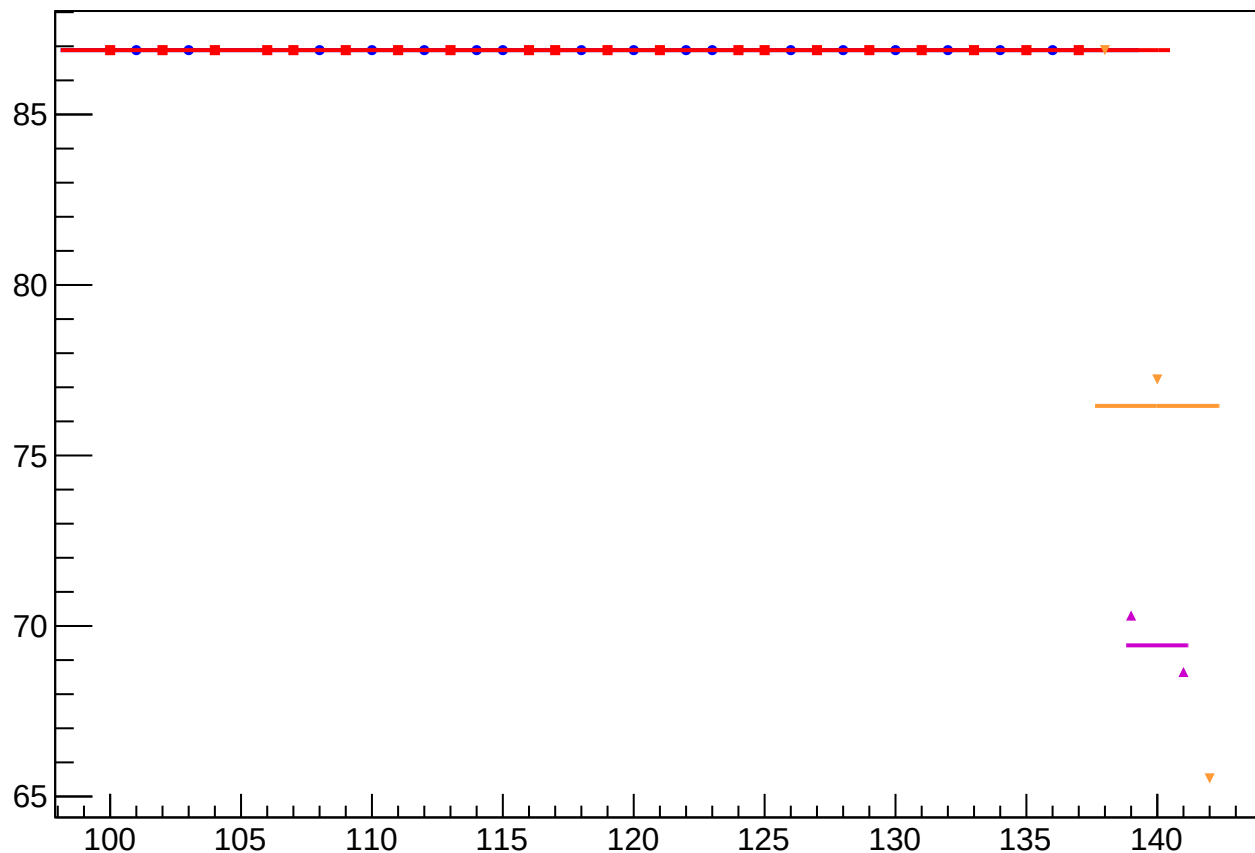
Left In: 41.484 $\pm$ 54.458 χ^2 /NDF:0.1/1

-79.326 $\pm$ 22.666 χ^2 /NDF: 11.2/19

14.121 $\pm$ 15.449 χ^2 /NDF: 44.2/41

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: 76.454 $\pm$ 0.039 χ^2 /NDF: 44837.7/2

Right Out: 86.887 $\pm$ 0.016 χ^2 /NDF: 0.0/19

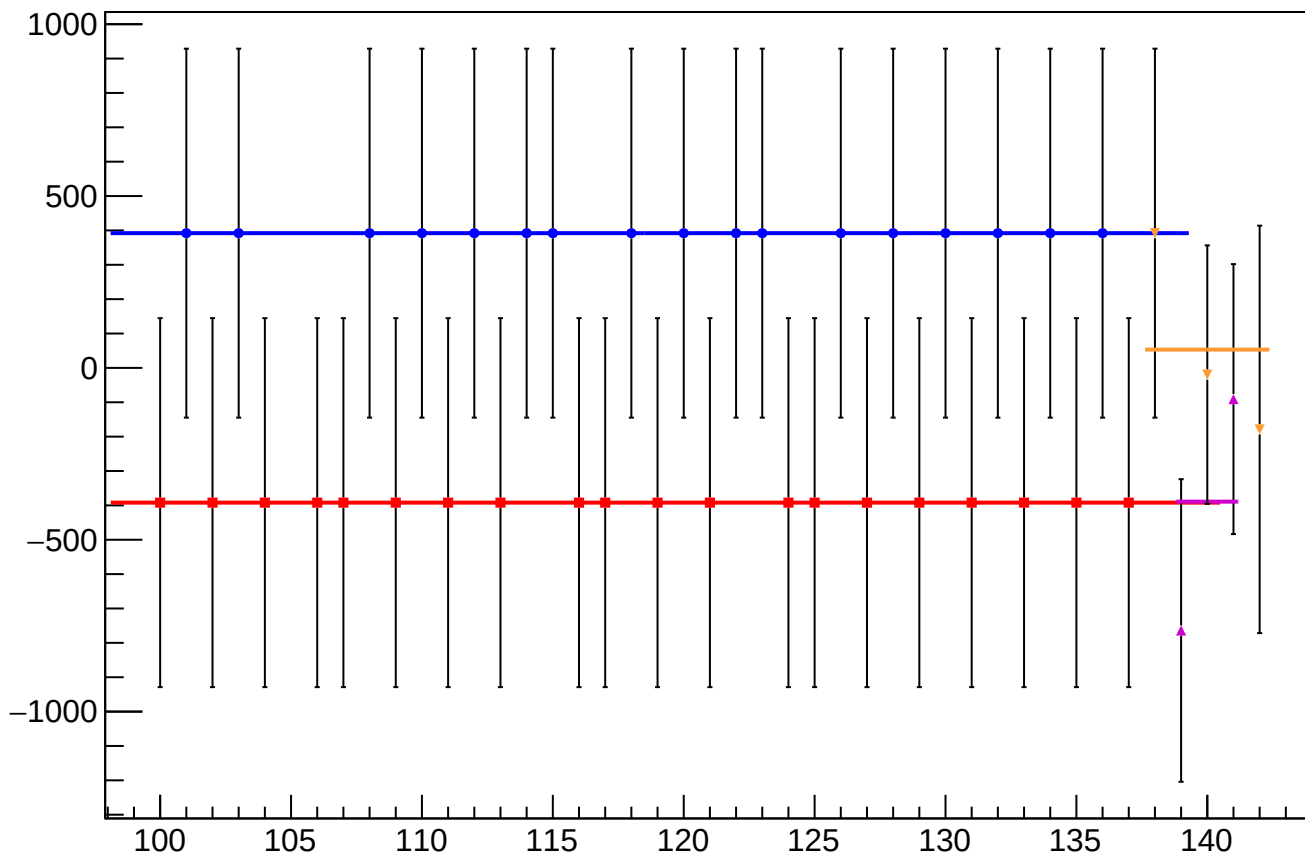
Left In: 69.432 $\pm$ 0.039 χ^2 /NDF: 460.3/1

85.138 $\pm$ 0.016 χ^2 /NDF: 103958.9/19

84.670 $\pm$ 0.011 χ^2 /NDF: 280592.3/41

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 χ^2/NDF : 0.0/16

Left Out: 53.247+/-273.303 χ^2/NDF : 0.6/2

Right Out: -392.019+/-120.028 χ^2/NDF : 0.0/19

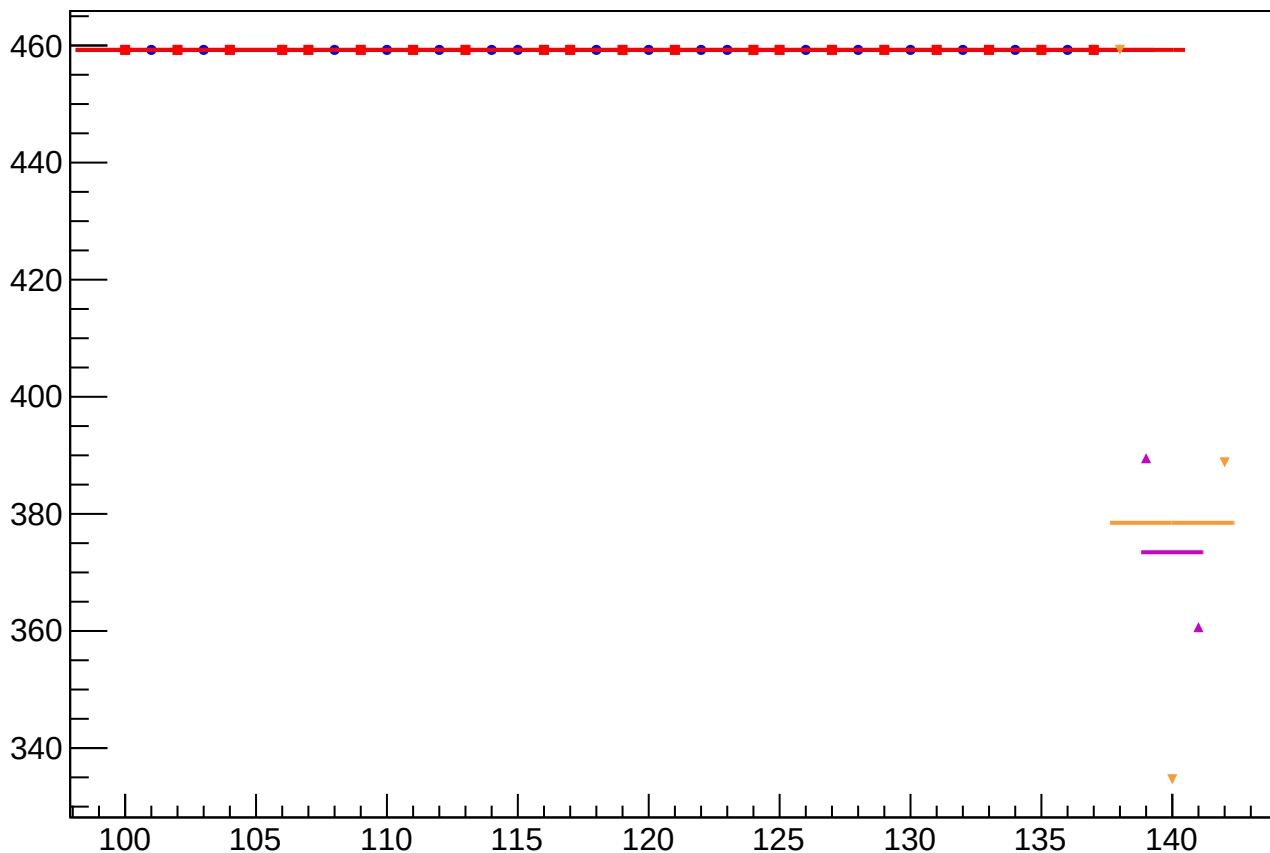
Left In: -389.171+/-293.078 χ^2/NDF : 1.3/1

329.365+/-117.535 χ^2/NDF : 1.8/19

-51.482+/-80.728 χ^2/NDF : 23.0/41

-391.610+/-111.074 χ^2/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: 378.476 $\pm$ 0.193 χ^2 /NDF: 73020.8/2

Right Out: 459.249 $\pm$ 0.085 χ^2 /NDF: 0.0/19

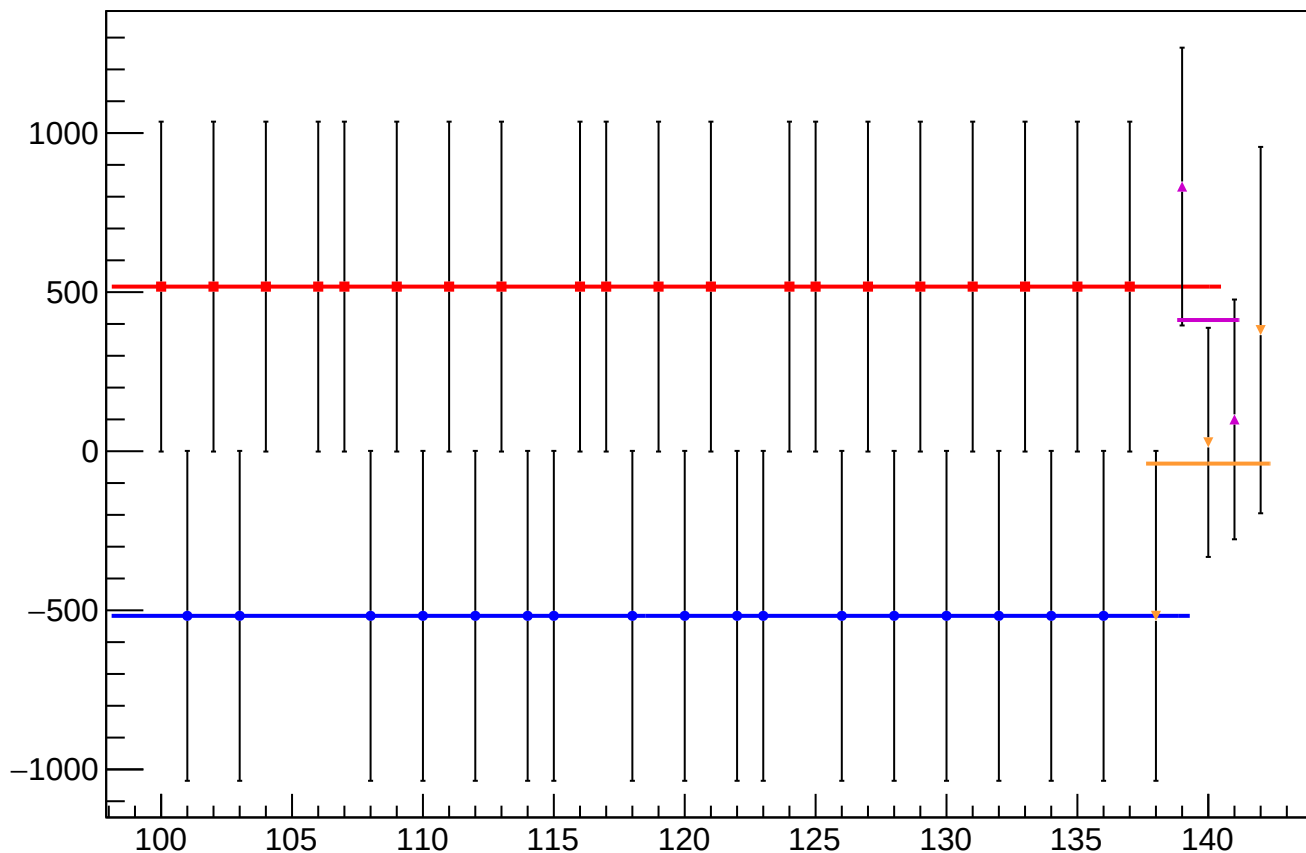
Left In: 373.447 $\pm$ 0.207 χ^2 /NDF: 4782.4/1

444.310 $\pm$ 0.083 χ^2 /NDF: 215402.1/19

445.691 $\pm$ 0.057 χ^2 /NDF: 367503.4/41

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 ± 125.736 χ^2/NDF : 0.0/16

Left Out: -38.889 ± 263.054 χ^2/NDF : 1.4/2

Right Out: 517.375 ± 115.923 χ^2/NDF : 0.0/19

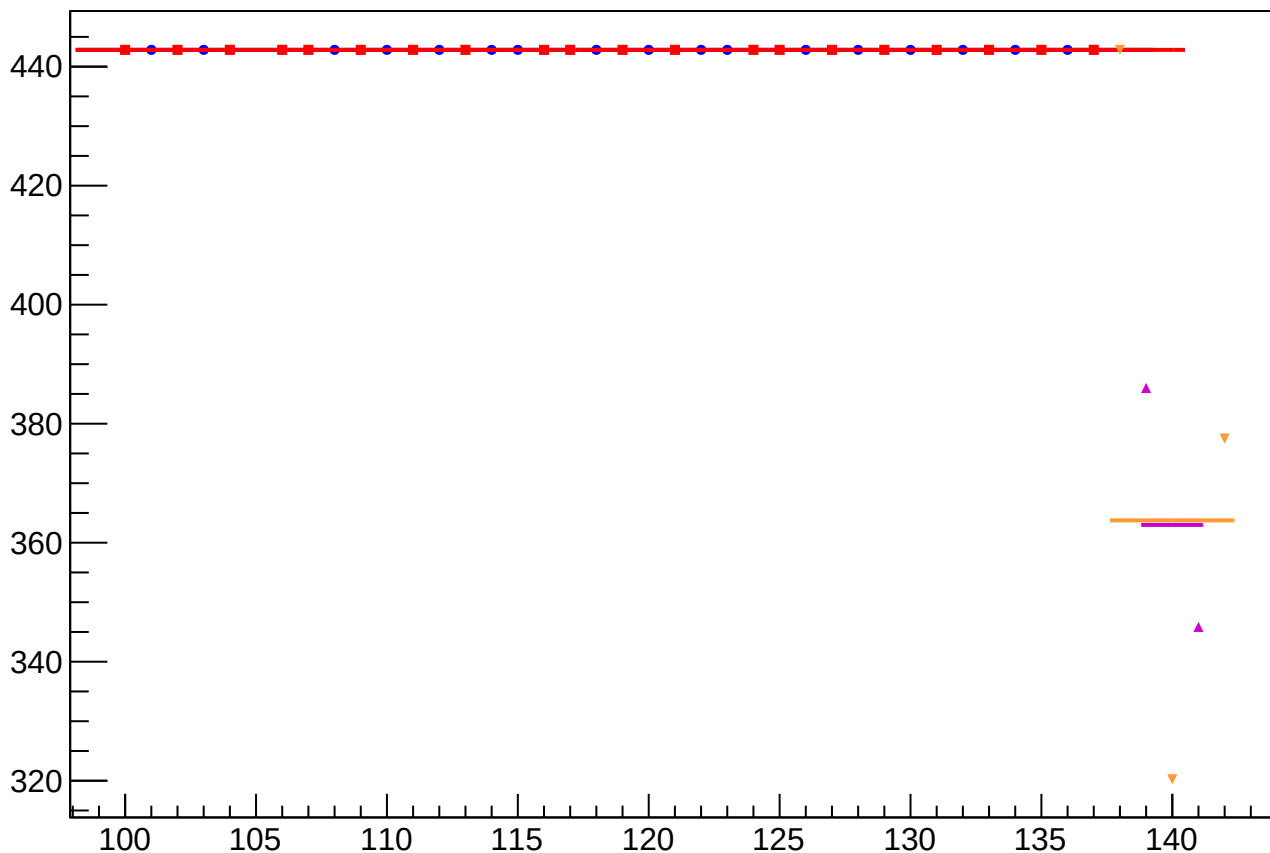
Left In: 412.402 ± 285.228 χ^2/NDF : 1.6/1

-428.386 ± 113.443 χ^2/NDF : 4.1/19

62.540 ± 77.989 χ^2/NDF : 41.3/41

502.494 ± 107.392 χ^2/NDF : 1.7/21

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 442.822 $\pm$ 0.089 χ^2 /NDF: 0.0/16

Left Out: 363.754 $\pm$ 0.186 χ^2 /NDF: 76869.3/2

Right Out: 442.822 $\pm$ 0.082 χ^2 /NDF: 0.0/19

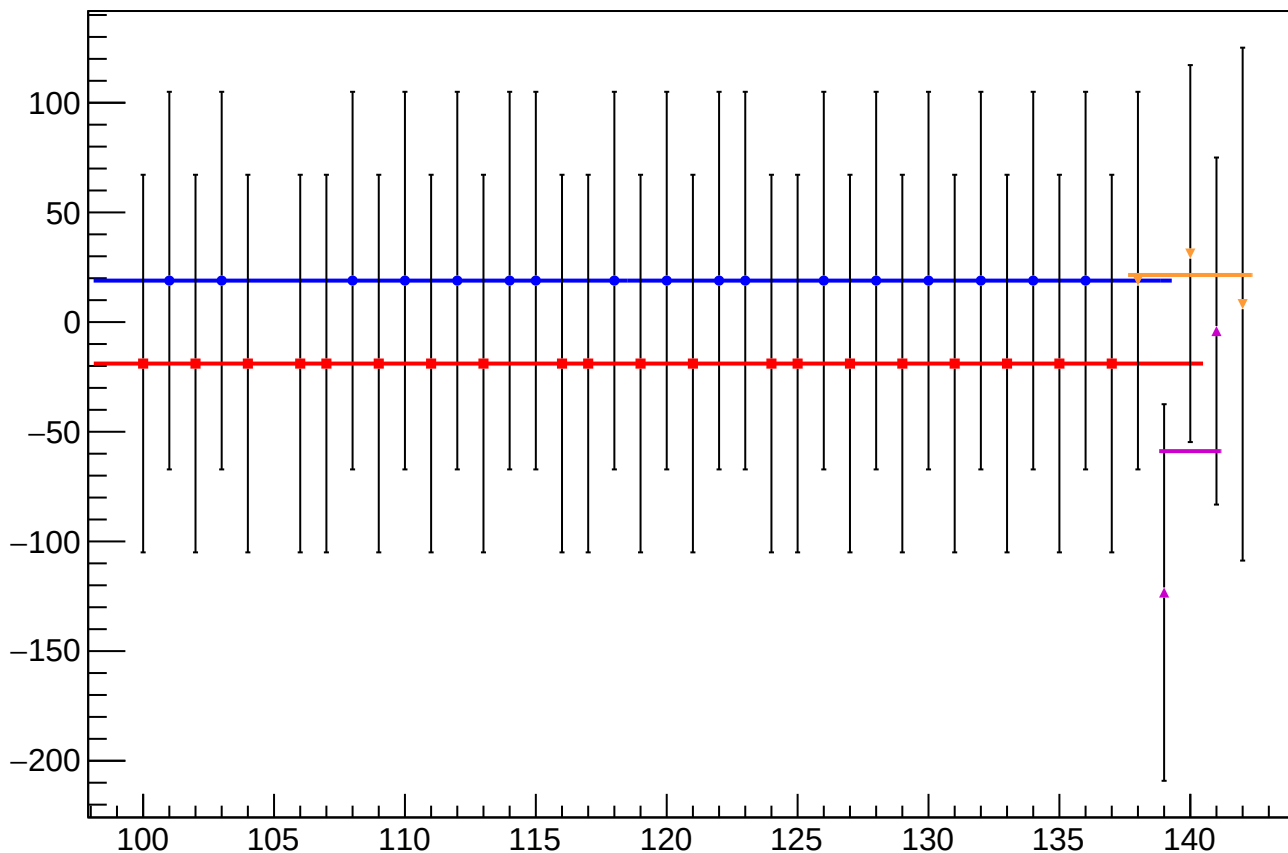
Left In: 362.989 $\pm$ 0.202 χ^2 /NDF: 9696.1/1

428.117 $\pm$ 0.080 χ^2 /NDF: 223957.3/19

429.903 $\pm$ 0.055 χ^2 /NDF: 369060.3/41

431.505 $\pm$ 0.076 χ^2 /NDF: 144162.4/21

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 18.911 ± 20.877 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 21.484 ± 53.953 $\chi^2/\text{NDF}: 0.0/2$

Right Out: -18.911 ± 19.247 $\chi^2/\text{NDF}: 0.0/19$

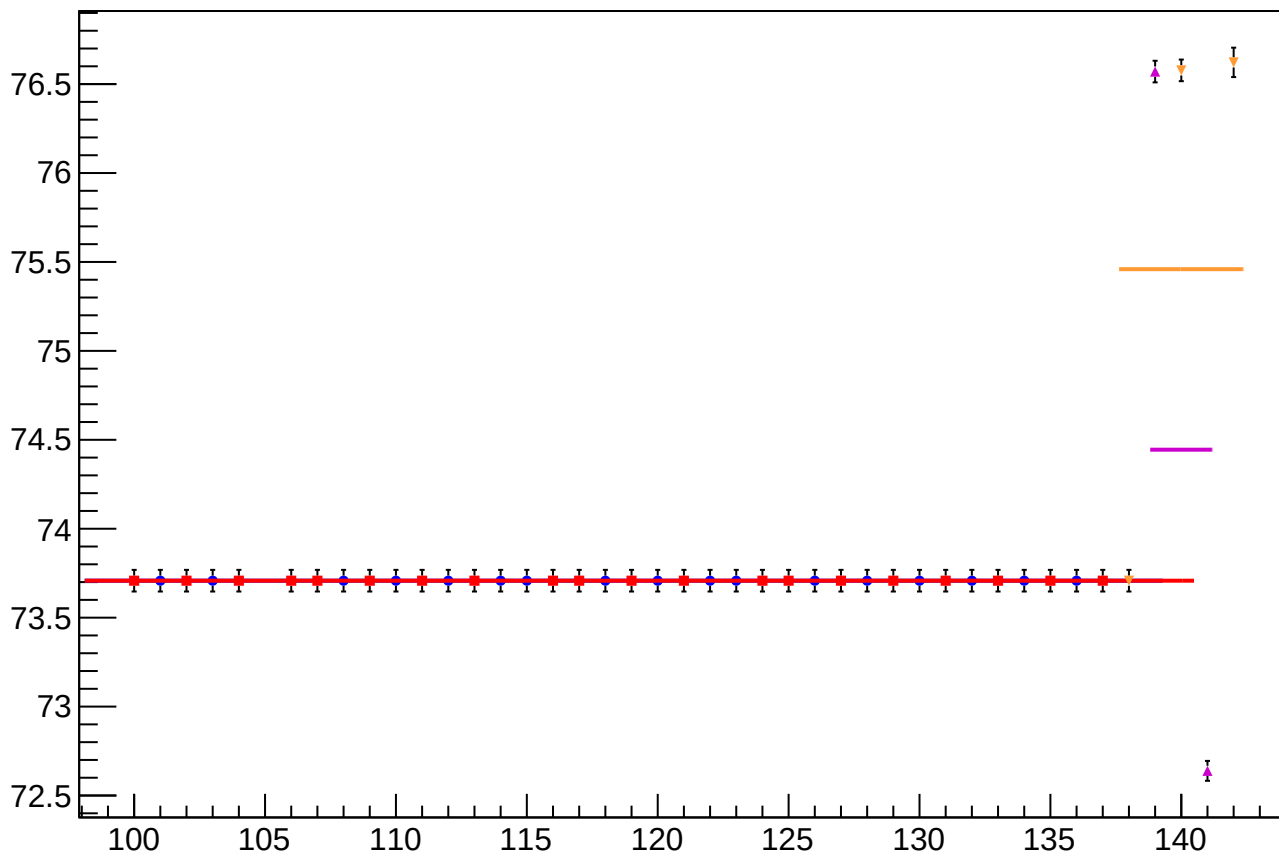
Left In: -58.831 ± 58.176 $\chi^2/\text{NDF}: 1.0/1$

19.246 ± 19.470 $\chi^2/\text{NDF}: 0.0/19$

-3.135 ± 13.324 $\chi^2/\text{NDF}: 4.0/41$

-22.850 ± 18.273 $\chi^2/\text{NDF}: 1.5/21$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 73.708 $\pm$ 0.015 χ^2 /NDF: 0.0/16

Left Out: 75.459 $\pm$ 0.038 χ^2 /NDF:1364.3/2

Right Out: 73.708 $\pm$ 0.014 χ^2 /NDF: 0.0/19

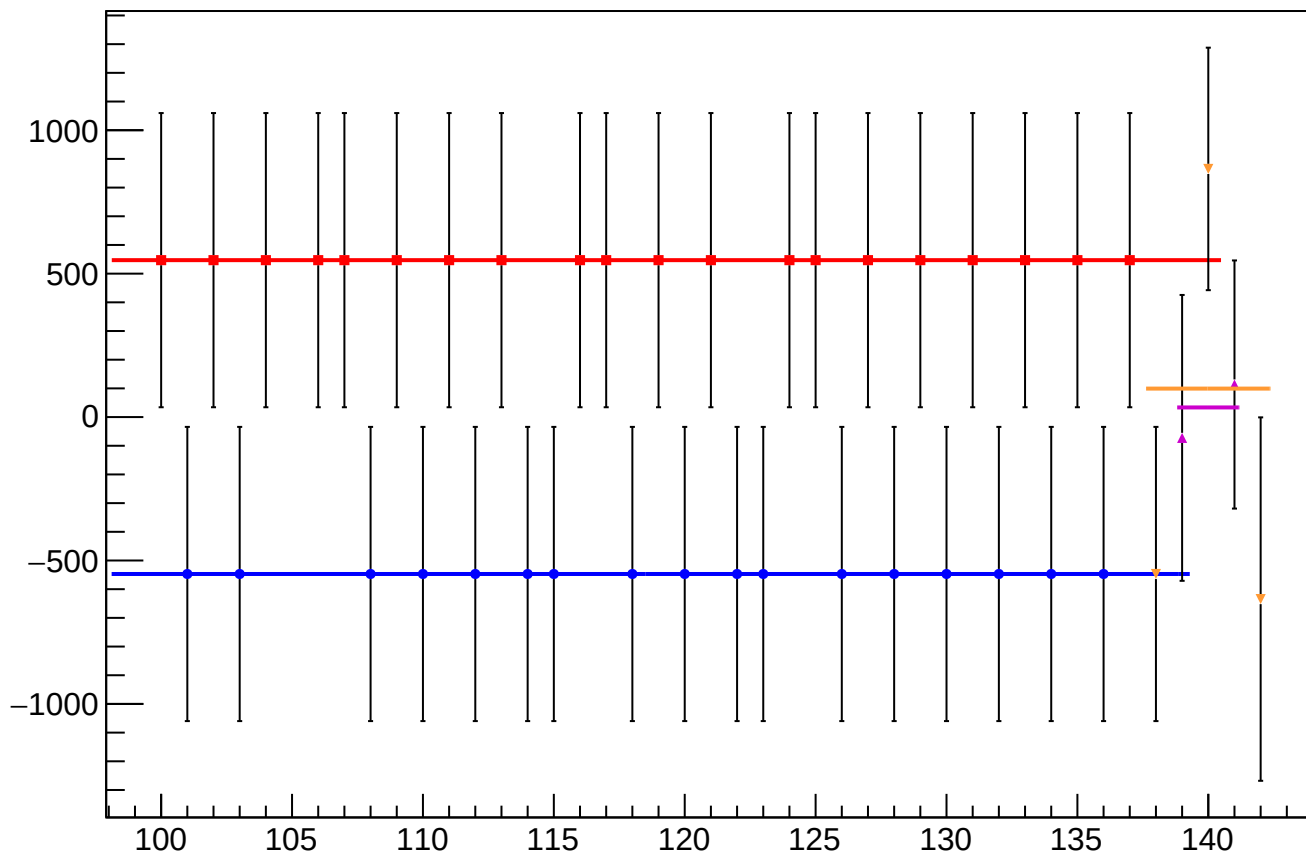
Left In: 74.444 $\pm$ 0.041 χ^2 /NDF:2268.6/1

73.936 $\pm$ 0.014 χ^2 /NDF: 3197.7/19

73.853 $\pm$ 0.009 χ^2 /NDF: 5823.0/41

73.781 $\pm$ 0.013 χ^2 /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: 99.268 $\pm$ 289.984 χ^2 /NDF: 6.2/2

Right Out: 547.029 $\pm$ 114.665 χ^2 /NDF: 0.0/19

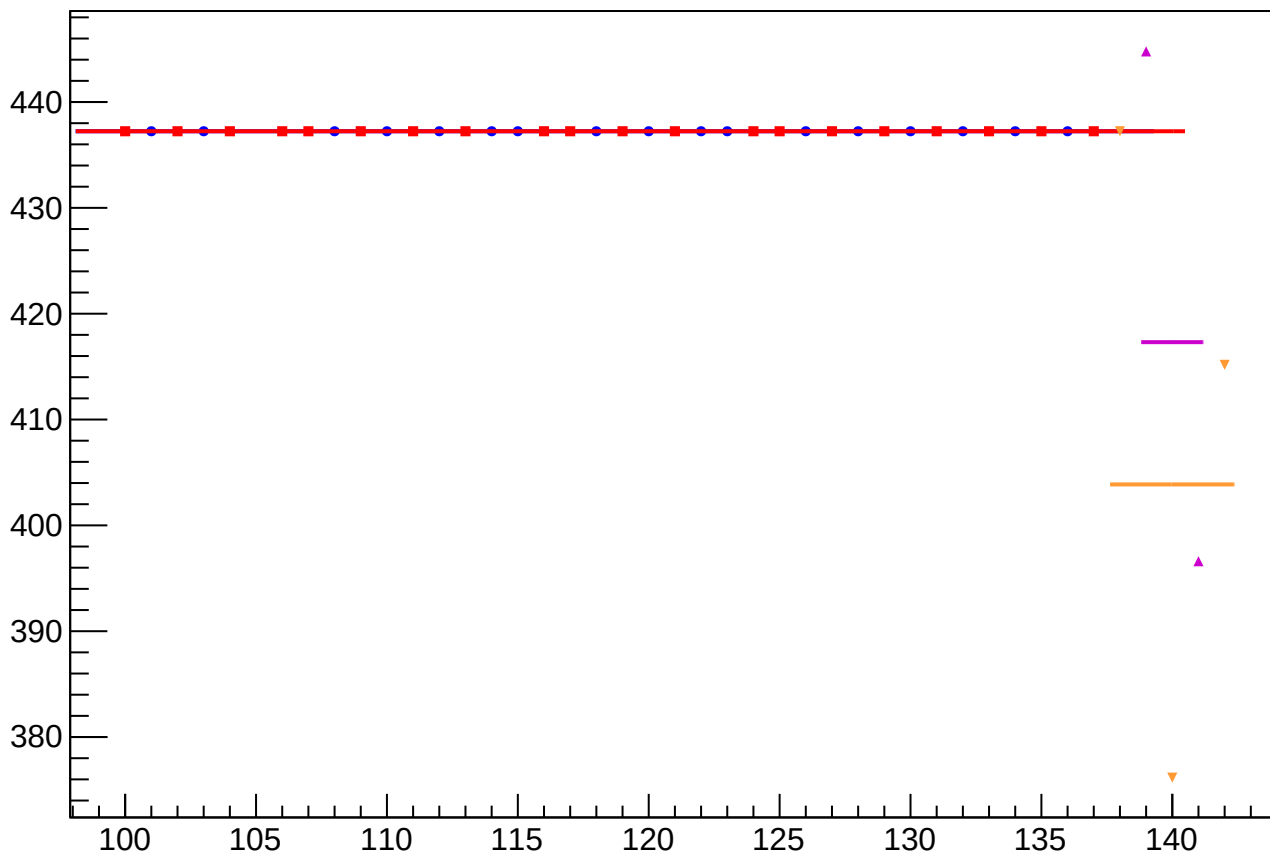
Left In: 33.552 $\pm$ 326.627 χ^2 /NDF: 0.1/1

-446.615 $\pm$ 114.302 χ^2 /NDF: 10.4/19

47.760 $\pm$ 78.575 χ^2 /NDF: 48.2/41

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: 403.868 $\pm$ 0.205 χ^2 /NDF:17697.2/2

Right Out: 437.238 $\pm$ 0.081 χ^2 /NDF: 0.0/19

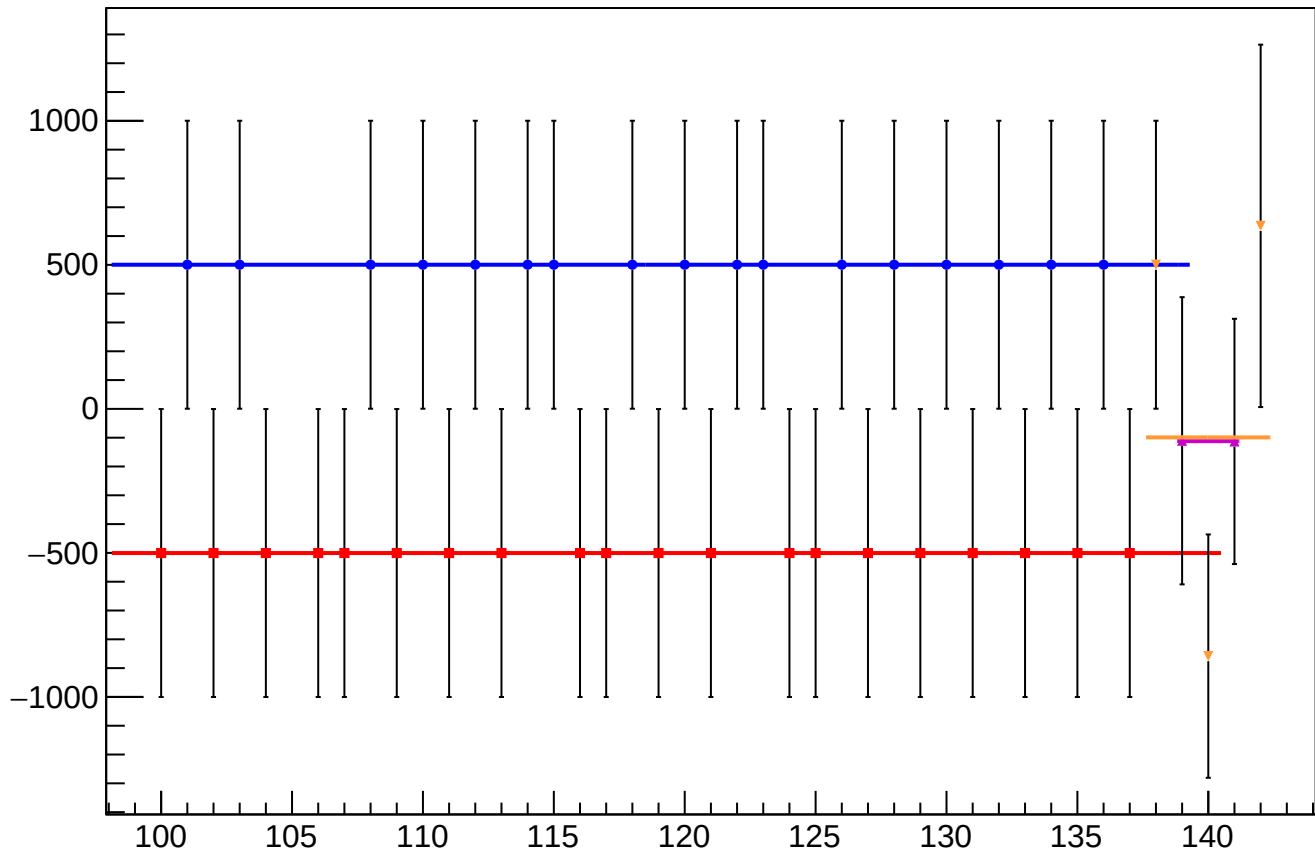
Left In: 417.311 $\pm$ 0.231 χ^2 /NDF:10660.6/1

432.054 $\pm$ 0.081 χ^2 /NDF: 40067.7/19

433.635 $\pm$ 0.056 χ^2 /NDF: 58081.9/41

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: -99.010 $\pm$ 287.098 χ^2 /NDF:6.0/2

Right Out: -500.448 $\pm$ 111.776 χ^2 /NDF: 0.0/19

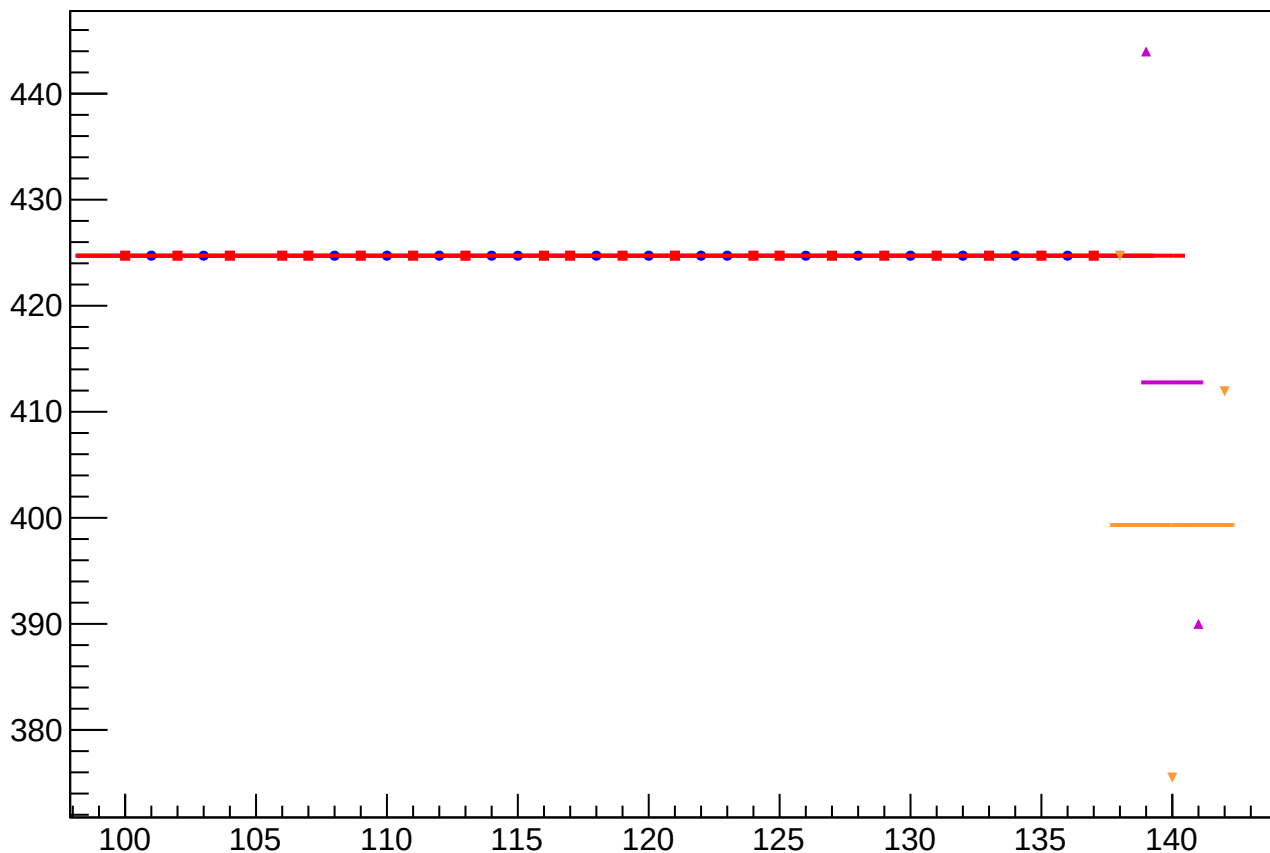
Left In: -112.035 $\pm$ 323.757 χ^2 /NDF:0.0/1

409.726 $\pm$ 111.688 χ^2 /NDF: 9.7/19

-48.769 $\pm$ 76.754 χ^2 /NDF: 43.0/41

-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: 399.325 $\pm$ 0.203 χ^2 /NDF:12325.0/2

Right Out: 424.721 $\pm$ 0.079 χ^2 /NDF: 0.0/19

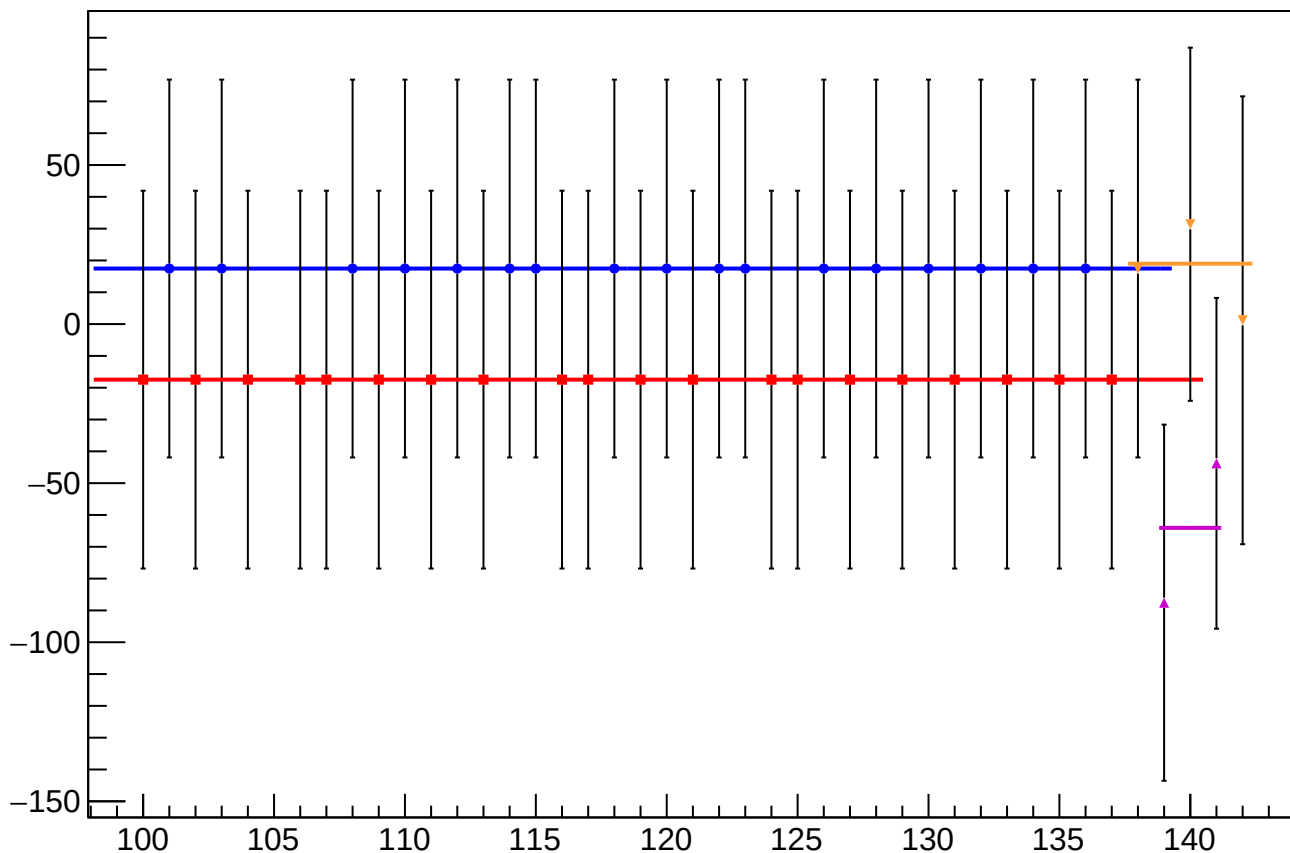
Left In: 412.771 $\pm$ 0.229 χ^2 /NDF:13557.9/1

420.877 $\pm$ 0.079 χ^2 /NDF: 25606.1/19

422.234 $\pm$ 0.054 χ^2 /NDF: 42157.7/41

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 $\pm$ 14.401 χ^2 /NDF: 0.0/16

Left Out: 18.987 $\pm$ 35.133 χ^2 /NDF: 0.1/2

Right Out: -17.458 $\pm$ 13.277 χ^2 /NDF: 0.0/19

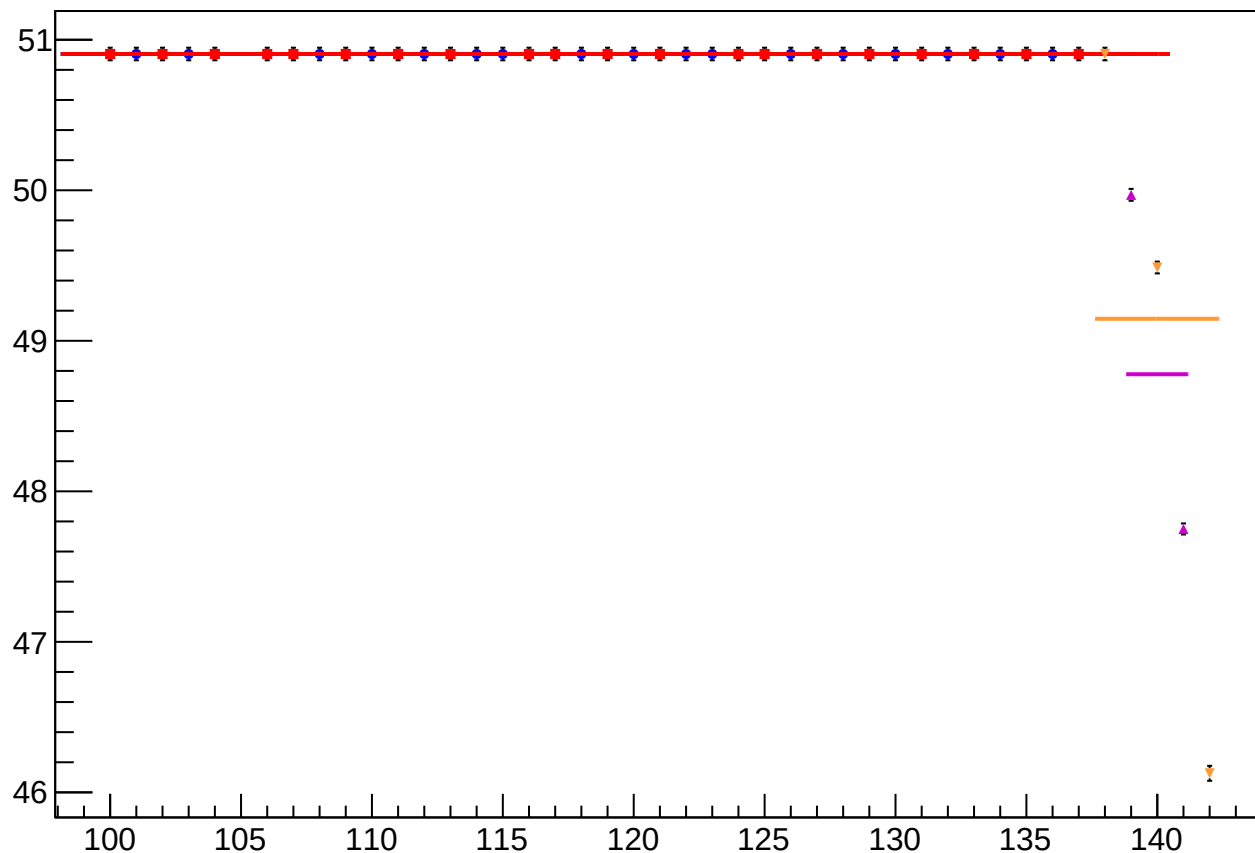
Left In: -64.052 $\pm$ 38.093 χ^2 /NDF: 0.3/1

17.678 $\pm$ 13.325 χ^2 /NDF: 0.1/19

-3.636 $\pm$ 9.131 χ^2 /NDF: 6.6/41

-22.505 $\pm$ 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: 49.146 $\pm$ 0.025 χ^2 /NDF: 5511.7/2

Right Out: 50.905 $\pm$ 0.009 χ^2 /NDF: 0.0/19

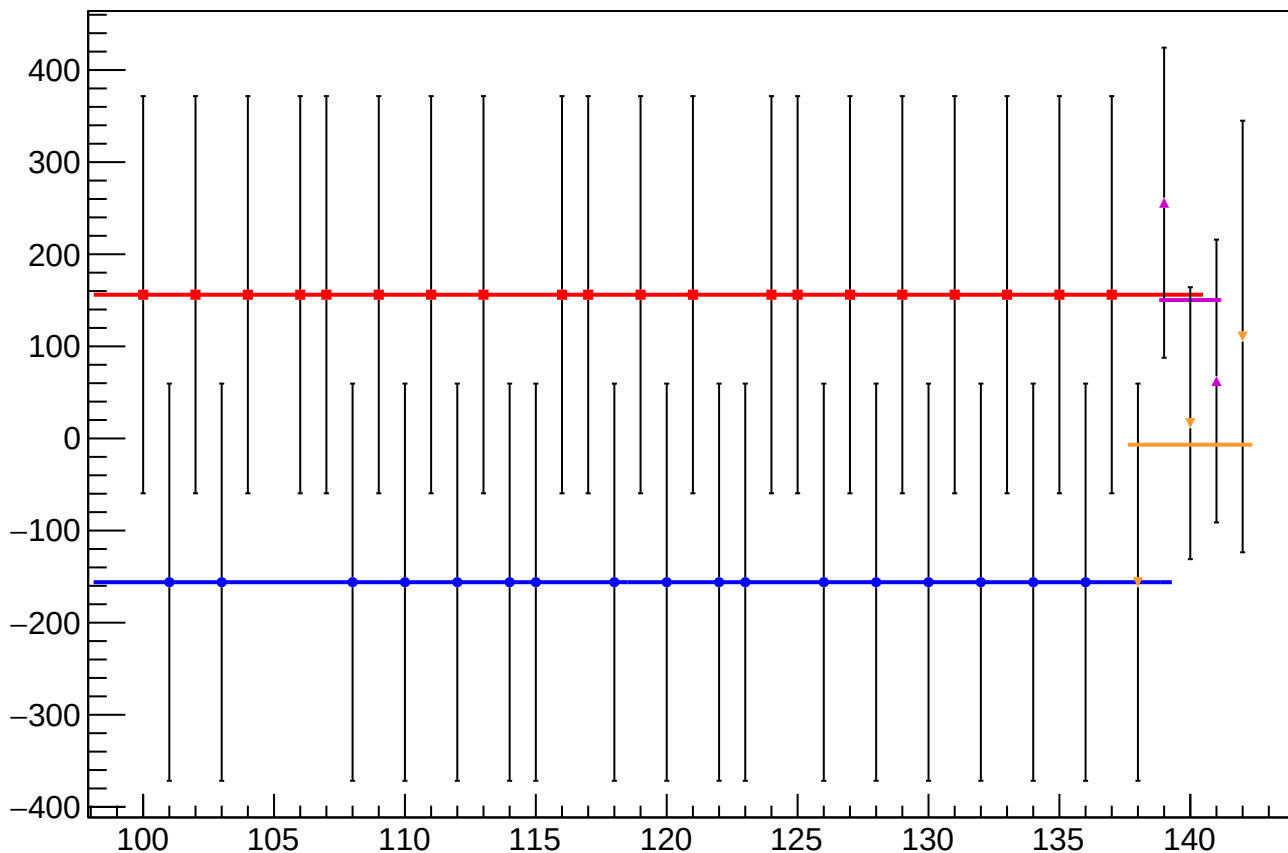
Left In: 48.778 $\pm$ 0.027 χ^2 /NDF: 1688.6/1

50.652 $\pm$ 0.009 χ^2 /NDF: 9804.2/19

50.664 $\pm$ 0.006 χ^2 /NDF: 17058.5/41

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: -6.773 $\pm$ 108.076 χ^2 /NDF: 0.8/2

Right Out: 156.062 $\pm$ 48.213 χ^2 /NDF: 0.0/19

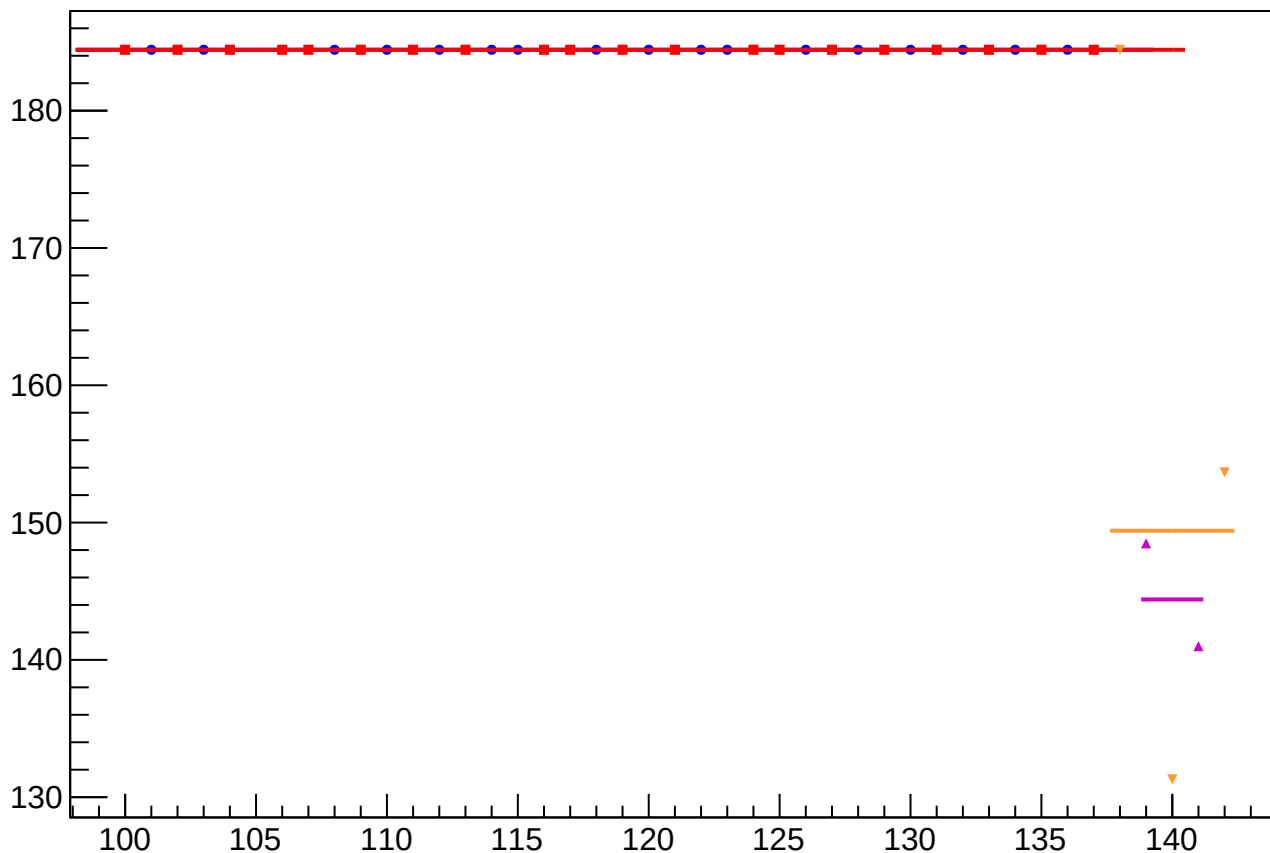
Left In: 150.288 $\pm$ 113.453 χ^2 /NDF: 0.7/1

-127.740 $\pm$ 47.073 χ^2 /NDF: 2.3/19

22.068 $\pm$ 32.289 χ^2 /NDF: 22.2/41

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: 149.406 $\pm$ 0.076 χ^2 /NDF:83545.7/2

Right Out: 184.437 $\pm$ 0.034 χ^2 /NDF: 0.0/19

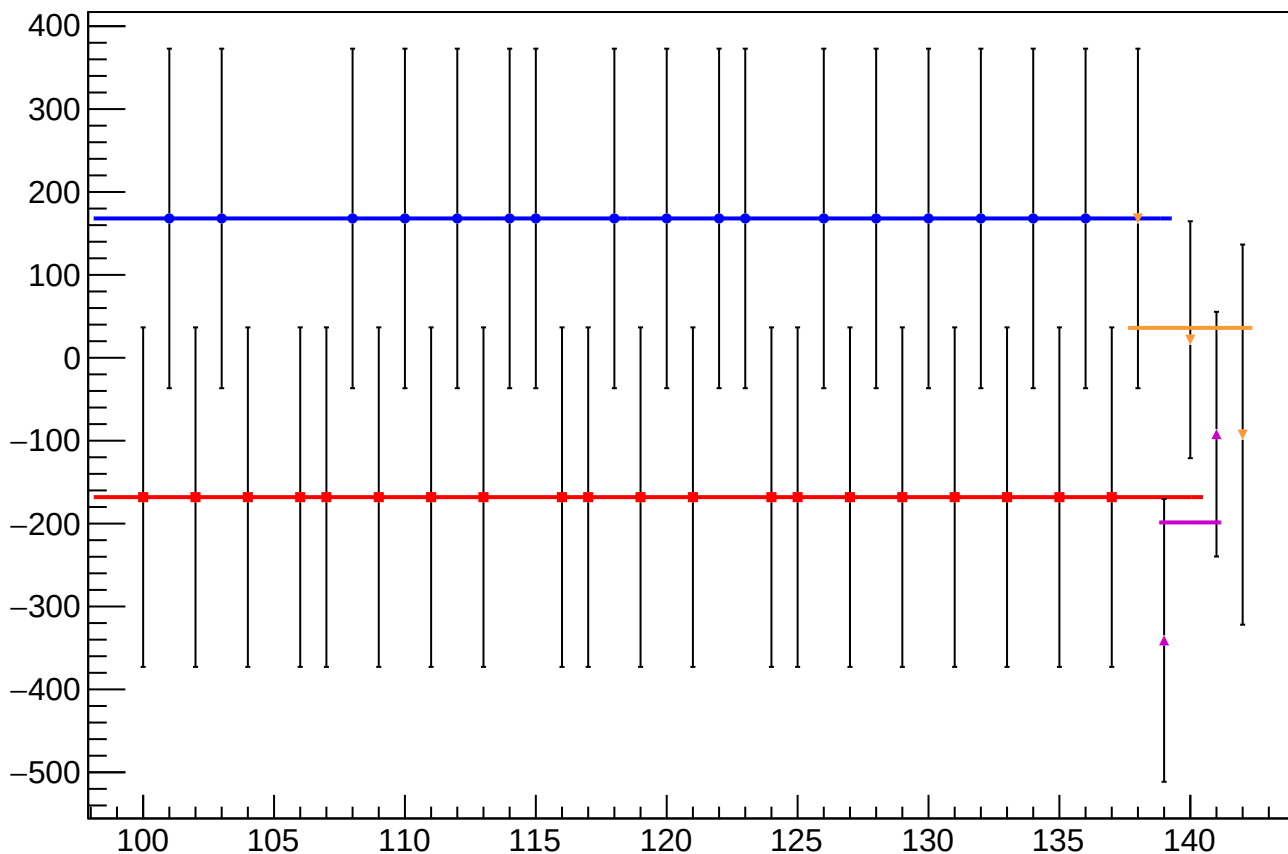
Left In: 144.401 $\pm$ 0.080 χ^2 /NDF:2162.6/1

177.791 $\pm$ 0.033 χ^2 /NDF: 253806.7/19

178.067 $\pm$ 0.023 χ^2 /NDF: 467052.4/41

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 $\pm$ 49.667 χ^2 /NDF: 0.0/16

Left Out: 36.071 $\pm$ 104.347 χ^2 /NDF: 0.7/2

Right Out: -168.090 $\pm$ 45.791 χ^2 /NDF: 0.0/19

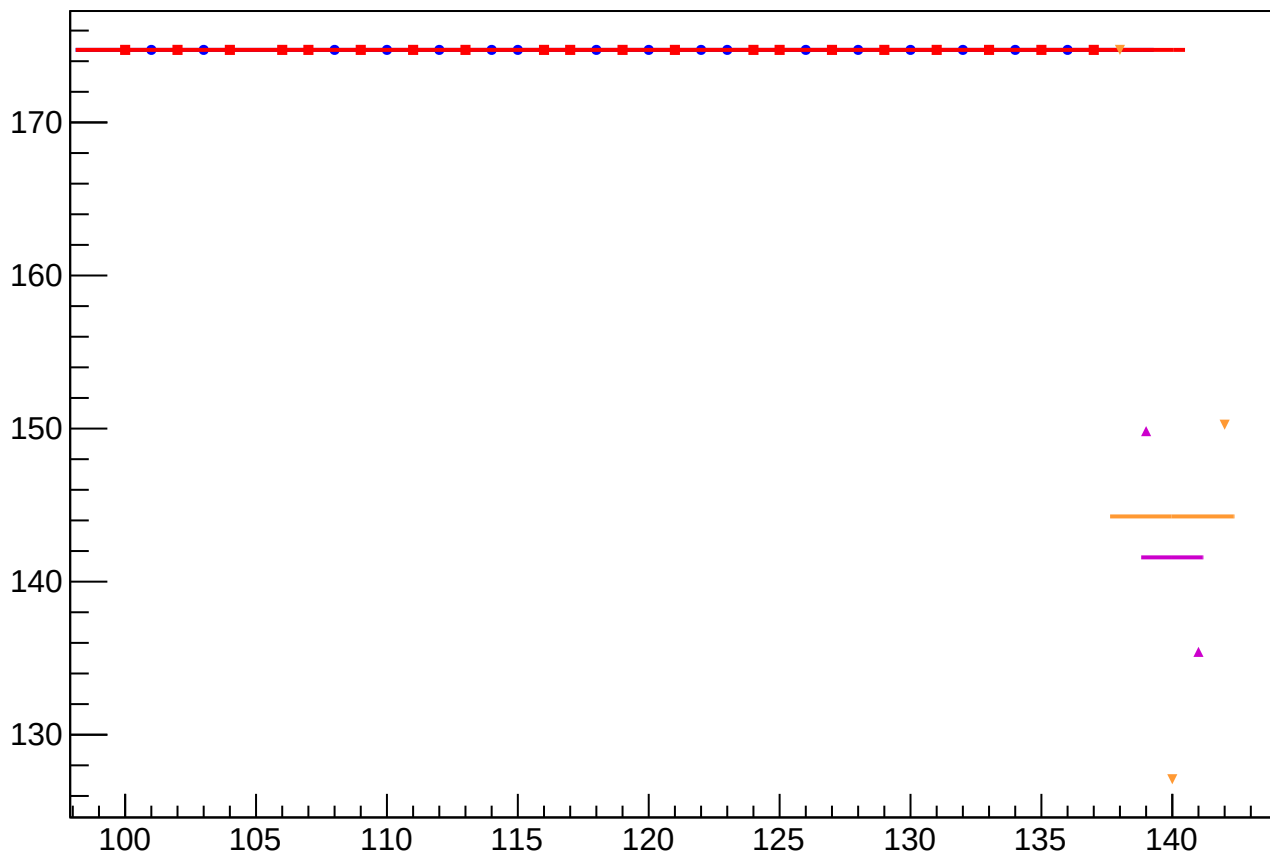
Left In: -198.601 $\pm$ 111.613 χ^2 /NDF: 1.2/1

143.705 $\pm$ 44.846 χ^2 /NDF: 2.0/19

-23.382 $\pm$ 30.796 χ^2 /NDF: 29.6/41

-172.486 $\pm$ 42.364 χ^2 /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: 144.260 $\pm$ 0.074 χ^2 /NDF: 74541.3/2

Right Out: 174.739 $\pm$ 0.032 χ^2 /NDF: 0.0/19

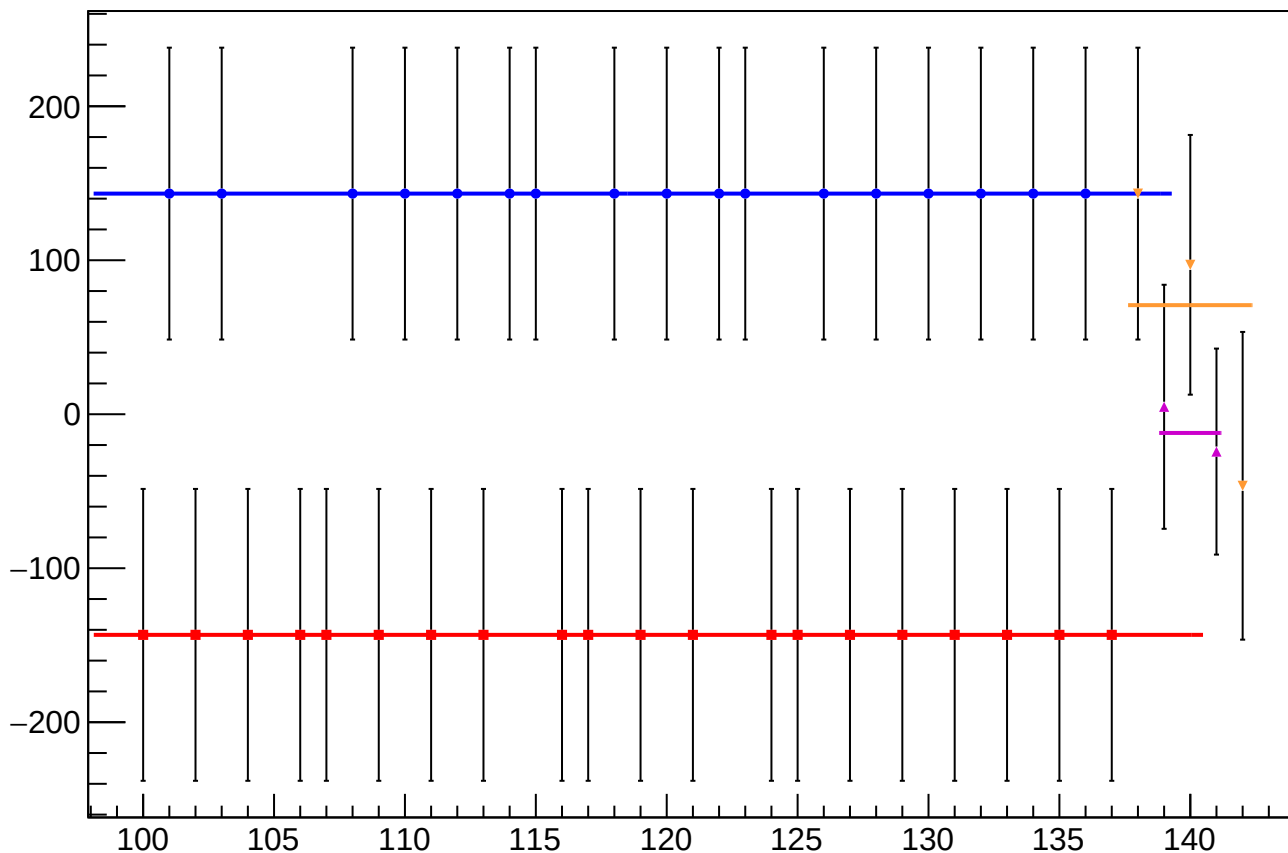
Left In: 141.586 $\pm$ 0.079 χ^2 /NDF: 8172.6/1

169.109 $\pm$ 0.032 χ^2 /NDF: 213657.2/19

169.560 $\pm$ 0.022 χ^2 /NDF: 373247.1/41

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: 70.836 $\pm$ 53.291 χ^2/NDF : 2.1/2

Right Out: -143.273 $\pm$ 21.191 χ^2/NDF : 0.0/19

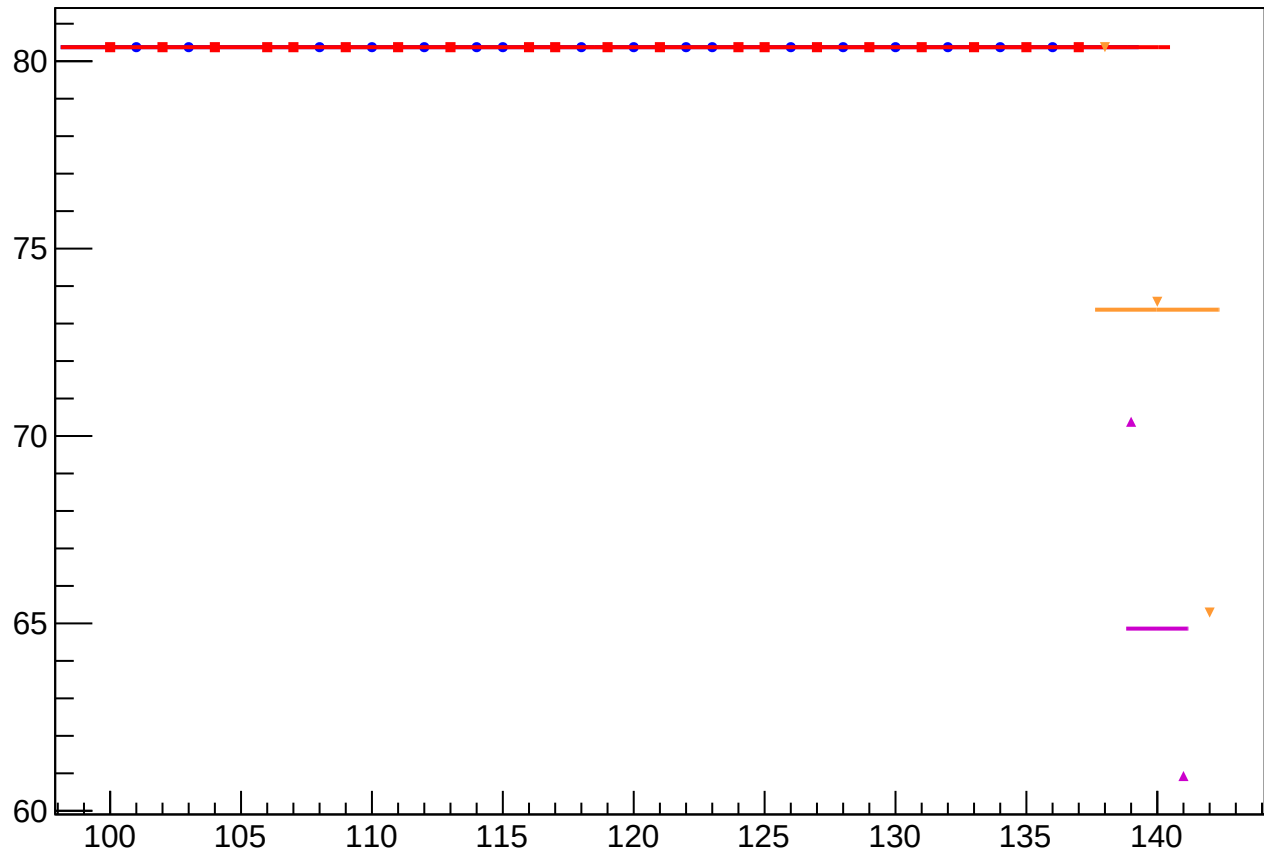
Left In: -12.154 $\pm$ 51.115 χ^2/NDF : 0.1/1

131.912 $\pm$ 21.106 χ^2/NDF : 3.6/19

-5.678 $\pm$ 14.352 χ^2/NDF : 88.4/41

-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: 73.371 $\pm$ 0.038 χ^2 /NDF:24016.8/2

Right Out: 80.374 $\pm$ 0.015 χ^2 /NDF: 0.0/19

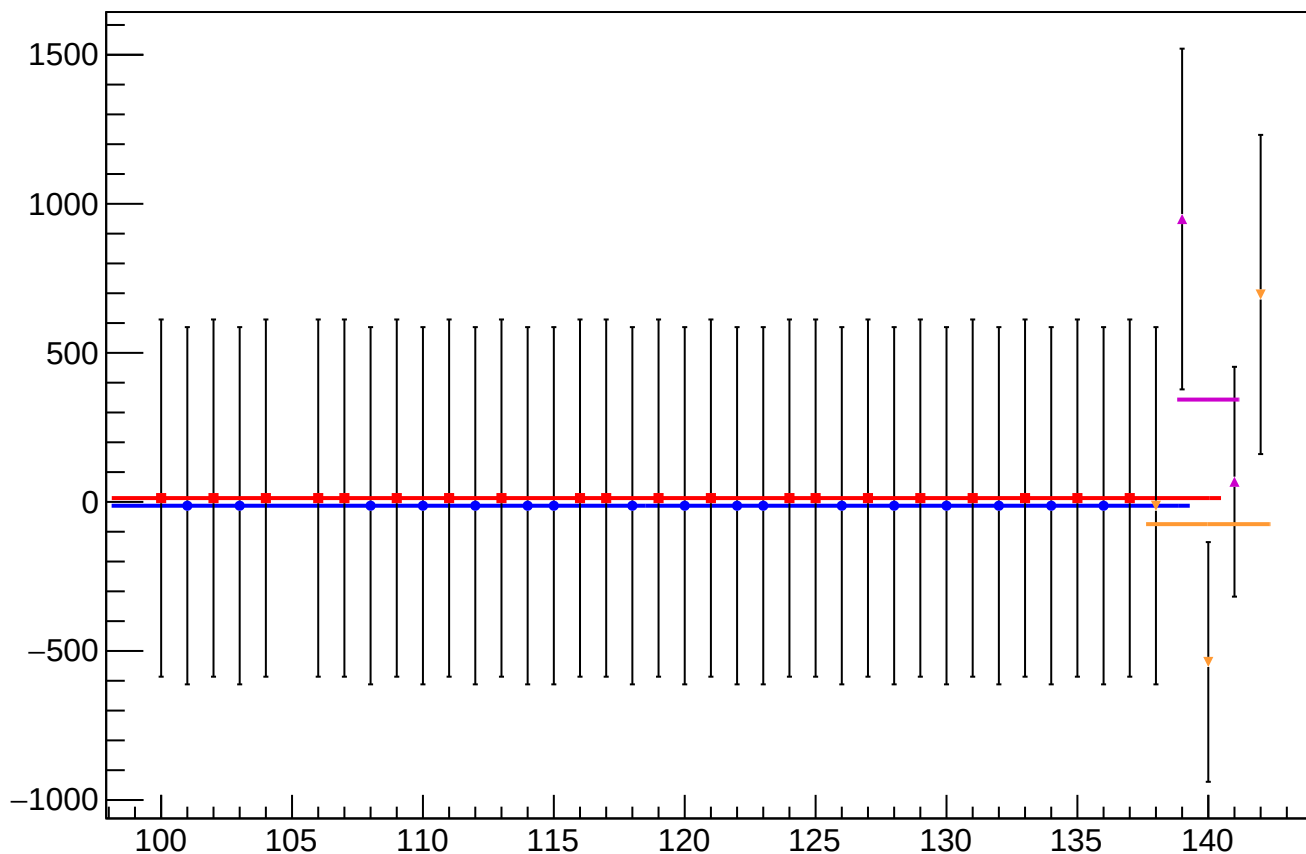
Left In: 64.861 $\pm$ 0.036 χ^2 /NDF:16616.4/1

79.276 $\pm$ 0.015 χ^2 /NDF: 53141.7/19

78.643 $\pm$ 0.010 χ^2 /NDF: 230295.5/41

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: -74.573 ± 283.291 χ^2/NDF : 3.4/2

Right Out: 12.832 ± 133.983 χ^2/NDF : 0.0/19

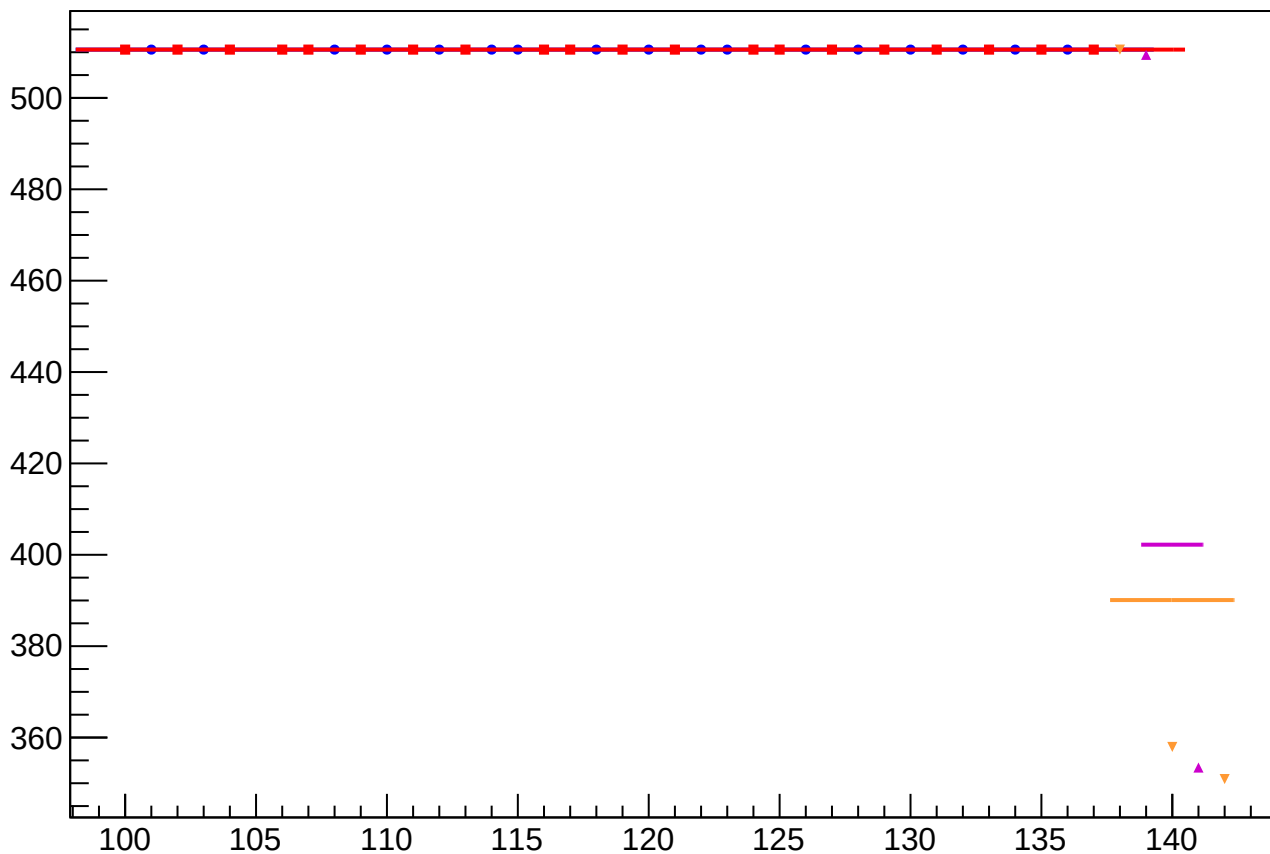
Left In: 343.291 ± 319.570 χ^2/NDF : 1.6/1

-25.695 ± 129.304 χ^2/NDF : 3.4/19

20.266 ± 89.333 χ^2/NDF : 6.2/41

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: 390.092 $\pm$ 0.200 χ^2 /NDF:104362.5/2

Right Out: 510.575 $\pm$ 0.095 χ^2 /NDF: 0.0/19

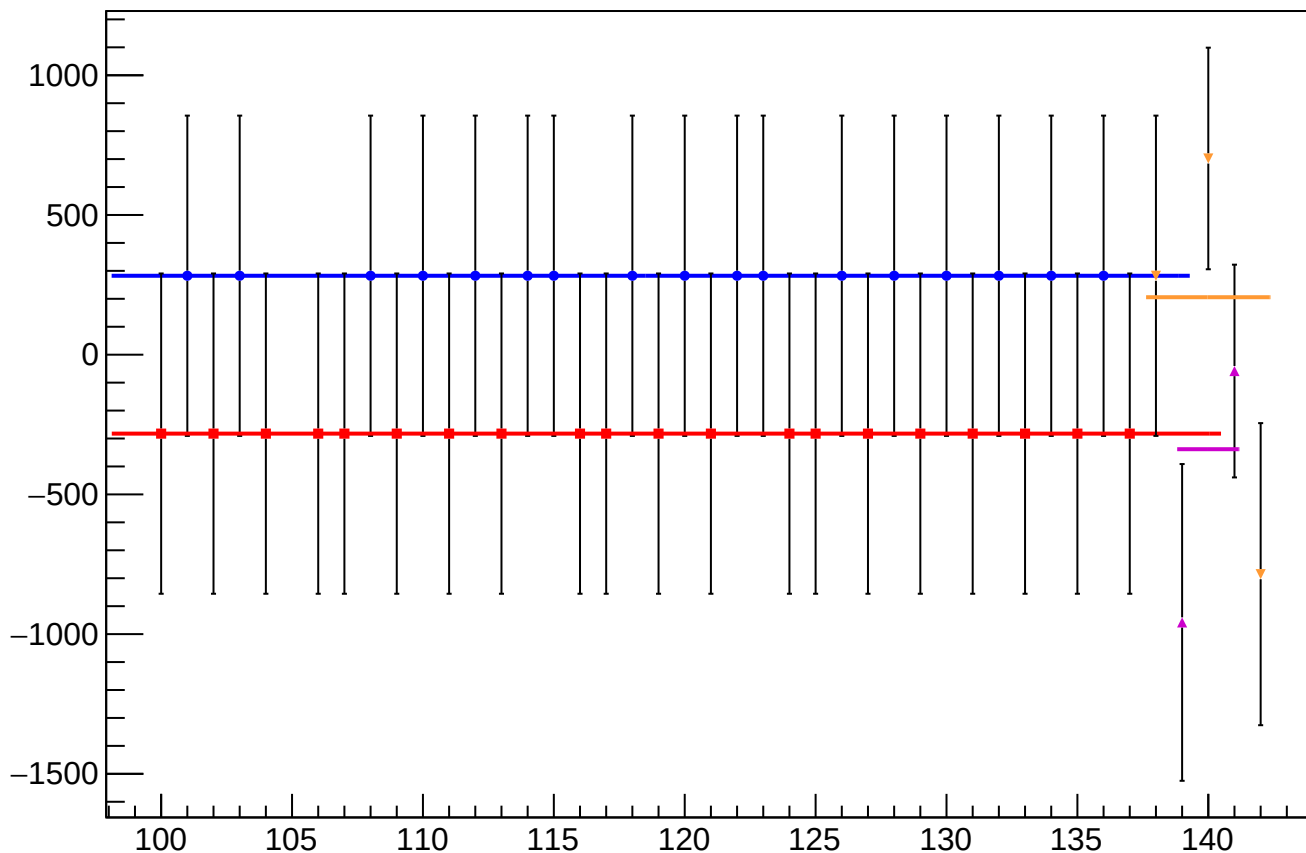
Left In: 402.213 $\pm$ 0.226 χ^2 /NDF:102419.4/1

485.474 $\pm$ 0.091 χ^2 /NDF: 390752.1/19

490.126 $\pm$ 0.063 χ^2 /NDF: 693702.9/41

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: 205.665 $\pm$ 279.214 χ^2/NDF : 4.9/2

Right Out: -282.465 $\pm$ 128.152 χ^2/NDF : 0.0/19

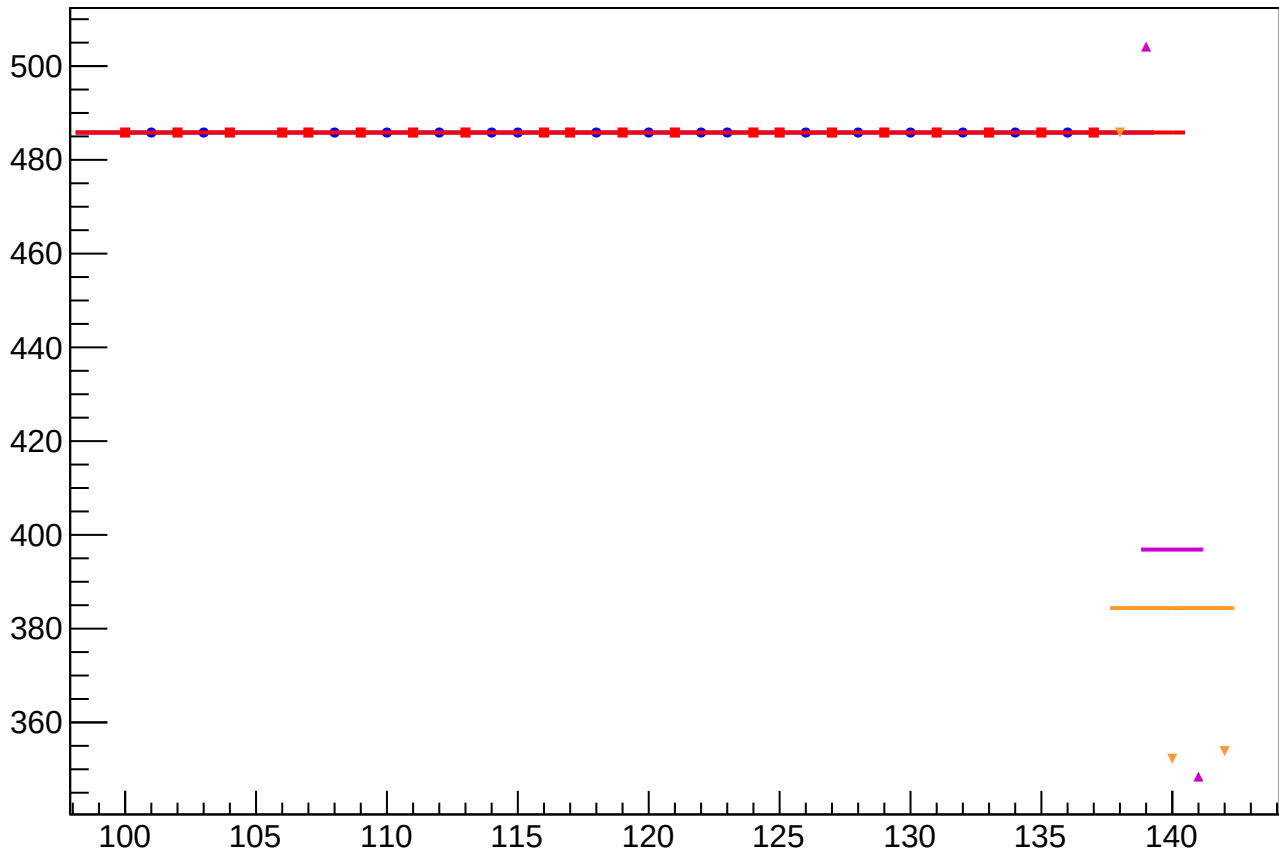
Left In: -338.243 $\pm$ 316.045 χ^2/NDF : 1.7/1

267.211 $\pm$ 124.433 χ^2/NDF : 5.0/19

-24.565 $\pm$ 85.912 χ^2/NDF : 17.3/41

-290.341 $\pm$ 118.760 χ^2/NDF : 1.8/21

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 485.828 $\pm$ 0.098 χ^2 /NDF: 0.0/16

Left Out: 384.387 $\pm$ 0.197 χ^2 /NDF: 82170.4/2

Right Out: 485.828 $\pm$ 0.091 χ^2 /NDF: 0.0/19

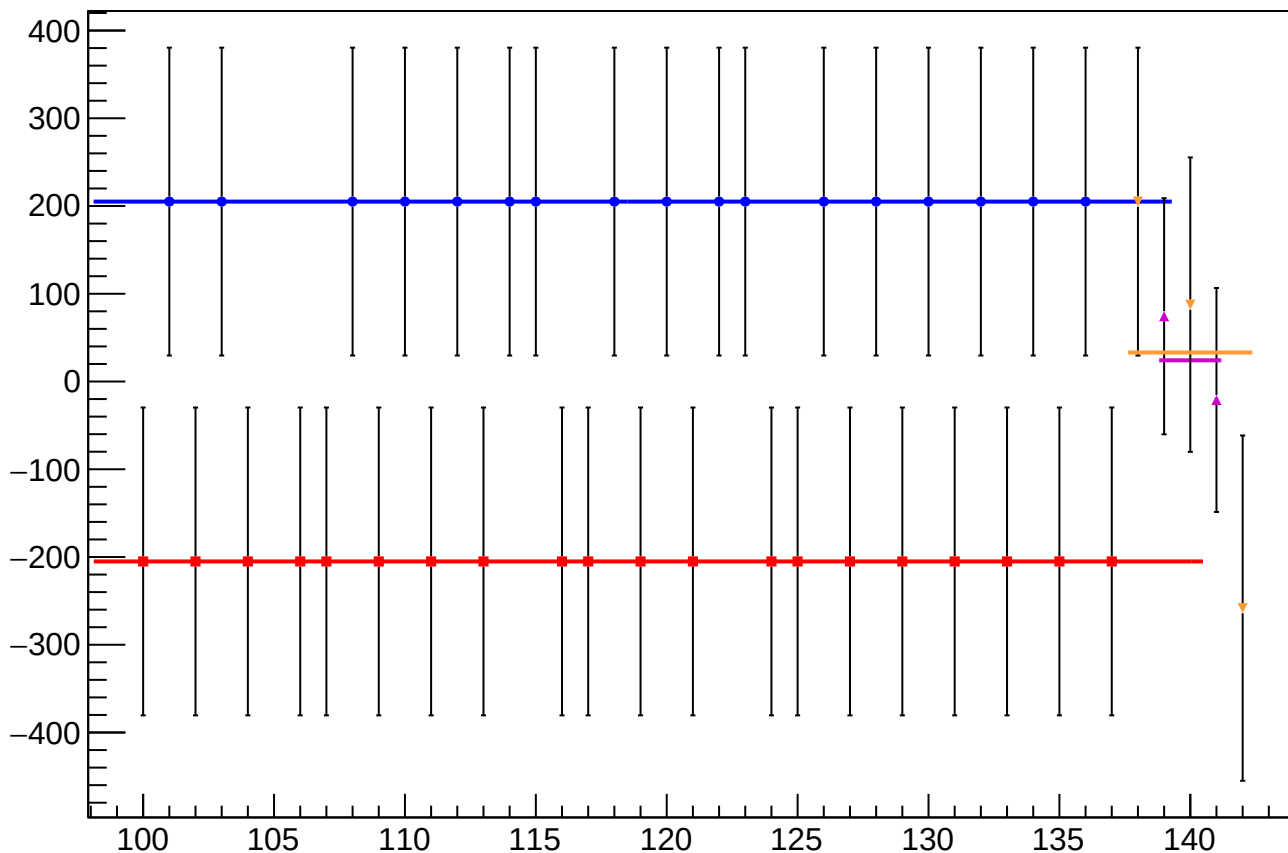
Left In: 396.868 $\pm$ 0.223 χ^2 /NDF: 104018.1/1

465.681 $\pm$ 0.088 χ^2 /NDF: 293727.5/19

469.651 $\pm$ 0.061 χ^2 /NDF: 537722.5/41

473.267 $\pm$ 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: 33.080 $\pm$ 103.220 χ^2 /NDF:3.3/2

Right Out: -205.044 $\pm$ 39.226 χ^2 /NDF: 0.0/19

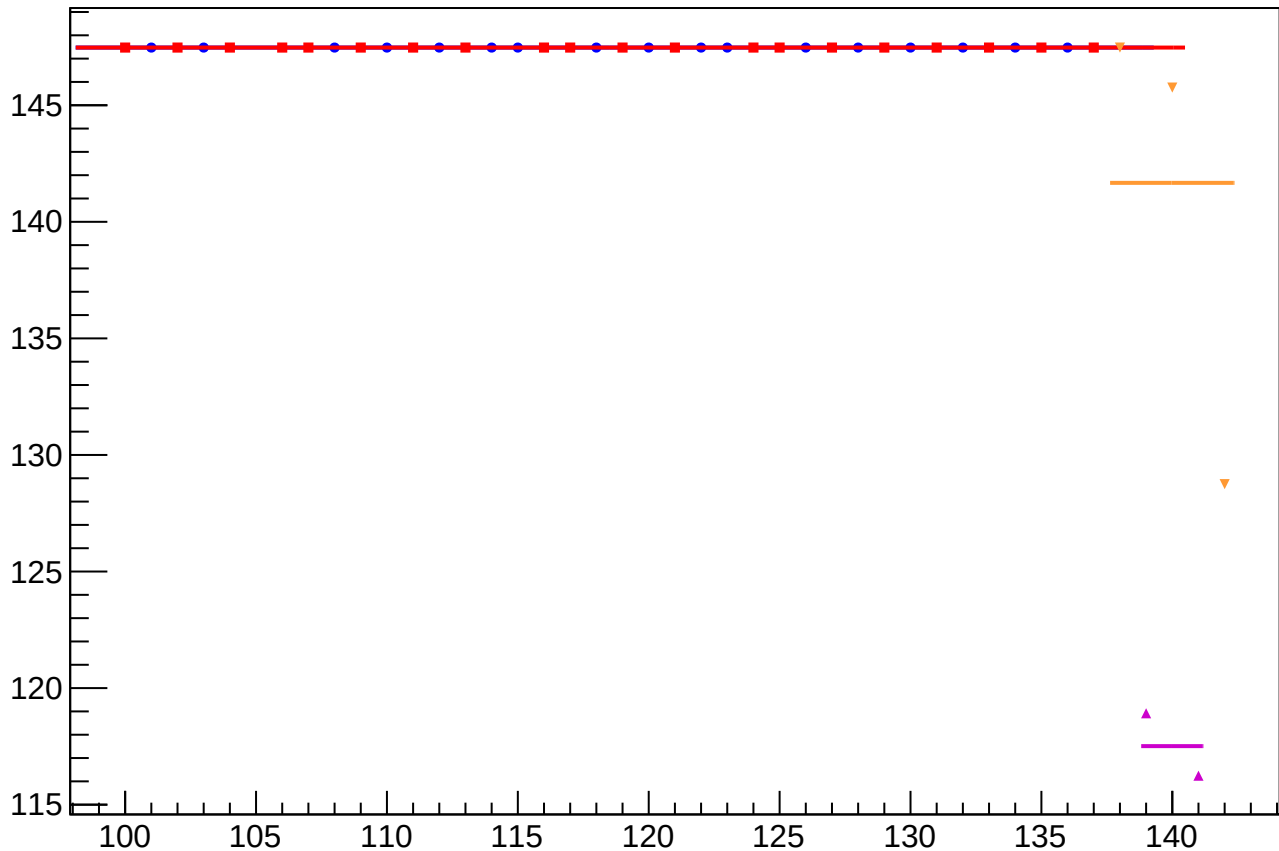
Left In: 24.175 $\pm$ 92.606 χ^2 /NDF:0.3/1

180.071 $\pm$ 39.336 χ^2 /NDF: 5.6/19

-9.956 $\pm$ 26.605 χ^2 /NDF: 54.1/41

-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: 141.671 $\pm$ 0.073 χ^2 /NDF:12003.0/2

Right Out: 147.474 $\pm$ 0.028 χ^2 /NDF: 0.0/19

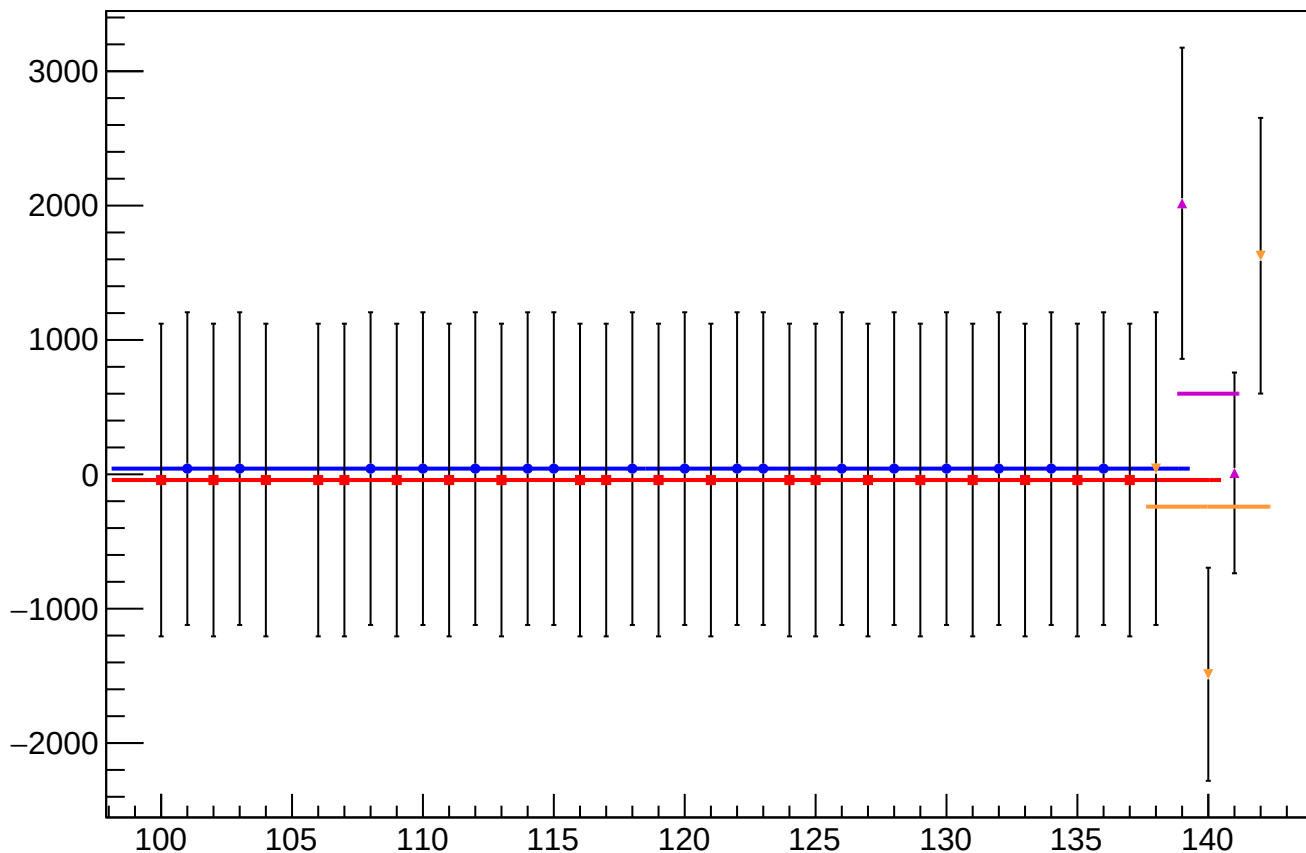
Left In: 117.511 $\pm$ 0.065 χ^2 /NDF:416.7/1

146.632 $\pm$ 0.028 χ^2 /NDF: 17406.5/19

144.616 $\pm$ 0.019 χ^2 /NDF: 205030.1/41

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 $\pm$ 282.215 χ^2 /NDF: 0.0/16

Left Out: -240.748 $\pm$ 552.231 χ^2 /NDF:5.8/2

Right Out: -42.446 $\pm$ 260.189 χ^2 /NDF: 0.0/19

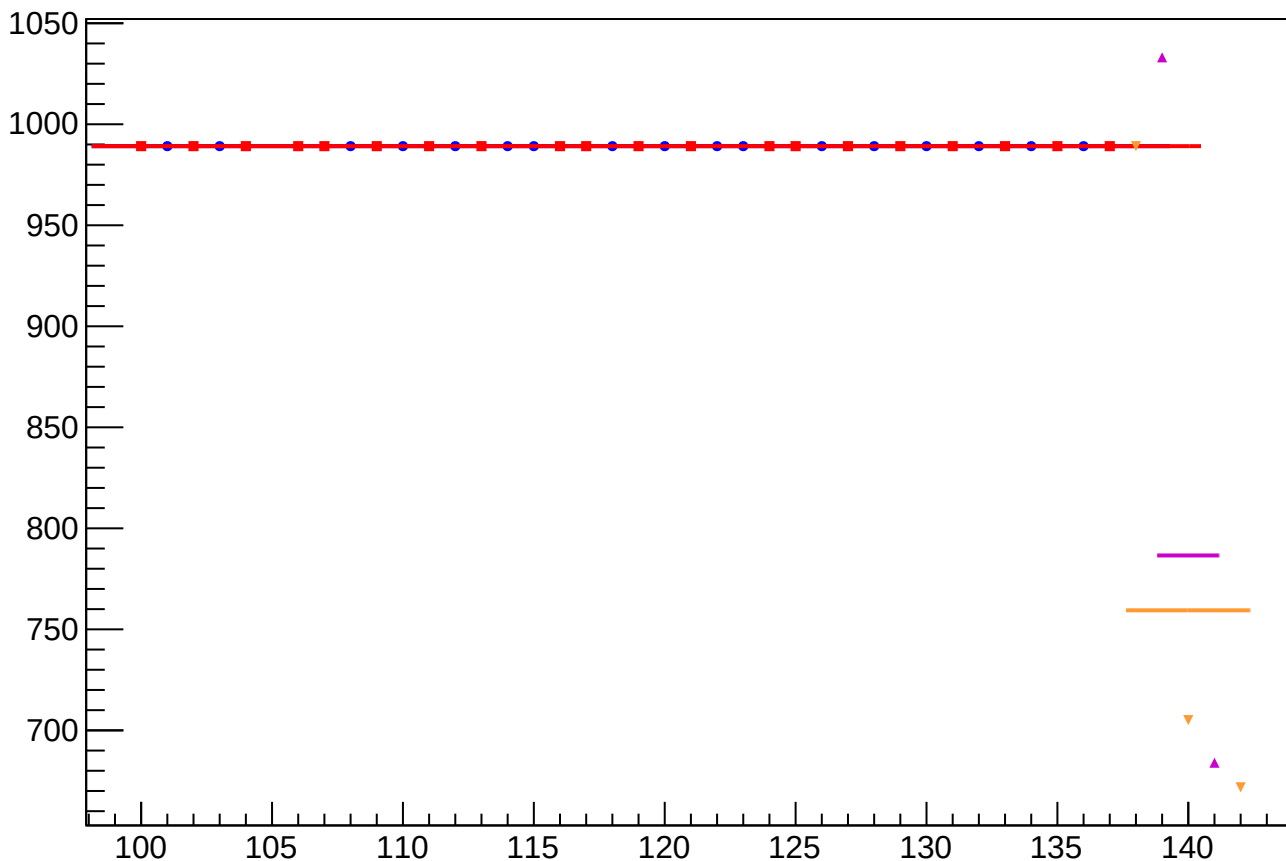
Left In: 600.086 $\pm$ 627.698 χ^2 /NDF:2.1/1

-16.199 $\pm$ 251.301 χ^2 /NDF: 6.1/19

19.296 $\pm$ 173.699 χ^2 /NDF: 9.1/41

51.767 $\pm$ 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: 759.418 $\pm$ 0.390 χ^2 /NDF: 101947.7/2

Right Out: 989.160 $\pm$ 0.184 χ^2 /NDF: 0.0/19

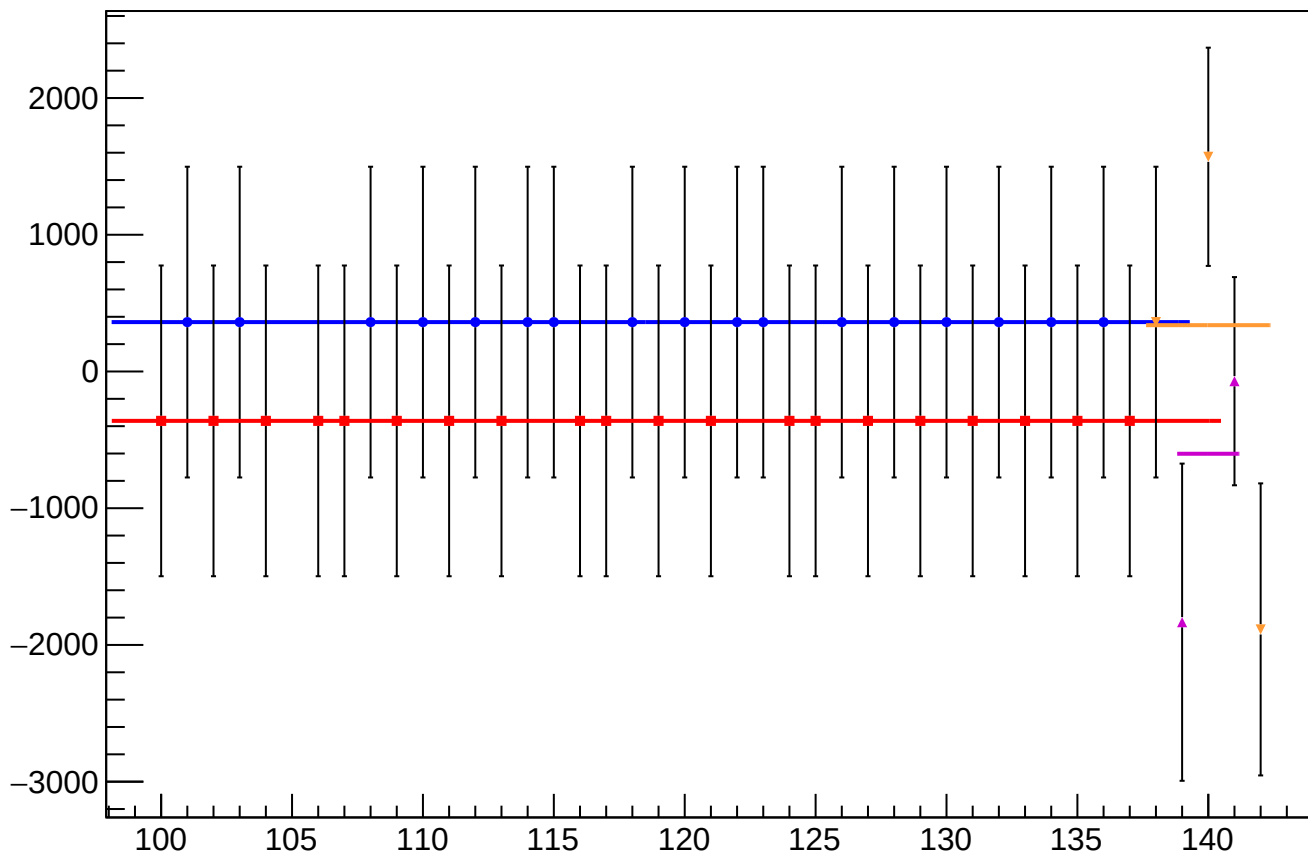
Left In: 786.573 $\pm$ 0.444 χ^2 /NDF: 128377.8/1

941.584 $\pm$ 0.178 χ^2 /NDF: 376420.4/19

950.917 $\pm$ 0.123 χ^2 /NDF: 687863.4/41

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 χ^2/NDF : 0.0/16

Left Out: 338.742+/-557.174 χ^2/NDF : 6.7/2

Right Out: -361.179+/-254.086 χ^2/NDF : 0.0/19

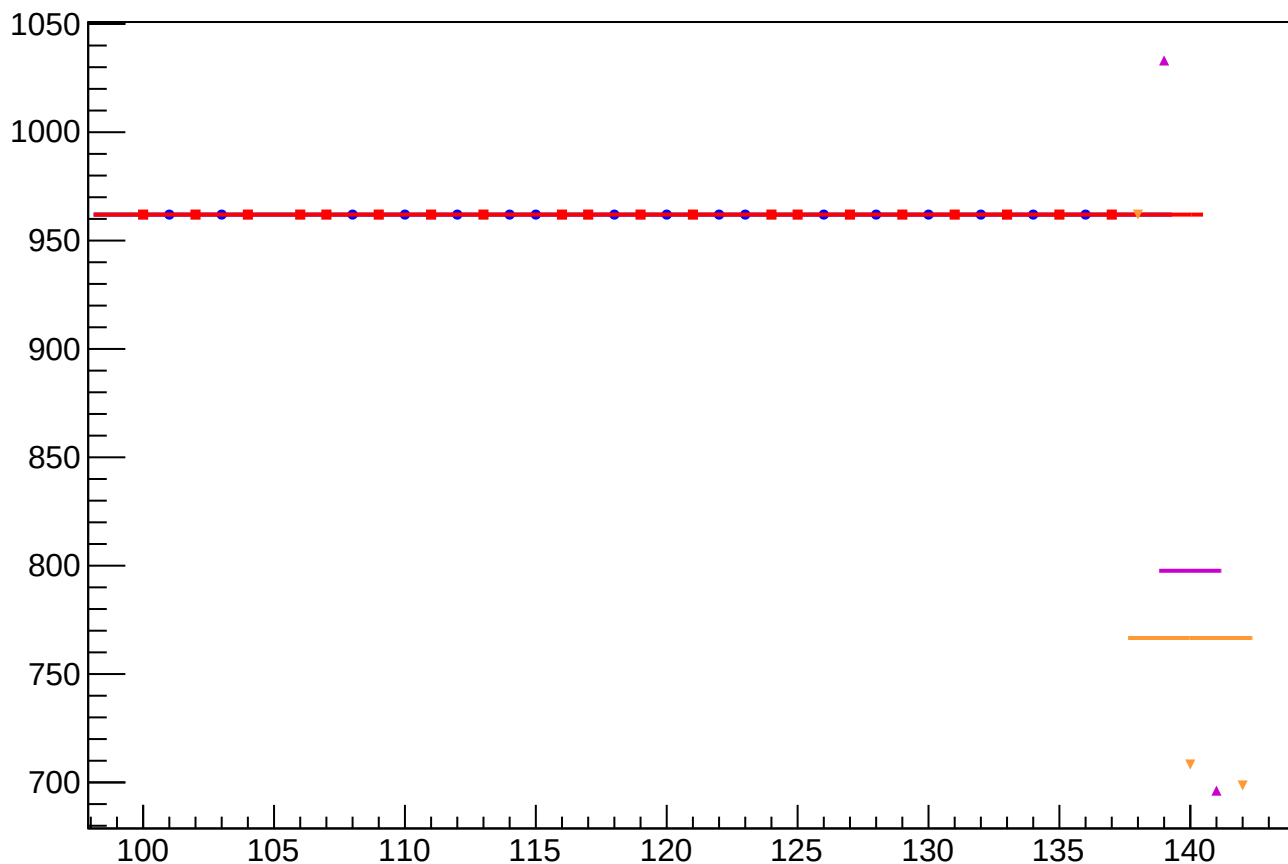
Left In: -601.742+/-636.498 χ^2/NDF : 1.6/1

356.769+/-247.028 χ^2/NDF : 6.7/19

-35.910+/-170.634 χ^2/NDF : 13.3/41

-394.245+/-235.978 χ^2/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: 766.631 $\pm$ 0.394 χ^2 /NDF: 77932.5/2

Right Out: 961.988 $\pm$ 0.180 χ^2 /NDF: 0.0/19

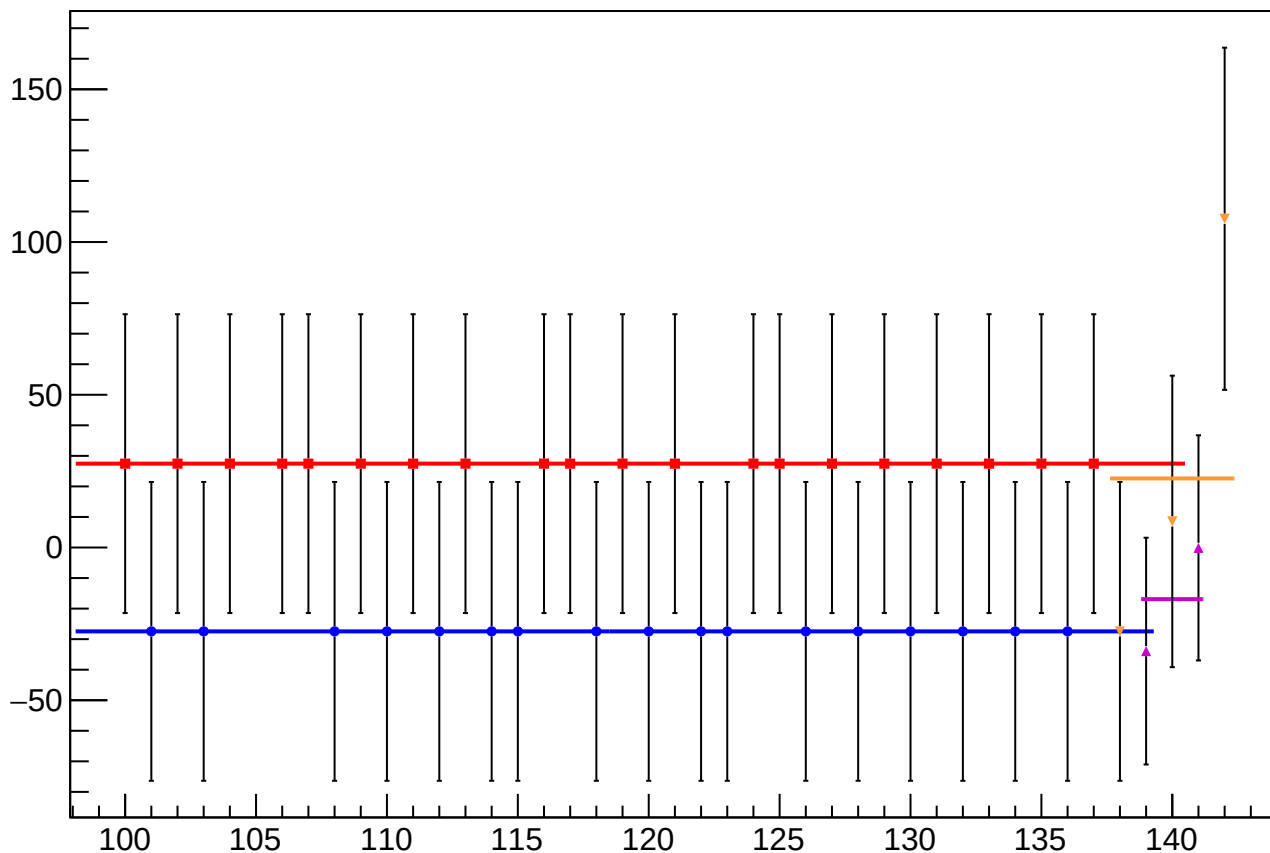
Left In: 797.653 $\pm$ 0.450 χ^2 /NDF: 117921.6/1

923.588 $\pm$ 0.175 χ^2 /NDF: 275473.6/19

931.855 $\pm$ 0.121 χ^2 /NDF: 512675.0/41

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 $\pm$ 11.864 χ^2 /NDF: 0.0/16

Left Out: 22.604 $\pm$ 29.161 χ^2 /NDF: 3.4/2

Right Out: 27.456 $\pm$ 10.938 χ^2 /NDF: 0.0/19

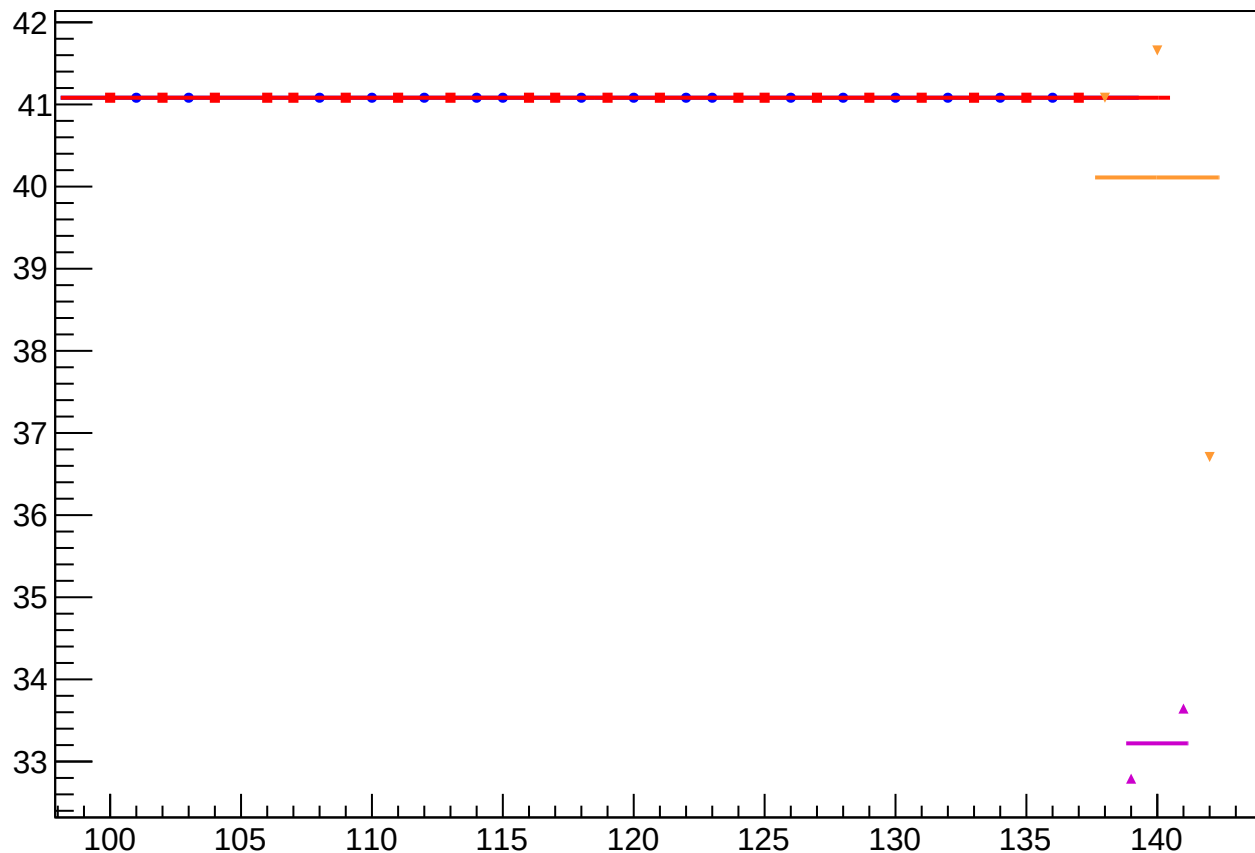
Left In: -16.900 $\pm$ 26.151 χ^2 /NDF: 0.4/1

-20.347 $\pm$ 10.989 χ^2 /NDF: 6.0/19

2.005 $\pm$ 7.433 χ^2 /NDF: 16.5/41

20.852 $\pm$ 10.091 χ^2 /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: 40.111 $\pm$ 0.021 χ^2 /NDF:10274.3/2

Right Out: 41.082 $\pm$ 0.008 χ^2 /NDF: 0.0/19

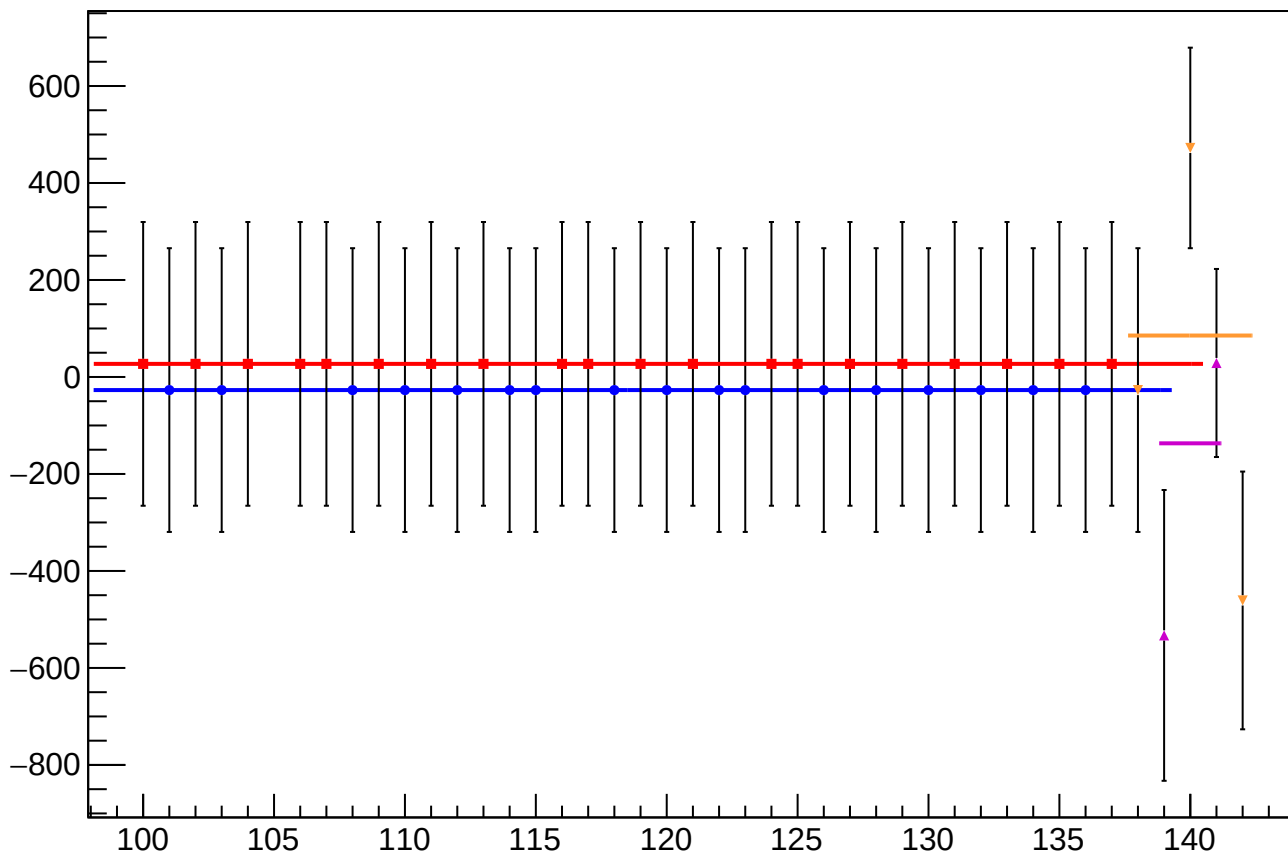
Left In: 33.221 $\pm$ 0.018 χ^2 /NDF:532.2/1

40.944 $\pm$ 0.008 χ^2 /NDF: 12175.7/19

40.384 $\pm$ 0.005 χ^2 /NDF: 176090.8/41

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: 85.461 $\pm$ 142.511 χ^2 /NDF:7.9/2

Right Out: 27.007 $\pm$ 65.416 χ^2 /NDF: 0.0/19

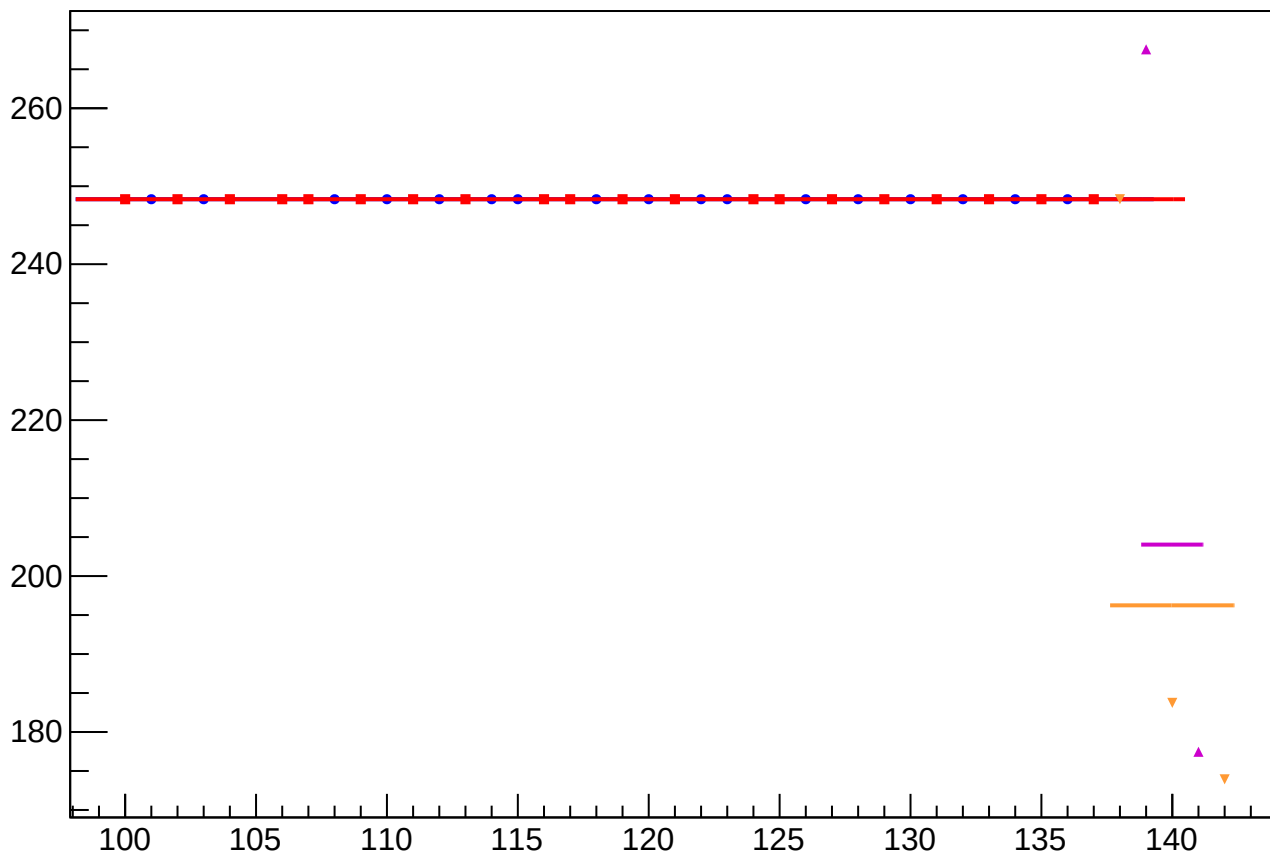
Left In: -136.826 $\pm$ 162.819 χ^2 /NDF:2.5/1

-4.666 $\pm$ 63.516 χ^2 /NDF: 8.4/19

-0.013 $\pm$ 43.883 χ^2 /NDF: 11.7/41

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: 196.245 $\pm$ 0.101 χ^2 /NDF: 84819.9/2

Right Out: 248.331 $\pm$ 0.046 χ^2 /NDF: 0.0/19

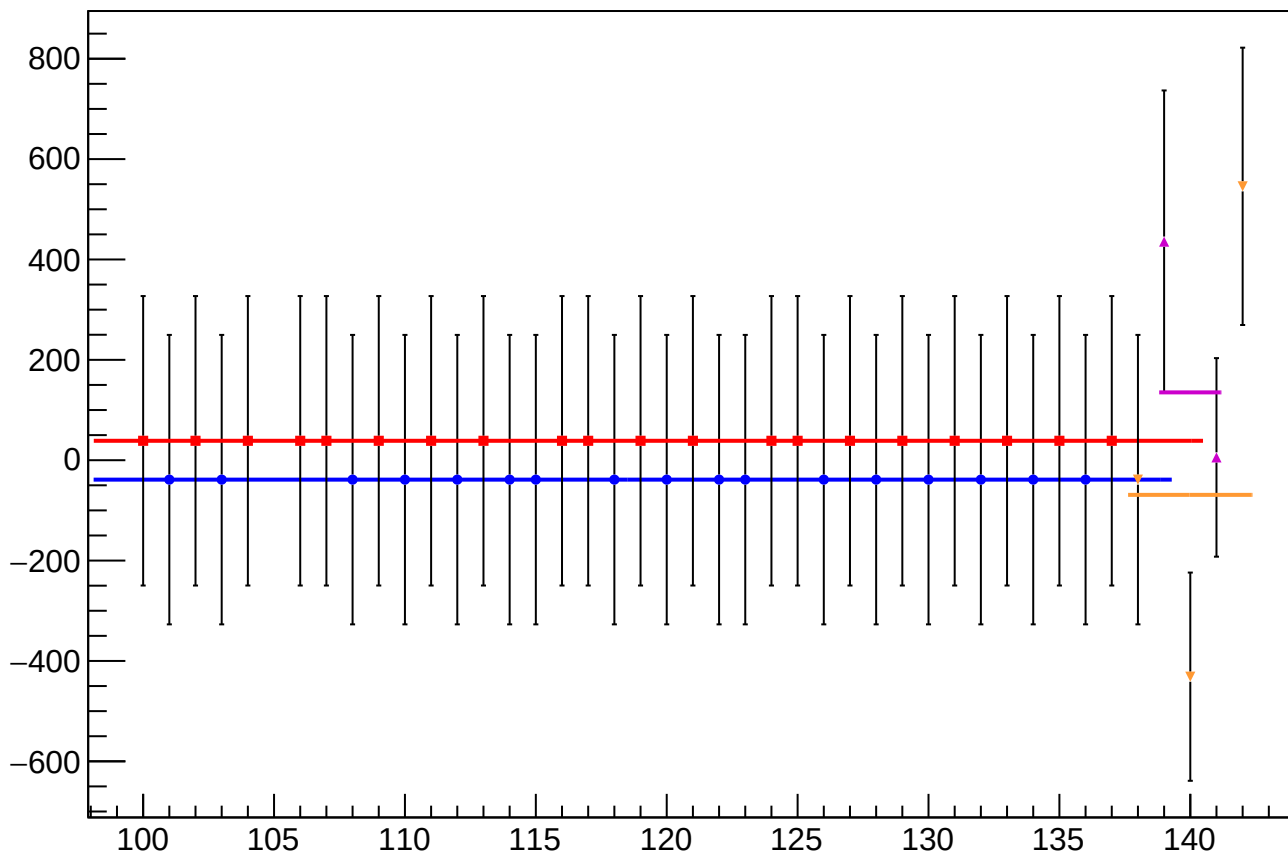
Left In: 204.035 $\pm$ 0.115 χ^2 /NDF: 127327.2/1

237.984 $\pm$ 0.045 χ^2 /NDF: 298910.5/19

240.174 $\pm$ 0.031 χ^2 /NDF: 558241.6/41

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 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -69.051 ± 143.809 $\chi^2/\text{NDF}: 8.0/2$

Right Out: 38.700 ± 64.489 $\chi^2/\text{NDF}: 0.0/19$

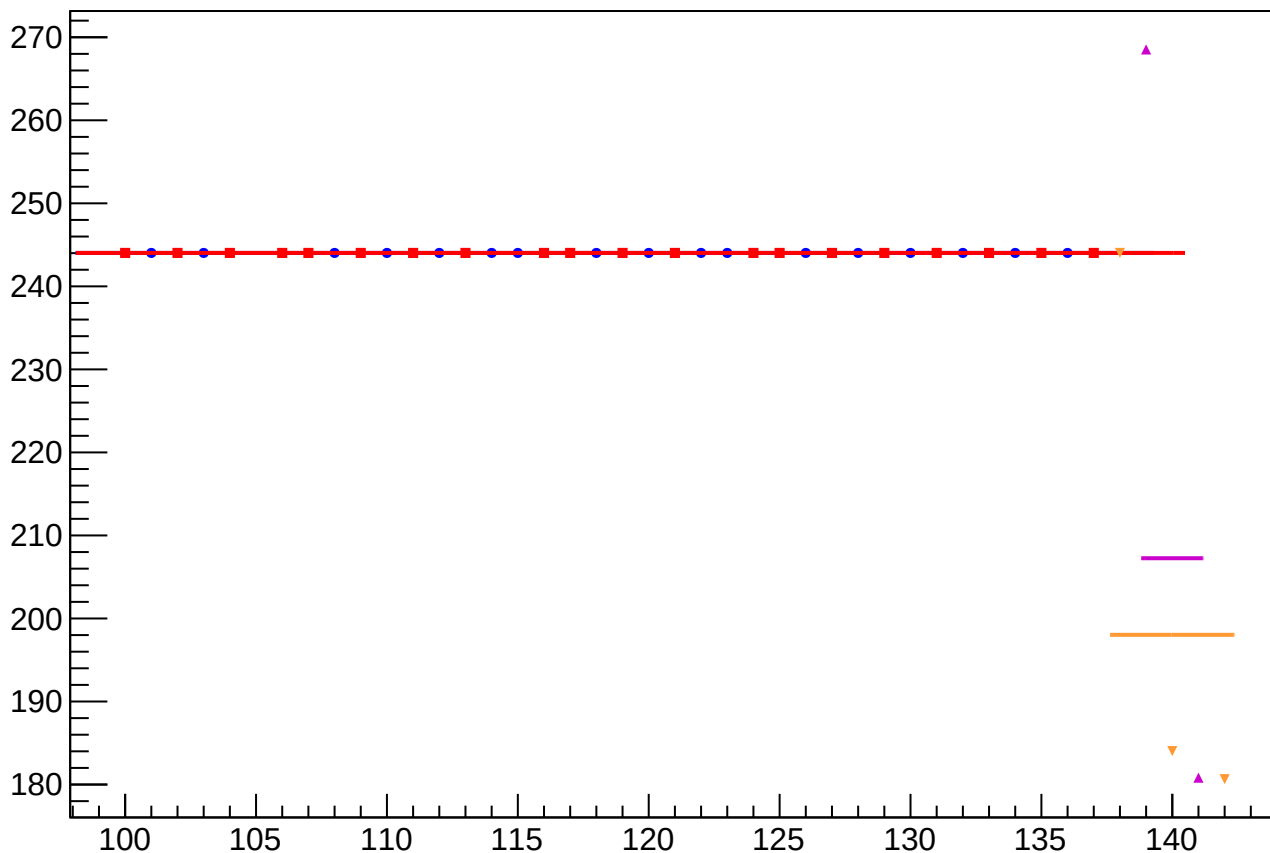
Left In: 135.155 ± 165.356 $\chi^2/\text{NDF}: 1.4/1$

-44.507 ± 62.902 $\chi^2/\text{NDF}: 8.0/19$

5.663 ± 43.447 $\chi^2/\text{NDF}: 11.0/41$

51.434 ± 60.081 $\chi^2/\text{NDF}: 1.7/21$

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: 198.029 $\pm$ 0.102 χ^2 /NDF: 67899.6/2

Right Out: 244.026 $\pm$ 0.046 χ^2 /NDF: 0.0/19

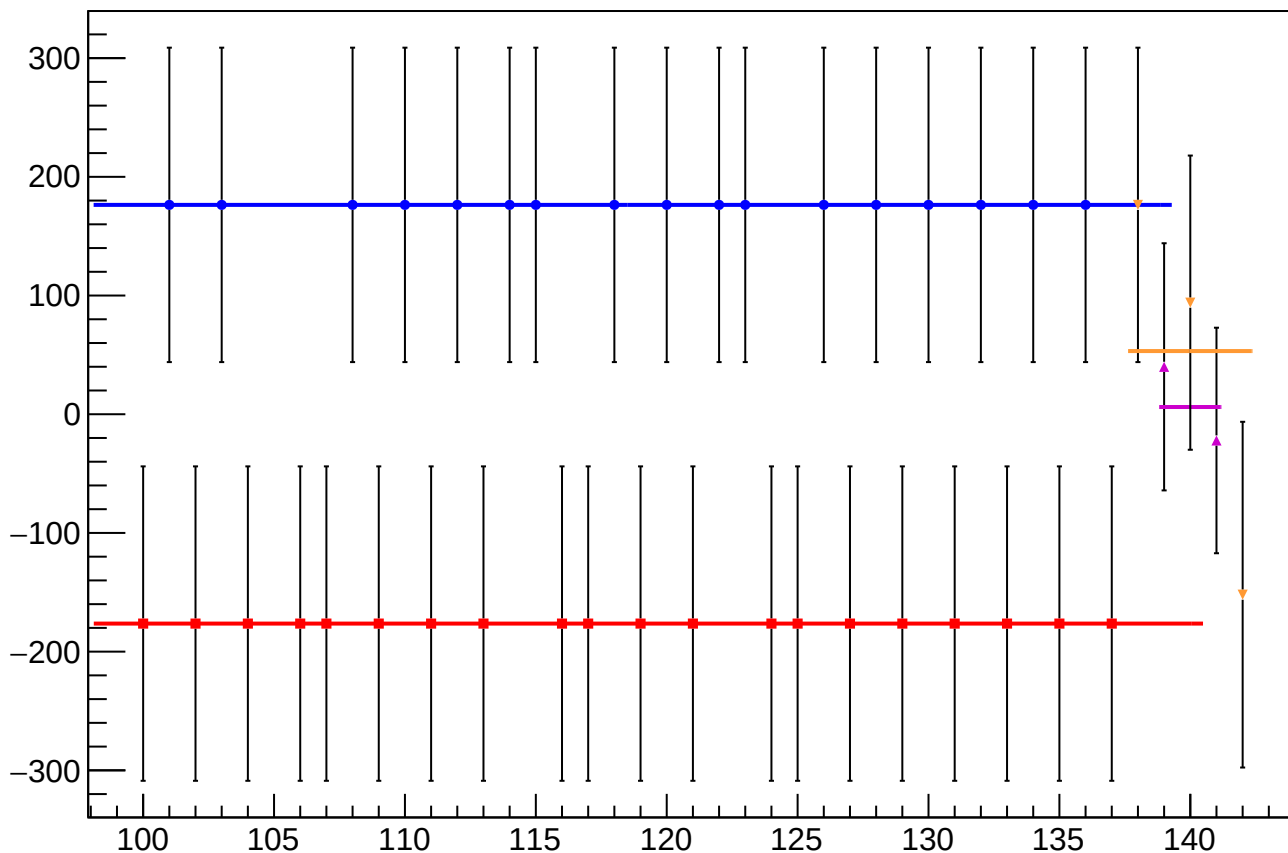
Left In: 207.255 $\pm$ 0.117 χ^2 /NDF: 118457.0/1

235.226 $\pm$ 0.044 χ^2 /NDF: 233359.4/19

237.289 $\pm$ 0.031 χ^2 /NDF: 441776.8/41

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: 53.216 $\pm$ 76.861 χ^2/NDF : 3.0/2

Right Out: -176.371 $\pm$ 29.616 χ^2/NDF : 0.0/19

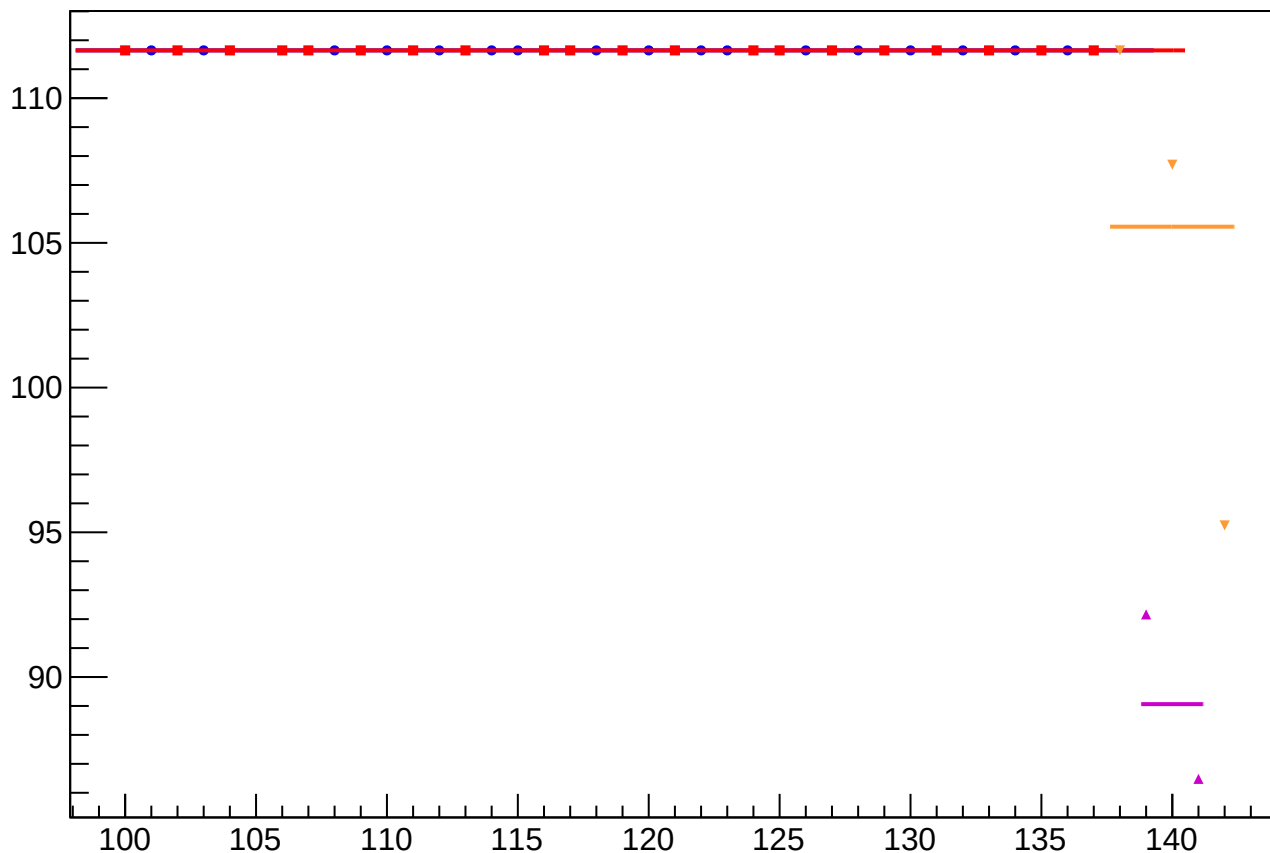
Left In: 6.085 $\pm$ 70.177 χ^2/NDF : 0.2/1

158.058 $\pm$ 29.638 χ^2/NDF : 5.1/19

-8.027 $\pm$ 20.074 χ^2/NDF : 69.1/41

-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: 105.560 $\pm$ 0.054 χ^2 /NDF:14874.3/2

Right Out: 111.651 $\pm$ 0.021 χ^2 /NDF: 0.0/19

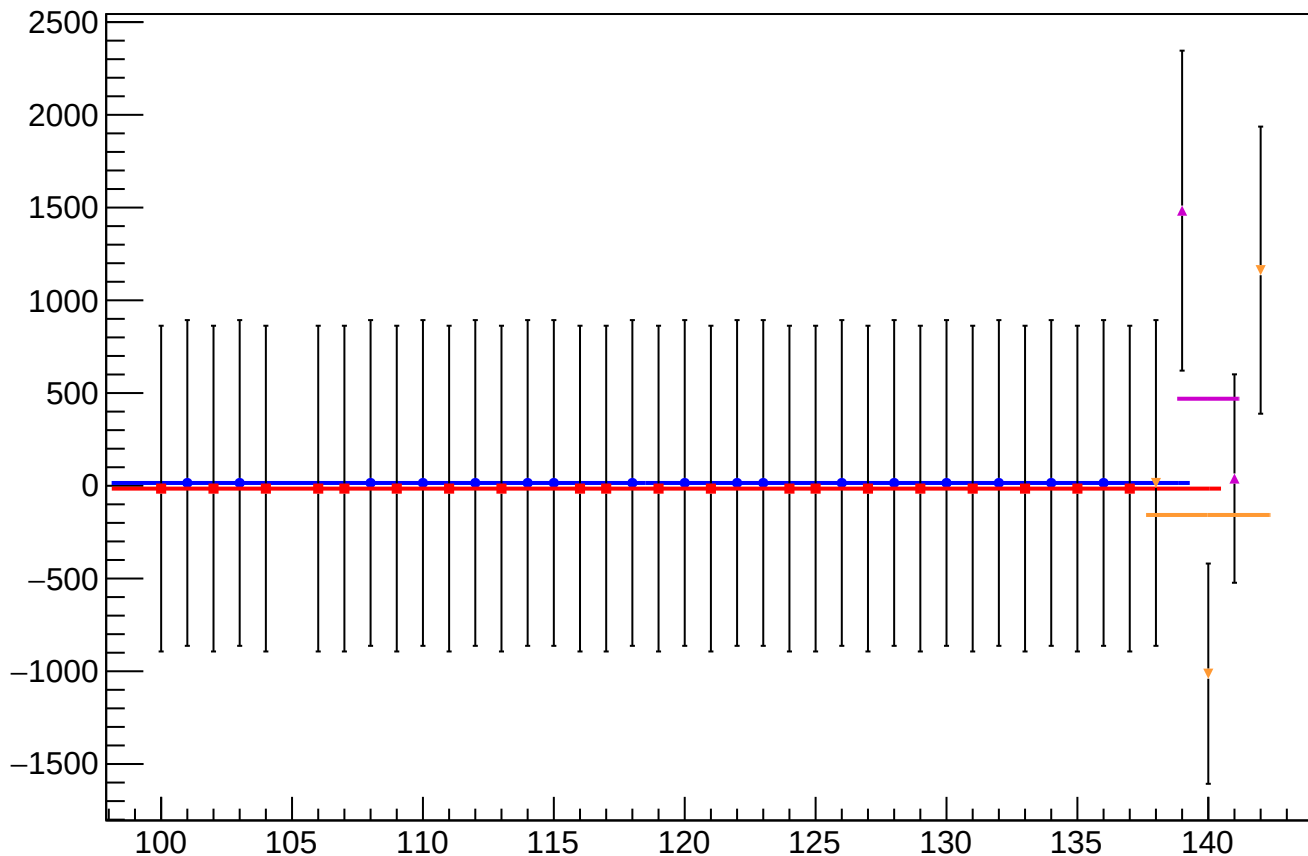
Left In: 89.063 $\pm$ 0.050 χ^2 /NDF:3250.6/1

110.745 $\pm$ 0.021 χ^2 /NDF: 25567.6/19

109.387 $\pm$ 0.014 χ^2 /NDF: 212446.7/41

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: -157.320+/-415.123 χ^2/NDF : 5.0/2

Right Out: -15.211+/-196.352 χ^2/NDF : 0.0/19

Left In: 469.359+/-470.797 χ^2/NDF : 2.0/1

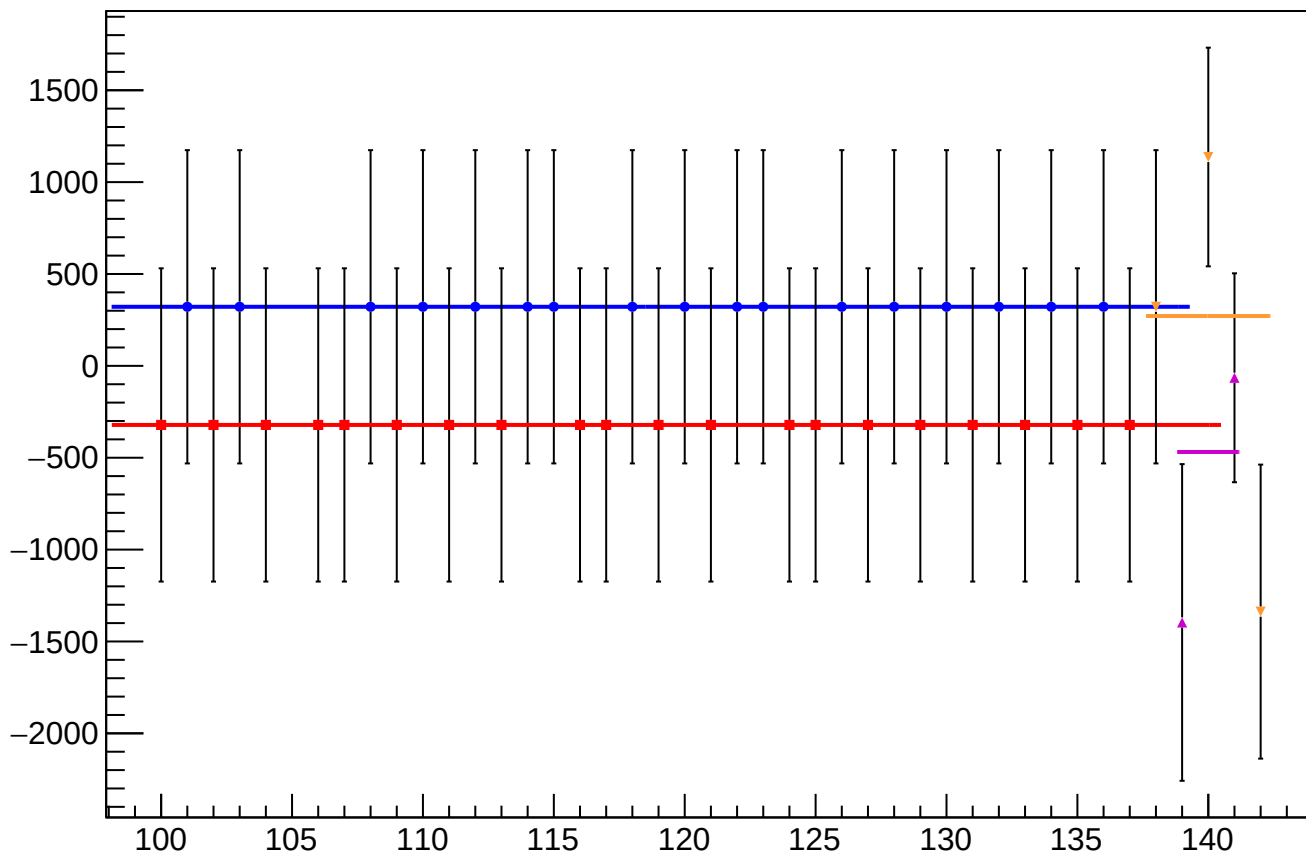
-20.738+/-189.491 χ^2/NDF : 5.2/19

19.648+/-130.969 χ^2/NDF : 8.1/41

56.587+/-181.222 χ^2/NDF : 2.9/21

723.846+/-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: 271.250 $\pm$ 416.572 χ^2 /NDF:6.2/2

Right Out: -321.504 $\pm$ 190.616 χ^2 /NDF: 0.0/19

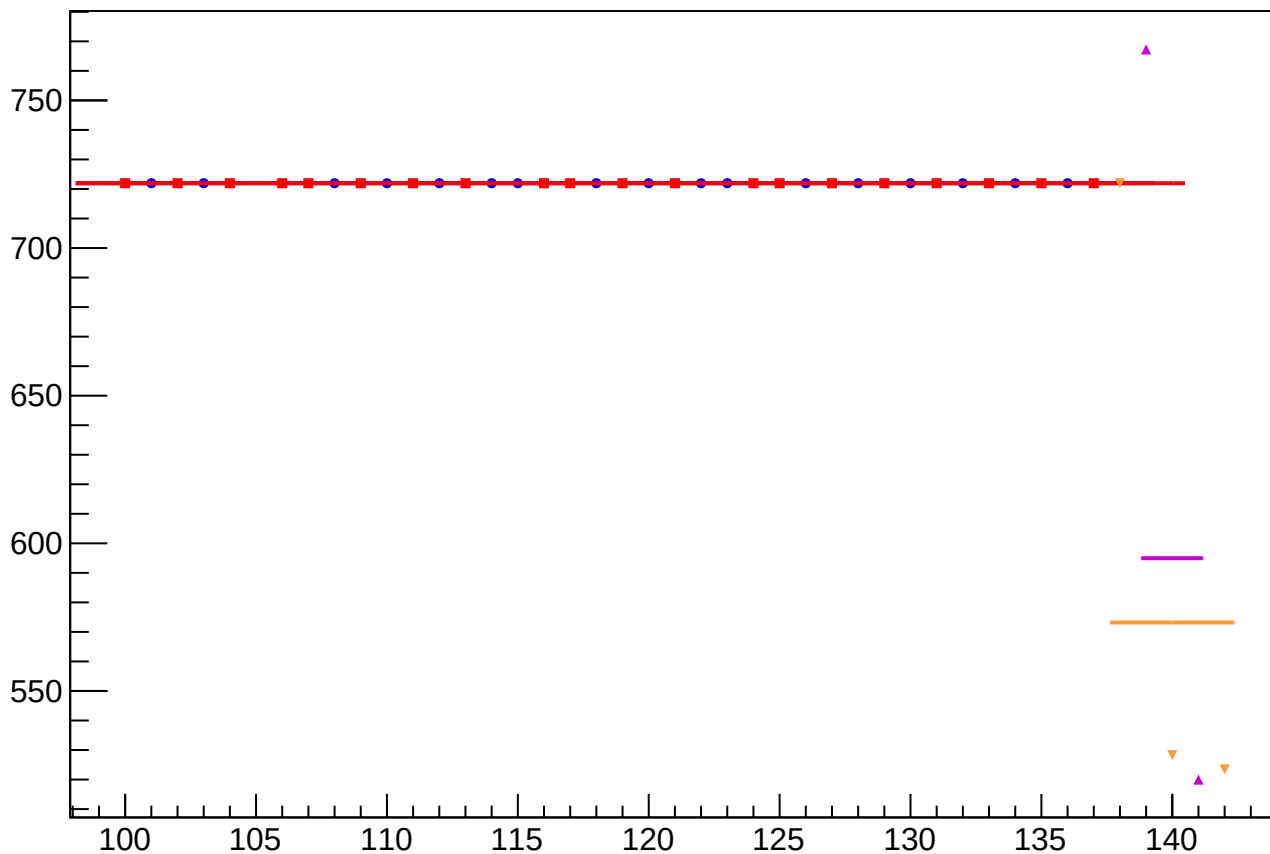
Left In: -468.671 $\pm$ 474.545 χ^2 /NDF:1.7/1

311.572 $\pm$ 185.196 χ^2 /NDF: 6.2/19

-30.193 $\pm$ 127.912 χ^2 /NDF: 14.4/41

-341.950 $\pm$ 176.879 χ^2 /NDF: 1.7/21

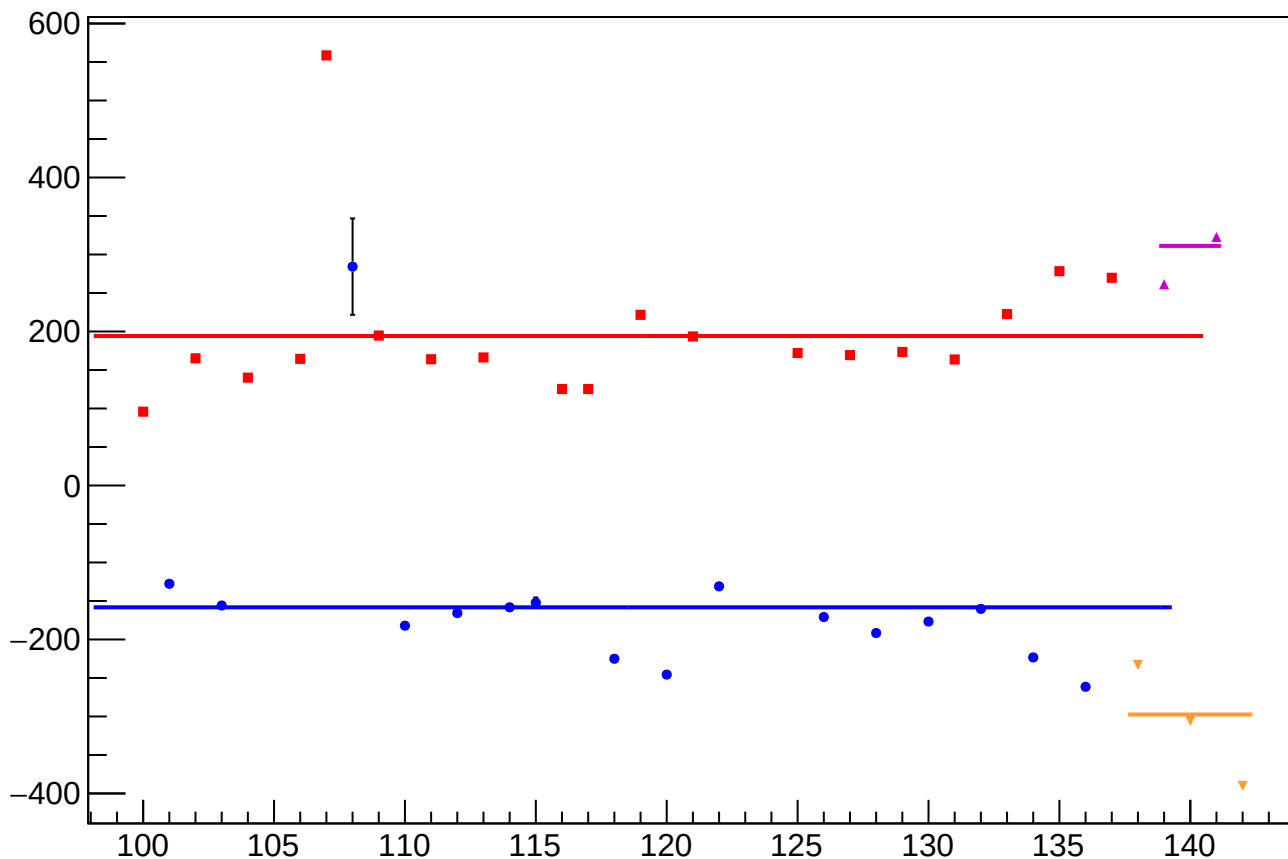
asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 721.950 $\pm$ 0.146 χ^2 /NDF: 0.0/16
 Left Out: 573.196 $\pm$ 0.295 χ^2 /NDF: 80050.8/2
 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

692.549 $\pm$ 0.131 χ^2 /NDF: 284671.2/19
 698.698 $\pm$ 0.090 χ^2 /NDF: 526933.3/41
 704.307 $\pm$ 0.125 χ^2 /NDF: 238046.3/21

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -158.222+/-0.000 χ^2/NDF : 117166.2/15

Left Out: -297.411+/-0.455 χ^2/NDF : 12346.8/2

Right Out: 194.144+/-0.165 χ^2/NDF : 176874.6/18

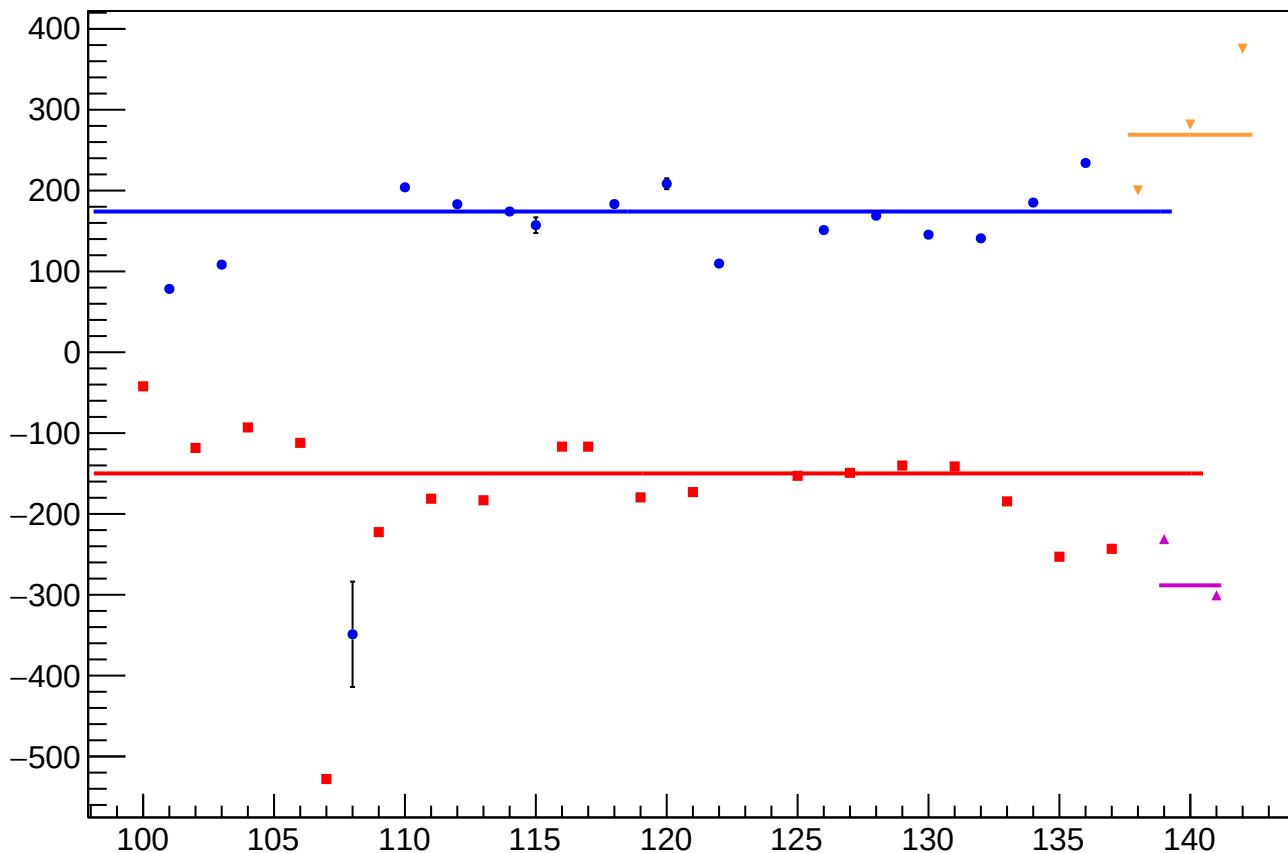
Left In: 311.157+/-0.404 χ^2/NDF : 3559.9/1

-158.222+/-0.000 χ^2/NDF : 223030.9/18

-158.222+/-0.000 χ^2/NDF : 6313046.7/39

210.859+/-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

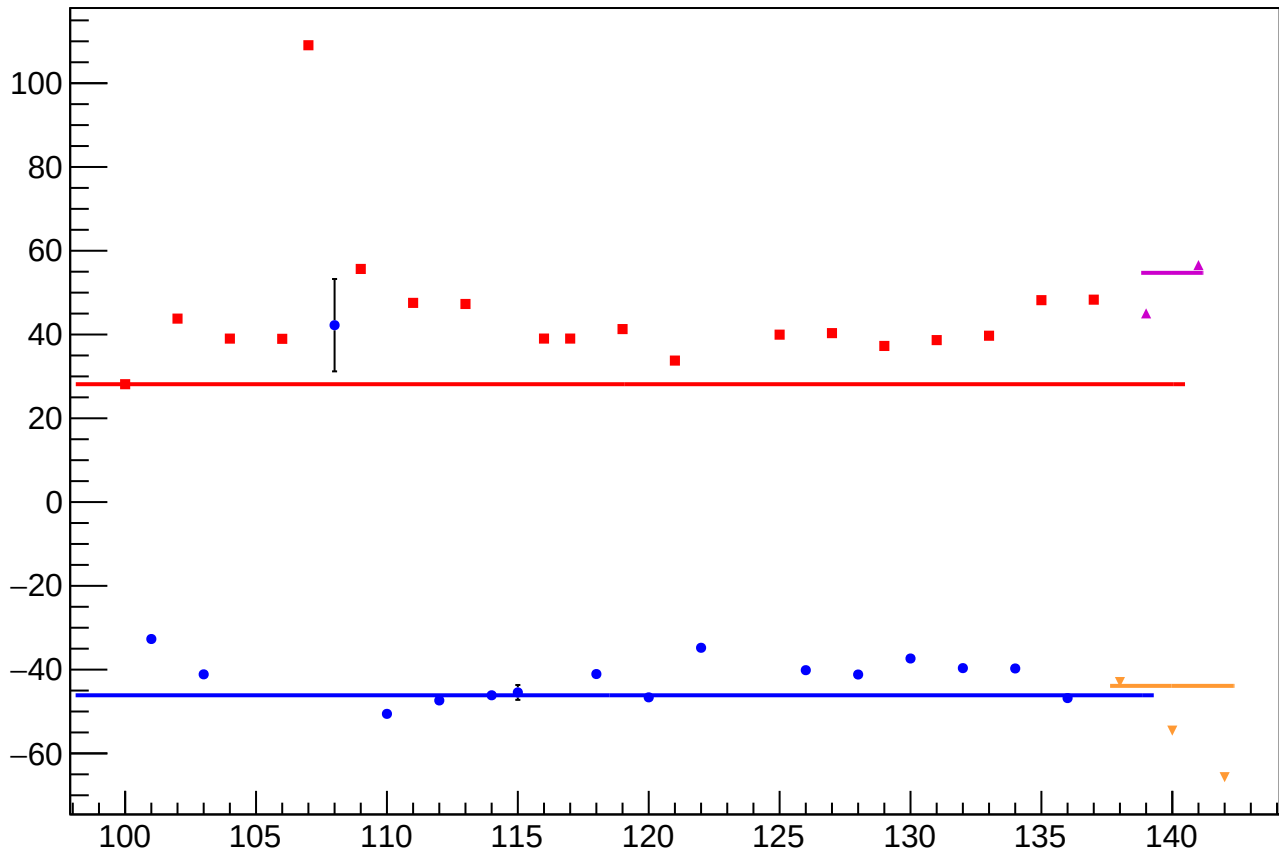
Left In: -288.356 $\pm$ 0.425 χ^2 /NDF:3873.5/1

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 ± 0.000 χ^2/NDF : 201273.7/15

Left Out: -43.878 ± 0.018 χ^2/NDF : 41586.3/2

Right Out: 28.139 ± 0.000 χ^2/NDF : 747096.2/18

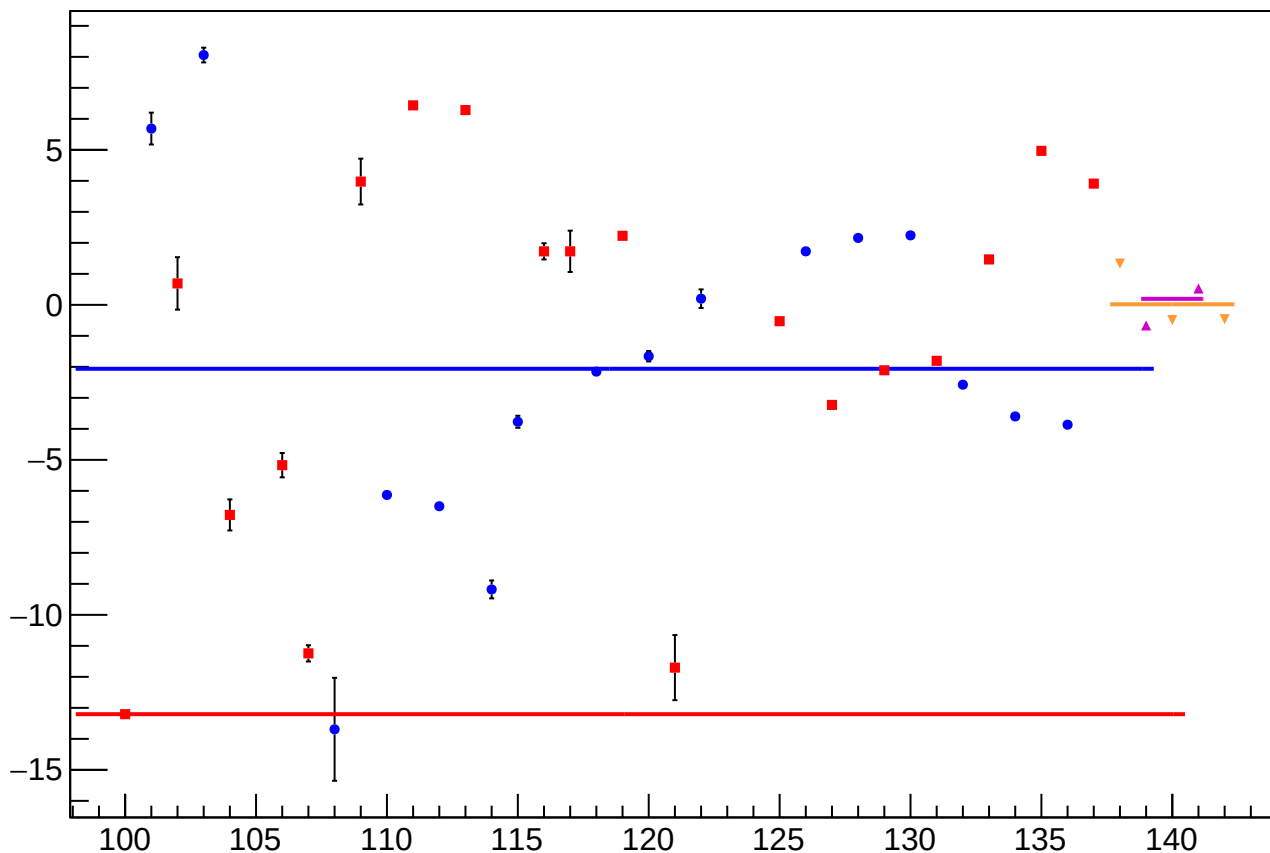
Left In: 54.726 ± 0.045 χ^2/NDF : 8864.8/1

-46.126 ± 0.000 χ^2/NDF : 258303.6/18

-19.915 ± 0.000 χ^2/NDF : 424121047777

28.139 ± 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

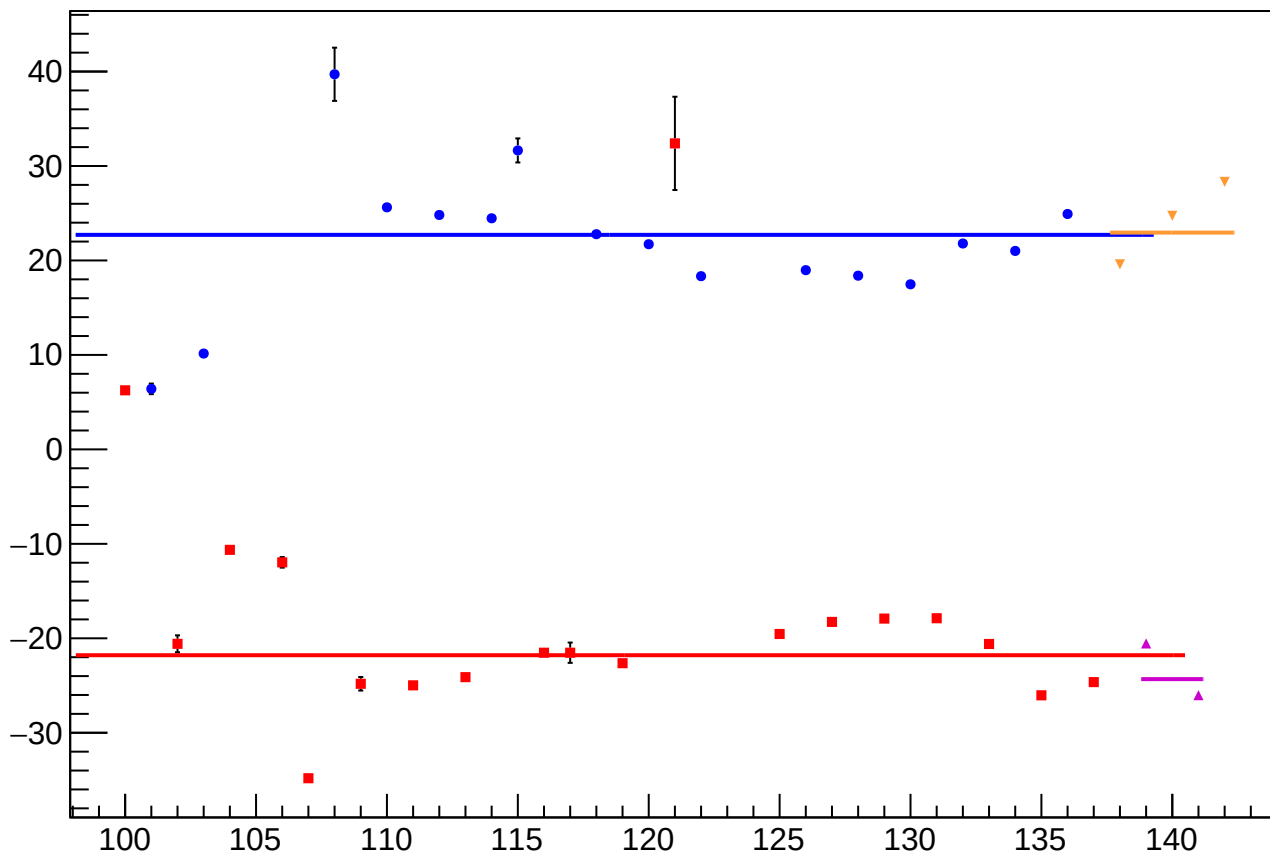
Left In: 0.195+/-0.024 χ^2/NDF : 514.1/1

-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

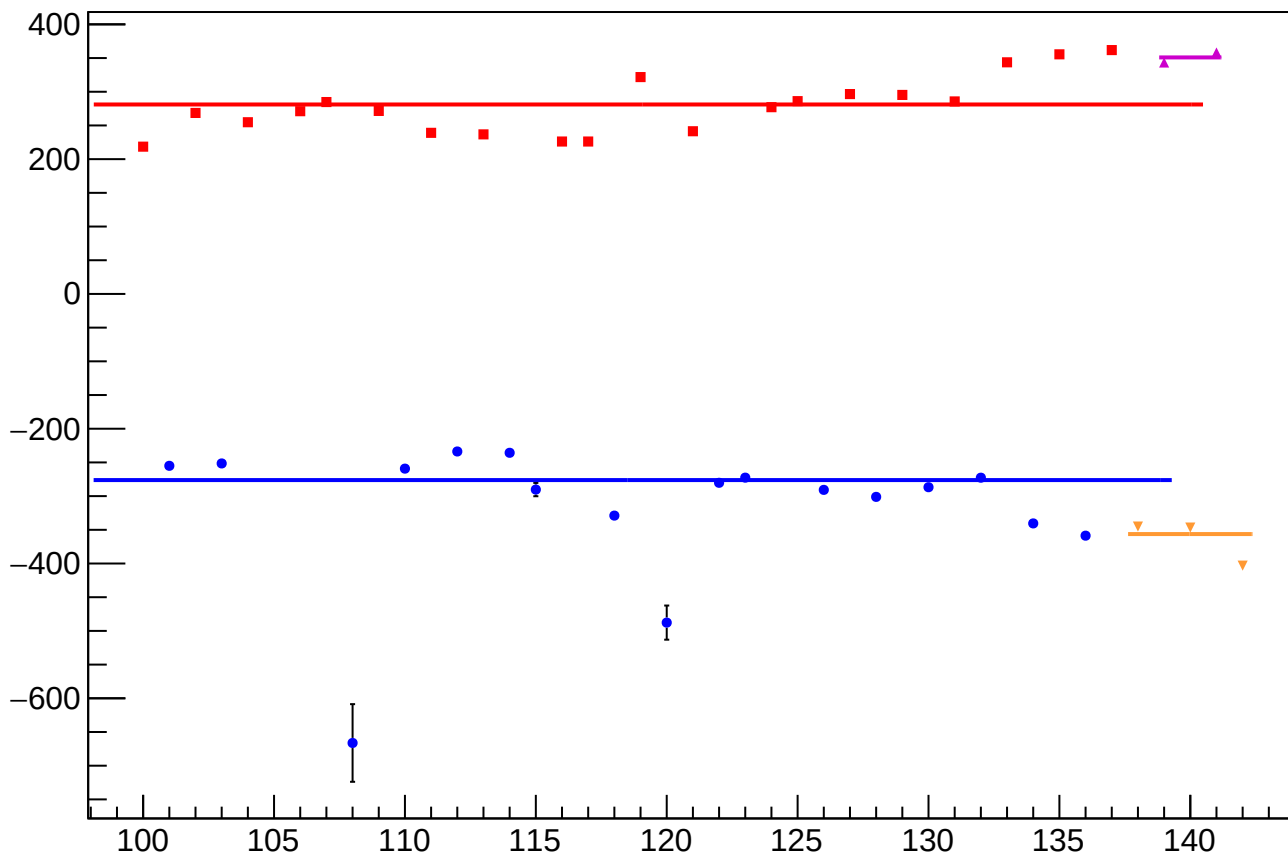
Left In: -24.323 ± 0.042 χ^2/NDF : 3675.4/1

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: -356.308+/-0.325 χ^2 /NDF:4655.0/2

Right Out: 281.109+/-0.147 χ^2 /NDF: 77714.4/19

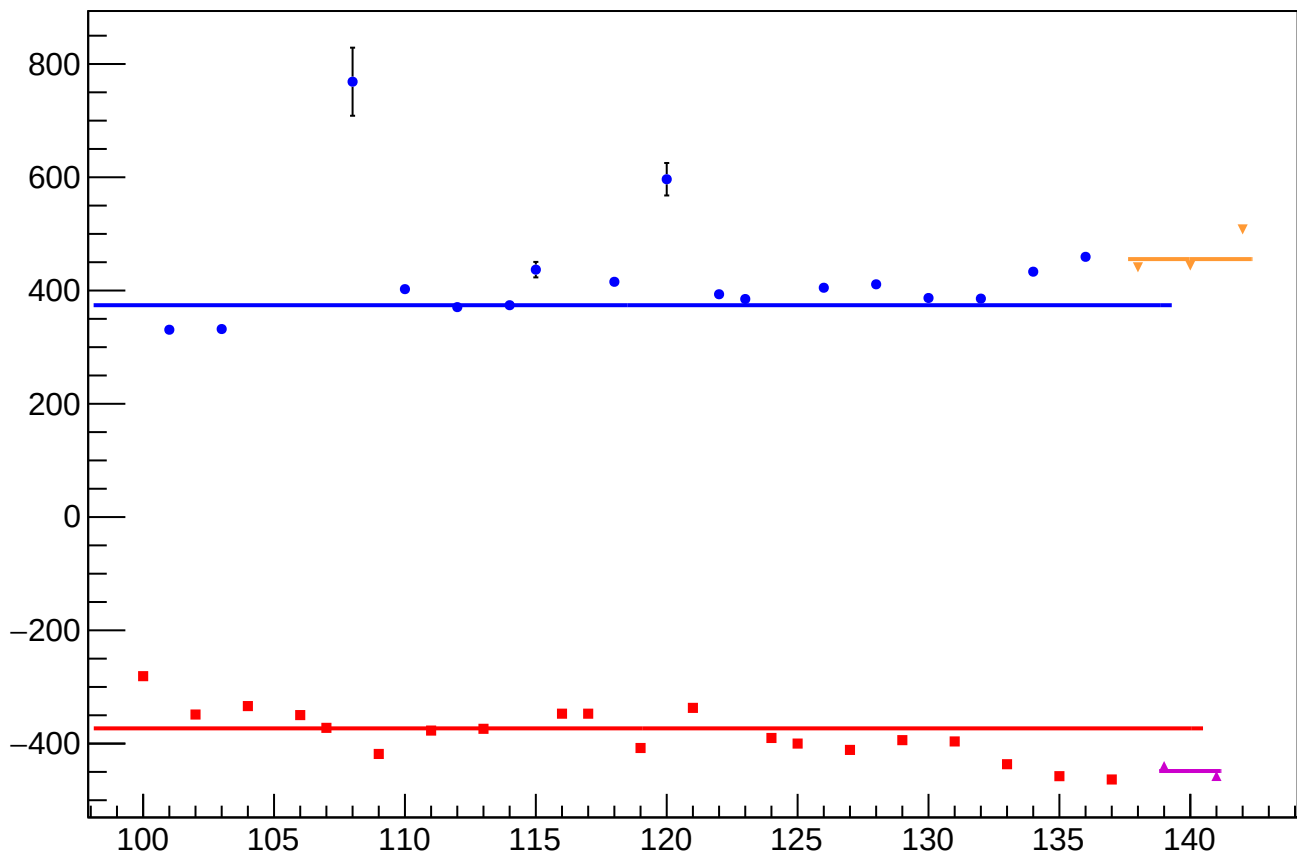
Left In: 350.935+/-0.269 χ^2 /NDF:768.2/1

-292.866+/-0.148 χ^2 /NDF: 110878.8/19

42.277+/-0.097 χ^2 /NDF: 9242660.2/41

297.278+/-0.129 χ^2 /NDF: 130375.2/21

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 455.519 $\pm$ 0.349 χ^2 /NDF: 5662.7/2

Right Out: -373.121 $\pm$ 0.158 χ^2 /NDF: 108233.2/19

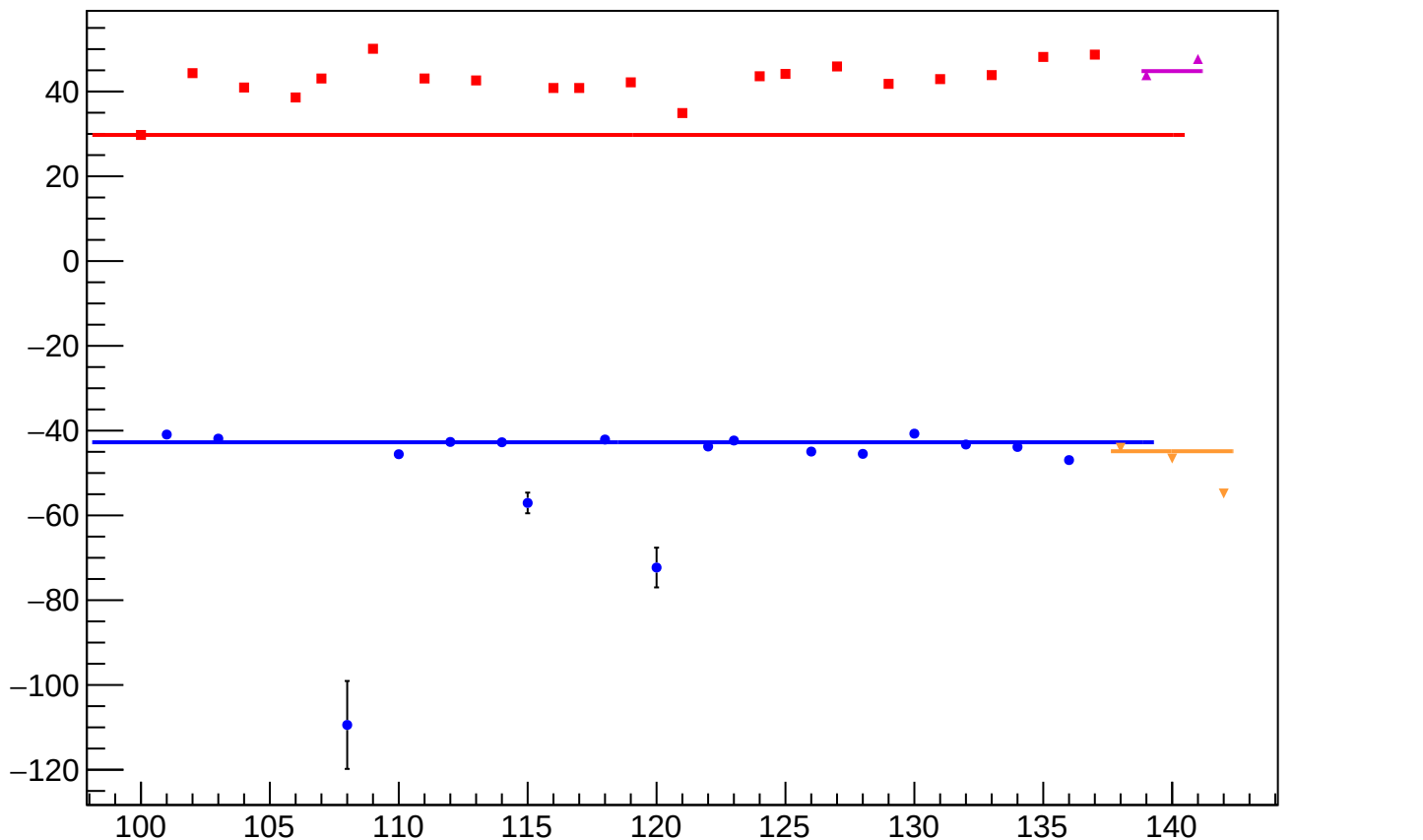
Left In: -448.404 $\pm$ 0.279 χ^2 /NDF: 979.5/1

374.094 $\pm$ 0.000 χ^2 /NDF: 95205.8/19

374.094 $\pm$ 0.000 χ^2 /NDF: 31275090.4/41

-391.366 $\pm$ 0.137 χ^2 /NDF: 164300.1/21

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -44.858 $\pm$ 0.023 χ^2 /NDF: 9515.9/2

Right Out: 29.754 $\pm$ 0.000 χ^2 /NDF: 484074.9/19

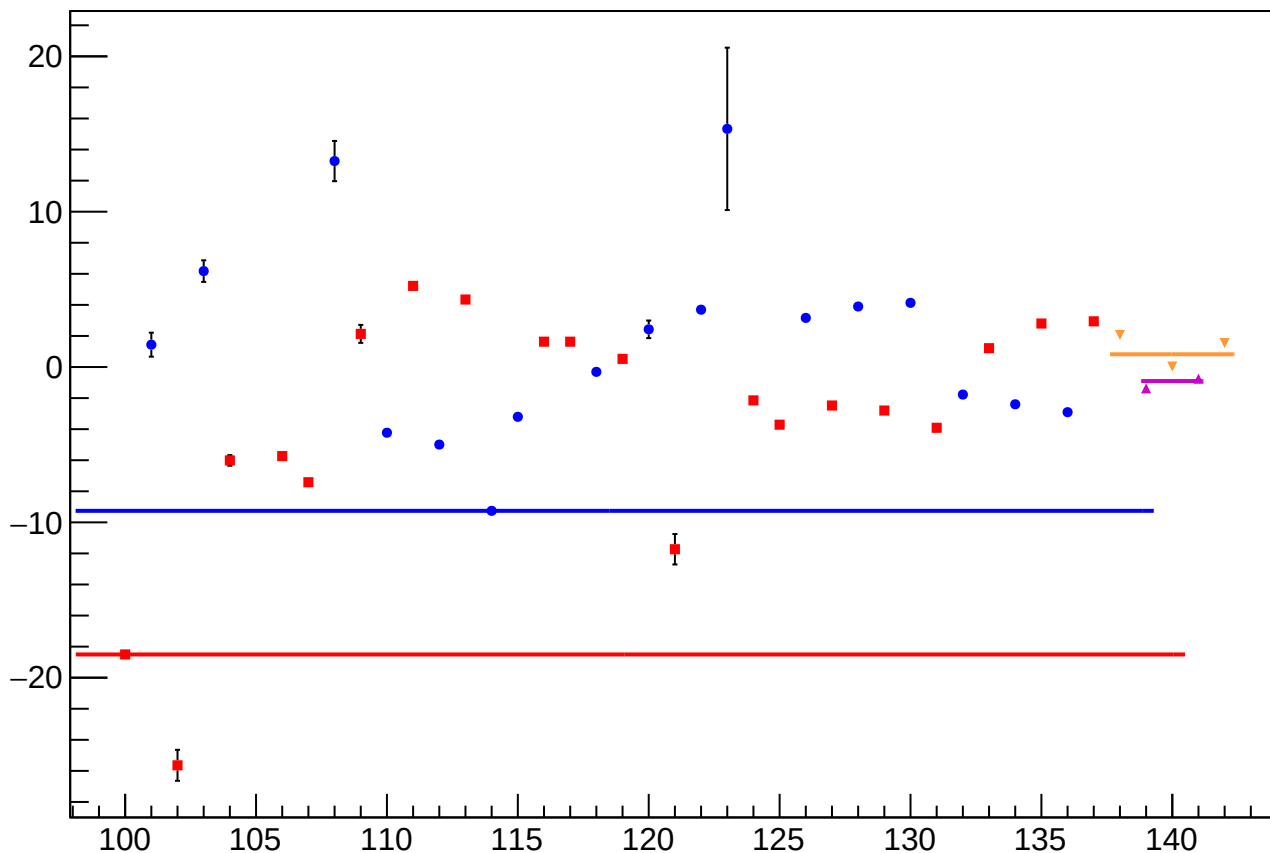
Left In: 44.813 $\pm$ 0.022 χ^2 /NDF: 5614.3/1

-42.744 $\pm$ 0.000 χ^2 /NDF: 31548.7/19

-17.157 $\pm$ 0.000 χ^2 /NDF: 404170008922

29.754 $\pm$ 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: 0.821+/-0.020 χ^2/NDF :2318.2/2

Right Out: -18.504+/-0.000 χ^2/NDF : 7585770.7/19

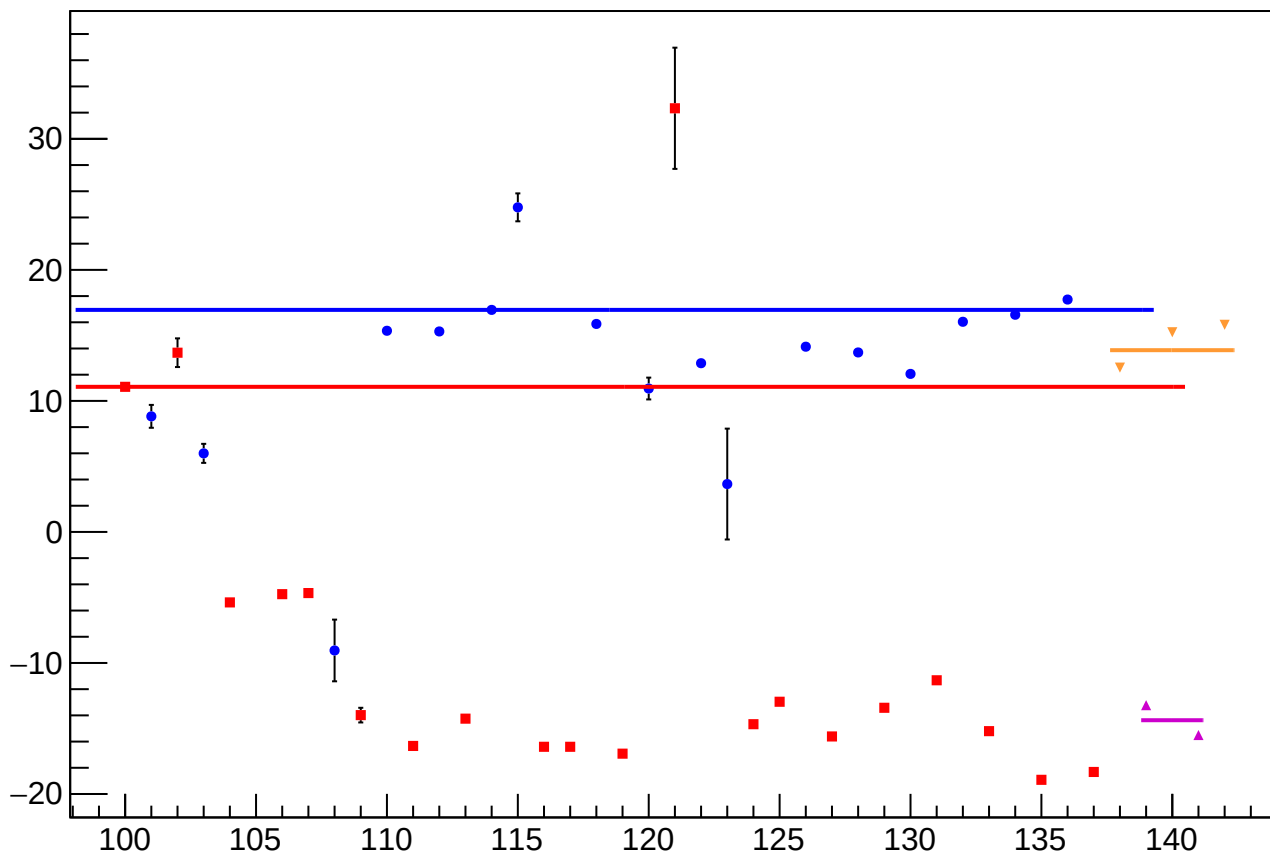
Left In: -0.903+/-0.021 χ^2/NDF :157.1/1

-9.259+/-0.000 χ^2/NDF : 666429.4/19

-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: 13.871 $\pm$ 0.021 χ^2/NDF : 4737.7/2

Right Out: 11.075 $\pm$ 0.000 χ^2/NDF : 2859461.1/19

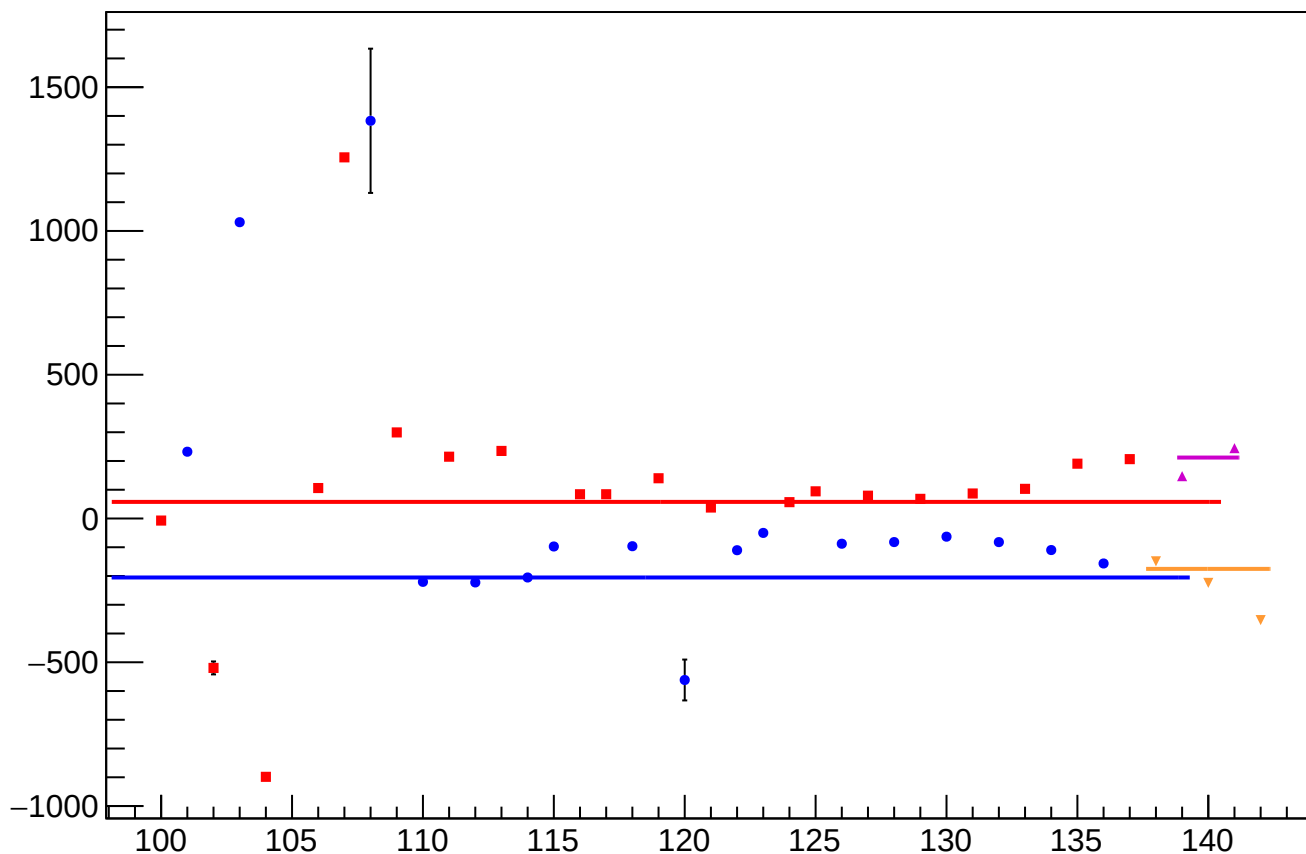
Left In: -14.370 $\pm$ 0.030 χ^2/NDF : 1394.8/1

16.947 $\pm$ 0.000 χ^2/NDF : 36797.5/19

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 $\chi^2/\text{NDF}: 582775.6/16$

Left Out: -175.231 ± 0.596 $\chi^2/\text{NDF}: 6480.3/2$

Right Out: 57.737 ± 0.283 $\chi^2/\text{NDF}: 114872.3/19$

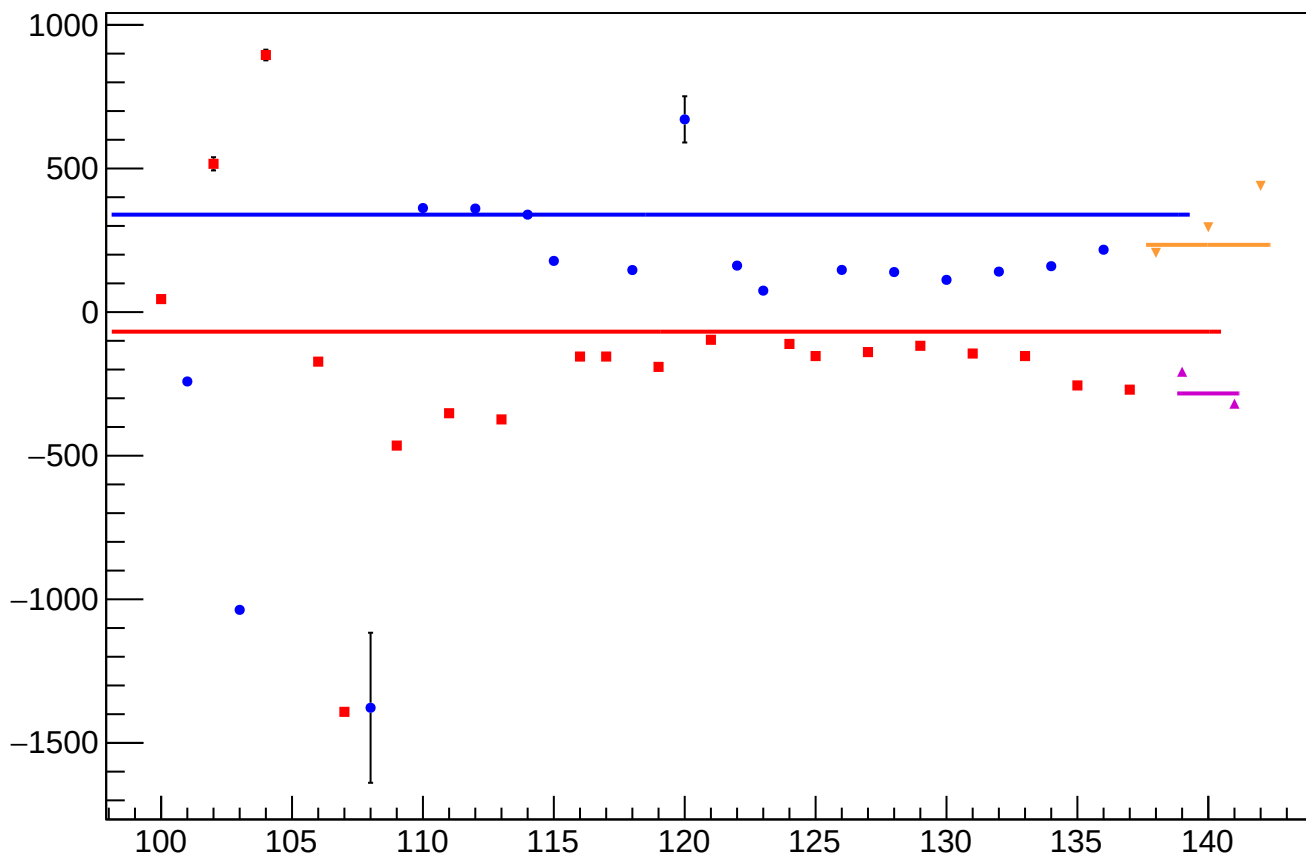
Left In: 211.934 ± 0.904 $\chi^2/\text{NDF}: 2589.9/1$

-205.160 ± 0.000 $\chi^2/\text{NDF}: 591773.9/19$

-205.160 ± 0.000 $\chi^2/\text{NDF}: 1784768.4/41$

71.512 ± 0.270 $\chi^2/\text{NDF}: 143972.2/21$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 339.325 ± 0.000 $\chi^2/\text{NDF}: 1030606.3/16$

Left Out: 234.209 ± 0.613 $\chi^2/\text{NDF}: 7727.7/2$

Right Out: -68.121 ± 0.286 $\chi^2/\text{NDF}: 272433.9/19$

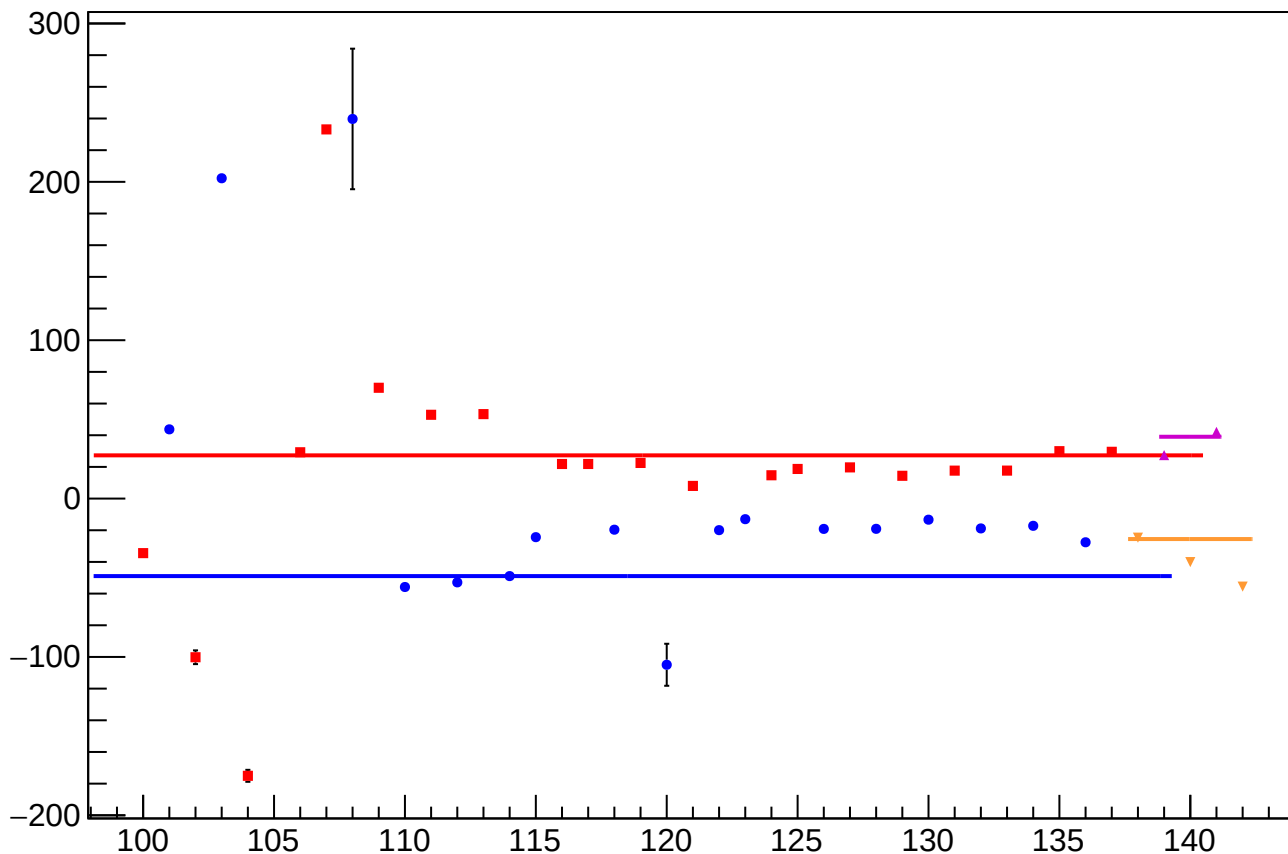
Left In: -283.200 ± 0.946 $\chi^2/\text{NDF}: 3009.3/1$

339.325 ± 0.000 $\chi^2/\text{NDF}: 1067731.5/19$

339.325 ± 0.000 $\chi^2/\text{NDF}: 3806942.0/41$

-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 χ^2/NDF : 5408370.4/16

Left Out: -25.554 ± 0.024 χ^2/NDF : 28019.6/2

Right Out: 27.292 ± 0.052 χ^2/NDF : 167901.6/19

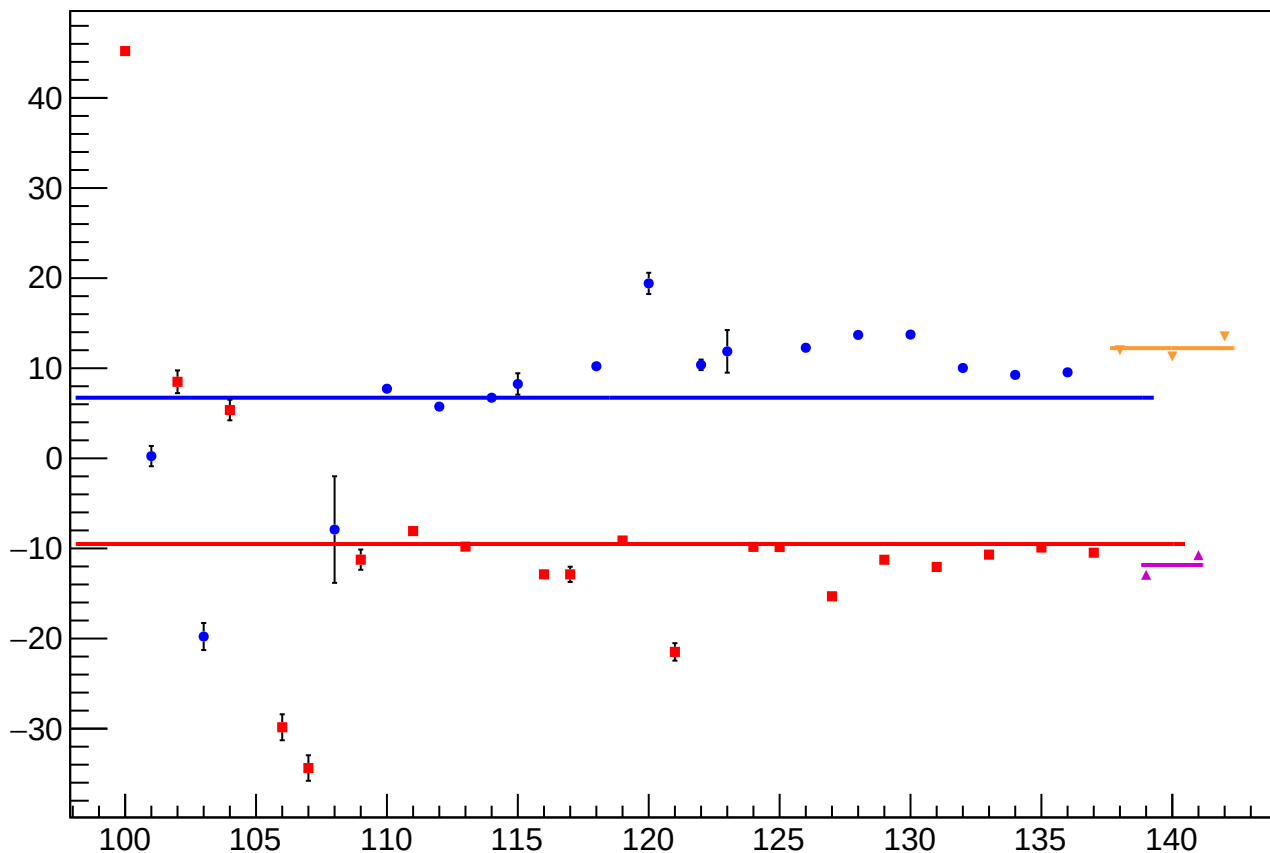
Left In: 39.039 ± 0.066 χ^2/NDF : 8160.0/1

-48.945 ± 0.000 χ^2/NDF : 6350536.1/19

-48.945 ± 0.000 χ^2/NDF : 10470977.6/41

31.735 ± 0.041 χ^2/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: 12.230 $\pm$ 0.042 χ^2 /NDF: 472.7/2

Right Out: -9.508 $\pm$ 0.036 χ^2 /NDF: 26838.0/19

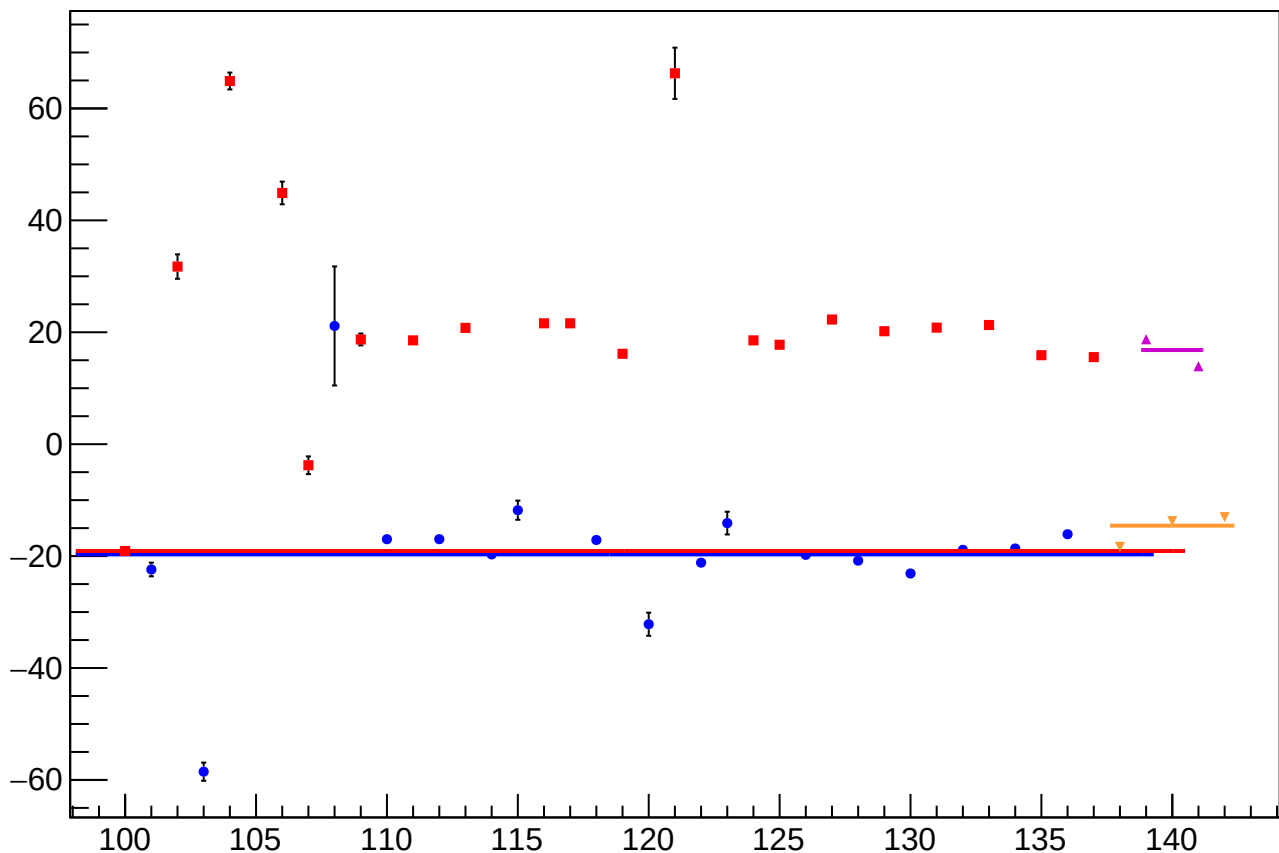
Left In: -11.836 $\pm$ 0.057 χ^2 /NDF: 362.6/1

6.728 $\pm$ 0.000 χ^2 /NDF: 31058.4/19

6.728 $\pm$ 0.000 χ^2 /NDF: 371686.4/41

-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 $\chi^2/\text{NDF}: 7579.0/16$

Left Out: -14.560 ± 0.058 $\chi^2/\text{NDF}: 1308.8/2$

Right Out: -19.086 ± 0.000 $\chi^2/\text{NDF}: 614503.5/19$

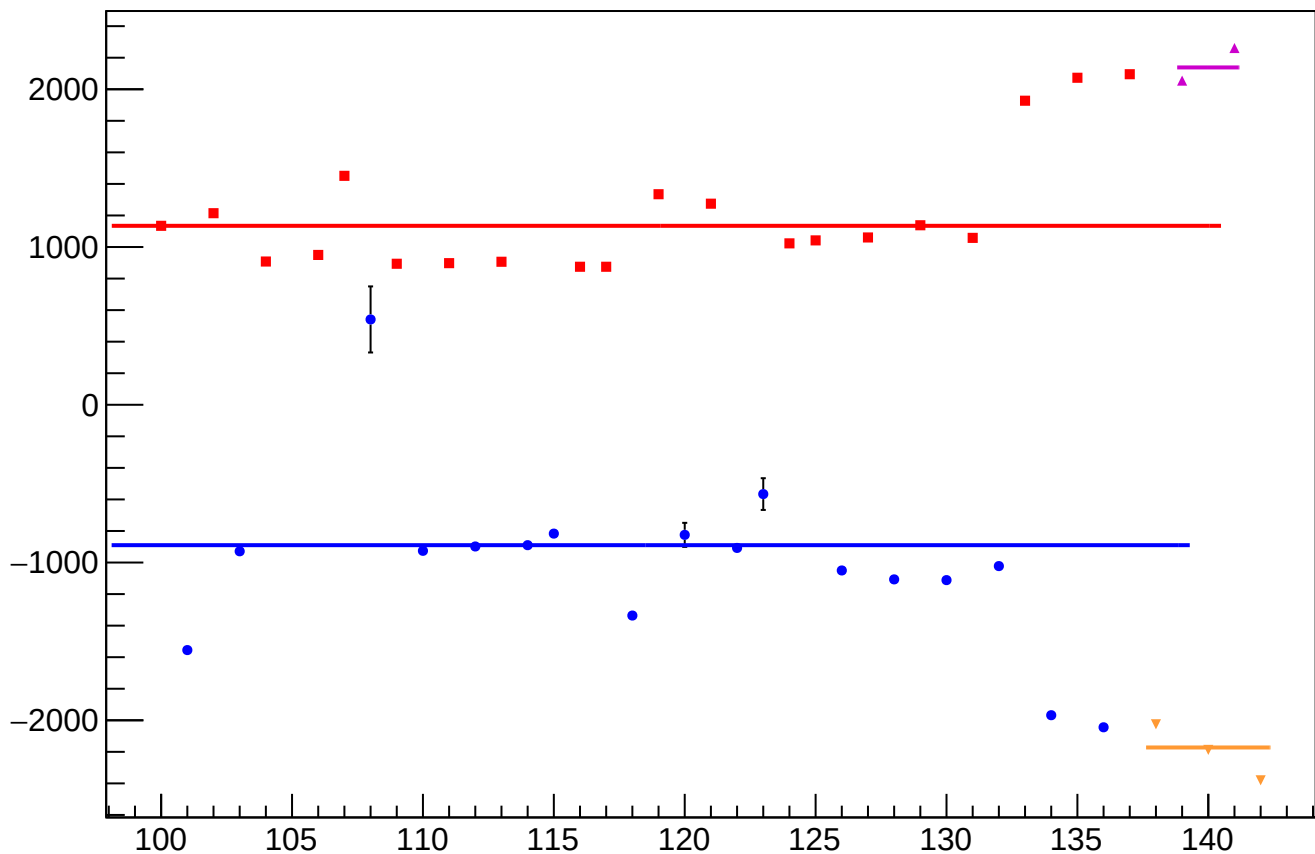
Left In: 16.827 ± 0.081 $\chi^2/\text{NDF}: 841.0/1$

-19.693 ± 0.000 $\chi^2/\text{NDF}: 16847.1/19$

-19.479 ± 0.000 $\chi^2/\text{NDF}: 113264166208$

-19.086 ± 0.000 $\chi^2/\text{NDF}: 809936.4/21$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -889.928+/-0.000 χ^2 /NDF: 775896.0/16

Left Out: -2172.319+/-1.292 χ^2 /NDF: 8892.1/2

Right Out: 1134.421+/-0.000 χ^2 /NDF: 735976.1/19

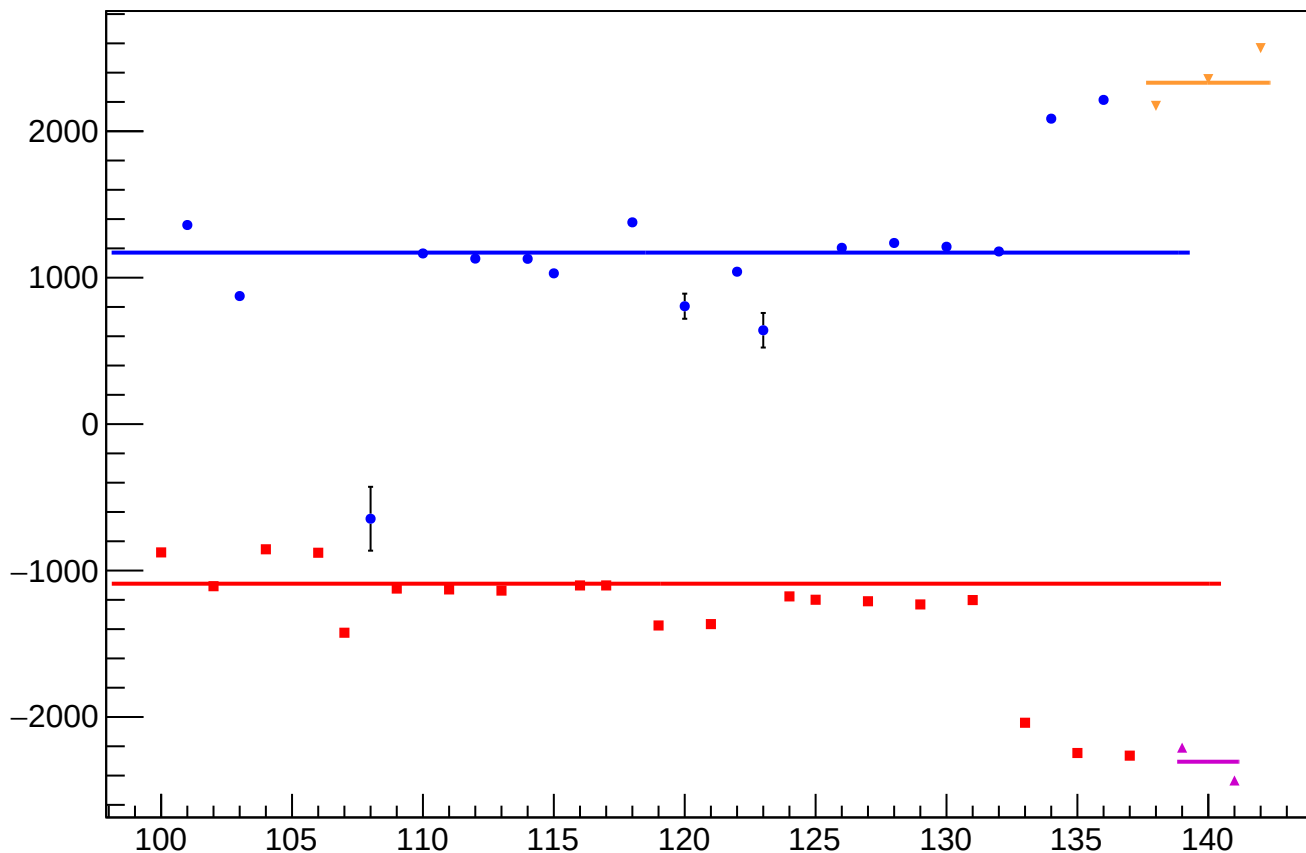
Left In: 2138.353+/-1.385 χ^2 /NDF: 5357.3/1

-889.928+/-0.000 χ^2 /NDF: 1769503.5/19

-175.452+/-0.000 χ^2 /NDF: 30774122941

1134.421+/-0.000 χ^2 /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: 2331.273 $\pm$ 1.326 χ^2/NDF :10758.5/2

Right Out: -1089.717 $\pm$ 0.253 χ^2/NDF : 1100324.0/19

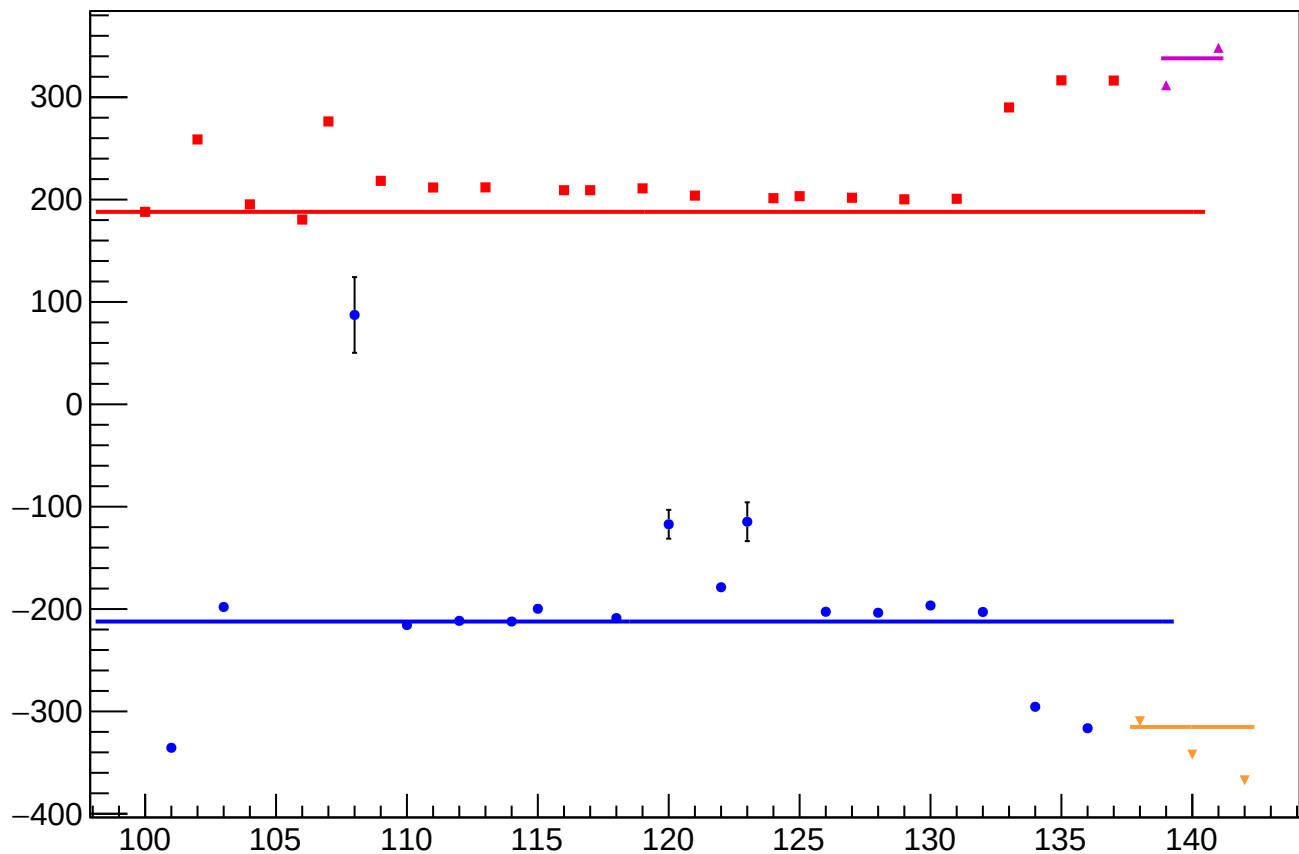
Left In: -2305.395 $\pm$ 1.452 χ^2/NDF :5841.5/1

1209.612 $\pm$ 0.241 χ^2/NDF : 1260098.4/19

81.322 $\pm$ 0.173 χ^2/NDF : 48307024.2/41

-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 χ^2/NDF : 1149195.1/16

Left Out: -315.167+/-0.071 χ^2/NDF : 39158.2/2

Right Out: 188.033+/-0.000 χ^2/NDF : 602532.6/19

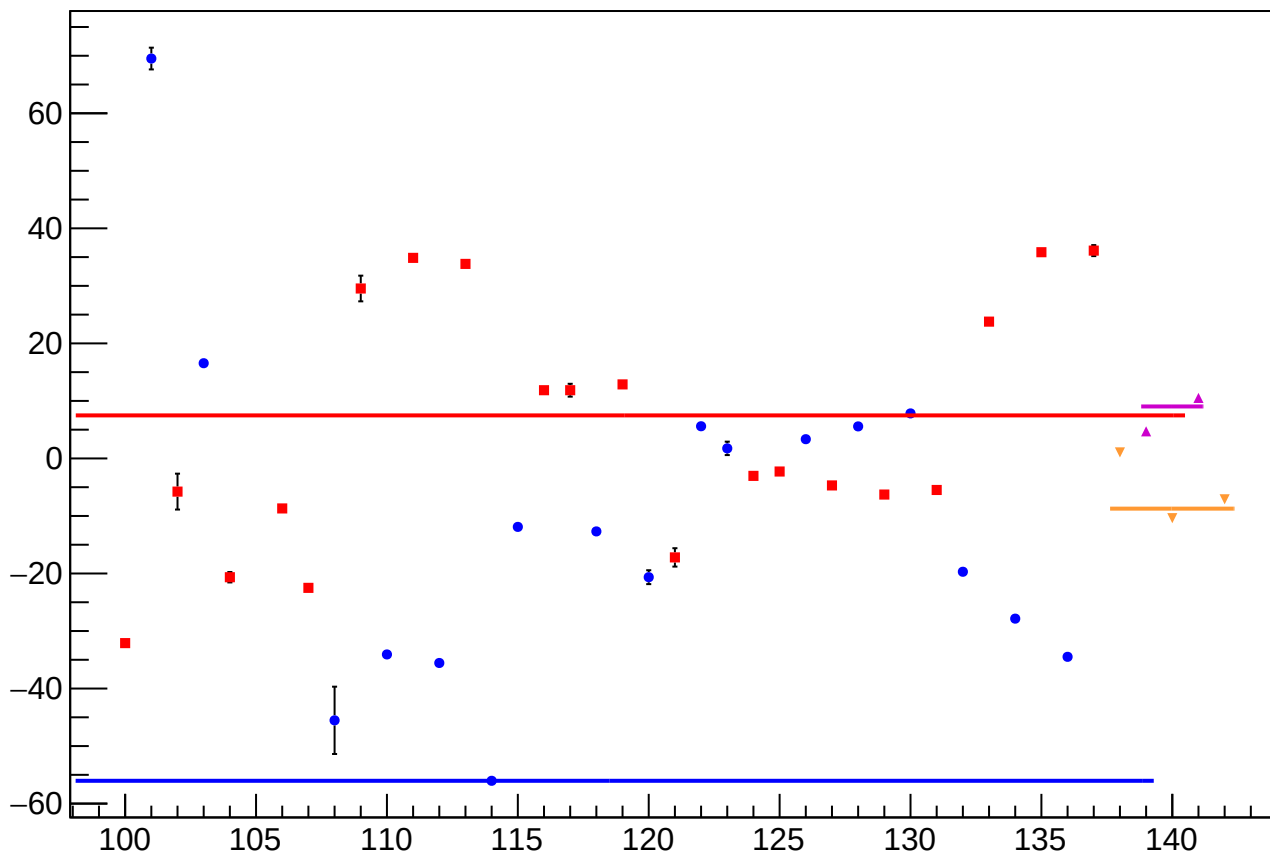
Left In: 337.999+/-0.103 χ^2/NDF : 25344.3/1

-212.190+/-0.000 χ^2/NDF : 3304430.3/19

62.249+/-0.000 χ^2/NDF : 3739212703286

188.033+/-0.000 χ^2/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: -8.726+/-0.114 χ^2/NDF : 815.9/2

Right Out: 7.483+/-0.042 χ^2/NDF : 173909.3/19

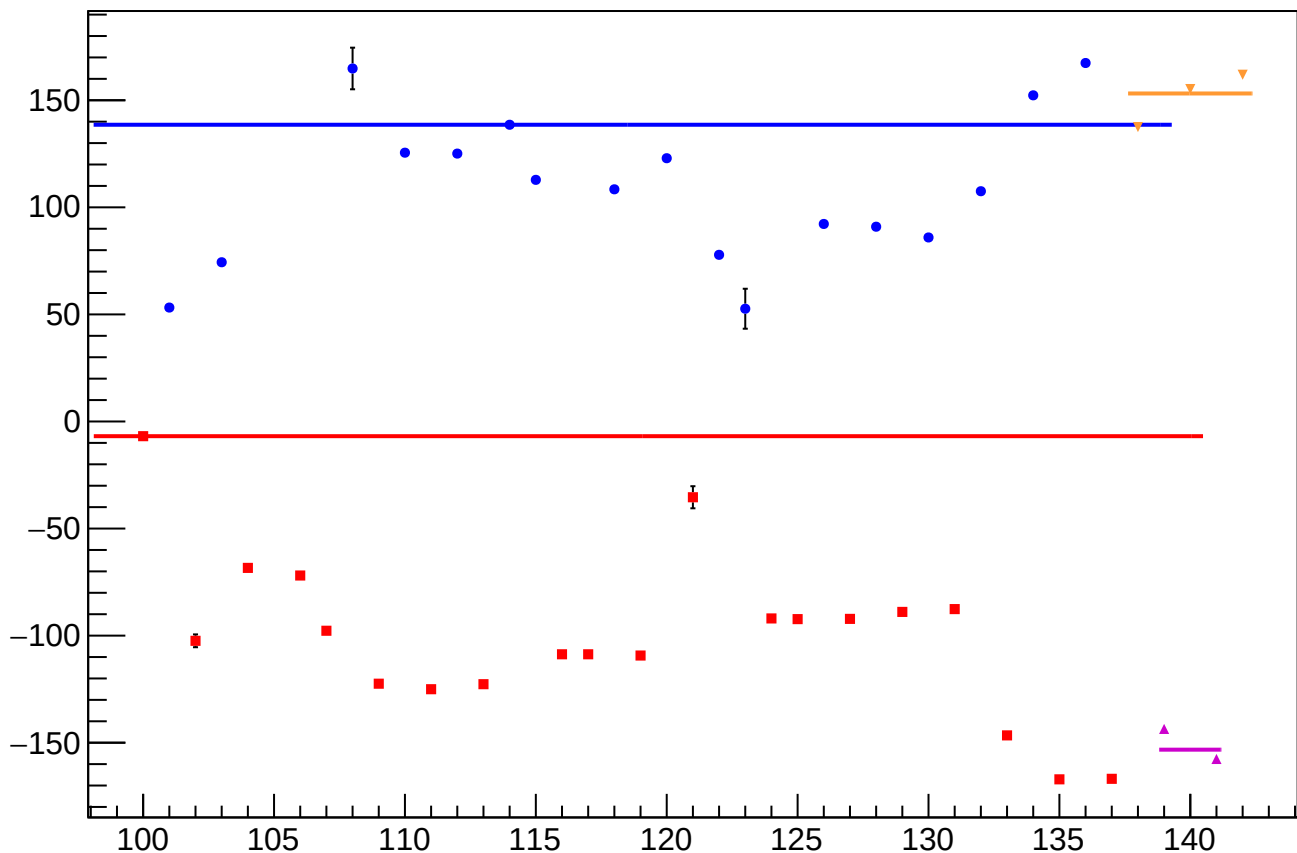
Left In: 9.036+/-0.082 χ^2/NDF : 967.6/1

-56.037+/-0.000 χ^2/NDF : 1758727.2/19

-56.037+/-0.000 χ^2/NDF : 4842163.4/41

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: 153.169 +/- 0.149 χ^2/NDF : 2643.9/2

Right Out: -6.866 +/- 0.000 χ^2/NDF : 8049995.3/19

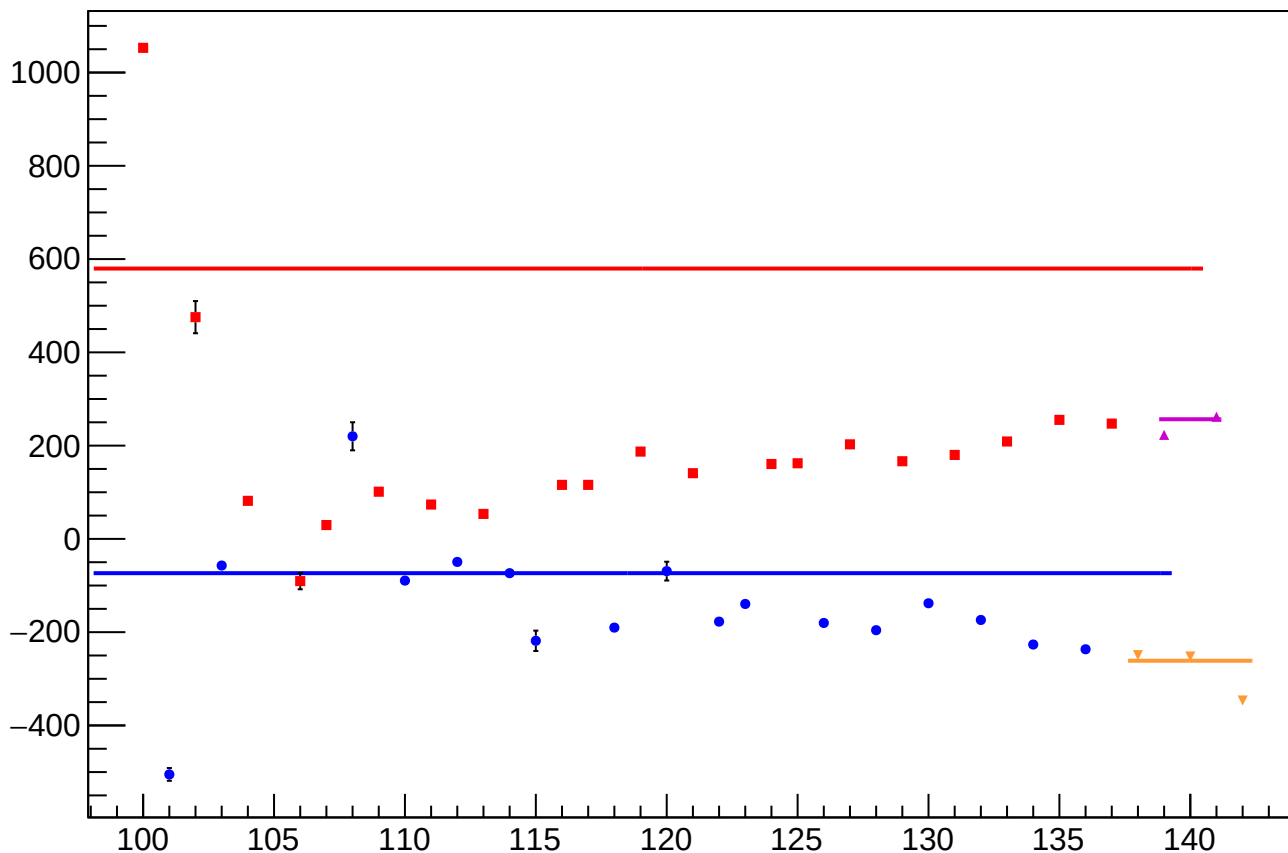
Left In: -153.255 +/- 0.098 χ^2/NDF : 4404.1/1

138.565 +/- 0.000 χ^2/NDF : 913419.1/19

-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 χ^2/NDF : 98703.2/16

Left Out: -261.254 ± 0.556 χ^2/NDF : 2958.6/2

Right Out: 579.681 ± 0.261 χ^2/NDF : 3035573.4/19

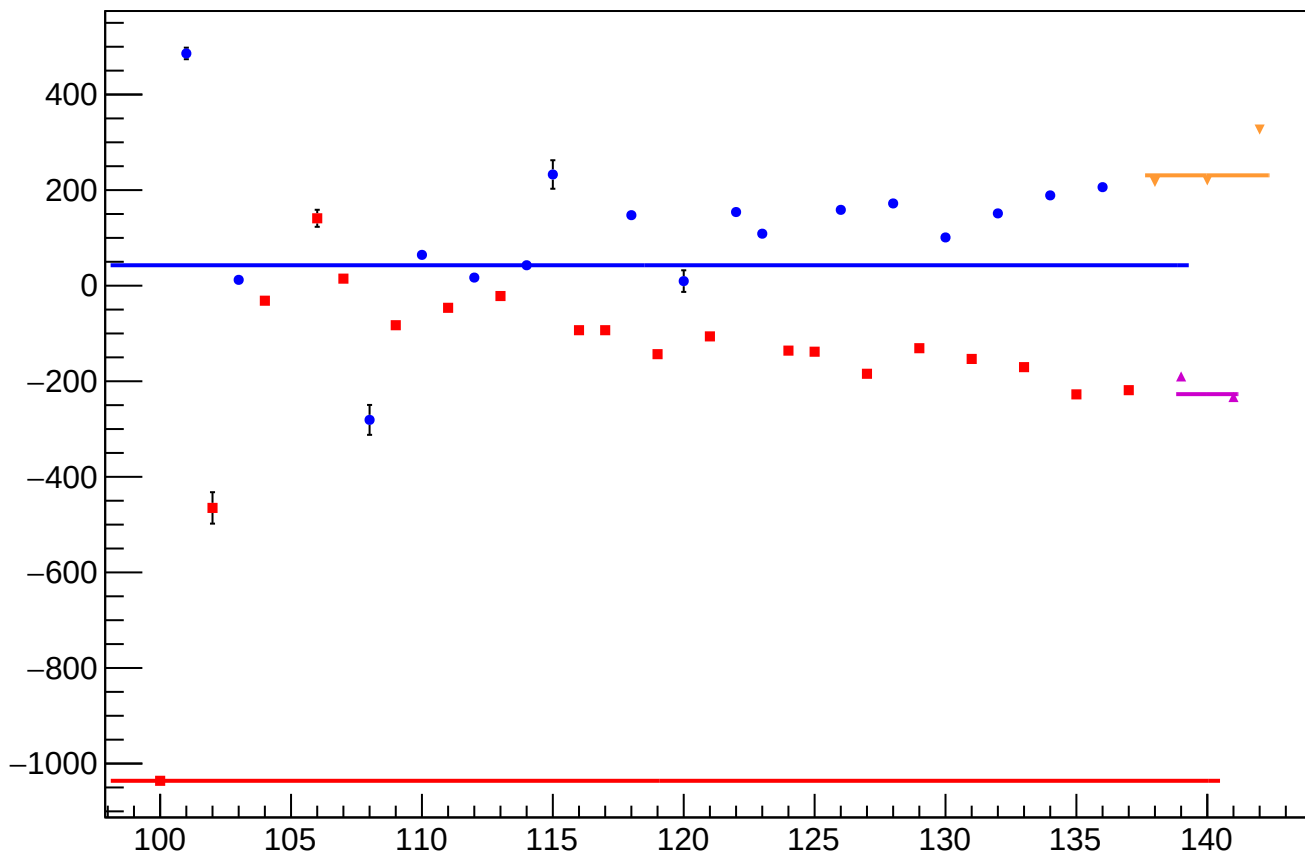
Left In: 256.582 ± 0.658 χ^2/NDF : 414.9/1

-73.485 ± 0.000 χ^2/NDF : 215762.8/19

-73.485 ± 0.000 χ^2/NDF : 9777040.6/41

535.785 ± 0.242 χ^2/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: 230.906+/-0.578 χ^2 /NDF: 3595.5/2

Right Out: -1036.068+/-0.000 χ^2 /NDF: 4943495.9/19

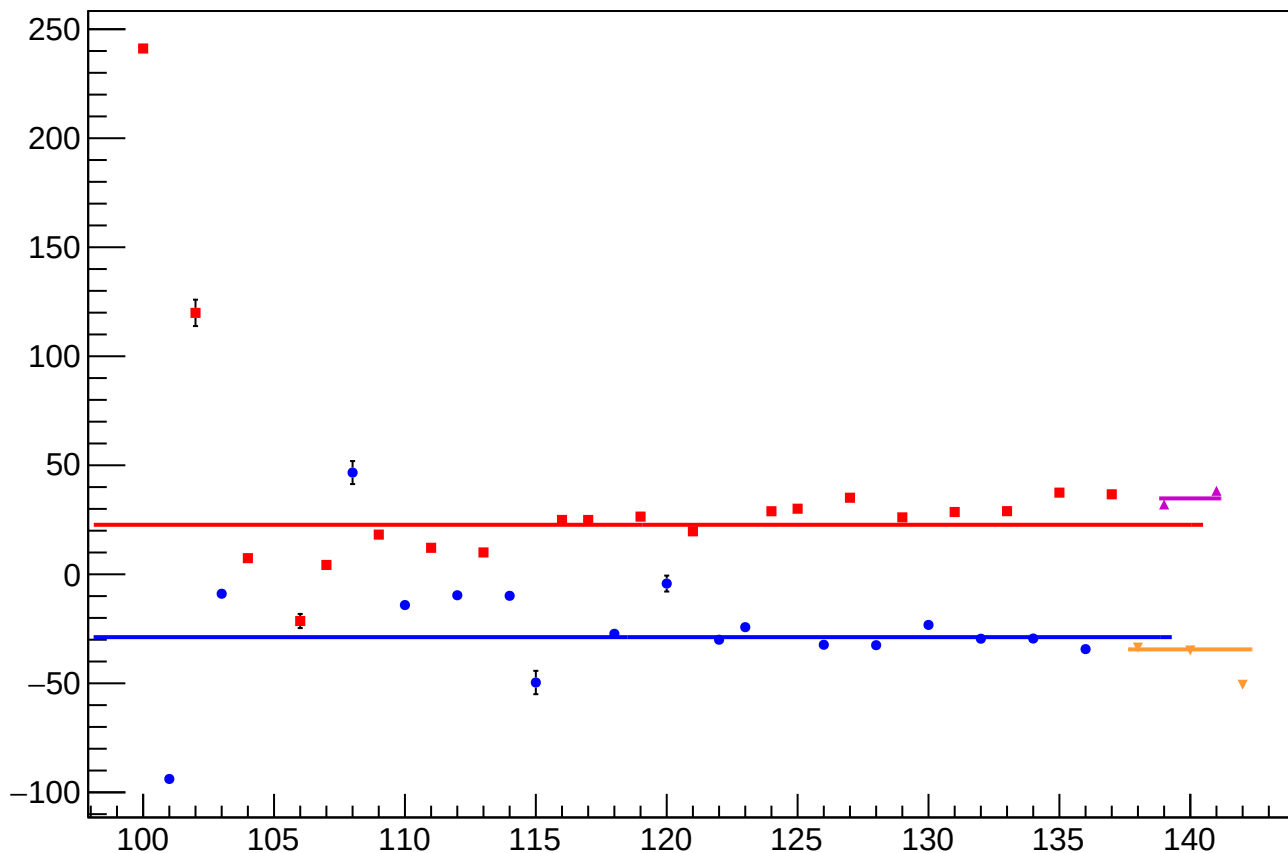
Left In: -226.965+/-0.680 χ^2 /NDF: 485.5/1

42.743+/-0.000 χ^2 /NDF: 194253.2/19

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: -34.437 ± 0.035 χ^2/NDF : 9147.3/2

Right Out: 22.709 ± 0.038 χ^2/NDF : 410178.0/19

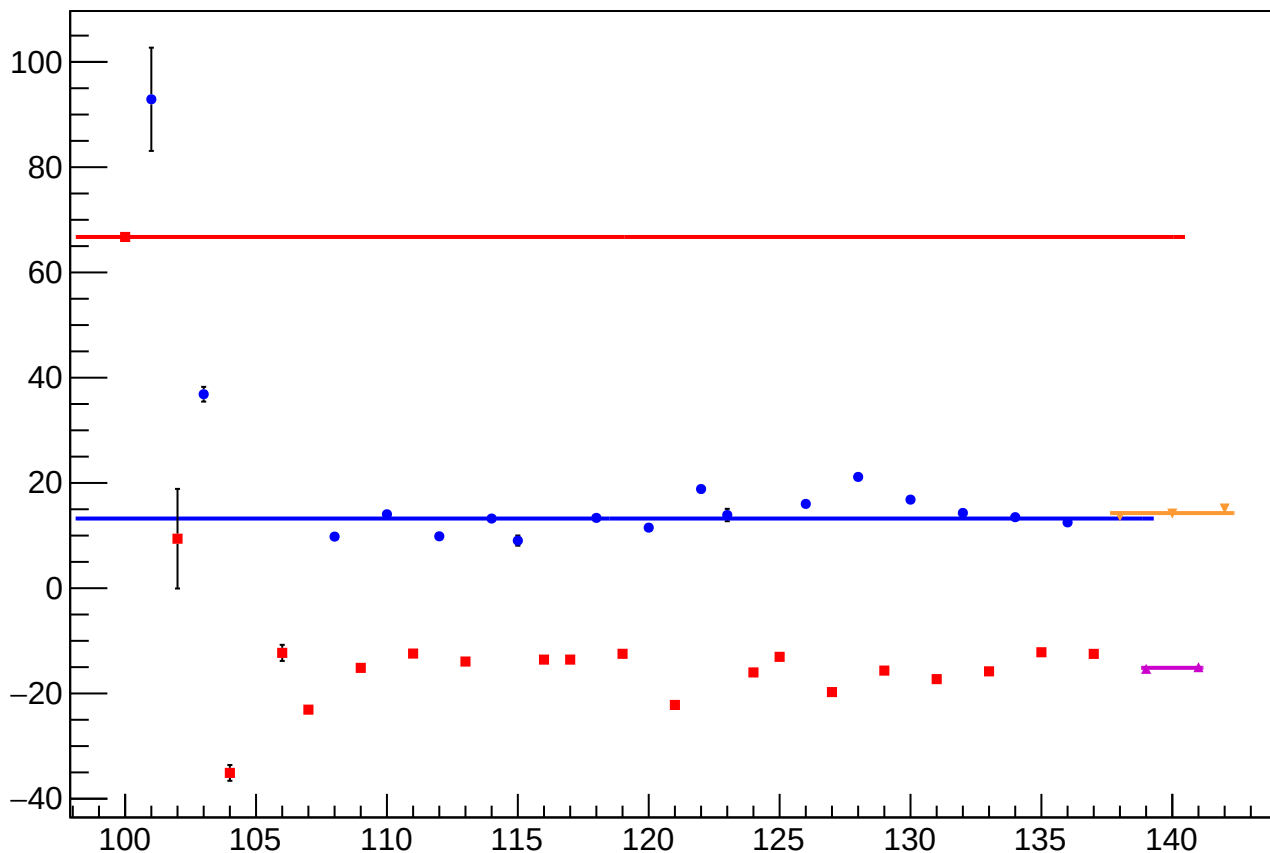
Left In: 34.804 ± 0.045 χ^2/NDF : 4752.6/1

-31.615 ± 0.025 χ^2/NDF : 71641.2/19

-6.828 ± 0.019 χ^2/NDF : 2953883.4/41

27.742 ± 0.029 χ^2/NDF : 456940.2/21

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 13.238 ± 0.000 $\chi^2/\text{NDF}: 5756.1/16$

Left Out: 14.277 ± 0.046 $\chi^2/\text{NDF}: 82.4/2$

Right Out: 66.739 ± 0.000 $\chi^2/\text{NDF}: 3031217.4/19$

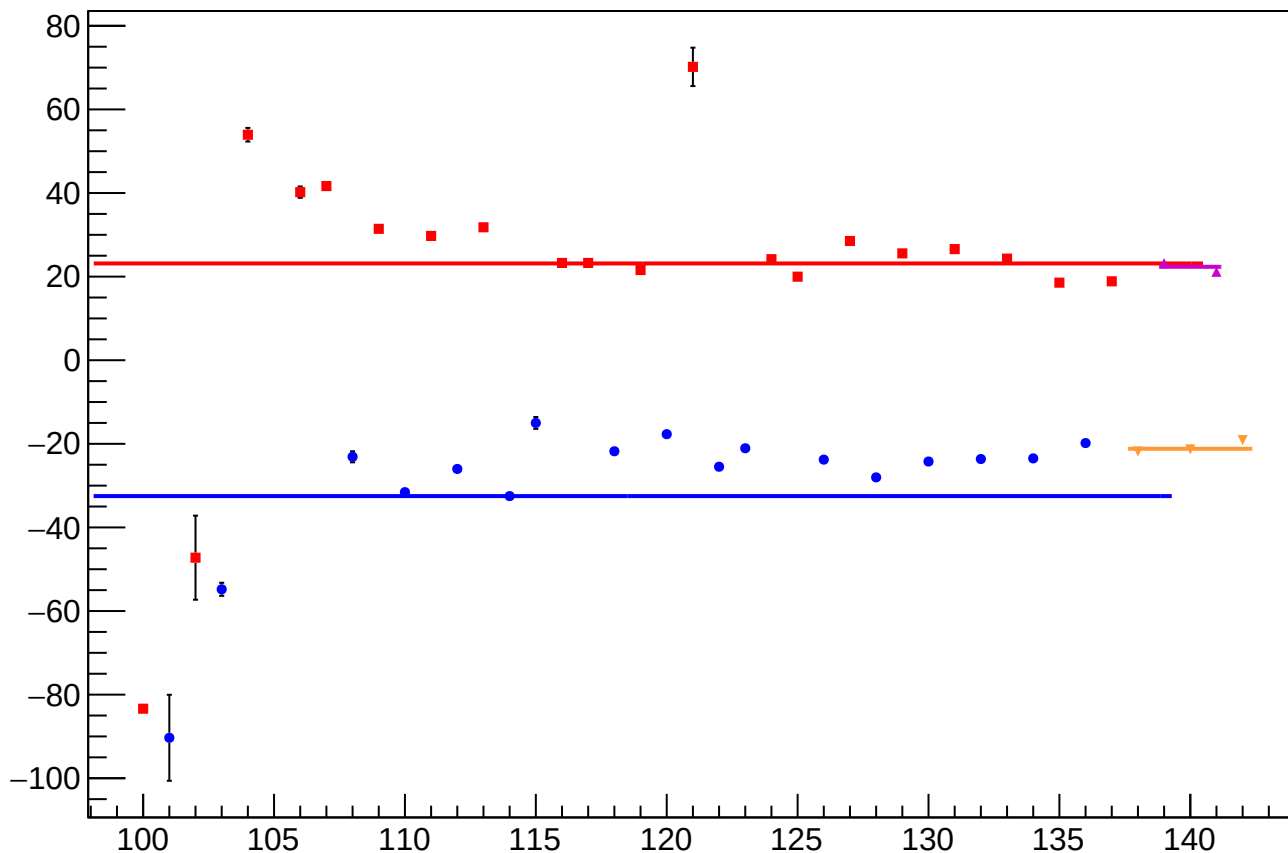
Left In: -15.129 ± 0.046 $\chi^2/\text{NDF}: 11.4/1$

13.238 ± 0.000 $\chi^2/\text{NDF}: 6346.4/19$

13.690 ± 0.000 $\chi^2/\text{NDF}: 8432486222043$

66.739 ± 0.000 $\chi^2/\text{NDF}: 6176718.8/21$

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -21.184 ± 0.059 χ^2/NDF : 180.0/2

Right Out: 23.151 ± 0.048 χ^2/NDF : 90749.4/19

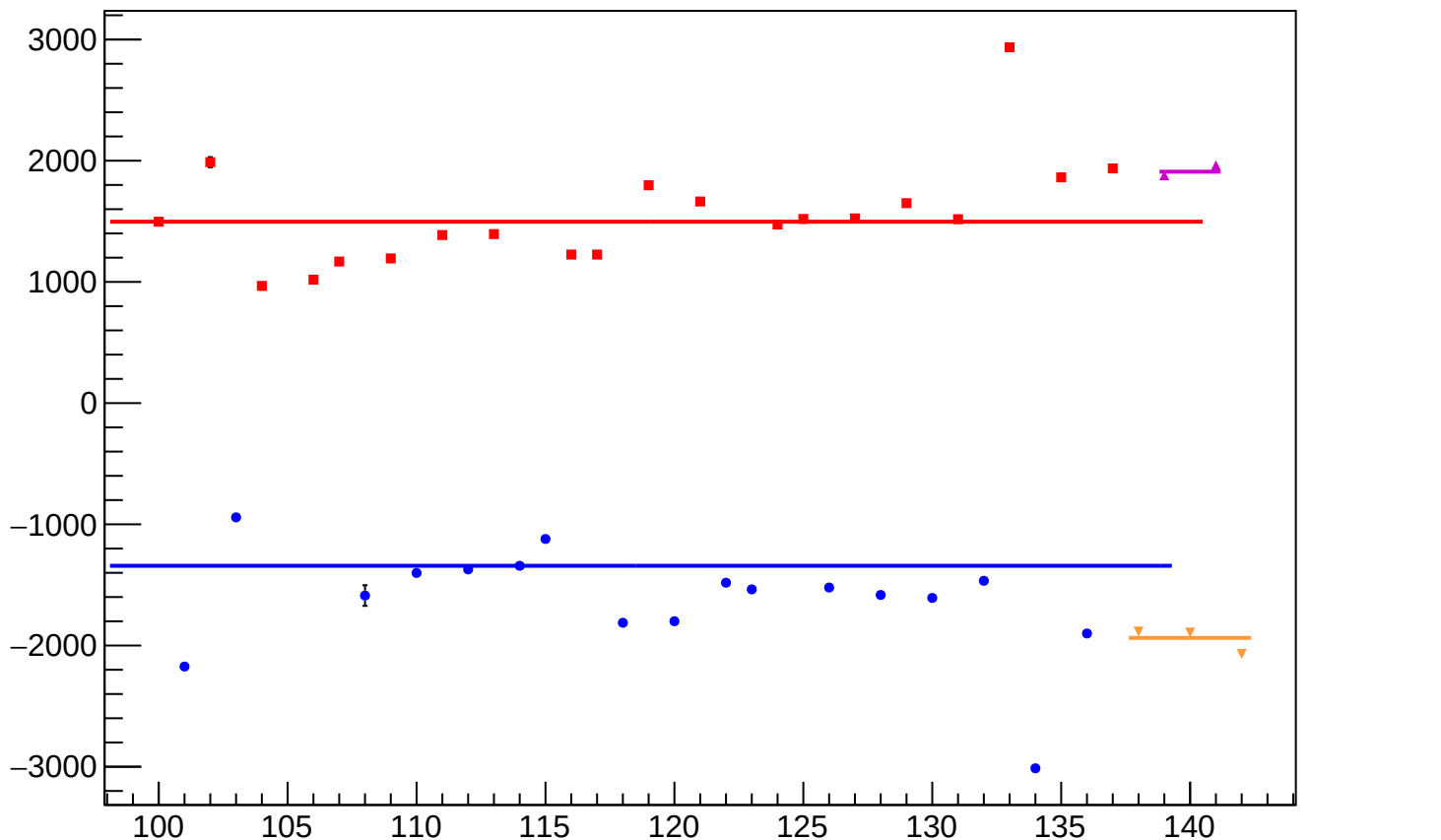
Left In: 22.353 ± 0.076 χ^2/NDF : 180.1/1

-32.504 ± 0.000 χ^2/NDF : 110996.0/19

-32.504 ± 0.000 χ^2/NDF : 2088241.2/41

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: -1937.057+/-1.418 χ^2/NDF :3112.5/2

Right Out: 1496.932+/-0.000 χ^2/NDF : 505489.3/19

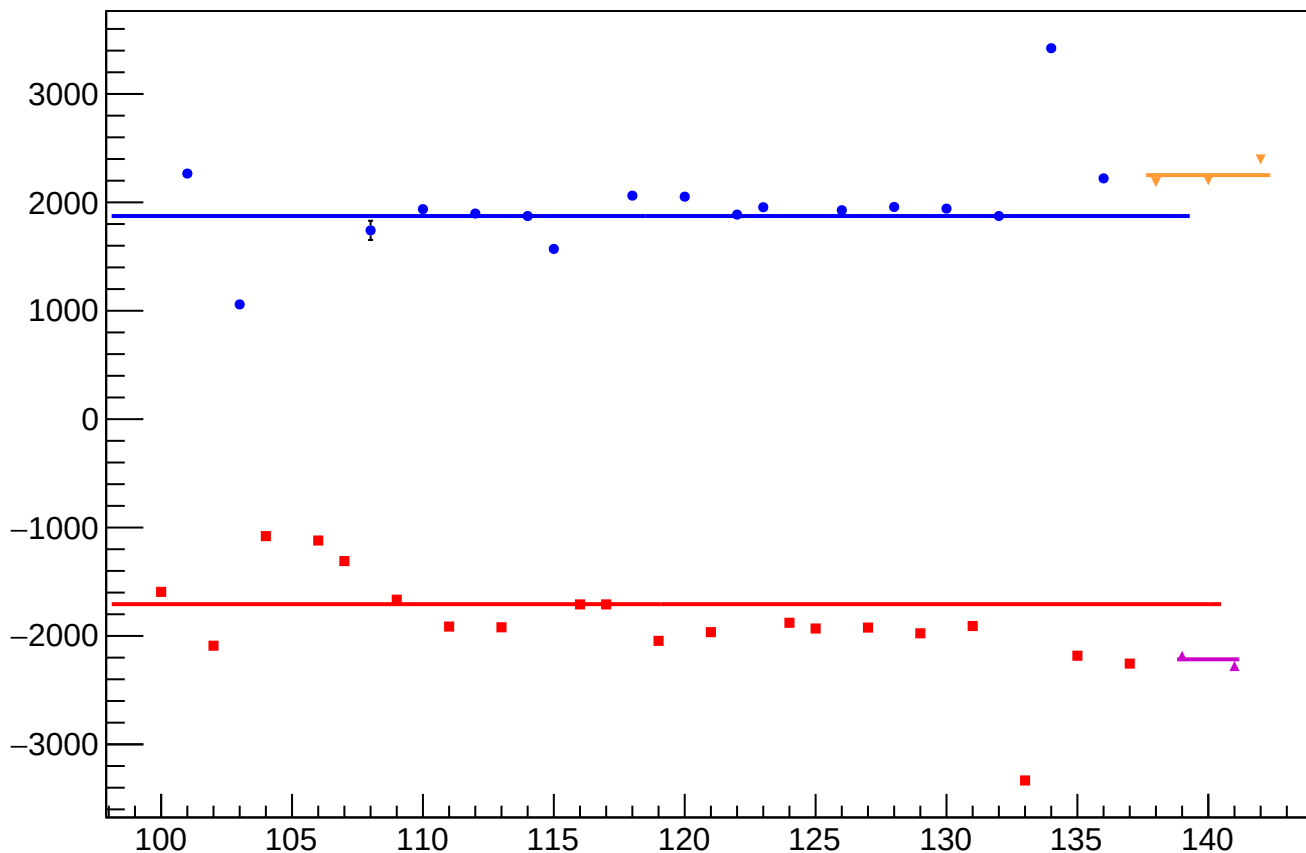
Left In: 1909.495+/-0.886 χ^2/NDF :2027.2/1

-1342.107+/-0.000 χ^2/NDF : 550175.2/19

-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: 2251.411 $\pm$ 1.475 χ^2 /NDF:3699.9/2

Right Out: -1706.740 $\pm$ 0.302 χ^2 /NDF: 837936.9/19

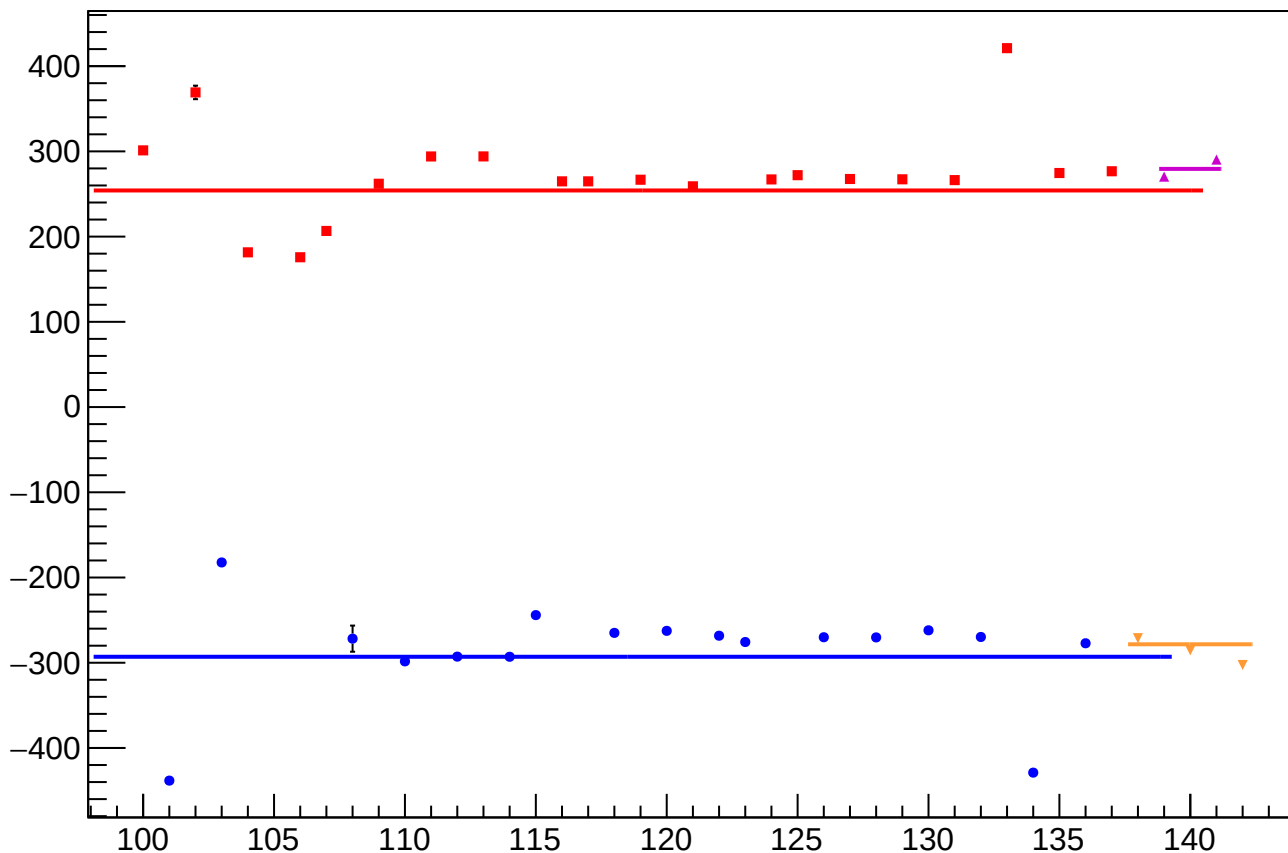
Left In: -2215.816 $\pm$ 0.905 χ^2 /NDF:2440.9/1

1873.852 $\pm$ 0.000 χ^2 /NDF: 270812.9/19

1873.852 $\pm$ 0.000 χ^2 /NDF: 161808677.2/19

-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 χ^2/NDF : 1015592.4/16

Left Out: -278.332+/-0.087 χ^2/NDF :15597.4/2

Right Out: 254.127+/-0.059 χ^2/NDF : 502684.9/19

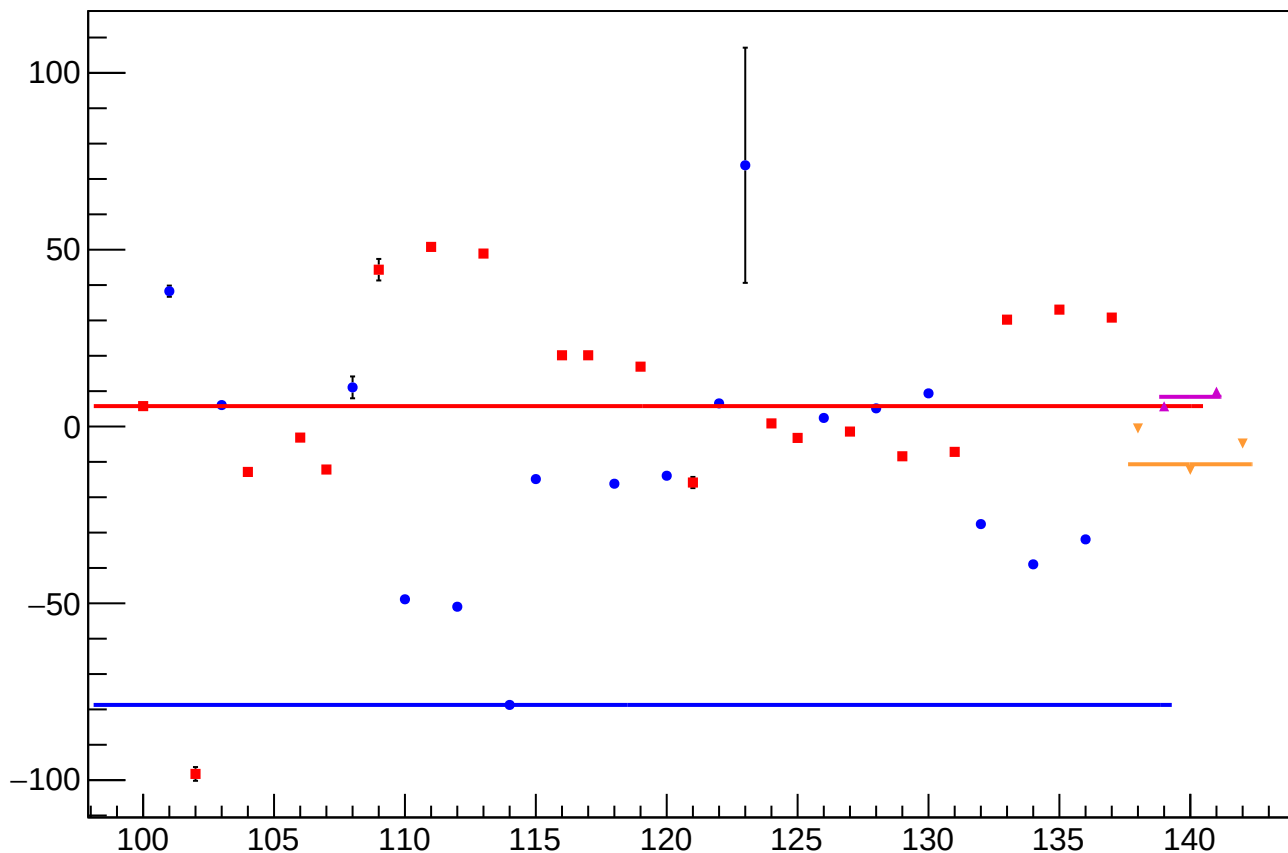
Left In: 279.451+/-0.062 χ^2/NDF :25481.7/1

-292.986+/-0.000 χ^2/NDF : 1059238.7/19

-292.986+/-0.000 χ^2/NDF : 171765230.4/4

266.073+/-0.043 χ^2/NDF : 615135.2/21

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -78.728+/-0.000 χ^2/NDF : 1399088.3/16

Left Out: -10.674+/-0.080 χ^2/NDF : 2005.4/2

Right Out: 5.769+/-0.000 χ^2/NDF : 111755.3/19

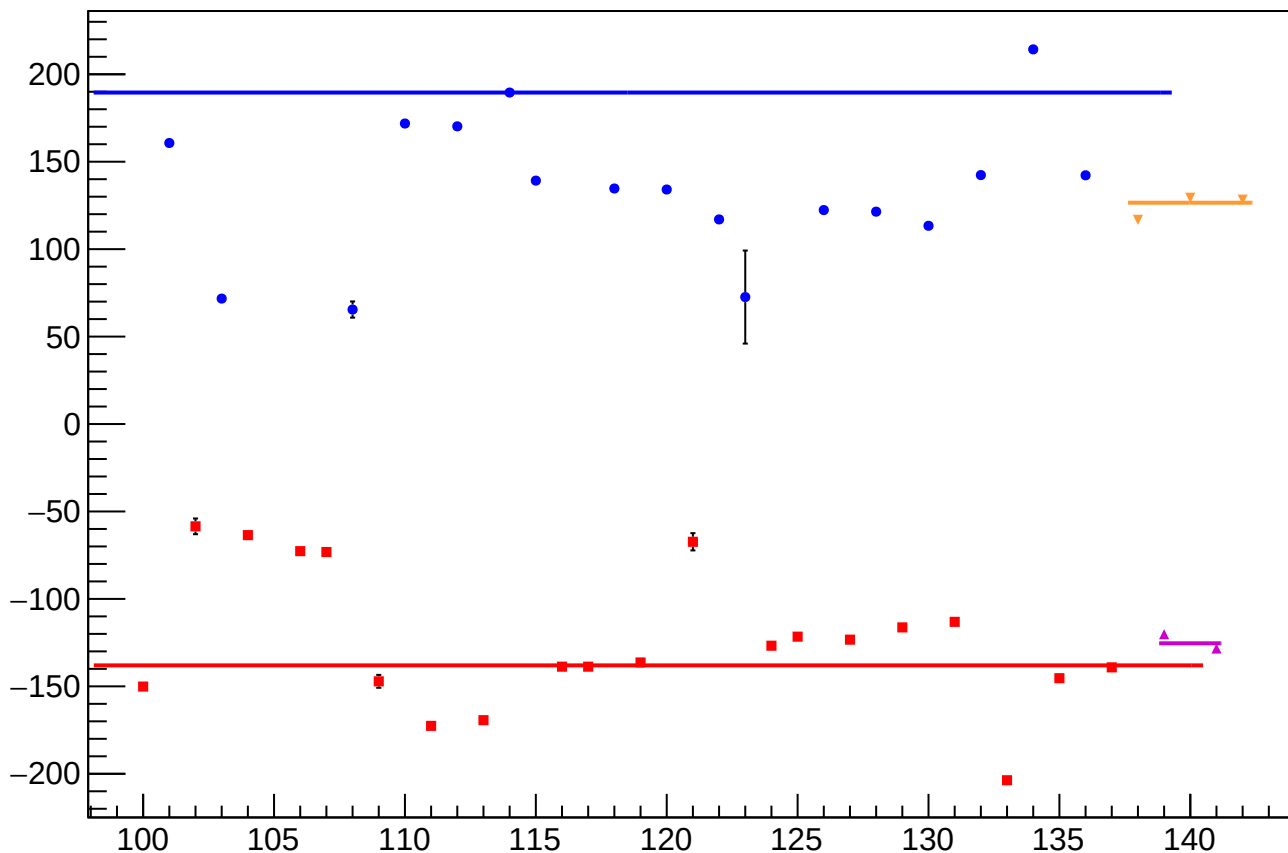
Left In: 8.399+/-0.065 χ^2/NDF : 915.8/1

-78.728+/-0.000 χ^2/NDF : 2132644.7/19

5.169+/-0.000 χ^2/NDF : 38614083696031

5.769+/-0.000 χ^2/NDF : 114299.5/21

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 189.551 ± 0.000 $\chi^2/\text{NDF}: 927391.8/16$

Left Out: 126.561 ± 0.105 $\chi^2/\text{NDF}: 2345.0/2$

Right Out: -138.004 ± 0.059 $\chi^2/\text{NDF}: 117358.3/19$

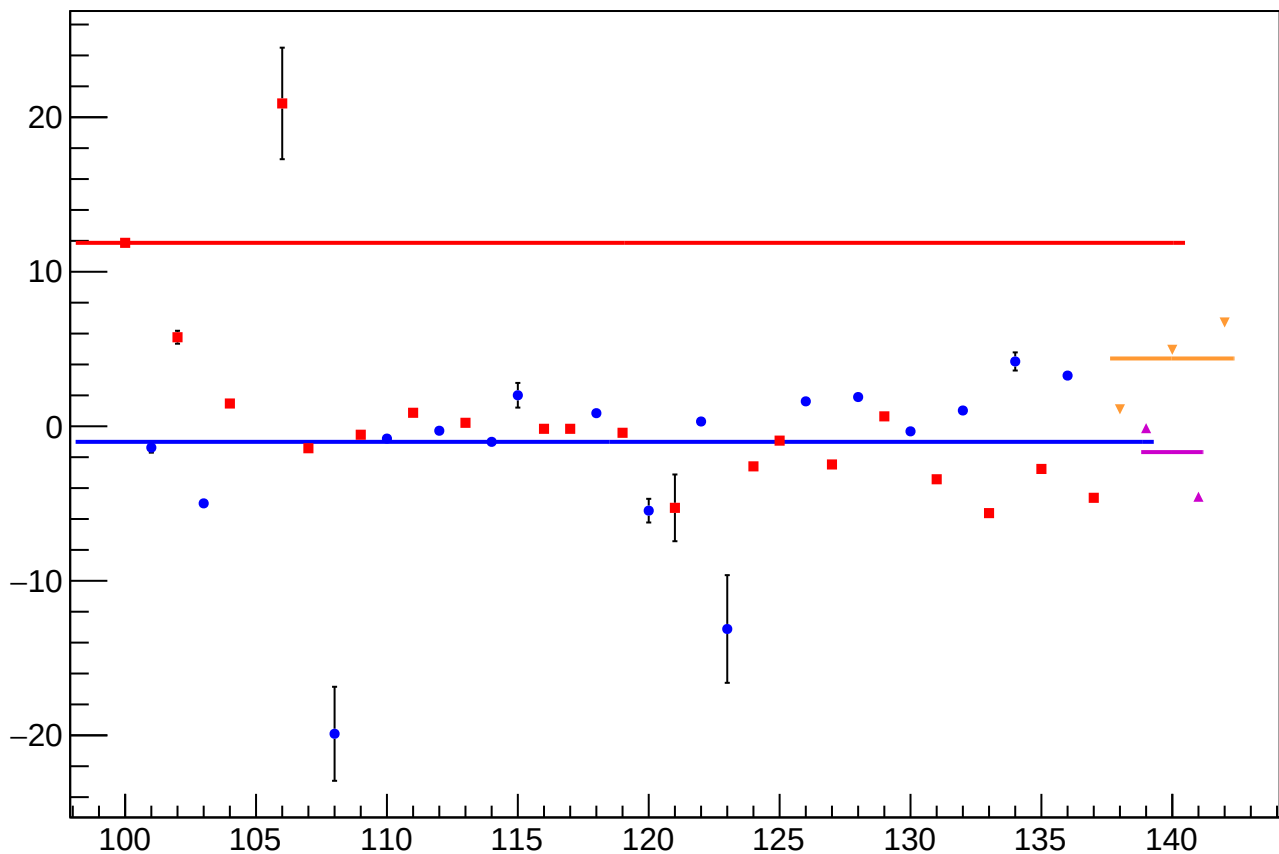
Left In: -125.387 ± 0.067 $\chi^2/\text{NDF}: 3408.4/1$

189.551 ± 0.000 $\chi^2/\text{NDF}: 1291875.2/19$

189.551 ± 0.000 $\chi^2/\text{NDF}: 54109104.4/41$

-132.531 ± 0.044 $\chi^2/\text{NDF}: 140620.3/21$

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 4.388 ± 0.086 χ^2/NDF : 385.4/2

Right Out: 11.872 ± 0.000 χ^2/NDF : 560568.2/19

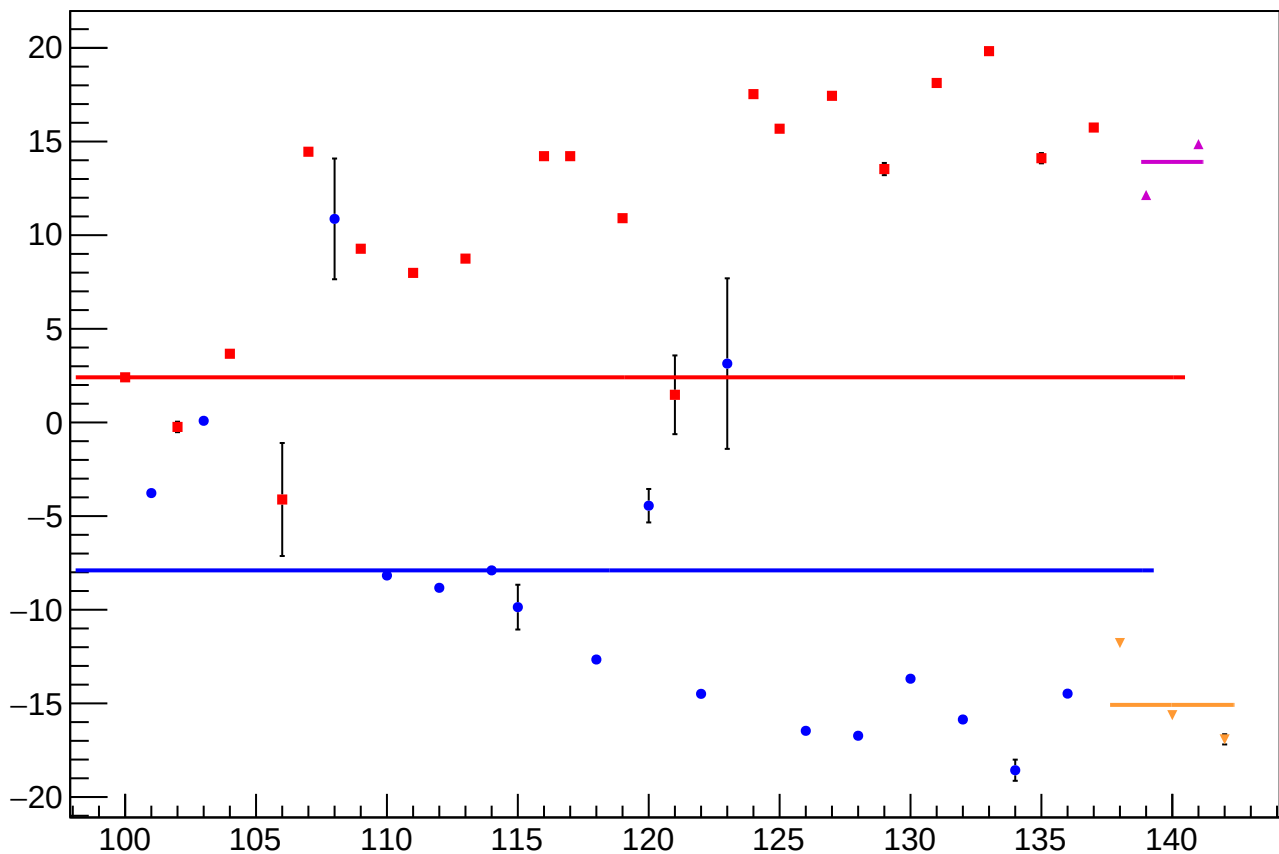
Left In: -1.670 ± 0.053 χ^2/NDF : 1575.8/1

-1.007 ± 0.000 χ^2/NDF : 11363.1/19

-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: -15.080+/-0.085 χ^2/NDF : 340.3/2

Right Out: 2.410+/-0.000 χ^2/NDF : 222300.8/19

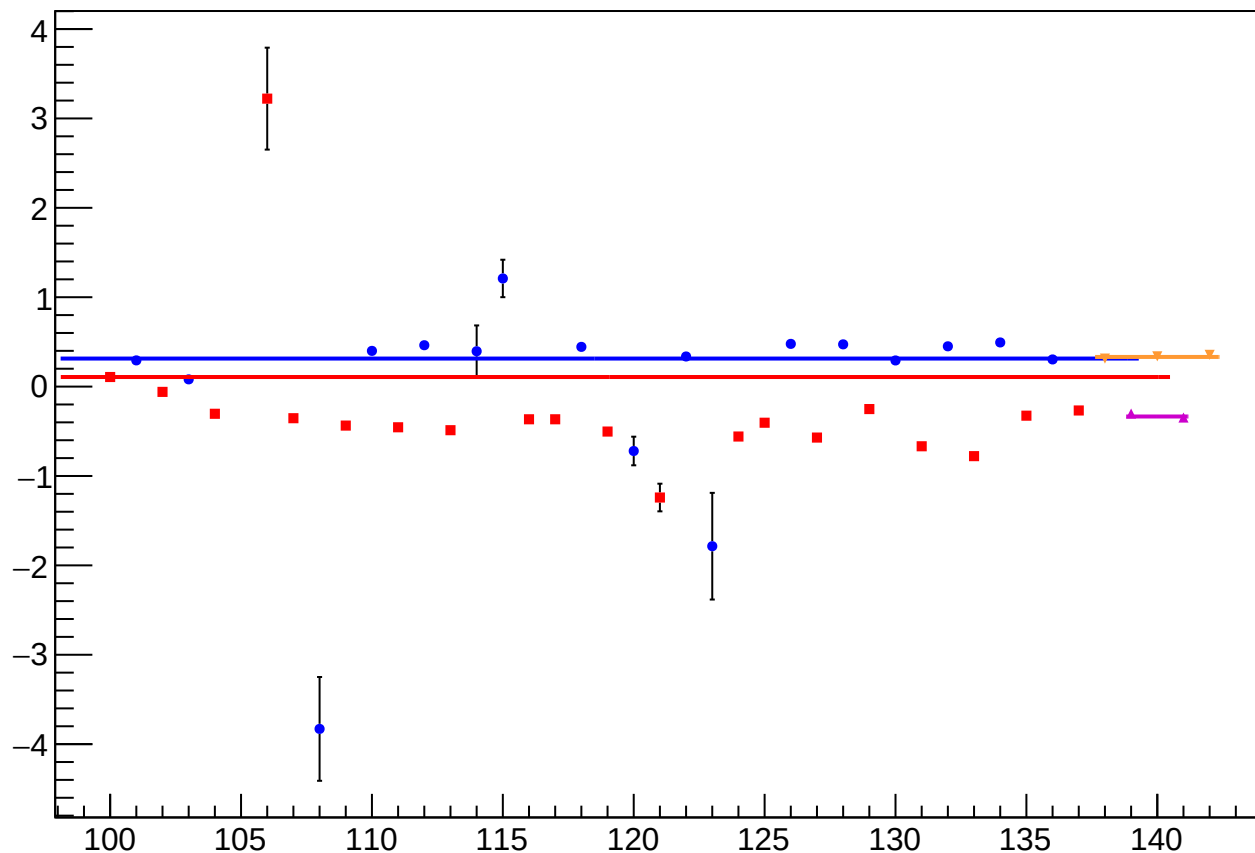
Left In: 13.912+/-0.071 χ^2/NDF : 333.5/1

-7.899+/-0.000 χ^2/NDF : 46905.4/19

-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: 0.332 ± 0.001 χ^2/NDF : 226.6/2

Right Out: 0.107 ± 0.000 χ^2/NDF : 223881.2/19

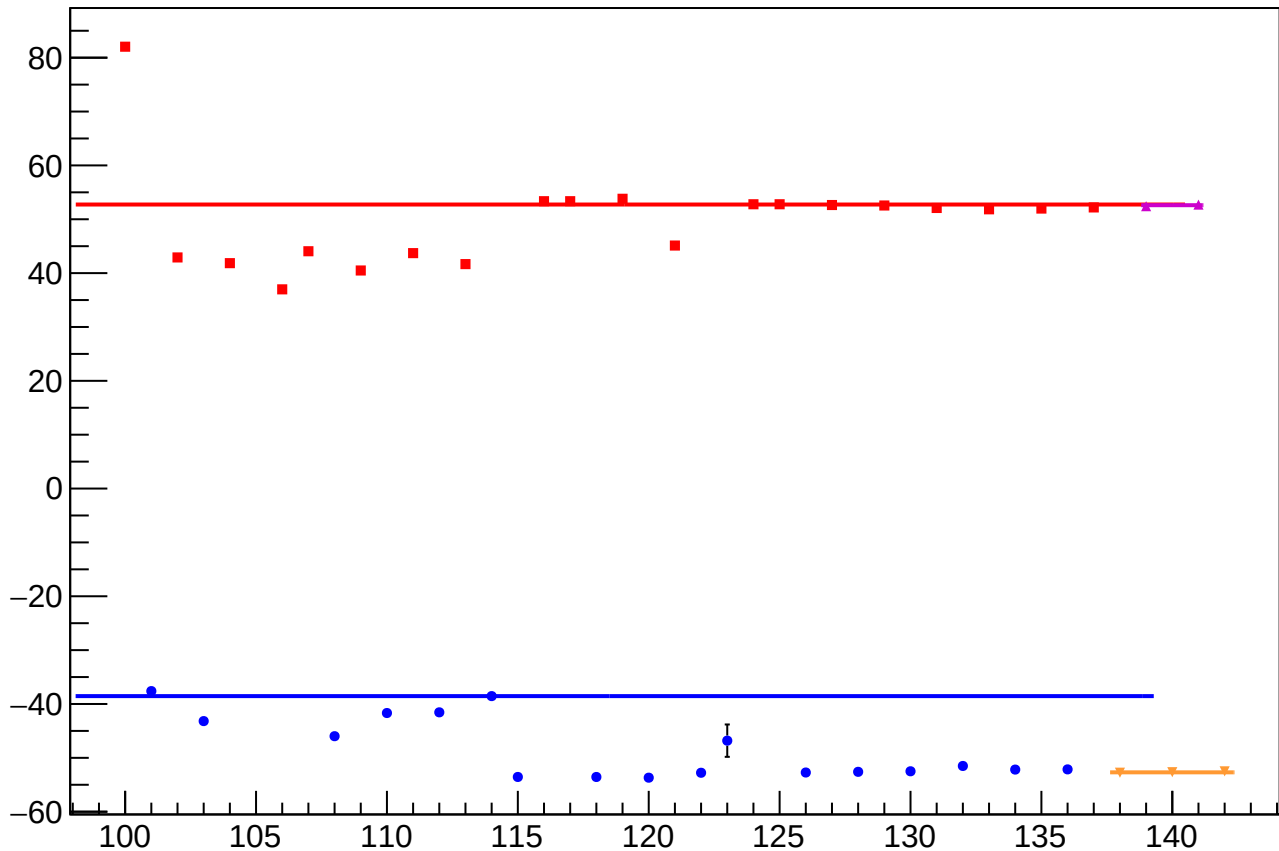
Left In: -0.334 ± 0.001 χ^2/NDF : 256.2/1

0.323 ± 0.001 χ^2/NDF : 3144.4/19

0.107 ± 0.000 χ^2/NDF : 454180.8/41

0.107 ± 0.000 χ^2/NDF : 354294.2/21

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -38.539 ± 0.000 $\chi^2/\text{NDF}: 14950854.6/16$

Left Out: -52.692 ± 0.007 $\chi^2/\text{NDF}: 235.6/2$

Right Out: 52.737 ± 0.002 $\chi^2/\text{NDF}: 87444.8/19$

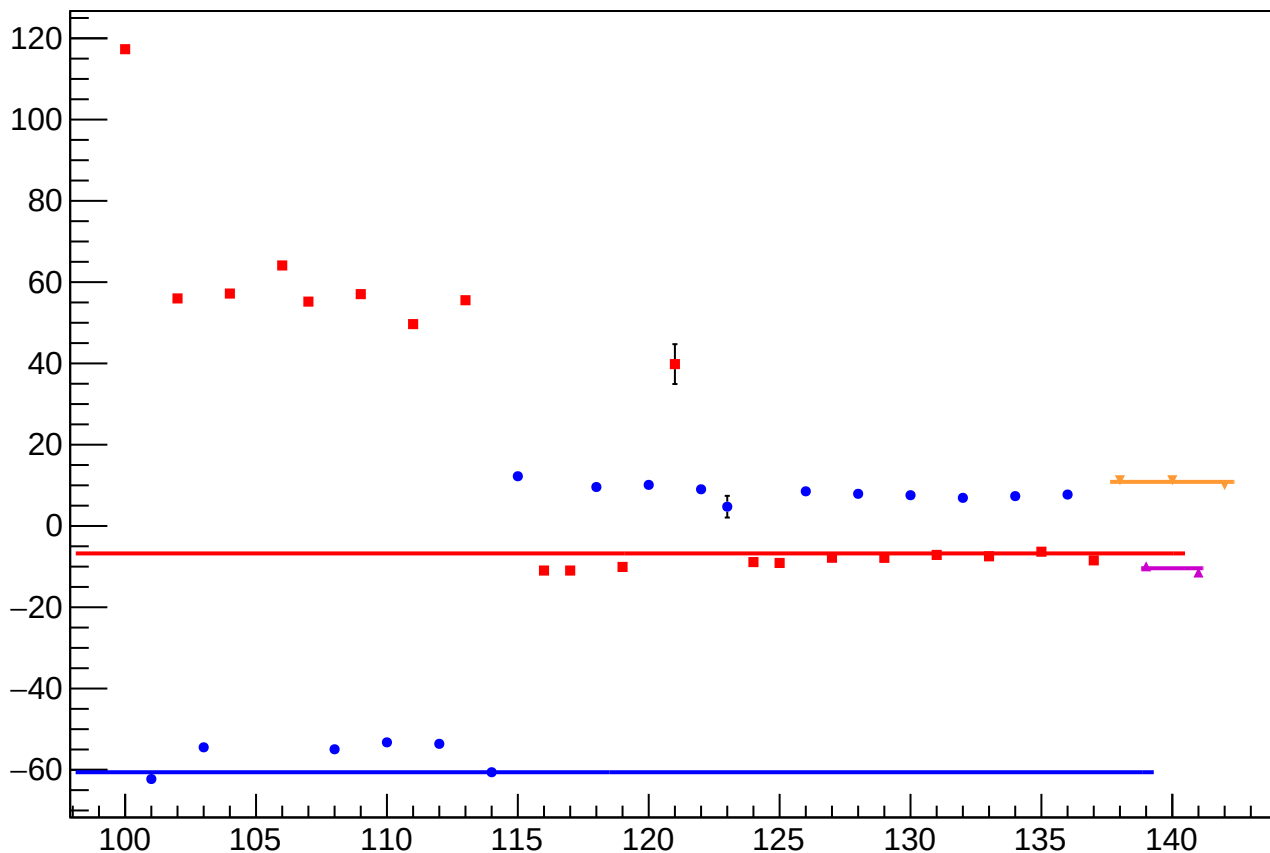
Left In: 52.612 ± 0.007 $\chi^2/\text{NDF}: 419.7/1$

-38.539 ± 0.000 $\chi^2/\text{NDF}: 19333557.7/19$

-38.539 ± 0.000 $\chi^2/\text{NDF}: 2548779454.2/19$

52.728 ± 0.002 $\chi^2/\text{NDF}: 88164.1/21$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: -60.594+/-0.000 χ^2/NDF : 26122838.1/16

Left Out: 10.853+/-0.017 χ^2/NDF :1124.1/2

Right Out: -6.753+/-0.011 χ^2/NDF : 1266741.1/19

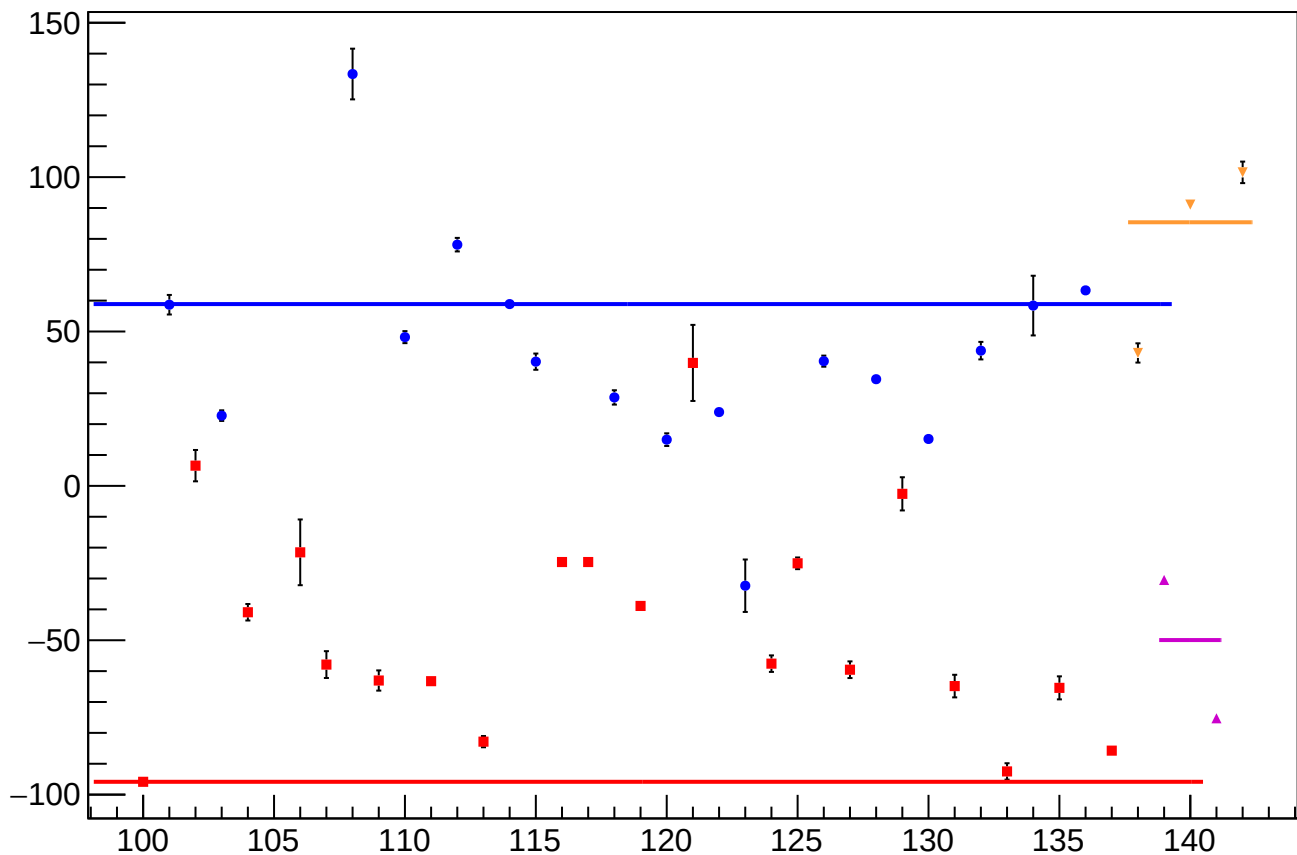
Left In: -10.401+/-0.019 χ^2/NDF :1451.5/1

-60.594+/-0.000 χ^2/NDF : 44463366.5/19

-60.594+/-0.000 χ^2/NDF : 76959081.6/41

-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: 85.379+/-1.184 χ^2 /NDF:223.0/2

Right Out: -95.846+/-0.000 χ^2 /NDF: 44645.2/19

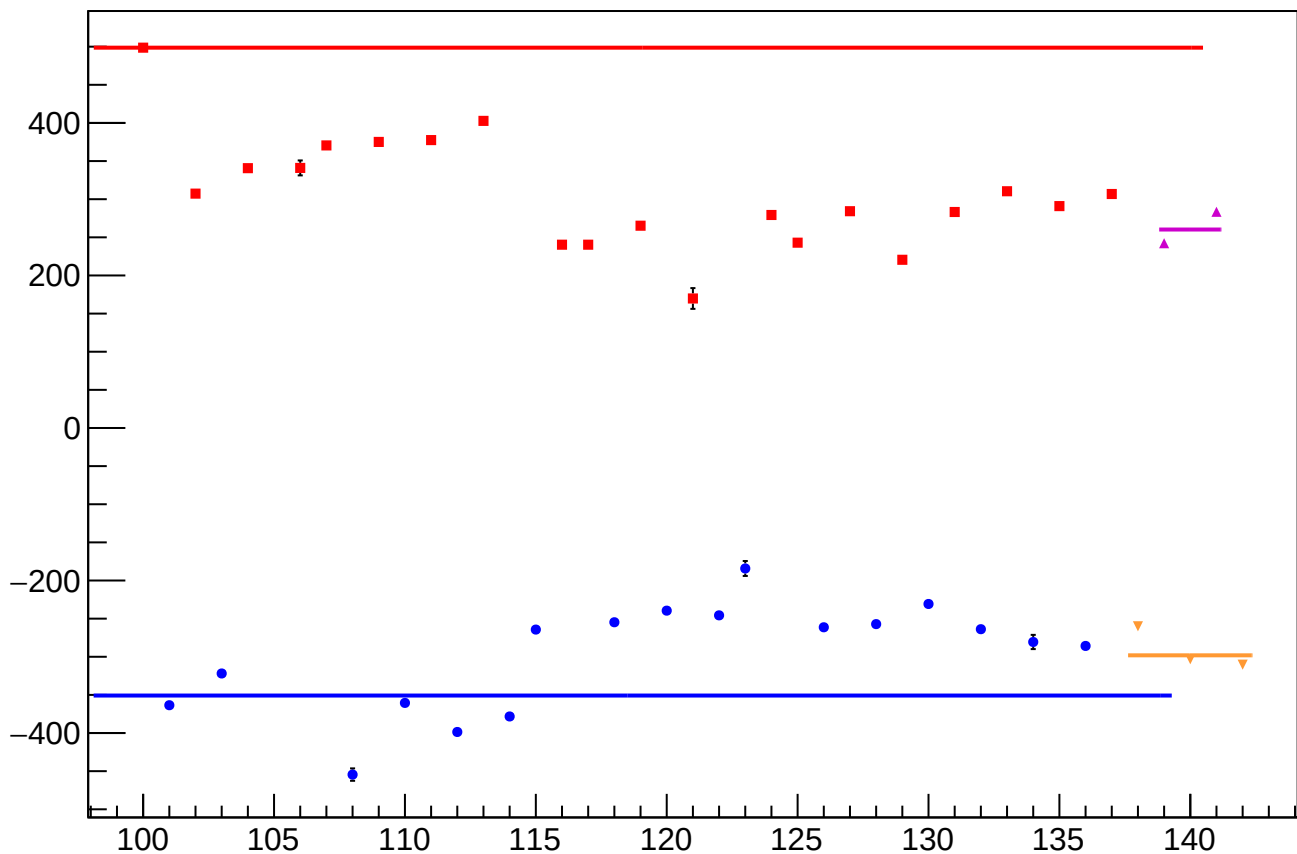
Left In: -49.939+/-0.741 χ^2 /NDF:899.4/1

58.880+/-0.000 χ^2 /NDF: 4538.4/19

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 $\chi^2/\text{NDF}: 41301.1/16$

Left Out: -298.098 ± 1.201 $\chi^2/\text{NDF}: 164.6/2$

Right Out: 498.692 ± 0.000 $\chi^2/\text{NDF}: 572319.3/19$

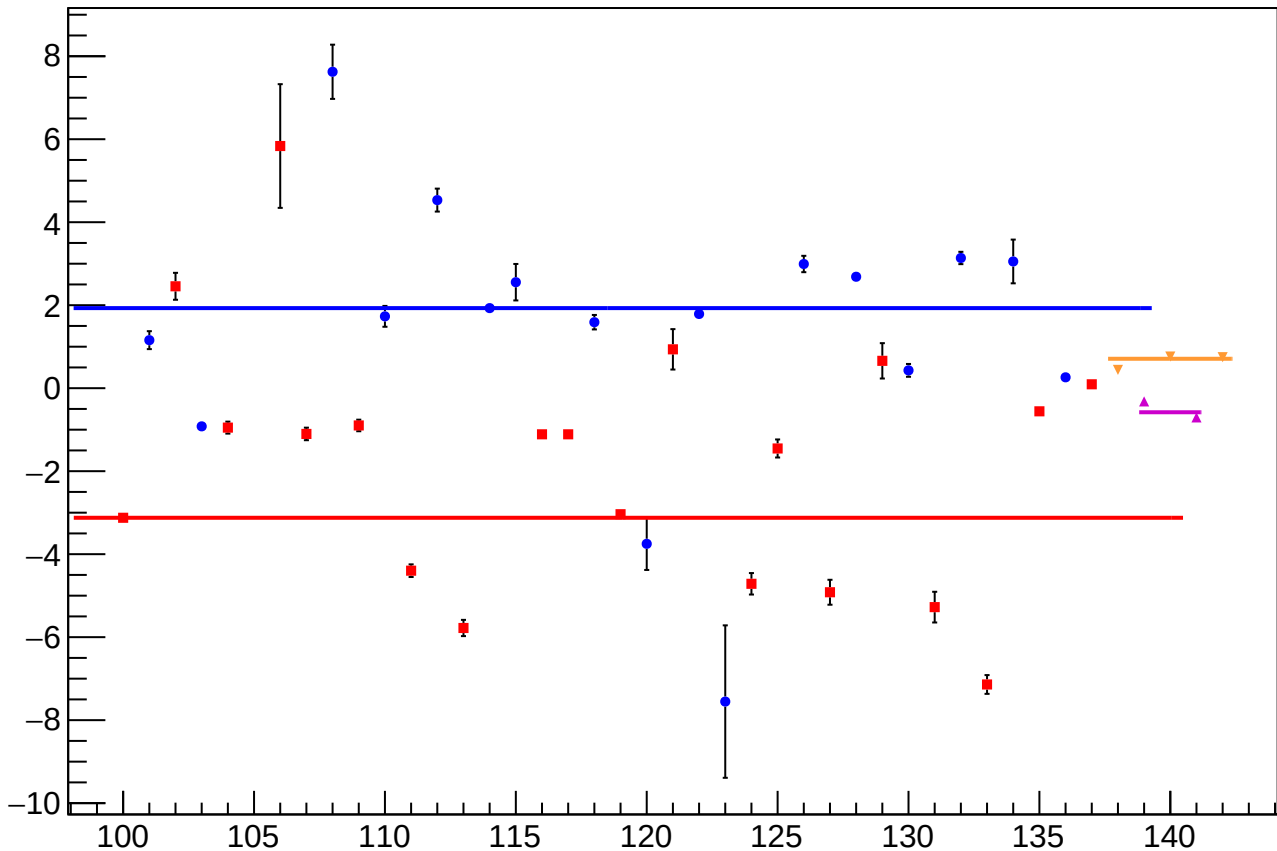
Left In: 260.236 ± 0.729 $\chi^2/\text{NDF}: 786.0/1$

-348.735 ± 0.240 $\chi^2/\text{NDF}: 43315.7/19$

498.692 ± 0.000 $\chi^2/\text{NDF}: 13230336.7/41$

498.692 ± 0.000 $\chi^2/\text{NDF}: 680007.8/21$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 1.930 +/- 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.709 +/- 0.008 χ^2/NDF : 223.8/2

Right Out: -3.123 +/- 0.000 χ^2/NDF : 514000.0/19

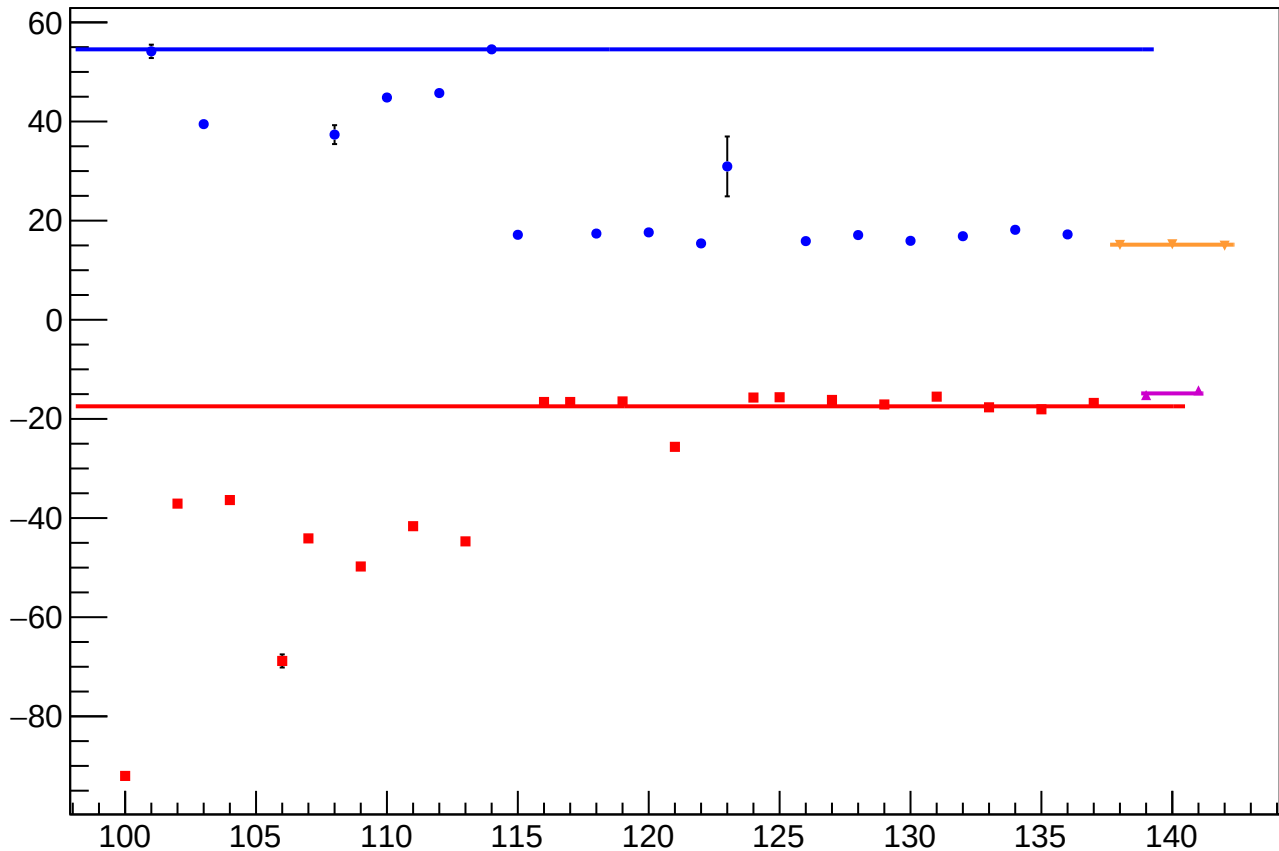
Left In: -0.580 +/- 0.005 χ^2/NDF : 1396.7/1

1.930 +/- 0.000 χ^2/NDF : 84146.4/19

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: 15.152 $\pm$ 0.021 χ^2 /NDF:28.8/2

Right Out: -17.458 $\pm$ 0.018 χ^2 /NDF: 99309.7/19

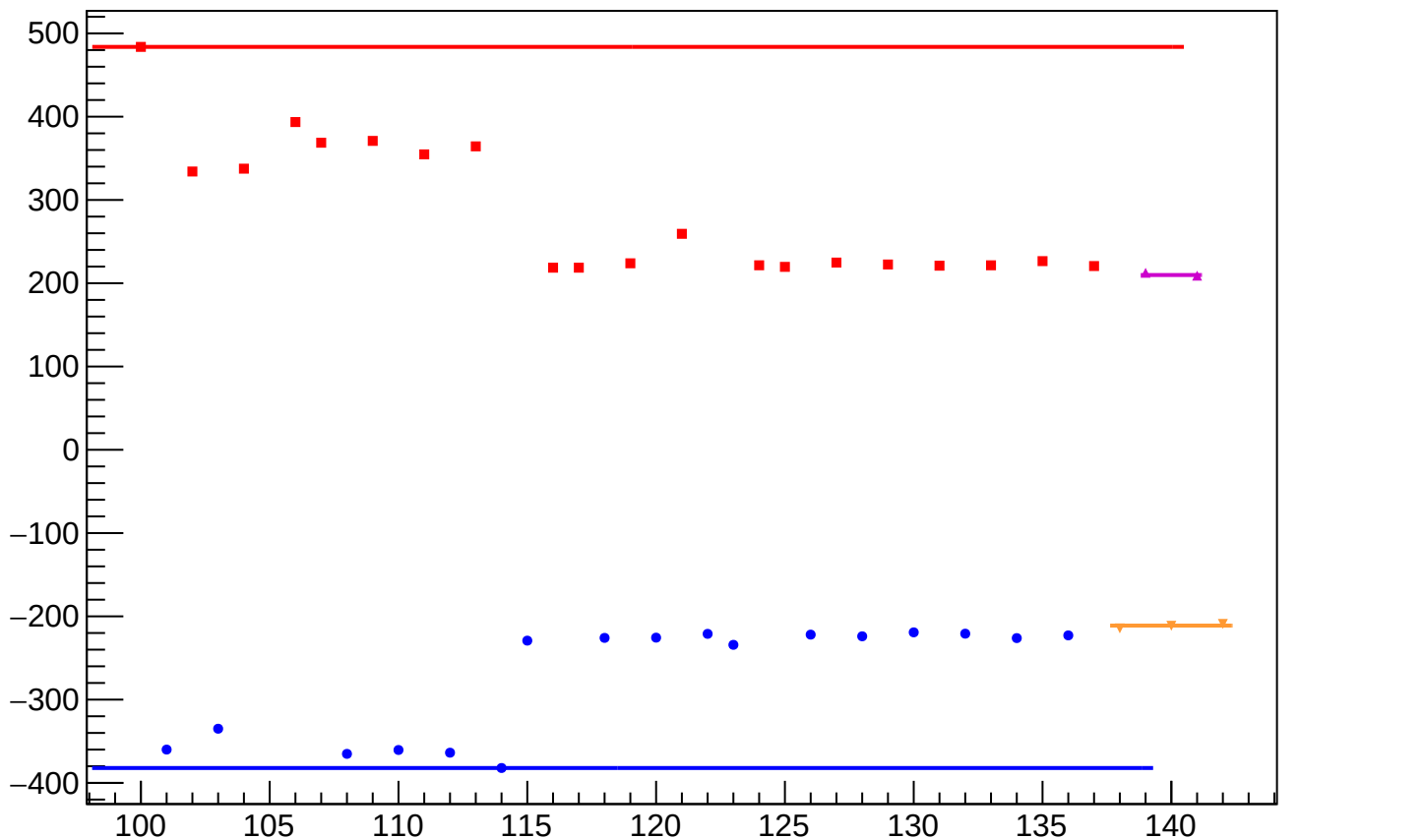
Left In: -14.854 $\pm$ 0.023 χ^2 /NDF:383.1/1

54.556 $\pm$ 0.000 χ^2 /NDF: 10858332.6/19

54.556 $\pm$ 0.000 χ^2 /NDF: 35373250.5/41

-16.464 $\pm$ 0.014 χ^2 /NDF: 107436.4/21

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -382.108 $\pm$ 0.000 χ^2/NDF : 18398024.3/16

Left Out: -211.104 $\pm$ 0.045 χ^2/NDF : 1996.1/2

Right Out: 483.800 $\pm$ 0.000 χ^2/NDF : 24385317.4/19

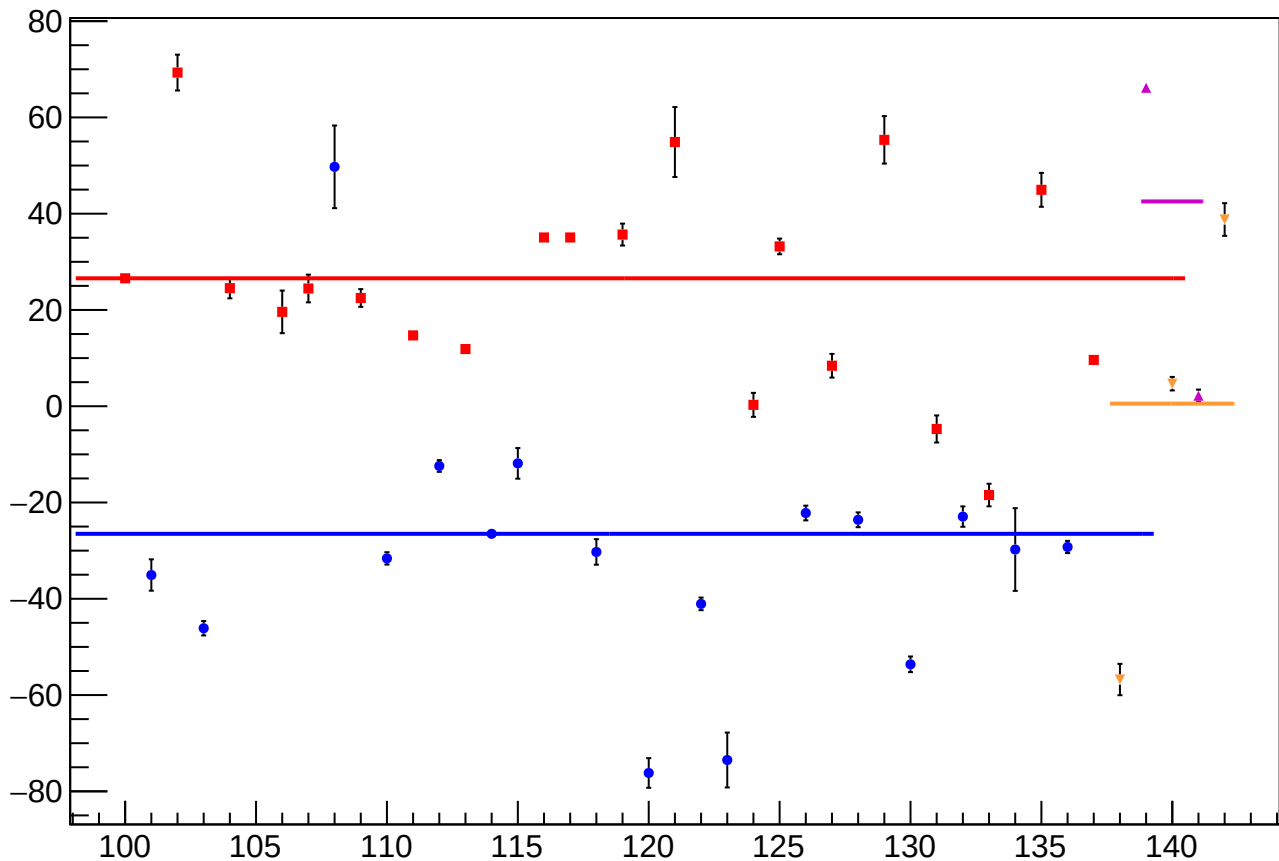
Left In: 209.857 $\pm$ 0.043 χ^2/NDF : 1068.7/1

-382.108 $\pm$ 0.000 χ^2/NDF : 33152244.6/19

-76.493 $\pm$ 0.000 χ^2/NDF : 9009029155790

483.800 $\pm$ 0.000 χ^2/NDF : 64142320.3/21

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -26.504 $\pm$ 0.000 χ^2/NDF : 1180.7/16

Left Out: 0.539 $\pm$ 1.207 χ^2/NDF : 445.9/2

Right Out: 26.577 $\pm$ 0.000 χ^2/NDF : 2754.8/19

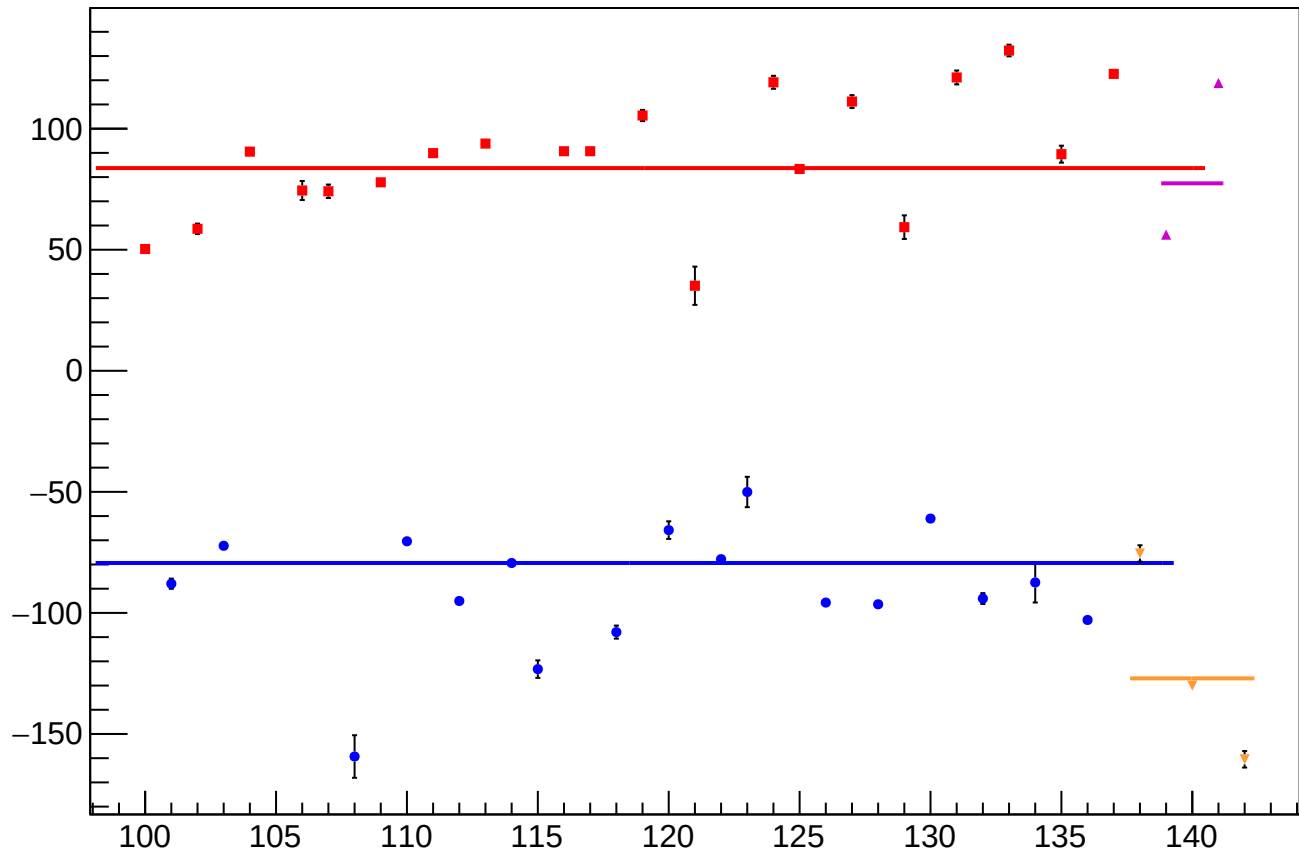
Left In: 42.545 $\pm$ 0.777 χ^2/NDF : 1579.6/1

-26.504 $\pm$ 0.000 χ^2/NDF : 2128.2/19

-7.770 $\pm$ 0.000 χ^2/NDF : 2166718322463

26.577 $\pm$ 0.000 χ^2/NDF : 4757.1/21

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -127.032 ± 1.183 χ^2/NDF : 333.5/2

Right Out: 83.721 ± 0.171 χ^2/NDF : 12064.6/19

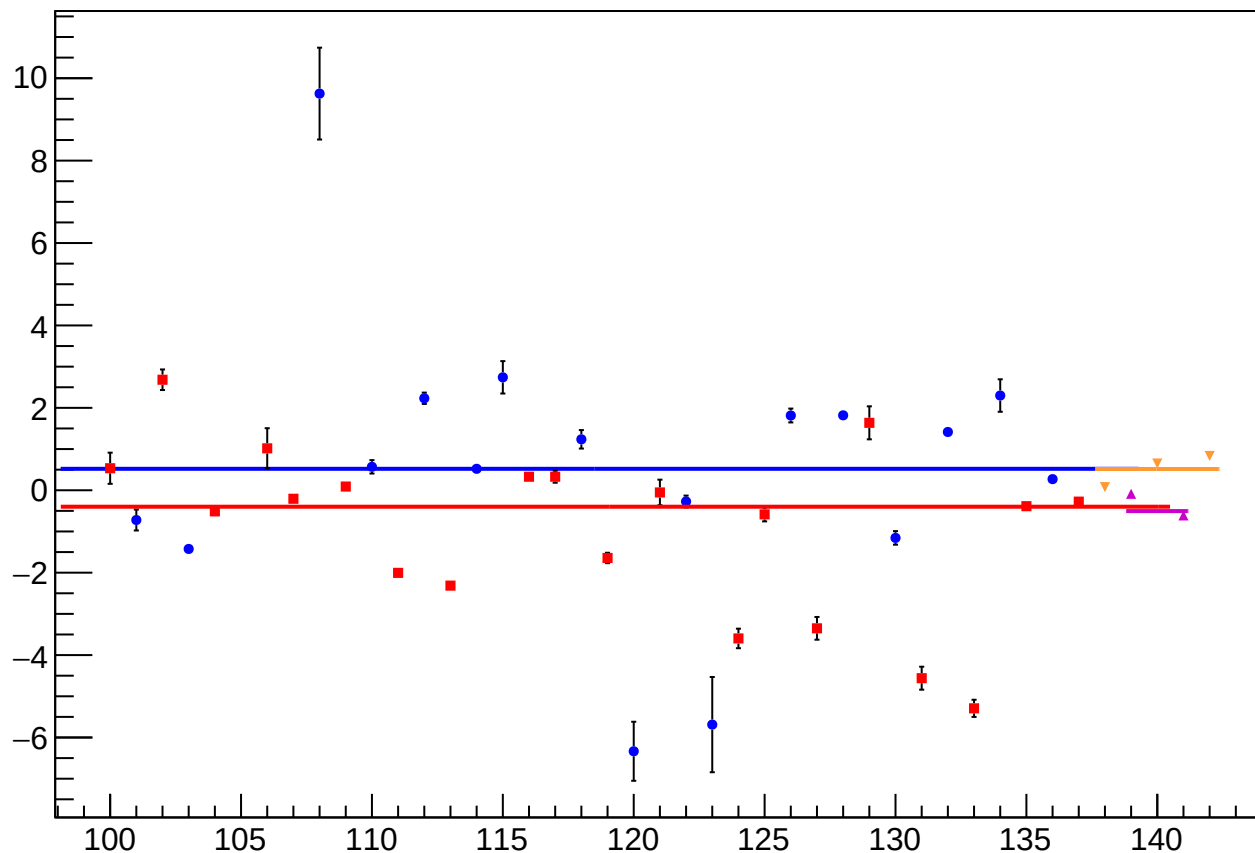
Left In: 77.421 ± 0.726 χ^2/NDF : 1663.9/1

-79.376 ± 0.000 χ^2/NDF : 3260.9/19

-79.376 ± 0.000 χ^2/NDF : 976371.1/41

83.392 ± 0.166 χ^2/NDF : 13799.9/21

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.521 ± 0.000 $\chi^2/\text{NDF}: 3370.8/16$

Left Out: 0.516 ± 0.009 $\chi^2/\text{NDF}: 921.2/2$

Right Out: -0.399 ± 0.011 $\chi^2/\text{NDF}: 2752.7/19$

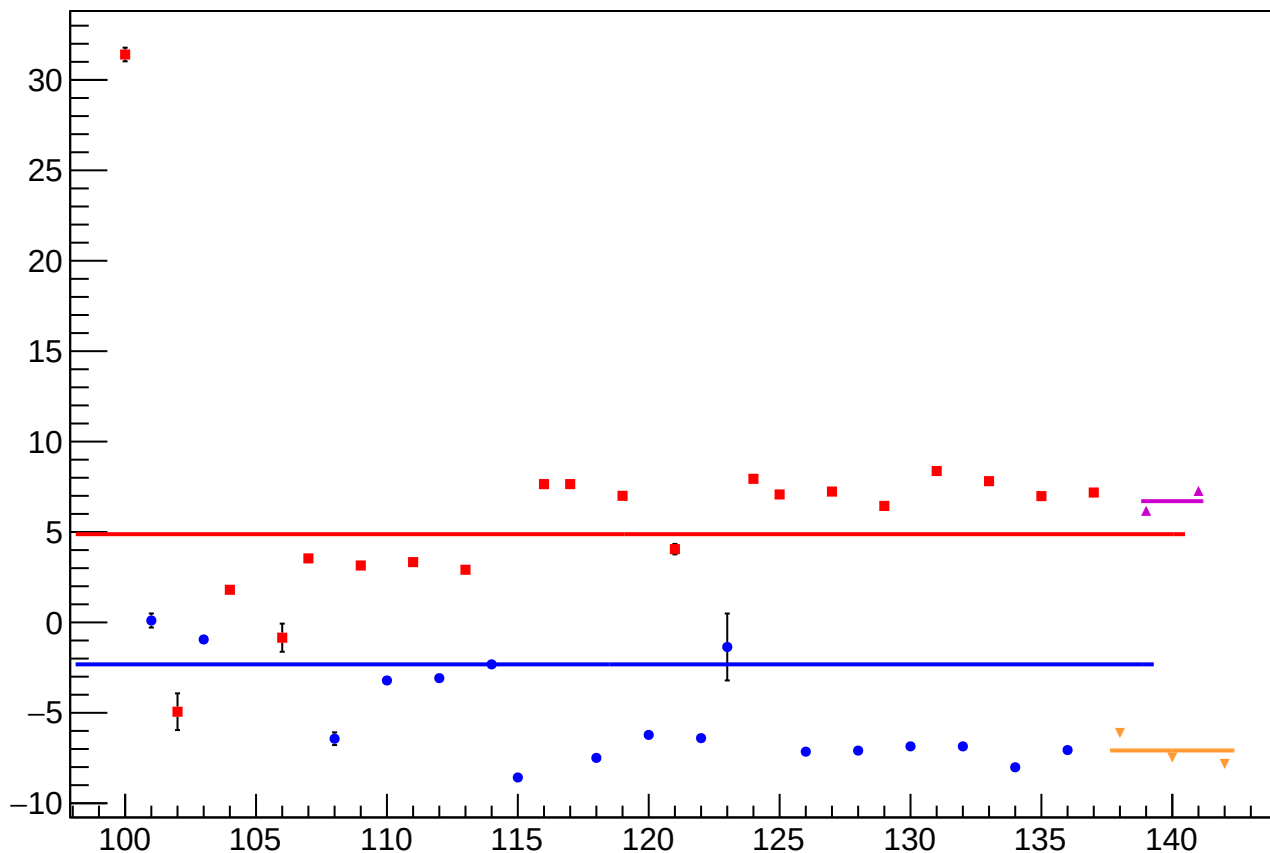
Left In: -0.505 ± 0.004 $\chi^2/\text{NDF}: 2614.9/1$

0.521 ± 0.000 $\chi^2/\text{NDF}: 4292.3/19$

0.521 ± 0.000 $\chi^2/\text{NDF}: 79176.7/41$

-0.492 ± 0.004 $\chi^2/\text{NDF}: 5451.3/21$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -2.320+/-0.000 χ^2/NDF : 270771.9/16

Left Out: -7.081+/-0.022 χ^2/NDF : 1081.1/2

Right Out: 4.879+/-0.010 χ^2/NDF : 49767.2/19

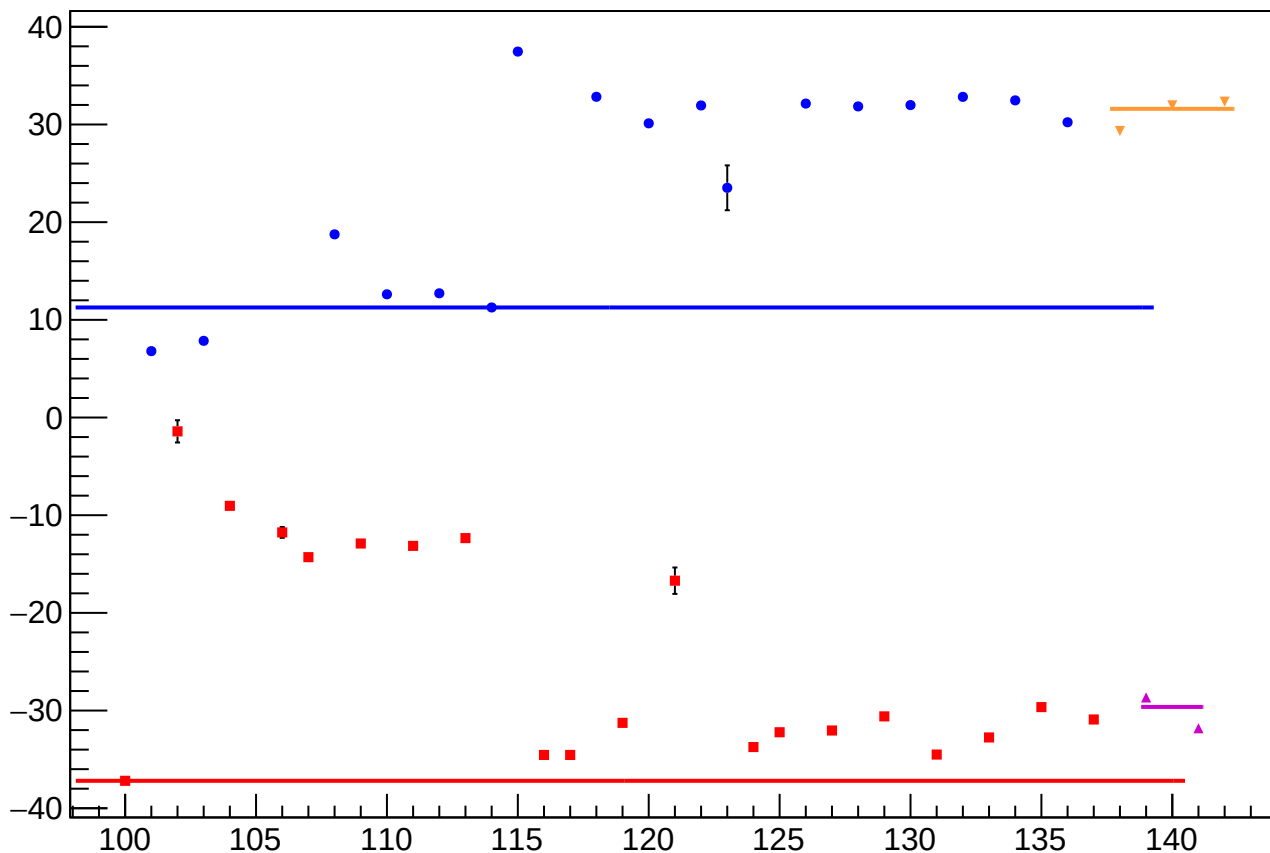
Left In: 6.705+/-0.013 χ^2/NDF : 1917.3/1

-2.320+/-0.000 χ^2/NDF : 317061.6/19

-2.320+/-0.000 χ^2/NDF : 1377863.4/41

5.613+/-0.008 χ^2/NDF : 64376.0/21

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 31.602 $\pm$ 0.043 χ^2 /NDF:566.0/2

Right Out: -37.191 $\pm$ 0.000 χ^2 /NDF: 1122069.8/19

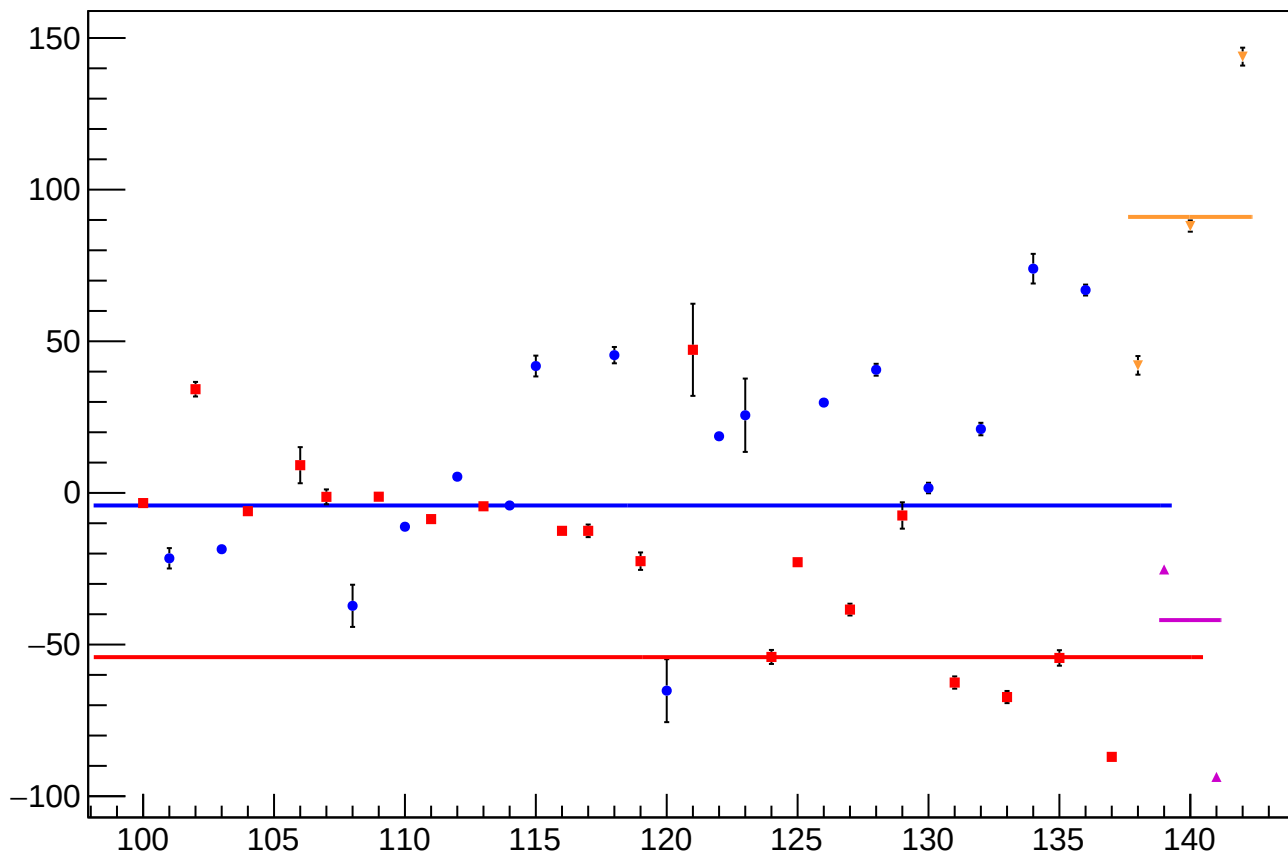
Left In: -29.628 $\pm$ 0.039 χ^2 /NDF:1403.4/1

11.268 $\pm$ 0.000 χ^2 /NDF: 1184735.4/19

9.670 $\pm$ 0.000 χ^2 /NDF: 26986732338875

-37.191 $\pm$ 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: 91.010 ± 1.400 $\chi^2/\text{NDF}: 576.4/2$

Right Out: -54.147 ± 0.170 $\chi^2/\text{NDF}: 54404.1/19$

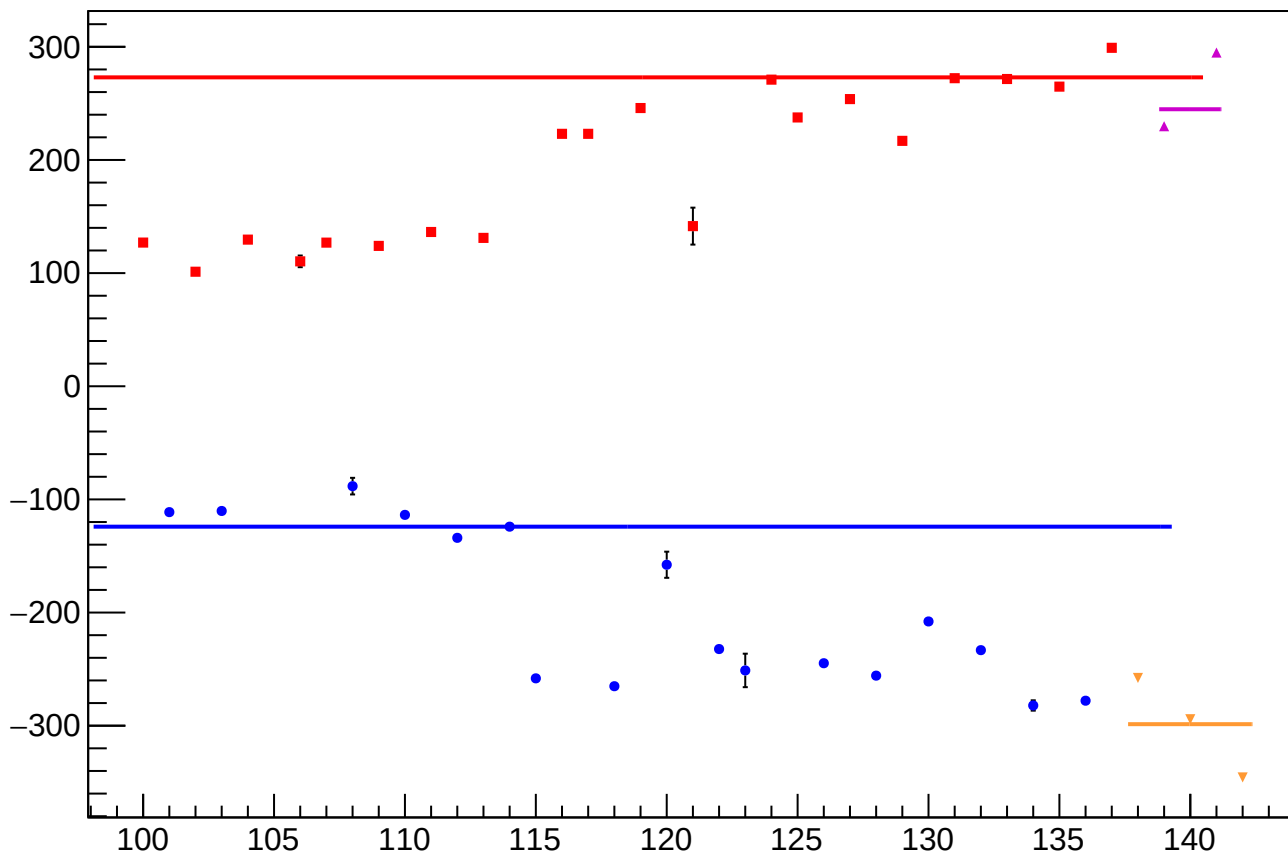
Left In: -41.930 ± 0.634 $\chi^2/\text{NDF}: 2145.2/1$

-4.139 ± 0.000 $\chi^2/\text{NDF}: 9848.2/19$

-4.139 ± 0.000 $\chi^2/\text{NDF}: 156835.2/41$

-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: -298.650+/-1.384 χ^2/NDF : 417.0/2

Right Out: 273.002+/-0.113 χ^2/NDF : 280698.3/19

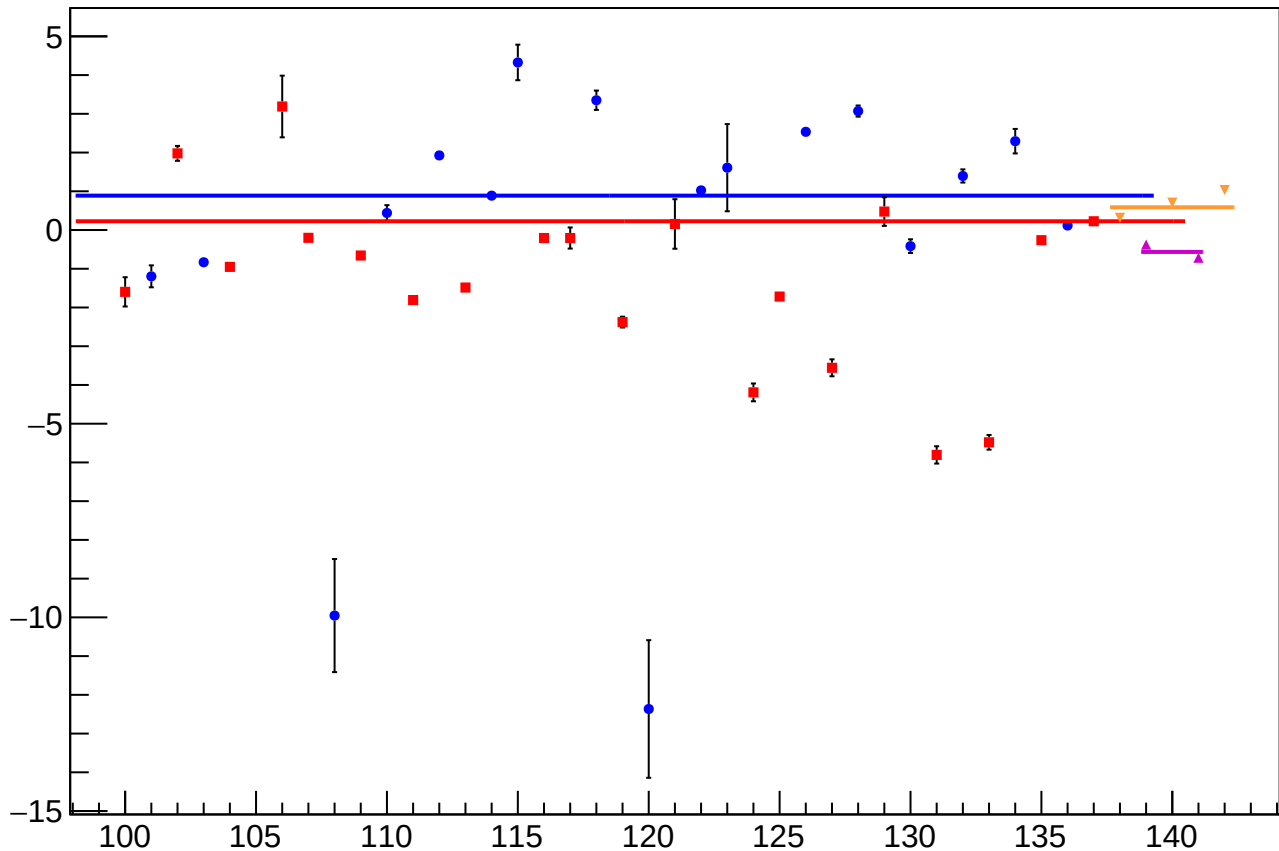
Left In: 244.826+/-0.597 χ^2/NDF : 2109.3/1

-124.095+/-0.000 χ^2/NDF : 54472.8/19

-124.095+/-0.000 χ^2/NDF : 13165010.8/4

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: 0.586 ± 0.010 χ^2/NDF : 872.9/2

Right Out: 0.226 ± 0.000 χ^2/NDF : 5033.6/19

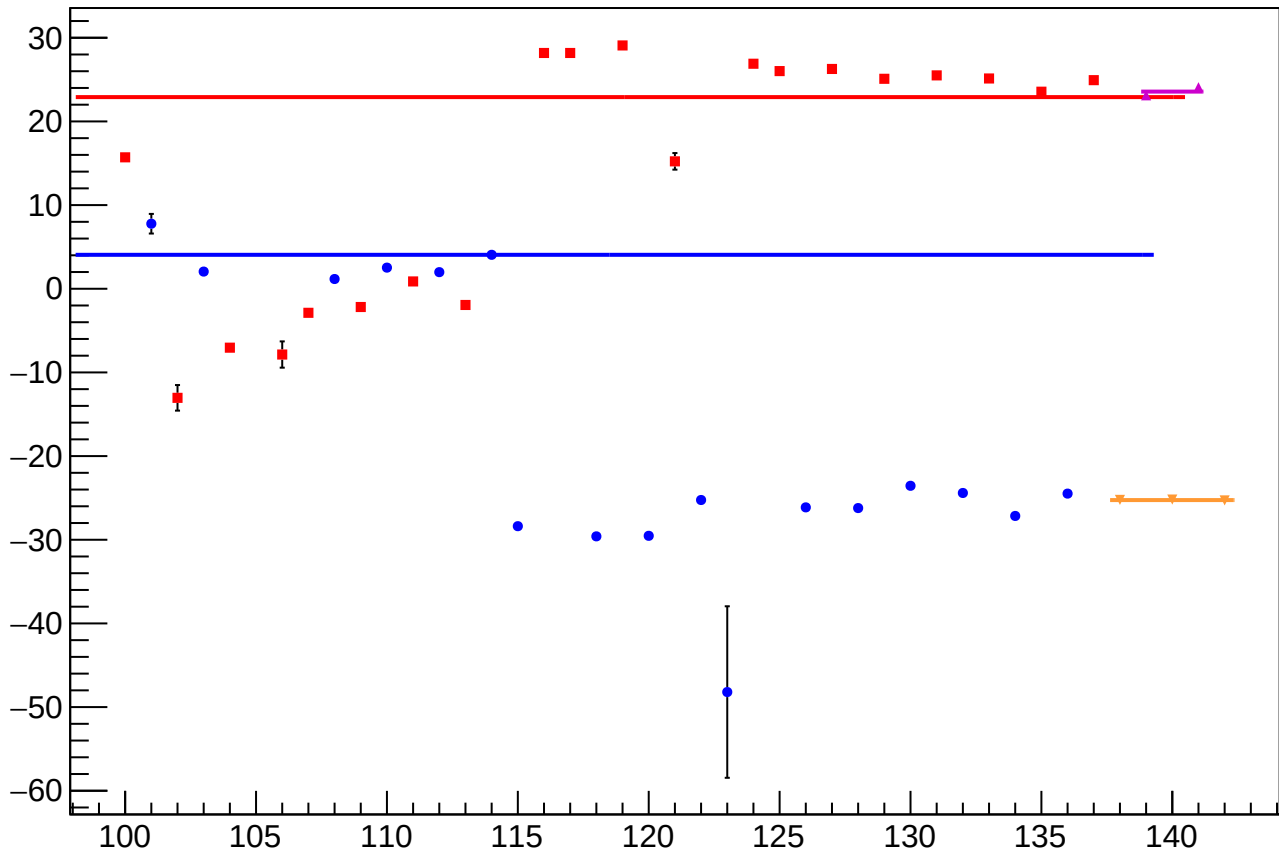
Left In: -0.566 ± 0.008 χ^2/NDF : 458.1/1

0.888 ± 0.000 χ^2/NDF : 10537.2/19

0.888 ± 0.000 χ^2/NDF : 149095397.0/41

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: -25.258+/-0.057 χ^2/NDF : 0.5/2

Right Out: 22.907+/-0.026 χ^2/NDF : 116676.9/19

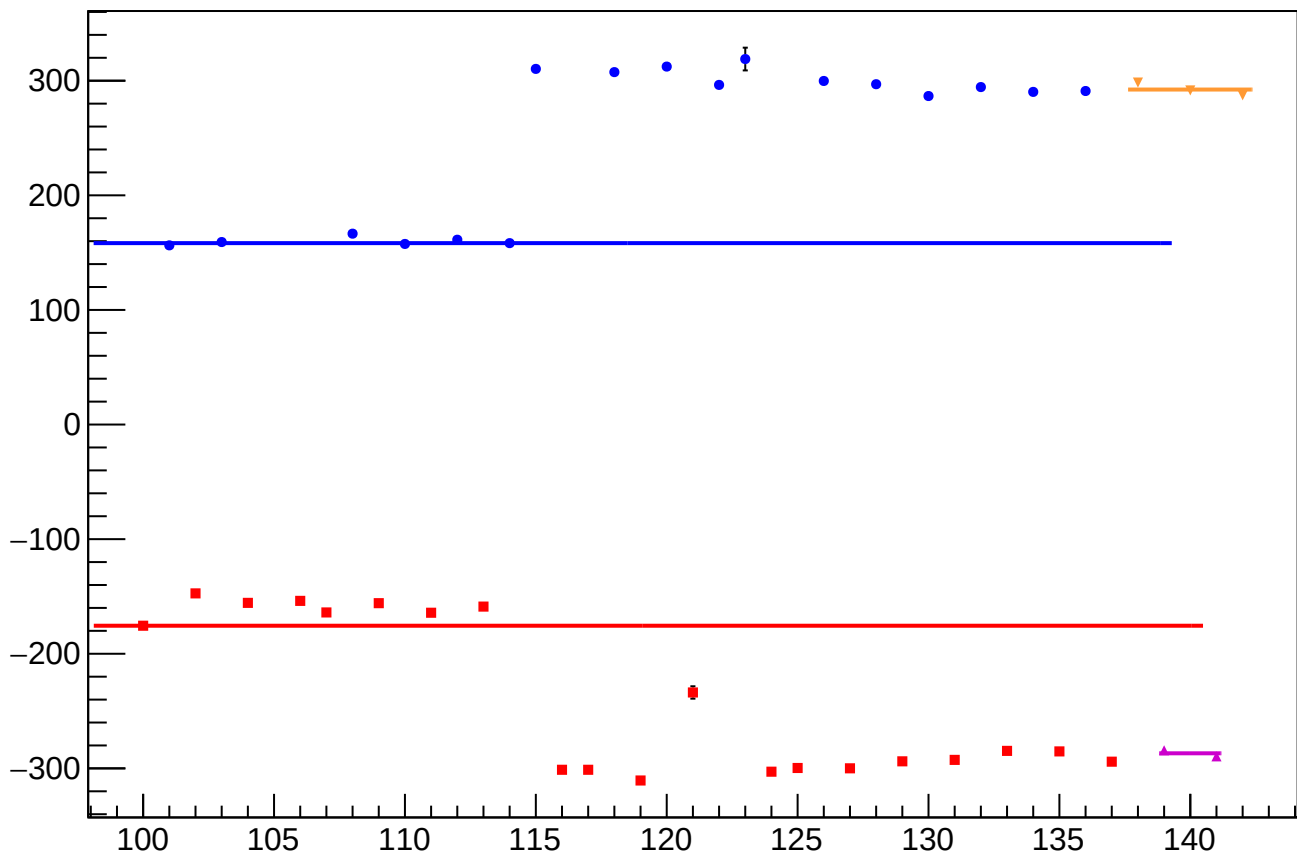
Left In: 23.565+/-0.062 χ^2/NDF : 61.2/1

4.057+/-0.000 χ^2/NDF : 1515317.4/19

4.057+/-0.000 χ^2/NDF : 2246389.1/41

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: 292.300+/-0.118 χ^2/NDF :1553.8/2

Right Out: -175.536+/-0.000 χ^2/NDF : 2132280.4/19

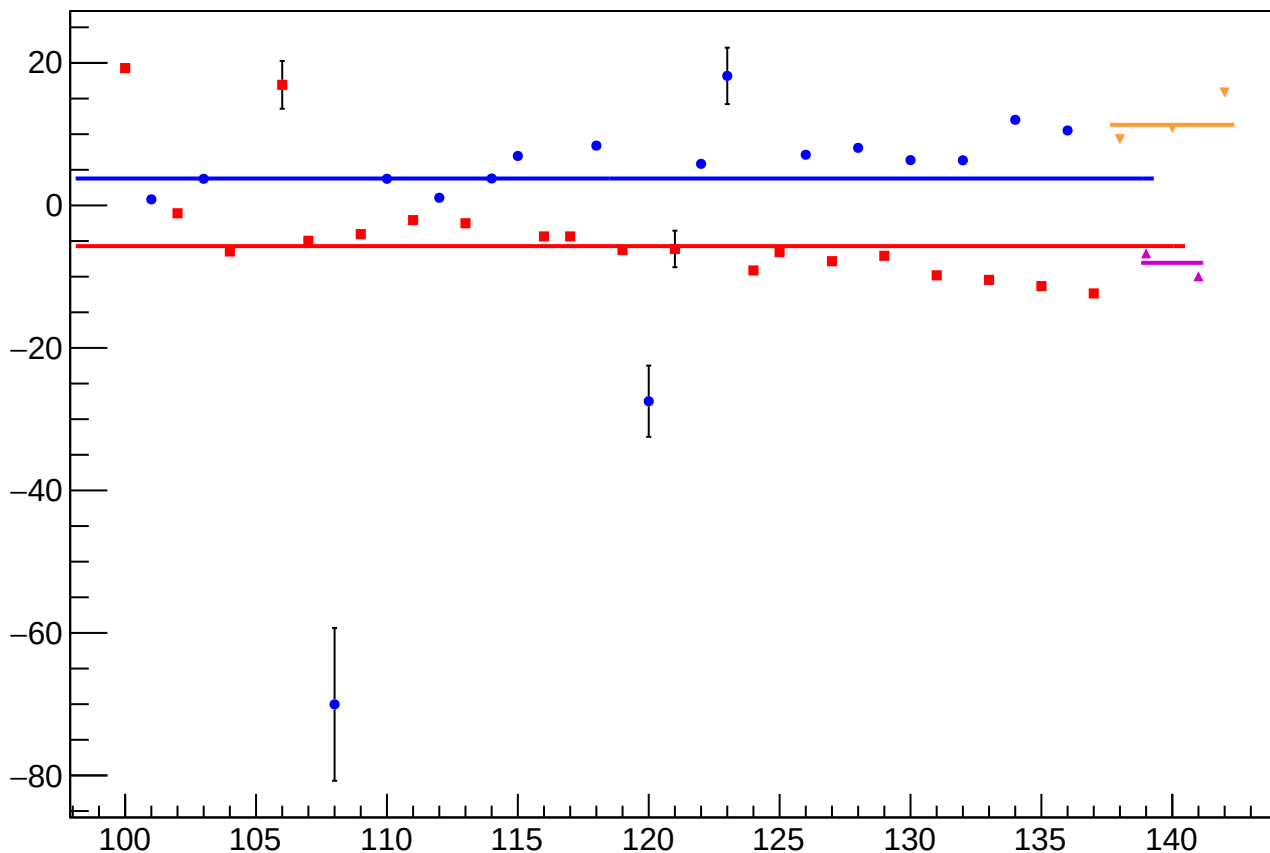
Left In: -286.852+/-0.193 χ^2/NDF :189.1/1

158.293+/-0.000 χ^2/NDF : 3692651.6/19

-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: 11.316 ± 0.145 χ^2/NDF : 197.6/2

Right Out: -5.713 ± 0.025 χ^2/NDF : 22382.6/19

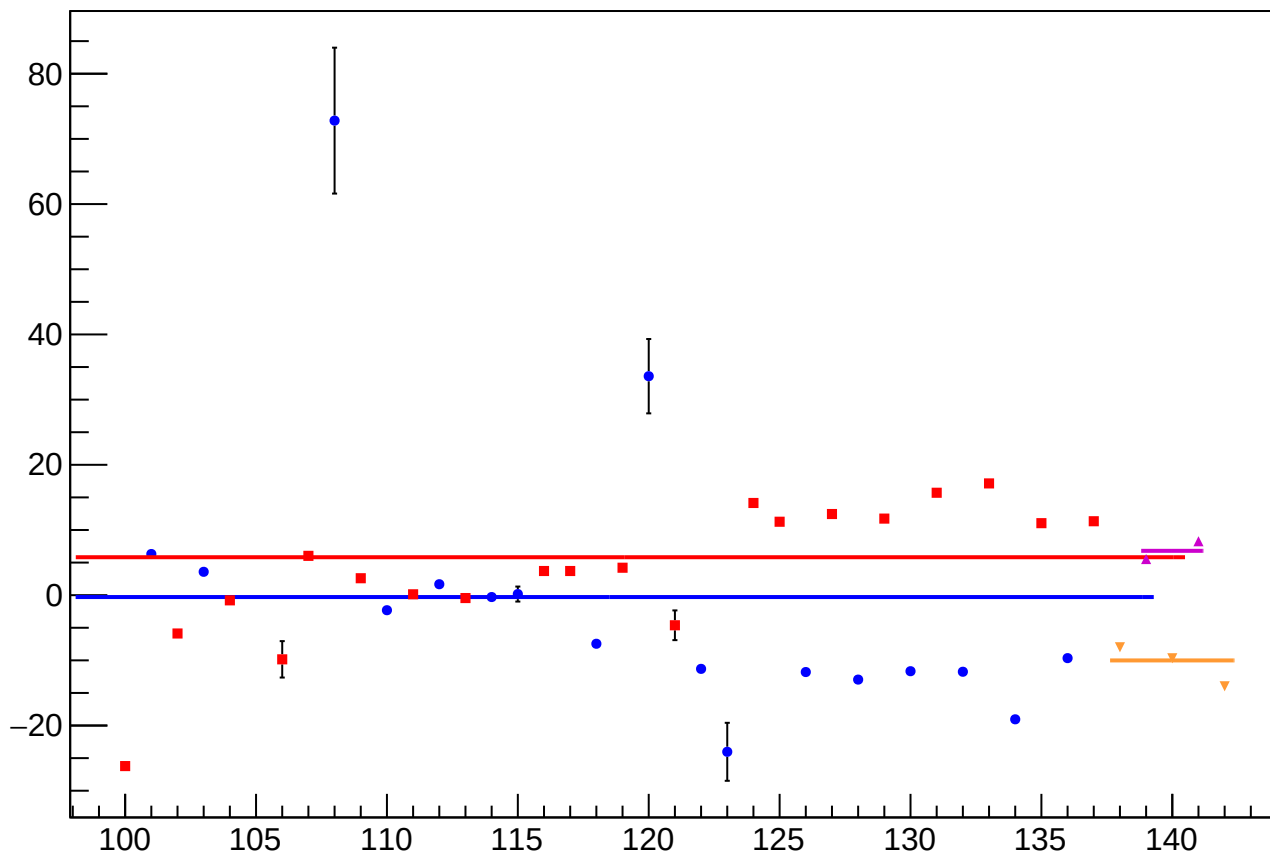
Left In: -8.055 ± 0.067 χ^2/NDF : 564.2/1

3.778 ± 0.000 χ^2/NDF : 9769.8/19

3.778 ± 0.000 χ^2/NDF : 204130.8/41

-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: -10.011 ± 0.146 $\chi^2/\text{NDF}: 151.0/2$

Right Out: 5.821 ± 0.027 $\chi^2/\text{NDF}: 63671.7/19$

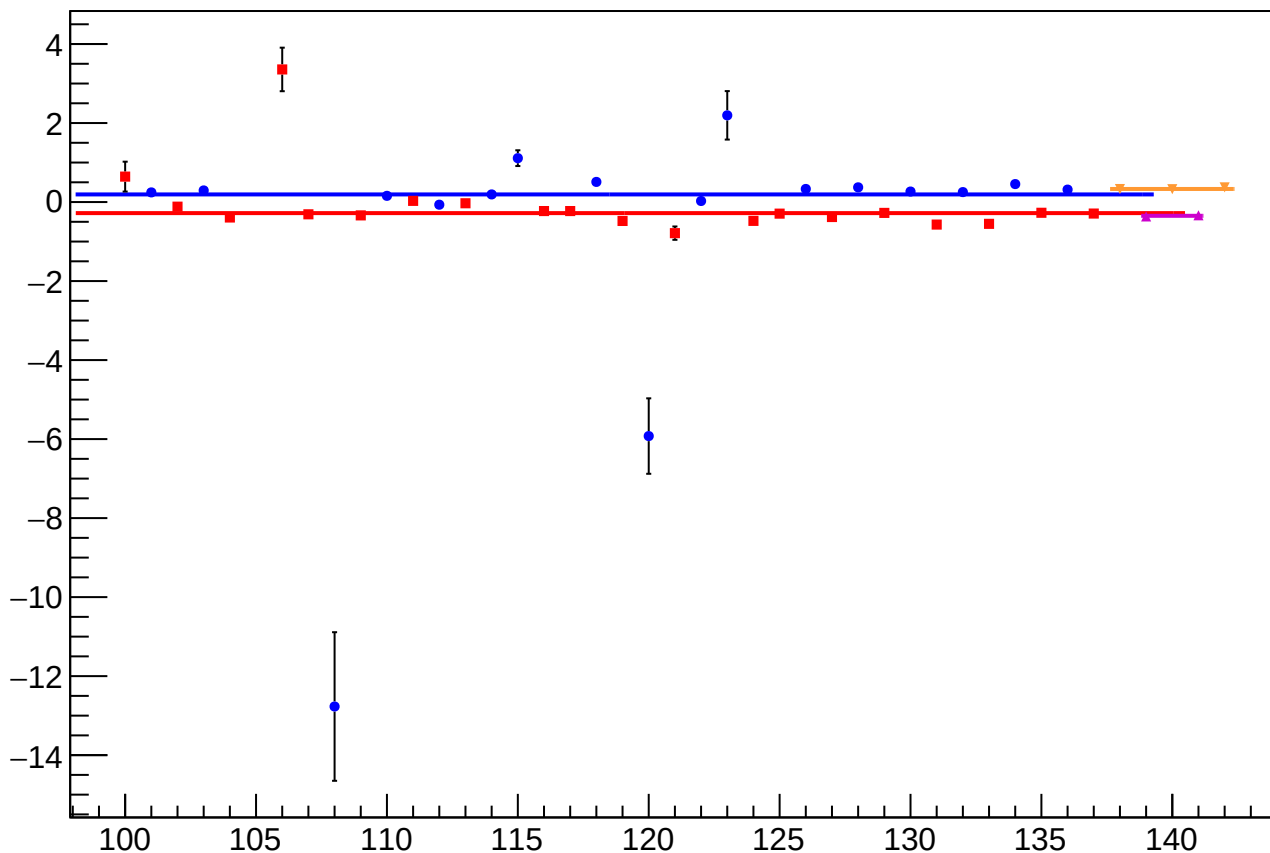
Left In: 6.803 ± 0.072 $\chi^2/\text{NDF}: 356.9/1$

-0.287 ± 0.000 $\chi^2/\text{NDF}: 48881.6/19$

-0.287 ± 0.000 $\chi^2/\text{NDF}: 174453.7/41$

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: 0.331 ± 0.001 χ^2/NDF : 51.0/2

Right Out: -0.280 ± 0.001 χ^2/NDF : 6070.3/19

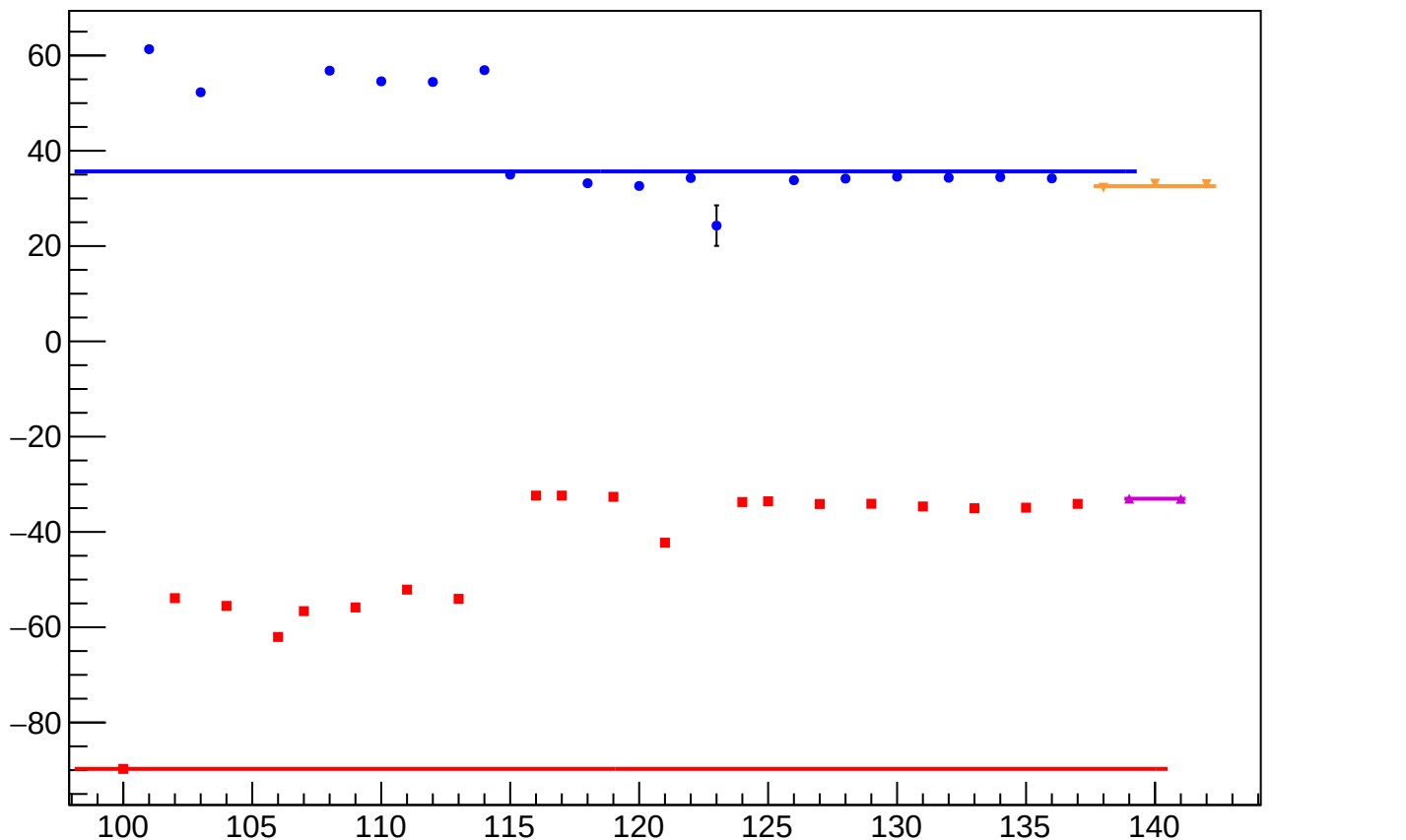
Left In: -0.348 ± 0.004 χ^2/NDF : 13.7/1

0.193 ± 0.000 χ^2/NDF : 19339.5/19

0.193 ± 0.000 χ^2/NDF : 148314.6/41

-0.289 ± 0.001 χ^2/NDF : 6354.2/21

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 35.664+/-0.011 χ^2/NDF : 218662.5/16

Left Out: -89.735+/-0.000 χ^2/NDF : 25816138.7/19

Right Out: 32.570+/-0.018 χ^2/NDF : 437.8/2

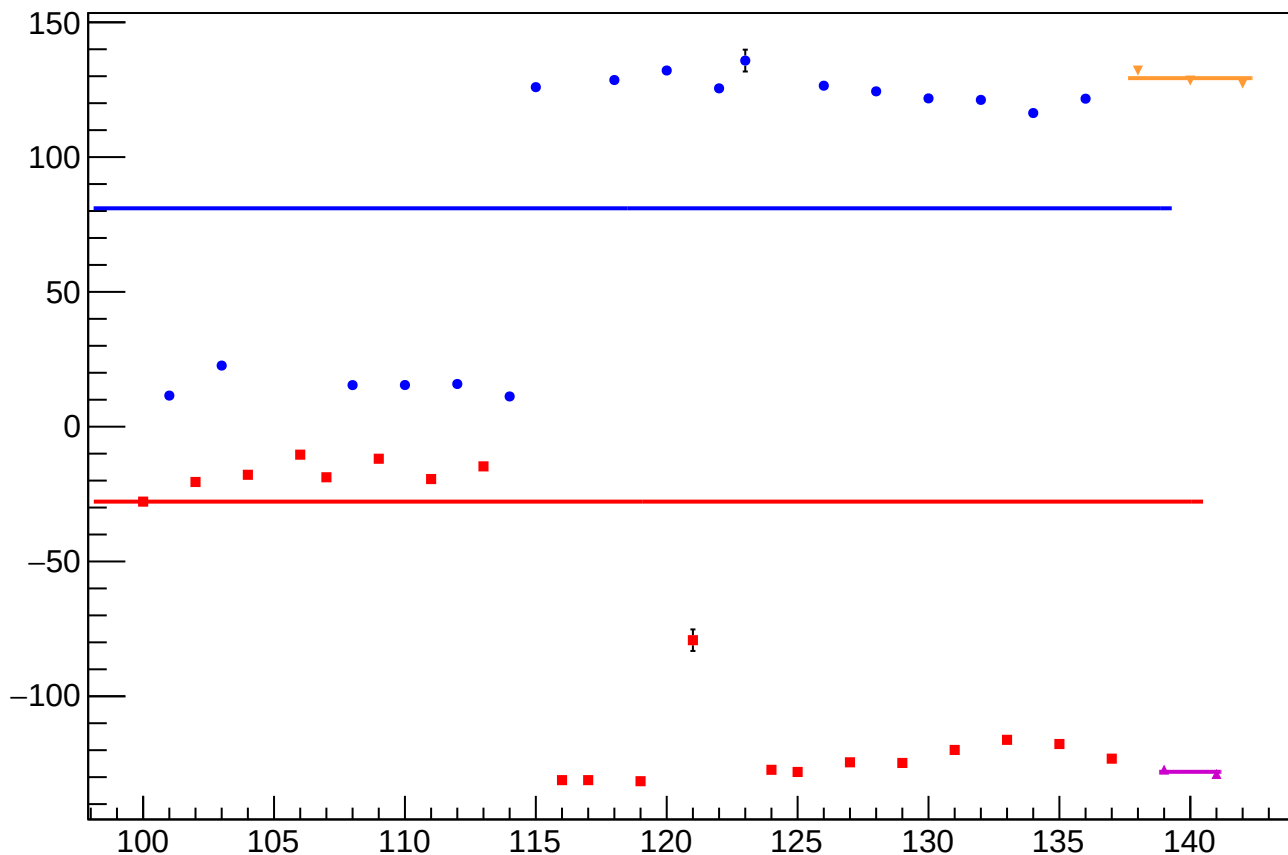
Left In: -33.031+/-0.021 χ^2/NDF : 1.0/1

34.816+/-0.010 χ^2/NDF : 239420.9/19

-89.735+/-0.000 χ^2/NDF : 198719032.5/4

-89.735+/-0.000 χ^2/NDF : 33033642.0/21

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 81.005 $\pm$ 0.035 χ^2 /NDF: 2228881.4/16

Left Out: 129.287 $\pm$ 0.044 χ^2 /NDF: 2396.4/2

Right Out: -27.798 $\pm$ 0.000 χ^2 /NDF: 9194619.1/19

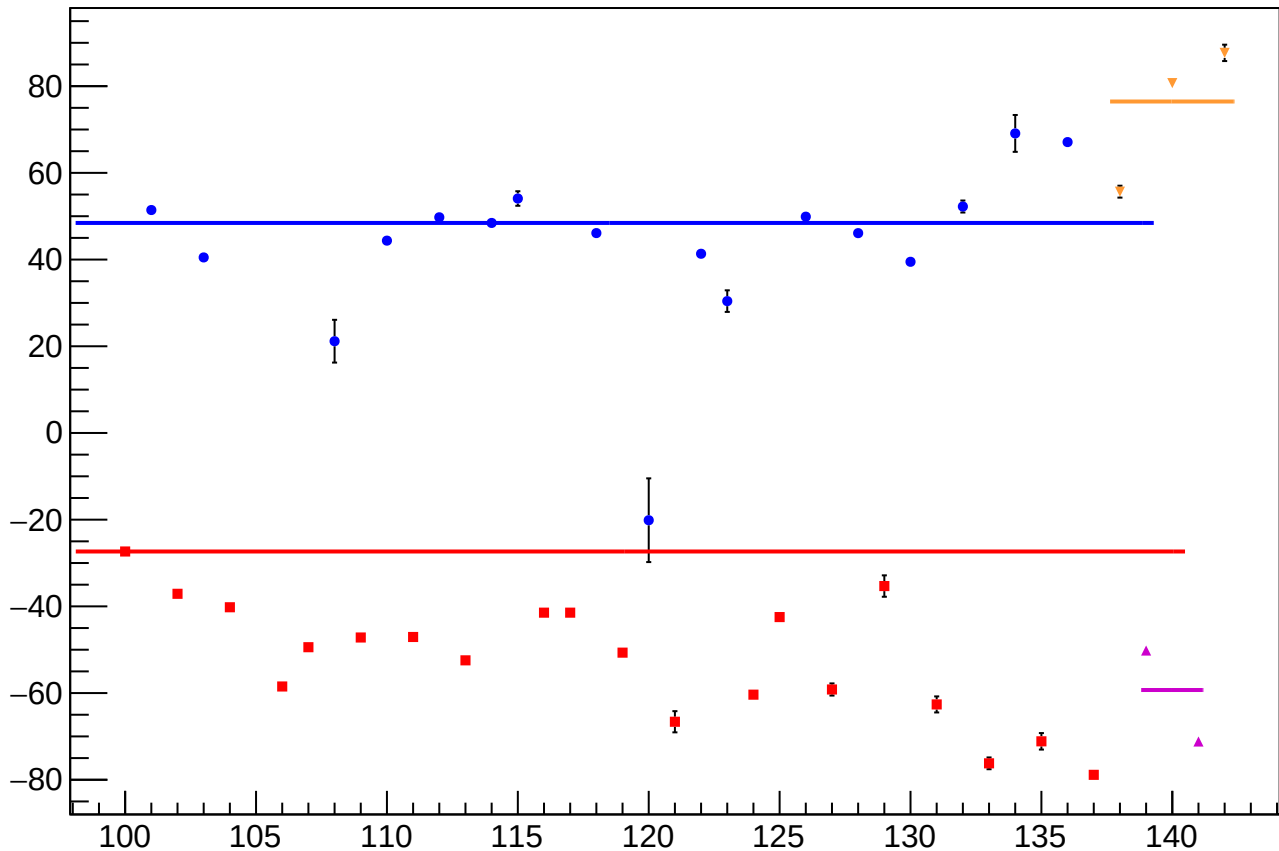
Left In: -128.026 $\pm$ 0.068 χ^2 /NDF: 143.6/1

99.309 $\pm$ 0.027 χ^2 /NDF: 2972396.6/19

-27.798 $\pm$ 0.000 χ^2 /NDF: 36179866.4/41

-27.798 $\pm$ 0.000 χ^2 /NDF: 11385840.1/21

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 48.450 ± 0.000 $\chi^2/\text{NDF}: 2751.4/16$

Left Out: 76.461 ± 0.613 $\chi^2/\text{NDF}: 297.3/2$

Right Out: -27.342 ± 0.000 $\chi^2/\text{NDF}: 26331.1/19$

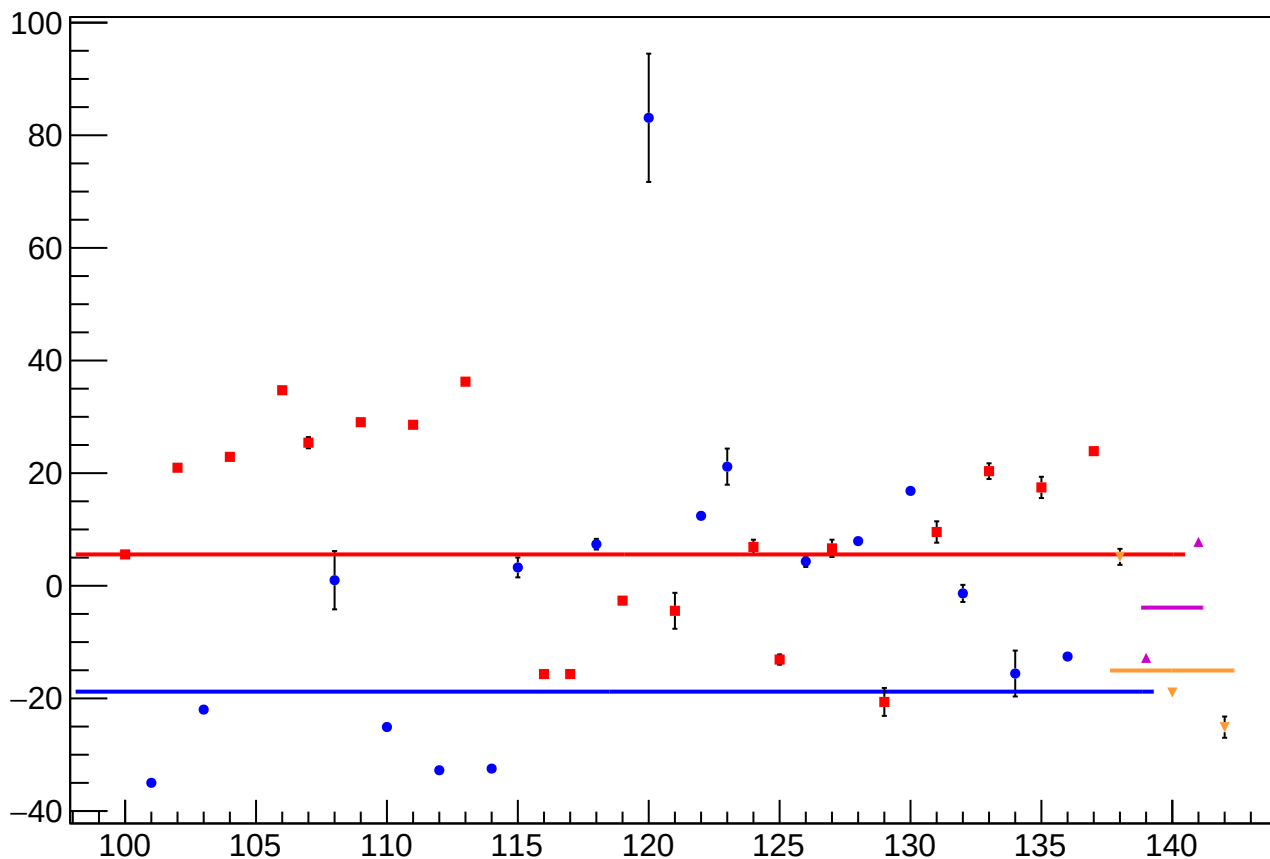
Left In: -59.295 ± 0.382 $\chi^2/\text{NDF}: 740.9/1$

48.450 ± 0.000 $\chi^2/\text{NDF}: 5134.8/19$

-23.670 ± 0.000 $\chi^2/\text{NDF}: 132325766337$

-27.342 ± 0.000 $\chi^2/\text{NDF}: 34064.8/21$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: -15.049 ± 0.619 $\chi^2/\text{NDF}: 258.4/2$

Right Out: 5.568 ± 0.000 $\chi^2/\text{NDF}: 24057.5/19$

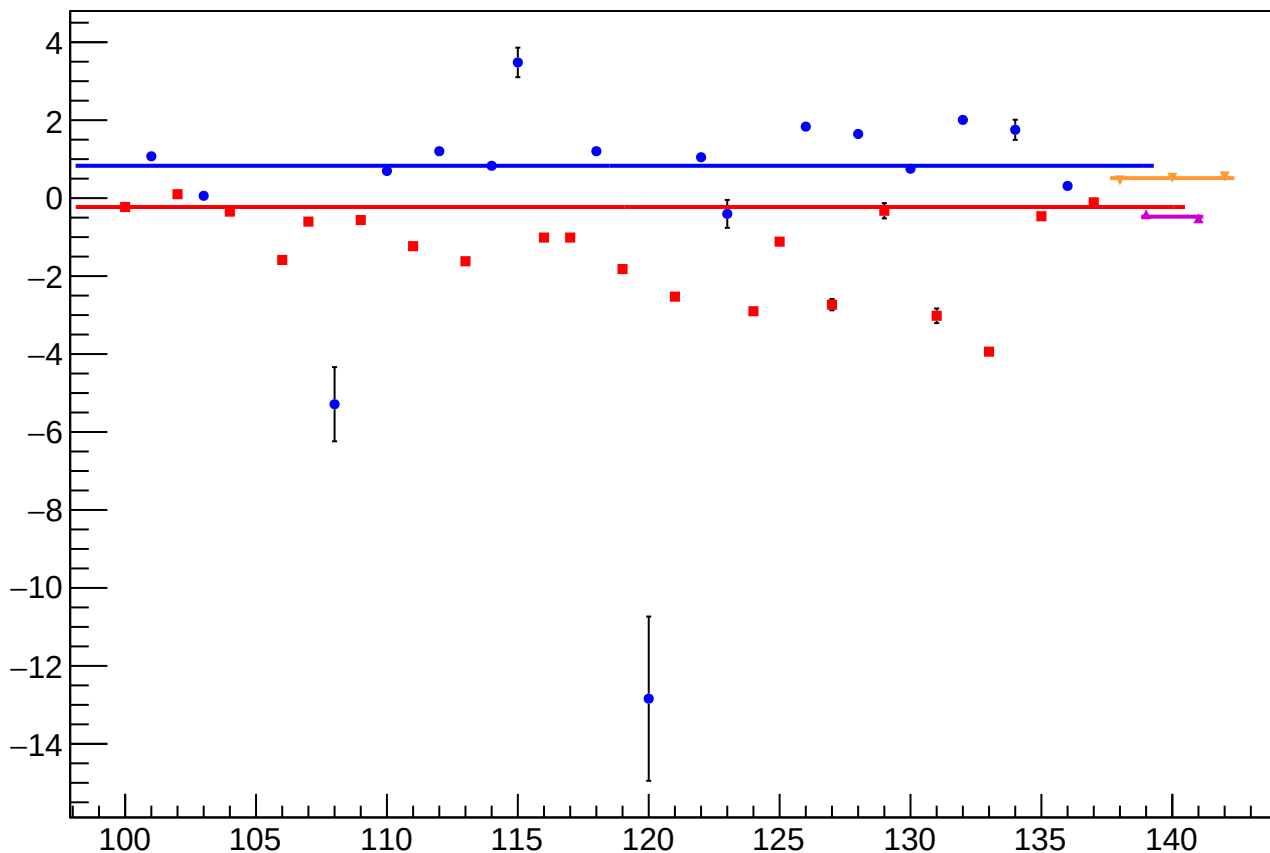
Left In: -3.880 ± 0.372 $\chi^2/\text{NDF}: 753.2/1$

-18.596 ± 0.144 $\chi^2/\text{NDF}: 12057.7/19$

5.568 ± 0.000 $\chi^2/\text{NDF}: 65536.5/41$

5.568 ± 0.000 $\chi^2/\text{NDF}: 25456.3/21$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.830+/-0.000 χ^2/NDF : 14882.7/16

Left Out: 0.514+/-0.004 χ^2/NDF : 72.1/2

Right Out: -0.227+/-0.000 χ^2/NDF : 12548.7/19

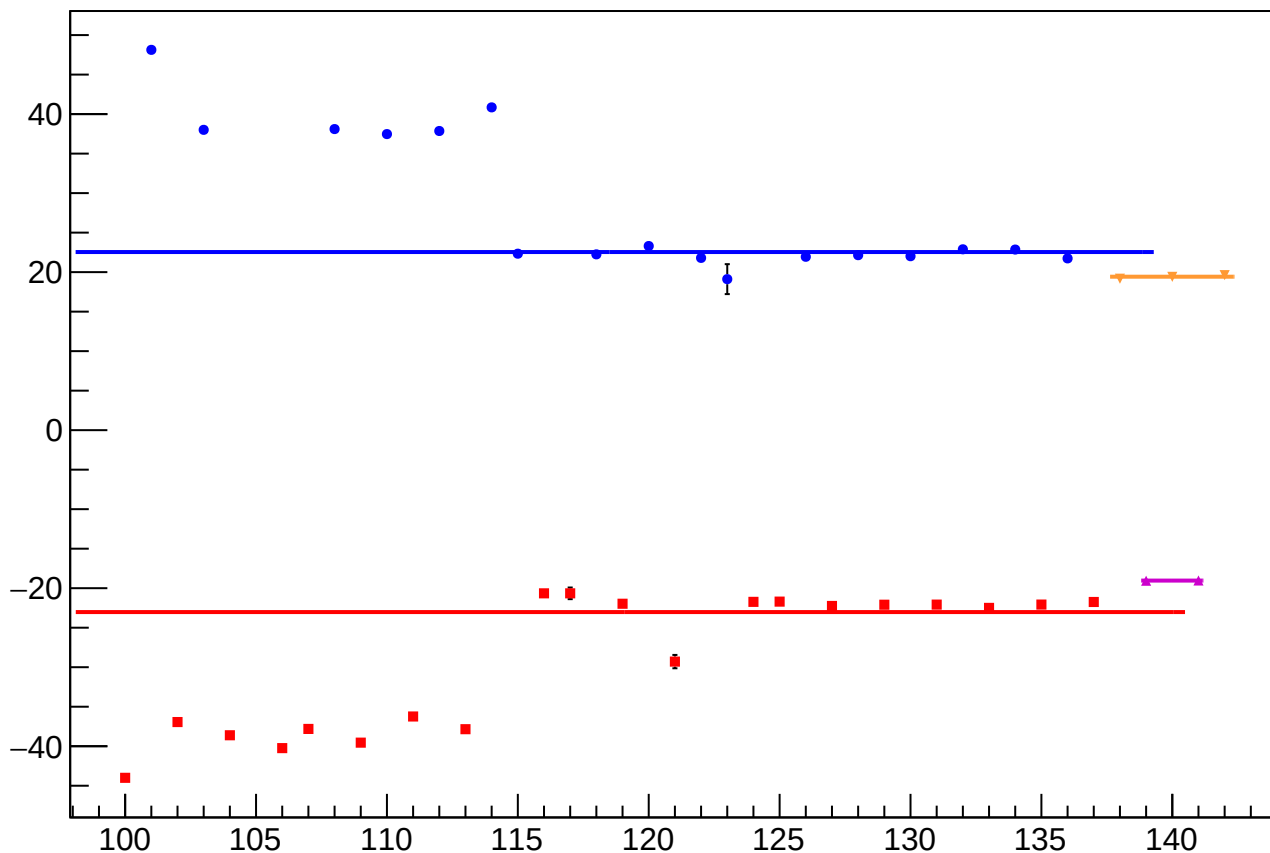
Left In: -0.475+/-0.003 χ^2/NDF : 241.3/1

0.830+/-0.000 χ^2/NDF : 22021.3/19

-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 ± 0.009 $\chi^2/\text{NDF}: 105452.8/16$

Left Out: 19.422 ± 0.016 $\chi^2/\text{NDF}: 94.7/2$

Right Out: -23.022 ± 0.009 $\chi^2/\text{NDF}: 165848.3/19$

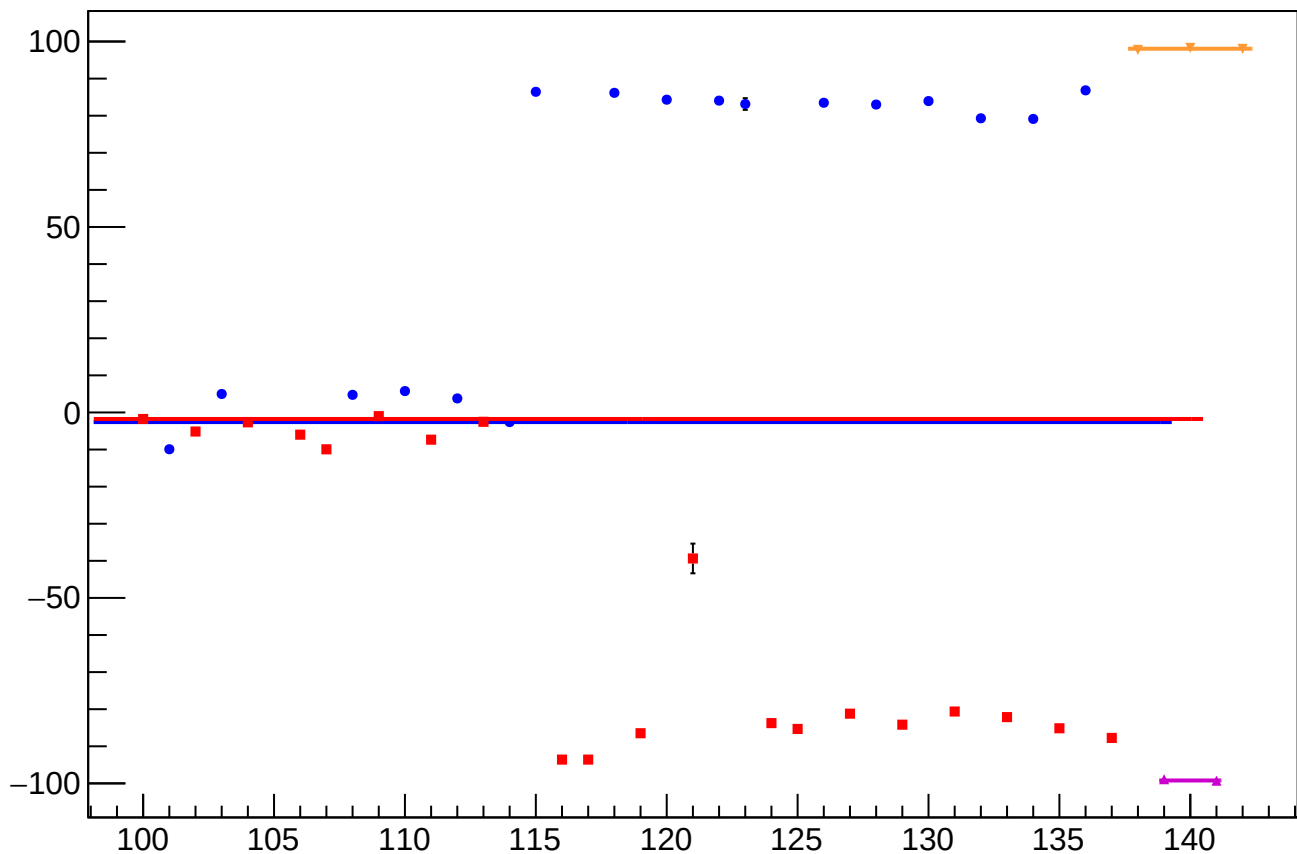
Left In: -19.038 ± 0.016 $\chi^2/\text{NDF}: 0.9/1$

21.755 ± 0.008 $\chi^2/\text{NDF}: 133918.7/19$

-0.539 ± 0.006 $\chi^2/\text{NDF}: 15429374.0/41$

-22.088 ± 0.008 $\chi^2/\text{NDF}: 211343.8/21$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 98.059+/-0.034 χ^2/NDF : 36.0/2

Right Out: -1.758+/-0.000 χ^2/NDF : 4236707.9/19

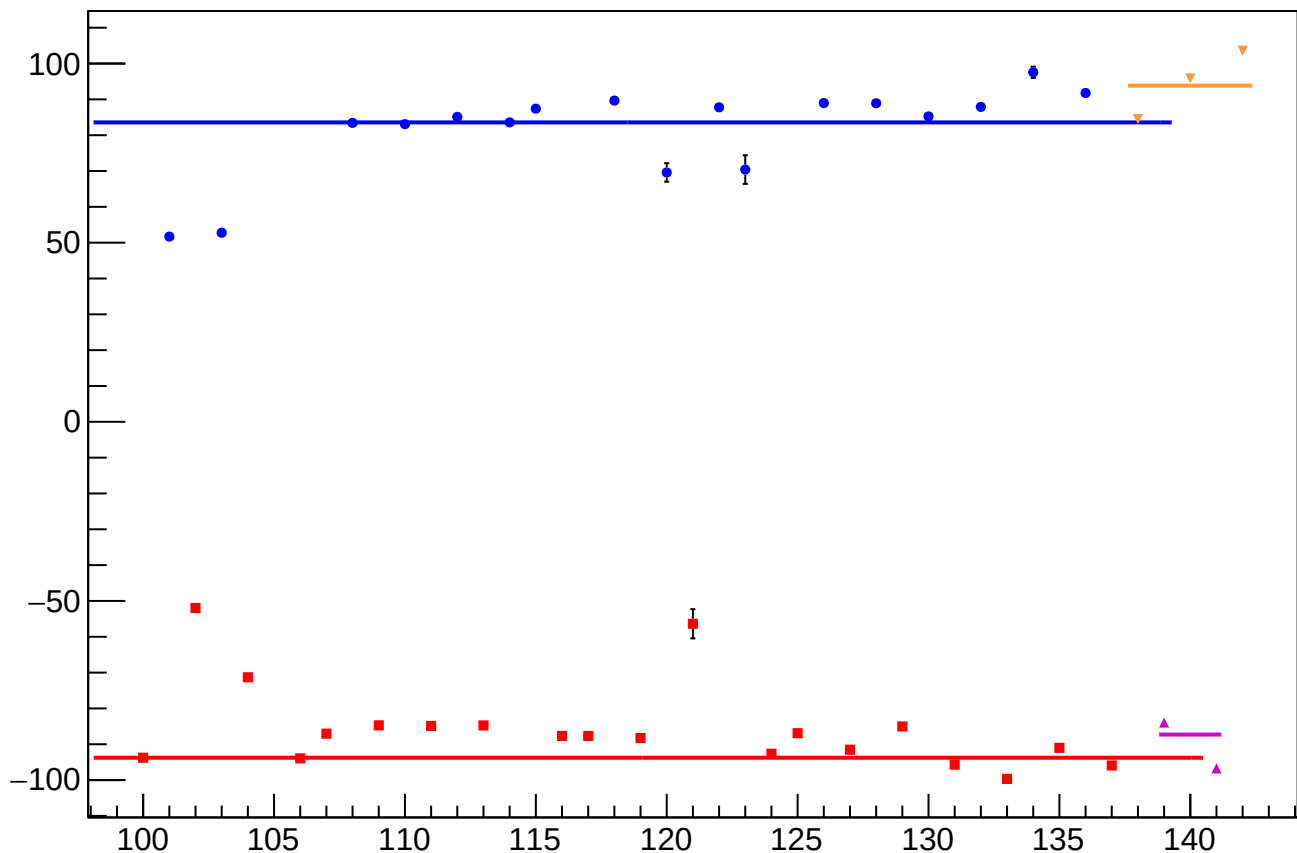
Left In: -99.216+/-0.031 χ^2/NDF : 19.0/1

-2.596+/-0.000 χ^2/NDF : 16246101.1/19

-2.300+/-0.000 χ^2/NDF : 1380717163323

-1.758+/-0.000 χ^2/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: 93.831 ± 0.252 χ^2/NDF : 489.6/2

Right Out: -93.762 ± 0.000 χ^2/NDF : 85273.0/19

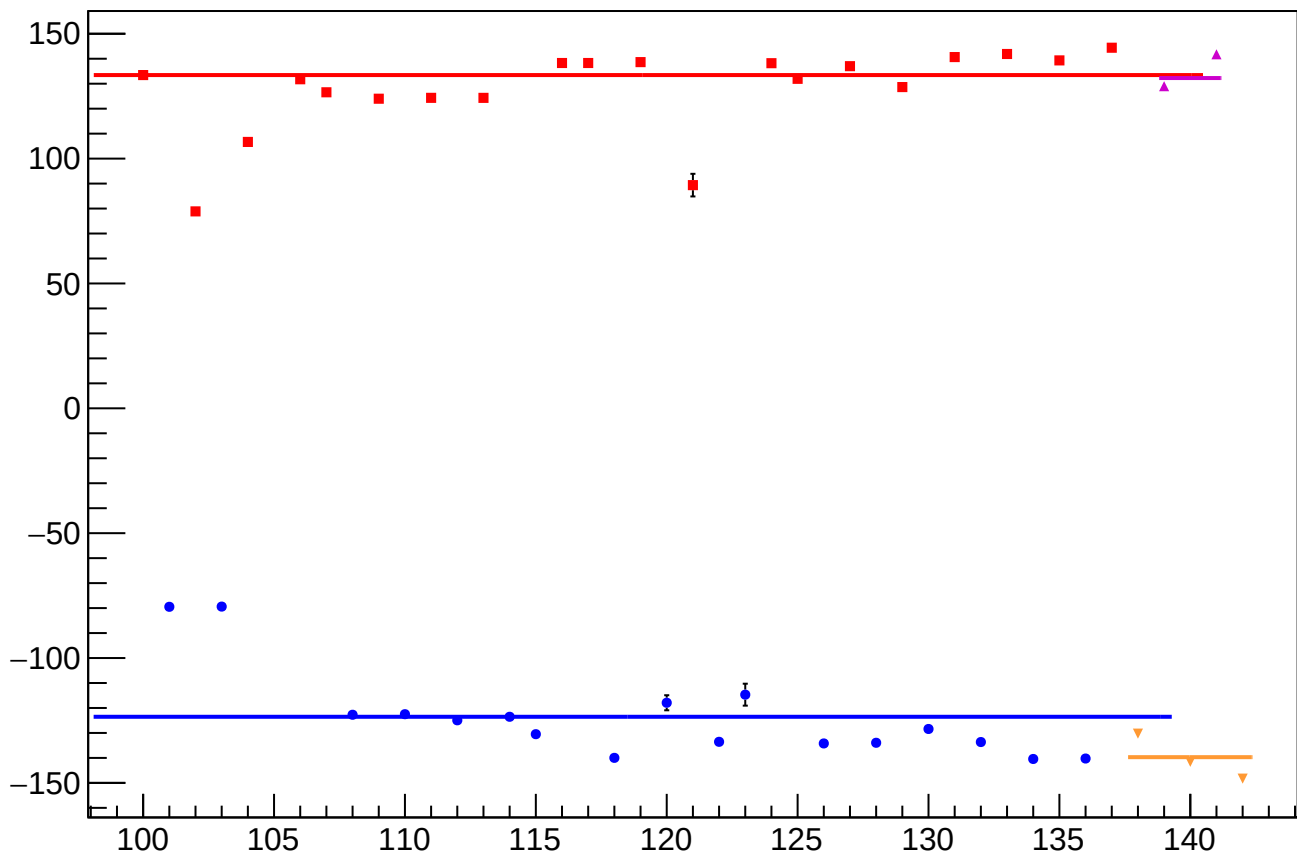
Left In: -87.297 ± 0.158 χ^2/NDF : 1272.6/1

83.573 ± 0.000 χ^2/NDF : 51610.8/19

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: -139.700 ± 0.250 χ^2/NDF : 441.4/2

Right Out: 133.456 ± 0.000 χ^2/NDF : 396347.1/19

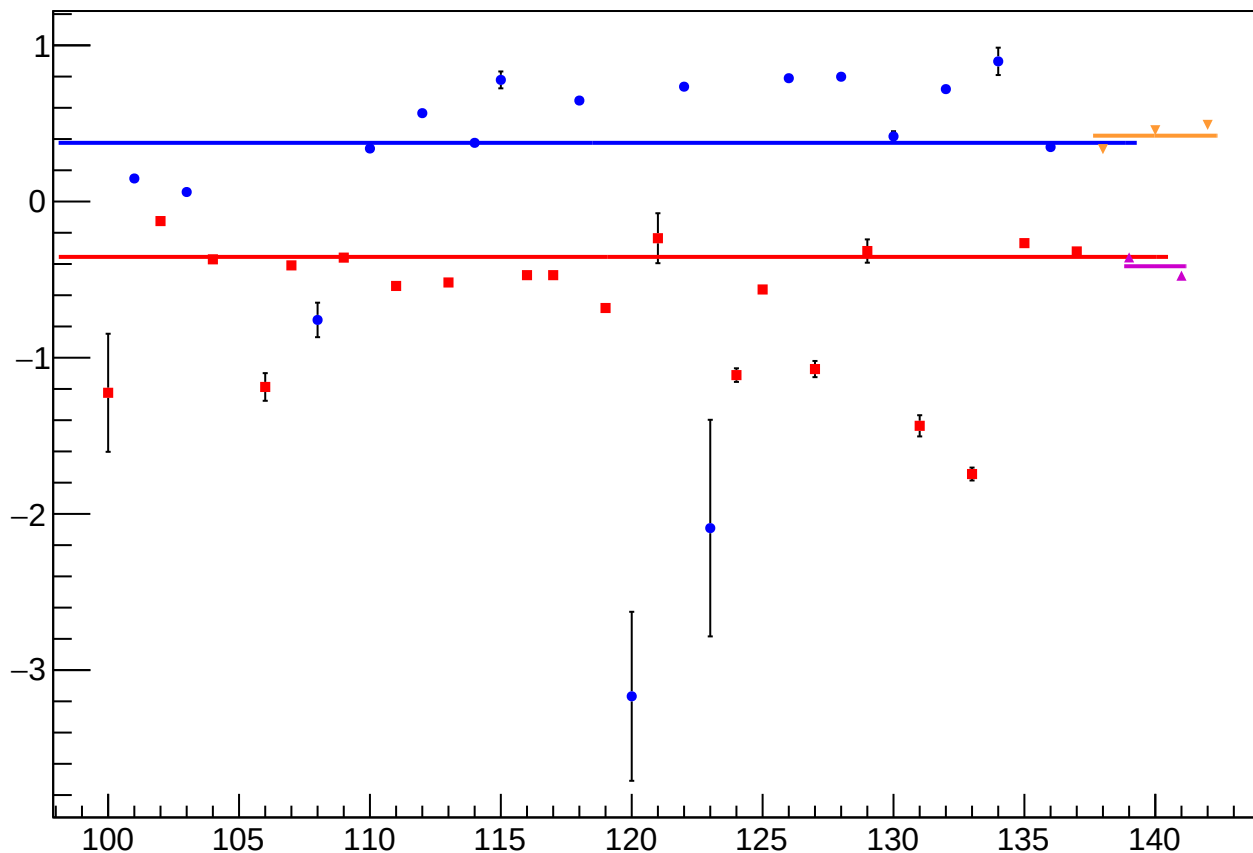
Left In: 132.263 ± 0.152 χ^2/NDF : 1340.9/1

-123.524 ± 0.000 χ^2/NDF : 164982.0/19

-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 ± 0.000 χ^2/NDF : 3961.7/16

Left Out: 0.422 ± 0.002 χ^2/NDF : 630.7/2

Right Out: -0.354 ± 0.002 χ^2/NDF : 4618.1/19

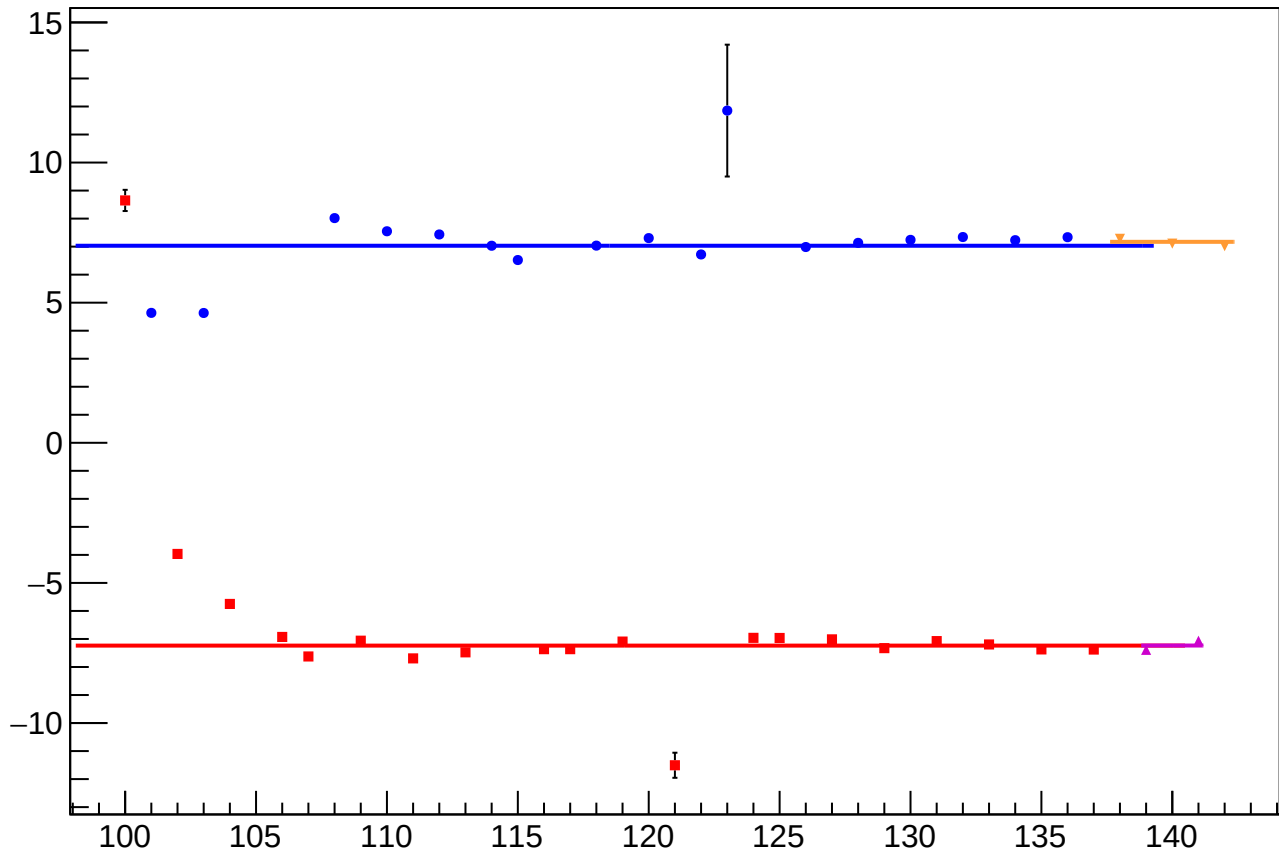
Left In: -0.414 ± 0.001 χ^2/NDF : 2455.7/1

0.376 ± 0.000 χ^2/NDF : 4984.5/19

0.376 ± 0.000 χ^2/NDF : 695566.0/41

-0.392 ± 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: 7.171 $\pm$ 0.004 χ^2 /NDF: 466.7/2

Right Out: -7.237 $\pm$ 0.002 χ^2 /NDF: 10146.4/19

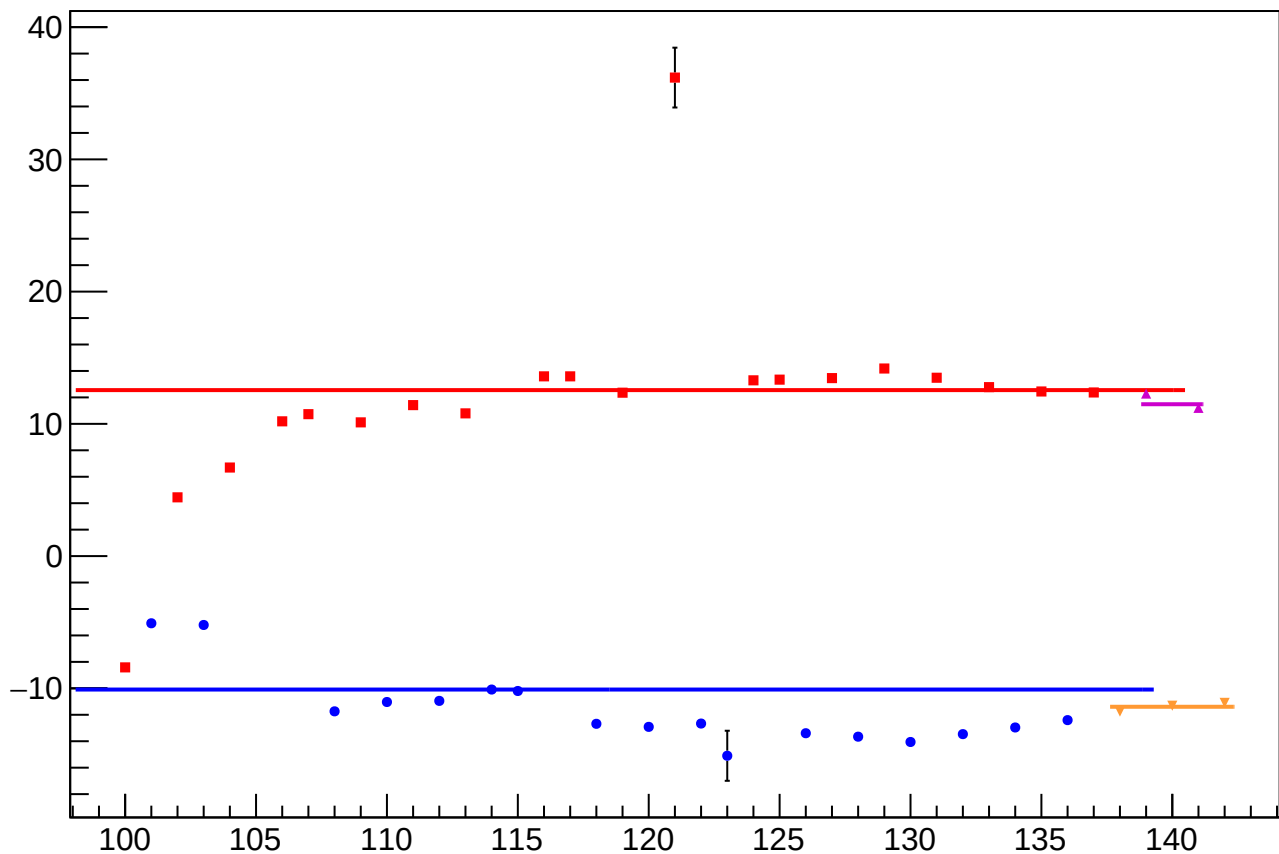
Left In: -7.234 $\pm$ 0.003 χ^2 /NDF: 2658.3/1

7.032 $\pm$ 0.000 χ^2 /NDF: 21210.3/19

7.032 $\pm$ 0.000 χ^2 /NDF: 57476373.2/41

-7.236 $\pm$ 0.002 χ^2 /NDF: 12805.2/21

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -10.092 $\pm$ 0.000 χ^2 /NDF: 543504.2/16

Left Out: -11.394 $\pm$ 0.010 χ^2 /NDF: 585.0/2

Right Out: 12.551 $\pm$ 0.004 χ^2 /NDF: 106791.1/19

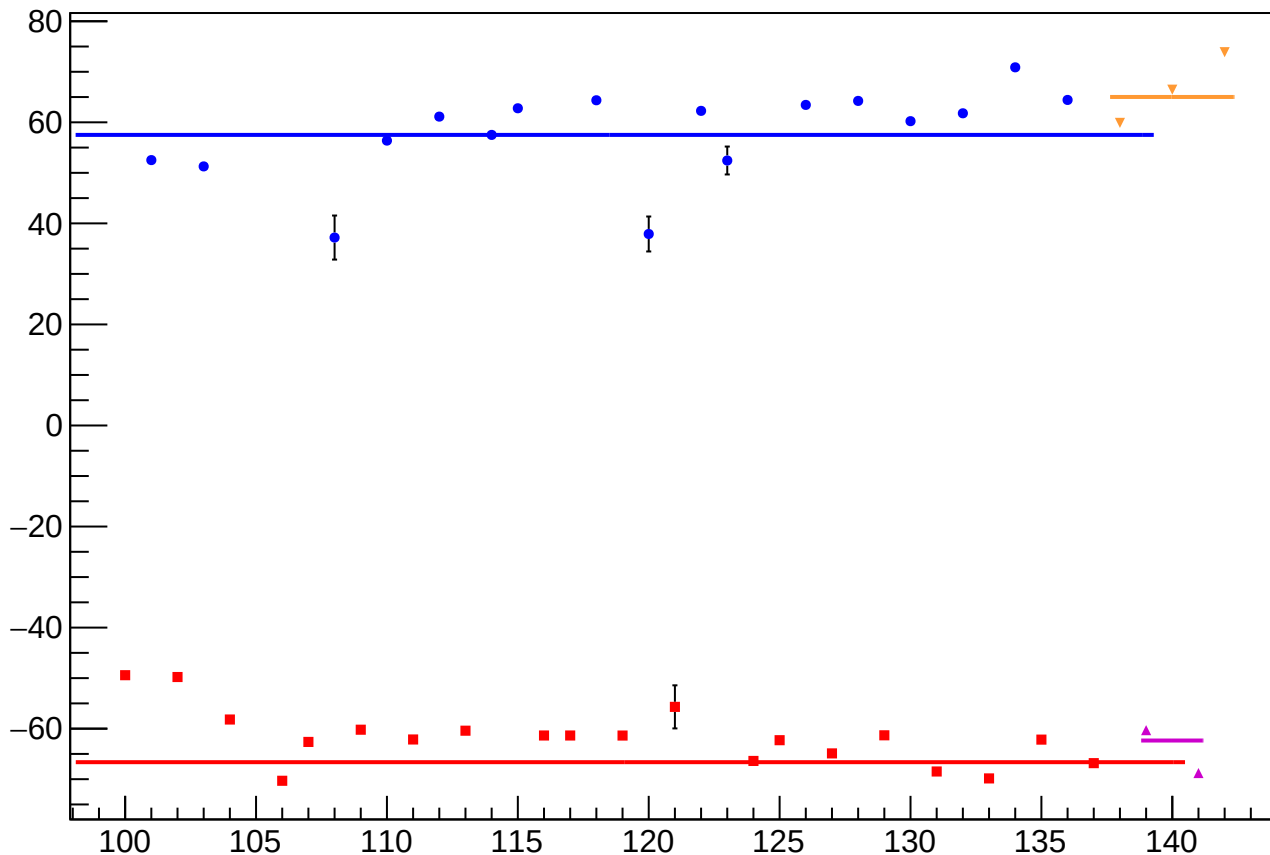
Left In: 11.484 $\pm$ 0.008 χ^2 /NDF: 3065.5/1

-10.092 $\pm$ 0.000 χ^2 /NDF: 561934.7/19

-10.092 $\pm$ 0.000 χ^2 /NDF: 45055222.0/41

12.383 $\pm$ 0.003 χ^2 /NDF: 123158.8/21

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 57.510 $\pm$ 0.000 χ^2 /NDF: 8108.6/16

Left Out: 65.018 $\pm$ 0.171 χ^2 /NDF: 668.1/2

Right Out: -66.634 $\pm$ 0.013 χ^2 /NDF: 8486.4/19

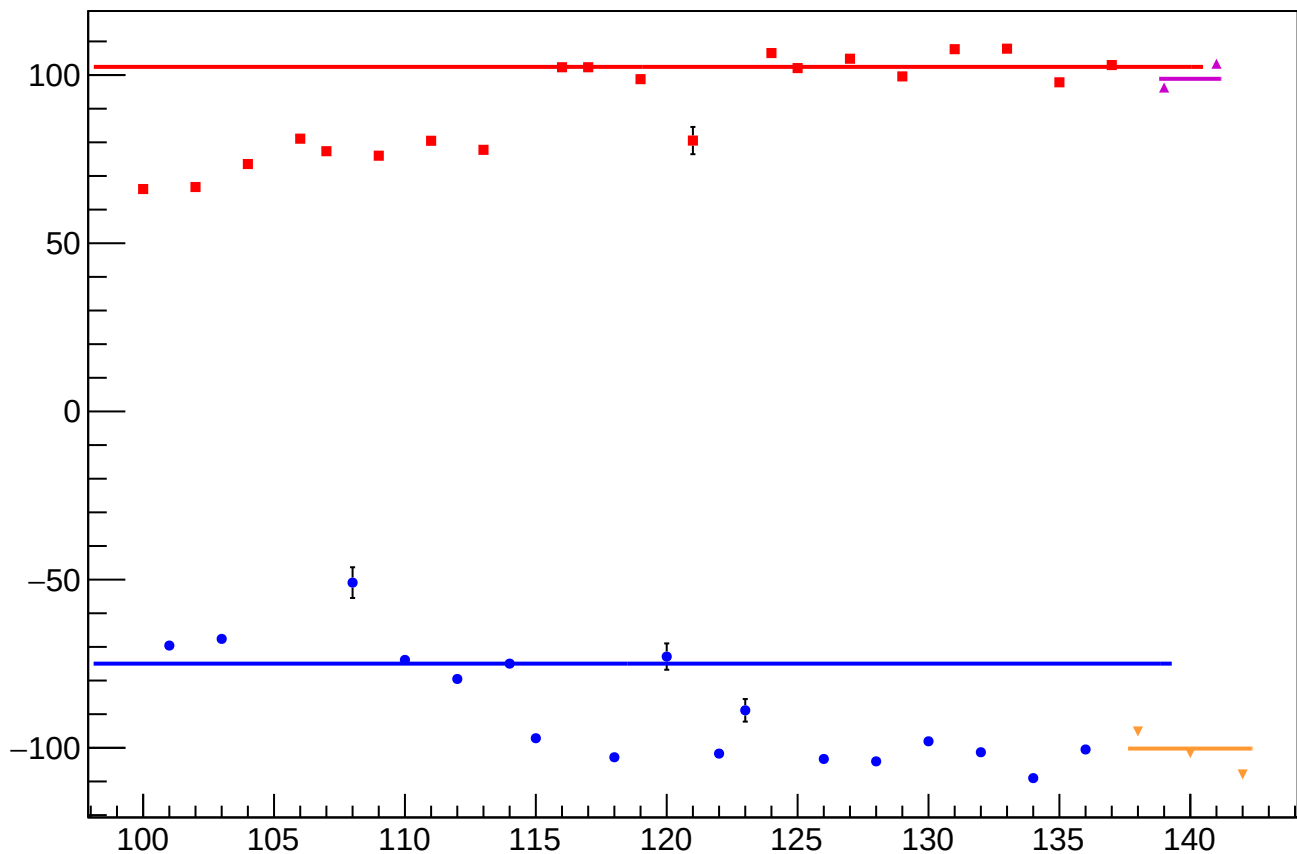
Left In: -62.349 $\pm$ 0.103 χ^2 /NDF: 1252.2/1

57.510 $\pm$ 0.000 χ^2 /NDF: 10699.3/19

57.510 $\pm$ 0.000 χ^2 /NDF: 91719849.8/41

-66.566 $\pm$ 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: -100.222 ± 0.171 χ^2/NDF : 554.4/2

Right Out: 102.430 ± 0.018 χ^2/NDF : 50377.6/19

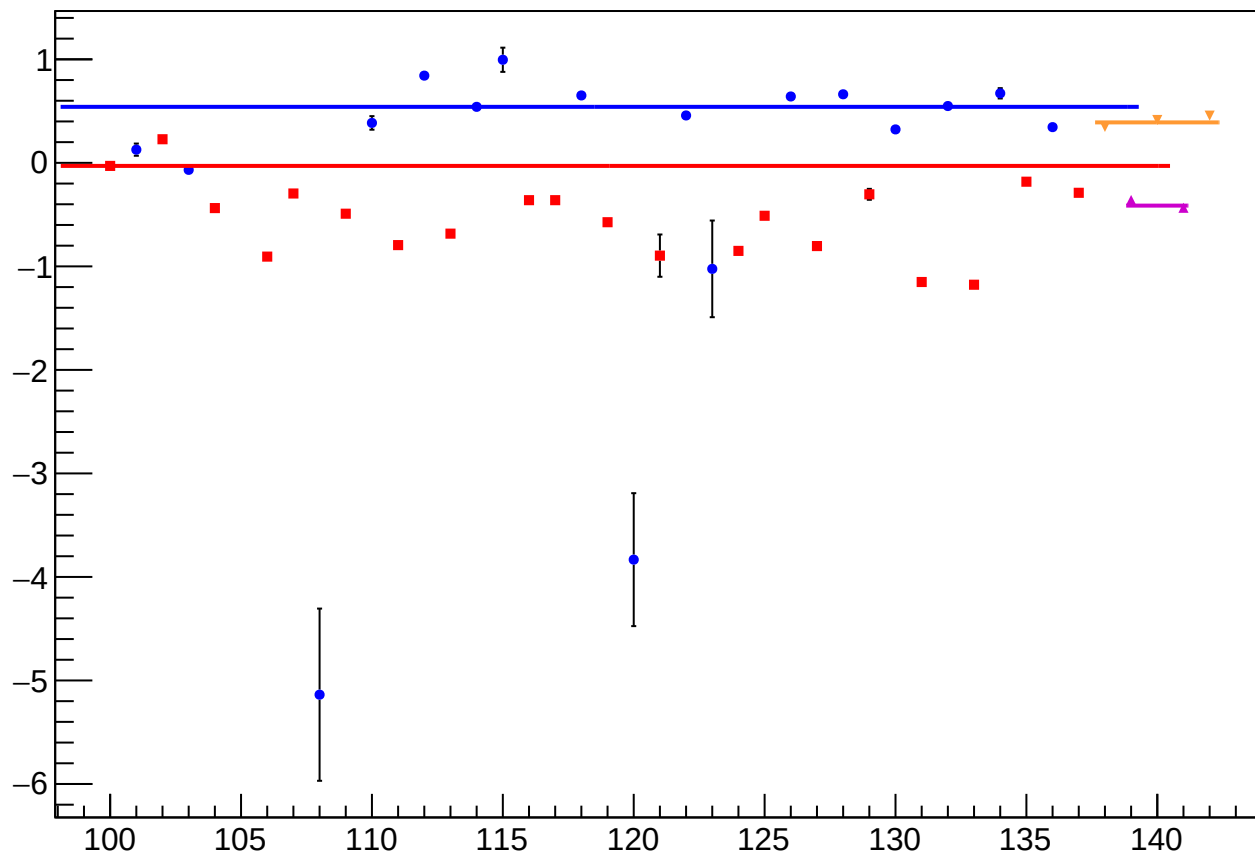
Left In: 98.886 ± 0.123 χ^2/NDF : 767.3/1

-74.974 ± 0.000 χ^2/NDF : 152825.3/19

-74.974 ± 0.000 χ^2/NDF : 101702915.4/4

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: 0.391+/-0.002 χ^2/NDF : 441.7/2

Right Out: -0.030+/-0.000 χ^2/NDF : 121752.0/19

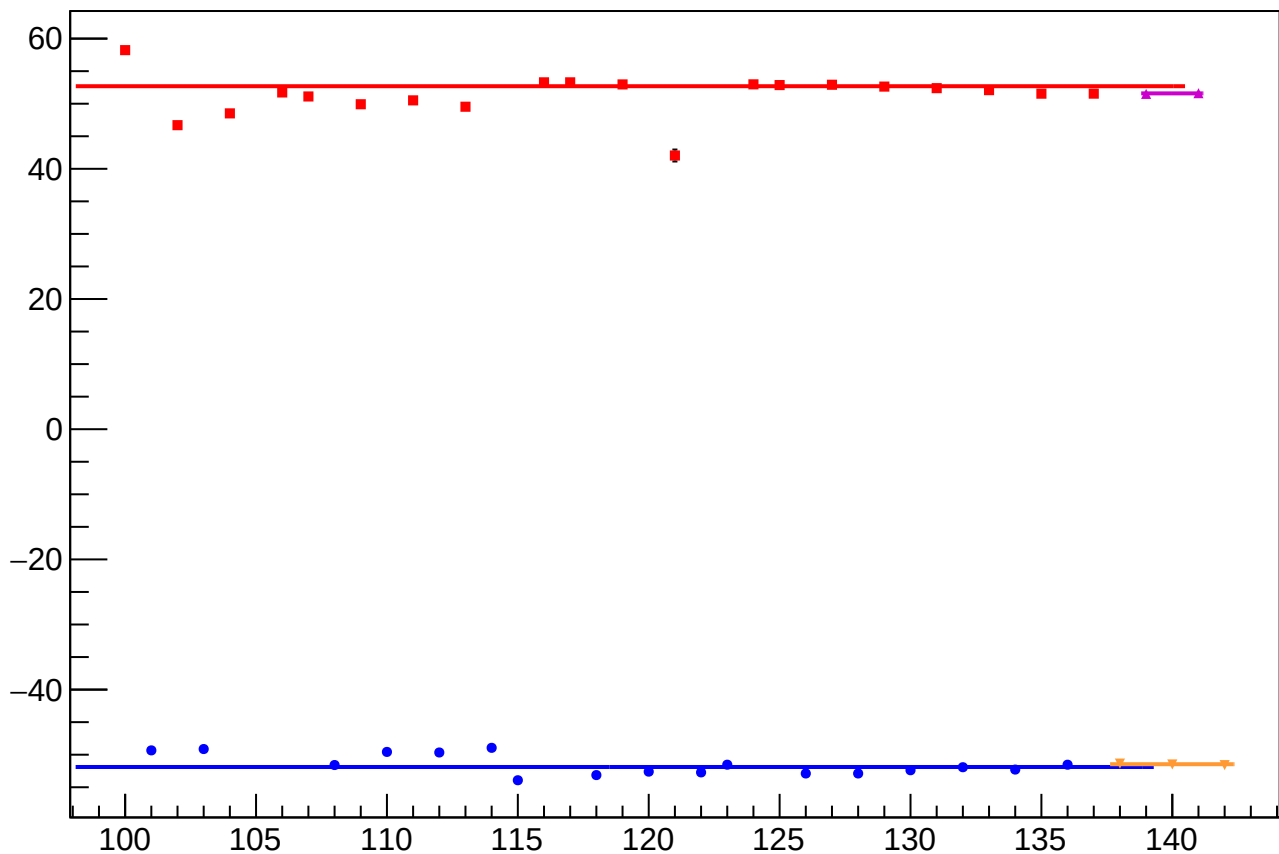
Left In: -0.413+/-0.001 χ^2/NDF : 983.8/1

0.541+/-0.000 χ^2/NDF : 35870.6/19

-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: -51.461 ± 0.006 $\chi^2/\text{NDF}: 279.8/2$

Right Out: 52.688 ± 0.003 $\chi^2/\text{NDF}: 56462.4/19$

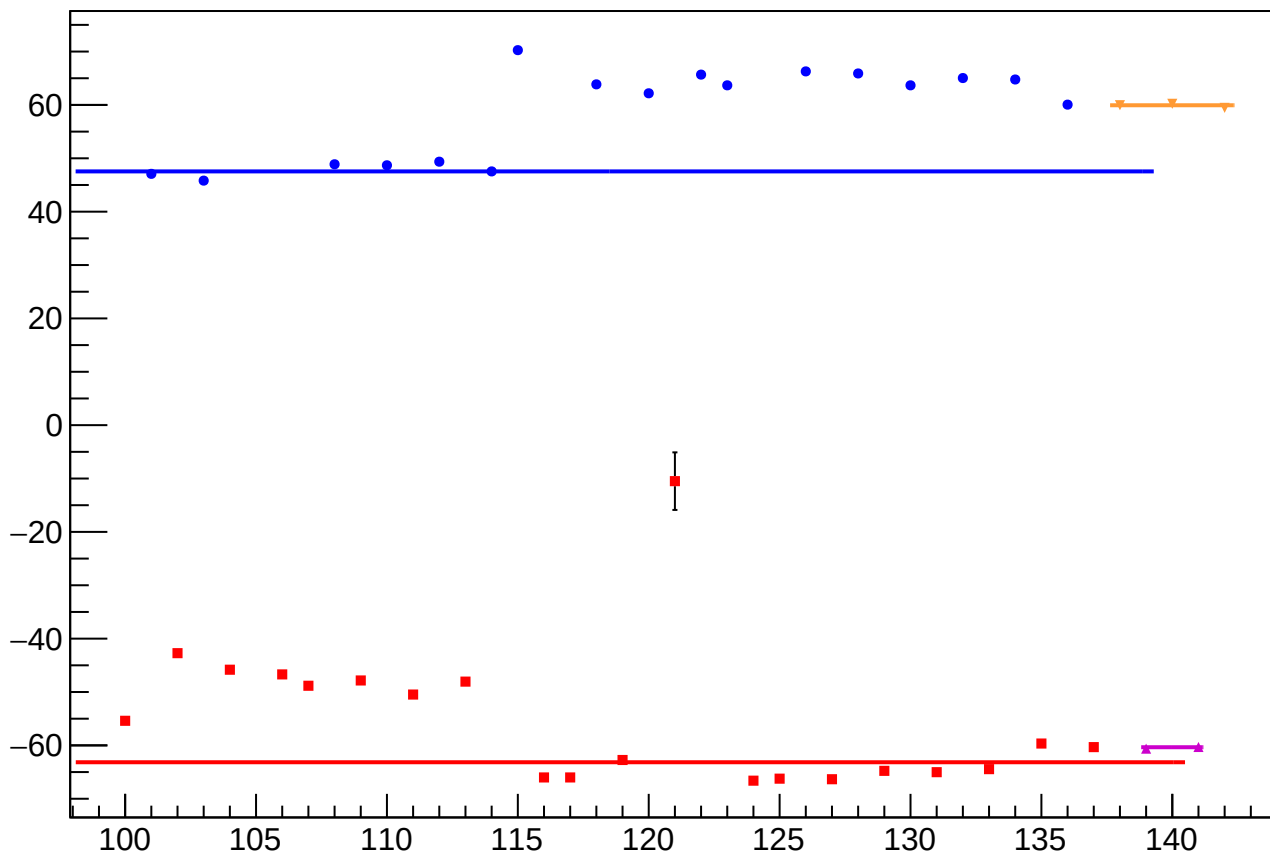
Left In: 51.586 ± 0.004 $\chi^2/\text{NDF}: 152.3/1$

-51.837 ± 0.002 $\chi^2/\text{NDF}: 82212.3/19$

-0.845 ± 0.001 $\chi^2/\text{NDF}: 1214406309.5/41$

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: 59.939+/-0.011 χ^2/NDF :594.5/2

Right Out: -63.161+/-0.007 χ^2/NDF : 337052.2/19

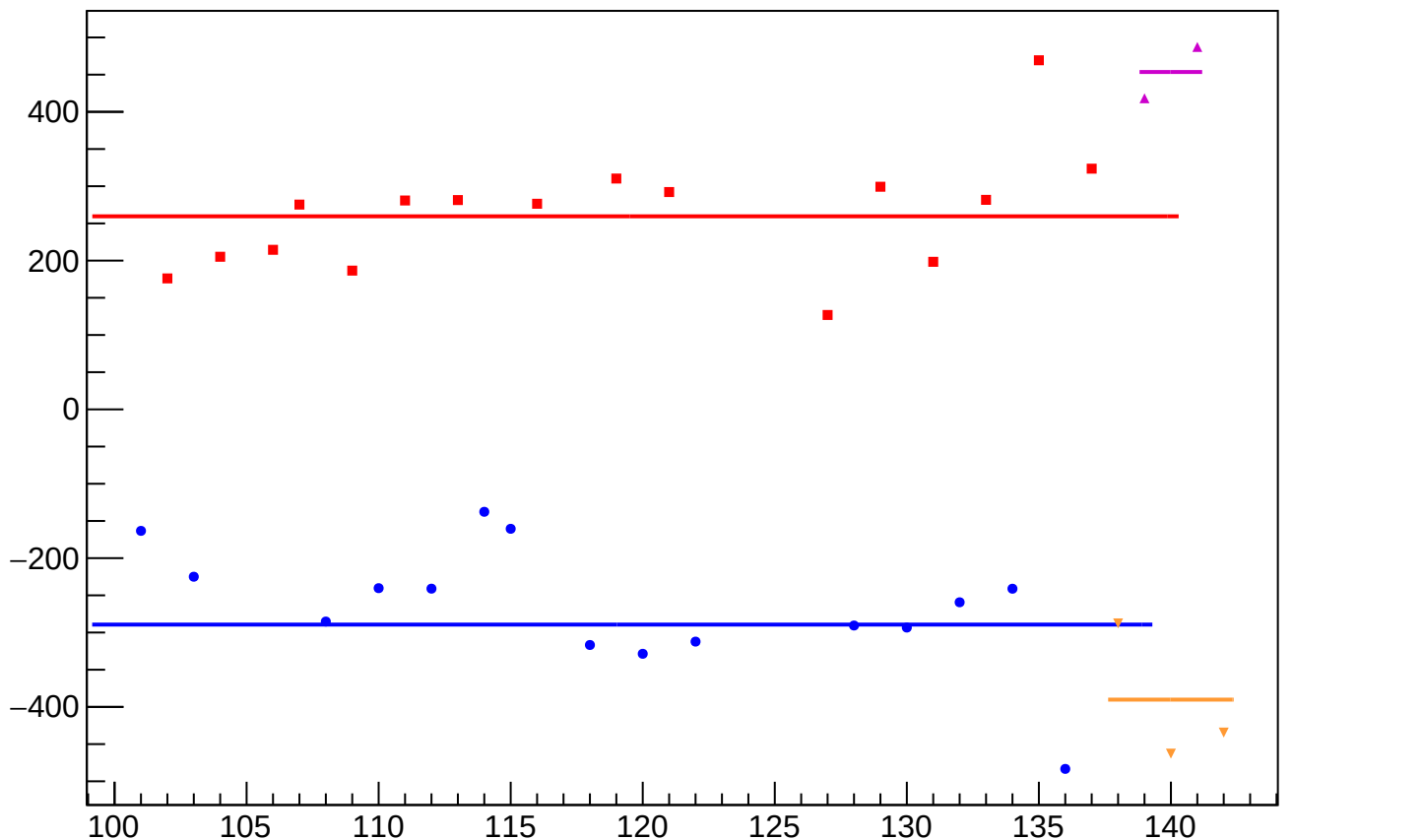
Left In: -60.346+/-0.023 χ^2/NDF :23.9/1

47.545+/-0.000 χ^2/NDF : 4758924.1/19

47.545+/-0.000 χ^2/NDF : 251652952.2/41

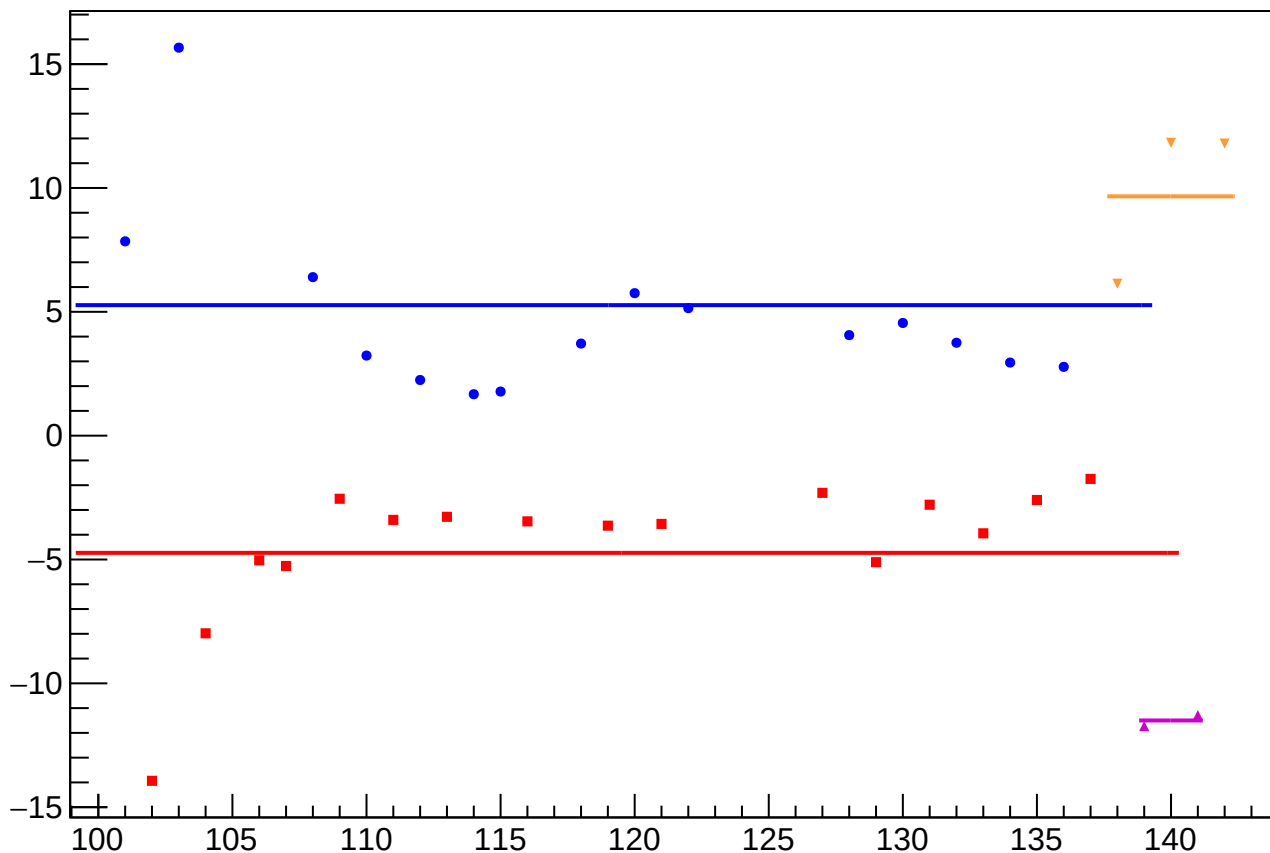
-62.897+/-0.007 χ^2/NDF : 350680.4/21

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14
 Left Out: -390.207+/-0.000 χ^2/NDF : 1342286578808056468531031825883070464.0/2
 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



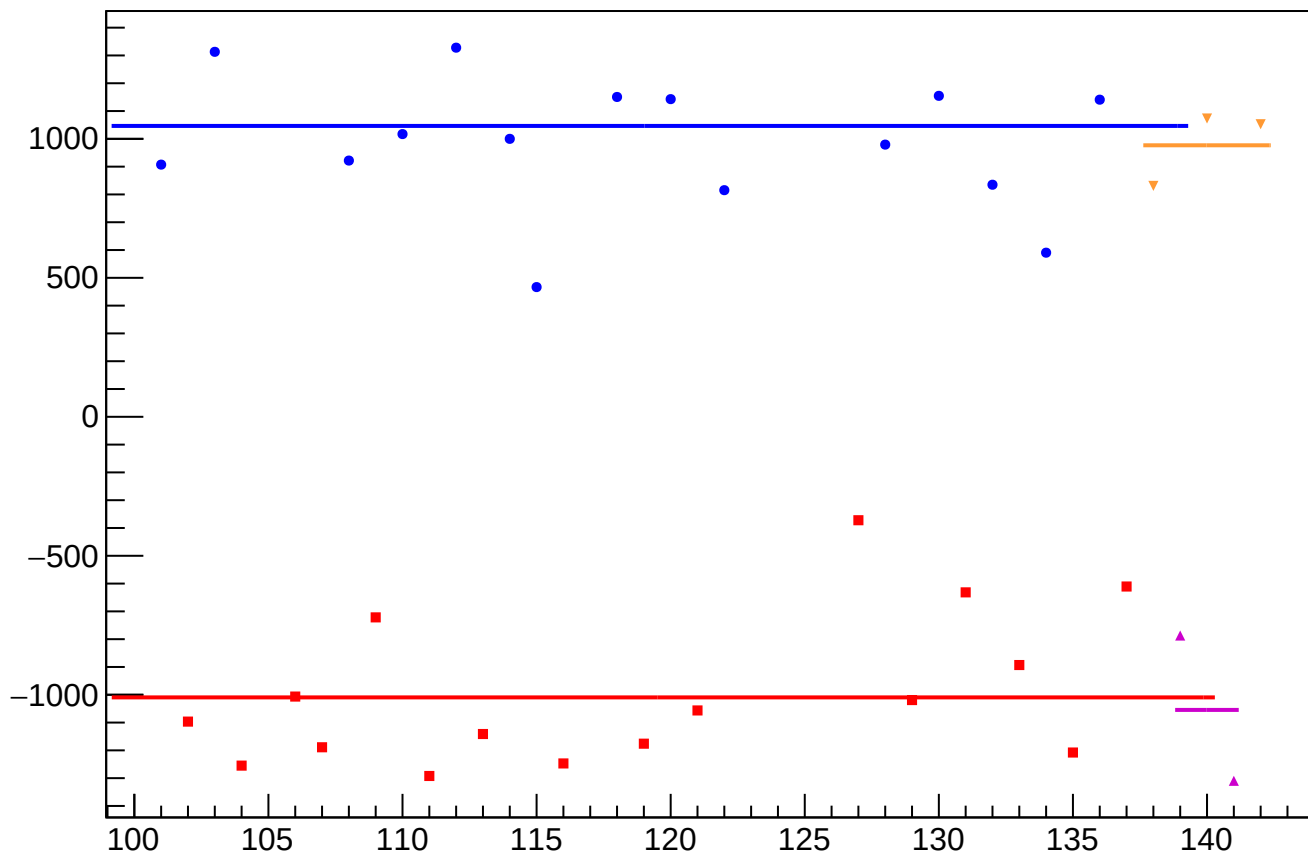
Right In: 5.270 +/- 0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14

Left Out: 9.662 +/- 0.000 χ^2/NDF : 1562900699245040198188409959743488.0/2

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



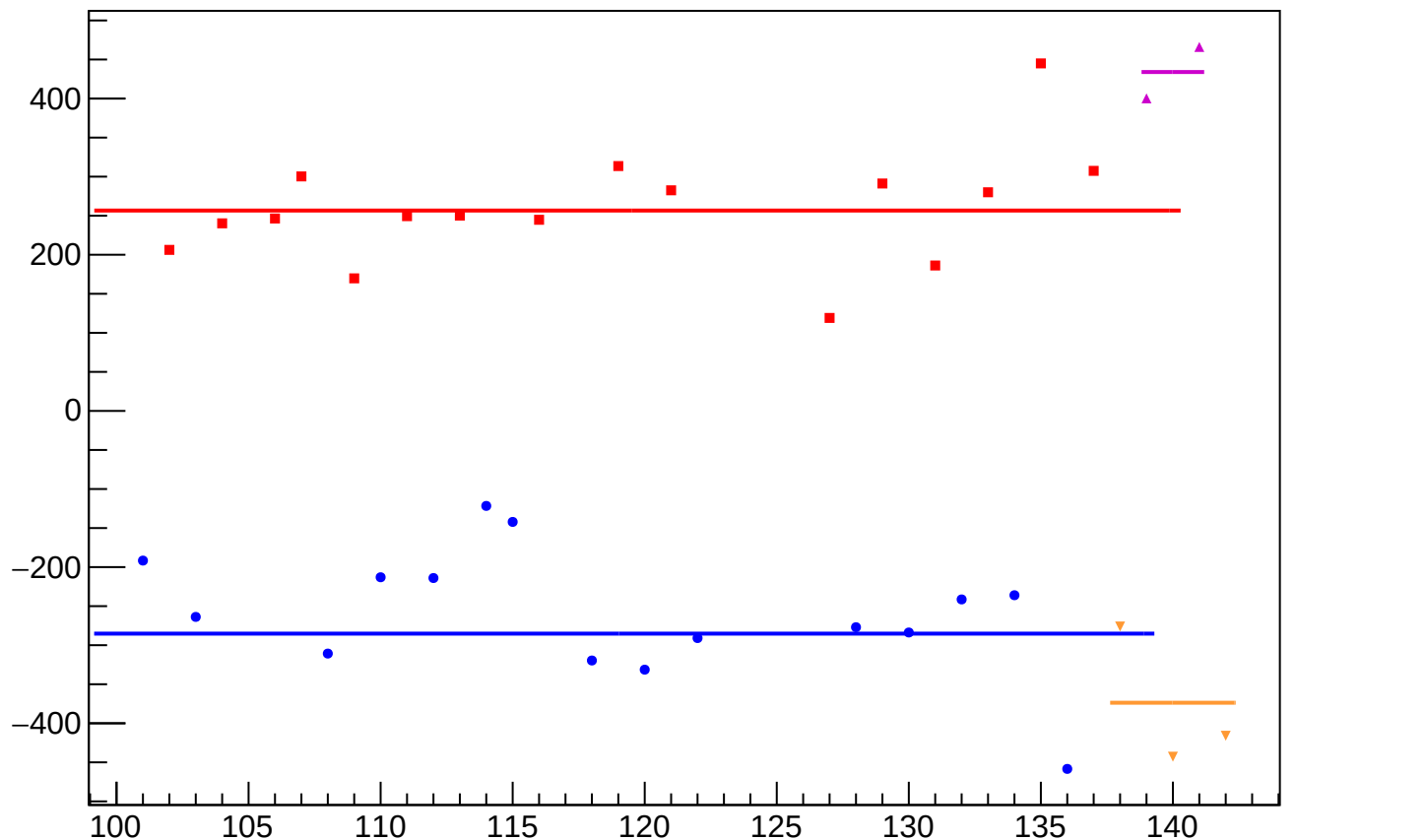
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

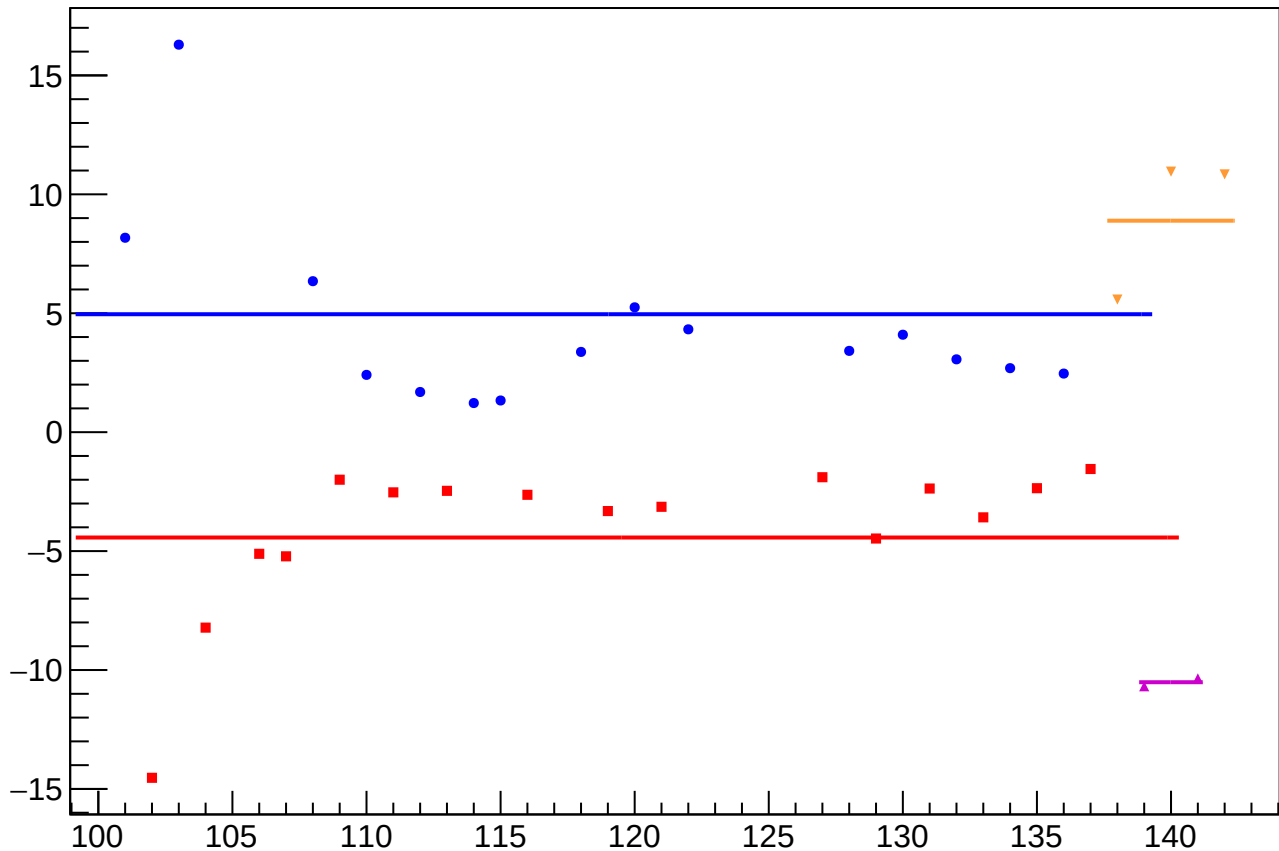
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_4eX_coil1_mean vs Slug, Sign Corrected



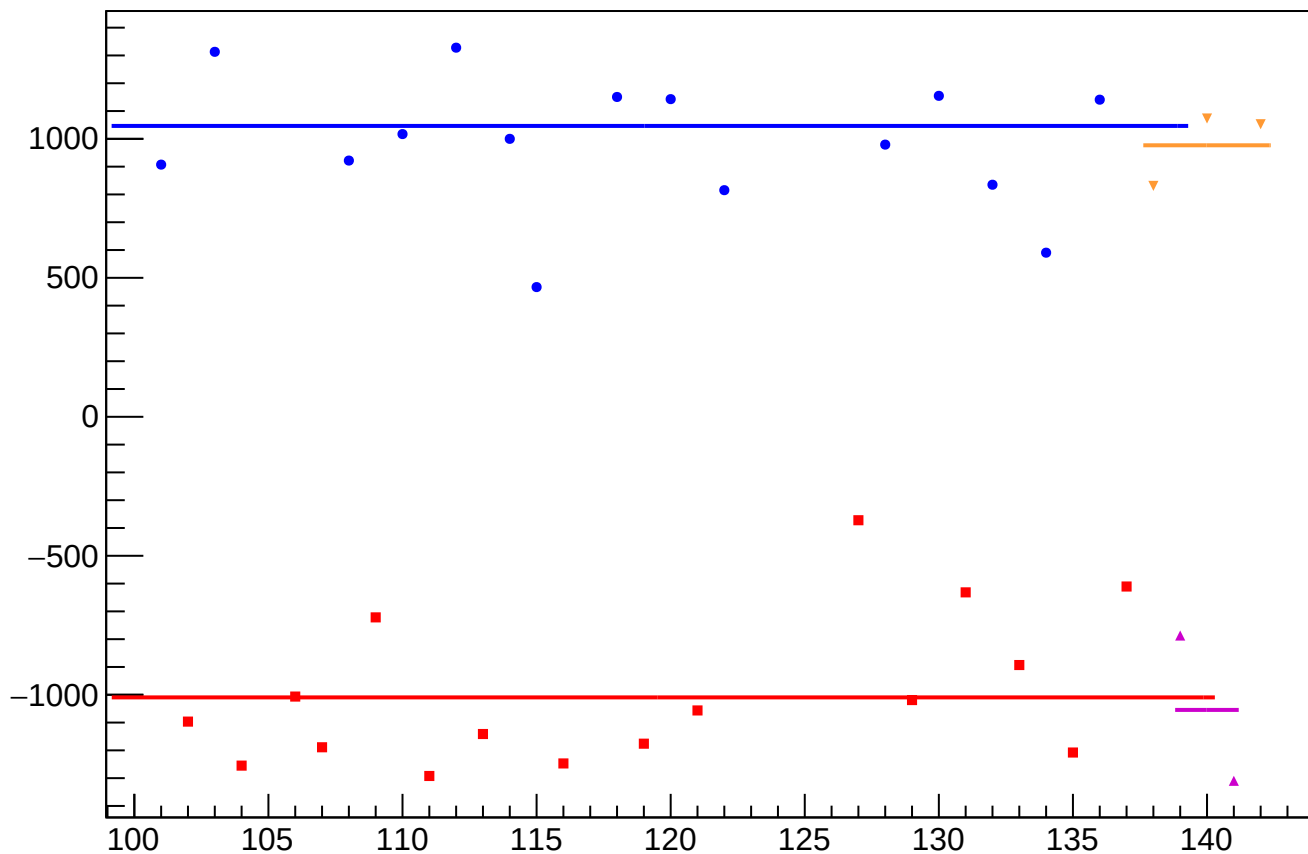
Right In: -285.187 ± 0.000 $\chi^2/\text{NDF}: 4479585262853549838092521921291747328.0/14$
 Left Out: -373.676 ± 0.000 $\chi^2/\text{NDF}: 1217078787916438864992564010199023616.0/2$
 Right Out: 256.599 ± 0.000 $\chi^2/\text{NDF}: 3648271535971039165952602563191767040.0/15$
 Left In: 433.971 ± 0.000 $\chi^2/\text{NDF}: 179665148104058376631691488788480000.0/1$

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 4.959 +/- 0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14
 Left Out: 8.892 +/- 0.000 χ^2/NDF : 1380720453043358951528341155348480.0/2
 Right Out: -4.429 +/- 0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15
 Left In: -10.513 +/- 0.000 χ^2/NDF : 4588511677431786592135481917440.0/1

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



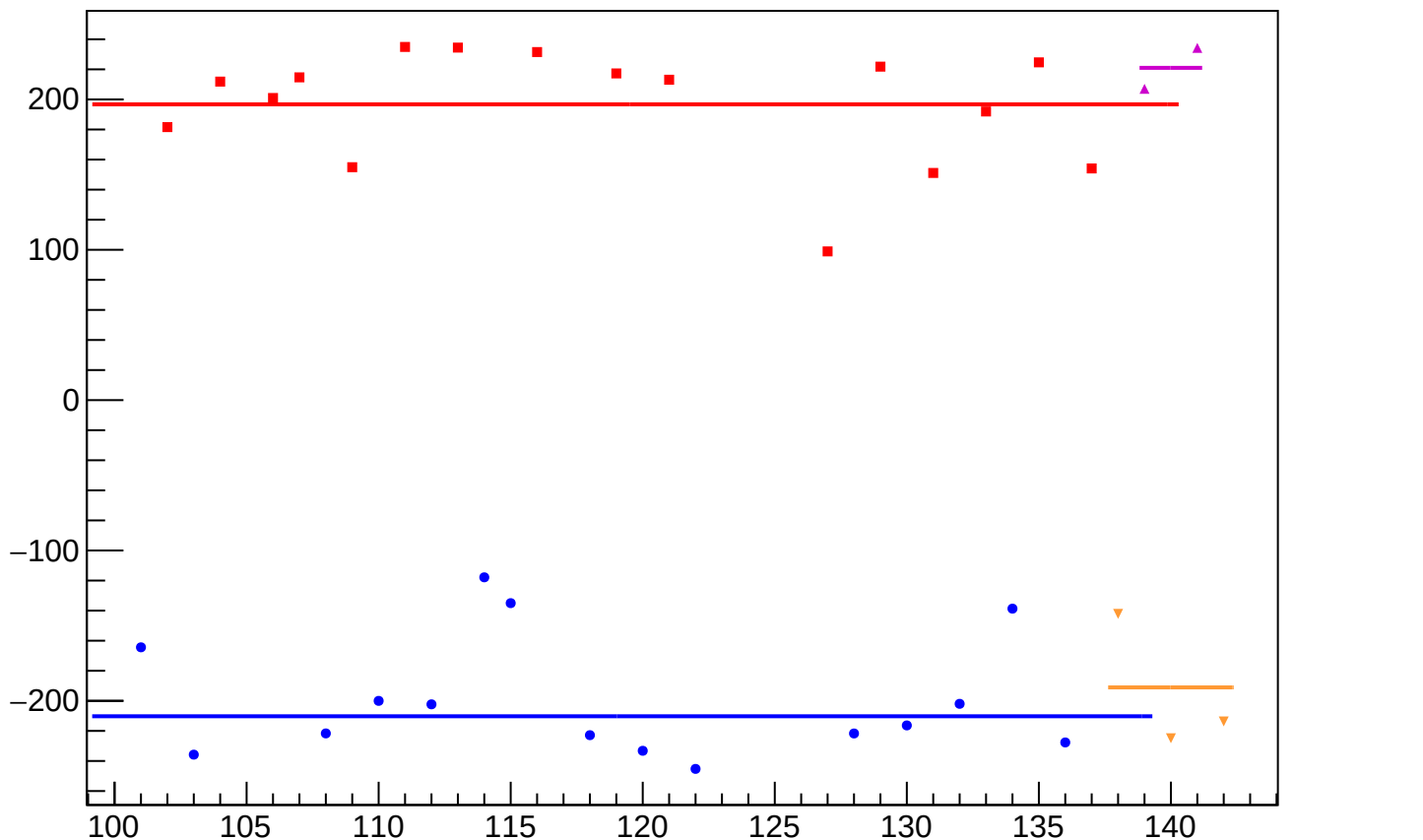
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

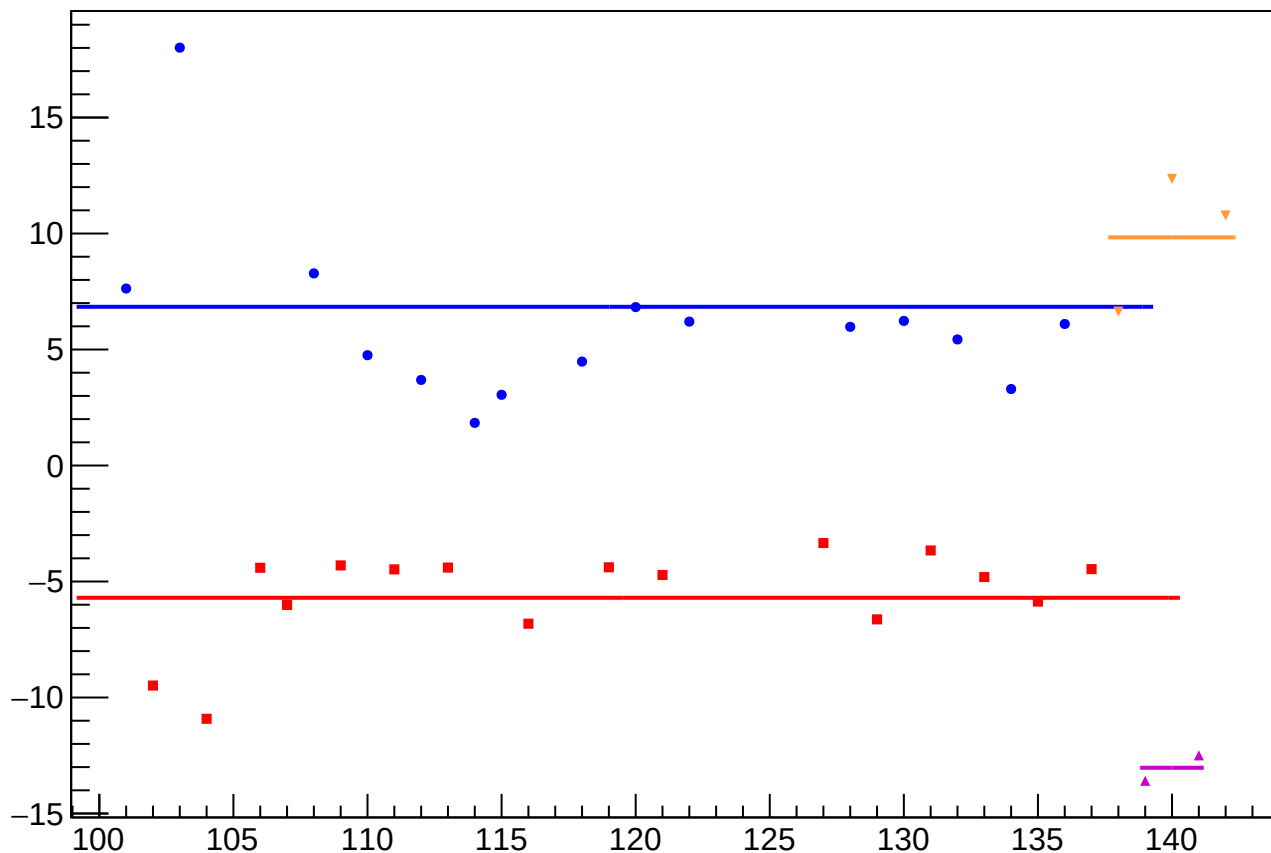
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_11X12X_coil1_mean vs Slug, Sign Corrected



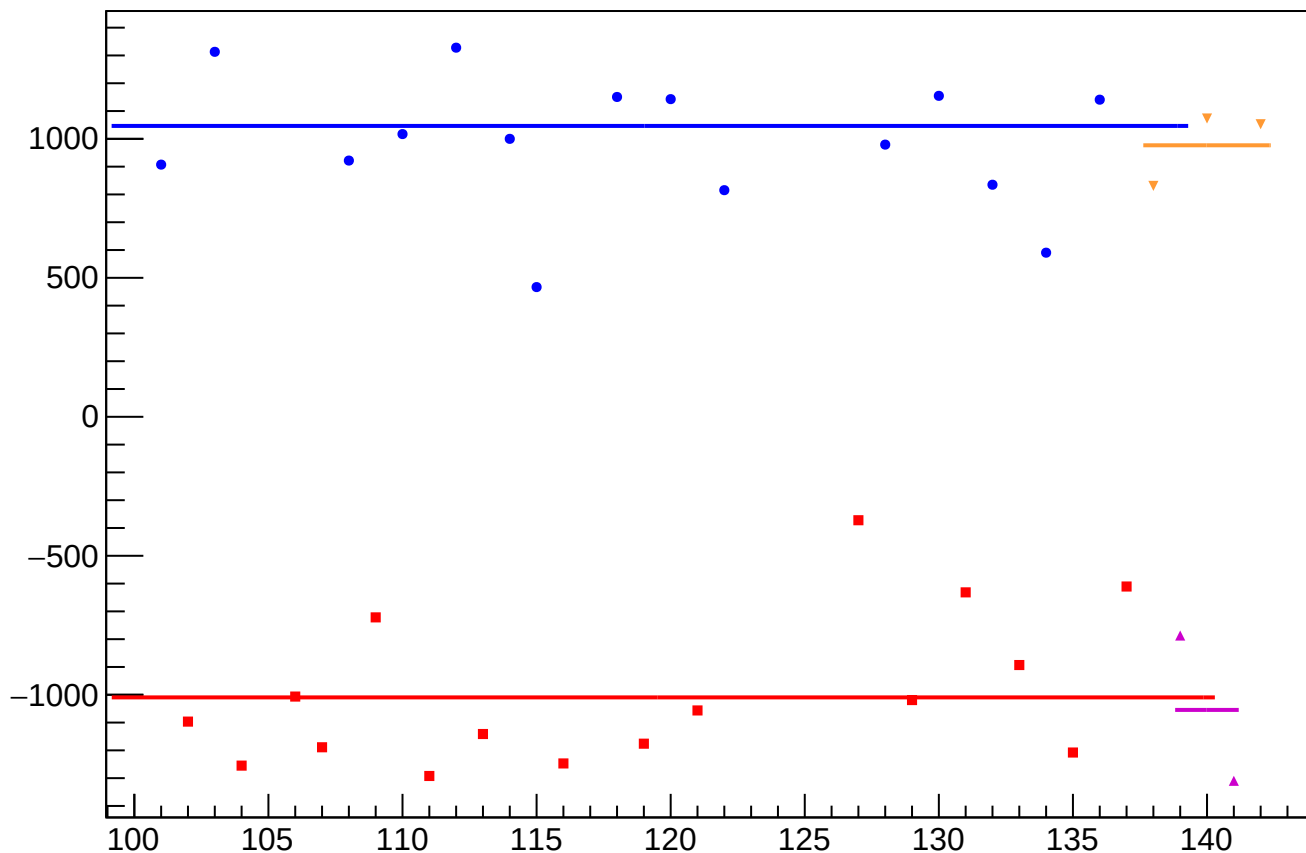
Right In: -210.261 ± 0.000 $\chi^2/\text{NDF}: 567711076568068409192467700494893056.0/14$
 Left Out: -191.072 ± 0.000 $\chi^2/\text{NDF}: 303988618908265438922433115648425984.0/2$
 Right Out: 196.736 ± 0.000 $\chi^2/\text{NDF}: 909588895093044840633640514790359040.0/15$
 Left In: 221.002 ± 0.000 $\chi^2/\text{NDF}: 30734207404079380528684990623383552.0/1$

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 6.842+/-0.000 χ^2/NDF : 9355934166823324467316647620771840.0/14
 Left Out: 9.836+/-0.000 χ^2/NDF : 1360738841984277433905073040130048.0/2
 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



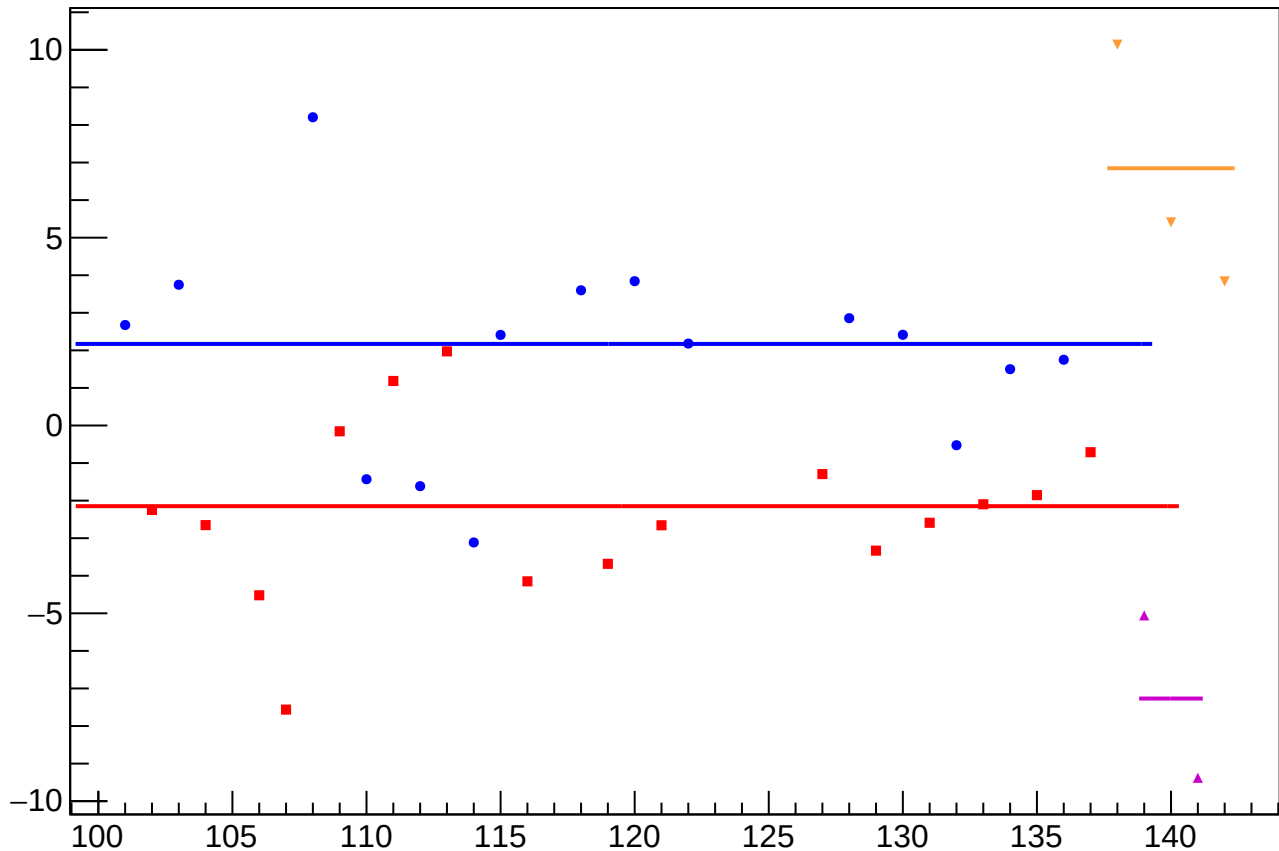
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

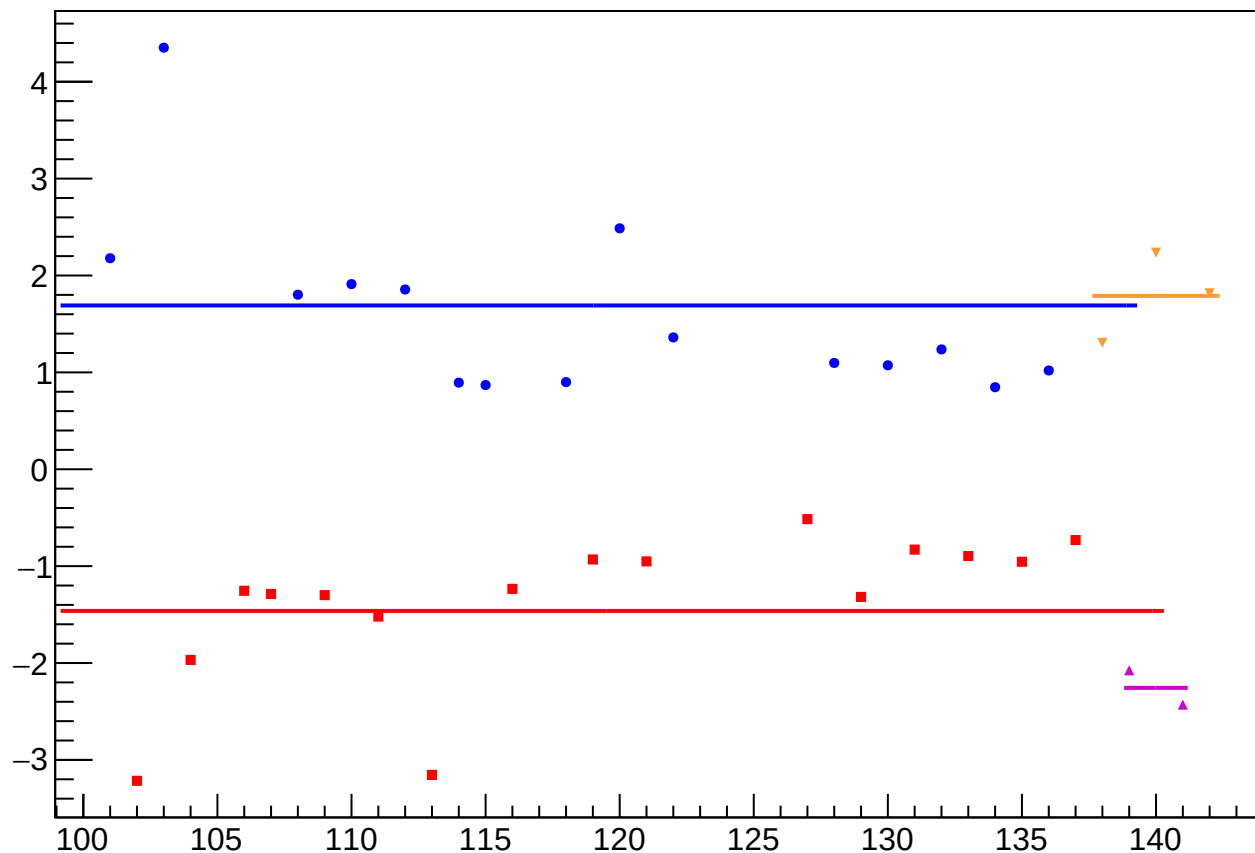
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left Out: 6.847+/-0.000 χ^2/NDF : 1431916862019531643549852066906112.0/2
 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



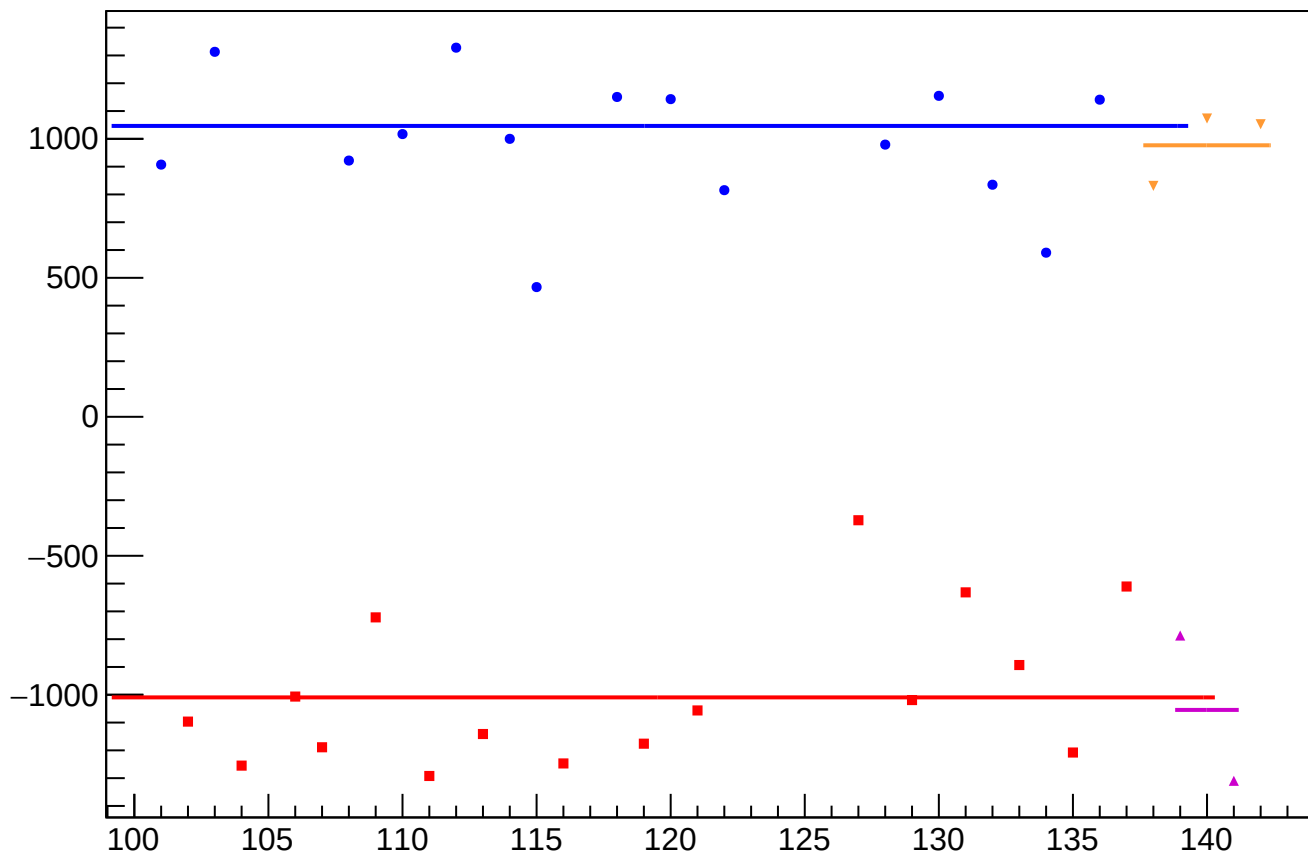
Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14

Left Out: 1.715+/-0.000 χ^2/NDF : 6483927204886936032

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



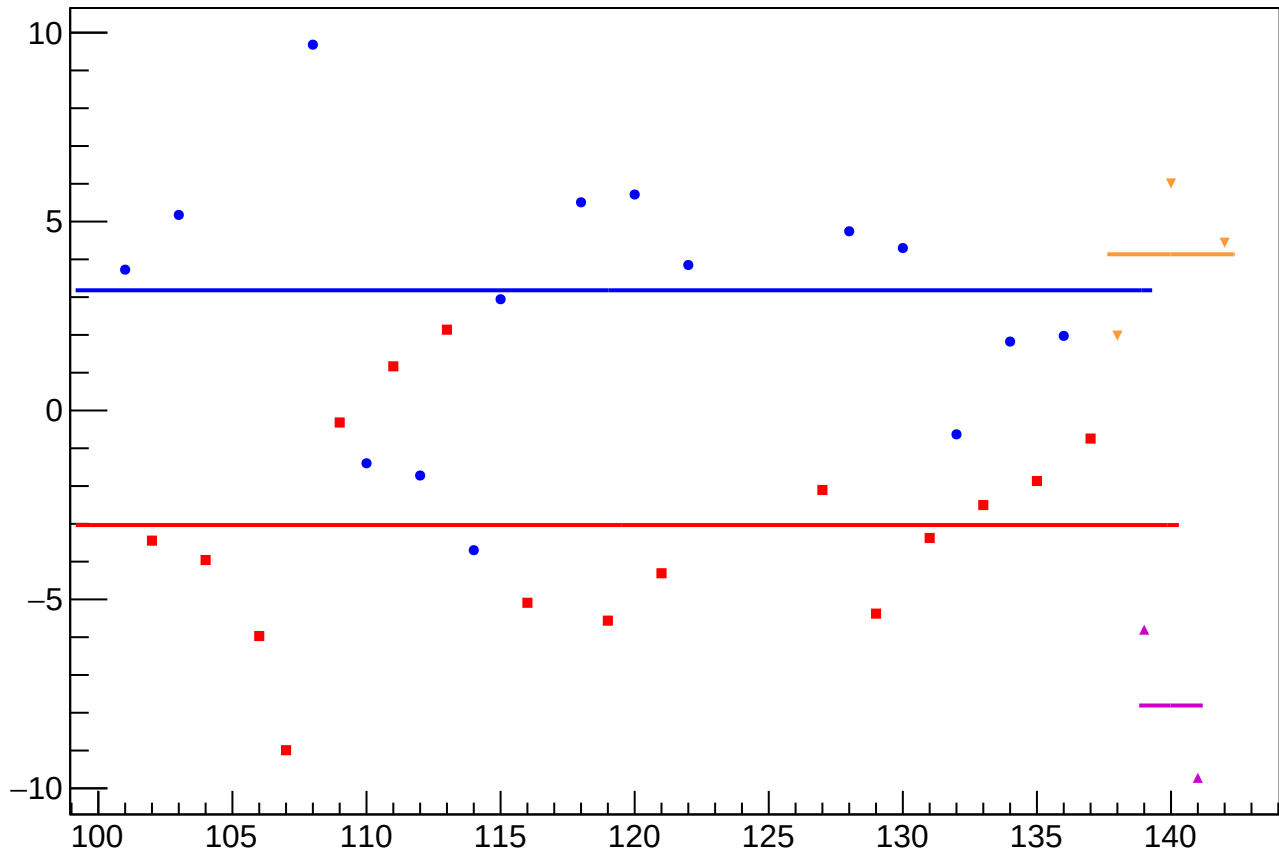
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

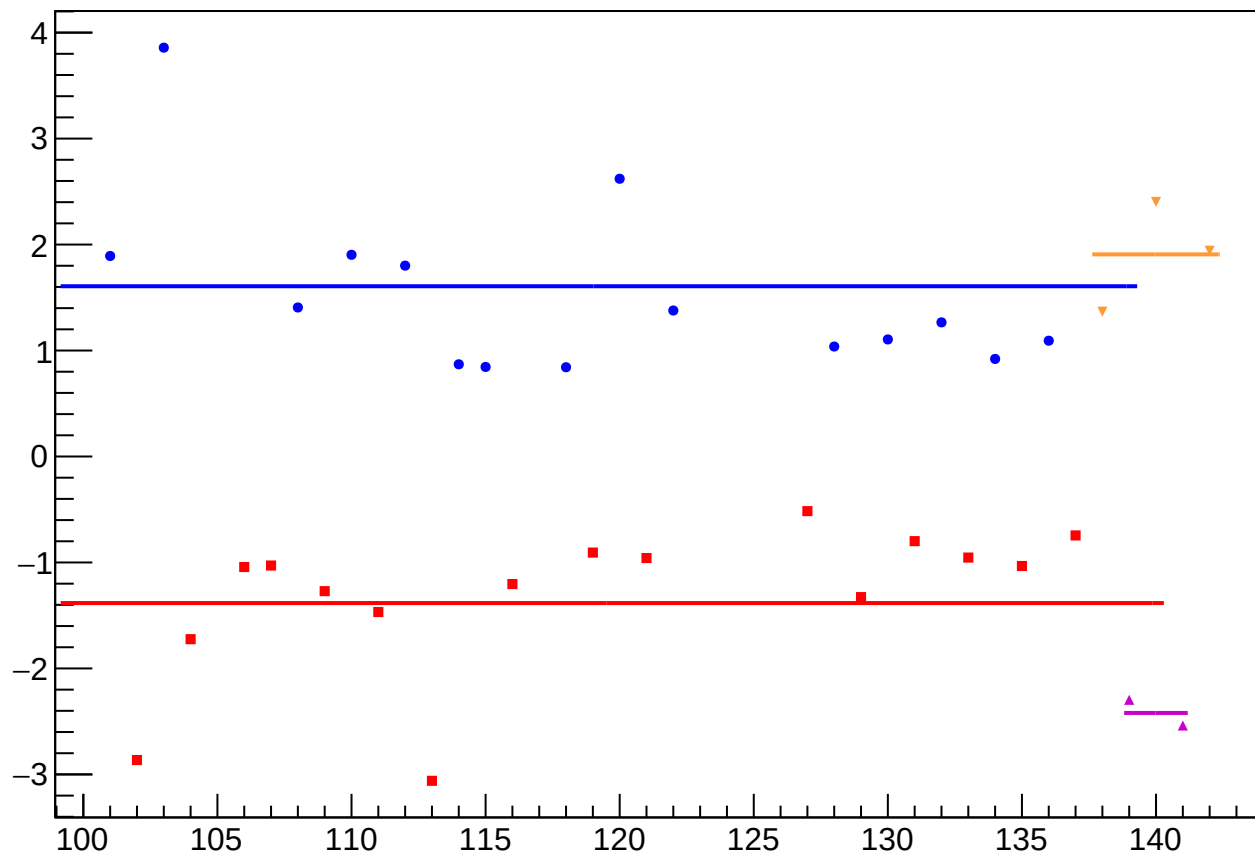
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 3.181 $\pm$ 0.000 χ^2 /NDF: 5833303227868252617704566394191872.0/14
 Left Out: 4.134 $\pm$ 0.000 χ^2 /NDF: 654375125241607735352348284813312.0/2
 Right Out: -3.032 $\pm$ 0.000 χ^2 /NDF: 4937209831371793945496546833334272.0/15
 Left In: -7.808 $\pm$ 0.000 χ^2 /NDF: 637800661289609523634129942347776.0/1

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



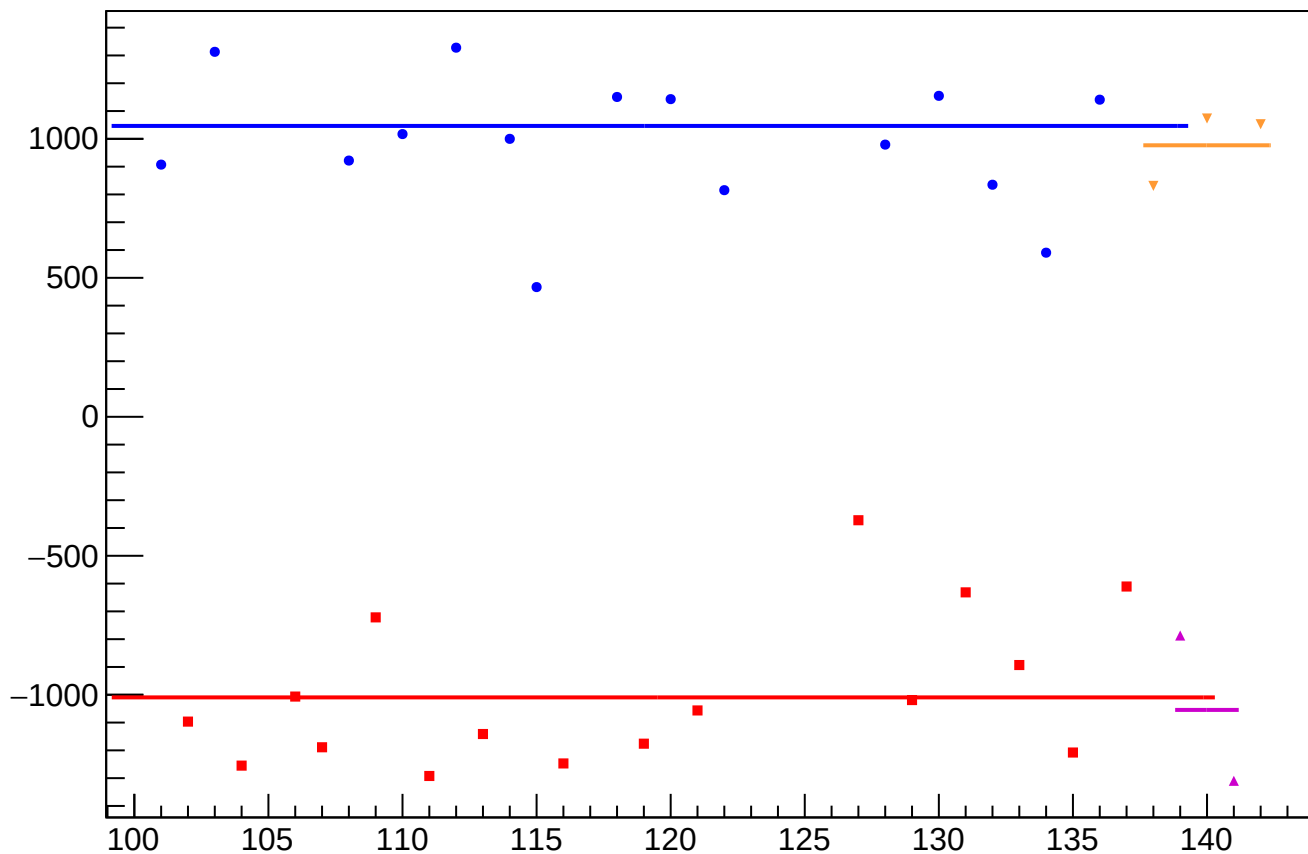
Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14

Left Out: 1.907 $\pm$ 0.000 χ^2 /NDF: 42917169456626879337462188998656.0/2

Right Out: -1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15

Left In: -2.420 $\pm$ 0.000 χ^2 /NDF: 2444178228126960828750915174400.0/1

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



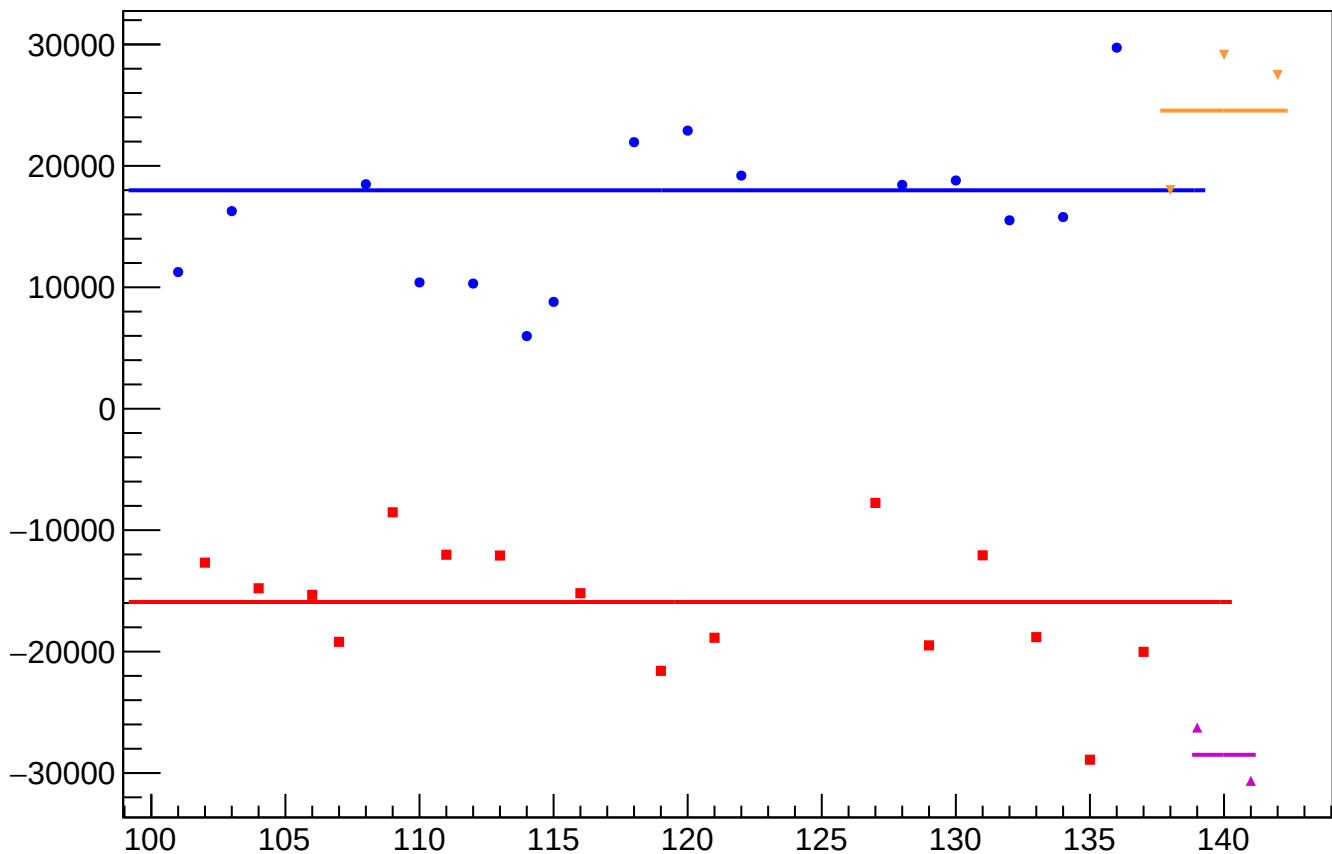
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

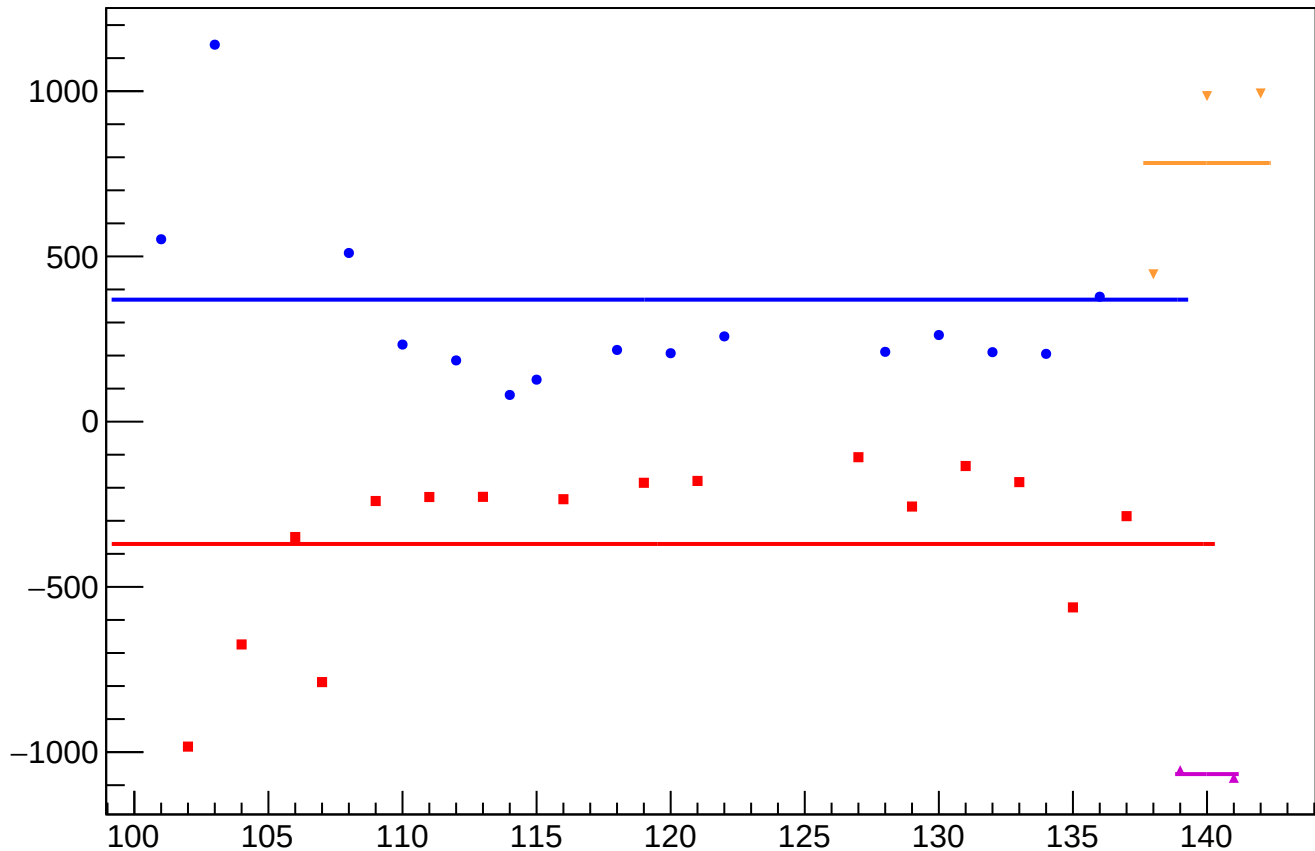
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_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



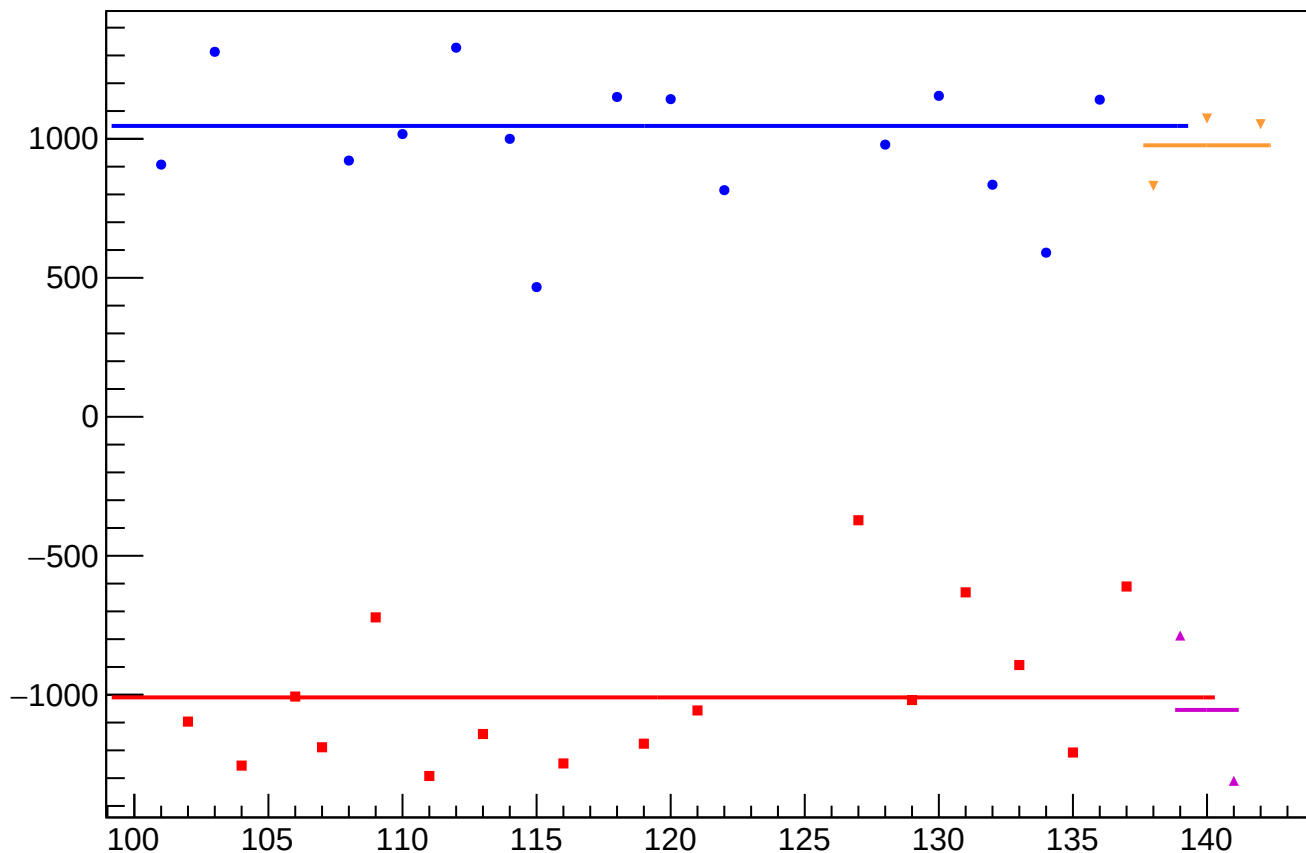
Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

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



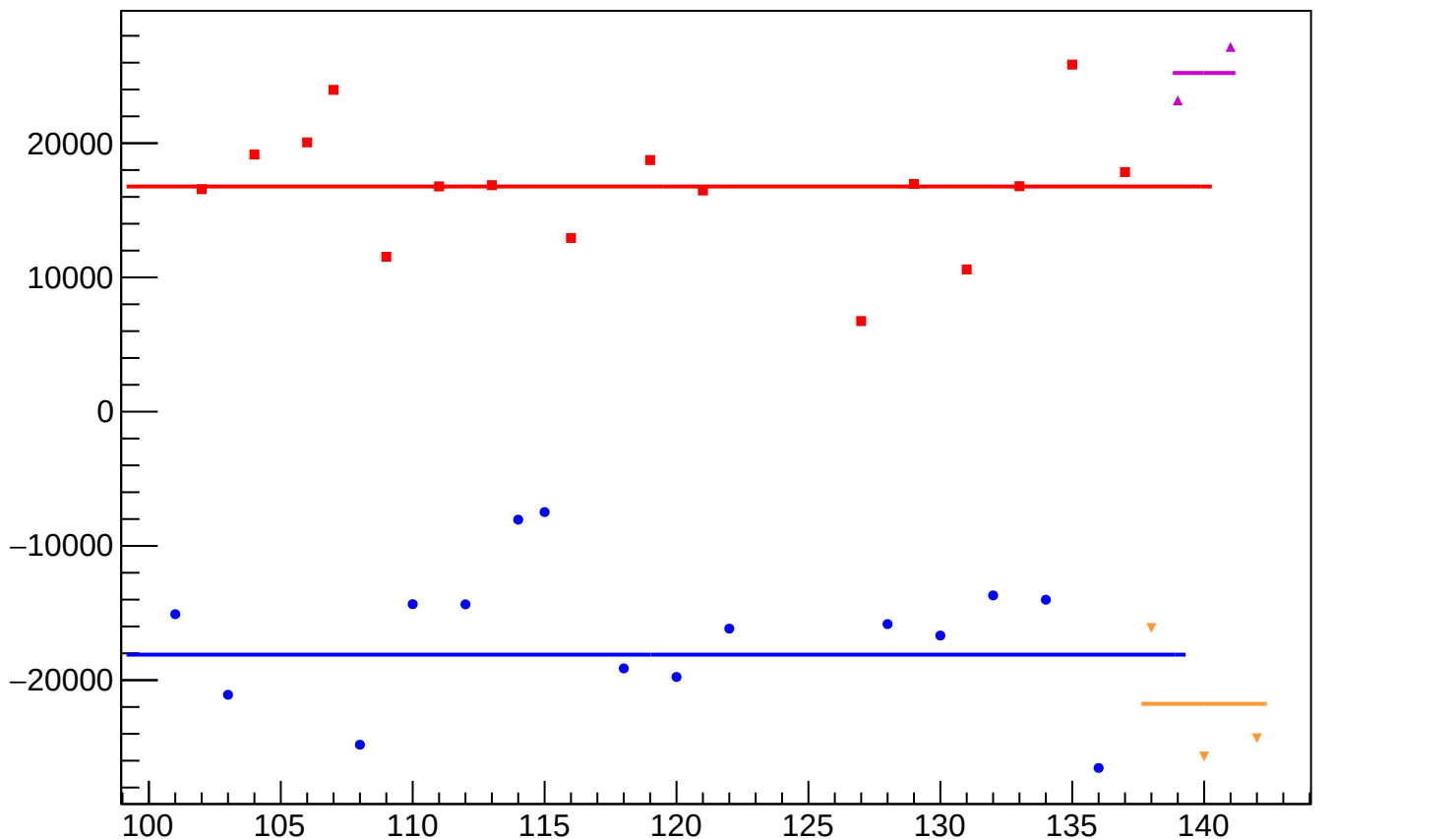
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

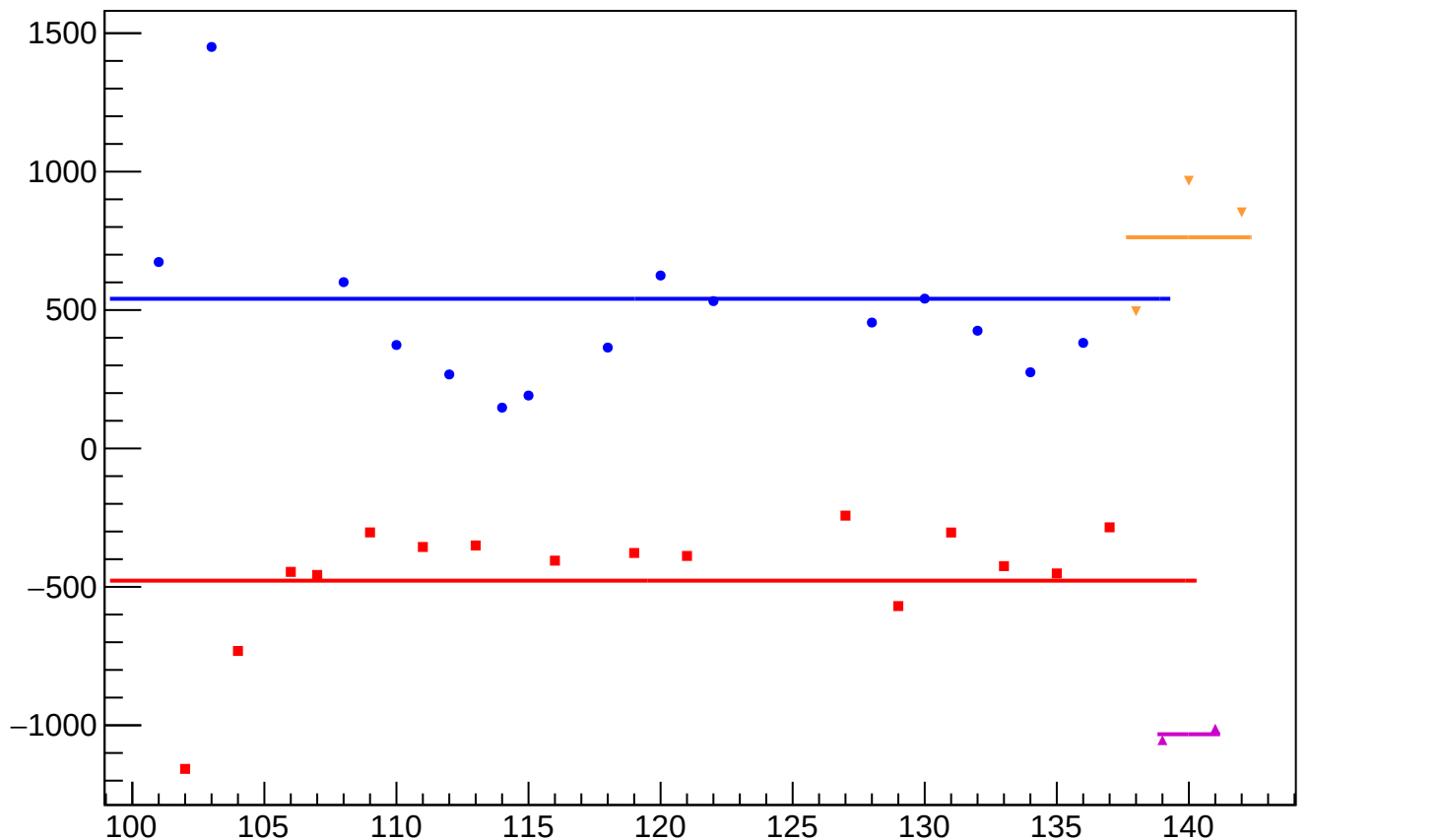
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_usr_coil1_mean vs Slug, Sign Corrected



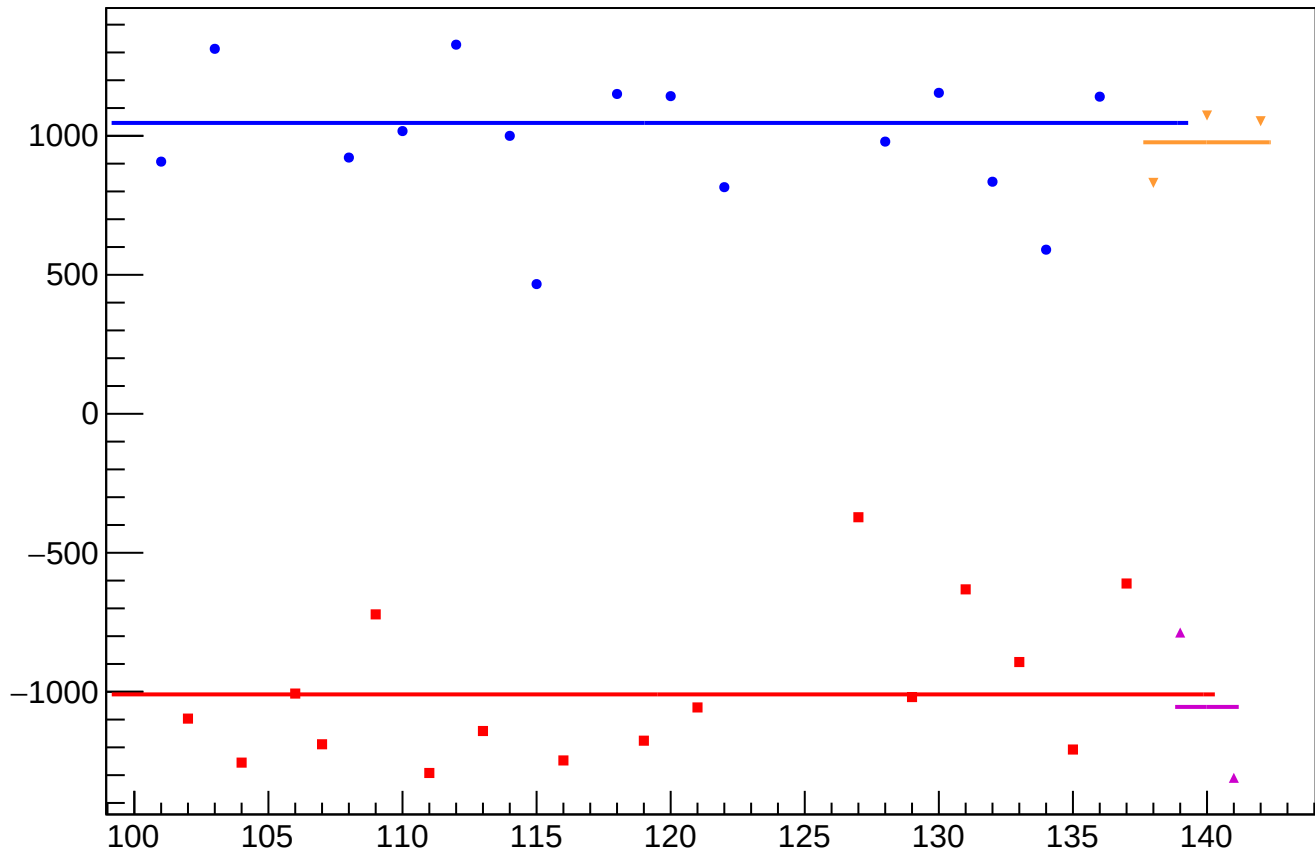
Right In: -18100.637 +/- 0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -21762.746 +/- 0.000 χ^2/NDF : 4056502344937352013357971617391860252672.0/2
 Right Out: 16773.604 +/- 0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: 25231.293 +/- 0.000 χ^2/NDF : 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: 762.912+/-0.000 χ^2/NDF : 9356567647134354827897901224483094528.0/2
 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



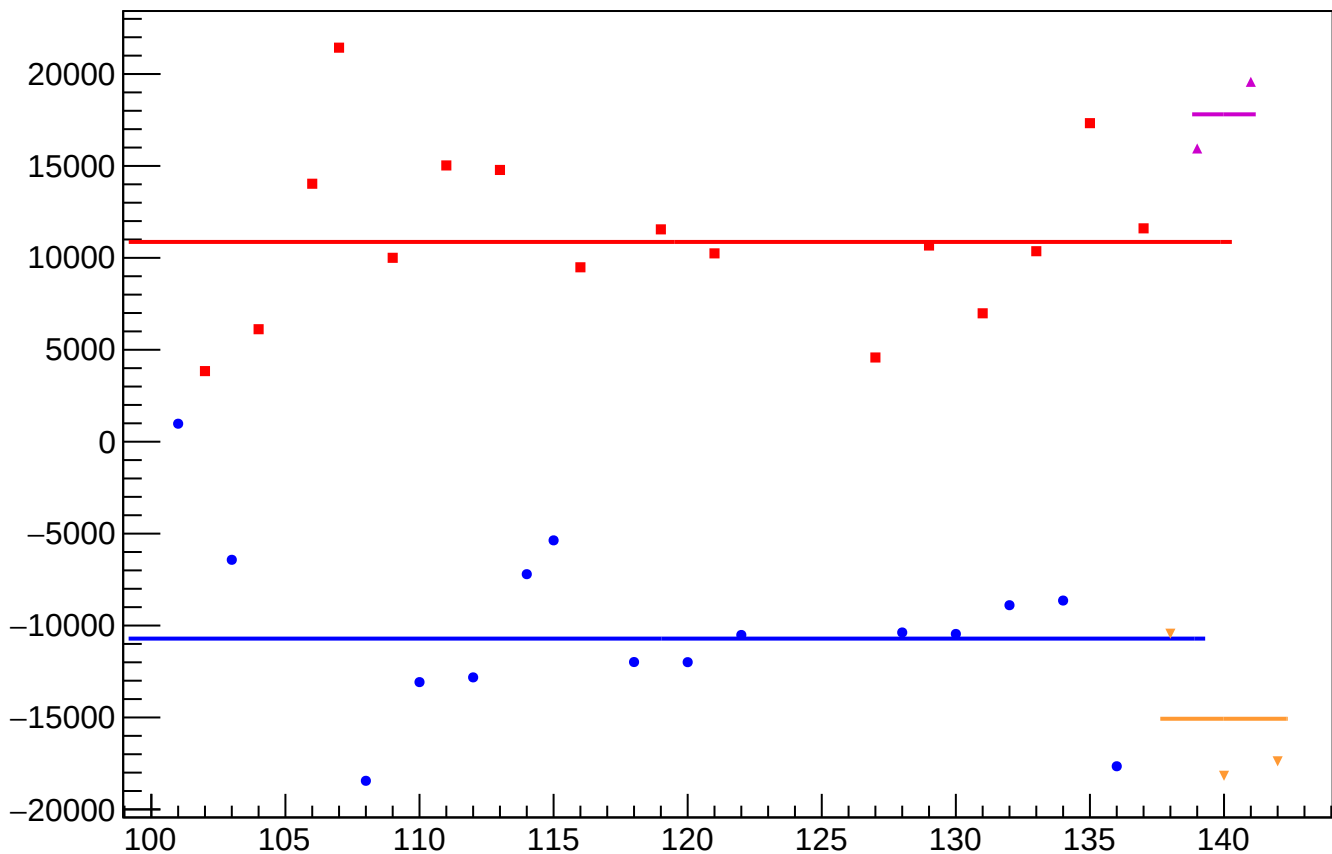
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

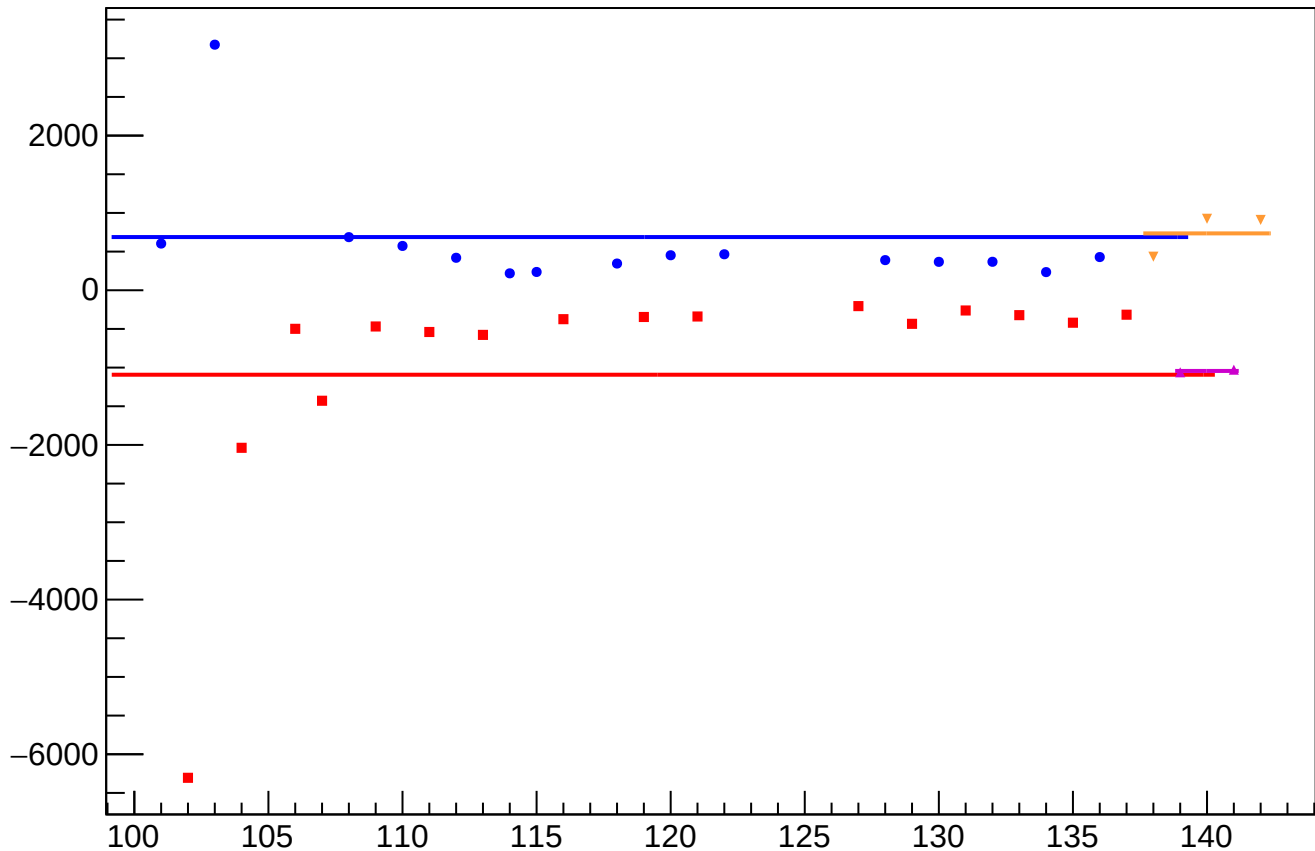
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: -10710.292+/-0.000 χ^2/NDF : 16945226152053511840482618402250170564608.0/14
 Left Out: -15070.248+/-0.000 χ^2/NDF : 2705132919101917226187308423702632202240.0/2
 Right Out: 10866.264+/-0.000 χ^2/NDF : 14234762838858382484525901644131626647552.0/15
 Left In: 17806.994+/-0.000 χ^2/NDF : 545005145091081779147556114237147316224.0/1

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



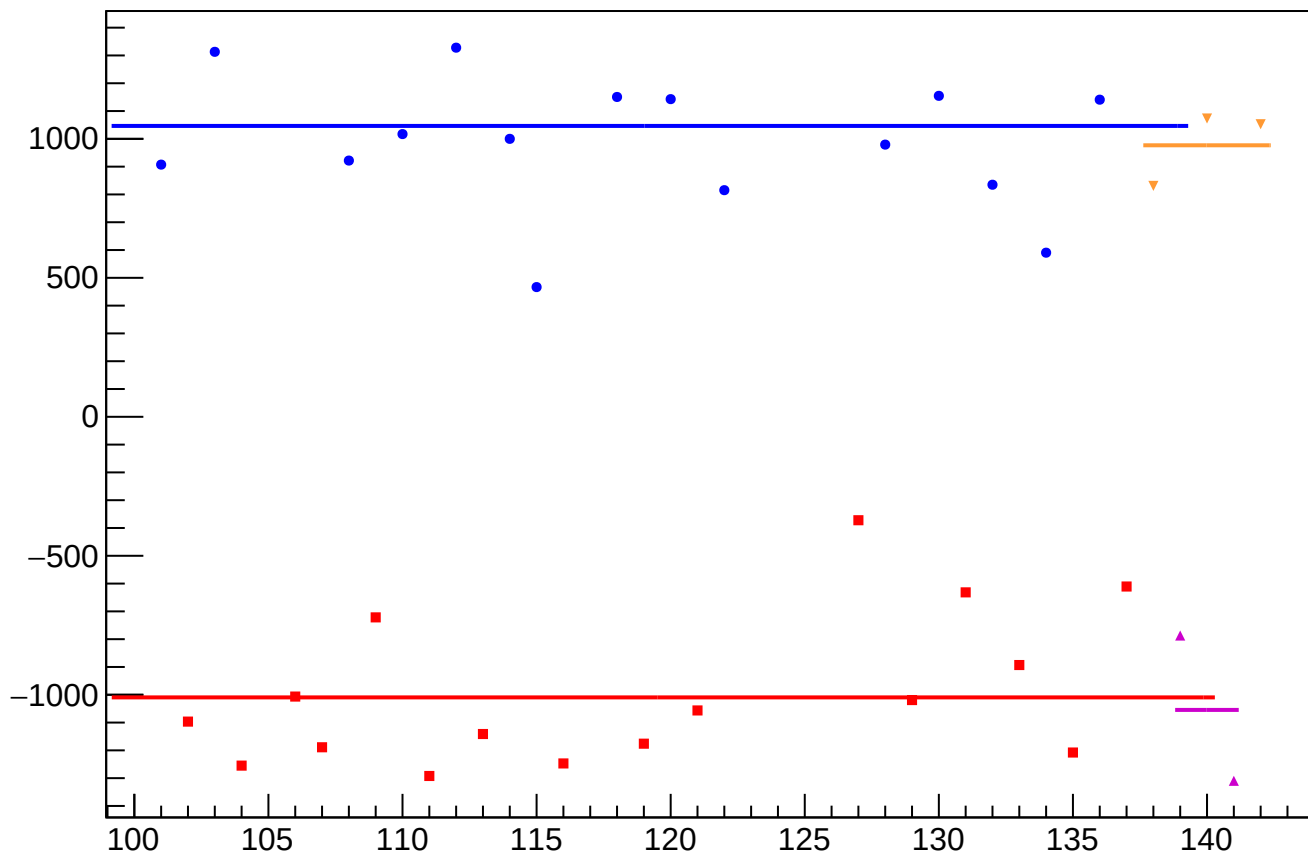
Right In: 687.939 +/- 0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

Left Out: 735.352 +/- 0.000 χ^2/NDF : 11400045744434177838180362515984154624.0/2

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



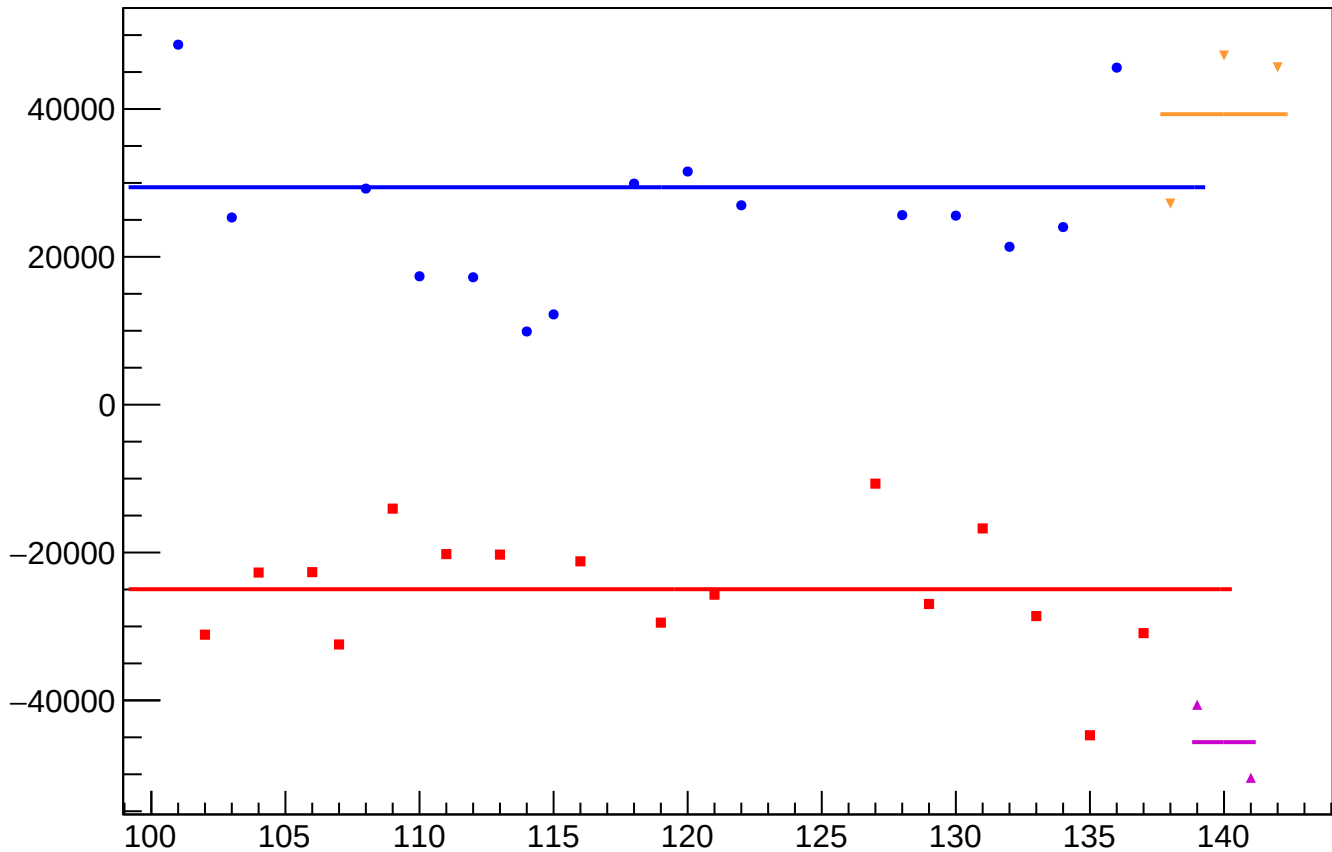
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

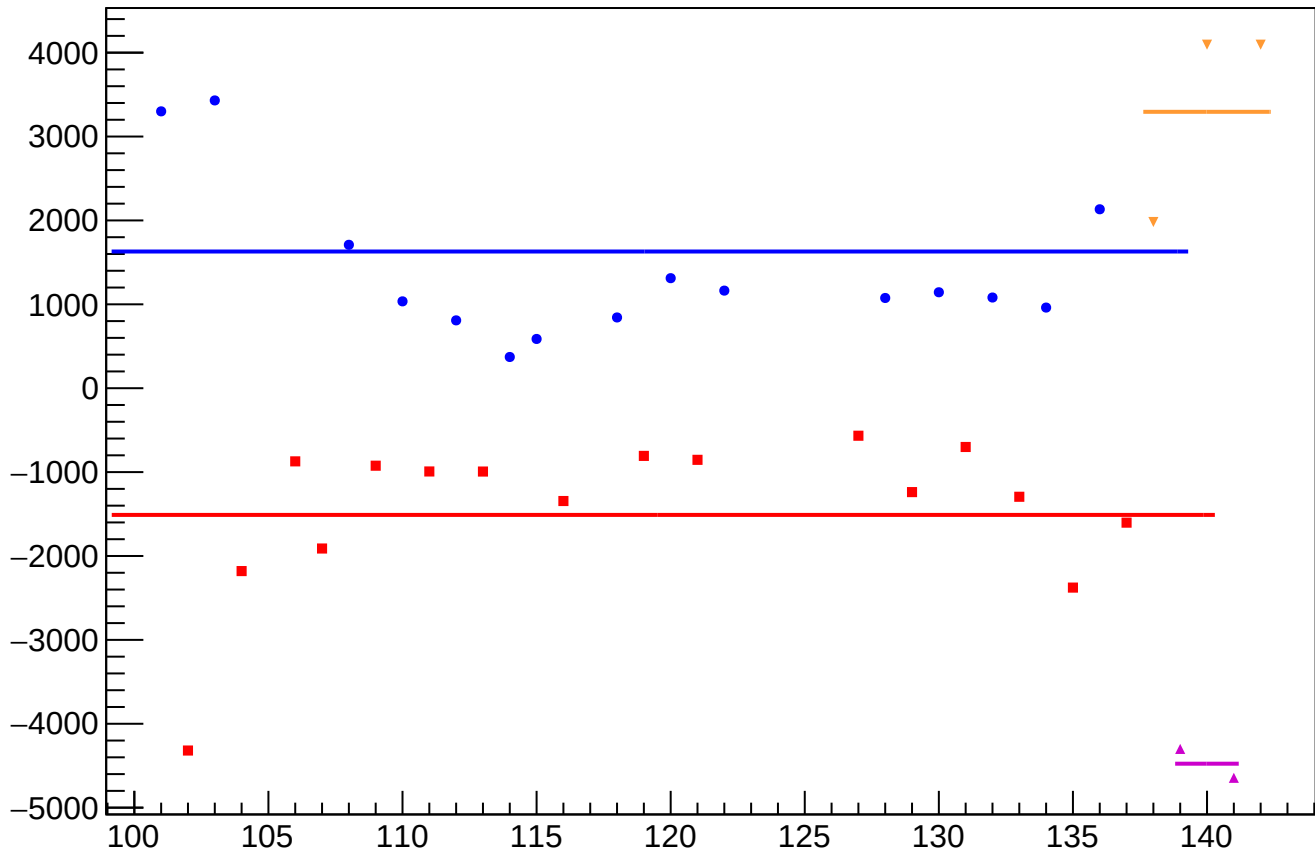
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atl2_coil1_mean vs Slug, Sign Corrected



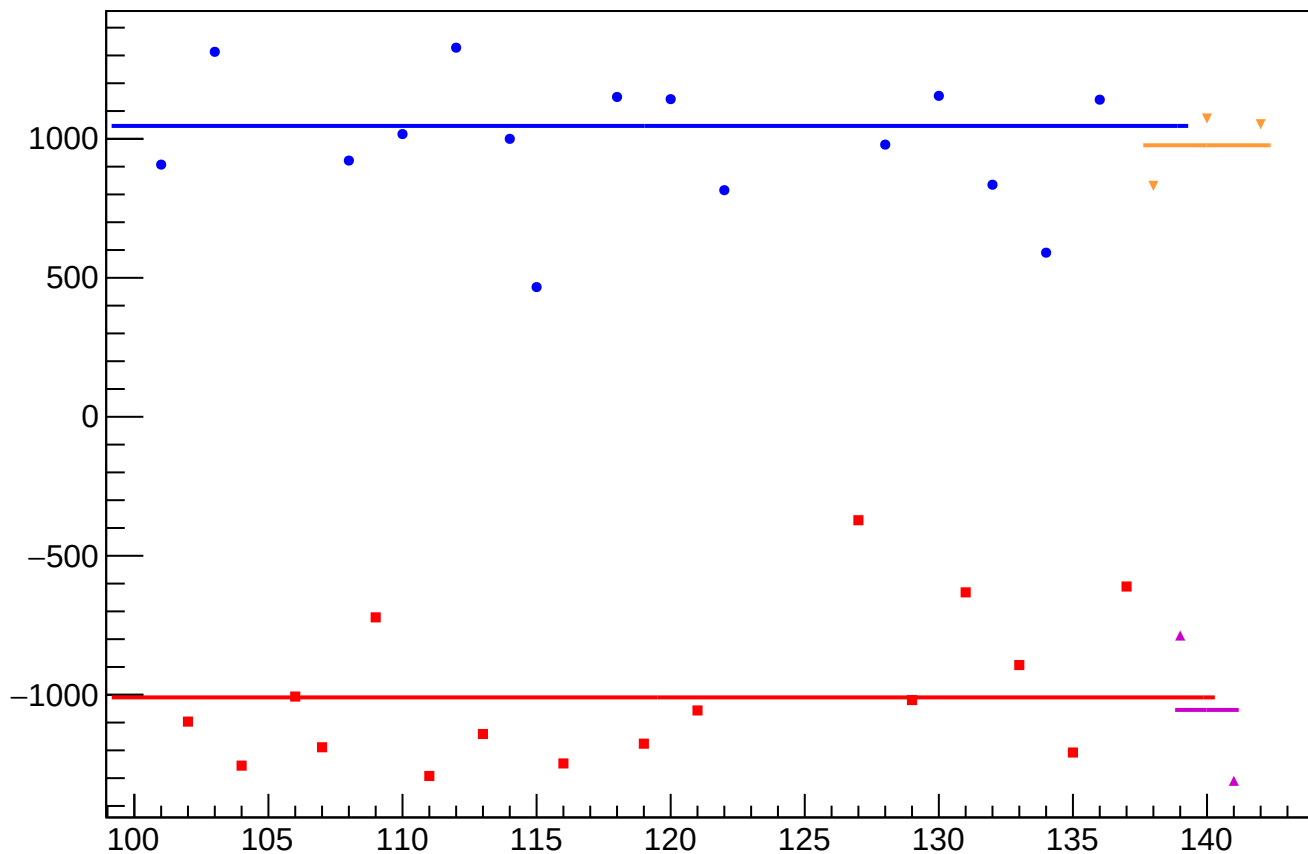
Right In: 29415.830 $\pm$ 0.000 χ^2 /NDF: 71764989638928082906774979753894809174016.0/14
 Left Out: 39297.468 $\pm$ 0.000 χ^2 /NDF: 18418504454817373435662277100408043208704.0/2
 Right Out: -24963.010 $\pm$ 0.000 χ^2 /NDF: 45631572920122171972835961685494315614208.0/15
 Left In: -45653.689 $\pm$ 0.000 χ^2 /NDF: 4050141106459007988685620053424966991872.0/1

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1629.542 $\pm$ 0.000 χ^2 /NDF: 551738555355028902194697896437152219136.0/14
 Left Out: 3294.723 $\pm$ 0.000 χ^2 /NDF: 216558082282136029175813304476541911040.0/2
 Right Out: -1510.293 $\pm$ 0.000 χ^2 /NDF: 688231904046816211321774524619745656832.0/15
 Left In: -4475.984 $\pm$ 0.000 χ^2 /NDF: 4921224332402398845105125452081528832.0/1

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



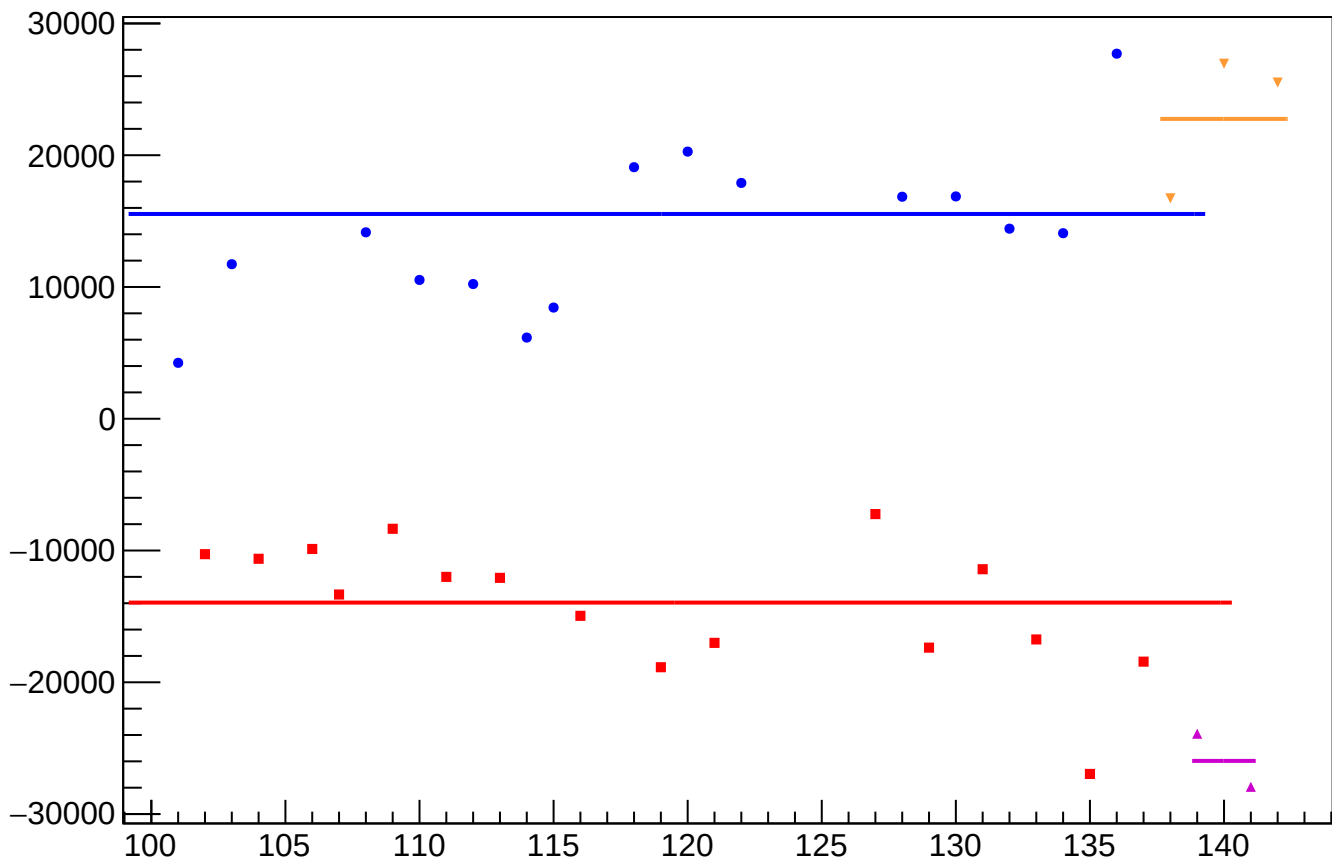
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

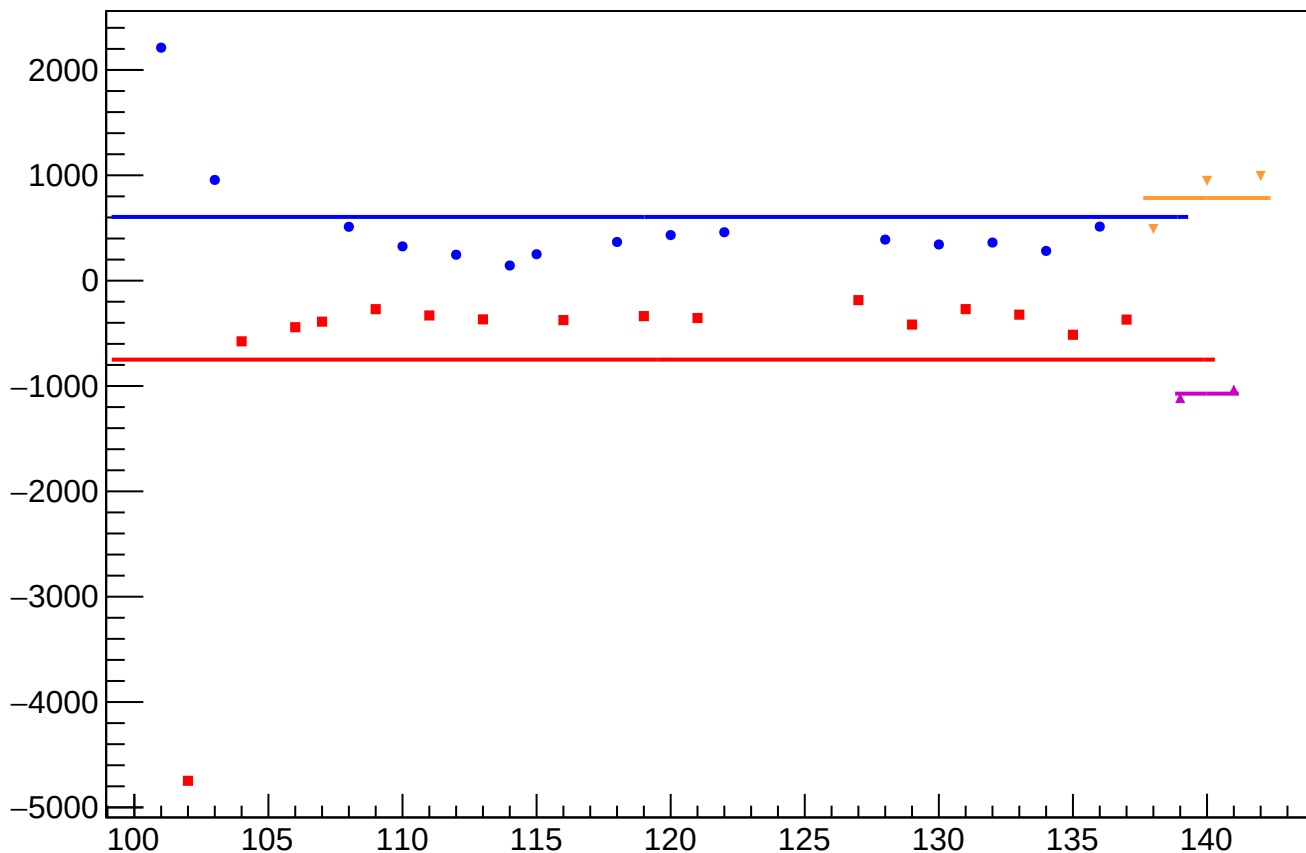
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 15540.787 $\pm$ 0.000 χ^2 /NDF: 27383635886523601832377795383509714468864.0/14
 Left Out: 22754.984 $\pm$ 0.000 χ^2 /NDF: 4619606996854816253490344090207394988032.0/2
 Right Out: -13951.799 $\pm$ 0.000 χ^2 /NDF: 16954071035739584664612813430748100952064.0/15
 Left In: -25965.385 $\pm$ 0.000 χ^2 /NDF: 673422265764292100765216788515330719744.0/1

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



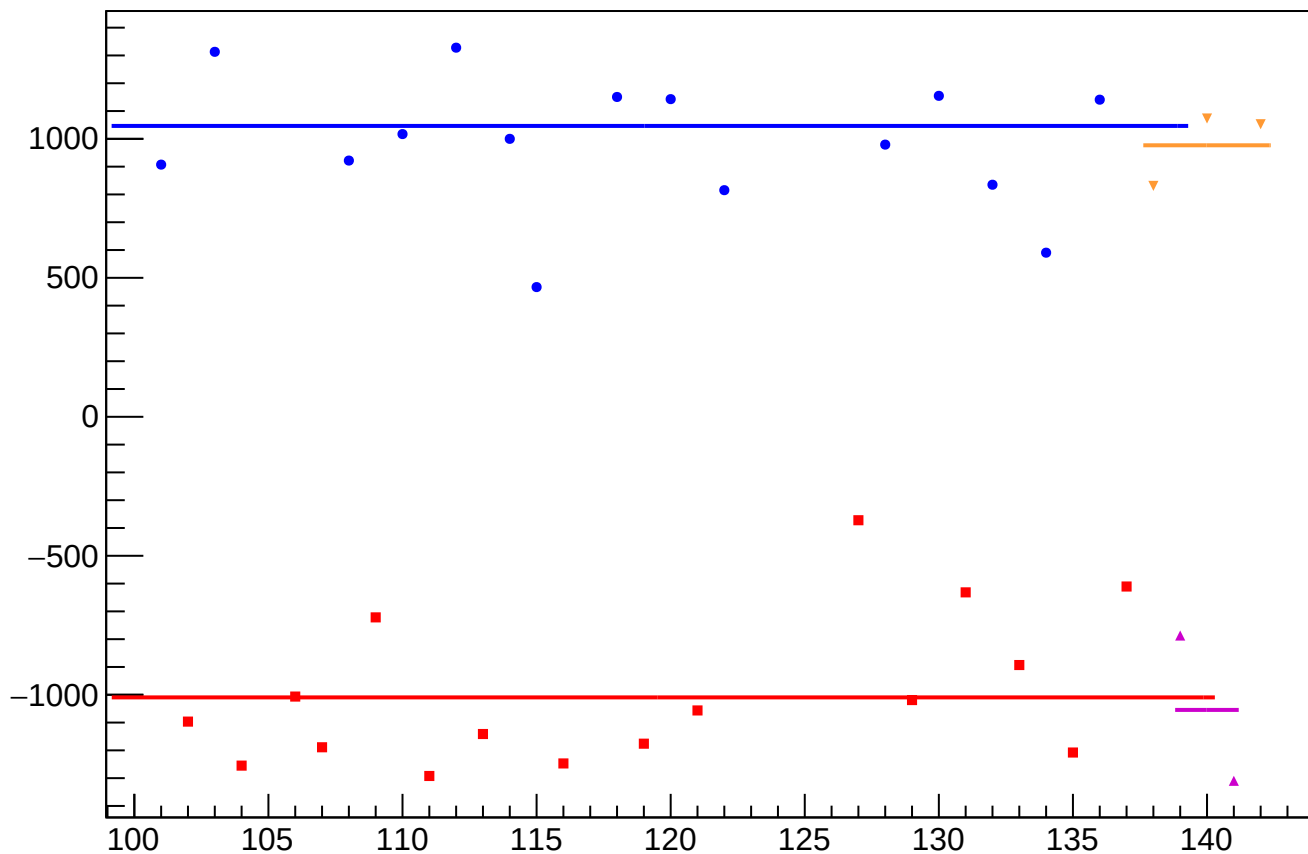
Right In: 605.034 +/- 0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 784.663 +/- 0.000 χ^2/NDF : 10945364421307448996355465531717844992.0/2

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



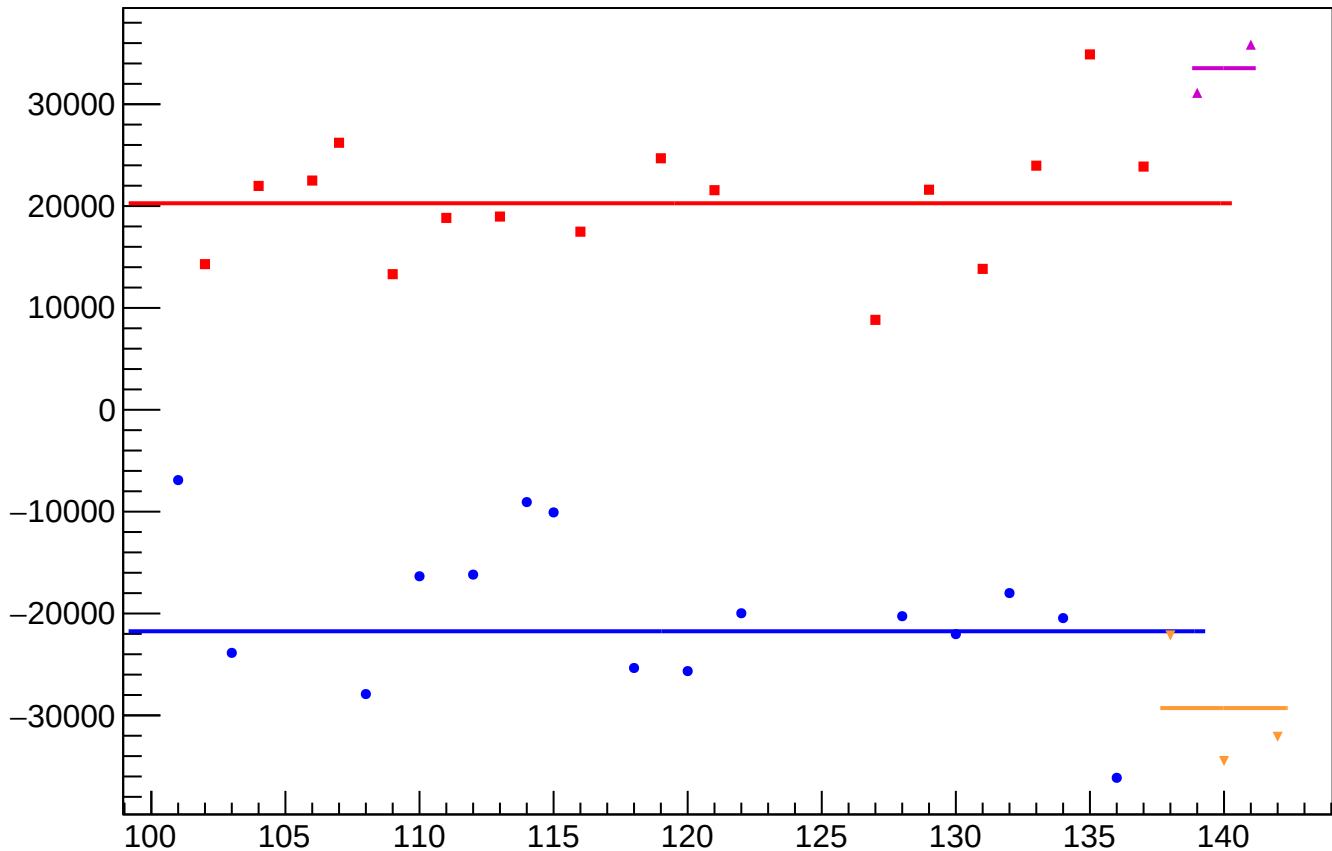
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

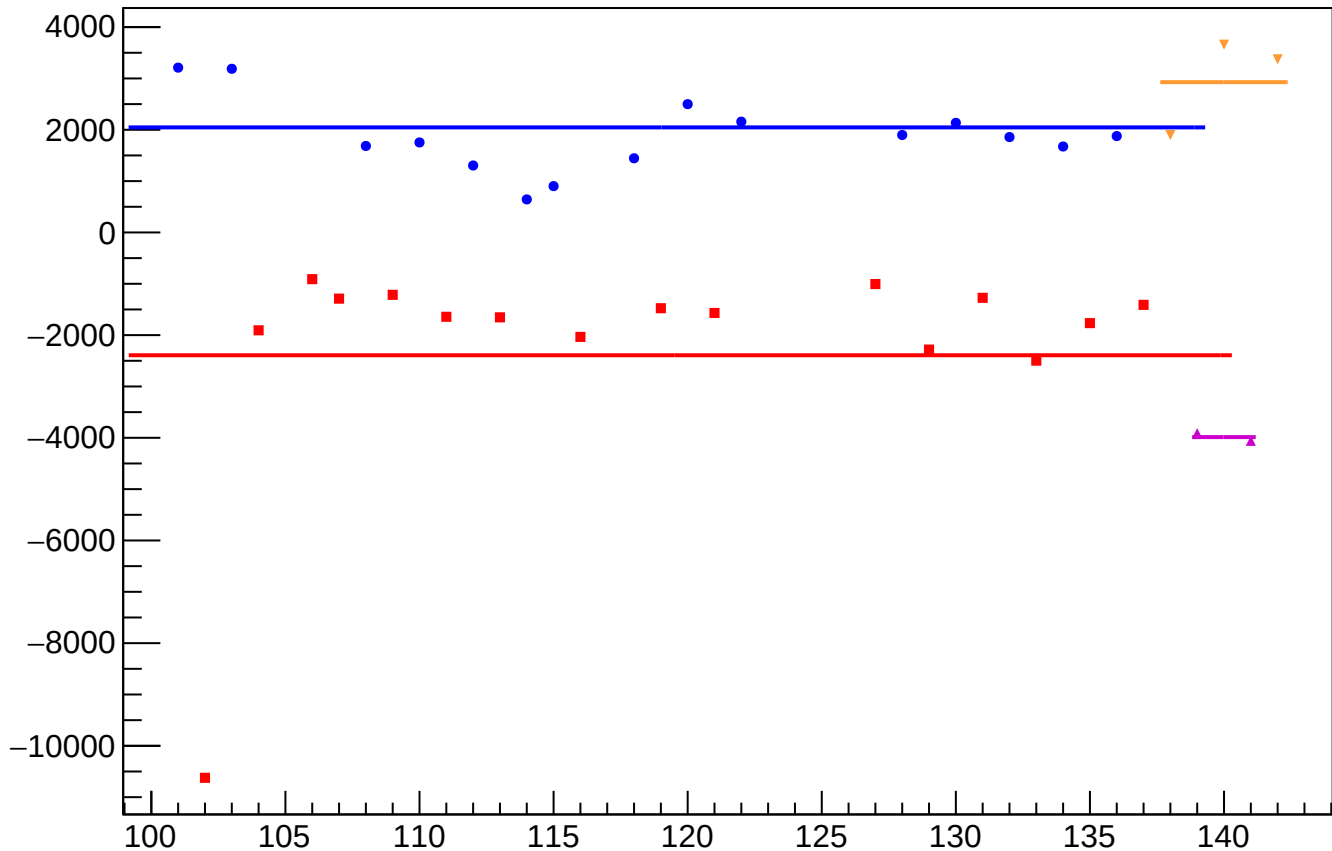
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_atr2_coil1_mean vs Slug, Sign Corrected



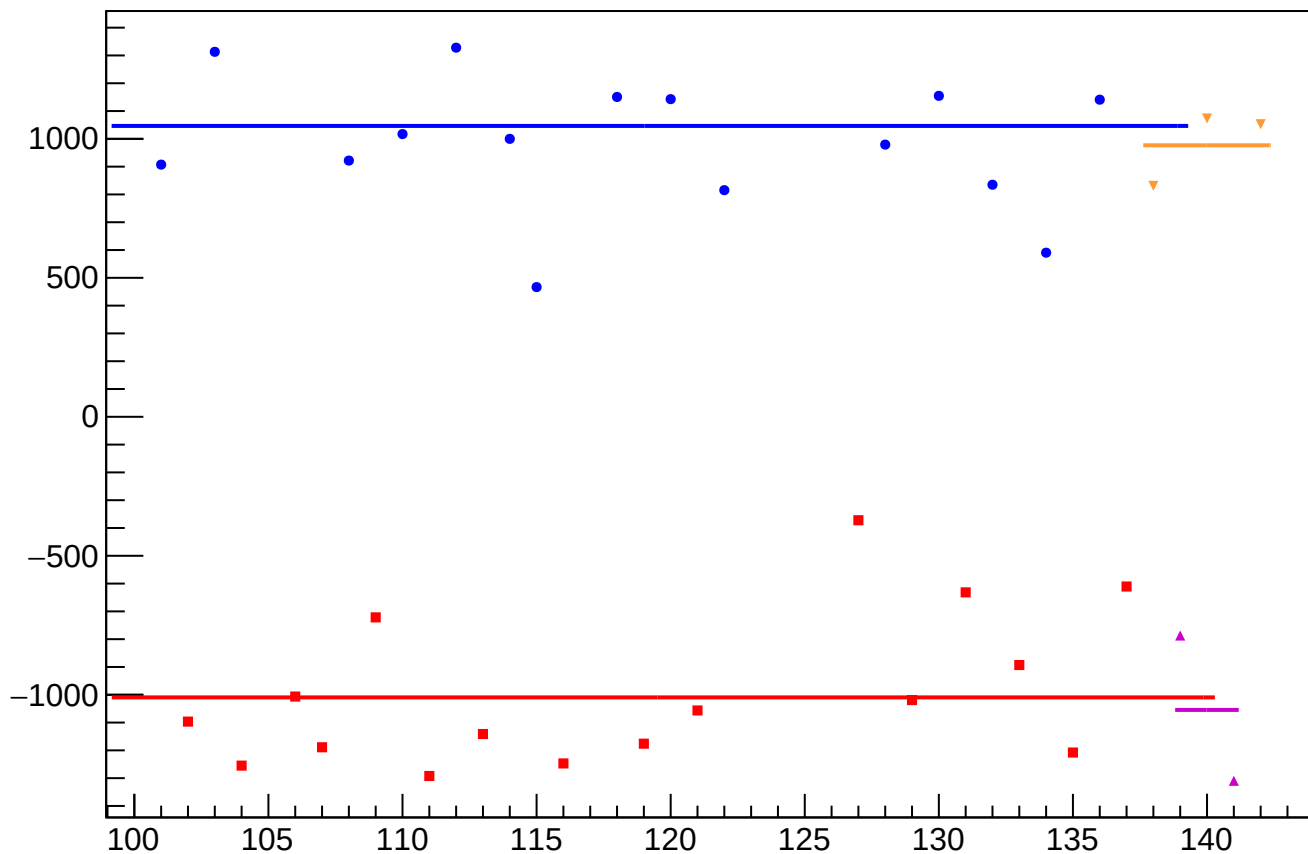
Right In: -21743.360 ± 0.000 $\chi^2/\text{NDF}: 41106858823579527325198675675398793068544.0/14$
 Left Out: -29284.247 ± 0.000 $\chi^2/\text{NDF}: 6552685597342170925953099399752501428224.0/2$
 Right Out: 20275.415 ± 0.000 $\chi^2/\text{NDF}: 25935869132092920231681532417627320745984.0/15$
 Left In: 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: 2927.885 +/- 0.000 χ^2/NDF : 135457072445451504435894578596215259136.0/2
 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



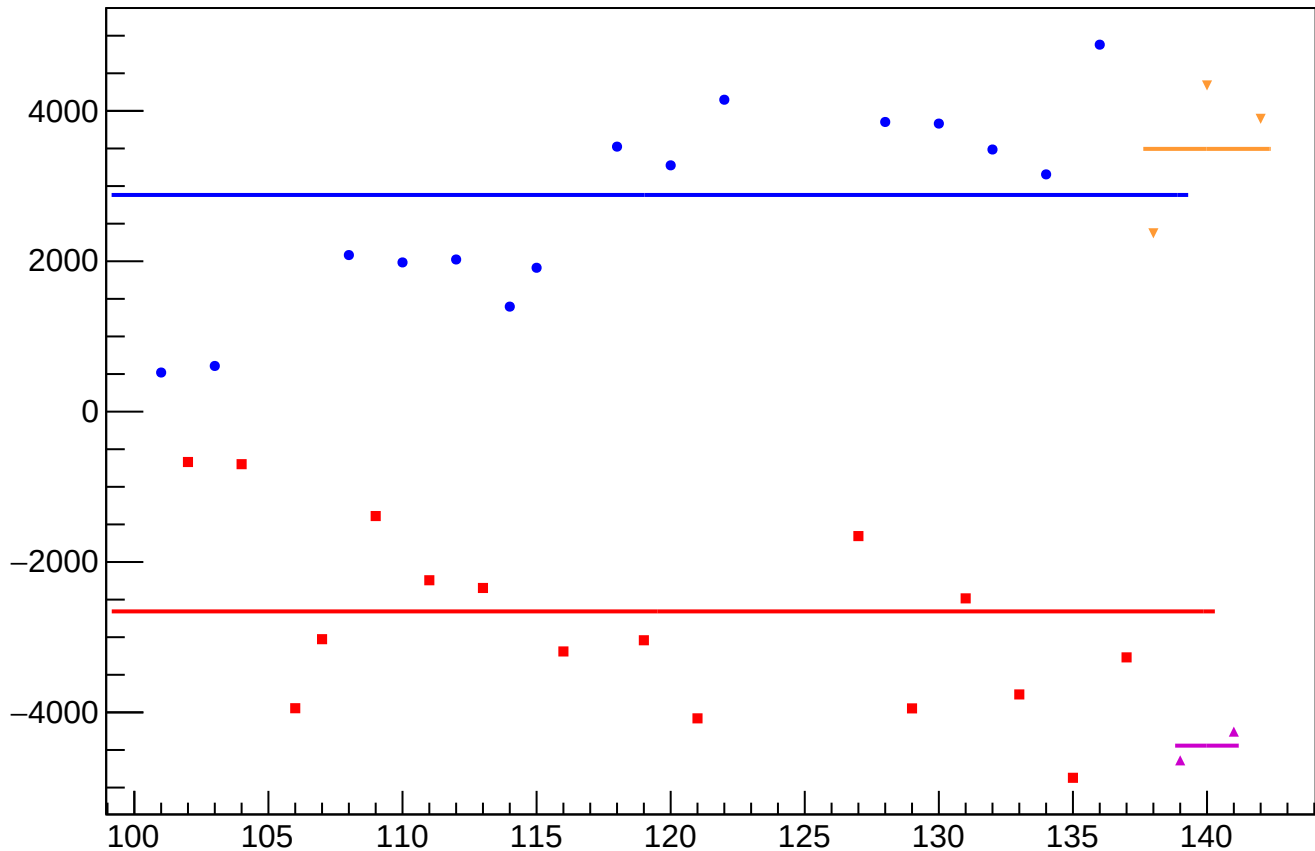
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

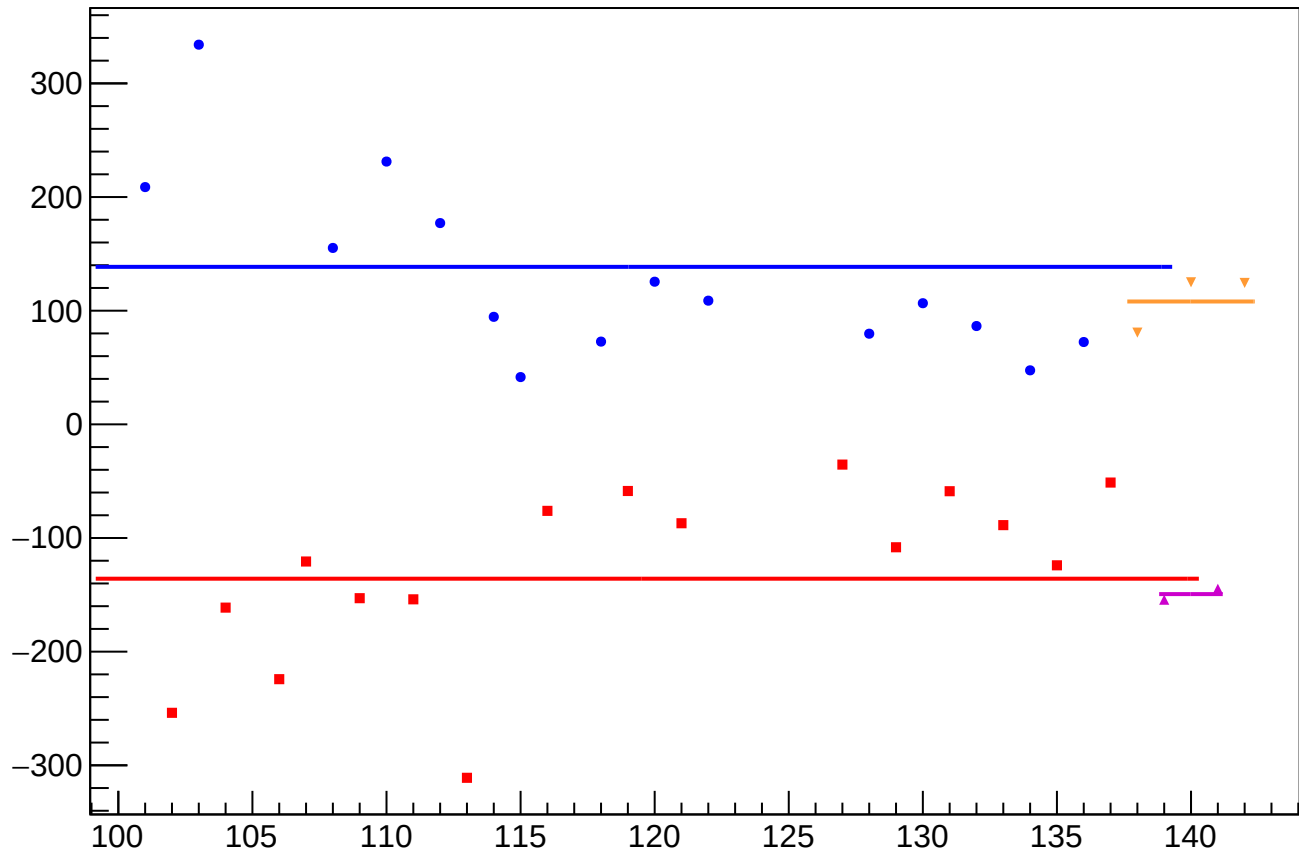
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 2881.935 +/- 0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 3494.732 +/- 0.000 χ^2/NDF : 164063355931154268262507845721893371904.0/2
 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



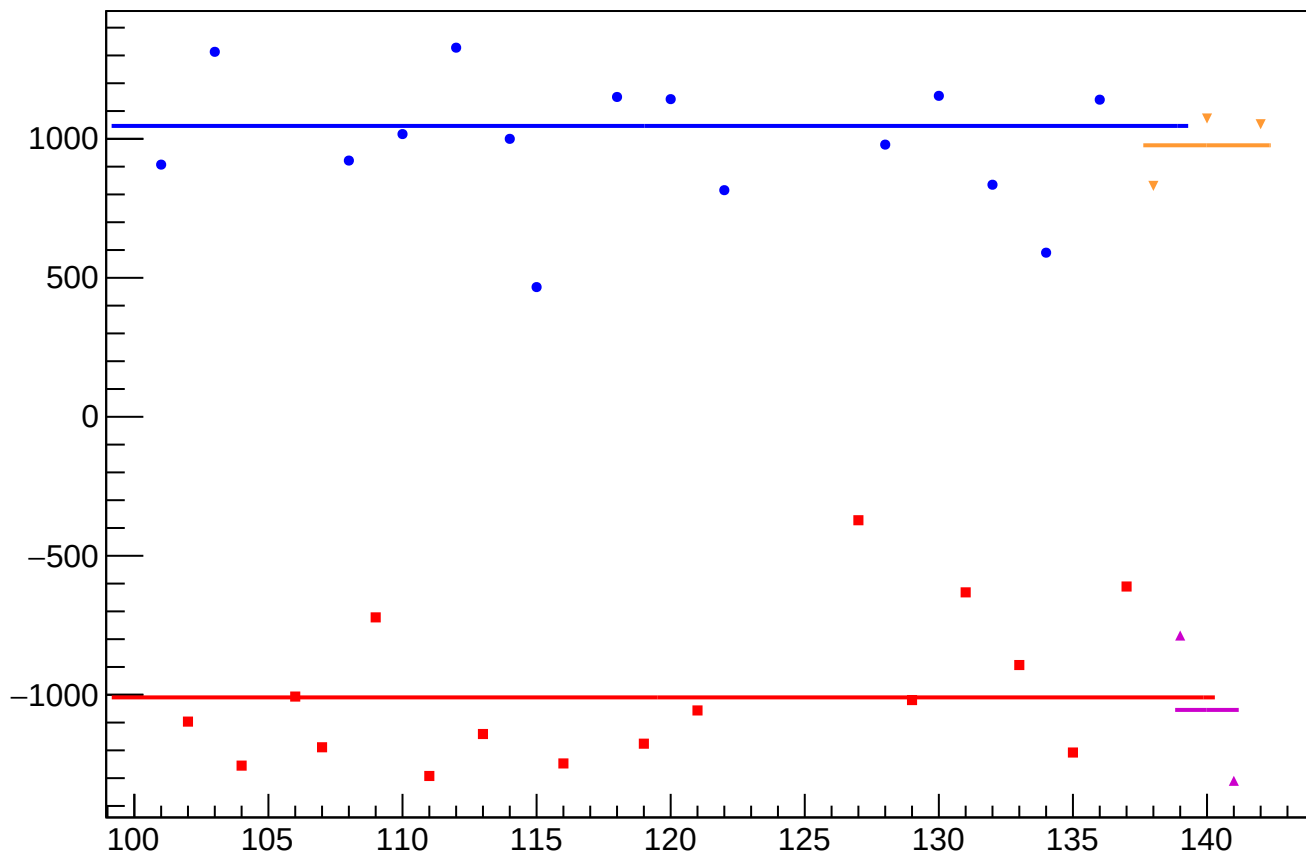
Right In: 138.577 ± 0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14

Left Out: 108.097 ± 0.000 χ^2/NDF : 94151195688942723337317694411112448.0/2

Right Out: -135.809 ± 0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15

Left In: -149.360 ± 0.000 χ^2/NDF : 3854310868698127117572258530328576.0/1

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



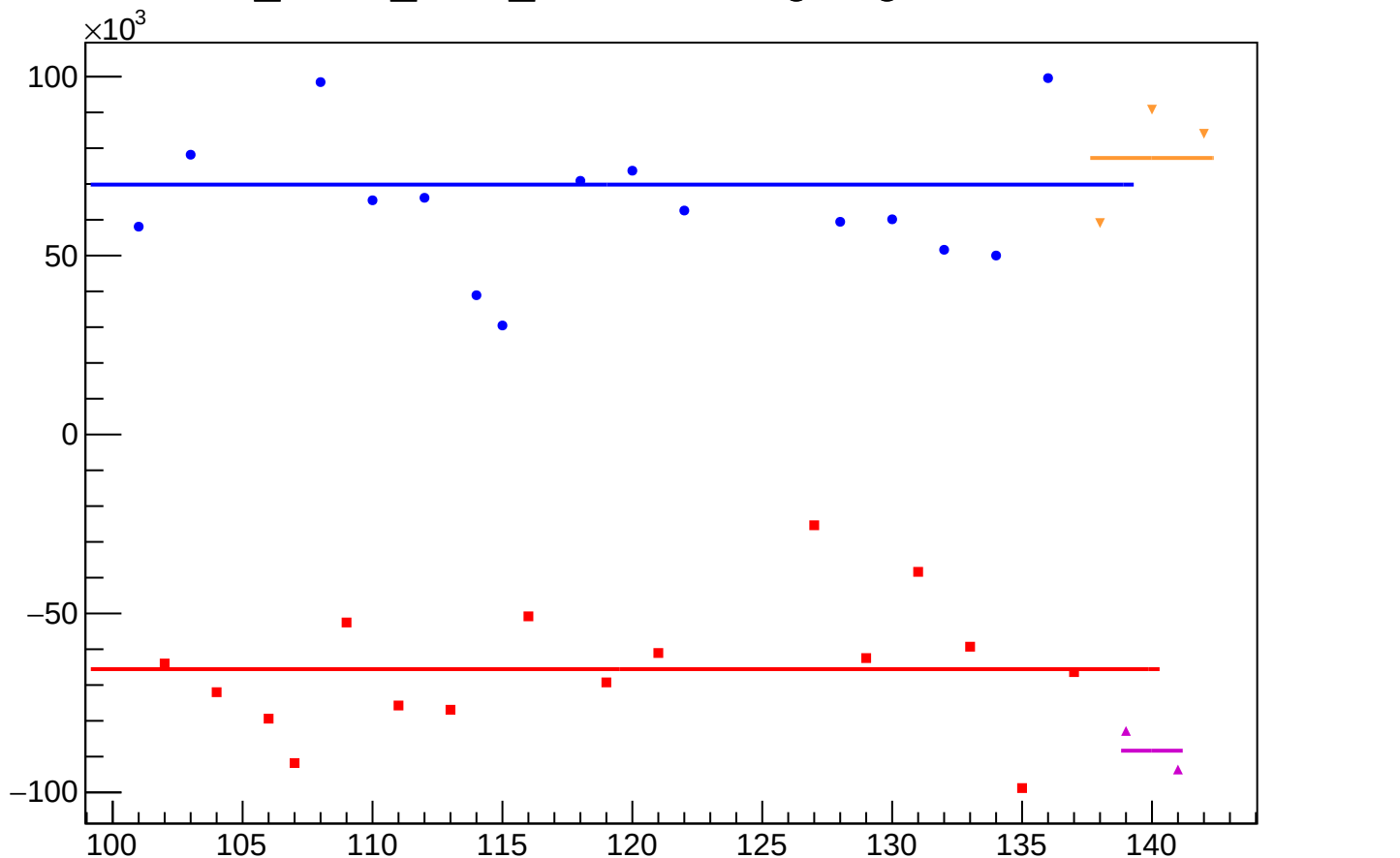
Right In: 1029.696+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

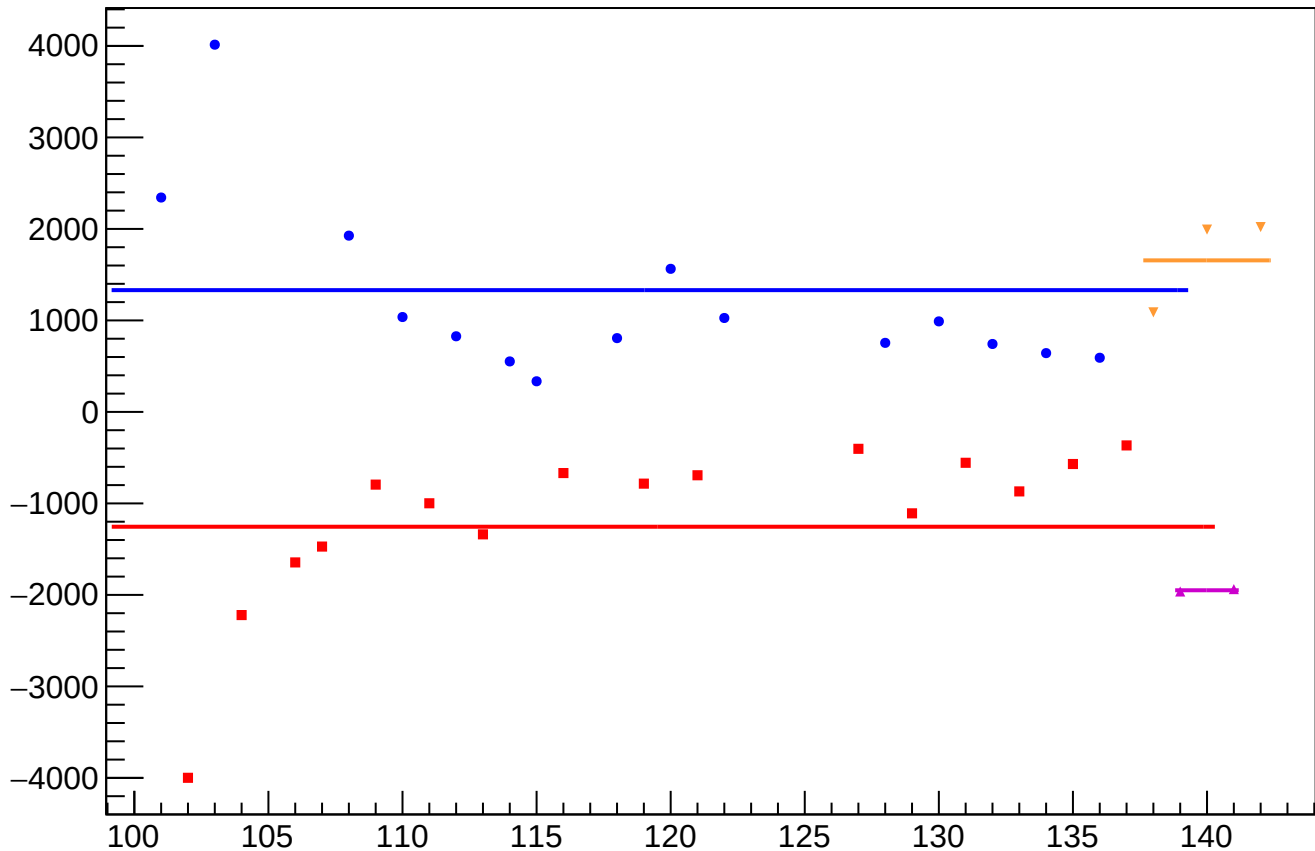
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam2_coil1_mean vs Slug, Sign Corrected



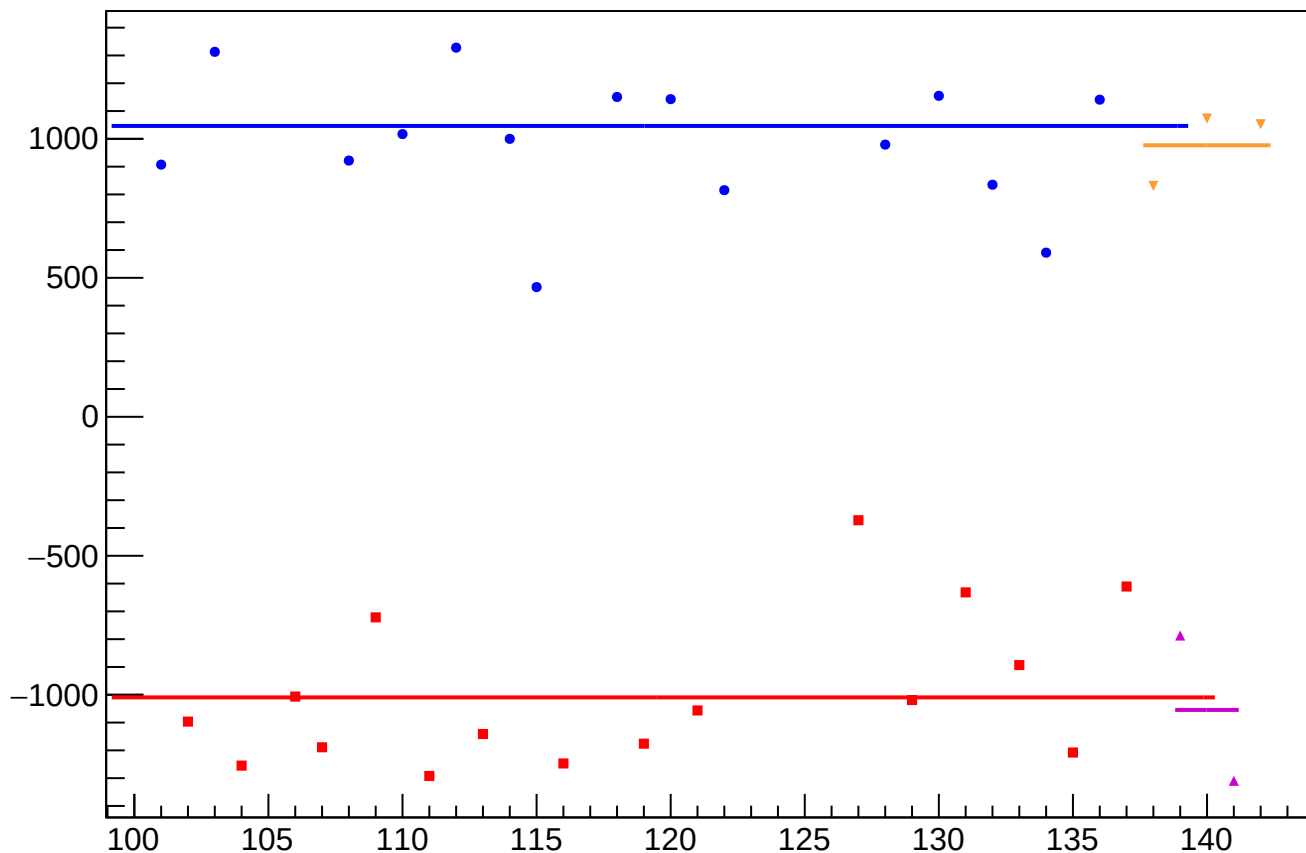
Right In: 69827.797 ± 0.000 $\chi^2/\text{NDF}: 187803282116493131197684060541288926150656.0/14$
 Left Out: 77263.112 ± 0.000 $\chi^2/\text{NDF}: 42844558665595601919492280866868035584000.0/2$
 Right Out: -65555.147 ± 0.000 $\chi^2/\text{NDF}: 212001467811386750910625783195999741673472.0/15$
 Left In: -88344.645 ± 0.000 $\chi^2/\text{NDF}: 4814027674989859975264681620030714019840.0/1$

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 1330.956 +/- 0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1656.324 +/- 0.000 χ^2/NDF : 40539679656618690792910433325487751168.0/2
 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



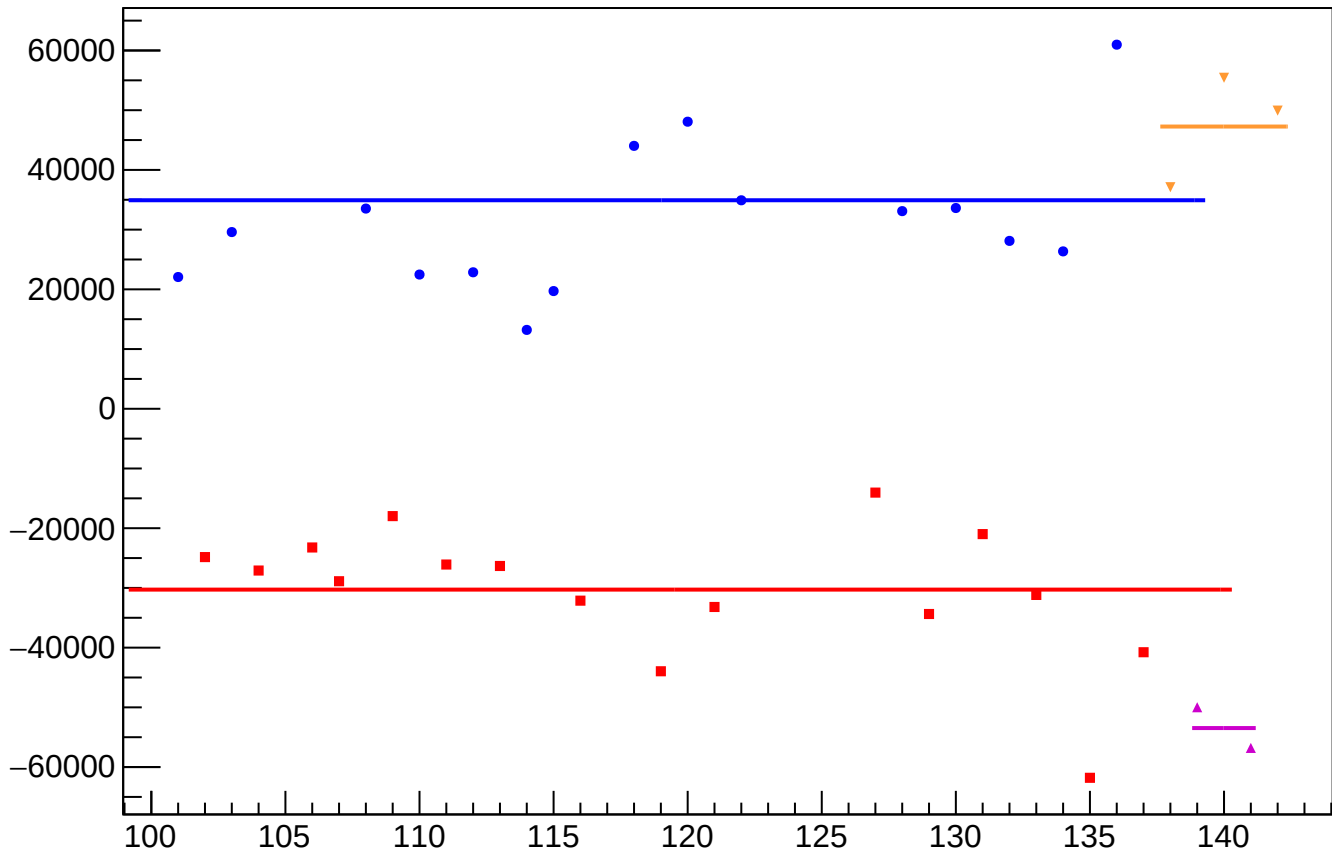
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786 ± 0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

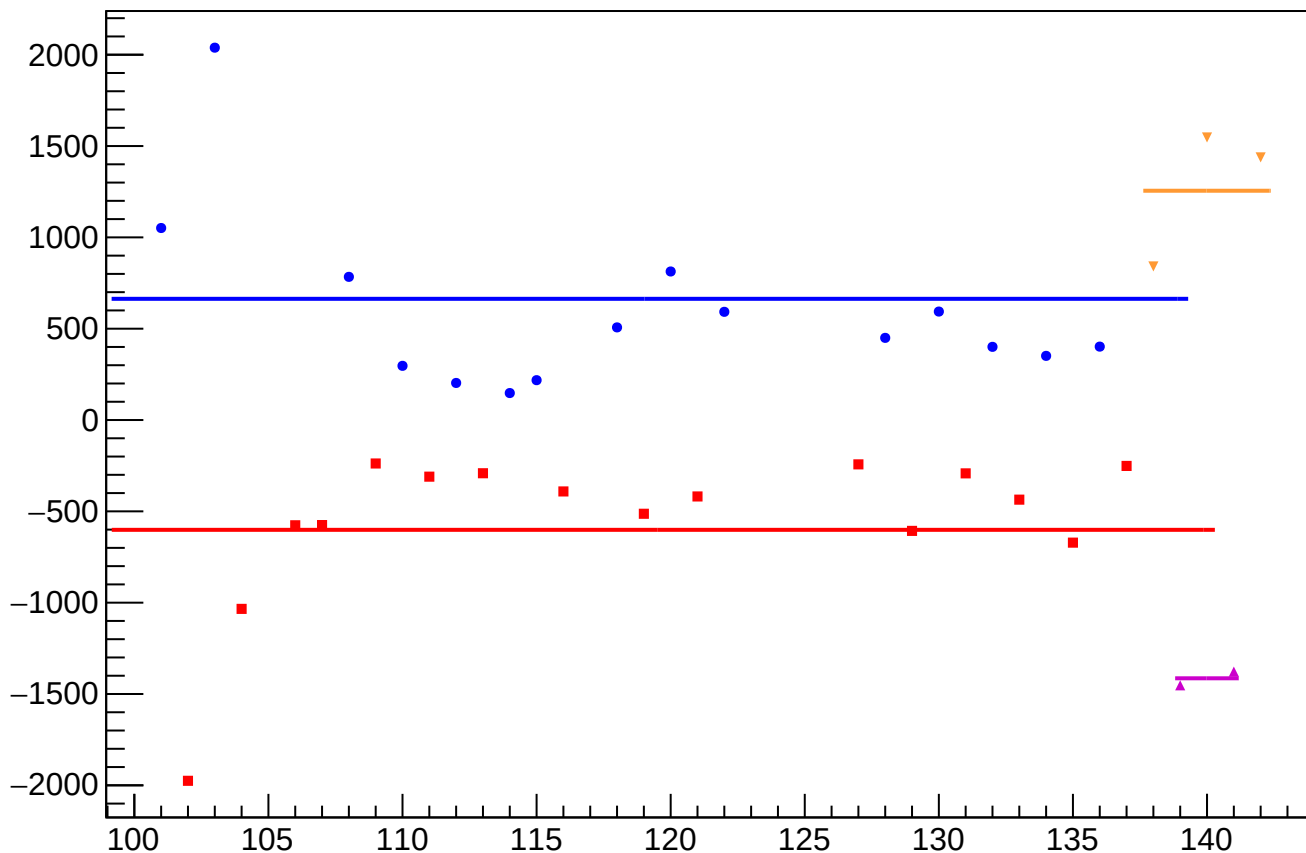
Left In: -1054.494 ± 0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 34919.716+/-0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 47262.577+/-0.000 χ^2/NDF : 13852300396802685844304966180267825823744.0/2
 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



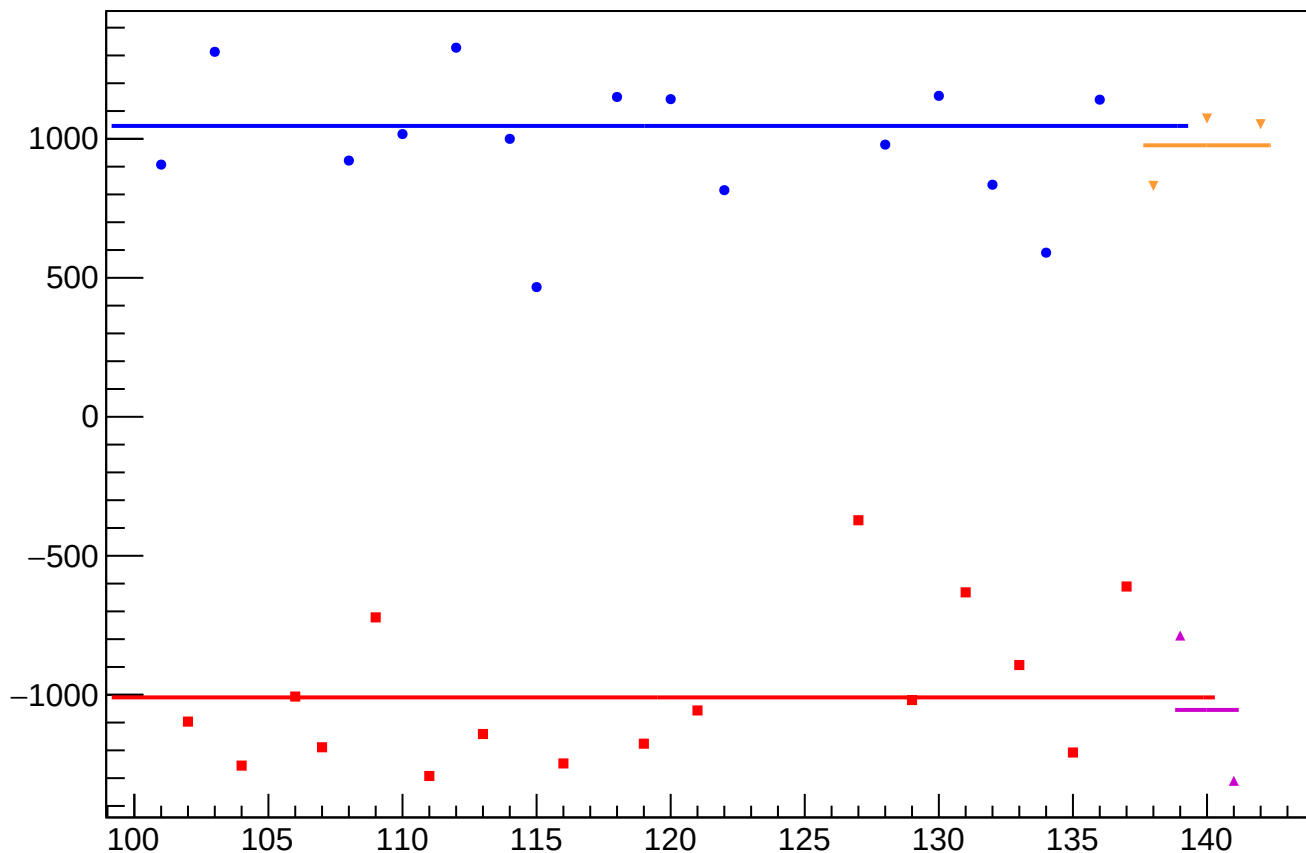
Right In: 663.574 +/- 0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 1255.312 +/- 0.000 χ^2/NDF : 21907291126621166057702103332780244992.0/2

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



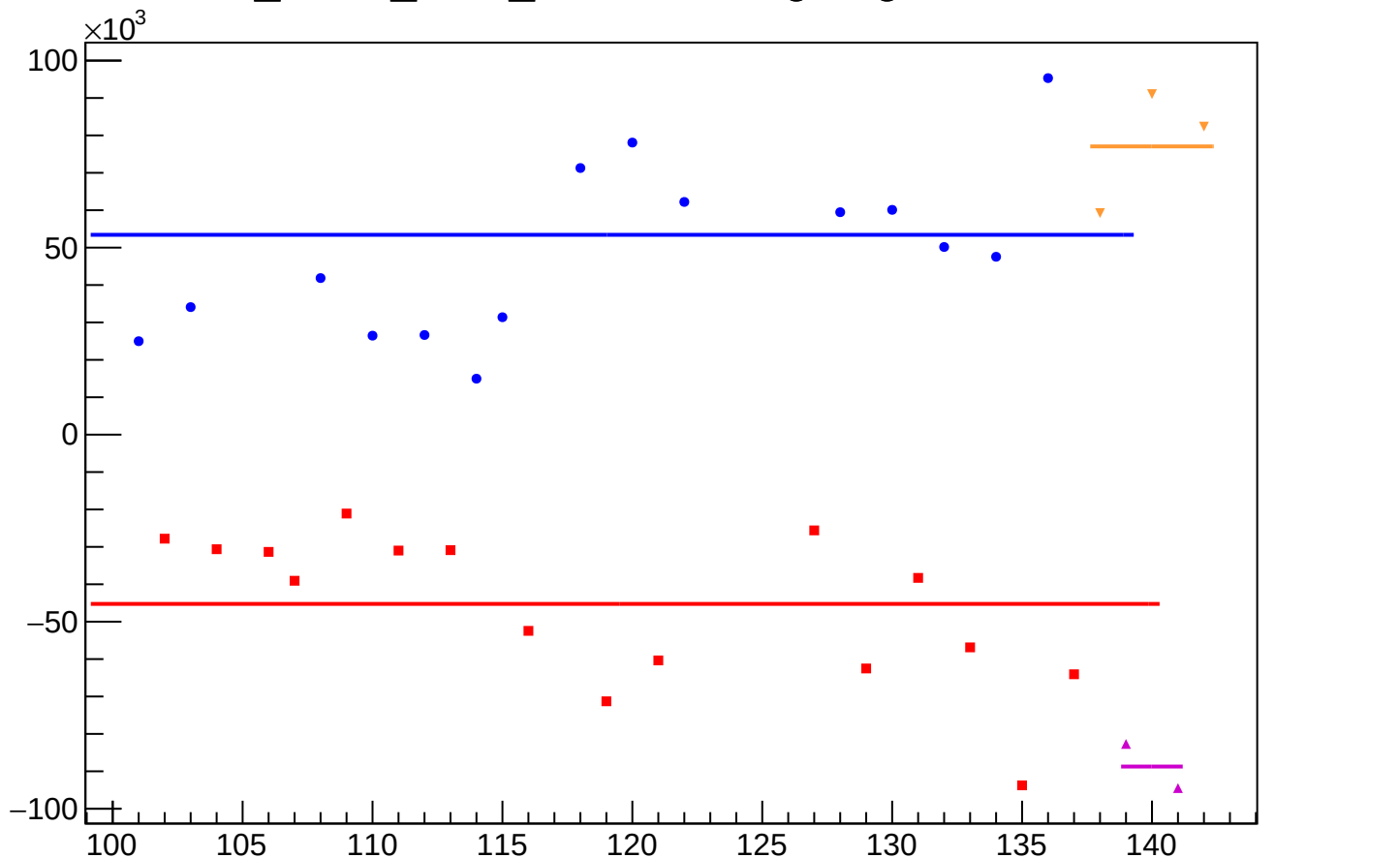
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

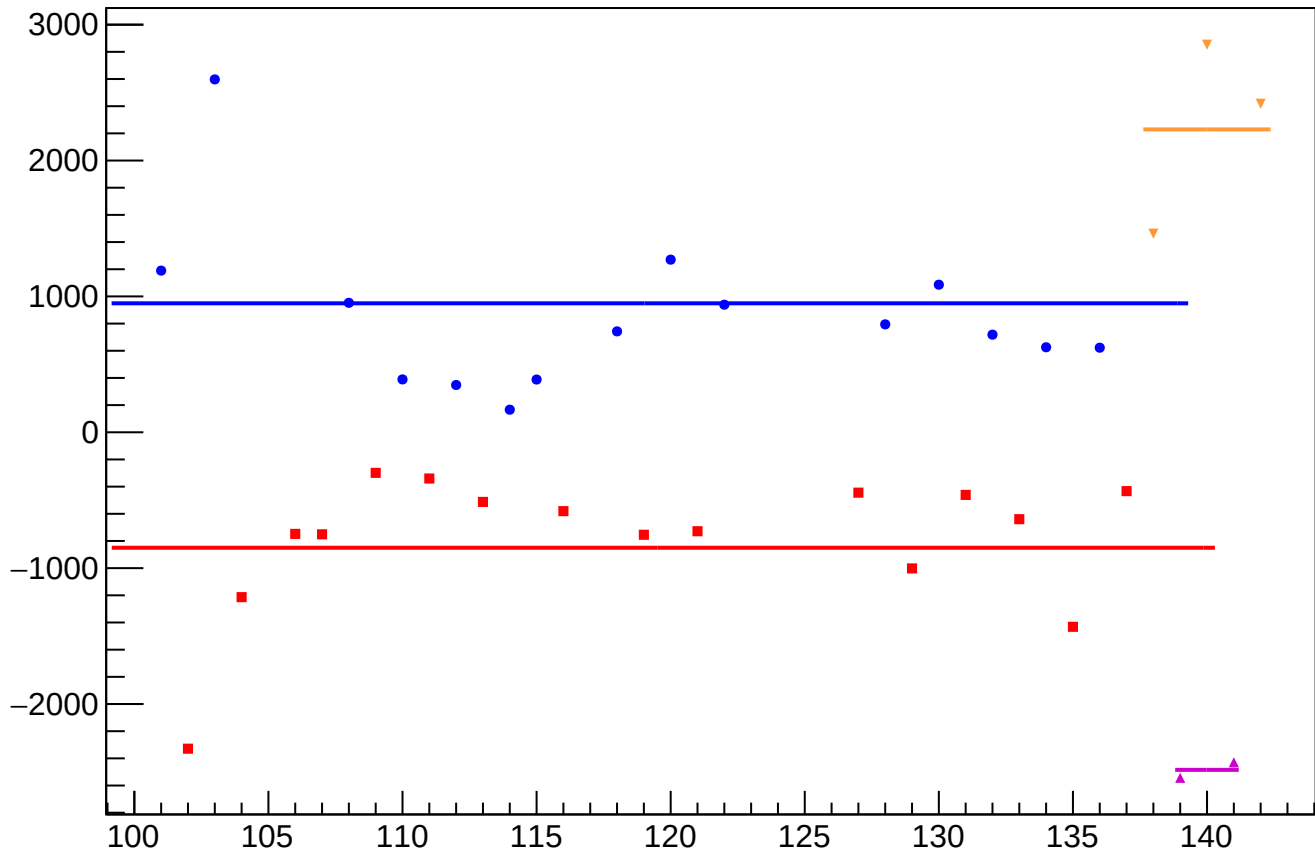
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 53422.452+/-0.000	χ^2/NDF : 360635757315133800133751123167777346551808.0/14
Left Out: 77057.323+/-0.000	χ^2/NDF : 42093732385437555507190916756249044320256.0/2
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



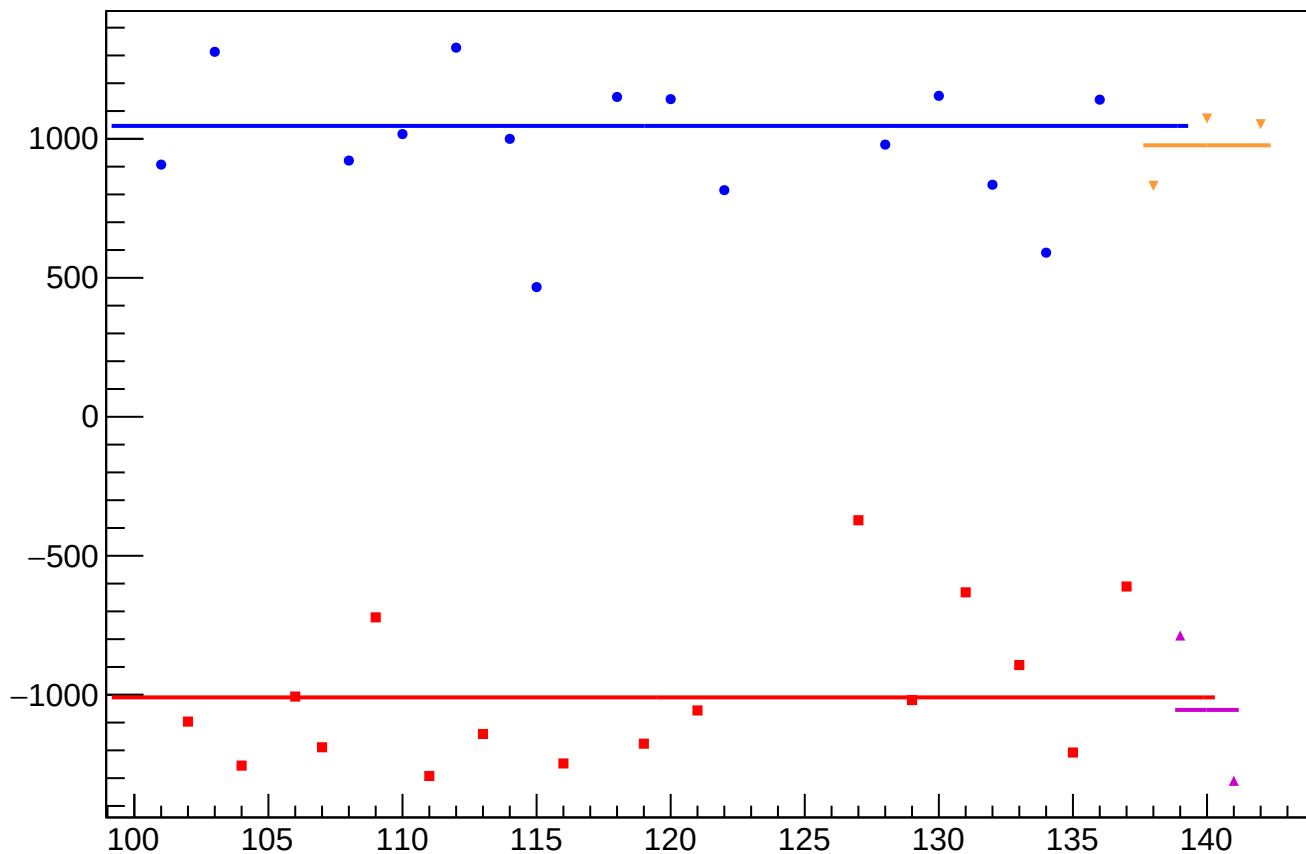
Right In: 949.197 +/- 0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 2229.052 +/- 0.000 χ^2/NDF : 79453216697629510335592545225317285888.0/2

Right Out: -849.827 +/- 0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

Left In: -2484.482 +/- 0.000 χ^2/NDF : 542022778435942644225131356243361792.0/1

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



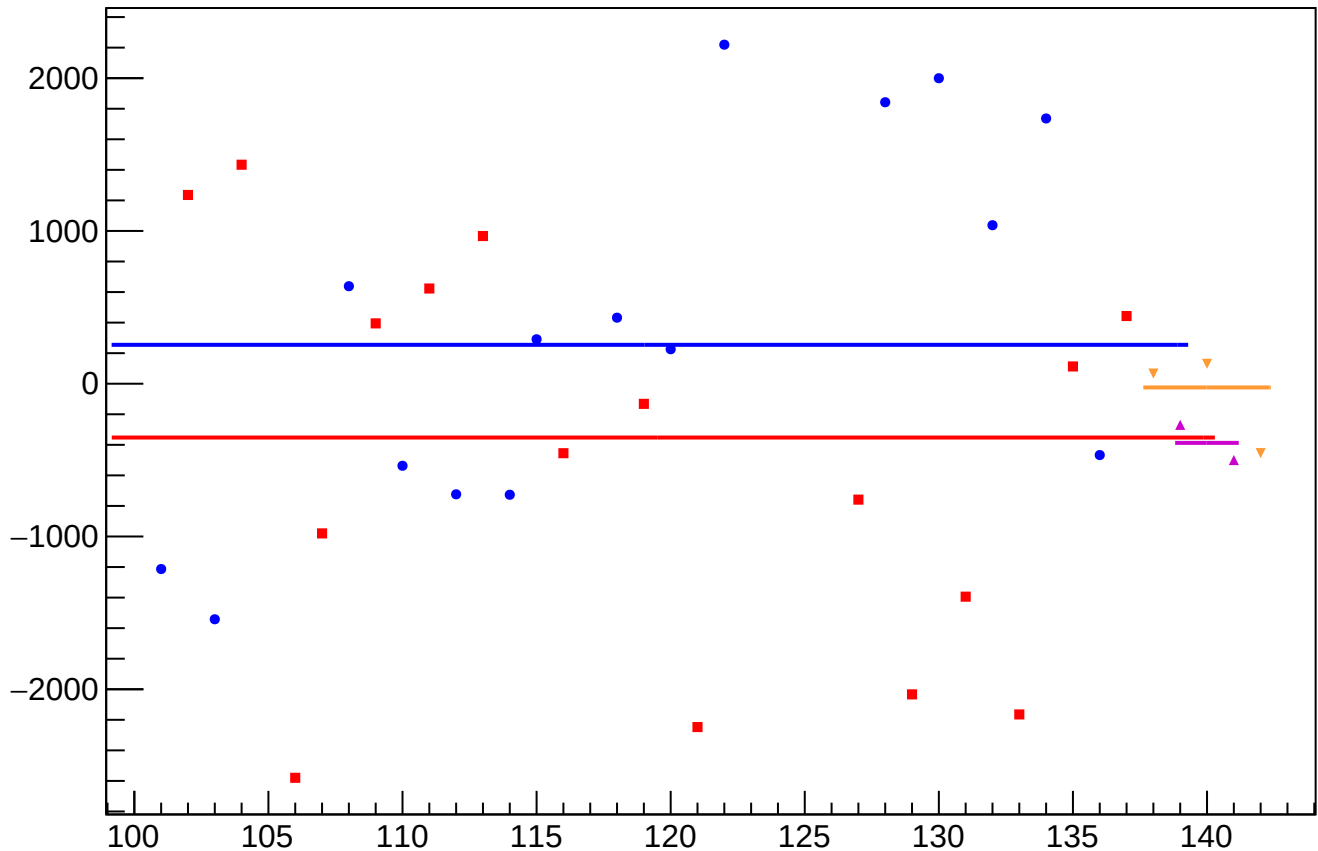
Right In: 1029.696+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

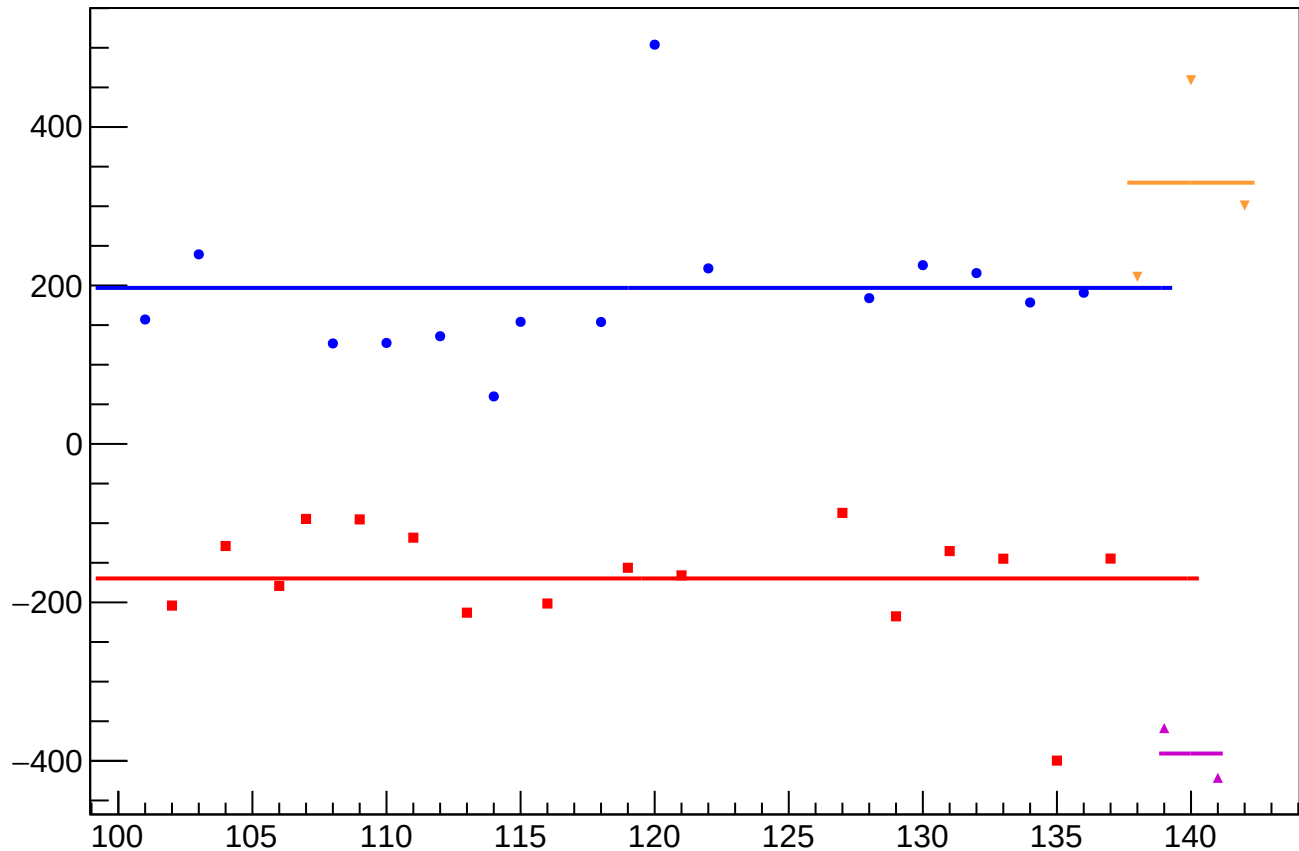
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam5_coil1_mean vs Slug, Sign Corrected



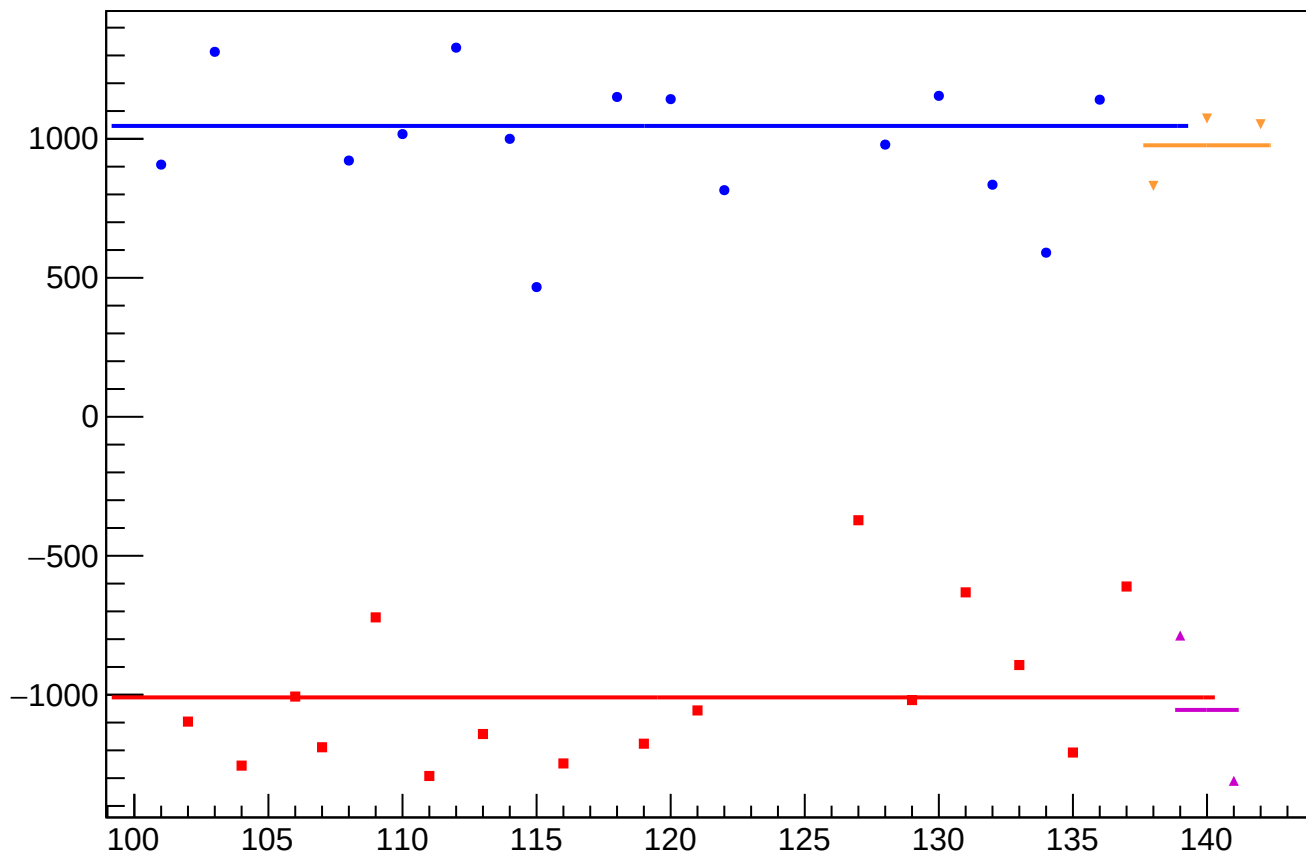
Right In: 254.578 +/- 0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14
 Left Out: -24.392 +/- 0.000 χ^2/NDF : 11110339197398923580403985935983706112.0/2
 Right Out: -352.308 +/- 0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15
 Left In: -387.229 +/- 0.000 χ^2/NDF : 2201684348417300022304872528733011968.0/1

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 196.955 $\pm$ 0.000 χ^2 /NDF: 4485245160329657914621372425838788608.0/14
 Left Out: 329.772 $\pm$ 0.000 χ^2 /NDF: 2509734295619937931000518974935924736.0/2
 Right Out: -169.778 $\pm$ 0.000 χ^2 /NDF: 3892609445494845784493558646385410048.0/15
 Left In: -390.768 $\pm$ 0.000 χ^2 /NDF: 163263082949186463461948689076977664.0/1

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



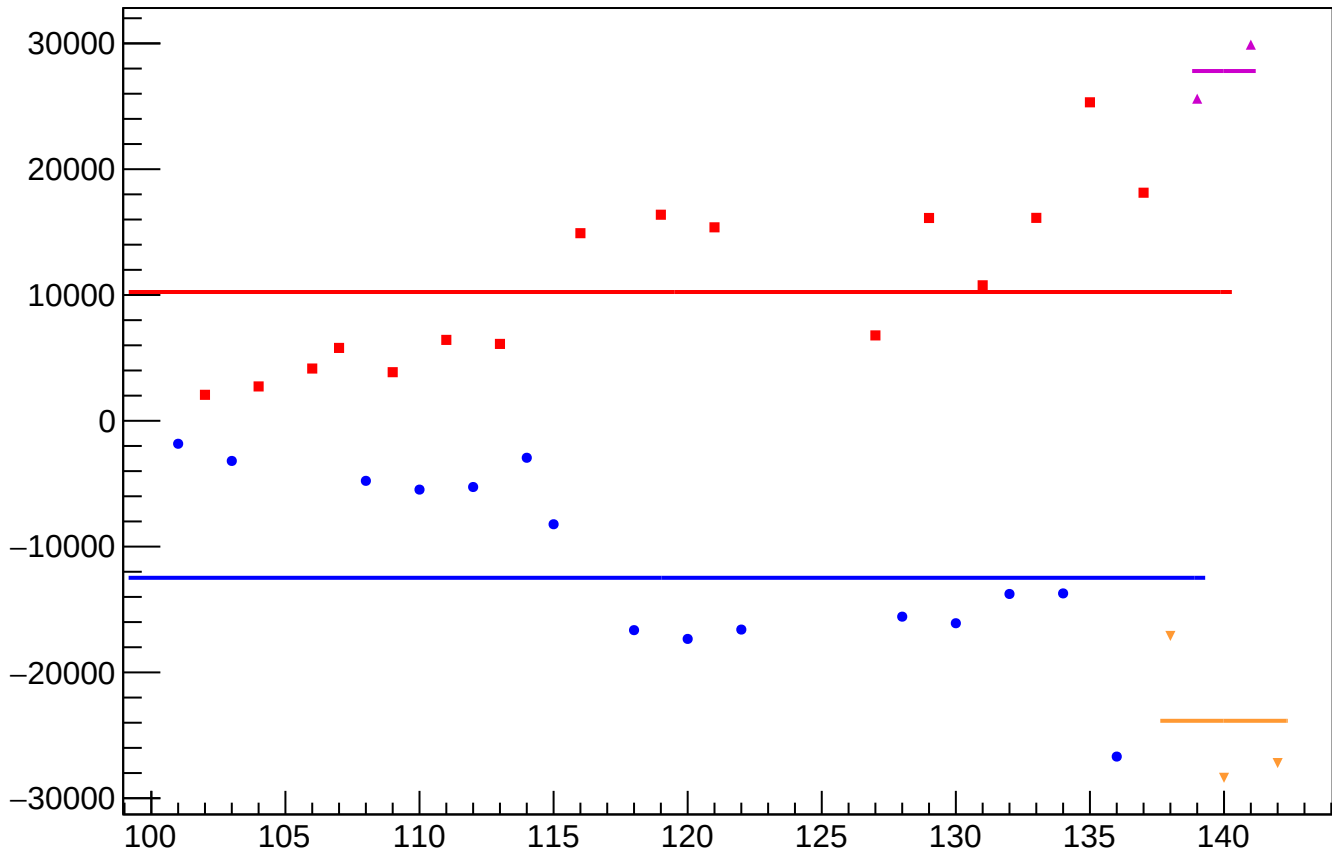
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

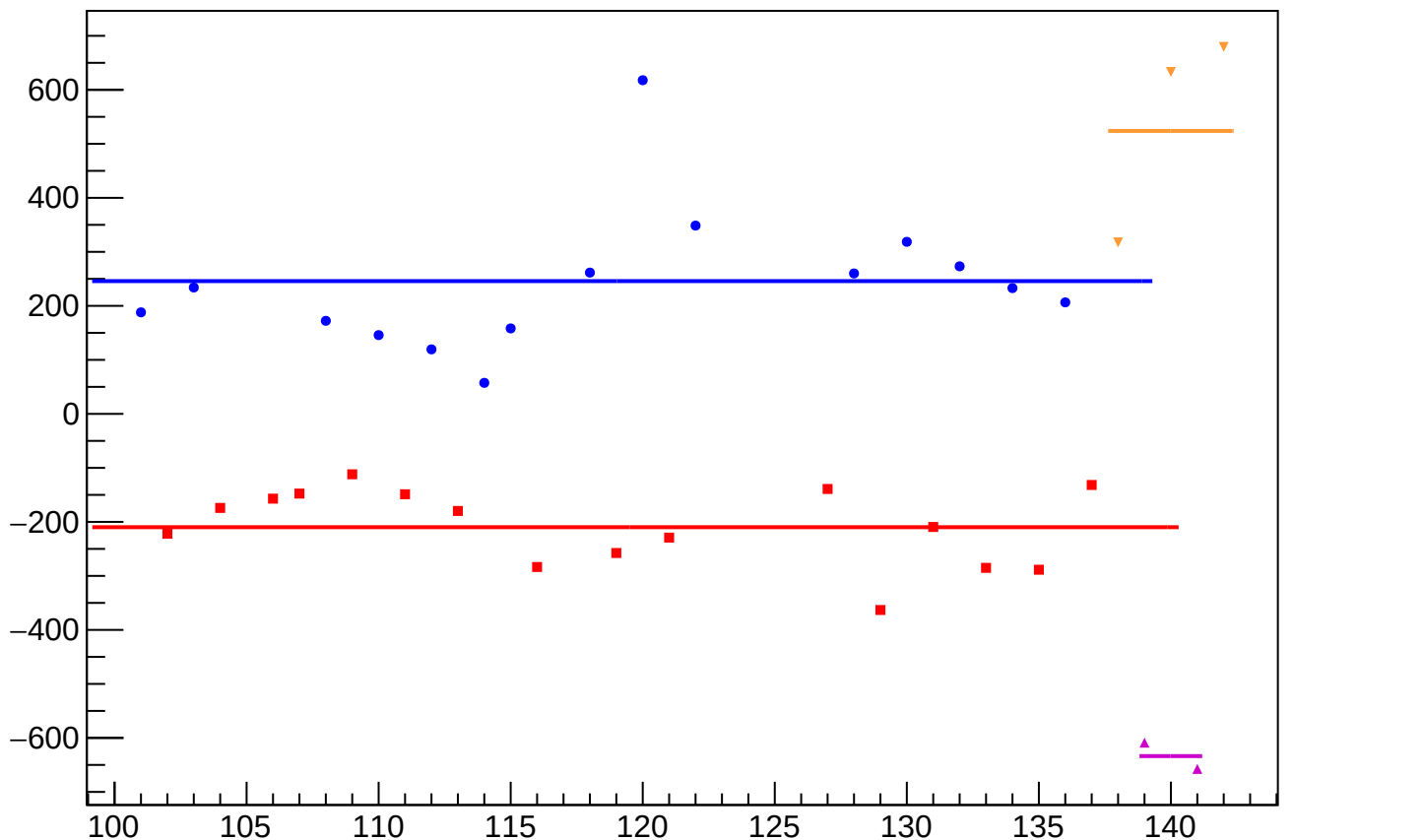
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam6_coil1_mean vs Slug, Sign Corrected



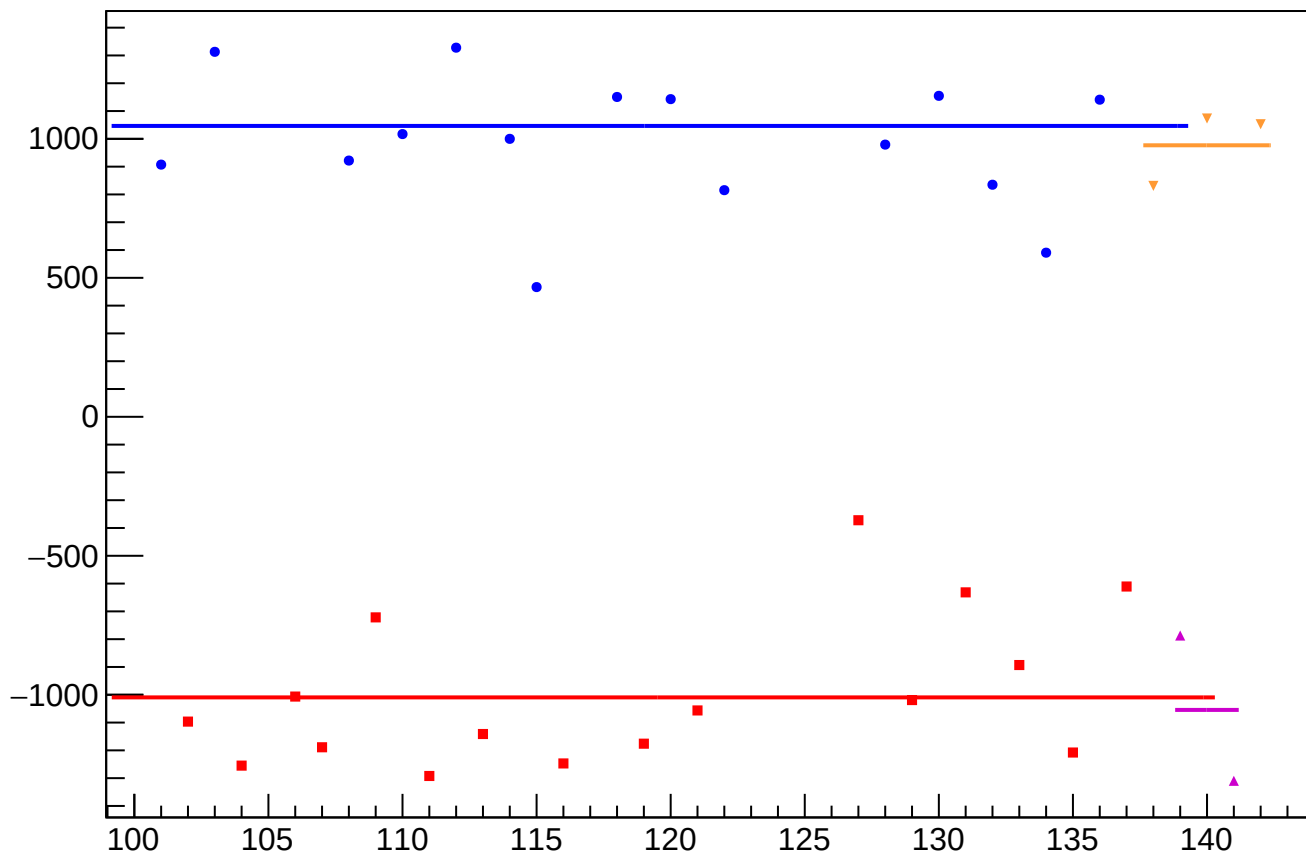
Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -23846.927+/-0.000 χ^2/NDF : 5751353375963456956758438346019020210176.0/2
 Right Out: 10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: 27804.656+/-0.000 χ^2/NDF : 764059366713186182563579774663024181248.0/1

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 245.832 $\pm$ 0.000 χ^2 /NDF: 7828269009300013139414476154059358208.0/14
 Left Out: 523.924 $\pm$ 0.000 χ^2 /NDF: 5412694628951003390644345019679375360.0/2
 Right Out: -209.844 $\pm$ 0.000 χ^2 /NDF: 3128489258838765241921217786024034304.0/15
 Left In: -633.648 $\pm$ 0.000 χ^2 /NDF: 98067962733464980790340190025547776.0/1

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



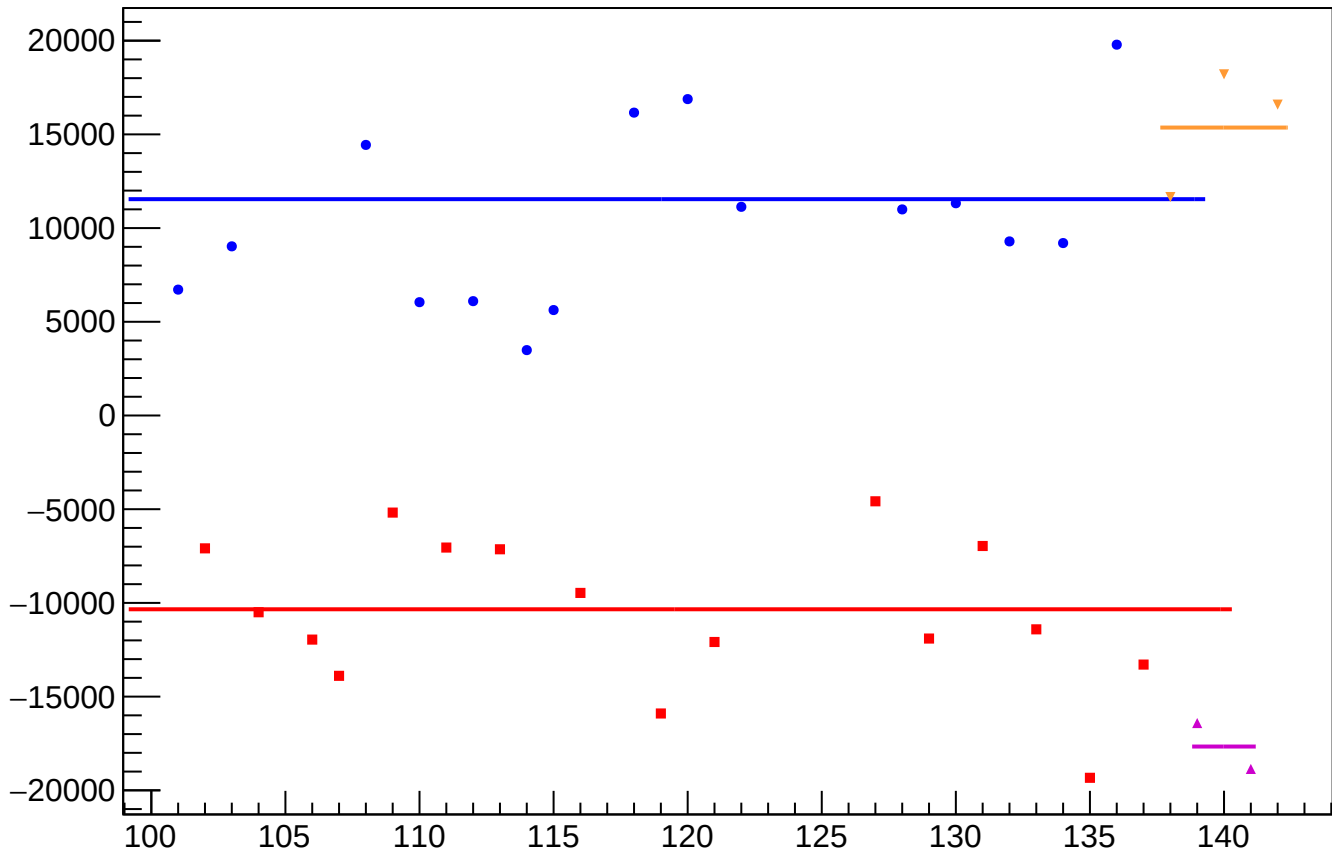
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

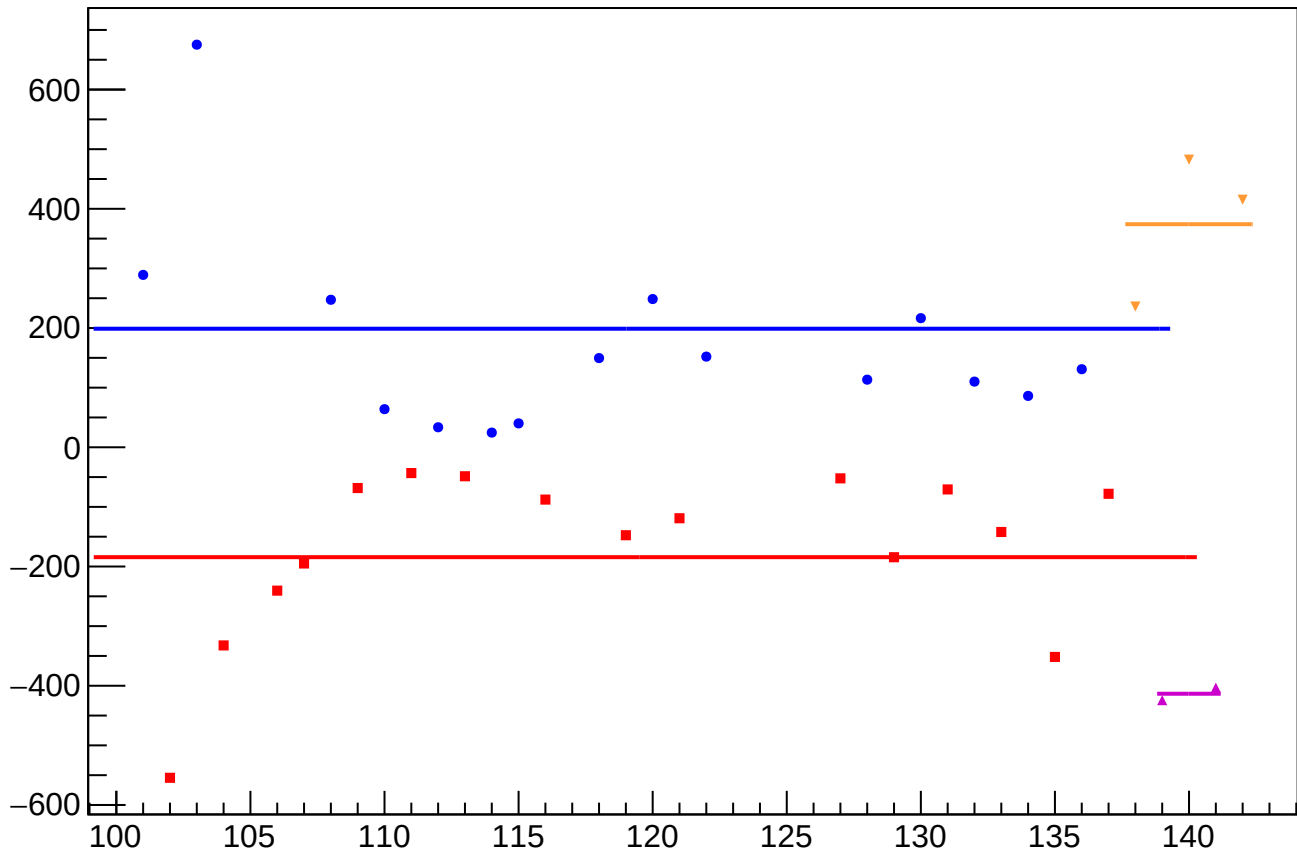
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 15363.637+/-0.000 χ^2/NDF : 1802622311774633898513025897546209296384.0/2
 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



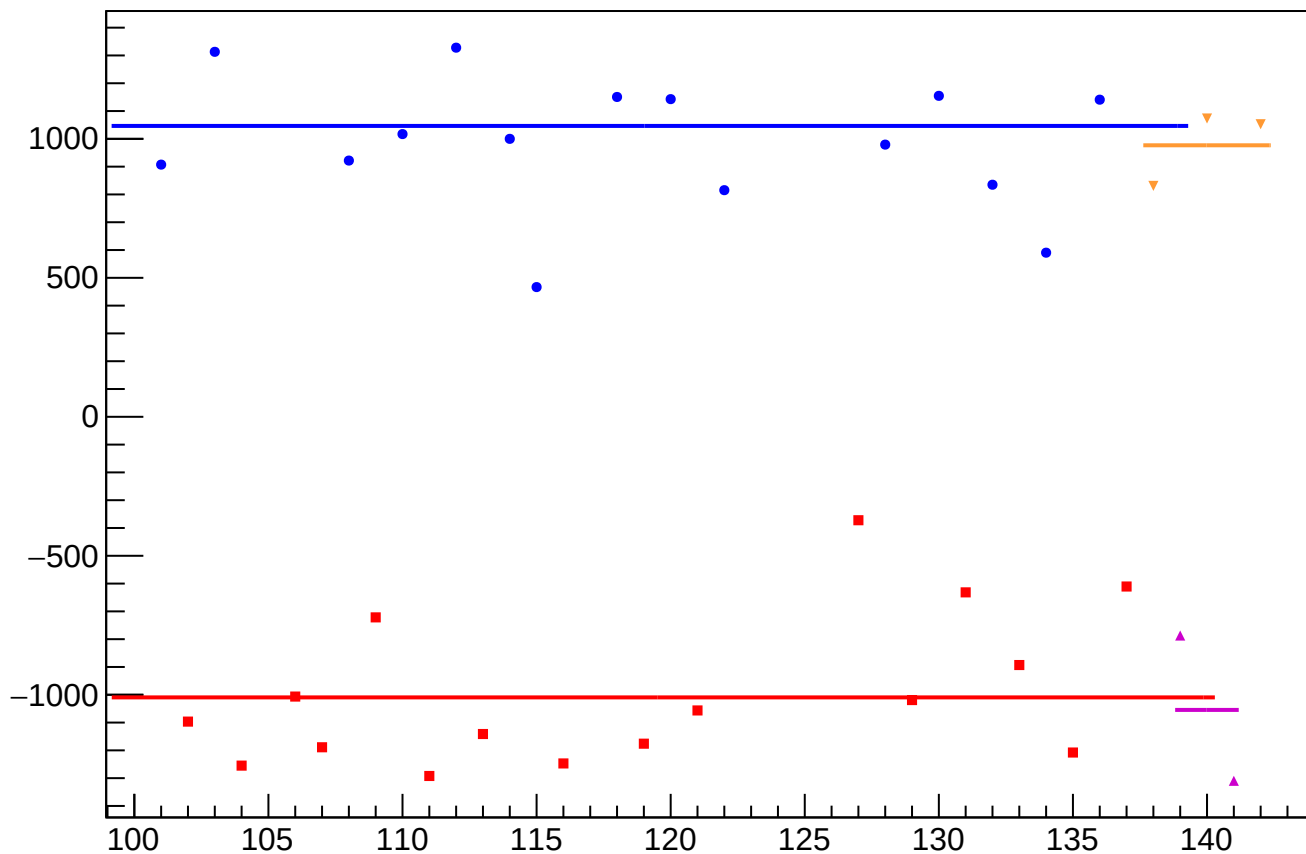
Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 374.141+/-0.000 χ^2/NDF : 2525402656459186407749481003520884736.0/2

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



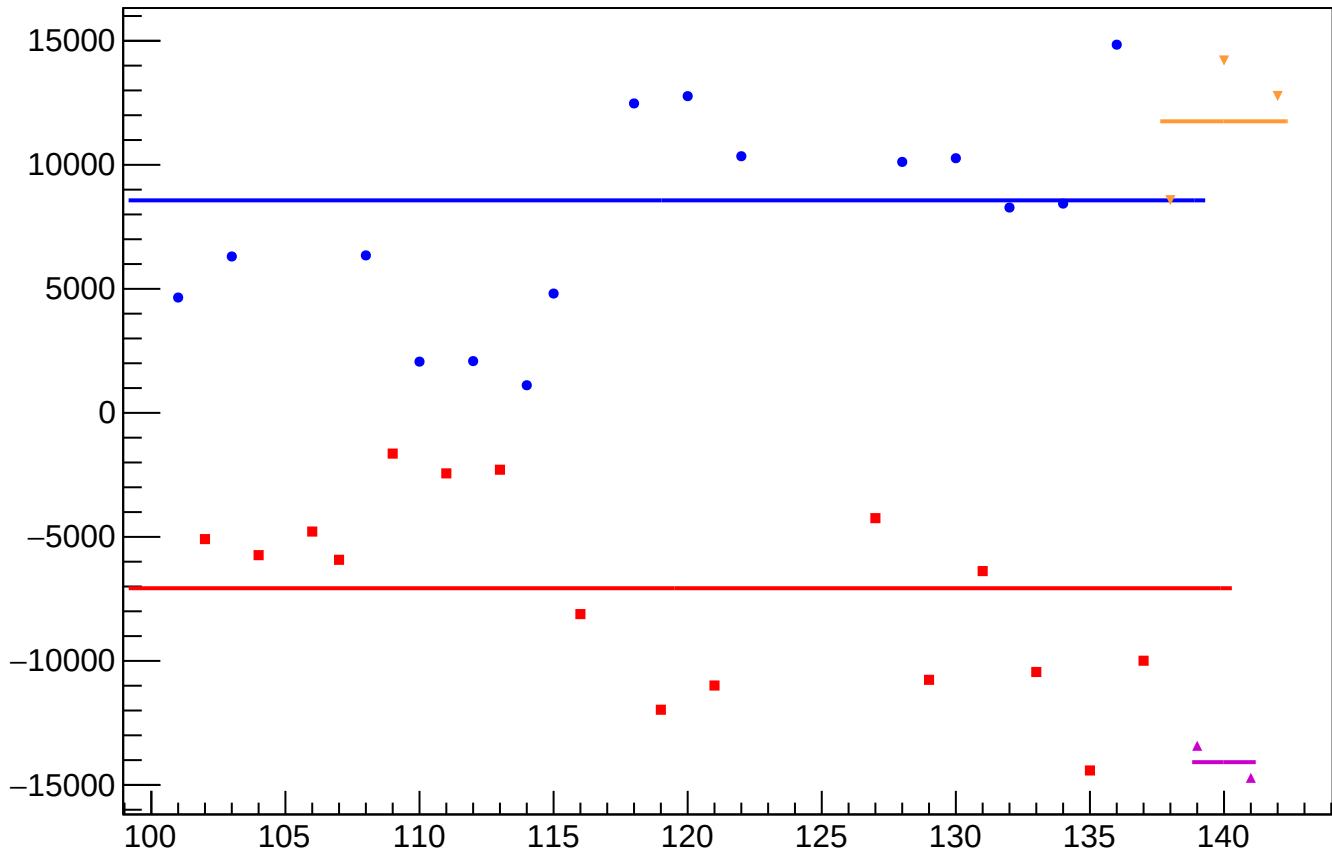
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

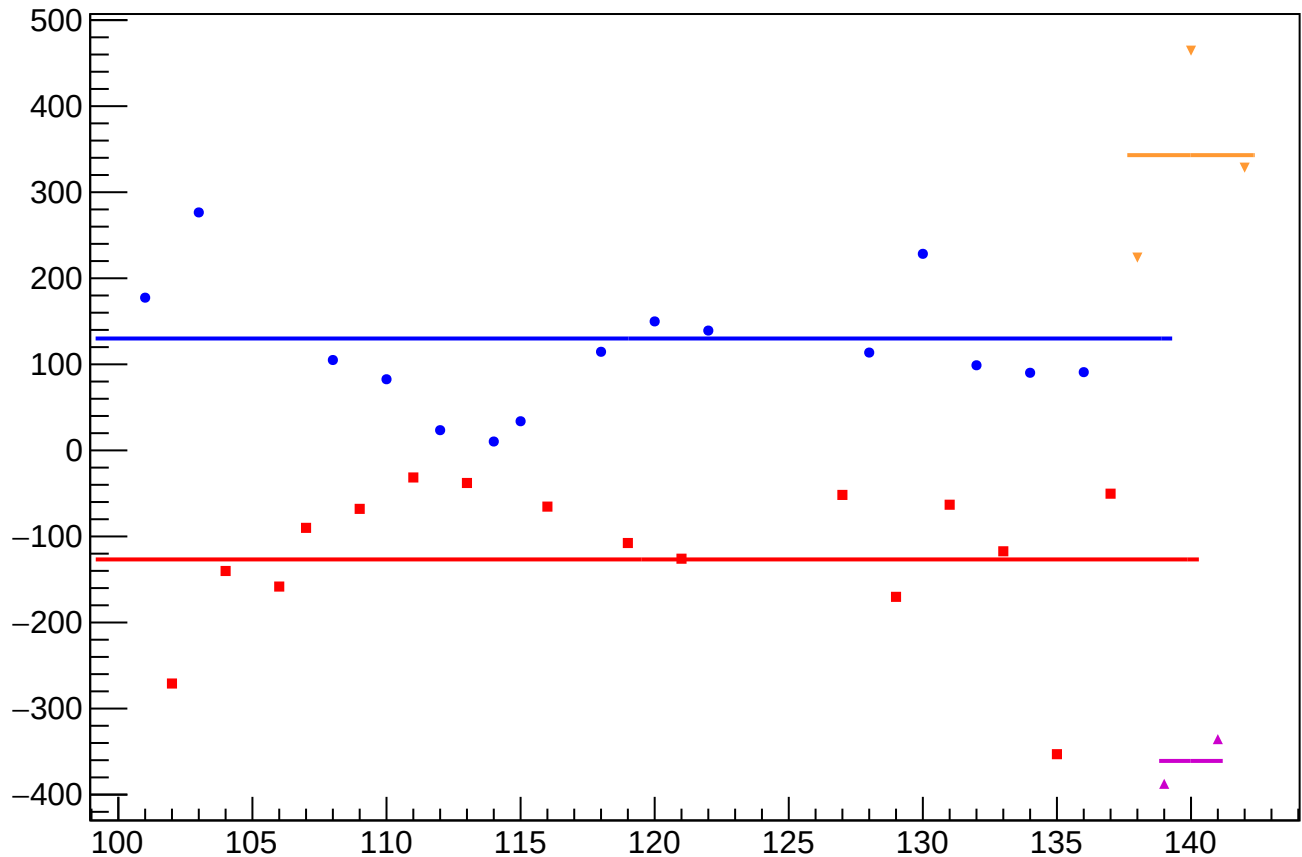
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 11754.887+/-0.000 χ^2/NDF : 1329405132225633324881580241462451240960.0/2
 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



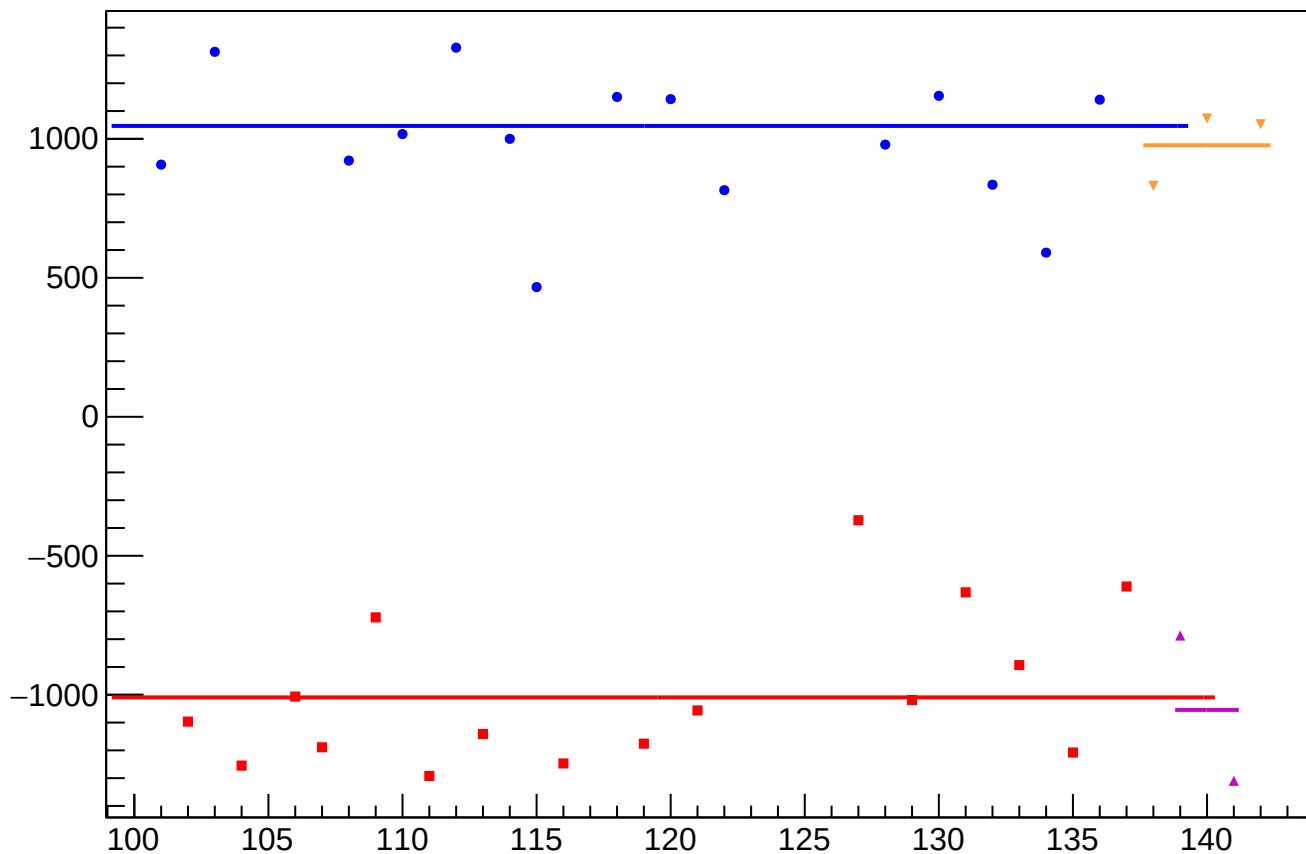
Right In: 130.021 $\pm$ 0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14

Left Out: 343.085 $\pm$ 0.000 χ^2/NDF : 2323621180259407130232558768667754496.0/2

Right Out: -126.709 $\pm$ 0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15

Left In: -360.846 $\pm$ 0.000 χ^2/NDF : 111765535337152393220436992335020032.0/1

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



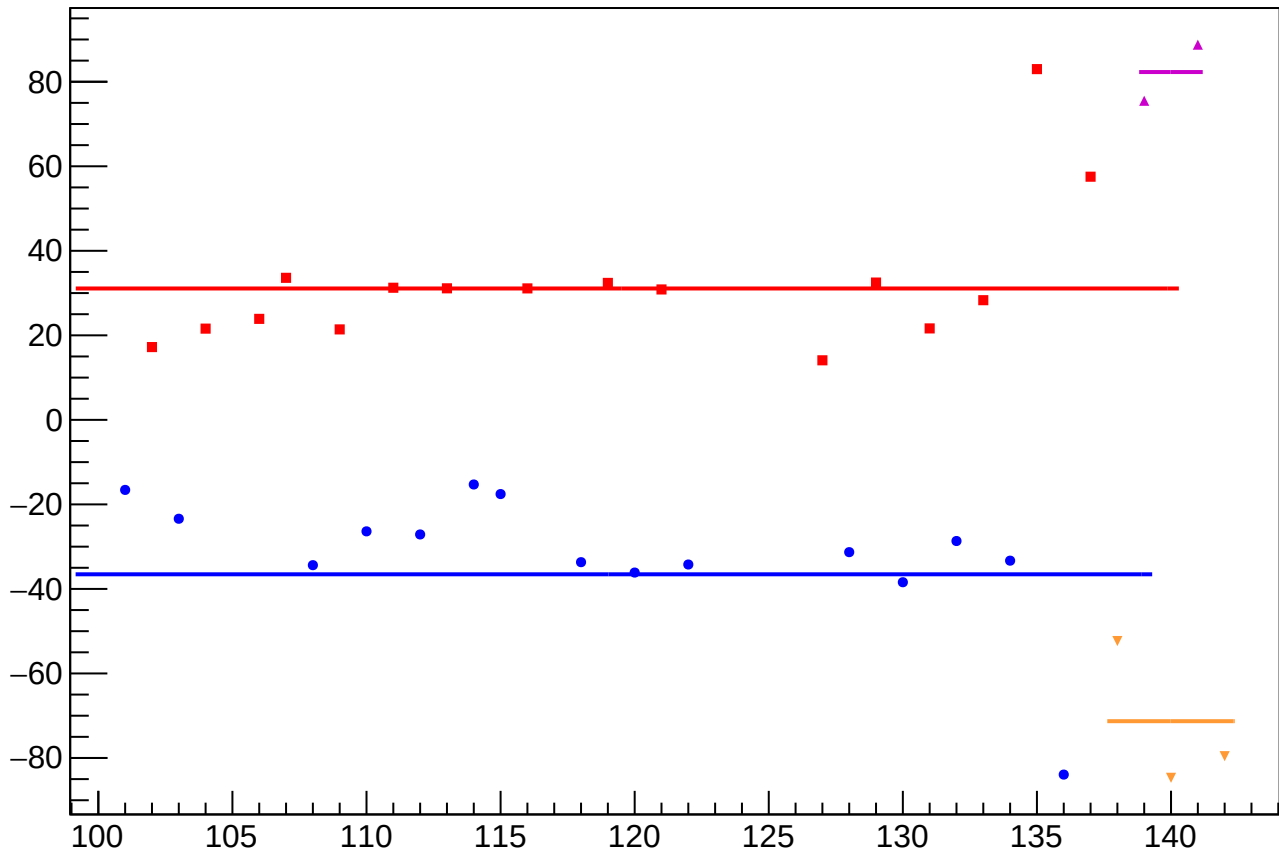
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 976.786+/-0.000 χ^2/NDF : 2688965841683988916568819627152375808.0/2

Right Out: -1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

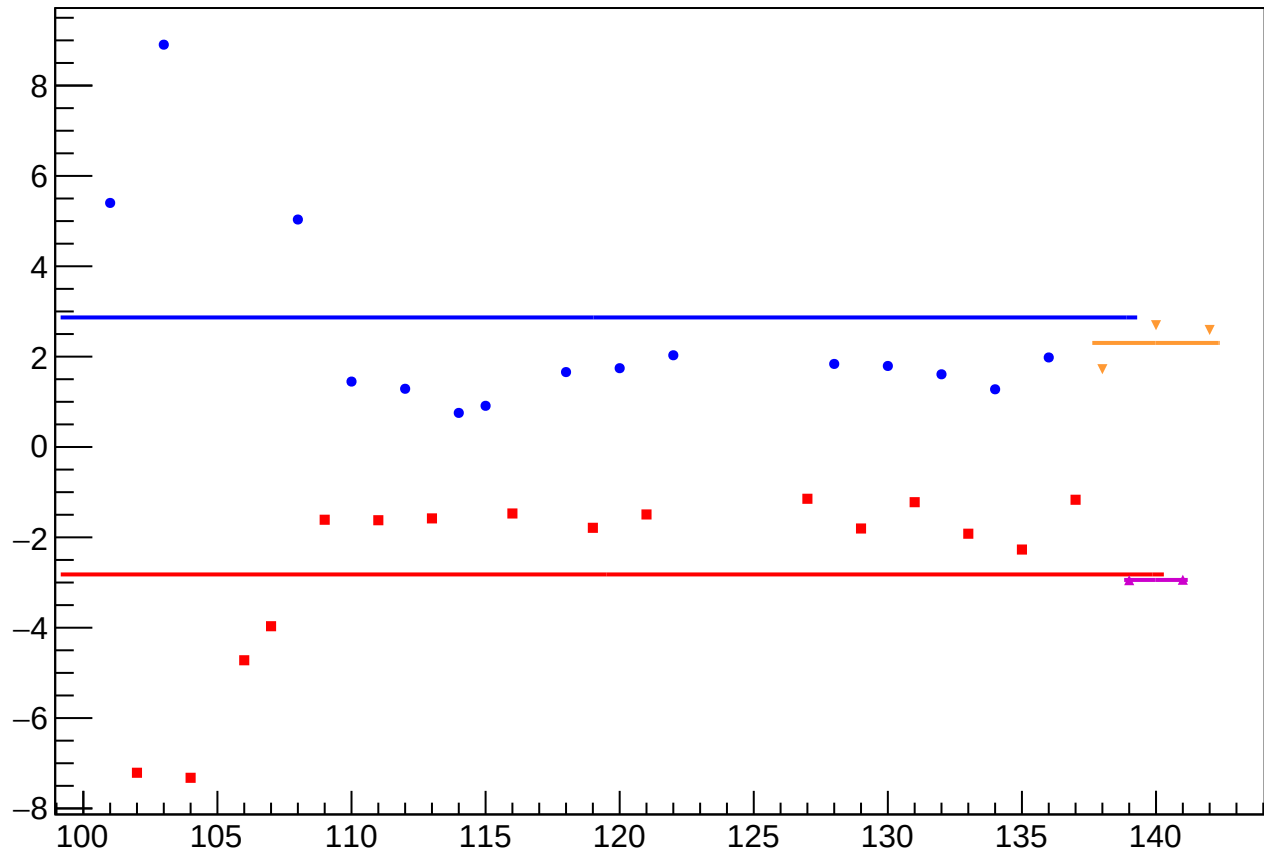
Left In: -1054.494+/-0.000 χ^2/NDF : 11328252246916999336694657335420780544.0/1

dit_4aX_coil3_mean vs Slug, Sign Corrected



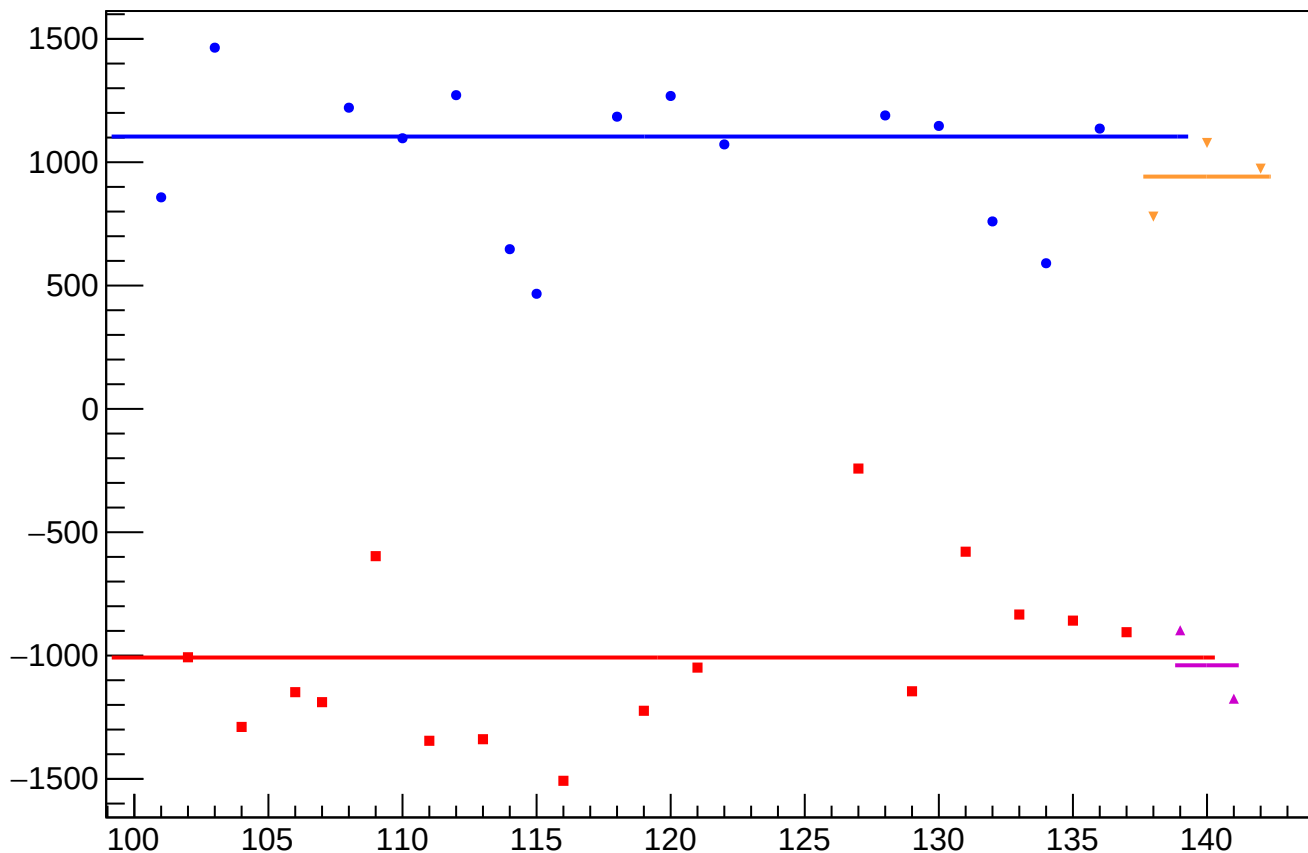
Right In: -36.540 ± 0.000 $\chi^2/\text{NDF}: 254351867861444609202637633864335360.0/14$
 Left Out: -71.298 ± 0.000 $\chi^2/\text{NDF}: 45913143536831288725409217772519424.0/2$
 Right Out: 31.085 ± 0.000 $\chi^2/\text{NDF}: 181291079119381636178408498876383232.0/15$
 Left In: 82.299 ± 0.000 $\chi^2/\text{NDF}: 7304900606581888368990245523292160.0/1$

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.867 +/- 0.000 χ^2/NDF : 3455499087584693564208174061322240.0/14
 Left Out: 2.303 +/- 0.000 χ^2/NDF : 42774599545387386354725222875136.0/2
 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



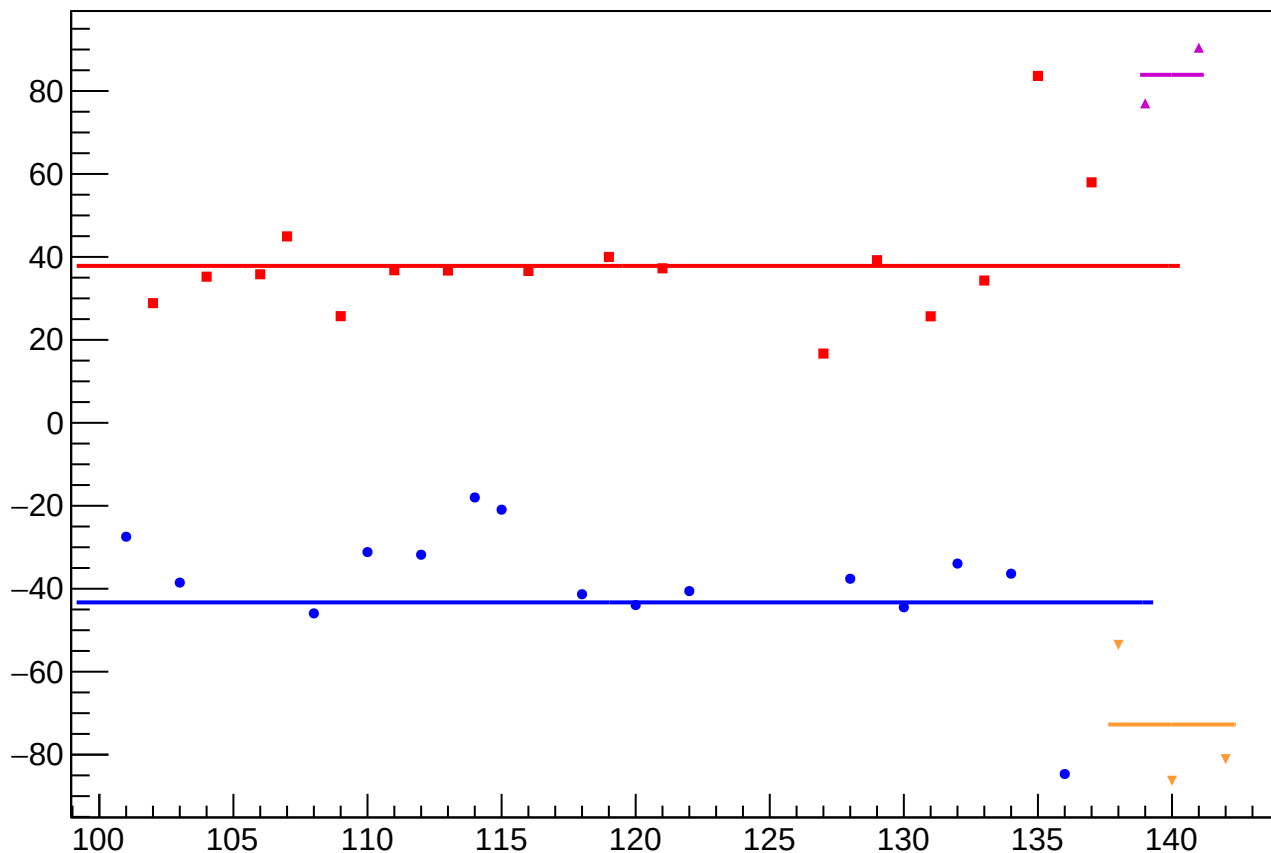
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 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_4eX_coil3_mean vs Slug, Sign Corrected



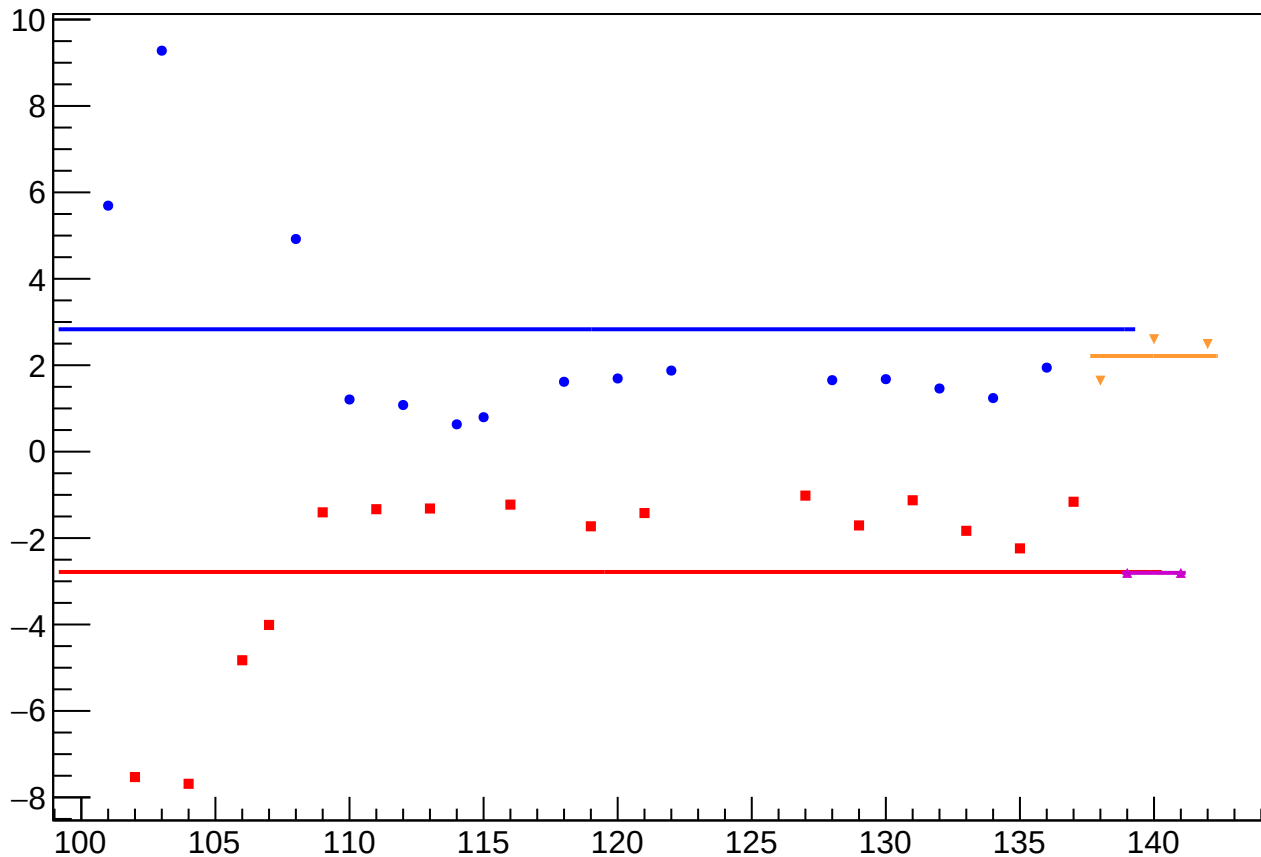
Right In: -43.289 +/- 0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -72.733 +/- 0.000 χ^2/NDF : 47049728299640648839872027230732288.0/2

Right Out: 37.832 +/- 0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15

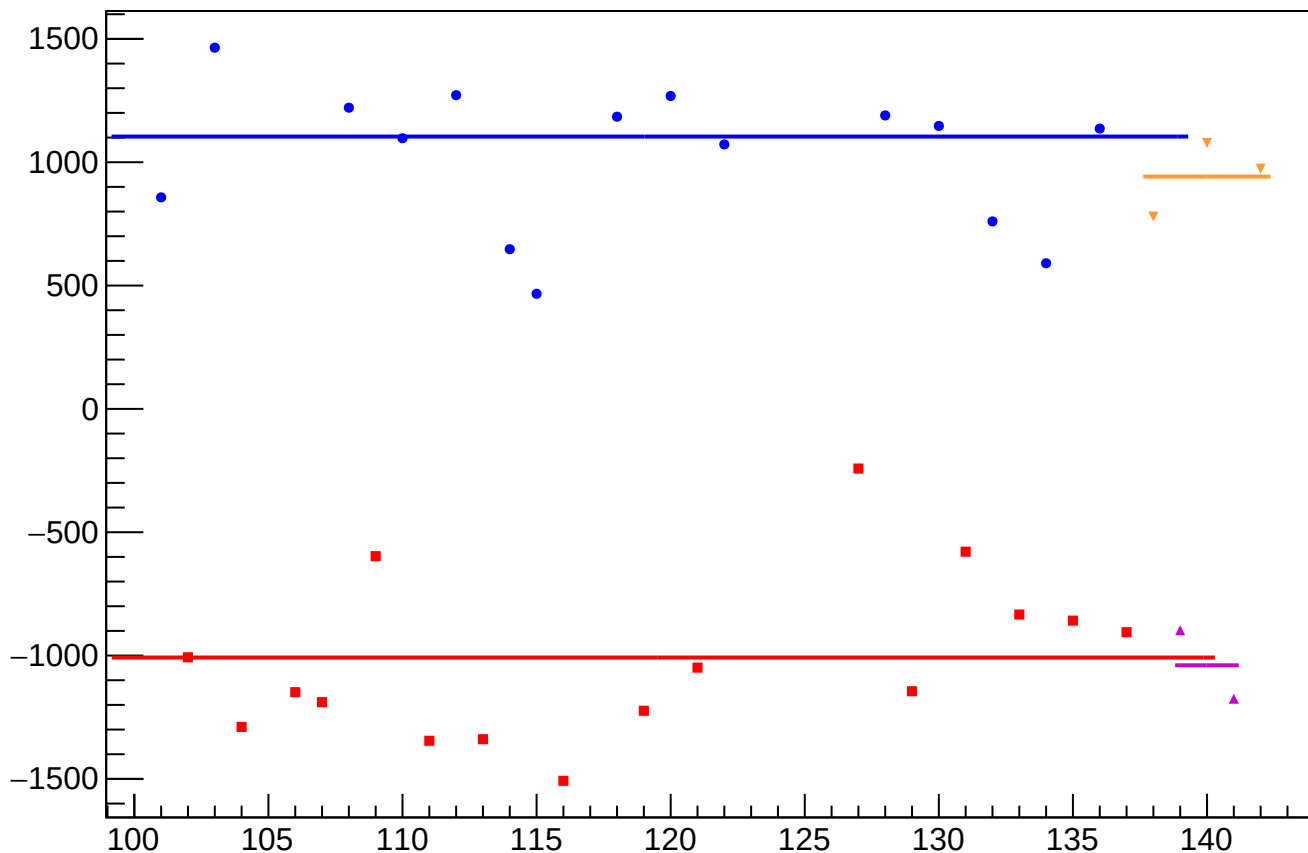
Left In: 83.898 +/- 0.000 χ^2/NDF : 7467176553652537023035223176118272.0/1

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 2.832 ± 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.213 ± 0.000 χ^2/NDF : 41349294089355805287405932511232.0/2
 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



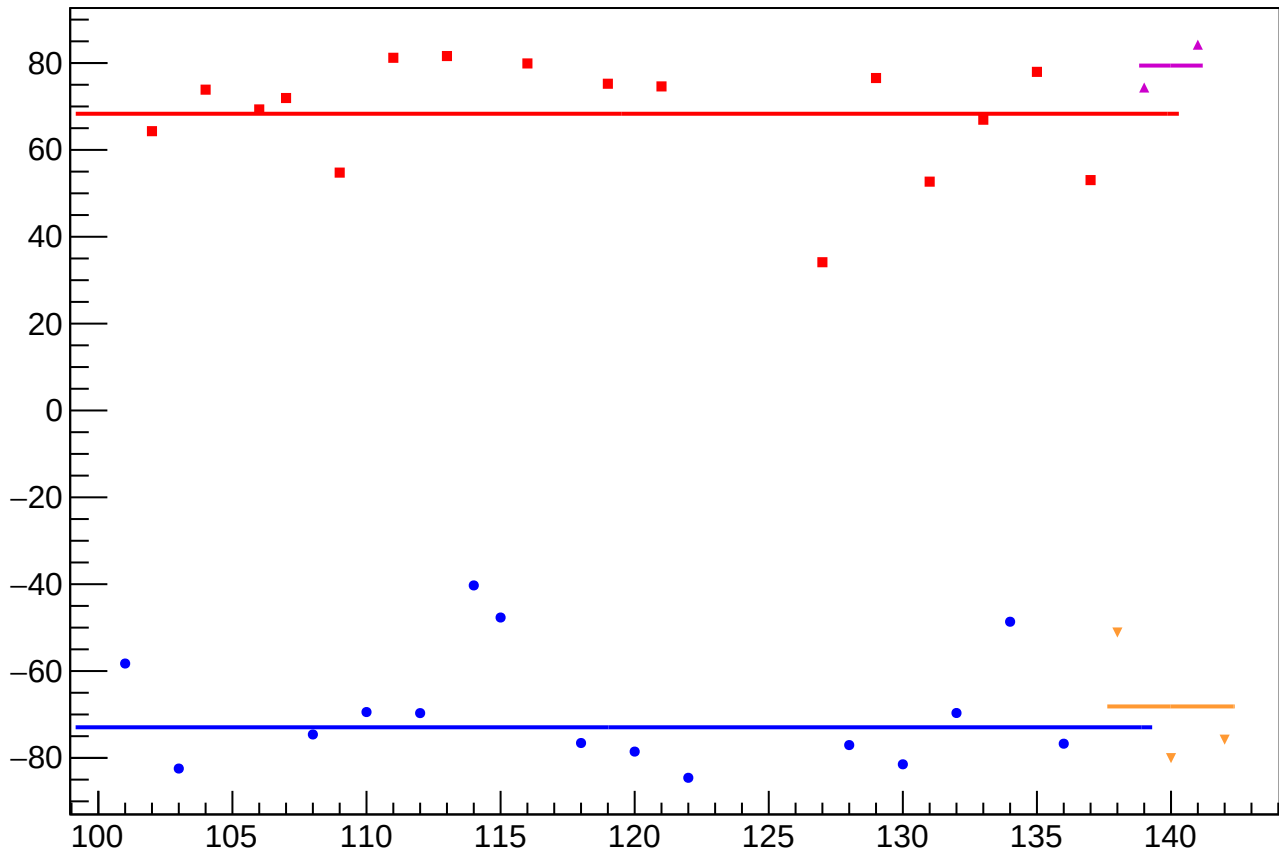
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

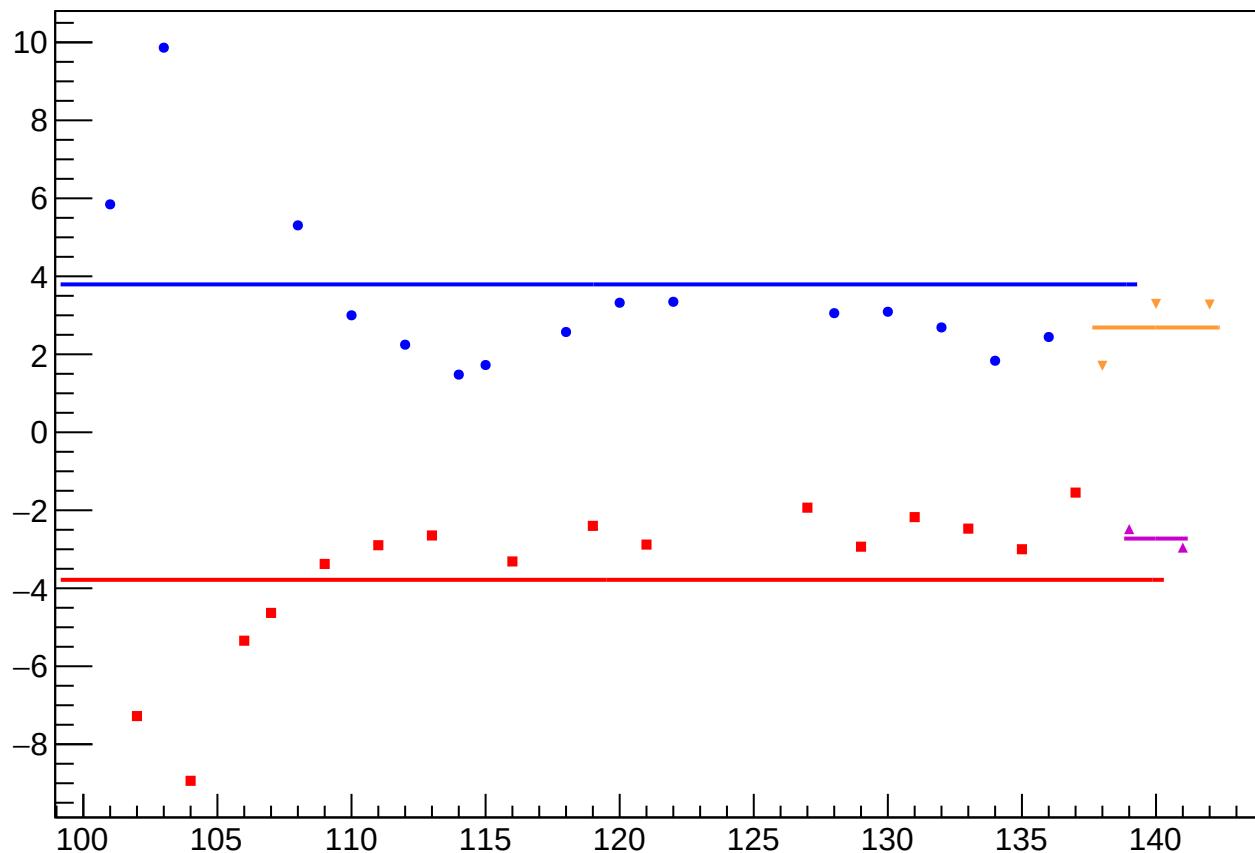
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: -72.949 ± 0.000 $\chi^2/\text{NDF}: 65755428464857980306879126291087360.0/14$
 Left Out: -68.151 ± 0.000 $\chi^2/\text{NDF}: 36911677476112533483002781264510976.0/2$
 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



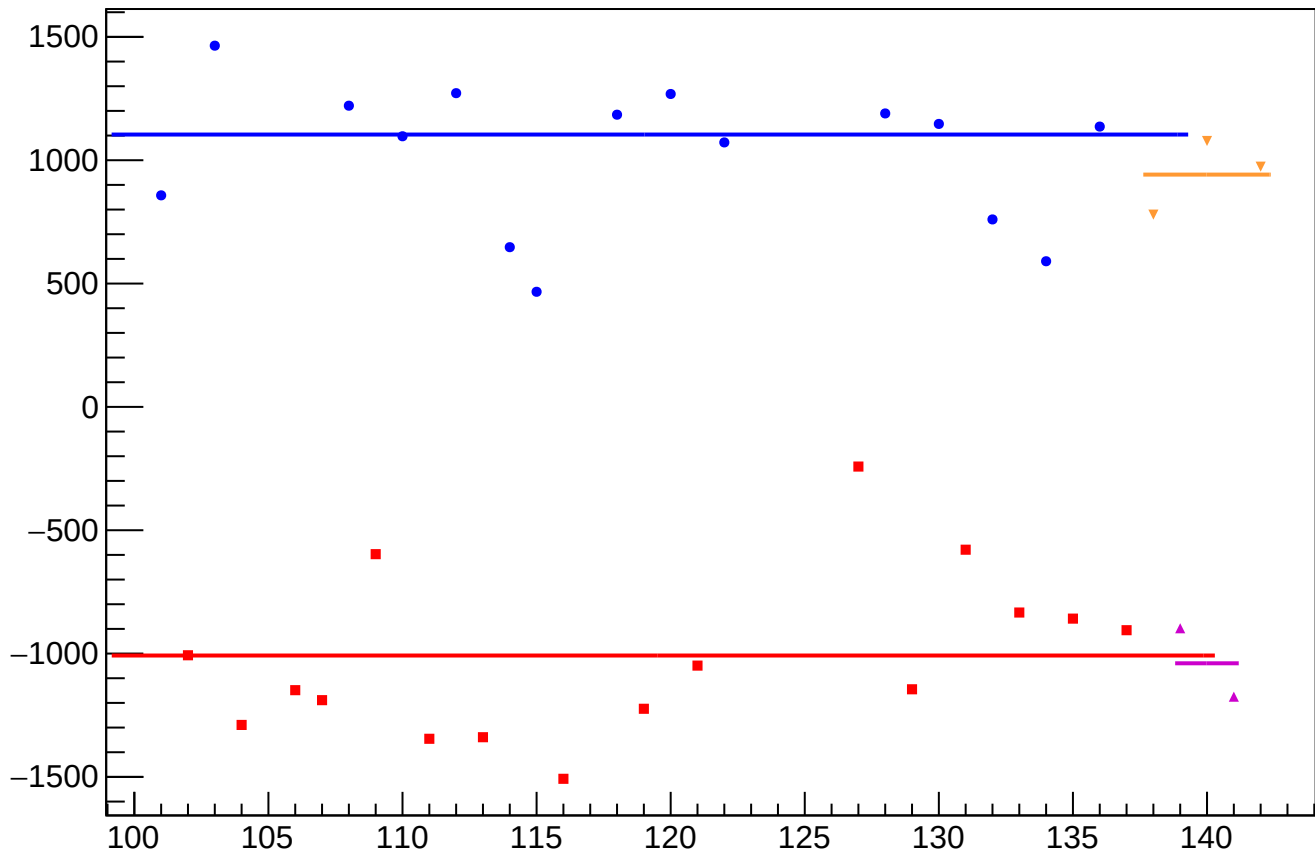
Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14

Left Out: 2.688+/-0.000 χ^2/NDF : 121133138732022248224995512680448.0/2

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



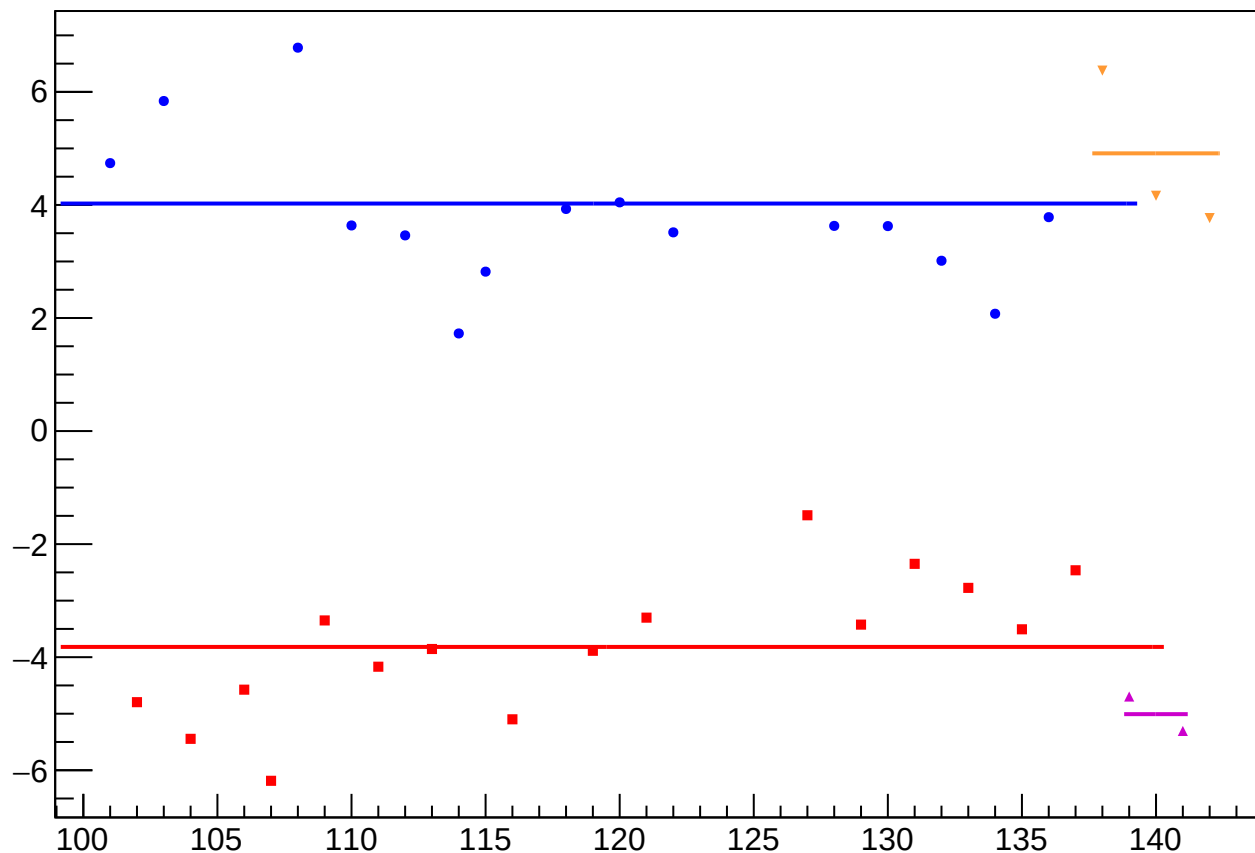
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 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_4aY_coil3_mean vs Slug, Sign Corrected



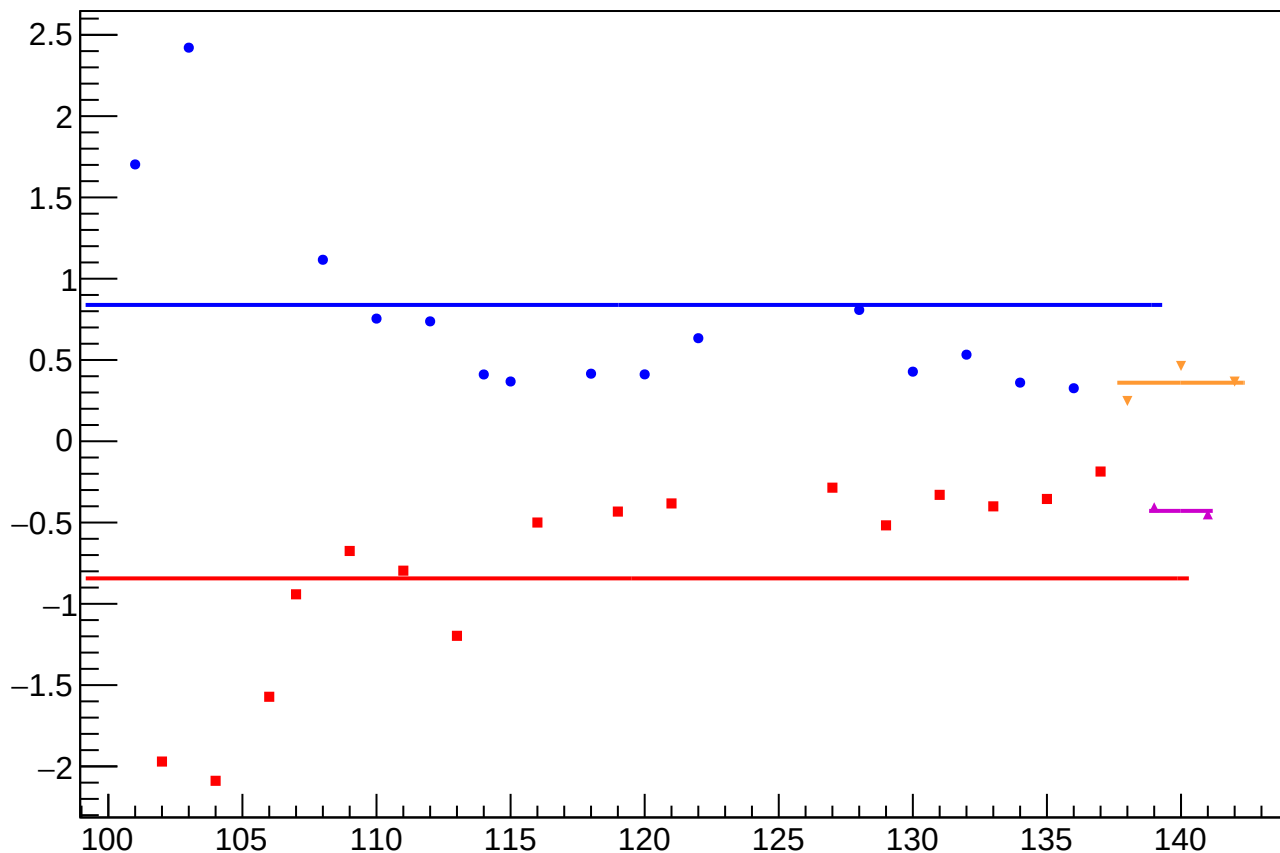
Right In: 4.025 $\pm$ 0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.913 $\pm$ 0.000 χ^2/NDF : 273561121810077283620452455940096.0/2

Right Out: -3.819 $\pm$ 0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

Left In: -5.008 $\pm$ 0.000 χ^2/NDF : 15374602220850985400950677569536.0/1

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



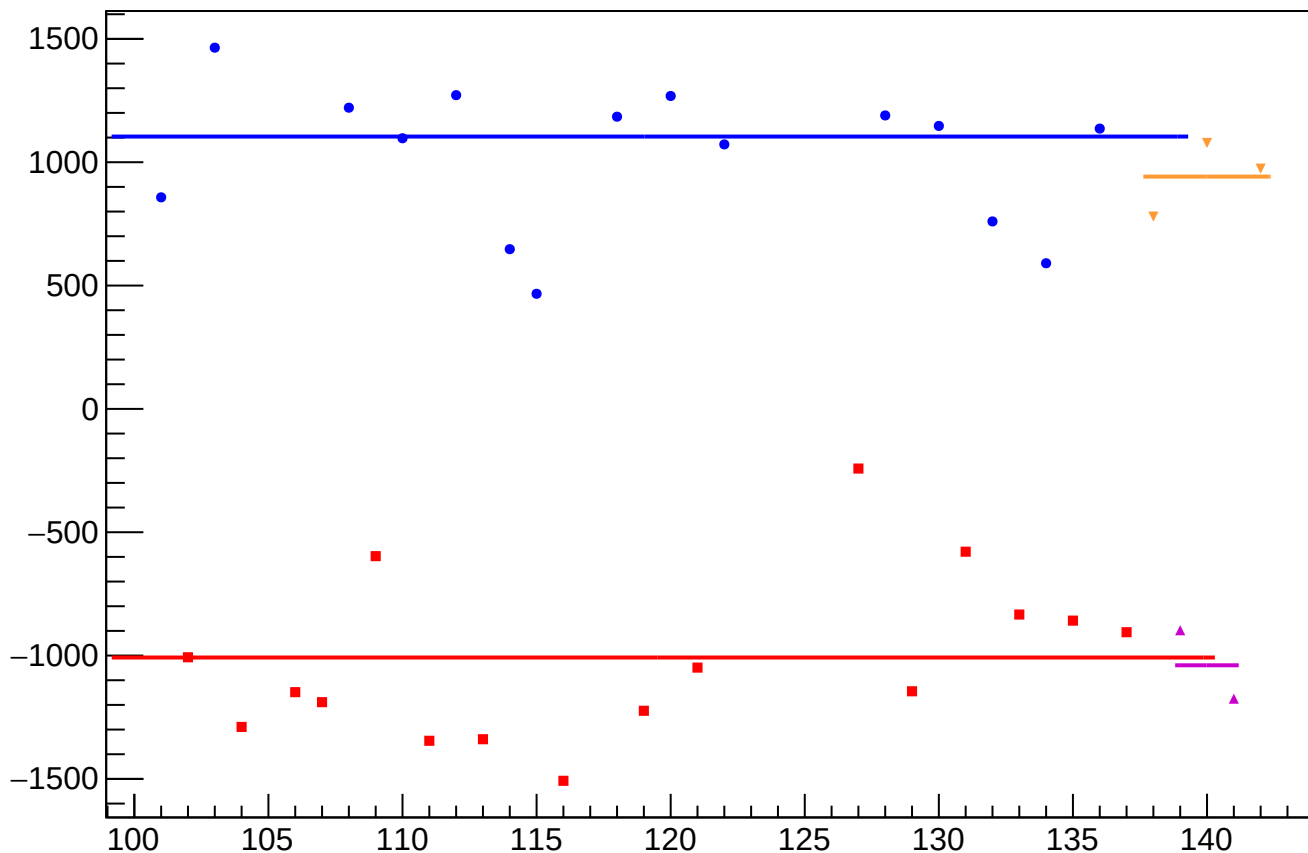
Right In: 0.839+/-0.000 χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.360+/-0.000 χ^2/NDF : 1858367748834746341743690514432.0/2

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



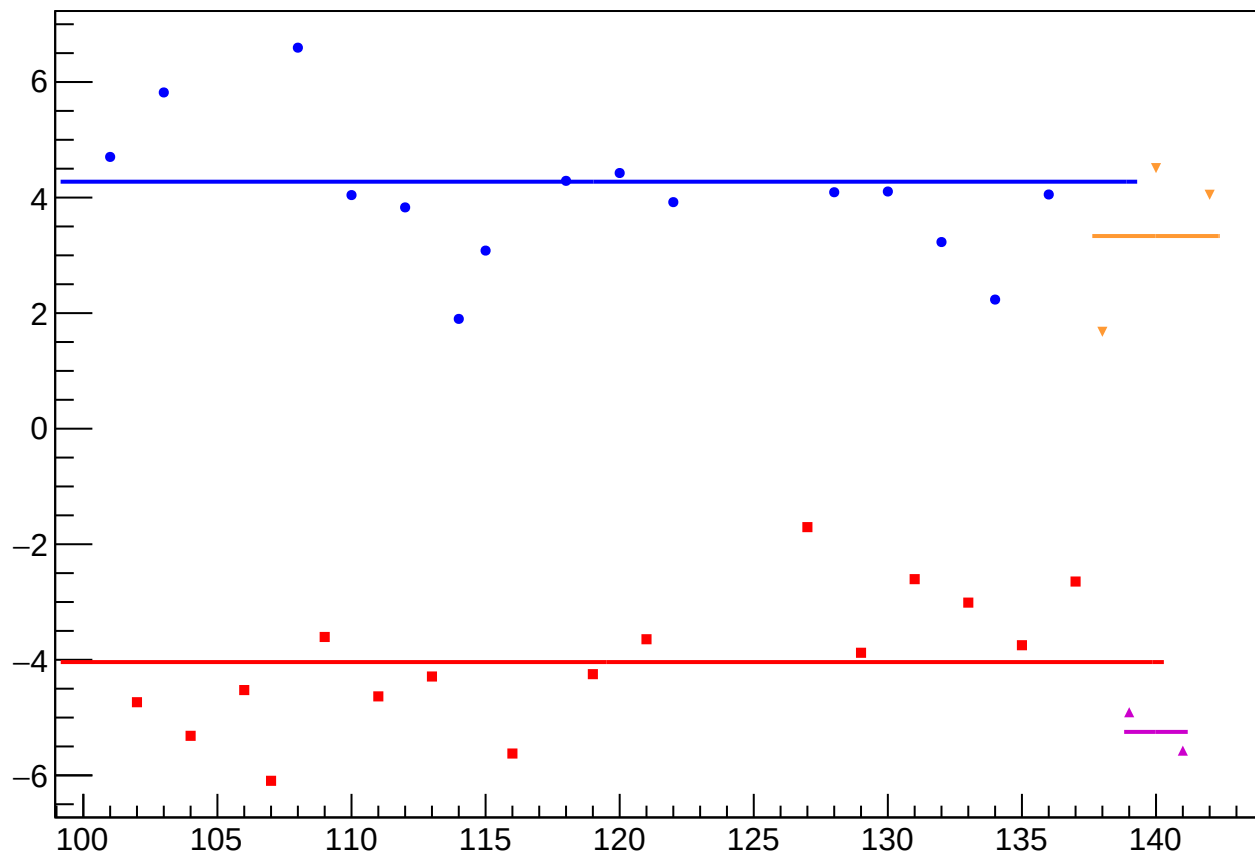
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 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_4eY_coil3_mean vs Slug, Sign Corrected



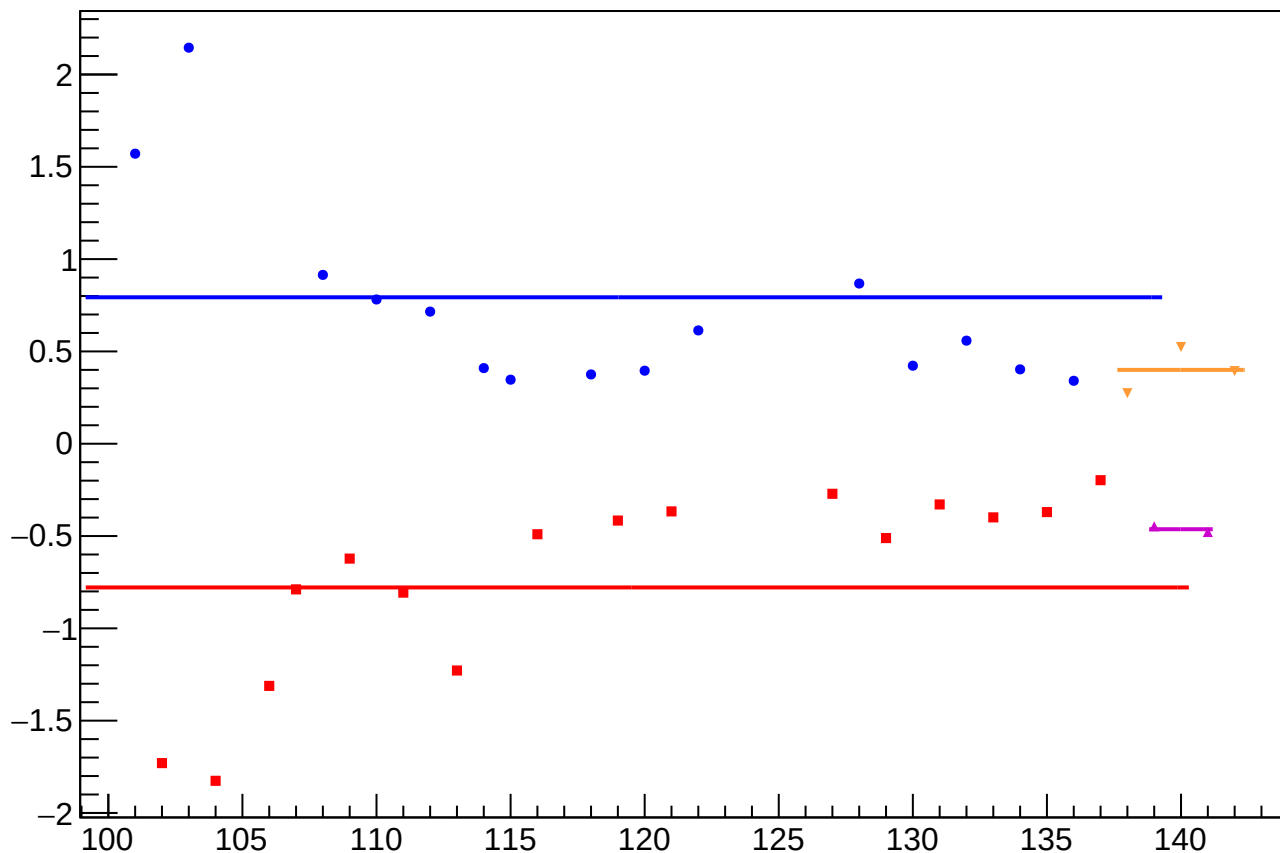
Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 3.334+/-0.000 χ^2/NDF : 351064126197672914950660907073536.0/2

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: 0.400 $\pm$ 0.000 χ^2 /NDF: 2502737594219745402712366252032.0/2

Right Out: -0.778 $\pm$ 0.000 χ^2 /NDF: 185814635772183306063903690063872.0/15

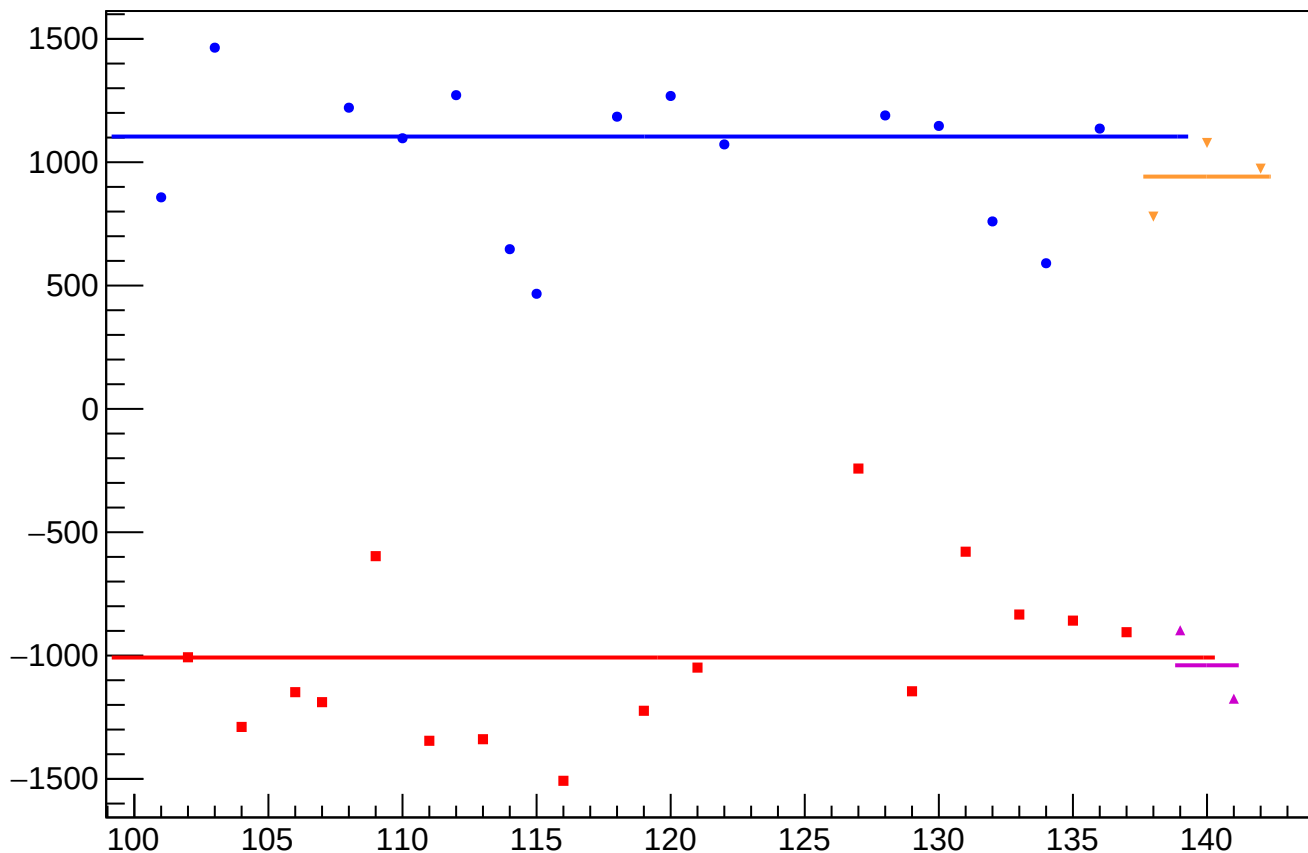
Left In: -0.463 $\pm$ 0.000 χ^2 /NDF: 40181759163162288389946867712.0/1

0.698 $\pm$ 0.000 χ^2 /NDF: 2222007077394583867

0.001 $\pm$ 0.000 χ^2 /NDF: 12649433683404

-0.716 $\pm$ 0.000 χ^2 /NDF: 199072438394120678

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



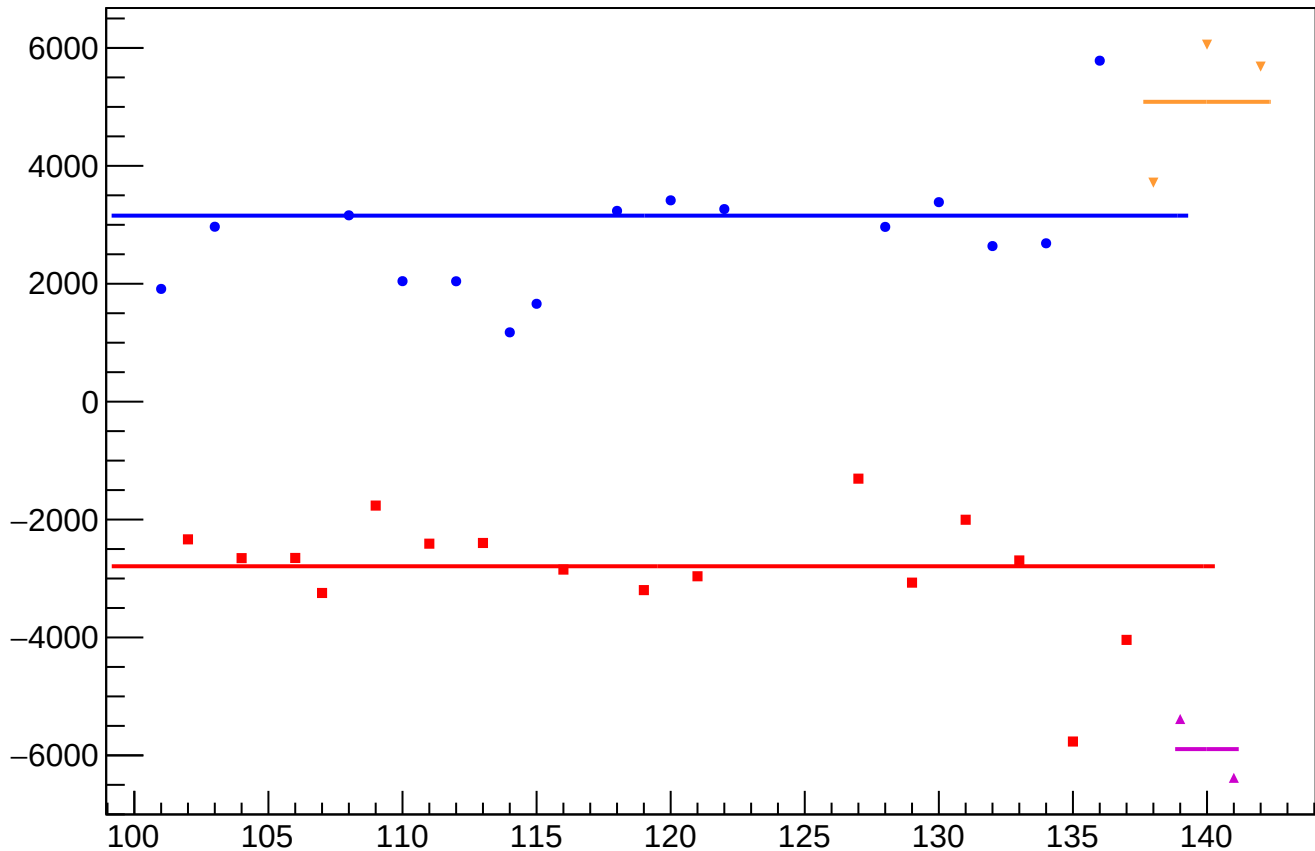
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

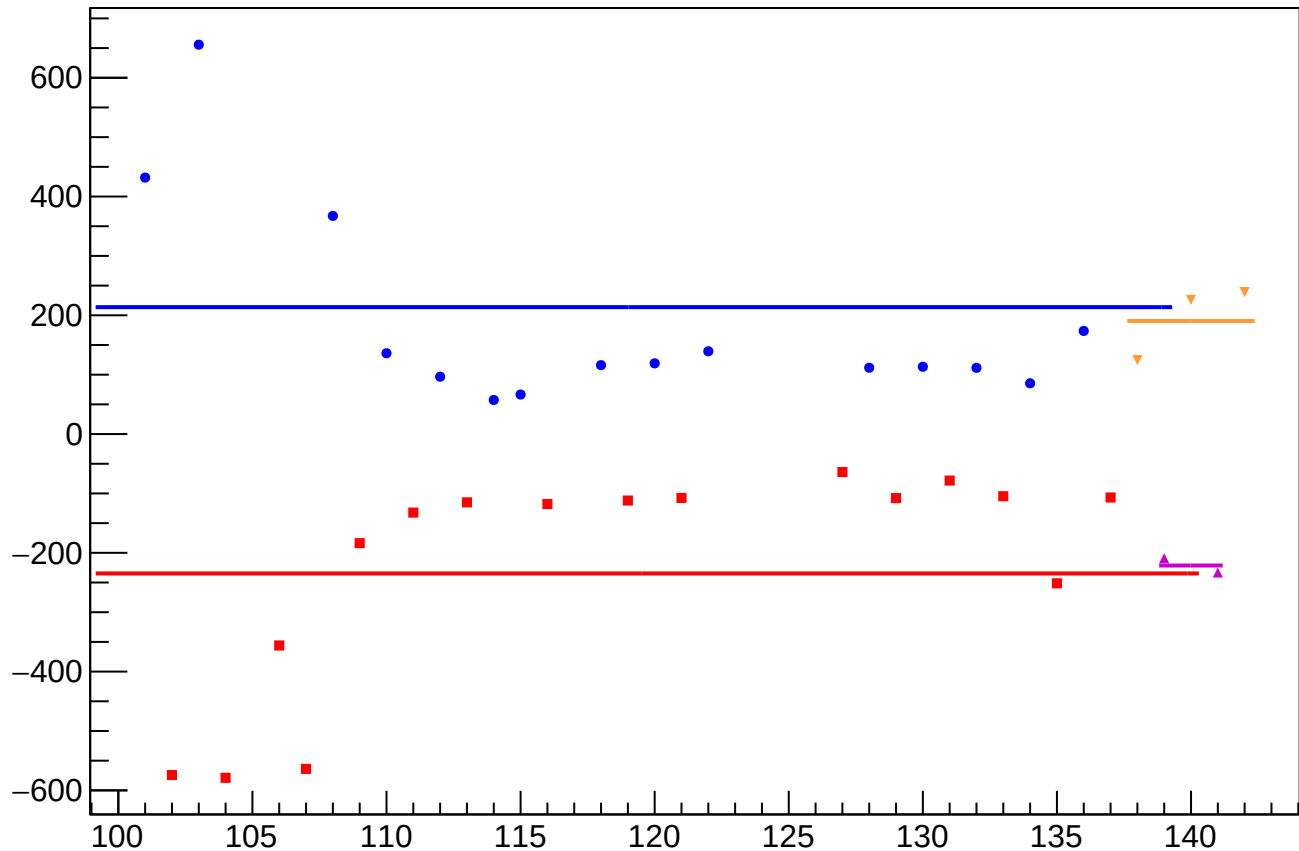
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 5086.285+/-0.000 χ^2/NDF : 240095693832794968776434255889208180736.0/2
 Right Out: -2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: -5893.739+/-0.000 χ^2/NDF : 41279890176155853748036617223136083968.0/1

dit_usl_coil3_err_mean vs Slug, Sign Corrected



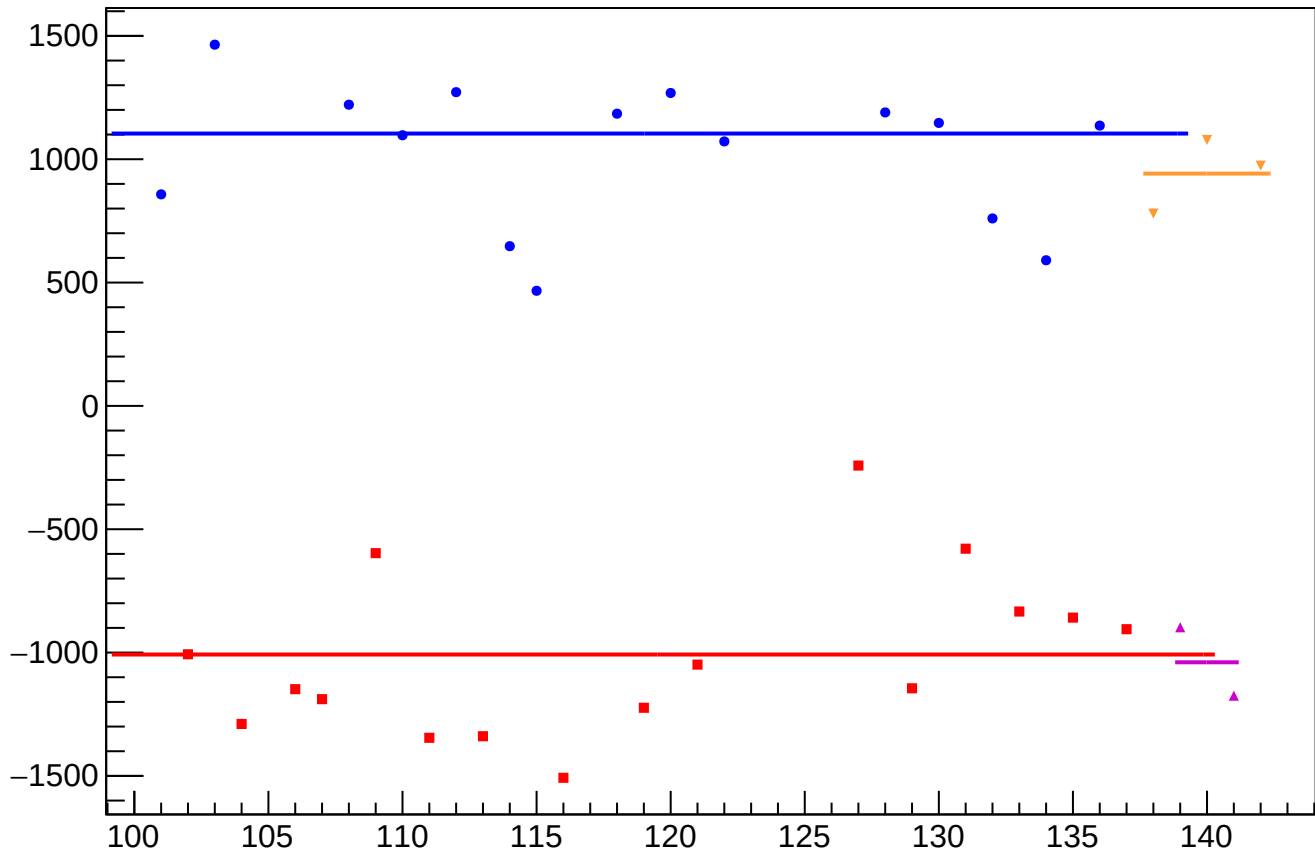
Right In: 213.739 +/- 0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

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



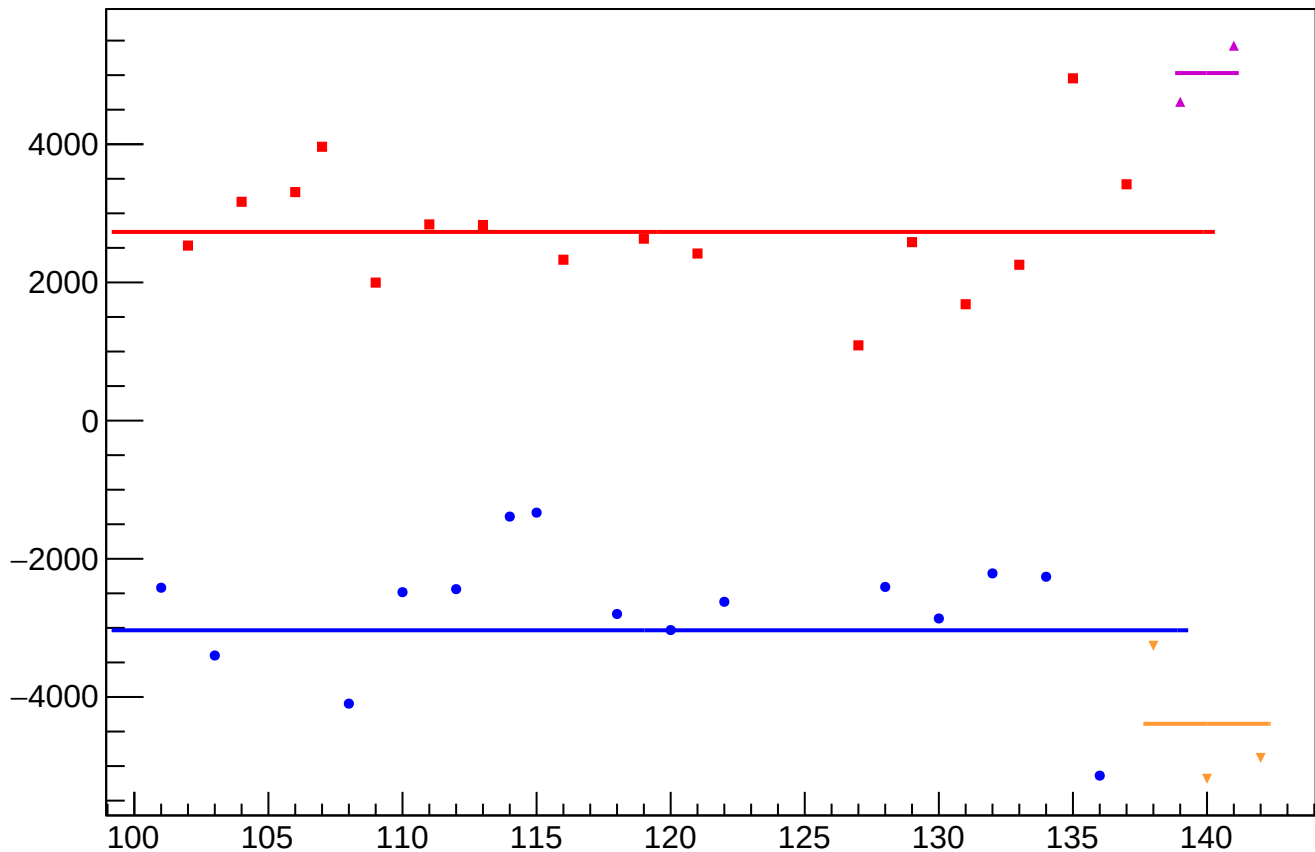
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

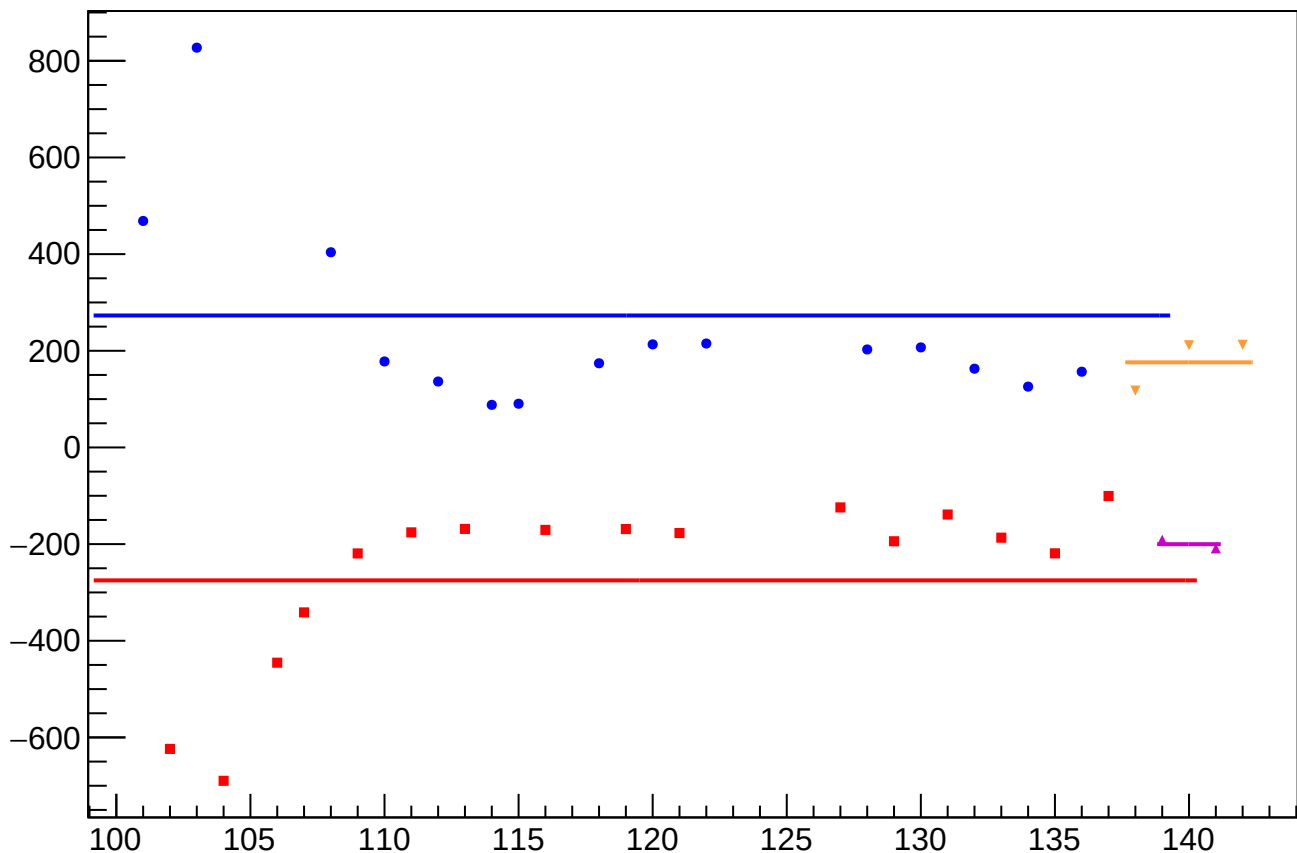
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: -3034.527 +/- 0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -4387.882 +/- 0.000 χ^2/NDF : 162617368667893287991967959619974725632.0/2
 Right Out: 2731.035 +/- 0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: 5030.238 +/- 0.000 χ^2/NDF : 27367462564676602822113266625144684544.0/1

dit_usr_coil3_err_mean vs Slug, Sign Corrected



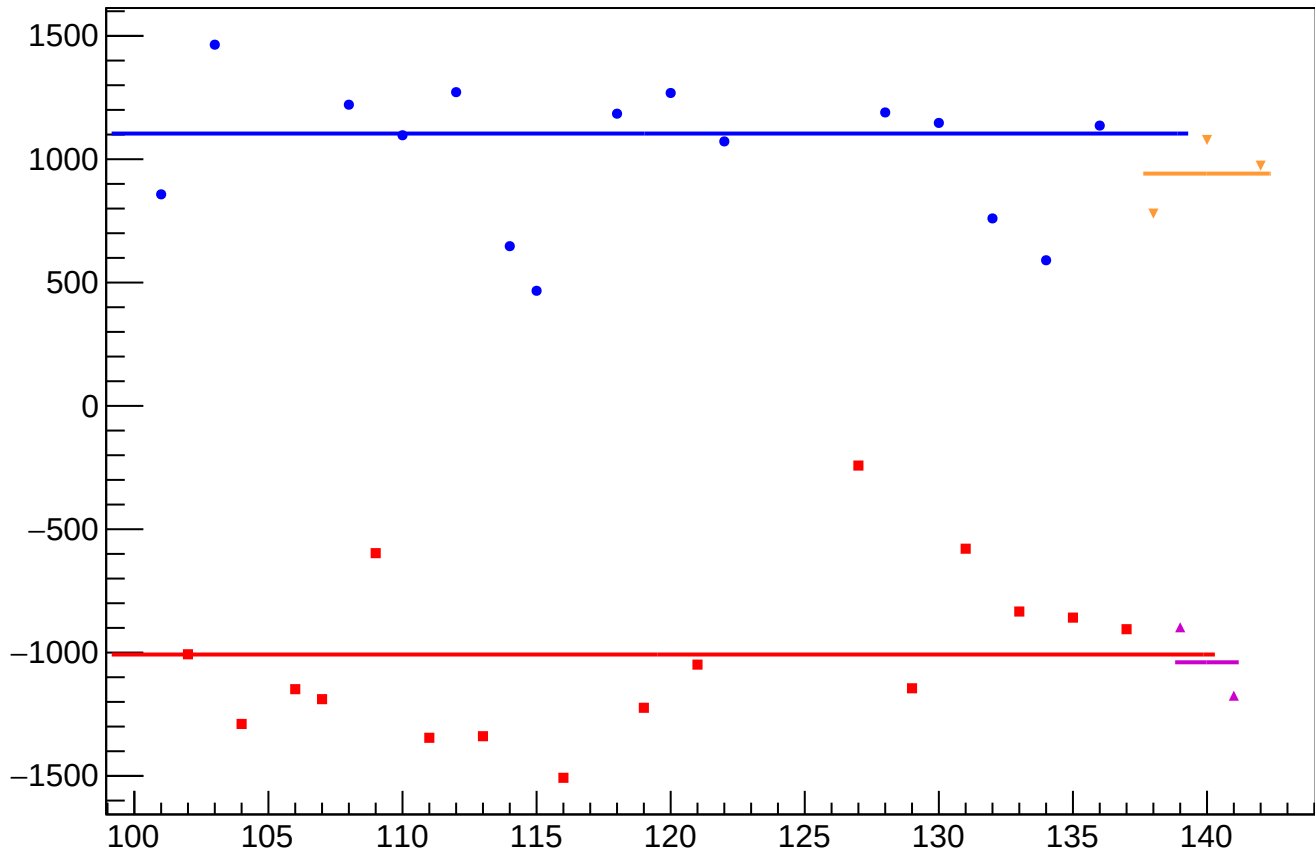
Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 176.113+/-0.000 χ^2/NDF : 430006107737068477338714276433494016.0/2

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



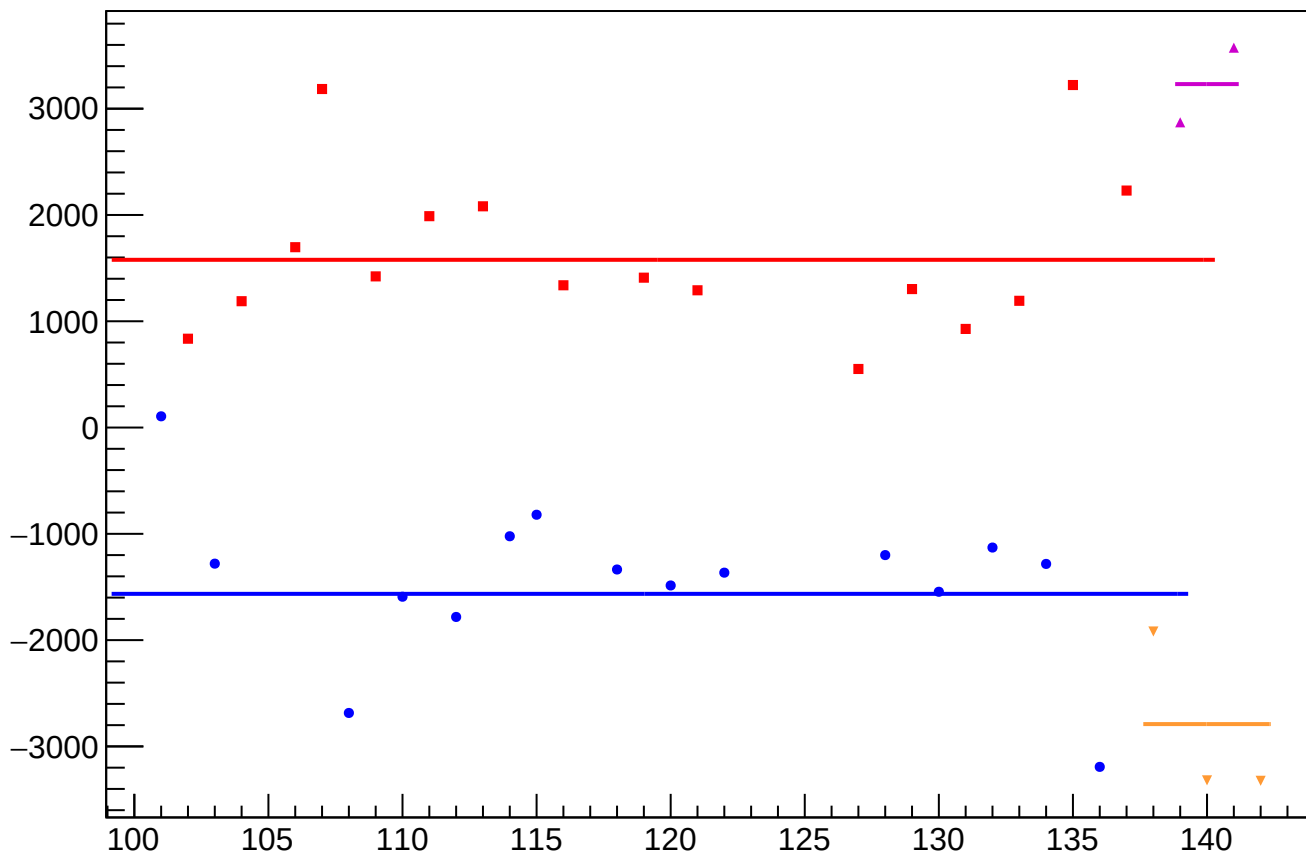
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

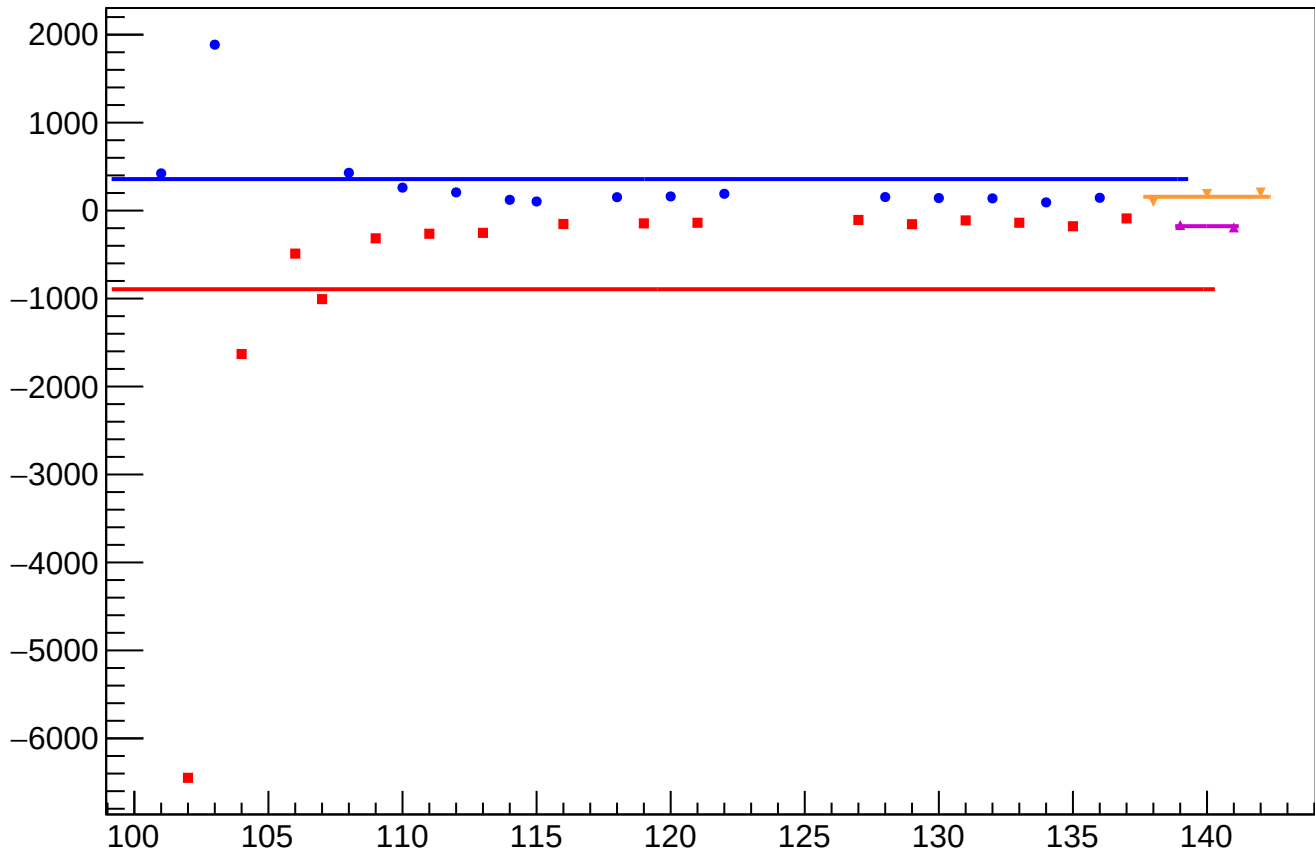
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: -1564.595 +/- 0.000 χ^2/NDF : 483874800978571042578975757029039144960.0/14
 Left Out: -2789.995 +/- 0.000 χ^2/NDF : 95276144182619782119570145921627848704.0/2
 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



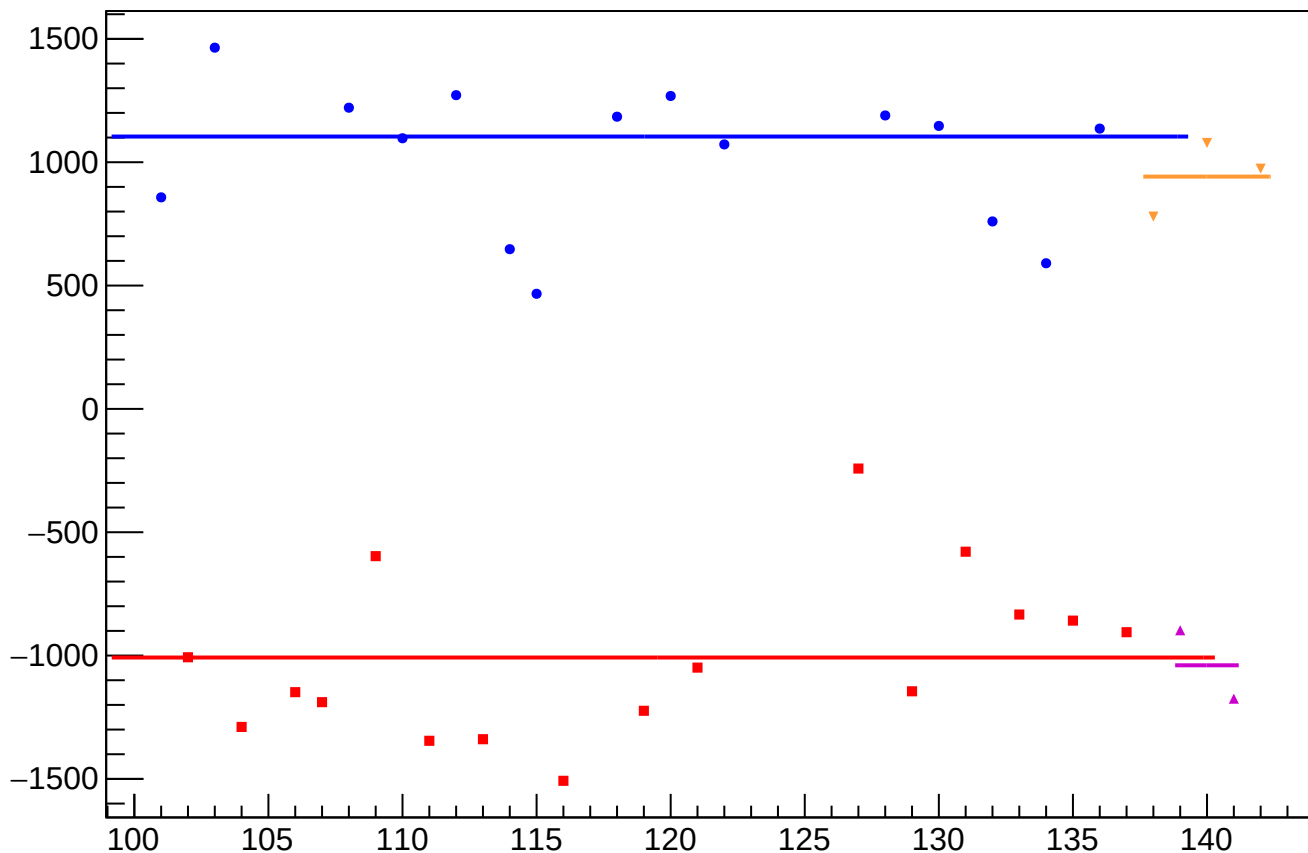
Right In: 358.080 $\pm$ 0.000 χ^2 /NDF: 157922789145697858165644452090202816512.0/14

Left Out: 157.250 $\pm$ 0.000 χ^2 /NDF: 461858125383159029720248711607484416.0/2

Right Out: -893.897 $\pm$ 0.000 χ^2 /NDF: 2075920155774201043572695656797803905024.0/15

Left In: -177.230 $\pm$ 0.000 χ^2 /NDF: 31273982798588267061885750063661056.0/1

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



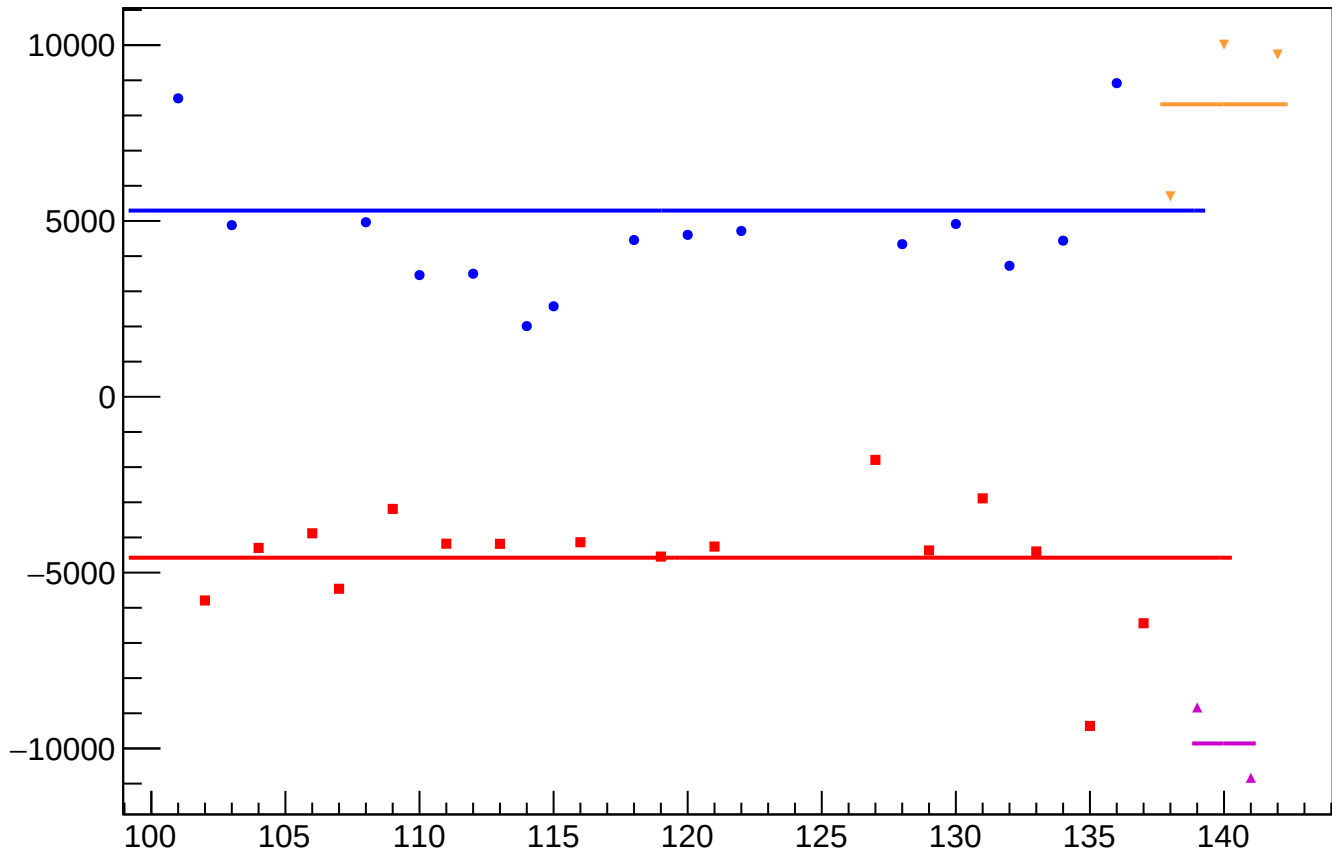
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

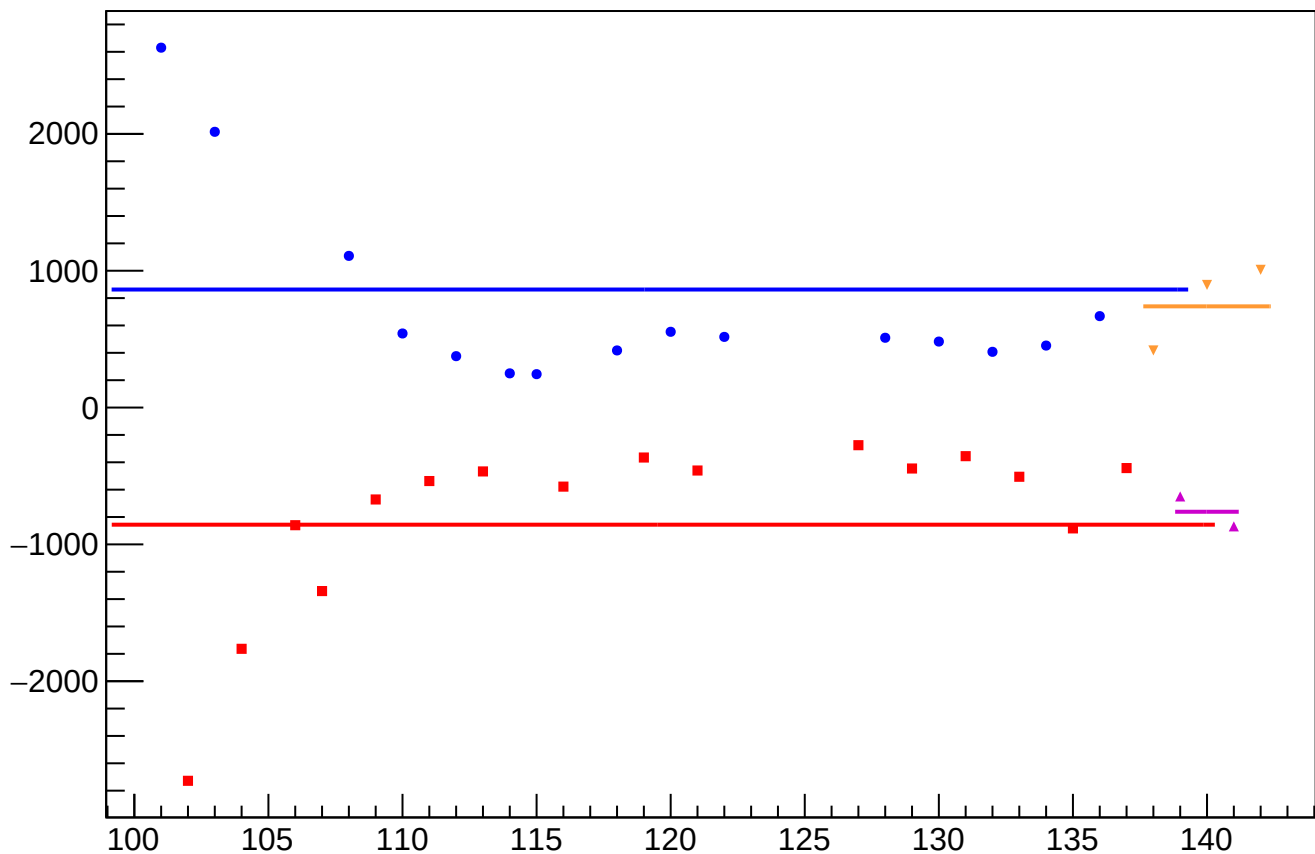
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 5295.485 $\pm$ 0.000 χ^2 /NDF: 2505645232968263275444048016093183213568.0/14
 Left Out: 8317.339 $\pm$ 0.000 χ^2 /NDF: 861894305811283142202418075029576089600.0/2
 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



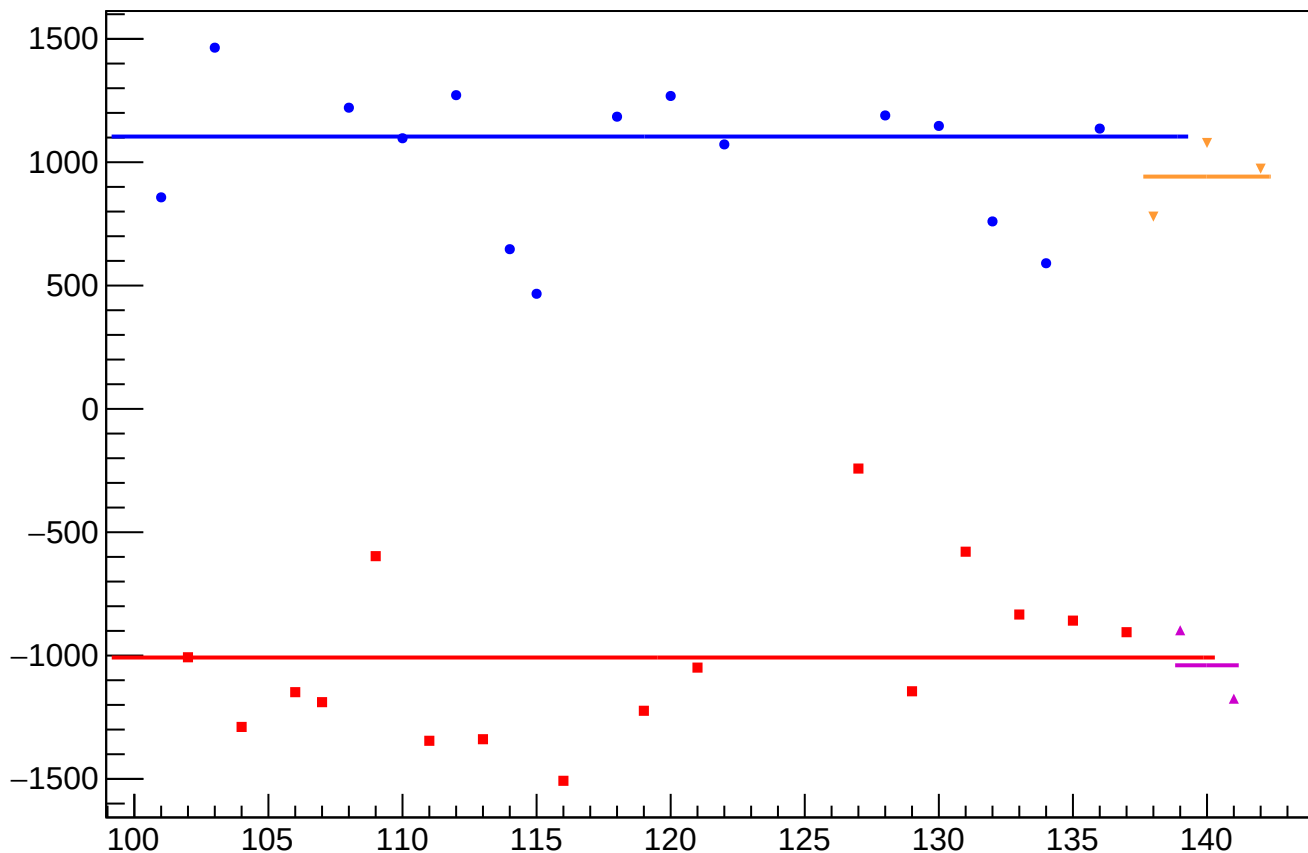
Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 739.661+/-0.000 χ^2/NDF : 13387904841668067085647111288814305280.0/2

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



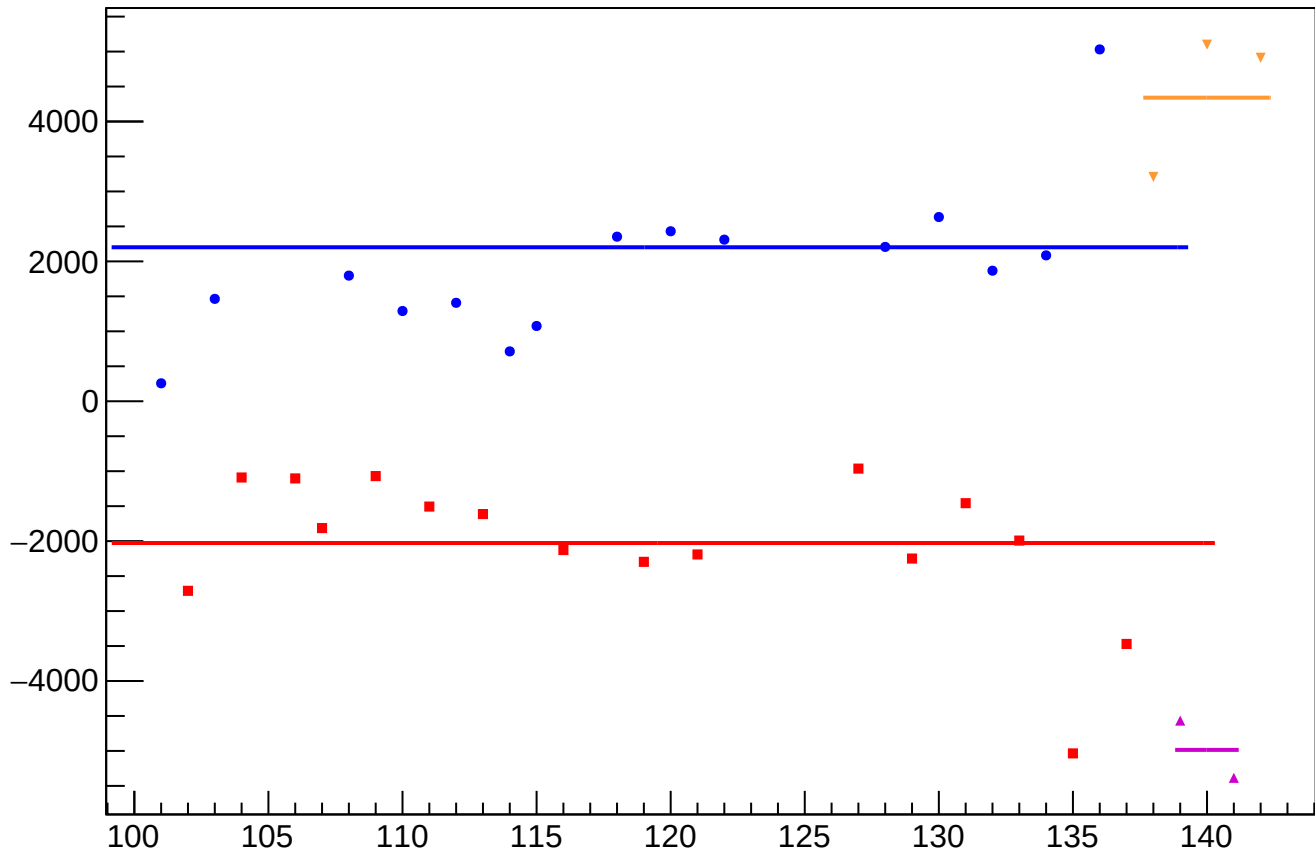
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

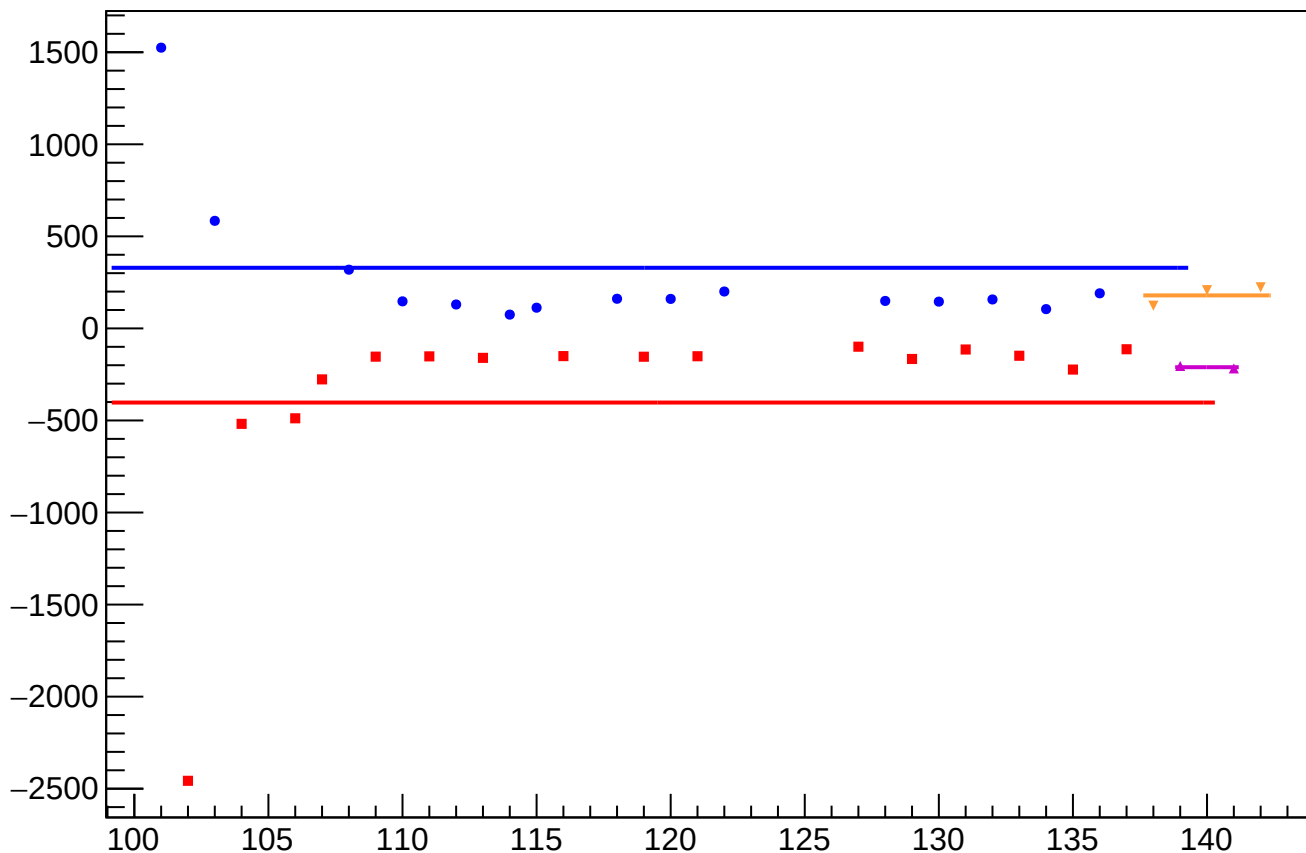
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 2201.844+/-0.000 χ^2/NDF : 1086544775216266395419904724422998622208.0/14
 Left Out: 4340.926+/-0.000 χ^2/NDF : 162224506958150251120457240419751690240.0/2
 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



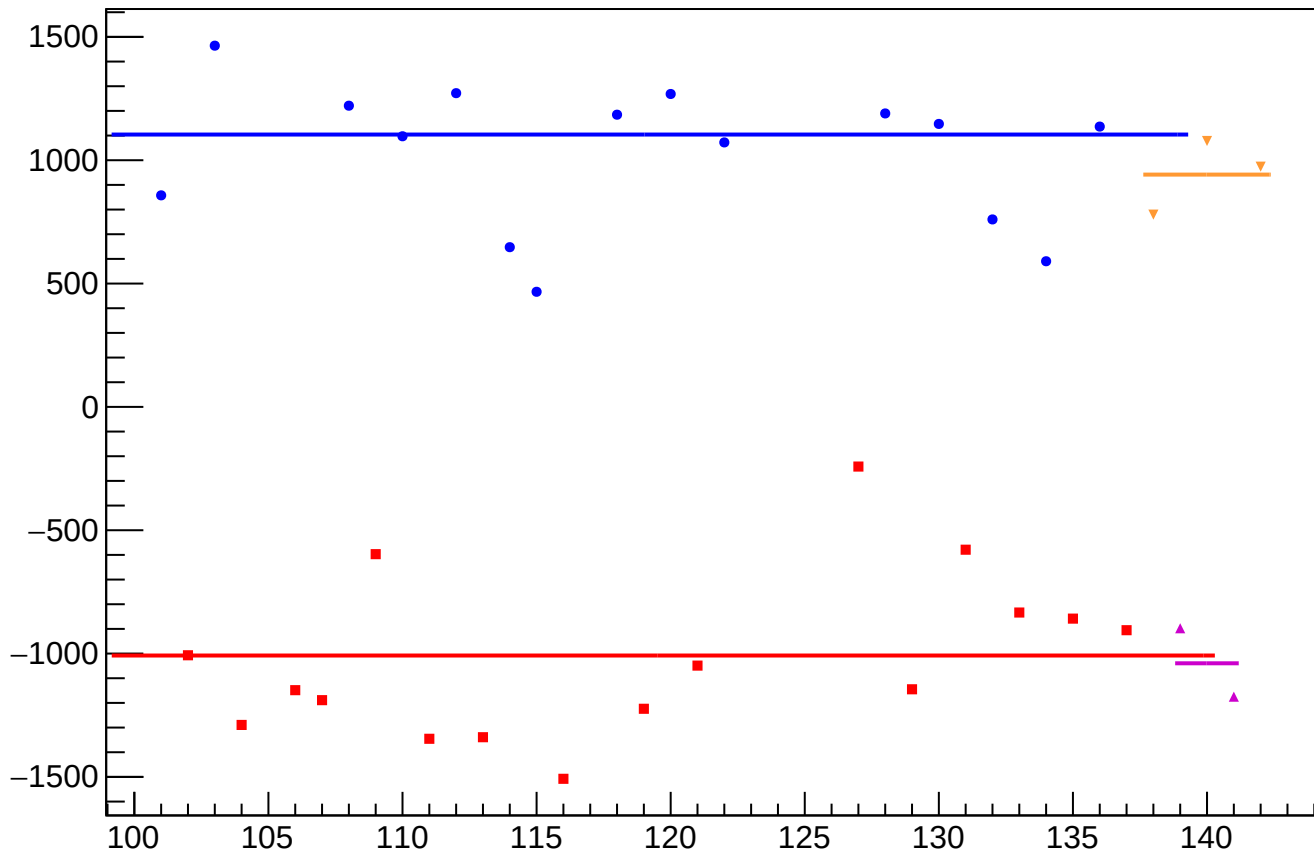
Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

Left Out: 179.227+/-0.000 χ^2/NDF : 398677046531739696765563014244990976.0/2

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



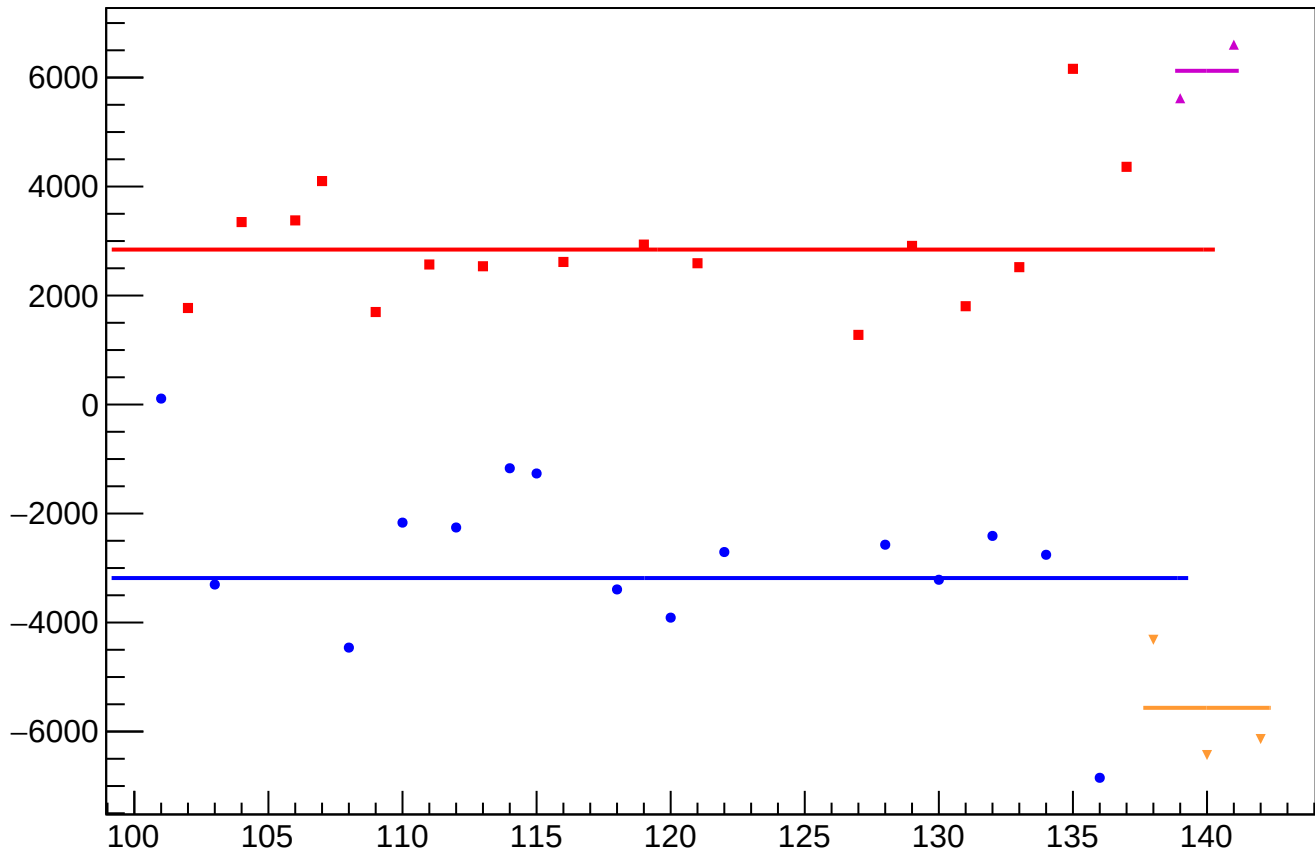
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

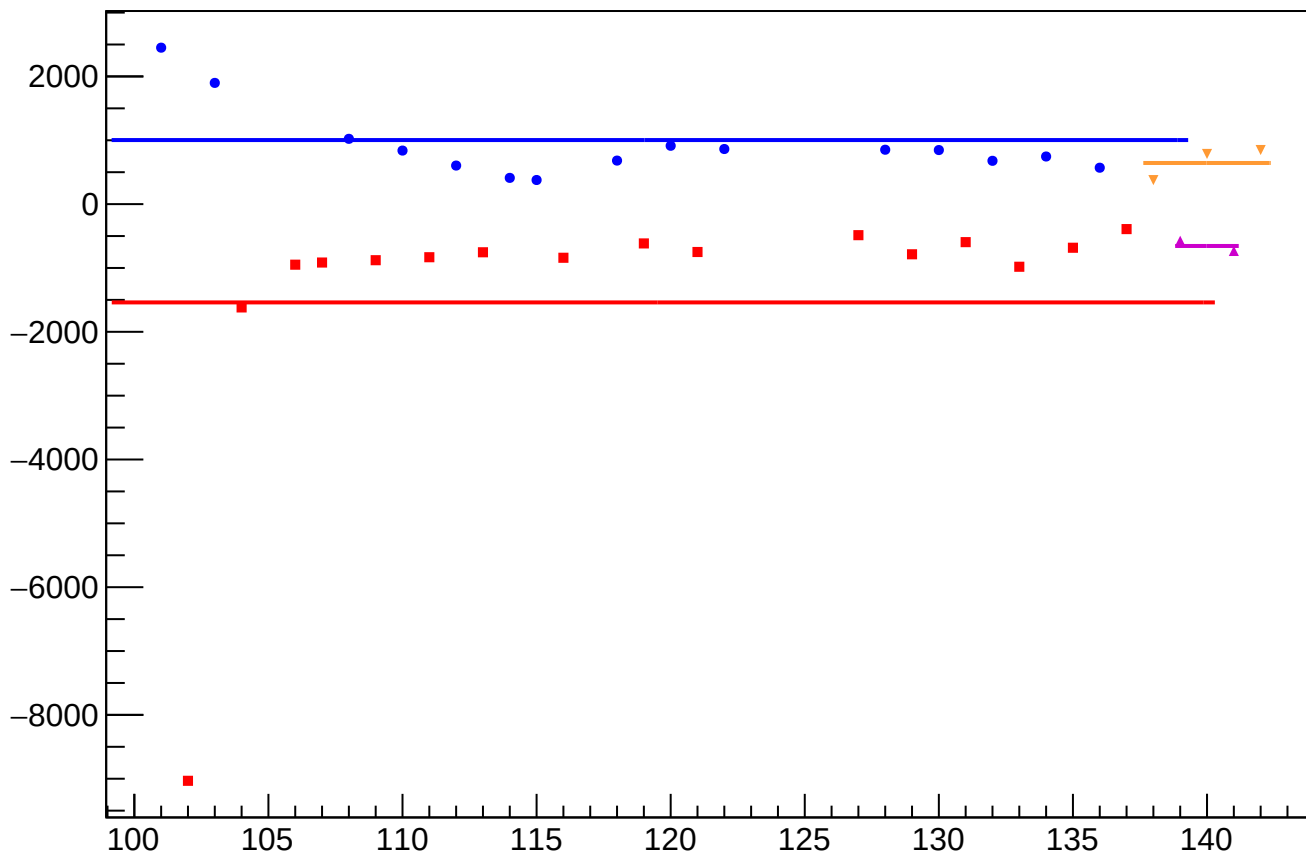
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: -3183.928 +/- 0.000 χ^2/NDF : 2134923281384422537296044119642733543424.0/14
 Left Out: -5565.214 +/- 0.000 χ^2/NDF : 198259574731587080664308541294204944384.0/2
 Right Out: 2843.597 +/- 0.000 χ^2/NDF : 947077611563723244705531091944015396864.0/15
 Left In: 6123.663 +/- 0.000 χ^2/NDF : 40063838175302893345000039512895651840.0/1

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



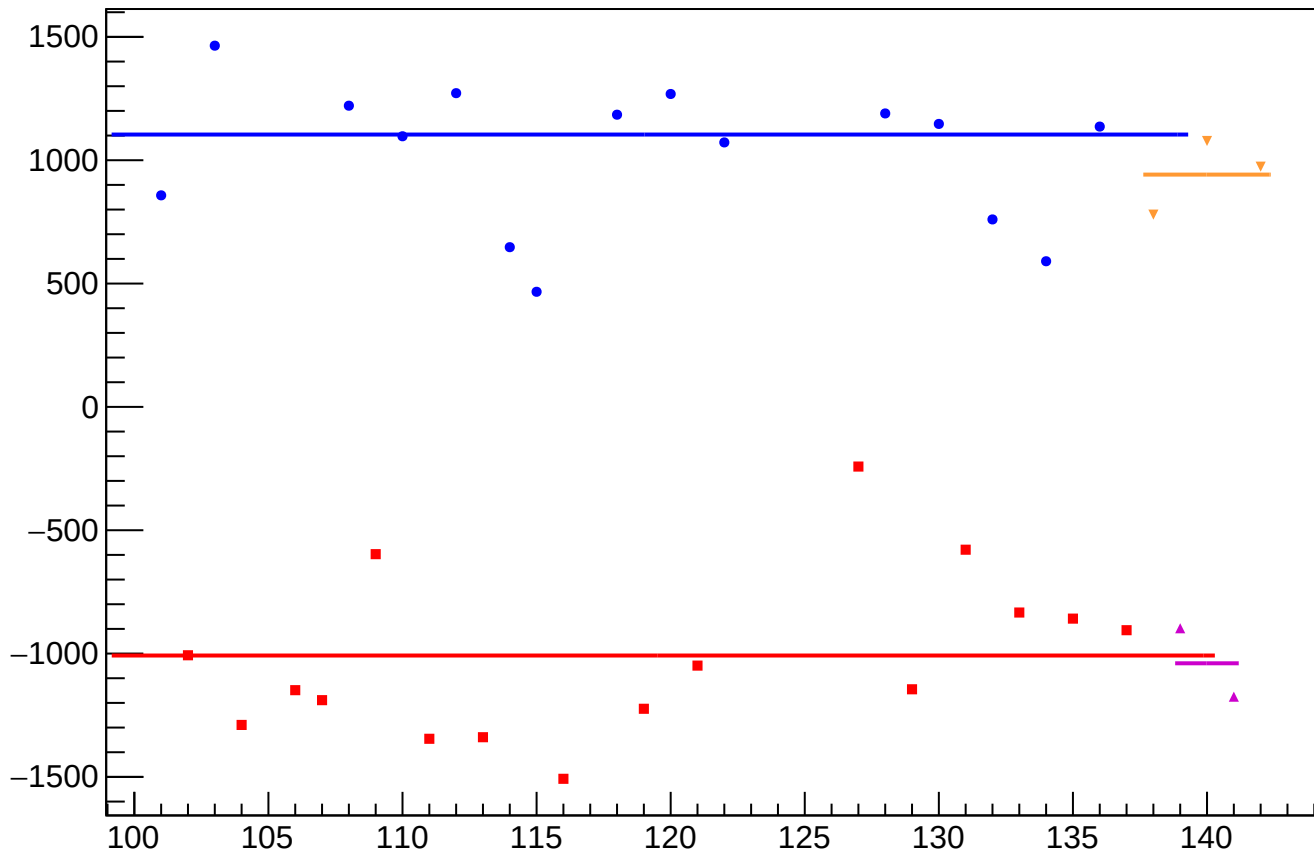
Right In: 1003.407 +/- 0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

Left Out: 644.412 +/- 0.000 χ^2/NDF : 9147781901056893552970812805986910208.0/2

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



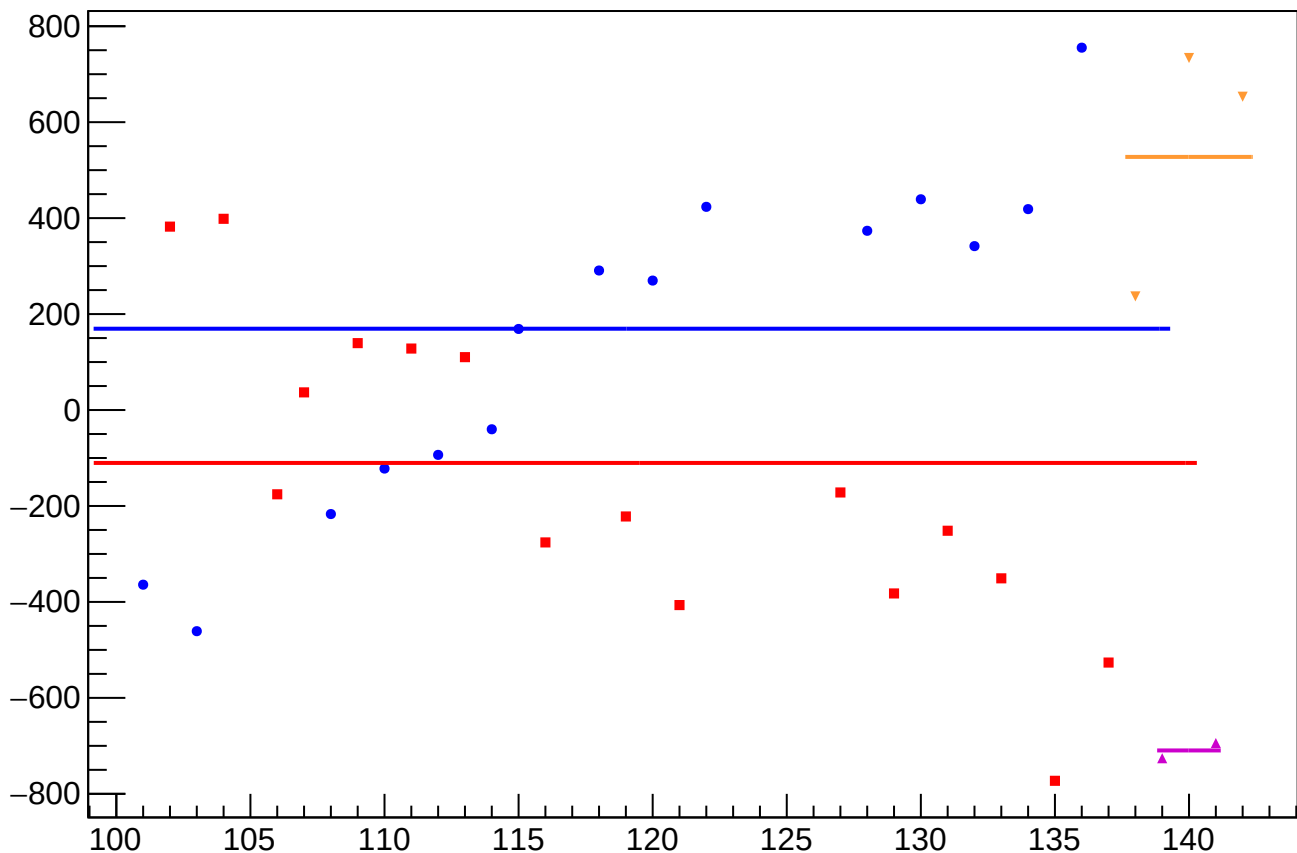
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 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_sam1_coil3_mean vs Slug, Sign Corrected



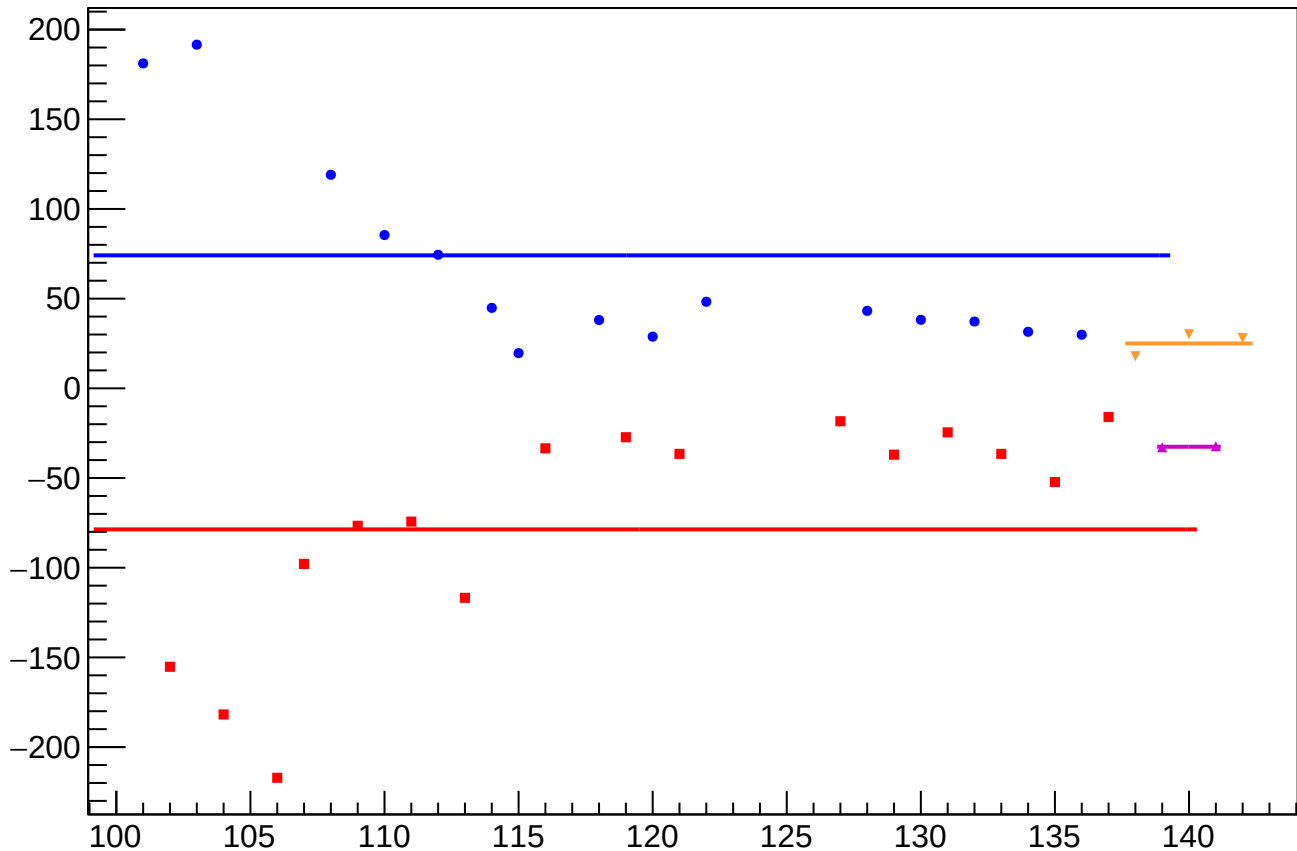
Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 527.589+/-0.000 χ^2/NDF : 10804325421628805168396003824570990592.0/2

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



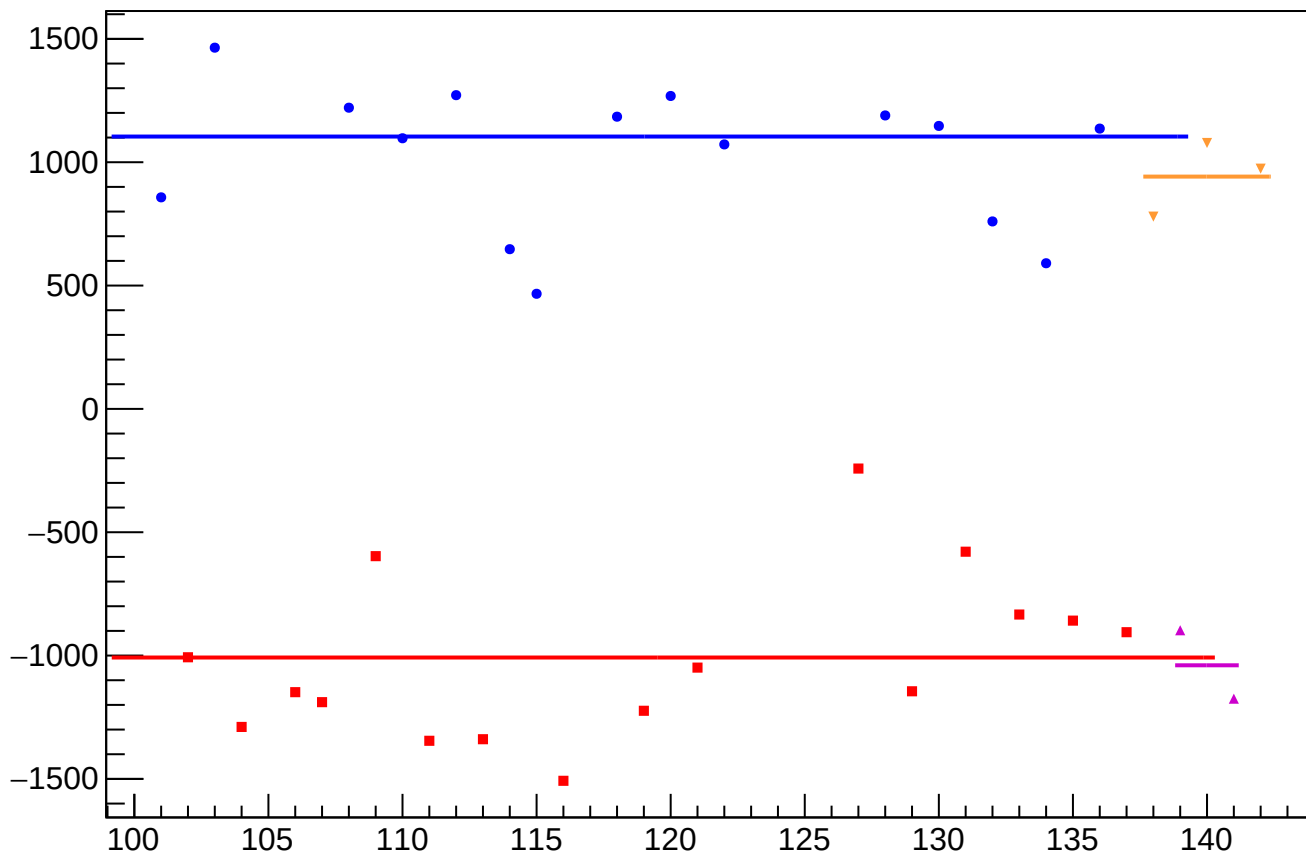
Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 25.030+/-0.000 χ^2/NDF : 6532897876013368071612421719982080.0/2

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



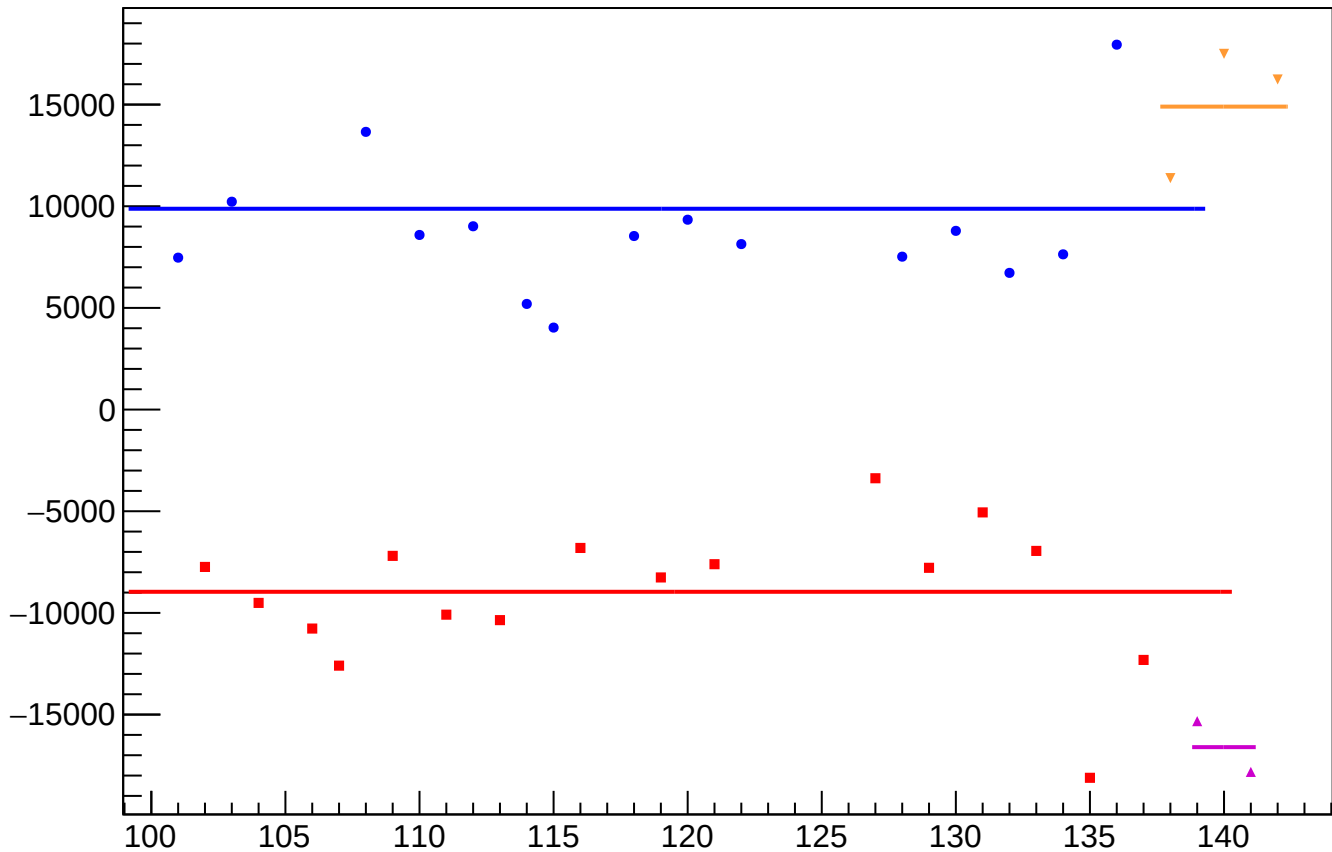
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

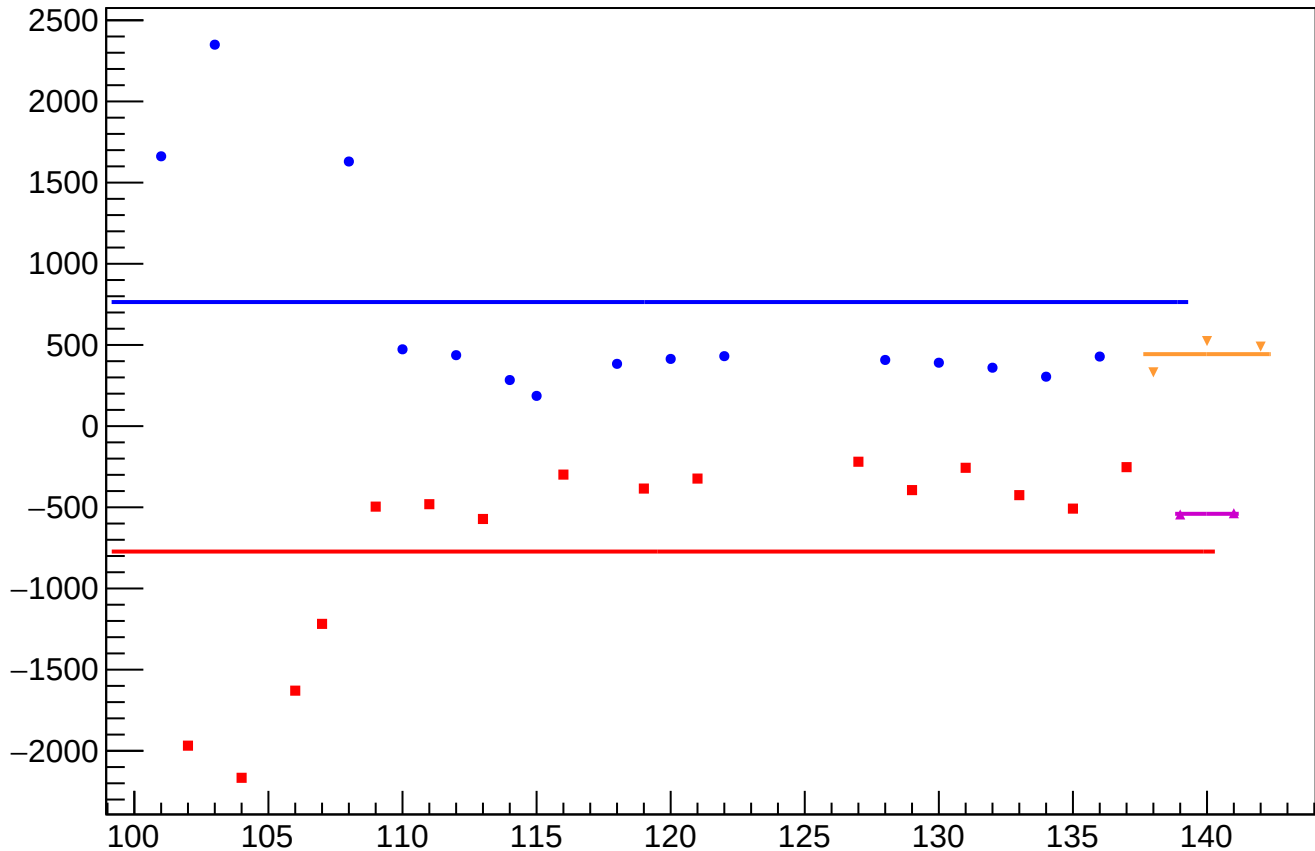
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 9876.530 +/- 0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 14899.648 +/- 0.000 χ^2/NDF : 1598837265301568135246032791957185495040.0/2
 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



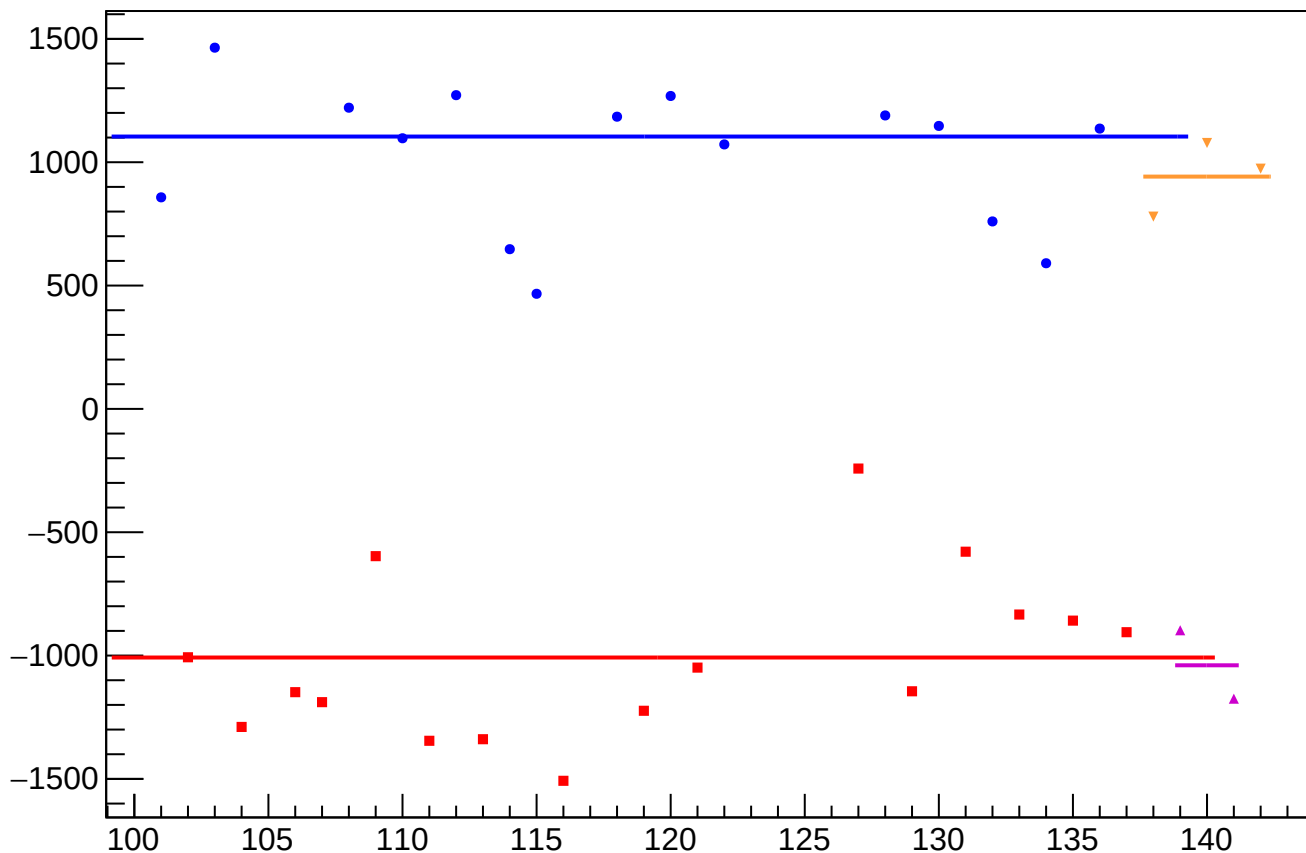
Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 443.446+/-0.000 χ^2/NDF : 1611415127737387276195949673642459136.0/2

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



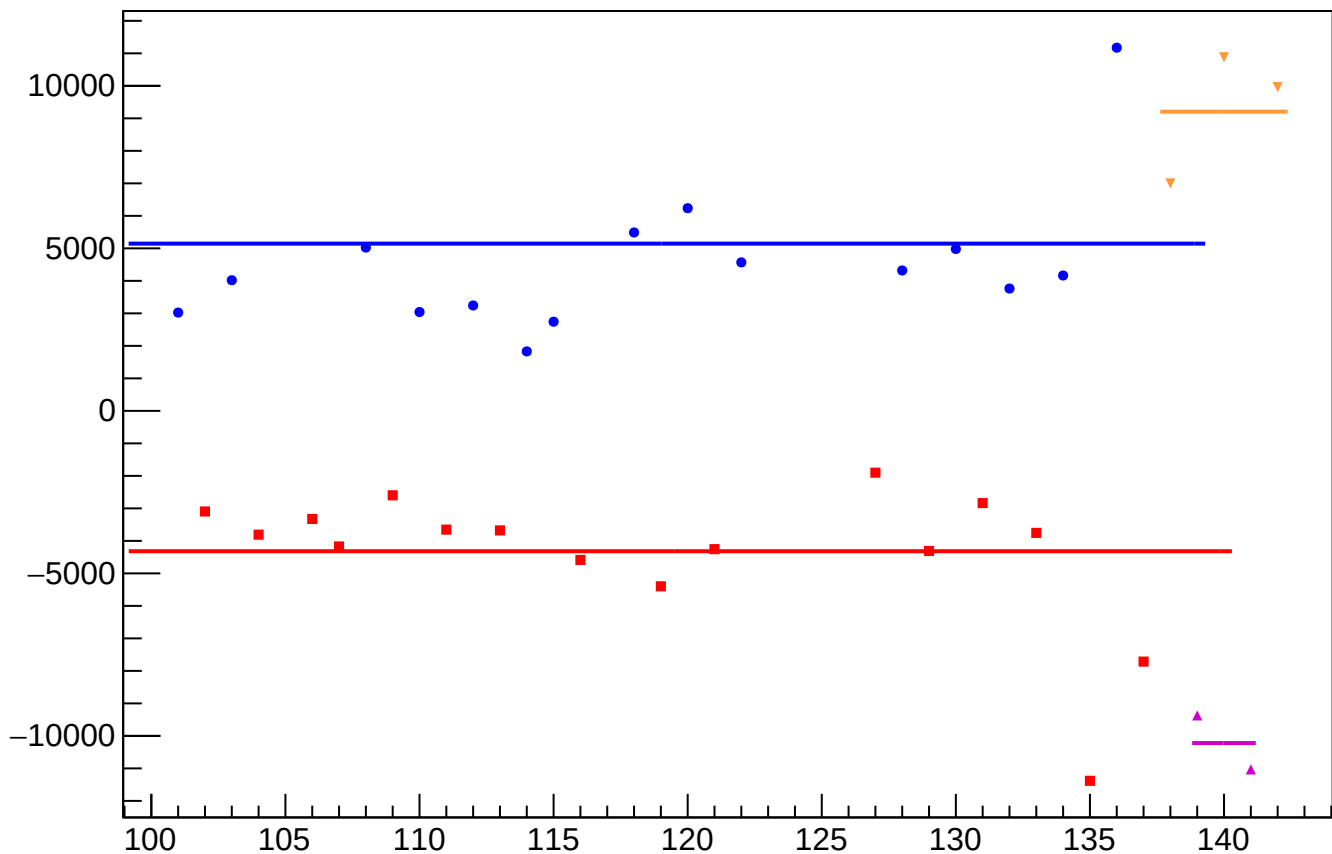
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

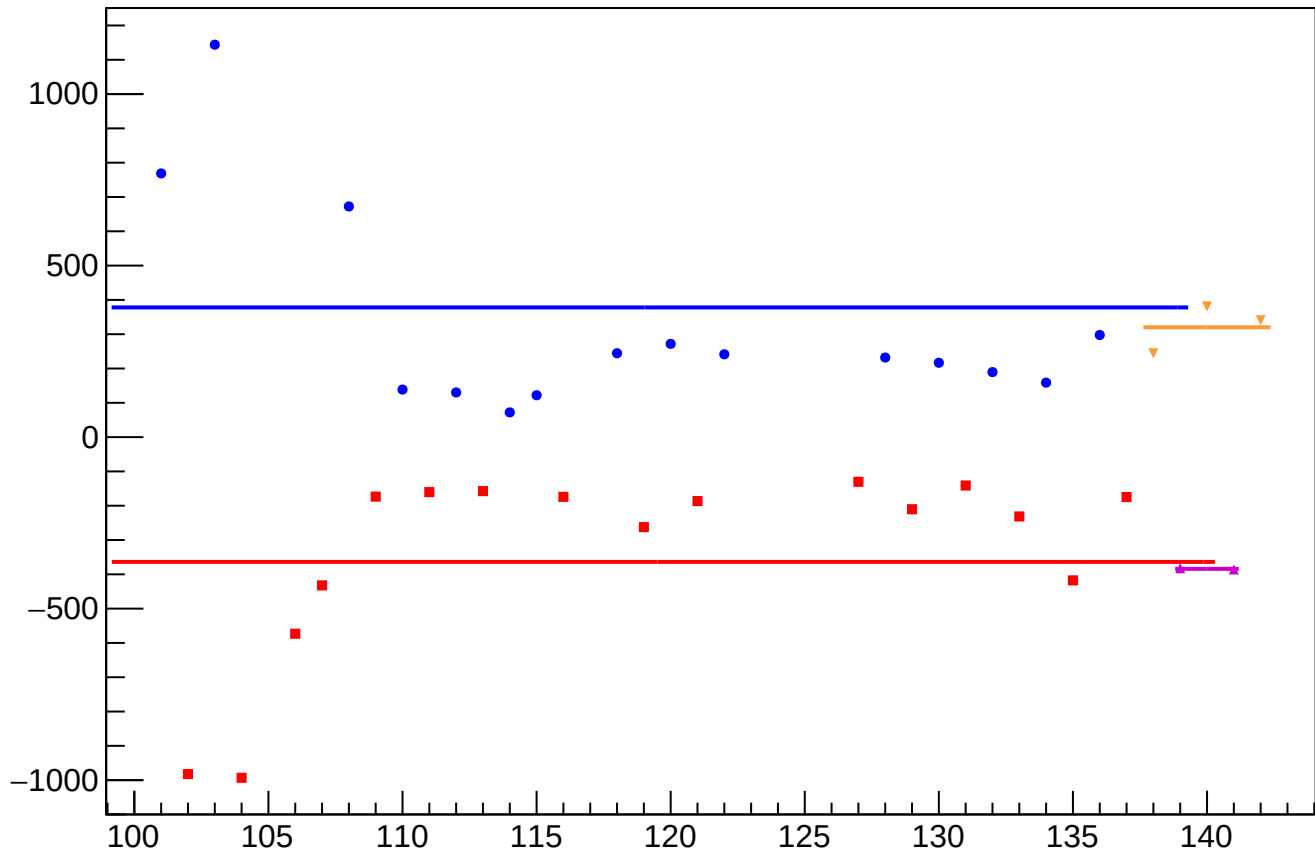
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 5145.657 $\pm$ 0.000 χ^2 /NDF: 4272867262459372237810540195851662262272.0/14
 Left Out: 9205.742 $\pm$ 0.000 χ^2 /NDF: 635523067052996242615675726904694931456.0/2
 Right Out: -4318.126 $\pm$ 0.000 χ^2 /NDF: 3345176554564755427312533888908526616576.0/15
 Left In: -10220.171 $\pm$ 0.000 χ^2 /NDF: 114445354978394543399266070218781229056.0/1

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



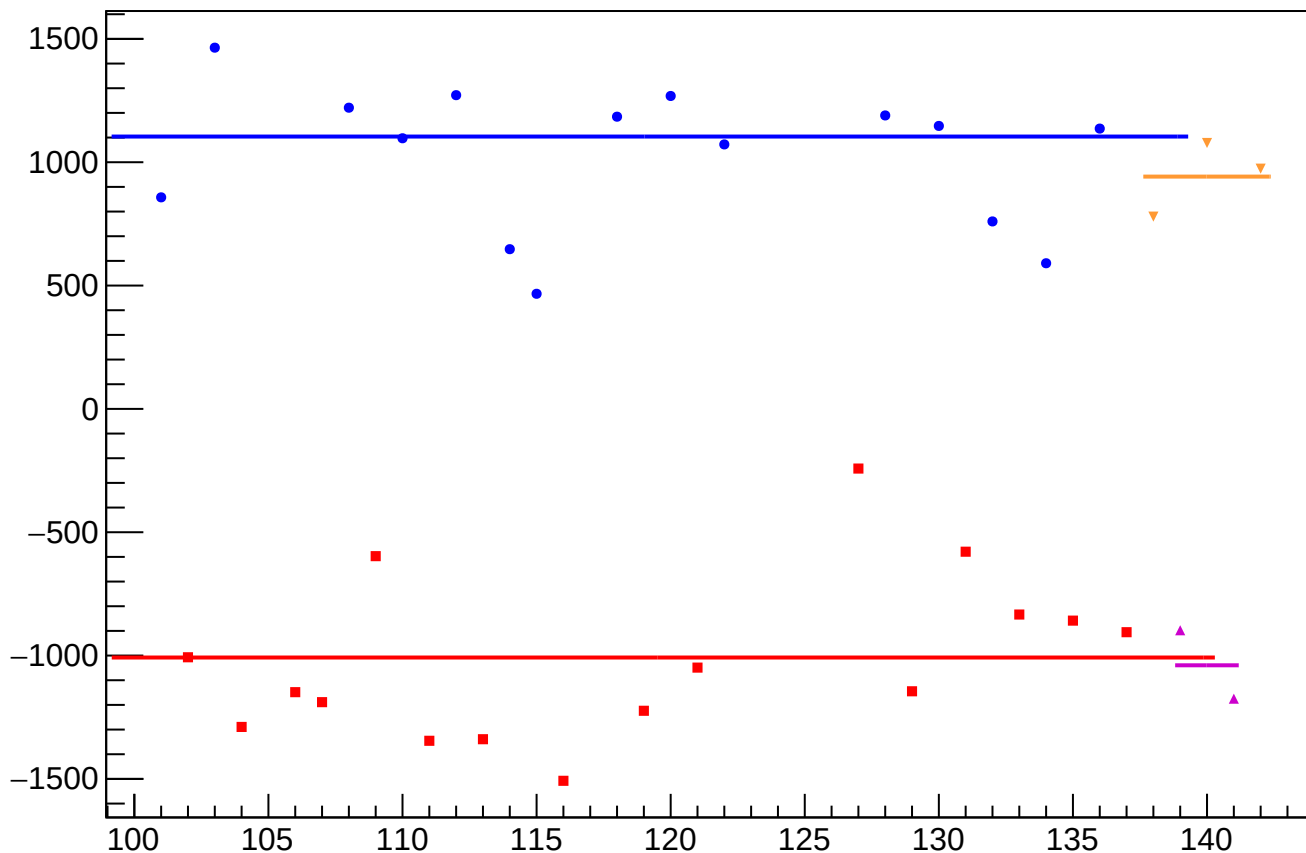
Right In: 378.052+/-0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 320.210+/-0.000 χ^2/NDF : 768719328489346429303399951804399616.0/2

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



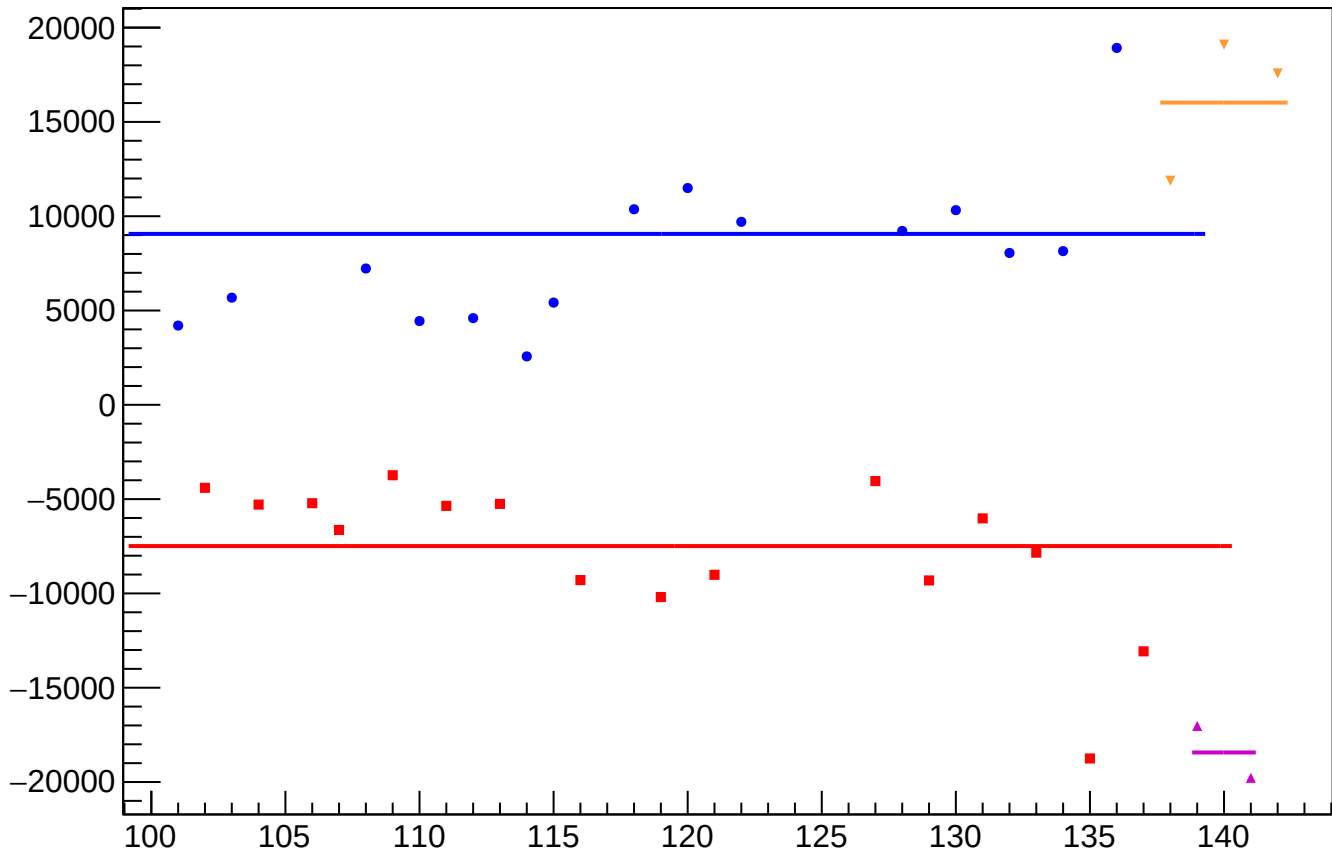
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

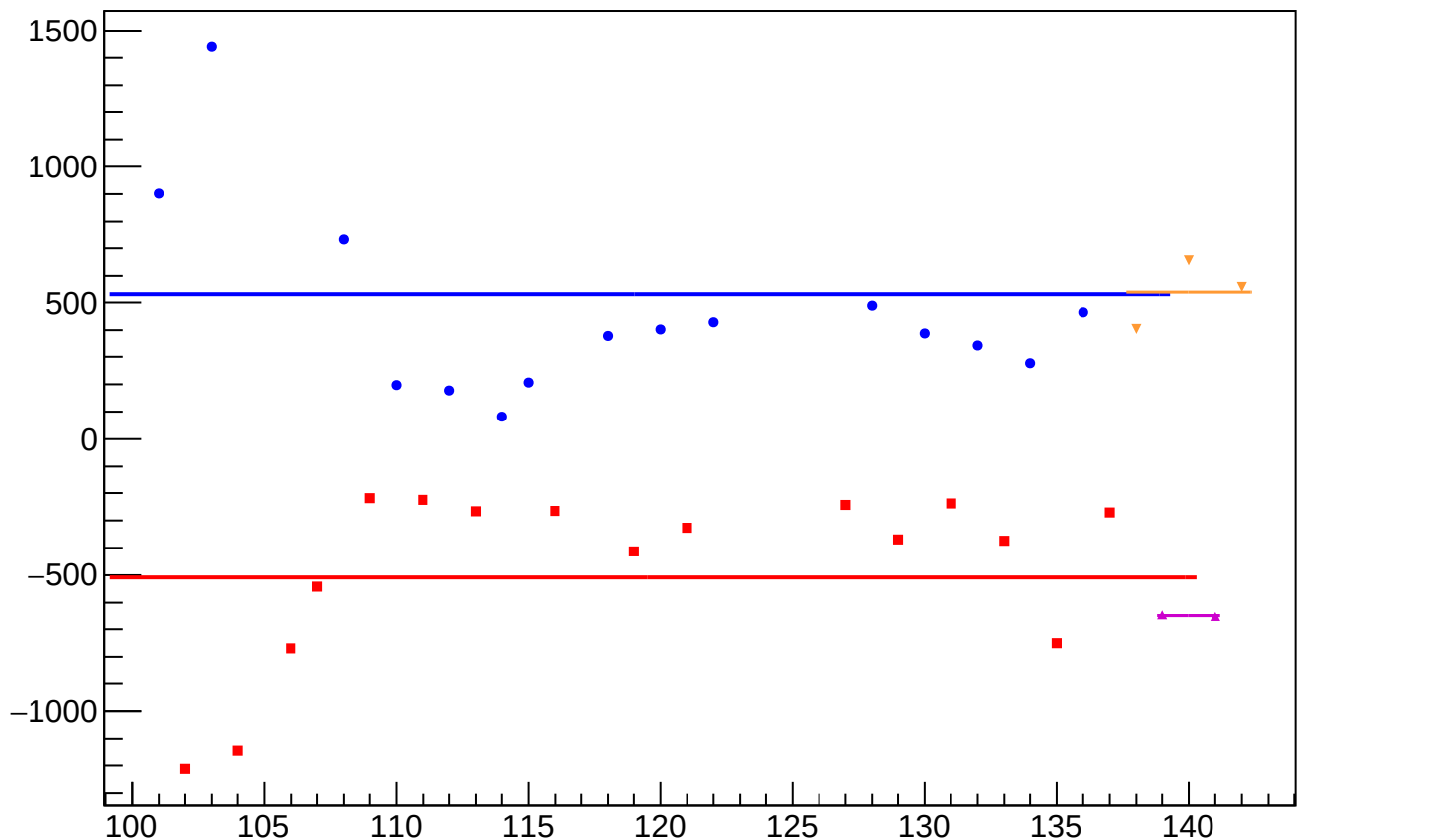
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 16025.174+/-0.000 χ^2/NDF : 2221072988954591417815716778777895763968.0/2
 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



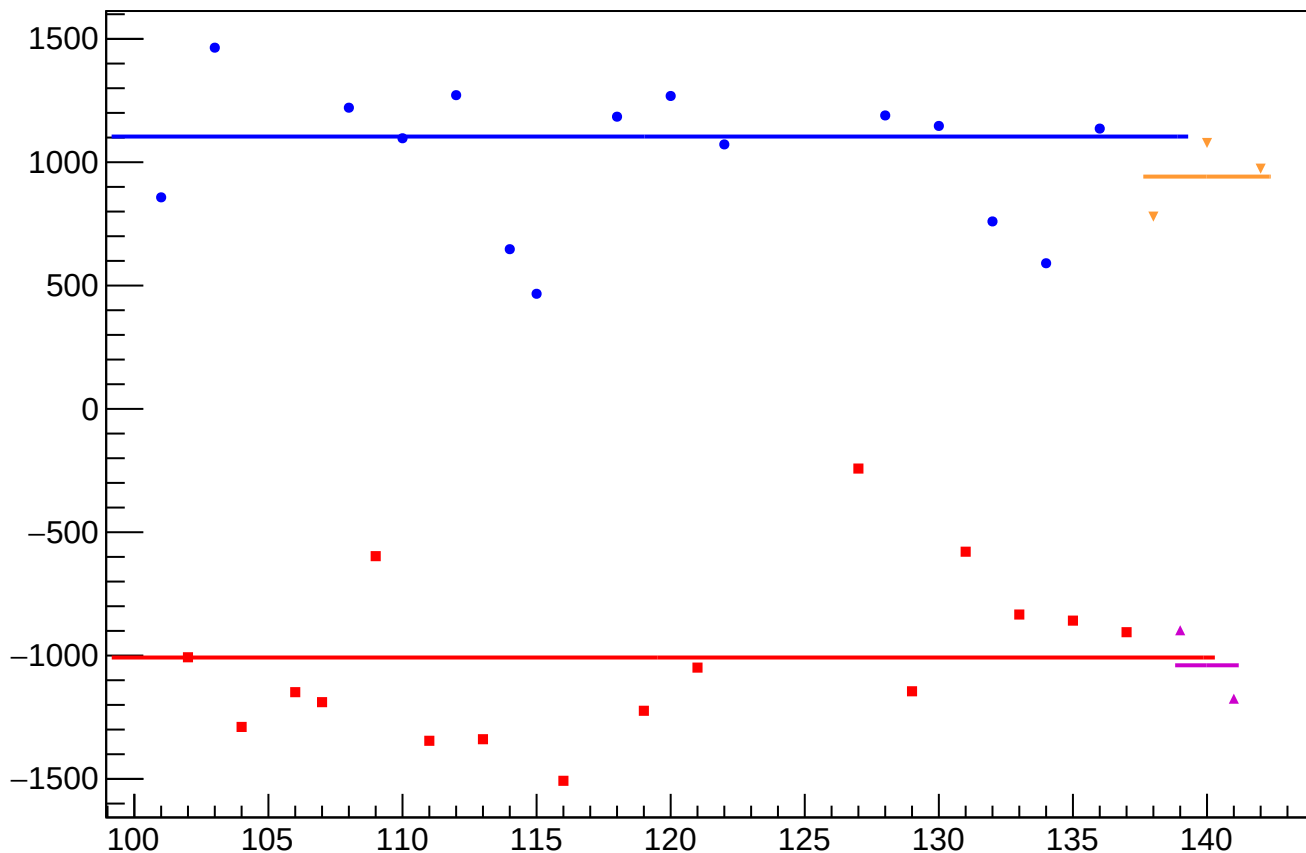
Right In: 530.057 +/- 0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 539.419 +/- 0.000 χ^2/NDF : 2560948159690331401777636173961756672.0/2

Right Out: -507.987 +/- 0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

Left In: -648.863 +/- 0.000 χ^2/NDF : 1464306253366455863128214678274048.0/1

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



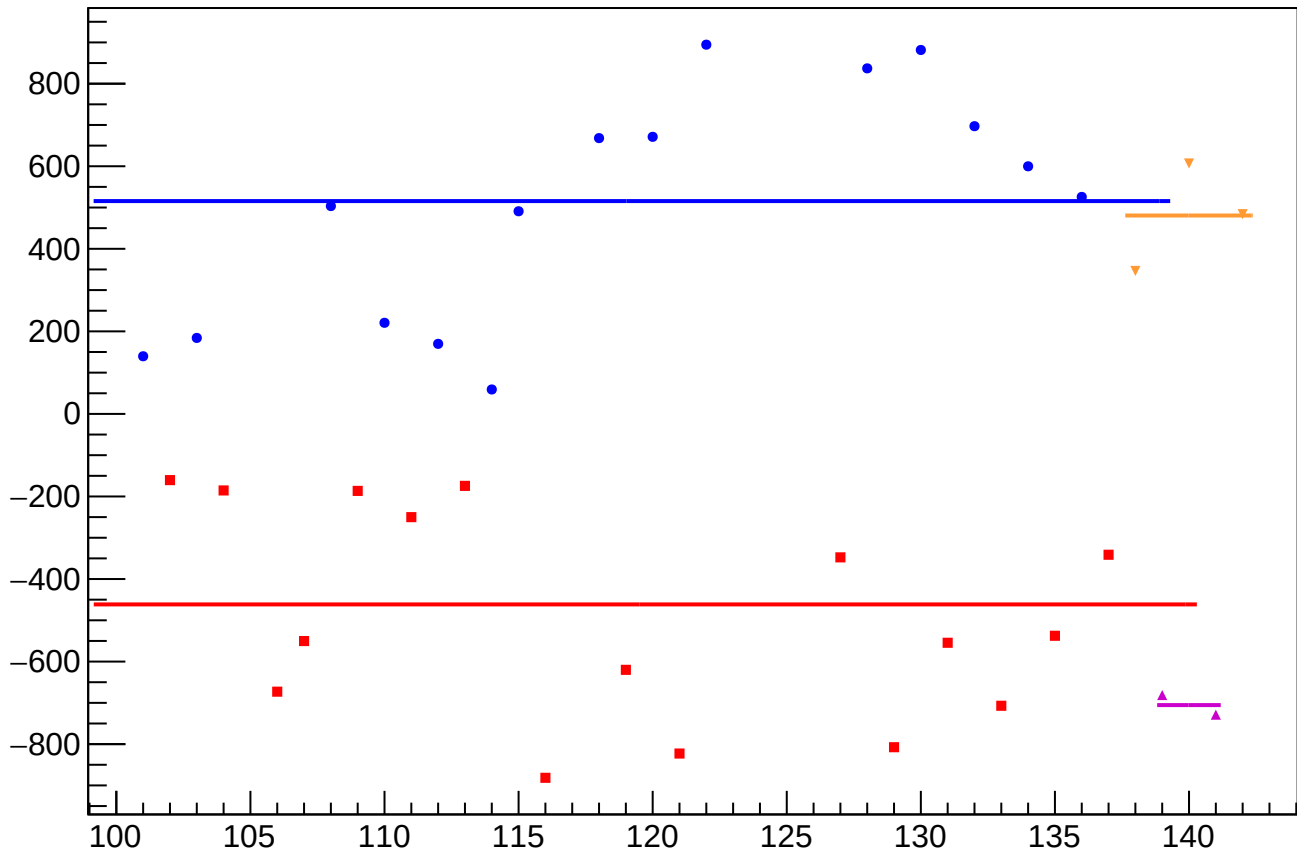
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 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_sam5_coil3_mean vs Slug, Sign Corrected



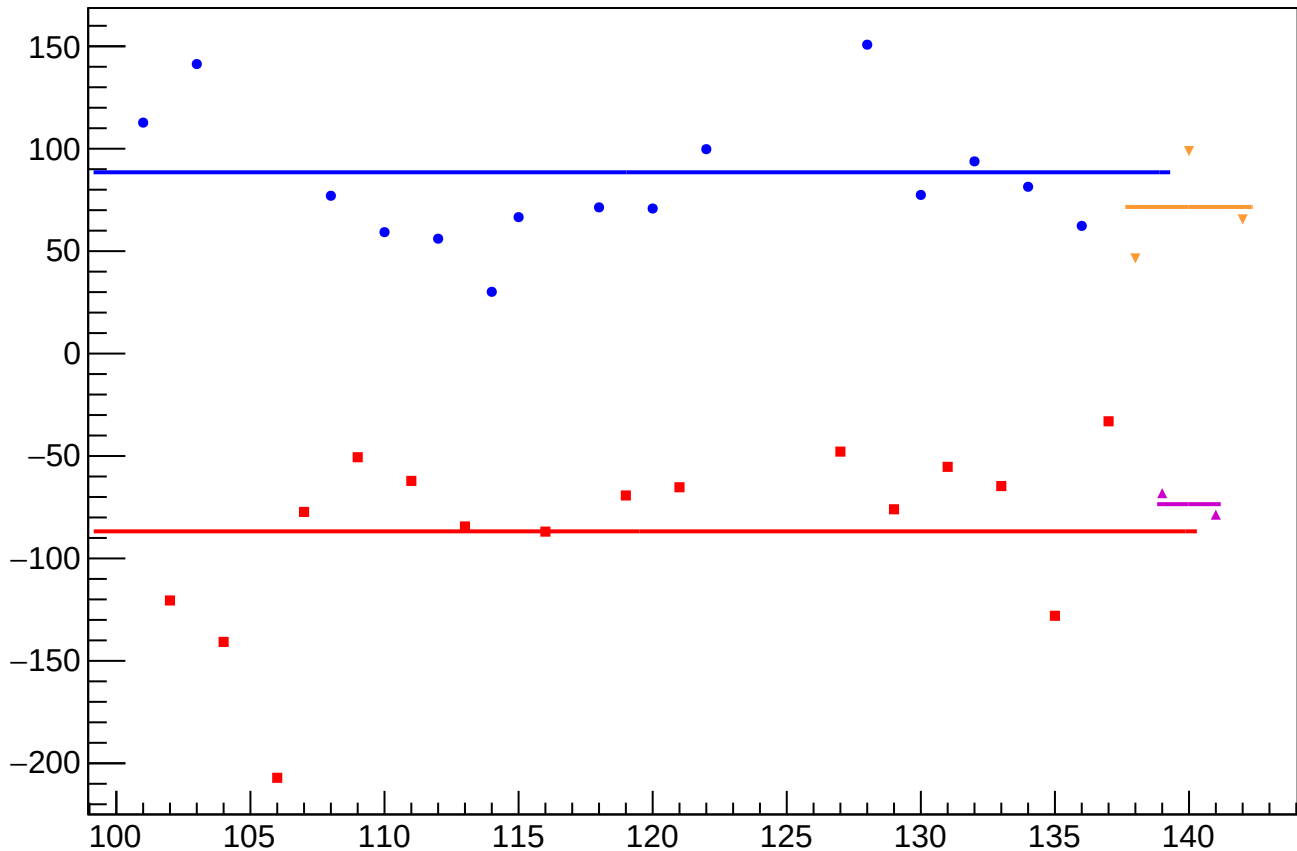
Right In: 515.635 +/- 0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 480.691 +/- 0.000 χ^2/NDF : 2709391428203568262308722251143315456.0/2

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



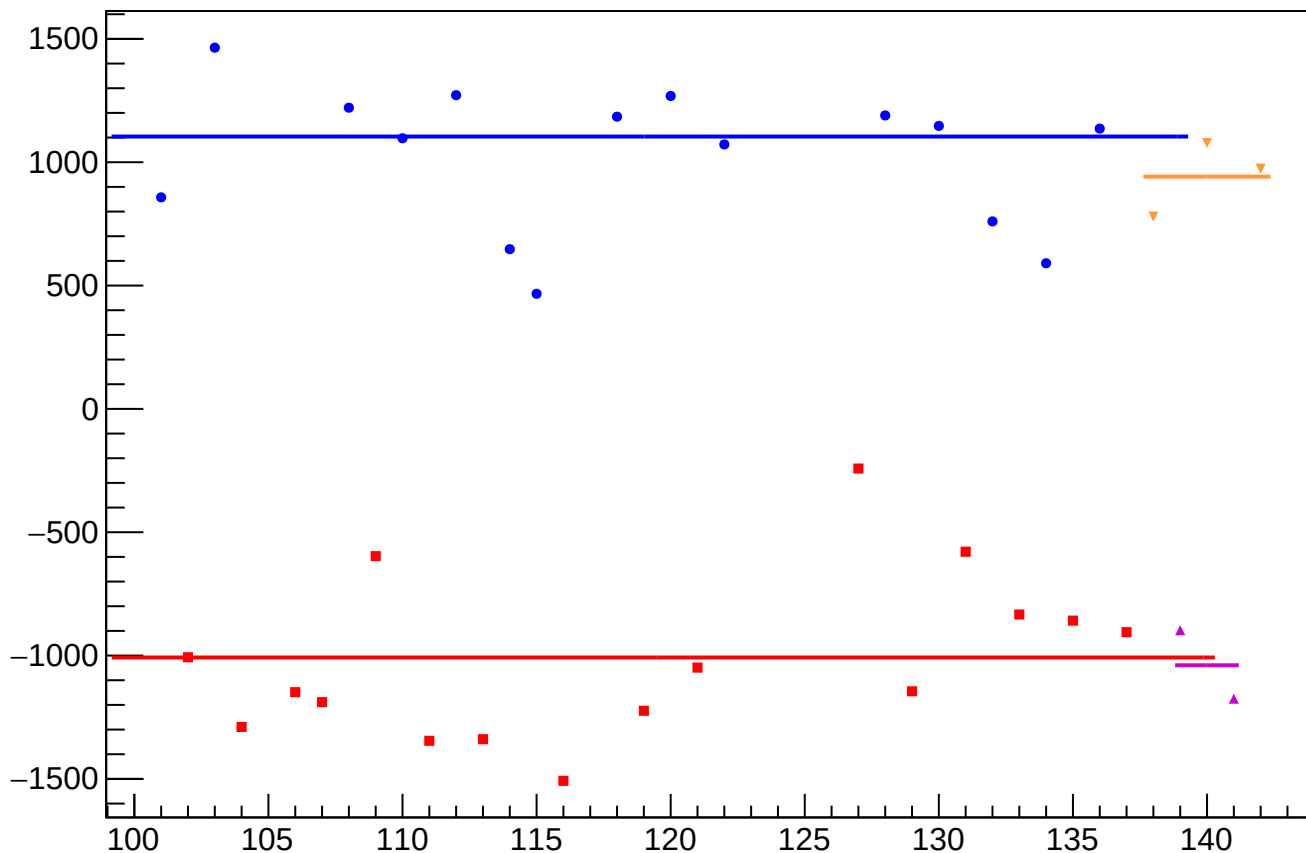
Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 71.565+/-0.000 χ^2/NDF : 111794426998727161740822881339703296.0/2

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



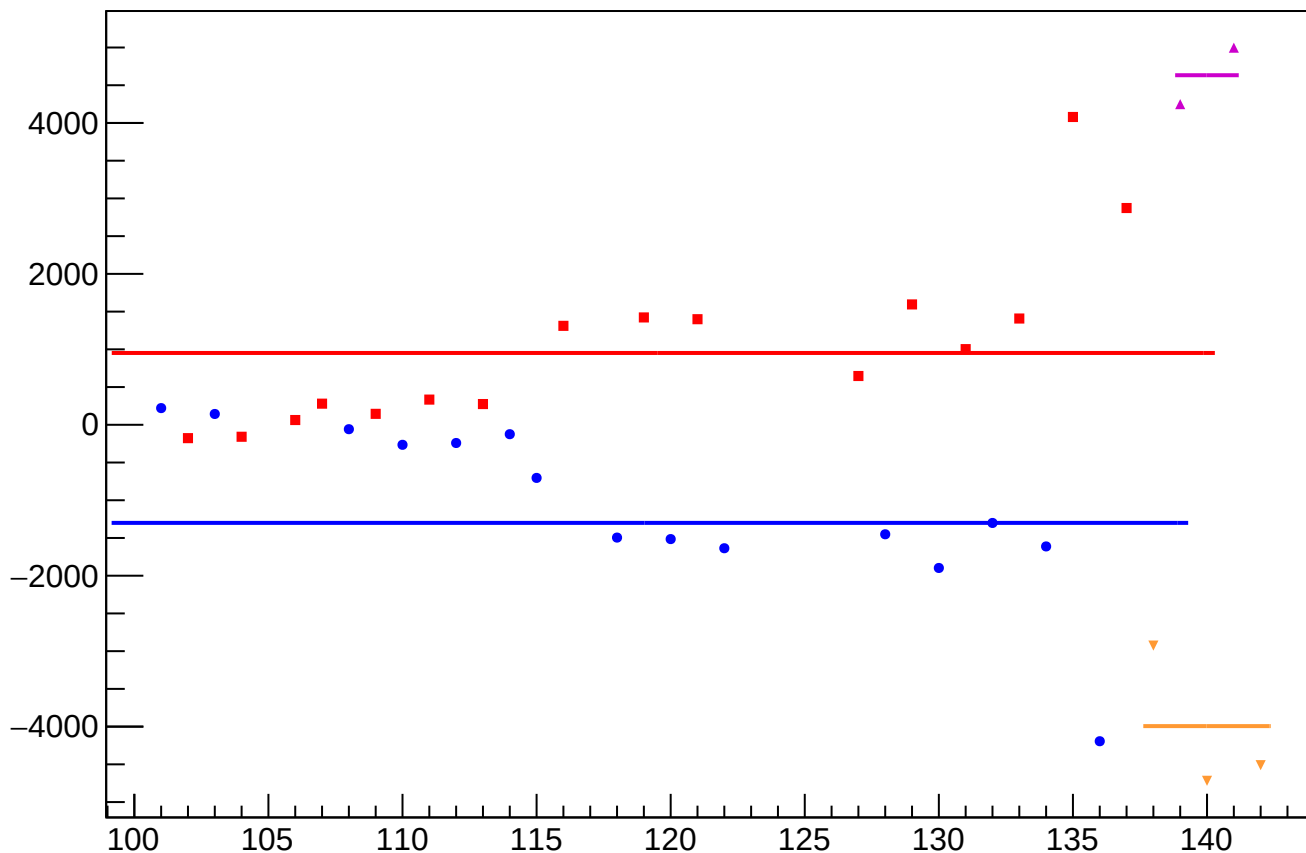
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 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_sam6_coil3_mean vs Slug, Sign Corrected



Right In: -1299.904+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -3993.327+/-0.000

-1948.846+/-0.000 χ^2/NDF : 247826066983465

Right Out: 951.903+/-0.000

χ^2/NDF : 144240442040292280014214079719820754944.0/2

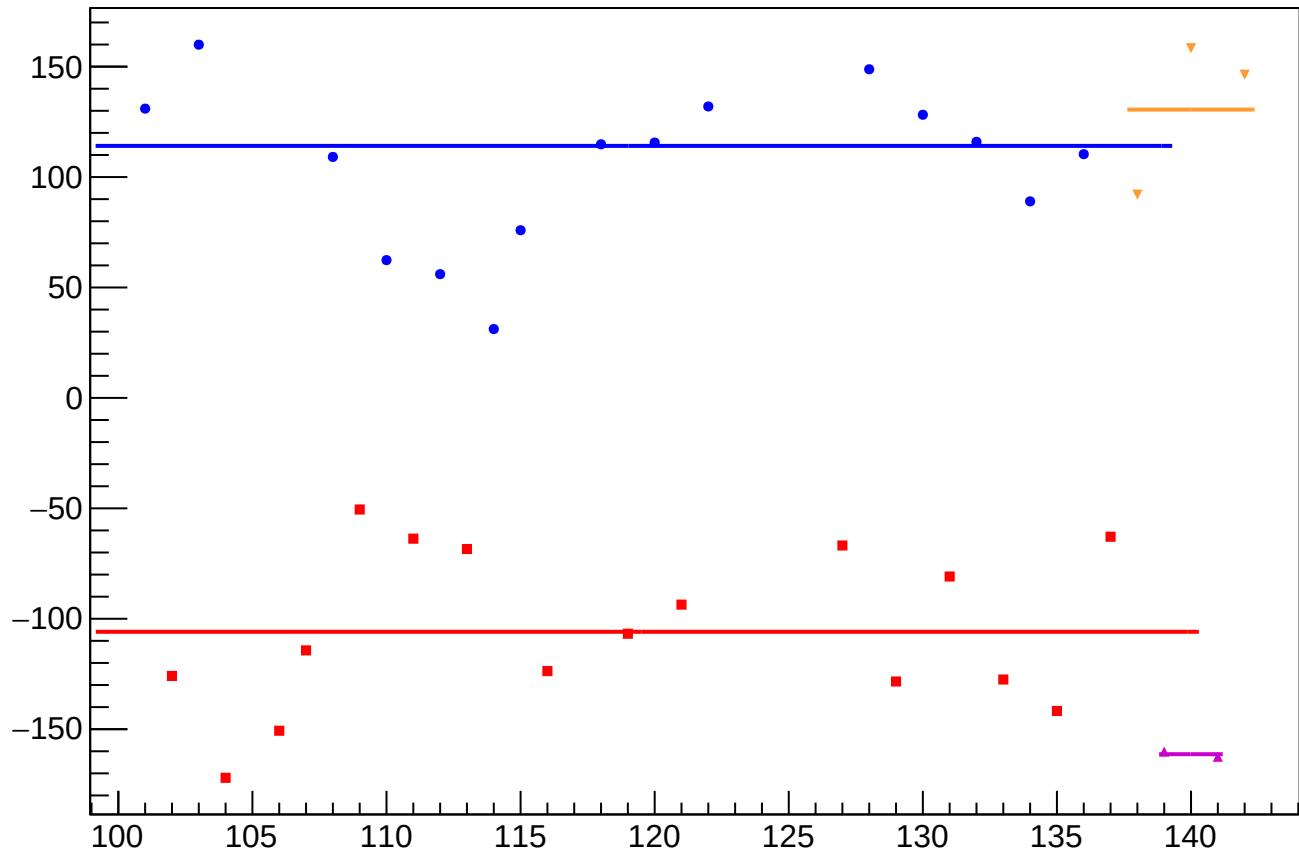
Left In: 4632.740+/-0.000

-155.396+/-0.000 χ^2/NDF : 10716442542

1685.419+/-0.000 χ^2/NDF : 2665403185926249

χ^2/NDF : 23219875075477612909409003803013808128.0/1

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



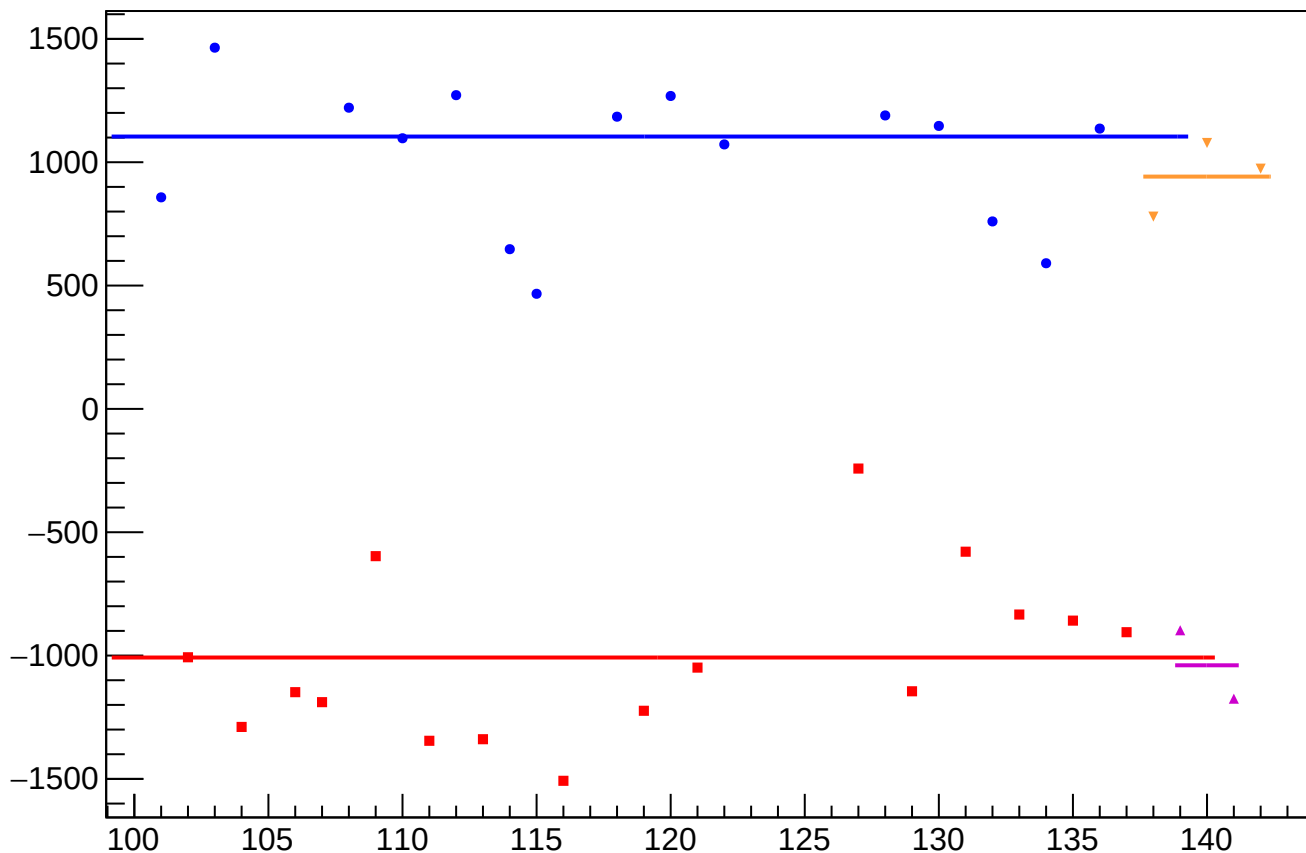
Right In: 114.118 +/- 0.000 χ^2/NDF : 607226770891525118881736460452495360.0/14

Left Out: 130.557 +/- 0.000 χ^2/NDF : 190481892569580903366182515154878464.0/2

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



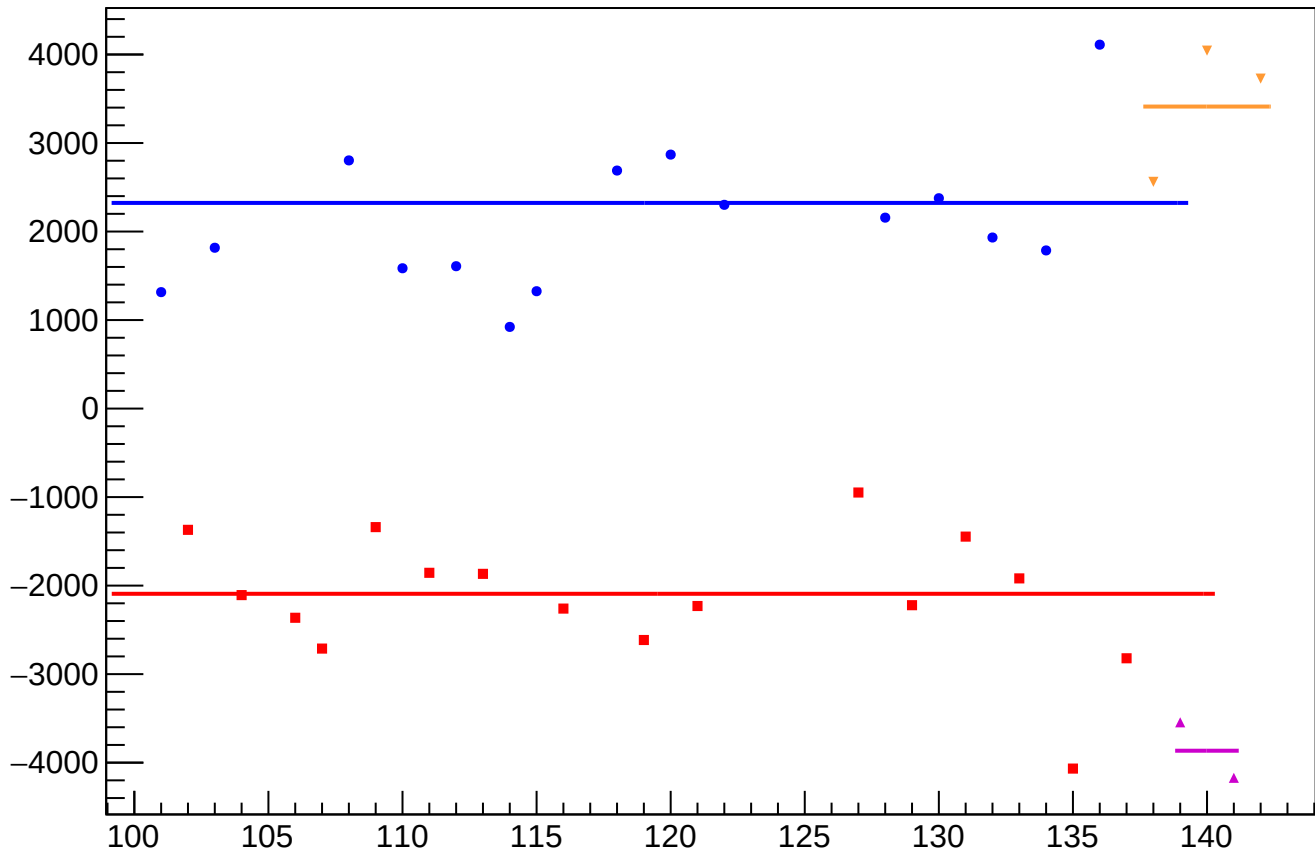
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

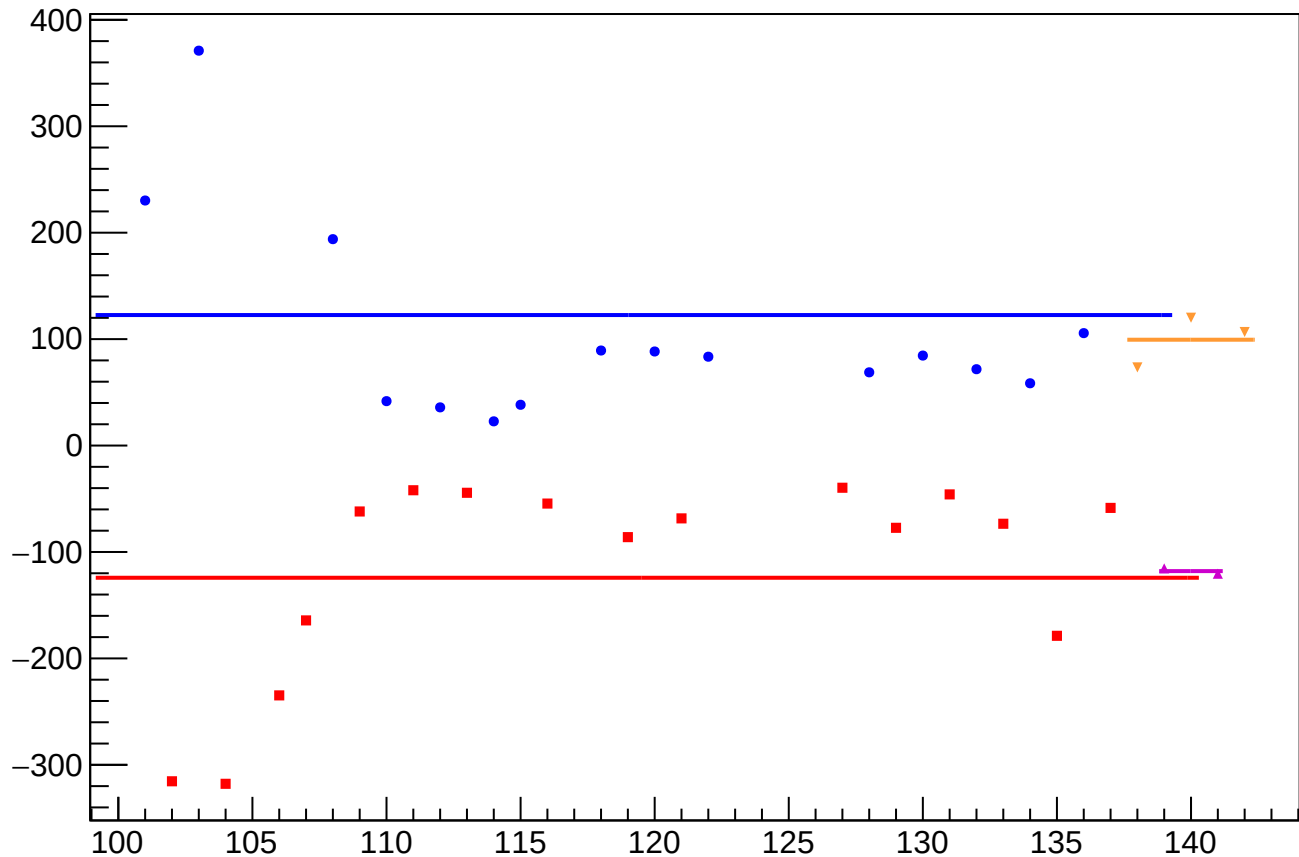
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 2323.372+/-0.000 χ^2/NDF : 476371189888349375964725620757728591872.0/14
 Left Out: 3411.882+/-0.000 χ^2/NDF : 93730838536064198668202082667428052992.0/2
 Right Out: -2092.458+/-0.000 χ^2/NDF : 367126080872166122663684022473339174912.0/15
 Left In: -3865.308+/-0.000 χ^2/NDF : 16300122688992711960393078589947379712.0/1

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



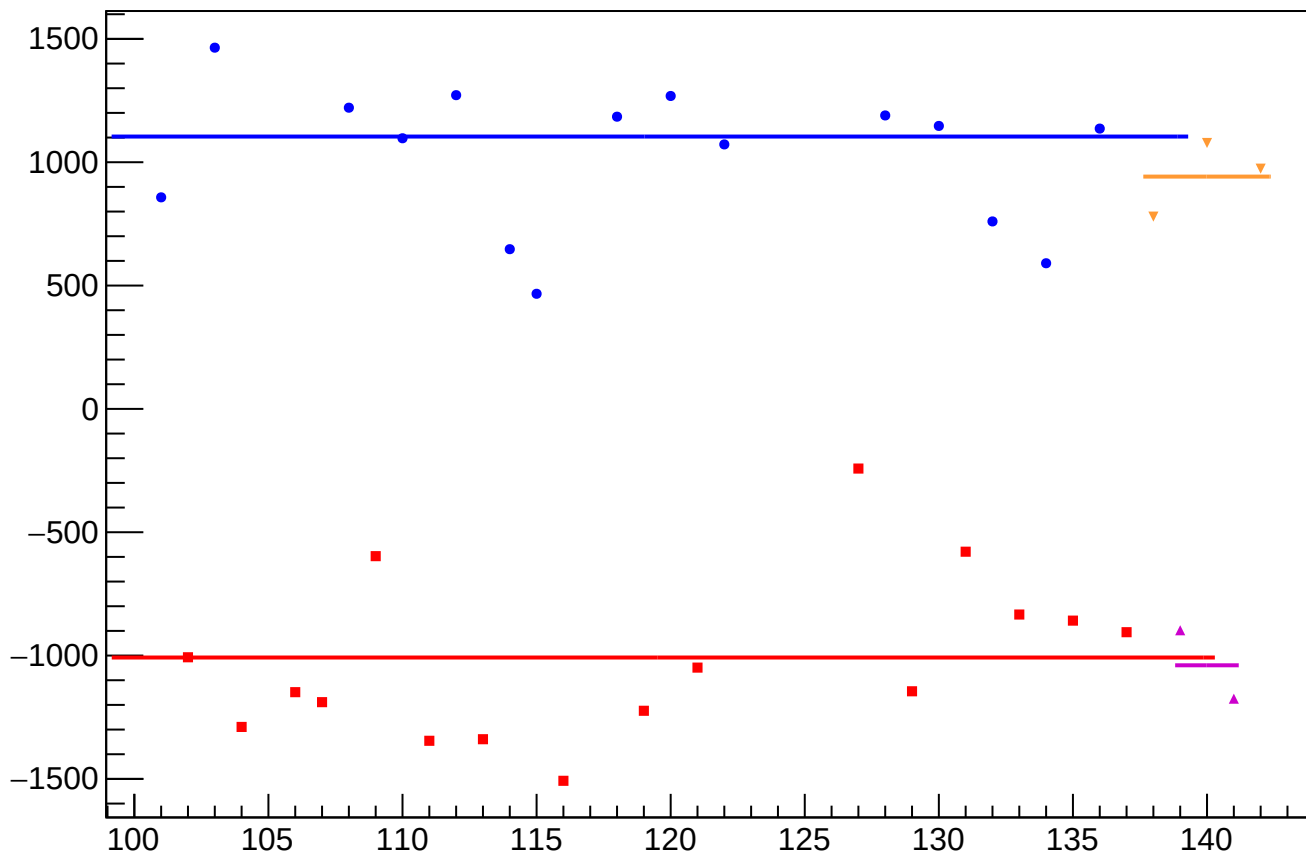
Right In: 122.622 +/- 0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14

Left Out: 99.441 +/- 0.000 χ^2/NDF : 90247111001199642913604862524522496.0/2

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



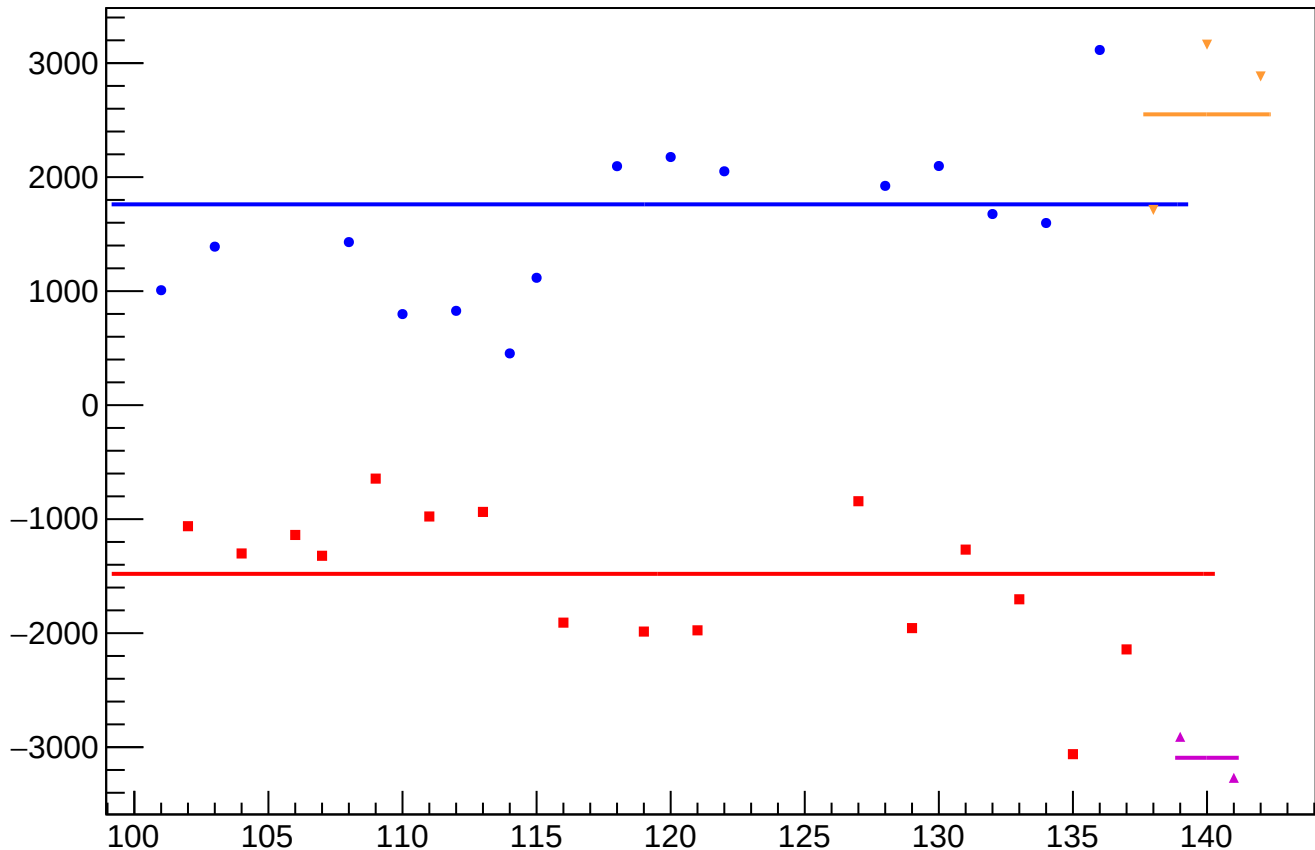
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 941.748+/-0.000 χ^2/NDF : 3624607929554954459787317675632361472.0/2

Right Out: -1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

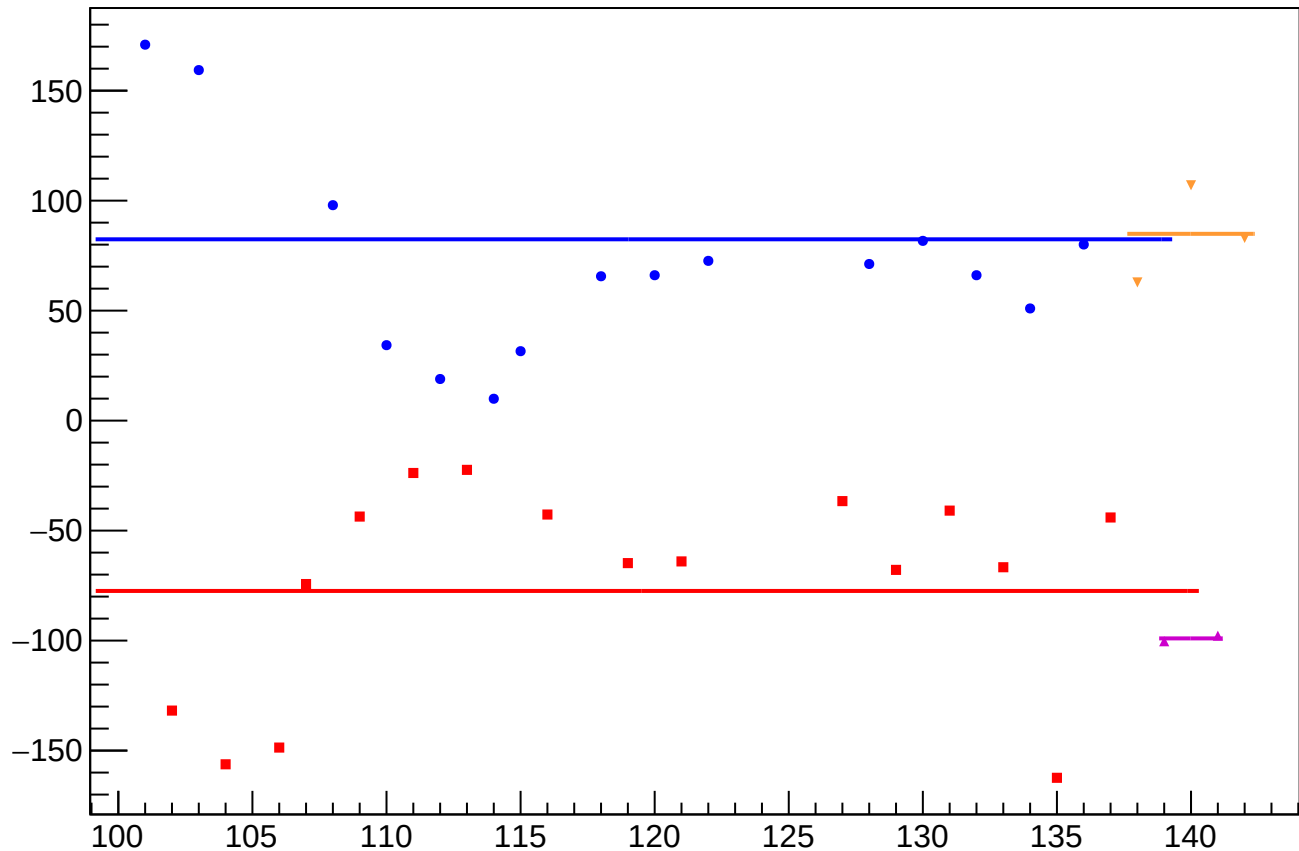
Left In: -1039.434+/-0.000 χ^2/NDF : 3190890462587587485465426729682075648.0/1

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14
 Left Out: 2550.628+/-0.000 χ^2/NDF : 90554790142968356297458590847701352448.0/2
 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



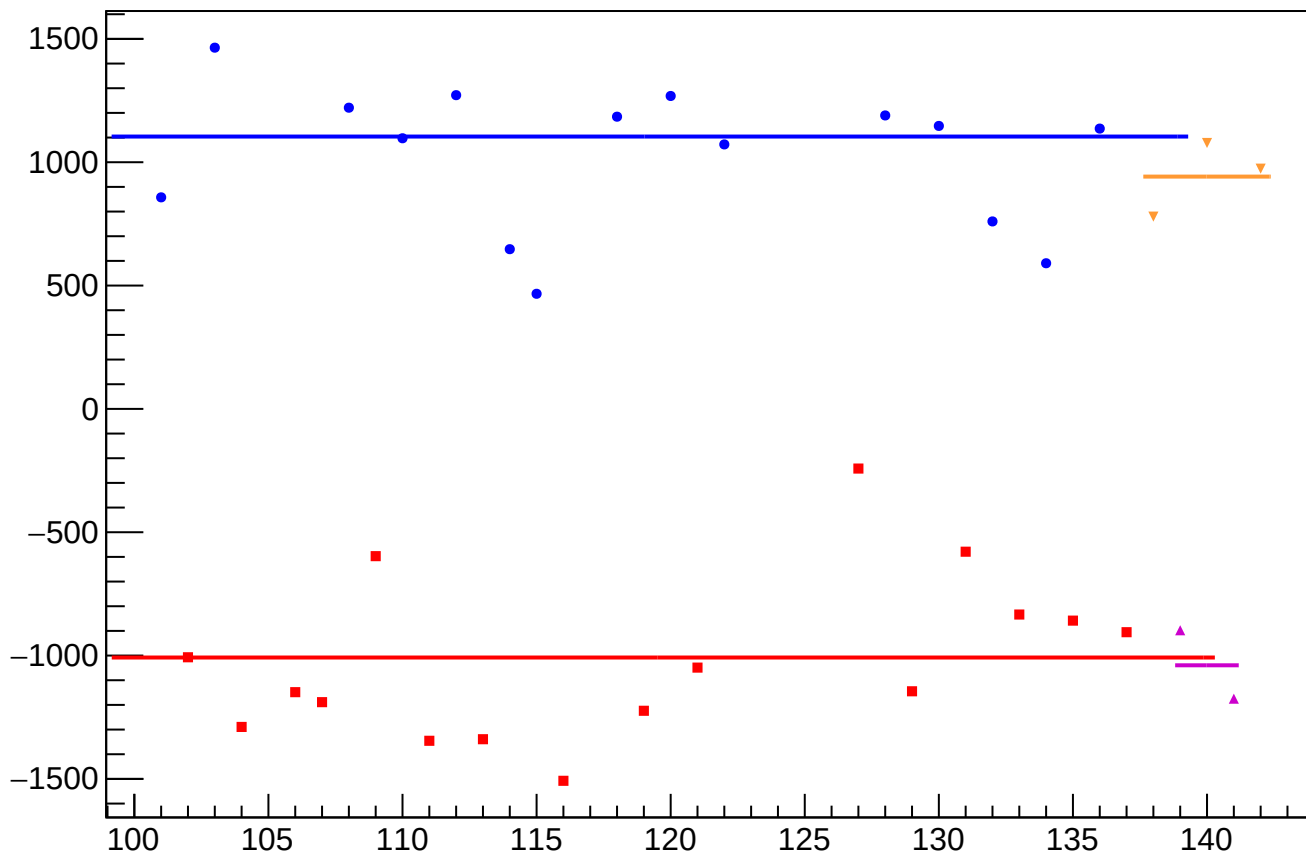
Right In: 82.422 $\pm$ 0.000 χ^2 /NDF: 1263633347129443757477527241185296384.0/14

Left Out: 84.914 $\pm$ 0.000 χ^2 /NDF: 78169597160714776703008286225465344.0/2

Right Out: -77.430 $\pm$ 0.000 χ^2 /NDF: 1515456409368458038568290276111024128.0/15

Left In: -99.003 $\pm$ 0.000 χ^2 /NDF: 265642768921621432337008464756736.0/1

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



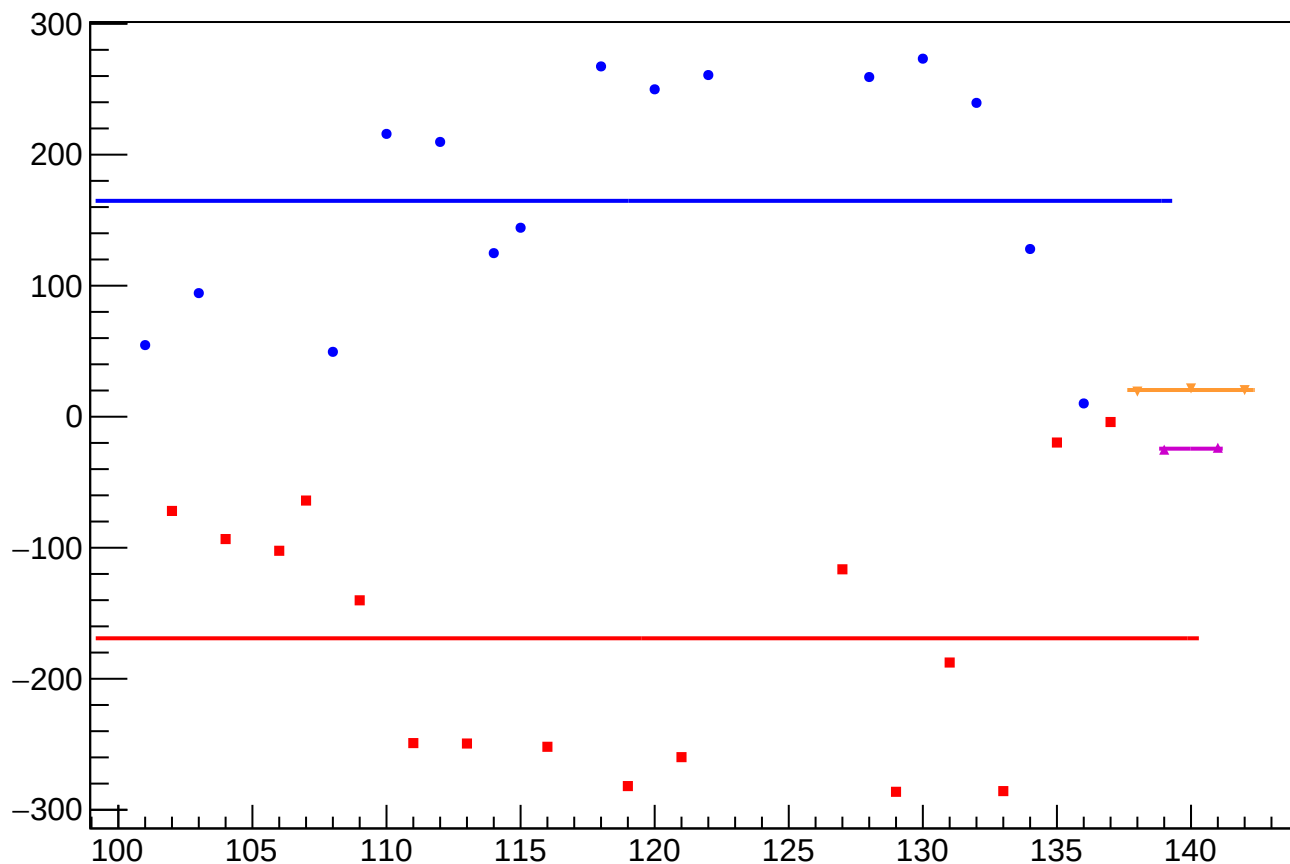
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 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_4aX_coil7_mean vs Slug, Sign Corrected



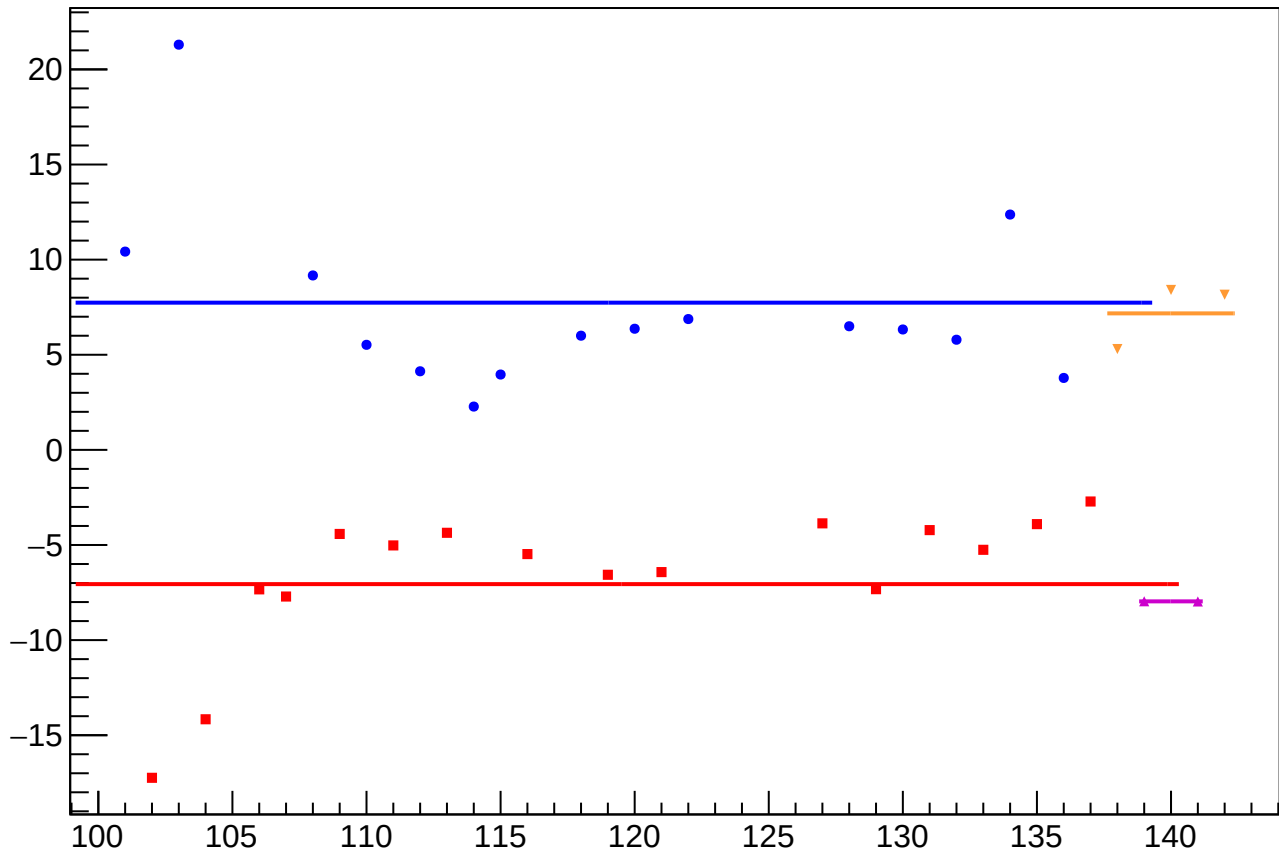
Right In: 164.752 $\pm$ 0.000 χ^2 /NDF: 6369828943181833917425699916554960896.0/14

Left Out: 20.387 $\pm$ 0.000 χ^2 /NDF: 233645126782501801956694393094144.0/2

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



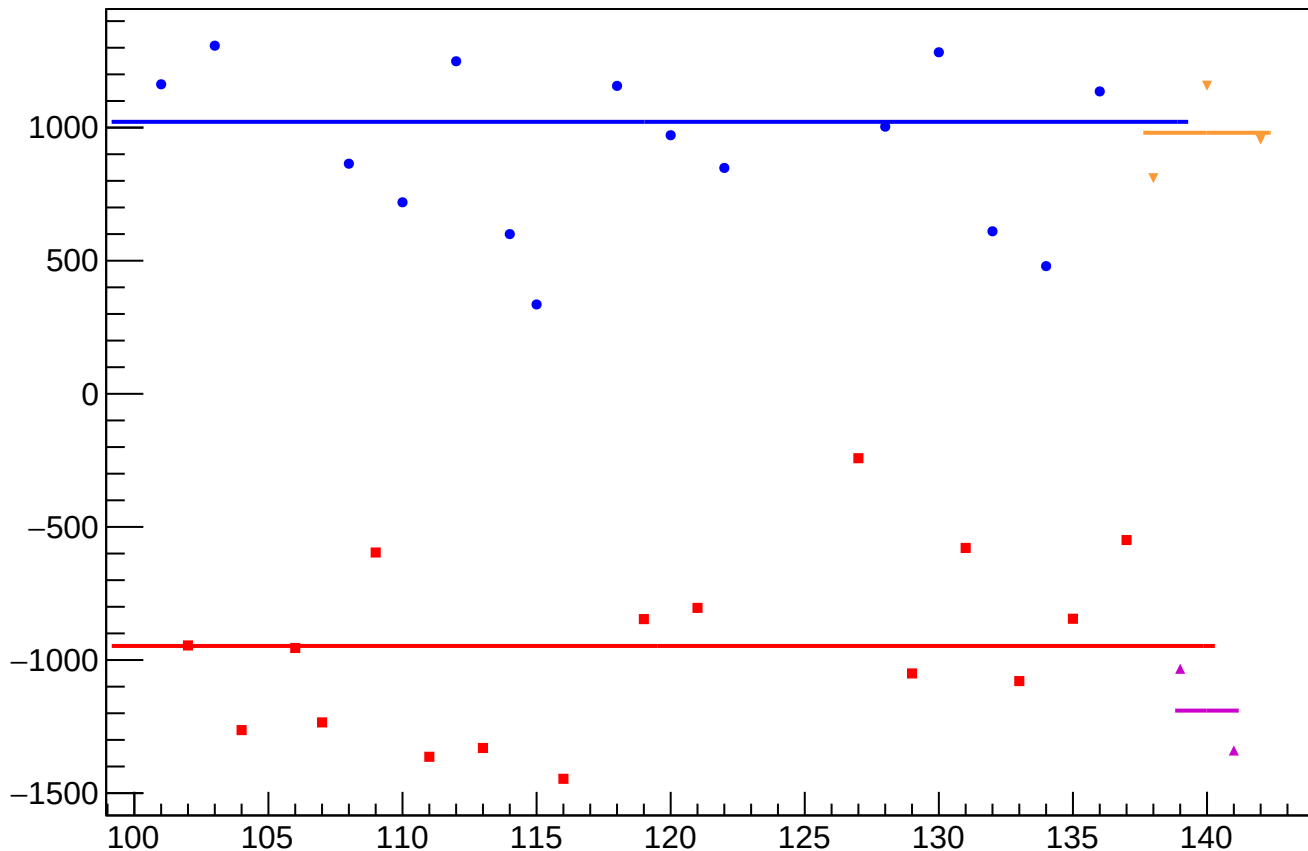
Right In: 7.738 +/- 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14

Left Out: 7.175 +/- 0.000 χ^2/NDF : 442889084641839342771474297520128.0/2

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



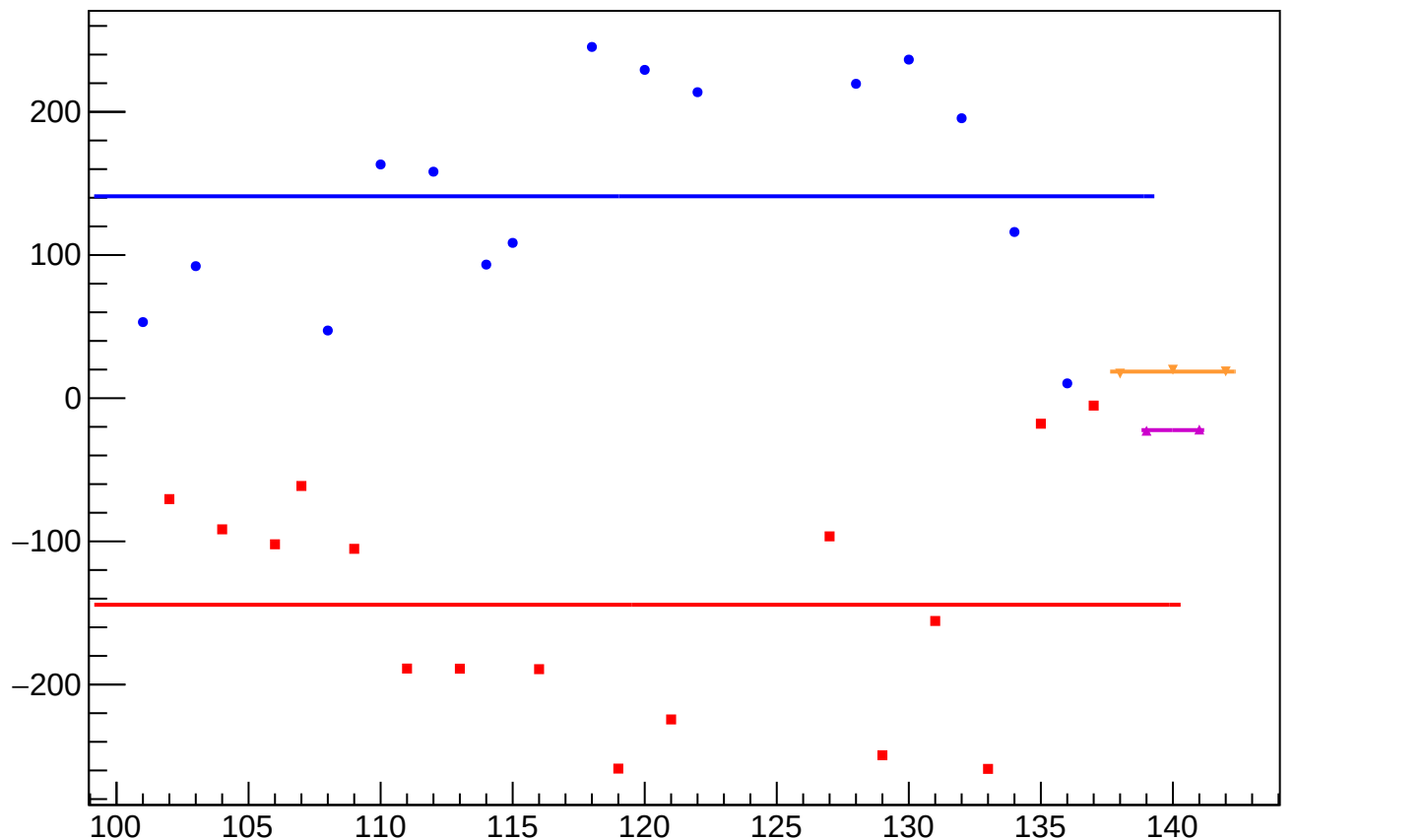
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

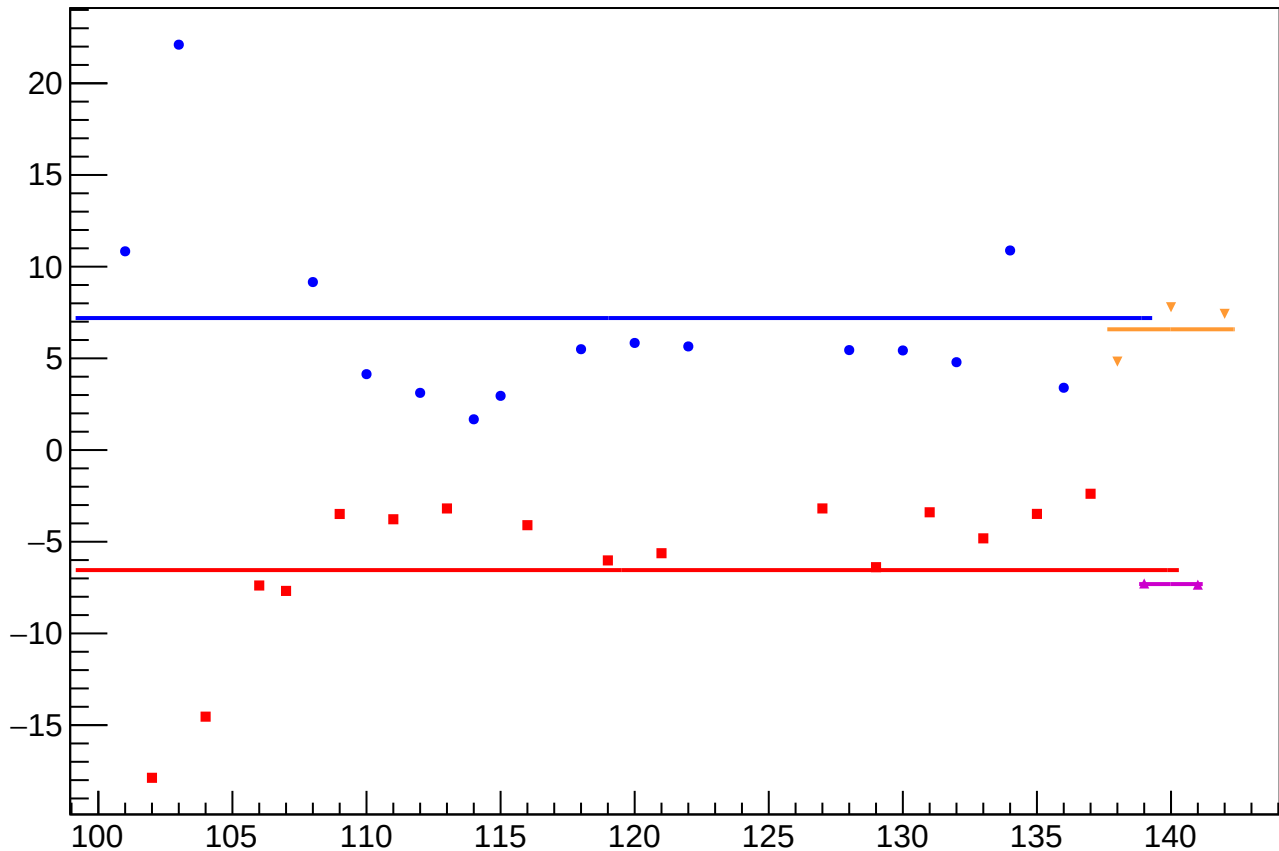
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_4eX_coil7_mean vs Slug, Sign Corrected



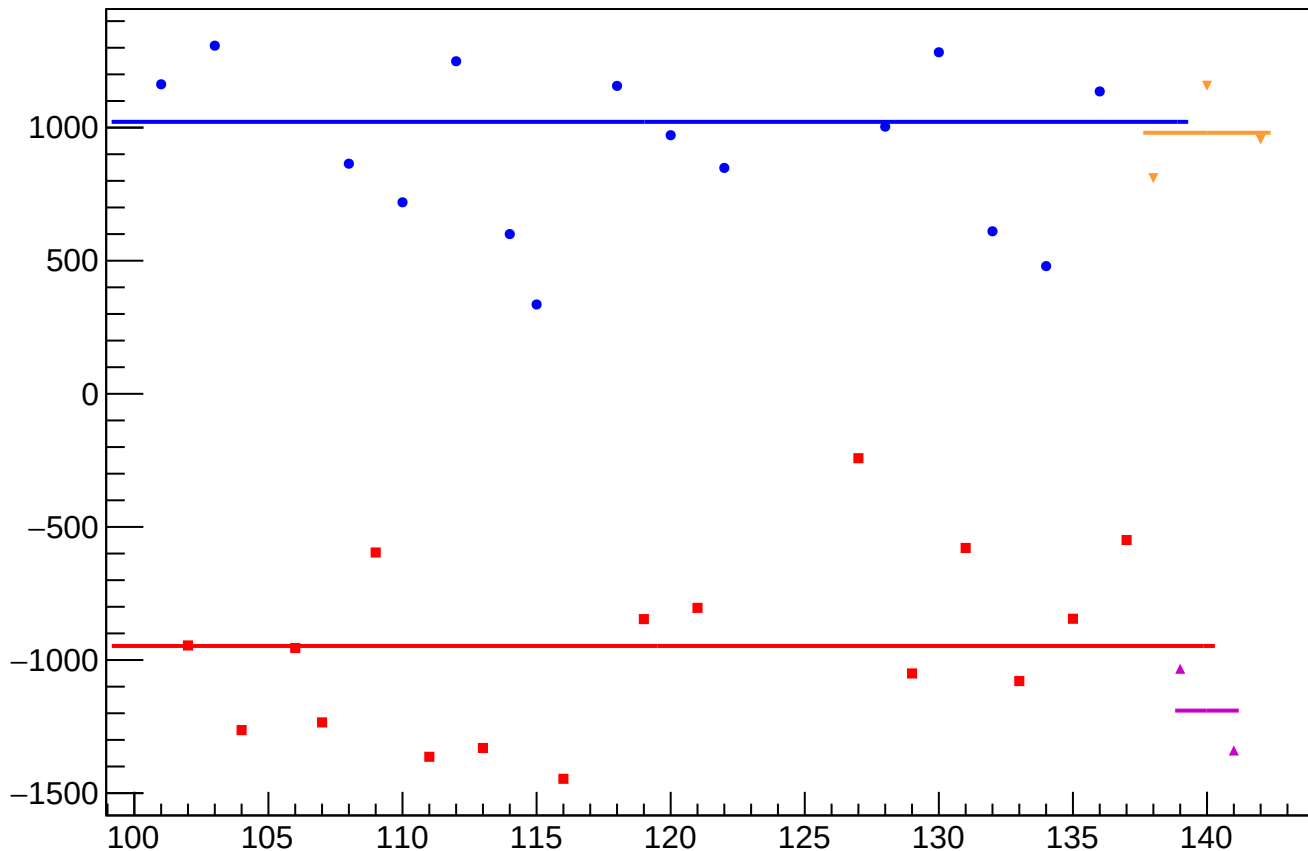
Right In: 141.032 ± 0.000 $\chi^2/\text{NDF}: 4507992585512923332587415612245934080.0/14$
 Left Out: 18.581 ± 0.000 $\chi^2/\text{NDF}: 298366041737118250907153102536704.0/2$
 Right Out: -144.283 ± 0.000 $\chi^2/\text{NDF}: 4268333571517740886065361663928827904.0/15$
 Left In: -22.283 ± 0.000 $\chi^2/\text{NDF}: 27847549805258571276458930470912.0/1$

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 7.198 +/- 0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14
 Left Out: 6.584 +/- 0.000 χ^2/NDF : 393354894932266883636024206950400.0/2
 Right Out: -6.547 +/- 0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15
 Left In: -7.309 +/- 0.000 χ^2/NDF : 173103912856720480946987466752.0/1

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



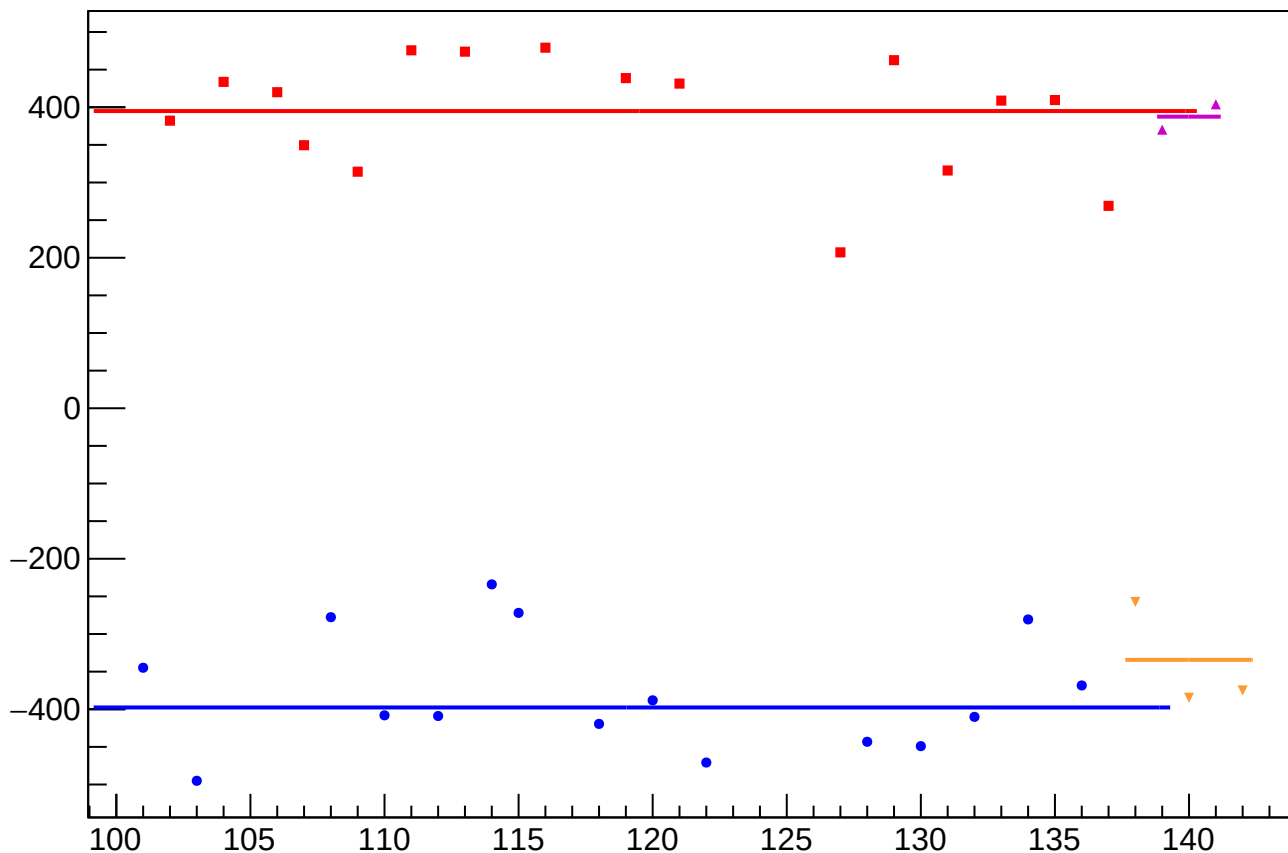
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

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_11X12X_coil7_mean vs Slug, Sign Corrected



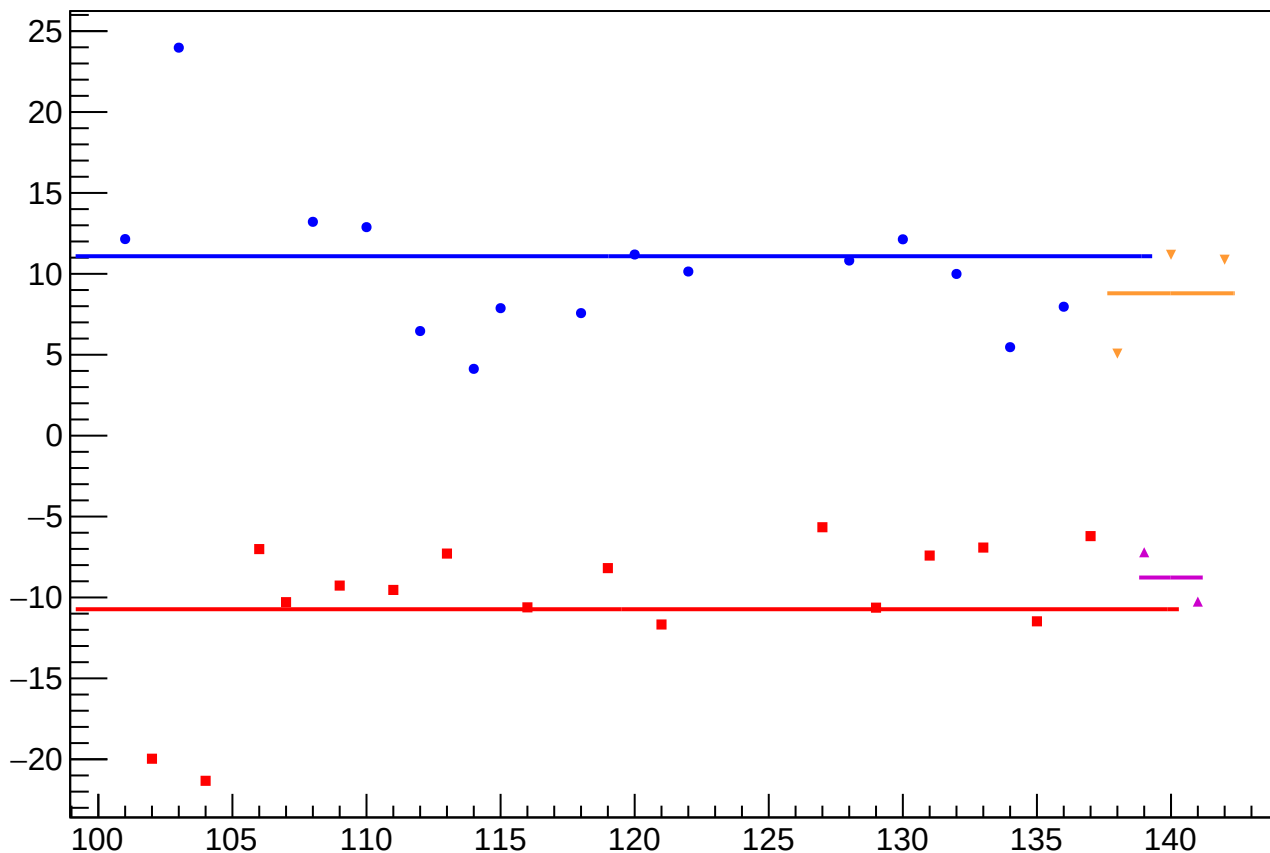
Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -334.336+/-0.000 χ^2/NDF : 745641402864907701669453850663190528.0/2

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



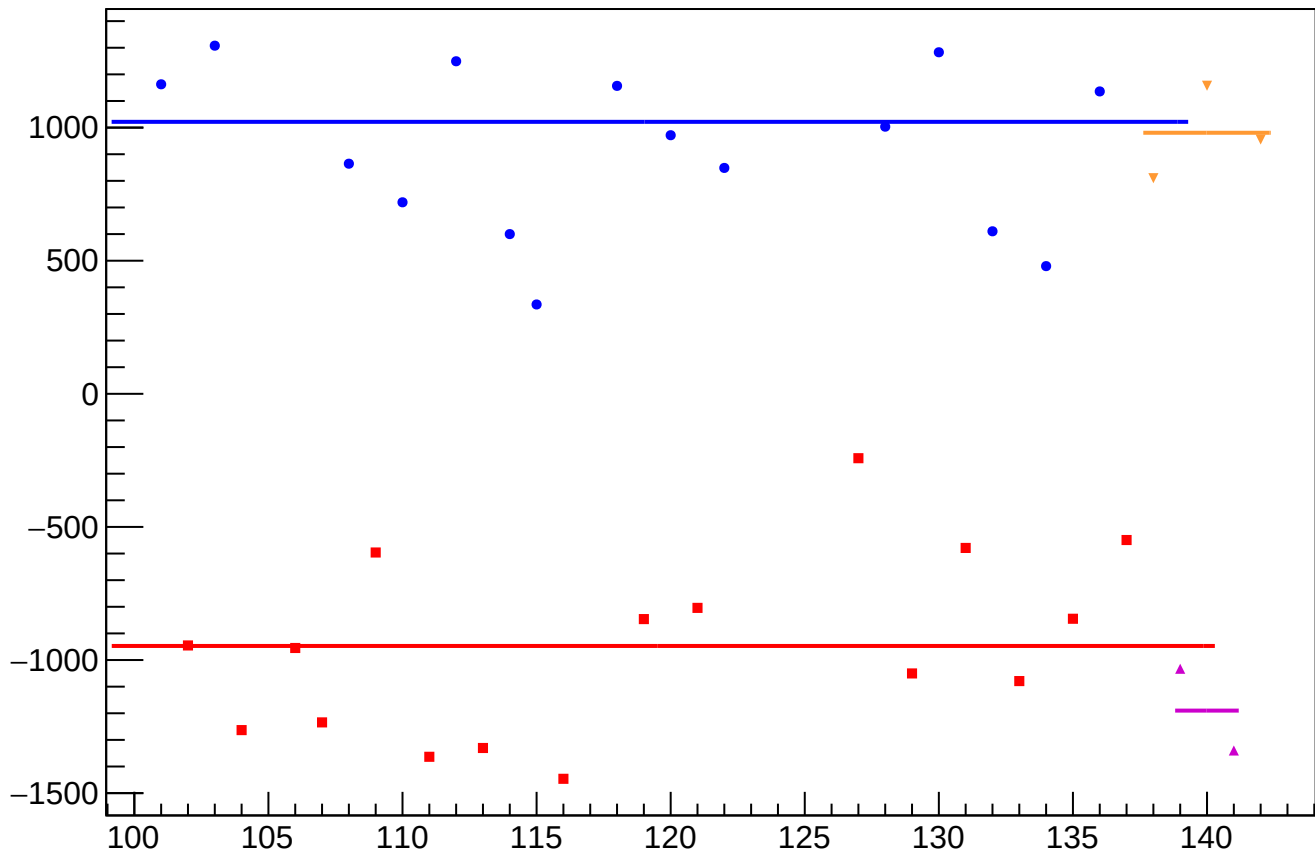
Right In: 11.089 $\pm$ 0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

Left Out: 8.797 $\pm$ 0.000 χ^2/NDF : 1746438483324518047197470075650048.0/2

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



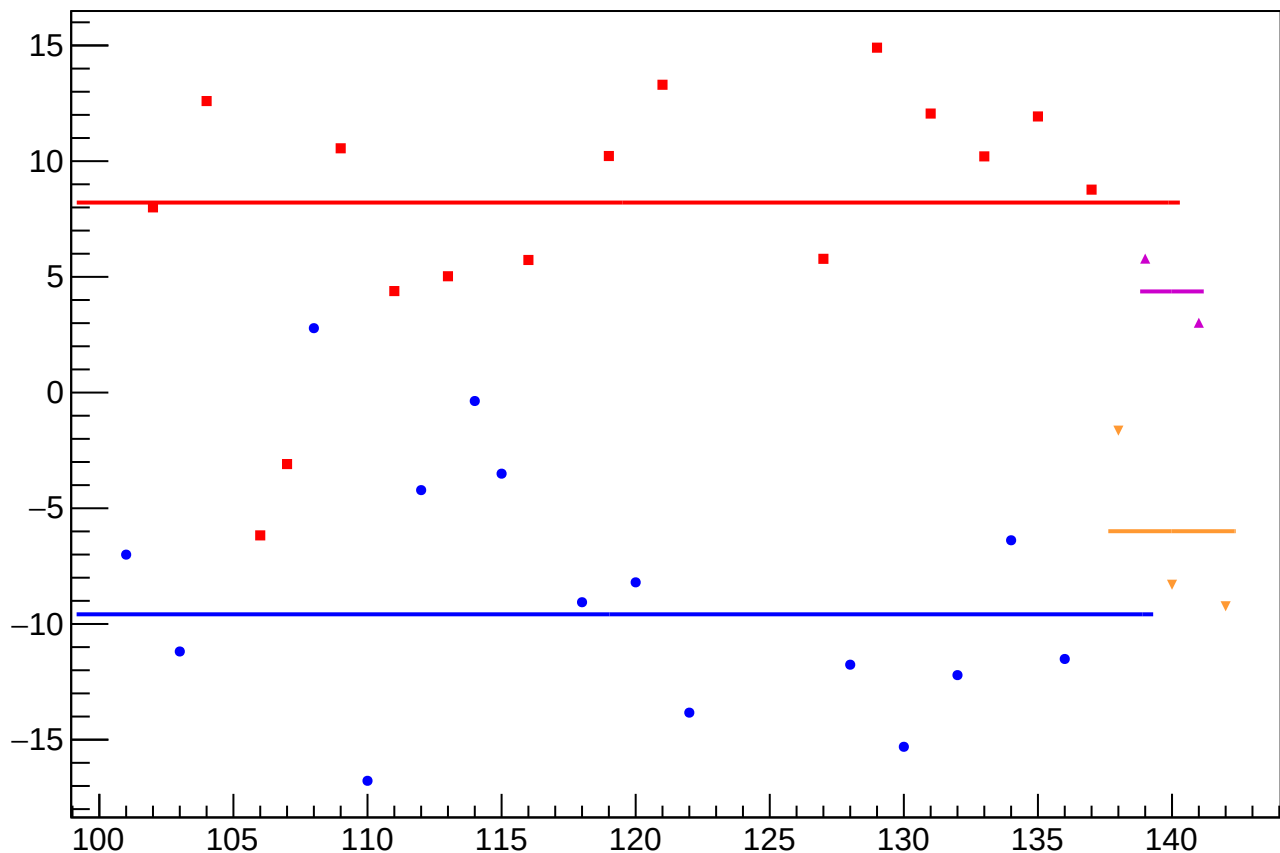
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

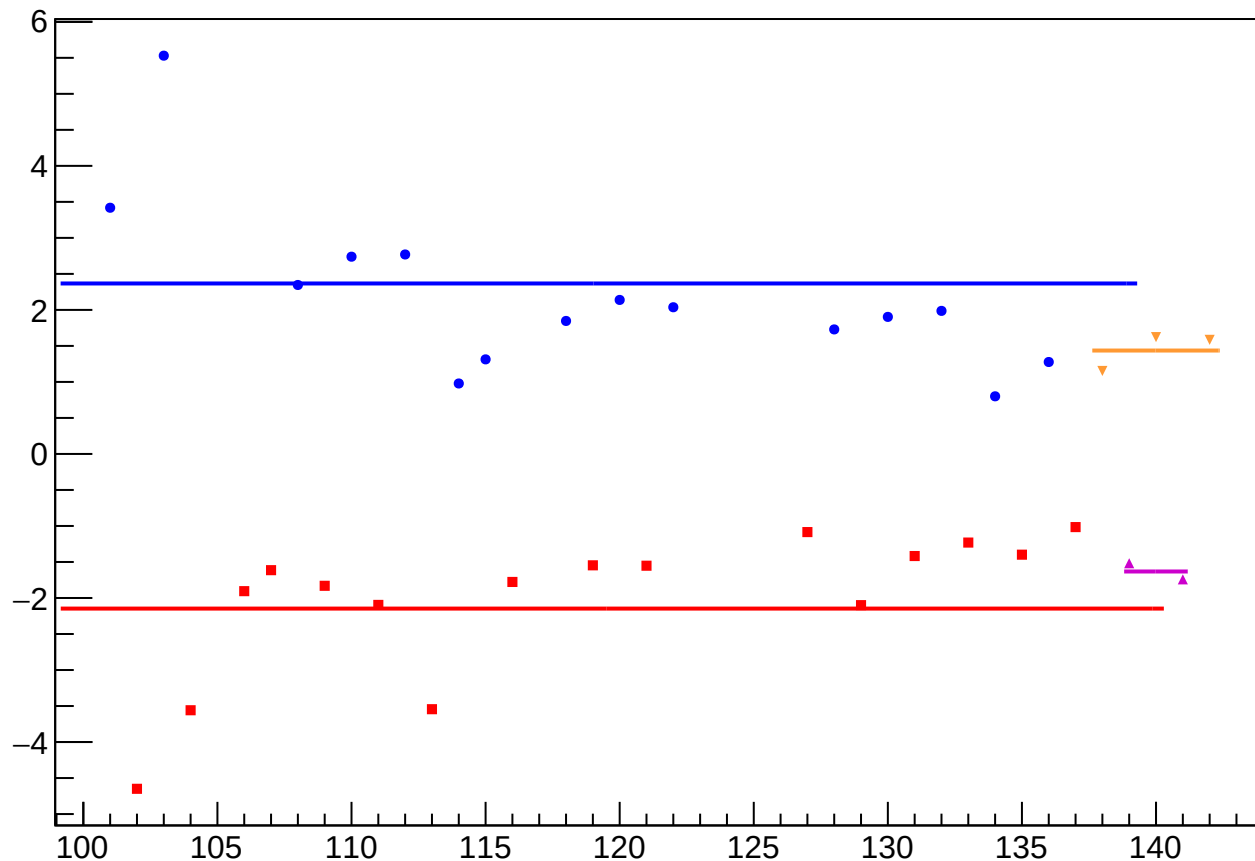
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: -9.582+/-0.000 χ^2/NDF : 14702679983940002820806471963377664.0/14
 Left Out: -5.991+/-0.000 χ^2/NDF : 2395615149243208994297233566334976.0/2
 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



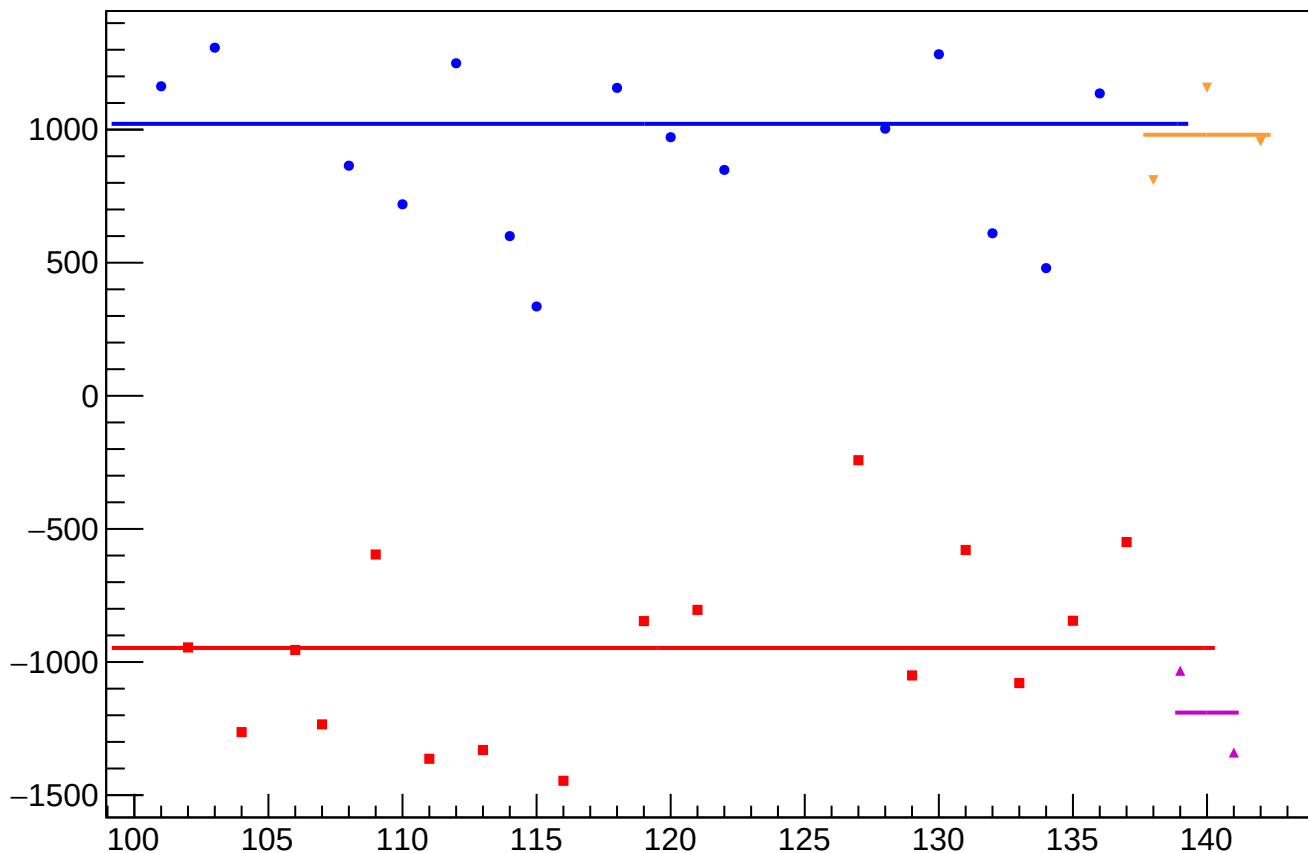
Right In: 2.367+/-0.000 χ^2/NDF : 920633294546152876922066767446016.0/14

Left Out: 1.436+/-0.000 χ^2/NDF : 10130227681894030562532651958272.0/2

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



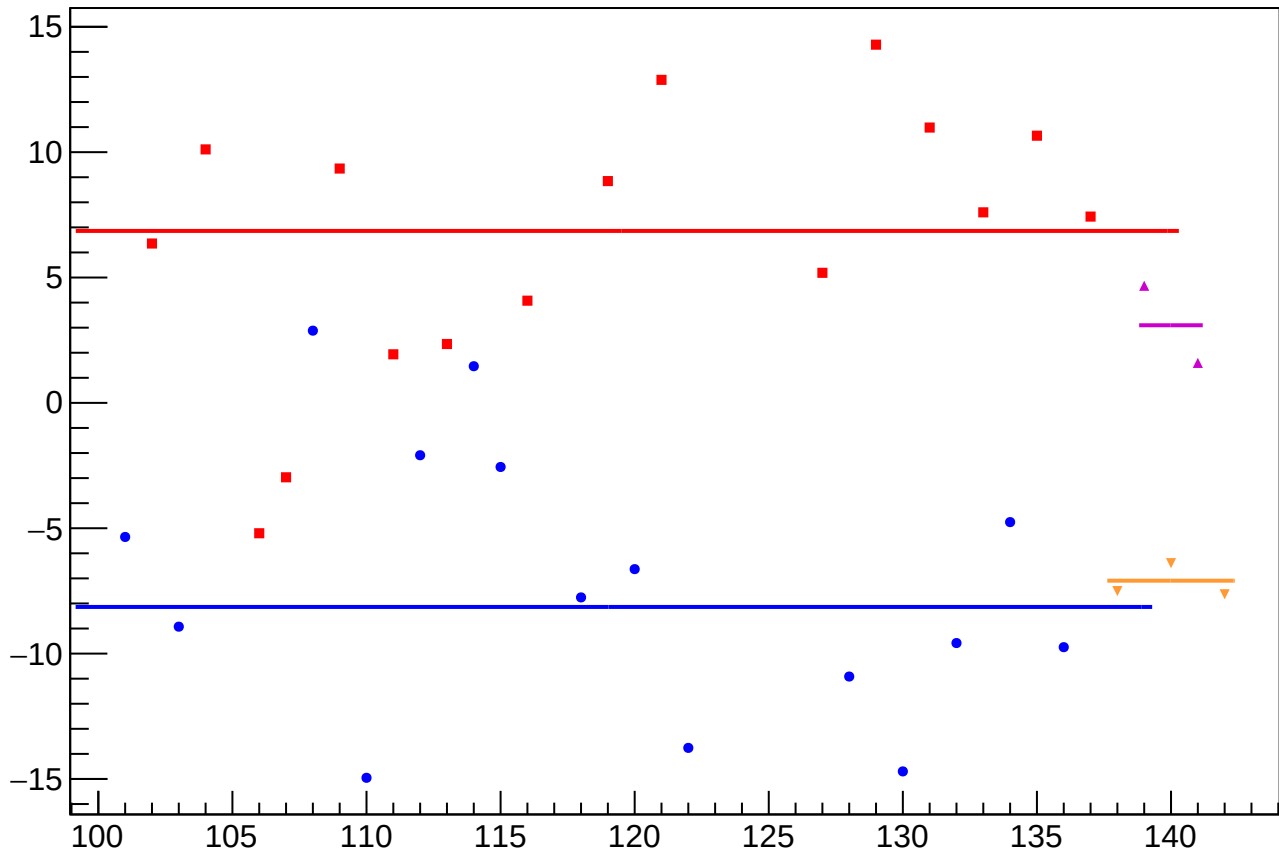
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 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_4eY_coil7_mean vs Slug, Sign Corrected



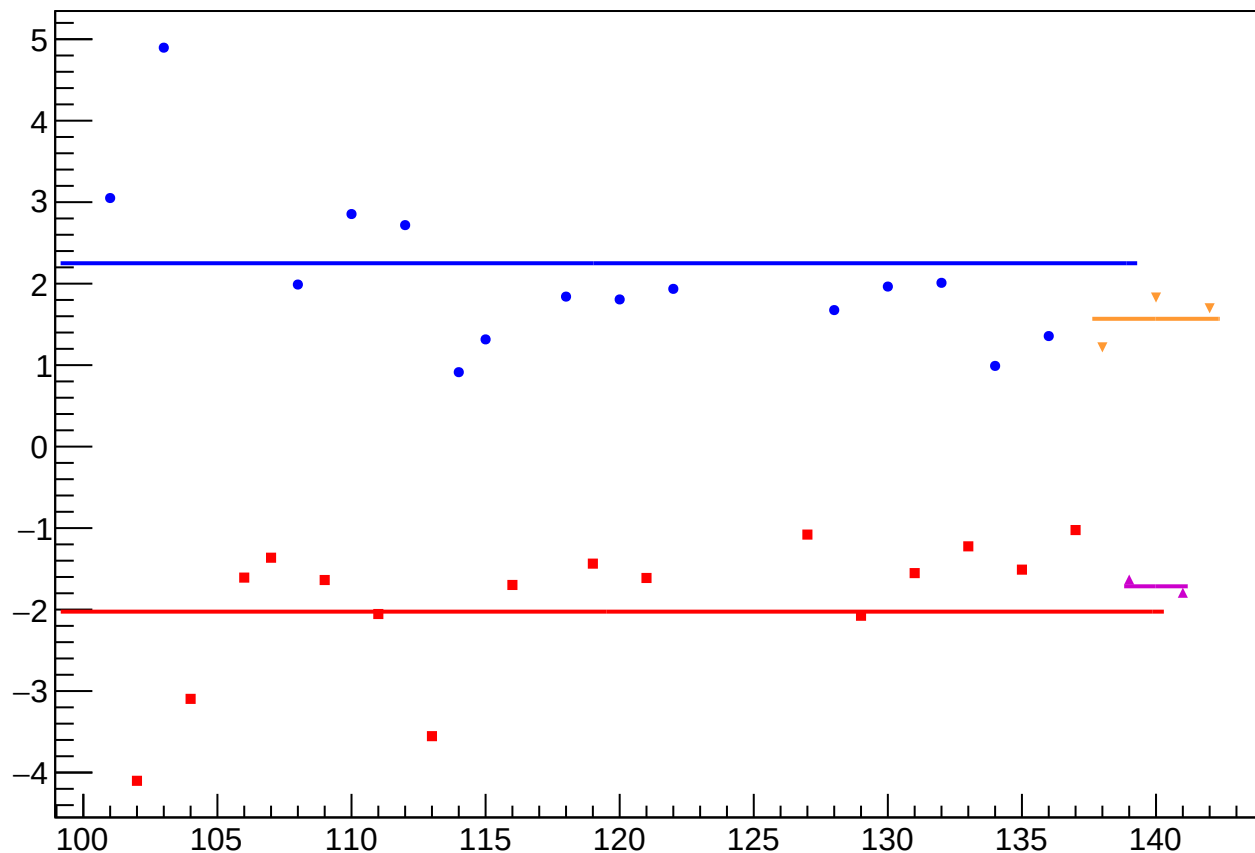
Right In: -8.139+/-0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -7.092+/-0.000 χ^2/NDF : 66896432938533345906781530882048.0/2

Right Out: 6.859+/-0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

Left In: 3.096+/-0.000 χ^2/NDF : 392633381897861805933779792953344.0/1

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



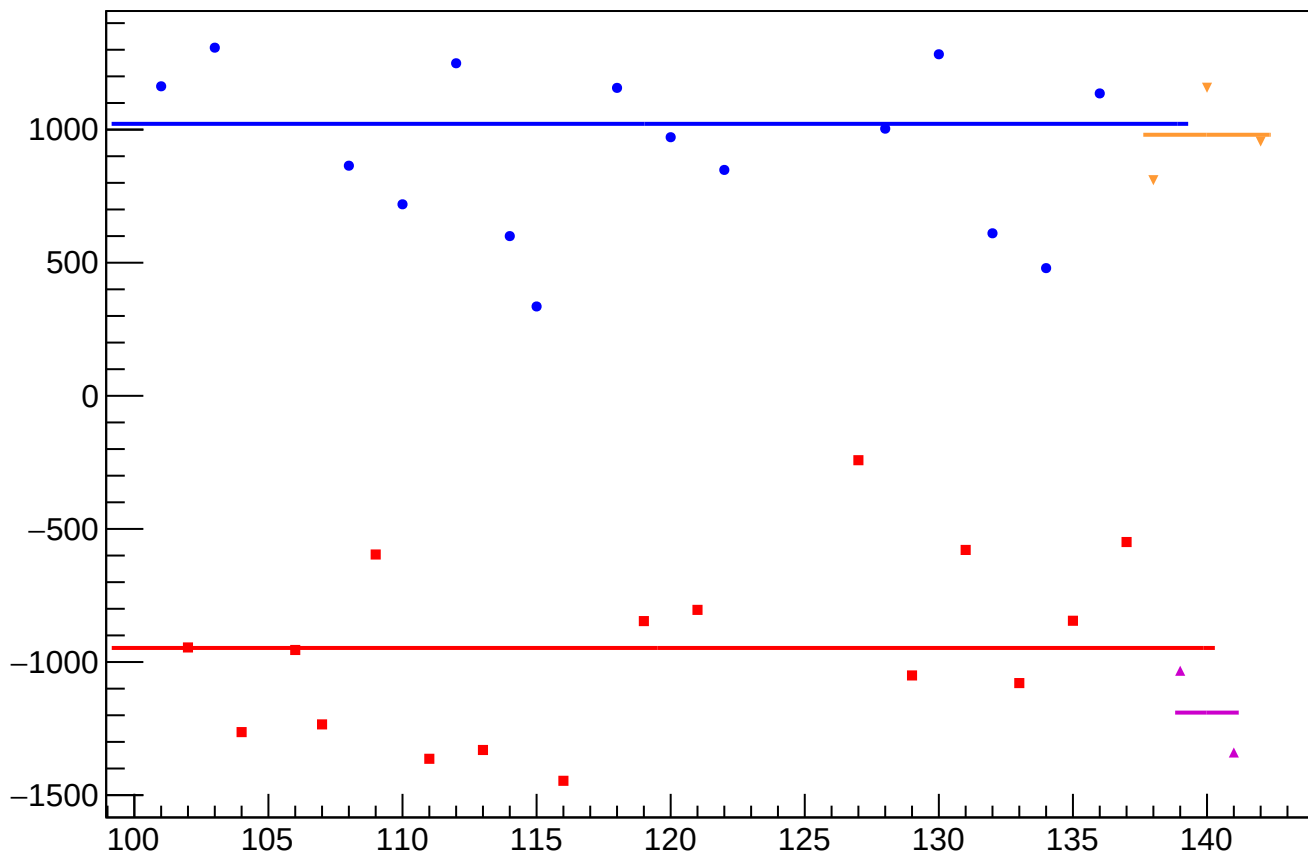
Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14

Left Out: 1.569+/-0.000 χ^2/NDF : 15931078509741198695977436839936.0/2

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



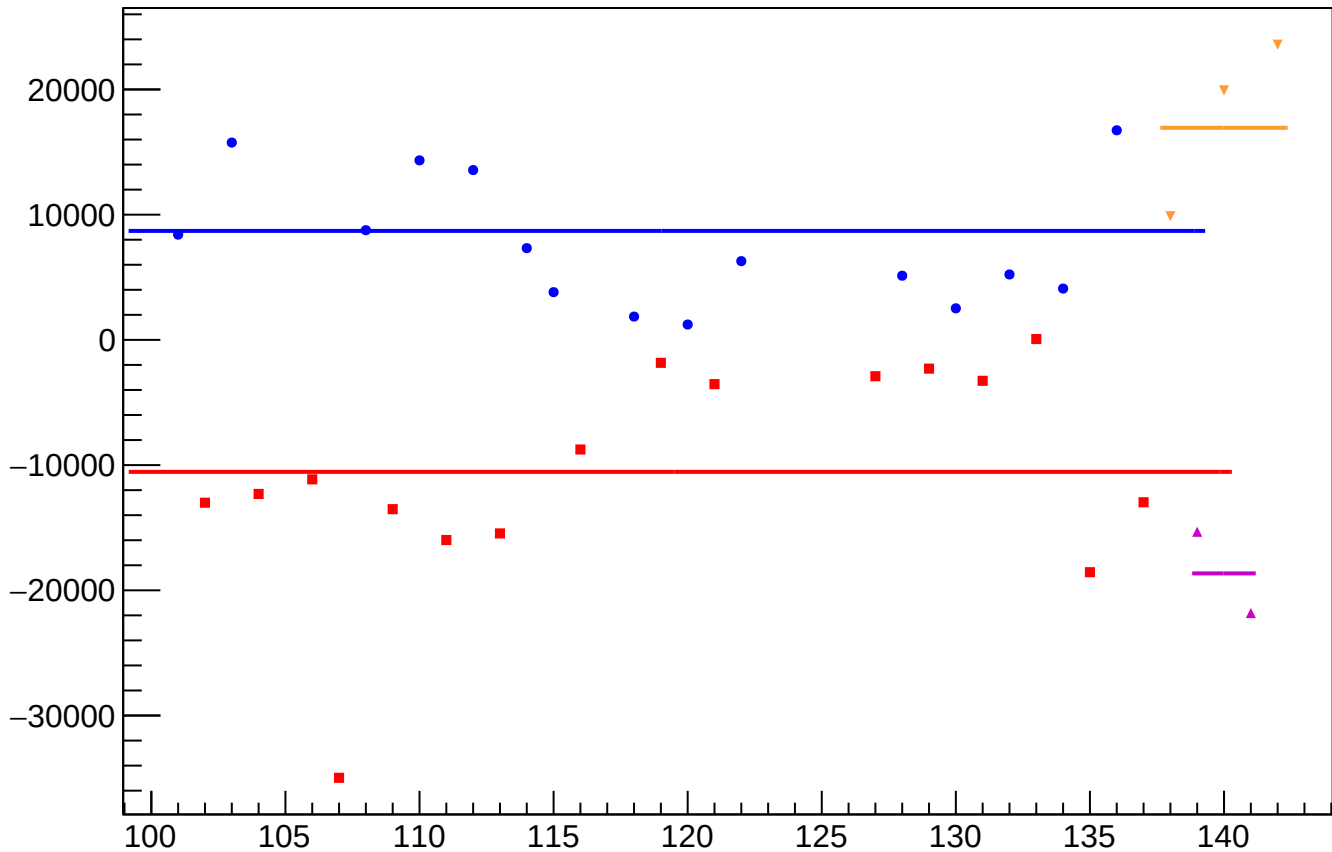
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

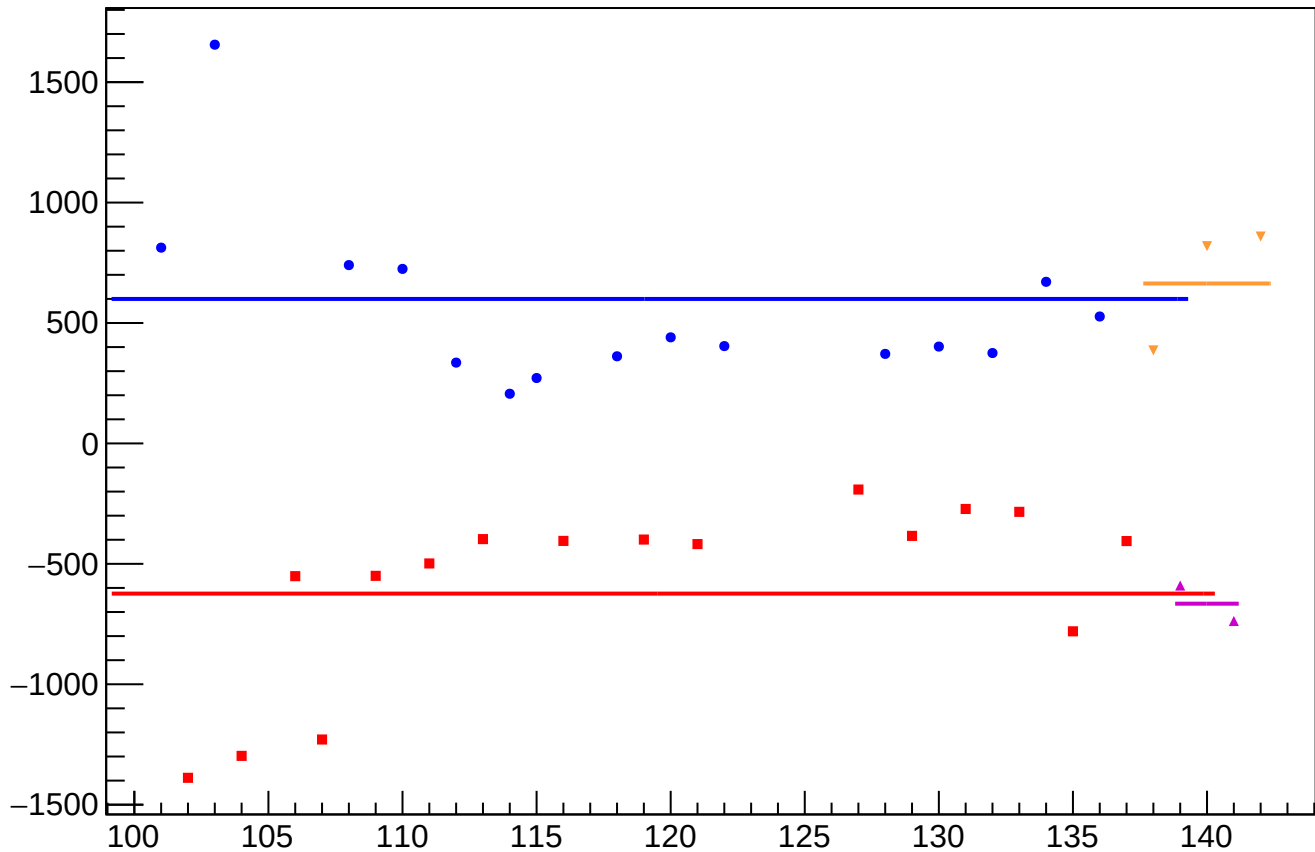
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_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



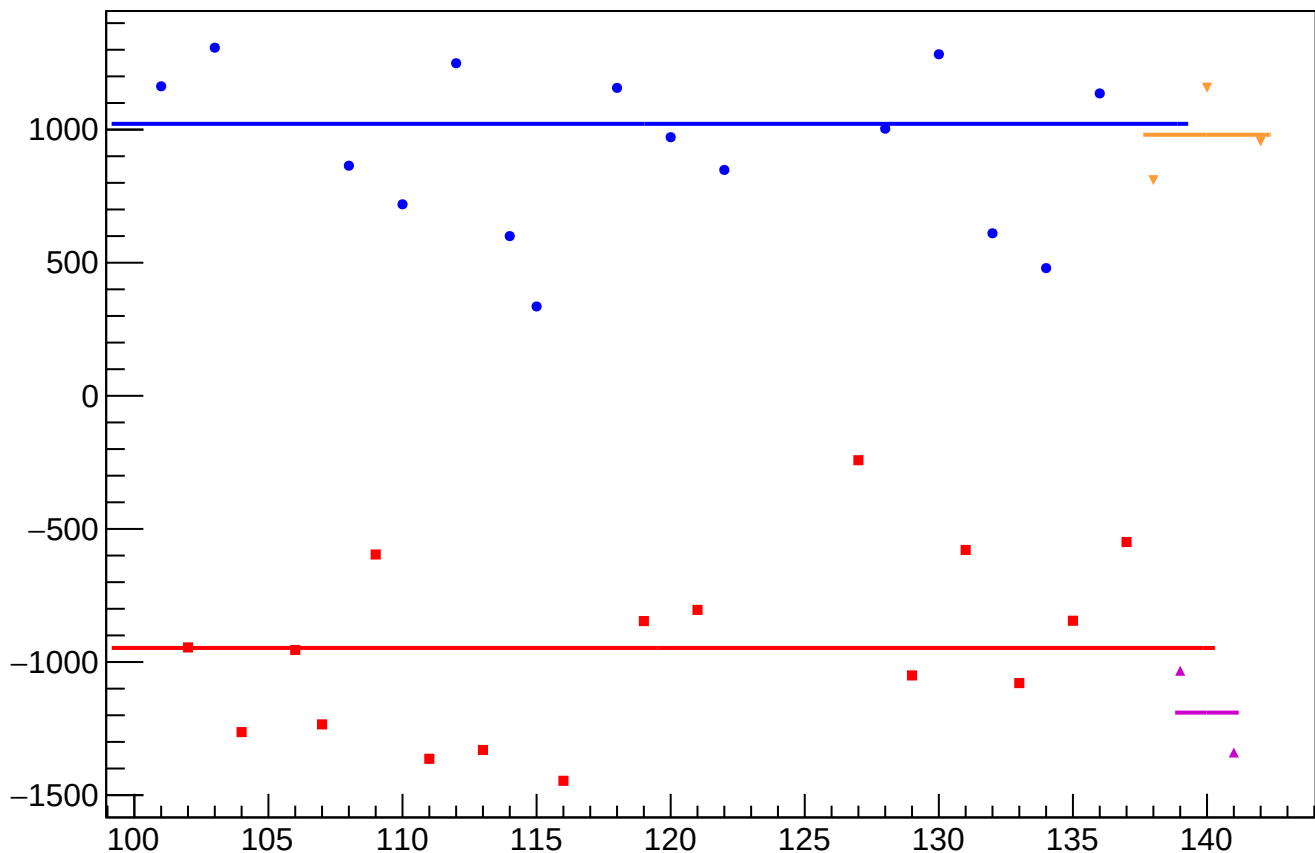
Right In: 599.849 +/- 0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

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



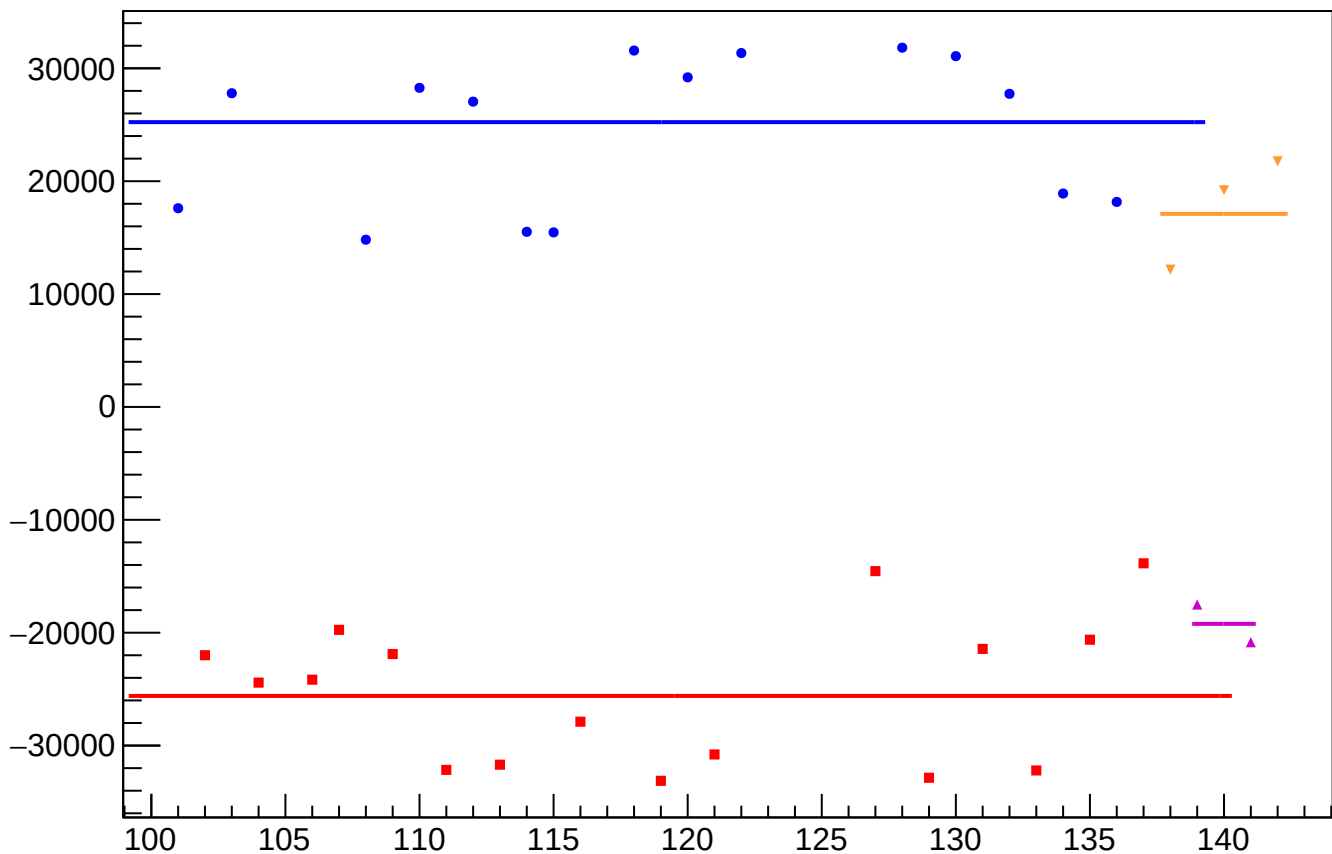
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

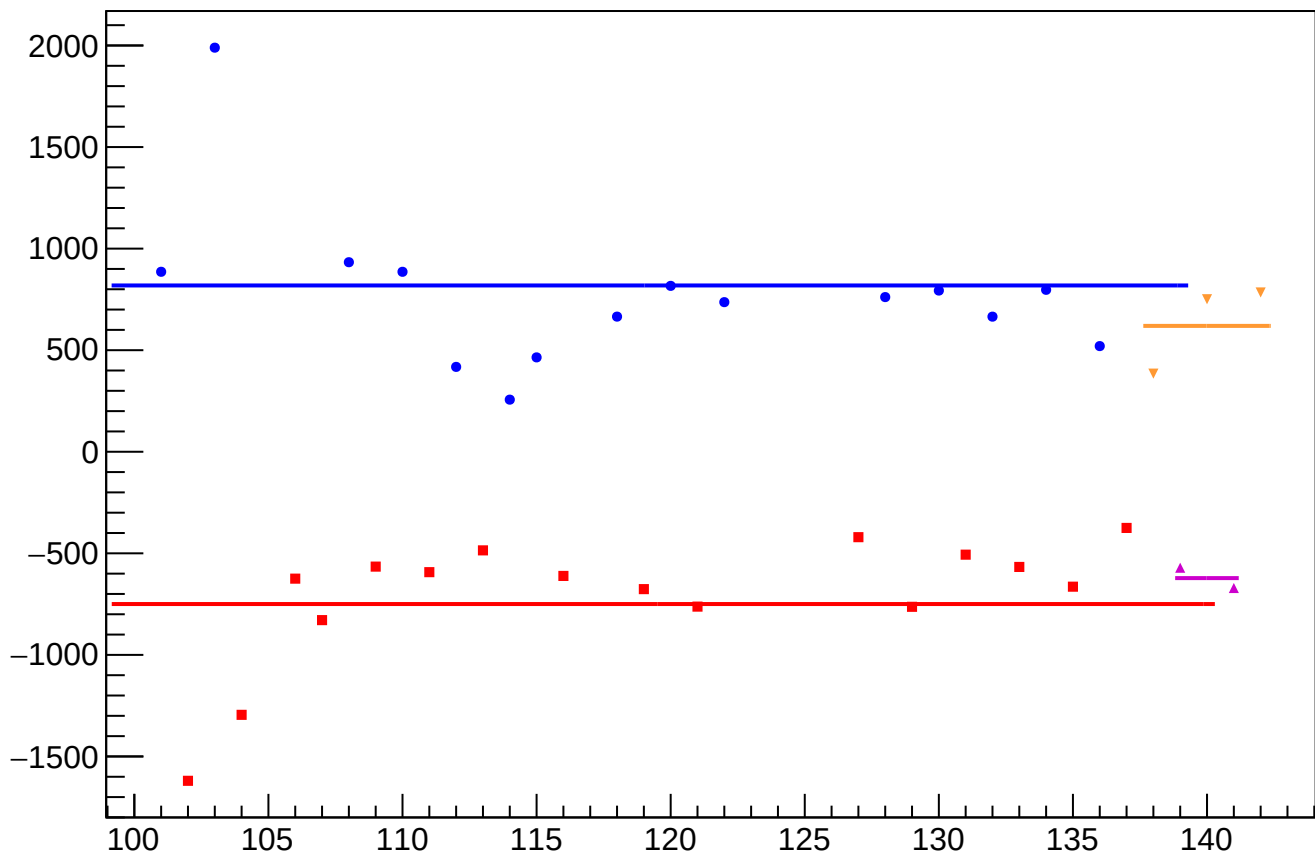
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 25232.229+/-0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 17106.231+/-0.000 χ^2/NDF : 3261321364649070170299972060597027078144.0/2
 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



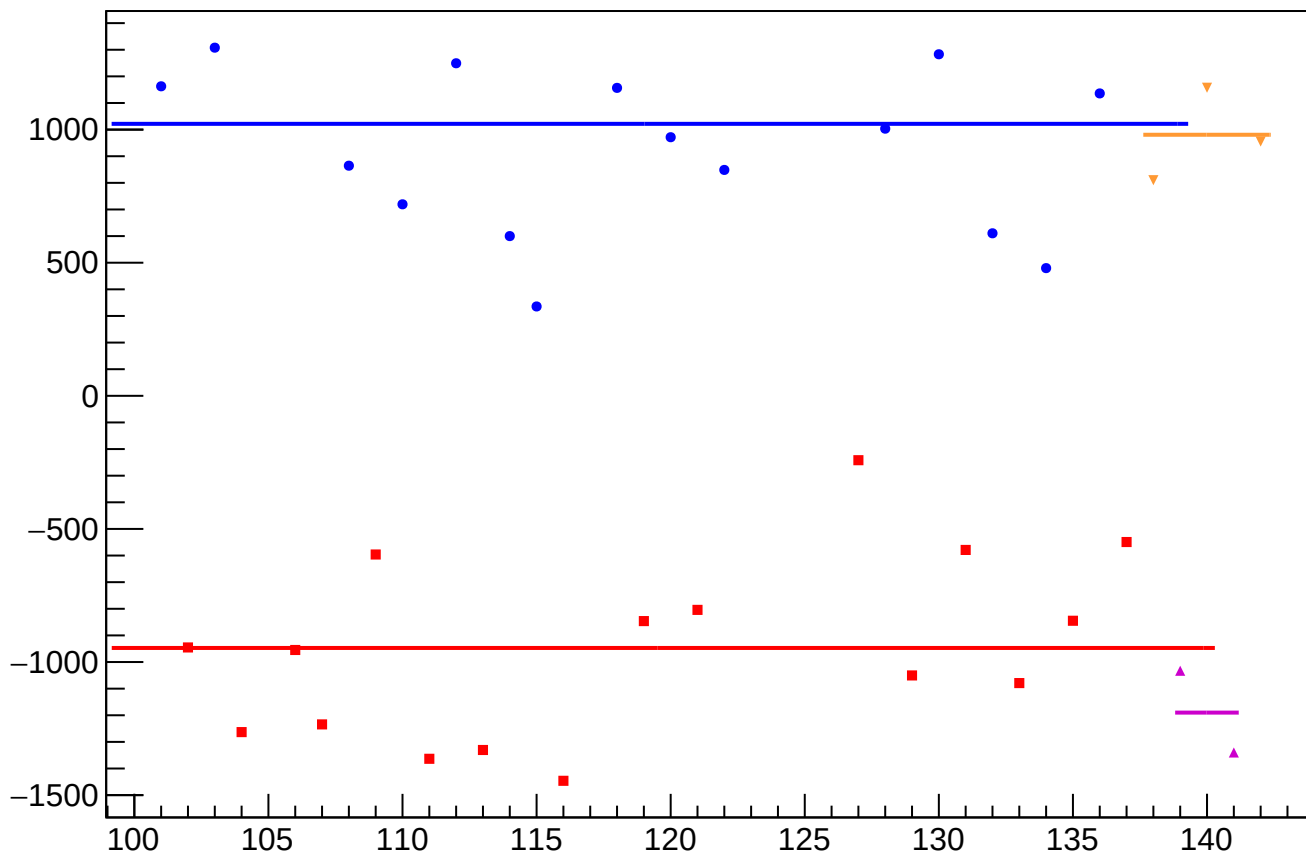
Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14

Left Out: 619.630 $\pm$ 0.000 χ^2 /NDF: 6966956925627591309666618933669527552.0/2

Right Out: -749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15

Left In: -621.990 $\pm$ 0.000 χ^2 /NDF: 41349958694220991122771405885669376.0/1

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



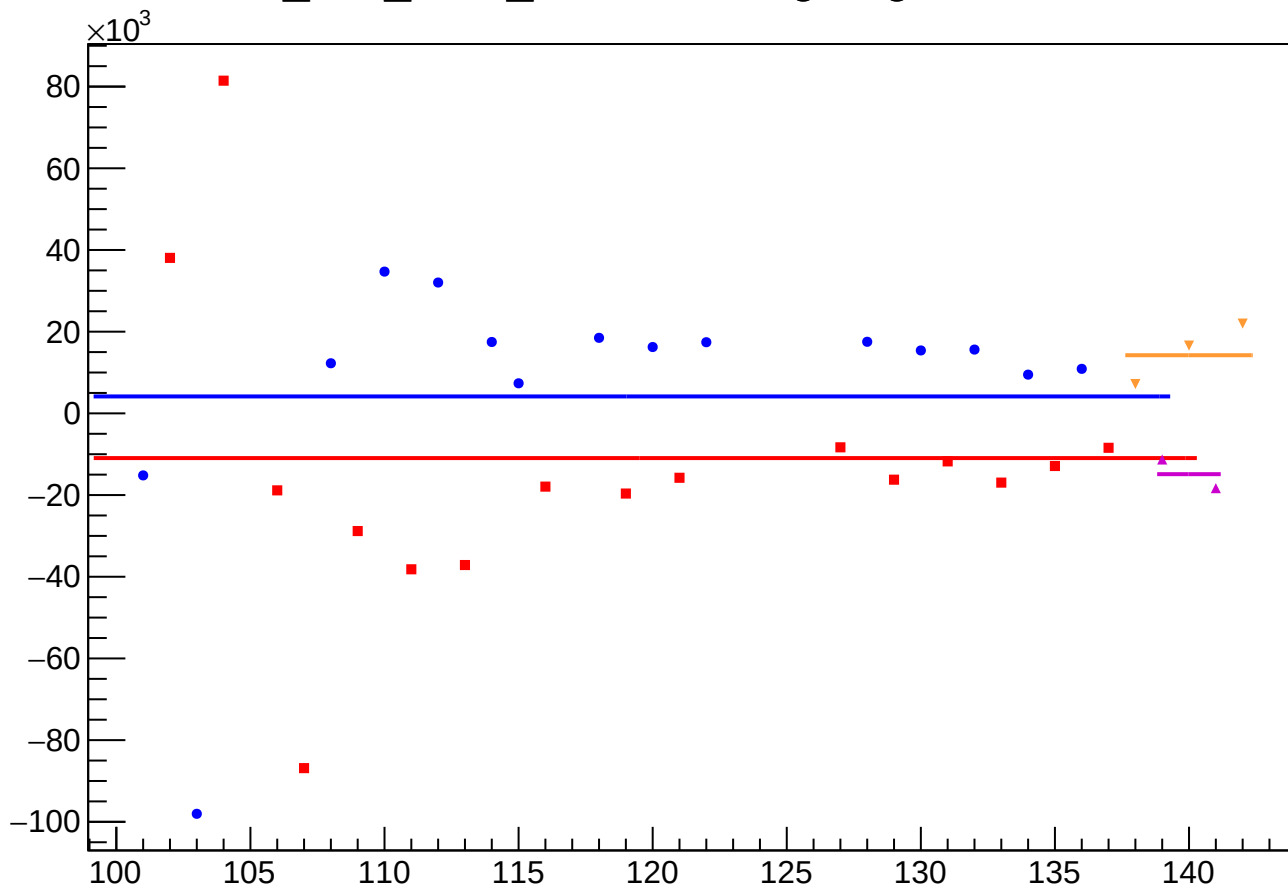
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

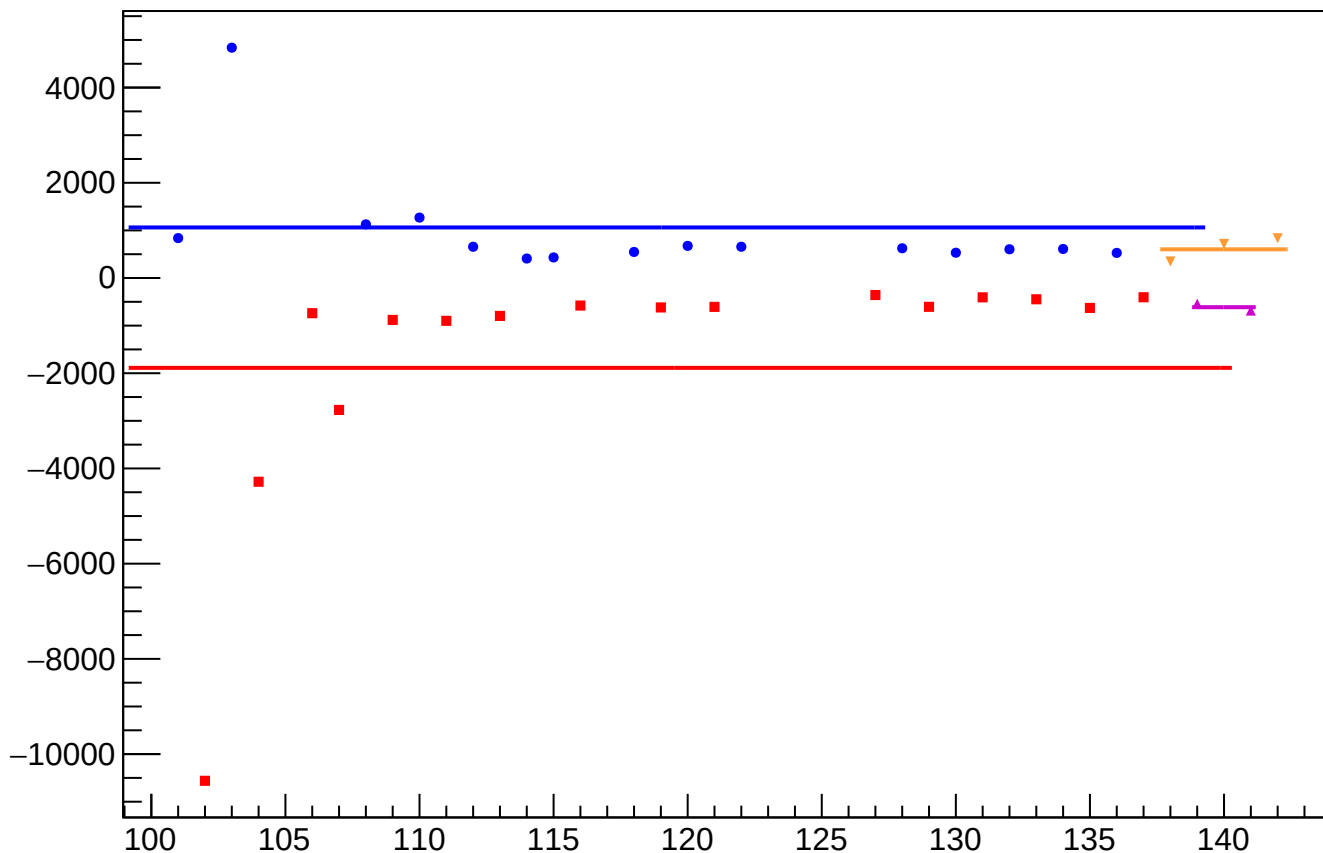
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 4145.268 ± 0.000 $\chi^2/\text{NDF}: 763693998395064689637972381933507648159744.0/14$
 Left Out: 14233.122 ± 0.000 $\chi^2/\text{NDF}: 7095698935352077759040501226439912194048.0/2$
 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



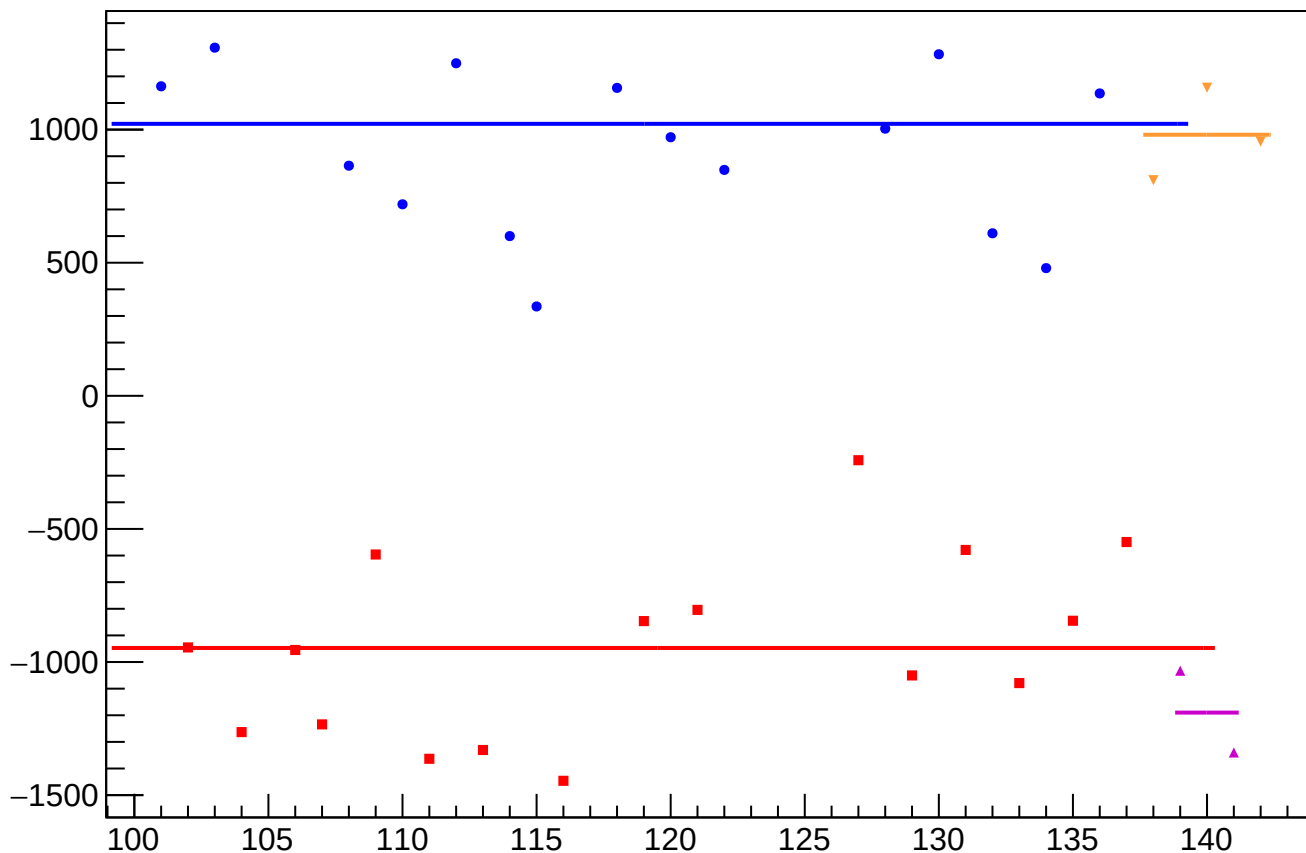
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 602.744+/-0.000 χ^2/NDF : 8621915183995127459064140638195810304.0/2

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



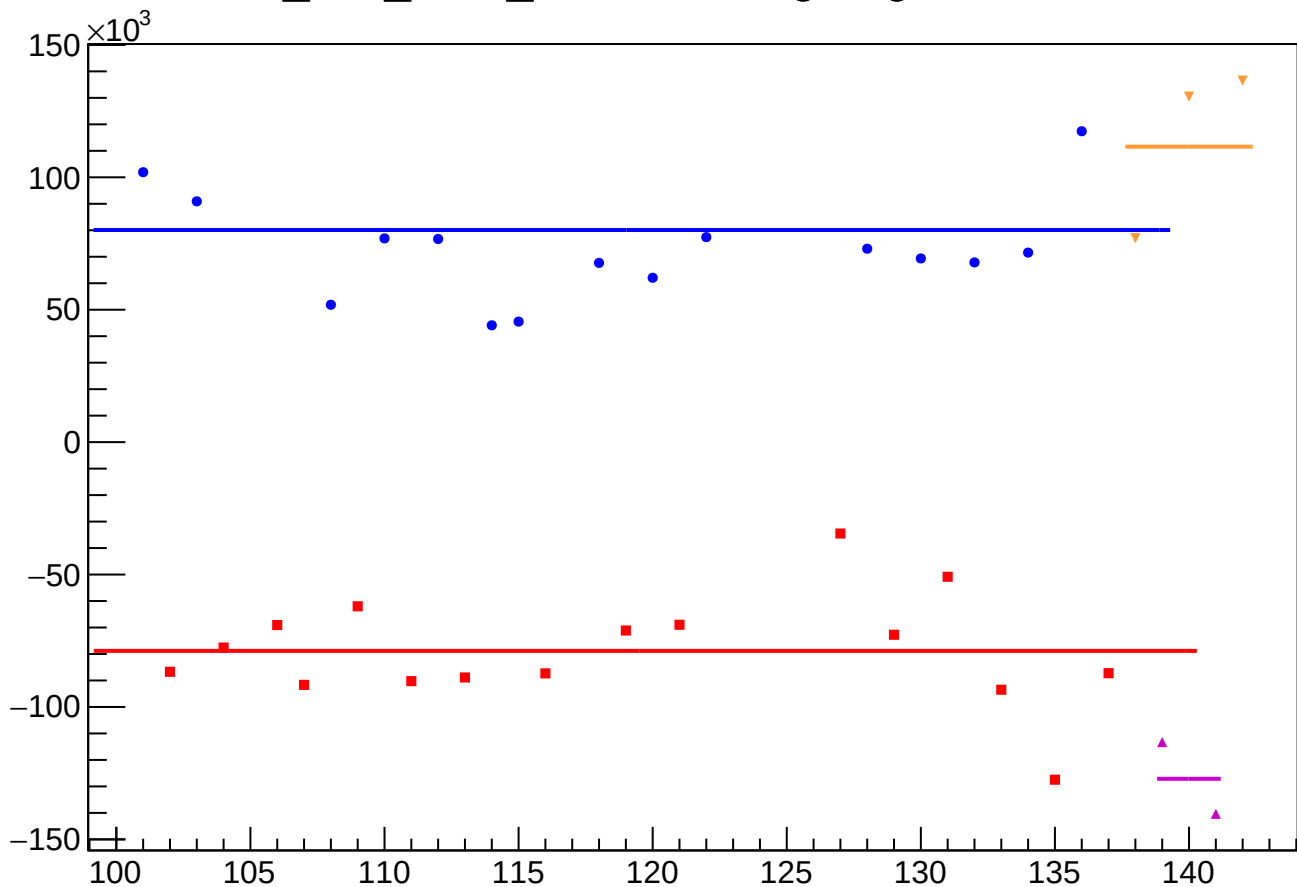
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

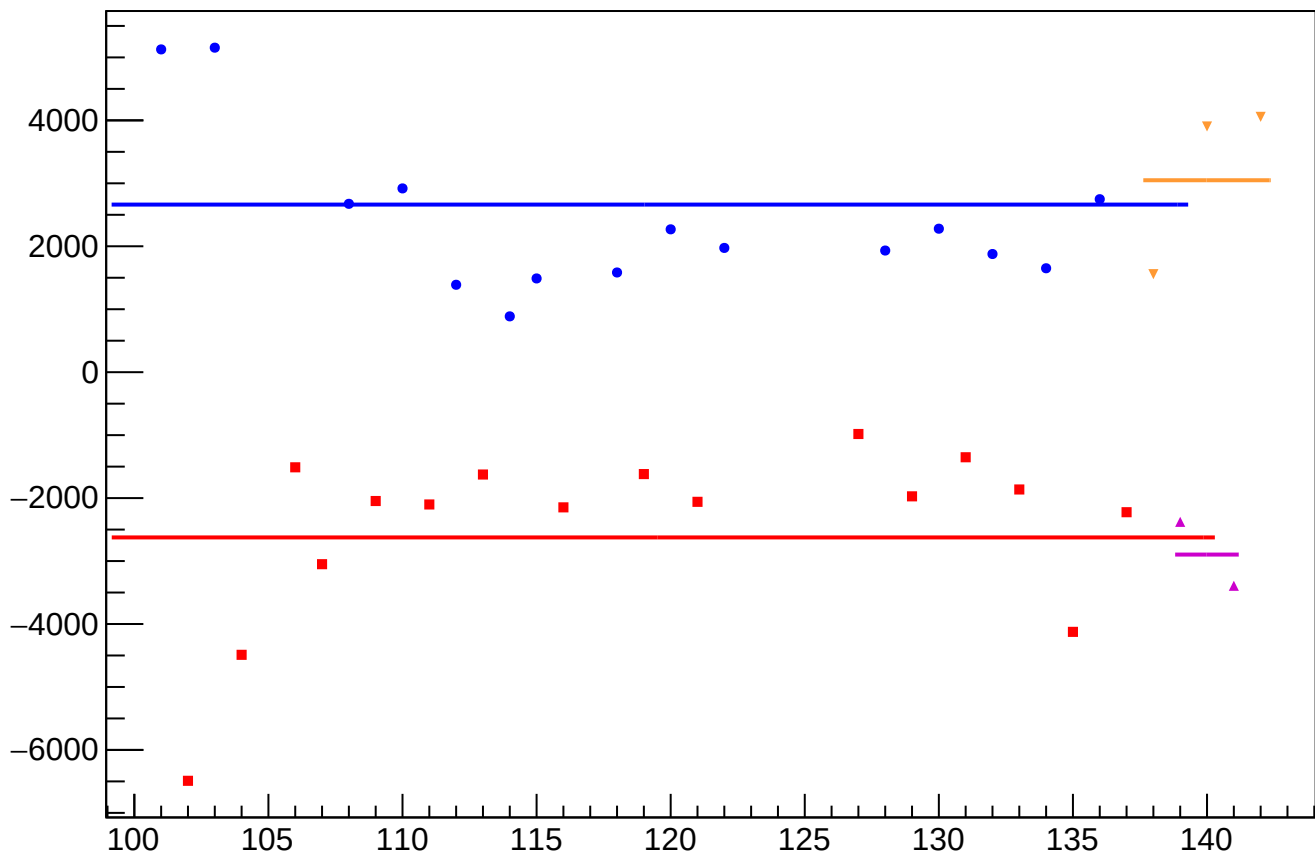
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_atl2_coil7_mean vs Slug, Sign Corrected



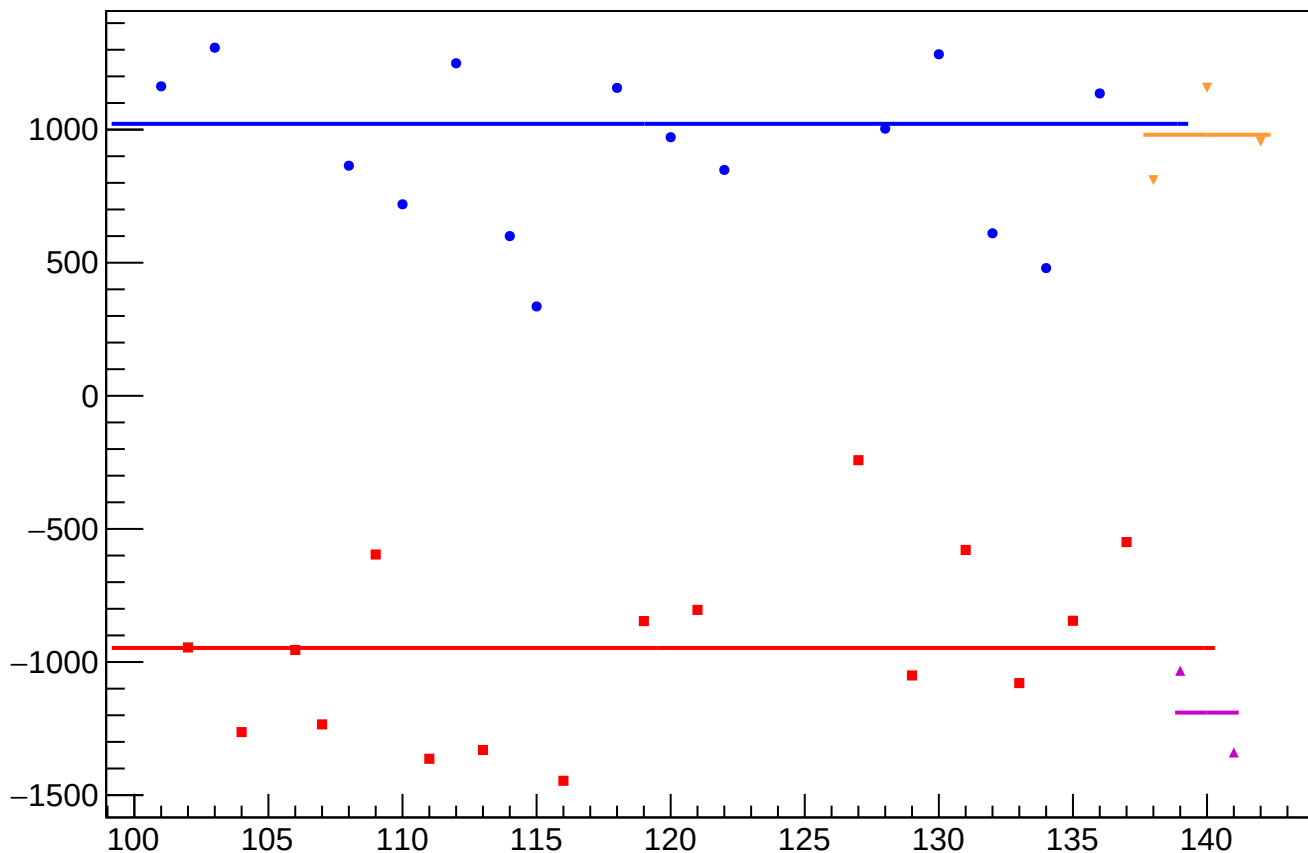
Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 111579.850 $\pm$ 0.000 χ^2 /NDF: 150908080795446872681763644747371654414336.0/2
 Right Out: -78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: -127126.895 $\pm$ 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: 3048.745+/-0.000 χ^2/NDF : 280071801774049799559193685888772079616.0/2
 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



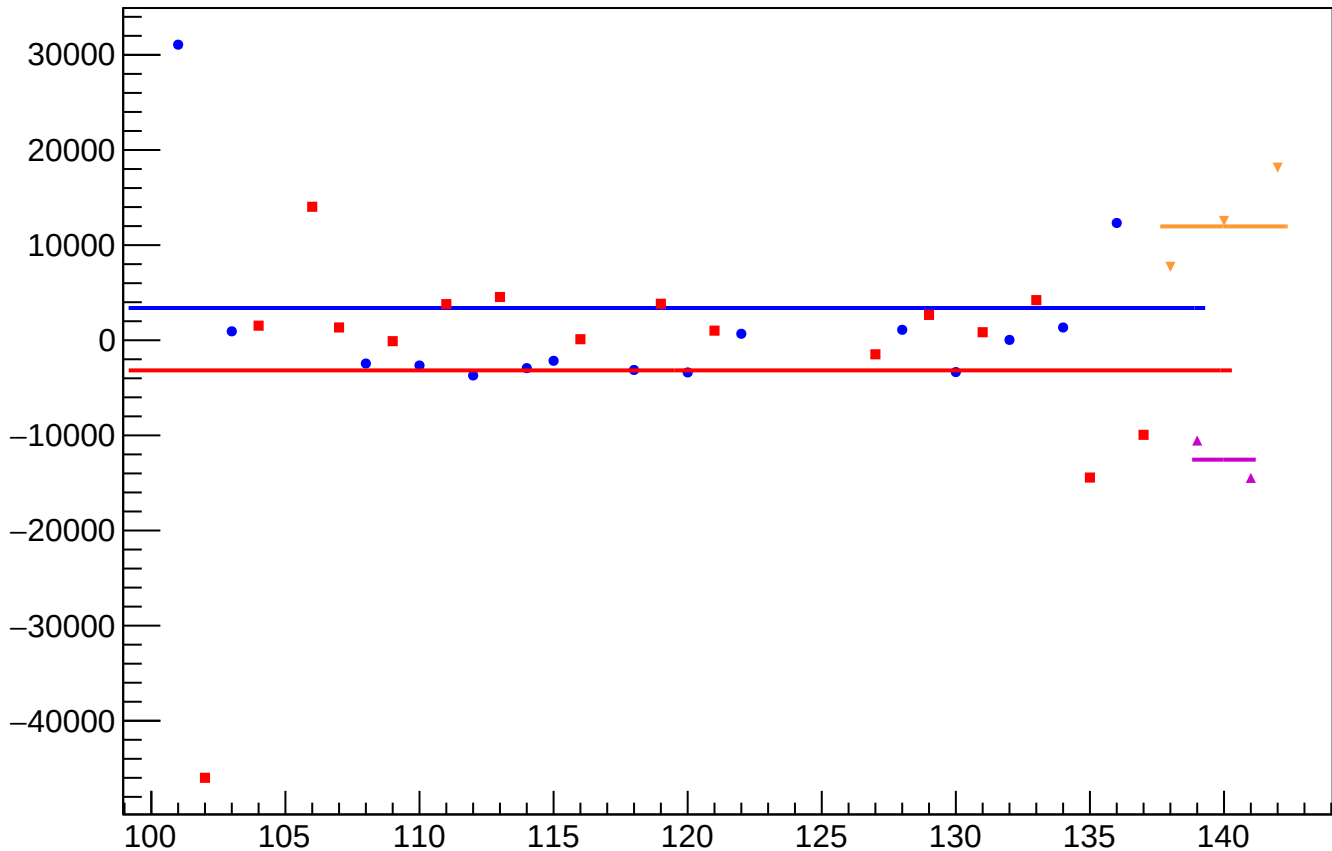
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

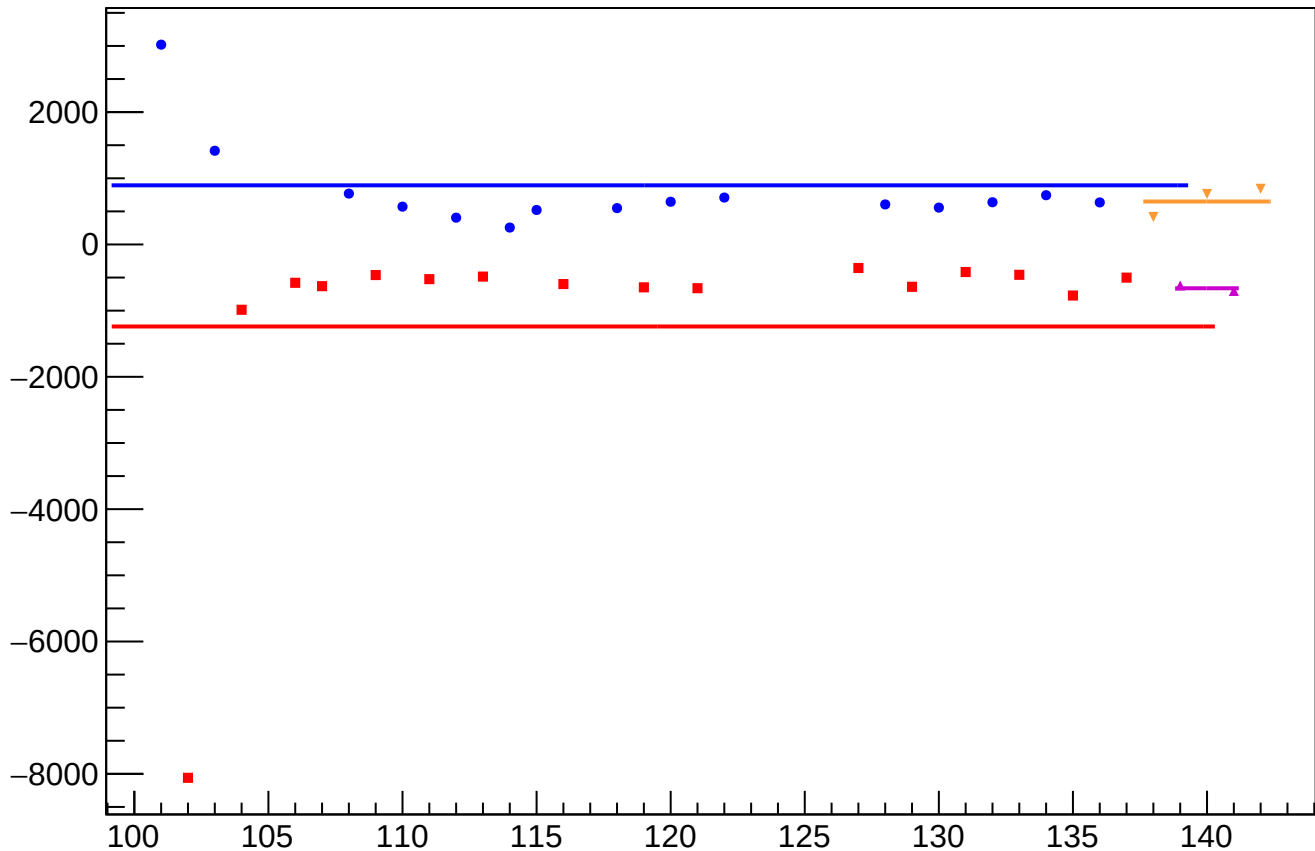
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 3390.550 +/- 0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 11967.318 +/- 0.000 χ^2/NDF : 3193493606509208361469070739648127434752.0/2
 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



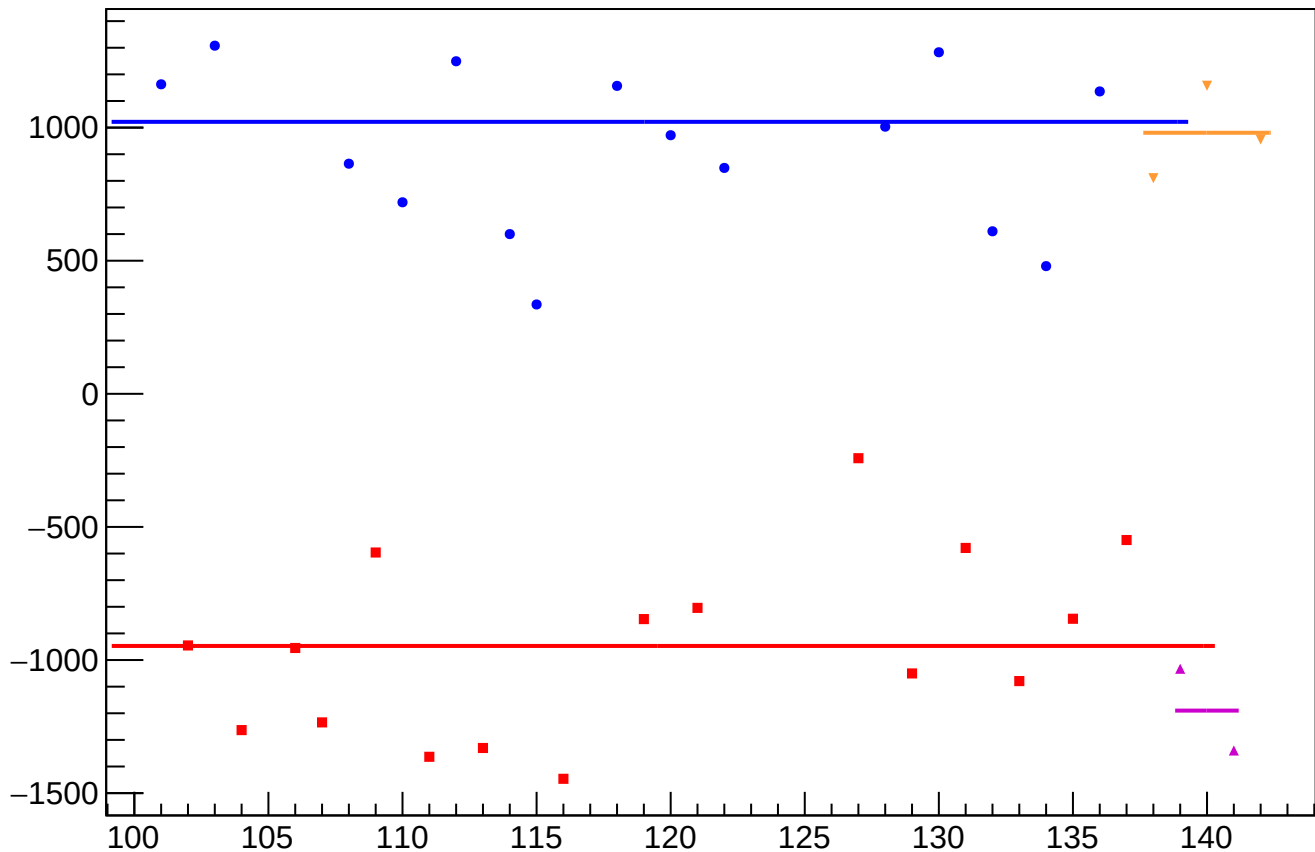
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 649.094+/-0.000 χ^2/NDF : 7017900881908186773498514927129722880.0/2

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



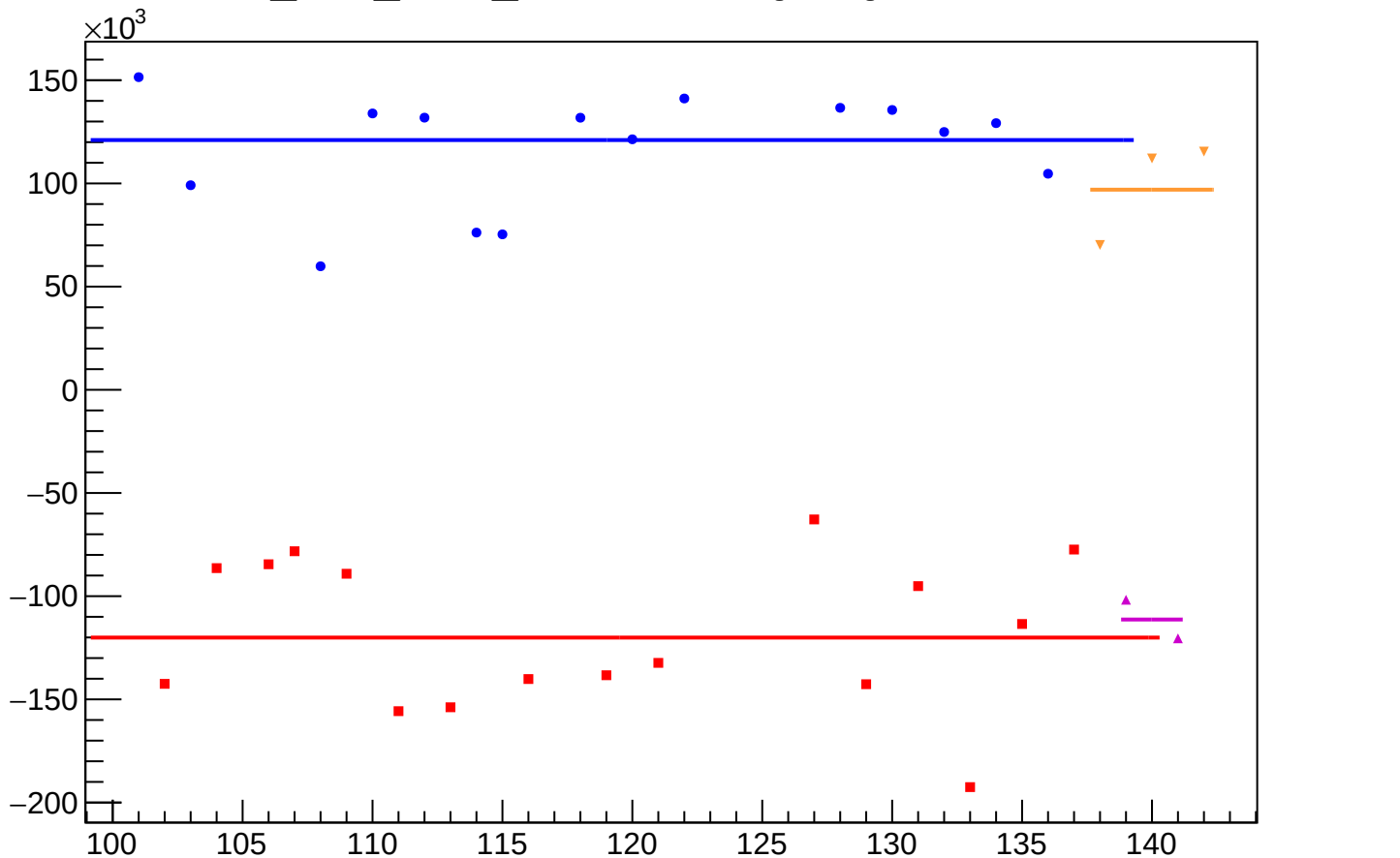
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

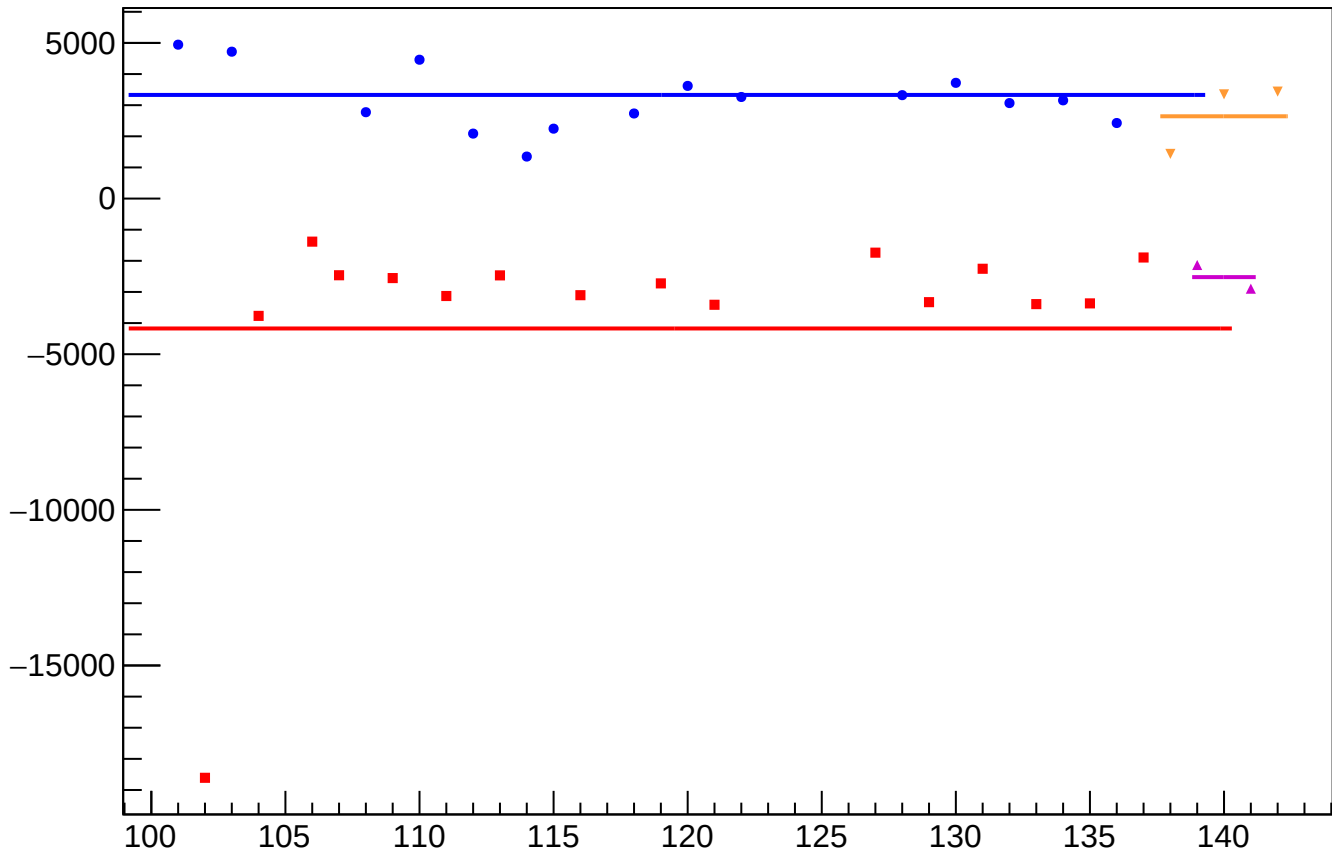
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_atr2_coil7_mean vs Slug, Sign Corrected



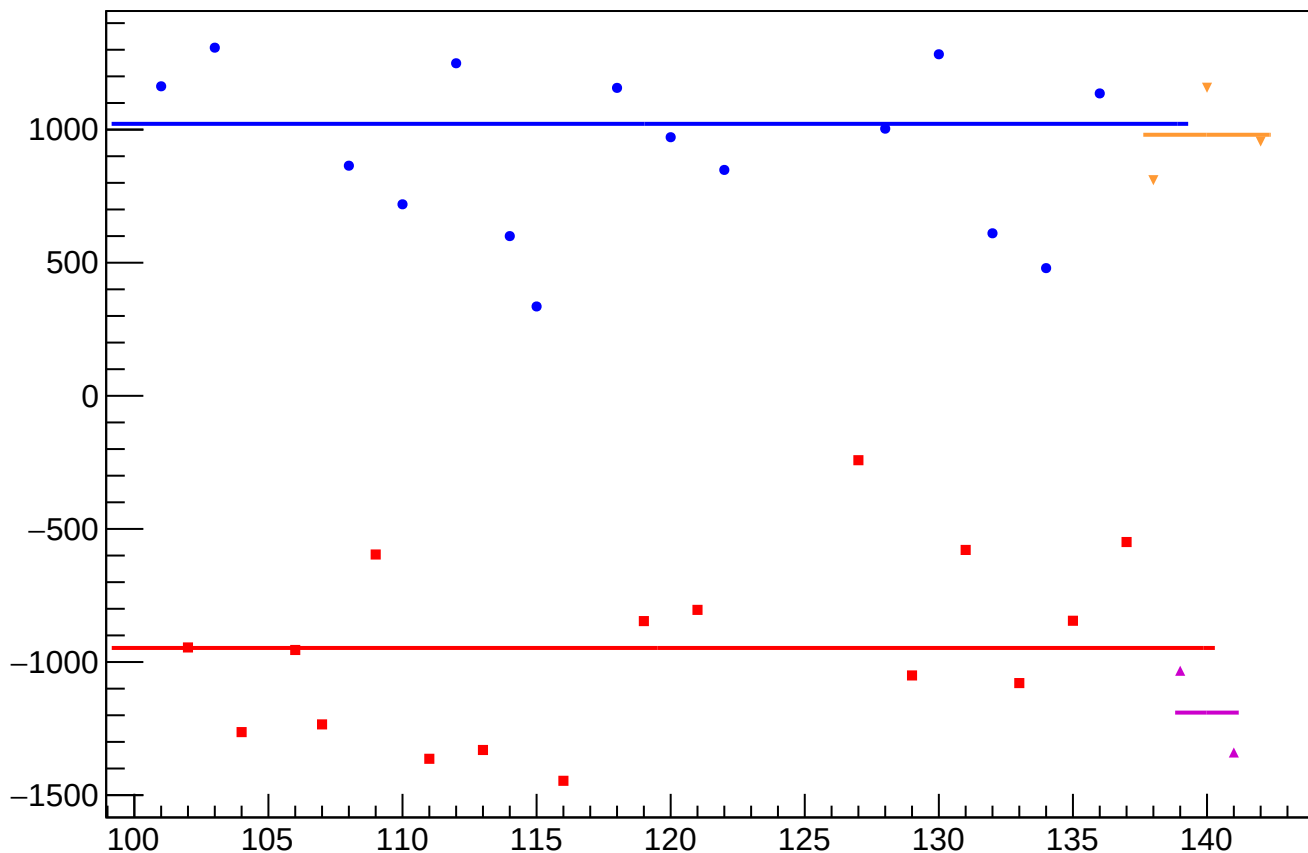
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 96972.696 $\pm$ 0.000 χ^2 /NDF: 90420784006756468877069875768790848897024.0/2
 Right Out: -120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: -111309.118 $\pm$ 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: 2643.370 $\pm$ 0.000 χ^2 /NDF: 183466764002600757991968312718685896704.0/2
 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



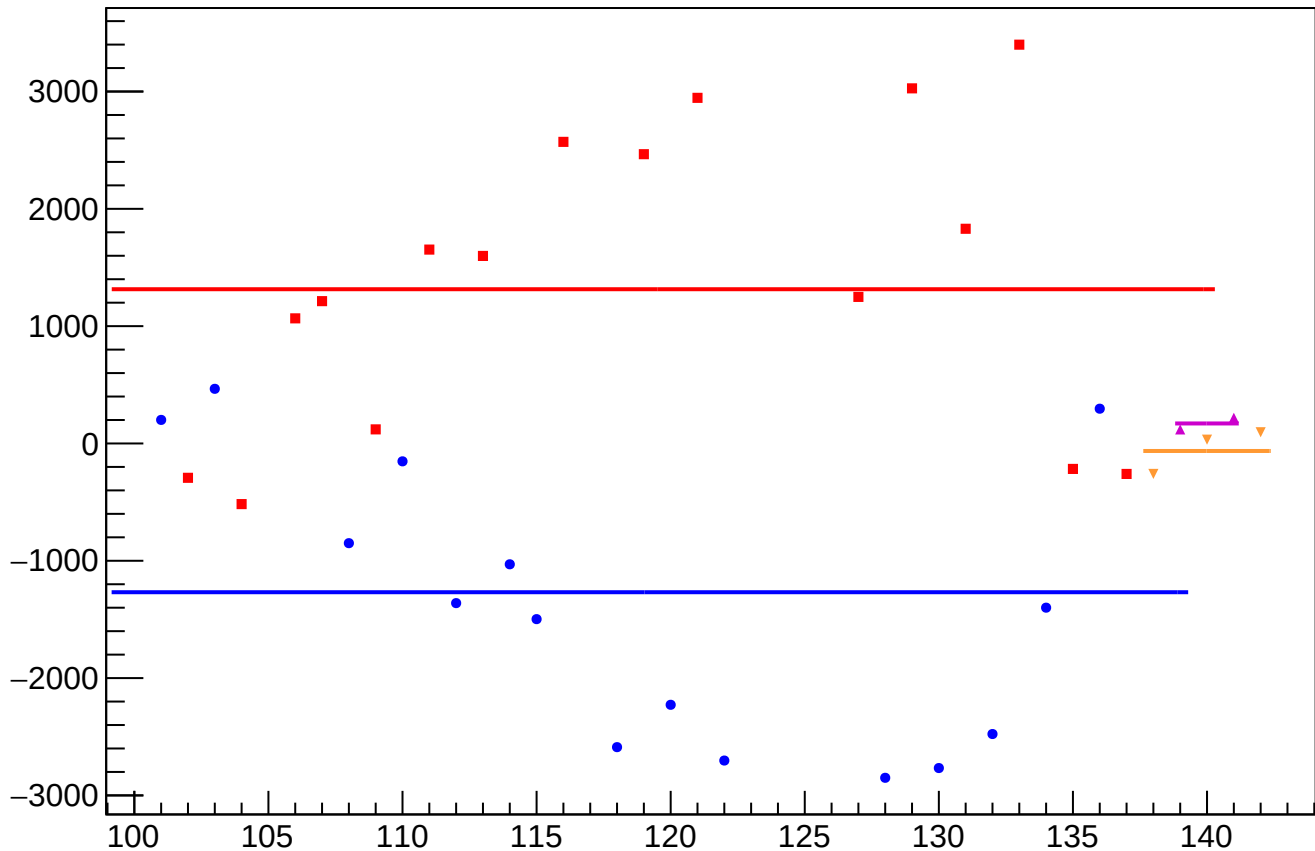
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 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_sam1_coil7_mean vs Slug, Sign Corrected



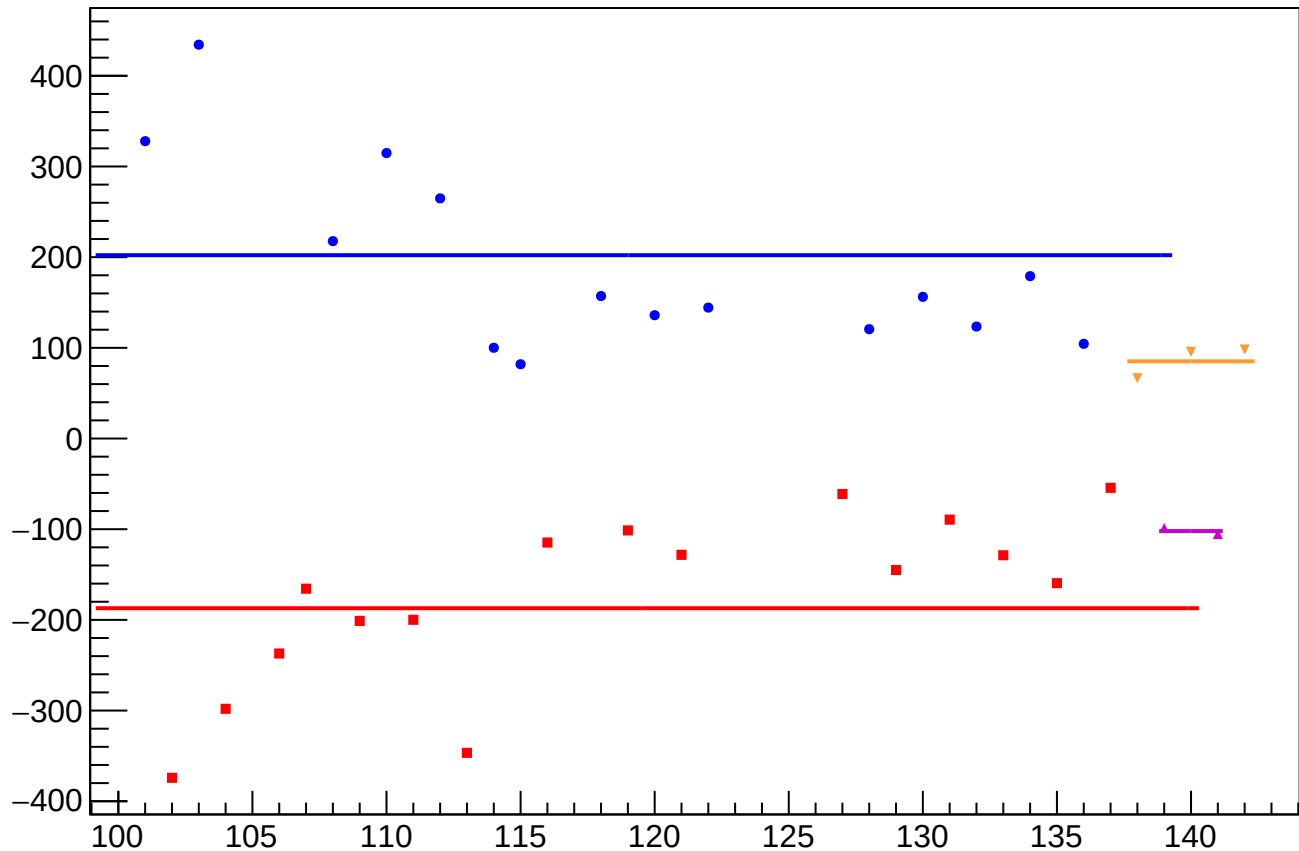
Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: -64.040+/-0.000 χ^2/NDF : 4915848988449521238550613980774137856.0/2

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



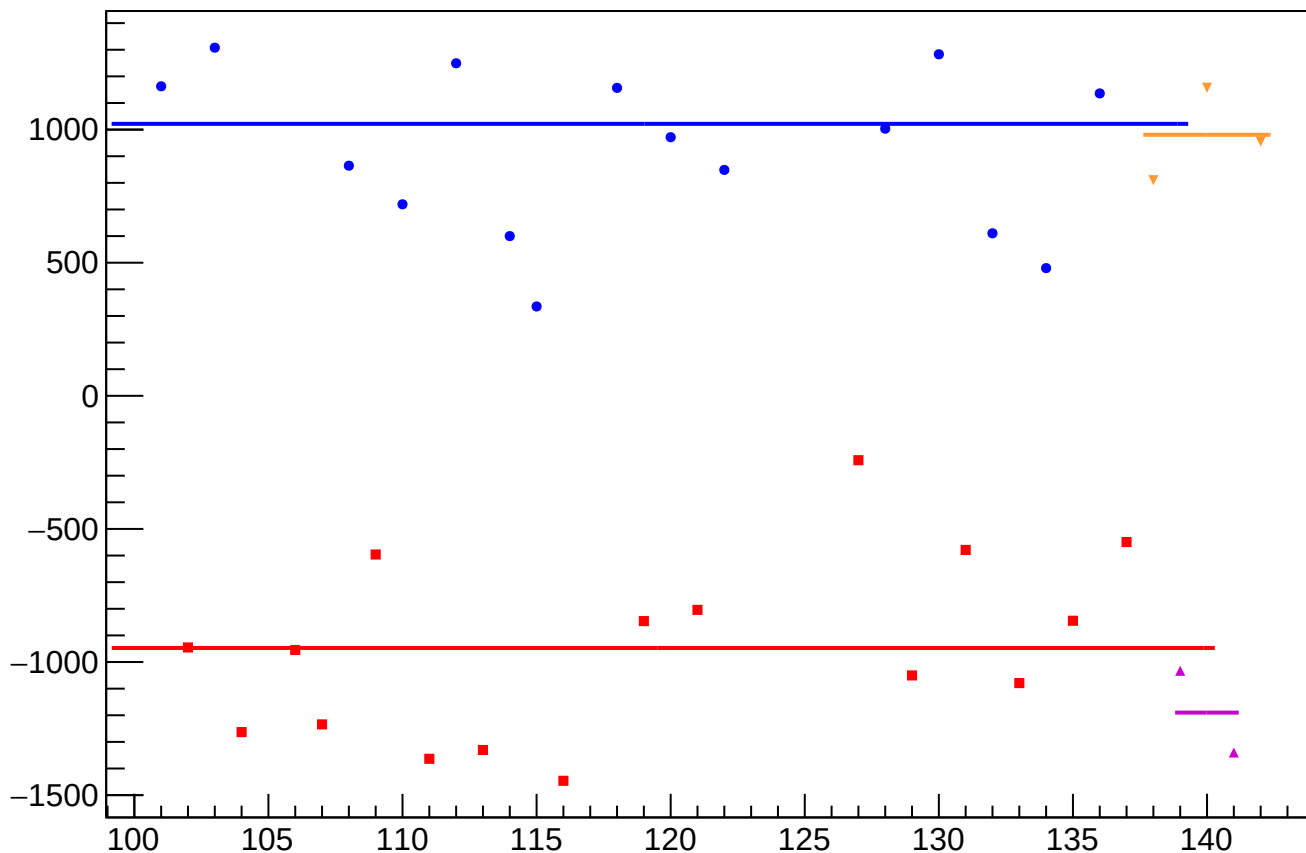
Right In: 202.191 $\pm$ 0.000 χ^2 /NDF: 7027941052752849066369040650615128064.0/14

Left Out: 85.149 $\pm$ 0.000 χ^2 /NDF: 43896451866803138982710271774031872.0/2

Right Out: -187.126 $\pm$ 0.000 χ^2 /NDF: 6230029491605524746936515809941389312.0/15

Left In: -102.057 $\pm$ 0.000 χ^2 /NDF: 1829526798030354229377807828385792.0/1

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



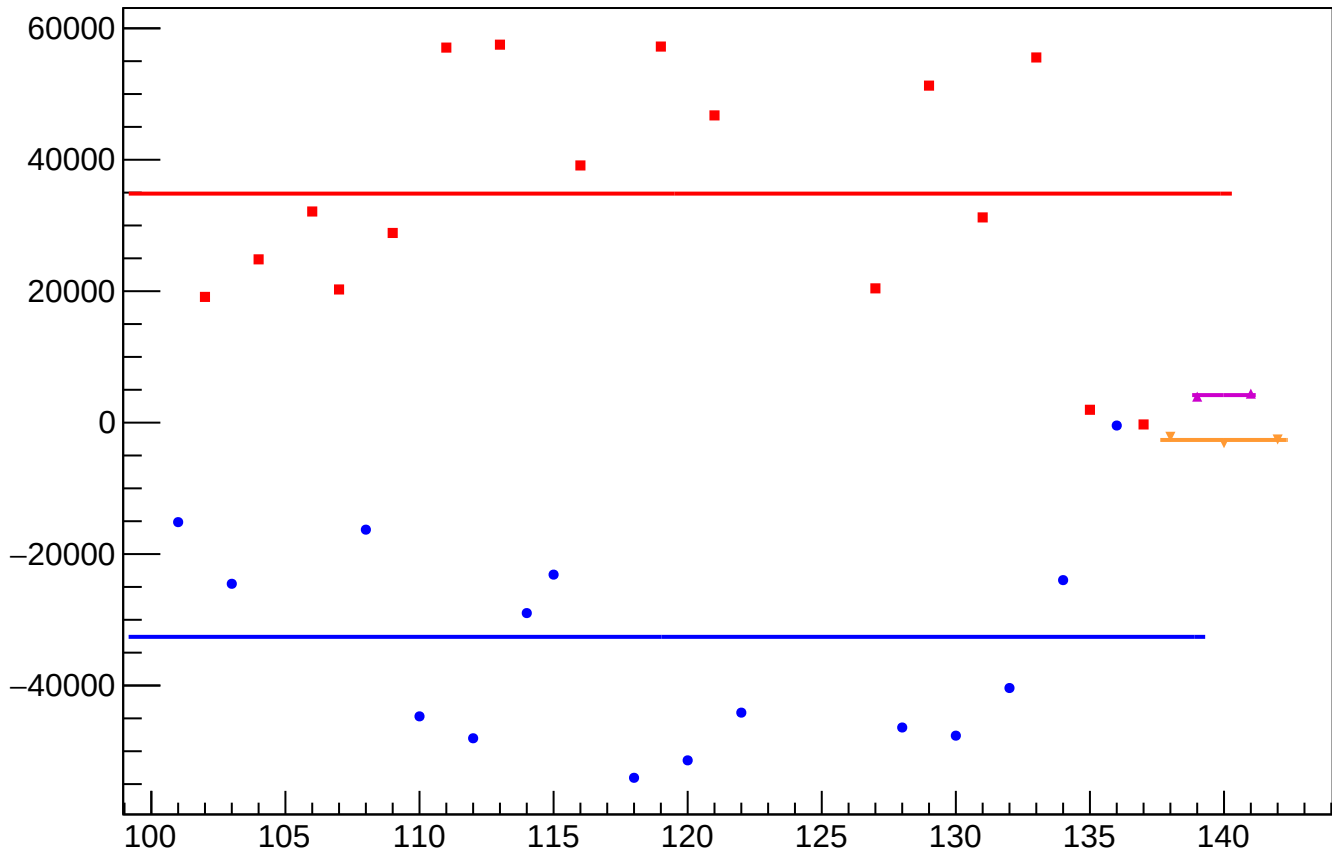
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

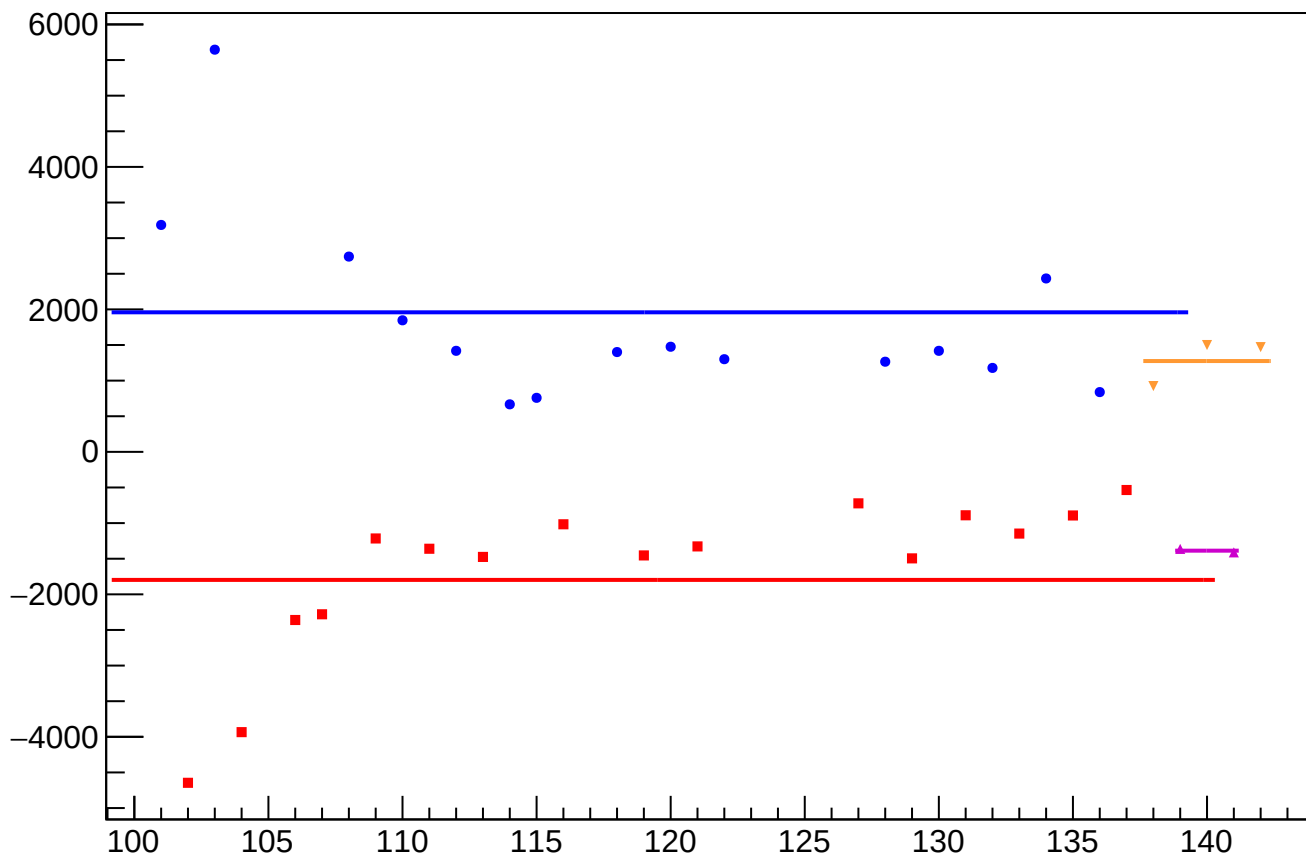
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam2_coil7_mean vs Slug, Sign Corrected



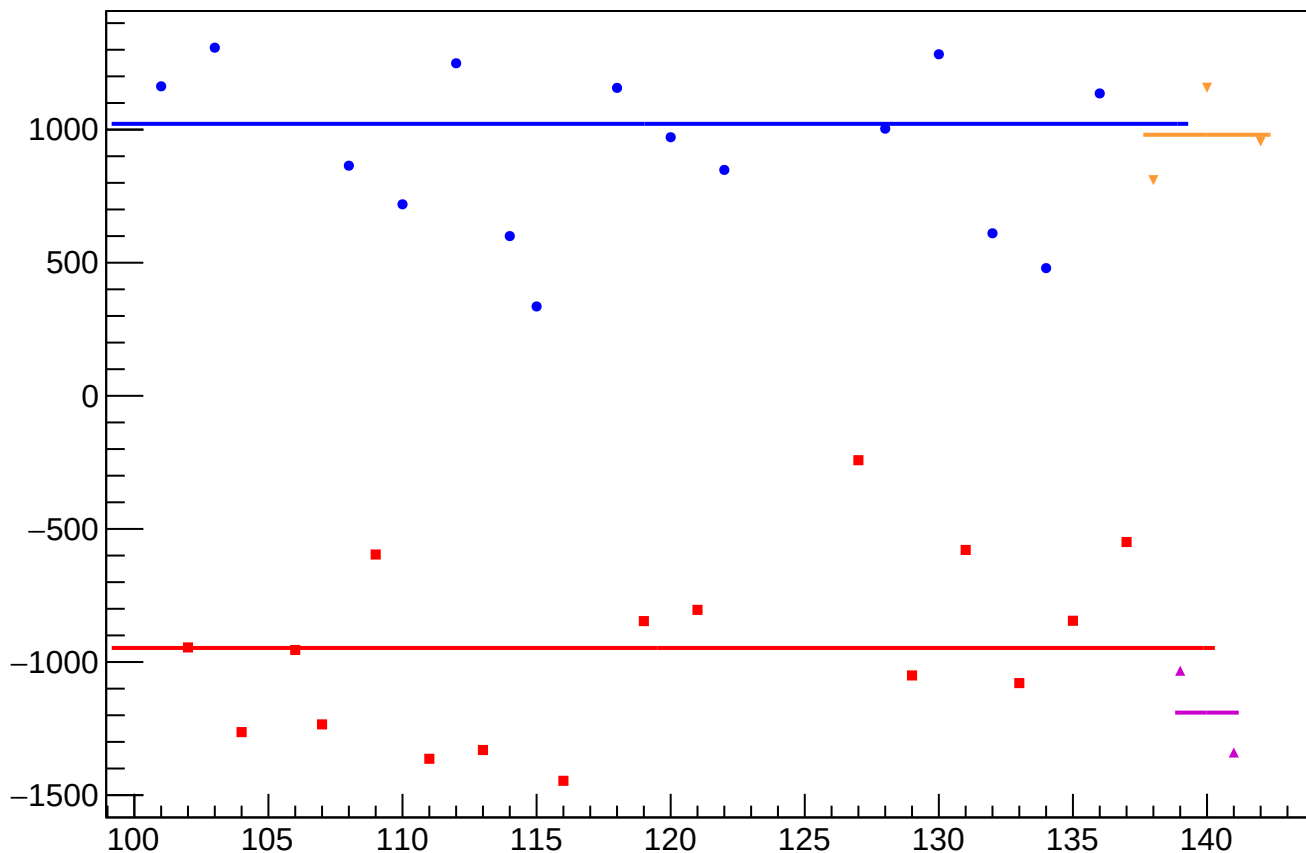
Right In: -32594.962 ± 0.000 $\chi^2/\text{NDF}: 209150369207000564489724529020922520141824.0/14$
 Left Out: -2635.042 ± 0.000 $\chi^2/\text{NDF}: 38166077939345541701952716865338867712.0/2$
 Right Out: 34848.046 ± 0.000 $\chi^2/\text{NDF}: 221127702024811719232559434097324967591936.0/15$
 Left In: 4190.882 ± 0.000 $\chi^2/\text{NDF}: 8648761879054667895504206302474665984.0/1$

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 1958.835 $\pm$ 0.000 χ^2 /NDF: 1189322999631358431600643692981190131712.0/14
 Left Out: 1274.871 $\pm$ 0.000 χ^2 /NDF: 15528244302454520944095068724553318400.0/2
 Right Out: -1797.392 $\pm$ 0.000 χ^2 /NDF: 955096623879958195657195074614240215040.0/15
 Left In: -1386.983 $\pm$ 0.000 χ^2 /NDF: 99321537729763257695965417209593856.0/1

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



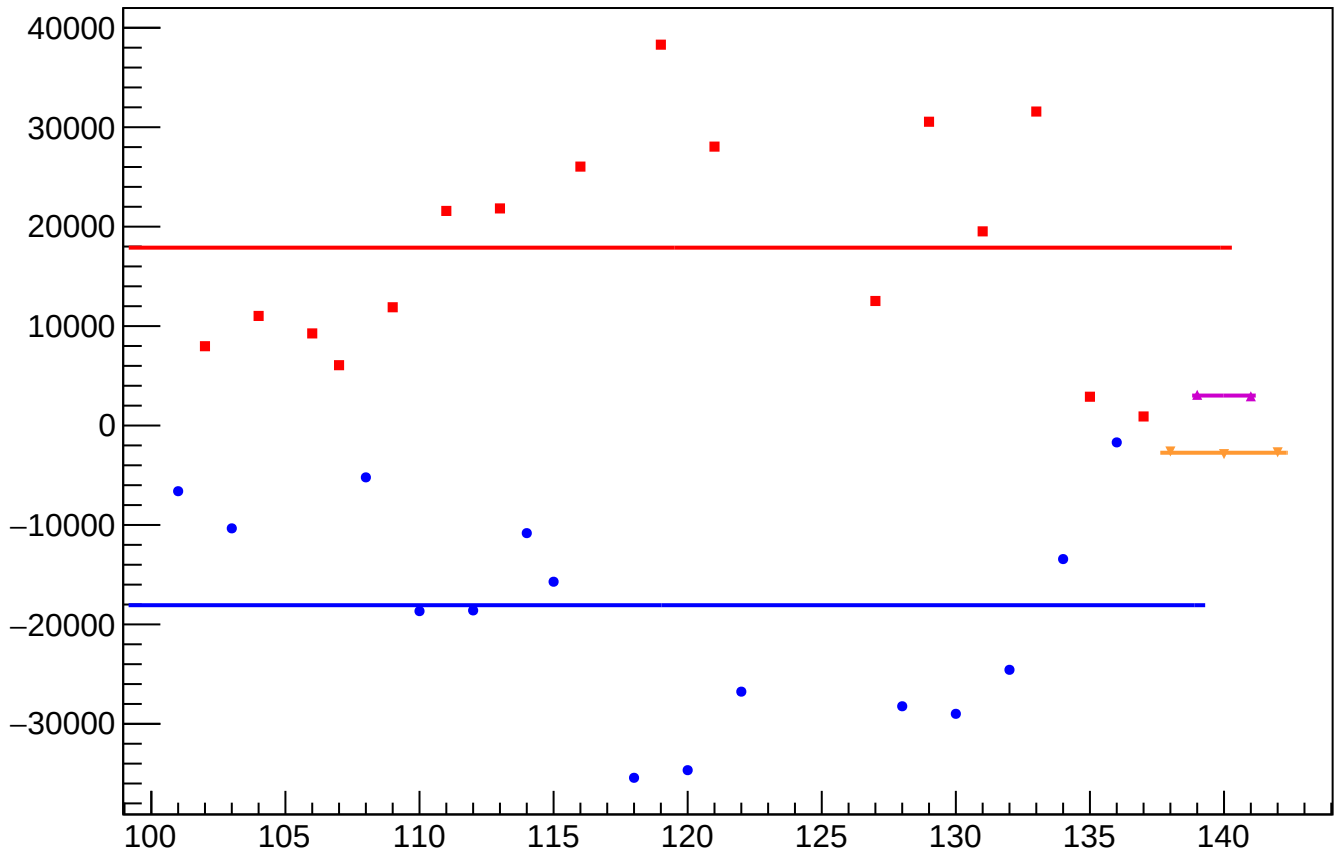
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660 ± 0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

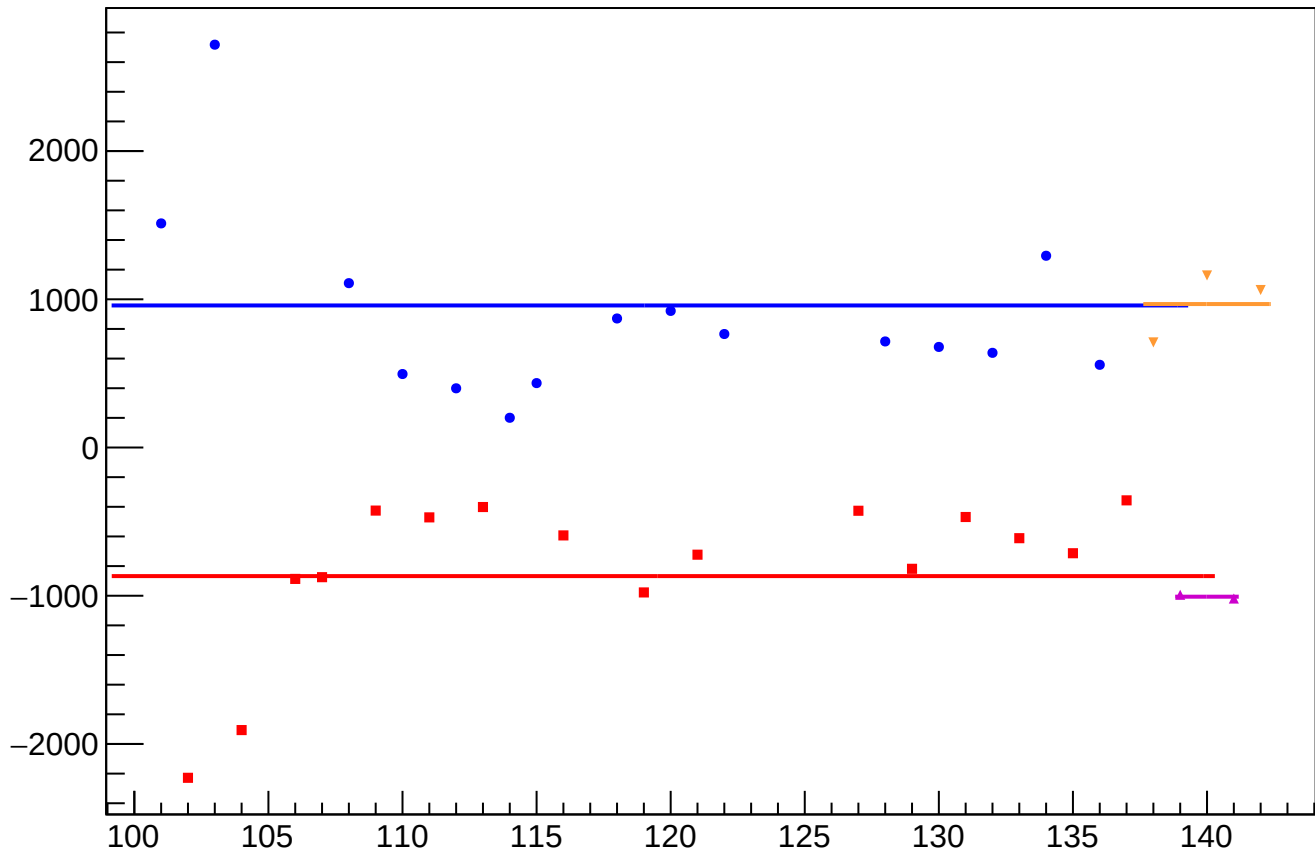
Left In: -1189.976 ± 0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -2735.739+/-0.000 χ^2/NDF : 2932945905931098169729959071053774848.0/2
 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



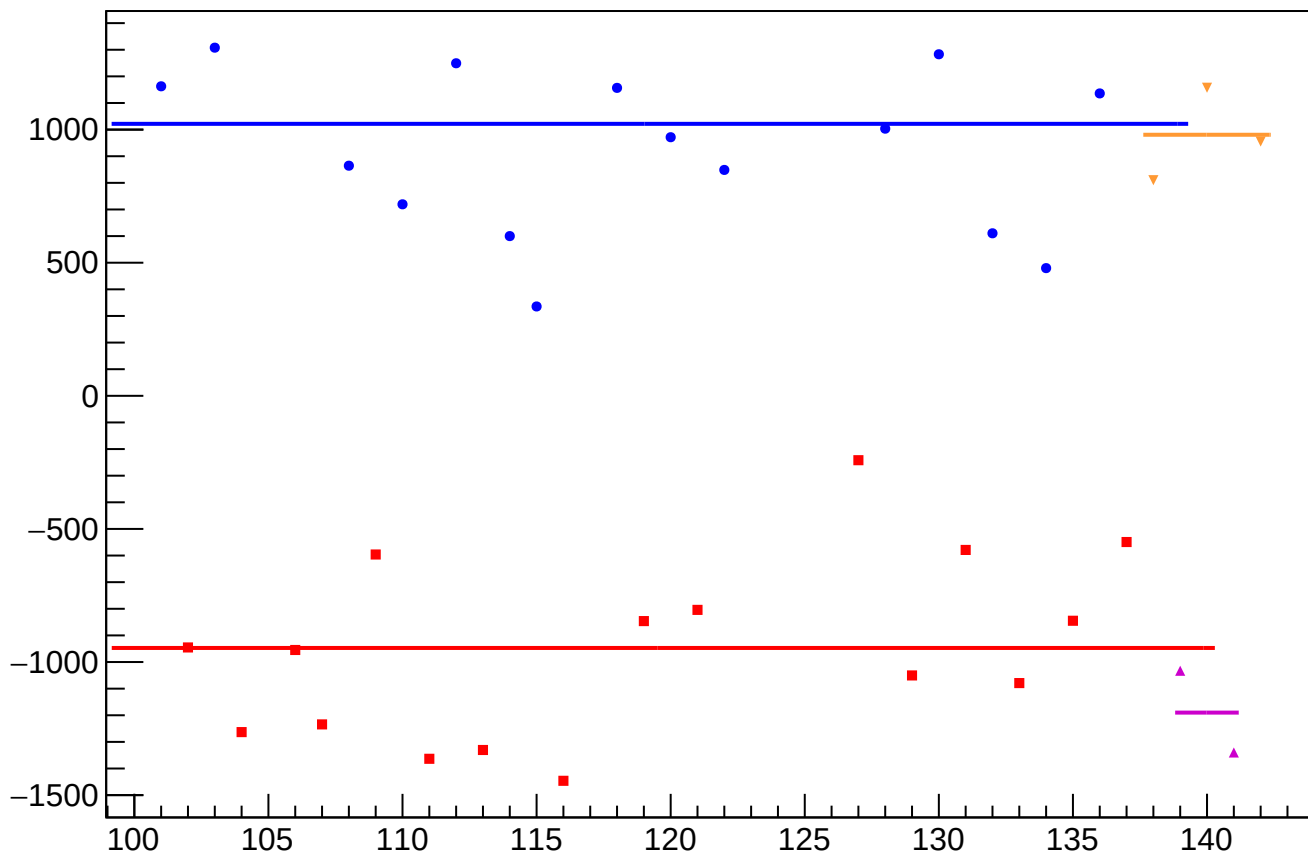
Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 967.889+/-0.000 χ^2/NDF : 8687839888643901086112720898473590784.0/2

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



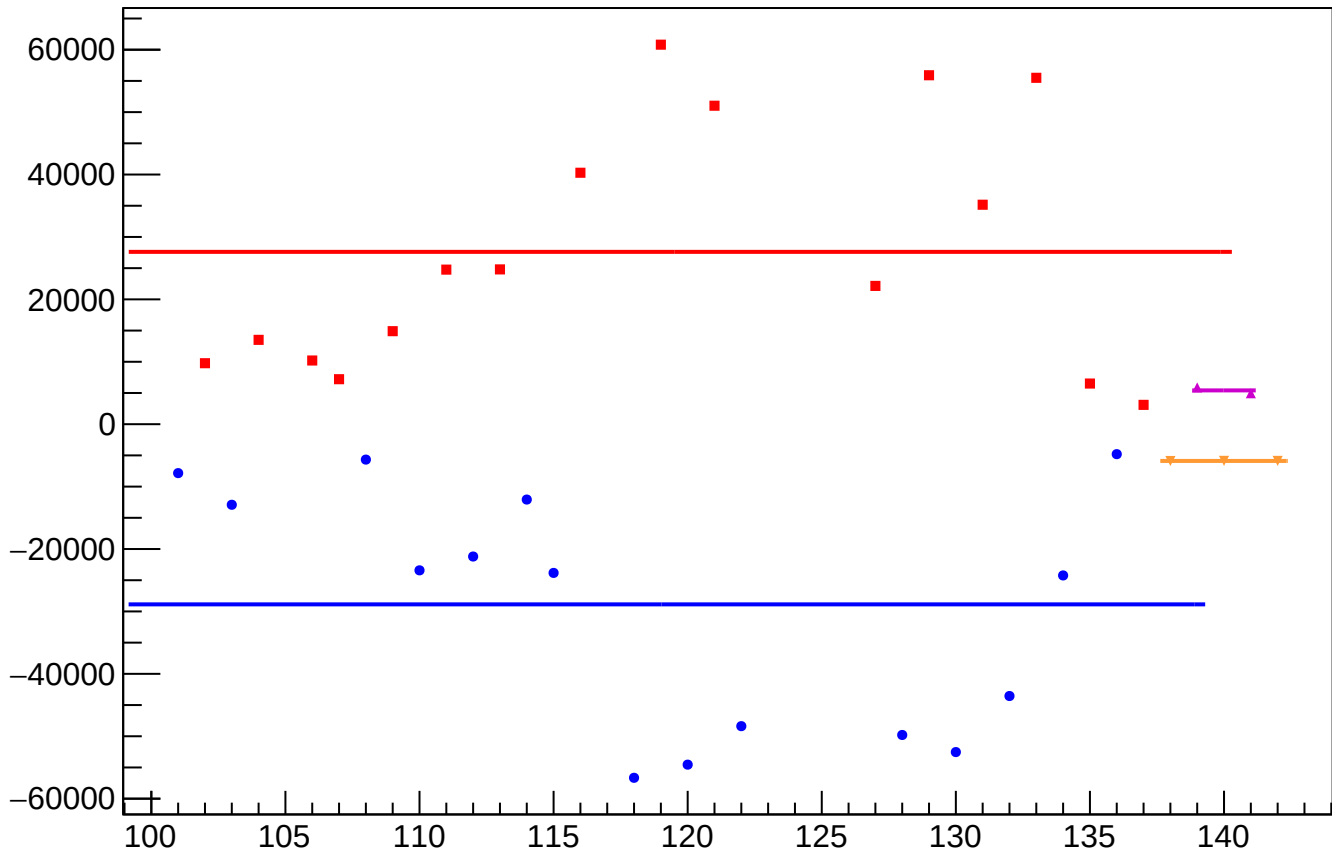
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660 ± 0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

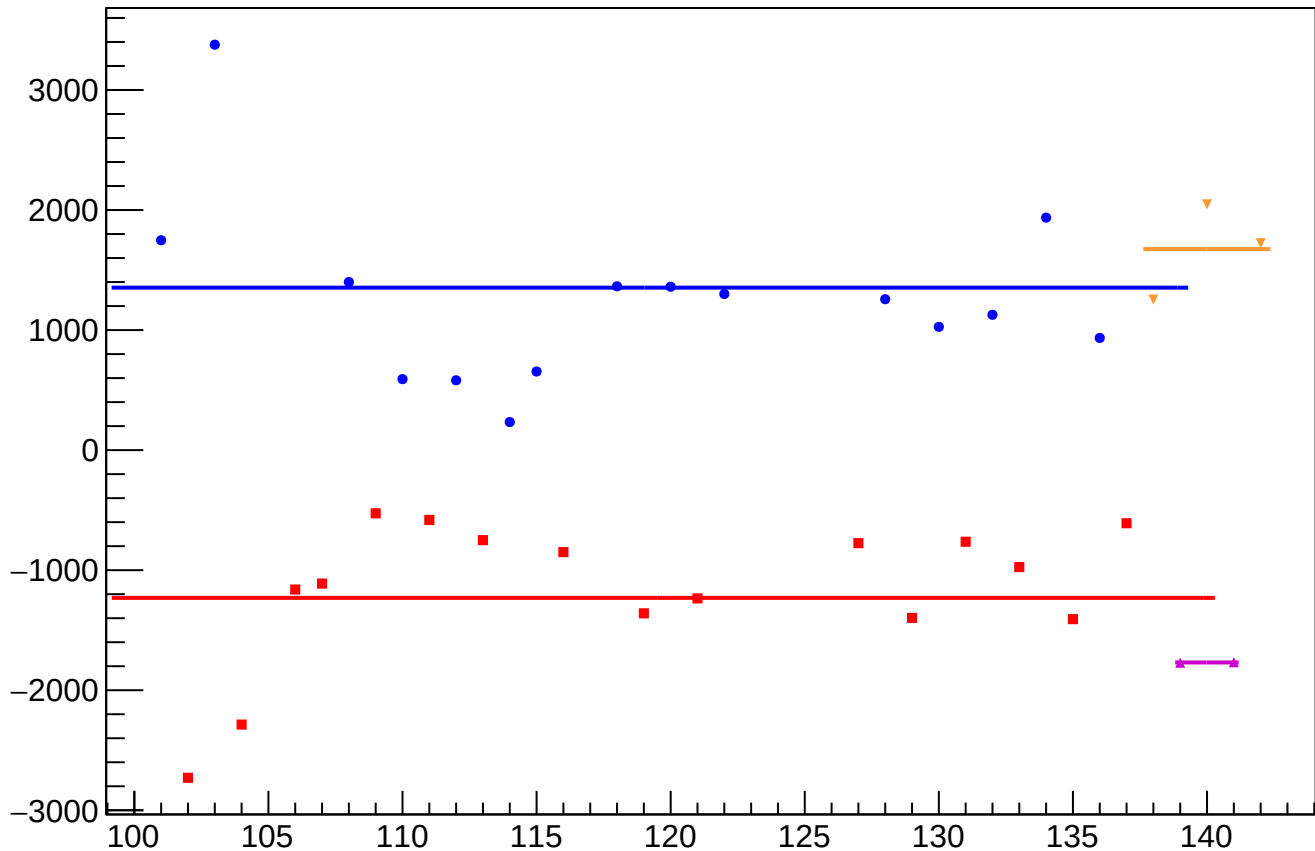
Left In: -1189.976 ± 0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam4_coil7_mean vs Slug, Sign Corrected



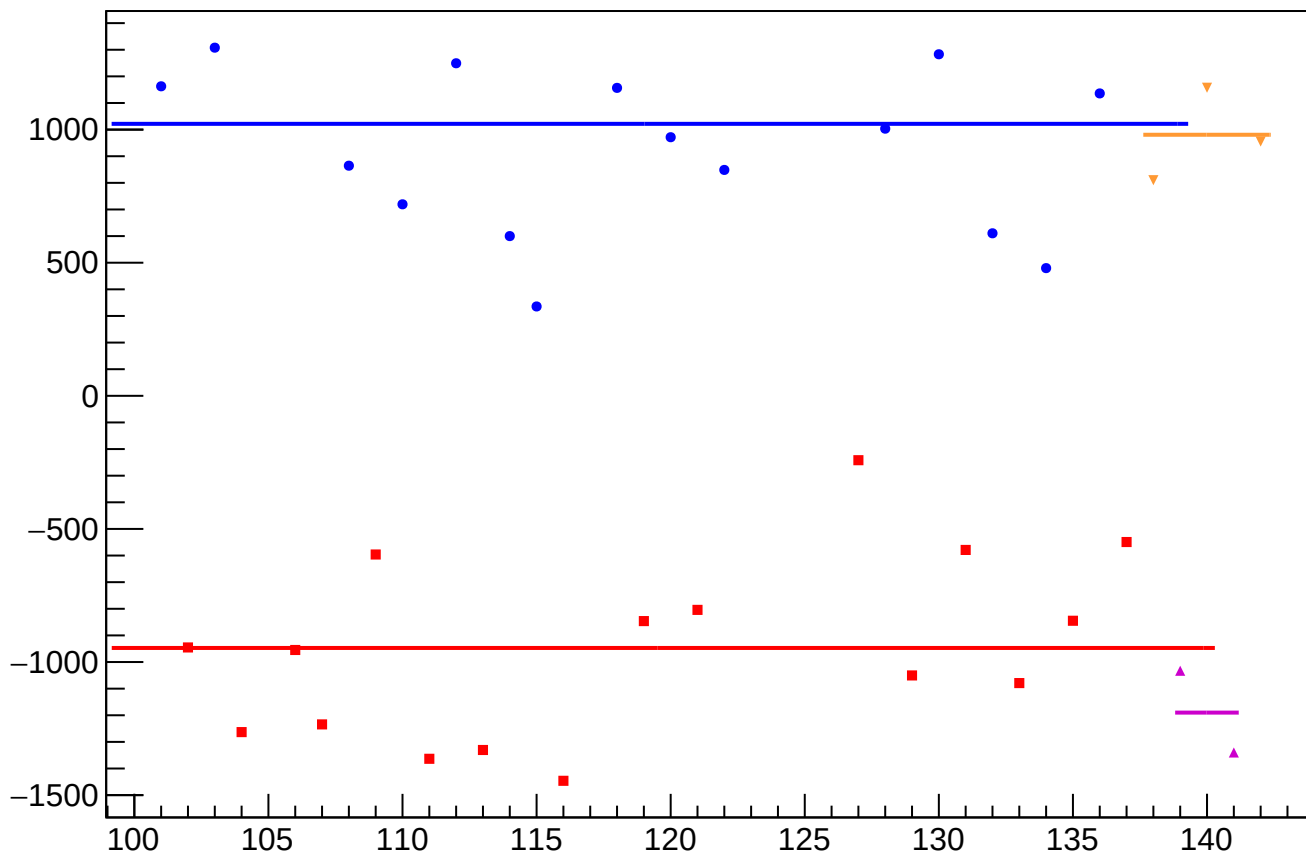
Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -5886.552+/-0.000 χ^2/NDF : 22548108499603433136233746087804928.0/2
 Right Out: 27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: 5413.972+/-0.000 χ^2/NDF : 36142797646132527951962569628530507776.0/1

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 1353.413 $\pm$ 0.000 χ^2 /NDF: 352887966702770713373861839880553758720.0/14
 Left Out: 1674.792 $\pm$ 0.000 χ^2 /NDF: 25283732091131952575998815029814099968.0/2
 Right Out: -1230.633 $\pm$ 0.000 χ^2 /NDF: 276989454129150005656872744539903754240.0/15
 Left In: -1768.609 $\pm$ 0.000 χ^2 /NDF: 741686981259396916198910038376448.0/1

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



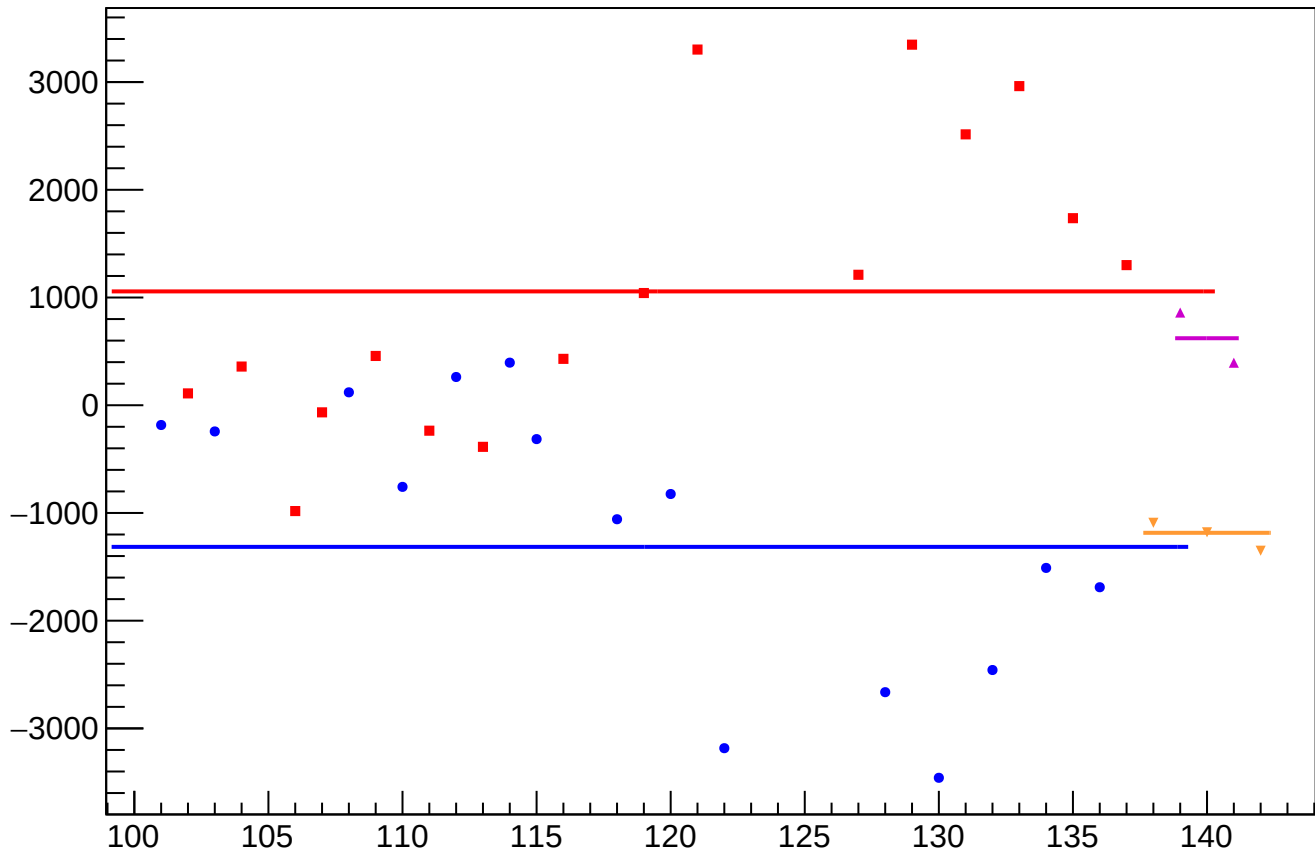
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

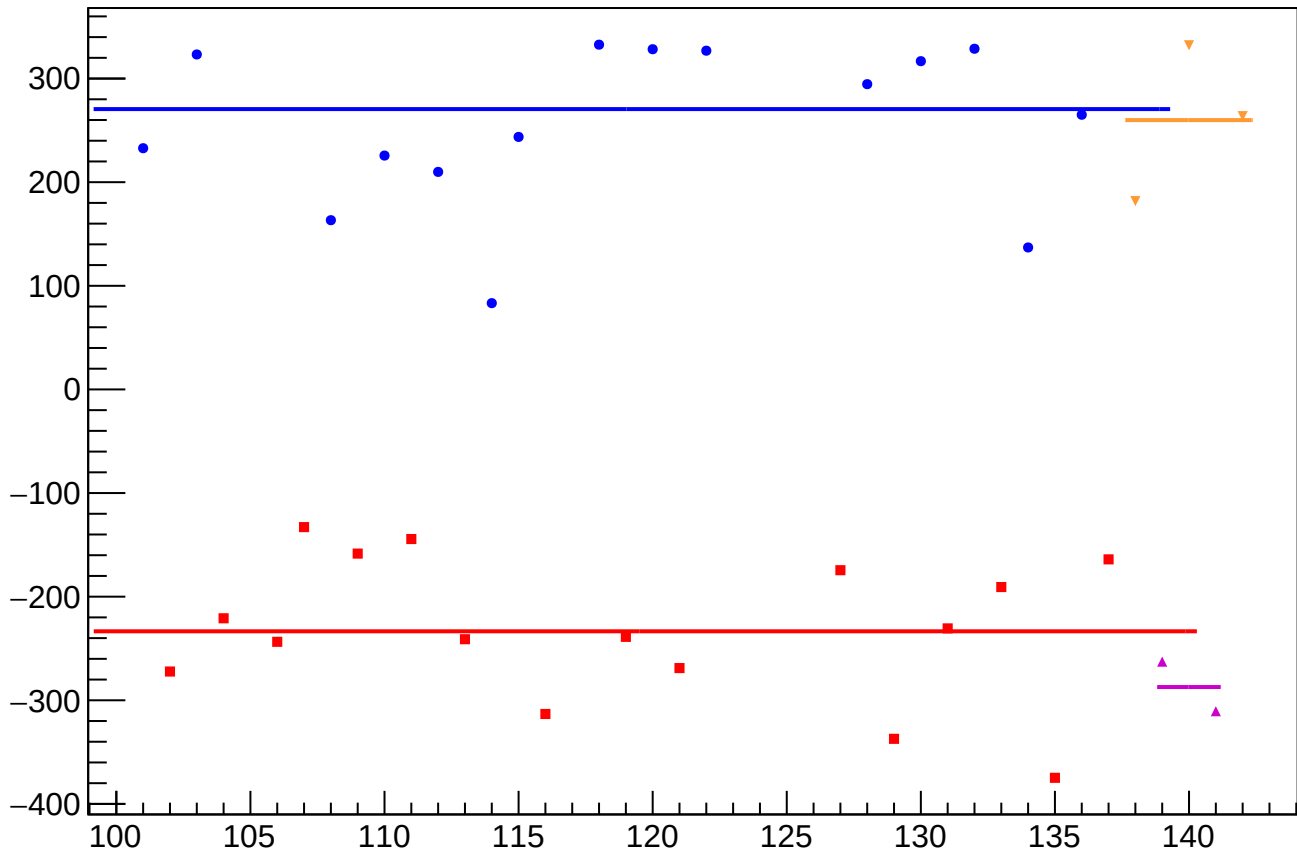
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam5_coil7_mean vs Slug, Sign Corrected



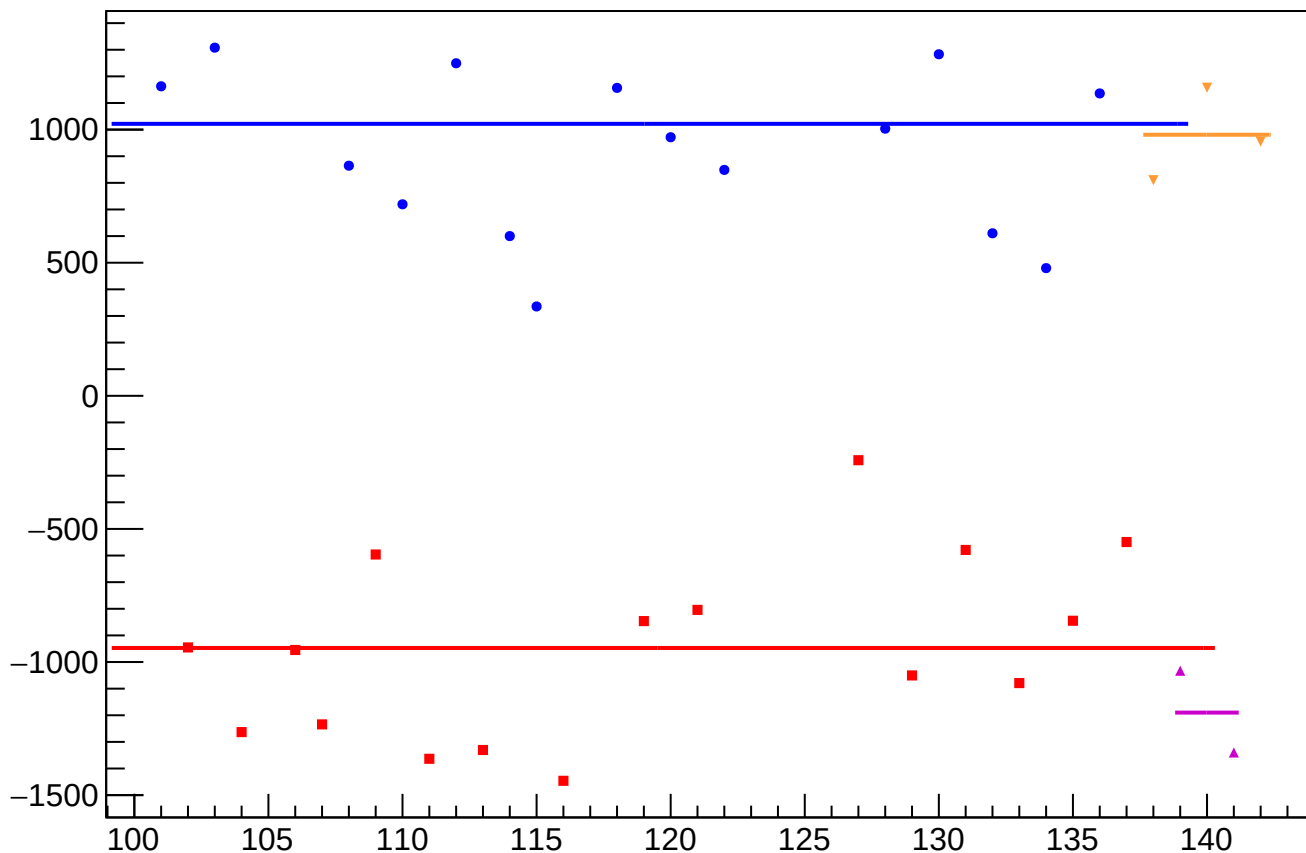
Right In: -1314.782 ± 0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Left Out: -1184.255 ± 0.000 χ^2/NDF : 1950217793335178500320824486455672832.0/2
 Right Out: 1056.765 ± 0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Left In: 622.041 ± 0.000 χ^2/NDF : 8988929562249793058473096060600320000.0/1

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 270.538 +/- 0.000 χ^2/NDF : 2473839905347950323907848405170257920.0/14
 Left Out: 259.903 +/- 0.000 χ^2/NDF : 905040114286088823256380681775742976.0/2
 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



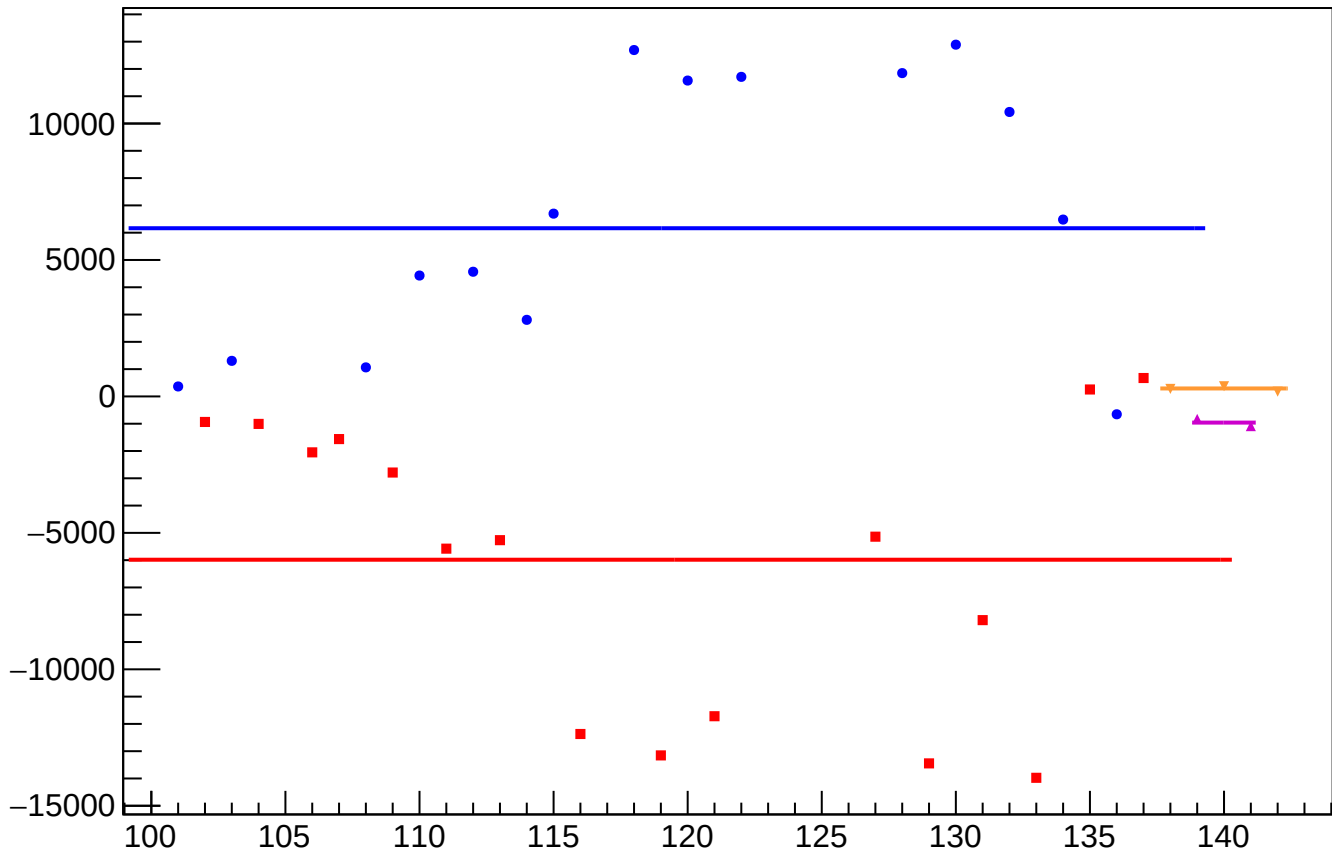
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

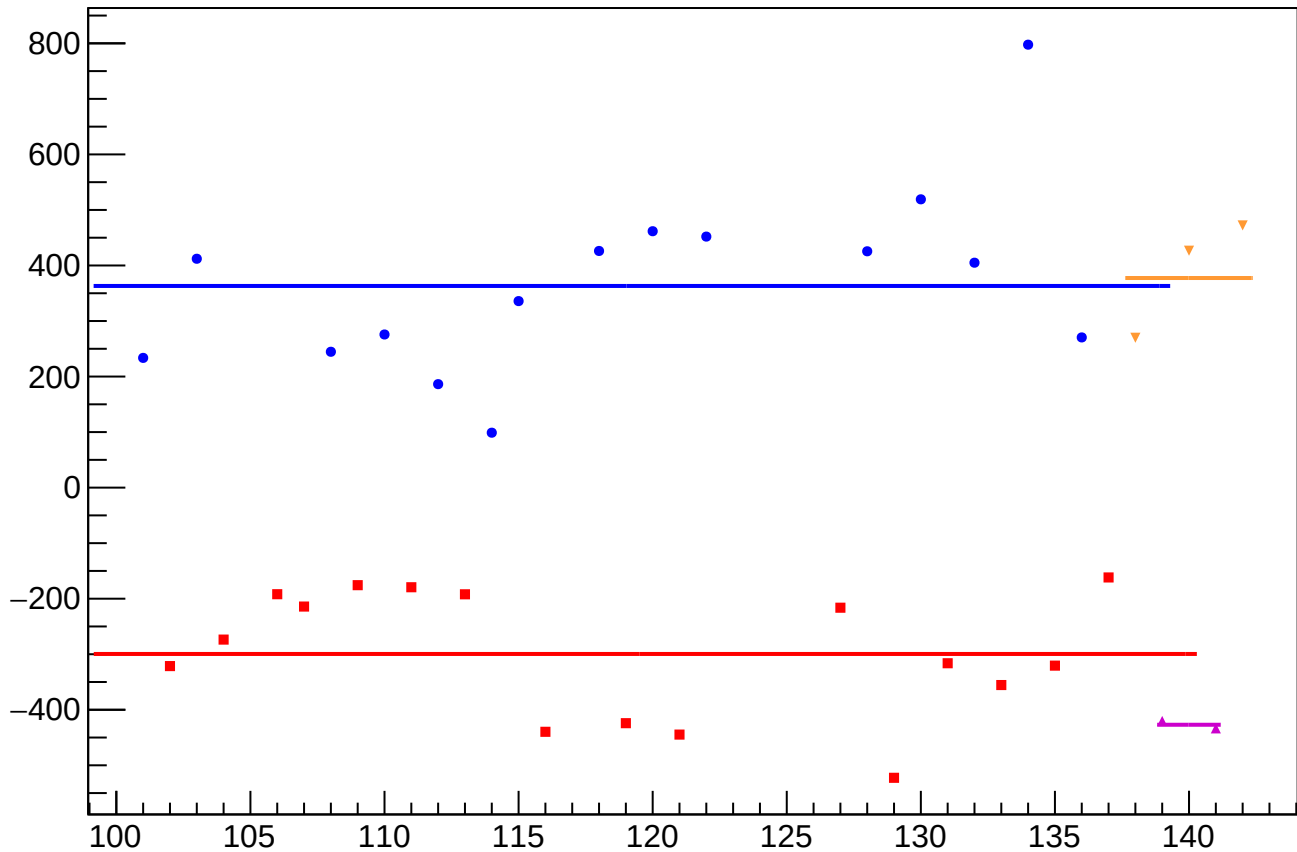
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 291.691+/-0.000 χ^2/NDF : 1184454787393214878045124751442051072.0/2
 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



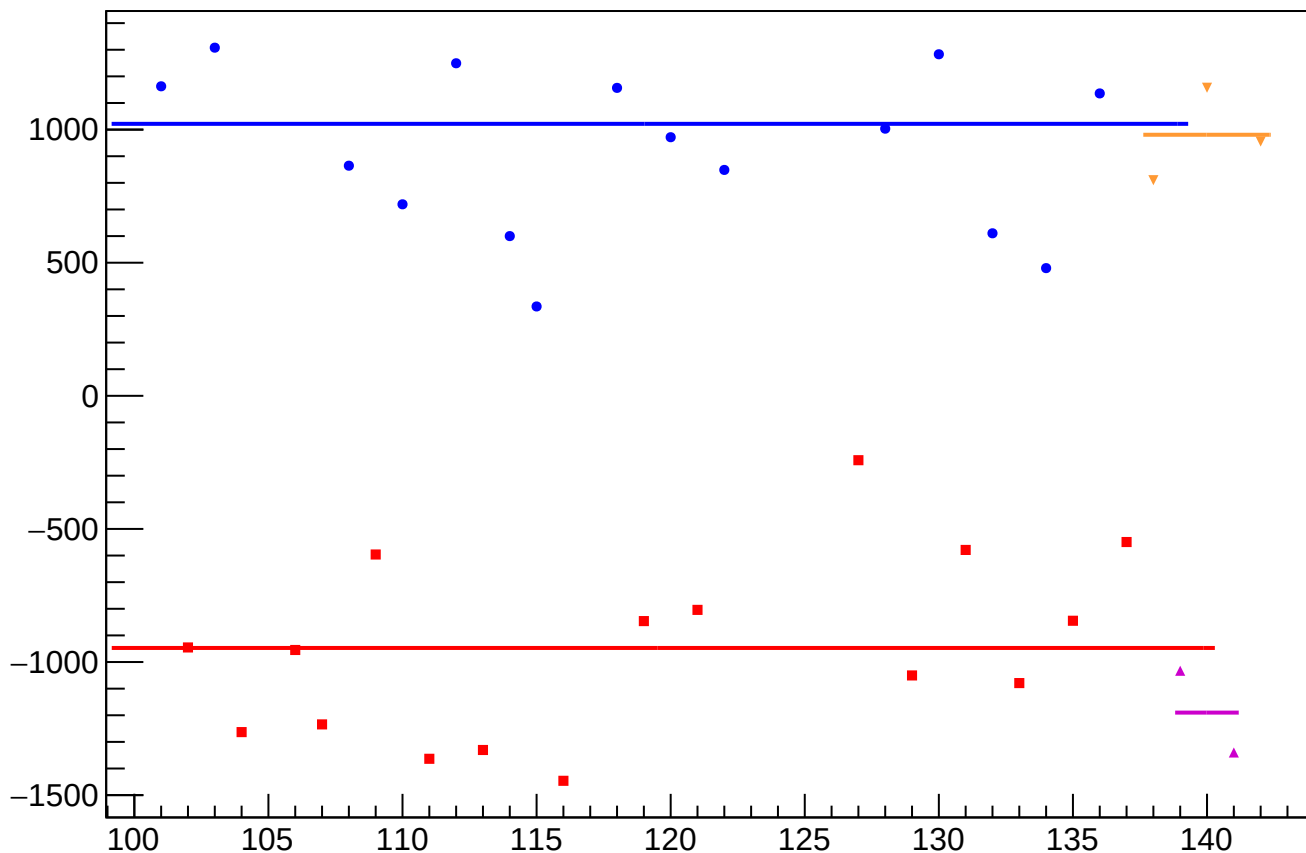
Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 377.430+/-0.000 χ^2/NDF : 1513550169538947613910617594420789248.0/2

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



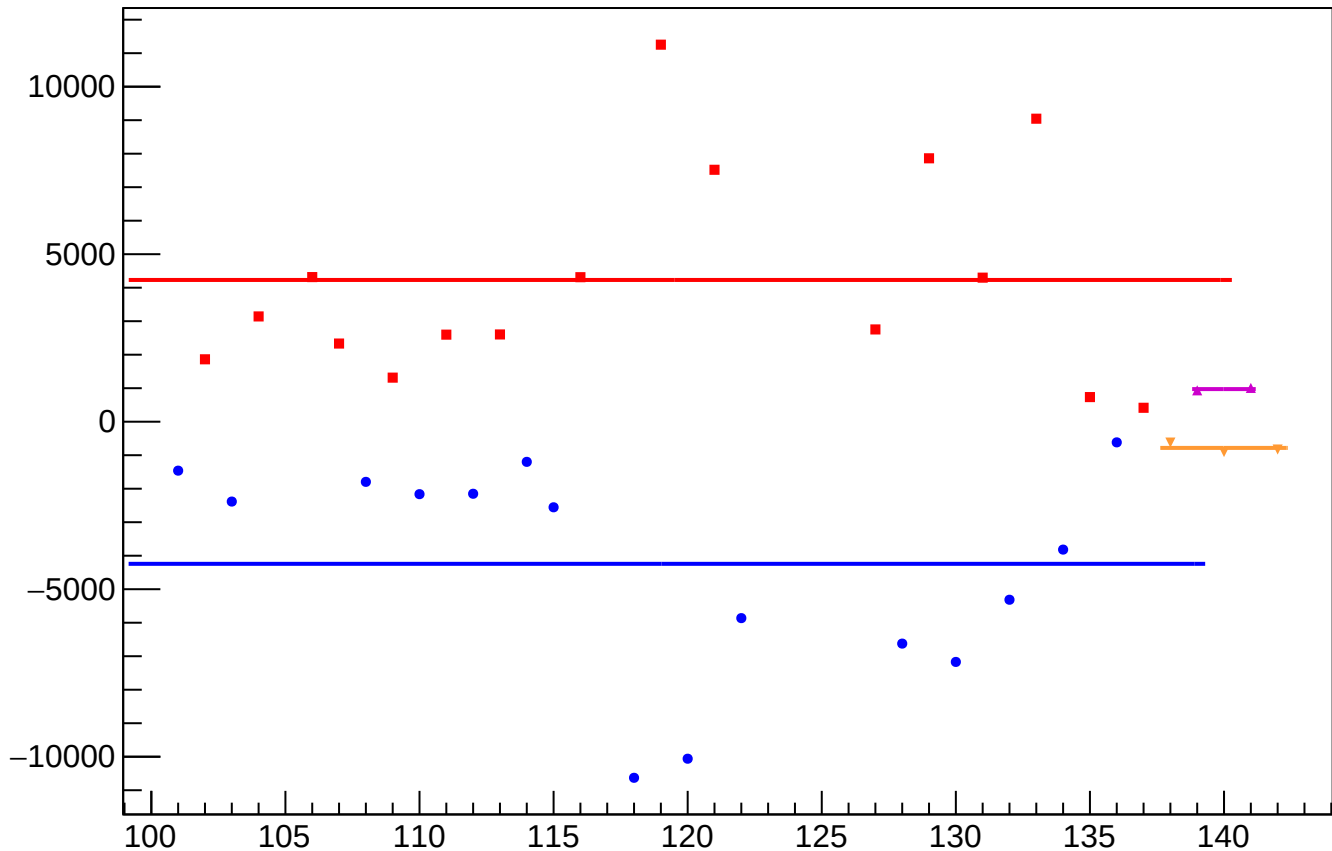
Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660 ± 0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

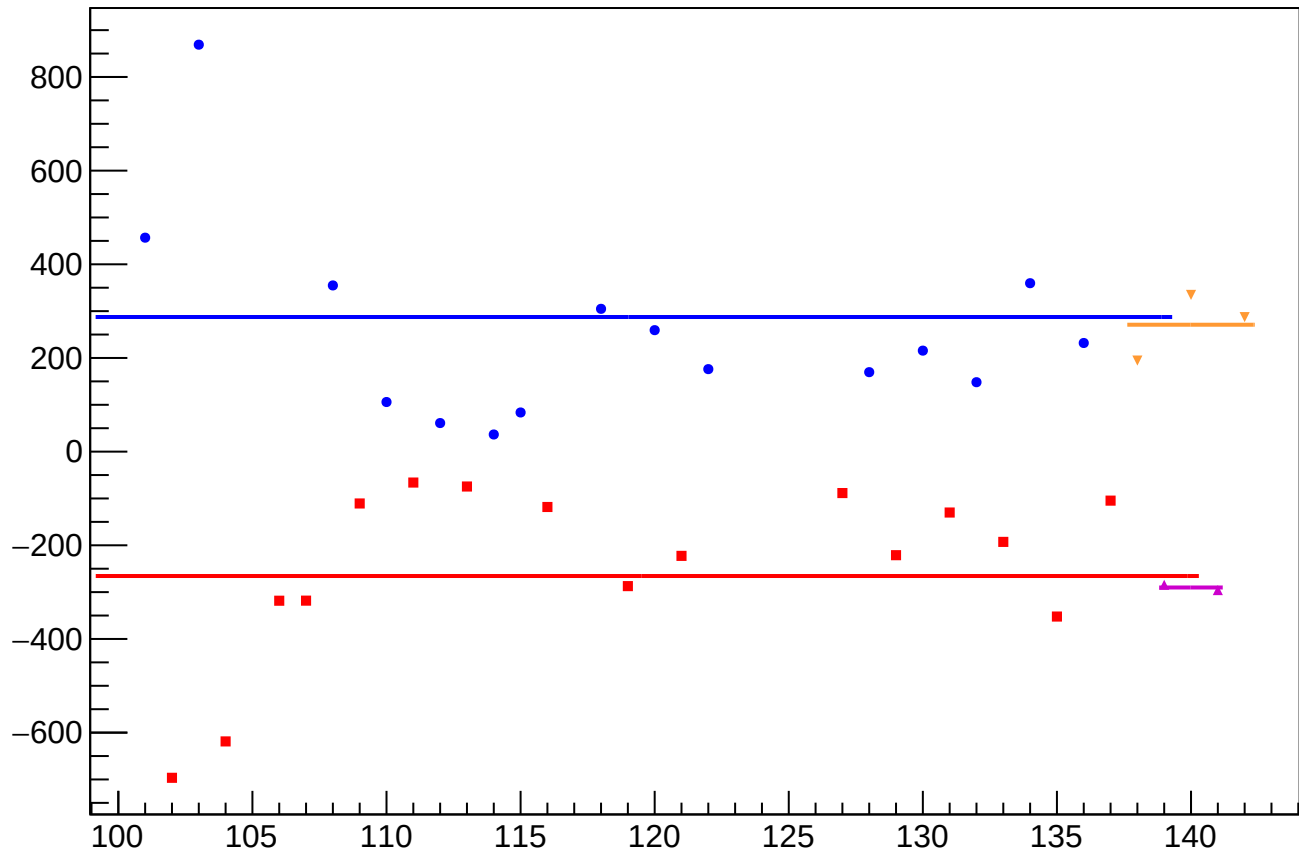
Left In: -1189.976 ± 0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -782.103+/-0.000 χ^2/NDF : 3338841240828994625119213978883457024.0/2
 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



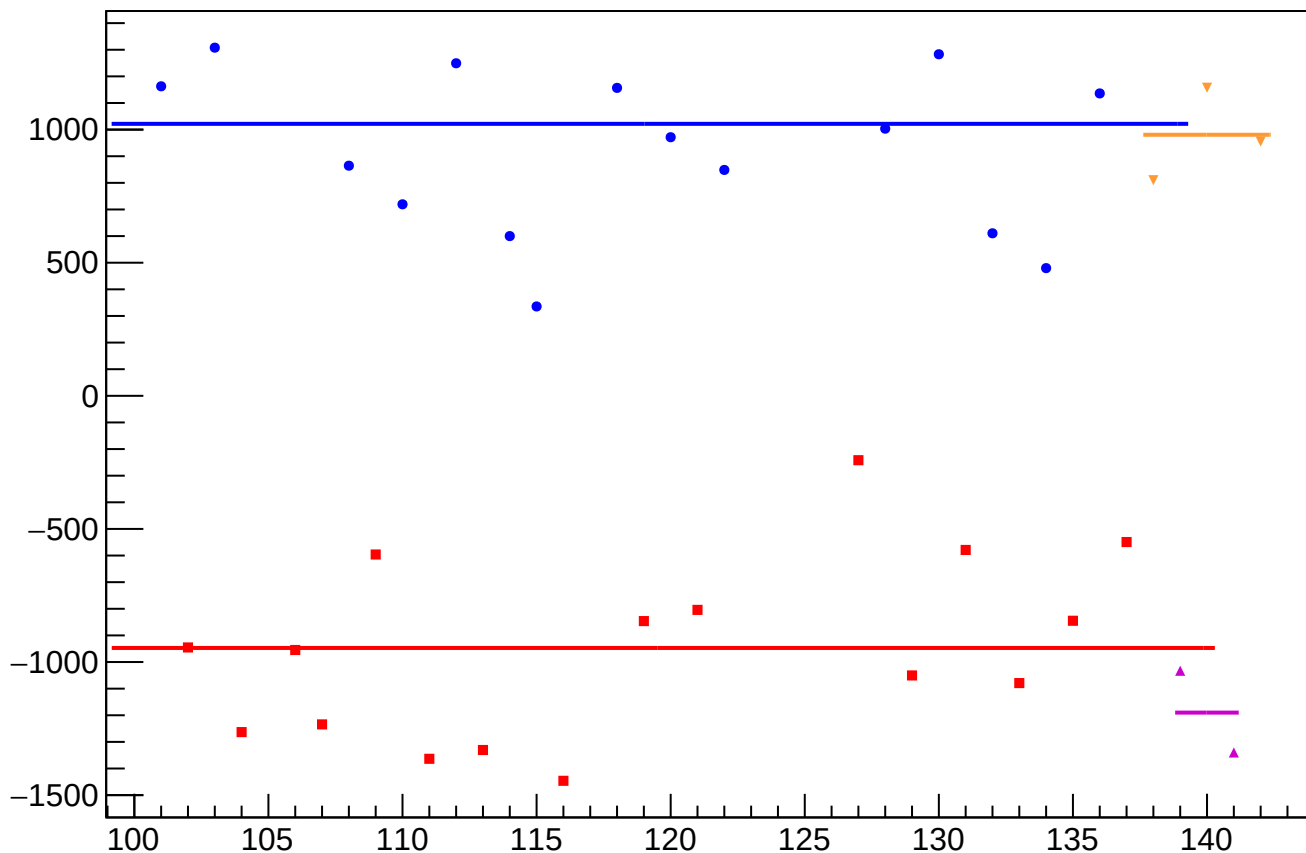
Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 270.976+/-0.000 χ^2/NDF : 801567511601651116191527070949441536.0/2

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



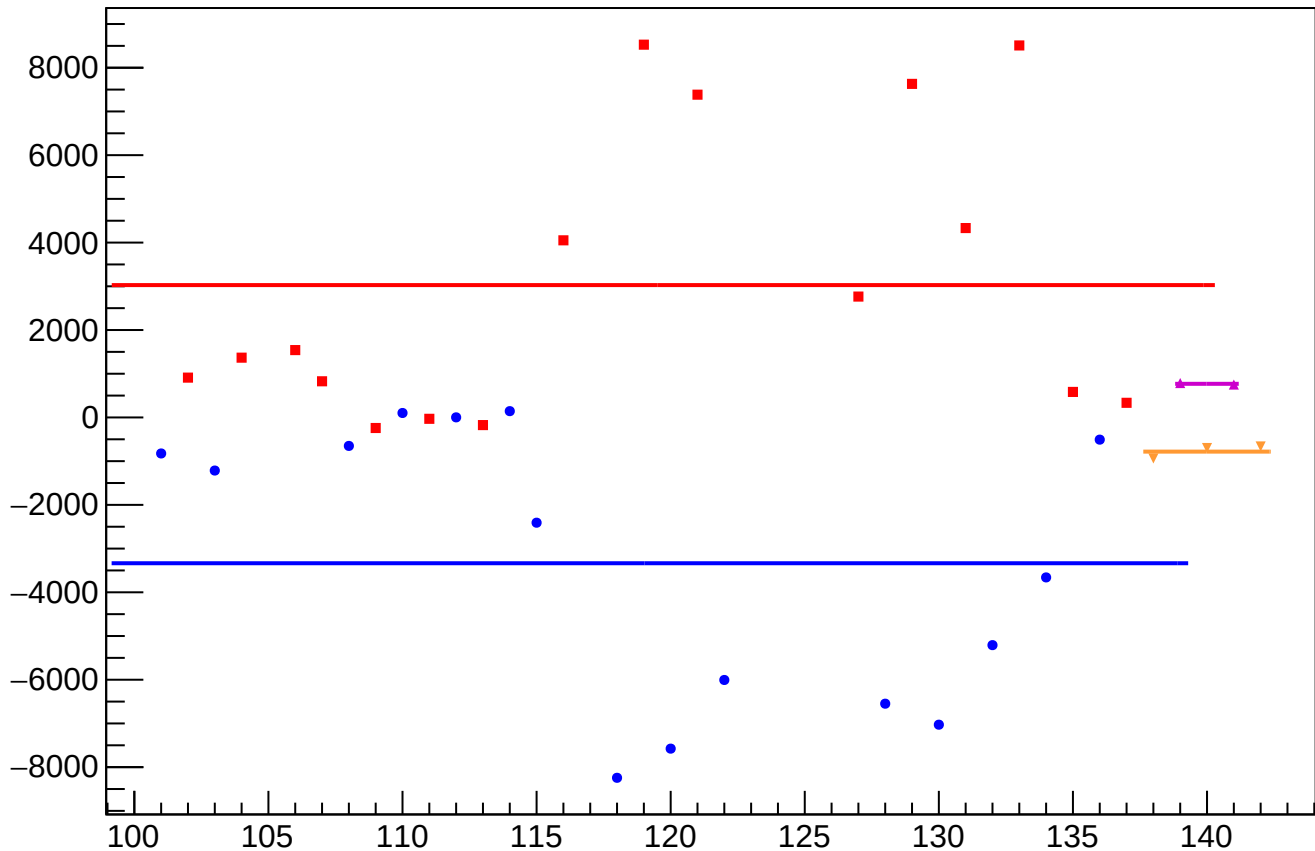
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

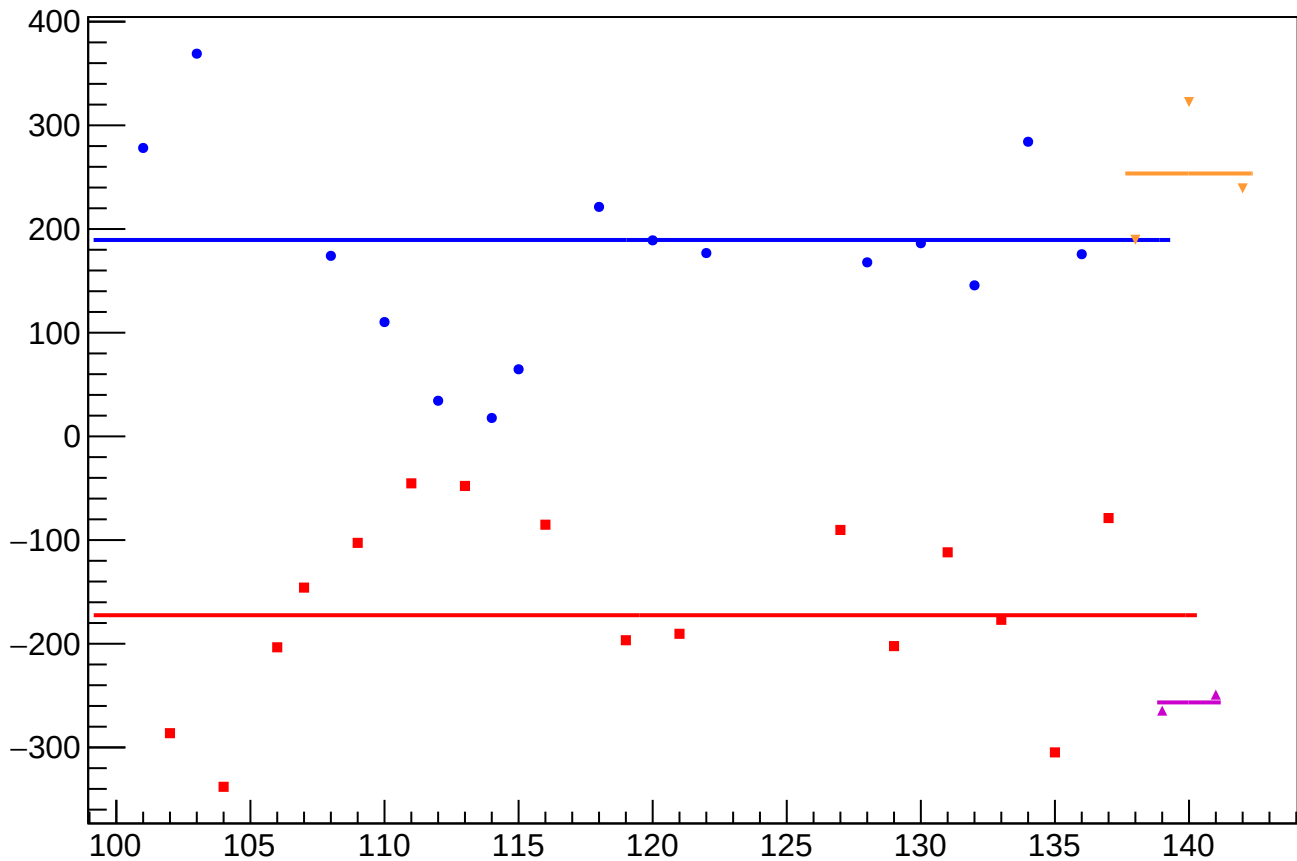
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_sam8_coil7_mean vs Slug, Sign Corrected



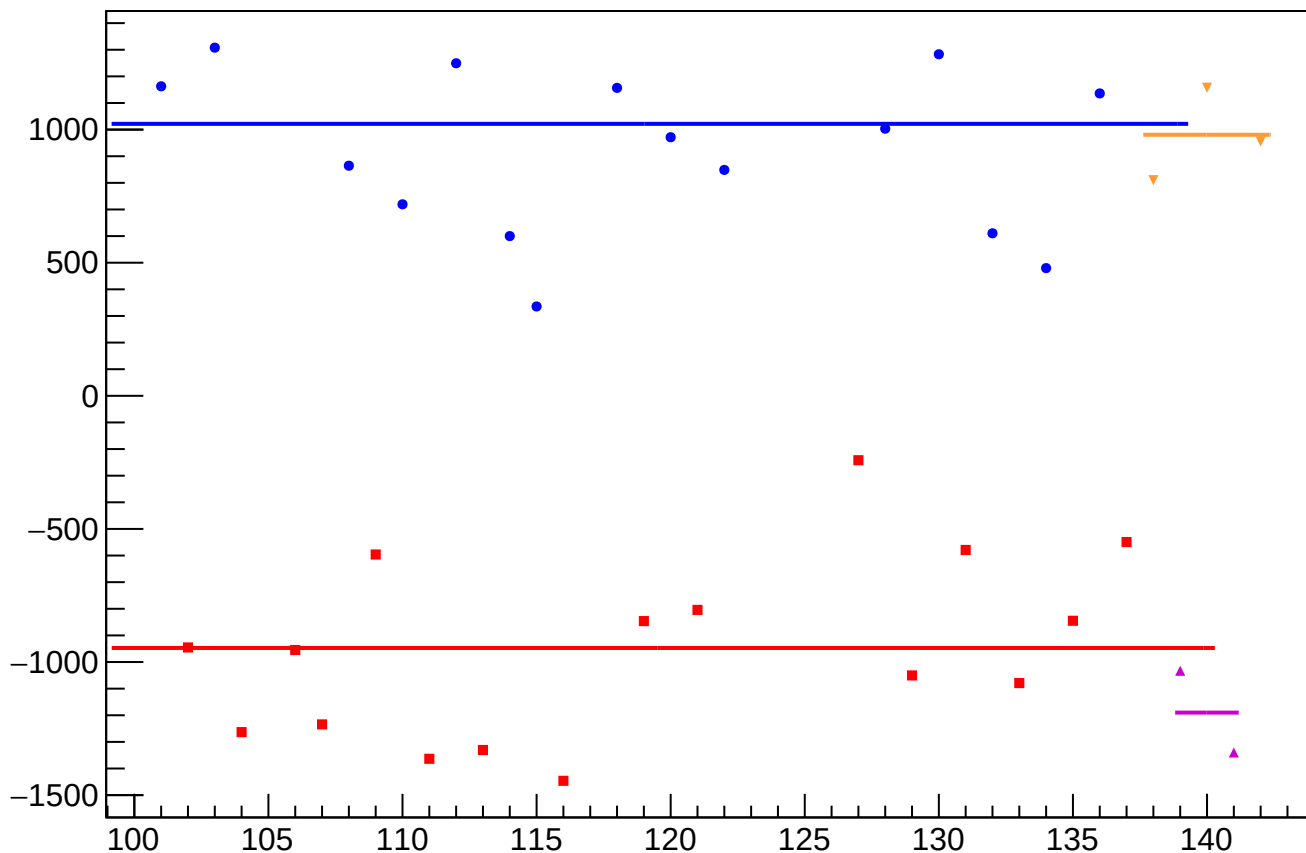
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -781.804+/-0.000 χ^2/NDF : 3109637314239182925914531229375397888.0/2
 Right Out: 3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: 769.120+/-0.000 χ^2/NDF : 49139704609512999136719098829864960.0/1

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 189.442 +/- 0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14
 Left Out: 253.559 +/- 0.000 χ^2/NDF : 717030354948944728137244136064417792.0/2
 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



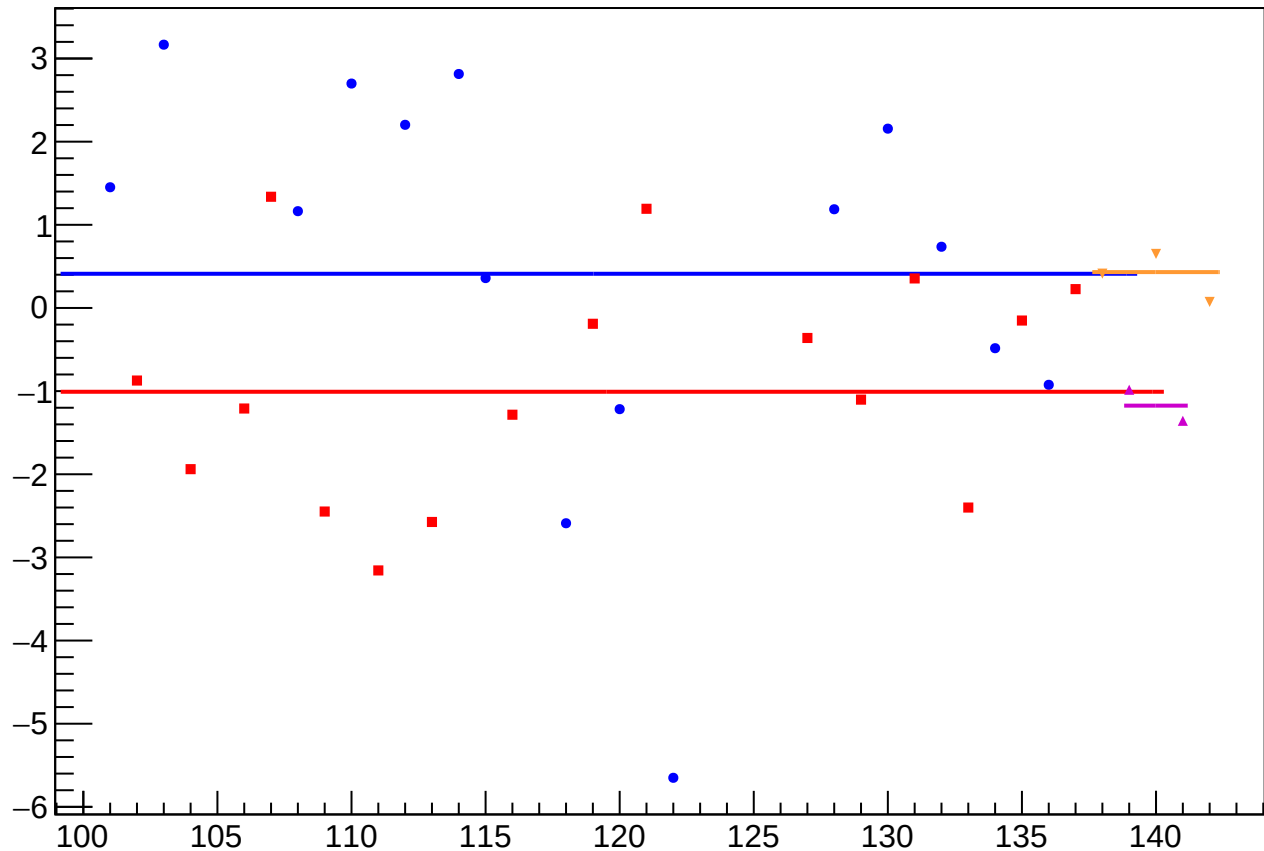
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 980.660+/-0.000 χ^2/NDF : 4860523463177574290111298023937015808.0/2

Right Out: -947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

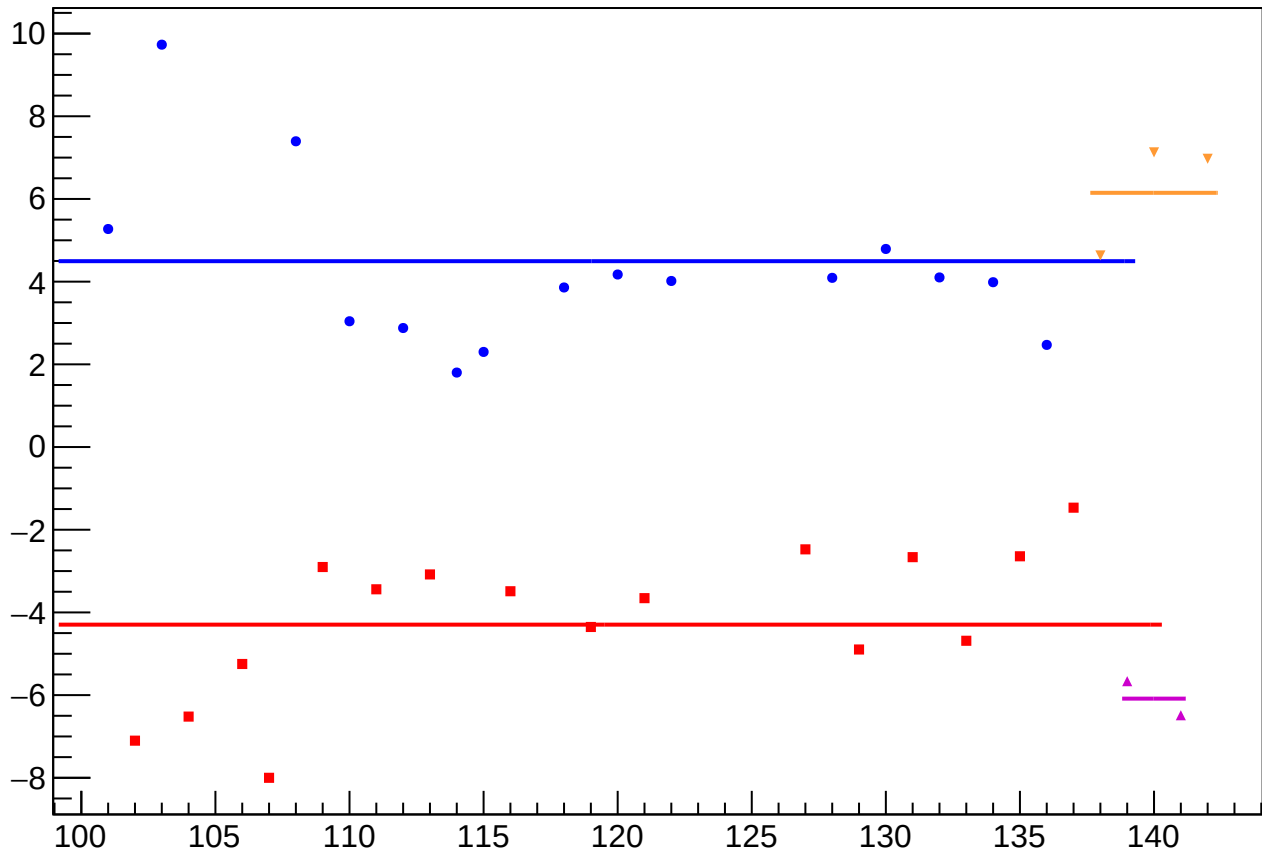
Left In: -1189.976+/-0.000 χ^2/NDF : 3910871359823590294350462257532502016.0/1

dit_4aX_coil4_mean vs Slug, Sign Corrected



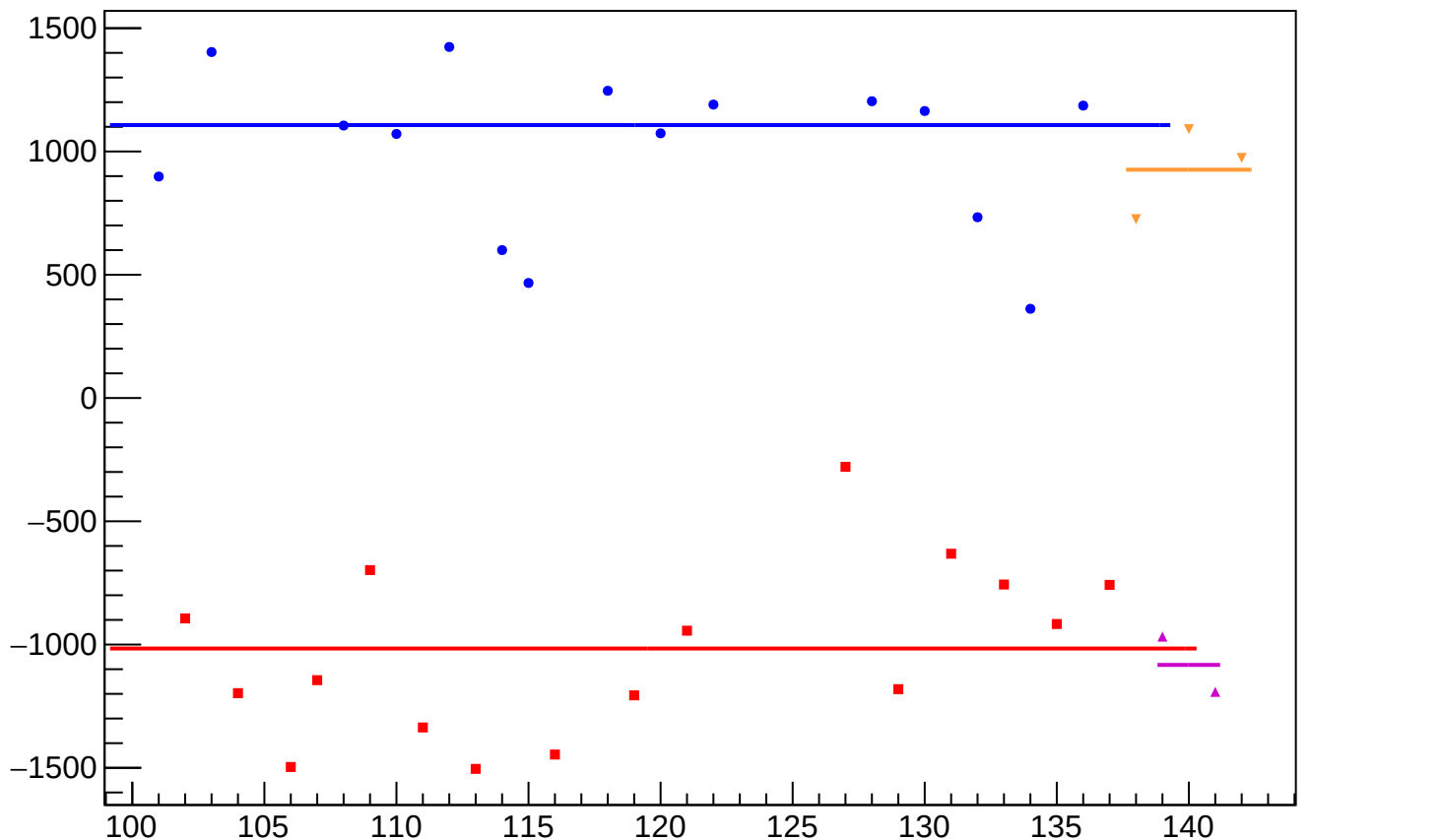
Right In: 0.416+/-0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14
 Left Out: 0.431+/-0.000 χ^2/NDF : 9866465557229821083257669681152.0/2
 Right Out: -1.008+/-0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15
 Left In: -1.175+/-0.000 χ^2/NDF : 5784167774350831410029357170688.0/1

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



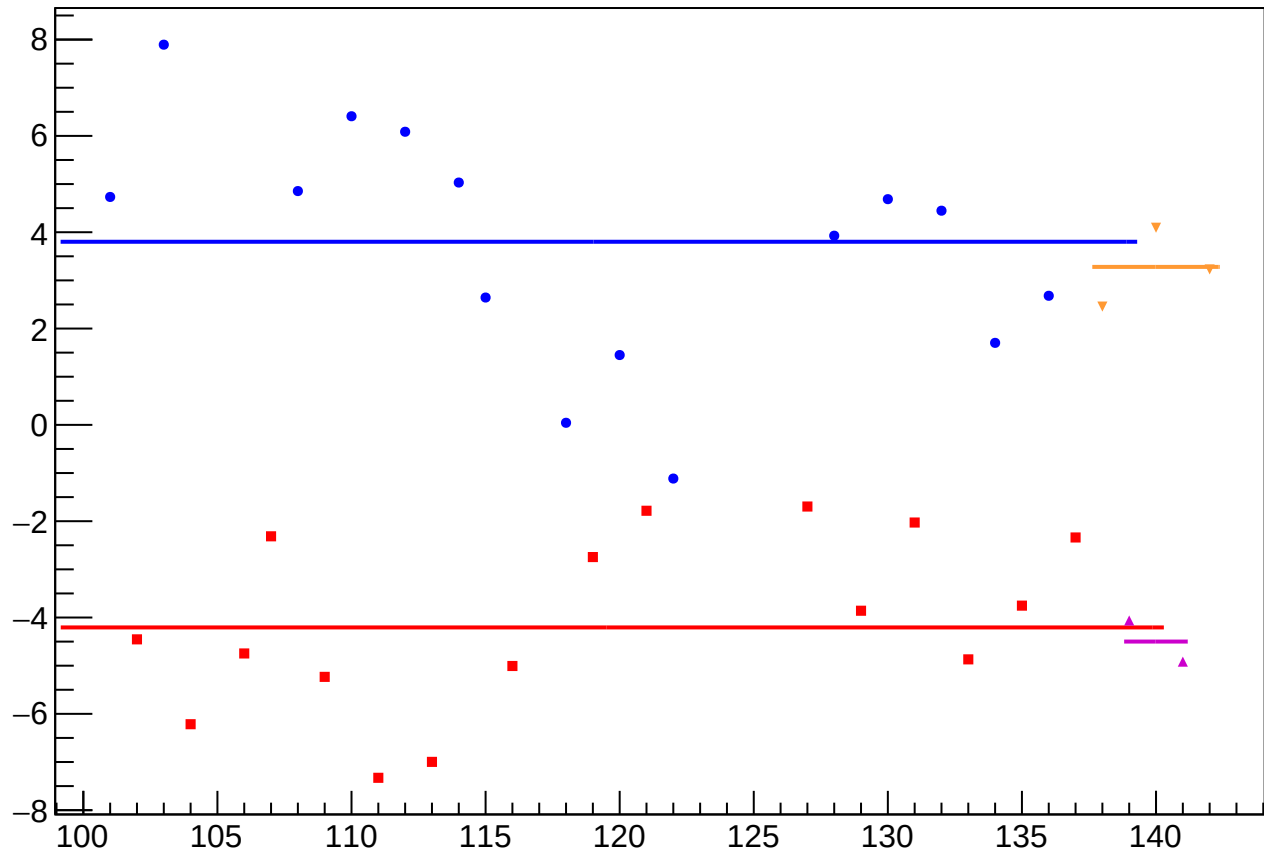
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 2742240072441097531500728791597056.0/14
 Left Out: 6.148 $\pm$ 0.000 χ^2 /NDF: 288496138930086025545162912956416.0/2
 Right Out: -4.296 $\pm$ 0.000 χ^2 /NDF: 2011925707062051890381007475441664.0/15
 Left In: -6.085 $\pm$ 0.000 χ^2 /NDF: 28165244022886876724027180711936.0/1

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



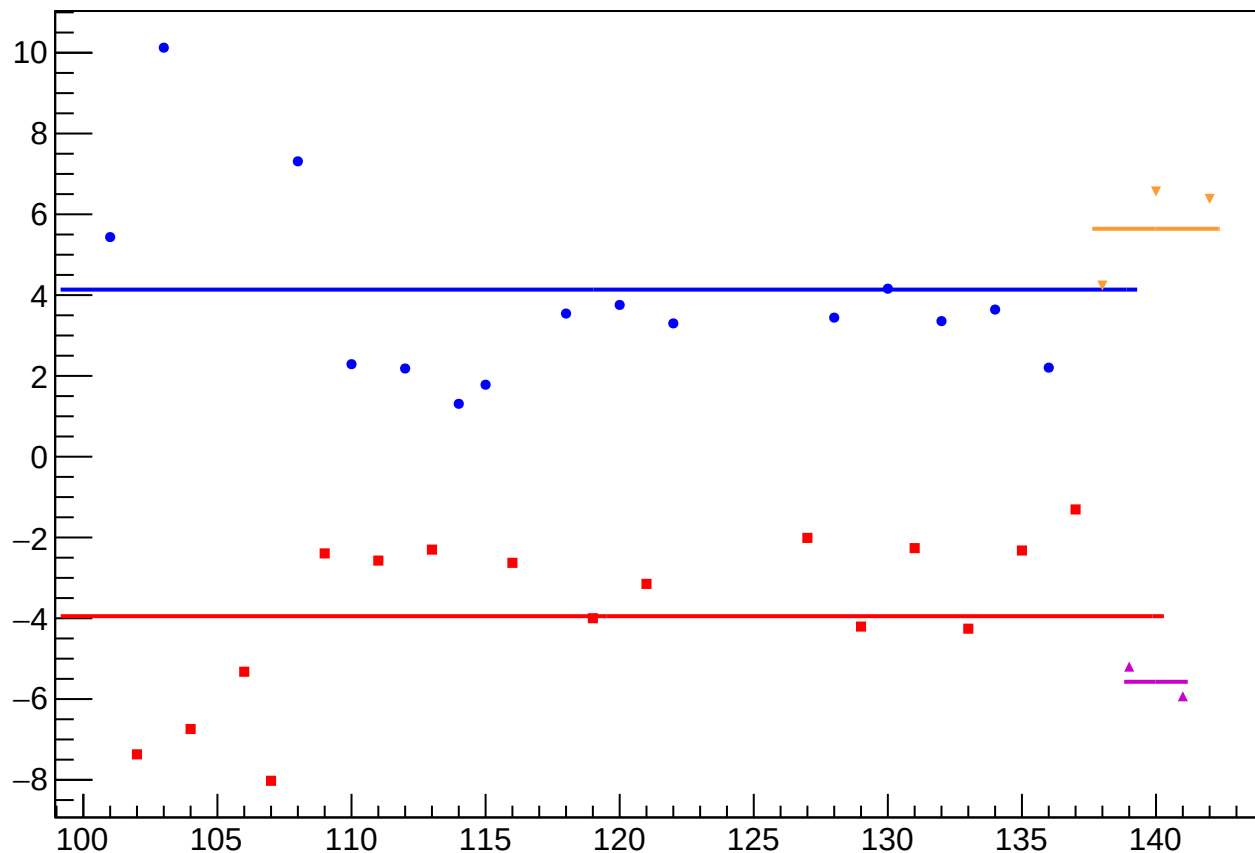
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 926.155 ± 0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578 ± 0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_4eX_coil4_mean vs Slug, Sign Corrected



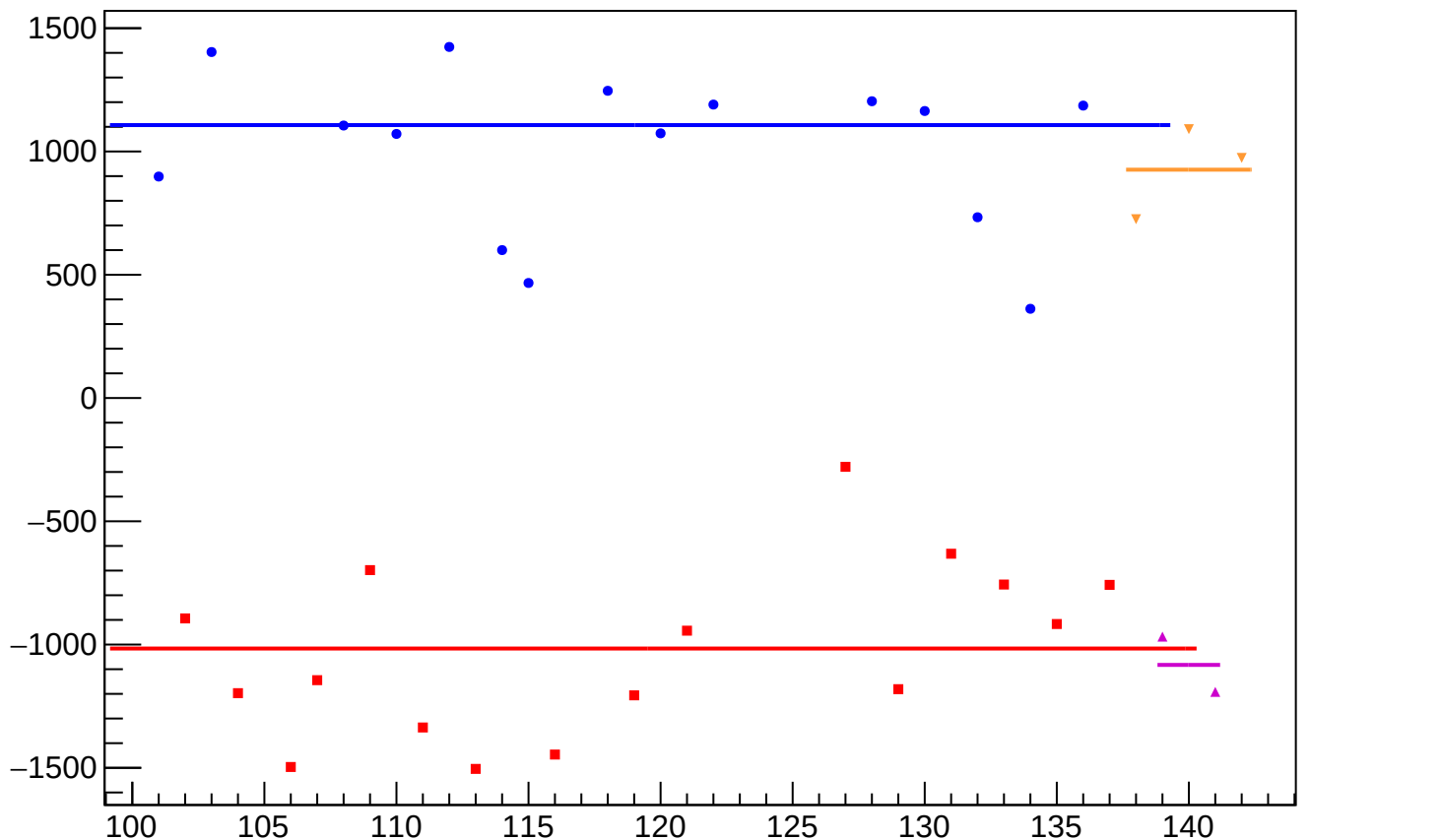
Right In: 3.802 +/- 0.000 χ^2/NDF : 3795476074398338930564700657680384.0/14
 Left Out: 3.280 +/- 0.000 χ^2/NDF : 107333975664995381237344270024704.0/2
 Right Out: -4.206 +/- 0.000 χ^2/NDF : 2096427813341454573332265183477760.0/15
 Left In: -4.499 +/- 0.000 χ^2/NDF : 30266063171469161186735800975360.0/1

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



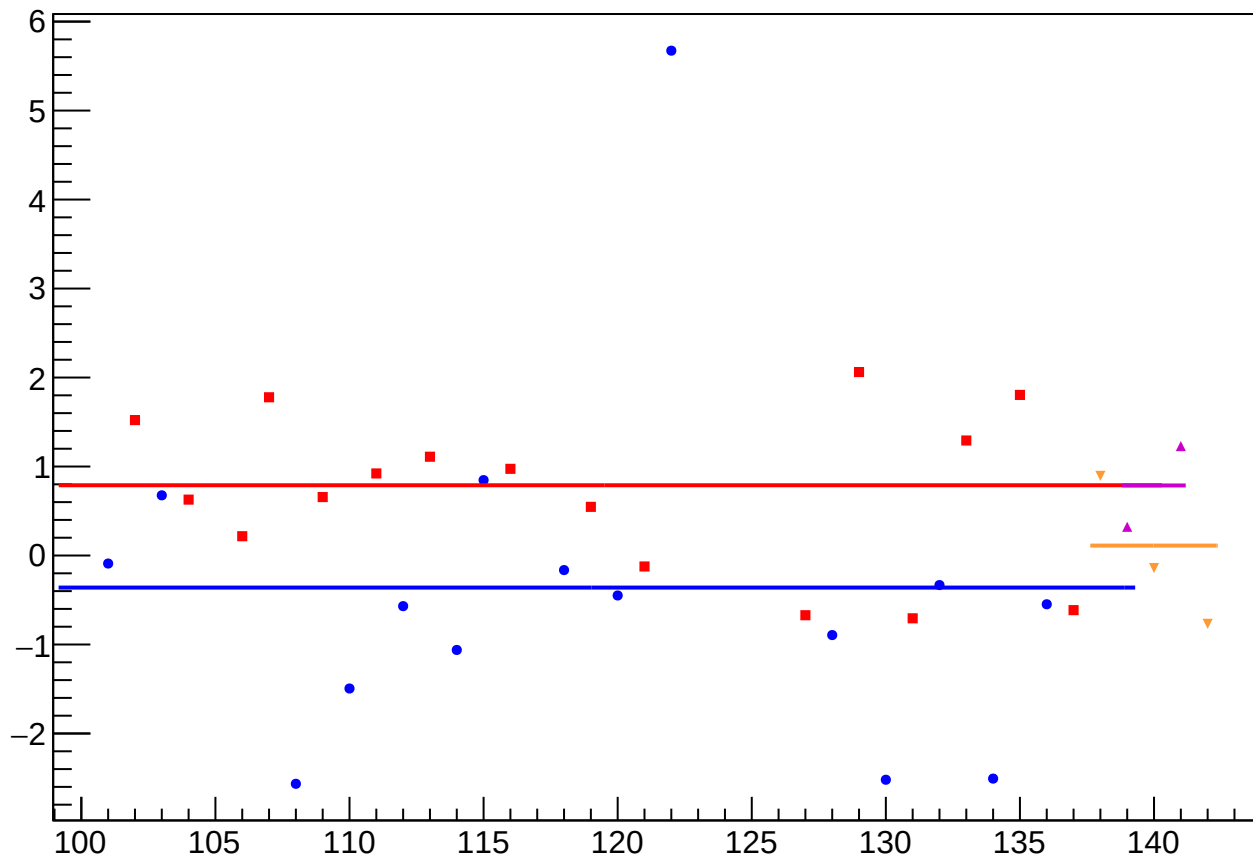
Right In: 4.136+/-0.000 χ^2/NDF : 3507600624388663919898505496231936.0/14
 Left Out: 5.642+/-0.000 χ^2/NDF : 249440515811978684107615132188672.0/2
 Right Out: -3.948+/-0.000 χ^2/NDF : 2670176783942302028345551100051456.0/15
 Left In: -5.572+/-0.000 χ^2/NDF : 22354791984463452796402190516224.0/1

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



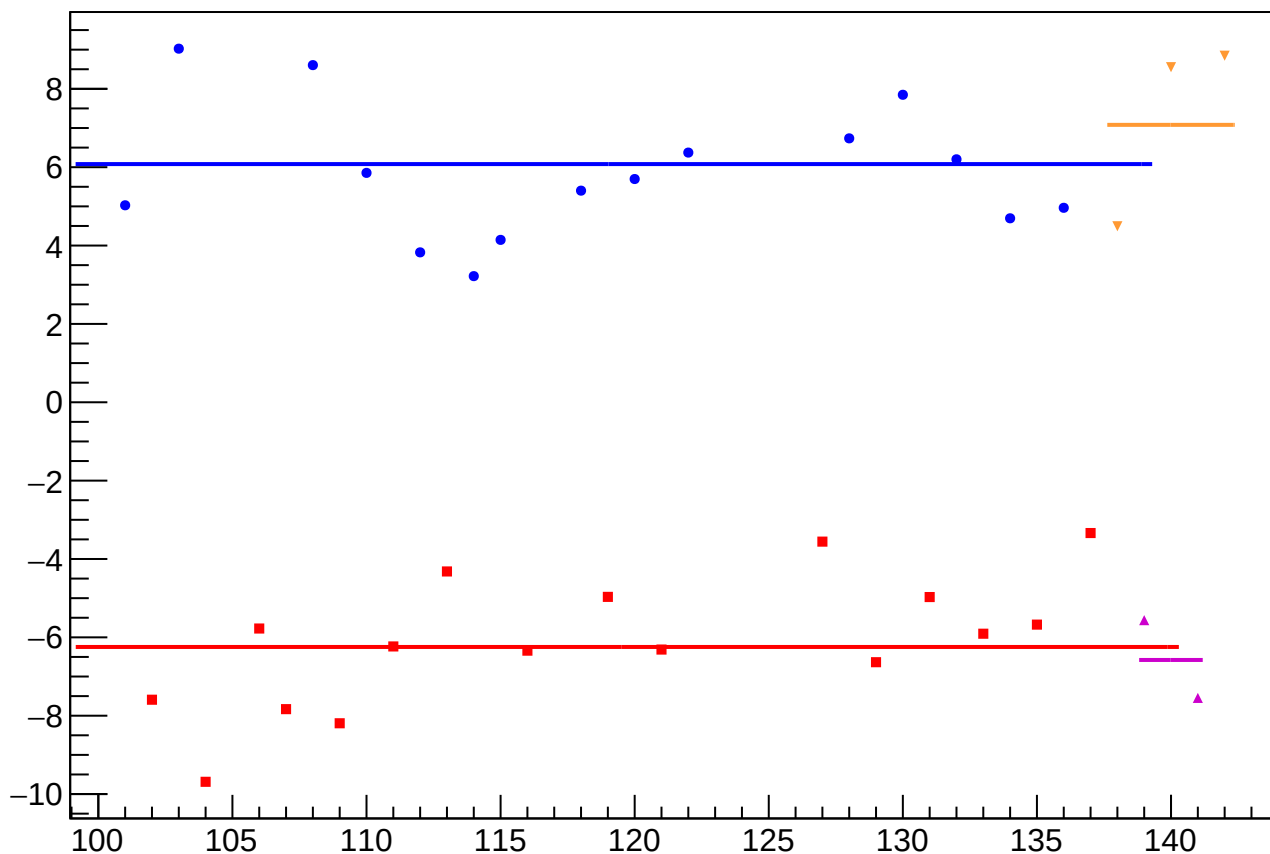
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: -0.360 +/- 0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14
 Left Out: 0.111 +/- 0.000 χ^2/NDF : 88646559393651544024371460833280.0/2
 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



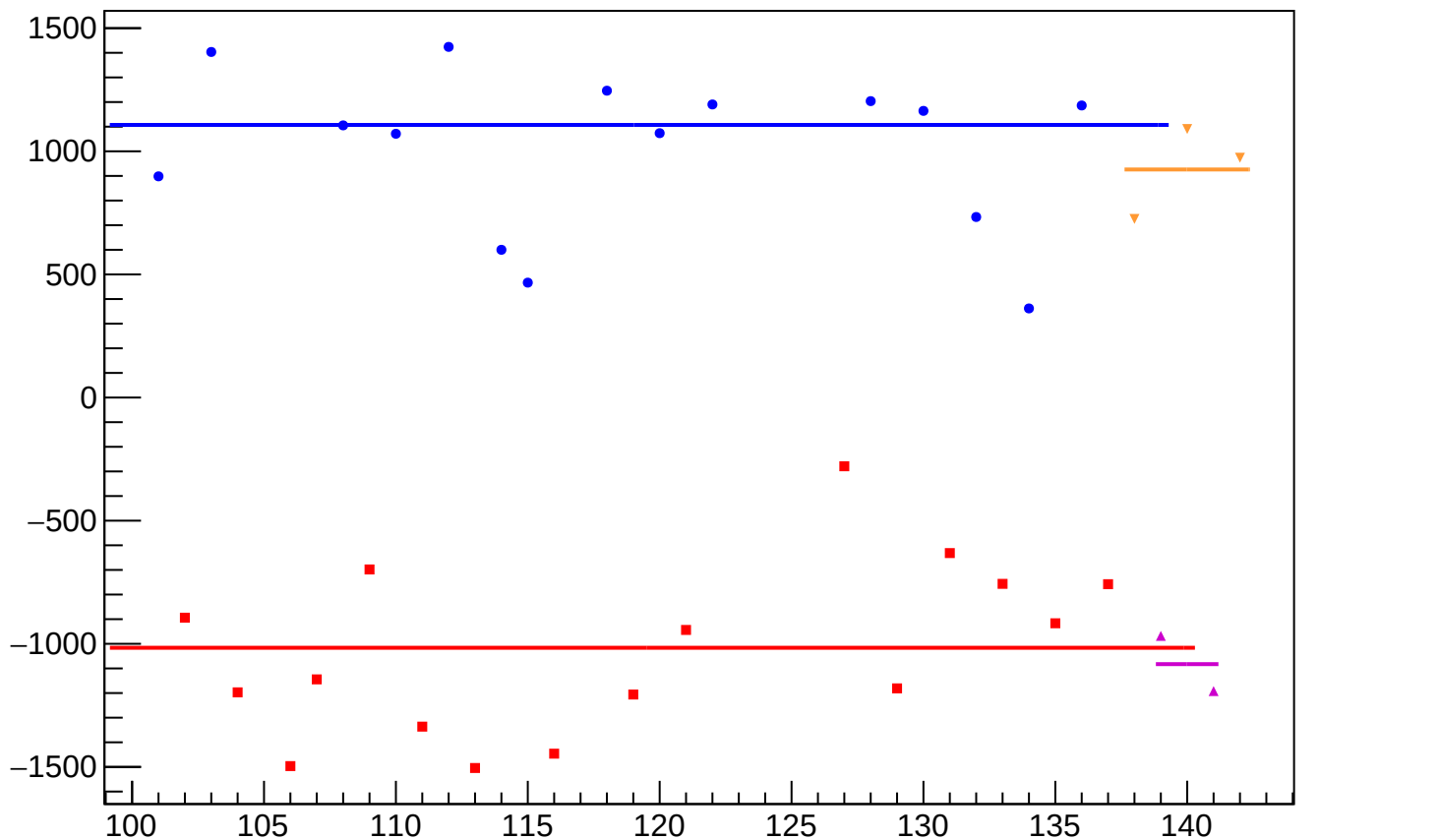
Right In: 6.079+/-0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14

Left Out: 7.081+/-0.000 χ^2/NDF : 843547203407500066971893152874496.0/2

Right Out: -6.245+/-0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15

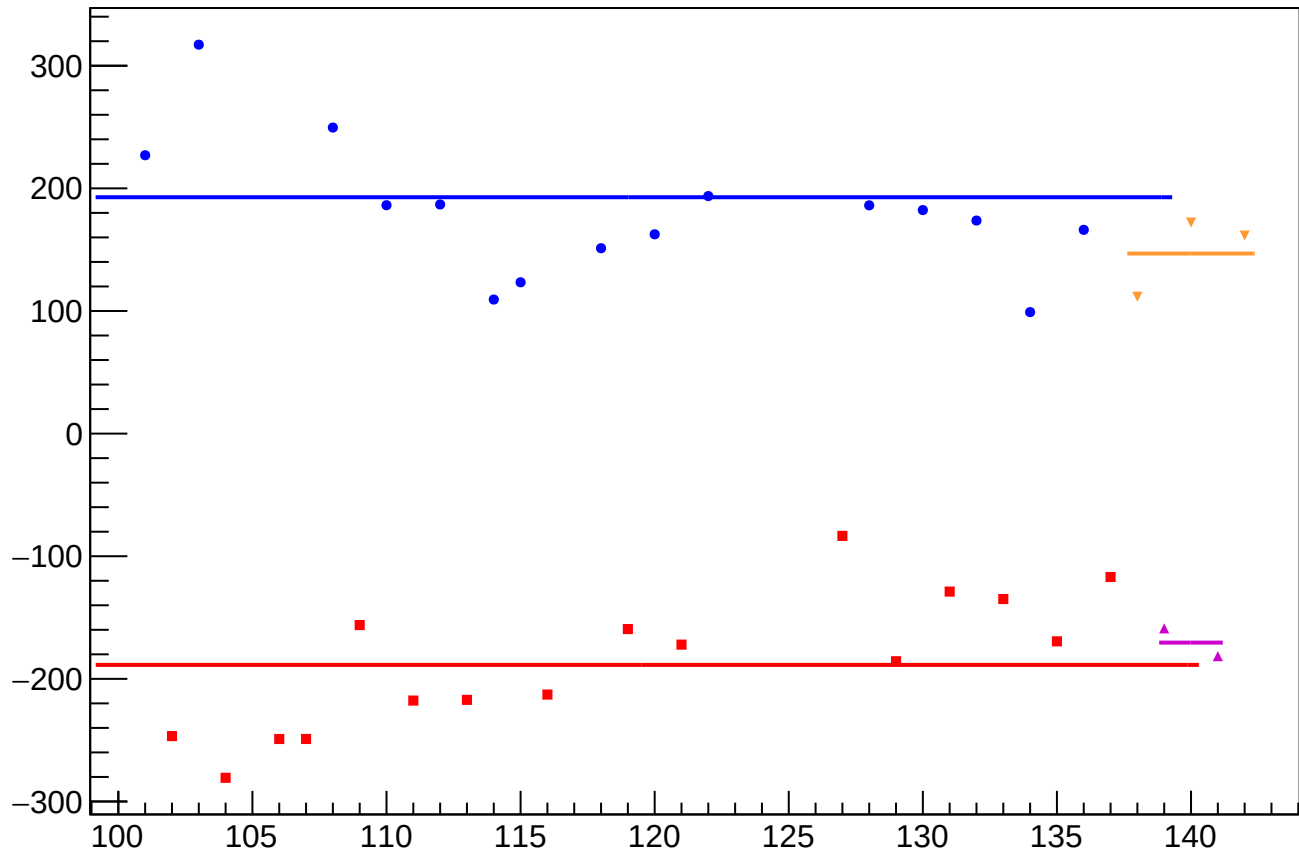
Left In: -6.577+/-0.000 χ^2/NDF : 163306960573870160974558311481344.0/1

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 926.155 $\pm$ 0.000 χ^2 /NDF: 5465331386958525681971732833592410112.0/2
 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_4aY_coil4_mean vs Slug, Sign Corrected



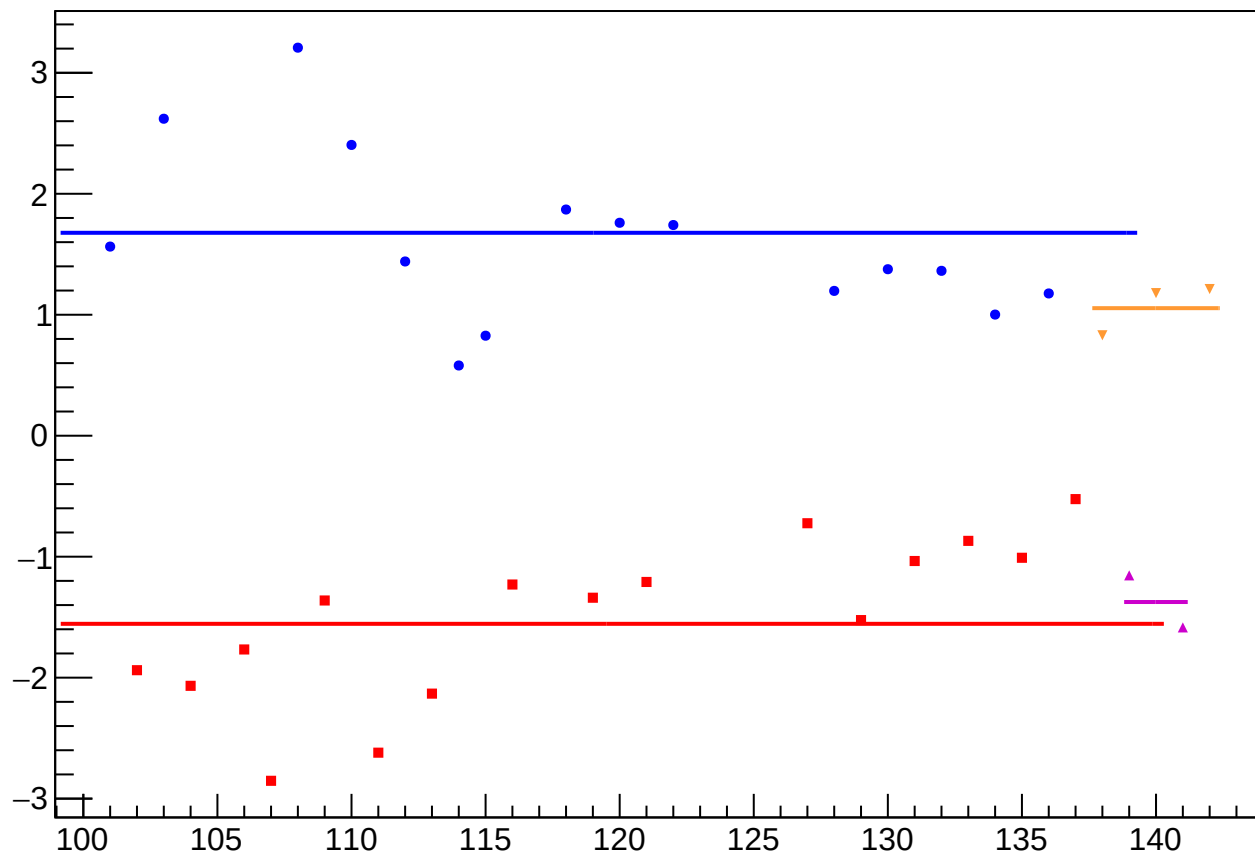
Right In: 192.771+/-0.000 χ^2/NDF : 1640576279746948433391816936236515328.0/14

Left Out: 146.844+/-0.000 χ^2/NDF : 159175145572386734750817739232772096.0/2

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: 1.527 $\pm$ 0.000 χ^2 /NDF: 3089199098436569785

Right Out: 0.024 $\pm$ 0.000 χ^2 /NDF: 6338088412377162676477861298176.0/2

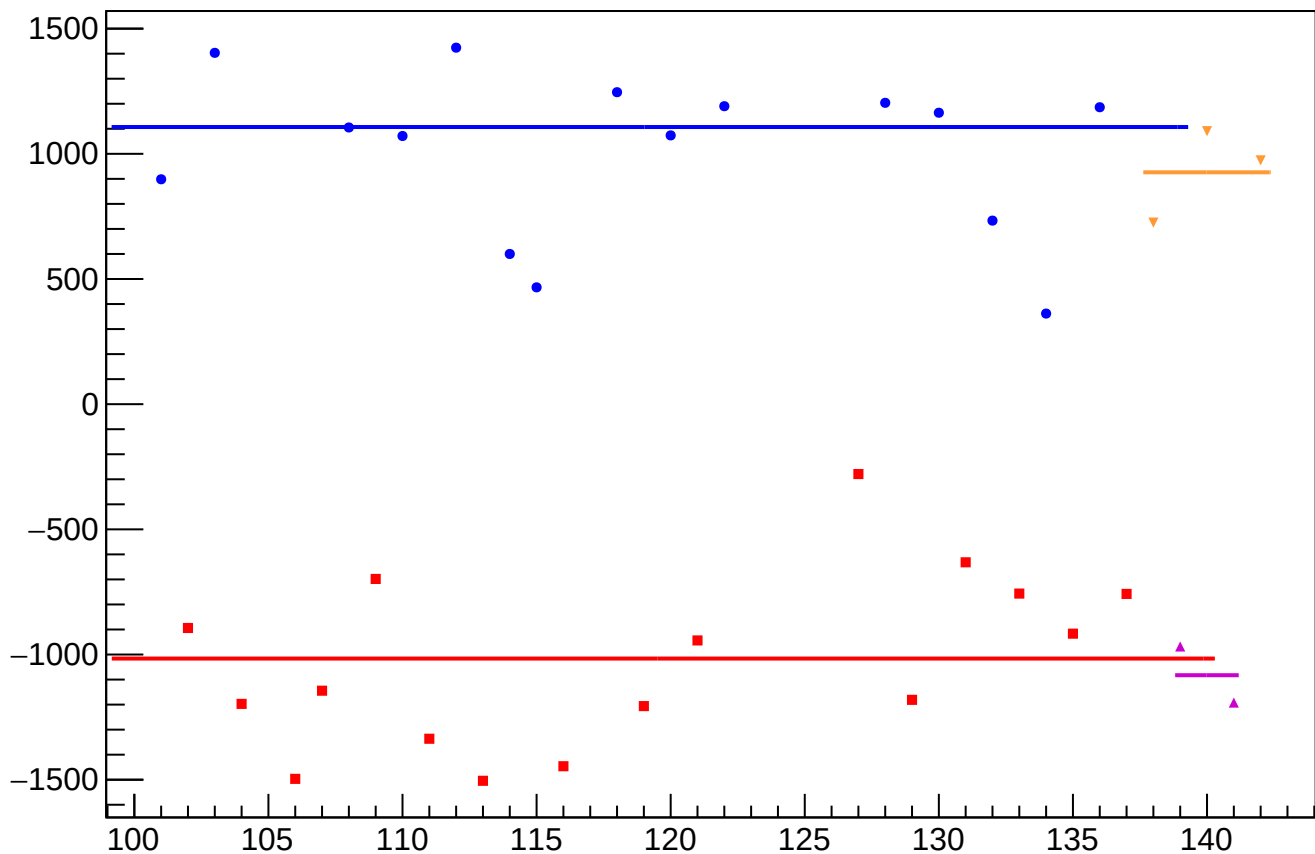
Left In: -1.519 $\pm$ 0.000 χ^2 /NDF: 44922490665122

Right Out: -1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

Left In: -1.375 $\pm$ 0.000 χ^2 /NDF: 267640368901524666

Left In: -1.375 $\pm$ 0.000 χ^2 /NDF: 7674502016780507354813526179840.0/1

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



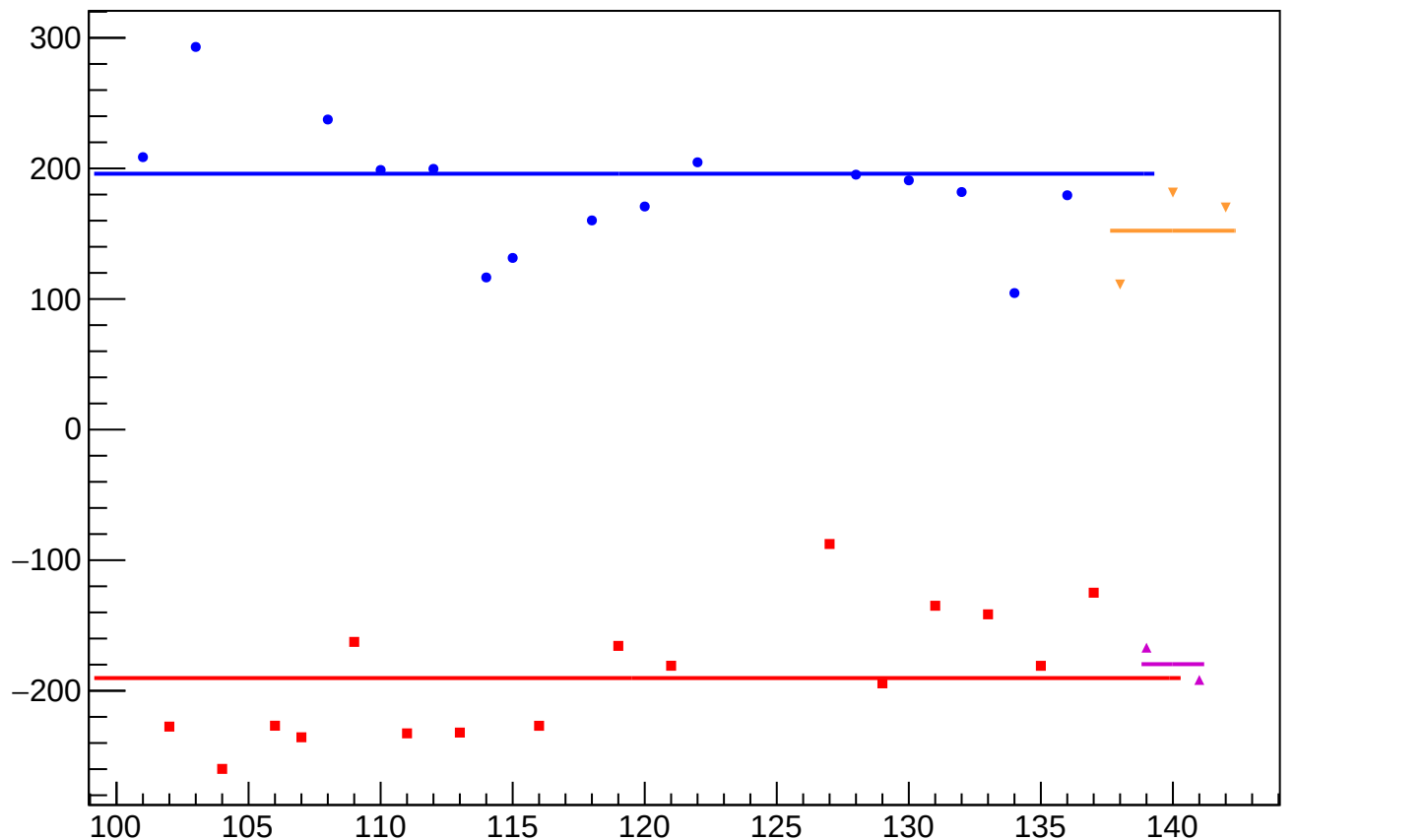
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

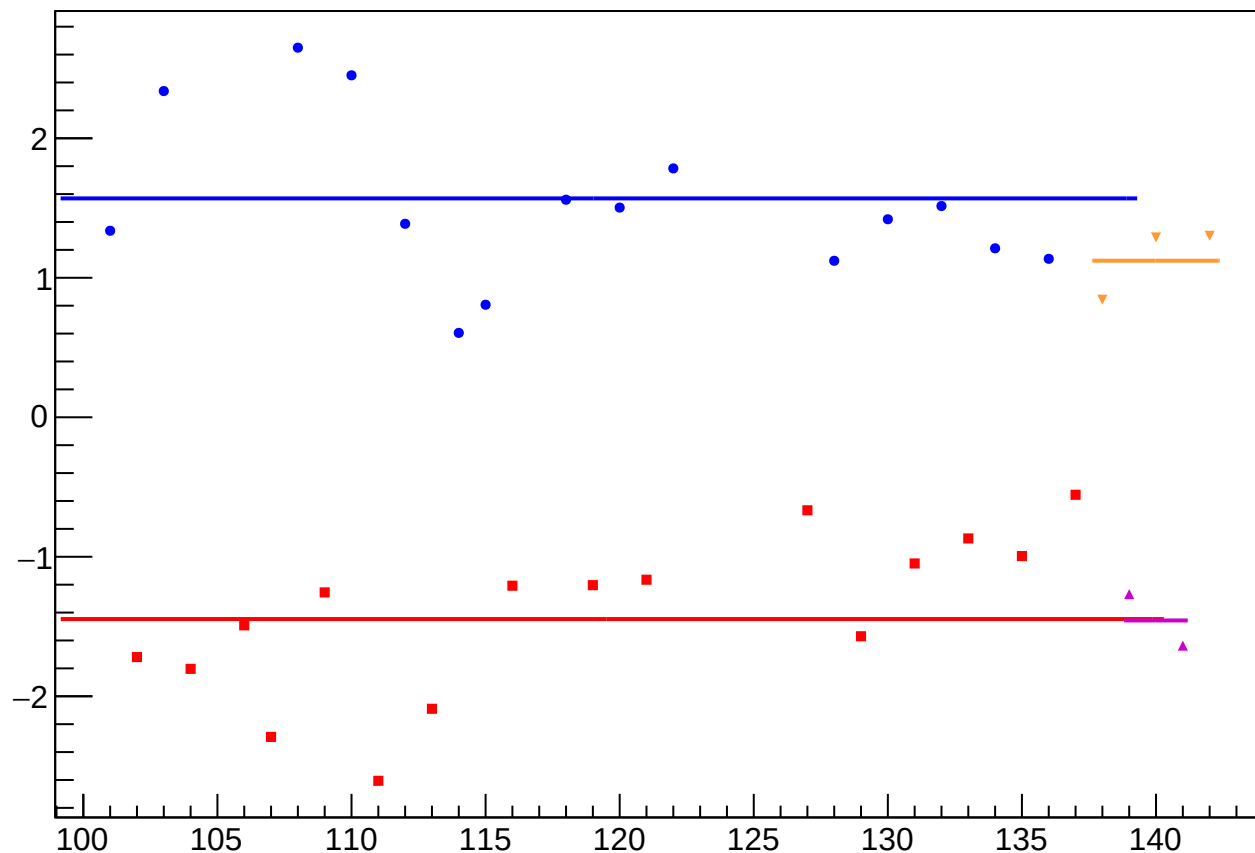
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_4eY_coil4_mean vs Slug, Sign Corrected



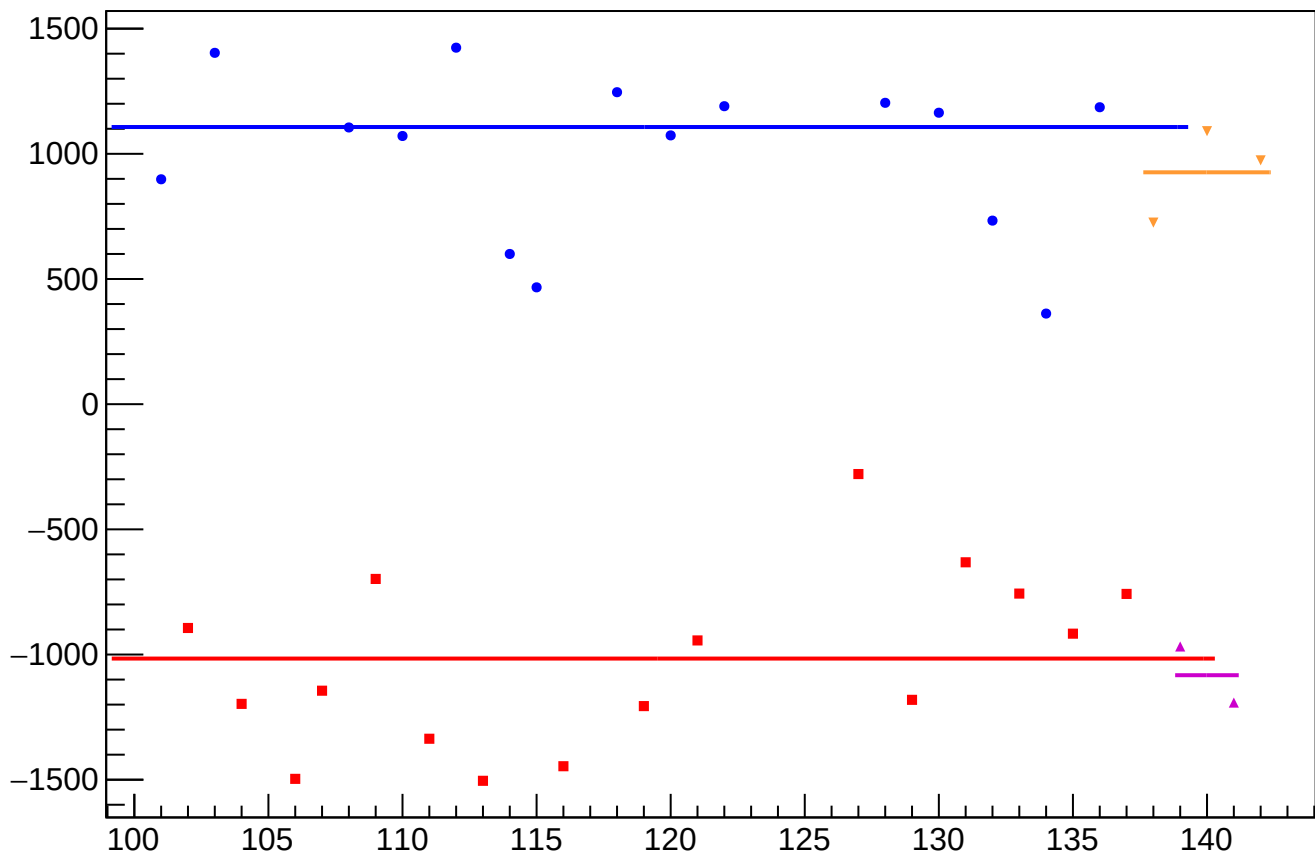
Right In: 195.940 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14
 Left Out: 152.302 $\pm$ 0.000 χ^2 /NDF: 216614786126866051753150756908171264.0/2
 Right Out: -190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15
 Left In: -179.632 $\pm$ 0.000 χ^2 /NDF: 25318804149879436250997694117445632.0/1

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14
 Left Out: 1.123+/-0.000 χ^2/NDF : 9861979496907179764977311416320.0/2
 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



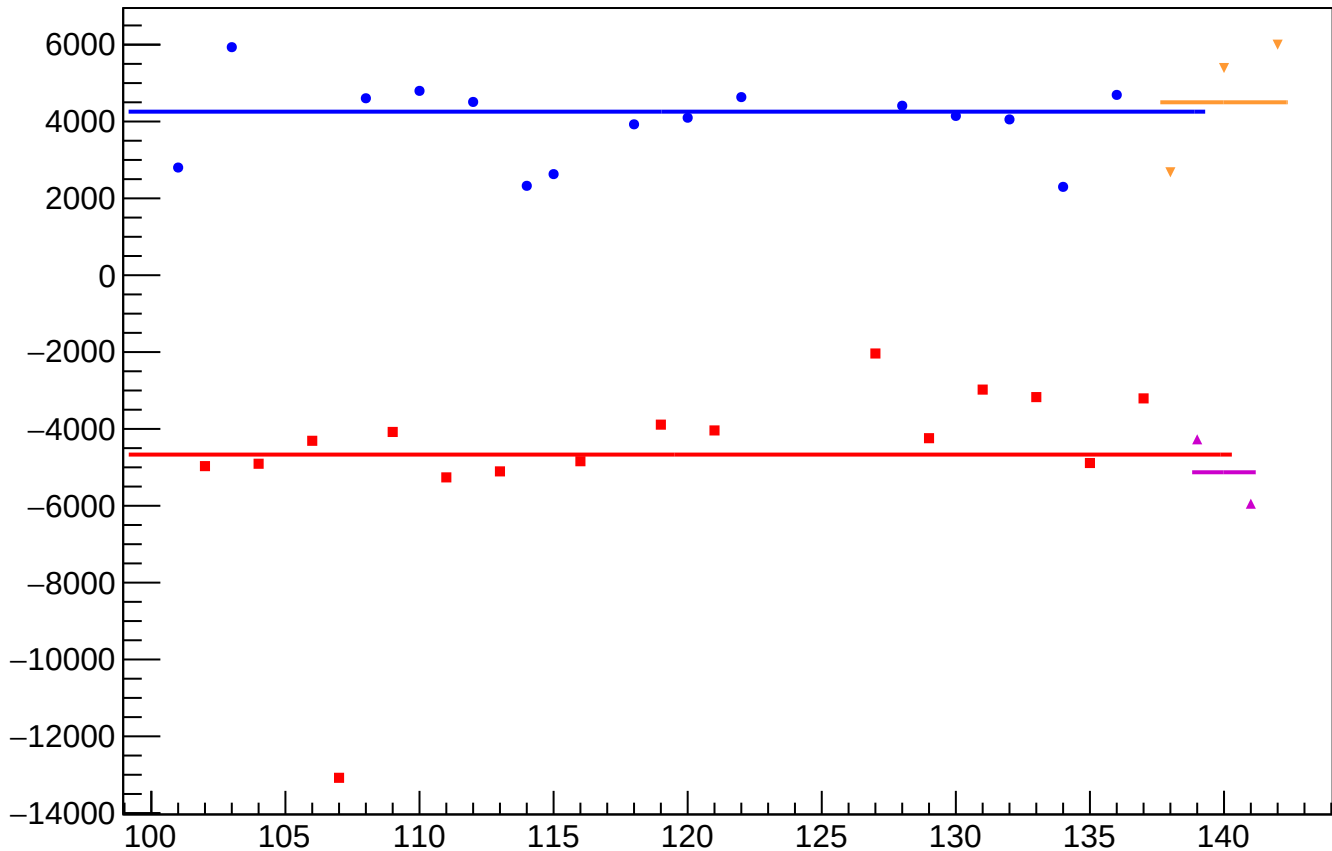
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

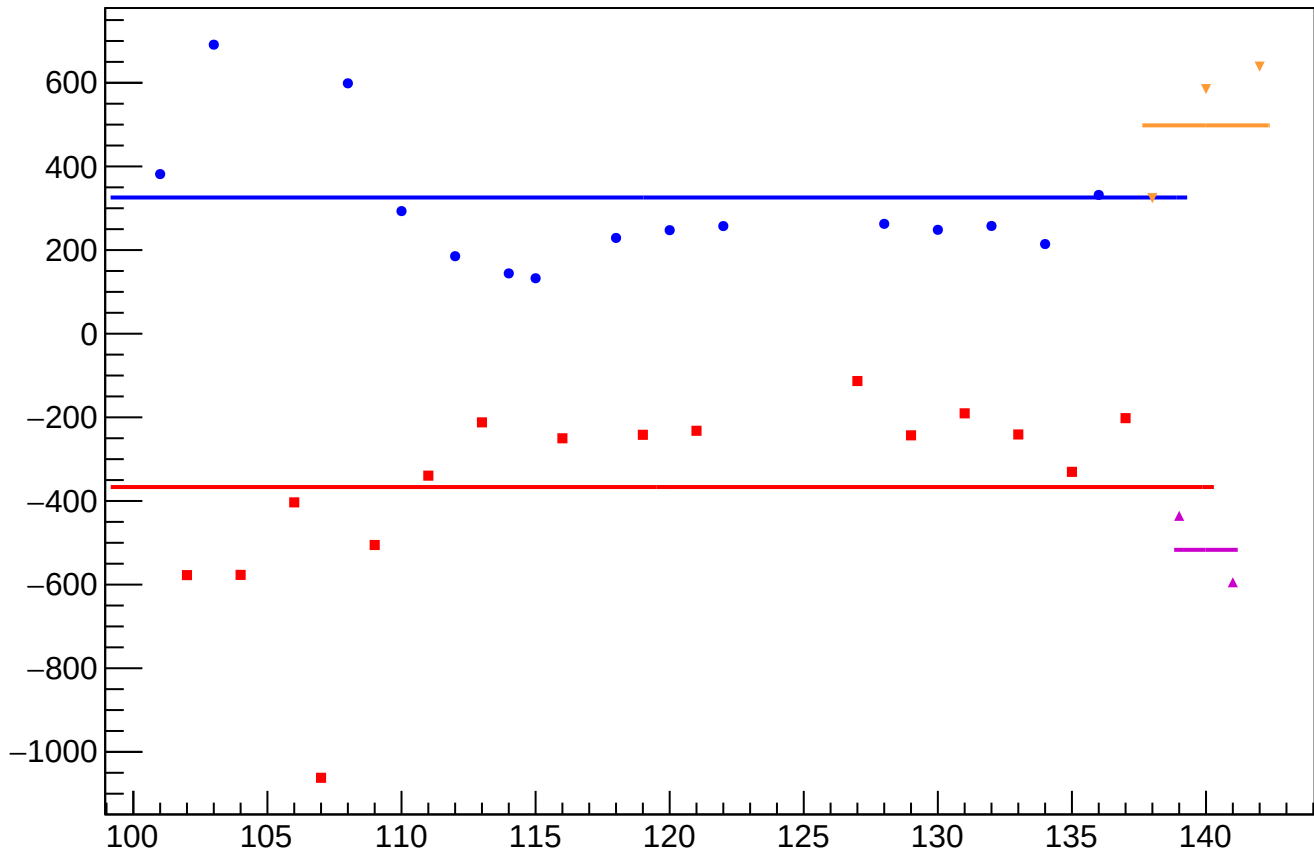
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_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



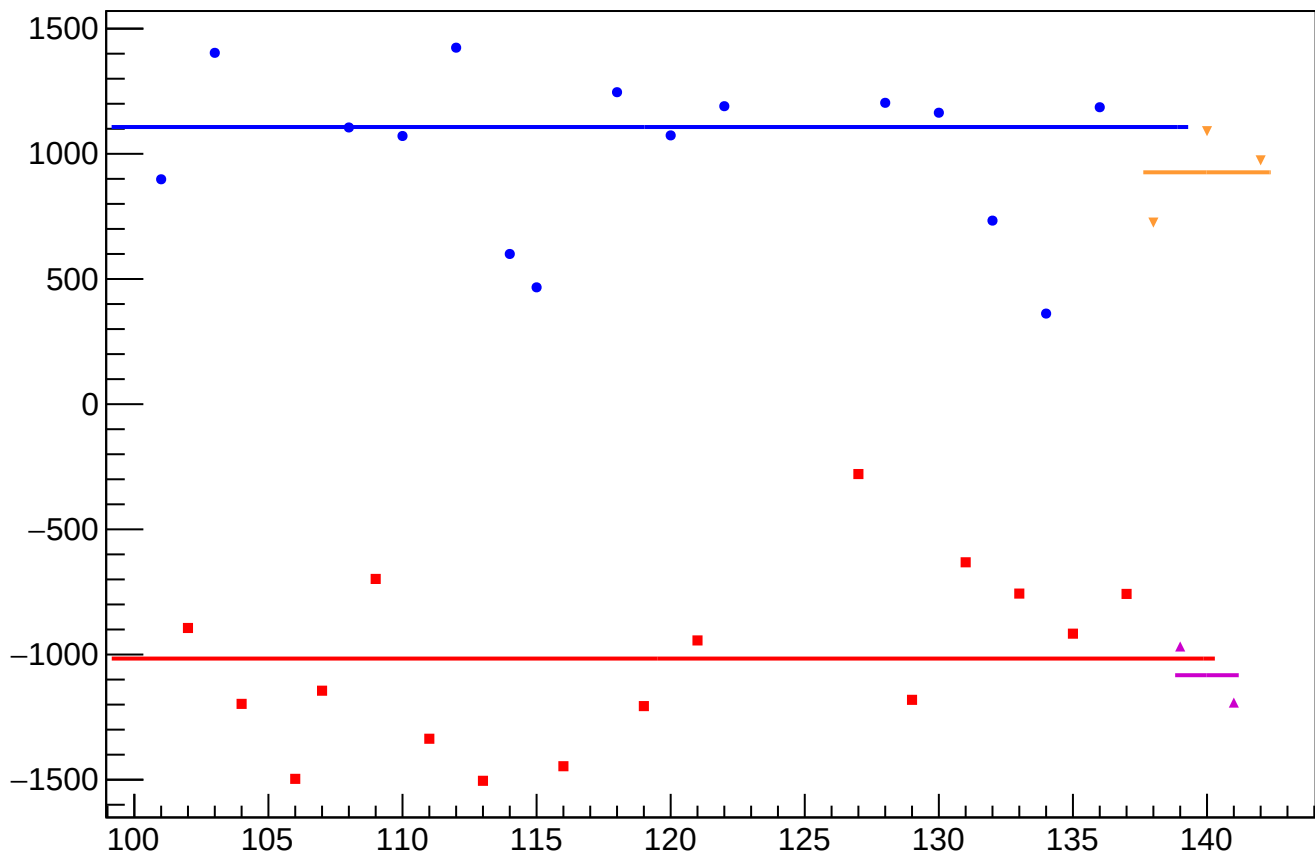
Right In: 325.732 $\pm$ 0.000 χ^2 /NDF: 14633359567940244123897242769854300160.0/14

Left Out: 498.198 $\pm$ 0.000 χ^2 /NDF: 3885420750871427656084196852087390208.0/2

Right Out: -366.682 $\pm$ 0.000 χ^2 /NDF: 32097250699947956409117440115398934528.0/15

Left In: -516.805 $\pm$ 0.000 χ^2 /NDF: 1046623899429148695792299113600516096.0/1

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



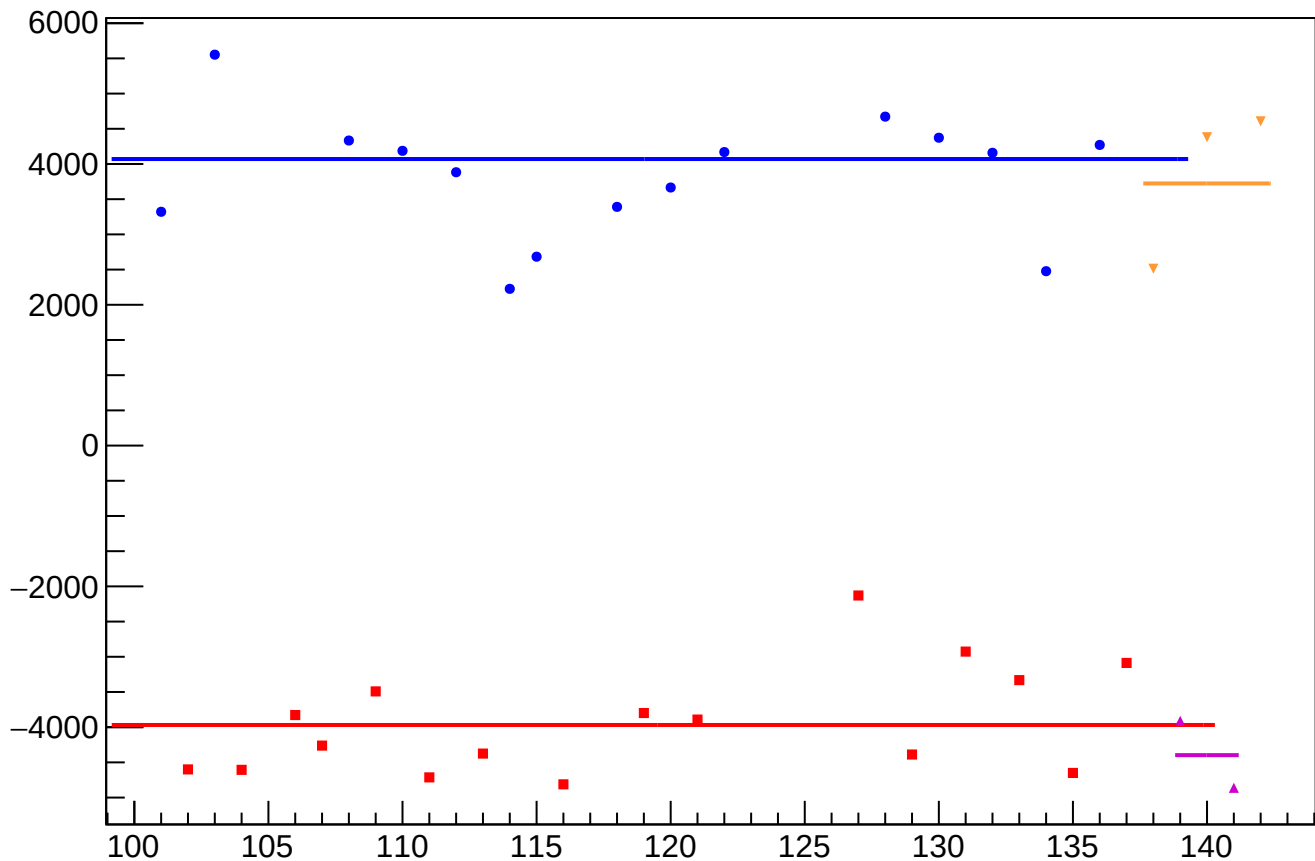
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2

Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

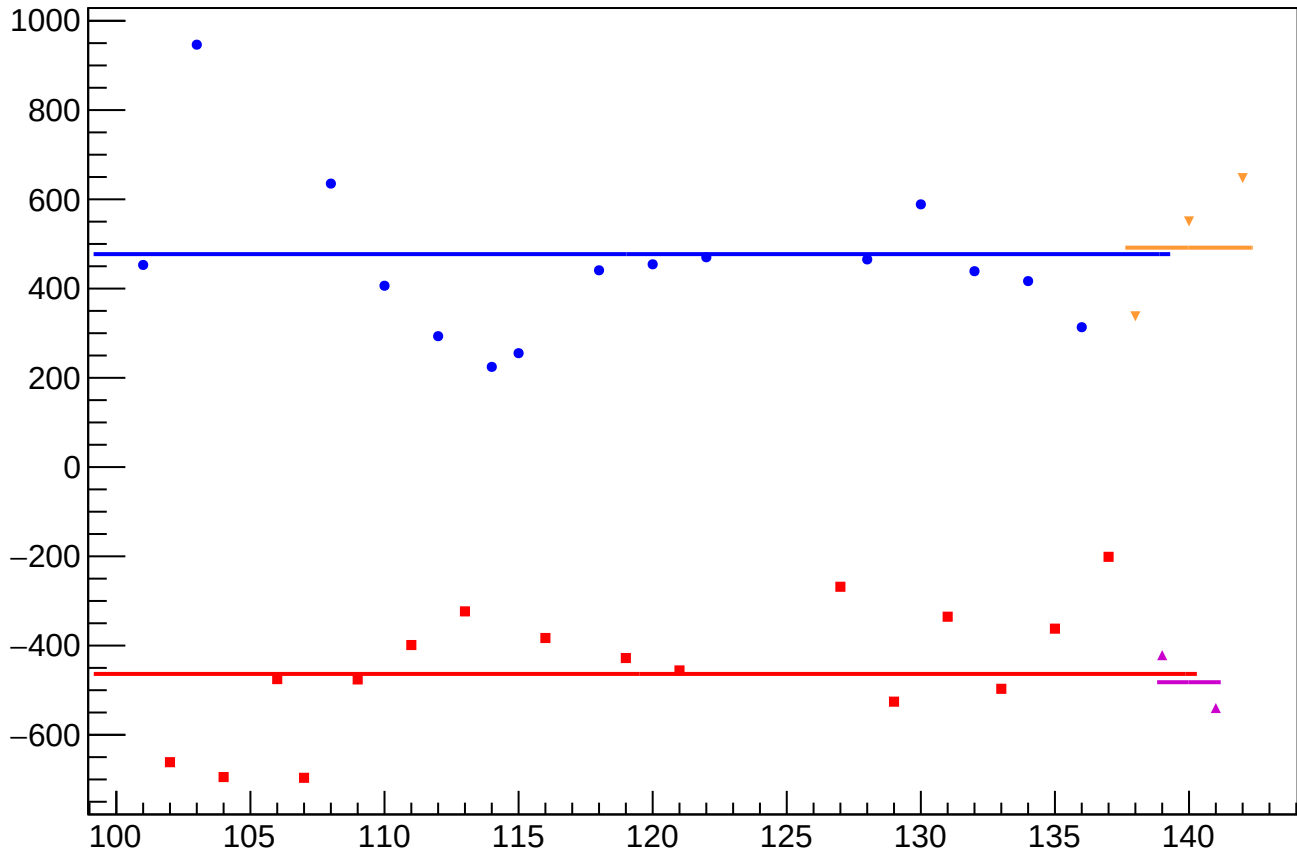
Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 4070.444 +/- 0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14
 Left Out: 3723.413 +/- 0.000 χ^2/NDF : 185601684290303844288744044313192693760.0/2
 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



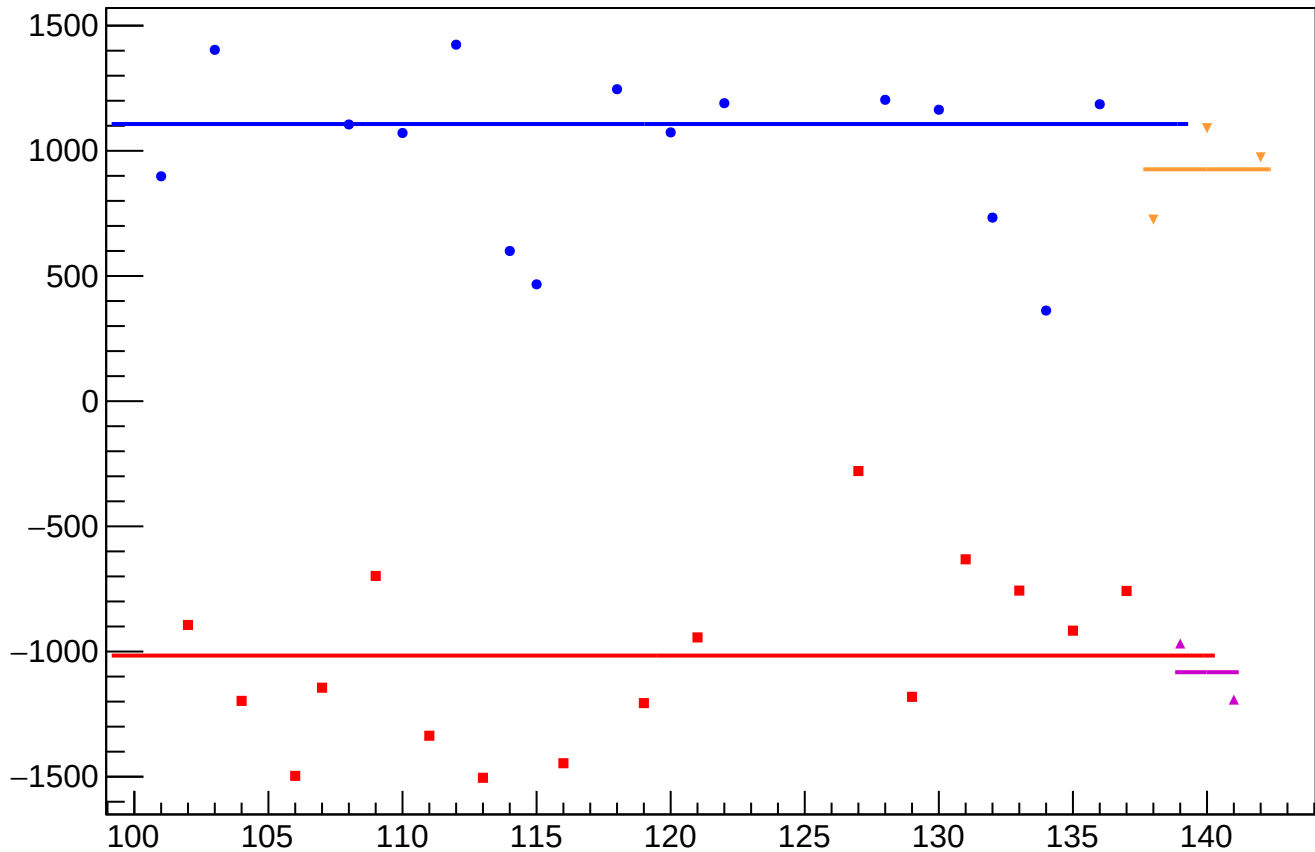
Right In: 477.186 $\pm$ 0.000 χ^2 /NDF: 20455719931758379978892605184974782464.0/14

Left Out: 491.658 $\pm$ 0.000 χ^2 /NDF: 3246537924236888397055931018924523520.0/2

Right Out: -463.513 $\pm$ 0.000 χ^2 /NDF: 12556777931069903370031832388184571904.0/15

Left In: -482.107 $\pm$ 0.000 χ^2 /NDF: 582207873395172478913456786496290816.0/1

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



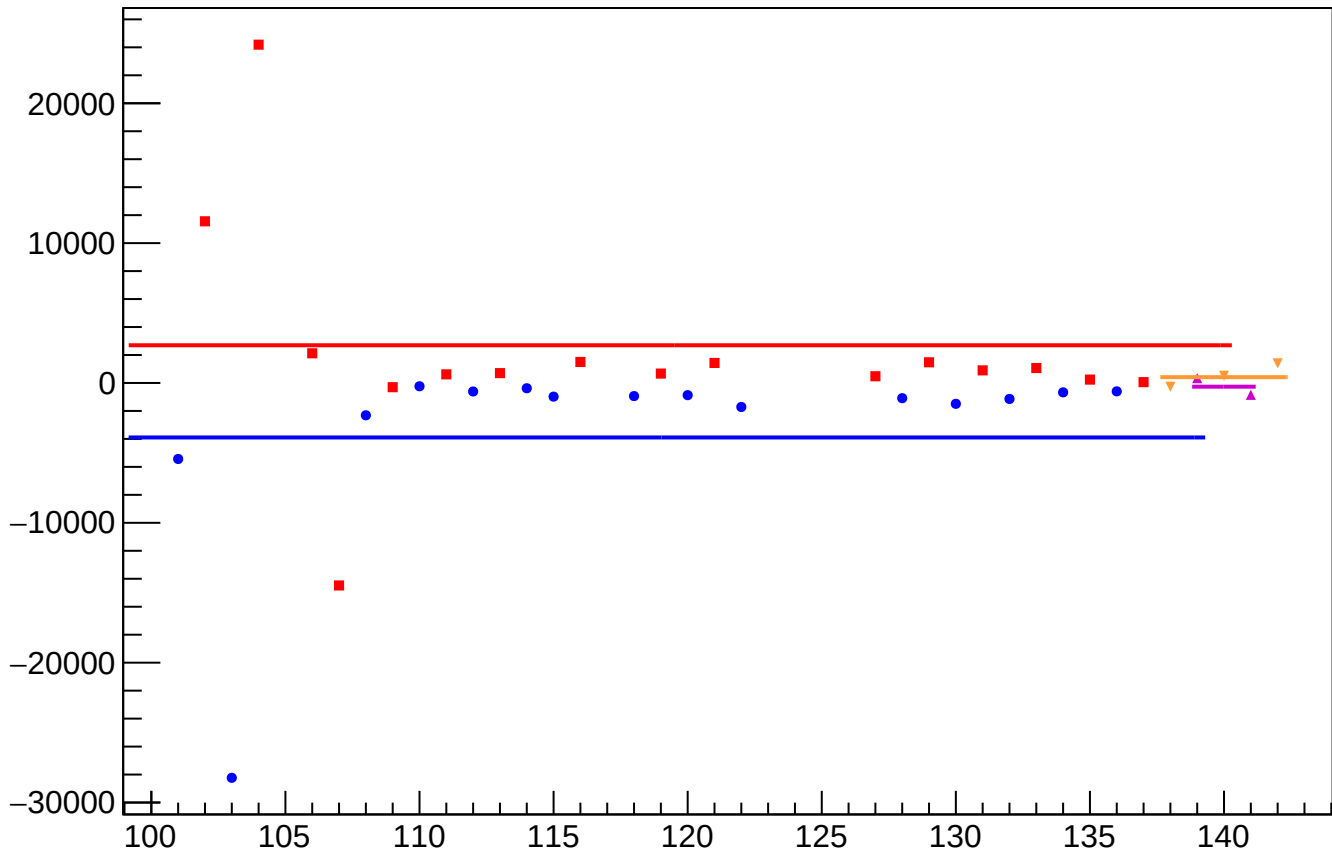
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 926.155 +/- 0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2

Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

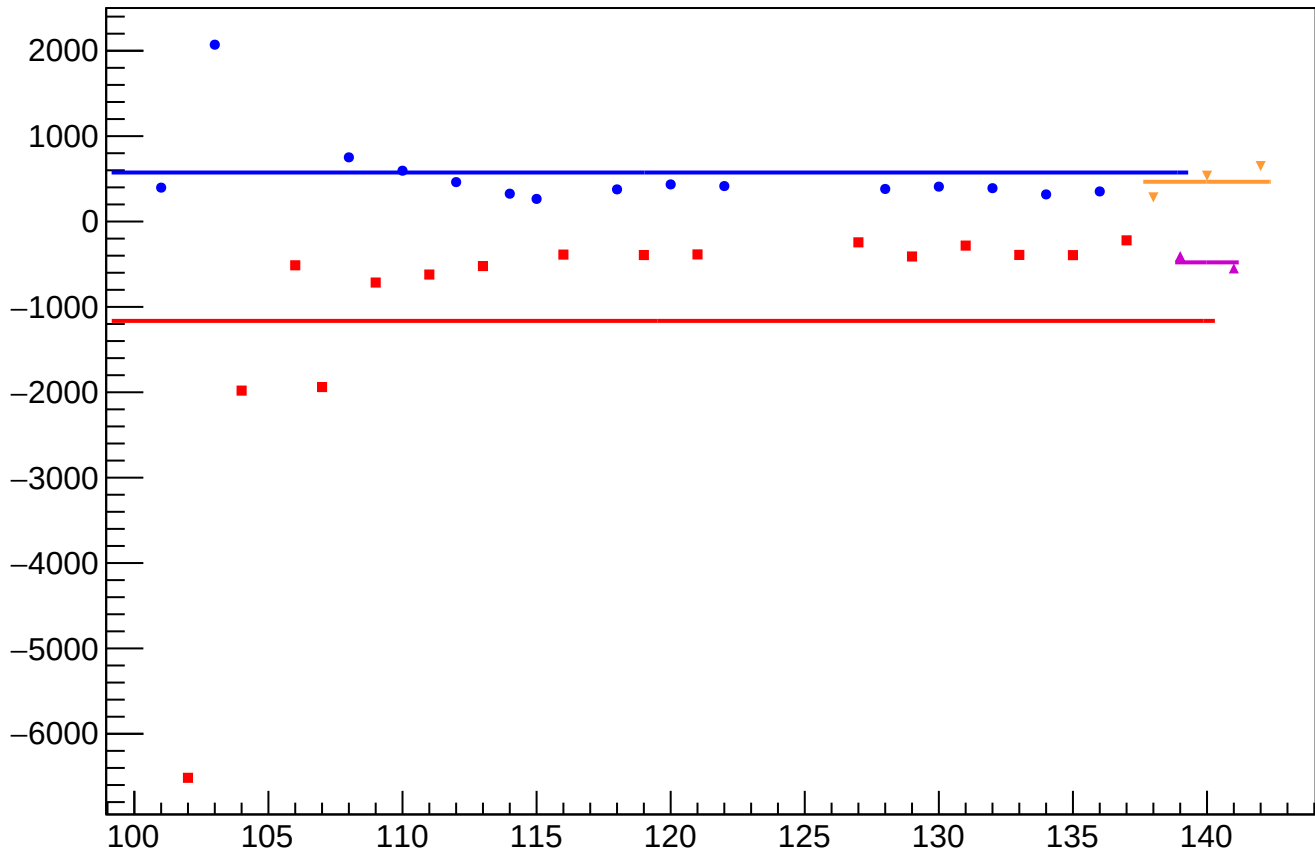
Left In: -1082.578 +/- 0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
Left Out: 415.995+/-0.000 χ^2/NDF : 82313389870622150717872564992630325248.0/2
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



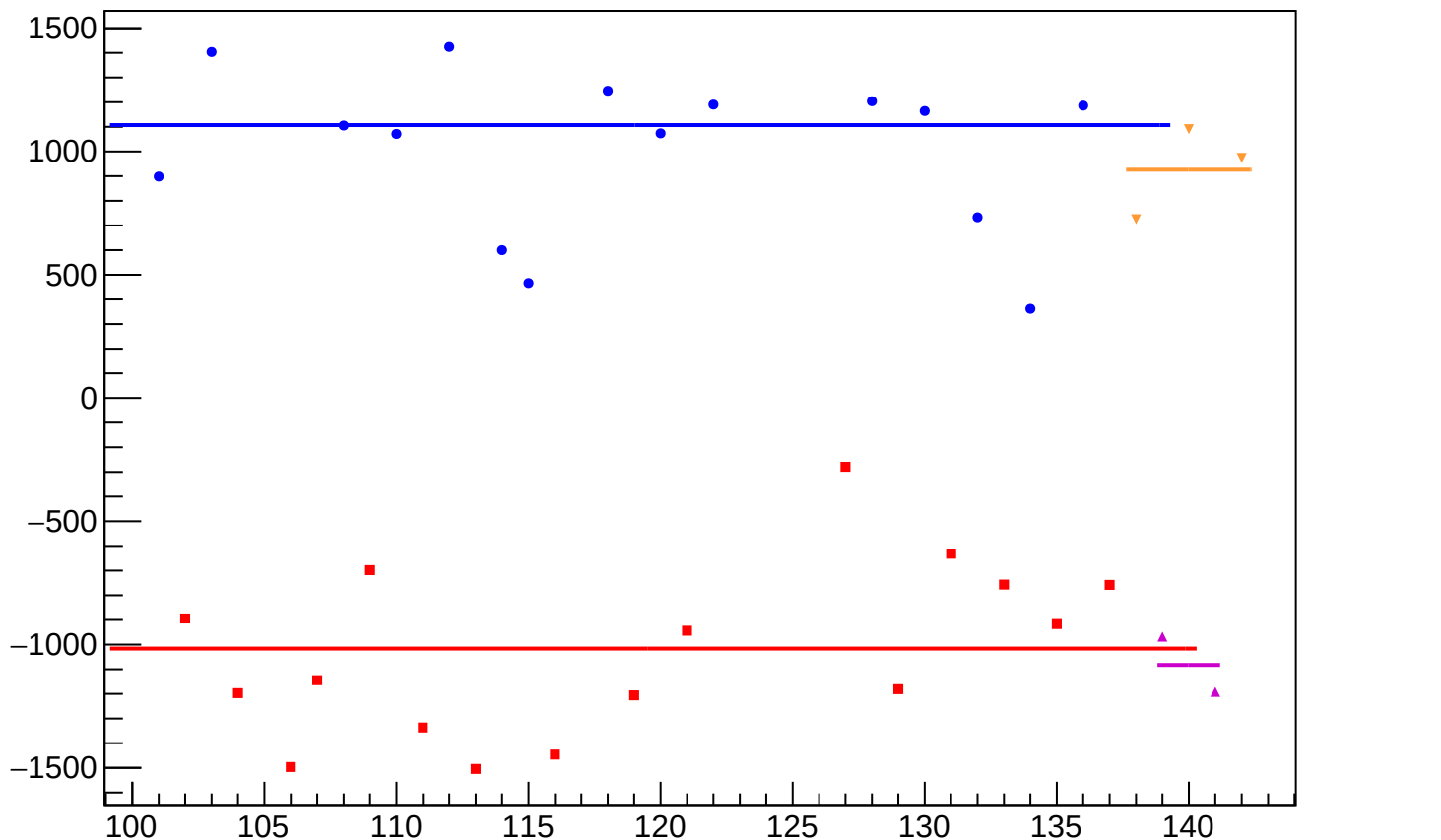
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

Left Out: 465.583+/-0.000 χ^2/NDF : 4570676006178827589167293671887863808.0/2

Right Out: -1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15

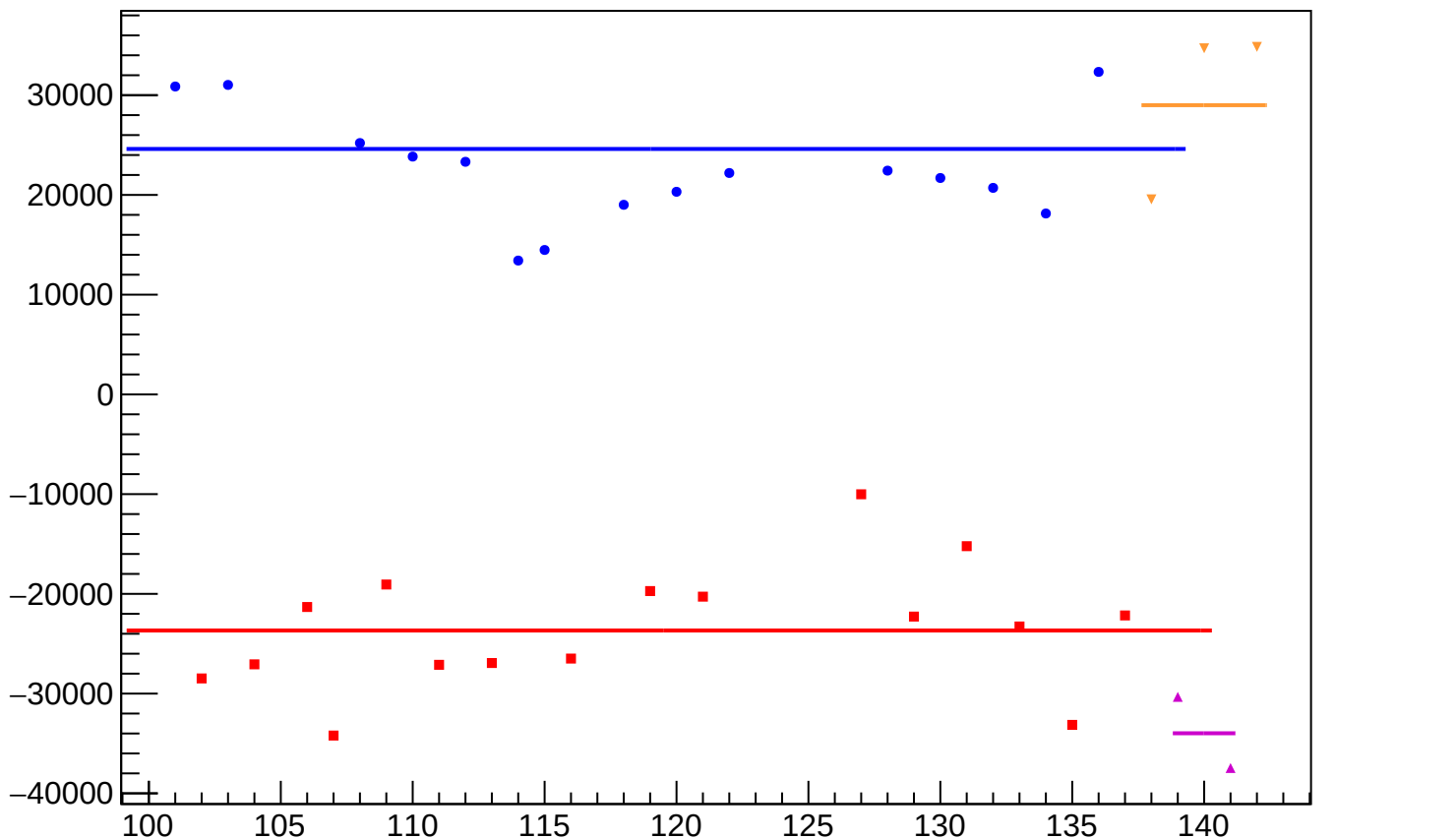
Left In: -478.430+/-0.000 χ^2/NDF : 866669819364960689156296399298494464.0/1

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



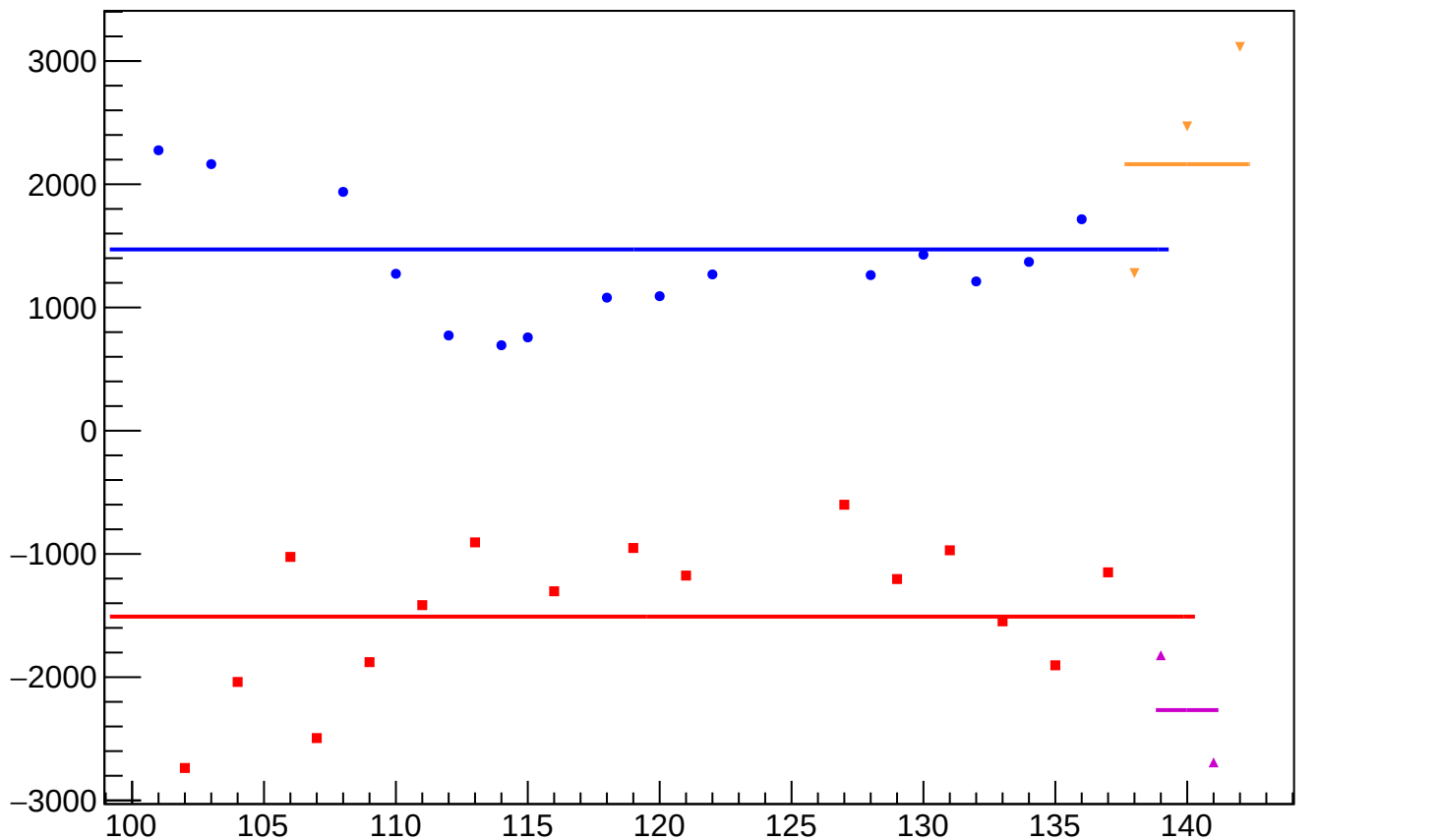
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_atl2_coil4_mean vs Slug, Sign Corrected



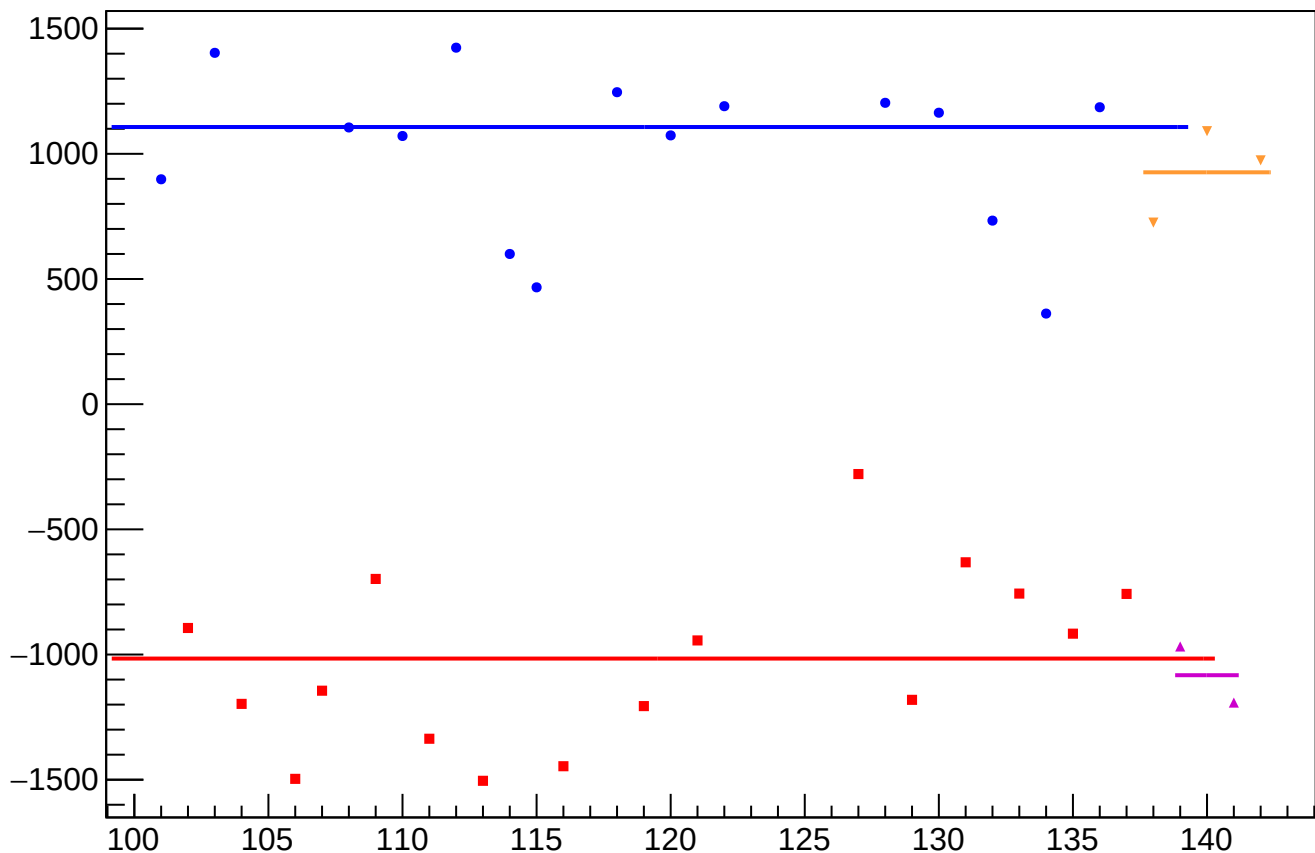
Right In: 24608.761+/-0.000 χ^2/NDF : 17555600427140701787636759084167268925440.0/14
 Left Out: 28998.519+/-0.000 χ^2/NDF : 11193297513918852224903861483104609763328.0/2
 Right Out: -23673.937+/-0.000 χ^2/NDF : 24824229344827567313624871677295341862912.0/15
 Left In: -33978.011+/-0.000 χ^2/NDF : 2110042771633006072106264331150449180672.0/1

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



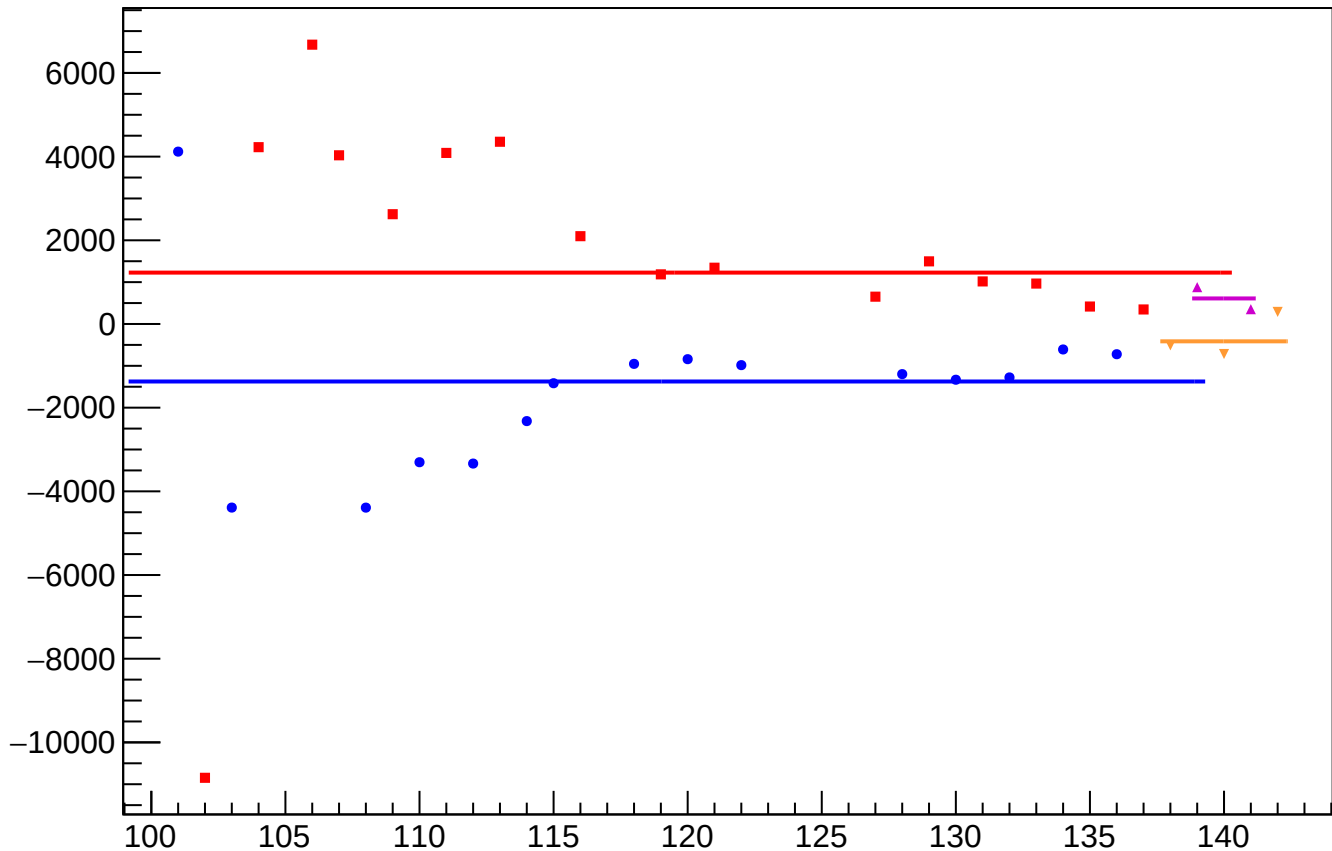
Right In: 1471.095 +/- 0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14
 Left Out: 2162.829 +/- 0.000 χ^2/NDF : 110304774413016529882296387714806710272.0/2
 Right Out: -1508.451 +/- 0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15
 Left In: -2266.965 +/- 0.000 χ^2/NDF : 31342120143856954622447614953487597568.0/1

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 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_atr1_coil4_mean vs Slug, Sign Corrected



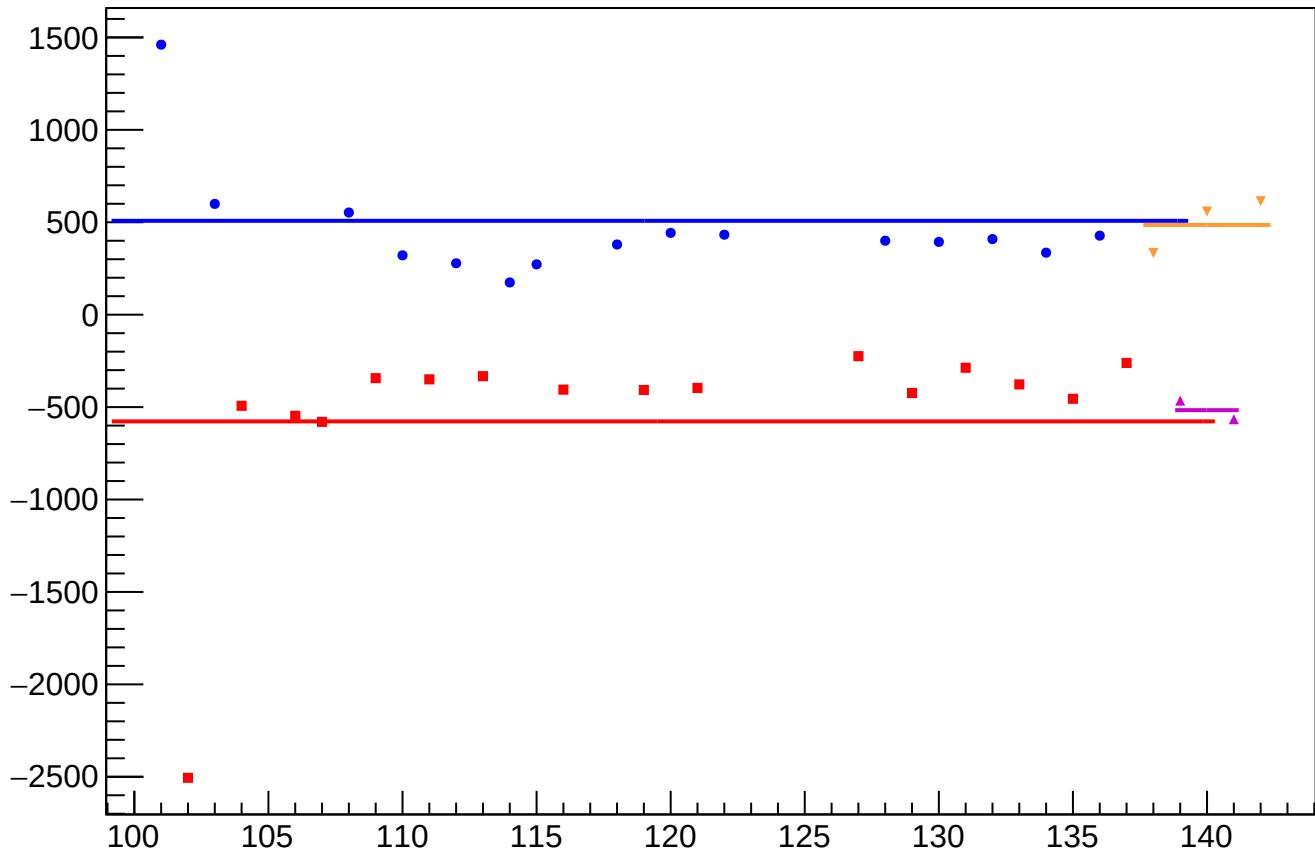
Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14

Left Out: -414.723+/-0.000 χ^2/NDF : 31013603320684811755993476986136690688.0/2

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



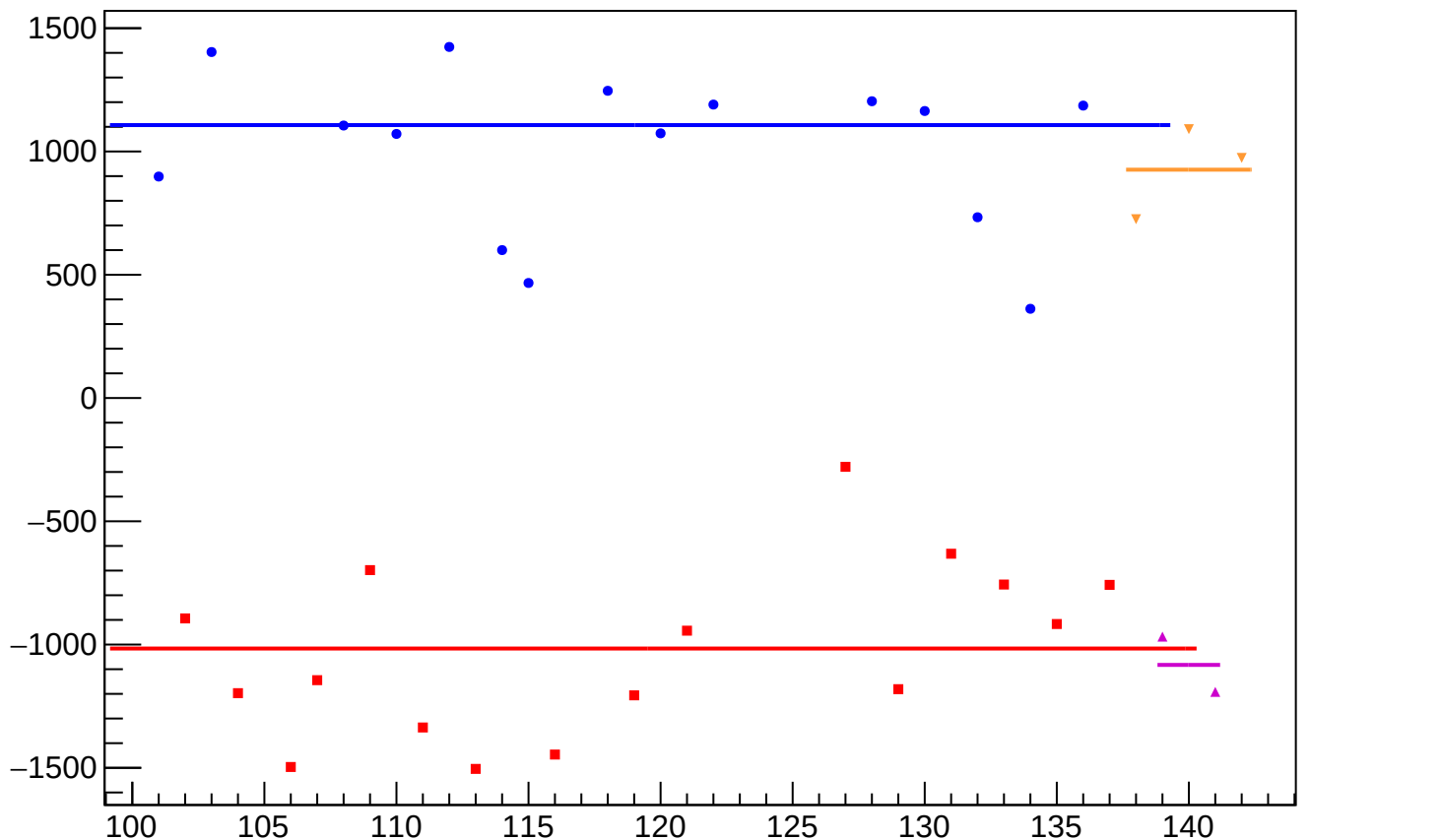
Right In: 507.809 +/- 0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 485.567 +/- 0.000 χ^2/NDF : 2977027967195490659616936778583244800.0/2

Right Out: -577.250 +/- 0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

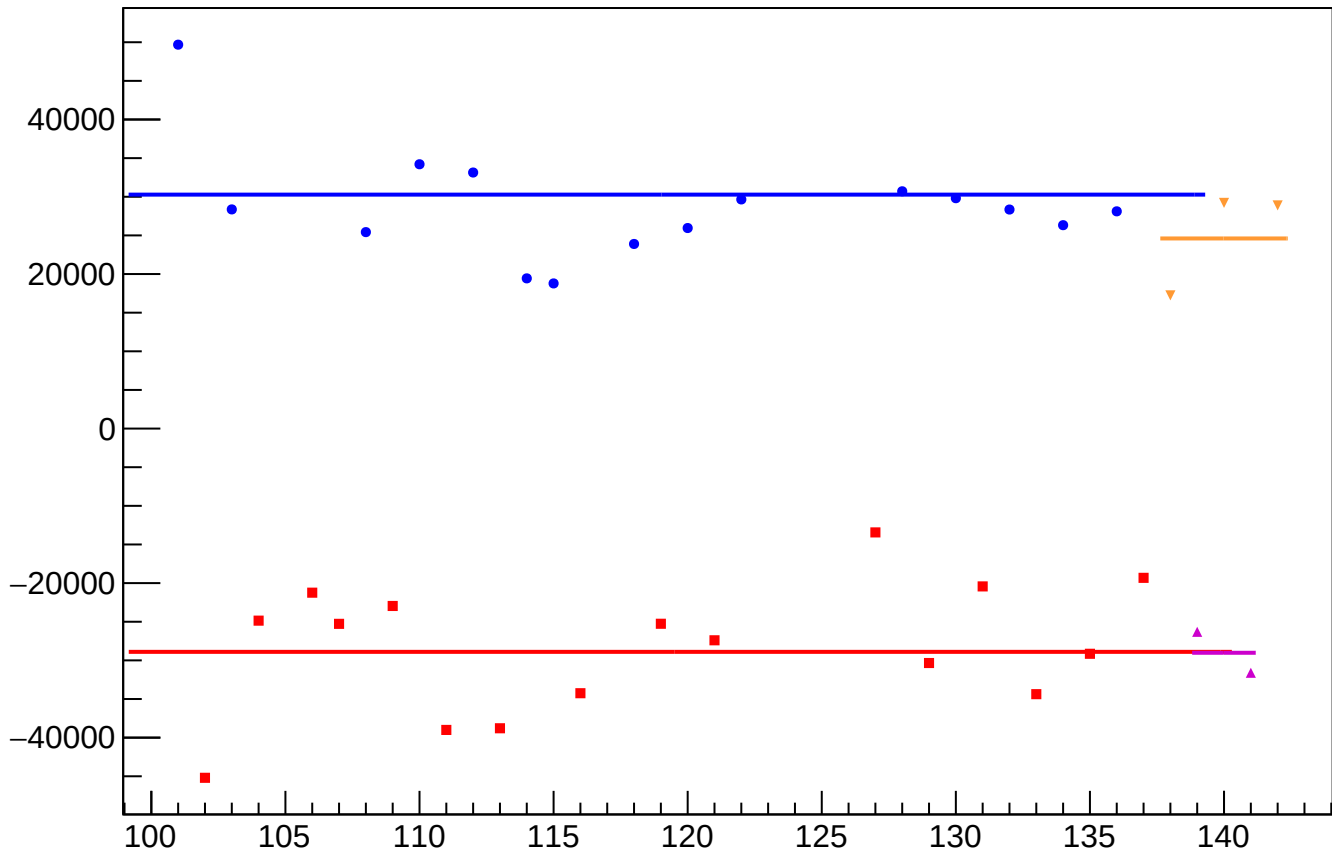
Left In: -516.438 +/- 0.000 χ^2/NDF : 420591558322302543338216010314416128.0/1

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



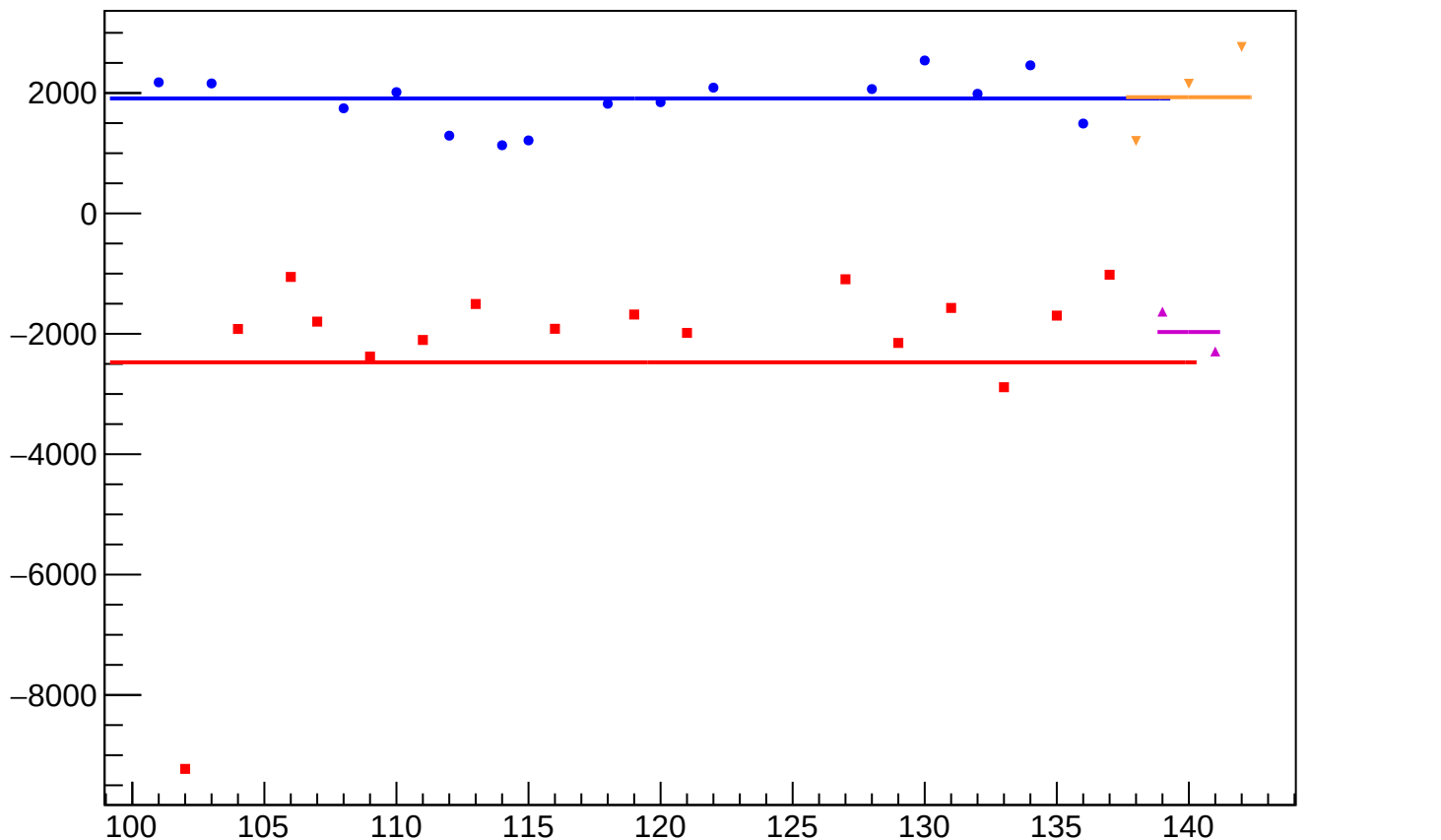
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 926.155 $\pm$ 0.000 χ^2 /NDF: 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1082.578 $\pm$ 0.000 χ^2 /NDF: 2083443553823124896501893118400921600.0/1

dit_atr2_coil4_mean vs Slug, Sign Corrected



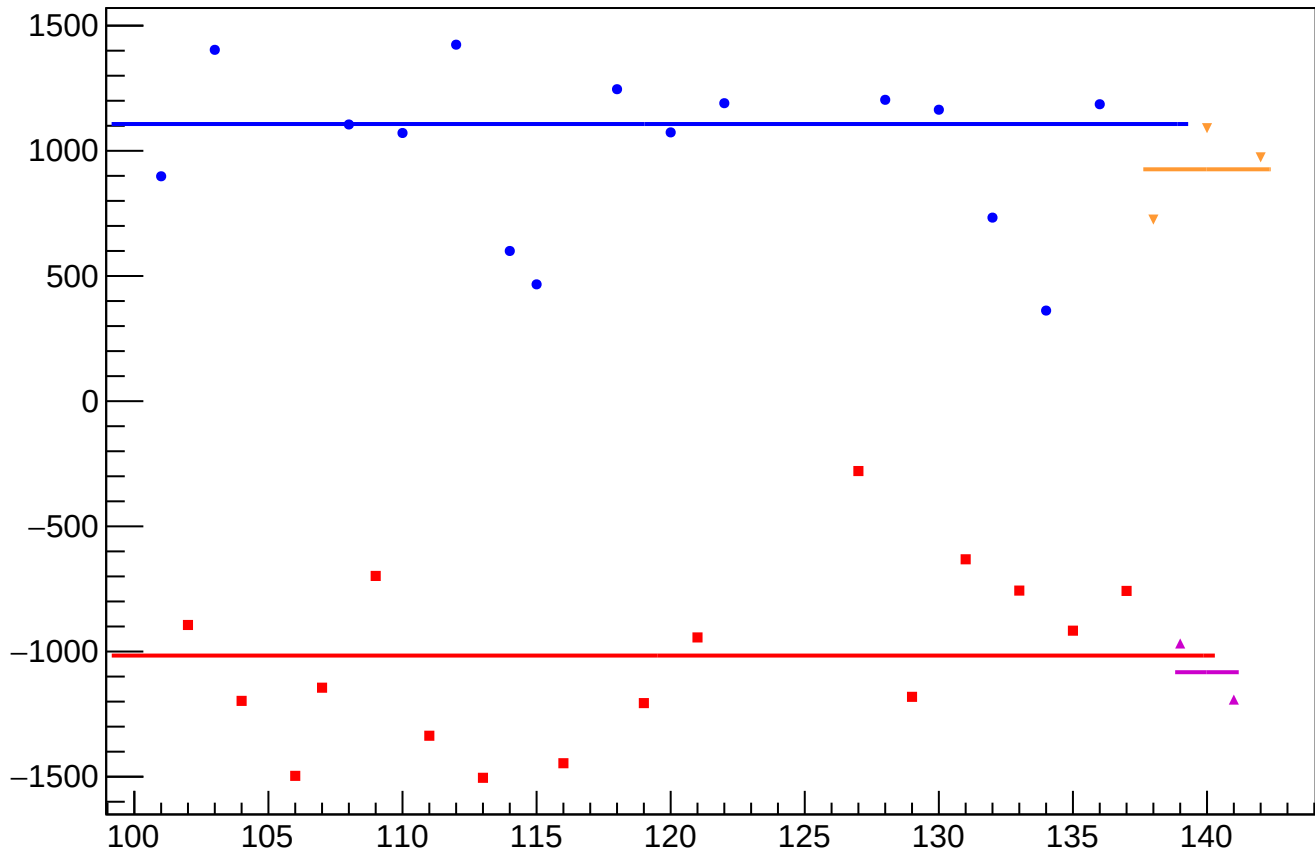
Right In: 30277.649+/-0.000 χ^2/NDF : 30975974641524142453090022540760519278592.0/14
 Left Out: 24604.712+/-0.000 χ^2/NDF : 6810071007012315304704925202671768436736.0/2
 Right Out: -28896.318+/-0.000 χ^2/NDF : 46969504058010359146250560228409714147328.0/15
 Left In: -29016.728+/-0.000 χ^2/NDF : 1165108914759627823455964560444417376256.0/1

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



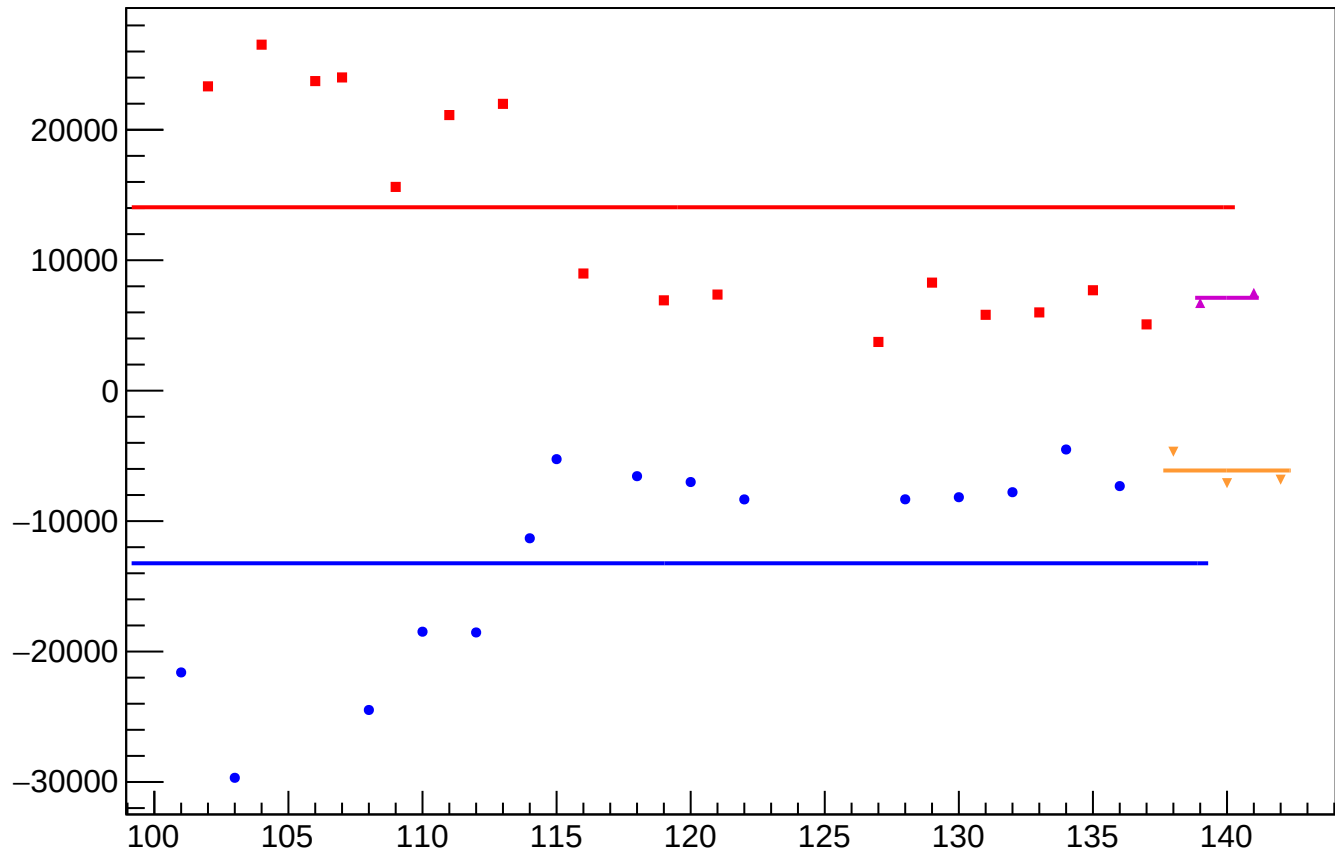
Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 1930.362+/-0.000	χ^2/NDF : 77458030719481475523373378903182671872.0/2
Right Out: -2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: -1970.239+/-0.000	χ^2/NDF : 18143079488842793188590986902575775744.0/1

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



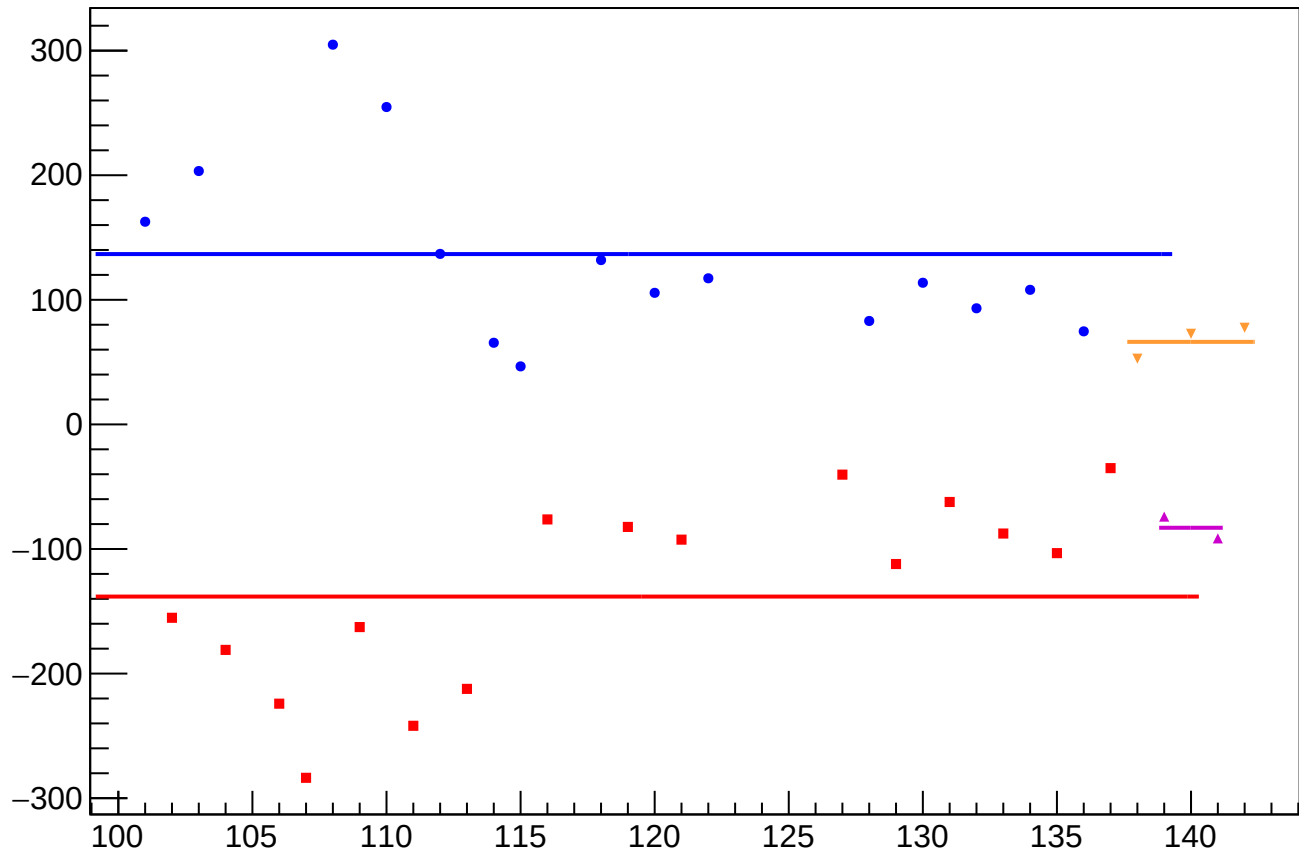
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: -13233.367 +/- 0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -6119.576 +/- 0.000 χ^2/NDF : 262358204543839463693429761490643058688.0/2
 Right Out: 14060.103 +/- 0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: 7119.448 +/- 0.000 χ^2/NDF : 24987980337644948924878495574227156992.0/1

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



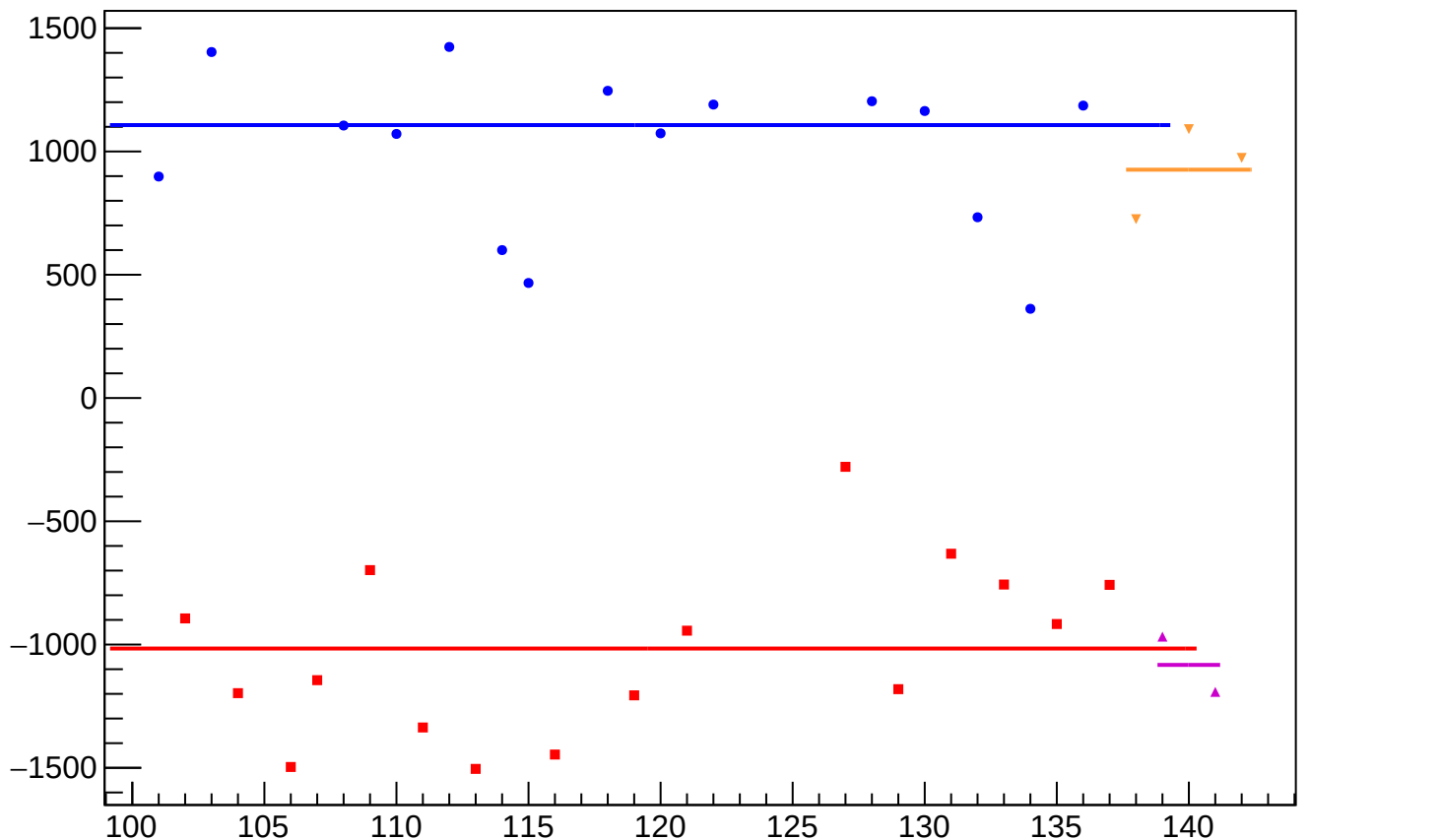
Right In: 136.711 $\pm$ 0.000 χ^2 /NDF: 2687065030885227126291764267456659456.0/14

Left Out: 66.257 $\pm$ 0.000 χ^2 /NDF: 23569511621035654594313986622095360.0/2

Right Out: -138.179 $\pm$ 0.000 χ^2 /NDF: 3230883352878636334641613561898467328.0/15

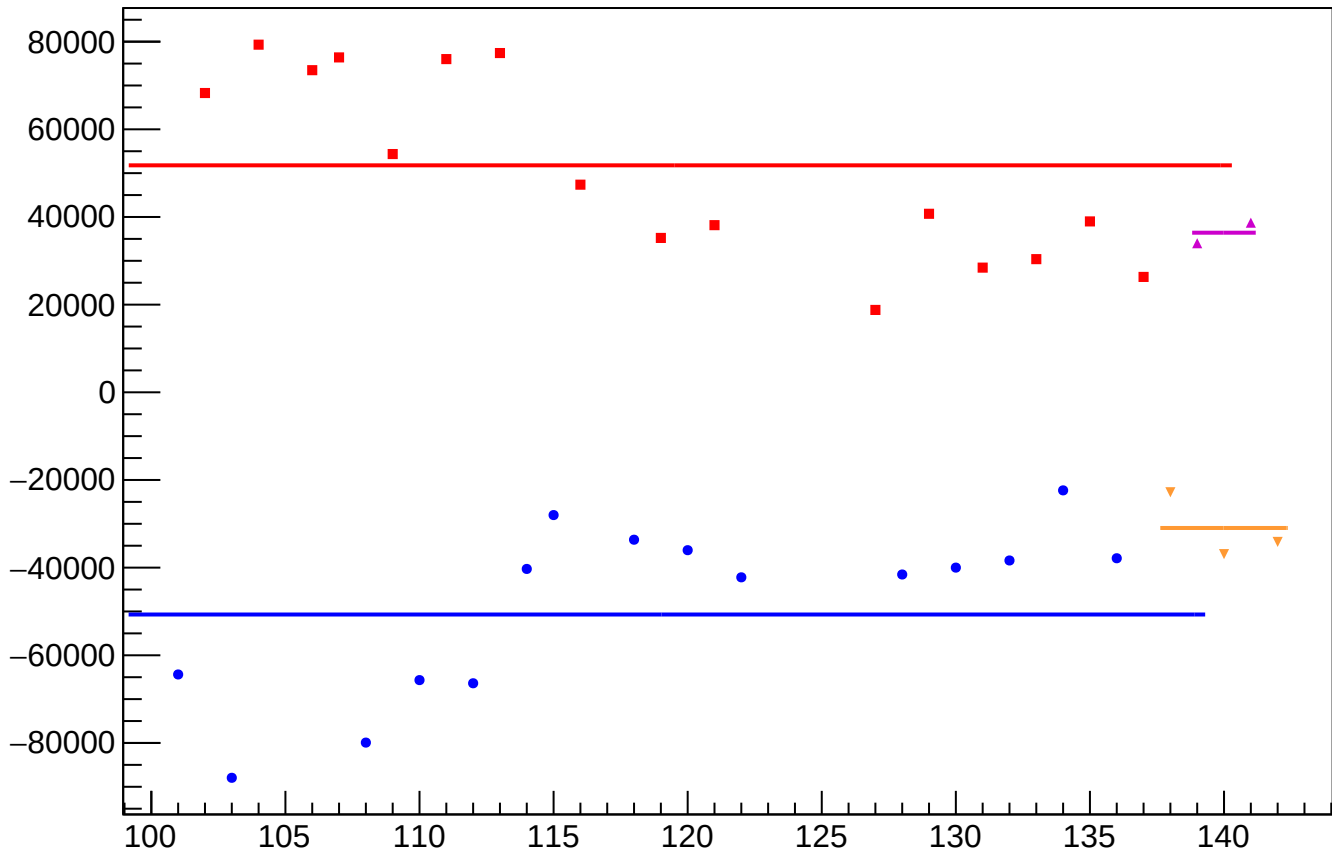
Left In: -82.955 $\pm$ 0.000 χ^2 /NDF: 12678060684135041396353960528314368.0/1

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



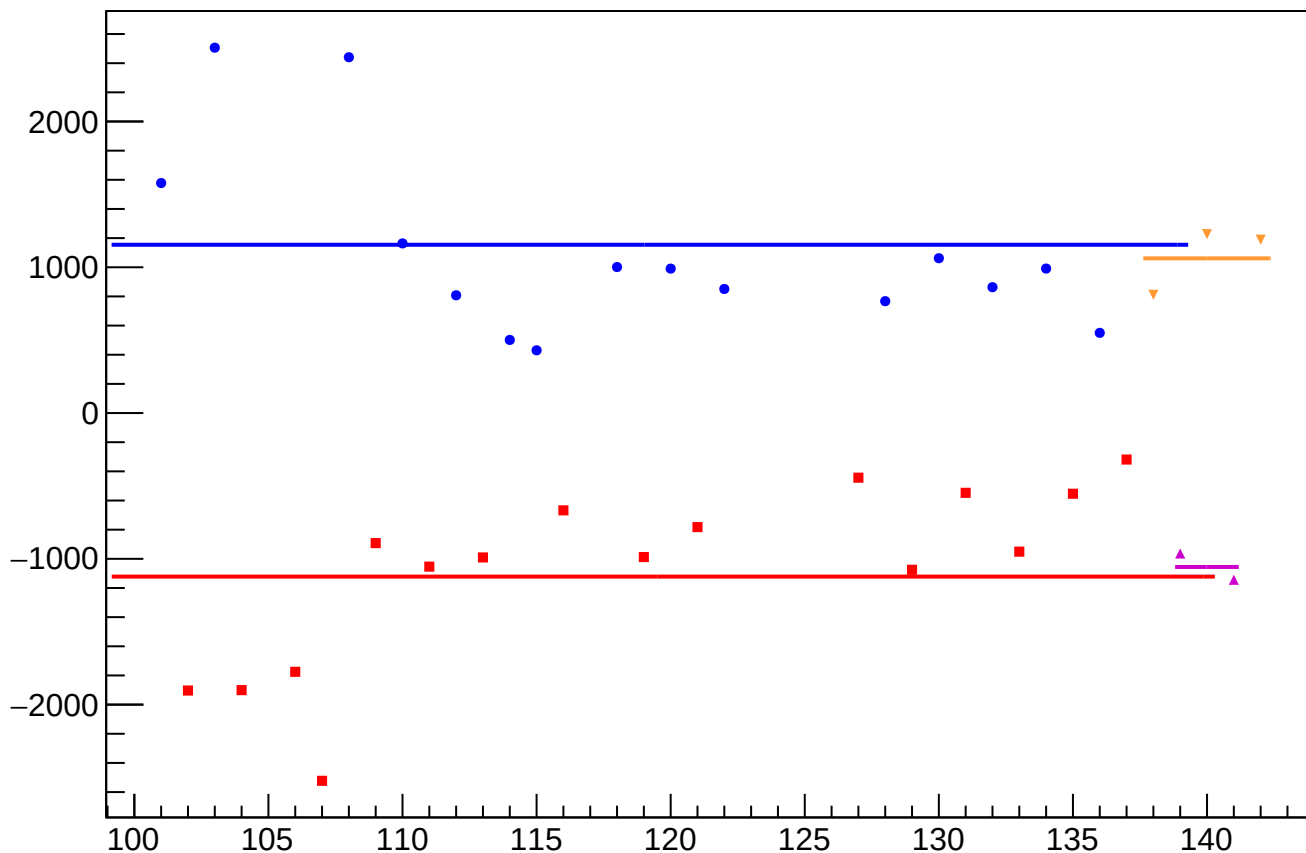
Right In: 1107.052 ± 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 926.155 ± 0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106 ± 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578 ± 0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: -50695.424 $\pm$ 0.000 χ^2 /NDF: 226613585253908576683077761132188355526656.0/14
 Left Out: -30953.583 $\pm$ 0.000 χ^2 /NDF: 8566192018900237165236633495044756602880.0/2
 Right Out: 51783.912 $\pm$ 0.000 χ^2 /NDF: 281789617729131996271154198472617478848512.0/15
 Left In: 36412.701 $\pm$ 0.000 χ^2 /NDF: 912129088924079945396181129096874426368.0/1

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



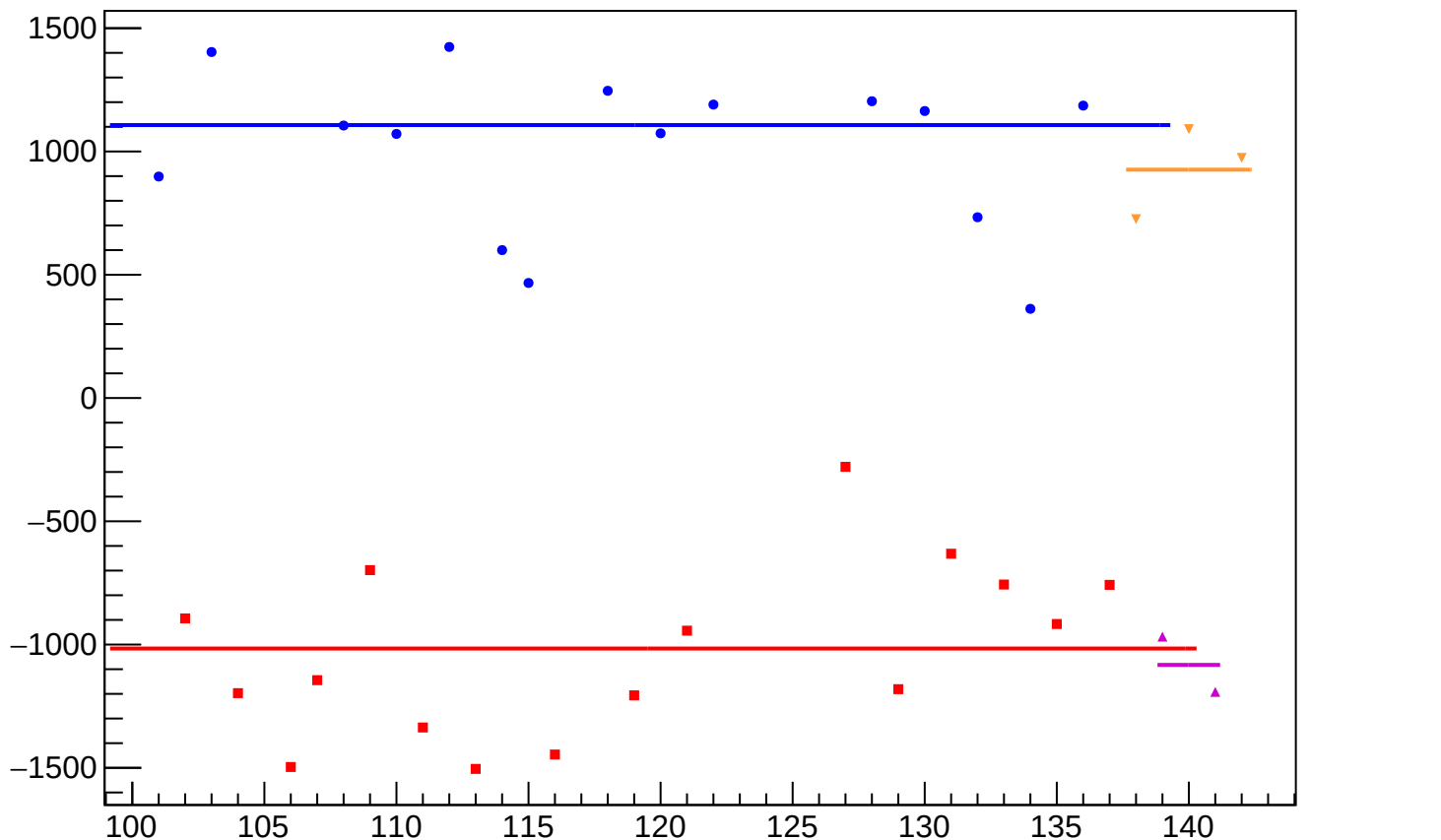
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 1061.212+/-0.000 χ^2/NDF : 7891004824982284658895607468891570176.0/2

Right Out: -1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

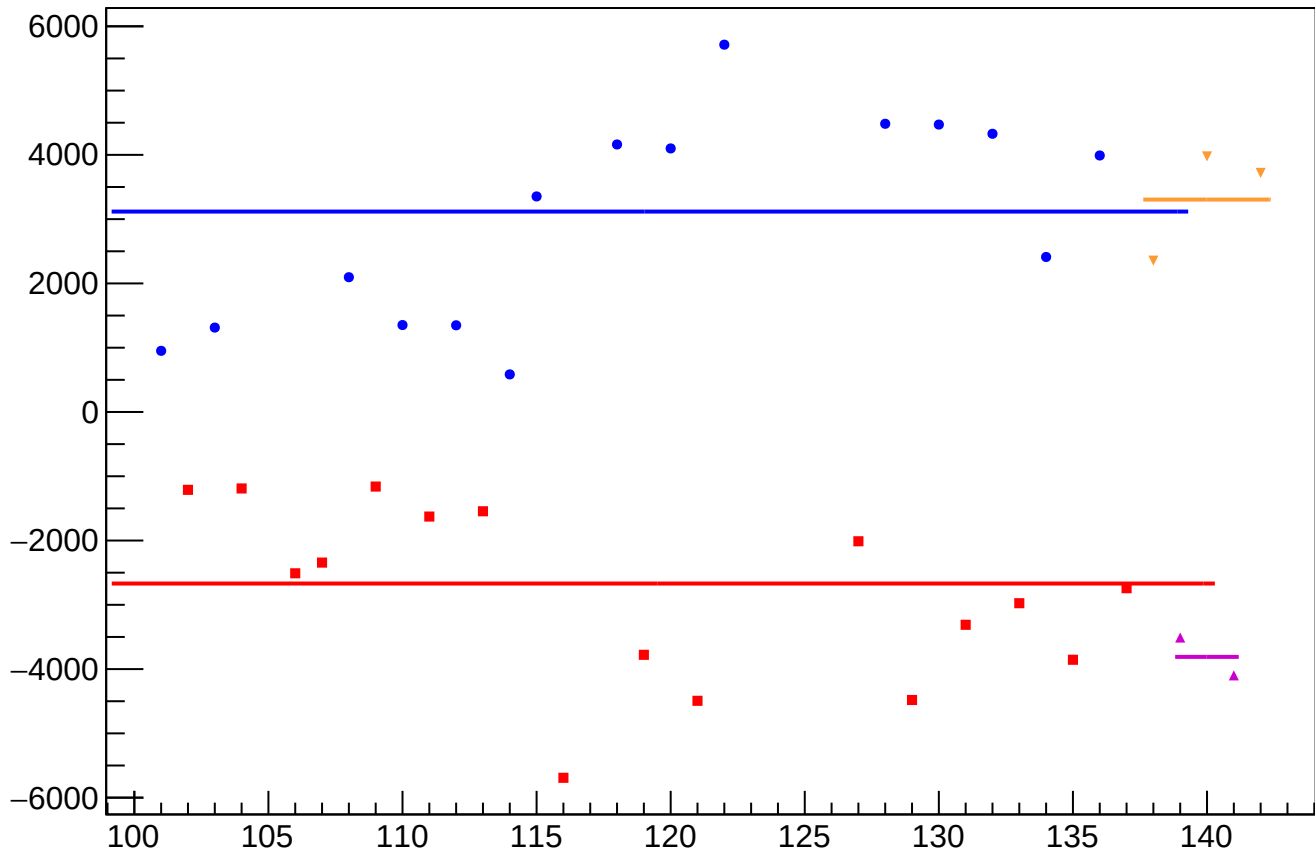
Left In: -1055.761+/-0.000 χ^2/NDF : 1347875282087847296857567920262217728.0/1

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



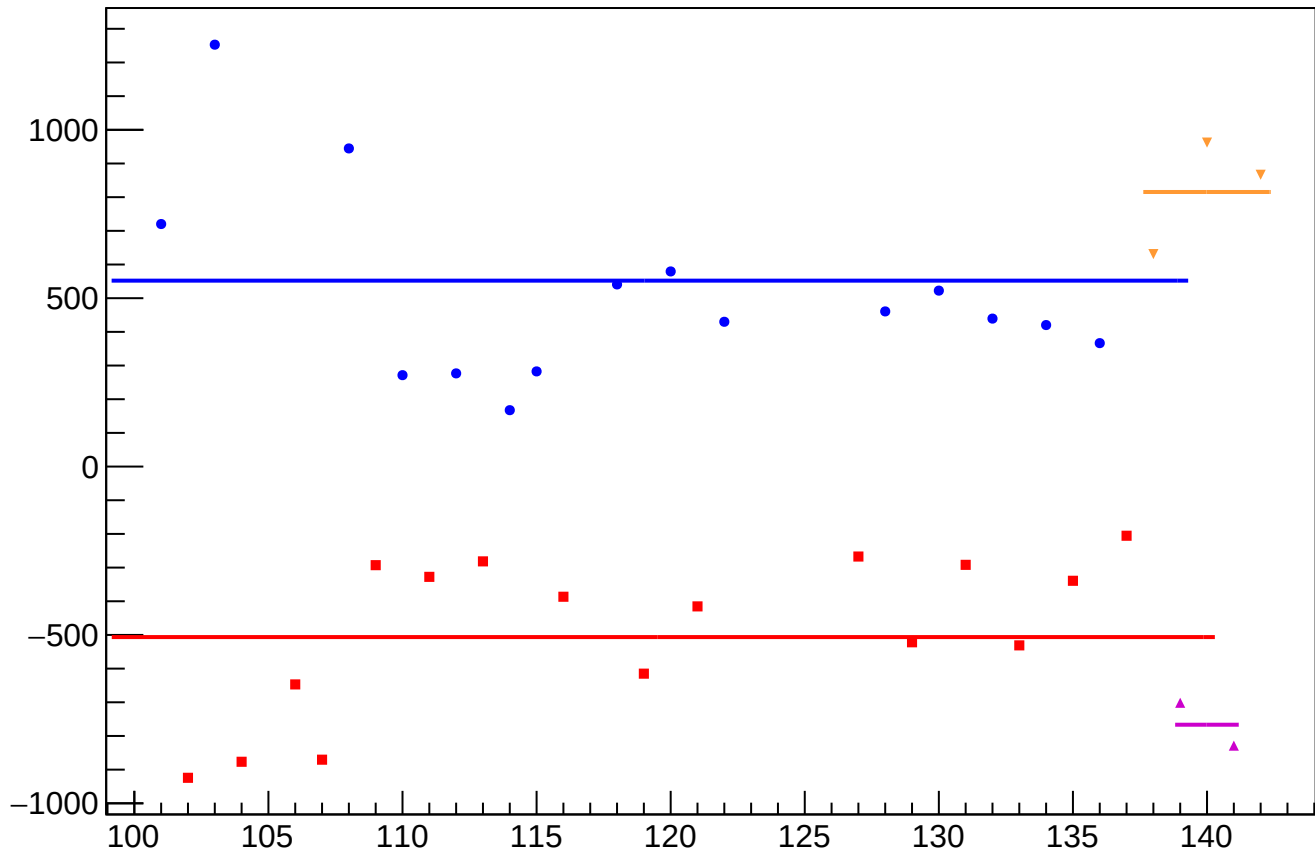
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 3117.914+/-0.000 χ^2/NDF : 1552738593335565674554918493159210090496.0/14
 Left Out: 3304.640+/-0.000 χ^2/NDF : 115332289261927432127579334650219200512.0/2
 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



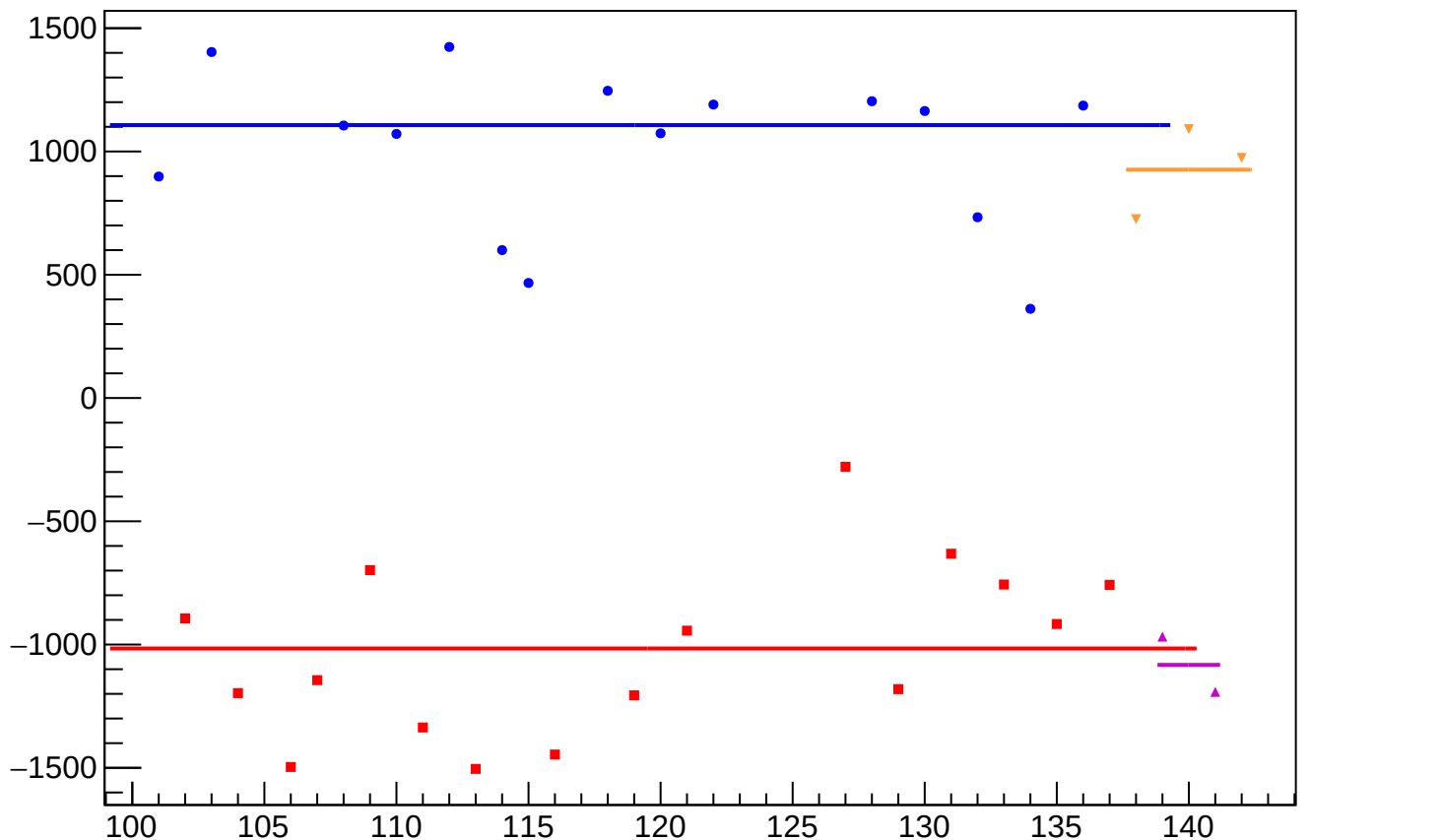
Right In: 552.108 +/- 0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 815.402 +/- 0.000 χ^2/NDF : 4537954347563700695975386539389616128.0/2

Right Out: -506.345 +/- 0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

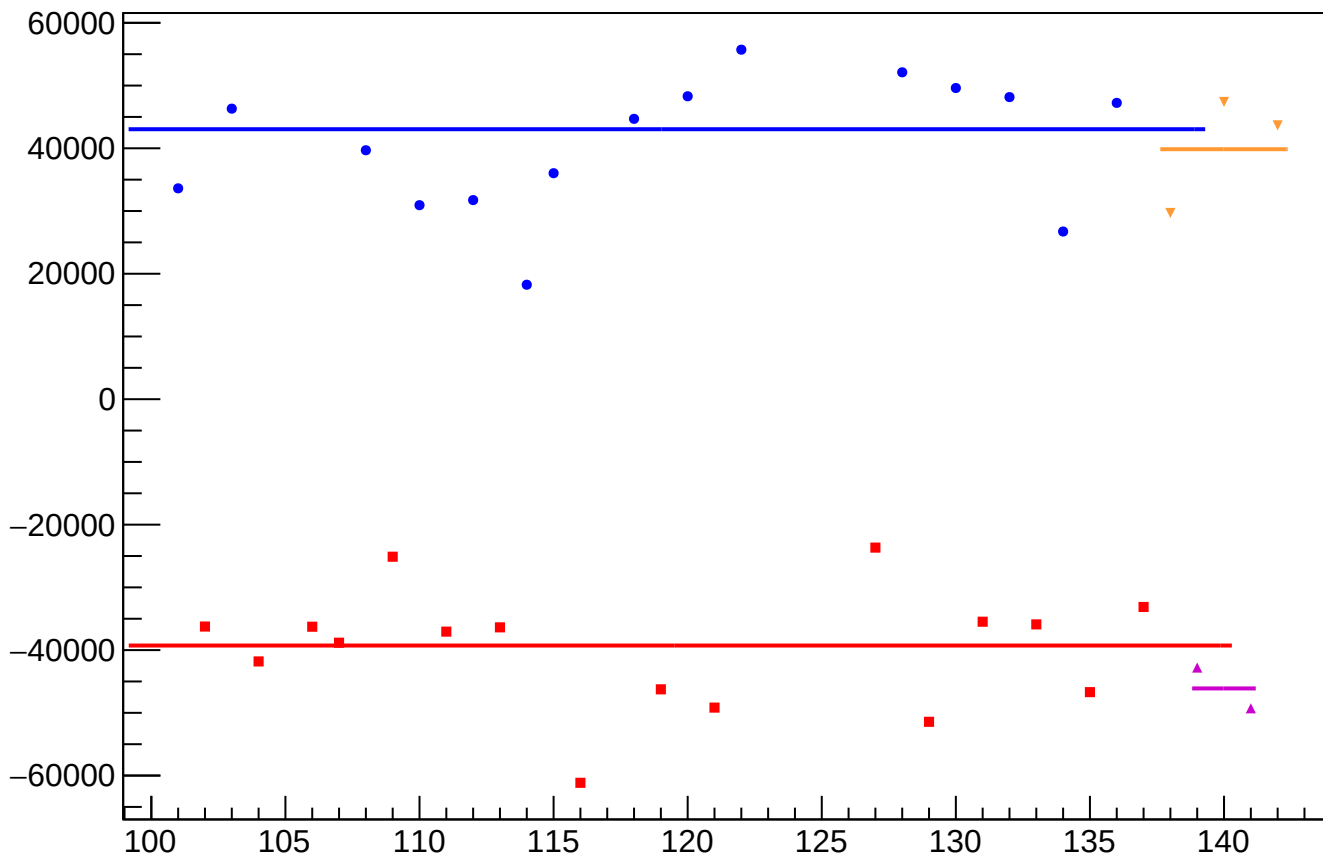
Left In: -766.621 +/- 0.000 χ^2/NDF : 672518209714790635221781428897316864.0/1

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



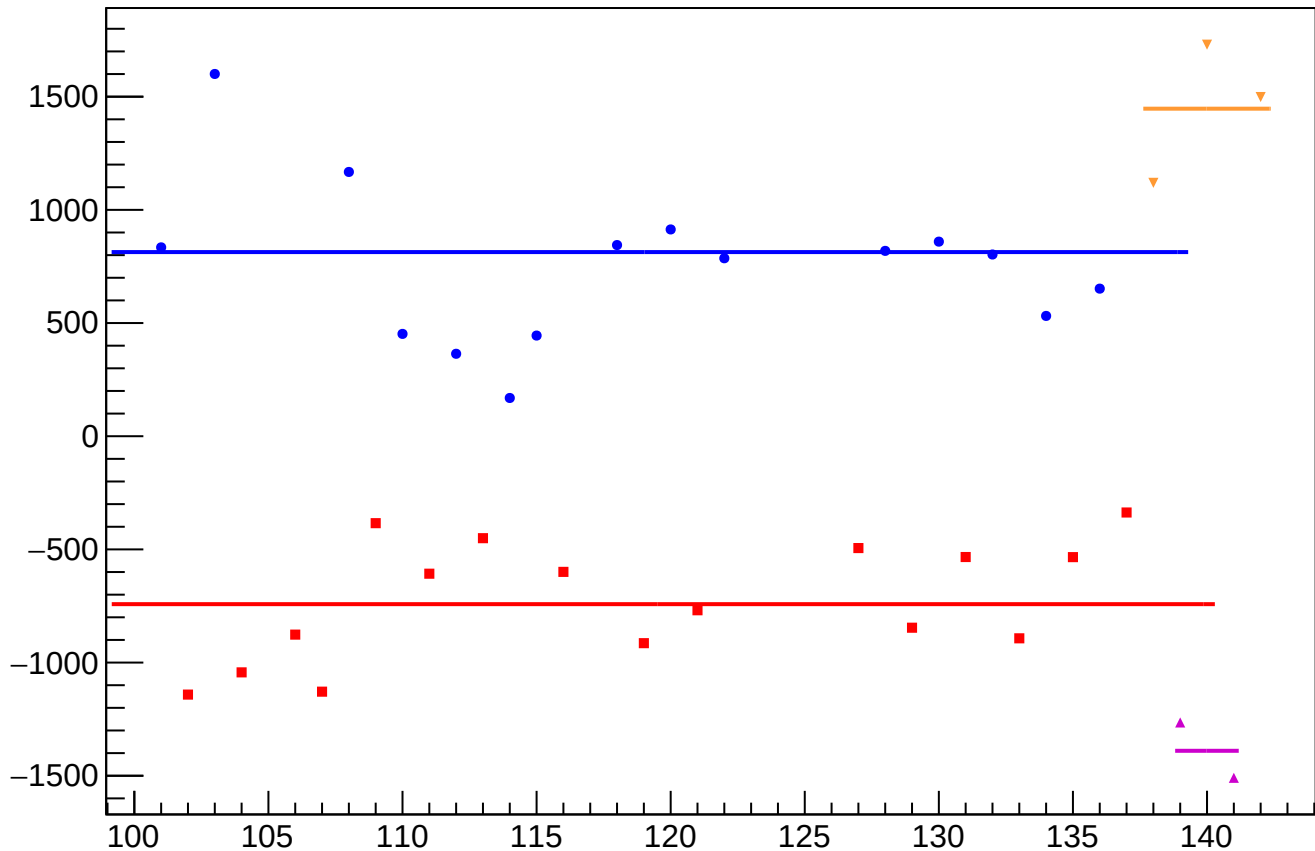
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 43039.927+/-0.000 χ^2/NDF : 48397052922561722652666786407552179503104.0/14
 Left Out: 39854.629+/-0.000 χ^2/NDF : 13383924465576271717727099325488545398784.0/2
 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



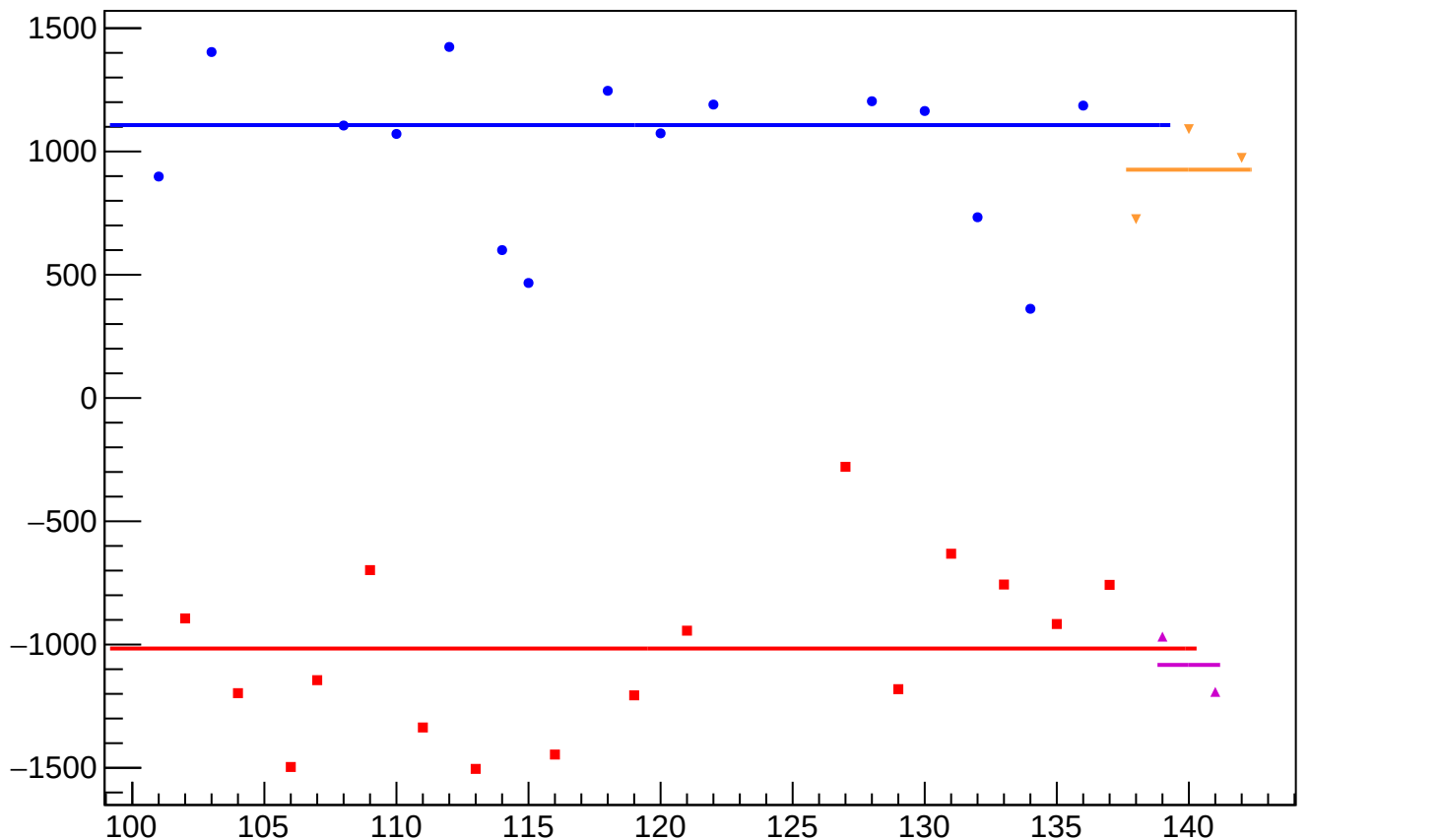
Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 1447.021 $\pm$ 0.000 χ^2 /NDF: 15050294422174540307890681767832584192.0/2

Right Out: -741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

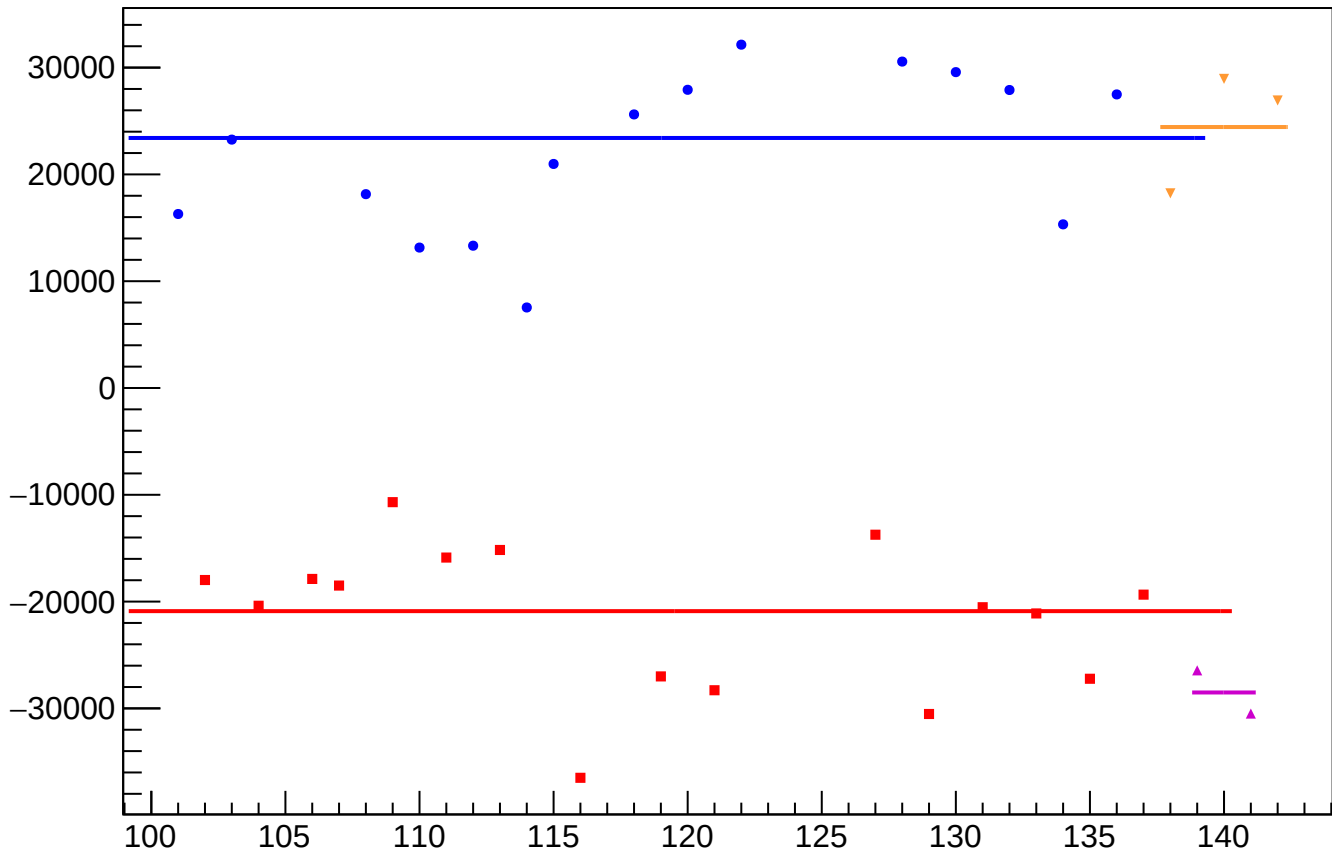
Left In: -1389.763 $\pm$ 0.000 χ^2 /NDF: 2478574938392785508449021513839935488.0/1

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



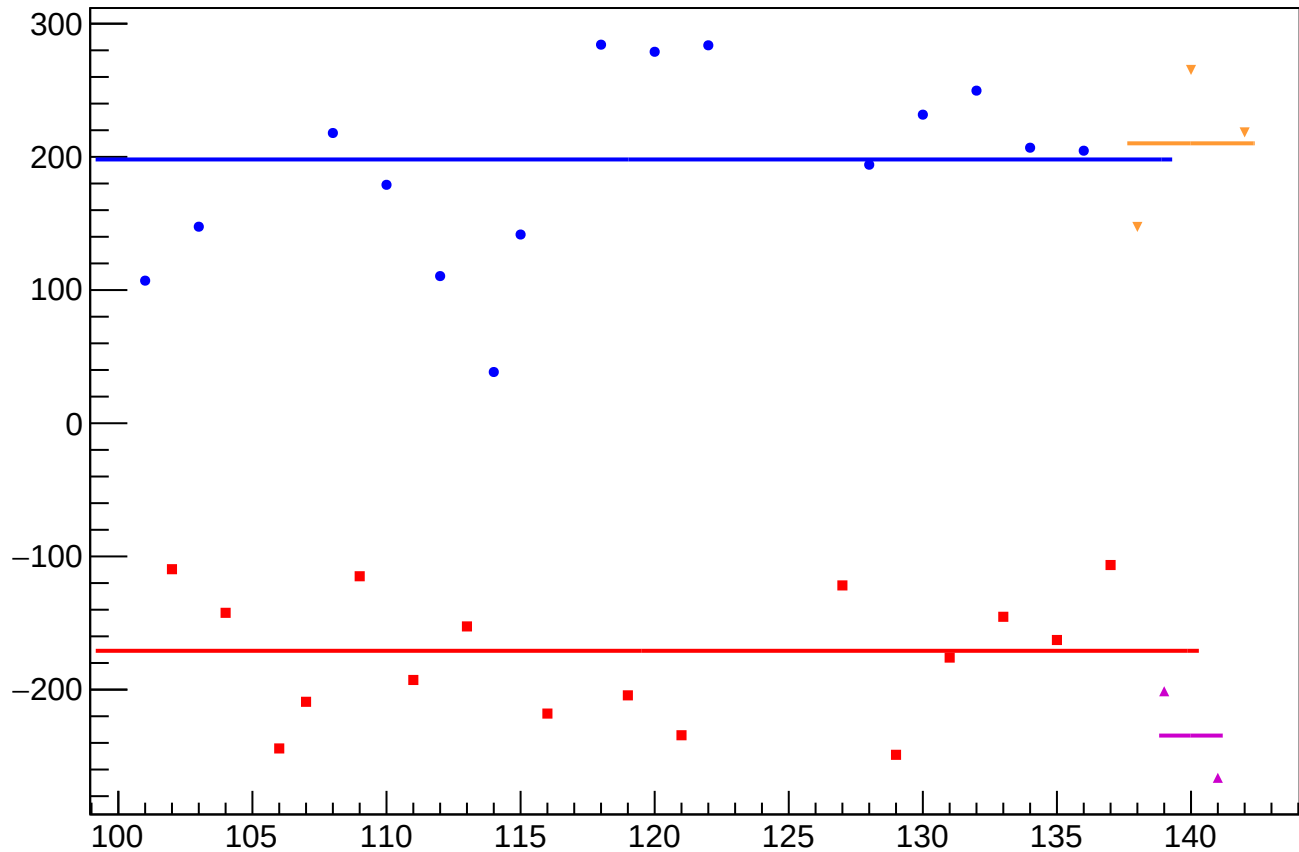
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 926.155 +/- 0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578 +/- 0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 23411.506 $\pm$ 0.000 χ^2 /NDF: 28427457471780319352885746571315708428288.0/14
 Left Out: 24435.249 $\pm$ 0.000 χ^2 /NDF: 4957966286371445964883381987548258631680.0/2
 Right Out: -20894.122 $\pm$ 0.000 χ^2 /NDF: 27408965804578649107002909409987218374656.0/15
 Left In: -28510.366 $\pm$ 0.000 χ^2 /NDF: 679371105075432700525280170591156961280.0/1

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



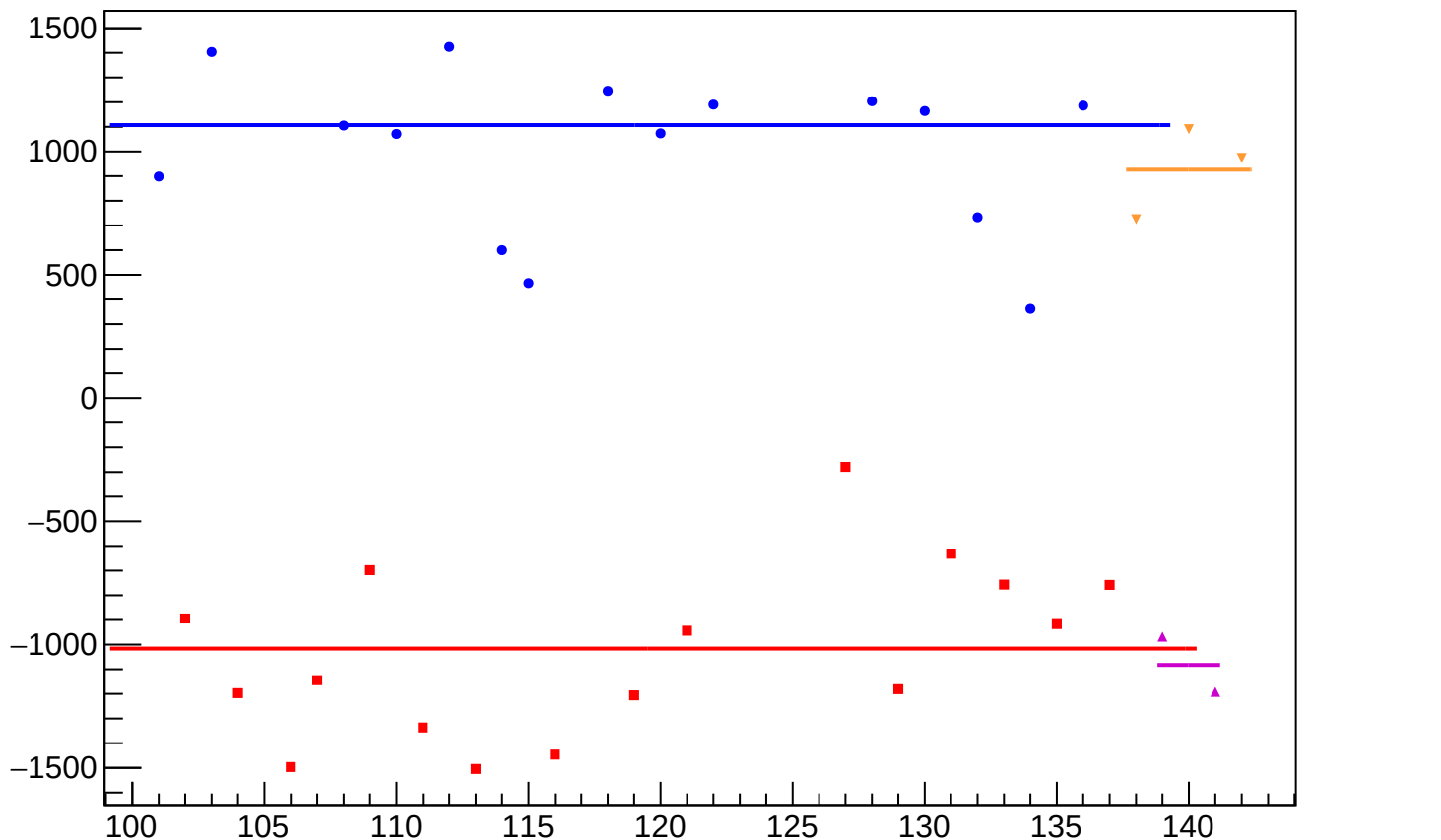
Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14

Left Out: 210.166+/-0.000 χ^2/NDF : 559377961775462518877855100002369536.0/2

Right Out: -170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15

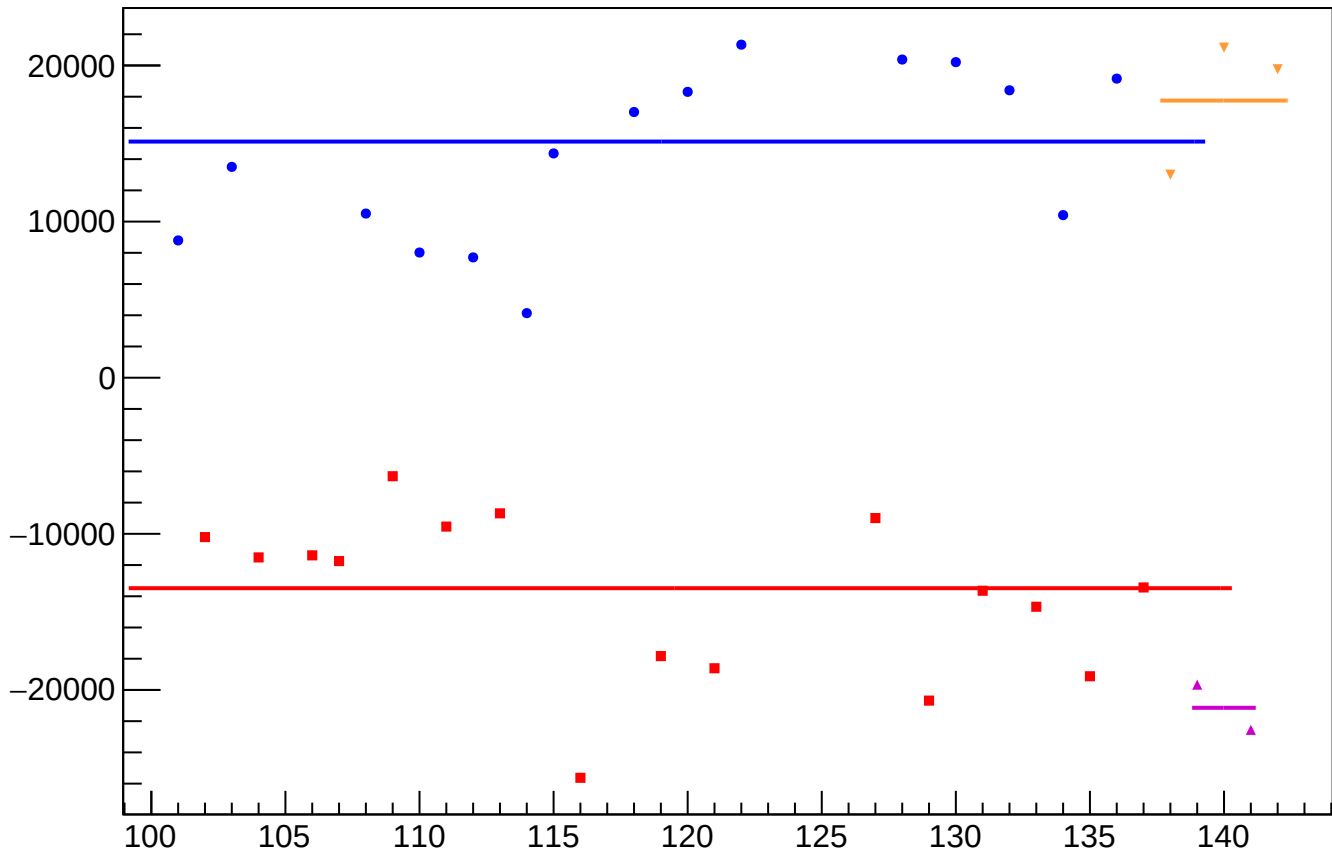
Left In: -234.500+/-0.000 χ^2/NDF : 175099937749256126585501053001662464.0/1

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



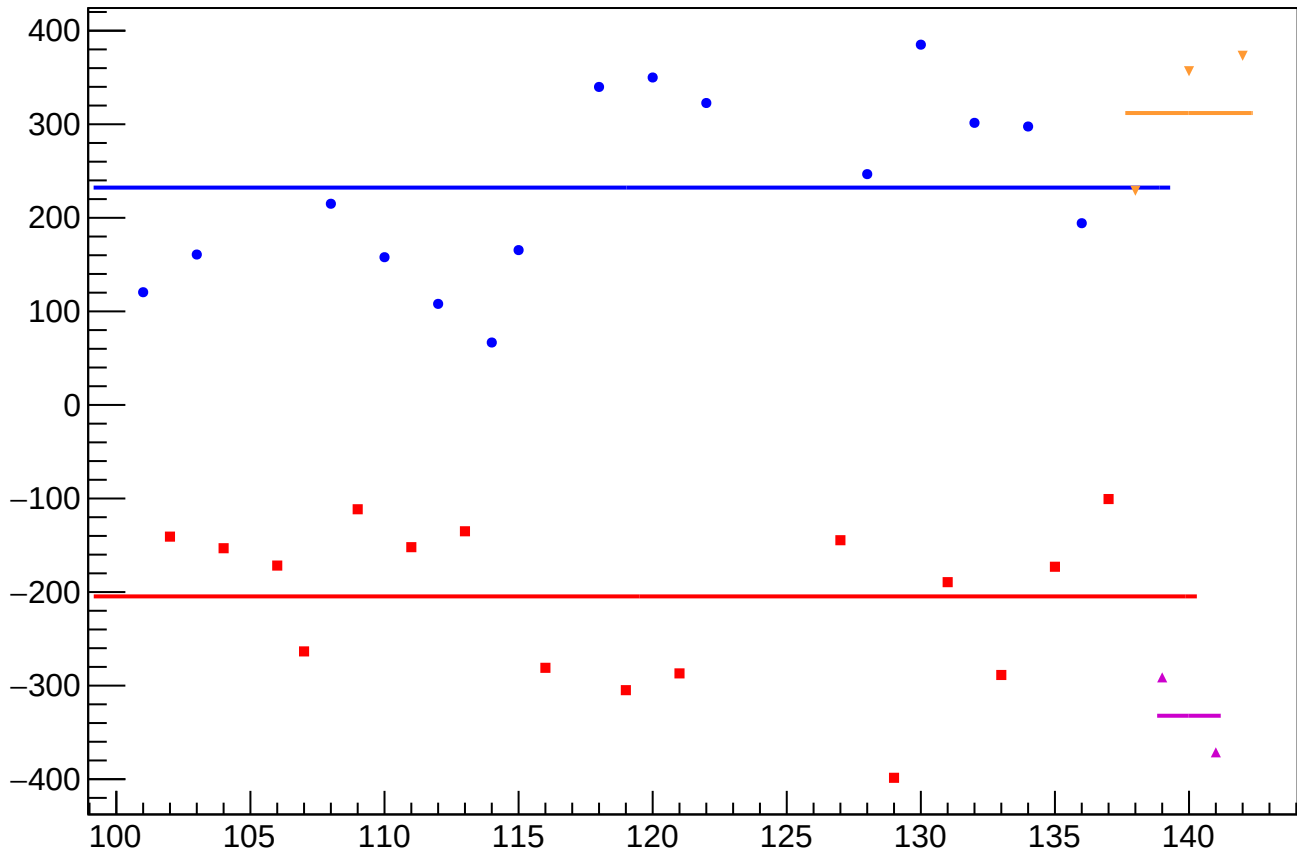
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 926.155 $\pm$ 0.000 χ^2 /NDF: 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: -1082.578 $\pm$ 0.000 χ^2 /NDF: 2083443553823124896501893118400921600.0/1

dit_sam6_coil4_mean vs Slug, Sign Corrected



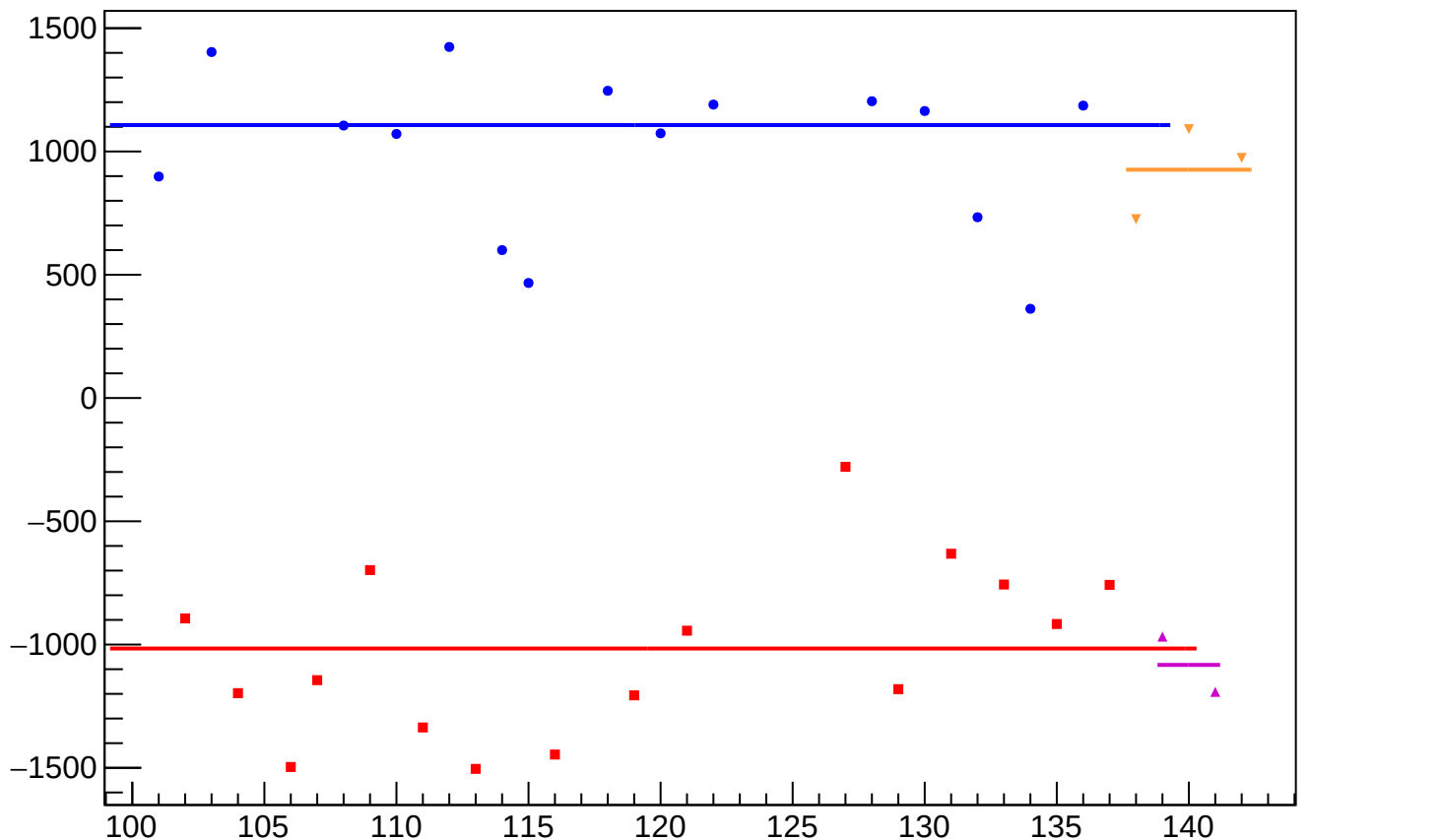
Right In: 15125.834 +/- 0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 17752.224 +/- 0.000 χ^2/NDF : 2882896272541246502887163302153337962496.0/2
 Right Out: -13482.244 +/- 0.000 χ^2/NDF : 15910426475407825250252248749810022088704.0/15
 Left In: -21142.586 +/- 0.000 χ^2/NDF : 347546448884359862104296484678269927424.0/1

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



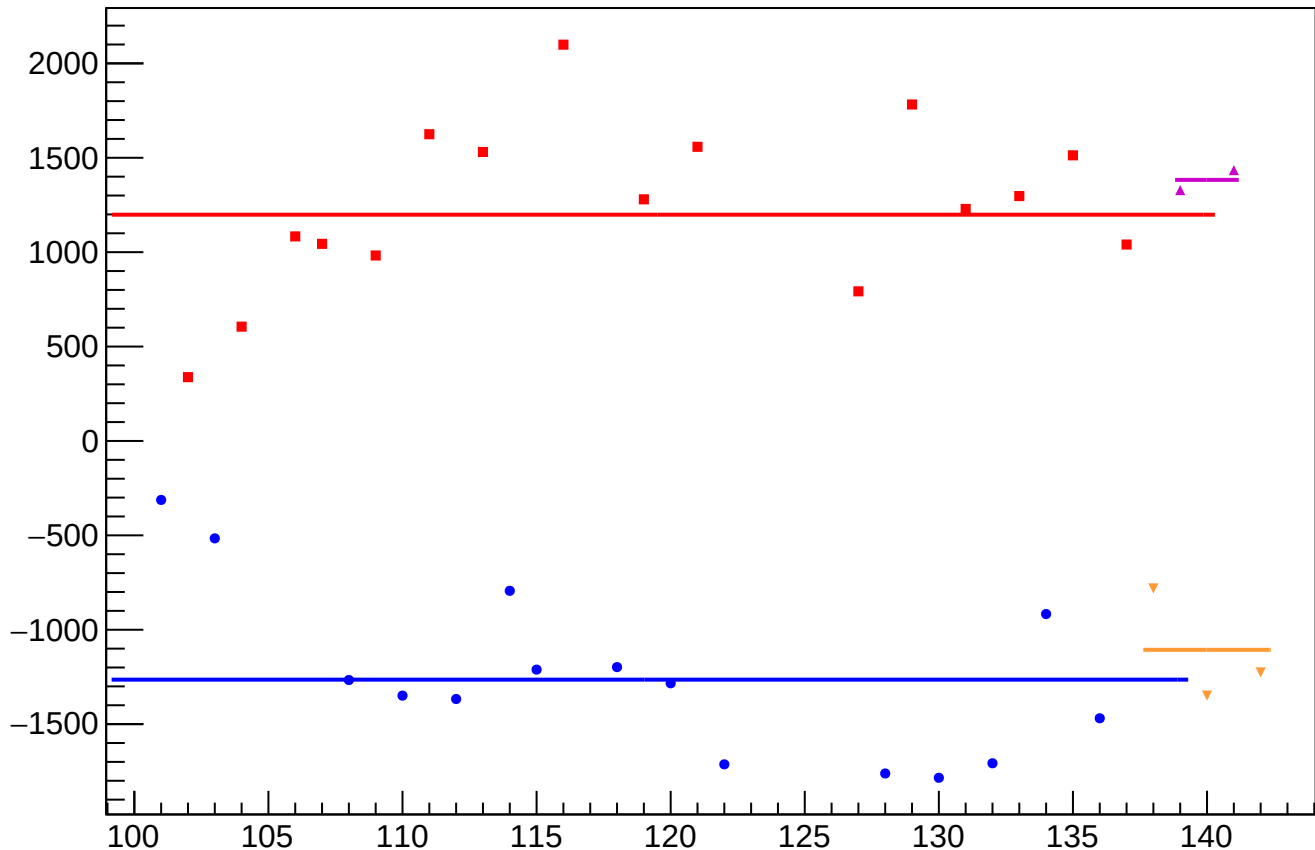
Right In: 232.312 $\pm$ 0.000 χ^2 /NDF: 5478184144885833956204804001180418048.0/14
 Left Out: 312.010 $\pm$ 0.000 χ^2 /NDF: 874142347502209001601219717977079808.0/2
 Right Out: -204.637 $\pm$ 0.000 χ^2 /NDF: 4555067046835230017930882867882098688.0/15
 Left In: -332.200 $\pm$ 0.000 χ^2 /NDF: 266184237213814558351393348575559680.0/1

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



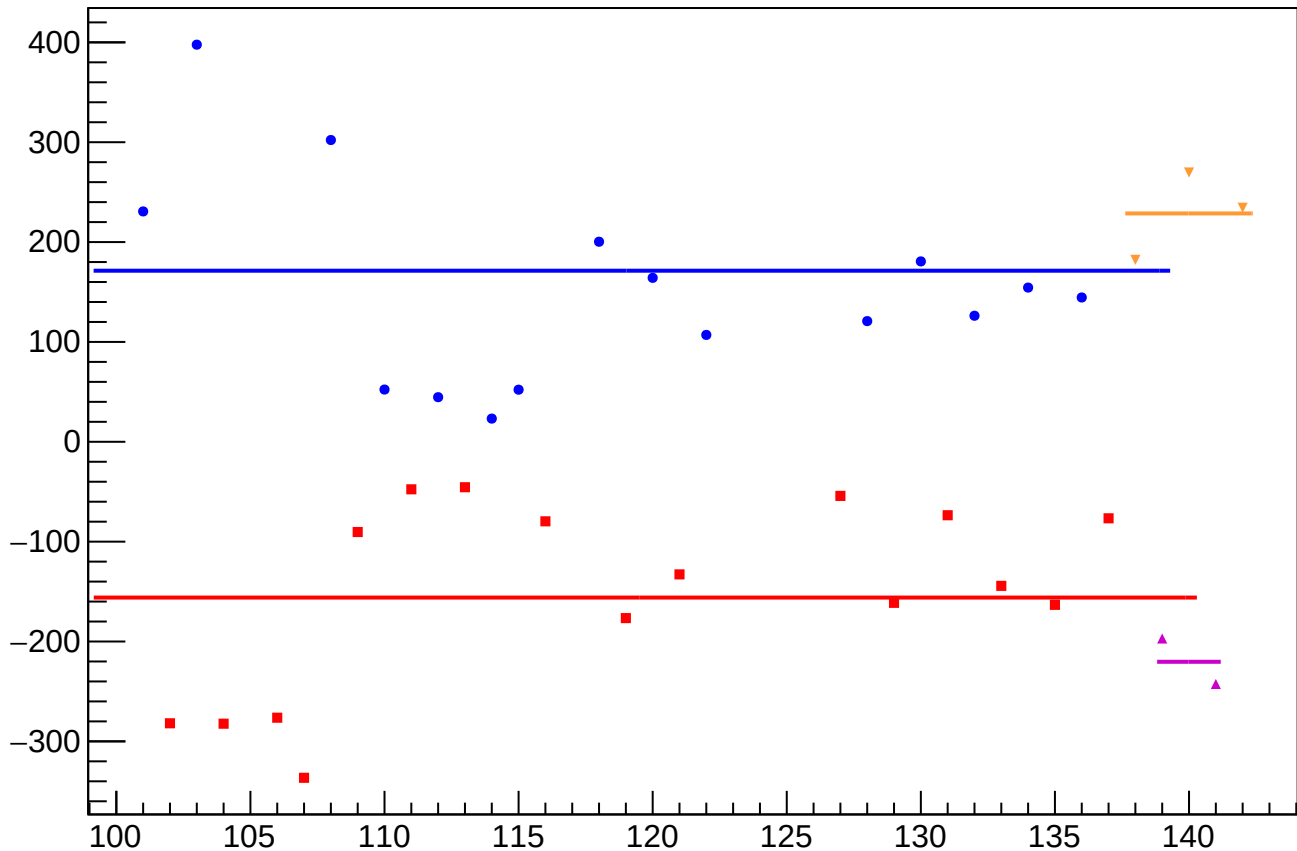
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: -1264.303 $\pm$ 0.000 χ^2 /NDF: 140215251538502657549173994543931981824.0/14
 Left Out: -1106.360 $\pm$ 0.000 χ^2 /NDF: 13732675917428897671771963026097307648.0/2
 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



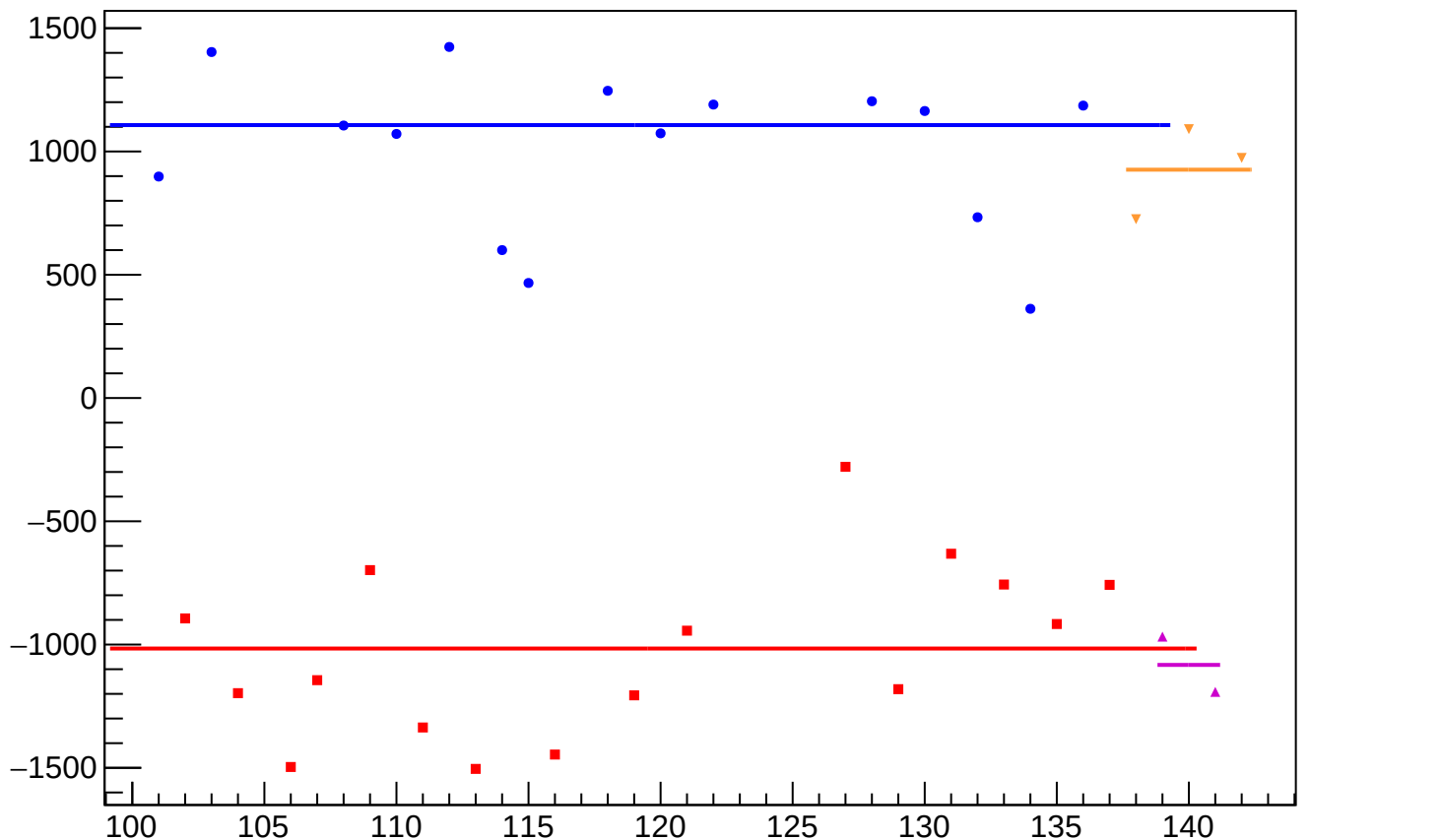
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14

Left Out: 228.679+/-0.000 χ^2/NDF : 307655055013030859936671200341655552.0/2

Right Out: -155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15

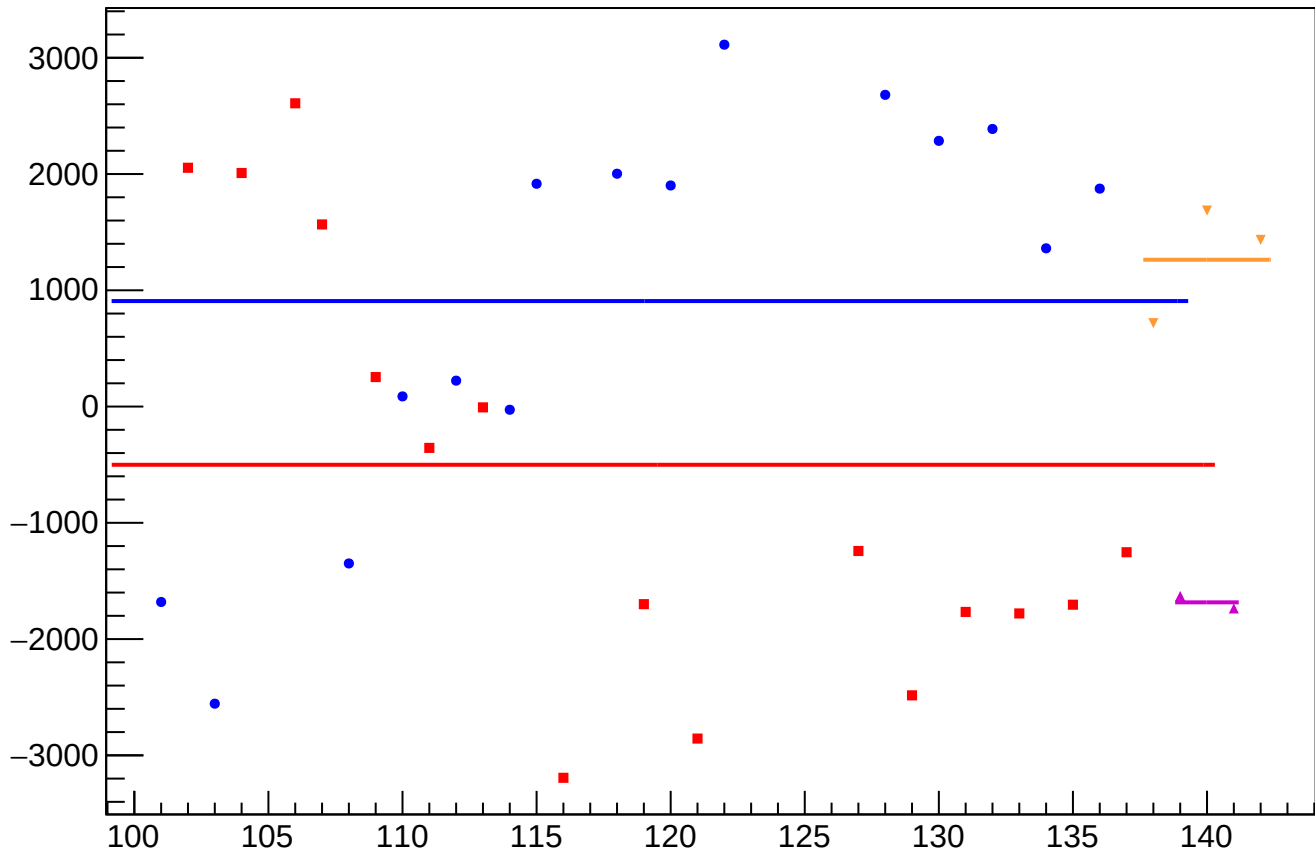
Left In: -220.309+/-0.000 χ^2/NDF : 86036493214917393706997183141642240.0/1

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



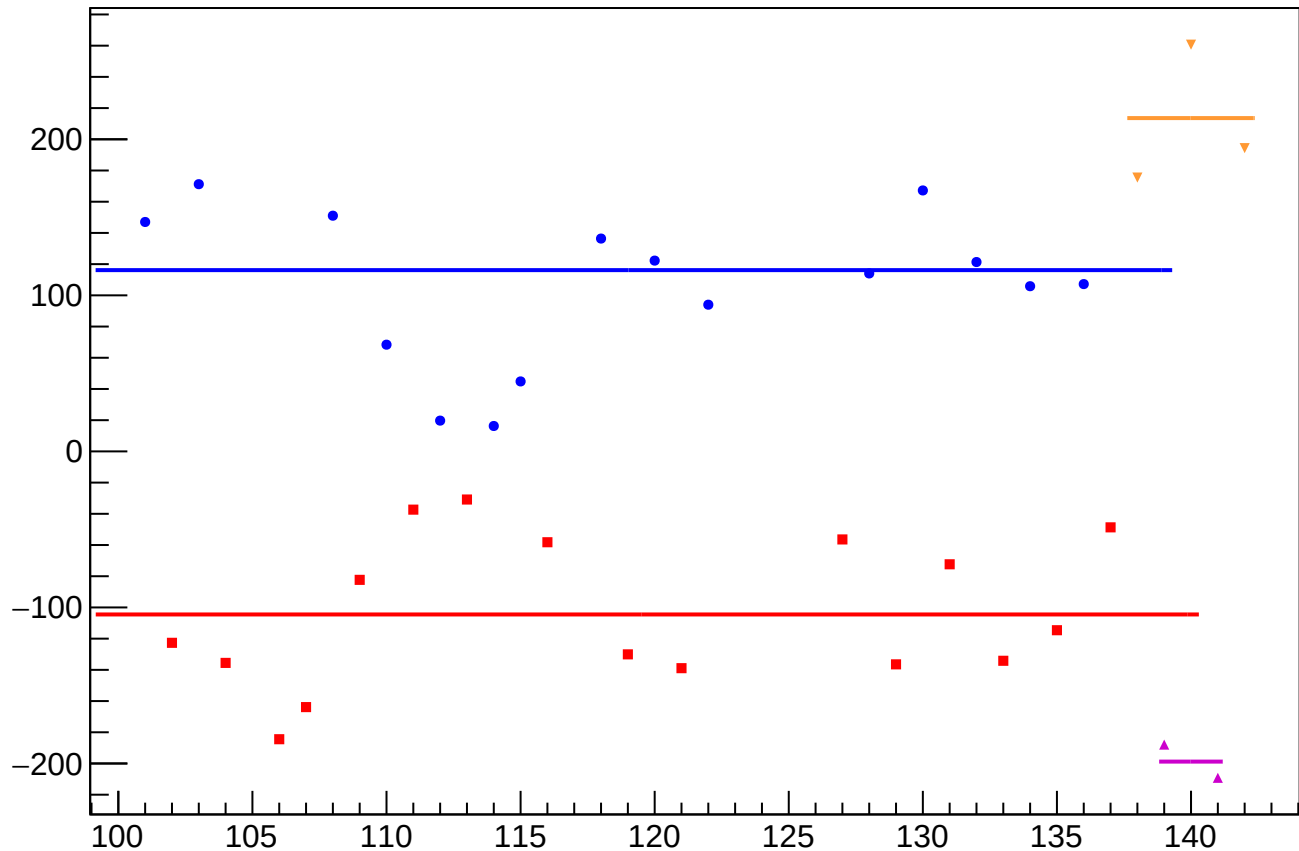
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_sam8_coil4_mean vs Slug, Sign Corrected



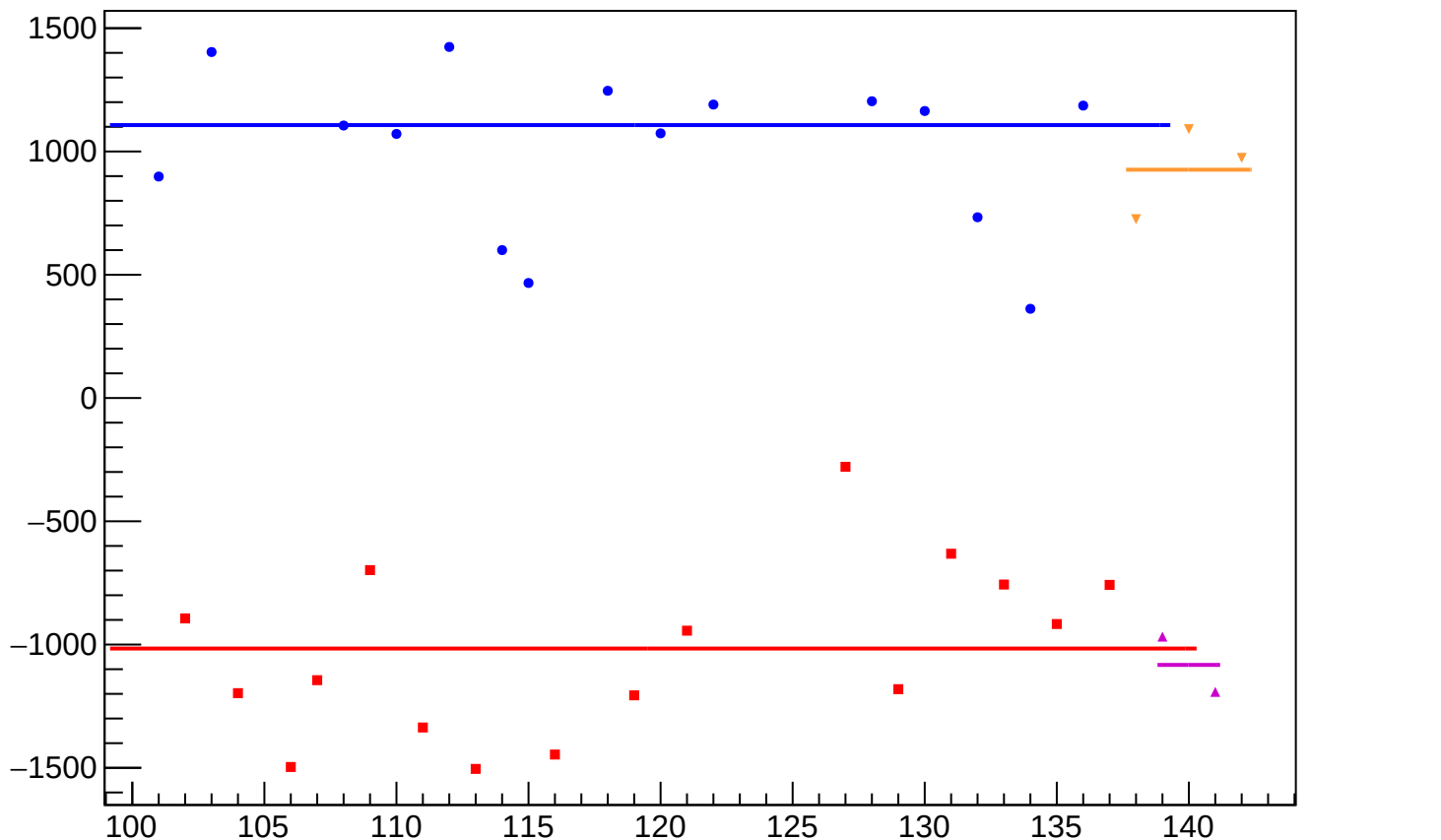
Right In: 907.442+/-0.000 χ^2/NDF : 2107238007691848638499662178406566461440.0/14
 Left Out: 1262.850+/-0.000 χ^2/NDF : 39229046119701079668195190442263838720.0/2
 Right Out: -500.689+/-0.000 χ^2/NDF : 2074232918749953174436803426379074895872.0/15
 Left In: -1684.114+/-0.000 χ^2/NDF : 474286723011379184902712783693414400.0/1

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



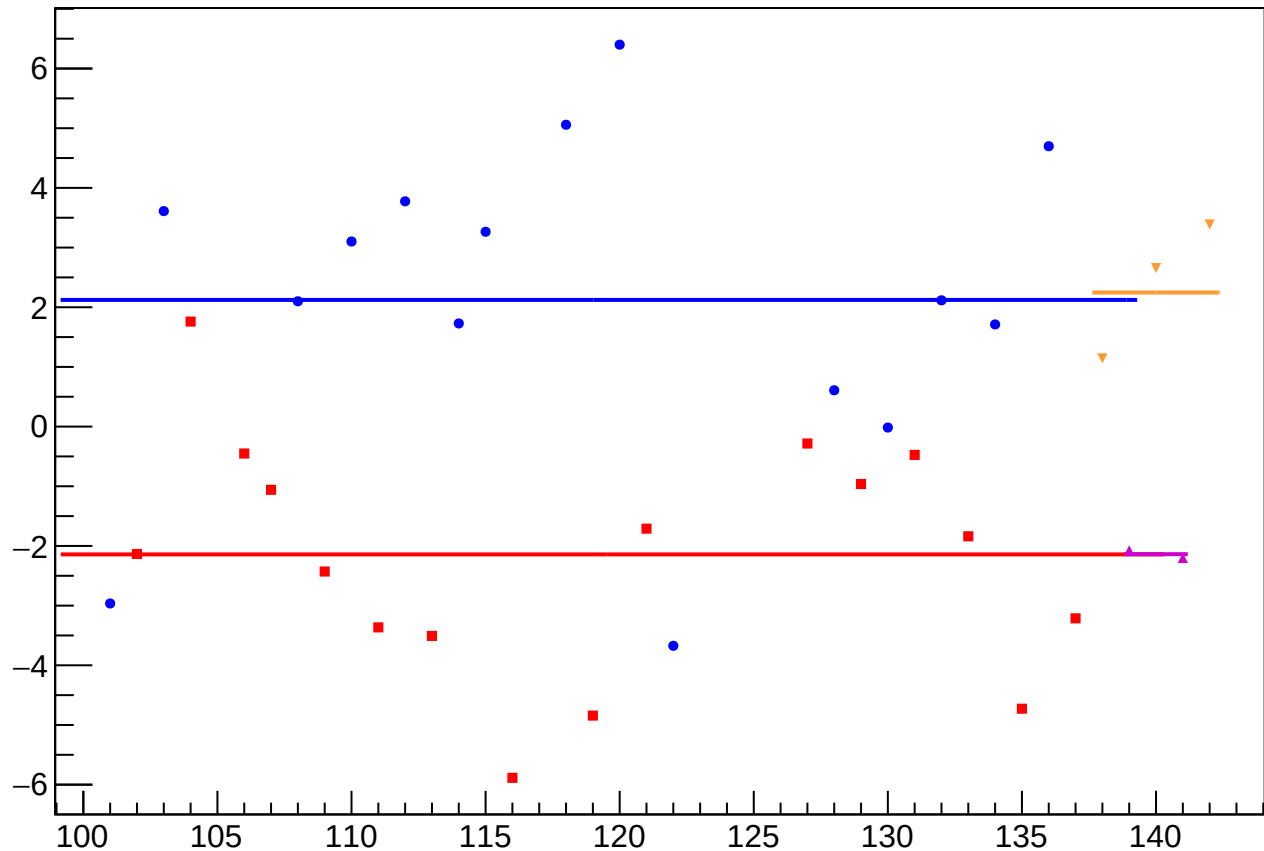
Right In: 116.159+/-0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 213.588+/-0.000 χ^2/NDF : 311863498716047922258064956387753984.0/2
 Right Out: -104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: -198.791+/-0.000 χ^2/NDF : 18774489874700693202083703714480128.0/1

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



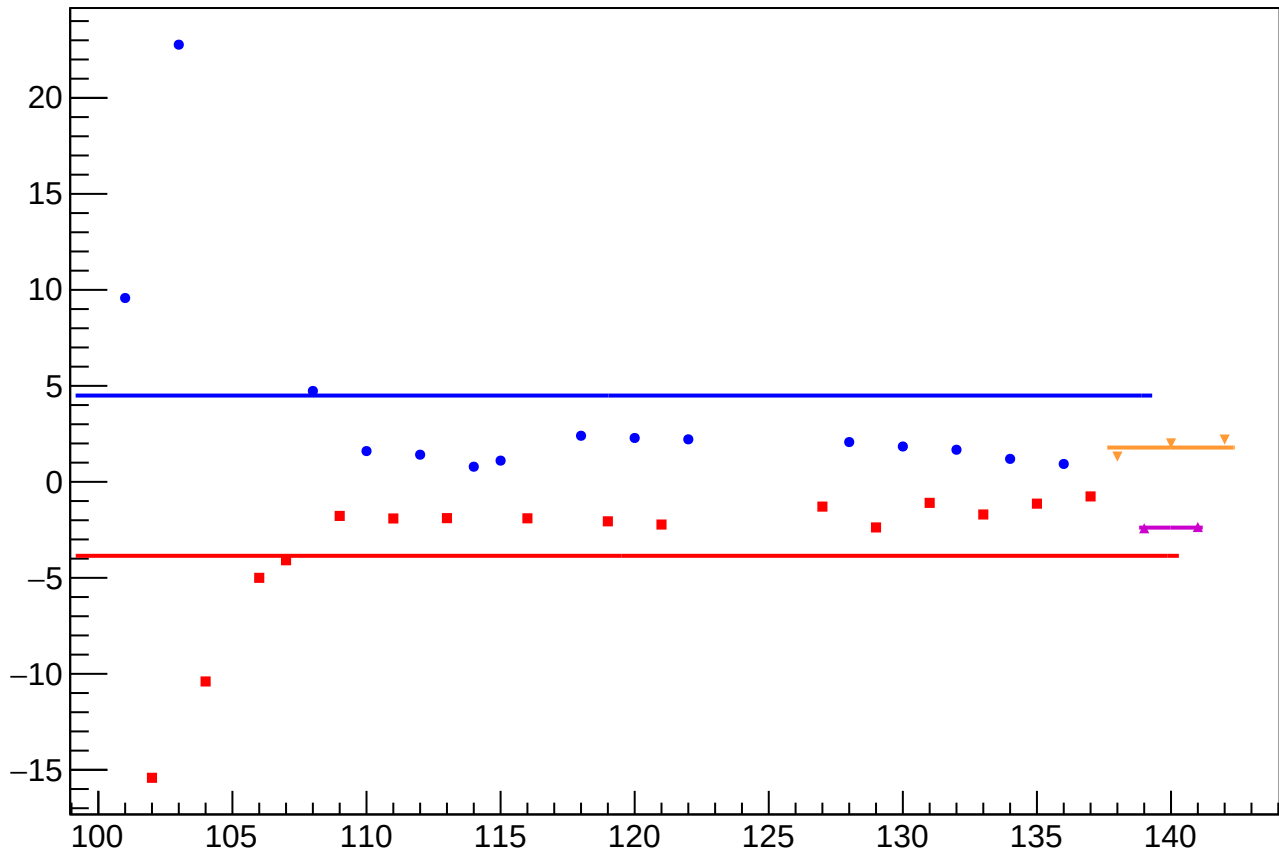
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 926.155+/-0.000 χ^2/NDF : 5465331386958525681971732833592410112.0/2
 Right Out: -1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: -1082.578+/-0.000 χ^2/NDF : 2083443553823124896501893118400921600.0/1

dit_4aX_coil6_mean vs Slug, Sign Corrected



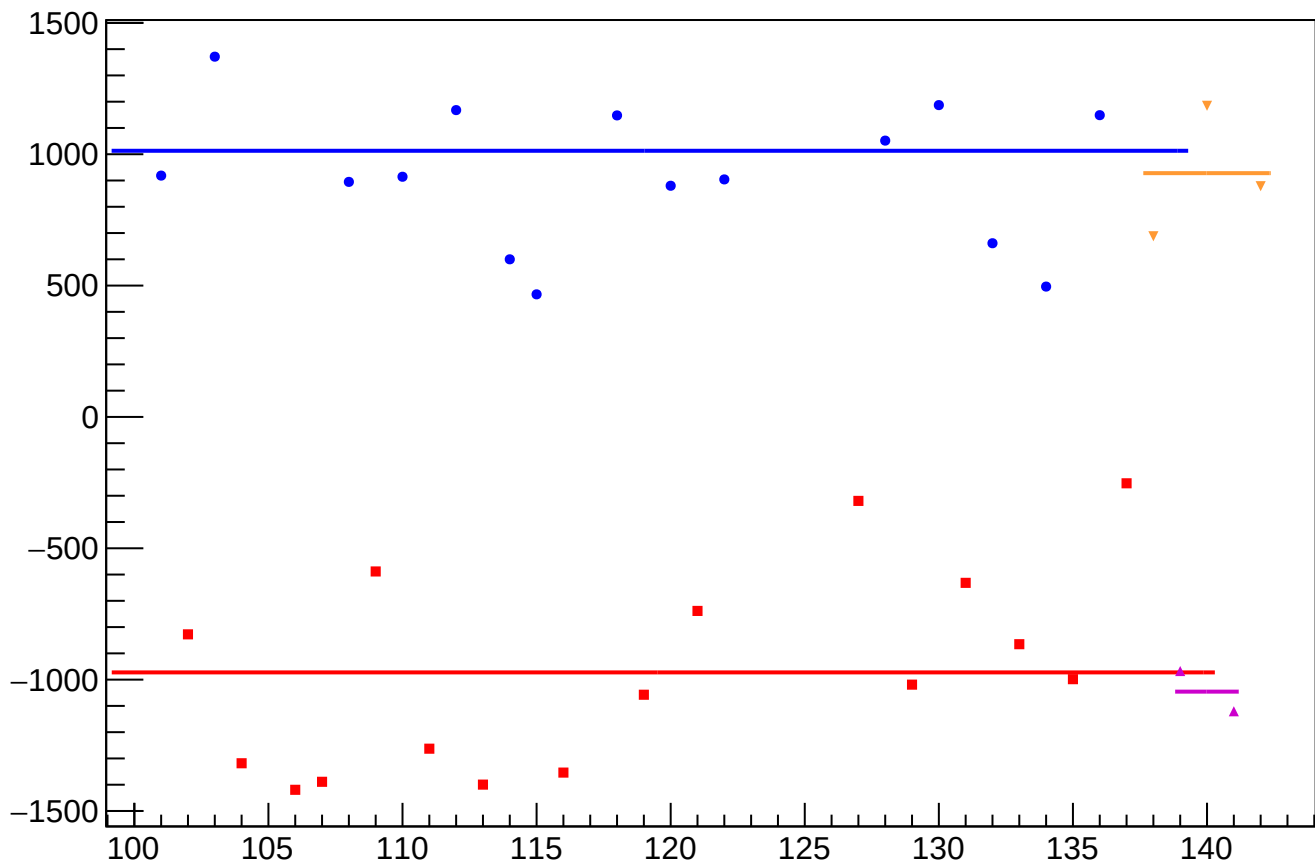
Right In: 2.123+/-0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14
 Left Out: 2.247+/-0.000 χ^2/NDF : 168539803426206084126745745686528.0/2
 Right Out: -2.142+/-0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15
 Left In: -2.138+/-0.000 χ^2/NDF : 688190970526724497982246354944.0/1

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



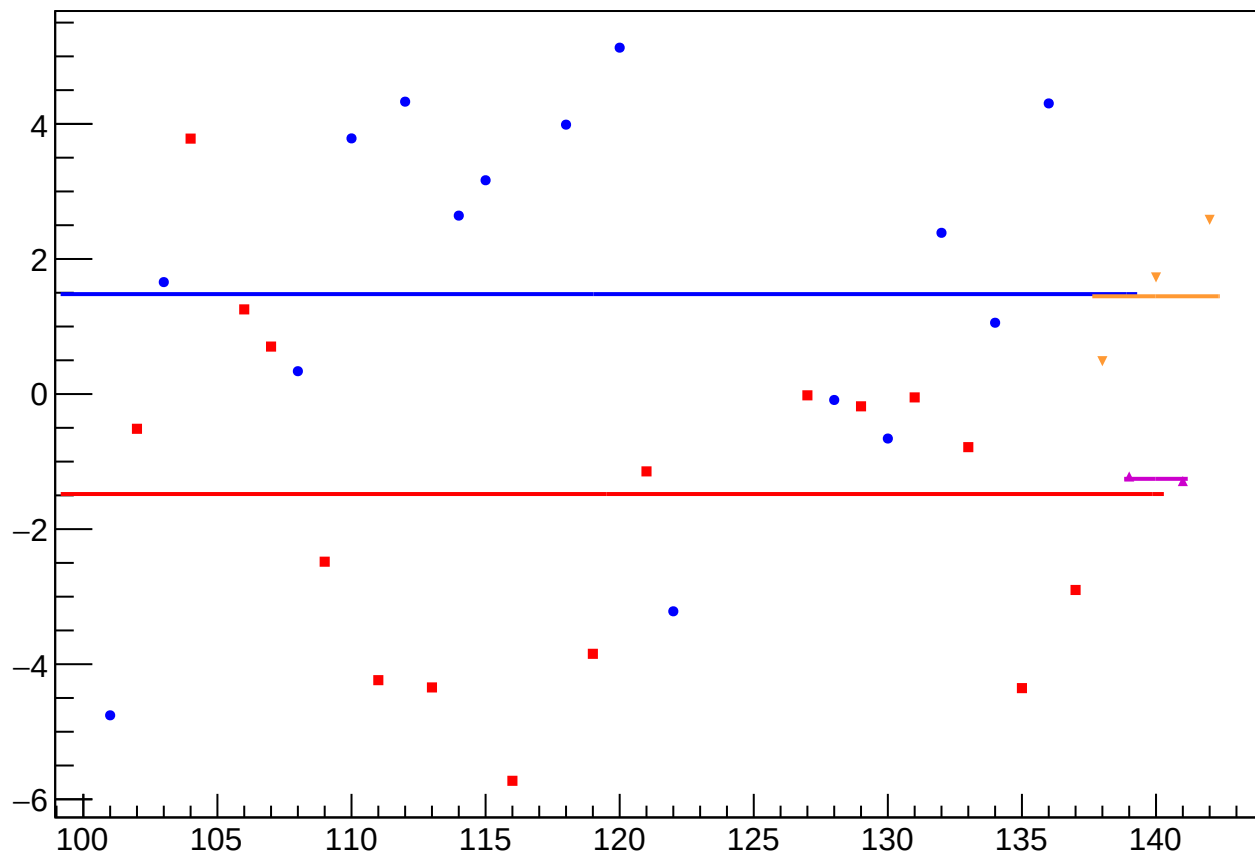
Right In: 4.495 +/- 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14
 Left Out: 1.787 +/- 0.000 χ^2/NDF : 29041734048324627443905527283712.0/2
 Right Out: -3.852 +/- 0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15
 Left In: -2.384 +/- 0.000 χ^2/NDF : 177999753093581773921809596416.0/1

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 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_4eX_coil6_mean vs Slug, Sign Corrected



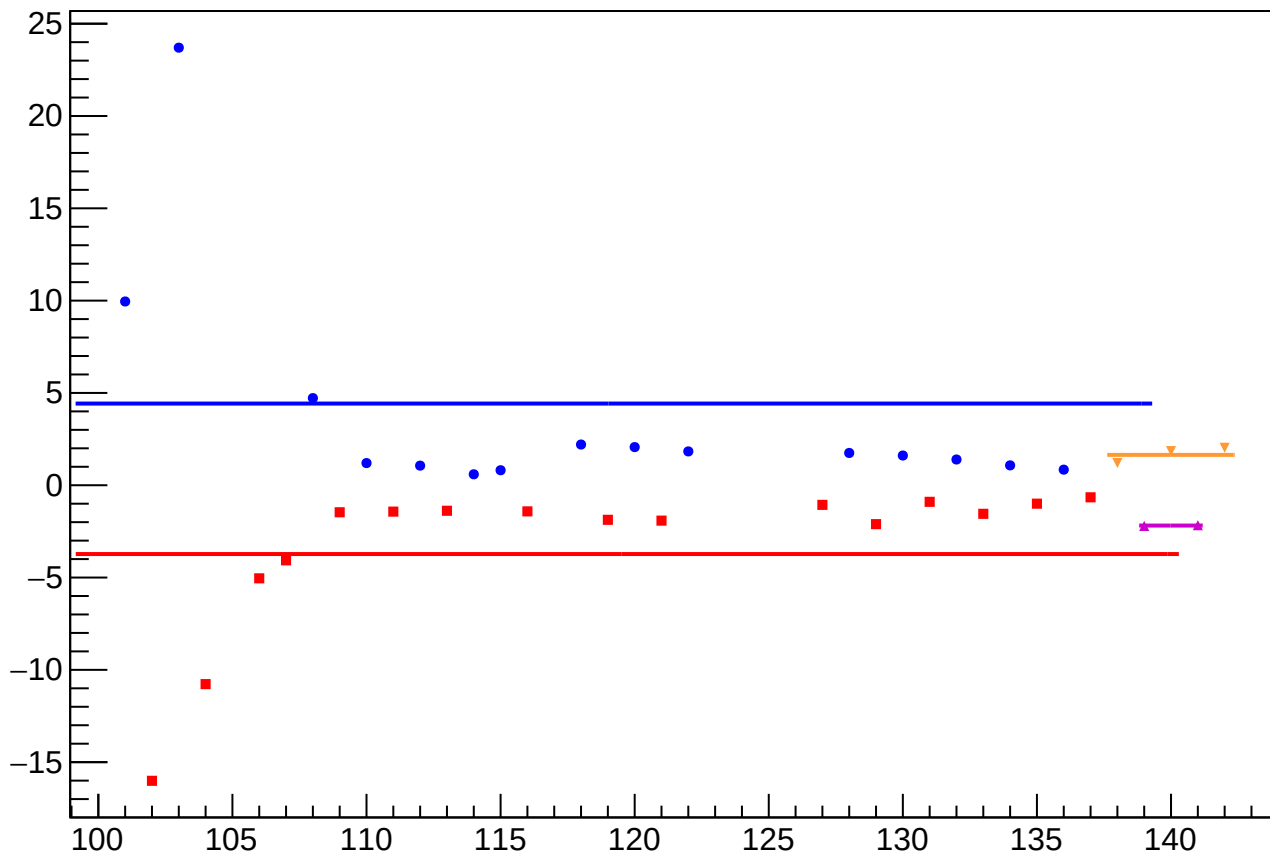
Right In: 1.480 $\pm$ 0.000 χ^2 /NDF: 5799670695902784459055767987683328.0/14

Left Out: 1.448 $\pm$ 0.000 χ^2 /NDF: 137395767654332862425278034477056.0/2

Right Out: -1.480 $\pm$ 0.000 χ^2 /NDF: 4092645800613765572662987820367872.0/15

Left In: -1.255 $\pm$ 0.000 χ^2 /NDF: 190512210038681042511651143680.0/1

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



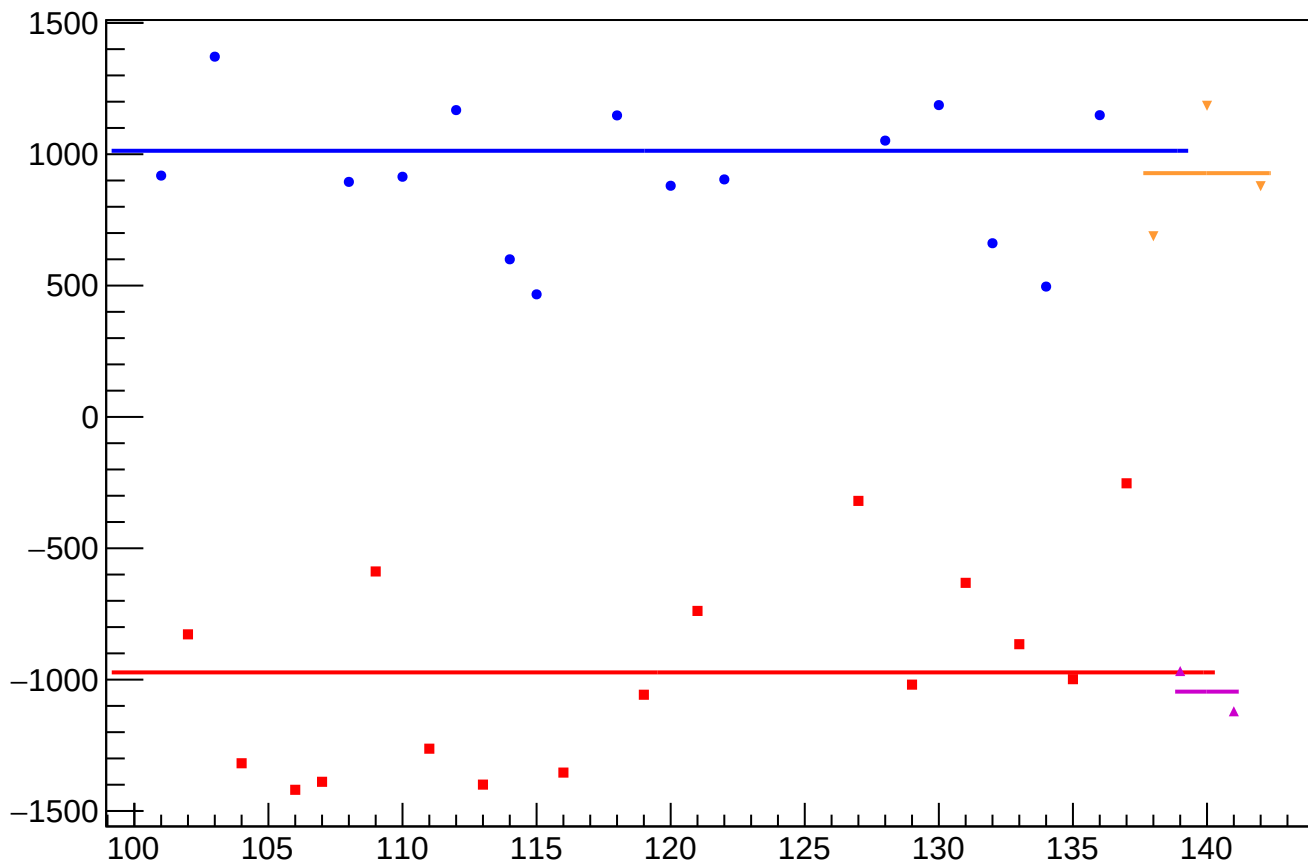
Right In: 4.424+/-0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14

Left Out: 1.645+/-0.000 χ^2/NDF : 25428113415576921585818414350336.0/2

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



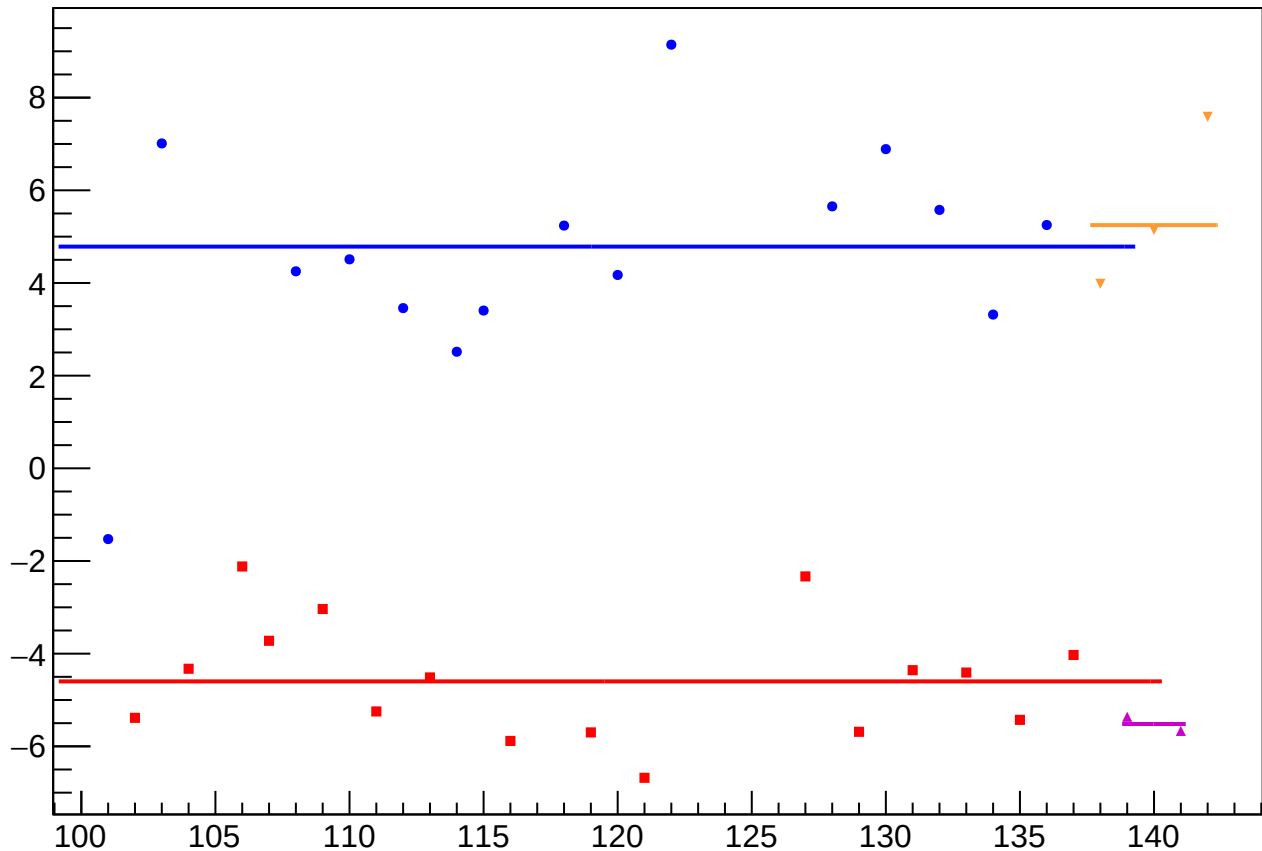
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 927.985 ± 0.000 χ^2/NDF : 10009056230898065180844395181394362368.0/2

Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

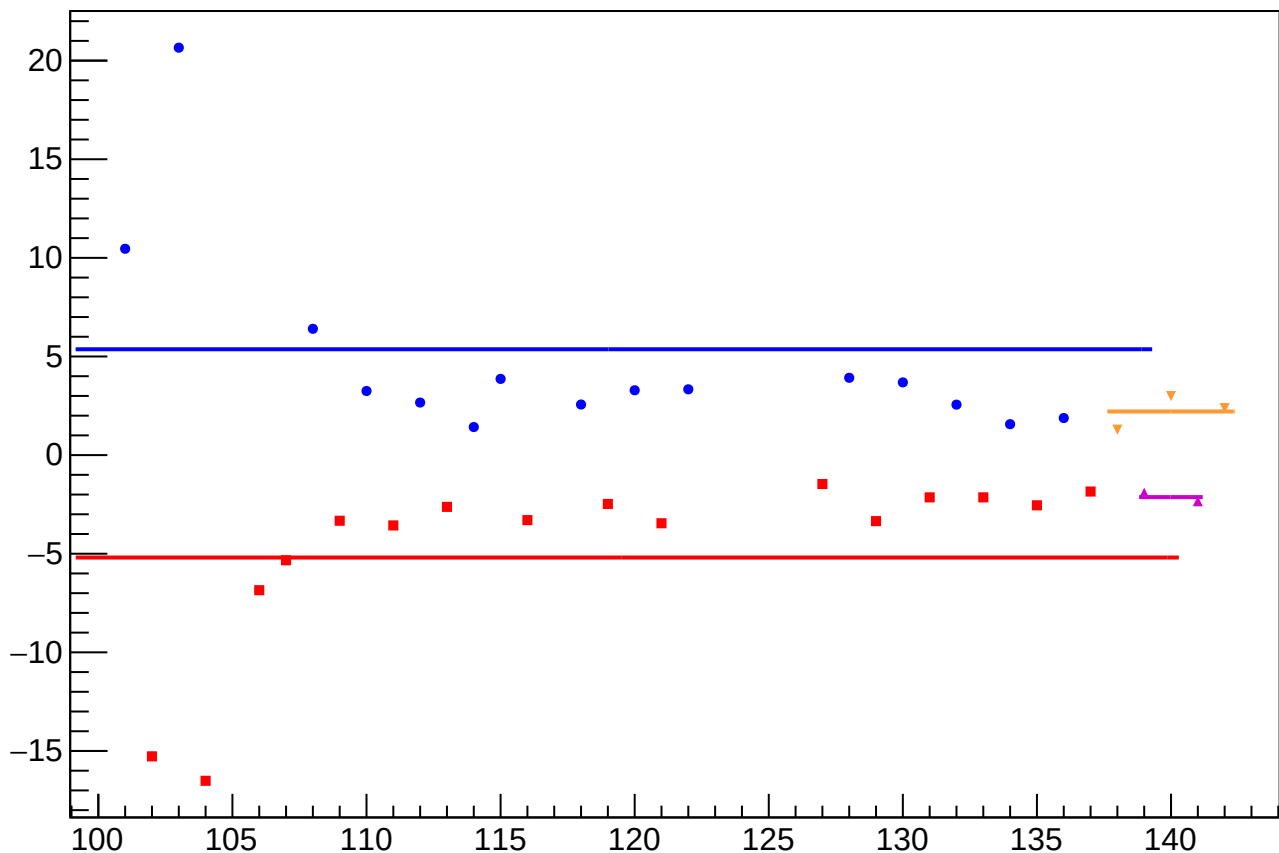
Left In: -1045.687 ± 0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_11X12X_coil6_mean vs Slug, Sign Corrected



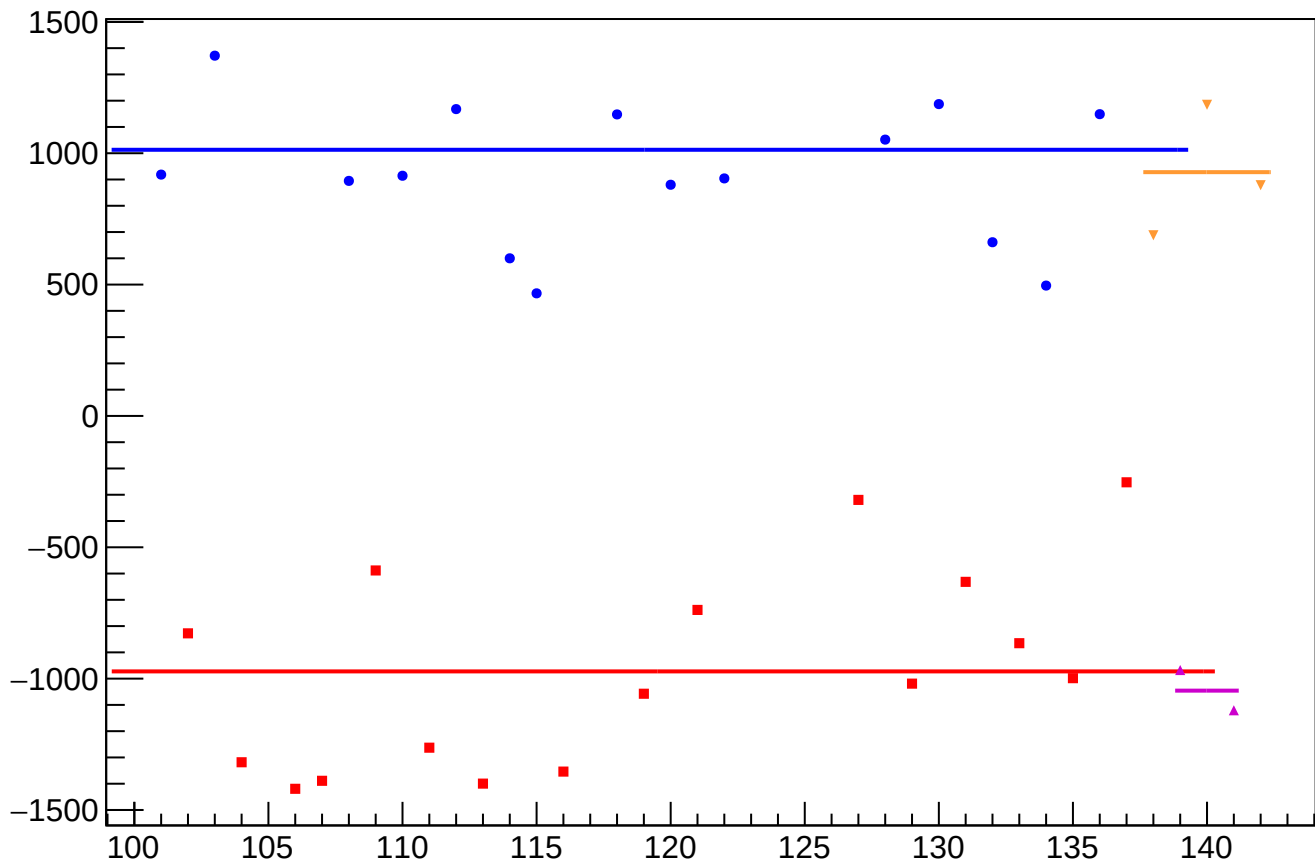
Right In: 4.785 +/- 0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14
 Left Out: 5.249 +/- 0.000 χ^2/NDF : 377520662266321085446295377674240.0/2
 Right Out: -4.598 +/- 0.000 χ^2/NDF : 989607156792948633247632779640832.0/15
 Left In: -5.518 +/- 0.000 χ^2/NDF : 3870615159417457836496208789504.0/1

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



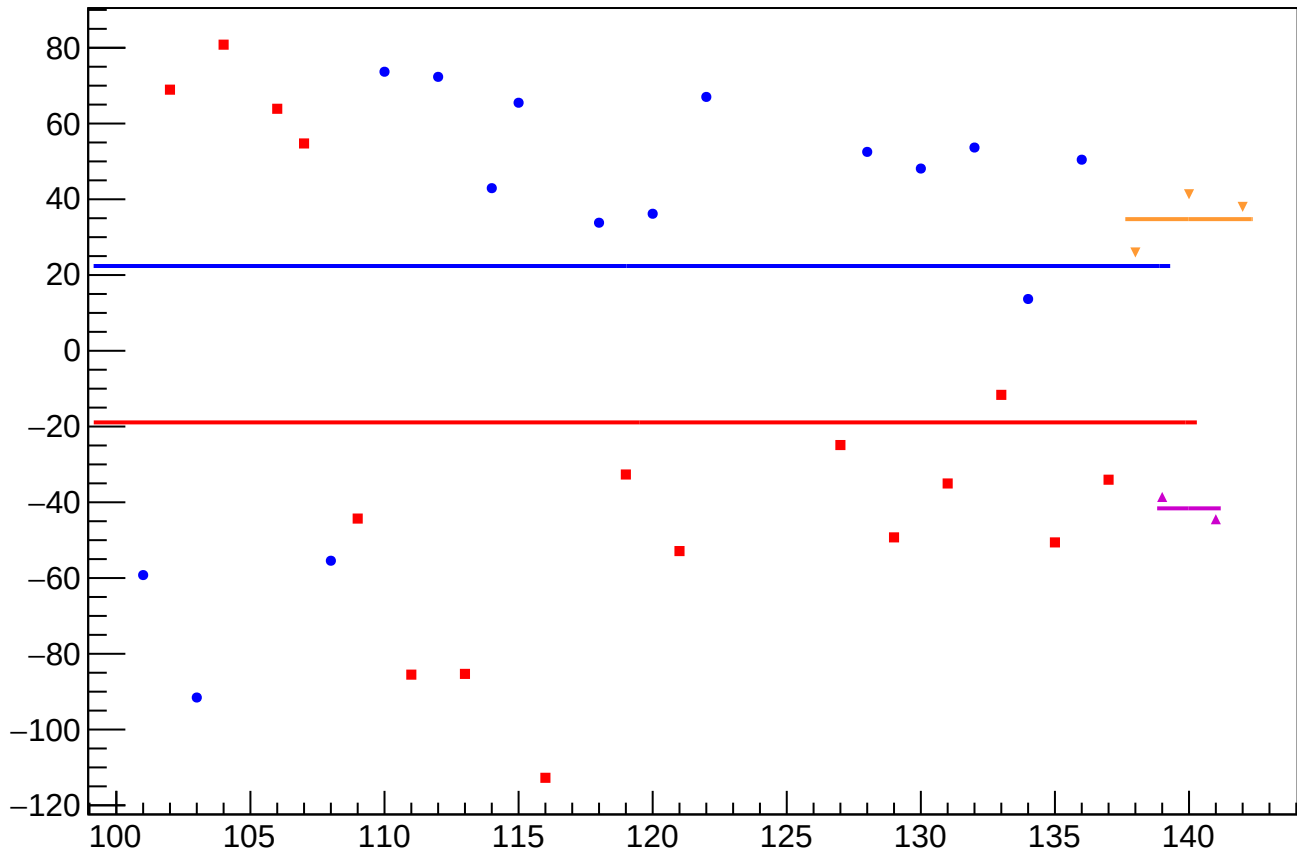
Right In: 5.366 +/- 0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14
 Left Out: 2.212 +/- 0.000 χ^2/NDF : 118204587452985652588744070397952.0/2
 Right Out: -5.192 +/- 0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15
 Left In: -2.129 +/- 0.000 χ^2/NDF : 7696078065675706939430198575104.0/1

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 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_4aY_coil6_mean vs Slug, Sign Corrected



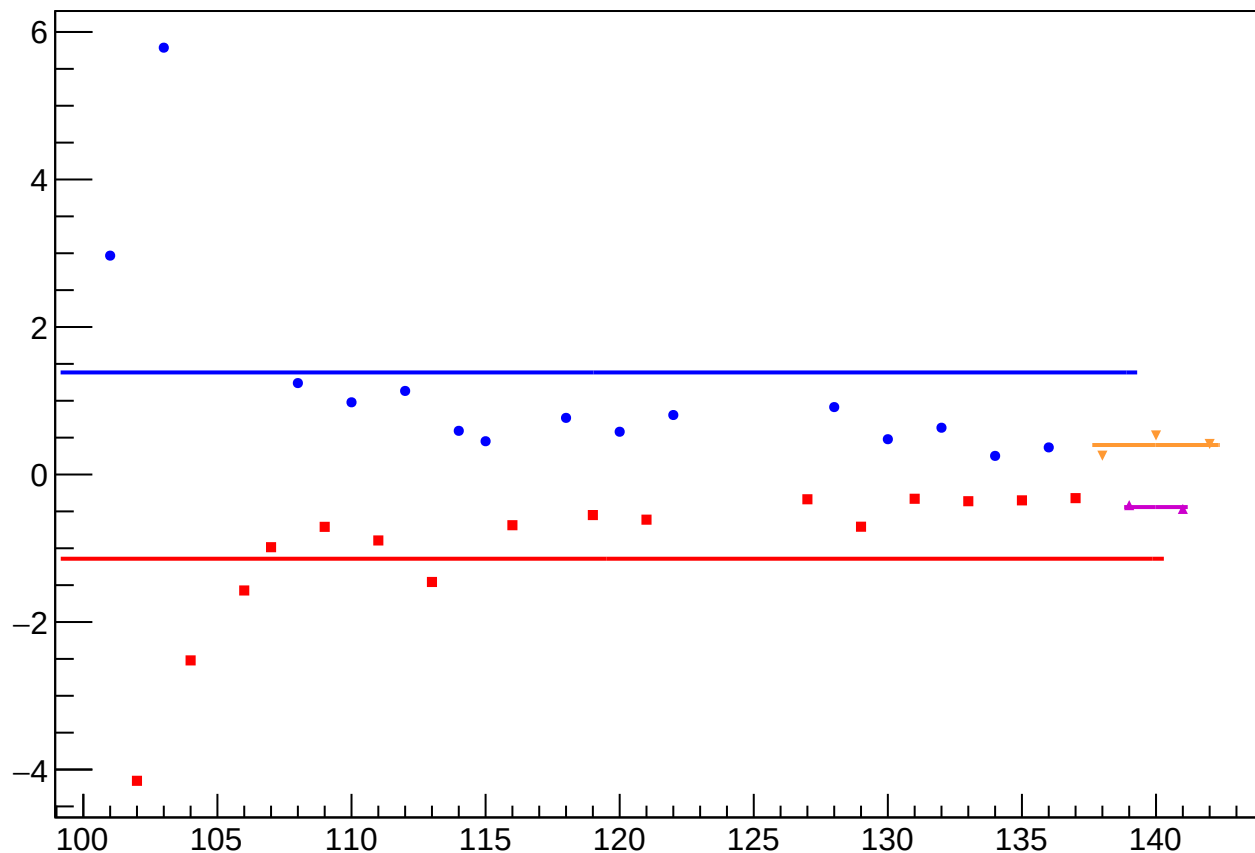
Right In: 22.385 +/- 0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 34.762 +/- 0.000 χ^2/NDF : 10060696831981892652829012907786240.0/2

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



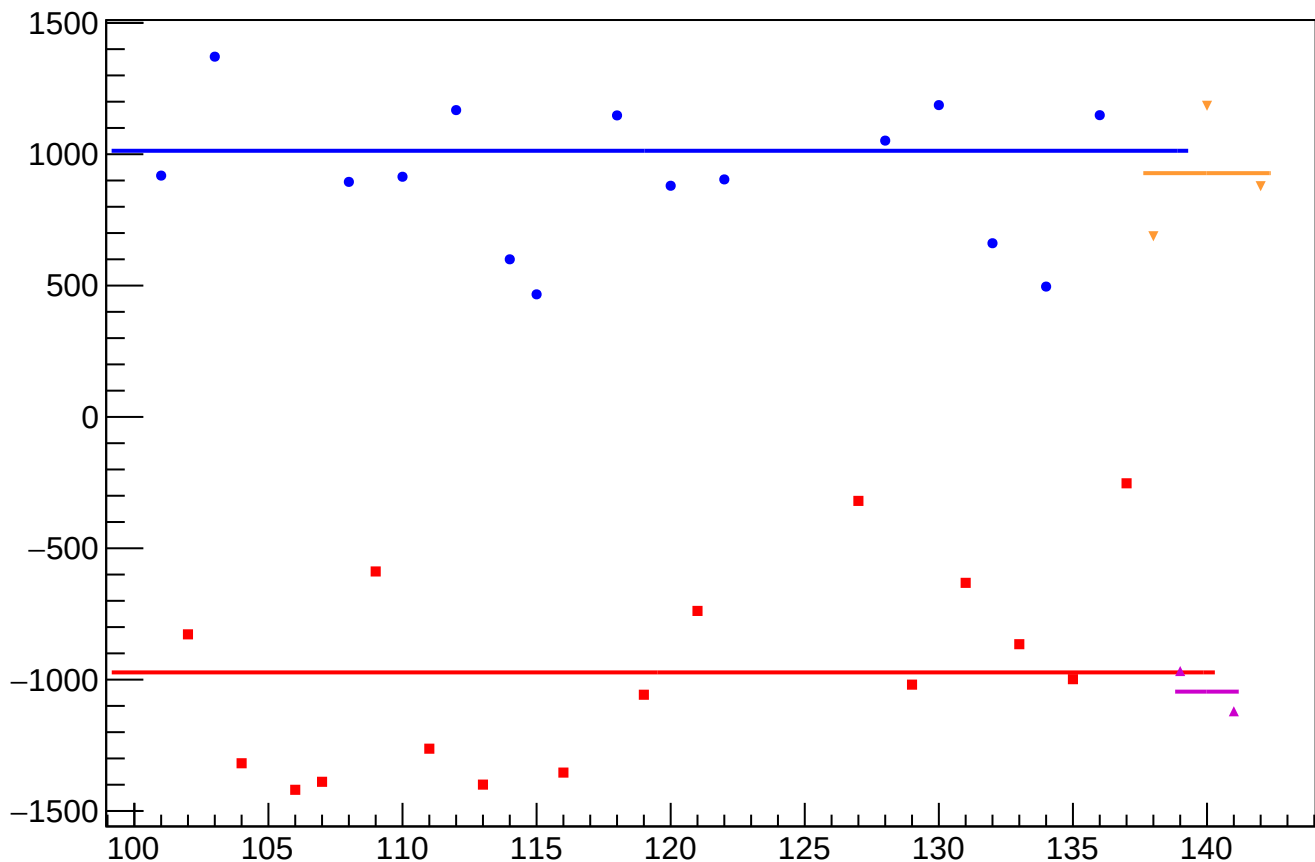
Right In: 1.384 ± 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14

Left Out: 0.400 ± 0.000 χ^2/NDF : 3023217246734381442698739449856.0/2

Right Out: -1.142 ± 0.000 χ^2/NDF : 810680738285448955223066212827136.0/15

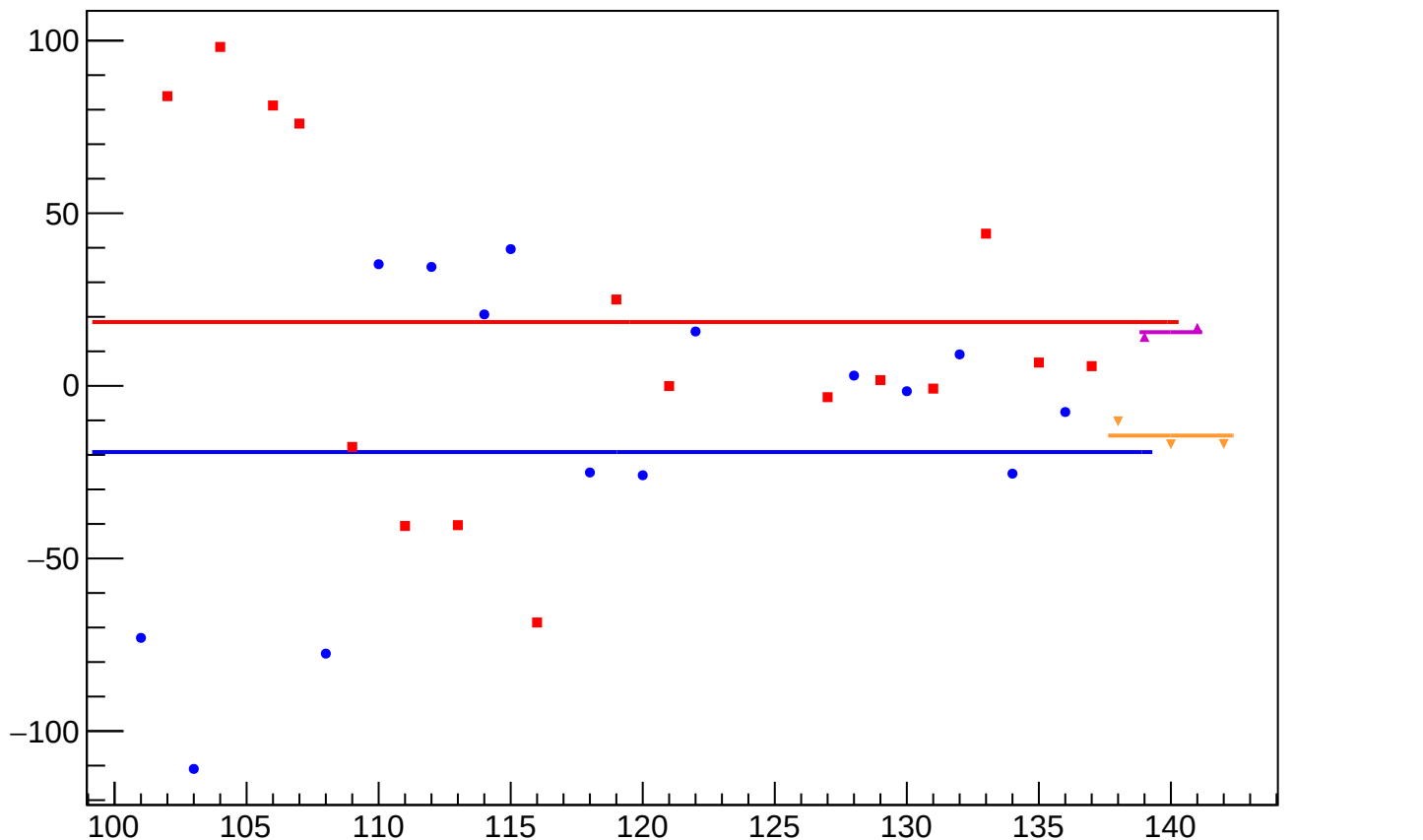
Left In: -0.441 ± 0.000 χ^2/NDF : 109138916307478538822738771968.0/1

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



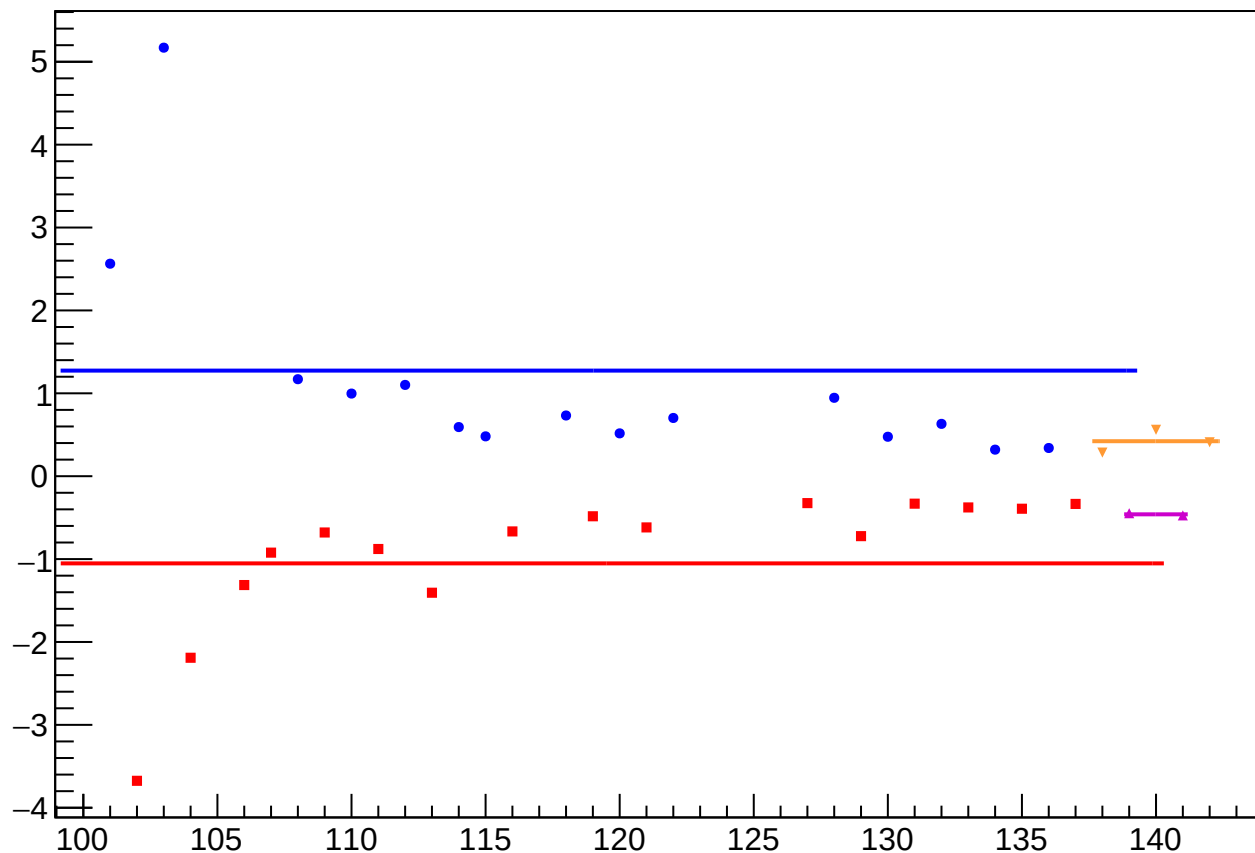
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 927.985 $\pm$ 0.000 χ^2 /NDF: 10009056230898065180844395181394362368.0/2
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1045.687 $\pm$ 0.000 χ^2 /NDF: 972995402346633500280281572485103616.0/1

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: -19.175 +/- 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14
 Left Out: -14.399 +/- 0.000 χ^2/NDF : 2111143200441764555292588566904832.0/2
 Right Out: 18.479 +/- 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15
 Left In: 15.548 +/- 0.000 χ^2/NDF : 295313180032183798441545266364416.0/1

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



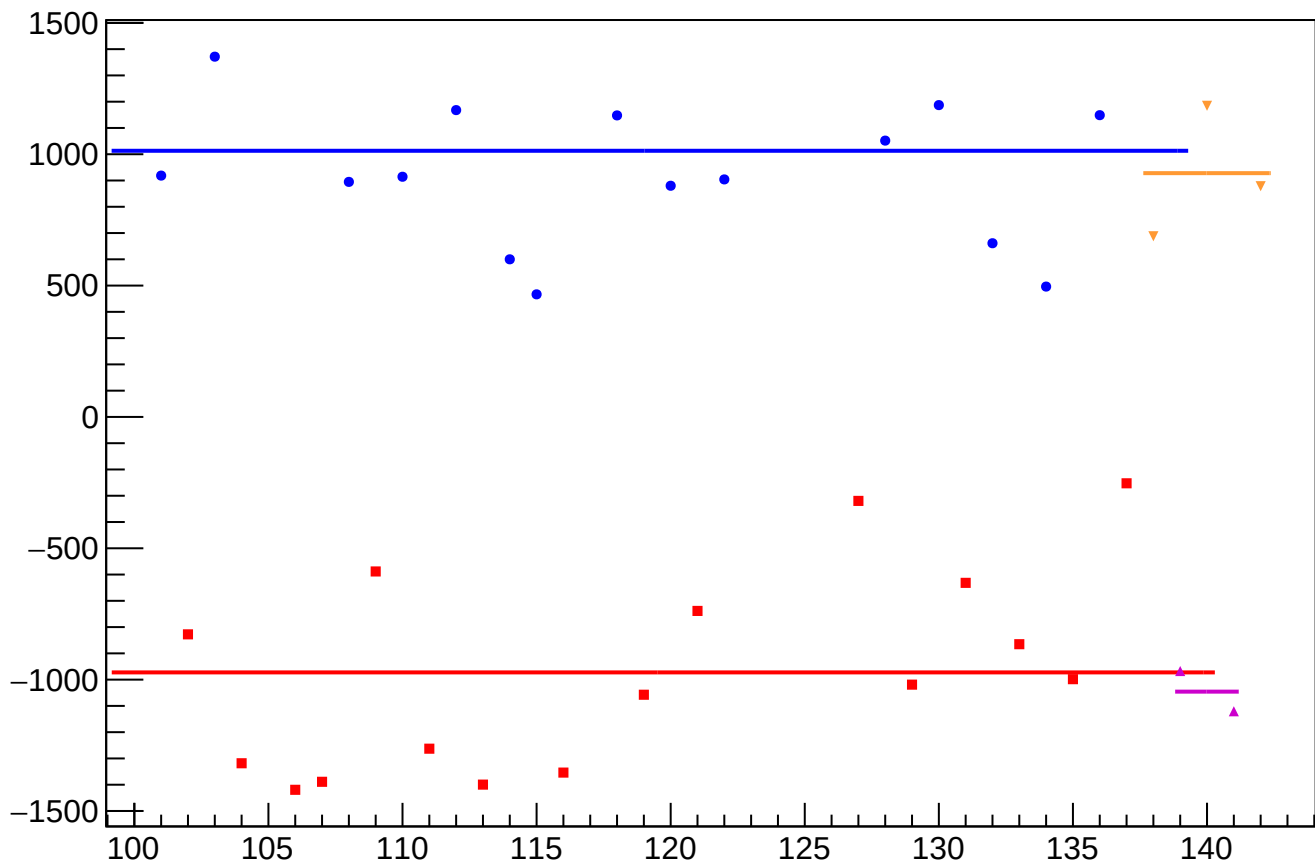
Right In: 1.274 $\pm$ 0.000 χ^2 /NDF: 1212041476631073599154045304438784.0/14

Left Out: 0.422 $\pm$ 0.000 χ^2 /NDF: 3034090421347858418091763433472.0/2

Right Out: -1.052 $\pm$ 0.000 χ^2 /NDF: 607316121057753919194559126962176.0/15

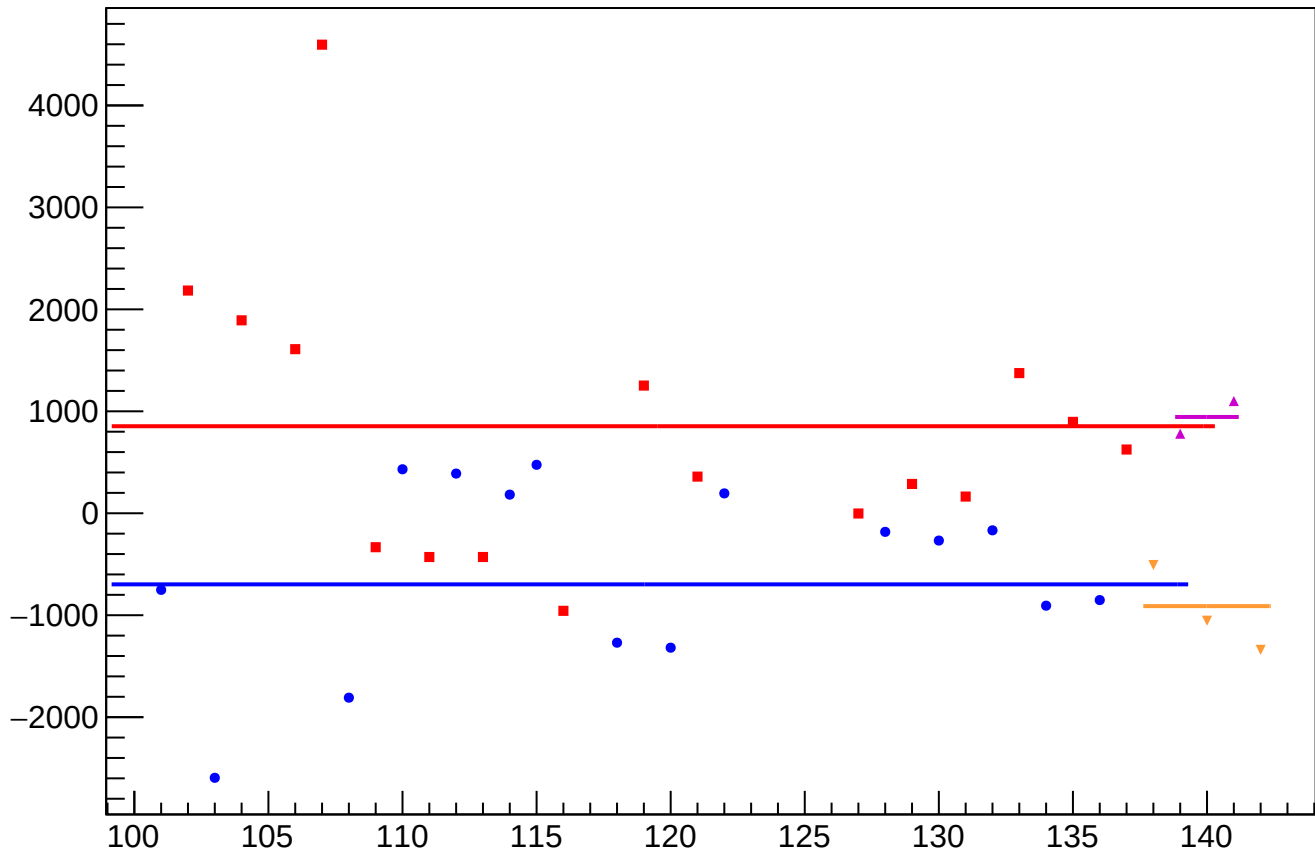
Left In: -0.460 $\pm$ 0.000 χ^2 /NDF: 28676651237669113686858399744.0/1

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



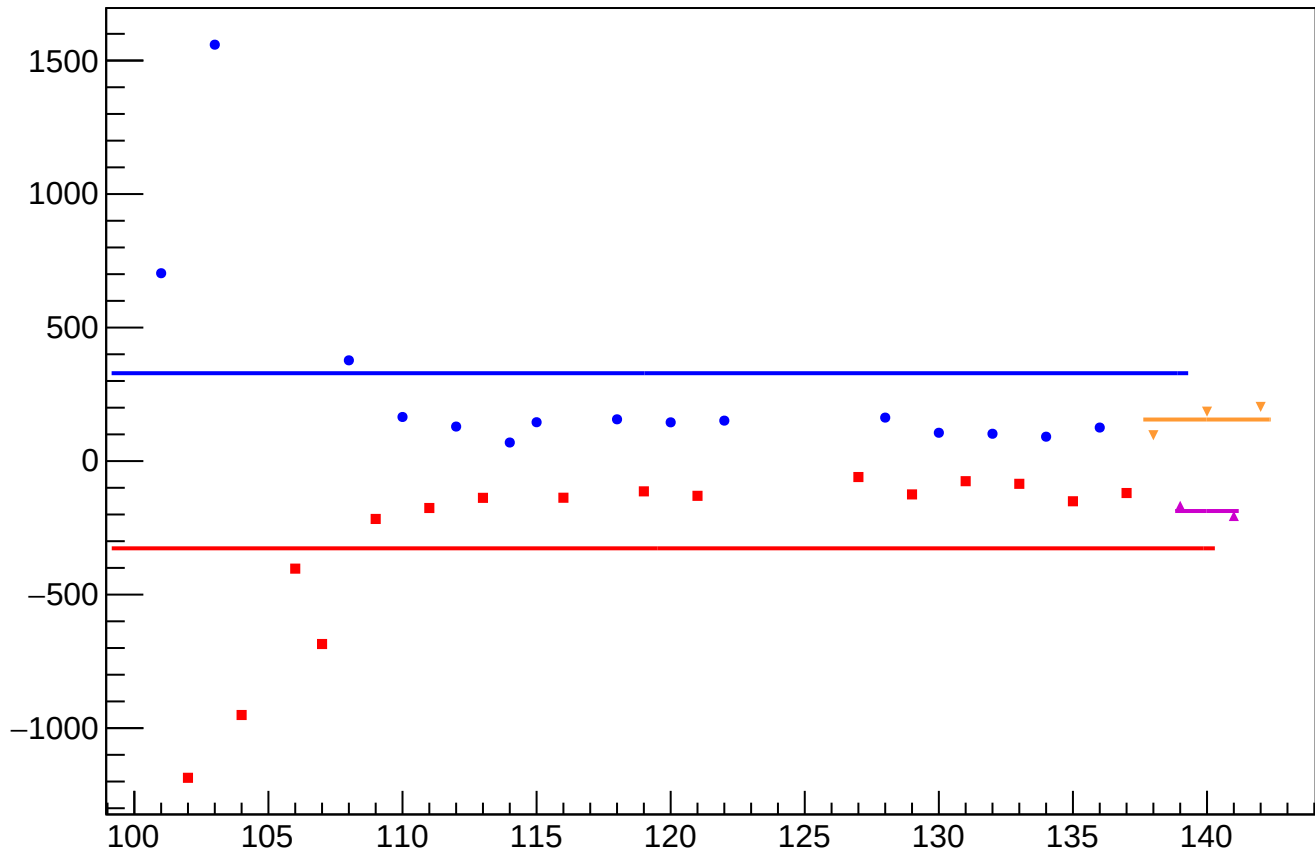
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 927.985+/-0.000 χ^2/NDF : 10009056230898065180844395181394362368.0/2
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_usl_coil6_mean vs Slug, Sign Corrected



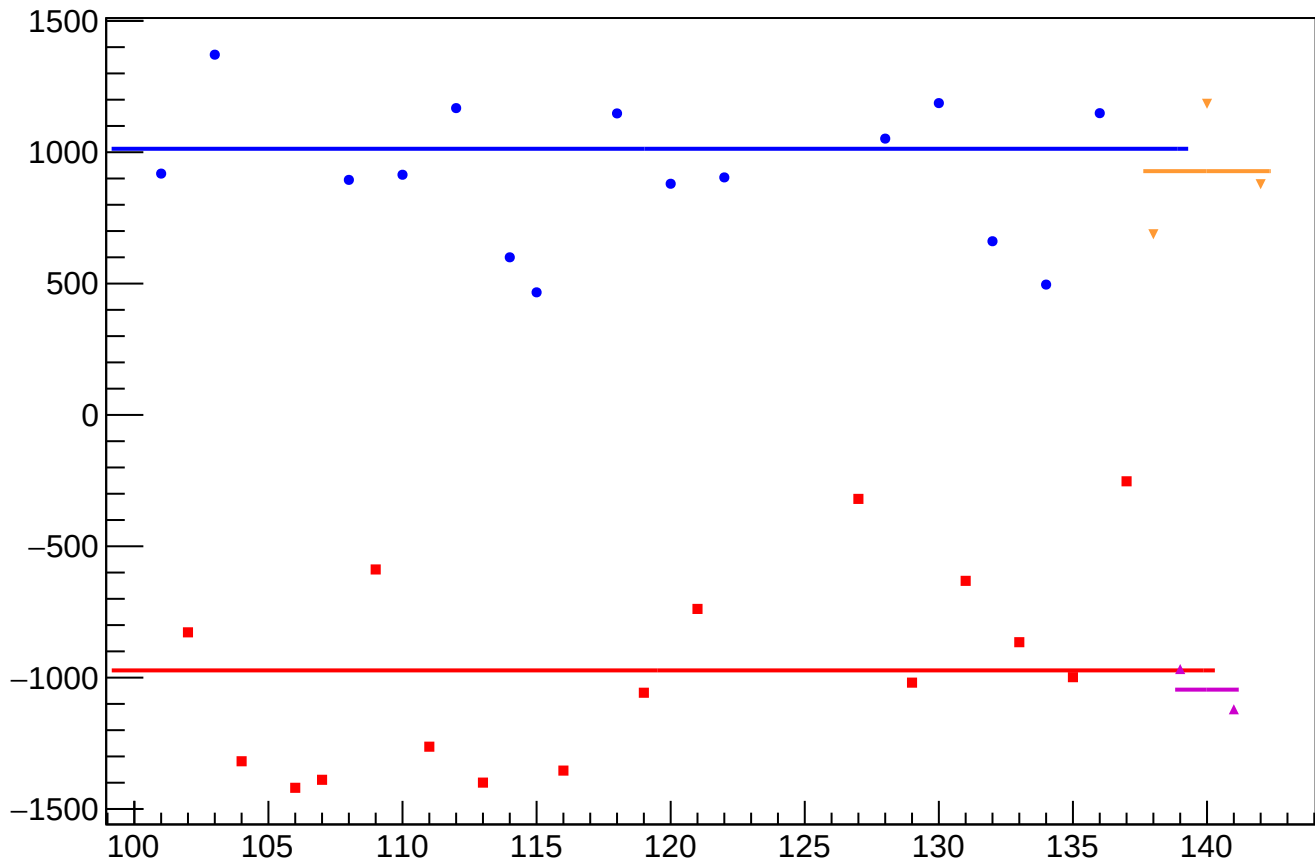
Right In: -697.283+/-0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14
 Left Out: -910.870+/-0.000 χ^2/NDF : 22820019646586669628480495119138553856.0/2
 Right Out: 853.734+/-0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15
 Left In: 944.426+/-0.000 χ^2/NDF : 4260670985639431005147582372981506048.0/1

dit_usl_coil6_err_mean vs Slug, Sign Corrected



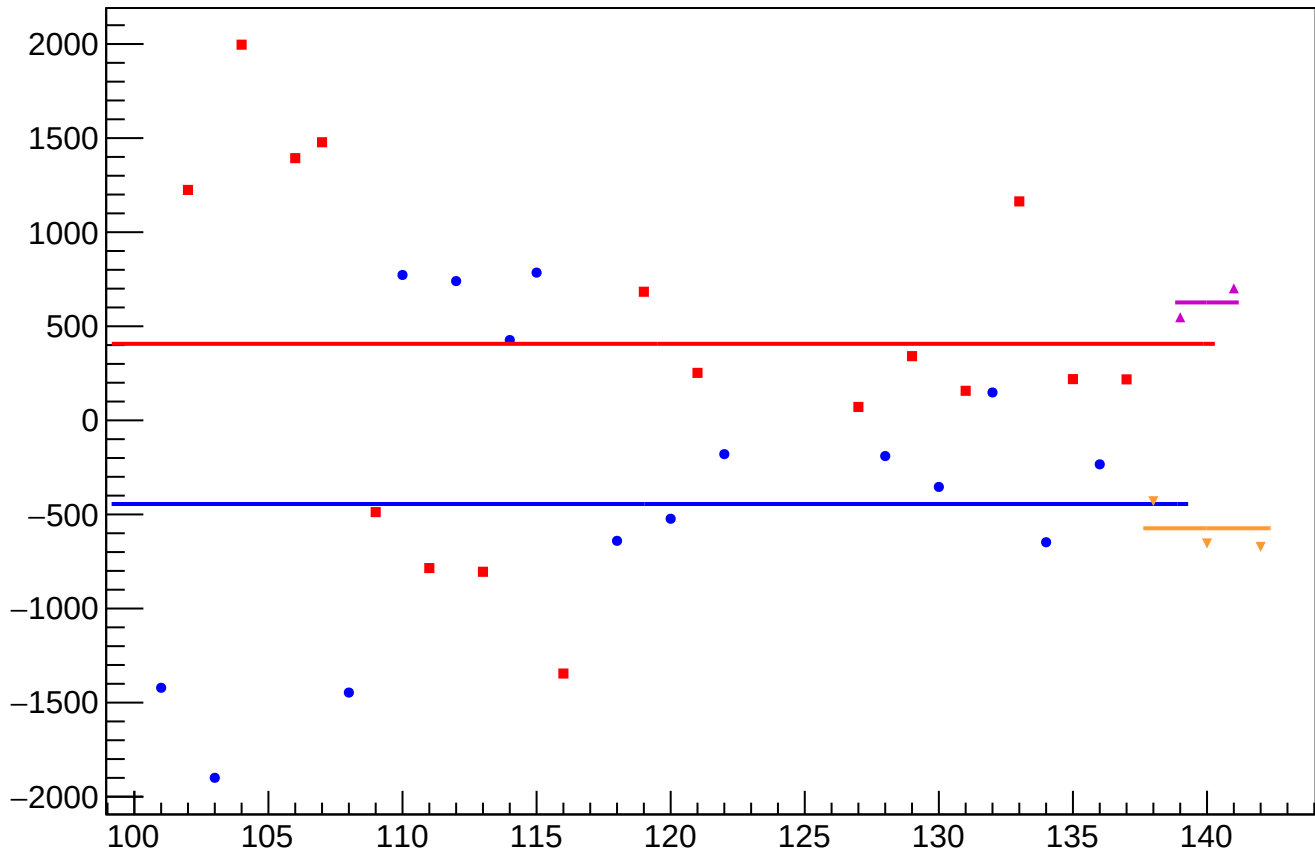
Right In: 329.108 +/- 0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14
 Left Out: 155.641 +/- 0.000 χ^2/NDF : 443073789349524555903879624024653824.0/2
 Right Out: -326.695 +/- 0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15
 Left In: -186.954 +/- 0.000 χ^2/NDF : 60557898973665265387524180739620864.0/1

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



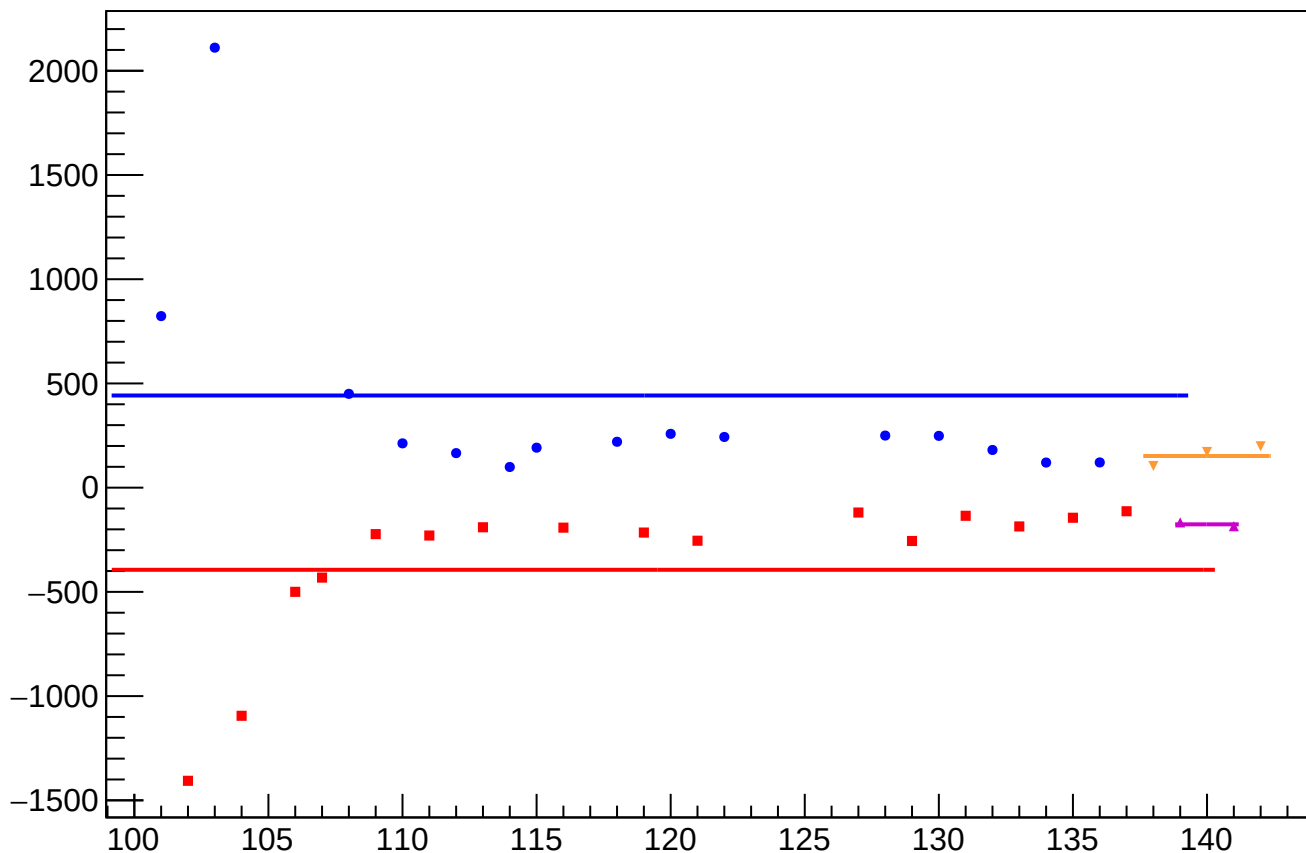
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 927.985+/-0.000 χ^2/NDF : 10009056230898065180844395181394362368.0/2
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14
 Left Out: -573.419+/-0.000 χ^2/NDF : 2591520667060067045614058793395552256.0/2
 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



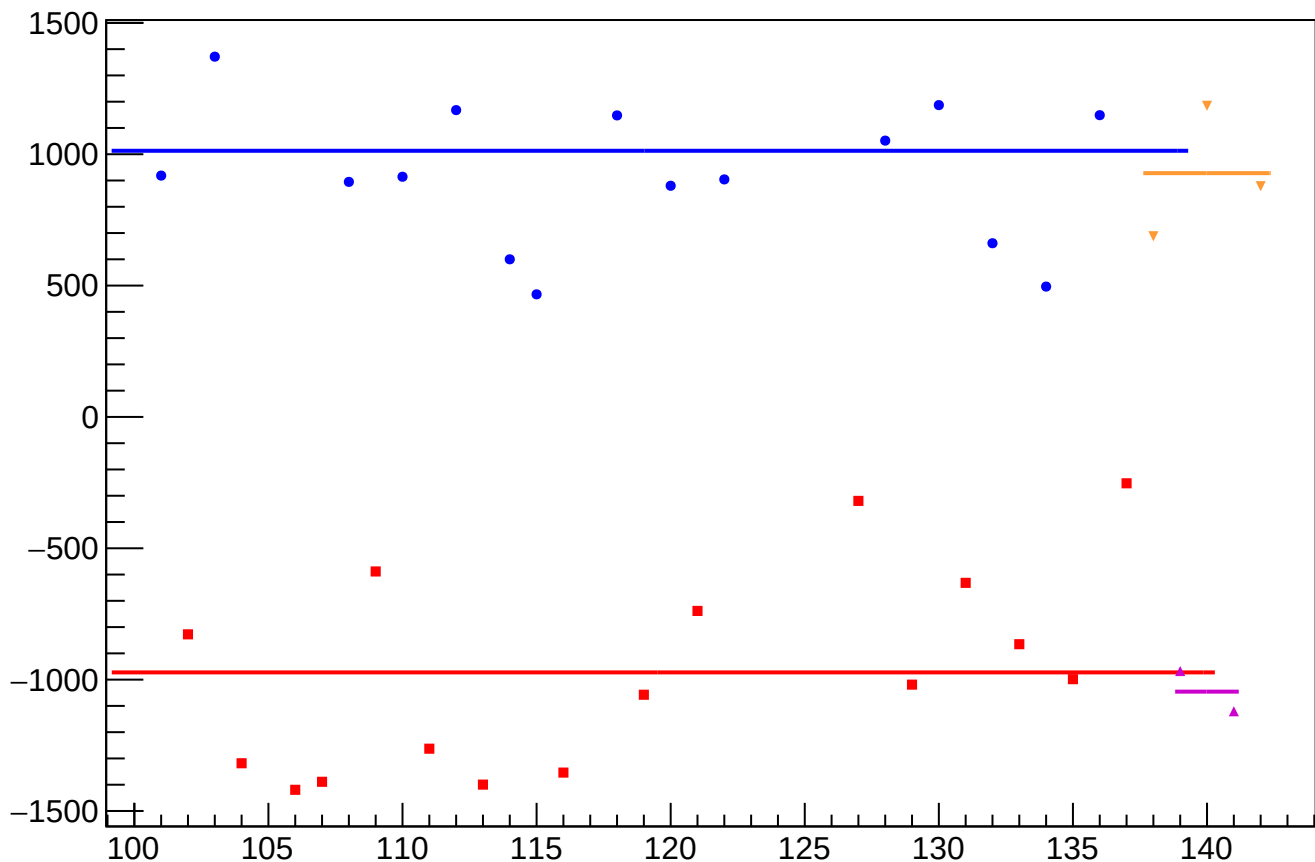
Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 151.914+/-0.000 χ^2/NDF : 310634963485228203241580033745092608.0/2

Right Out: -394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

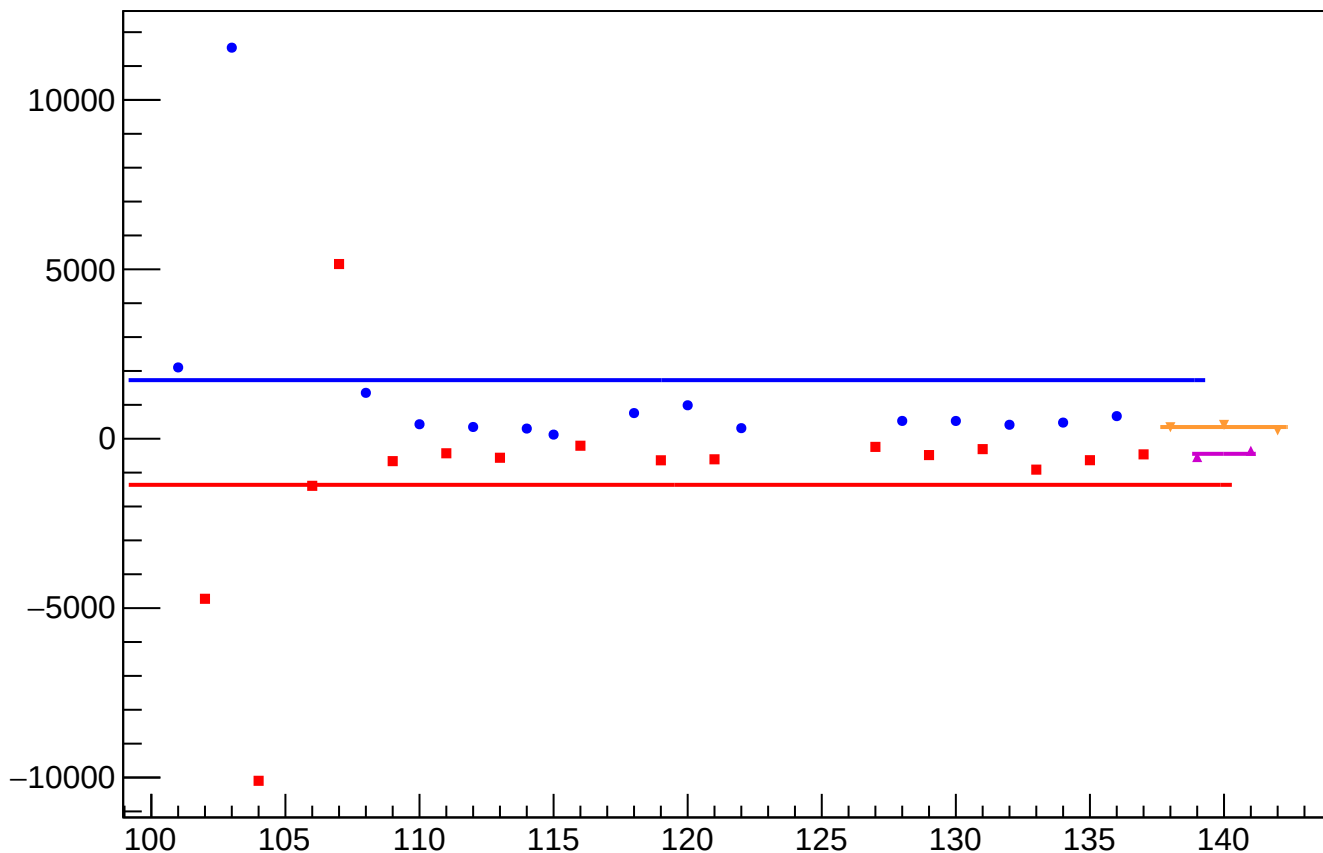
Left In: -175.991+/-0.000 χ^2/NDF : 13890639975547150721508315309801472.0/1

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



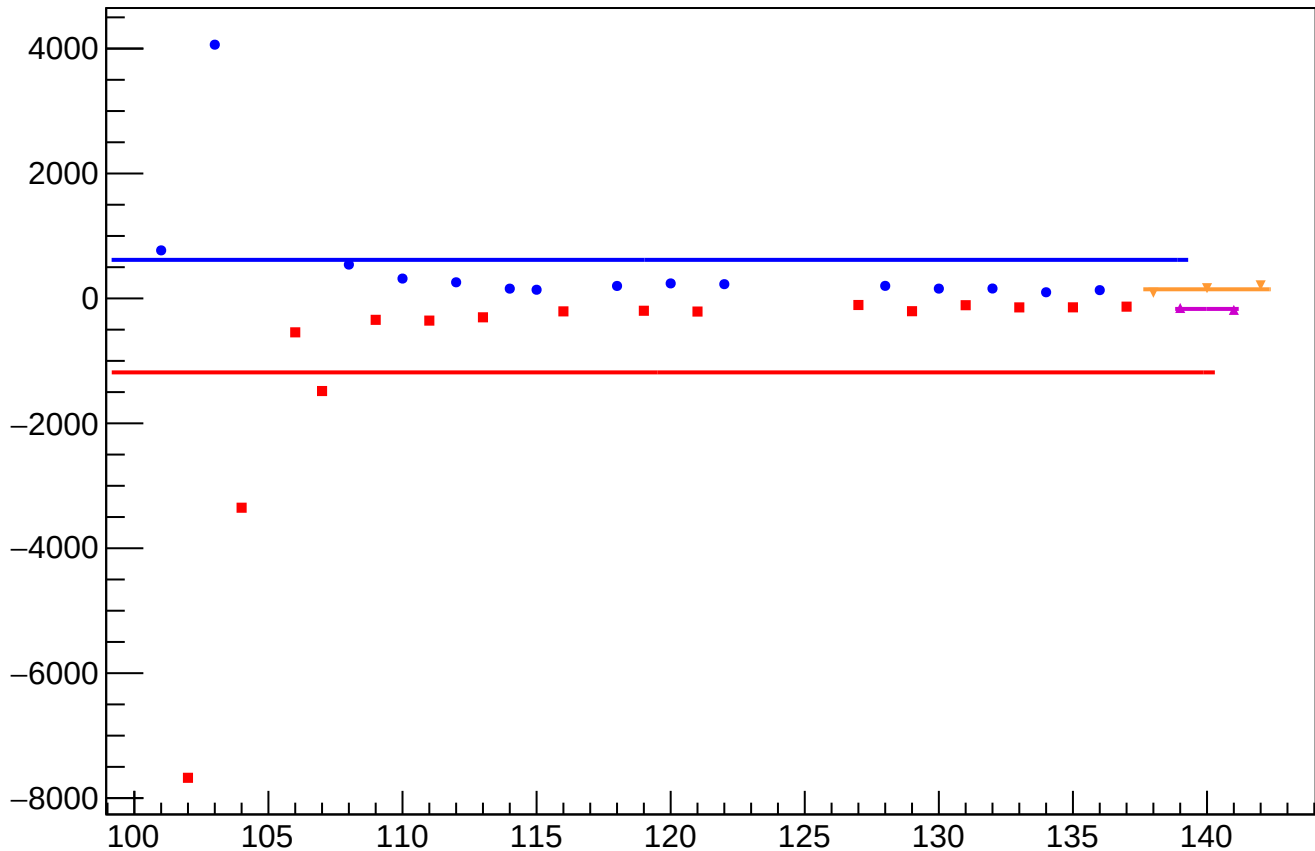
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 927.985 $\pm$ 0.000 χ^2 /NDF: 10009056230898065180844395181394362368.0/2
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1045.687 $\pm$ 0.000 χ^2 /NDF: 972995402346633500280281572485103616.0/1

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 1729.013 +/- 0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 345.380 +/- 0.000 χ^2/NDF : 779364774871445199512746526001594368.0/2
 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



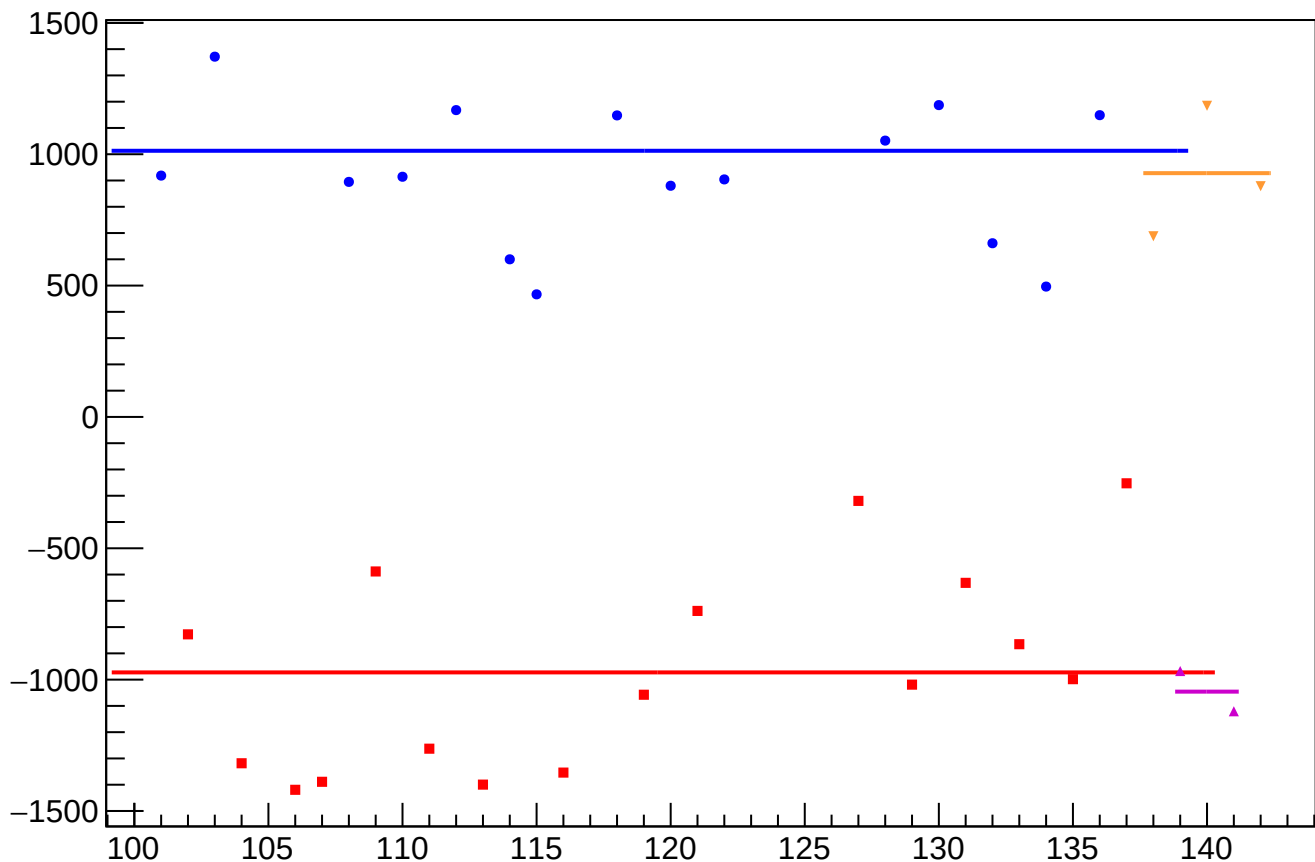
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 146.074+/-0.000 χ^2/NDF : 449610353717370803878593627701641216.0/2

Right Out: -1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

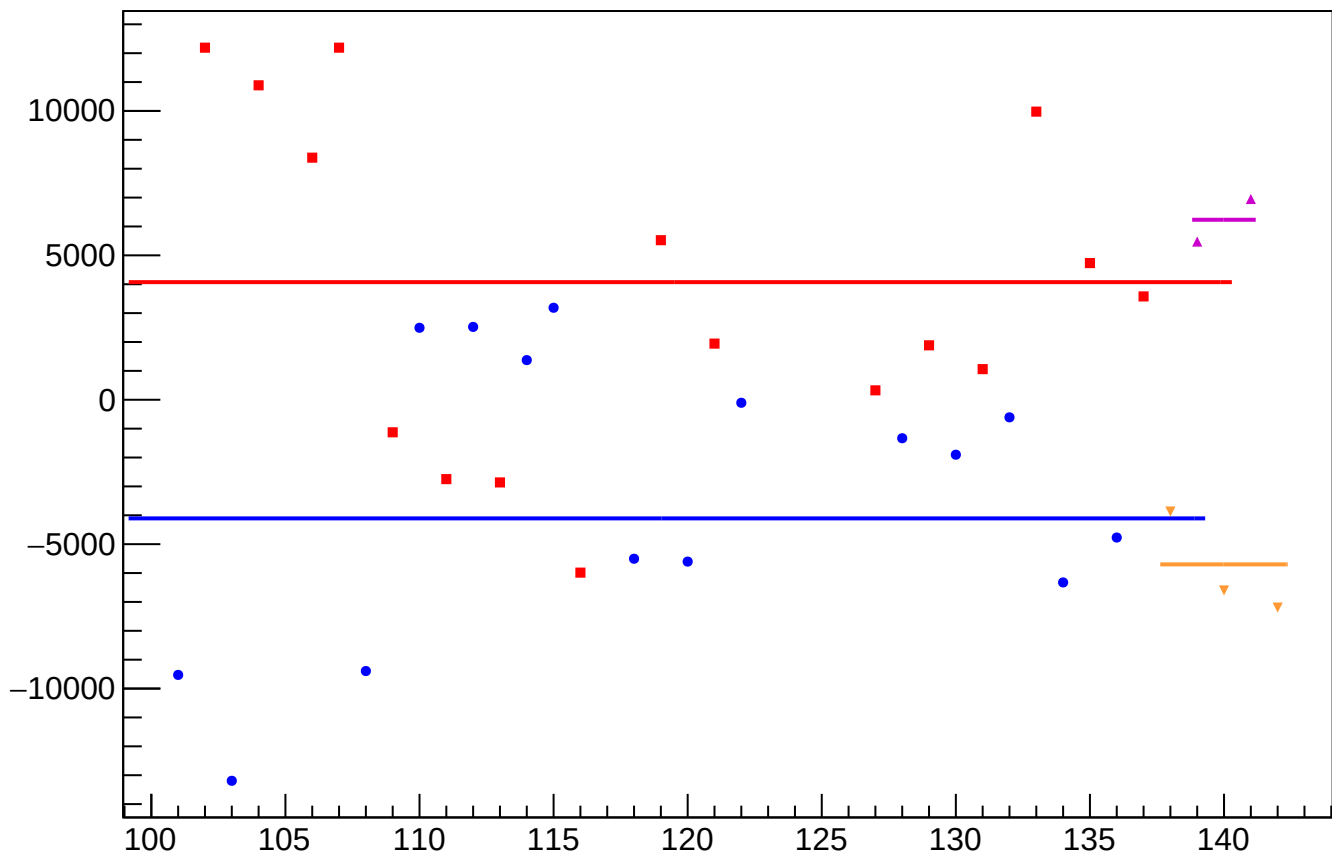
Left In: -168.259+/-0.000 χ^2/NDF : 38354654164112710649043844291624960.0/1

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



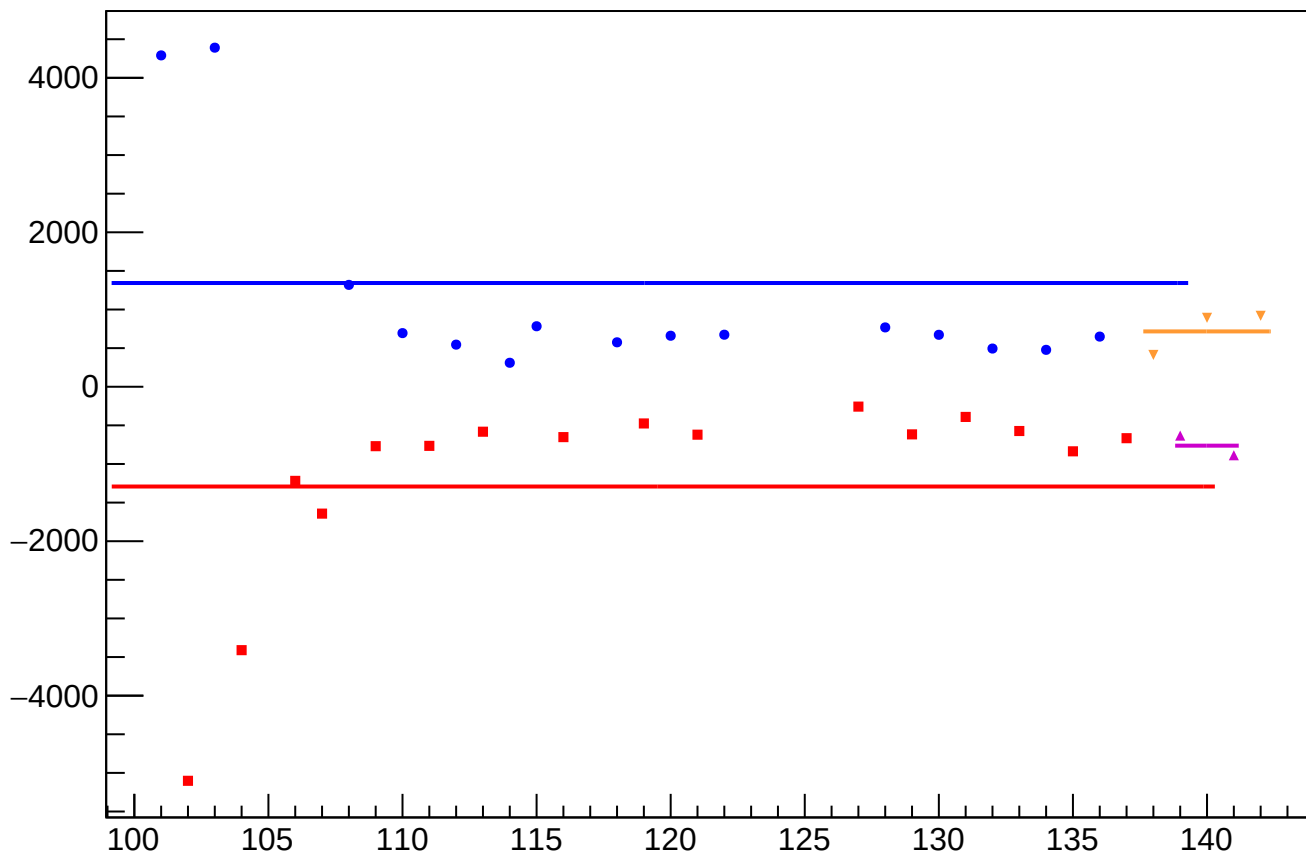
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 927.985+/-0.000 χ^2/NDF : 10009056230898065180844395181394362368.0/2
 Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_atl2_coil6_mean vs Slug, Sign Corrected



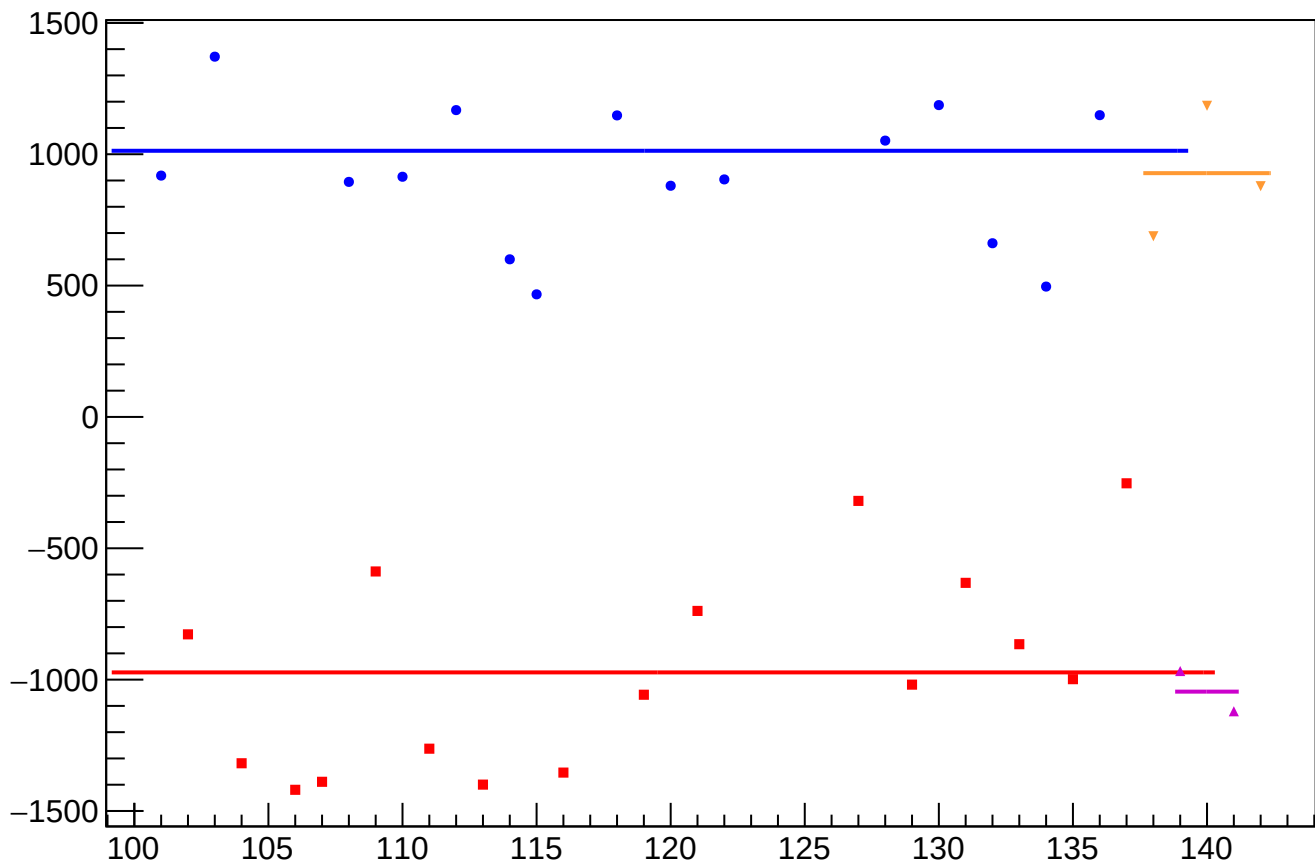
Right In: -4107.443+/-0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14
 Left Out: -5700.231+/-0.000 χ^2/NDF : 430940893438035071710500826935749246976.0/2
 Right Out: 4072.120+/-0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15
 Left In: 6232.505+/-0.000 χ^2/NDF : 90130037001362362626389193108903428096.0/1

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



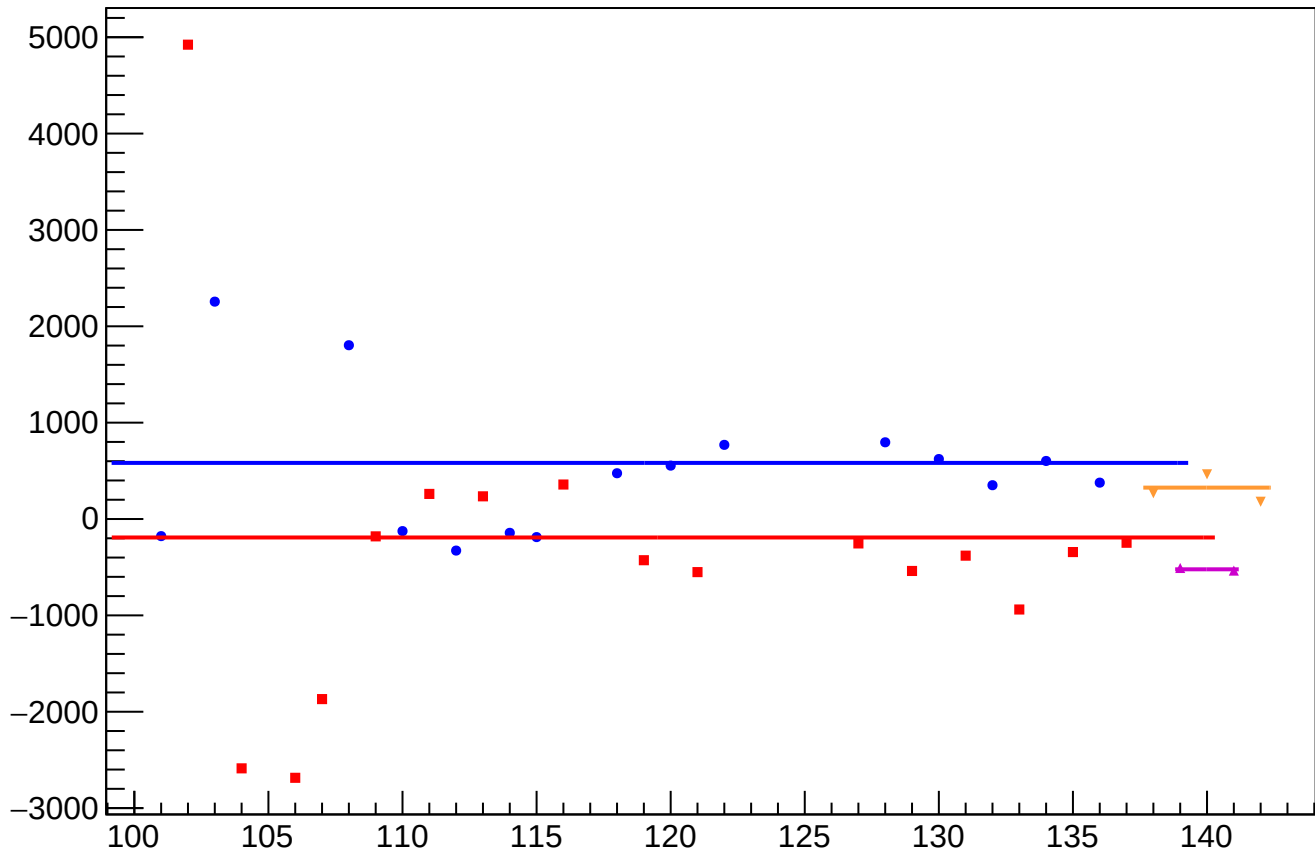
Right In: 1343.321 +/- 0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 716.550 +/- 0.000 χ^2/NDF : 11652063606015434337224918460190949376.0/2
 Right Out: -1291.796 +/- 0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: -762.798 +/- 0.000 χ^2/NDF : 2687126406394388273700130460891348992.0/1

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 927.985 $\pm$ 0.000 χ^2 /NDF: 10009056230898065180844395181394362368.0/2
 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_atr1_coil6_mean vs Slug, Sign Corrected



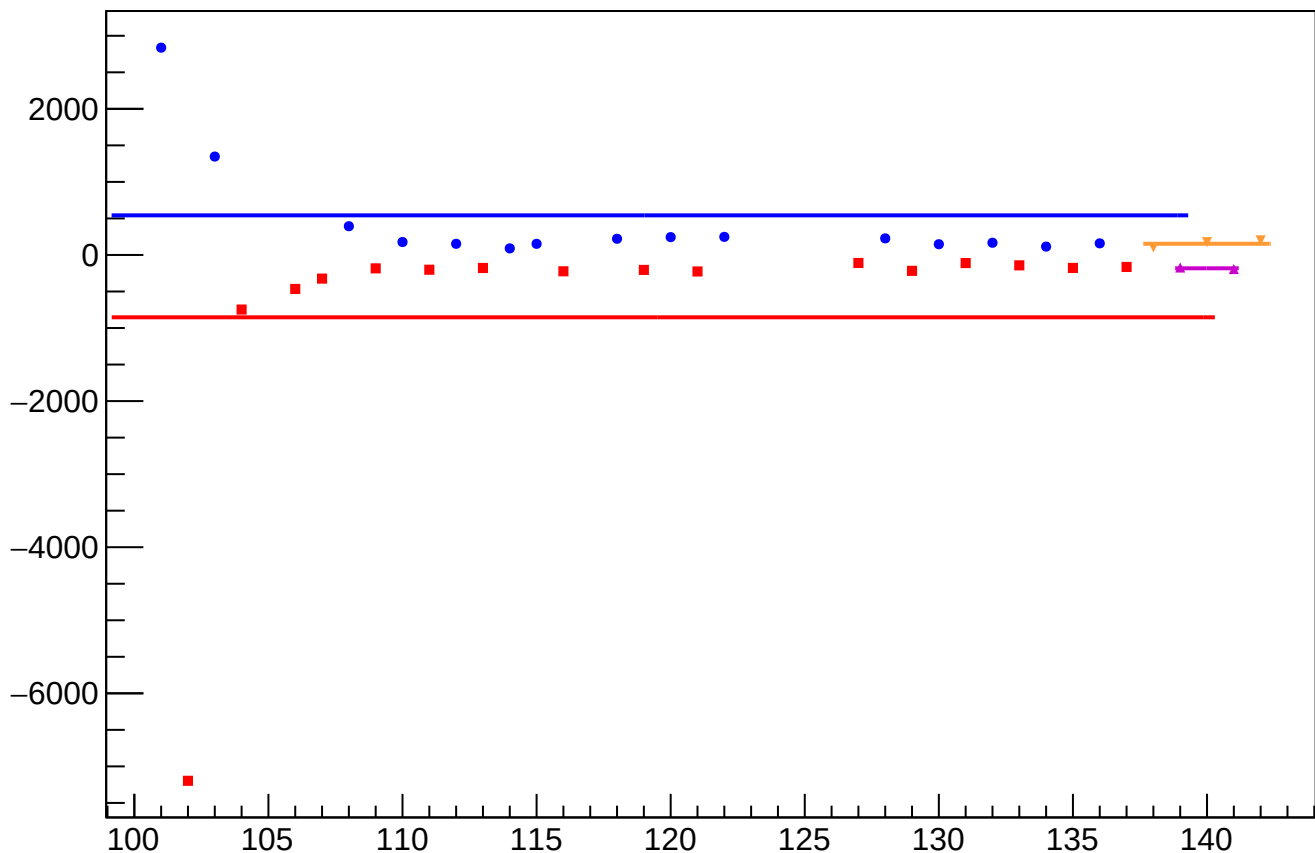
Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 325.806+/-0.000 χ^2/NDF : 2814738955760092681685724822411149312.0/2

Right Out: -191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

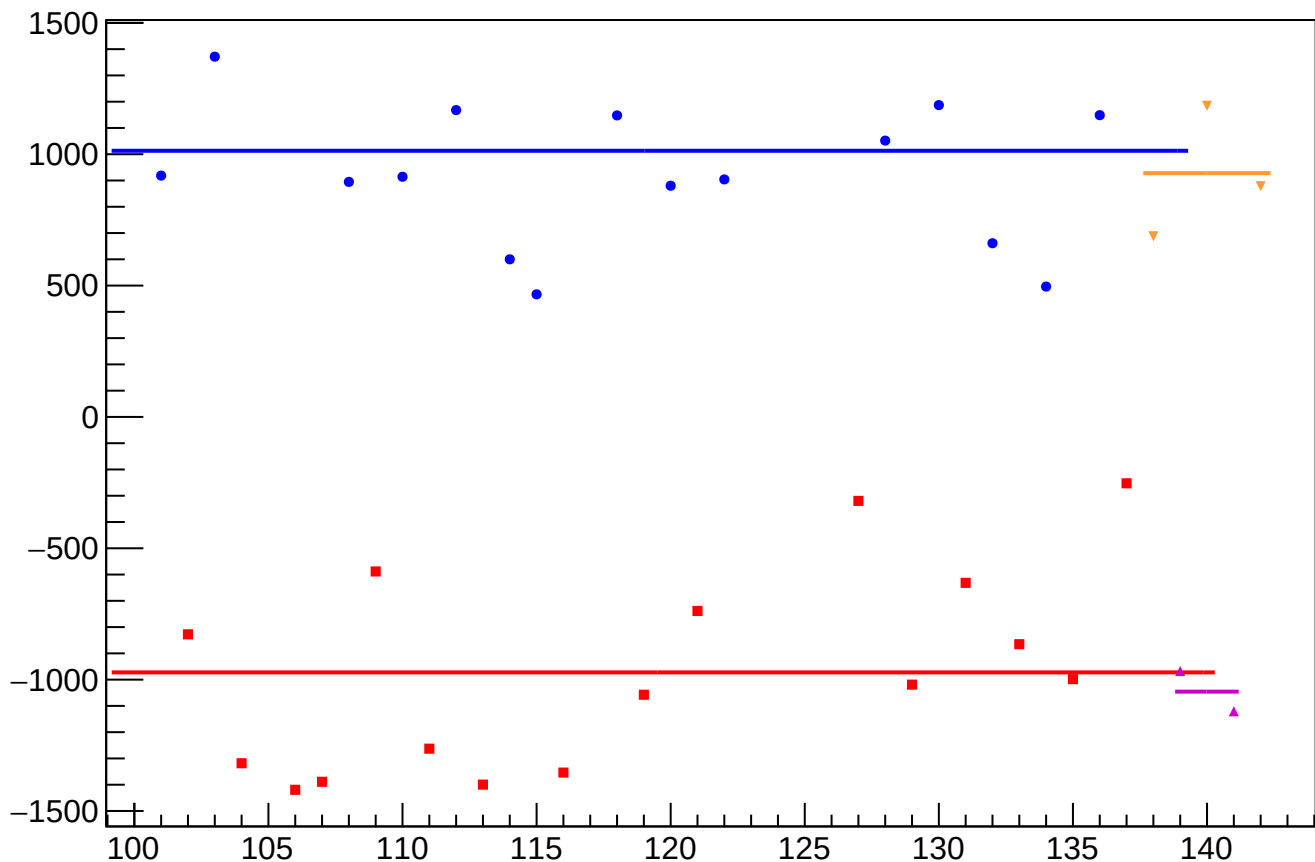
Left In: -521.949+/-0.000 χ^2/NDF : 30583720520907610835015584949731328.0/1

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



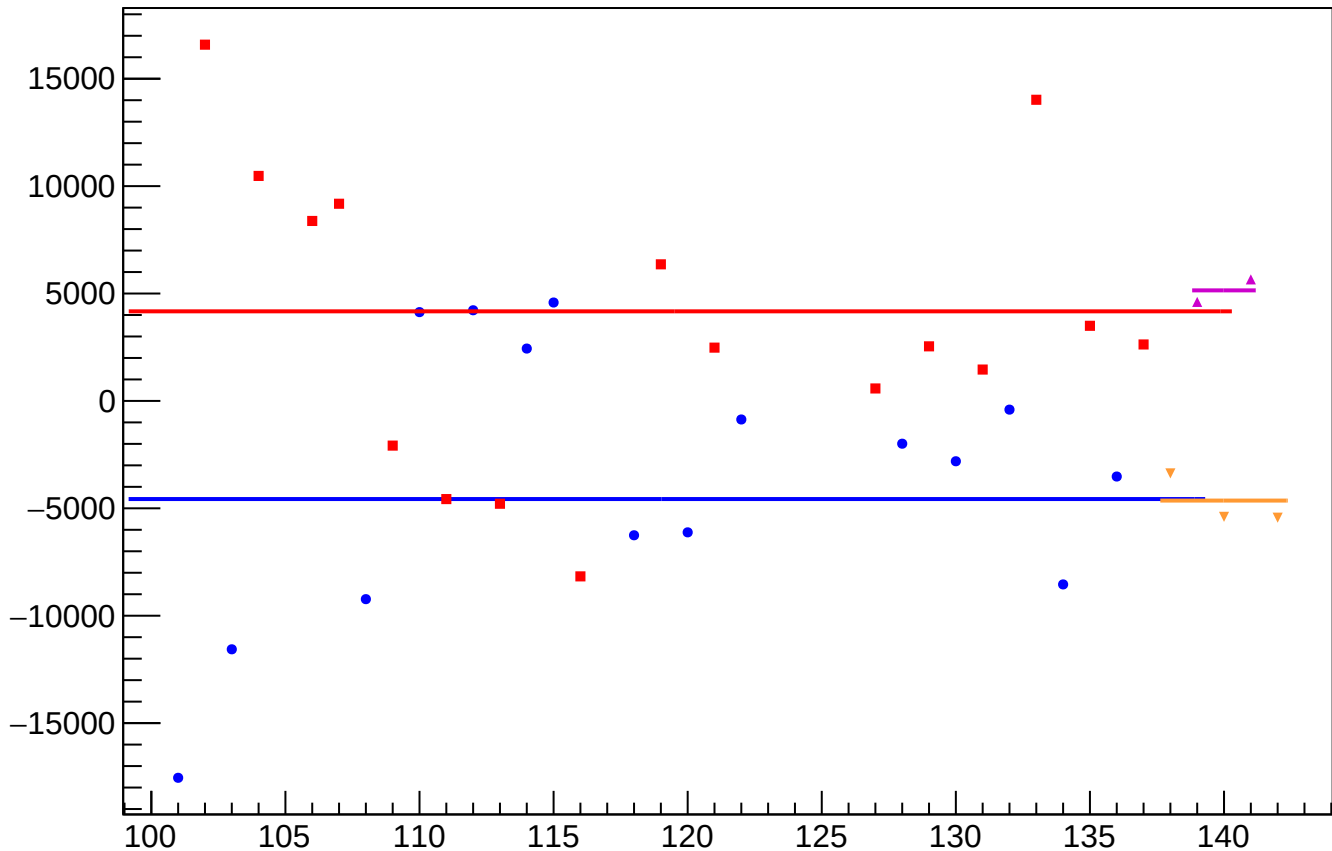
Right In: 542.328 +/- 0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14
 Left Out: 153.305 +/- 0.000 χ^2/NDF : 332940738140536205613739921574461440.0/2
 Right Out: -853.203 +/- 0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15
 Left In: -182.356 +/- 0.000 χ^2/NDF : 17977197487839256891496431374827520.0/1

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



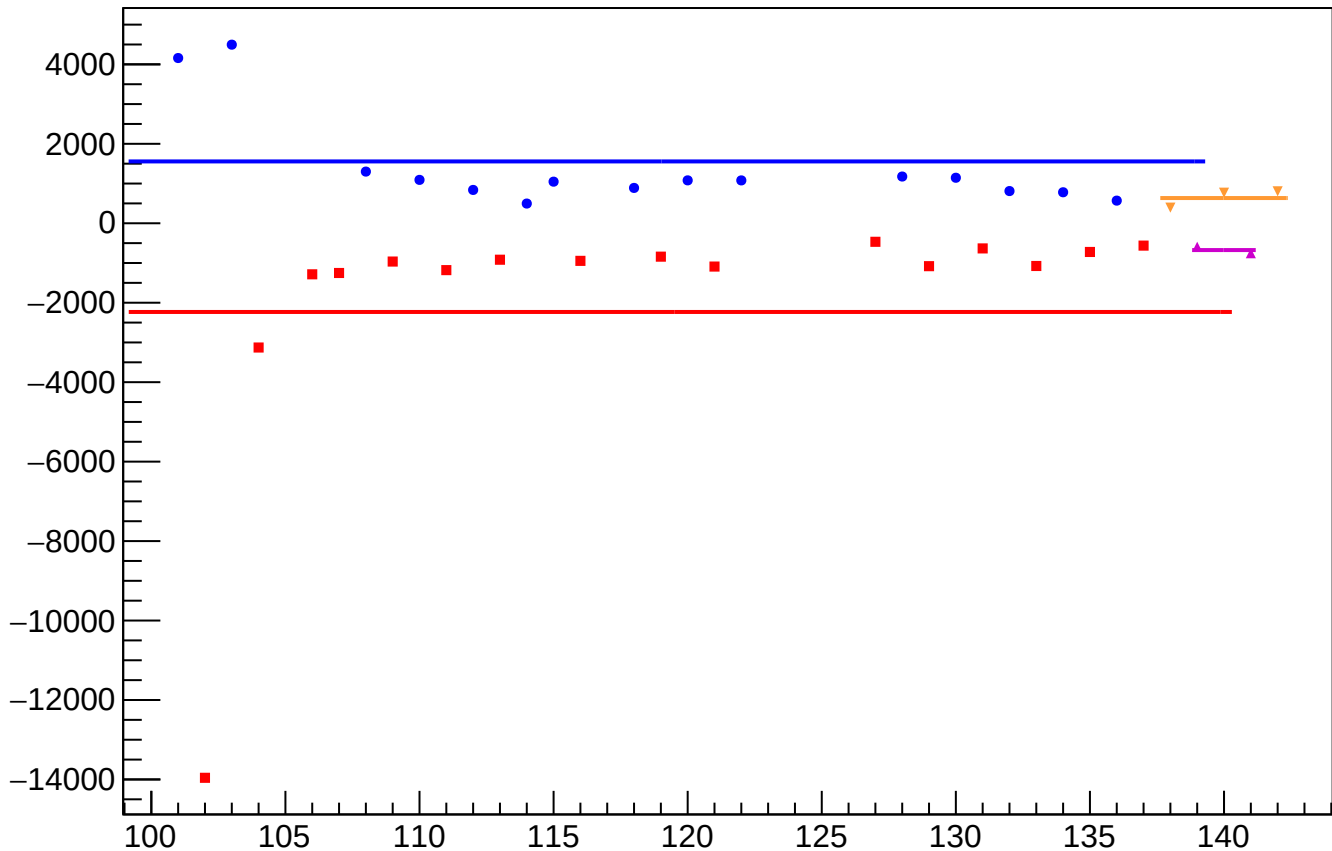
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 927.985 $\pm$ 0.000 χ^2 /NDF: 10009056230898065180844395181394362368.0/2
 Right Out: -972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: -1045.687 $\pm$ 0.000 χ^2 /NDF: 972995402346633500280281572485103616.0/1

dit_atr2_coil6_mean vs Slug, Sign Corrected



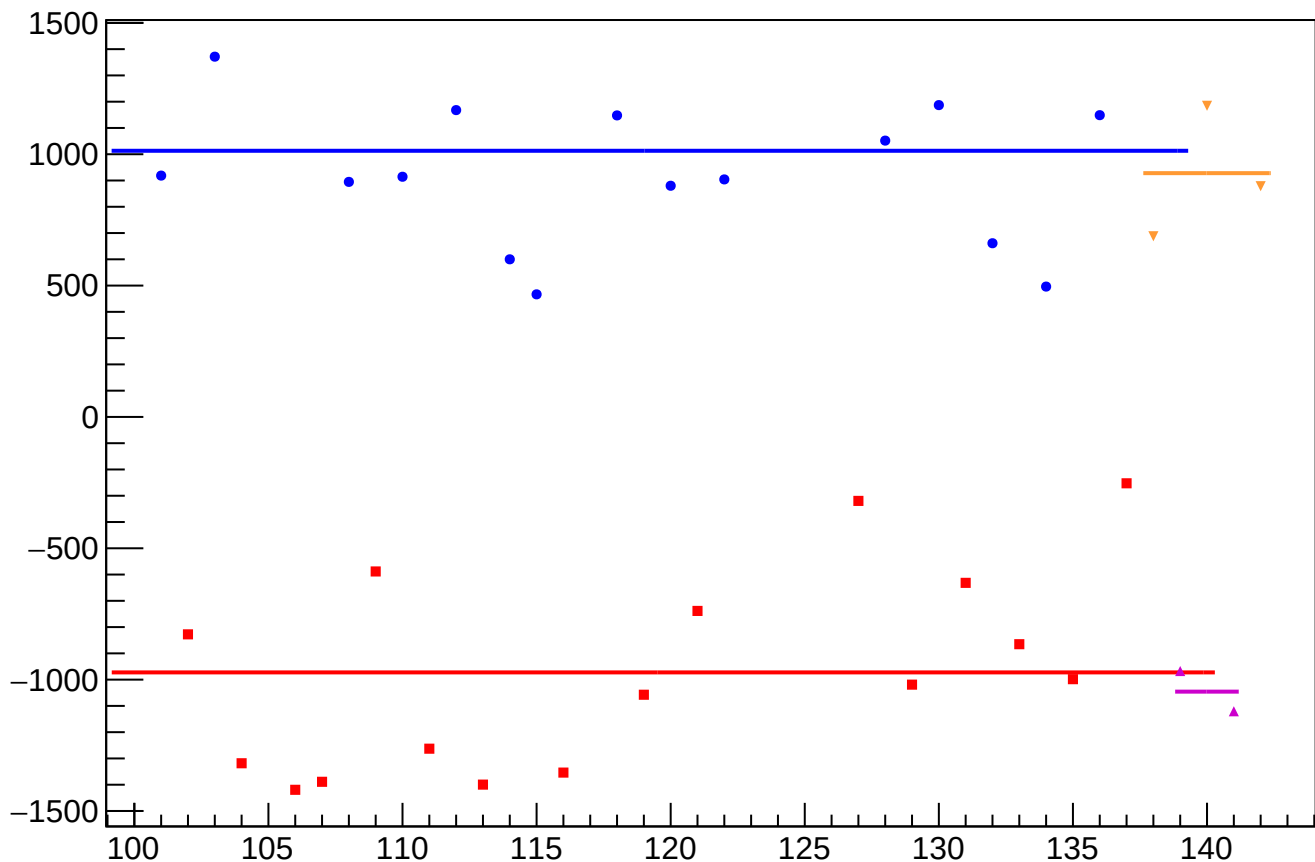
Right In: -4568.297 ± 0.000 $\chi^2/\text{NDF}: 24195052148165719540713110921977756909568.0/14$
 Left Out: -4639.455 ± 0.000 $\chi^2/\text{NDF}: 201094634033603075867643330460653715456.0/2$
 Right Out: 4170.773 ± 0.000 $\chi^2/\text{NDF}: 30967248832187912041113909559481103024128.0/15$
 Left In: 5146.824 ± 0.000 $\chi^2/\text{NDF}: 45520048903492076476967717167142273024.0/1$

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



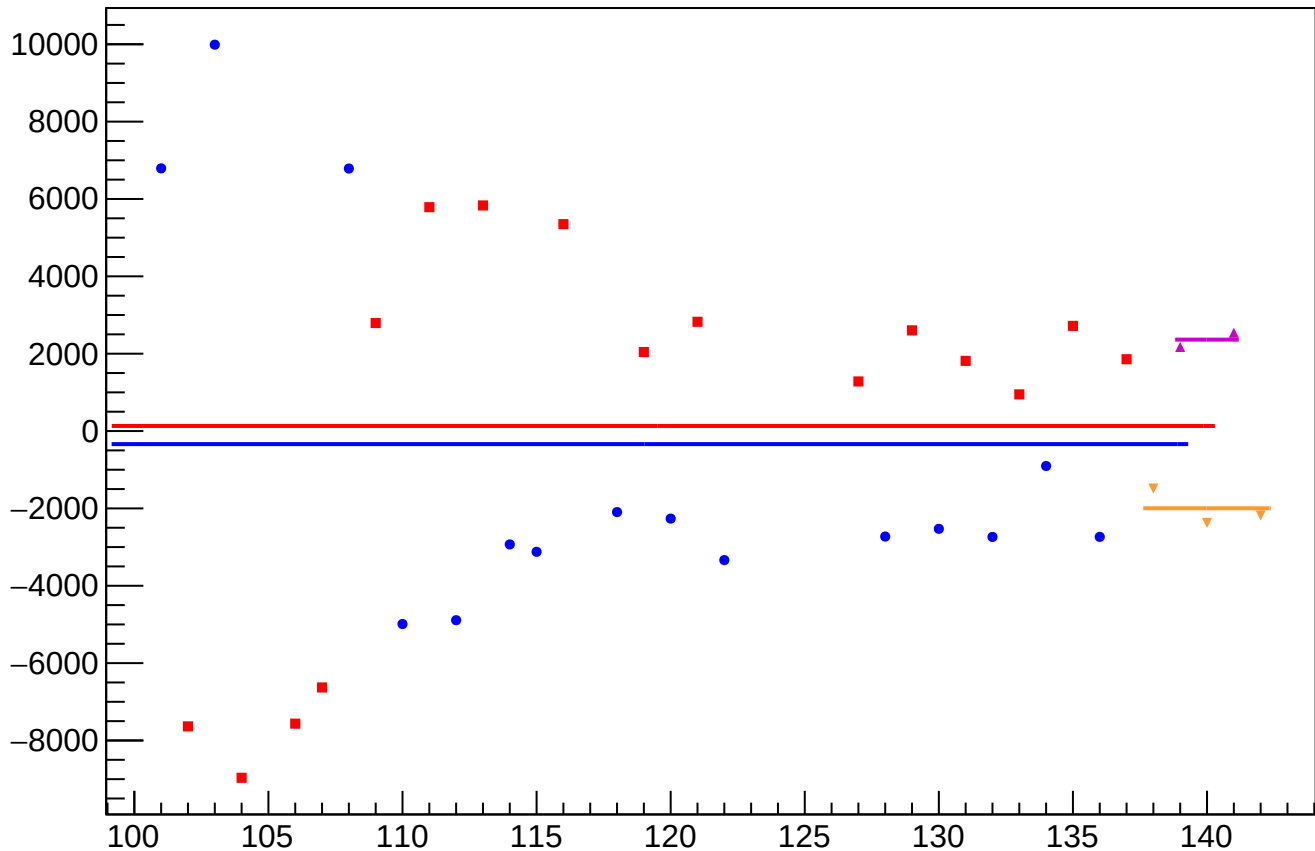
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 634.932+/-0.000 χ^2/NDF : 7352122566852936994878704003925934080.0/2
 Right Out: -2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: -674.599+/-0.000 χ^2/NDF : 1103216992773562141818018388556906496.0/1

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



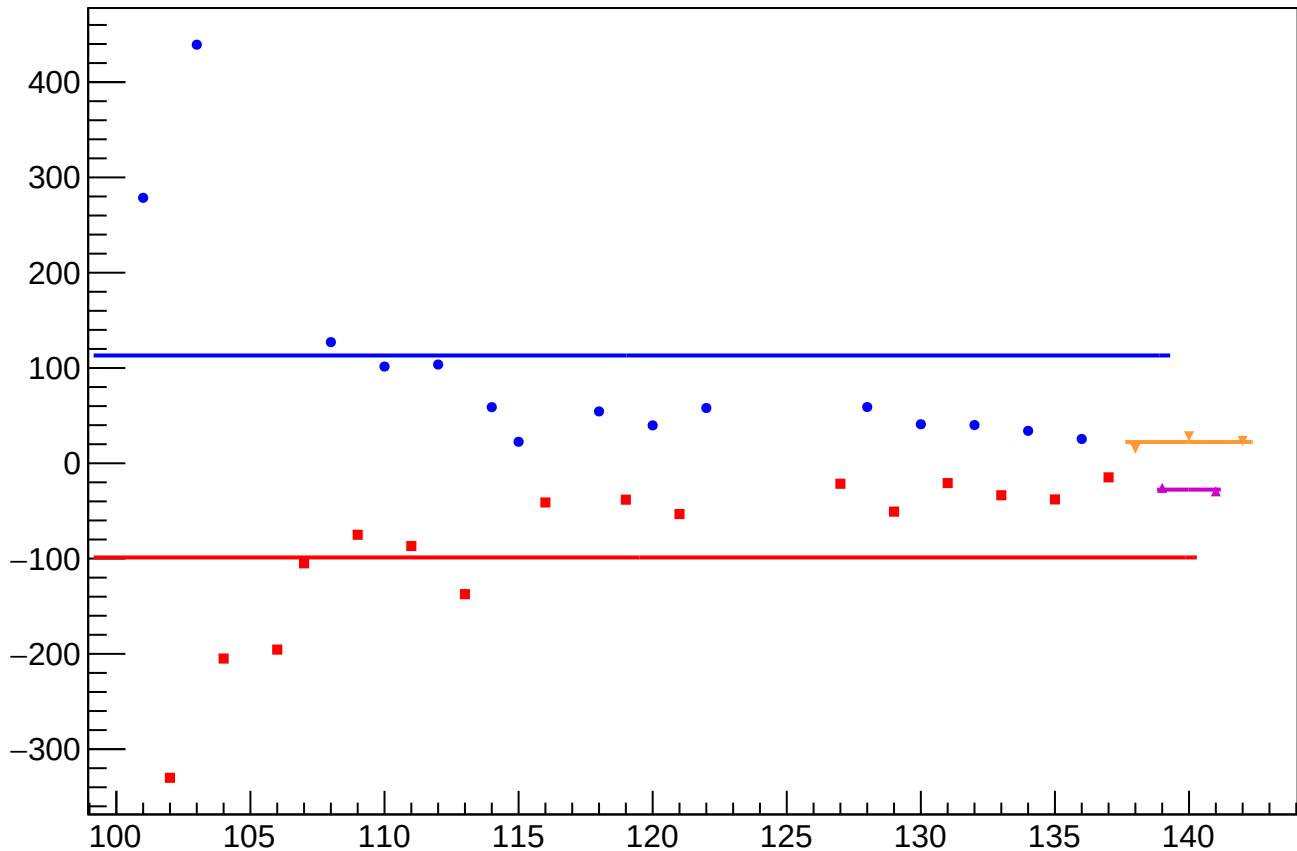
Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14
Left Out: 927.985+/-0.000	χ^2/NDF : 10009056230898065180844395181394362368.0/2
Right Out: -972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15
Left In: -1045.687+/-0.000	χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: -337.865+/-0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -1996.062+/-0.000 χ^2/NDF : 33590394186020992367674988267227316224.0/2
 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



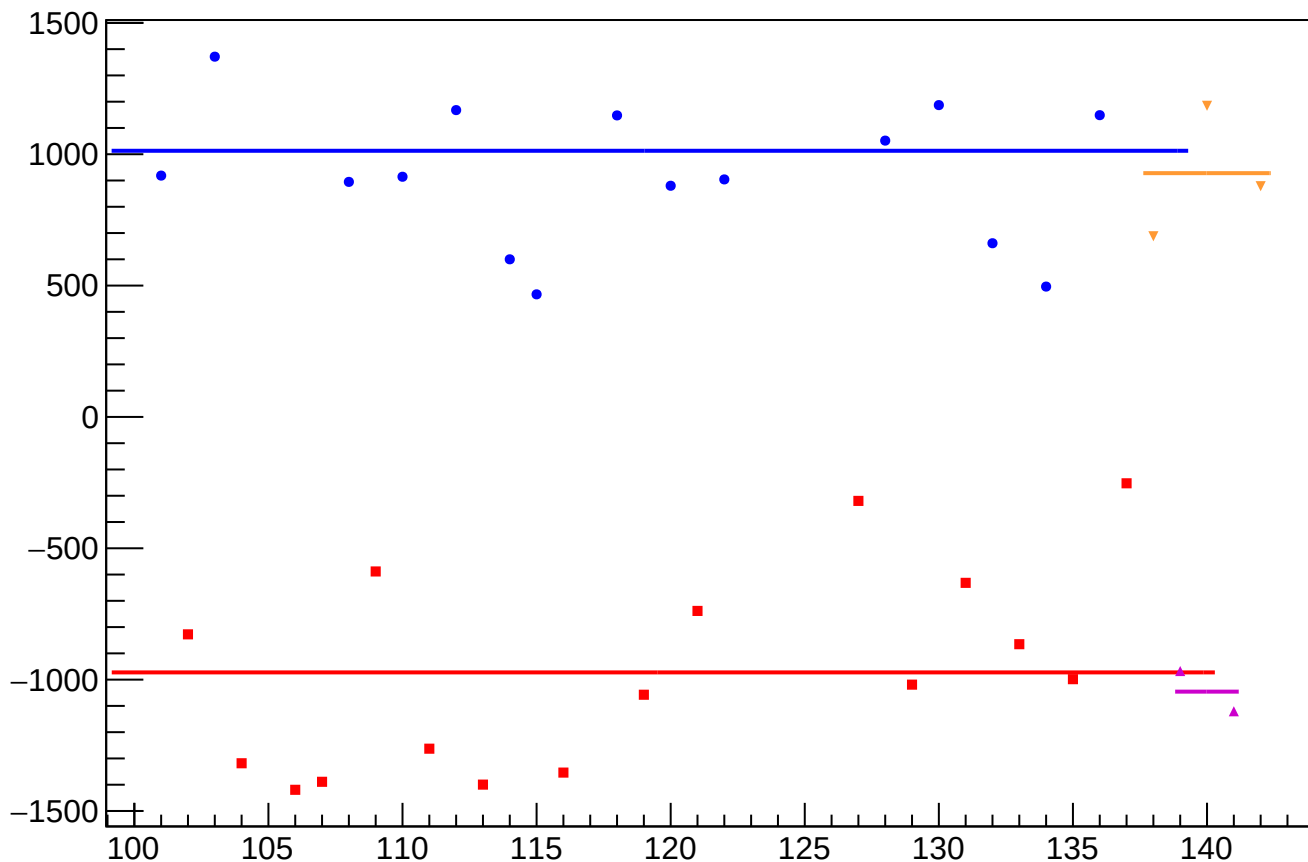
Right In: 113.134+/-0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14

Left Out: 22.316+/-0.000 χ^2/NDF : 6787963702790702649886838953607168.0/2

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



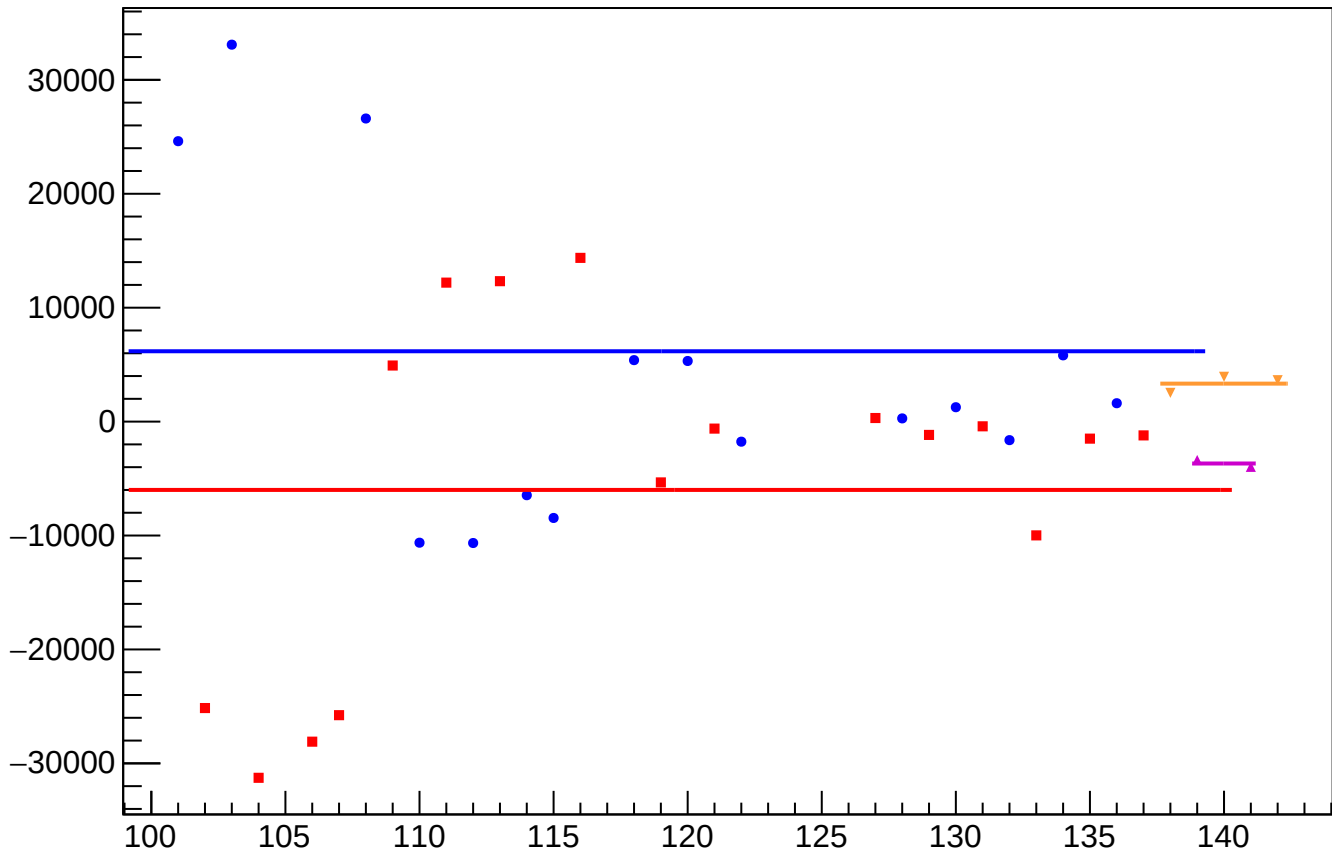
Right In: 1013.146 $\pm$ 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 927.985 $\pm$ 0.000 χ^2/NDF : 10009056230898065180844395181394362368.0/2

Right Out: -972.465 $\pm$ 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

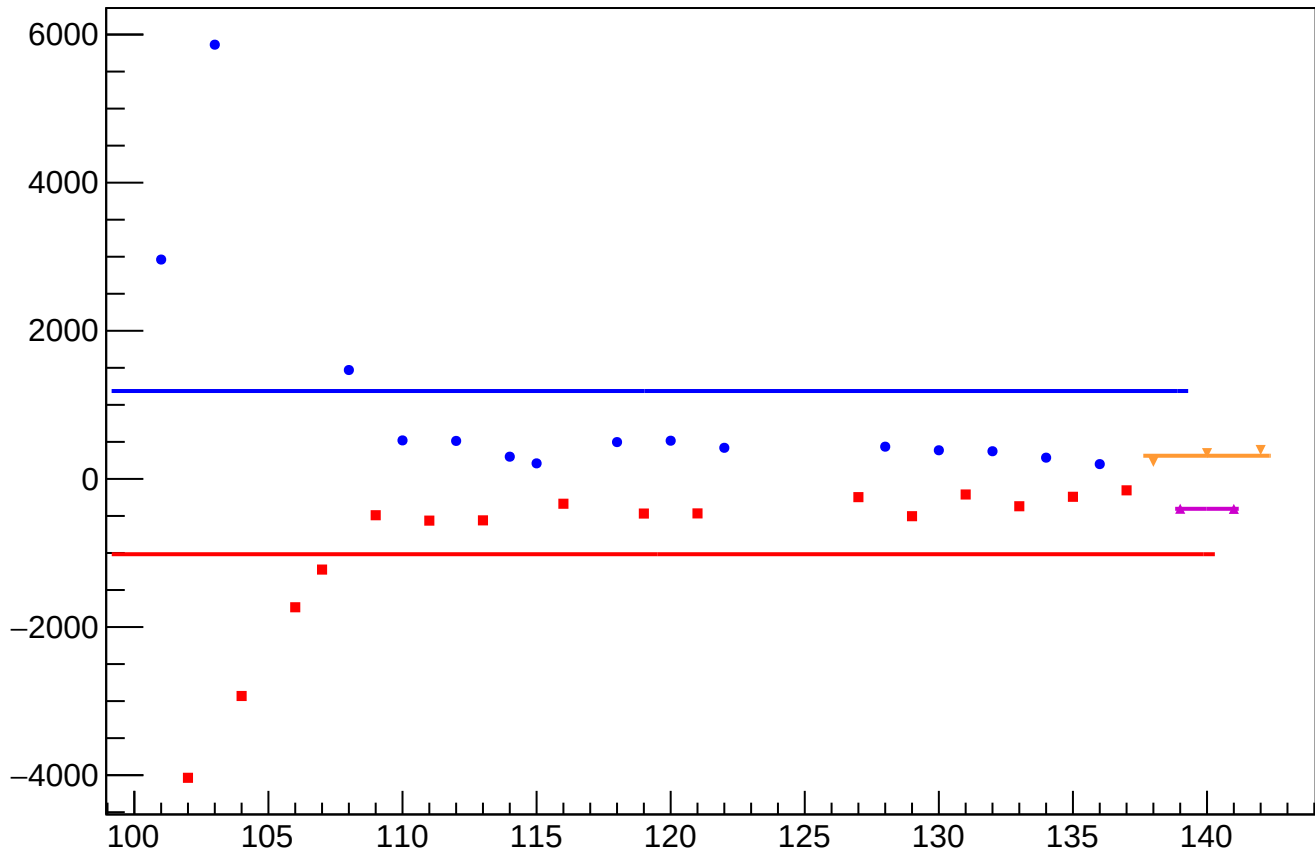
Left In: -1045.687 $\pm$ 0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam2_coil6_mean vs Slug, Sign Corrected



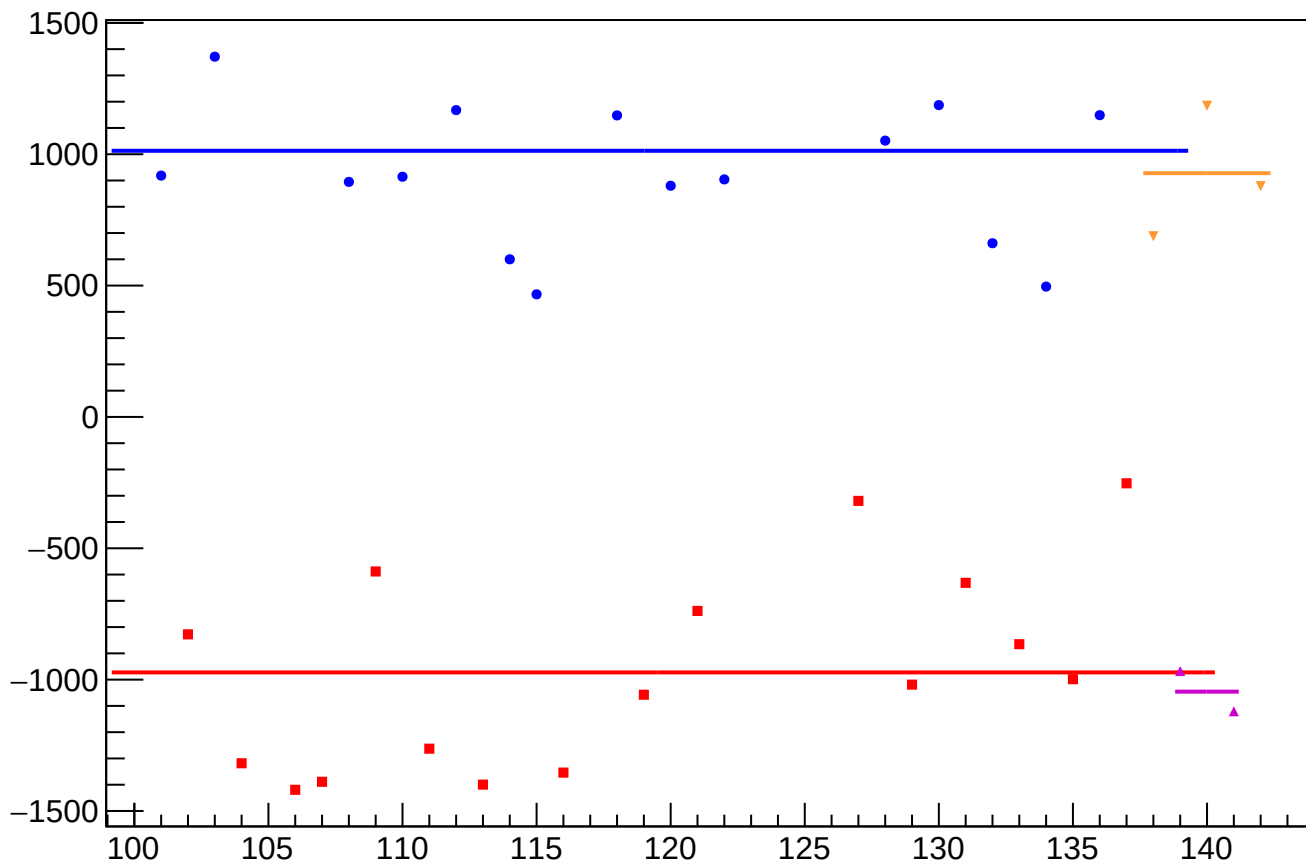
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 3334.221+/-0.000 χ^2/NDF : 84995423746758860044606354424013520896.0/2
 Right Out: -5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: -3677.355+/-0.000 χ^2/NDF : 14986613337303434487109616958194057216.0/1

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 312.839 $\pm$ 0.000 χ^2 /NDF: 909632709660625625588169650072453120.0/2
 Right Out: -1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: -403.589 $\pm$ 0.000 χ^2 /NDF: 156684777805322731597556036403200.0/1

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



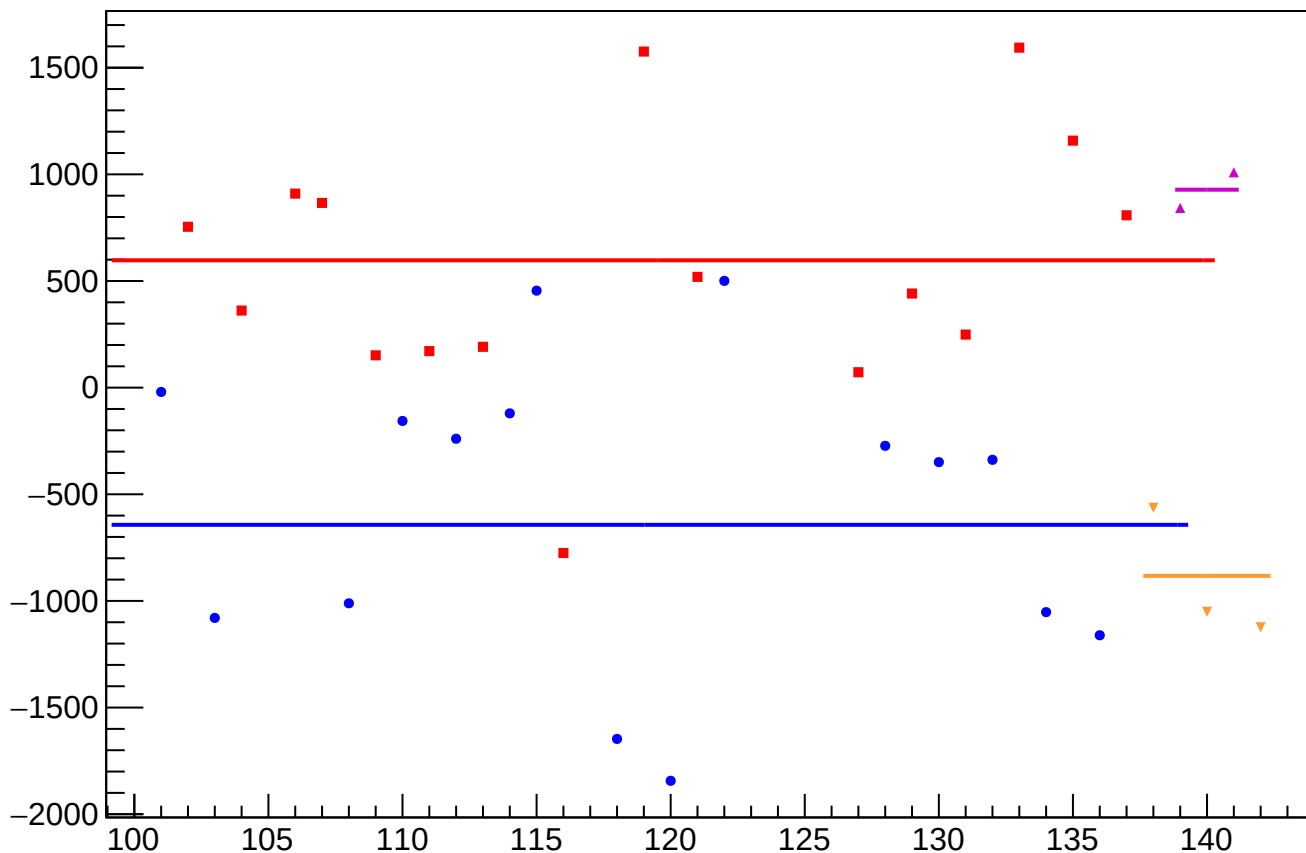
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 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_sam3_coil6_mean vs Slug, Sign Corrected



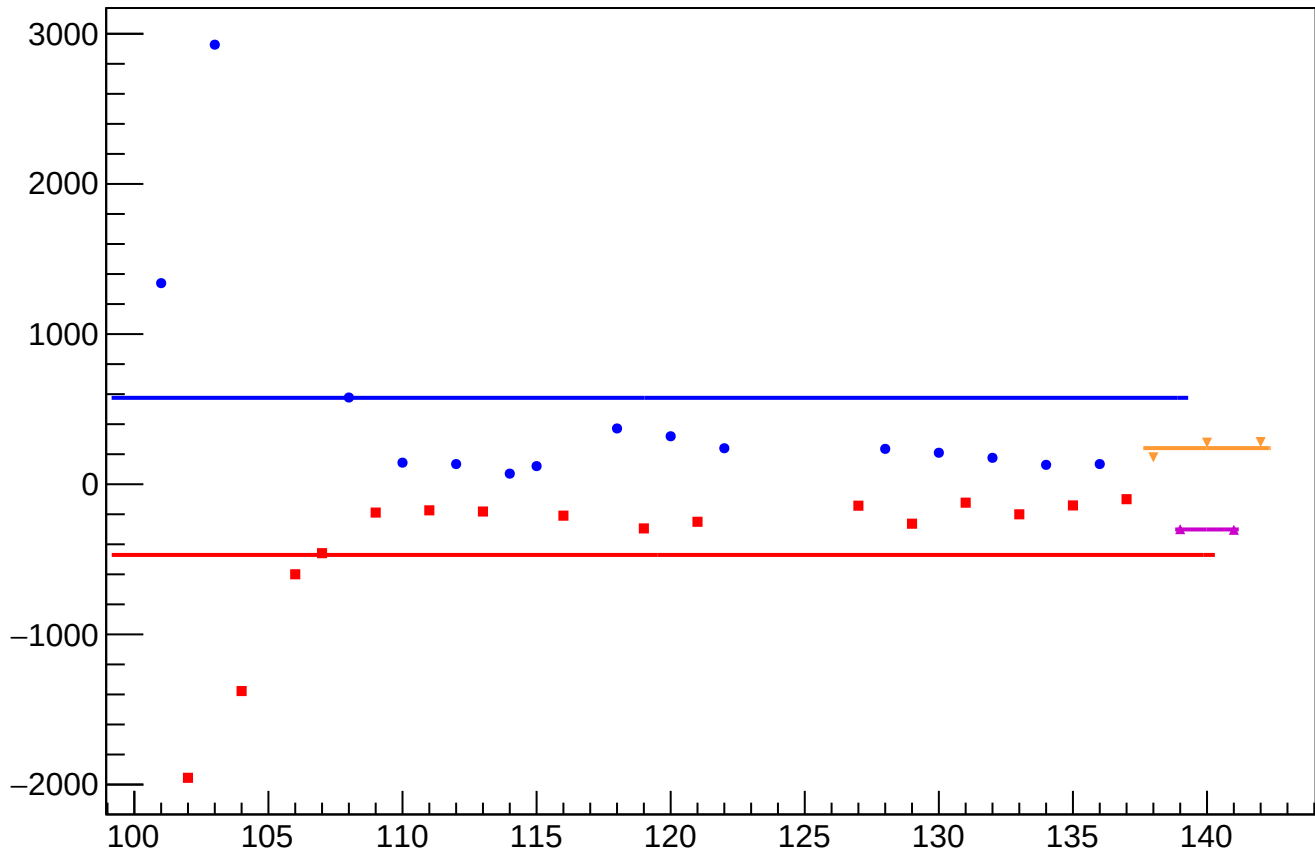
Right In: -643.217 $\pm$ 0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14

Left Out: -882.492 $\pm$ 0.000 χ^2/NDF : 12935693001993839660535943715178414080.0/2

Right Out: 597.043 $\pm$ 0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15

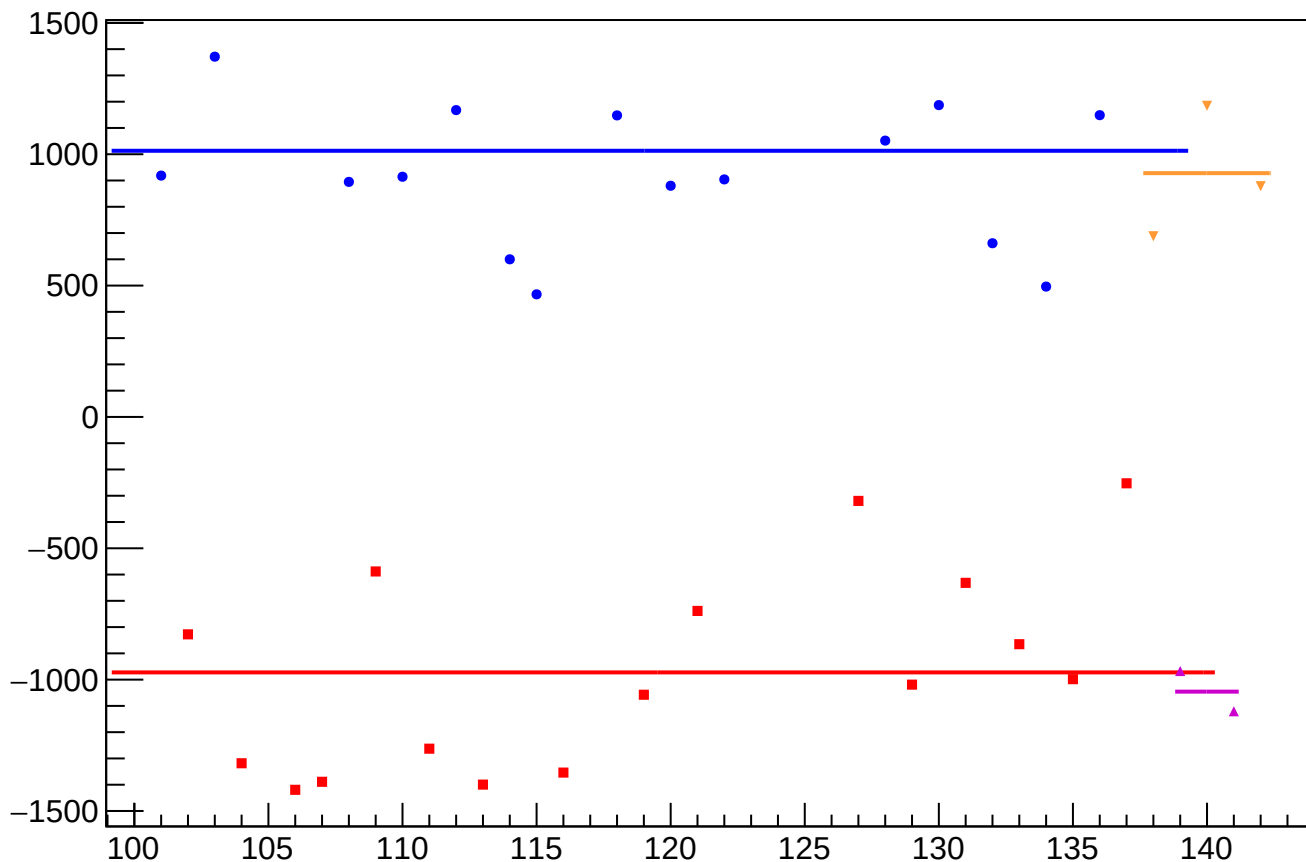
Left In: 928.091 $\pm$ 0.000 χ^2/NDF : 1155715308820282766522128025824264192.0/1

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 575.526 +/- 0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14
 Left Out: 240.663 +/- 0.000 χ^2/NDF : 476366798413406579263296913809604608.0/2
 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



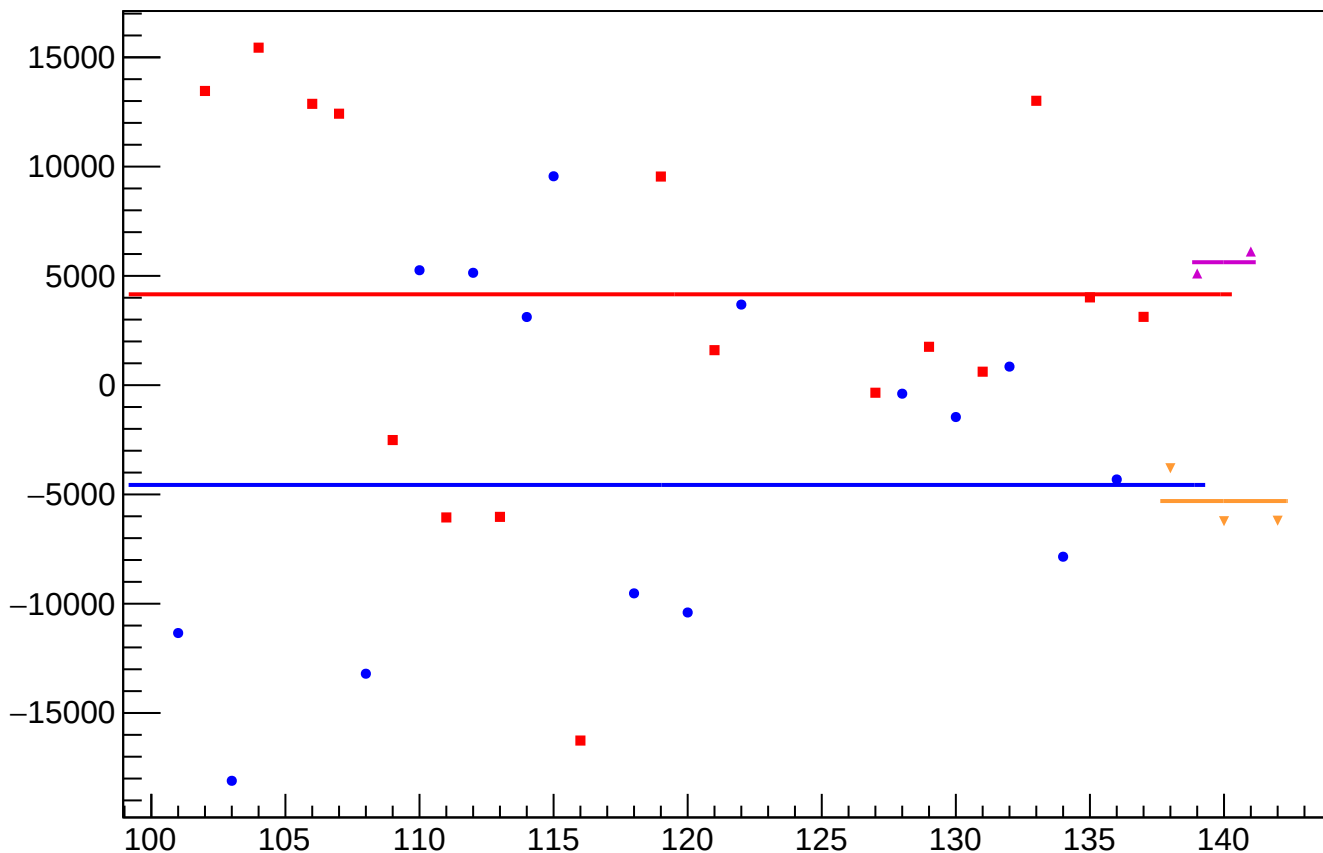
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 927.985+/-0.000 χ^2/NDF : 10009056230898065180844395181394362368.0/2

Right Out: -972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

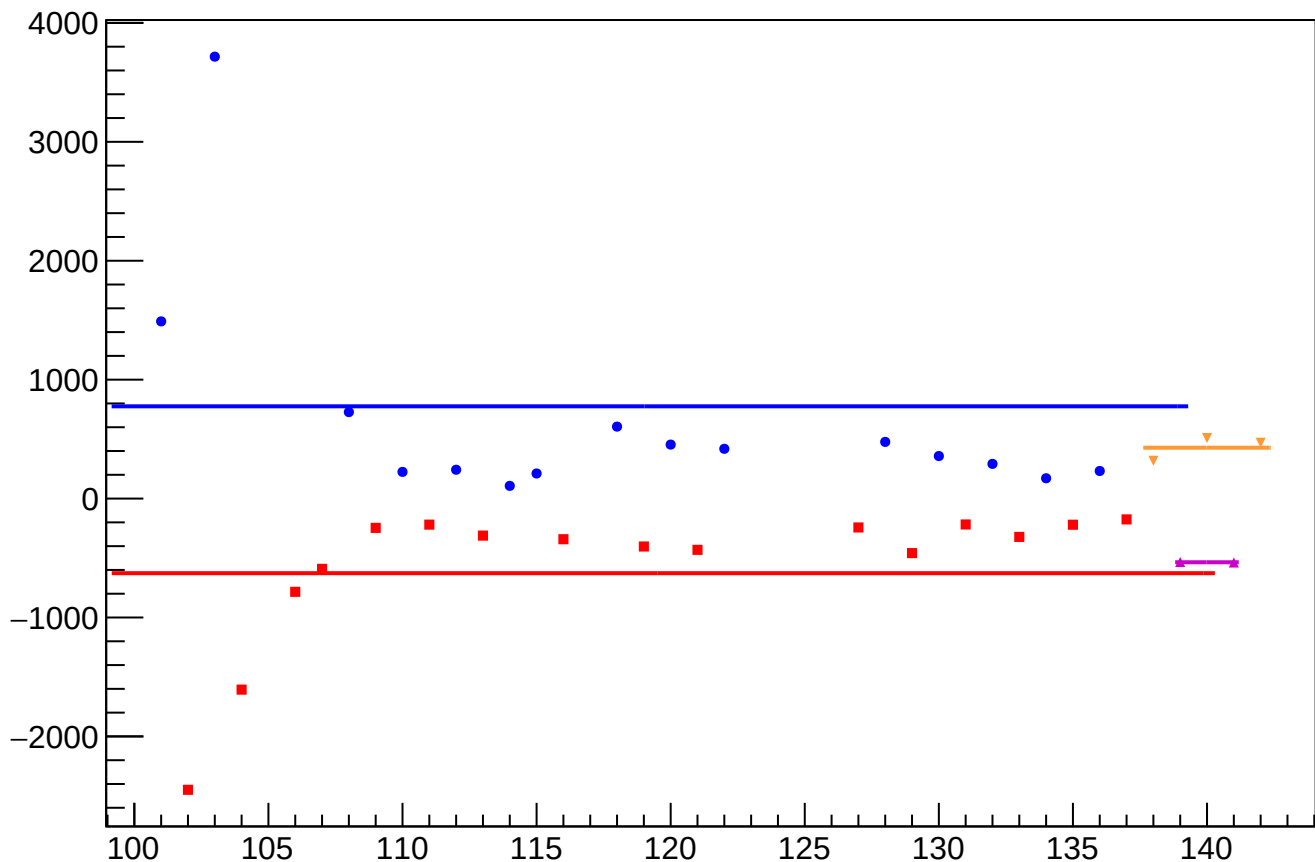
Left In: -1045.687+/-0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam4_coil6_mean vs Slug, Sign Corrected



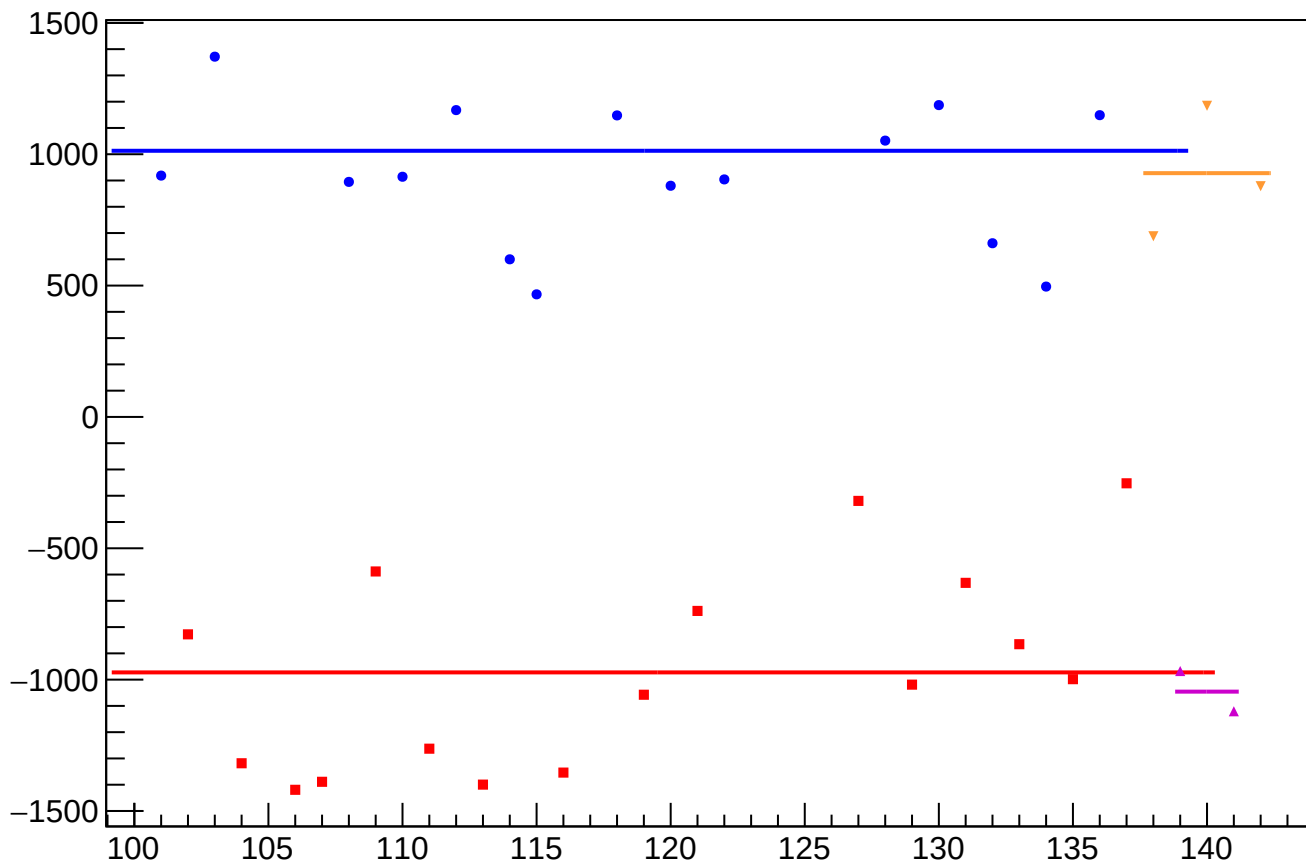
Right In: -4565.412 ± 0.000 $\chi^2/\text{NDF}: 35667768247432289984899042725155487875072.0/14$
 Left Out: -5302.411 ± 0.000 $\chi^2/\text{NDF}: 282834944510475049692035196741562138624.0/2$
 Right Out: 4156.859 ± 0.000 $\chi^2/\text{NDF}: 45539455441659927157708443099930682195968.0/15$
 Left In: 5624.795 ± 0.000 $\chi^2/\text{NDF}: 41793601664801726922382055934011637760.0/1$

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14
 Left Out: 427.702+/-0.000 χ^2/NDF : 1563901310420426440024524424352890880.0/2
 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



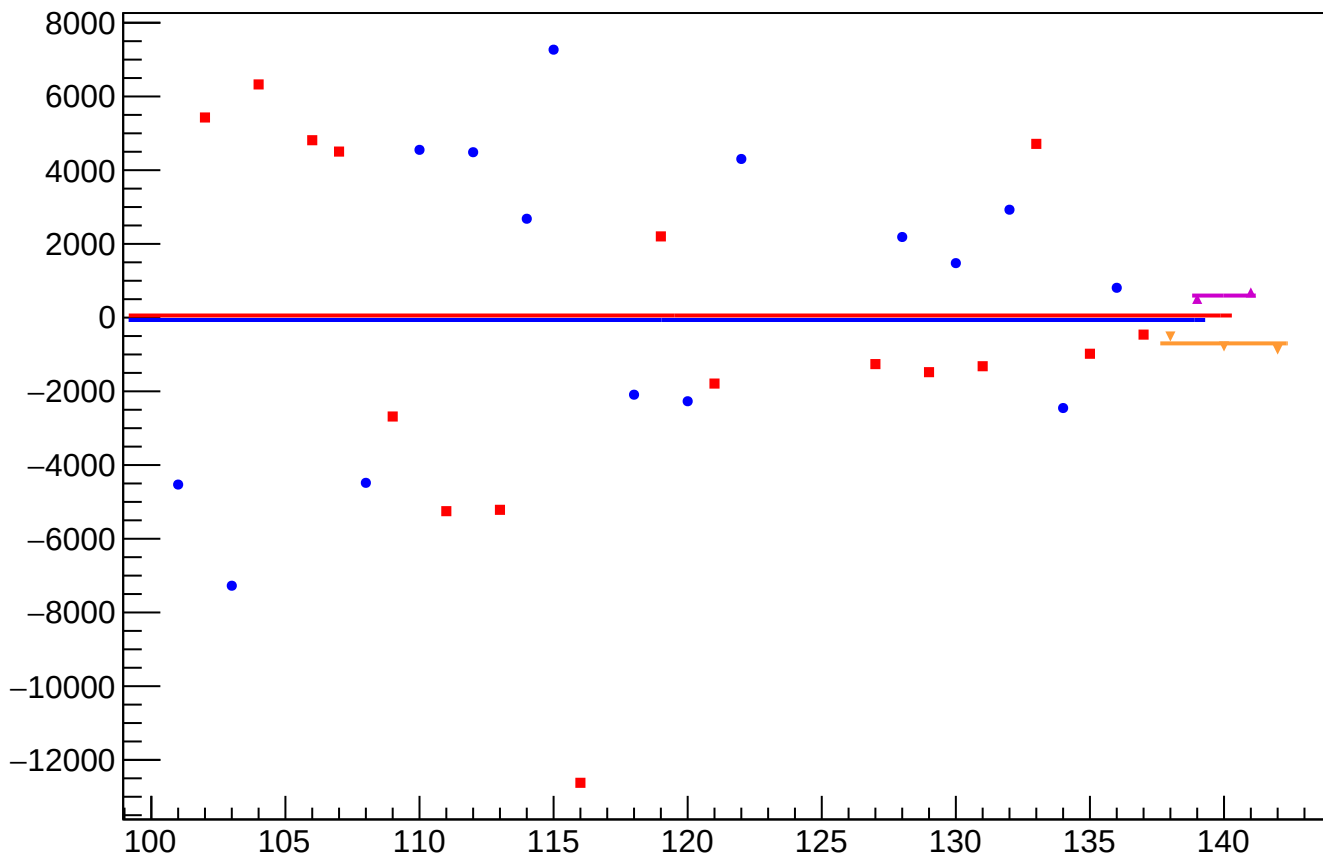
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 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_sam5_coil6_mean vs Slug, Sign Corrected



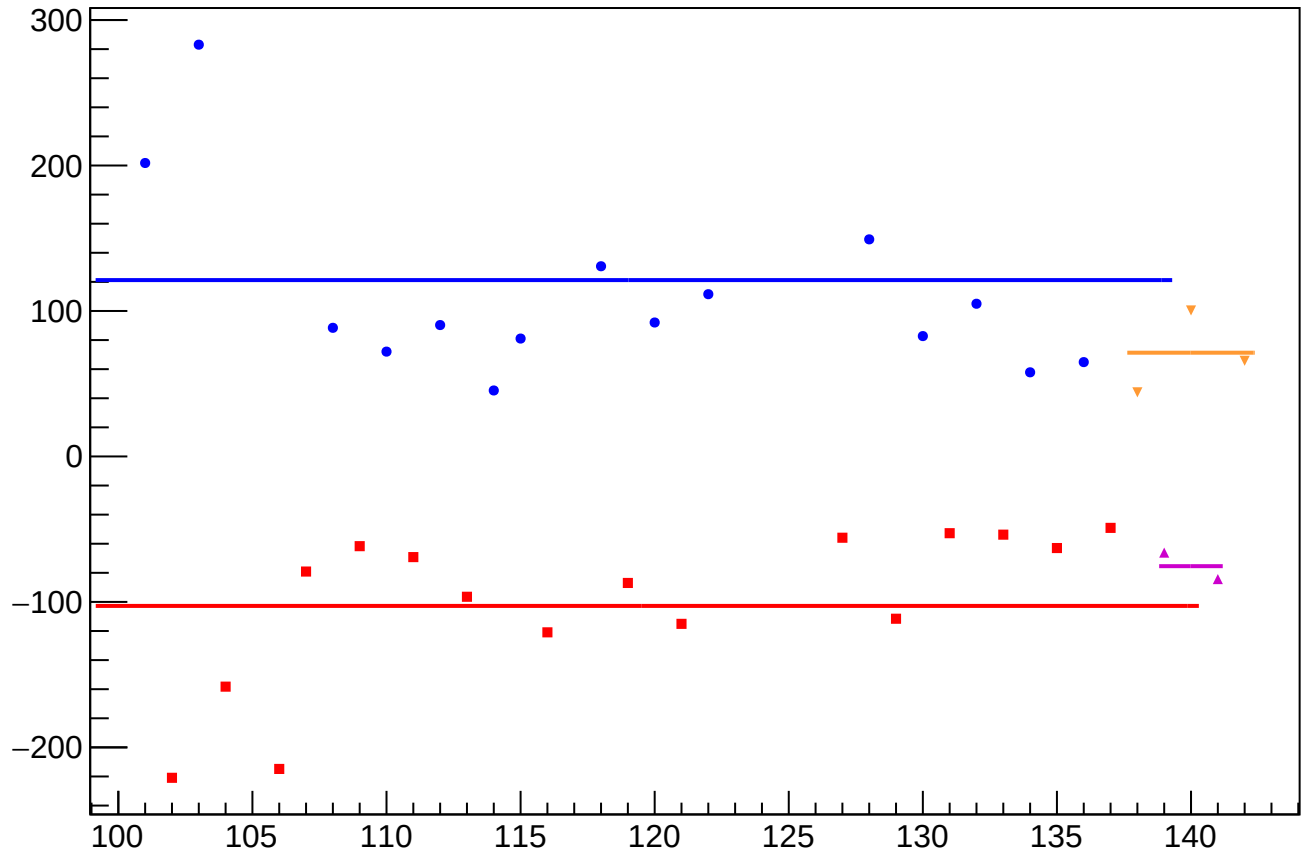
Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -699.356+/-0.000 χ^2/NDF : 4605816380634050274691767199235833856.0/2

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



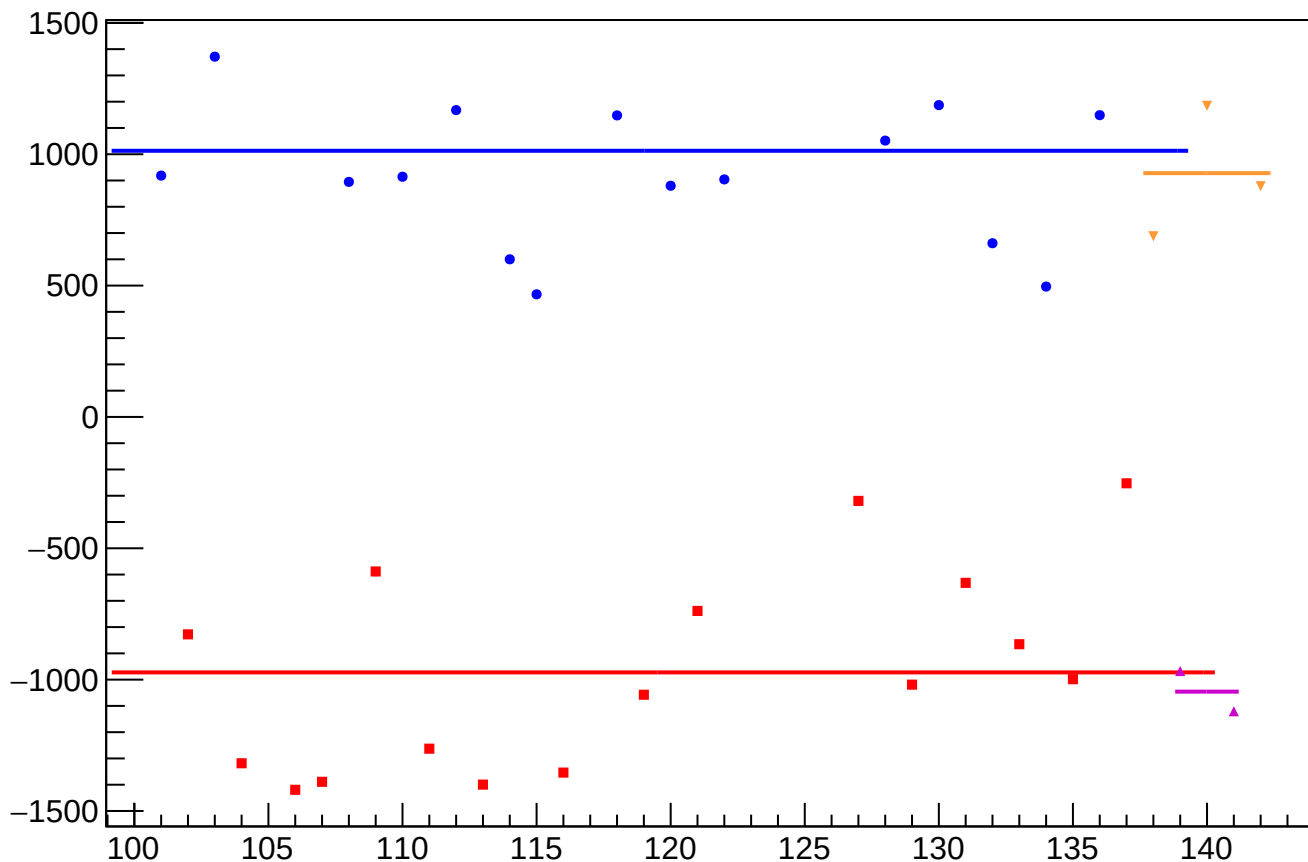
Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

Left Out: 71.322+/-0.000 χ^2/NDF : 128461678351178737133597547051352064.0/2

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



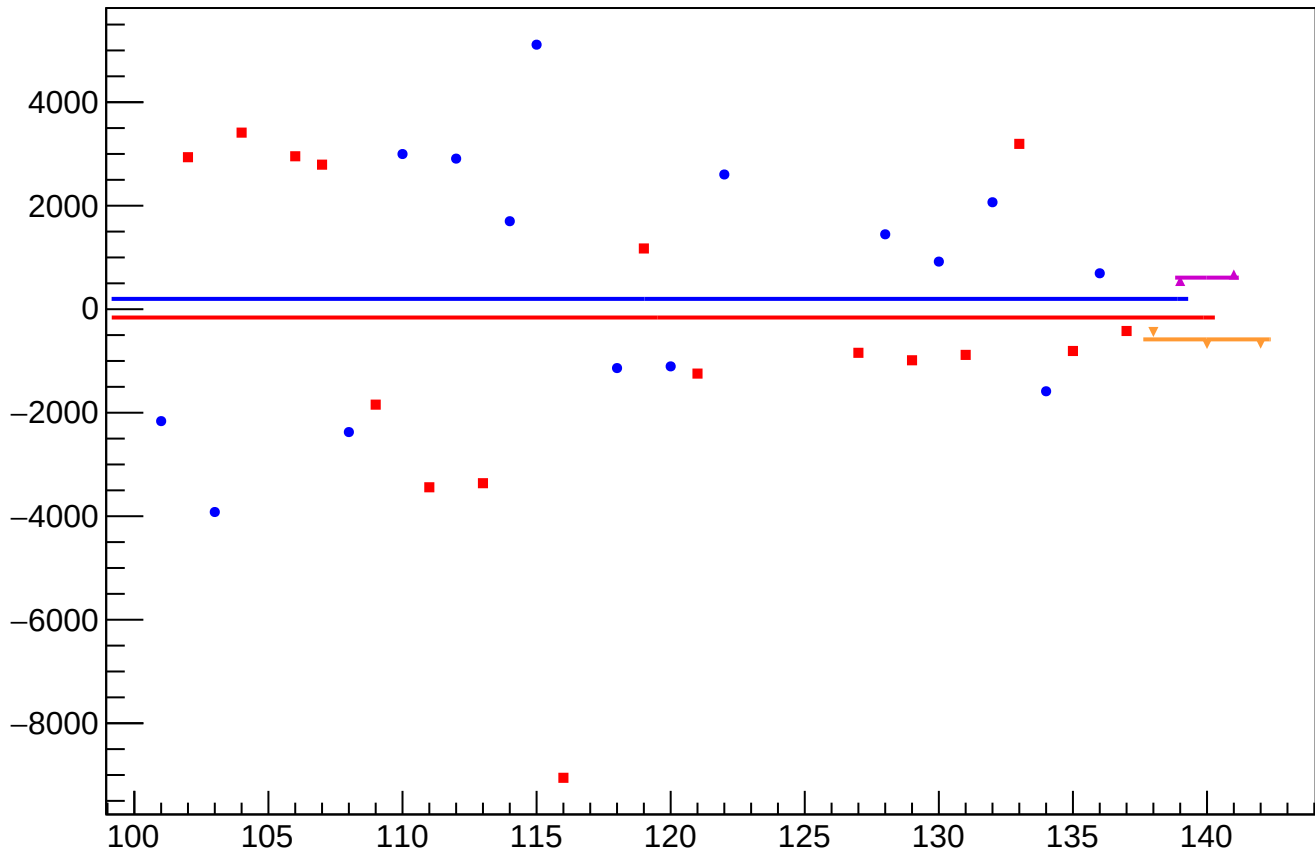
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 927.985 ± 0.000 χ^2/NDF : 10009056230898065180844395181394362368.0/2

Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

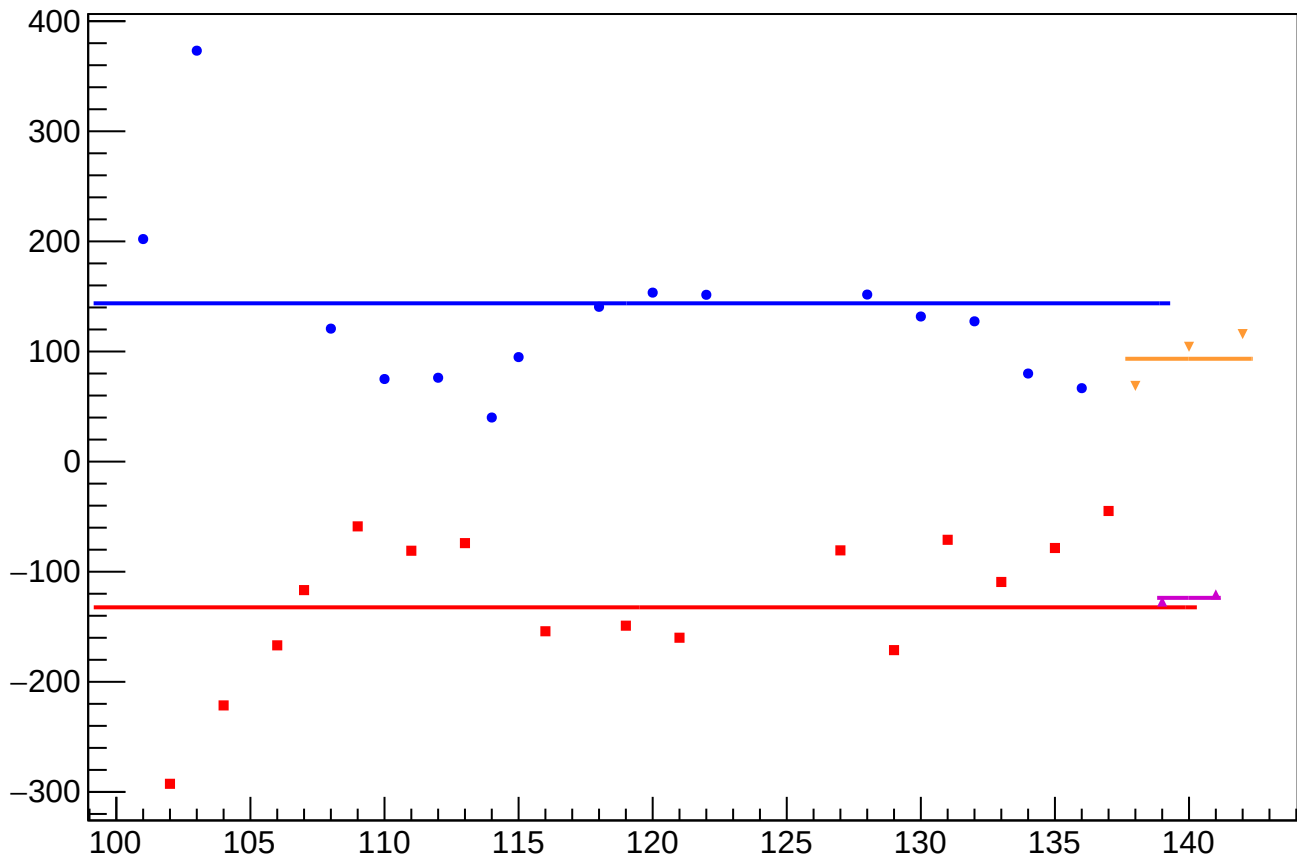
Left In: -1045.687 ± 0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 199.503 $\pm$ 0.000 χ^2 /NDF: 3268159745923533825045181664876849790976.0/14
 Left Out: -583.149 $\pm$ 0.000 χ^2 /NDF: 2562224147319933625400639081110568960.0/2
 Right Out: -160.512 $\pm$ 0.000 χ^2 /NDF: 5680576709461197901526729703706251493376.0/15
 Left In: 610.037 $\pm$ 0.000 χ^2 /NDF: 652439138250018397361792564756217856.0/1

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



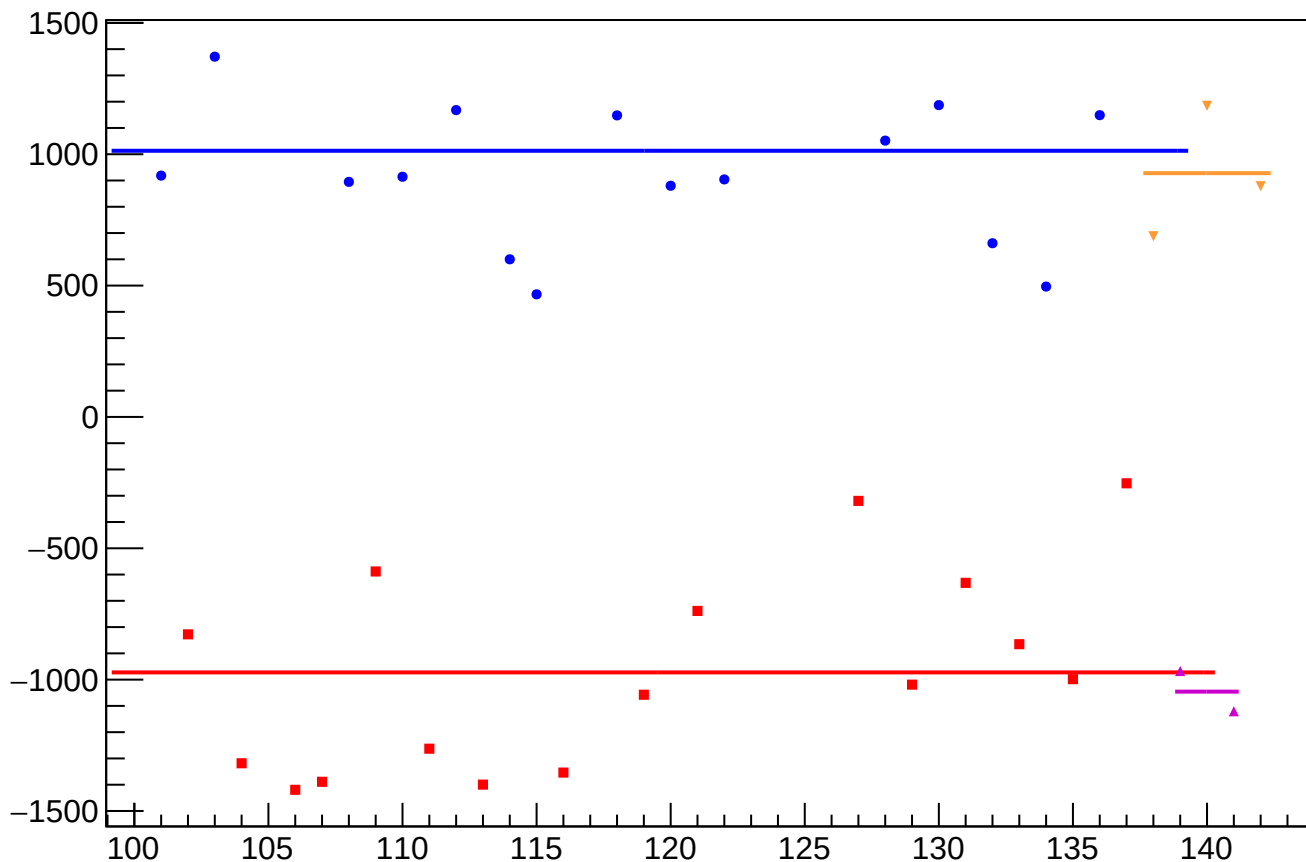
Right In: 143.764+/-0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

Left Out: 93.400+/-0.000 χ^2/NDF : 80202736592502081581154084990222336.0/2

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



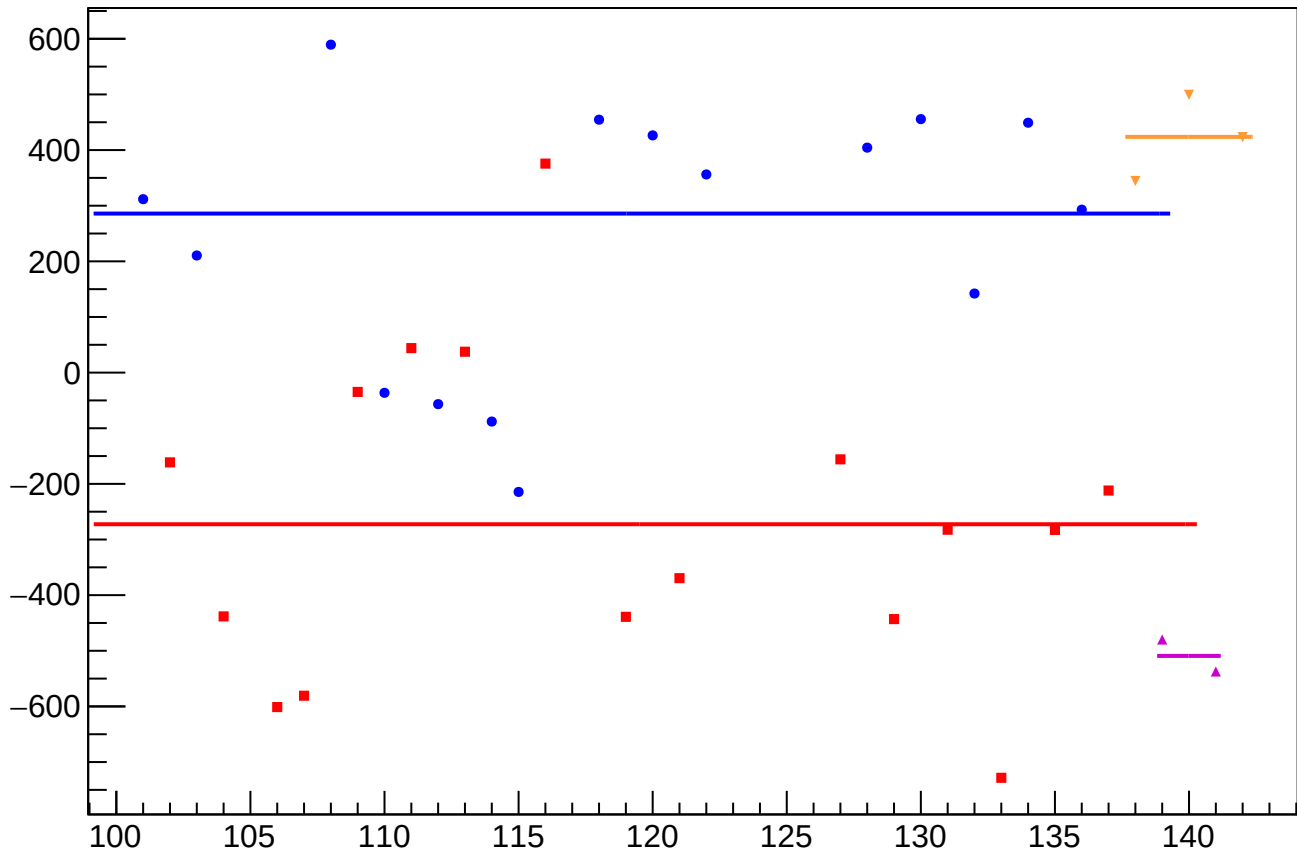
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 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_sam7_coil6_mean vs Slug, Sign Corrected



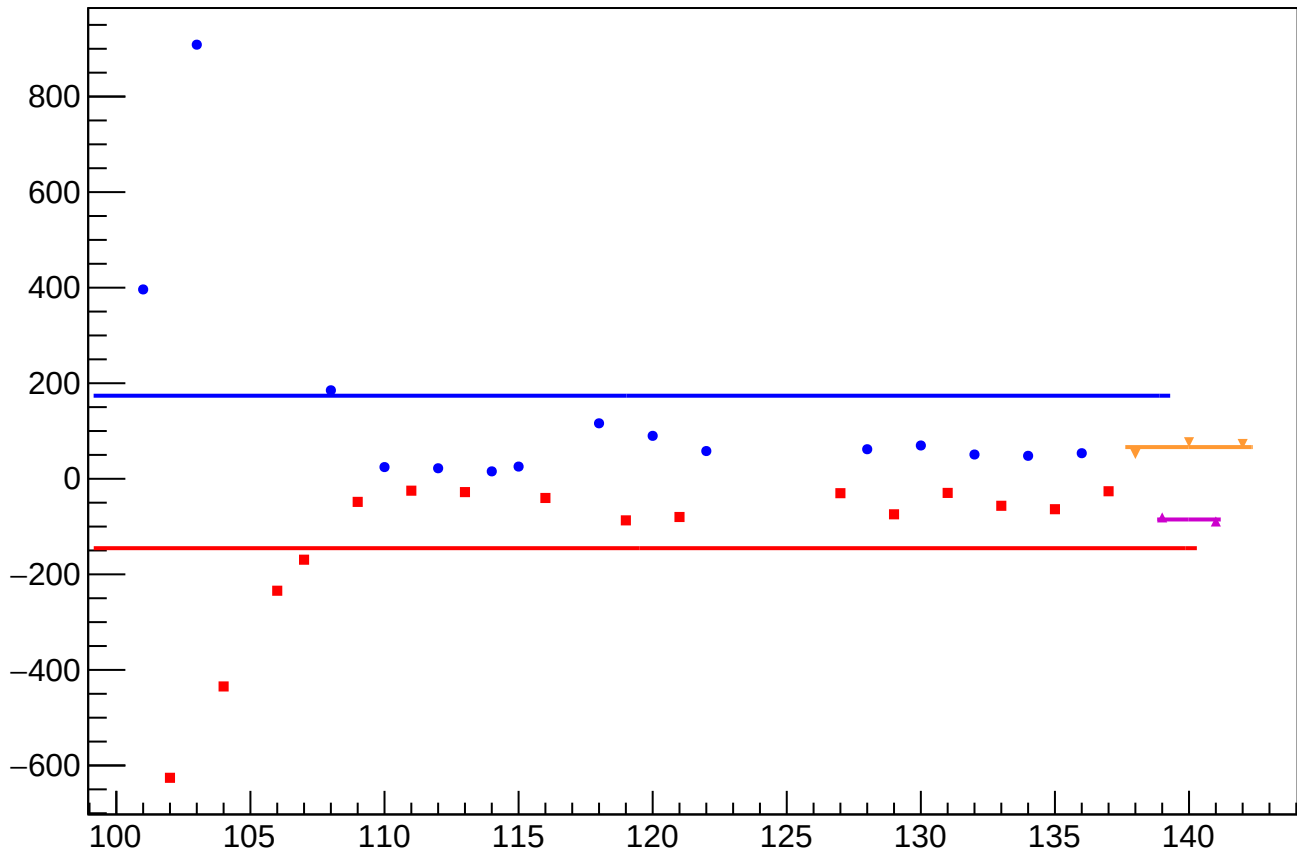
Right In: 285.856 +/- 0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

Left Out: 423.739 +/- 0.000 χ^2/NDF : 958306962393484192925736087404412928.0/2

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



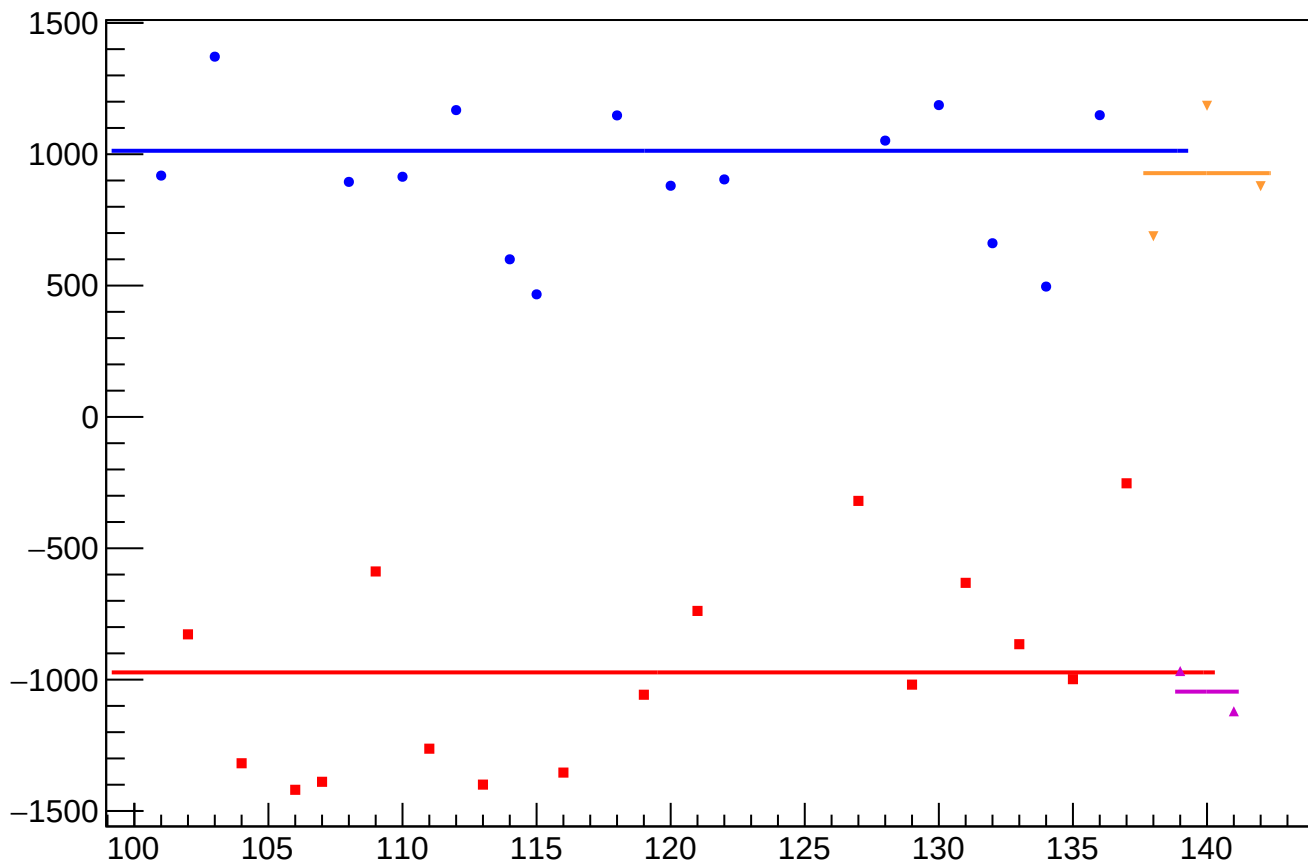
Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

Left Out: 66.368+/-0.000 χ^2/NDF : 26660558274636587561226404892770304.0/2

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



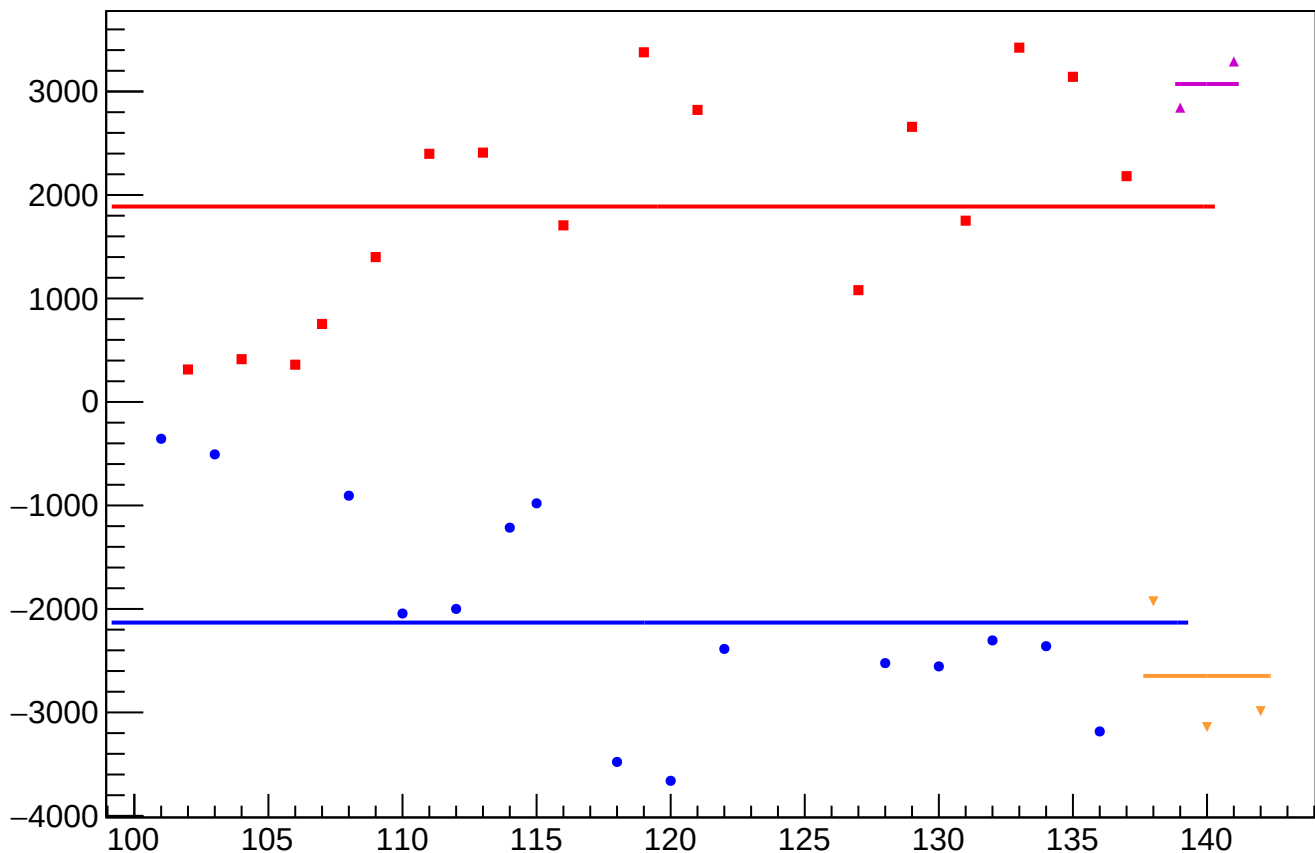
Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 927.985 ± 0.000 χ^2/NDF : 10009056230898065180844395181394362368.0/2

Right Out: -972.465 ± 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

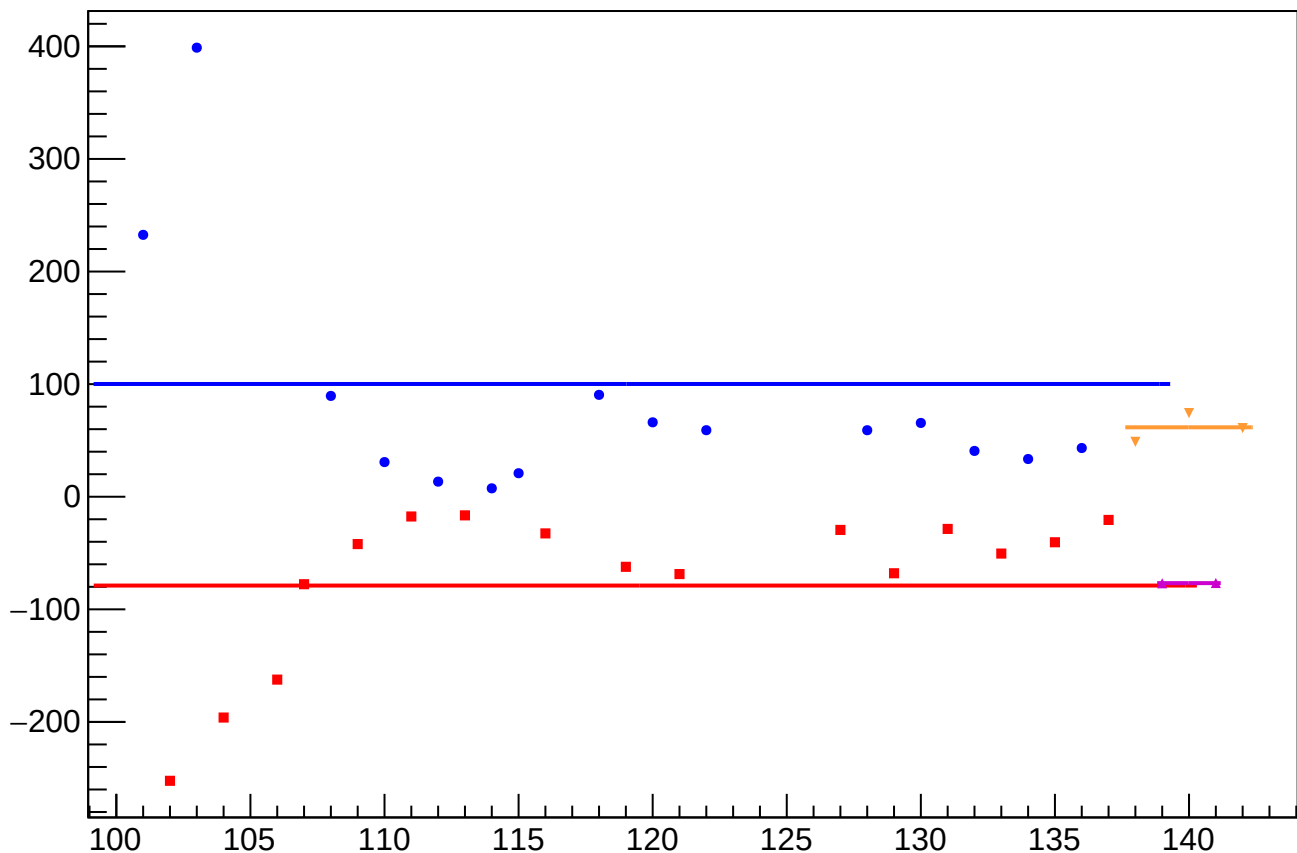
Left In: -1045.687 ± 0.000 χ^2/NDF : 972995402346633500280281572485103616.0/1

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: -2131.905 $\pm$ 0.000 χ^2 /NDF: 722433384570495071131450661983670501376.0/14
 Left Out: -2647.393 $\pm$ 0.000 χ^2 /NDF: 65878148161073612388593184136339914752.0/2
 Right Out: 1888.448 $\pm$ 0.000 χ^2 /NDF: 791986665551980691032719862611769819136.0/15
 Left In: 3072.435 $\pm$ 0.000 χ^2 /NDF: 8242333550409311036417927879118028800.0/1

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



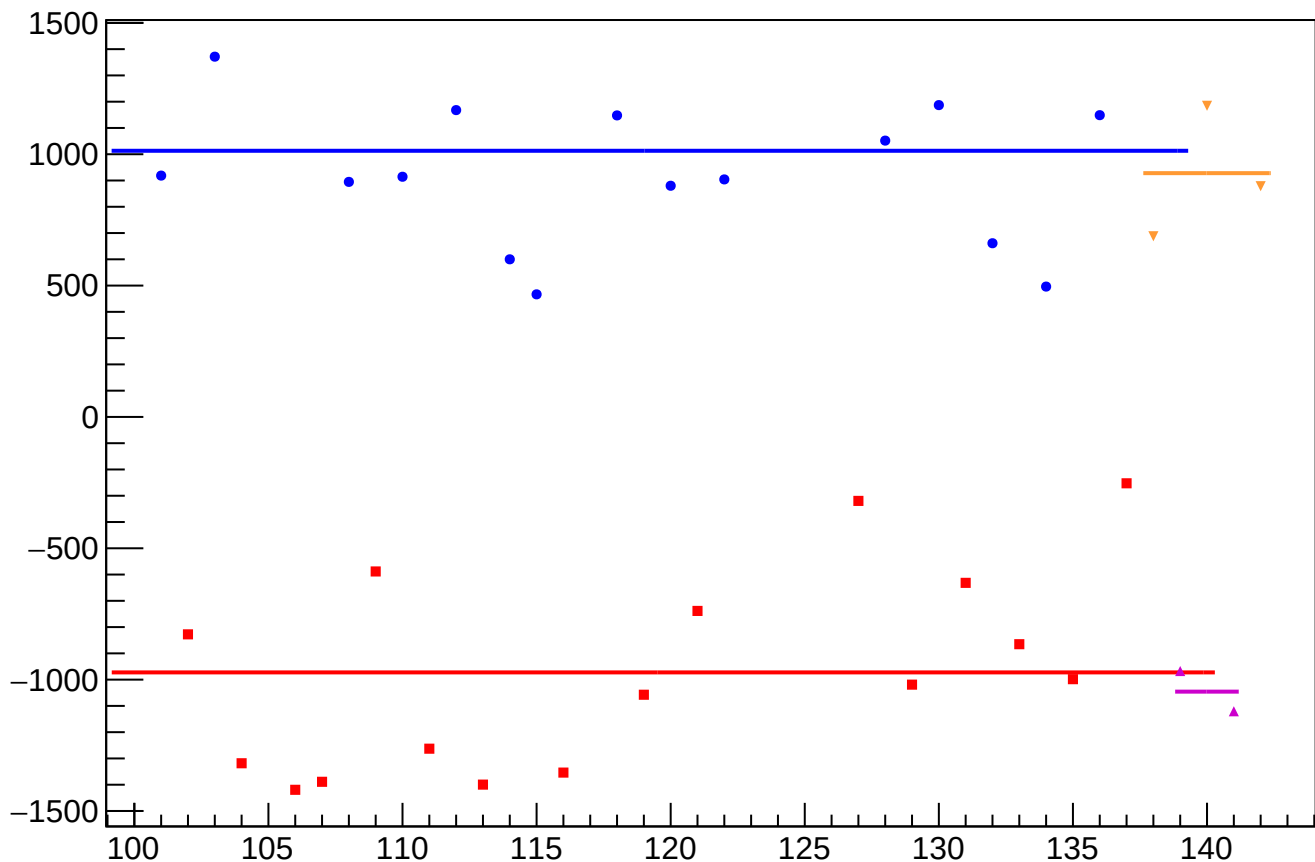
Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

Left Out: 61.657+/-0.000 χ^2/NDF : 26069543184946811922785513146155008.0/2

Right Out: -78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

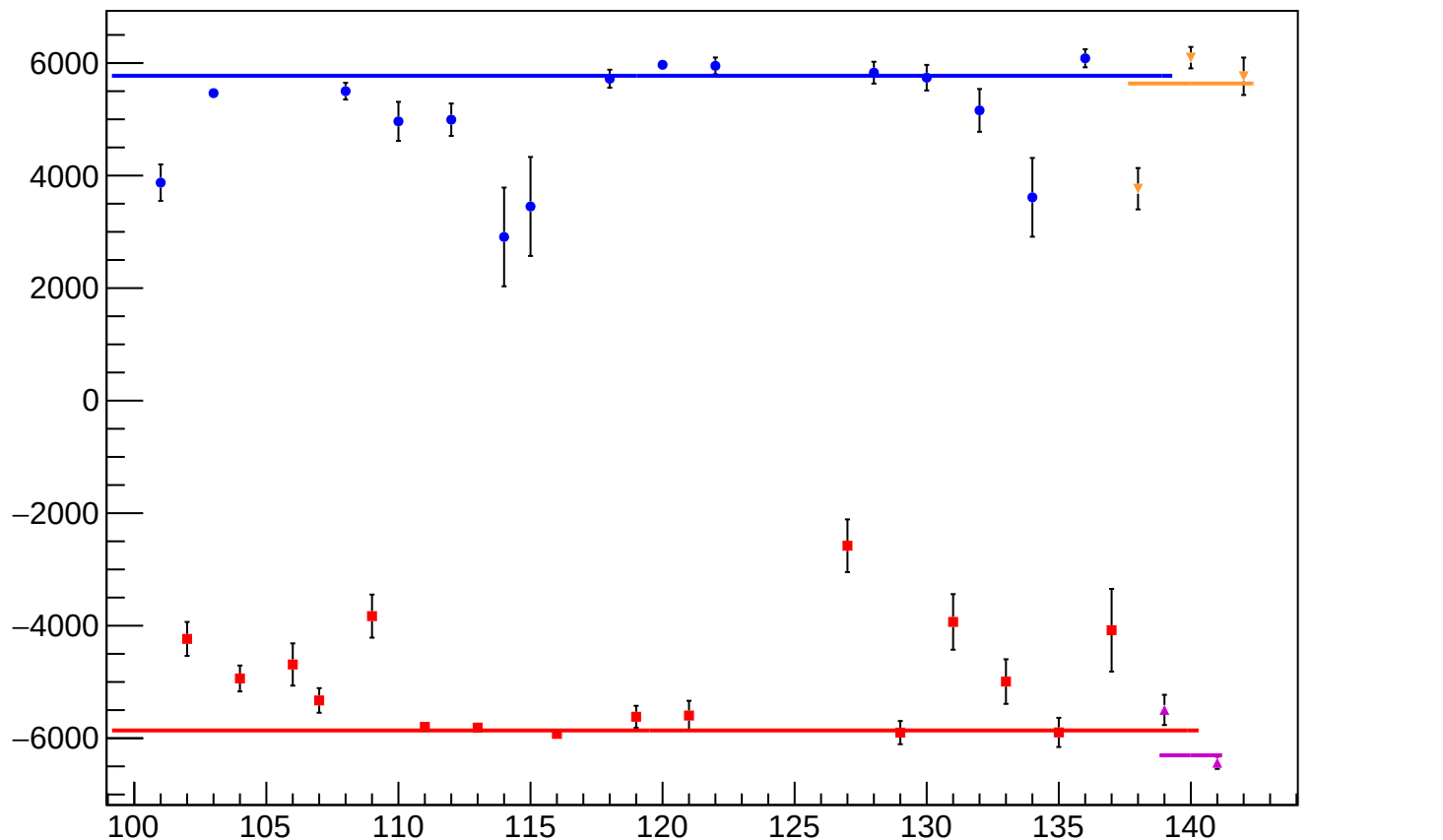
Left In: -76.731+/-0.000 χ^2/NDF : 2948472252925634504609174126592.0/1

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 1013.146 ± 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 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_run_mean vs Slug, Sign Corrected



Right In: 5774.117+/-0.181 χ^2/NDF : 1828526.5/14

Left Out: 5636.593+/-150.691 χ^2/NDF :31.9/2

Right Out: -5861.461+/-0.140 χ^2/NDF : 180020.4/15

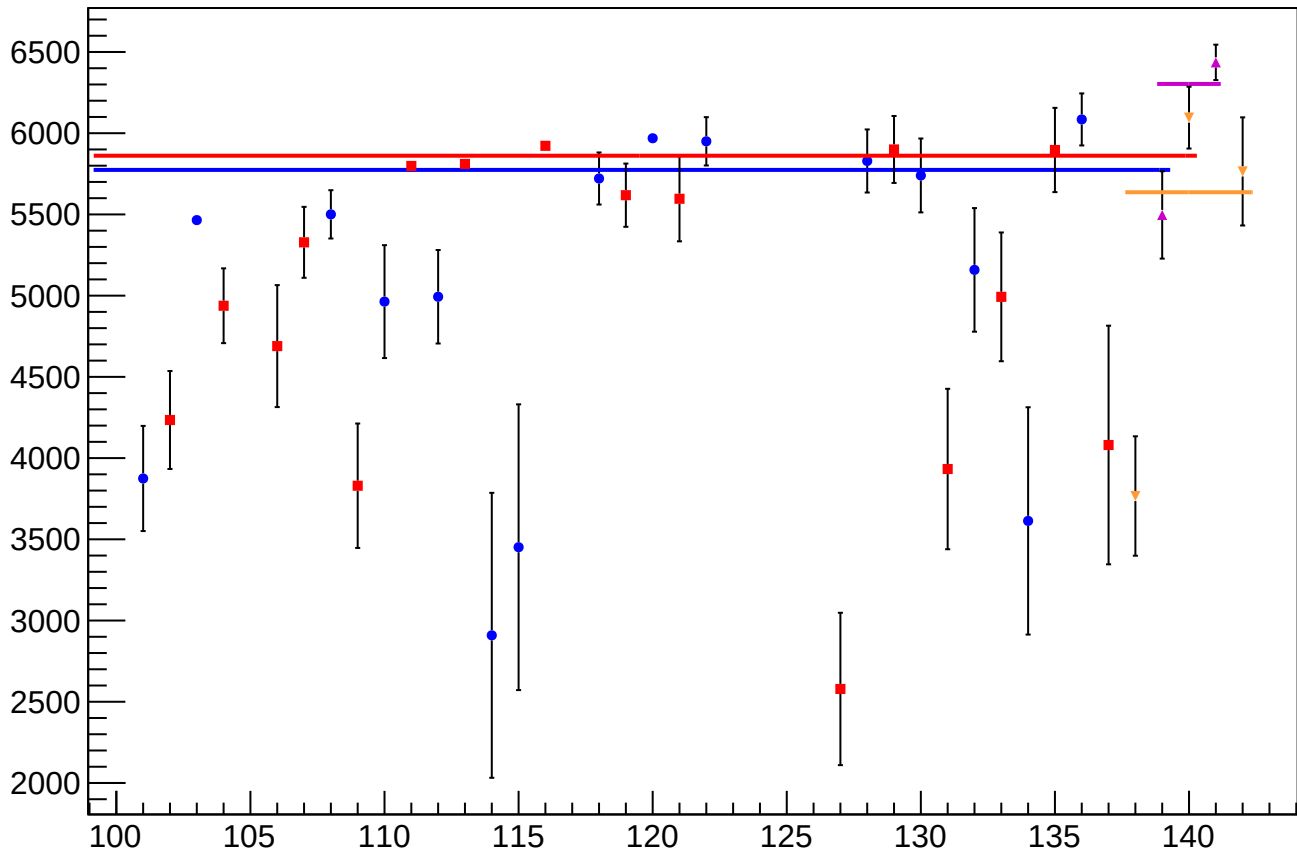
Left In: -6303.277+/-101.012 χ^2/NDF :10.5/1

5774.117+/-0.181 χ^2/NDF : 1828559.2/17

-1536.193+/-0.111 χ^2/NDF : 2585358766.

-5861.462+/-0.140 χ^2/NDF : 180050.0/17

dit_run_rms vs Slug, Sign Corrected



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 5636.593 $\pm$ 150.691 χ^2 /NDF:31.9/2

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

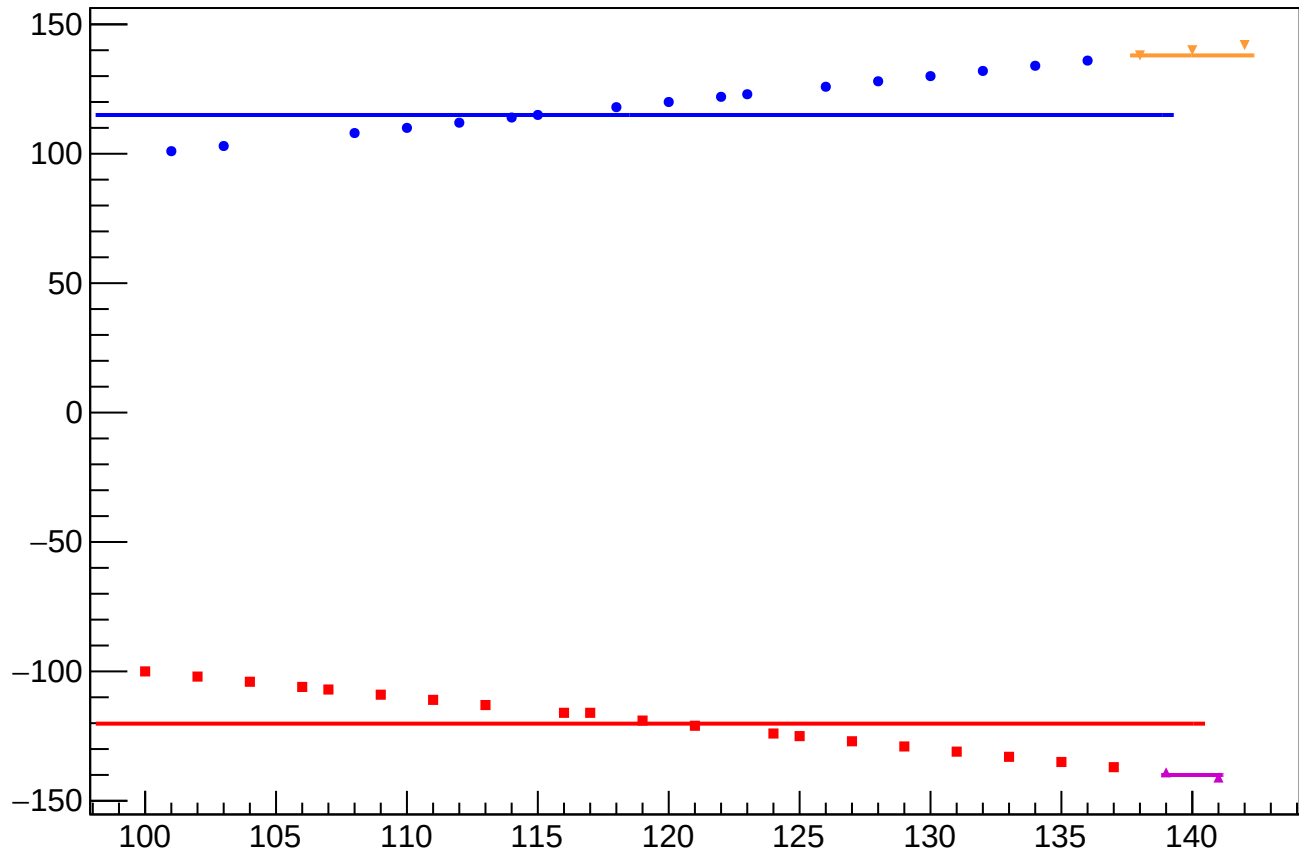
Left In: 6303.277 $\pm$ 101.012 χ^2 /NDF:10.5/1

5774.117 $\pm$ 0.181 χ^2 /NDF: 1828559.2/17

5828.993 $\pm$ 0.111 χ^2 /NDF: 2154184.4/35

5861.462 $\pm$ 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 :1141.0/2

Right Out: -120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/19

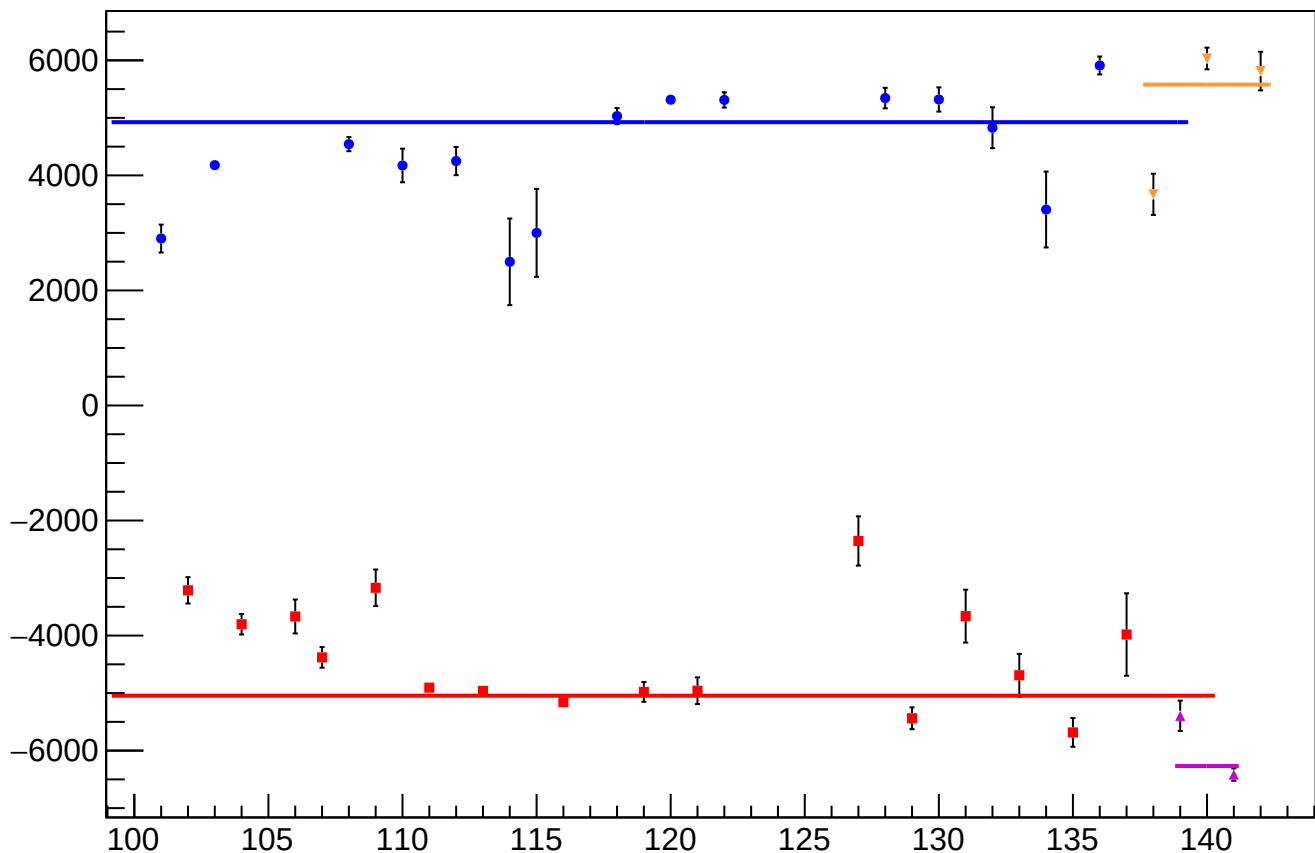
Left In: -140.024+/-0.078 χ^2/NDF :165.9/1

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: 5578.656+/-149.297 χ^2/NDF :34.7/2

Right Out: -5045.221+/-0.668 χ^2/NDF : 30179.9/15

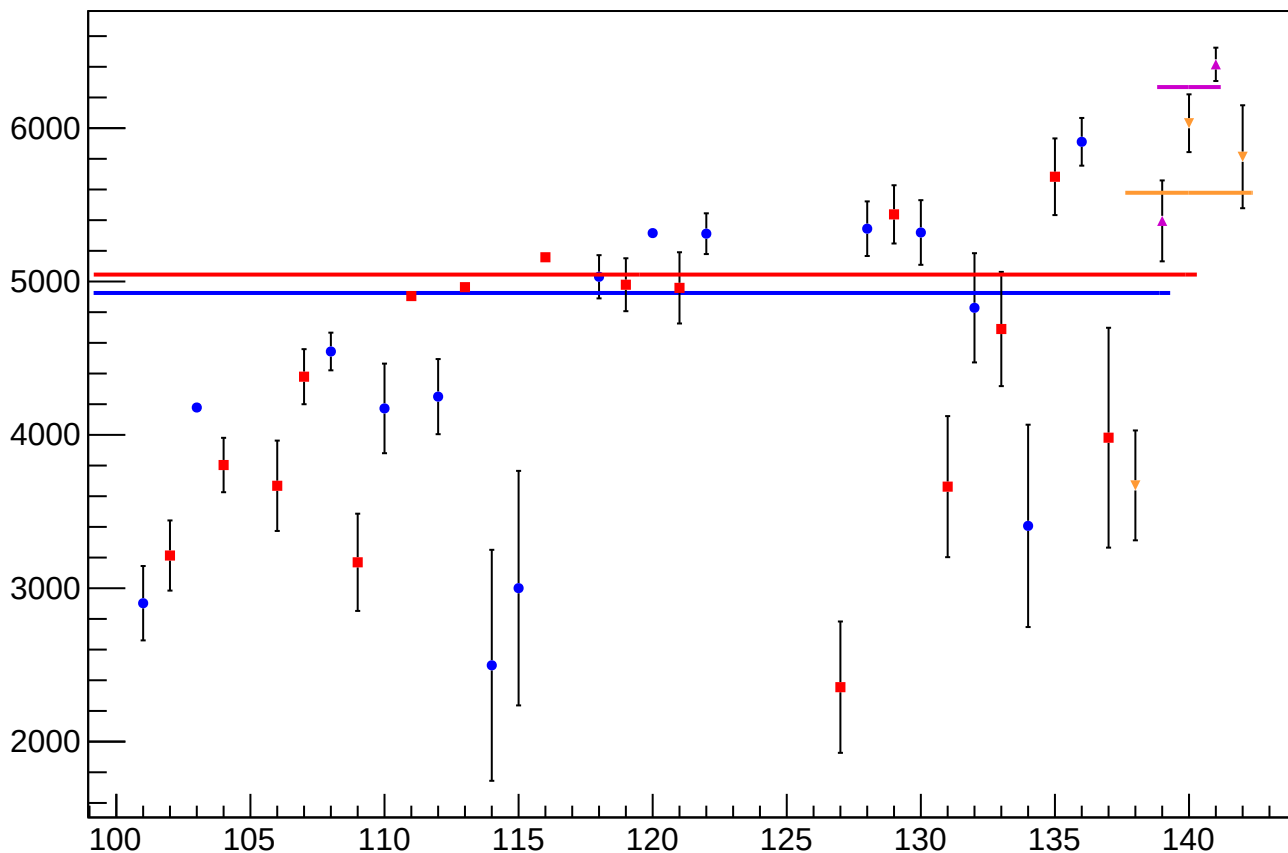
Left In: -6267.902+/-100.487 χ^2/NDF :12.8/1

4925.331+/-0.939 χ^2/NDF : 331048.4/17

-1694.548+/-0.544 χ^2/NDF : 75270774.6/1

-5045.275+/-0.668 χ^2/NDF : 30340.7/17

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 4925.305 ± 0.939 $\chi^2/\text{NDF}: 330994.6/14$

Left Out: 5578.656 ± 149.297 $\chi^2/\text{NDF}: 34.7/2$

Right Out: 5045.221 ± 0.668 $\chi^2/\text{NDF}: 30179.9/15$

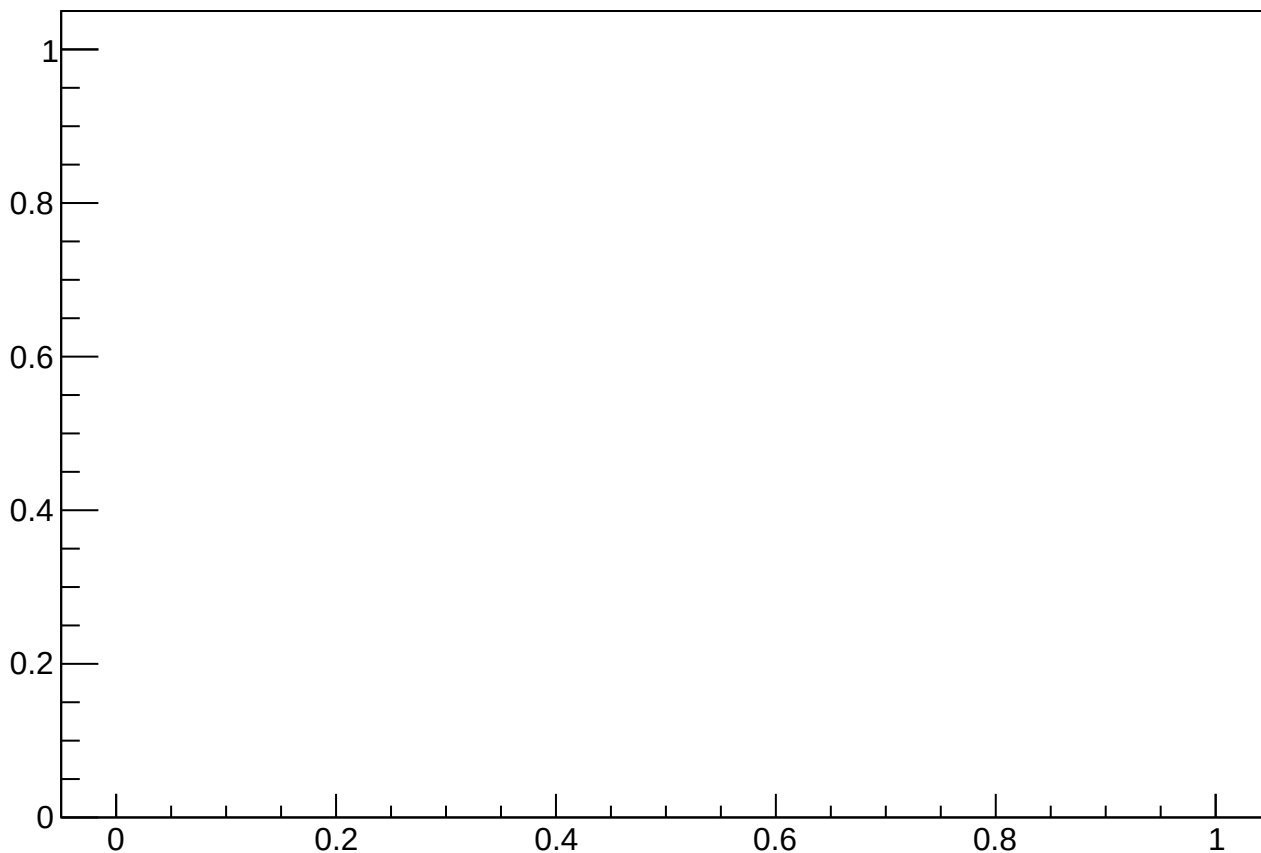
Left In: 6267.902 ± 100.487 $\chi^2/\text{NDF}: 12.8/1$

4925.331 ± 0.939 $\chi^2/\text{NDF}: 331048.4/17$

5004.967 ± 0.544 $\chi^2/\text{NDF}: 372229.6/35$

5045.275 ± 0.668 $\chi^2/\text{NDF}: 30340.7/17$

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

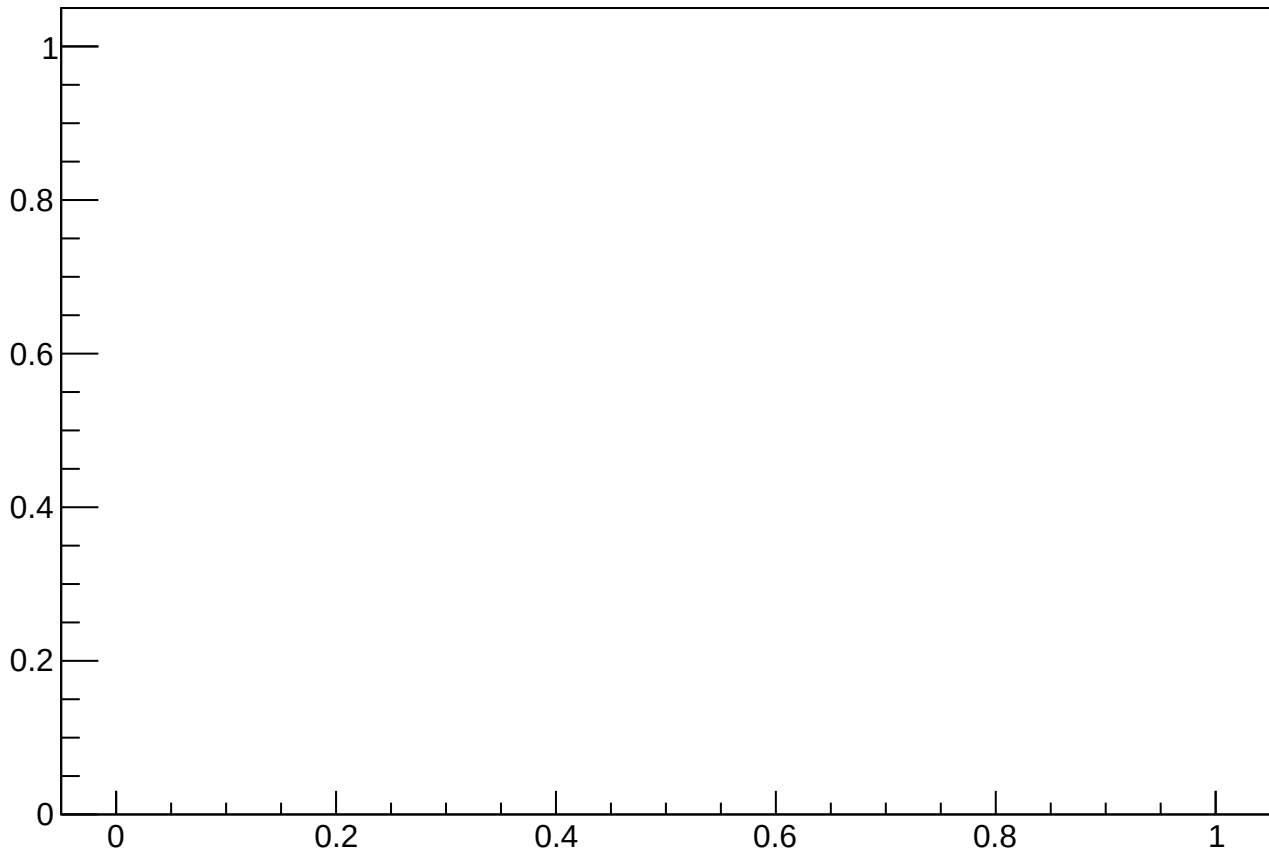
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

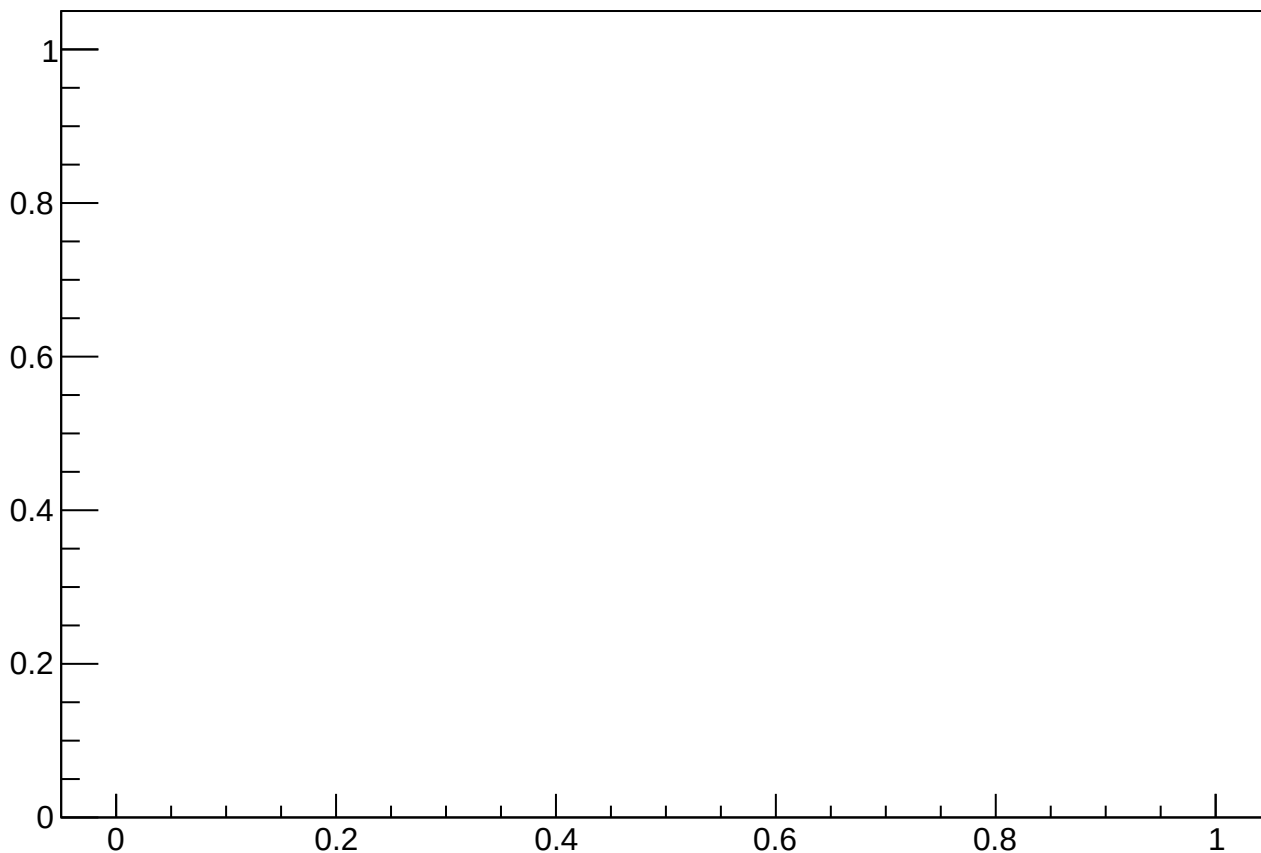
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

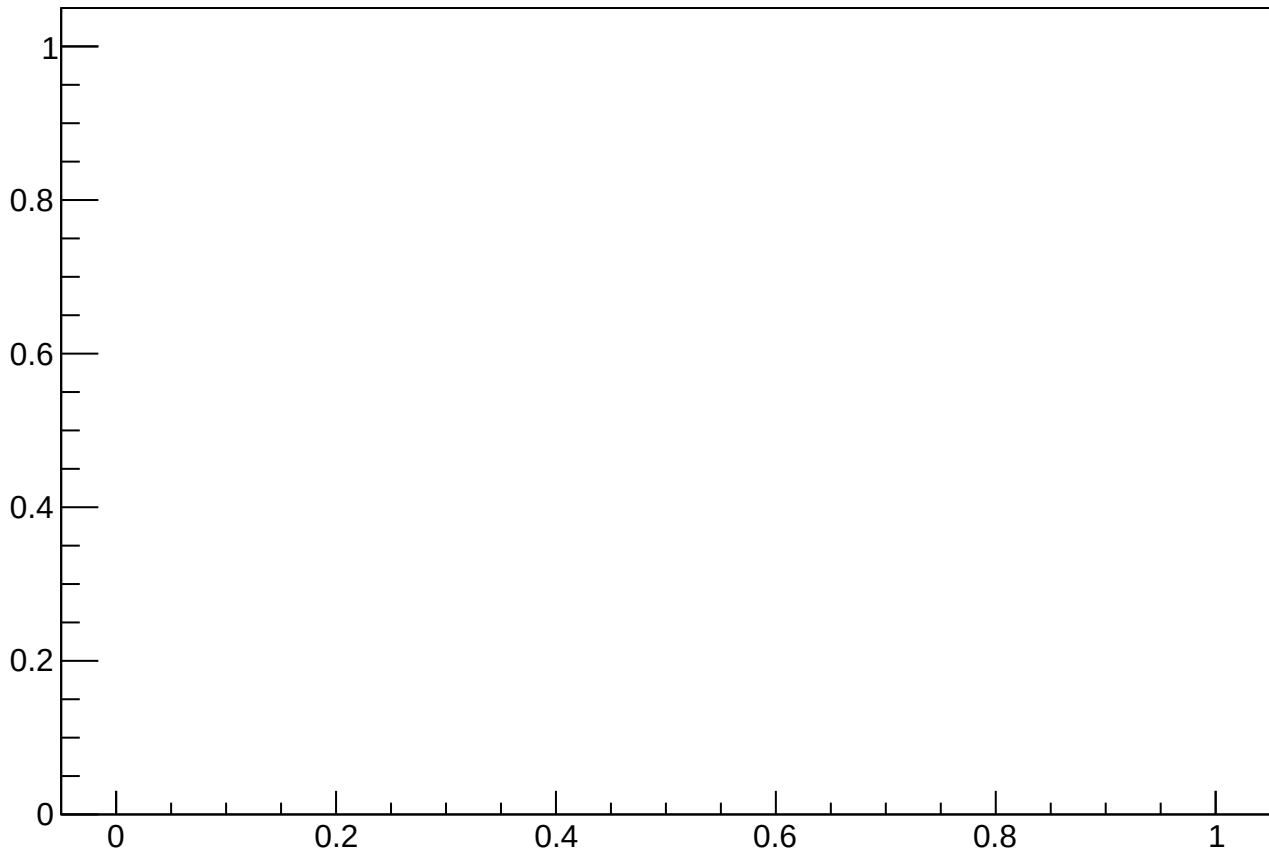
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

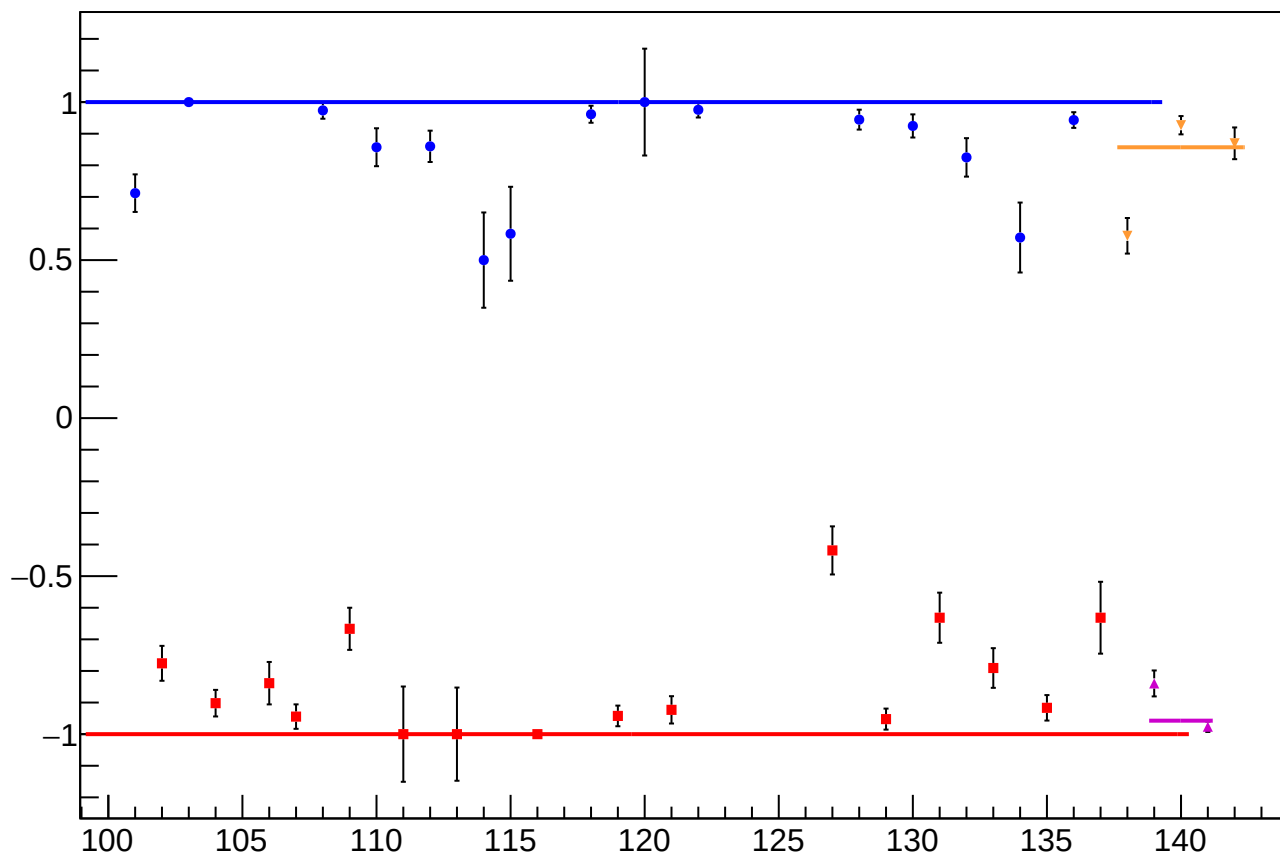
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 ± 0.000 $\chi^2/\text{NDF}: 95.9/14$

Left Out: 0.857 ± 0.023 $\chi^2/\text{NDF}: 30.6/2$

Right Out: -1.000 ± 0.000 $\chi^2/\text{NDF}: 168.9/15$

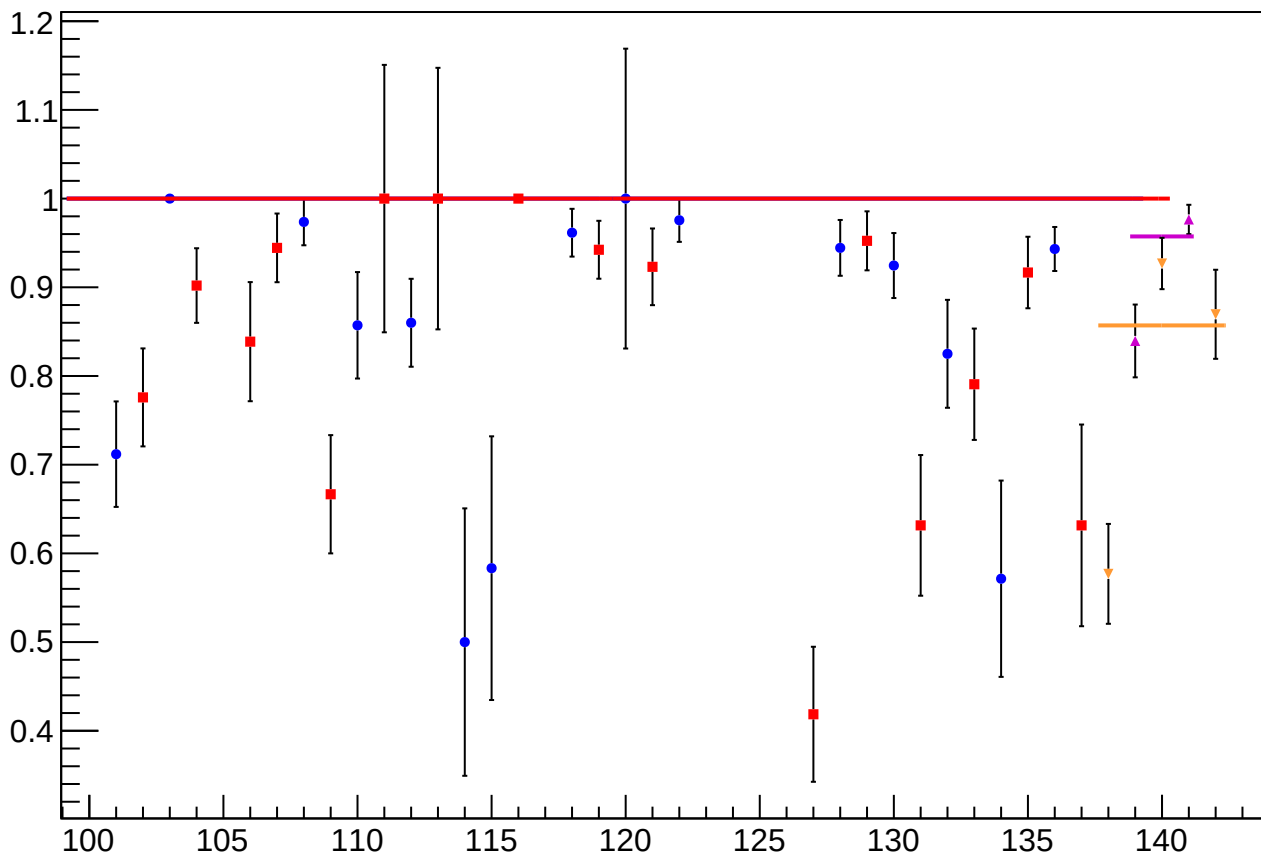
Left In: -0.957 ± 0.015 $\chi^2/\text{NDF}: 9.6/1$

1.000 ± 0.000 $\chi^2/\text{NDF}: 165.5/17$

0.398 ± 0.000 $\chi^2/\text{NDF}: 14173250084479$

-1.000 ± 0.000 $\chi^2/\text{NDF}: 186.2/17$

dit_flag_rms vs Slug, Sign Corrected



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 0.857 $\pm$ 0.023 χ^2 /NDF:30.6/2

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

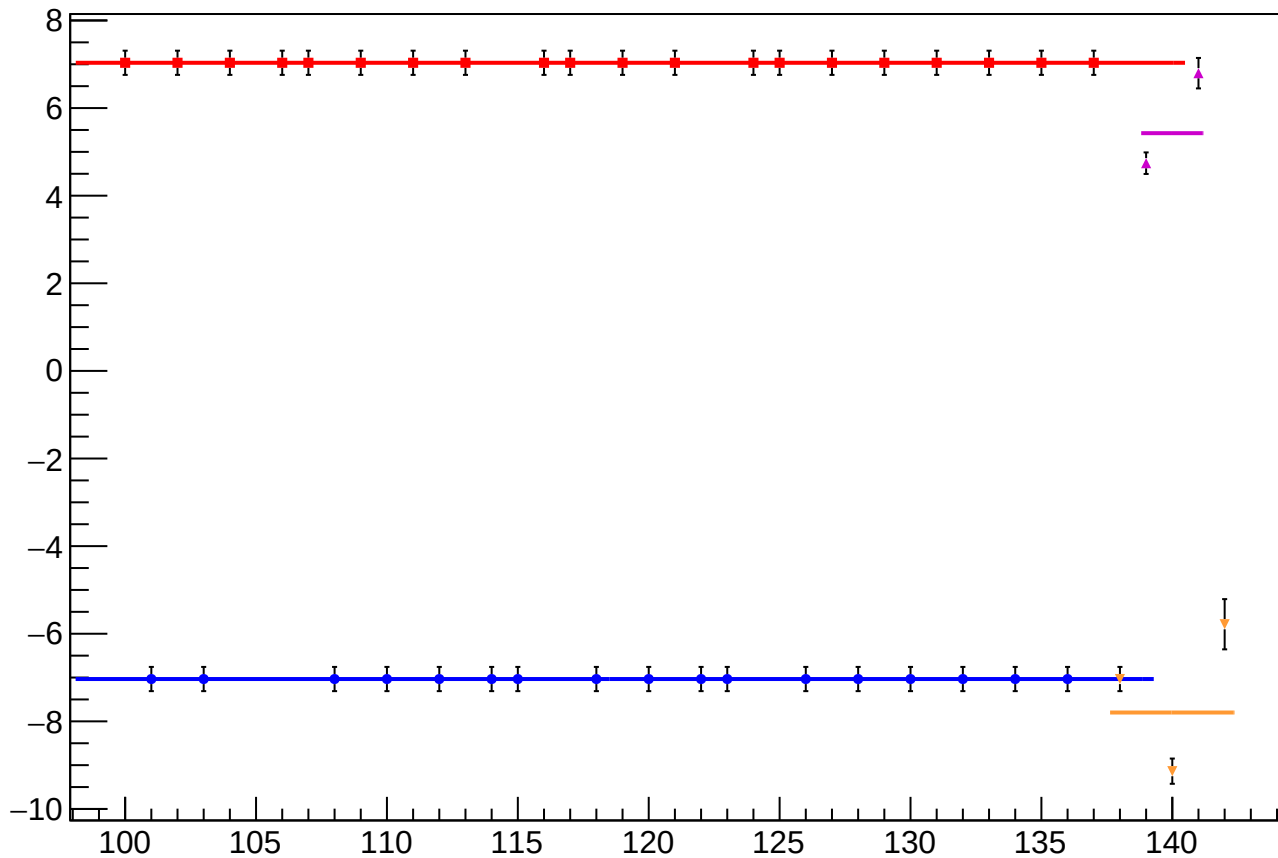
Left In: 0.957 $\pm$ 0.015 χ^2 /NDF:9.6/1

1.000 $\pm$ 0.000 χ^2 /NDF: 165.5/17

1.000 $\pm$ 0.000 χ^2 /NDF: 434.7/35

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 $\pm$ 0.067 χ^2/NDF : 0.0/16

Left Out: -7.798 $\pm$ 0.188 χ^2/NDF : 41.6/2

Right Out: 7.034 $\pm$ 0.062 χ^2/NDF : 0.0/19

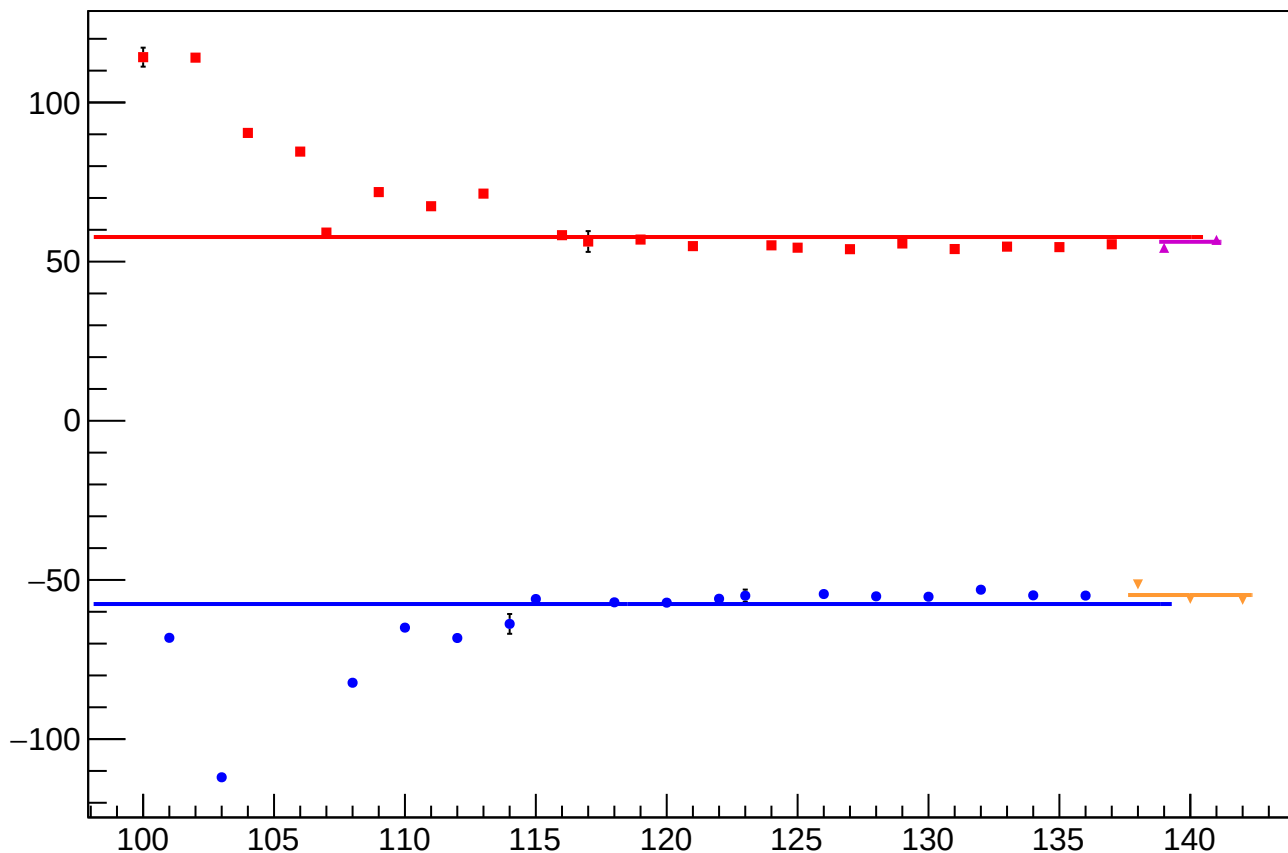
Left In: 5.427 $\pm$ 0.201 χ^2/NDF : 23.3/1

-7.120 $\pm$ 0.063 χ^2/NDF : 56.2/19

0.356 $\pm$ 0.043 χ^2/NDF : 26392.1/41

6.895 $\pm$ 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: -54.733 ± 0.171 χ^2/NDF : 148.7/2

Right Out: 57.733 ± 0.143 χ^2/NDF : 4698.6/19

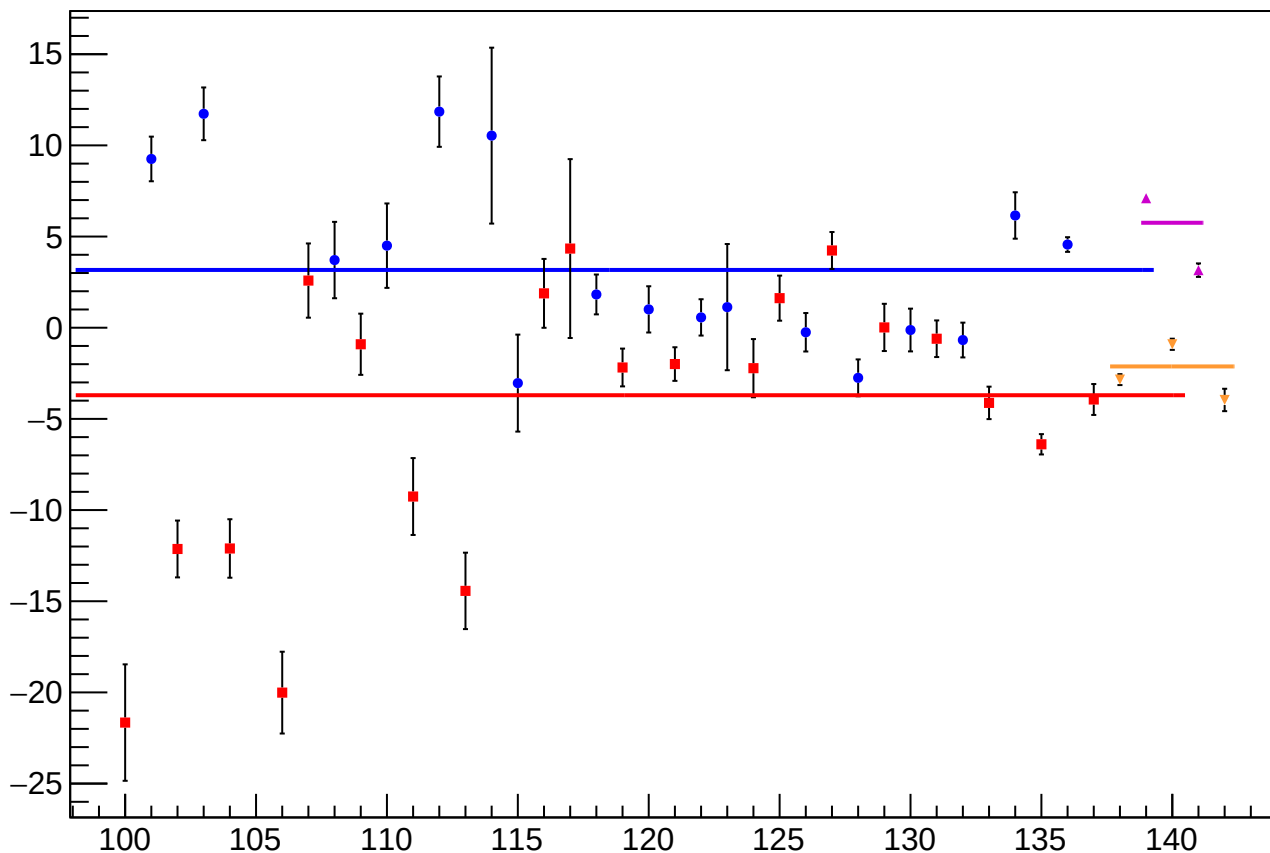
Left In: 56.232 ± 0.219 χ^2/NDF : 23.8/1

-56.410 ± 0.109 χ^2/NDF : 3767.7/19

-4.872 ± 0.081 χ^2/NDF : 502689.9/41

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: -2.123 ± 0.203 χ^2/NDF : 30.4/2

Right Out: -3.702 ± 0.267 χ^2/NDF : 326.0/19

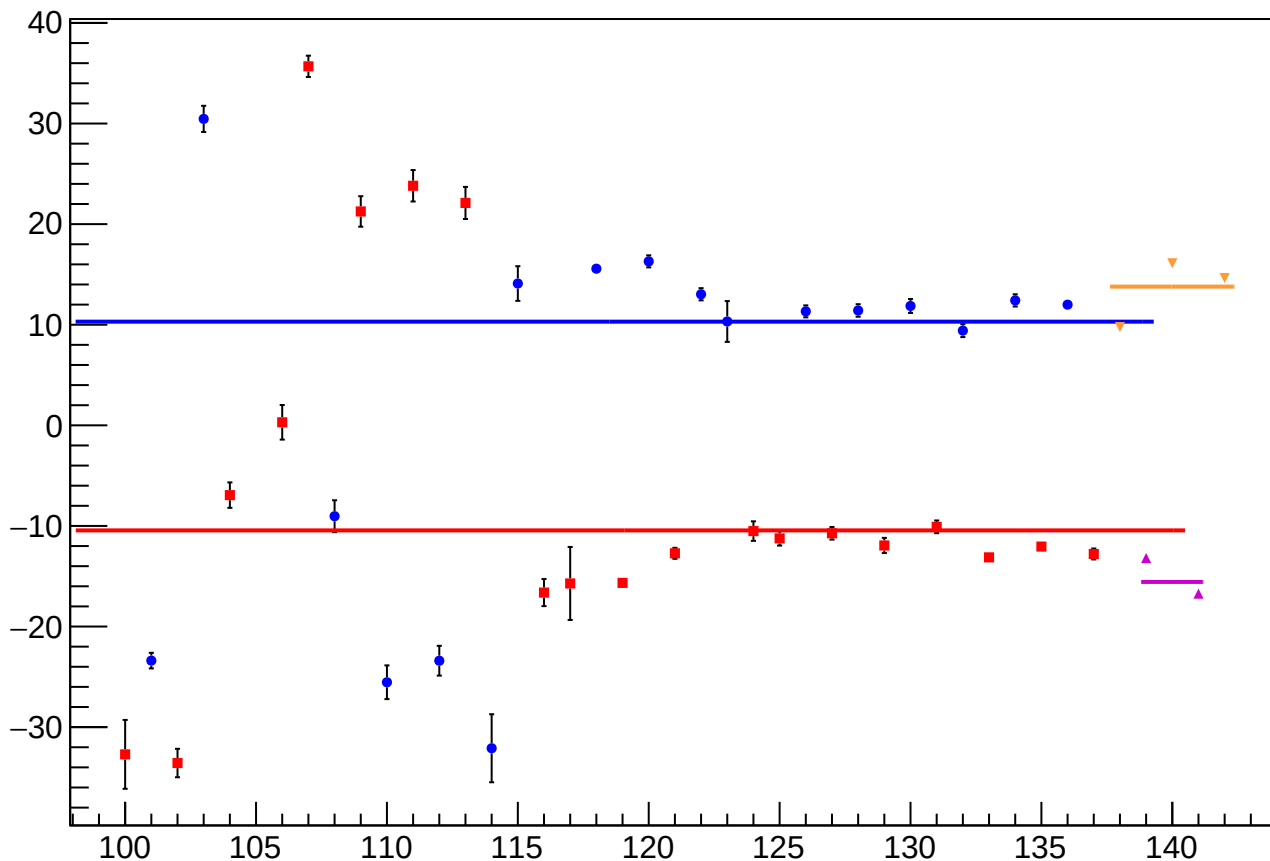
Left In: 5.756 ± 0.216 χ^2/NDF : 75.0/1

-0.103 ± 0.159 χ^2/NDF : 477.2/19

0.898 ± 0.116 χ^2/NDF : 1720.7/41

2.009 ± 0.168 χ^2/NDF : 1160.3/21

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.306 $\pm$ 0.157 χ^2/NDF : 3712.3/16

Left Out: 13.790 $\pm$ 0.199 χ^2/NDF :197.6/2

Right Out: -10.443 $\pm$ 0.160 χ^2/NDF : 3830.6/19

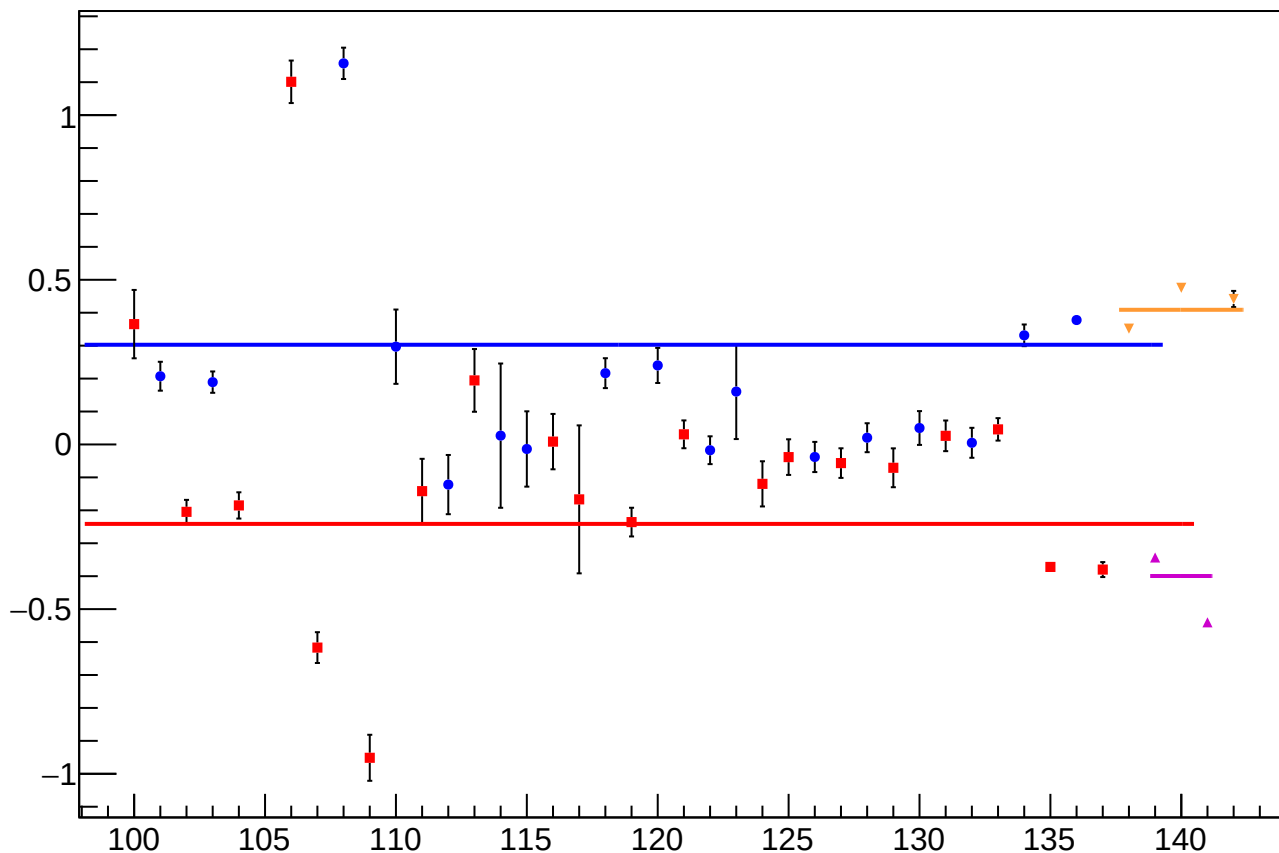
Left In: -15.566 $\pm$ 0.246 χ^2/NDF :45.8/1

11.637 $\pm$ 0.123 χ^2/NDF : 4098.5/19

0.815 $\pm$ 0.091 χ^2/NDF : 25091.7/41

-11.964 $\pm$ 0.134 χ^2/NDF : 4181.8/21

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303±/-0.008 χ^2/NDF : 646.6/16

Left Out: 0.409±/-0.008 χ^2/NDF : 51.7/2

Right Out: -0.241±/-0.008 χ^2/NDF : 986.9/19

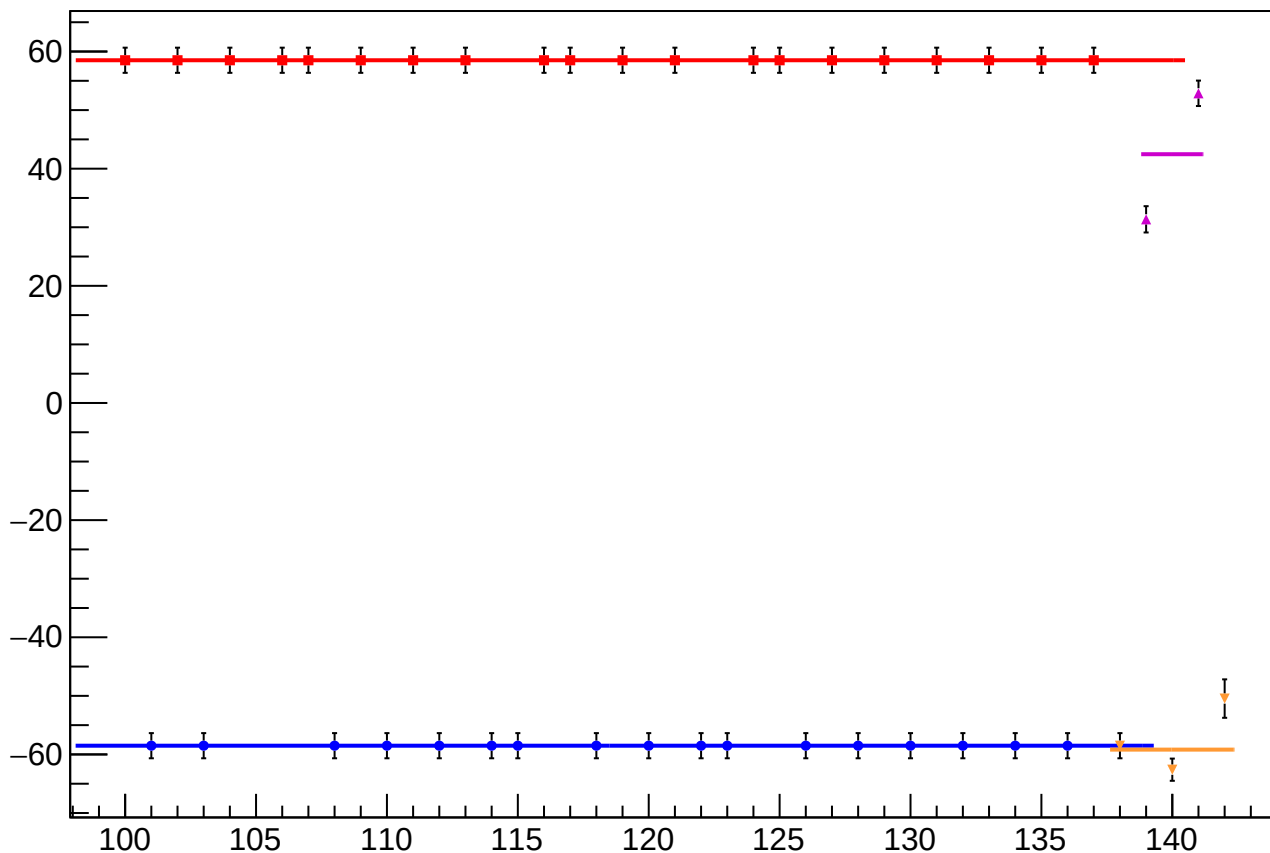
Left In: -0.399±/-0.008 χ^2/NDF : 125.3/1

0.356±/-0.006 χ^2/NDF : 782.1/19

0.015±/-0.004 χ^2/NDF : 8980.3/41

-0.326±/-0.006 χ^2/NDF : 1297.4/21

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -58.509 +/- 0.521 χ^2/NDF : 0.0/16

Left Out: -59.178 +/- 1.304 χ^2/NDF : 10.4/2

Right Out: 58.509 +/- 0.480 χ^2/NDF : 0.0/19

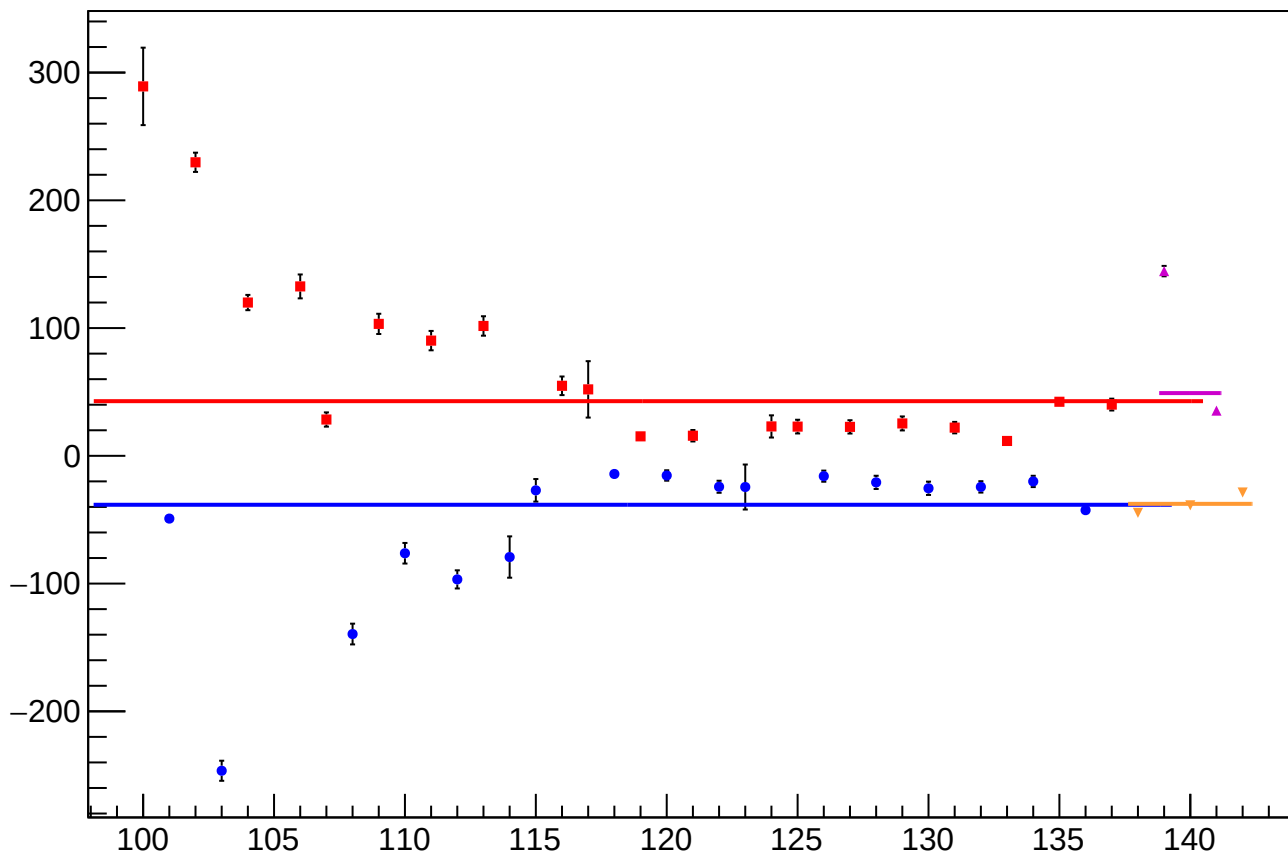
Left In: 42.469 +/- 1.560 χ^2/NDF : 47.5/1

-58.601 +/- 0.484 χ^2/NDF : 10.6/19

2.295 +/- 0.333 χ^2/NDF : 30254.7/41

57.120 +/- 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: -37.590 ± 1.068 χ^2/NDF : 30.2/2

Right Out: 42.784 ± 1.209 χ^2/NDF : 1341.8/19

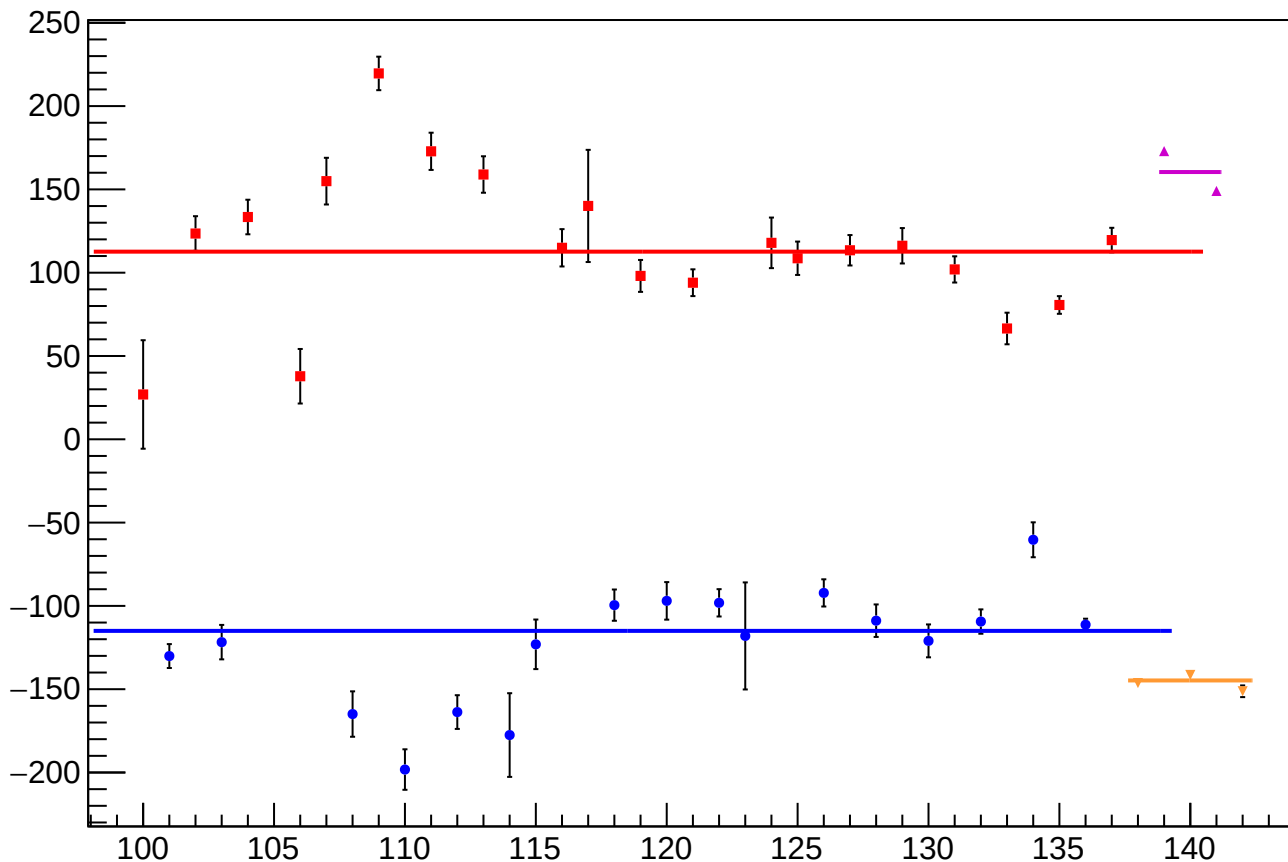
Left In: 49.110 ± 1.443 χ^2/NDF : 629.1/1

-37.927 ± 0.779 χ^2/NDF : 1163.0/19

-3.452 ± 0.596 χ^2/NDF : 7884.3/41

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 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -144.752 ± 1.399 $\chi^2/\text{NDF}: 6.6/2$

Right Out: 112.628 ± 2.202 $\chi^2/\text{NDF}: 273.8/19$

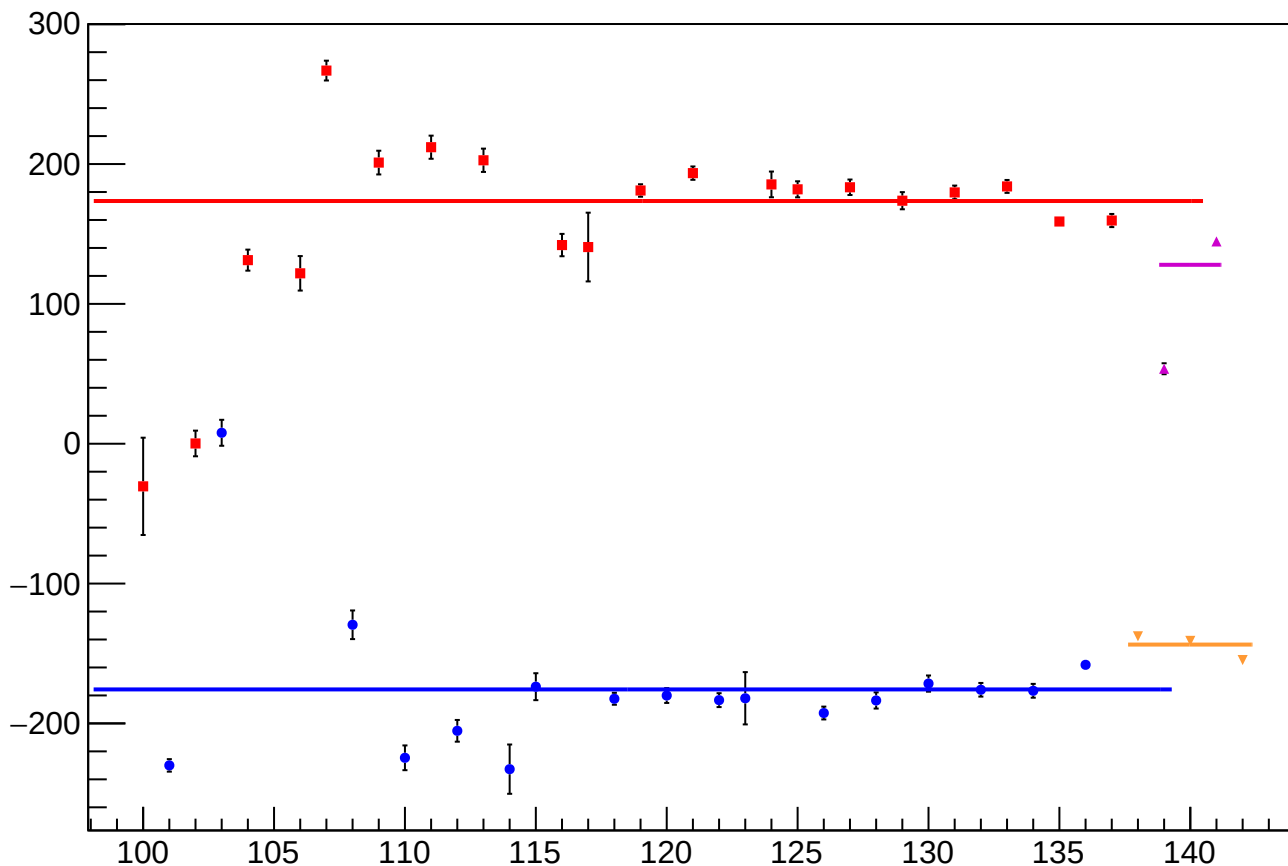
Left In: 160.415 ± 1.673 $\chi^2/\text{NDF}: 51.0/1$

-135.436 ± 1.160 $\chi^2/\text{NDF}: 290.0/19$

-15.435 ± 0.875 $\chi^2/\text{NDF}: 25759.5/41$

142.928 ± 1.332 $\chi^2/\text{NDF}: 623.4/21$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.696 $\pm$ 1.268 χ^2 /NDF: 692.9/16

Left Out: -143.626 $\pm$ 1.276 χ^2 /NDF: 27.3/2

Right Out: 173.566 $\pm$ 1.354 χ^2 /NDF: 739.5/19

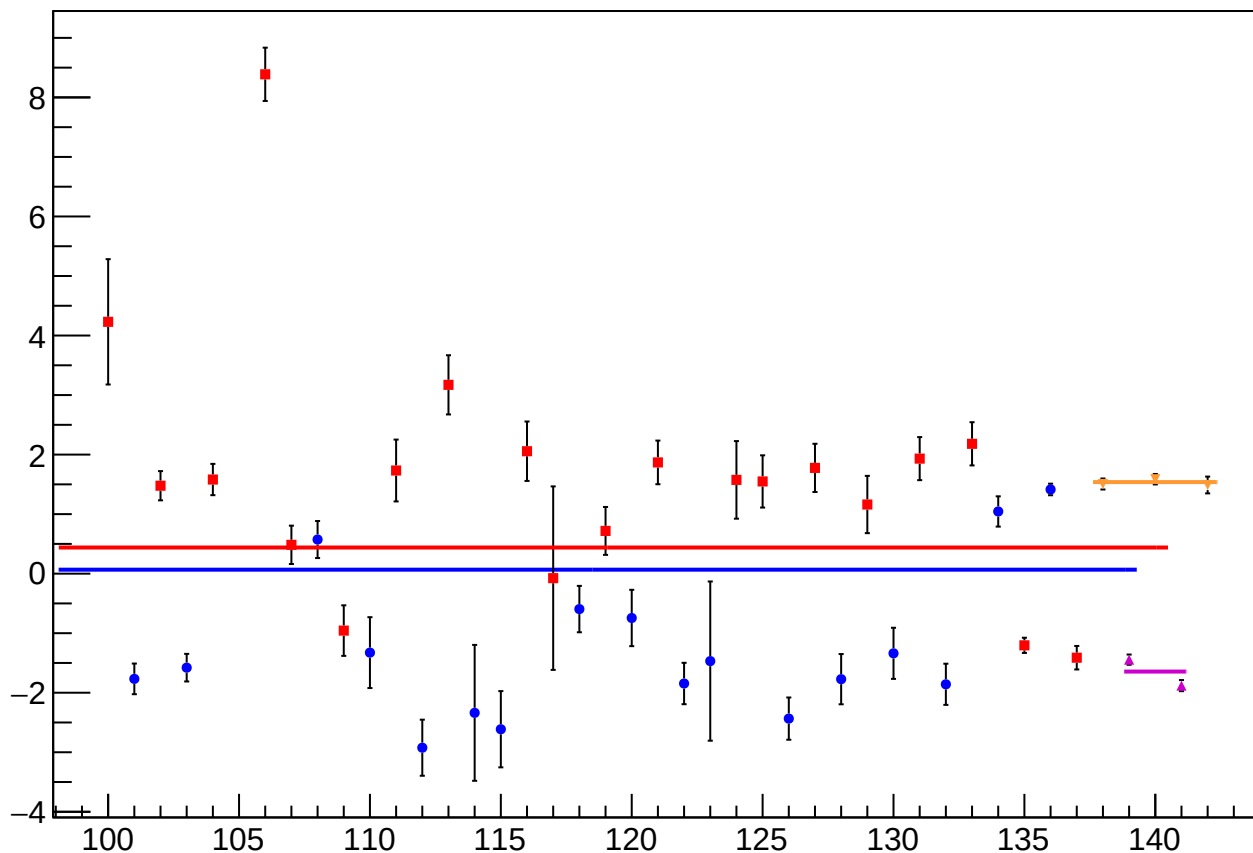
Left In: 127.946 $\pm$ 1.681 χ^2 /NDF: 440.0/1

-159.765 $\pm$ 0.899 χ^2 /NDF: 1038.2/19

-26.953 $\pm$ 0.684 χ^2 /NDF: 54464.4/41

155.614 $\pm$ 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: 1.538 ± 0.058 χ^2/NDF : 0.5/2

Right Out: 0.439 ± 0.071 χ^2/NDF : 755.0/19

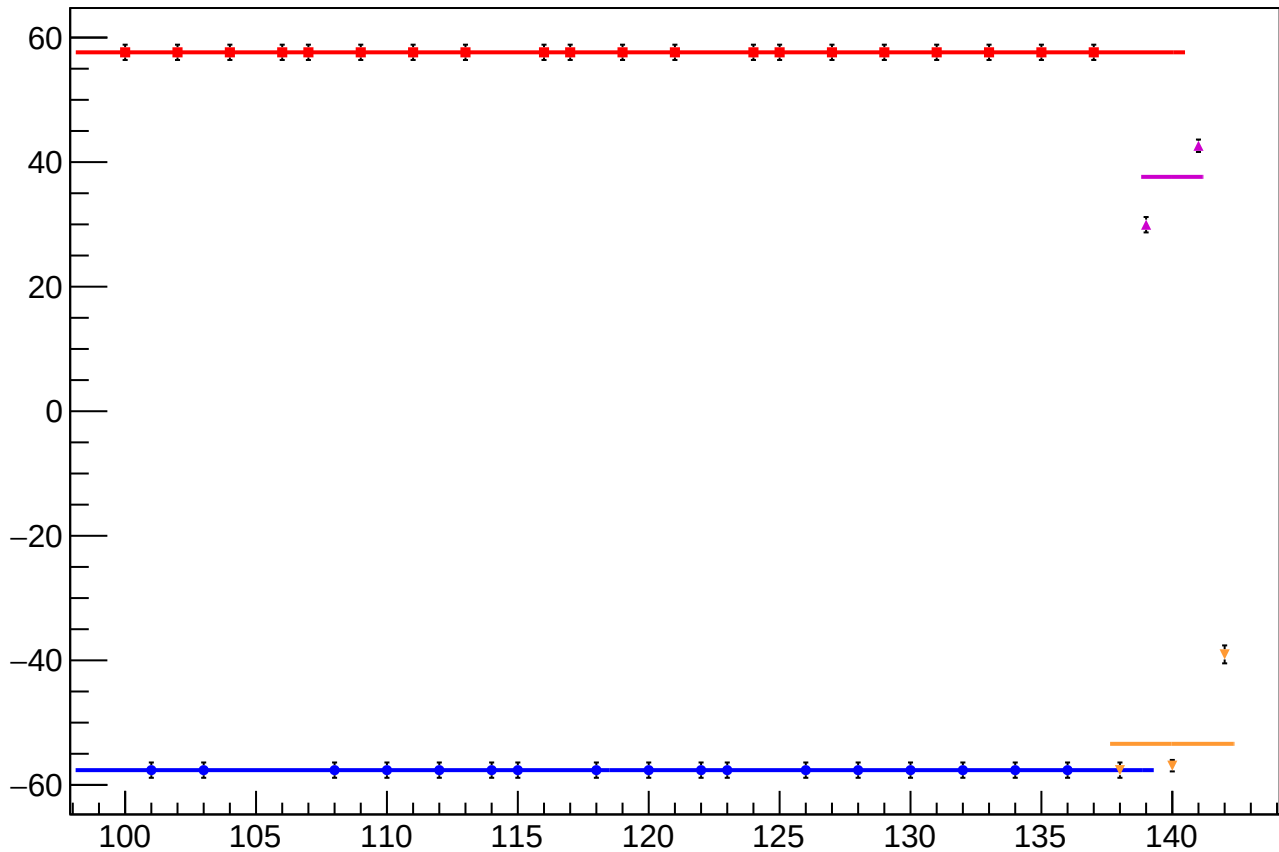
Left In: -1.645 ± 0.063 χ^2/NDF : 11.8/1

0.907 ± 0.044 χ^2/NDF : 802.4/19

0.151 ± 0.032 χ^2/NDF : 2690.5/41

-0.724 ± 0.047 χ^2/NDF : 1247.3/21

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected

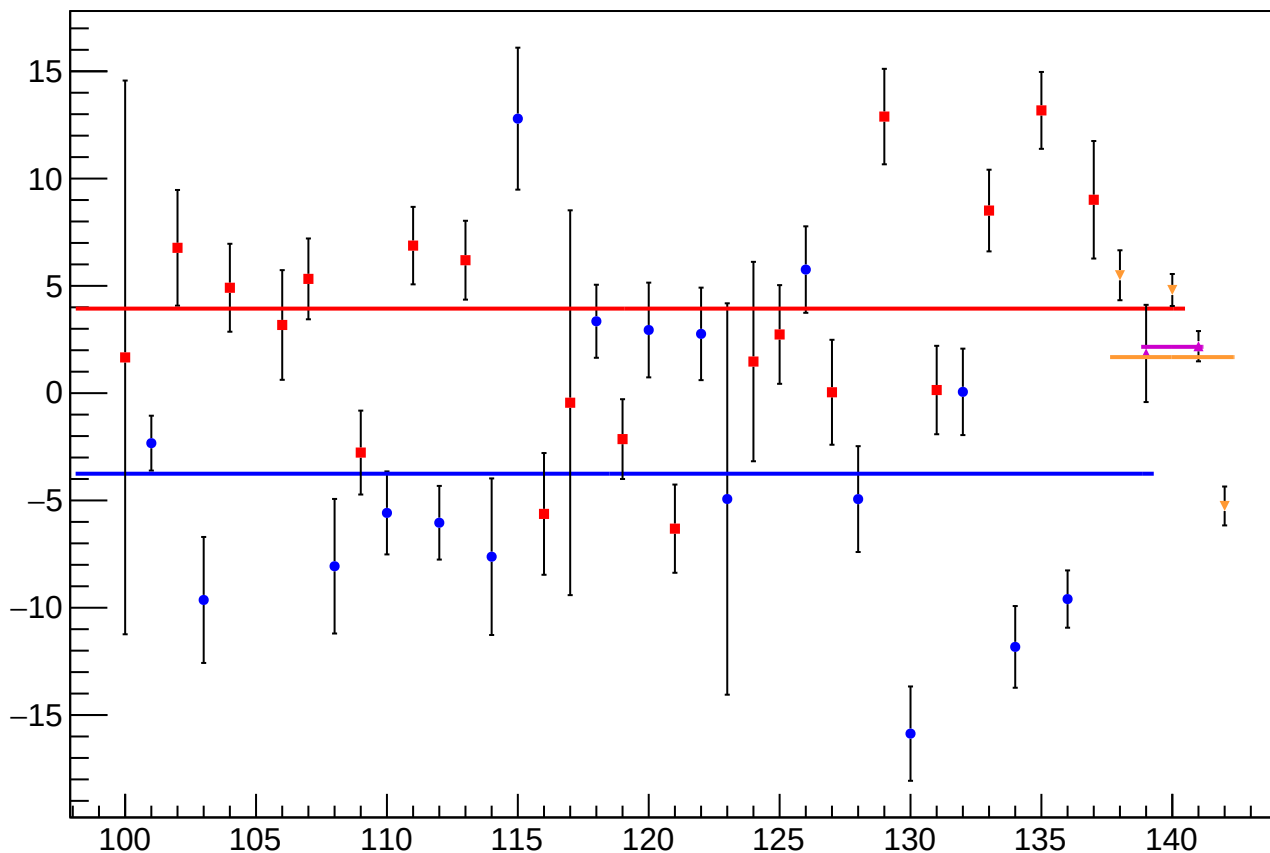


-56.906 ± 0.272 $\chi^2/\text{NDF}: 159.9/19$

1.860 ± 0.187 $\chi^2/\text{NDF}: 90348.7/41$

55.405 ± 0.259 $\chi^2/\text{NDF}: 651.8/21$

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: 1.680 ± 0.516 $\chi^2/\text{NDF}: 86.9/2$

Right Out: 3.940 ± 0.506 $\chi^2/\text{NDF}: 123.6/19$

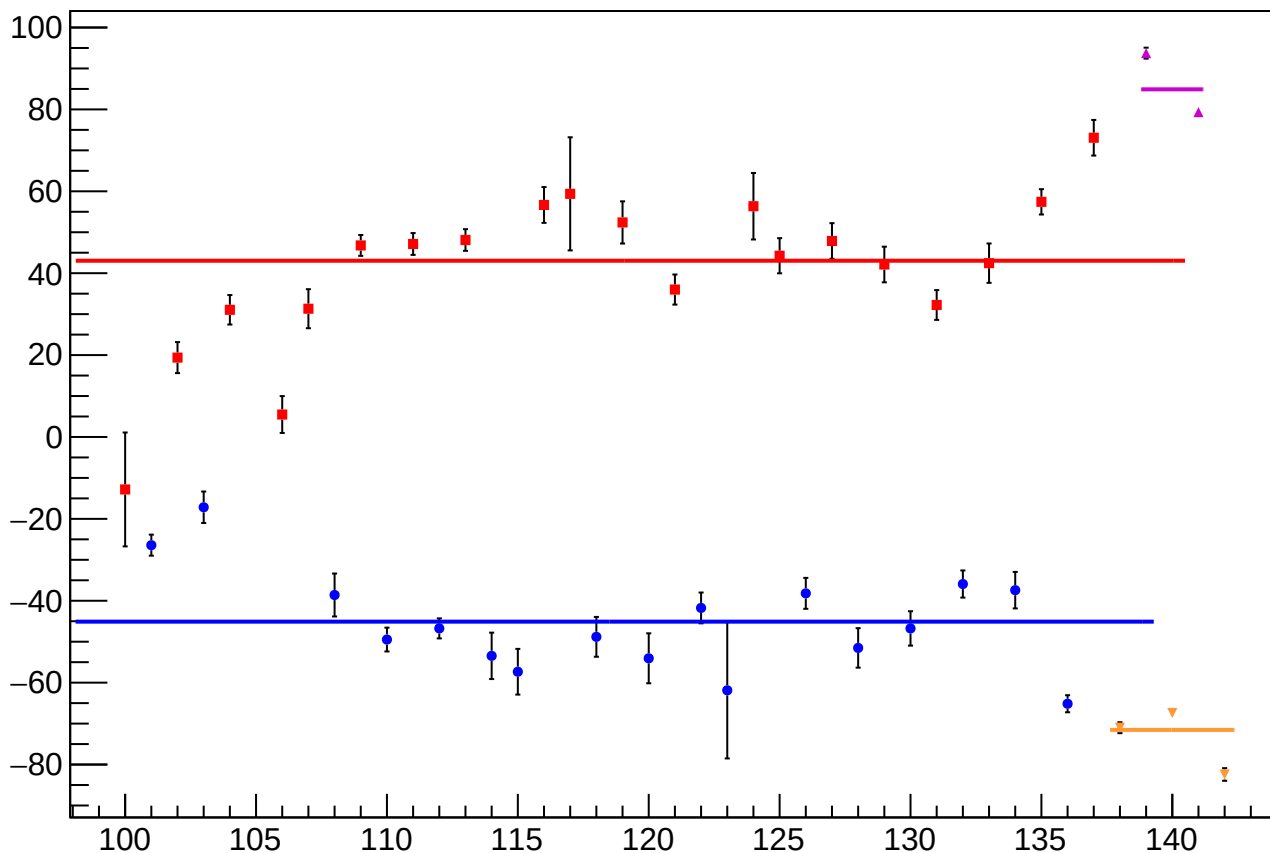
Left In: 2.159 ± 0.674 $\chi^2/\text{NDF}: 0.0/1$

-1.150 ± 0.357 $\chi^2/\text{NDF}: 310.0/19$

0.798 ± 0.268 $\chi^2/\text{NDF}: 505.9/41$

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 $\pm$ 0.881 χ^2 /NDF: 229.9/16

Left Out: -71.539 $\pm$ 0.704 χ^2 /NDF: 67.6/2

Right Out: 43.045 $\pm$ 0.876 χ^2 /NDF: 250.3/19

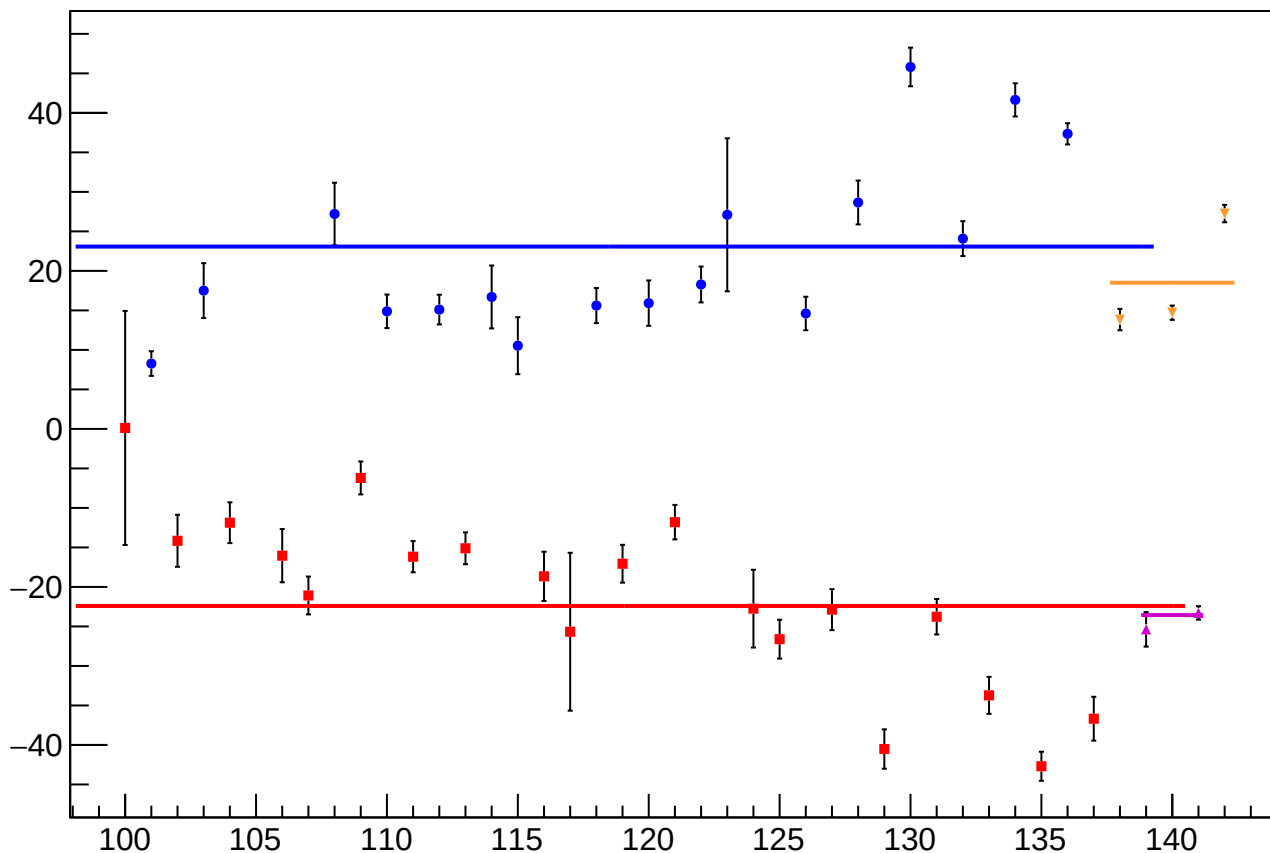
Left In: 84.901 $\pm$ 0.832 χ^2 /NDF: 71.1/1

-61.242 $\pm$ 0.550 χ^2 /NDF: 847.5/19

-3.917 $\pm$ 0.406 χ^2 /NDF: 26327.4/41

65.051 $\pm$ 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: 18.505 $\pm$ 0.620 χ^2/NDF : 92.8/2

Right Out: -22.408 $\pm$ 0.571 χ^2/NDF : 370.4/19

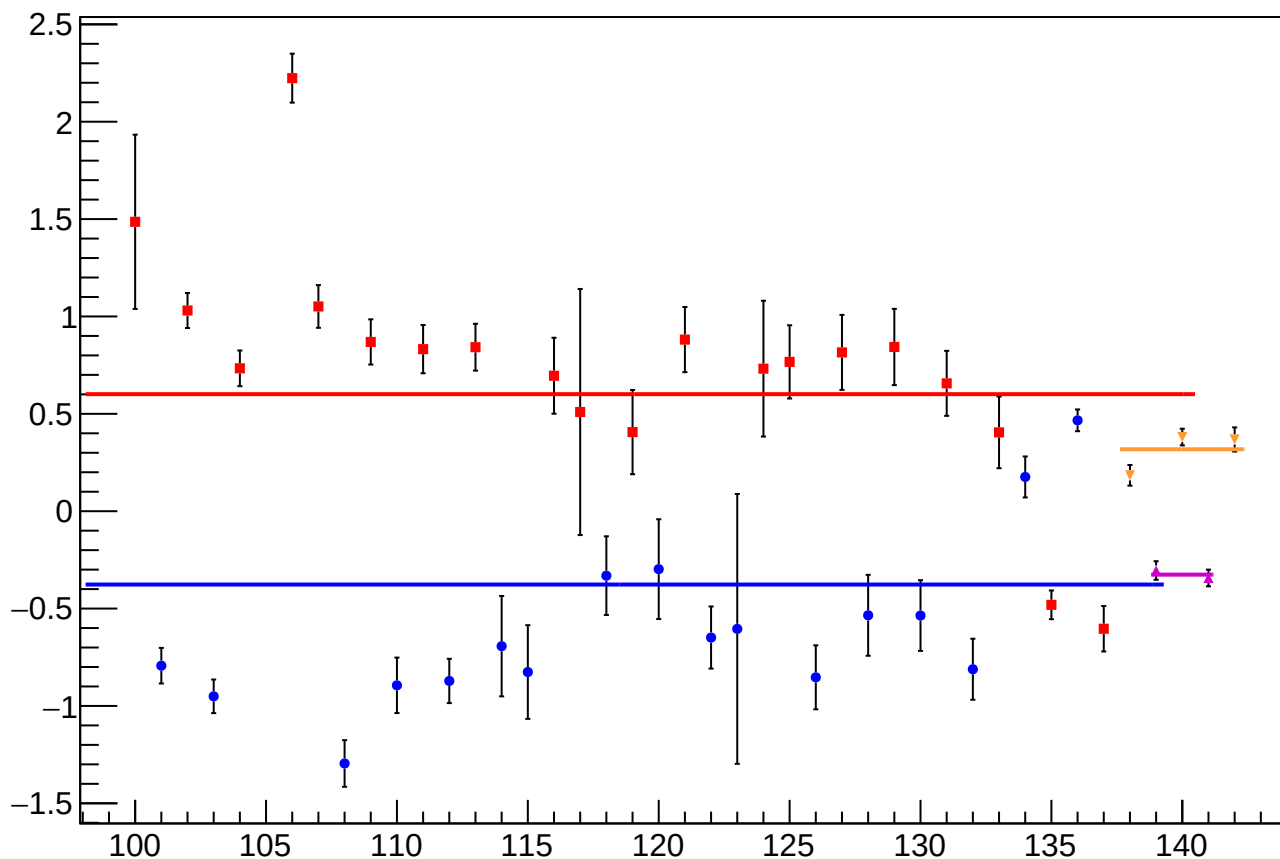
Left In: -23.561 $\pm$ 0.794 χ^2/NDF : 0.8/1

21.042 $\pm$ 0.414 χ^2/NDF : 584.1/19

1.601 $\pm$ 0.309 χ^2/NDF : 5931.0/41

-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: 0.318 ± 0.029 χ^2/NDF : 9.1/2

Right Out: 0.601 ± 0.030 χ^2/NDF : 555.6/19

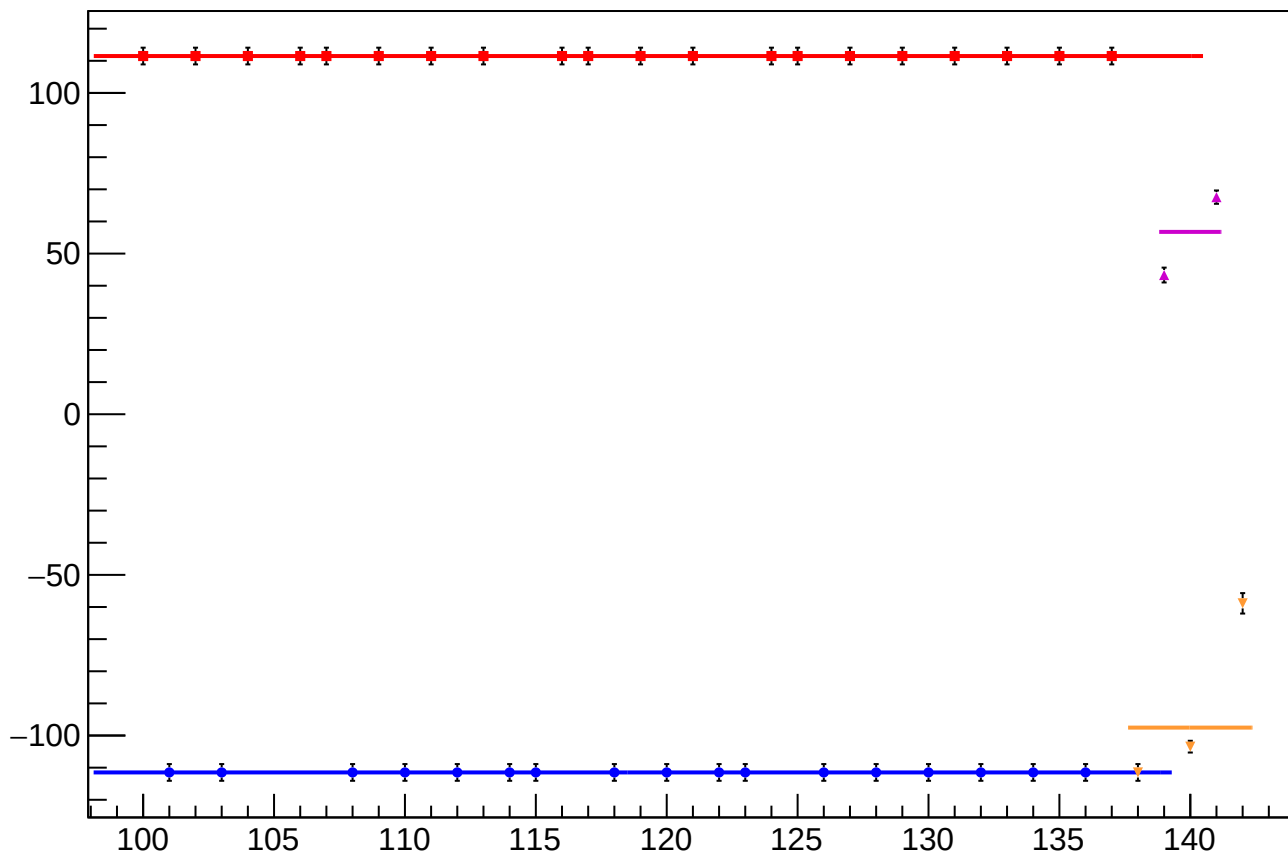
Left In: -0.326 ± 0.032 χ^2/NDF : 0.4/1

-0.021 ± 0.021 χ^2/NDF : 719.5/19

0.068 ± 0.015 χ^2/NDF : 1758.3/41

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: -97.535 ± 1.356 χ^2/NDF : 187.0/2

Right Out: 111.486 ± 0.582 χ^2/NDF : 0.0/19

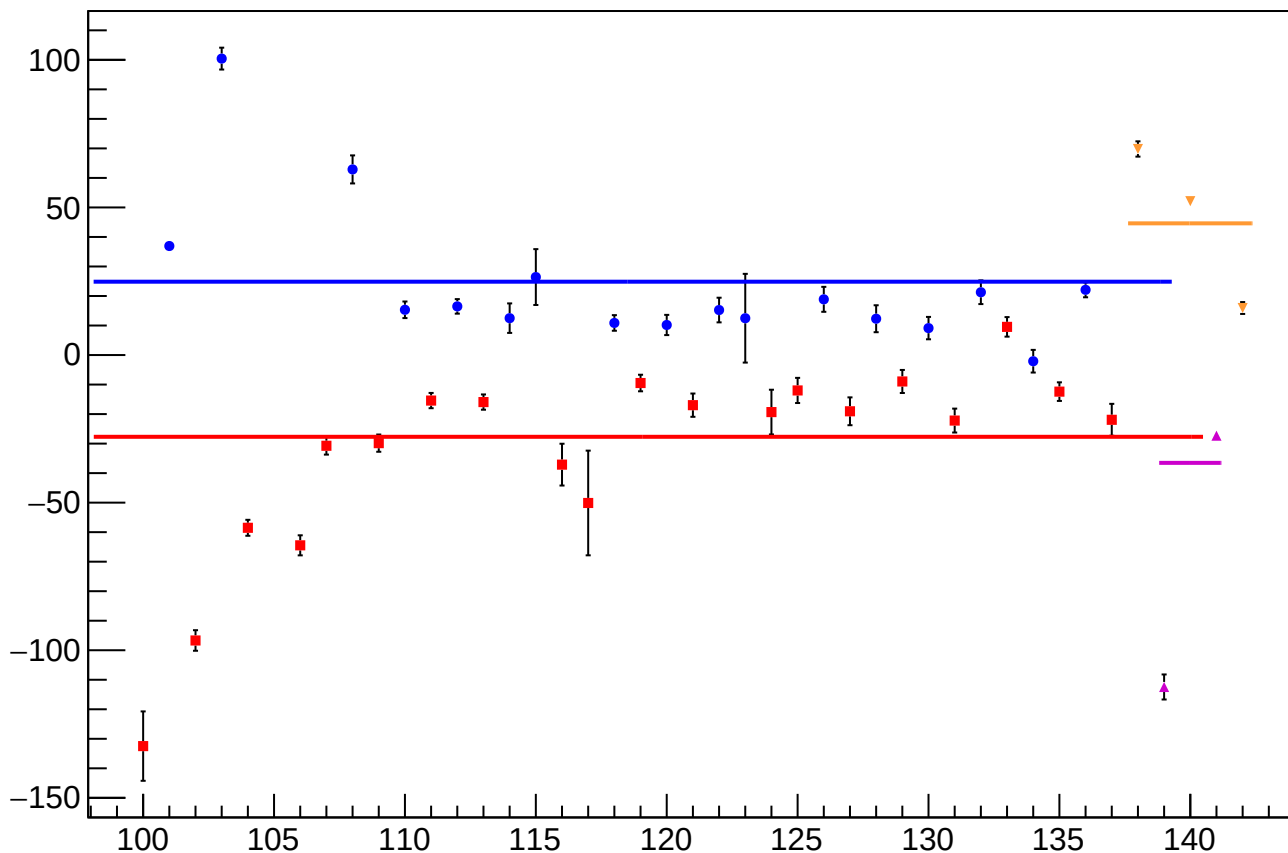
Left In: 56.753 ± 1.544 χ^2/NDF : 60.9/1

-108.998 ± 0.573 χ^2/NDF : 274.0/19

3.125 ± 0.395 χ^2/NDF : 74519.2/41

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: 44.613 $\pm$ 1.091 χ^2 /NDF:322.8/2

Right Out: -27.695 $\pm$ 0.810 χ^2 /NDF: 1010.8/19

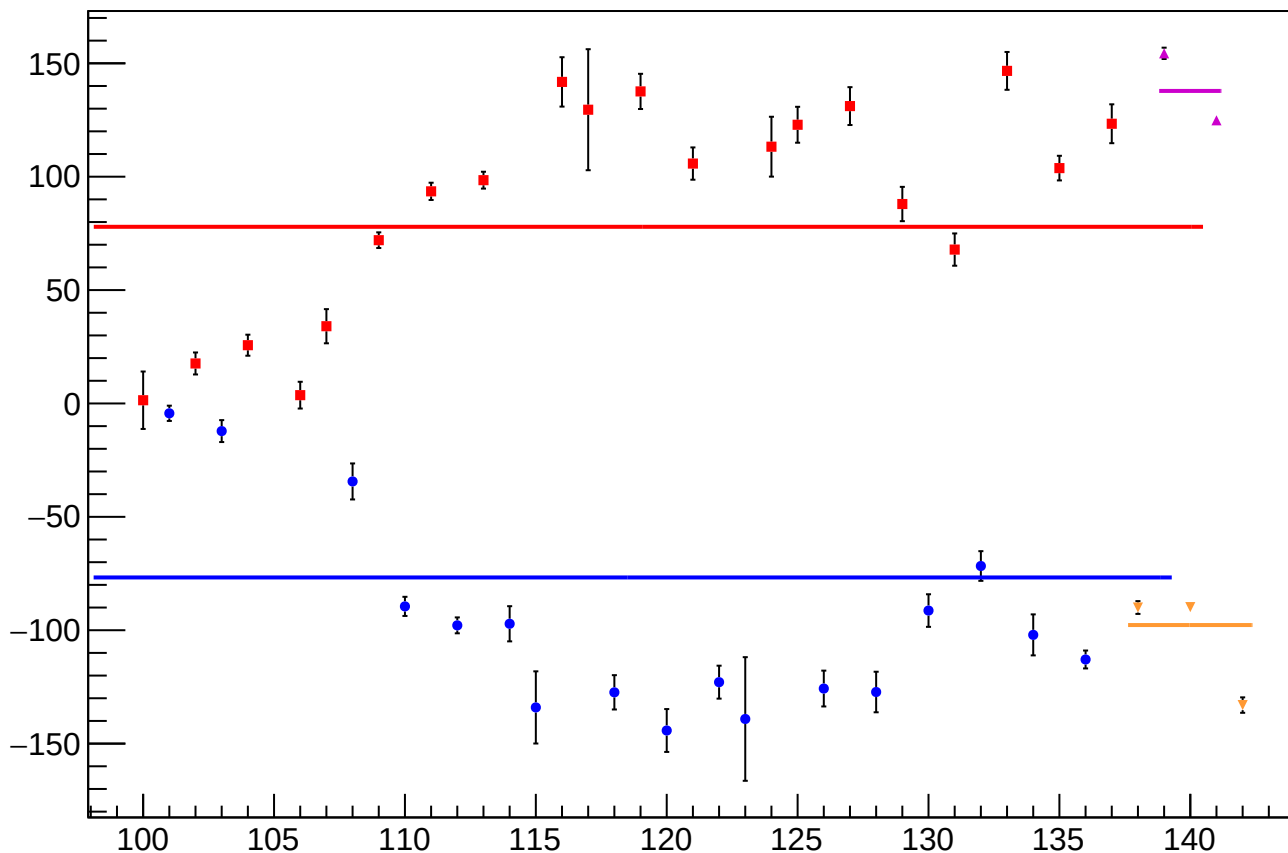
Left In: -36.525 $\pm$ 1.395 χ^2 /NDF:359.1/1

31.771 $\pm$ 0.645 χ^2 /NDF: 1227.0/19

3.432 $\pm$ 0.475 χ^2 /NDF: 6823.3/41

-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 χ^2/NDF : 1042.0/16

Left Out: -97.715+/-1.452 χ^2/NDF :131.3/2

Right Out: 77.905+/-1.351 χ^2/NDF : 875.6/19

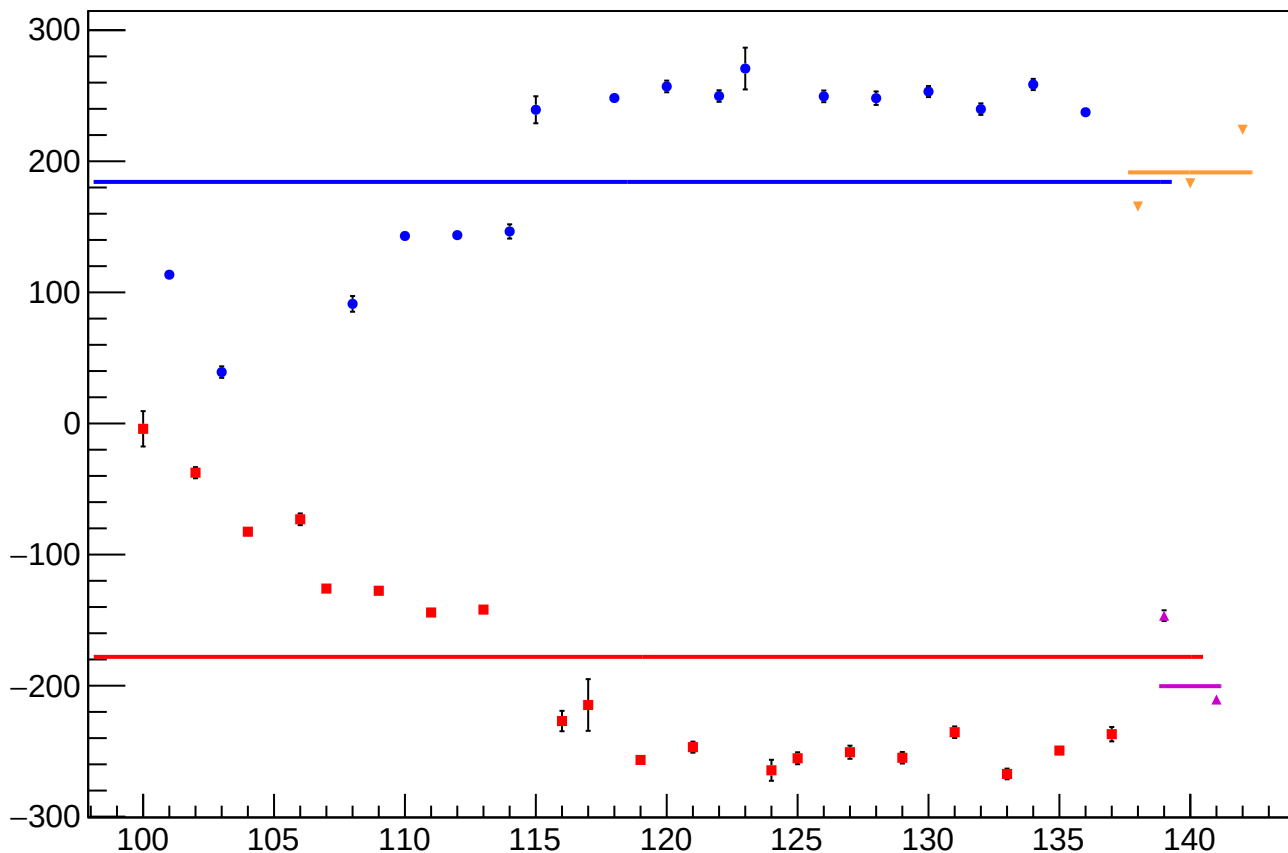
Left In: 137.819+/-1.653 χ^2/NDF :78.6/1

-86.928+/-1.012 χ^2/NDF : 1280.7/19

4.414+/-0.727 χ^2/NDF : 19847.1/41

101.887+/-1.046 χ^2/NDF : 1741.9/21

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.271+/-0.914 χ^2/NDF : 5401.0/16

Left Out: 191.511+/-1.305 χ^2/NDF : 276.3/2

Right Out: -178.011+/-0.923 χ^2/NDF : 6334.4/19

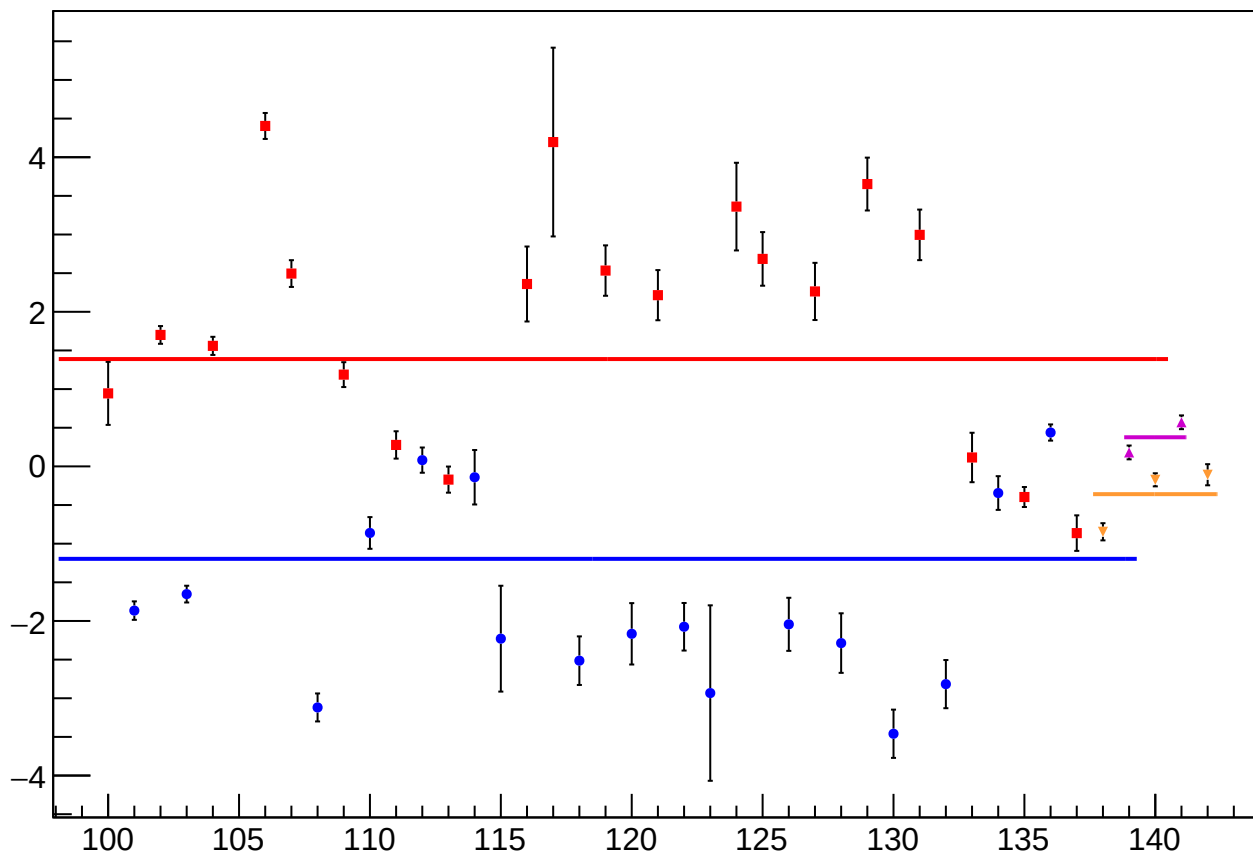
Left In: -200.373+/-1.630 χ^2/NDF : 205.3/1

186.652+/-0.748 χ^2/NDF : 5697.9/19

14.637+/-0.548 χ^2/NDF : 126013.9/41

-183.437+/-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: -0.359 ± 0.060 $\chi^2/\text{NDF}: 27.3/2$

Right Out: 1.389 ± 0.046 $\chi^2/\text{NDF}: 929.7/19$

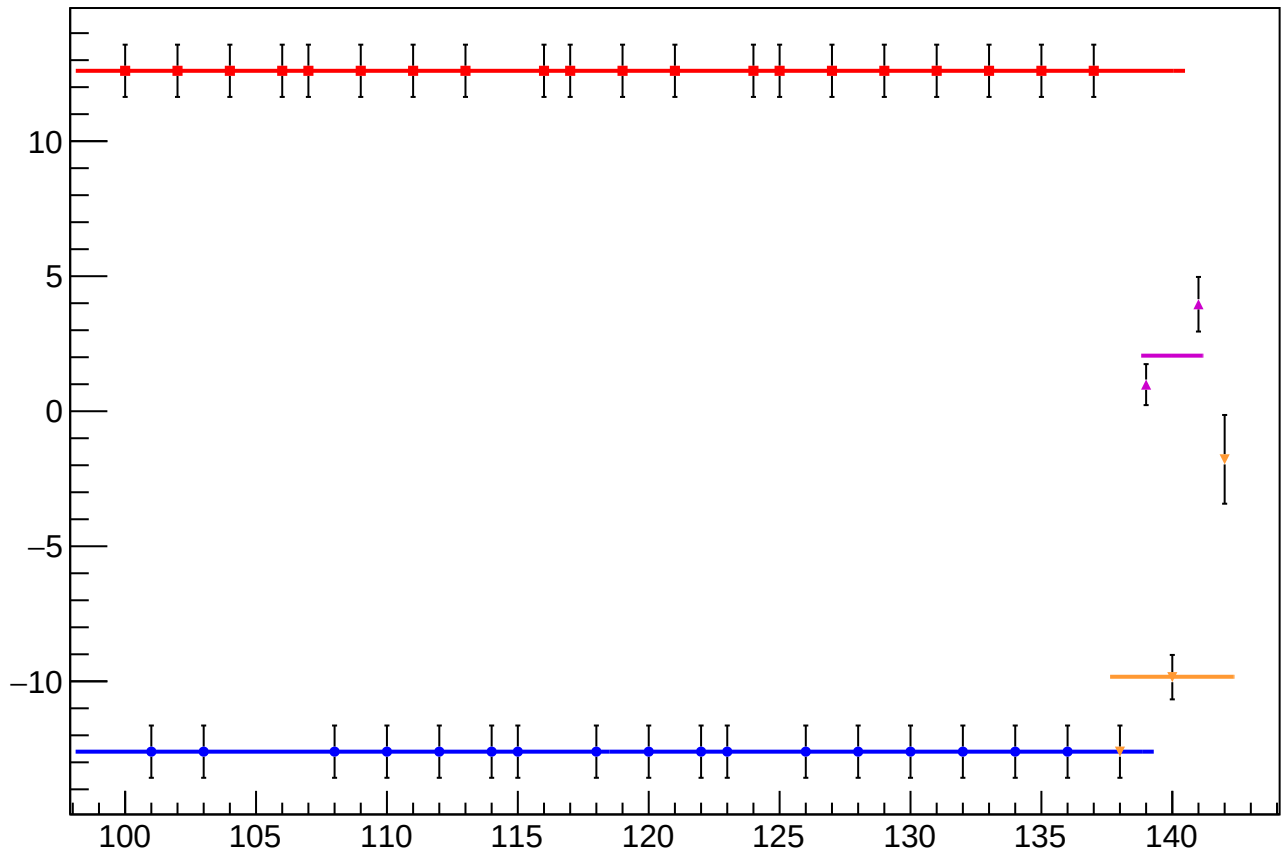
Left In: 0.377 ± 0.063 $\chi^2/\text{NDF}: 9.6/1$

-0.872 ± 0.038 $\chi^2/\text{NDF}: 767.9/19$

0.099 ± 0.026 $\chi^2/\text{NDF}: 3187.4/41$

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 ± 0.235 χ^2/NDF : 0.0/16

Left Out: -9.832 ± 0.586 χ^2/NDF : 32.2/2

Right Out: 12.605 ± 0.216 χ^2/NDF : 0.0/19

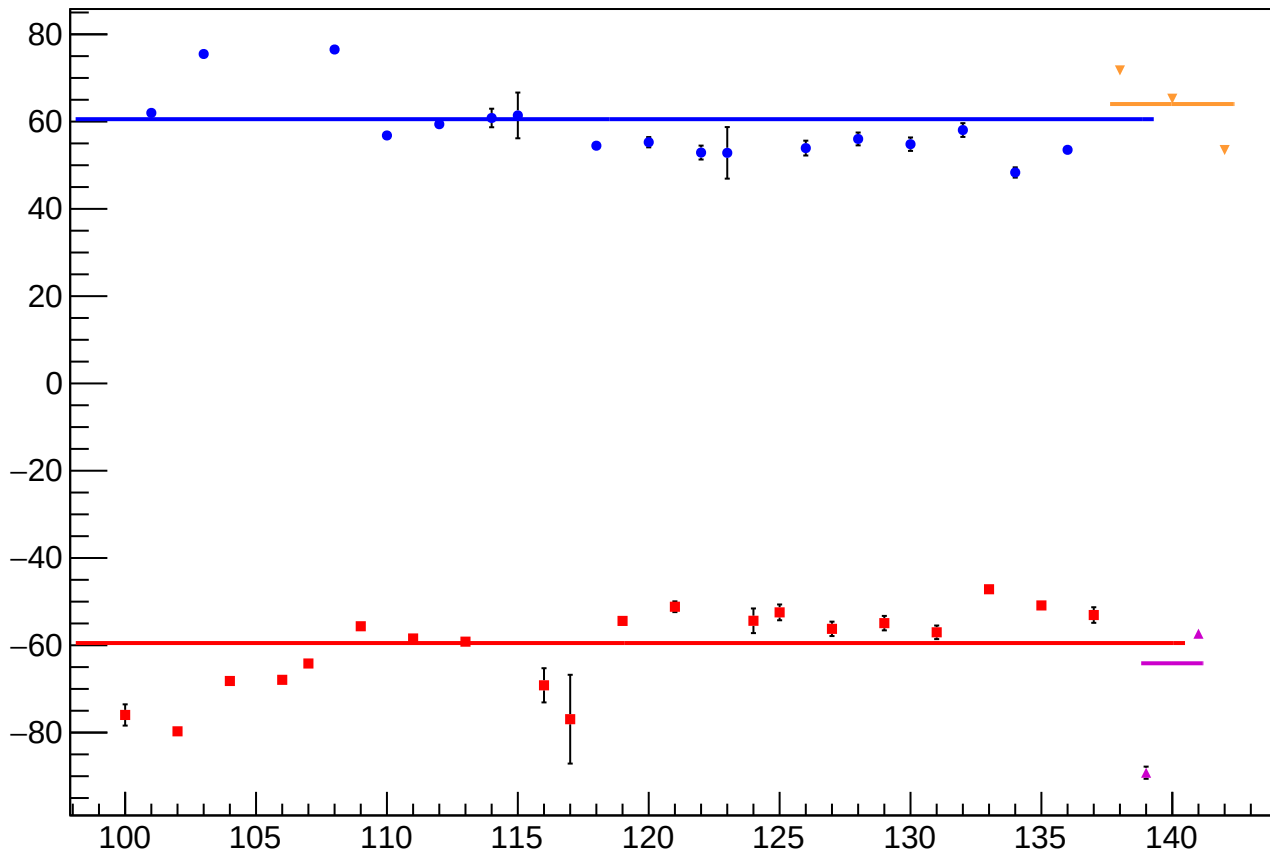
Left In: 2.058 ± 0.607 χ^2/NDF : 5.5/1

-12.221 ± 0.218 χ^2/NDF : 51.6/19

0.383 ± 0.149 χ^2/NDF : 6602.0/41

11.416 ± 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: 64.024 ± 0.502 χ^2/NDF : 160.0/2

Right Out: -59.488 ± 0.248 χ^2/NDF : 1319.9/19

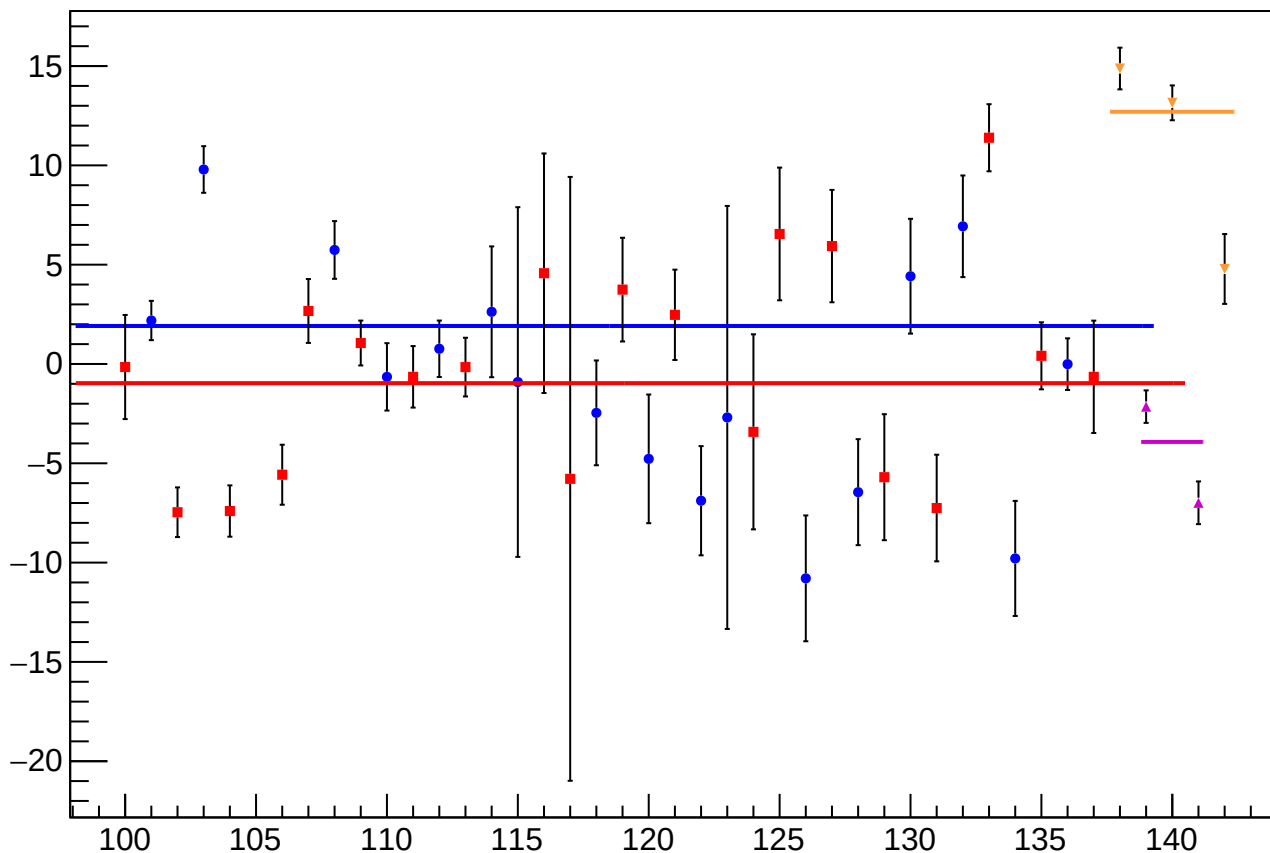
Left In: -64.125 ± 0.644 χ^2/NDF : 409.8/1

61.294 ± 0.232 χ^2/NDF : 1128.3/19

0.428 ± 0.164 χ^2/NDF : 140197.6/41

-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: 12.699 ± 0.629 χ^2/NDF : 24.8/2

Right Out: -0.964 ± 0.424 χ^2/NDF : 149.6/19

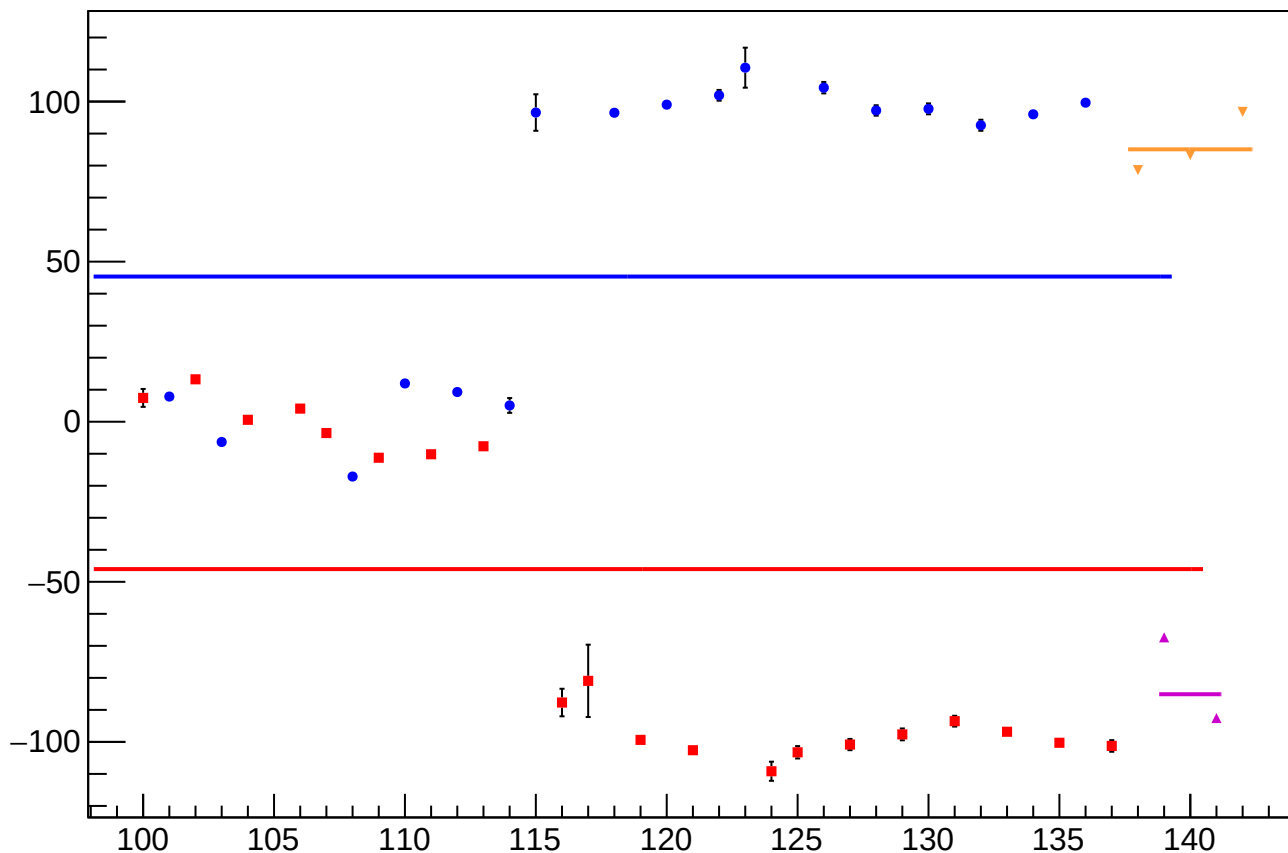
Left In: -3.924 ± 0.651 χ^2/NDF : 12.8/1

5.652 ± 0.370 χ^2/NDF : 338.8/19

1.752 ± 0.256 χ^2/NDF : 729.3/41

-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: 85.079+/-0.594 χ^2/NDF : 121.6/2

Right Out: -46.030+/-0.289 χ^2/NDF : 28229.5/19

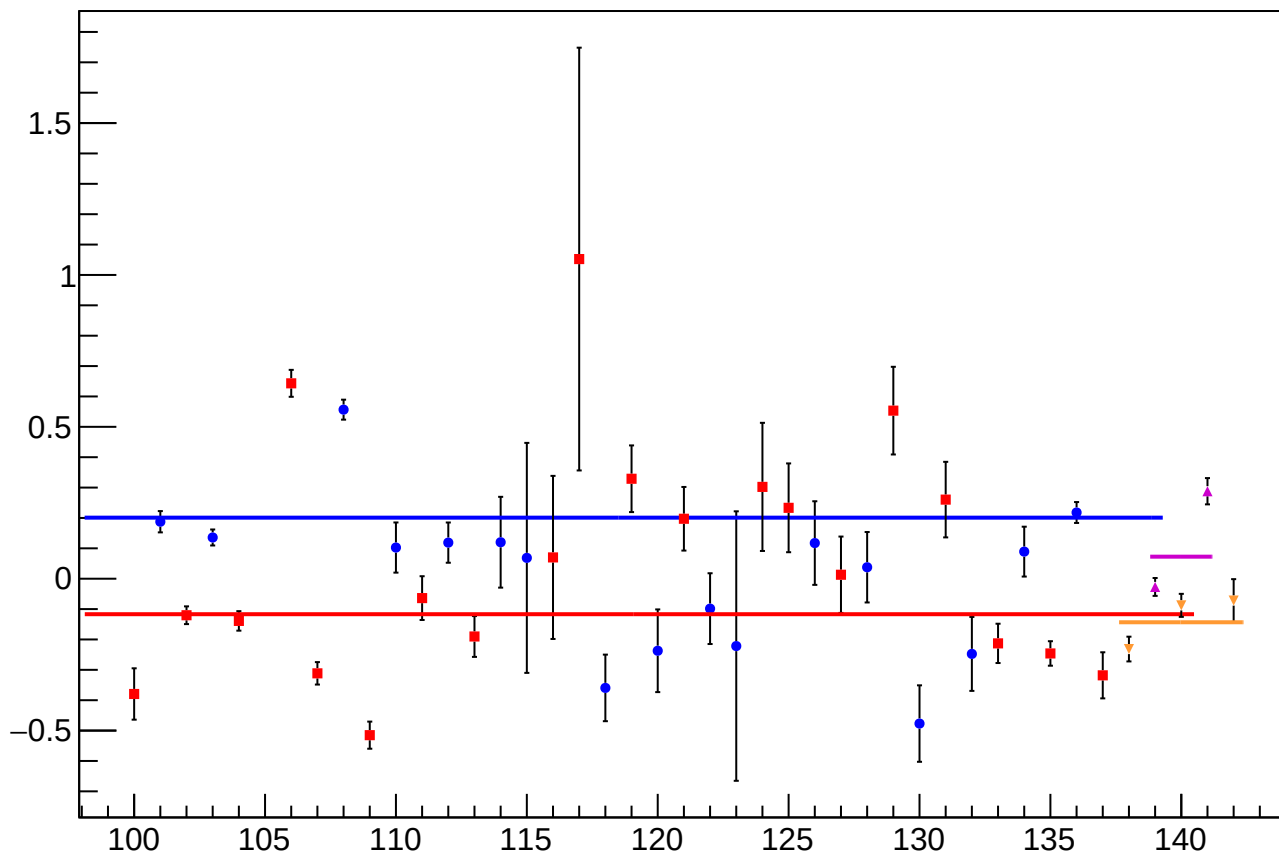
Left In: -85.111+/-0.731 χ^2/NDF : 247.0/1

53.551+/-0.270 χ^2/NDF : 28739.2/19

0.910+/-0.191 χ^2/NDF : 135351.8/41

-51.323+/-0.269 χ^2/NDF : 30946.9/21

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 $\pm$ 0.014 χ^2 /NDF: 217.8/16

Left Out: -0.143 $\pm$ 0.026 χ^2 /NDF: 7.9/2

Right Out: -0.117 $\pm$ 0.013 χ^2 /NDF: 503.0/19

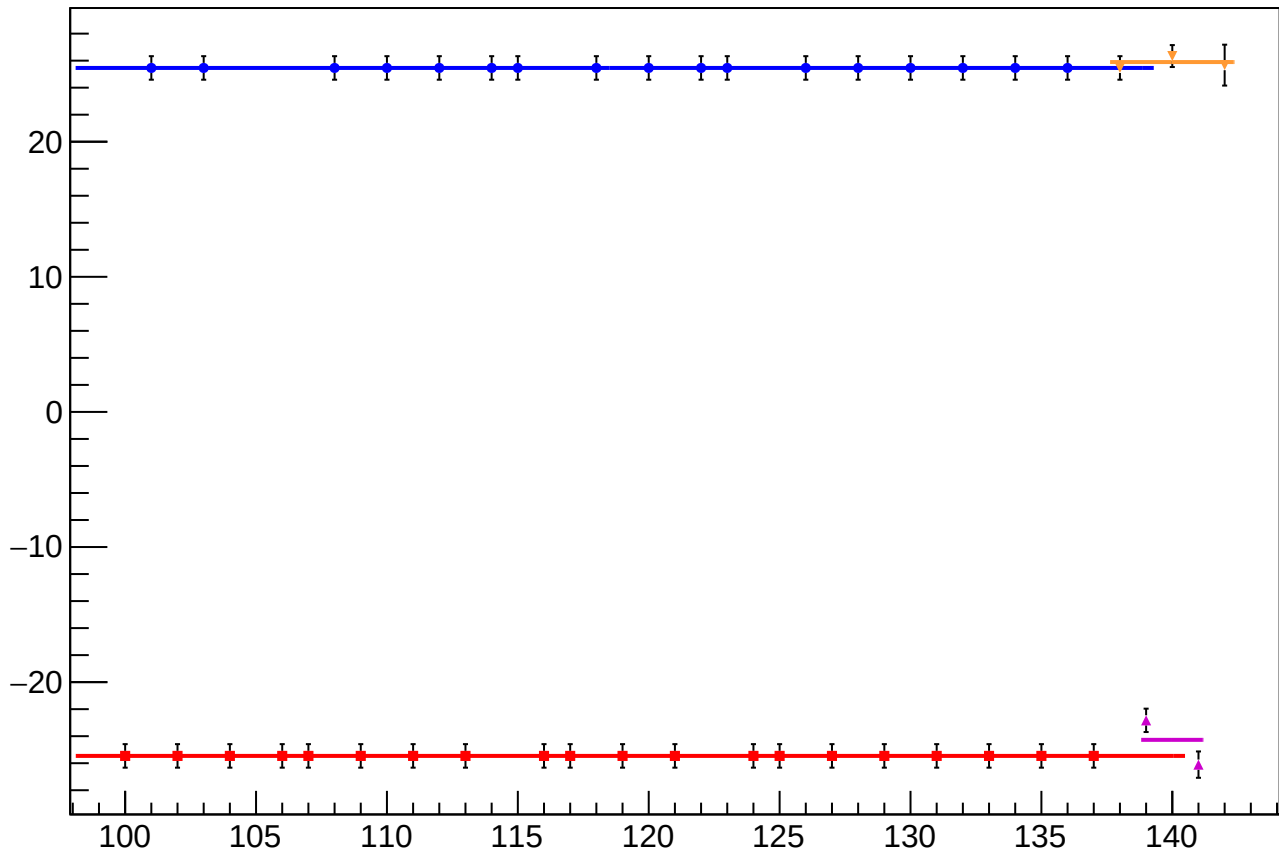
Left In: 0.073 $\pm$ 0.024 χ^2 /NDF: 36.3/1

0.122 $\pm$ 0.012 χ^2 /NDF: 363.1/19

0.017 $\pm$ 0.008 χ^2 /NDF: 1086.4/41

-0.075 $\pm$ 0.011 χ^2 /NDF: 586.3/21

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 25.460 $\pm$ 0.211 χ^2/NDF : 0.0/16

Left Out: 25.896 $\pm$ 0.553 χ^2/NDF : 0.6/2

Right Out: -25.460 $\pm$ 0.195 χ^2/NDF : 0.0/19

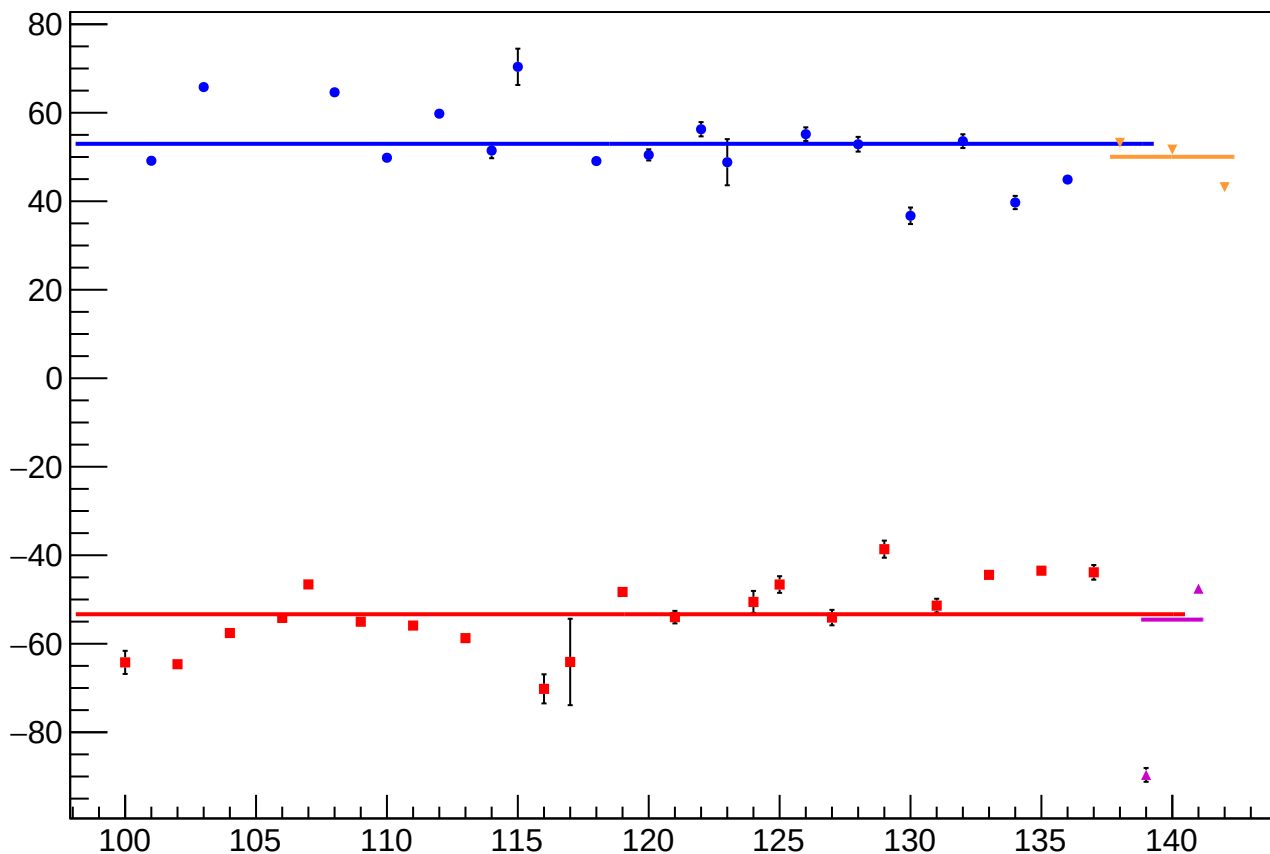
Left In: -24.271 $\pm$ 0.647 χ^2/NDF : 6.3/1

25.515 $\pm$ 0.197 χ^2/NDF : 1.1/19

-1.359 $\pm$ 0.136 χ^2/NDF : 35104.1/41

-25.361 $\pm$ 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: 50.048 $\pm$ 0.469 χ^2 /NDF: 69.4/2

Right Out: -53.333 $\pm$ 0.227 χ^2 /NDF: 873.9/19

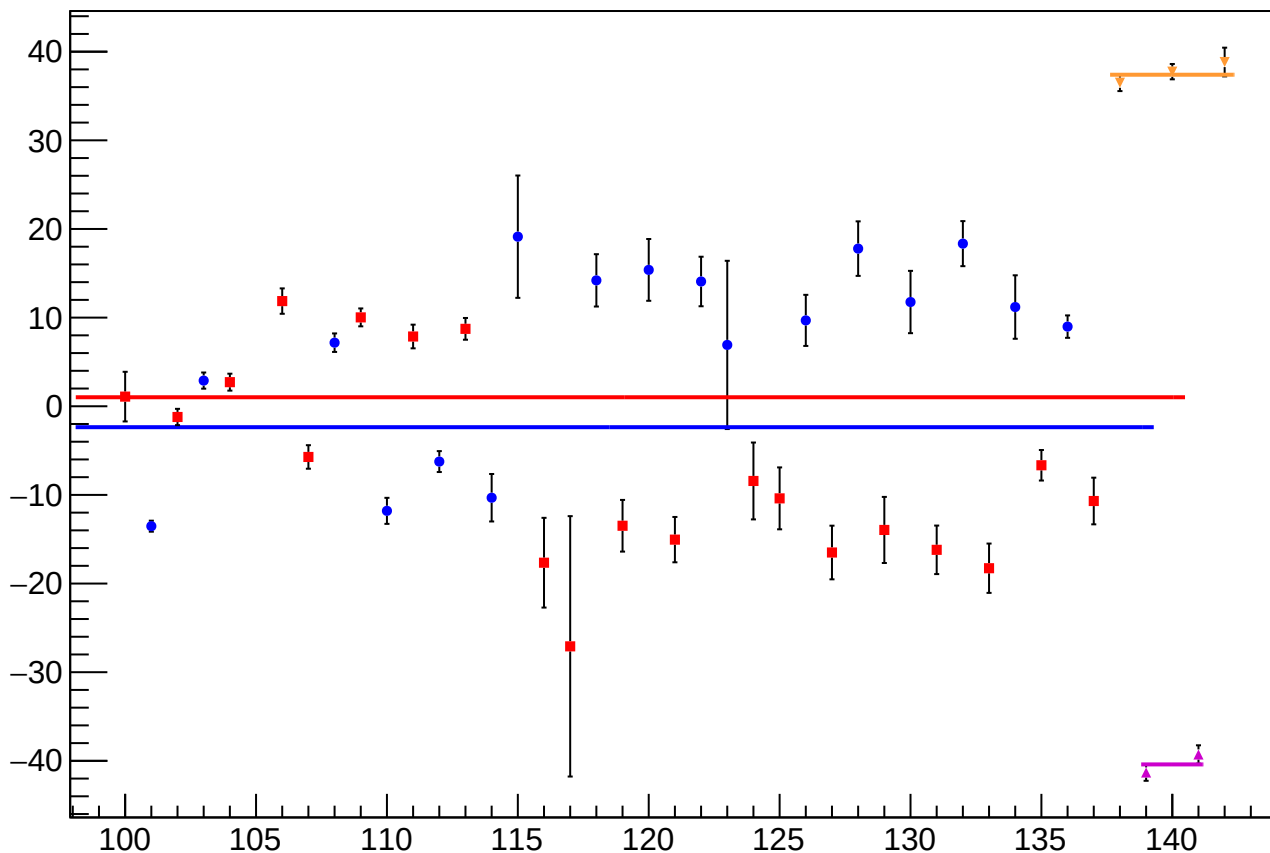
Left In: -54.543 $\pm$ 0.637 χ^2 /NDF: 604.3/1

52.491 $\pm$ 0.192 χ^2 /NDF: 1299.7/19

5.169 $\pm$ 0.143 χ^2 /NDF: 139071.0/41

-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 $\pm$ 0.364 χ^2/NDF : 840.8/16

Left Out: 37.400 $\pm$ 0.594 χ^2/NDF : 1.8/2

Right Out: 1.016 $\pm$ 0.377 χ^2/NDF : 511.4/19

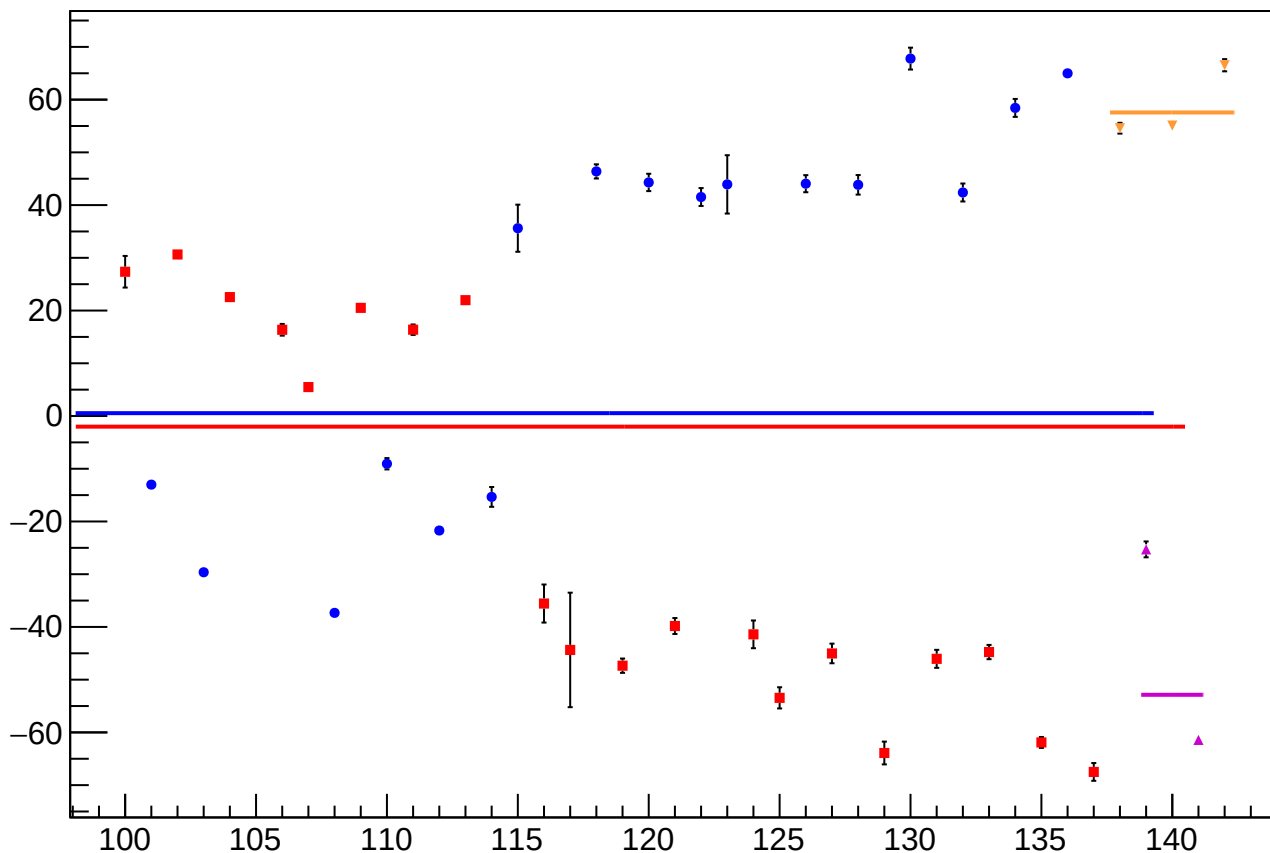
Left In: -40.402 $\pm$ 0.695 χ^2/NDF : 2.1/1

8.495 $\pm$ 0.310 χ^2/NDF : 4103.7/19

0.603 $\pm$ 0.226 χ^2/NDF : 8748.4/41

-8.395 $\pm$ 0.331 χ^2/NDF : 3259.4/21

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.541 $\pm$ 0.247 χ^2 /NDF: 18423.8/16

Left Out: 57.568 $\pm$ 0.557 χ^2 /NDF: 77.6/2

Right Out: -2.015 $\pm$ 0.266 χ^2 /NDF: 15491.9/19

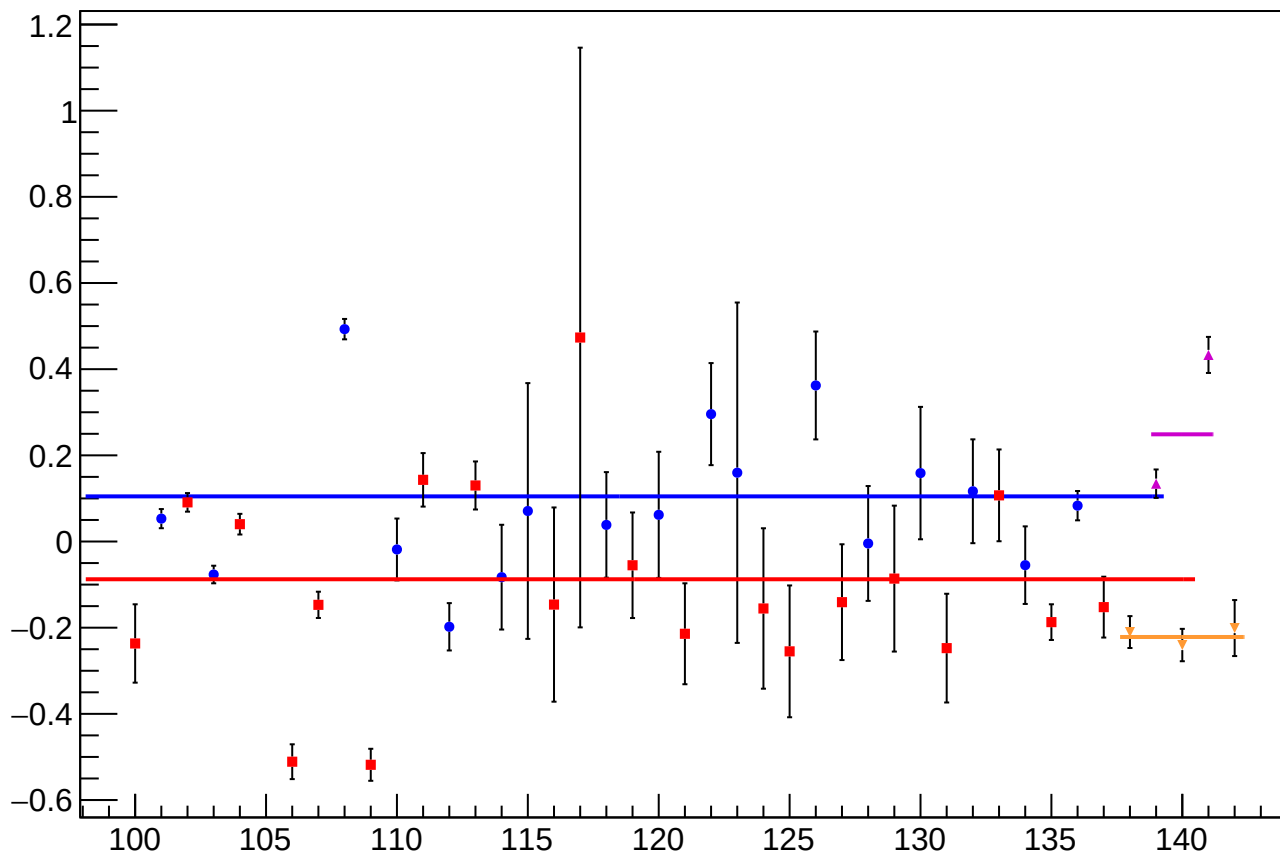
Left In: -52.869 $\pm$ 0.732 χ^2 /NDF: 439.8/1

9.907 $\pm$ 0.226 χ^2 /NDF: 27276.6/19

1.905 $\pm$ 0.168 χ^2 /NDF: 50276.0/41

-7.958 $\pm$ 0.250 χ^2 /NDF: 20189.0/21

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.222 ± 0.024 χ^2/NDF : 0.4/2

Right Out: -0.088 ± 0.011 χ^2/NDF : 391.7/19

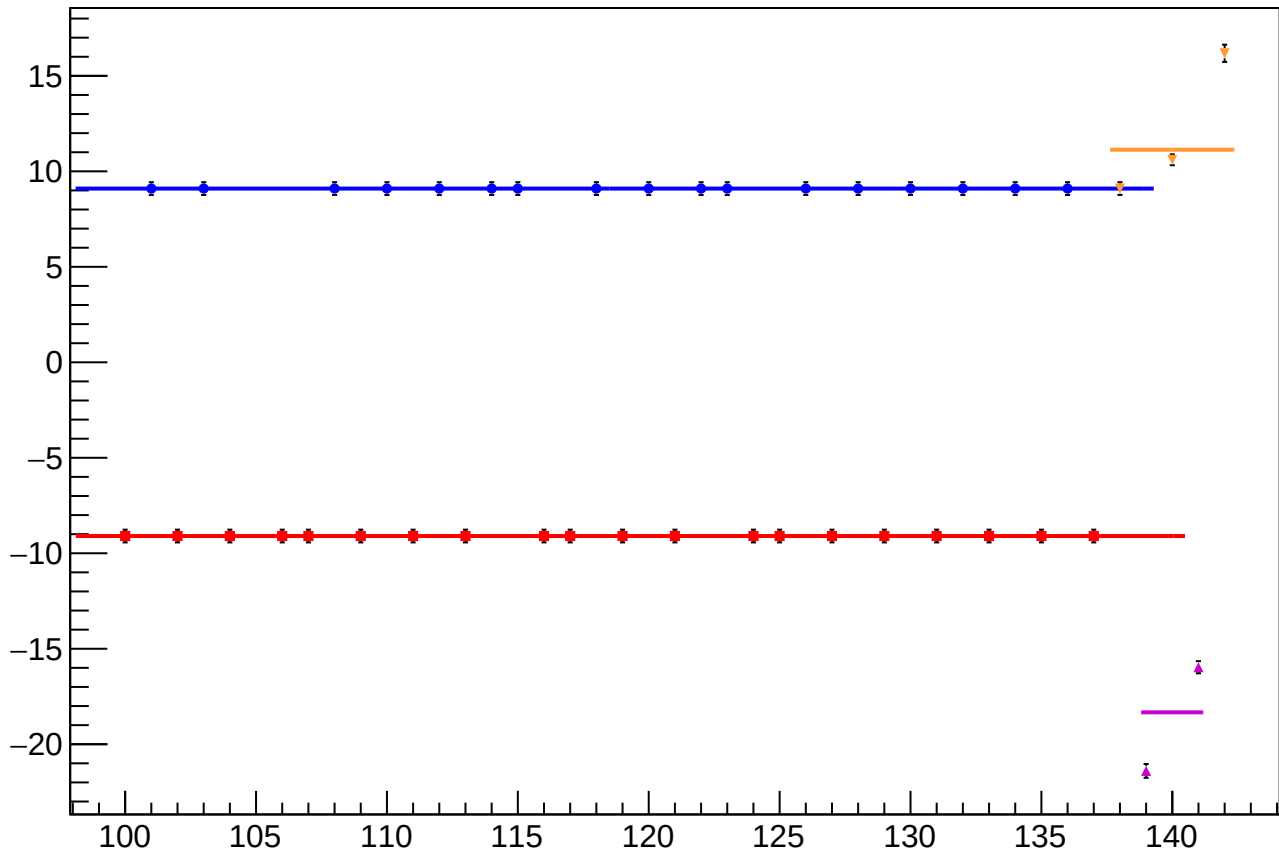
Left In: 0.249 ± 0.026 χ^2/NDF : 31.4/1

0.050 ± 0.010 χ^2/NDF : 549.4/19

0.007 ± 0.007 χ^2/NDF : 1151.3/41

-0.036 ± 0.010 χ^2/NDF : 565.9/21

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.097±/-0.081 χ^2 /NDF: 0.0/16

Left Out: 11.133±/-0.196 χ^2 /NDF:165.0/2

Right Out: -9.097±/-0.075 χ^2 /NDF: 0.0/19

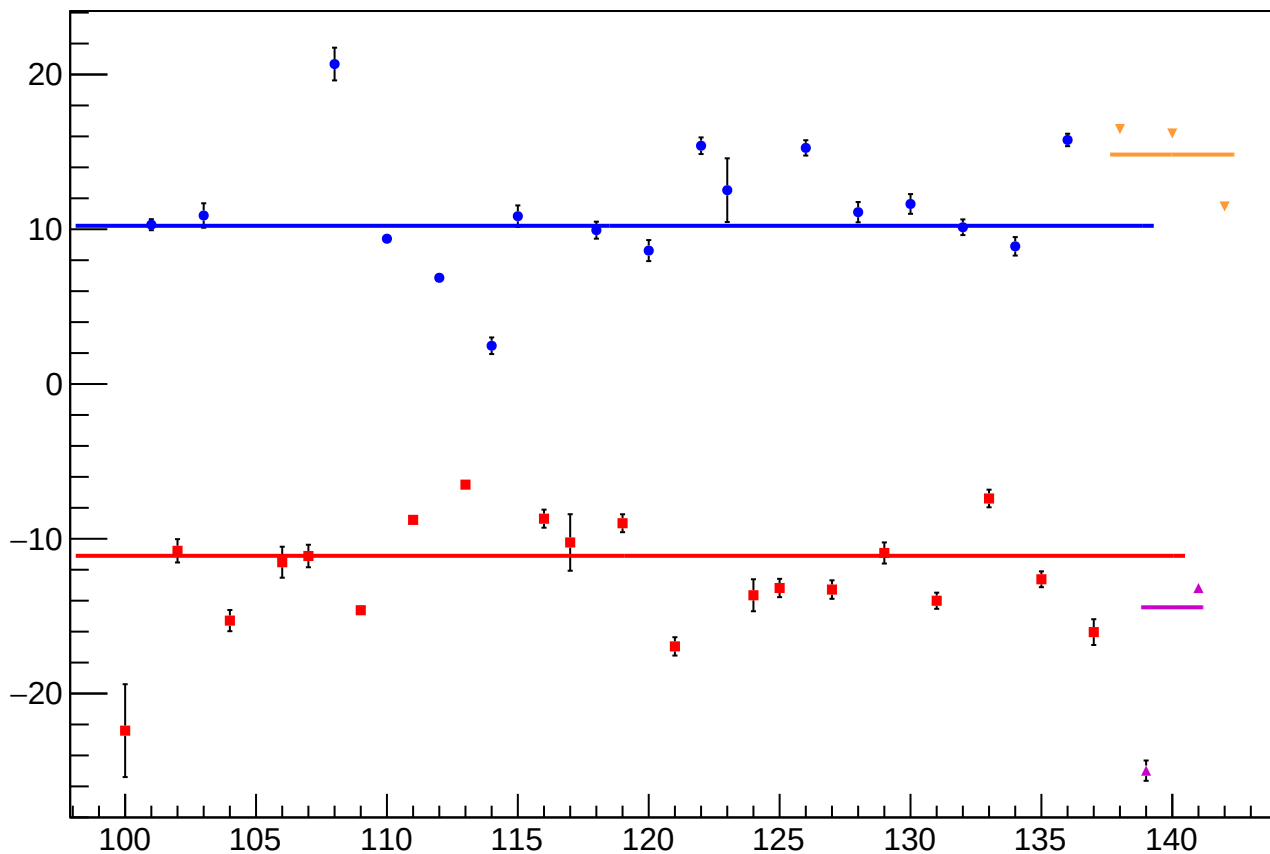
Left In: -18.331±/-0.239 χ^2 /NDF:126.9/1

9.396±/-0.075 χ^2 /NDF: 257.3/19

-0.733±/-0.052 χ^2 /NDF: 36550.3/41

-9.923±/-0.071 χ^2 /NDF: 1487.2/21

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.224 ± 0.119 $\chi^2/\text{NDF}: 877.6/16$

Left Out: 14.826 ± 0.157 $\chi^2/\text{NDF}: 199.7/2$

Right Out: -11.101 ± 0.116 $\chi^2/\text{NDF}: 817.4/19$

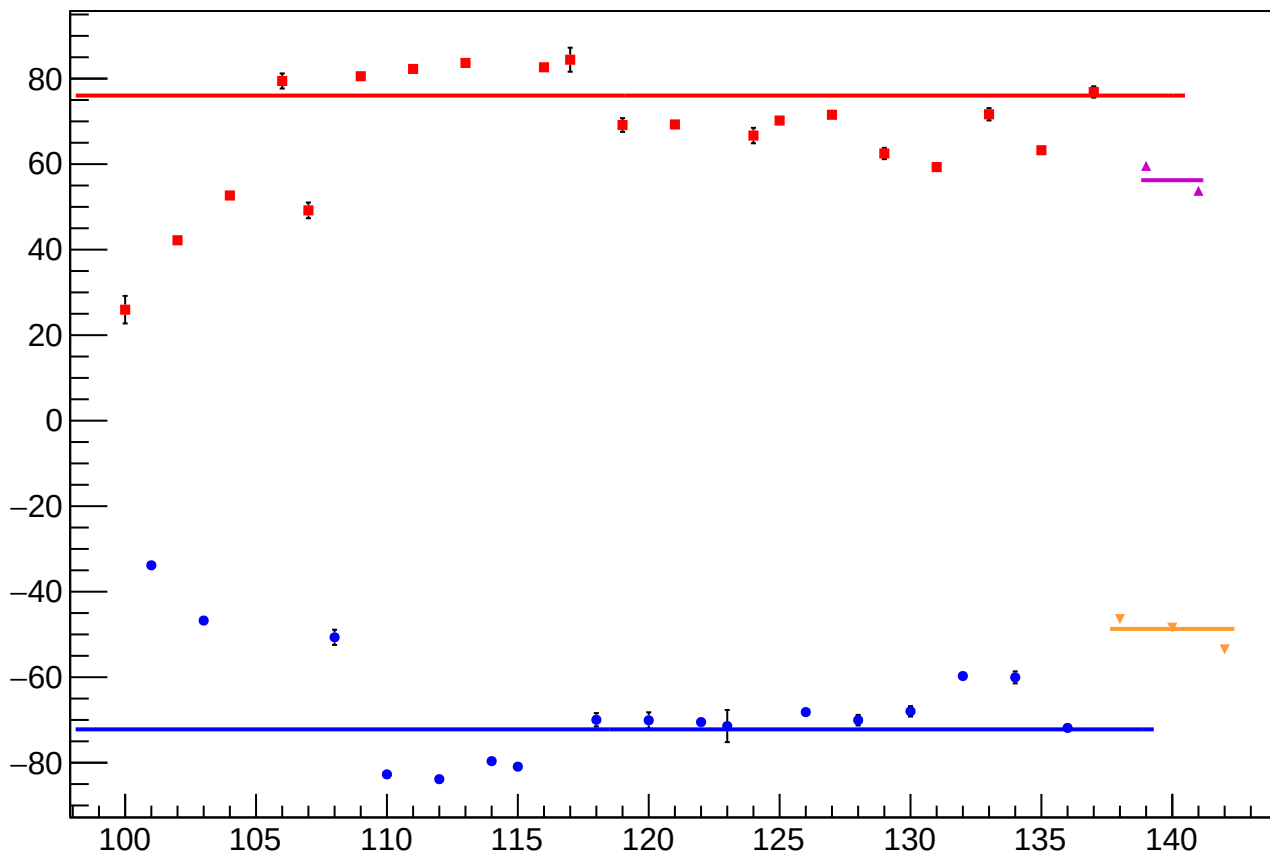
Left In: -14.428 ± 0.213 $\chi^2/\text{NDF}: 289.5/1$

11.904 ± 0.095 $\chi^2/\text{NDF}: 1624.1/19$

0.893 ± 0.069 $\chi^2/\text{NDF}: 32065.9/41$

-11.863 ± 0.102 $\chi^2/\text{NDF}: 1294.9/21$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.201+/-0.198 χ^2/NDF : 5566.9/16

Left Out: -48.707+/-0.210 χ^2/NDF :139.0/2

Right Out: 76.037+/-0.181 χ^2/NDF : 3474.4/19

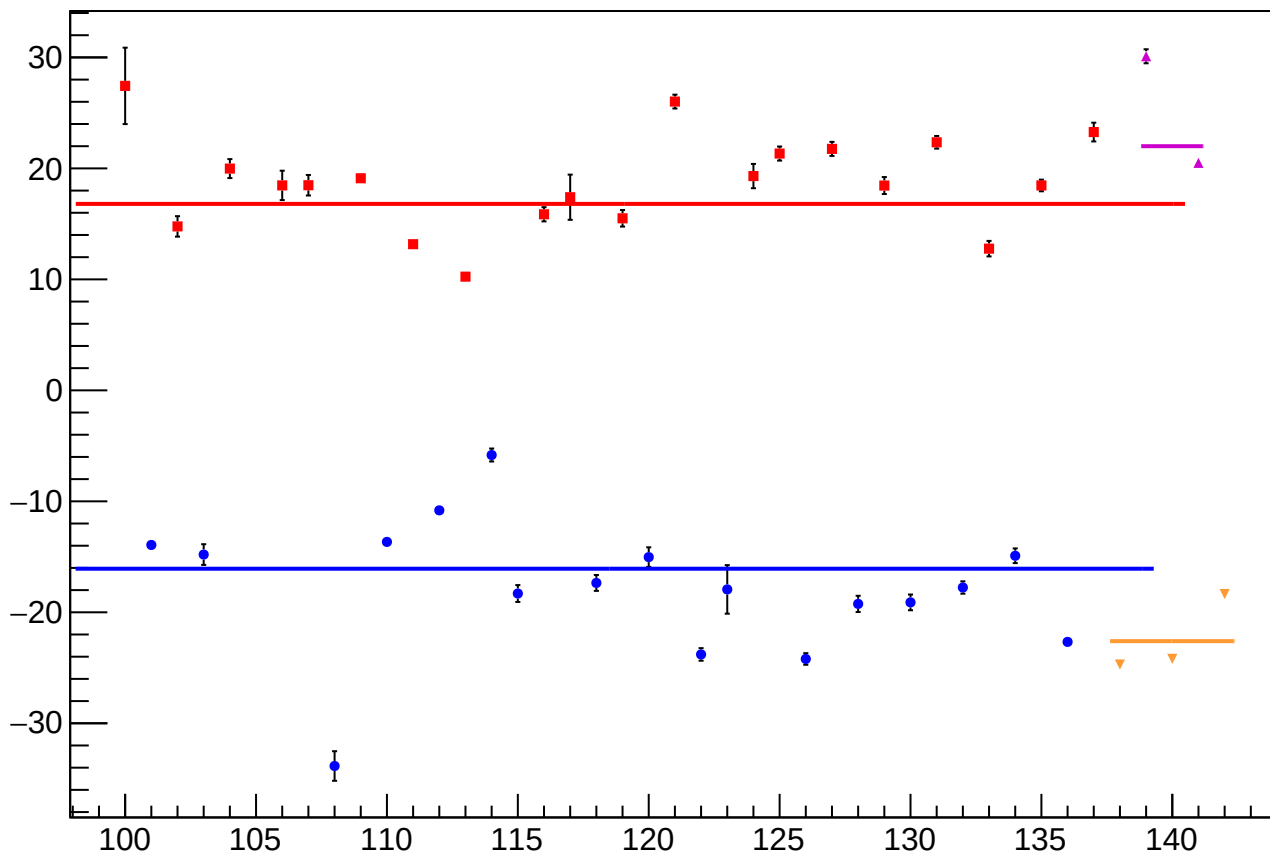
Left In: 56.247+/-0.256 χ^2/NDF :126.8/1

-61.154+/-0.144 χ^2/NDF : 12346.5/19

2.520+/-0.103 χ^2/NDF : 421605.9/41

69.461+/-0.148 χ^2/NDF : 7593.0/21

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.072 $\pm$ 0.132 χ^2/NDF : 1640.9/16

Left Out: -22.599 $\pm$ 0.188 χ^2/NDF : 215.2/2

Right Out: 16.801 $\pm$ 0.128 χ^2/NDF : 1215.8/19

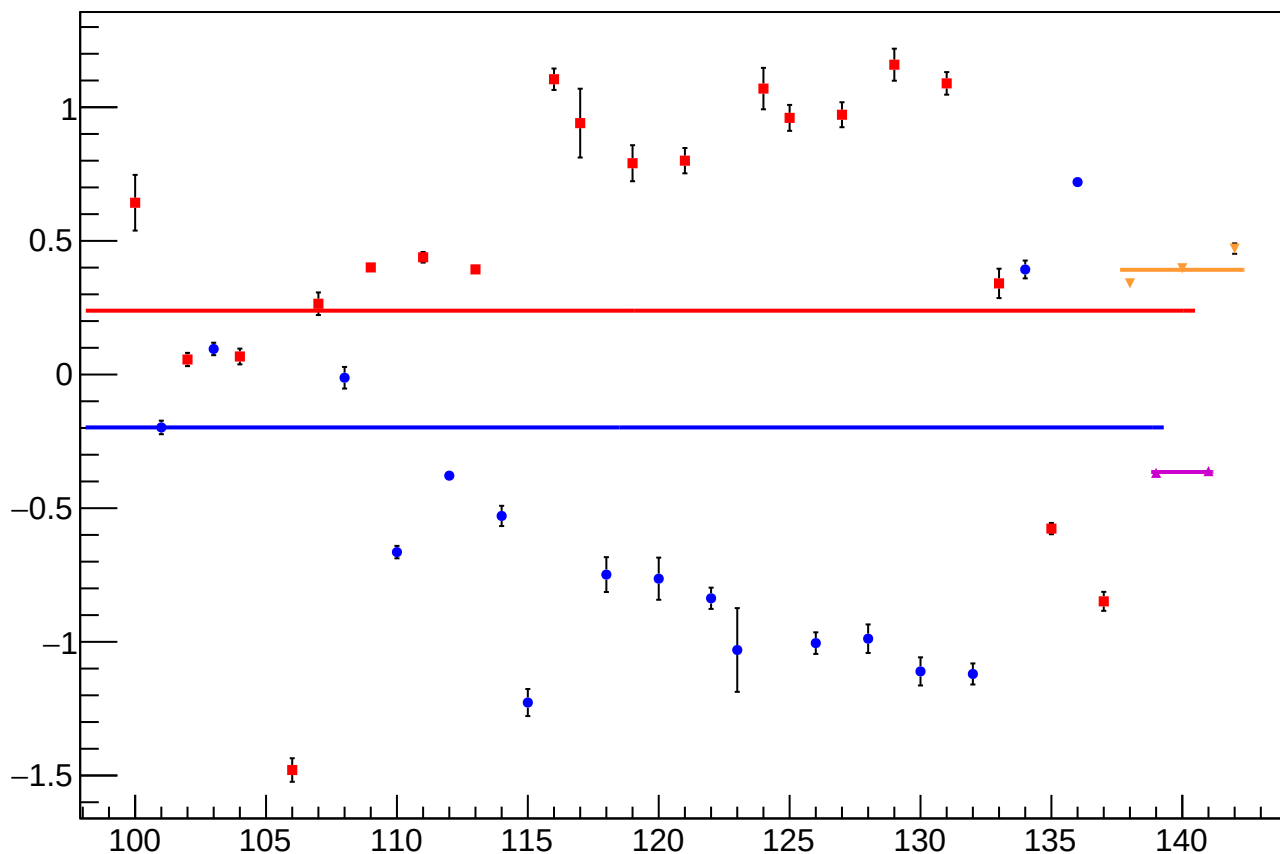
Left In: 22.000 $\pm$ 0.250 χ^2/NDF : 195.0/1

-18.232 $\pm$ 0.108 χ^2/NDF : 2663.7/19

-1.114 $\pm$ 0.078 χ^2/NDF : 57352.1/41

17.882 $\pm$ 0.114 χ^2/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: 0.392±0.009 χ^2/NDF : 29.2/2

Right Out: 0.239±0.007 χ^2/NDF : 6251.7/19

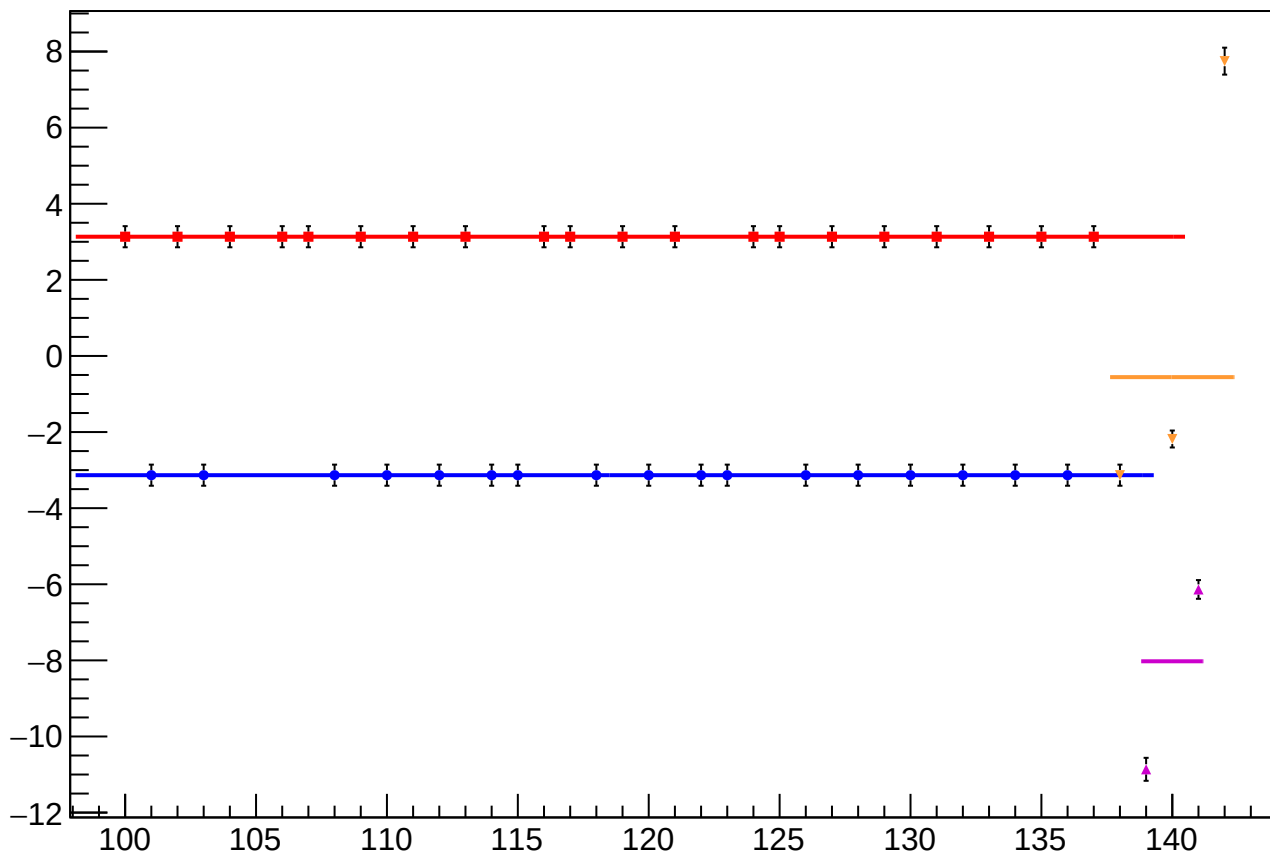
Left In: -0.365±0.010 χ^2/NDF : 0.1/1

0.054±0.006 χ^2/NDF : 8984.4/19

0.041±0.004 χ^2/NDF : 17745.4/41

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: -0.557 ± 0.156 χ^2/NDF : 689.5/2

Right Out: 3.133 ± 0.062 χ^2/NDF : 0.0/19

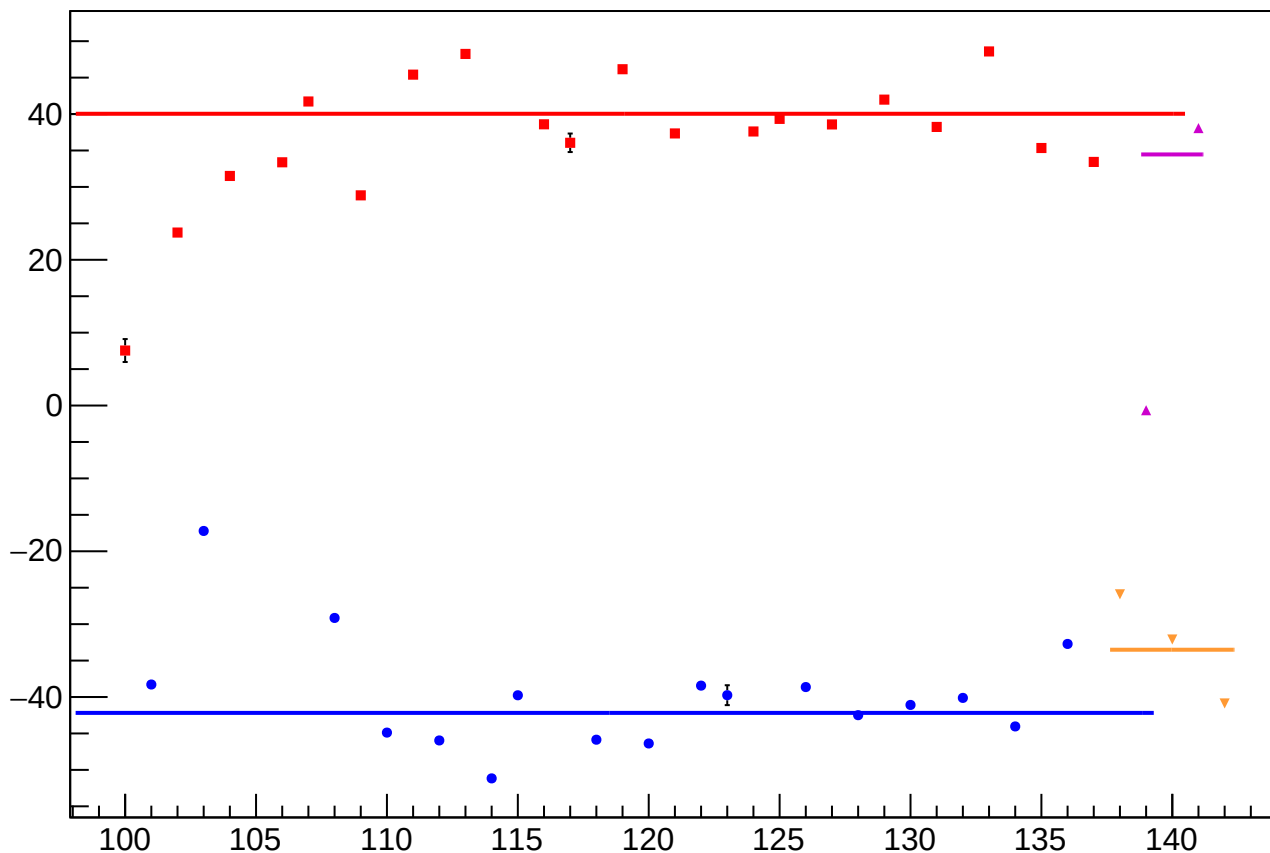
Left In: -8.024 ± 0.191 χ^2/NDF : 147.3/1

-2.729 ± 0.062 χ^2/NDF : 919.7/19

-0.221 ± 0.043 χ^2/NDF : 7308.2/41

2.066 ± 0.059 χ^2/NDF : 3240.7/21

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.179+/-0.078 χ^2/NDF : 6573.8/16

Left Out: -33.511+/-0.125 χ^2/NDF :1947.0/2

Right Out: 40.039+/-0.073 χ^2/NDF : 11323.4/19

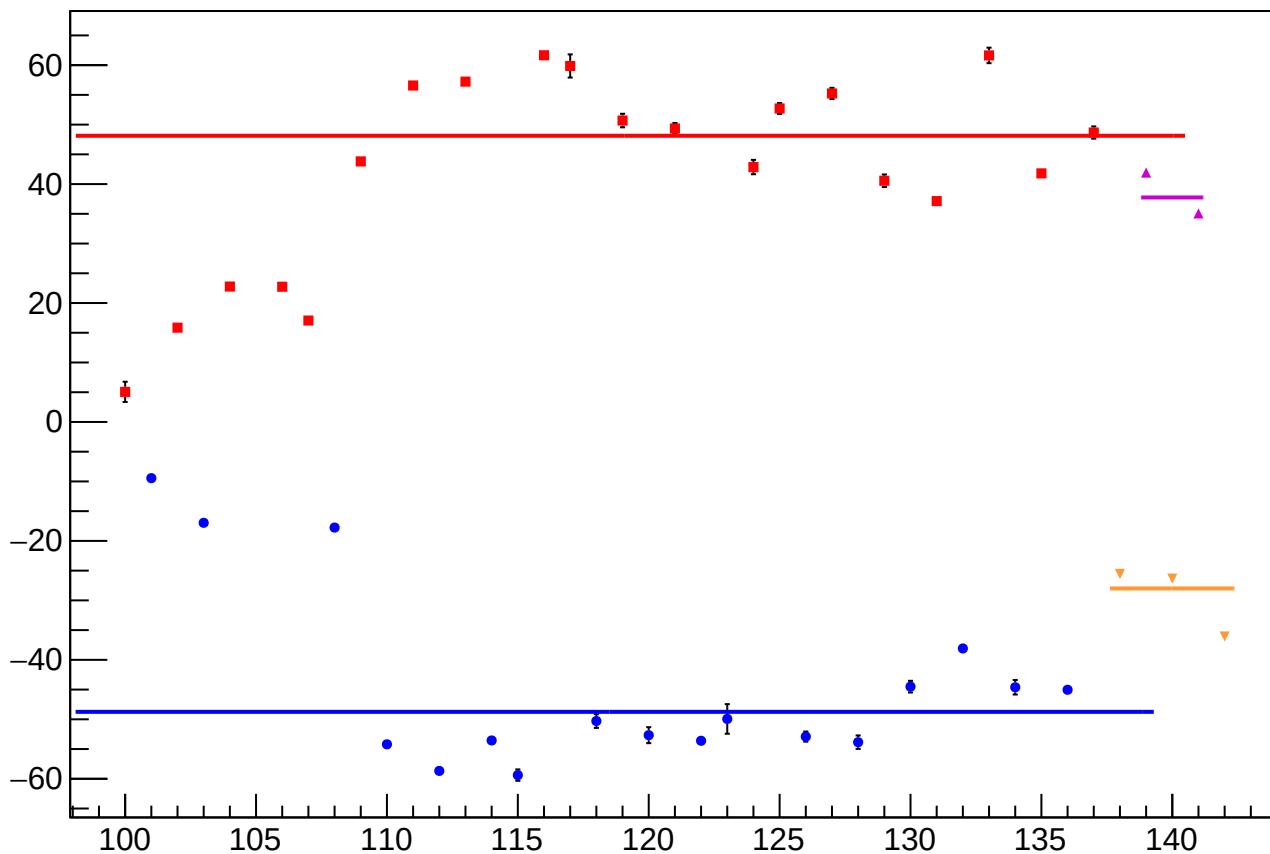
Left In: 34.458+/-0.166 χ^2/NDF :4581.9/1

-39.751+/-0.066 χ^2/NDF : 12000.9/19

-0.670+/-0.047 χ^2/NDF : 737119.1/41

39.145+/-0.067 χ^2/NDF : 16849.8/21

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.743+/-0.124 χ^2/NDF : 14658.5/16

Left Out: -27.992+/-0.167 χ^2/NDF : 568.5/2

Right Out: 48.126+/-0.107 χ^2/NDF : 11767.8/19

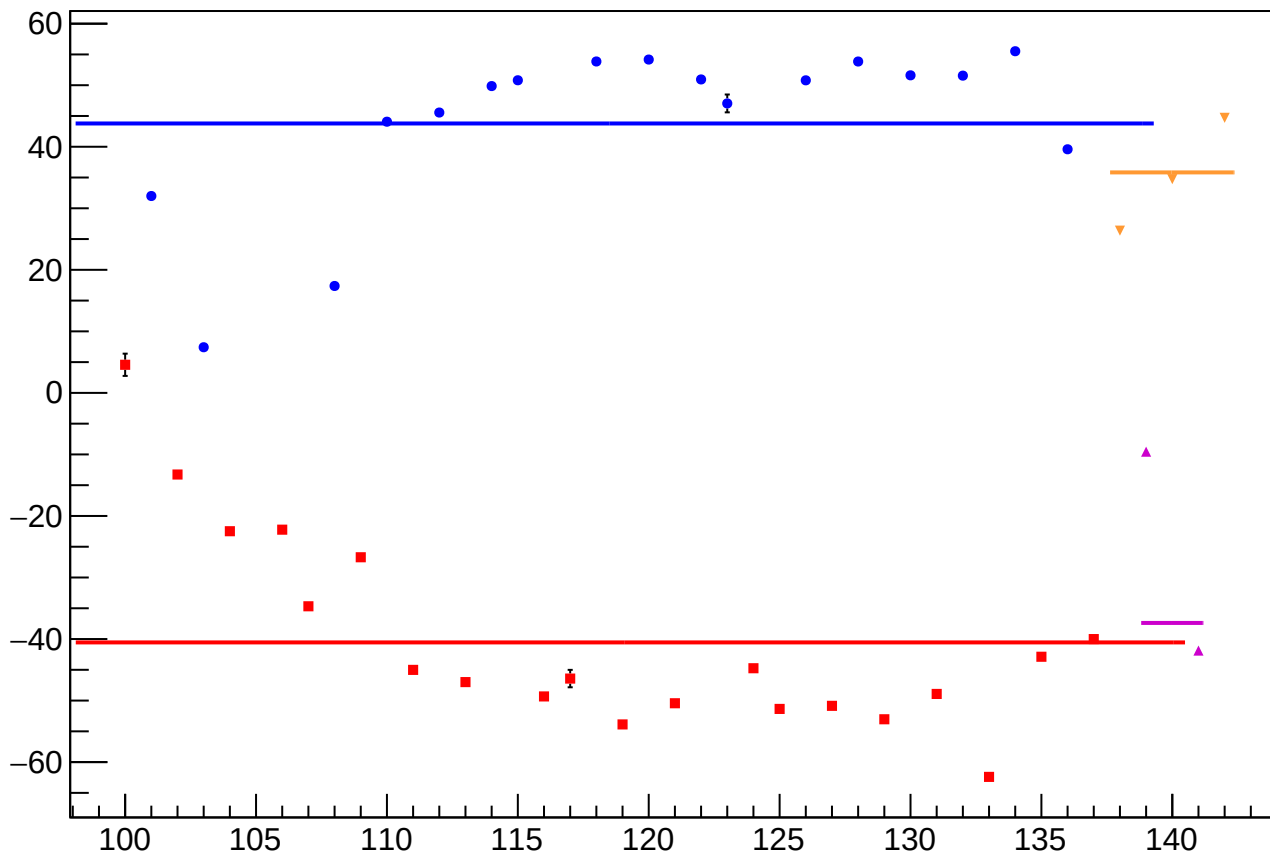
Left In: 37.749+/-0.204 χ^2/NDF : 269.5/1

-41.344+/-0.100 χ^2/NDF : 25144.6/19

4.504+/-0.069 χ^2/NDF : 440693.8/41

45.891+/-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: 35.830+/-0.149 χ^2/NDF : 2026.0/2

Right Out: -40.549+/-0.080 χ^2/NDF : 17598.0/19

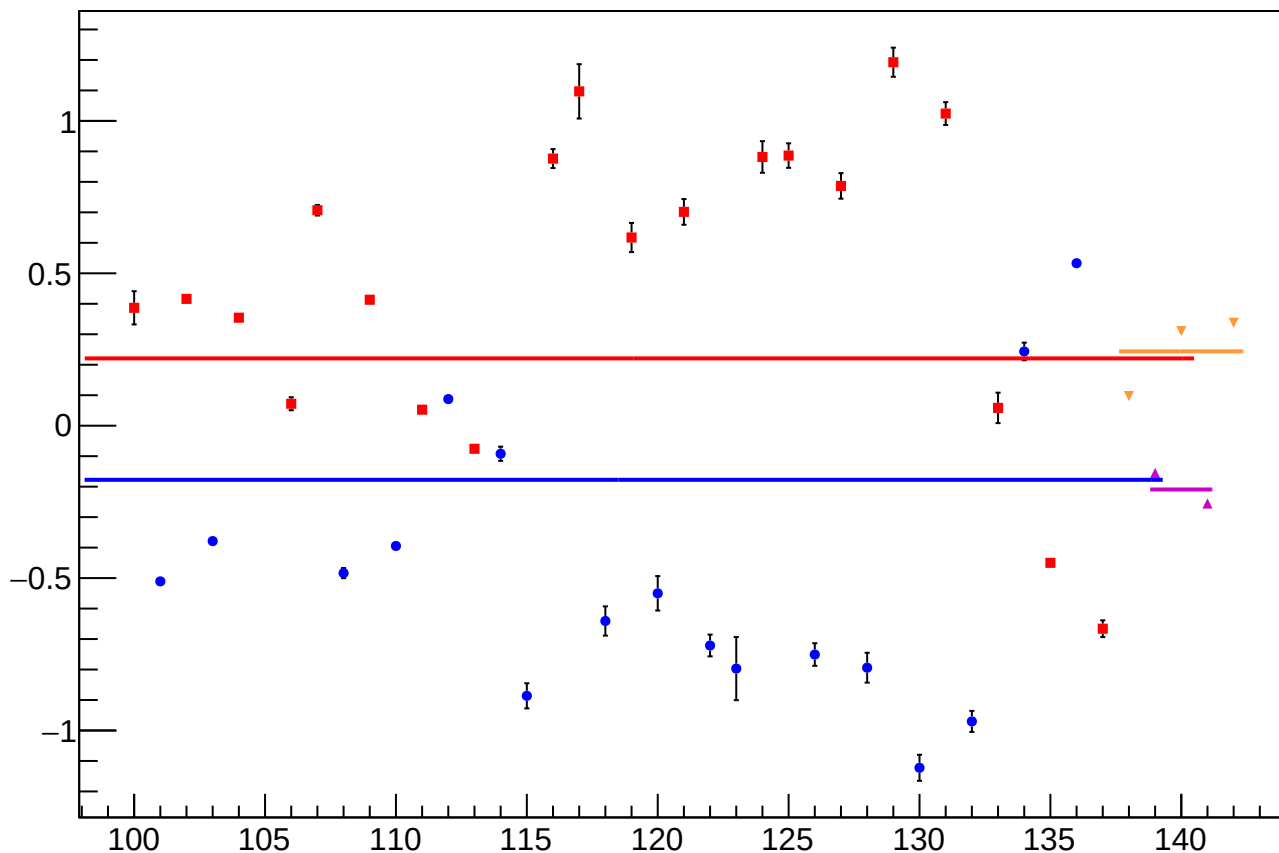
Left In: -37.384+/-0.195 χ^2/NDF : 3272.3/1

41.778+/-0.075 χ^2/NDF : 14788.6/19

0.381+/-0.053 χ^2/NDF : 639722.1/41

-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 χ^2/NDF : 7375.8/16

Left Out: 0.244 ± 0.007 χ^2/NDF : 230.0/2

Right Out: 0.221 ± 0.004 χ^2/NDF : 7566.8/19

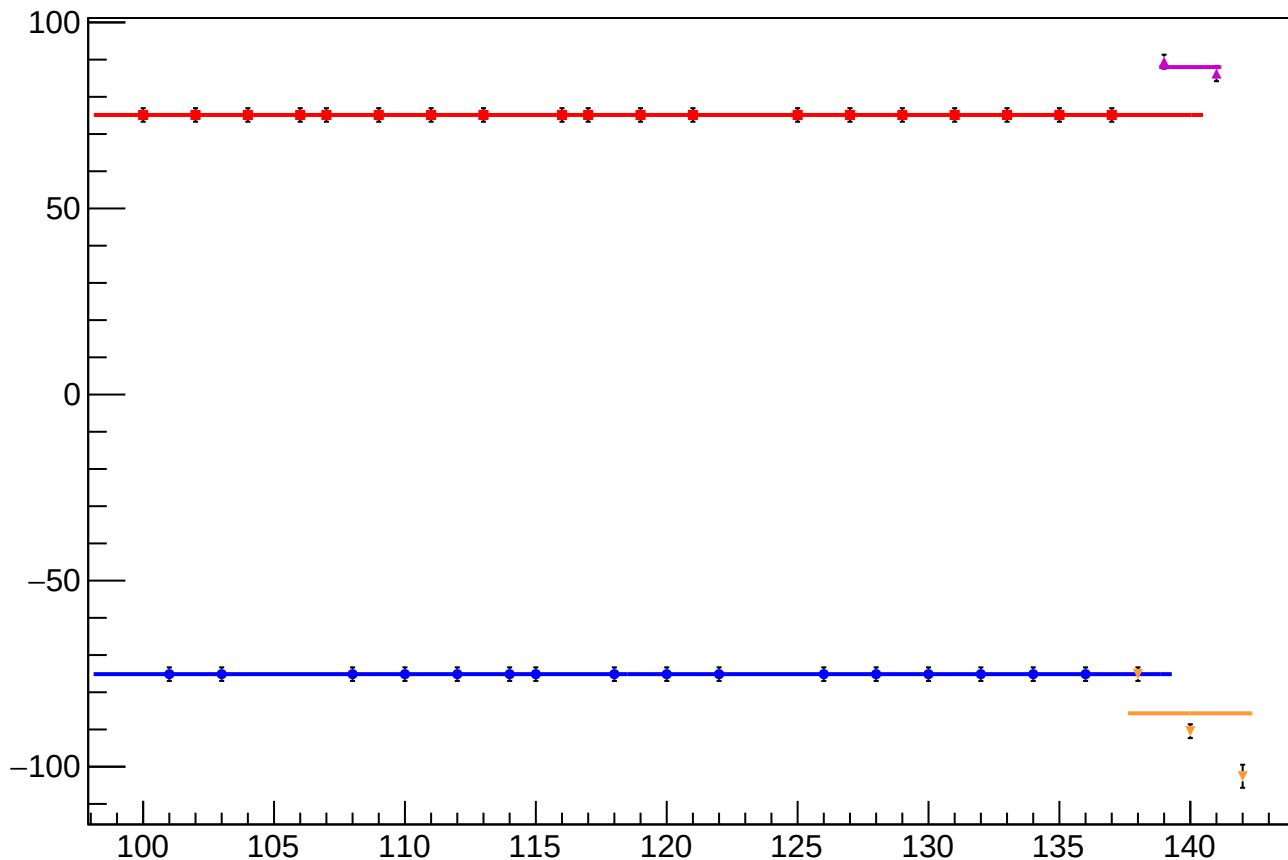
Left In: -0.209 ± 0.008 χ^2/NDF : 41.3/1

-0.040 ± 0.004 χ^2/NDF : 10083.4/19

0.044 ± 0.003 χ^2/NDF : 20895.8/41

0.120 ± 0.004 χ^2/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

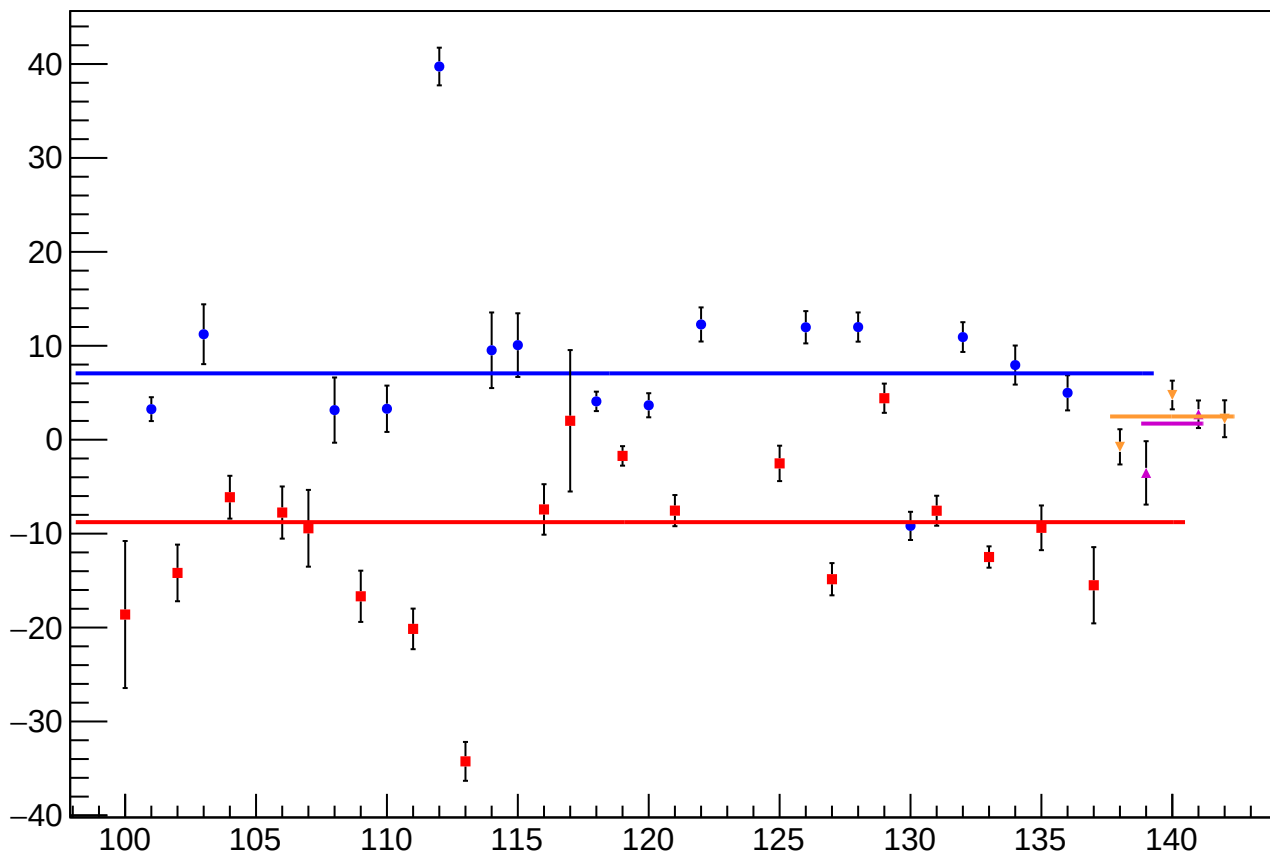
Left In: 87.995 $\pm$ 1.388 χ^2/NDF : 1.3/1

-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 $\chi^2/\text{NDF}: 352.4/18$

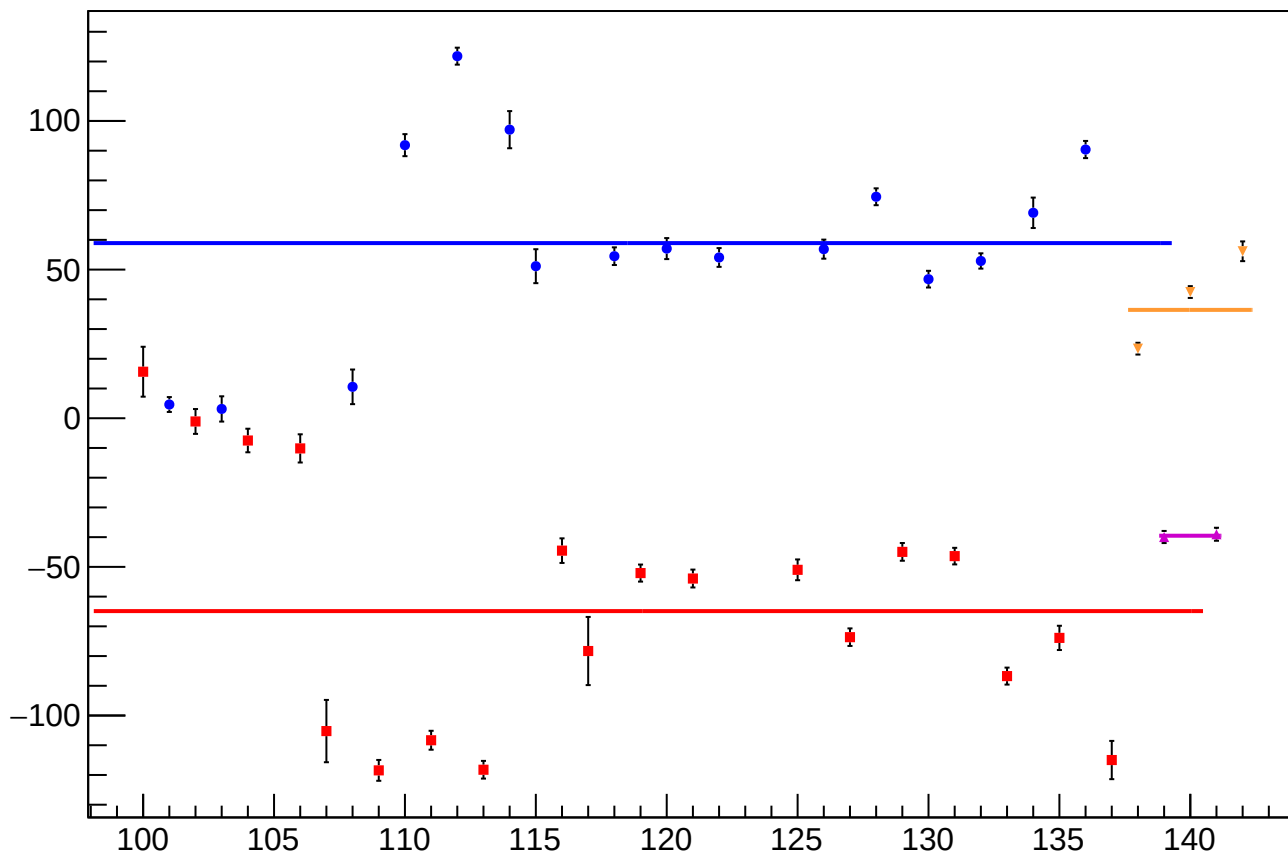
Left In: 1.716 ± 1.346 $\chi^2/\text{NDF}: 2.9/1$

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+/-0.831 χ^2/NDF : 1496.7/15

Left Out: 36.447+/-1.292 χ^2/NDF : 87.6/2

Right Out: -64.875+/-0.838 χ^2/NDF : 1719.5/18

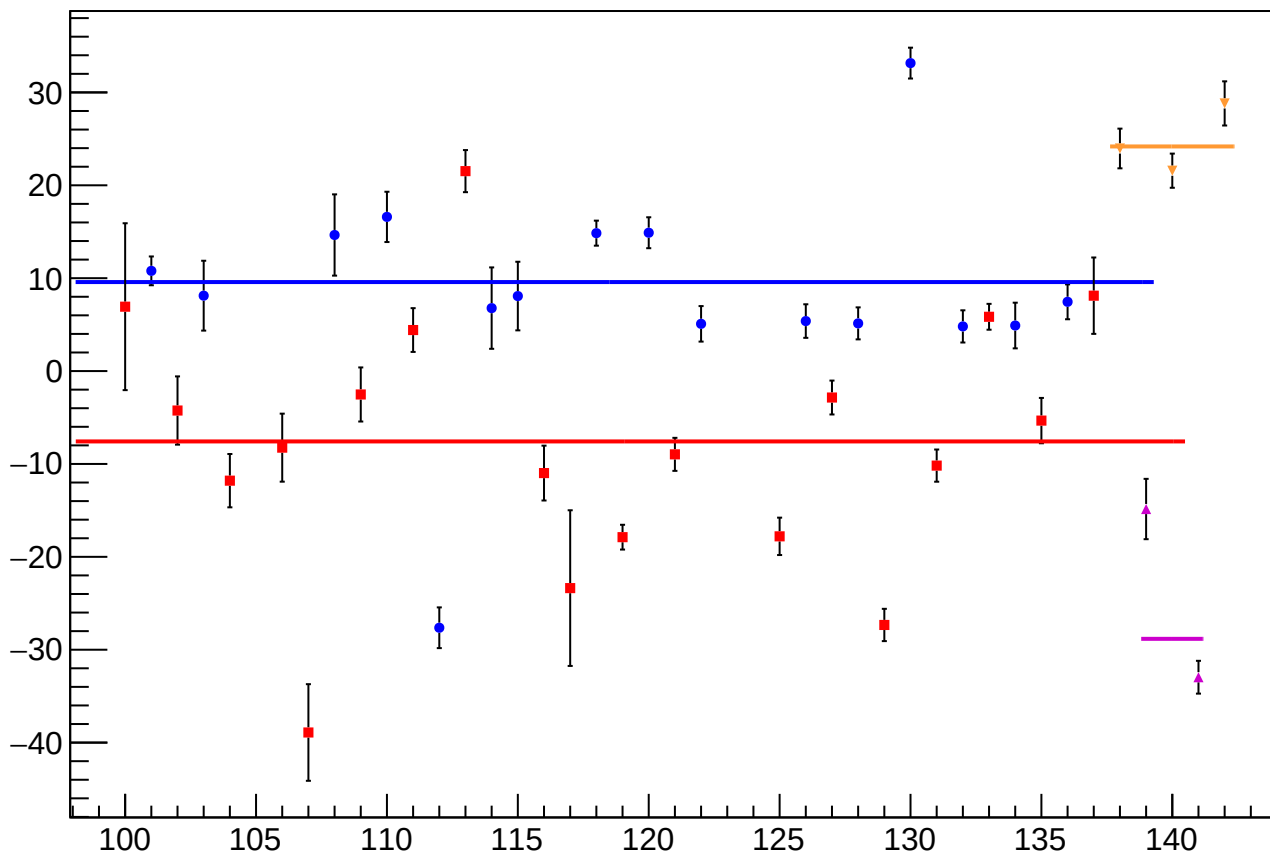
Left In: -39.519+/-1.491 χ^2/NDF : 0.1/1

52.336+/-0.699 χ^2/NDF : 1798.1/18

-0.790+/-0.505 χ^2/NDF : 15813.5/39

-58.791+/-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

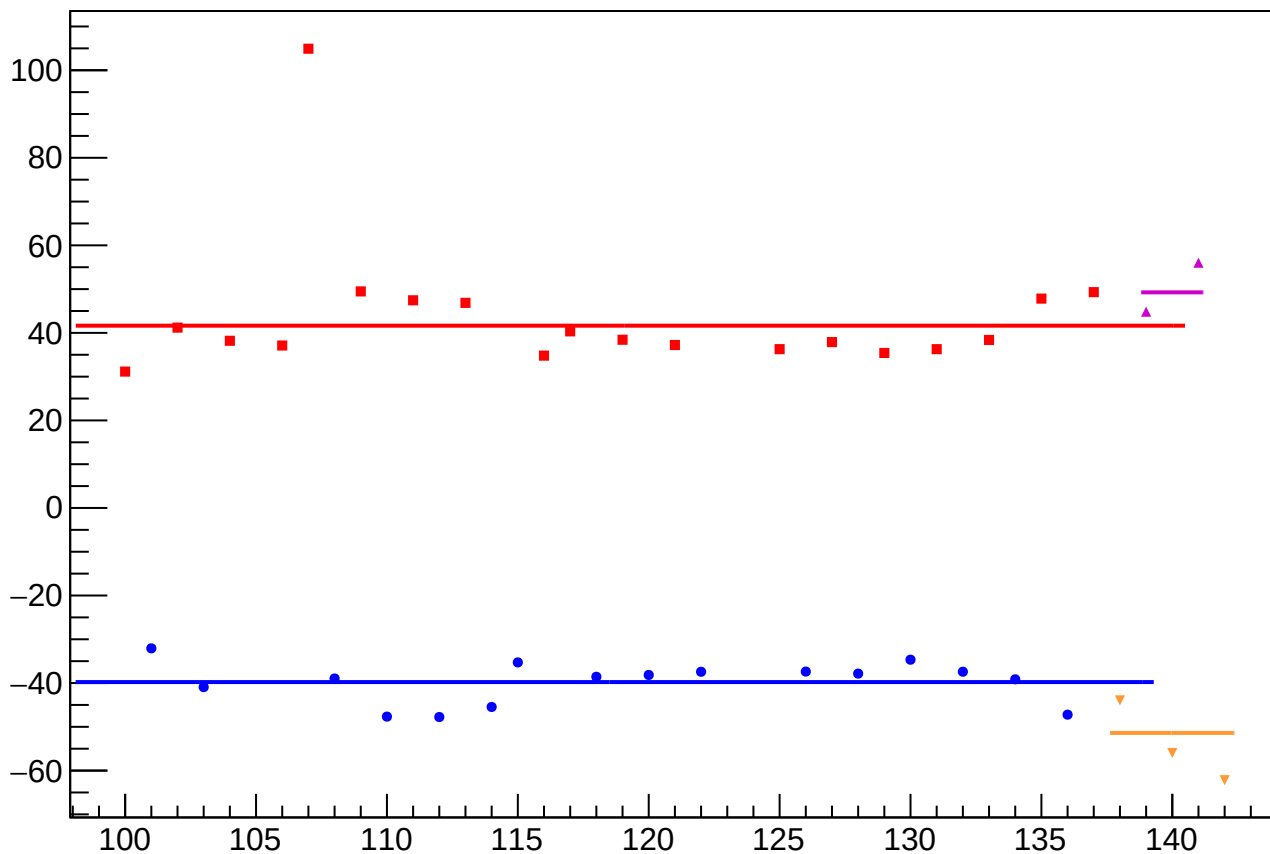
Left In: -28.829±/1.552 χ^2/NDF : 24.0/1

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

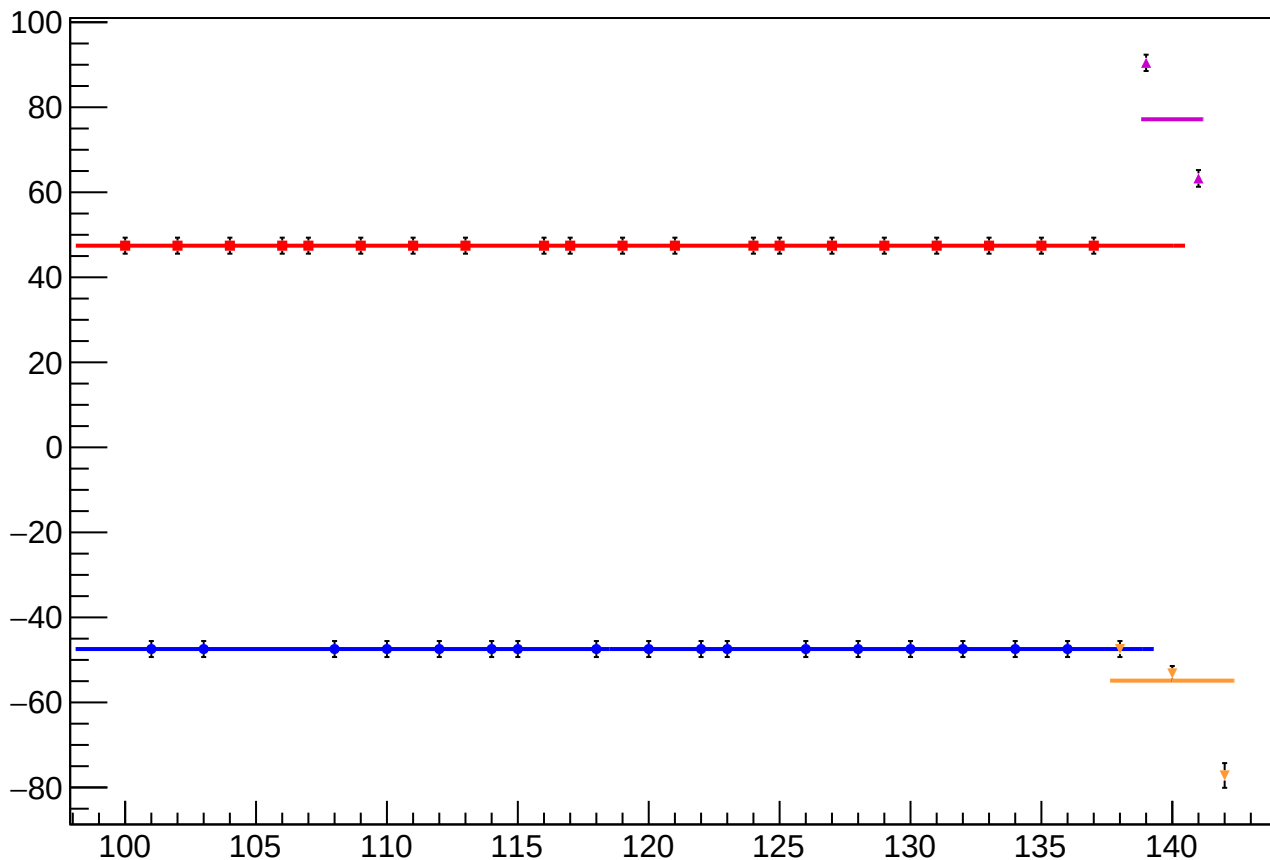
Left In: 49.258+/-0.056 χ^2/NDF : 9676.5/1

-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: -54.877 ± 1.174 χ^2/NDF : 75.5/2

Right Out: 47.442 ± 0.421 χ^2/NDF : 0.0/19

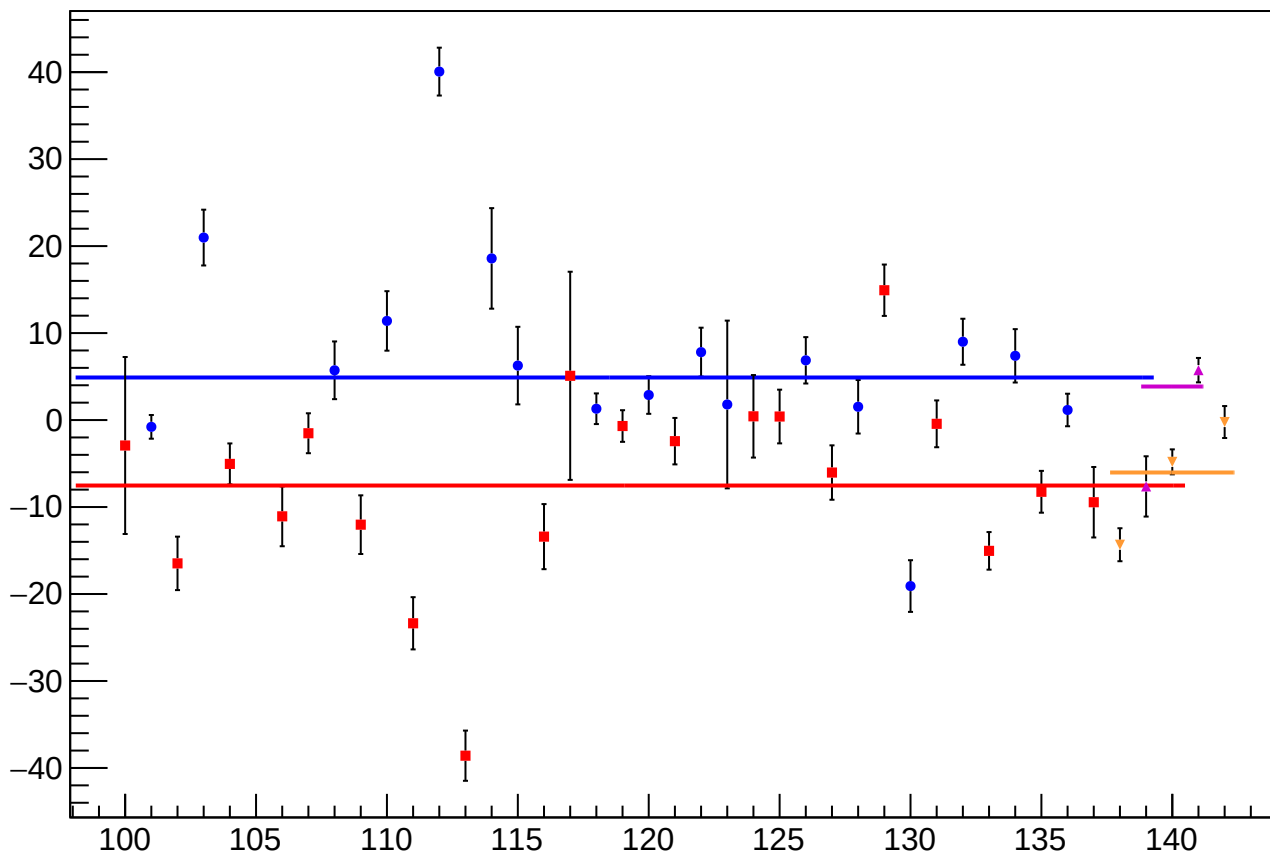
Left In: 77.175 ± 1.374 χ^2/NDF : 97.9/1

-48.421 ± 0.426 χ^2/NDF : 110.3/19

3.525 ± 0.293 χ^2/NDF : 28813.7/41

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: -6.029 ± 0.972 $\chi^2/\text{NDF}: 29.9/2$

Right Out: -7.528 ± 0.651 $\chi^2/\text{NDF}: 271.3/19$

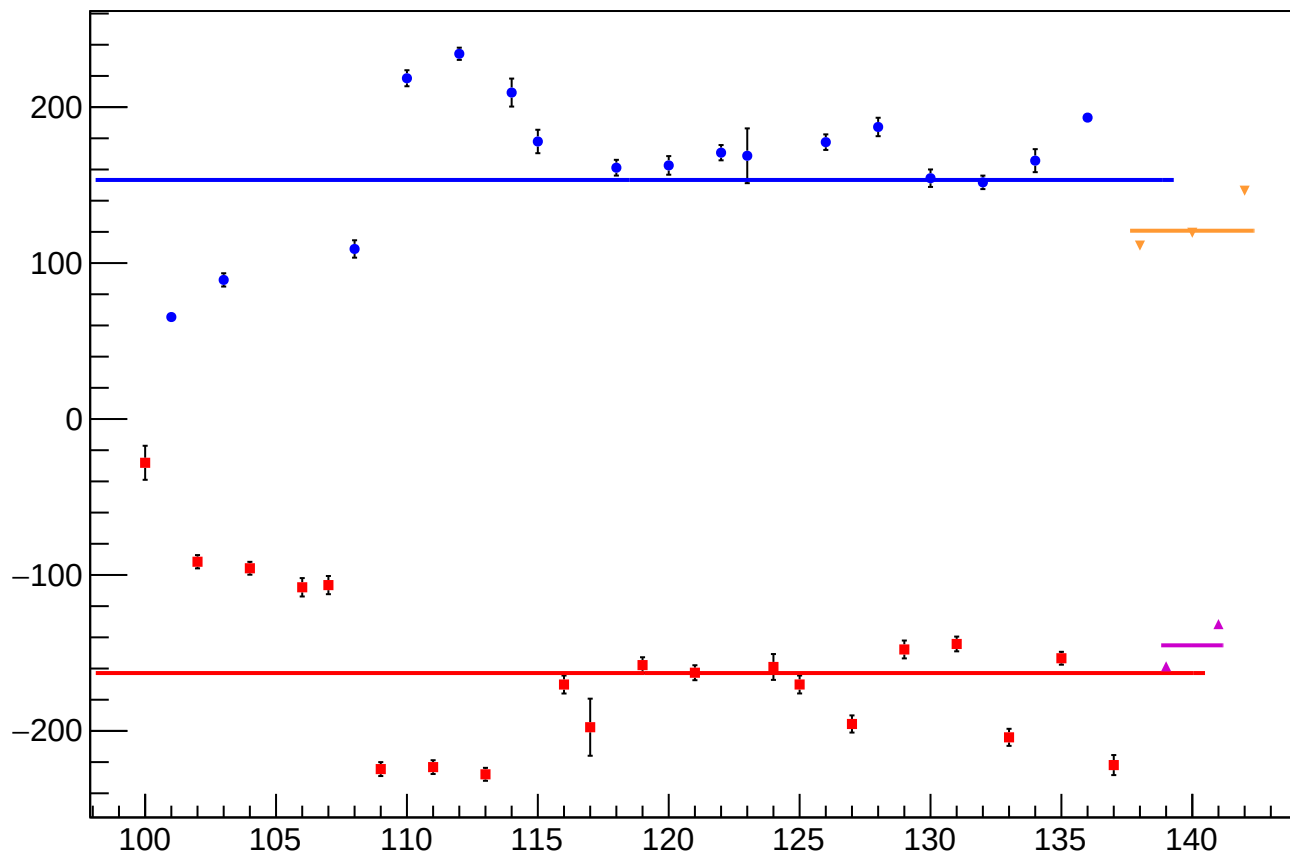
Left In: 3.856 ± 1.301 $\chi^2/\text{NDF}: 12.8/1$

1.727 ± 0.523 $\chi^2/\text{NDF}: 414.9/19$

-1.393 ± 0.389 $\chi^2/\text{NDF}: 839.7/41$

-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: 120.746 ± 1.260 χ^2/NDF : 90.5/2

Right Out: -162.891 ± 1.174 χ^2/NDF : 1712.3/19

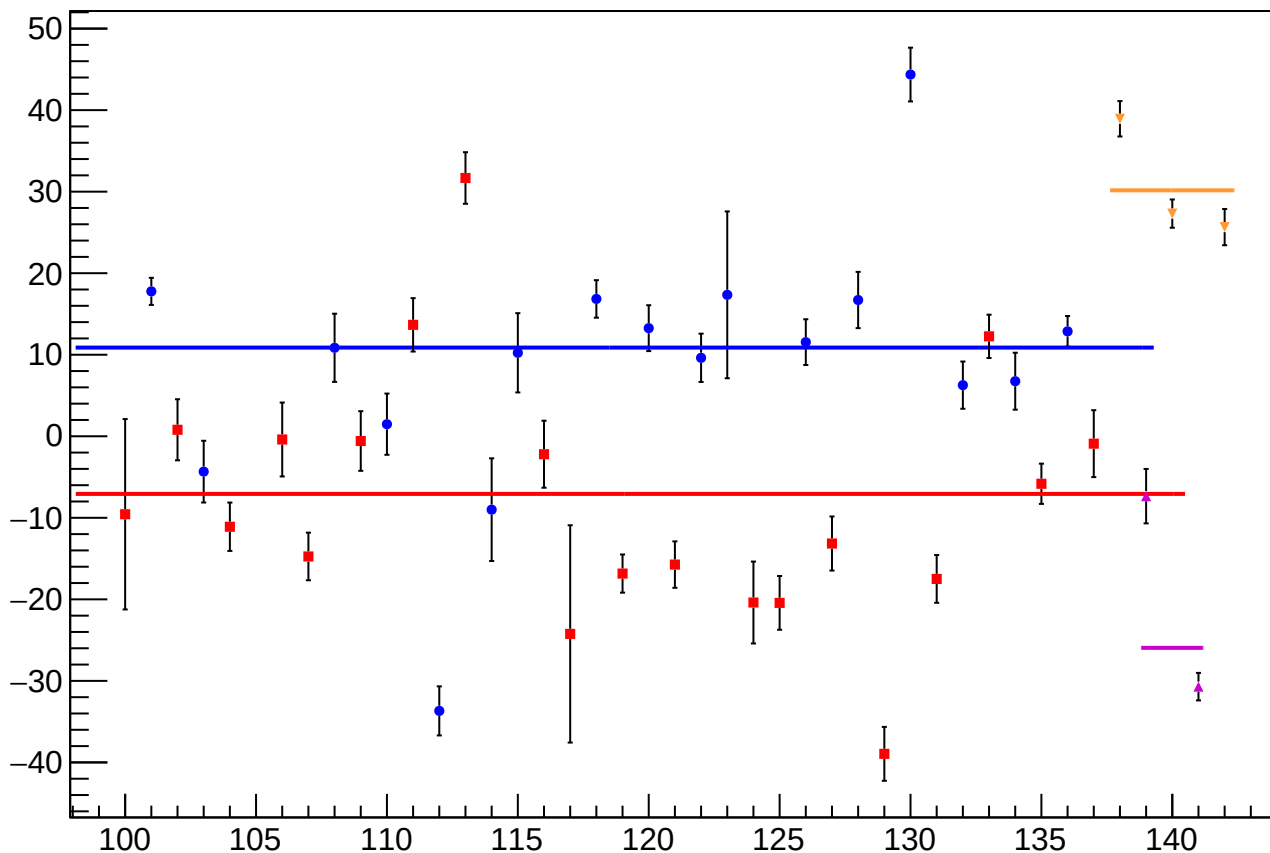
Left In: -145.116 ± 1.474 χ^2/NDF : 84.3/1

138.574 ± 0.847 χ^2/NDF : 2723.0/19

3.151 ± 0.623 χ^2/NDF : 60193.4/41

-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: 30.164+/-1.157 χ^2/NDF : 23.2/2

Right Out: -7.068+/-0.747 χ^2/NDF : 426.2/19

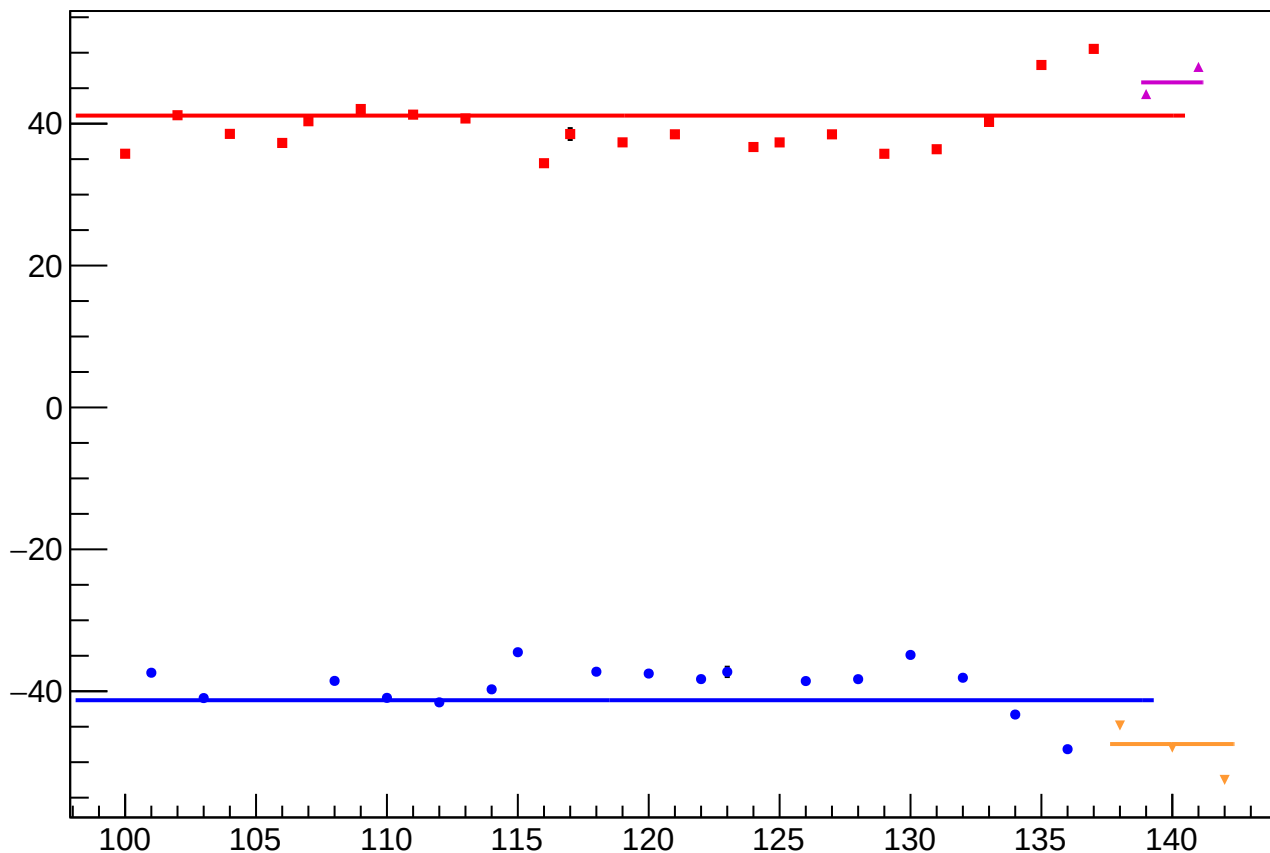
Left In: -25.950+/-1.506 χ^2/NDF : 39.0/1

16.191+/-0.607 χ^2/NDF : 612.6/19

4.004+/-0.450 χ^2/NDF : 2096.1/41

-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: -47.442 ± 0.052 $\chi^2/\text{NDF}: 2729.0/2$

Right Out: 41.138 ± 0.039 $\chi^2/\text{NDF}: 12228.3/19$

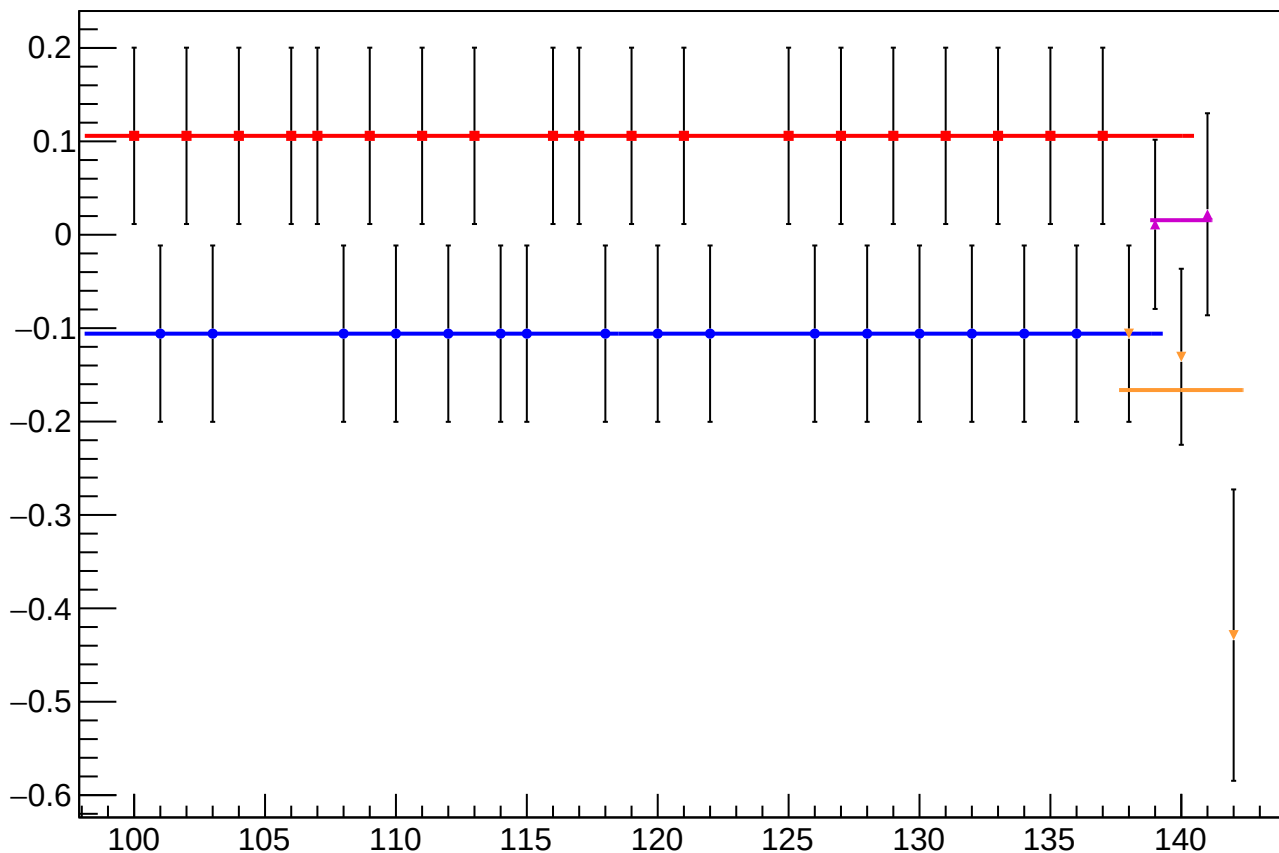
Left In: 45.817 ± 0.055 $\chi^2/\text{NDF}: 1168.9/1$

-43.445 ± 0.031 $\chi^2/\text{NDF}: 24387.0/19$

-1.341 ± 0.022 $\chi^2/\text{NDF}: 3824390.9/41$

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 ± 0.024 χ^2/NDF : 0.0/15

Left Out: -0.166 ± 0.061 χ^2/NDF : 3.4/2

Right Out: 0.106 ± 0.022 χ^2/NDF : 0.0/18

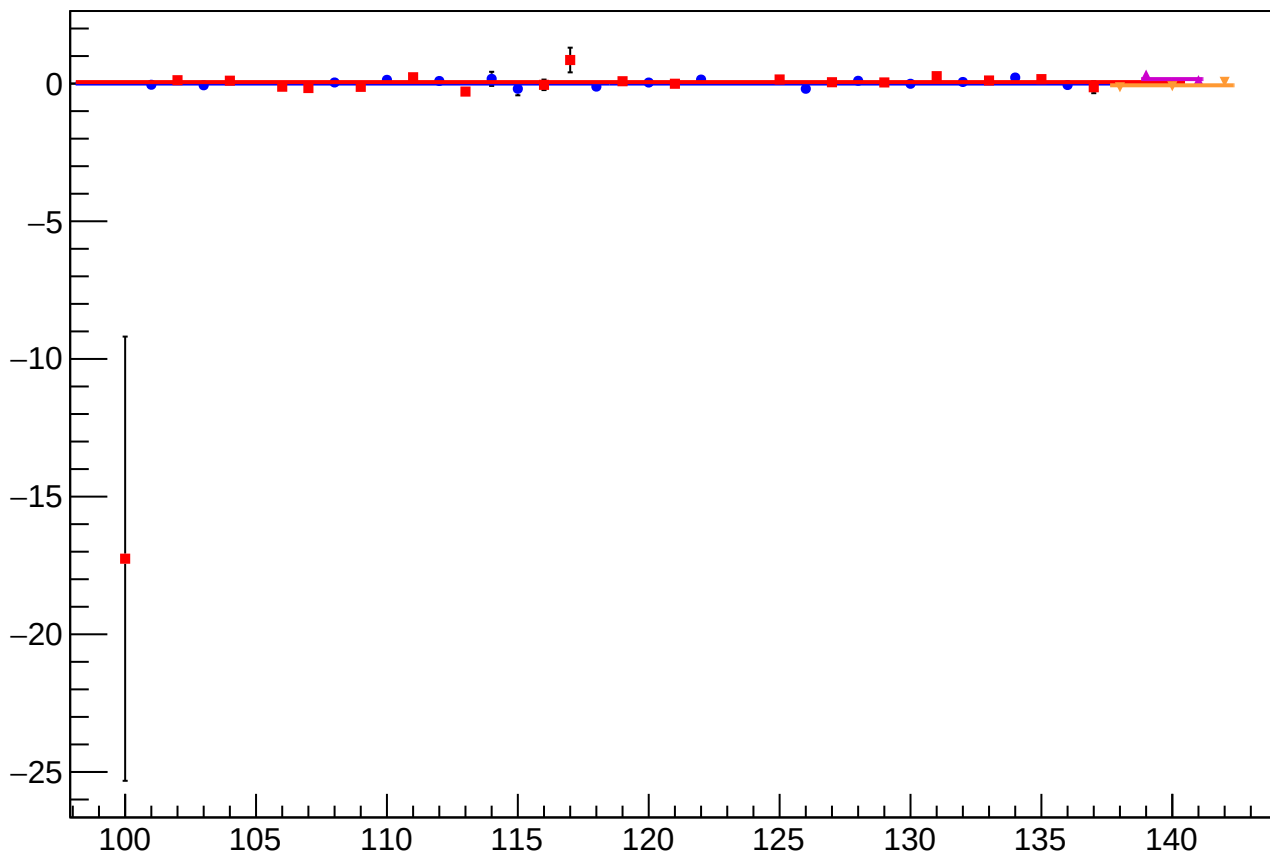
Left In: 0.016 ± 0.069 χ^2/NDF : 0.0/1

-0.114 ± 0.022 χ^2/NDF : 4.2/18

-0.001 ± 0.015 χ^2/NDF : 54.8/39

0.098 ± 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

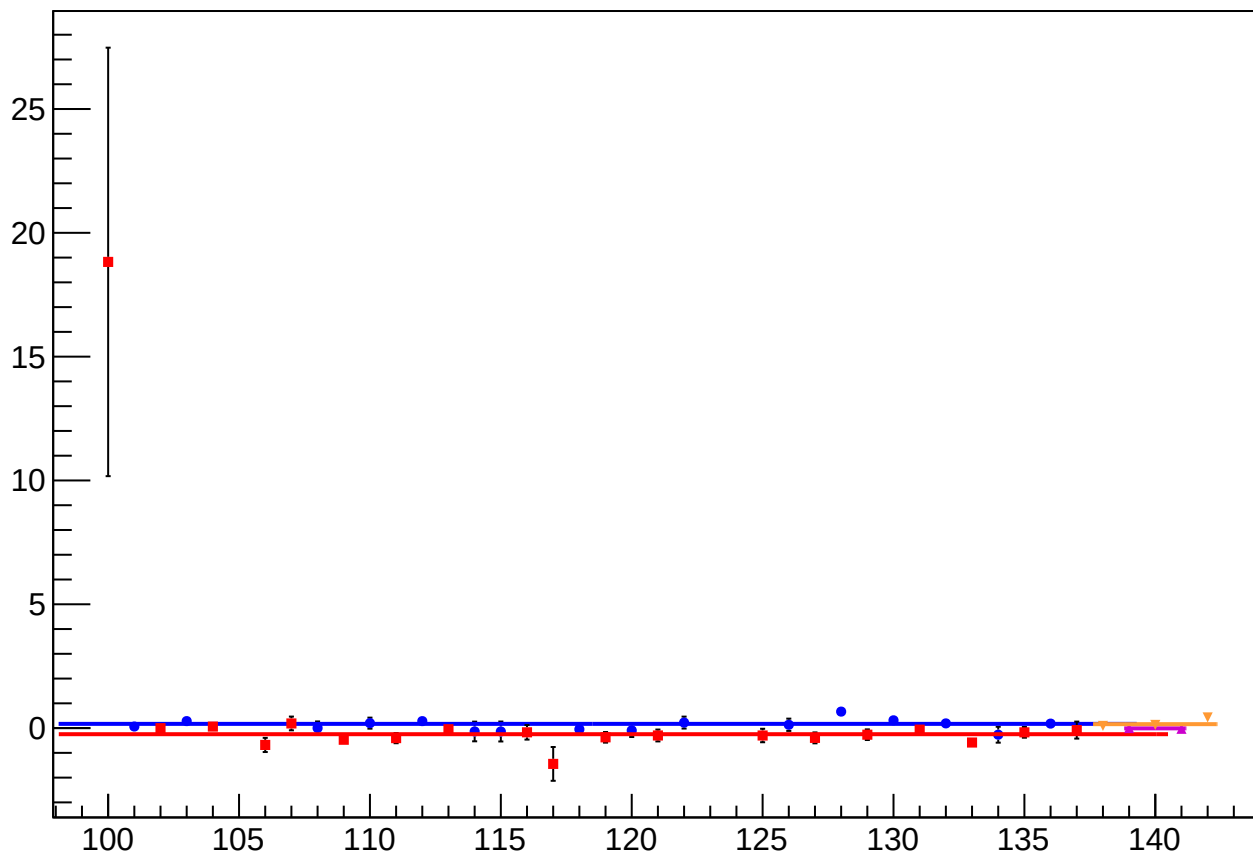
Left In: 0.163 ± 0.070 χ^2/NDF : 1.2/1

-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 $\chi^2/\text{NDF}: 13.7/15$

Left Out: 0.159 ± 0.066 $\chi^2/\text{NDF}: 3.2/2$

Right Out: -0.246 ± 0.054 $\chi^2/\text{NDF}: 24.9/18$

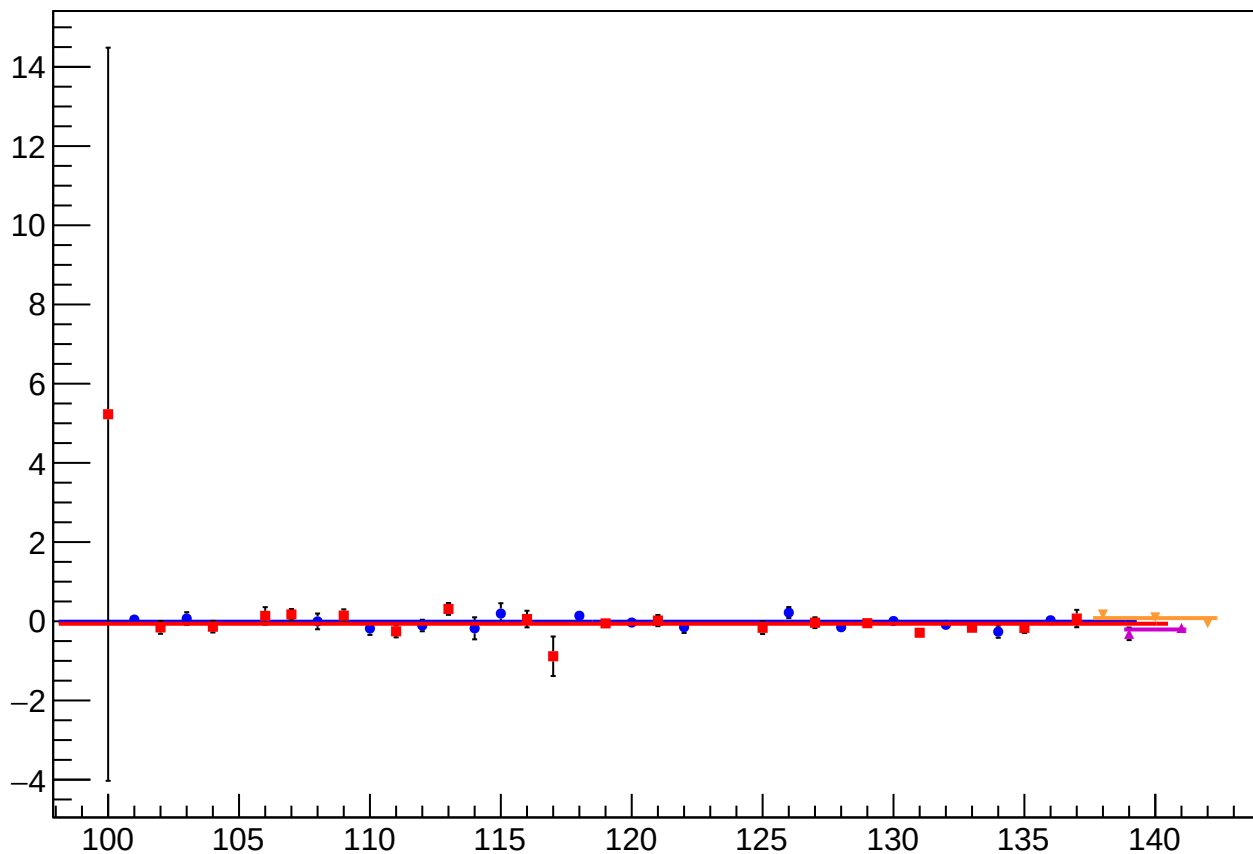
Left In: -0.011 ± 0.075 $\chi^2/\text{NDF}: 0.0/1$

0.166 ± 0.041 $\chi^2/\text{NDF}: 16.9/18$

0.011 ± 0.030 $\chi^2/\text{NDF}: 79.2/39$

-0.166 ± 0.044 $\chi^2/\text{NDF}: 31.5/20$

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

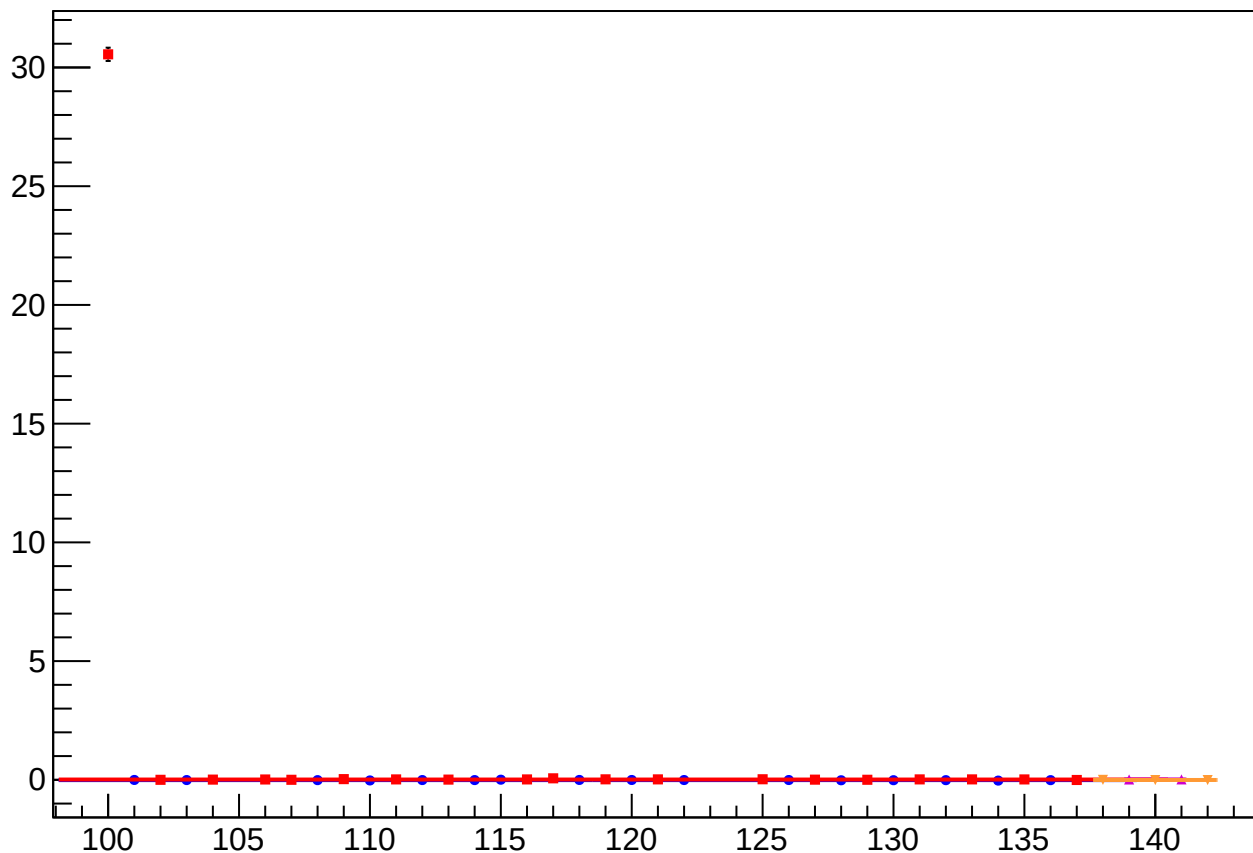
Left In: -0.207 ± 0.080 χ^2/NDF : 0.7/1

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

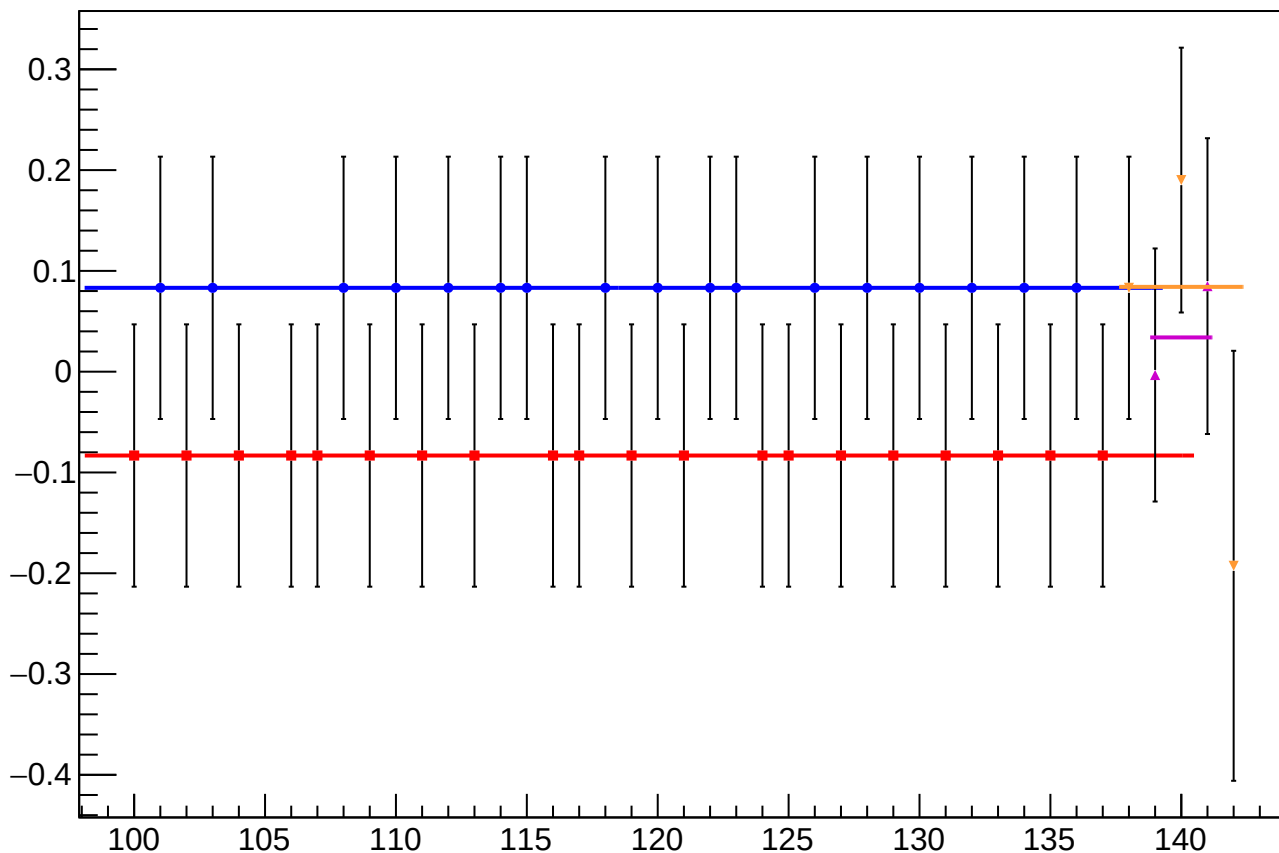
Left In: 0.016 ± 0.003 χ^2/NDF : 0.2/1

-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 ± 0.032 χ^2/NDF : 0.0/16

Left Out: 0.084 ± 0.085 χ^2/NDF : 2.3/2

Right Out: -0.083 ± 0.029 χ^2/NDF : 0.0/19

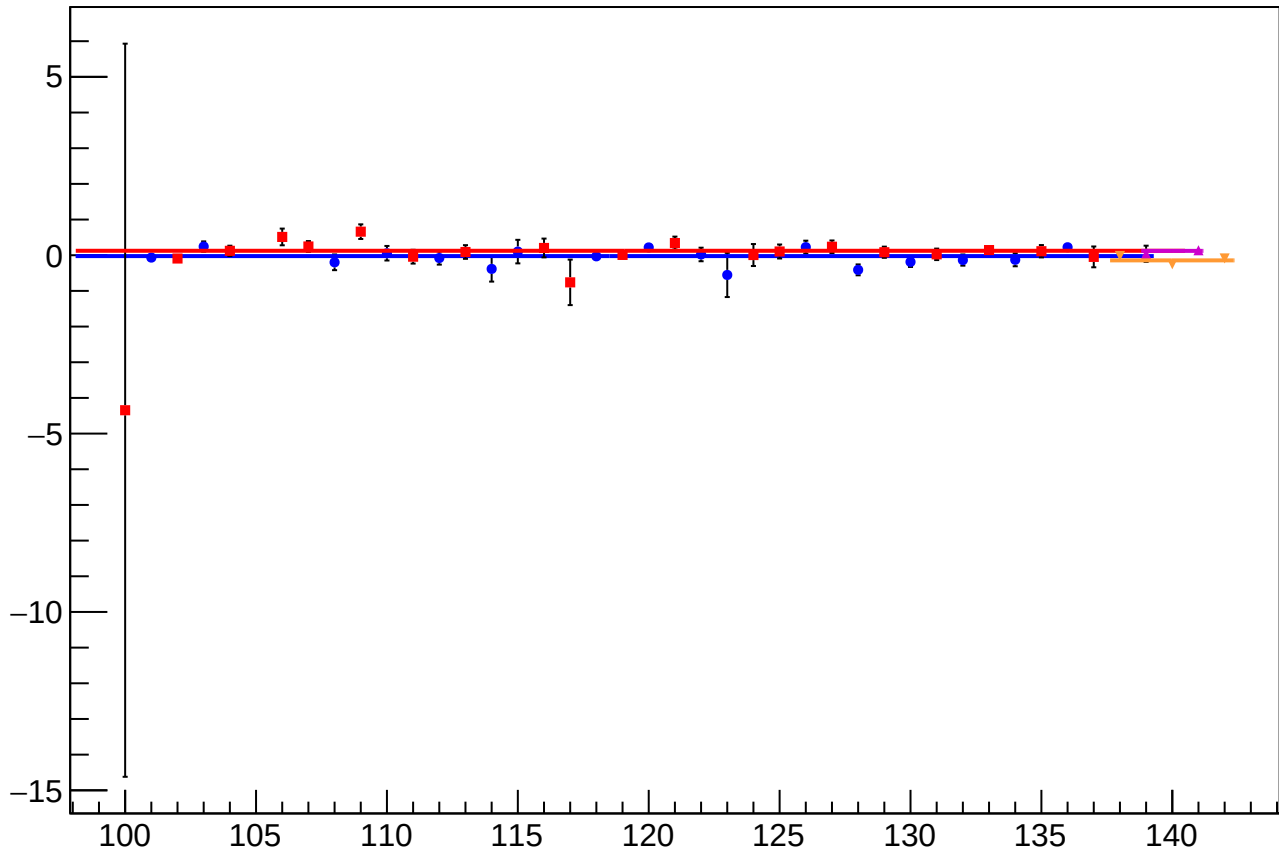
Left In: 0.034 ± 0.095 χ^2/NDF : 0.2/1

0.083 ± 0.030 χ^2/NDF : 2.3/19

0.000 ± 0.020 χ^2/NDF : 18.8/41

-0.073 ± 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: -0.144 ± 0.072 χ^2/NDF : 2.0/2

Right Out: 0.125 ± 0.039 χ^2/NDF : 19.6/19

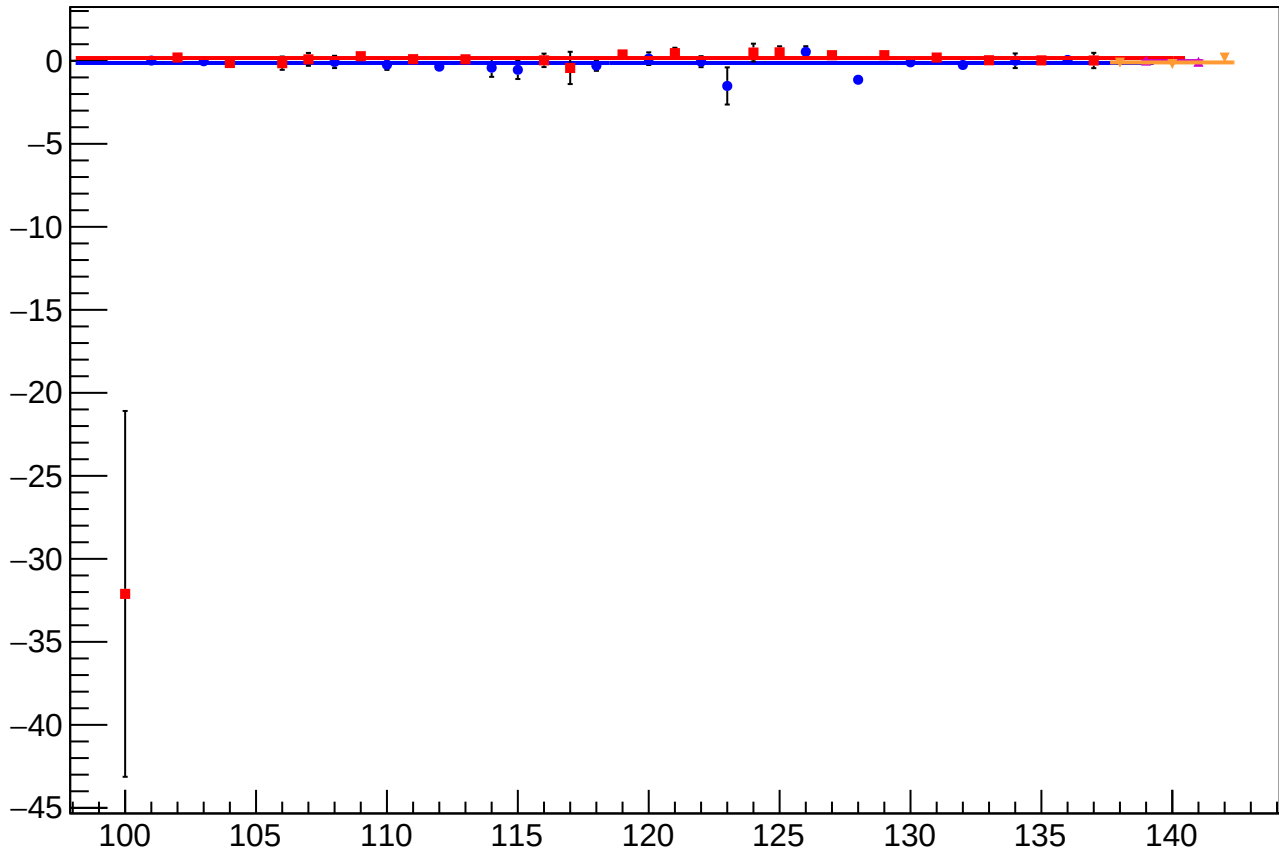
Left In: 0.122 ± 0.096 χ^2/NDF : 0.2/1

-0.049 ± 0.033 χ^2/NDF : 27.5/19

0.028 ± 0.024 χ^2/NDF : 59.8/41

0.124 ± 0.036 χ^2/NDF : 19.7/21

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.129 $\pm$ 0.067 χ^2 /NDF: 23.7/16

Left Out: -0.097 $\pm$ 0.091 χ^2 /NDF: 2.1/2

Right Out: 0.168 $\pm$ 0.071 χ^2 /NDF: 15.4/19

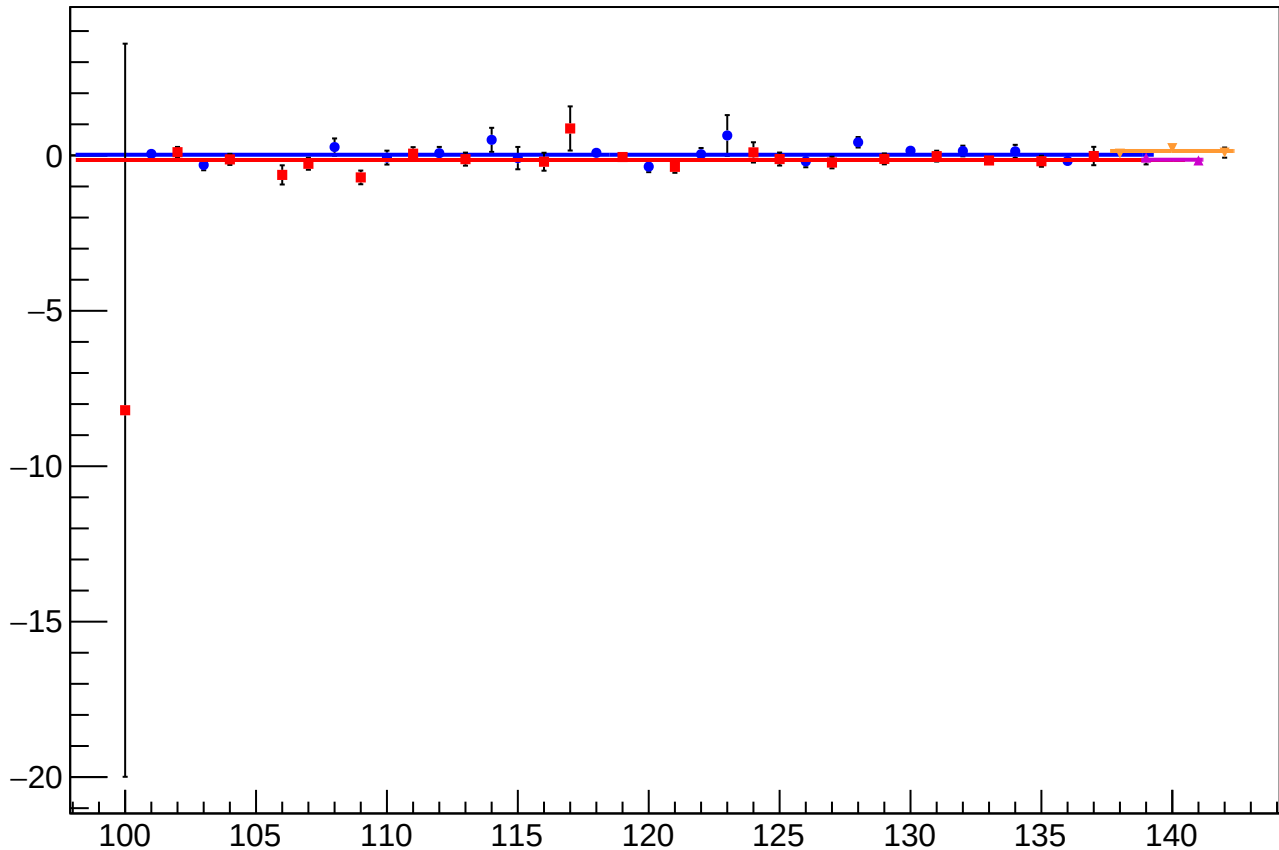
Left In: -0.015 $\pm$ 0.102 χ^2 /NDF: 0.1/1

-0.118 $\pm$ 0.054 χ^2 /NDF: 25.9/19

-0.013 $\pm$ 0.040 χ^2 /NDF: 51.8/41

0.109 $\pm$ 0.058 χ^2 /NDF: 17.7/21

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.142 ± 0.085 χ^2/NDF : 0.9/2

Right Out: -0.148 ± 0.045 χ^2/NDF : 18.3/19

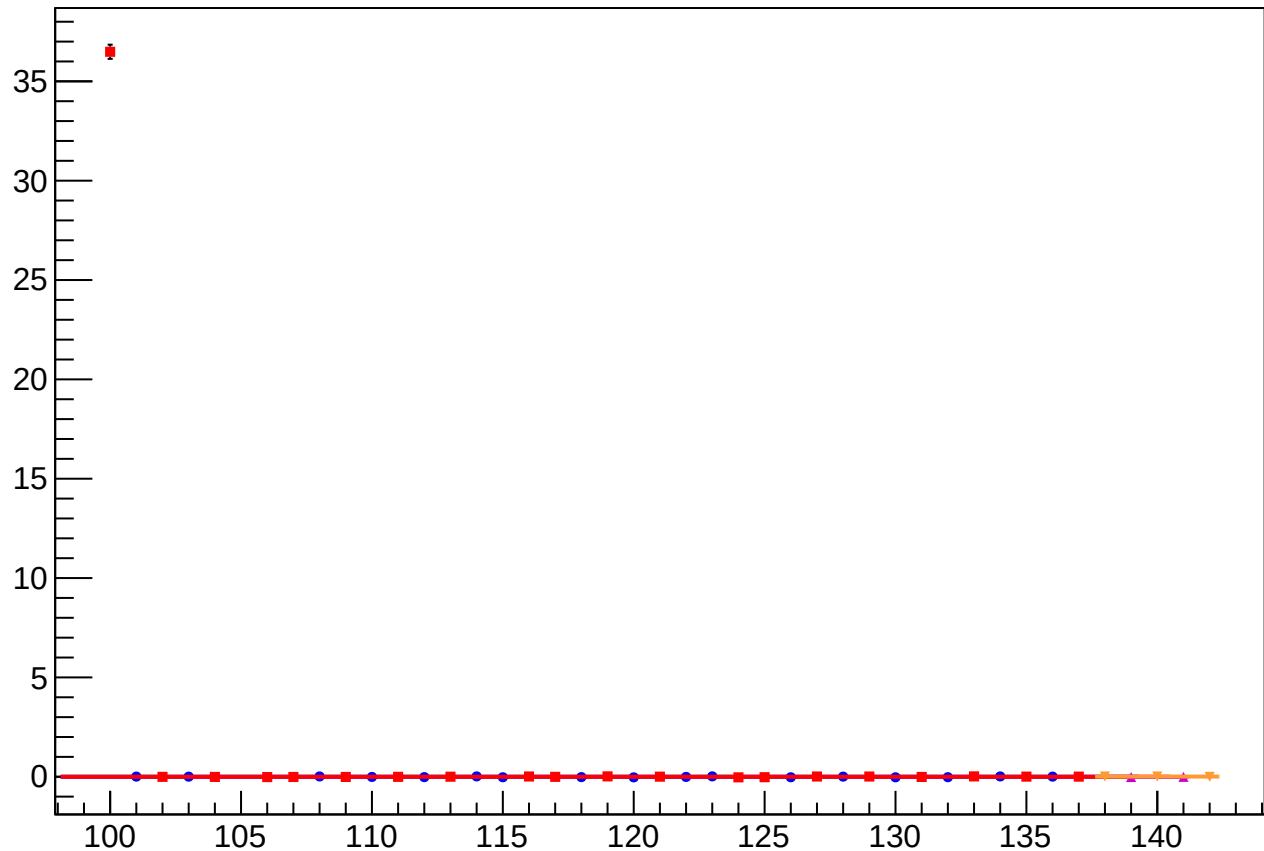
Left In: -0.139 ± 0.109 χ^2/NDF : 0.1/1

0.045 ± 0.038 χ^2/NDF : 25.0/19

-0.041 ± 0.028 χ^2/NDF : 54.9/41

-0.147 ± 0.042 χ^2/NDF : 18.4/21

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.009 $\pm$ 0.004 χ^2 /NDF: 3.2/2

Right Out: -0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/19

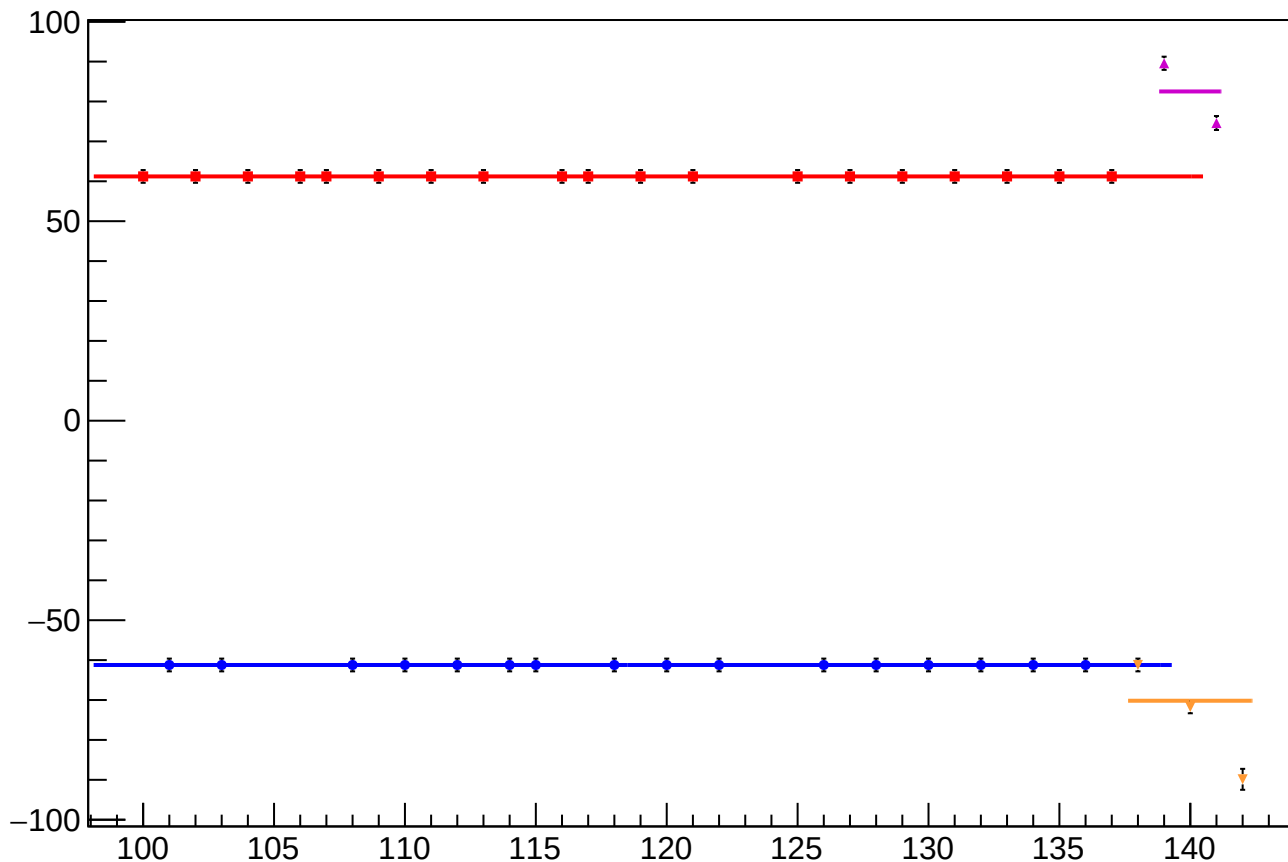
Left In: -0.010 $\pm$ 0.004 χ^2 /NDF: 1.4/1

0.003 $\pm$ 0.002 χ^2 /NDF: 38.7/19

0.000 $\pm$ 0.001 χ^2 /NDF: 10498.7/41

-0.003 $\pm$ 0.002 χ^2 /NDF: 10454.4/21

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -61.220 ± 0.400 χ^2/NDF : 0.0/15

Left Out: -70.180 ± 1.032 χ^2/NDF : 88.6/2

Right Out: 61.220 ± 0.368 χ^2/NDF : 0.0/18

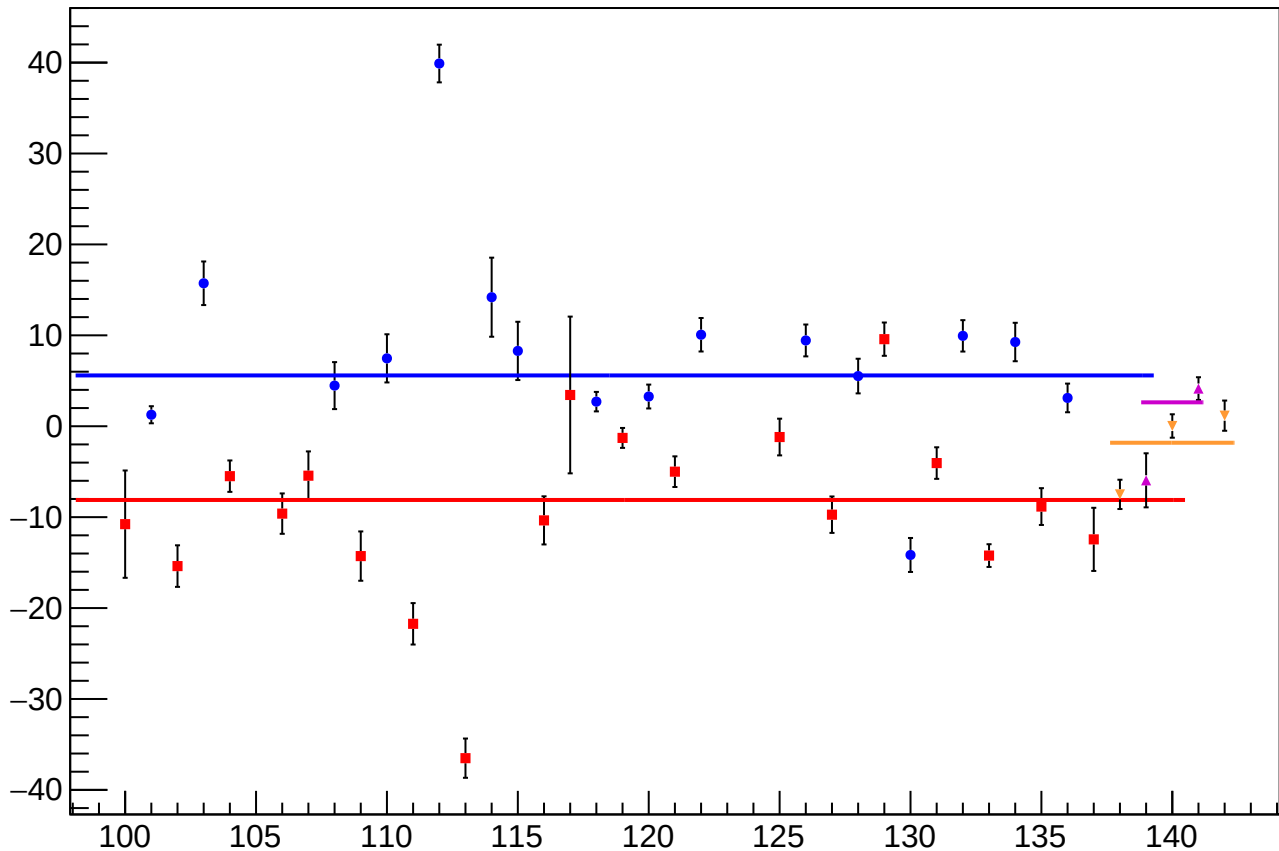
Left In: 82.512 ± 1.203 χ^2/NDF : 38.6/1

-62.393 ± 0.373 χ^2/NDF : 154.0/18

4.110 ± 0.256 χ^2/NDF : 60314.2/39

63.039 ± 0.351 χ^2/NDF : 325.3/20

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.589+/-0.424 χ^2/NDF : 462.8/15

Left Out: -1.816+/-0.861 χ^2/NDF : 17.7/2

Right Out: -8.110+/-0.453 χ^2/NDF : 409.5/18

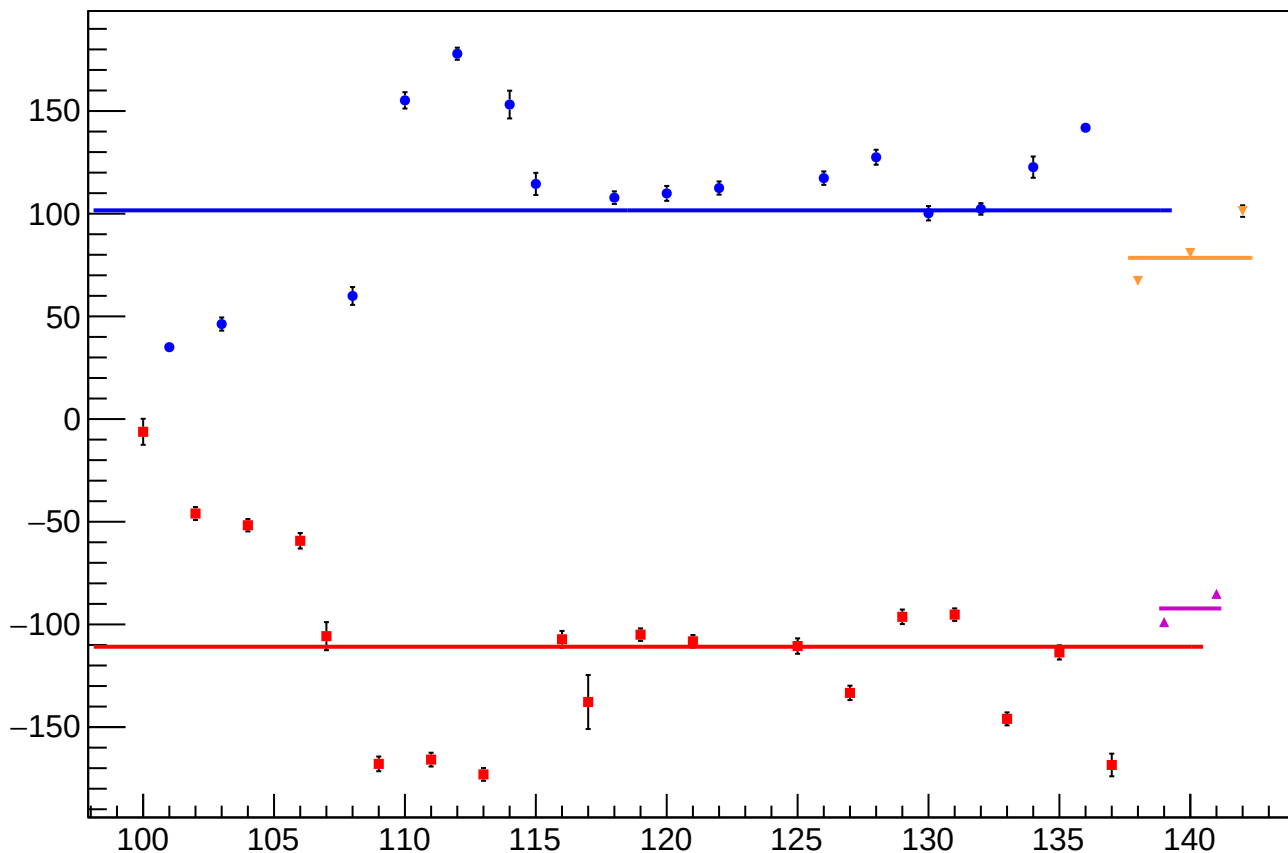
Left In: 2.630+/-1.151 χ^2/NDF : 9.8/1

4.146+/-0.380 χ^2/NDF : 540.0/18

-0.703+/-0.282 χ^2/NDF : 1397.9/39

-6.669+/-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

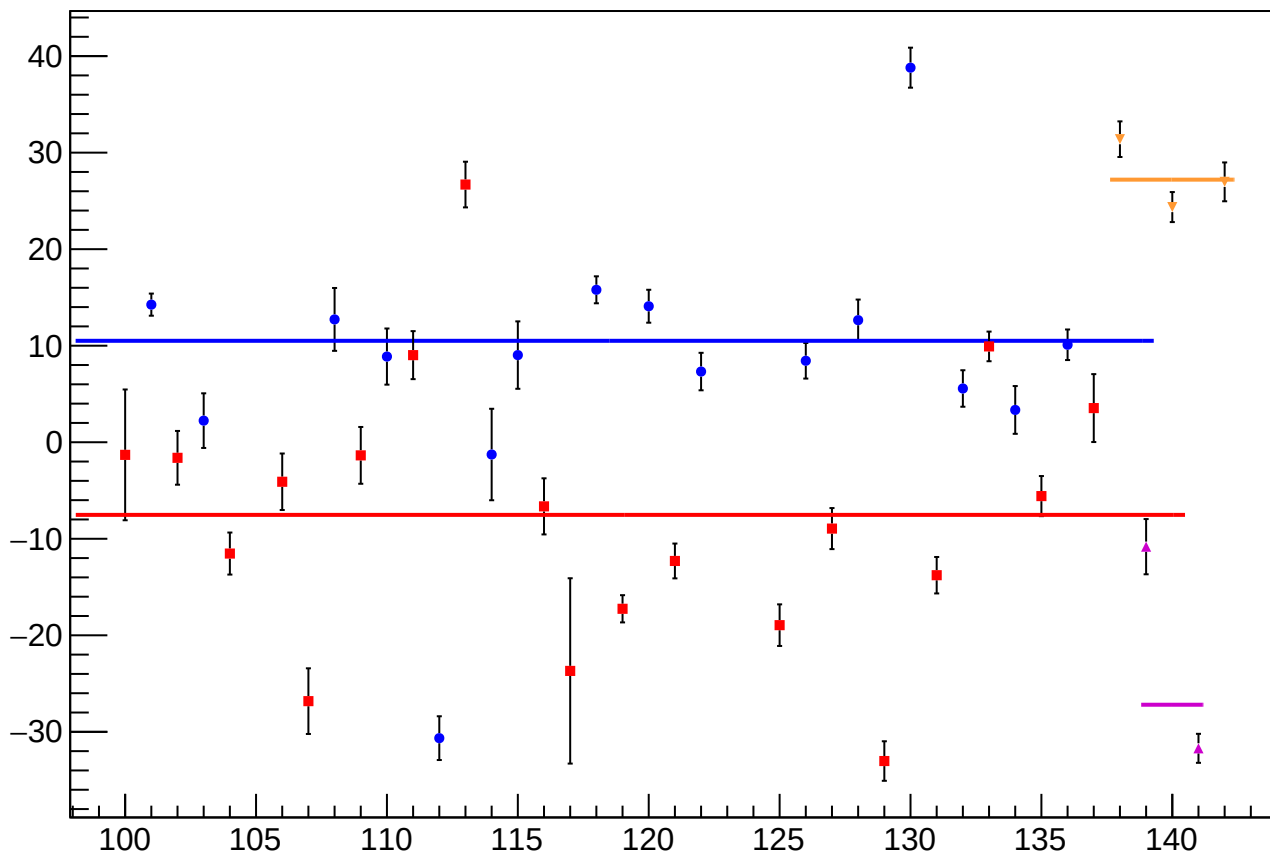
Left In: -92.227+/-1.291 χ^2/NDF : 28.2/1

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

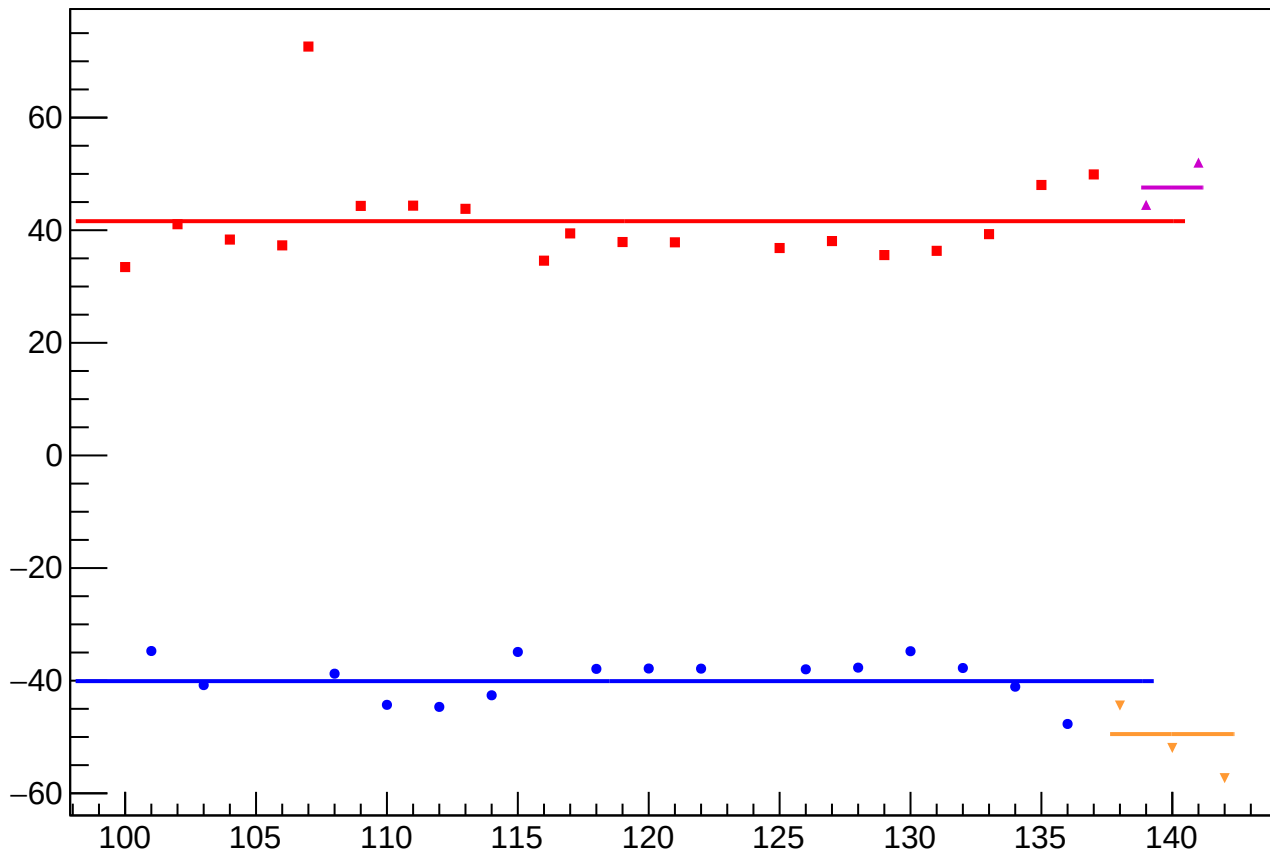
Left In: -27.193+/-1.330 χ^2/NDF : 41.8/1

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 $\chi^2/\text{NDF}: 25123.9/15$

Left Out: -49.483 ± 0.046 $\chi^2/\text{NDF}: 11383.6/2$

Right Out: 41.605 ± 0.029 $\chi^2/\text{NDF}: 61797.6/18$

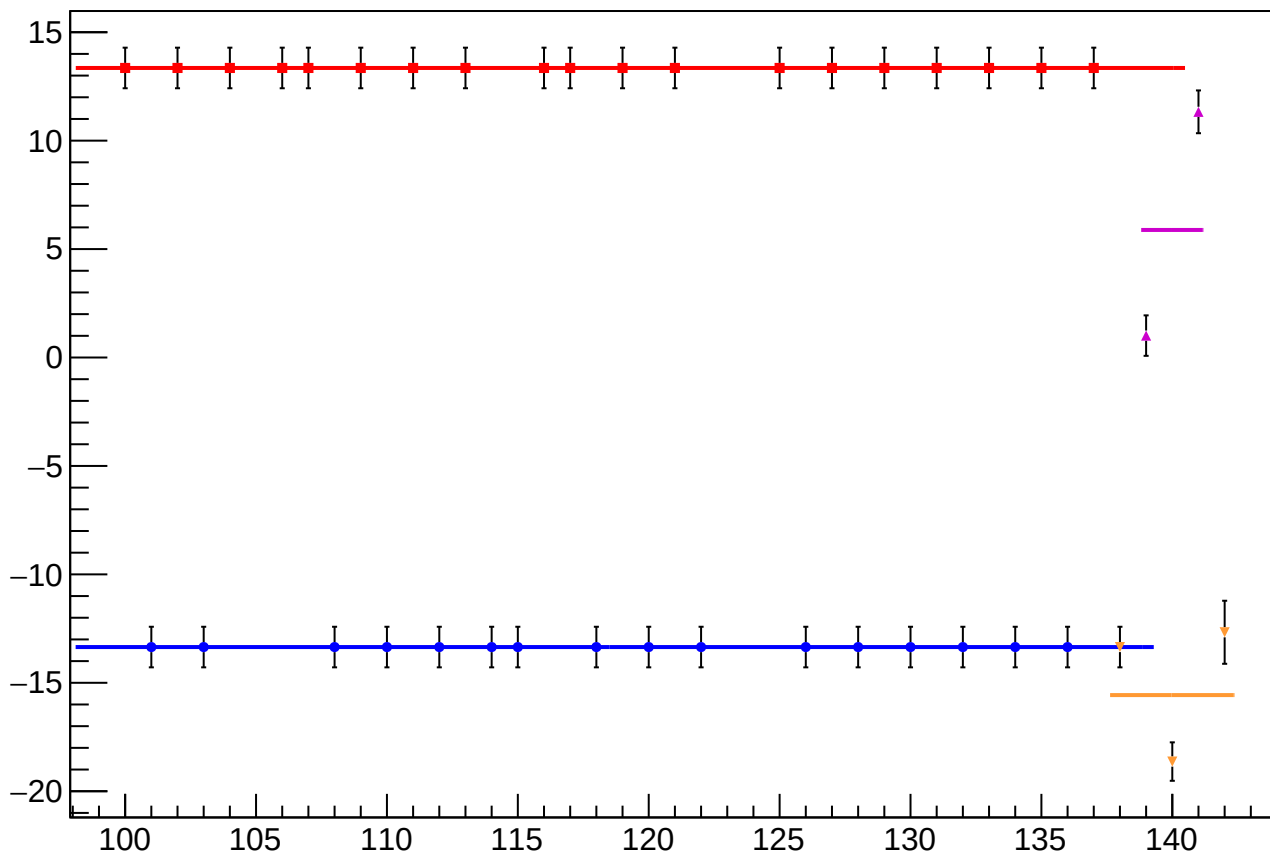
Left In: 47.581 ± 0.048 $\chi^2/\text{NDF}: 5848.5/1$

-42.664 ± 0.024 $\chi^2/\text{NDF}: 67073.7/18$

-0.750 ± 0.017 $\chi^2/\text{NDF}: 6384899.2/39$

43.151 ± 0.025 $\chi^2/\text{NDF}: 78993.7/20$

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.352 ± 0.234 $\chi^2/\text{NDF}: 0.0/15$

Left Out: -15.566 ± 0.589 $\chi^2/\text{NDF}: 21.5/2$

Right Out: 13.352 ± 0.215 $\chi^2/\text{NDF}: 0.0/18$

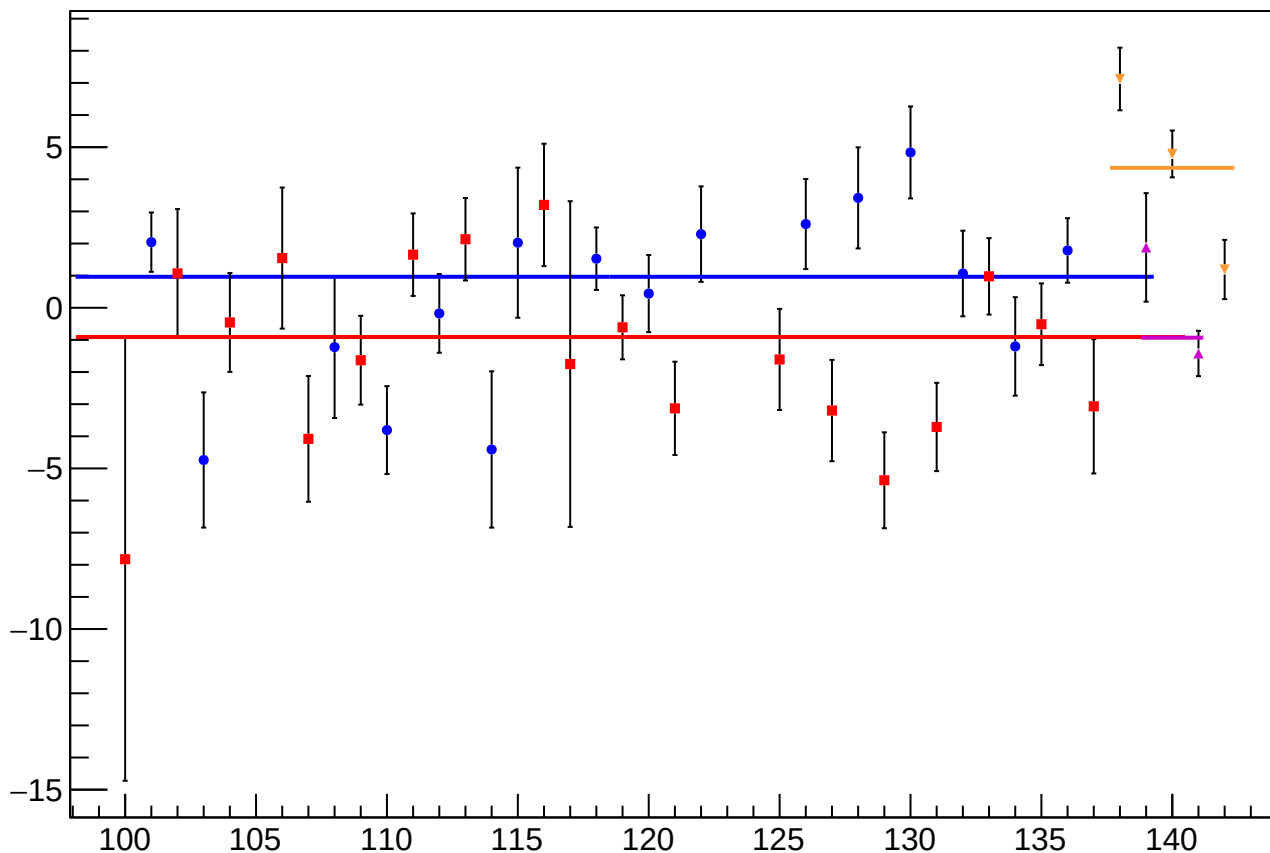
Left In: 5.882 ± 0.678 $\chi^2/\text{NDF}: 57.7/1$

-13.654 ± 0.217 $\chi^2/\text{NDF}: 33.8/18$

0.302 ± 0.149 $\chi^2/\text{NDF}: 7975.0/39$

12.671 ± 0.205 $\chi^2/\text{NDF}: 168.1/20$

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

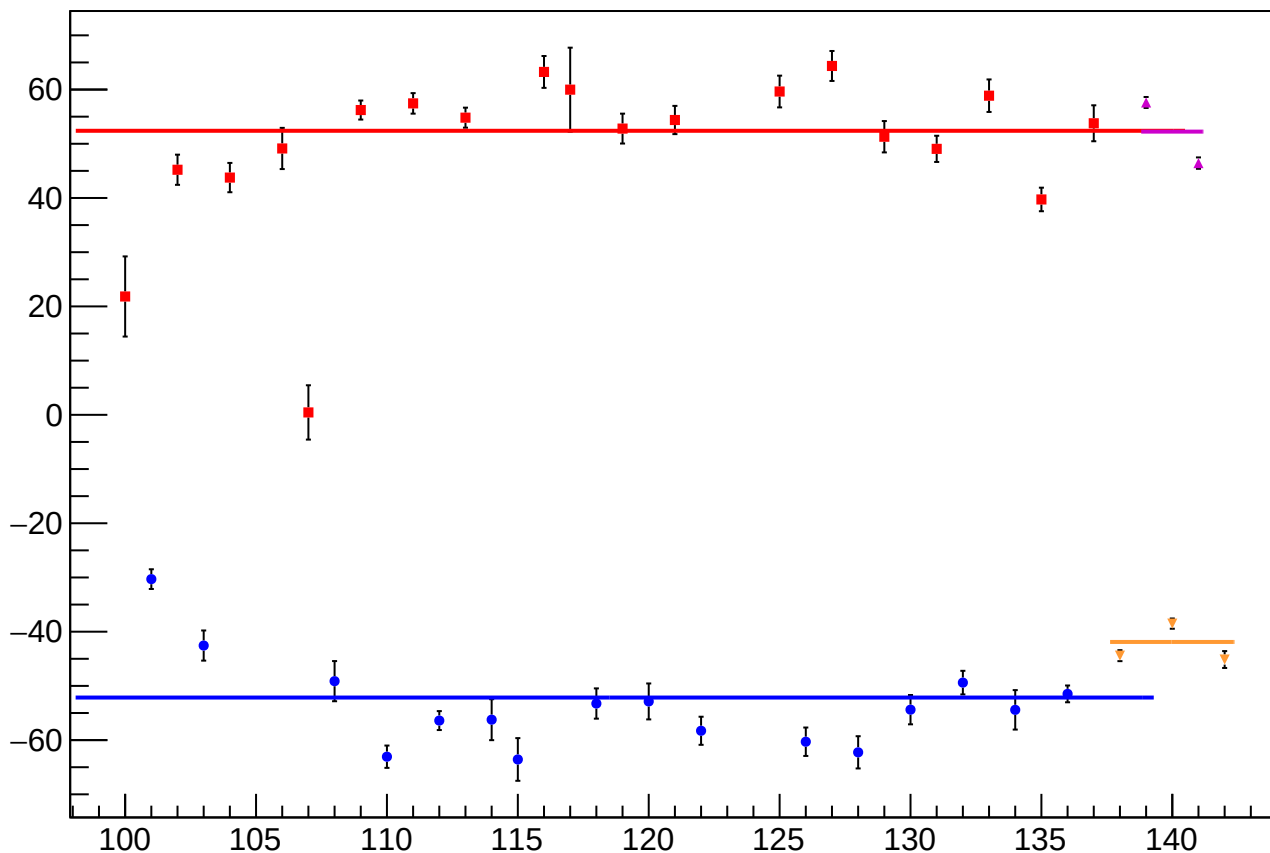
Left In: -0.931 ± 0.652 χ^2/NDF : 3.3/1

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

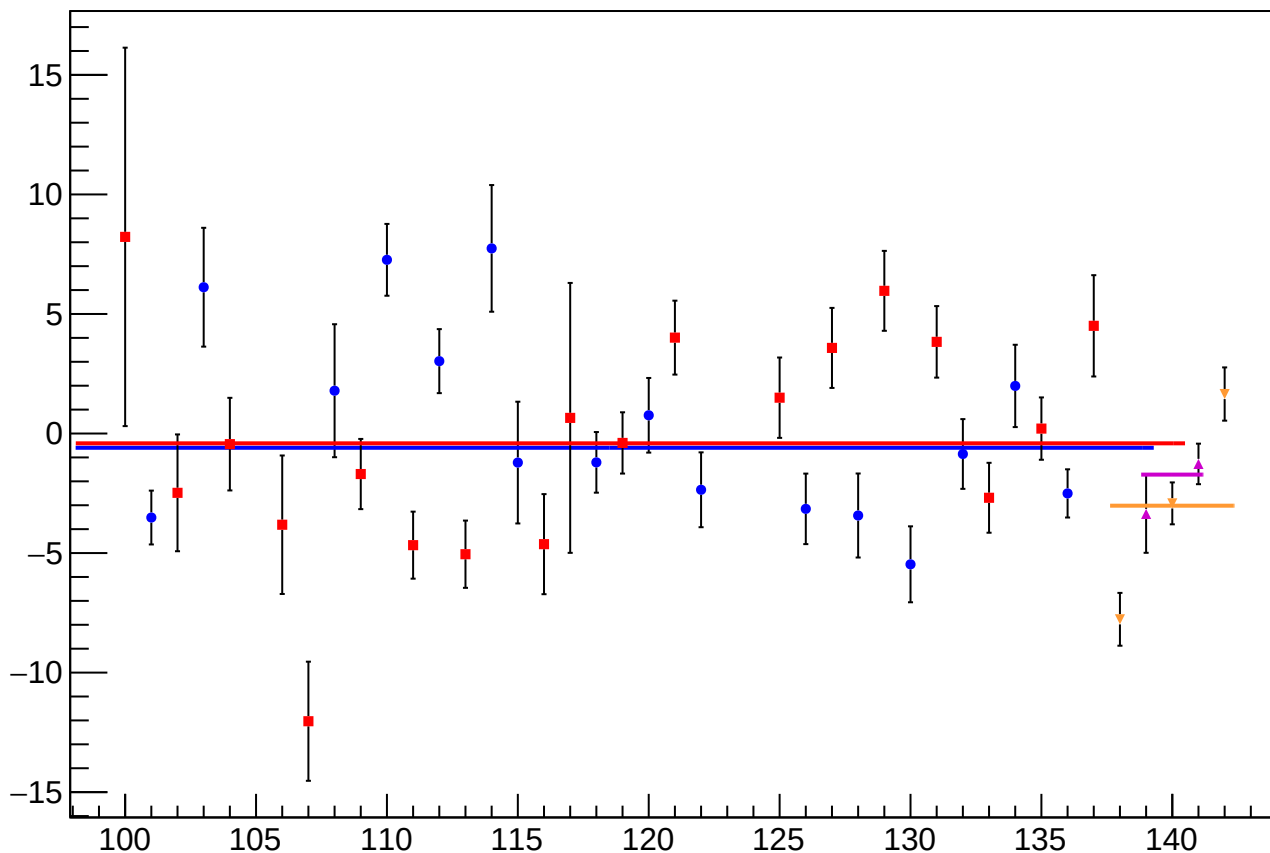
Left In: 52.241 ± 0.728 χ^2/NDF : 59.0/1

-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 $\chi^2/\text{NDF}: 82.6/15$

Left Out: -3.019 ± 0.584 $\chi^2/\text{NDF}: 36.1/2$

Right Out: -0.411 ± 0.399 $\chi^2/\text{NDF}: 95.8/18$

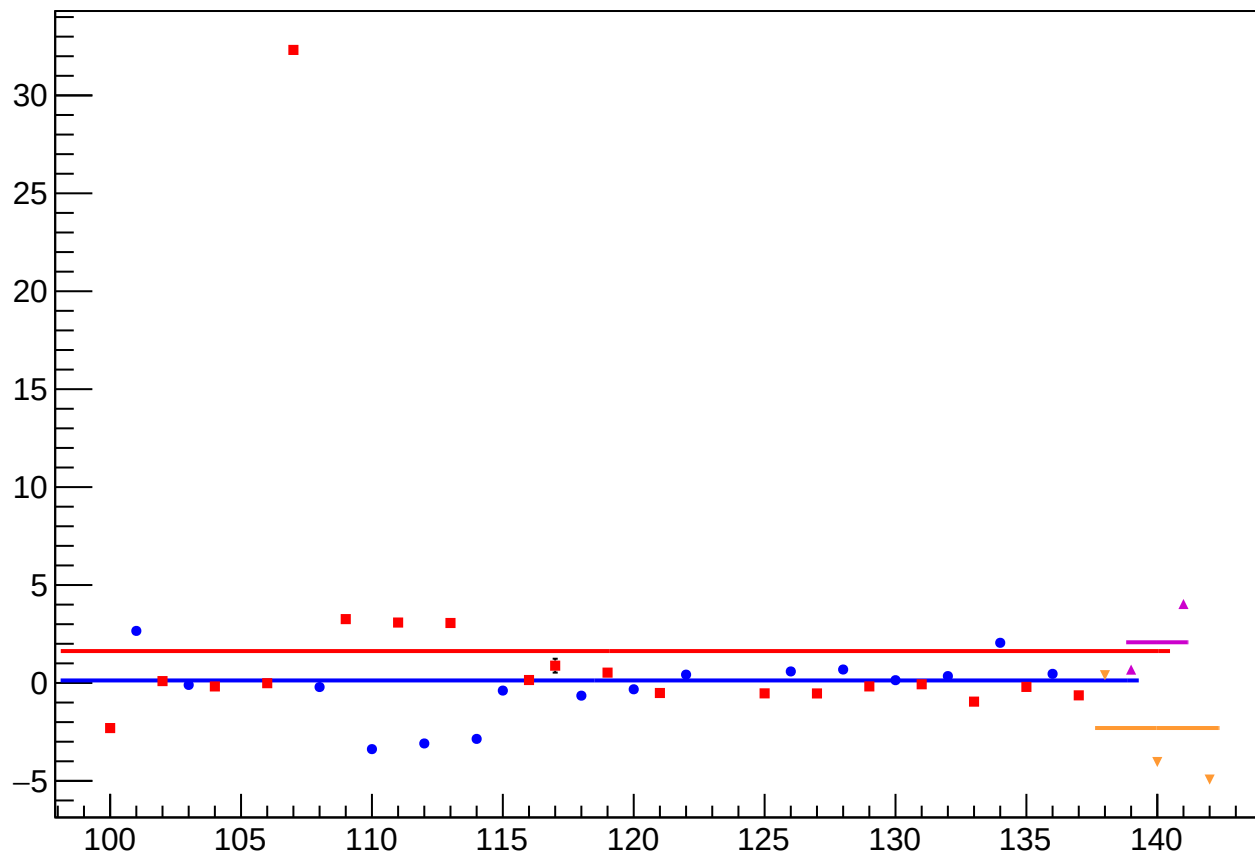
Left In: -1.718 ± 0.752 $\chi^2/\text{NDF}: 1.3/1$

-1.326 ± 0.321 $\chi^2/\text{NDF}: 130.7/18$

-1.041 ± 0.237 $\chi^2/\text{NDF}: 231.9/39$

-0.698 ± 0.352 $\chi^2/\text{NDF}: 99.5/20$

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 $\chi^2/\text{NDF}: 77883.0/18$

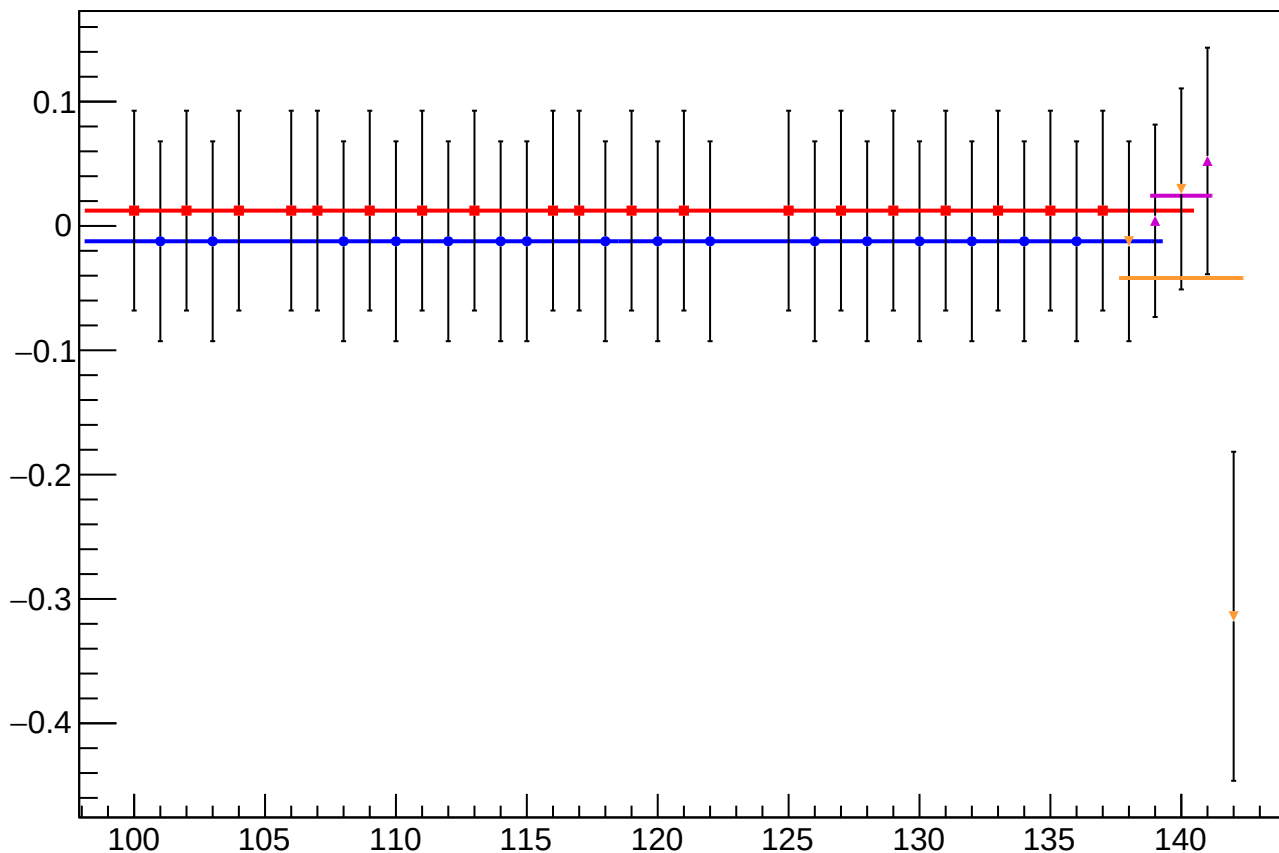
Left In: 2.076 ± 0.027 $\chi^2/\text{NDF}: 3668.9/1$

-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 $\chi^2/\text{NDF}: 0.0/15$

Left Out: -0.042 ± 0.052 $\chi^2/\text{NDF}: 5.1/2$

Right Out: 0.012 ± 0.018 $\chi^2/\text{NDF}: 0.0/18$

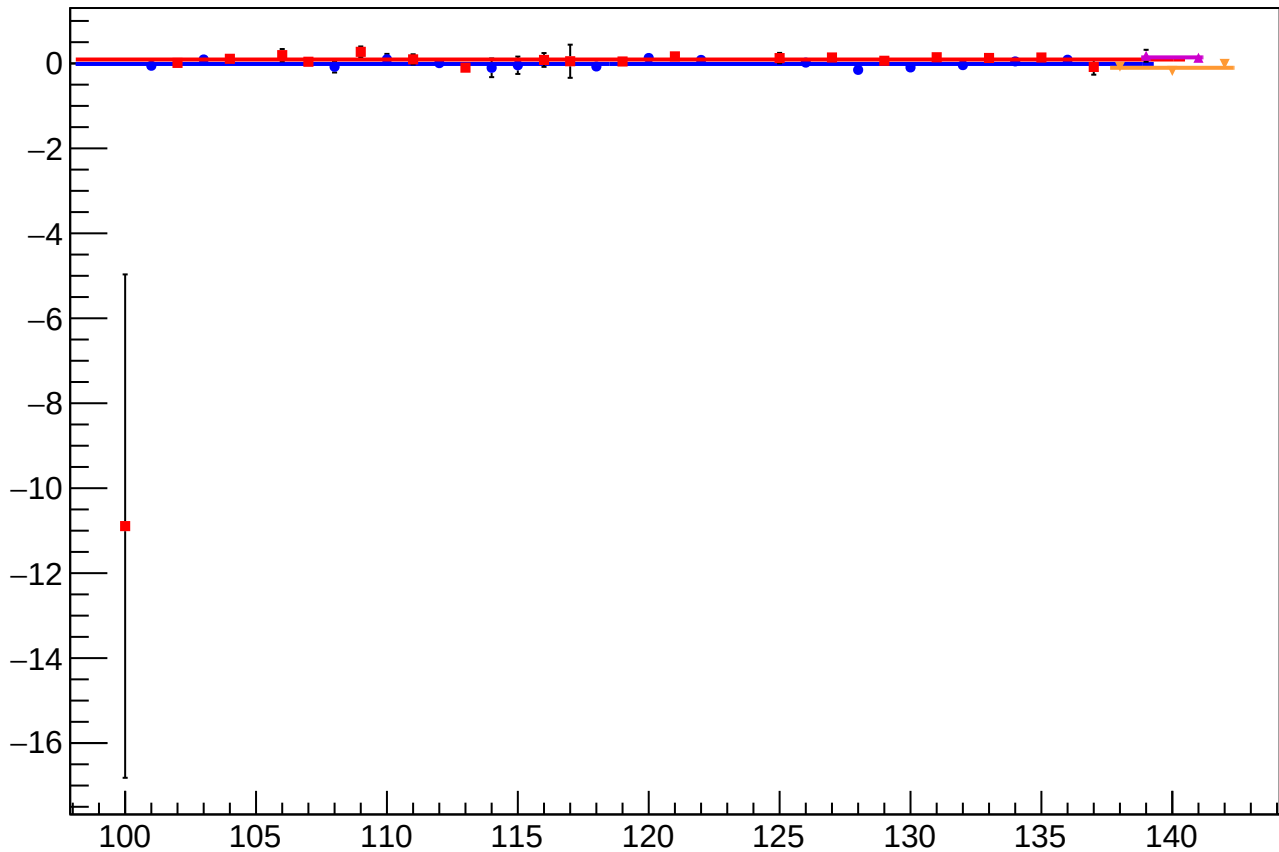
Left In: 0.024 ± 0.059 $\chi^2/\text{NDF}: 0.2/1$

-0.016 ± 0.019 $\chi^2/\text{NDF}: 5.4/18$

-0.000 ± 0.013 $\chi^2/\text{NDF}: 6.9/39$

0.013 ± 0.018 $\chi^2/\text{NDF}: 0.2/20$

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

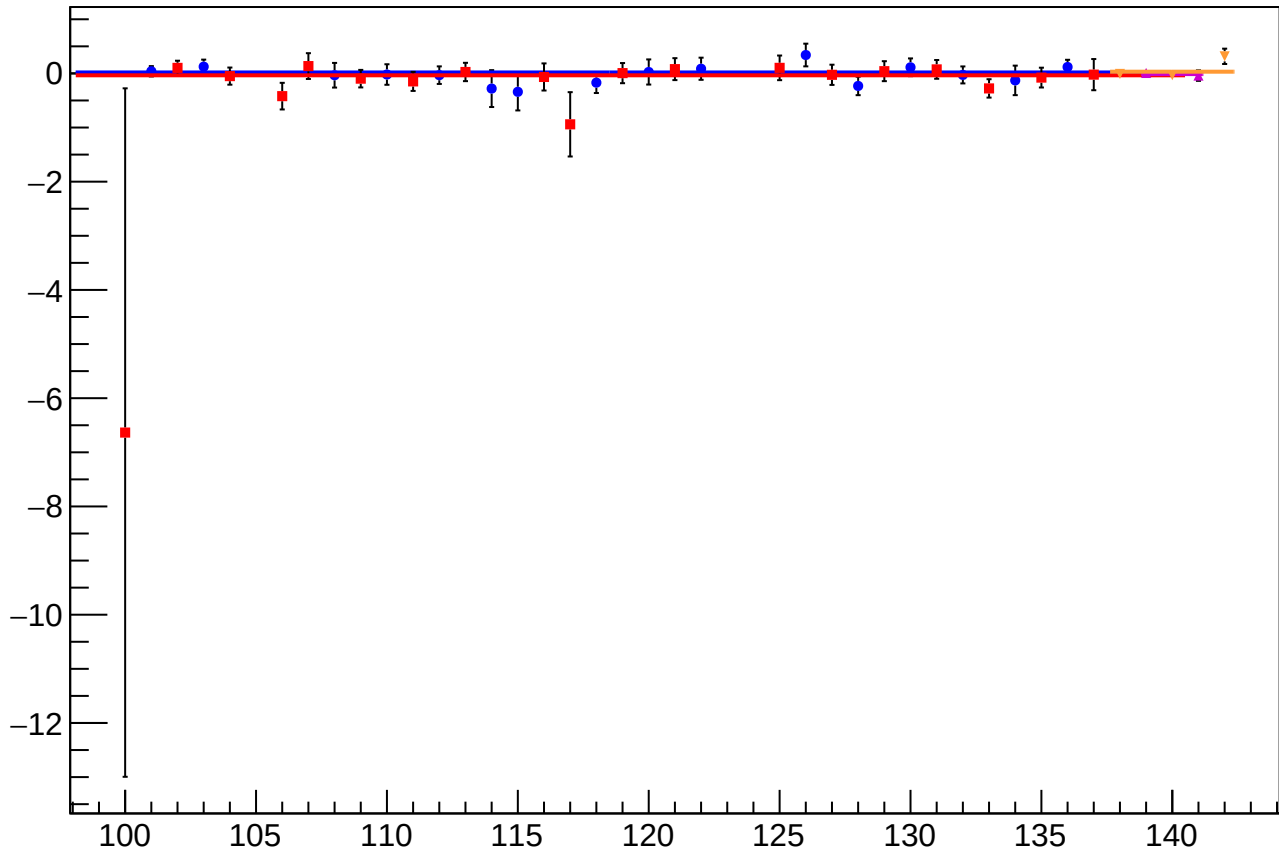
Left In: 0.142 ± 0.059 χ^2/NDF : 0.1/1

-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

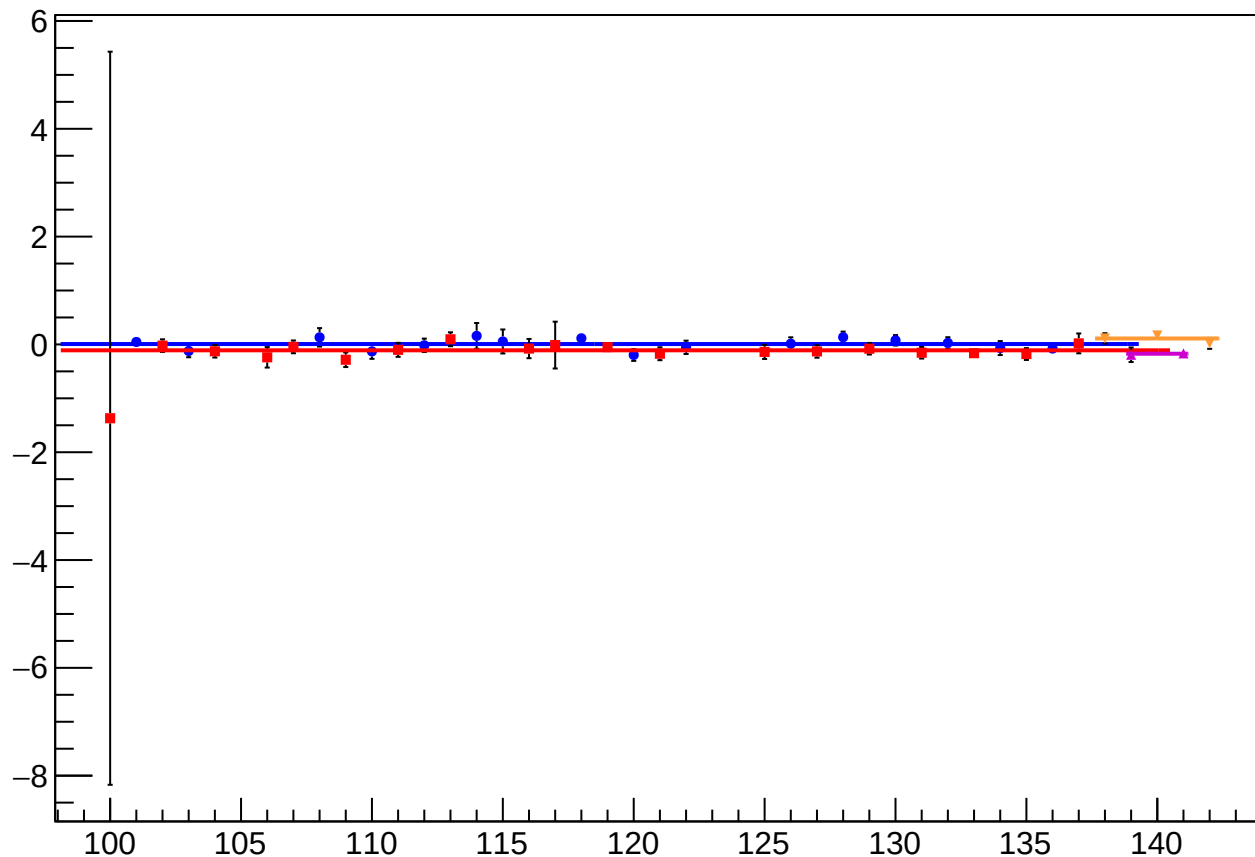
Left In: -0.013+/-0.063 χ^2/NDF : 0.1/1

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

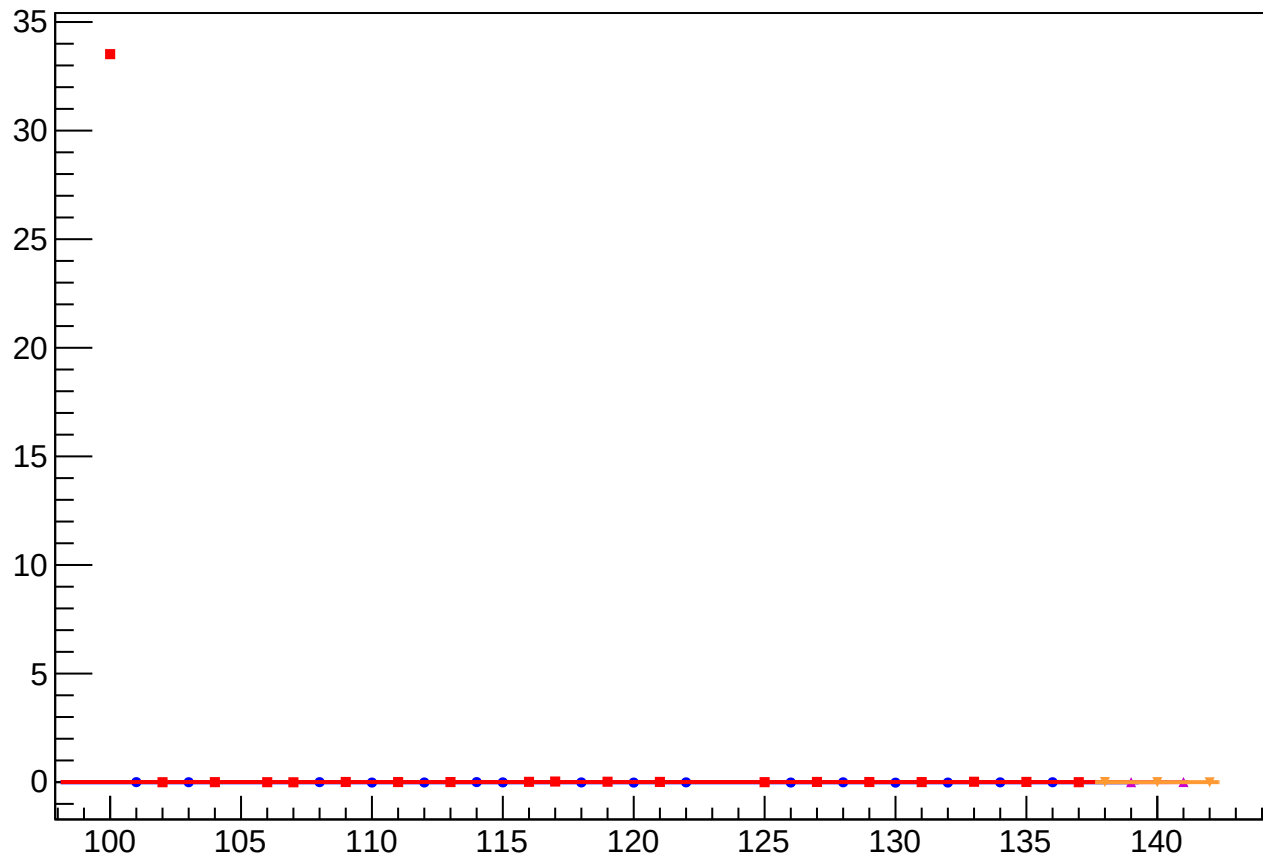
Left In: -0.173 ± 0.068 χ^2/NDF : 0.0/1

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 $\pm$ 0.001 χ^2 /NDF: 22.6/15

Left Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 4.0/2

Right Out: 0.006 $\pm$ 0.001 χ^2 /NDF: 26509.7/18

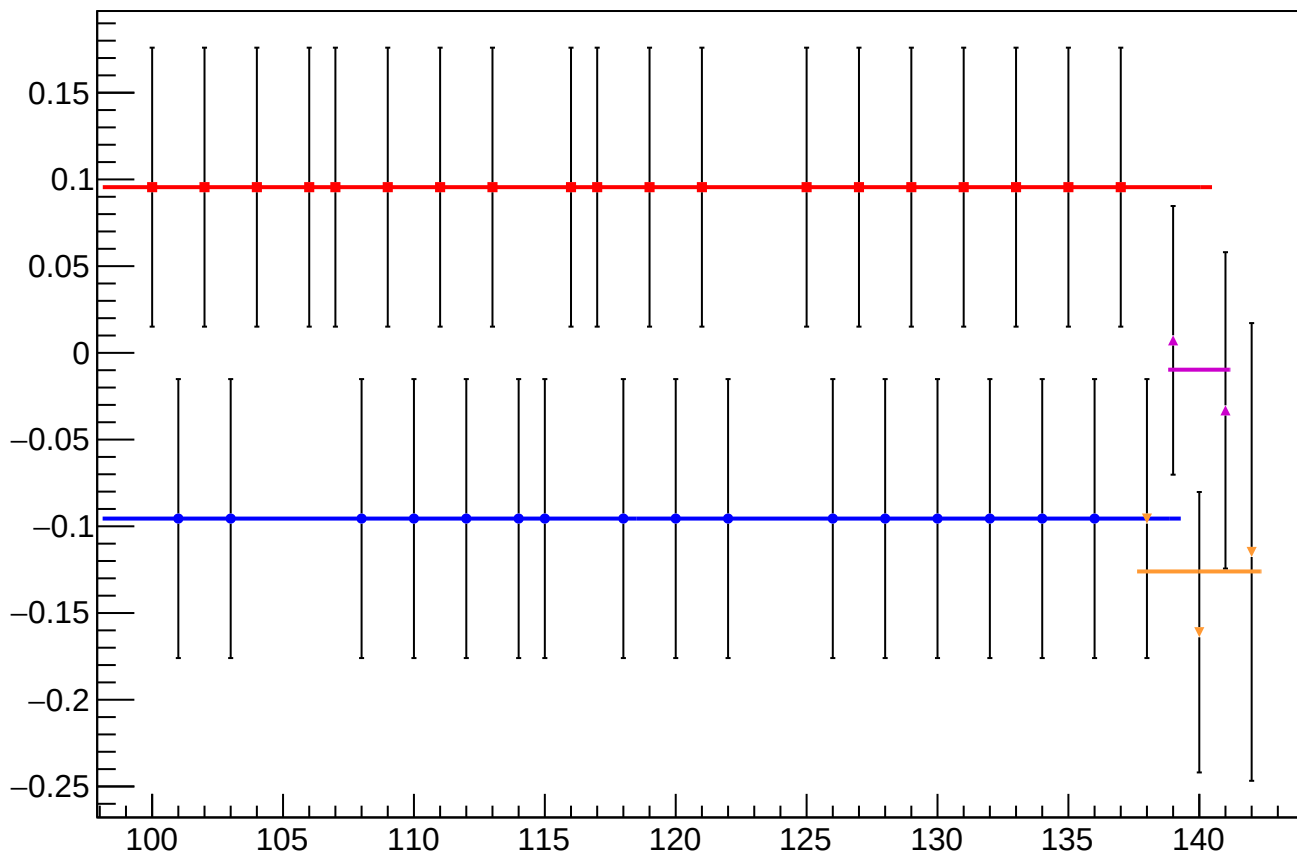
Left In: 0.003 $\pm$ 0.002 χ^2 /NDF: 1.6/1

-0.004 $\pm$ 0.001 χ^2 /NDF: 32.8/18

0.001 $\pm$ 0.001 χ^2 /NDF: 26570.2/39

0.005 $\pm$ 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

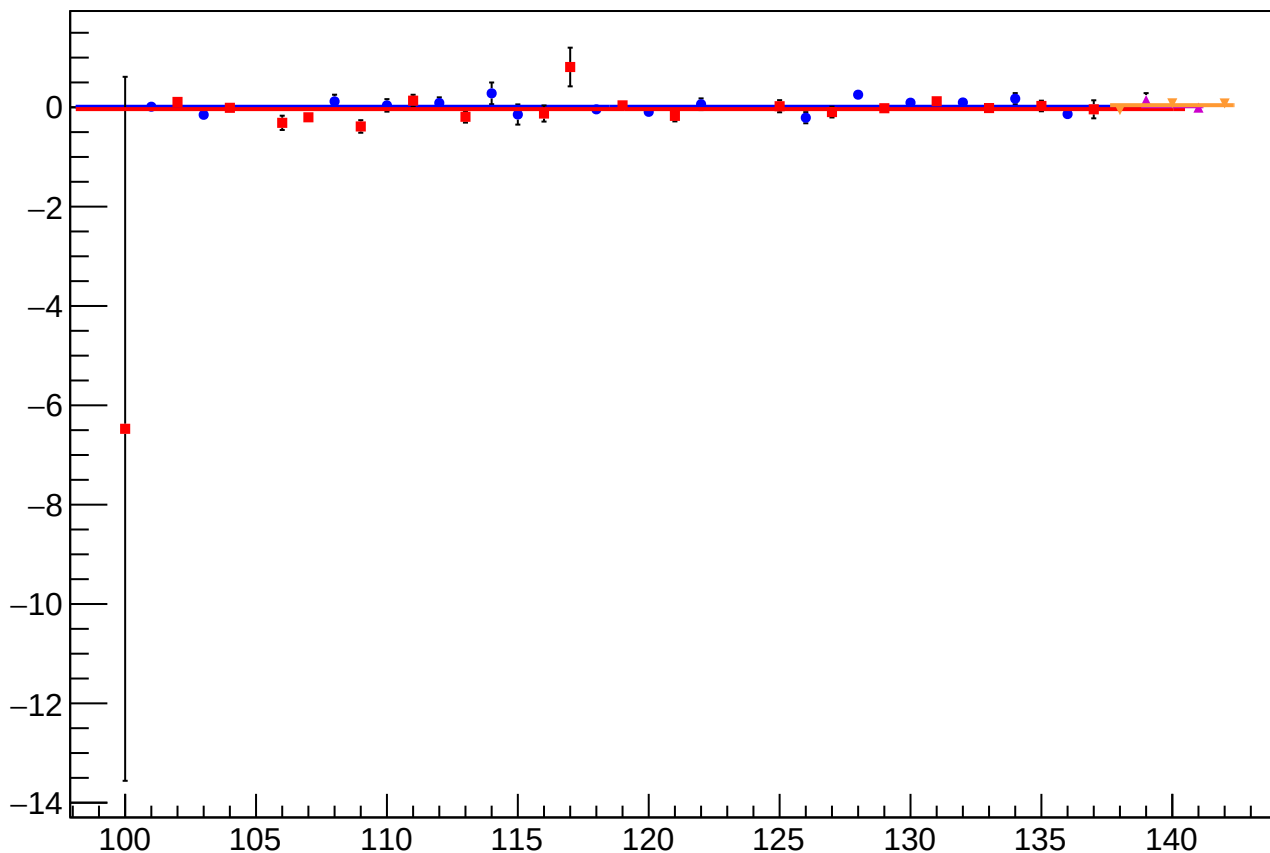
Left In: -0.010 ± 0.059 χ^2/NDF : 0.1/1

-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

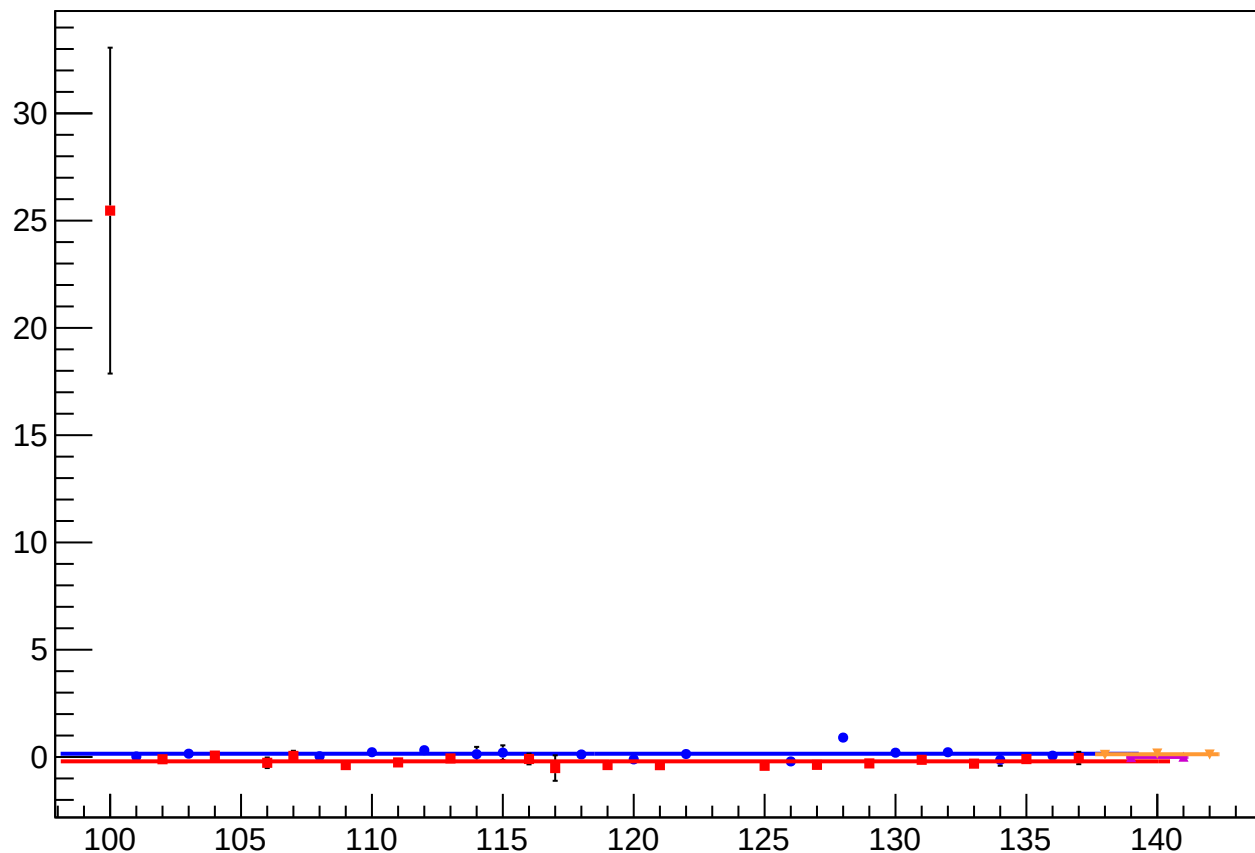
Left In: 0.020 $\pm$ 0.059 χ^2 /NDF: 1.0/1

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 ± 0.043 $\chi^2/\text{NDF}: 28.7/15$

Left Out: 0.129 ± 0.056 $\chi^2/\text{NDF}: 0.3/2$

Right Out: -0.202 ± 0.045 $\chi^2/\text{NDF}: 23.2/18$

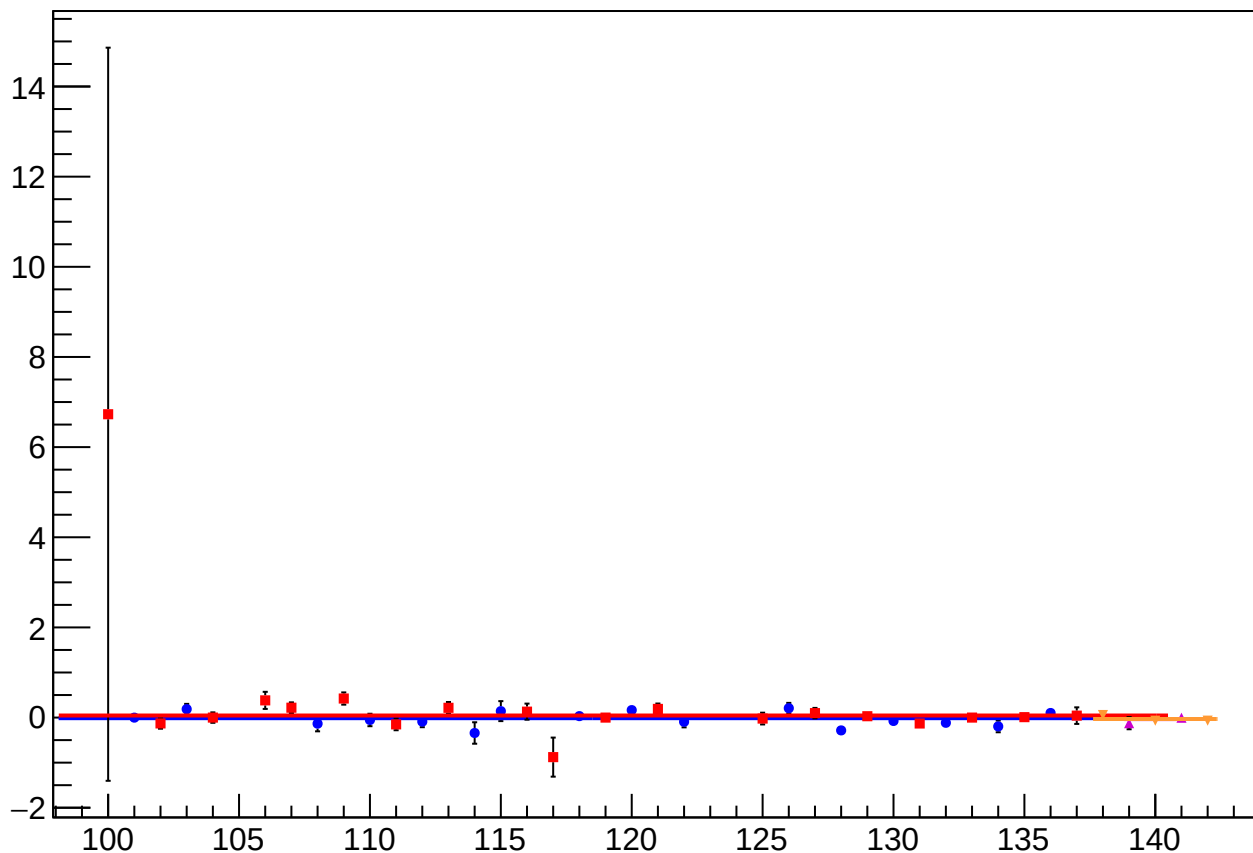
Left In: 0.003 ± 0.063 $\chi^2/\text{NDF}: 0.0/1$

0.143 ± 0.034 $\chi^2/\text{NDF}: 29.1/18$

0.015 ± 0.025 $\chi^2/\text{NDF}: 90.0/39$

-0.134 ± 0.037 $\chi^2/\text{NDF}: 30.2/20$

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

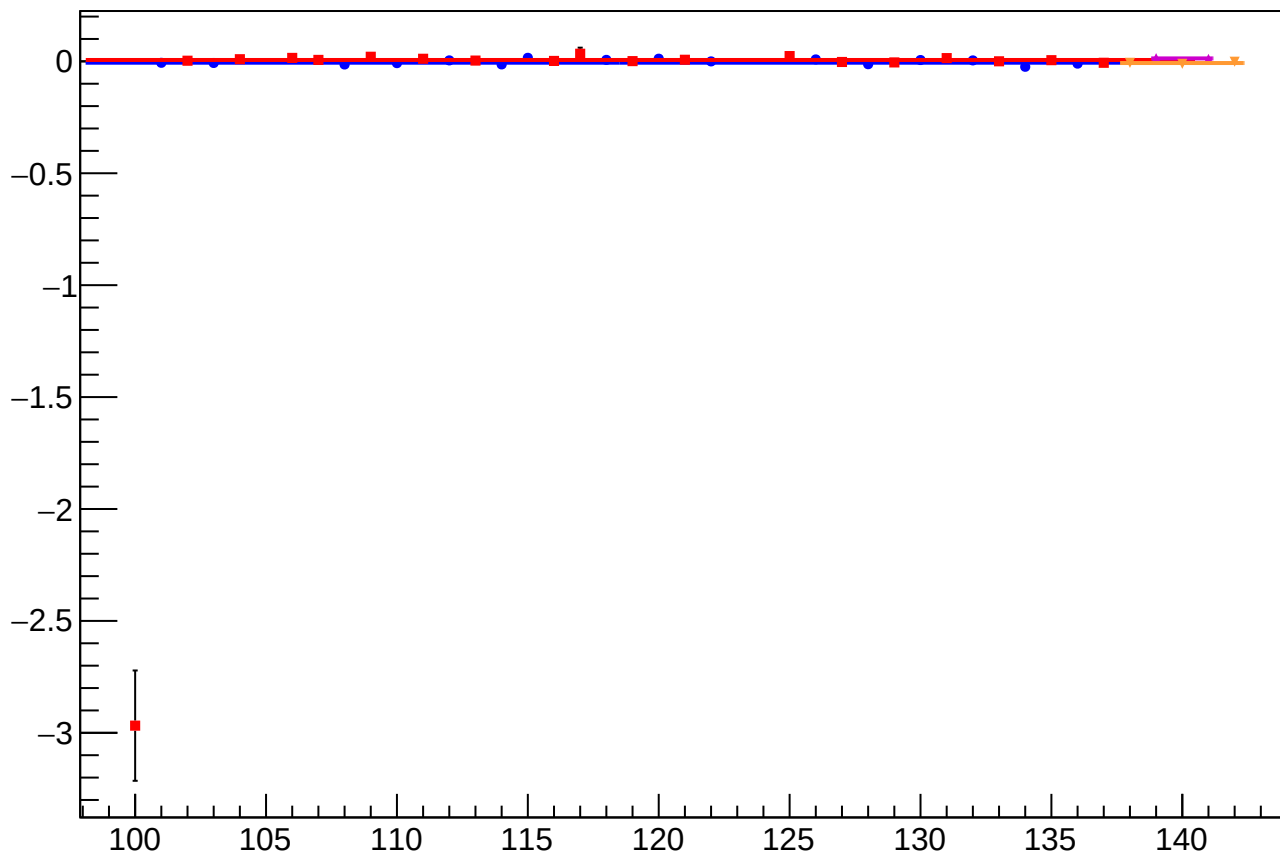
Left In: -0.034 ± 0.068 χ^2/NDF : 0.6/1

-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

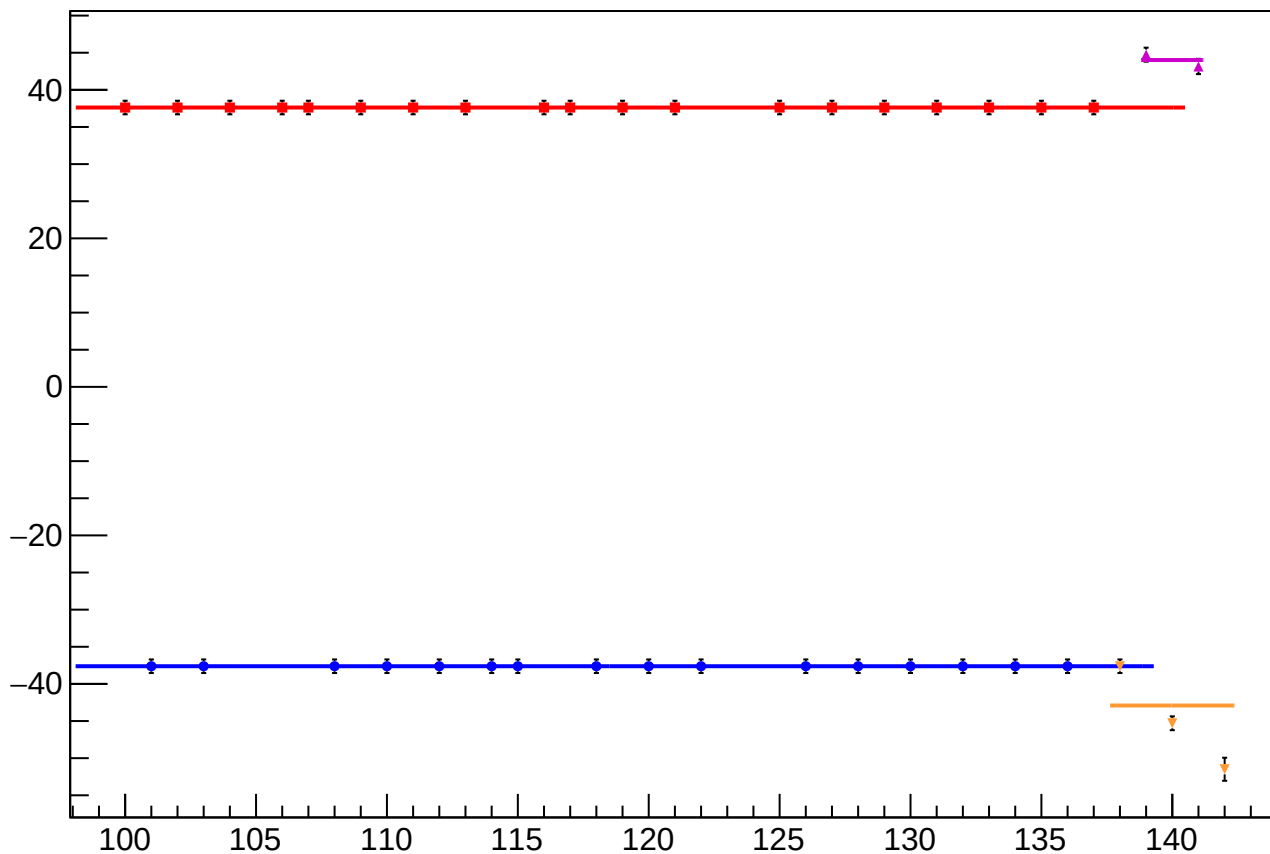
Left In: 0.013 ± 0.002 χ^2/NDF : 0.5/1

-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

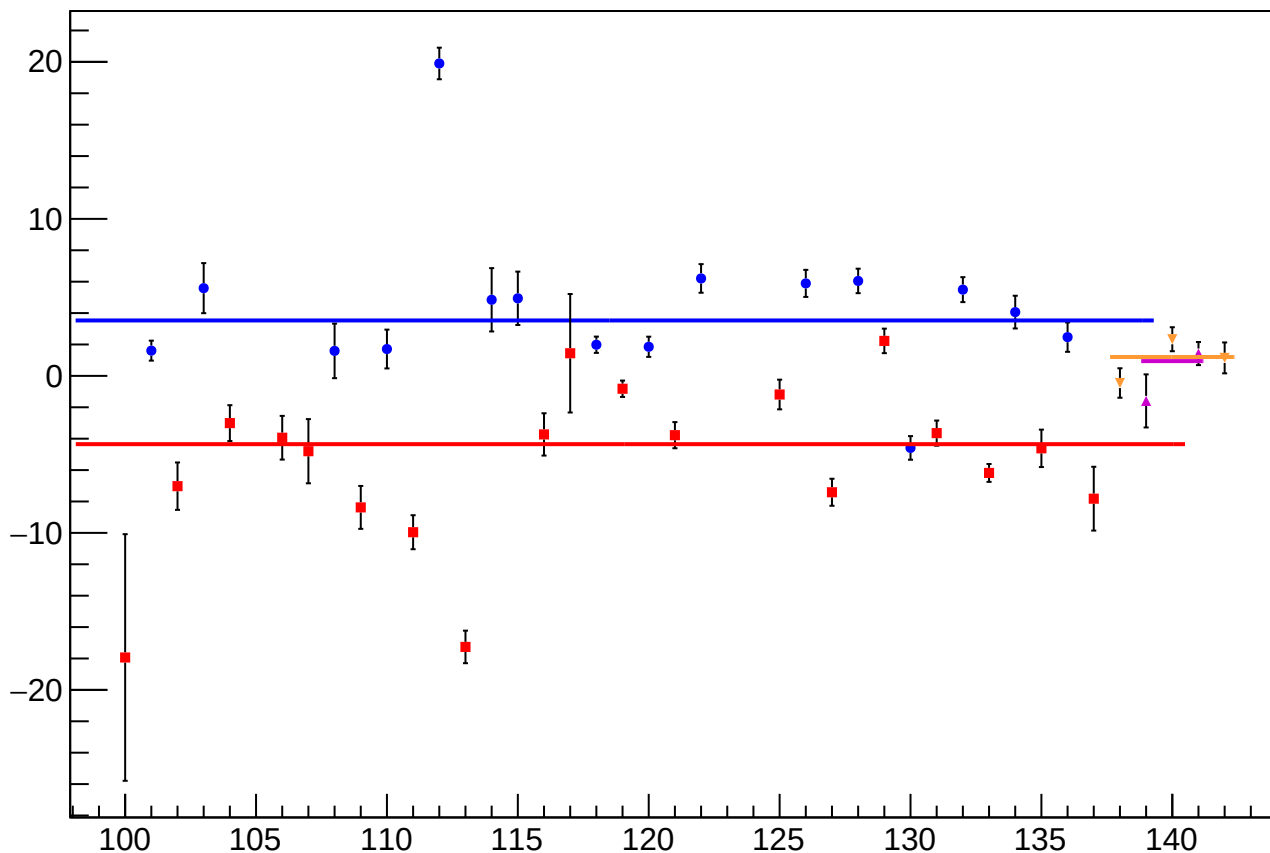
Left In: 44.015 ± 0.695 χ^2/NDF : 1.3/1

-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 χ^2/NDF : 446.6/15

Left Out: 1.203 ± 0.508 χ^2/NDF : 5.3/2

Right Out: -4.349 ± 0.225 χ^2/NDF : 356.2/18

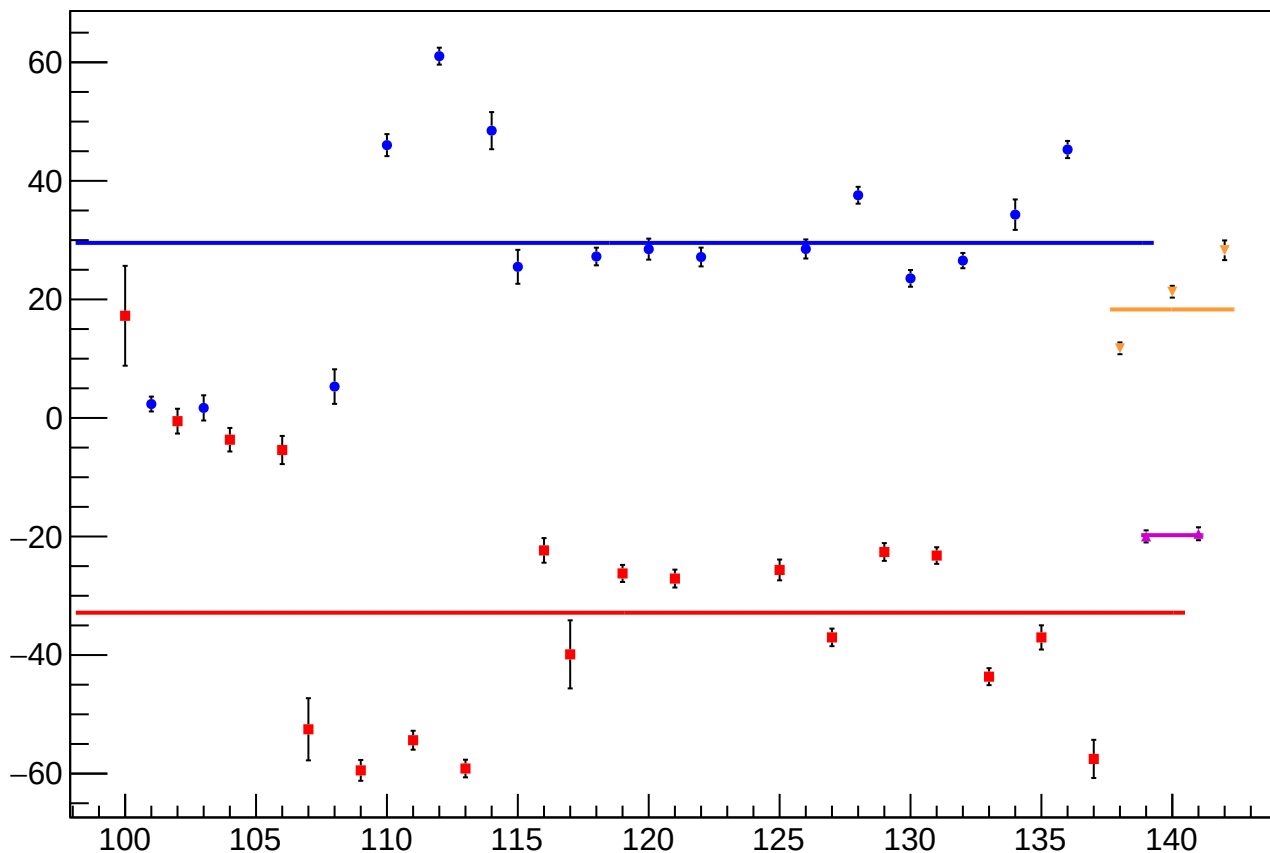
Left In: 0.941 ± 0.674 χ^2/NDF : 2.7/1

3.169 ± 0.200 χ^2/NDF : 469.6/18

-0.095 ± 0.146 χ^2/NDF : 1455.2/39

-3.819 ± 0.213 χ^2/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

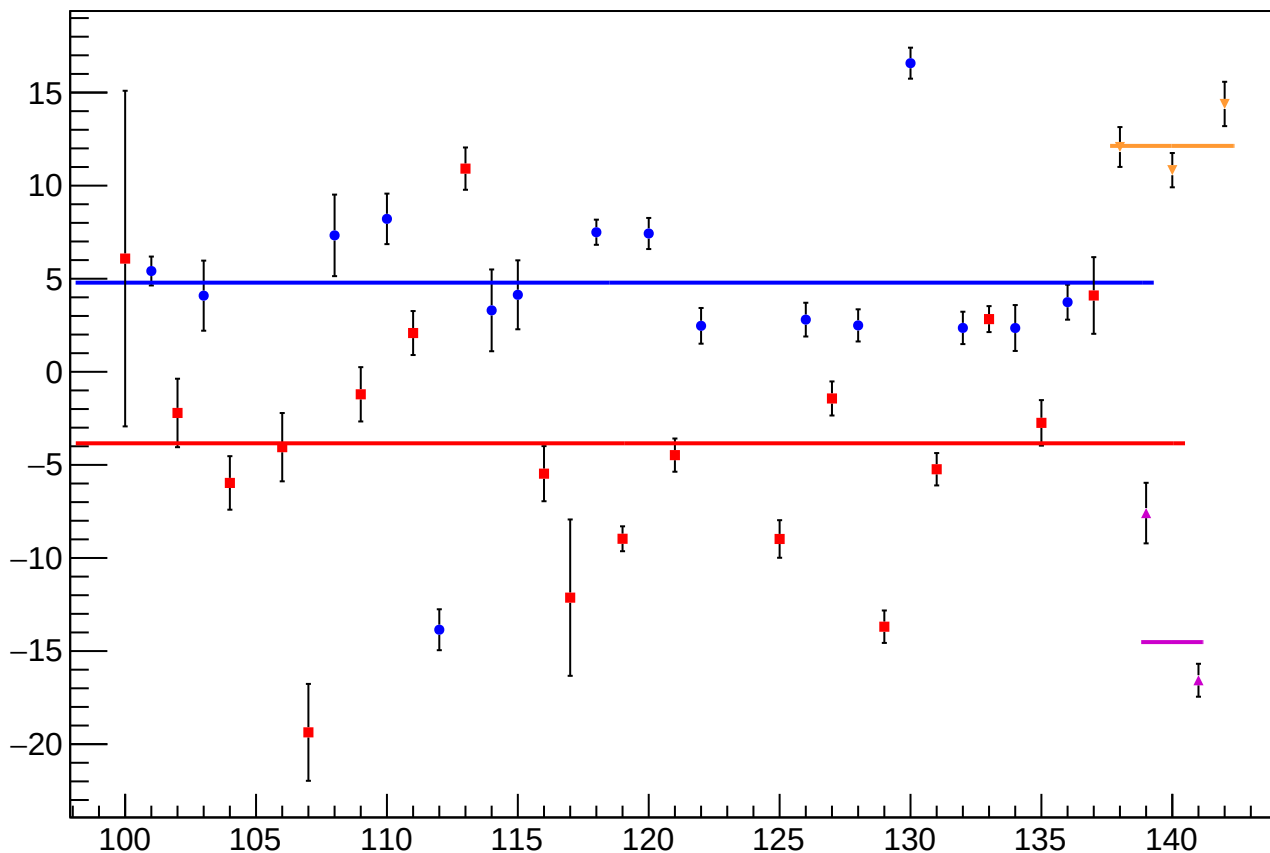
Left In: -19.774 +/- 0.747 χ^2/NDF : 0.1/1

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

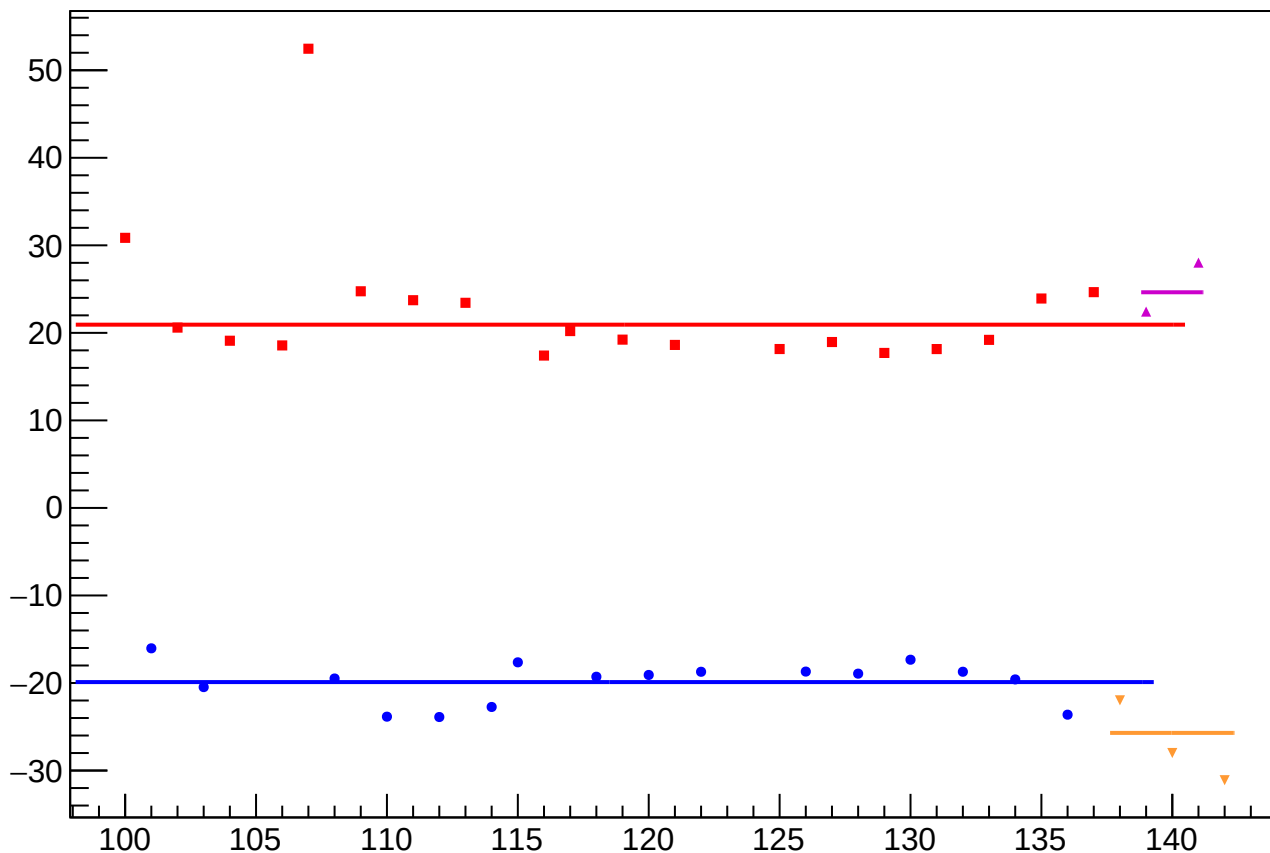
Left In: -14.518 $\pm$ 0.777 χ^2 /NDF: 23.5/1

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

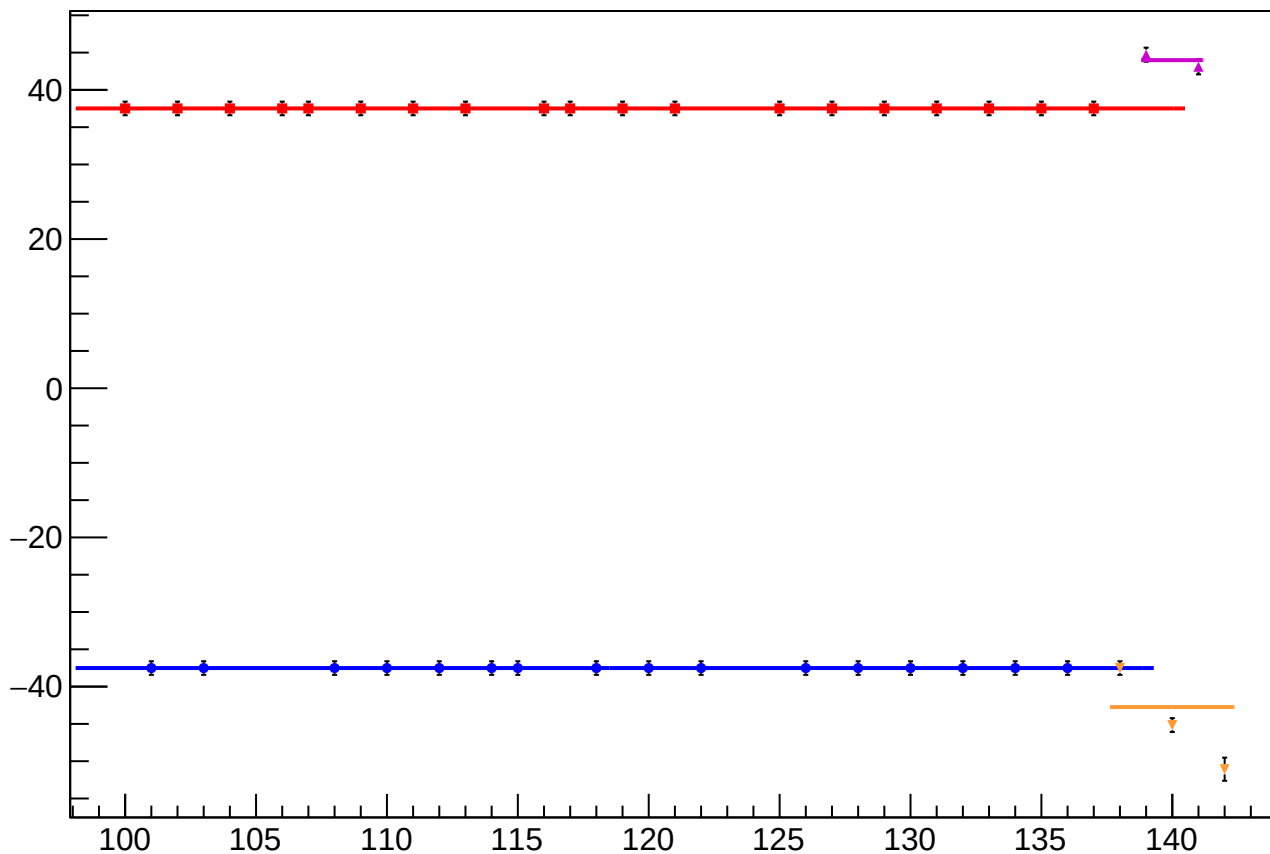
Left In: 24.637+/-0.028 χ^2/NDF :9648.3/1

-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 ± 0.229 $\chi^2/\text{NDF}: 0.0/15$

Left Out: -42.742 ± 0.602 $\chi^2/\text{NDF}: 68.1/2$

Right Out: 37.512 ± 0.210 $\chi^2/\text{NDF}: 0.0/18$

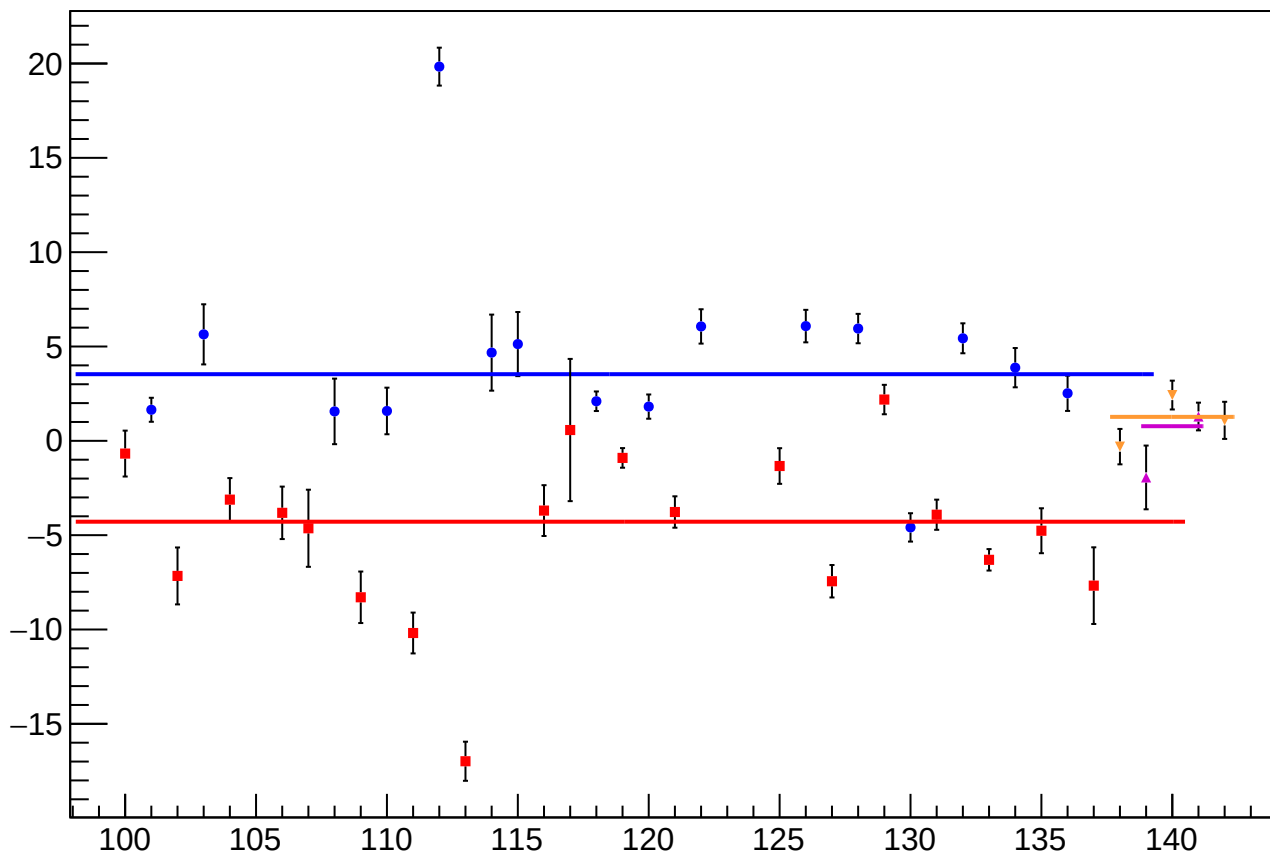
Left In: 43.985 ± 0.695 $\chi^2/\text{NDF}: 1.3/1$

-38.173 ± 0.214 $\chi^2/\text{NDF}: 134.0/18$

2.307 ± 0.147 $\chi^2/\text{NDF}: 67572.9/39$

38.055 ± 0.201 $\chi^2/\text{NDF}: 80.8/20$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.532 ± 0.217 χ^2/NDF : 443.2/15

Left Out: 1.270 ± 0.507 χ^2/NDF : 5.2/2

Right Out: -4.286 ± 0.221 χ^2/NDF : 354.5/18

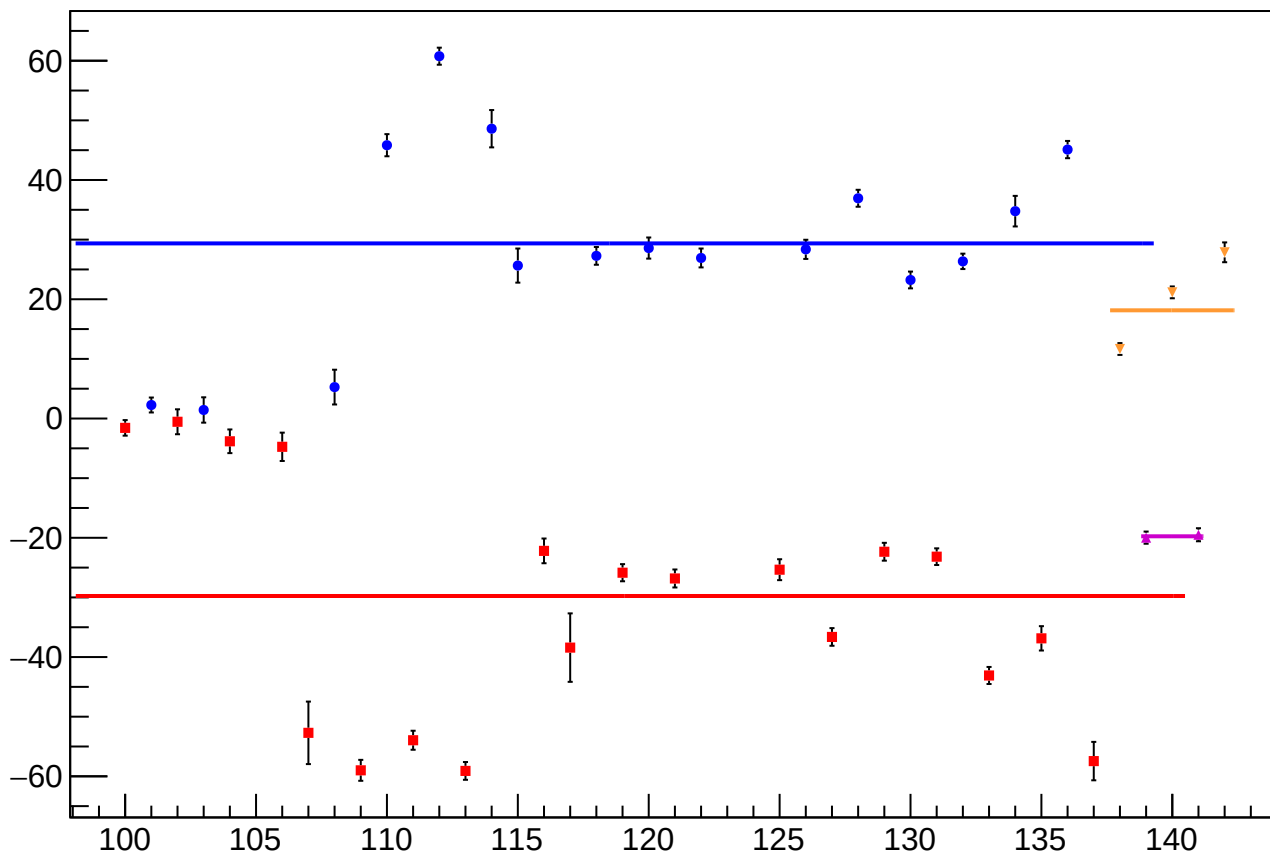
Left In: 0.776 ± 0.674 χ^2/NDF : 3.1/1

3.182 ± 0.200 χ^2/NDF : 465.2/18

-0.128 ± 0.145 χ^2/NDF : 1452.8/39

-3.794 ± 0.210 χ^2/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

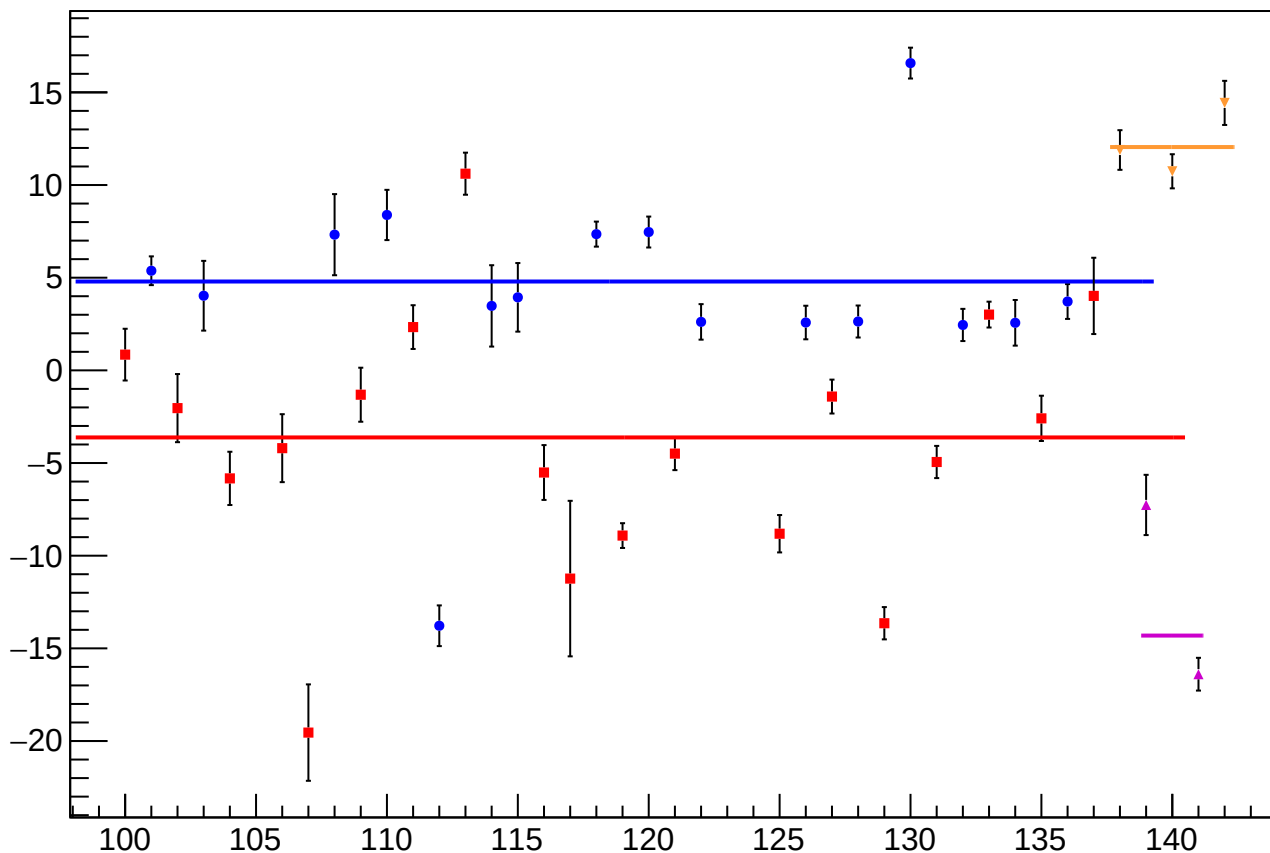
Left In: -19.750 $\pm$ 0.746 χ^2/NDF : 0.1/1

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

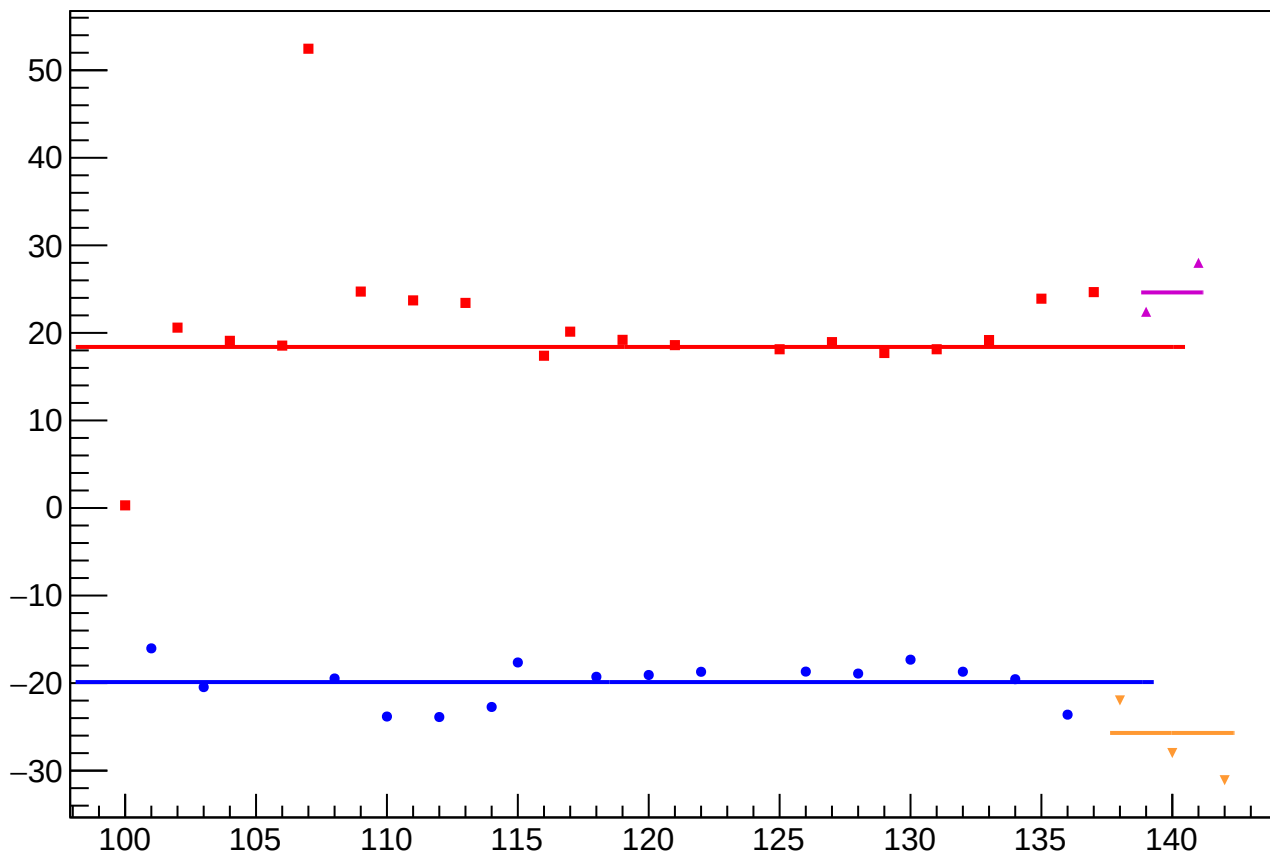
Left In: -14.310 $\pm$ 0.777 χ^2/NDF : 24.4/1

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+/-0.016 χ^2/NDF : 26063.5/15

Left Out: -25.694+/-0.027 χ^2/NDF : 18388.1/2

Right Out: 18.395+/-0.015 χ^2/NDF : 301292.0/18

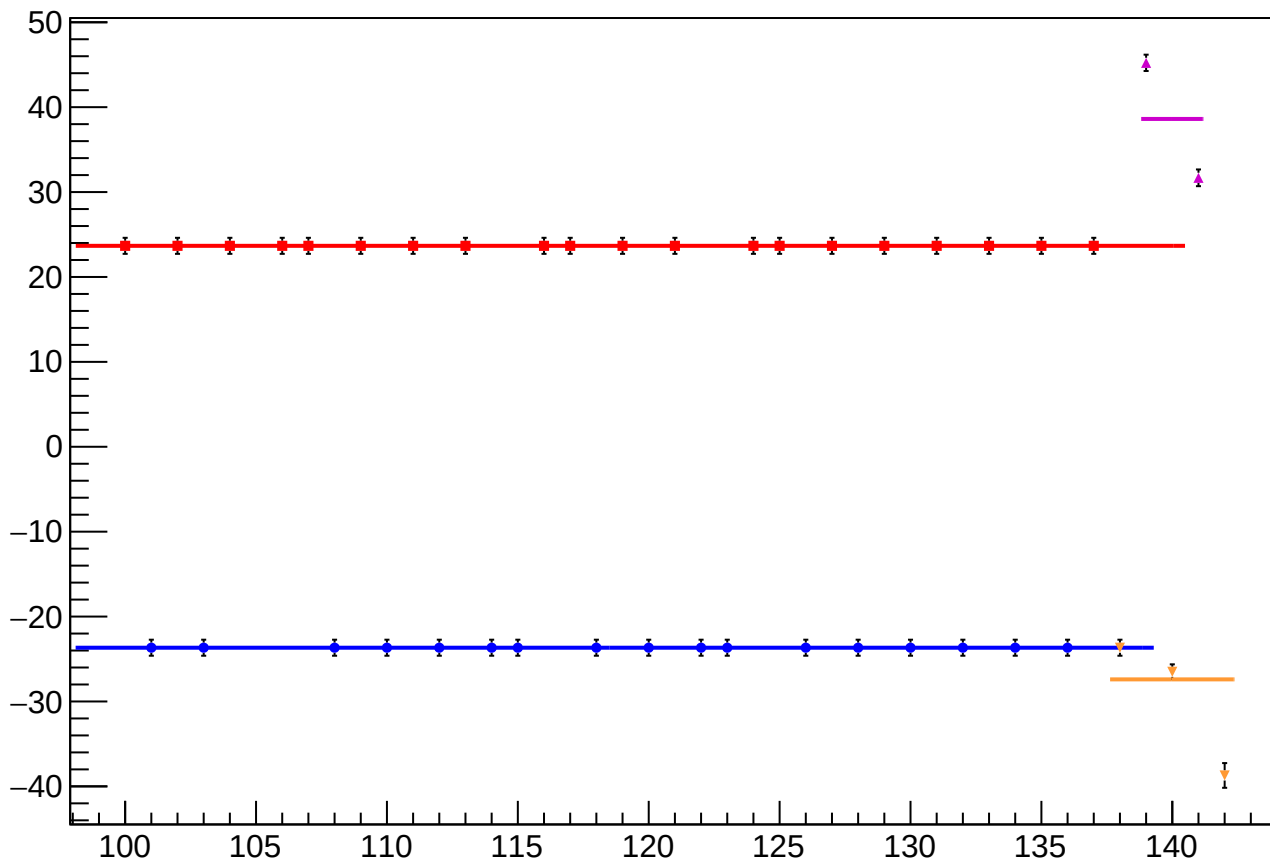
Left In: 24.621+/-0.028 χ^2/NDF : 9649.0/1

-21.363+/-0.013 χ^2/NDF : 79981.0/18

-0.143+/-0.009 χ^2/NDF : 5266780.7/39

19.757+/-0.013 χ^2/NDF : 350088.9/20

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.668 $\pm$ 0.229 χ^2 /NDF: 0.0/16

Left Out: -27.398 $\pm$ 0.588 χ^2 /NDF: 77.1/2

Right Out: 23.668 $\pm$ 0.211 χ^2 /NDF: 0.0/19

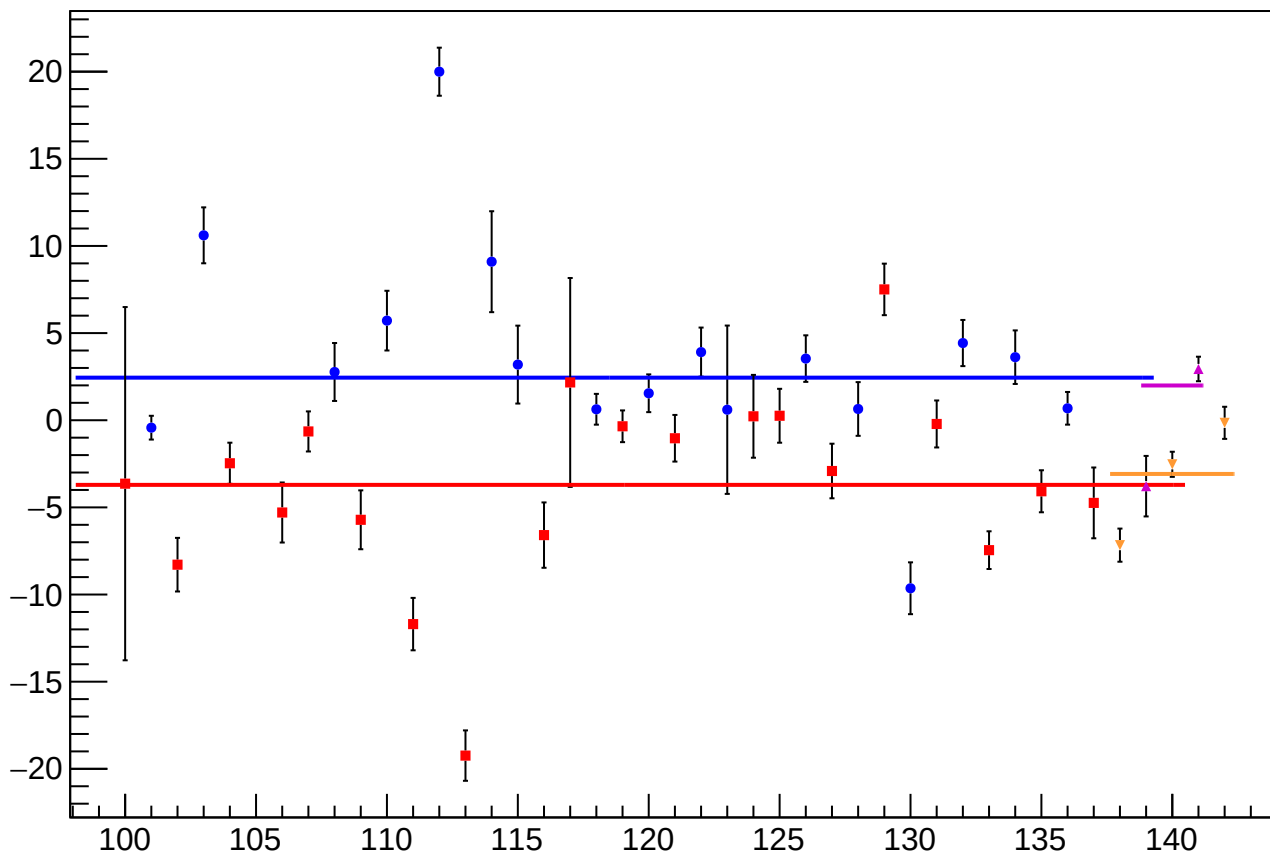
Left In: 38.613 $\pm$ 0.688 χ^2 /NDF: 96.7/1

-24.159 $\pm$ 0.213 χ^2 /NDF: 112.0/19

1.763 $\pm$ 0.147 χ^2 /NDF: 28587.1/41

24.954 $\pm$ 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 $\chi^2/\text{NDF}: 295.3/16$

Left Out: -3.081 ± 0.487 $\chi^2/\text{NDF}: 29.2/2$

Right Out: -3.708 ± 0.326 $\chi^2/\text{NDF}: 270.1/19$

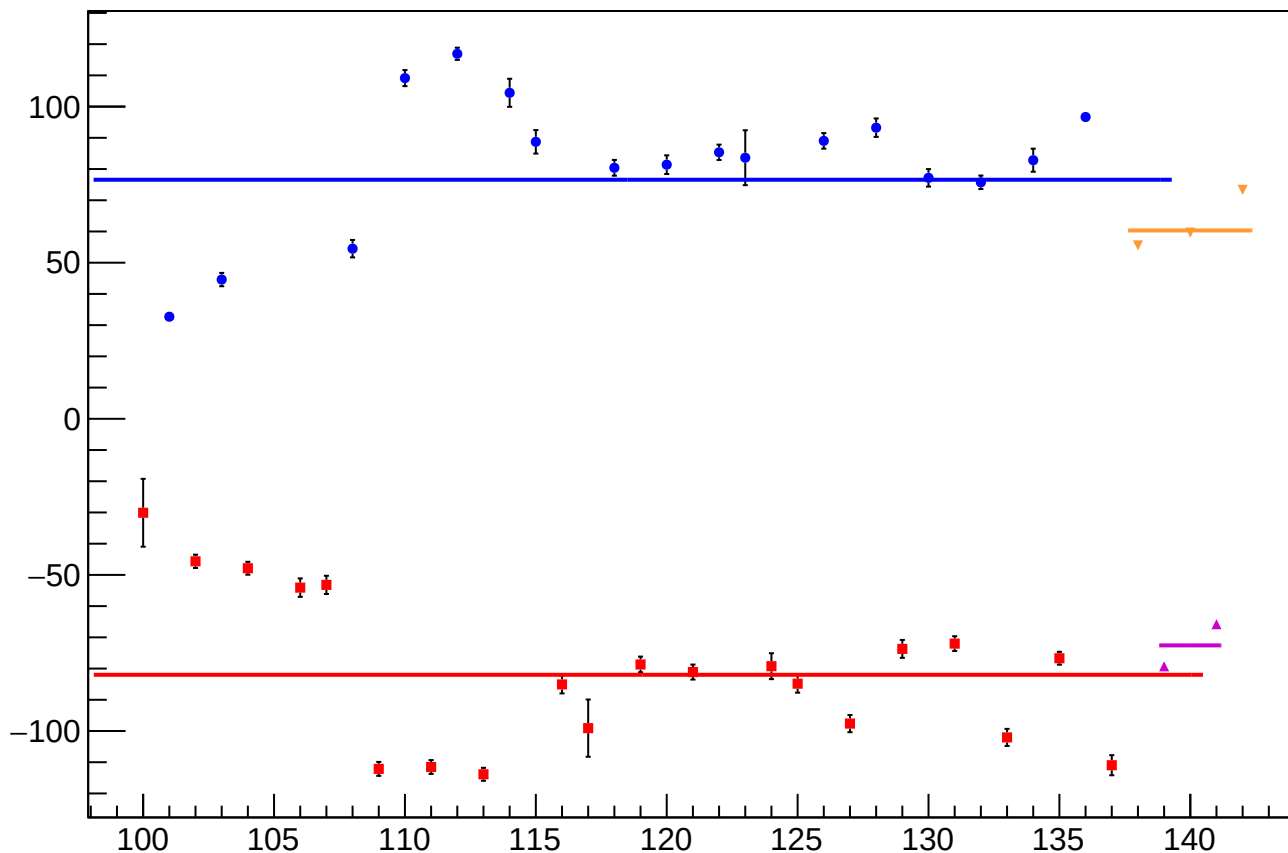
Left In: 1.994 ± 0.652 $\chi^2/\text{NDF}: 12.9/1$

0.844 ± 0.262 $\chi^2/\text{NDF}: 415.9/19$

-0.679 ± 0.195 $\chi^2/\text{NDF}: 835.5/41$

-2.565 ± 0.292 $\chi^2/\text{NDF}: 344.1/21$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 60.328 $\pm$ 0.631 χ^2 /NDF: 92.1/2

Right Out: -81.994 $\pm$ 0.591 χ^2 /NDF: 1574.1/19

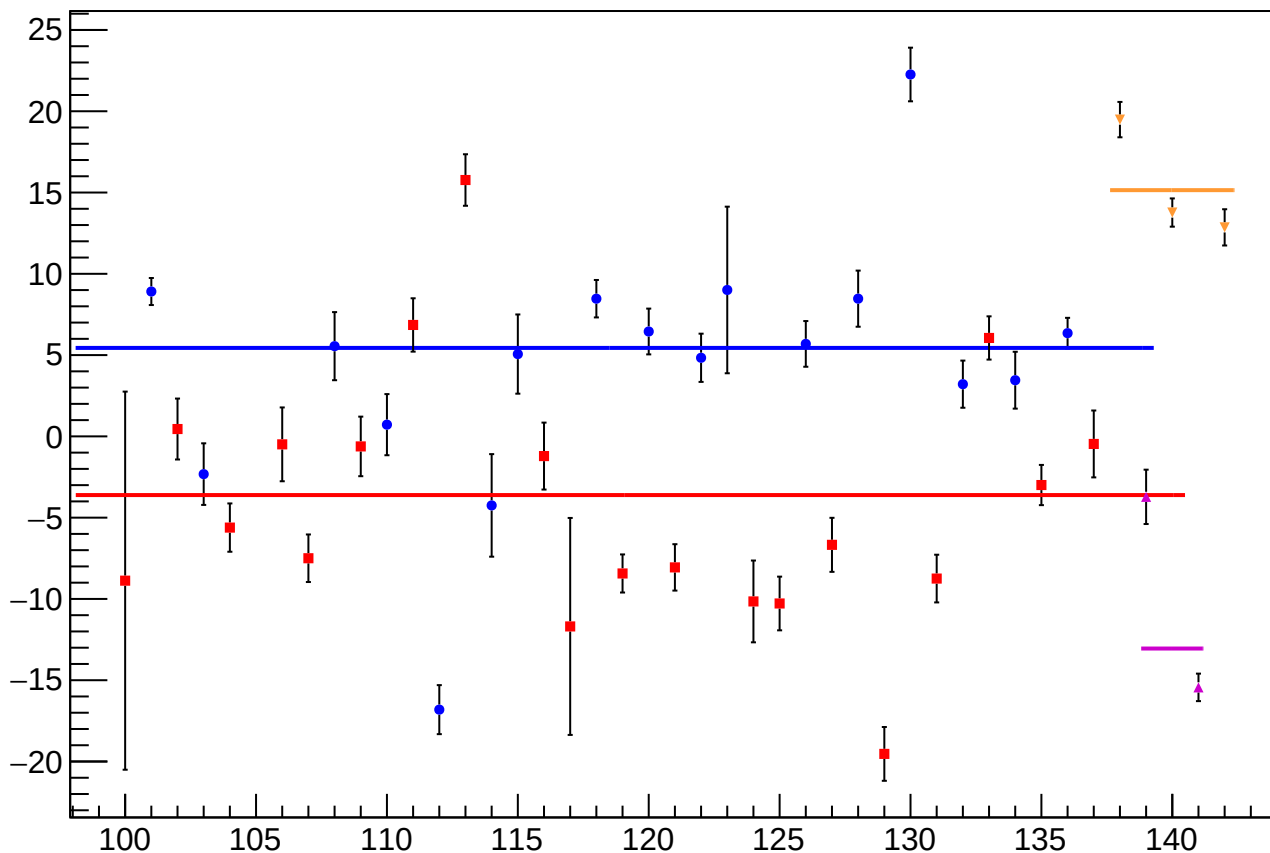
Left In: -72.576 $\pm$ 0.738 χ^2 /NDF: 83.4/1

69.230 $\pm$ 0.424 χ^2 /NDF: 2708.6/19

1.585 $\pm$ 0.312 χ^2 /NDF: 59879.2/41

-78.319 $\pm$ 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: 15.146 $\pm$ 0.580 χ^2 /NDF: 22.6/2

Right Out: -3.611 $\pm$ 0.375 χ^2 /NDF: 424.7/19

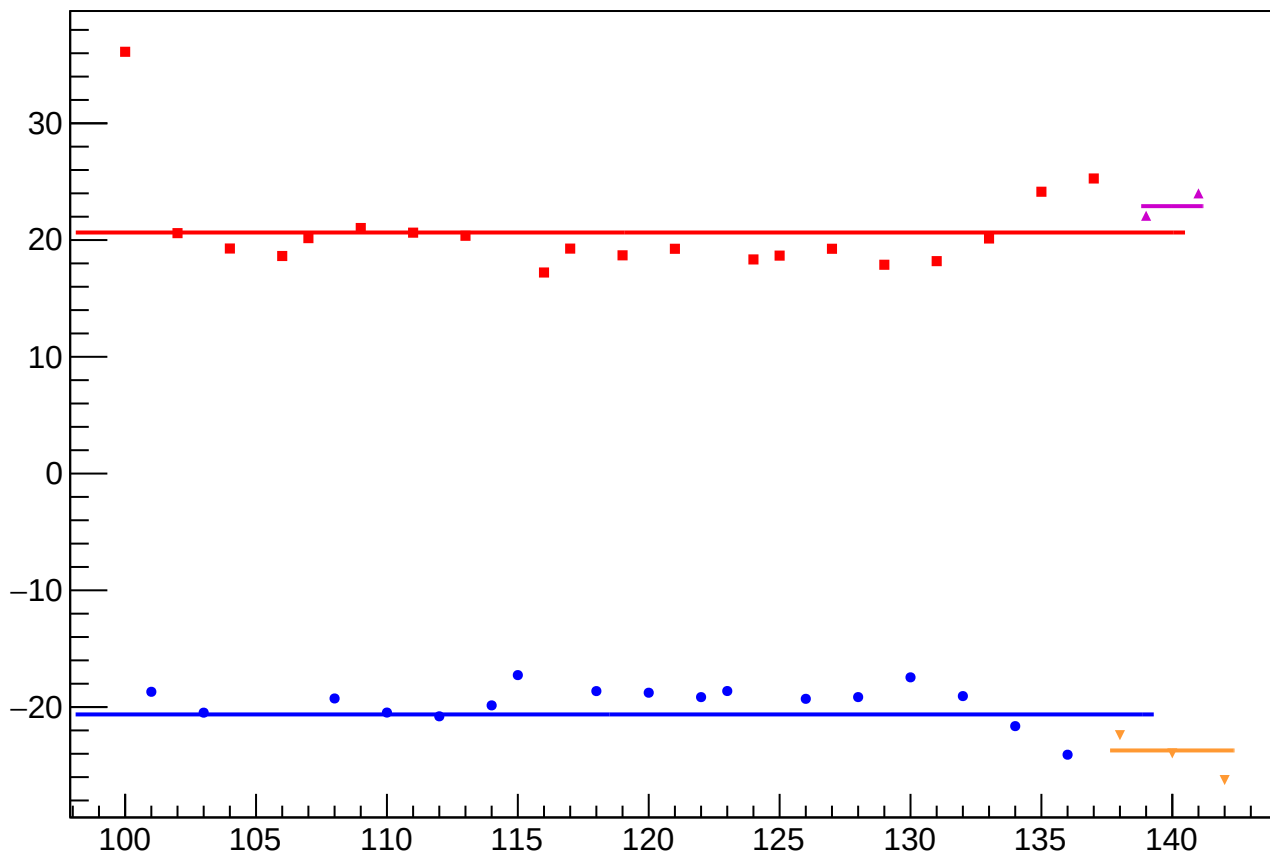
Left In: -13.051 $\pm$ 0.755 χ^2 /NDF: 39.1/1

8.112 $\pm$ 0.304 χ^2 /NDF: 613.1/19

1.984 $\pm$ 0.225 χ^2 /NDF: 2102.6/41

-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: -23.716 ± 0.026 $\chi^2/\text{NDF}: 2728.8/2$

Right Out: 20.647 ± 0.019 $\chi^2/\text{NDF}: 13896.5/19$

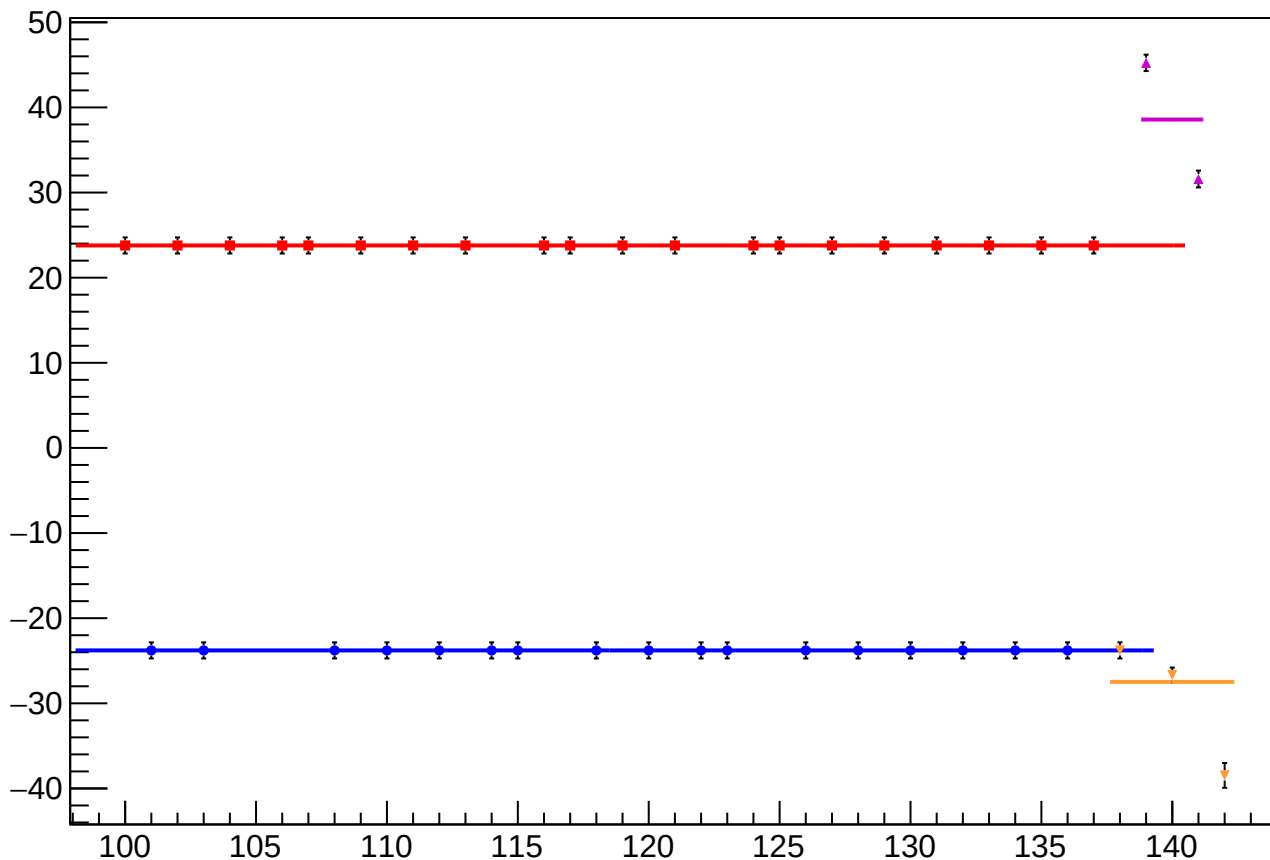
Left In: 22.904 ± 0.028 $\chi^2/\text{NDF}: 1168.5/1$

-21.719 ± 0.016 $\chi^2/\text{NDF}: 24255.9/19$

-0.707 ± 0.011 $\chi^2/\text{NDF}: 3808737.6/41$

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 χ^2/NDF : 0.0/16

Left Out: -27.483 ± 0.589 χ^2/NDF : 73.1/2

Right Out: 23.785 ± 0.211 χ^2/NDF : 0.0/19

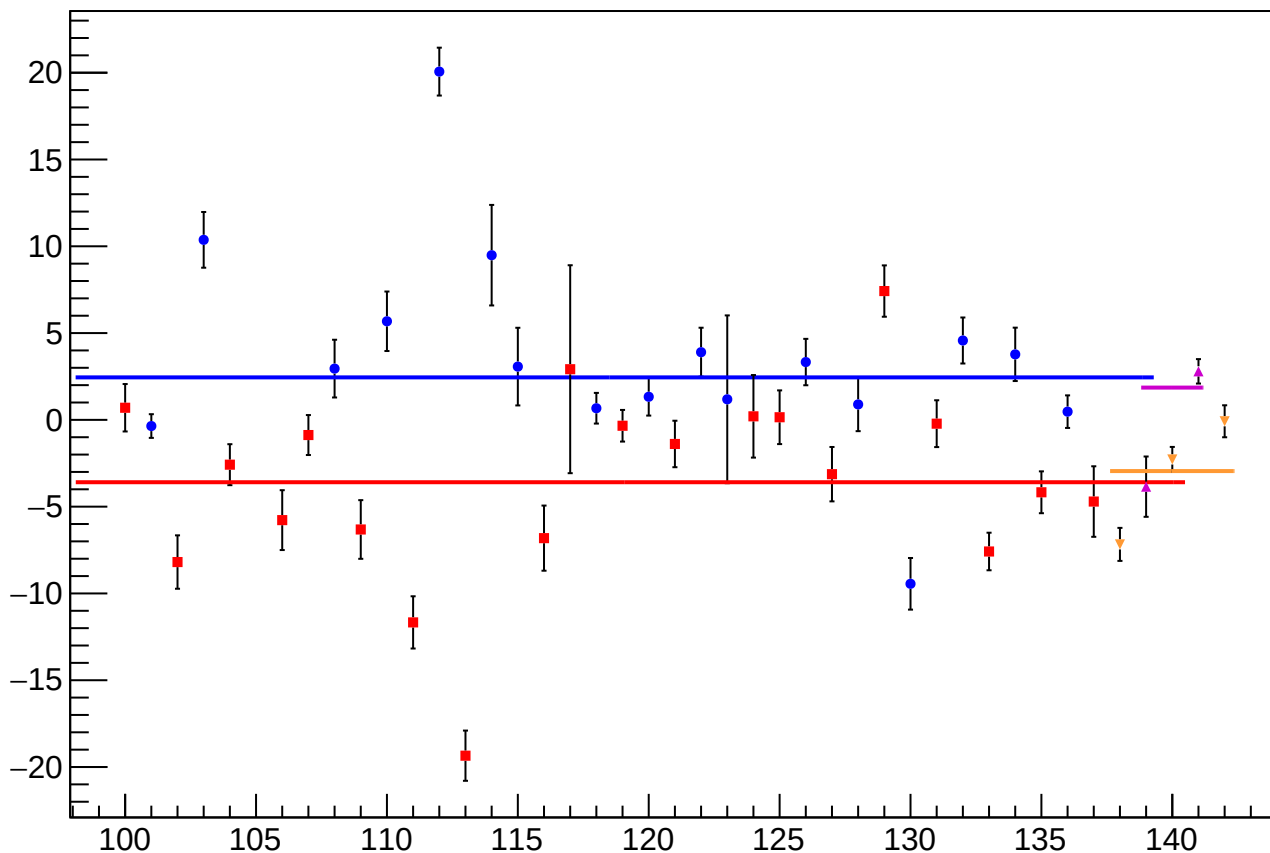
Left In: 38.576 ± 0.689 χ^2/NDF : 98.0/1

-24.272 ± 0.214 χ^2/NDF : 107.3/19

1.765 ± 0.147 χ^2/NDF : 28780.7/41

25.058 ± 0.202 χ^2/NDF : 519.6/21

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.448 ± 0.311 $\chi^2/\text{NDF}: 293.4/16$

Left Out: -2.950 ± 0.488 $\chi^2/\text{NDF}: 30.3/2$

Right Out: -3.593 ± 0.318 $\chi^2/\text{NDF}: 280.6/19$

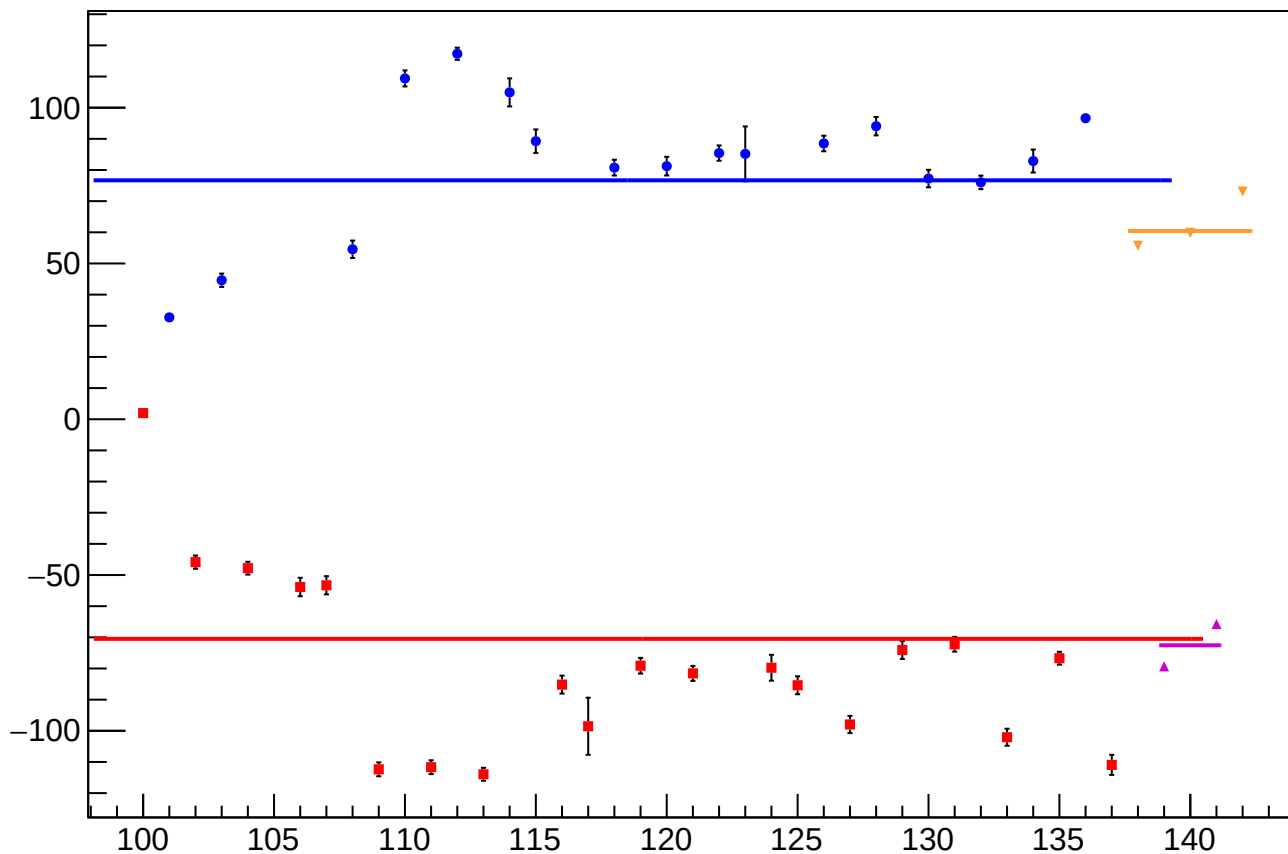
Left In: 1.859 ± 0.652 $\chi^2/\text{NDF}: 12.6/1$

0.885 ± 0.262 $\chi^2/\text{NDF}: 410.8/19$

-0.685 ± 0.193 $\chi^2/\text{NDF}: 838.7/41$

-2.547 ± 0.286 $\chi^2/\text{NDF}: 349.6/21$

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: 60.423 $\pm$ 0.632 χ^2/NDF : 87.8/2

Right Out: -70.487 $\pm$ 0.549 χ^2/NDF : 4400.5/19

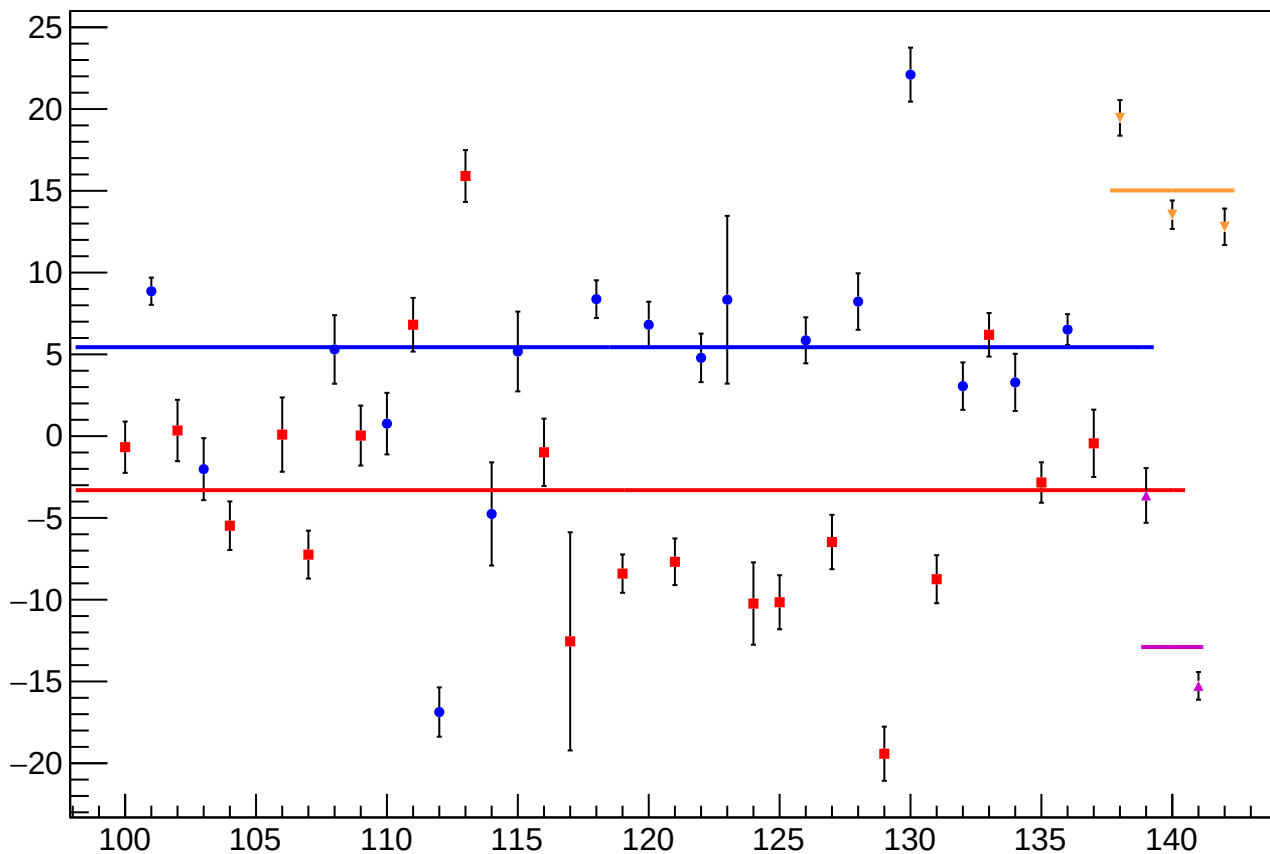
Left In: -72.555 $\pm$ 0.739 χ^2/NDF : 84.3/1

69.337 $\pm$ 0.425 χ^2/NDF : 2716.2/19

1.639 $\pm$ 0.306 χ^2/NDF : 59971.6/41

-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+/-0.357 χ^2/NDF : 385.9/16

Left Out: 15.022+/-0.580 χ^2/NDF : 23.5/2

Right Out: -3.303+/-0.365 χ^2/NDF : 427.7/19

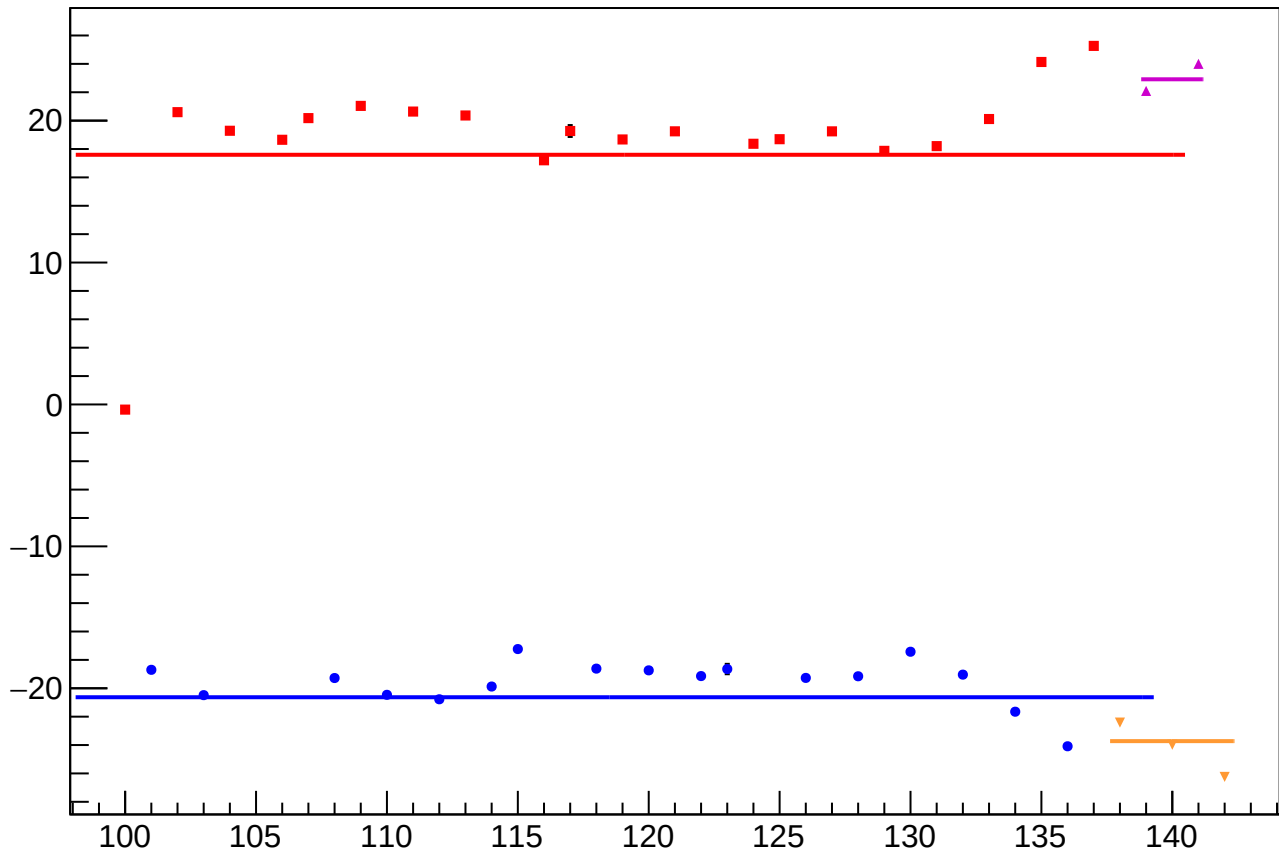
Left In: -12.894+/-0.755 χ^2/NDF : 38.6/1

8.076+/-0.304 χ^2/NDF : 607.1/19

1.982+/-0.223 χ^2/NDF : 2072.1/41

-5.117+/-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: -23.725+/-0.026 χ^2/NDF : 2703.3/2

Right Out: 17.594+/-0.018 χ^2/NDF : 178696.7/19

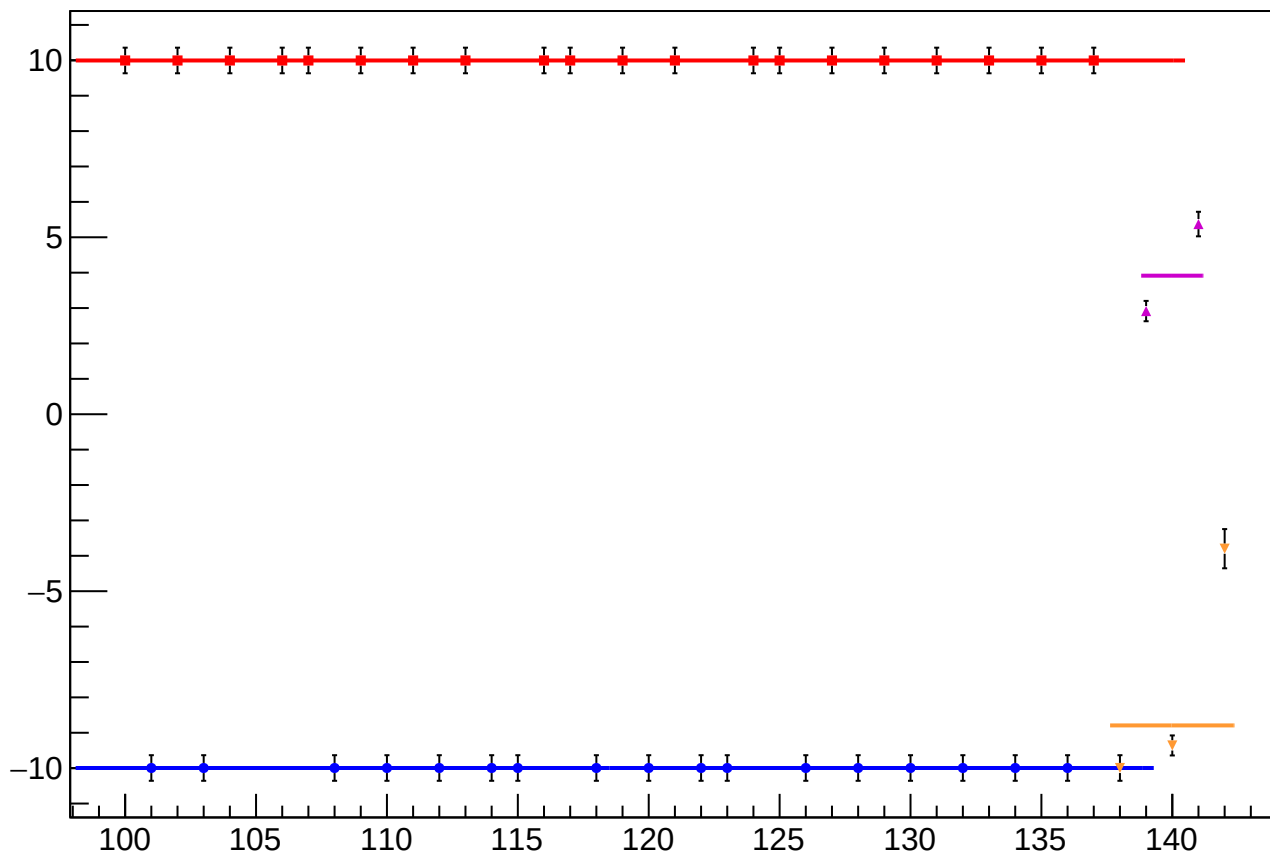
Left In: 22.913+/-0.028 χ^2/NDF : 1157.0/1

-21.722+/-0.016 χ^2/NDF : 24301.0/19

-0.722+/-0.011 χ^2/NDF : 3794959.1/41

19.167+/-0.015 χ^2/NDF : 205689.1/21

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -9.995 ± 0.088 χ^2/NDF : 0.0/16

Left Out: -8.792 ± 0.207 χ^2/NDF : 96.3/2

Right Out: 9.995 ± 0.081 χ^2/NDF : 0.0/19

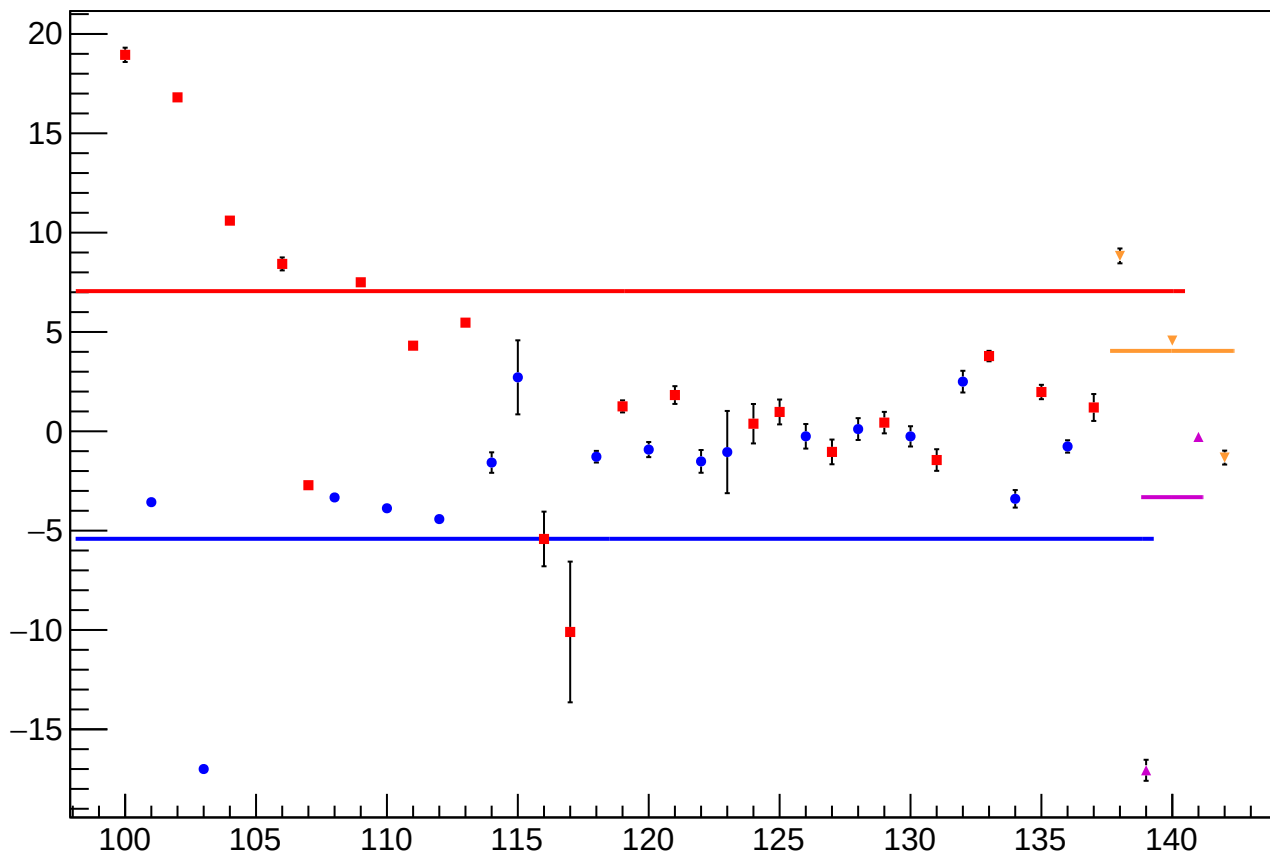
Left In: 3.915 ± 0.221 χ^2/NDF : 29.8/1

-9.812 ± 0.081 χ^2/NDF : 125.0/19

0.317 ± 0.055 χ^2/NDF : 30461.9/41

9.279 ± 0.076 χ^2/NDF : 696.0/21

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: 4.048+/-0.173 χ^2/NDF :401.7/2

Right Out: 7.056+/-0.059 χ^2/NDF : 12352.9/19

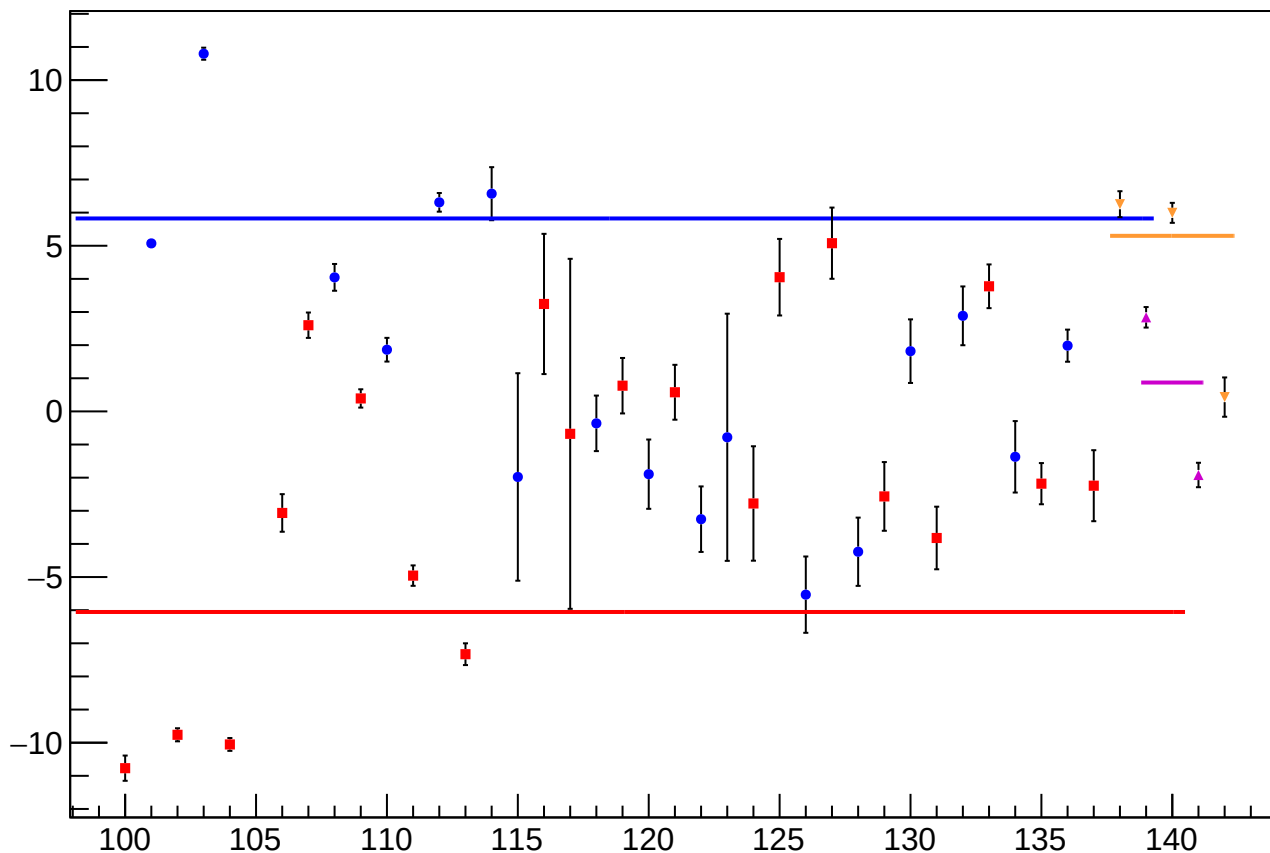
Left In: -3.314+/-0.225 χ^2/NDF :823.9/1

-4.552+/-0.052 χ^2/NDF : 12374.1/19

0.427+/-0.039 χ^2/NDF : 47536.7/41

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: 5.299 $\pm$ 0.222 χ^2/NDF : 78.6/2

Right Out: -6.054 $\pm$ 0.093 χ^2/NDF : 2669.9/19

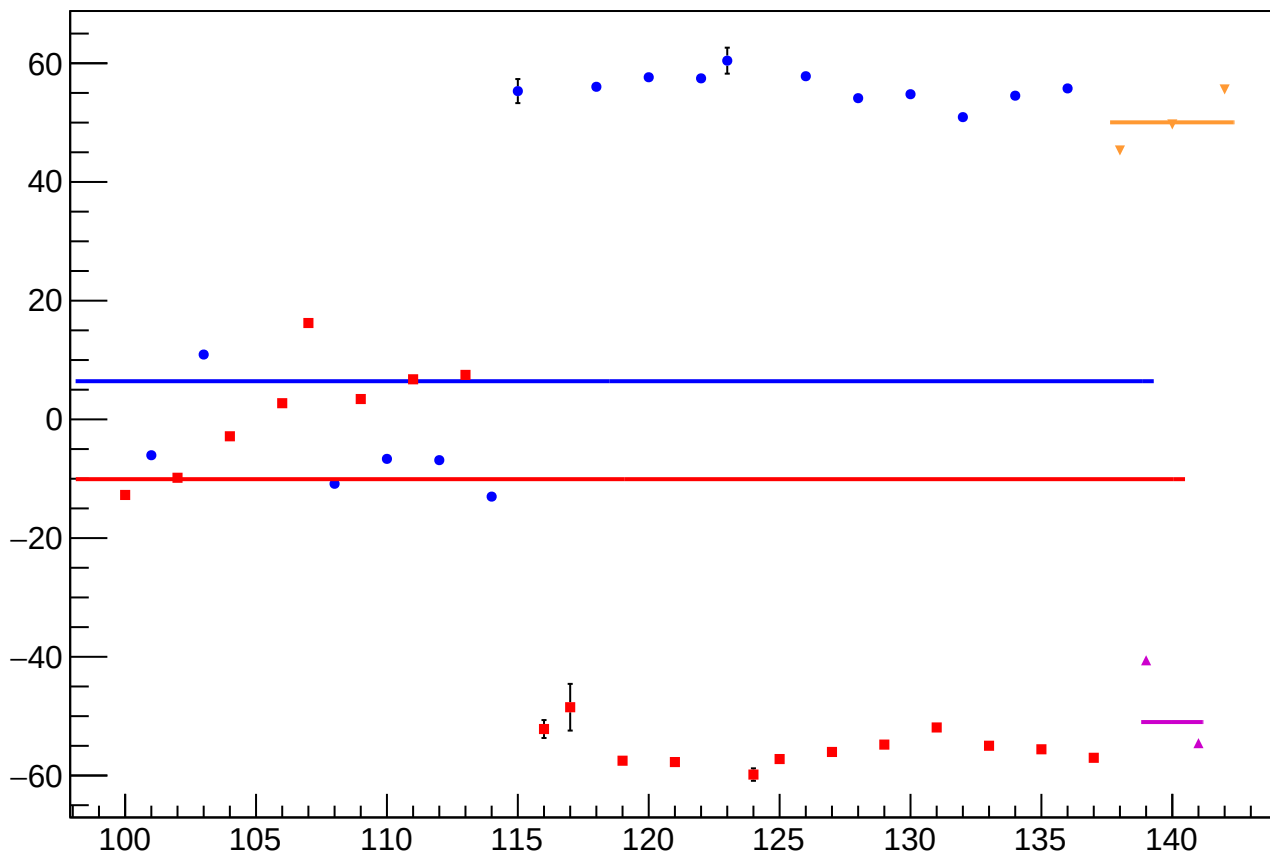
Left In: 0.871 $\pm$ 0.237 χ^2/NDF : 97.6/1

5.750 $\pm$ 0.083 χ^2/NDF : 1536.0/19

0.553 $\pm$ 0.060 χ^2/NDF : 13235.7/41

-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 χ^2/NDF : 123486.3/16

Left Out: 50.045 ± 0.206 χ^2/NDF : 296.4/2

Right Out: -10.072 ± 0.070 χ^2/NDF : 121911.4/19

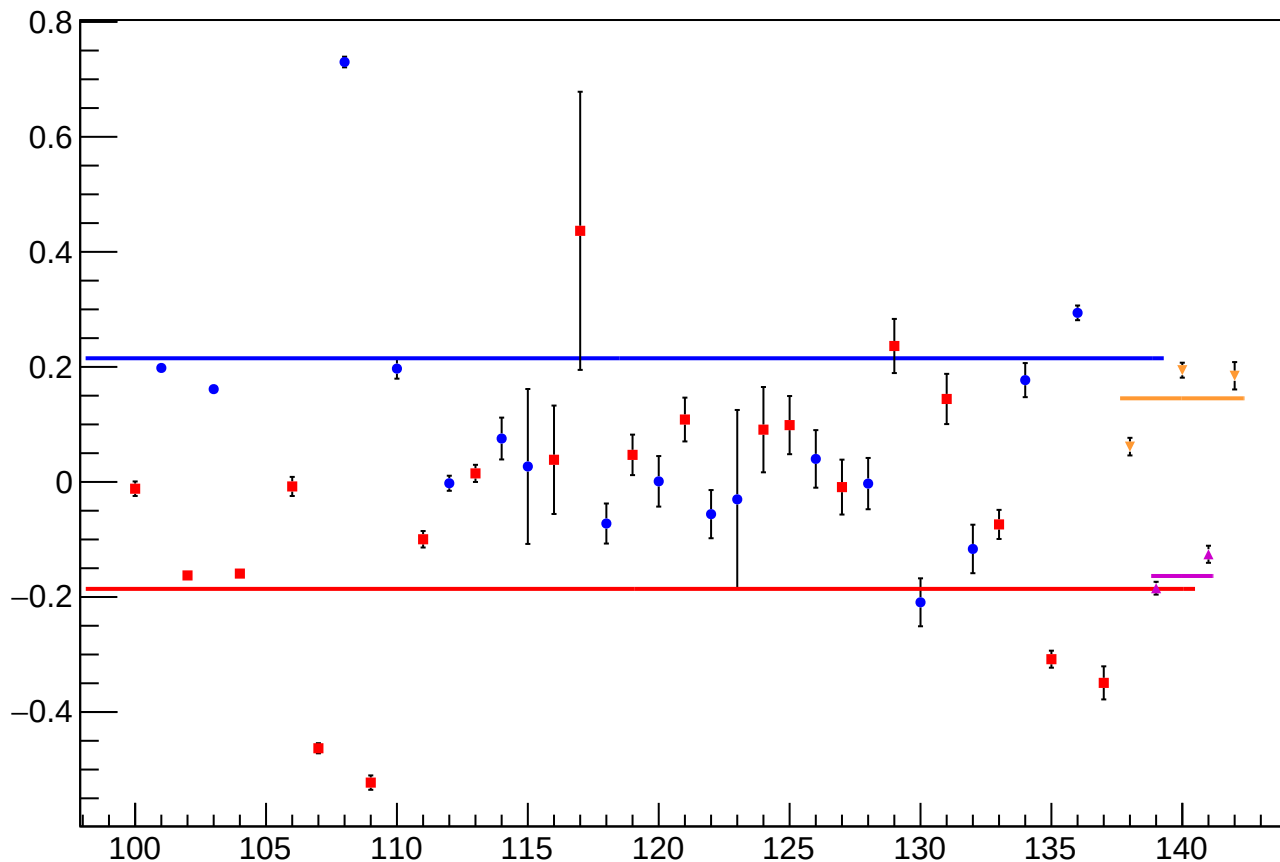
Left In: -50.993 ± 0.258 χ^2/NDF : 557.5/1

10.346 ± 0.062 χ^2/NDF : 164565.1/19

-0.258 ± 0.045 χ^2/NDF : 375158.2/41

-12.867 ± 0.067 χ^2/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: 0.145 $\pm$ 0.009 χ^2 /NDF: 46.9/2

Right Out: -0.186 $\pm$ 0.003 χ^2 /NDF: 2726.9/19

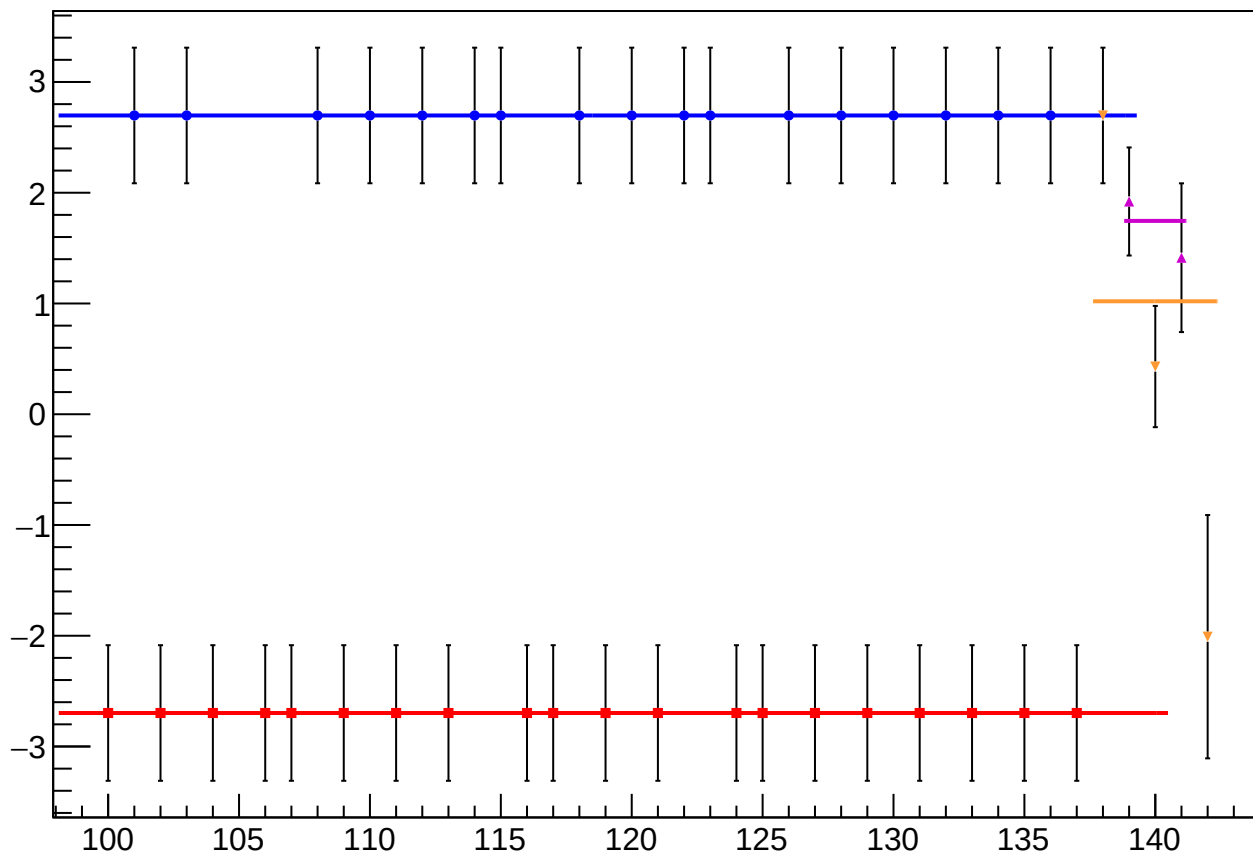
Left In: -0.163 $\pm$ 0.009 χ^2 /NDF: 10.1/1

0.209 $\pm$ 0.003 χ^2 /NDF: 4030.0/19

0.007 $\pm$ 0.002 χ^2 /NDF: 18110.2/41

-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: 1.020 $\pm$ 0.383 χ^2/NDF : 16.3/2

Right Out: -2.698 $\pm$ 0.137 χ^2/NDF : 0.0/19

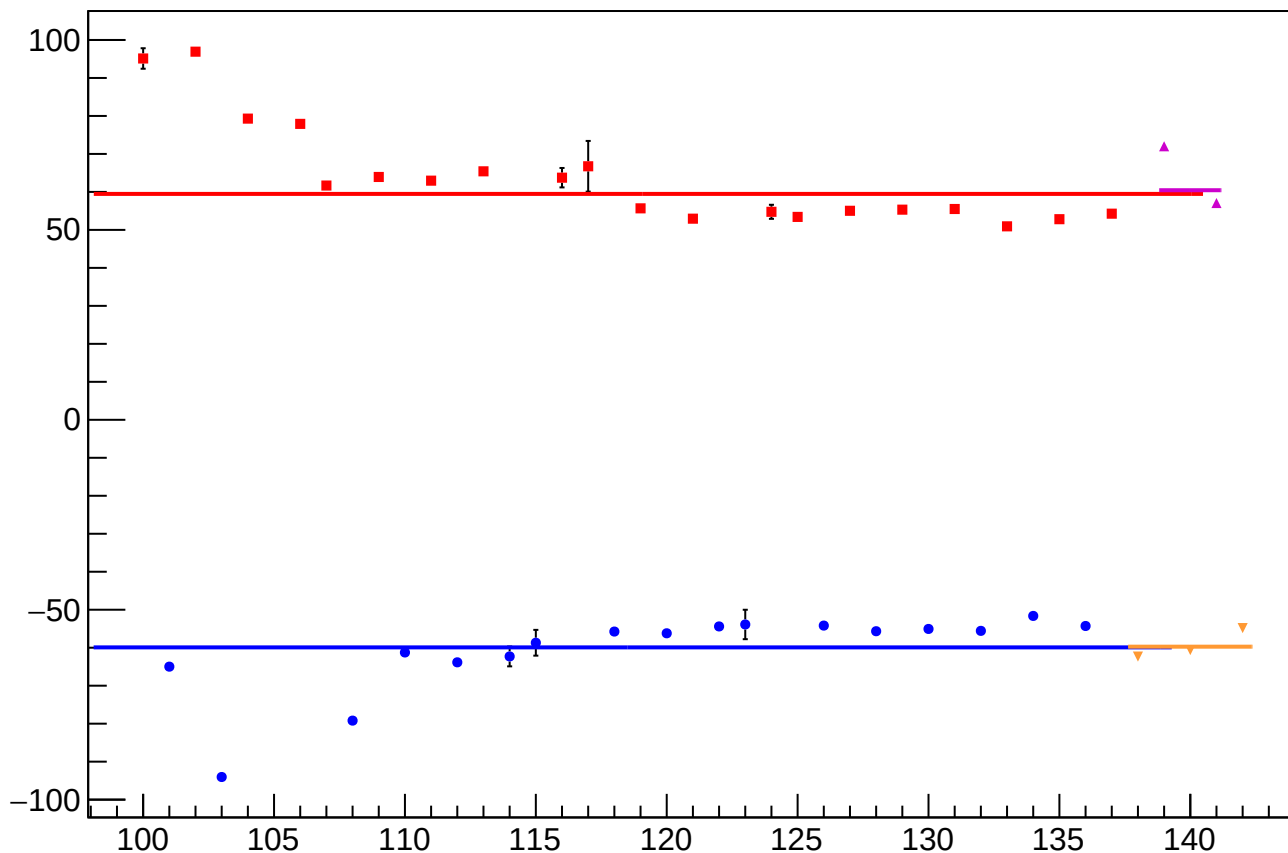
Left In: 1.746 $\pm$ 0.395 χ^2/NDF : 0.4/1

2.478 $\pm$ 0.138 χ^2/NDF : 33.0/19

-0.031 $\pm$ 0.095 χ^2/NDF : 761.6/41

-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: -59.729 ± 0.333 χ^2/NDF : 68.0/2

Right Out: 59.475 ± 0.212 χ^2/NDF : 2913.9/19

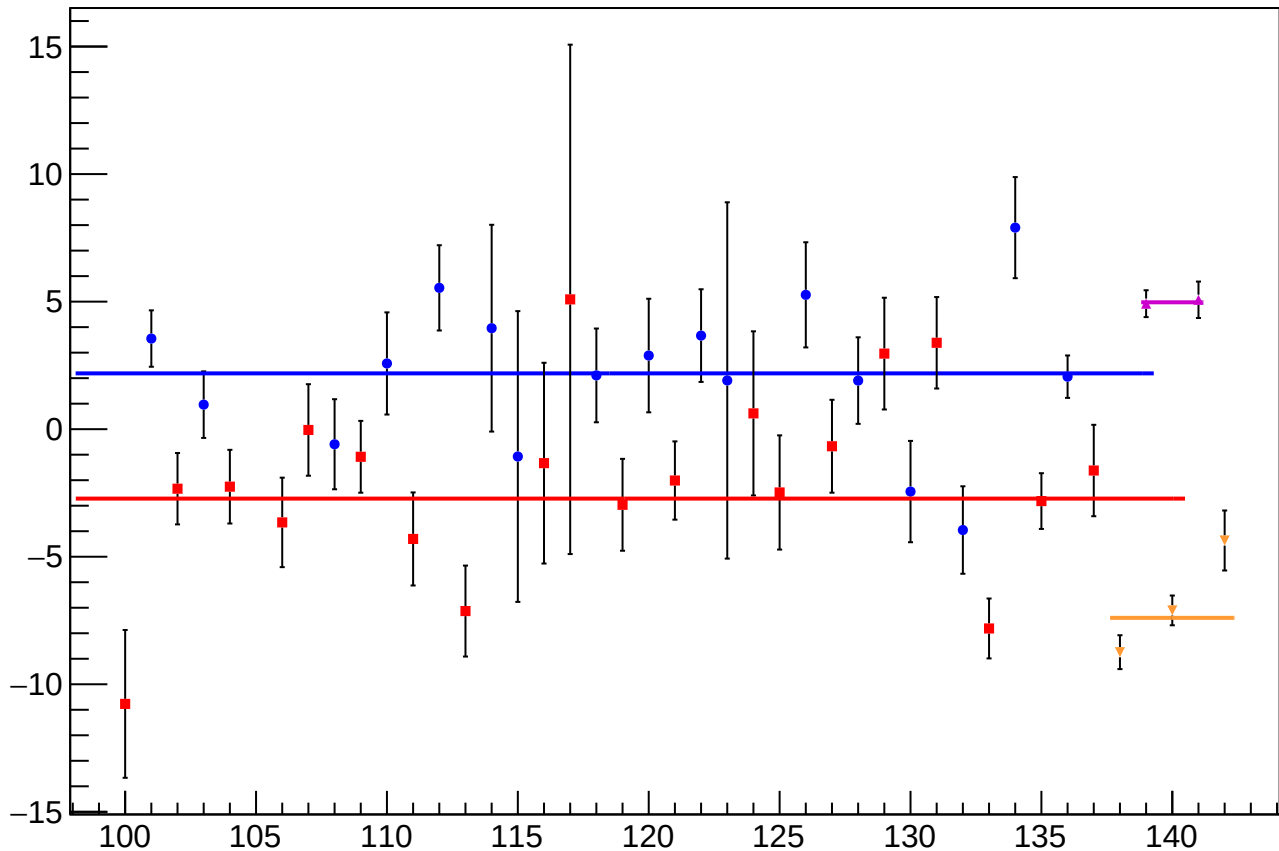
Left In: 60.446 ± 0.425 χ^2/NDF : 215.8/1

-59.857 ± 0.185 χ^2/NDF : 2047.7/19

-1.517 ± 0.133 χ^2/NDF : 208454.2/41

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 ± 0.404 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -7.396 ± 0.411 $\chi^2/\text{NDF}: 11.0/2$

Right Out: -2.721 ± 0.387 $\chi^2/\text{NDF}: 59.5/19$

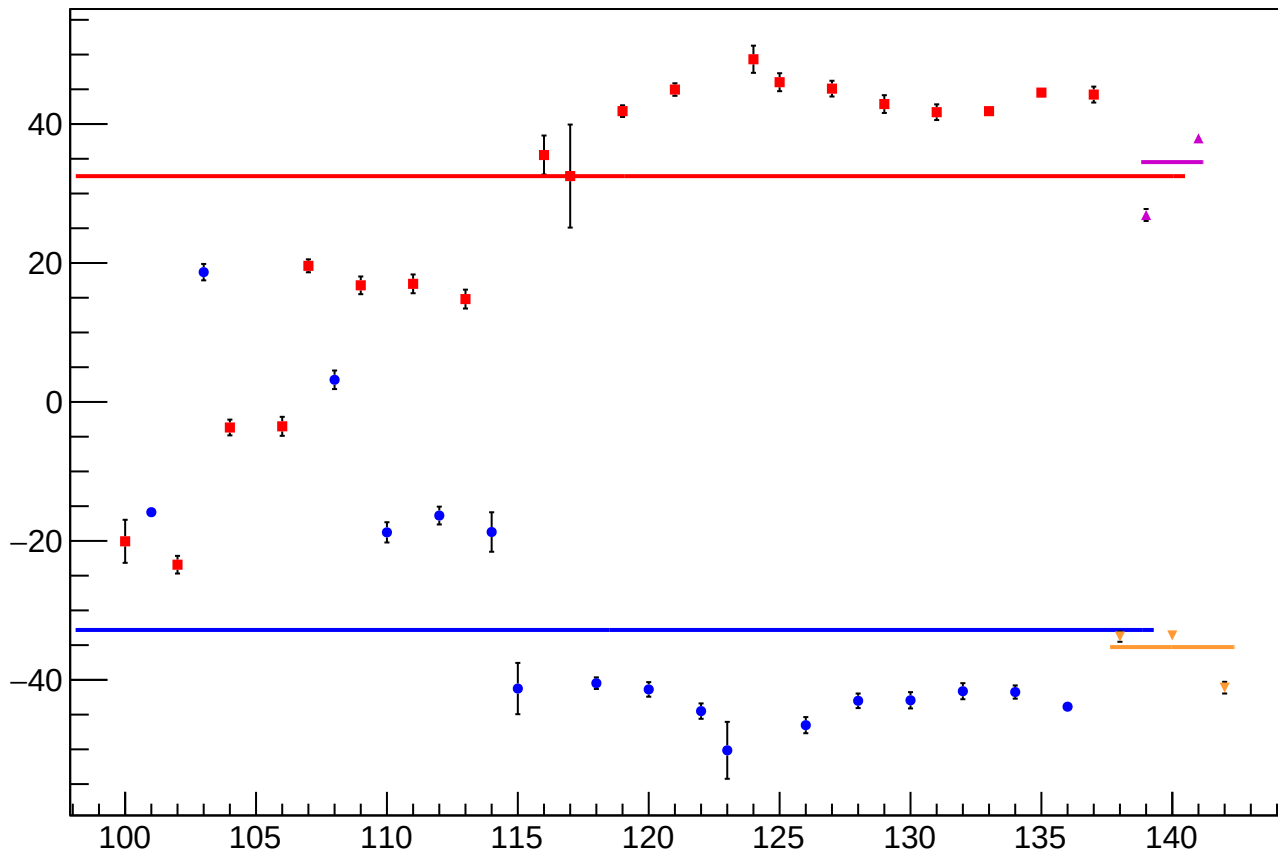
Left In: 4.974 ± 0.424 $\chi^2/\text{NDF}: 0.0/1$

-2.526 ± 0.288 $\chi^2/\text{NDF}: 326.7/19$

-0.860 ± 0.203 $\chi^2/\text{NDF}: 632.3/41$

0.781 ± 0.286 $\chi^2/\text{NDF}: 239.2/21$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -35.280 ± 0.392 $\chi^2/\text{NDF}: 61.4/2$

Right Out: 32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/19$

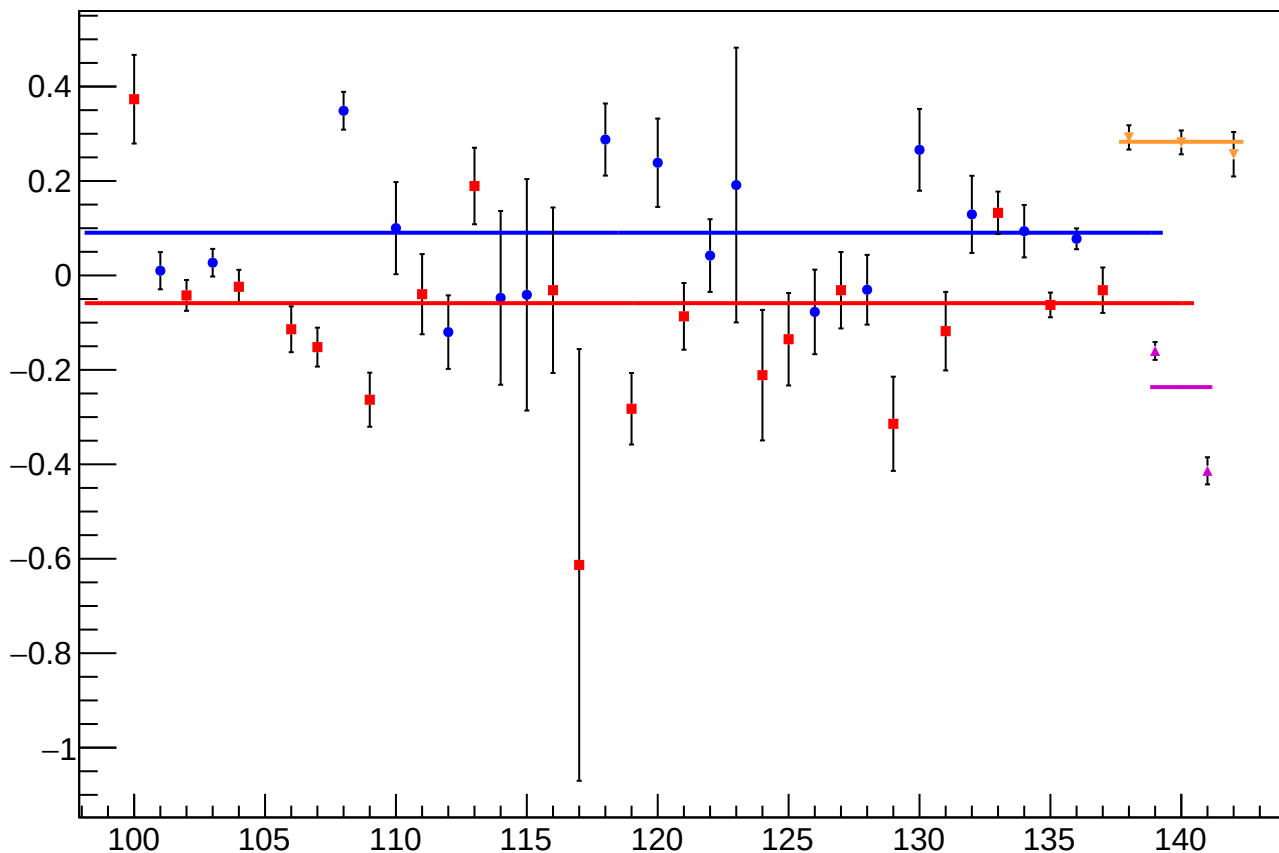
Left In: 34.522 ± 0.481 $\chi^2/\text{NDF}: 112.7/1$

-33.544 ± 0.213 $\chi^2/\text{NDF}: 4755.8/19$

-0.966 ± 0.152 $\chi^2/\text{NDF}: 58541.5/41$

32.915 ± 0.217 $\chi^2/\text{NDF}: 6164.7/21$

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: 0.283 ± 0.017 χ^2/NDF : 0.4/2

Right Out: -0.059 ± 0.012 χ^2/NDF : 88.8/19

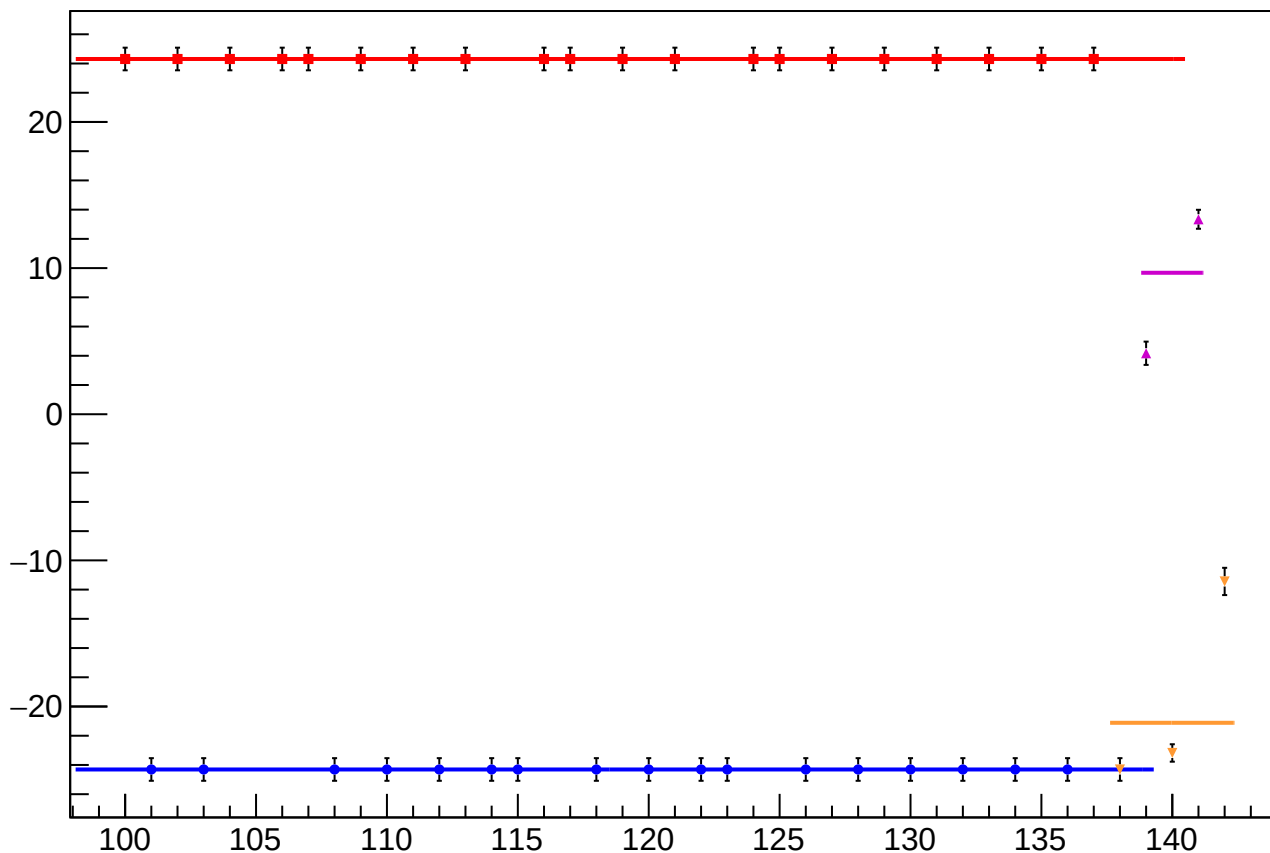
Left In: -0.236 ± 0.016 χ^2/NDF : 54.5/1

0.161 ± 0.010 χ^2/NDF : 163.1/19

0.010 ± 0.007 χ^2/NDF : 802.9/41

-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 ± 0.188 χ^2/NDF : 0.0/16

Left Out: -21.114 ± 0.422 χ^2/NDF : 136.5/2

Right Out: 24.309 ± 0.173 χ^2/NDF : 0.0/19

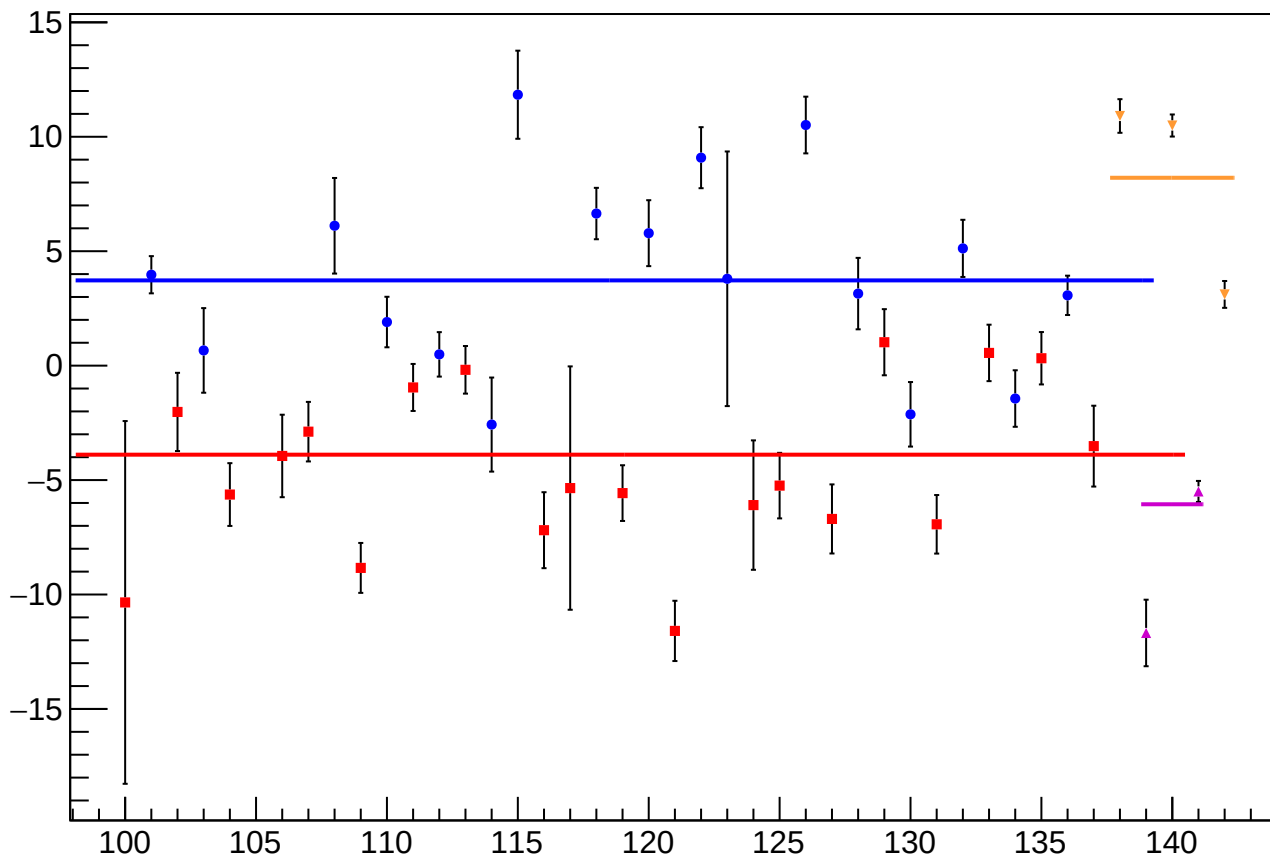
Left In: 9.680 ± 0.503 χ^2/NDF : 79.6/1

-23.780 ± 0.172 χ^2/NDF : 184.4/19

0.576 ± 0.118 χ^2/NDF : 39503.4/41

22.759 ± 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: 8.208 $\pm$ 0.332 χ^2/NDF : 111.4/2

Right Out: -3.890 $\pm$ 0.316 χ^2/NDF : 134.5/19

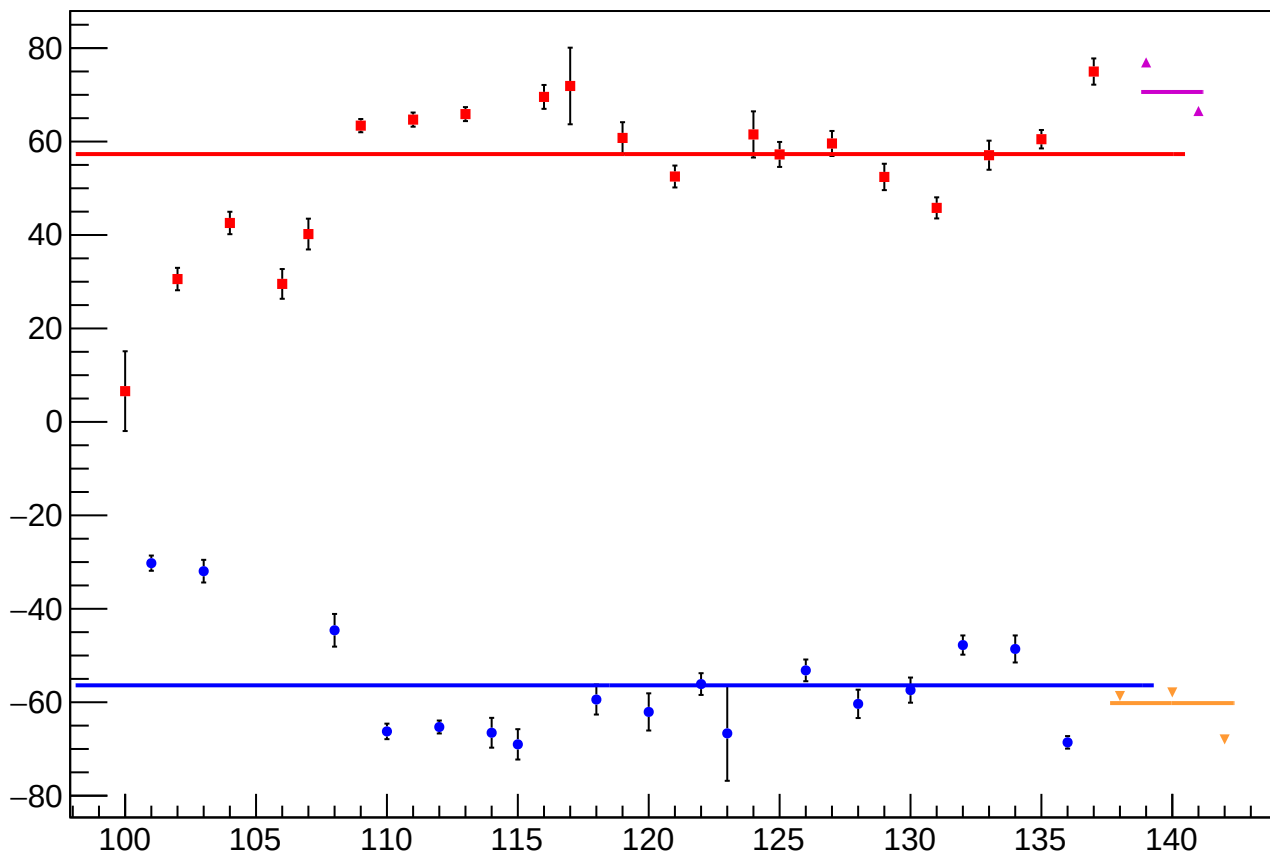
Left In: -6.057 $\pm$ 0.438 χ^2/NDF : 16.5/1

5.800 $\pm$ 0.226 χ^2/NDF : 345.9/19

1.230 $\pm$ 0.169 χ^2/NDF : 1445.7/41

-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: -60.180 ± 0.452 χ^2/NDF : 76.9/2

Right Out: 57.320 ± 0.535 χ^2/NDF : 479.3/19

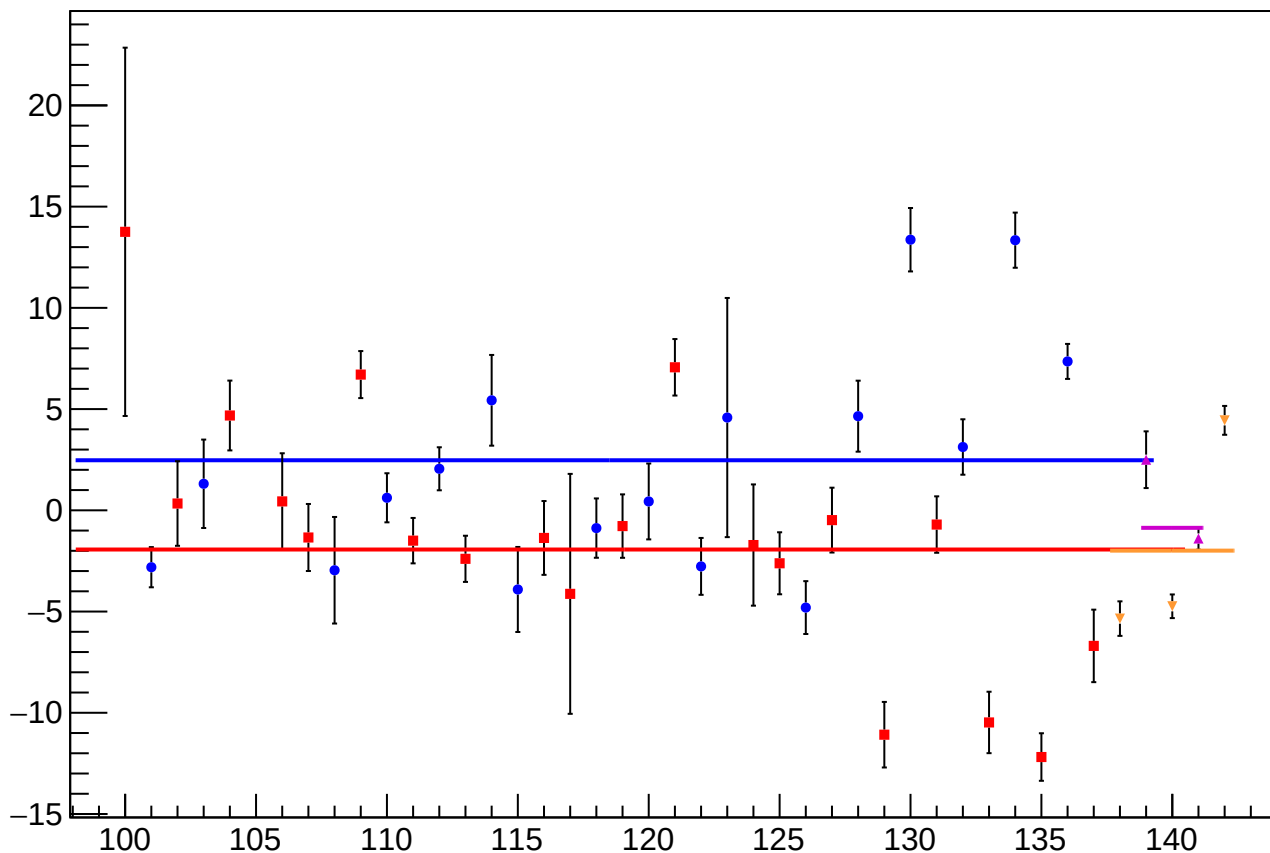
Left In: 70.612 ± 0.539 χ^2/NDF : 88.9/1

-58.622 ± 0.347 χ^2/NDF : 693.3/19

-2.811 ± 0.256 χ^2/NDF : 58367.9/41

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 ± 0.345 $\chi^2/\text{NDF}: 243.6/16$

Left Out: -1.991 ± 0.399 $\chi^2/\text{NDF}: 119.2/2$

Right Out: -1.936 ± 0.354 $\chi^2/\text{NDF}: 266.8/19$

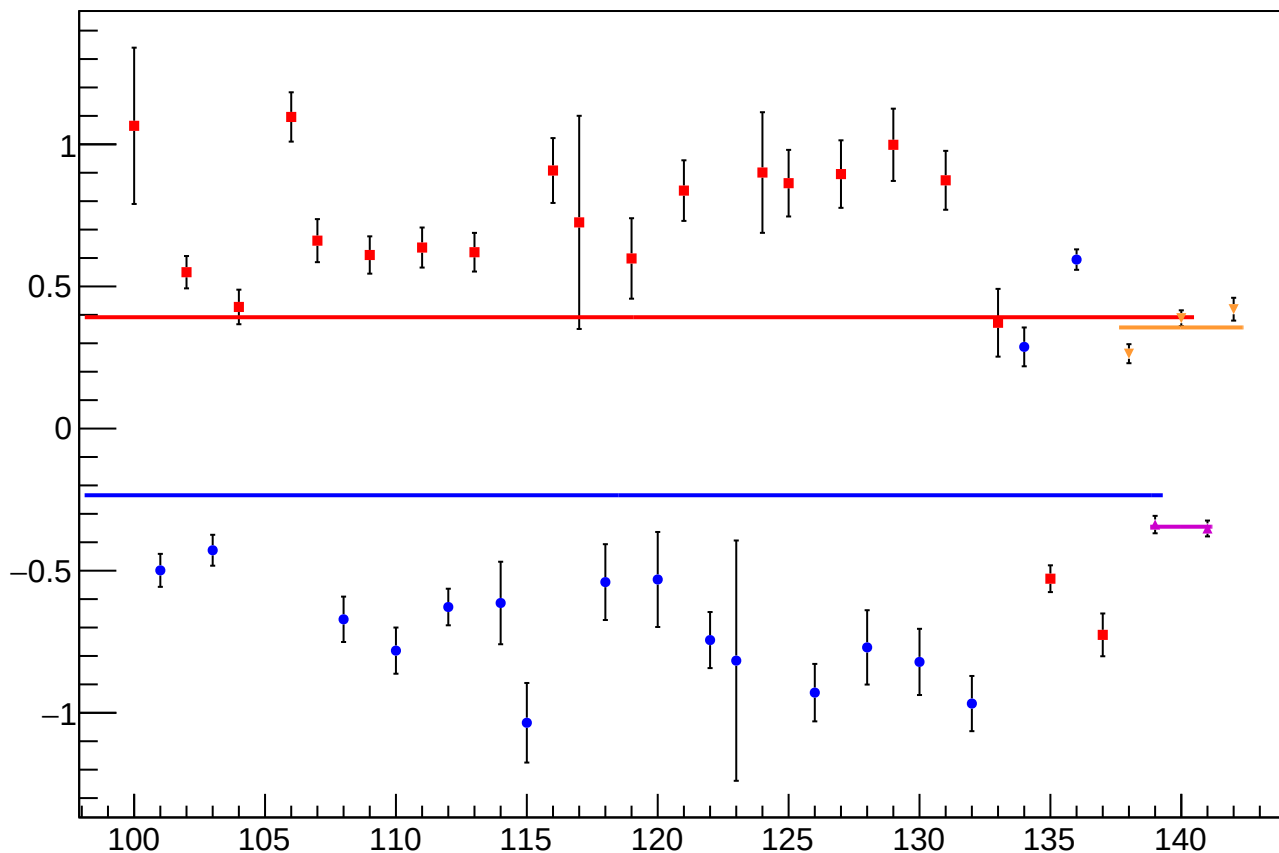
Left In: -0.865 ± 0.515 $\chi^2/\text{NDF}: 6.7/1$

0.561 ± 0.261 $\chi^2/\text{NDF}: 434.2/19$

-0.397 ± 0.195 $\chi^2/\text{NDF}: 740.8/41$

-1.593 ± 0.292 $\chi^2/\text{NDF}: 276.4/21$

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: 0.356 ± 0.019 χ^2/NDF : 11.6/2

Right Out: 0.392 ± 0.019 χ^2/NDF : 854.1/19

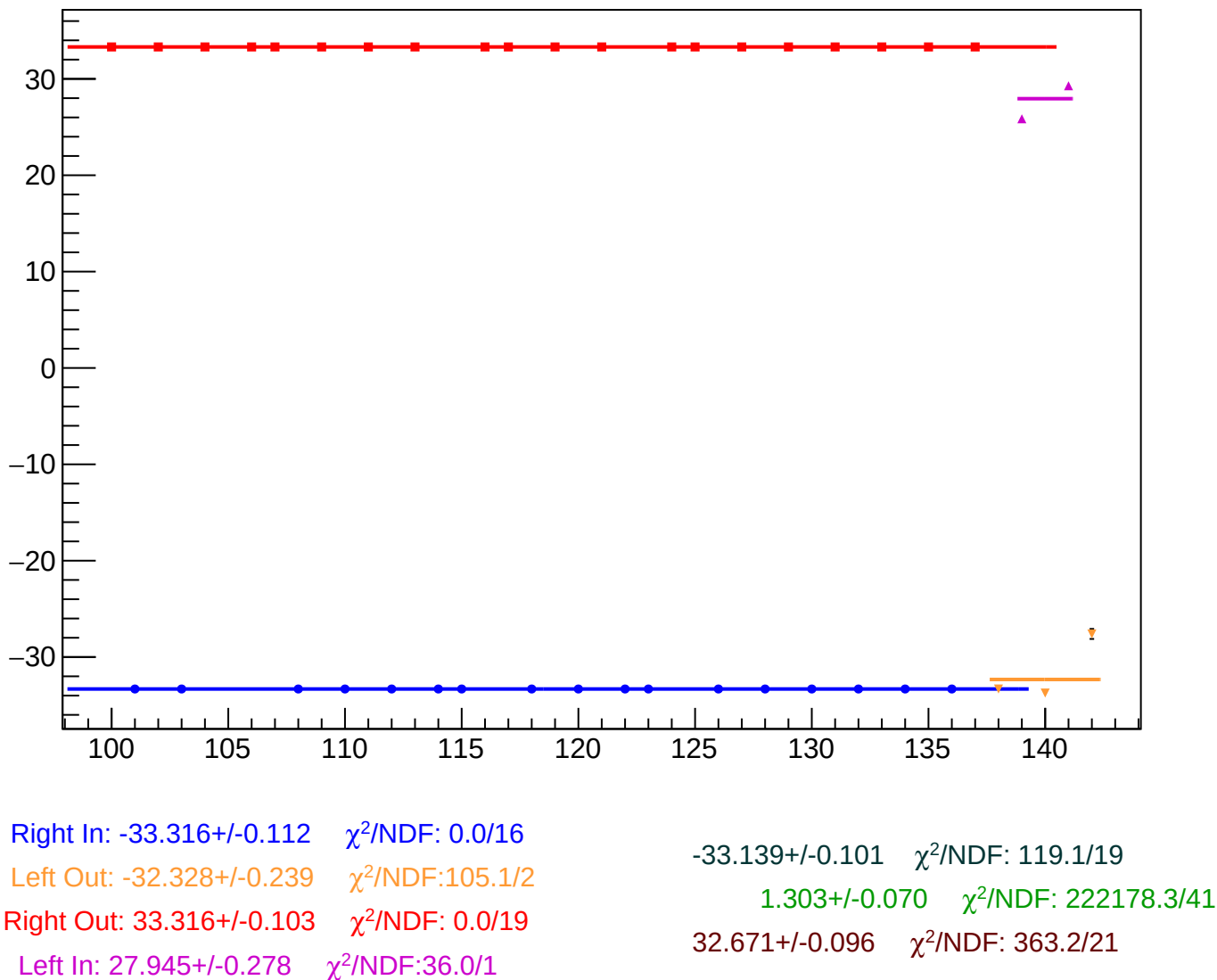
Left In: -0.345 ± 0.021 χ^2/NDF : 0.1/1

0.061 ± 0.013 χ^2/NDF : 1460.1/19

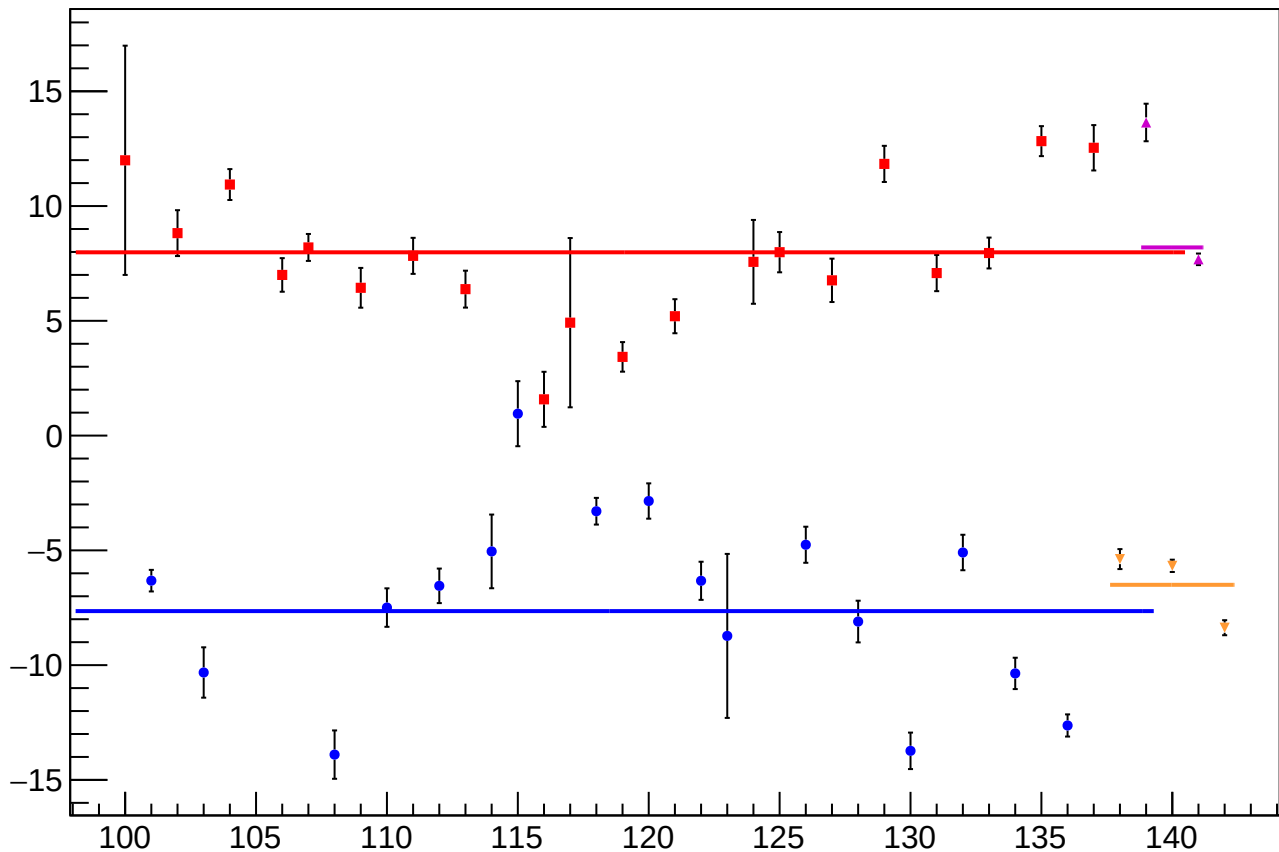
0.058 ± 0.010 χ^2/NDF : 3007.1/41

0.055 ± 0.014 χ^2/NDF : 1546.9/21

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -6.501 ± 0.187 χ^2/NDF : 48.7/2

Right Out: 7.985 ± 0.186 χ^2/NDF : 226.1/19

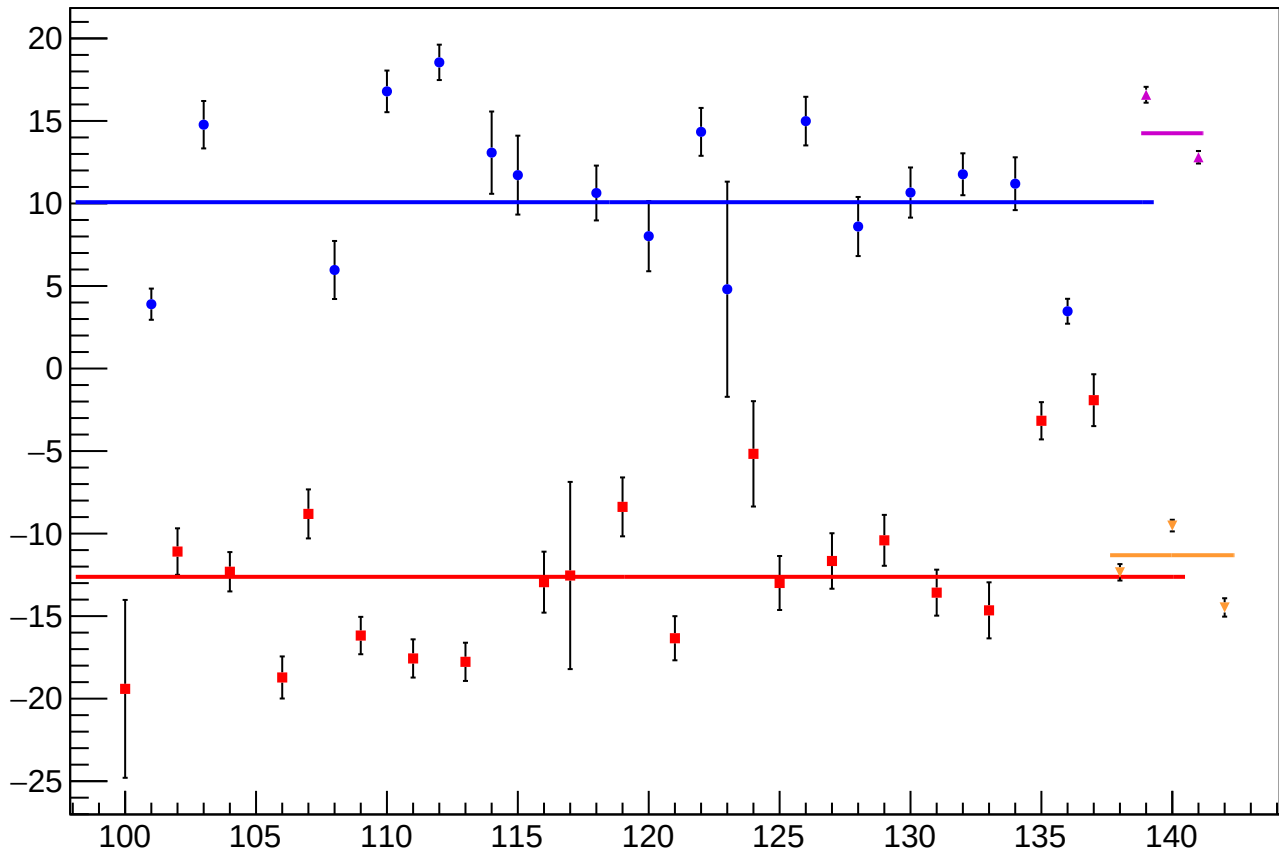
Left In: 8.198 ± 0.241 χ^2/NDF : 48.5/1

-7.079 ± 0.132 χ^2/NDF : 461.2/19

-0.331 ± 0.098 χ^2/NDF : 6615.0/41

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 $\pm$ 0.337 χ^2/NDF : 252.8/16

Left Out: -11.310 $\pm$ 0.256 χ^2/NDF : 62.3/2

Right Out: -12.620 $\pm$ 0.332 χ^2/NDF : 220.0/19

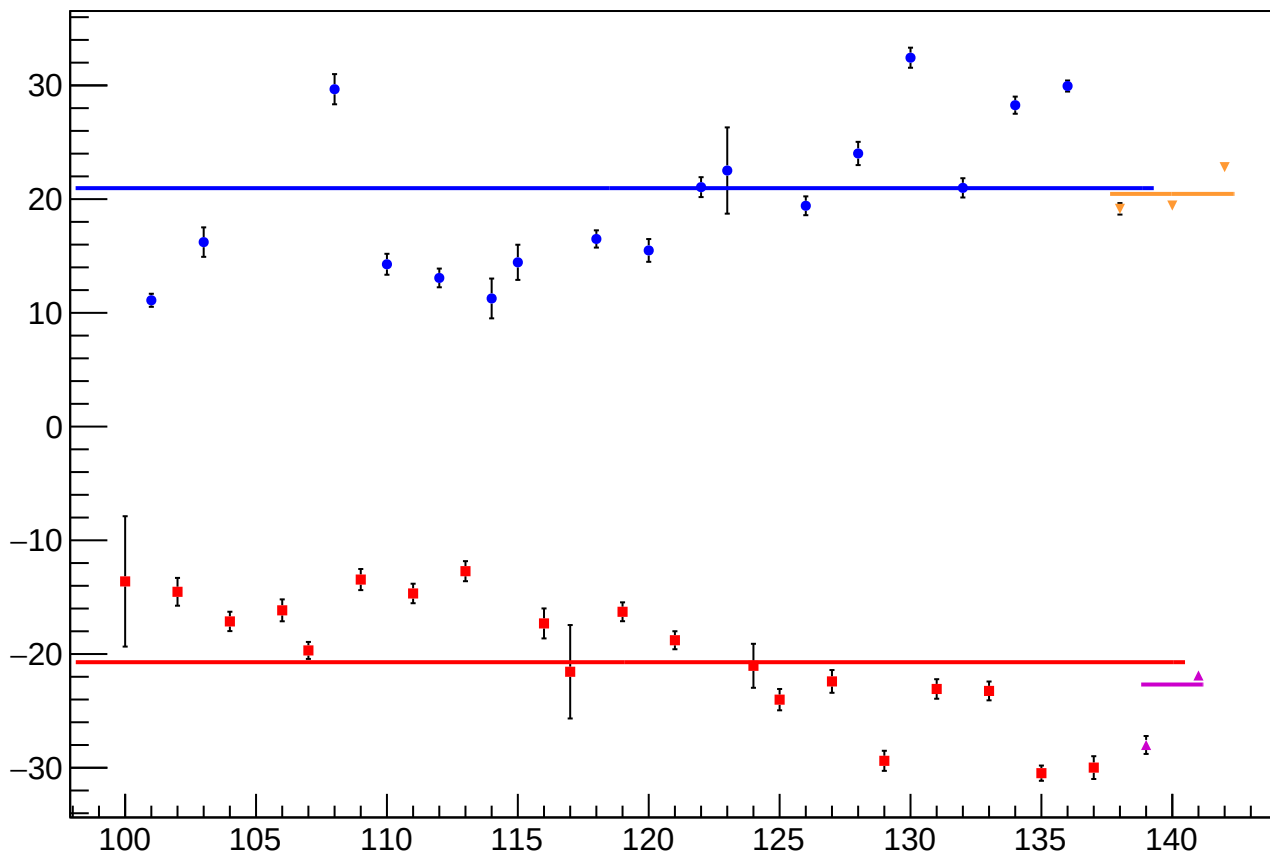
Left In: 14.255 $\pm$ 0.298 χ^2/NDF : 38.2/1

-3.475 $\pm$ 0.204 χ^2/NDF : 2870.7/19

-0.846 $\pm$ 0.150 χ^2/NDF : 7123.4/41

2.263 $\pm$ 0.222 χ^2/NDF : 3889.7/21

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.965+/-0.209 χ^2 /NDF: 1225.5/16

Left Out: 20.461+/-0.225 χ^2 /NDF: 51.6/2

Right Out: -20.718+/-0.212 χ^2 /NDF: 729.9/19

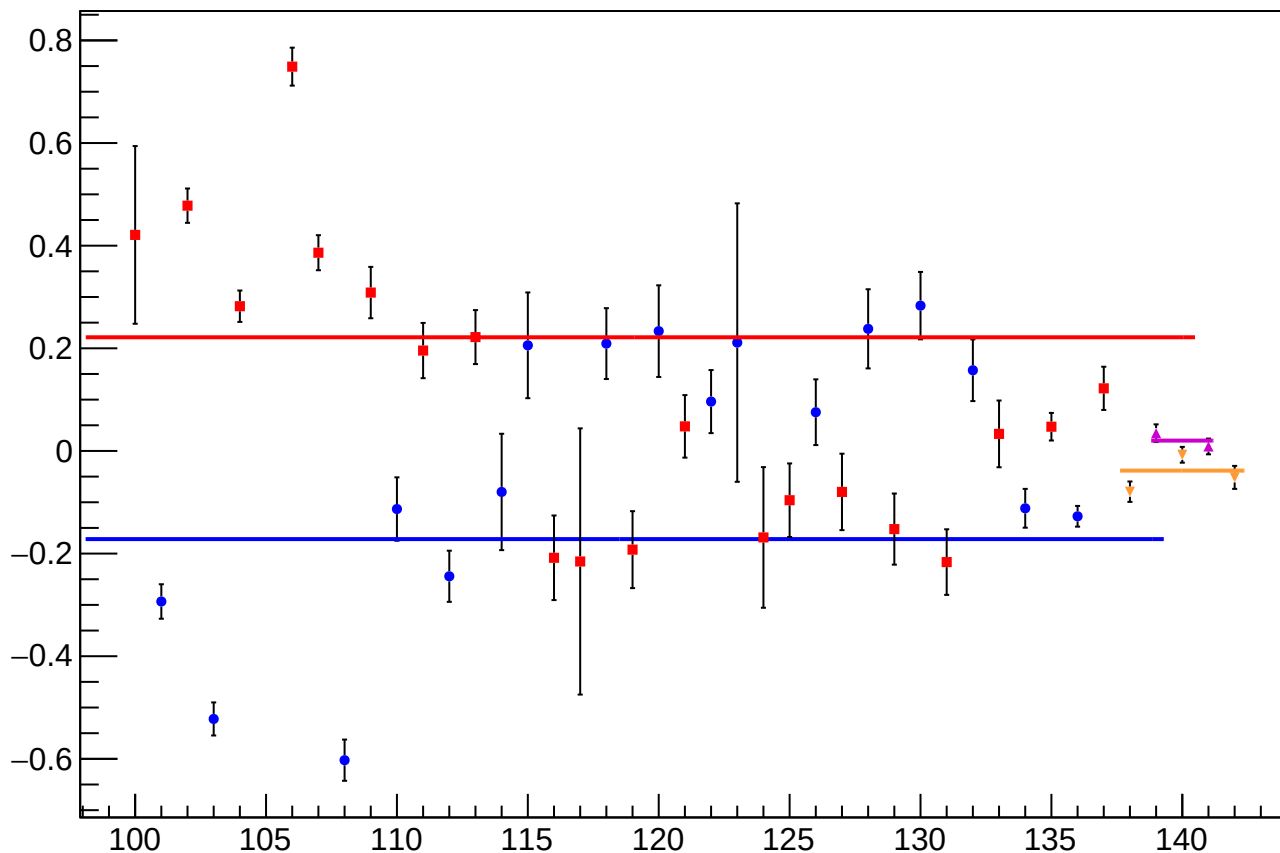
Left In: -22.681+/-0.284 χ^2 /NDF: 52.3/1

20.731+/-0.153 χ^2 /NDF: 1279.8/19

1.831+/-0.114 χ^2 /NDF: 35955.1/41

-21.421+/-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: -0.038 ± 0.011 χ^2/NDF : 8.6/2

Right Out: 0.221 ± 0.011 χ^2/NDF : 538.9/19

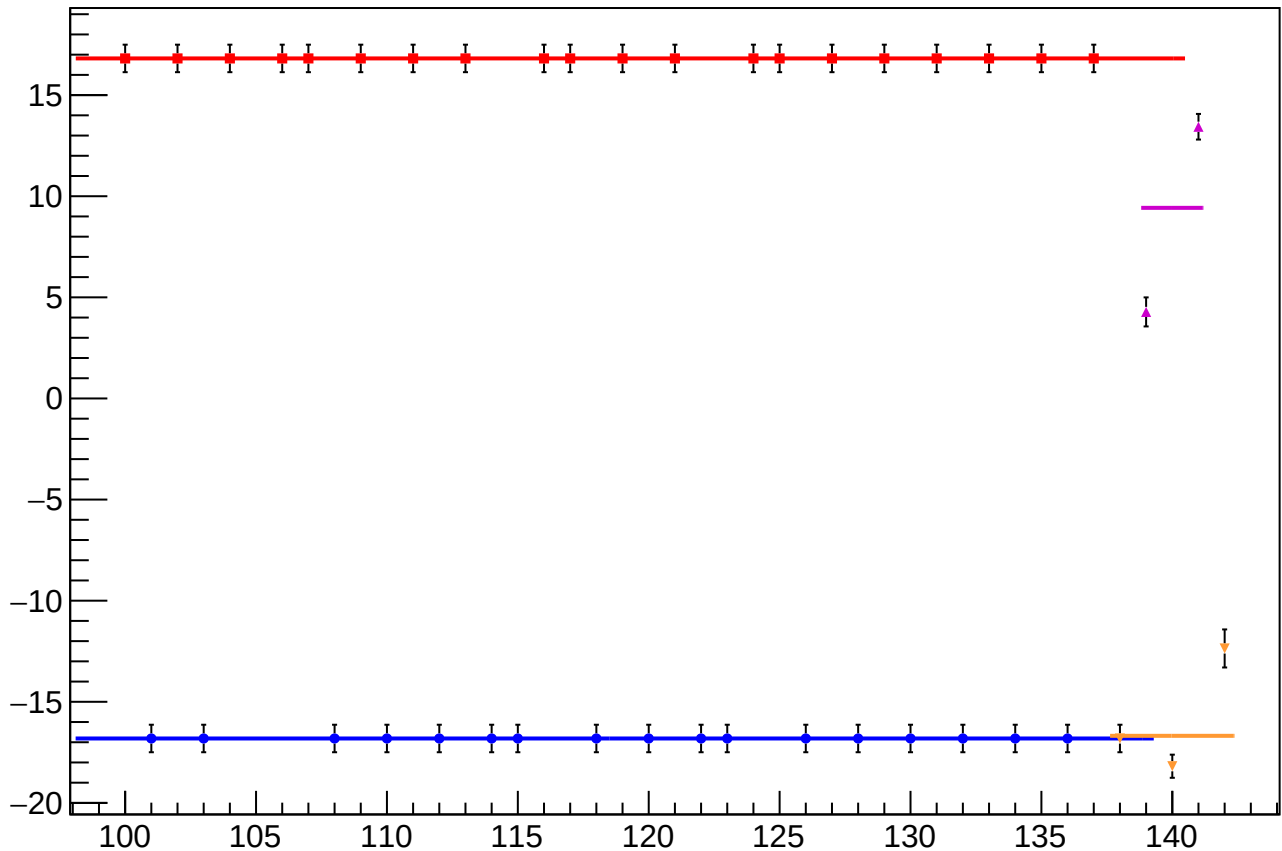
Left In: 0.020 ± 0.011 χ^2/NDF : 1.3/1

-0.102 ± 0.008 χ^2/NDF : 547.2/19

0.009 ± 0.006 χ^2/NDF : 1672.5/41

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 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -16.682 ± 0.397 $\chi^2/\text{NDF}: 28.0/2$

Right Out: 16.814 ± 0.152 $\chi^2/\text{NDF}: 0.0/19$

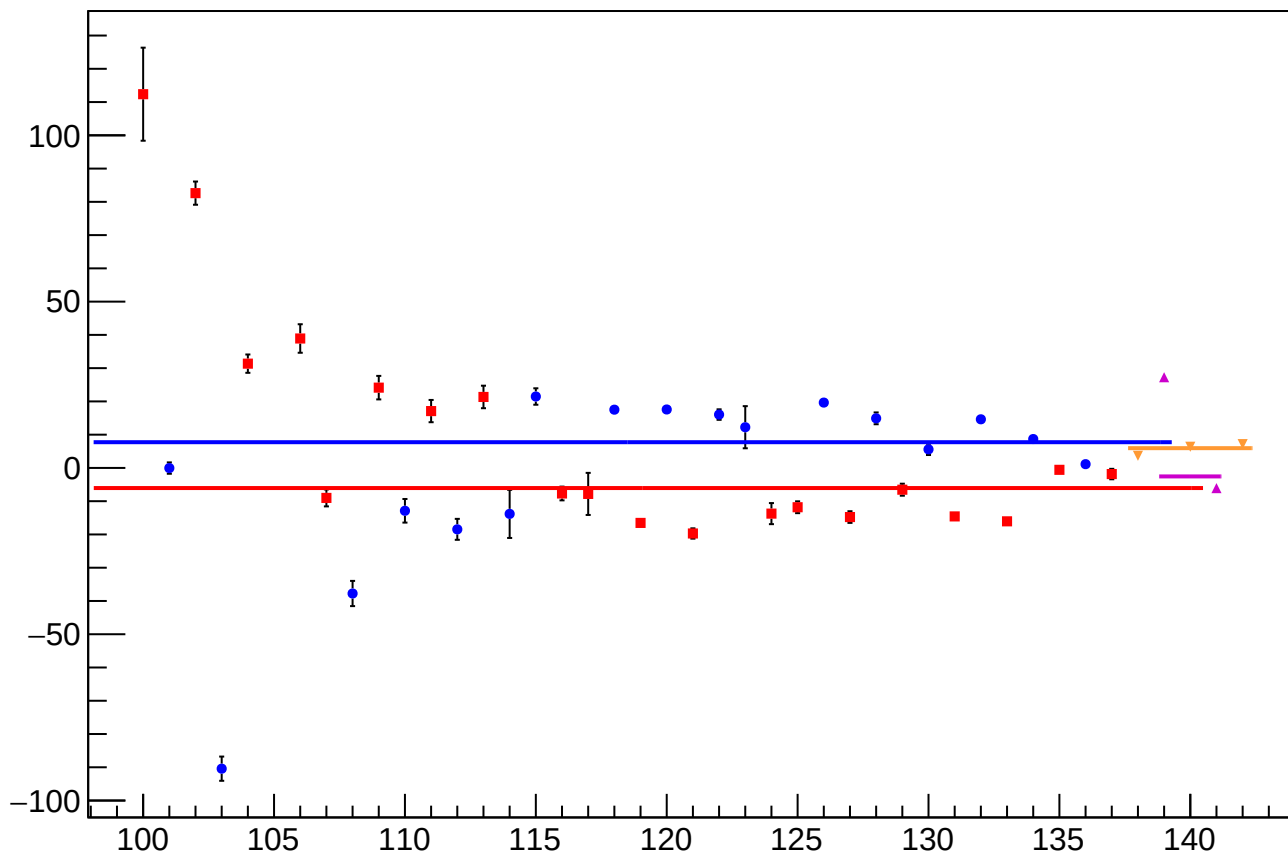
Left In: 9.425 ± 0.475 $\chi^2/\text{NDF}: 91.4/1$

-16.795 ± 0.152 $\chi^2/\text{NDF}: 28.1/19$

0.495 ± 0.105 $\chi^2/\text{NDF}: 24868.1/41$

16.128 ± 0.145 $\chi^2/\text{NDF}: 310.6/21$

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: 5.943 ± 0.318 χ^2/NDF : 17.5/2

Right Out: -6.048 ± 0.433 χ^2/NDF : 1512.2/19

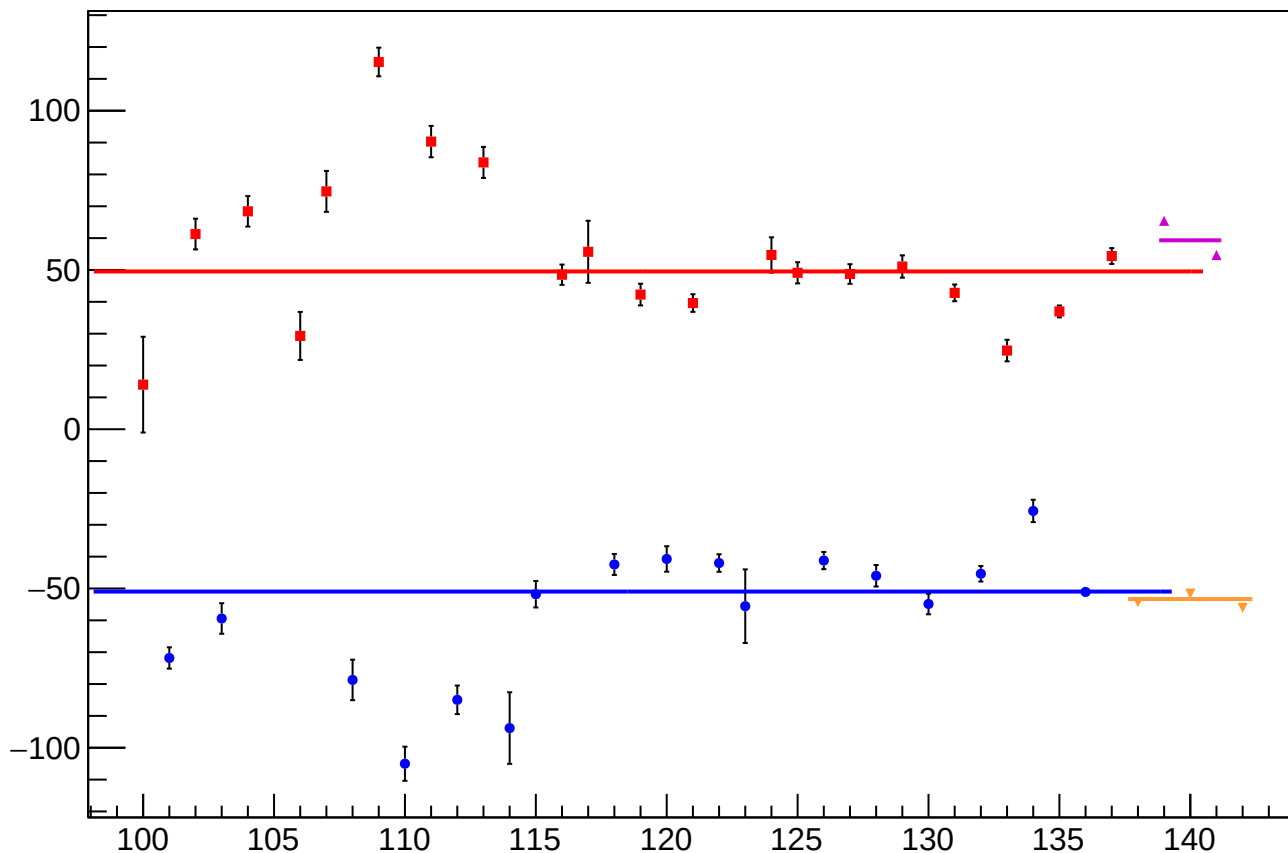
Left In: -2.553 ± 0.425 χ^2/NDF : 582.0/1

6.633 ± 0.250 χ^2/NDF : 1388.2/19

2.228 ± 0.193 χ^2/NDF : 4285.3/41

-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 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -53.314 ± 0.426 χ^2/NDF : 17.4/2

Right Out: 49.538 ± 0.795 χ^2/NDF : 510.8/19

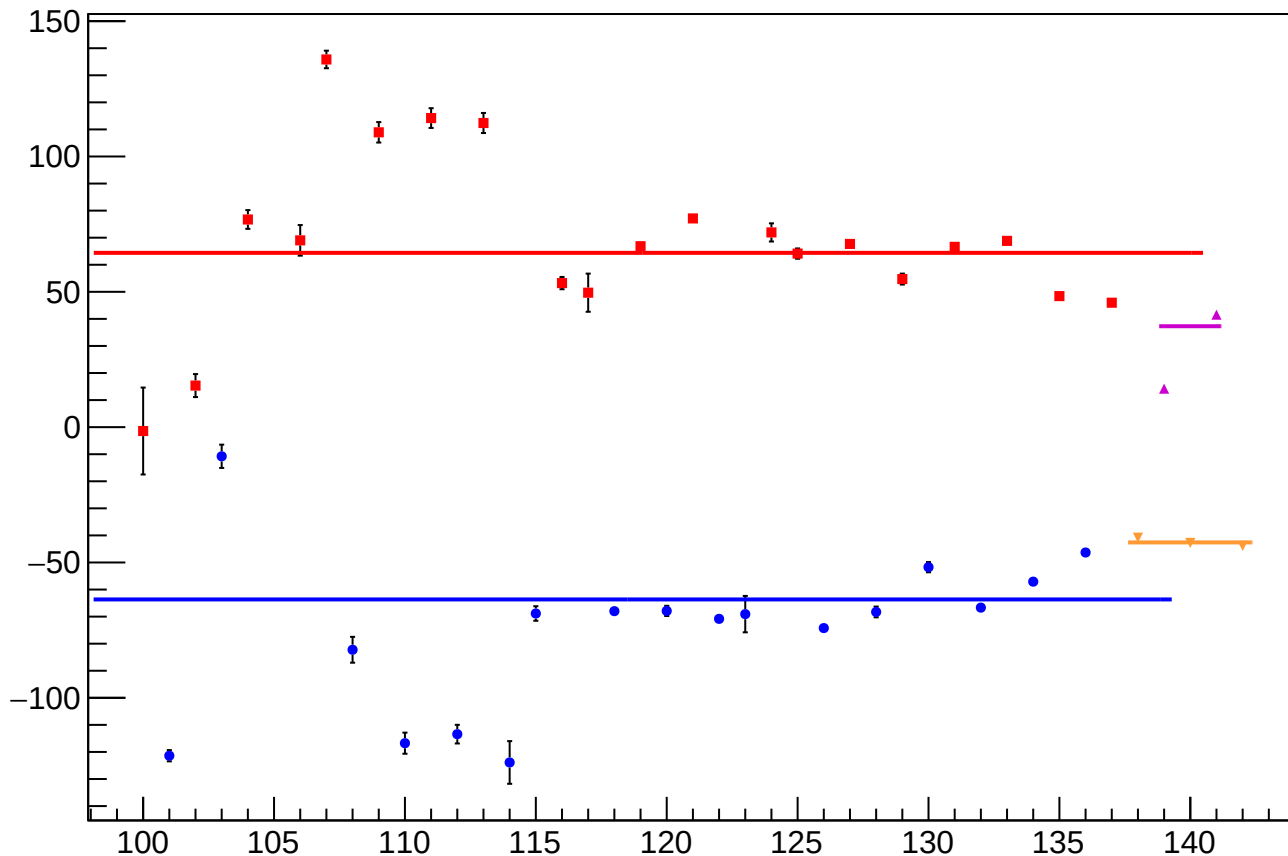
Left In: 59.313 ± 0.509 χ^2/NDF : 108.8/1

-52.728 ± 0.369 χ^2/NDF : 357.6/19

-6.305 ± 0.279 χ^2/NDF : 38397.5/41

56.469 ± 0.429 χ^2/NDF : 726.9/21

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.656 $\pm$ 0.445 χ^2 /NDF: 2014.7/16

Left Out: -42.586 $\pm$ 0.382 χ^2 /NDF: 8.8/2

Right Out: 64.401 $\pm$ 0.481 χ^2 /NDF: 1611.2/19

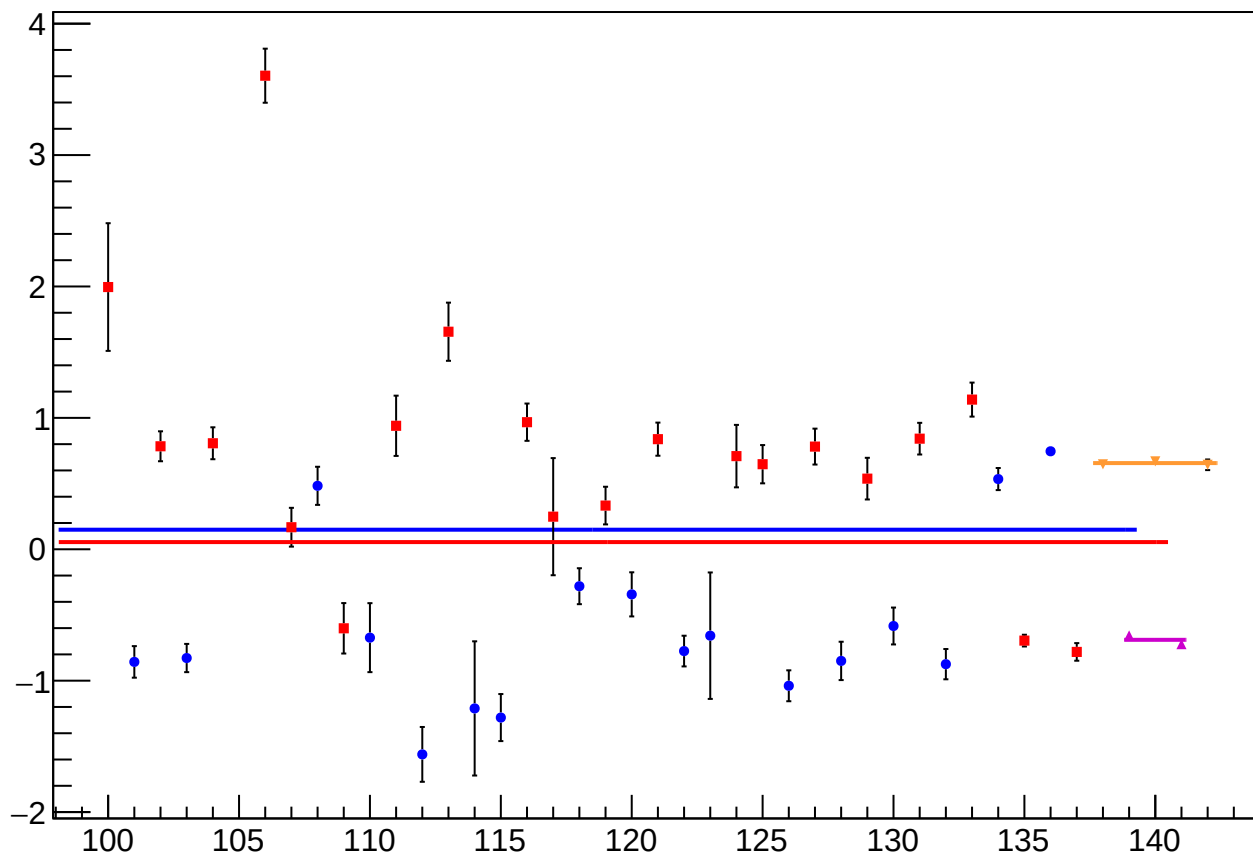
Left In: 37.288 $\pm$ 0.498 χ^2 /NDF: 397.6/1

-51.510 $\pm$ 0.290 χ^2 /NDF: 3313.7/19

-9.127 $\pm$ 0.222 χ^2 /NDF: 58726.0/41

51.302 $\pm$ 0.346 χ^2 /NDF: 3541.5/21

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.149 $\pm$ 0.024 χ^2 /NDF: 989.9/16

Left Out: 0.656 $\pm$ 0.018 χ^2 /NDF: 0.4/2

Right Out: 0.055 $\pm$ 0.026 χ^2 /NDF: 1168.0/19

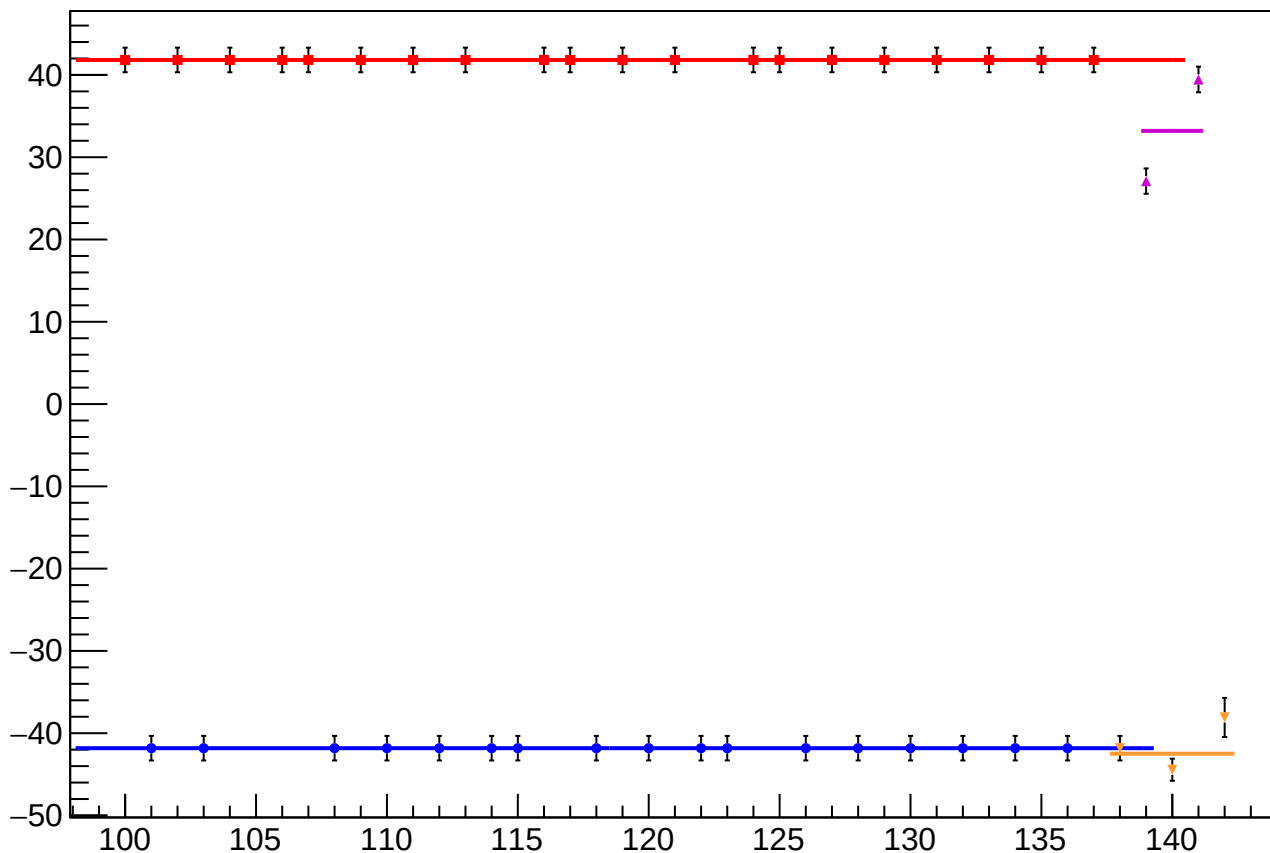
Left In: -0.689 $\pm$ 0.019 χ^2 /NDF: 3.0/1

0.477 $\pm$ 0.014 χ^2 /NDF: 1279.5/19

0.065 $\pm$ 0.011 χ^2 /NDF: 4799.2/41

-0.425 $\pm$ 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: -42.494 ± 0.920 χ^2/NDF : 5.8/2

Right Out: 41.821 ± 0.334 χ^2/NDF : 0.0/19

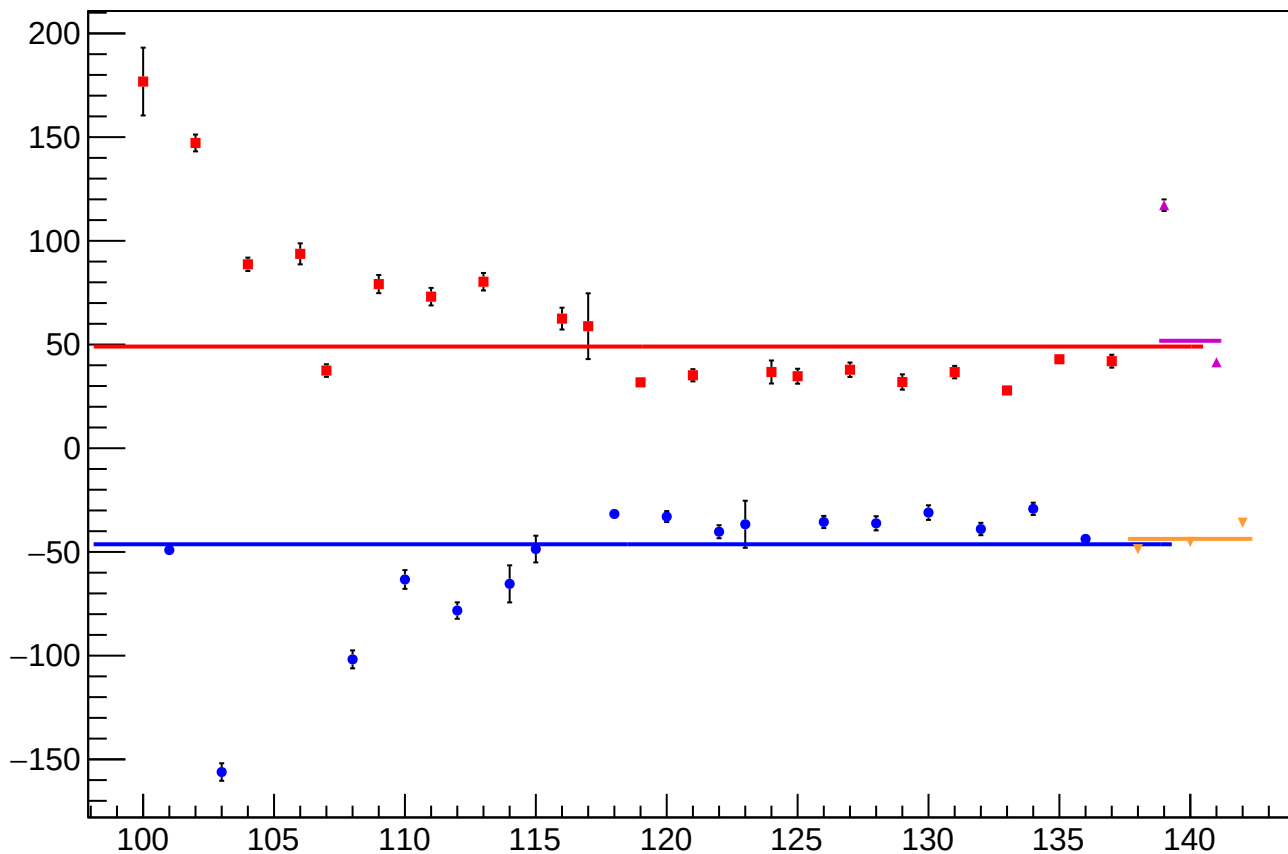
Left In: 33.203 ± 1.096 χ^2/NDF : 31.8/1

-41.912 ± 0.337 χ^2/NDF : 6.2/19

1.812 ± 0.232 χ^2/NDF : 32086.9/41

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 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -43.702 ± 0.761 $\chi^2/\text{NDF}: 40.0/2$

Right Out: 49.031 ± 0.763 $\chi^2/\text{NDF}: 1272.0/19$

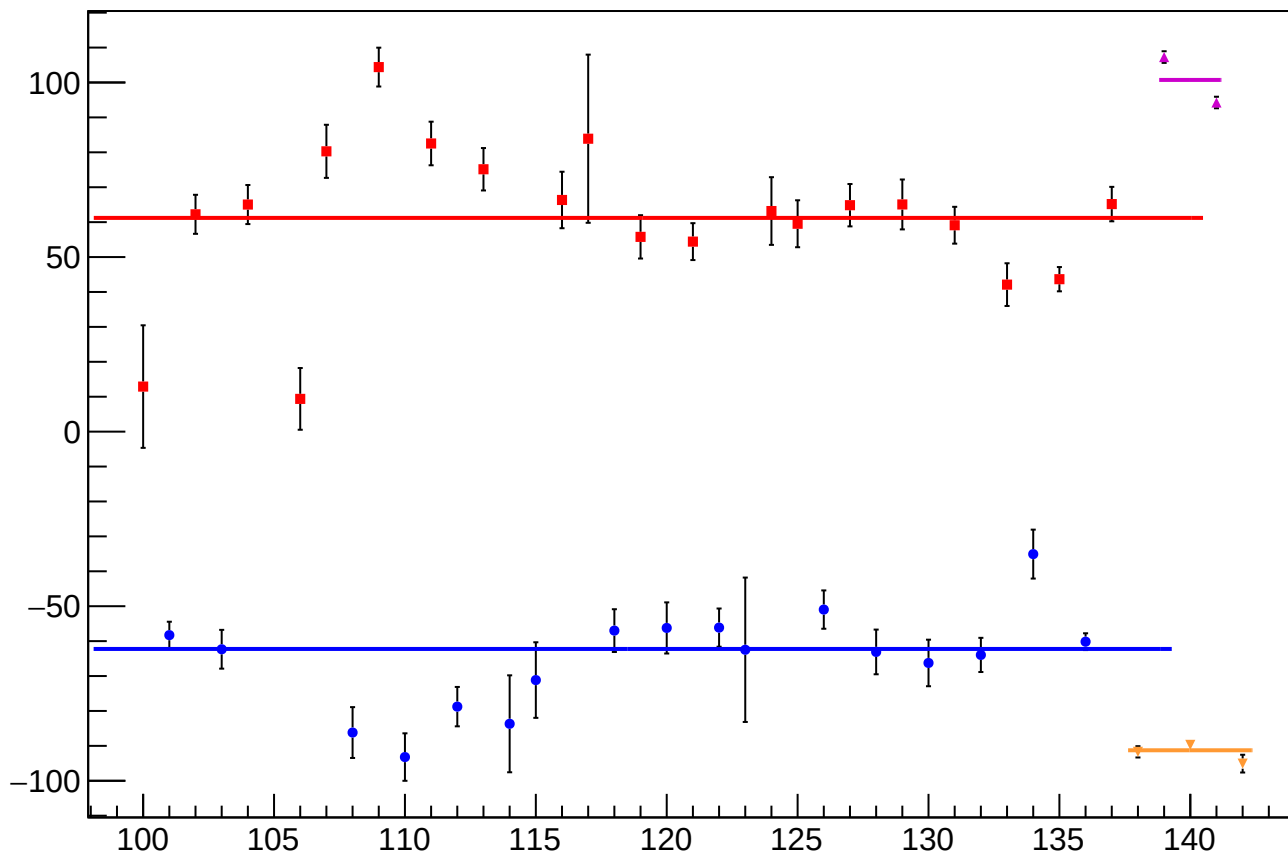
Left In: 51.806 ± 1.032 $\chi^2/\text{NDF}: 634.8/1$

-45.068 ± 0.524 $\chi^2/\text{NDF}: 1130.1/19$

-4.944 ± 0.398 $\chi^2/\text{NDF}: 16928.0/41$

50.012 ± 0.613 $\chi^2/\text{NDF}: 1911.6/21$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.242 ± 1.310 $\chi^2/\text{NDF}: 67.4/16$

Left Out: -91.263 ± 0.987 $\chi^2/\text{NDF}: 3.5/2$

Right Out: 61.216 ± 1.377 $\chi^2/\text{NDF}: 166.5/19$

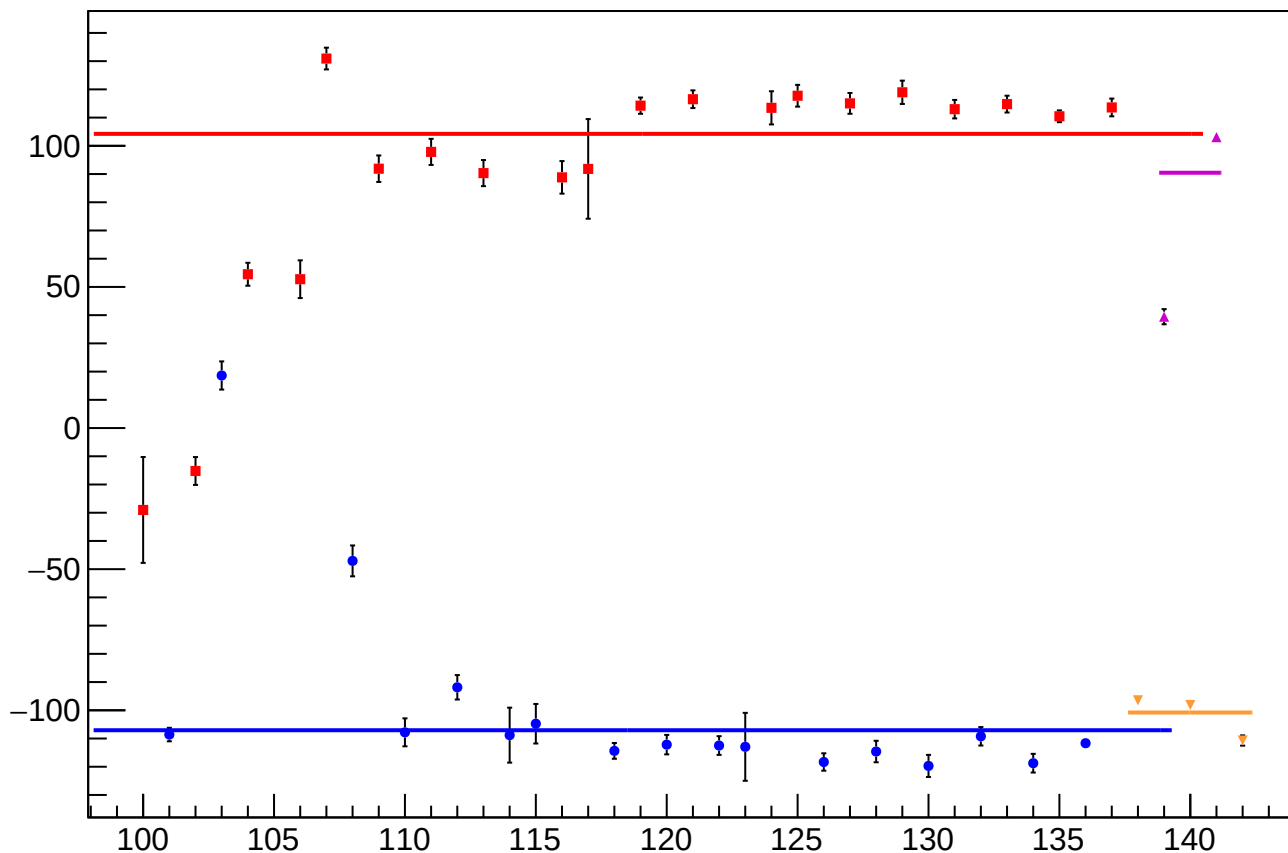
Left In: 100.733 ± 1.176 $\chi^2/\text{NDF}: 30.6/1$

-80.757 ± 0.788 $\chi^2/\text{NDF}: 384.0/19$

-8.665 ± 0.591 $\chi^2/\text{NDF}: 20179.3/41$

84.077 ± 0.894 $\chi^2/\text{NDF}: 673.4/21$

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: -100.784 ± 0.907 χ^2/NDF : 40.2/2

Right Out: 104.240 ± 0.860 χ^2/NDF : 1019.1/19

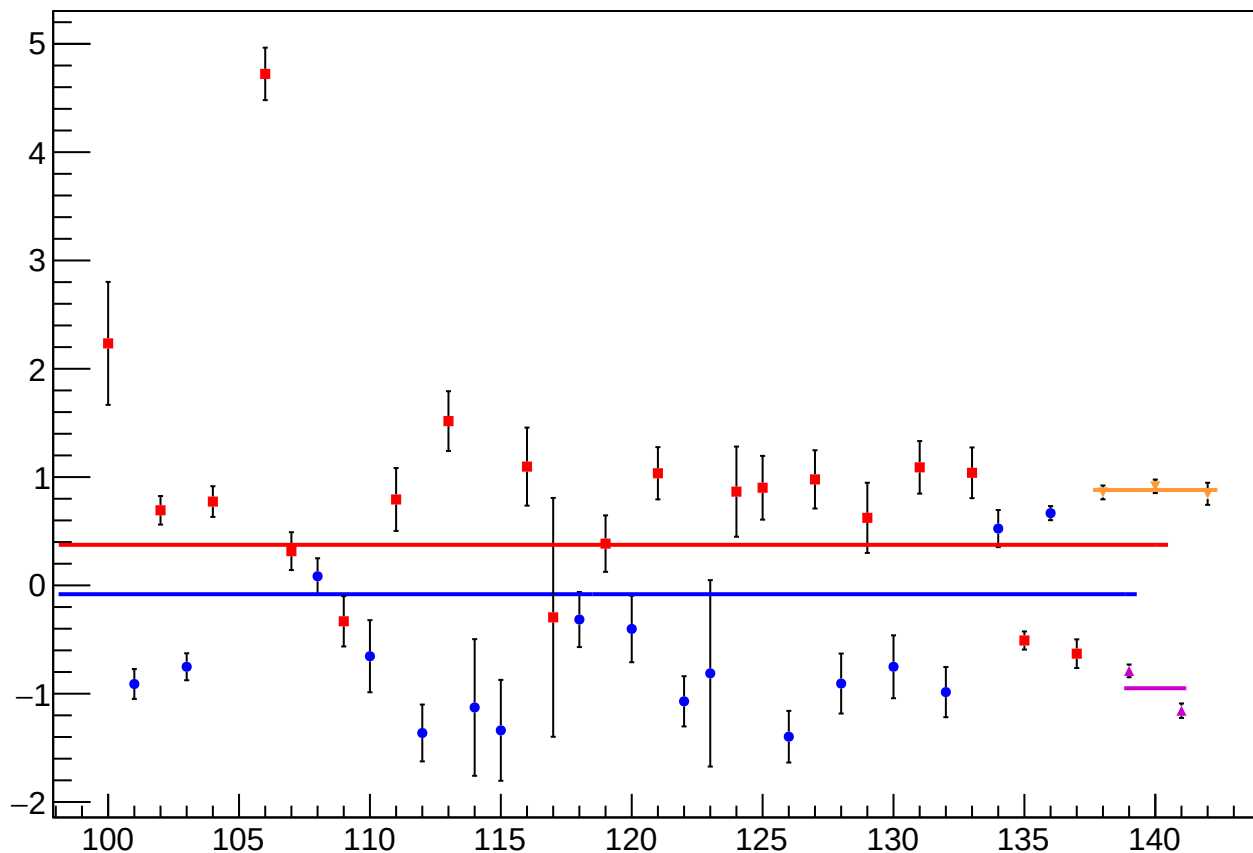
Left In: 90.462 ± 1.197 χ^2/NDF : 448.8/1

-104.275 ± 0.605 χ^2/NDF : 895.3/19

-16.935 ± 0.457 χ^2/NDF : 51120.1/41

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: 0.881 ± 0.041 χ^2/NDF : 0.5/2

Right Out: 0.375 ± 0.044 χ^2/NDF : 583.4/19

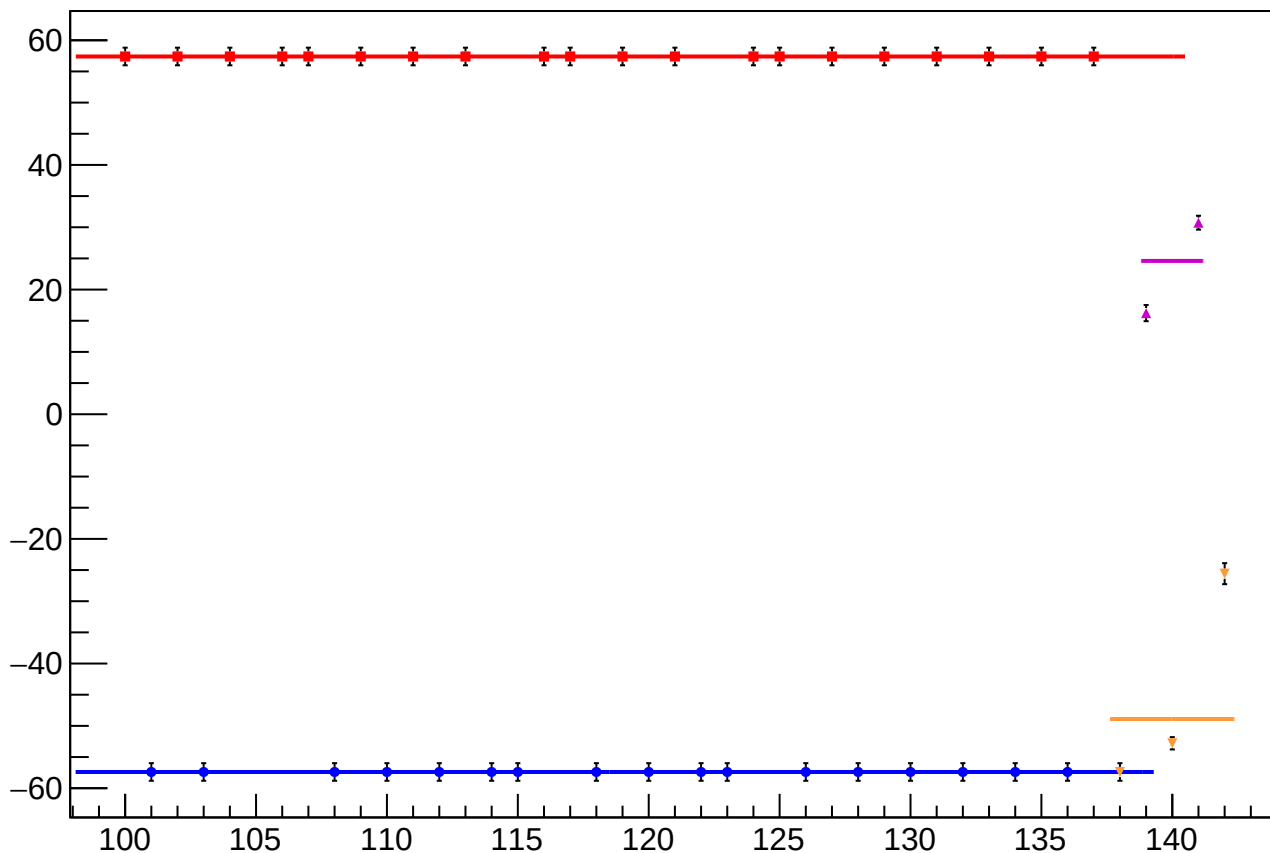
Left In: -0.950 ± 0.044 χ^2/NDF : 17.0/1

0.415 ± 0.029 χ^2/NDF : 598.0/19

0.087 ± 0.021 χ^2/NDF : 1915.6/41

-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 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -48.901 ± 0.731 $\chi^2/\text{NDF}: 243.2/2$

Right Out: 57.398 ± 0.316 $\chi^2/\text{NDF}: 0.0/19$

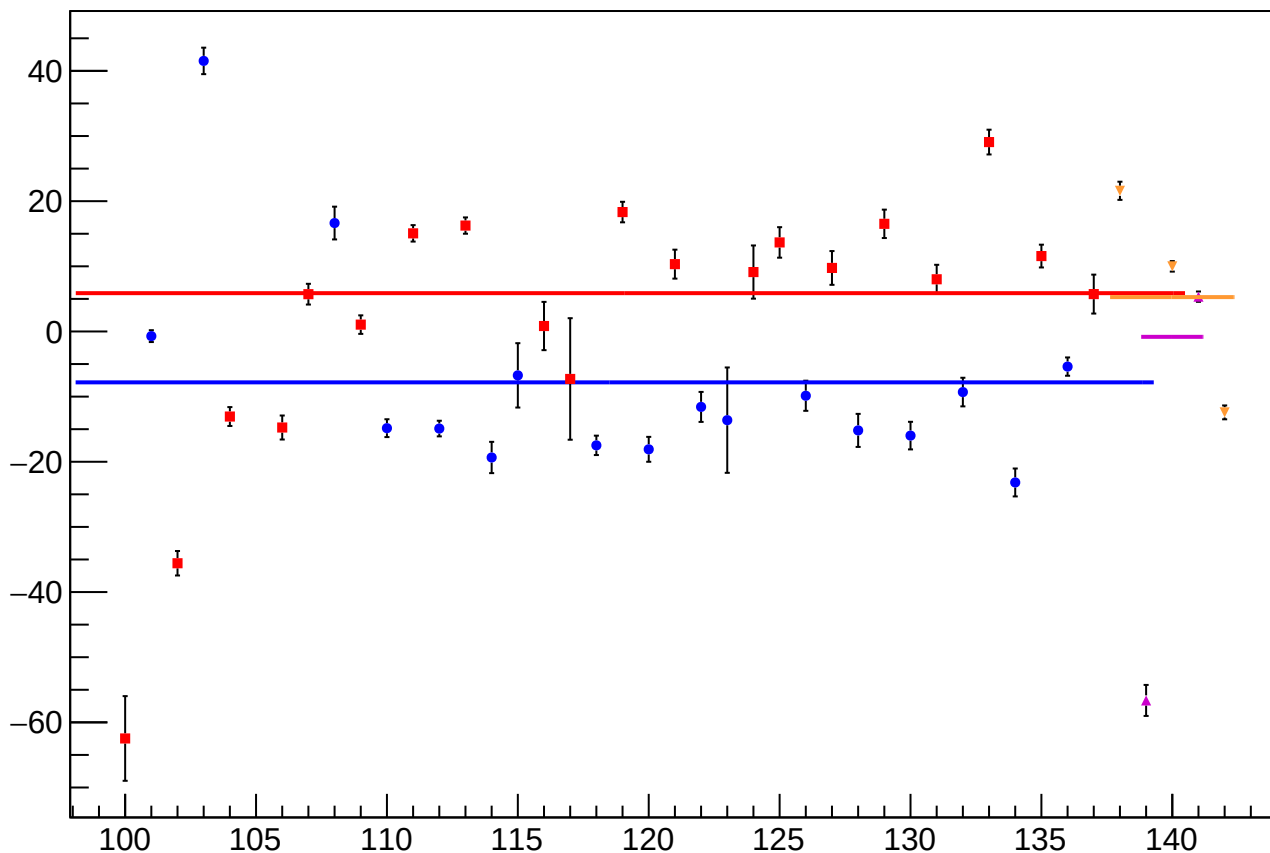
Left In: 24.599 ± 0.845 $\chi^2/\text{NDF}: 71.8/1$

-55.863 ± 0.311 $\chi^2/\text{NDF}: 353.9/19$

1.329 ± 0.214 $\chi^2/\text{NDF}: 66503.8/41$

53.370 ± 0.296 $\chi^2/\text{NDF}: 1392.1/21$

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: 5.275+/-0.584 χ^2/NDF : 447.6/2

Right Out: 5.880+/-0.429 χ^2/NDF : 1295.1/19

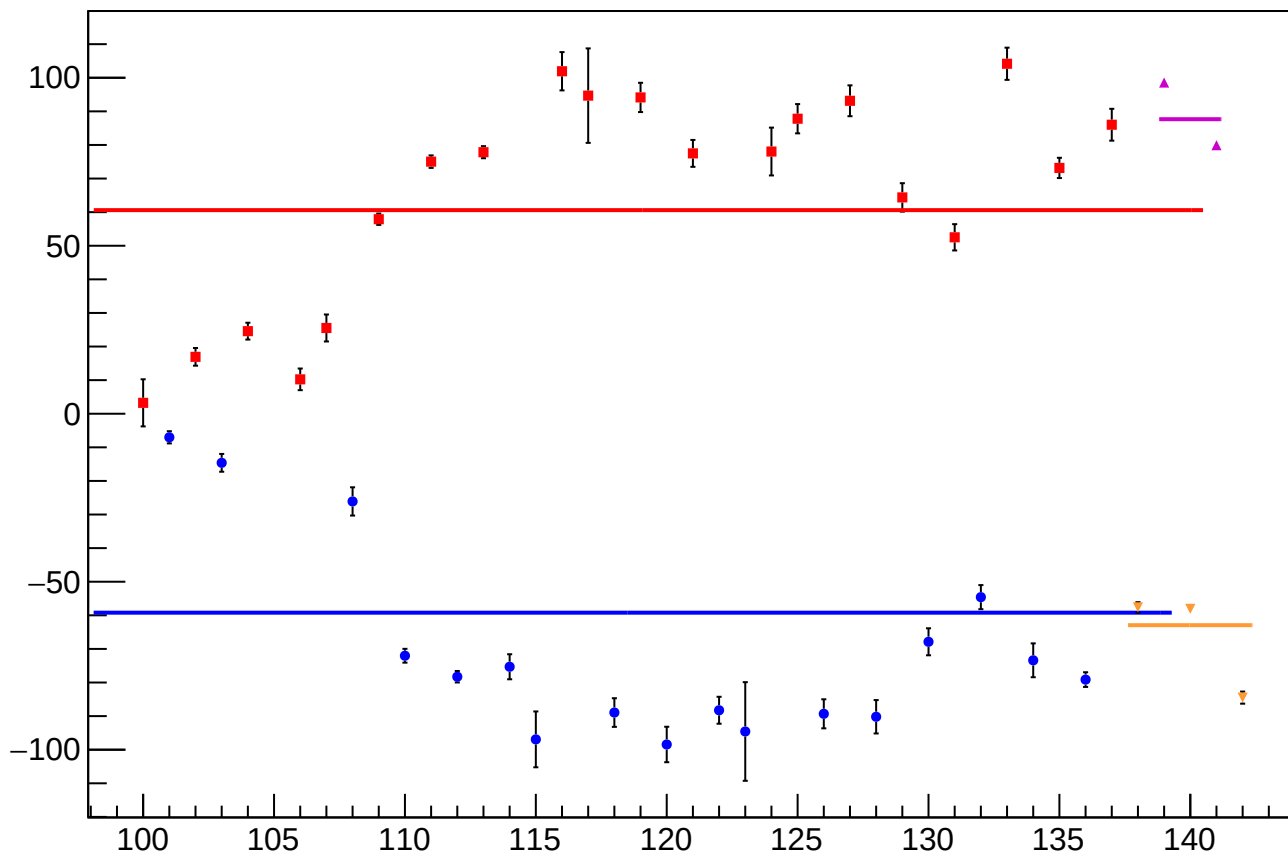
Left In: -0.824+/-0.751 χ^2/NDF : 610.4/1

-3.252+/-0.345 χ^2/NDF : 1757.2/19

0.205+/-0.253 χ^2/NDF : 3940.3/41

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: -62.936+/-0.783 χ^2/NDF :176.2/2

Right Out: 60.598+/-0.703 χ^2/NDF : 1389.8/19

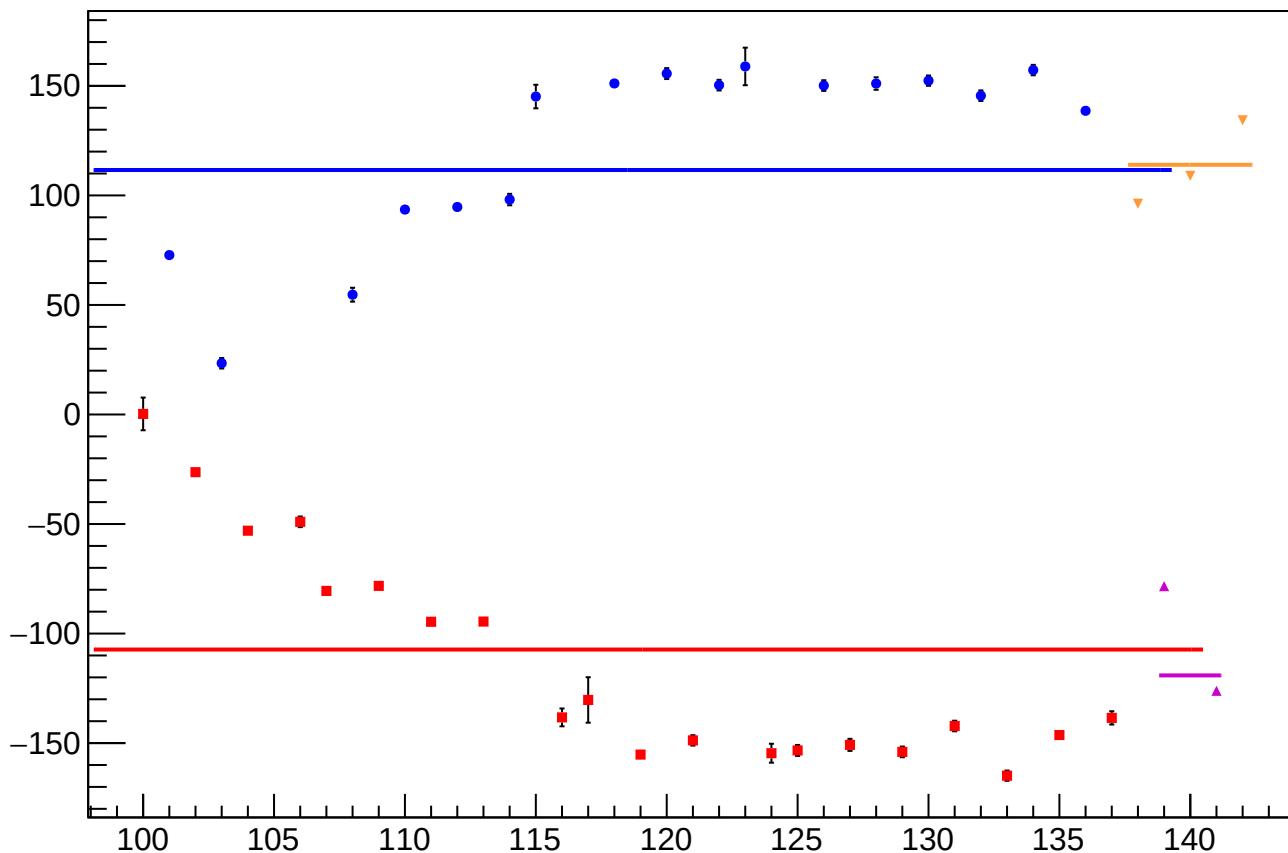
Left In: 87.669+/-0.905 χ^2/NDF :103.2/1

-60.980+/-0.539 χ^2/NDF : 1908.5/19

2.967+/-0.387 χ^2/NDF : 32941.6/41

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: 113.979+/-0.700 χ^2/NDF : 397.6/2

Right Out: -107.289+/-0.487 χ^2/NDF : 7042.4/19

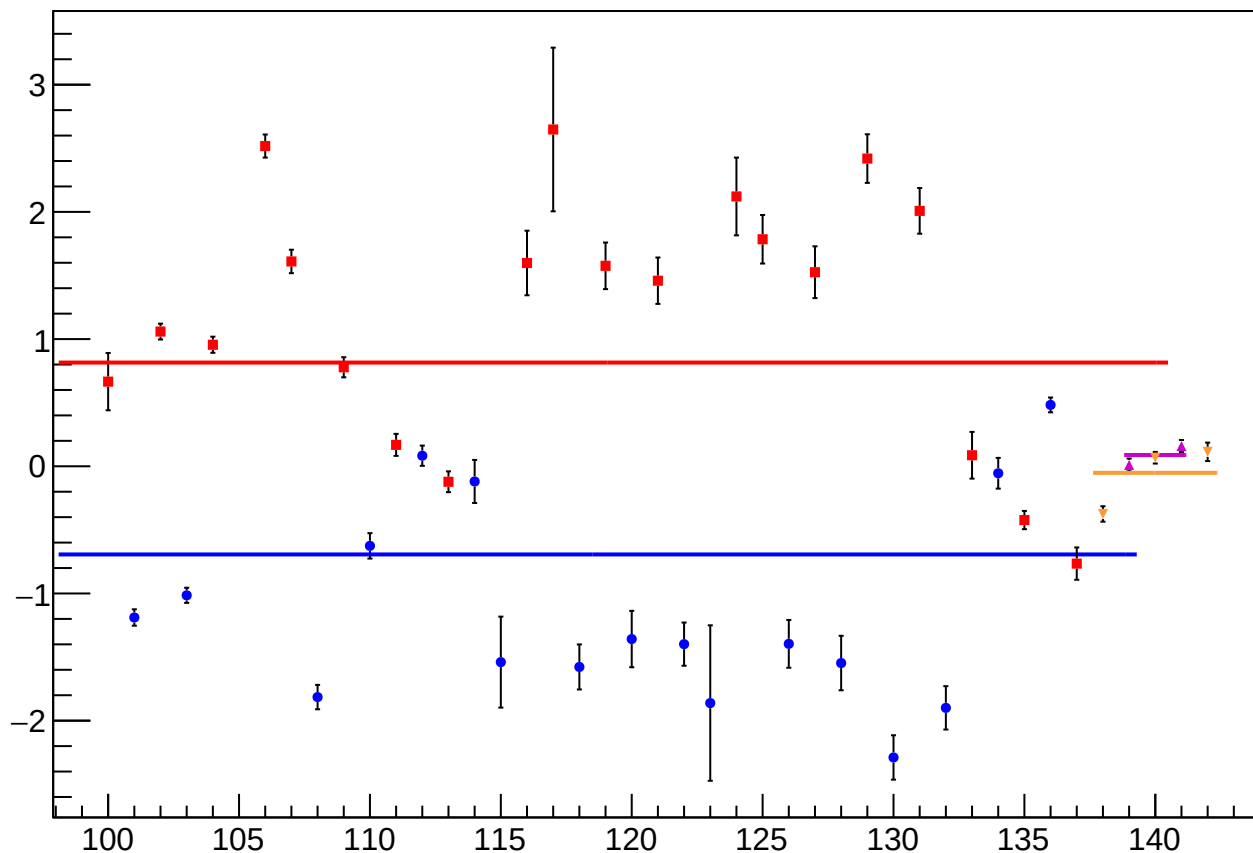
Left In: -119.099+/-0.880 χ^2/NDF : 369.5/1

112.374+/-0.400 χ^2/NDF : 6364.9/19

8.337+/-0.291 χ^2/NDF : 158878.4/41

-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 χ^2/NDF : 993.1/16

Left Out: -0.052 ± 0.033 χ^2/NDF : 40.4/2

Right Out: 0.815 ± 0.024 χ^2/NDF : 1318.8/19

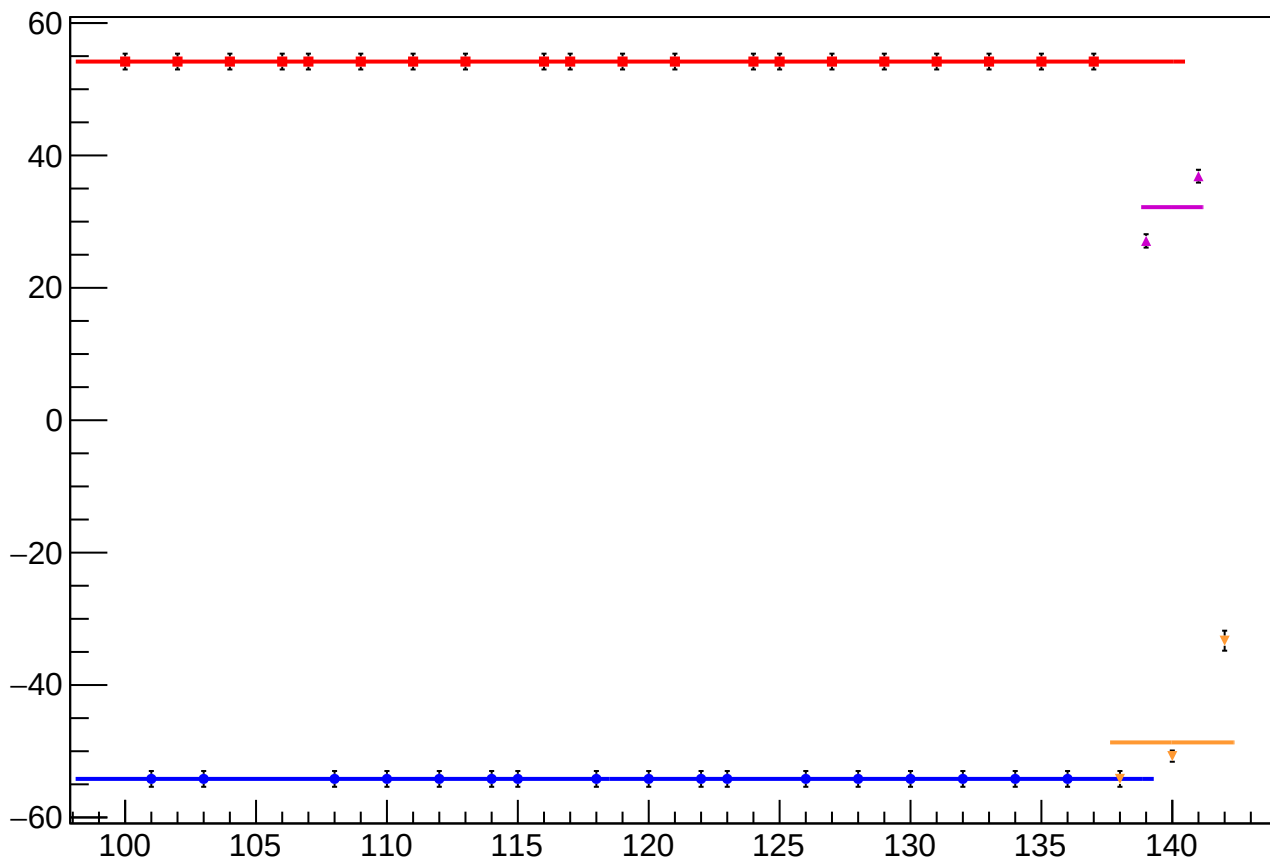
Left In: 0.089 ± 0.035 χ^2/NDF : 4.6/1

-0.446 ± 0.020 χ^2/NDF : 1271.8/19

0.073 ± 0.014 χ^2/NDF : 4187.1/41

0.575 ± 0.020 χ^2/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: -48.669 ± 0.629 χ^2/NDF : 130.7/2

Right Out: 54.179 ± 0.267 χ^2/NDF : 0.0/19

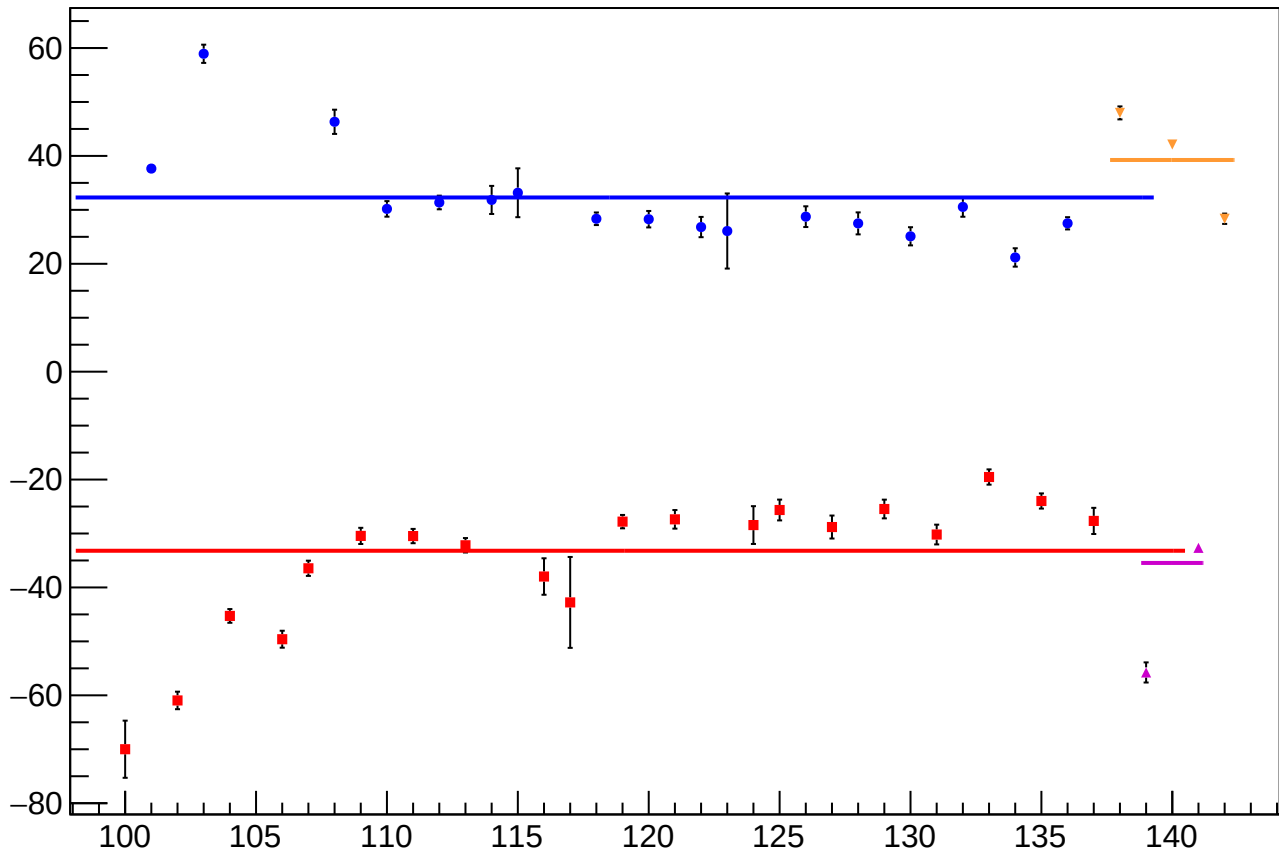
Left In: 32.189 ± 0.701 χ^2/NDF : 48.5/1

-53.217 ± 0.263 χ^2/NDF : 194.0/19

1.857 ± 0.181 χ^2/NDF : 84400.3/41

-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 $\pm$ 0.373 χ^2 /NDF: 452.2/16

Left Out: 39.245 $\pm$ 0.510 χ^2 /NDF:199.1/2

Right Out: -33.199 $\pm$ 0.379 χ^2 /NDF: 771.6/19

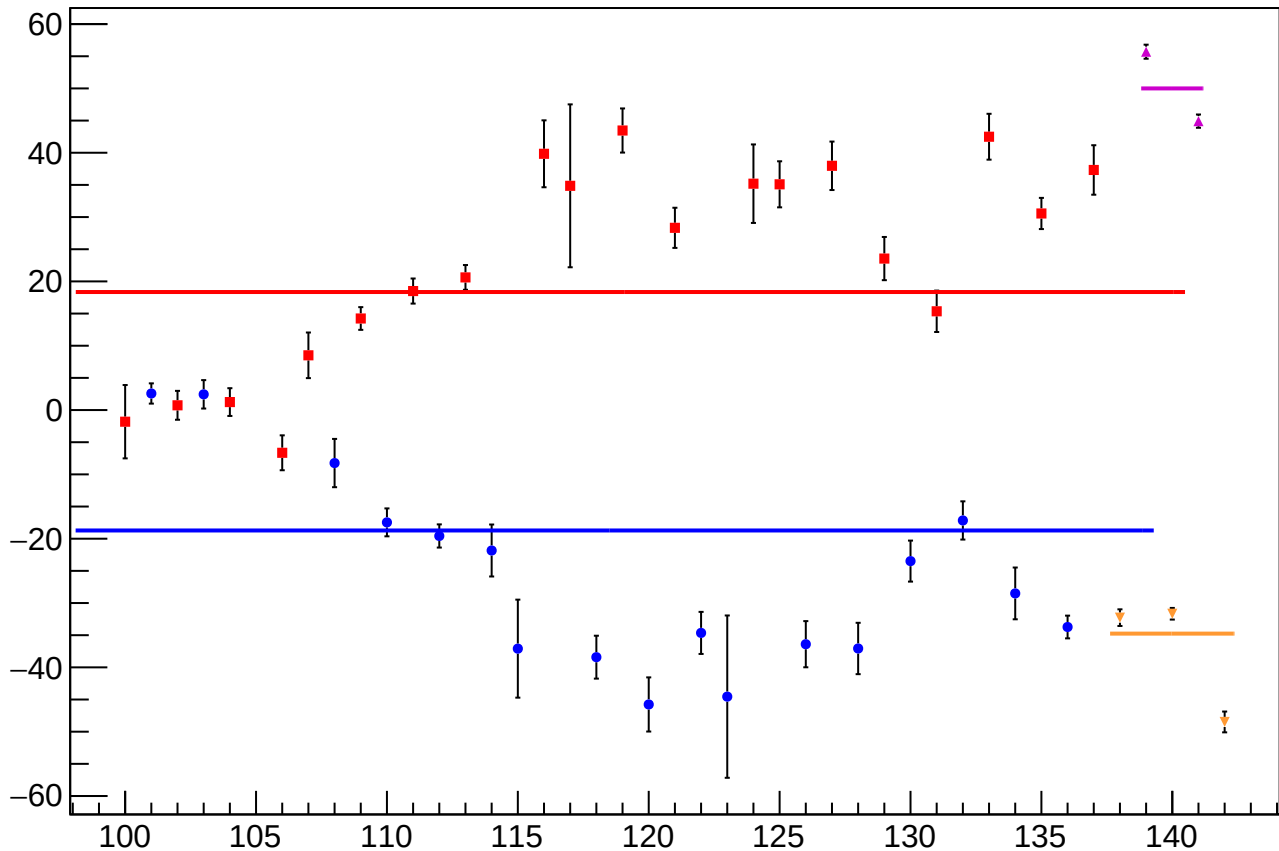
Left In: -35.459 $\pm$ 0.649 χ^2 /NDF:134.8/1

34.712 $\pm$ 0.301 χ^2 /NDF: 772.3/19

3.316 $\pm$ 0.221 χ^2 /NDF: 25423.5/41

-33.772 $\pm$ 0.327 χ^2 /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: -34.755 ± 0.674 χ^2/NDF : 87.4/2

Right Out: 18.348 ± 0.643 χ^2/NDF : 474.3/19

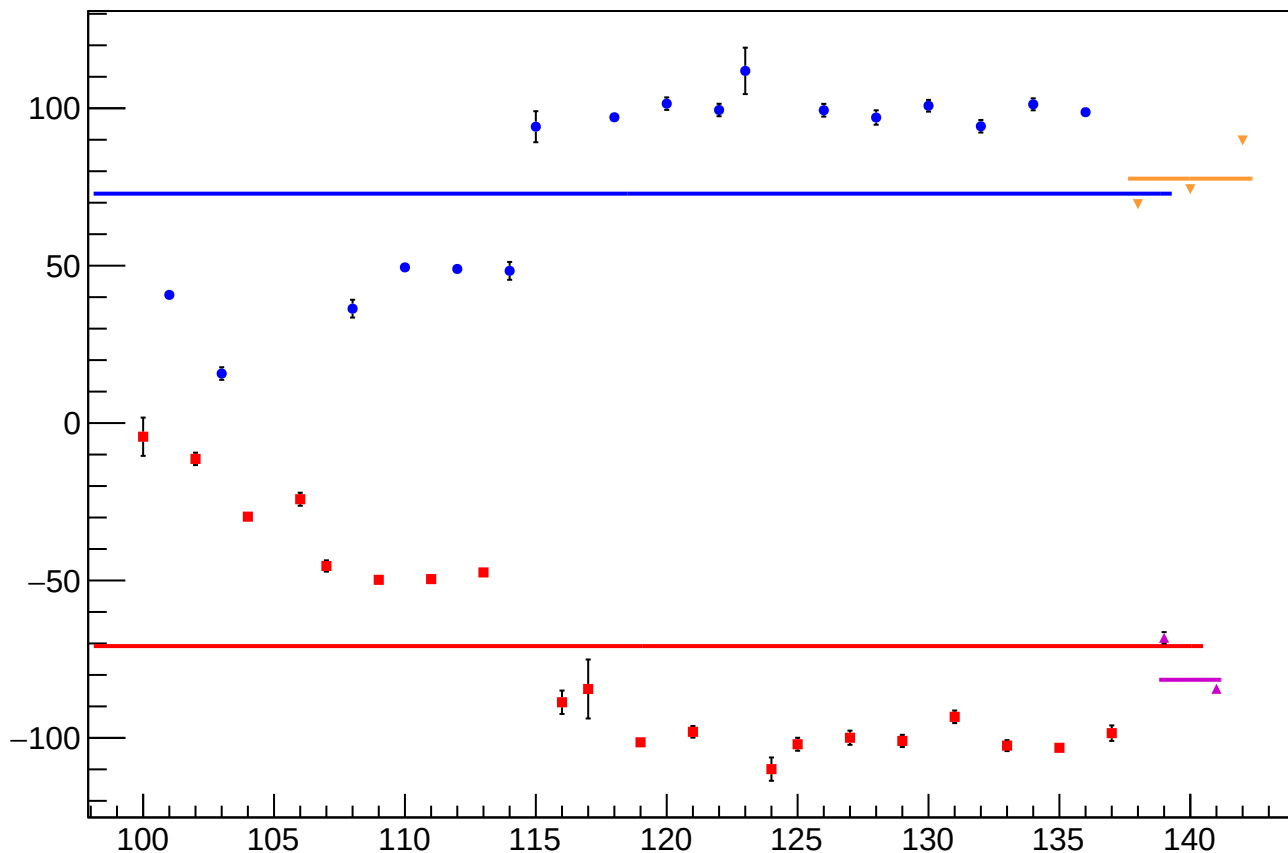
Left In: 49.999 ± 0.751 χ^2/NDF : 51.5/1

-26.631 ± 0.474 χ^2/NDF : 893.5/19

1.661 ± 0.340 χ^2/NDF : 9805.4/41

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: 77.644+/-0.610 χ^2/NDF :160.5/2

Right Out: -70.844+/-0.433 χ^2/NDF : 5491.4/19

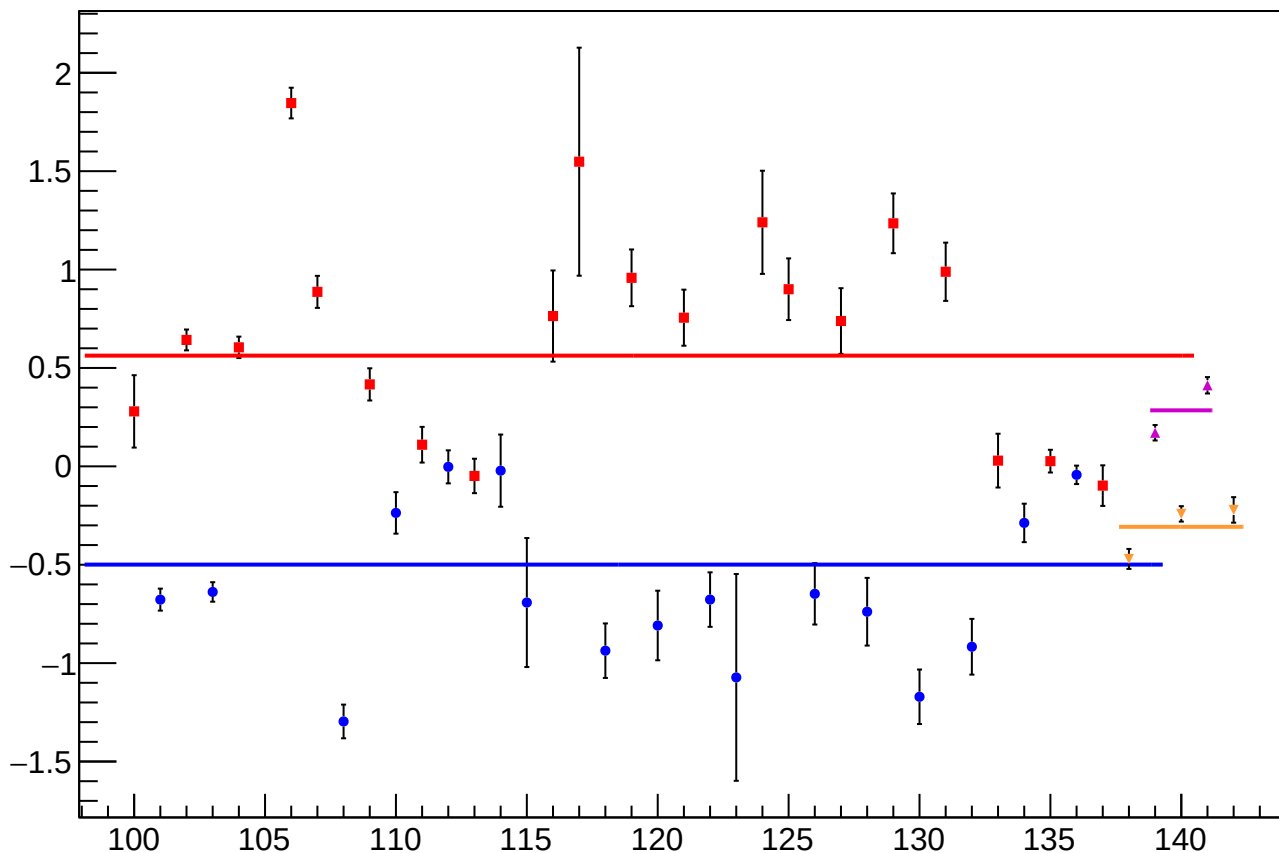
Left In: -81.539+/-0.756 χ^2/NDF :66.8/1

74.438+/-0.349 χ^2/NDF : 4939.5/19

5.863+/-0.256 χ^2/NDF : 93873.4/41

-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: -0.307 ± 0.028 χ^2/NDF : 14.9/2

Right Out: 0.563 ± 0.021 χ^2/NDF : 565.2/19

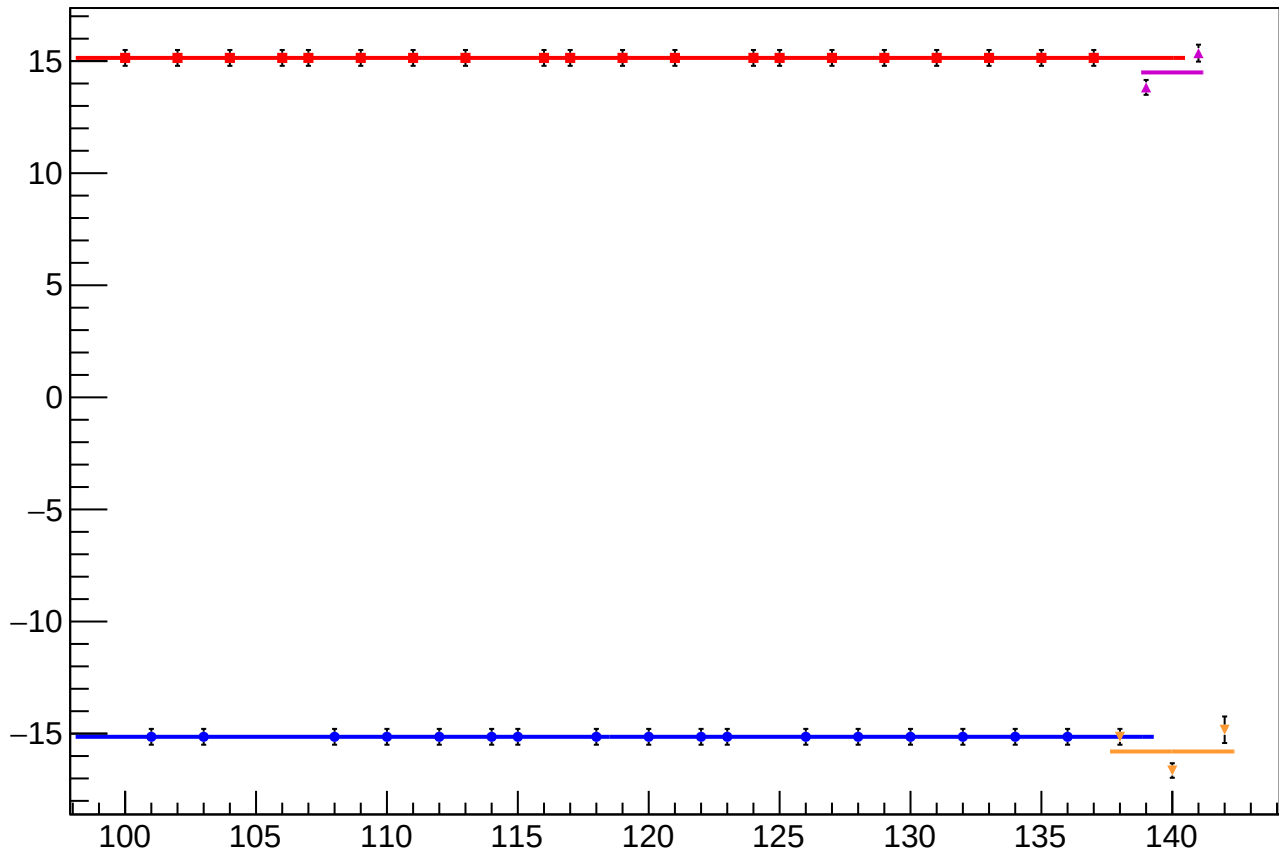
Left In: 0.285 ± 0.029 χ^2/NDF : 17.8/1

-0.425 ± 0.017 χ^2/NDF : 347.1/19

0.027 ± 0.012 χ^2/NDF : 2309.6/41

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 ± 0.086 χ^2/NDF : 0.0/16

Left Out: -15.797 ± 0.222 χ^2/NDF : 12.9/2

Right Out: 15.142 ± 0.079 χ^2/NDF : 0.0/19

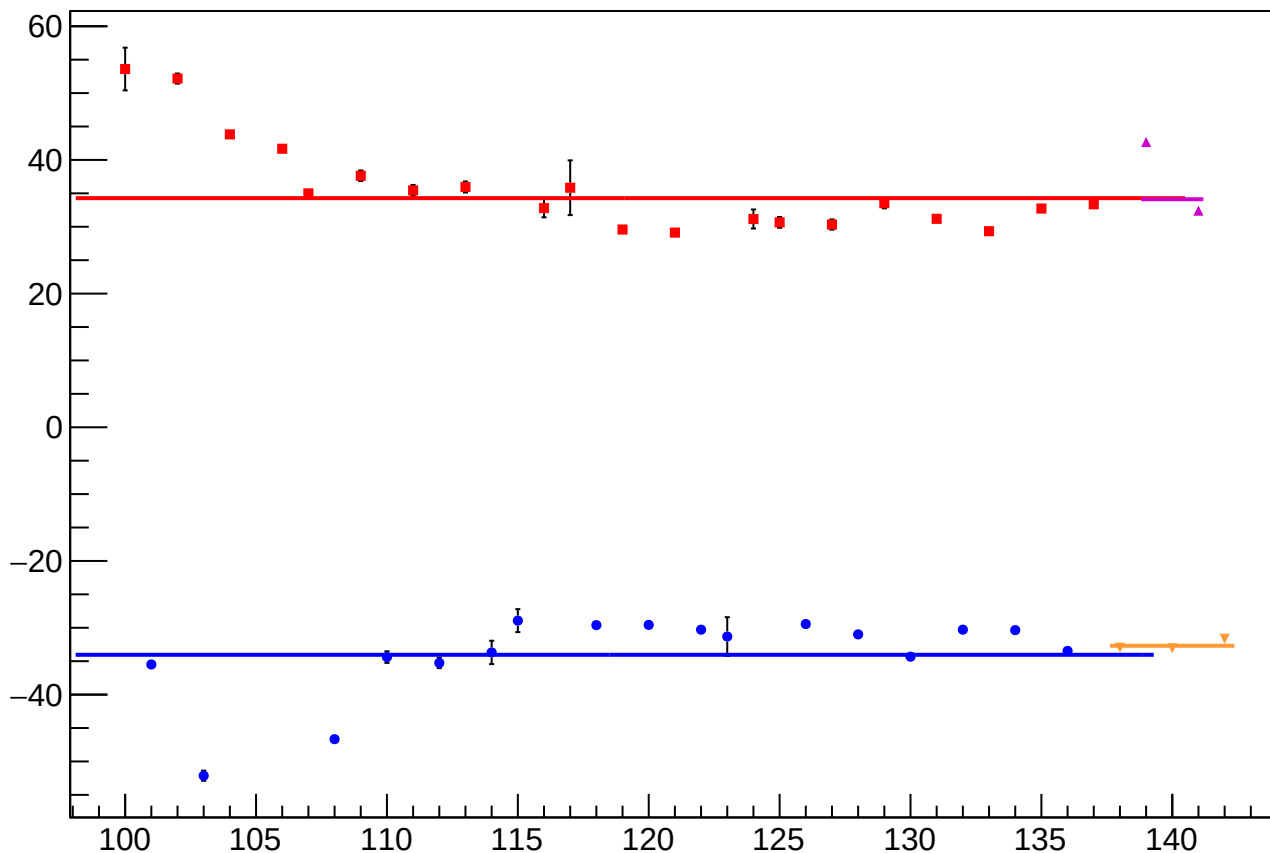
Left In: 14.494 ± 0.250 χ^2/NDF : 9.2/1

-15.227 ± 0.080 χ^2/NDF : 20.5/19

0.829 ± 0.055 χ^2/NDF : 76136.7/41

15.083 ± 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 χ^2/NDF : 1340.8/16

Left Out: -32.691+/-0.187 χ^2/NDF :10.4/2

Right Out: 34.279+/-0.151 χ^2/NDF : 1349.6/19

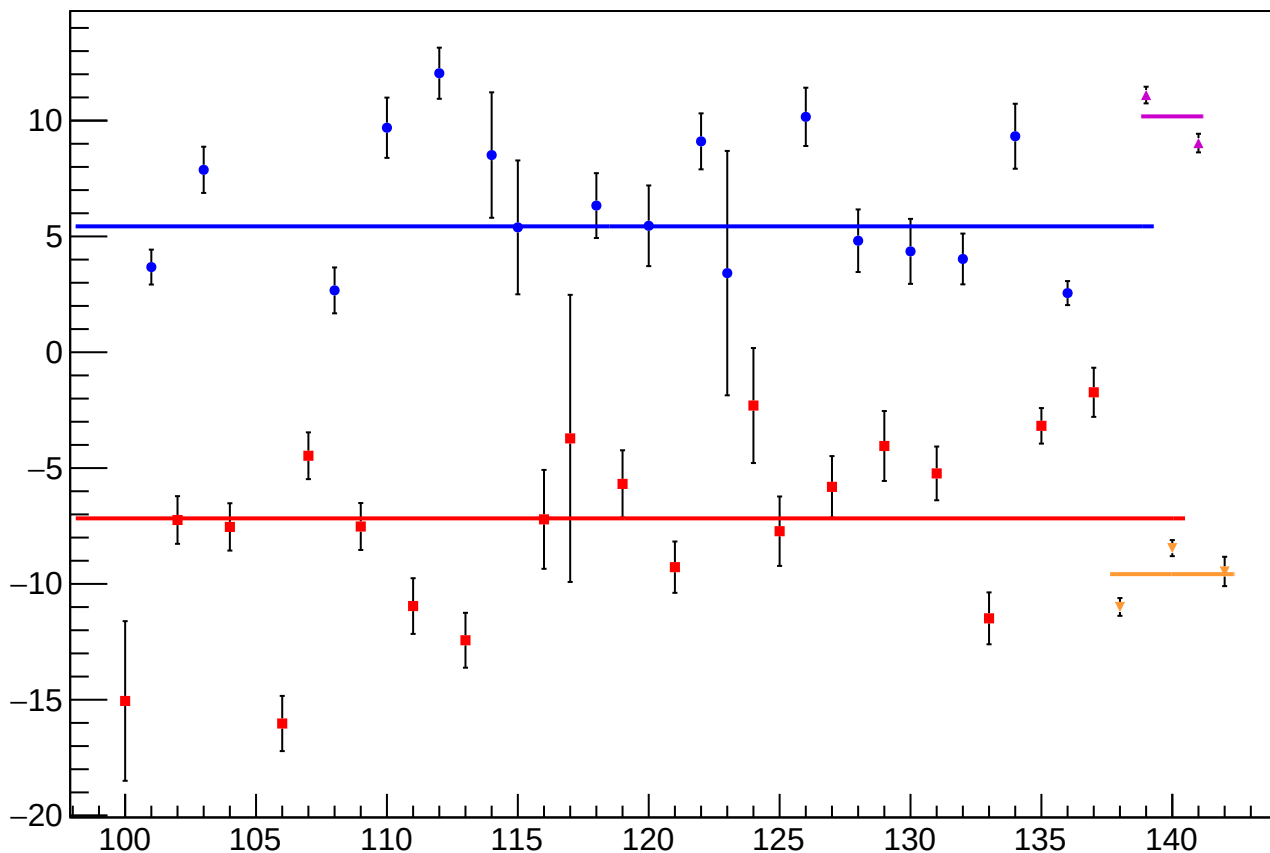
Left In: 34.118+/-0.247 χ^2/NDF :239.9/1

-33.509+/-0.117 χ^2/NDF : 1382.8/19

-2.742+/-0.087 χ^2/NDF : 154425.8/41

34.235+/-0.129 χ^2/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: -9.578 ± 0.238 χ^2/NDF : 24.2/2

Right Out: -7.171 ± 0.274 χ^2/NDF : 182.9/19

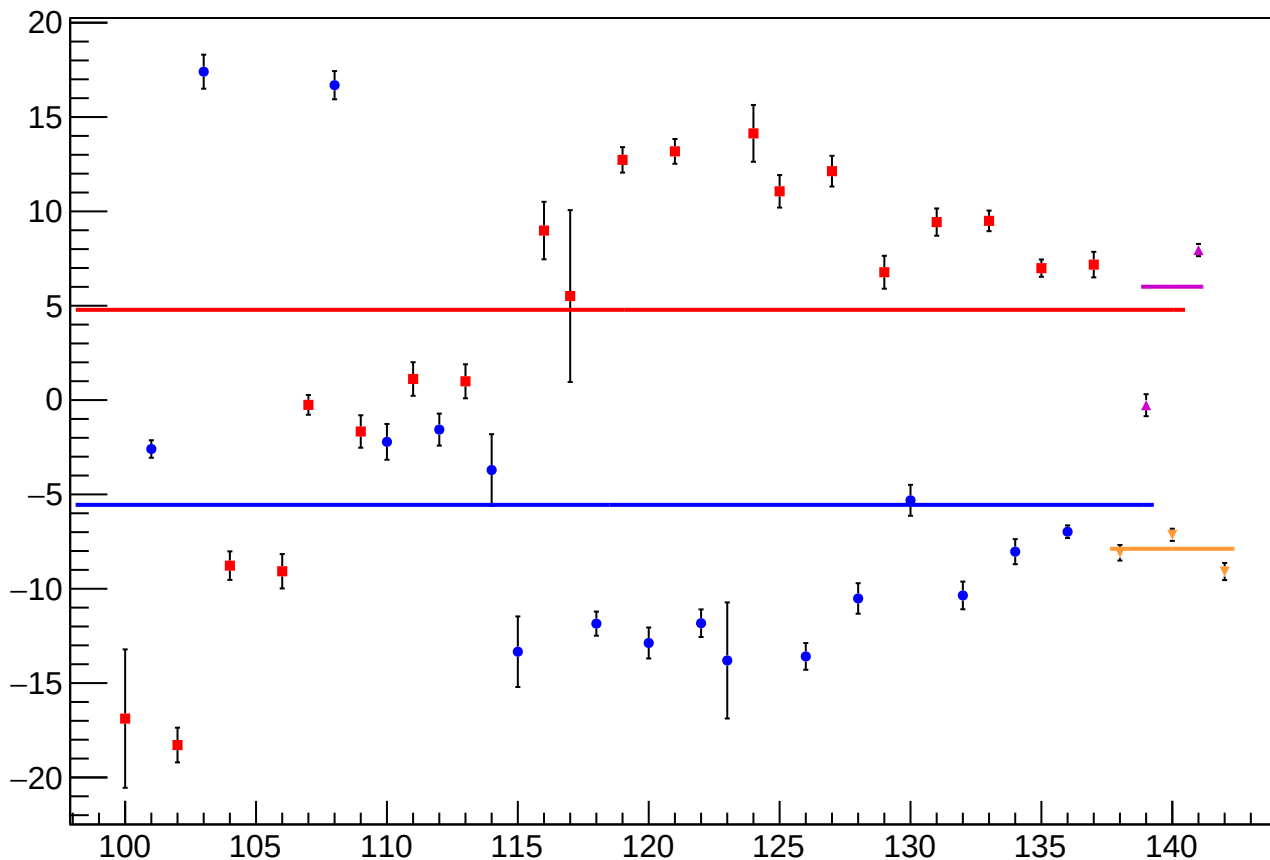
Left In: 10.182 ± 0.268 χ^2/NDF : 14.8/1

-2.994 ± 0.179 χ^2/NDF : 1897.6/19

-0.811 ± 0.131 χ^2/NDF : 4468.6/41

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: -7.881 ± 0.222 χ^2/NDF : 12.6/2

Right Out: 4.783 ± 0.173 χ^2/NDF : 2040.4/19

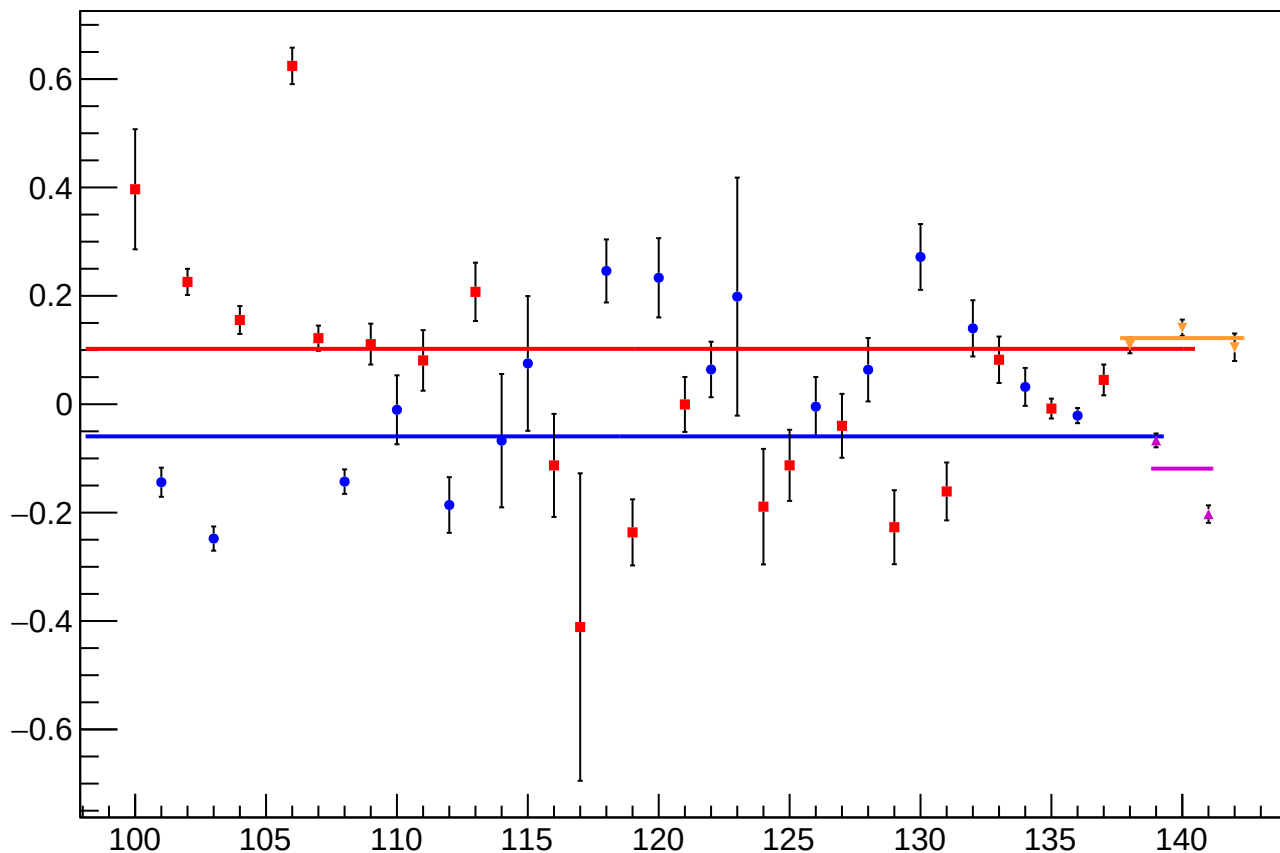
Left In: 6.008 ± 0.284 χ^2/NDF : 151.7/1

-6.414 ± 0.135 χ^2/NDF : 2207.3/19

-1.164 ± 0.100 χ^2/NDF : 7740.1/41

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: 0.122 ± 0.010 χ^2/NDF : 2.8/2

Right Out: 0.102 ± 0.008 χ^2/NDF : 438.8/19

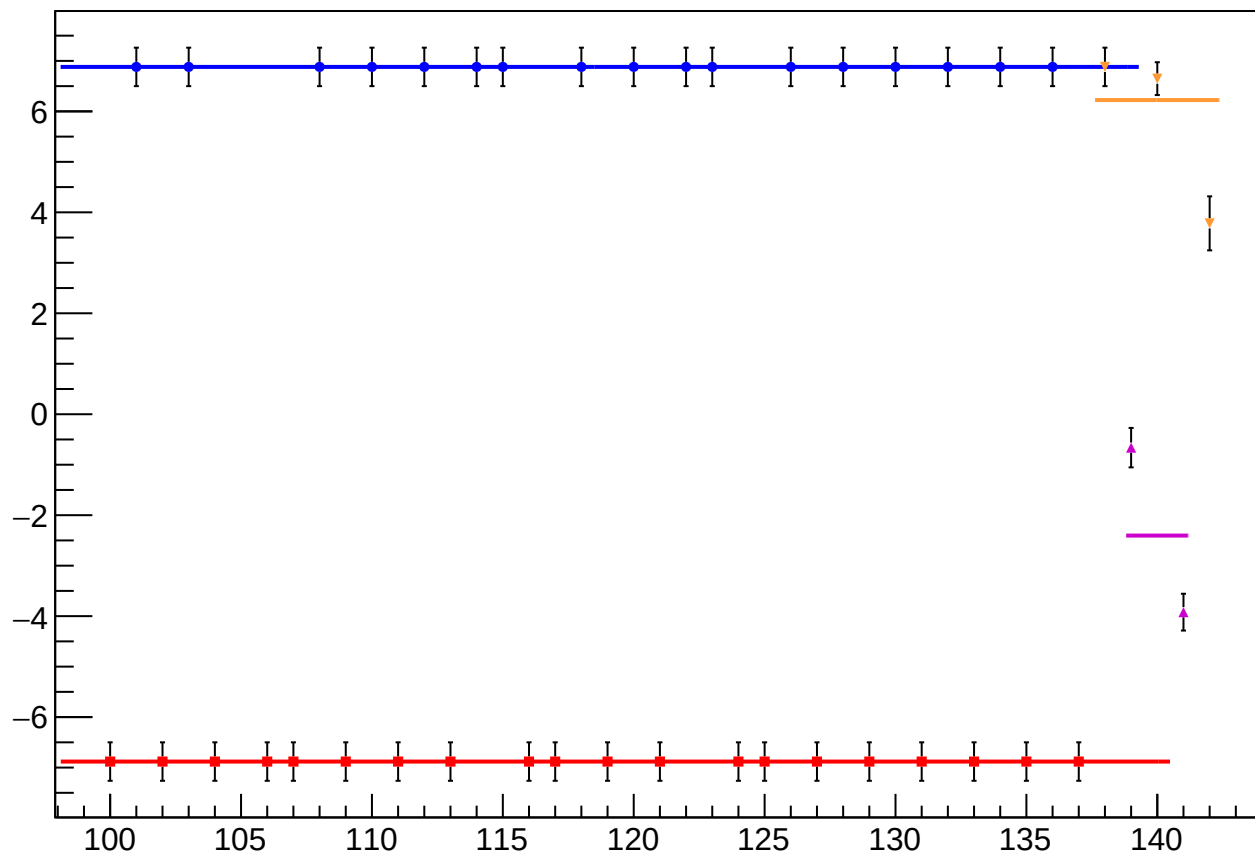
Left In: -0.119 ± 0.010 χ^2/NDF : 43.5/1

0.017 ± 0.006 χ^2/NDF : 418.2/19

0.014 ± 0.005 χ^2/NDF : 1186.5/41

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: 6.224 ± 0.225 $\chi^2/\text{NDF}: 25.5/2$

Right Out: -6.881 ± 0.085 $\chi^2/\text{NDF}: 0.0/19$

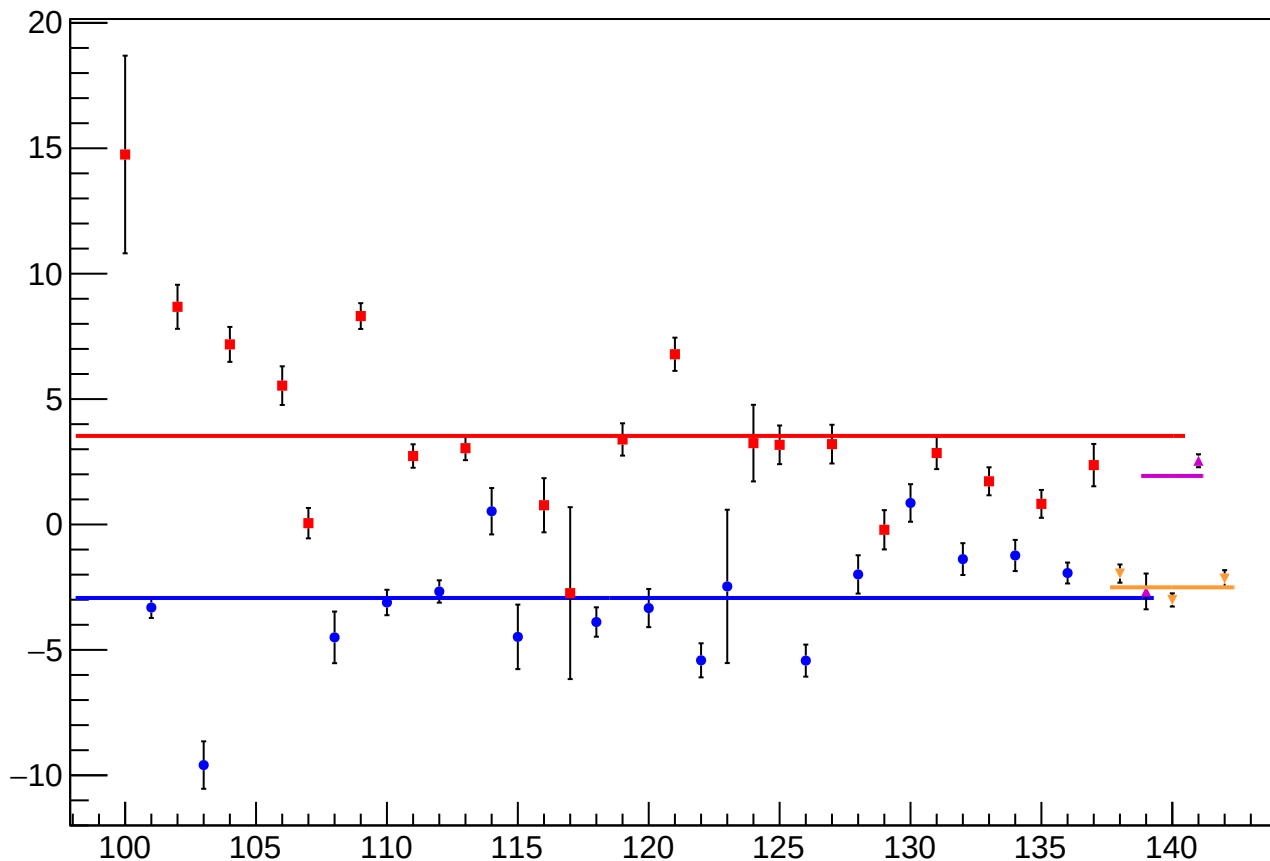
Left In: -2.404 ± 0.267 $\chi^2/\text{NDF}: 37.2/1$

6.786 ± 0.085 $\chi^2/\text{NDF}: 32.8/19$

-0.182 ± 0.059 $\chi^2/\text{NDF}: 12967.6/41$

-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: -2.506 ± 0.180 $\chi^2/\text{NDF}: 7.0/2$

Right Out: 3.531 ± 0.154 $\chi^2/\text{NDF}: 295.0/19$

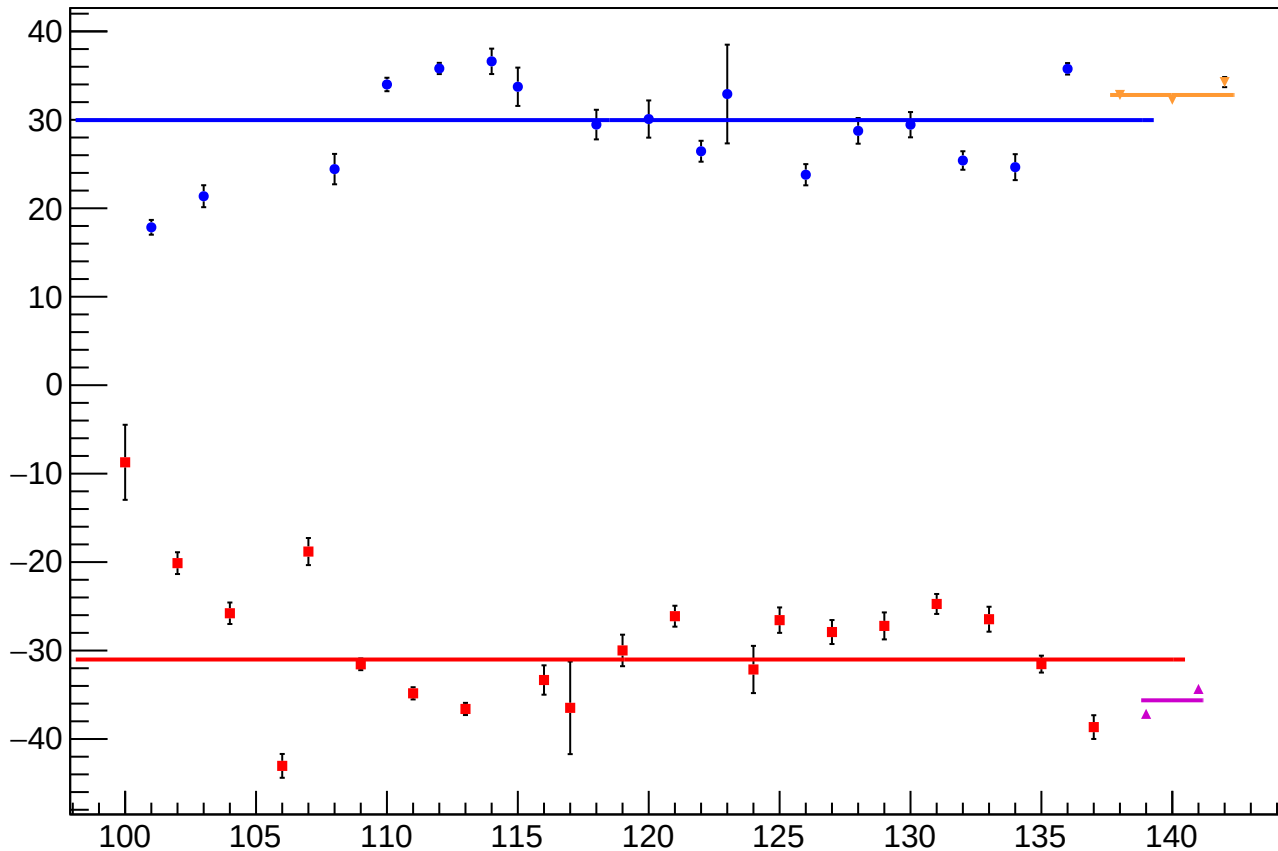
Left In: 1.936 ± 0.243 $\chi^2/\text{NDF}: 47.2/1$

-2.752 ± 0.117 $\chi^2/\text{NDF}: 156.7/19$

-0.150 ± 0.087 $\chi^2/\text{NDF}: 1634.2/41$

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 ± 0.267 χ^2/NDF : 554.3/16

Left Out: 32.810 ± 0.241 χ^2/NDF : 8.9/2

Right Out: -31.013 ± 0.260 χ^2/NDF : 480.6/19

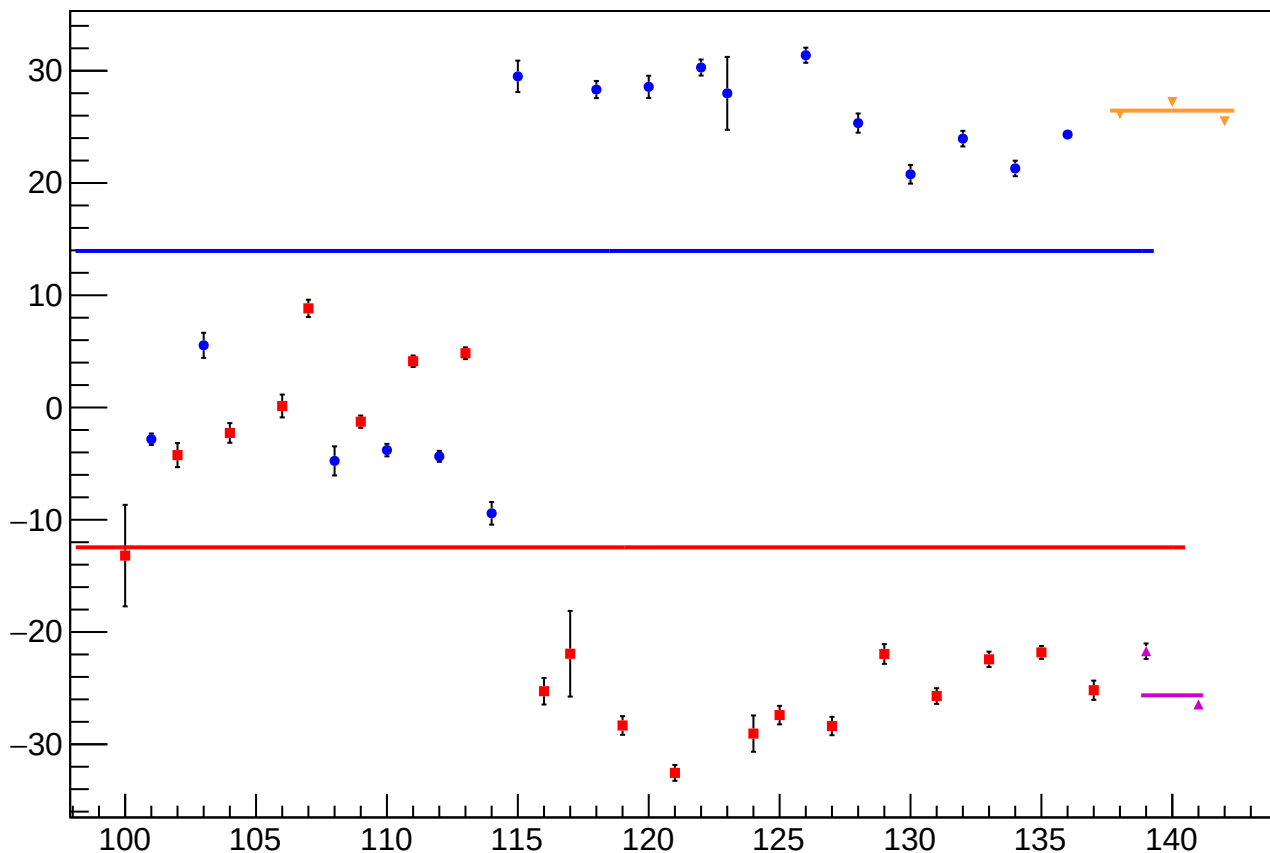
Left In: -35.626 ± 0.286 χ^2/NDF : 24.1/1

31.534 ± 0.179 χ^2/NDF : 625.7/19

1.547 ± 0.131 χ^2/NDF : 61960.1/41

-33.101 ± 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 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 26.449 $\pm$ 0.216 χ^2 /NDF:11.8/2

Right Out: -12.455 $\pm$ 0.173 χ^2 /NDF: 6969.0/19

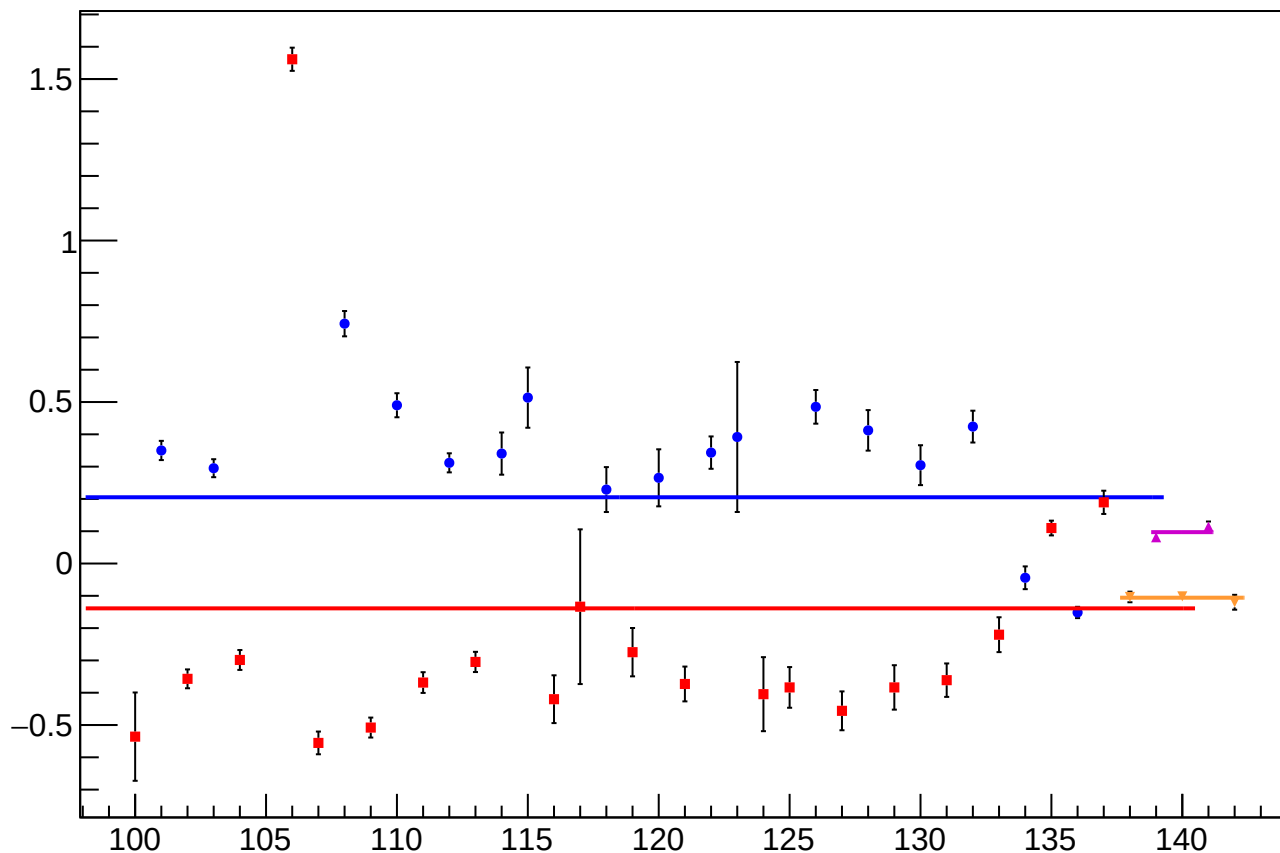
Left In: -25.641 $\pm$ 0.284 χ^2 /NDF:39.6/1

18.793 $\pm$ 0.135 χ^2 /NDF: 9451.7/19

3.034 $\pm$ 0.100 χ^2 /NDF: 48340.4/41

-16.039 $\pm$ 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 ± 0.010 χ^2/NDF : 0.5/2

Right Out: -0.139 ± 0.009 χ^2/NDF : 3016.8/19

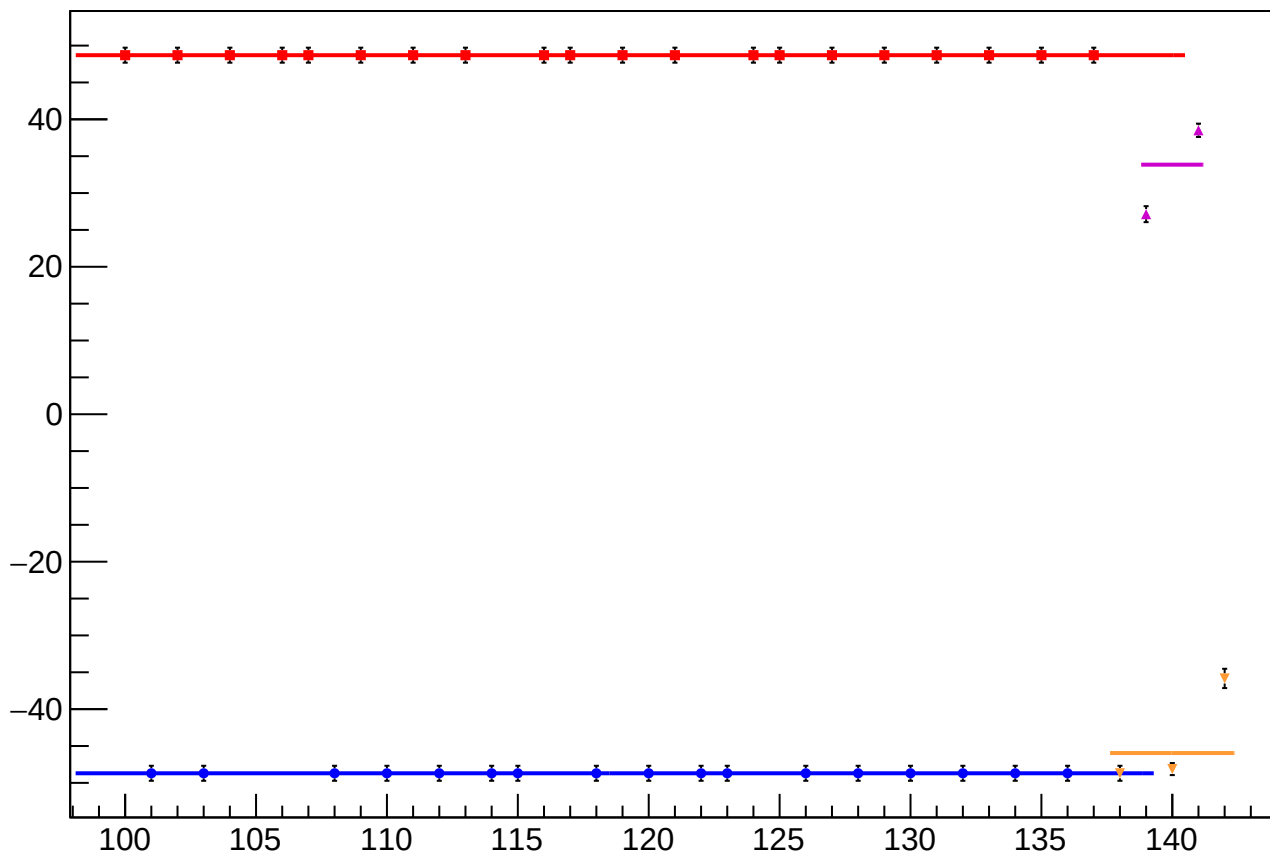
Left In: 0.097 ± 0.011 χ^2/NDF : 2.3/1

0.060 ± 0.007 χ^2/NDF : 1361.8/19

0.011 ± 0.005 χ^2/NDF : 4761.3/41

-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: -45.954 ± 0.573 $\chi^2/\text{NDF}: 74.1/2$

Right Out: 48.699 ± 0.228 $\chi^2/\text{NDF}: 0.0/19$

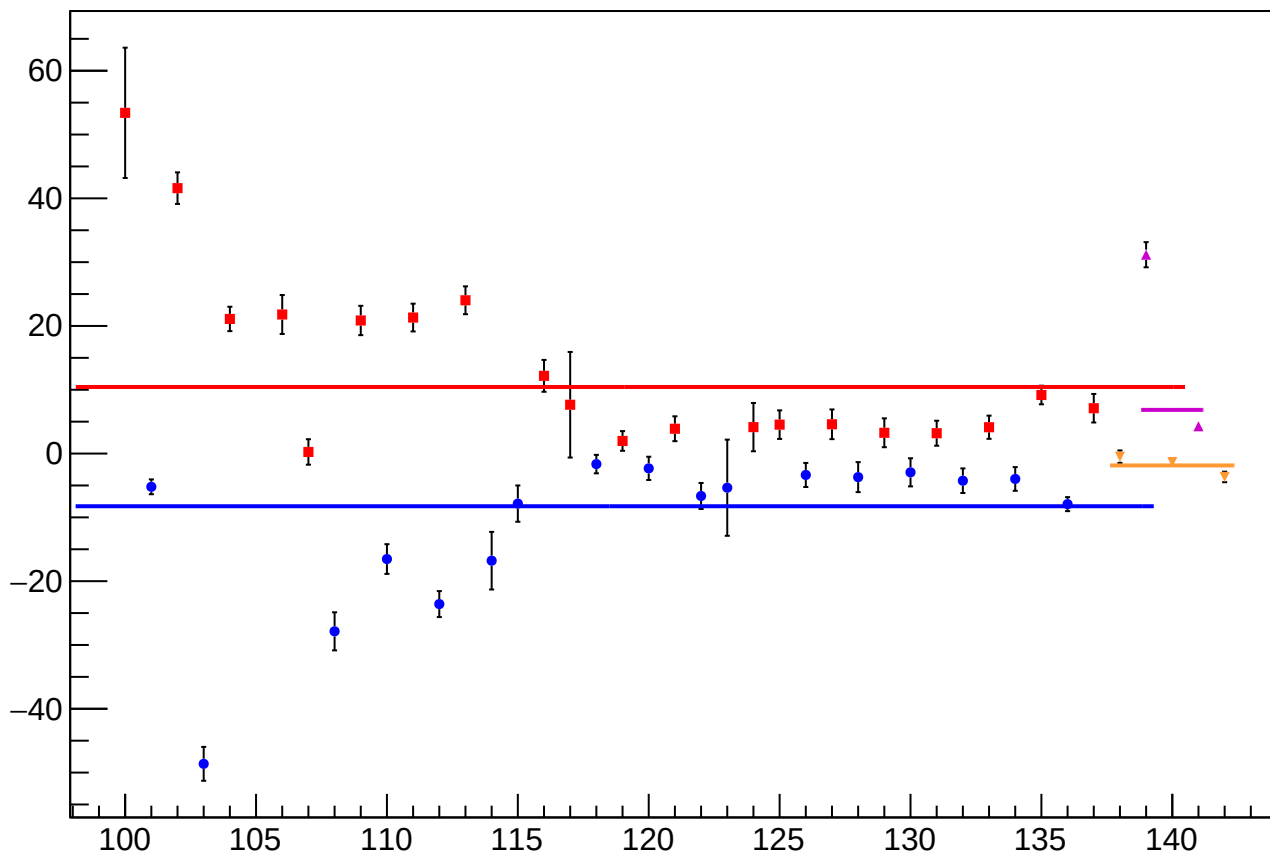
Left In: 33.851 ± 0.695 $\chi^2/\text{NDF}: 64.9/1$

-48.269 ± 0.227 $\chi^2/\text{NDF}: 93.5/19$

1.739 ± 0.157 $\chi^2/\text{NDF}: 93287.0/41$

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: -1.861 ± 0.456 χ^2/NDF : 7.4/2

Right Out: 10.437 ± 0.490 χ^2/NDF : 428.5/19

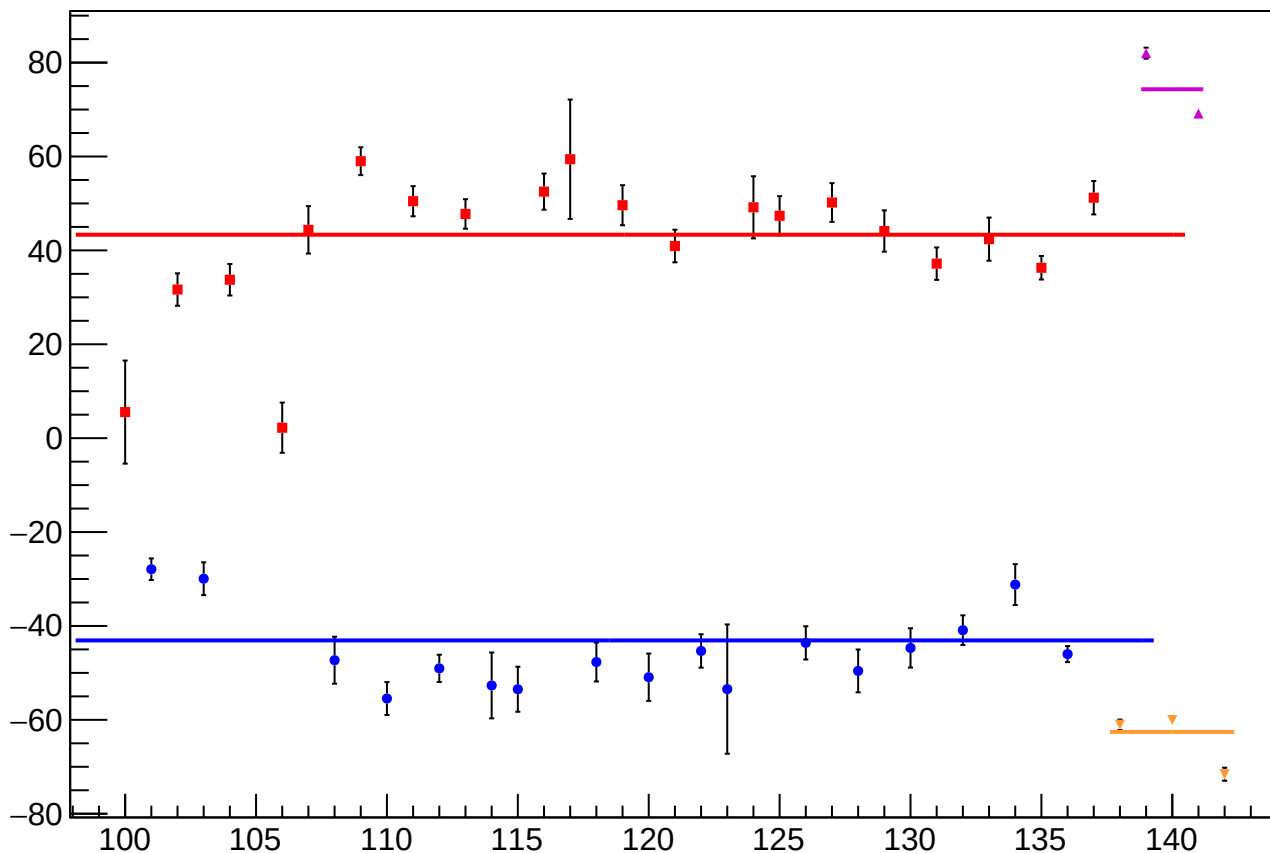
Left In: 6.847 ± 0.609 χ^2/NDF : 168.4/1

-5.018 ± 0.325 χ^2/NDF : 516.5/19

0.872 ± 0.247 χ^2/NDF : 1919.3/41

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 $\chi^2/\text{NDF}: 99.2/16$

Left Out: -62.568 ± 0.614 $\chi^2/\text{NDF}: 51.8/2$

Right Out: 43.337 ± 0.864 $\chi^2/\text{NDF}: 155.8/19$

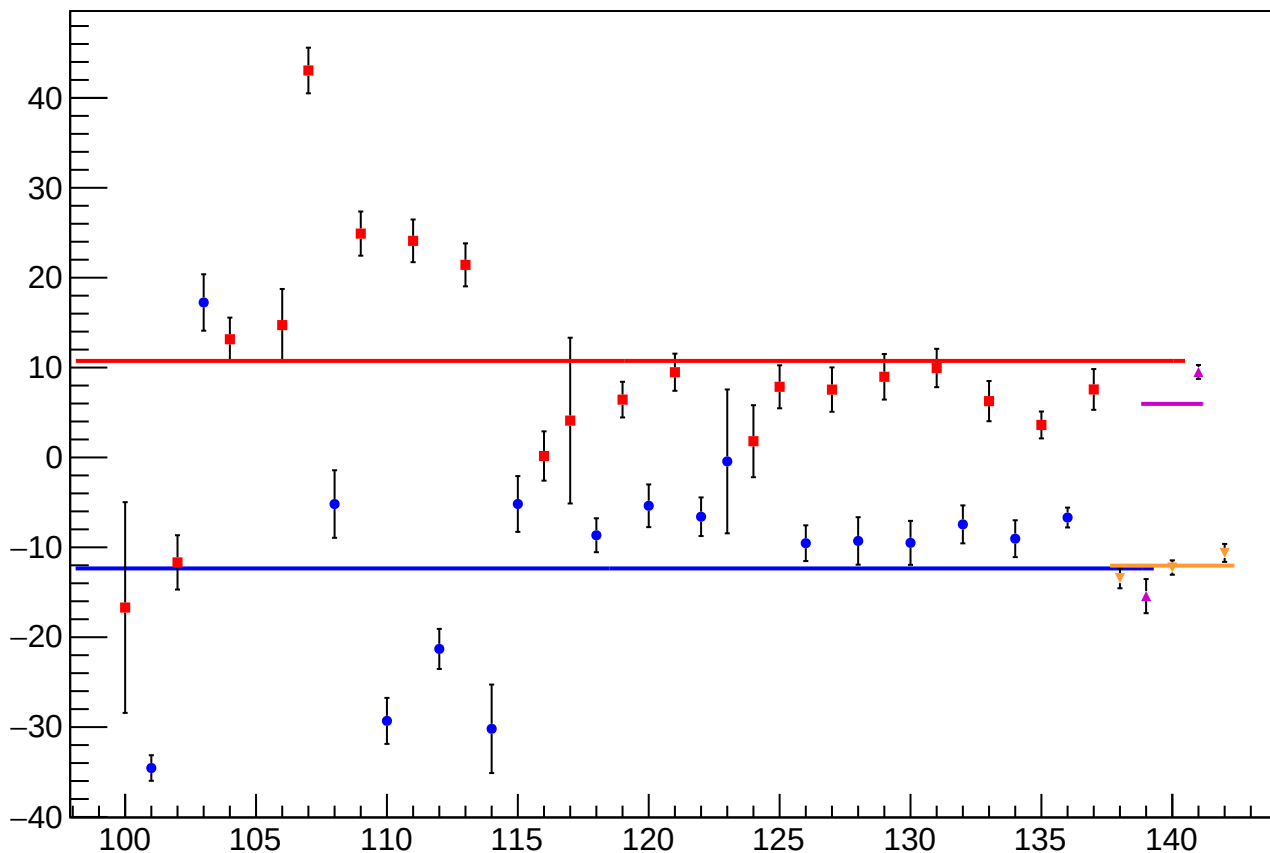
Left In: 74.317 ± 0.744 $\chi^2/\text{NDF}: 71.8/1$

-55.721 ± 0.495 $\chi^2/\text{NDF}: 504.8/19$

-4.906 ± 0.372 $\chi^2/\text{NDF}: 25754.5/41$

61.140 ± 0.564 $\chi^2/\text{NDF}: 965.7/21$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.348 $\pm$ 0.520 χ^2 /NDF: 475.9/16

Left Out: -12.037 $\pm$ 0.547 χ^2 /NDF: 3.6/2

Right Out: 10.741 $\pm$ 0.553 χ^2 /NDF: 367.2/19

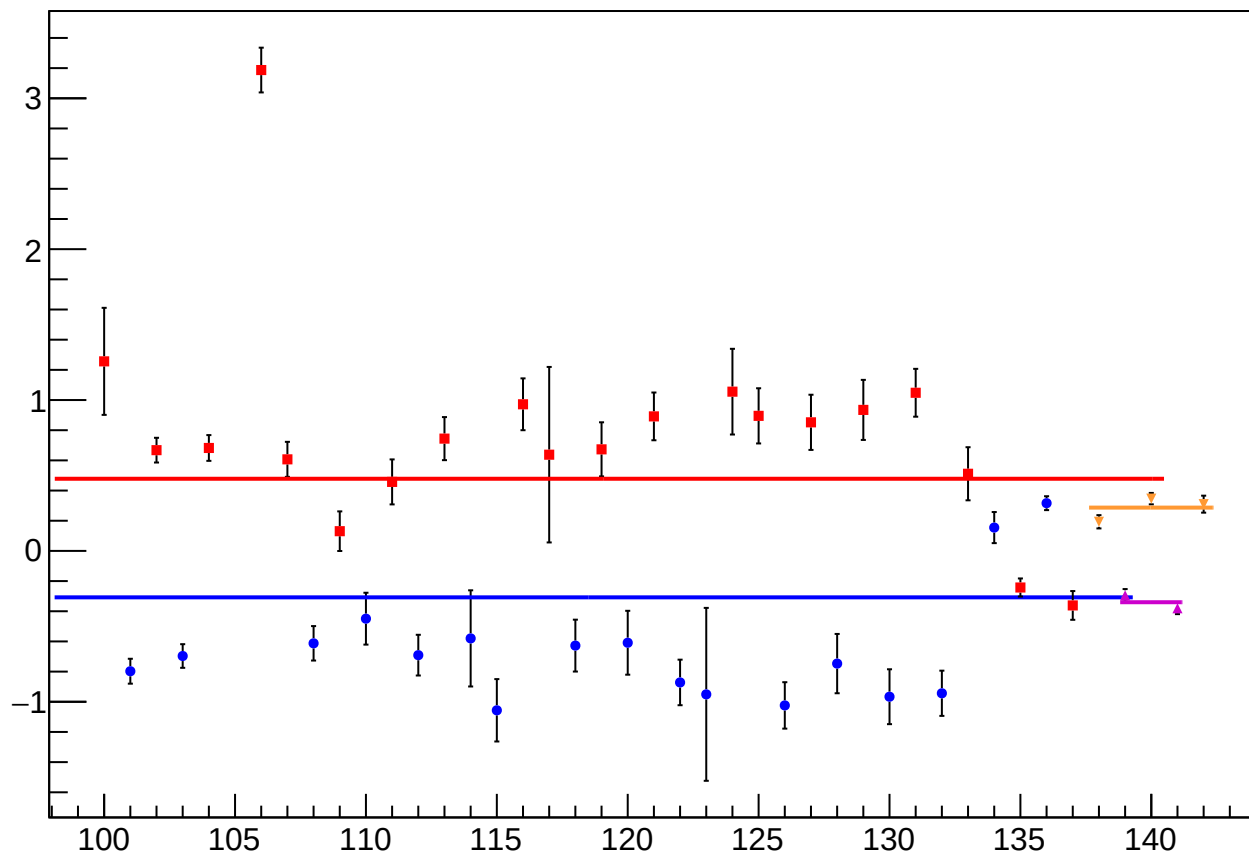
Left In: 5.961 $\pm$ 0.716 χ^2 /NDF: 148.1/1

-12.200 $\pm$ 0.377 χ^2 /NDF: 479.7/19

-3.188 $\pm$ 0.286 χ^2 /NDF: 2365.4/41

8.957 $\pm$ 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 $\pm$ 0.028 χ^2/NDF : 372.4/16

Left Out: 0.287 $\pm$ 0.026 χ^2/NDF : 7.2/2

Right Out: 0.478 $\pm$ 0.028 χ^2/NDF : 631.3/19

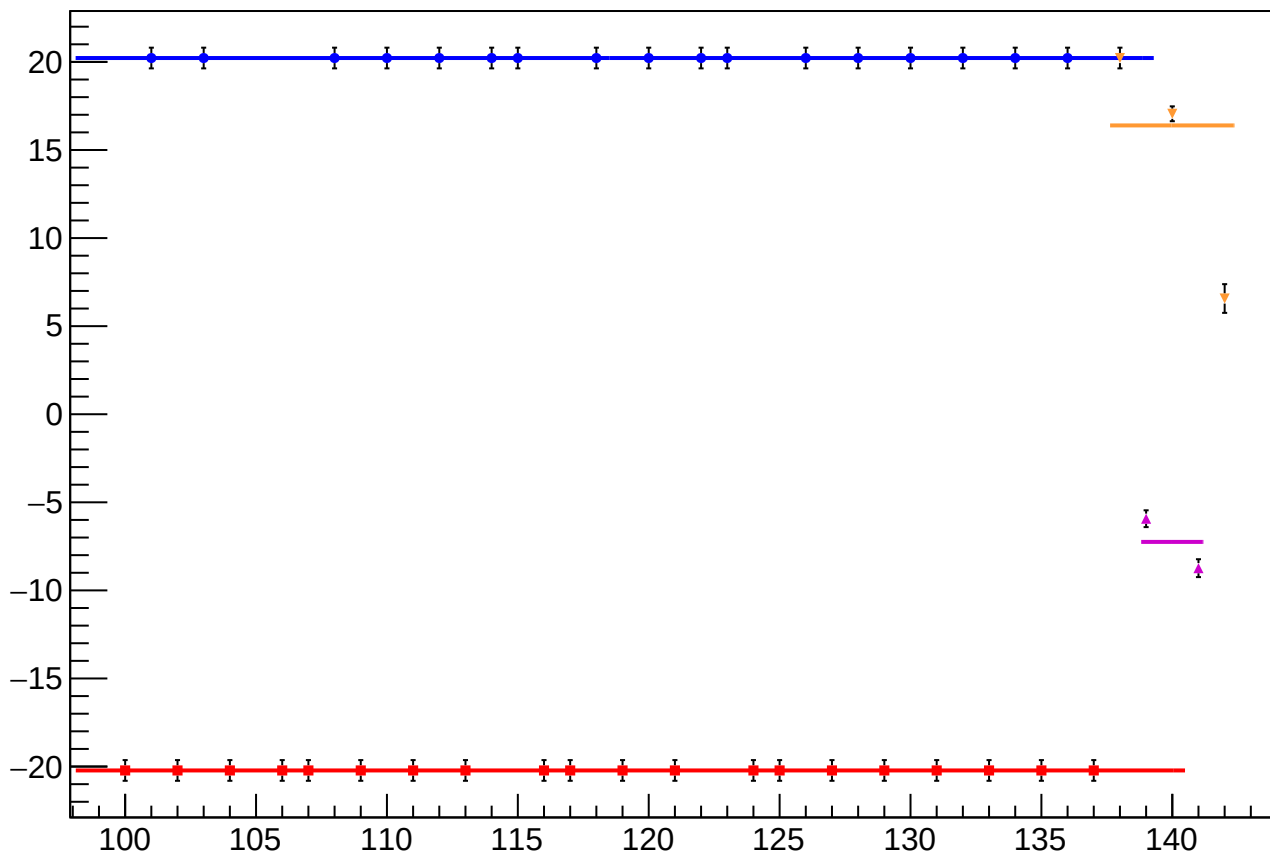
Left In: -0.340 $\pm$ 0.028 χ^2/NDF : 2.3/1

0.011 $\pm$ 0.019 χ^2/NDF : 630.2/19

0.037 $\pm$ 0.014 χ^2/NDF : 1681.8/41

0.068 $\pm$ 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±/0.143 χ^2/NDF : 0.0/16

Left Out: 16.395±/0.316 χ^2/NDF : 190.1/2

Right Out: -20.221±/0.131 χ^2/NDF : 0.0/19

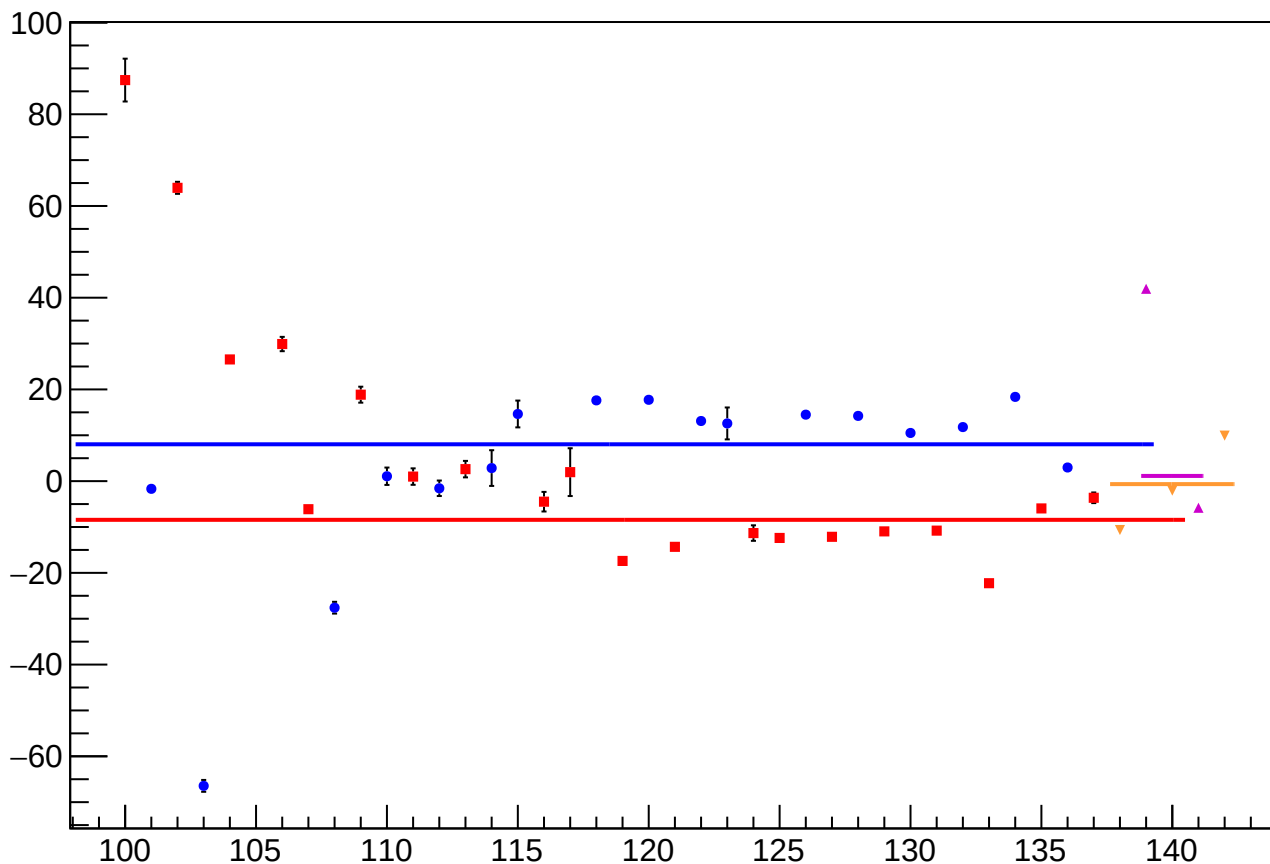
Left In: -7.247±/0.348 χ^2/NDF : 16.2/1

19.574±/0.130 χ^2/NDF : 311.9/19

-0.569±/0.089 χ^2/NDF : 47078.5/41

-18.598±/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: -0.649 ± 0.260 $\chi^2/\text{NDF}: 717.4/2$

Right Out: -8.437 ± 0.213 $\chi^2/\text{NDF}: 6708.4/19$

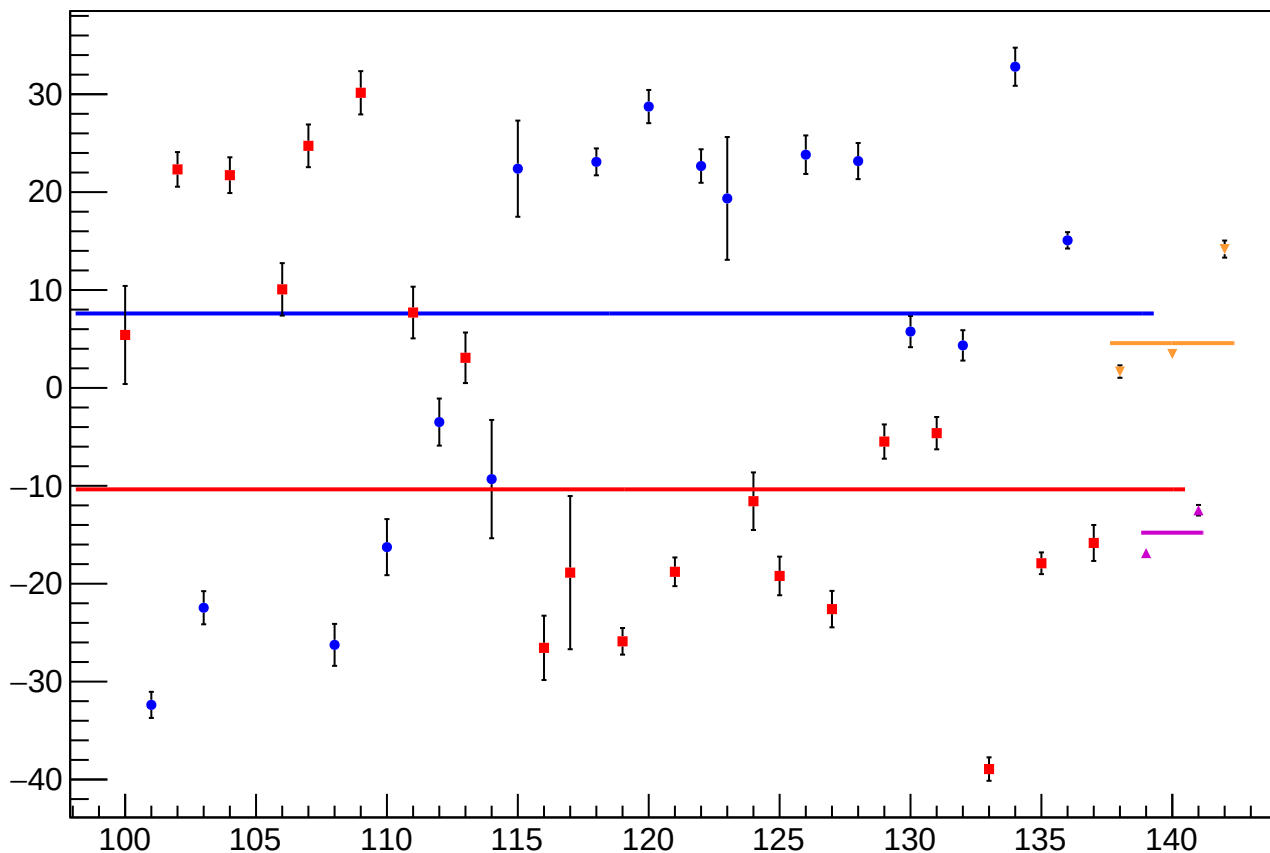
Left In: 1.136 ± 0.335 $\chi^2/\text{NDF}: 2518.6/1$

4.512 ± 0.166 $\chi^2/\text{NDF}: 6748.0/19$

-0.171 ± 0.122 $\chi^2/\text{NDF}: 18290.8/41$

-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 $\chi^2/\text{NDF}: 2325.0/16$

Left Out: 4.574 ± 0.339 $\chi^2/\text{NDF}: 148.0/2$

Right Out: -10.362 ± 0.416 $\chi^2/\text{NDF}: 2283.0/19$

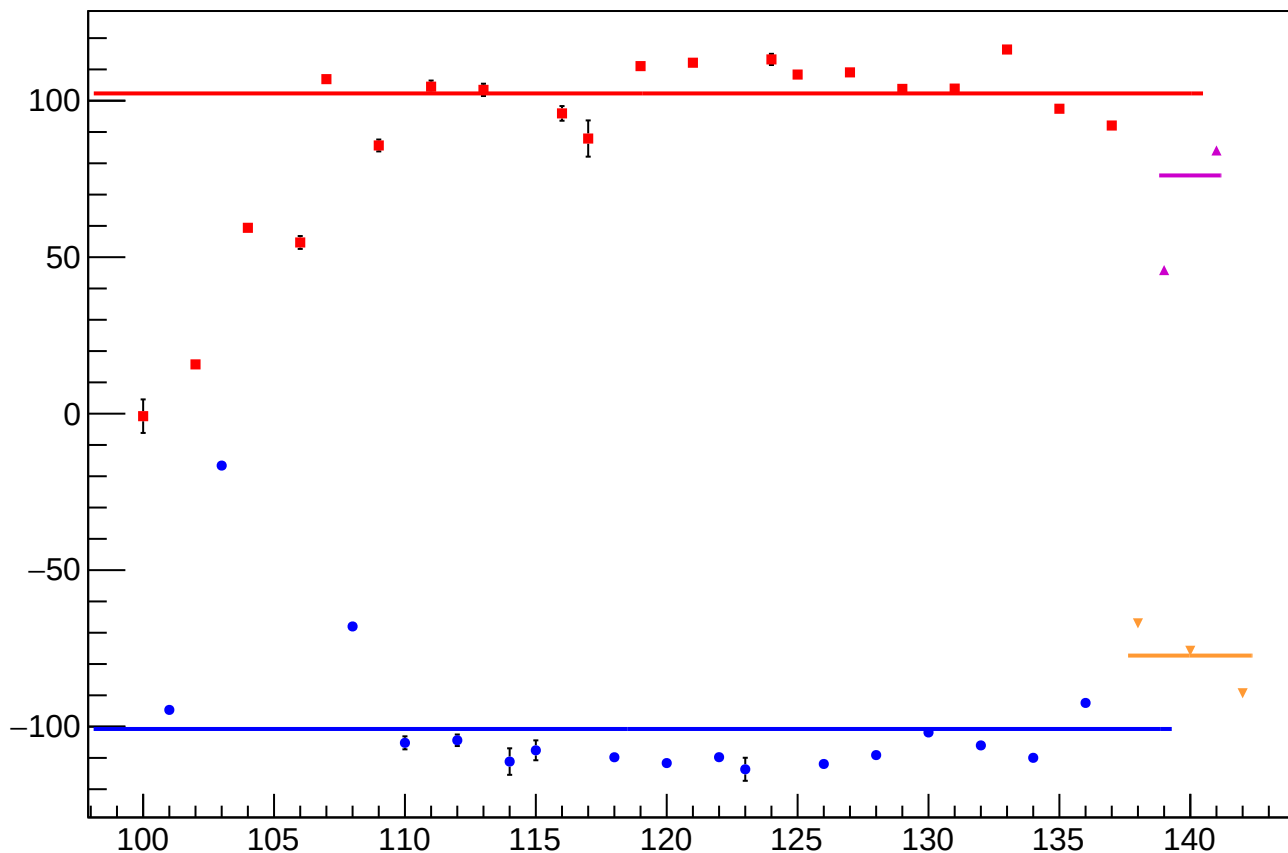
Left In: -14.787 ± 0.372 $\chi^2/\text{NDF}: 34.4/1$

5.783 ± 0.263 $\chi^2/\text{NDF}: 2504.9/19$

-3.005 ± 0.191 $\chi^2/\text{NDF}: 7256.1/41$

-12.817 ± 0.277 $\chi^2/\text{NDF}: 2380.3/21$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.753+/-0.248 χ^2/NDF : 4522.6/16

Left Out: -77.302+/-0.311 χ^2/NDF : 613.8/2

Right Out: 102.328+/-0.246 χ^2/NDF : 6085.1/19

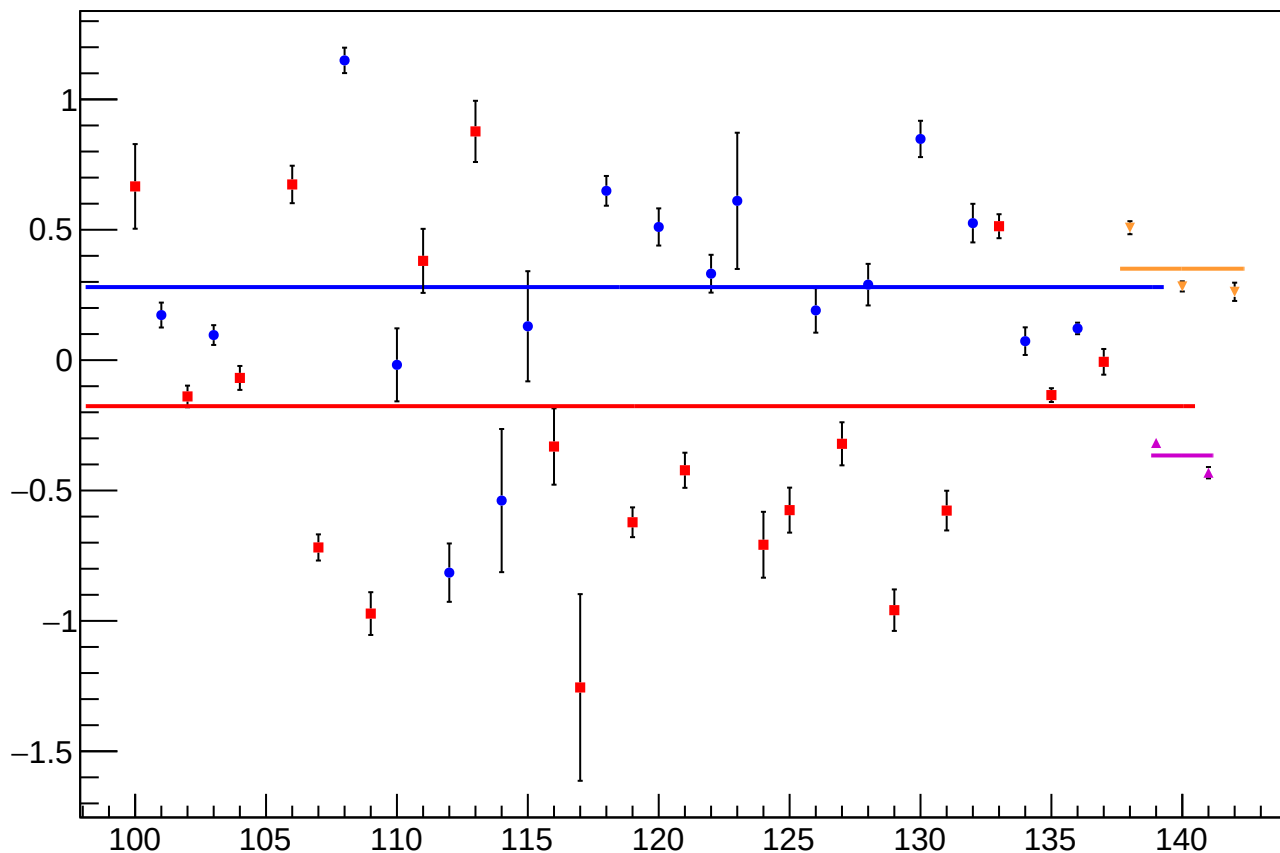
Left In: 76.121+/-0.388 χ^2/NDF : 1605.5/1

-91.629+/-0.194 χ^2/NDF : 8615.0/19

-4.846+/-0.142 χ^2/NDF : 450116.0/41

94.808+/-0.208 χ^2/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: 0.351 ± 0.014 χ^2/NDF : 58.1/2

Right Out: -0.177 ± 0.013 χ^2/NDF : 975.8/19

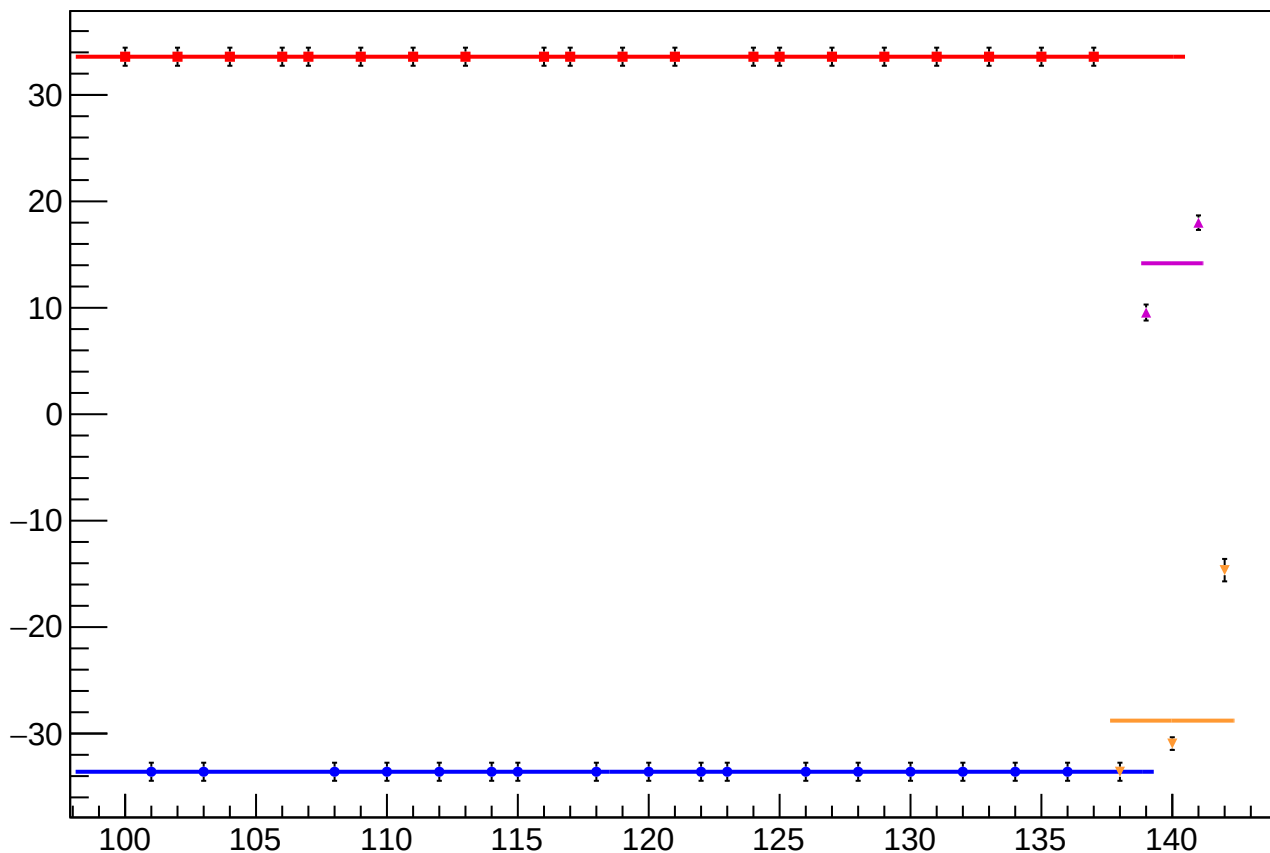
Left In: -0.366 ± 0.014 χ^2/NDF : 15.9/1

0.314 ± 0.010 χ^2/NDF : 727.1/19

0.024 ± 0.007 χ^2/NDF : 3591.7/41

-0.266 ± 0.010 χ^2/NDF : 1085.9/21

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.592 ± 0.206 χ^2/NDF : 0.0/16

Left Out: -28.788 ± 0.443 χ^2/NDF : 225.1/2

Right Out: 33.592 ± 0.190 χ^2/NDF : 0.0/19

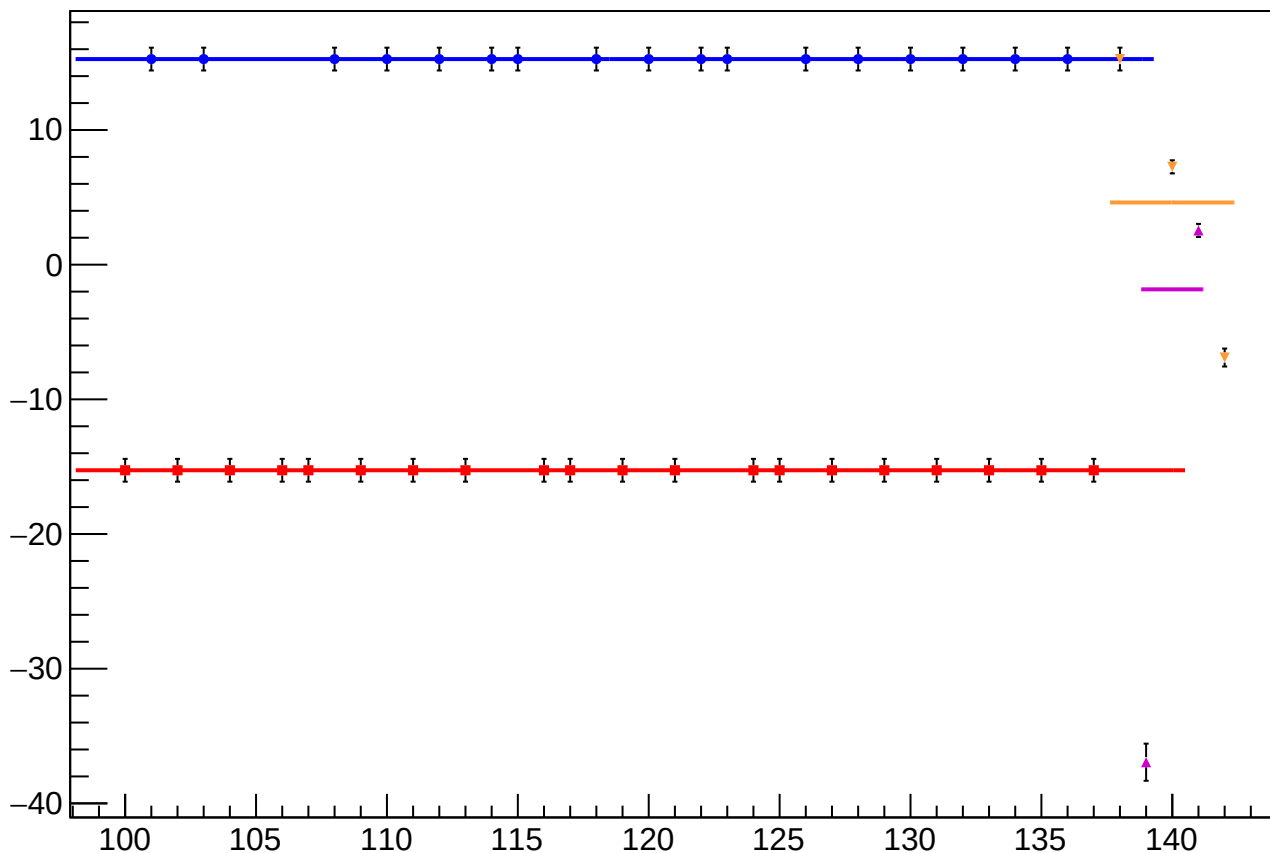
Left In: 14.183 ± 0.506 χ^2/NDF : 69.1/1

-32.736 ± 0.187 χ^2/NDF : 321.9/19

0.800 ± 0.129 χ^2/NDF : 63122.7/41

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 $\pm$ 0.205 χ^2 /NDF: 0.0/16

Left Out: 4.619 $\pm$ 0.357 χ^2 /NDF: 485.7/2

Right Out: -15.266 $\pm$ 0.189 χ^2 /NDF: 0.0/19

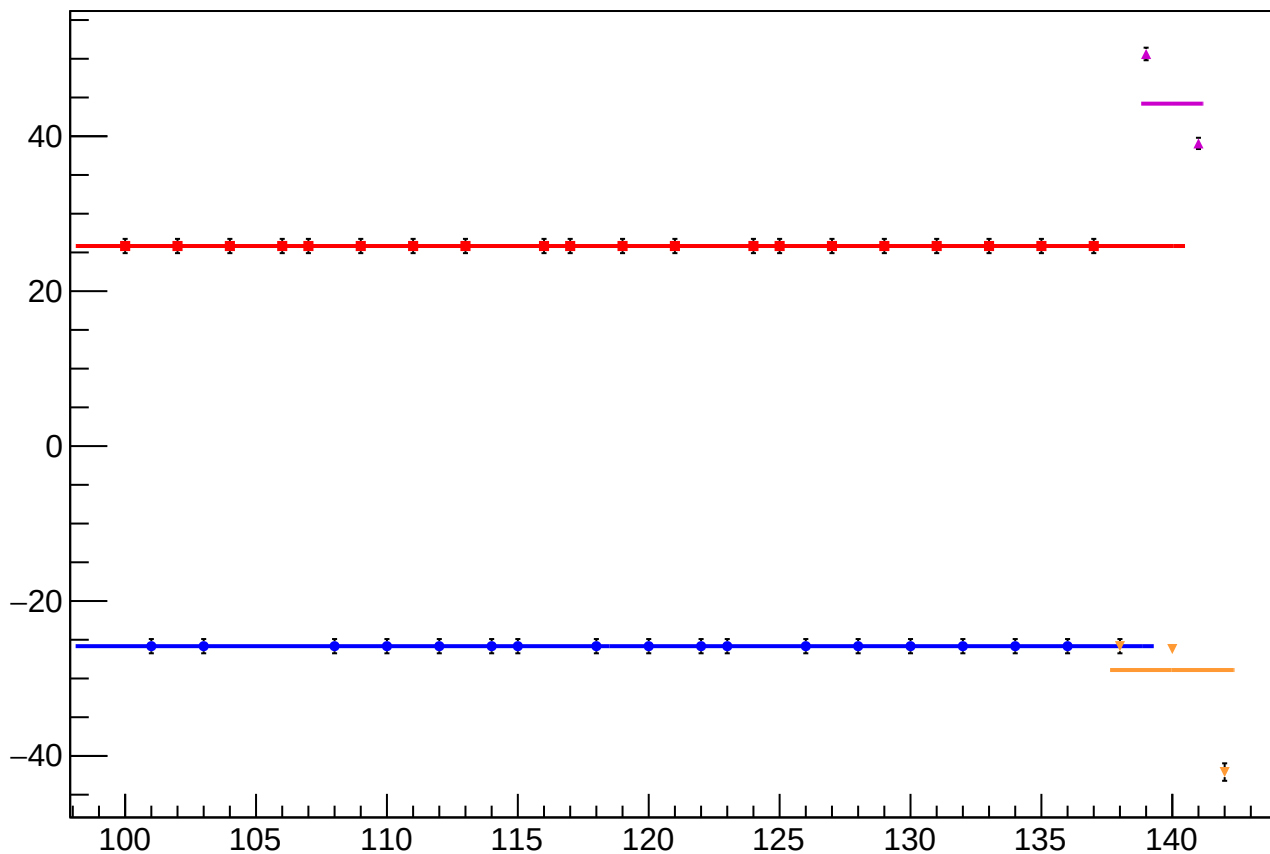
Left In: -1.832 $\pm$ 0.459 χ^2 /NDF: 729.1/1

12.620 $\pm$ 0.178 χ^2 /NDF: 1152.9/19

-0.567 $\pm$ 0.125 χ^2 /NDF: 13391.0/41

-13.311 $\pm$ 0.175 χ^2 /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: -28.908 ± 0.474 χ^2/NDF : 165.7/2

Right Out: 25.828 ± 0.206 χ^2/NDF : 0.0/19

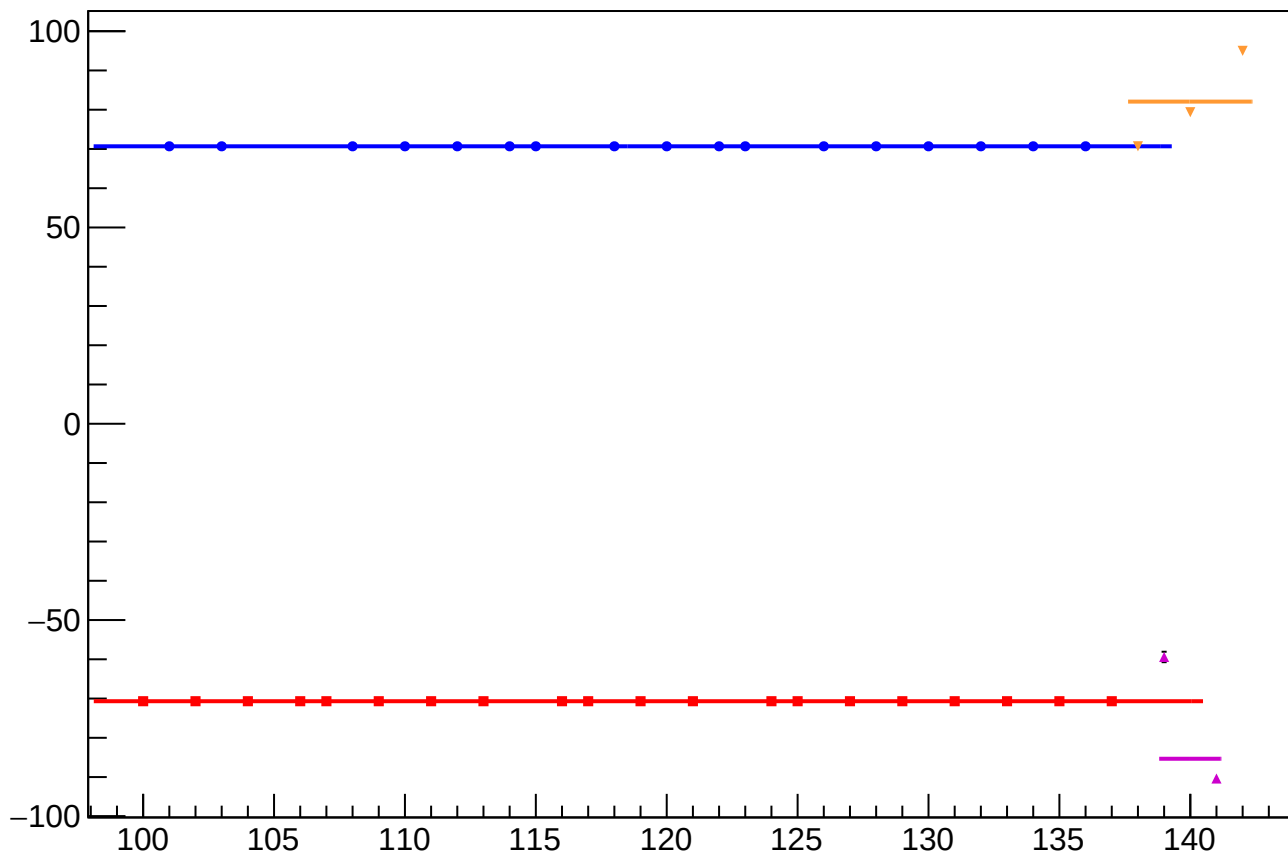
Left In: 44.206 ± 0.541 χ^2/NDF : 112.3/1

-26.387 ± 0.202 χ^2/NDF : 200.2/19

2.207 ± 0.139 χ^2/NDF : 39518.4/41

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 $\pm$ 0.235 χ^2 /NDF: 0.0/16

Left Out: 82.064 $\pm$ 0.428 χ^2 /NDF: 415.2/2

Right Out: -70.679 $\pm$ 0.217 χ^2 /NDF: 0.0/19

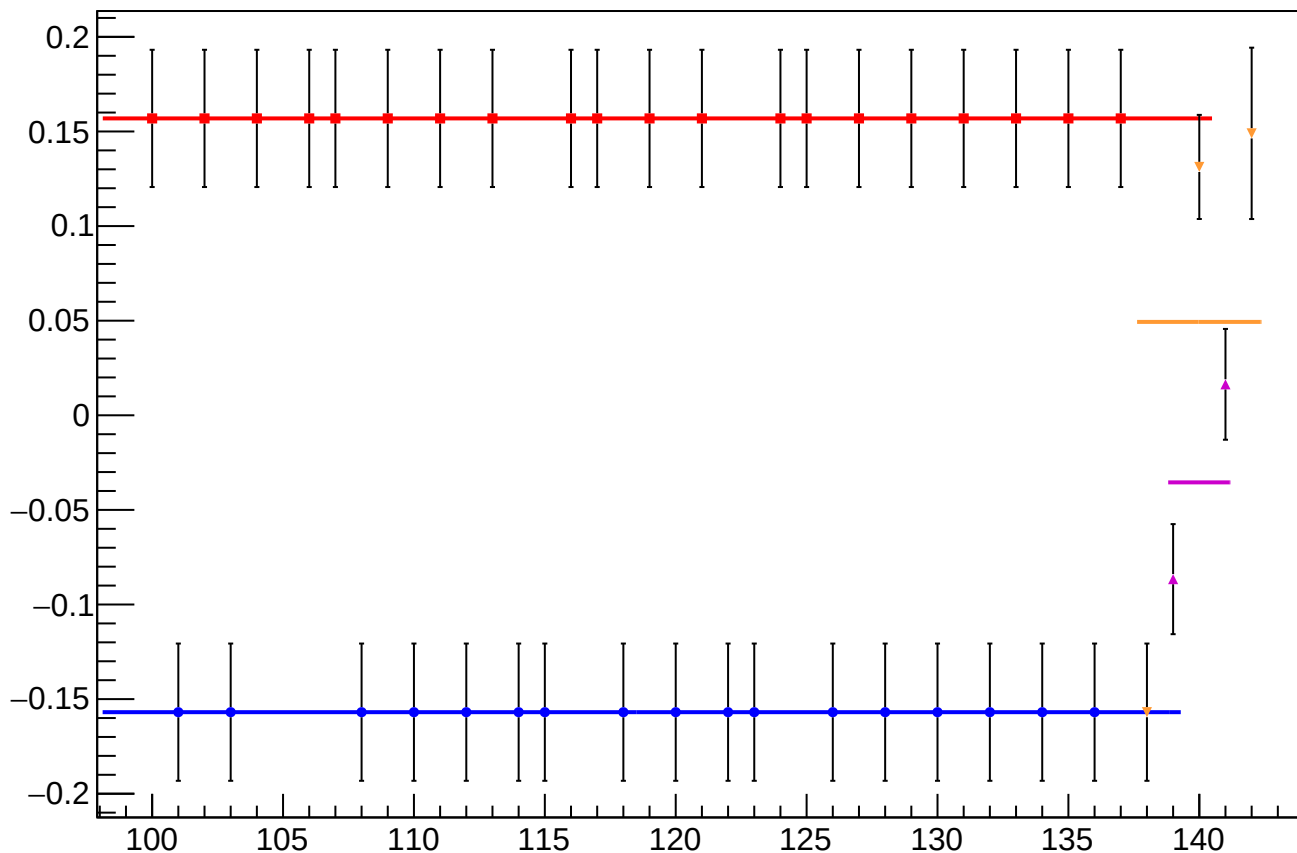
Left In: -85.336 $\pm$ 0.536 χ^2 /NDF: 454.1/1

73.329 $\pm$ 0.206 χ^2 /NDF: 959.3/19

-1.517 $\pm$ 0.144 χ^2 /NDF: 259050.9/41

-72.745 $\pm$ 0.201 χ^2 /NDF: 1096.7/21

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.157 $\pm$ 0.009 χ^2/NDF : 0.0/16

Left Out: 0.049 $\pm$ 0.020 χ^2/NDF : 46.0/2

Right Out: 0.157 $\pm$ 0.008 χ^2/NDF : 0.0/19

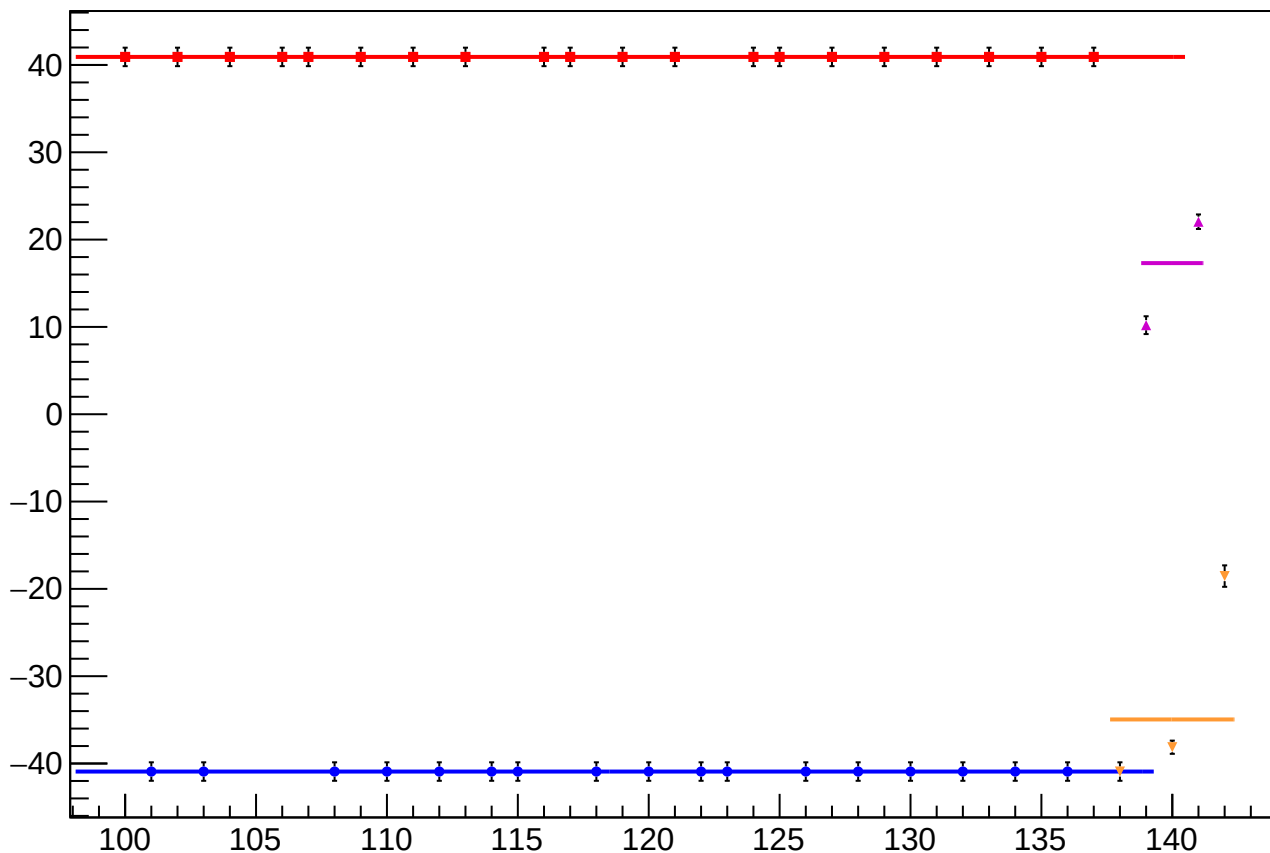
Left In: -0.035 $\pm$ 0.021 χ^2/NDF : 6.2/1

-0.123 $\pm$ 0.008 χ^2/NDF : 137.2/19

0.012 $\pm$ 0.006 χ^2/NDF : 749.0/41

0.131 $\pm$ 0.008 χ^2/NDF : 81.5/21

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.922 $\pm$ 0.257 χ^2 /NDF: 0.0/16

Left Out: -34.955 $\pm$ 0.550 χ^2 /NDF:228.0/2

Right Out: 40.922 $\pm$ 0.237 χ^2 /NDF: 0.0/19

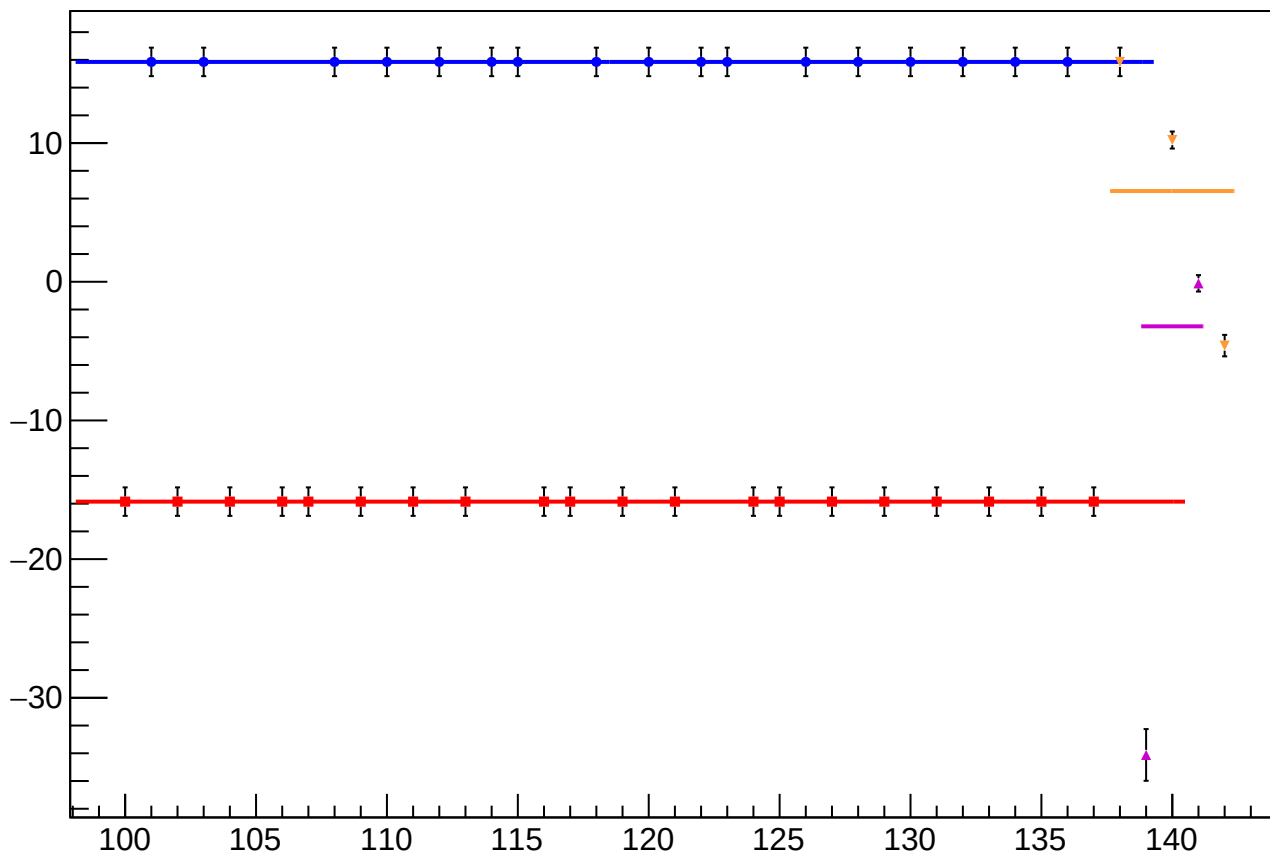
Left In: 17.308 $\pm$ 0.645 χ^2 /NDF:80.9/1

-39.855 $\pm$ 0.233 χ^2 /NDF: 324.4/19

0.923 $\pm$ 0.161 χ^2 /NDF: 60299.9/41

38.120 $\pm$ 0.222 χ^2 /NDF: 1261.4/21

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.853 ± 0.249 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 6.542 ± 0.436 $\chi^2/\text{NDF}: 324.9/2$

Right Out: -15.853 ± 0.230 $\chi^2/\text{NDF}: 0.0/19$

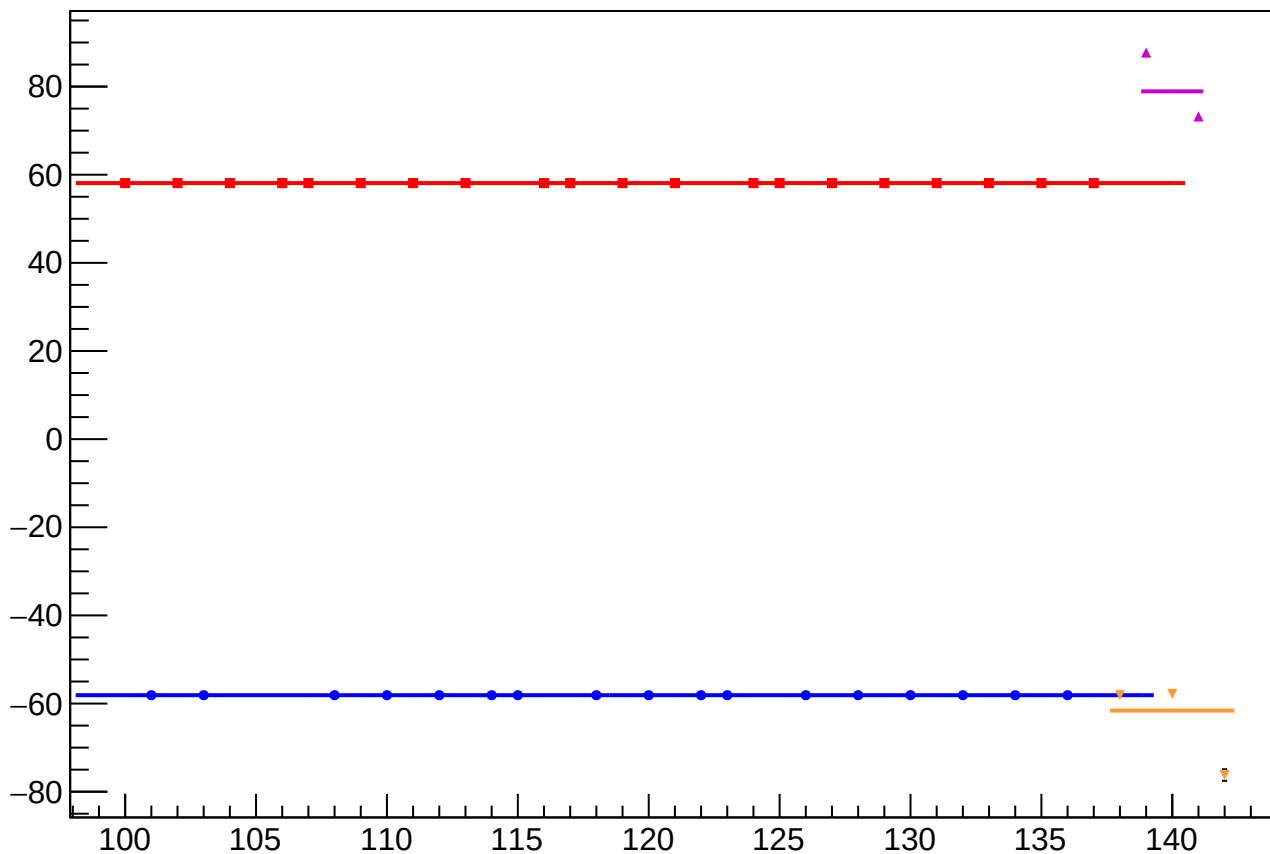
Left In: -3.214 ± 0.563 $\chi^2/\text{NDF}: 302.2/1$

13.562 ± 0.216 $\chi^2/\text{NDF}: 668.9/19$

-0.478 ± 0.152 $\chi^2/\text{NDF}: 9691.6/41$

-14.051 ± 0.213 $\chi^2/\text{NDF}: 734.1/21$

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.103+/-0.278 χ^2/NDF : 0.0/16

Left Out: -61.595+/-0.590 χ^2/NDF :154.6/2

Right Out: 58.103+/-0.257 χ^2/NDF : 0.0/19

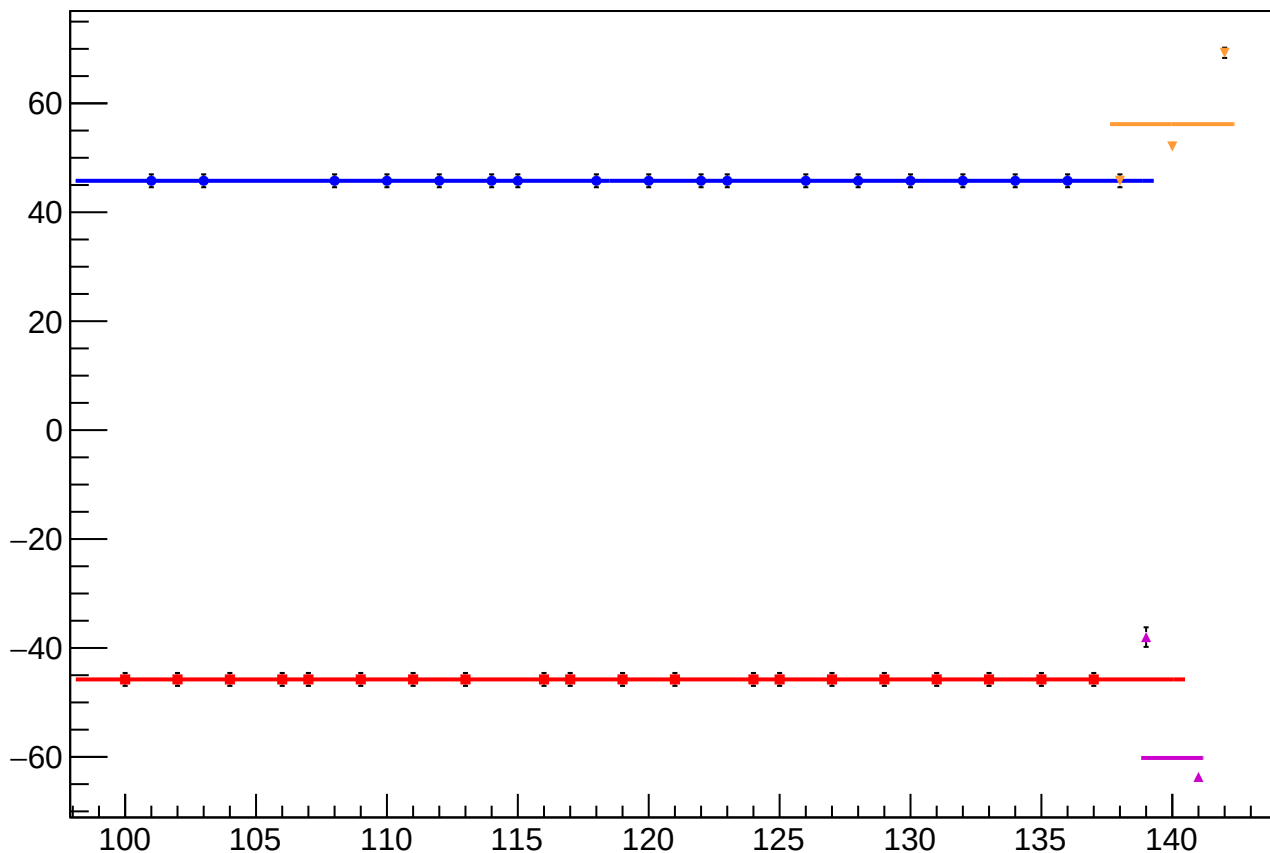
Left In: 78.914+/-0.690 χ^2/NDF :105.3/1

-58.740+/-0.252 χ^2/NDF : 183.3/19

3.648+/-0.174 χ^2/NDF : 118680.3/41

60.628+/-0.240 χ^2/NDF : 903.4/21

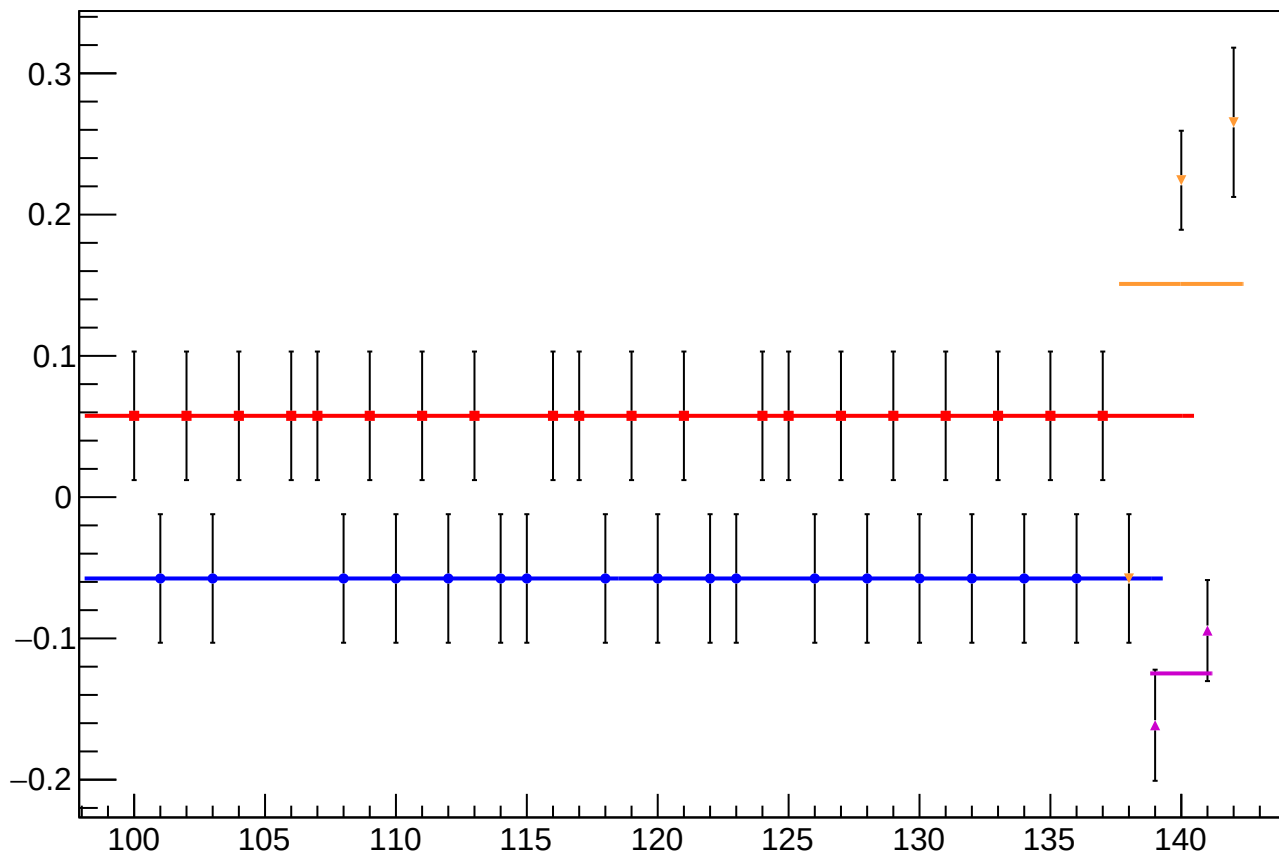
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.775 +/- 0.288 χ^2/NDF : 0.0/16
 Left Out: 56.179 +/- 0.523 χ^2/NDF : 301.7/2
 Right Out: -45.775 +/- 0.265 χ^2/NDF : 0.0/19
 Left In: -60.191 +/- 0.662 χ^2/NDF : 176.3/1

48.189 +/- 0.252 χ^2/NDF : 605.6/19
 -0.918 +/- 0.176 χ^2/NDF : 75395.7/41
 -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 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 0.151 ± 0.025 $\chi^2/\text{NDF}: 30.1/2$

Right Out: 0.058 ± 0.010 $\chi^2/\text{NDF}: 0.0/19$

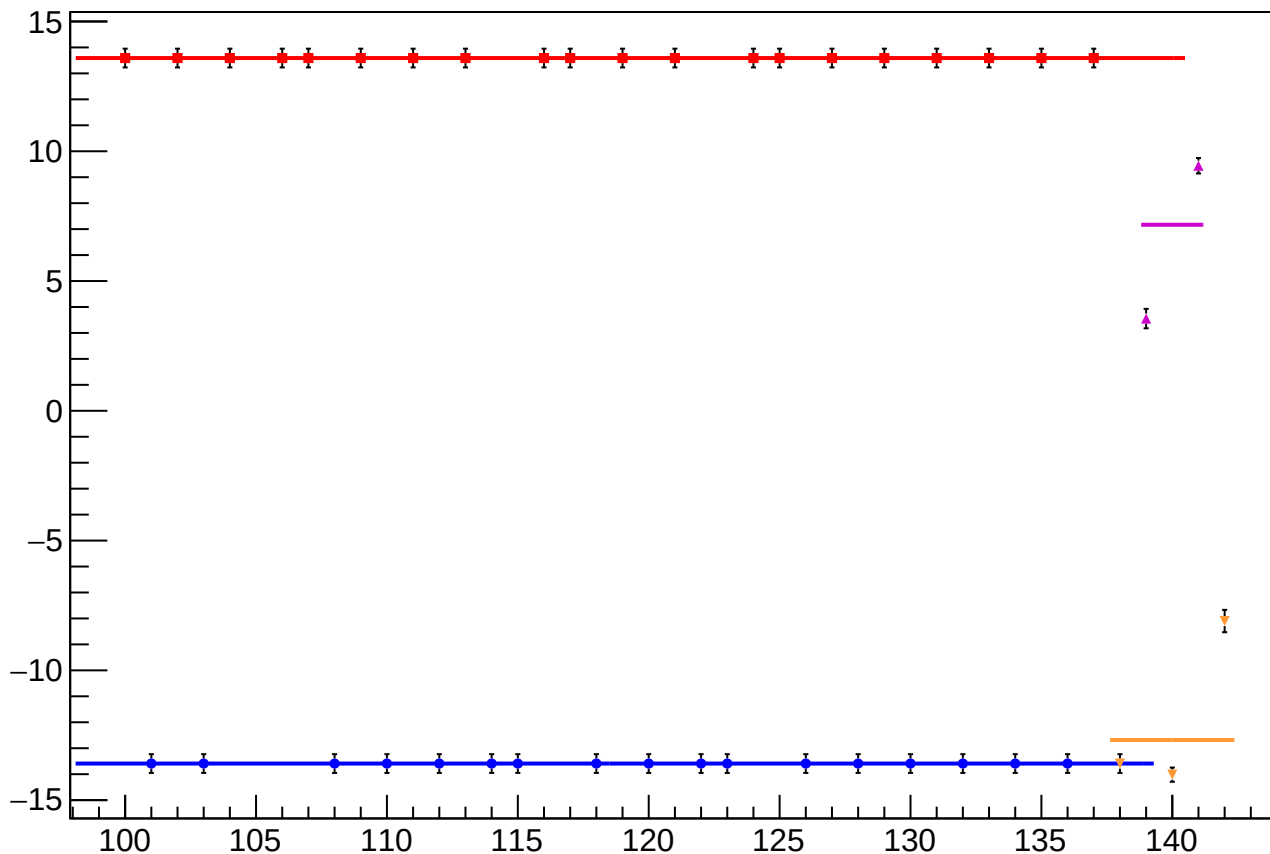
Left In: -0.125 ± 0.026 $\chi^2/\text{NDF}: 1.6/1$

-0.023 ± 0.010 $\chi^2/\text{NDF}: 90.0/19$

0.007 ± 0.007 $\chi^2/\text{NDF}: 149.7/41$

0.034 ± 0.009 $\chi^2/\text{NDF}: 43.0/21$

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.591 ± 0.088 χ^2/NDF : 0.0/16

Left Out: -12.682 ± 0.195 χ^2/NDF : 143.1/2

Right Out: 13.591 ± 0.081 χ^2/NDF : 0.0/19

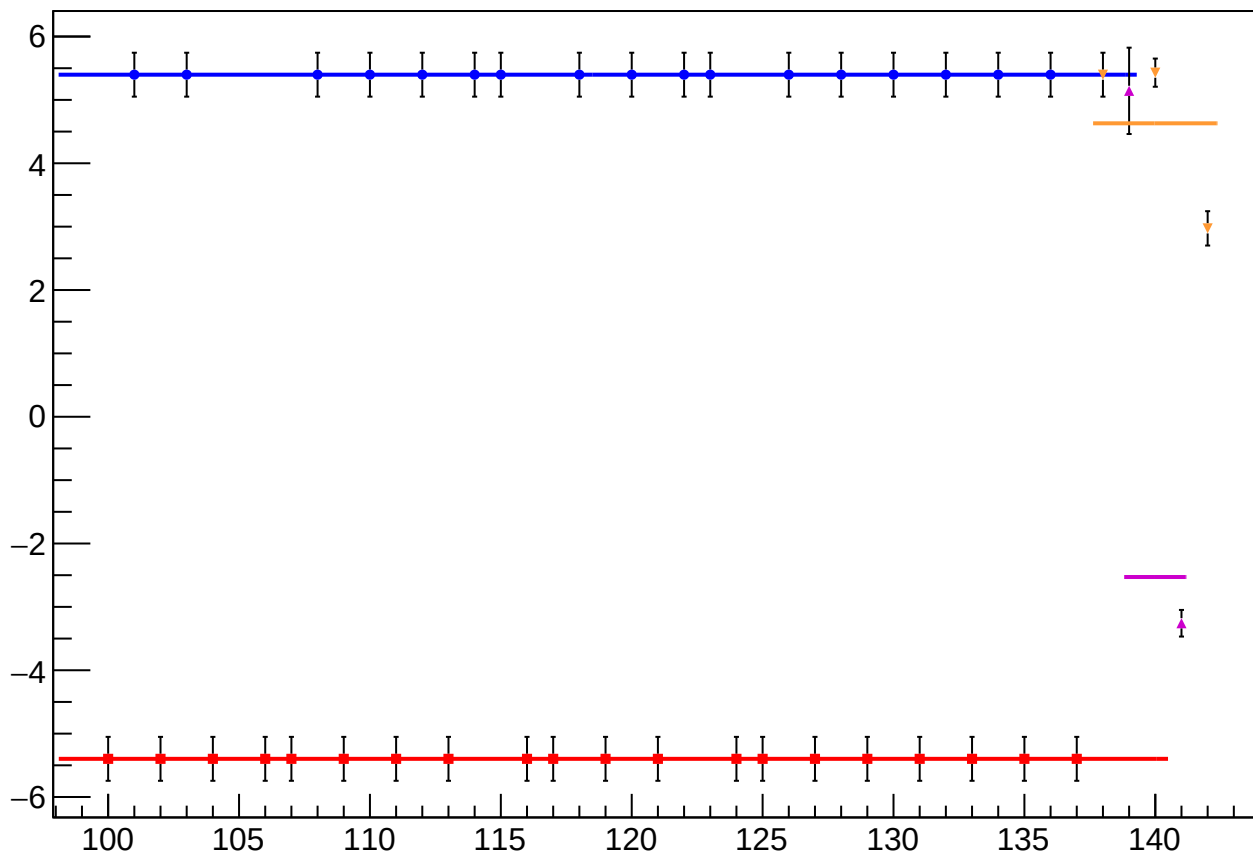
Left In: 7.167 ± 0.233 χ^2/NDF : 152.0/1

-13.438 ± 0.080 χ^2/NDF : 161.2/19

0.338 ± 0.055 χ^2/NDF : 57743.6/41

12.899 ± 0.076 χ^2/NDF : 832.6/21

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected

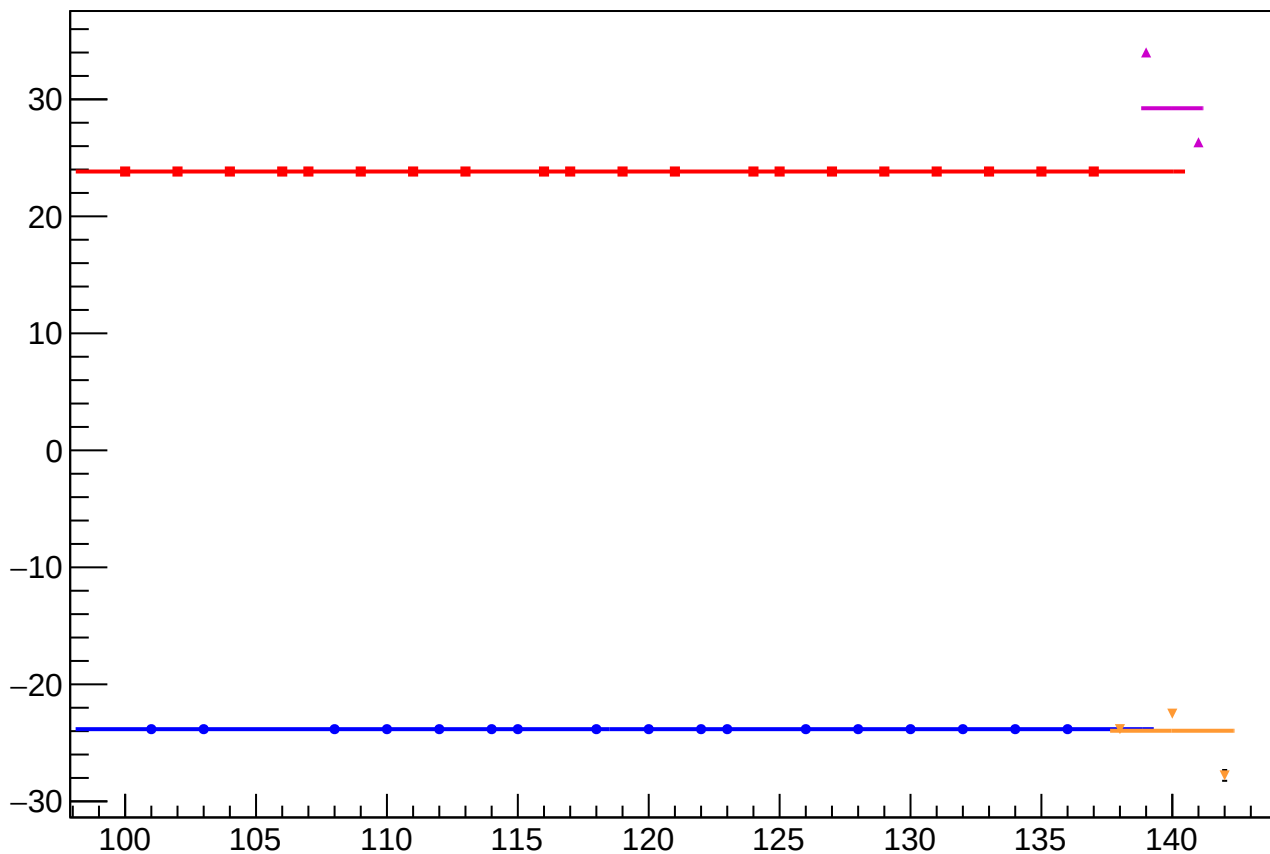


5.222 $\pm$ 0.074 $\chi^2/\text{NDF}: 74.4/19$

-0.006 $\pm$ 0.052 $\chi^2/\text{NDF}: 10232.3/41$

-5.026 $\pm$ 0.072 $\chi^2/\text{NDF}: 316.6/21$

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: -23.966 ± 0.209 χ^2/NDF : 93.5/2

Right Out: 23.831 ± 0.088 χ^2/NDF : 0.0/19

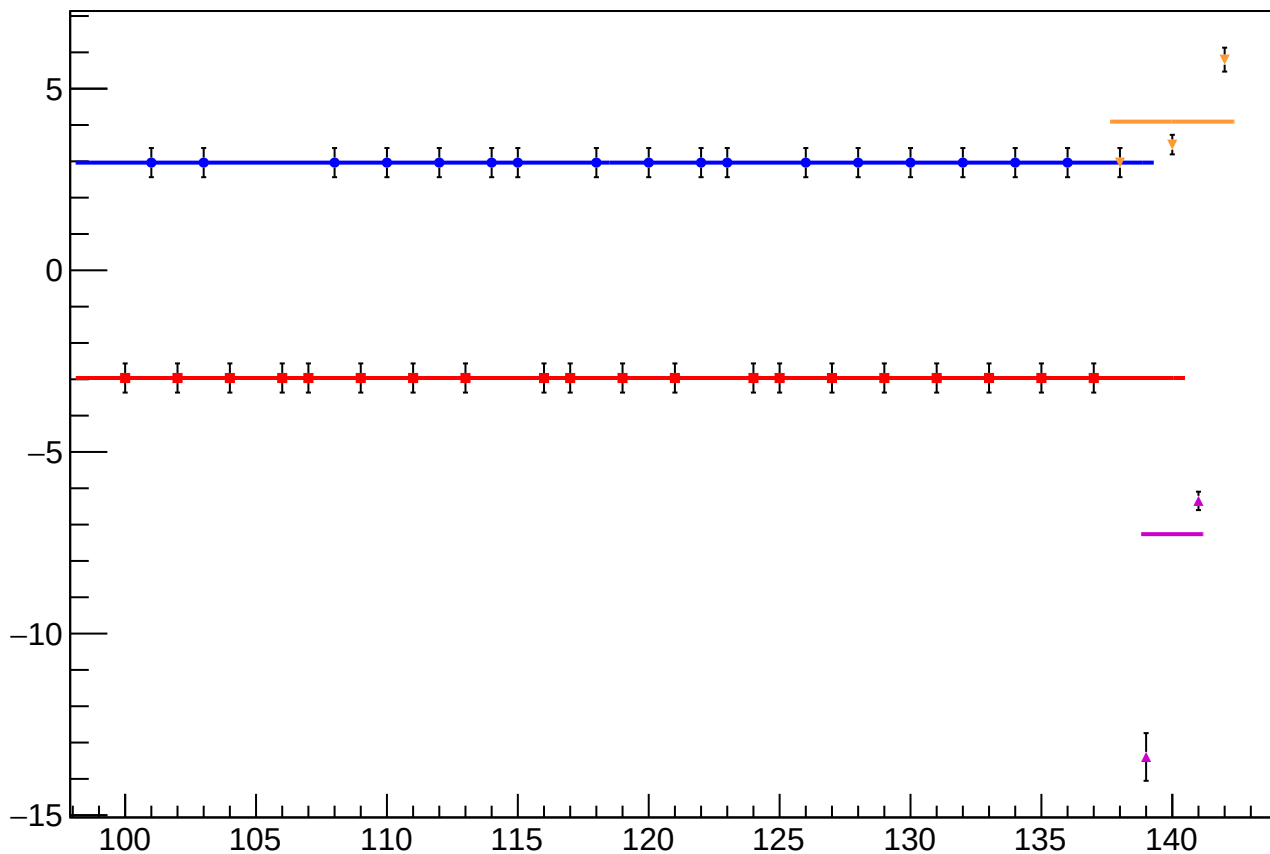
Left In: 29.239 ± 0.249 χ^2/NDF : 223.9/1

-23.854 ± 0.086 χ^2/NDF : 93.9/19

1.387 ± 0.060 χ^2/NDF : 163694.9/41

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: 4.093 $\pm$ 0.185 χ^2/NDF : 40.3/2

Right Out: -2.964 $\pm$ 0.090 χ^2/NDF : 0.0/19

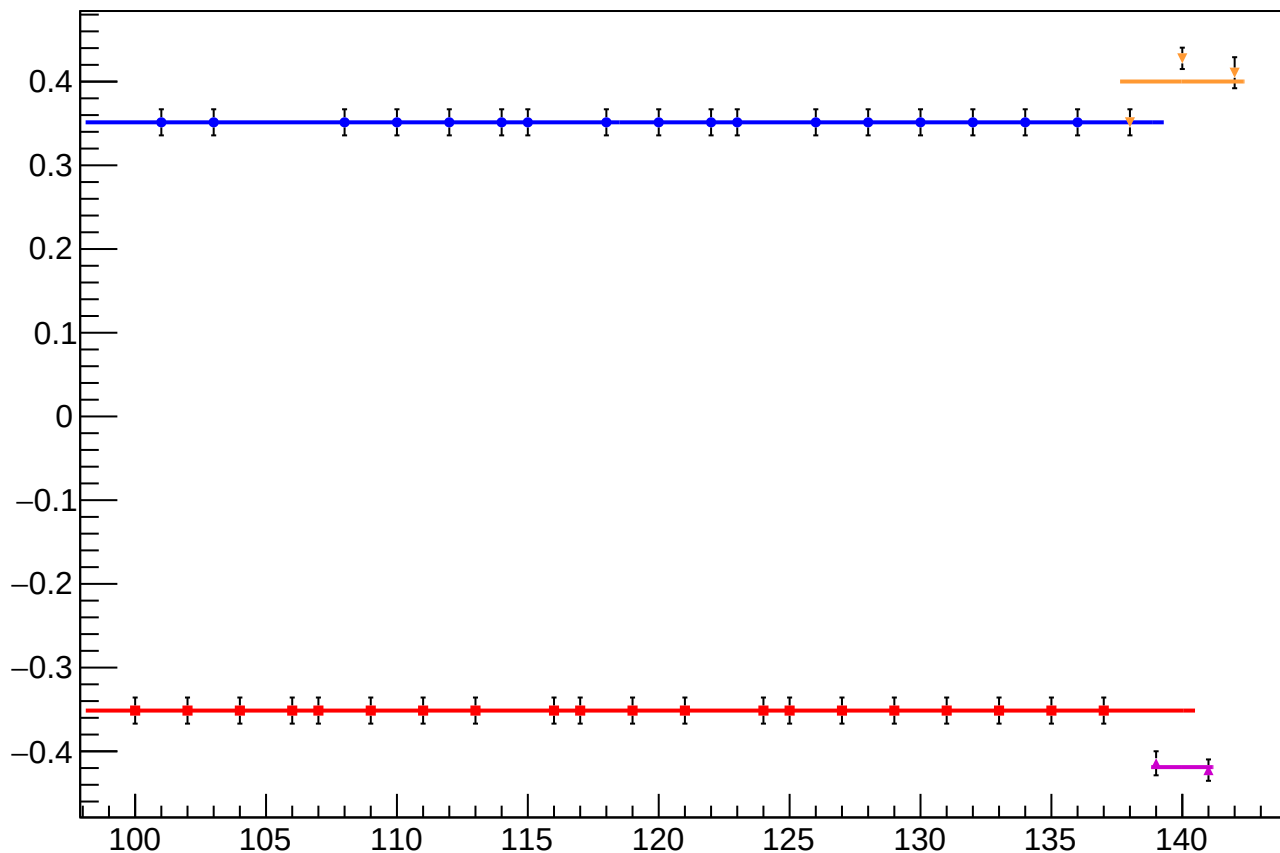
Left In: -7.263 $\pm$ 0.237 χ^2/NDF : 100.3/1

3.209 $\pm$ 0.086 χ^2/NDF : 69.5/19

-0.236 $\pm$ 0.060 χ^2/NDF : 3577.1/41

-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: 0.400 $\pm$ 0.009 χ^2 /NDF: 14.8/2

Right Out: -0.351 $\pm$ 0.003 χ^2 /NDF: 0.0/19

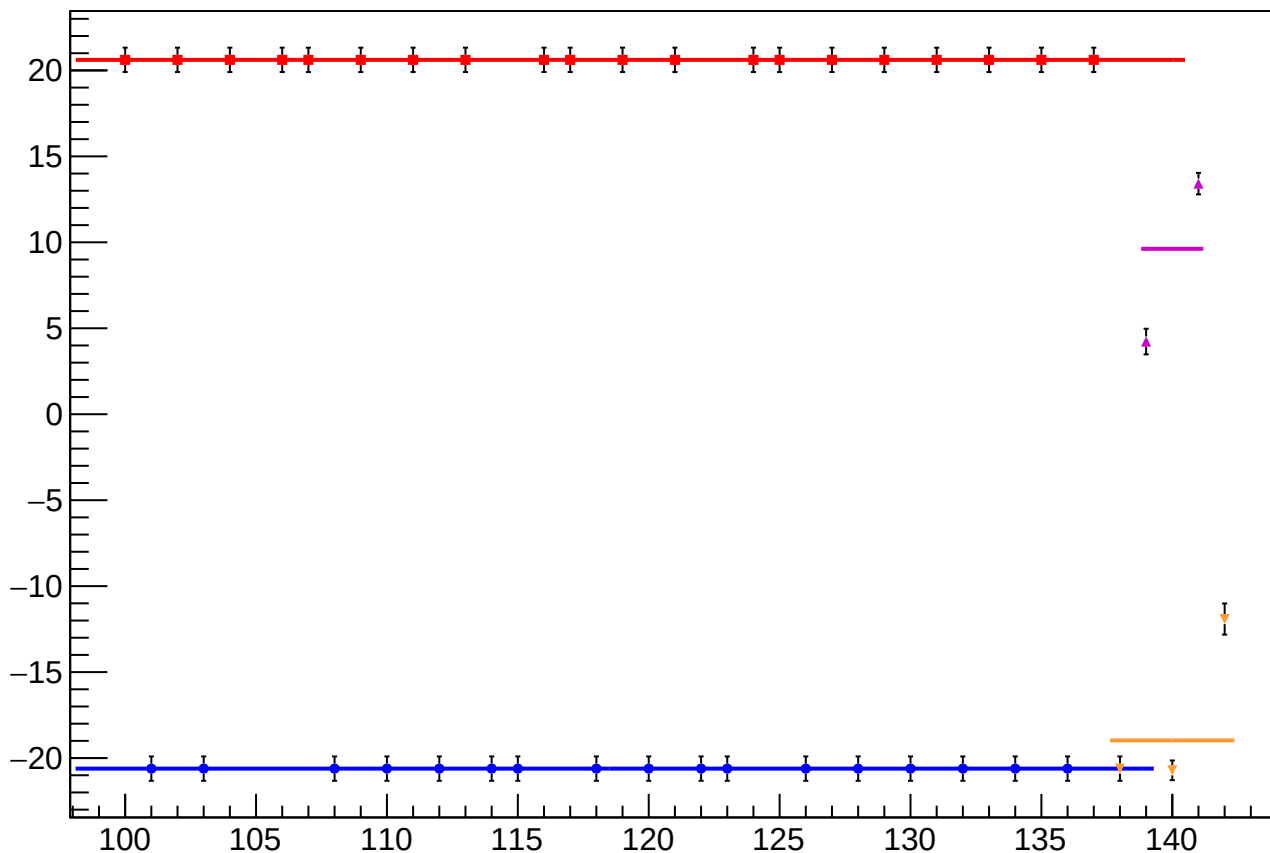
Left In: -0.419 $\pm$ 0.010 χ^2 /NDF: 0.2/1

0.359 $\pm$ 0.003 χ^2 /NDF: 41.2/19

-0.021 $\pm$ 0.002 χ^2 /NDF: 22771.5/41

-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: -18.974 ± 0.399 χ^2/NDF : 75.2/2

Right Out: 20.614 ± 0.158 χ^2/NDF : 0.0/19

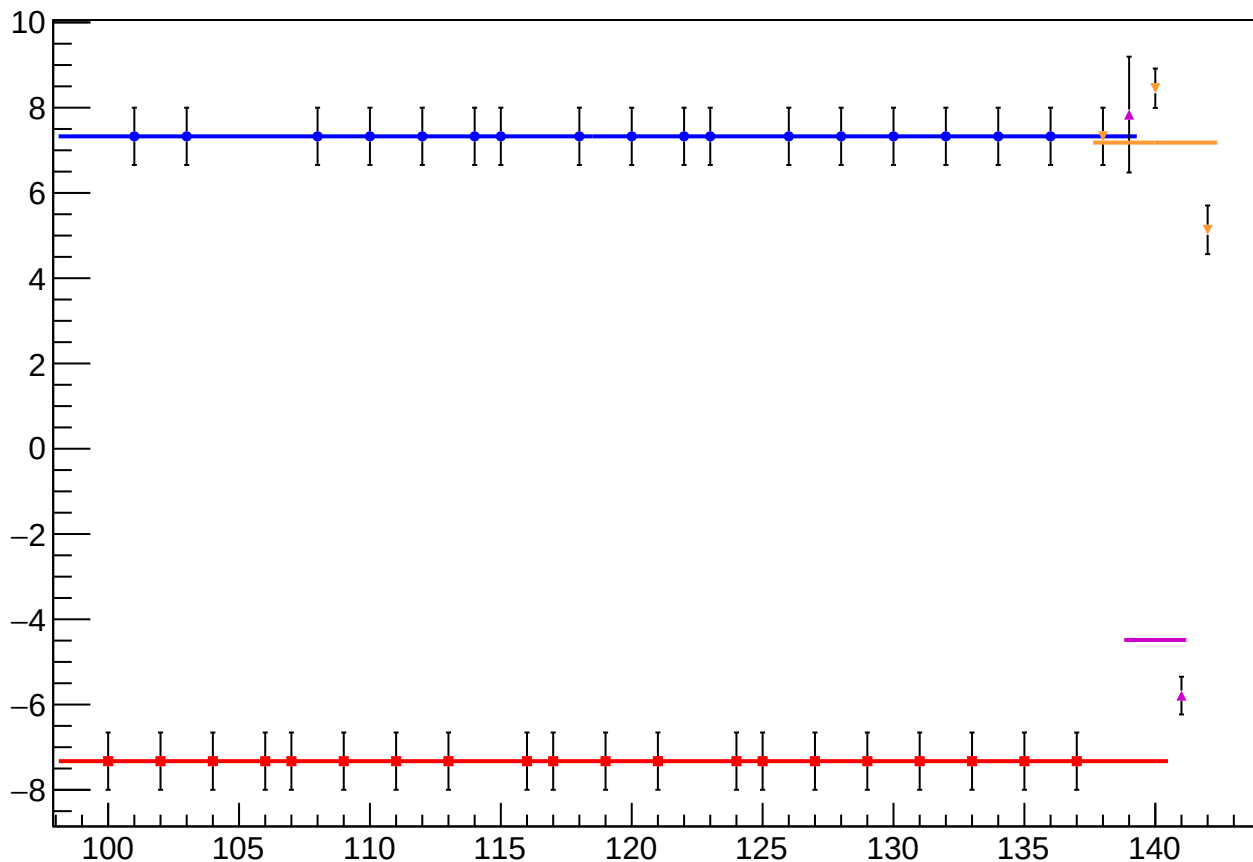
Left In: 9.622 ± 0.479 χ^2/NDF : 89.2/1

-20.357 ± 0.158 χ^2/NDF : 89.5/19

0.547 ± 0.109 χ^2/NDF : 34100.0/41

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 ± 0.163 χ^2/NDF : 0.0/16

Left Out: 7.180 ± 0.317 χ^2/NDF : 20.5/2

Right Out: -7.327 ± 0.150 χ^2/NDF : 0.0/19

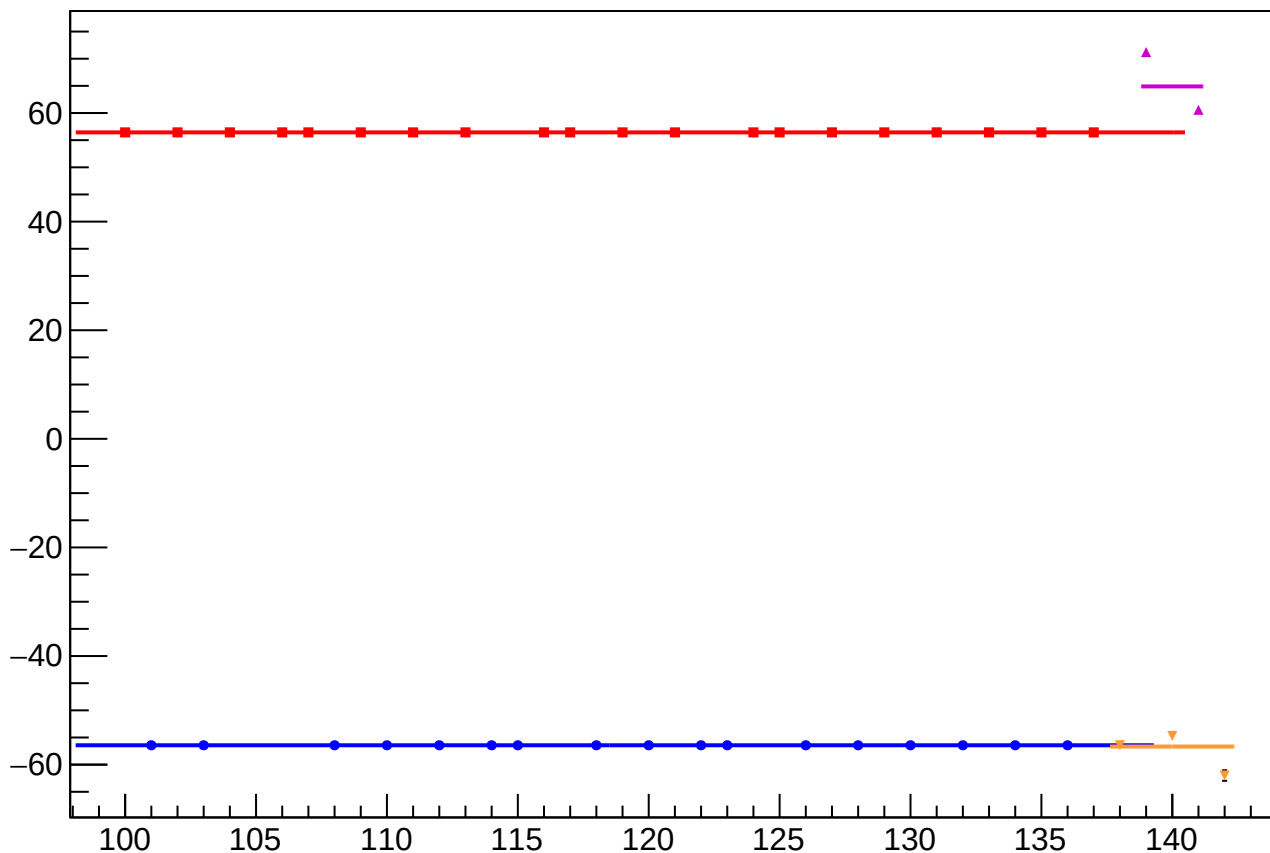
Left In: -4.485 ± 0.420 χ^2/NDF : 91.0/1

7.297 ± 0.145 χ^2/NDF : 20.7/19

-0.026 ± 0.101 χ^2/NDF : 5140.5/41

-7.005 ± 0.141 χ^2/NDF : 131.5/21

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.432 $\pm$ 0.186 χ^2 /NDF: 0.0/16

Left Out: -56.666 $\pm$ 0.428 χ^2 /NDF: 40.7/2

Right Out: 56.432 $\pm$ 0.172 χ^2 /NDF: 0.0/19

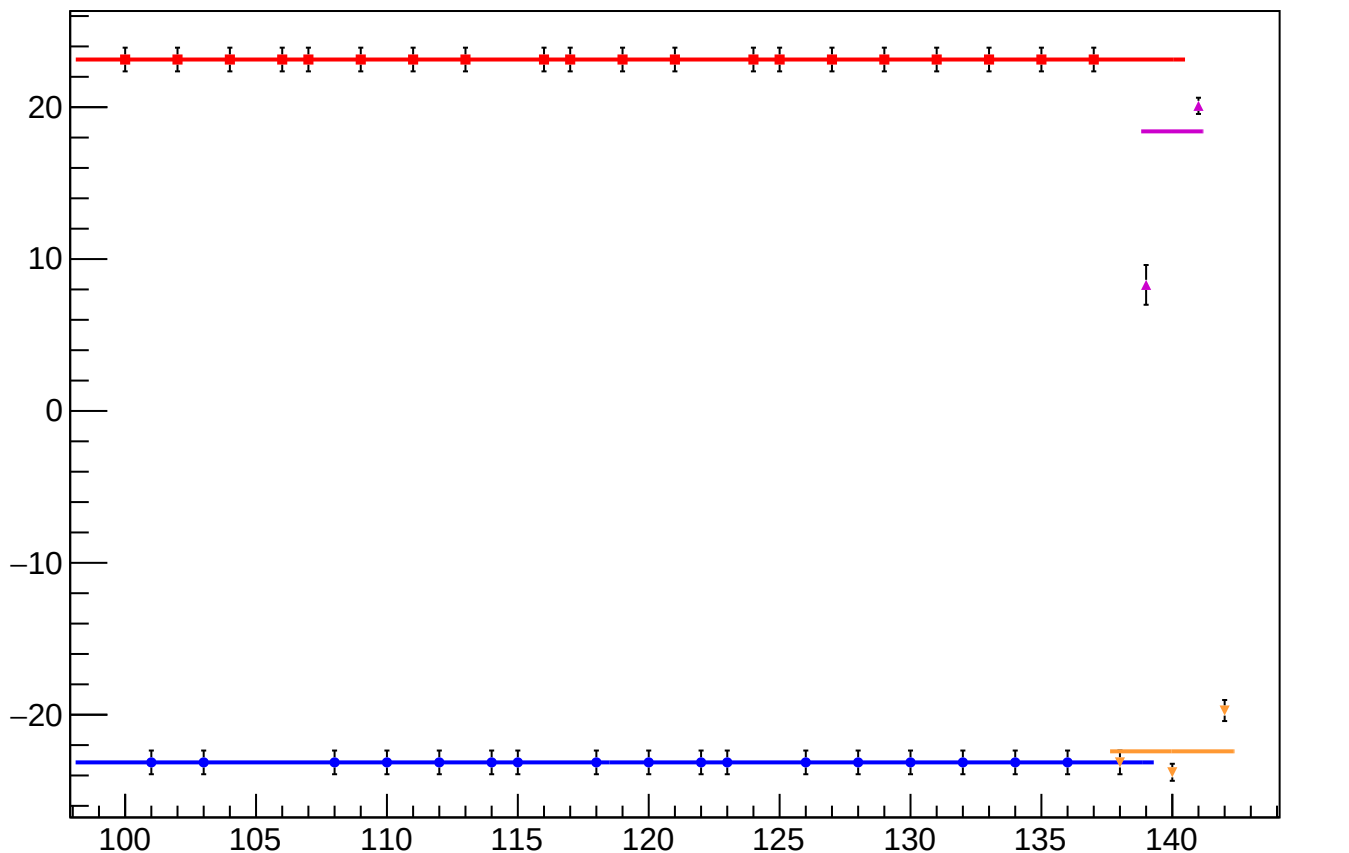
Left In: 64.897 $\pm$ 0.513 χ^2 /NDF: 103.6/1

-56.470 $\pm$ 0.171 χ^2 /NDF: 40.9/19

3.117 $\pm$ 0.118 χ^2 /NDF: 232775.4/41

57.286 $\pm$ 0.163 χ^2 /NDF: 348.6/21

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -23.138 ± 0.189 χ^2/NDF : 0.0/16

Left Out: -22.411 ± 0.380 χ^2/NDF : 22.0/2

Right Out: 23.138 ± 0.174 χ^2/NDF : 0.0/19

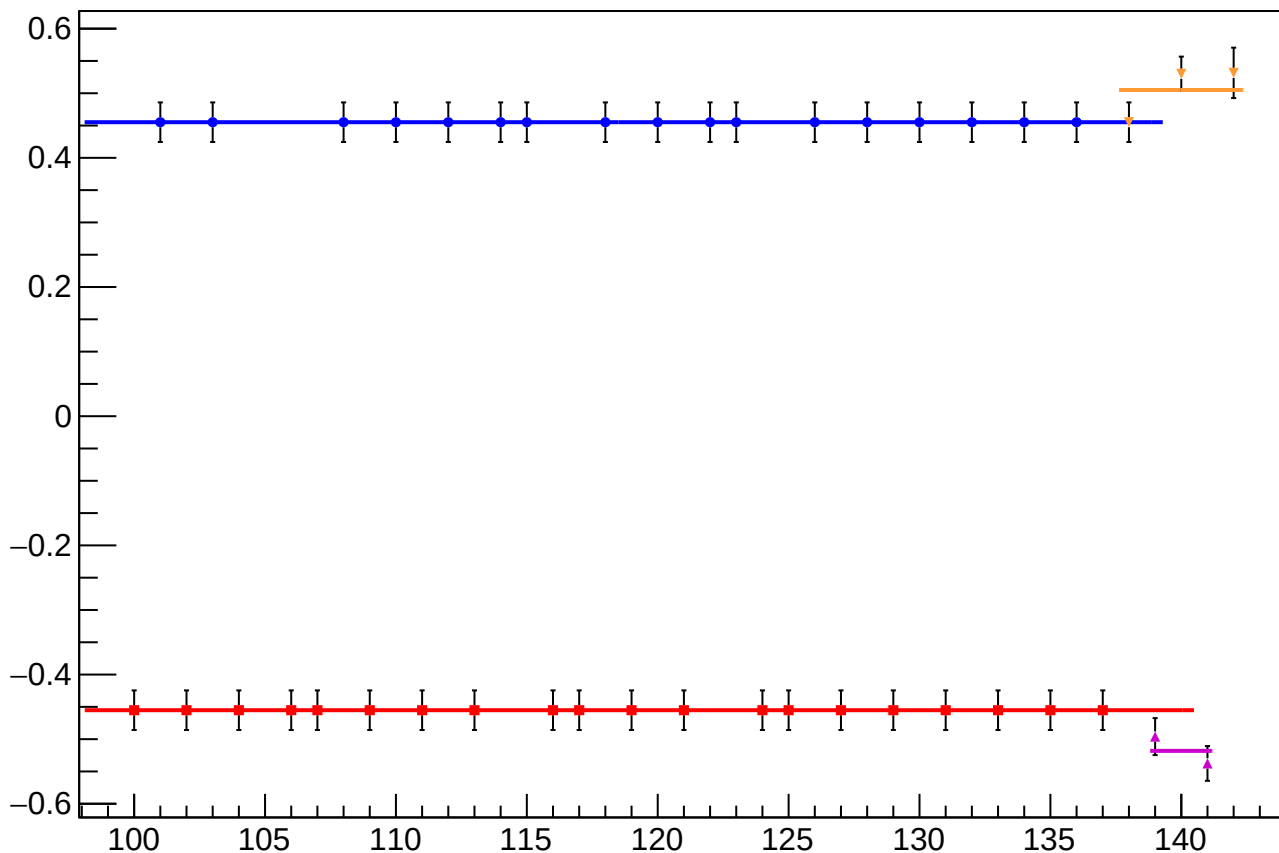
Left In: 18.407 ± 0.494 χ^2/NDF : 69.5/1

-22.994 ± 0.169 χ^2/NDF : 24.9/19

0.479 ± 0.118 χ^2/NDF : 37492.0/41

22.615 ± 0.164 χ^2/NDF : 151.0/21

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.455 $\pm$ 0.007 χ^2/NDF : 0.0/16

Left Out: 0.505 $\pm$ 0.018 χ^2/NDF : 4.0/2

Right Out: -0.455 $\pm$ 0.007 χ^2/NDF : 0.0/19

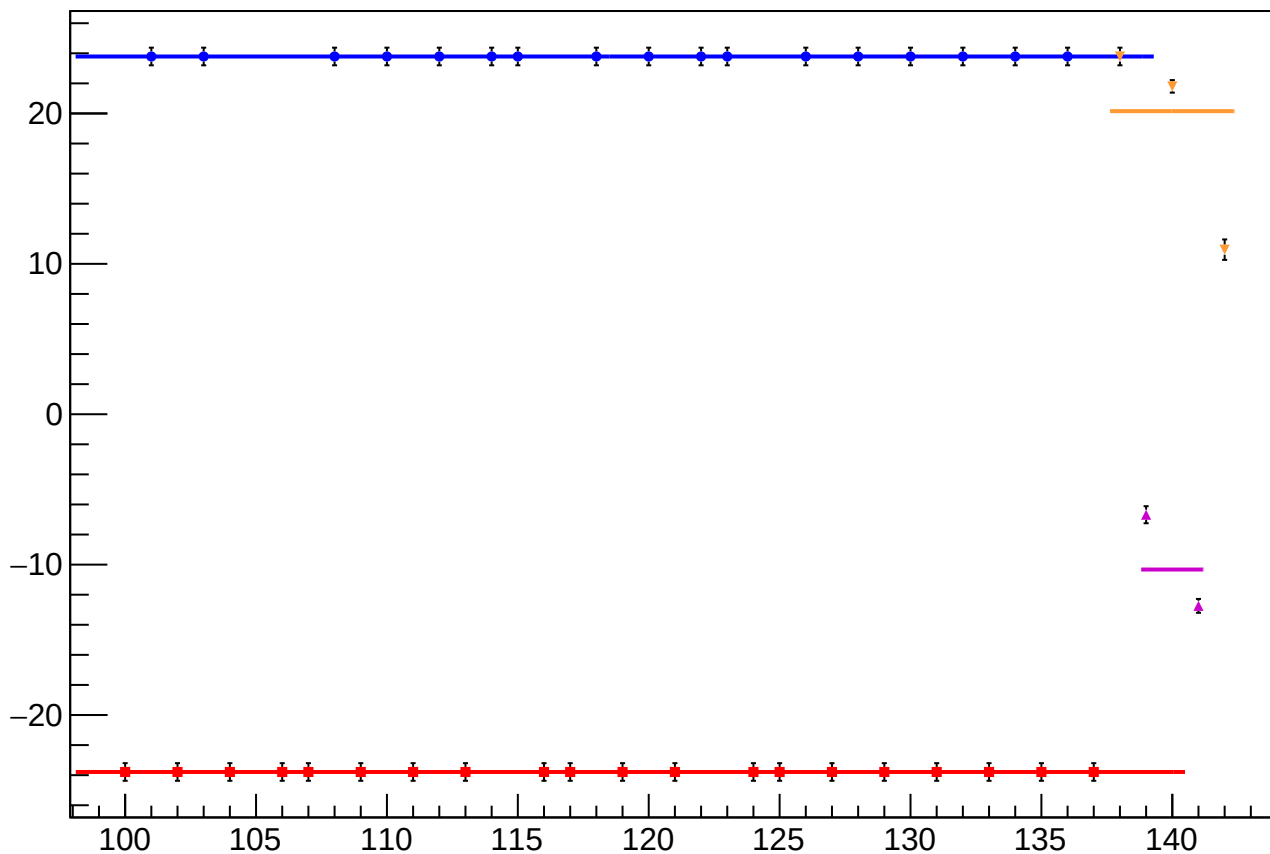
Left In: -0.518 $\pm$ 0.020 χ^2/NDF : 1.1/1

0.463 $\pm$ 0.007 χ^2/NDF : 10.7/19

-0.027 $\pm$ 0.005 χ^2/NDF : 9630.2/41

-0.462 $\pm$ 0.006 χ^2/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: 20.154 $\pm$ 0.304 χ^2 /NDF: 237.8/2

Right Out: -23.788 $\pm$ 0.131 χ^2 /NDF: 0.0/19

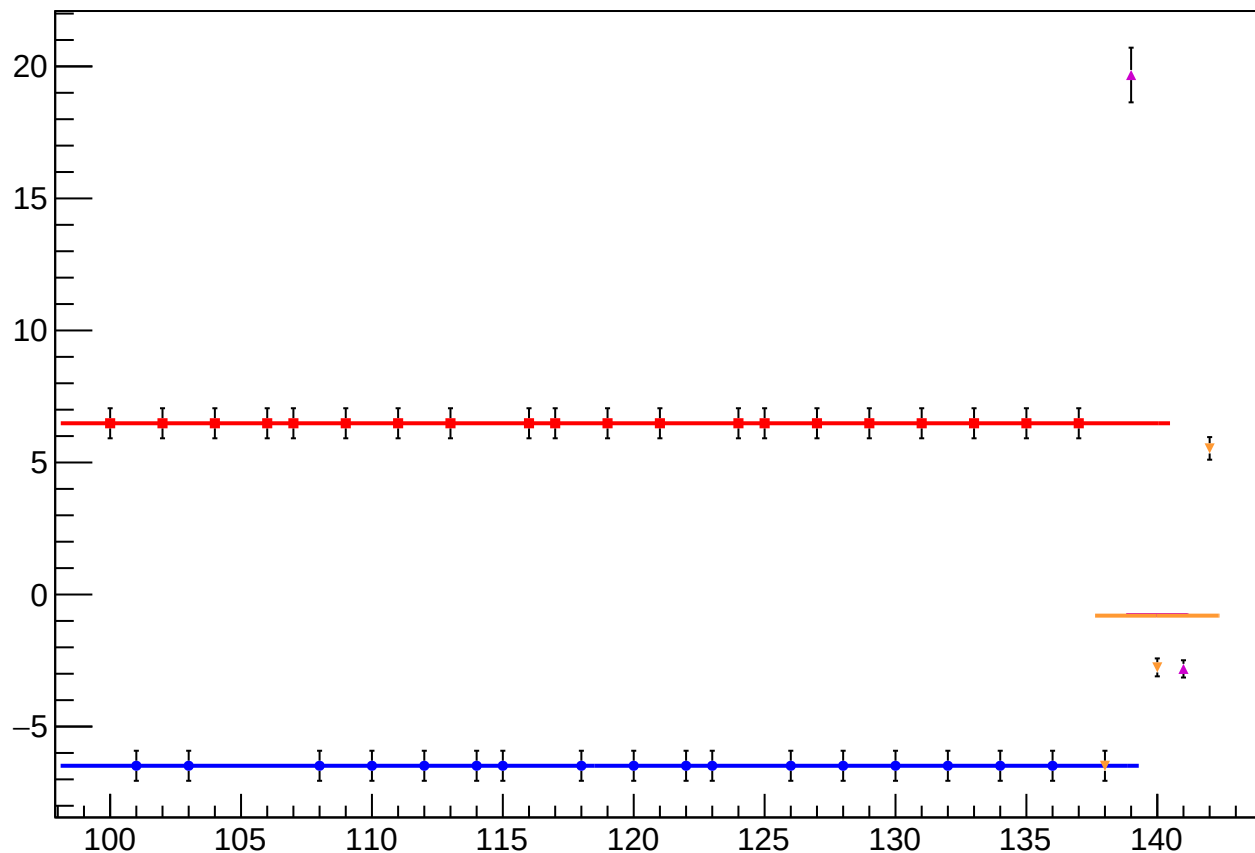
Left In: -10.327 $\pm$ 0.358 χ^2 /NDF: 68.8/1

23.136 $\pm$ 0.129 χ^2 /NDF: 354.8/19

-0.561 $\pm$ 0.089 χ^2 /NDF: 66322.4/41

-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 χ^2/NDF : 0.0/16

Left Out: -0.800+/-0.241 χ^2/NDF : 351.9/2

Right Out: 6.485+/-0.127 χ^2/NDF : 0.0/19

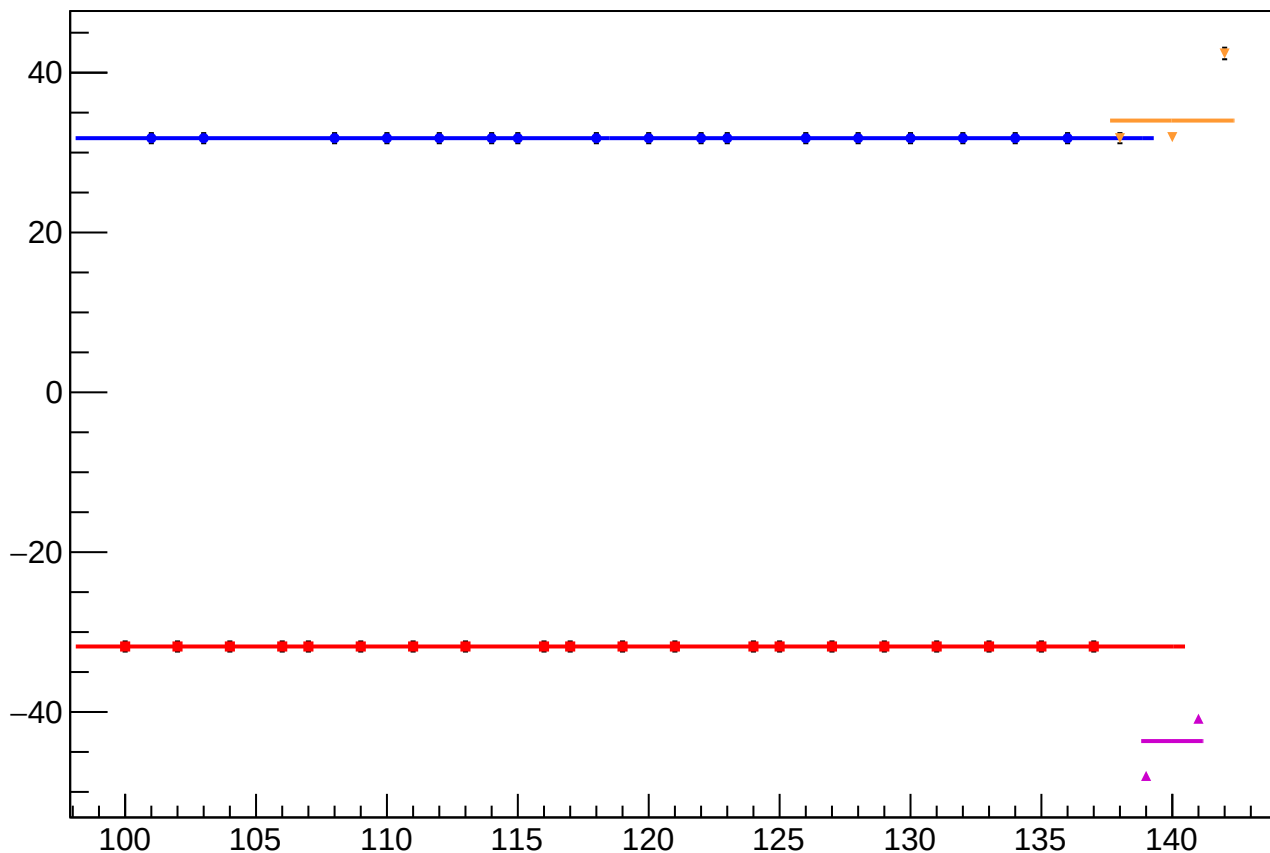
Left In: -0.777+/-0.312 χ^2/NDF : 429.1/1

-5.082+/-0.120 χ^2/NDF : 771.0/19

0.270+/-0.084 χ^2/NDF : 5594.2/41

5.449+/-0.118 χ^2/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: 34.006 $\pm$ 0.326 χ^2 /NDF:167.1/2

Right Out: -31.804 $\pm$ 0.142 χ^2 /NDF: 0.0/19

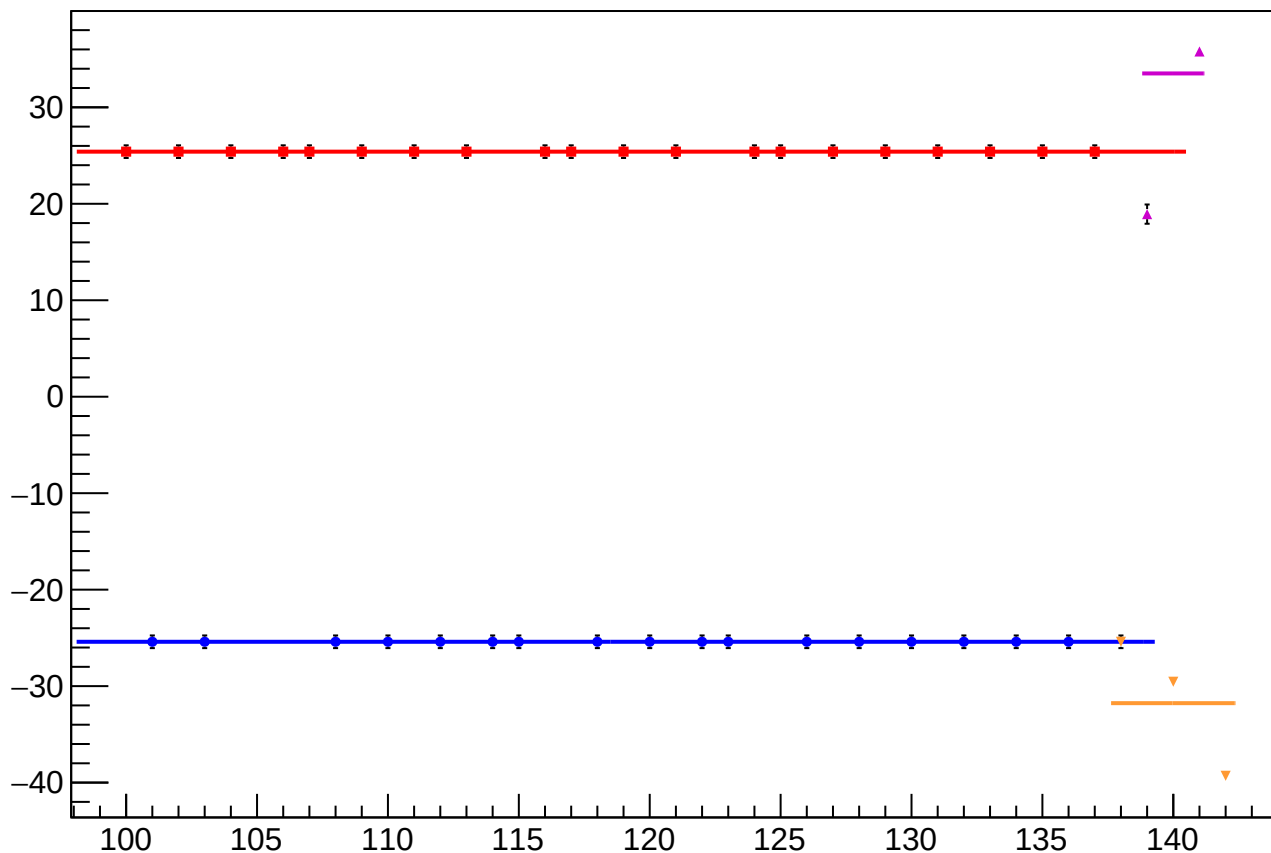
Left In: -43.639 $\pm$ 0.383 χ^2 /NDF:83.3/1

32.206 $\pm$ 0.139 χ^2 /NDF: 204.3/19

-1.987 $\pm$ 0.096 χ^2 /NDF: 116307.7/41

-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 ± 0.159 χ^2/NDF : 0.0/16

Left Out: -31.766 ± 0.289 χ^2/NDF : 333.1/2

Right Out: 25.404 ± 0.147 χ^2/NDF : 0.0/19

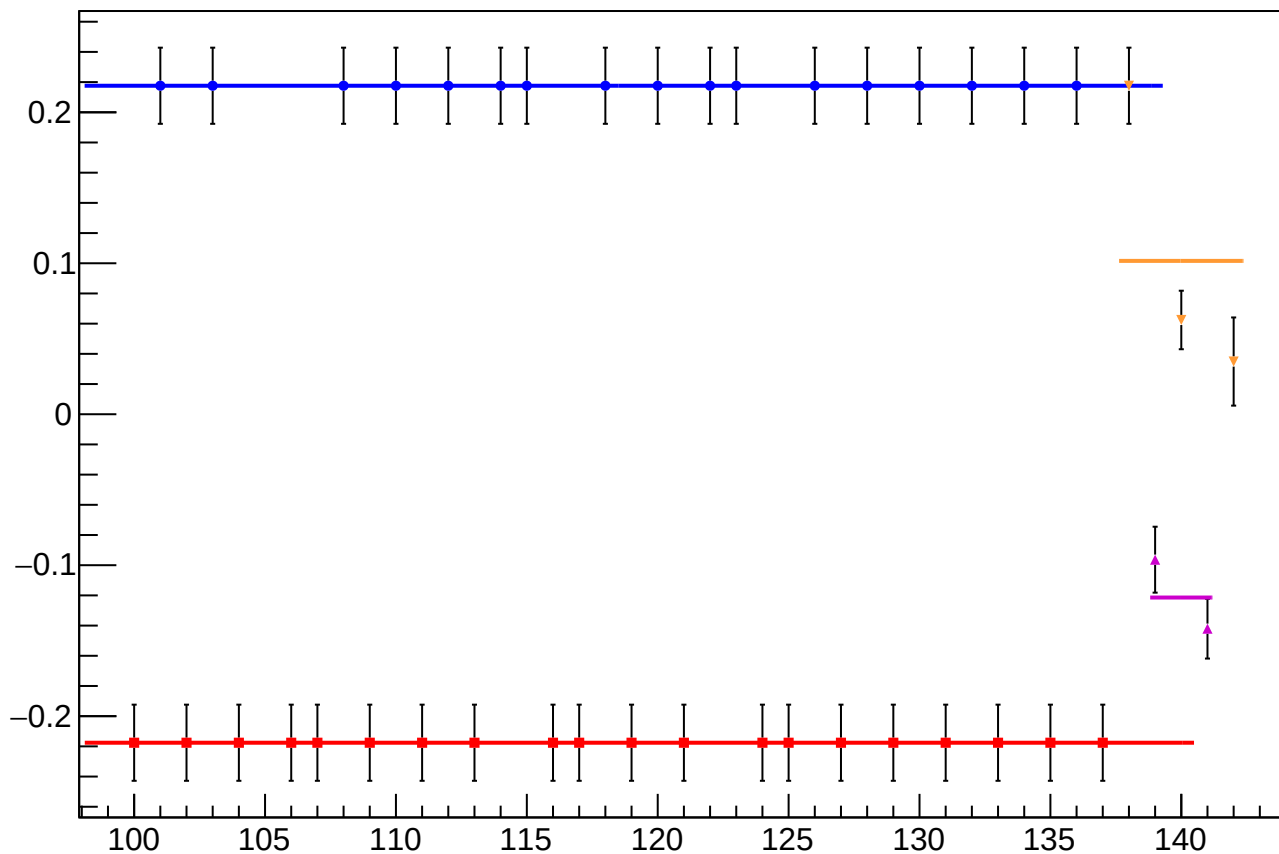
Left In: 33.512 ± 0.367 χ^2/NDF : 246.9/1

-26.885 ± 0.140 χ^2/NDF : 704.3/19

0.438 ± 0.098 χ^2/NDF : 76292.7/41

26.525 ± 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 $\pm$ 0.006 χ^2/NDF : 0.0/16

Left Out: 0.102 $\pm$ 0.014 χ^2/NDF : 30.5/2

Right Out: -0.218 $\pm$ 0.006 χ^2/NDF : 0.0/19

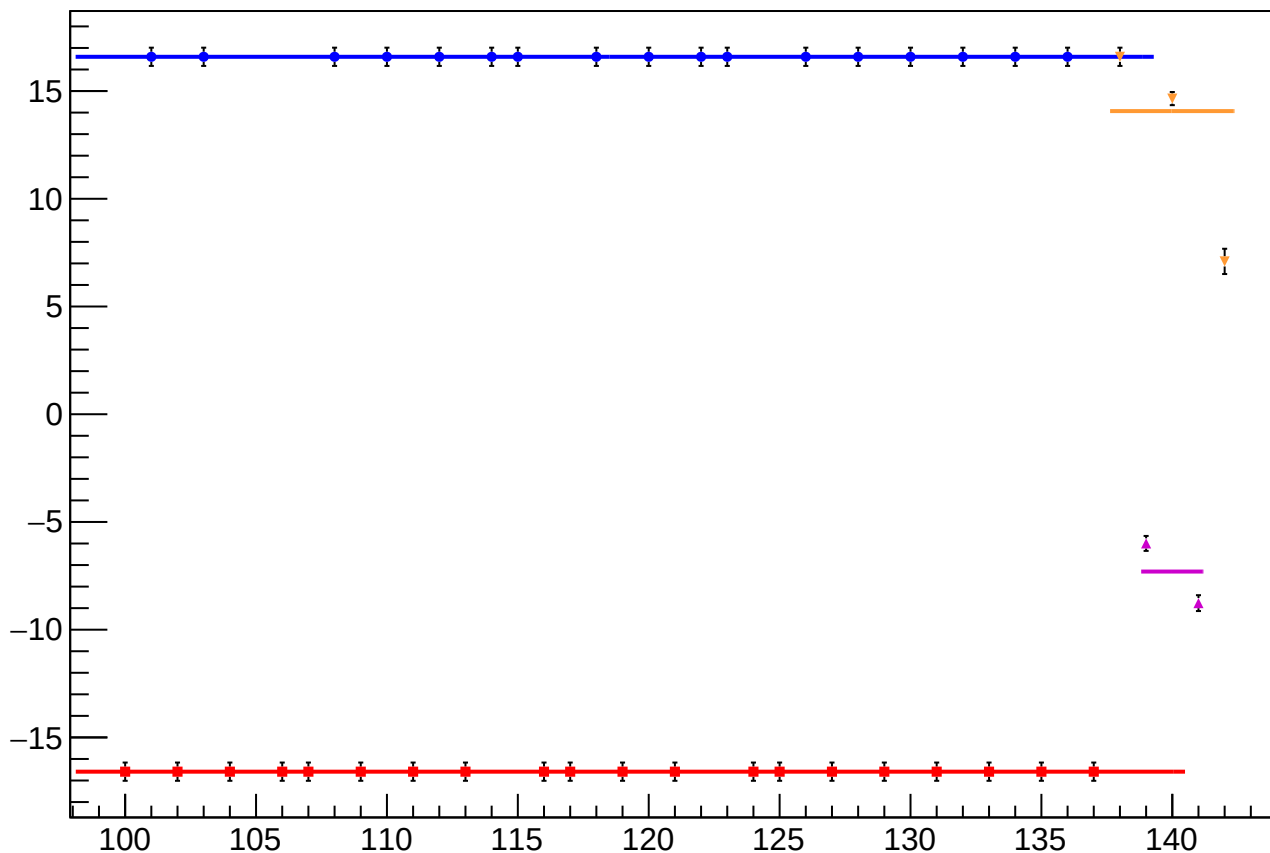
Left In: -0.121 $\pm$ 0.015 χ^2/NDF : 2.4/1

0.198 $\pm$ 0.006 χ^2/NDF : 91.0/19

-0.015 $\pm$ 0.004 χ^2/NDF : 2895.5/41

-0.205 $\pm$ 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: 14.070+/-0.228 χ^2 /NDF:180.4/2

Right Out: -16.590+/-0.095 χ^2 /NDF: 0.0/19

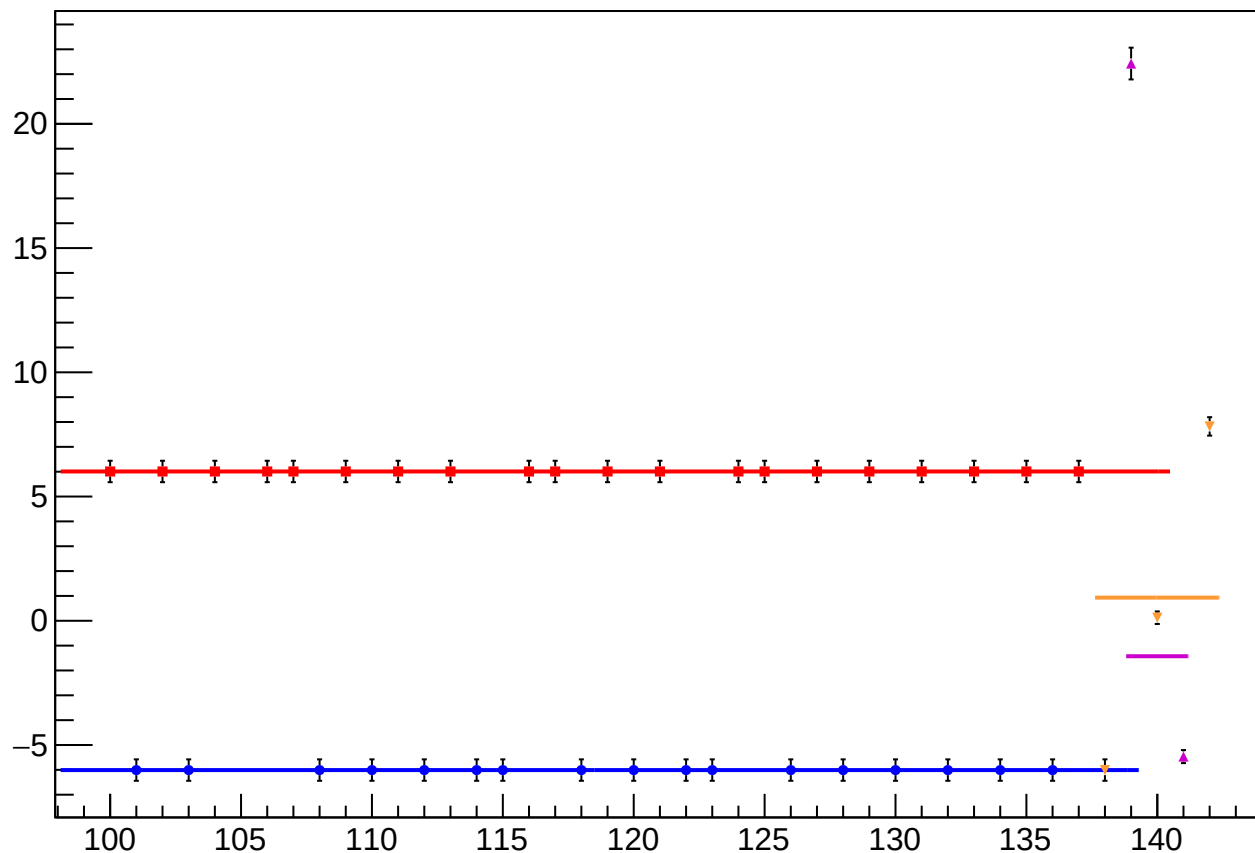
Left In: -7.302+/-0.252 χ^2 /NDF:30.0/1

16.165+/-0.094 χ^2 /NDF: 281.8/19

-0.505+/-0.064 χ^2 /NDF: 61526.7/41

-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 χ^2 /NDF: 0.0/16

Left Out: 0.932±/0.188 χ^2 /NDF: 613.1/2

Right Out: 6.009±/0.096 χ^2 /NDF: 0.0/19

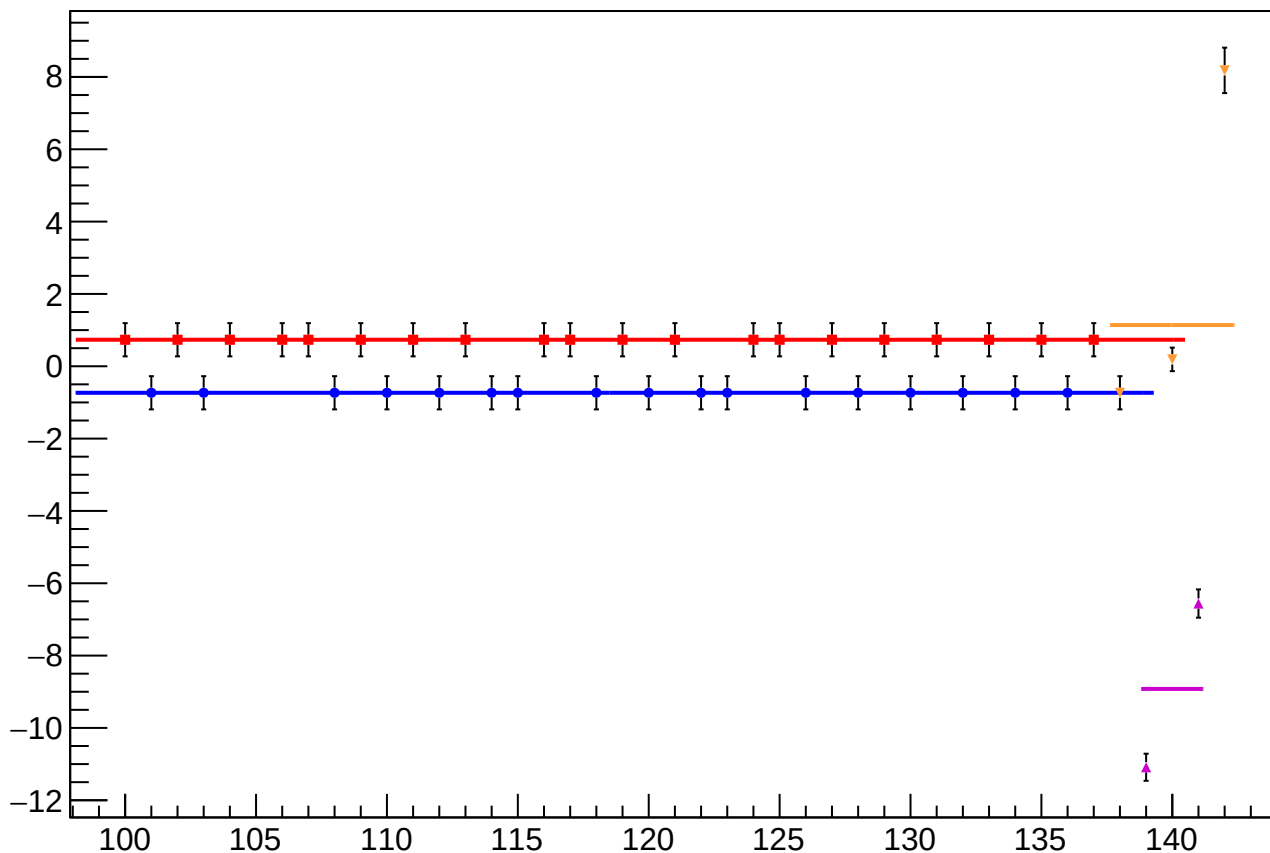
Left In: -1.427±/0.243 χ^2 /NDF: 1629.6/1

-4.368±/0.091 χ^2 /NDF: 1652.9/19

0.406±/0.064 χ^2 /NDF: 9437.9/41

4.997±/0.090 χ^2 /NDF: 2437.8/21

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.733 ± 0.111 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 1.140 ± 0.245 $\chi^2/\text{NDF}: 150.9/2$

Right Out: 0.733 ± 0.103 $\chi^2/\text{NDF}: 0.0/19$

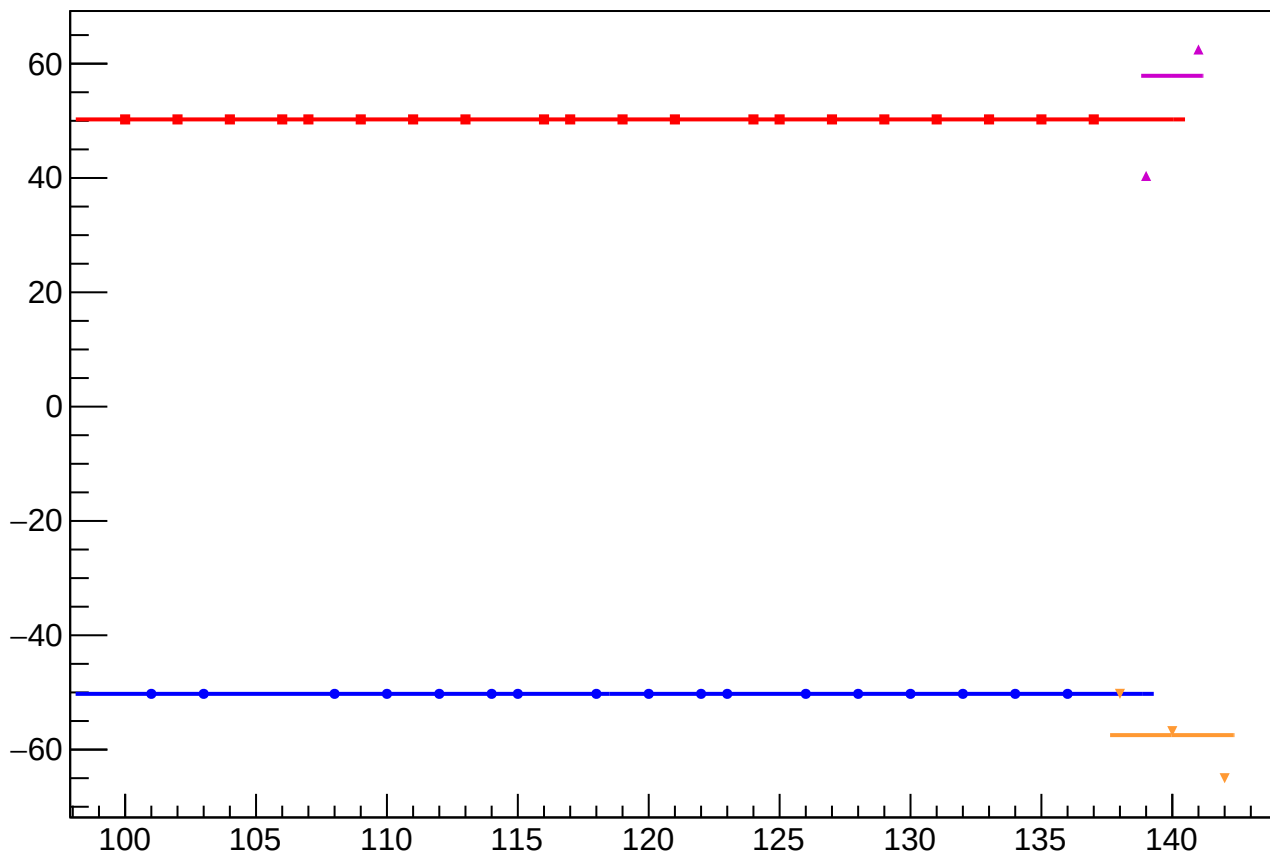
Left In: -8.921 ± 0.271 $\chi^2/\text{NDF}: 69.9/1$

-0.411 ± 0.101 $\chi^2/\text{NDF}: 199.5/19$

-0.449 ± 0.070 $\chi^2/\text{NDF}: 1382.8/41$

-0.483 ± 0.096 $\chi^2/\text{NDF}: 1183.1/21$

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -50.248 $\pm$ 0.119 χ^2 /NDF: 0.0/16

Left Out: -57.467 $\pm$ 0.224 χ^2 /NDF: 502.2/2

Right Out: 50.248 $\pm$ 0.110 χ^2 /NDF: 0.0/19

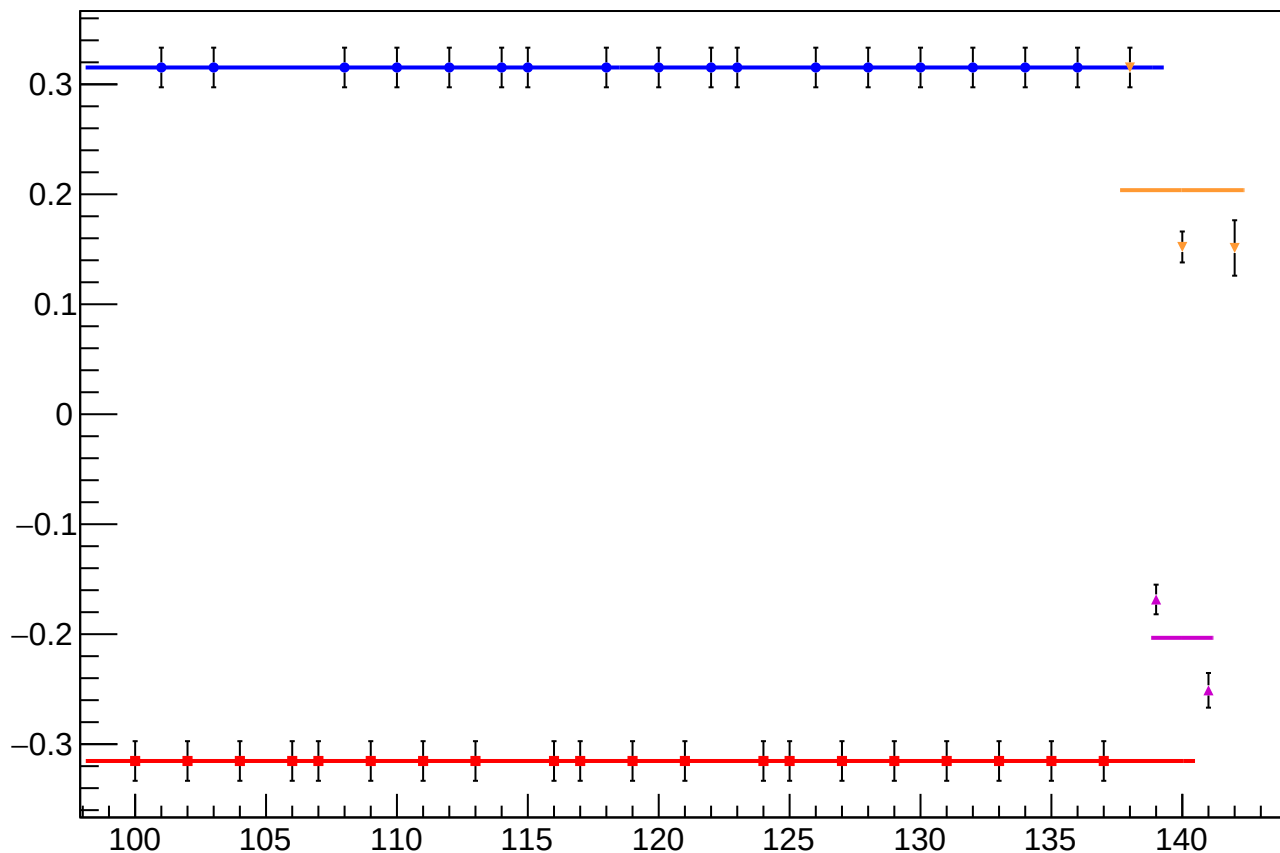
Left In: 57.878 $\pm$ 0.281 χ^2 /NDF: 1020.4/1

-51.837 $\pm$ 0.105 χ^2 /NDF: 1308.8/19

1.160 $\pm$ 0.073 χ^2 /NDF: 495712.4/41

51.260 $\pm$ 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: 0.204 ± 0.010 χ^2/NDF : 56.2/2

Right Out: -0.315 ± 0.004 χ^2/NDF : 0.0/19

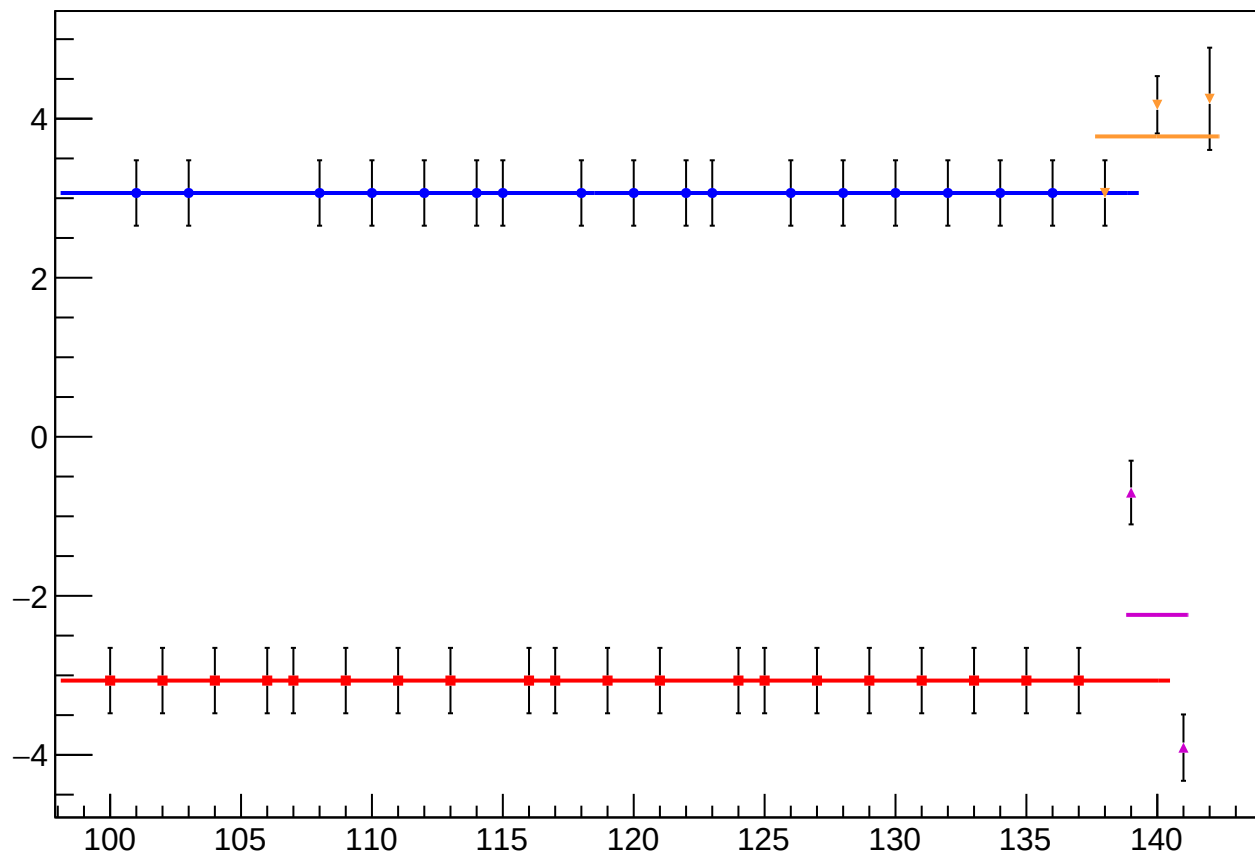
Left In: -0.203 ± 0.010 χ^2/NDF : 15.9/1

0.298 ± 0.004 χ^2/NDF : 158.0/19

-0.022 ± 0.003 χ^2/NDF : 12138.9/41

-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: 3.777 ± 0.250 χ^2/NDF : 4.8/2

Right Out: -3.066 ± 0.092 χ^2/NDF : 0.0/19

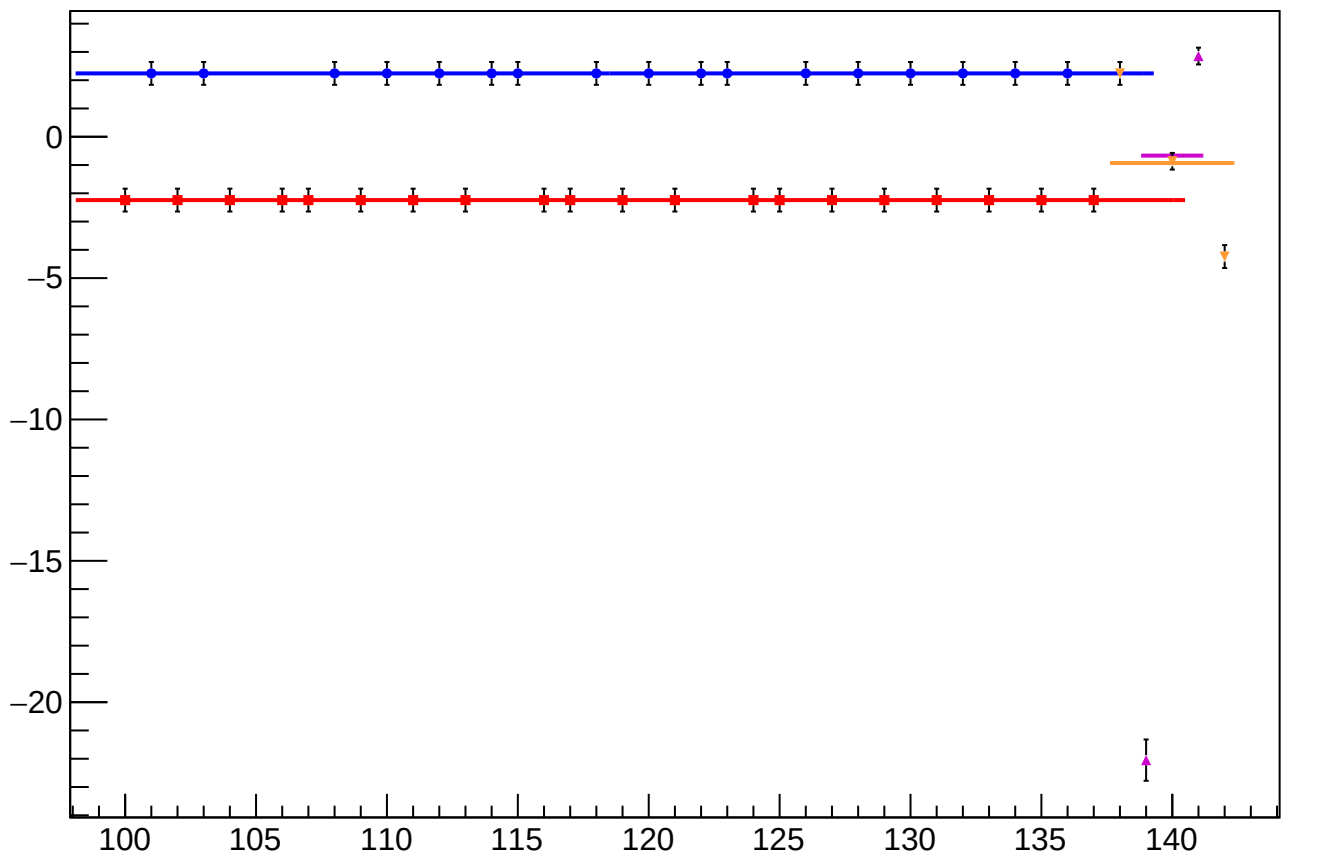
Left In: -2.239 ± 0.289 χ^2/NDF : 30.8/1

3.163 ± 0.093 χ^2/NDF : 11.7/19

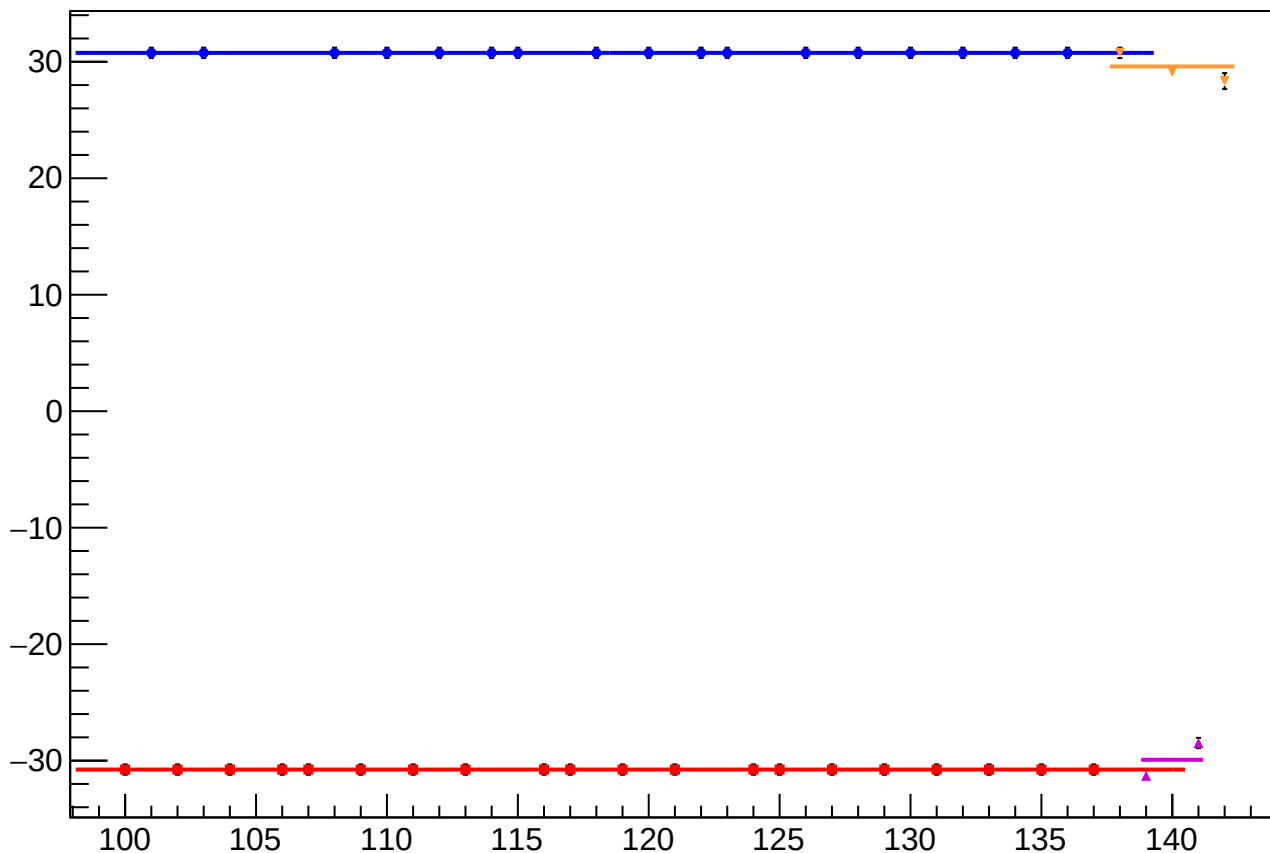
-0.084 ± 0.064 χ^2/NDF : 2378.6/41

-2.990 ± 0.088 χ^2/NDF : 38.2/21

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 29.601+/-0.268 χ^2/NDF : 11.7/2

Right Out: -30.765+/-0.100 χ^2/NDF : 0.0/19

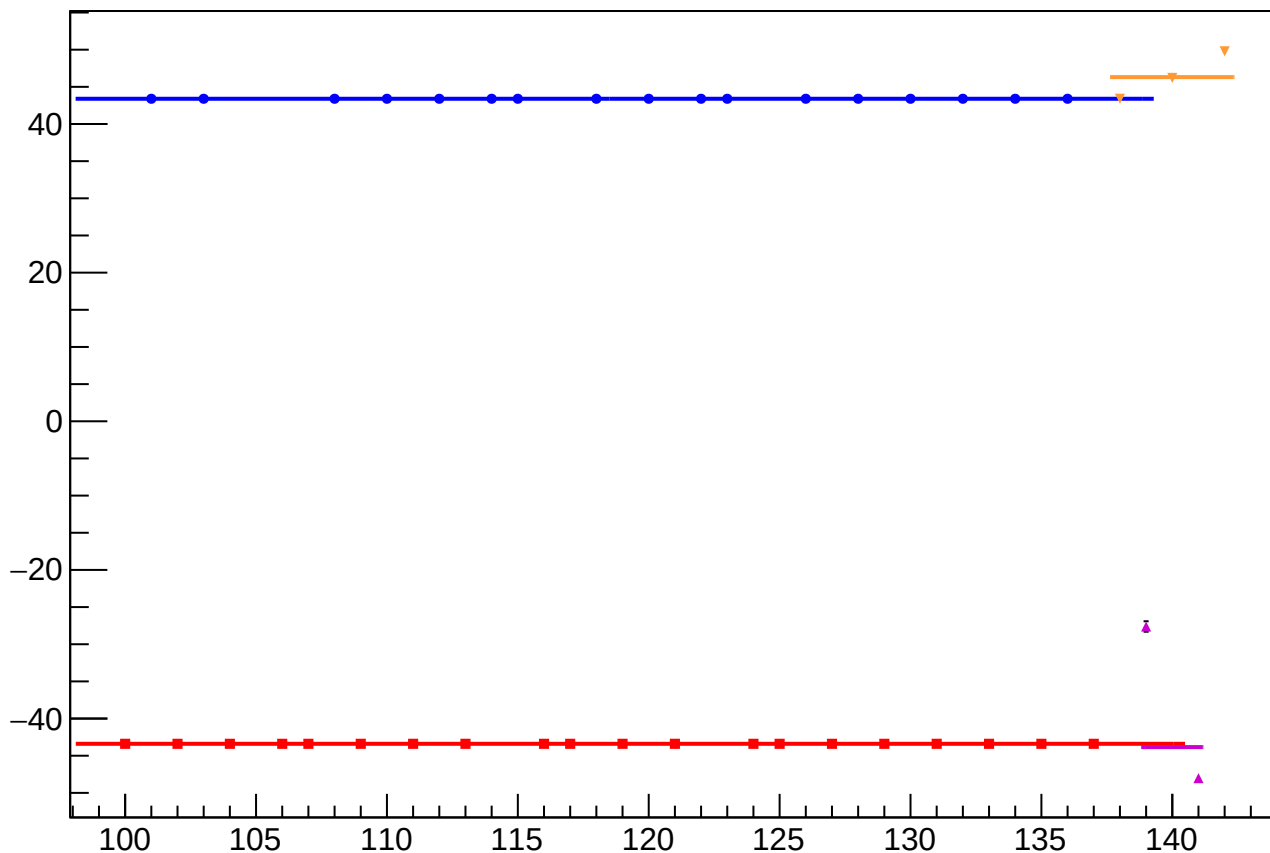
Left In: -29.927+/-0.310 χ^2/NDF : 20.6/1

30.602+/-0.100 χ^2/NDF : 27.9/19

-1.730+/-0.069 χ^2/NDF : 197138.4/41

-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: 46.309 $\pm$ 0.245 χ^2 /NDF: 89.1/2

Right Out: -43.396 $\pm$ 0.104 χ^2 /NDF: 0.0/19

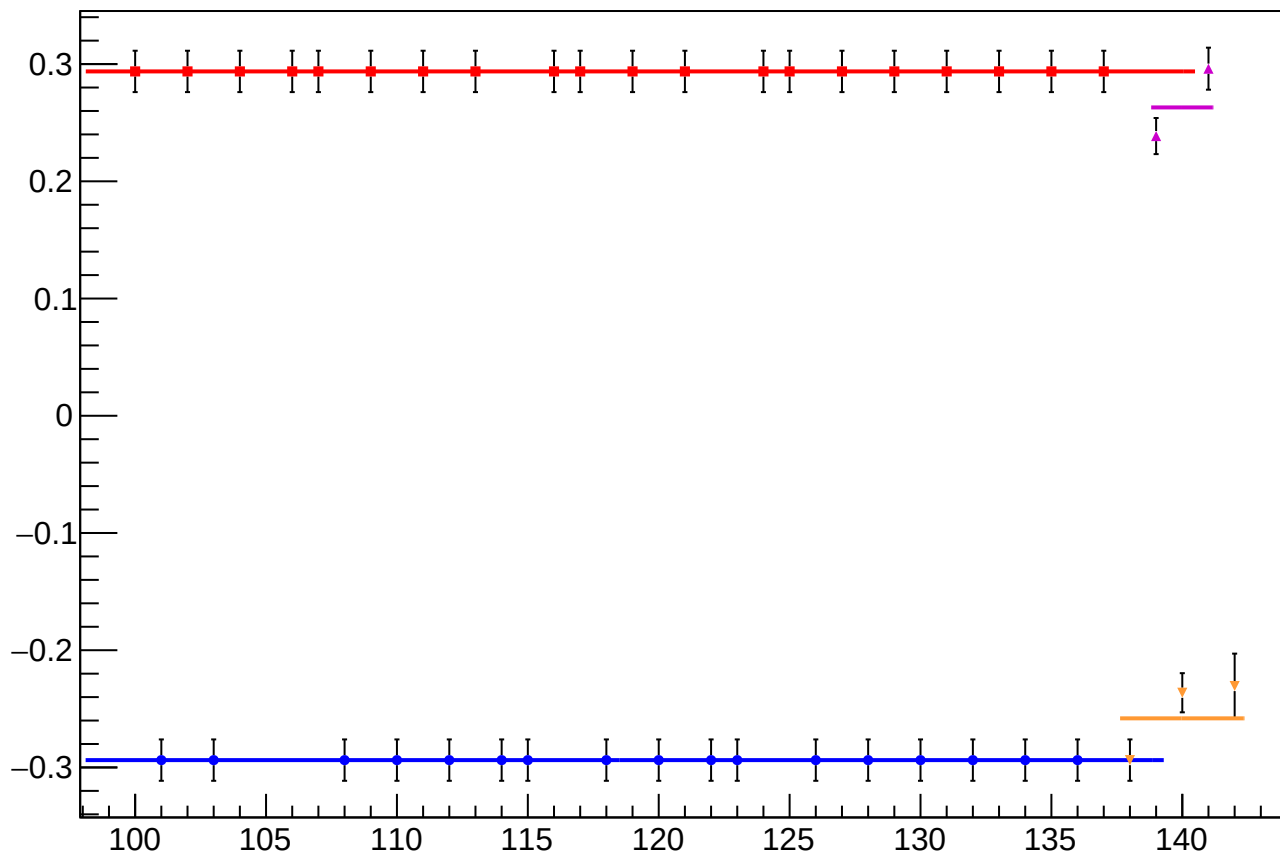
Left In: -43.839 $\pm$ 0.319 χ^2 /NDF: 667.0/1

43.904 $\pm$ 0.102 χ^2 /NDF: 205.6/19

-1.339 $\pm$ 0.071 χ^2 /NDF: 377690.8/41

-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 $\pm$ 0.004 χ^2/NDF : 0.0/16

Left Out: -0.258 $\pm$ 0.011 χ^2/NDF : 6.8/2

Right Out: 0.294 $\pm$ 0.004 χ^2/NDF : 0.0/19

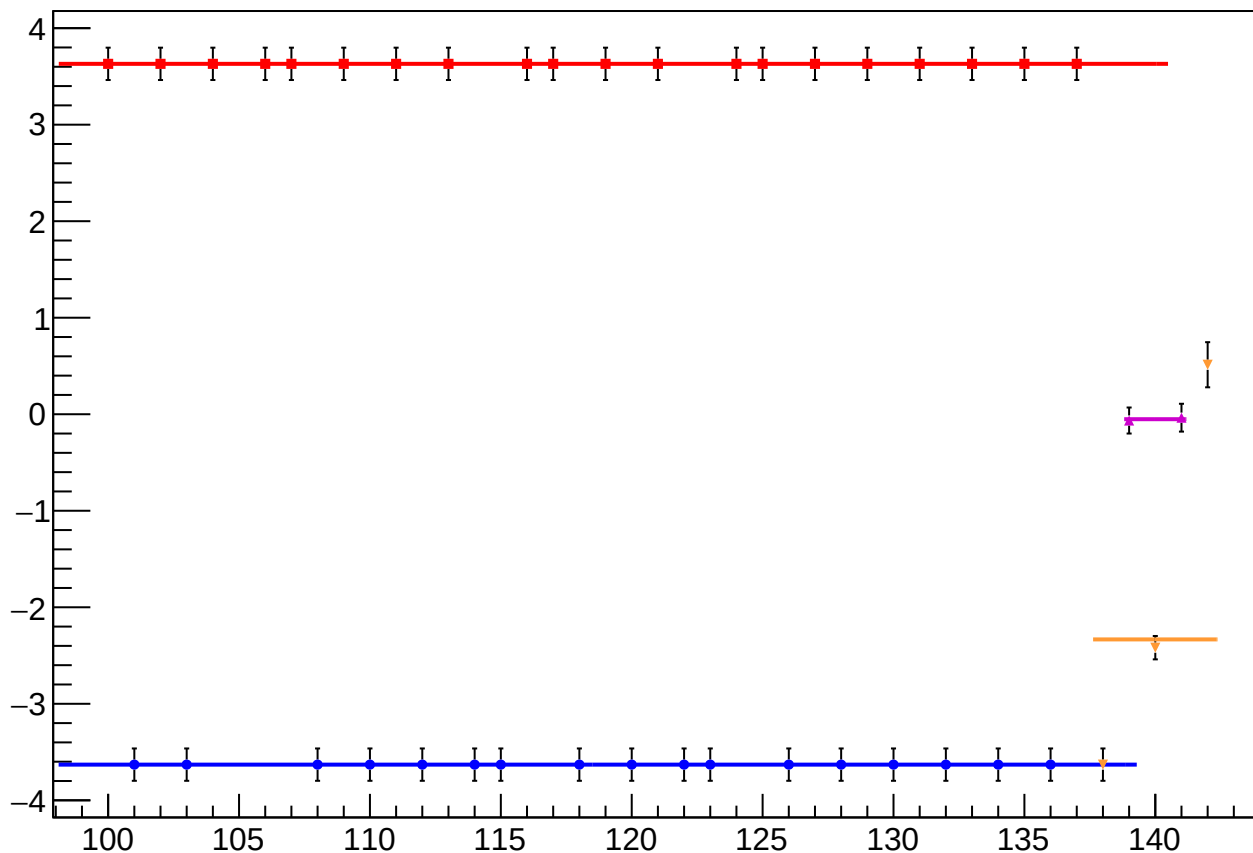
Left In: 0.263 $\pm$ 0.012 χ^2/NDF : 5.9/1

-0.289 $\pm$ 0.004 χ^2/NDF : 15.7/19

0.020 $\pm$ 0.003 χ^2/NDF : 11259.9/41

0.291 $\pm$ 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: -2.333 ± 0.091 χ^2/NDF : 208.6/2

Right Out: 3.630 ± 0.037 χ^2/NDF : 0.0/19

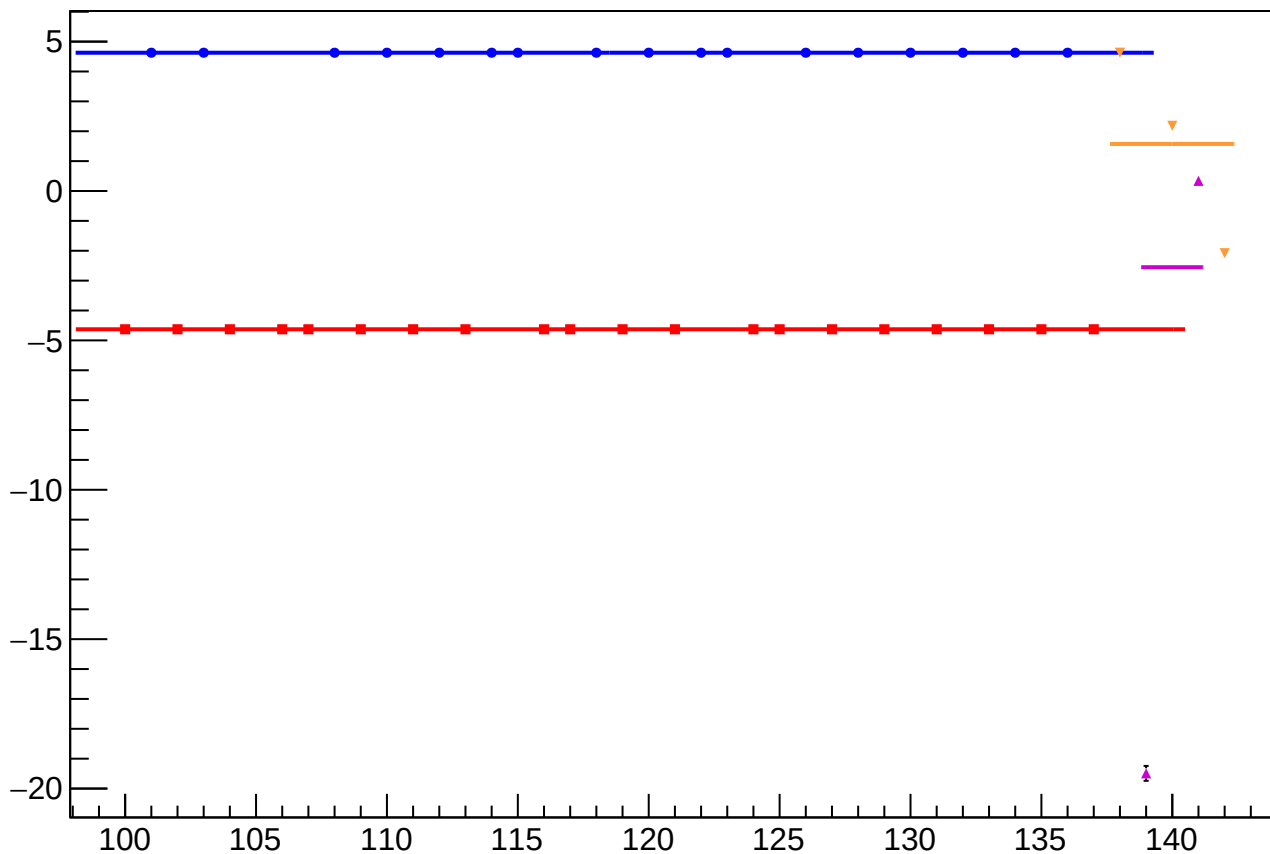
Left In: -0.051 ± 0.098 χ^2/NDF : 0.0/1

-3.413 ± 0.037 χ^2/NDF : 379.6/19

0.063 ± 0.025 χ^2/NDF : 18241.1/41

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: 1.575 $\pm$ 0.074 χ^2 /NDF: 974.4/2

Right Out: -4.628 $\pm$ 0.038 χ^2 /NDF: 0.0/19

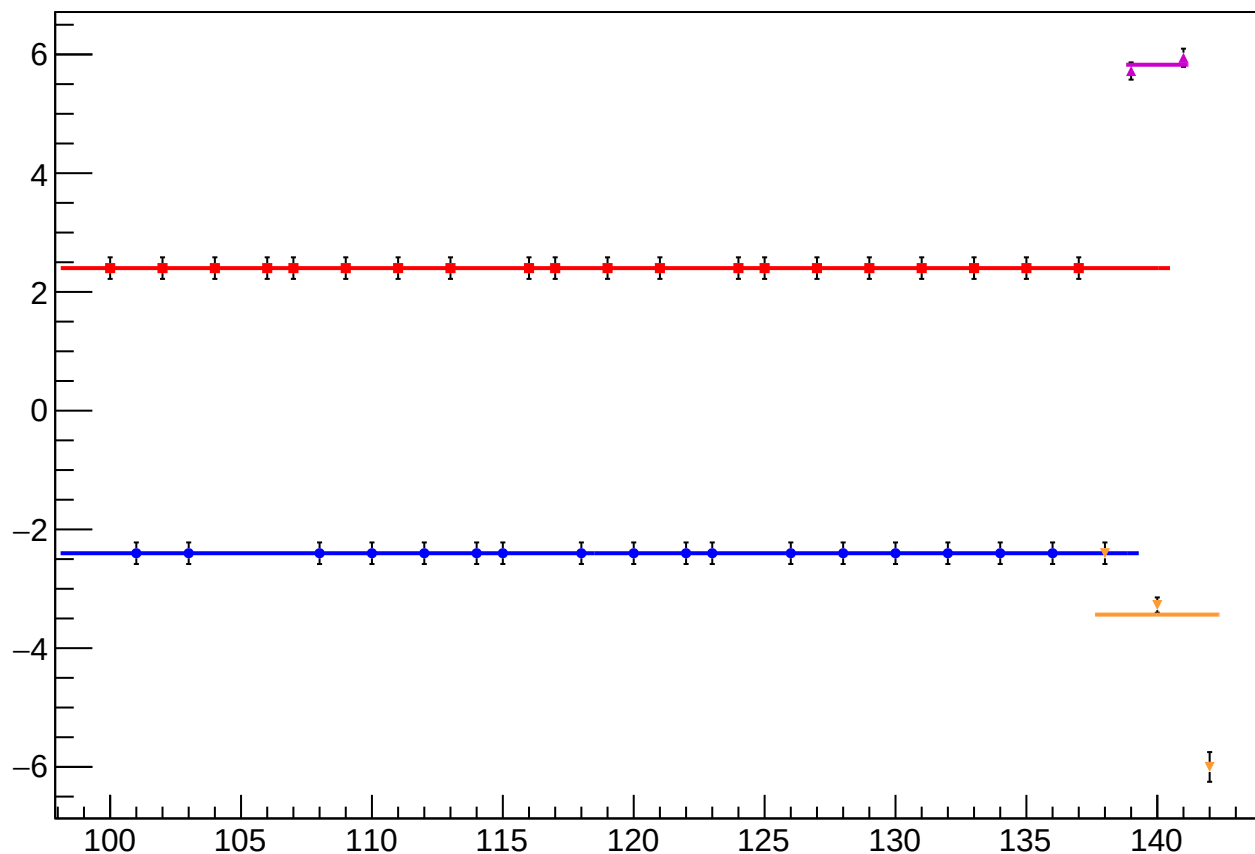
Left In: -2.551 $\pm$ 0.095 χ^2 /NDF: 5409.9/1

3.917 $\pm$ 0.036 χ^2 /NDF: 2264.1/19

-0.305 $\pm$ 0.025 χ^2 /NDF: 35105.5/41

-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 $\pm$ 0.044 χ^2/NDF : 0.0/16

Left Out: -3.435 $\pm$ 0.097 χ^2/NDF : 139.0/2

Right Out: 2.401 $\pm$ 0.041 χ^2/NDF : 0.0/19

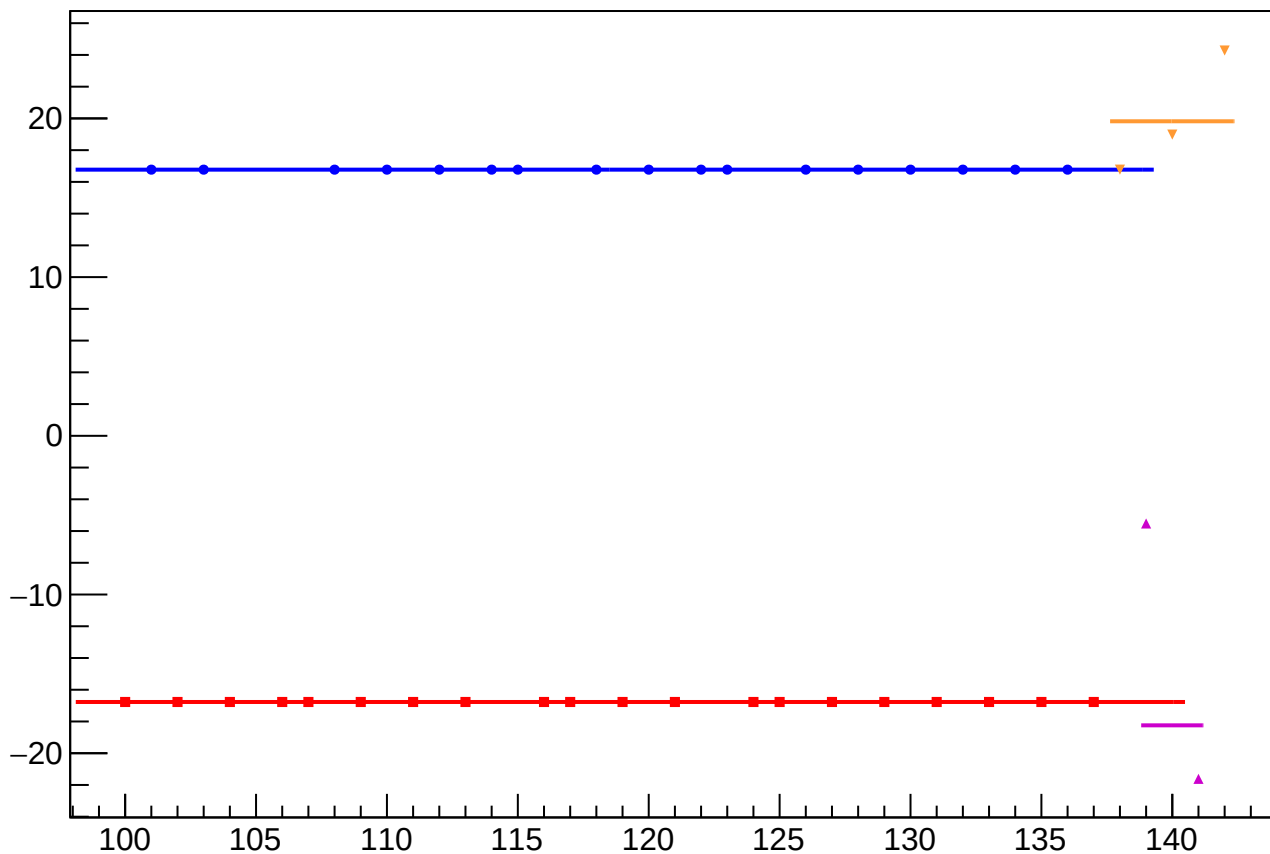
Left In: 5.826 $\pm$ 0.105 χ^2/NDF : 1.1/1

-2.578 $\pm$ 0.040 χ^2/NDF : 233.2/19

0.286 $\pm$ 0.028 χ^2/NDF : 10804.9/41

2.843 $\pm$ 0.038 χ^2/NDF : 919.7/21

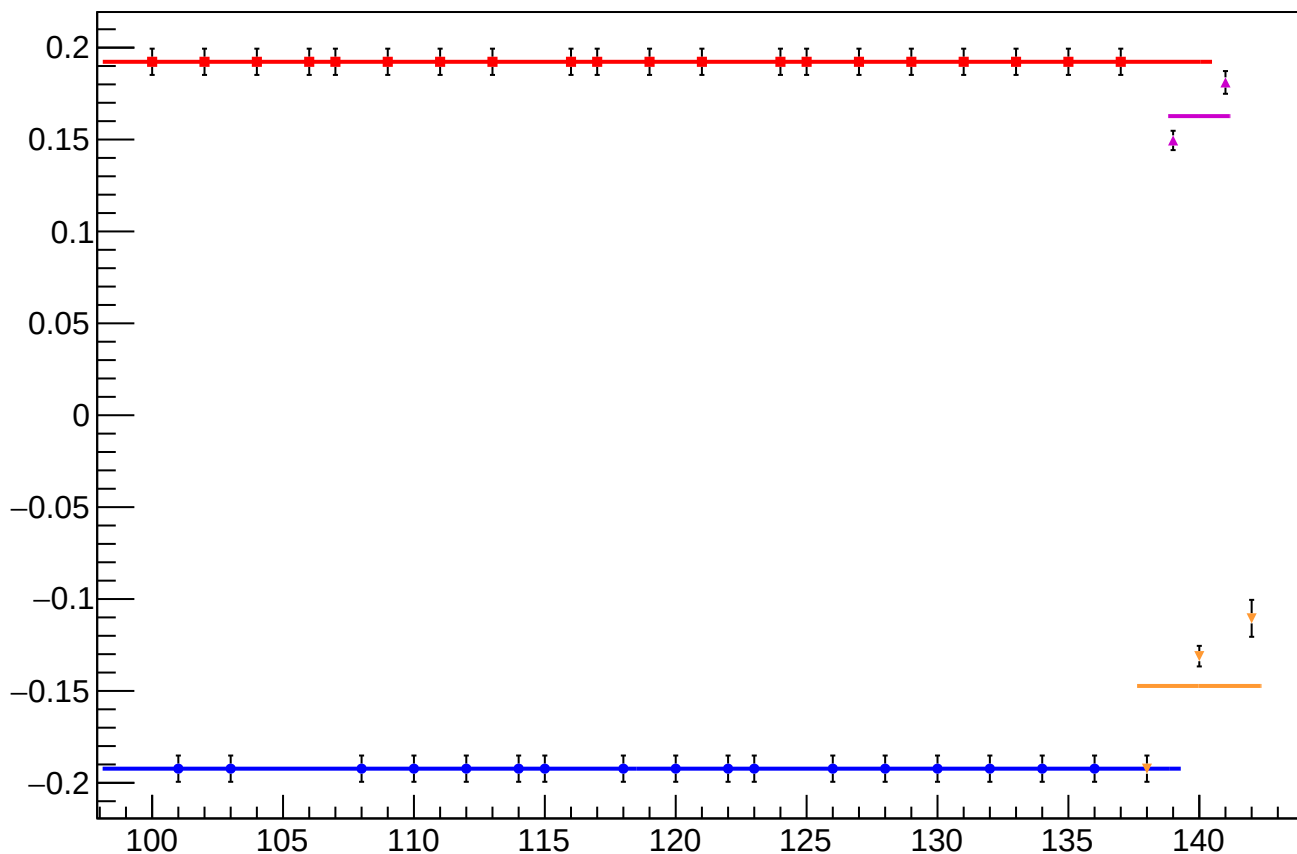
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



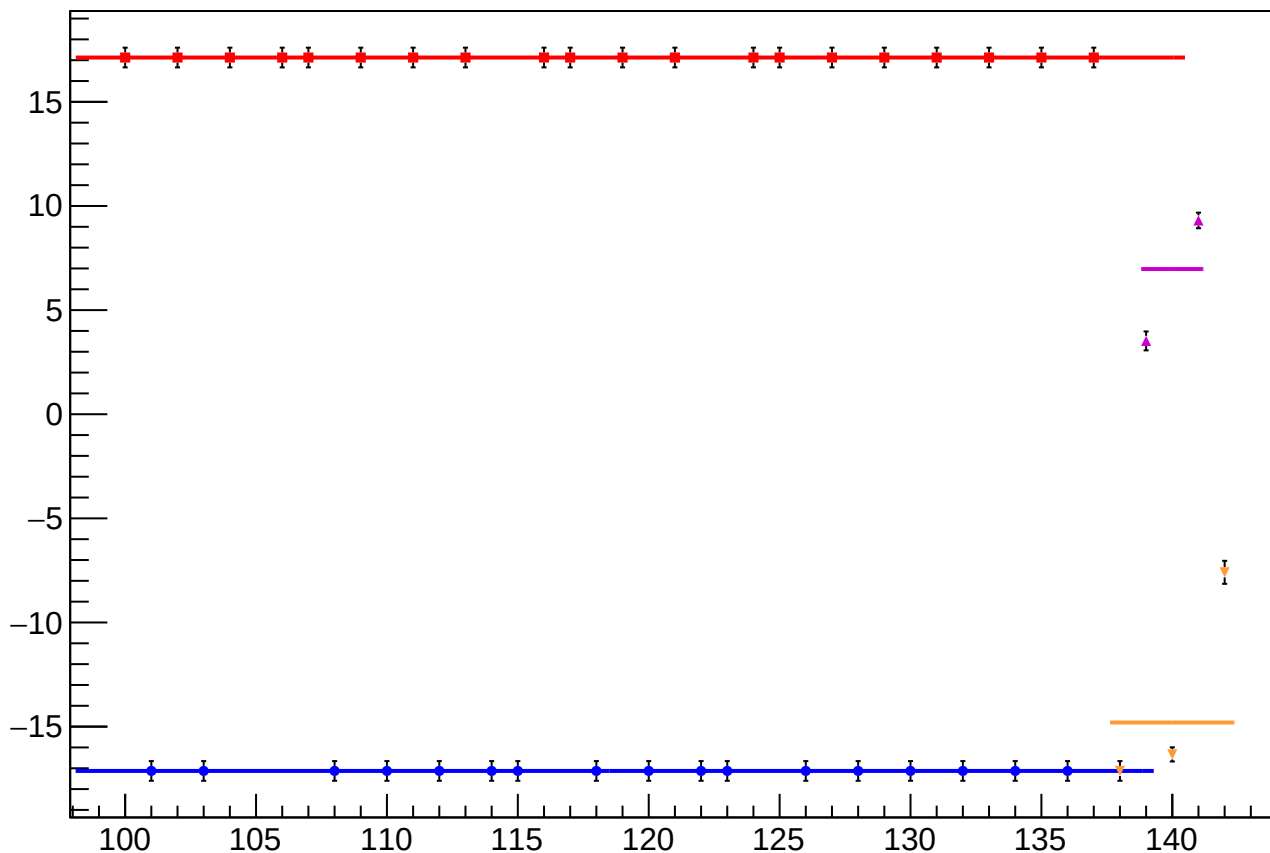
Right In: 16.771±/0.047 χ^2/NDF : 0.0/16
 Left Out: 19.819±/0.089 χ^2/NDF : 917.3/2
 Right Out: -16.771±/0.043 χ^2/NDF : 0.0/19
 Left In: -18.243±/0.110 χ^2/NDF : 3539.3/1

17.433±/0.041 χ^2/NDF : 1836.7/19
 -0.291±/0.029 χ^2/NDF : 360510.4/41
 -16.968±/0.040 χ^2/NDF : 3694.3/21

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.128 $\pm$ 0.115 χ^2/NDF : 0.0/16

Left Out: -14.803 $\pm$ 0.247 χ^2/NDF : 214.7/2

Right Out: 17.128 $\pm$ 0.106 χ^2/NDF : 0.0/19

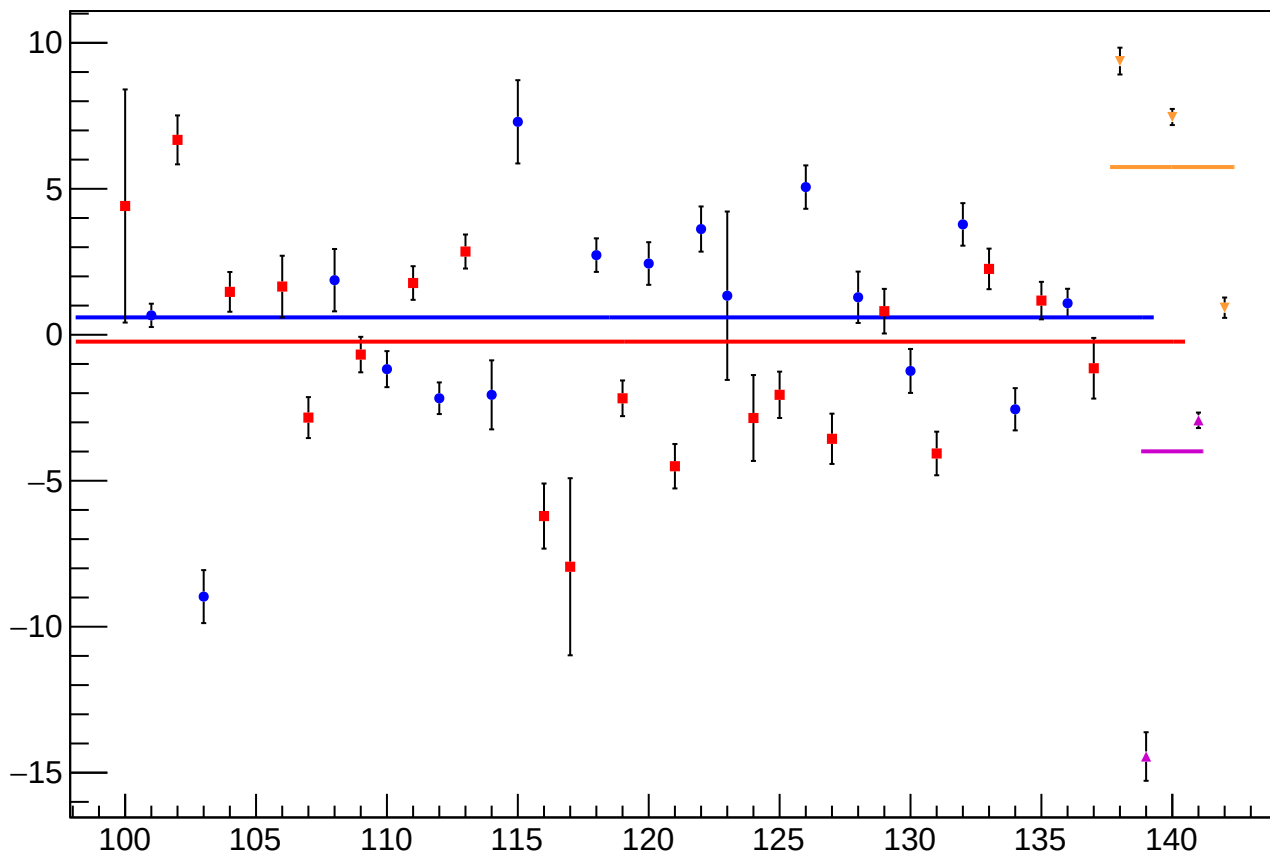
Left In: 6.972 $\pm$ 0.289 χ^2/NDF : 96.5/1

-16.715 $\pm$ 0.104 χ^2/NDF : 287.5/19

0.363 $\pm$ 0.072 χ^2/NDF : 52882.2/41

15.925 $\pm$ 0.099 χ^2/NDF : 1186.5/21

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.596 $\pm$ 0.169 χ^2 /NDF: 291.2/16

Left Out: 5.745 $\pm$ 0.196 χ^2 /NDF:292.0/2

Right Out: -0.235 $\pm$ 0.174 χ^2 /NDF: 280.0/19

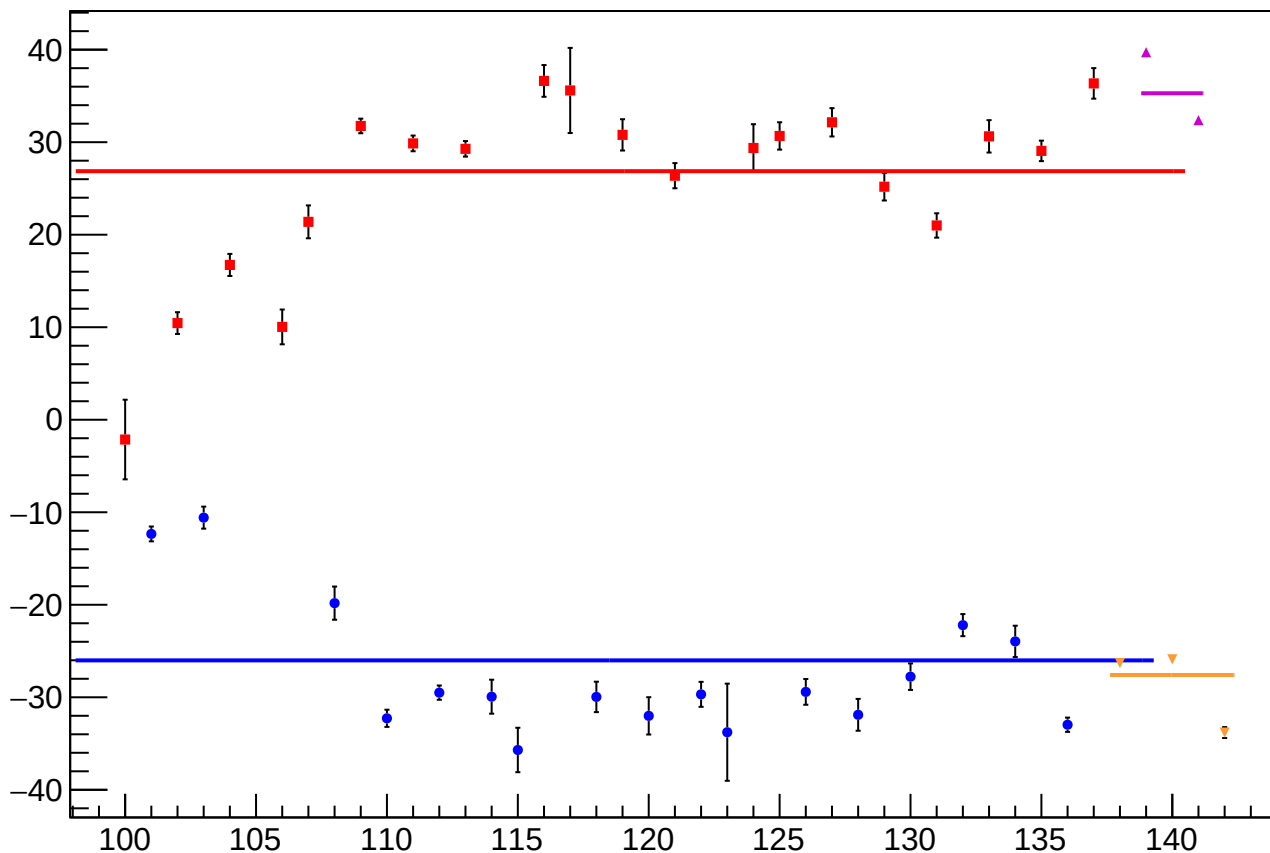
Left In: -3.993 $\pm$ 0.253 χ^2 /NDF:174.1/1

2.794 $\pm$ 0.128 χ^2 /NDF: 979.5/19

0.916 $\pm$ 0.096 χ^2 /NDF: 2070.0/41

-1.447 $\pm$ 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: -27.590±/0.265 χ^2/NDF :138.8/2

Right Out: 26.866±/0.297 χ^2/NDF : 585.2/19

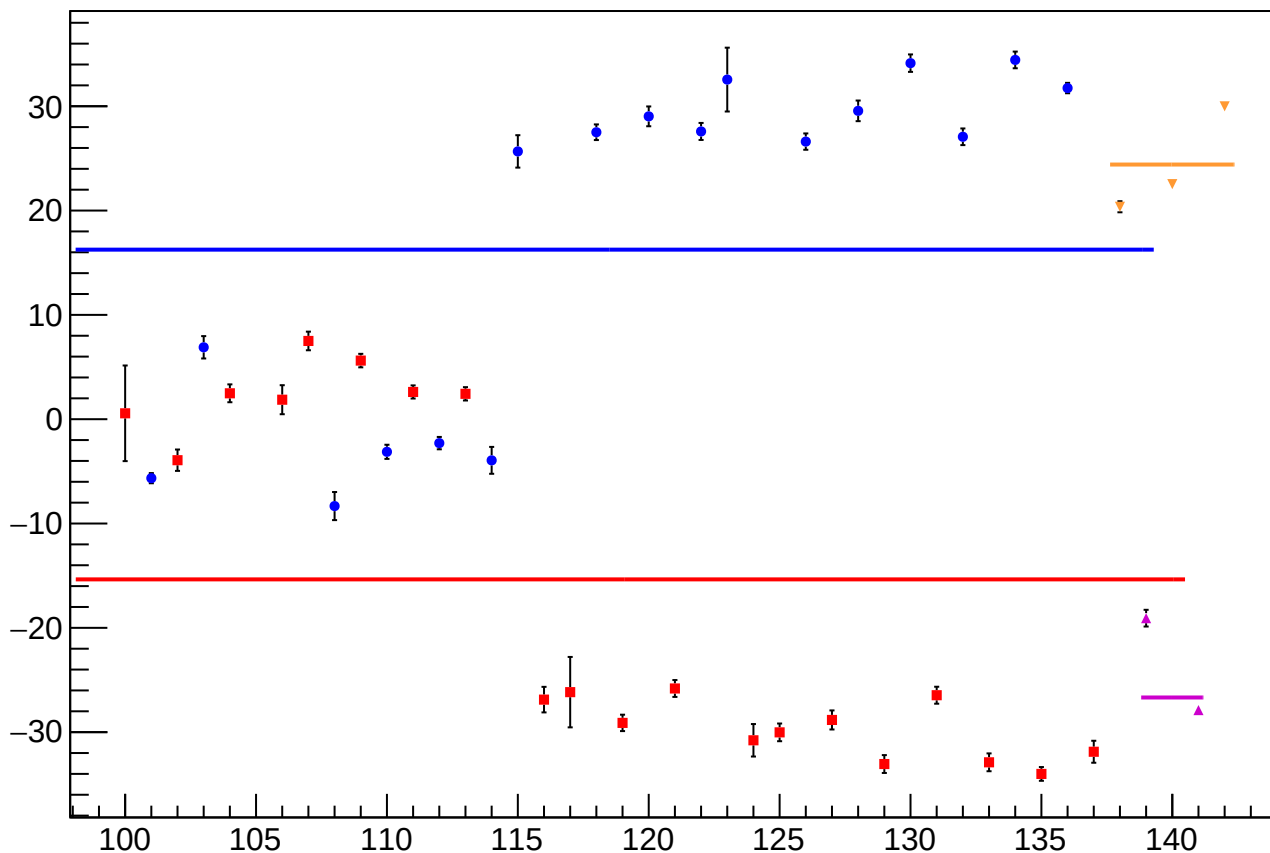
Left In: 35.288±/0.309 χ^2/NDF :135.0/1

-26.898±/0.198 χ^2/NDF : 847.3/19

-0.205±/0.145 χ^2/NDF : 41182.7/41

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: 24.411+/-0.235 χ^2 /NDF:264.0/2

Right Out: -15.355+/-0.197 χ^2 /NDF: 7290.4/19

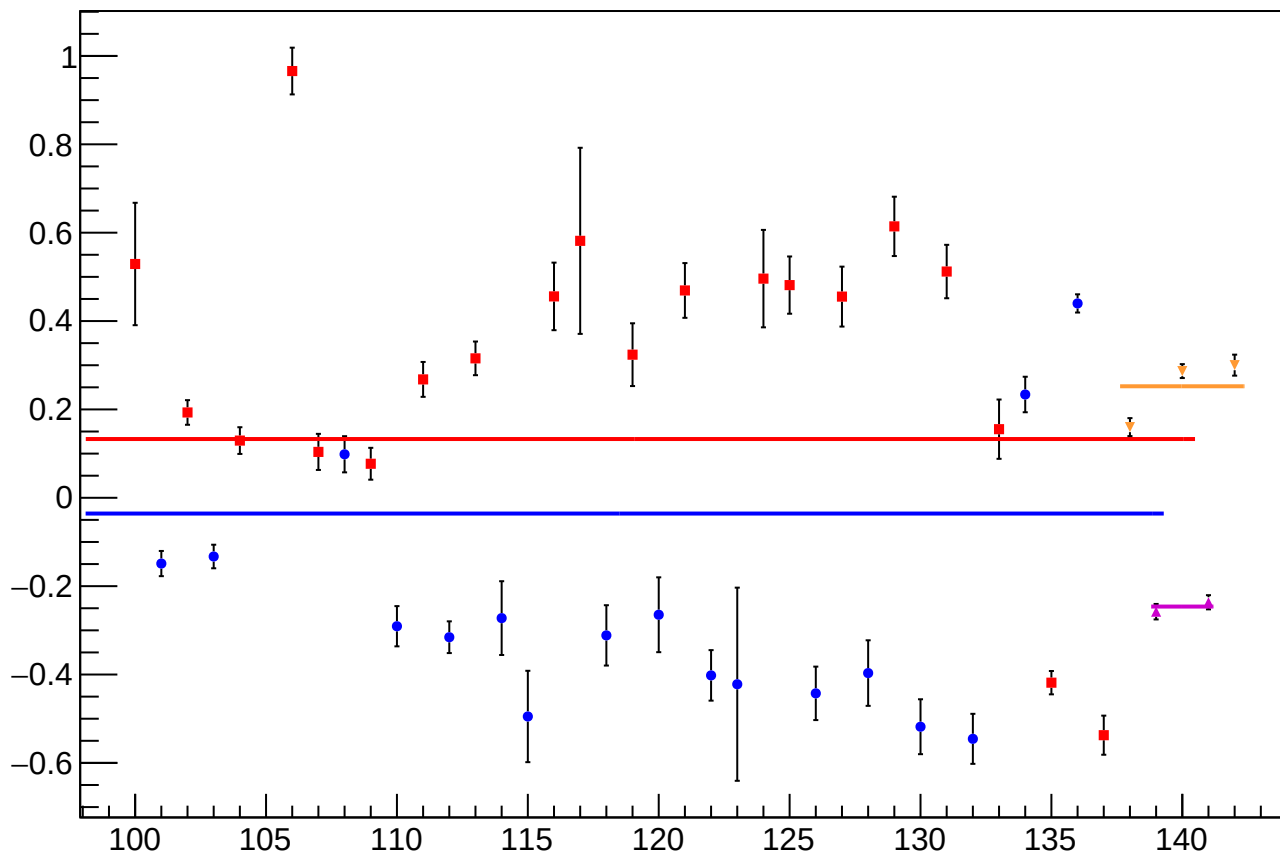
Left In: -26.677+/-0.297 χ^2 /NDF:104.3/1

19.500+/-0.148 χ^2 /NDF: 8601.1/19

2.275+/-0.110 χ^2 /NDF: 47043.9/41

-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 $\pm$ 0.010 χ^2 /NDF: 1014.5/16

Left Out: 0.252 $\pm$ 0.011 χ^2 /NDF: 29.5/2

Right Out: 0.133 $\pm$ 0.010 χ^2 /NDF: 1175.8/19

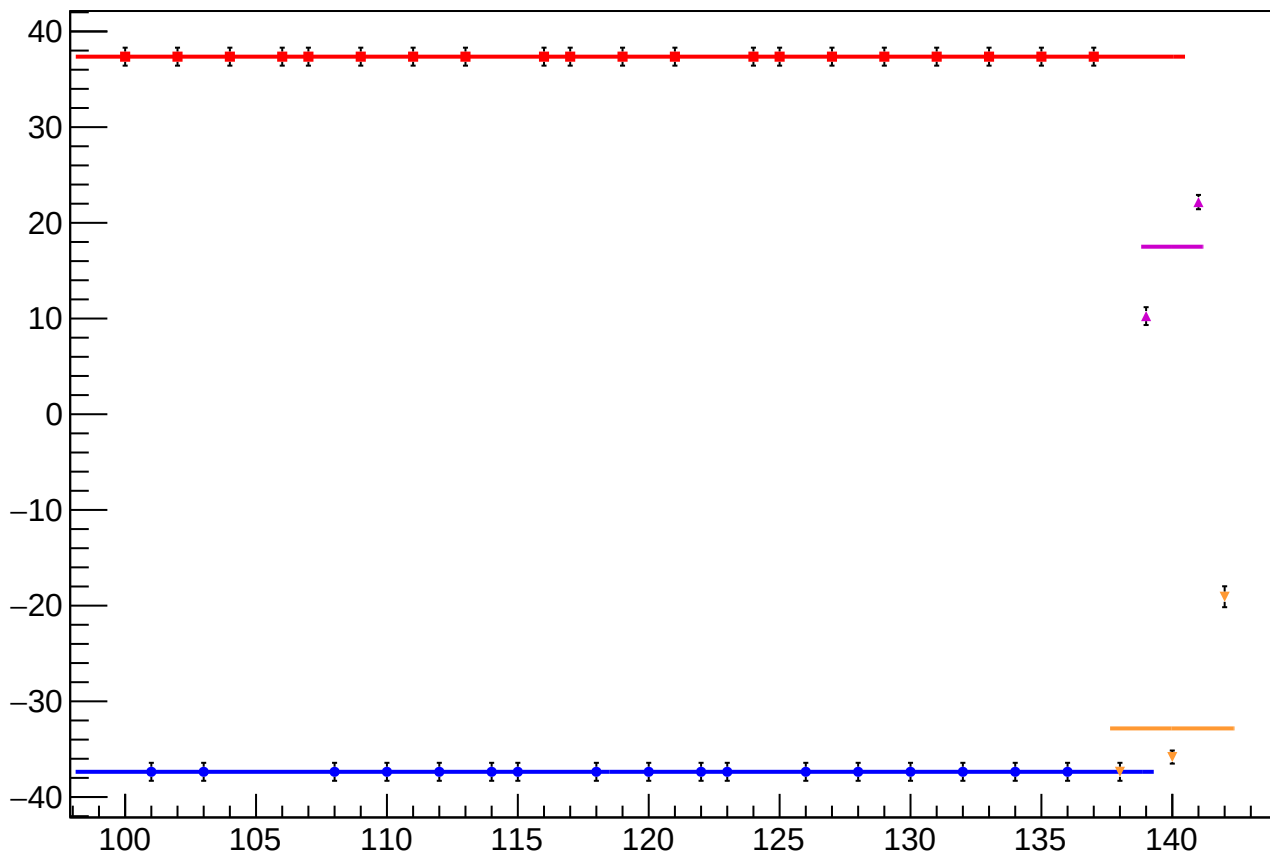
Left In: -0.246 $\pm$ 0.012 χ^2 /NDF: 0.8/1

0.099 $\pm$ 0.008 χ^2 /NDF: 1408.0/19

0.036 $\pm$ 0.005 χ^2 /NDF: 3309.8/41

-0.031 $\pm$ 0.008 χ^2 /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: -32.831 ± 0.494 χ^2/NDF : 200.9/2

Right Out: 37.364 ± 0.210 χ^2/NDF : 0.0/19

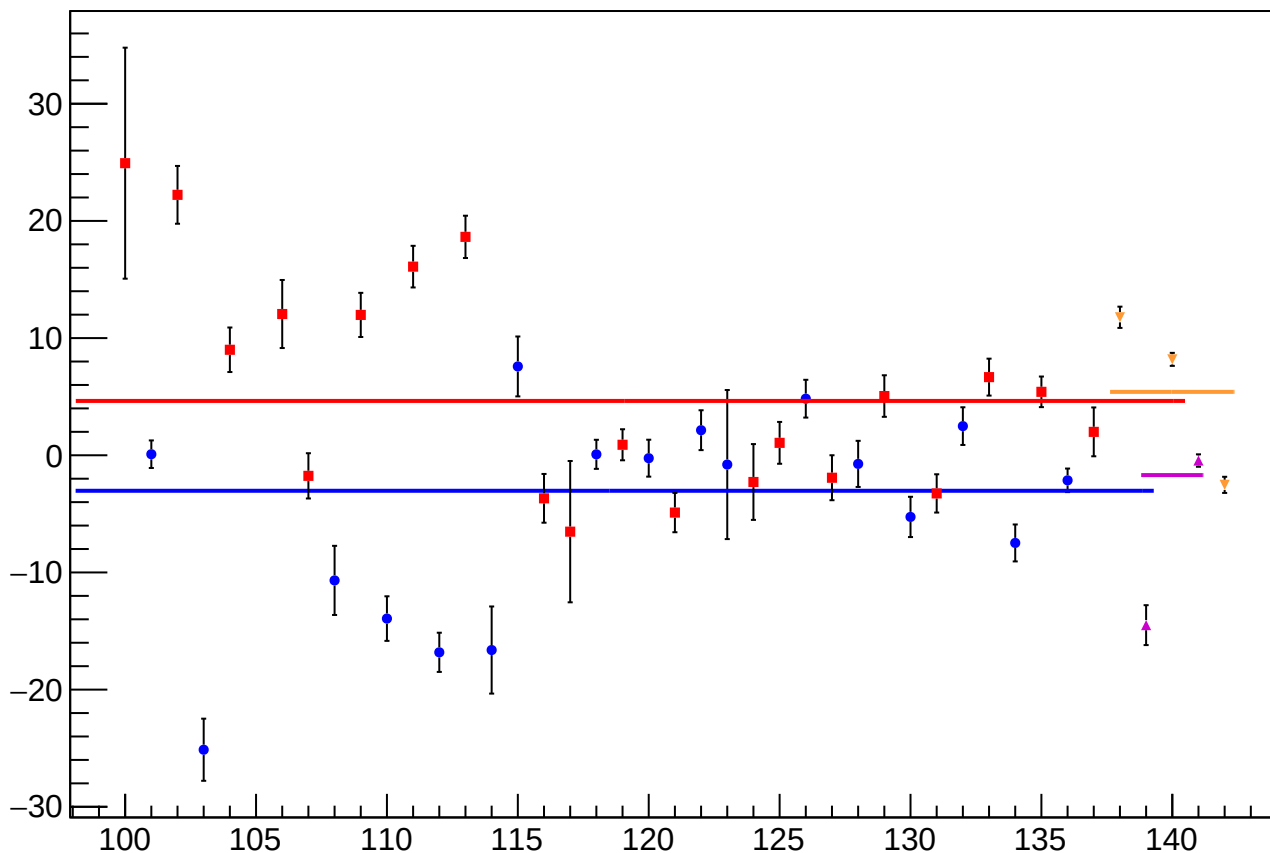
Left In: 17.506 ± 0.584 χ^2/NDF : 99.2/1

-36.569 ± 0.207 χ^2/NDF : 270.4/19

0.893 ± 0.143 χ^2/NDF : 64140.2/41

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: 5.411 ± 0.390 $\chi^2/\text{NDF}: 207.1/2$

Right Out: 4.638 ± 0.426 $\chi^2/\text{NDF}: 301.7/19$

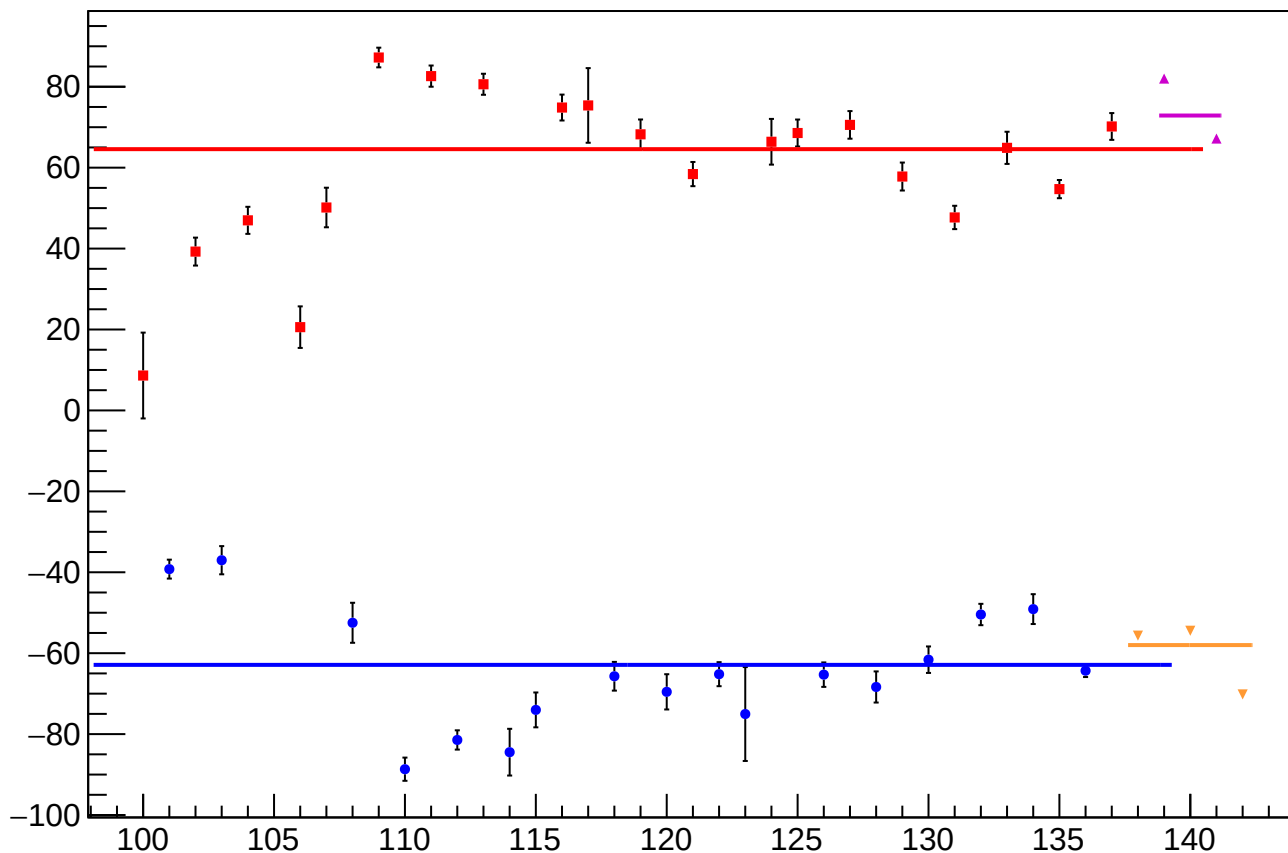
Left In: -1.691 ± 0.506 $\chi^2/\text{NDF}: 62.0/1$

1.374 ± 0.282 $\chi^2/\text{NDF}: 711.7/19$

1.649 ± 0.213 $\chi^2/\text{NDF}: 1169.3/41$

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: -57.995±/0.529 χ^2/NDF :137.5/2

Right Out: 64.574±/0.749 χ^2/NDF : 445.5/19

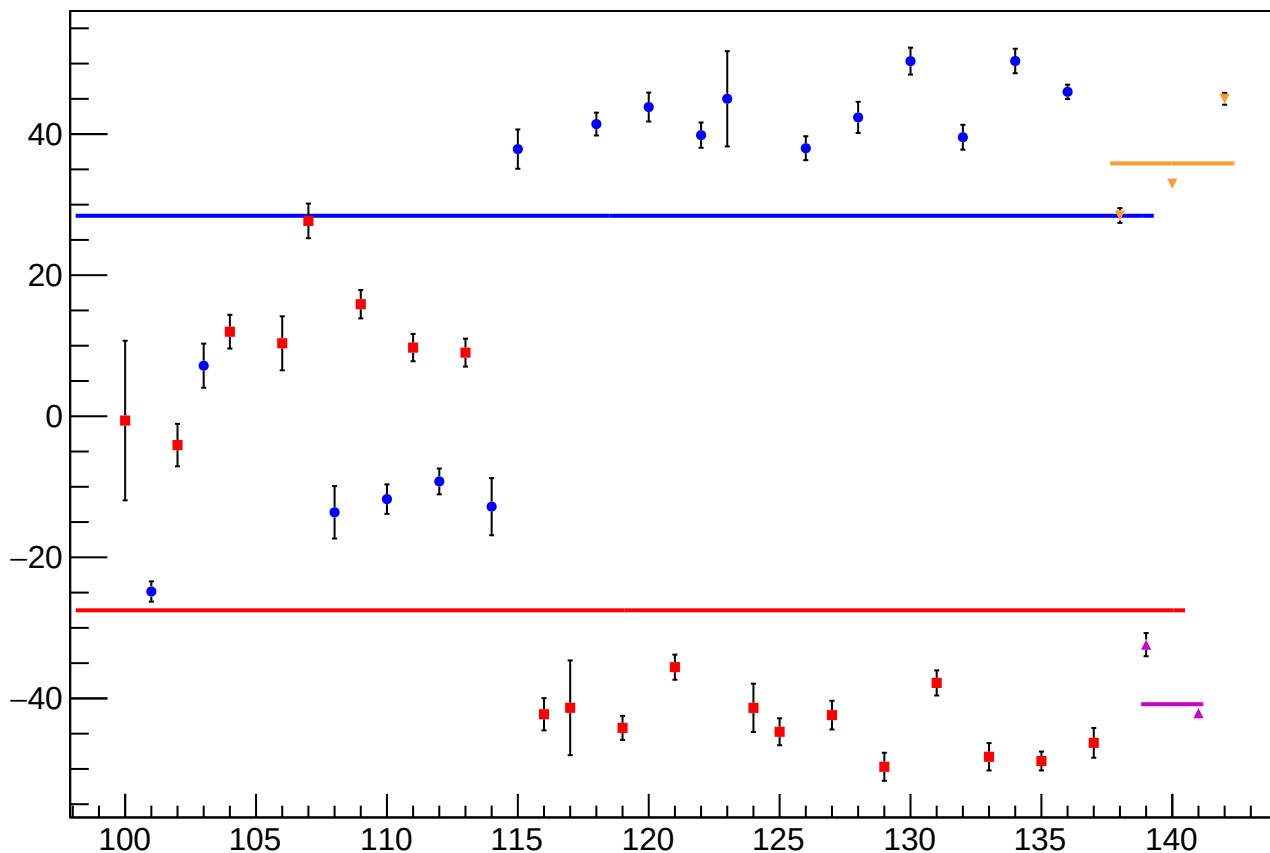
Left In: 72.885±/0.625 χ^2/NDF :133.1/1

-59.655±/0.430 χ^2/NDF : 535.3/19

-2.148±/0.320 χ^2/NDF : 41382.3/41

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 χ^2/NDF : 3330.3/16

Left Out: 35.849+/-0.468 χ^2/NDF : 188.1/2

Right Out: -27.512+/-0.477 χ^2/NDF : 3037.3/19

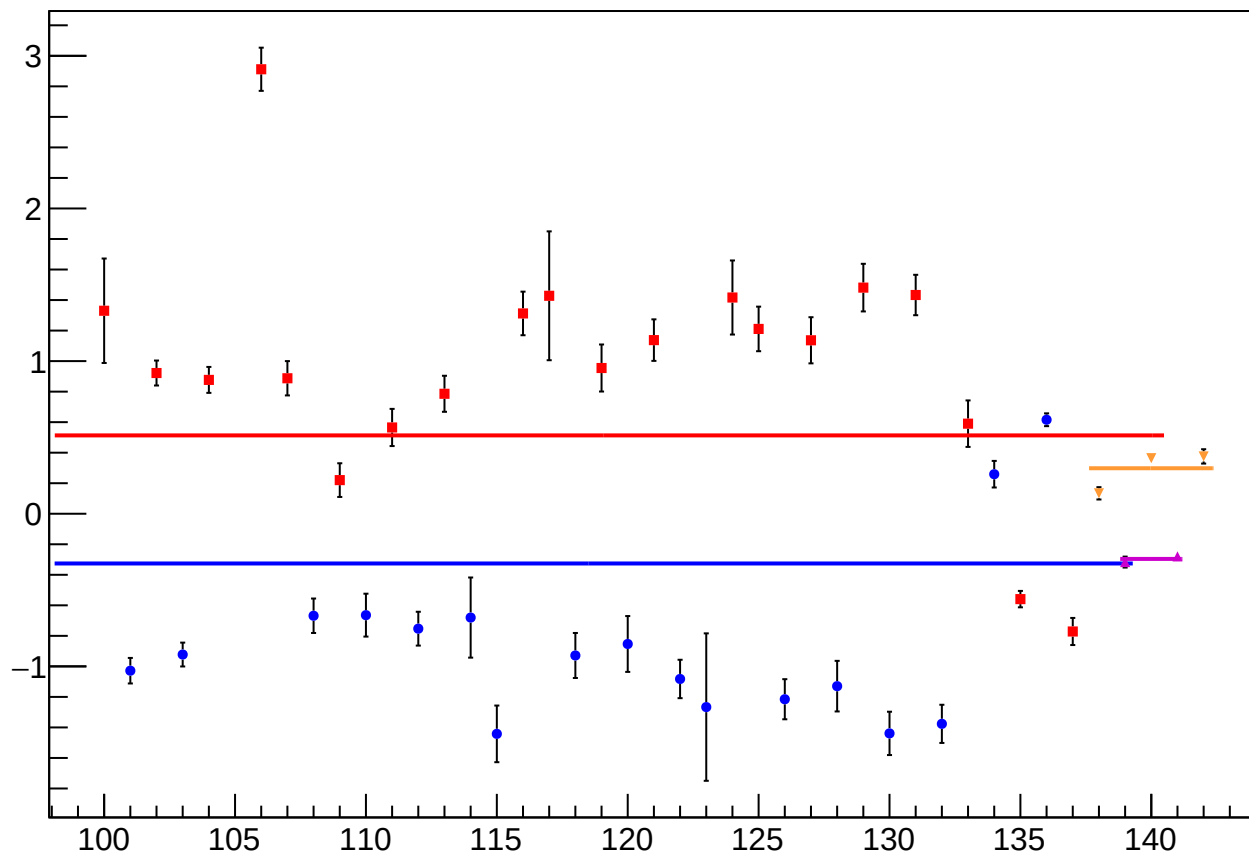
Left In: -40.819+/-0.596 χ^2/NDF : 30.5/1

32.047+/-0.327 χ^2/NDF : 3647.2/19

3.859+/-0.246 χ^2/NDF : 24080.7/41

-32.715+/-0.373 χ^2/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: 0.298+/-0.022 χ^2/NDF : 23.6/2

Right Out: 0.513+/-0.026 χ^2/NDF : 1174.1/19

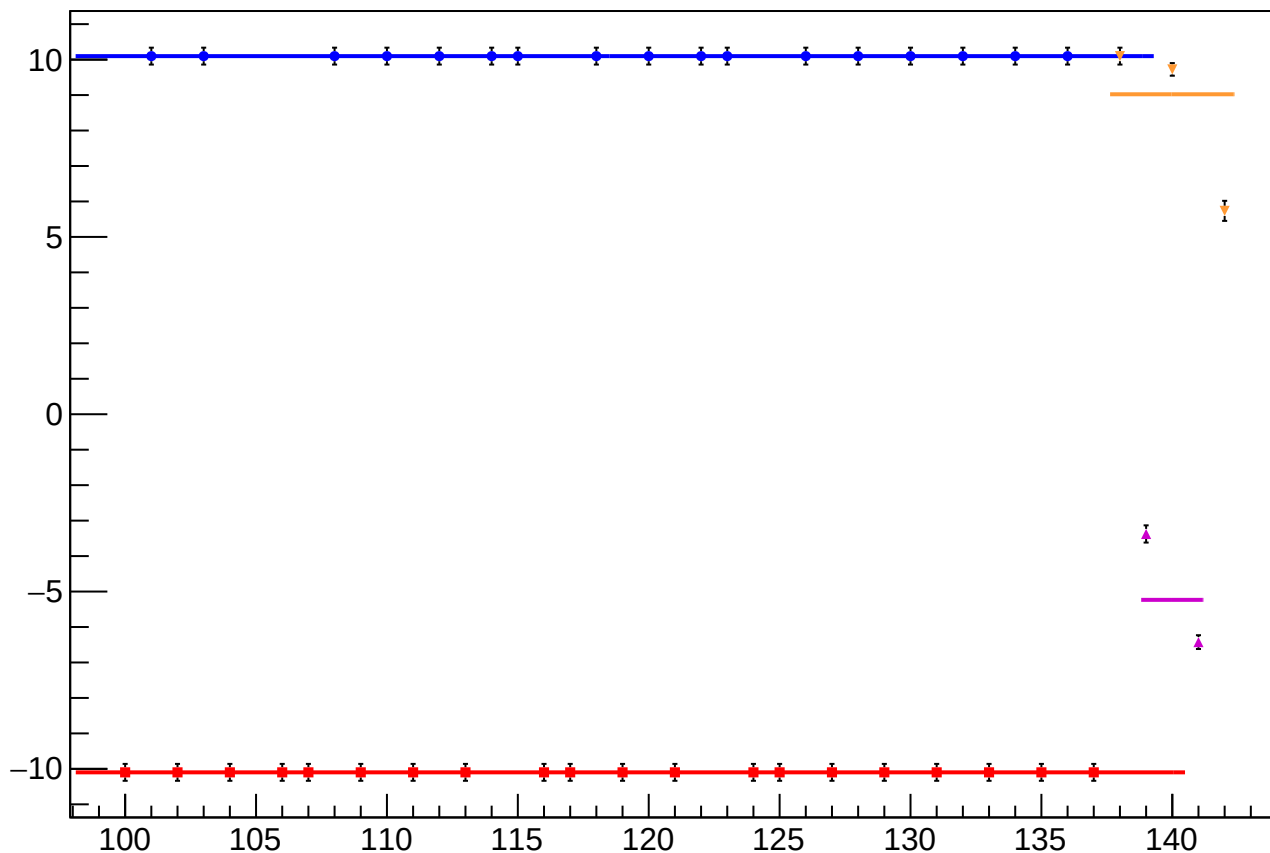
Left In: -0.296+/-0.024 χ^2/NDF : 0.6/1

0.024+/-0.017 χ^2/NDF : 1388.4/19

0.051+/-0.012 χ^2/NDF : 3100.5/41

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 $\pm$ 0.058 χ^2/NDF : 0.0/16

Left Out: 9.022 $\pm$ 0.127 χ^2/NDF : 170.9/2

Right Out: -10.098 $\pm$ 0.053 χ^2/NDF : 0.0/19

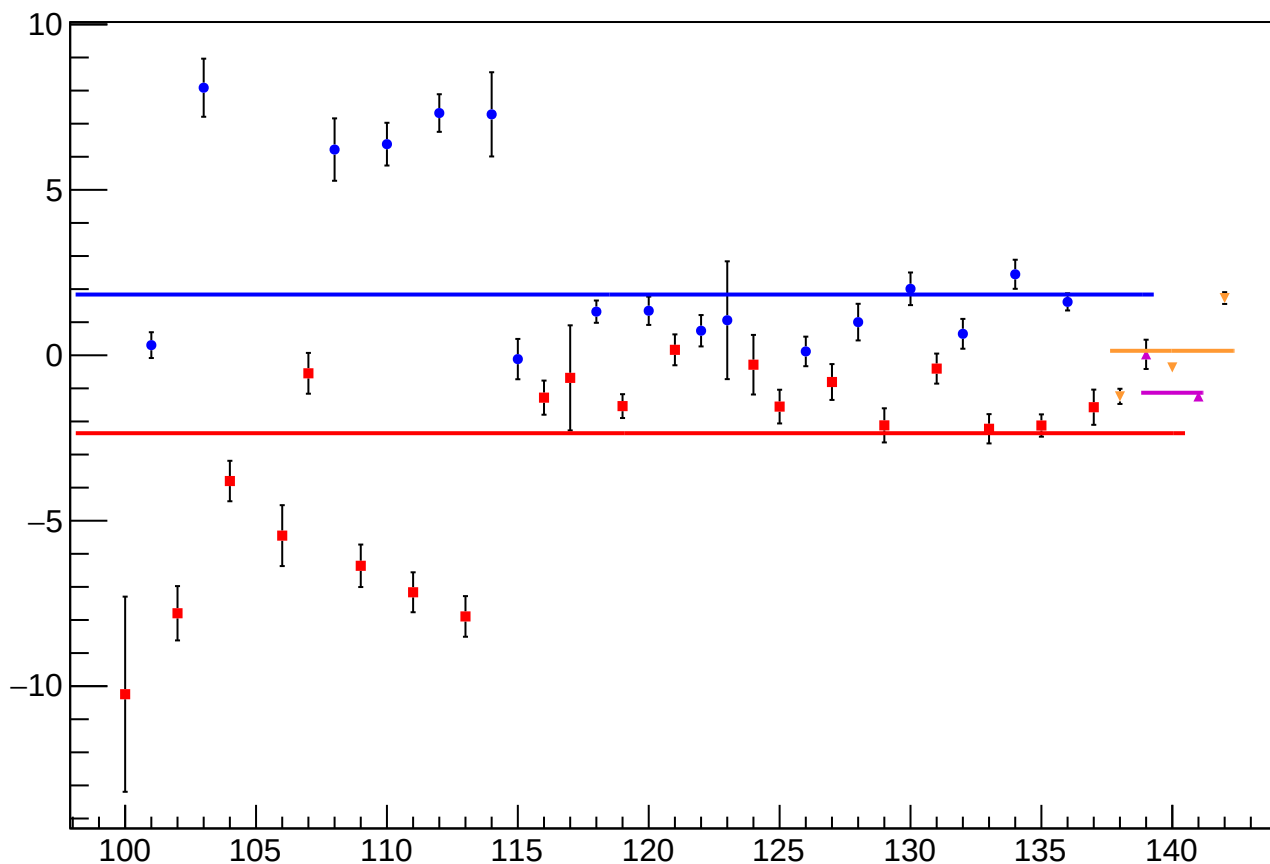
Left In: -5.234 $\pm$ 0.152 χ^2/NDF : 96.1/1

9.914 $\pm$ 0.053 χ^2/NDF : 230.1/19

-0.270 $\pm$ 0.036 χ^2/NDF : 72857.6/41

-9.564 $\pm$ 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 $\pm$ 0.116 χ^2 /NDF: 294.9/16

Left Out: 0.136 $\pm$ 0.101 χ^2 /NDF:128.2/2

Right Out: -2.355 $\pm$ 0.122 χ^2 /NDF: 337.5/19

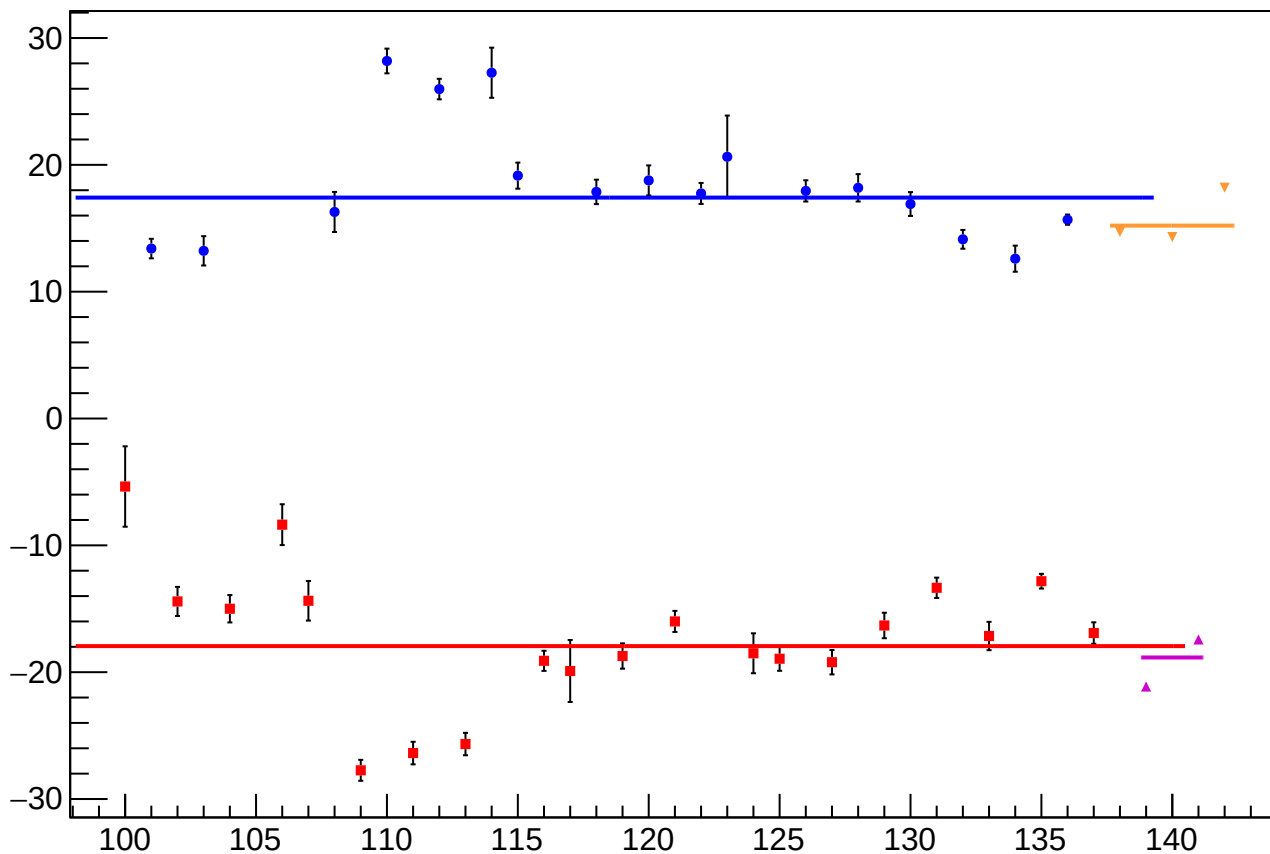
Left In: -1.132 $\pm$ 0.131 χ^2 /NDF:7.6/1

0.866 $\pm$ 0.076 χ^2 /NDF: 545.5/19

-0.247 $\pm$ 0.058 χ^2 /NDF: 1447.2/41

-1.788 $\pm$ 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+/-0.212 χ^2/NDF : 366.8/16

Left Out: 15.208+/-0.136 χ^2/NDF : 123.9/2

Right Out: -17.945+/-0.218 χ^2/NDF : 507.0/19

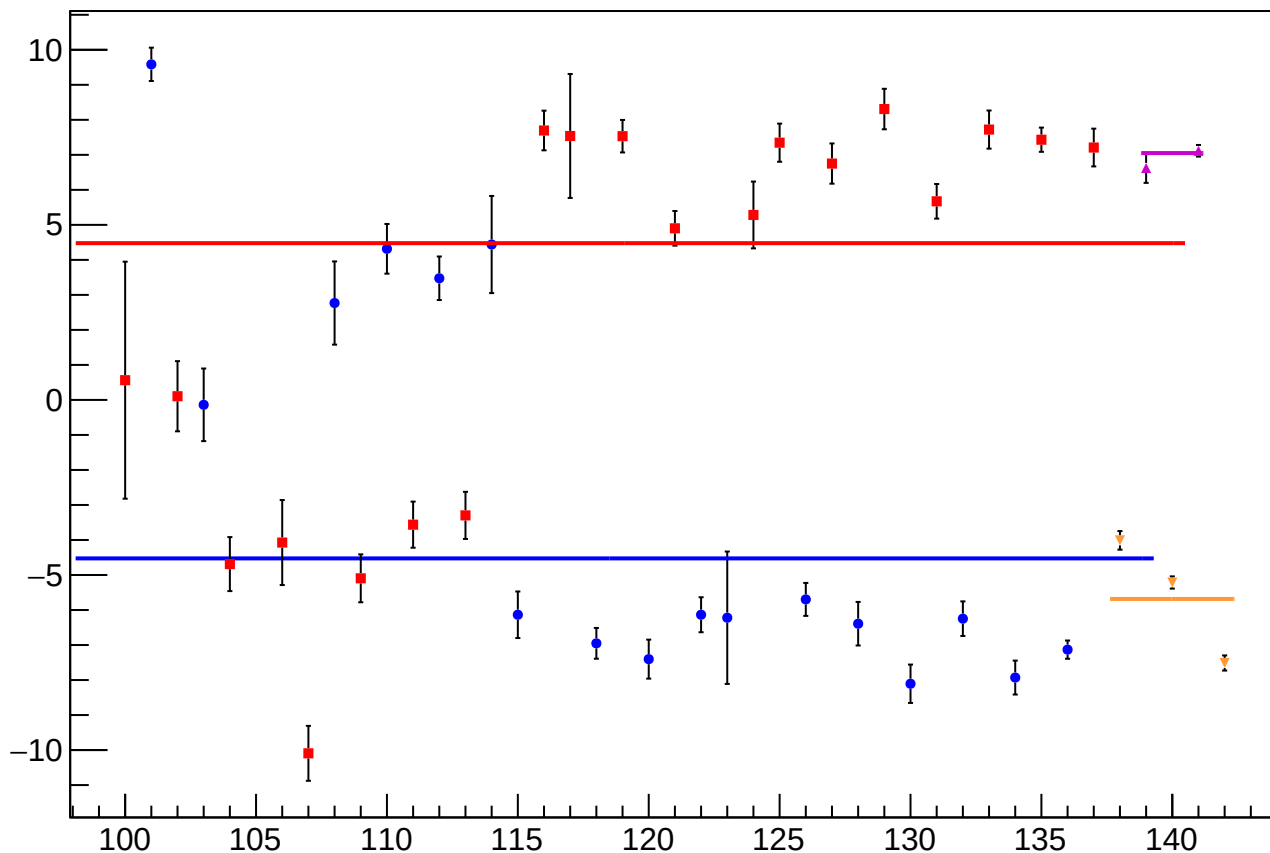
Left In: -18.840+/-0.162 χ^2/NDF : 123.4/1

15.857+/-0.115 χ^2/NDF : 567.7/19

0.847+/-0.086 χ^2/NDF : 40449.1/41

-18.521+/-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: -5.684 ± 0.121 χ^2/NDF : 118.5/2

Right Out: 4.478 ± 0.137 χ^2/NDF : 1341.9/19

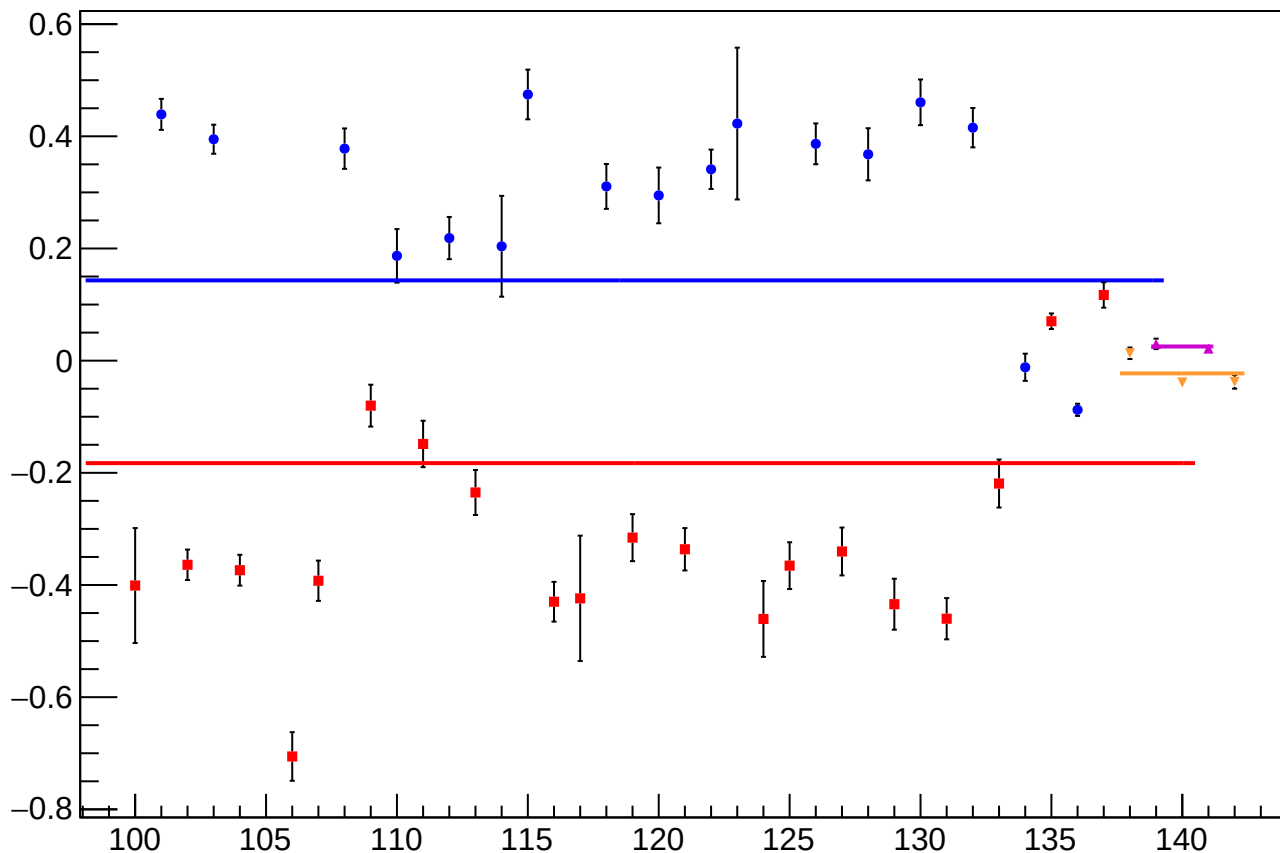
Left In: 7.051 ± 0.155 χ^2/NDF : 1.1/1

-5.145 ± 0.088 χ^2/NDF : 1751.4/19

-0.557 ± 0.067 χ^2/NDF : 9563.2/41

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 ± 0.007 χ^2/NDF : 1060.4/16

Left Out: -0.023 ± 0.006 χ^2/NDF : 17.6/2

Right Out: -0.183 ± 0.007 χ^2/NDF : 1012.5/19

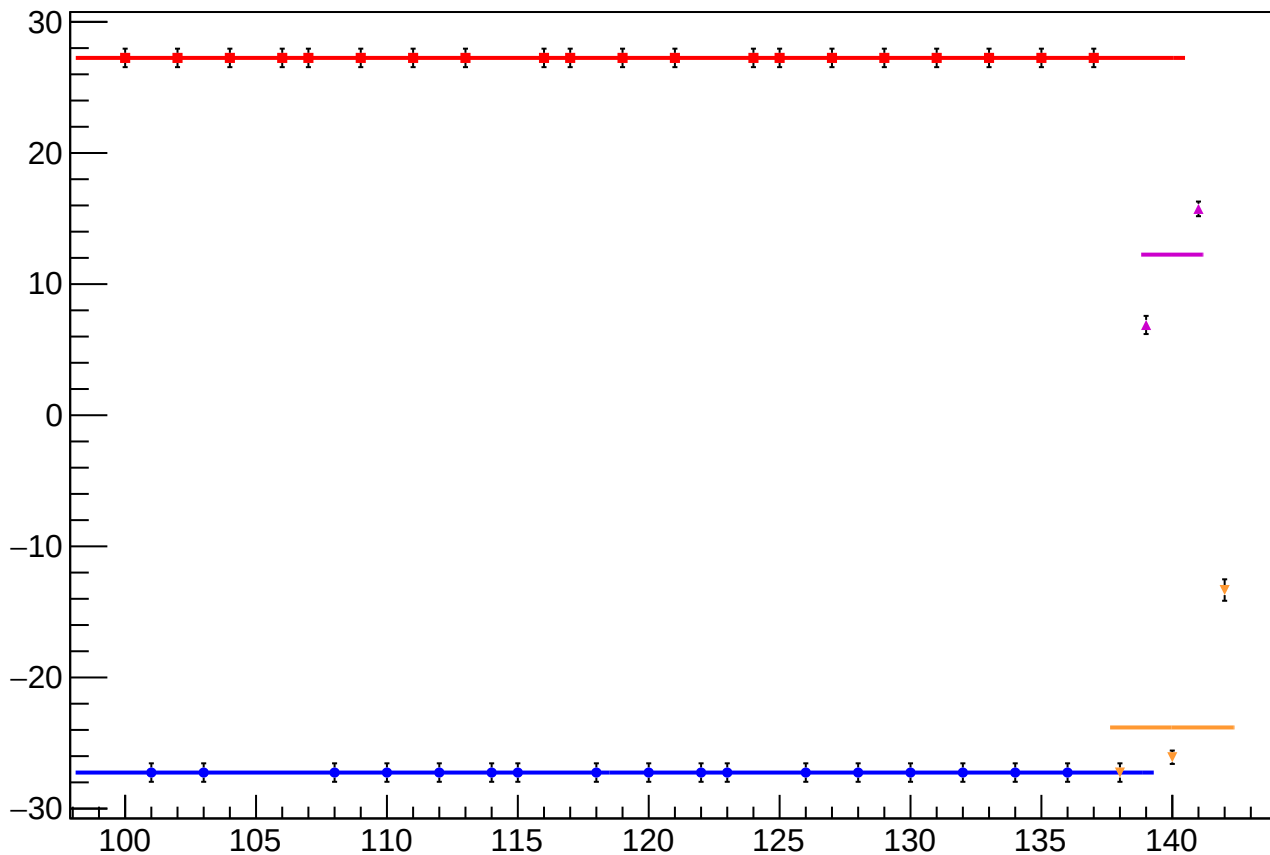
Left In: 0.025 ± 0.006 χ^2/NDF : 0.4/1

0.043 ± 0.004 χ^2/NDF : 1412.8/19

-0.006 ± 0.003 χ^2/NDF : 3146.8/41

-0.061 ± 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: -23.812±/-0.369 χ^2/NDF :207.6/2

Right Out: 27.252±/-0.158 χ^2/NDF : 0.0/19

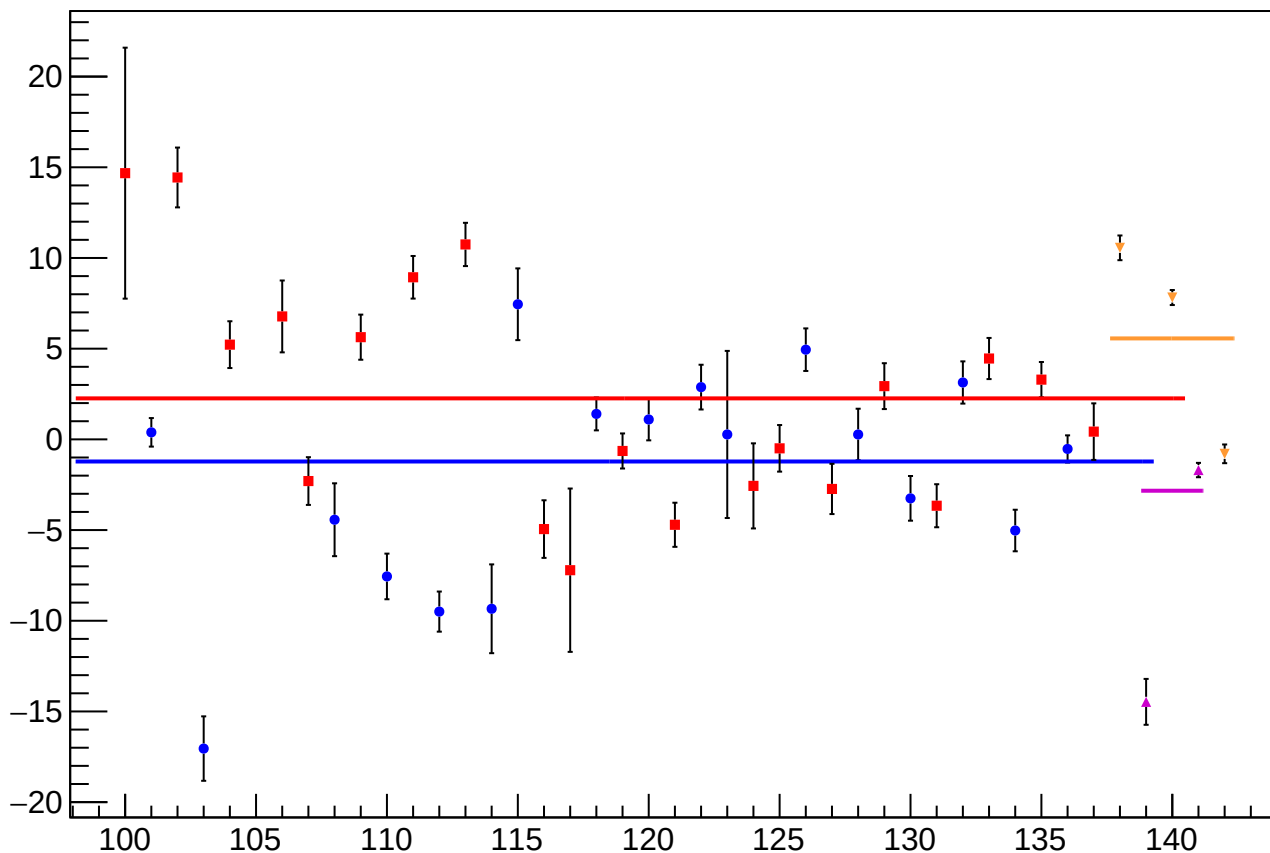
Left In: 12.249±/-0.435 χ^2/NDF :99.0/1

-26.645±/-0.155 χ^2/NDF : 279.1/19

0.627±/-0.107 χ^2/NDF : 60586.4/41

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 $\pm$ 0.290 χ^2 /NDF: 278.6/16

Left Out: 5.565 $\pm$ 0.292 χ^2 /NDF:235.6/2

Right Out: 2.259 $\pm$ 0.302 χ^2 /NDF: 290.7/19

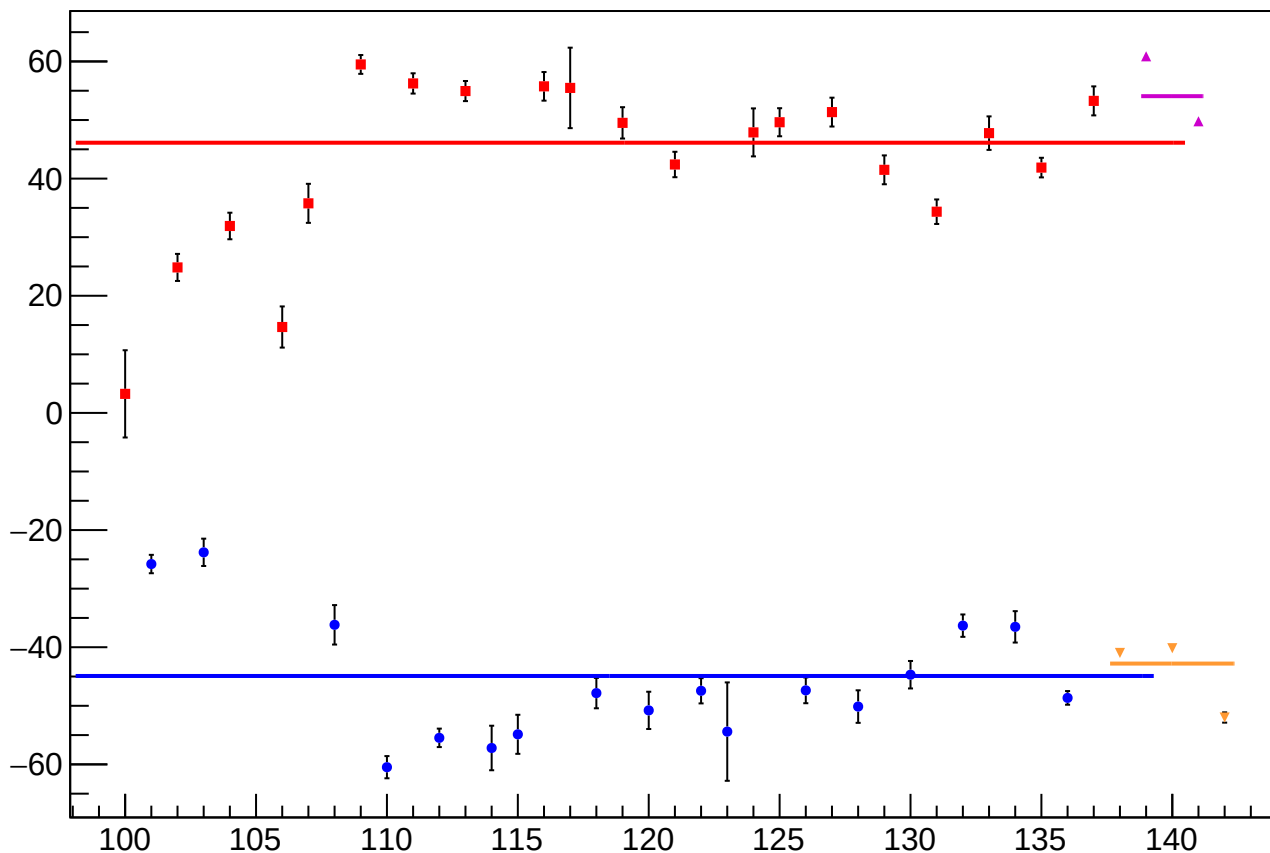
Left In: -2.832 $\pm$ 0.378 χ^2 /NDF:93.0/1

2.151 $\pm$ 0.206 χ^2 /NDF: 786.2/19

1.341 $\pm$ 0.155 χ^2 /NDF: 1316.6/41

0.277 $\pm$ 0.236 χ^2 /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: -42.792 ± 0.395 χ^2/NDF : 139.4/2

Right Out: 46.126 ± 0.527 χ^2/NDF : 455.9/19

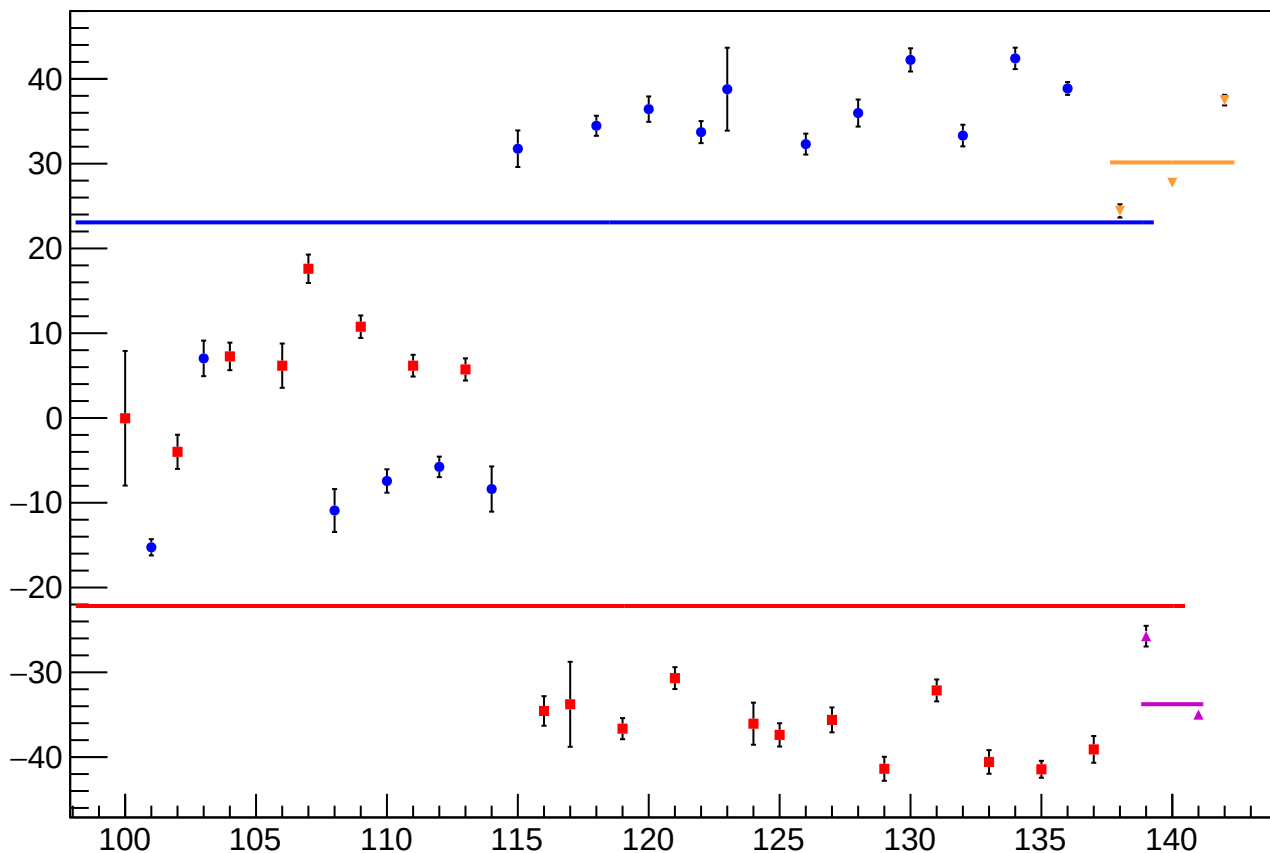
Left In: 54.073 ± 0.465 χ^2/NDF : 134.7/1

-43.562 ± 0.315 χ^2/NDF : 571.0/19

-1.226 ± 0.234 χ^2/NDF : 41404.9/41

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: 30.145+/-0.350 χ^2/NDF : 213.5/2

Right Out: -22.175+/-0.339 χ^2/NDF : 4039.8/19

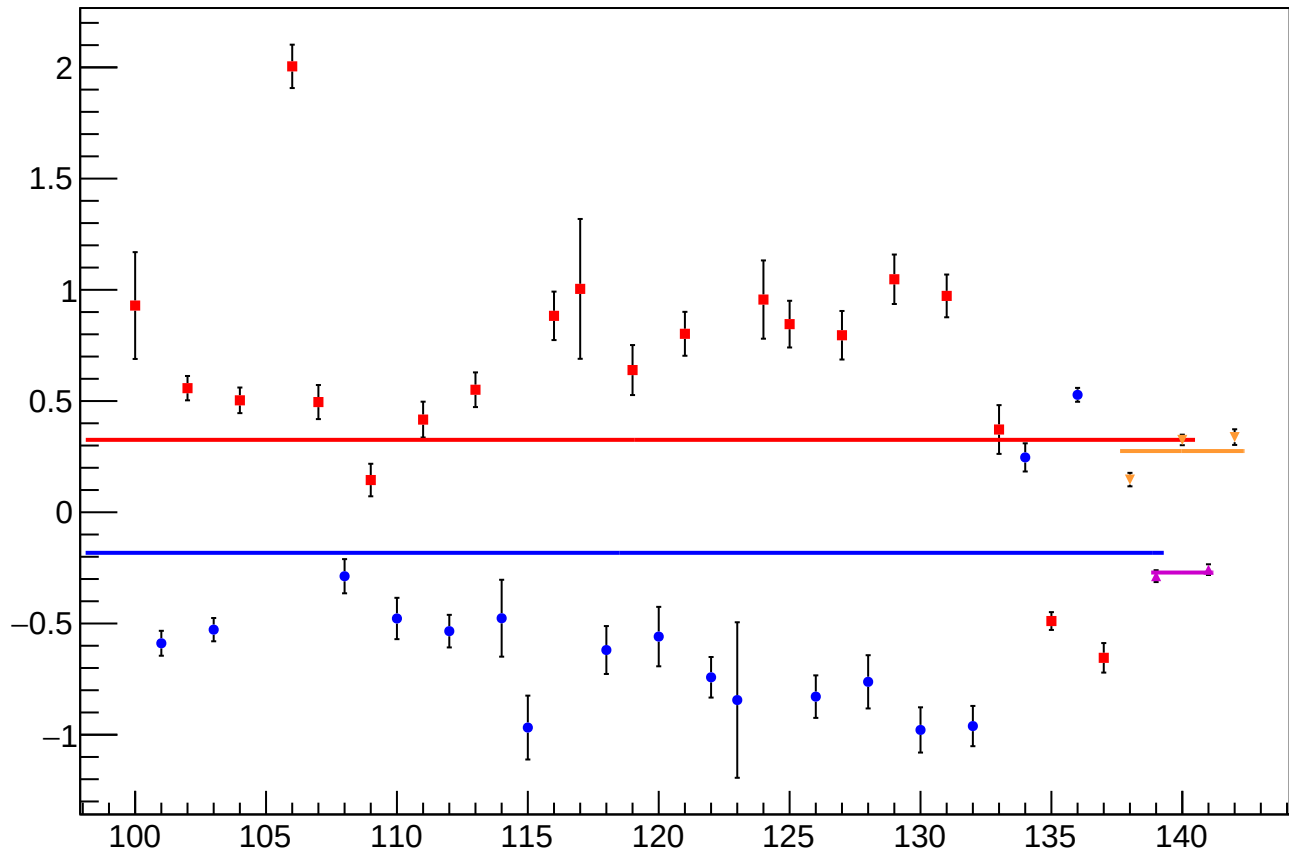
Left In: -33.759+/-0.445 χ^2/NDF : 50.0/1

26.356+/-0.239 χ^2/NDF : 4777.9/19

3.170+/-0.179 χ^2/NDF : 30795.7/41

-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: 0.275+/-0.016 χ^2/NDF : 25.6/2

Right Out: 0.326+/-0.018 χ^2/NDF : 1189.1/19

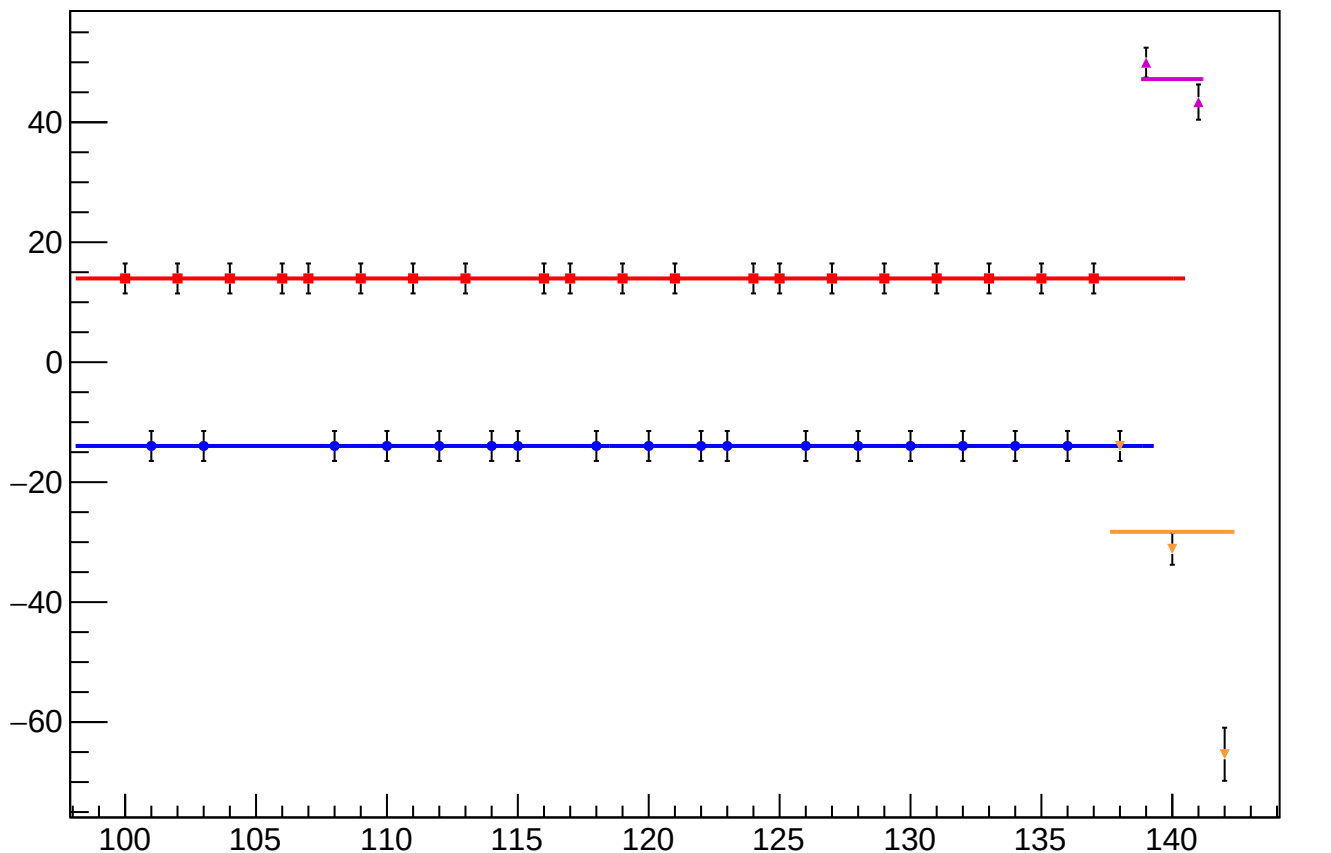
Left In: -0.271+/-0.018 χ^2/NDF : 0.7/1

0.063+/-0.012 χ^2/NDF : 1381.0/19

0.044+/-0.009 χ^2/NDF : 3126.3/41

0.022+/-0.013 χ^2/NDF : 1739.9/21

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.963 ± 0.606 χ^2/NDF : 0.0/16

Left Out: -28.283 ± 1.682 χ^2/NDF : 104.2/2

Right Out: 13.963 ± 0.559 χ^2/NDF : 0.0/19

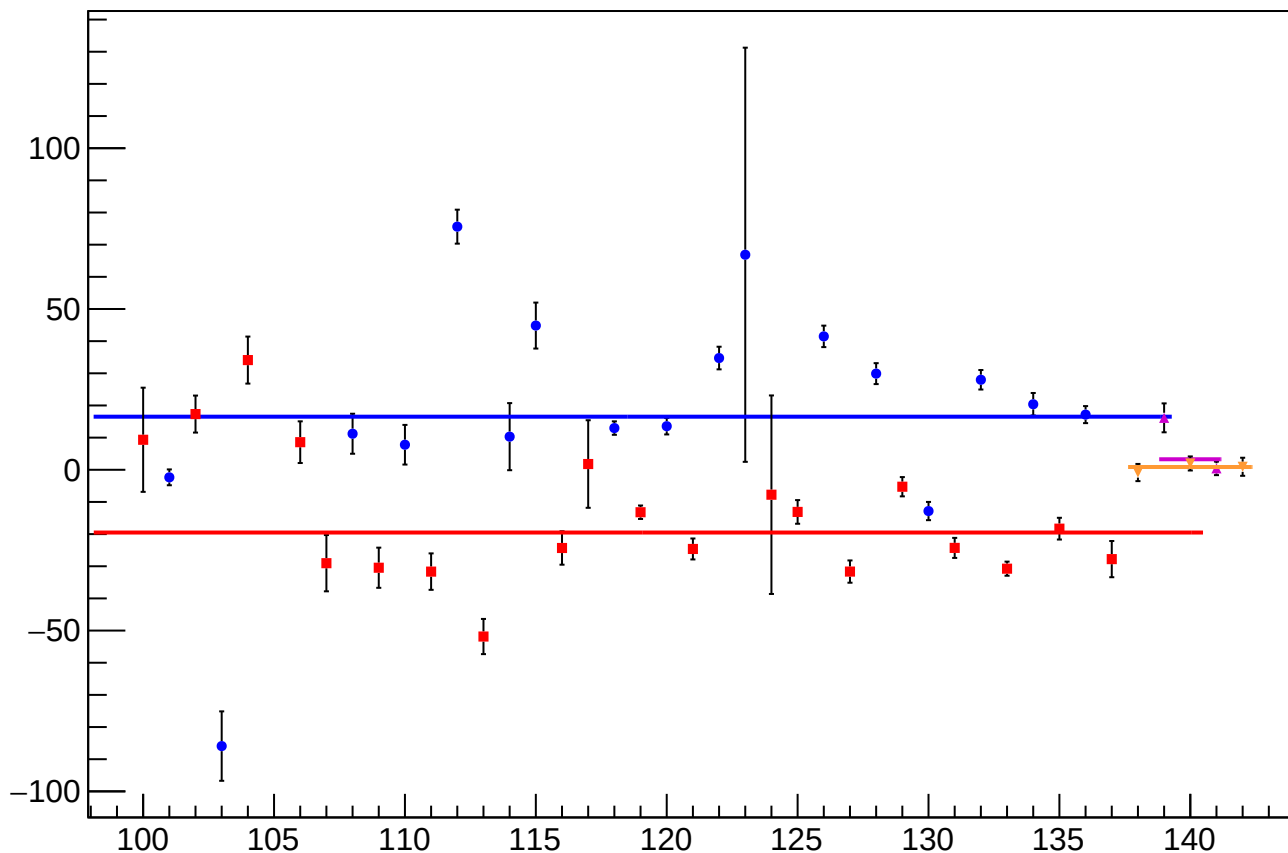
Left In: 47.195 ± 1.902 χ^2/NDF : 2.9/1

-15.607 ± 0.570 χ^2/NDF : 168.3/19

1.489 ± 0.390 χ^2/NDF : 2147.6/41

16.603 ± 0.536 χ^2/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: 0.863+/-1.449 χ^2/NDF : 0.7/2

Right Out: -19.512+/-0.896 χ^2/NDF : 244.4/19

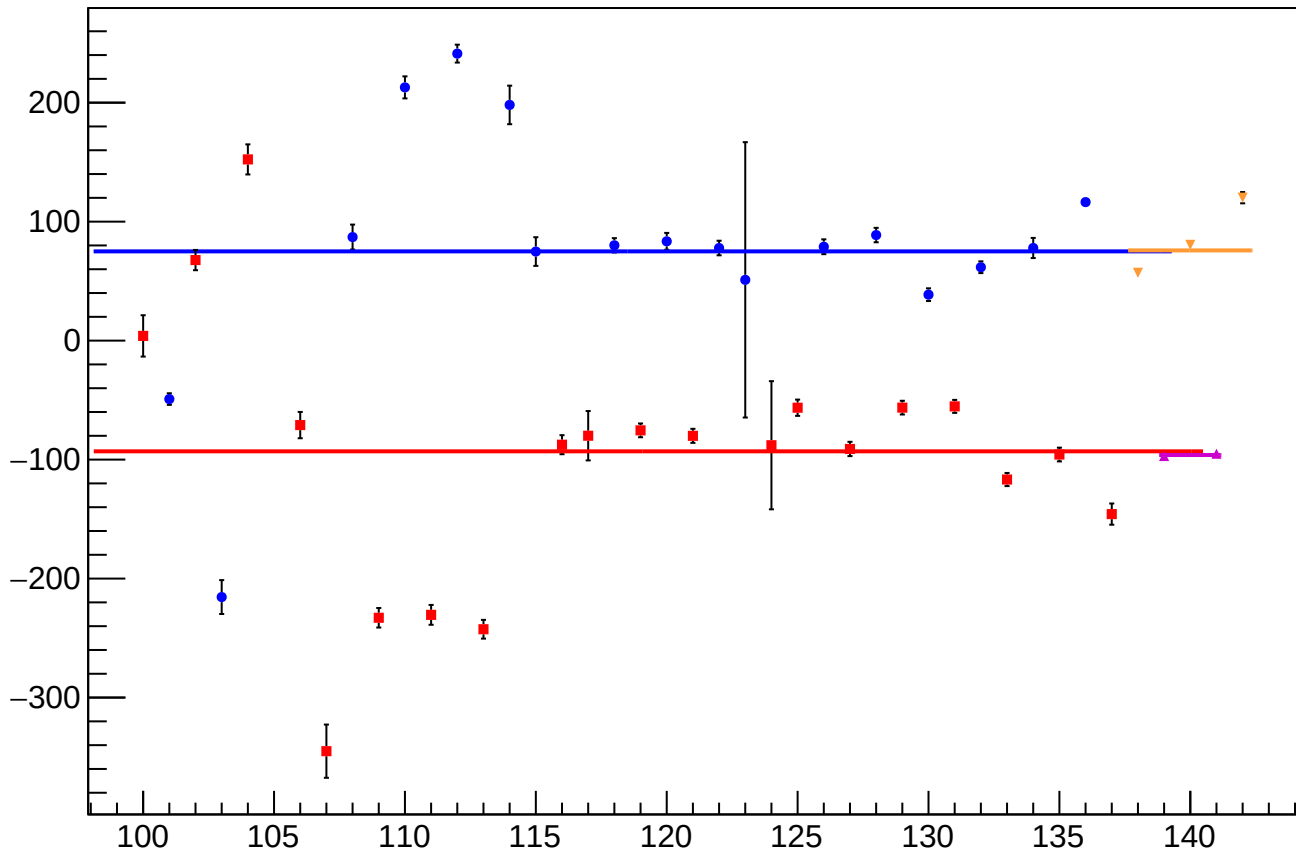
Left In: 3.272+/-1.909 χ^2/NDF : 10.0/1

12.526+/-0.732 χ^2/NDF : 607.2/19

0.006+/-0.543 χ^2/NDF : 1631.4/41

-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: 75.811 ± 1.808 χ^2/NDF : 138.4/2

Right Out: -93.051 ± 1.705 χ^2/NDF : 2002.7/19

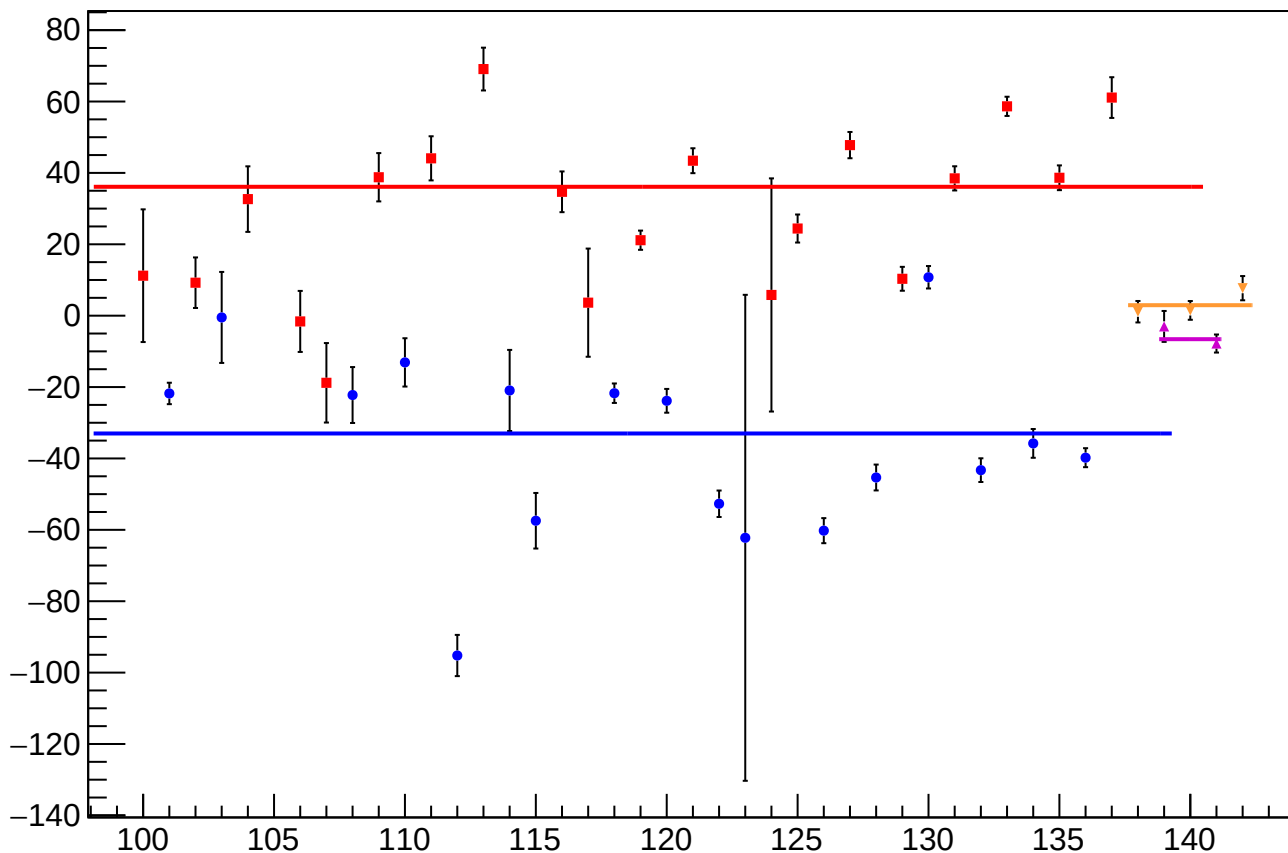
Left In: -96.157 ± 2.043 χ^2/NDF : 0.2/1

75.370 ± 1.213 χ^2/NDF : 2137.9/19

-3.016 ± 0.890 χ^2/NDF : 13182.2/41

-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: 2.938 ± 1.709 χ^2/NDF : 2.7/2

Right Out: 36.112 ± 1.023 χ^2/NDF : 301.7/19

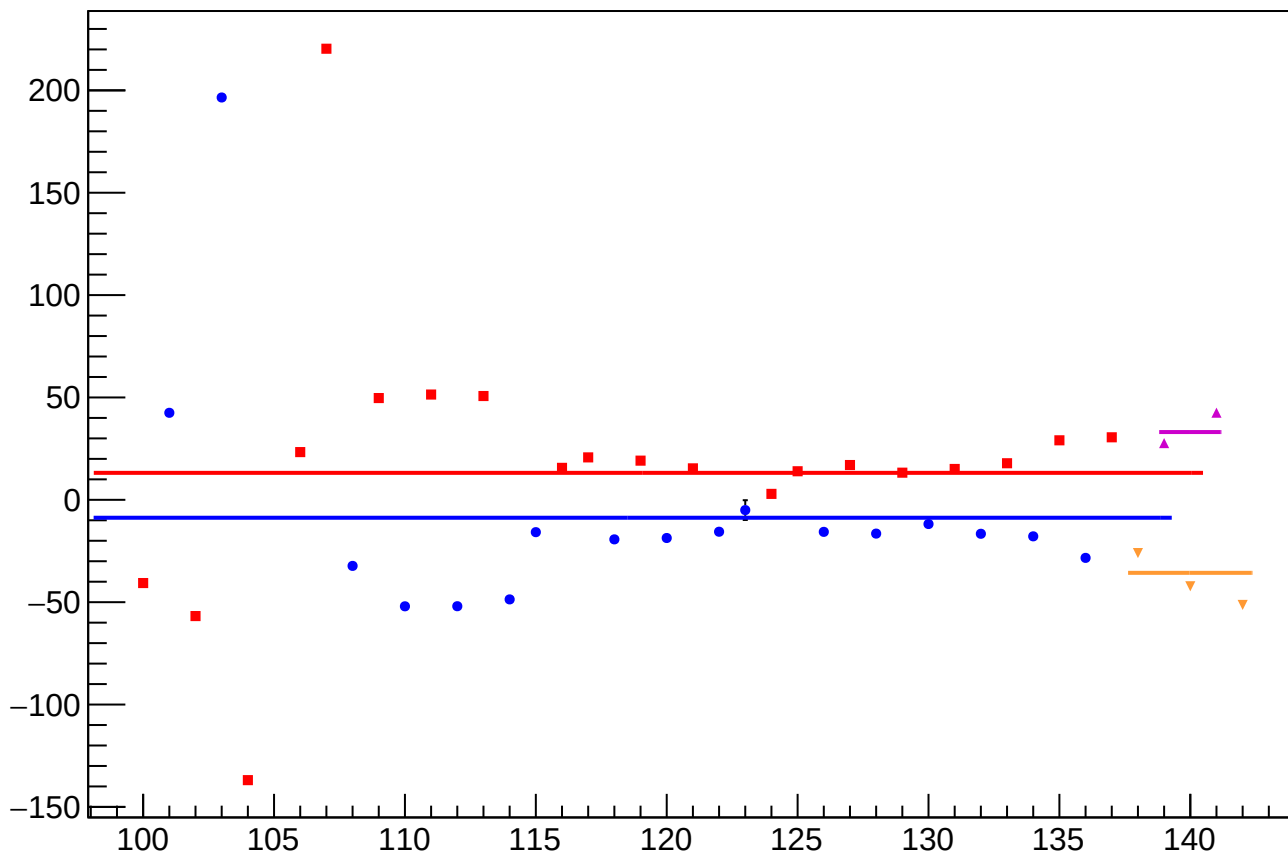
Left In: -6.585 ± 2.184 χ^2/NDF : 0.9/1

-24.222 ± 0.845 χ^2/NDF : 830.0/19

-0.319 ± 0.624 χ^2/NDF : 3209.9/41

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: -35.664 ± 0.074 $\chi^2/\text{NDF}: 18091.2/2$

Right Out: 13.175 ± 0.062 $\chi^2/\text{NDF}: 558691.6/19$

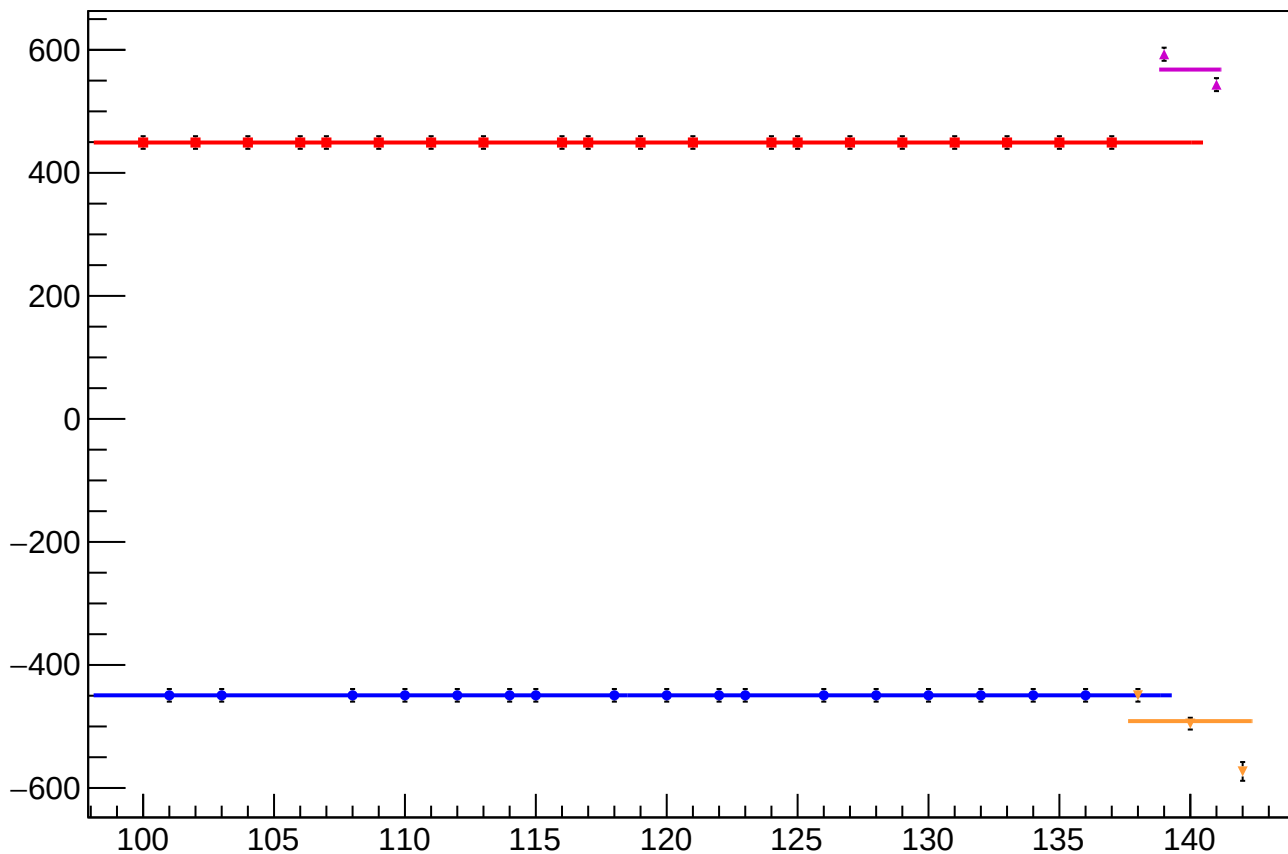
Left In: 33.102 ± 0.076 $\chi^2/\text{NDF}: 8860.5/1$

-19.219 ± 0.046 $\chi^2/\text{NDF}: 675571.7/19$

0.132 ± 0.033 $\chi^2/\text{NDF}: 1653746.5/41$

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 $\pm$ 2.496 χ^2 /NDF: 0.0/16

Left Out: -491.295 $\pm$ 6.377 χ^2 /NDF: 45.5/2

Right Out: 449.364 $\pm$ 2.301 χ^2 /NDF: 0.0/19

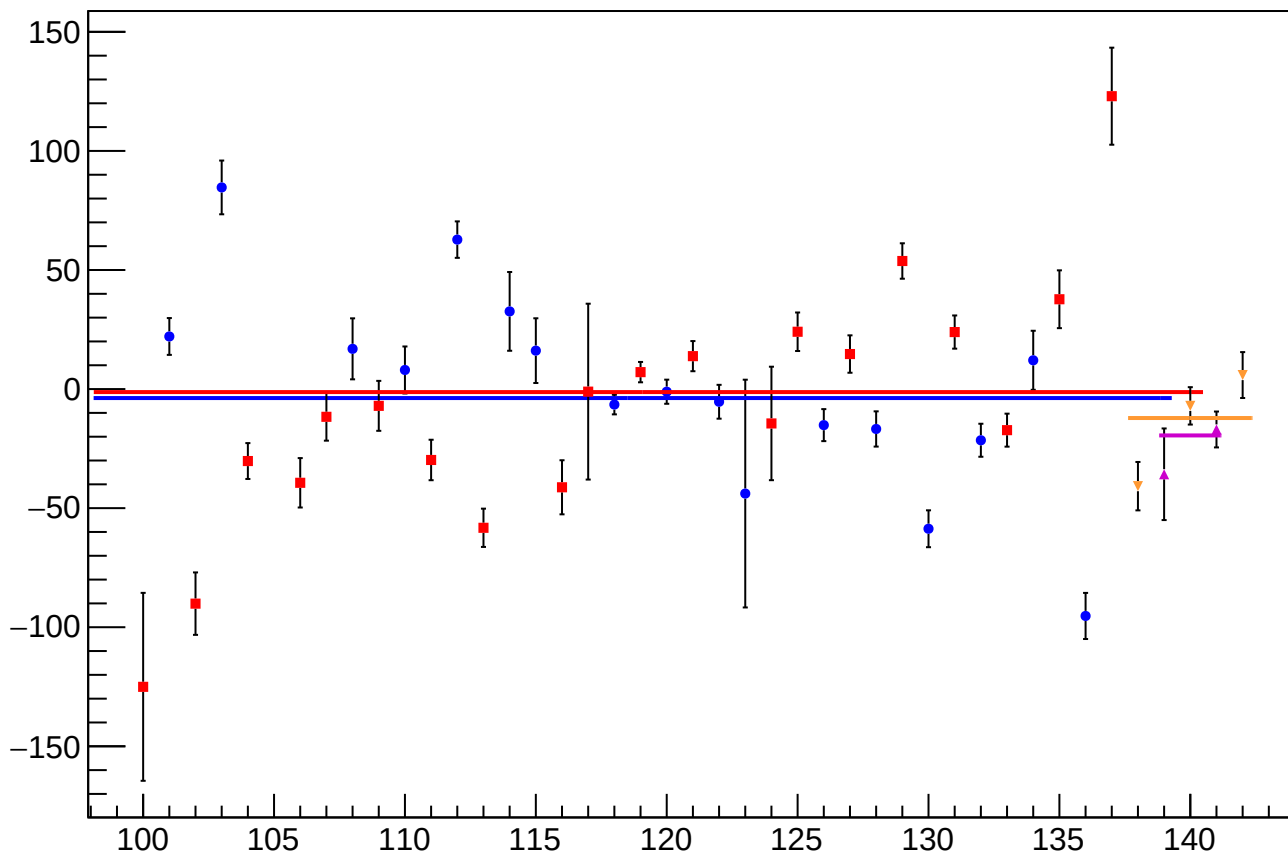
Left In: 567.954 $\pm$ 7.517 χ^2 /NDF: 10.8/1

-454.935 $\pm$ 2.325 χ^2 /NDF: 83.0/19

27.322 $\pm$ 1.598 χ^2 /NDF: 81935.2/41

459.529 $\pm$ 2.201 χ^2 /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: -12.157 ± 5.222 χ^2/NDF : 11.9/2

Right Out: -1.265 ± 1.918 χ^2/NDF : 303.7/19

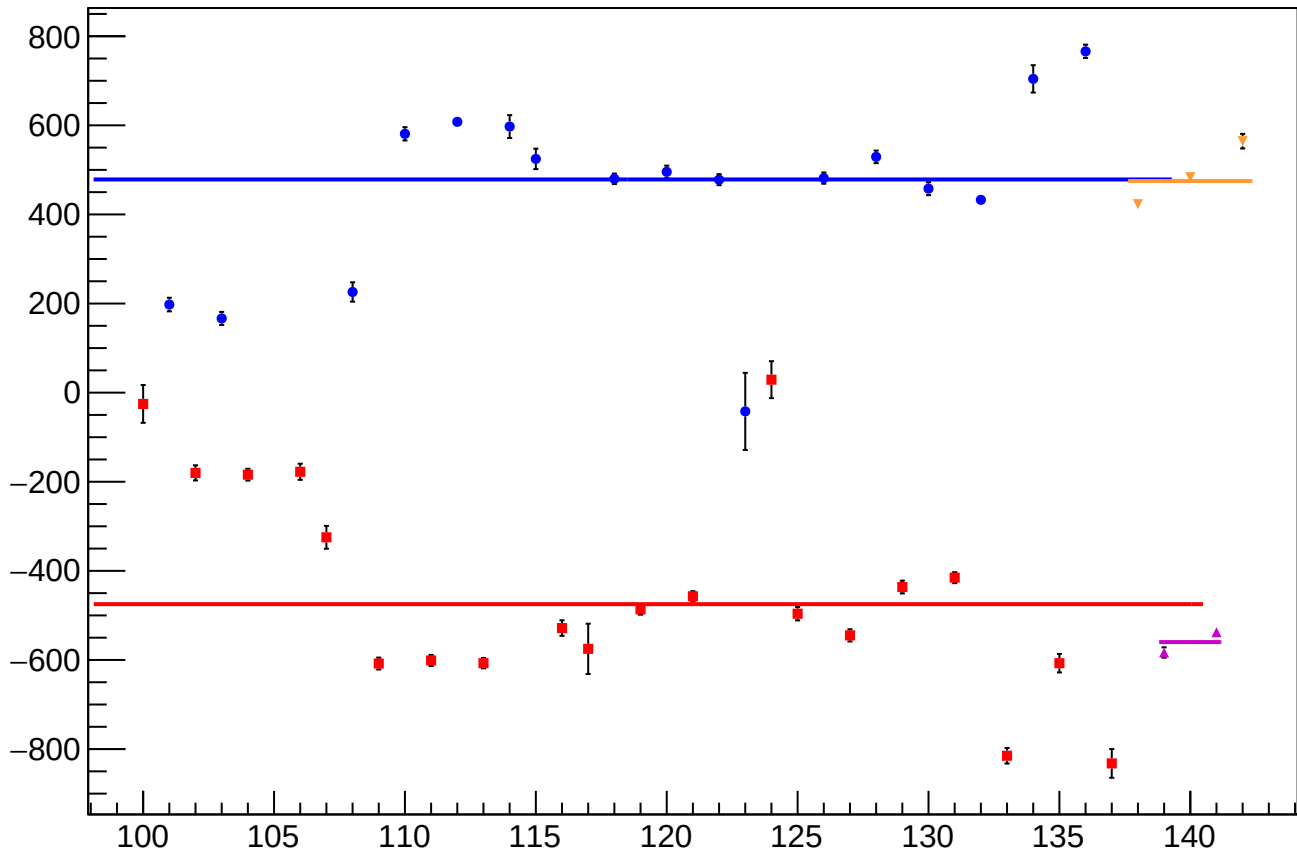
Left In: -19.468 ± 7.016 χ^2/NDF : 0.8/1

-4.743 ± 1.776 χ^2/NDF : 328.5/19

-3.682 ± 1.281 χ^2/NDF : 640.0/41

-2.530 ± 1.850 χ^2/NDF : 310.8/21

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.526 ± 3.630 χ^2/NDF : 1629.0/16

Left Out: 474.954 ± 6.843 χ^2/NDF : 52.4/2

Right Out: -474.721 ± 3.526 χ^2/NDF : 2290.3/19

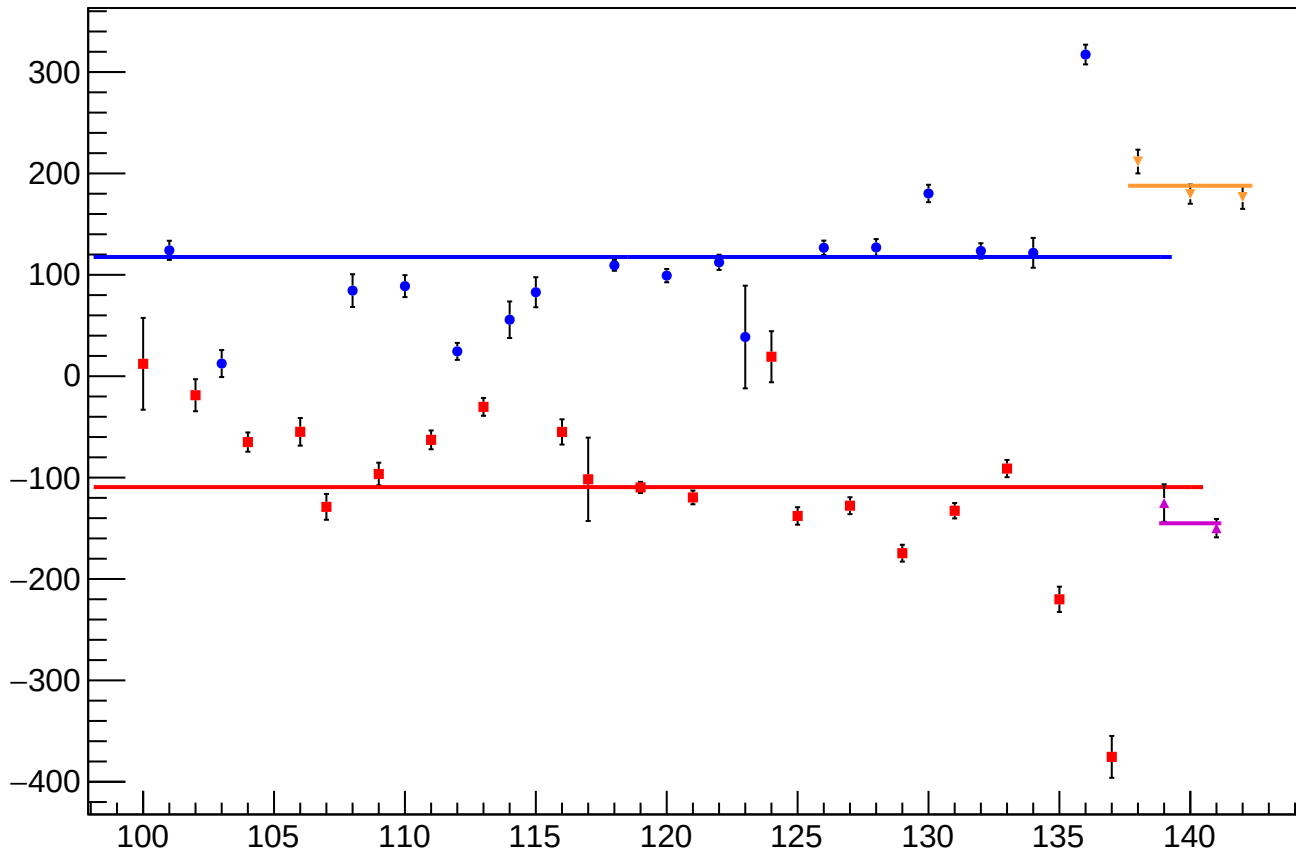
Left In: -559.827 ± 8.063 χ^2/NDF : 8.0/1

477.742 ± 3.207 χ^2/NDF : 1681.7/19

-1.765 ± 2.276 χ^2/NDF : 49123.2/41

-488.381 ± 3.230 χ^2/NDF : 2391.8/21

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.585 $\pm$ 2.193 χ^2/NDF : 706.9/16

Left Out: 187.874 $\pm$ 6.230 χ^2/NDF : 5.8/2

Right Out: -109.378 $\pm$ 2.207 χ^2/NDF : 571.2/19

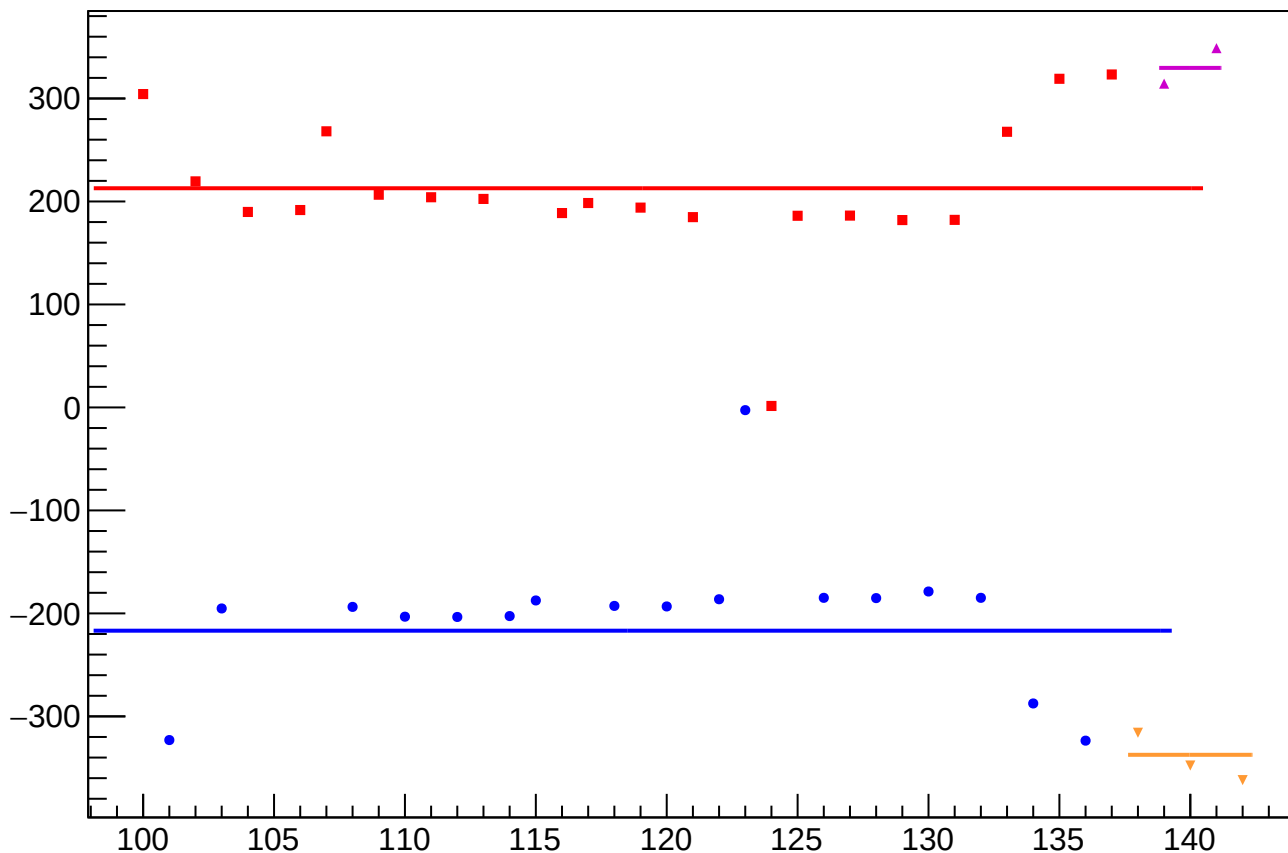
Left In: -145.058 $\pm$ 8.150 χ^2/NDF : 1.4/1

125.334 $\pm$ 2.068 χ^2/NDF : 826.0/19

10.231 $\pm$ 1.484 χ^2/NDF : 7796.6/41

-111.815 $\pm$ 2.130 χ^2/NDF : 590.5/21

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -337.317+/-0.284 χ^2/NDF : 4275.5/2

Right Out: 212.832+/-0.130 χ^2/NDF : 116424.5/19

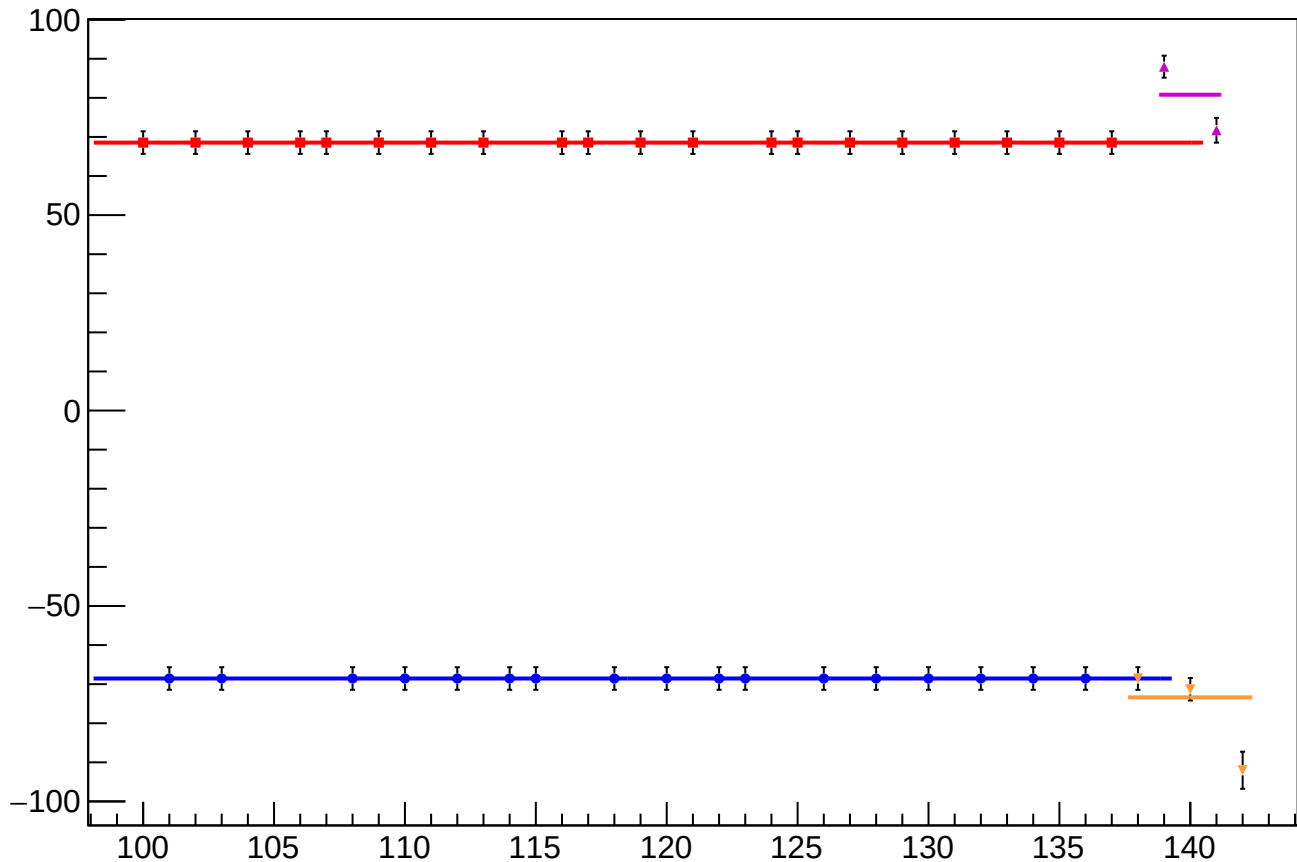
Left In: 329.705+/-0.304 χ^2/NDF : 3179.4/1

-239.198+/-0.122 χ^2/NDF : 297979.8/19

1.497+/-0.086 χ^2/NDF : 8096241.0/41

230.931+/-0.119 χ^2/NDF : 244792.4/21

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -68.551 ± 0.701 χ^2/NDF : 0.0/16

Left Out: -73.378 ± 1.873 χ^2/NDF : 18.7/2

Right Out: 68.551 ± 0.647 χ^2/NDF : 0.0/19

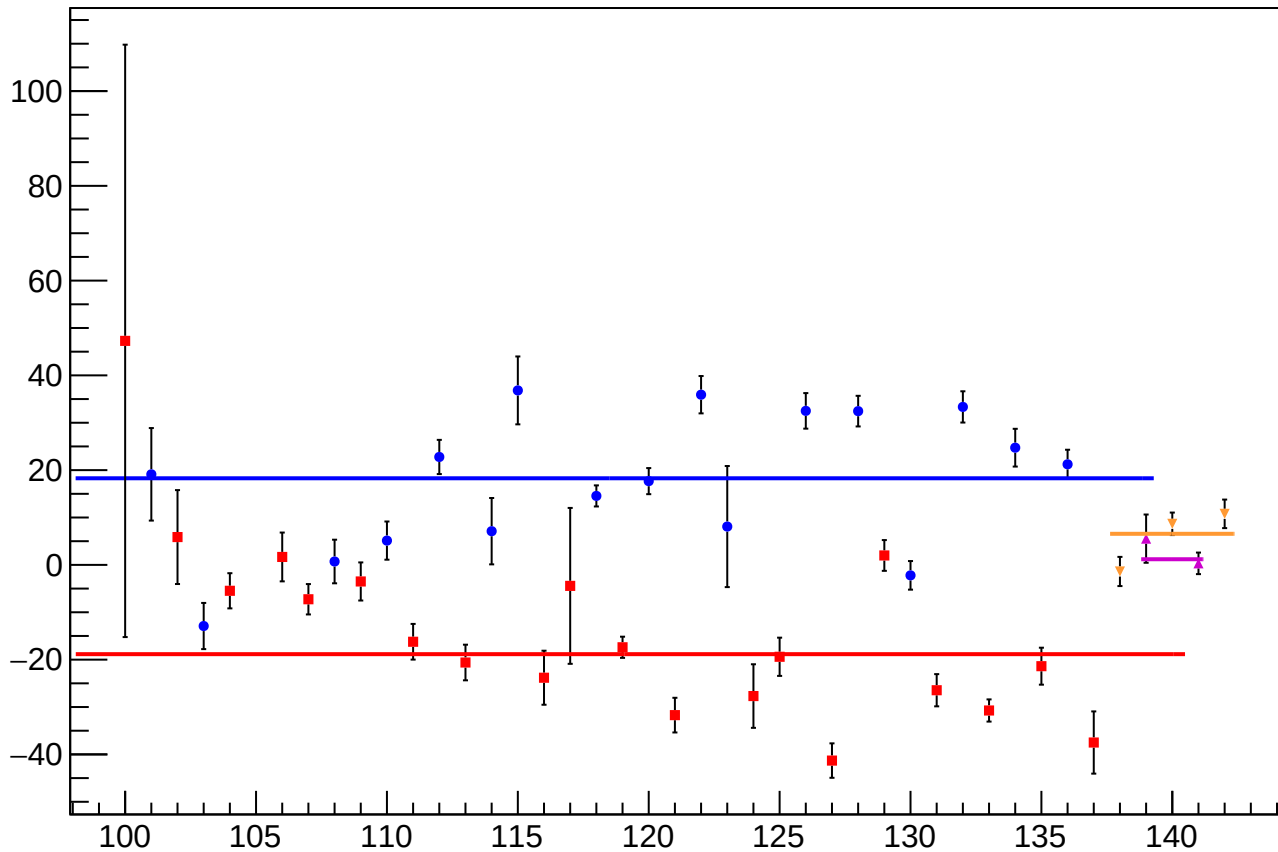
Left In: 80.800 ± 2.106 χ^2/NDF : 14.7/1

-69.145 ± 0.657 χ^2/NDF : 24.6/19

4.436 ± 0.450 χ^2/NDF : 23734.9/41

69.606 ± 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: 6.559 ± 1.595 χ^2/NDF : 9.4/2

Right Out: -18.842 ± 0.863 χ^2/NDF : 199.2/19

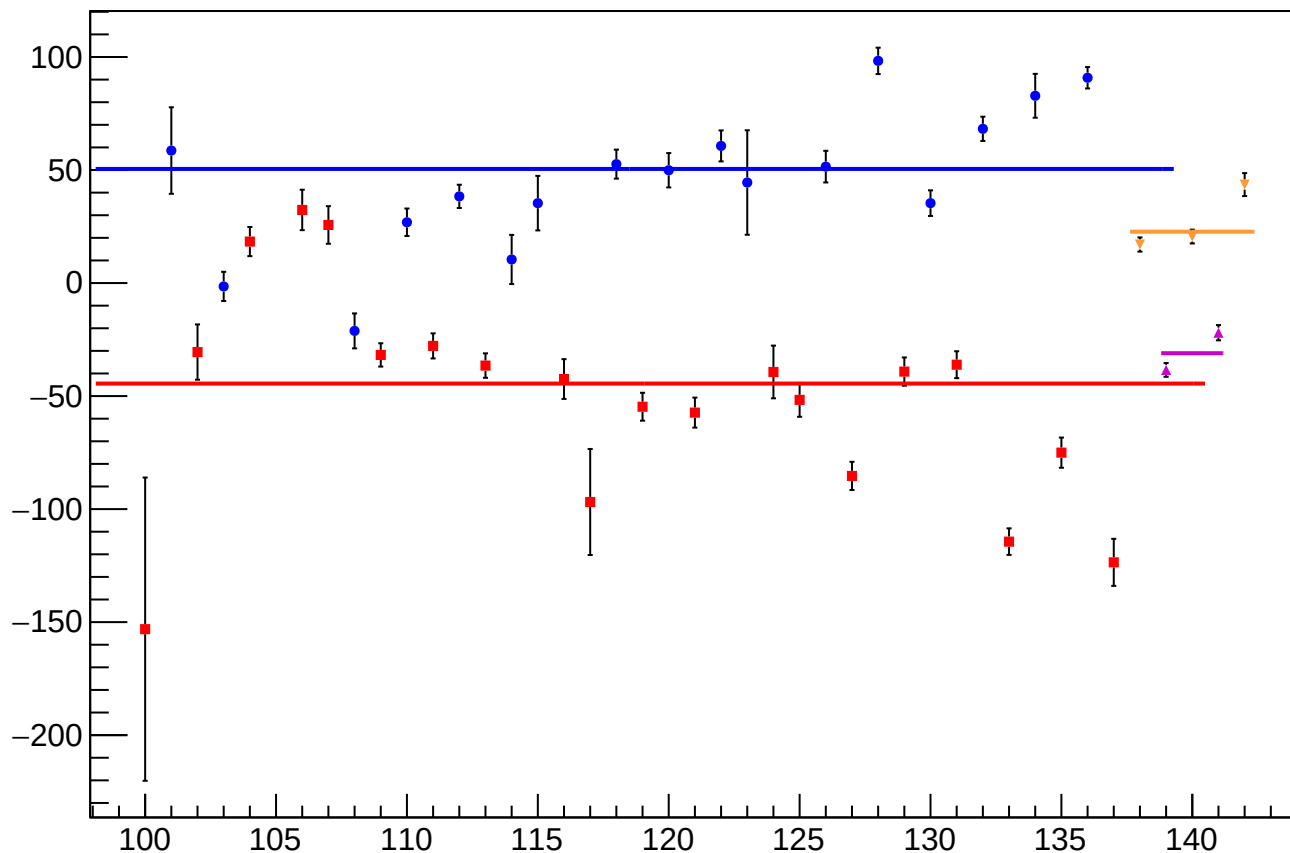
Left In: 1.192 ± 2.077 χ^2/NDF : 0.9/1

15.423 ± 0.787 χ^2/NDF : 254.8/19

-0.044 ± 0.560 χ^2/NDF : 1315.3/41

-15.891 ± 0.797 χ^2/NDF : 279.4/21

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.482 $\pm$ 1.668 χ^2/NDF : 357.9/16

Left Out: 22.729 $\pm$ 2.012 χ^2/NDF : 20.6/2

Right Out: -44.466 $\pm$ 1.599 χ^2/NDF : 539.4/19

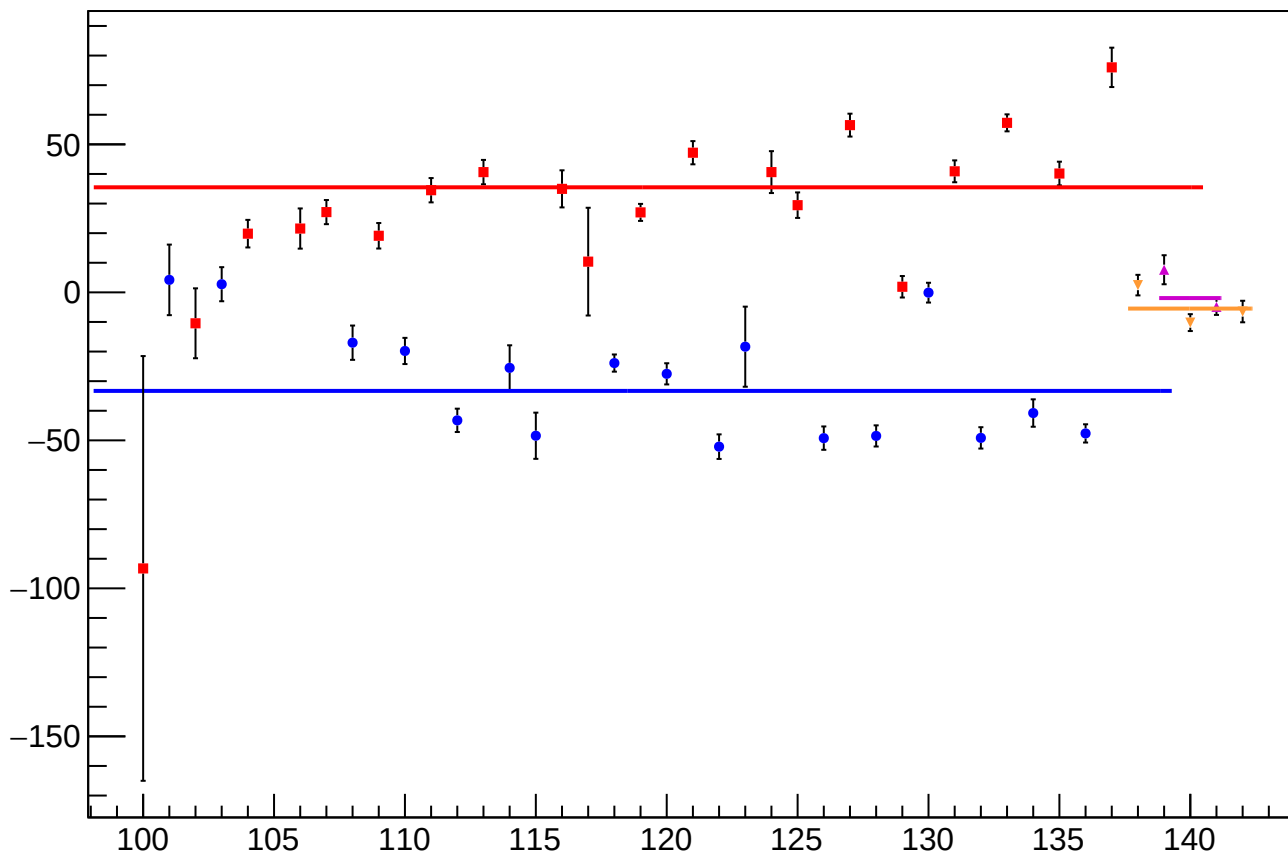
Left In: -31.027 $\pm$ 2.262 χ^2/NDF : 13.1/1

39.176 $\pm$ 1.284 χ^2/NDF : 491.3/19

0.252 $\pm$ 0.915 χ^2/NDF : 2936.3/41

-39.989 $\pm$ 1.306 χ^2/NDF : 576.1/21

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -5.479 ± 1.885 χ^2/NDF : 8.1/2

Right Out: 35.491 ± 0.991 χ^2/NDF : 289.5/19

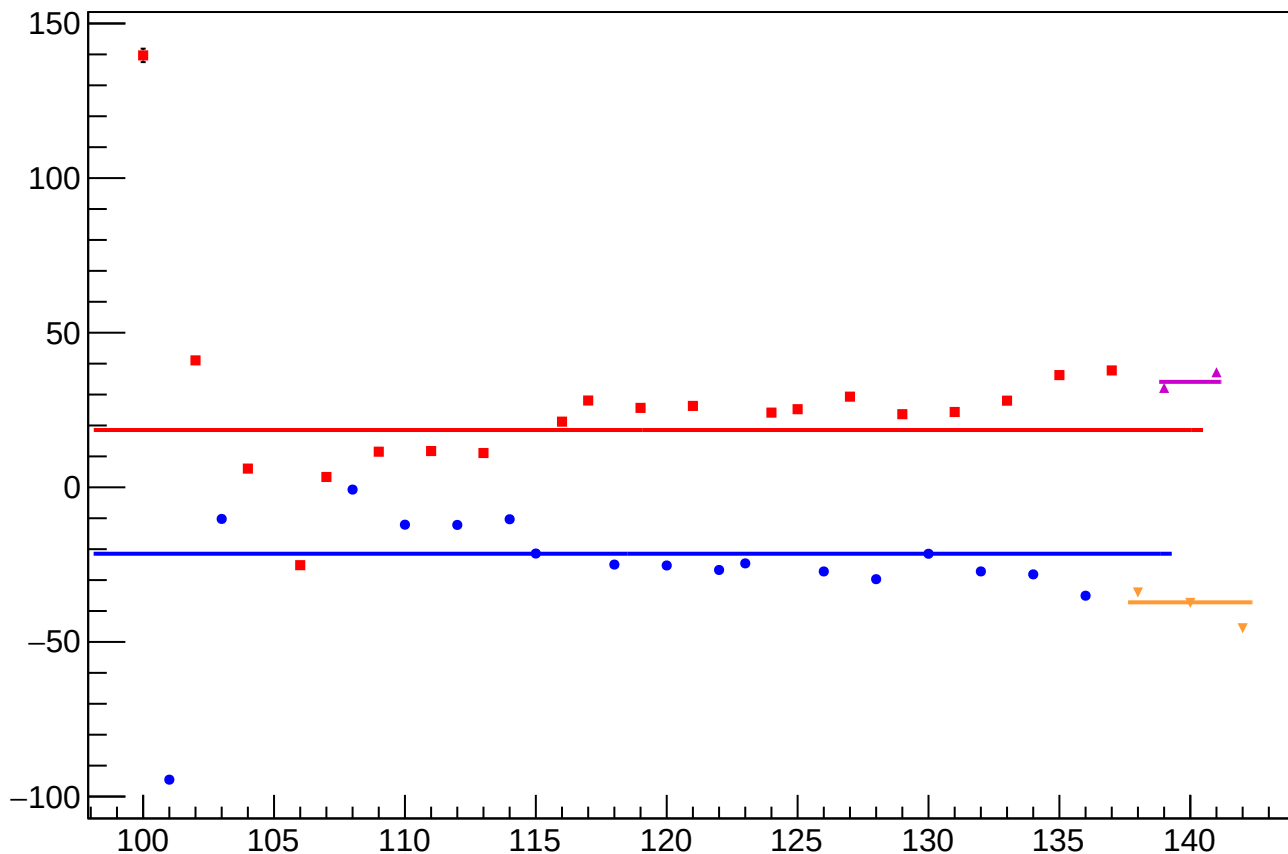
Left In: -1.931 ± 2.384 χ^2/NDF : 5.0/1

-26.867 ± 0.906 χ^2/NDF : 464.6/19

1.267 ± 0.644 χ^2/NDF : 2918.1/41

29.976 ± 0.915 χ^2/NDF : 504.7/21

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.476+/-0.059 χ^2/NDF : 49009.8/16

Left Out: -37.193+/-0.082 χ^2/NDF : 2385.0/2

Right Out: 18.533+/-0.057 χ^2/NDF : 80812.7/19

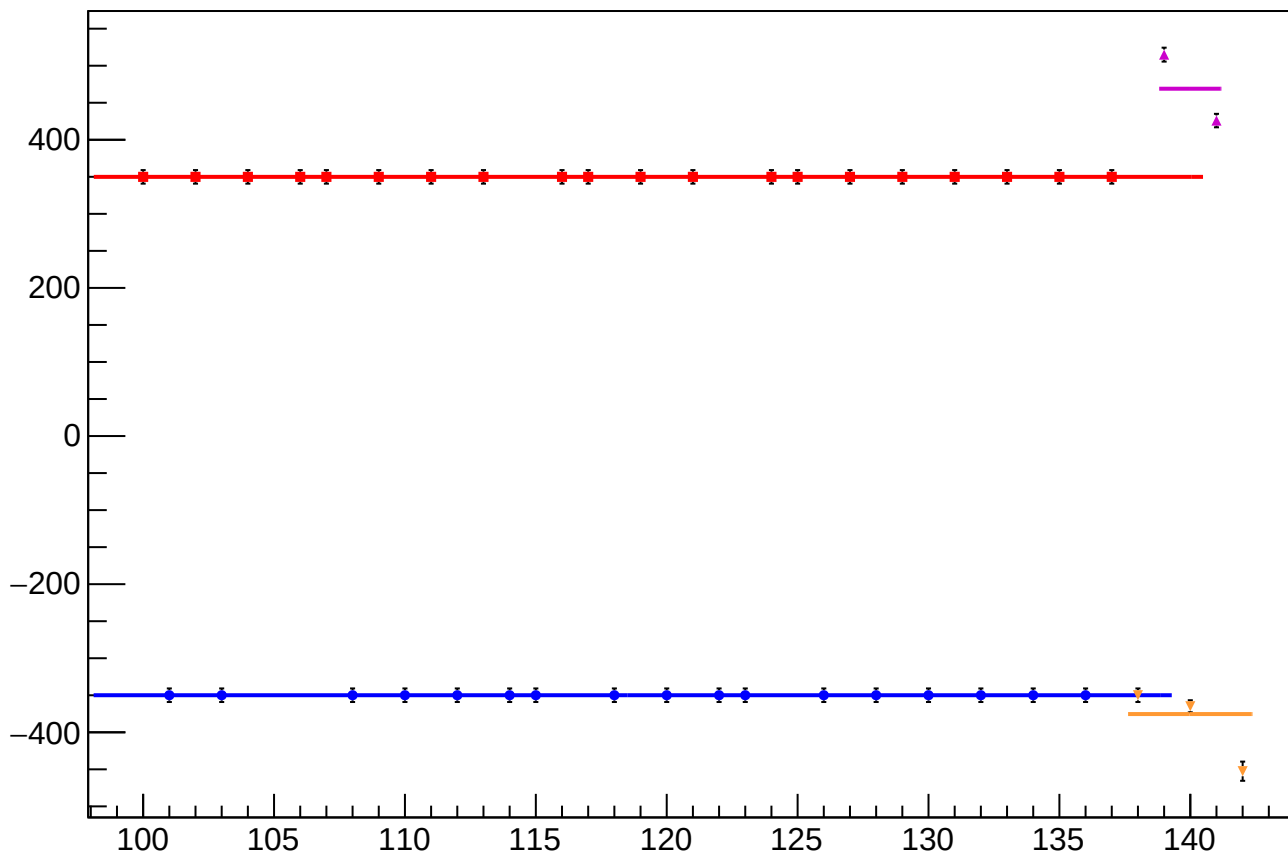
Left In: 34.108+/-0.084 χ^2/NDF : 853.0/1

-26.768+/-0.048 χ^2/NDF : 75550.2/19

-1.439+/-0.034 χ^2/NDF : 737473.0/41

23.449+/-0.047 χ^2/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: -375.356+/-5.519 χ^2 /NDF:44.8/2

Right Out: 349.933+/-2.049 χ^2 /NDF: 0.0/19

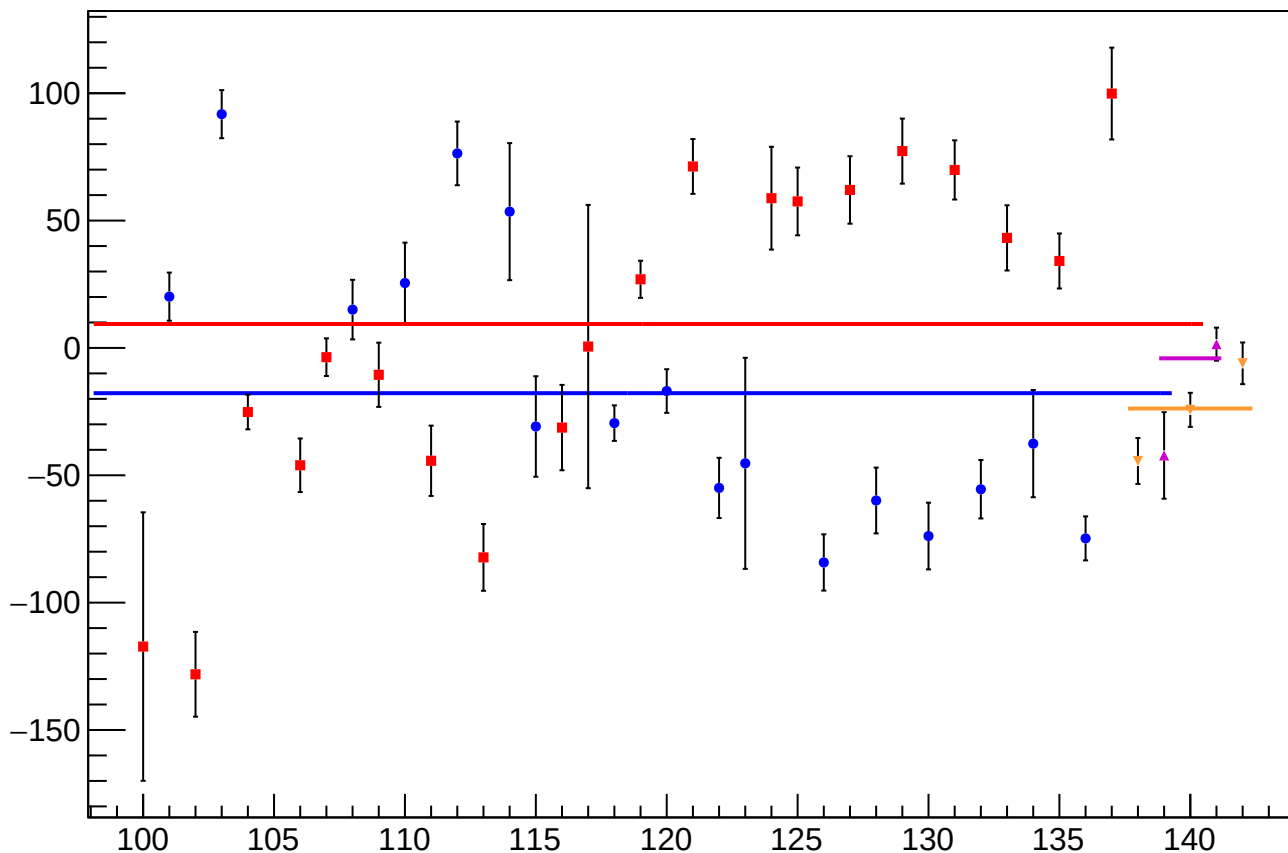
Left In: 468.940+/-6.539 χ^2 /NDF:46.3/1

-353.481+/-2.062 χ^2 /NDF: 63.1/19

22.438+/-1.419 χ^2 /NDF: 63541.7/41

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 χ^2/NDF : 363.9/16

Left Out: -23.789 ± 4.489 χ^2/NDF : 9.9/2

Right Out: 9.397 ± 2.610 χ^2/NDF : 369.6/19

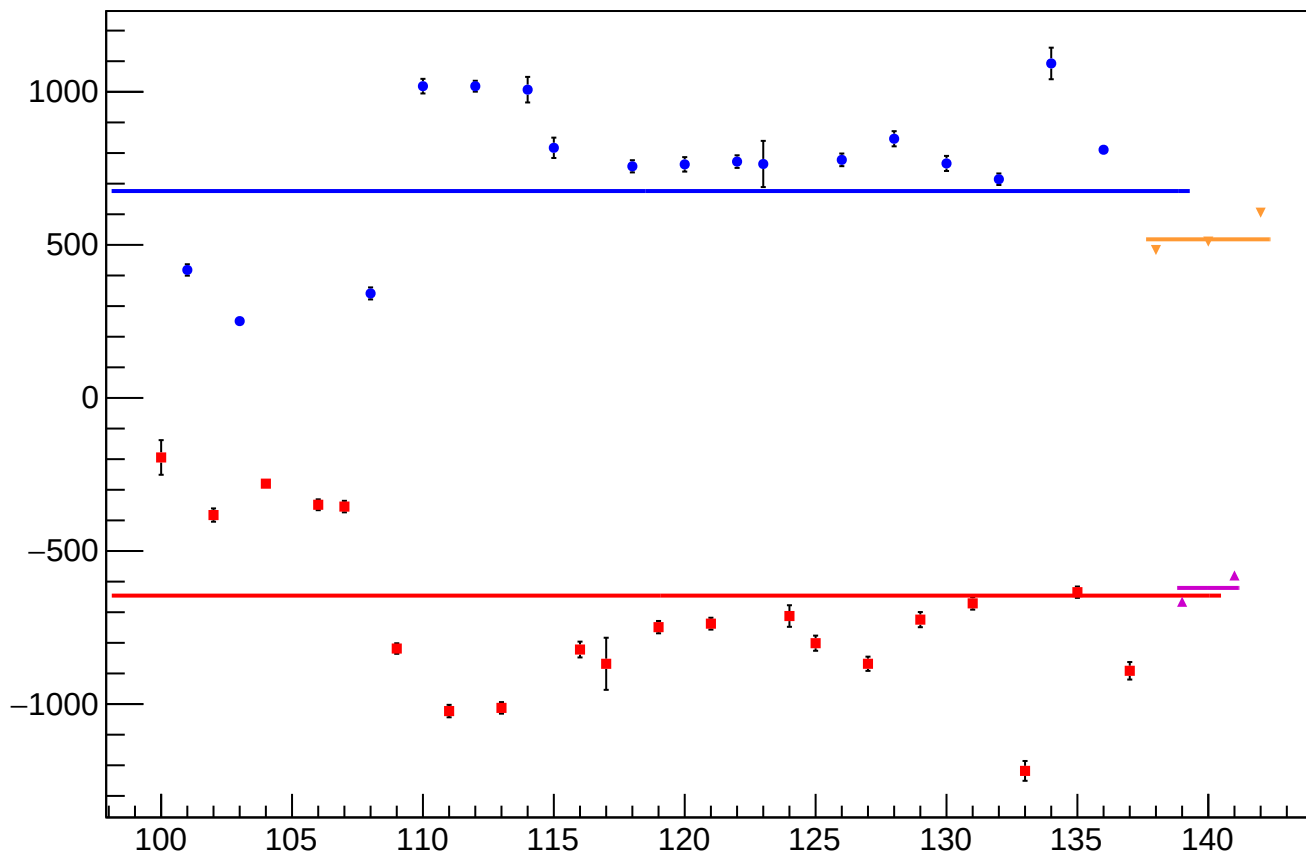
Left In: -4.083 ± 6.053 χ^2/NDF : 5.8/1

-19.436 ± 2.364 χ^2/NDF : 375.1/19

-6.259 ± 1.683 χ^2/NDF : 817.6/41

7.283 ± 2.397 χ^2/NDF : 379.6/21

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.871 ± 5.037 χ^2/NDF : 2586.4/16

Left Out: 518.138 ± 5.920 χ^2/NDF : 52.5/2

Right Out: -645.711 ± 4.753 χ^2/NDF : 3130.1/19

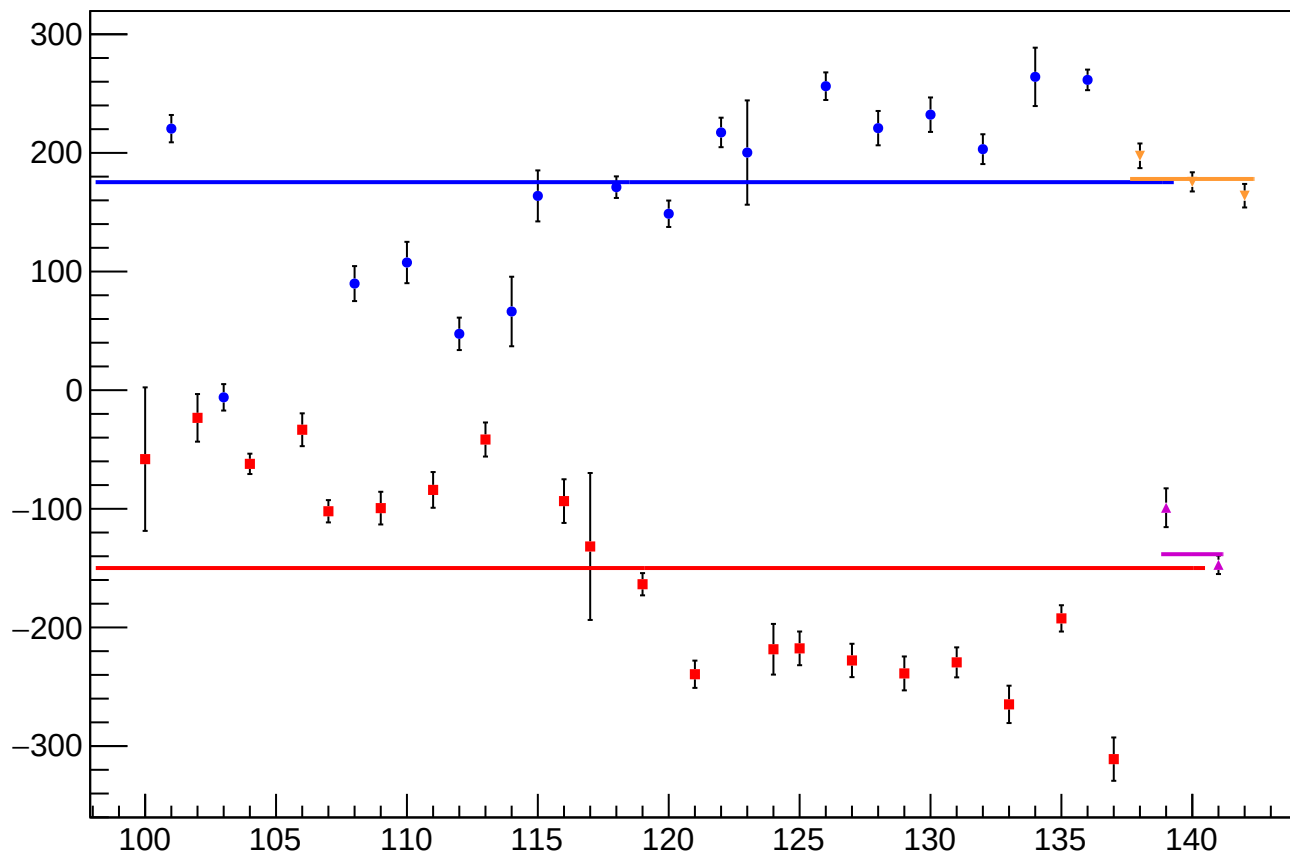
Left In: -620.599 ± 7.011 χ^2/NDF : 37.5/1

609.633 ± 3.836 χ^2/NDF : 3050.7/19

1.664 ± 2.747 χ^2/NDF : 57758.2/41

-637.803 ± 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: 178.034 +/- 5.363 χ^2/NDF : 5.7/2

Right Out: -149.923 +/- 3.041 χ^2/NDF : 693.2/19

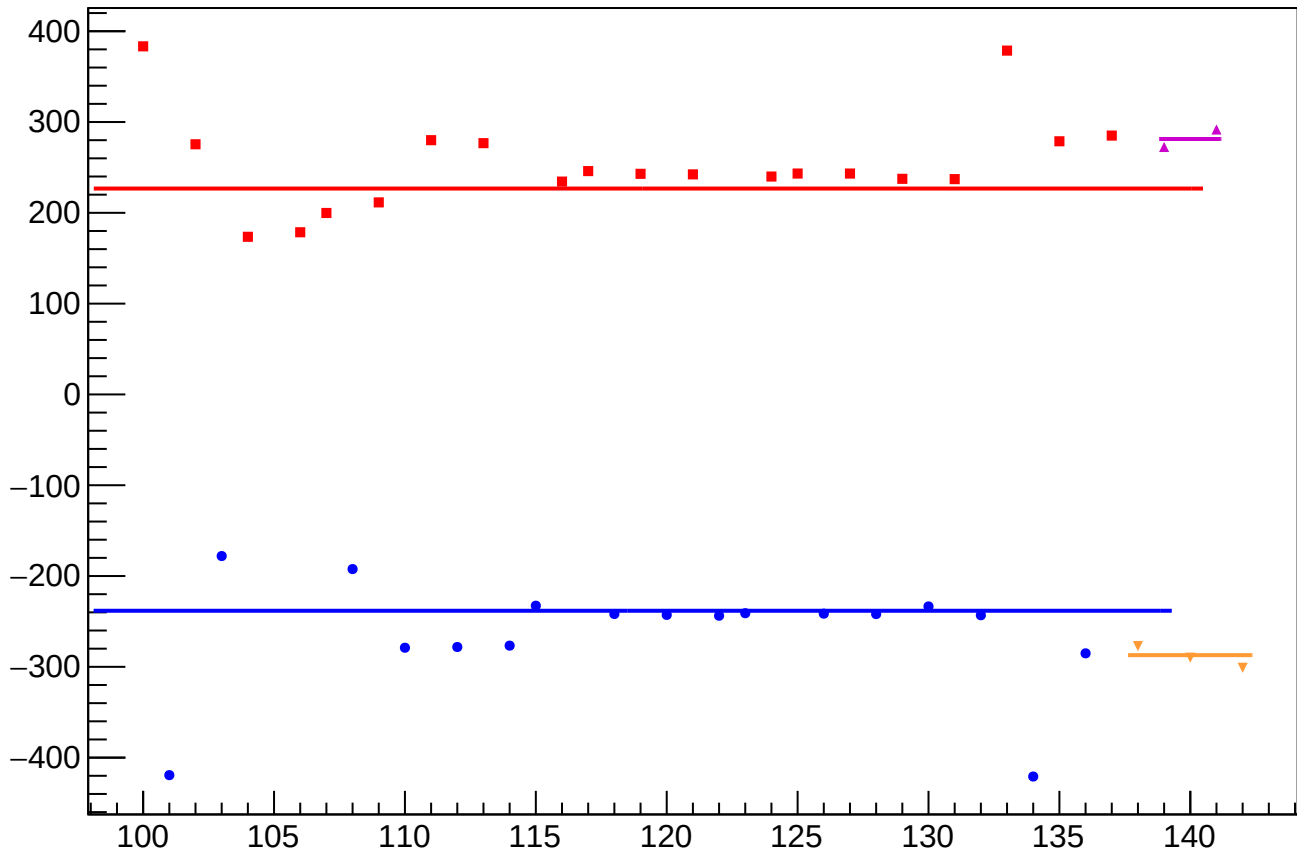
Left In: -138.264 +/- 7.042 χ^2/NDF : 7.0/1

176.049 +/- 2.750 χ^2/NDF : 644.3/19

16.455 +/- 1.959 χ^2/NDF : 8188.3/41

-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: -287.120+/-0.246 χ^2/NDF :1307.6/2

Right Out: 226.735+/-0.151 χ^2/NDF : 102855.7/19

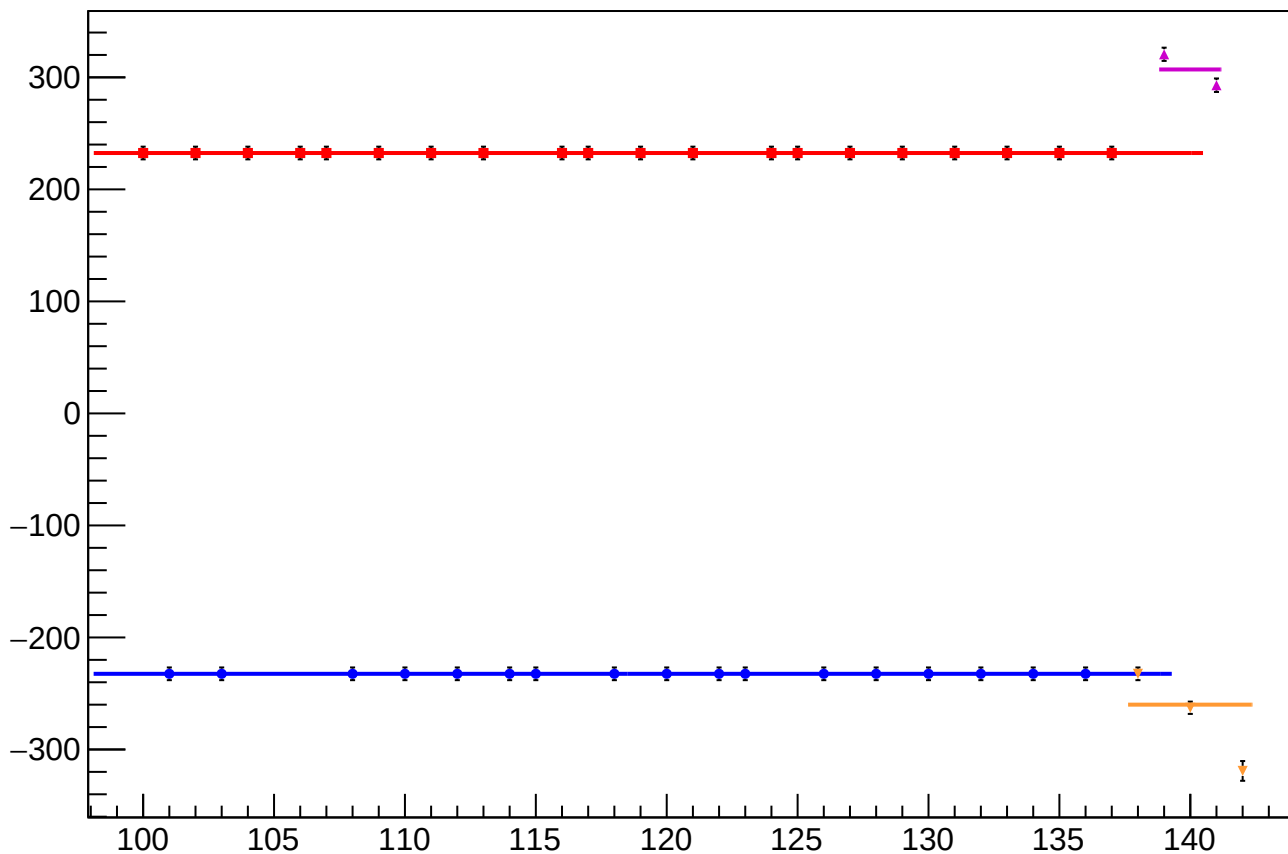
Left In: 281.315+/-0.265 χ^2/NDF :1308.6/1

-252.755+/-0.134 χ^2/NDF : 196155.0/19

-0.896+/-0.094 χ^2/NDF : 7235142.1/41

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 ± 1.378 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -259.982 ± 3.604 $\chi^2/\text{NDF}: 68.7/2$

Right Out: 232.456 ± 1.270 $\chi^2/\text{NDF}: 0.0/19$

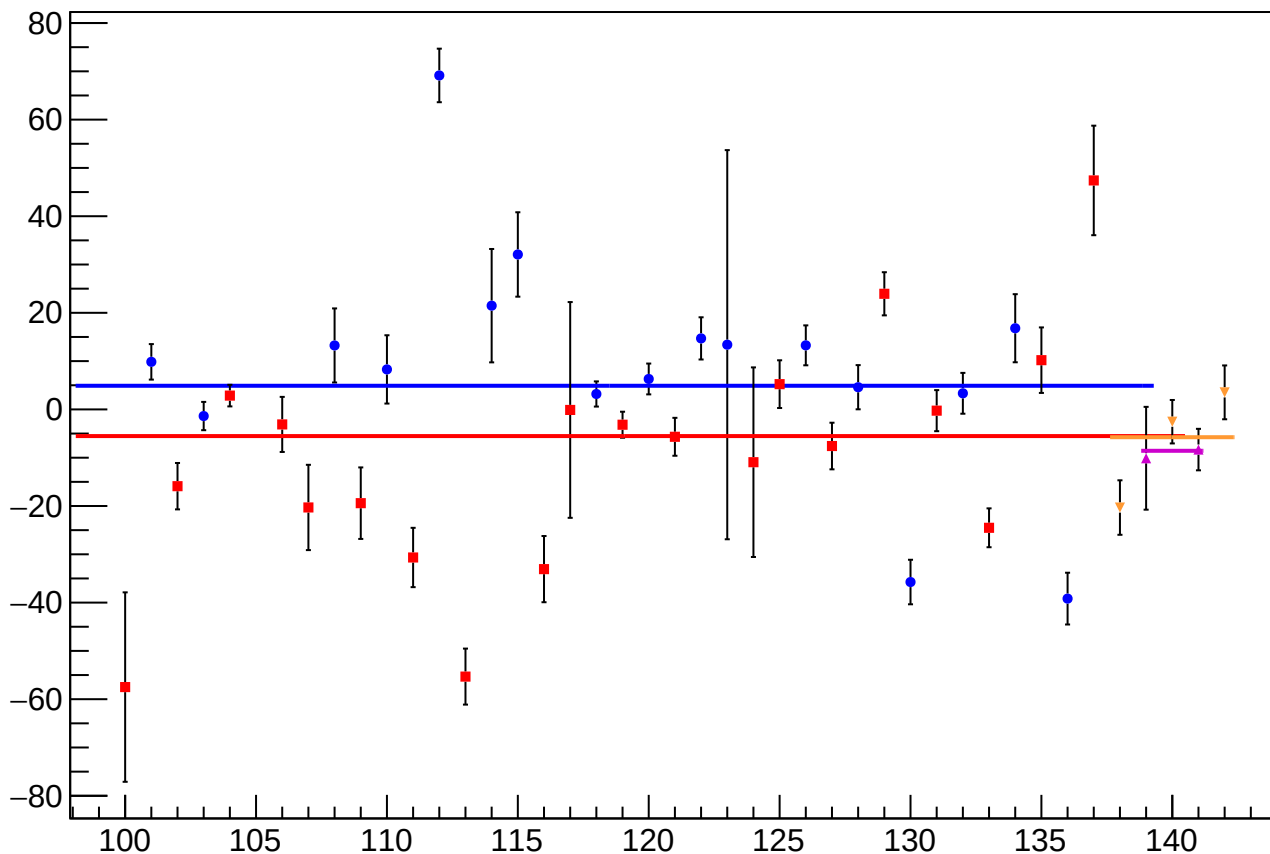
Left In: 307.040 ± 4.223 $\chi^2/\text{NDF}: 10.7/1$

-235.965 ± 1.287 $\chi^2/\text{NDF}: 119.6/19$

14.703 ± 0.884 $\chi^2/\text{NDF}: 72251.4/41$

238.643 ± 1.216 $\chi^2/\text{NDF}: 296.7/21$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Left Out: -5.755 ± 2.974 χ^2/NDF : 10.0/2

Right Out: -5.522 ± 1.070 χ^2/NDF : 239.2/19

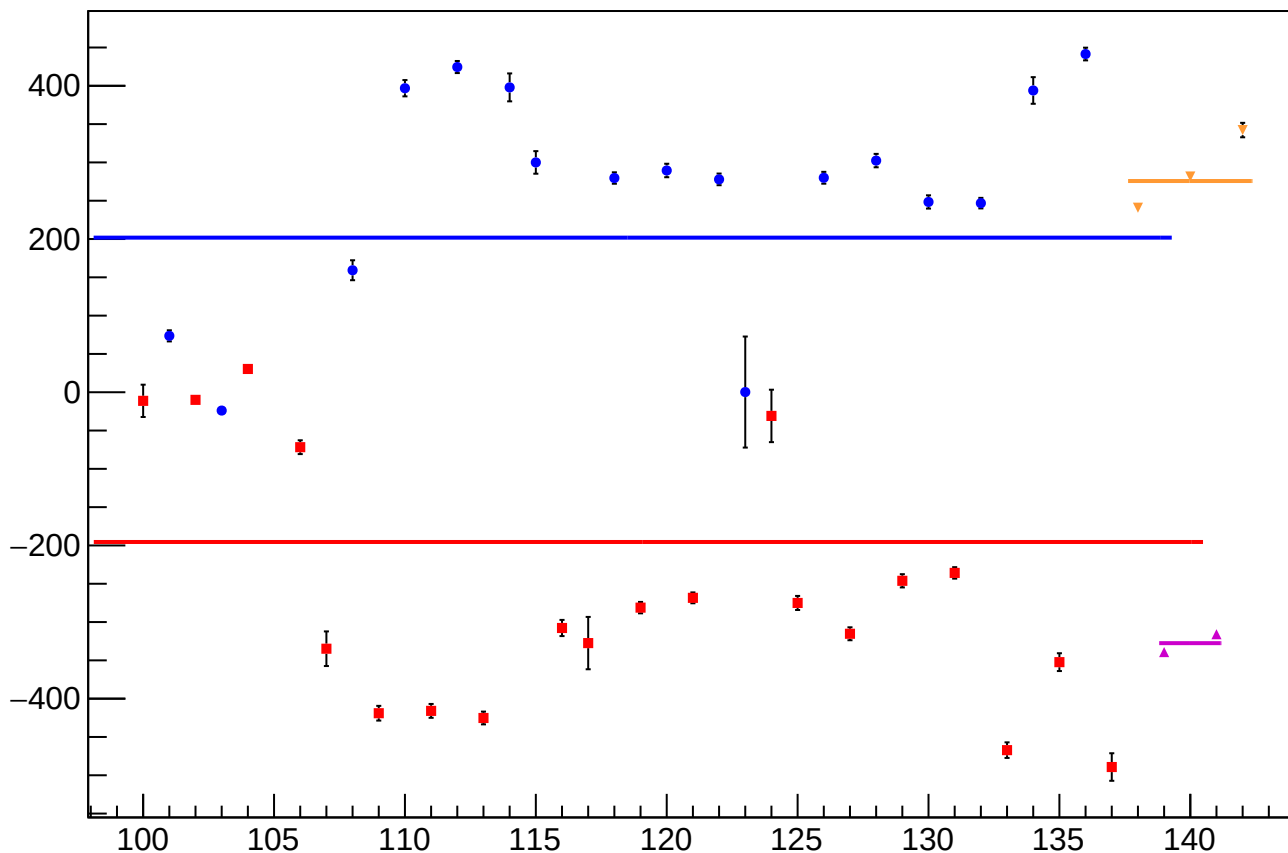
Left In: -8.569 ± 3.984 χ^2/NDF : 0.0/1

3.637 ± 1.023 χ^2/NDF : 333.2/19

-0.996 ± 0.727 χ^2/NDF : 614.4/41

-5.727 ± 1.033 χ^2/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: 275.712 $\pm$ 3.869 χ^2 /NDF: 82.7/2

Right Out: -195.472 $\pm$ 1.921 χ^2 /NDF: 8272.1/19

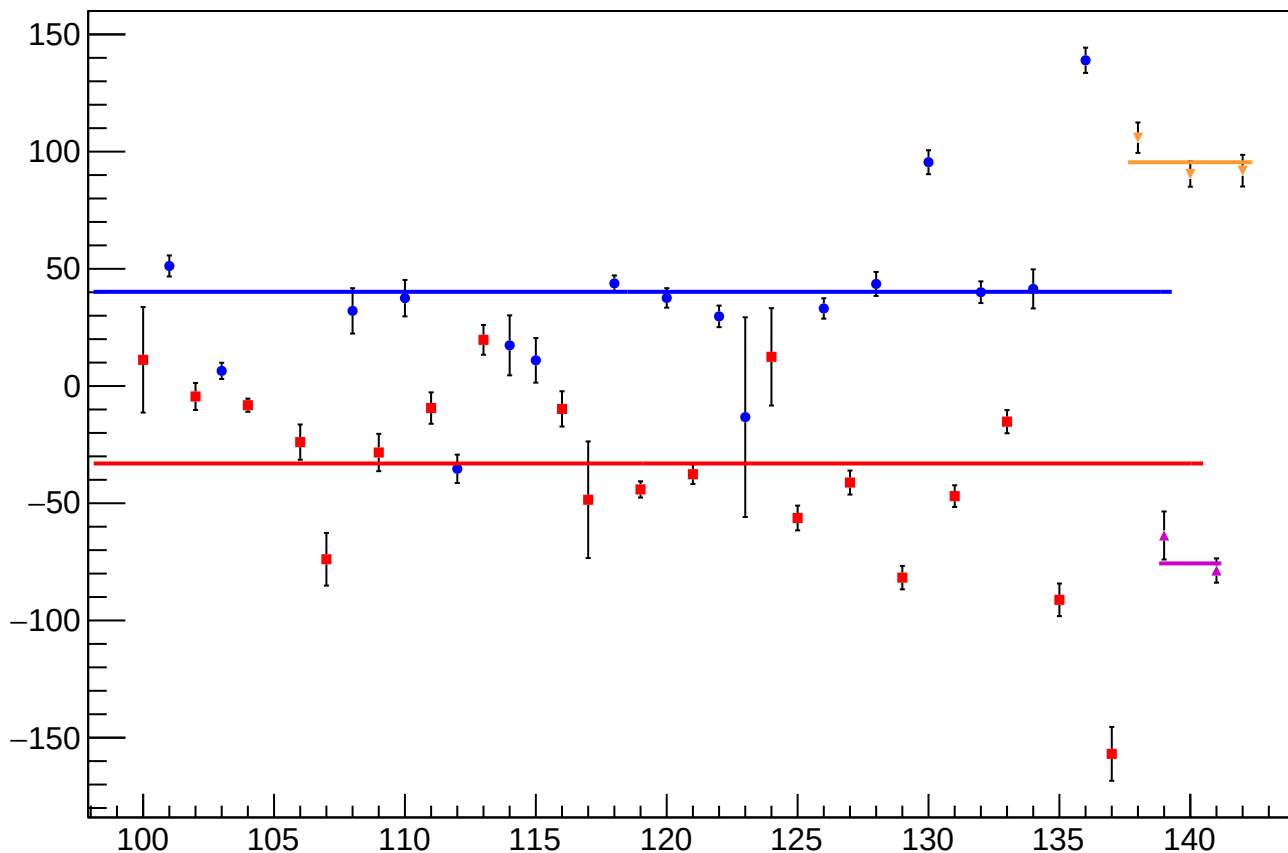
Left In: -327.542 $\pm$ 4.532 χ^2 /NDF: 6.6/1

217.030 $\pm$ 1.756 χ^2 /NDF: 7126.7/19

2.330 $\pm$ 1.246 χ^2 /NDF: 46253.3/41

-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: 95.463 ± 3.542 χ^2/NDF : 3.8/2

Right Out: -33.038 ± 1.251 χ^2/NDF : 554.5/19

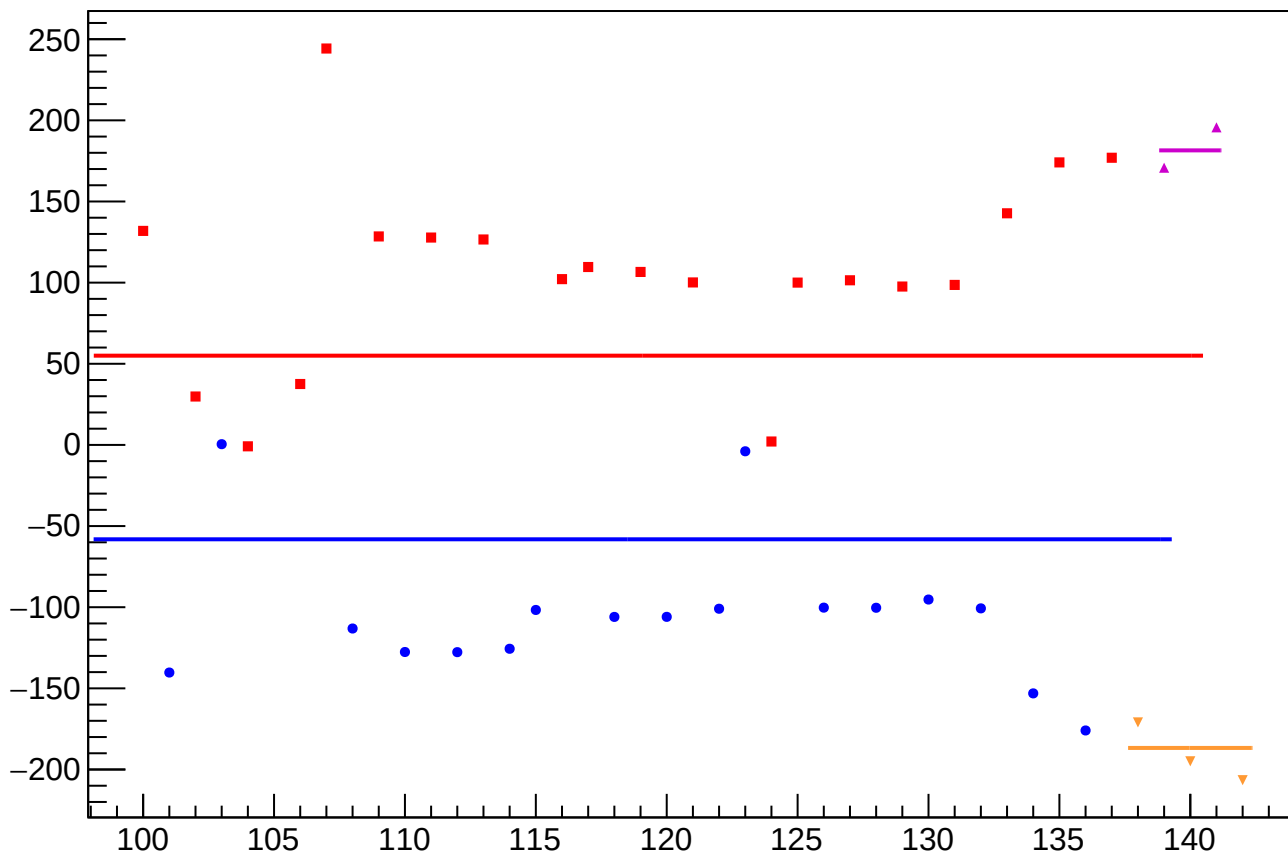
Left In: -75.664 ± 4.618 χ^2/NDF : 1.7/1

46.469 ± 1.193 χ^2/NDF : 954.5/19

5.740 ± 0.849 χ^2/NDF : 3947.1/41

-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 χ^2/NDF : 1105509.3/16

Left Out: -186.714+/-0.160 χ^2/NDF : 7924.9/2

Right Out: 54.995+/-0.060 χ^2/NDF : 1005108.5/19

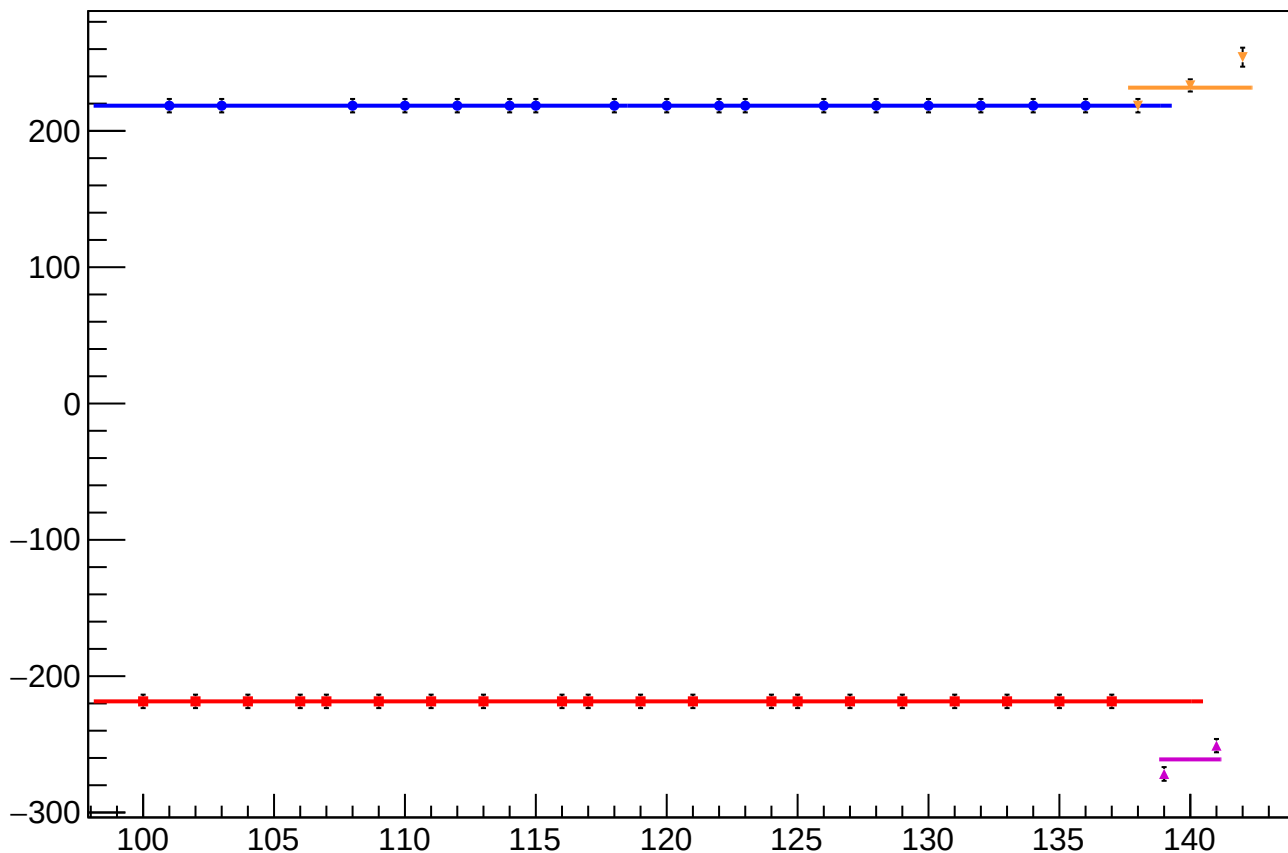
Left In: 181.493+/-0.170 χ^2/NDF : 5232.4/1

-74.716+/-0.057 χ^2/NDF : 1674997.1/19

-1.912+/-0.040 χ^2/NDF : 6344962.2/41

69.044+/-0.057 χ^2/NDF : 1501089.2/21

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 218.484 $\pm$ 1.199 χ^2/NDF : 0.0/16

Left Out: 231.717 $\pm$ 2.997 χ^2/NDF : 17.6/2

Right Out: -218.484 $\pm$ 1.105 χ^2/NDF : 0.0/19

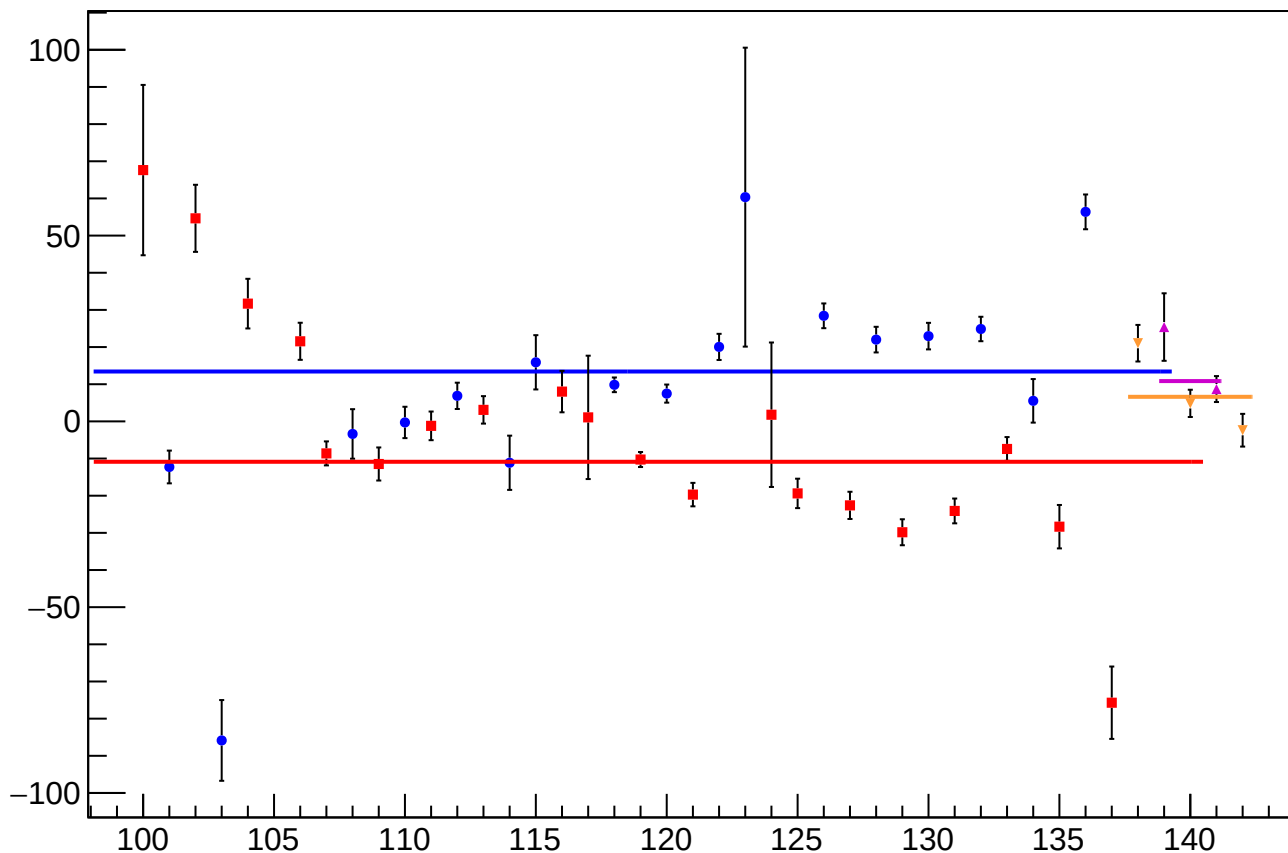
Left In: -261.055 $\pm$ 3.510 χ^2/NDF : 8.7/1

220.310 $\pm$ 1.113 χ^2/NDF : 34.4/19

-13.010 $\pm$ 0.765 χ^2/NDF : 83522.8/41

-222.325 $\pm$ 1.054 χ^2/NDF : 142.5/21

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.423 $\pm$ 0.920 χ^2 /NDF: 295.2/16

Left Out: 6.613 $\pm$ 2.446 χ^2 /NDF:13.0/2

Right Out: -10.871 $\pm$ 0.915 χ^2 /NDF: 303.1/19

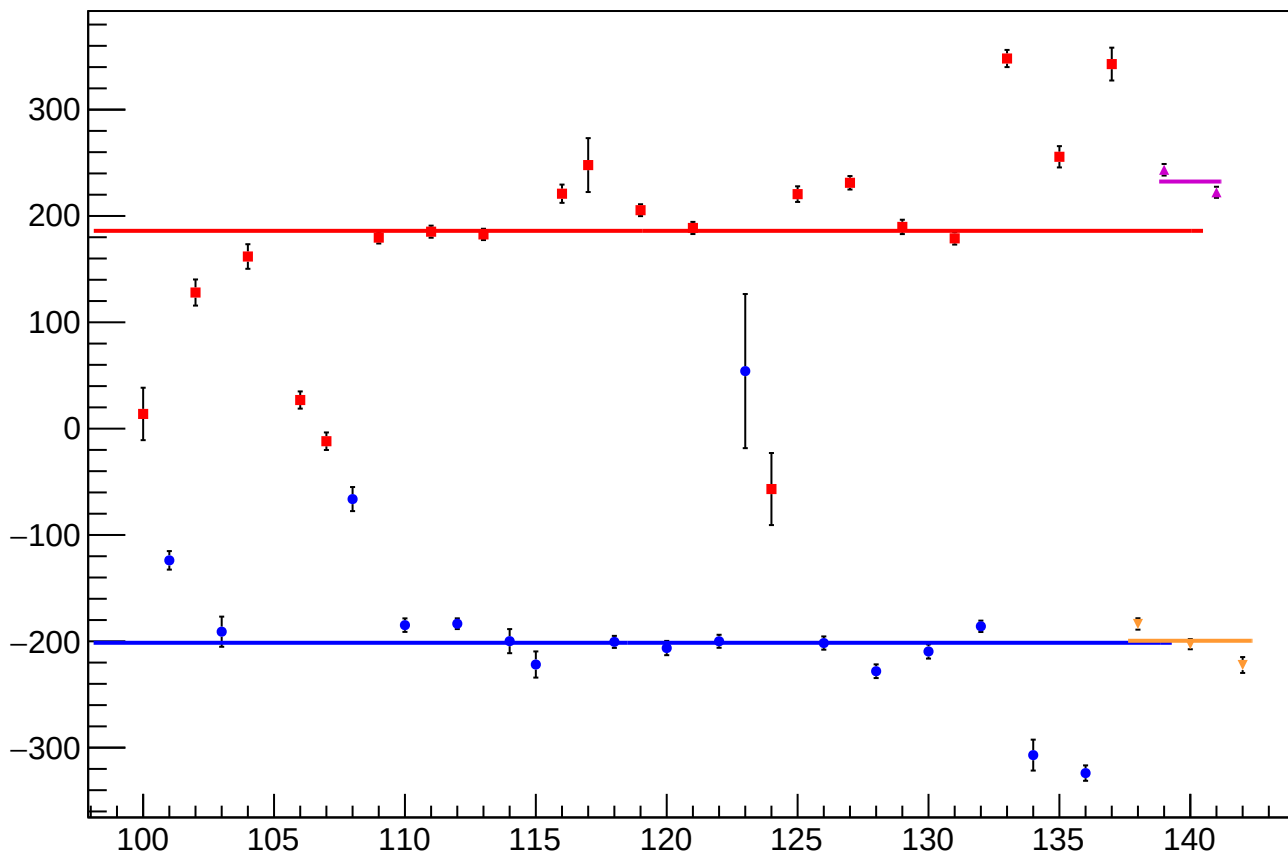
Left In: 10.844 $\pm$ 3.258 χ^2 /NDF:2.9/1

12.579 $\pm$ 0.861 χ^2 /NDF: 315.0/19

1.898 $\pm$ 0.616 χ^2 /NDF: 977.5/41

-9.285 $\pm$ 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: -199.488 ± 3.215 χ^2/NDF : 18.5/2

Right Out: 186.017 ± 1.696 χ^2/NDF : 1755.3/19

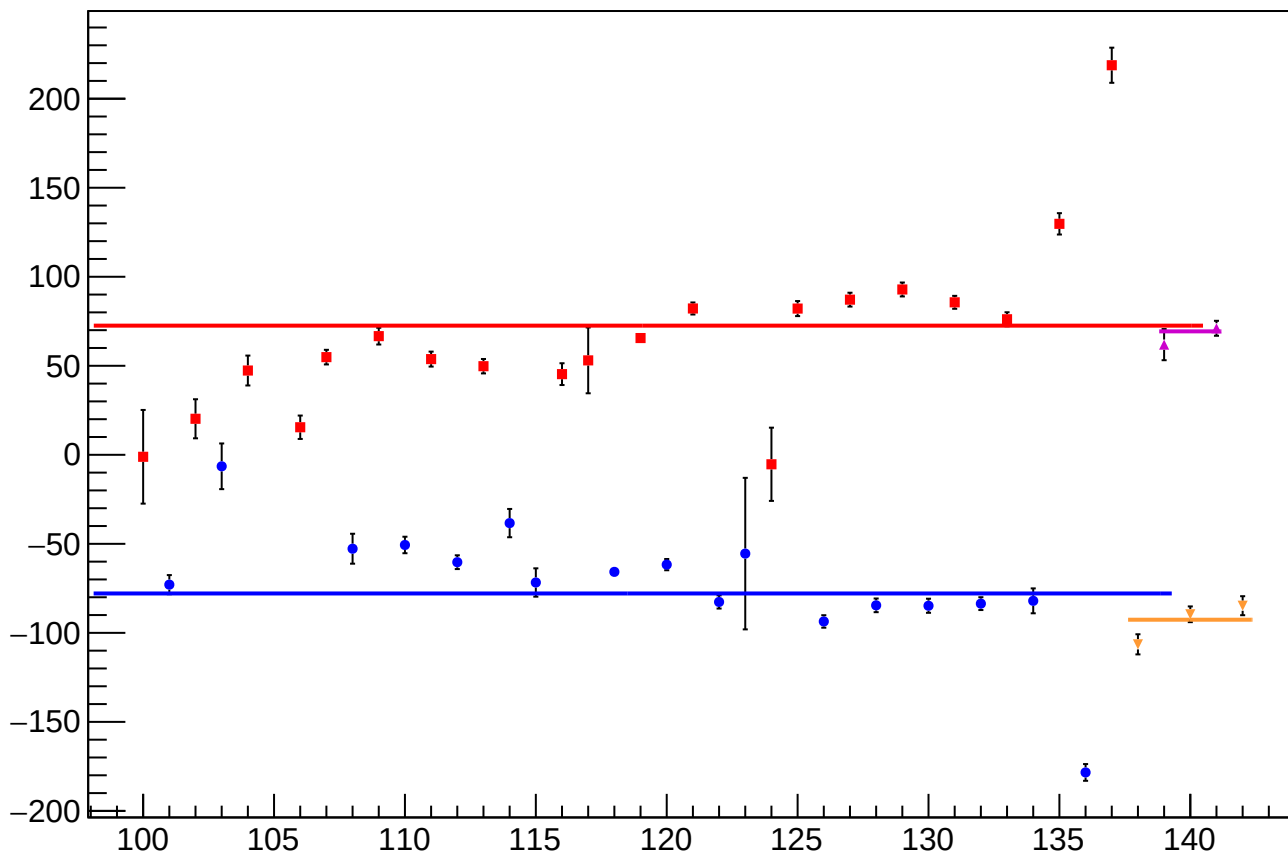
Left In: 232.377 ± 3.764 χ^2/NDF : 7.9/1

-200.939 ± 1.557 χ^2/NDF : 642.2/19

-2.228 ± 1.097 χ^2/NDF : 34895.7/41

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: -92.621 ± 2.916 χ^2/NDF : 8.6/2

Right Out: 72.548 ± 1.052 χ^2/NDF : 608.0/19

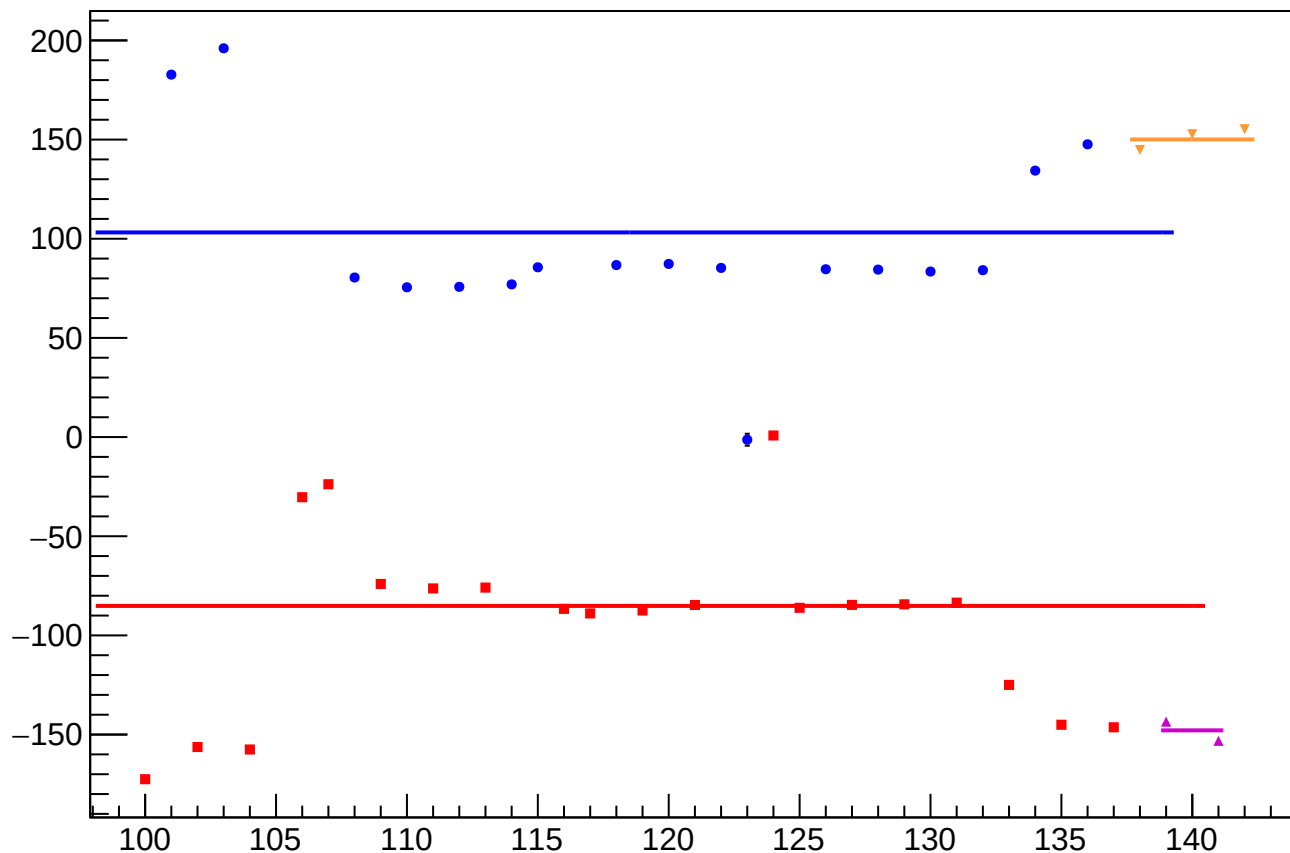
Left In: 69.337 ± 3.788 χ^2/NDF : 0.9/1

-79.614 ± 1.001 χ^2/NDF : 689.4/19

-4.615 ± 0.712 χ^2/NDF : 12673.1/41

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: 150.074 $\pm$ 0.133 χ^2/NDF : 1081.8/2

Right Out: -85.132 $\pm$ 0.064 χ^2/NDF : 423532.0/19

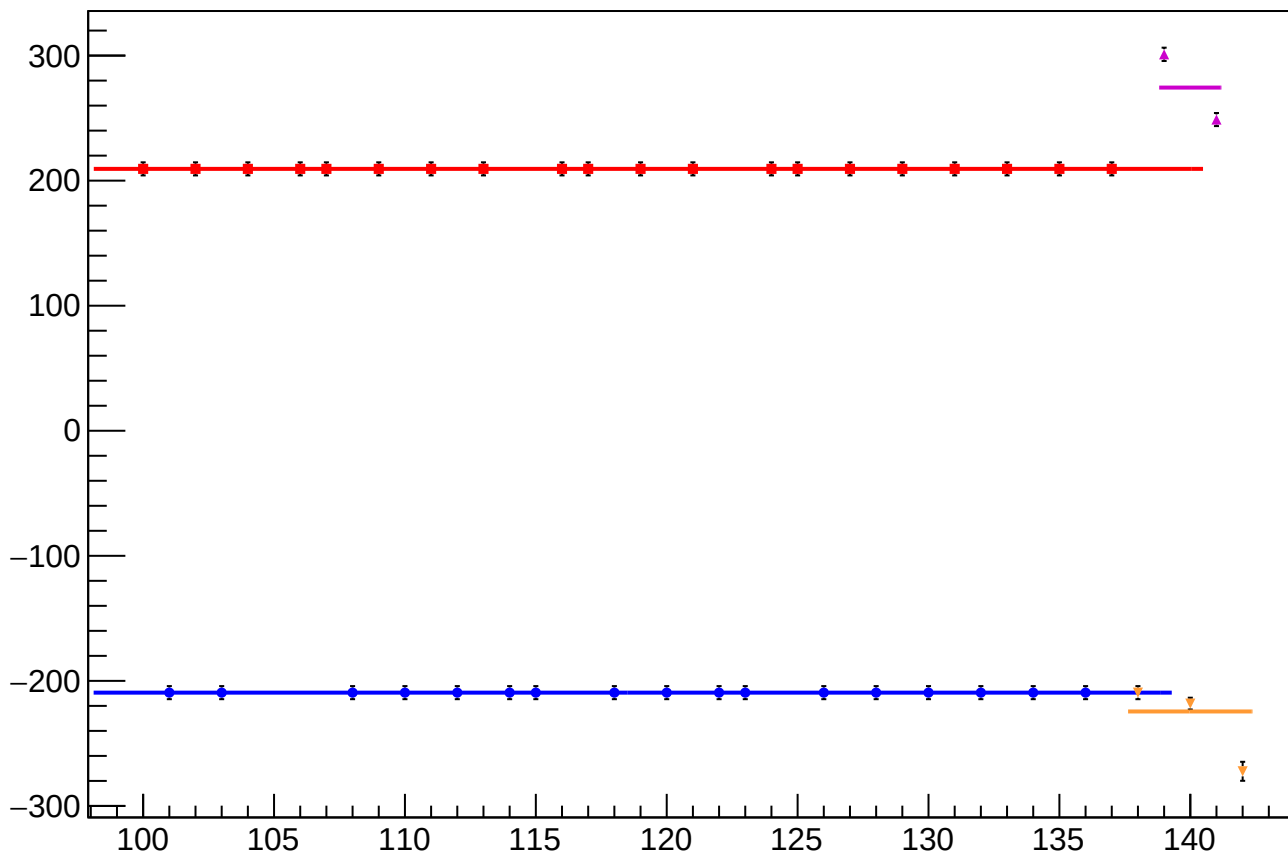
Left In: -147.884 $\pm$ 0.142 χ^2/NDF : 1150.6/1

113.410 $\pm$ 0.062 χ^2/NDF : 371551.3/19

1.740 $\pm$ 0.042 χ^2/NDF : 6992766.6/41

-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 $\pm$ 1.271 χ^2 /NDF: 0.0/16

Left Out: -224.464 $\pm$ 3.186 χ^2 /NDF: 49.7/2

Right Out: 209.411 $\pm$ 1.172 χ^2 /NDF: 0.0/19

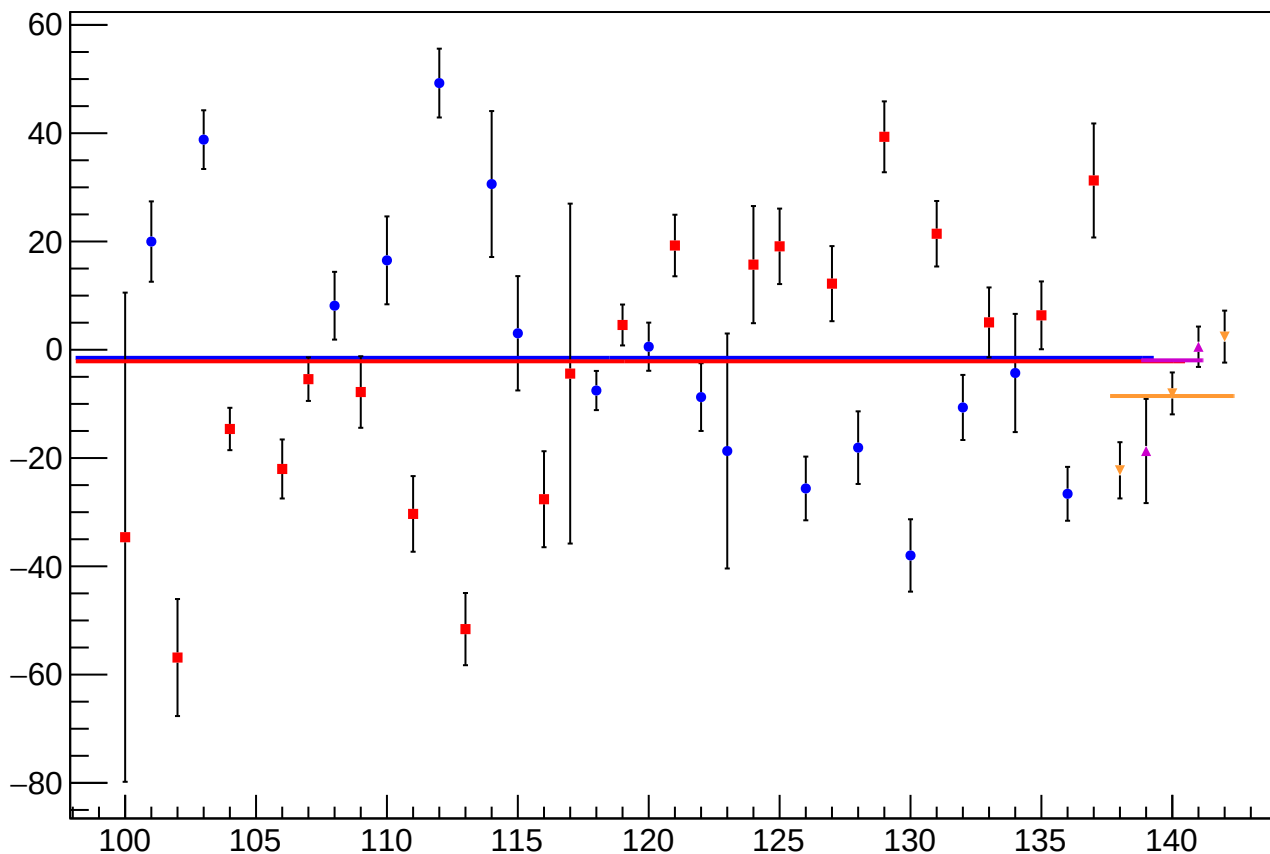
Left In: 274.416 $\pm$ 3.735 χ^2 /NDF: 48.7/1

-211.477 $\pm$ 1.180 χ^2 /NDF: 69.0/19

13.464 $\pm$ 0.812 χ^2 /NDF: 69297.8/41

215.234 $\pm$ 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: -8.544 ± 2.607 χ^2/NDF : 12.2/2

Right Out: -2.131 ± 1.401 χ^2/NDF : 232.6/19

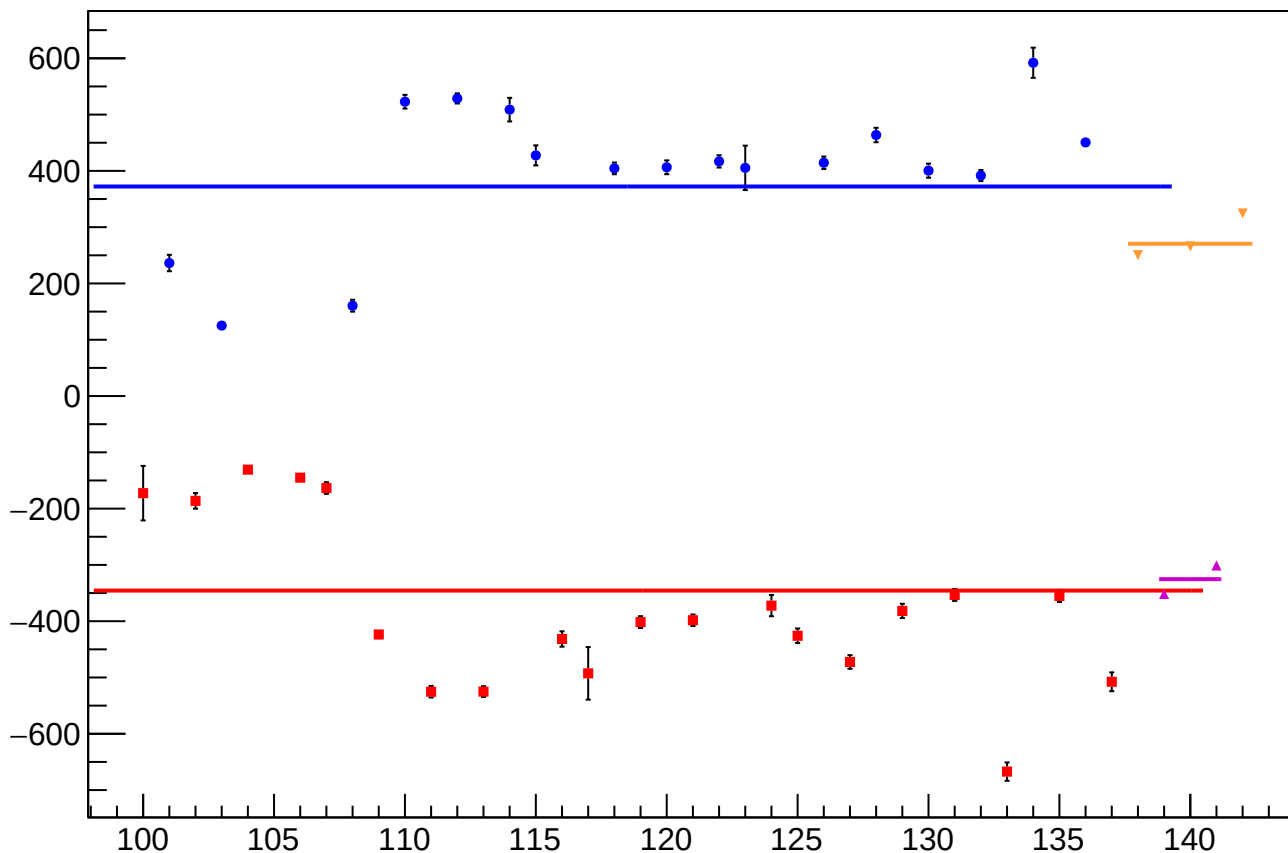
Left In: -1.955 ± 3.476 χ^2/NDF : 3.5/1

-3.270 ± 1.309 χ^2/NDF : 243.8/19

-2.684 ± 0.922 χ^2/NDF : 480.3/41

-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 χ^2/NDF : 2433.1/16

Left Out: 270.532 ± 3.417 χ^2/NDF : 57.4/2

Right Out: -345.577 ± 2.558 χ^2/NDF : 3426.4/19

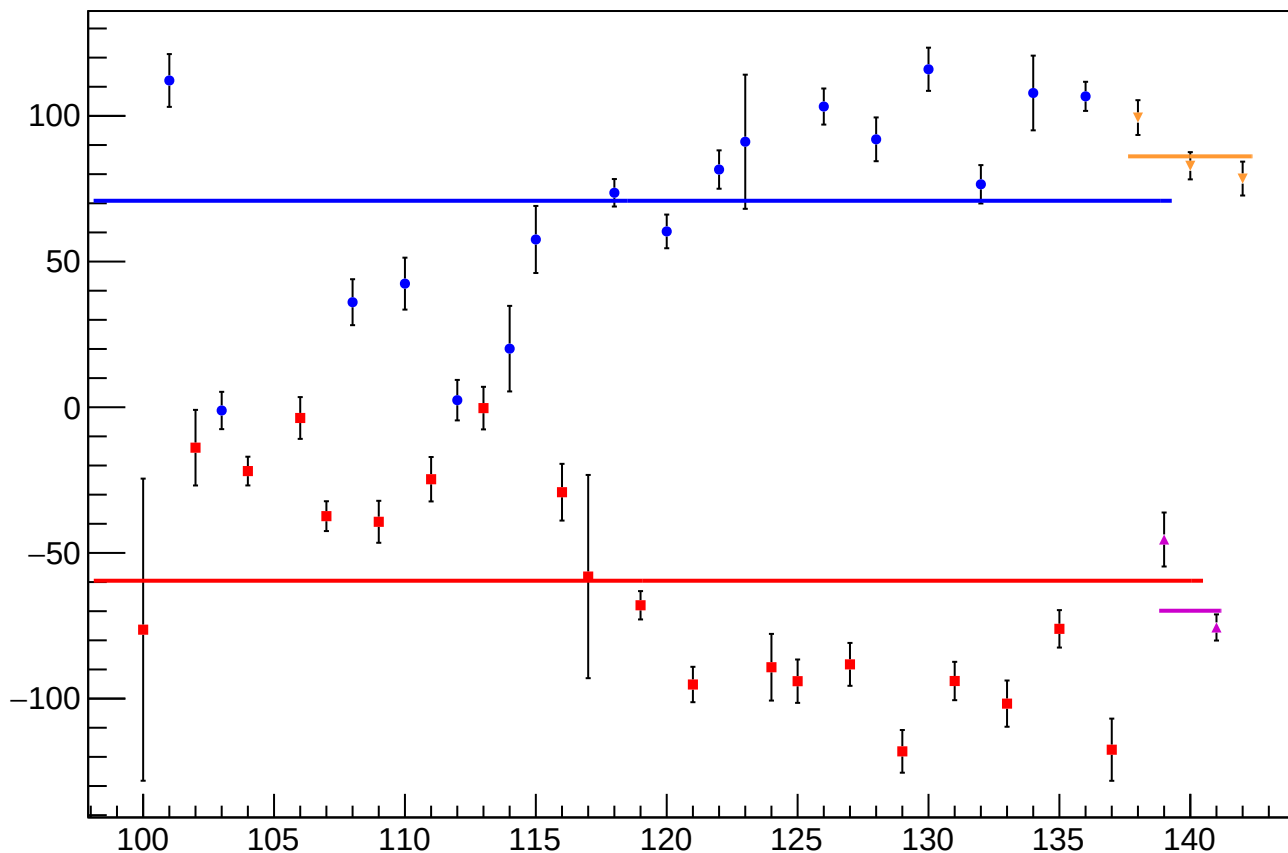
Left In: -325.318 ± 4.005 χ^2/NDF : 39.9/1

332.108 ± 2.147 χ^2/NDF : 3027.0/19

-2.360 ± 1.521 χ^2/NDF : 55265.2/41

-339.707 ± 2.156 χ^2/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: 86.111 $\pm$ 3.110 χ^2/NDF : 7.2/2

Right Out: -59.543 $\pm$ 1.631 χ^2/NDF : 490.9/19

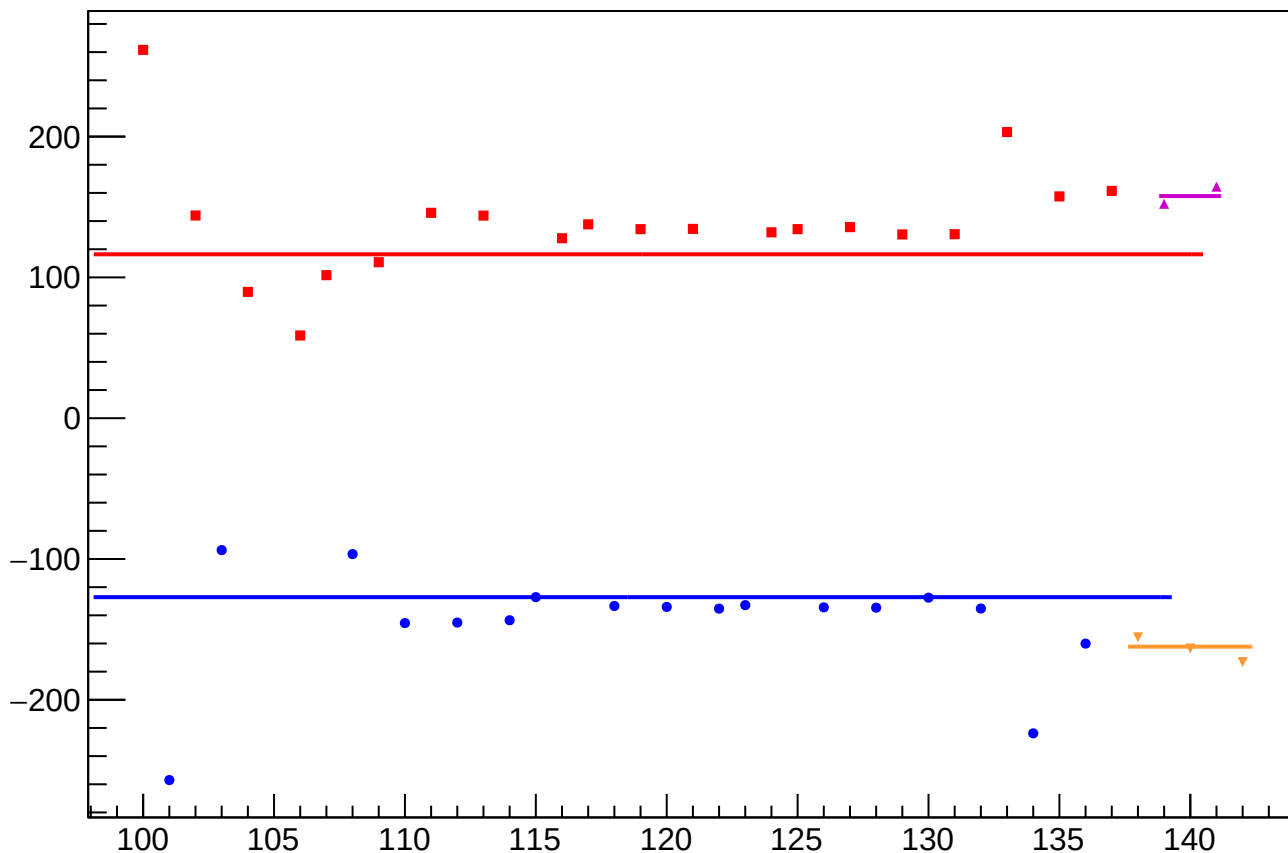
Left In: -69.842 $\pm$ 4.039 χ^2/NDF : 8.6/1

74.510 $\pm$ 1.520 χ^2/NDF : 452.4/19

6.409 $\pm$ 1.072 χ^2/NDF : 4948.9/41

-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: -162.253+/-0.142 χ^2/NDF : 2031.5/2

Right Out: 116.401+/-0.083 χ^2/NDF : 167694.5/19

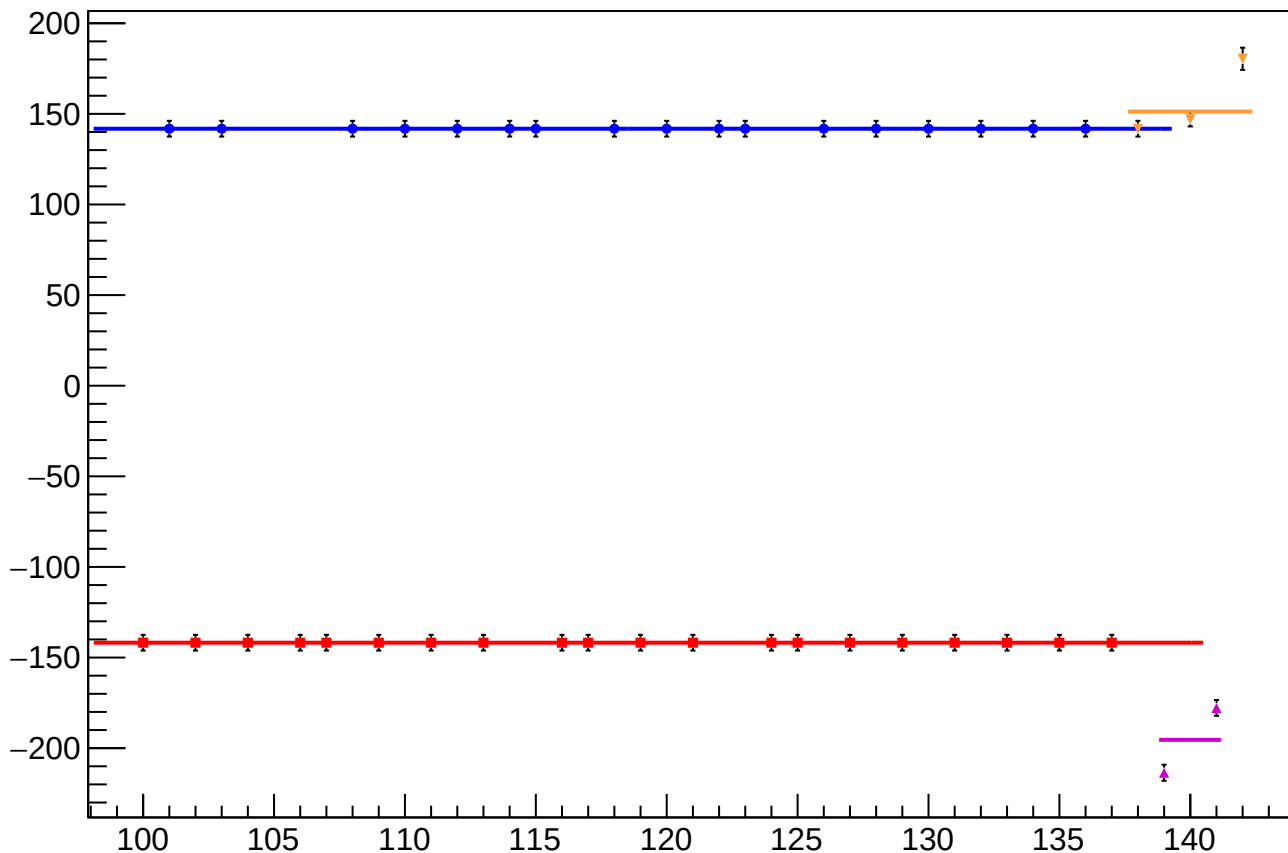
Left In: 157.770+/-0.151 χ^2/NDF : 1604.2/1

-137.094+/-0.076 χ^2/NDF : 212992.4/19

-0.223+/-0.052 χ^2/NDF : 6728747.6/41

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: 151.240 $\pm$ 2.634 χ^2/NDF : 28.4/2

Right Out: -141.803 $\pm$ 0.973 χ^2/NDF : 0.0/19

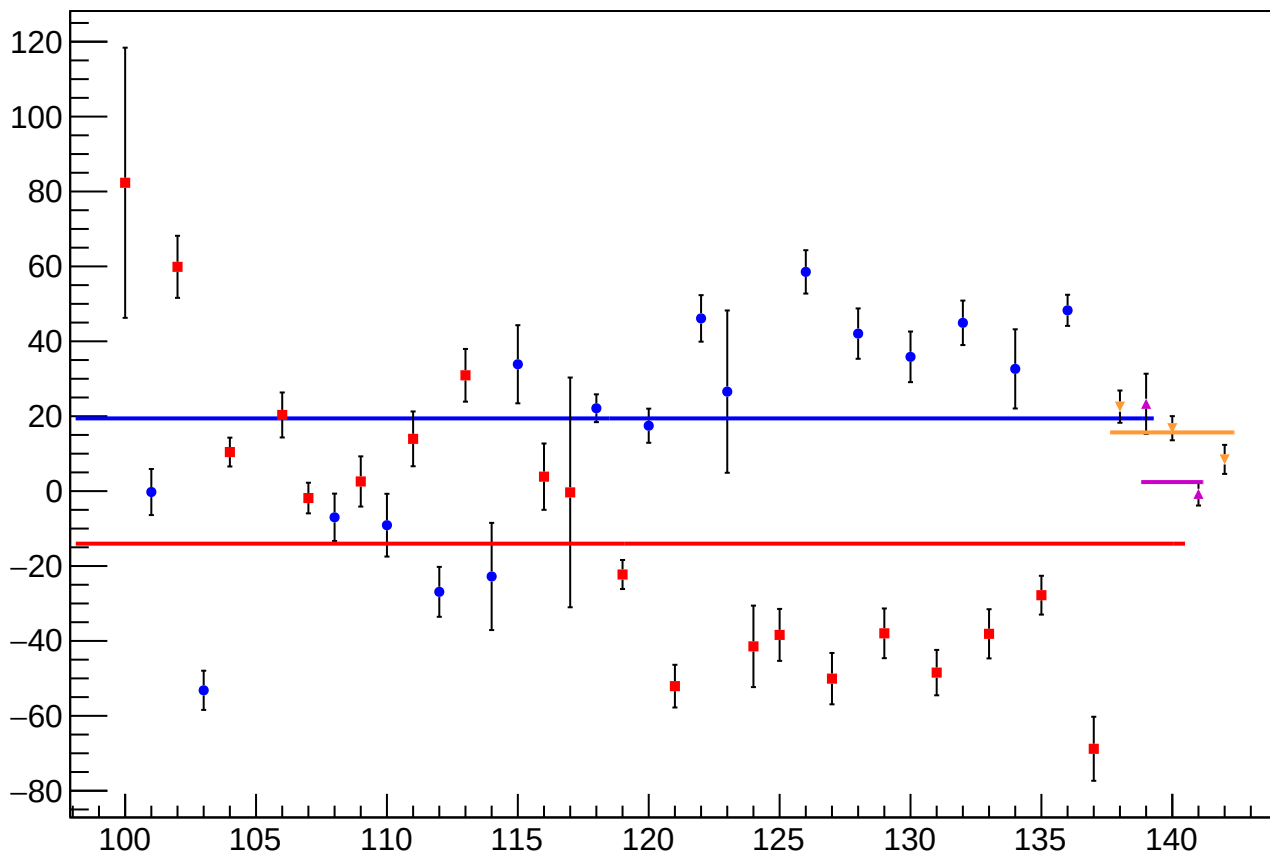
Left In: -195.394 $\pm$ 3.116 χ^2/NDF : 32.9/1

143.108 $\pm$ 0.980 χ^2/NDF : 39.5/19

-9.446 $\pm$ 0.674 χ^2/NDF : 46381.0/41

-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 χ^2/NDF : 441.1/16

Left Out: 15.676 ± 2.148 χ^2/NDF : 6.1/2

Right Out: -14.027 ± 1.391 χ^2/NDF : 436.7/19

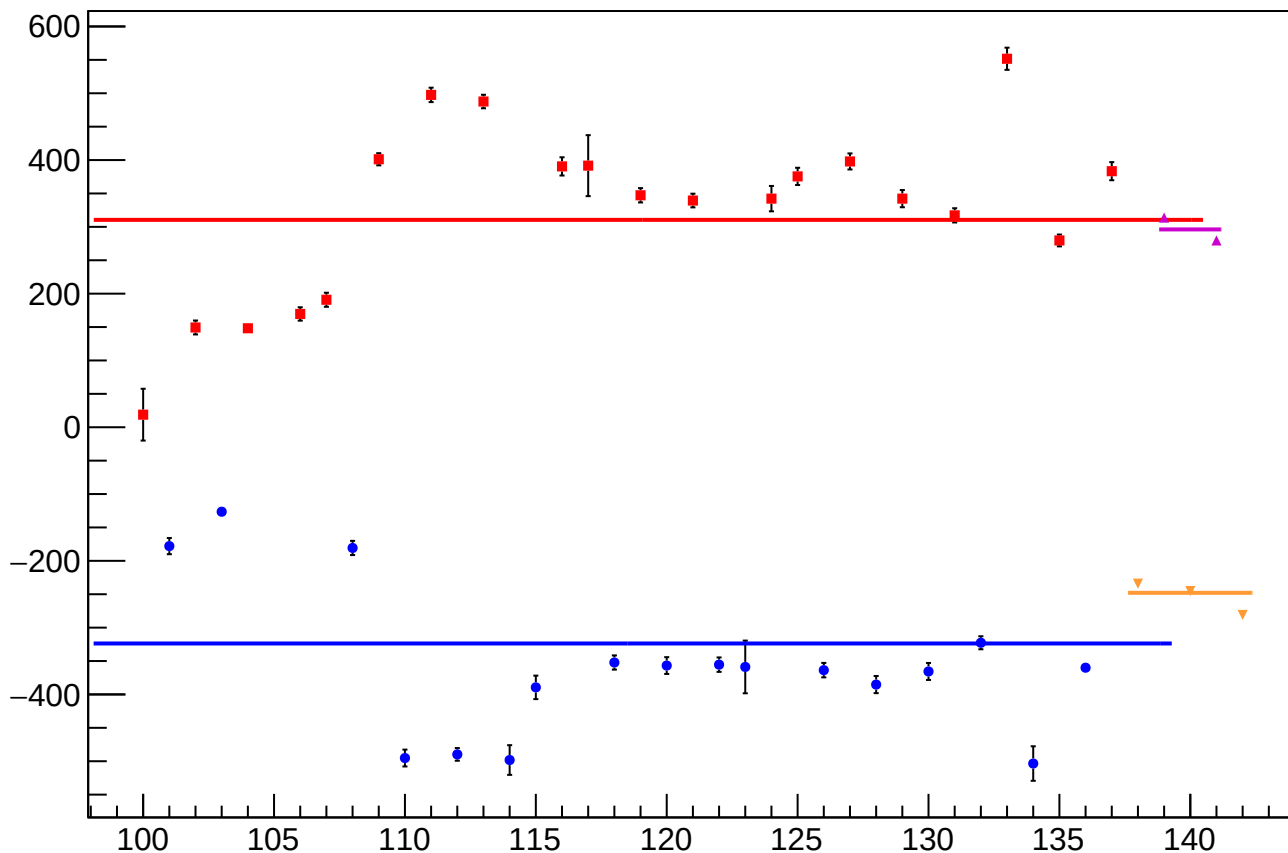
Left In: 2.416 ± 2.906 χ^2/NDF : 7.8/1

18.212 ± 1.219 χ^2/NDF : 449.3/19

4.047 ± 0.874 χ^2/NDF : 1198.2/41

-10.964 ± 1.254 χ^2/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: -247.885+/-2.826 χ^2/NDF : 34.3/2

Right Out: 310.471+/-2.519 χ^2/NDF : 2303.1/19

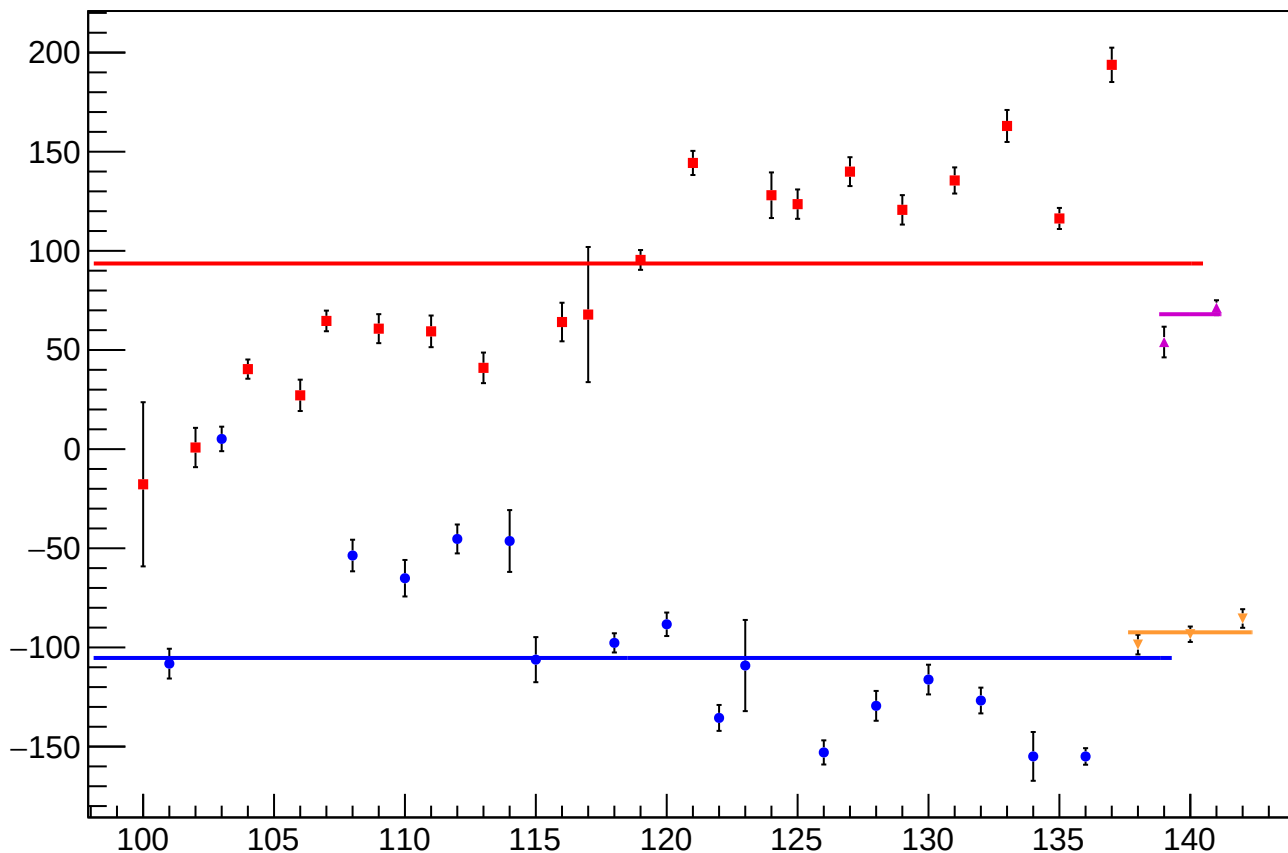
Left In: 296.170+/-3.342 χ^2/NDF : 26.1/1

-287.981+/-1.940 χ^2/NDF : 2265.8/19

-2.081+/-1.396 χ^2/NDF : 49671.2/41

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: -92.376 ± 2.564 χ^2/NDF : 3.8/2

Right Out: 93.622 ± 1.610 χ^2/NDF : 827.1/19

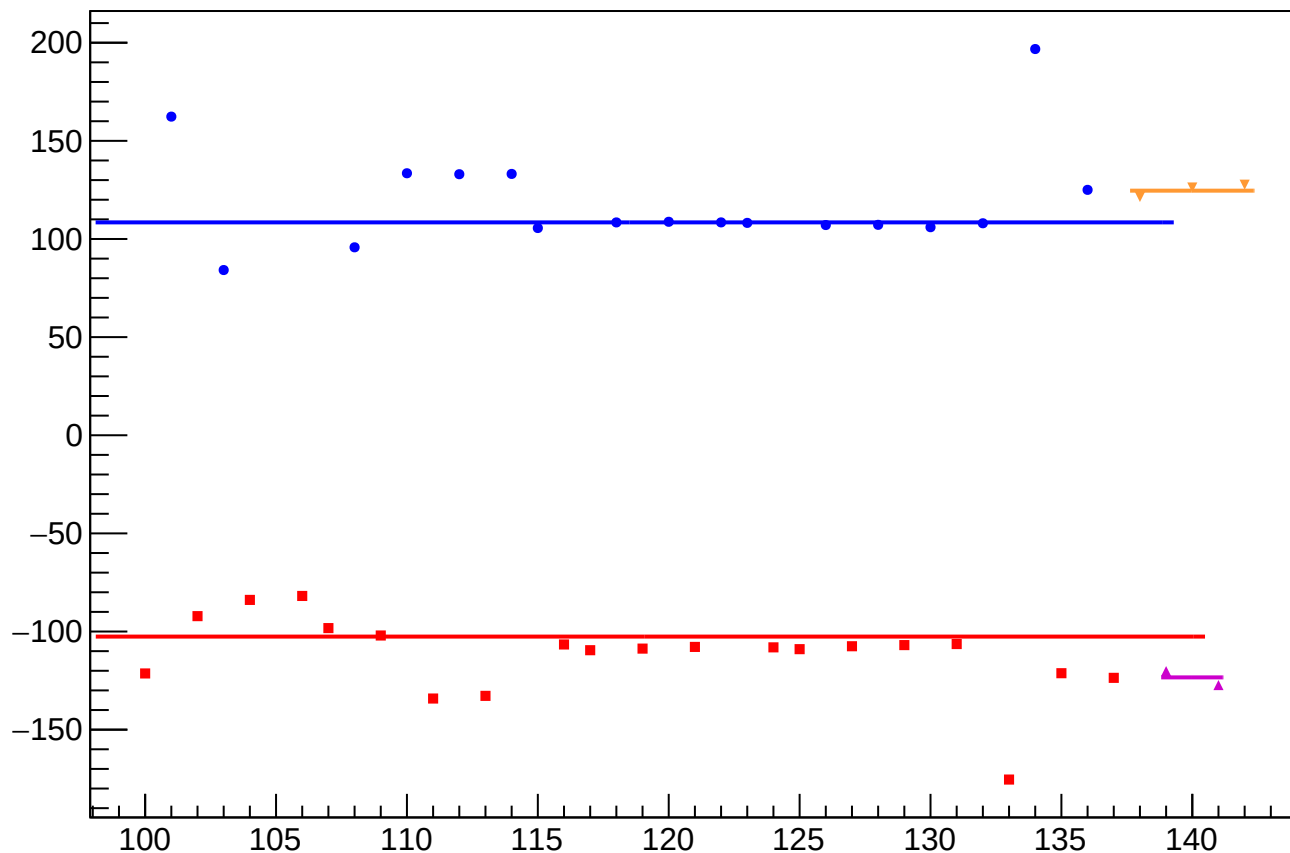
Left In: 68.041 ± 3.376 χ^2/NDF : 4.1/1

-101.380 ± 1.413 χ^2/NDF : 759.0/19

-8.911 ± 1.013 χ^2/NDF : 10449.8/41

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 χ^2/NDF : 73302.1/16

Left Out: 124.621 ± 0.117 χ^2/NDF : 505.4/2

Right Out: -102.580 ± 0.079 χ^2/NDF : 53154.7/19

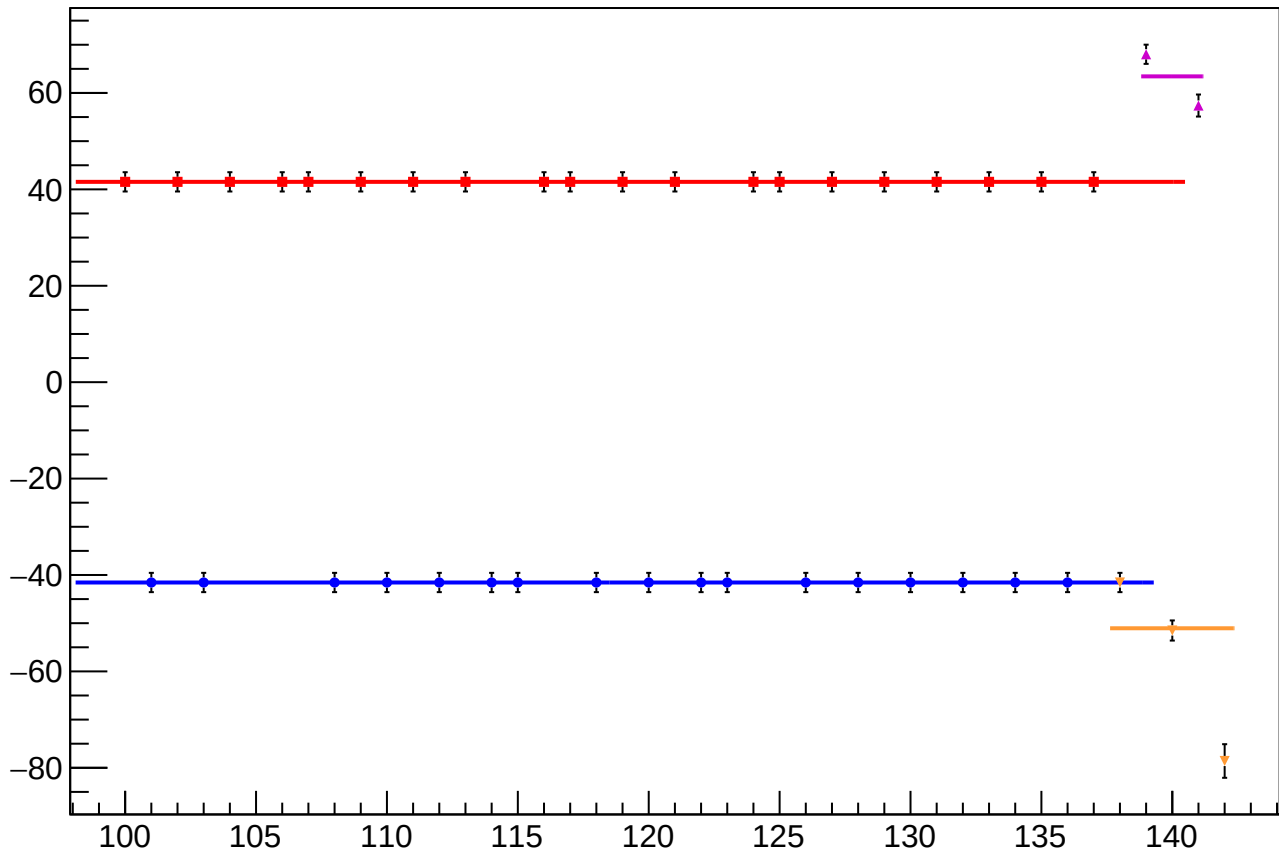
Left In: -123.367 ± 0.126 χ^2/NDF : 784.7/1

114.000 ± 0.069 χ^2/NDF : 86280.6/19

0.346 ± 0.048 χ^2/NDF : 5520433.5/41

-108.477 ± 0.067 χ^2/NDF : 73382.3/21

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.558 $\pm$ 0.485 χ^2 /NDF: 0.0/16

Left Out: -51.054 $\pm$ 1.334 χ^2 /NDF: 85.0/2

Right Out: 41.558 $\pm$ 0.447 χ^2 /NDF: 0.0/19

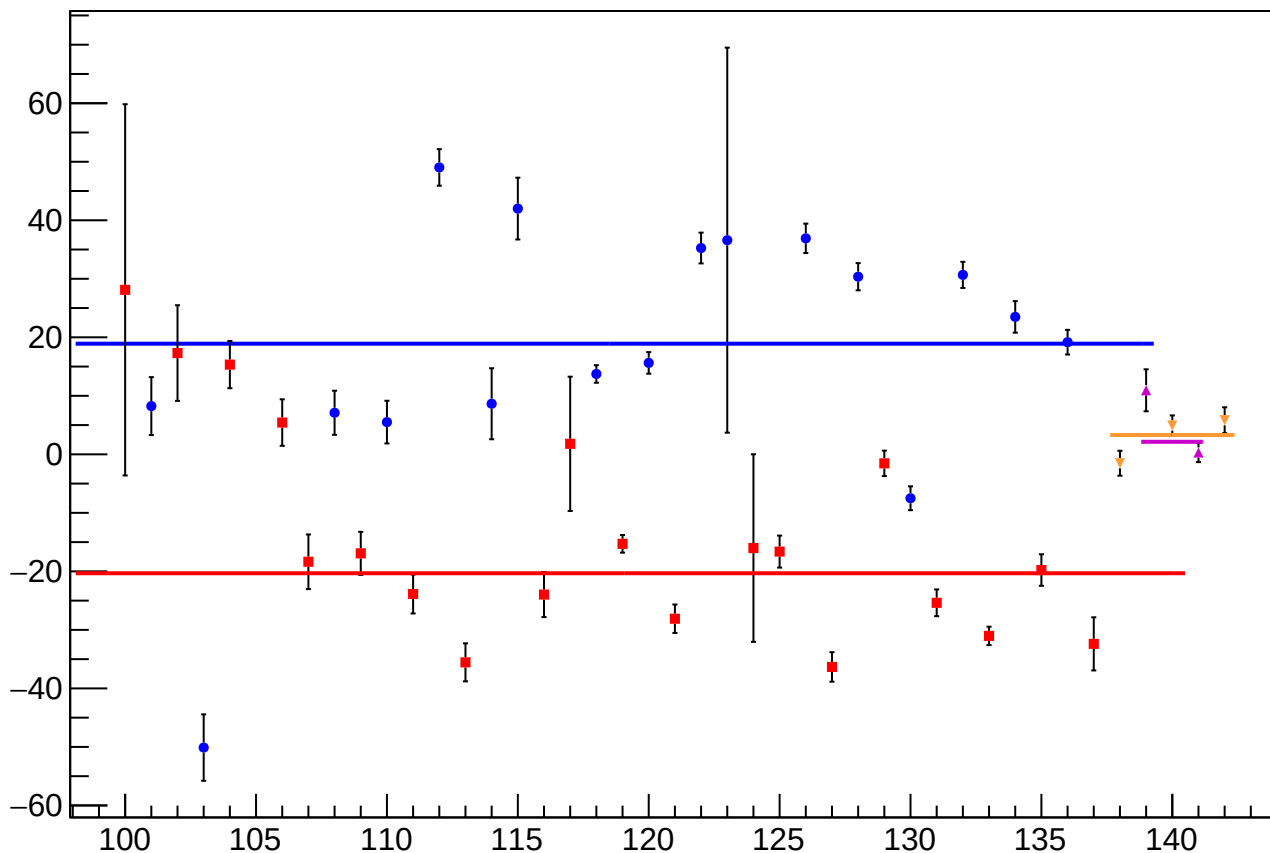
Left In: 63.440 $\pm$ 1.501 χ^2 /NDF: 12.3/1

-42.667 $\pm$ 0.456 χ^2 /NDF: 129.7/19

2.987 $\pm$ 0.312 χ^2 /NDF: 19218.3/41

43.342 $\pm$ 0.429 χ^2 /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: 3.303 ± 1.146 χ^2/NDF : 7.3/2

Right Out: -20.320 ± 0.643 χ^2/NDF : 369.0/19

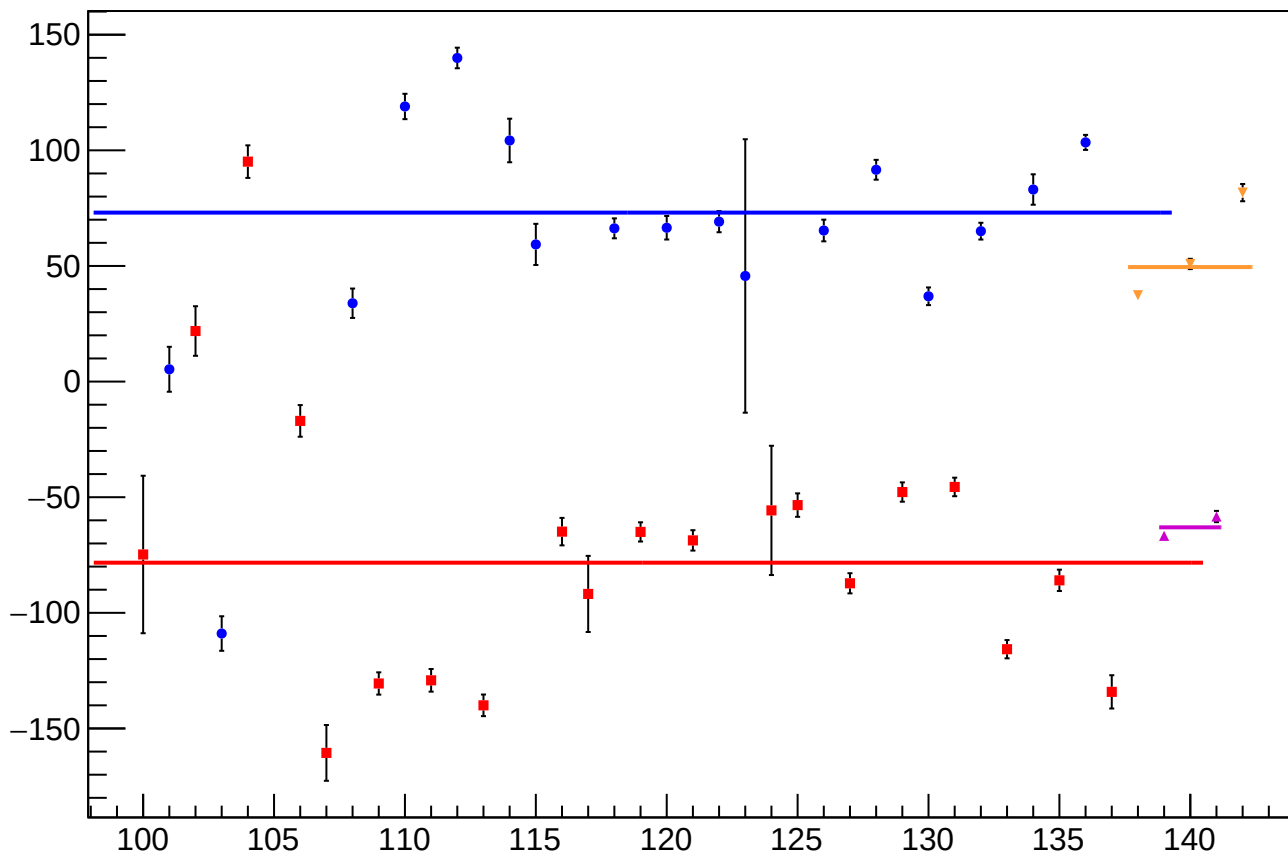
Left In: 2.143 ± 1.490 χ^2/NDF : 7.3/1

15.165 ± 0.561 χ^2/NDF : 767.2/19

-0.009 ± 0.407 χ^2/NDF : 2875.4/41

-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 χ^2/NDF : 1200.0/16

Left Out: 49.522 ± 1.434 χ^2/NDF : 106.2/2

Right Out: -78.316 ± 1.219 χ^2/NDF : 1543.3/19

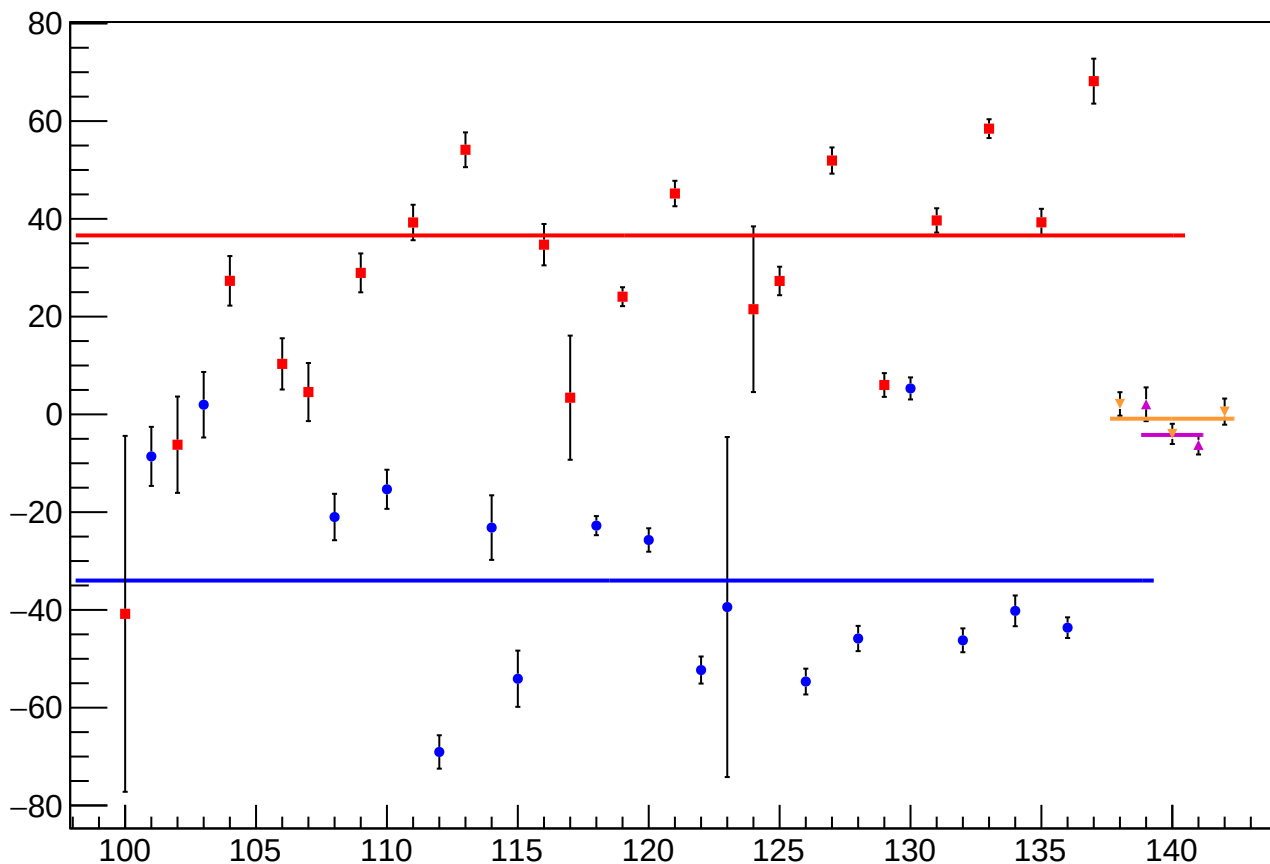
Left In: -63.028 ± 1.613 χ^2/NDF : 6.6/1

63.107 ± 0.933 χ^2/NDF : 1461.9/19

-1.973 ± 0.673 χ^2/NDF : 13235.5/41

-72.757 ± 0.973 χ^2/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: -0.884+/-1.352 χ^2/NDF : 4.1/2

Right Out: 36.607+/-0.736 χ^2/NDF : 549.8/19

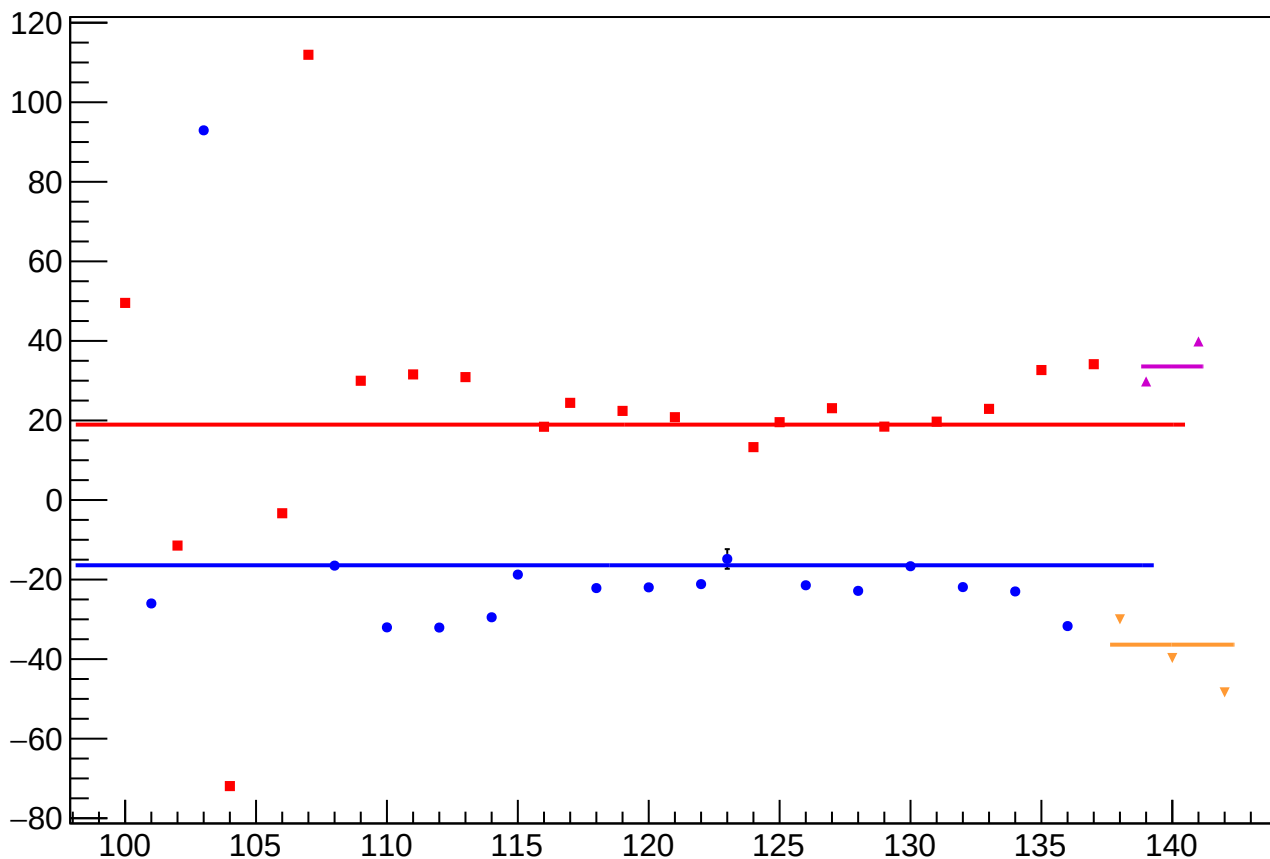
Left In: -4.206+/-1.708 χ^2/NDF : 4.4/1

-26.419+/-0.647 χ^2/NDF : 1186.4/19

0.662+/-0.467 χ^2/NDF : 5890.8/41

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: -36.366 $\pm$ 0.059 χ^2 /NDF:13331.5/2

Right Out: 18.954 $\pm$ 0.045 χ^2 /NDF: 434204.7/19

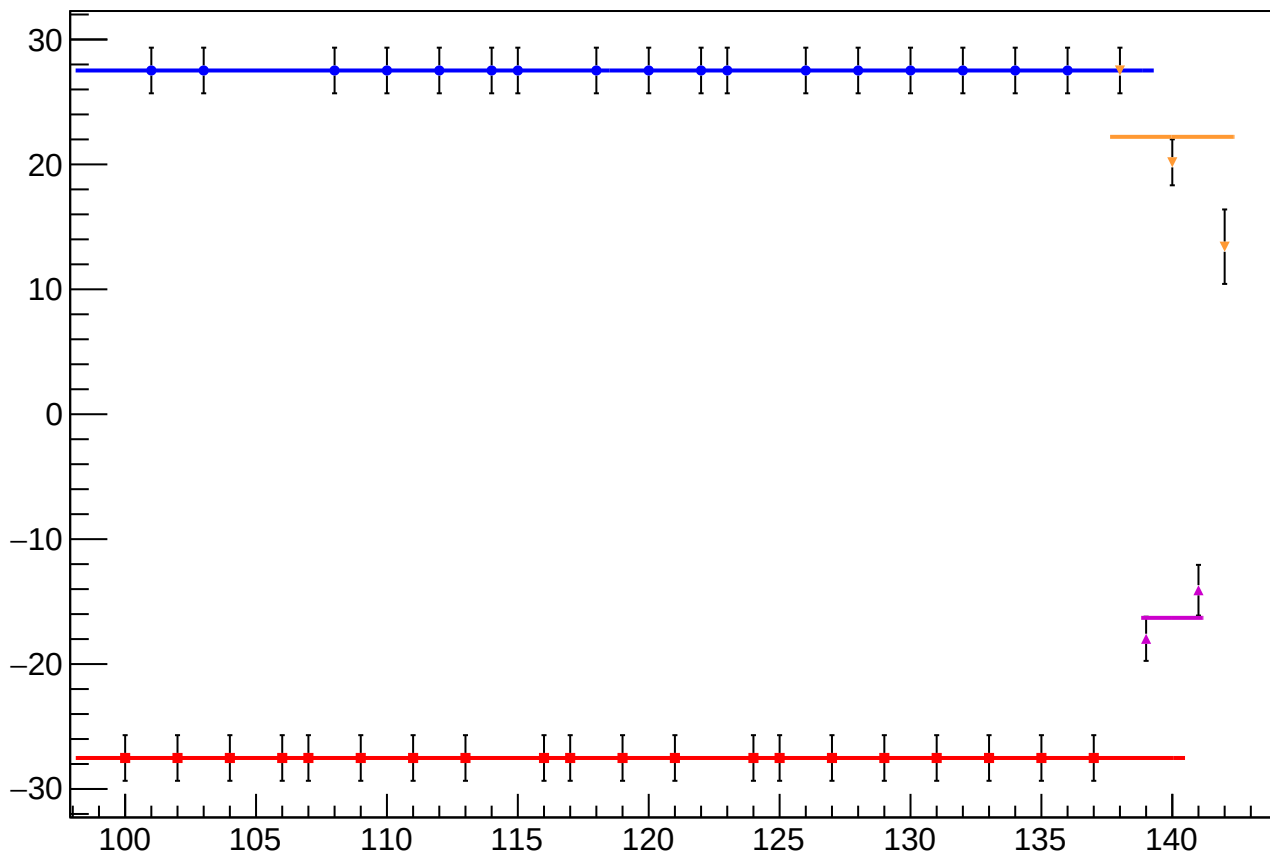
Left In: 33.579 $\pm$ 0.060 χ^2 /NDF:6579.0/1

-23.692 $\pm$ 0.035 χ^2 /NDF: 561379.9/19

-0.184 $\pm$ 0.025 χ^2 /NDF: 1939479.4/41

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: 22.207 $\pm$ 1.189 χ^2 /NDF: 18.4/2

Right Out: -27.518 $\pm$ 0.408 χ^2 /NDF: 0.0/19

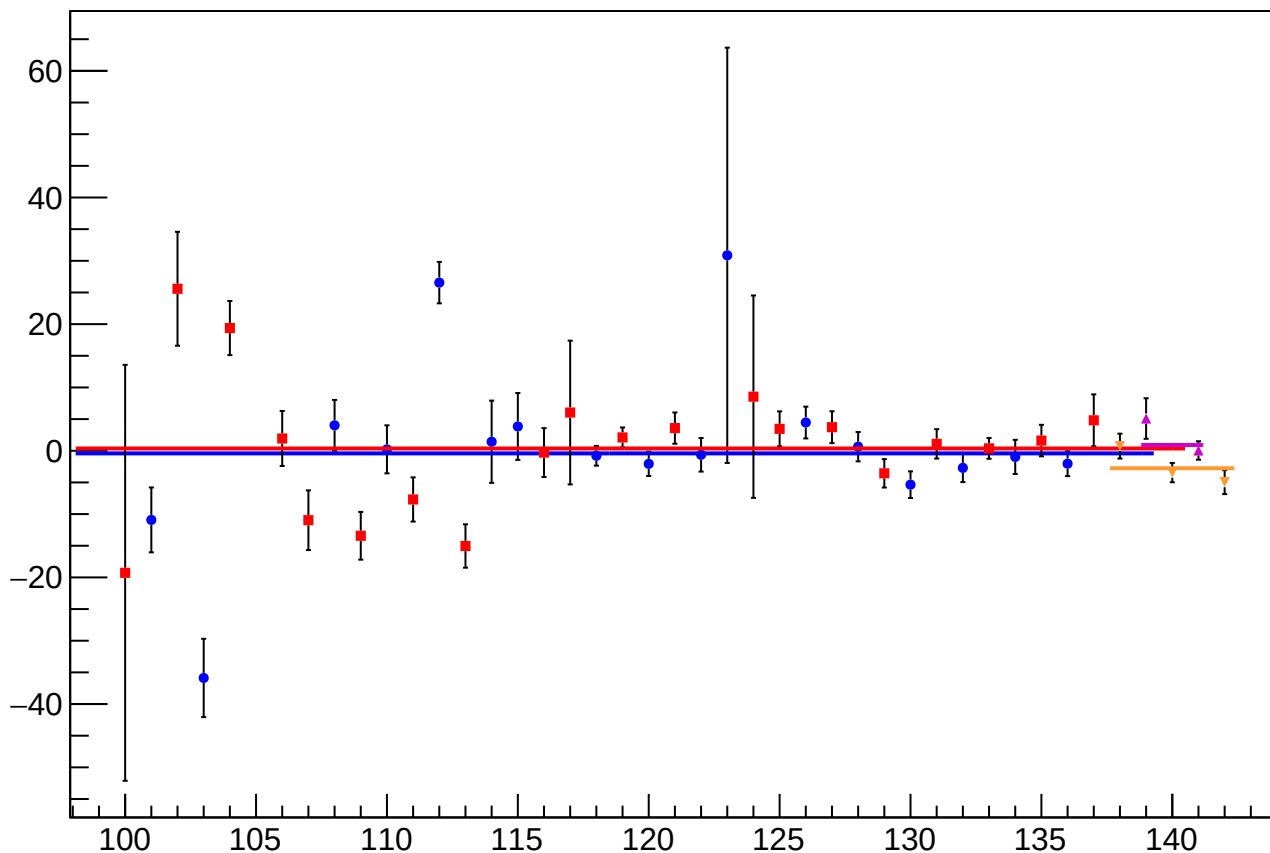
Left In: -16.300 $\pm$ 1.332 χ^2 /NDF: 2.1/1

26.871 $\pm$ 0.415 χ^2 /NDF: 35.9/19

-1.474 $\pm$ 0.284 χ^2 /NDF: 8890.2/41

-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: -2.762 ± 1.016 χ^2/NDF : 4.7/2

Right Out: 0.361 ± 0.656 χ^2/NDF : 84.0/19

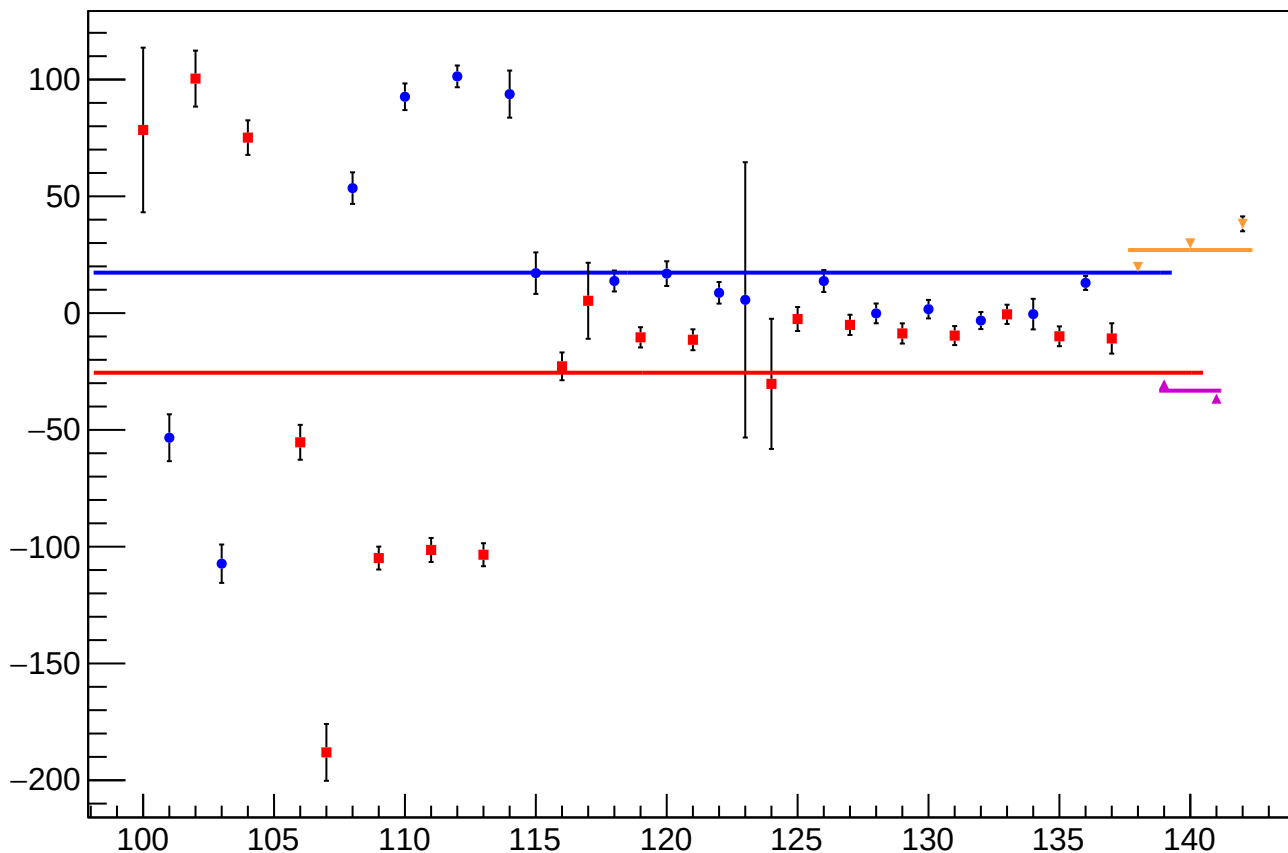
Left In: 0.911 ± 1.326 χ^2/NDF : 2.1/1

-1.101 ± 0.549 χ^2/NDF : 128.4/19

-0.369 ± 0.402 χ^2/NDF : 218.4/41

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 χ^2/NDF : 943.2/16

Left Out: 27.001+/-1.277 χ^2/NDF : 27.9/2

Right Out: -25.521+/-1.239 χ^2/NDF : 1382.7/19

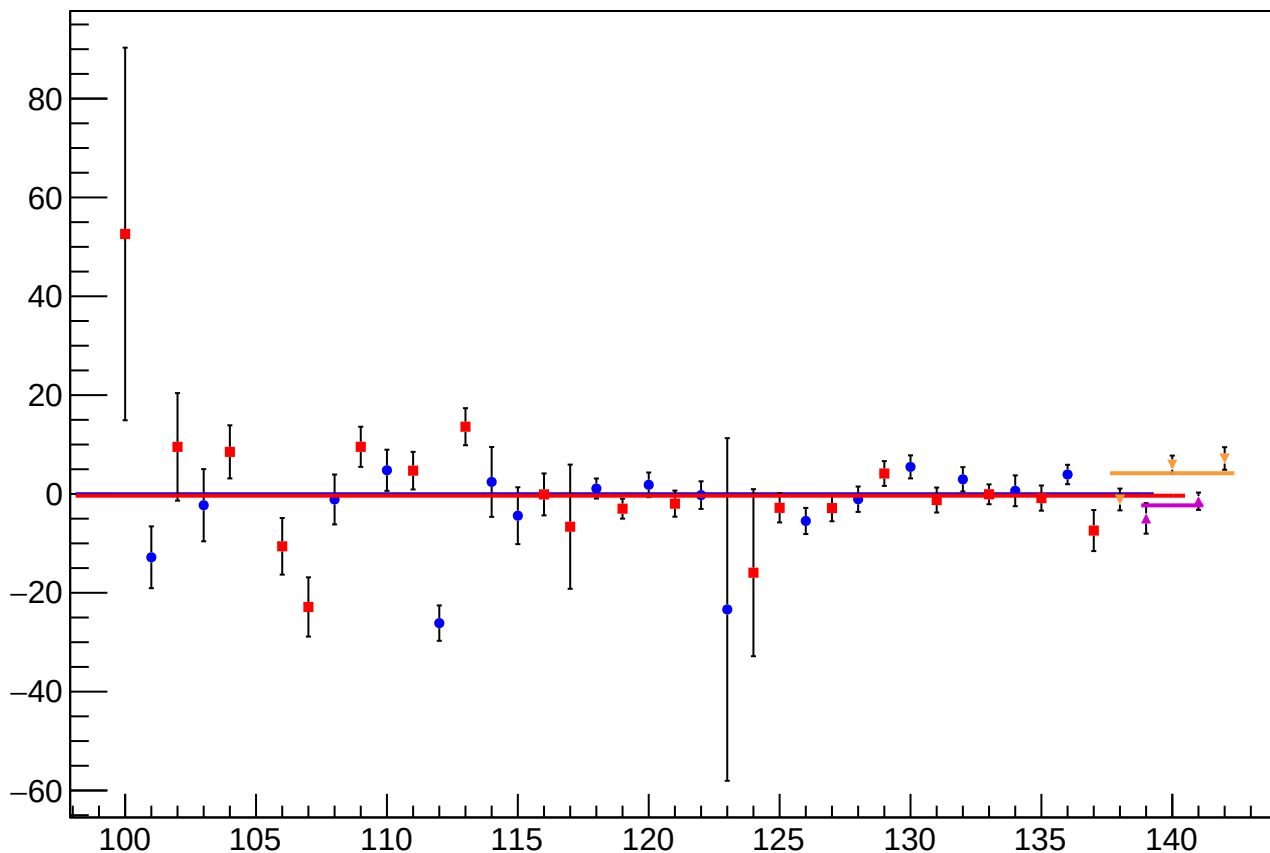
Left In: -33.199+/-1.431 χ^2/NDF : 4.5/1

22.017+/-0.889 χ^2/NDF : 1000.6/19

-2.077+/-0.645 χ^2/NDF : 3953.1/41

-28.812+/-0.937 χ^2/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: 4.198 ± 1.198 χ^2/NDF : 8.4/2

Right Out: -0.348 ± 0.748 χ^2/NDF : 55.4/19

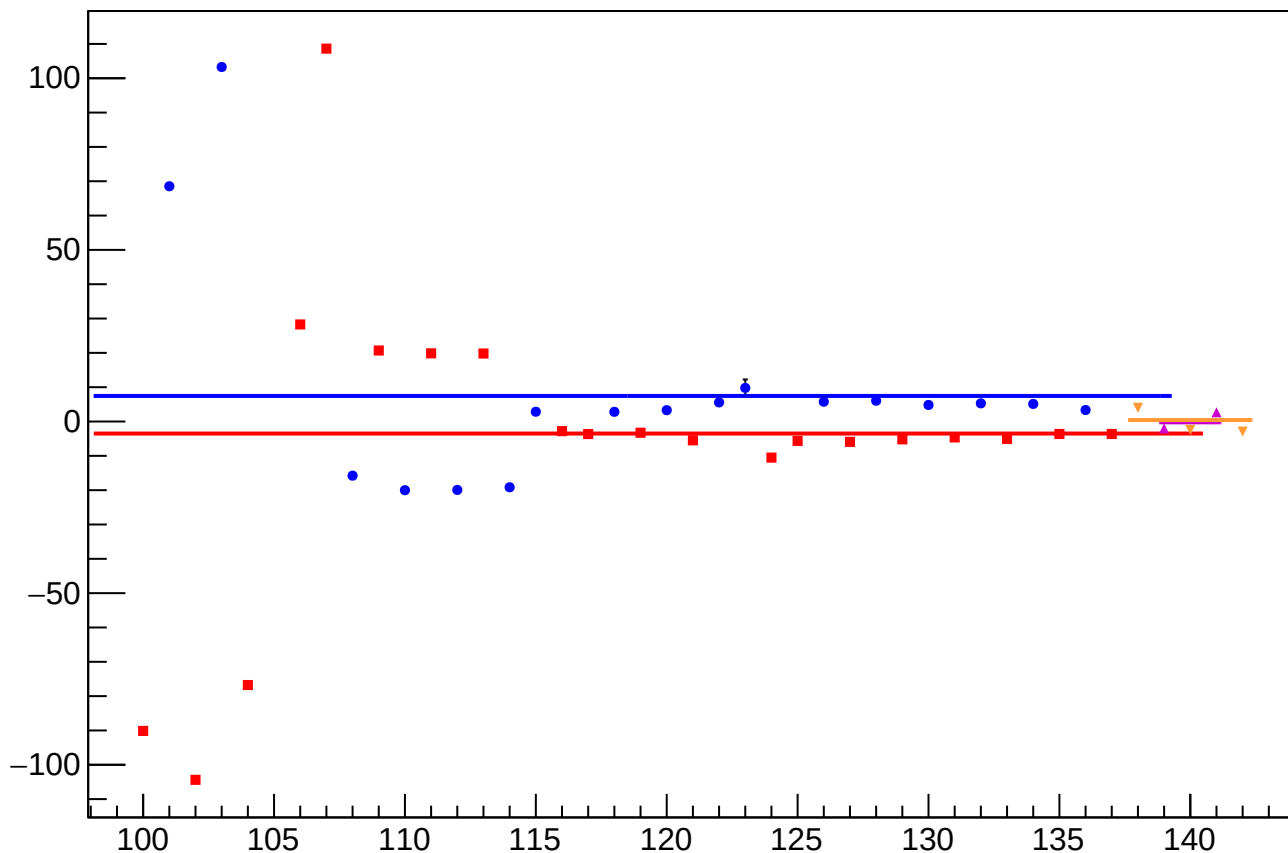
Left In: -2.310 ± 1.519 χ^2/NDF : 1.0/1

1.124 ± 0.632 χ^2/NDF : 94.1/19

0.252 ± 0.460 χ^2/NDF : 155.8/41

-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: 0.429+/-0.052 χ^2/NDF : 3973.4/2

Right Out: -3.503+/-0.045 χ^2/NDF : 510579.7/19

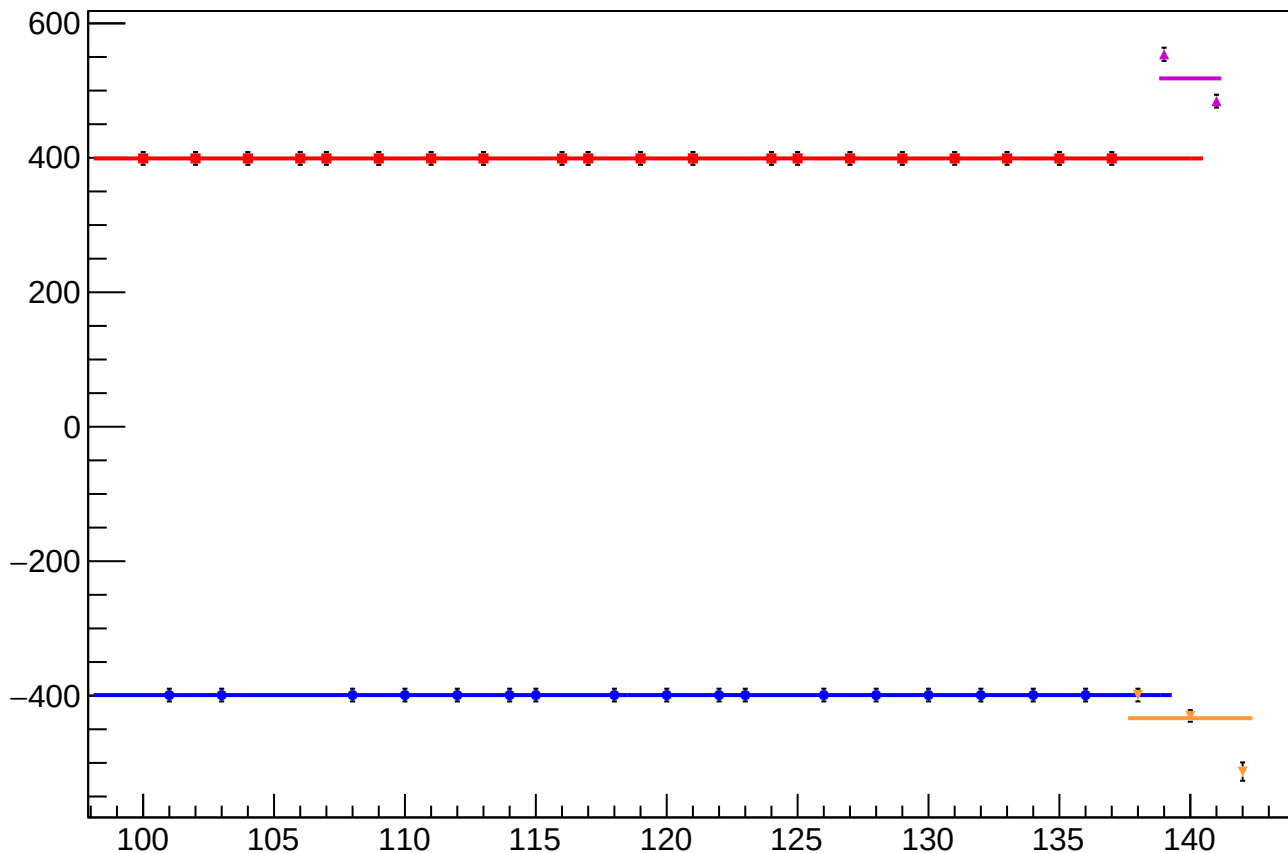
Left In: -0.236+/-0.053 χ^2/NDF : 1827.0/1

4.497+/-0.034 χ^2/NDF : 370555.4/19

1.262+/-0.024 χ^2/NDF : 903892.4/41

-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 $\pm$ 2.307 χ^2 /NDF: 0.0/16

Left Out: -433.507 $\pm$ 5.794 χ^2 /NDF: 47.0/2

Right Out: 399.124 $\pm$ 2.127 χ^2 /NDF: 0.0/19

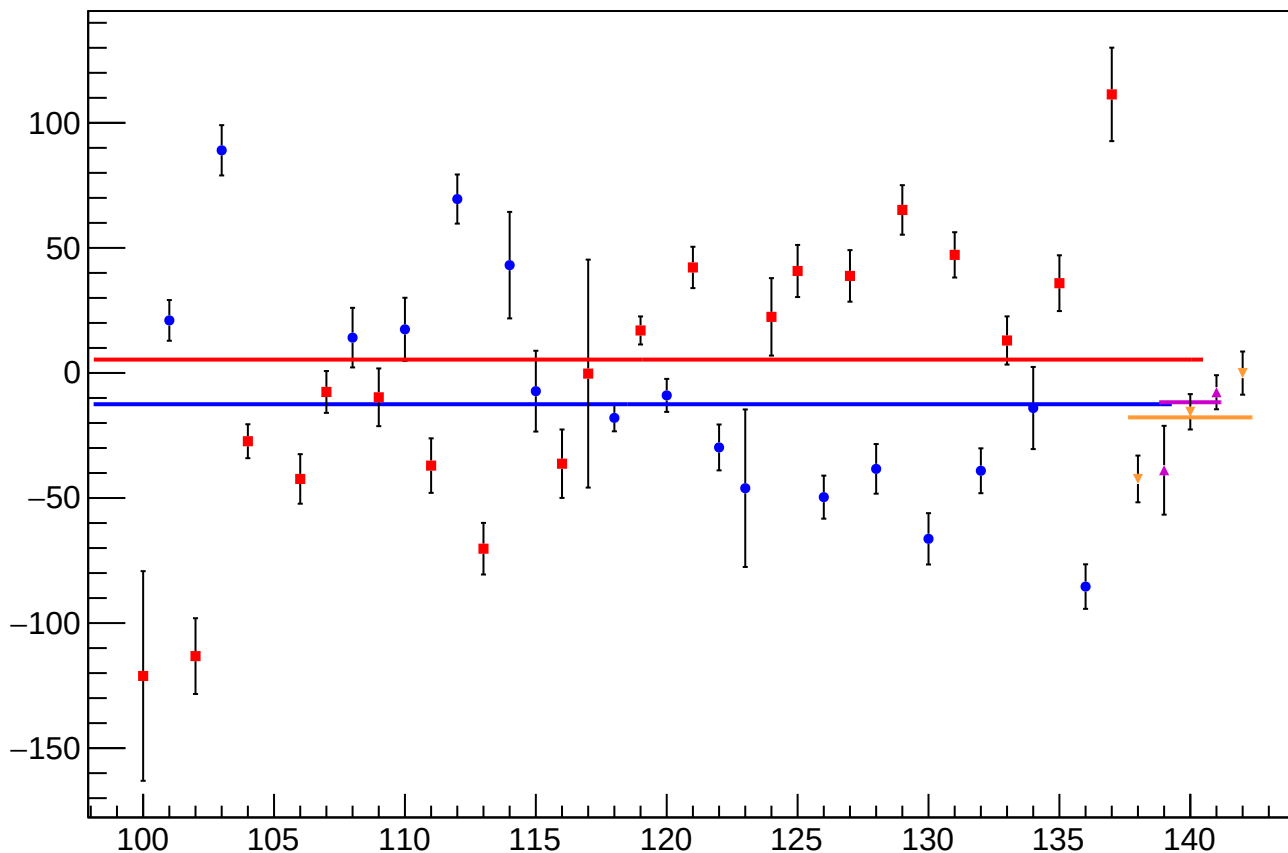
Left In: 518.141 $\pm$ 6.863 χ^2 /NDF: 25.8/1

-403.829 $\pm$ 2.143 χ^2 /NDF: 77.4/19

24.611 $\pm$ 1.474 χ^2 /NDF: 76240.2/41

409.553 $\pm$ 2.032 χ^2 /NDF: 300.1/21

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: -17.754 ± 4.719 χ^2/NDF : 11.3/2

Right Out: 5.349 ± 2.261 χ^2/NDF : 344.6/19

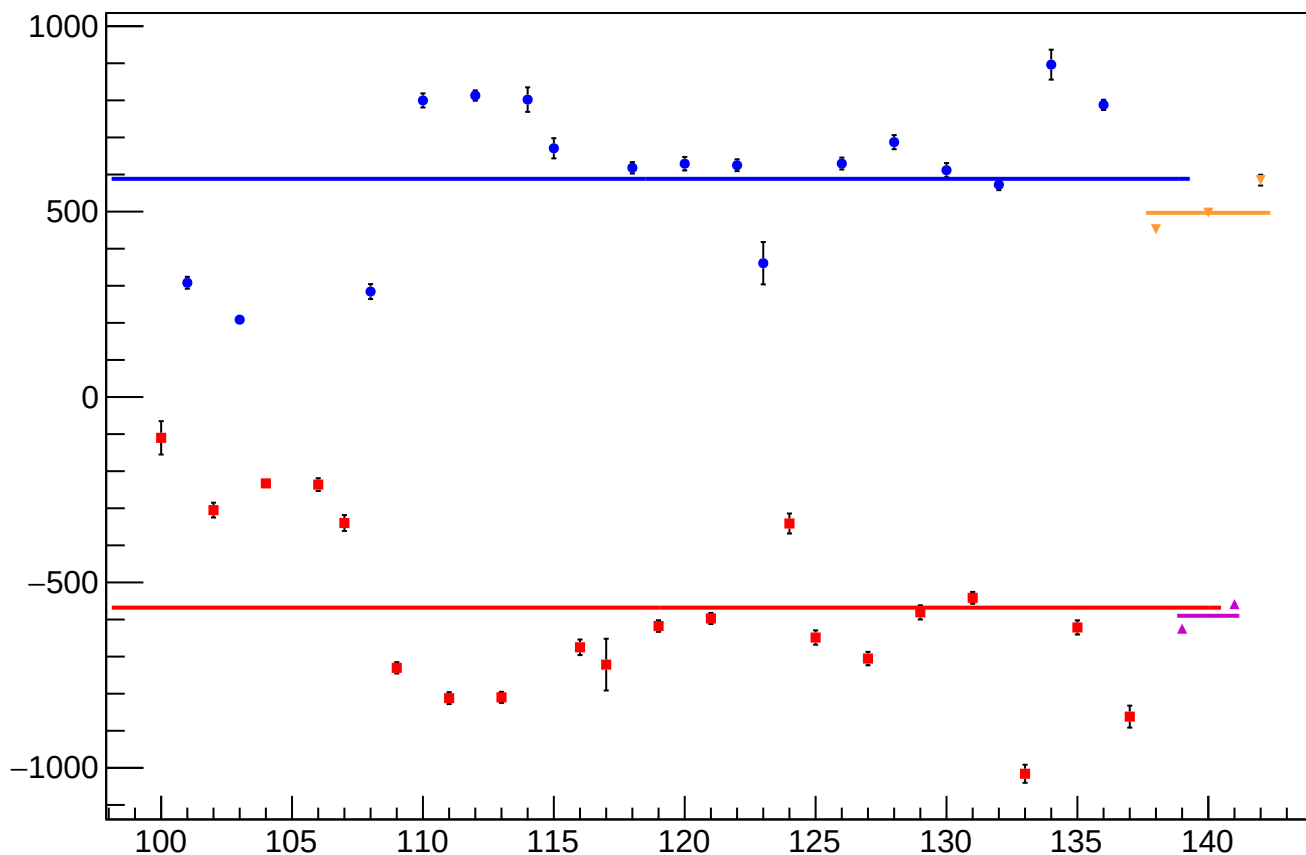
Left In: -11.713 ± 6.361 χ^2/NDF : 2.7/1

-13.516 ± 2.075 χ^2/NDF : 353.3/19

-5.264 ± 1.487 χ^2/NDF : 739.5/41

3.434 ± 2.131 χ^2/NDF : 353.7/21

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.421 ± 4.320 χ^2/NDF : 2130.2/16

Left Out: 496.765 ± 6.215 χ^2/NDF : 54.7/2

Right Out: -567.992 ± 4.130 χ^2/NDF : 2789.7/19

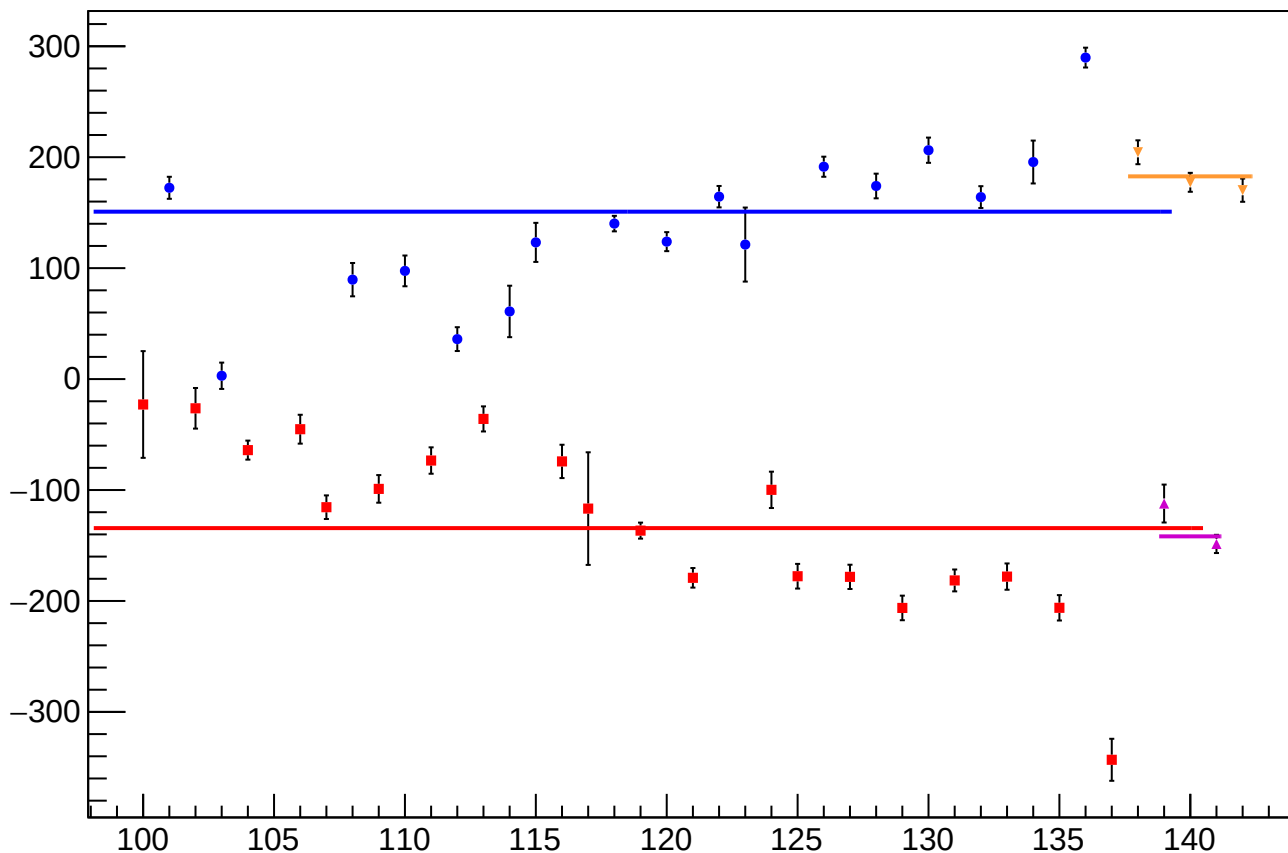
Left In: -589.905 ± 7.360 χ^2/NDF : 20.2/1

558.560 ± 3.547 χ^2/NDF : 2331.5/19

1.207 ± 2.527 χ^2/NDF : 55273.4/41

-573.238 ± 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: 182.722 $\pm$ 5.636 χ^2/NDF : 5.9/2

Right Out: -134.334 $\pm$ 2.616 χ^2/NDF : 585.0/19

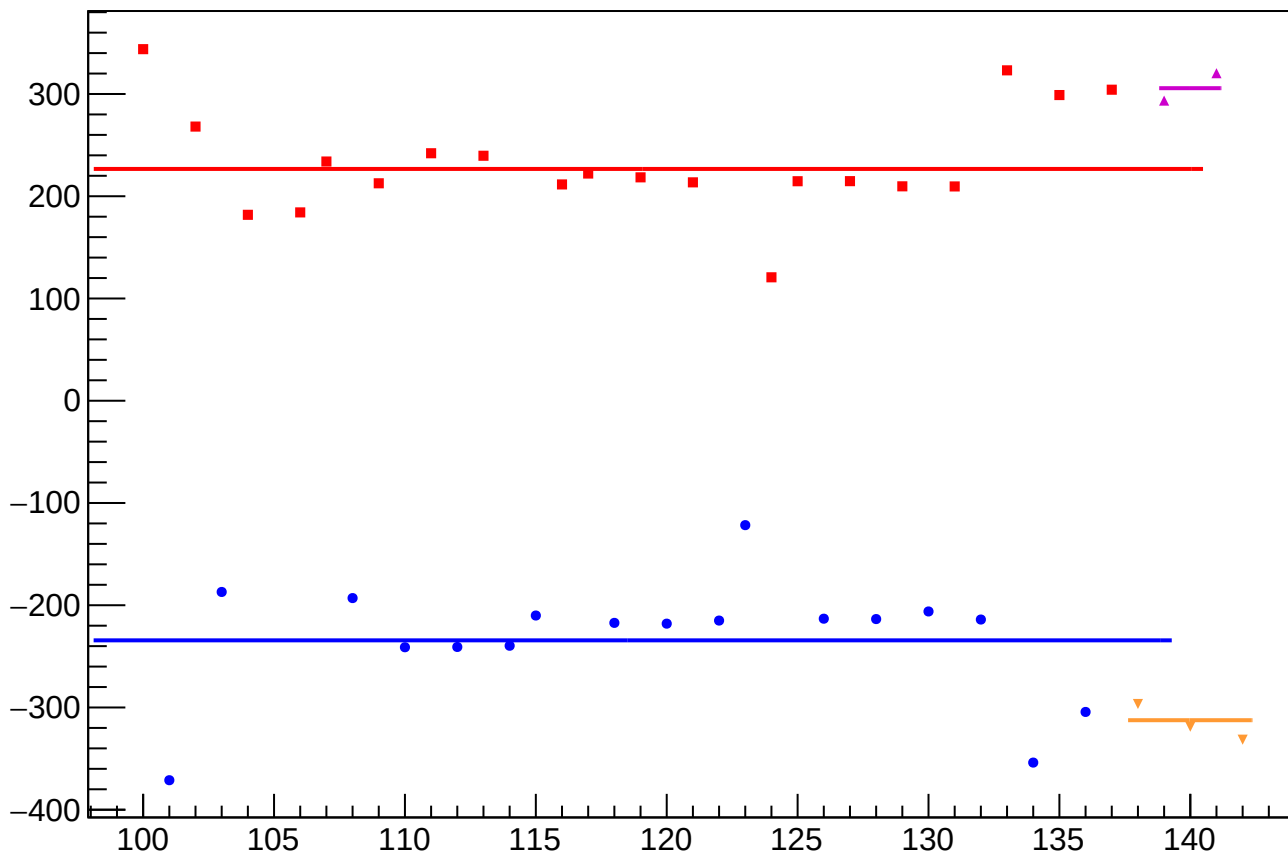
Left In: -141.766 $\pm$ 7.399 χ^2/NDF : 3.7/1

156.739 $\pm$ 2.416 χ^2/NDF : 666.7/19

13.828 $\pm$ 1.726 χ^2/NDF : 8404.5/41

-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 χ^2/NDF : 145165.1/16

Left Out: -312.447+/-0.258 χ^2/NDF : 2789.0/2

Right Out: 226.707+/-0.141 χ^2/NDF : 99442.4/19

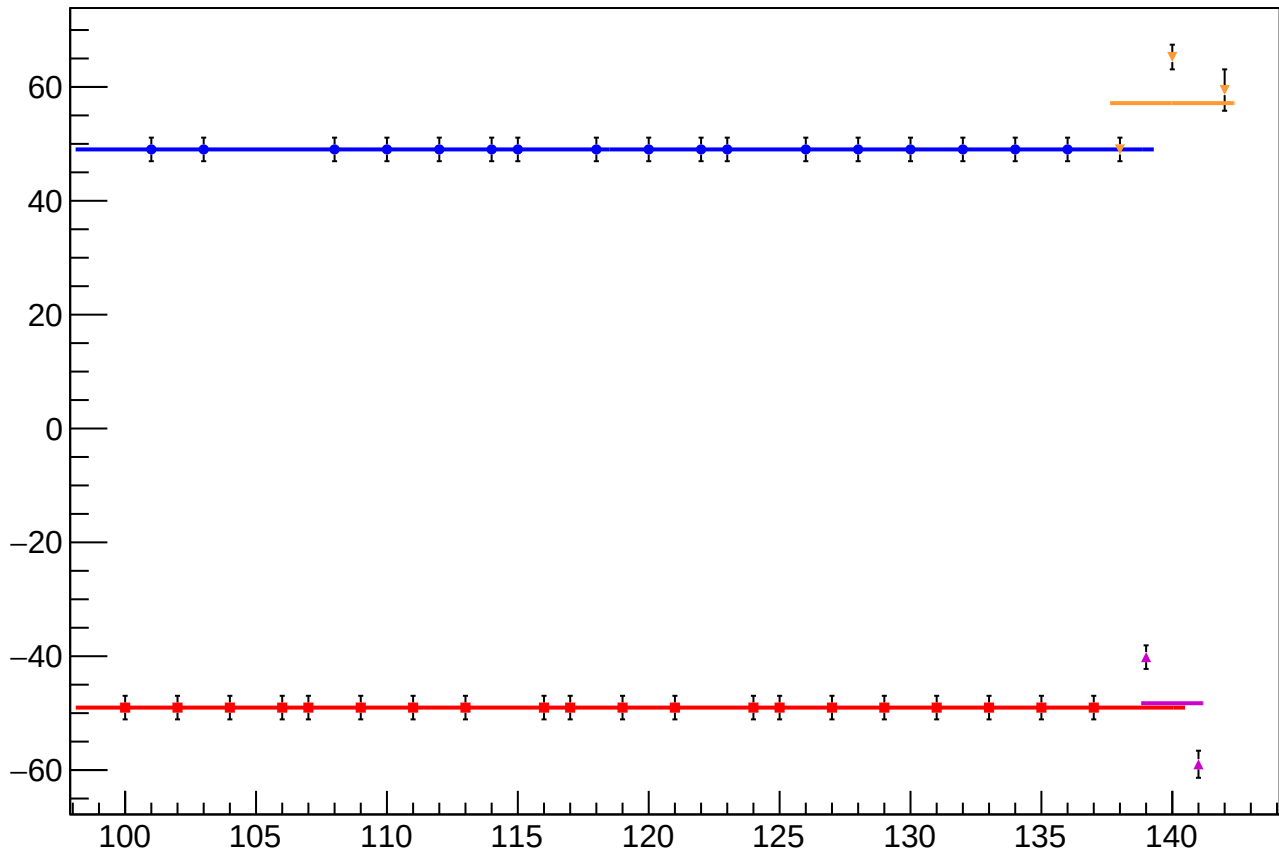
Left In: 305.687+/-0.278 χ^2/NDF : 2305.5/1

-253.704+/-0.129 χ^2/NDF : 216714.7/19

-0.035+/-0.090 χ^2/NDF : 7998198.2/41

242.916+/-0.126 χ^2/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: 57.157 $\pm$ 1.384 χ^2/NDF : 29.8/2

Right Out: -49.025 $\pm$ 0.463 χ^2/NDF : 0.0/19

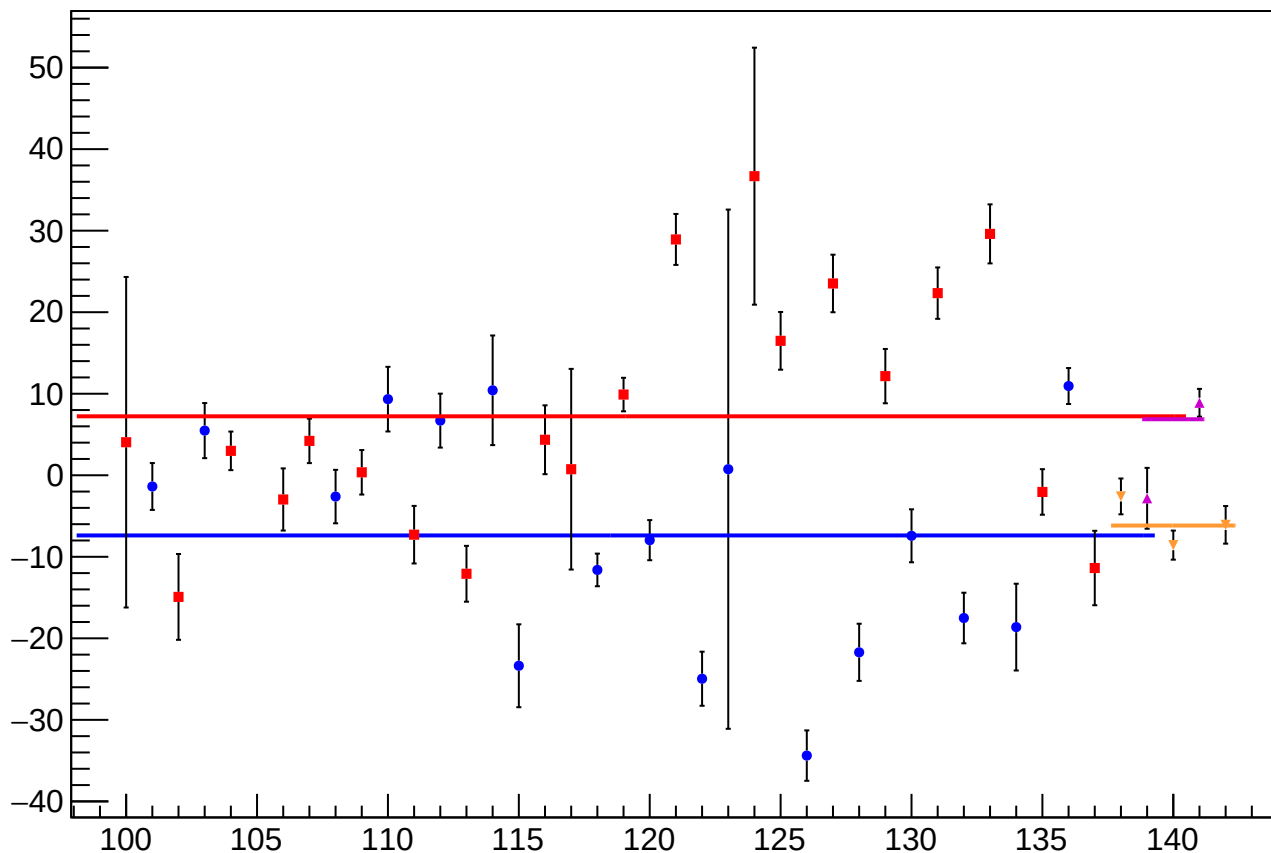
Left In: -48.260 $\pm$ 1.561 χ^2/NDF : 35.6/1

49.970 $\pm$ 0.472 χ^2/NDF : 60.3/19

-2.540 $\pm$ 0.323 χ^2/NDF : 23415.4/41

-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+/-0.779 χ^2/NDF : 283.6/16

Left Out: -6.166+/-1.187 χ^2/NDF : 4.5/2

Right Out: 7.231+/-0.761 χ^2/NDF : 257.6/19

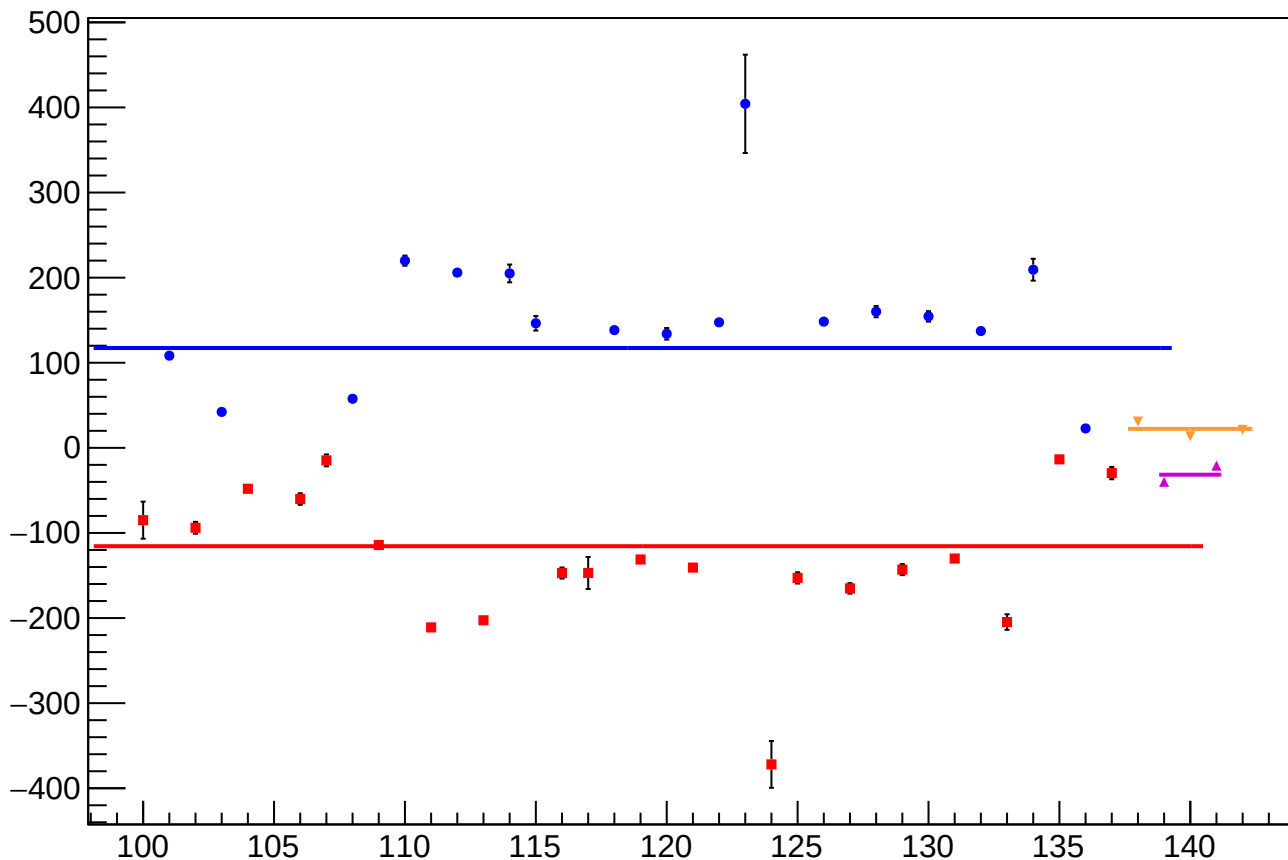
Left In: 6.869+/-1.551 χ^2/NDF : 8.2/1

-7.016+/-0.651 χ^2/NDF : 288.8/19

-0.265+/-0.471 χ^2/NDF : 780.3/41

7.161+/-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: 22.284 $\pm$ 1.487 χ^2 /NDF: 29.0/2

Right Out: -115.570 $\pm$ 1.357 χ^2 /NDF: 2153.3/19

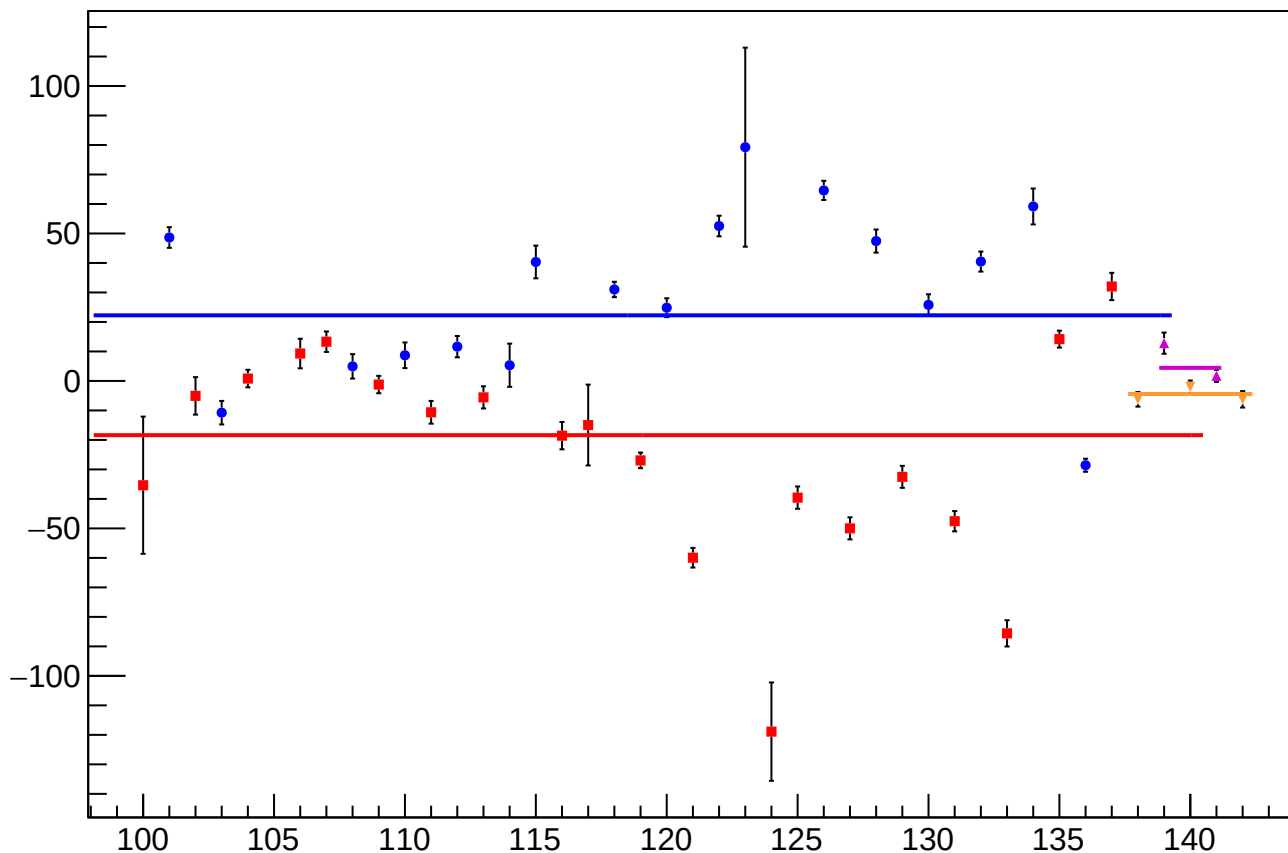
Left In: -31.547 $\pm$ 1.677 χ^2 /NDF: 31.6/1

72.379 $\pm$ 1.023 χ^2 /NDF: 4341.7/19

-2.575 $\pm$ 0.734 χ^2 /NDF: 19128.8/41

-82.323 $\pm$ 1.055 χ^2 /NDF: 3701.8/21

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.250 ± 0.889 $\chi^2/\text{NDF}: 1071.4/16$

Left Out: -4.424 ± 1.402 $\chi^2/\text{NDF}: 2.2/2$

Right Out: -18.381 ± 0.870 $\chi^2/\text{NDF}: 1077.2/19$

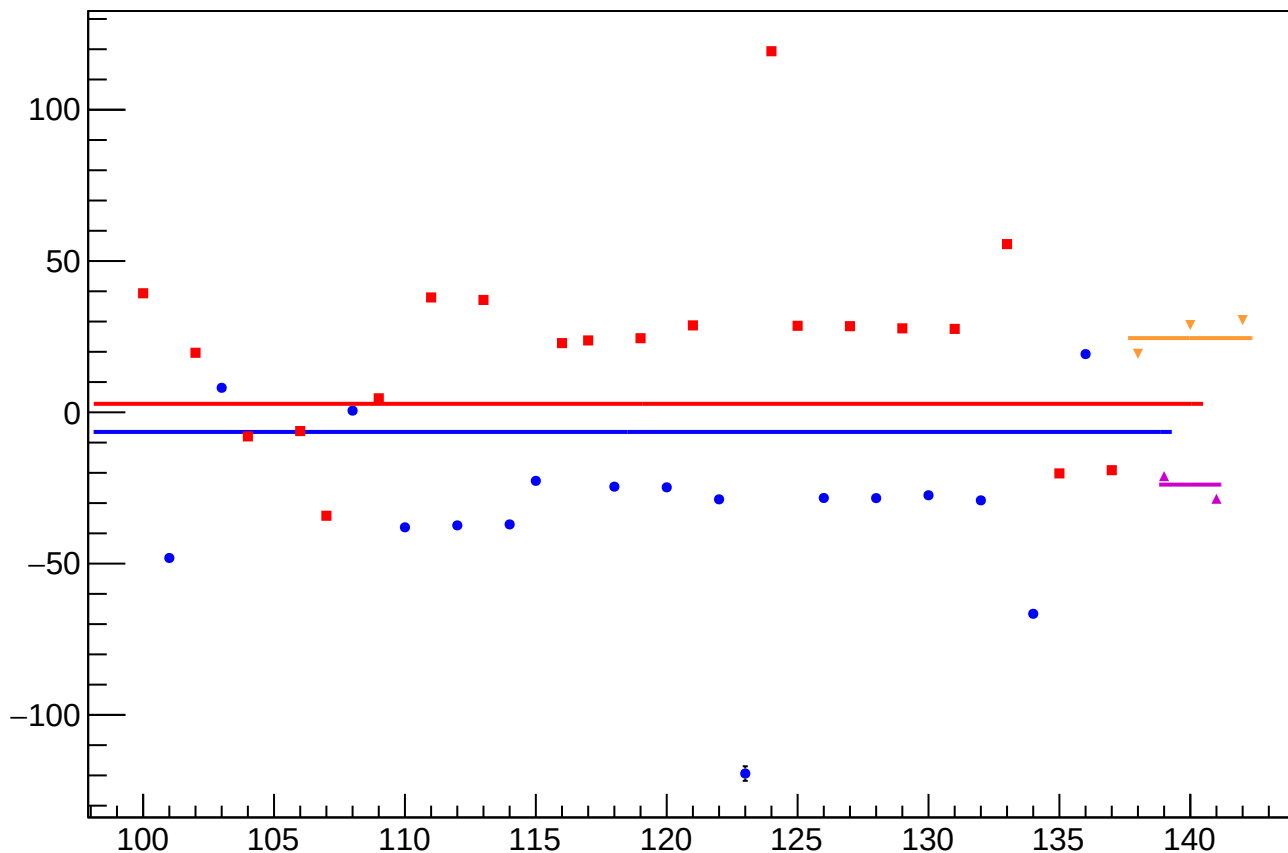
Left In: 4.447 ± 1.778 $\chi^2/\text{NDF}: 7.2/1$

14.595 ± 0.751 $\chi^2/\text{NDF}: 1331.9/19$

0.885 ± 0.541 $\chi^2/\text{NDF}: 3244.1/41$

-13.969 ± 0.781 $\chi^2/\text{NDF}: 1217.4/21$

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: 24.530 ± 0.061 $\chi^2/\text{NDF}: 6818.8/2$

Right Out: 2.811 ± 0.046 $\chi^2/\text{NDF}: 266885.9/19$

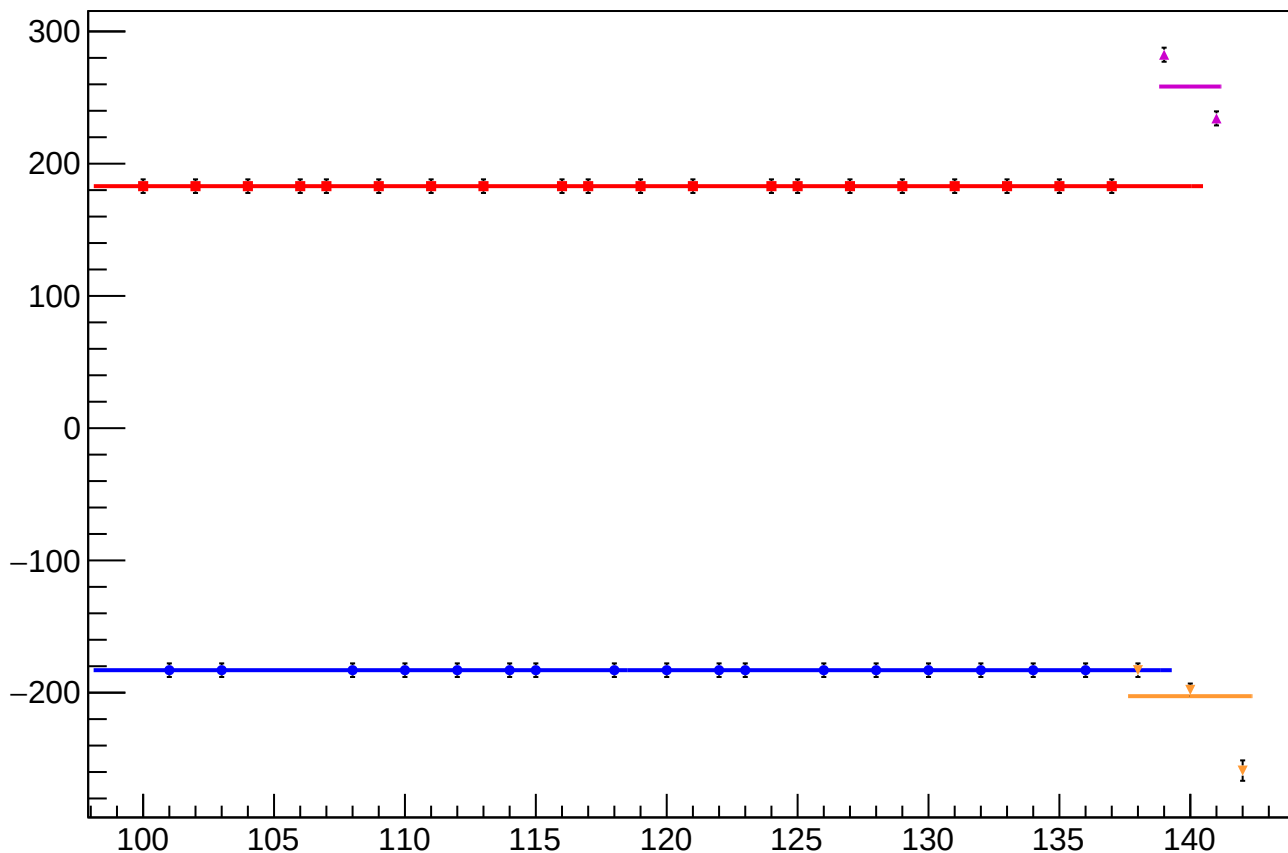
Left In: -23.891 ± 0.062 $\chi^2/\text{NDF}: 3359.9/1$

4.884 ± 0.037 $\chi^2/\text{NDF}: 438034.4/19$

-0.796 ± 0.026 $\chi^2/\text{NDF}: 875623.0/41$

-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 ± 1.250 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -202.650 ± 3.201 $\chi^2/\text{NDF}: 68.7/2$

Right Out: 182.999 ± 1.152 $\chi^2/\text{NDF}: 0.0/19$

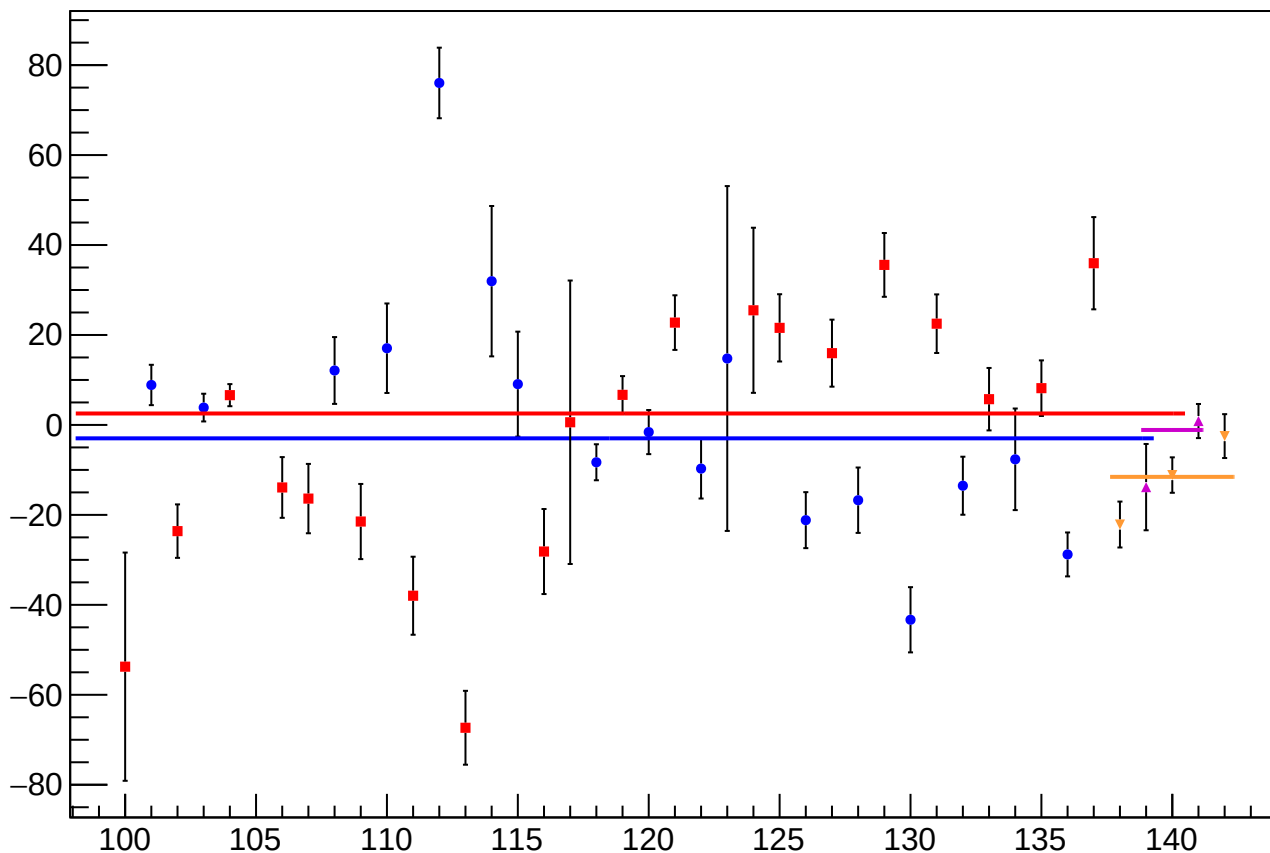
Left In: 258.330 ± 3.763 $\chi^2/\text{NDF}: 40.9/1$

-185.598 ± 1.164 $\chi^2/\text{NDF}: 101.4/19$

12.255 ± 0.800 $\chi^2/\text{NDF}: 55256.6/41$

189.456 ± 1.102 $\chi^2/\text{NDF}: 407.3/21$

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: -11.547 ± 2.628 χ^2/NDF : 7.8/2

Right Out: 2.544 ± 1.397 χ^2/NDF : 218.1/19

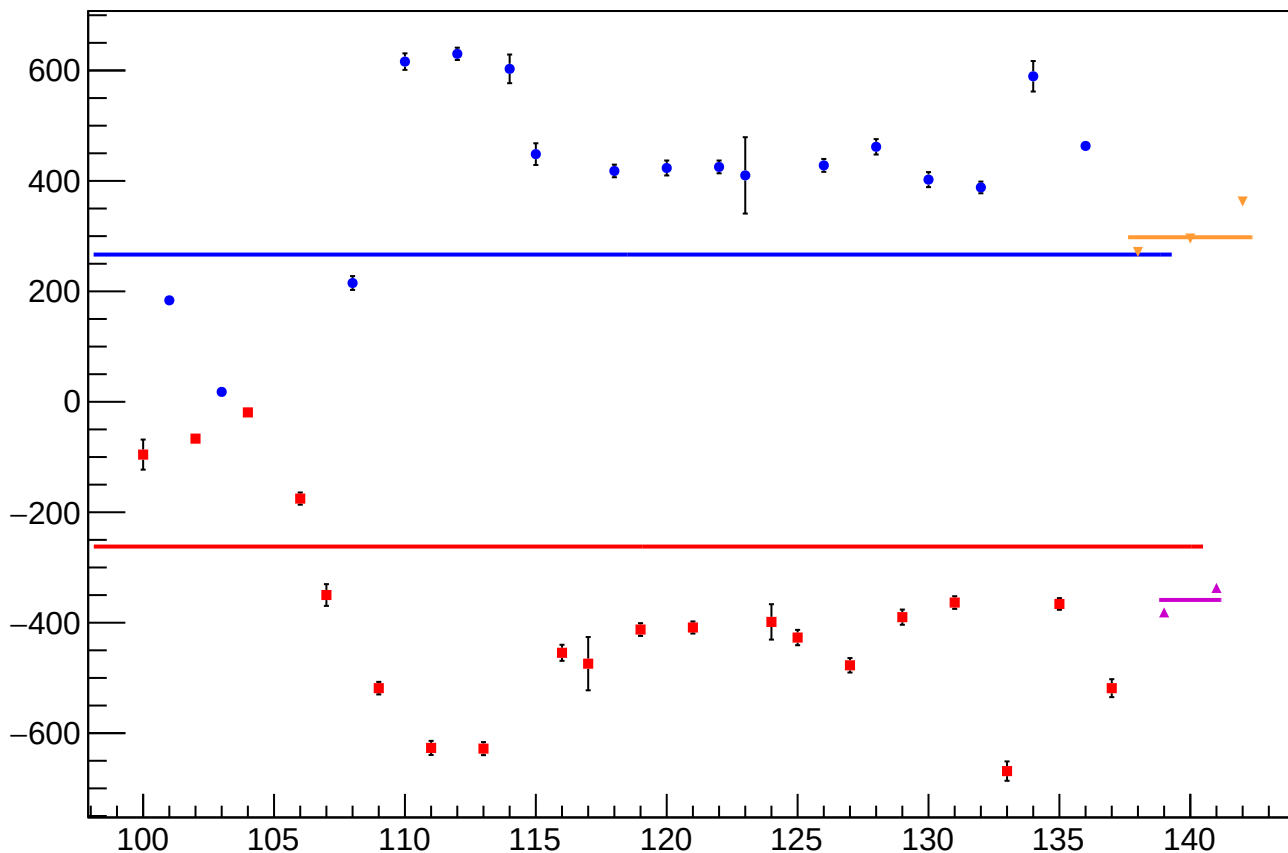
Left In: -1.119 ± 3.527 χ^2/NDF : 2.0/1

-4.982 ± 1.270 χ^2/NDF : 219.8/19

-1.547 ± 0.908 χ^2/NDF : 455.9/41

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: 297.997 $\pm$ 3.435 χ^2 /NDF:84.4/2

Right Out: -262.101 $\pm$ 2.455 χ^2 /NDF: 8227.6/19

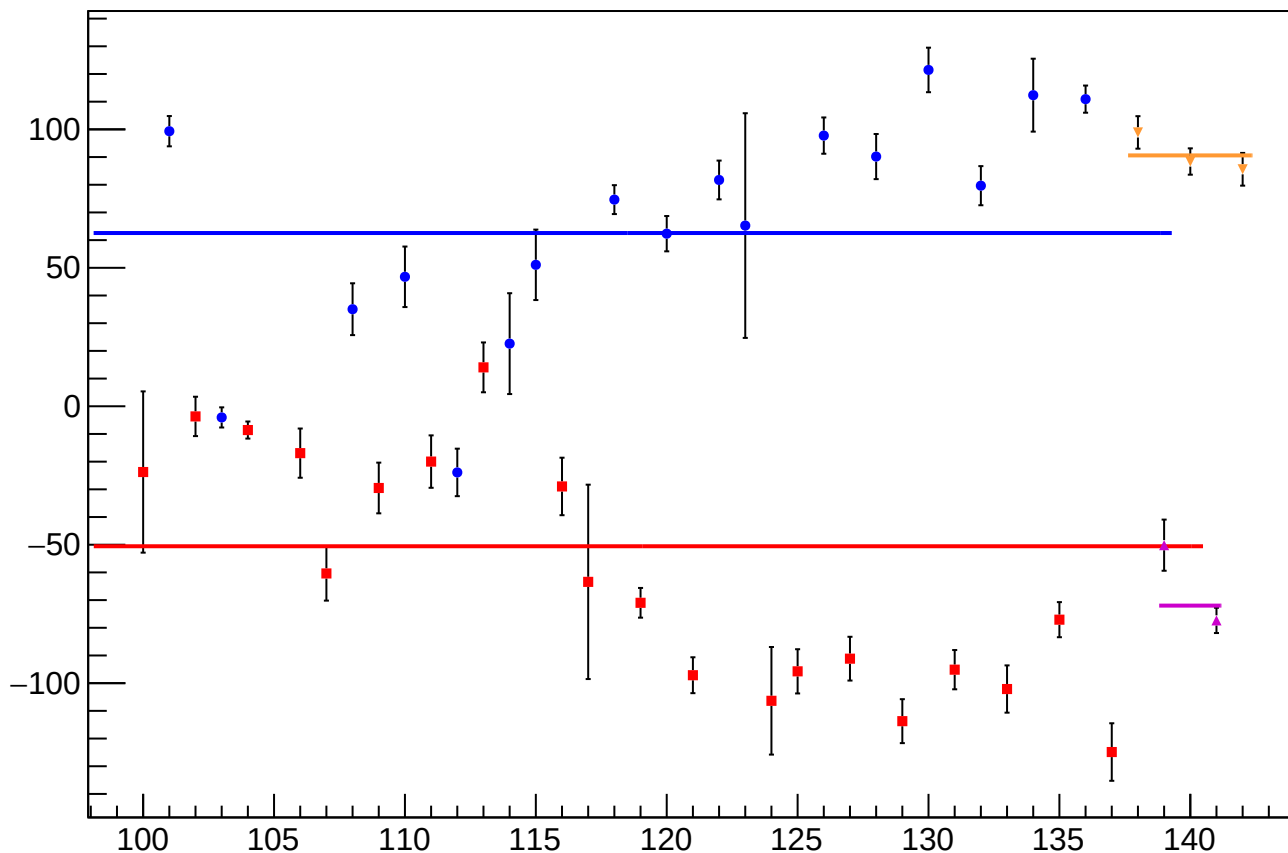
Left In: -358.761 $\pm$ 4.037 χ^2 /NDF:30.1/1

277.358 $\pm$ 2.009 χ^2 /NDF: 7802.0/19

6.716 $\pm$ 1.451 χ^2 /NDF: 54395.0/41

-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: 90.596+/-3.133 χ^2/NDF : 2.9/2

Right Out: -50.554+/-1.642 χ^2/NDF : 657.1/19

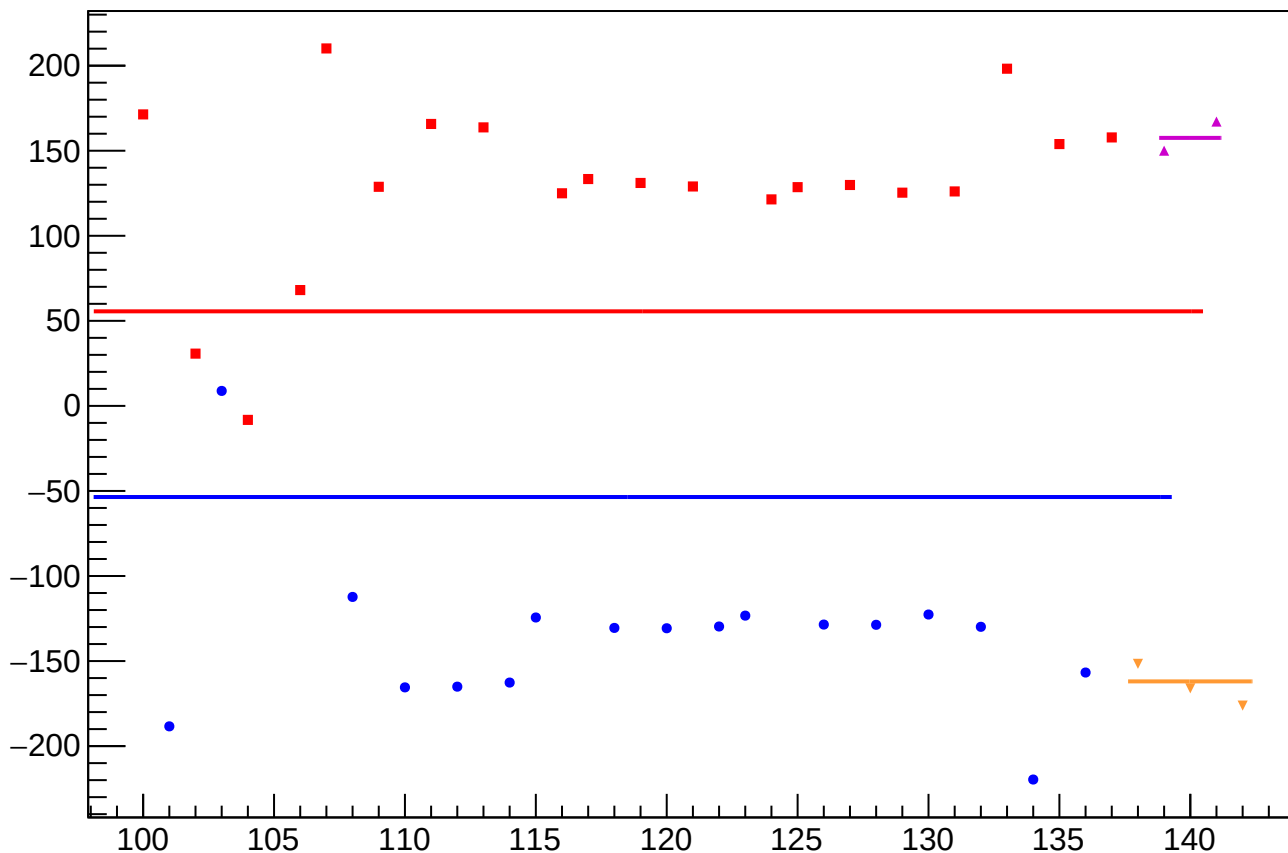
Left In: -71.989+/-4.094 χ^2/NDF : 7.0/1

68.815+/-1.479 χ^2/NDF : 787.5/19

9.453+/-1.061 χ^2/NDF : 4793.9/41

-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 $\chi^2/\text{NDF}: 1230233.3/16$

Left Out: -161.955 ± 0.142 $\chi^2/\text{NDF}: 4332.6/2$

Right Out: 55.585 ± 0.072 $\chi^2/\text{NDF}: 970875.1/19$

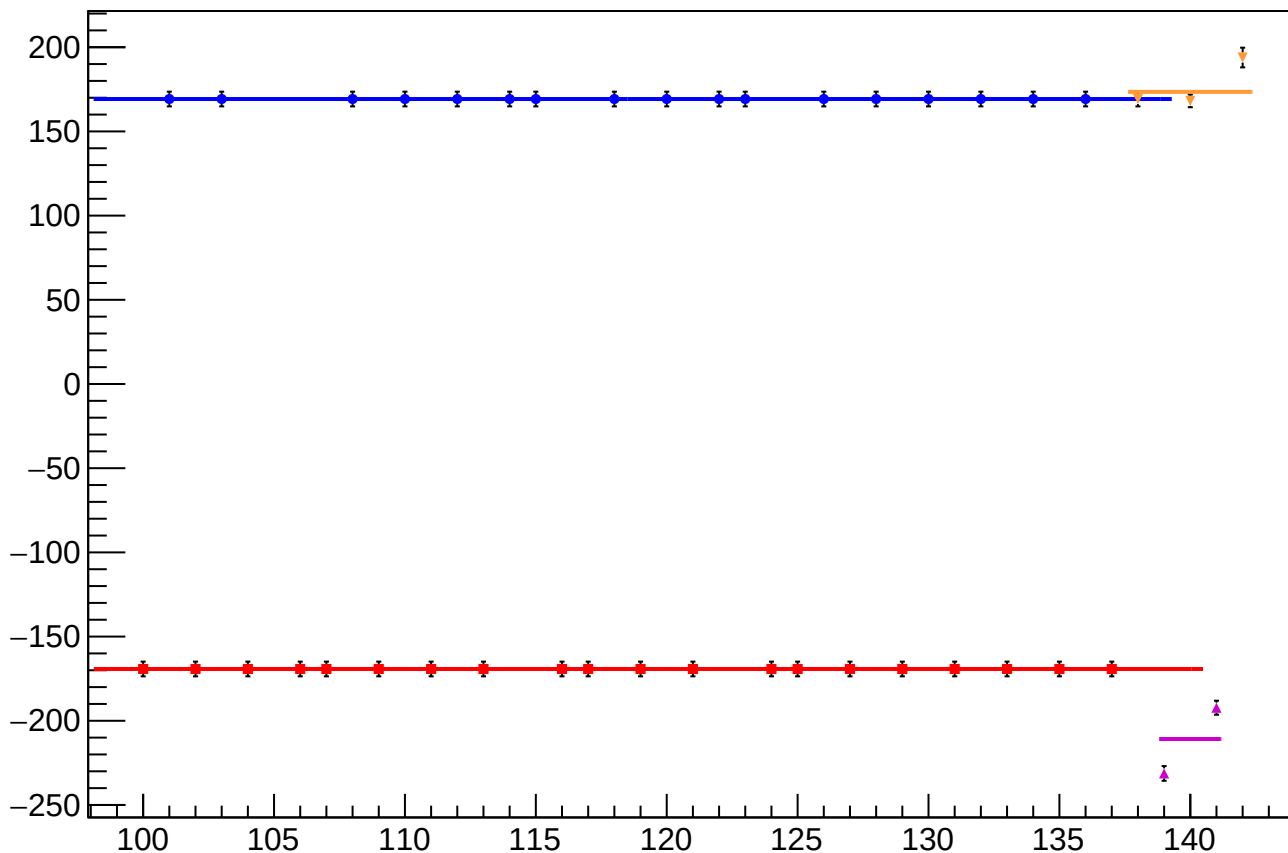
Left In: 157.552 ± 0.152 $\chi^2/\text{NDF}: 3118.2/1$

-74.795 ± 0.063 $\chi^2/\text{NDF}: 1700481.2/19$

-2.580 ± 0.045 $\chi^2/\text{NDF}: 5751368.5/41$

74.199 ± 0.065 $\chi^2/\text{NDF}: 1341478.2/21$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 169.242 ± 1.061 $\chi^2/\text{NDF}: 0.0/16$

Left Out: 173.492 ± 2.571 $\chi^2/\text{NDF}: 15.1/2$

Right Out: -169.242 ± 0.979 $\chi^2/\text{NDF}: 0.0/19$

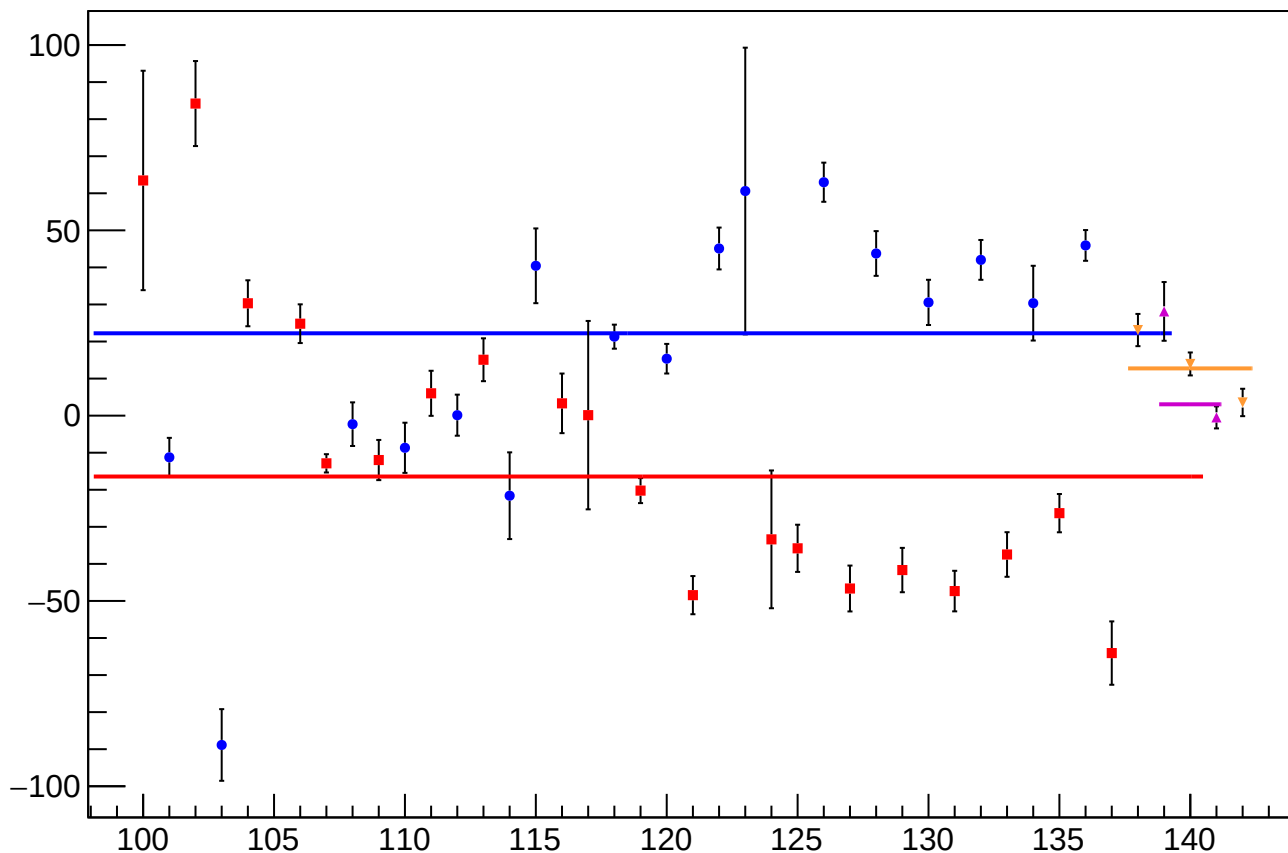
Left In: -210.818 ± 3.020 $\chi^2/\text{NDF}: 41.6/1$

169.861 ± 0.981 $\chi^2/\text{NDF}: 17.4/19$

-10.657 ± 0.675 $\chi^2/\text{NDF}: 64577.3/41$

-173.192 ± 0.931 $\chi^2/\text{NDF}: 213.1/21$

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: 12.746 ± 2.084 $\chi^2/\text{NDF}: 12.0/2$

Right Out: -16.427 ± 1.228 $\chi^2/\text{NDF}: 426.3/19$

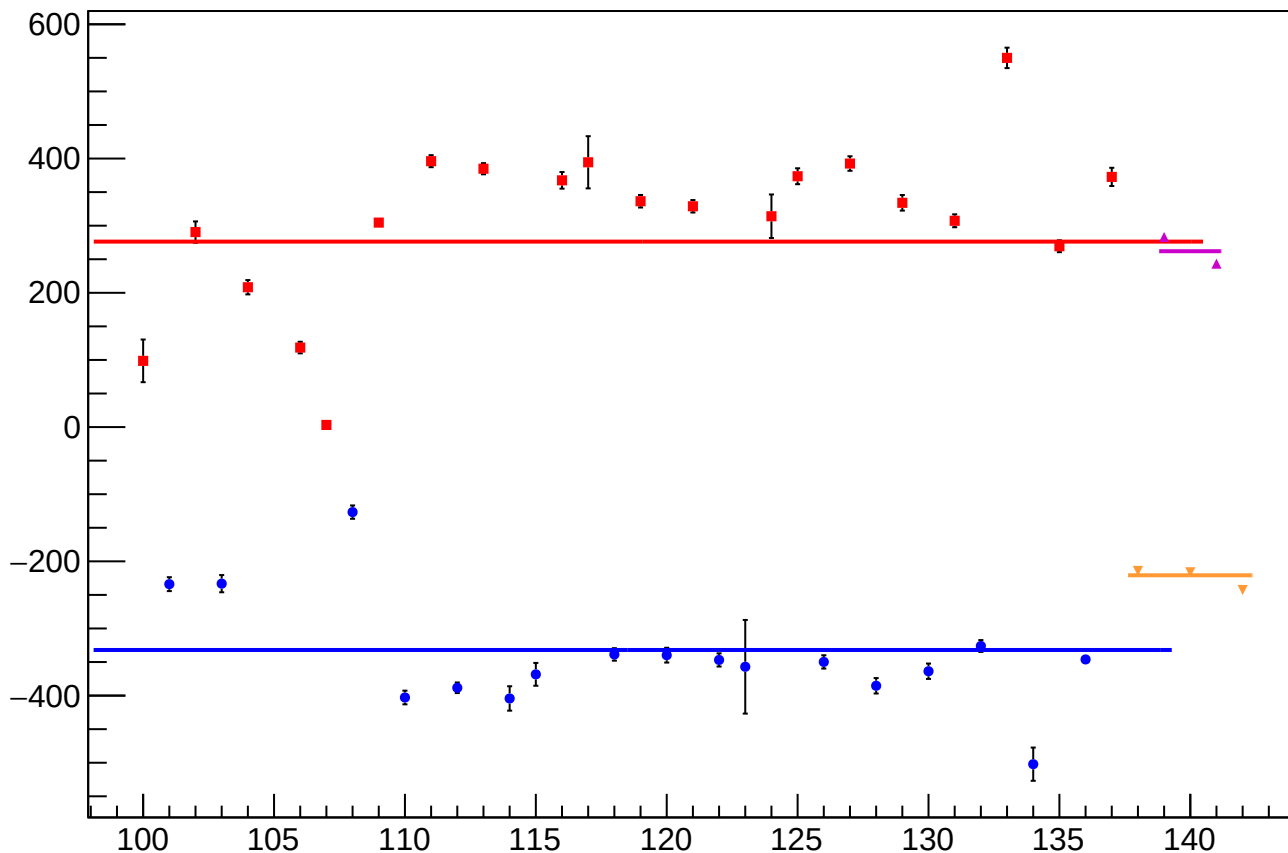
Left In: 3.061 ± 2.785 $\chi^2/\text{NDF}: 11.4/1$

19.352 ± 1.147 $\chi^2/\text{NDF}: 412.0/19$

2.714 ± 0.803 $\chi^2/\text{NDF}: 1303.1/41$

-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 ± 2.562 χ^2/NDF : 784.9/16

Left Out: -220.766 ± 2.757 χ^2/NDF : 15.4/2

Right Out: 276.276 ± 2.320 χ^2/NDF : 3372.1/19

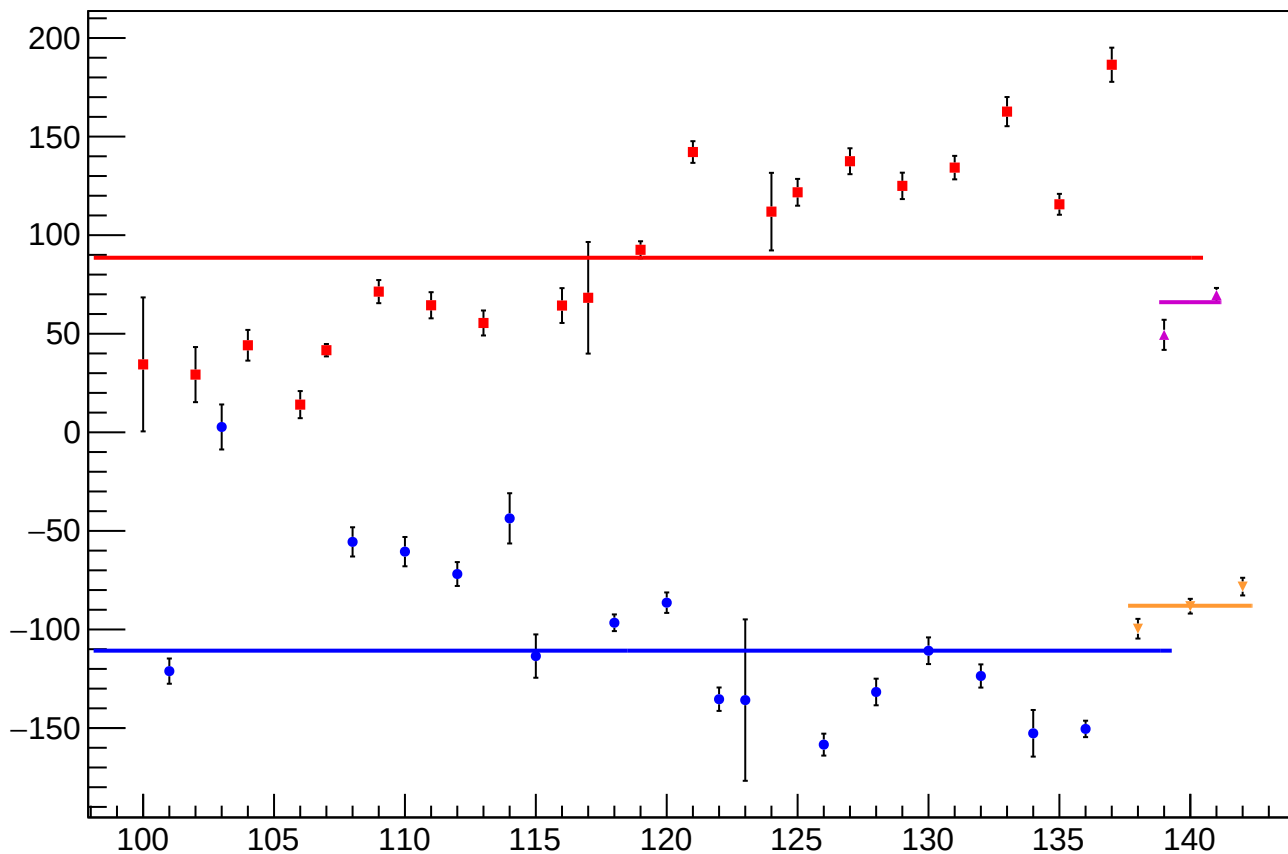
Left In: 261.969 ± 3.237 χ^2/NDF : 37.4/1

-280.475 ± 1.877 χ^2/NDF : 1674.5/19

-5.873 ± 1.330 χ^2/NDF : 48125.9/41

271.421 ± 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: -87.960+/-2.488 χ^2/NDF : 10.1/2

Right Out: 88.548+/-1.433 χ^2/NDF : 970.2/19

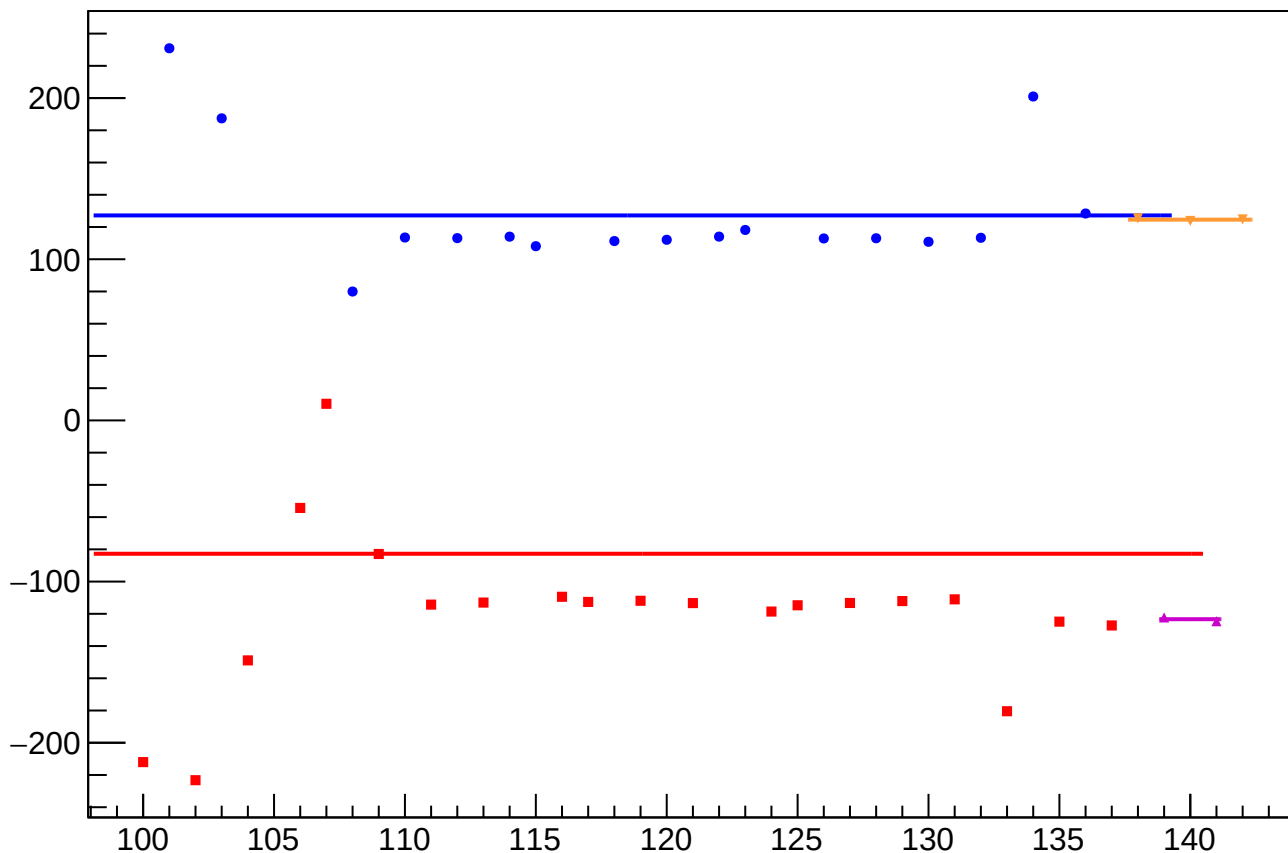
Left In: 66.007+/-3.241 χ^2/NDF : 5.7/1

-104.212+/-1.332 χ^2/NDF : 583.4/19

-8.103+/-0.934 χ^2/NDF : 11836.5/41

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: 124.561 $\pm$ 0.114 χ^2/NDF : 39.3/2

Right Out: -82.737 $\pm$ 0.075 χ^2/NDF : 765998.9/19

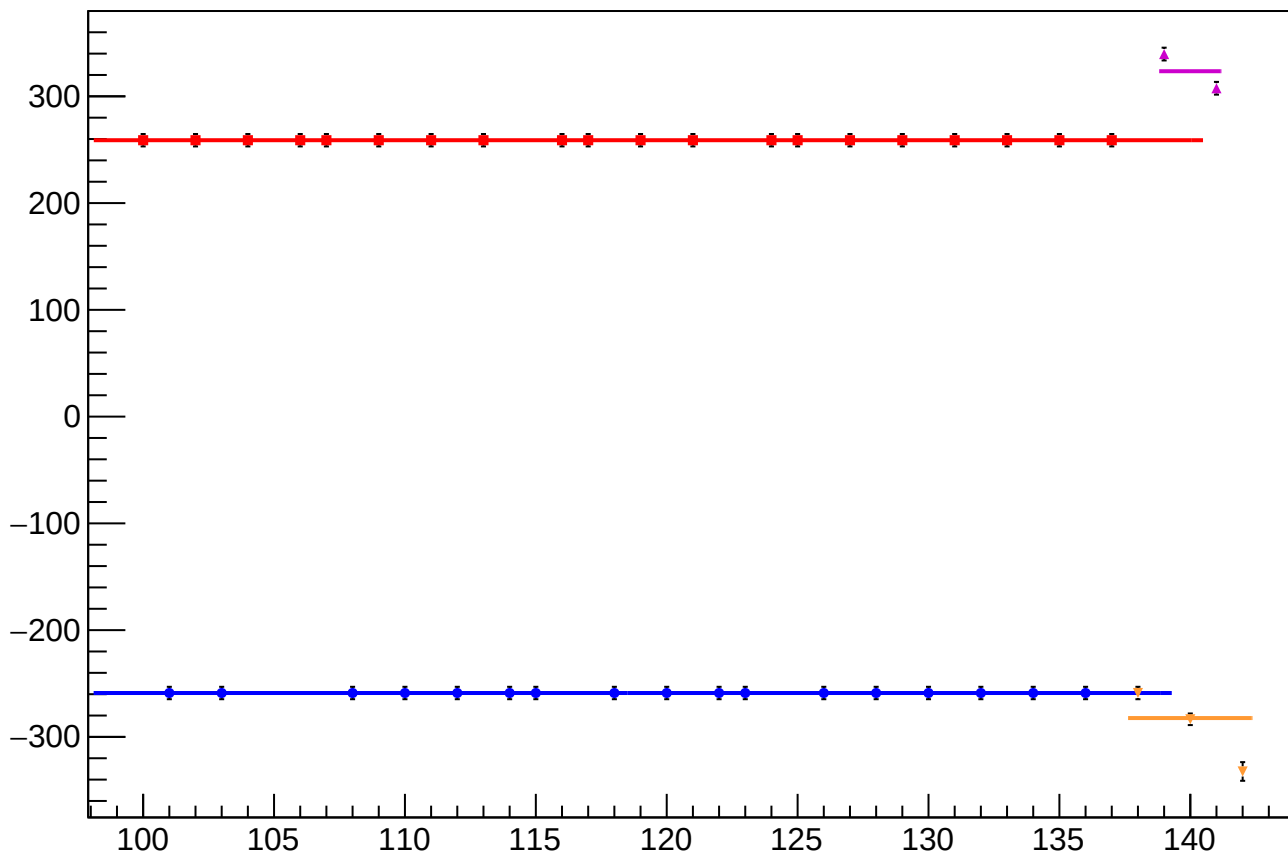
Left In: -123.345 $\pm$ 0.123 χ^2/NDF : 90.8/1

126.192 $\pm$ 0.070 χ^2/NDF : 188416.3/19

6.146 $\pm$ 0.047 χ^2/NDF : 6385047.1/41

-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: -282.351 ± 3.617 χ^2/NDF : 49.0/2

Right Out: 258.891 ± 1.301 χ^2/NDF : 0.0/19

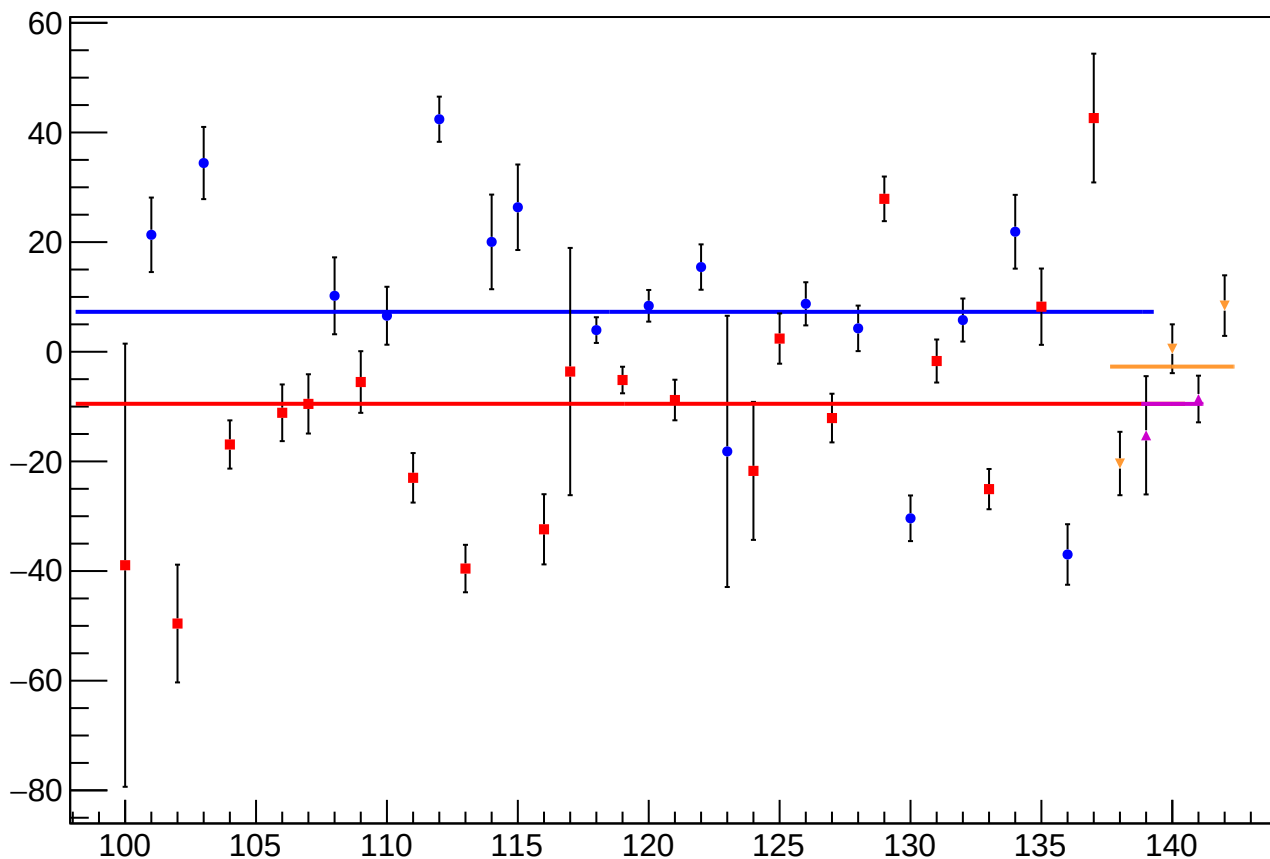
Left In: 323.512 ± 4.231 χ^2/NDF : 14.3/1

-261.991 ± 1.315 χ^2/NDF : 85.5/19

15.857 ± 0.904 χ^2/NDF : 84926.1/41

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 $\pm$ 1.084 χ^2 /NDF: 261.0/16

Left Out: -2.708 $\pm$ 2.974 χ^2 /NDF:13.9/2

Right Out: -9.491 $\pm$ 1.073 χ^2 /NDF: 231.6/19

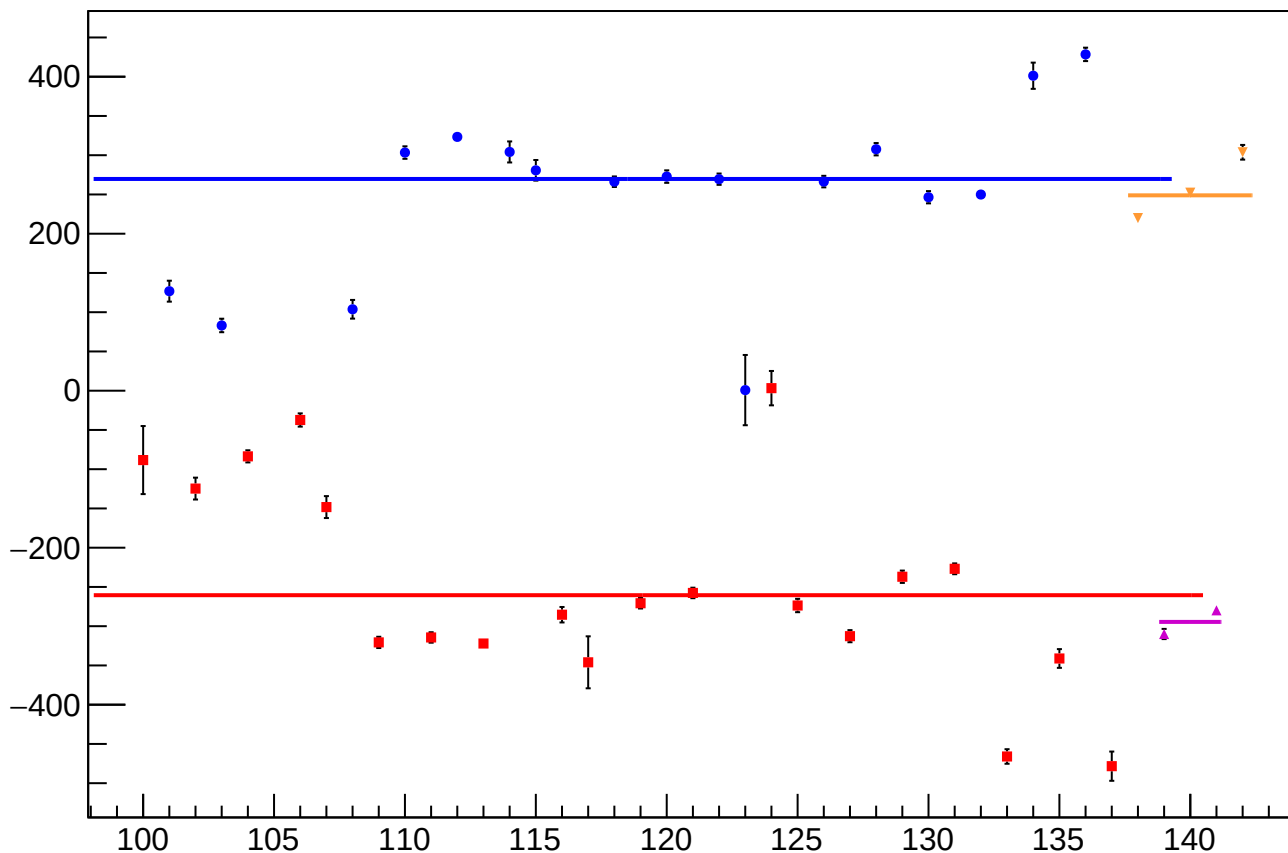
Left In: -9.510 $\pm$ 3.959 χ^2 /NDF:0.3/1

6.113 $\pm$ 1.018 χ^2 /NDF: 284.9/19

-1.555 $\pm$ 0.726 χ^2 /NDF: 632.3/41

-9.493 $\pm$ 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: 248.886 ± 3.881 χ^2/NDF : 55.7/2

Right Out: -260.511 ± 1.974 χ^2/NDF : 2548.2/19

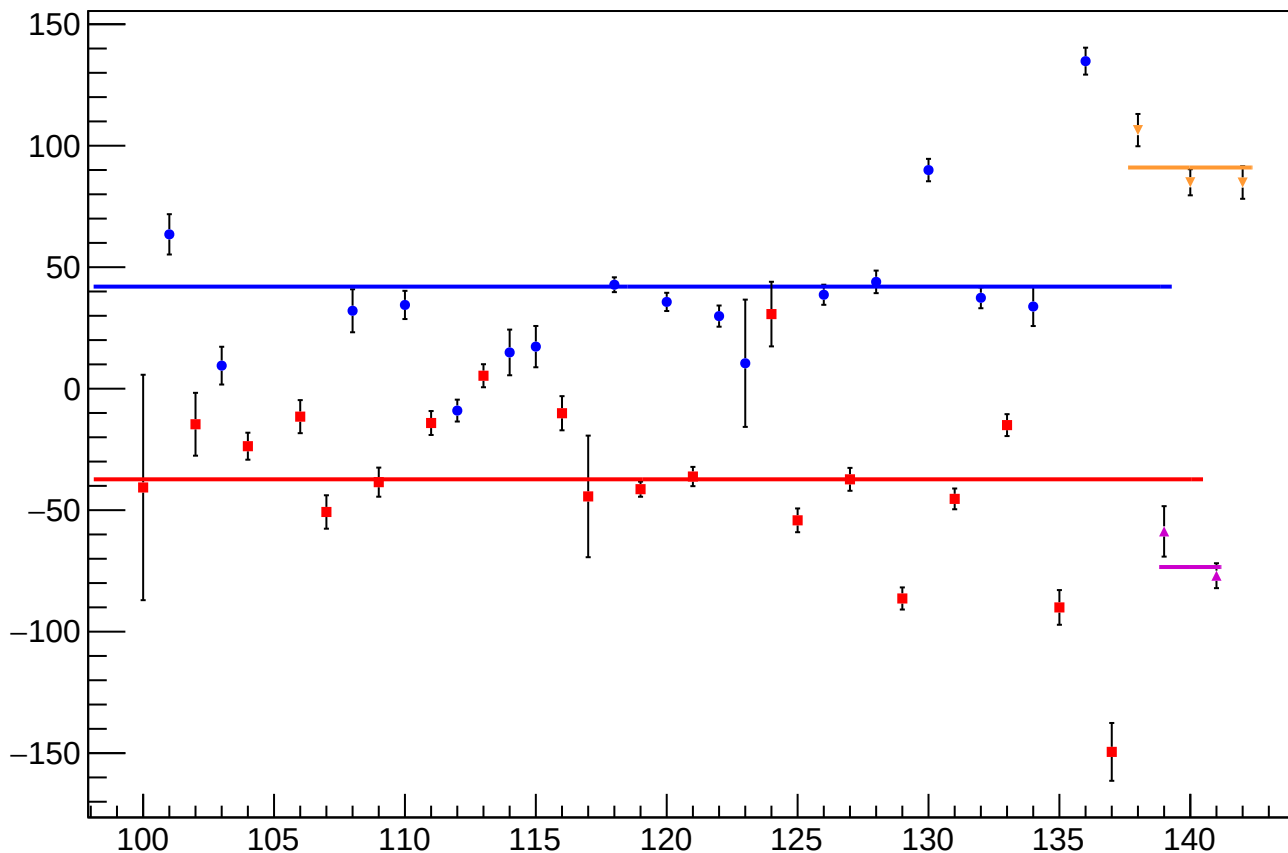
Left In: -294.540 ± 4.539 χ^2/NDF : 11.0/1

265.122 ± 1.827 χ^2/NDF : 1452.3/19

-2.869 ± 1.286 χ^2/NDF : 46678.0/41

-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 $\pm$ 1.255 χ^2/NDF : 575.6/16

Left Out: 91.029 $\pm$ 3.545 χ^2/NDF : 7.5/2

Right Out: -37.301 $\pm$ 1.236 χ^2/NDF : 472.7/19

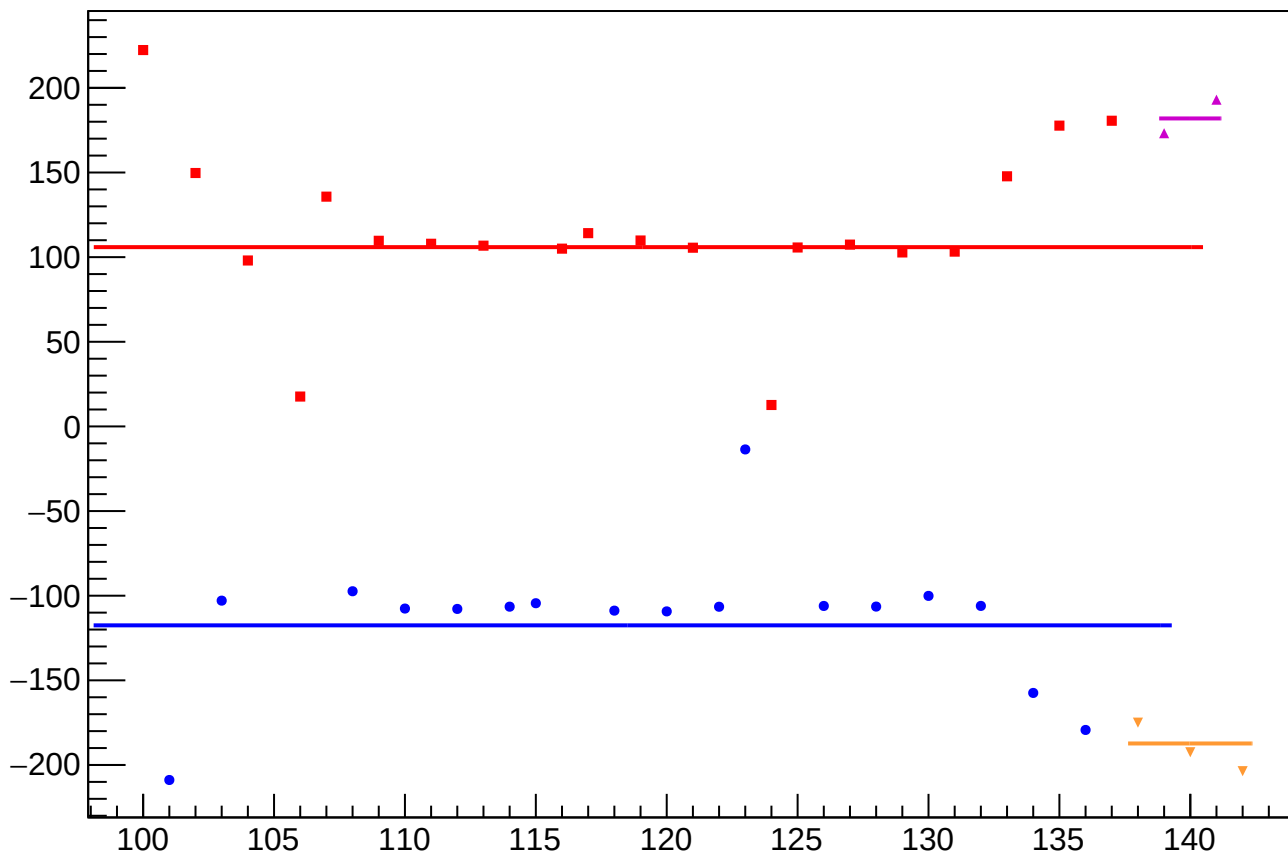
Left In: -73.398 $\pm$ 4.596 χ^2/NDF : 2.5/1

47.470 $\pm$ 1.183 χ^2/NDF : 753.0/19

4.231 $\pm$ 0.840 χ^2/NDF : 3978.4/41

-39.734 $\pm$ 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: -187.298 ± 0.161 χ^2/NDF : 4725.0/2

Right Out: 105.911 ± 0.073 χ^2/NDF : 324334.0/19

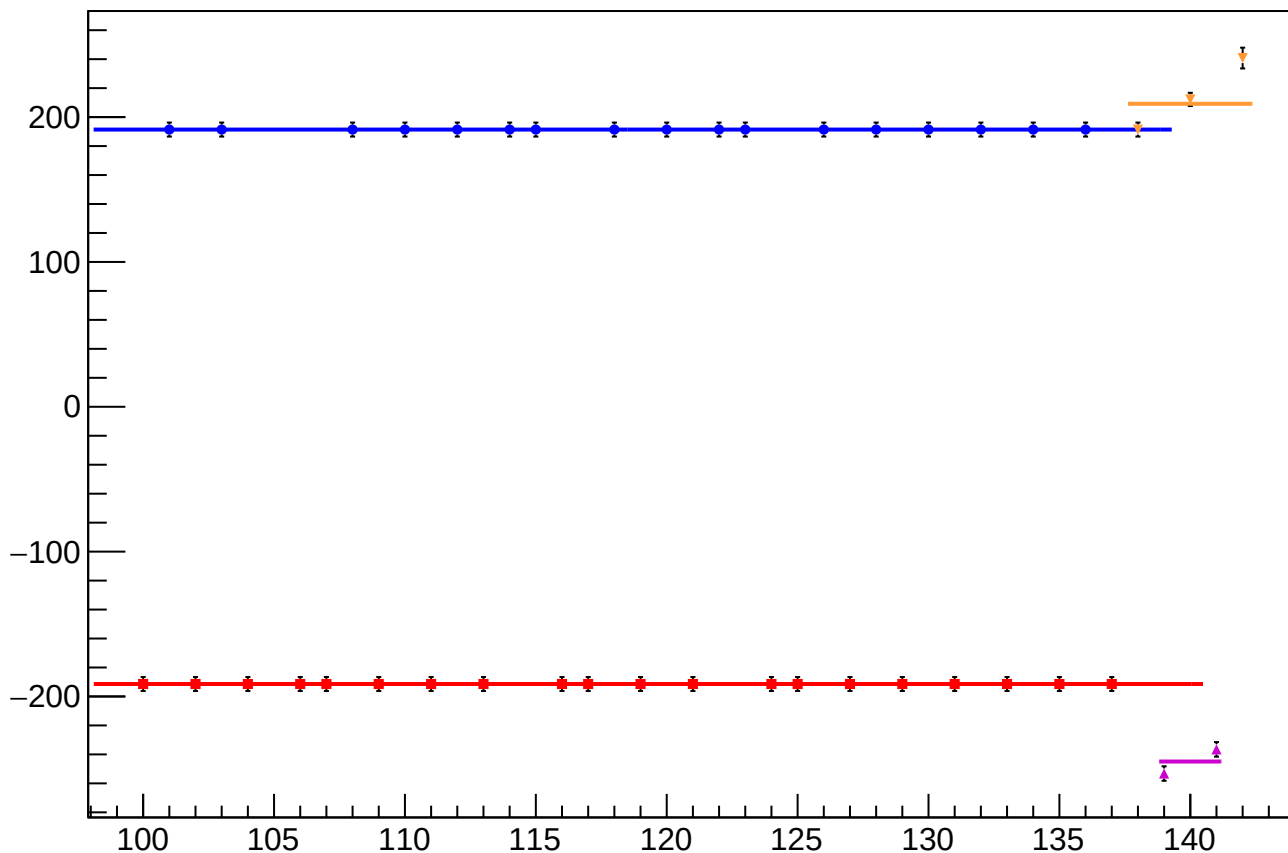
Left In: 181.935 ± 0.171 χ^2/NDF : 3314.6/1

-130.790 ± 0.070 χ^2/NDF : 298992.3/19

-0.654 ± 0.048 χ^2/NDF : 7354577.9/41

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: 209.191+/-3.016 χ^2/NDF :33.3/2

Right Out: -191.392+/-1.083 χ^2/NDF : 0.0/19

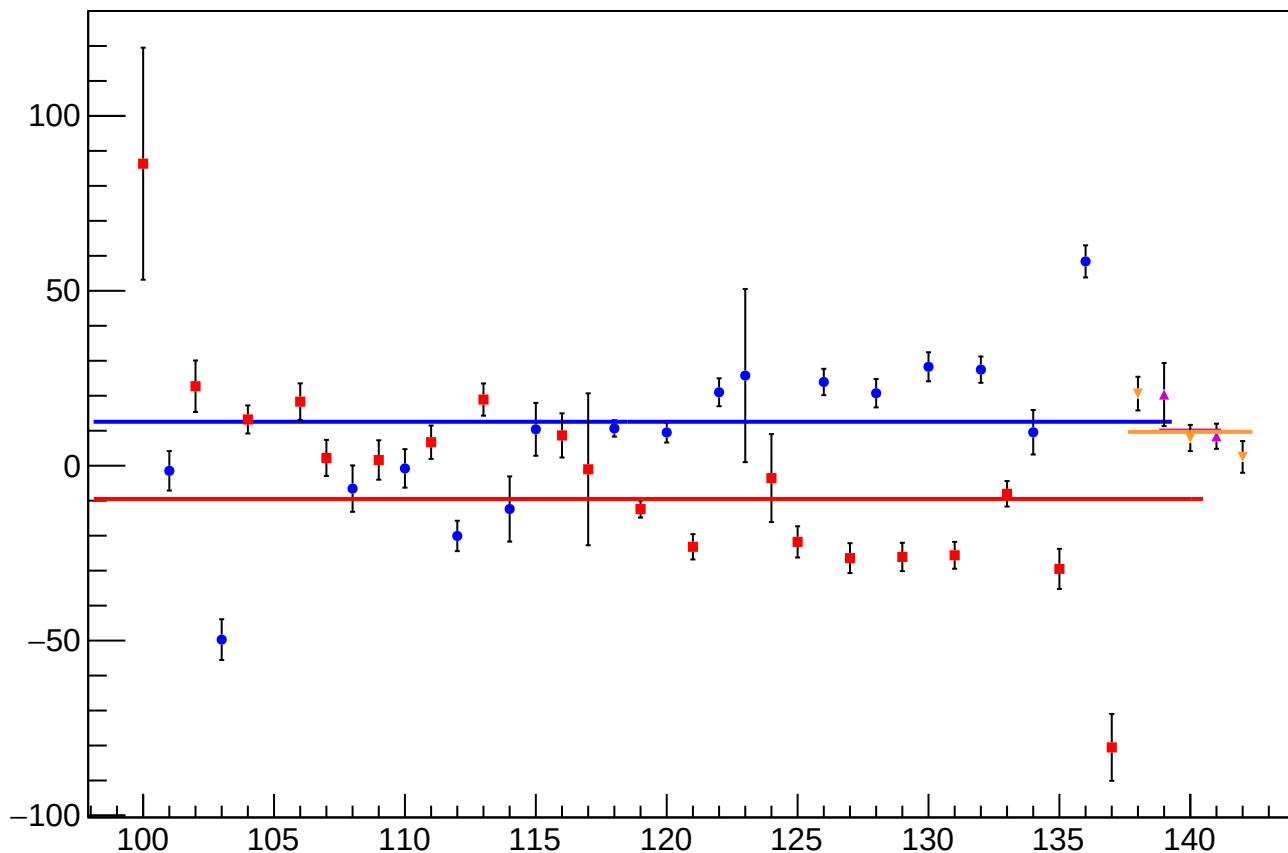
Left In: -244.918+/-3.553 χ^2/NDF :5.5/1

193.738+/-1.095 χ^2/NDF : 63.5/19

-11.820+/-0.753 χ^2/NDF : 67086.4/41

-195.945+/-1.036 χ^2/NDF : 213.1/21

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.561 $\pm$ 1.056 χ^2 /NDF: 347.7/16

Left Out: 9.670 $\pm$ 2.476 χ^2 /NDF: 7.9/2

Right Out: -9.499 $\pm$ 1.049 χ^2 /NDF: 296.4/19

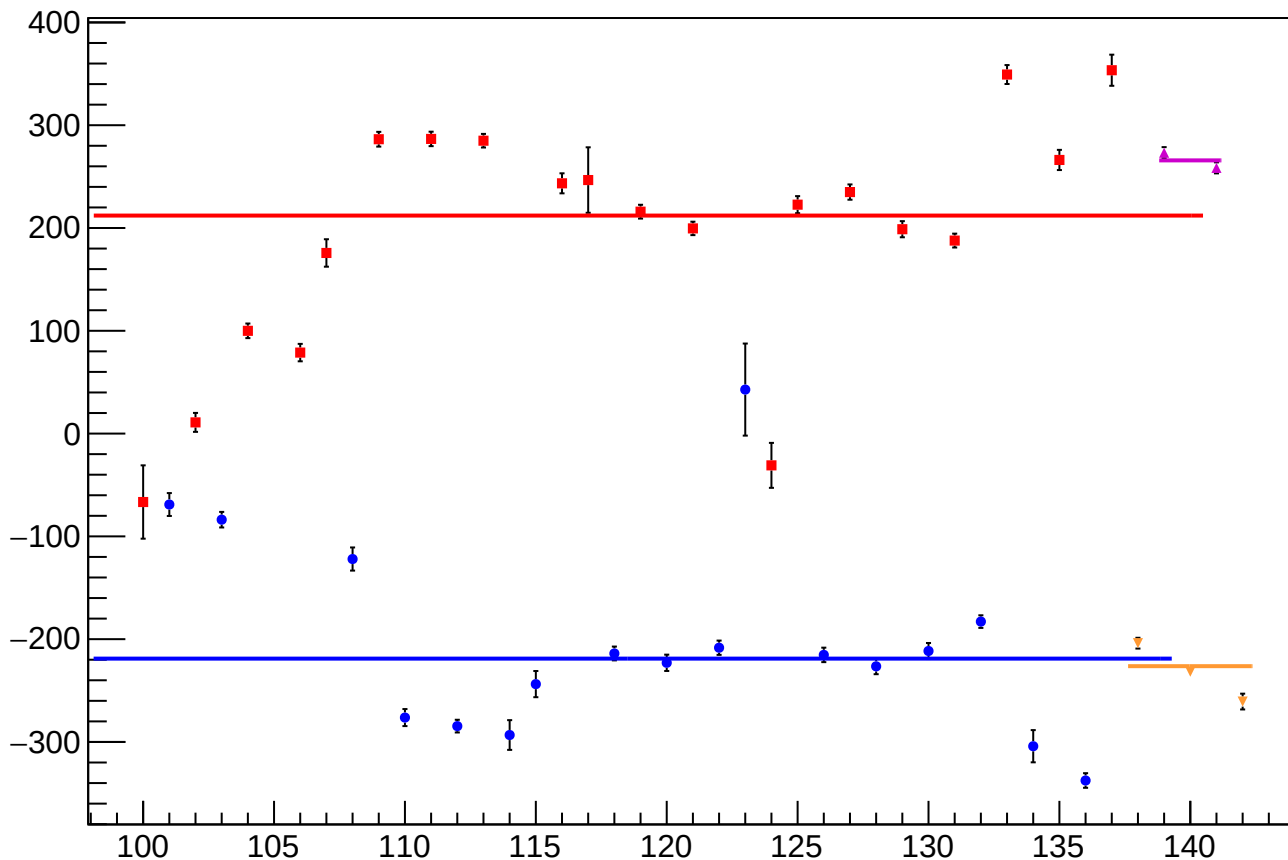
Left In: 10.045 $\pm$ 3.338 χ^2 /NDF: 1.5/1

12.117 $\pm$ 0.971 χ^2 /NDF: 356.8/19

2.489 $\pm$ 0.697 χ^2 /NDF: 888.6/41

-7.742 $\pm$ 1.001 χ^2 /NDF: 329.1/21

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.925+/-2.006 χ^2/NDF : 1146.6/16

Left Out: -226.275+/-3.237 χ^2/NDF : 39.5/2

Right Out: 212.094+/-1.921 χ^2/NDF : 1887.4/19

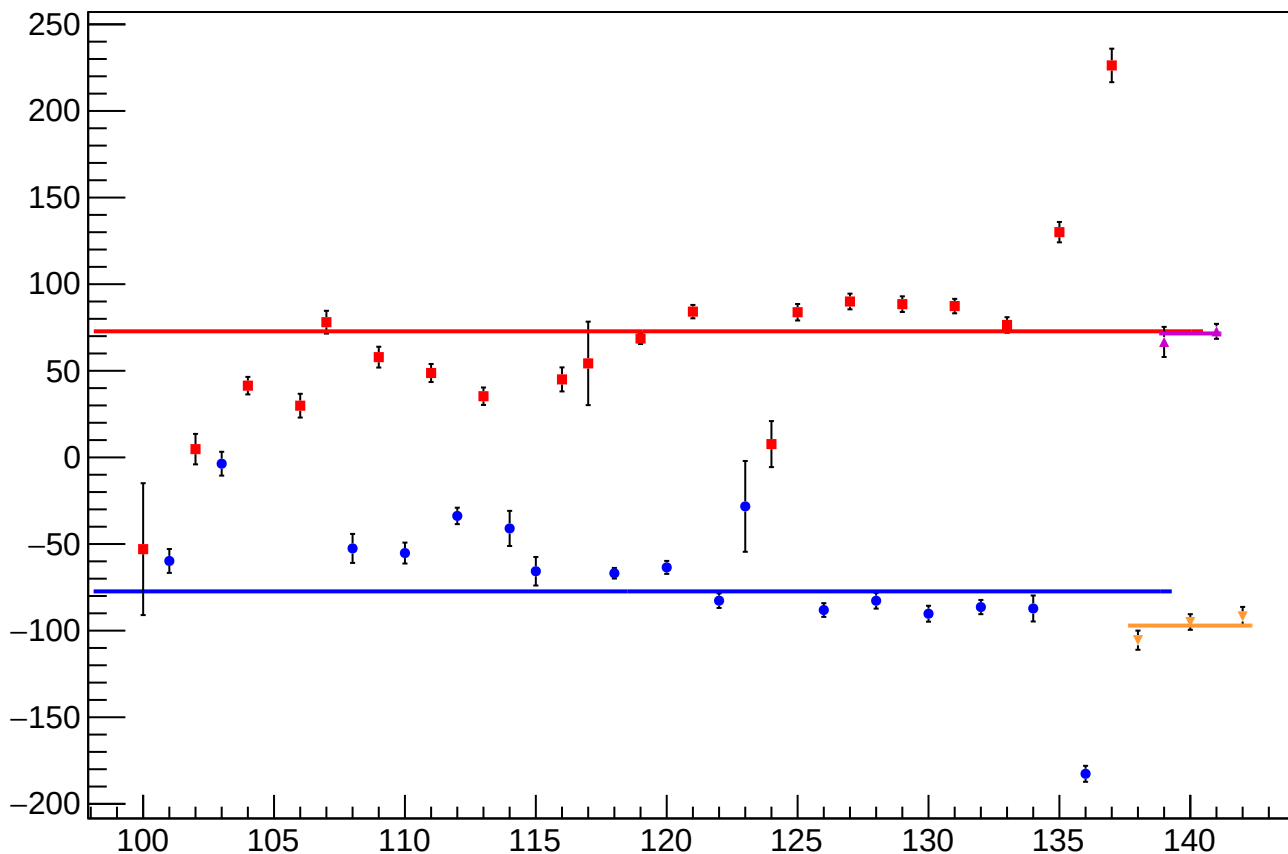
Left In: 265.785+/-3.812 χ^2/NDF : 3.7/1

-220.964+/-1.705 χ^2/NDF : 1189.8/19

-0.343+/-1.209 χ^2/NDF : 36925.7/41

222.966+/-1.715 χ^2/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: -97.076 ± 2.951 χ^2/NDF : 3.5/2

Right Out: 72.789 ± 1.207 χ^2/NDF : 673.5/19

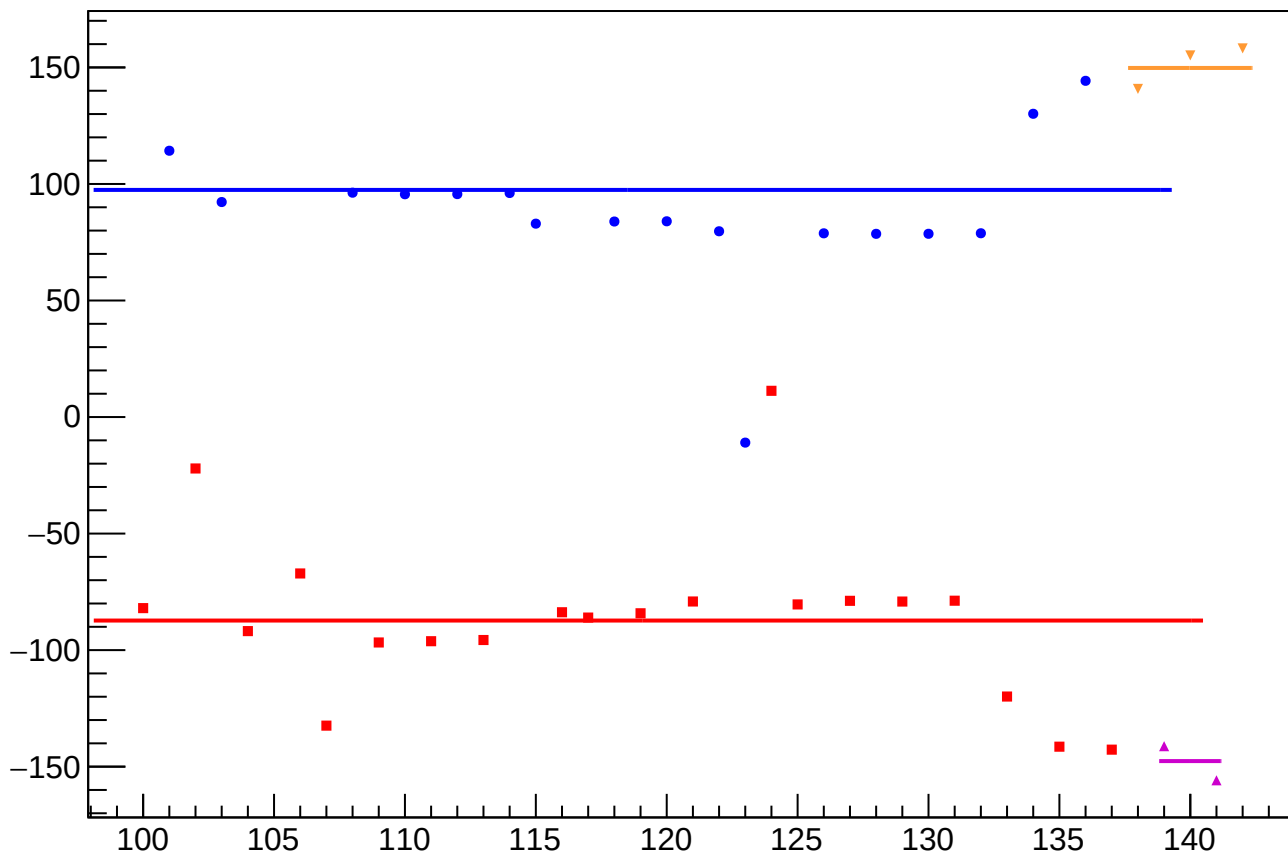
Left In: 71.559 ± 3.872 χ^2/NDF : 0.4/1

-80.220 ± 1.127 χ^2/NDF : 858.9/19

-5.473 ± 0.806 χ^2/NDF : 10532.0/41

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: 149.779+/-0.134 χ^2/NDF : 3239.7/2

Right Out: -87.312+/-0.068 χ^2/NDF : 221838.4/19

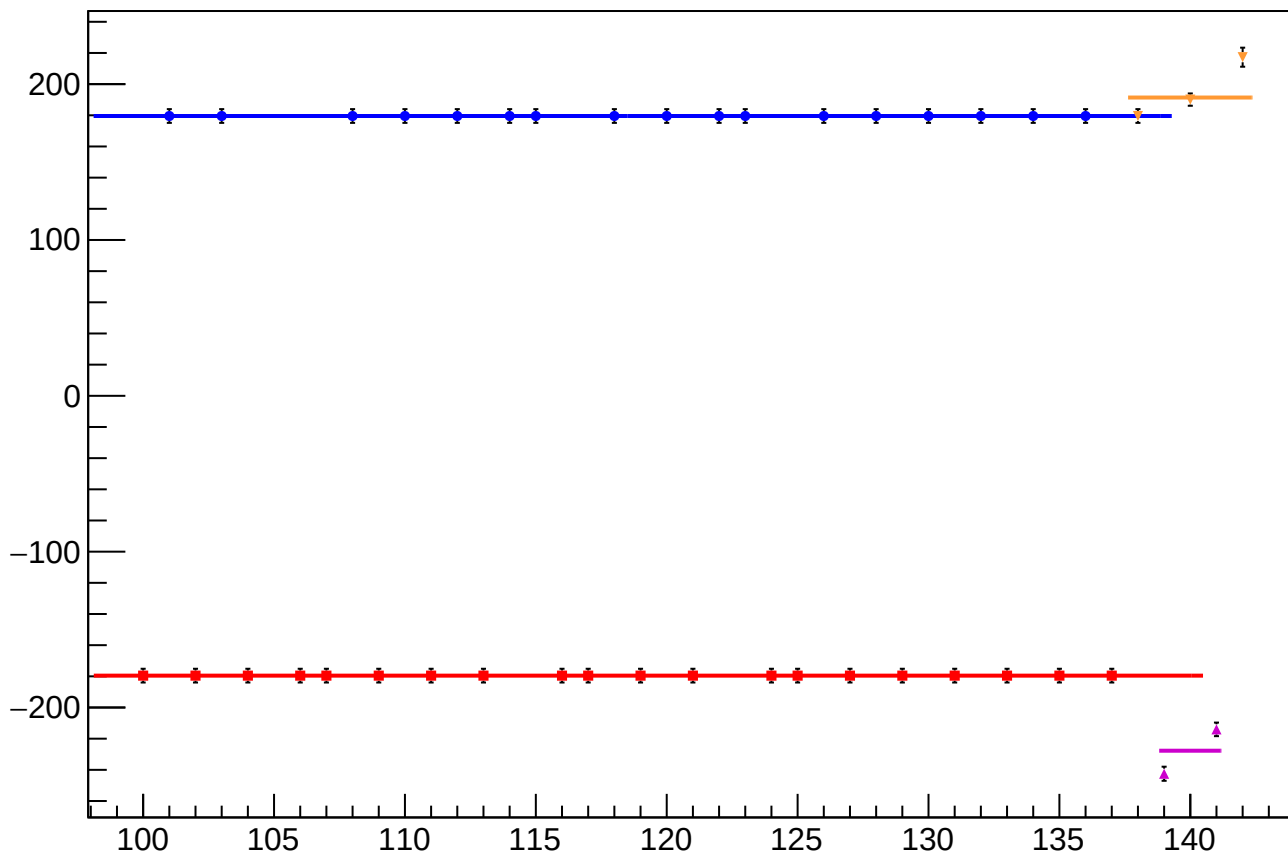
Left In: -147.612+/-0.143 χ^2/NDF : 2559.6/1

109.478+/-0.064 χ^2/NDF : 214956.3/19

1.024+/-0.044 χ^2/NDF : 6037538.2/41

-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 $\pm$ 1.071 χ^2/NDF : 0.0/16

Left Out: 191.404 $\pm$ 2.654 χ^2/NDF : 25.2/2

Right Out: -179.552 $\pm$ 0.988 χ^2/NDF : 0.0/19

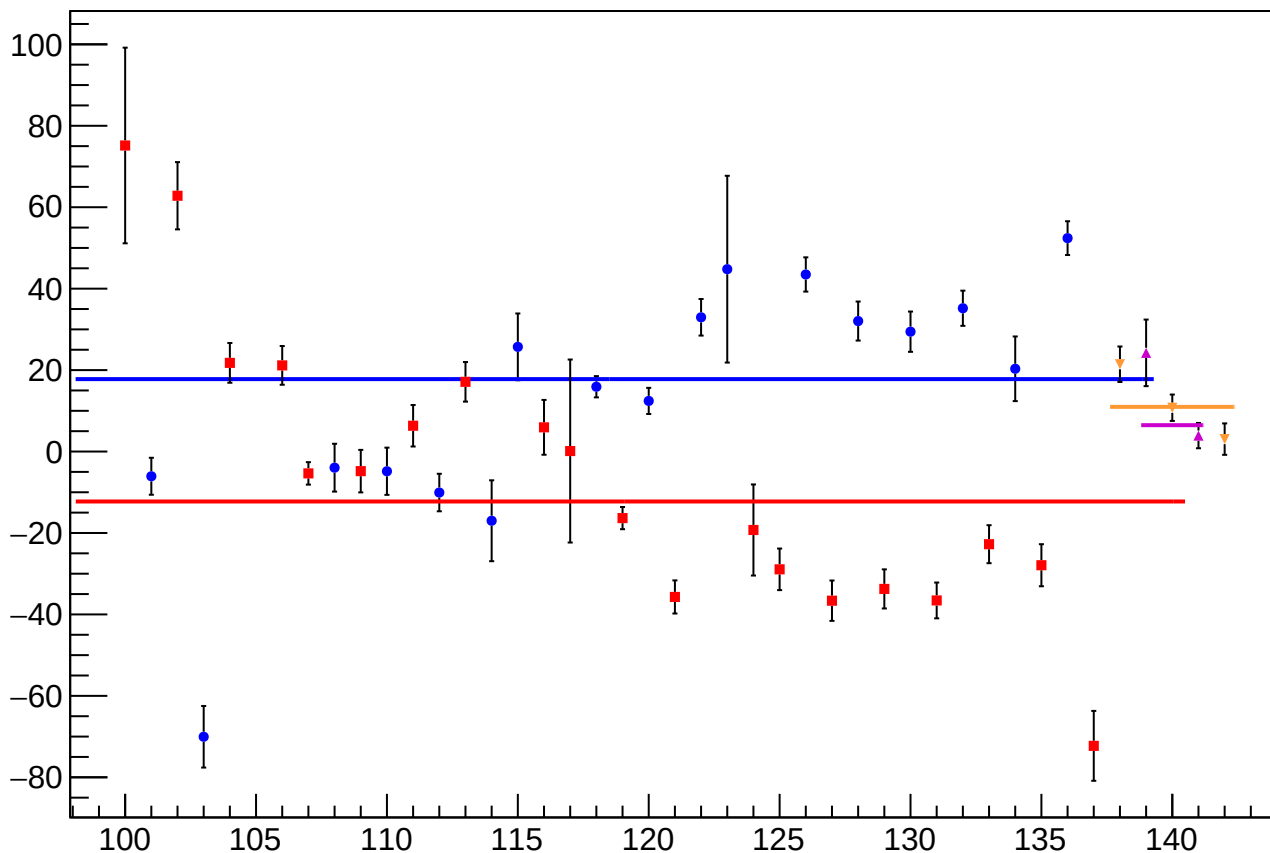
Left In: -227.726 $\pm$ 3.139 χ^2/NDF : 20.5/1

181.212 $\pm$ 0.993 χ^2/NDF : 42.4/19

-11.000 $\pm$ 0.683 χ^2/NDF : 71410.7/41

-183.890 $\pm$ 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: 10.972+/-2.155 χ^2/NDF : 10.0/2

Right Out: -12.265+/-1.085 χ^2/NDF : 444.0/19

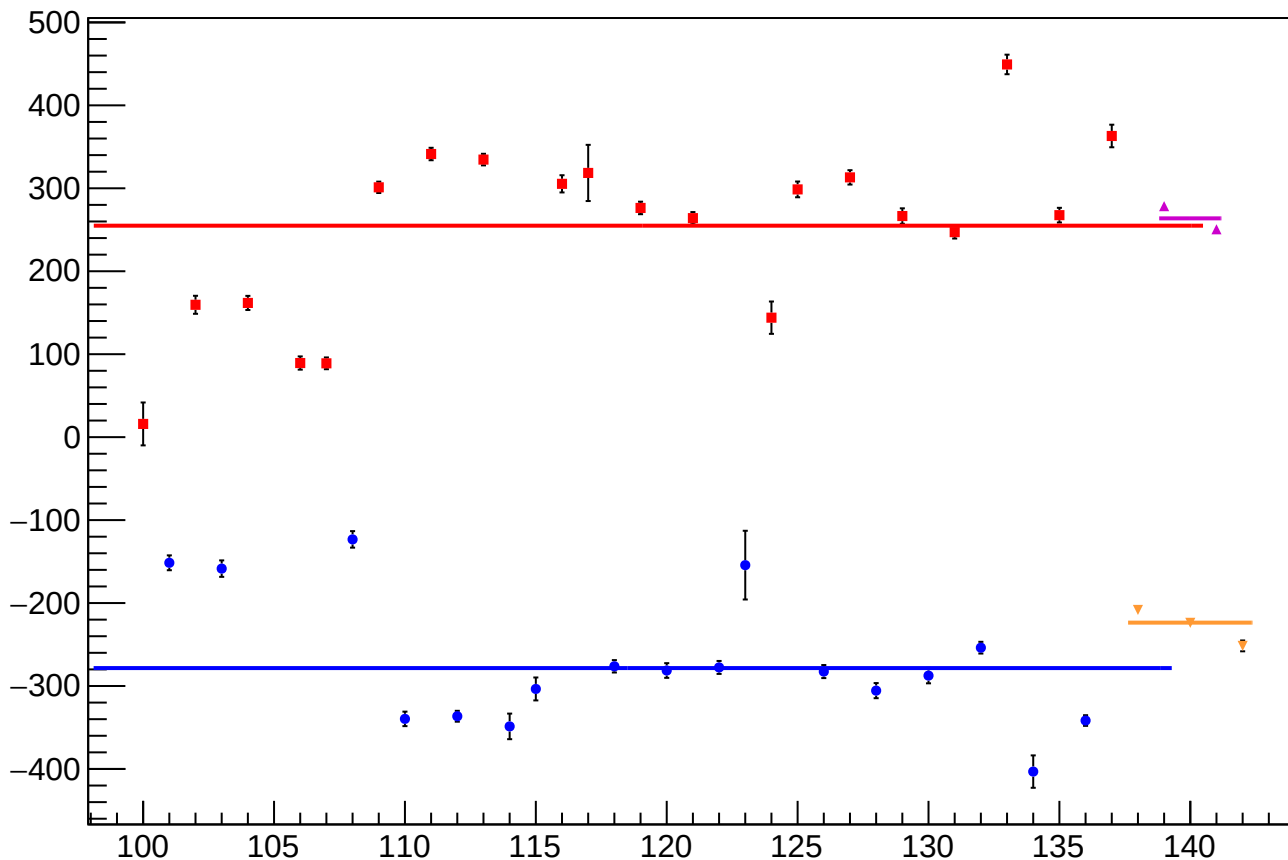
Left In: 6.475+/-2.902 χ^2/NDF : 5.4/1

16.283+/-1.012 χ^2/NDF : 412.9/19

3.208+/-0.717 χ^2/NDF : 1234.0/41

-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: -223.611+/-2.847 χ^2 /NDF:28.6/2

Right Out: 254.929+/-2.017 χ^2 /NDF: 2042.0/19

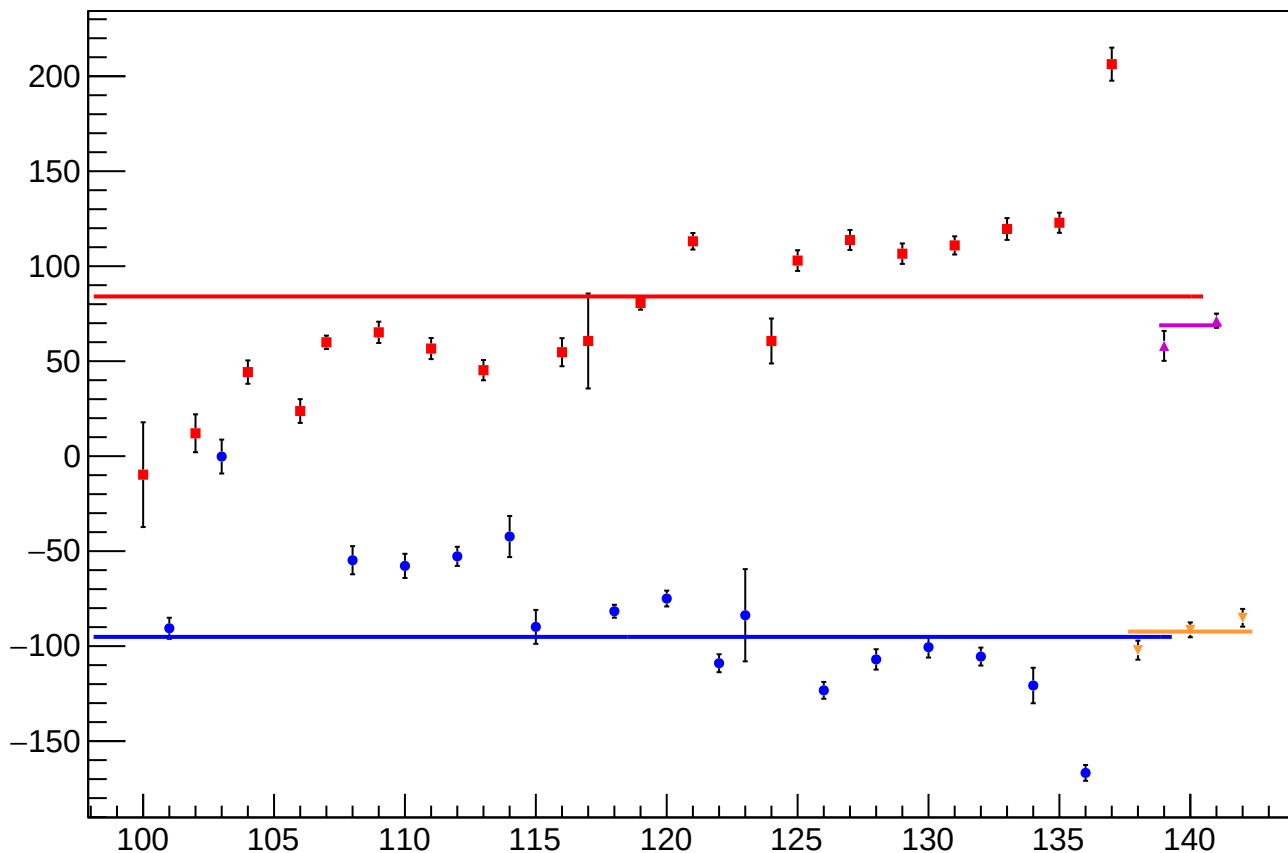
Left In: 263.751+/-3.366 χ^2 /NDF:17.1/1

-258.286+/-1.725 χ^2 /NDF: 1173.6/19

-1.305+/-1.221 χ^2 /NDF: 47784.9/41

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: -92.328+/-2.573 χ^2/NDF : 6.3/2

Right Out: 84.065+/-1.257 χ^2/NDF : 783.8/19

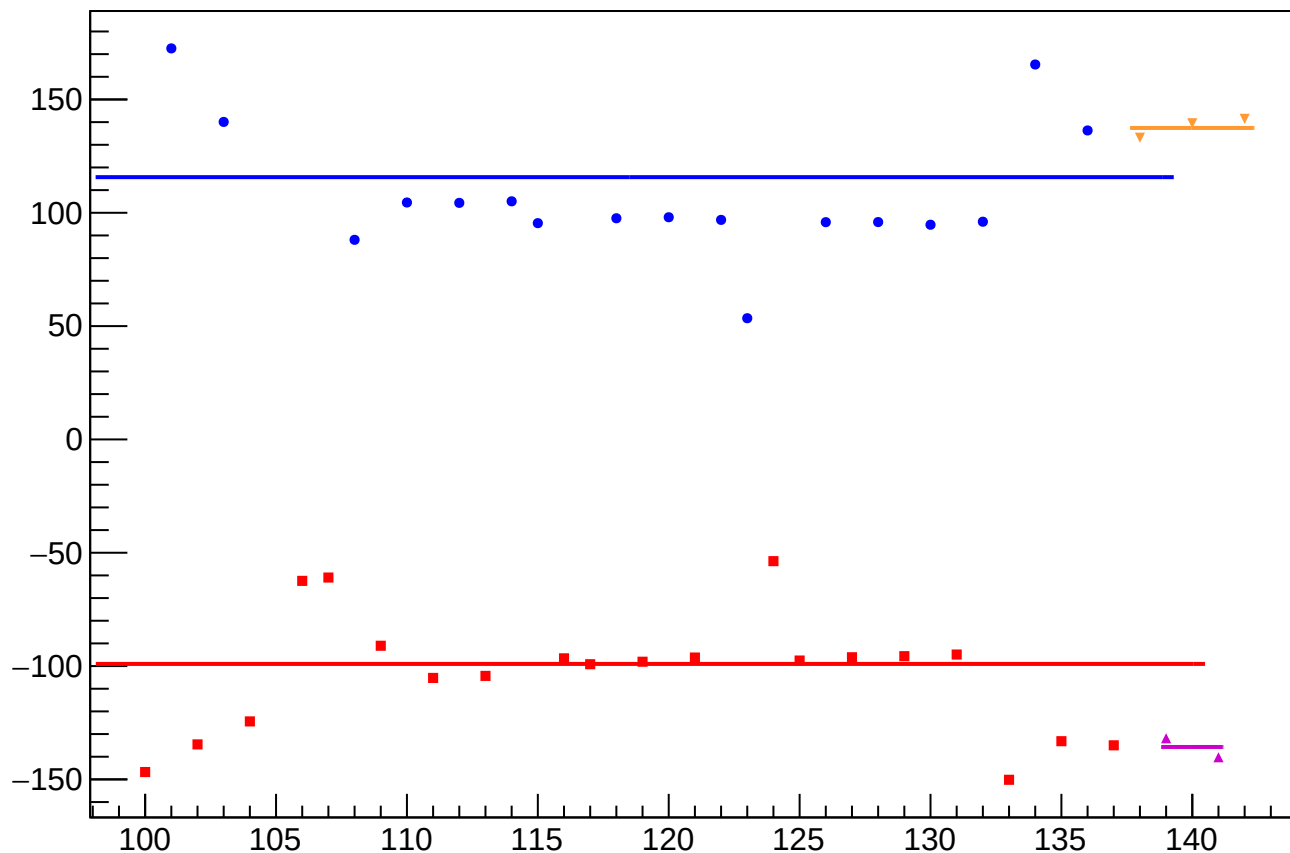
Left In: 68.869+/-3.377 χ^2/NDF : 2.3/1

-94.548+/-1.176 χ^2/NDF : 682.1/19

-6.305+/-0.832 χ^2/NDF : 12760.1/41

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: 137.431 ± 0.118 χ^2/NDF : 869.9/2

Right Out: -99.049 ± 0.068 χ^2/NDF : 173463.3/19

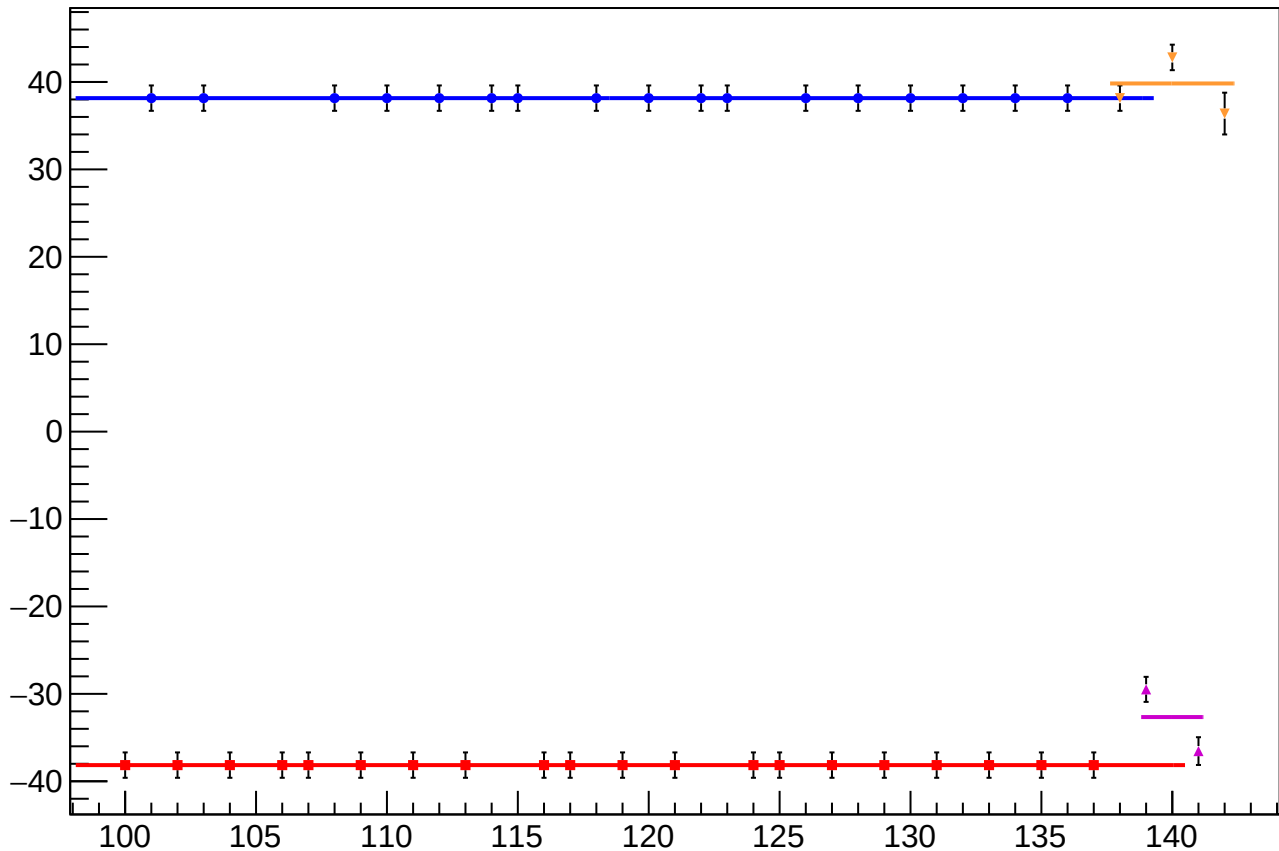
Left In: -135.698 ± 0.127 χ^2/NDF : 1078.3/1

122.305 ± 0.065 χ^2/NDF : 130753.2/19

-1.299 ± 0.044 χ^2/NDF : 7066603.1/41

-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 $\pm$ 0.352 χ^2 /NDF: 0.0/16

Left Out: 39.830 $\pm$ 0.945 χ^2 /NDF: 7.6/2

Right Out: -38.151 $\pm$ 0.325 χ^2 /NDF: 0.0/19

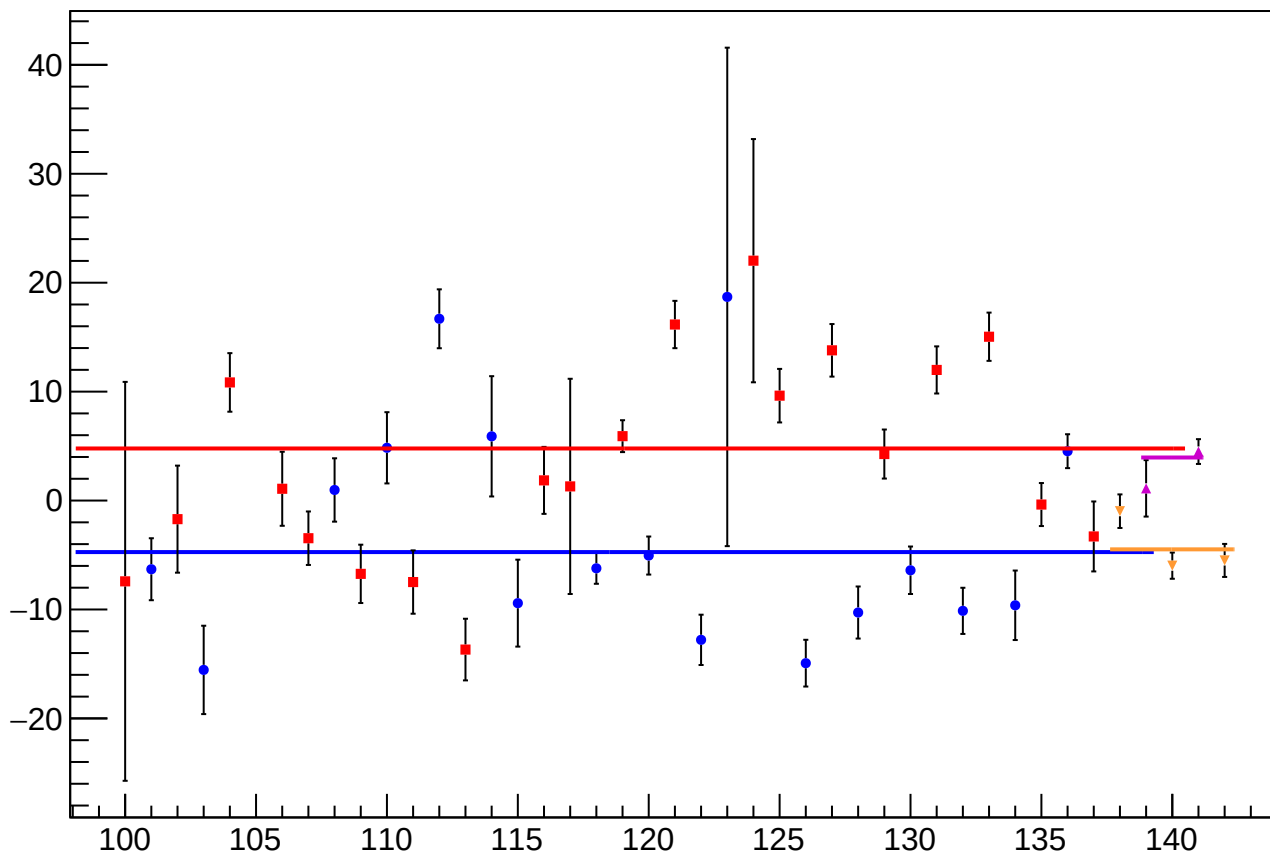
Left In: -32.654 $\pm$ 1.063 χ^2 /NDF: 10.9/1

38.356 $\pm$ 0.330 χ^2 /NDF: 10.4/19

-1.973 $\pm$ 0.226 χ^2 /NDF: 28220.1/41

-37.683 $\pm$ 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: -4.480 ± 0.804 $\chi^2/\text{NDF}: 7.2/2$

Right Out: 4.780 ± 0.585 $\chi^2/\text{NDF}: 193.6/19$

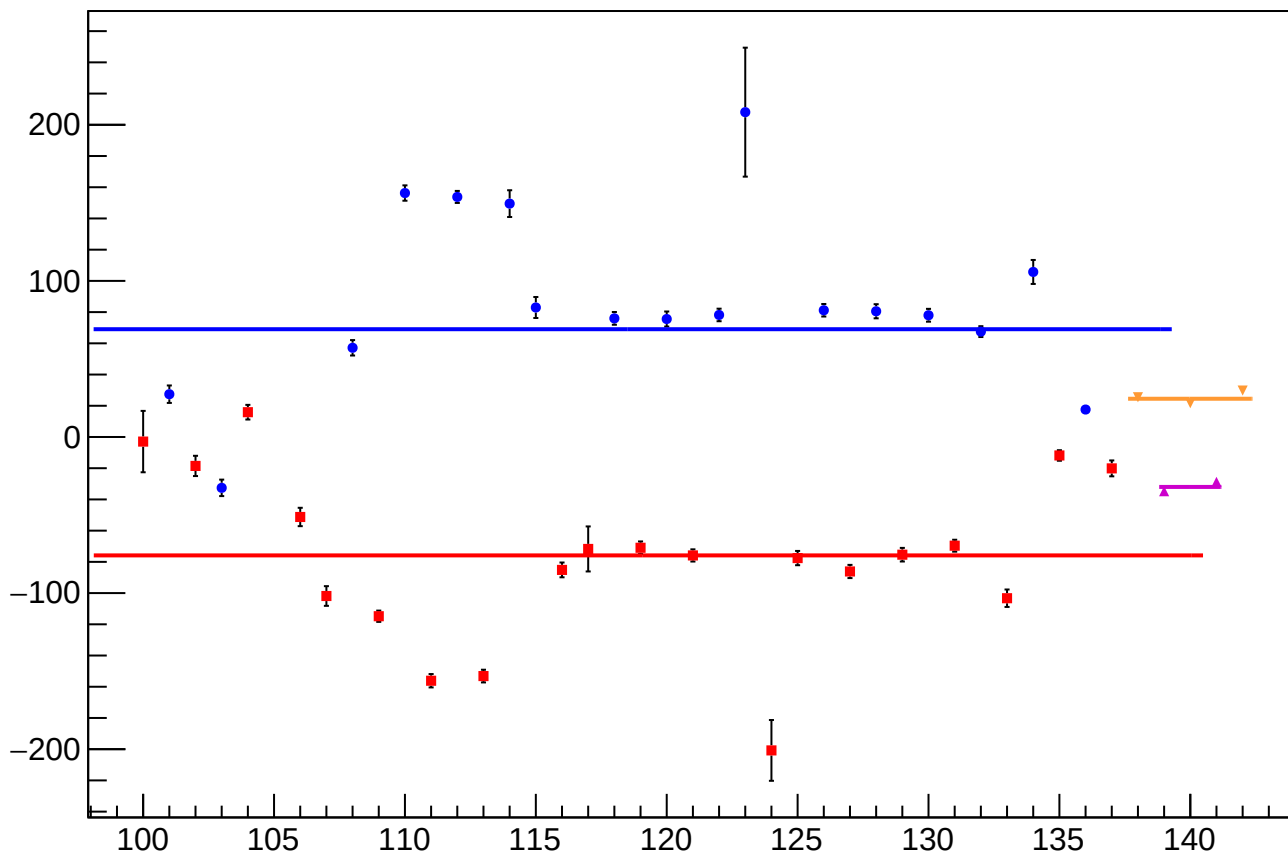
Left In: 3.952 ± 1.042 $\chi^2/\text{NDF}: 1.4/1$

-4.645 ± 0.470 $\chi^2/\text{NDF}: 182.1/19$

-0.404 ± 0.346 $\chi^2/\text{NDF}: 554.6/41$

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: 24.497+/-1.015 χ^2 /NDF: 8.0/2

Right Out: -75.855+/-1.067 χ^2 /NDF: 1895.1/19

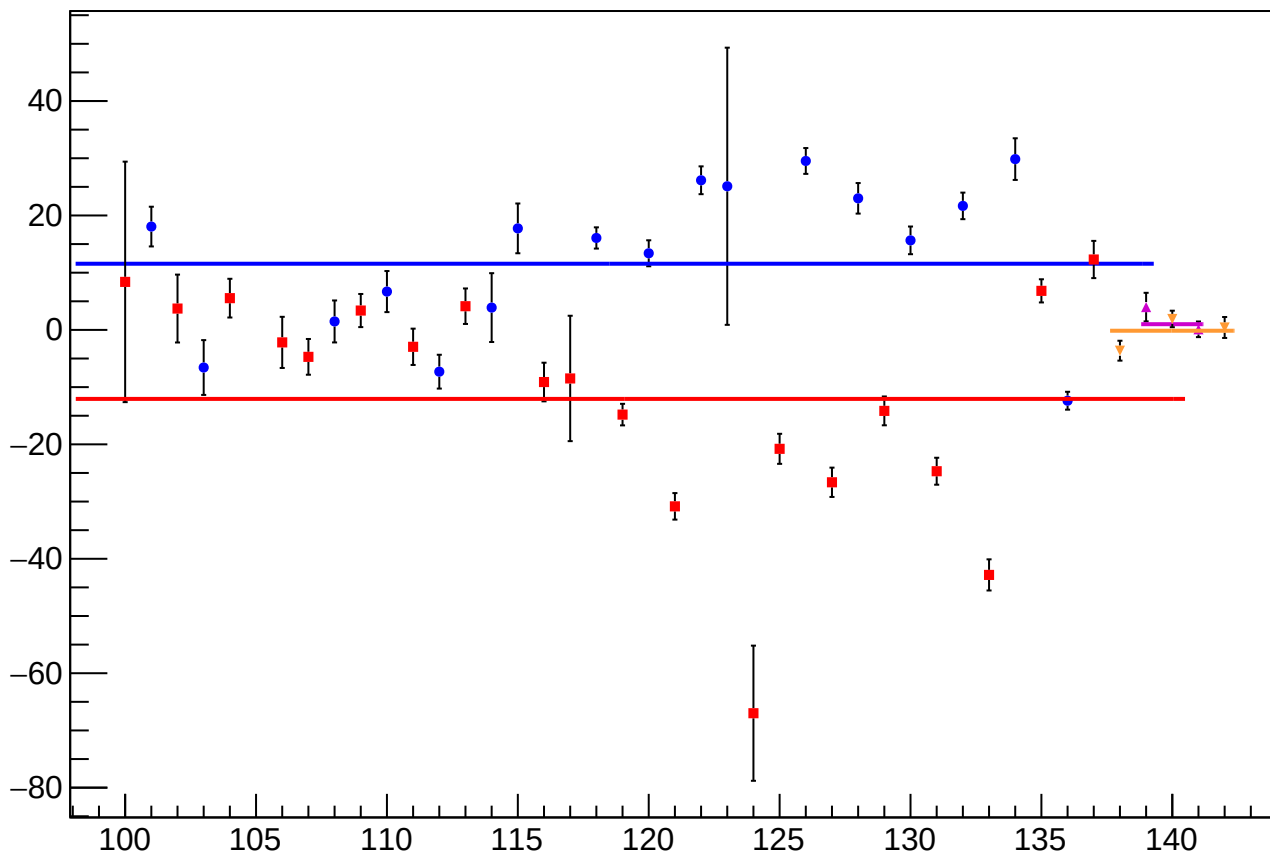
Left In: -31.993+/-1.142 χ^2 /NDF: 6.9/1

45.465+/-0.739 χ^2 /NDF: 2762.2/19

-2.268+/-0.536 χ^2 /NDF: 14278.9/41

-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: -0.144 ± 0.950 χ^2/NDF : 6.1/2

Right Out: -12.058 ± 0.663 χ^2/NDF : 543.4/19

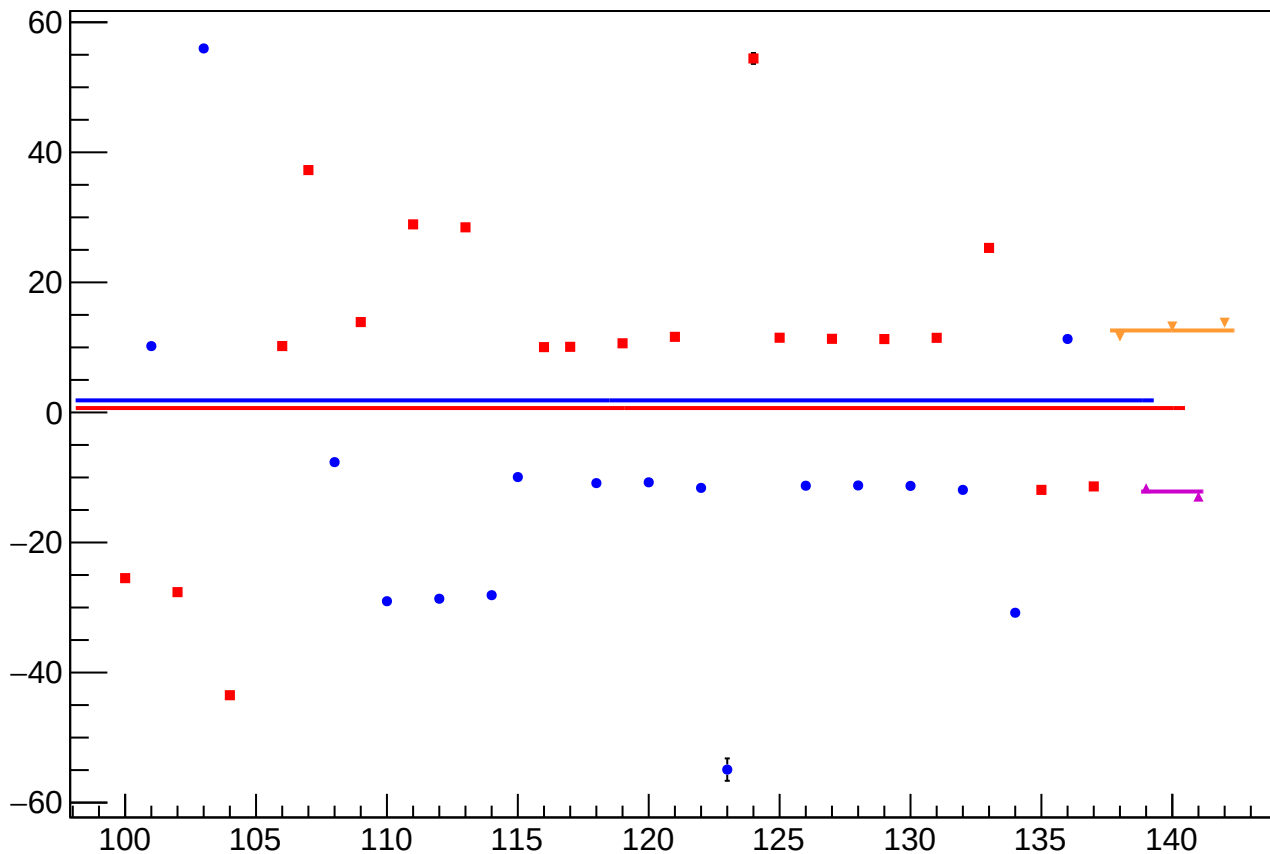
Left In: 1.000 ± 1.197 χ^2/NDF : 1.9/1

7.767 ± 0.541 χ^2/NDF : 587.0/19

-0.028 ± 0.396 χ^2/NDF : 1669.5/41

-8.992 ± 0.580 χ^2/NDF : 636.3/21

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.855+/-0.037 χ^2/NDF : 359414.1/16

Left Out: 12.604+/-0.041 χ^2/NDF : 447.4/2

Right Out: 0.673+/-0.037 χ^2/NDF : 361828.1/19

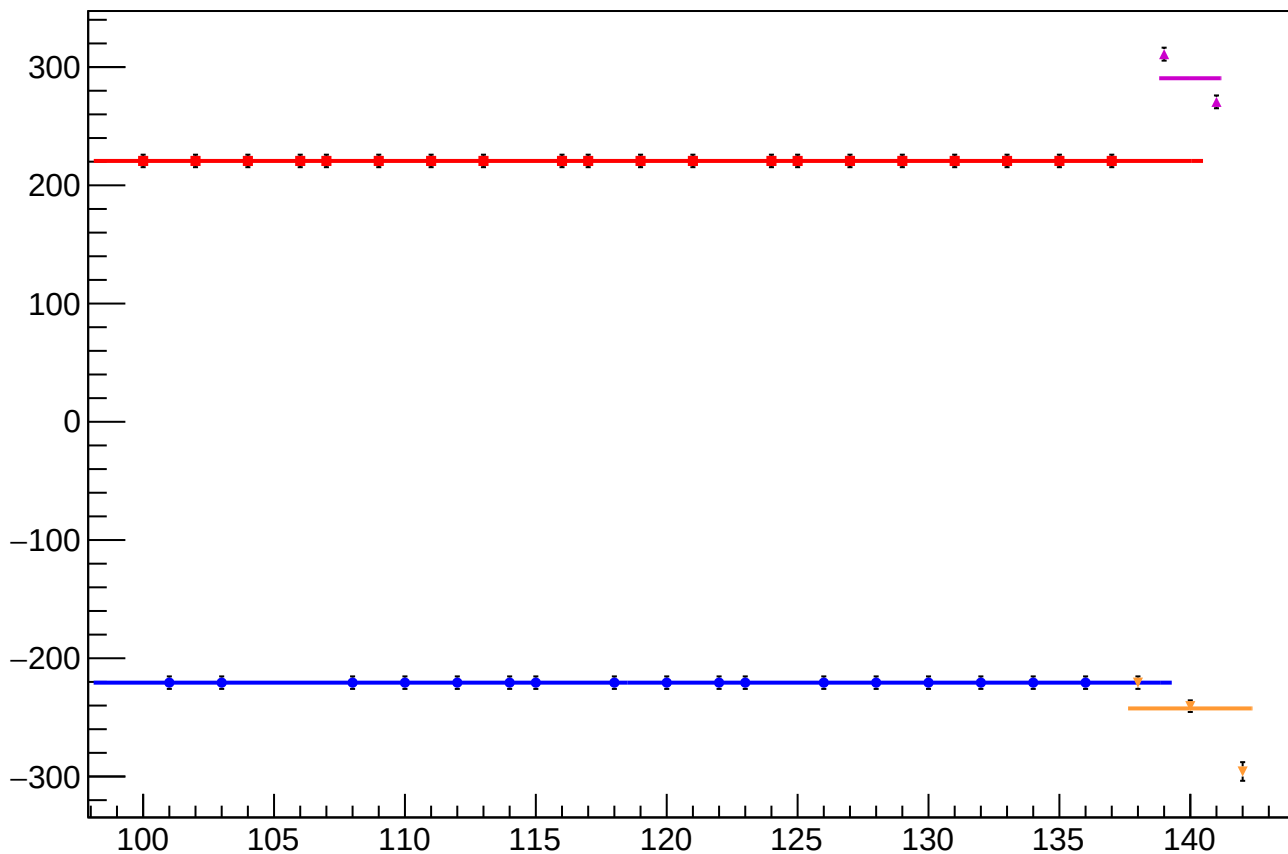
Left In: -12.161+/-0.043 χ^2/NDF : 216.0/1

6.618+/-0.028 χ^2/NDF : 397258.7/19

0.957+/-0.020 χ^2/NDF : 896085.0/41

-4.840+/-0.028 χ^2/NDF : 413745.8/21

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -220.625 ± 1.284 χ^2/NDF : 0.0/16

Left Out: -242.428 ± 3.278 χ^2/NDF : 62.8/2

Right Out: 220.625 ± 1.184 χ^2/NDF : 0.0/19

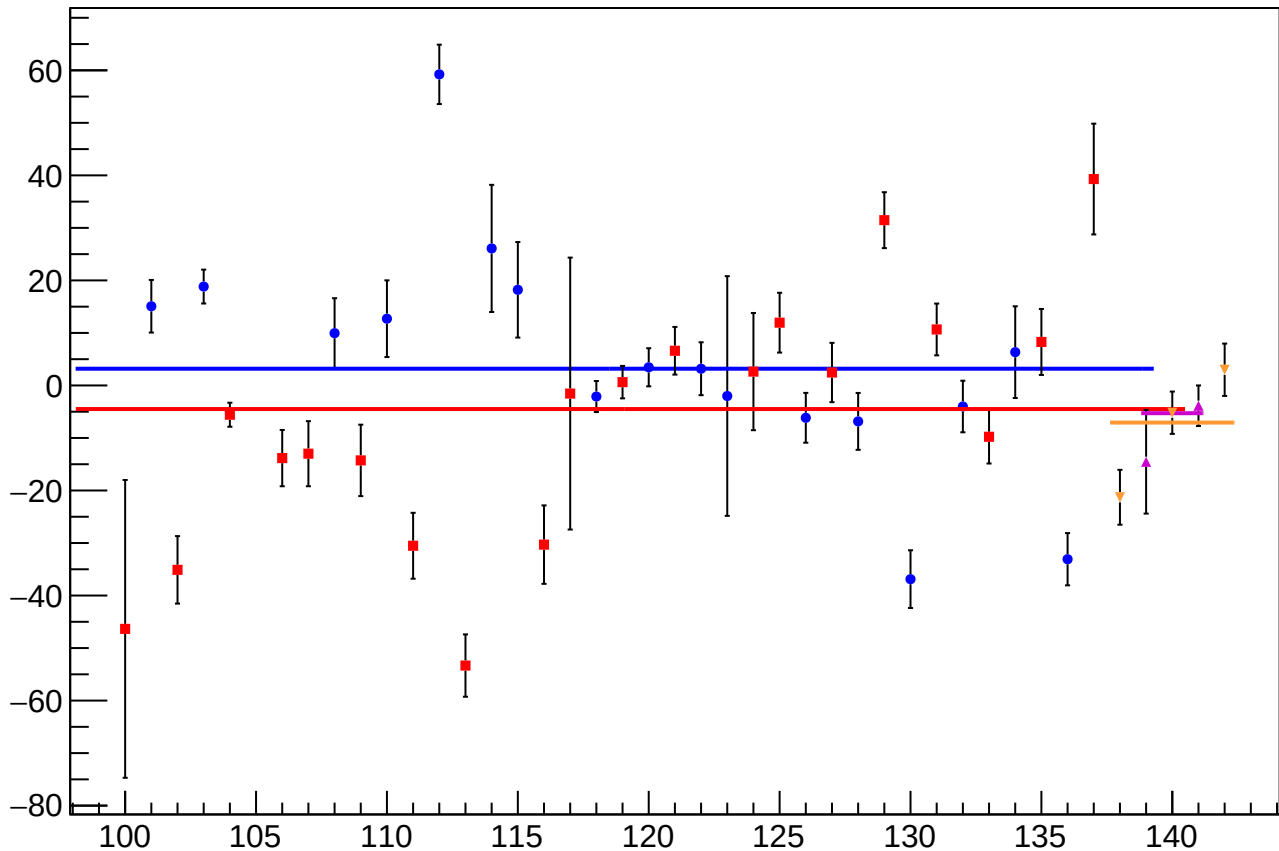
Left In: 290.560 ± 3.856 χ^2/NDF : 27.4/1

-223.525 ± 1.196 χ^2/NDF : 101.2/19

13.915 ± 0.822 χ^2/NDF : 75214.2/41

226.649 ± 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: -7.069 ± 2.686 $\chi^2/\text{NDF}: 11.7/2$

Right Out: -4.492 ± 1.158 $\chi^2/\text{NDF}: 225.4/19$

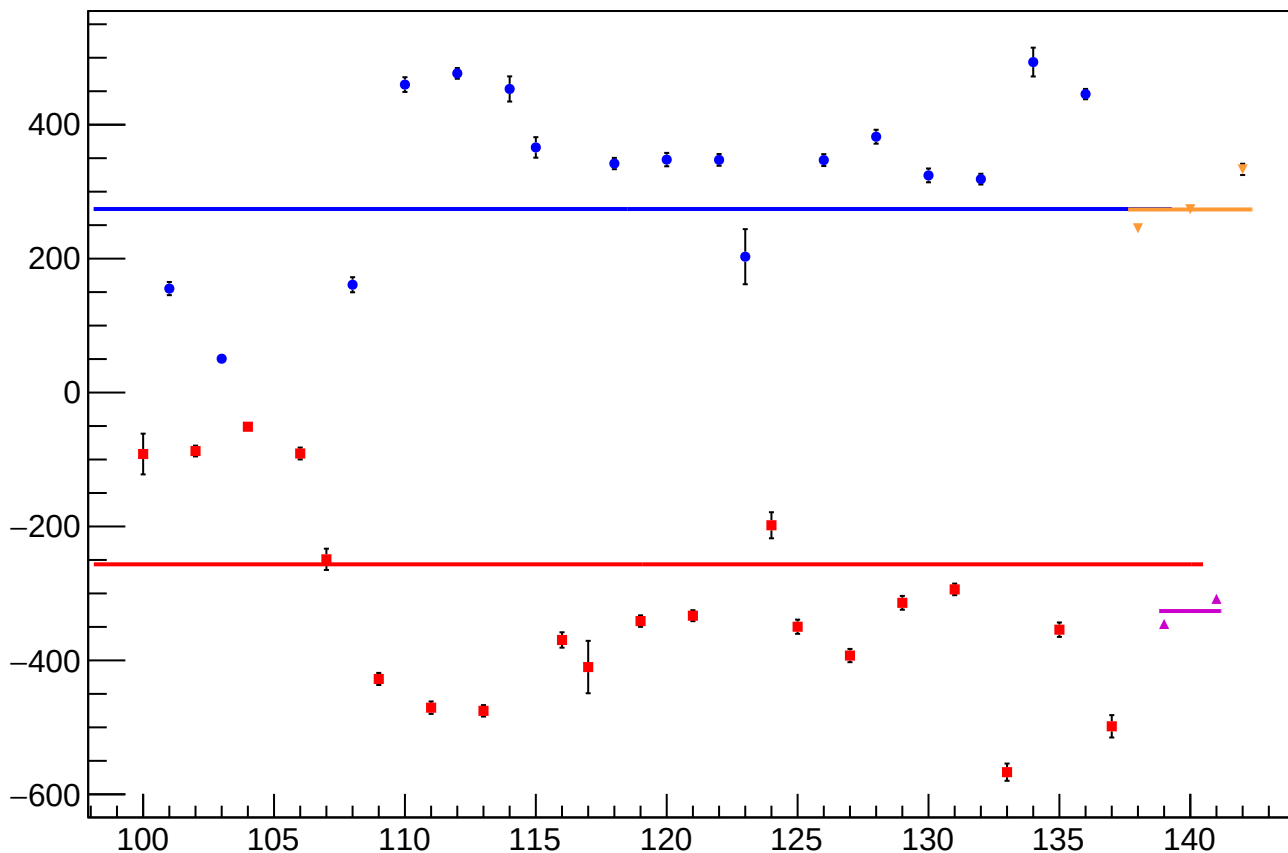
Left In: -5.282 ± 3.598 $\chi^2/\text{NDF}: 1.0/1$

1.421 ± 1.115 $\chi^2/\text{NDF}: 279.4/19$

-1.605 ± 0.784 $\chi^2/\text{NDF}: 520.5/41$

-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: 273.413+/-3.517 χ^2/NDF : 74.3/2

Right Out: -256.542+/-2.077 χ^2/NDF : 6459.5/19

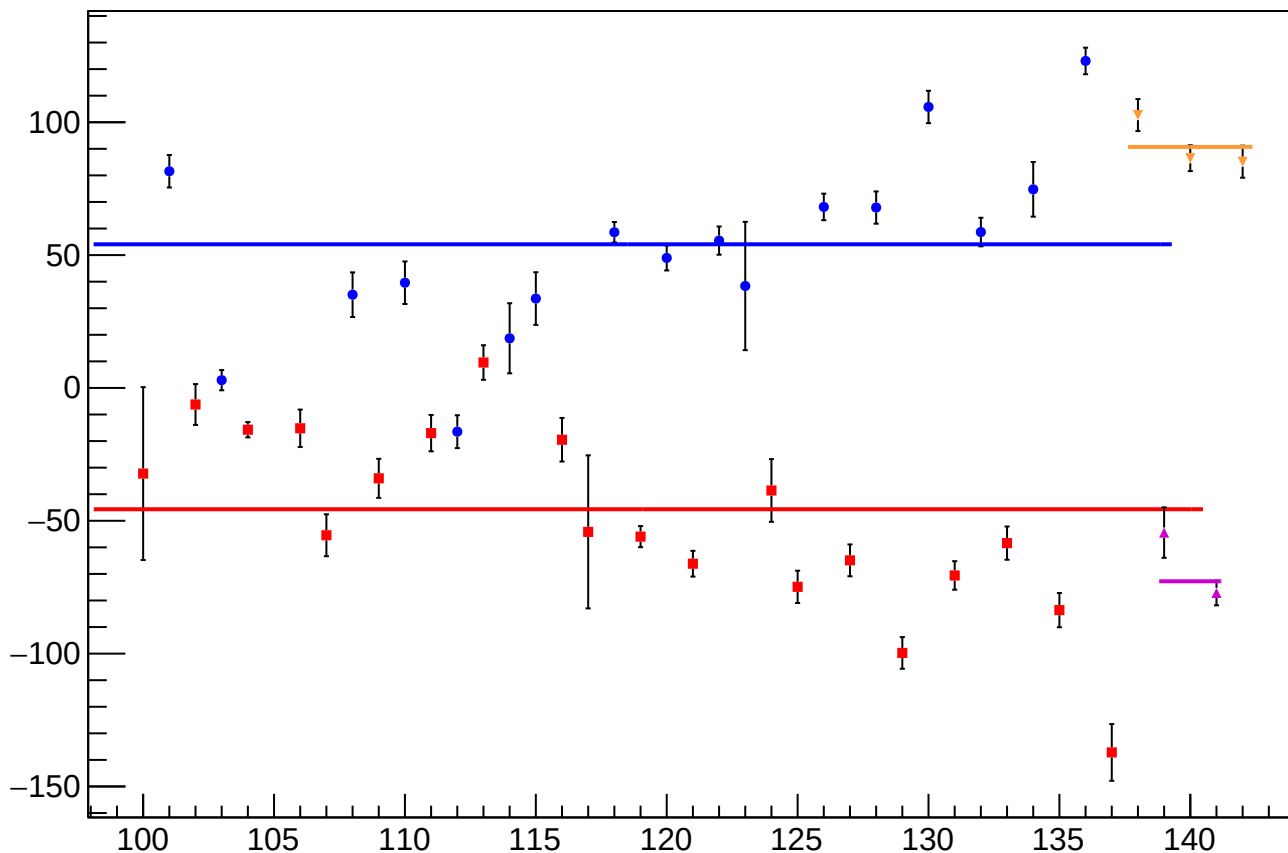
Left In: -326.285+/-4.136 χ^2/NDF : 20.5/1

273.893+/-1.860 χ^2/NDF : 5186.3/19

1.156+/-1.314 χ^2/NDF : 54832.5/41

-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: 90.709+/-3.205 χ^2/NDF : 5.6/2

Right Out: -45.656+/-1.358 χ^2/NDF : 530.9/19

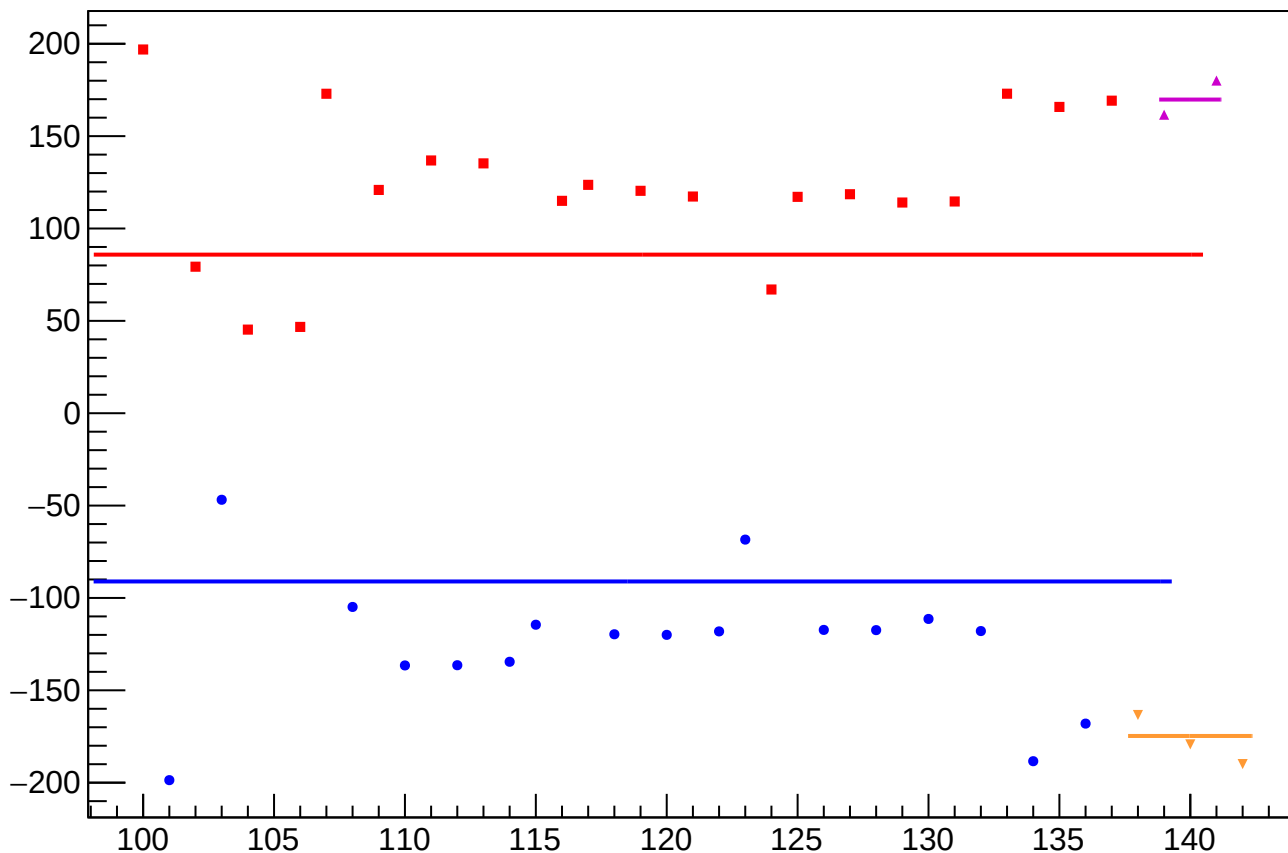
Left In: -72.770+/-4.180 χ^2/NDF : 4.6/1

60.083+/-1.299 χ^2/NDF : 749.3/19

5.607+/-0.916 χ^2/NDF : 4821.9/41

-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+/-0.068 χ^2/NDF : 534647.5/16

Left Out: -174.718+/-0.146 χ^2/NDF : 4880.4/2

Right Out: 85.852+/-0.065 χ^2/NDF : 496339.6/19

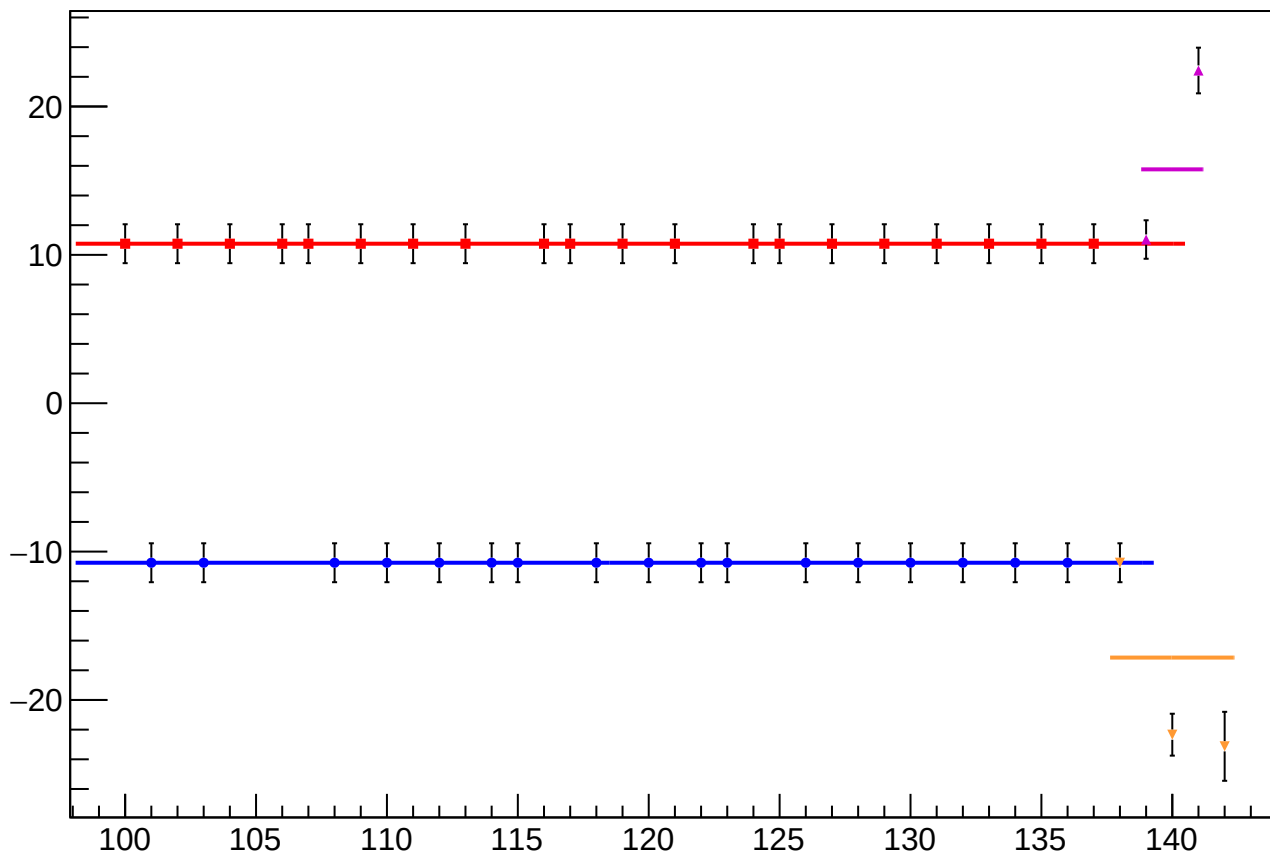
Left In: 169.801+/-0.156 χ^2/NDF : 3472.0/1

-105.816+/-0.061 χ^2/NDF : 809935.1/19

-1.572+/-0.043 χ^2/NDF : 7221016.9/41

98.293+/-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 $\chi^2/\text{NDF}: 0.0/16$

Left Out: -17.143 ± 0.888 $\chi^2/\text{NDF}: 43.9/2$

Right Out: 10.752 ± 0.293 $\chi^2/\text{NDF}: 0.0/19$

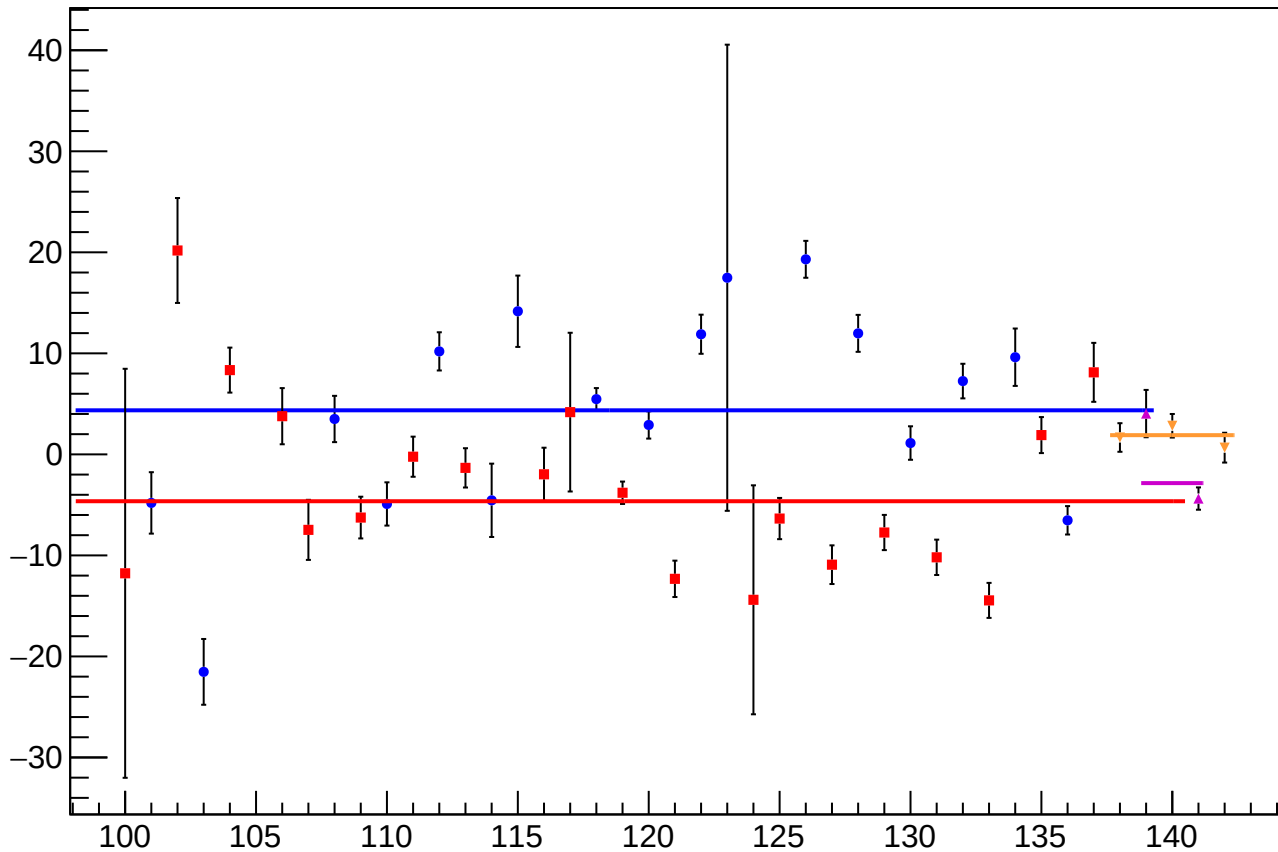
Left In: 15.763 ± 0.992 $\chi^2/\text{NDF}: 32.0/1$

-11.479 ± 0.299 $\chi^2/\text{NDF}: 89.8/19$

0.548 ± 0.205 $\chi^2/\text{NDF}: 3179.9/41$

11.155 ± 0.281 $\chi^2/\text{NDF}: 55.5/21$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.361 ± 0.464 χ^2/NDF : 286.5/16

Left Out: 1.901 ± 0.769 χ^2/NDF : 1.4/2

Right Out: -4.638 ± 0.473 χ^2/NDF : 186.6/19

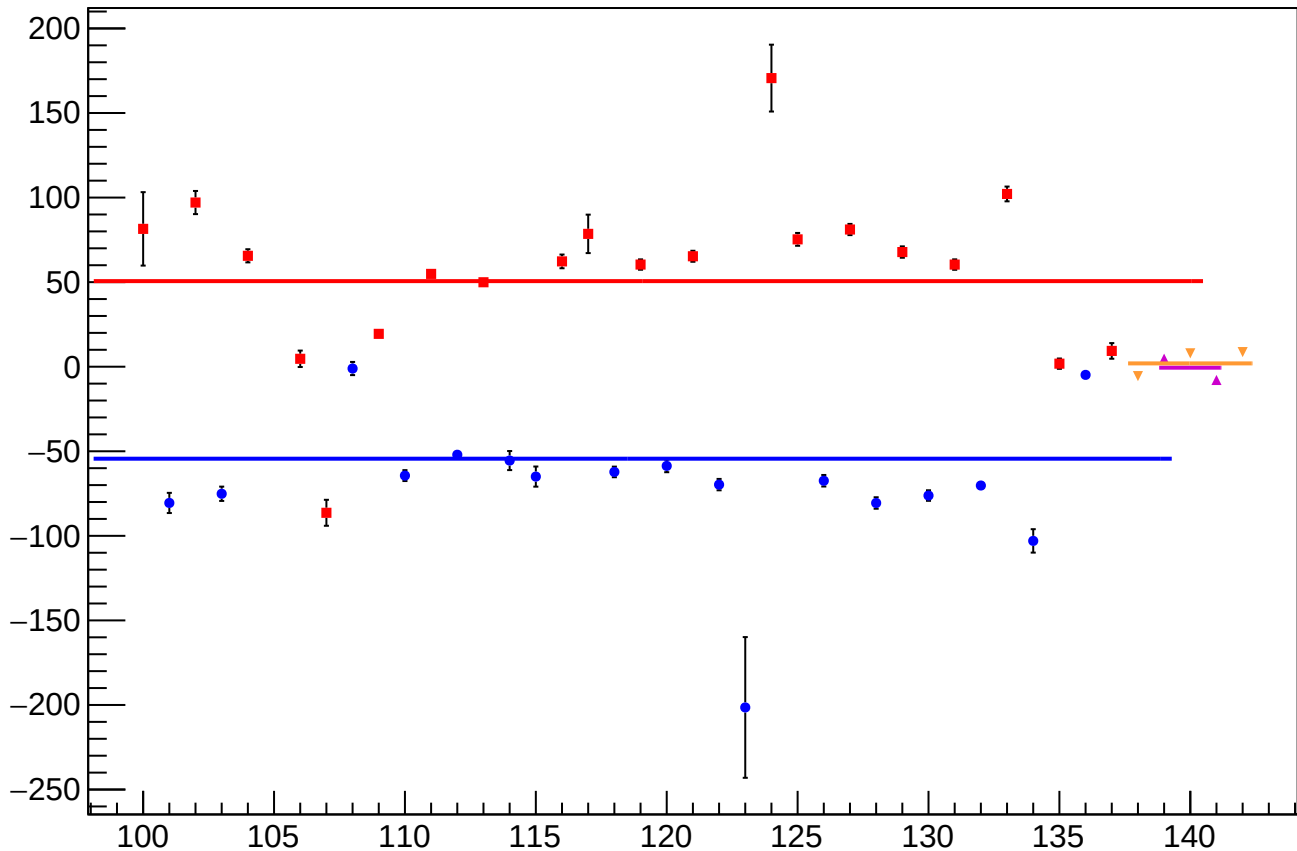
Left In: -2.844 ± 0.999 χ^2/NDF : 10.5/1

3.703 ± 0.397 χ^2/NDF : 295.4/19

-0.009 ± 0.291 χ^2/NDF : 683.5/41

-4.309 ± 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 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: 1.953 ± 0.954 $\chi^2/\text{NDF}: 50.9/2$

Right Out: 50.600 ± 0.855 $\chi^2/\text{NDF}: 1330.8/19$

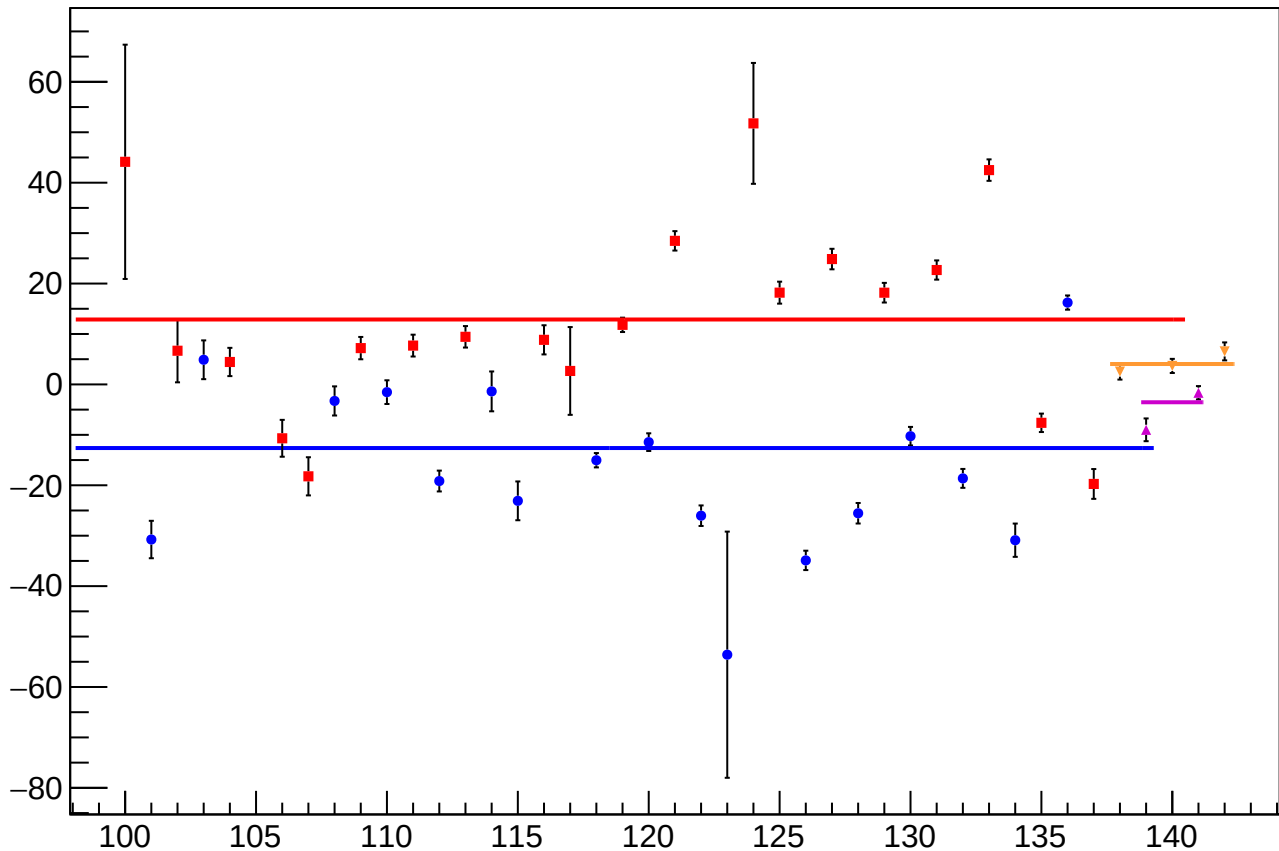
Left In: -0.576 ± 1.066 $\chi^2/\text{NDF}: 34.2/1$

-29.064 ± 0.640 $\chi^2/\text{NDF}: 2982.7/19$

-0.480 ± 0.462 $\chi^2/\text{NDF}: 9912.1/41$

30.558 ± 0.667 $\chi^2/\text{NDF}: 2768.1/21$

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: 4.046 ± 0.905 χ^2/NDF : 2.9/2

Right Out: 12.873 ± 0.537 χ^2/NDF : 731.6/19

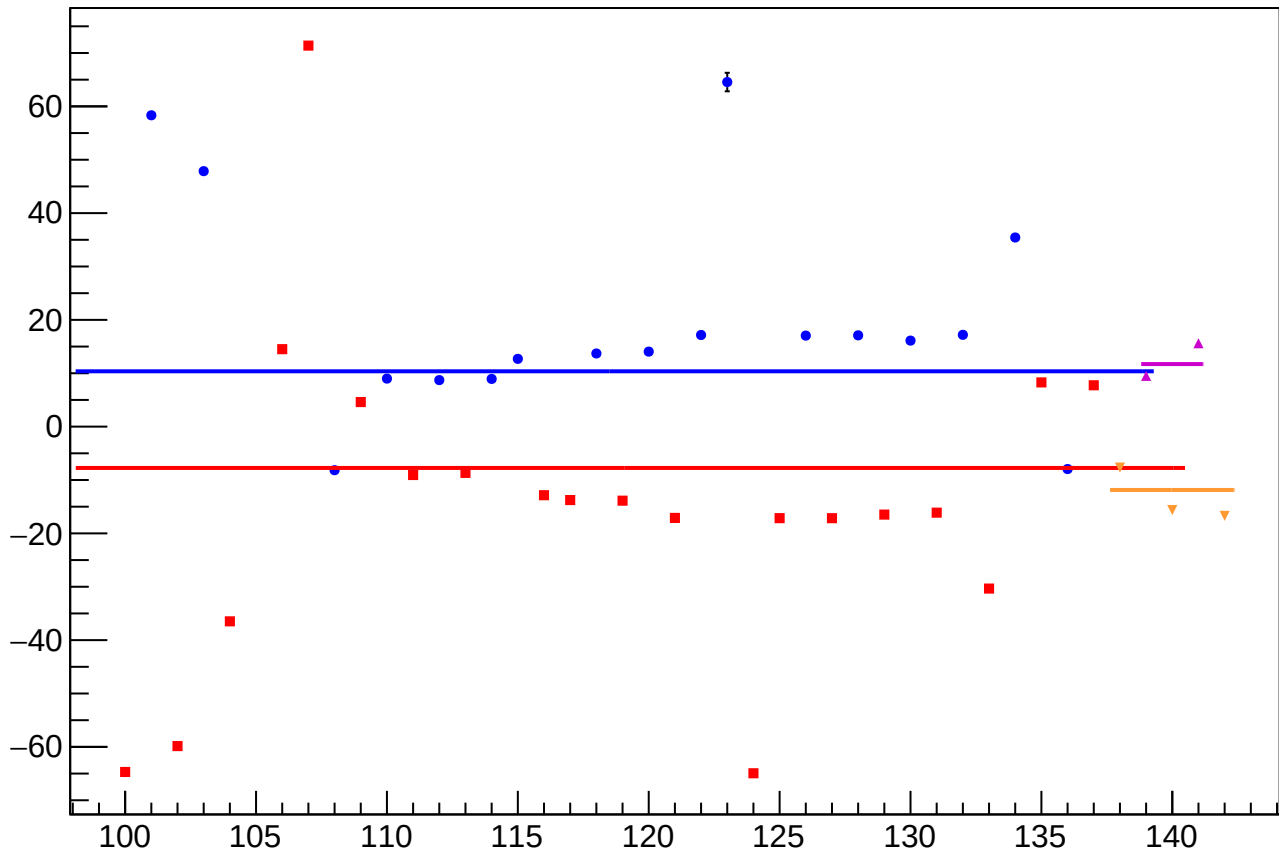
Left In: -3.539 ± 1.142 χ^2/NDF : 7.9/1

-8.357 ± 0.457 χ^2/NDF : 1043.6/19

0.218 ± 0.333 χ^2/NDF : 2700.4/41

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: -11.867 ± 0.039 χ^2/NDF : 11477.5/2

Right Out: -7.741 ± 0.031 χ^2/NDF : 545218.7/19

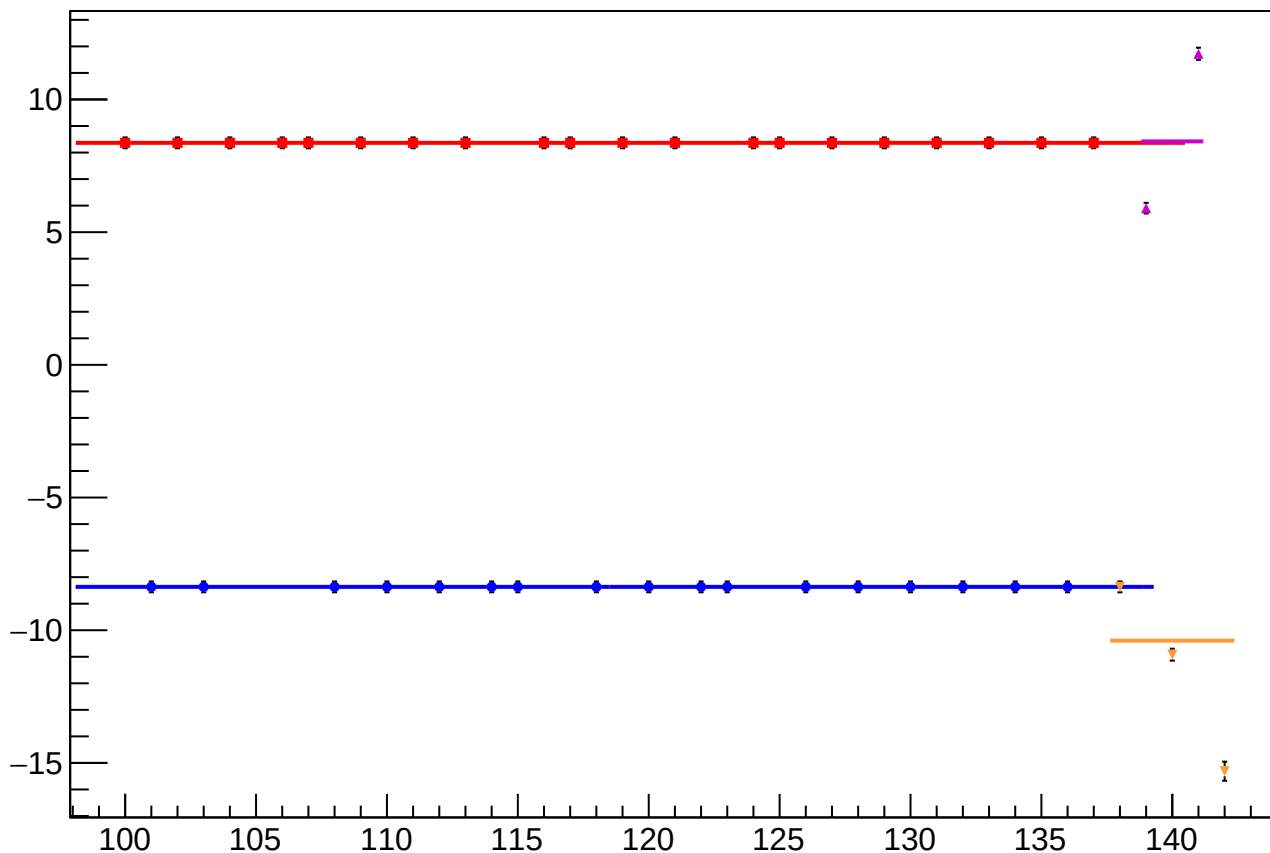
Left In: 11.721 ± 0.040 χ^2/NDF : 5501.9/1

1.866 ± 0.024 χ^2/NDF : 595127.5/19

0.814 ± 0.017 χ^2/NDF : 1298879.0/41

-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: -10.393±/0.140 χ^2 /NDF:289.6/2

Right Out: 8.366±/0.046 χ^2 /NDF: 0.0/19

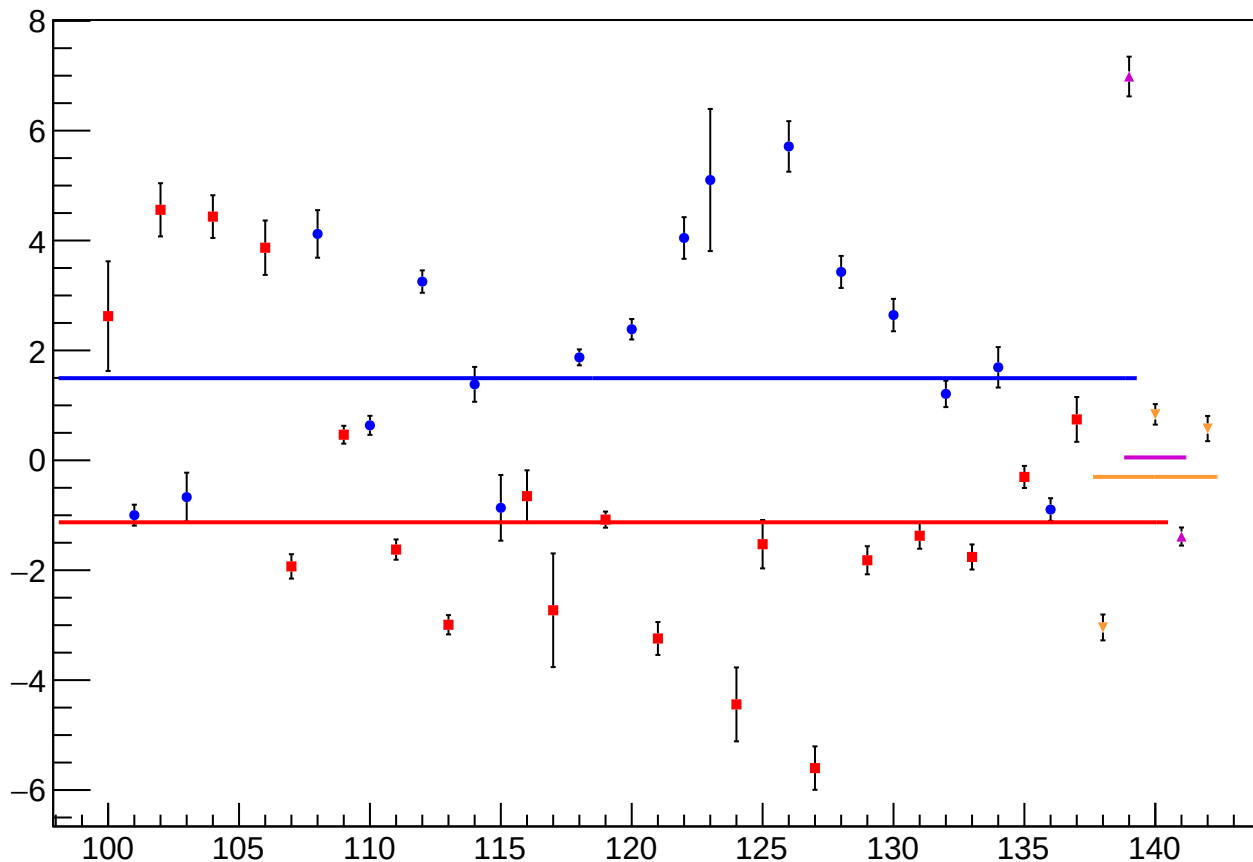
Left In: 8.420±/0.150 χ^2 /NDF:367.2/1

-8.594±/0.047 χ^2 /NDF: 476.6/19

0.447±/0.032 χ^2 /NDF: 70849.3/41

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 $\pm$ 0.061 χ^2/NDF : 708.8/16

Left Out: -0.301 $\pm$ 0.123 χ^2/NDF : 187.4/2

Right Out: -1.128 $\pm$ 0.058 χ^2/NDF : 948.9/19

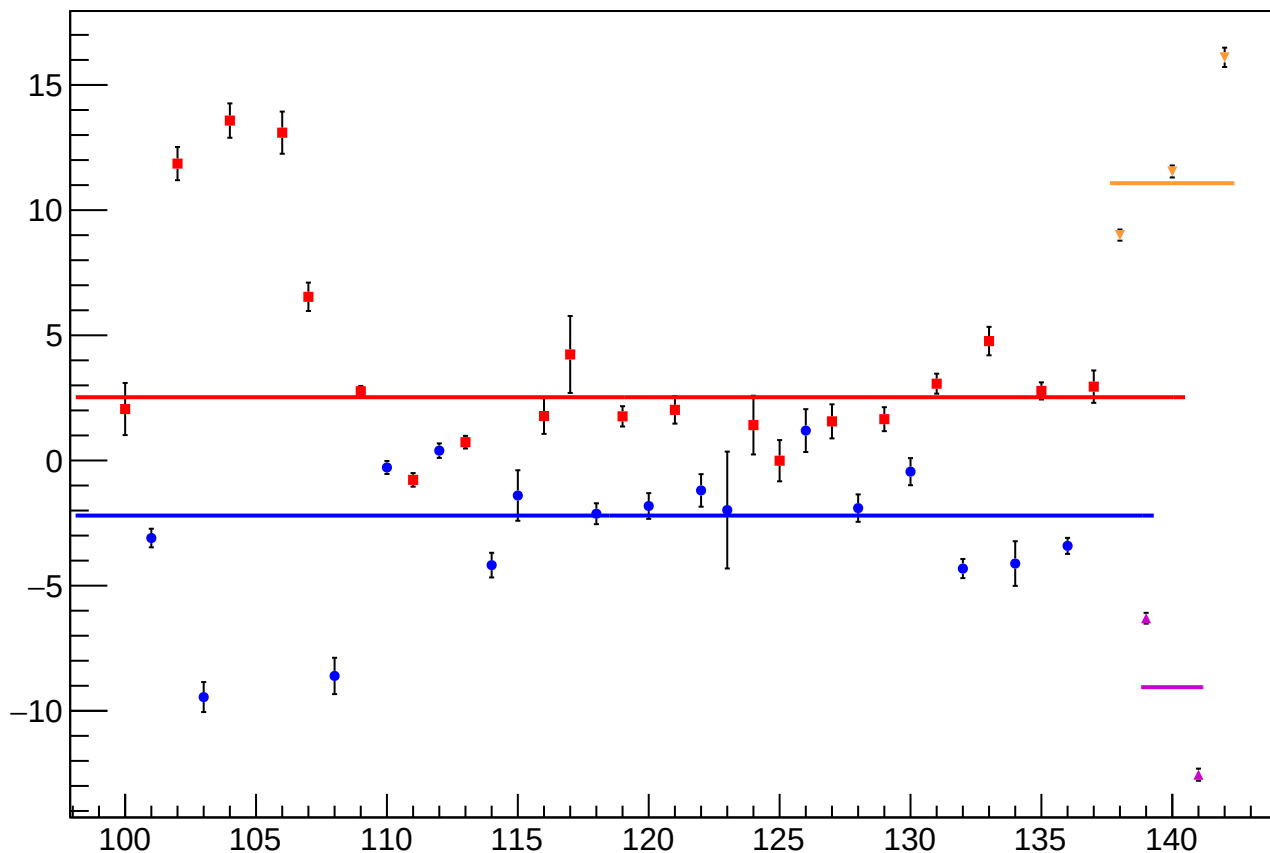
Left In: 0.053 $\pm$ 0.150 χ^2/NDF : 445.2/1

1.141 $\pm$ 0.055 χ^2/NDF : 1066.7/19

0.073 $\pm$ 0.038 χ^2/NDF : 3268.7/41

-0.973 $\pm$ 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: 11.077+/-0.150 χ^2/NDF :260.4/2

Right Out: 2.527+/-0.099 χ^2/NDF : 904.5/19

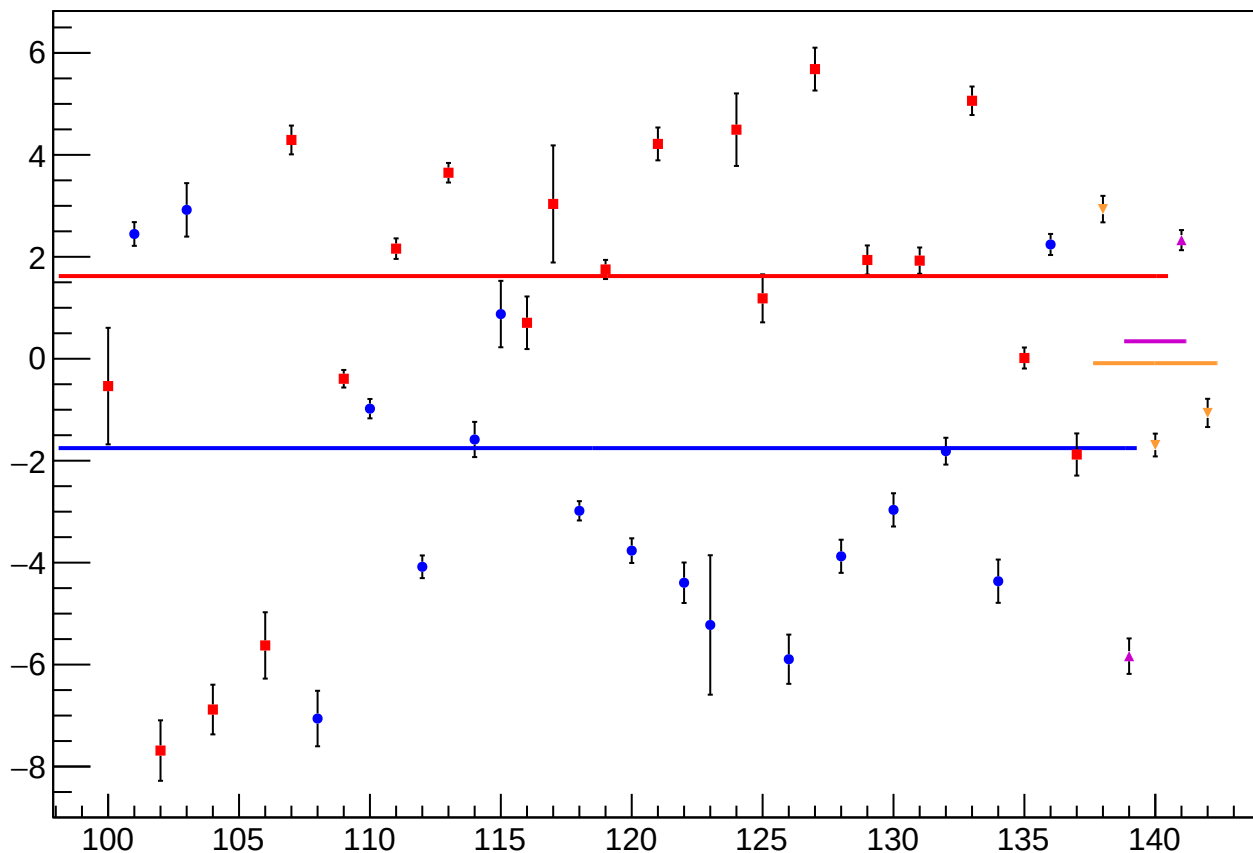
Left In: -9.055+/-0.161 χ^2/NDF :369.1/1

2.469+/-0.089 χ^2/NDF : 5790.0/19

0.836+/-0.061 χ^2/NDF : 11445.0/41

-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: -0.087 ± 0.145 χ^2/NDF : 199.3/2

Right Out: 1.622 ± 0.066 χ^2/NDF : 1489.1/19

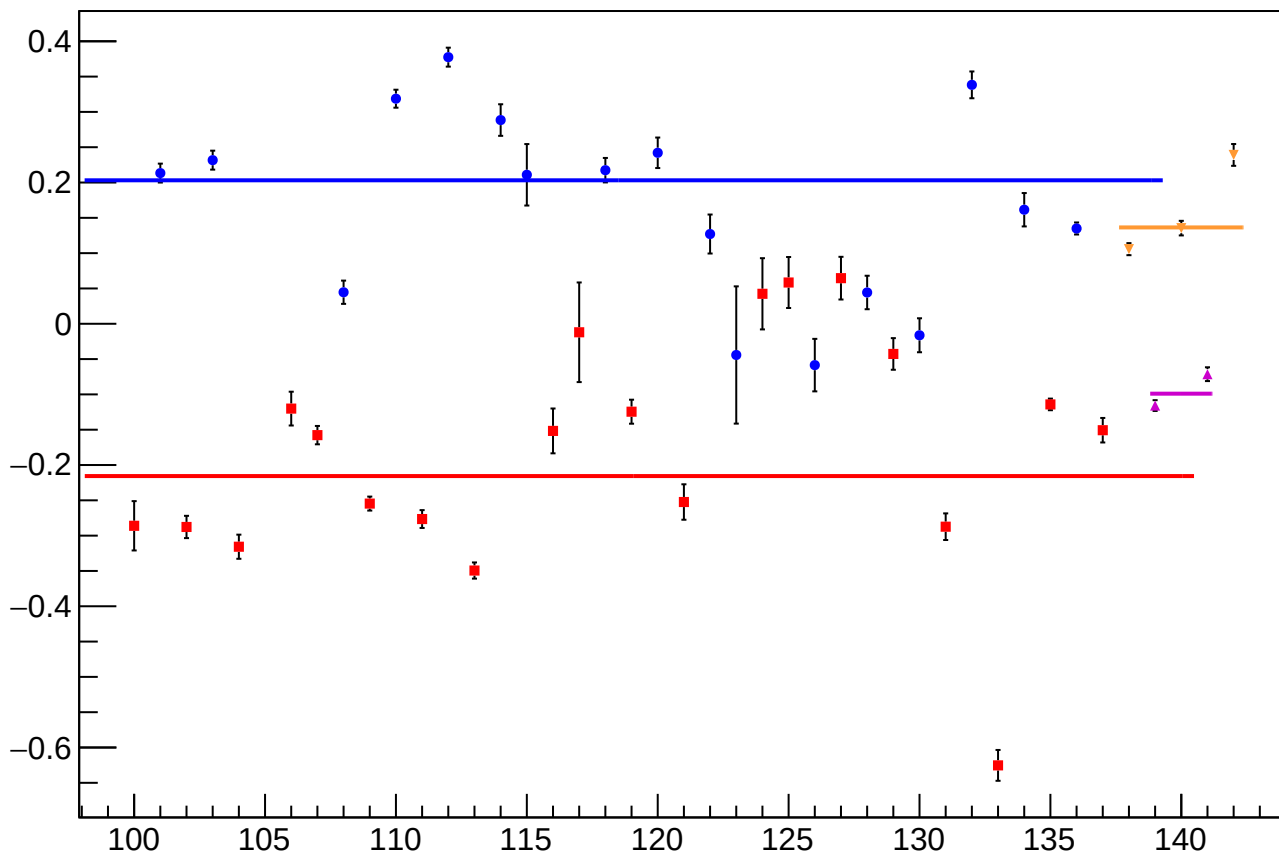
Left In: 0.343 ± 0.172 χ^2/NDF : 416.6/1

-1.435 ± 0.063 χ^2/NDF : 1651.8/19

0.057 ± 0.044 χ^2/NDF : 4685.7/41

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 $\pm$ 0.004 χ^2/NDF : 677.2/16

Left Out: 0.136 $\pm$ 0.006 χ^2/NDF : 57.2/2

Right Out: -0.216 $\pm$ 0.004 χ^2/NDF : 1075.7/19

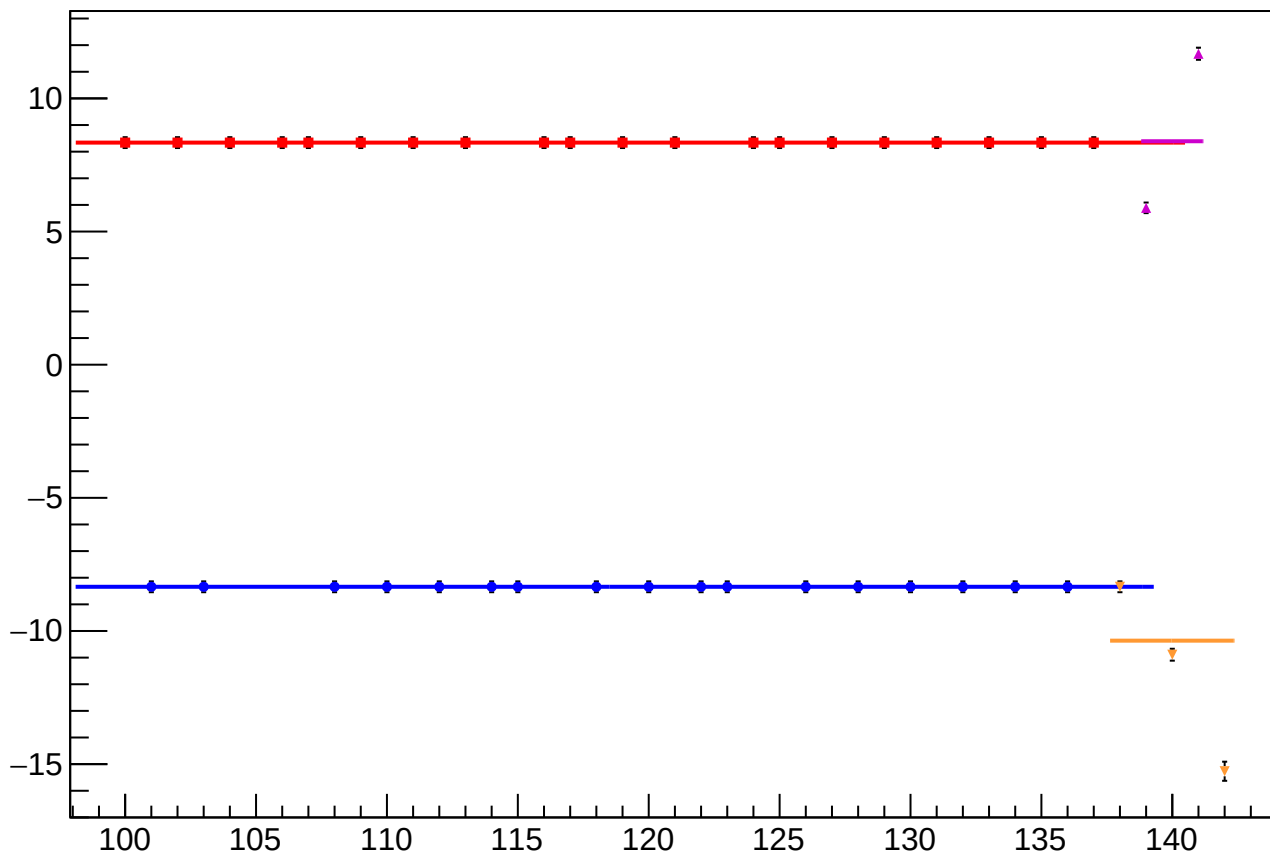
Left In: -0.099 $\pm$ 0.006 χ^2/NDF : 12.8/1

0.182 $\pm$ 0.003 χ^2/NDF : 817.1/19

-0.016 $\pm$ 0.002 χ^2/NDF : 8390.1/41

-0.184 $\pm$ 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: -10.363 ± 0.139 χ^2/NDF : 290.7/2

Right Out: 8.340 ± 0.046 χ^2/NDF : 0.0/19

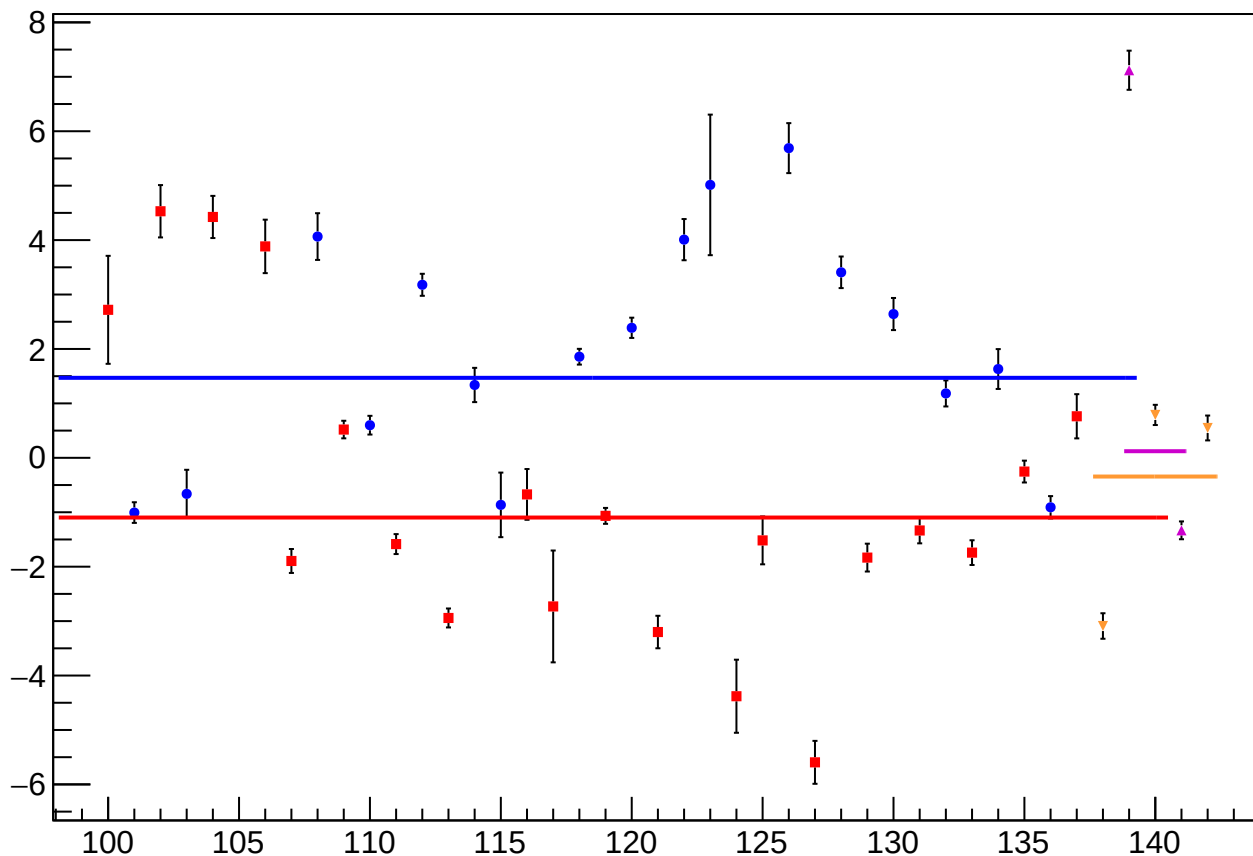
Left In: 8.391 ± 0.150 χ^2/NDF : 366.5/1

-8.568 ± 0.047 χ^2/NDF : 478.7/19

0.445 ± 0.032 χ^2/NDF : 71013.2/41

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: -0.344 $\pm$ 0.123 χ^2 /NDF:189.7/2

Right Out: -1.097 $\pm$ 0.058 χ^2 /NDF: 954.6/19

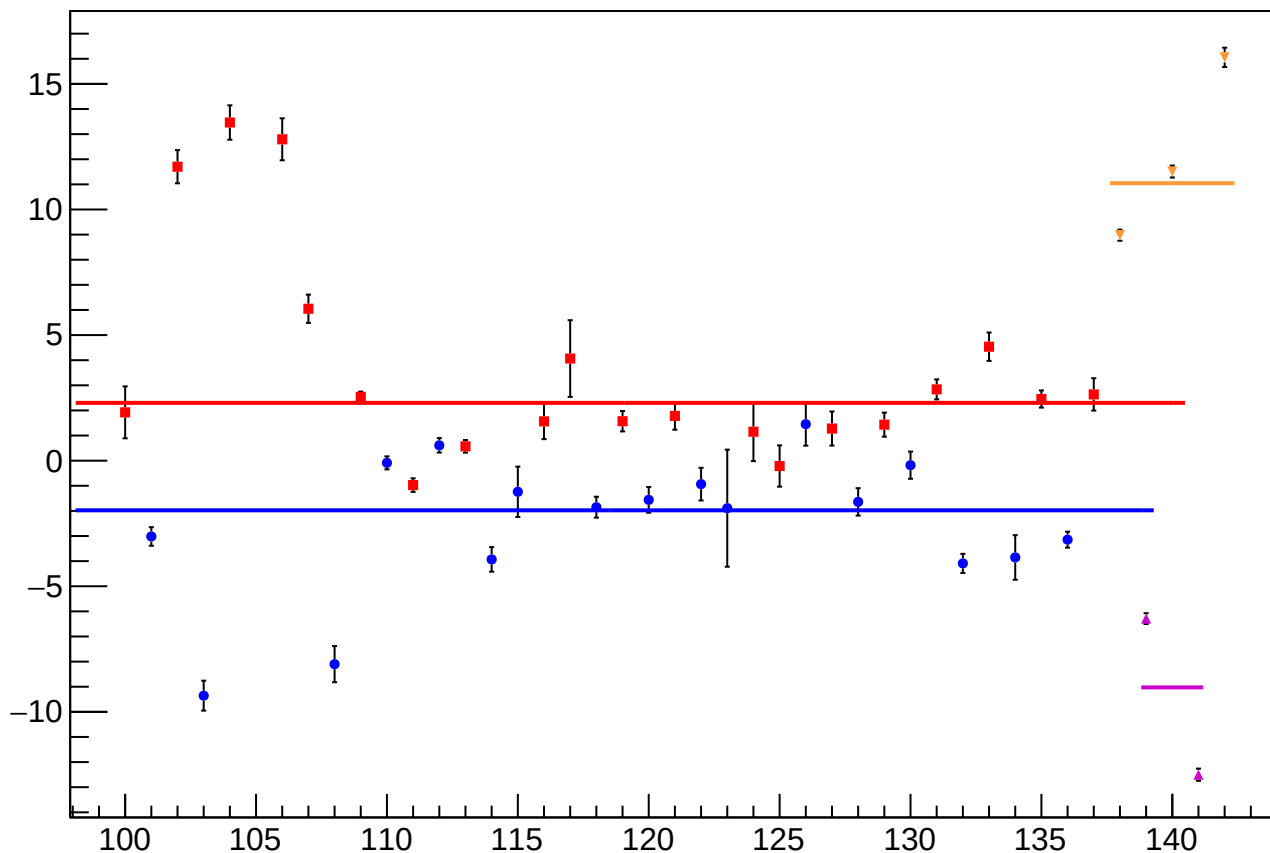
Left In: 0.121 $\pm$ 0.149 χ^2 /NDF:457.7/1

1.112 $\pm$ 0.054 χ^2 /NDF: 1073.0/19

0.077 $\pm$ 0.038 χ^2 /NDF: 3258.5/41

-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: 11.046 ± 0.149 $\chi^2/\text{NDF}: 261.5/2$

Right Out: 2.302 ± 0.098 $\chi^2/\text{NDF}: 907.9/19$

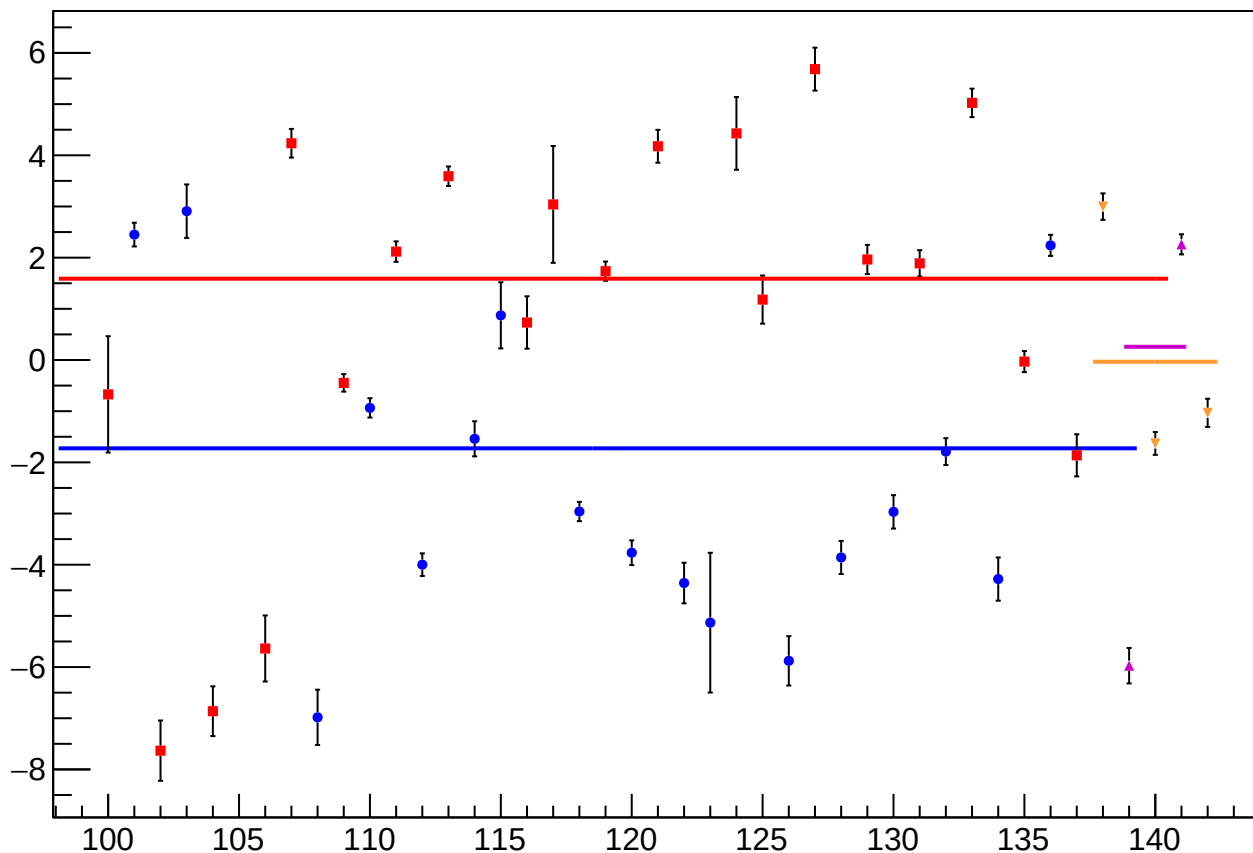
Left In: -9.026 ± 0.161 $\chi^2/\text{NDF}: 368.2/1$

2.600 ± 0.089 $\chi^2/\text{NDF}: 5647.1/19$

0.818 ± 0.061 $\chi^2/\text{NDF}: 11303.8/41$

-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: -0.034 ± 0.144 $\chi^2/\text{NDF}: 201.9/2$

Right Out: 1.589 ± 0.065 $\chi^2/\text{NDF}: 1494.5/19$

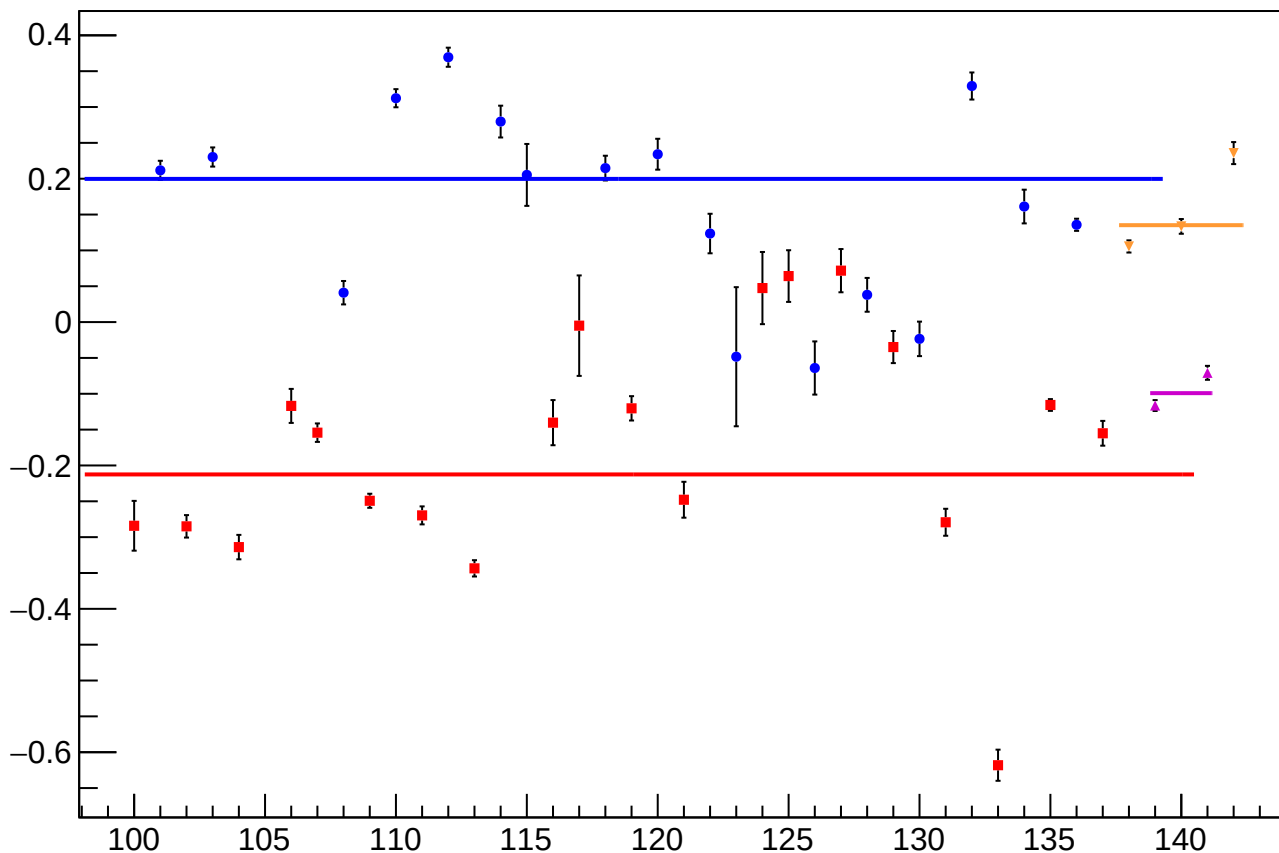
Left In: 0.258 ± 0.171 $\chi^2/\text{NDF}: 427.6/1$

-1.403 ± 0.063 $\chi^2/\text{NDF}: 1655.1/19$

0.052 ± 0.044 $\chi^2/\text{NDF}: 4666.7/41$

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 $\pm$ 0.004 χ^2/NDF : 662.5/16

Left Out: 0.135 $\pm$ 0.006 χ^2/NDF : 55.0/2

Right Out: -0.213 $\pm$ 0.004 χ^2/NDF : 1059.7/19

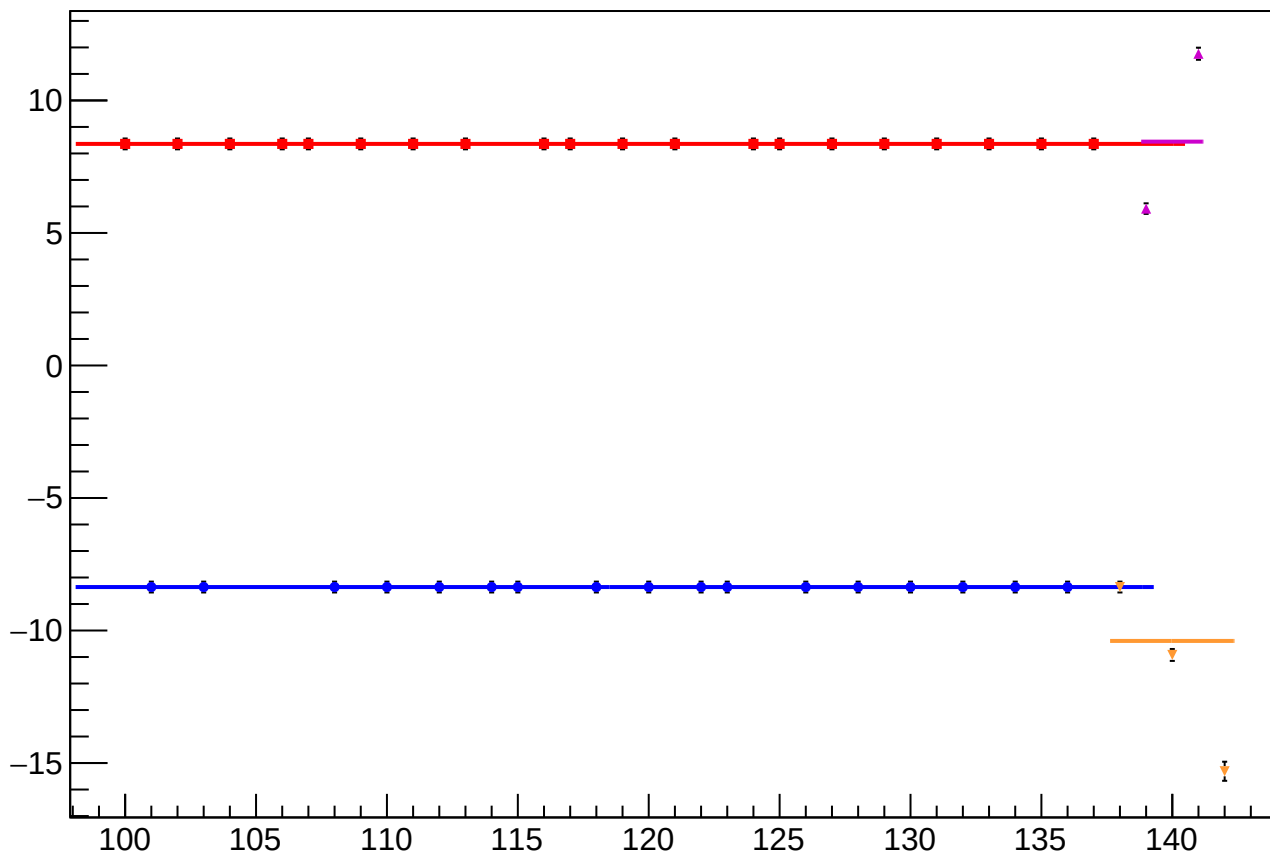
Left In: -0.099 $\pm$ 0.006 χ^2/NDF : 13.7/1

0.179 $\pm$ 0.003 χ^2/NDF : 795.7/19

-0.016 $\pm$ 0.002 χ^2/NDF : 8232.1/41

-0.182 $\pm$ 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: -10.393 ± 0.140 χ^2/NDF : 290.5/2

Right Out: 8.360 ± 0.046 χ^2/NDF : 0.0/19

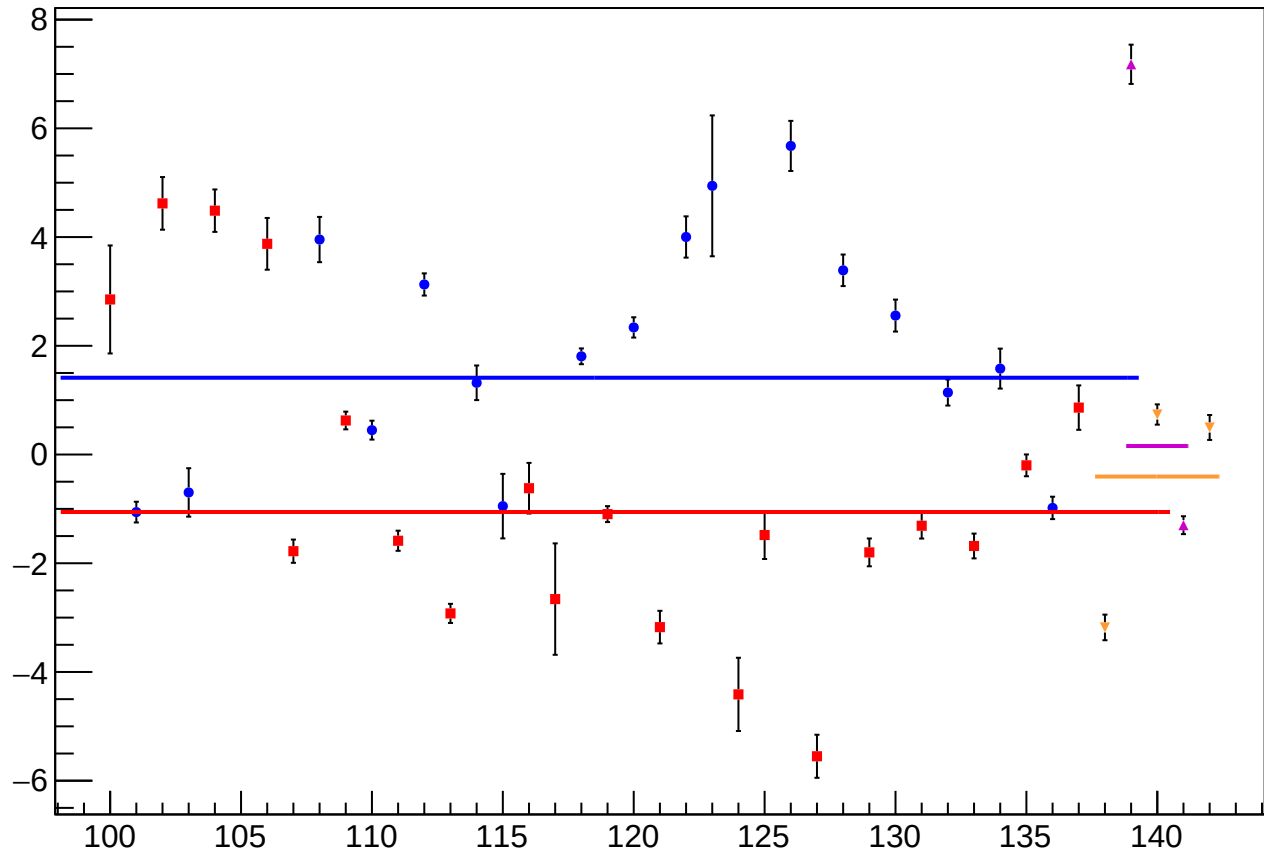
Left In: 8.446 ± 0.150 χ^2/NDF : 370.6/1

-8.589 ± 0.047 χ^2/NDF : 478.6/19

0.448 ± 0.032 χ^2/NDF : 70705.4/41

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 ± 0.061 $\chi^2/\text{NDF}: 713.9/16$

Left Out: -0.405 ± 0.123 $\chi^2/\text{NDF}: 191.8/2$

Right Out: -1.057 ± 0.058 $\chi^2/\text{NDF}: 965.8/19$

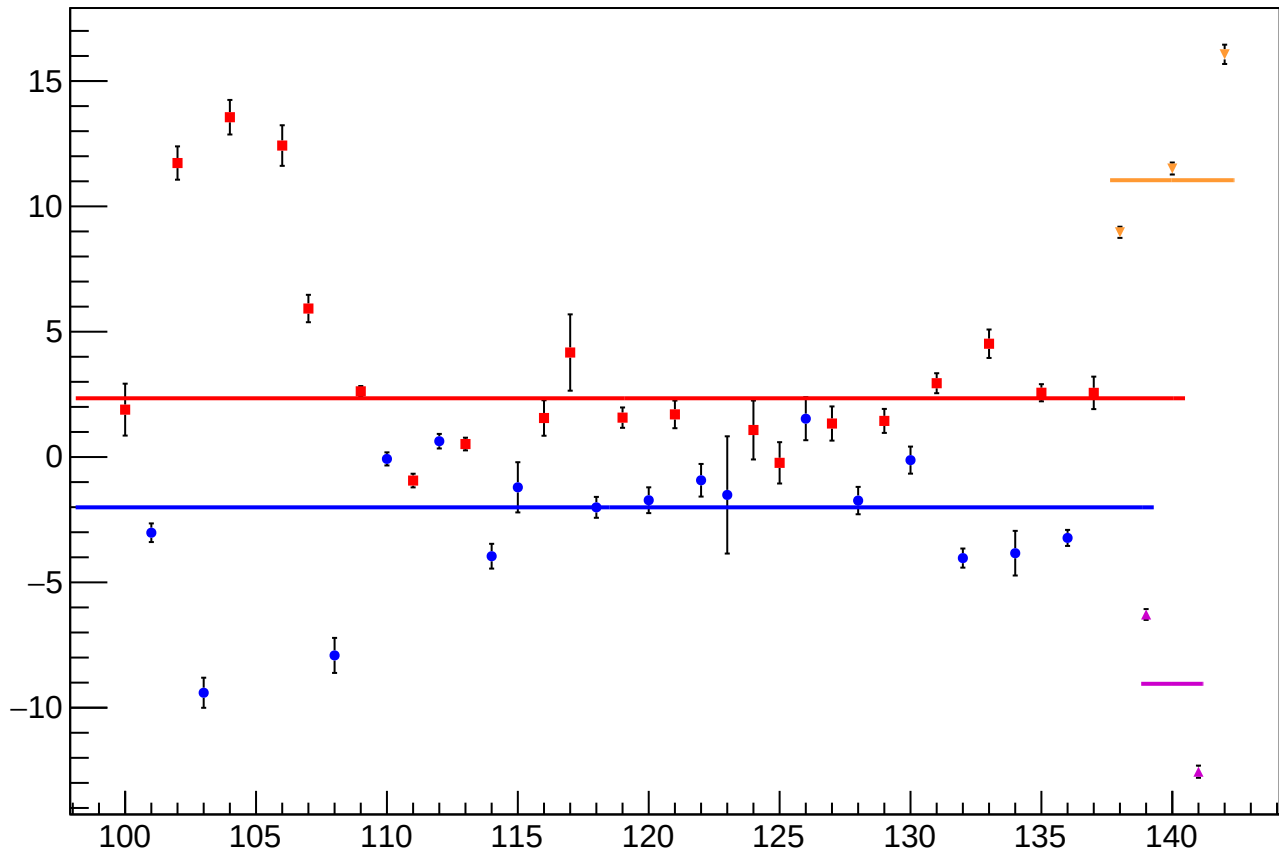
Left In: 0.157 ± 0.150 $\chi^2/\text{NDF}: 456.4/1$

1.054 ± 0.055 $\chi^2/\text{NDF}: 1080.3/19$

0.066 ± 0.038 $\chi^2/\text{NDF}: 3204.2/41$

-0.899 ± 0.054 $\chi^2/\text{NDF}: 1479.4/21$

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: 11.044 ± 0.150 χ^2/NDF : 260.9/2

Right Out: 2.344 ± 0.099 χ^2/NDF : 902.6/19

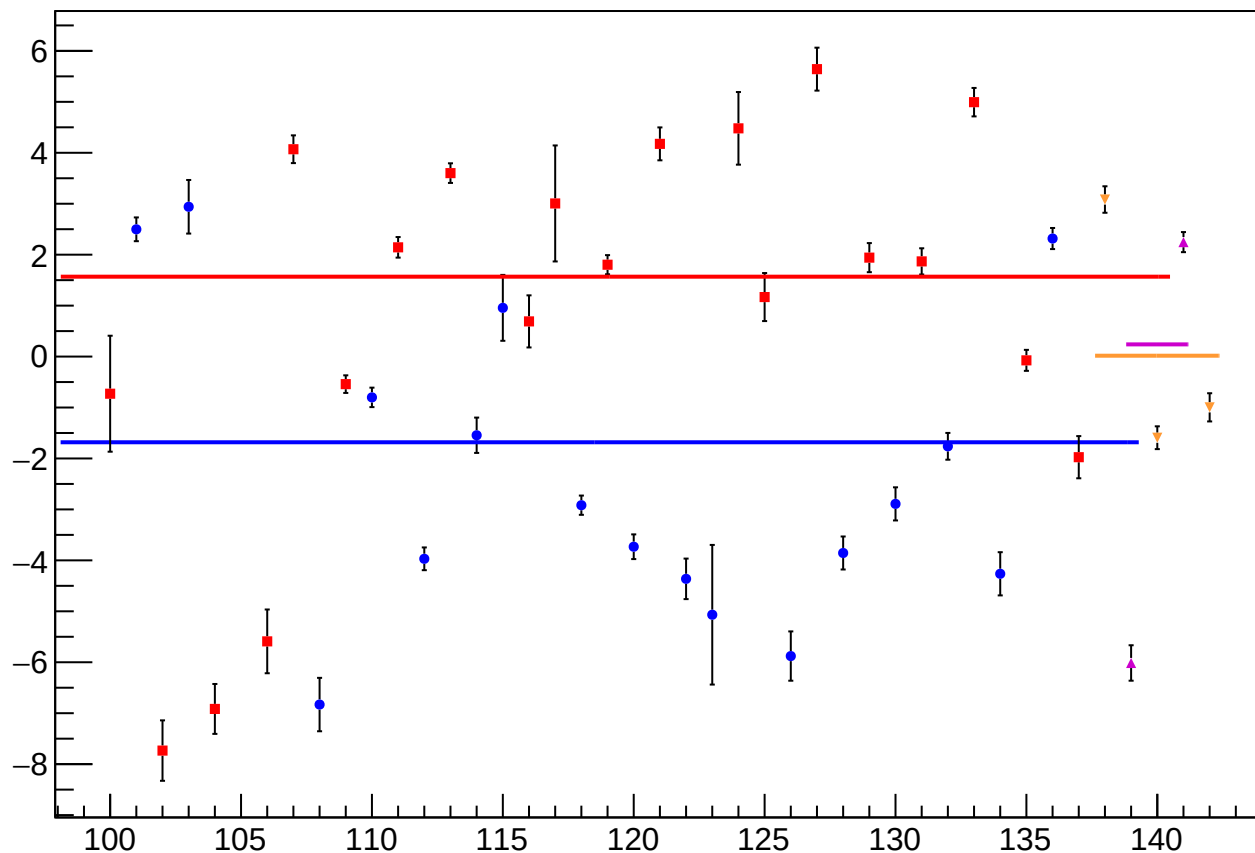
Left In: -9.046 ± 0.161 χ^2/NDF : 371.8/1

2.583 ± 0.089 χ^2/NDF : 5618.5/19

0.821 ± 0.061 χ^2/NDF : 11255.9/41

-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: 0.017+/-0.145 χ^2/NDF :204.3/2

Right Out: 1.568+/-0.066 χ^2/NDF : 1506.3/19

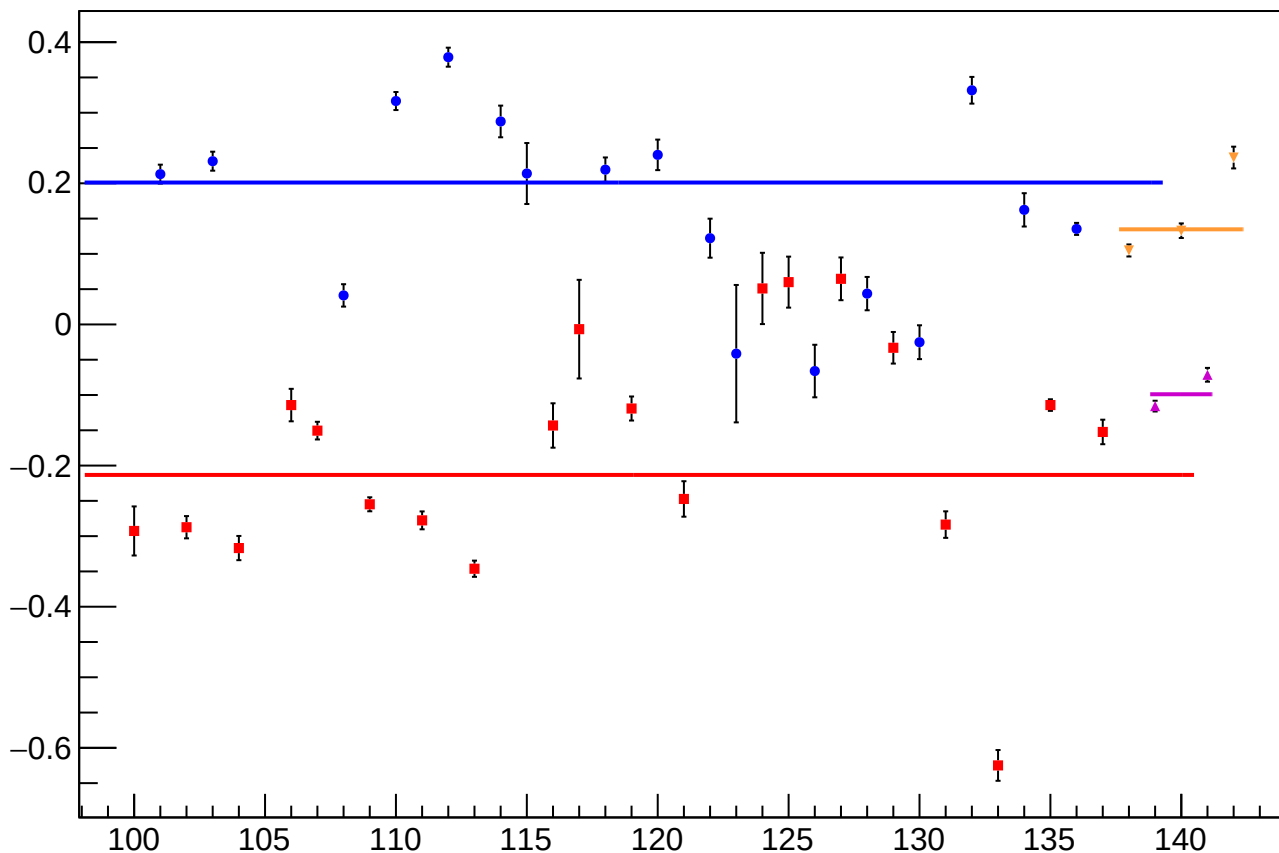
Left In: 0.239+/-0.172 χ^2/NDF :426.7/1

-1.357+/-0.063 χ^2/NDF : 1663.8/19

0.065+/-0.044 χ^2/NDF : 4630.2/41

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: 0.135 $\pm$ 0.006 χ^2/NDF : 55.8/2

Right Out: -0.213 $\pm$ 0.004 χ^2/NDF : 1091.9/19

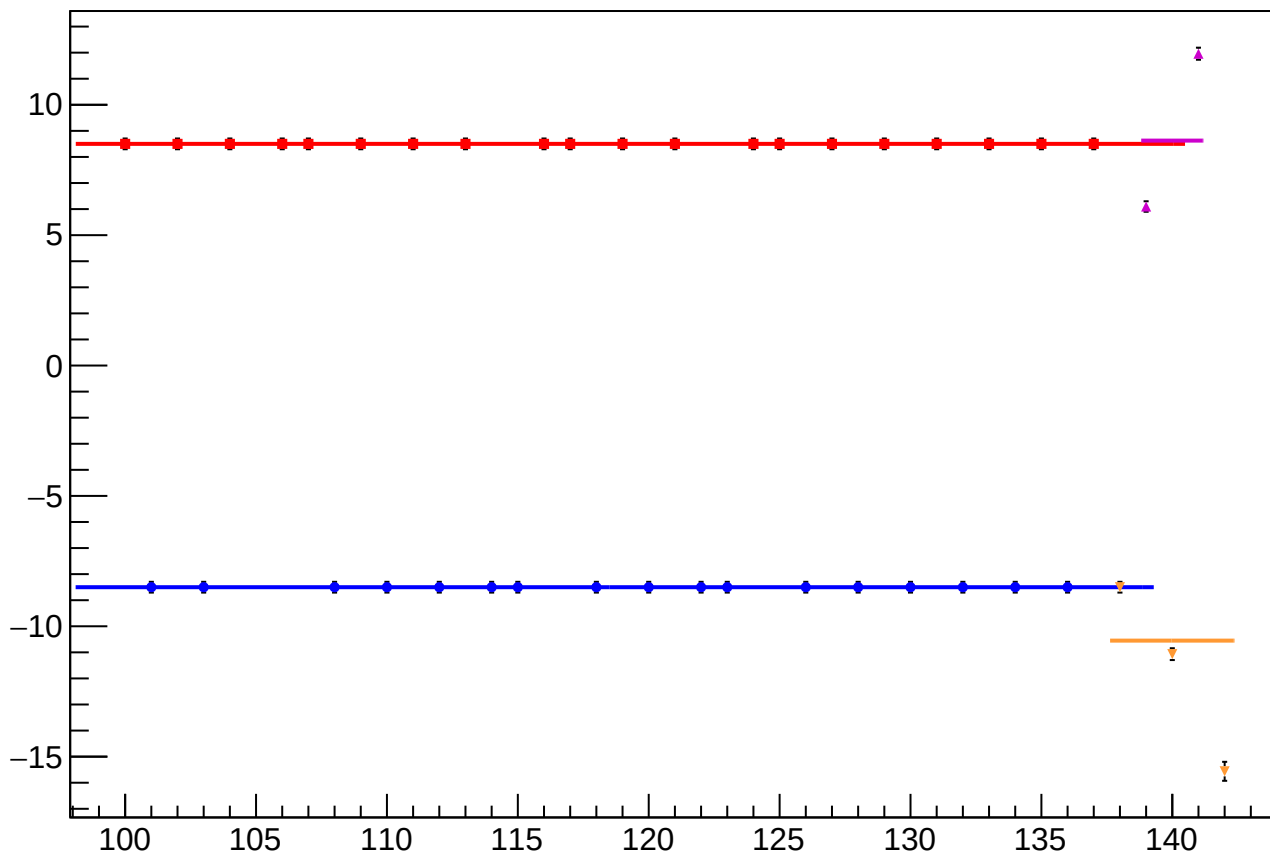
Left In: -0.099 $\pm$ 0.006 χ^2/NDF : 12.8/1

0.180 $\pm$ 0.003 χ^2/NDF : 828.9/19

-0.016 $\pm$ 0.002 χ^2/NDF : 8307.2/41

-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: -10.550 ± 0.141 χ^2/NDF : 293.1/2

Right Out: 8.501 ± 0.046 χ^2/NDF : 0.0/19

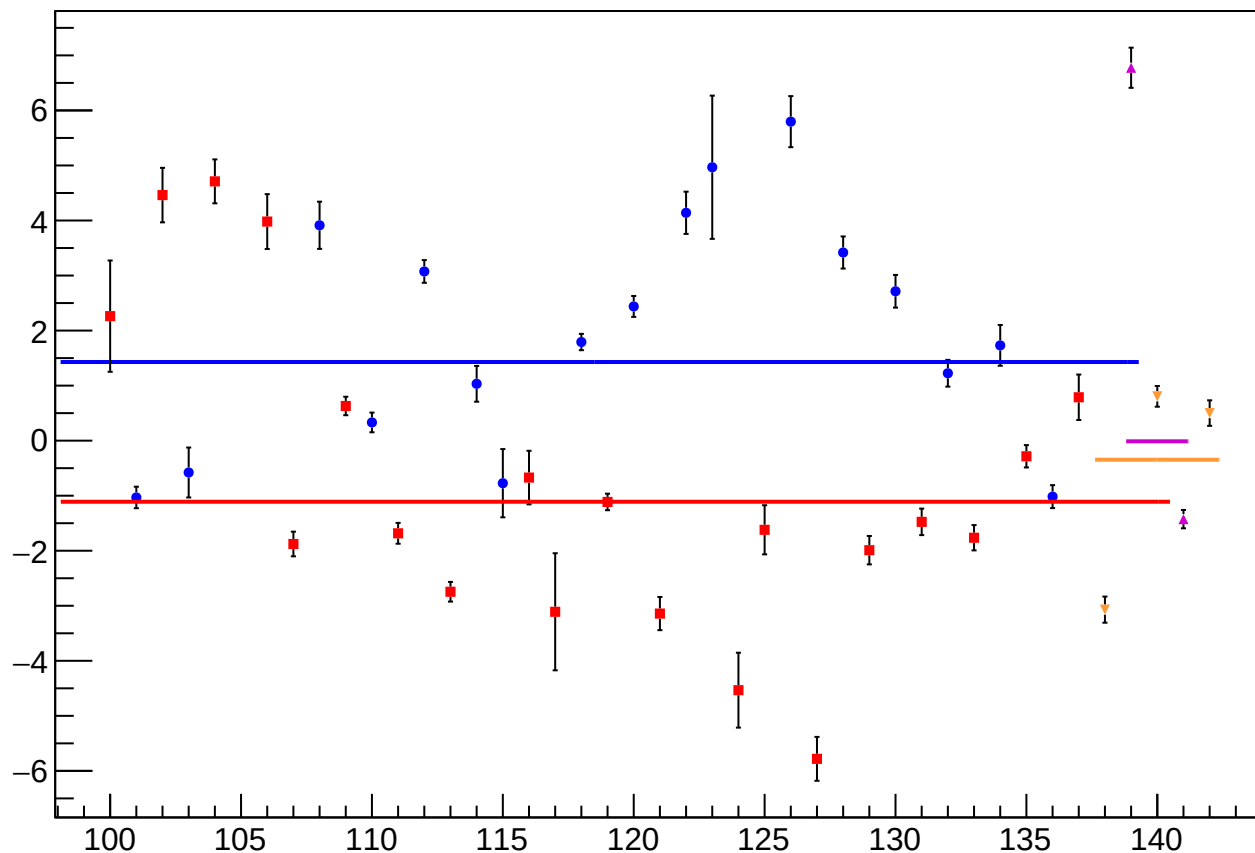
Left In: 8.627 ± 0.152 χ^2/NDF : 364.3/1

-8.732 ± 0.047 χ^2/NDF : 480.7/19

0.457 ± 0.032 χ^2/NDF : 71815.9/41

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±0.062 χ^2/NDF : 711.4/16

Left Out: -0.346±0.124 χ^2/NDF : 182.4/2

Right Out: -1.110±0.059 χ^2/NDF : 940.1/19

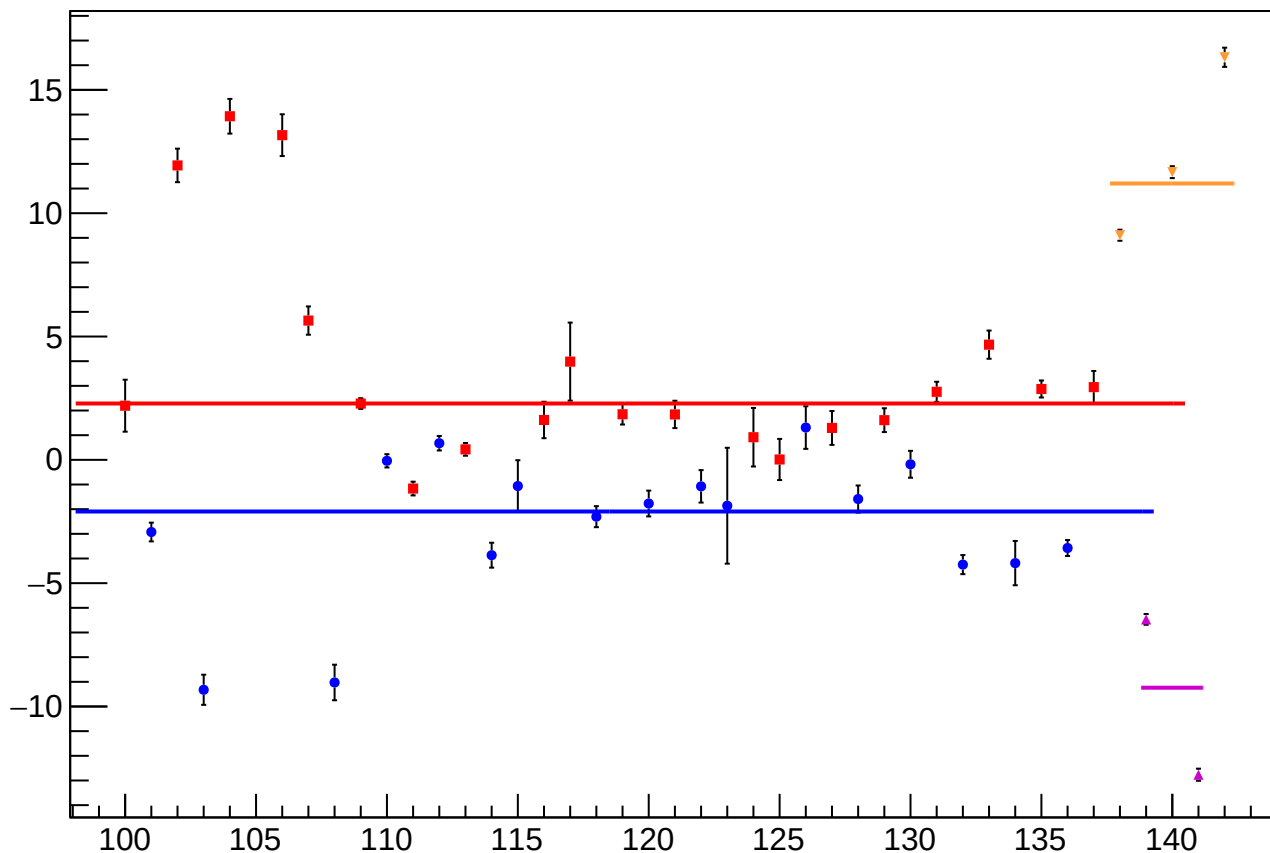
Left In: -0.012±0.151 χ^2/NDF : 418.2/1

1.074±0.056 χ^2/NDF : 1056.7/19

0.047±0.039 χ^2/NDF : 3138.0/41

-0.964±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: 11.205 ± 0.152 $\chi^2/\text{NDF}: 263.6/2$

Right Out: 2.285 ± 0.101 $\chi^2/\text{NDF}: 919.7/19$

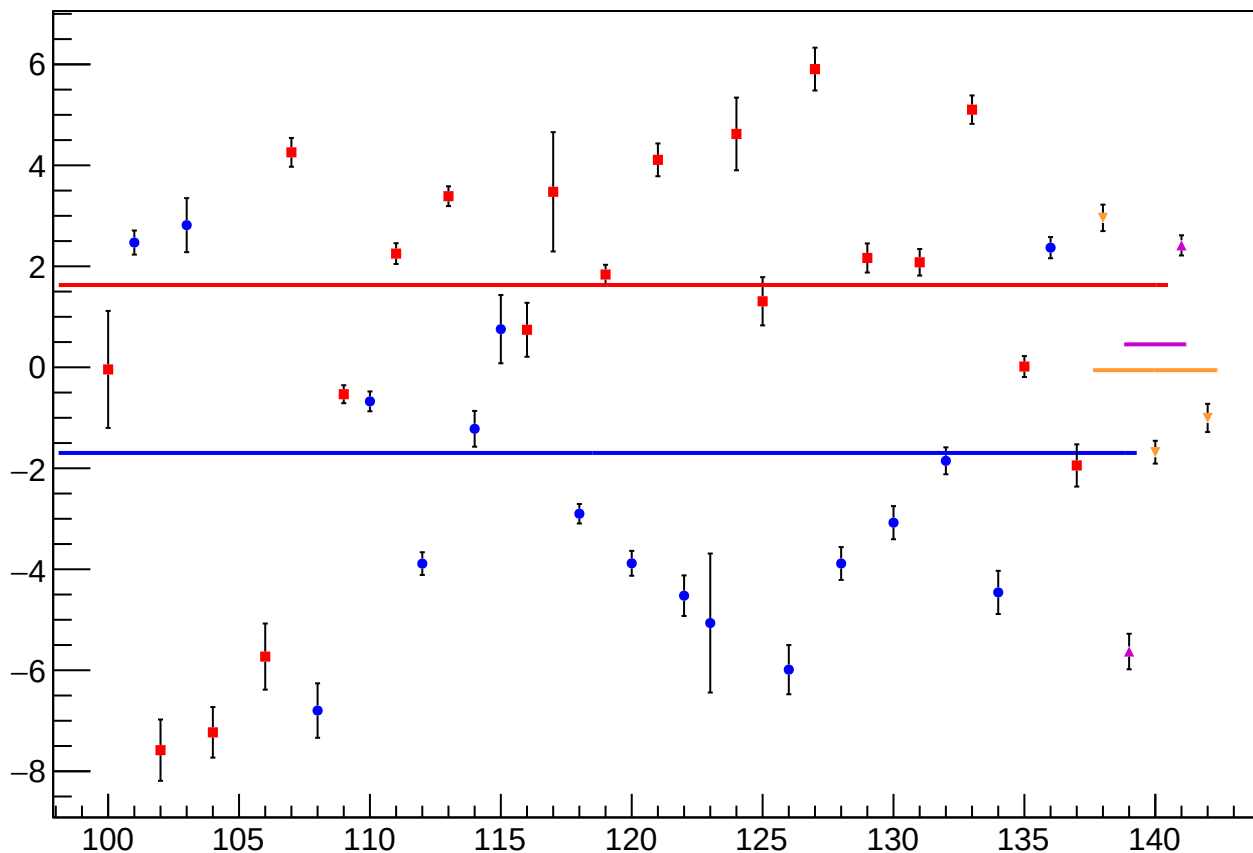
Left In: -9.239 ± 0.163 $\chi^2/\text{NDF}: 366.4/1$

2.634 ± 0.090 $\chi^2/\text{NDF}: 5710.4/19$

0.777 ± 0.062 $\chi^2/\text{NDF}: 11404.4/41$

-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: -0.057 ± 0.146 χ^2/NDF : 195.7/2

Right Out: 1.630 ± 0.067 χ^2/NDF : 1469.8/19

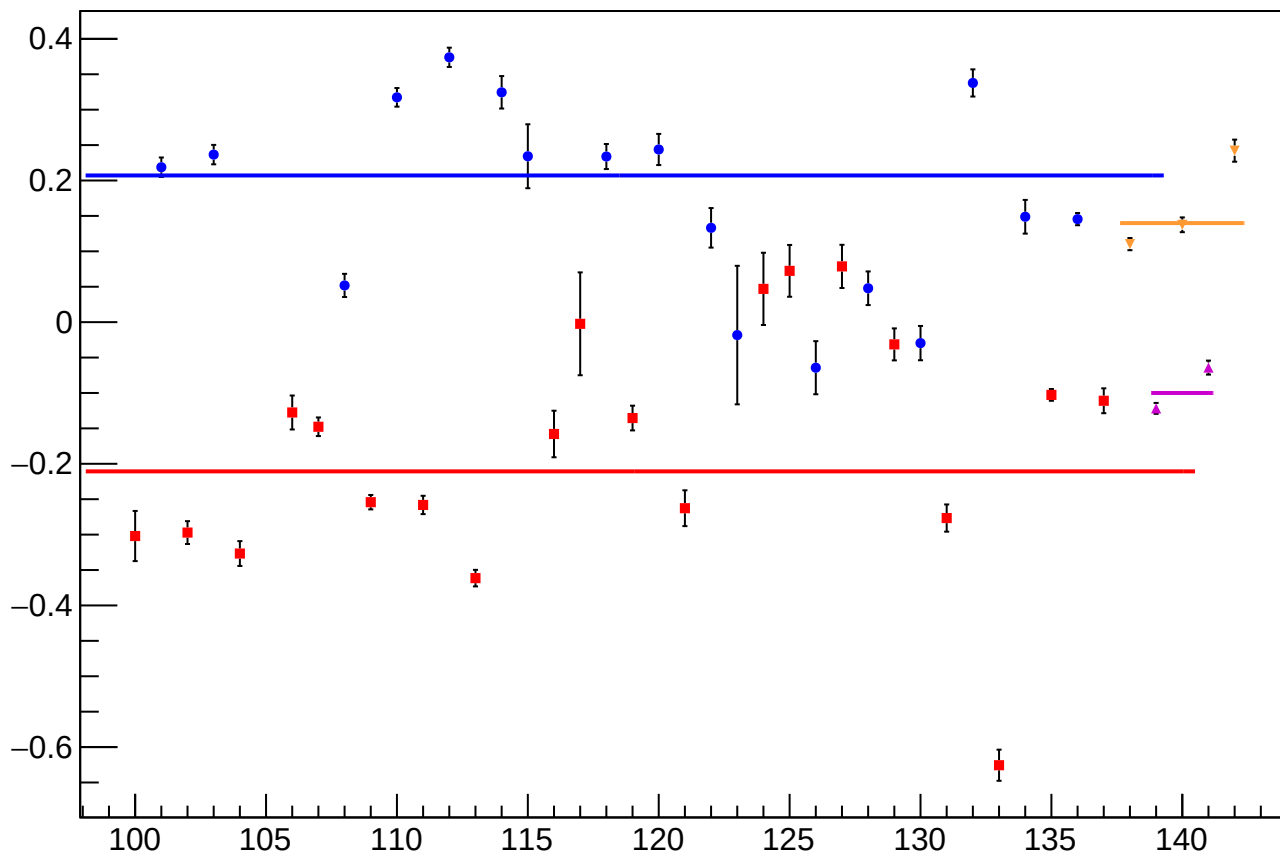
Left In: 0.455 ± 0.174 χ^2/NDF : 396.0/1

-1.378 ± 0.064 χ^2/NDF : 1630.6/19

0.091 ± 0.045 χ^2/NDF : 4554.2/41

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: 0.140 $\pm$ 0.006 χ^2/NDF : 54.9/2

Right Out: -0.211 $\pm$ 0.004 χ^2/NDF : 1153.9/19

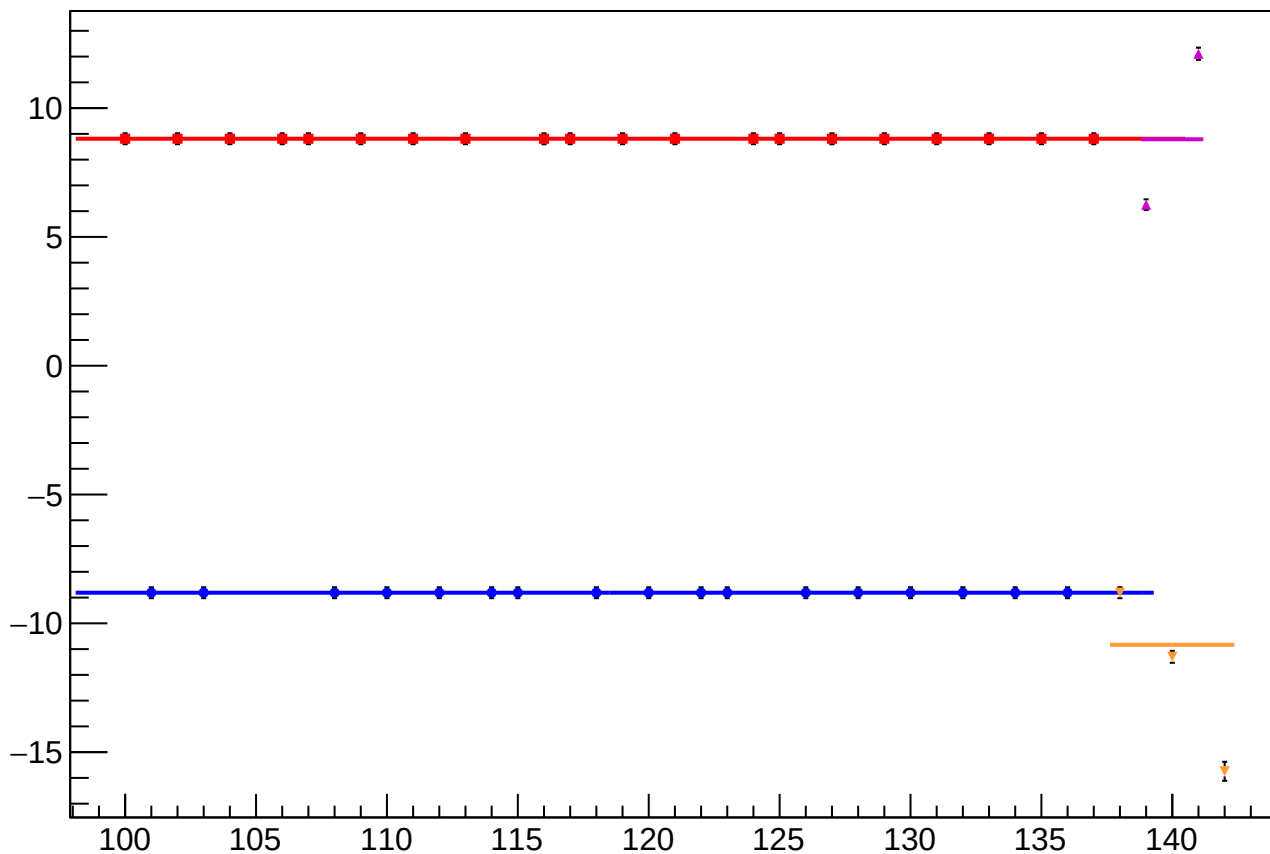
Left In: -0.100 $\pm$ 0.006 χ^2/NDF : 21.1/1

0.186 $\pm$ 0.003 χ^2/NDF : 793.5/19

-0.012 $\pm$ 0.002 χ^2/NDF : 8240.0/41

-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: -10.833 ± 0.144 χ^2/NDF : 271.9/2

Right Out: 8.811 ± 0.048 χ^2/NDF : 0.0/19

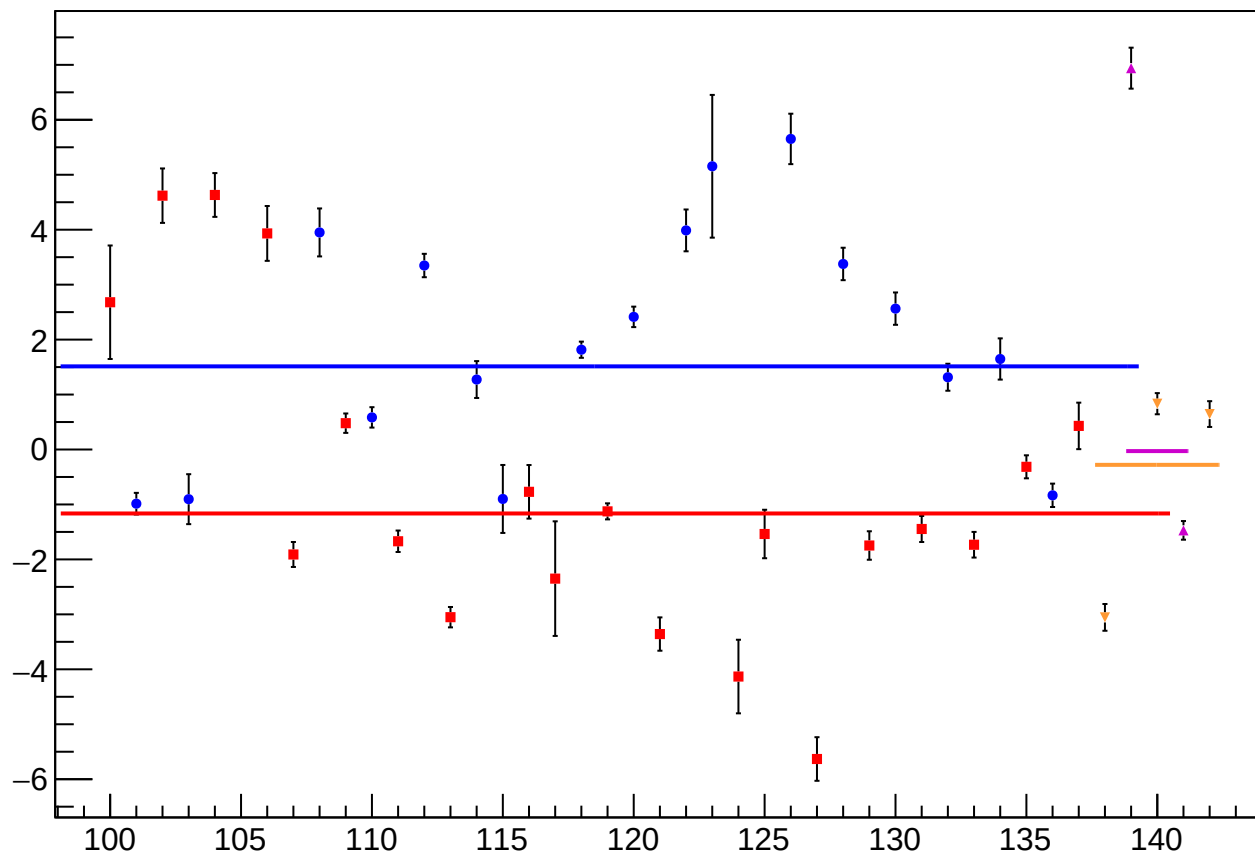
Left In: 8.790 ± 0.155 χ^2/NDF : 349.6/1

-9.040 ± 0.049 χ^2/NDF : 446.0/19

0.473 ± 0.033 χ^2/NDF : 72814.7/41

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 $\pm$ 0.063 χ^2 /NDF: 669.7/16

Left Out: -0.279 $\pm$ 0.127 χ^2 /NDF:178.9/2

Right Out: -1.164 $\pm$ 0.060 χ^2 /NDF: 918.3/19

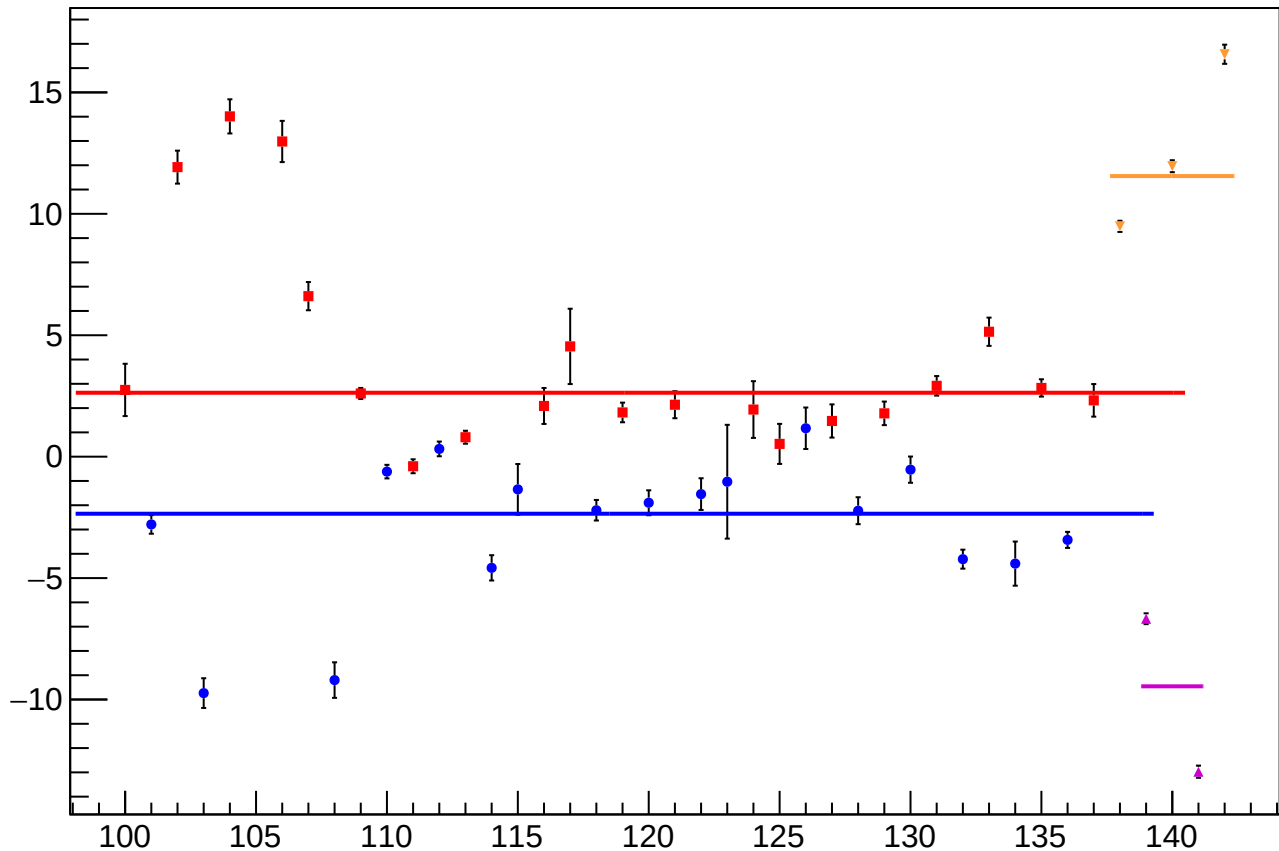
Left In: -0.029 $\pm$ 0.154 χ^2 /NDF:421.4/1

1.162 $\pm$ 0.056 χ^2 /NDF: 1008.7/19

0.067 $\pm$ 0.040 χ^2 /NDF: 3149.7/41

-1.015 $\pm$ 0.056 χ^2 /NDF: 1386.7/21

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.350 $\pm$ 0.114 χ^2/NDF : 439.7/16

Left Out: 11.555 $\pm$ 0.155 χ^2/NDF : 244.7/2

Right Out: 2.633 $\pm$ 0.103 χ^2/NDF : 841.9/19

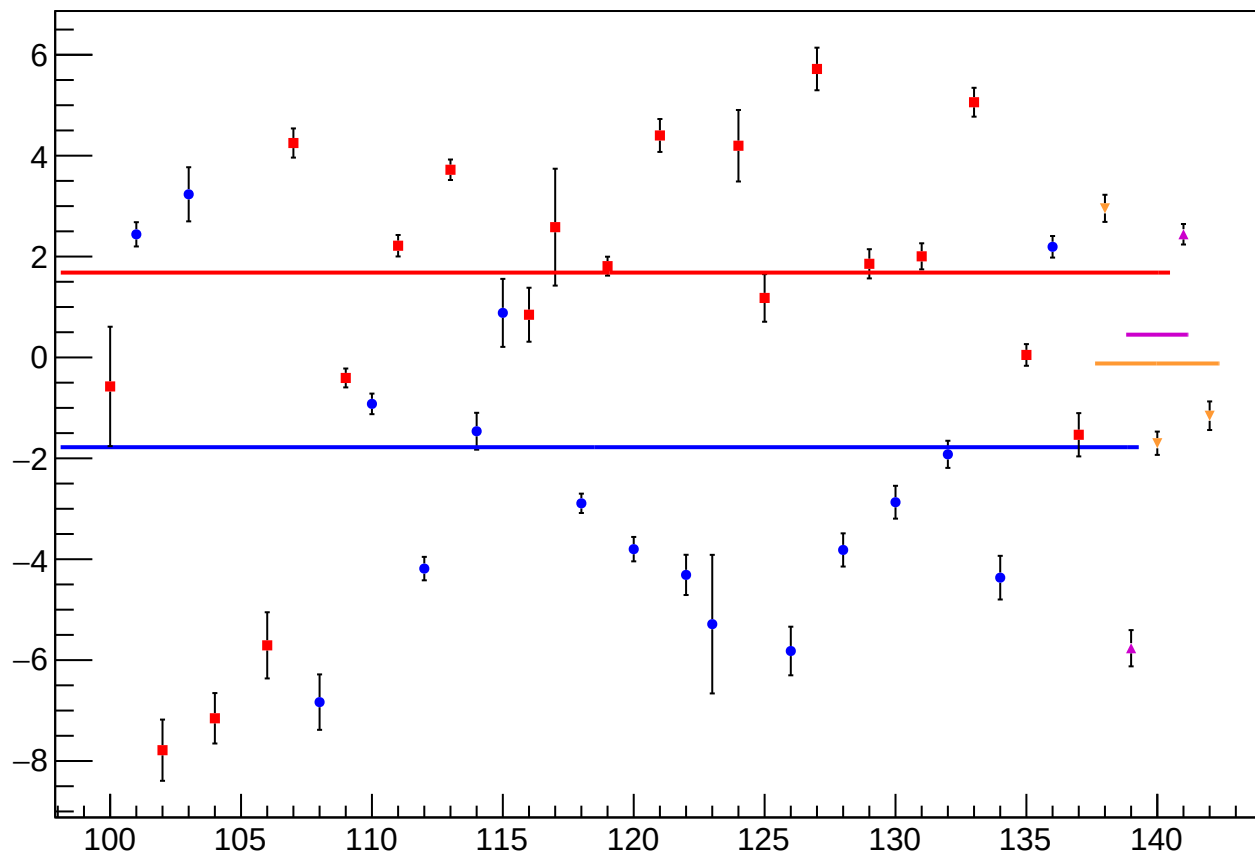
Left In: -9.457 $\pm$ 0.167 χ^2/NDF : 352.0/1

2.539 $\pm$ 0.092 χ^2/NDF : 5887.9/19

0.837 $\pm$ 0.063 χ^2/NDF : 11539.2/41

-0.707 $\pm$ 0.088 χ^2/NDF : 4998.8/21

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.779+/-0.072 χ^2/NDF : 1272.1/16

Left Out: -0.120+/-0.149 χ^2/NDF : 191.0/2

Right Out: 1.682+/-0.068 χ^2/NDF : 1430.2/19

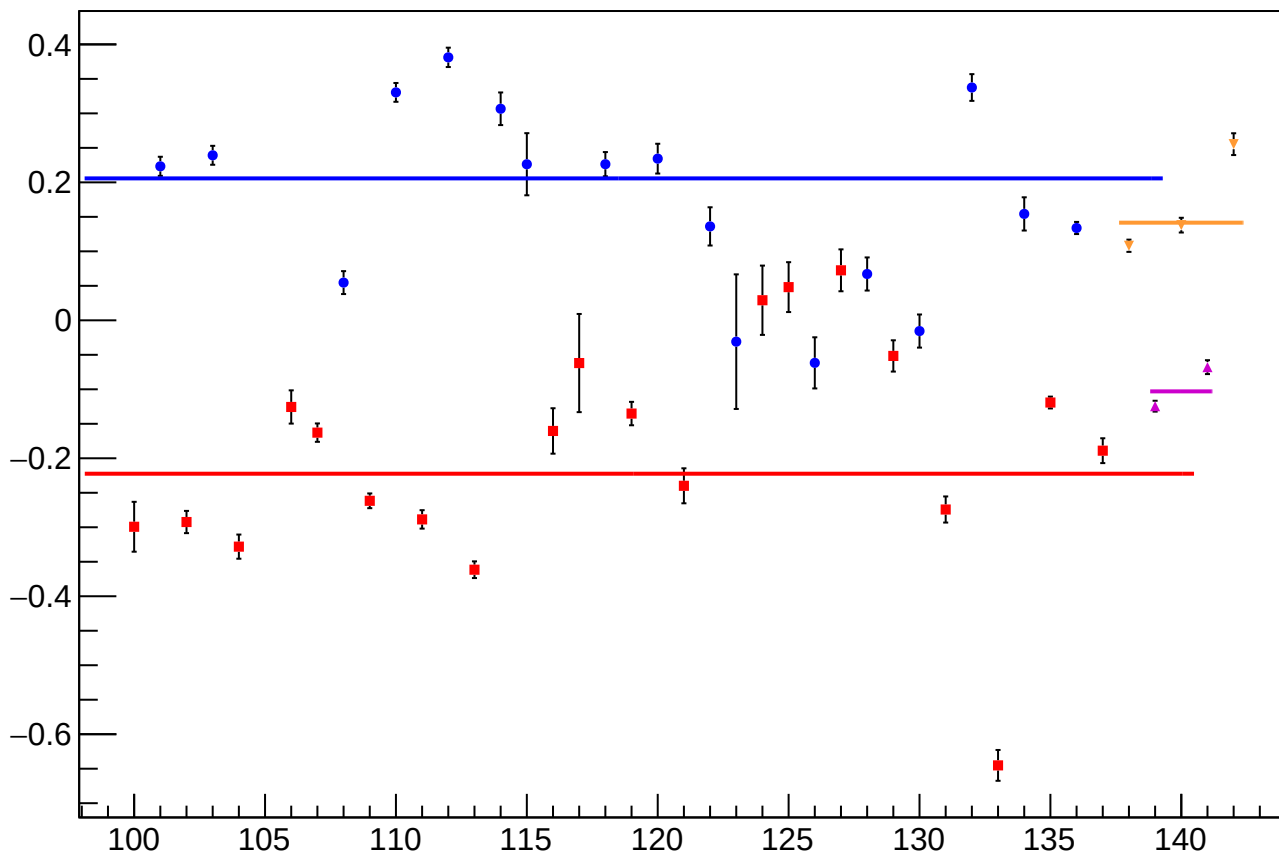
Left In: 0.452+/-0.177 χ^2/NDF : 395.1/1

-1.463+/-0.065 χ^2/NDF : 1563.4/19

0.069+/-0.045 χ^2/NDF : 4513.2/41

1.524+/-0.063 χ^2/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: 0.142 $\pm$ 0.006 χ^2/NDF : 66.3/2

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

0.185 $\pm$ 0.004 χ^2/NDF : 789.9/19

-0.016 $\pm$ 0.002 χ^2/NDF : 8233.0/41

-0.189 $\pm$ 0.003 χ^2/NDF : 1334.8/21