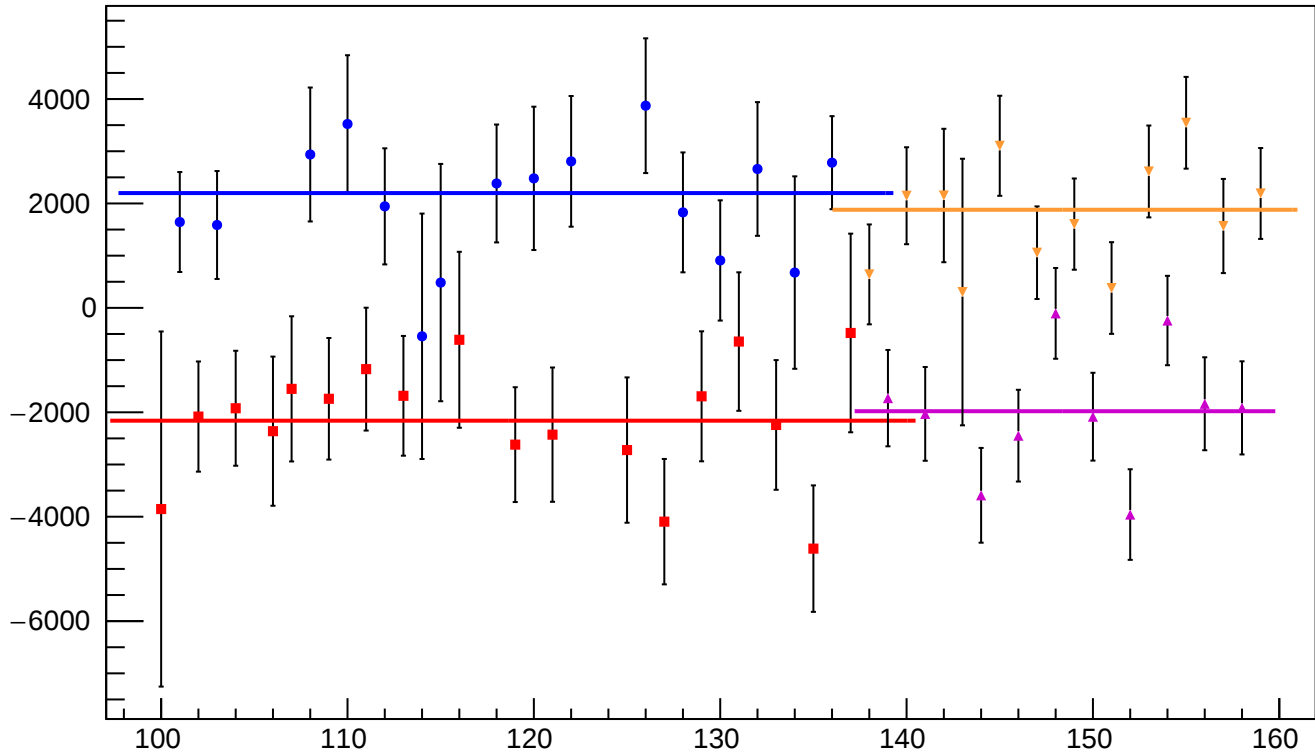


dit_asym_us_avg_mean vs Slug



Right In: 2198.880 $\pm$ 306.767

χ^2/NDF : 8.6/15

+ sign 2022.344 $\pm$ 205.204

χ^2/NDF : 21.4/27

Left Out: 1879.379 $\pm$ 276.061

χ^2/NDF :12.2/11

All: -18.825 $\pm$ 145.141

χ^2/NDF : 248.8/55

Right Out: -2160.742 $\pm$ 303.587

χ^2/NDF : 11.7/17

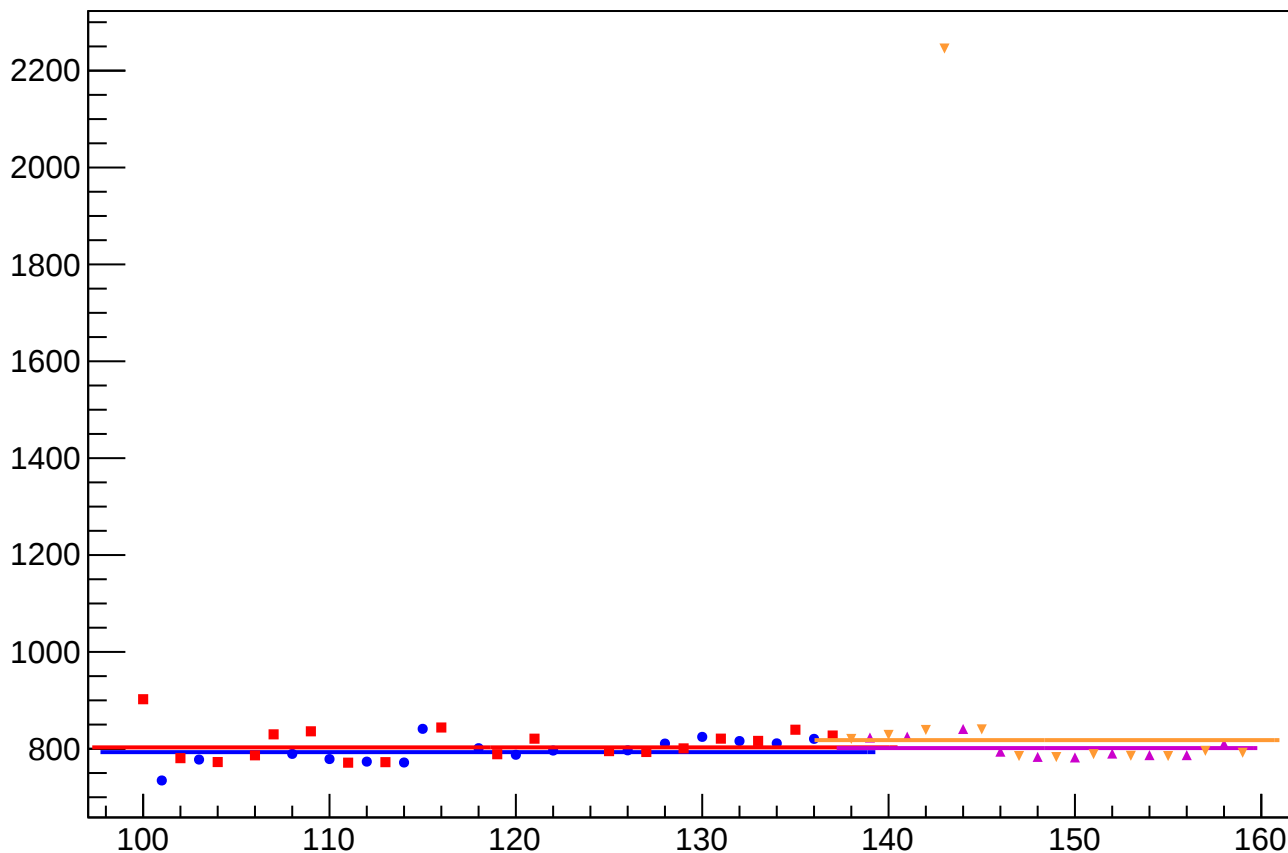
- sign -2062.255 $\pm$ 205.318

χ^2/NDF : 29.4/27

Left In: -1979.236 $\pm$ 278.729

χ^2/NDF :17.5/9

dit_asym_us_avg_rms vs Slug



Right In: 793.091 ± 0.217 χ^2/NDF : 14703.0/15

Left Out: 817.901 ± 0.195 χ^2/NDF : 643976.8/11

Right Out: 802.946 ± 0.215 χ^2/NDF : 14445.6/17

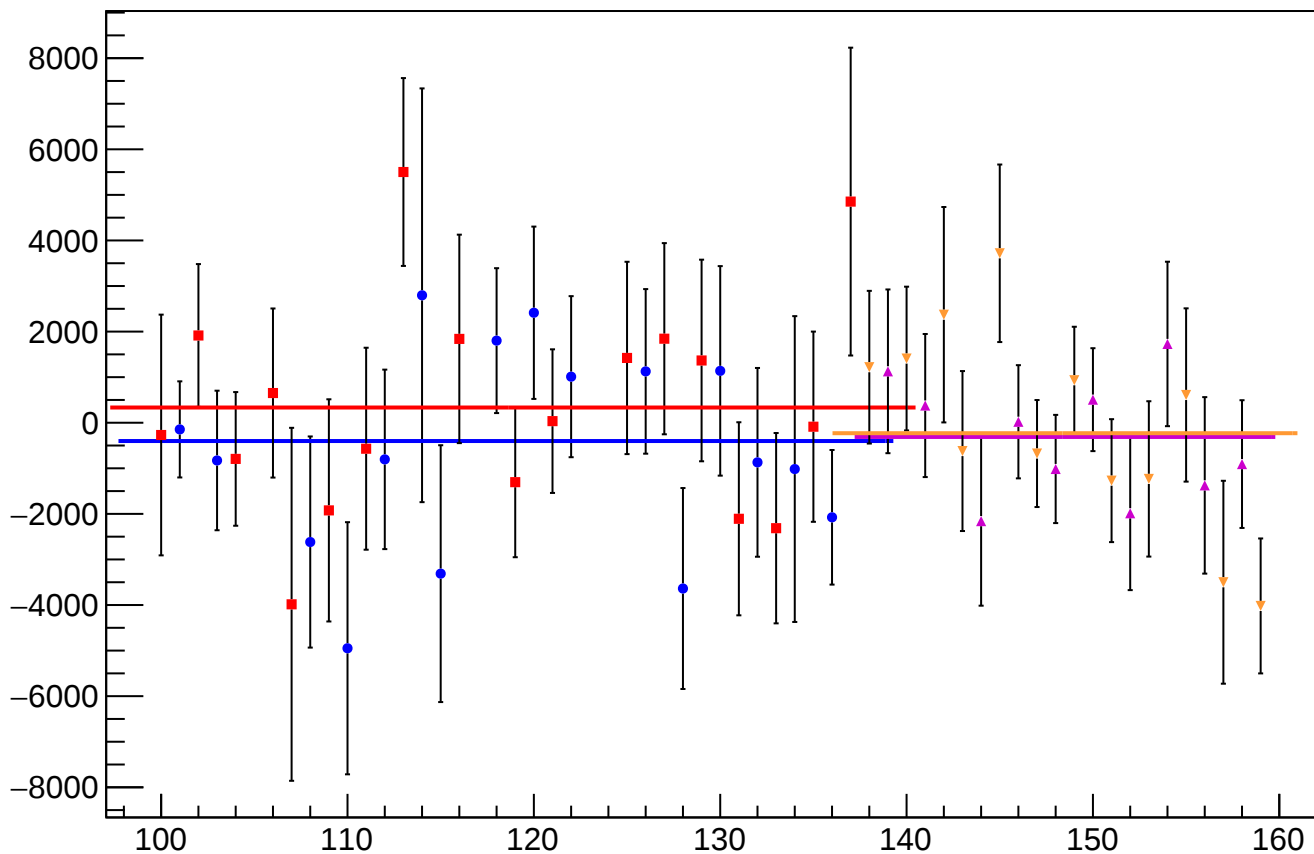
Left In: 801.461 ± 0.197 χ^2/NDF : 9978.9/9

+ sign 806.799 ± 0.145 χ^2/NDF : 665908.0/27

All: 804.471 ± 0.103 χ^2/NDF : 690873.7/55

- sign 802.140 ± 0.145 χ^2/NDF : 24450.5/27

asym_us_avg_correction_mean vs Slug



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

Left Out: -229.702 ± 456.167 χ^2/NDF : 18.2/11

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

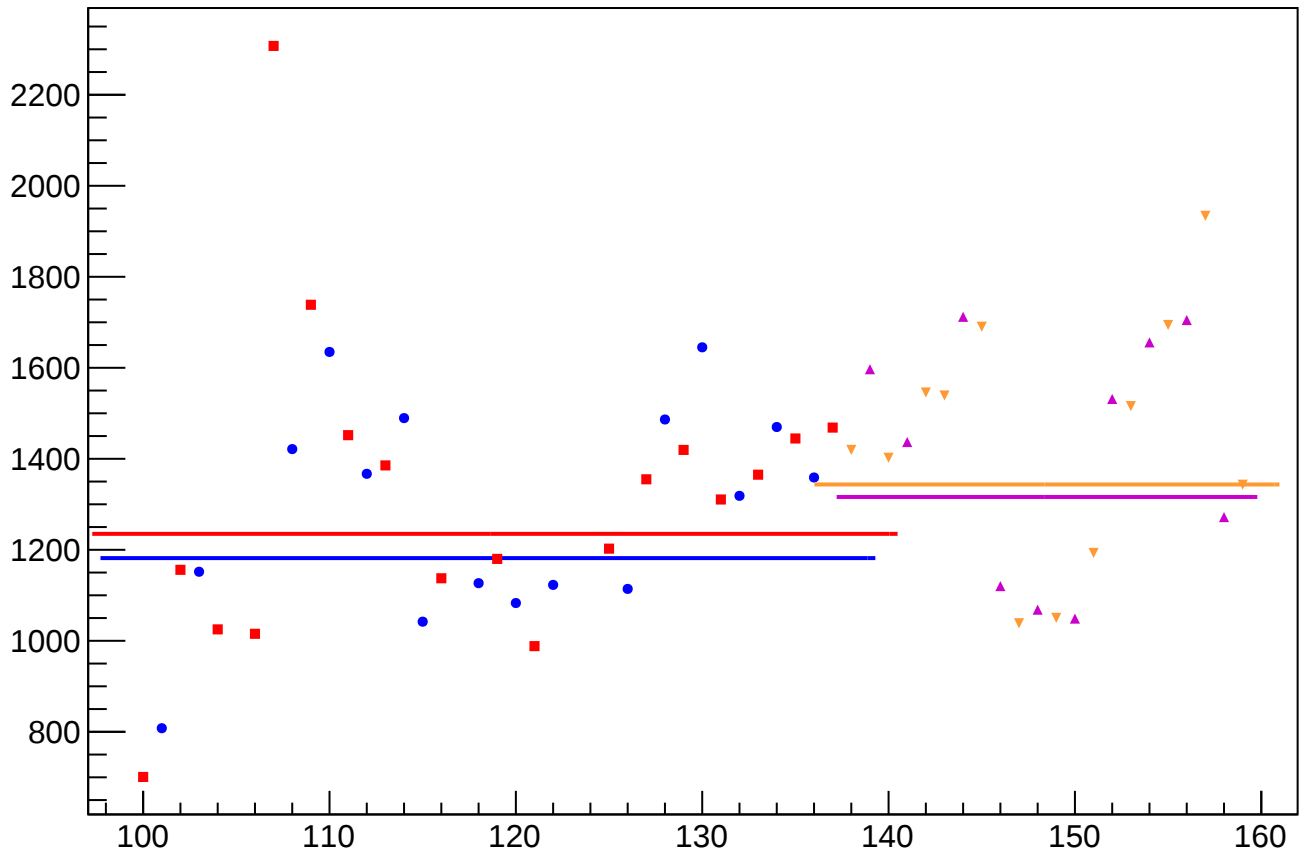
Left In: -311.953 ± 467.139 χ^2/NDF : 5.5/9

+ sign -313.262 ± 326.889 χ^2/NDF : 33.1/27

All: -158.516 ± 233.706 χ^2/NDF : 57.4/55

- sign 3.279 ± 334.253 χ^2/NDF : 23.9/27

asym_us_avg_correction_rms vs Slug



Right In: 1181.767 $\pm$ 0.331 χ^2 /NDF: 543493.3/15

Left Out: 1343.572 $\pm$ 0.323 χ^2 /NDF: 623498.9/11

Right Out: 1235.094 $\pm$ 0.338 χ^2 /NDF: 540252.3/17

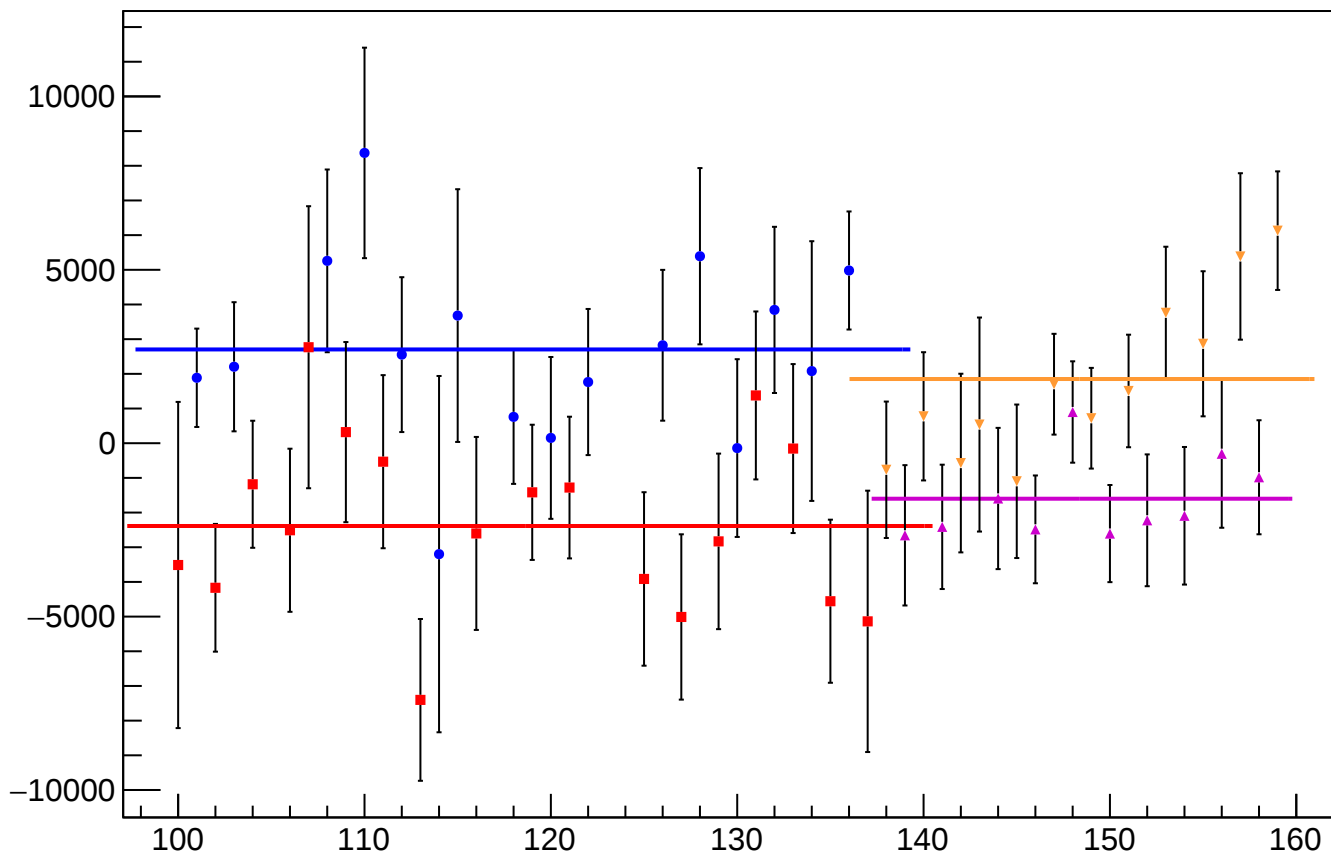
Left In: 1316.096 $\pm$ 0.330 χ^2 /NDF: 586736.0/9

+ sign 1264.856 $\pm$ 0.231 χ^2 /NDF: 1289407.9/27

All: 1270.581 $\pm$ 0.165 χ^2 /NDF: 2446998.2/55

- sign 1276.566 $\pm$ 0.236 χ^2 /NDF: 1156335.7/27

asym_us_avg_mean vs Slug



Right In: 2703.689 $\pm$ 564.506 χ^2 /NDF: 13.0/15

Left Out: 1851.121 $\pm$ 545.690 χ^2 /NDF: 15.3/11

Right Out: -2387.341 $\pm$ 569.264 χ^2 /NDF: 16.1/17

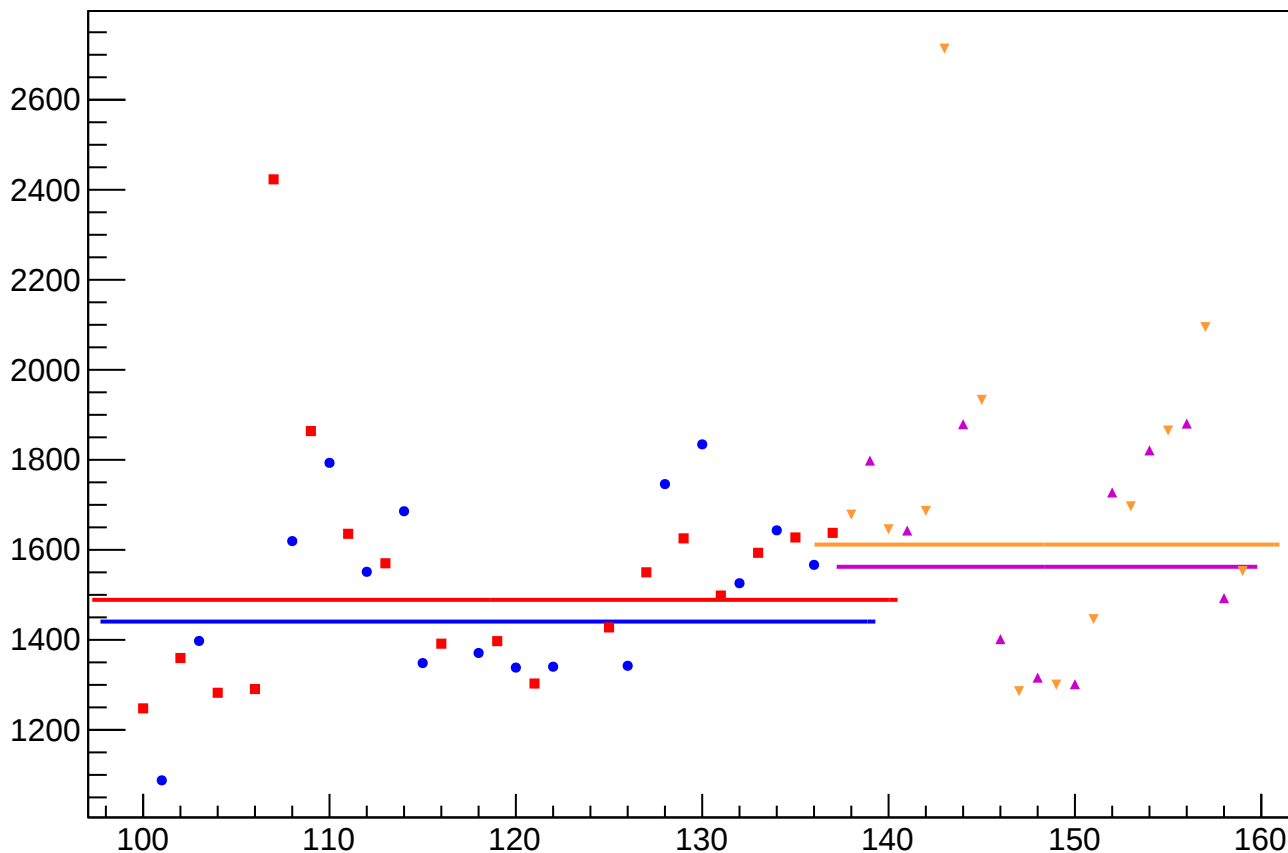
Left In: -1600.788 $\pm$ 549.753 χ^2 /NDF: 4.9/9

+ sign 2262.960 $\pm$ 392.344 χ^2 /NDF: 29.5/27

All: 158.041 $\pm$ 278.522 χ^2 /NDF: 109.5/55

- sign -1980.355 $\pm$ 395.452 χ^2 /NDF: 22.0/27

asym_us_avg_rms vs Slug



Right In: 1440.653+/-0.399 χ^2/NDF : 282262.6/15

Left Out: 1611.709+/-0.386 χ^2/NDF : 631787.5/11

Right Out: 1488.944+/-0.403 χ^2/NDF : 256842.6/17

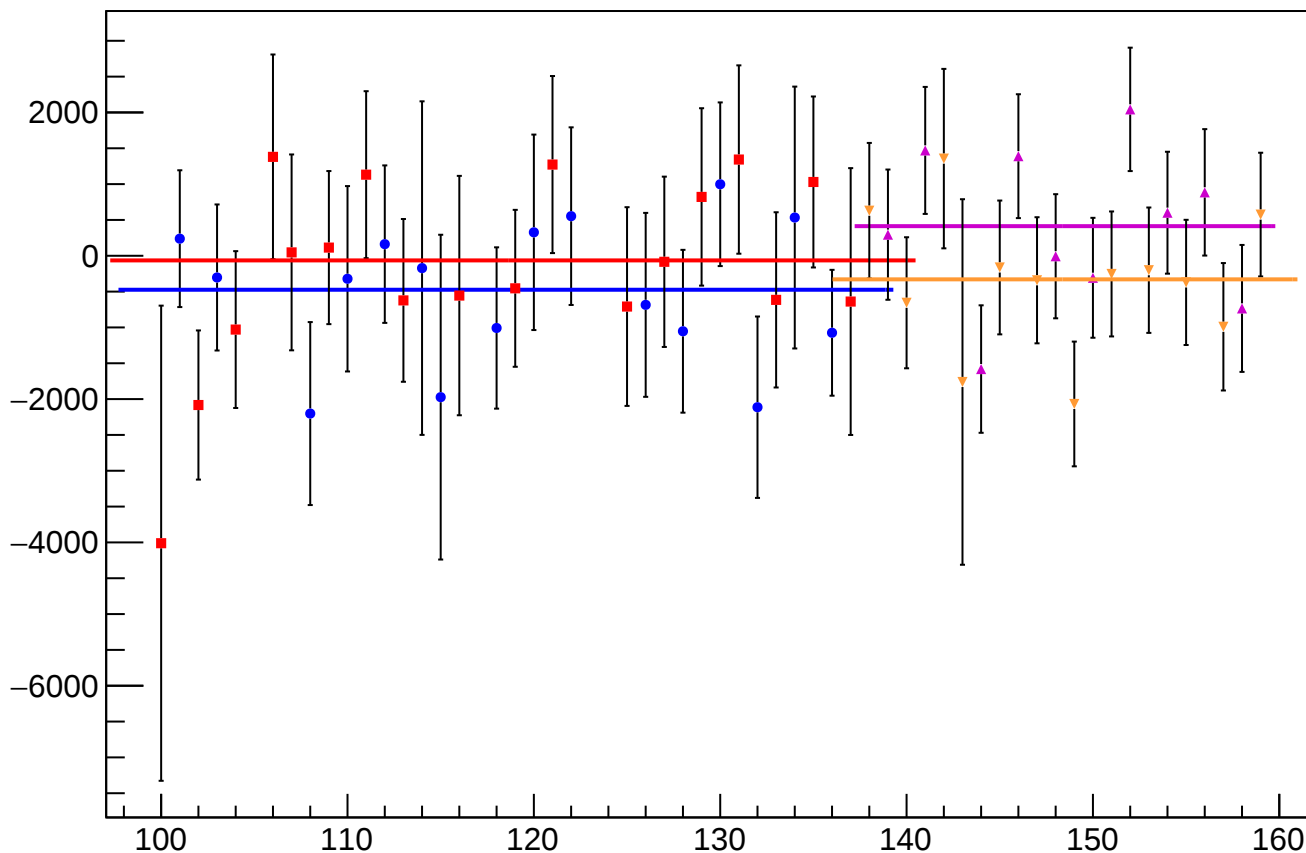
Left In: 1562.379+/-0.389 χ^2/NDF : 324327.5/9

+ sign 1529.079+/-0.277 χ^2/NDF : 1008982.1/27

All: 1528.019+/-0.197 χ^2/NDF : 1607402.7/55

- sign 1526.941+/-0.280 χ^2/NDF : 598391.1/27

dit_asym_us_dd_mean vs Slug



Right In: -474.136 ± 303.914 $\chi^2/\text{NDF}: 8.9/15$

Left Out: -329.121 ± 273.134 $\chi^2/\text{NDF}: 9.0/11$

Right Out: -64.684 ± 298.395 $\chi^2/\text{NDF}: 12.7/17$

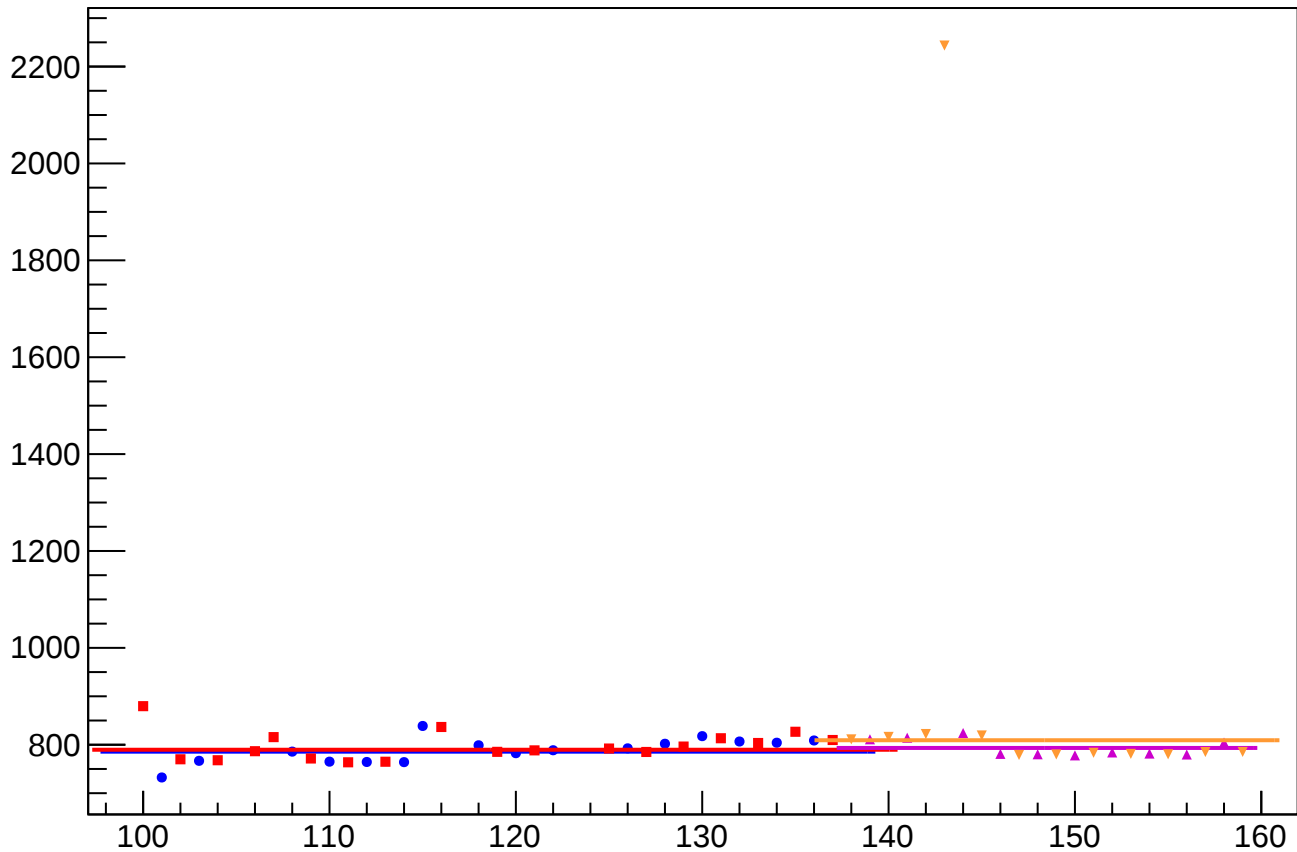
Left In: 413.317 ± 275.876 $\chi^2/\text{NDF}: 14.3/9$

+ sign -393.915 ± 203.148 $\chi^2/\text{NDF}: 18.0/27$

All: -99.602 ± 143.442 $\chi^2/\text{NDF}: 50.6/55$

- sign 193.031 ± 202.568 $\chi^2/\text{NDF}: 28.4/27$

dit_asym_us_dd_rms vs Slug



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

Left Out: 809.300+/-0.193 χ^2/NDF : 646635.2/11

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

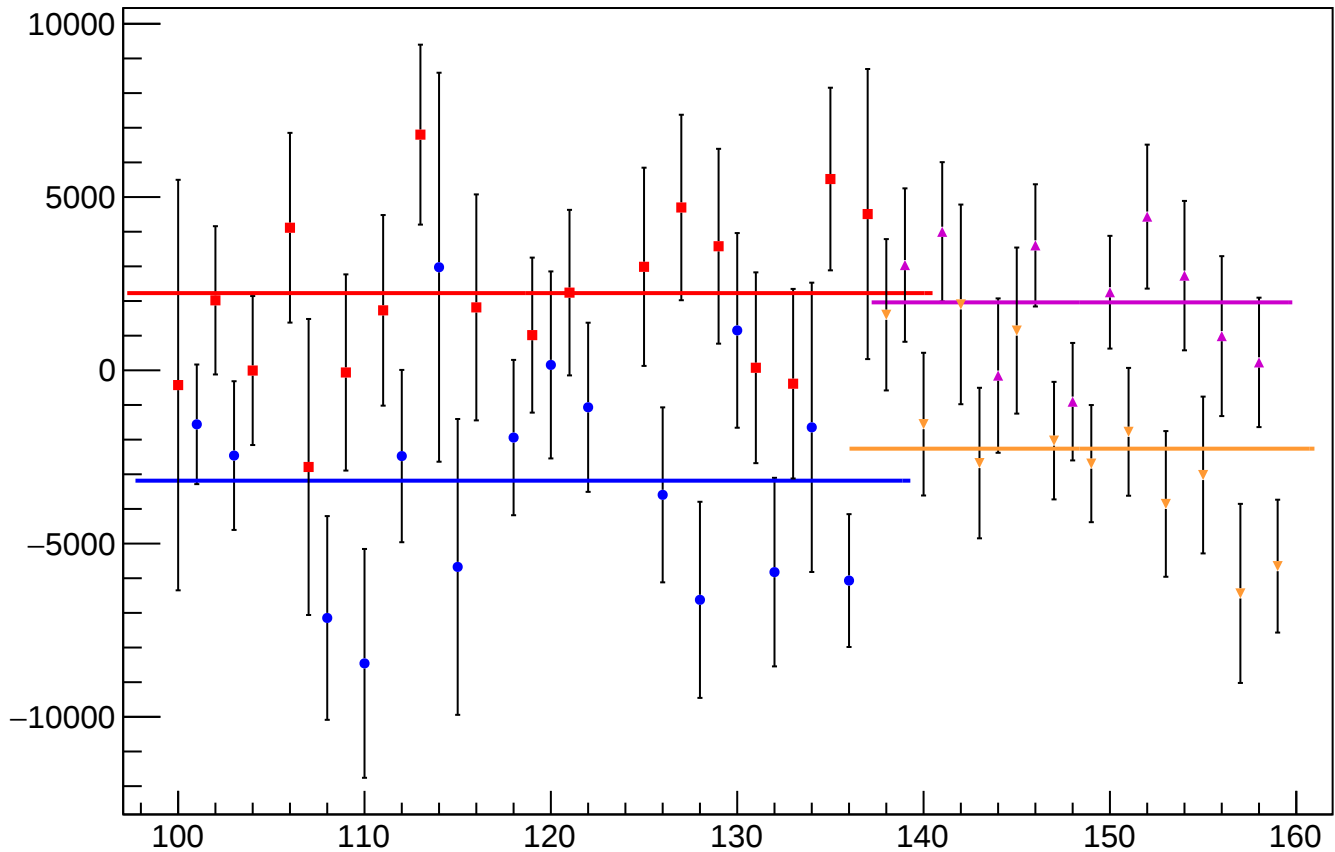
Left In: 793.392+/-0.195 χ^2/NDF : 7204.7/9

+ sign 798.776+/-0.144 χ^2/NDF : 667202.3/27

All: 795.217+/-0.101 χ^2/NDF : 686808.2/55

- sign 791.679+/-0.143 χ^2/NDF : 18382.0/27

asym_us_dd_correction_mean vs Slug



Right In: -3184.522 ± 647.361 χ^2/NDF : 16.8/15

Left Out: -2260.996 ± 598.980 χ^2/NDF : 14.0/11

Right Out: 2228.093 ± 648.044 χ^2/NDF : 11.8/17

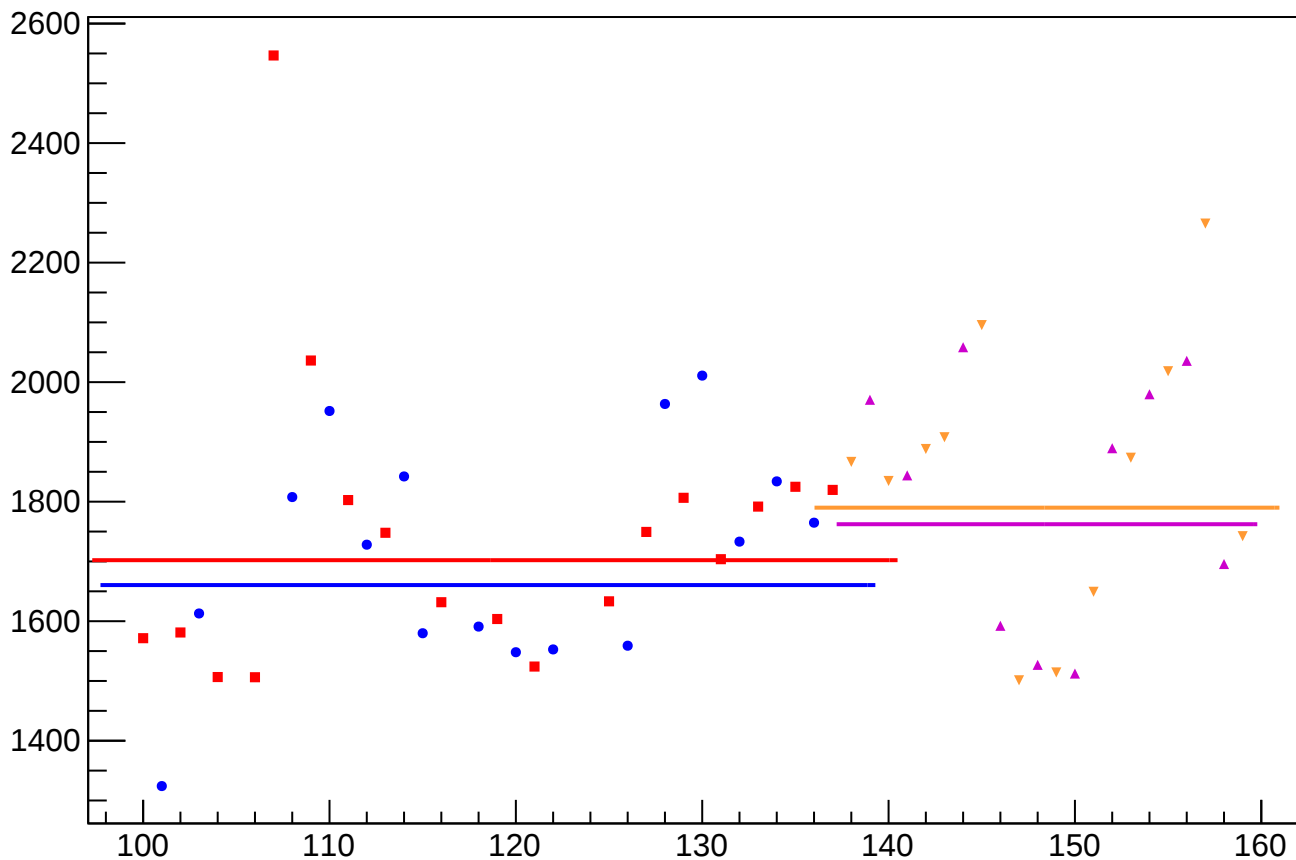
Left In: 1960.948 ± 617.596 χ^2/NDF : 8.5/9

+ sign -2686.963 ± 439.653 χ^2/NDF : 31.9/27

All: -339.440 ± 313.476 χ^2/NDF : 110.3/55

- sign 2088.098 ± 447.083 χ^2/NDF : 20.4/27

asym_us_dd_correction_rms vs Slug



Right In: 1660.462 $\pm$ 0.458 χ^2 /NDF: 179206.0/15

Left Out: 1789.974 $\pm$ 0.424 χ^2 /NDF: 259433.3/11

Right Out: 1702.098 $\pm$ 0.458 χ^2 /NDF: 172008.4/17

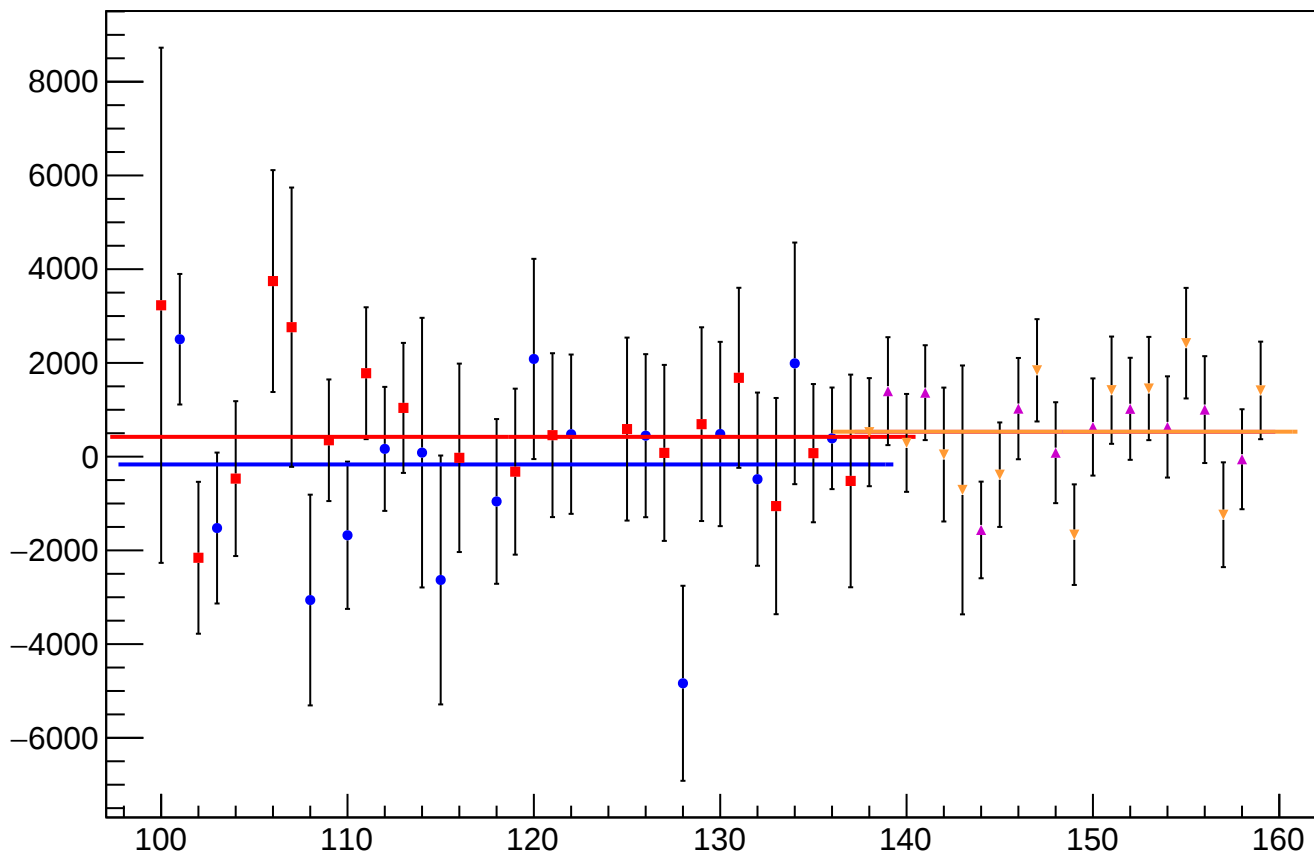
Left In: 1762.281 $\pm$ 0.437 χ^2 /NDF: 219094.5/9

+ sign 1730.238 $\pm$ 0.311 χ^2 /NDF: 481767.0/27

All: 1731.909 $\pm$ 0.222 χ^2 /NDF: 881968.0/55

- sign 1733.637 $\pm$ 0.316 χ^2 /NDF: 400142.2/27

asym_us_dd_mean vs Slug



Right In: -166.359 ± 432.680 χ^2/NDF : 15.6/15

Left Out: 532.489 ± 336.313 χ^2/NDF : 13.8/11

Right Out: 422.359 ± 427.321 χ^2/NDF : 8.2/17

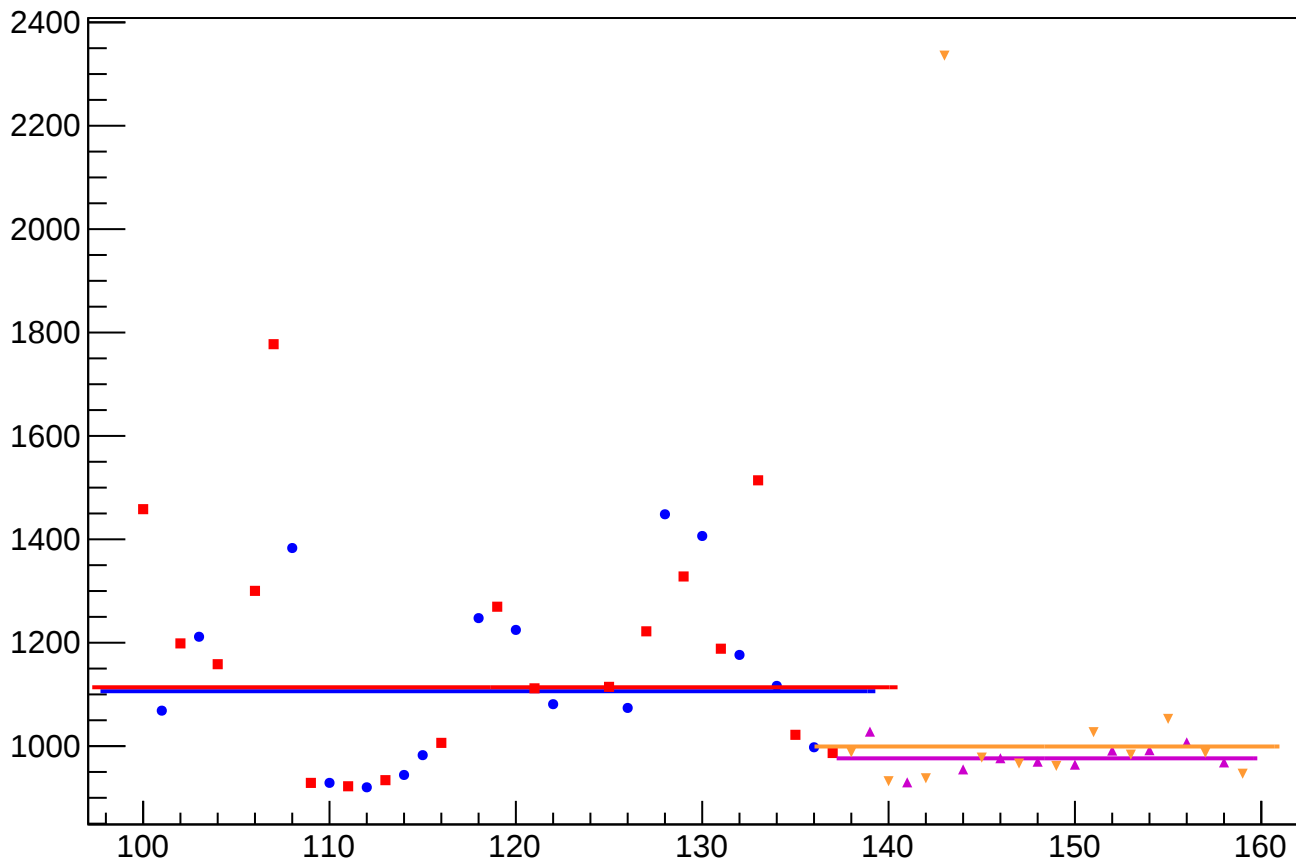
Left In: 528.553 ± 339.633 χ^2/NDF : 6.5/9

+ sign 269.287 ± 265.534 χ^2/NDF : 31.0/27

All: 378.221 ± 187.884 χ^2/NDF : 46.0/55

- sign 487.441 ± 265.882 χ^2/NDF : 14.6/27

asym_us_dd_rms vs Slug



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

Left Out: 999.255+/-0.238 χ^2/NDF : 534751.8/11

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

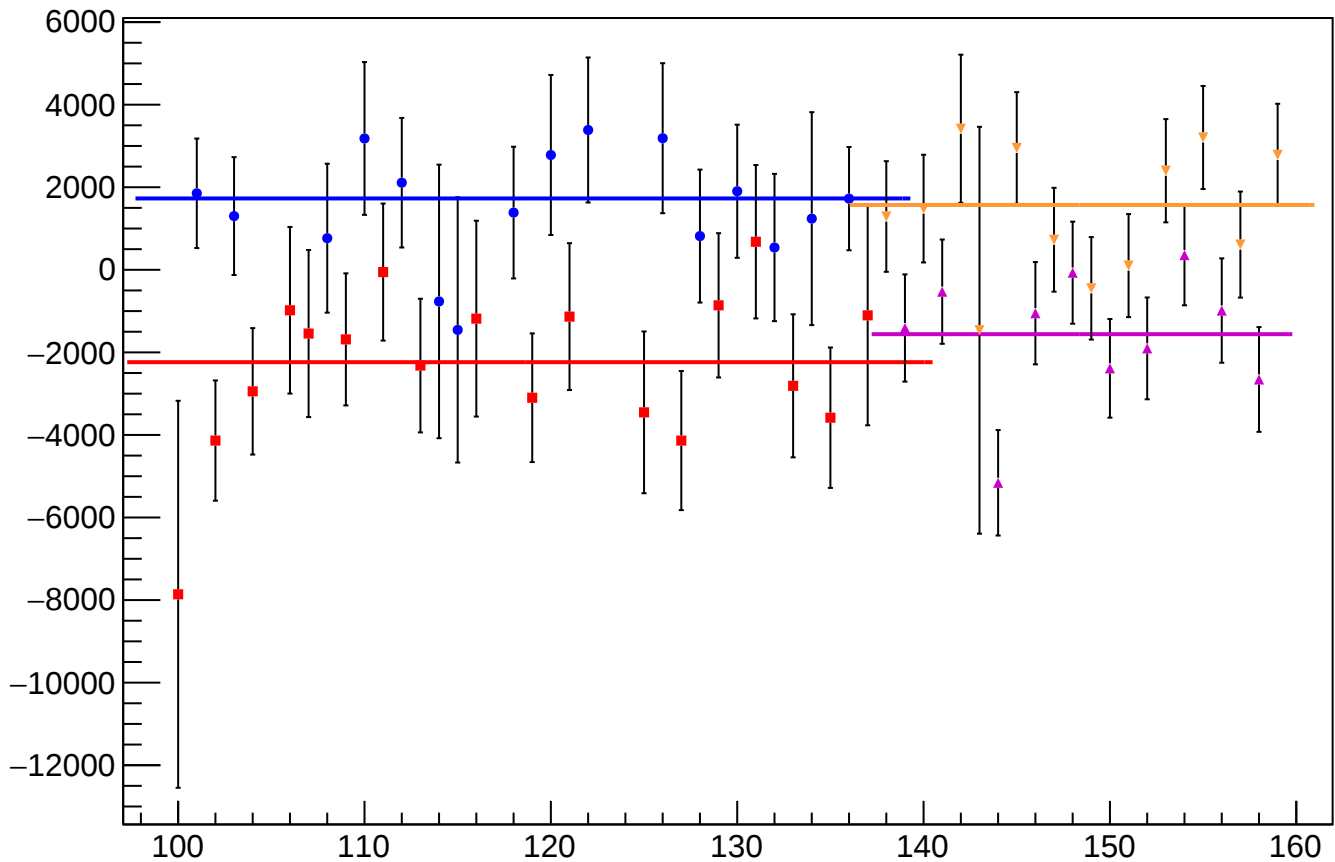
Left In: 976.341+/-0.240 χ^2/NDF : 11824.9/9

+ sign 1039.518+/-0.188 χ^2/NDF : 870777.8/27

All: 1034.548+/-0.133 χ^2/NDF : 1375169.6/55

- sign 1029.565+/-0.188 χ^2/NDF : 502988.8/27

dit_asym_usl_mean vs Slug



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

Left Out: 1570.929 $\pm$ 391.995 χ^2 /NDF:10.7/11

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

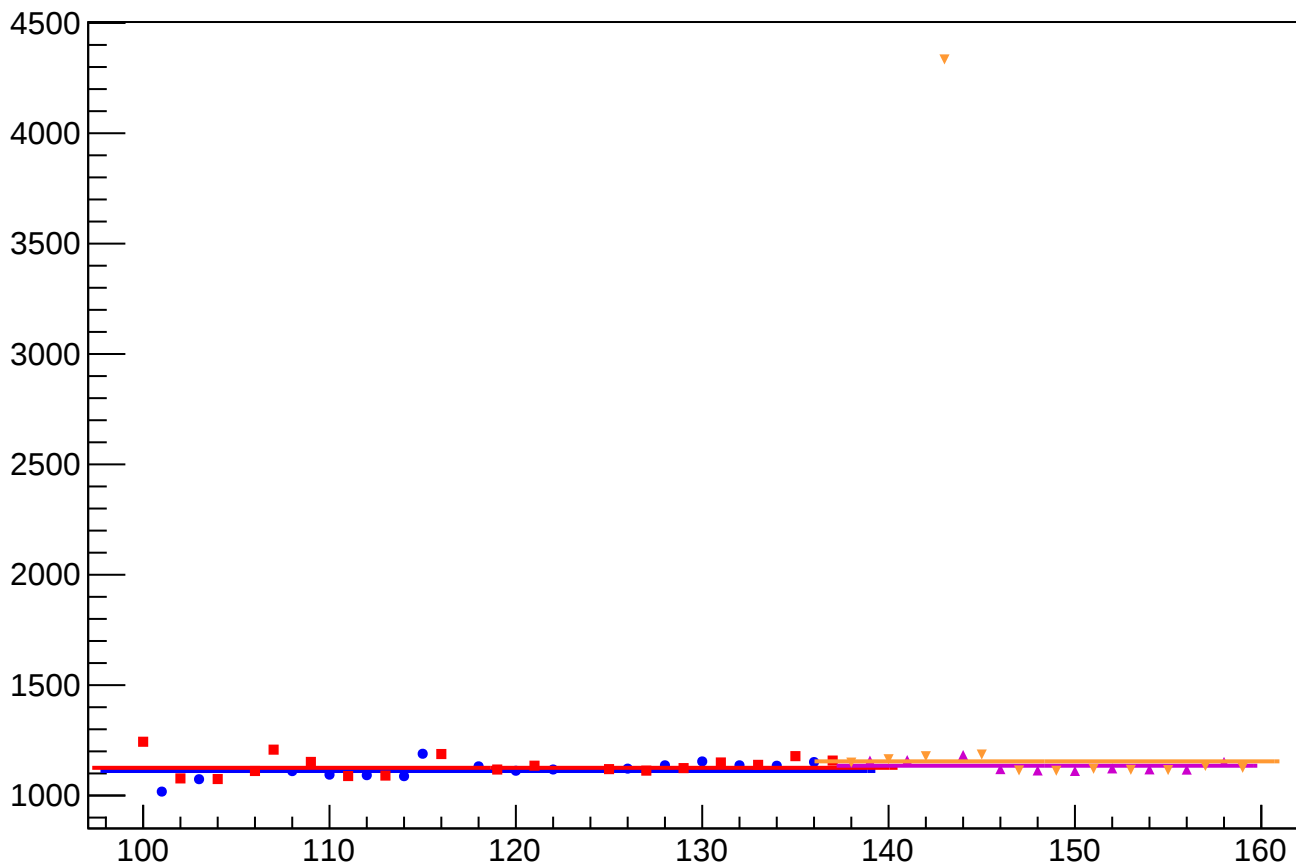
Left In: -1559.248 $\pm$ 394.669 χ^2 /NDF:14.2/9

+ sign 1642.464 $\pm$ 289.628 χ^2 /NDF: 16.1/27

All: -116.997 $\pm$ 204.698 χ^2 /NDF: 117.6/55

- sign -1873.032 $\pm$ 289.346 χ^2 /NDF: 27.9/27

dit_asym_usl_rms vs Slug



Right In: 1111.042 ± 0.304 χ^2/NDF : 18091.1/15

Left Out: 1154.792 ± 0.277 χ^2/NDF : 845705.3/11

Right Out: 1125.496 ± 0.301 χ^2/NDF : 15880.9/17

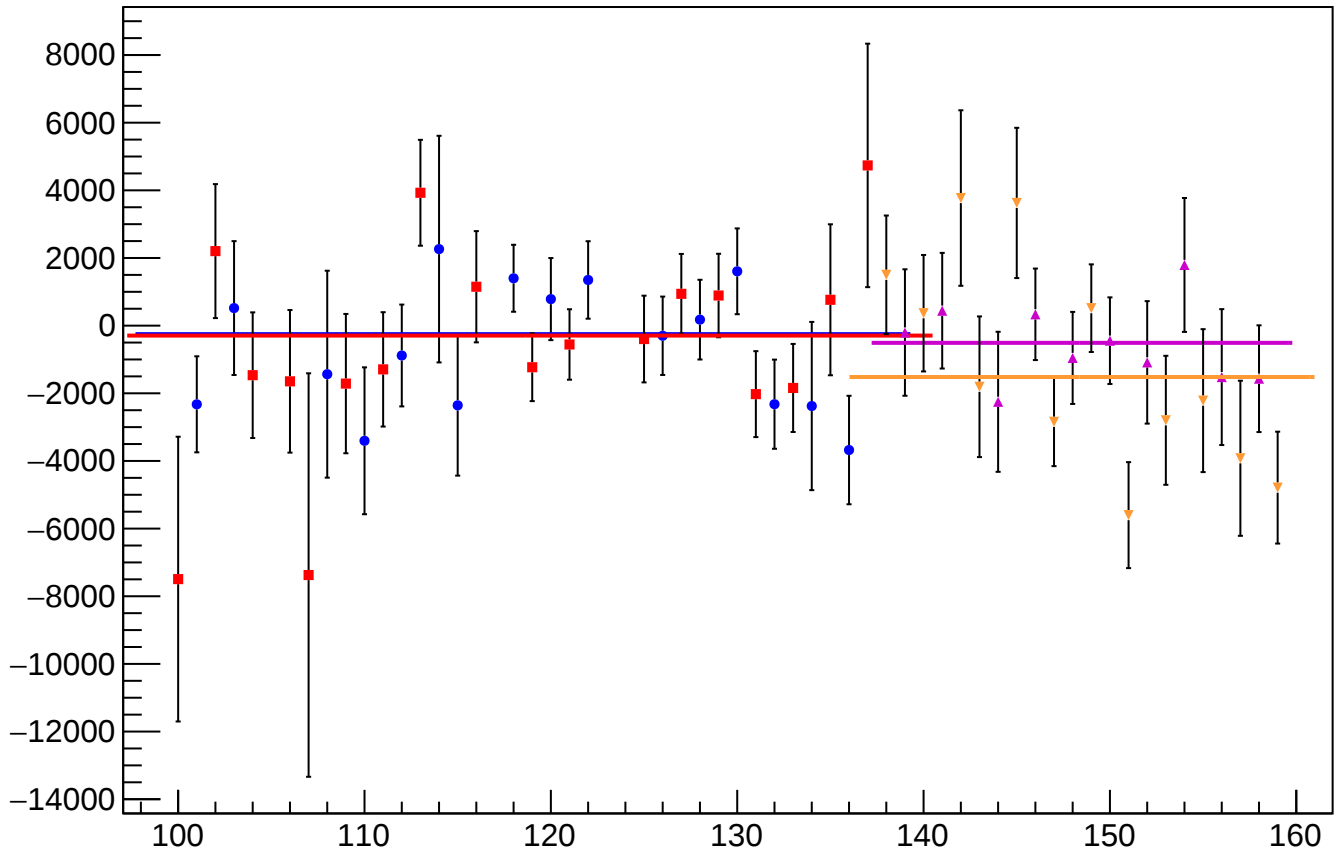
Left In: 1134.939 ± 0.279 χ^2/NDF : 7369.0/9

+ sign 1134.925 ± 0.205 χ^2/NDF : 875108.7/27

All: 1132.746 ± 0.145 χ^2/NDF : 899114.4/55

- sign 1130.571 ± 0.205 χ^2/NDF : 23779.4/27

asym_usl_correction_mean vs Slug



Right In: -251.327 ± 364.951 χ^2/NDF : 21.8/15

Left Out: -1518.716 ± 507.264 χ^2/NDF : 29.6/11

Right Out: -293.658 ± 362.490 χ^2/NDF : 24.0/17

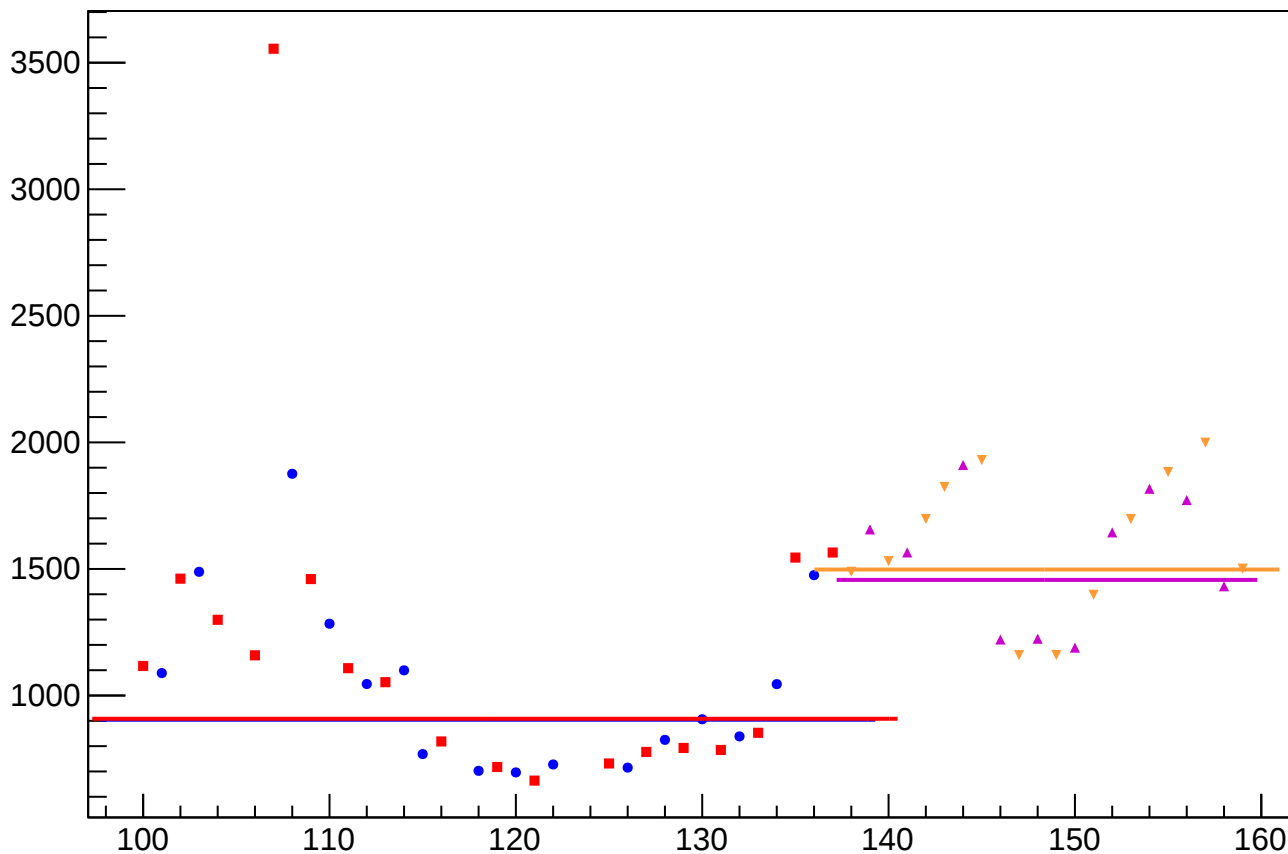
Left In: -508.450 ± 515.123 χ^2/NDF : 3.7/9

+ sign -683.593 ± 296.247 χ^2/NDF : 55.5/27

All: -524.302 ± 209.549 χ^2/NDF : 83.9/55

- sign -364.795 ± 296.448 χ^2/NDF : 27.8/27

asym_usl_correction_rms vs Slug



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

Left Out: 1497.752+/-0.359 χ^2/NDF : 598863.9/11

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

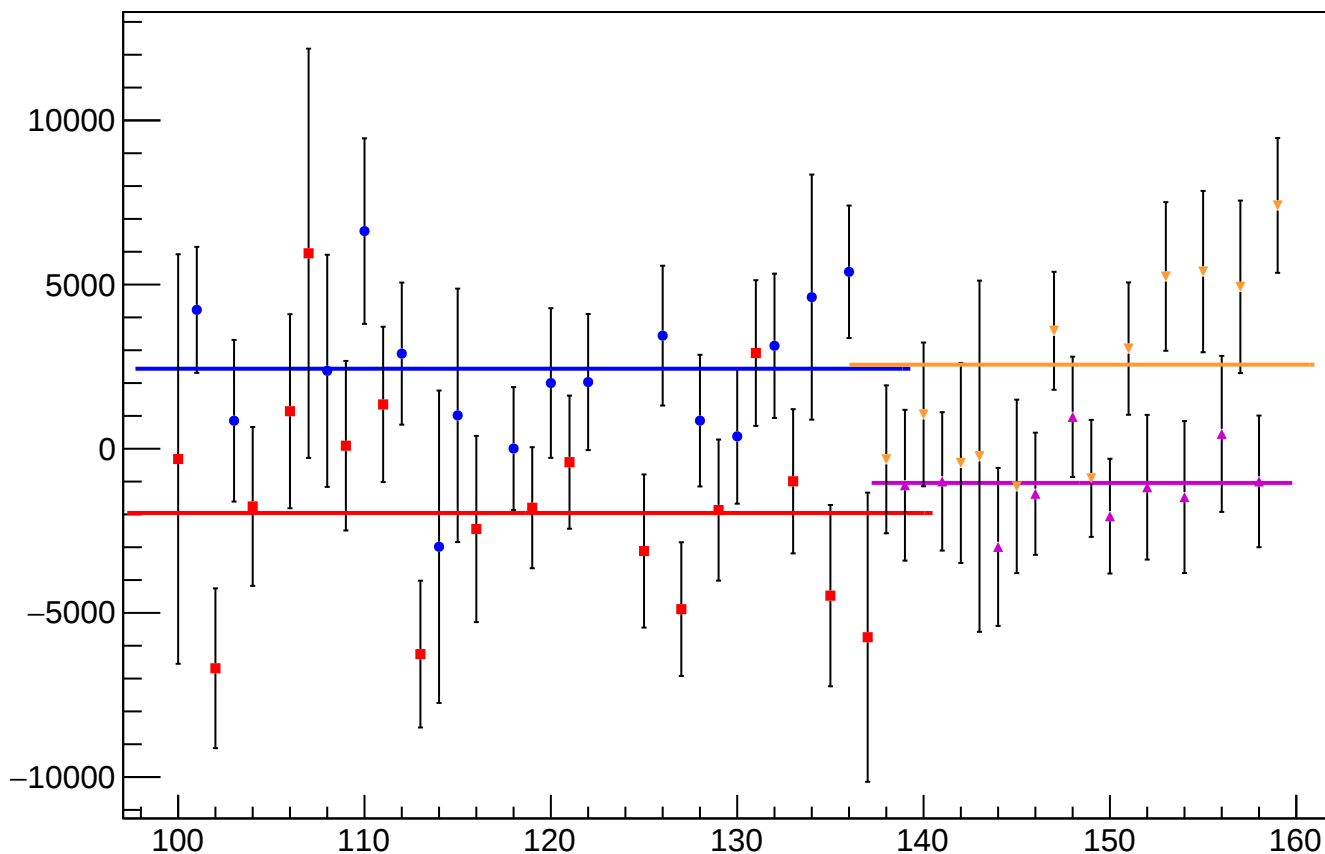
Left In: 1456.748+/-0.364 χ^2/NDF : 470885.4/9

+ sign 1106.832+/-0.209 χ^2/NDF : 3422556.4/27

All: 1098.342+/-0.148 χ^2/NDF : 6794863.7/55

- sign 1089.841+/-0.210 χ^2/NDF : 3369020.0/27

asym_usl_mean vs Slug



Right In: 2437.510 ± 586.231 χ^2/NDF : 11.2/15

Left Out: 2561.477 ± 658.526 χ^2/NDF : 18.6/11

Right Out: -1955.910 ± 584.085 χ^2/NDF : 22.4/17

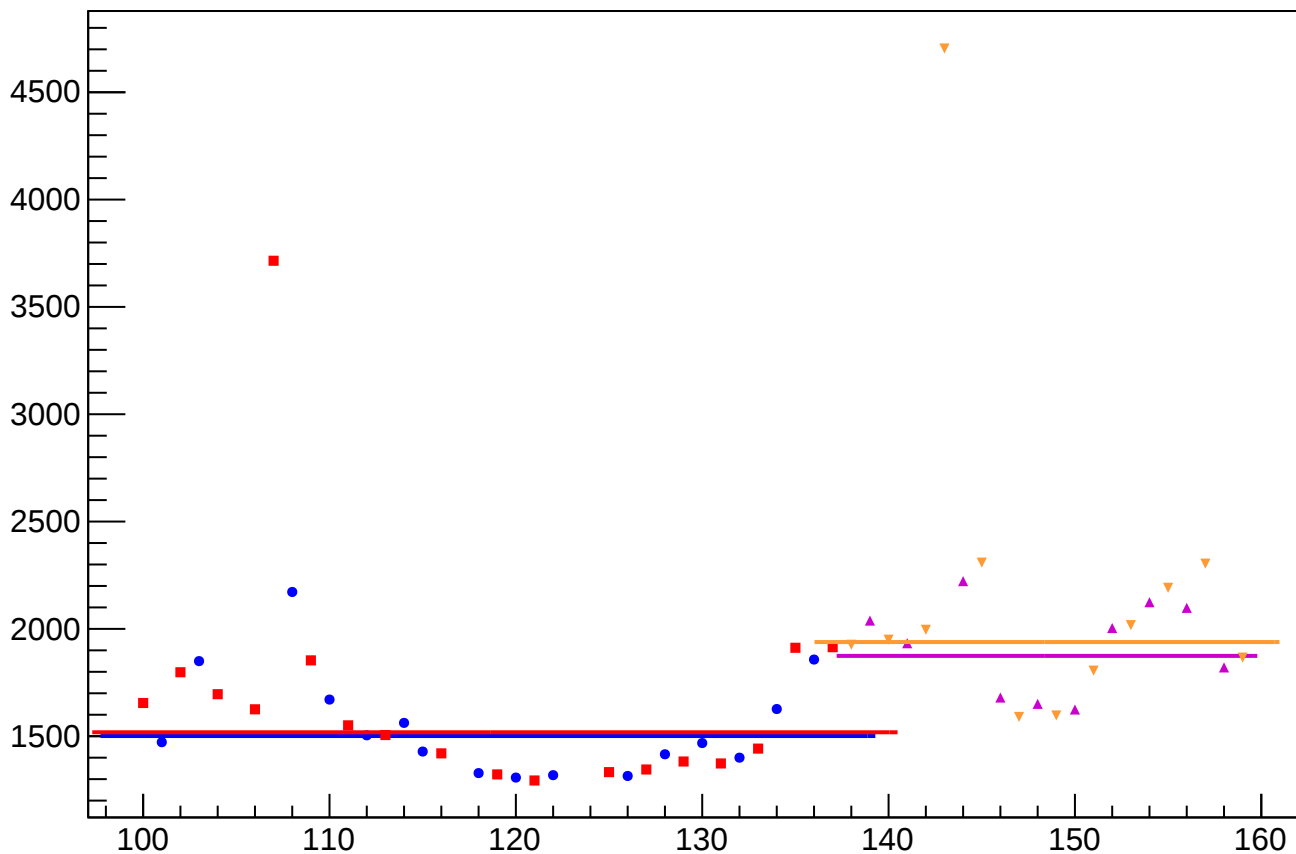
Left In: -1040.483 ± 656.509 χ^2/NDF : 2.7/9

+ sign 2492.318 ± 437.866 χ^2/NDF : 29.8/27

All: 463.551 ± 309.091 χ^2/NDF : 98.7/55

- sign -1551.456 ± 436.378 χ^2/NDF : 26.1/27

asym_usl_rms vs Slug



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

Left Out: 1938.656+/-0.466 χ^2/NDF : 797290.1/11

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

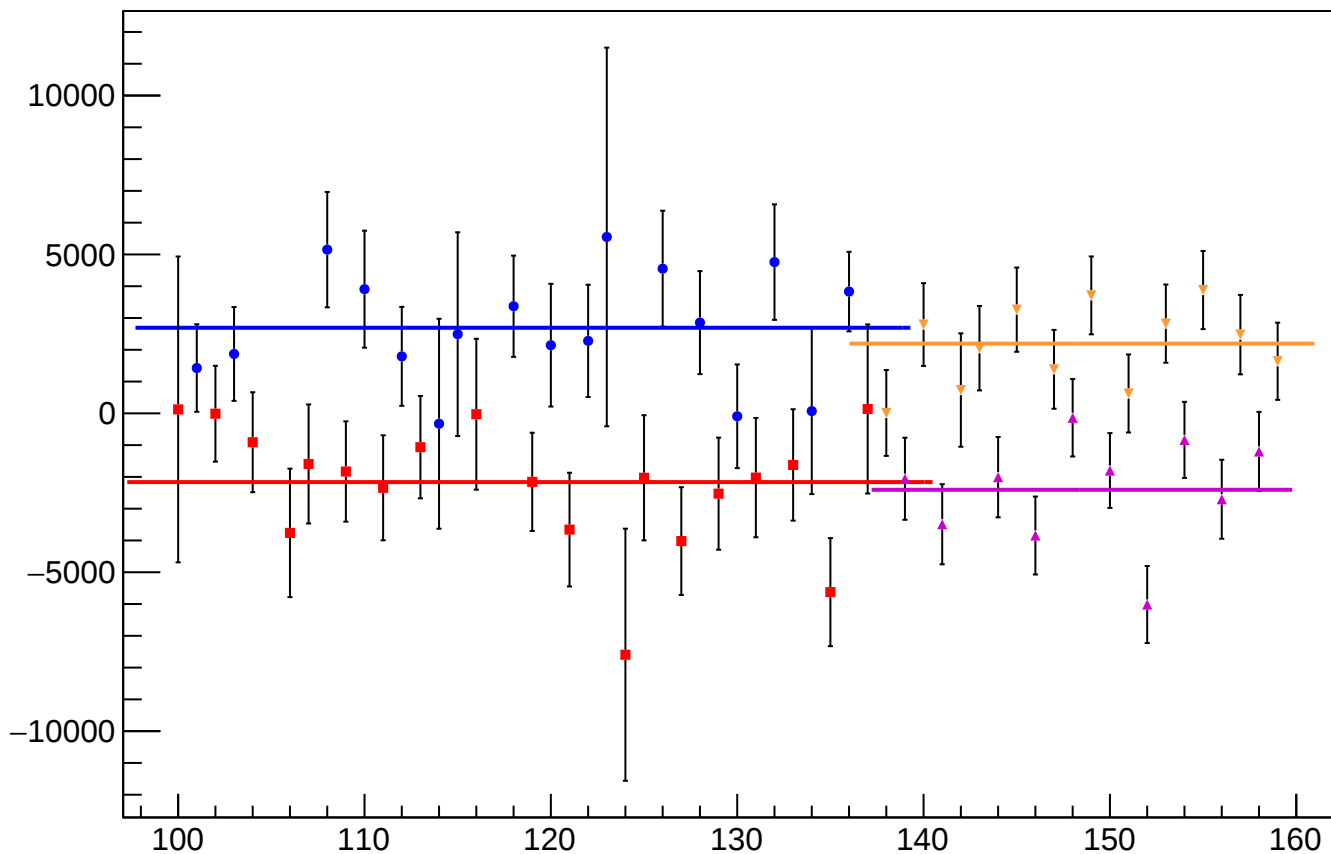
Left In: 1874.193+/-0.464 χ^2/NDF : 195534.8/9

+ sign 1694.399+/-0.310 χ^2/NDF : 1546728.4/27

All: 1684.945+/-0.219 χ^2/NDF : 2548149.5/55

- sign 1675.555+/-0.309 χ^2/NDF : 999562.7/27

dit_asym_usr_mean vs Slug



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

Left Out: 2194.446 $\pm$ 372.469 χ^2/NDF : 10.1/11

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

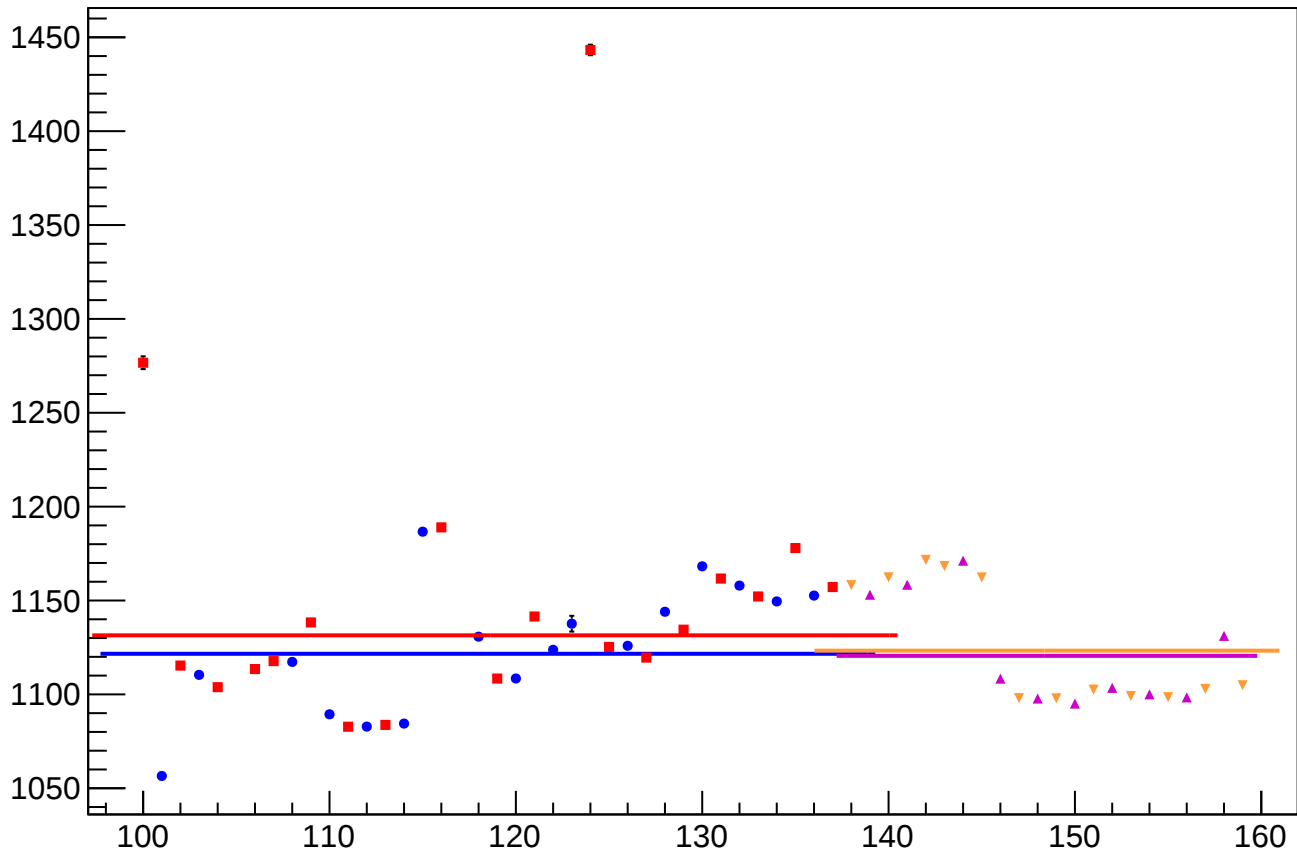
Left In: -2404.956 $\pm$ 389.661 χ^2/NDF : 17.6/9

+ sign 2406.683 $\pm$ 282.265 χ^2/NDF : 23.2/28

All: 94.062 $\pm$ 201.190 χ^2/NDF : 191.1/57

- sign -2294.162 $\pm$ 286.842 χ^2/NDF : 31.5/28

dit_asym_usr_rms vs Slug



Right In: 1121.626 $\pm$ 0.306 χ^2 /NDF: 11980.2/16

Left Out: 1123.292 $\pm$ 0.263 χ^2 /NDF:13471.0/11

Right Out: 1131.451 $\pm$ 0.300 χ^2 /NDF: 23111.7/18

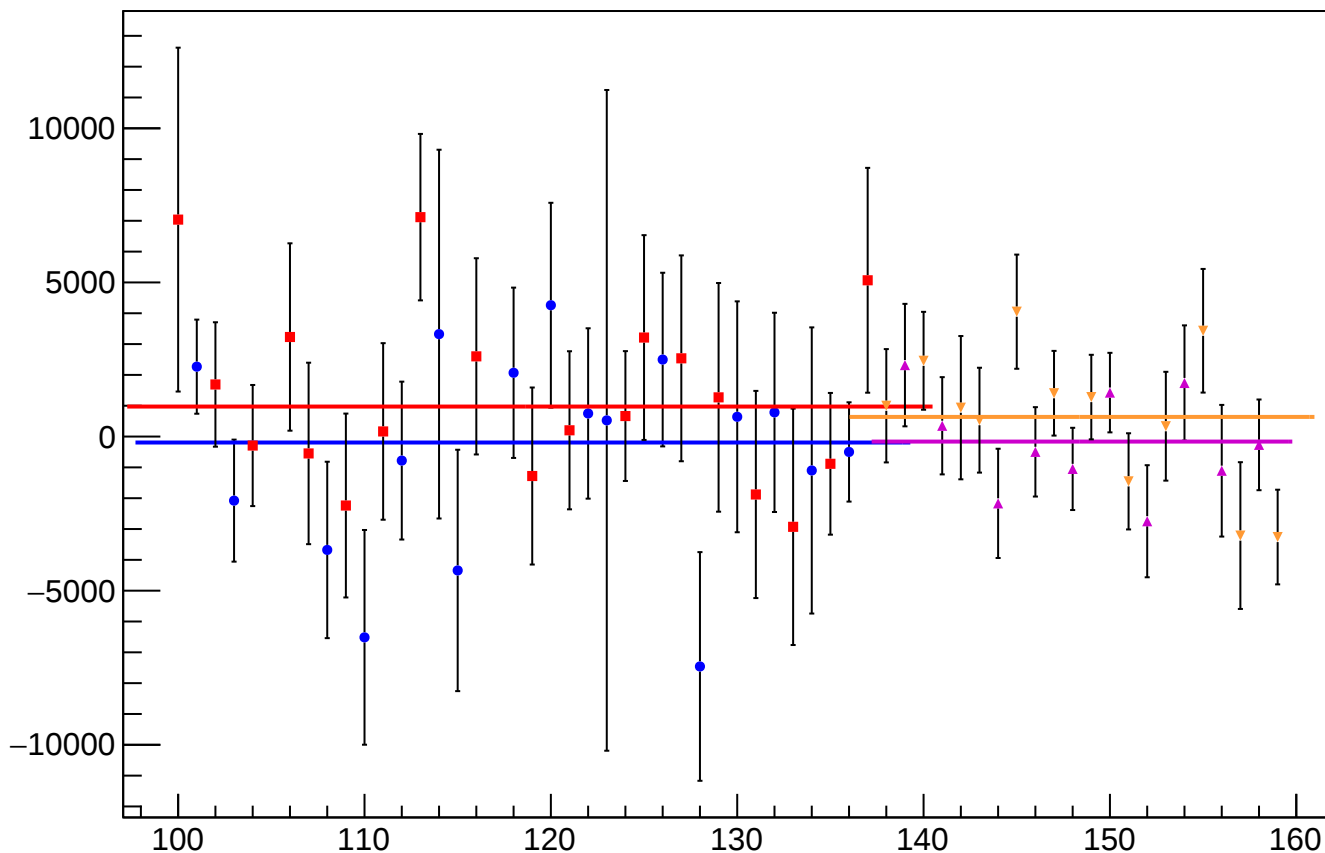
Left In: 1120.525 $\pm$ 0.276 χ^2 /NDF:9881.9/9

+ sign 1122.583 $\pm$ 0.200 χ^2 /NDF: 25468.3/28

All: 1124.033 $\pm$ 0.142 χ^2 /NDF: 59289.7/57

- sign 1125.530 $\pm$ 0.203 χ^2 /NDF: 33714.1/28

asym_usr_correction_mean vs Slug



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

Left Out: 637.217 ± 490.437 χ^2/NDF : 18.1/11

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

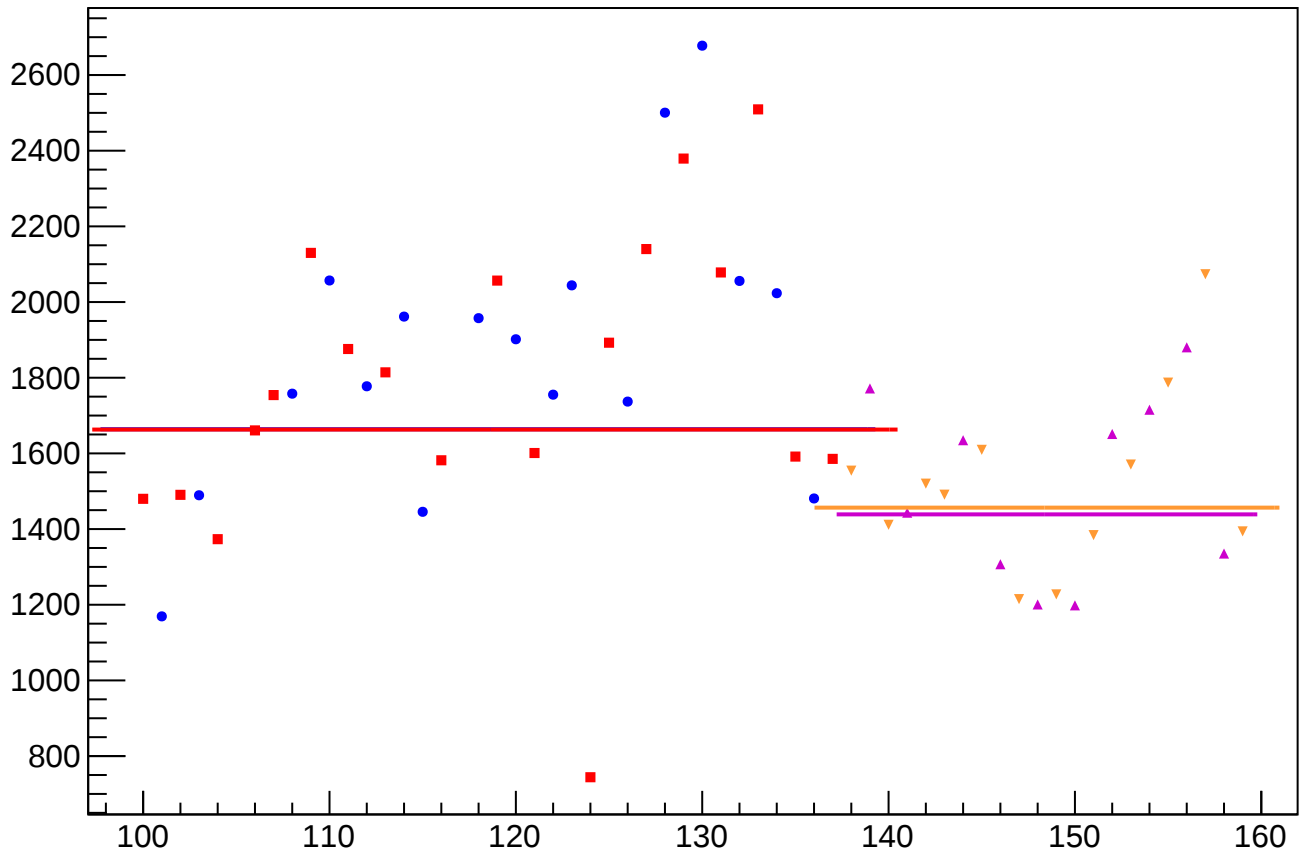
Left In: -163.009 ± 507.532 χ^2/NDF : 8.2/9

+ sign 341.961 ± 393.728 χ^2/NDF : 36.5/28

All: 307.167 ± 280.208 χ^2/NDF : 60.9/57

- sign 271.460 ± 398.869 χ^2/NDF : 24.4/28

asym_usr_correction_rms vs Slug



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

Left Out: 1456.666 $\pm$ 0.347 χ^2 /NDF: 345652.7/11

+ sign 1530.294 $\pm$ 0.278 χ^2 /NDF: 1094928.0/28

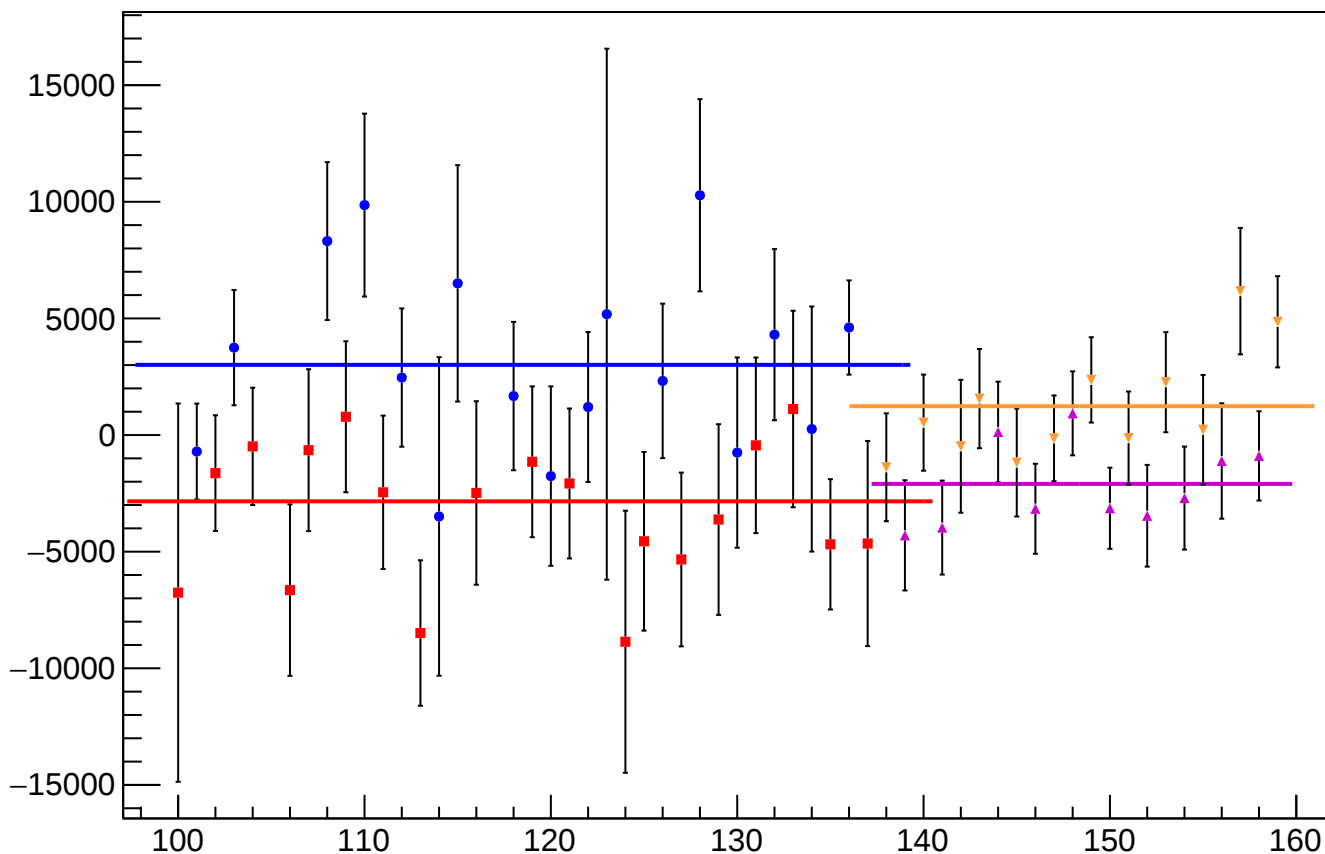
Right Out: 1662.985 $\pm$ 0.456 χ^2 /NDF: 804974.2/18

All: 1527.454 $\pm$ 0.198 χ^2 /NDF: 2446085.3/57

- sign 1524.540 $\pm$ 0.282 χ^2 /NDF: 1350946.5/28

Left In: 1438.832 $\pm$ 0.359 χ^2 /NDF: 396806.3/9

asym_usr_mean vs Slug



Right In: 3009.190 $\pm$ 799.647 χ^2 /NDF: 17.4/16

Left Out: 1236.409 $\pm$ 620.747 χ^2 /NDF: 11.4/11

Right Out: -2842.013 $\pm$ 795.731 χ^2 /NDF: 11.4/18

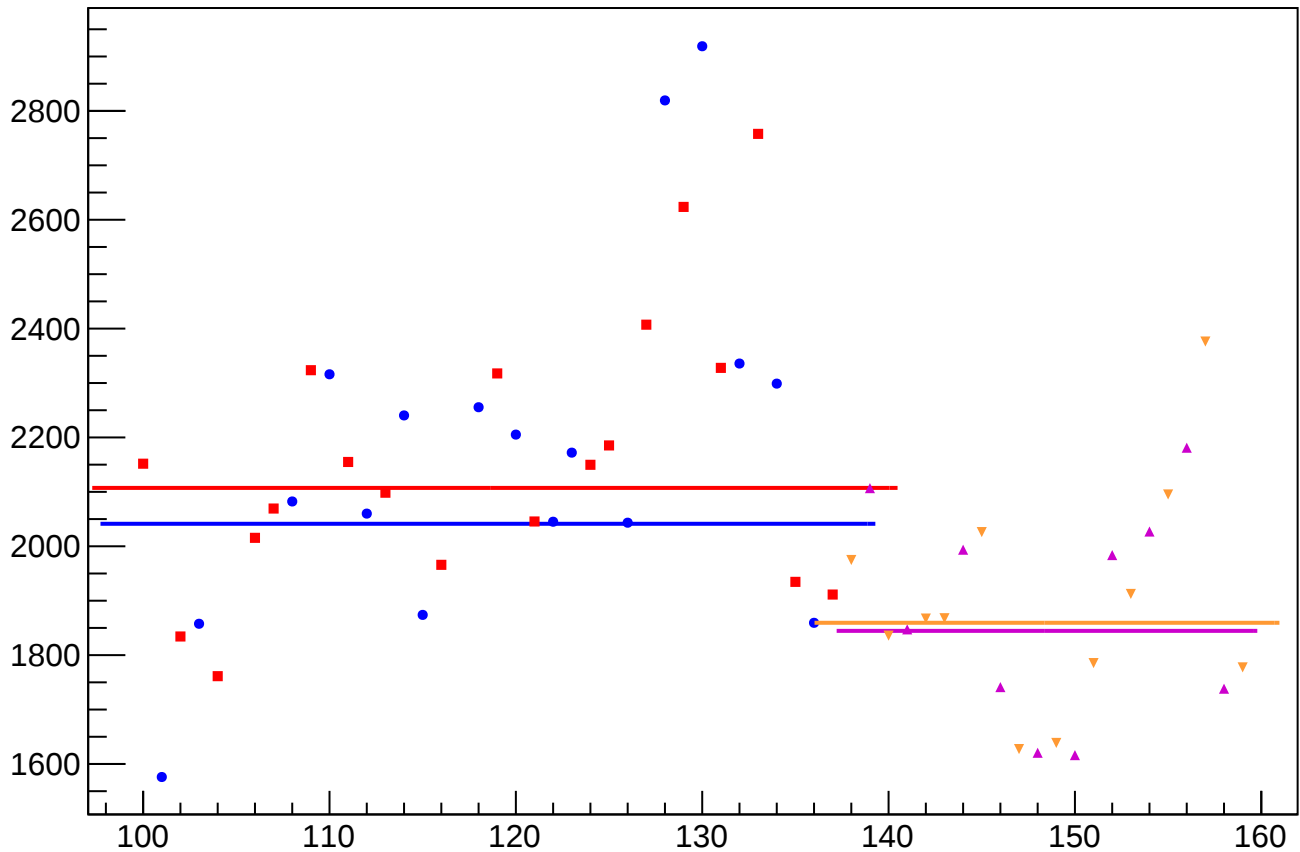
Left In: -2094.250 $\pm$ 645.428 χ^2 /NDF: 7.3/9

+ sign 1903.002 $\pm$ 490.344 χ^2 /NDF: 31.9/28

All: -196.703 $\pm$ 350.523 χ^2 /NDF: 88.7/57

- sign -2390.984 $\pm$ 501.266 χ^2 /NDF: 19.3/28

asym_usr_rms vs Slug



Right In: 2041.348 $\pm$ 0.565 χ^2 /NDF: 338436.8/16

Left Out: 1859.445 $\pm$ 0.439 χ^2 /NDF: 177051.4/11

Right Out: 2107.277 $\pm$ 0.563 χ^2 /NDF: 196781.3/18

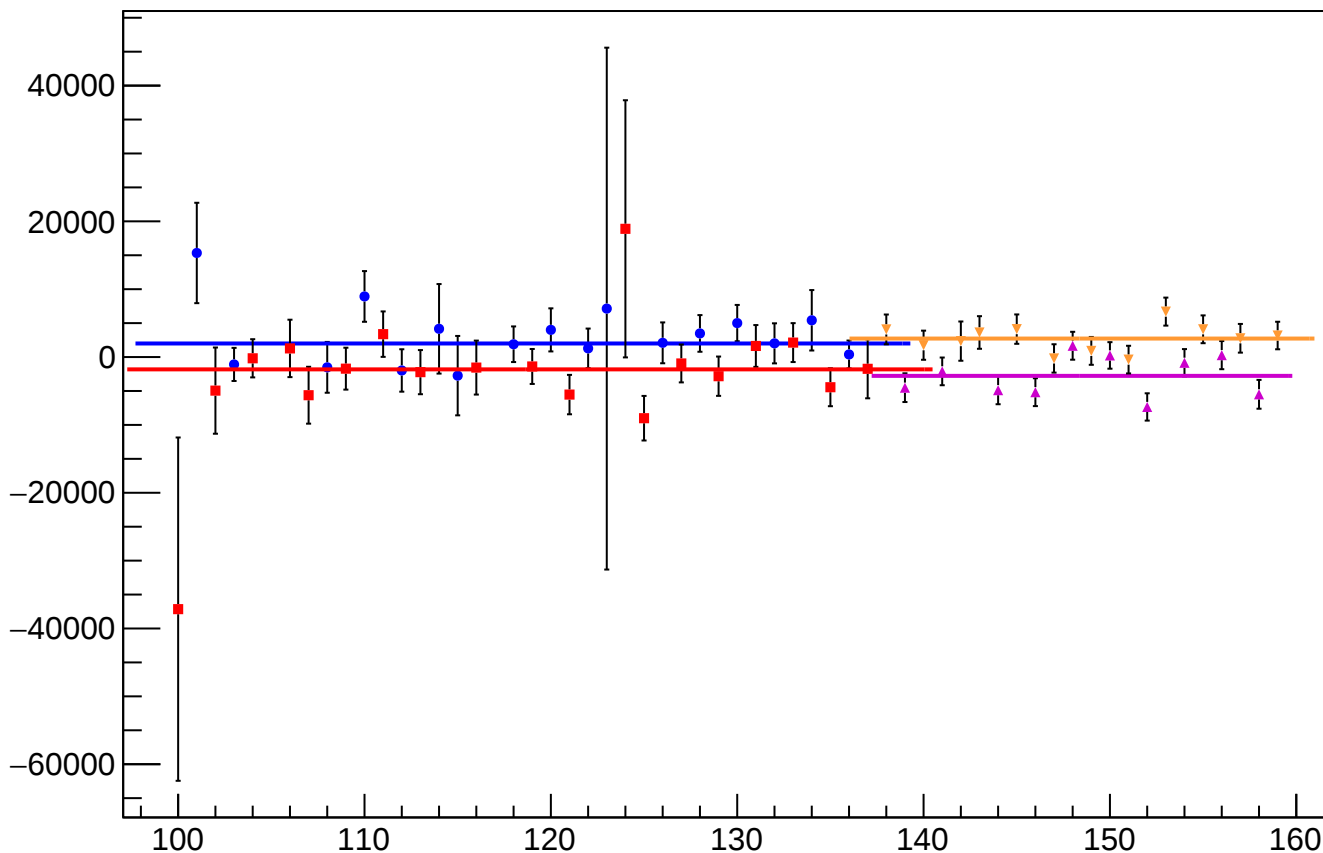
Left In: 1844.588 $\pm$ 0.456 χ^2 /NDF: 170464.3/9

+ sign 1927.843 $\pm$ 0.347 χ^2 /NDF: 580067.0/28

All: 1938.106 $\pm$ 0.248 χ^2 /NDF: 1080572.7/57

- sign 1948.831 $\pm$ 0.354 χ^2 /NDF: 498714.1/28

dit_asym_at1_avg_mean vs Slug



Right In: 1999.899 $\pm$ 781.612 χ^2/NDF : 14.8/16

Left Out: 2725.724 $\pm$ 622.782 χ^2/NDF : 10.4/11

Right Out: -1815.578 $\pm$ 781.463 χ^2/NDF : 18.2/18

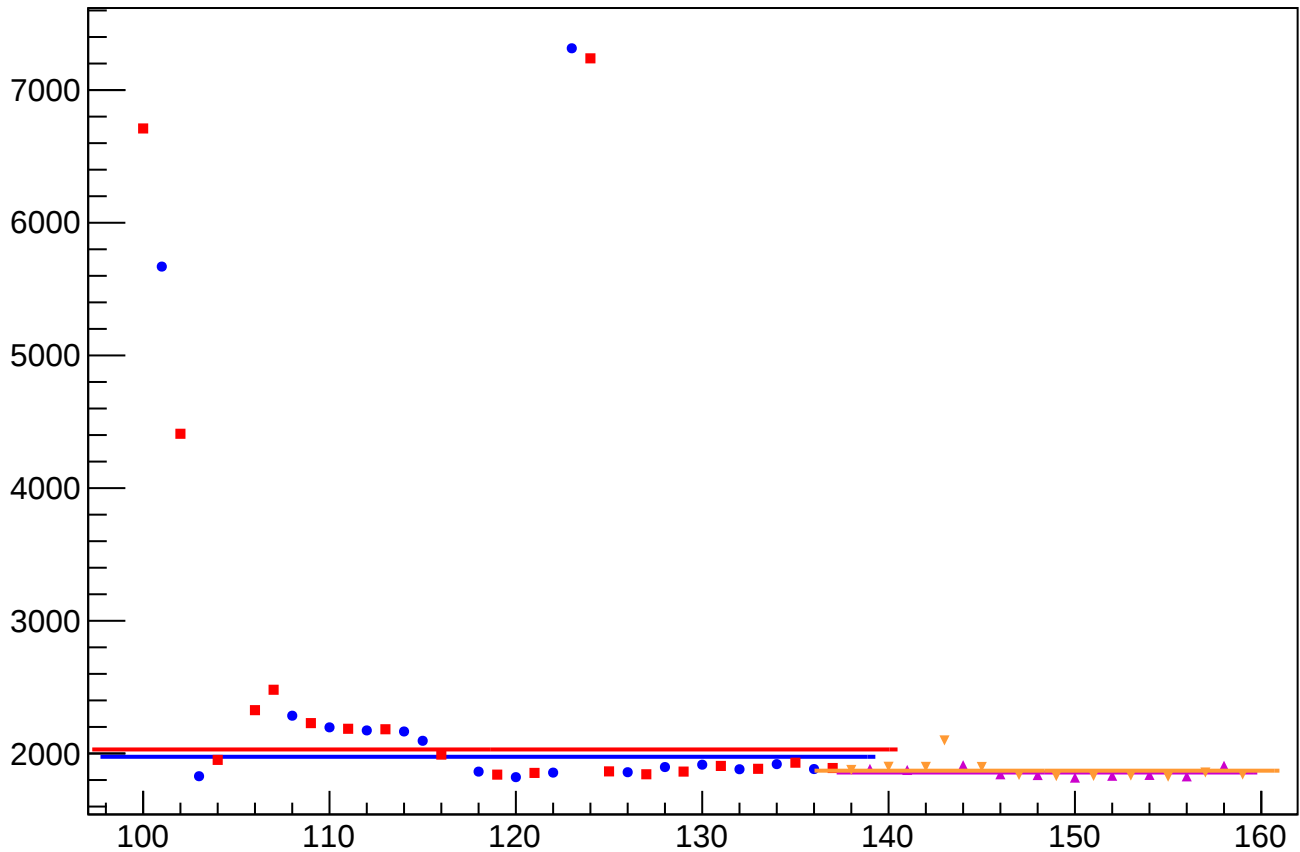
Left In: -2771.964 $\pm$ 648.259 χ^2/NDF : 20.1/9

+ sign 2443.862 $\pm$ 487.072 χ^2/NDF : 25.8/28

All: 88.927 $\pm$ 348.530 χ^2/NDF : 112.9/57

- sign -2382.108 $\pm$ 498.935 χ^2/NDF : 39.2/28

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1870.371+/-0.440 χ^2/NDF : 23110.6/11

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

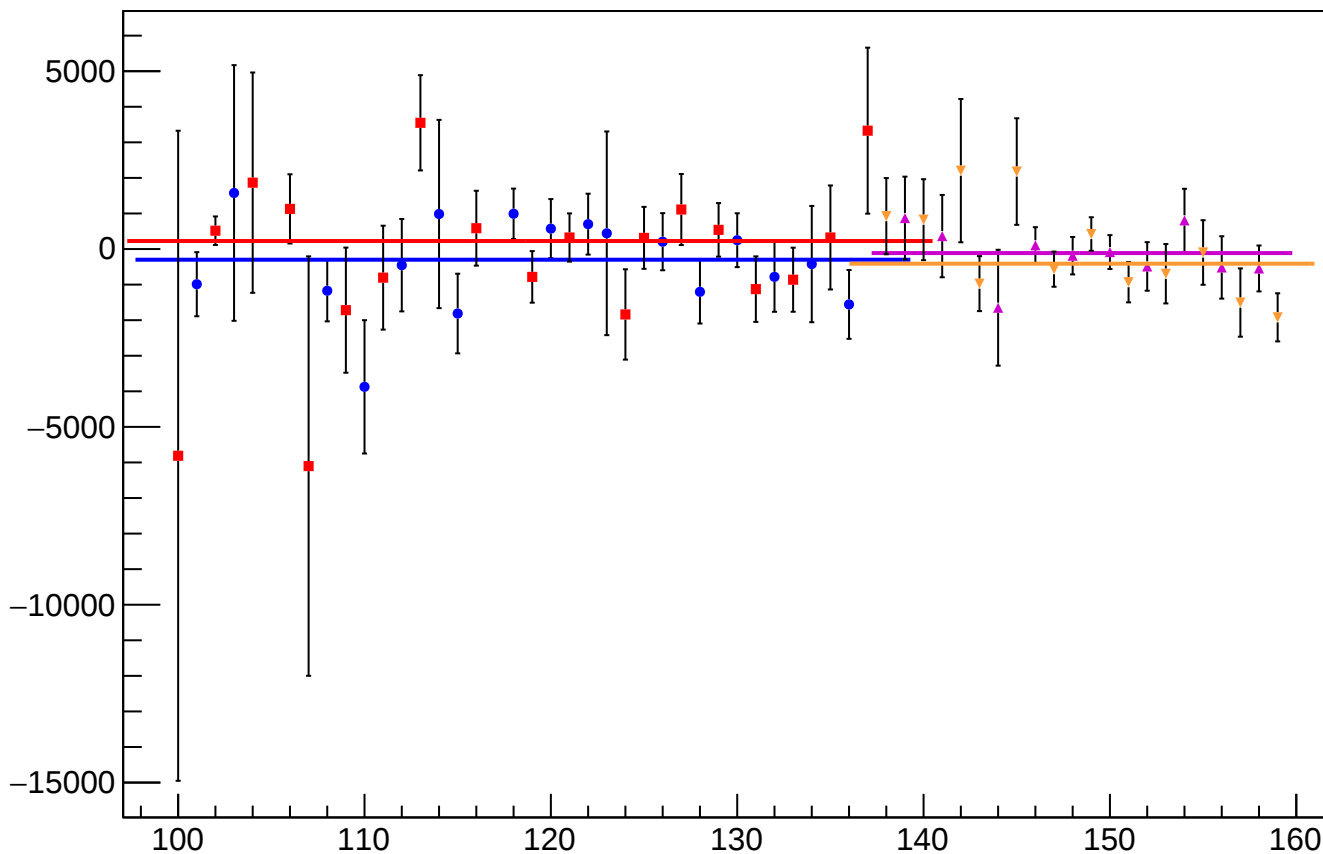
Left In: 1856.541+/-0.458 χ^2/NDF : 4950.3/9

+ sign 1911.044+/-0.344 χ^2/NDF : 644909.3/28

All: 1919.020+/-0.246 χ^2/NDF : 1313483.6/57

- sign 1927.389+/-0.353 χ^2/NDF : 667475.4/28

asym_at1_avg_correction_mean vs Slug



Right In: -299.990 $\pm$ 246.615 χ^2 /NDF: 17.3/16

Left Out: -412.251 $\pm$ 214.948 χ^2 /NDF:18.5/11

Right Out: 225.432 $\pm$ 215.564 χ^2 /NDF: 22.2/18

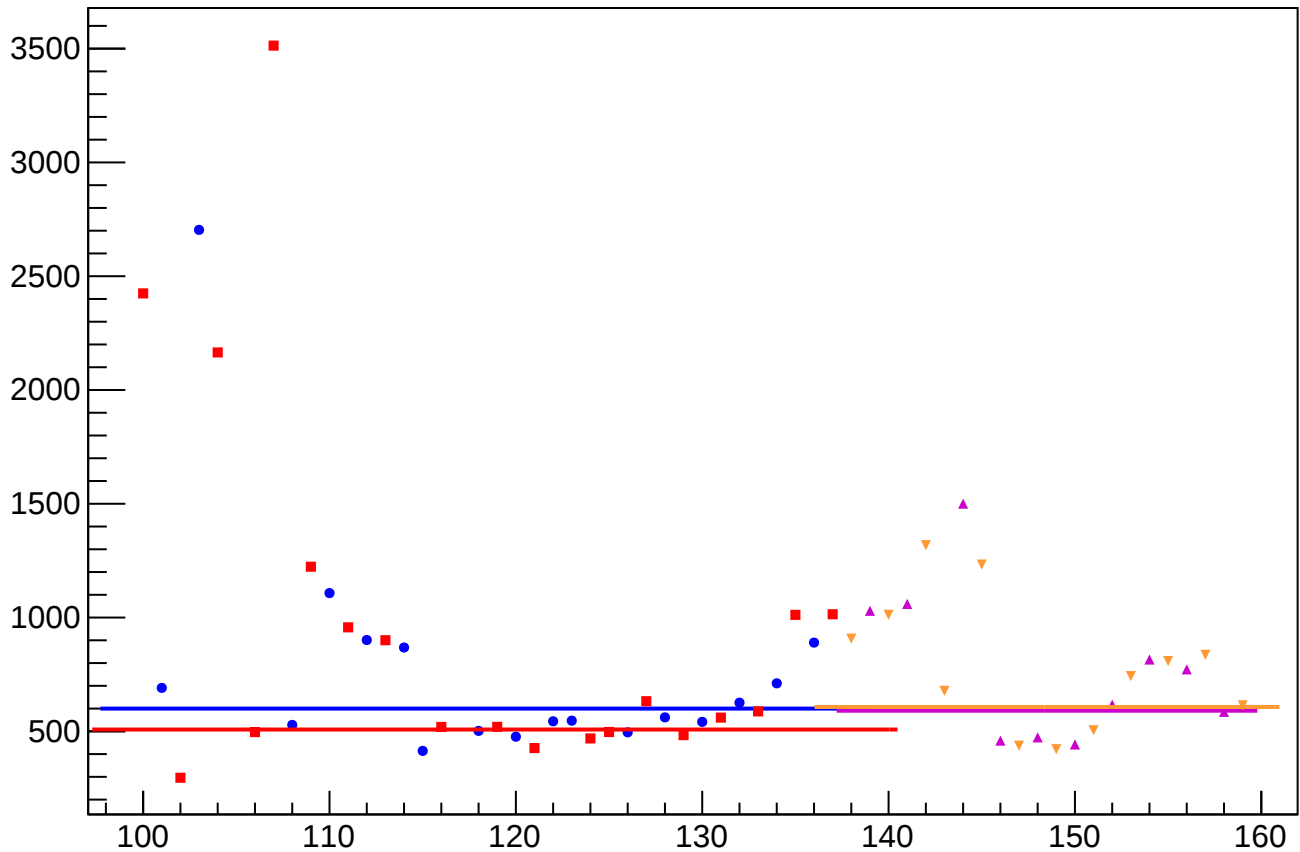
Left In: -113.215 $\pm$ 218.970 χ^2 /NDF:4.0/9

+ sign -363.786 $\pm$ 162.038 χ^2 /NDF: 36.0/28

All: -141.247 $\pm$ 111.482 χ^2 /NDF: 67.0/57

- sign 58.763 $\pm$ 153.617 χ^2 /NDF: 27.4/28

asym_at1_avg_correction_rms vs Slug



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

Left Out: 607.083+/-0.152 χ^2/NDF :1903400.3/11

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

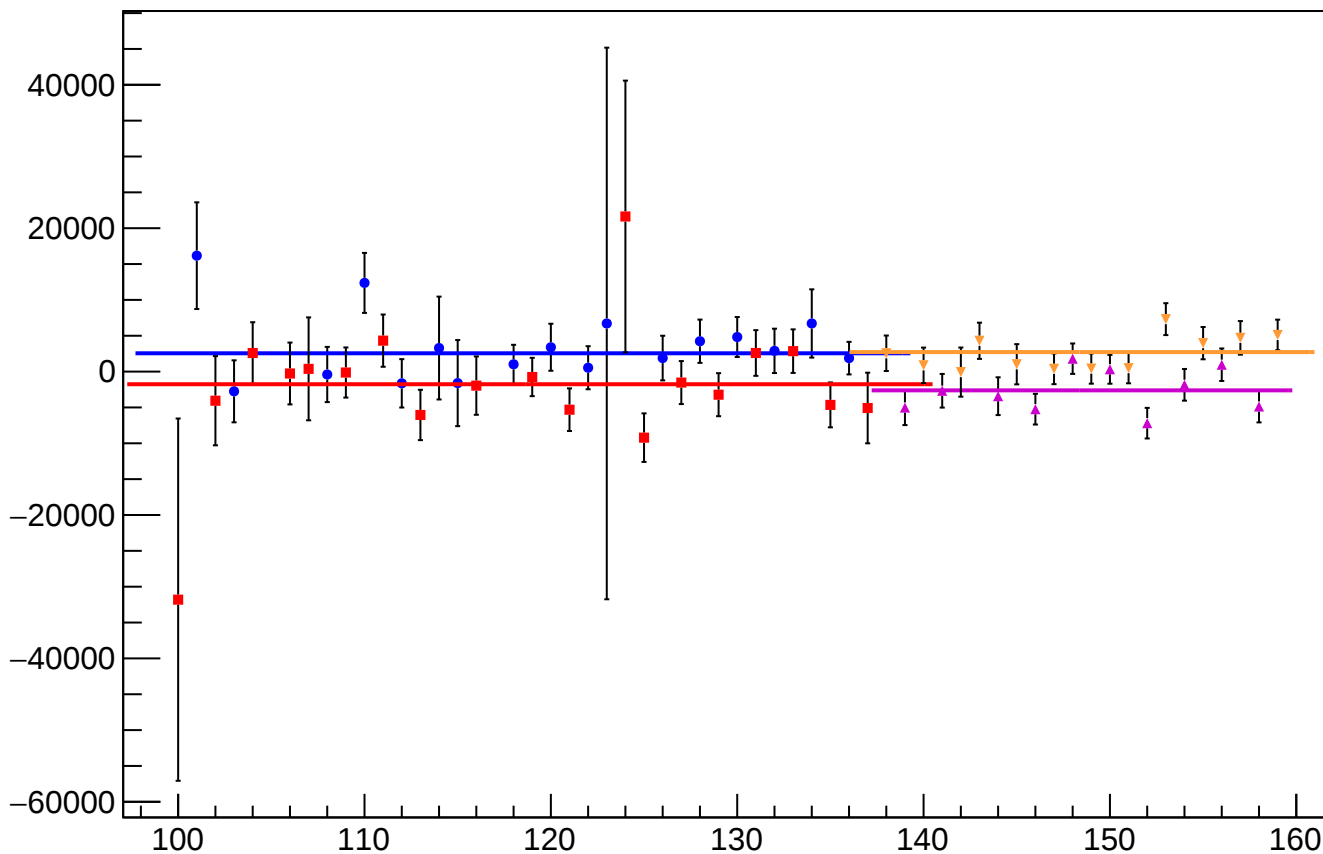
Left In: 590.635+/-0.155 χ^2/NDF :1881117.1/9

+ sign 604.005+/-0.115 χ^2/NDF : 3285399.7/28

All: 574.847+/-0.079 χ^2/NDF : 8283216.5/57

- sign 548.641+/-0.109 χ^2/NDF : 4874850.1/28

asym_at1_avg_mean vs Slug



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

Left Out: 2720.920 $\pm$ 679.708 χ^2 /NDF:12.0/11

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

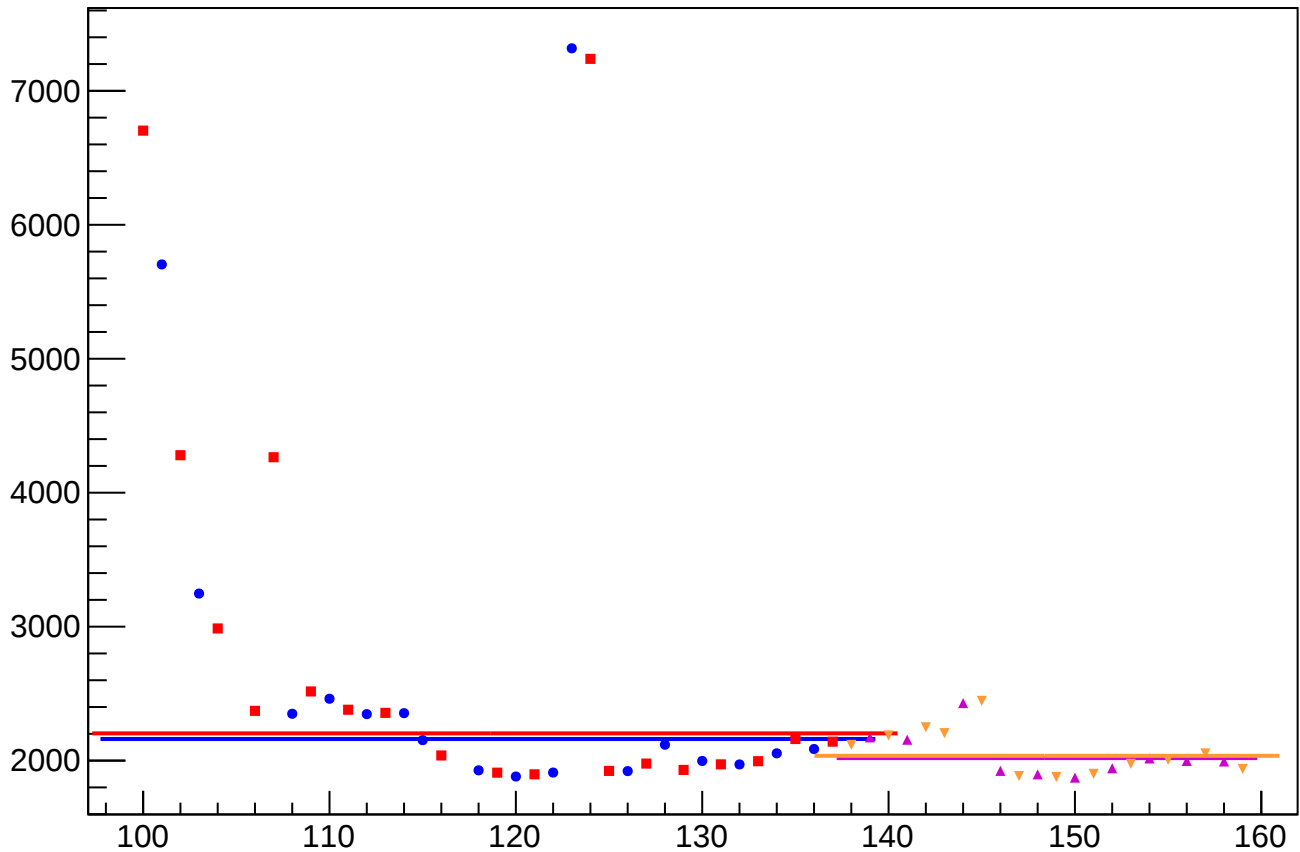
Left In: -2617.510 $\pm$ 706.708 χ^2 /NDF:17.3/9

+ sign 2656.485 $\pm$ 533.001 χ^2 /NDF: 27.8/28

All: 246.465 $\pm$ 380.935 χ^2 /NDF: 108.4/57

- sign -2269.903 $\pm$ 544.634 χ^2 /NDF: 38.8/28

asym_at1_avg_rms vs Slug



Right In: 2161.418 $\pm$ 0.607 χ^2 /NDF: 711253.3/16

Left Out: 2035.879 $\pm$ 0.481 χ^2 /NDF:104752.4/11

Right Out: 2203.343 $\pm$ 0.604 χ^2 /NDF: 797393.2/18

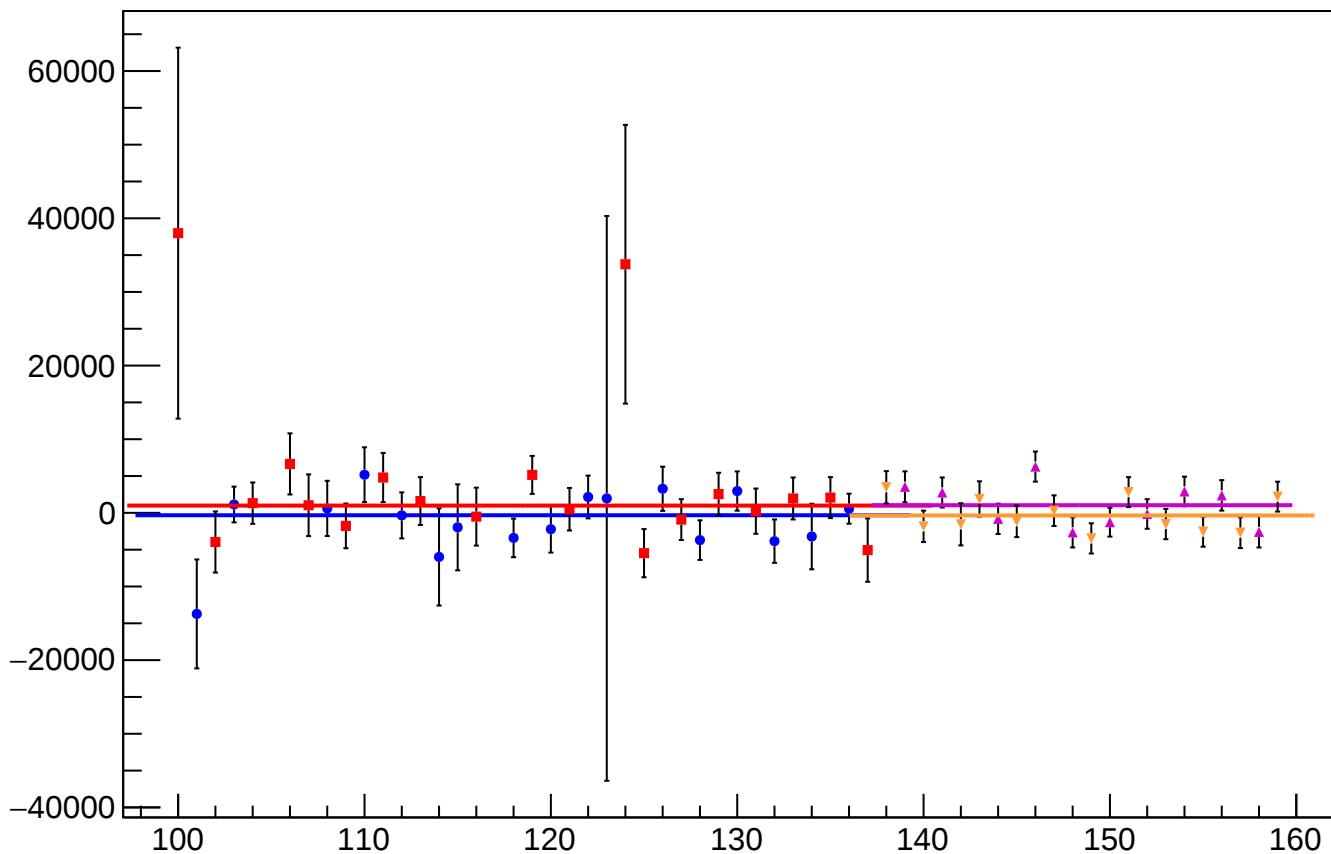
Left In: 2018.680 $\pm$ 0.500 χ^2 /NDF:87313.8/9

+ sign 2084.223 $\pm$ 0.377 χ^2 /NDF: 842278.8/28

All: 2088.843 $\pm$ 0.269 χ^2 /NDF: 1782745.5/57

- sign 2093.668 $\pm$ 0.385 χ^2 /NDF: 940159.5/28

dit_asym_at1_dd_mean vs Slug



Right In: -323.738+/-779.509 χ^2/NDF : 15.7/16

Left Out: -351.063+/-620.593 χ^2/NDF : 13.9/11

Right Out: 985.900+/-769.924 χ^2/NDF : 20.4/18

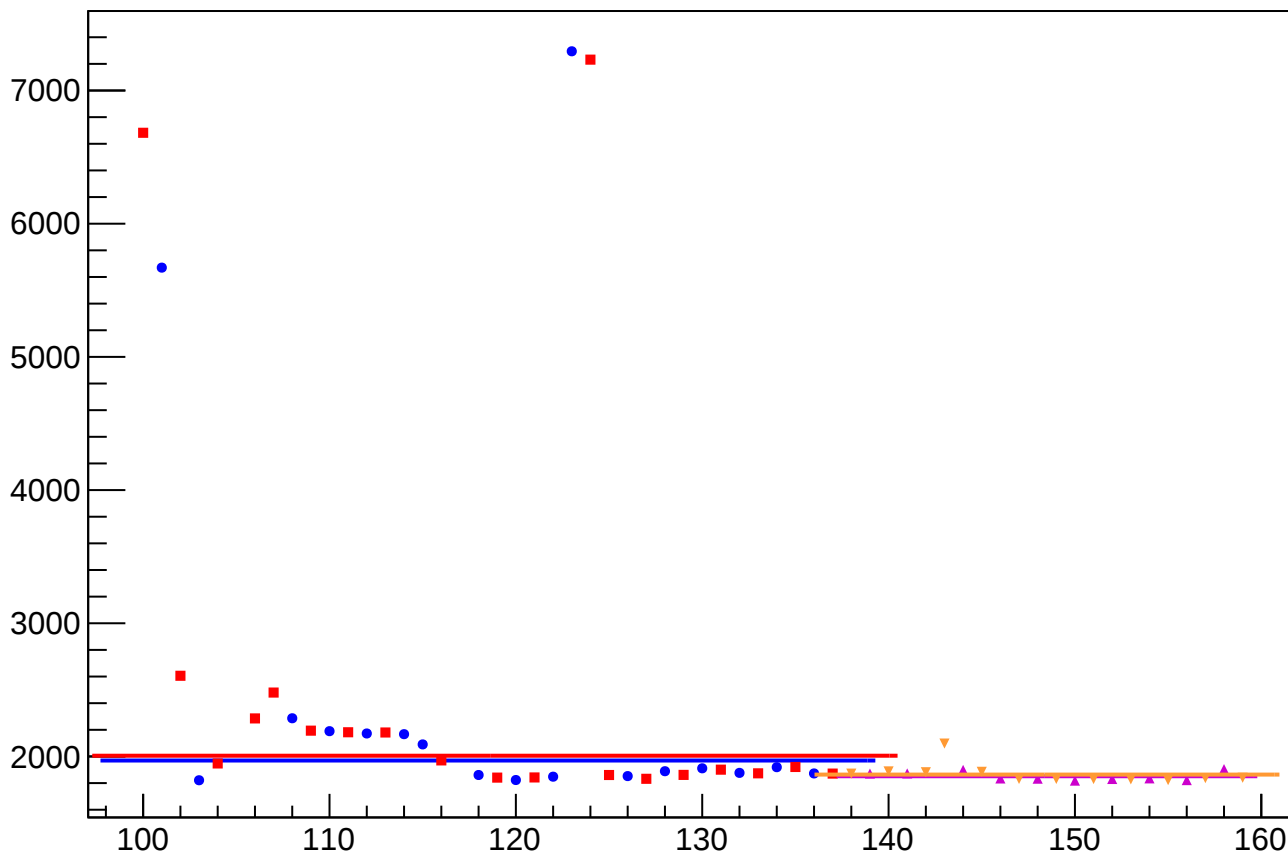
Left In: 1038.119+/-646.462 χ^2/NDF : 18.7/9

+ sign -340.462+/-485.516 χ^2/NDF : 29.6/28

All: 324.790+/-346.646 χ^2/NDF : 72.5/57

- sign 1016.527+/-495.086 χ^2/NDF : 39.0/28

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1863.873+/-0.439 χ^2/NDF : 22941.1/11

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

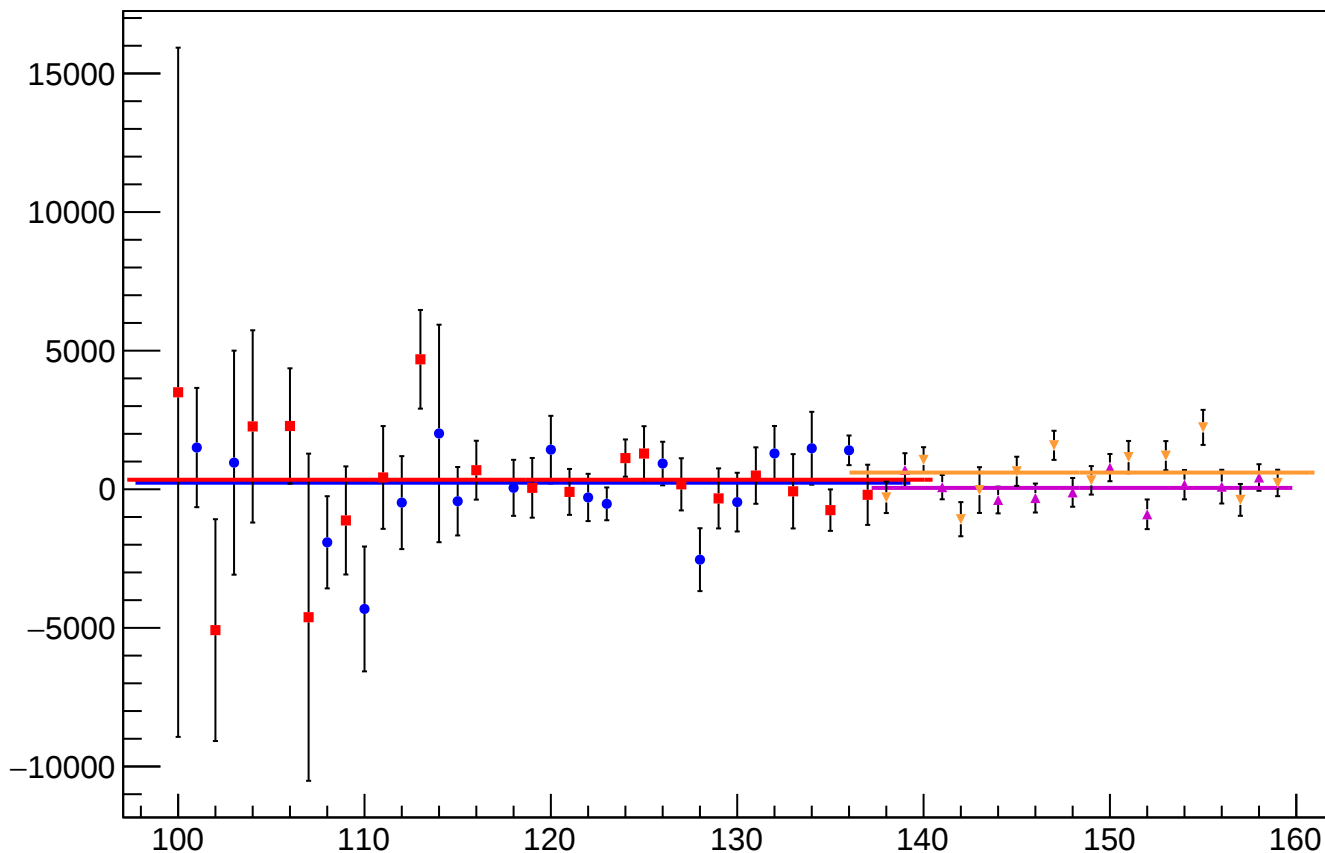
Left In: 1851.473+/-0.457 χ^2/NDF : 4327.7/9

+ sign 1904.848+/-0.343 χ^2/NDF : 648225.8/28

All: 1909.915+/-0.245 χ^2/NDF : 1059620.6/57

- sign 1915.183+/-0.350 χ^2/NDF : 410950.4/28

asym_at1_dd_correction_mean vs Slug



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

Left Out: 602.820 $\pm$ 159.075 χ^2 /NDF: 27.8/11

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

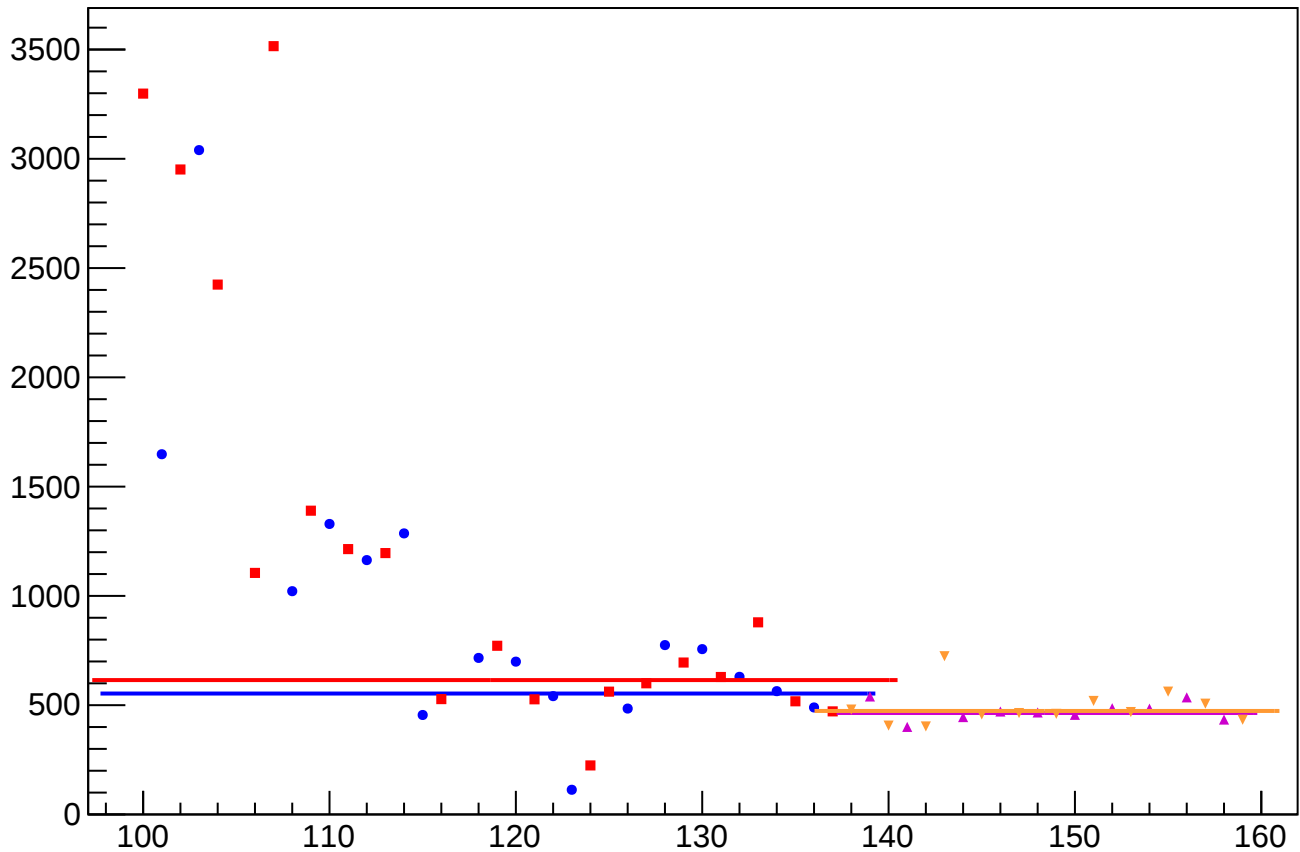
Left In: 49.429 $\pm$ 162.404 χ^2 /NDF: 8.6/9

+ sign 496.511 $\pm$ 133.992 χ^2 /NDF: 53.2/28

All: 319.156 $\pm$ 96.456 χ^2 /NDF: 82.4/57

- sign 128.396 $\pm$ 138.964 χ^2 /NDF: 25.5/28

asym_at1_dd_correction_rms vs Slug



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

Left Out: 473.573 ± 0.112 χ^2/NDF : 329941.4/11

+ sign 496.727 ± 0.095 χ^2/NDF : 3888558.0/28

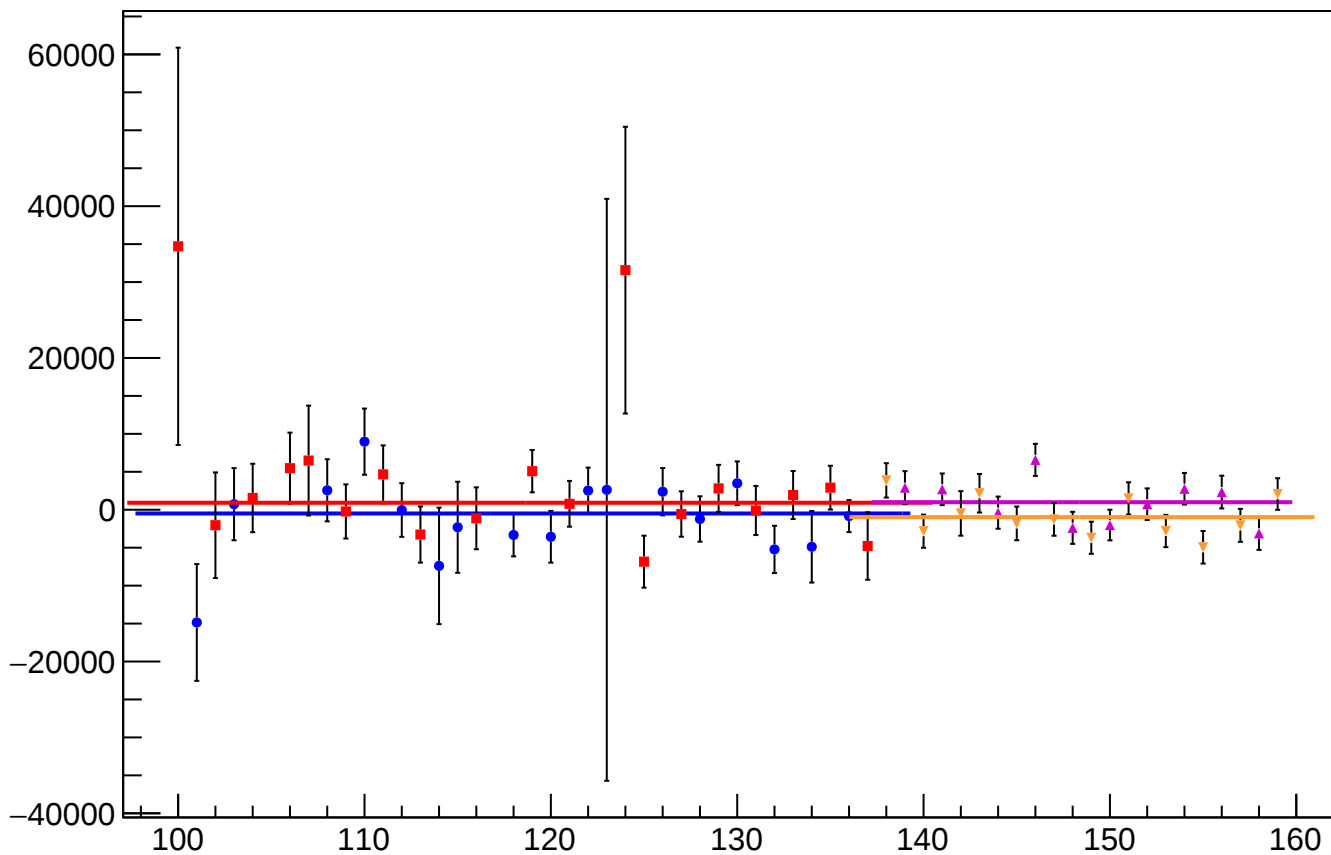
Right Out: 614.829 ± 0.190 χ^2/NDF : 3569607.7/18

All: 500.549 ± 0.068 χ^2/NDF : 8040636.7/57

- sign 504.659 ± 0.098 χ^2/NDF : 4148702.2/28

Left In: 464.359 ± 0.115 χ^2/NDF : 119259.0/9

asym_at1_dd_mean vs Slug



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

Left Out: -969.897 ± 642.599 χ^2/NDF : 16.6/11

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

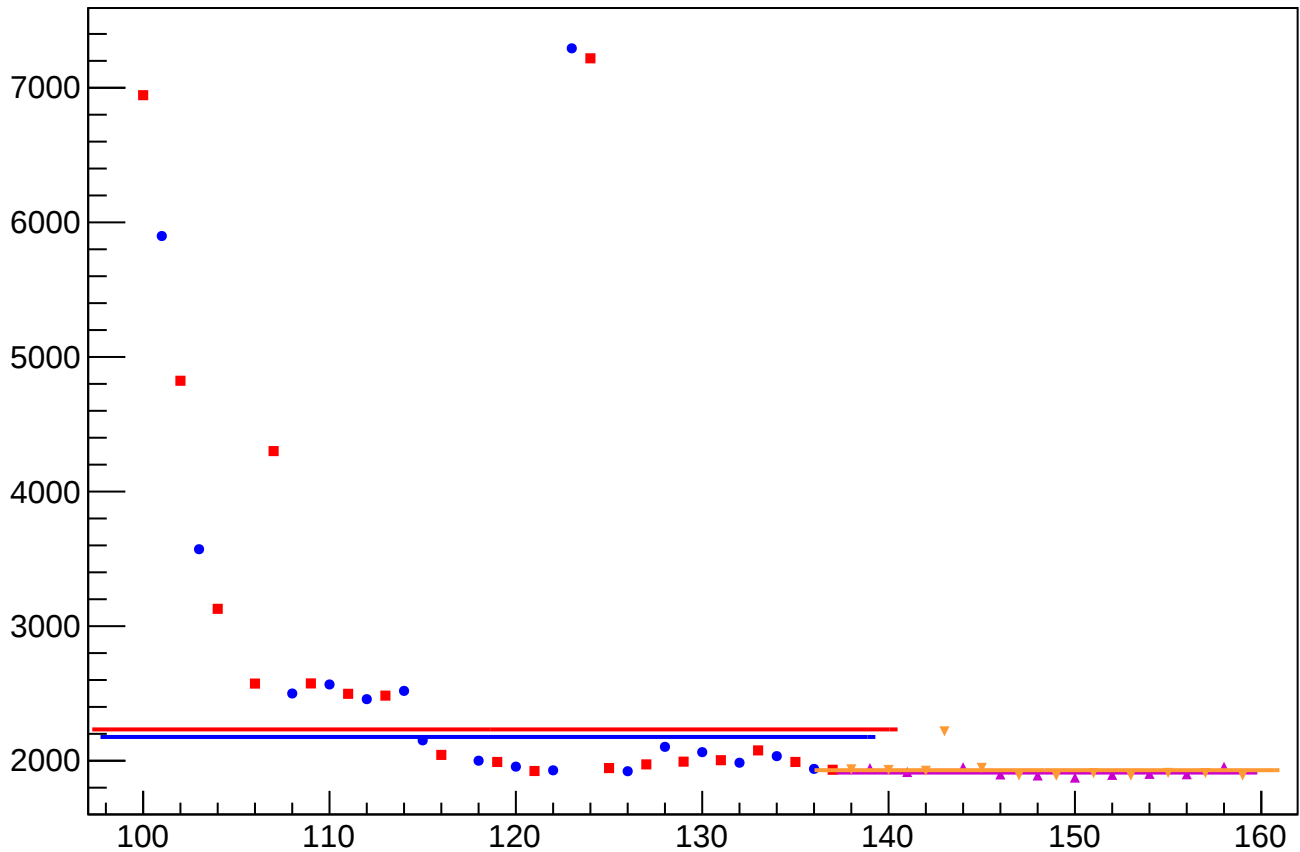
Left In: 995.688 ± 667.590 χ^2/NDF : 18.3/9

+ sign -800.679 ± 516.466 χ^2/NDF : 35.3/28

All: 62.054 ± 369.660 χ^2/NDF : 78.3/57

- sign 968.292 ± 529.328 χ^2/NDF : 37.2/28

asym_at1_dd_rms vs Slug



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

Left Out: 1929.878 $\pm$ 0.454 χ^2 /NDF: 29376.9/11

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

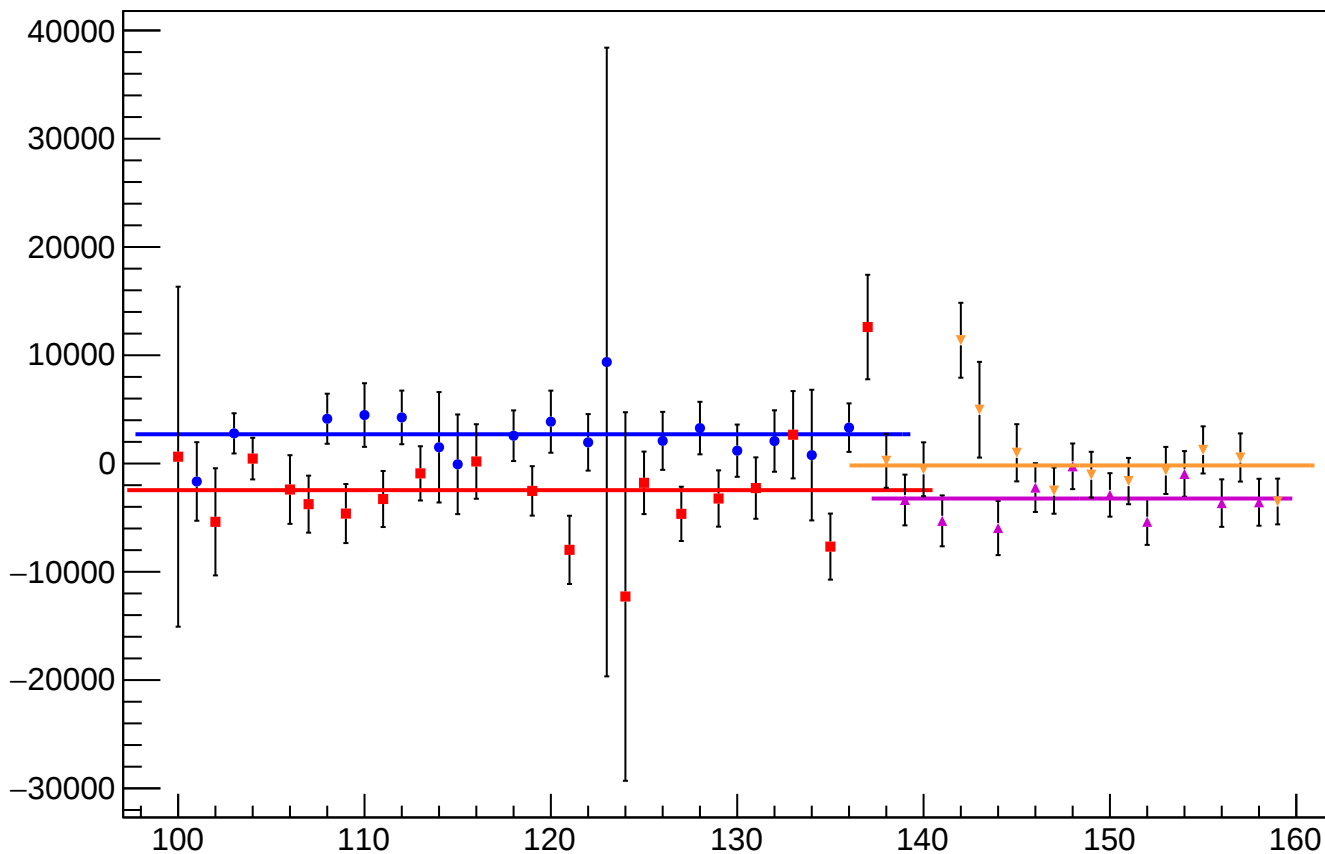
Left In: 1912.279 $\pm$ 0.472 χ^2 /NDF: 3197.5/9

+ sign 2017.280 $\pm$ 0.365 χ^2 /NDF: 936560.0/28

All: 2024.130 $\pm$ 0.261 χ^2 /NDF: 2002308.1/57

- sign 2031.326 $\pm$ 0.374 χ^2 /NDF: 1065026.6/28

dit_asym_at2_avg_mean vs Slug



Right In: 2703.508+/-673.898 χ^2/NDF : 4.0/16

Left Out: -176.810+/-688.269 χ^2/NDF : 17.6/11

Right Out: -2458.734+/-682.630 χ^2/NDF : 23.2/18

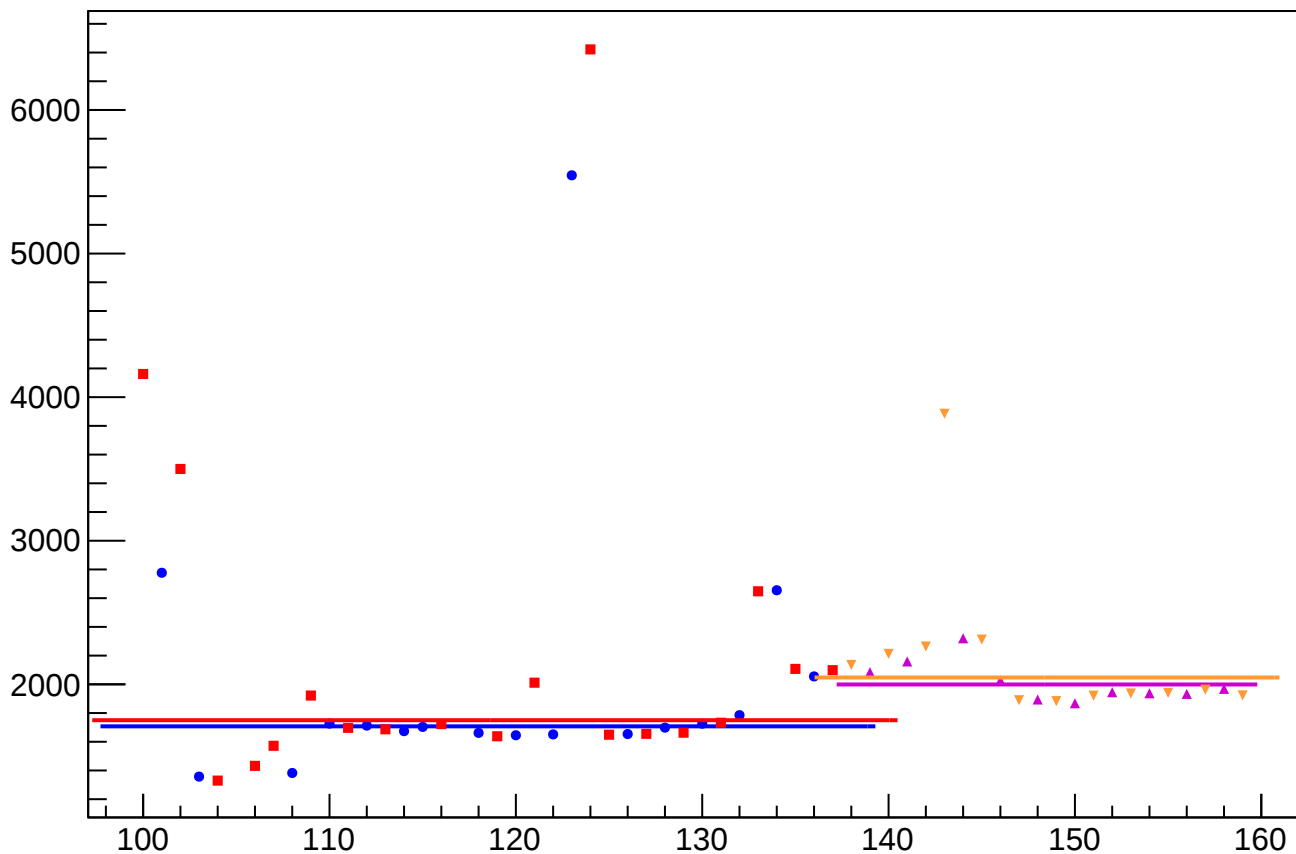
Left In: -3232.625+/-697.159 χ^2/NDF : 6.4/9

+ sign 1293.733+/-481.518 χ^2/NDF : 30.6/28

All: -745.347+/-342.666 χ^2/NDF : 97.2/57

- sign -2837.531+/-487.748 χ^2/NDF : 30.3/28

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2047.587+/-0.487 χ^2/NDF : 434323.5/11

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

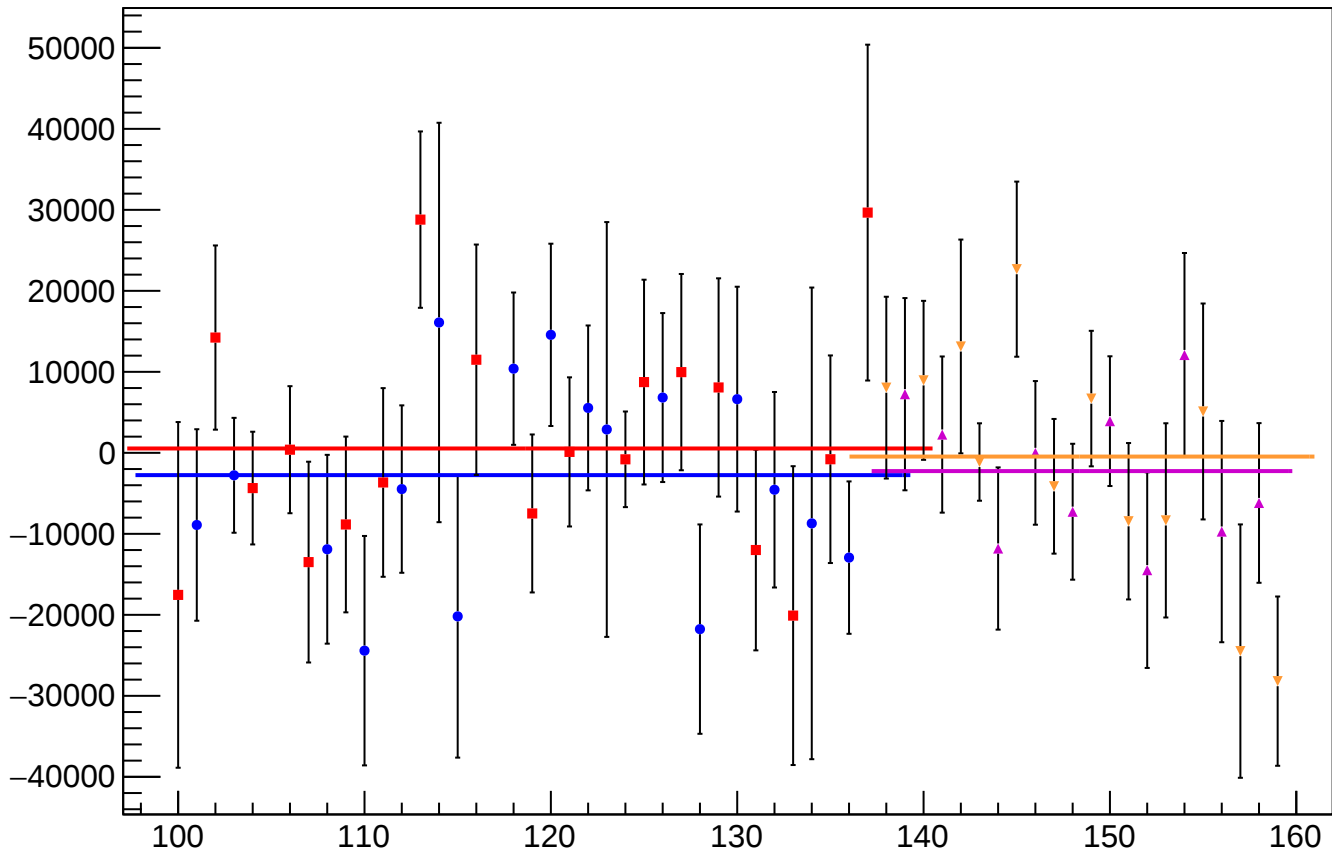
Left In: 1998.945+/-0.493 χ^2/NDF : 63772.6/9

+ sign 1873.898+/-0.340 χ^2/NDF : 1105961.8/28

All: 1872.900+/-0.242 χ^2/NDF : 2046360.1/57

- sign 1871.876+/-0.345 χ^2/NDF : 940380.9/28

asym_at2_avg_correction_mean vs Slug



Right In: -2750.725 $\pm$ 2842.399 χ^2 /NDF: 14.6/16

Left Out: -460.966 $\pm$ 2656.482 χ^2 /NDF:18.8/11

Right Out: 538.445 $\pm$ 2424.977 χ^2 /NDF: 18.5/18

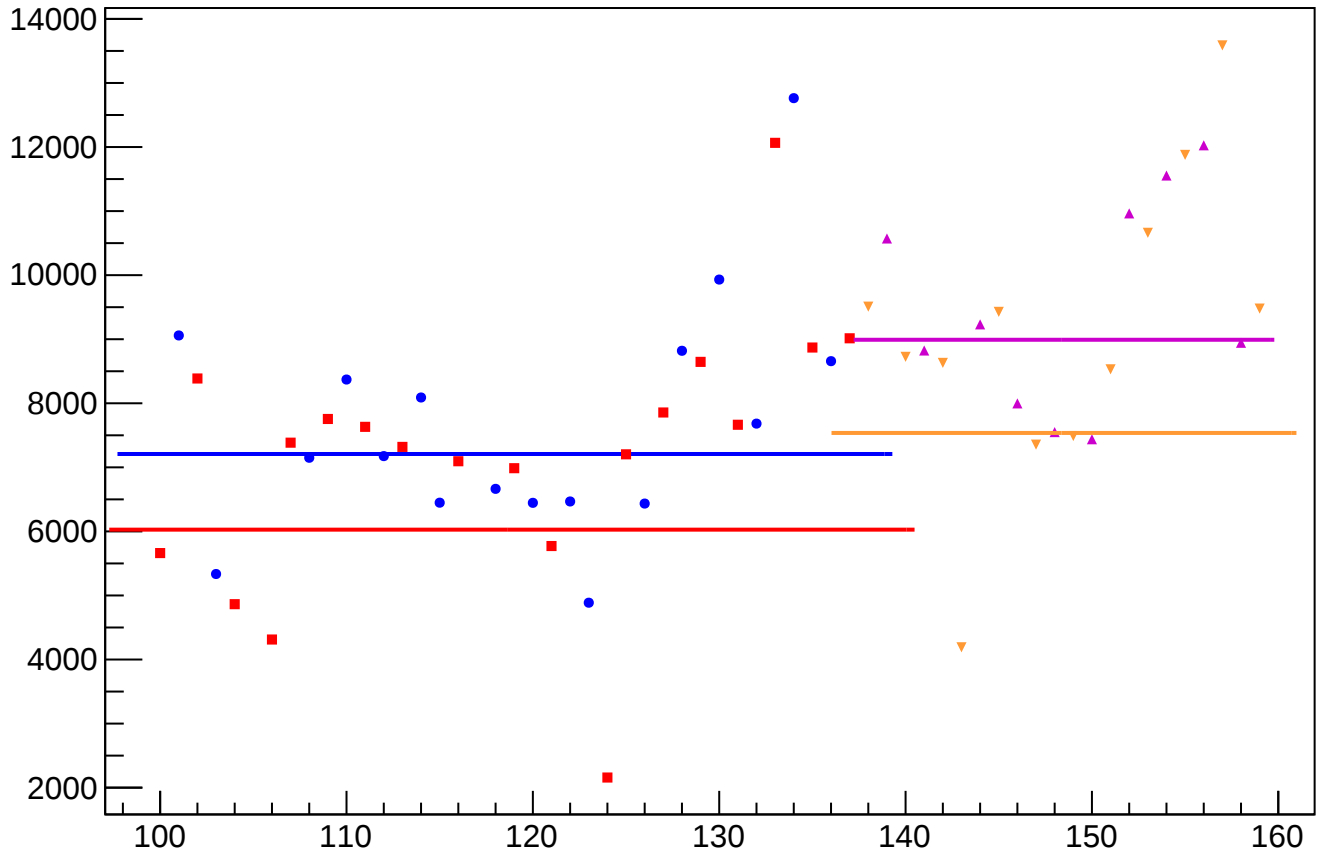
Left In: -2253.044 $\pm$ 3175.599 χ^2 /NDF:5.6/9

+ sign -1528.517 $\pm$ 1940.817 χ^2 /NDF: 33.7/28

All: -1005.514 $\pm$ 1367.561 χ^2 /NDF: 58.4/57

- sign -489.770 $\pm$ 1927.301 χ^2 /NDF: 24.5/28

asym_at2_avg_correction_rms vs Slug



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

Left Out: 7536.970+/-1.878 χ^2/NDF : 1884218.5/11

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

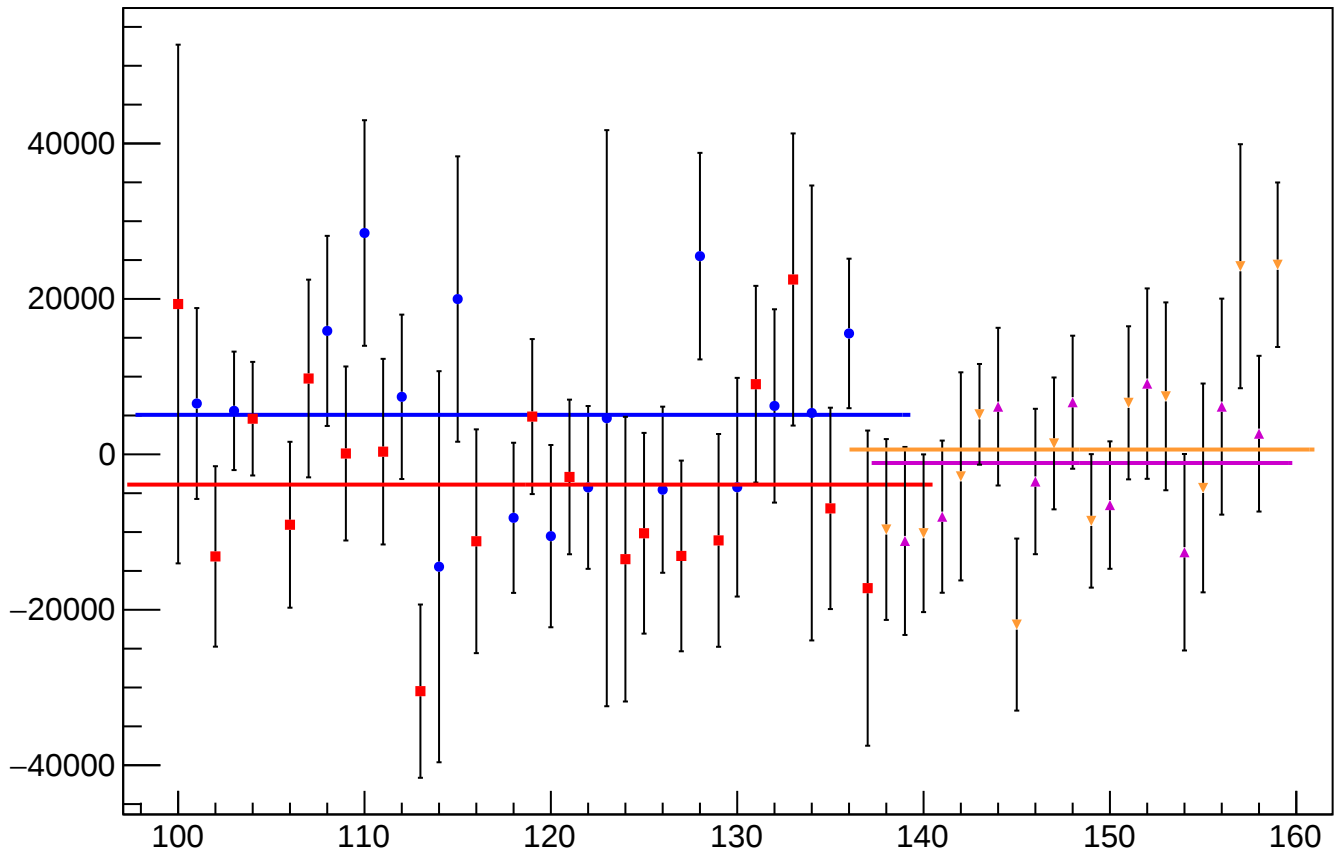
Left In: 8991.427+/-2.245 χ^2/NDF : 431640.3/9

+ sign 7383.756+/-1.372 χ^2/NDF : 2392238.0/28

All: 7250.540+/-0.967 χ^2/NDF : 5741337.1/57

- sign 7119.173+/-1.363 χ^2/NDF : 3330384.6/28

asym_at2_avg_mean vs Slug



Right In: 5084.628 $\pm$ 2955.245 χ^2 /NDF: 14.0/16

Left Out: 620.306 $\pm$ 2913.691 χ^2 /NDF:15.9/11

Right Out: -3892.007 $\pm$ 2790.271 χ^2 /NDF: 15.7/18

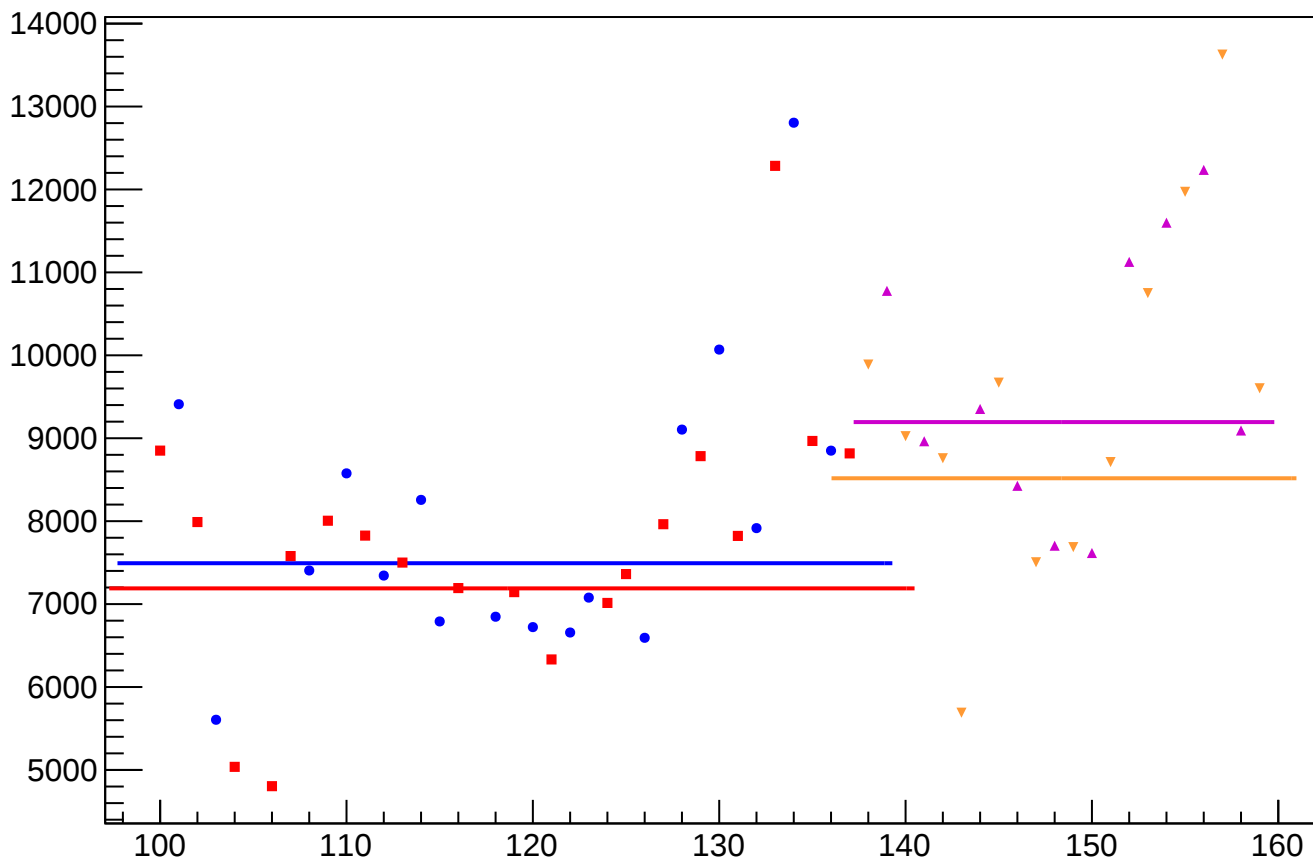
Left In: -1111.051 $\pm$ 3244.567 χ^2 /NDF:5.0/9

+ sign 2820.860 $\pm$ 2074.826 χ^2 /NDF: 31.0/28

All: 109.338 $\pm$ 1481.315 χ^2 /NDF: 55.6/57

- sign -2709.697 $\pm$ 2115.560 χ^2 /NDF: 21.1/28

asym_at2_avg_rms vs Slug



Right In: 7492.918+/-2.090 χ^2/NDF : 437084.4/16

Left Out: 8517.281+/-2.060 χ^2/NDF : 917176.2/11

Right Out: 7189.504+/-1.973 χ^2/NDF : 560893.8/18

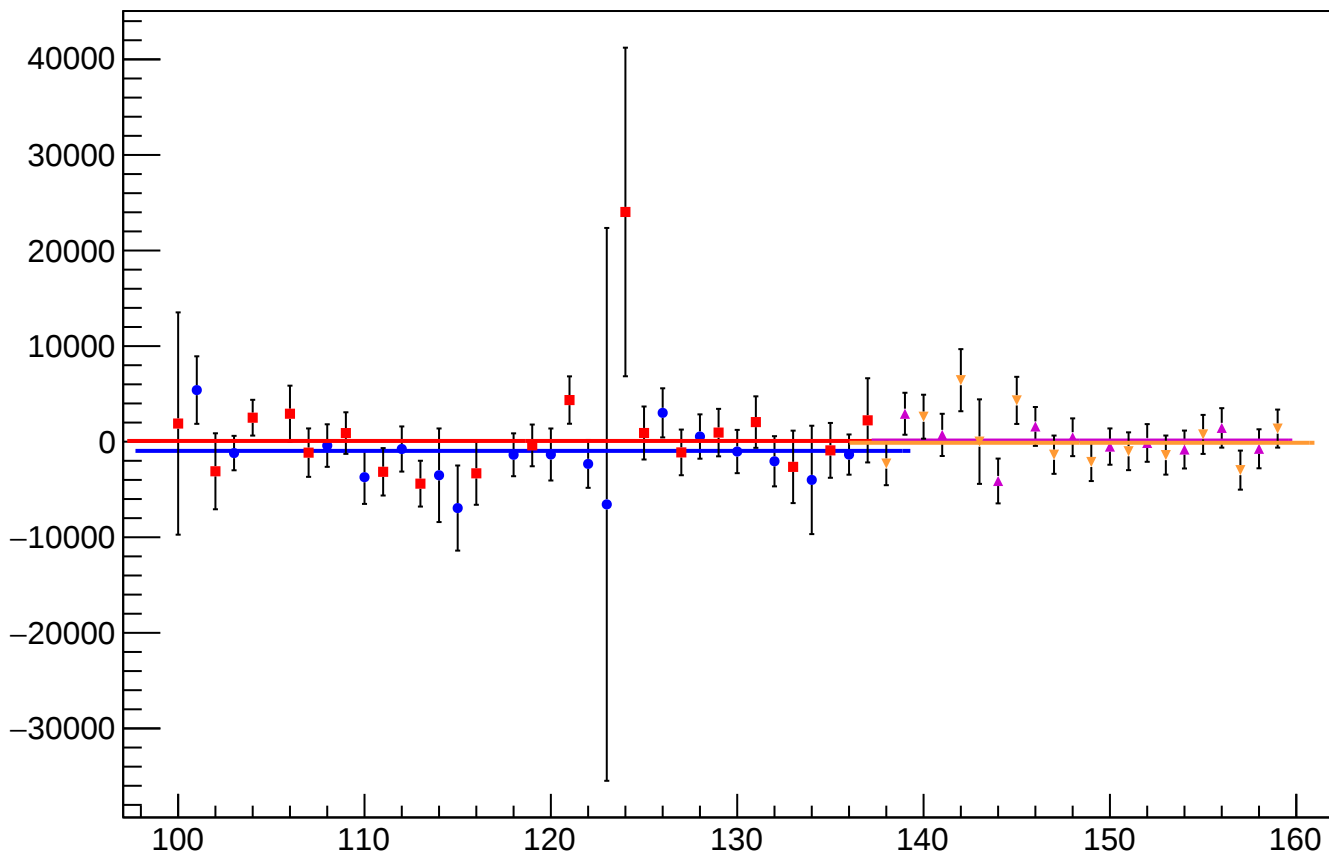
Left In: 9194.840+/-2.294 χ^2/NDF : 402244.5/9

+ sign 8012.339+/-1.467 χ^2/NDF : 1476114.3/28

All: 8026.851+/-1.047 χ^2/NDF : 2878686.3/57

- sign 8041.937+/-1.496 χ^2/NDF : 1402372.4/28

dit_asym_at2_dd_mean vs Slug



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

Left Out: -114.569 ± 642.600 χ^2/NDF : 14.3/11

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

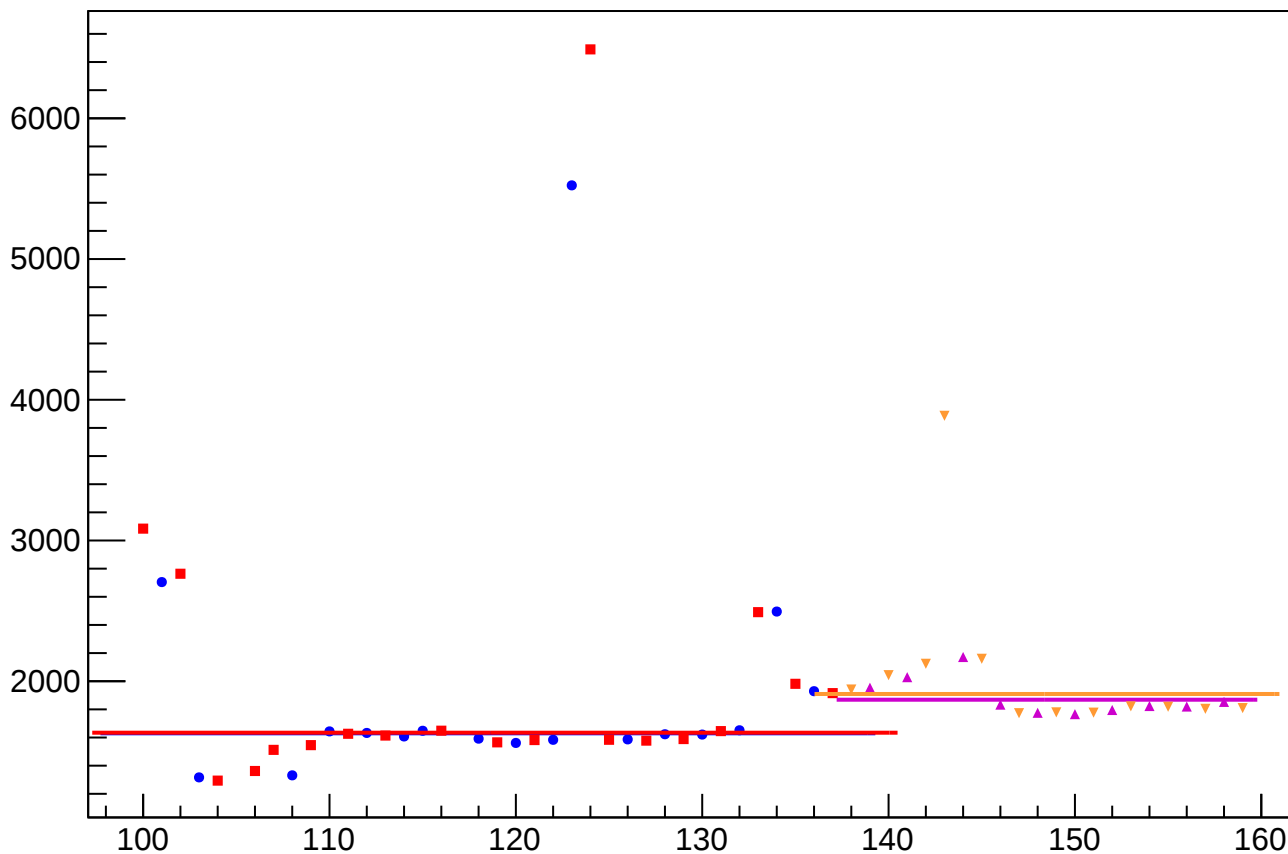
Left In: 120.524 ± 651.537 χ^2/NDF : 6.5/9

+ sign -538.275 ± 454.537 χ^2/NDF : 25.3/28

All: -219.884 ± 321.283 χ^2/NDF : 49.4/57

- sign 98.021 ± 454.189 χ^2/NDF : 23.2/28

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1909.365+/-0.454 χ^2/NDF : 480933.2/11

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

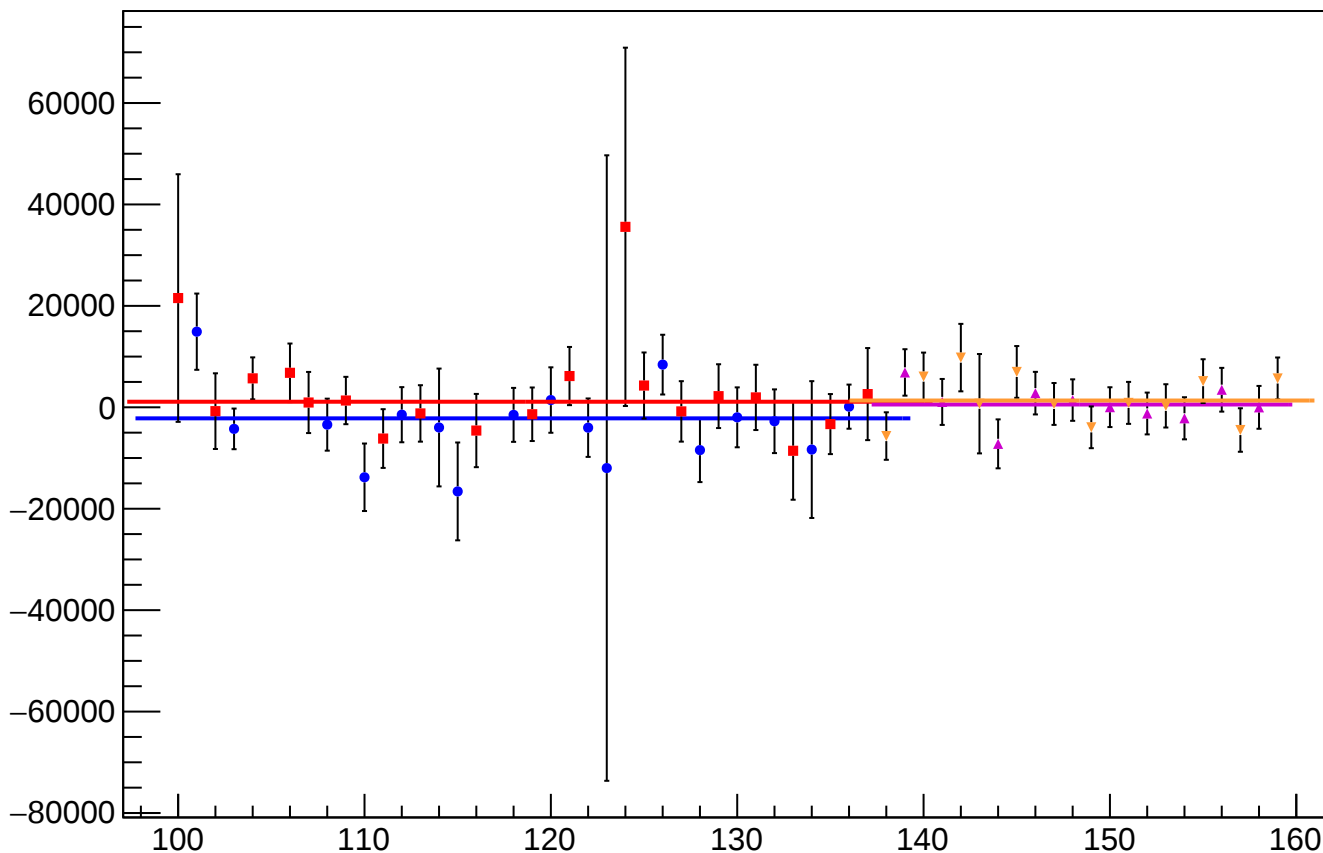
Left In: 1868.630+/-0.461 χ^2/NDF : 62874.3/9

+ sign 1769.752+/-0.321 χ^2/NDF : 1078022.8/28

All: 1758.943+/-0.227 χ^2/NDF : 1864842.2/57

- sign 1748.151+/-0.321 χ^2/NDF : 784559.4/28

asym_at2_dd_correction_mean vs Slug



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

Left Out: 1336.917 ± 1336.966 χ^2/NDF : 11.6/11

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

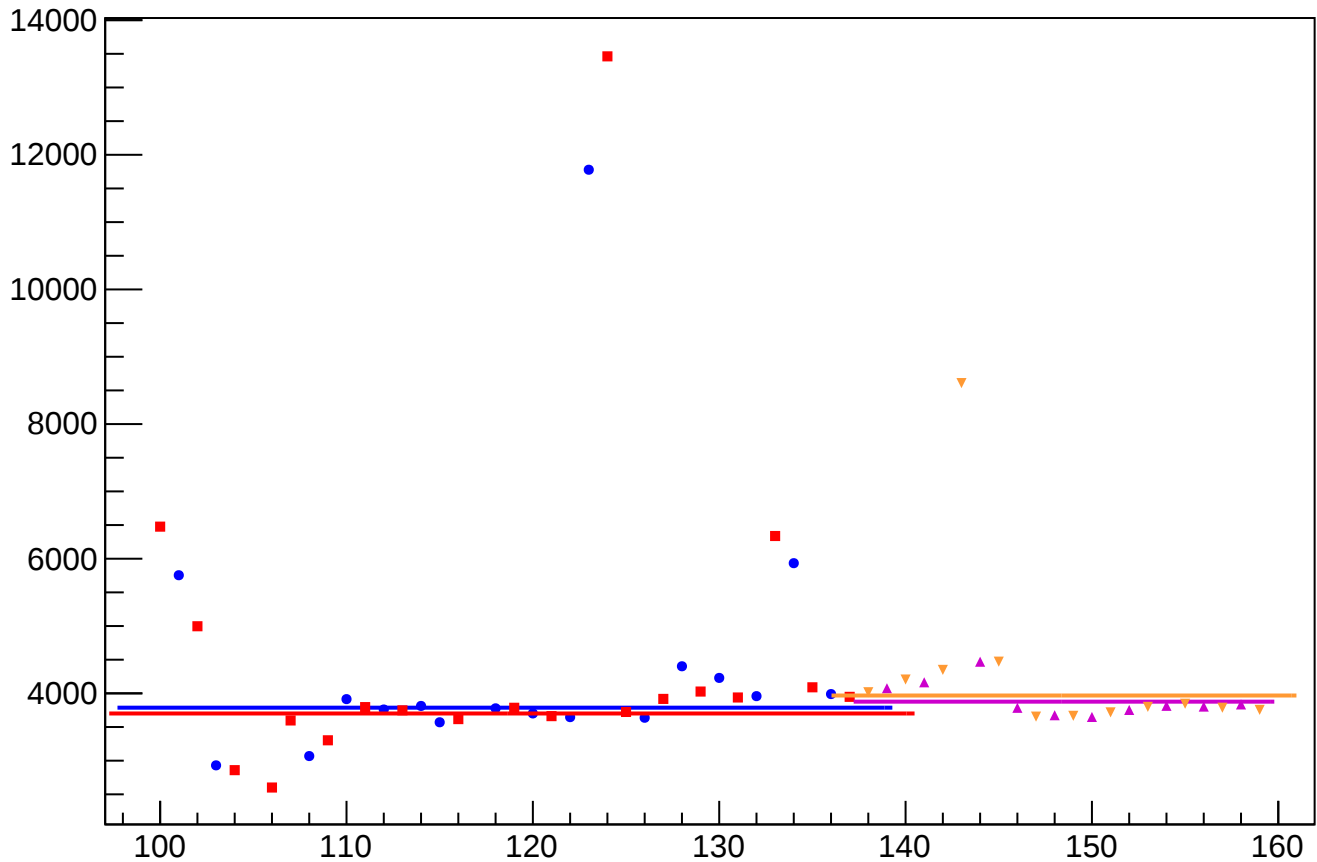
Left In: 553.692 ± 1351.416 χ^2/NDF : 5.9/9

+ sign -227.853 ± 995.997 χ^2/NDF : 30.6/28

All: 296.028 ± 700.488 χ^2/NDF : 46.5/57

- sign 808.785 ± 985.367 χ^2/NDF : 15.3/28

asym_at2_dd_correction_rms vs Slug



Right In: 3787.301+/-1.056 χ^2/NDF : 392650.8/16

Left Out: 3967.998+/-0.945 χ^2/NDF : 523286.4/11

Right Out: 3700.932+/-1.018 χ^2/NDF : 581094.9/18

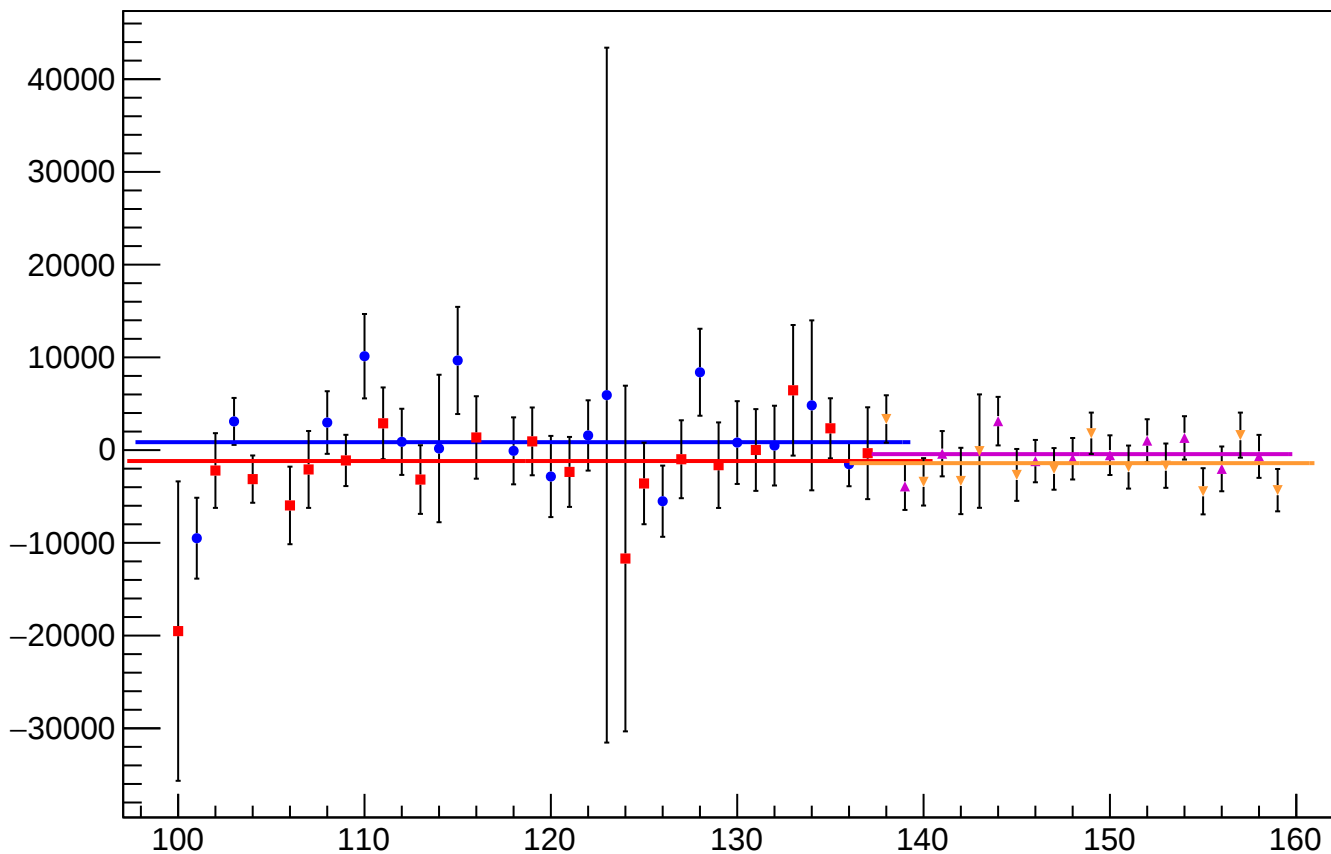
Left In: 3876.599+/-0.956 χ^2/NDF : 57575.4/9

+ sign 3887.584+/-0.704 χ^2/NDF : 932195.4/28

All: 3840.452+/-0.495 χ^2/NDF : 1595555.6/57

- sign 3794.322+/-0.697 χ^2/NDF : 654498.1/28

asym_at2_dd_mean vs Slug



Right In: 856.187 ± 964.743 χ^2/NDF : 20.7/16

Left Out: -1405.855 ± 741.119 χ^2/NDF : 11.5/11

Right Out: -1178.044 ± 925.669 χ^2/NDF : 8.6/18

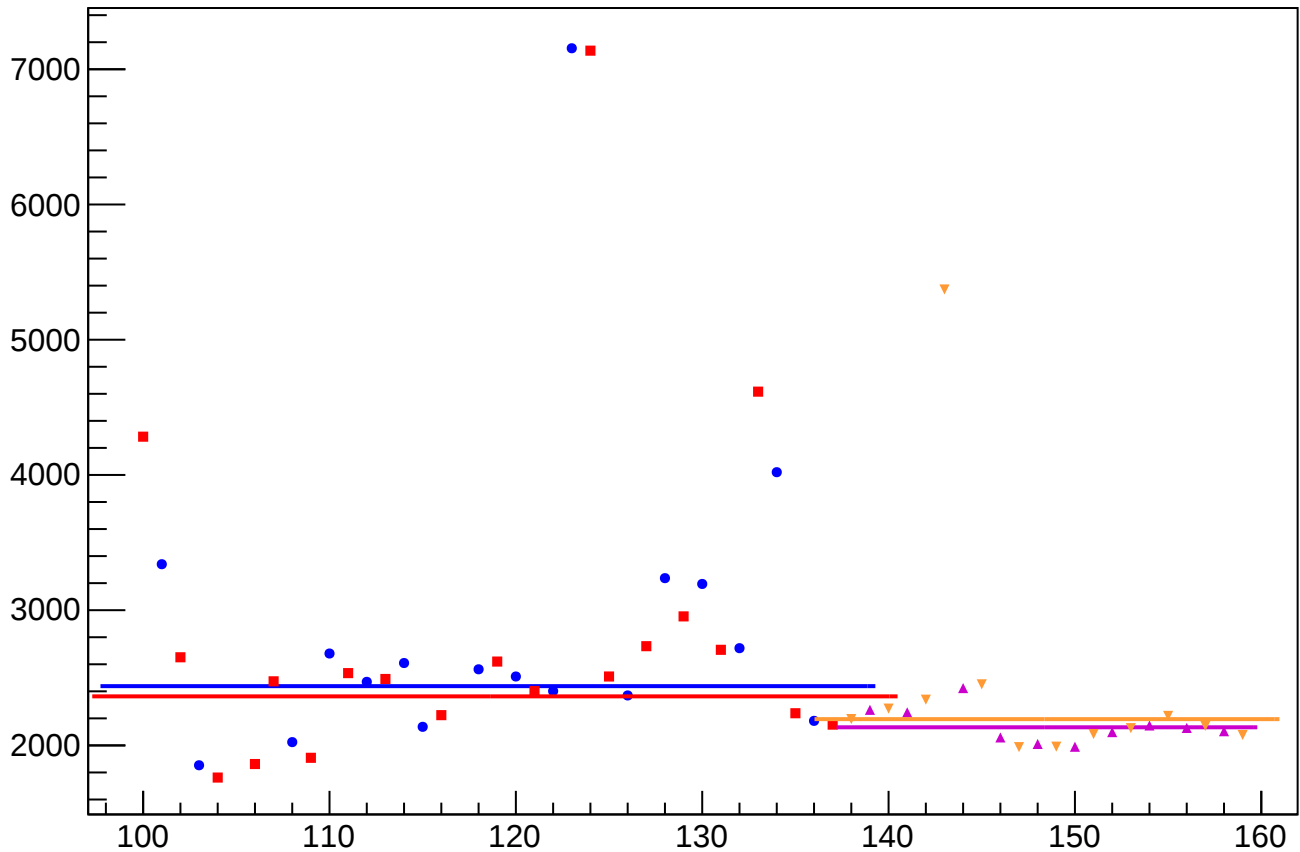
Left In: -433.778 ± 743.831 χ^2/NDF : 5.3/9

+ sign -566.359 ± 587.720 χ^2/NDF : 35.6/28

All: -647.156 ± 412.762 χ^2/NDF : 49.9/57

- sign -725.798 ± 579.826 χ^2/NDF : 14.2/28

asym_at2_dd_rms vs Slug



Right In: 2438.275 ± 0.682 χ^2/NDF : 476723.4/16

Left Out: 2194.328 ± 0.524 χ^2/NDF : 607852.1/11

Right Out: 2362.739 ± 0.655 χ^2/NDF : 657525.3/18

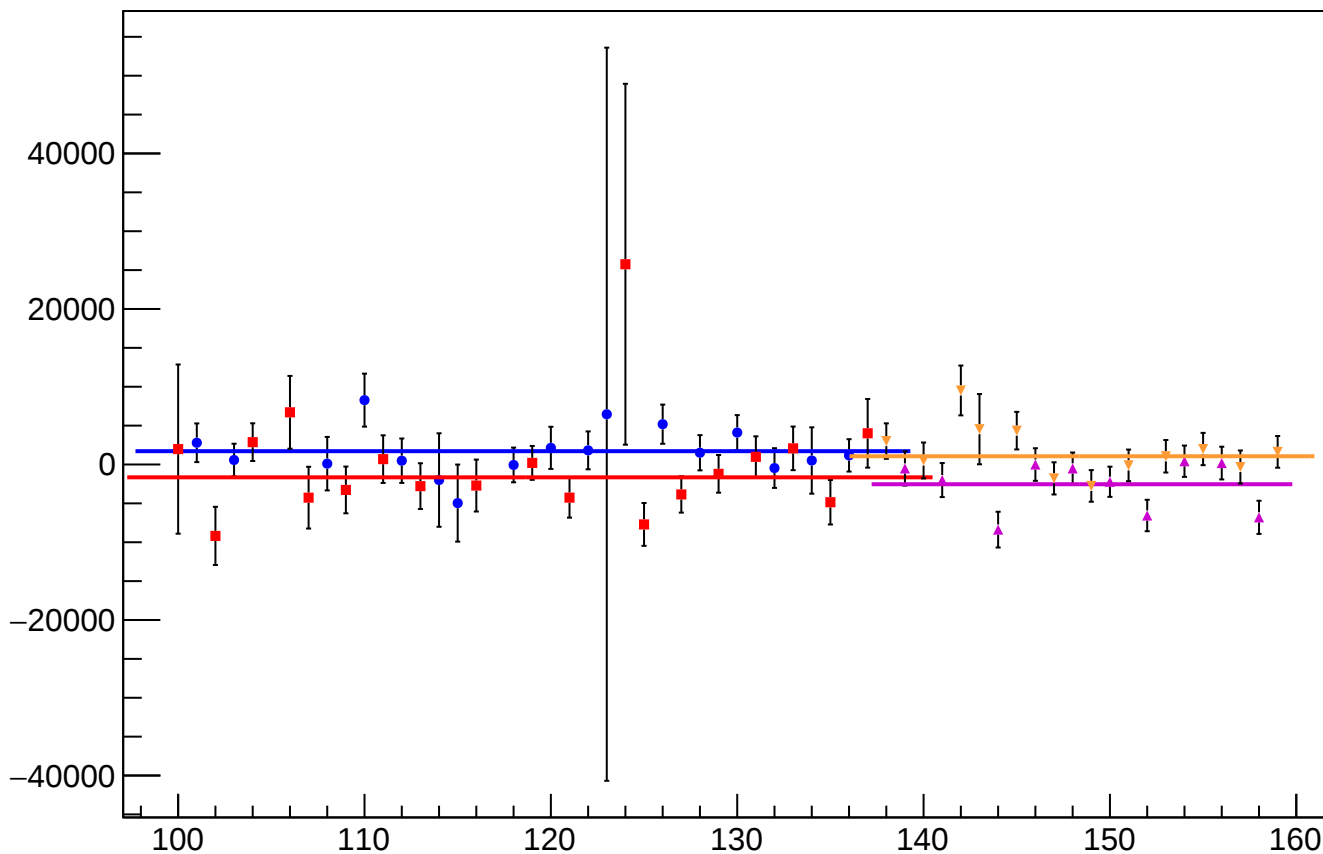
Left In: 2134.004 ± 0.526 χ^2/NDF : 51922.0/9

+ sign 2284.862 ± 0.416 χ^2/NDF : 1164995.8/28

All: 2253.893 ± 0.292 χ^2/NDF : 1959606.7/57

- sign 2223.751 ± 0.410 χ^2/NDF : 783652.6/28

dit_asym_atl_avg_mean vs Slug



Right In: 1712.566 $\pm$ 667.149 χ^2 /NDF: 11.4/16

Left Out: 1061.956 $\pm$ 654.094 χ^2 /NDF: 16.7/11

Right Out: -1650.522 $\pm$ 694.283 χ^2 /NDF: 27.0/18

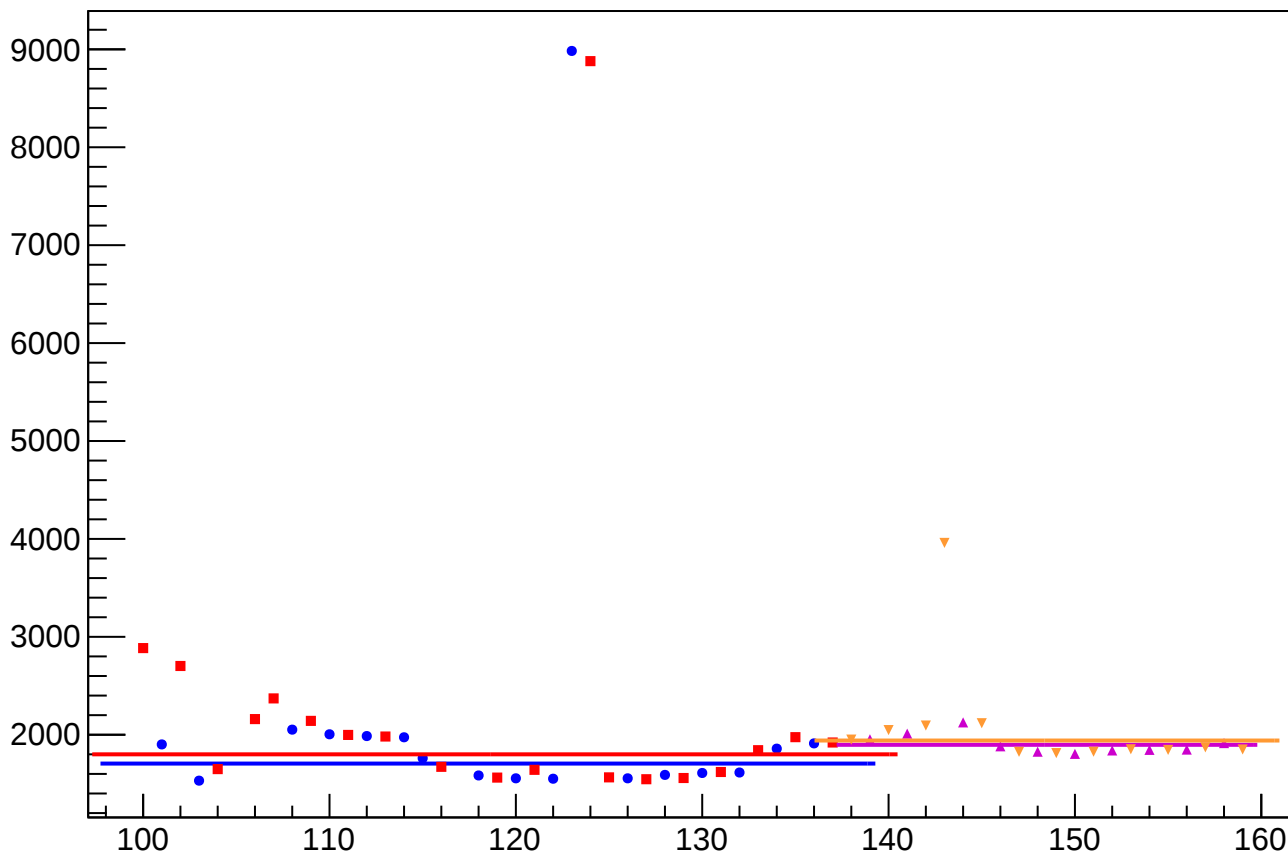
Left In: -2539.535 $\pm$ 662.955 χ^2 /NDF: 21.6/9

+ sign 1380.833 $\pm$ 467.062 χ^2 /NDF: 28.5/28

All: -321.517 $\pm$ 334.564 χ^2 /NDF: 105.2/57

- sign -2115.538 $\pm$ 479.473 χ^2 /NDF: 49.4/28

dit_asym_atl_avg_rms vs Slug



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

Left Out: 1940.969+/-0.463 χ^2/NDF : 453304.5/11

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

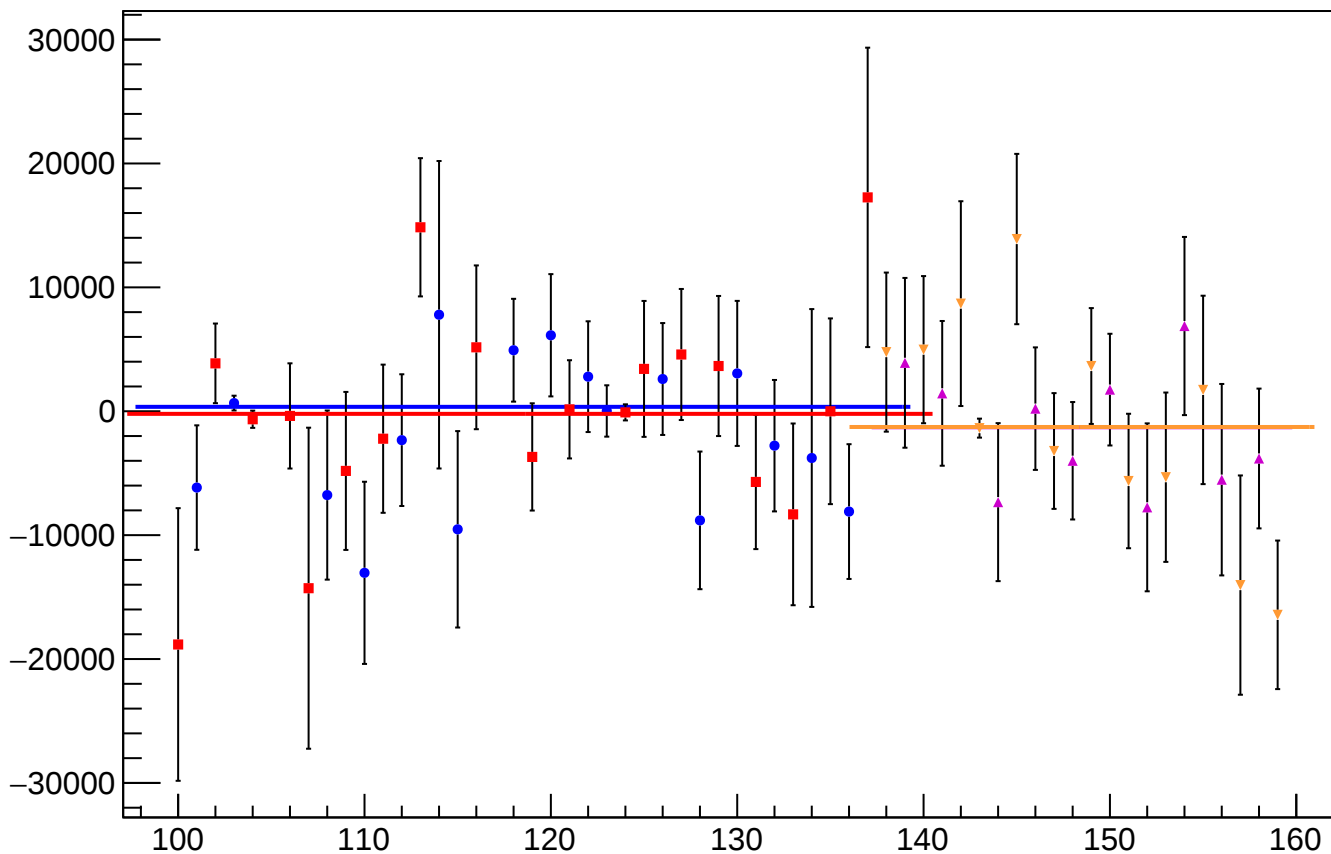
Left In: 1897.181+/-0.469 χ^2/NDF : 37734.3/9

+ sign 1825.621+/-0.330 χ^2/NDF : 774378.6/28

All: 1837.856+/-0.236 χ^2/NDF : 1374255.0/57

- sign 1850.722+/-0.339 χ^2/NDF : 597060.8/28

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1269.412 ± 707.637 χ^2/NDF : 19.2/11

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

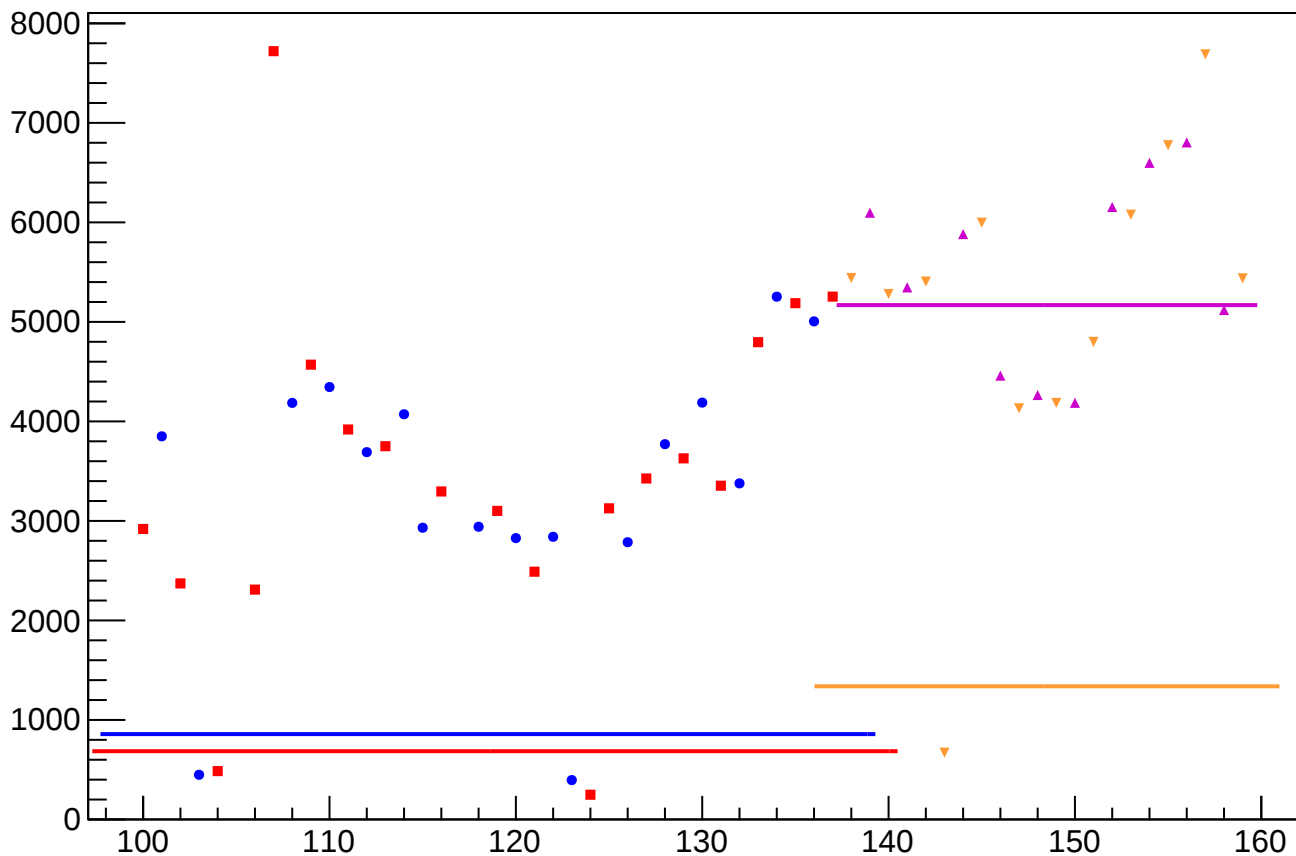
Left In: -1291.268 ± 1828.484 χ^2/NDF : 5.3/9

+ sign -231.993 ± 425.849 χ^2/NDF : 40.1/28

All: -251.030 ± 303.917 χ^2/NDF : 67.1/57

- sign -270.792 ± 433.871 χ^2/NDF : 27.0/28

asym_atl_avg_correction_rms vs Slug



Right In: 857.472 $\pm$ 0.377 χ^2 /NDF: 8175260.6/16

Left Out: 1337.890 $\pm$ 0.500 χ^2 /NDF:10837932.0/11

Right Out: 685.800 $\pm$ 0.316 χ^2 /NDF: 9461114.1/18

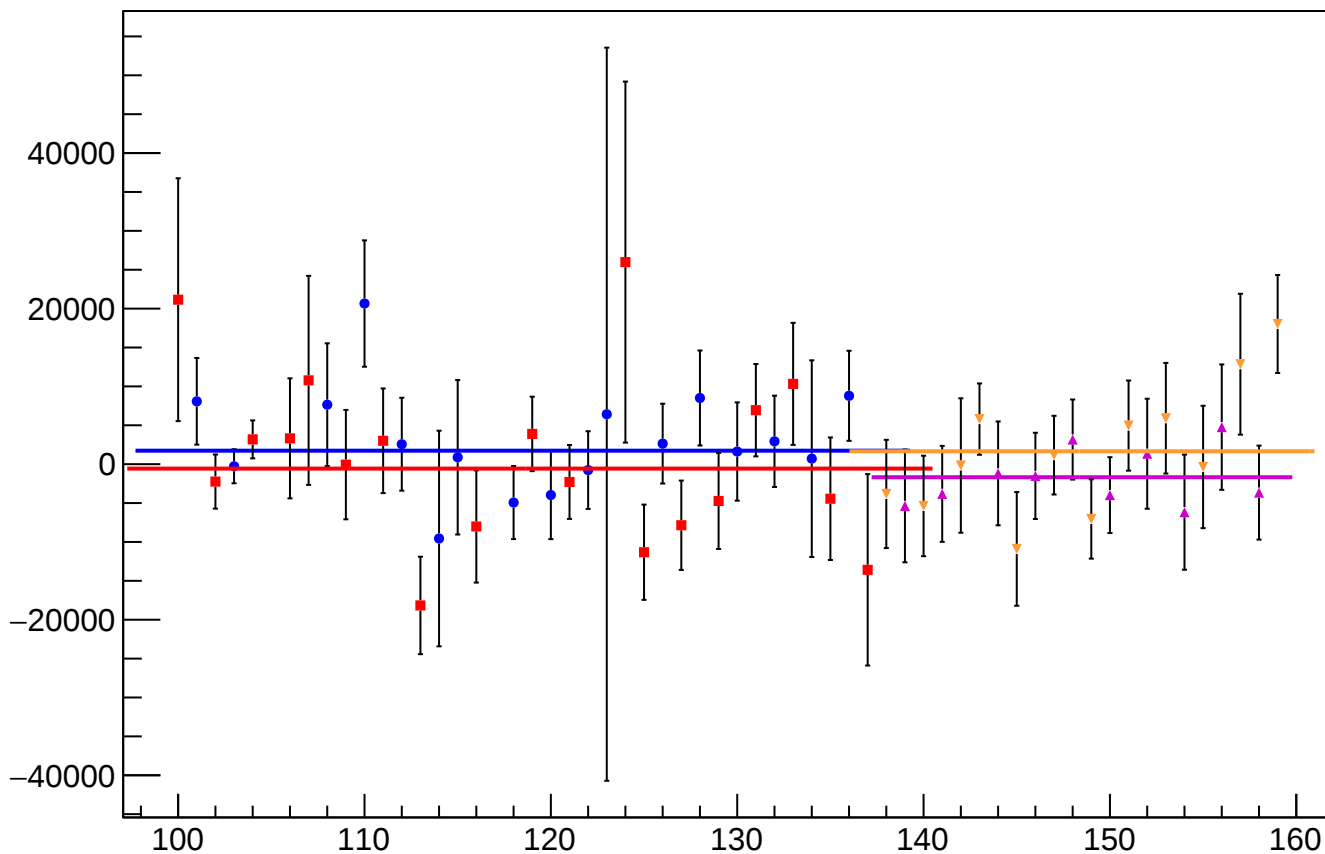
Left In: 5168.761 $\pm$ 1.293 χ^2 /NDF:483333.6/9

+ sign 1031.456 $\pm$ 0.301 χ^2 /NDF: 19601177.1/28

All: 985.703 $\pm$ 0.215 χ^2 /NDF: 40937814.6/57

- sign 938.209 $\pm$ 0.307 χ^2 /NDF: 21289585.2/28

asym_atl_avg_mean vs Slug



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

Left Out: 1658.573+/-1810.998 χ^2/NDF : 17.6/11

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

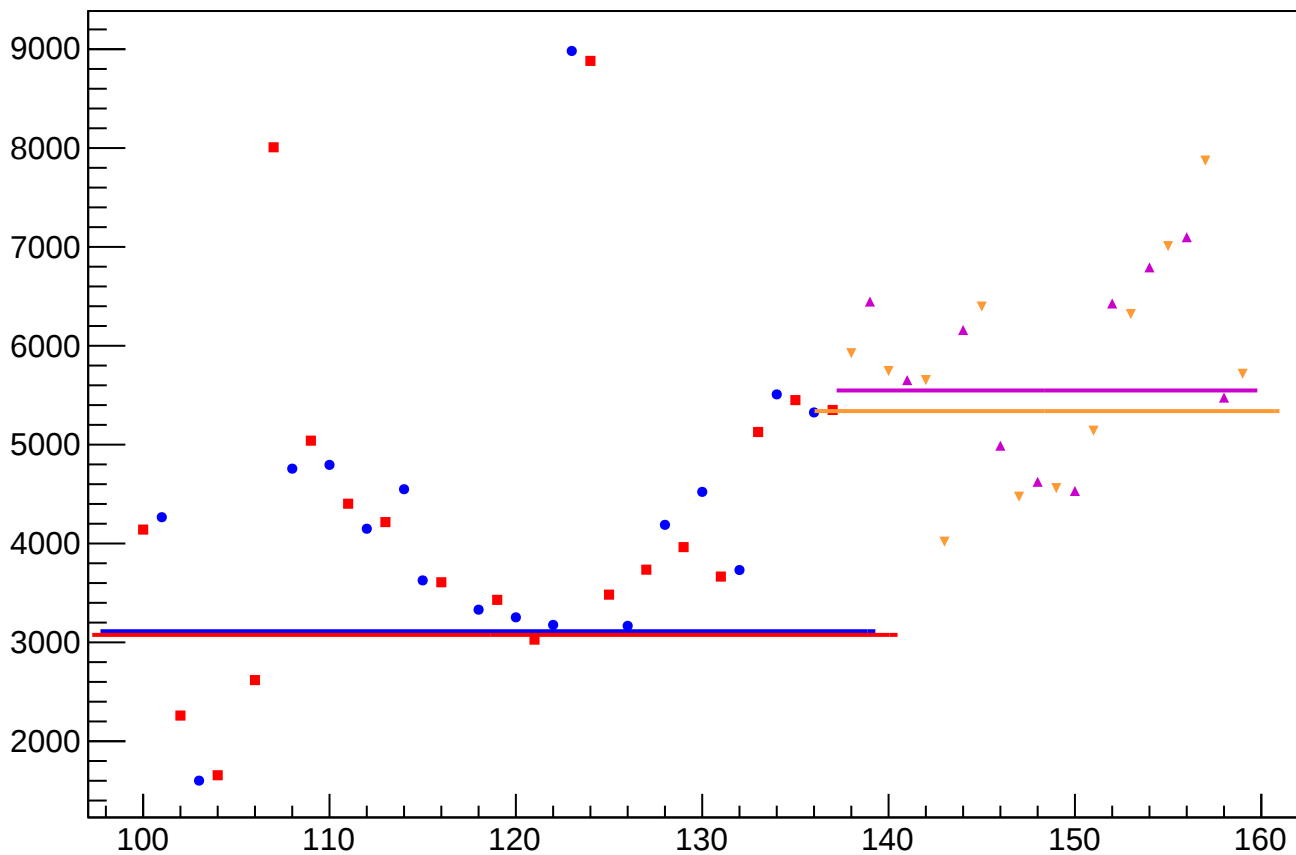
Left In: -1678.196+/-1957.258 χ^2/NDF : 2.8/9

+ sign 1707.752+/-1058.542 χ^2/NDF : 32.5/28

All: 422.829+/-754.236 χ^2/NDF : 65.6/57

- sign -902.231+/-1074.948 χ^2/NDF : 30.1/28

asym_atl_avg_rms vs Slug



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

Left Out: 5339.363+/-1.281 χ^2/NDF : 631921.4/11

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

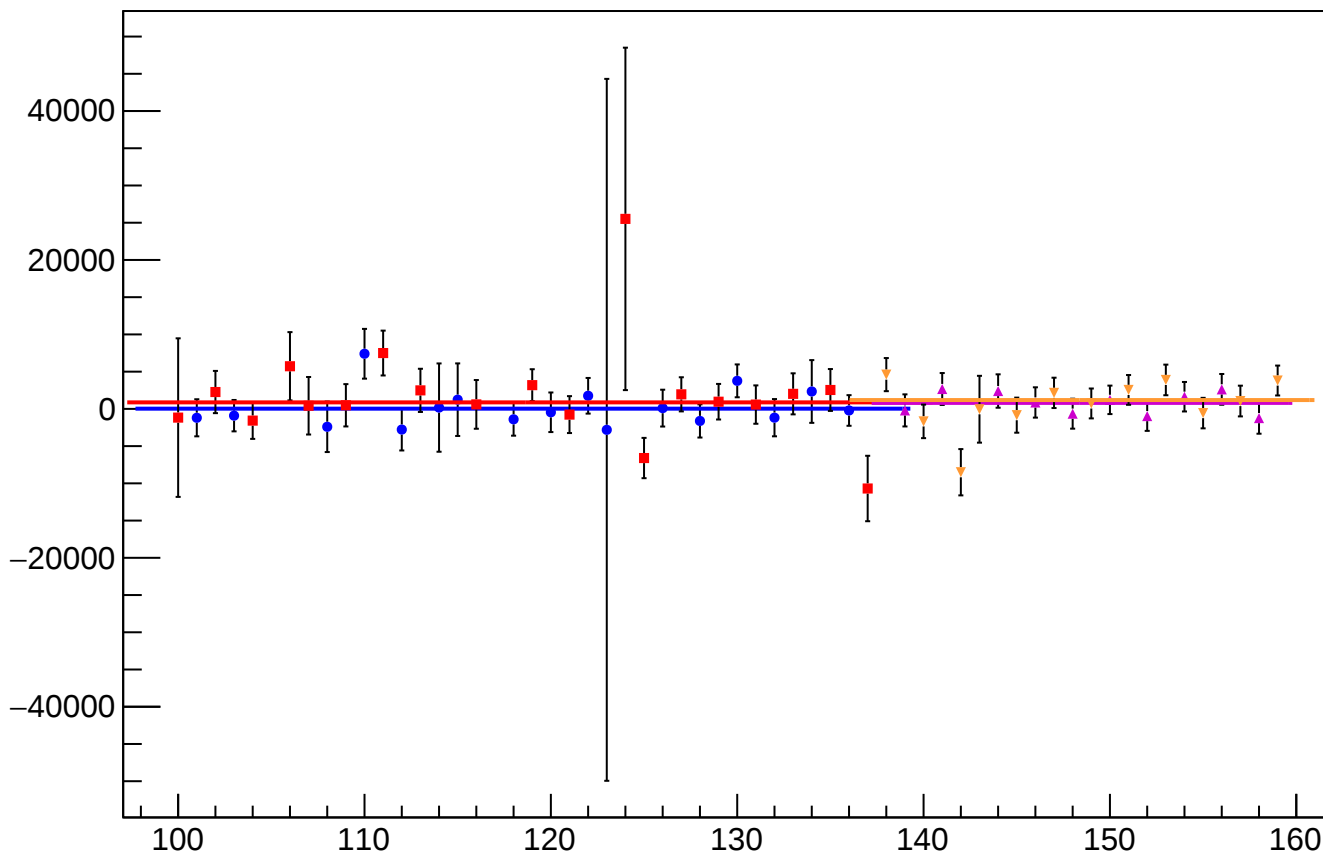
Left In: 5547.960+/-1.384 χ^2/NDF : 381485.6/9

+ sign 3873.423+/-0.748 χ^2/NDF : 4506956.6/28

All: 3840.042+/-0.531 χ^2/NDF : 9151396.8/57

- sign 3806.314+/-0.752 χ^2/NDF : 4640441.6/28

dit_asym_atl_dd_mean vs Slug



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

Left Out: 1184.268 ± 641.469 χ^2/NDF : 19.4/11

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

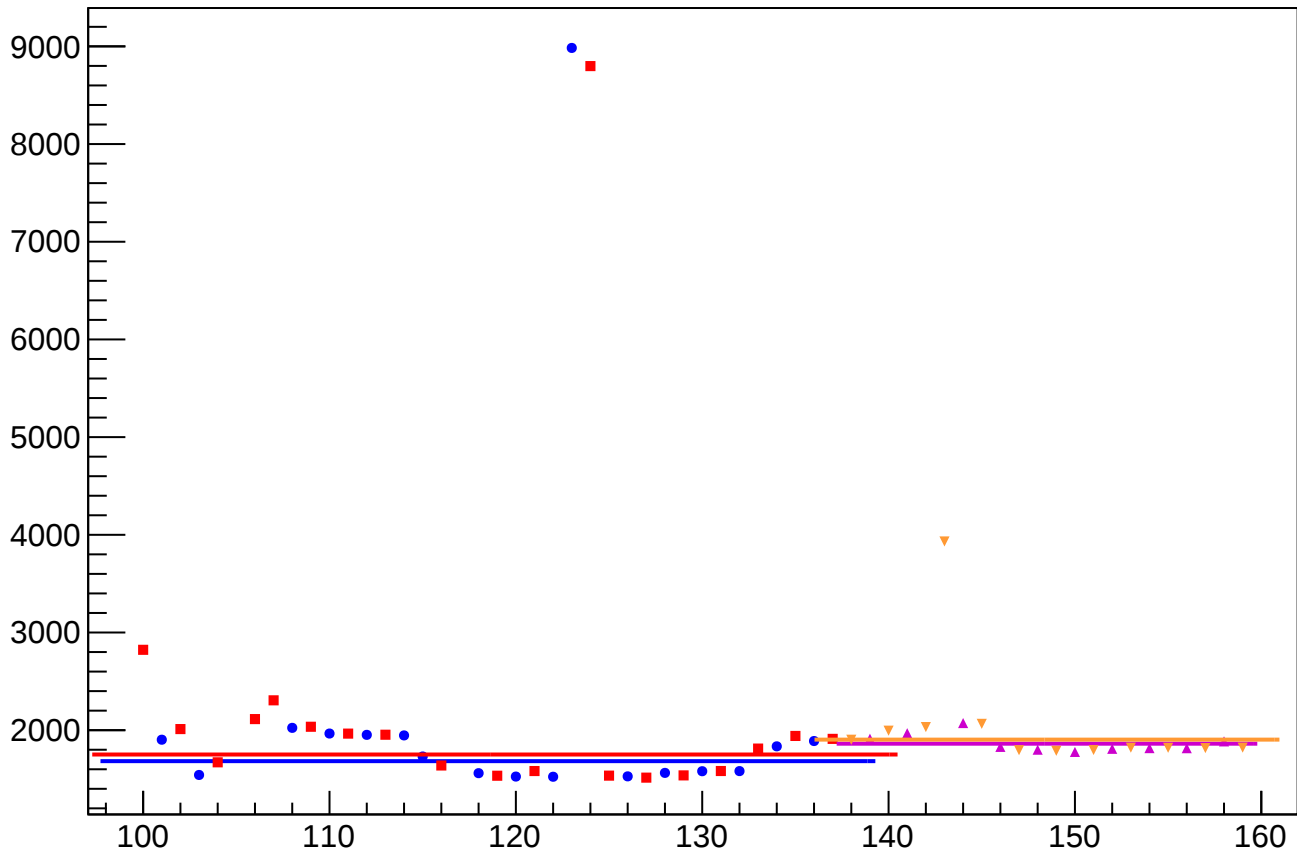
Left In: 805.072 ± 650.472 χ^2/NDF : 4.7/9

+ sign 621.731 ± 459.457 χ^2/NDF : 32.8/28

All: 728.201 ± 327.797 χ^2/NDF : 63.3/57

- sign 838.576 ± 467.806 χ^2/NDF : 30.4/28

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1903.470+/-0.454 χ^2/NDF : 455989.8/11

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

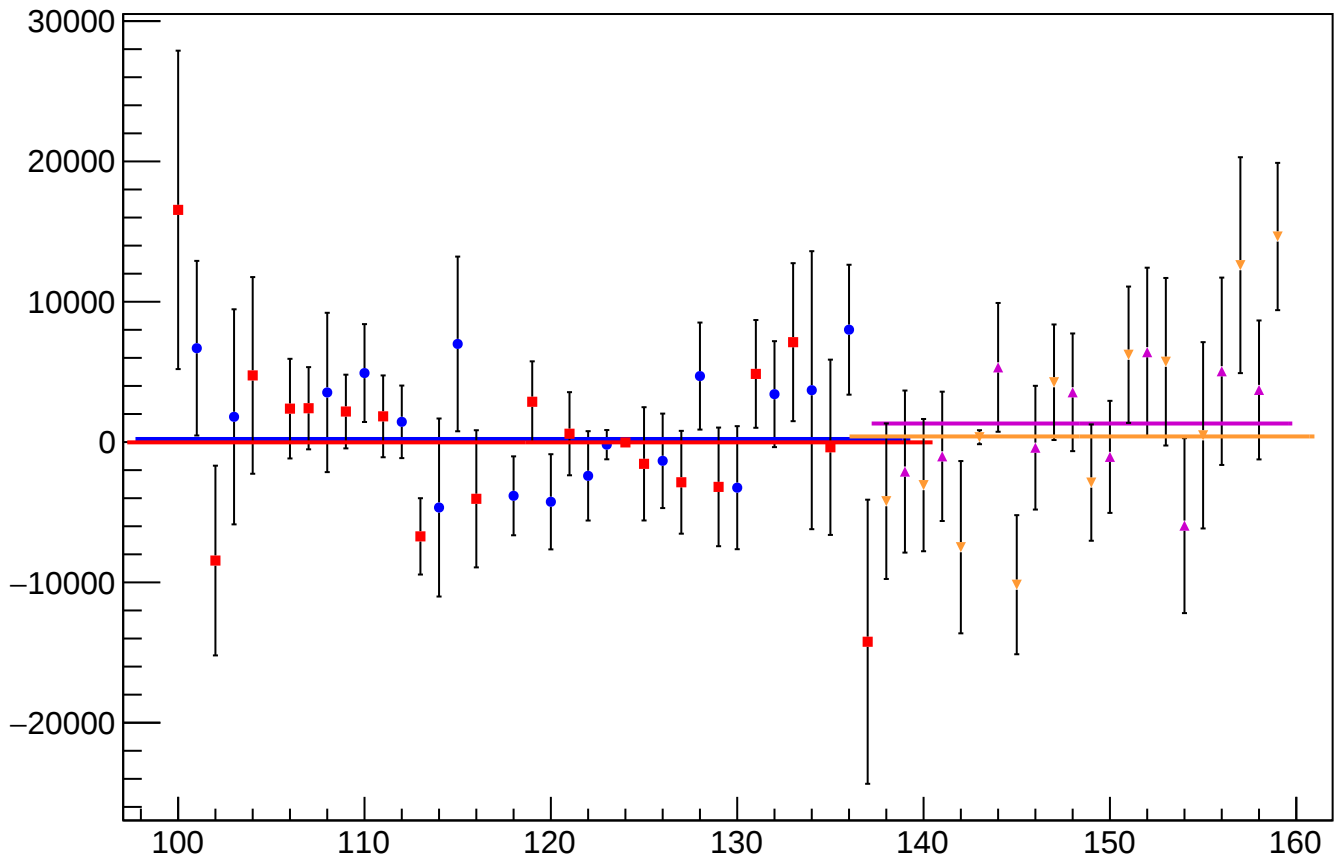
Left In: 1861.866+/-0.460 χ^2/NDF : 33815.4/9

+ sign 1796.167+/-0.325 χ^2/NDF : 766767.3/28

All: 1802.112+/-0.232 χ^2/NDF : 1256402.8/57

- sign 1808.261+/-0.330 χ^2/NDF : 488954.3/28

asym_atl_dd_correction_mean vs Slug



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

Left Out: 400.543 $\pm$ 475.662 χ^2/NDF : 21.1/11

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

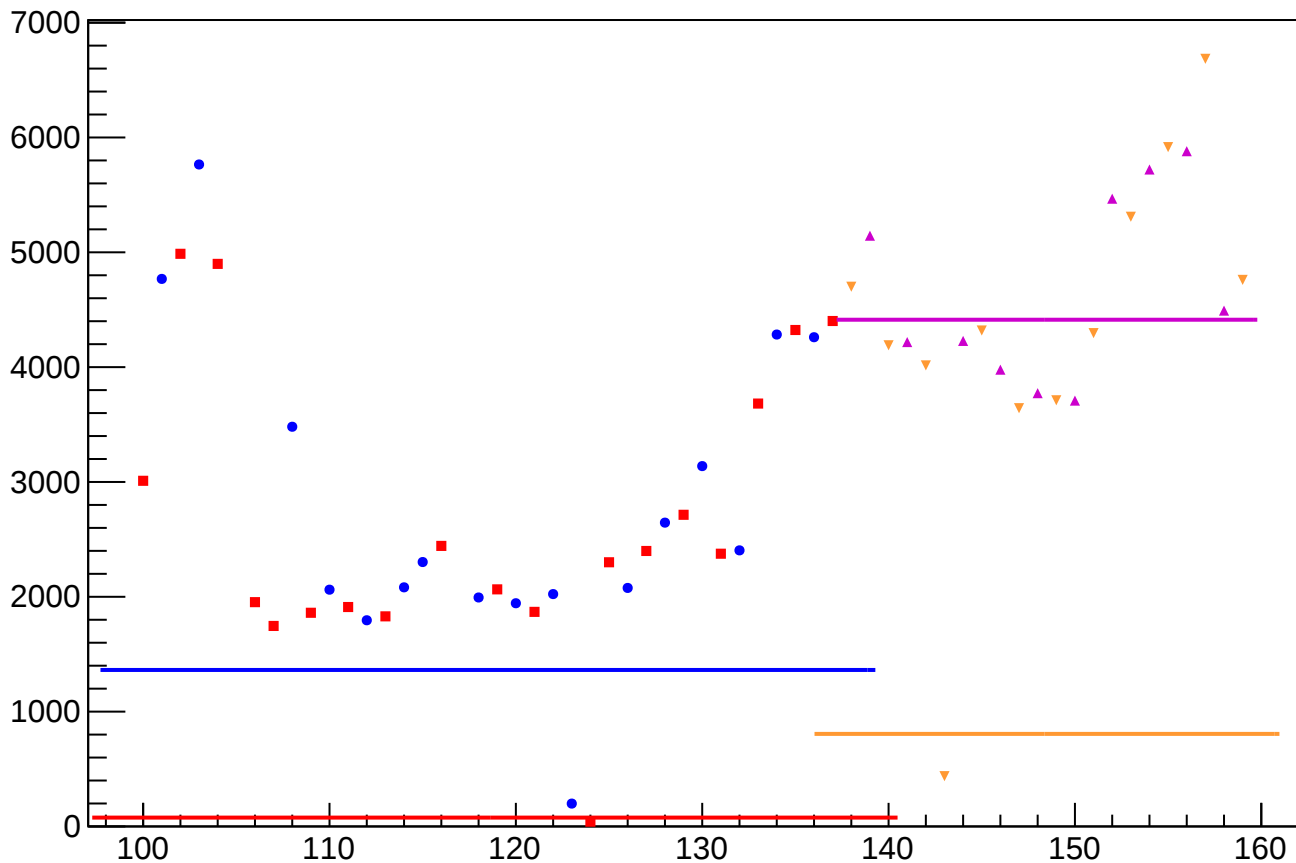
Left In: 1322.507 $\pm$ 1557.644 χ^2/NDF : 4.8/9

+ sign 345.726 $\pm$ 397.028 χ^2/NDF : 36.9/28

All: 14.155 $\pm$ 109.417 χ^2/NDF : 63.9/57

- sign -13.098 $\pm$ 113.824 χ^2/NDF : 26.2/28

asym_atl_dd_correction_rms vs Slug



Right In: 1362.842 $\pm$ 0.510 χ^2 /NDF: 6235846.3/16

Left Out: 806.052 $\pm$ 0.336 χ^2 /NDF: 12247412.4/11

Right Out: 77.129 $\pm$ 0.081 χ^2 /NDF: 13248048.9/18

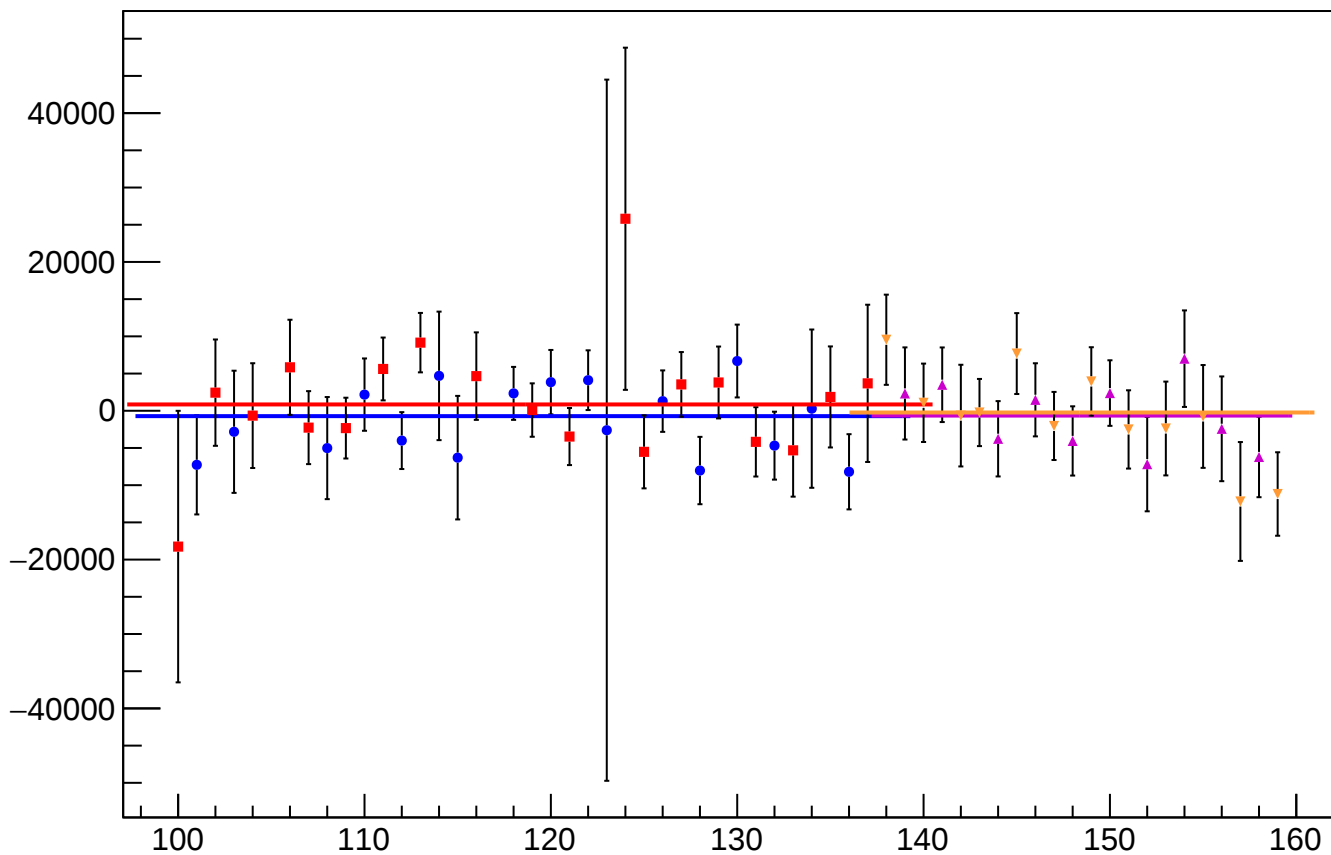
Left In: 4412.899 $\pm$ 1.101 χ^2 /NDF: 413664.2/9

+ sign 974.927 $\pm$ 0.281 χ^2 /NDF: 19314429.3/28

All: 166.710 $\pm$ 0.077 χ^2 /NDF: 57358692.4/57

- sign 100.281 $\pm$ 0.080 χ^2 /NDF: 29075193.9/28

asym_atl_dd_mean vs Slug



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

Left Out: -232.690 ± 1596.430 χ^2/NDF : 12.1/11

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

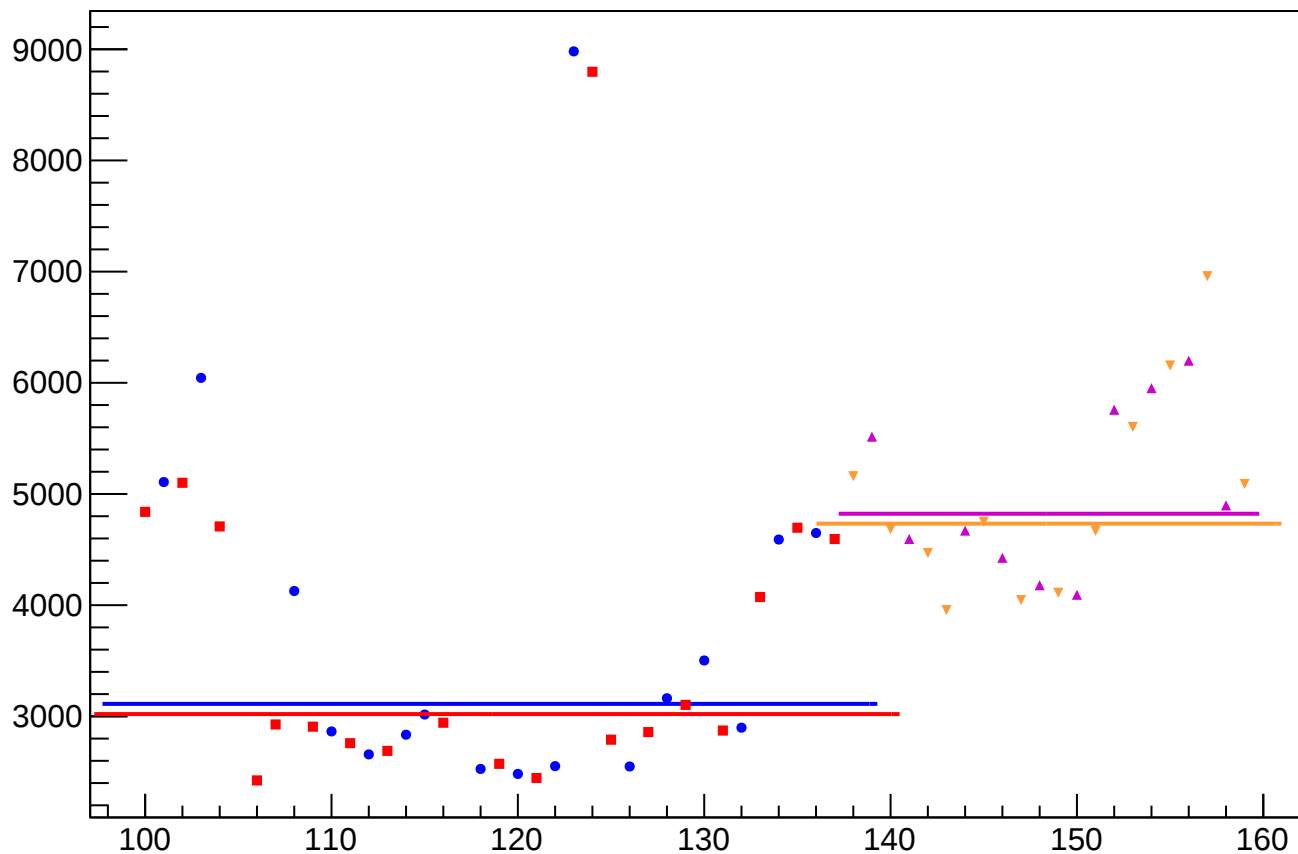
Left In: -646.483 ± 1697.333 χ^2/NDF : 6.1/9

+ sign -535.244 ± 985.424 χ^2/NDF : 26.9/28

All: -85.247 ± 693.239 χ^2/NDF : 49.9/57

- sign 355.667 ± 975.428 χ^2/NDF : 22.6/28

asym_atl_dd_rms vs Slug



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

Left Out: 4733.101+/-1.129 χ^2/NDF : 440700.9/11

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

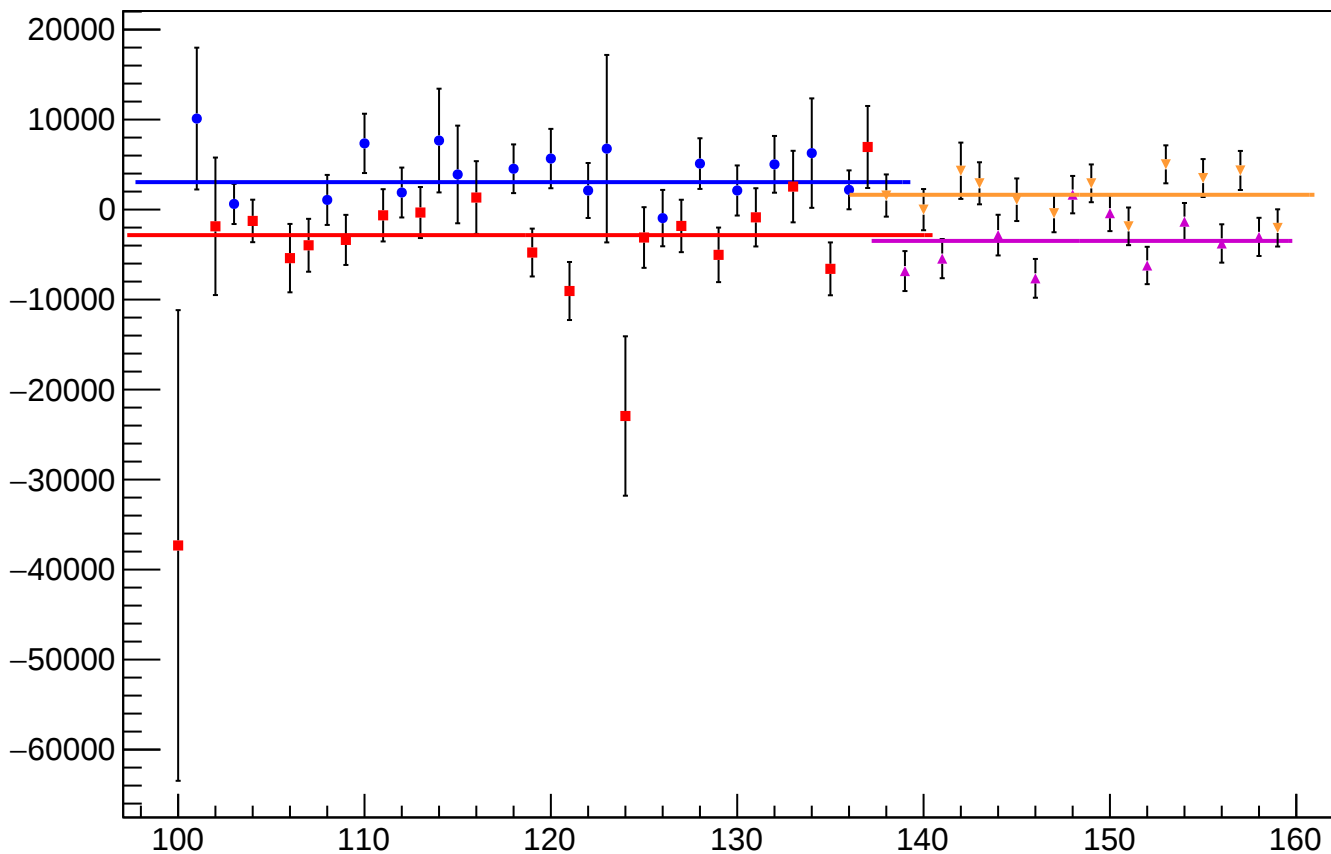
Left In: 4822.308+/-1.200 χ^2/NDF : 318010.0/9

+ sign 3729.810+/-0.697 χ^2/NDF : 2675358.8/28

All: 3666.504+/-0.488 χ^2/NDF : 5325932.3/57

- sign 3605.514+/-0.684 χ^2/NDF : 2634367.2/28

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1643.072+/-643.909 χ^2/NDF :13.8/11

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

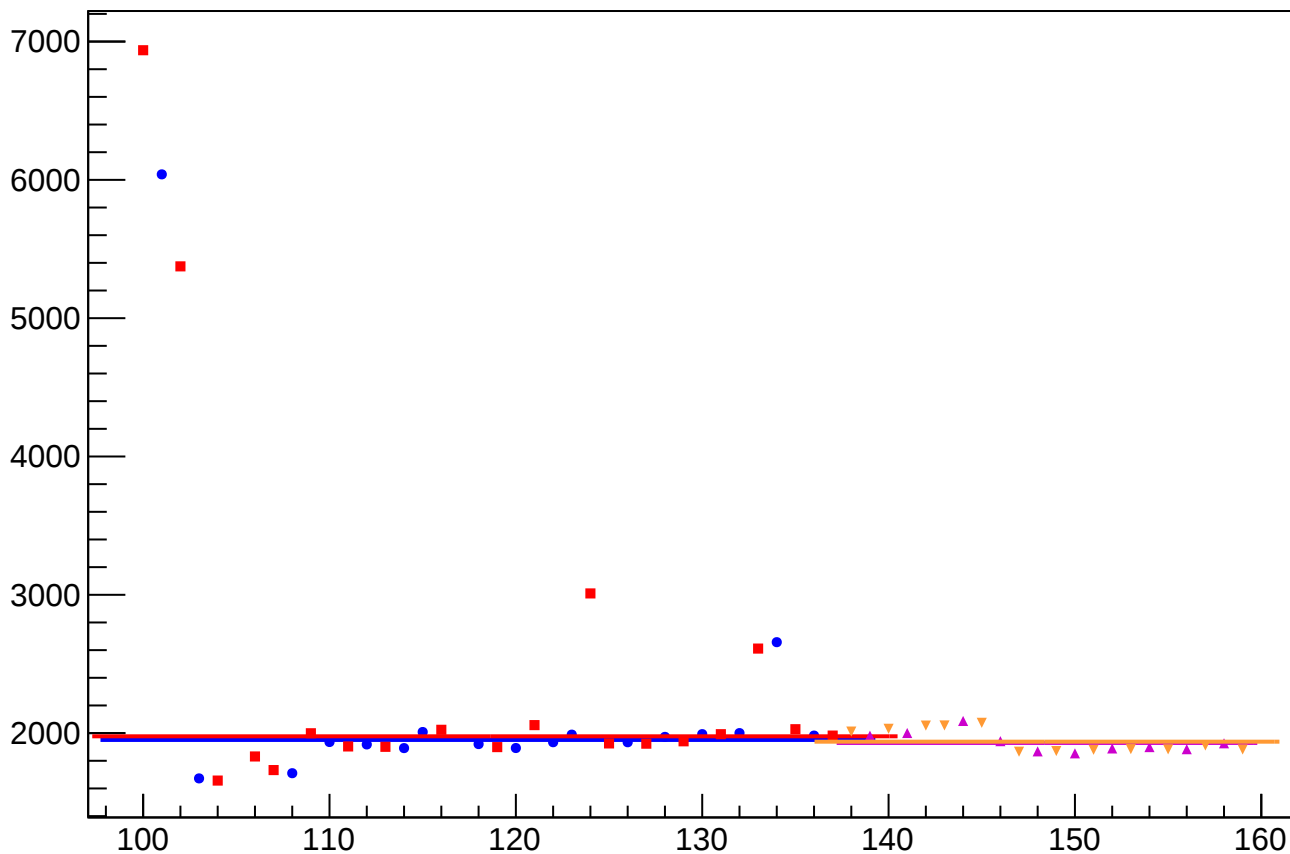
Left In: -3481.121+/-671.916 χ^2/NDF :18.3/9

+ sign 2219.632+/-494.567 χ^2/NDF : 25.0/28

All: -433.986+/-353.374 χ^2/NDF : 126.3/57

- sign -3201.729+/-505.090 χ^2/NDF : 42.4/28

dit_asym_atr_avg_rms vs Slug



Right In: 1950.692 $\pm$ 0.546 χ^2 /NDF: 615165.3/16

Left Out: 1938.177 $\pm$ 0.455 χ^2 /NDF:30241.3/11

Right Out: 1976.980 $\pm$ 0.541 χ^2 /NDF: 607706.4/18

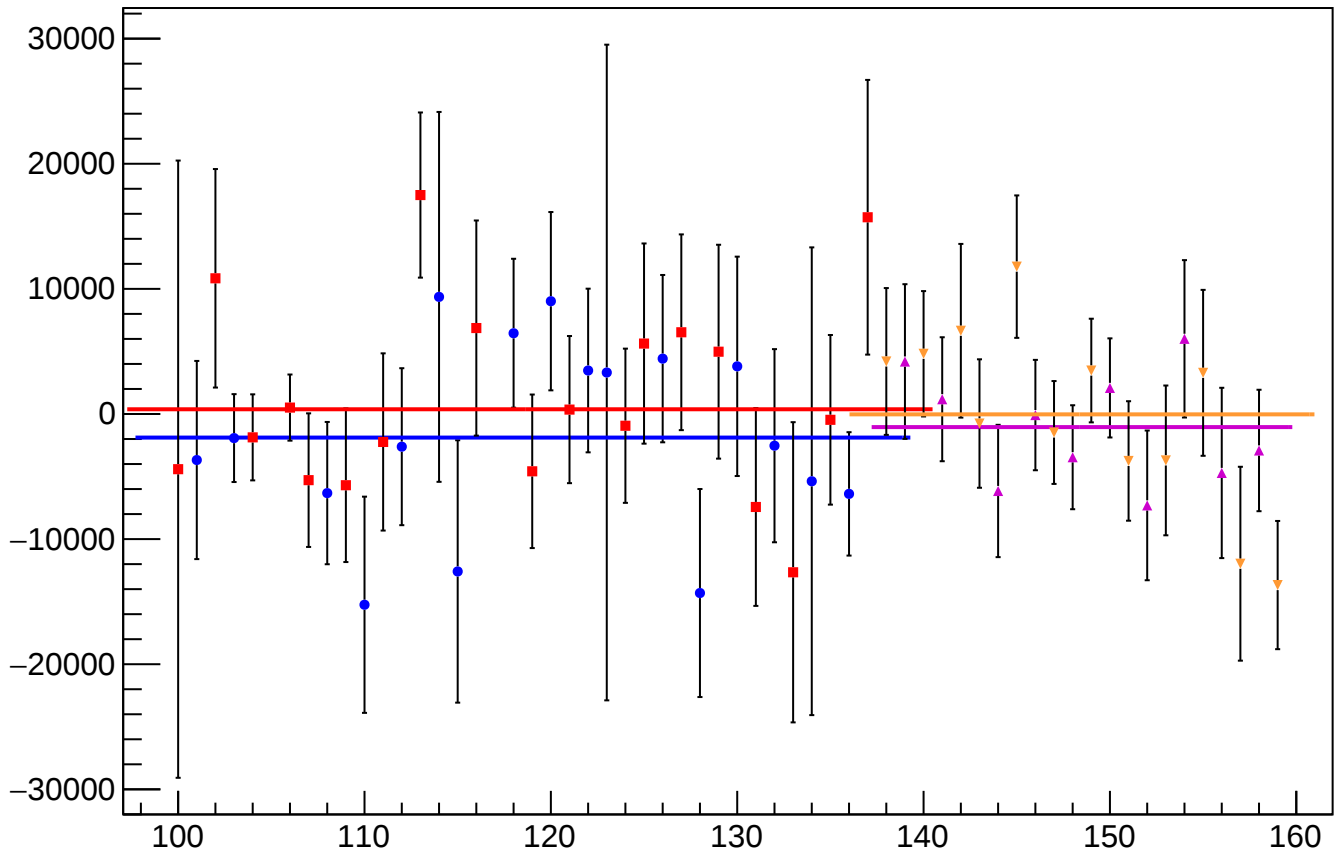
Left In: 1929.023 $\pm$ 0.475 χ^2 /NDF:19890.6/9

+ sign 1943.309 $\pm$ 0.350 χ^2 /NDF: 645716.4/28

All: 1946.533 $\pm$ 0.250 χ^2 /NDF: 1277921.2/57

- sign 1949.895 $\pm$ 0.357 χ^2 /NDF: 632031.2/28

asym_atr_avg_correction_mean vs Slug



Right In: -1885.285 ± 1657.979 $\chi^2/\text{NDF}: 14.1/16$

Left Out: -29.489 ± 1533.619 $\chi^2/\text{NDF}: 18.2/11$

Right Out: 376.861 ± 1359.615 $\chi^2/\text{NDF}: 17.6/18$

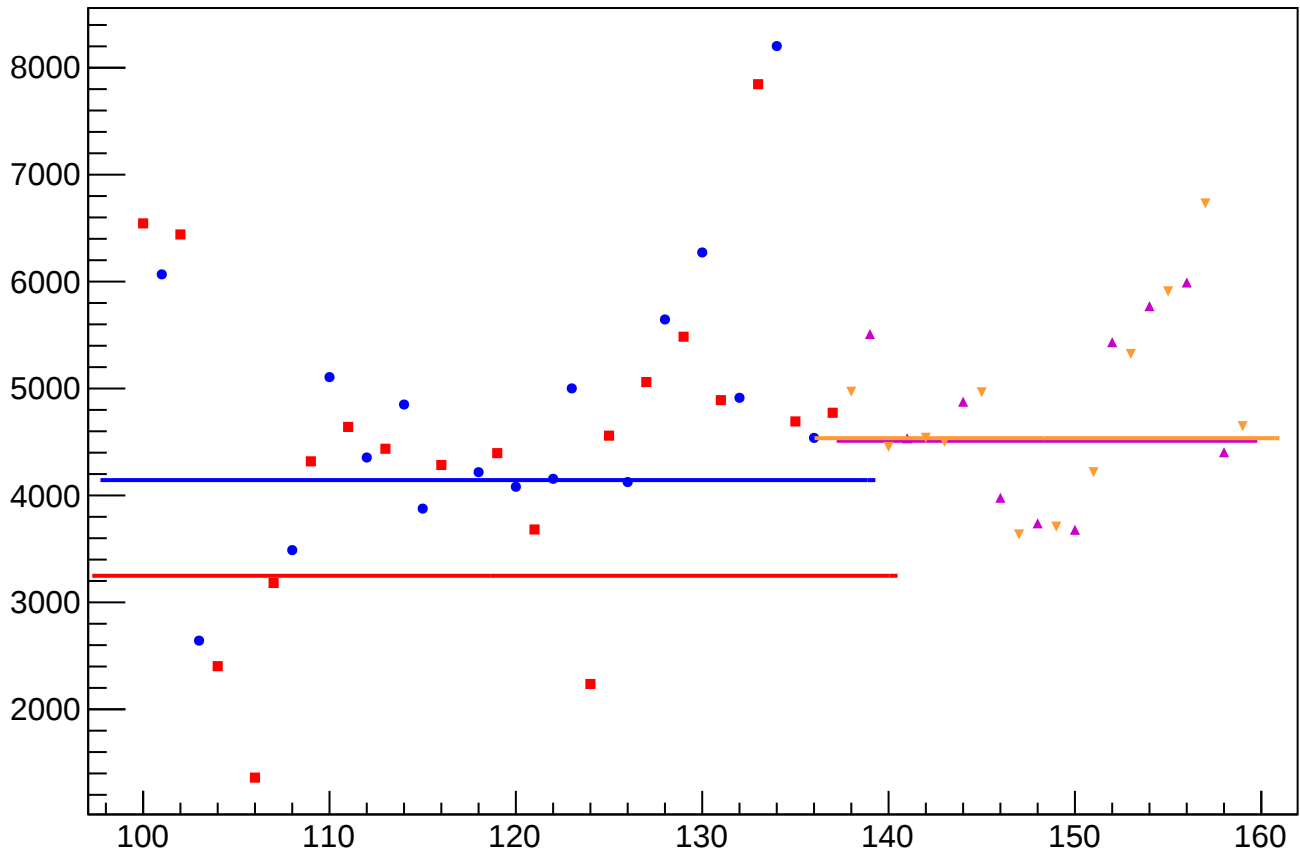
Left In: -1047.955 ± 1595.177 $\chi^2/\text{NDF}: 5.7/9$

+ sign -885.186 ± 1125.833 $\chi^2/\text{NDF}: 33.0/28$

All: -526.052 ± 761.849 $\chi^2/\text{NDF}: 56.9/57$

- sign -222.675 ± 1034.754 $\chi^2/\text{NDF}: 23.7/28$

asym_atr_avg_correction_rms vs Slug



Right In: 4143.478+/-1.172 χ^2/NDF : 855972.6/16

Left Out: 4535.634+/-1.084 χ^2/NDF : 489342.0/11

+ sign 4354.813+/-0.796 χ^2/NDF : 1405612.4/28

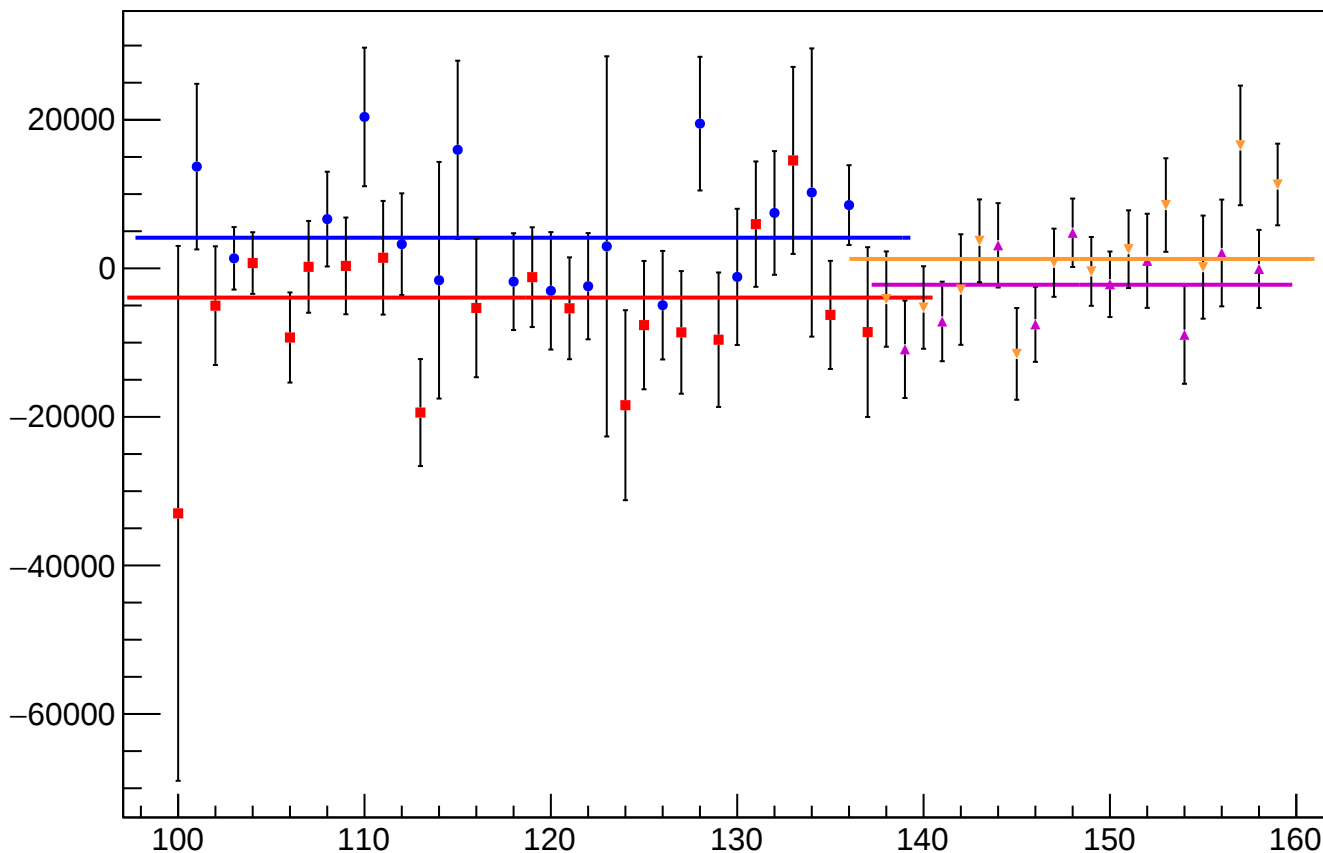
Right Out: 3248.634+/-0.961 χ^2/NDF : 2617775.0/18

All: 4043.193+/-0.539 χ^2/NDF : 5503564.8/57

Left In: 4511.332+/-1.128 χ^2/NDF : 471654.2/9

- sign 3779.954+/-0.732 χ^2/NDF : 3815289.9/28

asym_atr_avg_mean vs Slug



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

Left Out: 1267.379 $\pm$ 1670.881 χ^2 /NDF:15.4/11

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

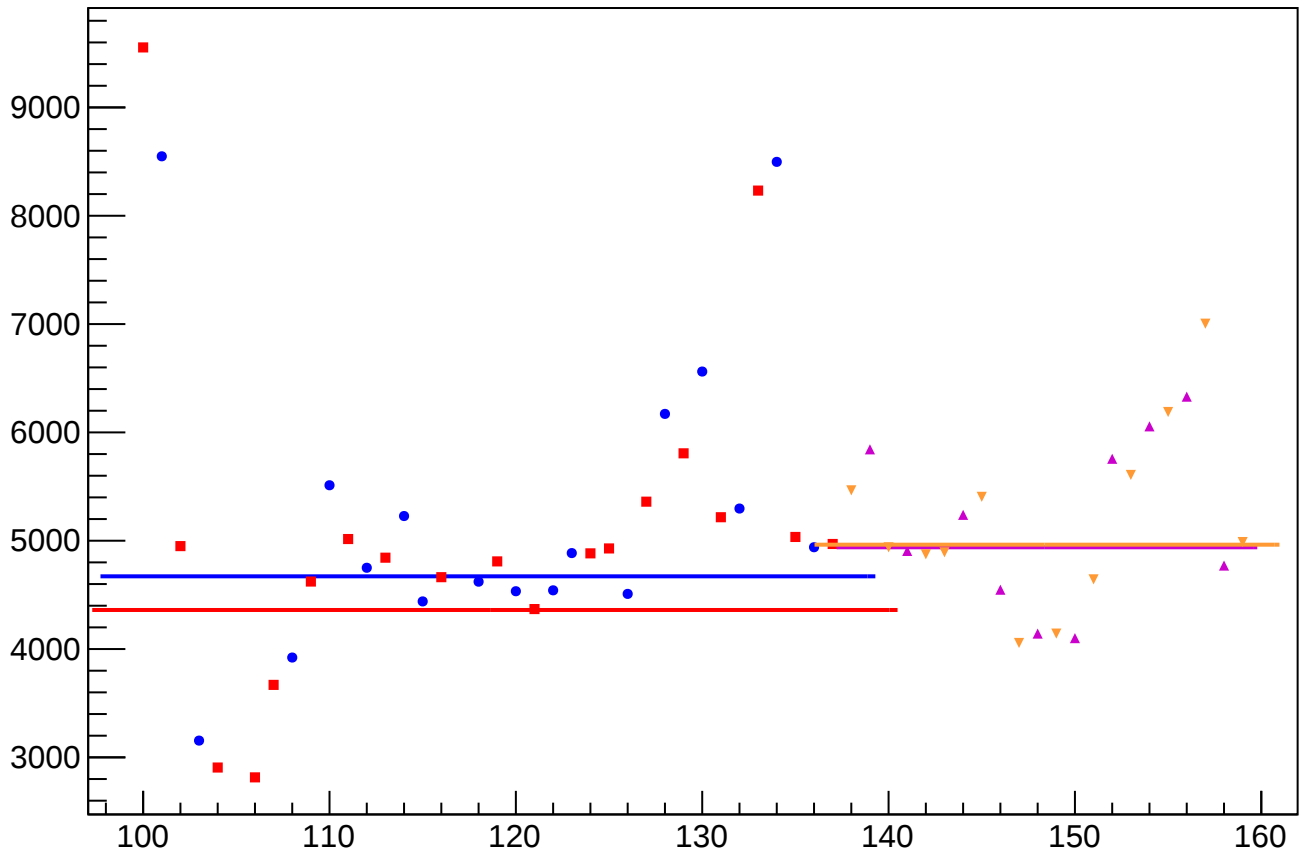
Left In: -2204.948 $\pm$ 1740.053 χ^2 /NDF:8.7/9

+ sign 2541.974 $\pm$ 1243.905 χ^2 /NDF: 30.3/28

All: -309.718 $\pm$ 872.894 χ^2 /NDF: 64.8/57

- sign -3076.407 $\pm$ 1225.226 χ^2 /NDF: 24.1/28

asym_atr_avg_rms vs Slug



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

Left Out: 4963.381+/-1.181 χ^2/NDF : 383095.0/11

+ sign 4833.186+/-0.880 χ^2/NDF : 1196447.1/28

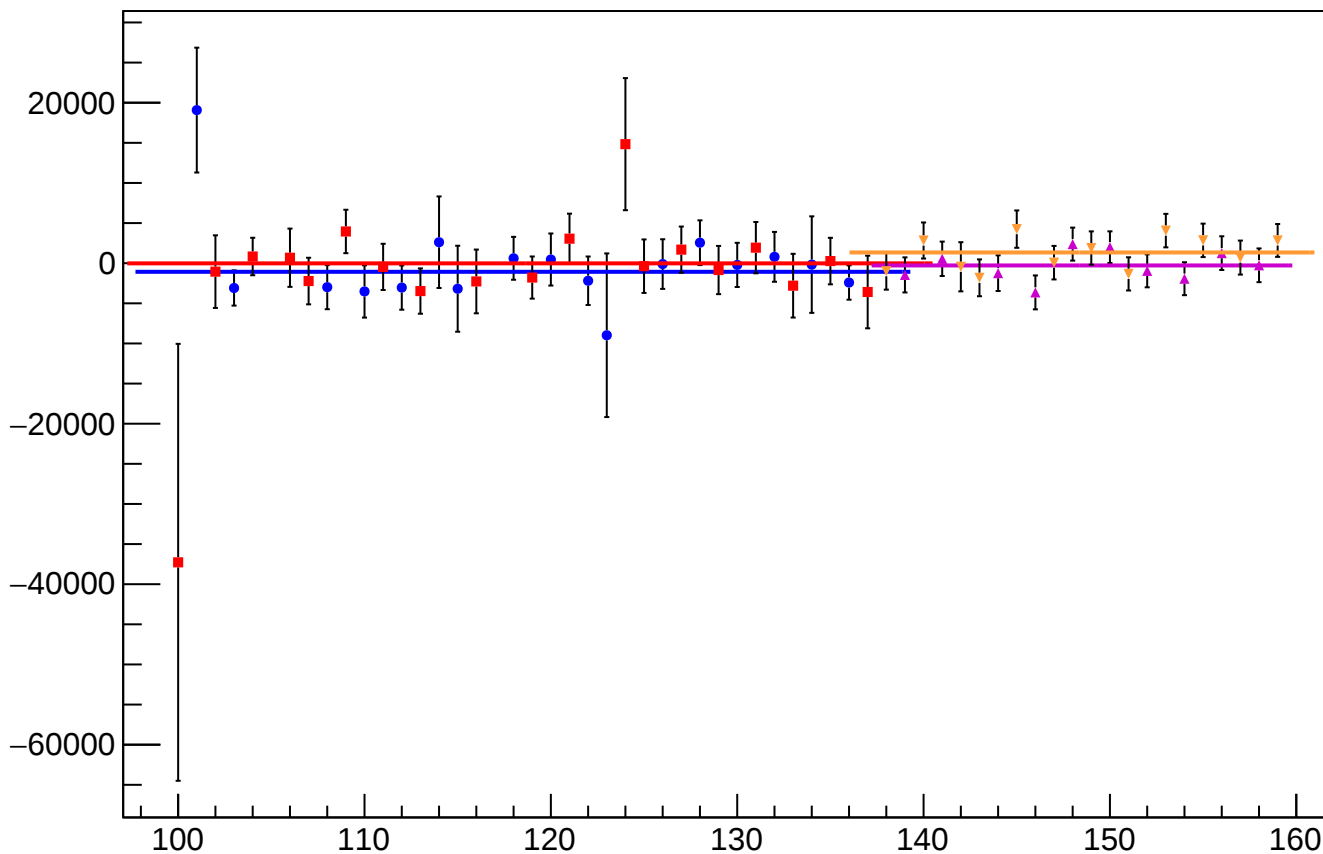
Right Out: 4360.531+/-1.213 χ^2/NDF : 834123.3/18

All: 4737.804+/-0.616 χ^2/NDF : 2521089.5/57

- sign 4645.805+/-0.864 χ^2/NDF : 1301540.5/28

Left In: 4939.292+/-1.230 χ^2/NDF : 355217.1/9

dit_asym_atr_dd_mean vs Slug



Right In: -1071.254 ± 762.970 χ^2/NDF : 13.7/16

Left Out: 1339.288 ± 634.489 χ^2/NDF : 10.2/11

Right Out: -19.222 ± 747.810 χ^2/NDF : 13.3/18

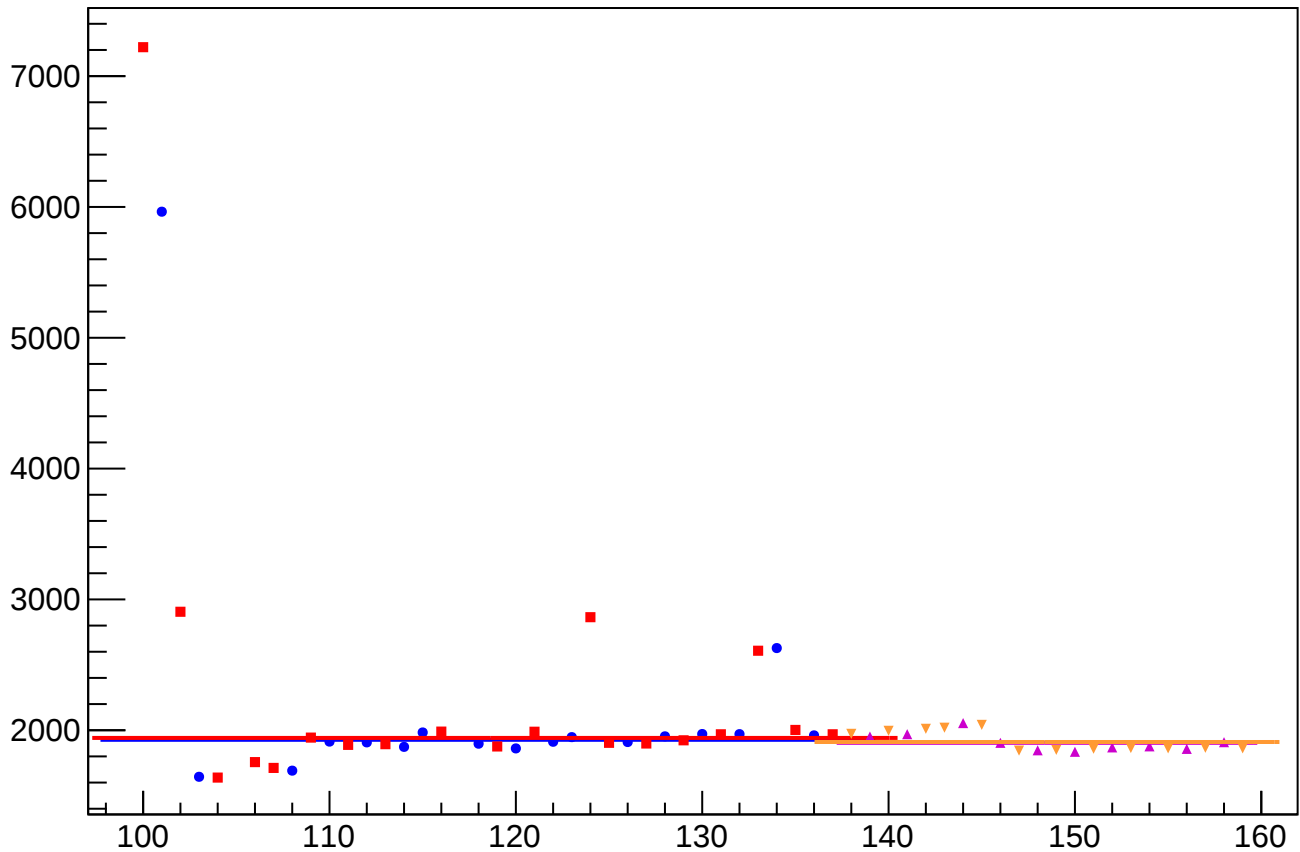
Left In: -278.973 ± 663.026 χ^2/NDF : 7.4/9

+ sign 353.782 ± 487.843 χ^2/NDF : 29.8/28

All: 98.921 ± 347.843 χ^2/NDF : 51.2/57

- sign -164.651 ± 496.109 χ^2/NDF : 20.8/28

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1910.117+/-0.449 χ^2/NDF : 26358.9/11

+ sign 1916.974+/-0.345 χ^2/NDF : 644046.6/28

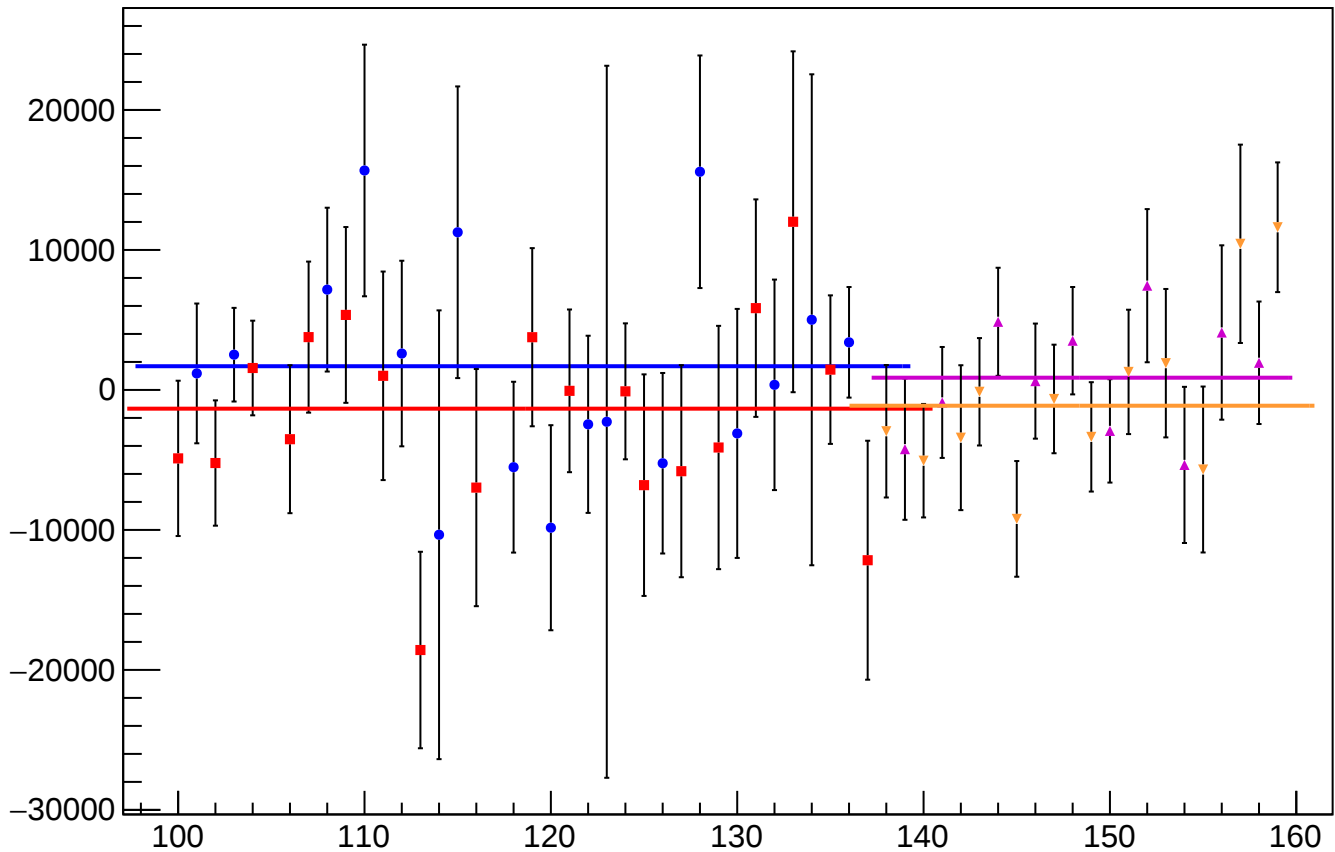
Right Out: 1941.261+/-0.528 χ^2/NDF : 304367.3/18

All: 1918.587+/-0.246 χ^2/NDF : 969212.8/57

Left In: 1903.713+/-0.469 χ^2/NDF : 17929.0/9

- sign 1920.253+/-0.351 χ^2/NDF : 325121.7/28

asym_atr_dd_correction_mean vs Slug



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

Left Out: -1127.546+/-1310.120 χ^2/NDF : 17.0/11

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

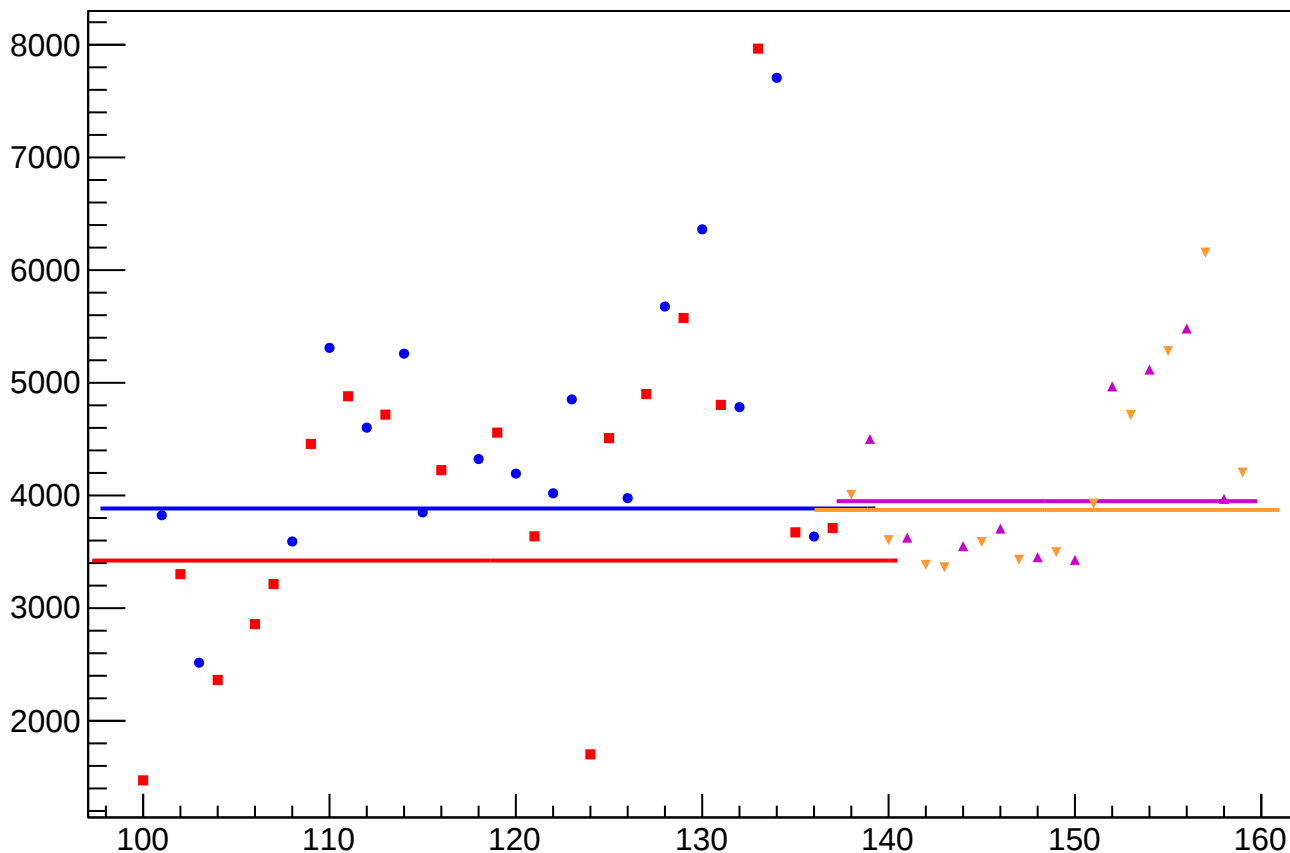
Left In: 873.973+/-1394.586 χ^2/NDF : 6.9/9

+ sign 46.505+/-1001.101 χ^2/NDF : 32.5/28

All: -106.686+/-699.191 χ^2/NDF : 57.0/57

- sign -252.575+/-976.951 χ^2/NDF : 24.4/28

asym_atr_dd_correction_rms vs Slug



Right In: 3884.603+/-1.097 χ^2 /NDF: 826563.8/16

Left Out: 3871.695+/-0.926 χ^2 /NDF: 499212.0/11

Right Out: 3422.628+/-0.968 χ^2 /NDF: 1590296.5/18

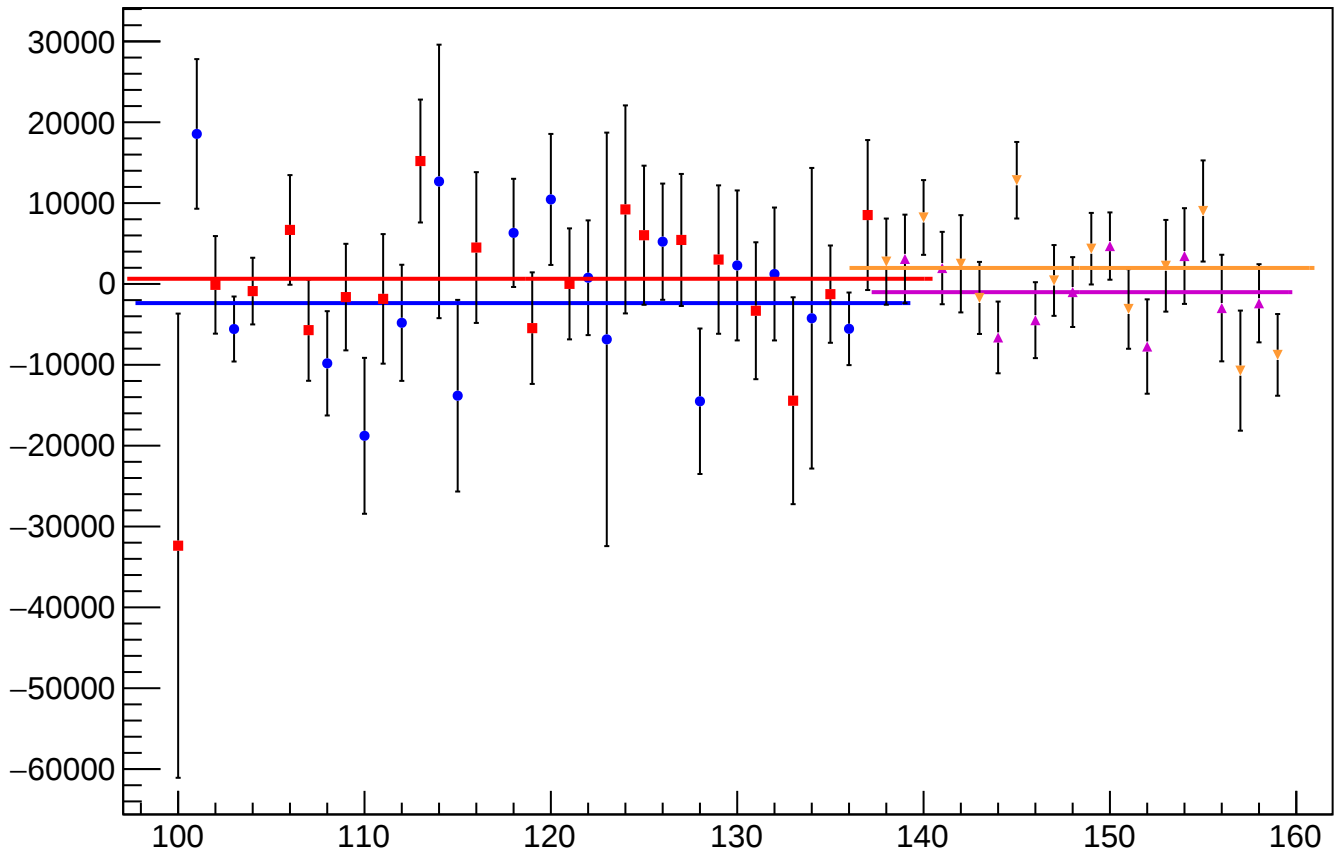
Left In: 3949.684+/-0.986 χ^2 /NDF: 417077.7/9

+ sign 3877.066+/-0.708 χ^2 /NDF: 1325856.5/28

All: 3776.782+/-0.494 χ^2 /NDF: 3517888.2/57

- sign 3681.278+/-0.691 χ^2 /NDF: 2152849.3/28

asym_atr_dd_mean vs Slug



Right In: -2367.526 ± 1801.942 χ^2/NDF : 20.1/16

Left Out: 1979.829 ± 1469.644 χ^2/NDF : 18.0/11

Right Out: 640.916 ± 1690.165 χ^2/NDF : 11.8/18

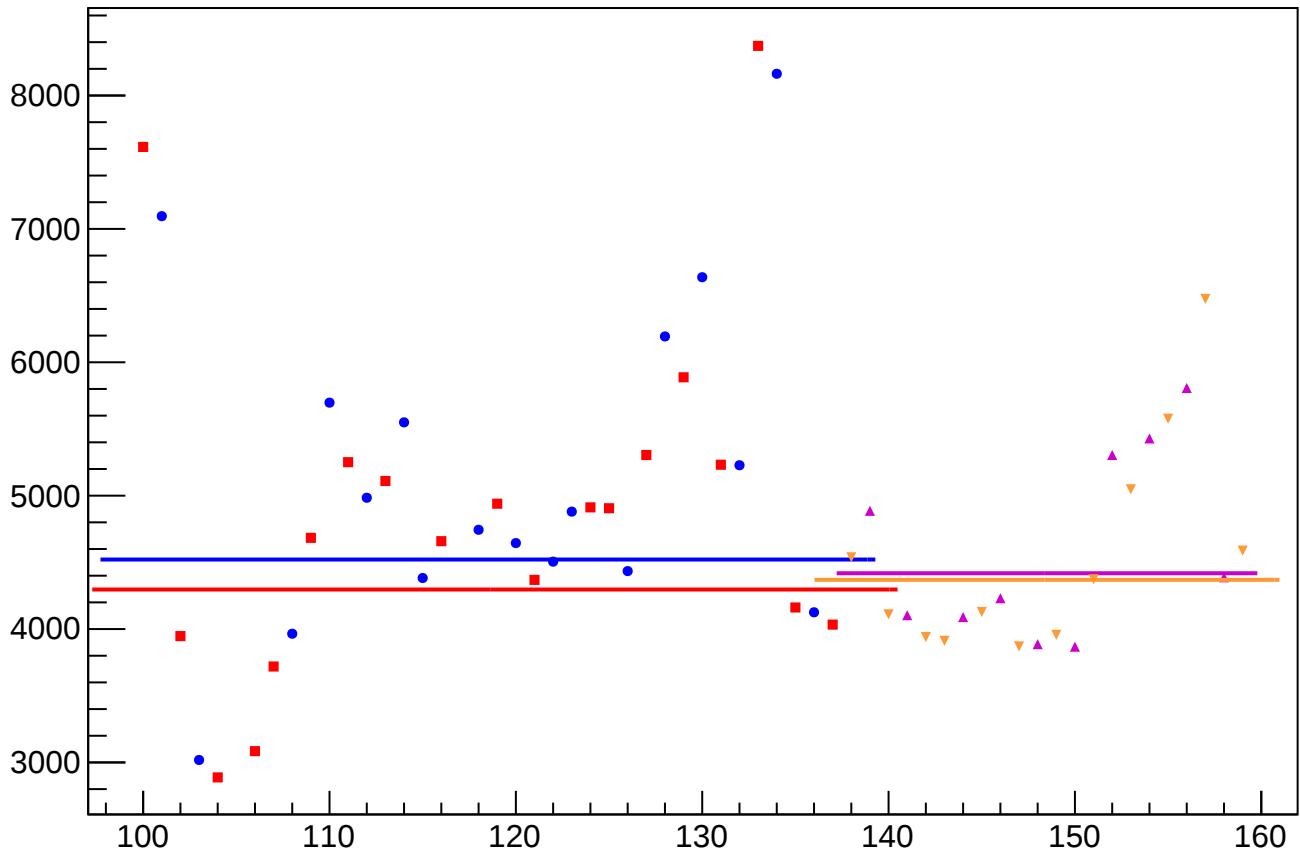
Left In: -1014.615 ± 1553.422 χ^2/NDF : 7.1/9

+ sign 243.208 ± 1138.888 χ^2/NDF : 41.6/28

All: -5.596 ± 807.021 χ^2/NDF : 61.1/57

- sign -256.520 ± 1143.727 χ^2/NDF : 19.4/28

asym_atr_dd_rms vs Slug



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

Left Out: 4369.014+/-1.039 χ^2/NDF : 355859.5/11

+ sign 4429.819+/-0.805 χ^2/NDF : 1143104.9/28

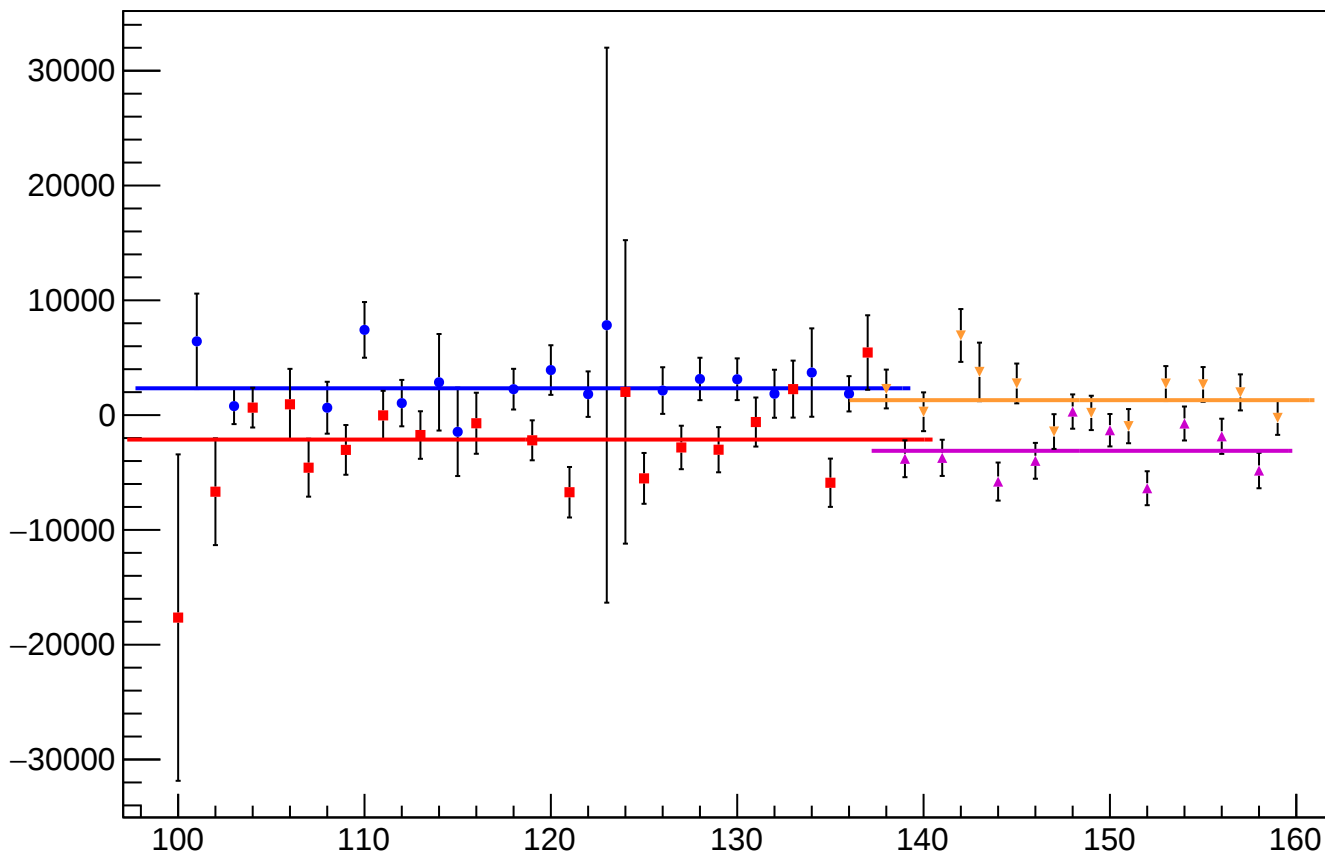
Right Out: 4296.482+/-1.189 χ^2/NDF : 773210.4/18

All: 4396.085+/-0.570 χ^2/NDF : 2222723.9/57

- sign 4362.237+/-0.807 χ^2/NDF : 1076103.6/28

Left In: 4418.404+/-1.098 χ^2/NDF : 297217.7/9

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

Left Out: 1301.729 $\pm$ 474.481 χ^2 /NDF:17.5/11

Right Out: -2129.457 $\pm$ 539.223 χ^2 /NDF: 27.5/18

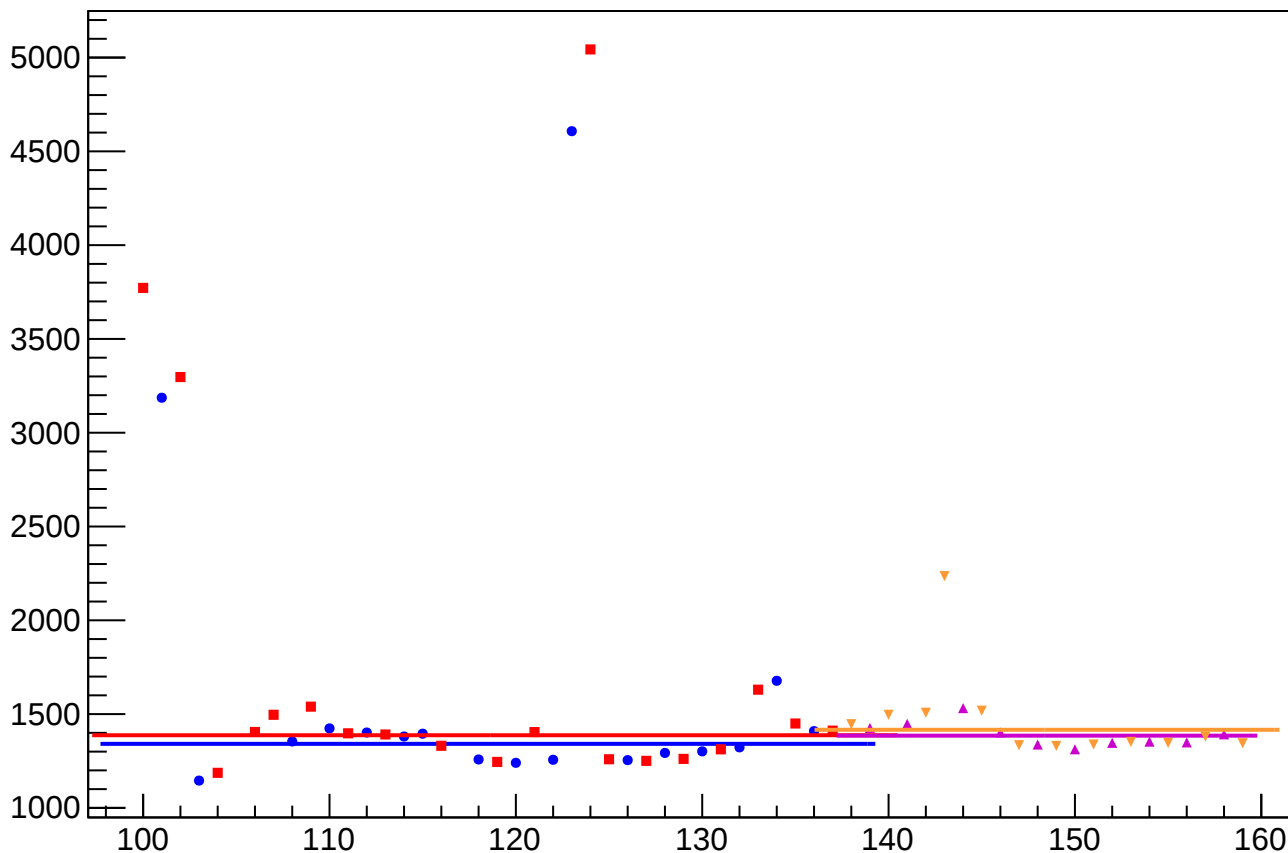
Left In: -3110.315 $\pm$ 483.662 χ^2 /NDF:19.5/9

+ sign 1761.216 $\pm$ 353.849 χ^2 /NDF: 29.2/28

All: -417.400 $\pm$ 252.372 χ^2 /NDF: 155.2/57

- sign -2673.007 $\pm$ 360.047 χ^2 /NDF: 48.9/28

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1341.374 $\pm$ 0.376 χ^2 /NDF: 504272.1/16

Left Out: 1416.379 $\pm$ 0.336 χ^2 /NDF: 253415.2/11

Right Out: 1387.348 $\pm$ 0.381 χ^2 /NDF: 650193.3/18

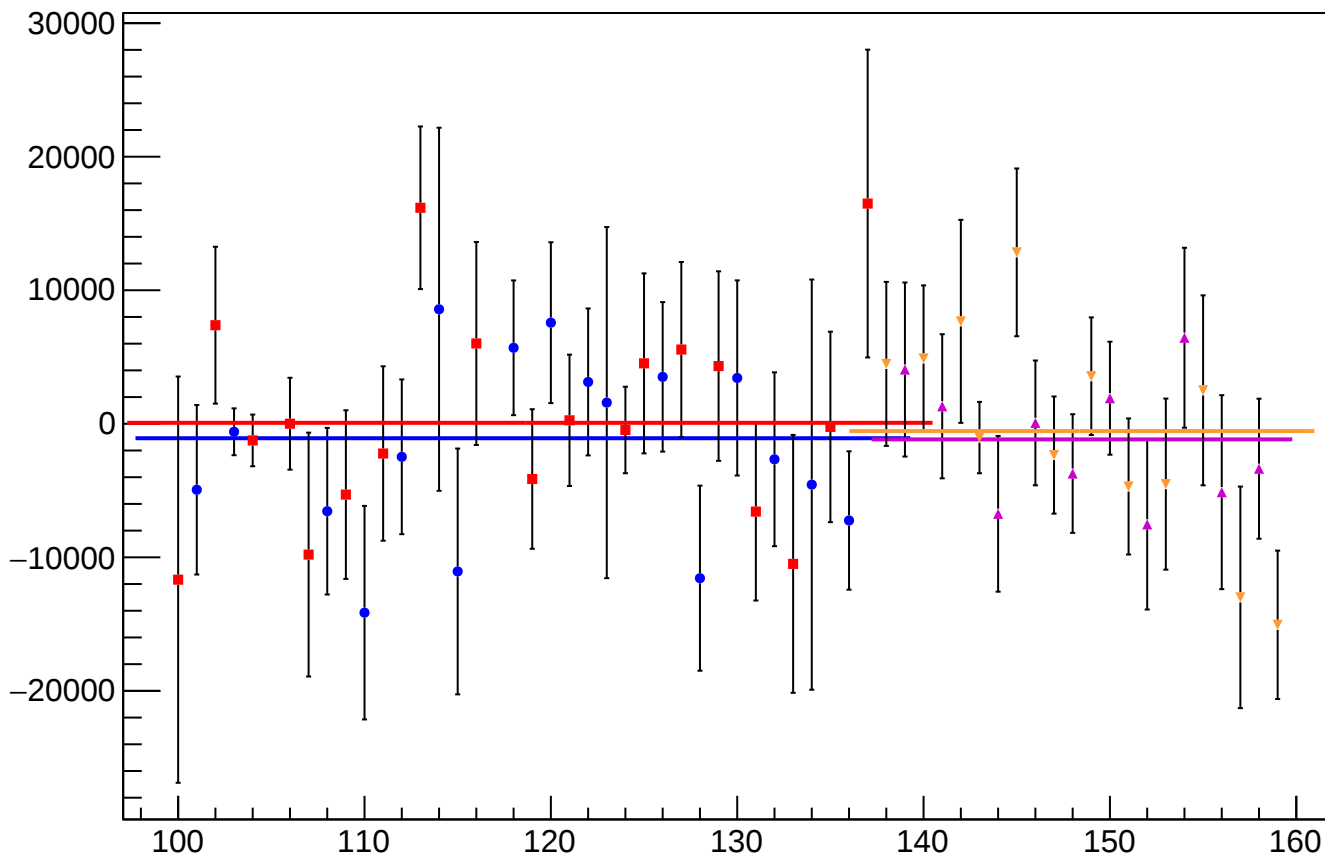
Left In: 1385.072 $\pm$ 0.342 χ^2 /NDF: 31166.0/9

+ sign 1383.088 $\pm$ 0.250 χ^2 /NDF: 779869.3/28

All: 1384.562 $\pm$ 0.178 χ^2 /NDF: 1461319.0/57

- sign 1386.087 $\pm$ 0.255 χ^2 /NDF: 681379.0/28

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



Right In: -1081.040 ± 1212.382 $\chi^2/\text{NDF}: 15.0/16$

Left Out: -546.726 ± 1450.145 $\chi^2/\text{NDF}: 18.7/11$

Right Out: 74.089 ± 1126.219 $\chi^2/\text{NDF}: 18.6/18$

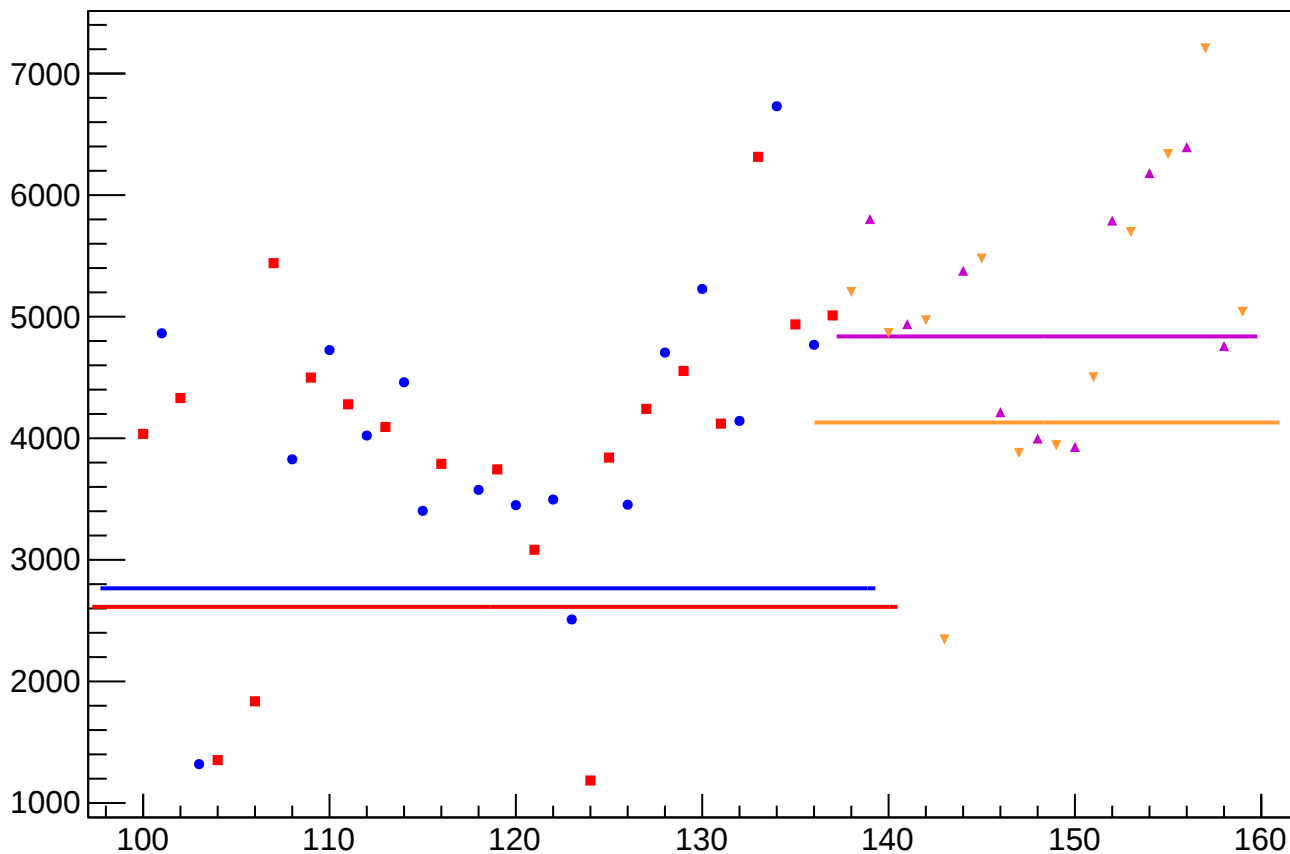
Left In: -1168.040 ± 1710.899 $\chi^2/\text{NDF}: 5.4/9$

+ sign -861.220 ± 930.138 $\chi^2/\text{NDF}: 33.8/28$

All: -584.483 ± 661.411 $\chi^2/\text{NDF}: 58.4/57$

- sign -301.423 ± 940.704 $\chi^2/\text{NDF}: 24.4/28$

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



Right In: 2765.736 $\pm$ 0.857 χ^2 /NDF: 2939083.2/16

Left Out: 4129.729 $\pm$ 1.025 χ^2 /NDF: 1766517.5/11

Right Out: 2613.368 $\pm$ 0.796 χ^2 /NDF: 3339918.9/18

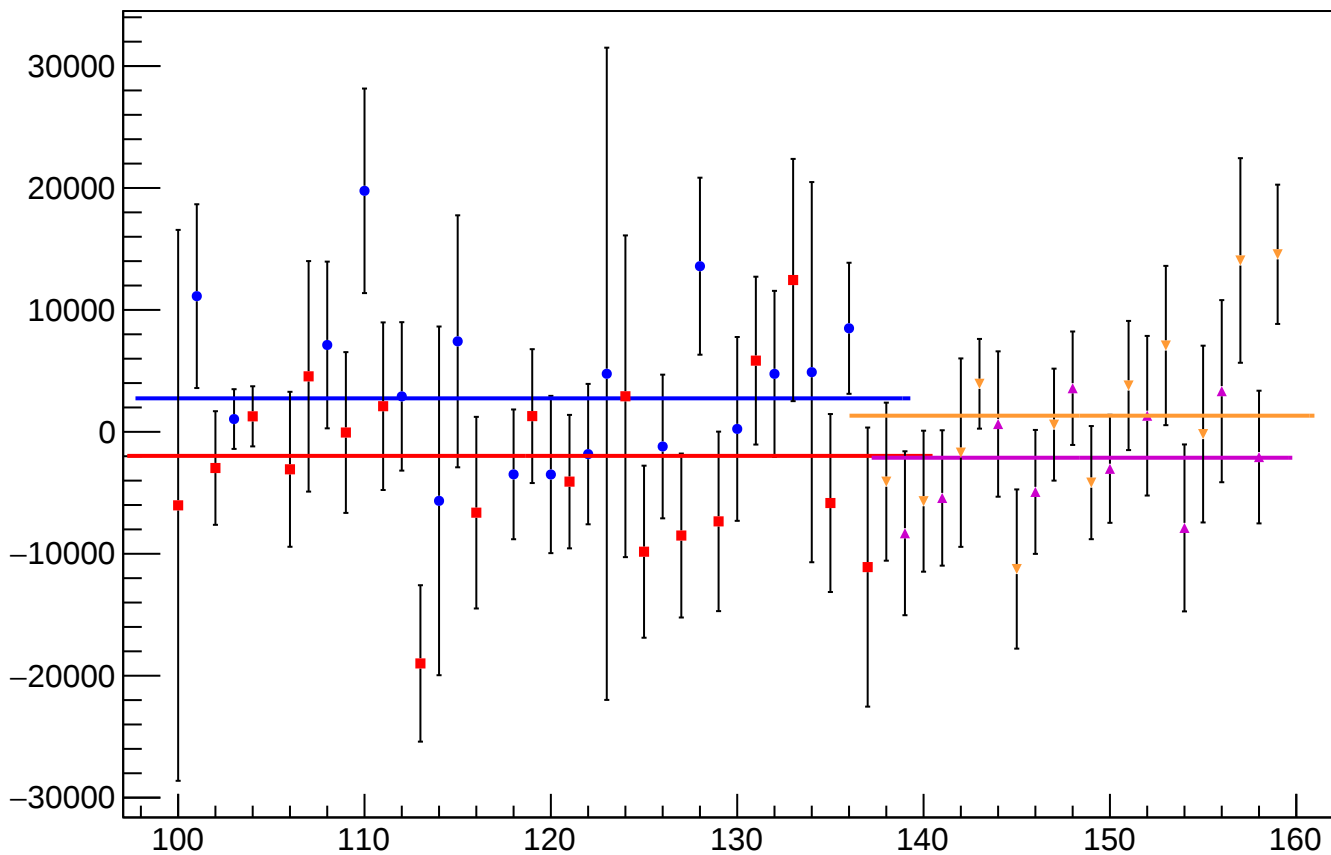
Left In: 4837.501 $\pm$ 1.210 χ^2 /NDF: 477673.7/9

+ sign 3326.892 $\pm$ 0.658 χ^2 /NDF: 5747069.1/28

All: 3306.555 $\pm$ 0.468 χ^2 /NDF: 11924700.9/5

- sign 3285.753 $\pm$ 0.665 χ^2 /NDF: 6175697.7/28

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2748.280+/-1446.638 χ^2/NDF : 13.8/16

Left Out: 1325.464+/-1612.351 χ^2/NDF : 16.7/11

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

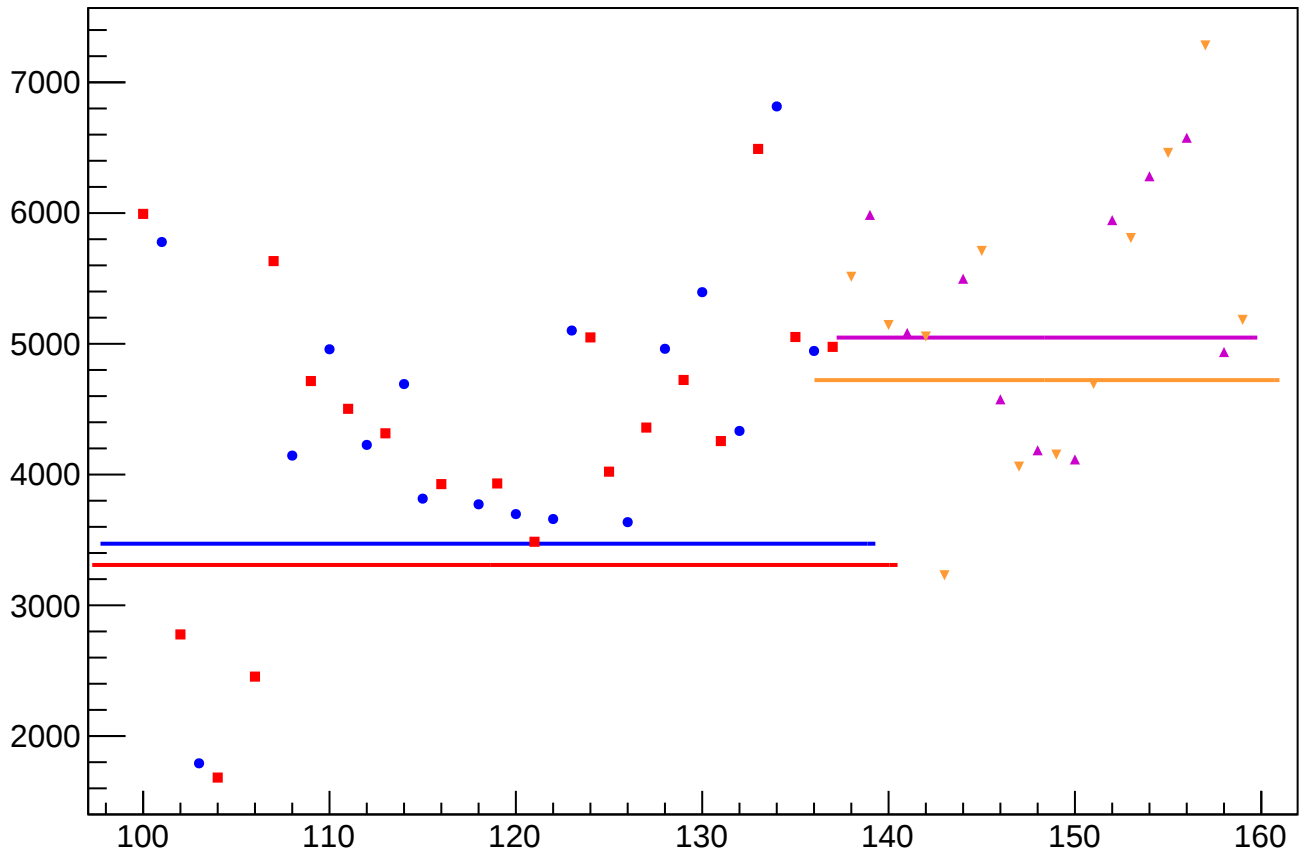
Left In: -2123.866+/-1781.879 χ^2/NDF : 4.8/9

+ sign 2113.724+/-1076.763 χ^2/NDF : 30.9/28

All: 71.523+/-766.682 χ^2/NDF : 60.8/57

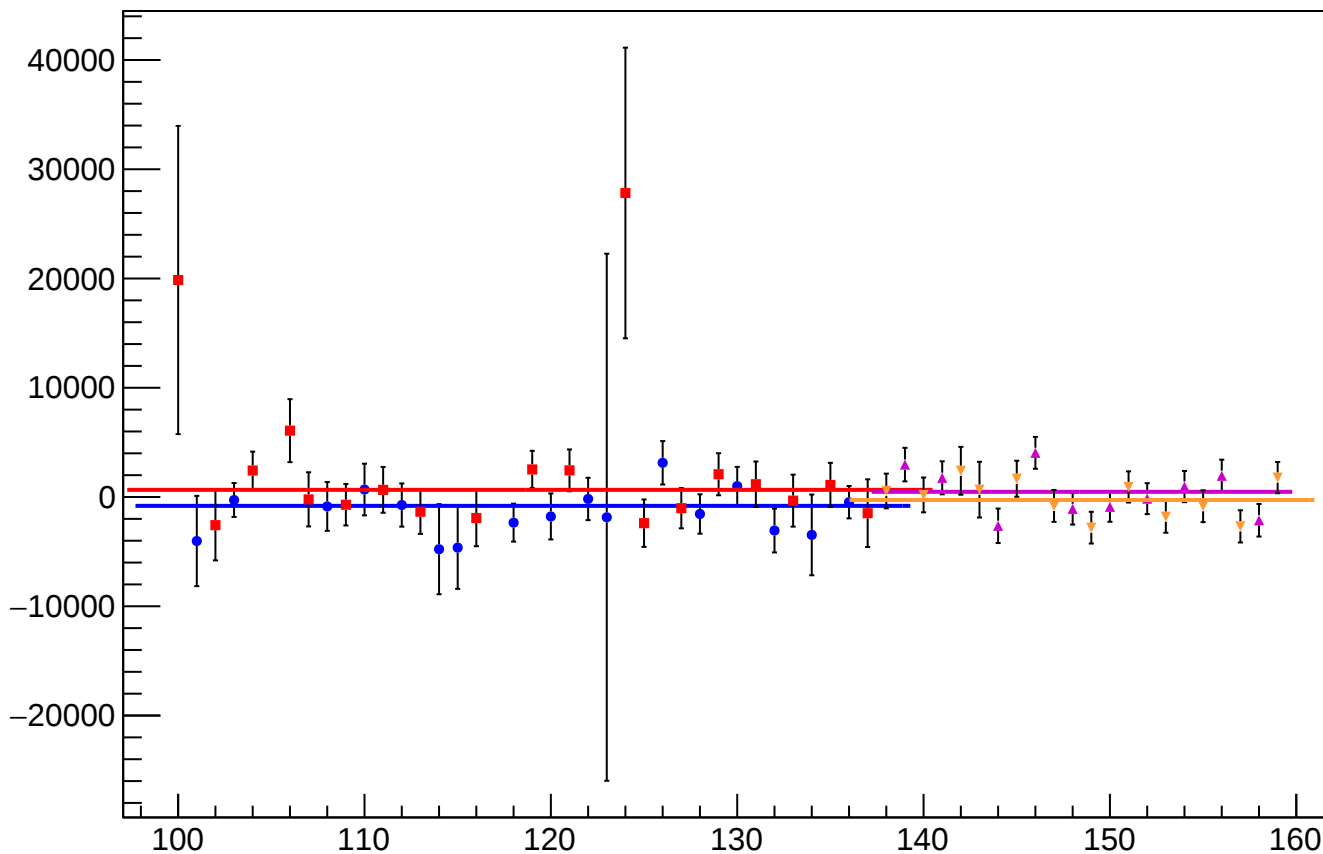
- sign -2028.498+/-1091.900 χ^2/NDF : 22.6/28

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3471.154+/-1.023	χ^2/NDF : 1767892.8/16	+ sign 4029.179+/-0.761	χ^2/NDF : 3295577.0/28
Left Out: 4722.404+/-1.140	χ^2/NDF : 860372.4/11	All: 3991.951+/-0.541	χ^2/NDF : 6824766.8/57
Right Out: 3308.555+/-0.968	χ^2/NDF : 1914383.5/18	- sign 3954.106+/-0.768	χ^2/NDF : 3524368.7/28
Left In: 5047.628+/-1.260	χ^2/NDF : 412090.1/9		

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -809.017 ± 518.190 χ^2/NDF : 11.2/16

Left Out: -276.483 ± 454.486 χ^2/NDF : 13.2/11

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

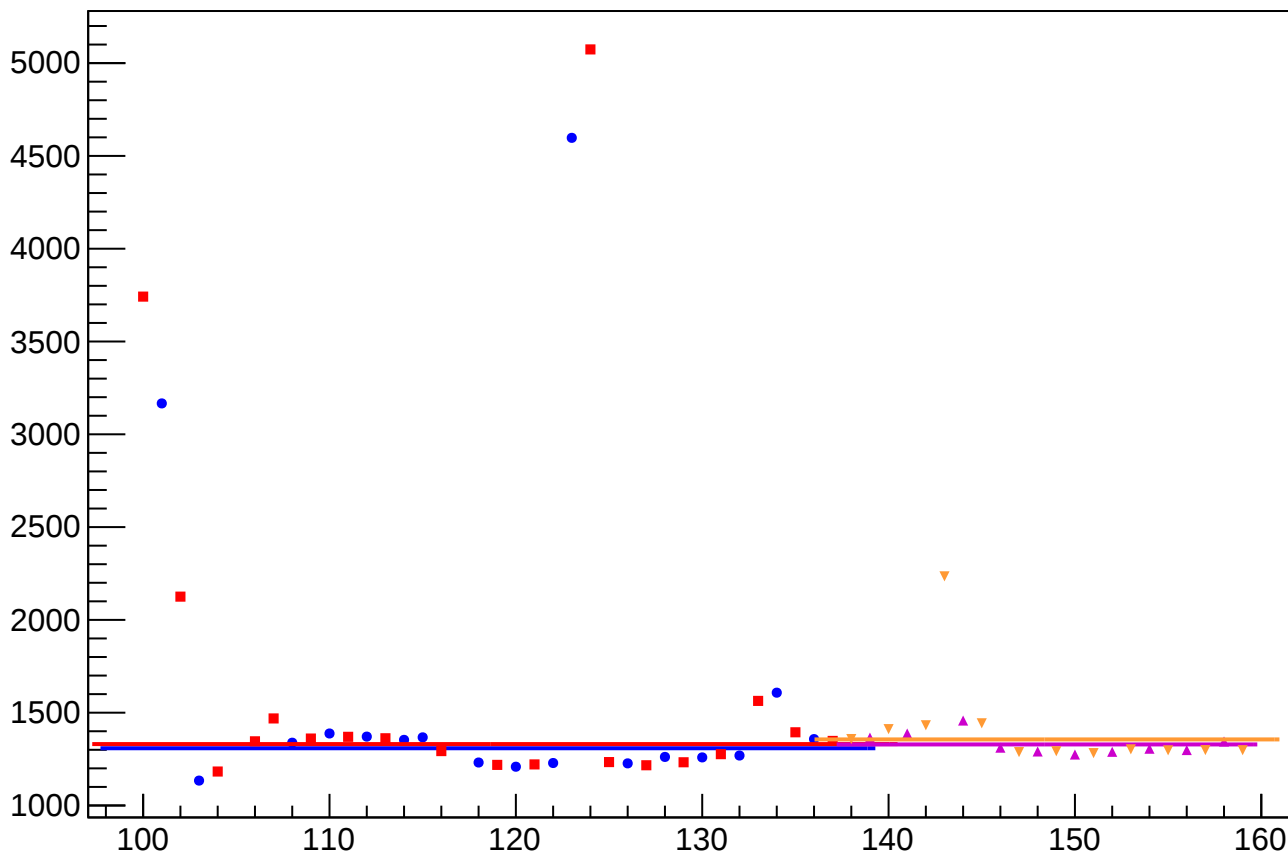
Left In: 475.442 ± 463.944 χ^2/NDF : 19.7/9

+ sign -508.021 ± 341.686 χ^2/NDF : 25.0/28

All: 19.763 ± 242.623 χ^2/NDF : 70.1/57

- sign 556.512 ± 344.575 χ^2/NDF : 40.2/28

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1308.367+/-0.366 χ^2/NDF : 506545.0/16

Left Out: 1355.971+/-0.321 χ^2/NDF : 274136.4/11

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

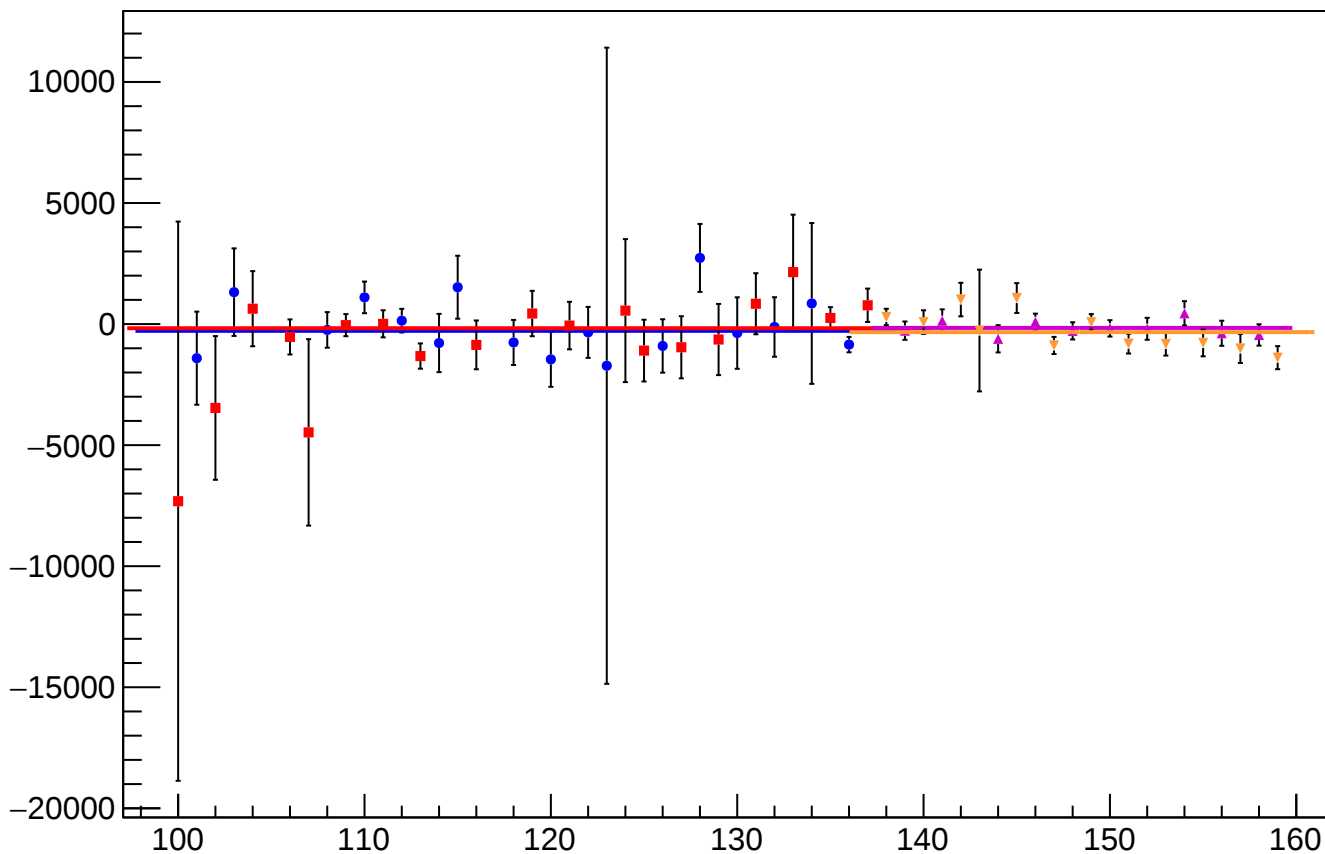
Left In: 1328.943+/-0.328 χ^2/NDF : 25455.9/9

+ sign 1335.273+/-0.242 χ^2/NDF : 790221.8/28

All: 1332.561+/-0.172 χ^2/NDF : 1231792.7/57

- sign 1329.802+/-0.244 χ^2/NDF : 441316.8/28

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



Right In: -278.710 $\pm$ 198.123 χ^2 /NDF: 18.0/16

Left Out: -332.947 $\pm$ 134.370 χ^2 /NDF:26.2/11

Right Out: -171.593 $\pm$ 192.461 χ^2 /NDF: 14.7/18

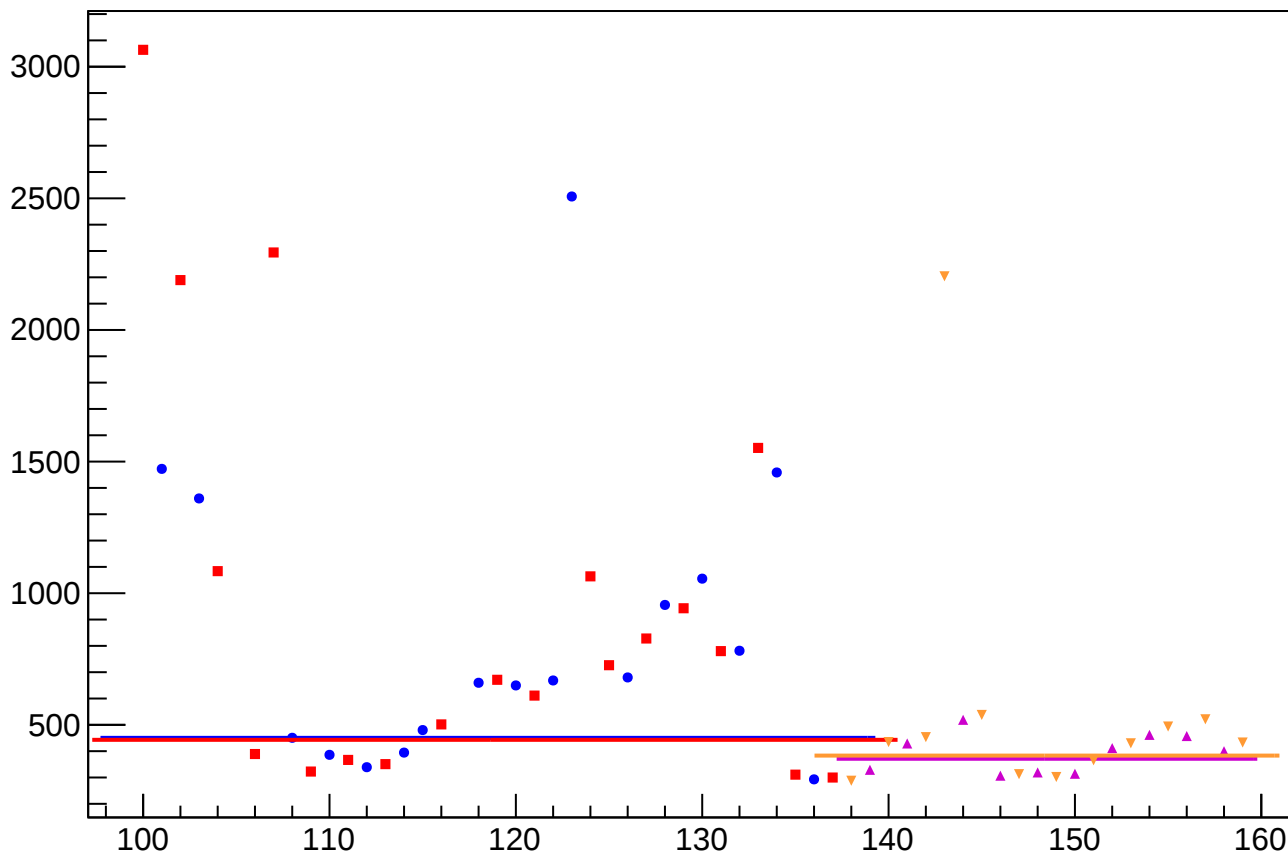
Left In: -157.595 $\pm$ 131.637 χ^2 /NDF:3.9/9

+ sign -315.859 $\pm$ 111.206 χ^2 /NDF: 44.3/28

All: -237.172 $\pm$ 77.716 χ^2 /NDF: 63.9/57

- sign -162.056 $\pm$ 108.654 χ^2 /NDF: 18.6/28

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



Right In: 450.595+/-0.140 χ^2/NDF : 2997735.1/16

Left Out: 383.199+/-0.095 χ^2/NDF : 1803227.9/11

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

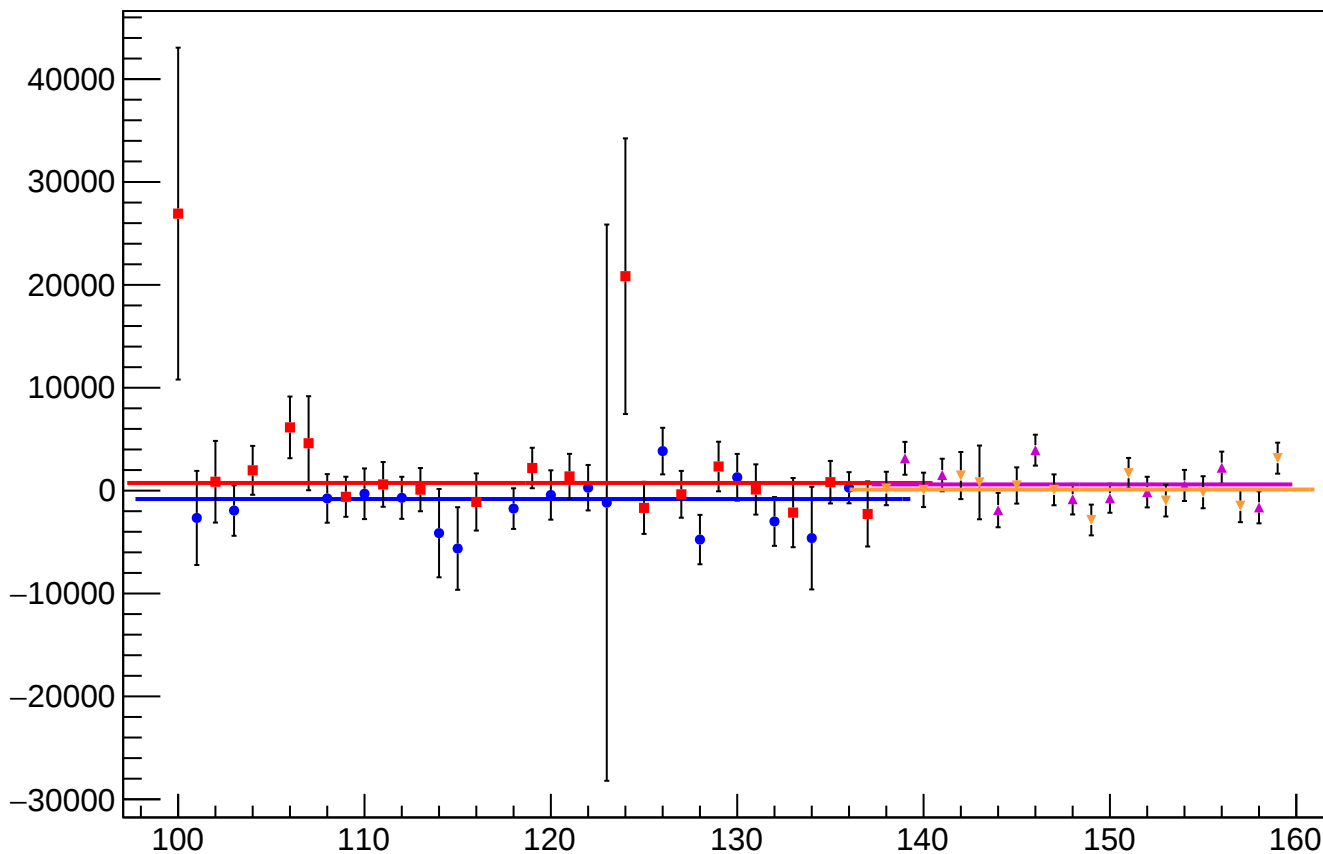
Left In: 371.163+/-0.093 χ^2/NDF : 509432.0/9

+ sign 404.433+/-0.079 χ^2/NDF : 4959484.4/28

All: 399.141+/-0.055 χ^2/NDF : 9139482.5/57

- sign 394.089+/-0.077 χ^2/NDF : 4171145.1/28

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -817.110+/-601.150 χ^2/NDF : 12.7/16

Left Out: 108.870+/-479.998 χ^2/NDF : 11.1/11

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

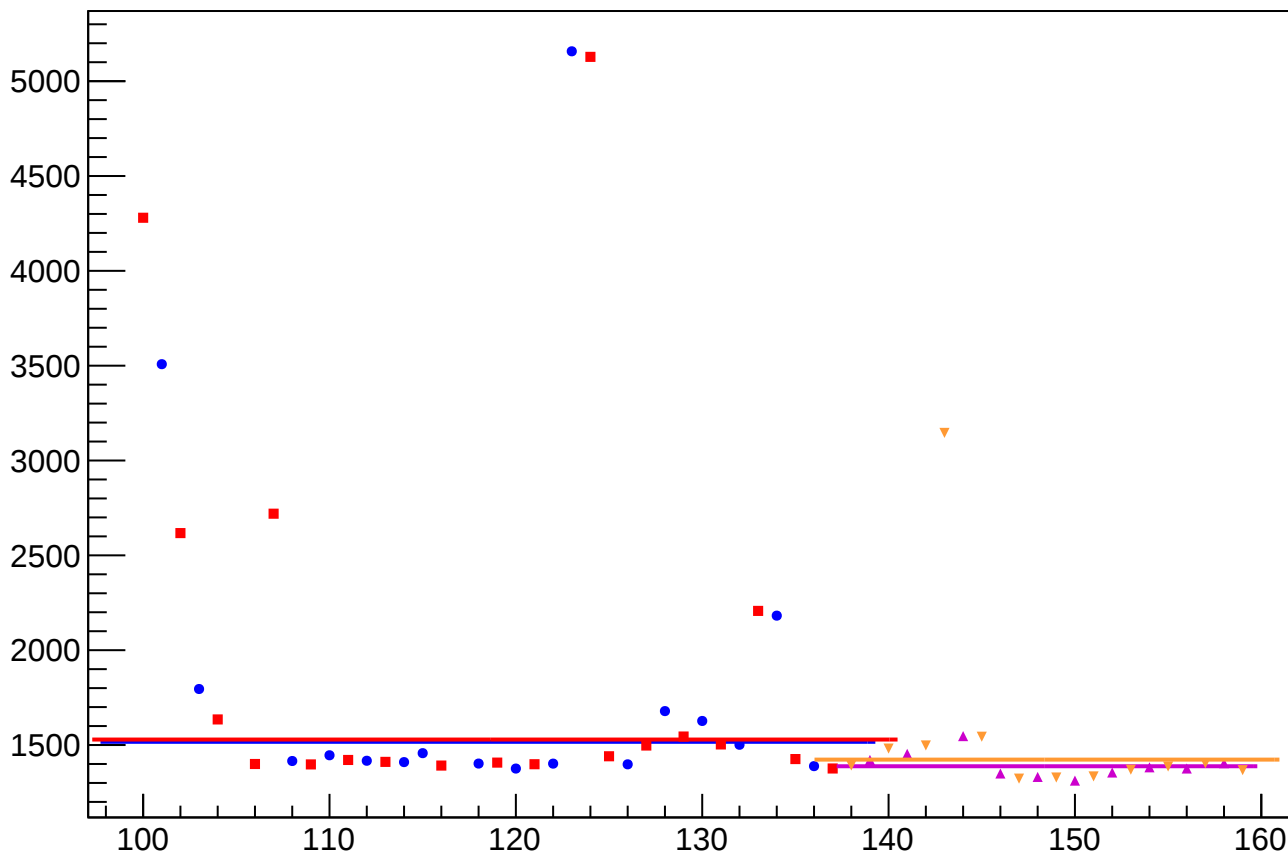
Left In: 602.483+/-484.624 χ^2/NDF : 15.2/9

+ sign -251.643+/-375.096 χ^2/NDF : 25.3/28

All: 203.070+/-265.524 χ^2/NDF : 57.5/57

- sign 659.790+/-375.922 χ^2/NDF : 29.3/28

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1516.935+/-0.425 χ^2/NDF : 541039.6/16

Left Out: 1423.038+/-0.339 χ^2/NDF : 507265.1/11

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

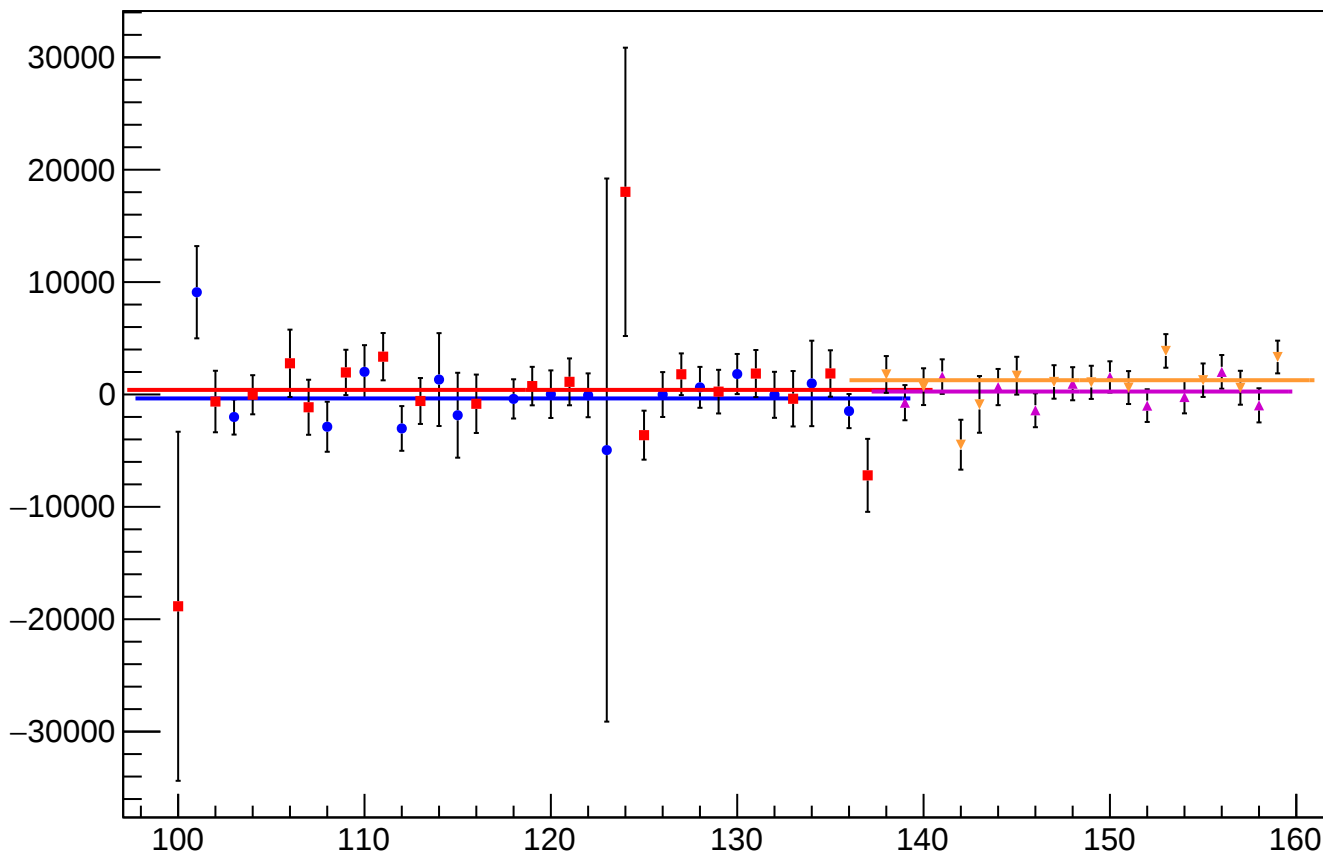
Left In: 1388.043+/-0.343 χ^2/NDF : 33553.0/9

+ sign 1459.595+/-0.265 χ^2/NDF : 1078101.8/28

All: 1451.879+/-0.188 χ^2/NDF : 1810785.9/57

- sign 1444.128+/-0.266 χ^2/NDF : 730987.4/28

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -353.131 ± 523.324 χ^2/NDF : 13.4/16

Left Out: 1268.937 ± 463.993 χ^2/NDF : 13.2/11

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

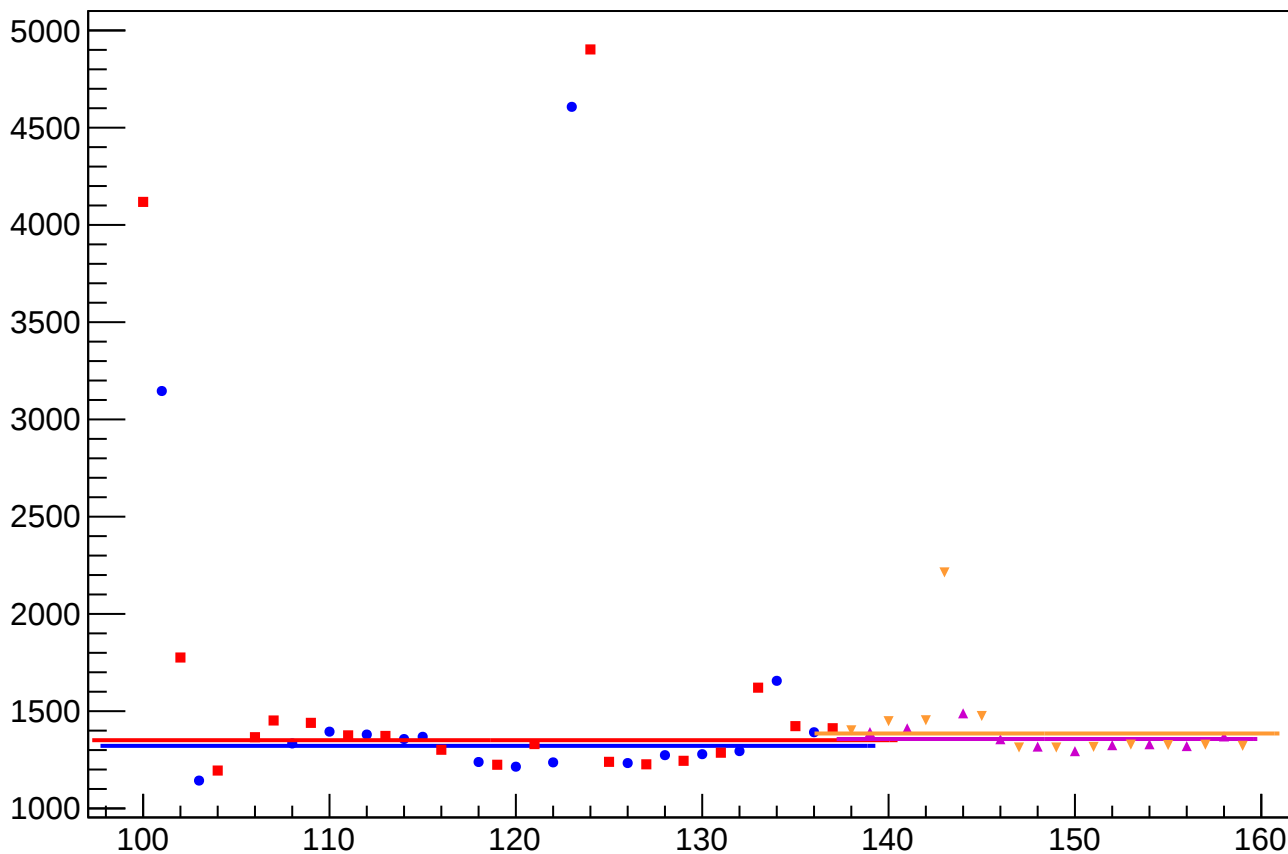
Left In: 259.963 ± 473.674 χ^2/NDF : 6.4/9

+ sign 555.029 ± 347.182 χ^2/NDF : 31.9/28

All: 441.963 ± 246.763 χ^2/NDF : 57.0/57

- sign 326.530 ± 350.796 χ^2/NDF : 24.8/28

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1321.703+/-0.370 χ^2/NDF : 502245.7/16

Left Out: 1385.264+/-0.328 χ^2/NDF : 252813.2/11

Right Out: 1350.773+/-0.369 χ^2/NDF : 349883.8/18

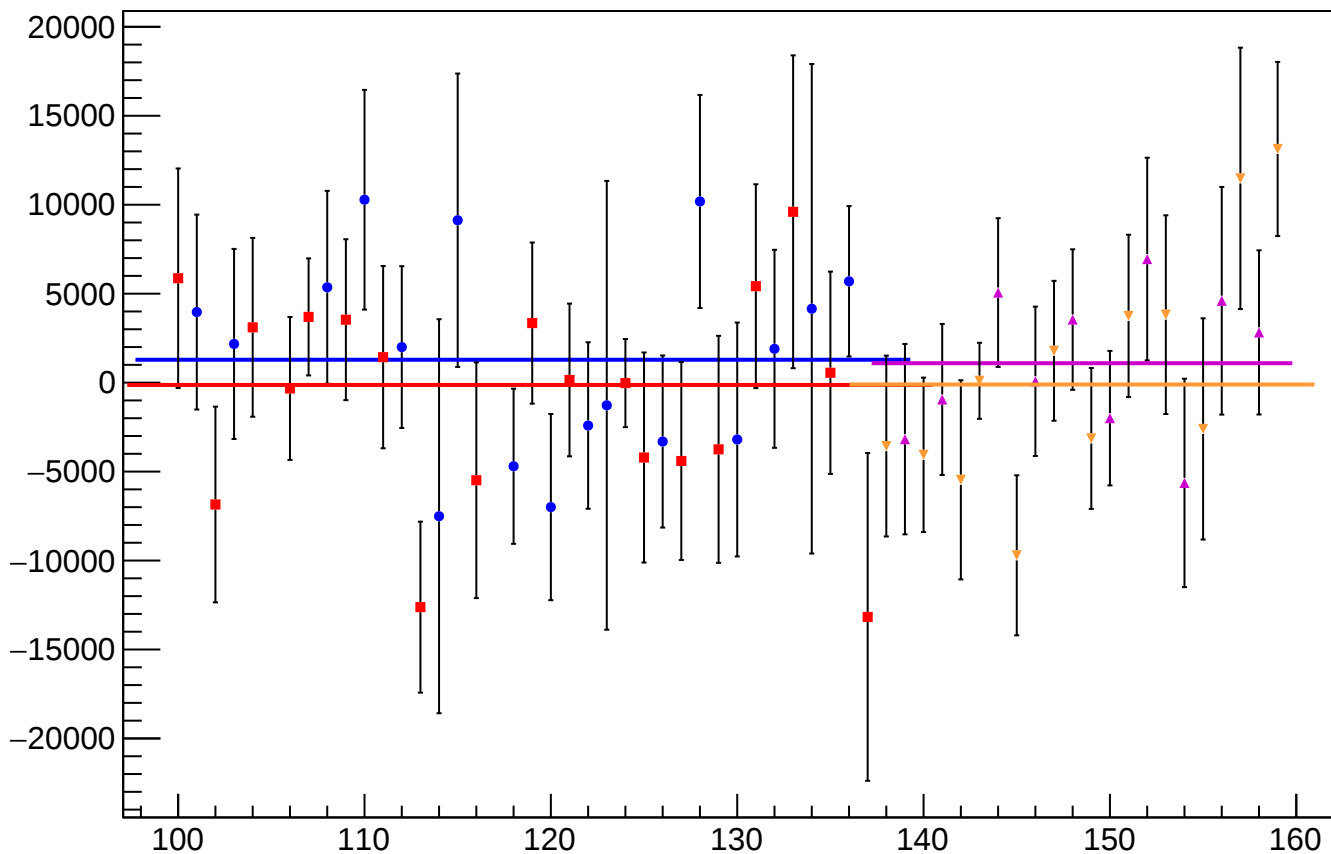
Left In: 1356.934+/-0.335 χ^2/NDF : 25412.6/9

+ sign 1357.289+/-0.245 χ^2/NDF : 771577.2/28

All: 1355.735+/-0.174 χ^2/NDF : 1147107.4/57

- sign 1354.150+/-0.248 χ^2/NDF : 375449.3/28

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



Right In: 1287.495+/-1375.853 χ^2/NDF : 14.3/16

Left Out: -105.260+/-1206.904 χ^2/NDF : 18.8/11

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

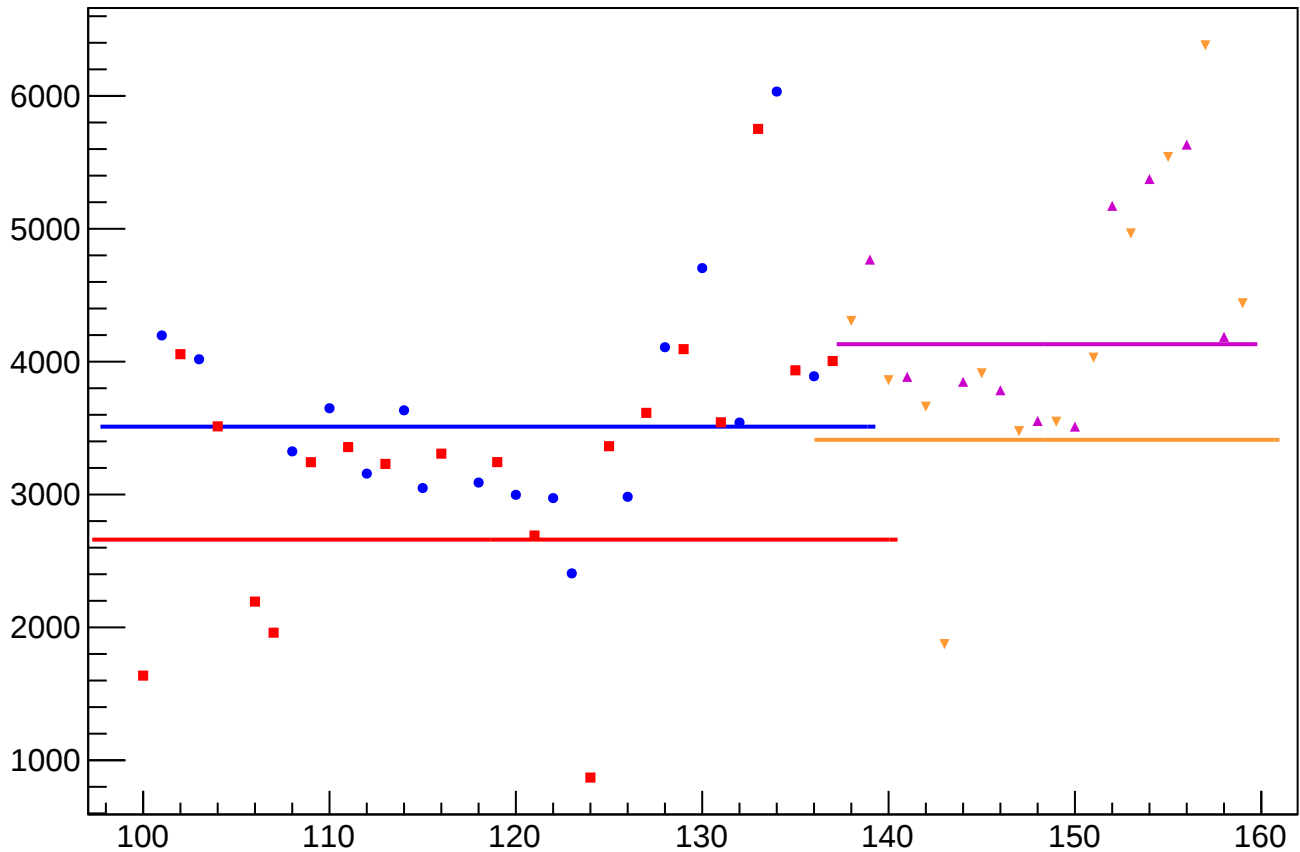
Left In: 1091.497+/-1458.862 χ^2/NDF : 5.7/9

+ sign 500.400+/-907.296 χ^2/NDF : 33.6/28

All: 400.084+/-628.813 χ^2/NDF : 58.3/57

- sign 307.360+/-872.288 χ^2/NDF : 24.7/28

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

Left Out: 3411.841+/-0.853 χ^2/NDF : 199018.6/11

+ sign 3454.874+/-0.642 χ^2/NDF : 2340089.0/28

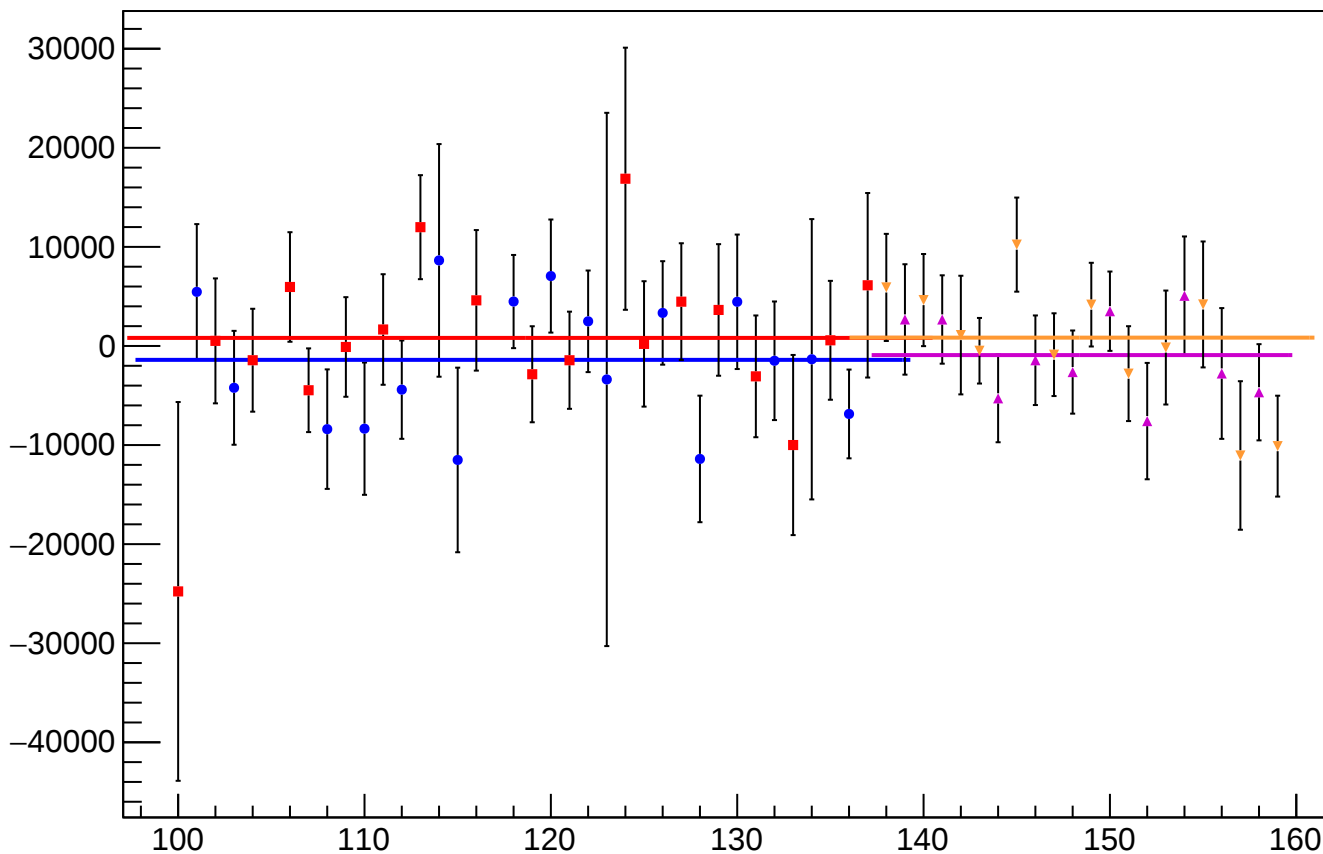
Right Out: 2660.636+/-0.770 χ^2/NDF : 218265.8/18

All: 3315.387+/-0.445 χ^2/NDF : 6341614.5/57

- sign 3186.456+/-0.617 χ^2/NDF : 3910559.3/28

Left In: 4131.408+/-1.032 χ^2/NDF : 421860.3/9

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1401.442+/-1504.149 χ^2/NDF : 15.8/16

Left Out: 841.219+/-1397.043 χ^2/NDF : 14.4/11

Right Out: 814.071+/-1379.106 χ^2/NDF : 14.3/18

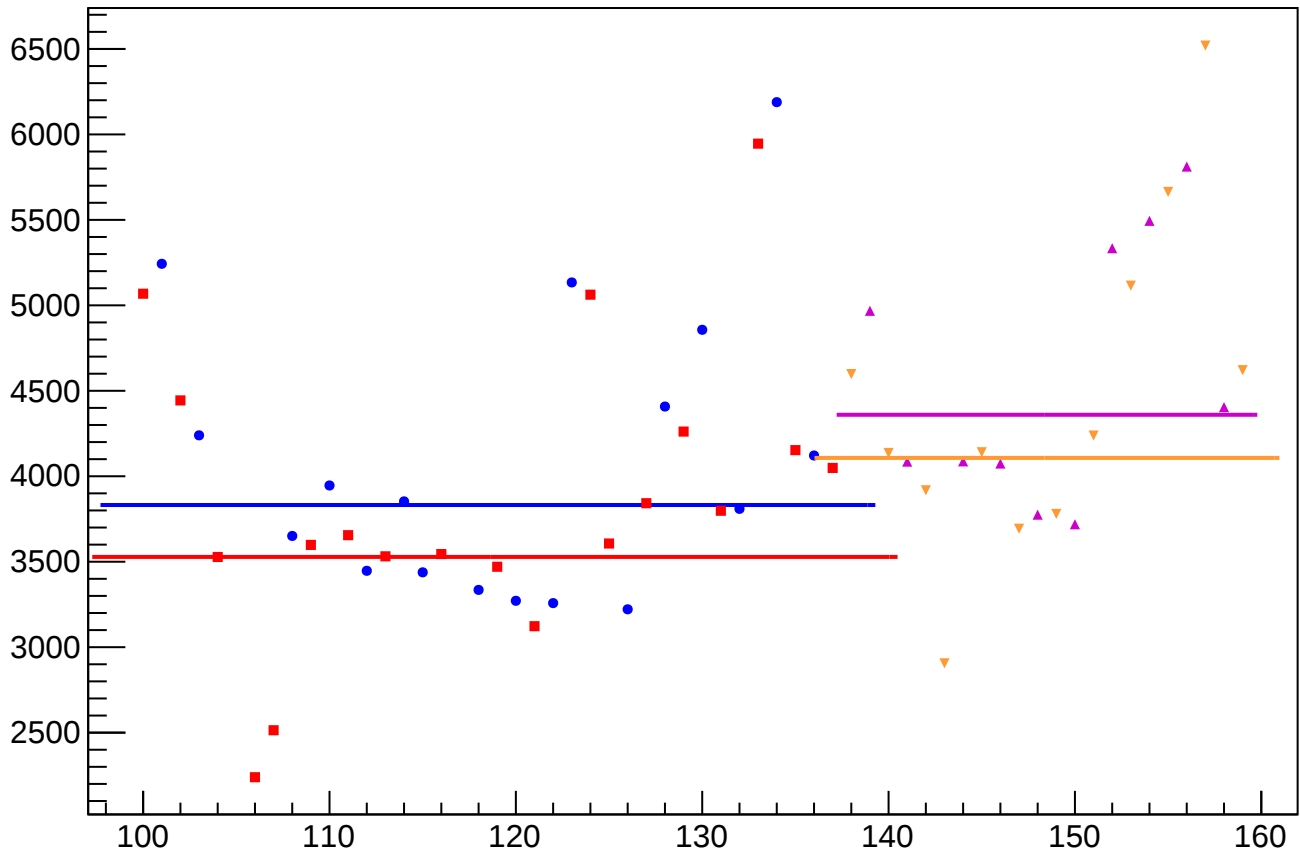
Left In: -920.091+/-1536.162 χ^2/NDF : 6.4/9

+ sign -197.429+/-1023.631 χ^2/NDF : 31.4/28

All: -78.942+/-724.731 χ^2/NDF : 52.8/57

- sign 40.145+/-1026.223 χ^2/NDF : 21.4/28

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

Left Out: 4107.387+/-0.988 χ^2/NDF : 724199.0/11

Right Out: 3528.100+/-0.966 χ^2/NDF : 557192.5/18

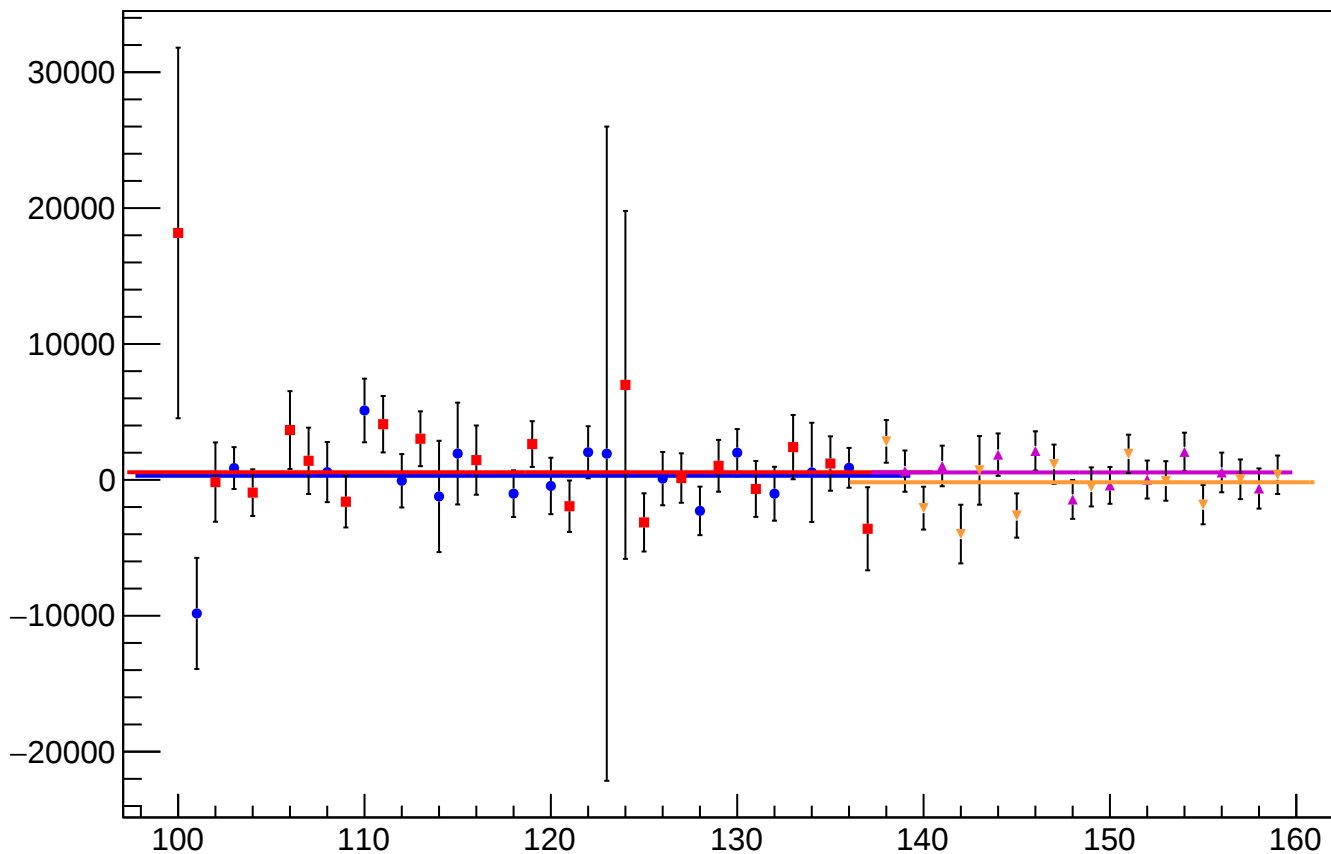
Left In: 4359.721+/-1.086 χ^2/NDF : 360833.8/9

+ sign 3979.759+/-0.724 χ^2/NDF : 1097946.3/28

All: 3937.516+/-0.511 χ^2/NDF : 2349970.5/57

- sign 3895.487+/-0.722 χ^2/NDF : 1245229.3/28

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 301.968 $\pm$ 512.834 χ^2 /NDF: 16.1/16

Left Out: -174.907 $\pm$ 449.819 χ^2 /NDF:15.2/11

Right Out: 562.233 $\pm$ 508.331 χ^2 /NDF: 19.1/18

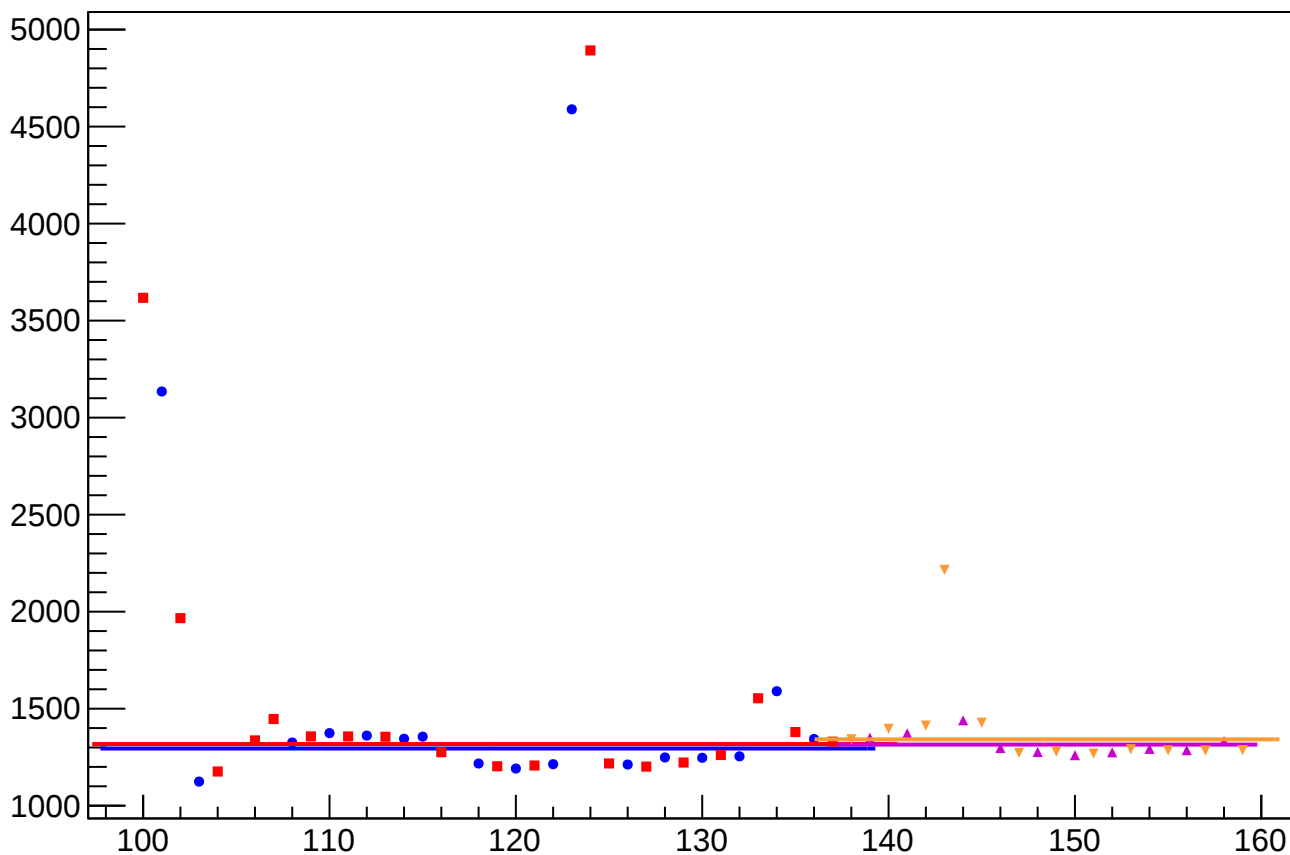
Left In: 549.263 $\pm$ 459.089 χ^2 /NDF:6.4/9

+ sign 32.448 $\pm$ 338.167 χ^2 /NDF: 31.8/28

All: 291.813 $\pm$ 240.013 χ^2 /NDF: 58.5/57

- sign 555.089 $\pm$ 340.707 χ^2 /NDF: 25.5/28

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1341.936+/-0.318 χ^2/NDF : 274798.4/11

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

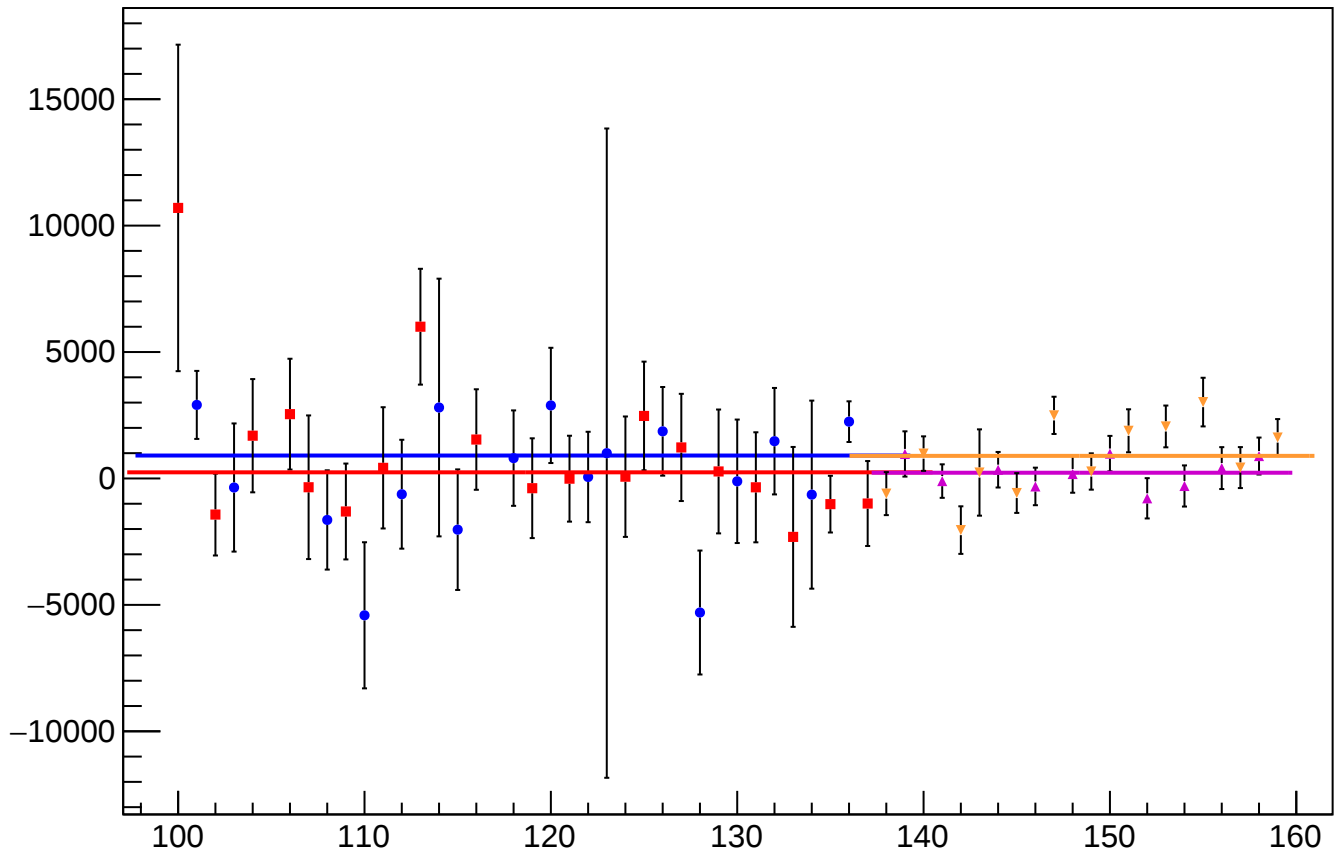
Left In: 1315.021+/-0.325 χ^2/NDF : 25152.8/9

+ sign 1321.410+/-0.239 χ^2/NDF : 792180.3/28

All: 1318.856+/-0.170 χ^2/NDF : 1208402.9/57

- sign 1316.265+/-0.241 χ^2/NDF : 415992.9/28

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 893.298 $\pm$ 237.475 χ^2 /NDF:31.5/11

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

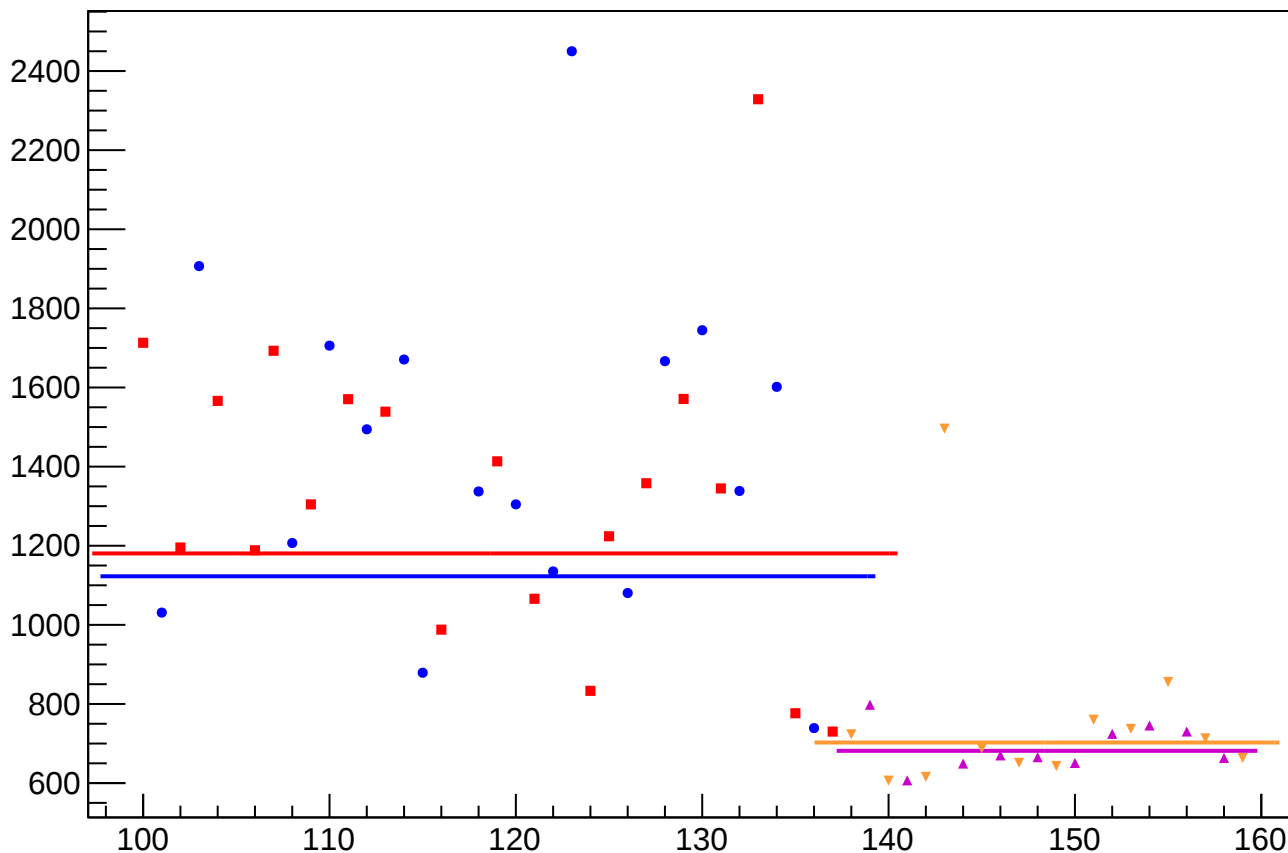
Left In: 226.207 $\pm$ 238.114 χ^2 /NDF:5.6/9

+ sign 896.157 $\pm$ 210.609 χ^2 /NDF: 53.5/28

All: 564.718 $\pm$ 149.337 χ^2 /NDF: 80.5/57

- sign 229.570 $\pm$ 211.784 χ^2 /NDF: 22.0/28

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



Right In: 1122.773+/-0.322 χ^2 /NDF: 1187996.4/16

Left Out: 702.629+/-0.168 χ^2 /NDF: 583709.9/11

Right Out: 1180.554+/-0.328 χ^2 /NDF: 1035382.2/18

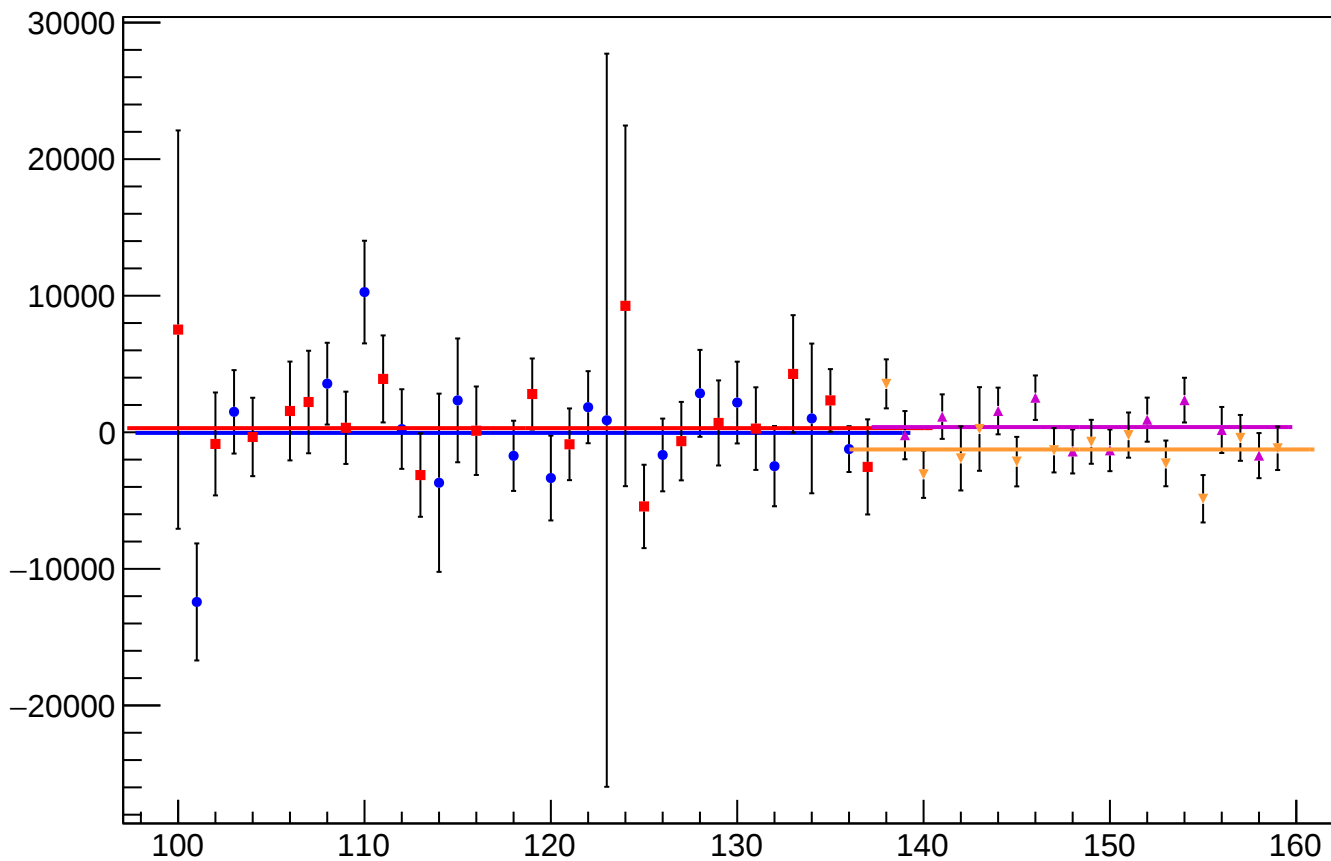
Left In: 681.537+/-0.168 χ^2 /NDF: 95062.6/9

+ sign 792.316+/-0.149 χ^2 /NDF: 3108050.1/28

All: 789.073+/-0.106 χ^2 /NDF: 6074638.9/57

- sign 785.793+/-0.150 χ^2 /NDF: 2965635.0/28

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -1257.113 ± 512.442 χ^2/NDF : 14.3/11

Right Out: 303.720 ± 734.458 χ^2/NDF : 10.9/18

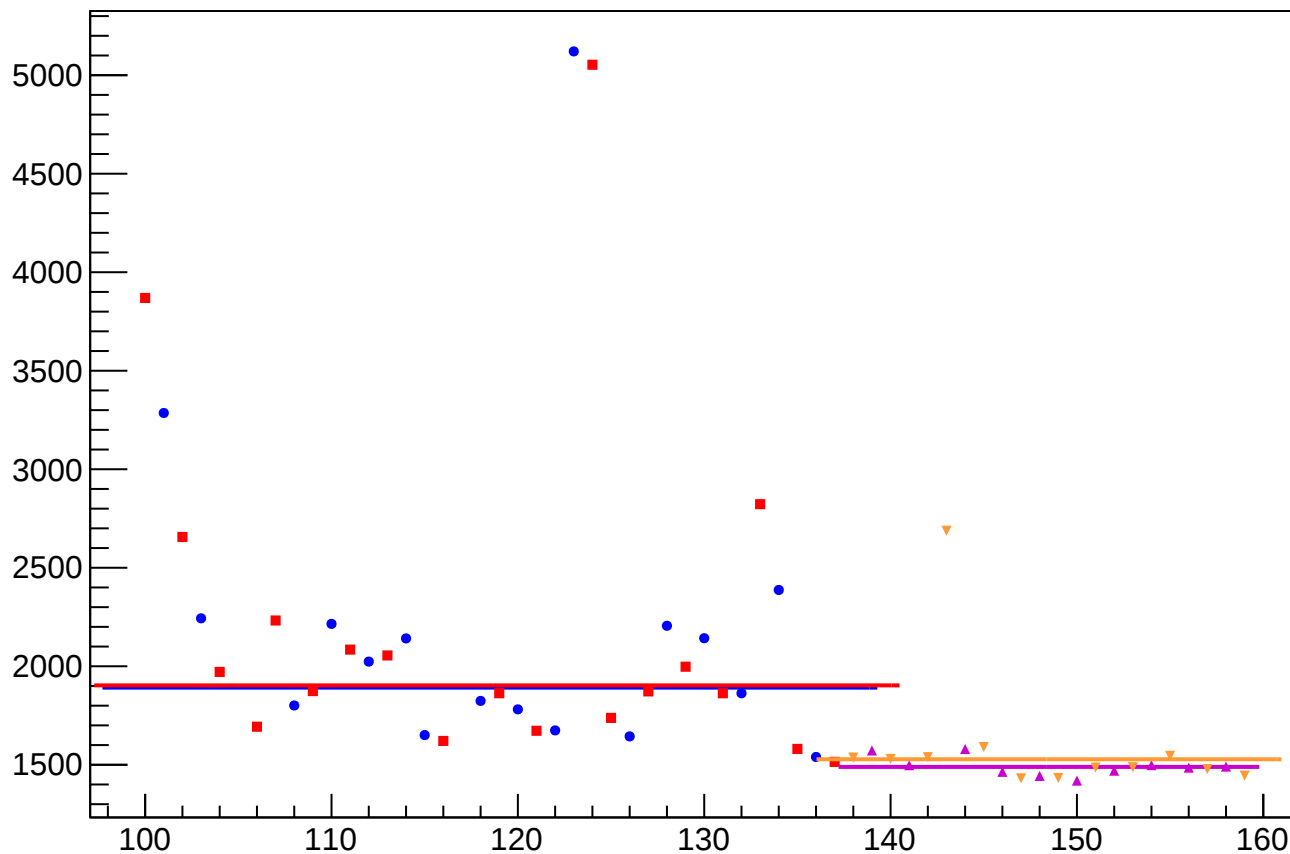
Left In: 381.988 ± 519.496 χ^2/NDF : 8.2/9

+ sign -869.445 ± 422.676 χ^2/NDF : 39.3/28

All: -258.874 ± 299.388 χ^2/NDF : 62.6/57

- sign 355.888 ± 424.124 χ^2/NDF : 19.1/28

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1891.668 ± 0.529 χ^2/NDF : 469088.3/16

Left Out: 1527.877 ± 0.362 χ^2/NDF : 313263.5/11

Right Out: 1903.010 ± 0.519 χ^2/NDF : 460147.6/18

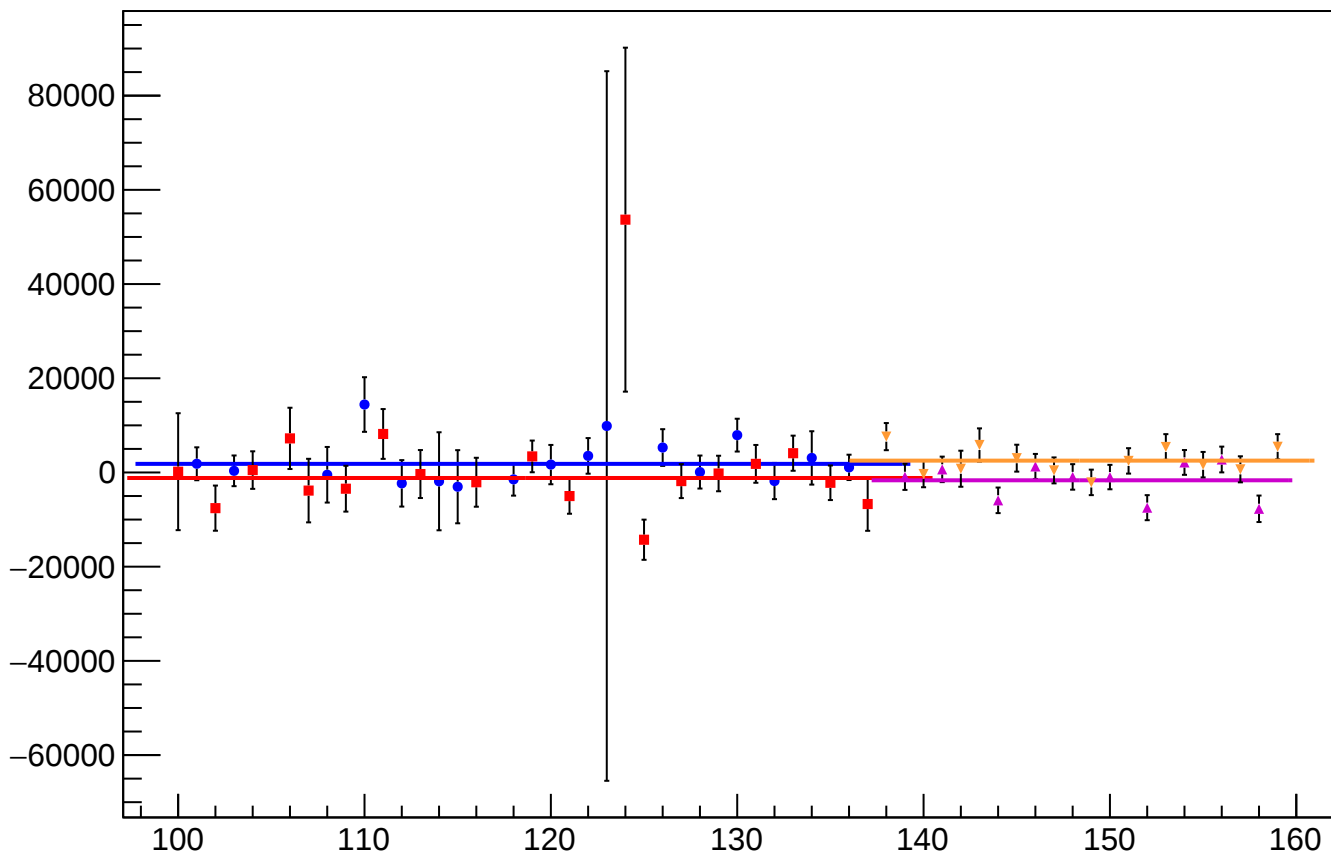
Left In: 1489.135 ± 0.367 χ^2/NDF : 16719.1/9

+ sign 1644.168 ± 0.299 χ^2/NDF : 1104561.2/28

All: 1635.688 ± 0.212 χ^2/NDF : 2006359.2/57

- sign 1627.151 ± 0.300 χ^2/NDF : 900182.7/28

dit_asym_atl1_mean vs Slug



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 2512.300+/-826.100 χ^2/NDF : 11.6/11

Right Out: -1173.235+/-1046.189 χ^2/NDF : 25.5/18

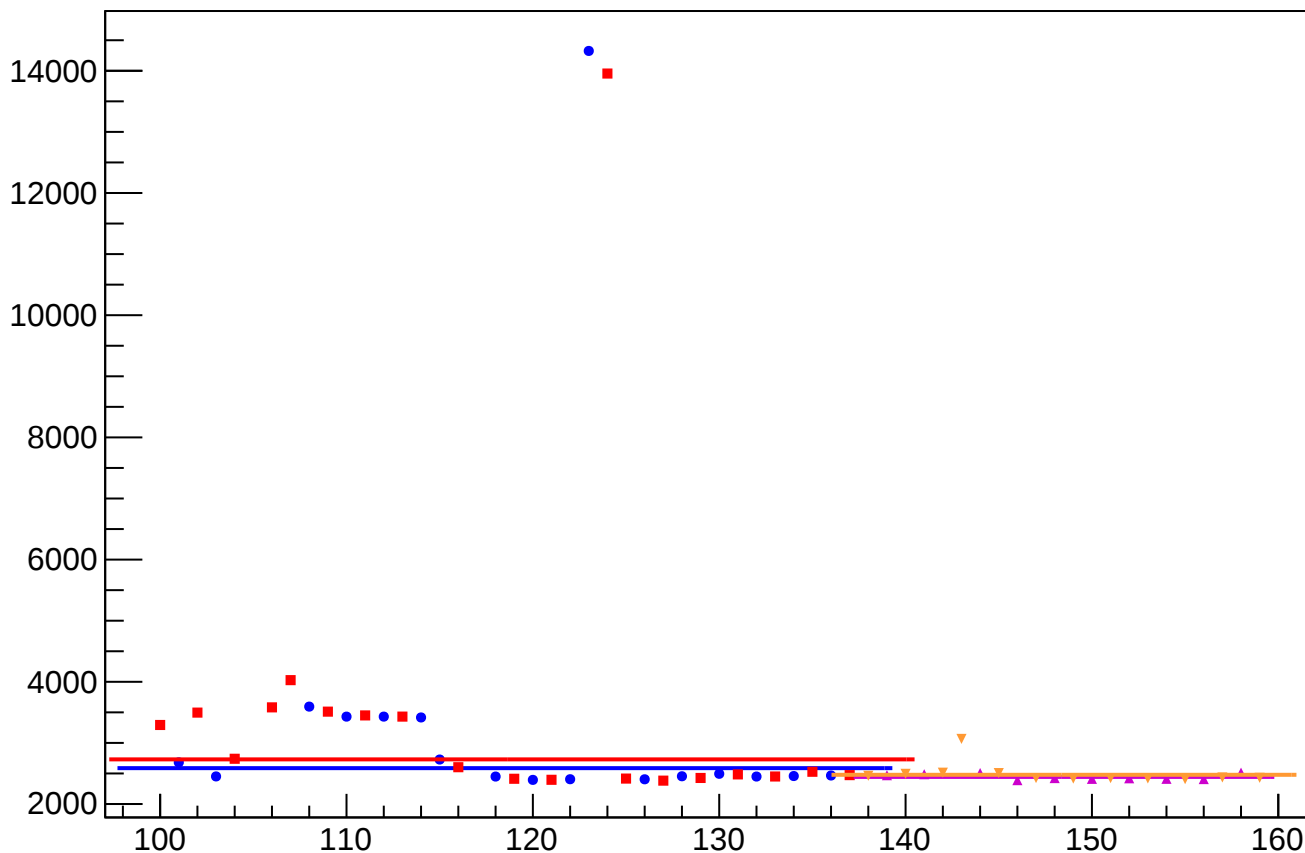
Left In: -1662.723+/-853.022 χ^2/NDF : 18.7/9

+ sign 2236.876+/-639.490 χ^2/NDF : 24.5/28

All: 446.382+/-459.643 χ^2/NDF : 85.0/57

- sign -1467.255+/-661.115 χ^2/NDF : 44.3/28

dit_asym_atl1_rms vs Slug



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2478.065+/-0.584 χ^2/NDF : 62281.6/11

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

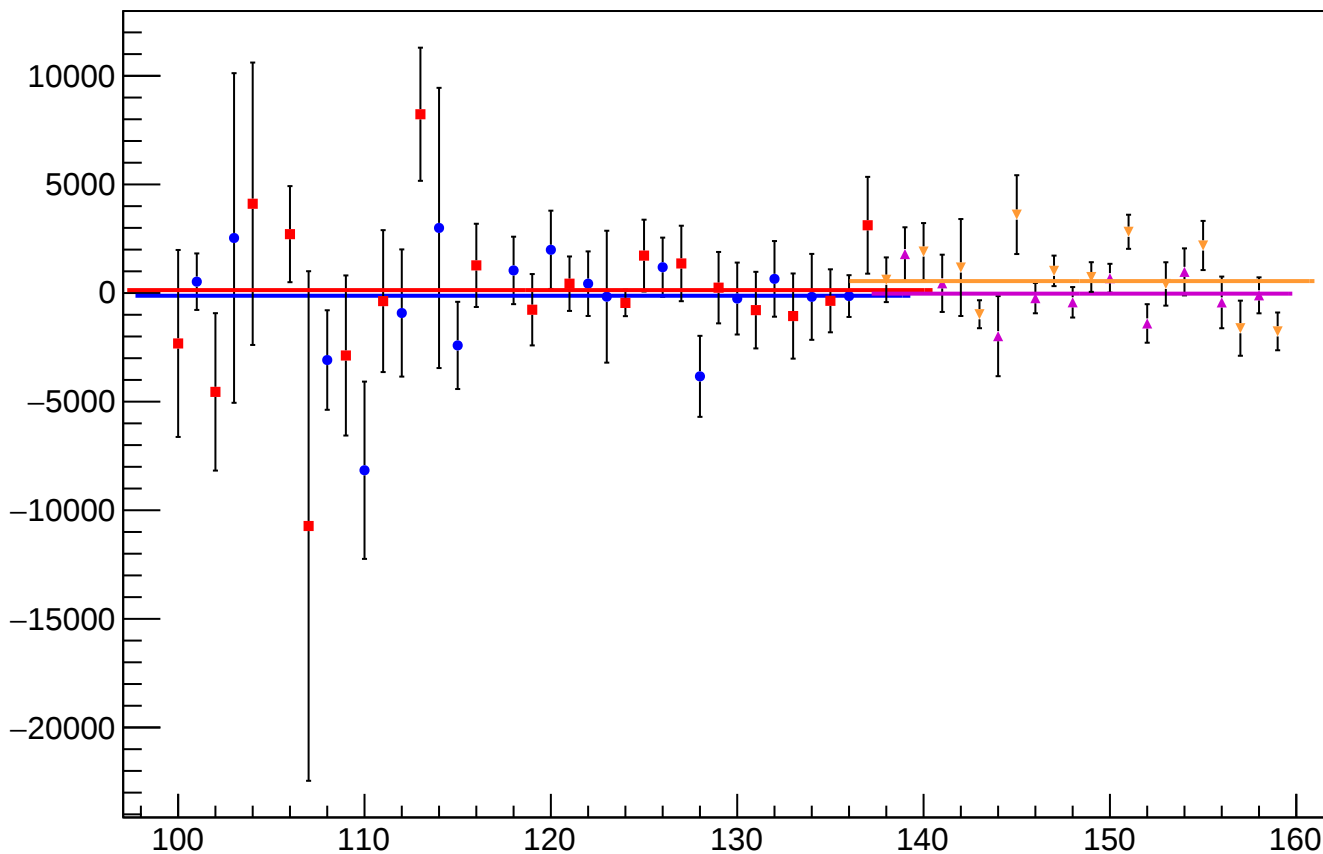
Left In: 2443.493+/-0.603 χ^2/NDF : 5015.3/9

+ sign 2521.713+/-0.452 χ^2/NDF : 330326.2/28

All: 2539.300+/-0.325 χ^2/NDF : 1013867.1/57

- sign 2558.098+/-0.467 χ^2/NDF : 680411.2/28

asym_atl1_correction_mean vs Slug



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 549.927 ± 267.605 χ^2/NDF : 30.6/11

Right Out: 135.340 ± 379.439 χ^2/NDF : 17.9/18

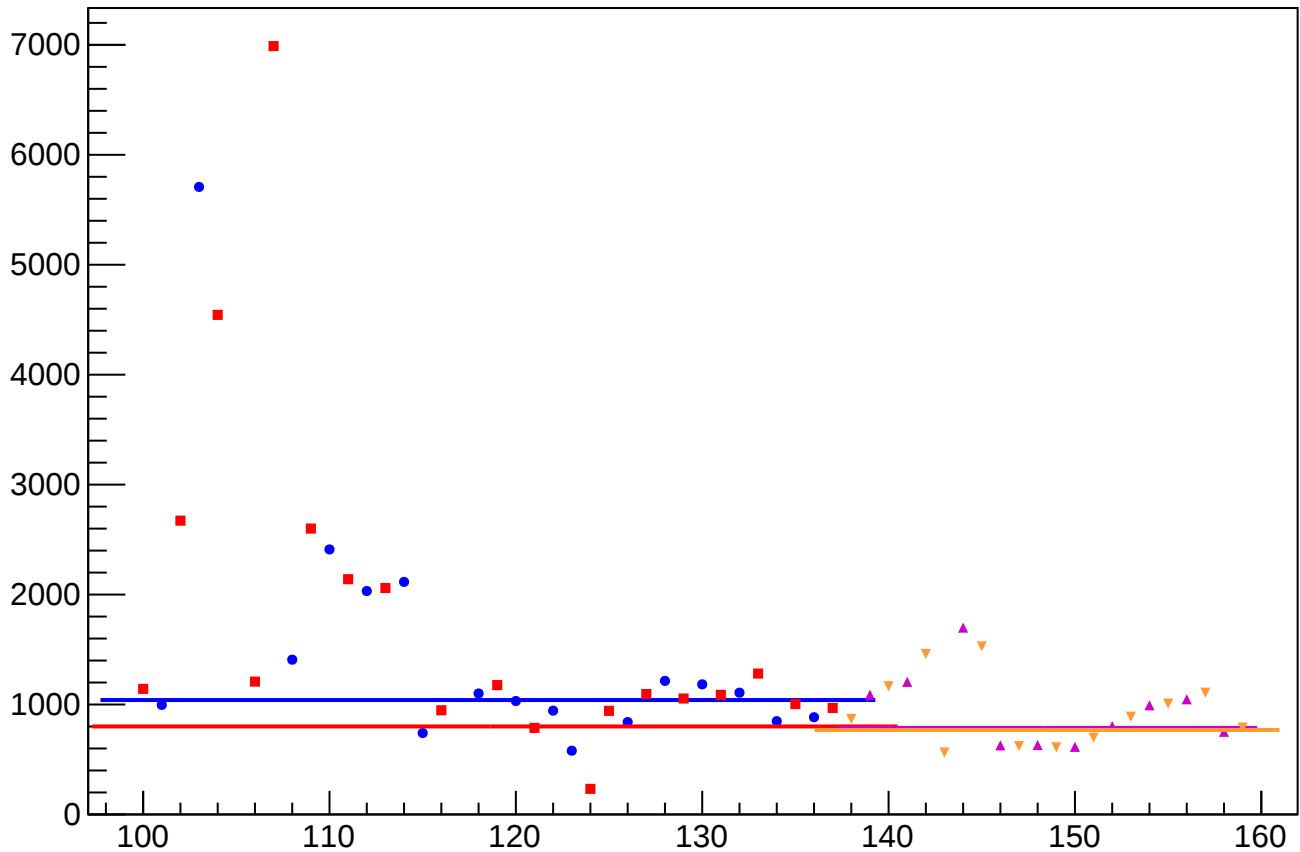
Left In: -28.045 ± 286.410 χ^2/NDF : 8.4/9

+ sign 362.129 ± 227.312 χ^2/NDF : 47.1/28

All: 197.626 ± 161.186 χ^2/NDF : 74.5/57

- sign 31.257 ± 228.598 χ^2/NDF : 26.4/28

asym_atl1_correction_rms vs Slug



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 768.391+/-0.189 χ^2/NDF : 1420656.7/11

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

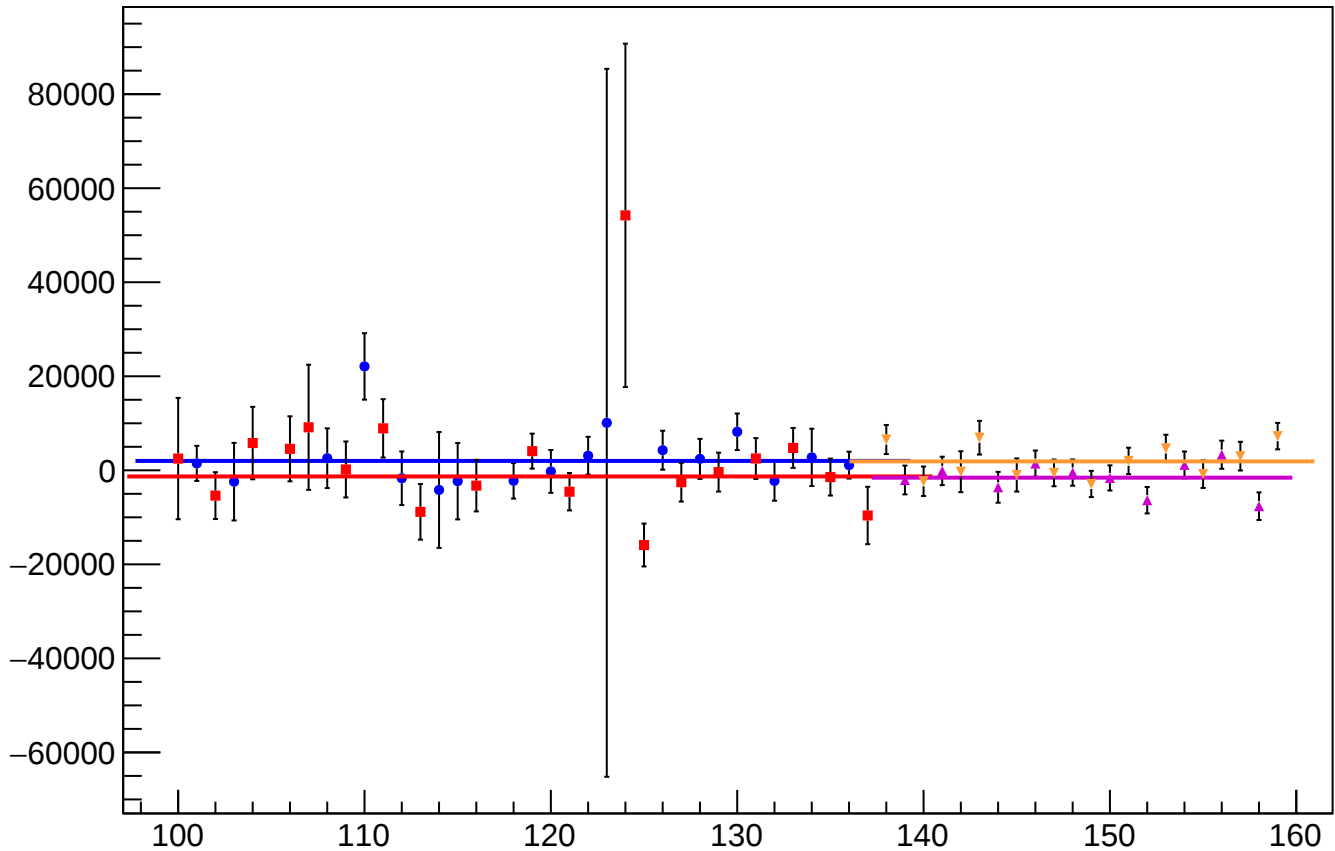
Left In: 787.288+/-0.203 χ^2/NDF : 1321966.0/9

+ sign 844.237+/-0.161 χ^2/NDF : 3570629.7/28

All: 818.290+/-0.114 χ^2/NDF : 10133557.9/57

- sign 792.050+/-0.162 χ^2/NDF : 6510516.0/28

asym_atl1_mean vs Slug



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1899.149+/-889.548 χ^2/NDF : 16.2/11

Right Out: -1304.124+/-1188.654 χ^2/NDF : 27.6/18

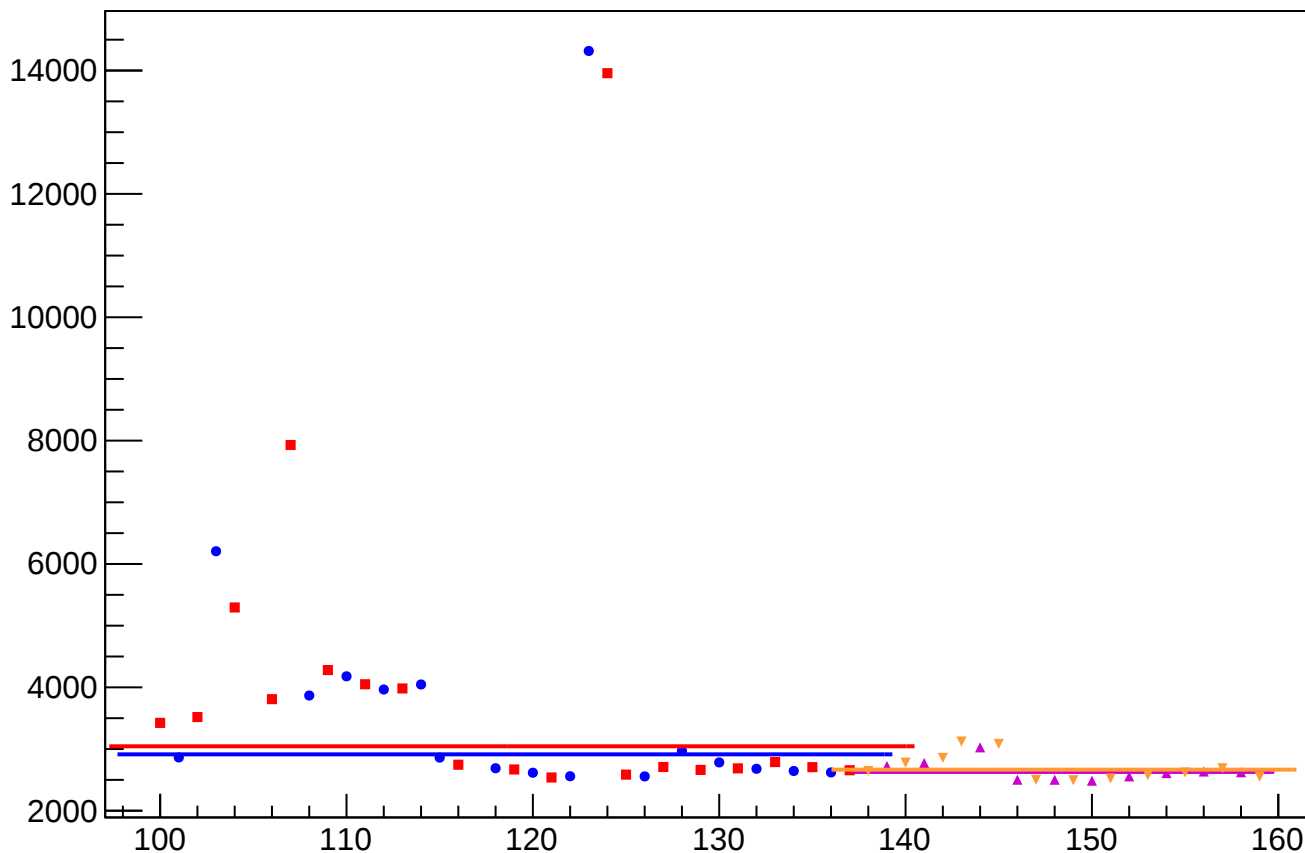
Left In: -1566.565+/-919.088 χ^2/NDF : 12.7/9

+ sign 1935.304+/-704.769 χ^2/NDF : 31.1/28

All: 286.510+/-506.053 χ^2/NDF : 82.7/57

- sign -1468.369+/-727.088 χ^2/NDF : 40.3/28

asym_atl1_rms vs Slug



Right In: 2913.875+/-0.817 χ^2 /NDF: 638984.6/16

Left Out: 2665.690+/-0.629 χ^2 /NDF: 92107.2/11

Right Out: 3044.474+/-0.841 χ^2 /NDF: 1005326.4/18

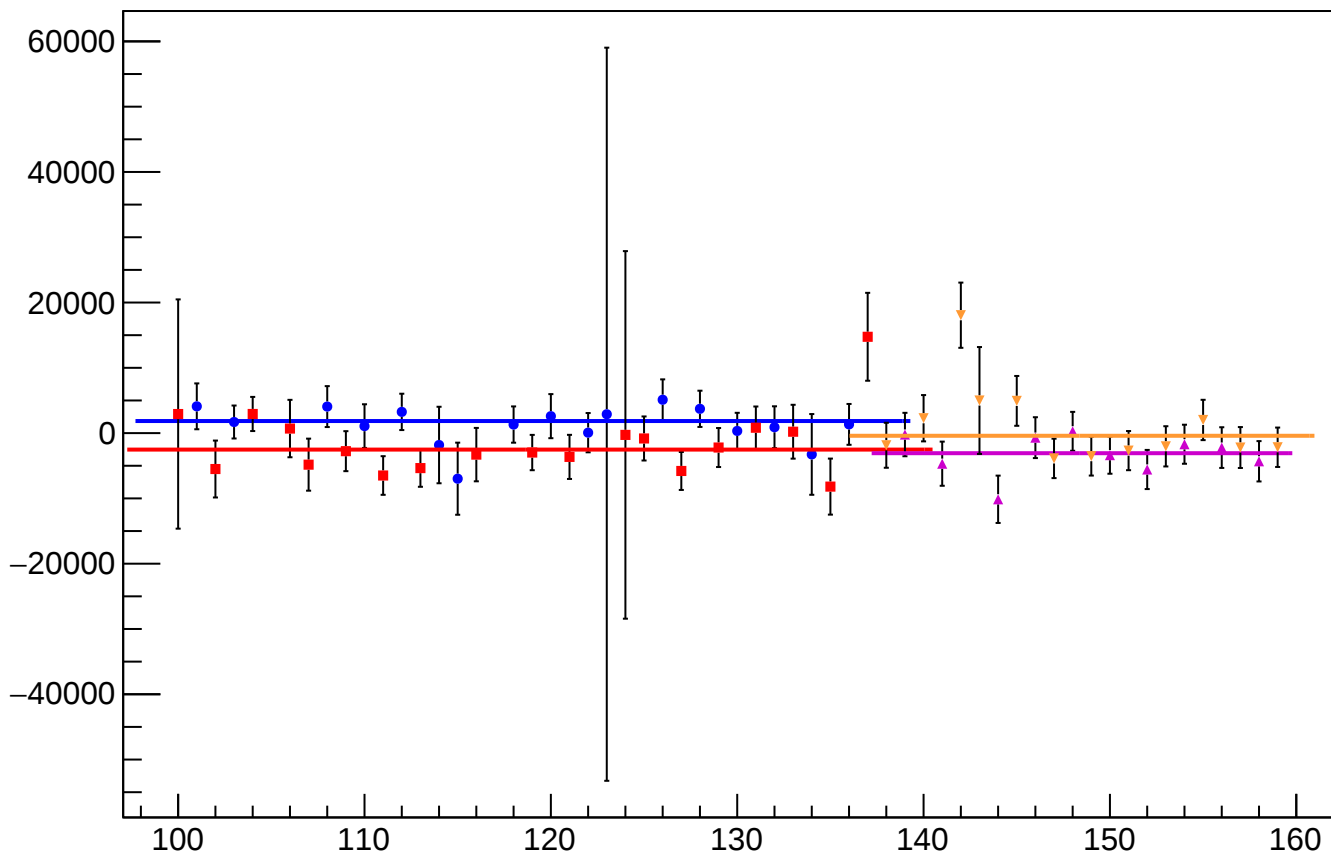
Left In: 2628.688+/-0.650 χ^2 /NDF: 51379.8/9

+ sign 2758.088+/-0.498 χ^2 /NDF: 789052.5/28

All: 2770.767+/-0.358 χ^2 /NDF: 2000244.8/57

- sign 2784.261+/-0.514 χ^2 /NDF: 1209856.2/28

dit_asym_atl2_mean vs Slug



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: -407.093 $\pm$ 979.022 χ^2 /NDF:21.4/11

Right Out: -2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

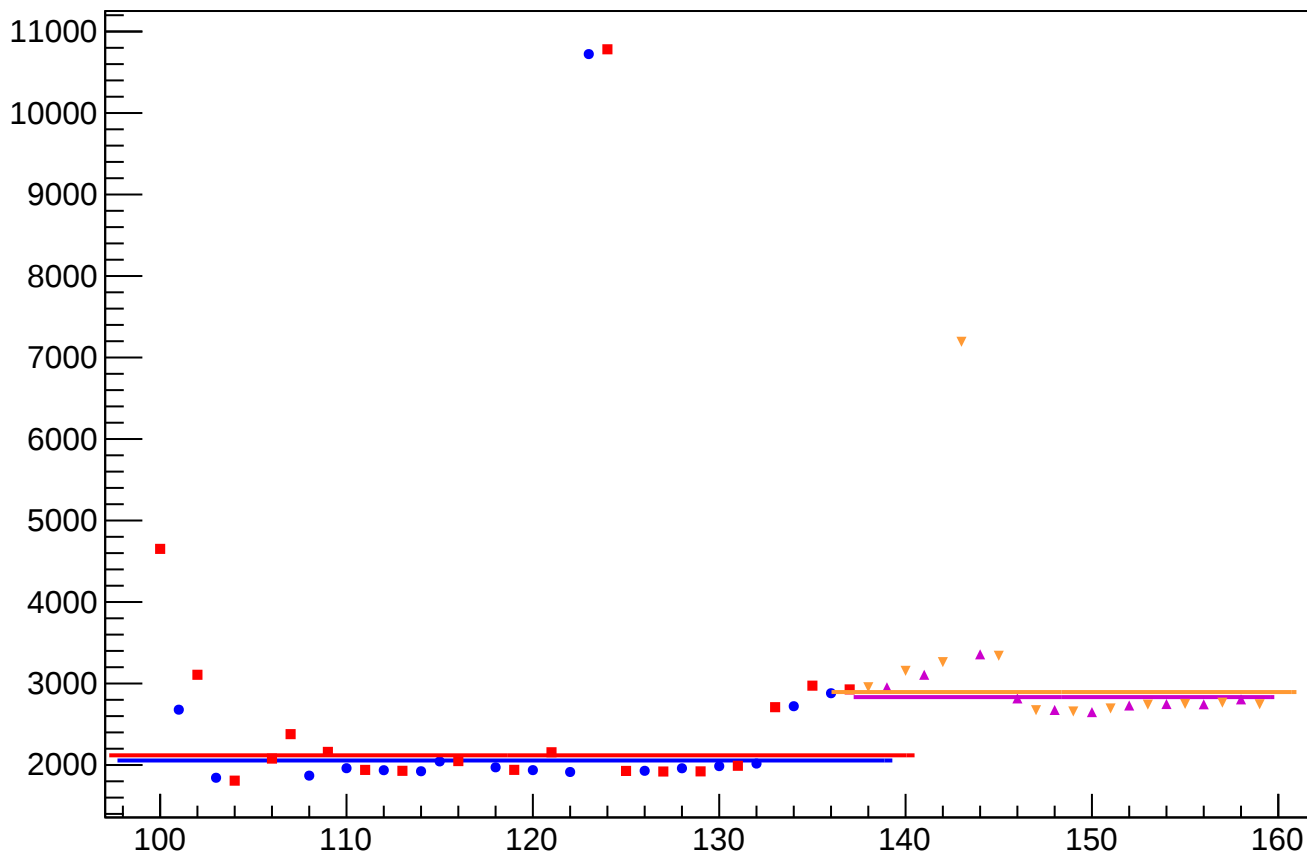
Left In: -3076.412 $\pm$ 988.684 χ^2 /NDF:7.8/9

+ sign 937.229 $\pm$ 622.604 χ^2 /NDF: 31.8/28

All: -882.417 $\pm$ 442.995 χ^2 /NDF: 77.1/57

- sign -2748.207 $\pm$ 630.449 χ^2 /NDF: 28.1/28

dit_asym_atl2_rms vs Slug



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2895.225+/-0.692 χ^2/NDF : 651073.2/11

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

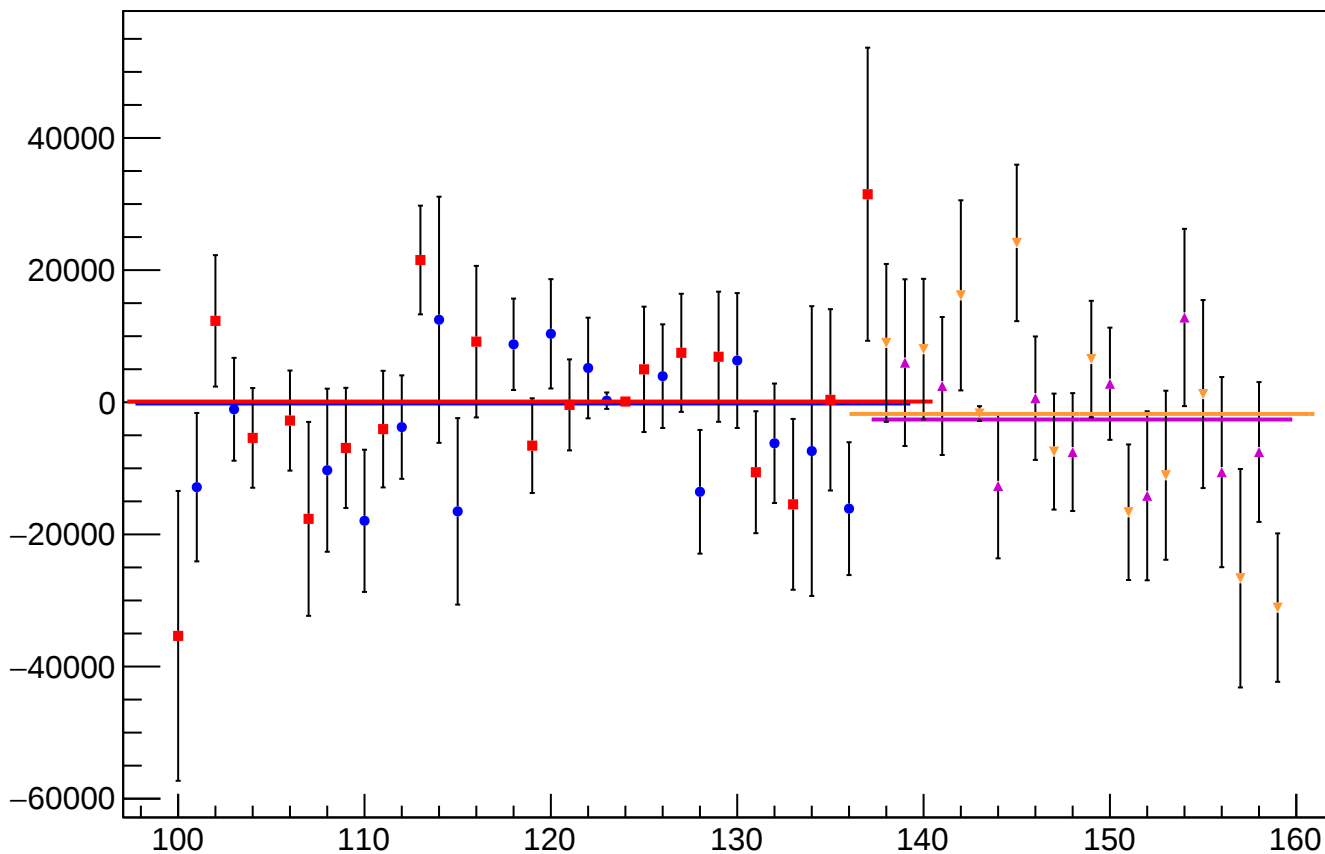
Left In: 2833.083+/-0.699 χ^2/NDF : 77428.9/9

+ sign 2395.075+/-0.440 χ^2/NDF : 1843872.9/28

All: 2401.820+/-0.313 χ^2/NDF : 3115679.8/57

- sign 2408.725+/-0.445 χ^2/NDF : 1271331.8/28

asym_atl2_correction_mean vs Slug



Right In: -185.246 ± 1100.780 $\chi^2/\text{NDF}: 16.4/16$

Left Out: -1764.055 ± 1066.153 $\chi^2/\text{NDF}: 21.0/11$

Right Out: 106.733 ± 690.637 $\chi^2/\text{NDF}: 21.6/18$

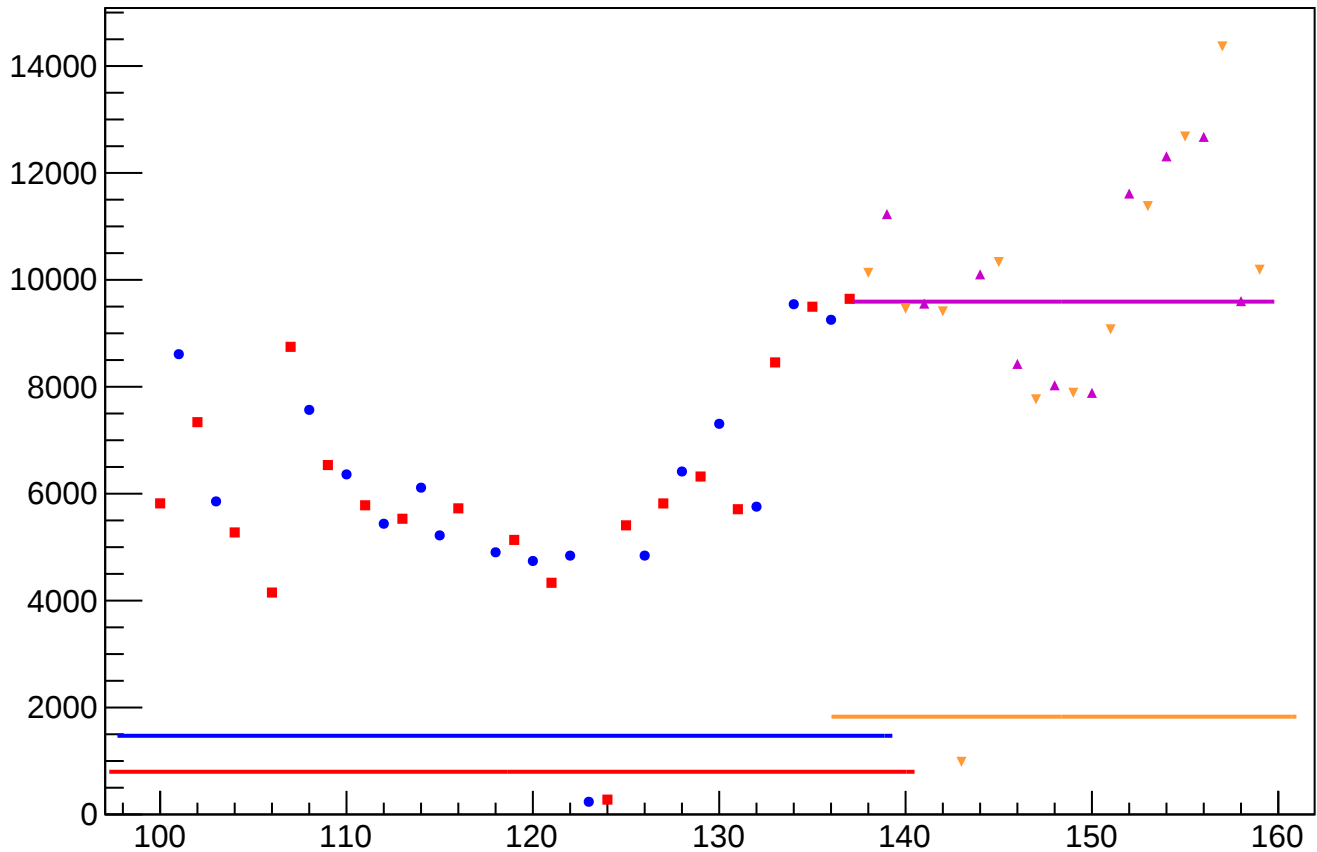
Left In: -2612.484 ± 3388.222 $\chi^2/\text{NDF}: 5.0/9$

+ sign -999.872 ± 765.833 $\chi^2/\text{NDF}: 38.5/28$

All: -439.382 ± 507.107 $\chi^2/\text{NDF}: 66.7/57$

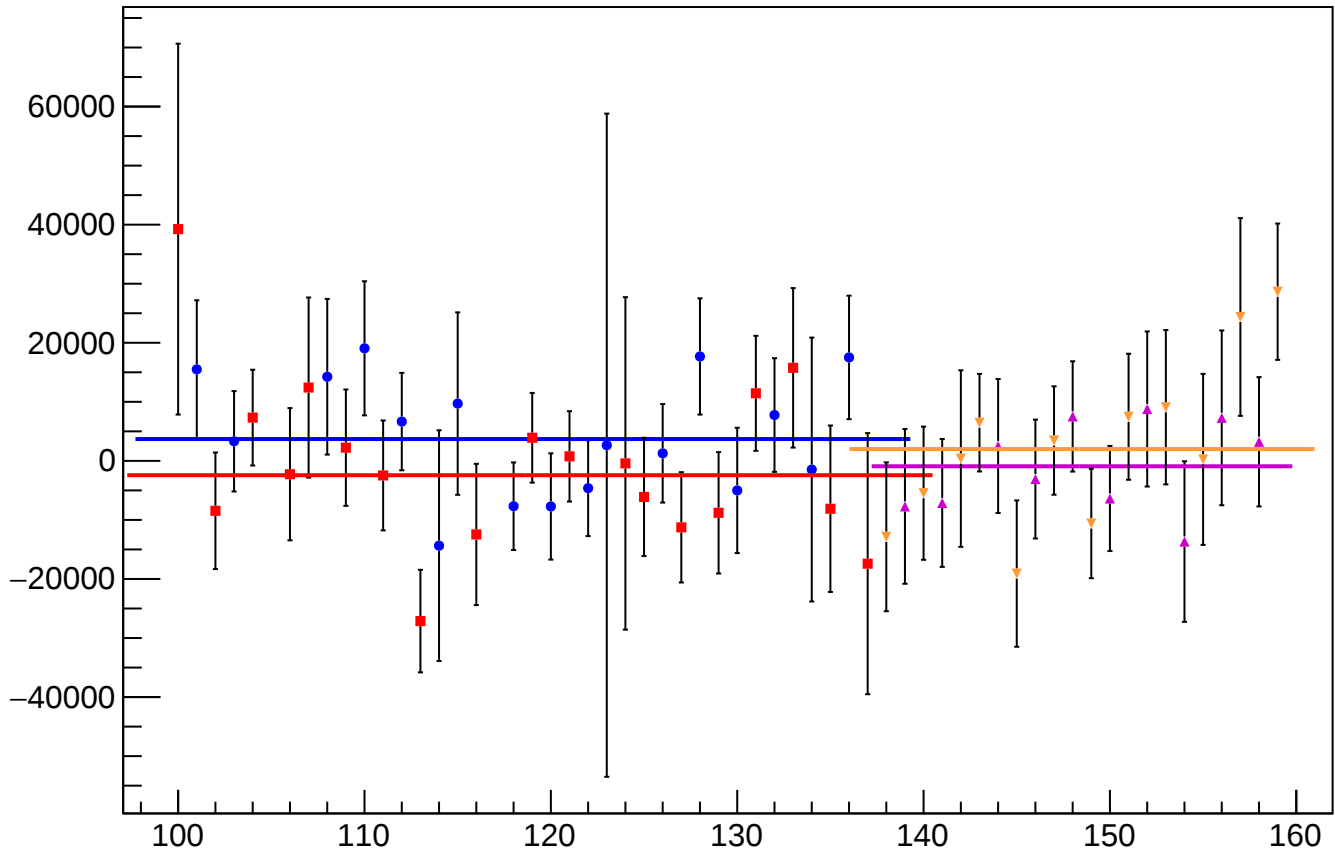
- sign -1.739 ± 676.721 $\chi^2/\text{NDF}: 27.2/28$

asym_atl2_correction_rms vs Slug



Right In: 1471.609+/-0.778	χ^2/NDF : 9788255.4/16	+ sign 1655.922+/-0.542	χ^2/NDF : 22004472.6/28
Left Out: 1828.823+/-0.754	χ^2/NDF : 12107545.9/11	All: 1371.515+/-0.359	χ^2/NDF : 47393689.1/5
Right Out: 798.642+/-0.488	χ^2/NDF : 11527481.4/18	- sign 1149.443+/-0.479	χ^2/NDF : 24898010.1/28
Left In: 9592.614+/-2.396	χ^2/NDF : 435218.9/9		

asym_atl2_mean vs Slug



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 2001.686+/-3265.229 χ^2/NDF : 14.6/11

Right Out: -2430.229+/-2421.418 χ^2/NDF : 20.3/18

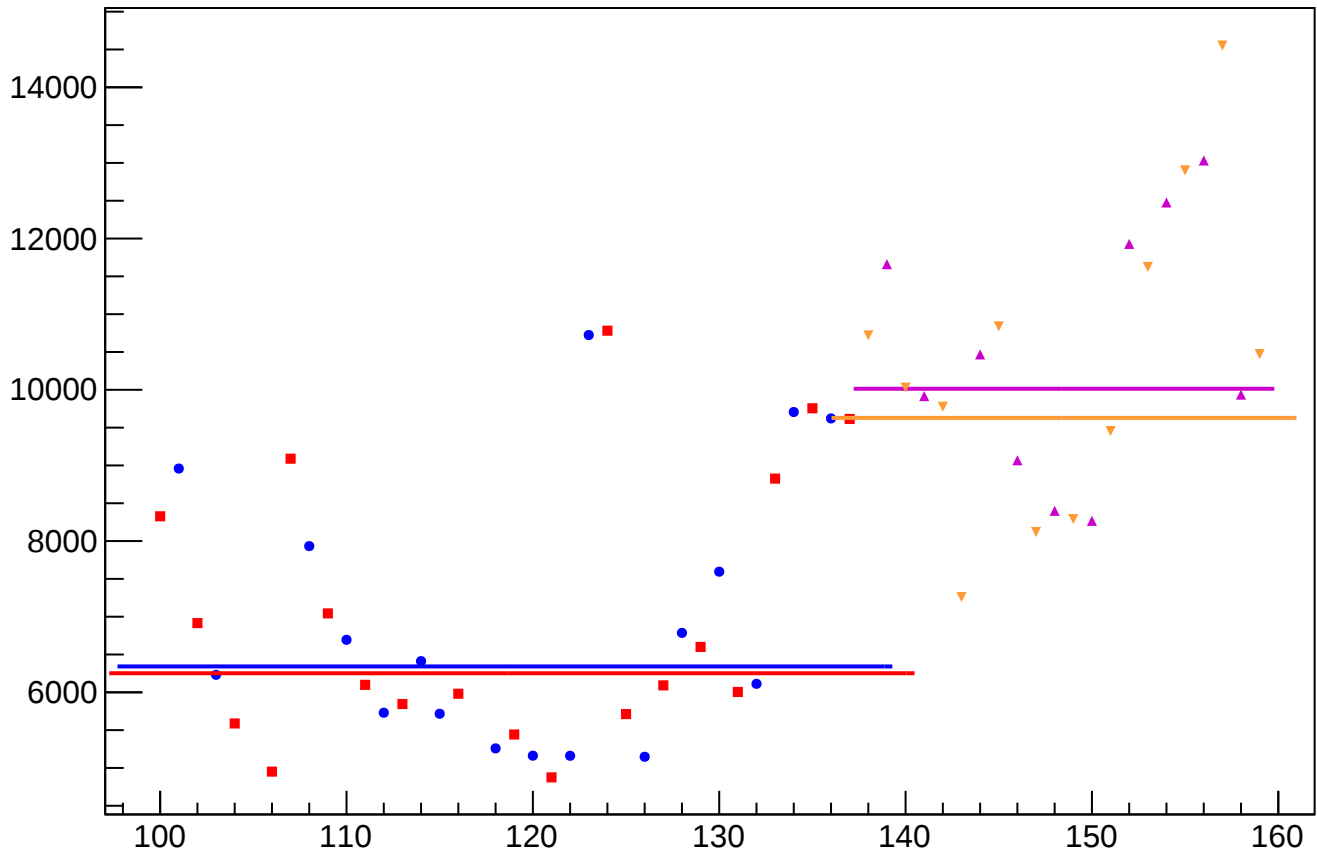
Left In: -914.012+/-3531.106 χ^2/NDF : 3.8/9

+ sign 3065.710+/-1993.945 χ^2/NDF : 29.2/28

All: 564.035+/-1411.007 χ^2/NDF : 56.5/57

- sign -1945.285+/-1996.990 χ^2/NDF : 24.2/28

asym_atl2_rms vs Slug



Right In: 6342.327 ± 1.780 χ^2/NDF : 593668.9/16

Left Out: 9628.836 ± 2.309 χ^2/NDF : 629988.0/11

Right Out: 6252.137 ± 1.712 χ^2/NDF : 538031.2/18

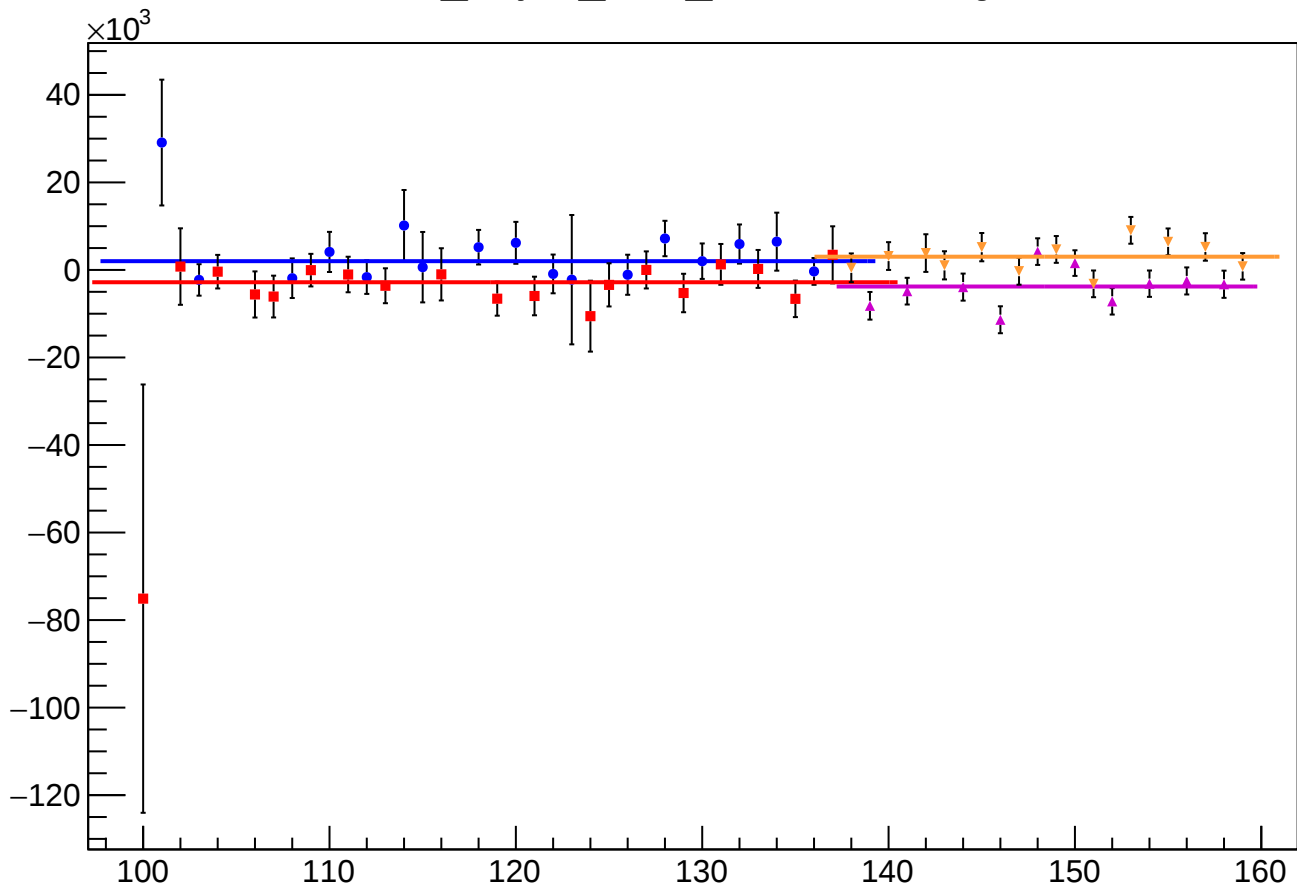
Left In: 10013.687 ± 2.497 χ^2/NDF : 380911.1/9

+ sign 7567.878 ± 1.410 χ^2/NDF : 2494250.4/28

All: 7511.598 ± 0.998 χ^2/NDF : 4960099.9/57

- sign 7455.149 ± 1.412 χ^2/NDF : 2462657.9/28

dit_asym_atr1_mean vs Slug



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 3027.120+/-920.344 χ^2/NDF :13.2/11

Right Out: -2811.702+/-1086.544 χ^2/NDF : 10.5/18

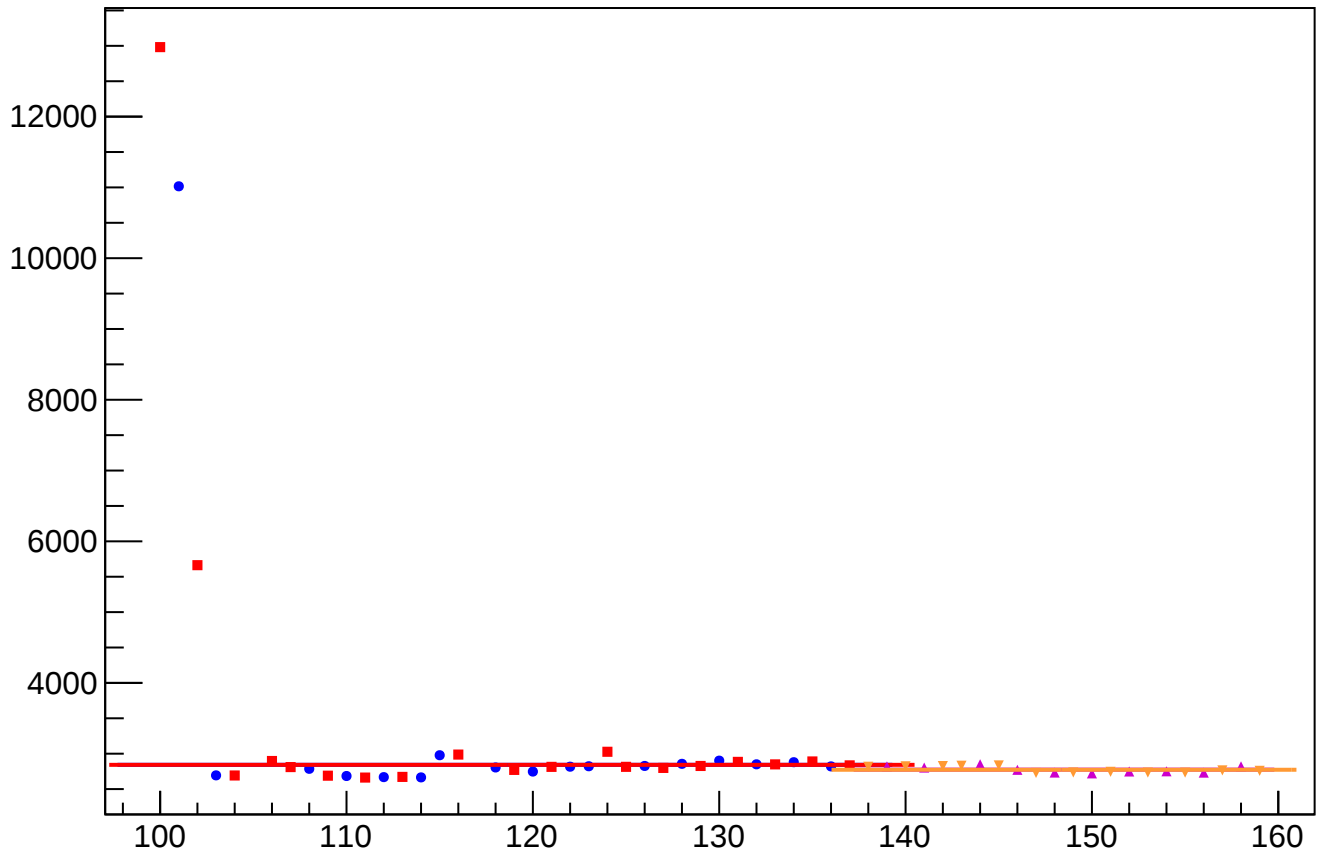
Left In: -3785.506+/-966.354 χ^2/NDF :19.9/9

+ sign 2617.343+/-712.451 χ^2/NDF : 27.4/28

All: -328.931+/-507.151 χ^2/NDF : 92.9/57

- sign -3355.422+/-722.085 χ^2/NDF : 30.8/28

dit_asym_atr1_rms vs Slug



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2772.992+/-0.651 χ^2/NDF : 4108.6/11

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

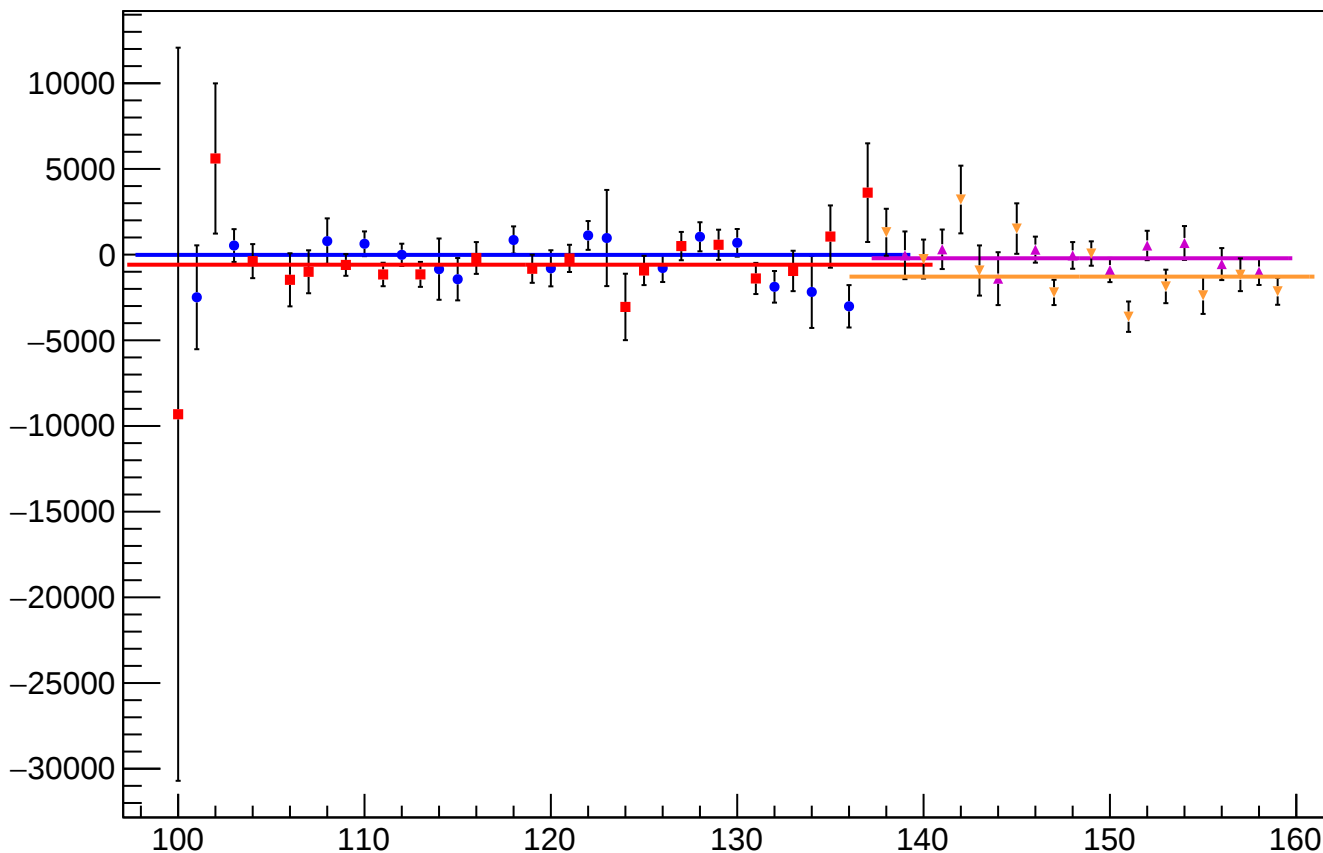
Left In: 2774.645+/-0.683 χ^2/NDF : 3930.0/9

+ sign 2800.899+/-0.504 χ^2/NDF : 669002.2/28

All: 2802.718+/-0.359 χ^2/NDF : 989641.8/57

- sign 2804.587+/-0.511 χ^2/NDF : 320613.1/28

asym_atr1_correction_mean vs Slug



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1284.551 ± 286.538 χ^2/NDF : 27.9/11

Right Out: -588.581 ± 225.799 χ^2/NDF : 13.5/18

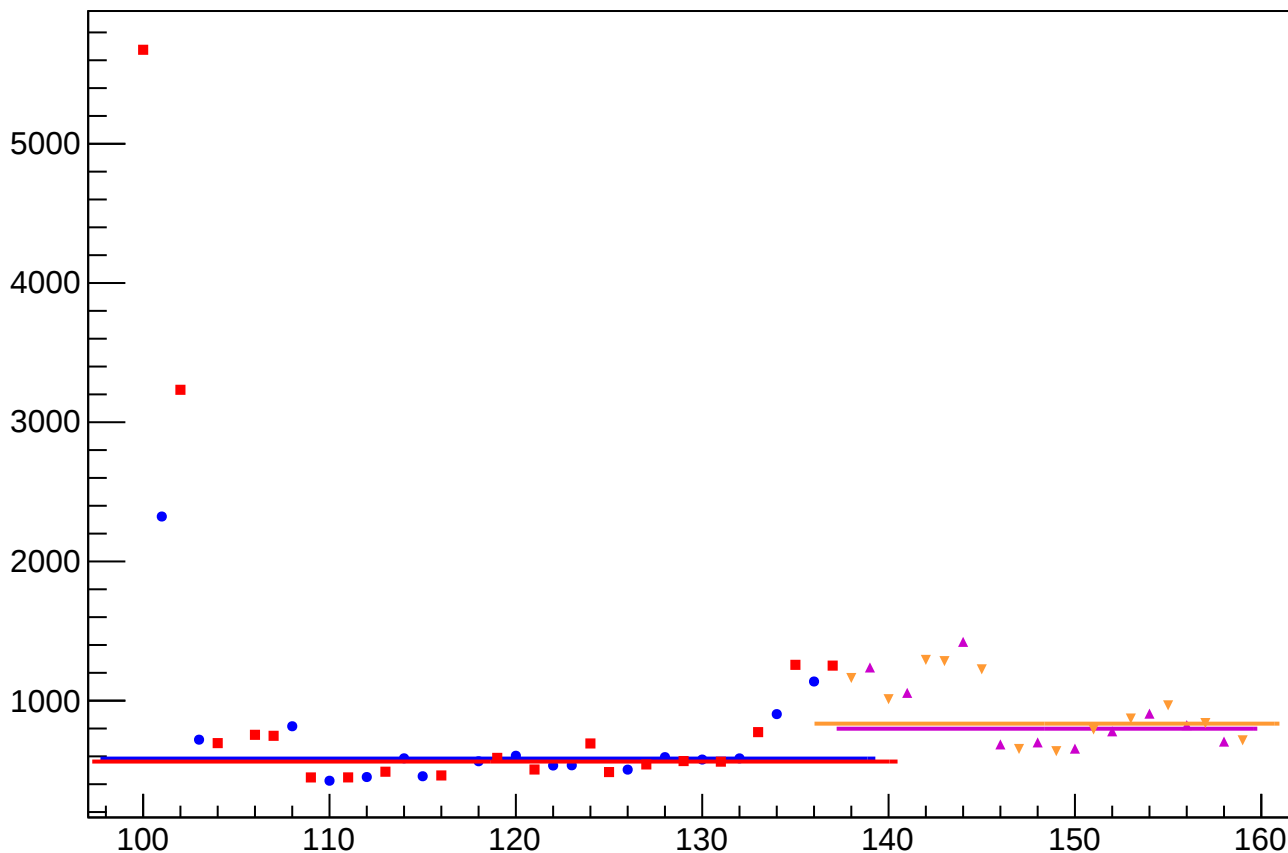
Left In: -213.147 ± 285.615 χ^2/NDF : 5.0/9

+ sign -535.888 ± 183.474 χ^2/NDF : 61.1/28

All: -488.423 ± 127.434 χ^2/NDF : 80.7/57

- sign -444.183 ± 177.131 χ^2/NDF : 19.5/28

asym_atr1_correction_rms vs Slug



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 834.978+/-0.203 χ^2/NDF : 957642.1/11

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

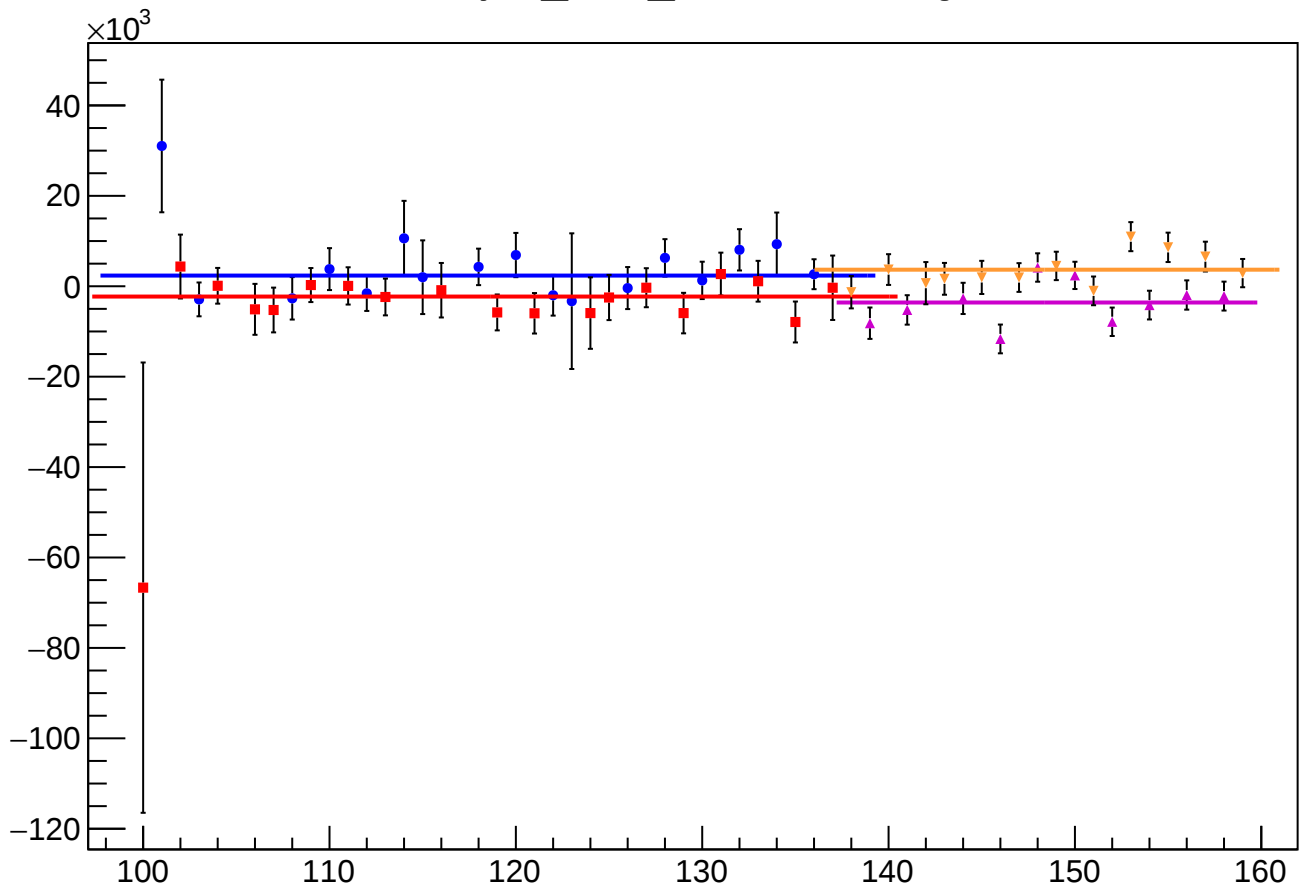
Left In: 798.639+/-0.202 χ^2/NDF : 838994.6/9

+ sign 686.933+/-0.130 χ^2/NDF : 3299151.4/28

All: 669.598+/-0.090 χ^2/NDF : 6652141.4/57

- sign 653.441+/-0.125 χ^2/NDF : 3318494.8/28

asym_atr1_mean vs Slug



Right In: 2362.798 ± 1159.943 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 3664.817 ± 975.625 $\chi^2/\text{NDF}: 13.8/11$

Right Out: -2277.507 ± 1111.658 $\chi^2/\text{NDF}: 10.2/18$

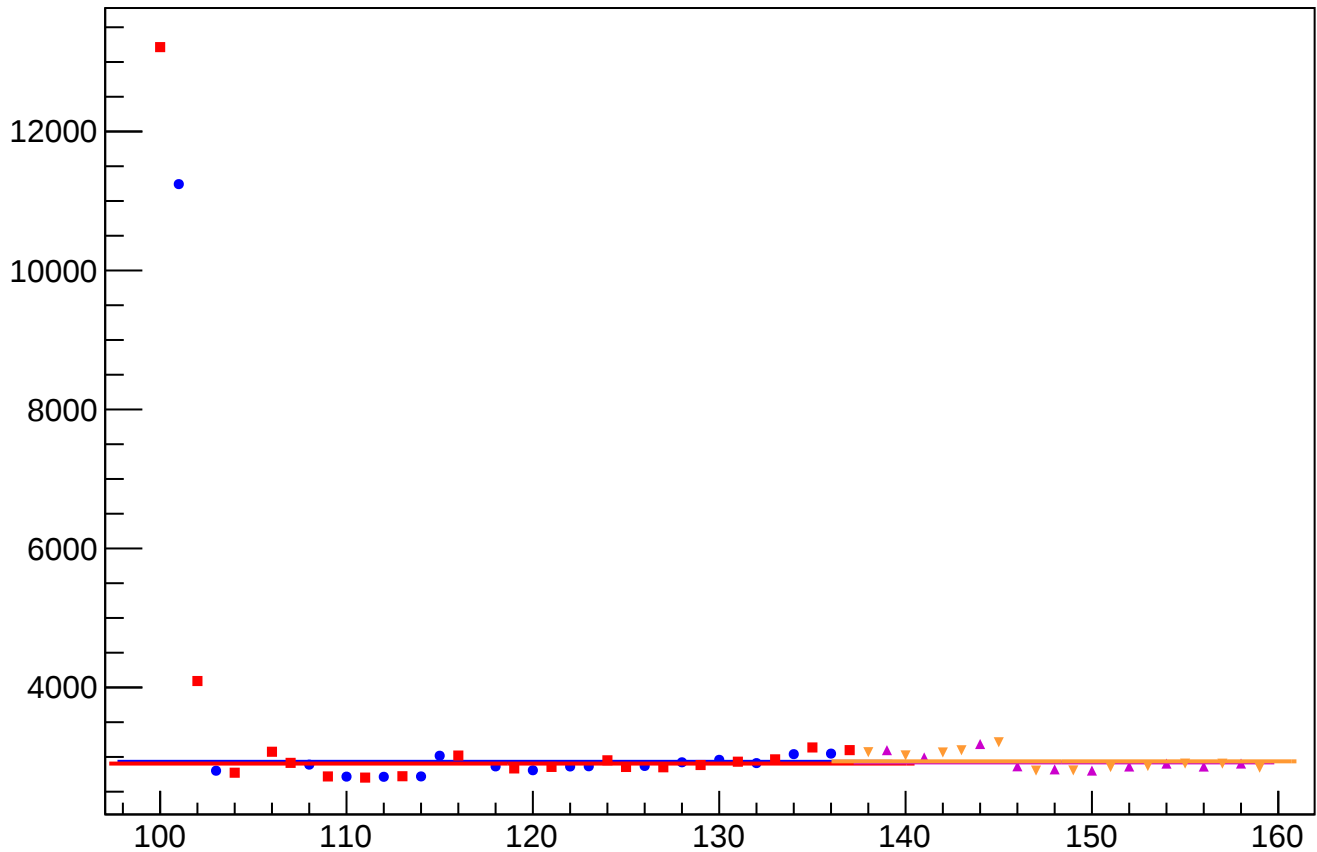
Left In: -3595.105 ± 1018.199 $\chi^2/\text{NDF}: 20.8/9$

+ sign 3125.352 ± 746.637 $\chi^2/\text{NDF}: 29.6/28$

All: 82.869 ± 529.434 $\chi^2/\text{NDF}: 94.8/57$

- sign -2994.011 ± 750.846 $\chi^2/\text{NDF}: 31.8/28$

asym_atr1_rms vs Slug



Right In: 2929.654 $\pm$ 0.820 χ^2 /NDF: 662629.0/16

Left Out: 2936.747 $\pm$ 0.690 χ^2 /NDF: 32107.5/11

Right Out: 2904.570 $\pm$ 0.786 χ^2 /NDF: 169288.7/18

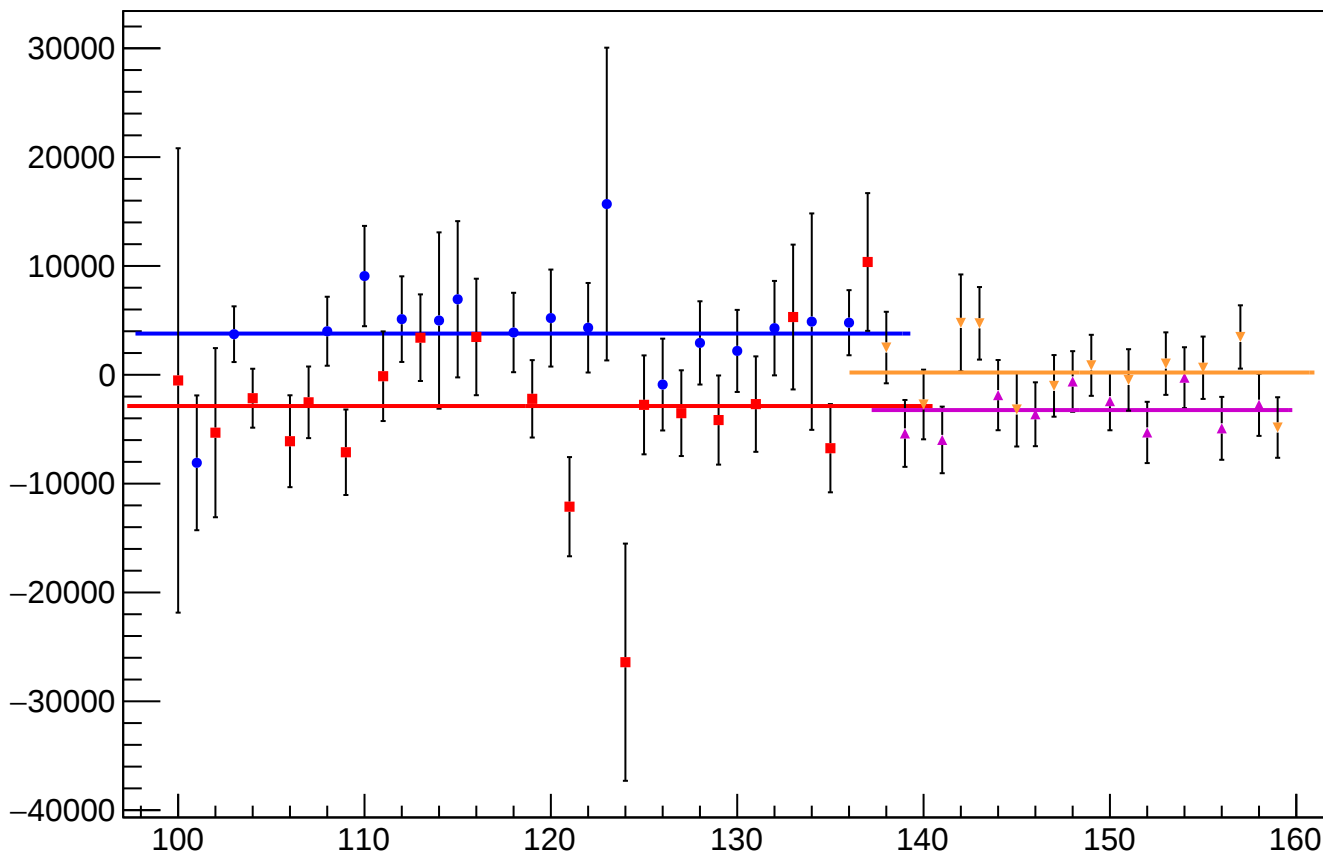
Left In: 2921.534 $\pm$ 0.720 χ^2 /NDF: 25056.0/9

+ sign 2933.808 $\pm$ 0.528 χ^2 /NDF: 694780.3/28

All: 2923.858 $\pm$ 0.374 χ^2 /NDF: 890092.8/57

- sign 2913.795 $\pm$ 0.531 χ^2 /NDF: 194598.0/28

dit_asym_atr2_mean vs Slug



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 208.982+/-882.236 χ^2/NDF :10.2/11

Right Out: -2869.484+/-1002.967 χ^2/NDF : 22.0/18

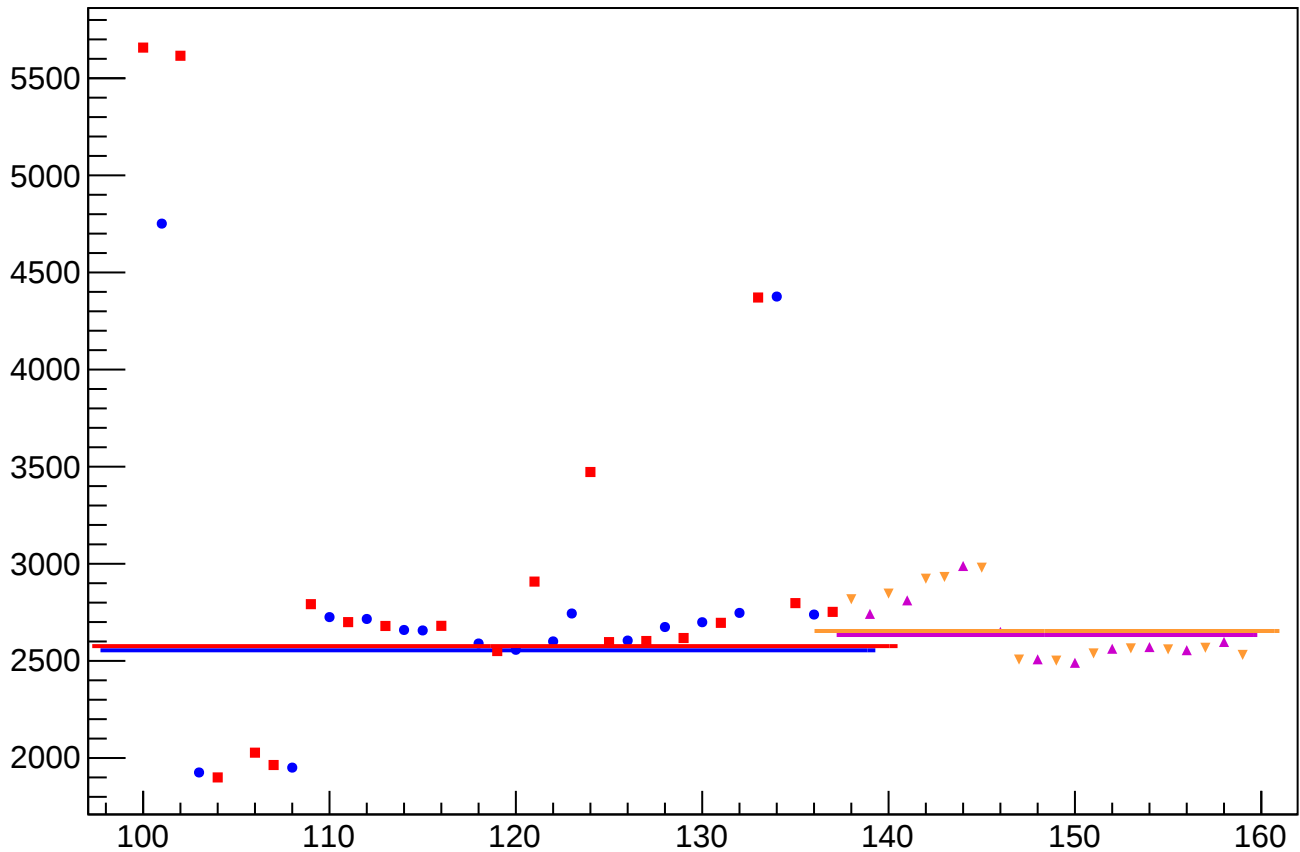
Left In: -3241.117+/-916.893 χ^2/NDF :4.5/9

+ sign 1761.139+/-663.908 χ^2/NDF : 25.0/28

All: -609.178+/-473.922 χ^2/NDF : 77.7/57

- sign -3071.929+/-676.729 χ^2/NDF : 26.6/28

dit_asym_atr2_rms vs Slug



Right In: 2554.537+/-0.713 χ^2/NDF : 536626.0/16

Left Out: 2653.968+/-0.624 χ^2/NDF : 76257.2/11

Right Out: 2576.077+/-0.709 χ^2/NDF : 765156.6/18

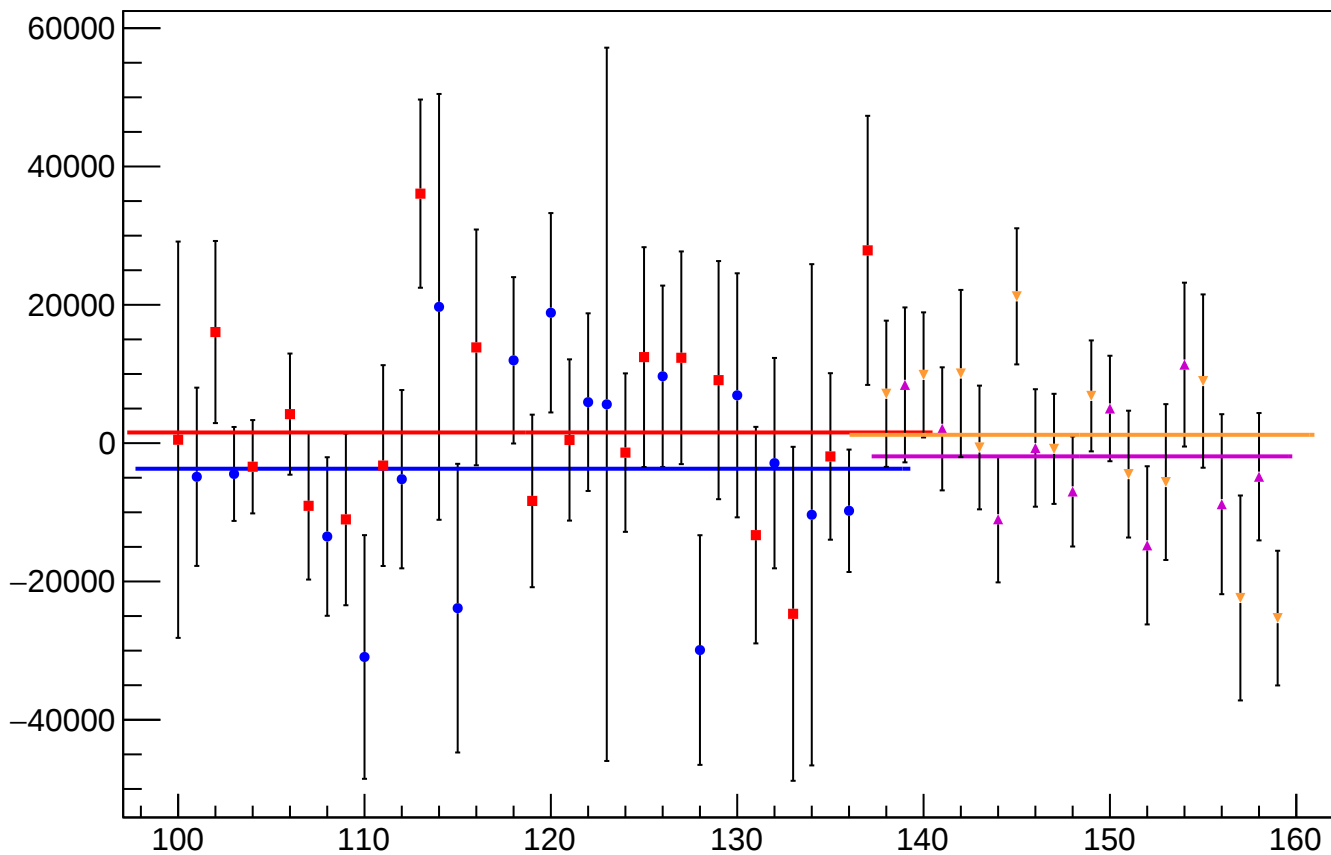
Left In: 2633.297+/-0.648 χ^2/NDF : 47404.6/9

+ sign 2610.845+/-0.469 χ^2/NDF : 623901.1/28

All: 2609.074+/-0.335 χ^2/NDF : 1440039.0/57

- sign 2607.236+/-0.478 χ^2/NDF : 816108.9/28

asym_atr2_correction_mean vs Slug



Right In: -3699.522 ± 3217.843 $\chi^2/\text{NDF}: 13.8/16$

Left Out: 1205.764 ± 2846.317 $\chi^2/\text{NDF}: 17.6/11$

Right Out: 1544.858 ± 2896.847 $\chi^2/\text{NDF}: 16.8/18$

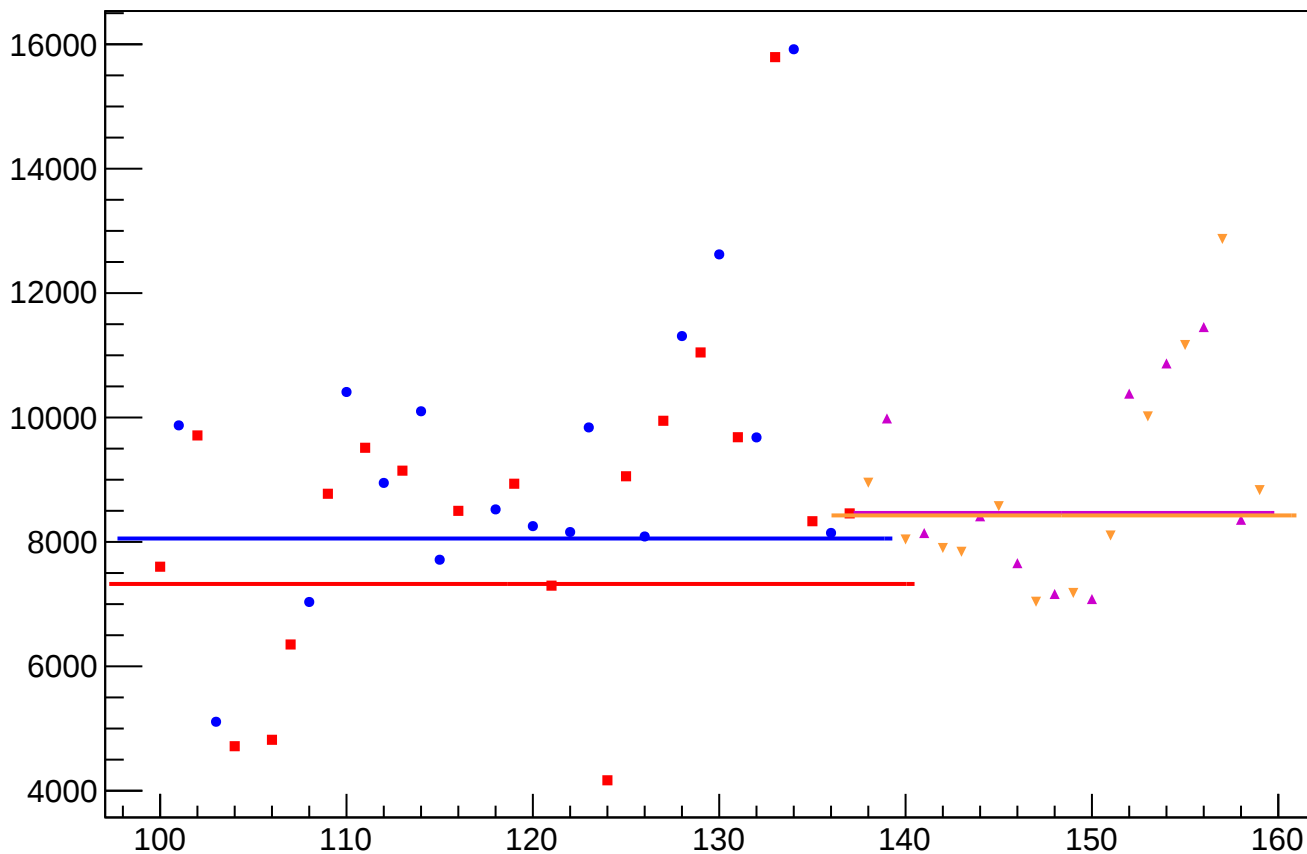
Left In: -1911.368 ± 2989.027 $\chi^2/\text{NDF}: 6.2/9$

+ sign -947.476 ± 2131.959 $\chi^2/\text{NDF}: 32.7/28$

All: -528.255 ± 1488.888 $\chi^2/\text{NDF}: 56.5/57$

- sign -129.140 ± 2080.205 $\chi^2/\text{NDF}: 23.7/28$

asym_atr2_correction_rms vs Slug



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8426.075 $\pm$ 2.013 χ^2 /NDF: 451904.8/11

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

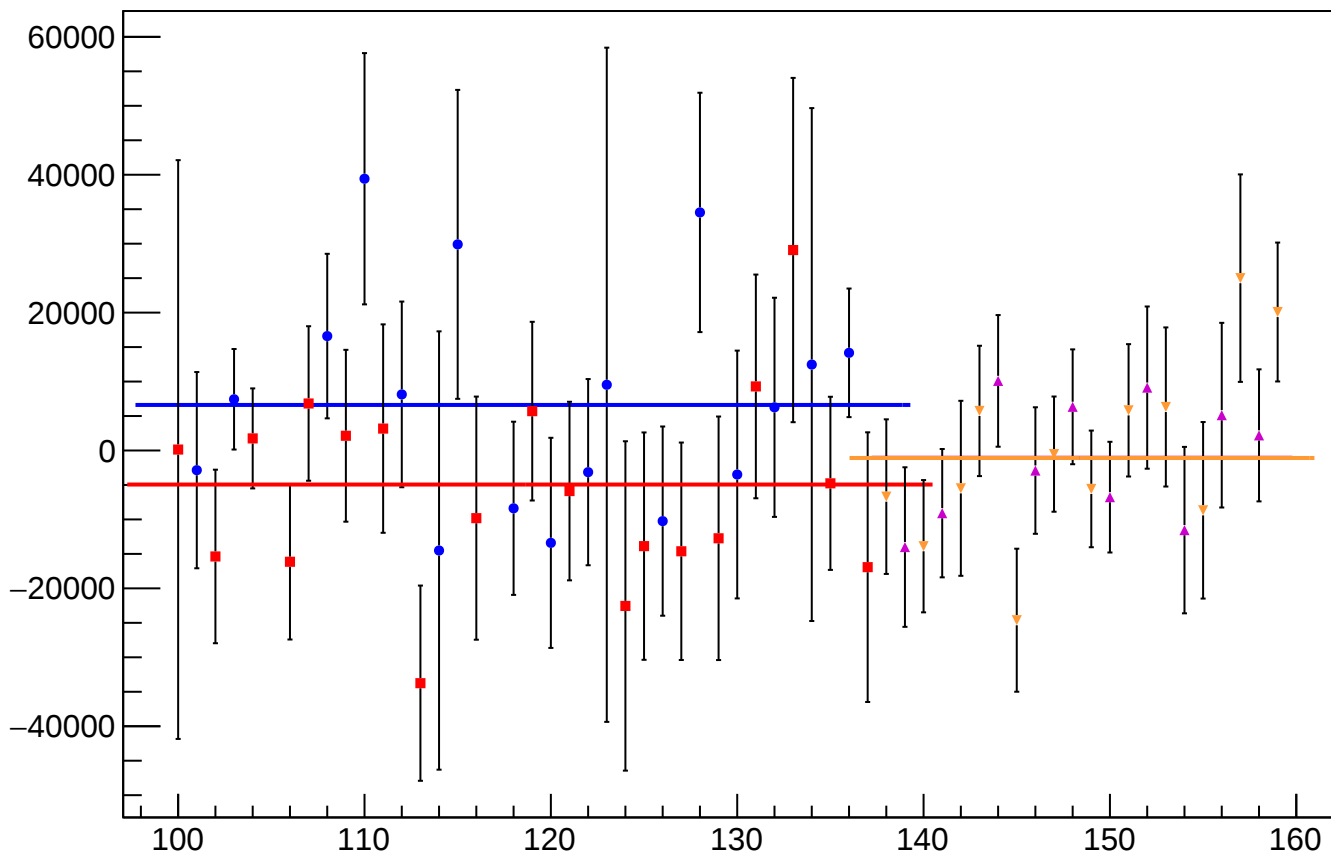
Left In: 8465.698 $\pm$ 2.114 χ^2 /NDF: 421449.7/9

+ sign 8263.087 $\pm$ 1.508 χ^2 /NDF: 1287608.1/28

All: 8065.363 $\pm$ 1.053 χ^2 /NDF: 3229170.7/57

- sign 7877.123 $\pm$ 1.471 χ^2 /NDF: 1907983.0/28

asym_atr2_mean vs Slug



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -1085.328+/-2981.139 χ^2/NDF : 16.8/11

Right Out: -4938.727+/-3167.808 χ^2/NDF : 13.6/18

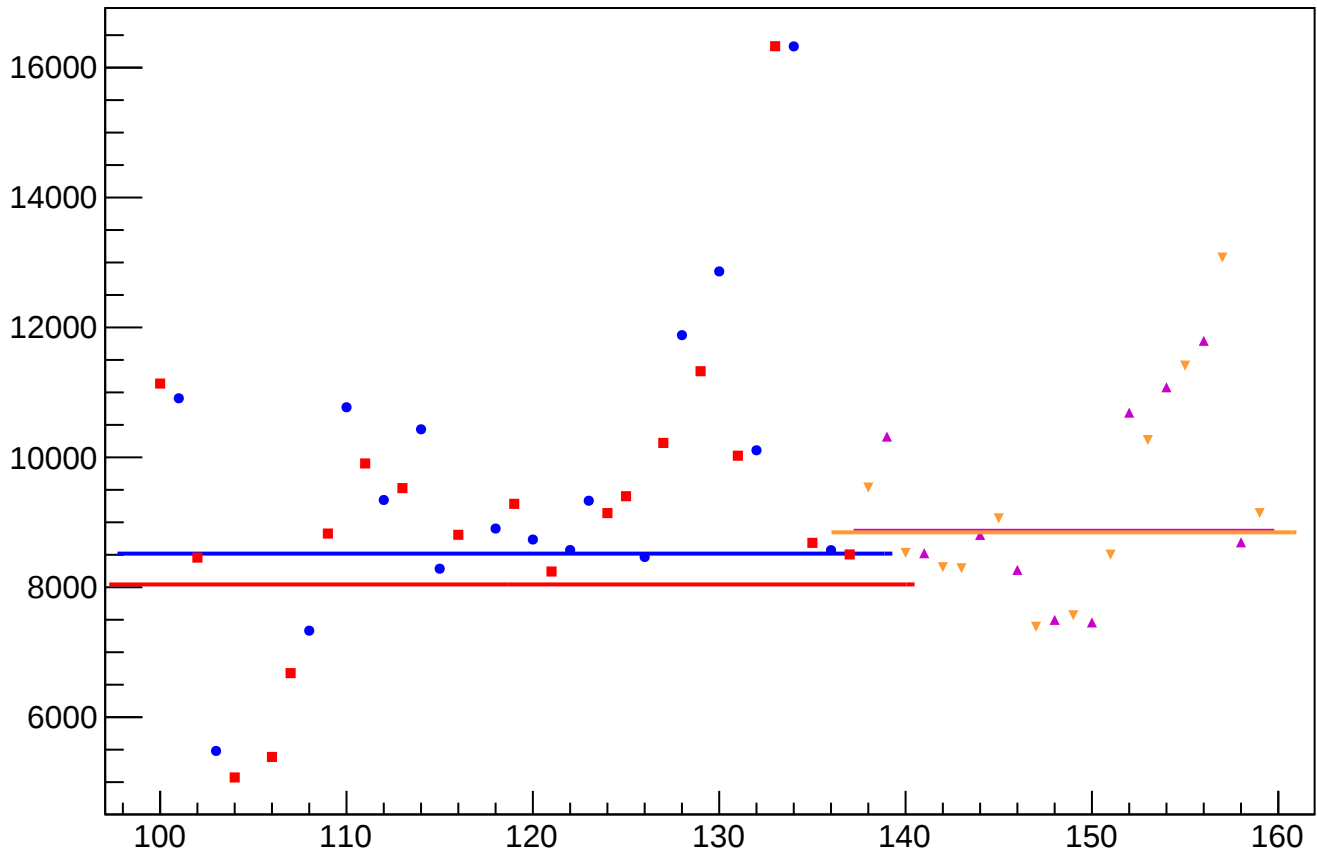
Left In: -1053.684+/-3125.945 χ^2/NDF : 6.5/9

+ sign 2262.818+/-2240.343 χ^2/NDF : 34.4/28

All: -371.720+/-1578.720 χ^2/NDF : 58.0/57

- sign -2970.365+/-2225.030 χ^2/NDF : 20.8/28

asym_atr2_rms vs Slug



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8846.076+/-2.108 χ^2/NDF : 400072.3/11

+ sign 8703.403+/-1.584 χ^2/NDF : 1182592.3/28

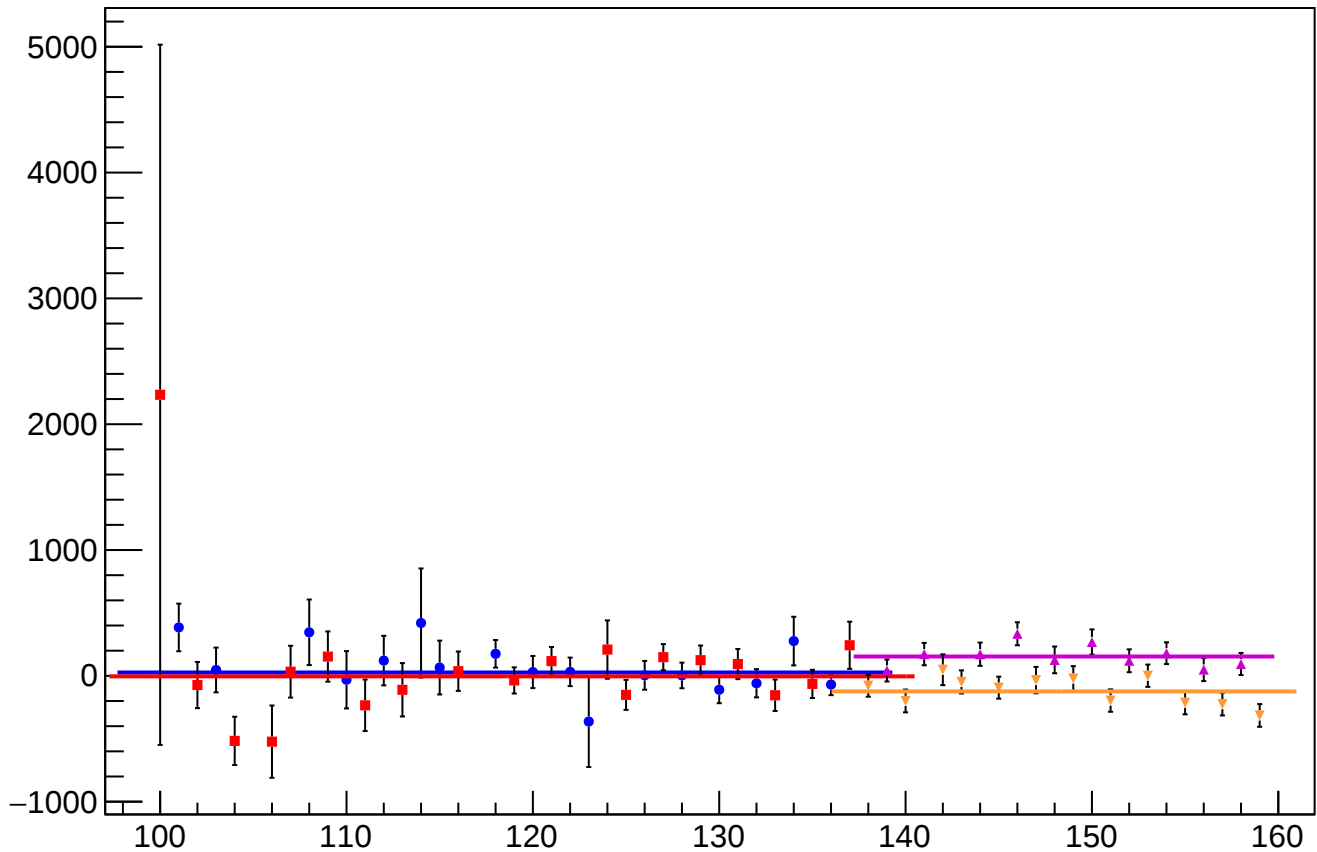
Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

All: 8581.983+/-1.116 χ^2/NDF : 2586367.2/57

- sign 8462.222+/-1.573 χ^2/NDF : 1392105.9/28

Left In: 8869.731+/-2.210 χ^2/NDF : 369640.2/9

dit_asym_sam1_mean vs Slug



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -123.663 ± 26.904 χ^2/NDF : 14.9/11

Right Out: -4.007 ± 33.839 χ^2/NDF : 24.6/18

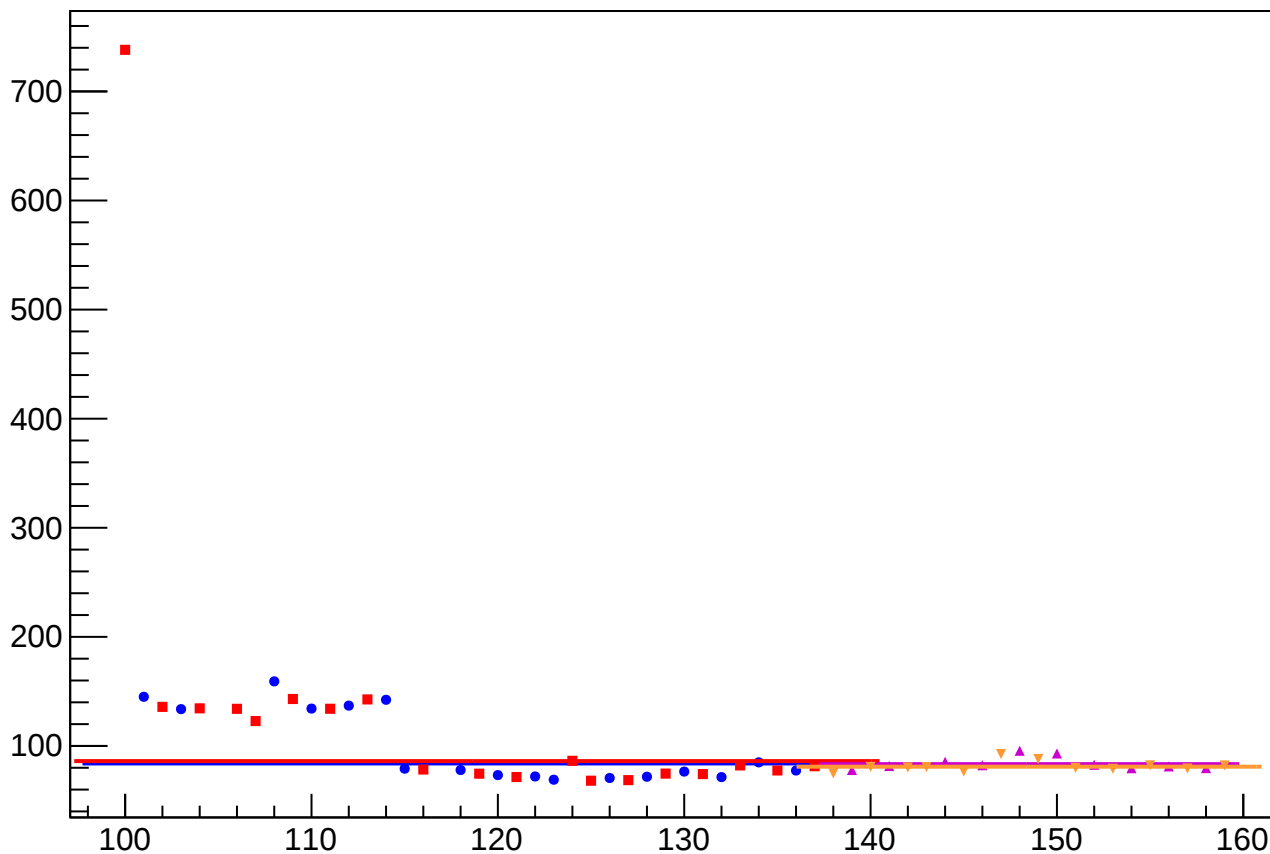
Left In: 153.775 ± 29.063 χ^2/NDF : 8.9/9

+ sign -64.972 ± 21.008 χ^2/NDF : 41.6/28

All: 7.247 ± 15.209 χ^2/NDF : 112.5/57

- sign 86.795 ± 22.048 χ^2/NDF : 46.0/28

dit_asym_sam1_rms vs Slug



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 80.994 $\pm$ 0.019 χ^2 /NDF: 52183.2/11

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

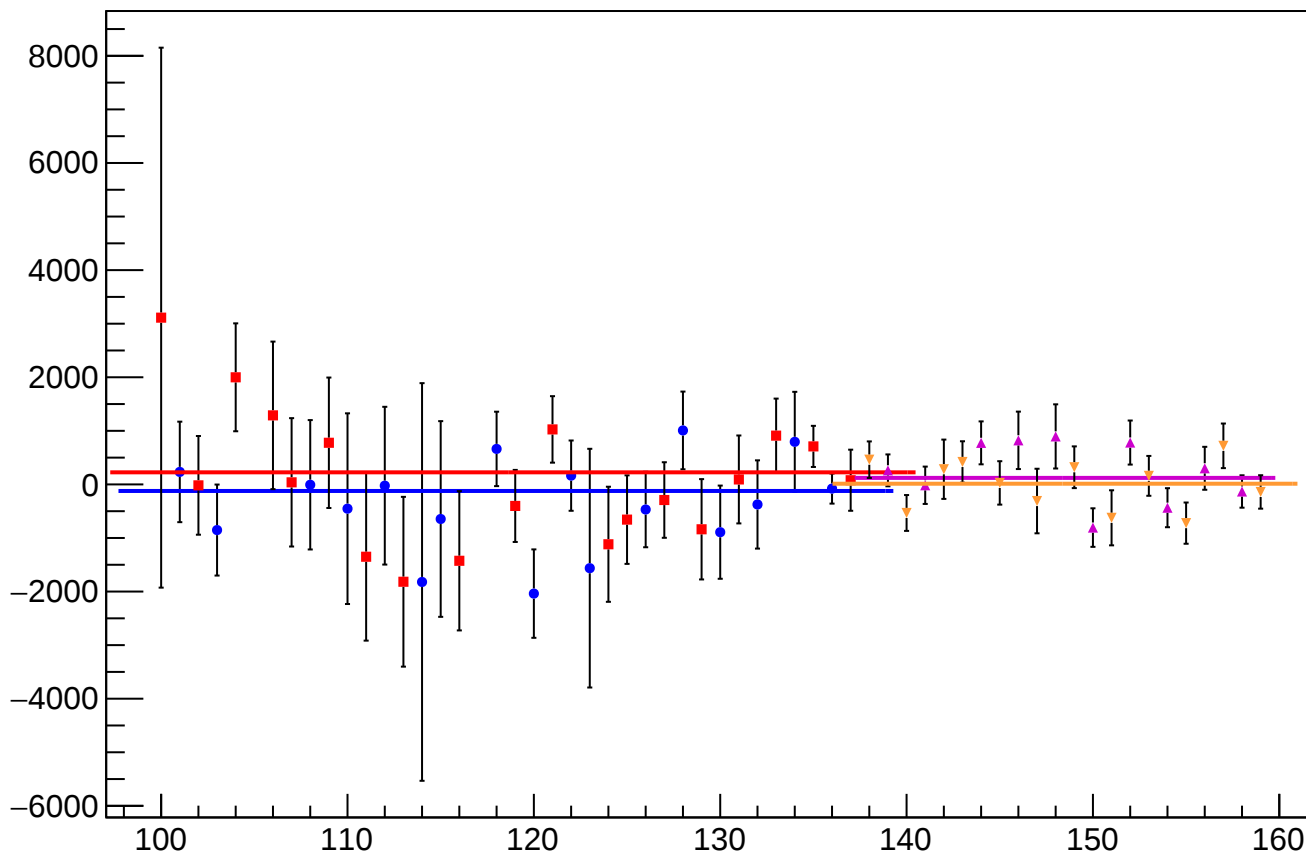
Left In: 83.323 $\pm$ 0.021 χ^2 /NDF: 63581.5/9

+ sign 82.152 $\pm$ 0.015 χ^2 /NDF: 1021926.5/28

All: 83.272 $\pm$ 0.011 χ^2 /NDF: 2241479.1/57

- sign 84.505 $\pm$ 0.016 χ^2 /NDF: 1207610.2/28

asym_sam1_correction_mean vs Slug



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: 12.870 ± 114.156 χ^2/NDF : 15.1/11

Right Out: 225.420 ± 184.973 χ^2/NDF : 18.3/18

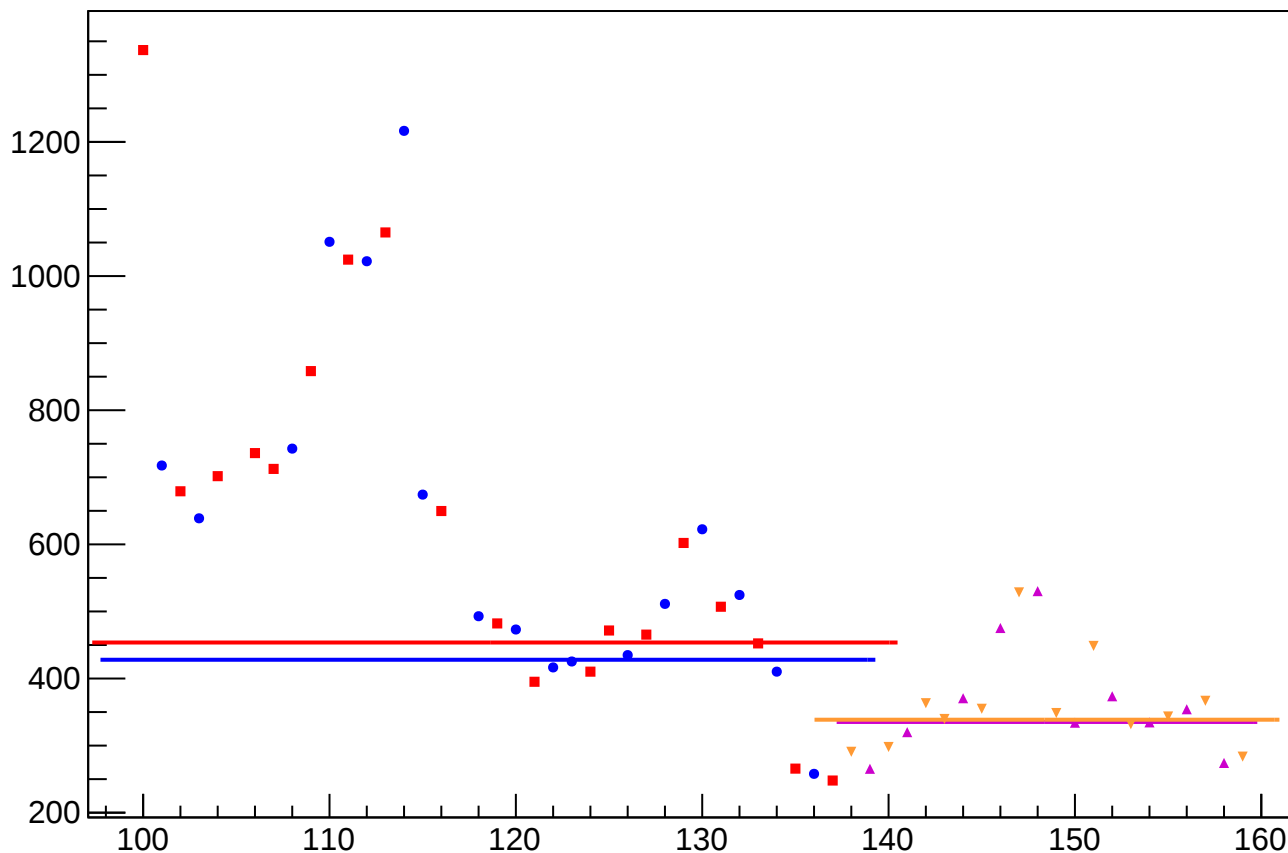
Left In: 121.659 ± 119.199 χ^2/NDF : 18.9/9

+ sign -26.061 ± 96.340 χ^2/NDF : 28.6/28

All: 59.527 ± 69.446 χ^2/NDF : 67.7/57

- sign 152.105 ± 100.197 χ^2/NDF : 37.5/28

asym_sam1_correction_rms vs Slug



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 338.600+/-0.081 χ^2/NDF : 439913.5/11

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

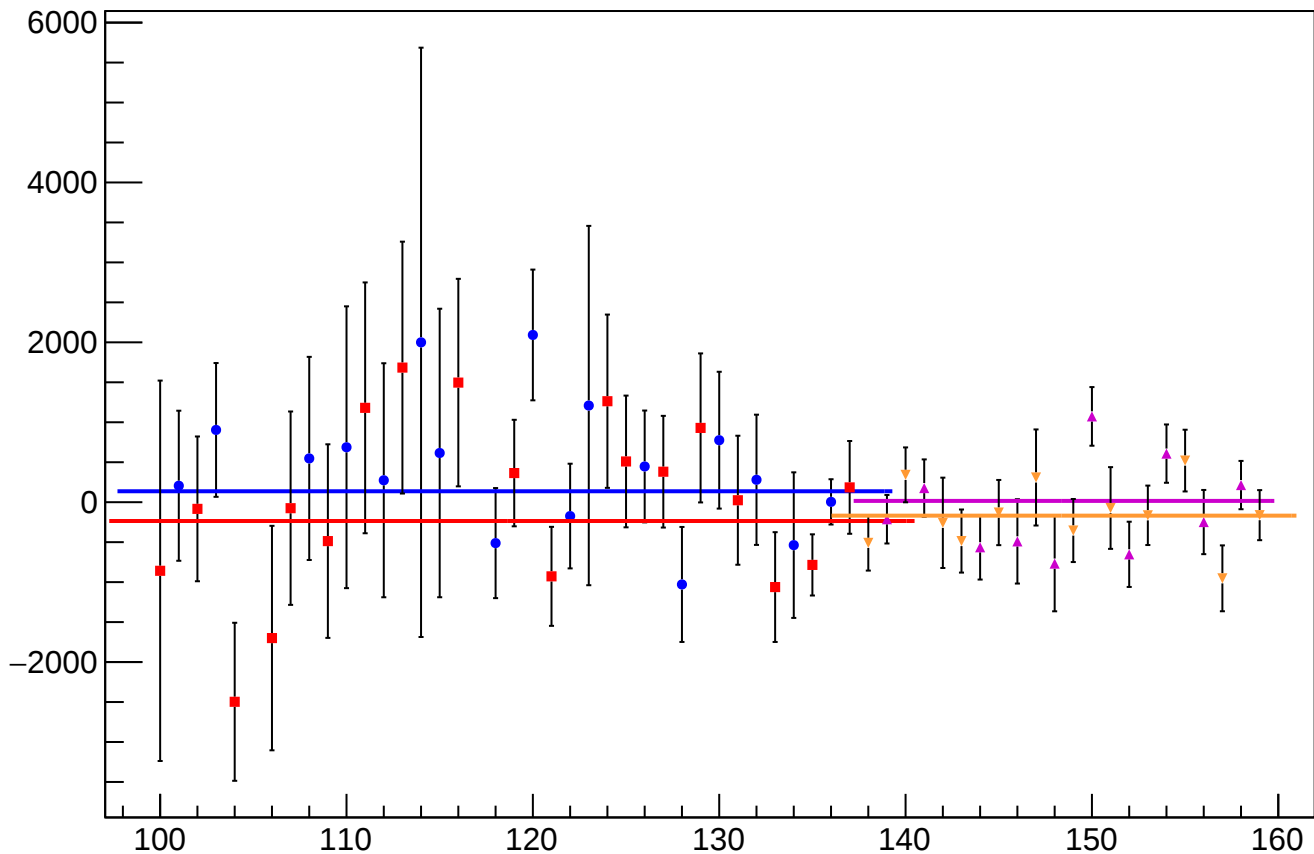
Left In: 335.257+/-0.084 χ^2/NDF : 581685.8/9

+ sign 364.323+/-0.068 χ^2/NDF : 2855041.9/28

All: 367.055+/-0.049 χ^2/NDF : 6154031.5/57

- sign 370.010+/-0.071 χ^2/NDF : 3295641.9/28

asym_sam1_mean vs Slug



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -168.242 $\pm$ 115.155 χ^2 /NDF:11.5/11

Right Out: -235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

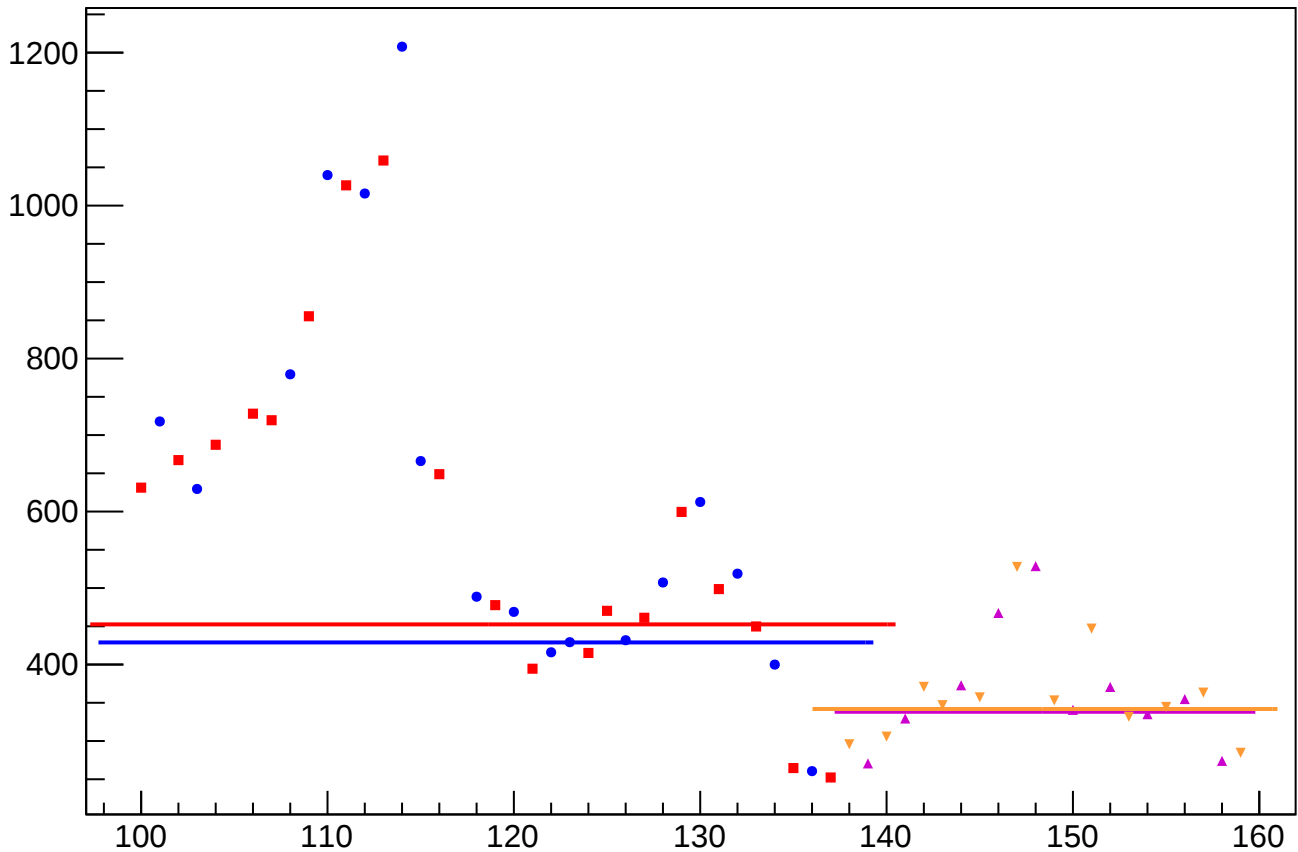
Left In: 16.175 $\pm$ 120.150 χ^2 /NDF:20.0/9

+ sign -79.376 $\pm$ 96.941 χ^2 /NDF: 26.2/28

All: -69.563 $\pm$ 69.807 χ^2 /NDF: 69.3/57

- sign -58.994 $\pm$ 100.606 χ^2 /NDF: 43.1/28

asym_sam1_rms vs Slug



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 341.868+/-0.081 χ^2/NDF : 416820.0/11

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

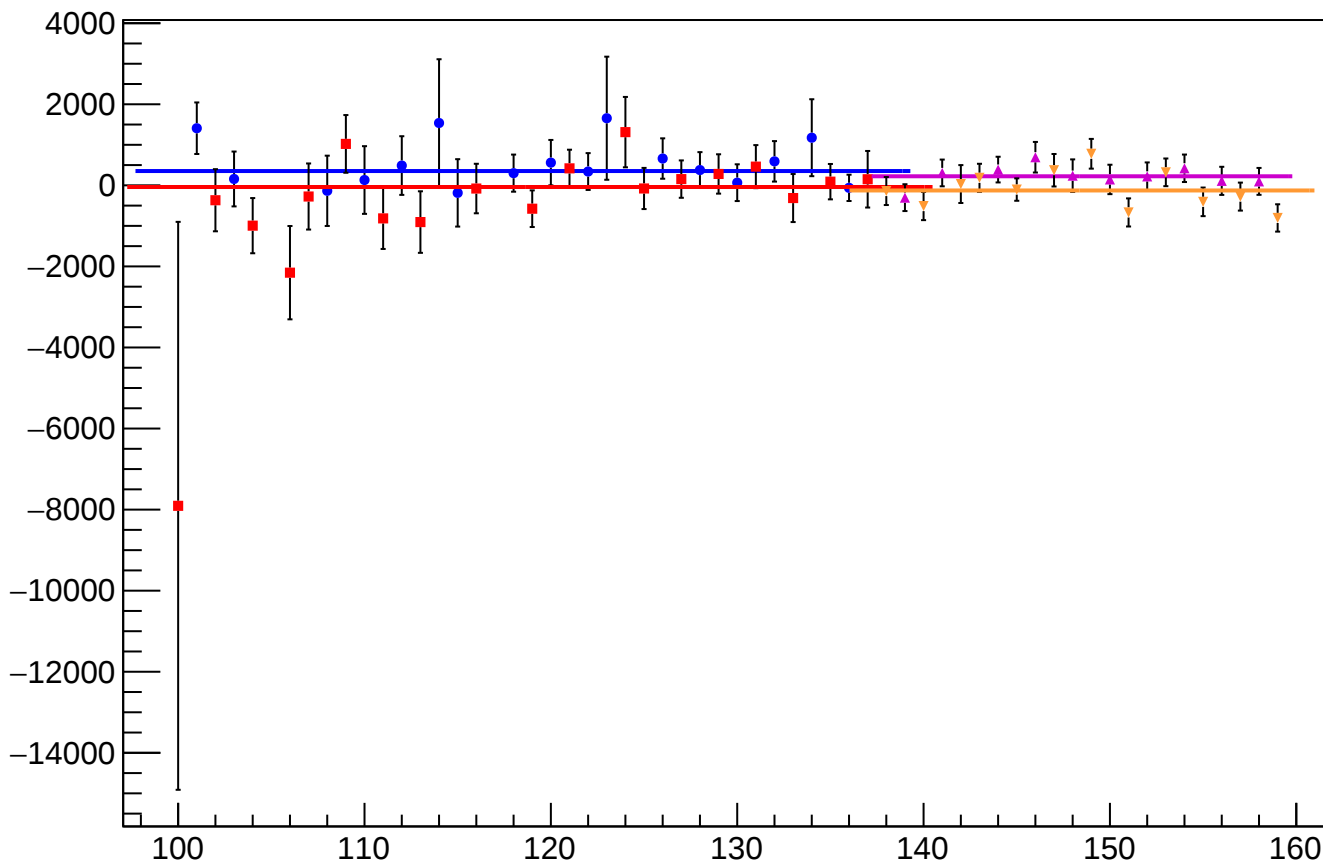
Left In: 338.243+/-0.085 χ^2/NDF : 545028.6/9

+ sign 367.219+/-0.069 χ^2/NDF : 2760131.6/28

All: 369.707+/-0.049 χ^2/NDF : 5890421.4/57

- sign 372.387+/-0.071 χ^2/NDF : 3127552.7/28

dit_asym_sam2_mean vs Slug



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -126.521 ± 100.764 χ^2/NDF : 18.8/11

Right Out: -41.079 ± 138.996 χ^2/NDF : 18.2/18

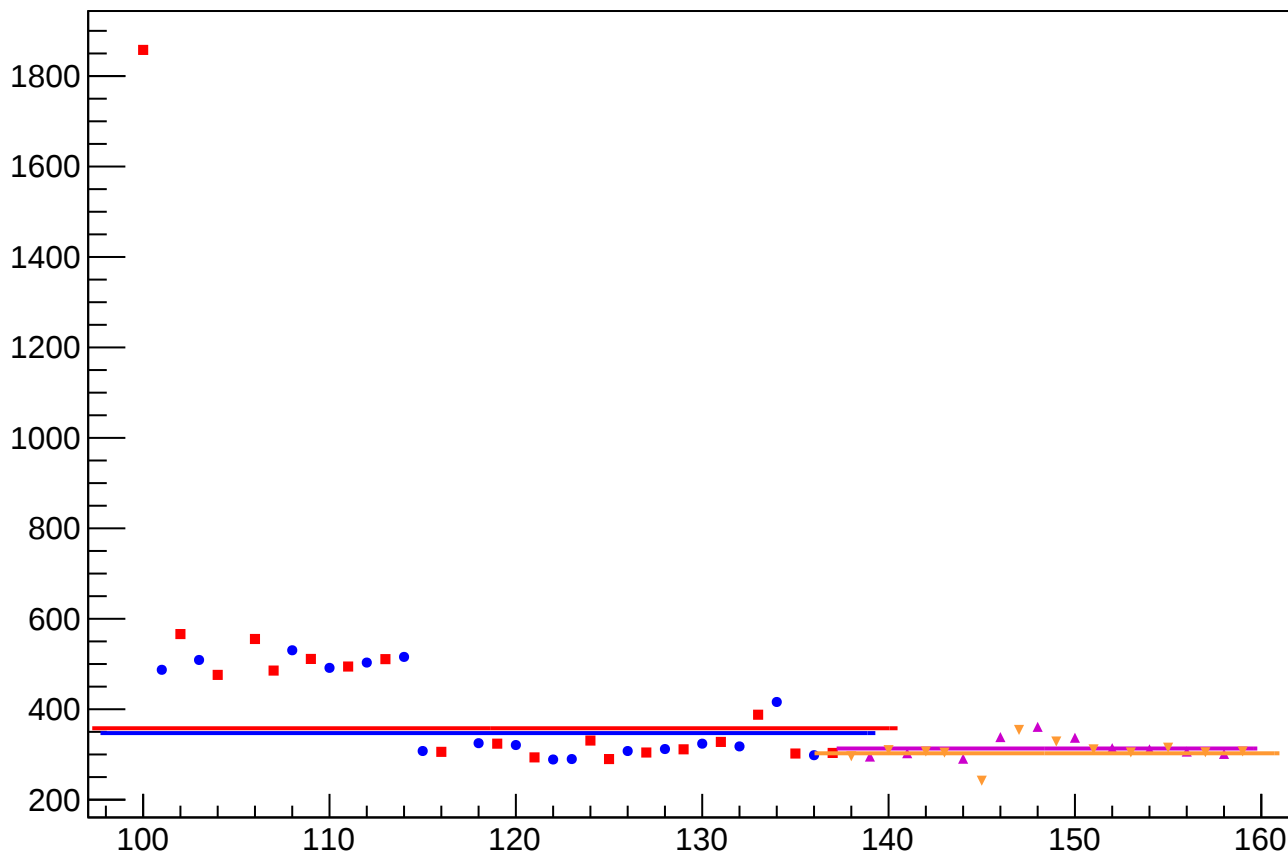
Left In: 223.629 ± 109.344 χ^2/NDF : 5.1/9

+ sign 41.318 ± 81.234 χ^2/NDF : 35.3/28

All: 79.596 ± 59.035 χ^2/NDF : 61.3/57

- sign 122.437 ± 85.939 χ^2/NDF : 25.5/28

dit_asym_sam2_rms vs Slug



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.593+/-0.071 χ^2/NDF : 145501.7/11

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

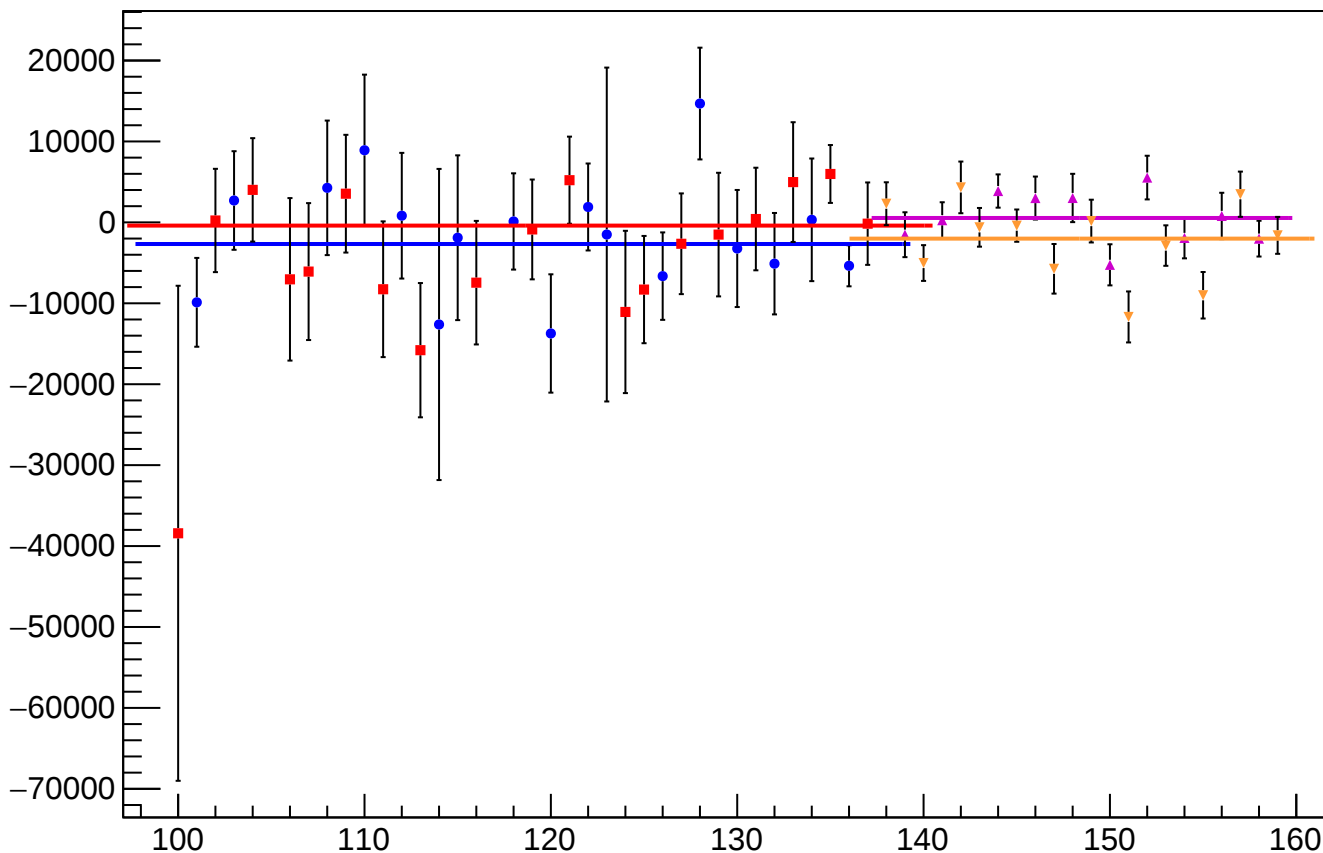
Left In: 313.204+/-0.077 χ^2/NDF : 67391.2/9

+ sign 318.236+/-0.057 χ^2/NDF : 902106.5/28

All: 323.934+/-0.042 χ^2/NDF : 1970062.1/57

- sign 330.311+/-0.061 χ^2/NDF : 1047102.8/28

asym_sam2_correction_mean vs Slug



Right In: -2674.025 ± 1456.188 χ^2/NDF : 16.7/16

Left Out: -2008.402 ± 740.595 χ^2/NDF : 31.0/11

Right Out: -398.443 ± 1515.968 χ^2/NDF : 15.9/18

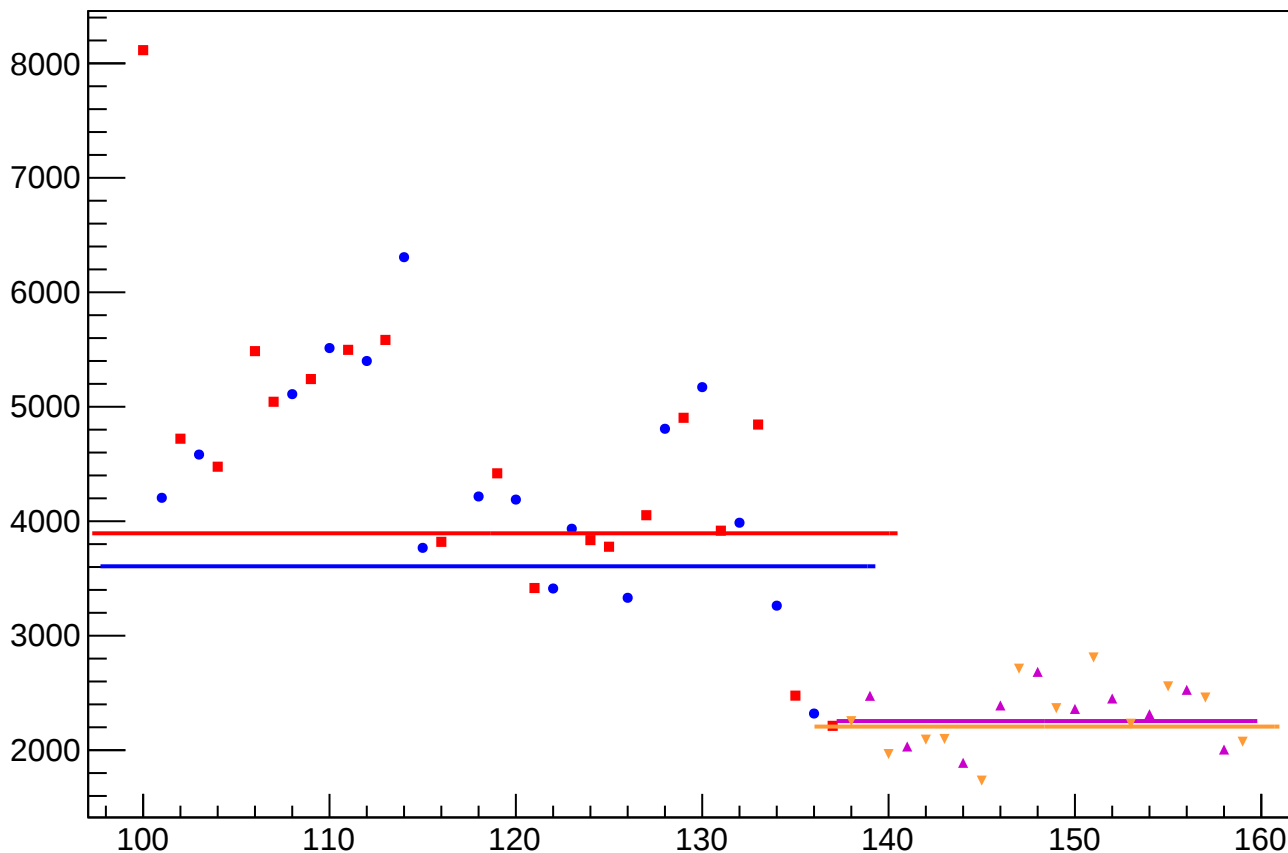
Left In: 543.069 ± 790.506 χ^2/NDF : 15.7/9

+ sign -2145.190 ± 660.126 χ^2/NDF : 47.9/28

All: -976.197 ± 480.558 χ^2/NDF : 86.4/57

- sign 341.790 ± 700.933 χ^2/NDF : 31.9/28

asym_sam2_correction_rms vs Slug



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2206.014+/-0.524 χ^2/NDF : 331551.0/11

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

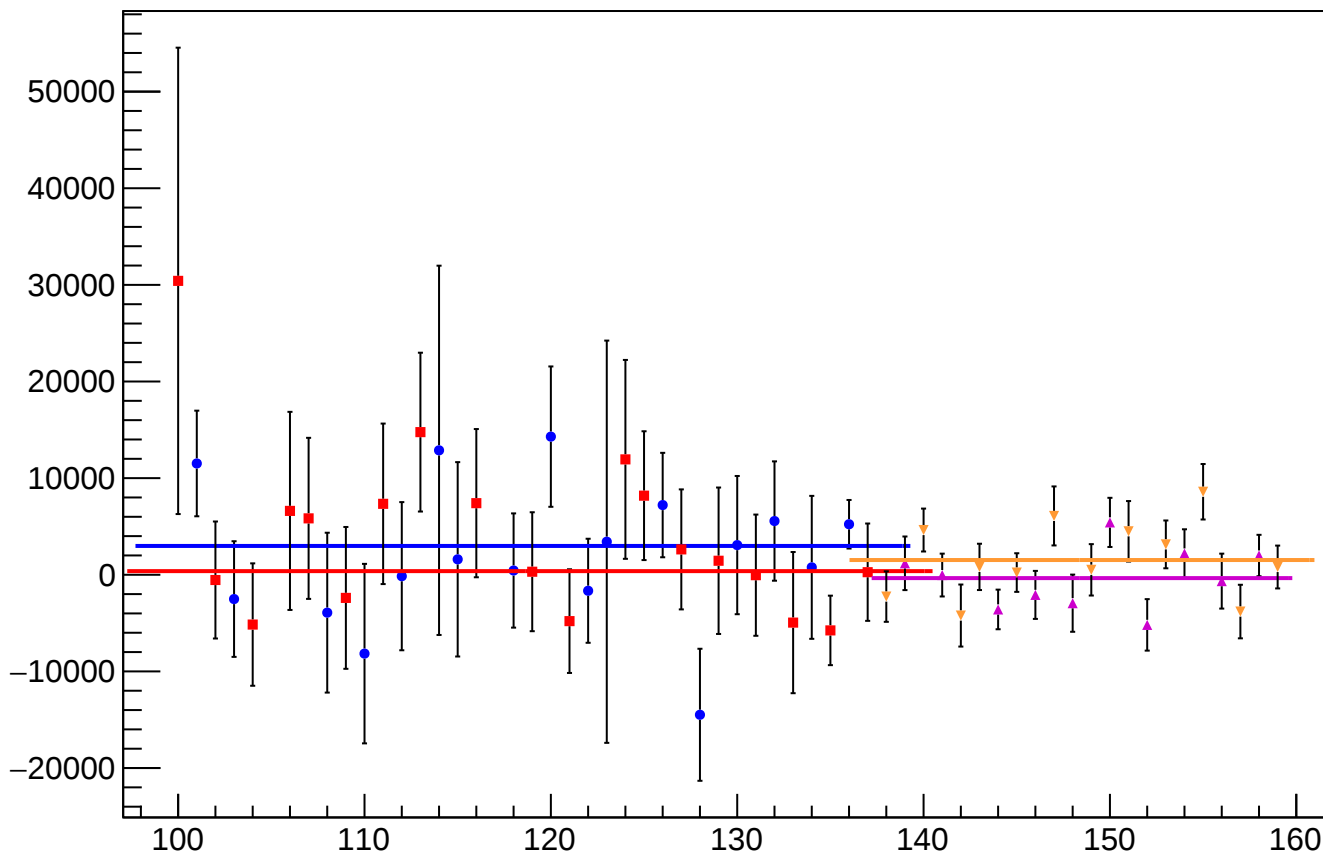
Left In: 2254.404+/-0.559 χ^2/NDF : 201276.4/9

+ sign 2493.789+/-0.467 χ^2/NDF : 2893527.5/28

All: 2546.086+/-0.340 χ^2/NDF : 5994957.4/57

- sign 2605.048+/-0.496 χ^2/NDF : 3074725.5/28

asym_sam2_mean vs Slug



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1525.436 $\pm$ 737.200 χ^2 /NDF: 21.3/11

Right Out: 377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

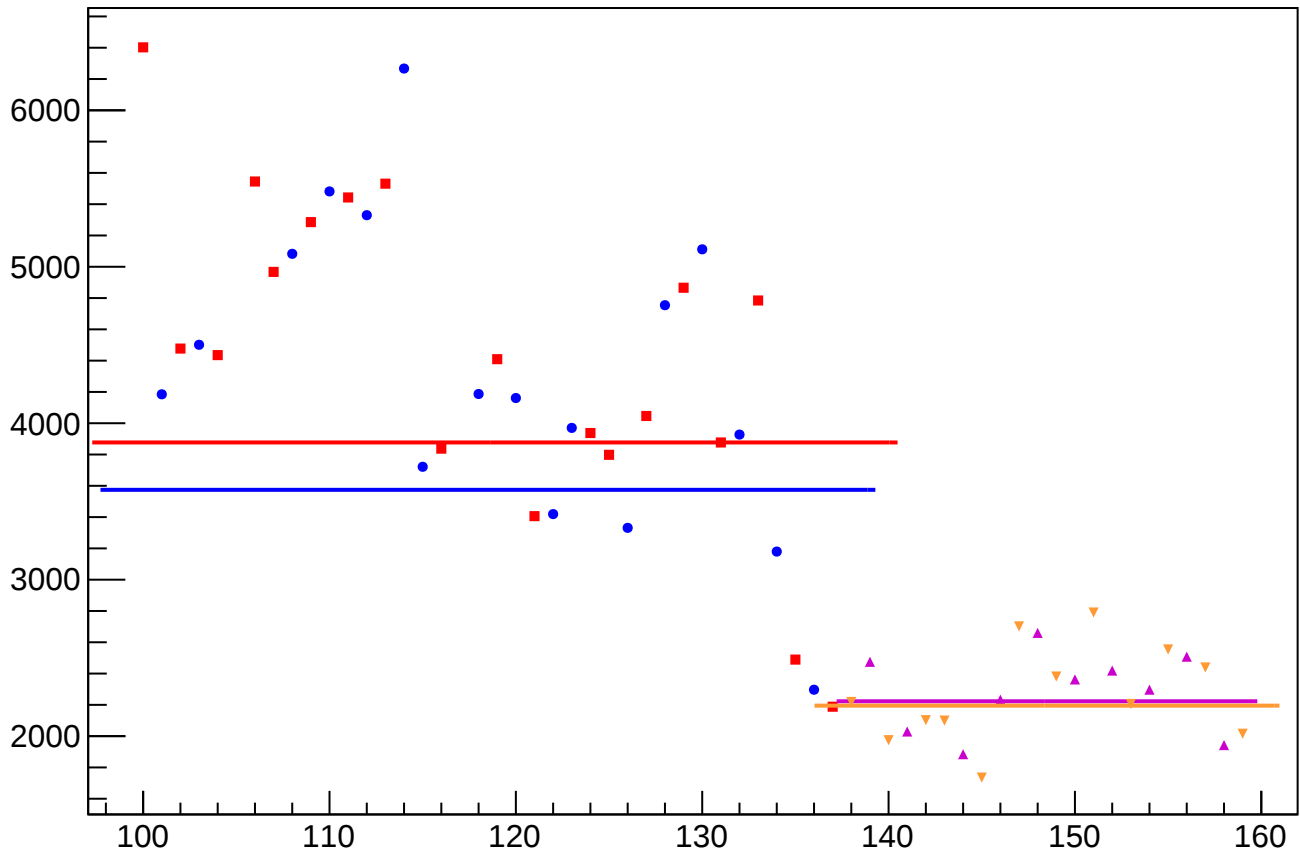
Left In: -345.191 $\pm$ 779.866 χ^2 /NDF: 14.8/9

+ sign 1827.037 $\pm$ 656.549 χ^2 /NDF: 39.6/28

All: 871.219 $\pm$ 476.504 χ^2 /NDF: 74.1/57

- sign -192.623 $\pm$ 692.657 χ^2 /NDF: 30.0/28

asym_sam2_rms vs Slug



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2194.949 $\pm$ 0.521 χ^2 /NDF:327775.8/11

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

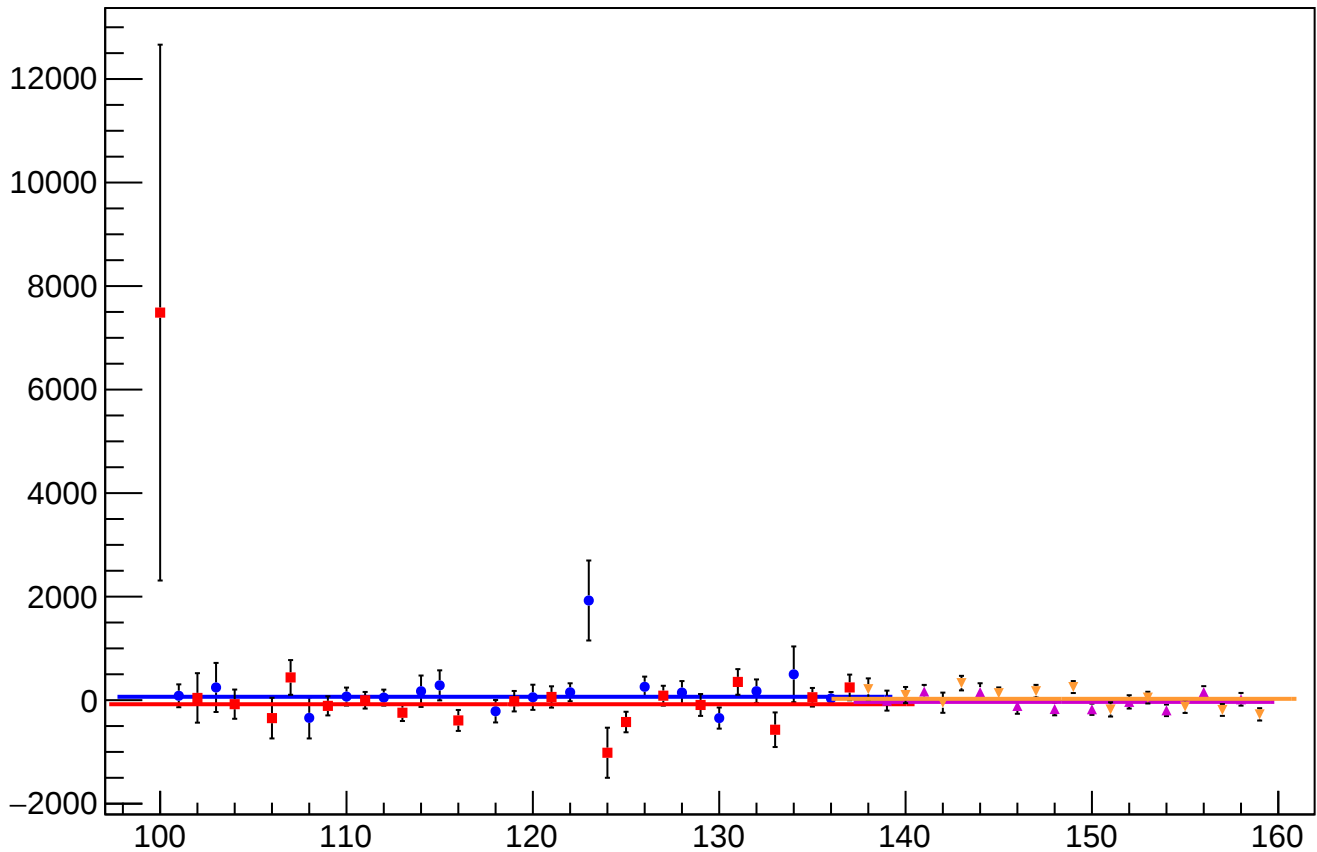
Left In: 2222.804 $\pm$ 0.551 χ^2 /NDF:202803.7/9

+ sign 2480.259 $\pm$ 0.464 χ^2 /NDF: 2867468.1/28

All: 2523.727 $\pm$ 0.337 χ^2 /NDF: 5979173.8/57

- sign 2572.107 $\pm$ 0.490 χ^2 /NDF: 3093182.1/28

dit_asym_sam3_mean vs Slug



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 25.828+/-37.662 χ^2/NDF : 25.6/11

Right Out: -78.699+/-52.341 χ^2/NDF : 24.3/18

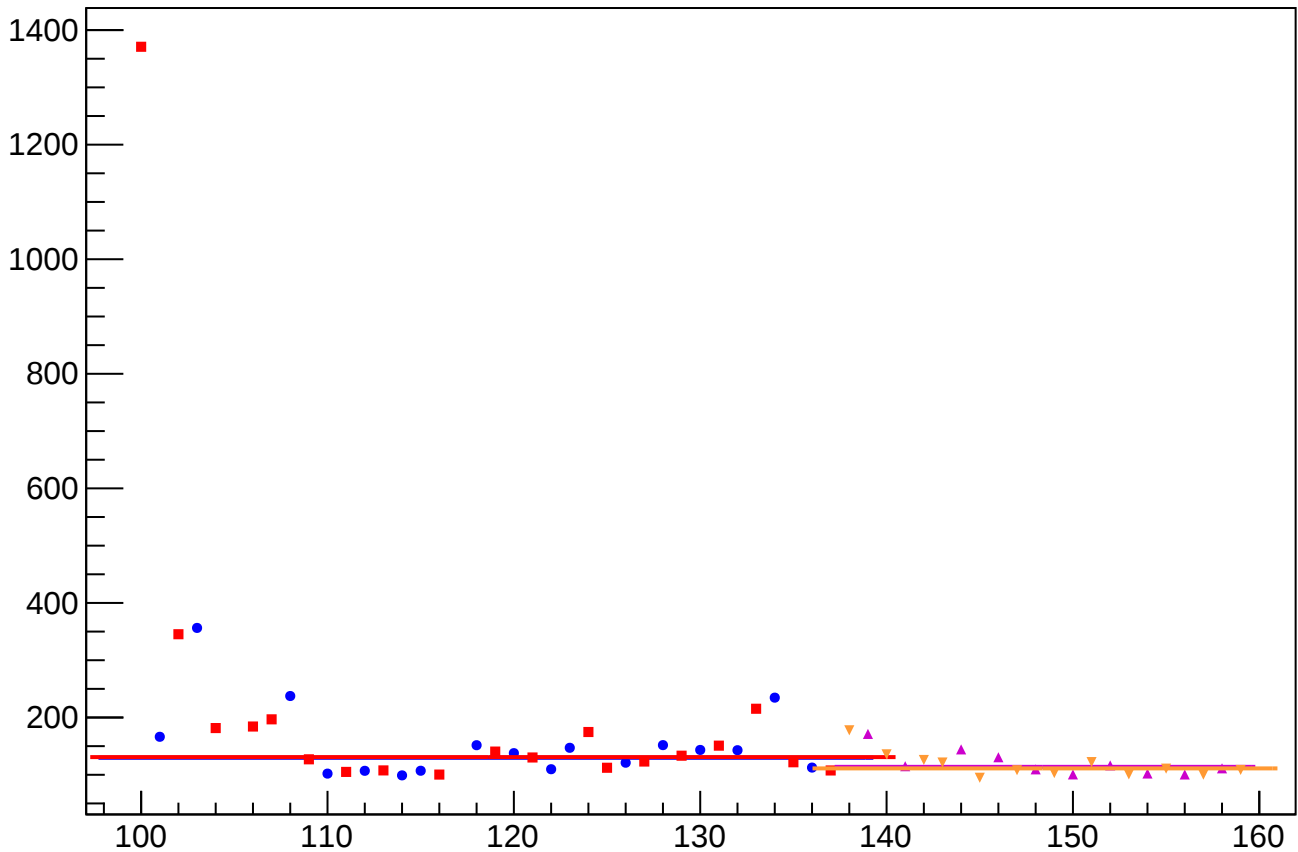
Left In: -33.817+/-40.835 χ^2/NDF : 11.9/9

+ sign 39.146+/-30.642 χ^2/NDF : 41.7/28

All: -3.603+/-22.196 χ^2/NDF : 82.5/57

- sign -50.799+/-32.196 χ^2/NDF : 36.7/28

dit_asym_sam3_rms vs Slug



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 111.163 $\pm$ 0.027 χ^2 /NDF: 377175.0/11

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

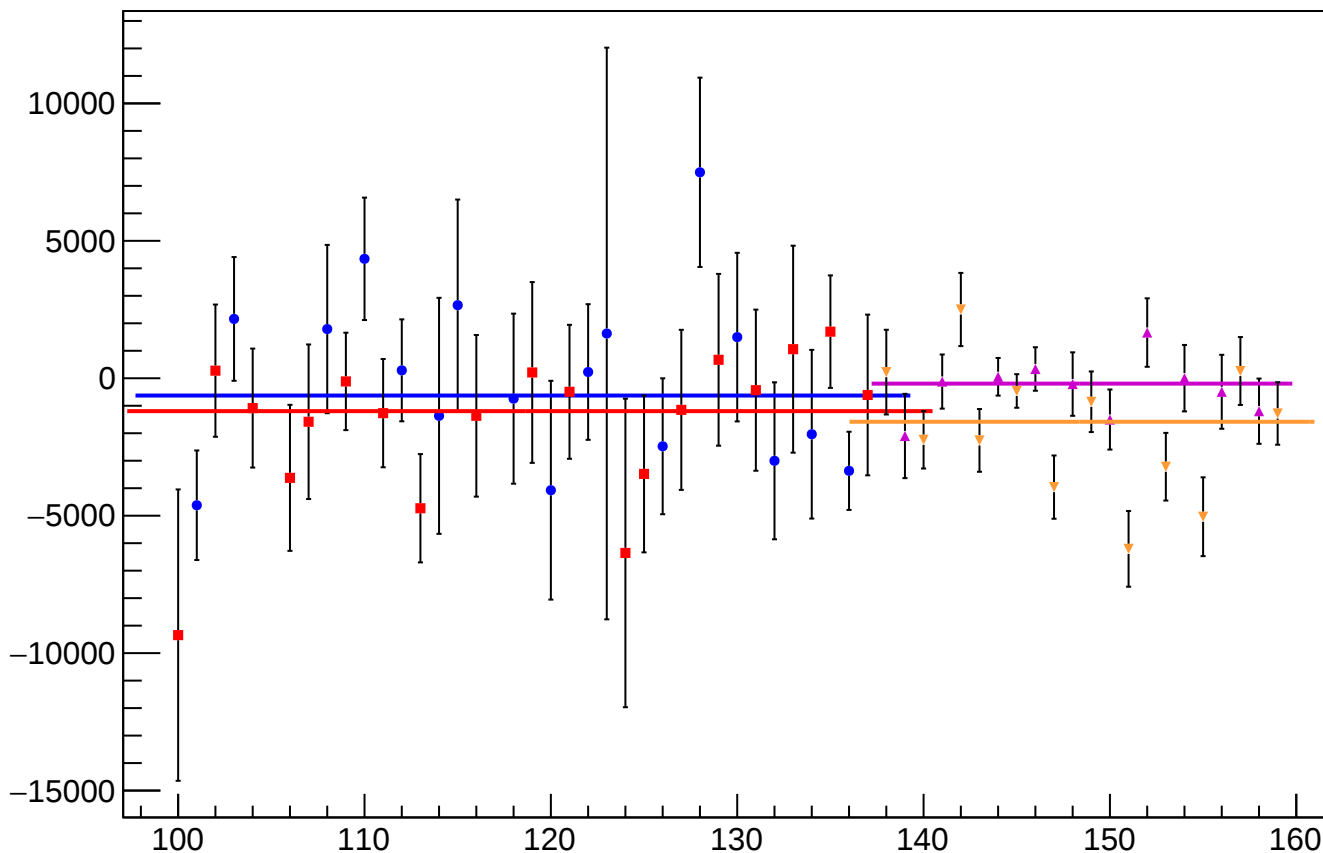
Left In: 113.873 $\pm$ 0.029 χ^2 /NDF: 347424.8/9

+ sign 117.429 $\pm$ 0.022 χ^2 /NDF: 1530591.9/28

All: 118.797 $\pm$ 0.016 χ^2 /NDF: 3059958.2/57

- sign 120.307 $\pm$ 0.023 χ^2 /NDF: 1520975.1/28

asym_sam3_correction_mean vs Slug



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1582.434+/-315.808 χ^2/NDF : 40.7/11

Right Out: -1196.185+/-595.685 χ^2/NDF : 11.8/18

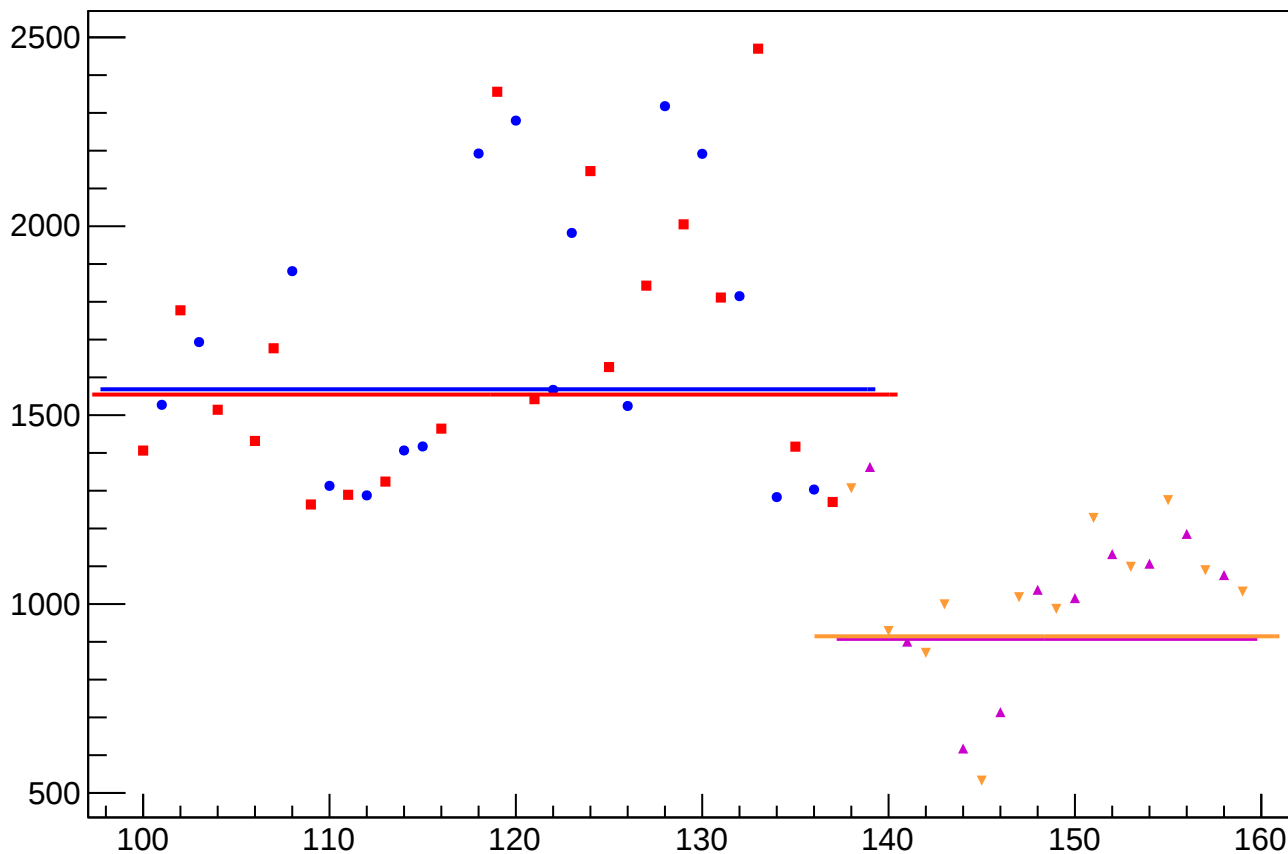
Left In: -195.029+/-326.781 χ^2/NDF : 6.6/9

+ sign -1386.598+/-281.543 χ^2/NDF : 66.9/28

All: -914.989+/-200.811 χ^2/NDF : 93.1/57

- sign -426.622+/-286.502 χ^2/NDF : 20.5/28

asym_sam3_correction_rms vs Slug



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 914.620 $\pm$ 0.223 χ^2 /NDF:1285962.6/11

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

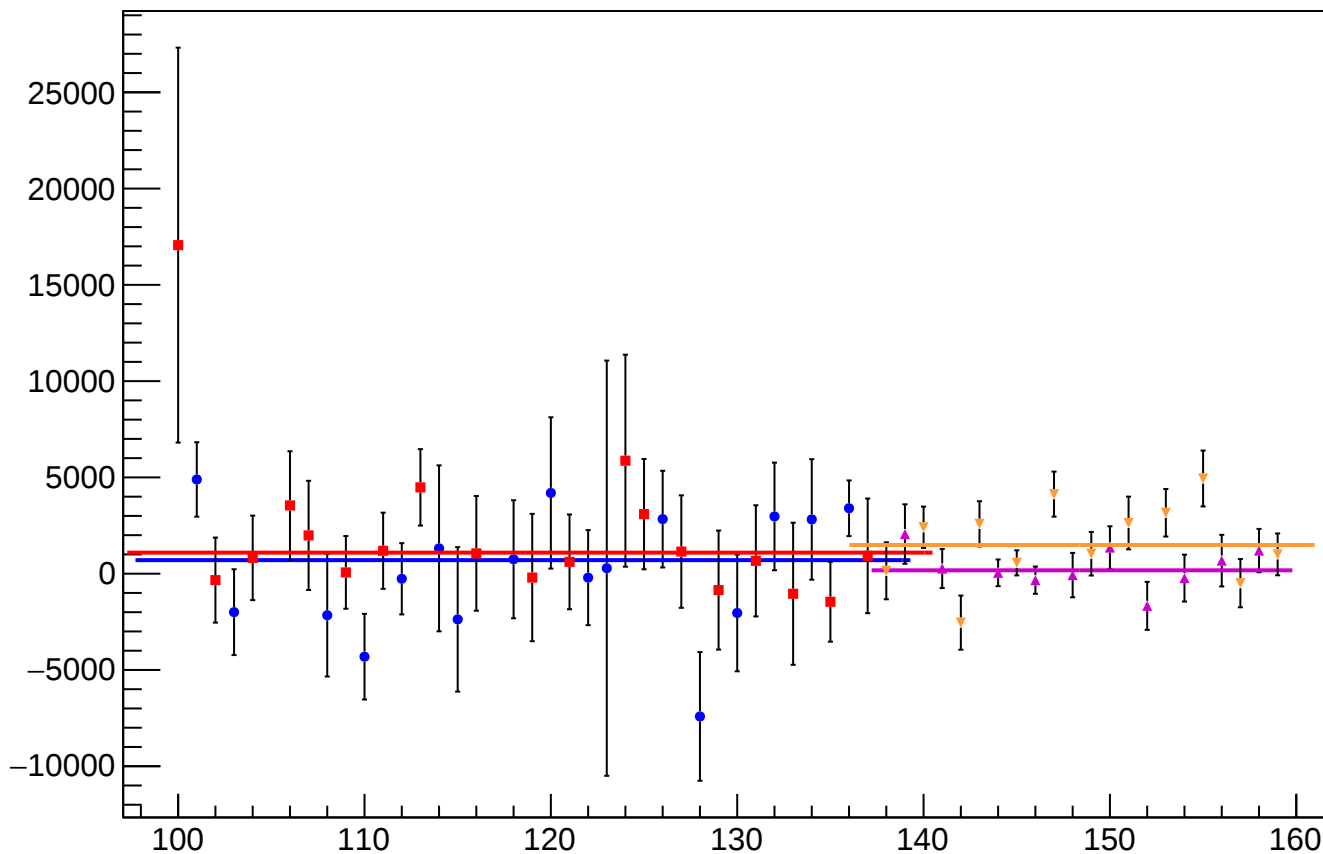
Left In: 907.844 $\pm$ 0.231 χ^2 /NDF:945112.1/9

+ sign 1048.807 $\pm$ 0.199 χ^2 /NDF: 3579630.9/28

All: 1053.047 $\pm$ 0.142 χ^2 /NDF: 6849553.3/57

- sign 1057.438 $\pm$ 0.203 χ^2 /NDF: 3268999.0/28

asym_sam3_mean vs Slug



Right In: 703.057 ± 620.618 χ^2/NDF : 26.0/16

Left Out: 1490.118 ± 323.013 χ^2/NDF : 28.9/11

Right Out: 1093.862 ± 603.204 χ^2/NDF : 10.6/18

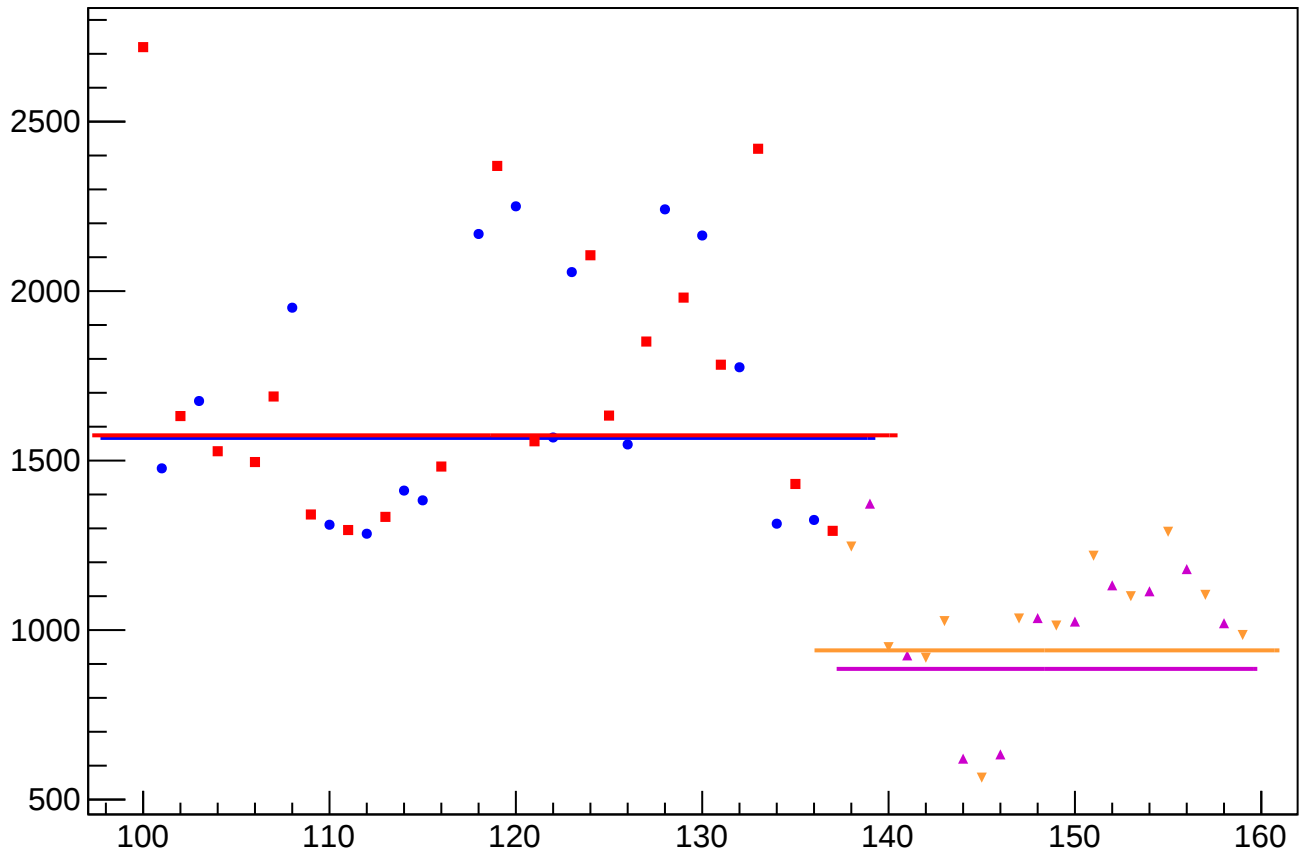
Left In: 175.058 ± 320.998 χ^2/NDF : 6.5/9

+ sign 1322.357 ± 286.527 χ^2/NDF : 56.1/28

All: 844.864 ± 201.480 χ^2/NDF : 80.6/57

- sign 377.830 ± 283.372 χ^2/NDF : 19.0/28

asym_sam3_rms vs Slug



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 940.125 $\pm$ 0.228 χ^2 /NDF: 1056067.1/11

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

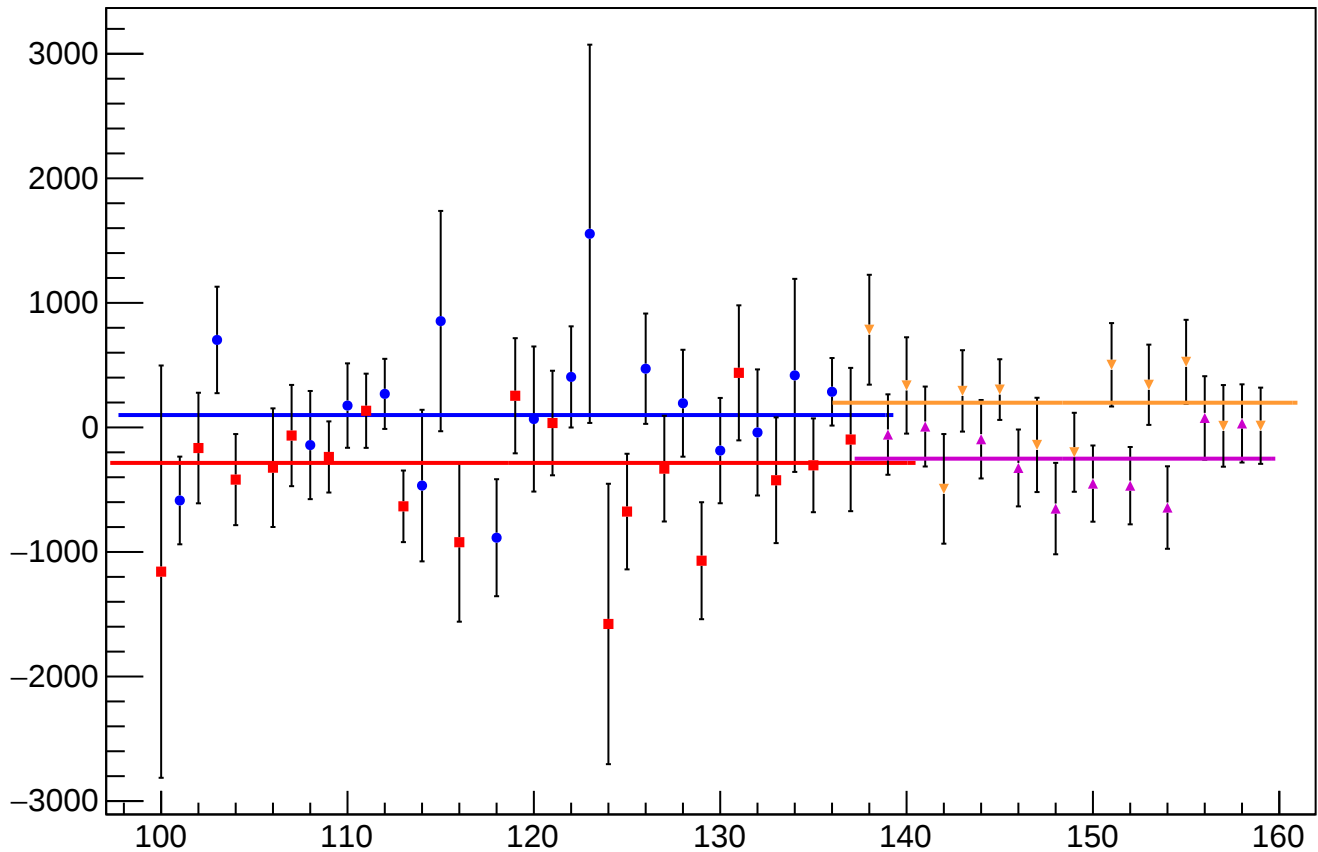
Left In: 885.510 $\pm$ 0.227 χ^2 /NDF: 1088062.1/9

+ sign 1073.729 $\pm$ 0.203 χ^2 /NDF: 3161179.7/28

All: 1055.449 $\pm$ 0.142 χ^2 /NDF: 6763248.2/57

- sign 1037.569 $\pm$ 0.200 χ^2 /NDF: 3585965.6/28

dit_asym_sam4_mean vs Slug



Right In: 99.387 ± 103.463 χ^2/NDF : 15.9/16

Left Out: 198.356 ± 96.474 χ^2/NDF : 9.7/11

Right Out: -284.883 ± 97.709 χ^2/NDF : 14.0/18

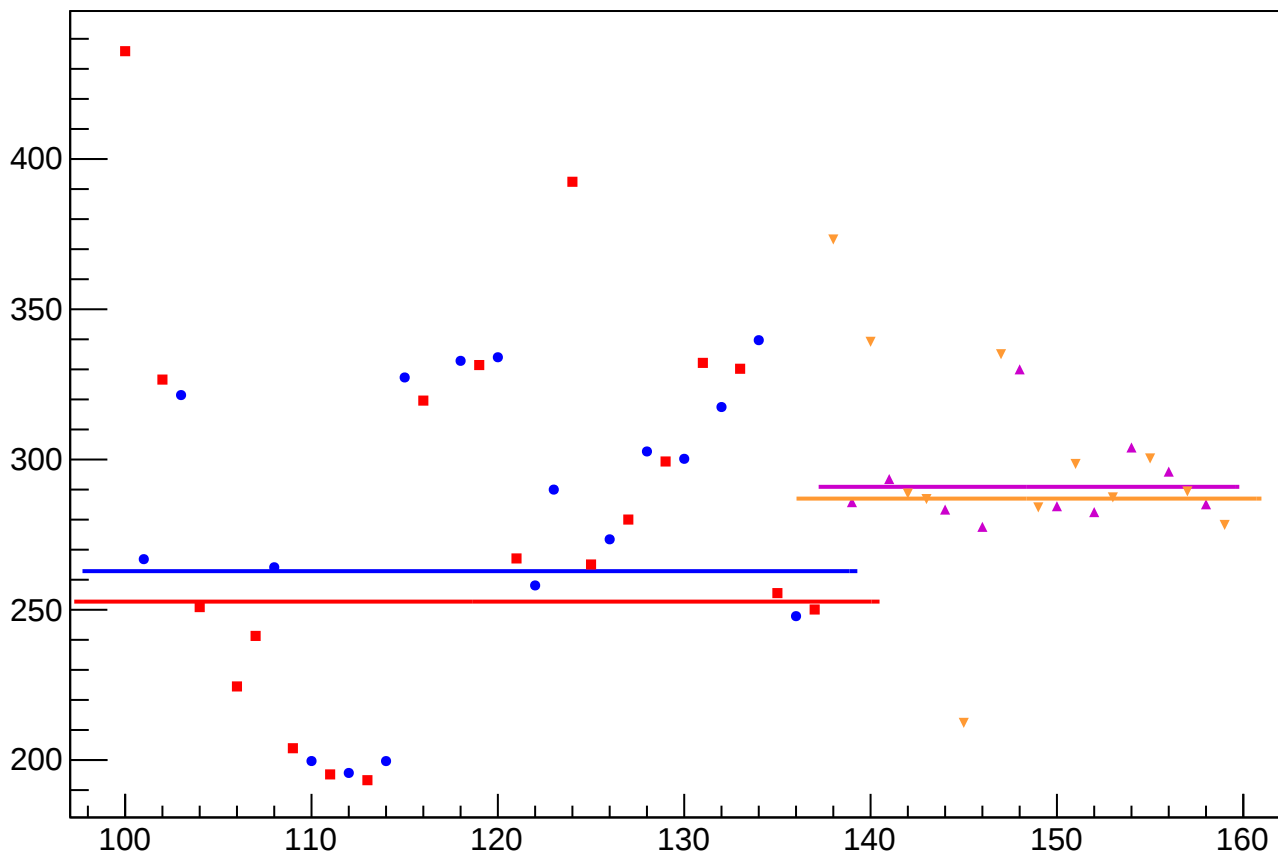
Left In: -250.795 ± 101.784 χ^2/NDF : 6.6/9

+ sign 152.327 ± 70.559 χ^2/NDF : 26.1/28

All: -58.317 ± 49.867 χ^2/NDF : 64.5/57

- sign -268.535 ± 70.488 χ^2/NDF : 20.6/28

dit_asym_sam4_rms vs Slug



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 287.000 $\pm$ 0.068 χ^2 /NDF: 340188.5/11

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

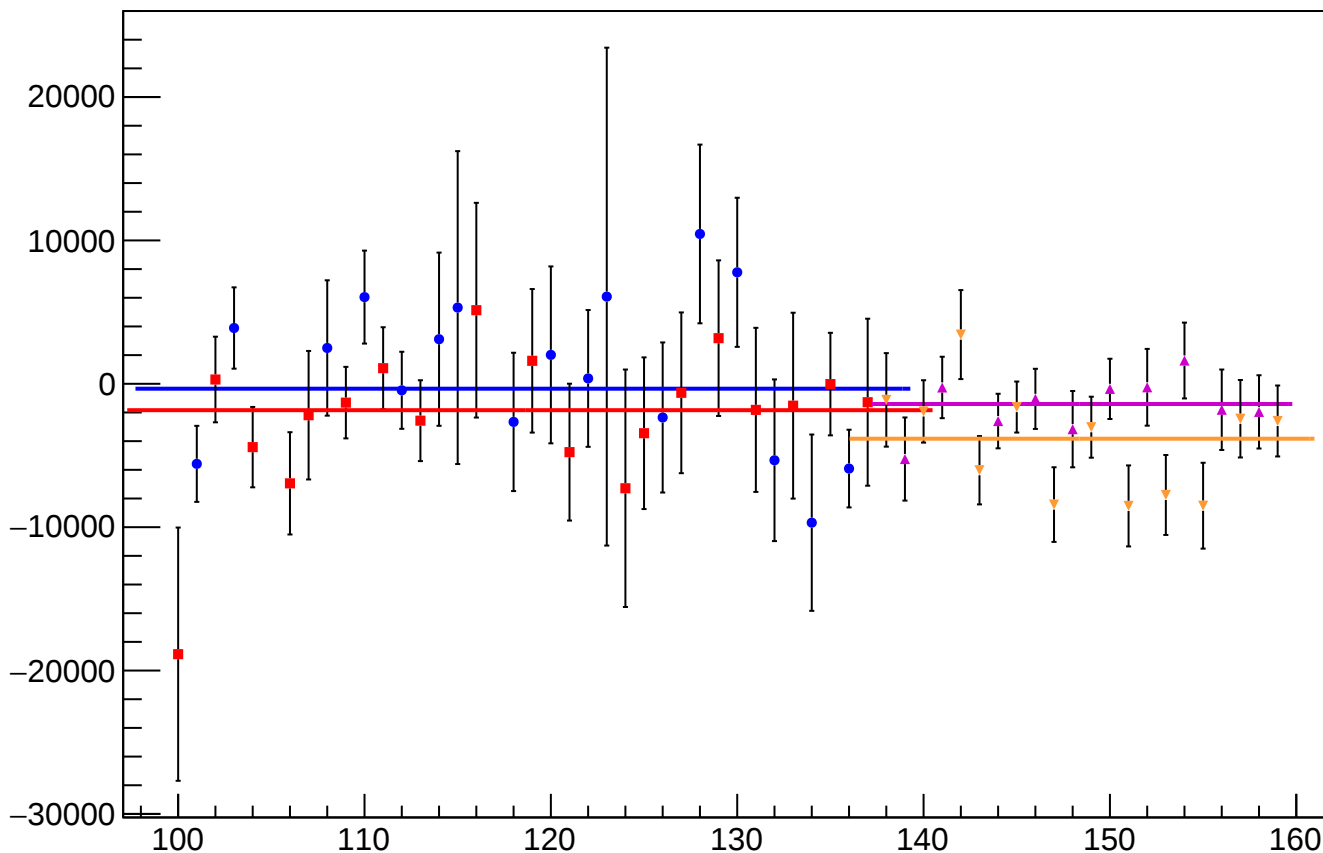
Left In: 290.916 $\pm$ 0.072 χ^2 /NDF: 34817.3/9

+ sign 275.771 $\pm$ 0.050 χ^2 /NDF: 810140.8/28

All: 273.402 $\pm$ 0.035 χ^2 /NDF: 1535765.1/57

- sign 271.038 $\pm$ 0.050 χ^2 /NDF: 721120.6/28

asym_sam4_correction_mean vs Slug



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -3829.215 ± 718.771 χ^2/NDF : 20.3/11

Right Out: -1840.596 ± 924.746 χ^2/NDF : 11.7/18

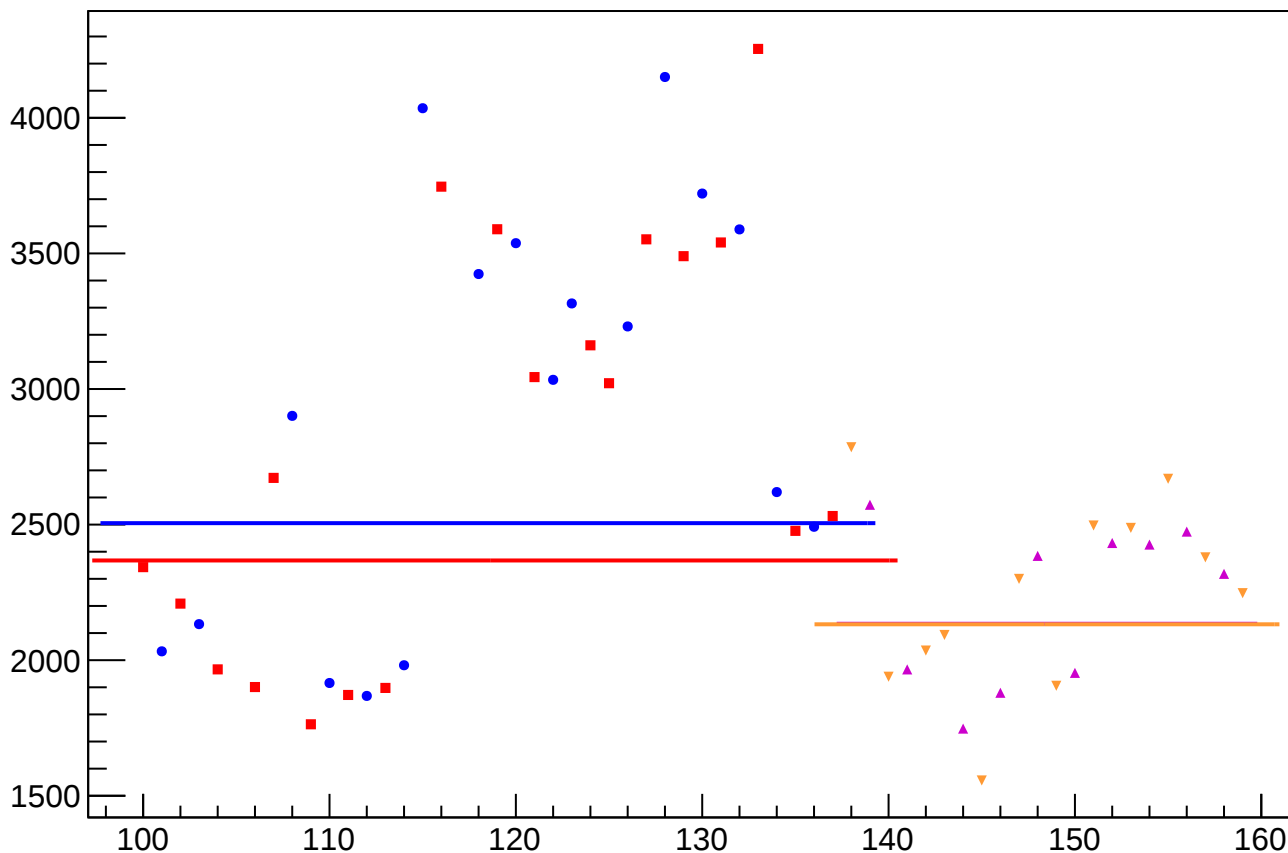
Left In: -1408.857 ± 751.385 χ^2/NDF : 4.7/9

+ sign -2648.391 ± 584.565 χ^2/NDF : 52.7/28

All: -2113.176 ± 412.849 χ^2/NDF : 70.9/57

- sign -1580.545 ± 583.152 χ^2/NDF : 16.6/28

asym_sam4_correction_rms vs Slug



Right In: 2505.329+/-0.710 χ^2 /NDF: 864133.9/16

Left Out: 2132.323+/-0.508 χ^2 /NDF: 490091.8/11

Right Out: 2367.730+/-0.654 χ^2 /NDF: 1030895.6/18

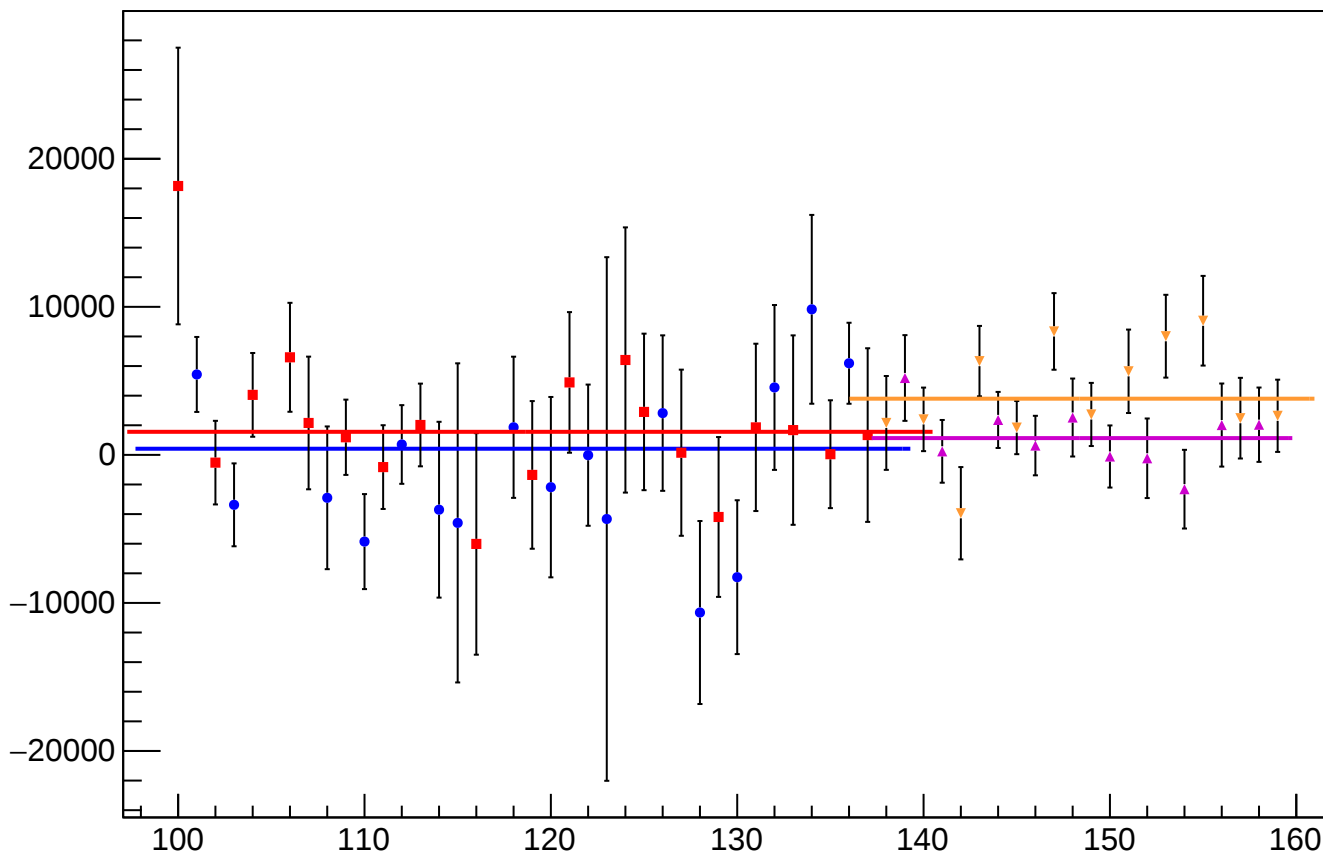
Left In: 2134.258+/-0.531 χ^2 /NDF: 291642.2/9

+ sign 2258.612+/-0.413 χ^2 /NDF: 1536585.3/28

All: 2242.819+/-0.292 χ^2 /NDF: 2938823.3/57

- sign 2227.102+/-0.412 χ^2 /NDF: 1399325.4/28

asym_sam4_mean vs Slug



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 3795.852 $\pm$ 717.733 χ^2 /NDF:18.7/11

Right Out: 1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

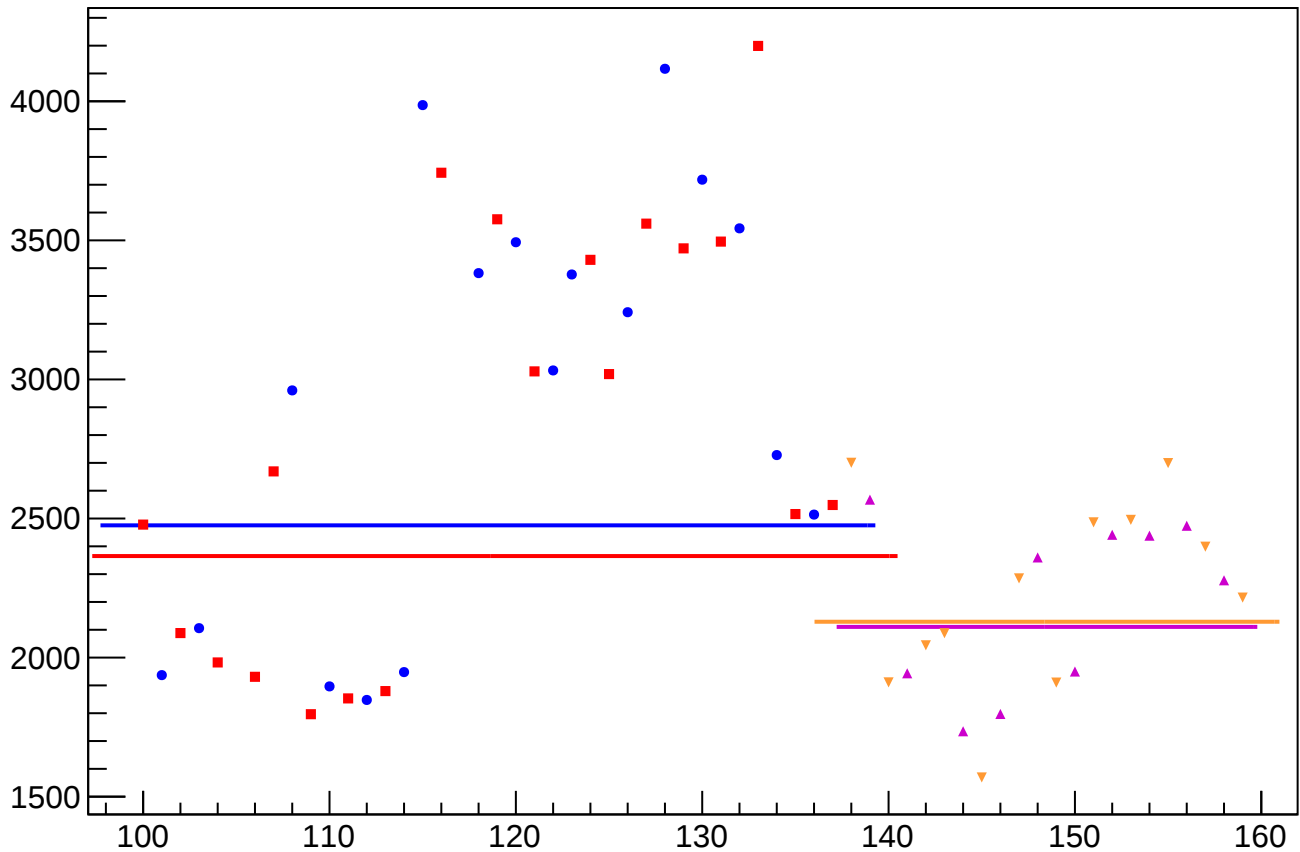
Left In: 1133.106 $\pm$ 744.240 χ^2 /NDF:5.4/9

+ sign 2638.816 $\pm$ 582.078 χ^2 /NDF: 50.8/28

All: 1966.942 $\pm$ 410.754 χ^2 /NDF: 69.7/57

- sign 1300.507 $\pm$ 579.717 χ^2 /NDF: 16.3/28

asym_sam4_rms vs Slug



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2128.875+/-0.508 χ^2/NDF : 470000.9/11

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

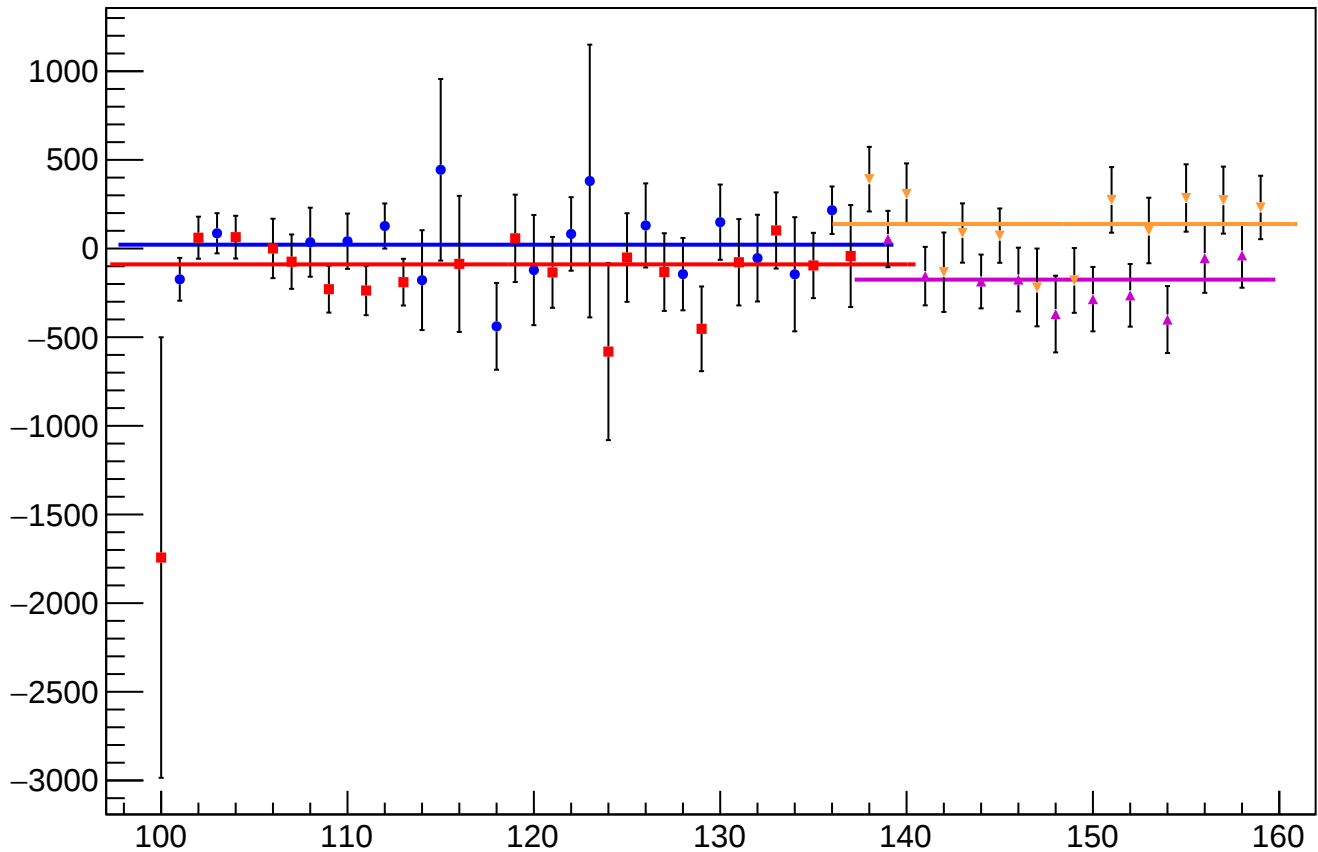
Left In: 2110.340+/-0.526 χ^2/NDF : 322350.7/9

+ sign 2247.498+/-0.412 χ^2/NDF : 1542681.7/28

All: 2228.922+/-0.290 χ^2/NDF : 2988367.1/57

- sign 2210.496+/-0.410 χ^2/NDF : 1441628.1/28

dit_asym_sam5_mean vs Slug



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 138.228 $\pm$ 52.838 χ^2 /NDF:12.3/11

Right Out: -89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

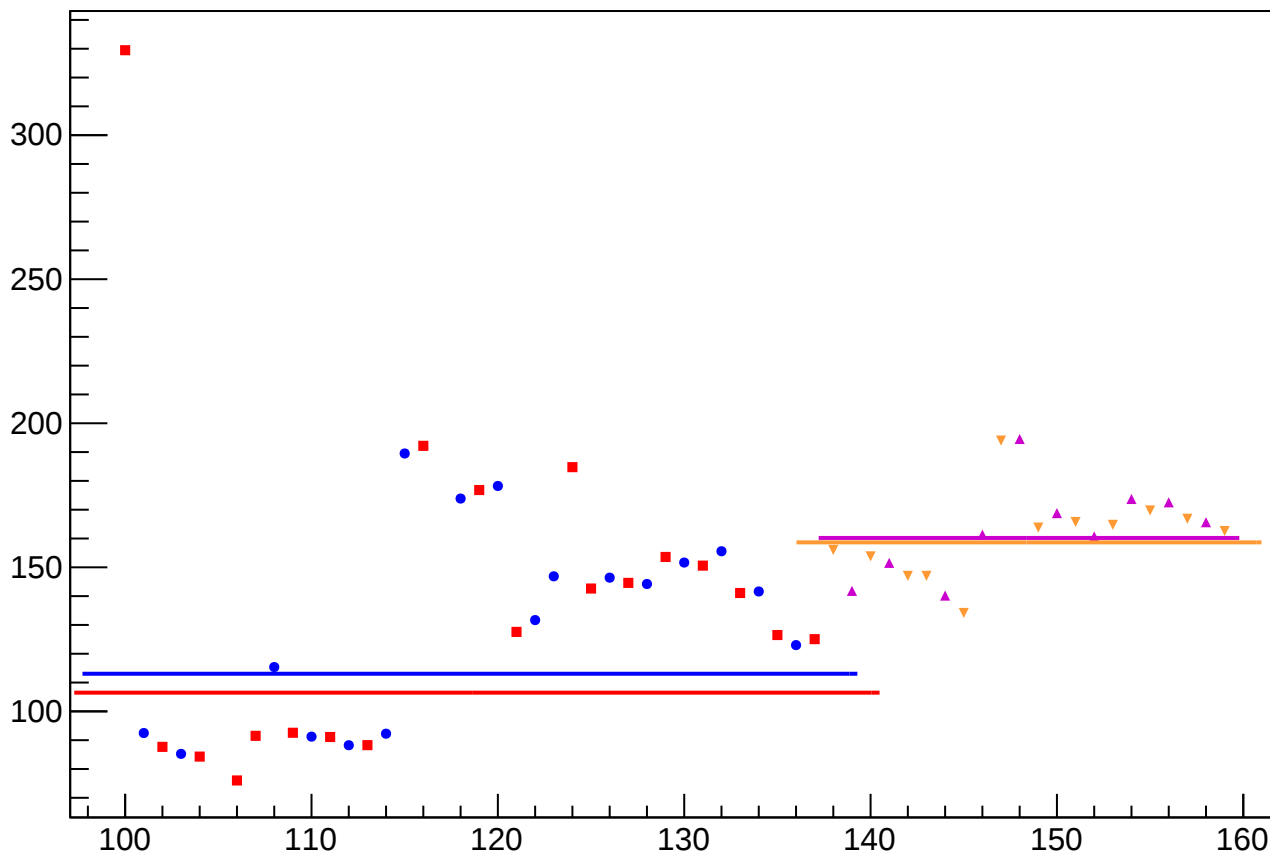
Left In: -175.372 $\pm$ 56.002 χ^2 /NDF:5.9/9

+ sign 70.856 $\pm$ 34.328 χ^2 /NDF: 27.7/28

All: -26.959 $\pm$ 23.975 χ^2 /NDF: 63.6/57

- sign -120.106 $\pm$ 33.499 χ^2 /NDF: 20.1/28

dit_asym_sam5_rms vs Slug



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 158.659+/-0.037 χ^2/NDF :138280.4/11

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

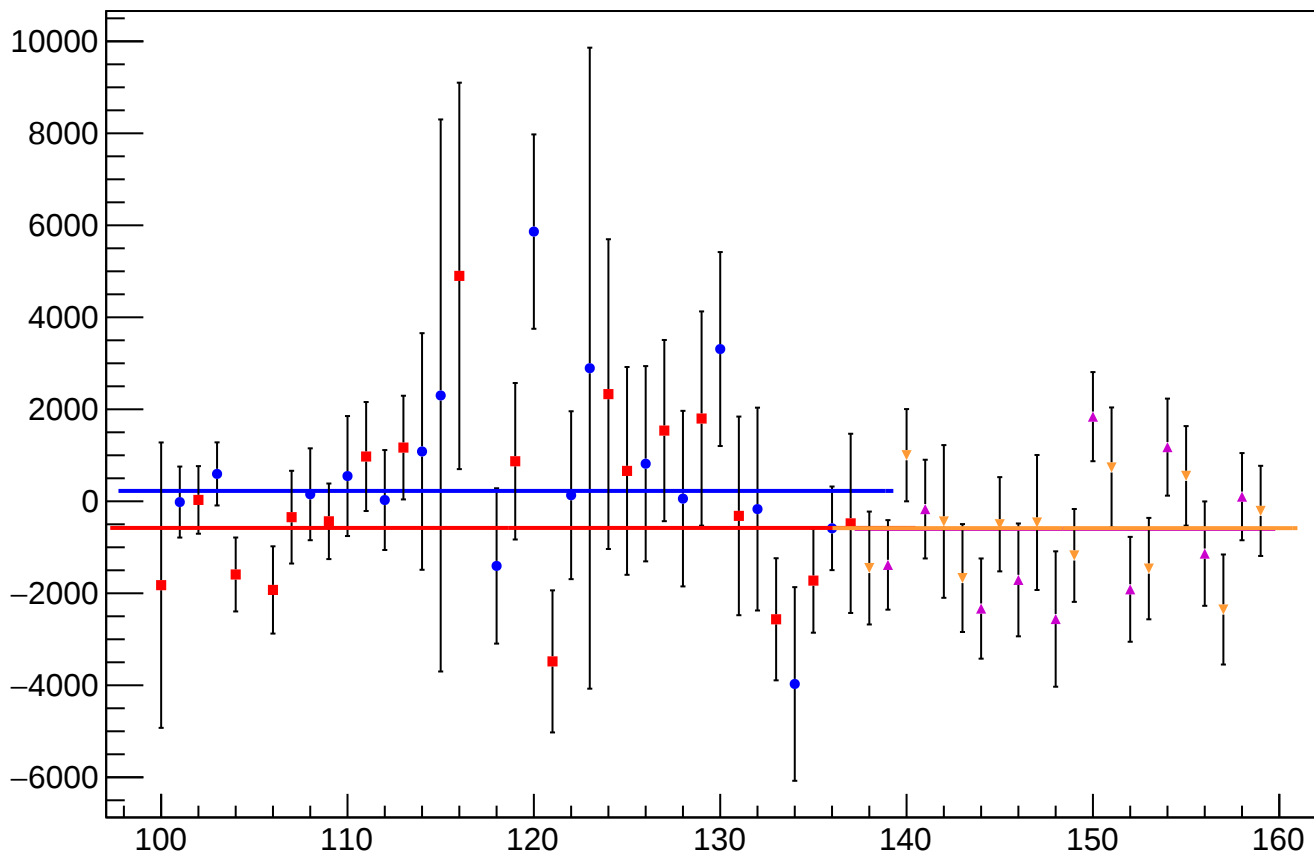
Left In: 160.195+/-0.040 χ^2/NDF :142150.7/9

+ sign 132.306+/-0.024 χ^2/NDF : 1819943.5/28

All: 128.927+/-0.017 χ^2/NDF : 4197194.7/57

- sign 125.708+/-0.024 χ^2/NDF : 2339403.7/28

asym_sam5_correction_mean vs Slug



Right In: 225.635 ± 321.412 χ^2/NDF : 16.0/16

Left Out: -583.649 ± 330.553 χ^2/NDF : 9.3/11

Right Out: -579.018 ± 289.235 χ^2/NDF : 21.1/18

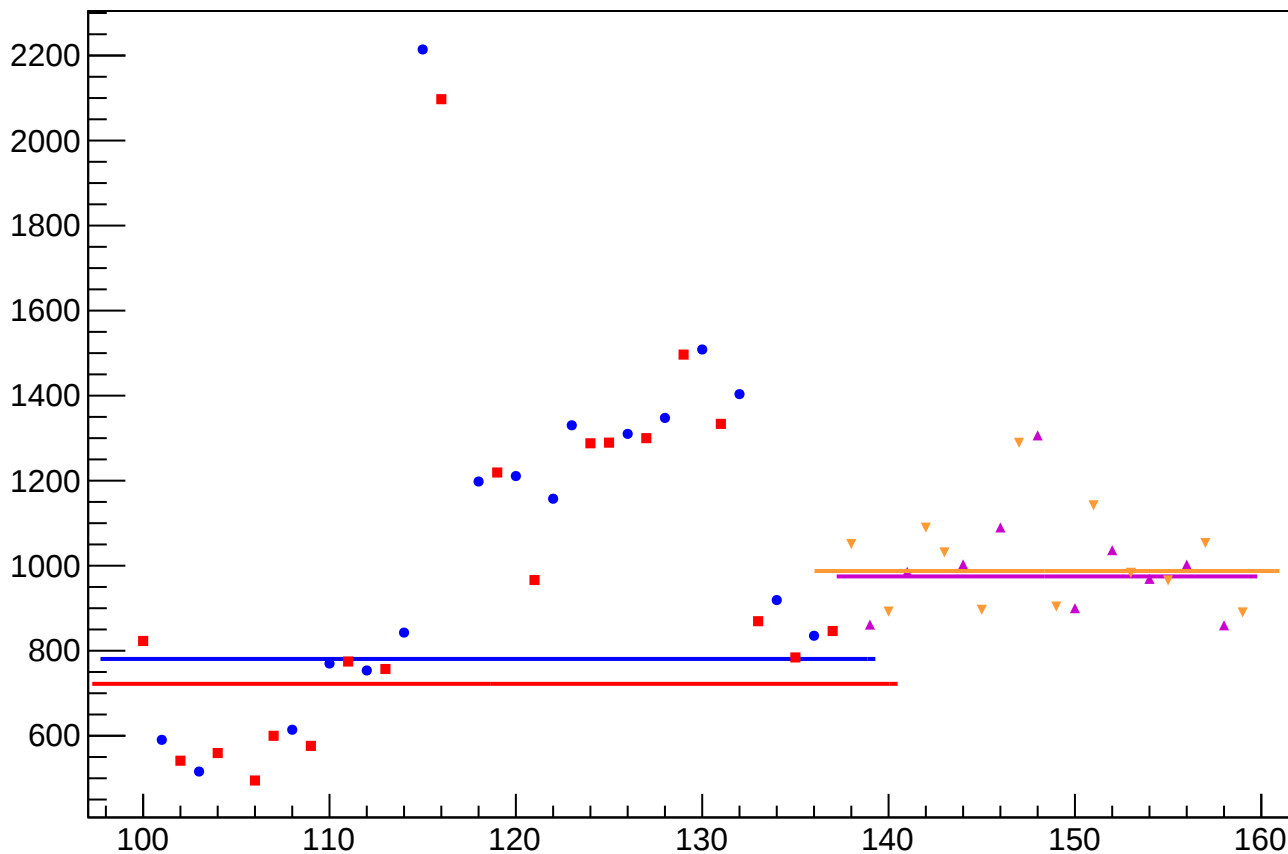
Left In: -600.550 ± 342.685 χ^2/NDF : 17.2/9

+ sign -167.663 ± 230.436 χ^2/NDF : 28.4/28

All: -386.573 ± 159.513 χ^2/NDF : 68.4/57

- sign -587.976 ± 221.030 χ^2/NDF : 38.3/28

asym_sam5_correction_rms vs Slug



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 987.518+/-0.234 χ^2/NDF : 202582.3/11

Right Out: 722.148+/-0.205 χ^2/NDF : 1628760.4/18

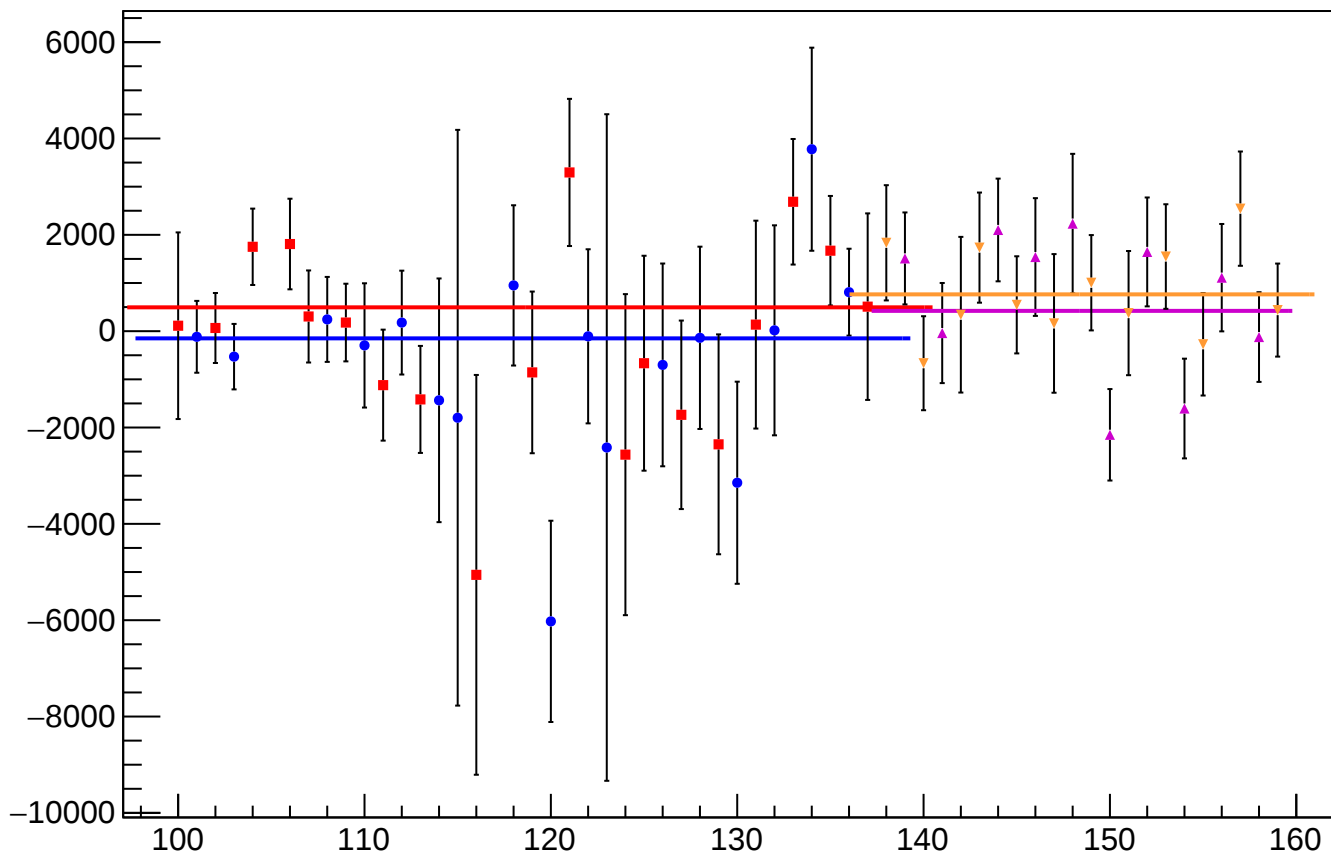
Left In: 974.753+/-0.242 χ^2/NDF : 196374.9/9

+ sign 881.210+/-0.163 χ^2/NDF : 2214534.3/28

All: 853.099+/-0.113 χ^2/NDF : 4731451.2/57

- sign 827.236+/-0.156 χ^2/NDF : 2459770.4/28

asym_sam5_mean vs Slug



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 764.206 ± 324.396 $\chi^2/\text{NDF}: 7.9/11$

Right Out: 494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

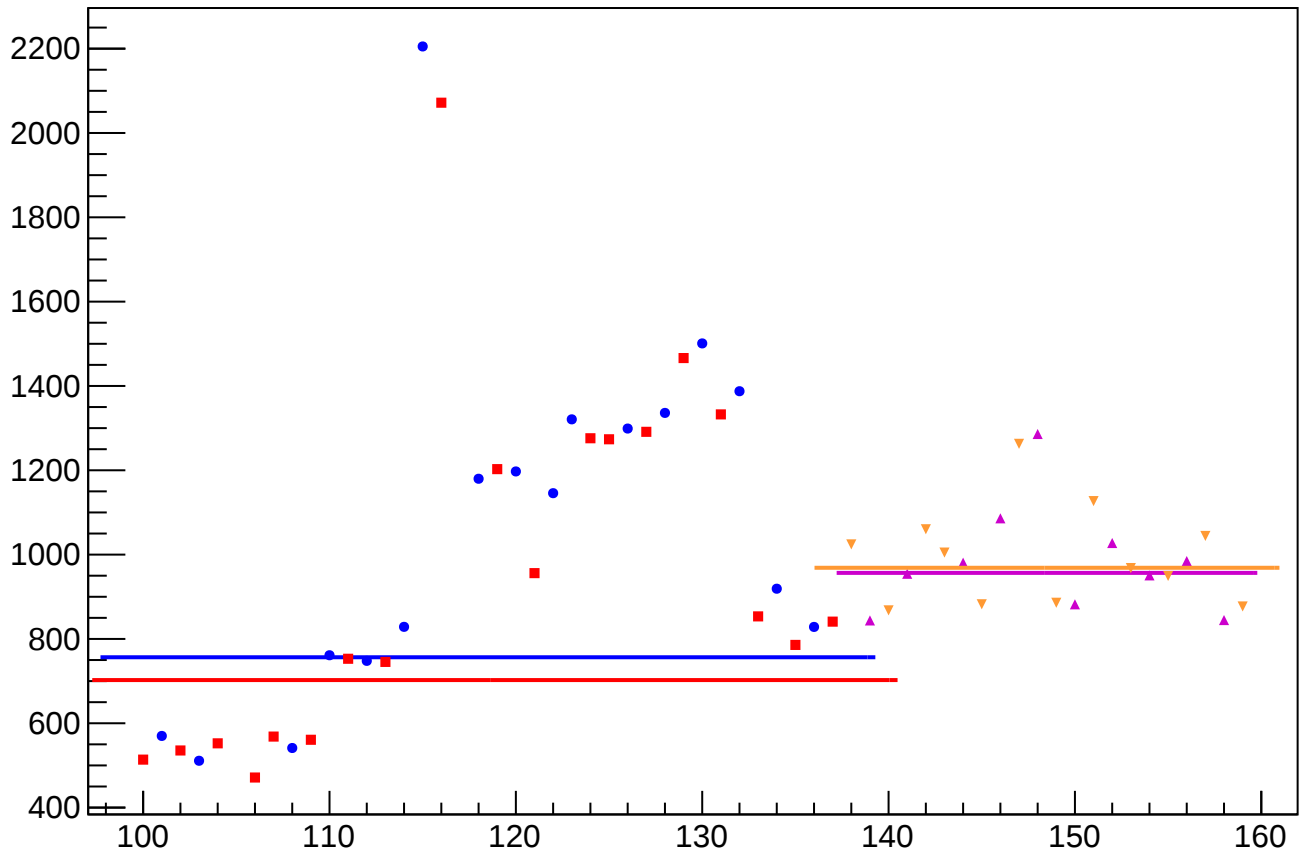
Left In: 421.413 ± 336.479 $\chi^2/\text{NDF}: 19.4/9$

+ sign 291.143 ± 225.232 $\chi^2/\text{NDF}: 28.2/28$

All: 381.245 ± 156.068 $\chi^2/\text{NDF}: 71.6/57$

- sign 464.463 ± 216.456 $\chi^2/\text{NDF}: 43.1/28$

asym_sam5_rms vs Slug



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 968.783 $\pm$ 0.229 χ^2 /NDF: 203299.7/11

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

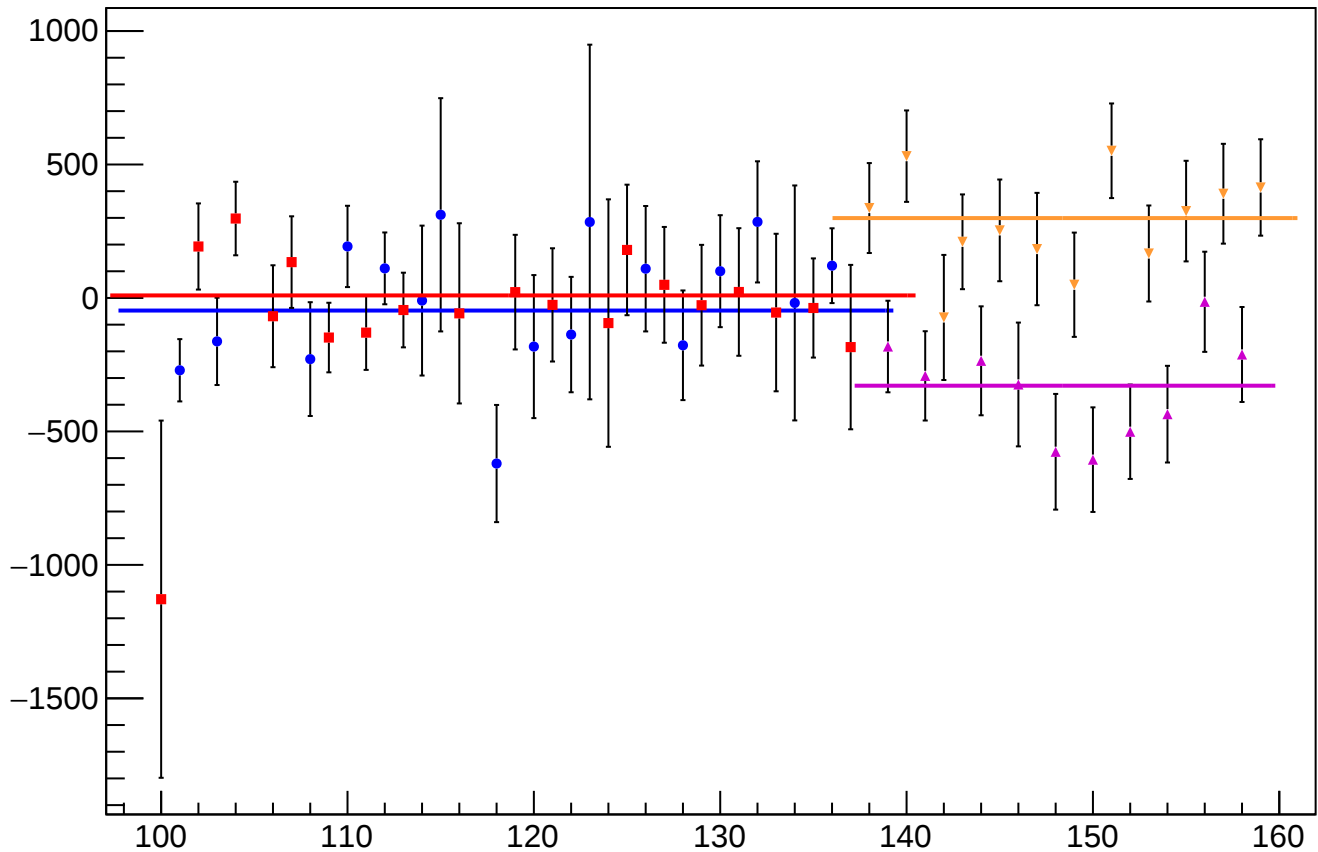
Left In: 956.662 $\pm$ 0.238 χ^2 /NDF: 205136.1/9

+ sign 858.855 $\pm$ 0.159 χ^2 /NDF: 2360370.2/28

All: 832.234 $\pm$ 0.110 χ^2 /NDF: 4977831.5/57

- sign 807.647 $\pm$ 0.153 χ^2 /NDF: 2563717.1/28

dit_asym_sam6_mean vs Slug



Right In: -47.157 ± 47.269 χ^2/NDF : 21.9/16

Left Out: 299.222 ± 53.781 χ^2/NDF : 9.9/11

Right Out: 9.507 ± 44.749 χ^2/NDF : 13.0/18

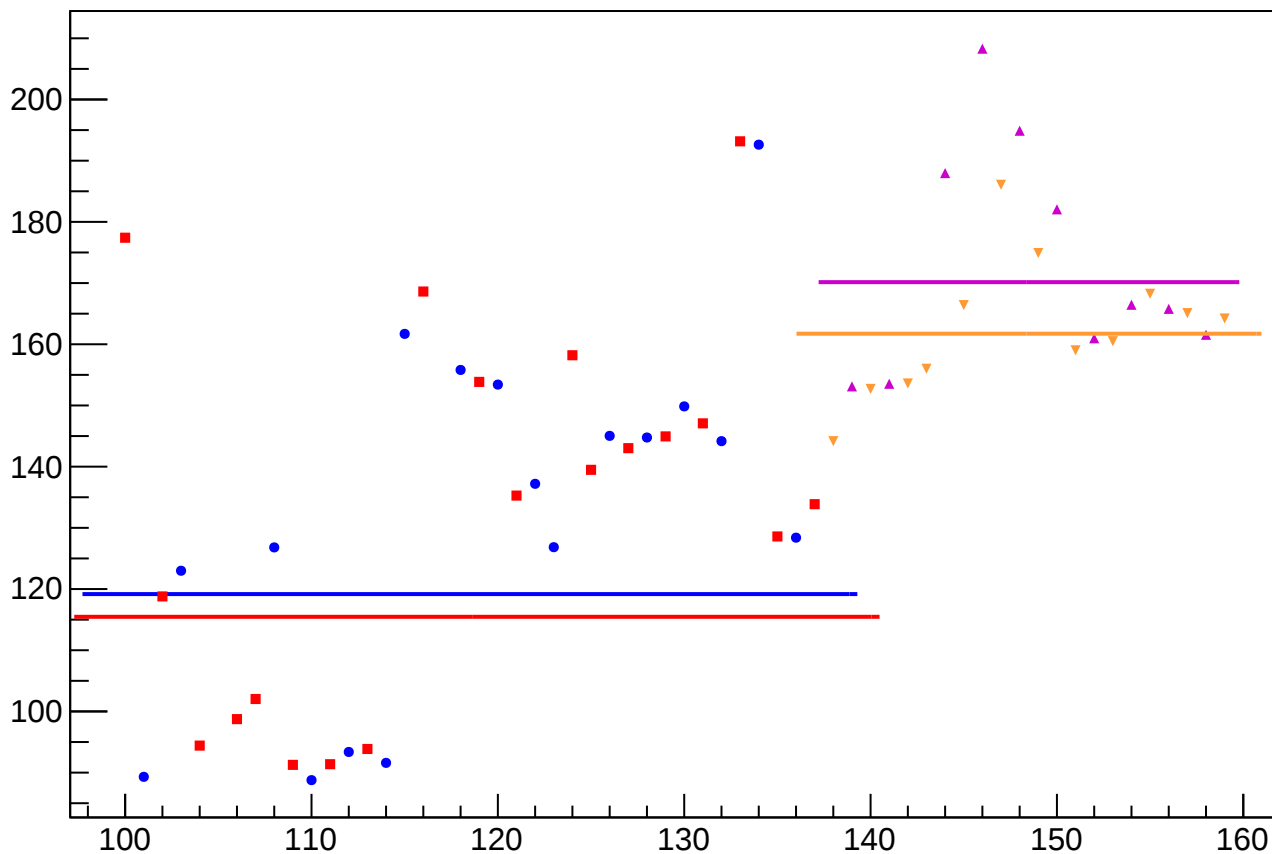
Left In: -328.707 ± 59.534 χ^2/NDF : 8.8/9

+ sign 103.803 ± 35.504 χ^2/NDF : 55.2/28

All: -3.586 ± 25.199 χ^2/NDF : 116.1/57

- sign -112.593 ± 35.771 χ^2/NDF : 42.5/28

dit_asym_sam6_rms vs Slug



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 161.727 $\pm$ 0.038 χ^2 /NDF: 72816.5/11

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

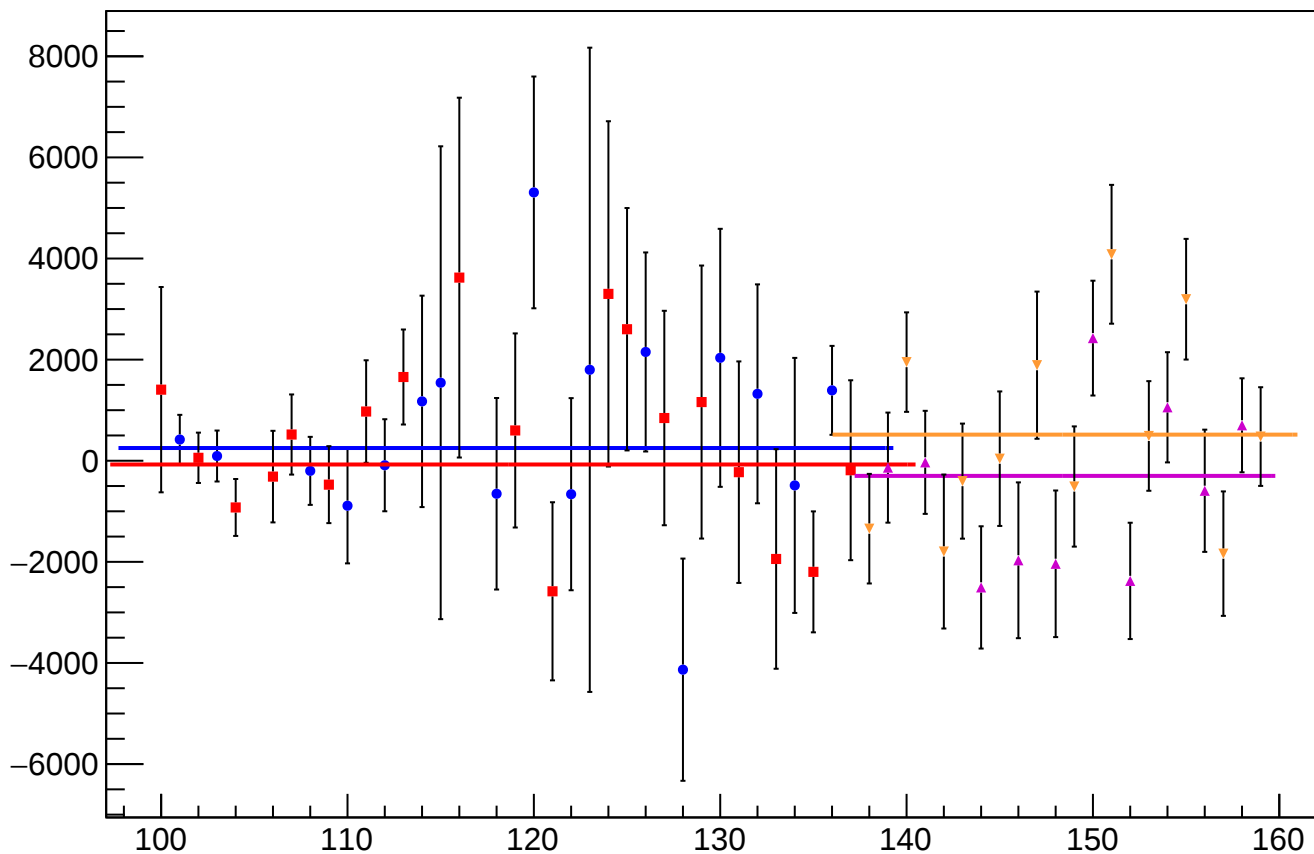
Left In: 170.153 $\pm$ 0.042 χ^2 /NDF: 154239.7/9

+ sign 137.720 $\pm$ 0.025 χ^2 /NDF: 1394478.7/28

All: 136.474 $\pm$ 0.018 χ^2 /NDF: 3324807.7/57

- sign 135.209 $\pm$ 0.025 χ^2 /NDF: 1925362.4/28

asym_sam6_correction_mean vs Slug



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 516.549 $\pm$ 340.518 χ^2 /NDF: 25.2/11

Right Out: -74.126 $\pm$ 243.967 χ^2 /NDF: 18.0/18

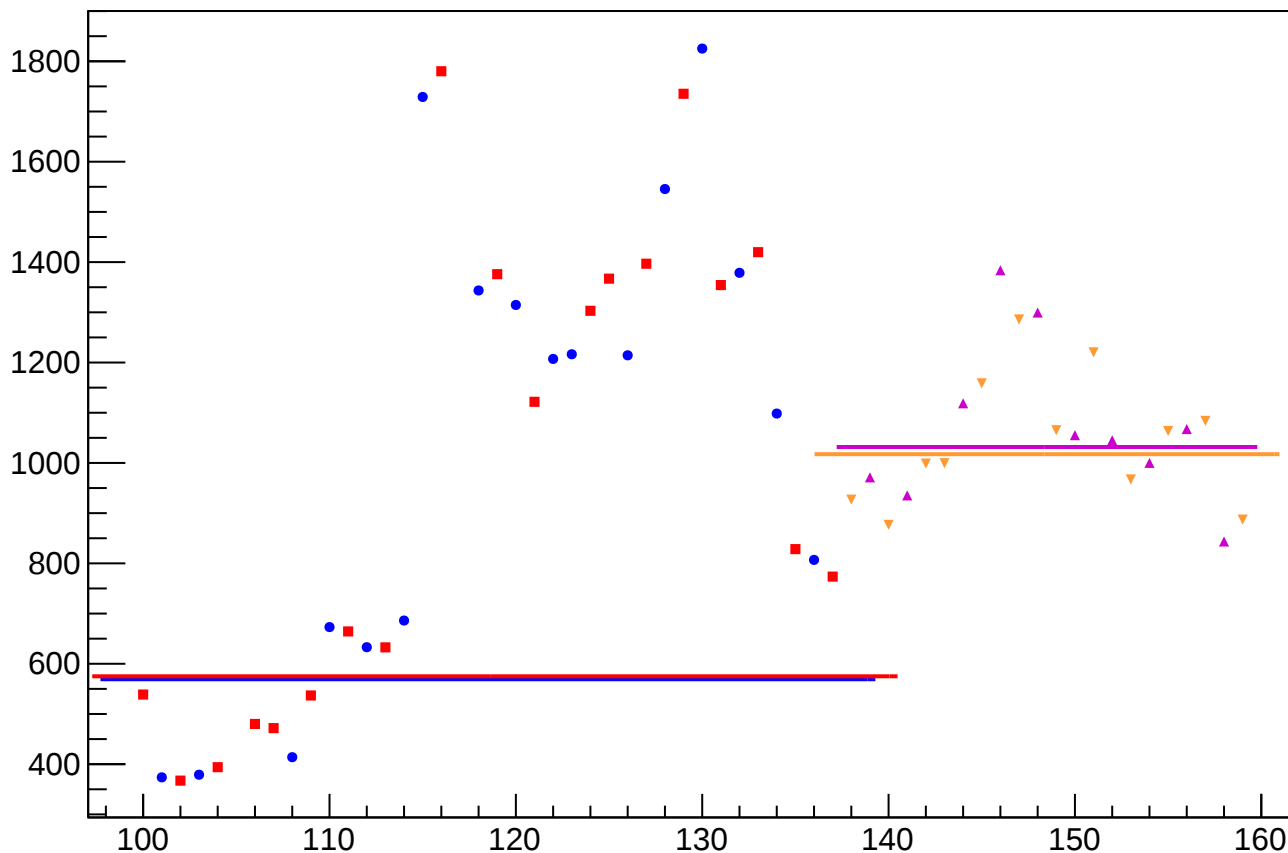
Left In: -299.541 $\pm$ 362.698 χ^2 /NDF: 17.8/9

+ sign 345.837 $\pm$ 202.988 χ^2 /NDF: 40.5/28

All: 100.074 $\pm$ 143.338 χ^2 /NDF: 79.5/57

- sign -144.345 $\pm$ 202.433 χ^2 /NDF: 36.1/28

asym_sam6_correction_rms vs Slug



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1017.444 $\pm$ 0.241 χ^2 /NDF: 241762.5/11

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

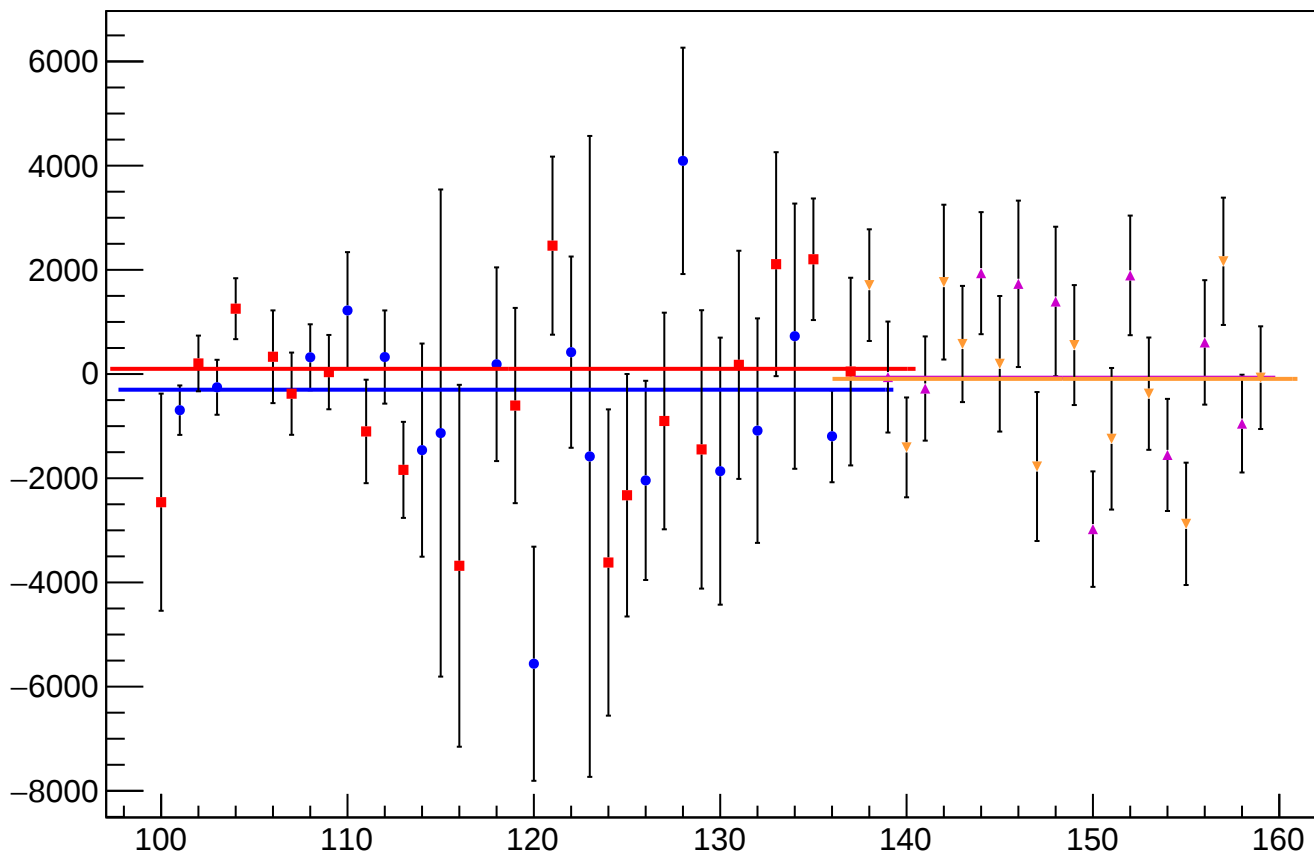
Left In: 1031.732 $\pm$ 0.256 χ^2 /NDF: 293540.1/9

+ sign 728.485 $\pm$ 0.144 χ^2 /NDF: 5742903.5/28

All: 722.883 $\pm$ 0.101 χ^2 /NDF: 11281452.6/57

- sign 717.312 $\pm$ 0.143 χ^2 /NDF: 5535510.6/28

asym_sam6_mean vs Slug



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -92.635 ± 335.622 χ^2/NDF : 18.2/11

Right Out: 99.947 ± 245.961 χ^2/NDF : 22.4/18

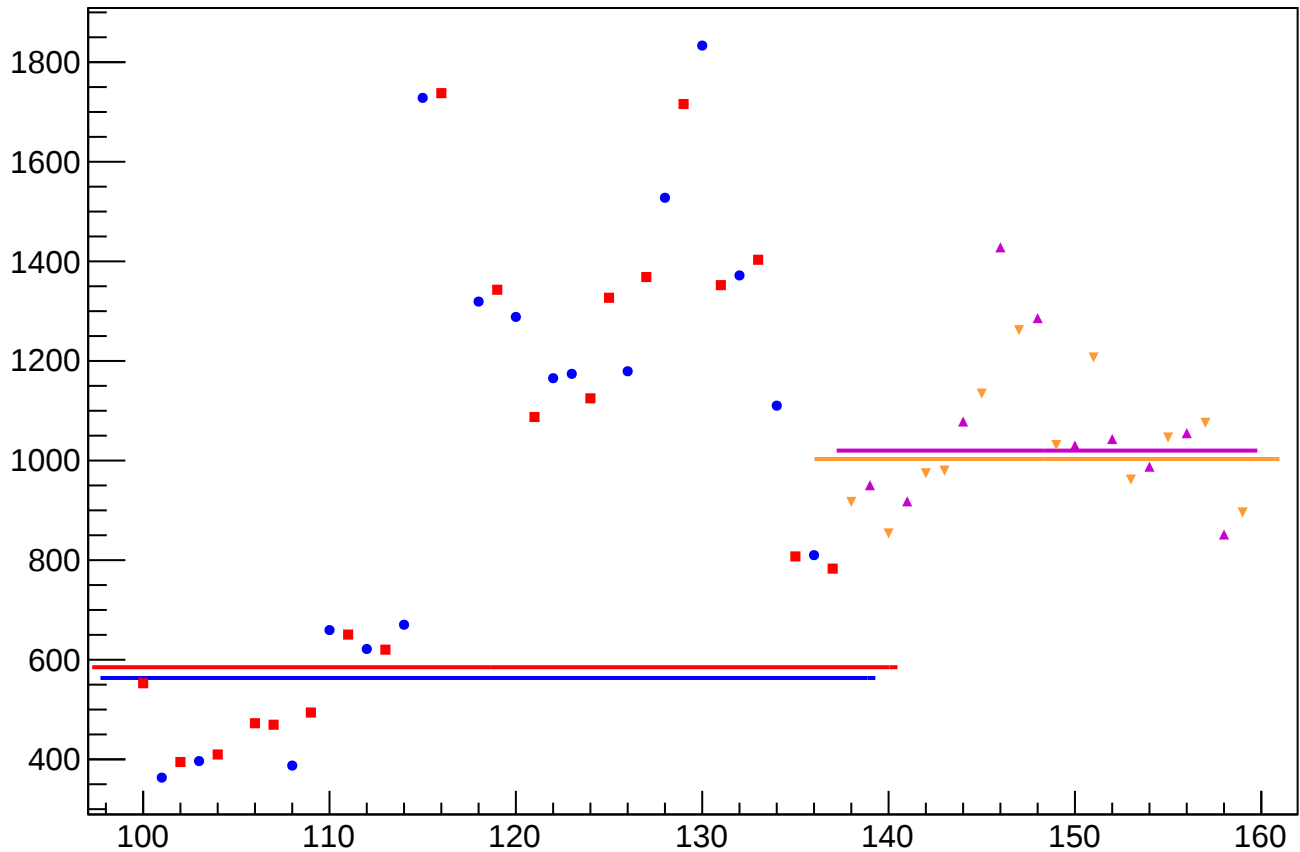
Left In: -70.185 ± 358.959 χ^2/NDF : 18.2/9

+ sign -226.305 ± 200.647 χ^2/NDF : 35.1/28

All: -91.875 ± 142.668 χ^2/NDF : 76.8/57

- sign 45.590 ± 202.899 χ^2/NDF : 40.7/28

asym_sam6_rms vs Slug



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1003.124+/-0.237 χ^2/NDF : 231635.0/11

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

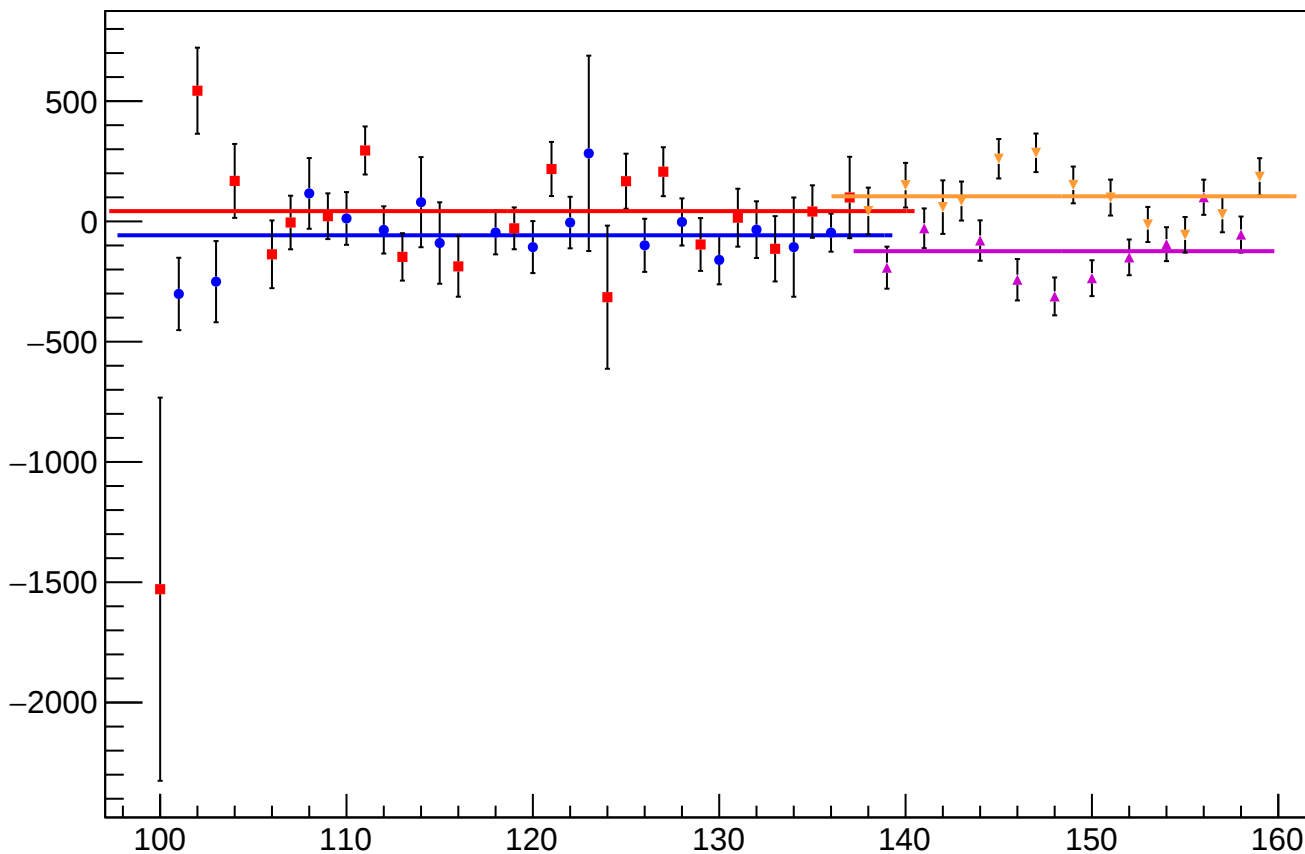
Left In: 1020.010+/-0.254 χ^2/NDF : 302623.7/9

+ sign 720.556+/-0.142 χ^2/NDF : 5696846.3/28

All: 722.246+/-0.101 χ^2/NDF : 10817332.0/57

- sign 723.975+/-0.143 χ^2/NDF : 5120198.7/28

dit_asym_sam7_mean vs Slug



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 104.326 $\pm$ 23.406 χ^2 /NDF:19.3/11

Right Out: 42.790 $\pm$ 27.694 χ^2 /NDF: 39.1/18

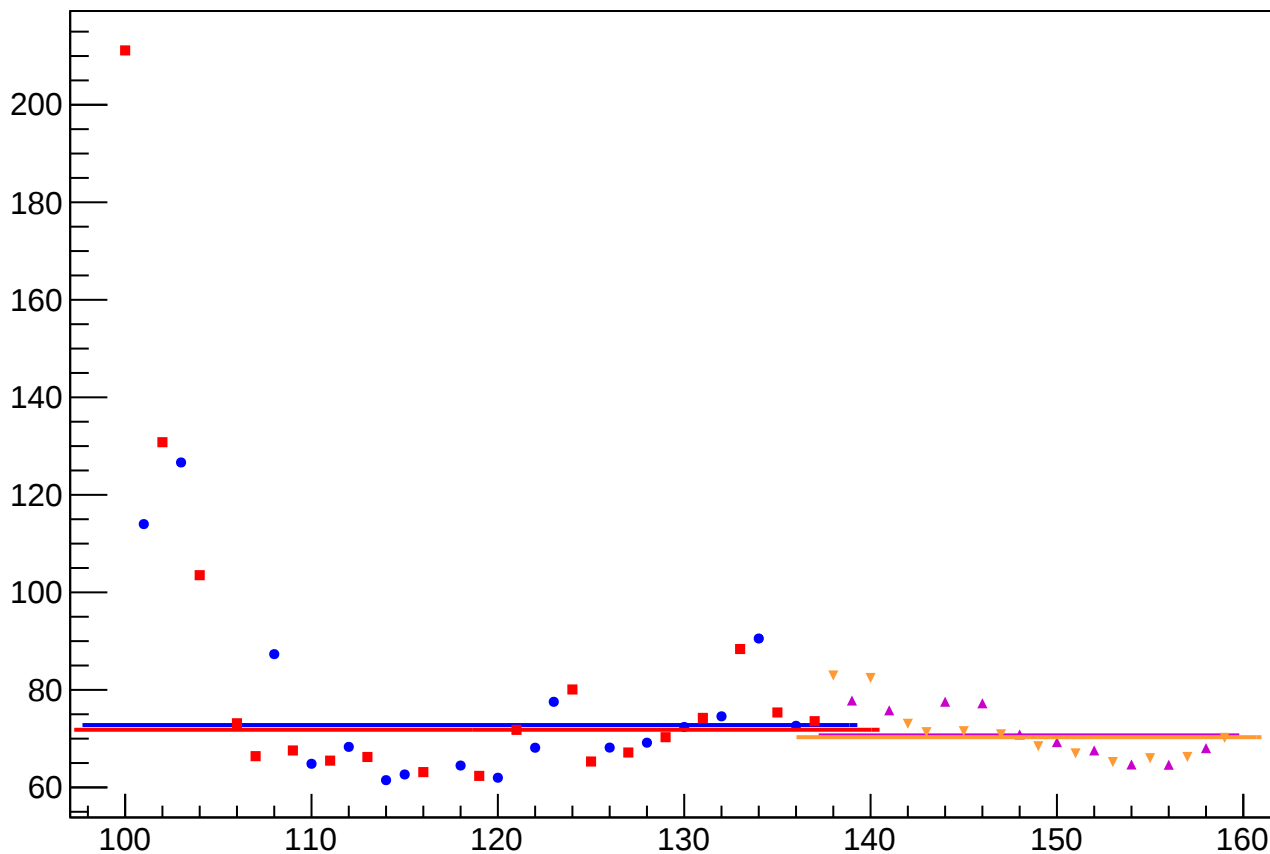
Left In: -123.724 $\pm$ 24.665 χ^2 /NDF:22.6/9

+ sign 39.586 $\pm$ 18.137 χ^2 /NDF: 47.6/28

All: -4.549 $\pm$ 12.923 χ^2 /NDF: 141.5/57

- sign -50.068 $\pm$ 18.419 χ^2 /NDF: 81.9/28

dit_asym_sam7_rms vs Slug



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 70.298 $\pm$ 0.017 χ^2 /NDF: 97777.0/11

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

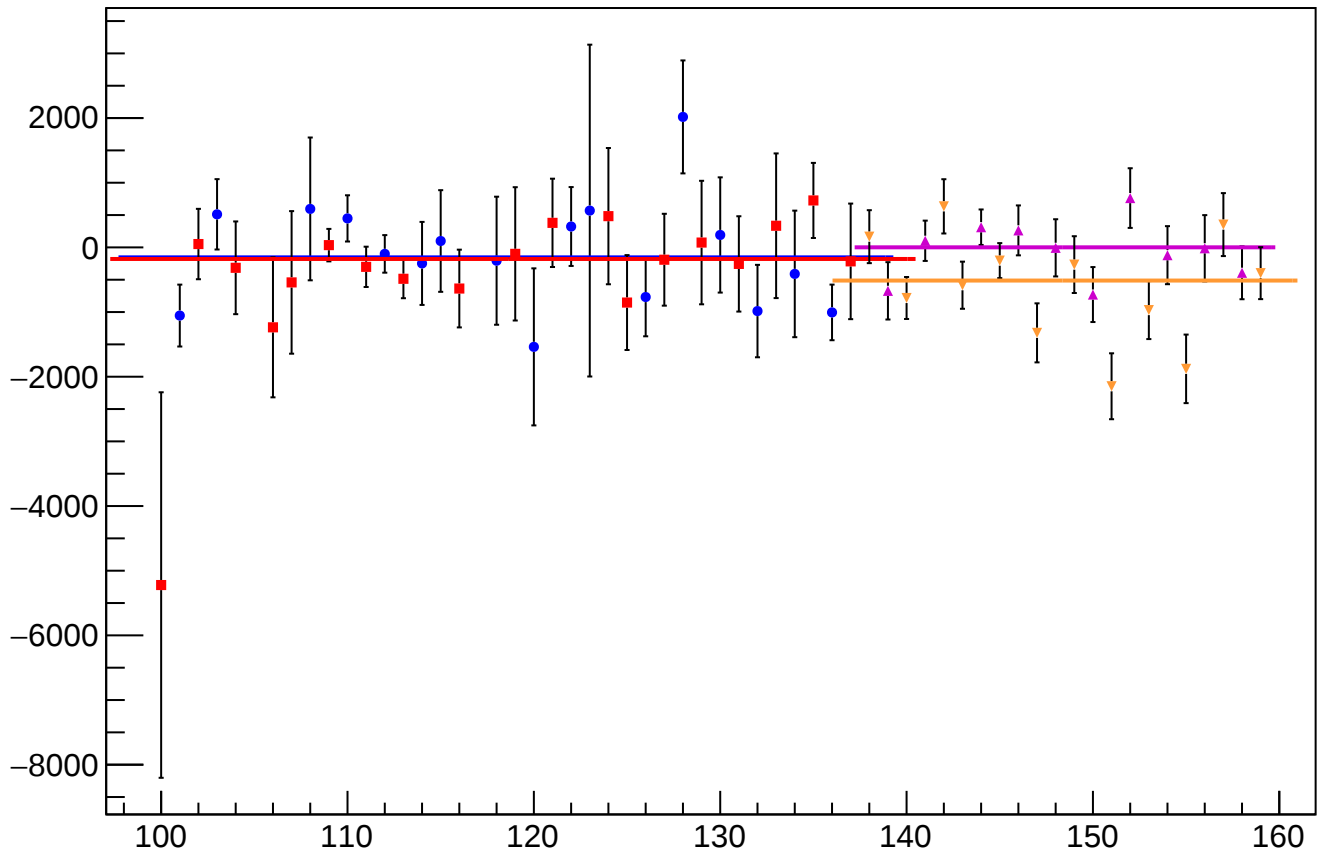
Left In: 70.668 $\pm$ 0.017 χ^2 /NDF: 80875.4/9

+ sign 71.294 $\pm$ 0.013 χ^2 /NDF: 571606.8/28

All: 71.237 $\pm$ 0.009 χ^2 /NDF: 1120118.4/57

- sign 71.179 $\pm$ 0.013 χ^2 /NDF: 548472.5/28

asym_sam7_correction_mean vs Slug



Right In: -154.404+/-140.700 χ^2/NDF : 23.2/16

Left Out: -512.793+/-115.386 χ^2/NDF : 36.9/11

Right Out: -179.068+/-126.107 χ^2/NDF : 11.3/18

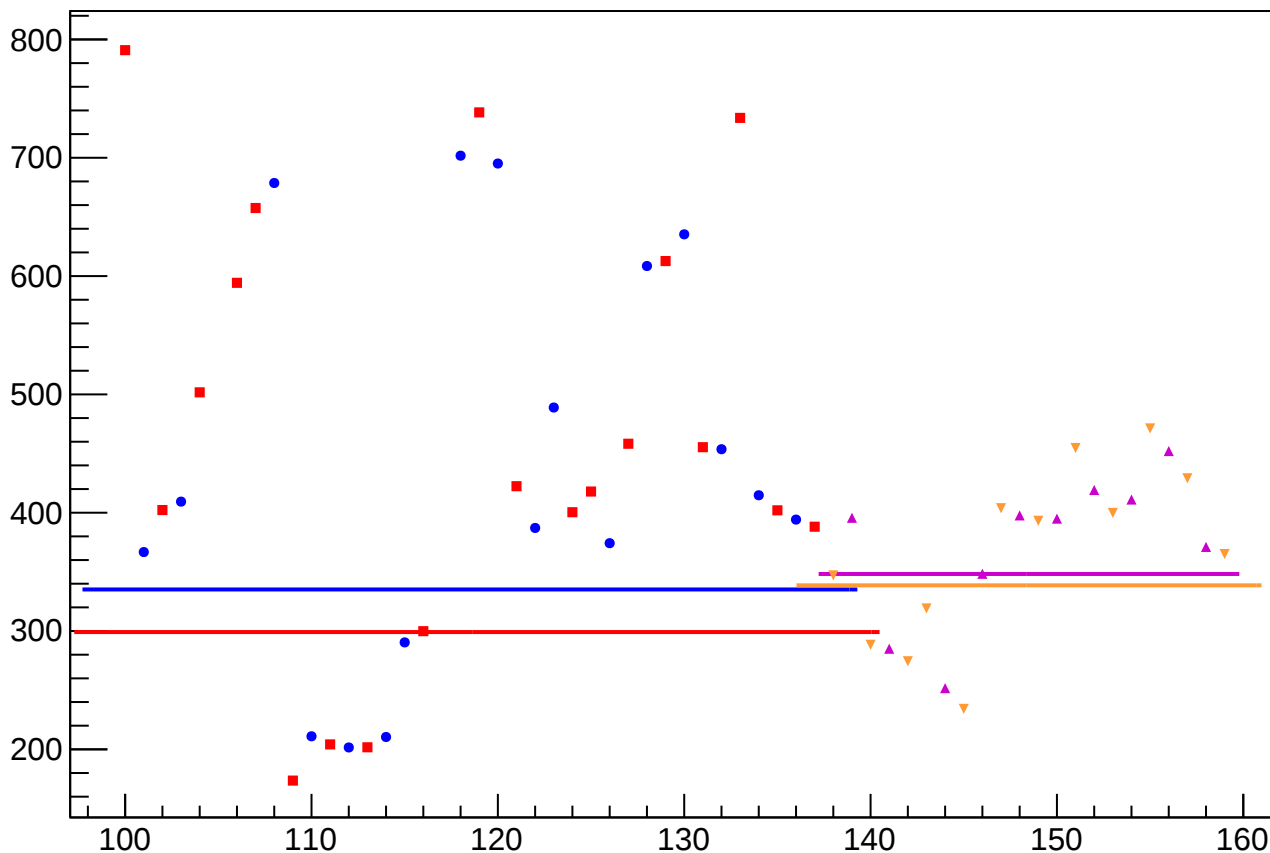
Left In: 0.905+/-123.586 χ^2/NDF : 10.8/9

+ sign -368.683+/-89.221 χ^2/NDF : 64.0/28

All: -226.461+/-62.748 χ^2/NDF : 92.2/57

- sign -87.264+/-88.266 χ^2/NDF : 23.1/28

asym_sam7_correction_rms vs Slug



Right In: 335.134 ± 0.099 χ^2/NDF : 1994045.2/16

Left Out: 338.635 ± 0.082 χ^2/NDF : 814883.8/11

Right Out: 299.135 ± 0.089 χ^2/NDF : 2831089.8/18

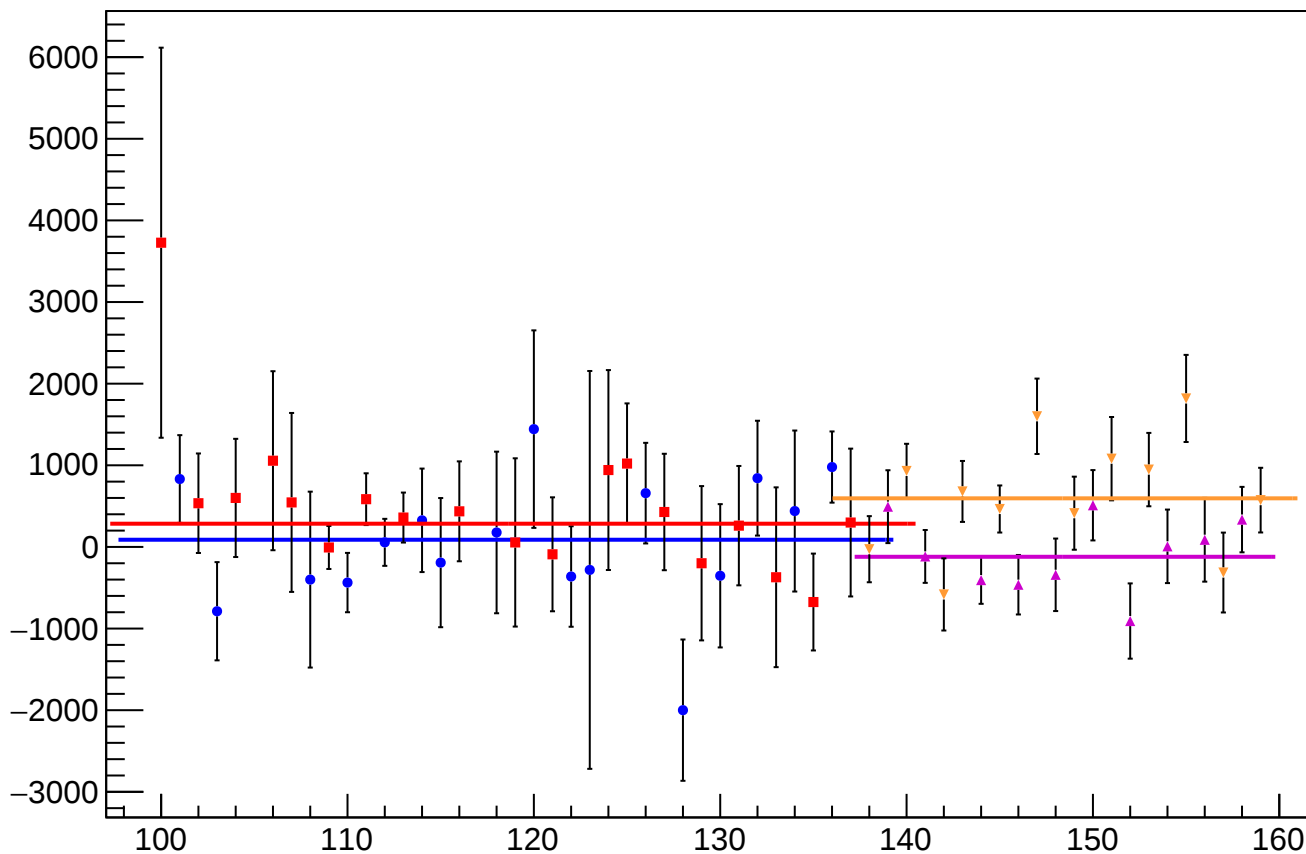
Left In: 348.237 ± 0.087 χ^2/NDF : 576754.4/9

+ sign 337.227 ± 0.063 χ^2/NDF : 2809669.1/28

All: 330.634 ± 0.044 χ^2/NDF : 6393787.3/57

- sign 324.182 ± 0.062 χ^2/NDF : 3562509.2/28

asym_sam7_mean vs Slug



Right In: 88.115 ± 143.018 χ^2/NDF : 20.8/16

Left Out: 595.325 ± 117.864 χ^2/NDF : 25.9/11

Right Out: 284.510 ± 129.675 χ^2/NDF : 10.1/18

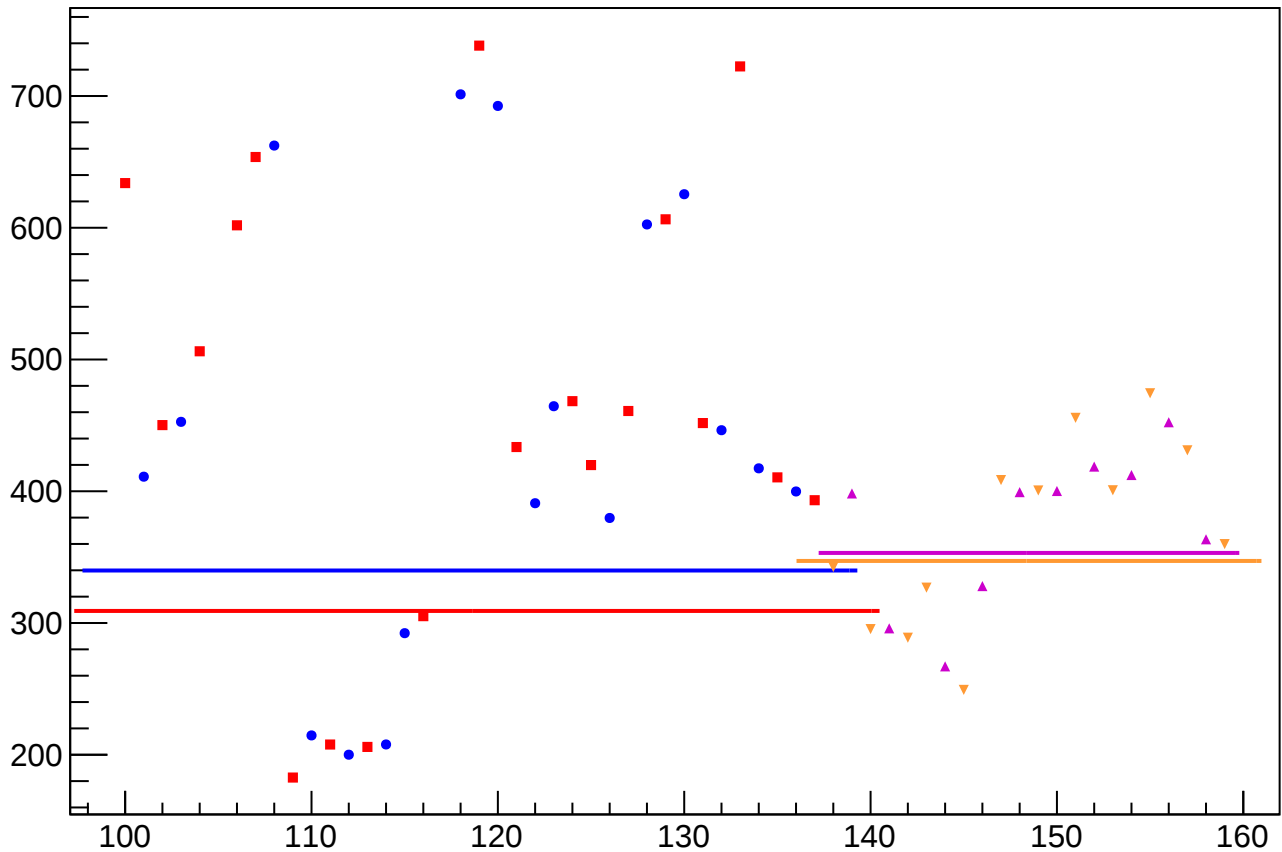
Left In: -120.686 ± 124.947 χ^2/NDF : 10.6/9

+ sign 390.174 ± 90.957 χ^2/NDF : 54.2/28

All: 230.571 ± 63.966 χ^2/NDF : 86.0/57

- sign 74.391 ± 89.976 χ^2/NDF : 25.8/28

asym_sam7_rms vs Slug



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 347.104+/-0.083 χ^2/NDF : 677466.3/11

Right Out: 309.158+/-0.092 χ^2/NDF : 2735887.4/18

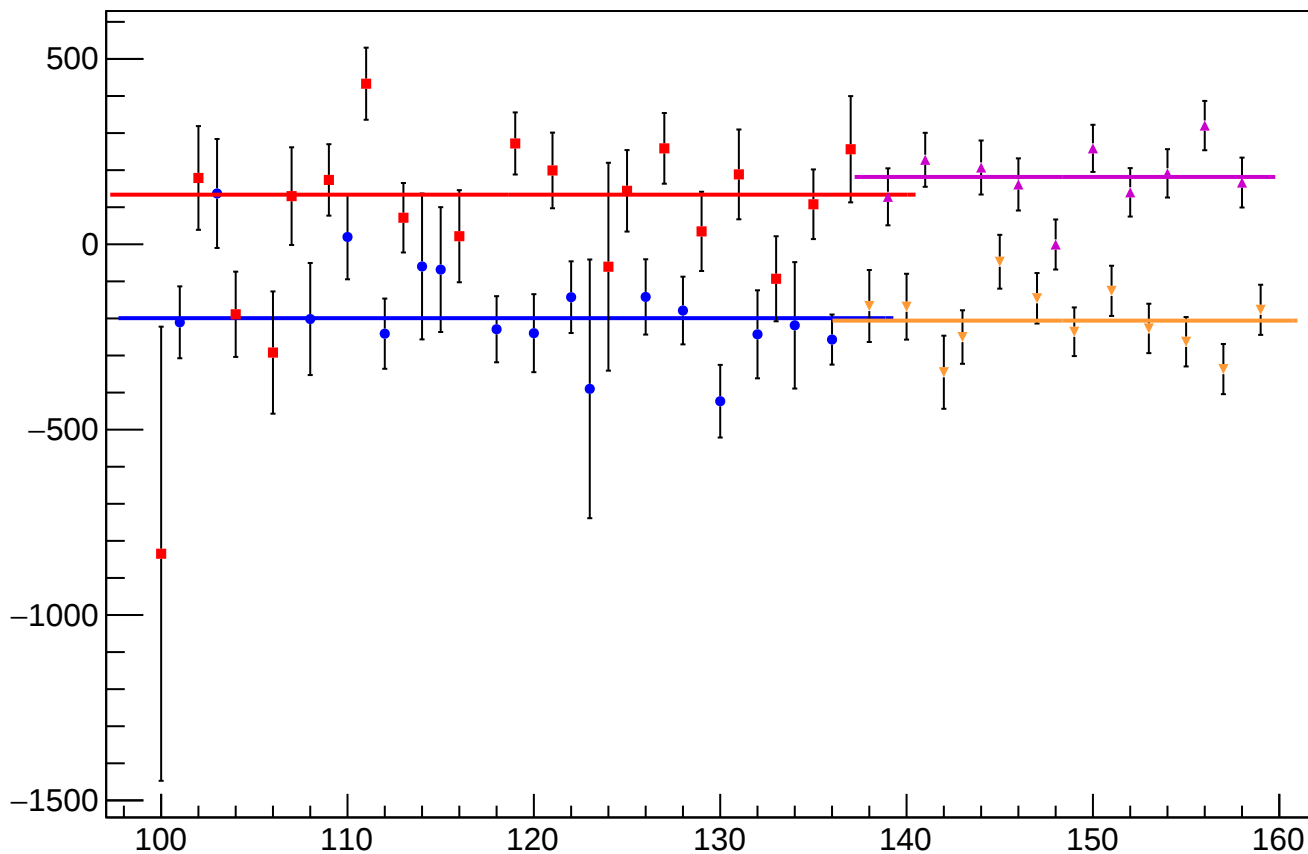
Left In: 353.189+/-0.088 χ^2/NDF : 464438.8/9

+ sign 344.170+/-0.064 χ^2/NDF : 2724053.1/28

All: 338.014+/-0.045 χ^2/NDF : 6062075.3/57

- sign 331.991+/-0.064 χ^2/NDF : 3319899.6/28

dit_asym_sam8_mean vs Slug



Right In: -199.252 ± 26.515 χ^2/NDF : 17.6/16

Left Out: -205.883 ± 20.984 χ^2/NDF : 14.7/11

Right Out: 133.844 ± 26.228 χ^2/NDF : 39.2/18

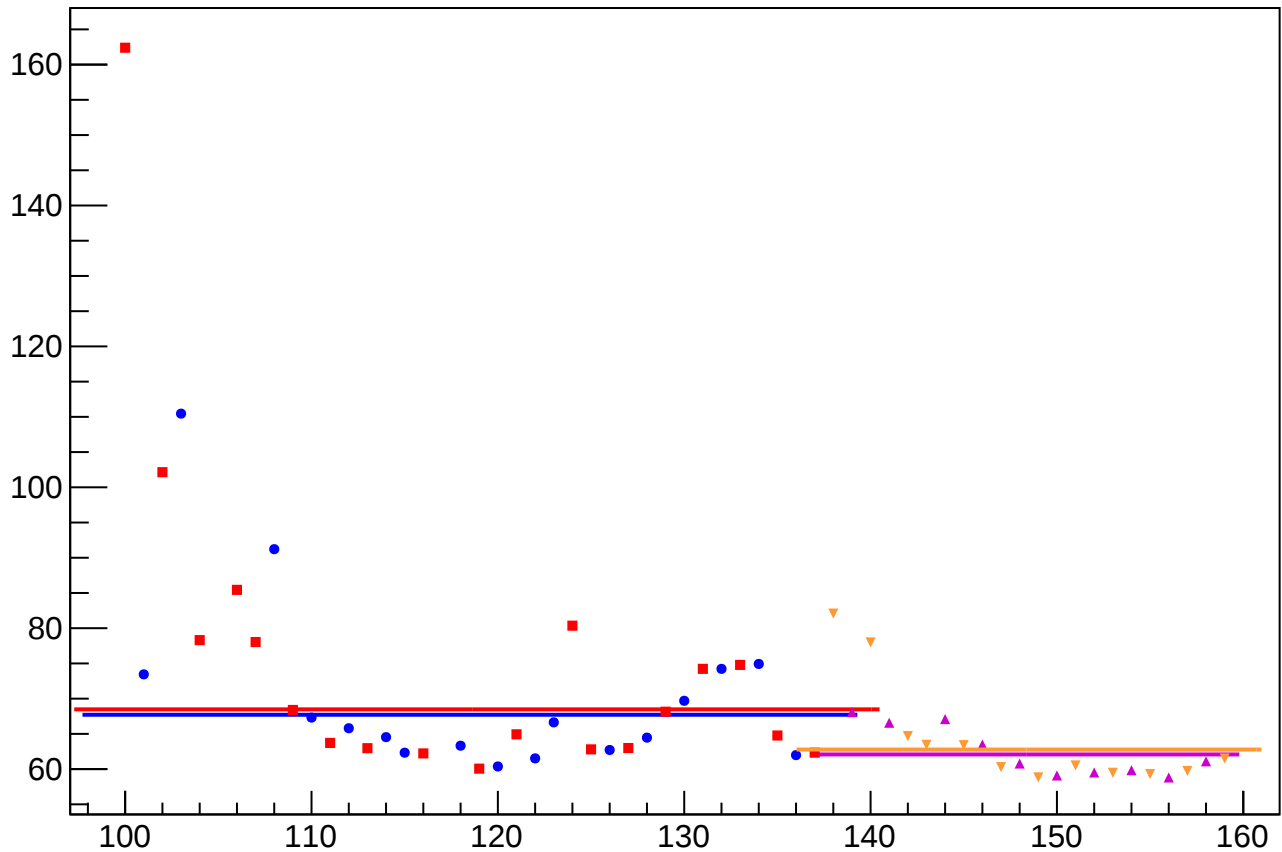
Left In: 181.669 ± 21.662 χ^2/NDF : 14.7/9

+ sign -203.329 ± 16.455 χ^2/NDF : 32.3/28

All: -23.254 ± 11.722 χ^2/NDF : 331.3/57

- sign 162.276 ± 16.702 χ^2/NDF : 55.8/28

dit_asym_sam8_rms vs Slug



Right In: 67.715 ± 0.019 χ^2/NDF : 282892.5/16

Left Out: 62.777 ± 0.015 χ^2/NDF : 165883.9/11

Right Out: 68.481 ± 0.019 χ^2/NDF : 281423.4/18

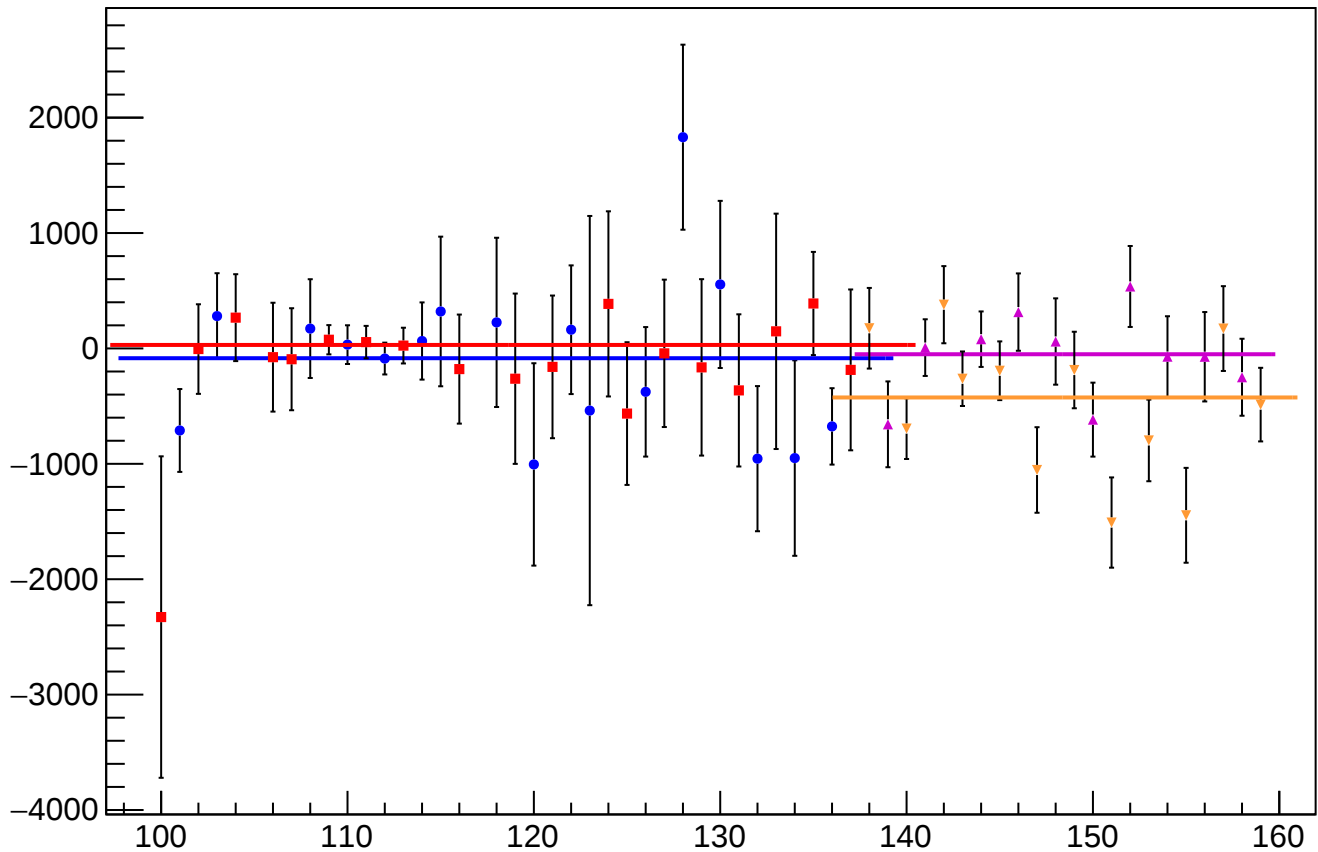
Left In: 62.079 ± 0.015 χ^2/NDF : 45953.7/9

+ sign 64.679 ± 0.012 χ^2/NDF : 491434.6/28

All: 64.677 ± 0.008 χ^2/NDF : 889643.7/57

- sign 64.675 ± 0.012 χ^2/NDF : 398209.1/28

asym_sam8_correction_mean vs Slug



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -424.941 $\pm$ 91.679 χ^2/NDF : 32.1/11

Right Out: 30.219 $\pm$ 69.663 χ^2/NDF : 6.3/18

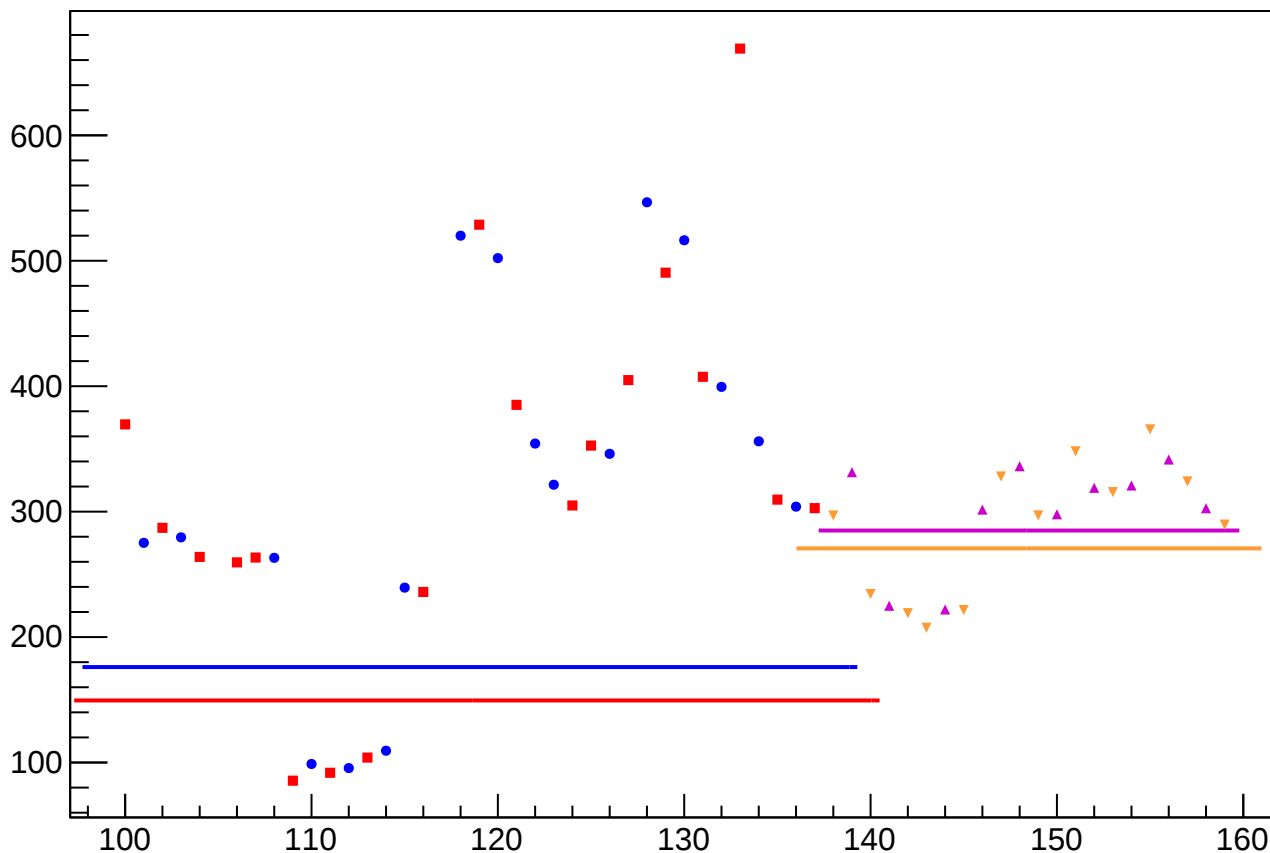
Left In: -50.362 $\pm$ 100.590 χ^2/NDF : 10.6/9

+ sign -237.313 $\pm$ 61.394 χ^2/NDF : 59.6/28

All: -108.226 $\pm$ 41.878 χ^2/NDF : 85.2/57

- sign 4.099 $\pm$ 57.270 χ^2/NDF : 17.3/28

asym_sam8_correction_rms vs Slug



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 270.701+/-0.065 χ^2/NDF : 642105.6/11

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

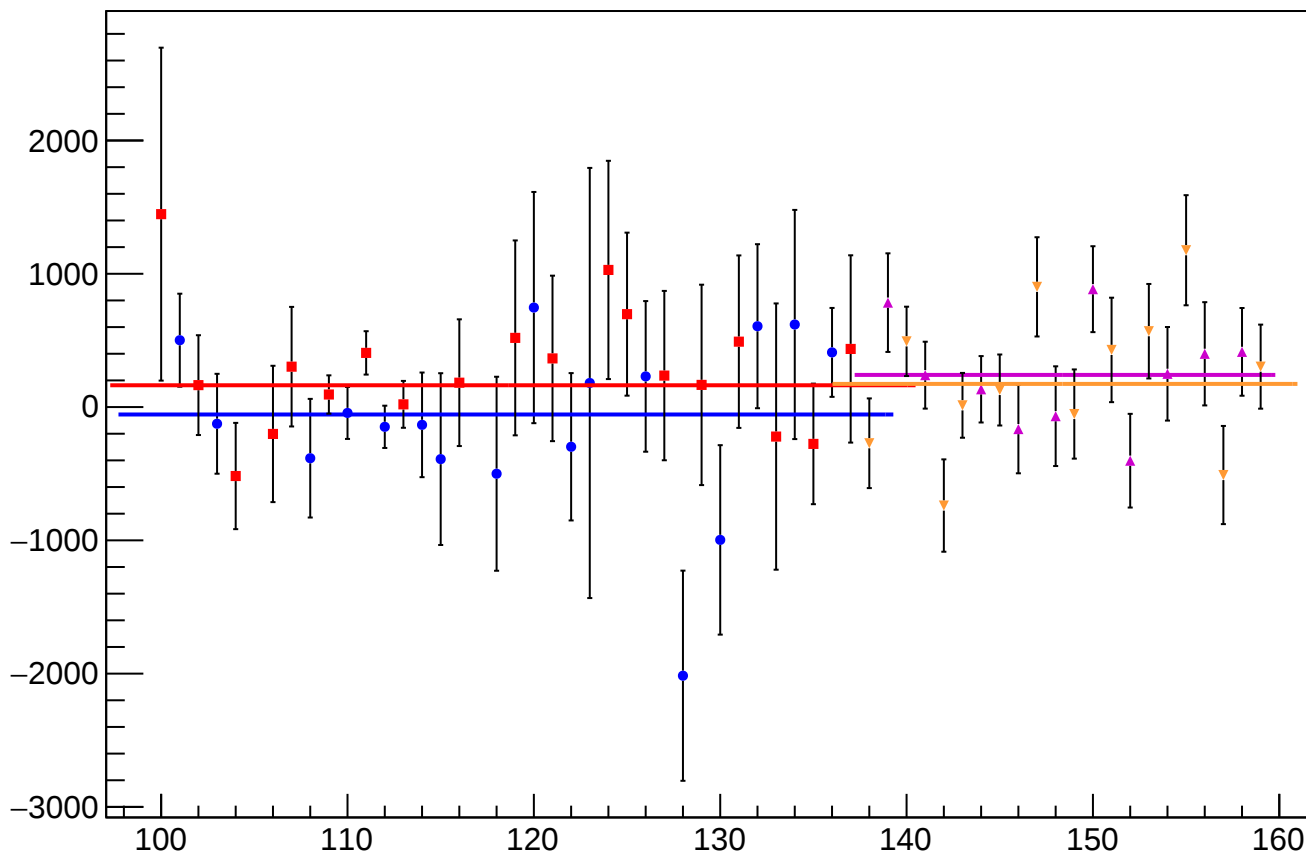
Left In: 284.947+/-0.071 χ^2/NDF : 421695.8/9

+ sign 218.522+/-0.043 χ^2/NDF : 6040393.1/28

All: 205.086+/-0.030 χ^2/NDF : 13913624.9/57

- sign 193.394+/-0.040 χ^2/NDF : 7694081.5/28

asym_sam8_mean vs Slug



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 173.737 ± 92.509 χ^2/NDF : 26.1/11

Right Out: 163.564 ± 76.926 χ^2/NDF : 11.4/18

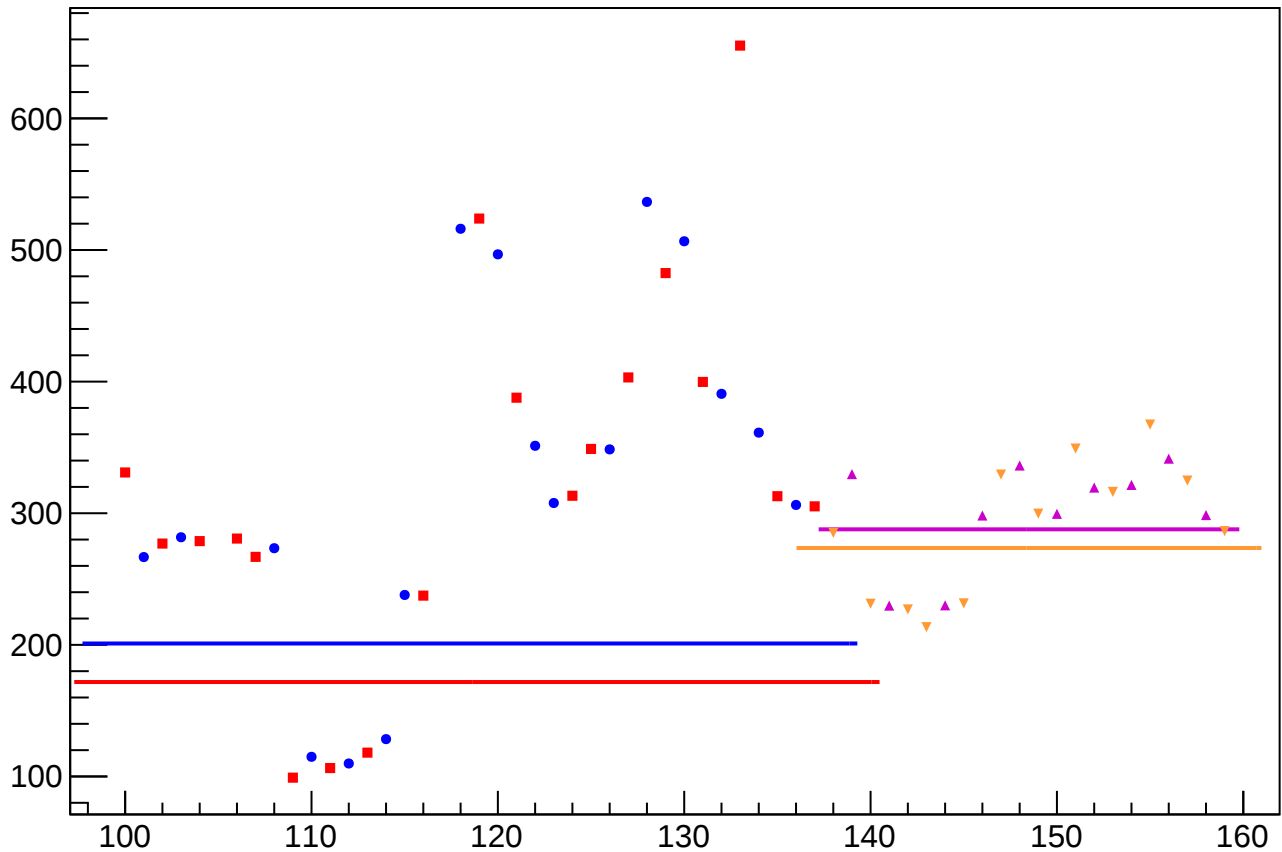
Left In: 241.204 ± 101.397 χ^2/NDF : 12.3/9

+ sign 56.579 ± 64.718 χ^2/NDF : 46.4/28

All: 127.938 ± 44.499 χ^2/NDF : 72.8/57

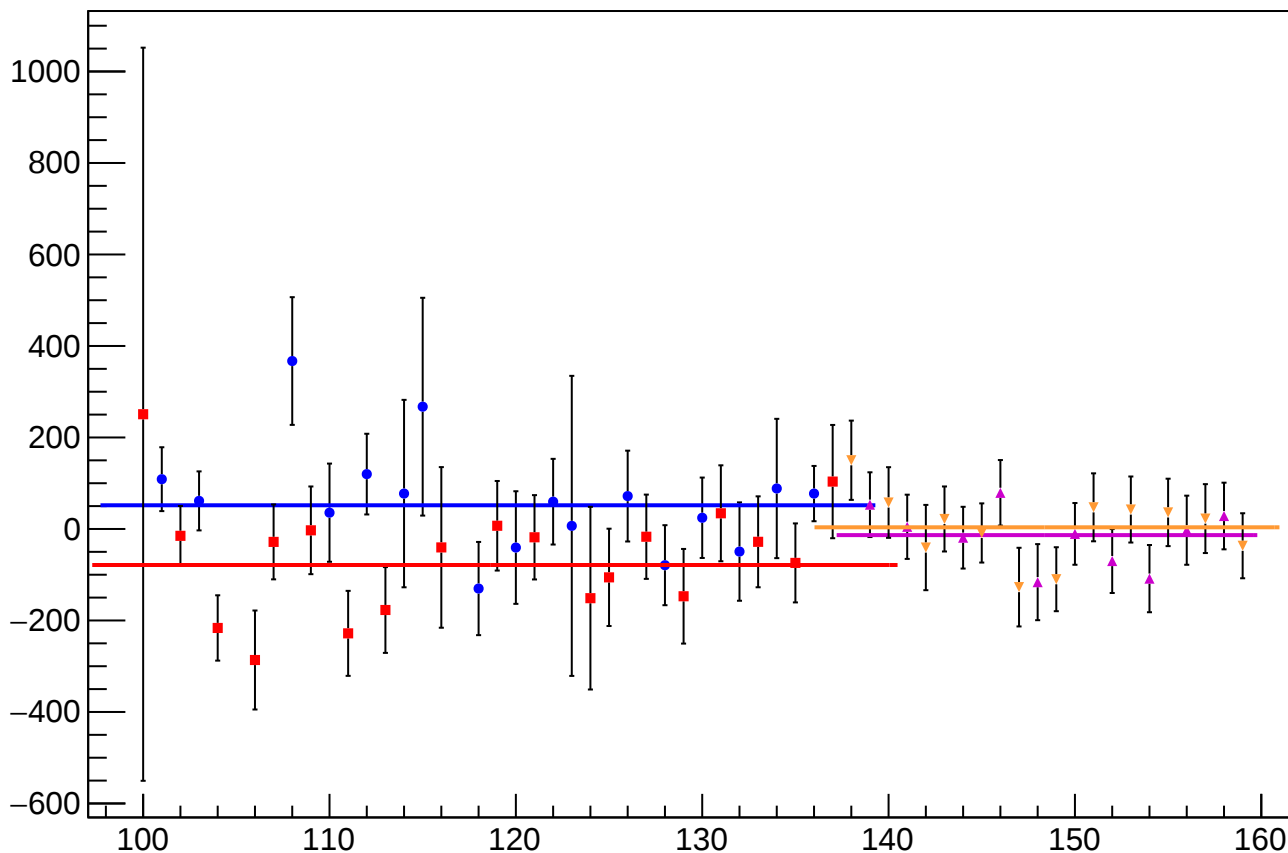
- sign 191.927 ± 61.285 χ^2/NDF : 24.1/28

asym_sam8_rms vs Slug



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16 + sign 236.550+/-0.046 χ^2/NDF : 4630660.1/28
 Left Out: 273.599+/-0.065 χ^2/NDF : 569357.8/11
 Right Out: 171.765+/-0.054 χ^2/NDF : 4098218.1/18 All: 224.737+/-0.031 χ^2/NDF : 10870348.0/57
 Left In: 287.772+/-0.072 χ^2/NDF : 353538.7/9 - sign 214.143+/-0.043 χ^2/NDF : 6113293.1/28

dit_asym_sam_15_avg_mean vs Slug



Right In: 51.799 ± 23.538 χ^2/NDF : 14.5/16

Left Out: 3.652 ± 21.693 χ^2/NDF : 9.8/11

Right Out: -78.749 ± 22.490 χ^2/NDF : 19.1/18

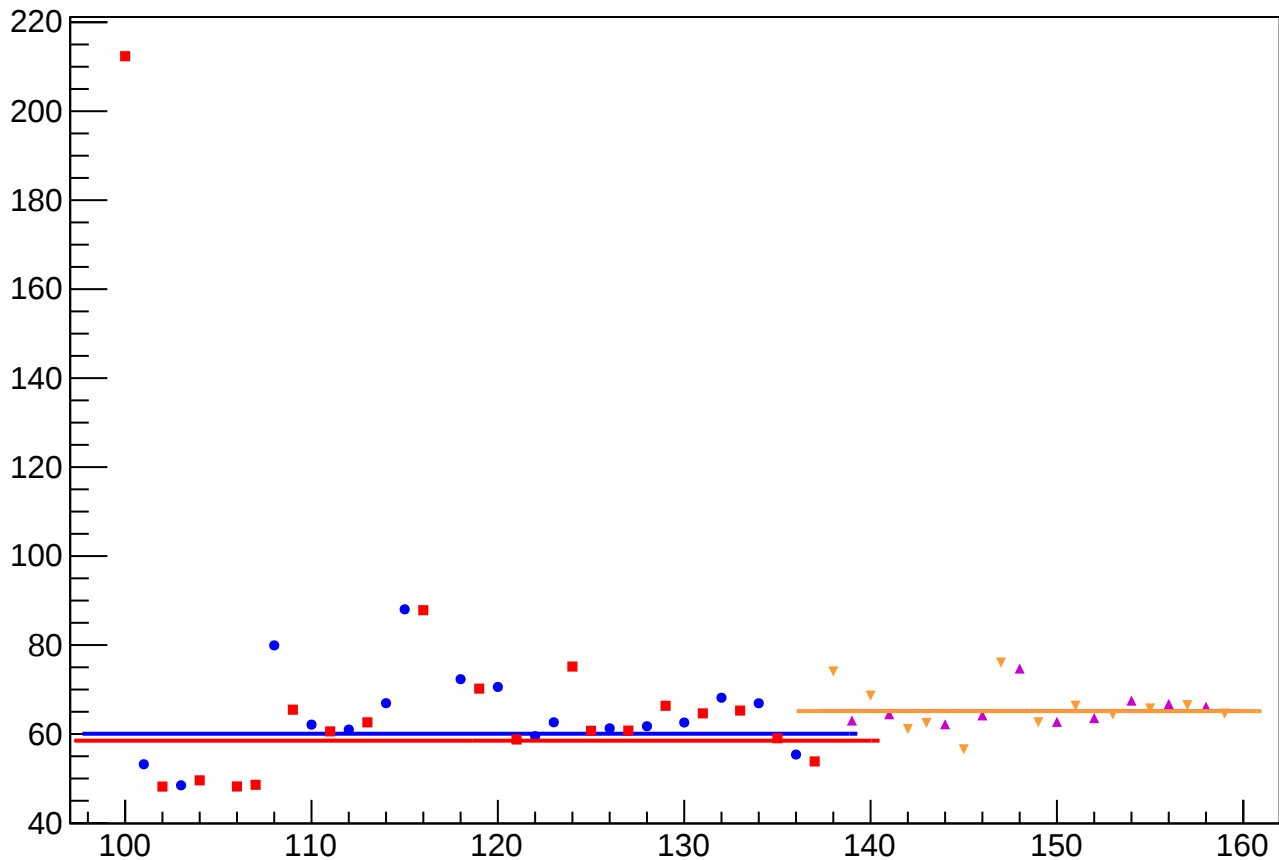
Left In: -13.423 ± 22.732 χ^2/NDF : 6.8/9

+ sign 25.765 ± 15.952 χ^2/NDF : 26.6/28

All: -10.253 ± 11.292 χ^2/NDF : 67.0/57

- sign -46.434 ± 15.988 χ^2/NDF : 30.2/28

dit_asym_sam_15_avg_rms vs Slug



Right In: 60.065 ± 0.017 χ^2/NDF : 229098.7/16

Left Out: 65.153 ± 0.015 χ^2/NDF : 103481.8/11

Right Out: 58.508 ± 0.016 χ^2/NDF : 348822.3/18

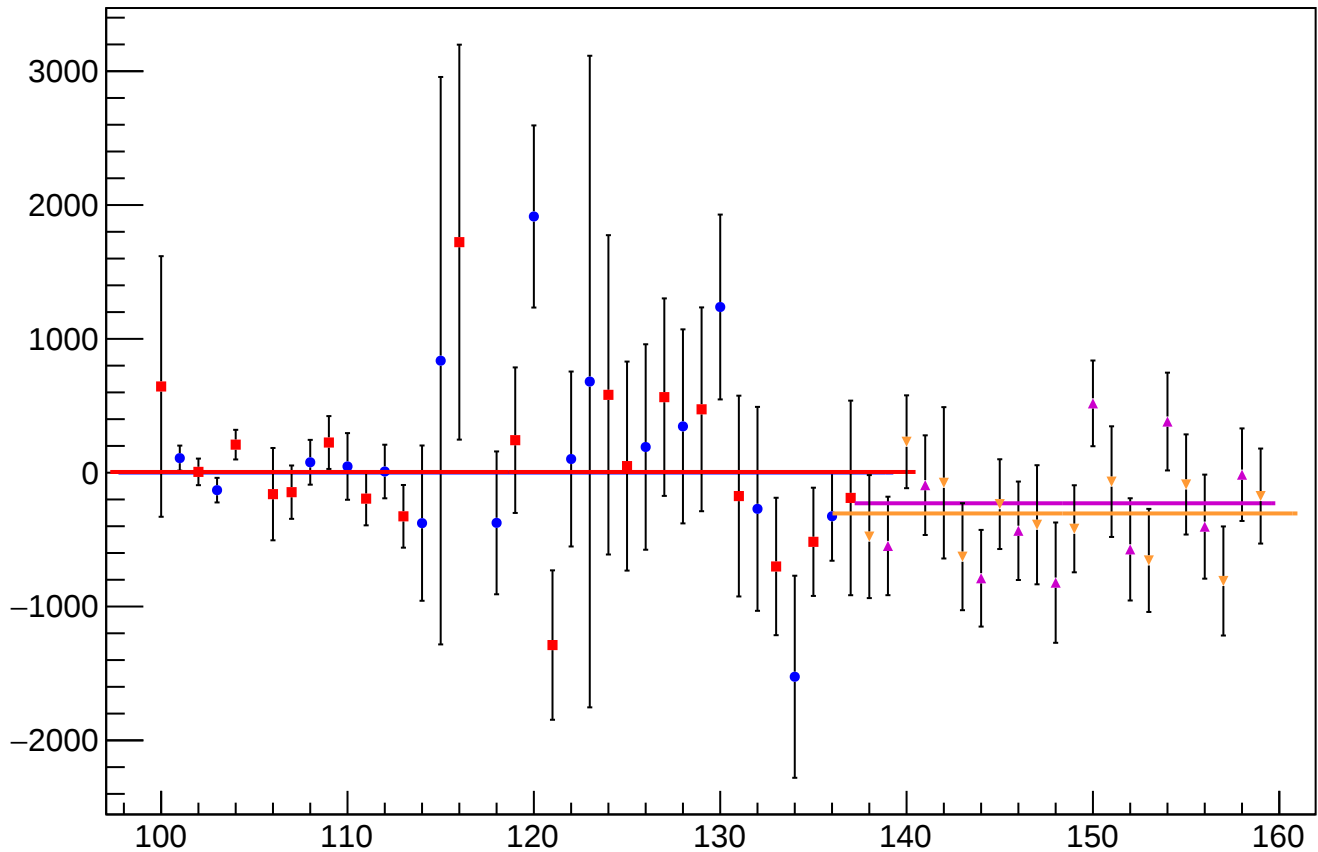
Left In: 65.173 ± 0.016 χ^2/NDF : 39549.1/9

+ sign 62.816 ± 0.011 χ^2/NDF : 383109.4/28

All: 62.312 ± 0.008 χ^2/NDF : 862370.7/57

- sign 61.805 ± 0.011 χ^2/NDF : 475250.2/28

asym_sam_15_avg_correction_mean vs Slug



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -304.478 ± 112.148 χ^2/NDF : 6.7/11

Right Out: 5.402 ± 56.516 χ^2/NDF : 20.7/18

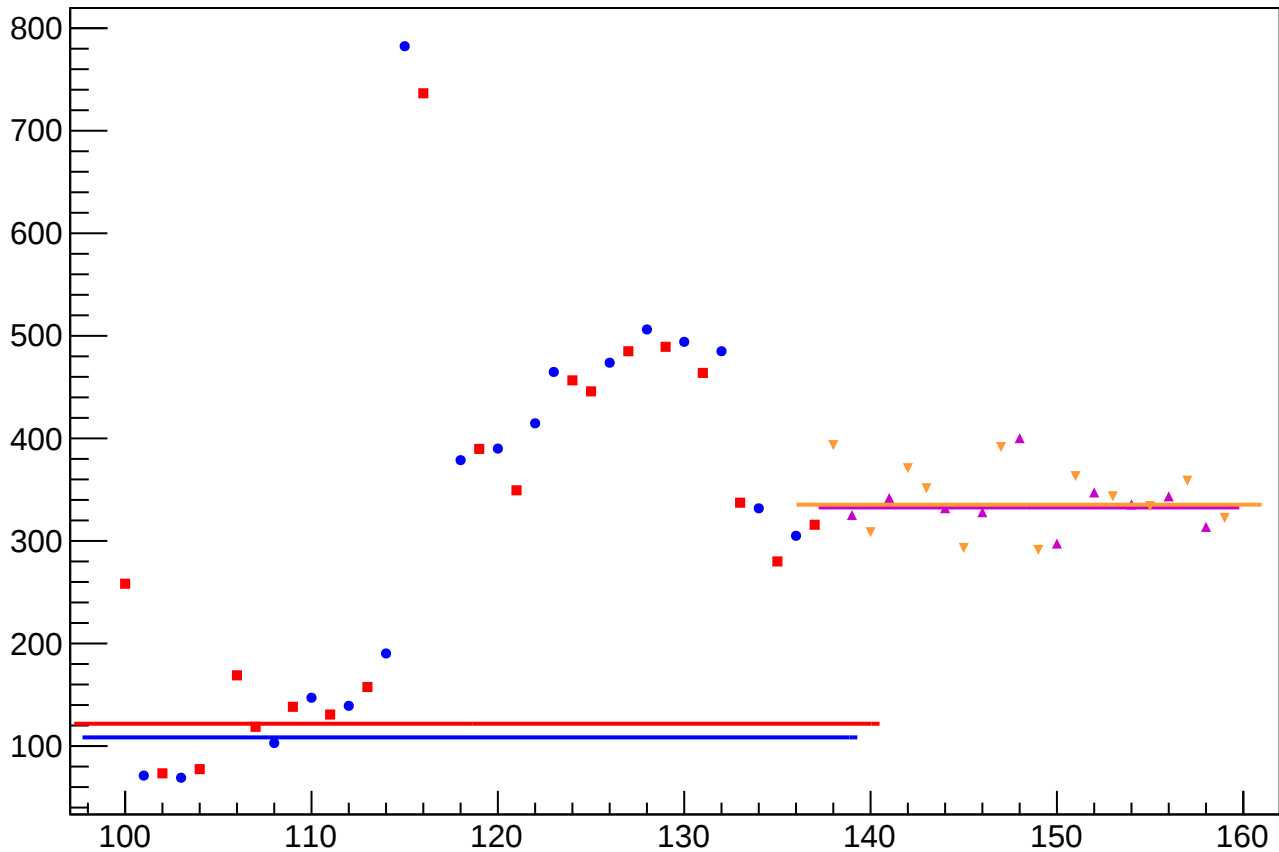
Left In: -228.513 ± 116.498 χ^2/NDF : 15.0/9

+ sign -56.516 ± 48.861 χ^2/NDF : 34.1/28

All: -48.184 ± 35.232 χ^2/NDF : 73.1/57

- sign -39.161 ± 50.848 χ^2/NDF : 38.9/28

asym_sam_15_avg_correction_rms vs Slug



Right In: 108.445 $\pm$ 0.038 χ^2/NDF : 5404107.9/16

Left Out: 335.364 $\pm$ 0.079 χ^2/NDF : 174638.2/11

Right Out: 121.765 $\pm$ 0.040 χ^2/NDF : 4771024.2/18

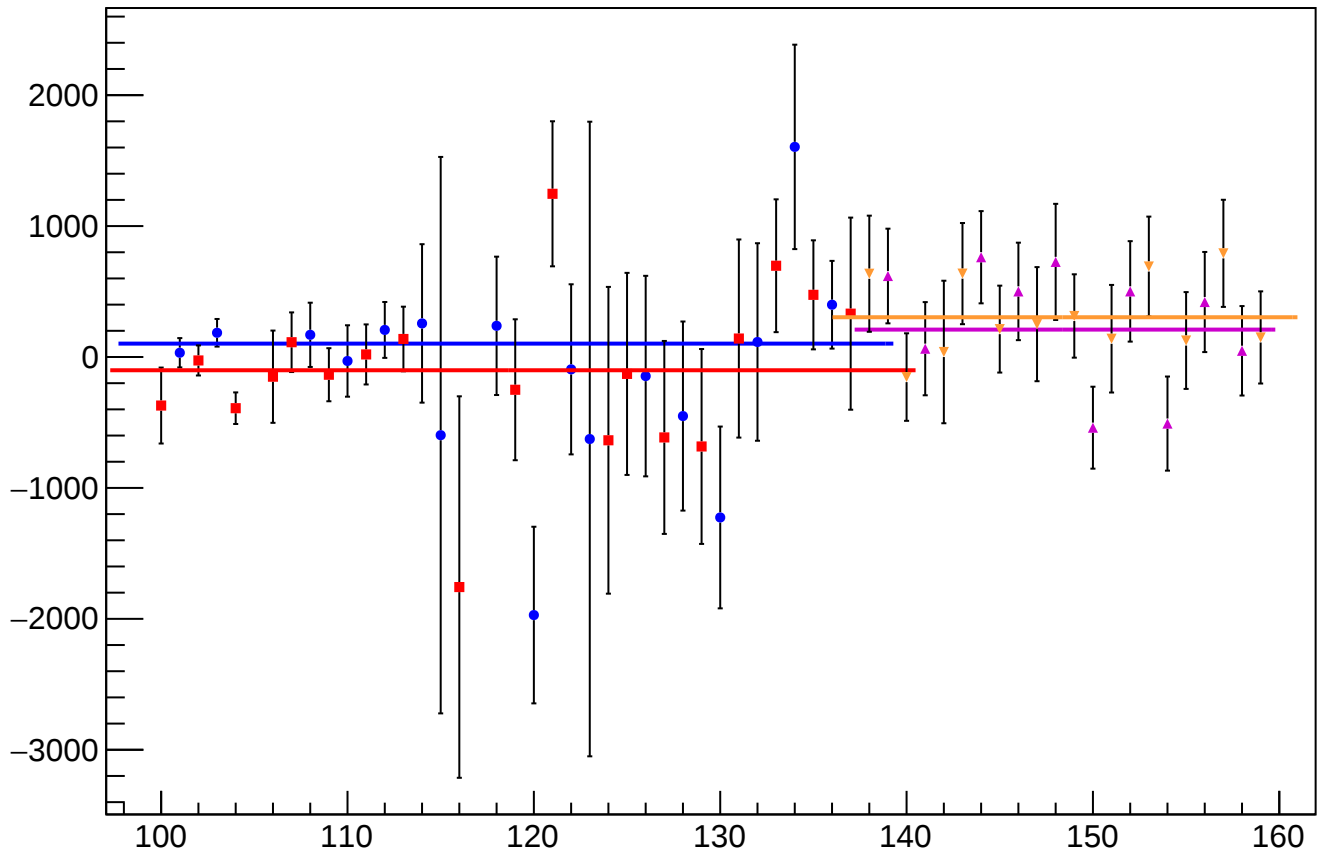
Left In: 332.650 $\pm$ 0.082 χ^2/NDF : 82314.5/9

+ sign 151.519 $\pm$ 0.035 χ^2/NDF : 12212647.3/28

All: 156.522 $\pm$ 0.025 χ^2/NDF : 22414775.6/57

- sign 161.940 $\pm$ 0.036 χ^2/NDF : 10158448.9/28

asym_sam_15_avg_mean vs Slug



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 303.670 $\pm$ 110.104 χ^2 /NDF: 6.5/11

Right Out: -101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

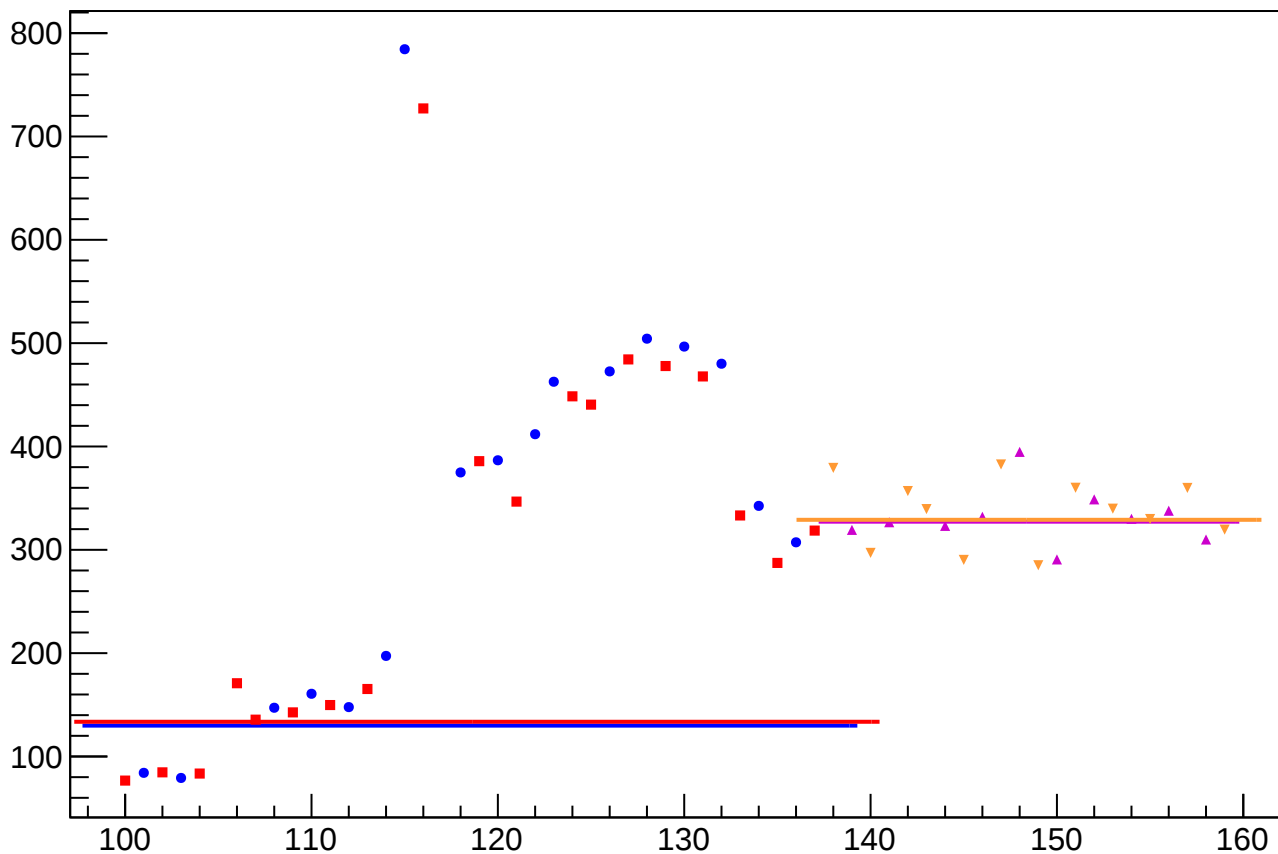
Left In: 209.271 $\pm$ 114.663 χ^2 /NDF: 16.7/9

+ sign 152.059 $\pm$ 54.765 χ^2 /NDF: 29.3/28

All: 57.783 $\pm$ 38.360 χ^2 /NDF: 80.2/57

- sign -33.022 $\pm$ 53.747 χ^2 /NDF: 45.1/28

asym_sam_15_avg_rms vs Slug



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 329.045 $\pm$ 0.078 χ^2 /NDF: 172197.0/11

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

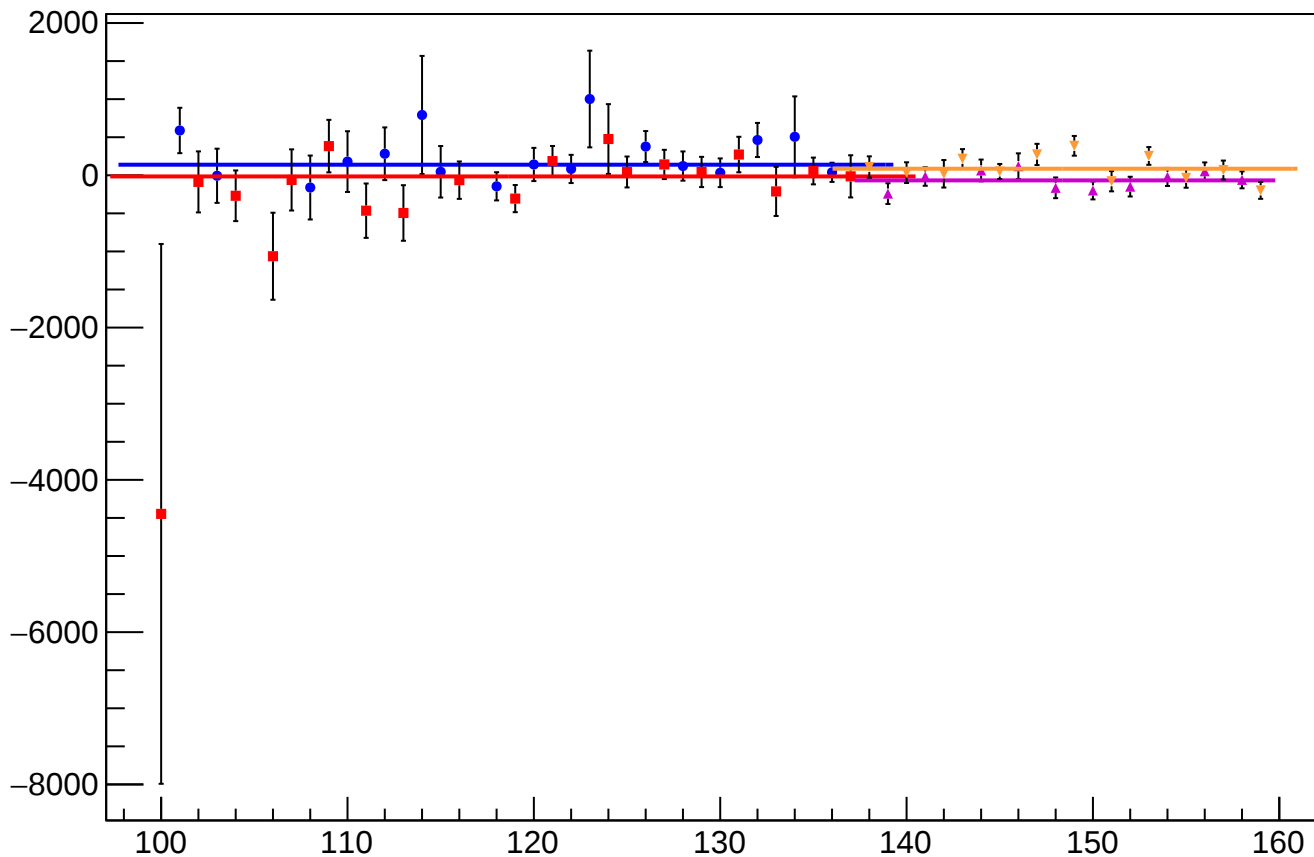
Left In: 327.243 $\pm$ 0.081 χ^2 /NDF: 88293.0/9

+ sign 179.156 $\pm$ 0.039 χ^2 /NDF: 9926604.0/28

All: 177.625 $\pm$ 0.027 χ^2 /NDF: 18831943.9/57

- sign 176.150 $\pm$ 0.038 χ^2 /NDF: 8902271.7/28

dit_asym_sam_26_avg_mean vs Slug



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 86.363 $\pm$ 36.585 χ^2 /NDF:19.8/11

Right Out: -14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

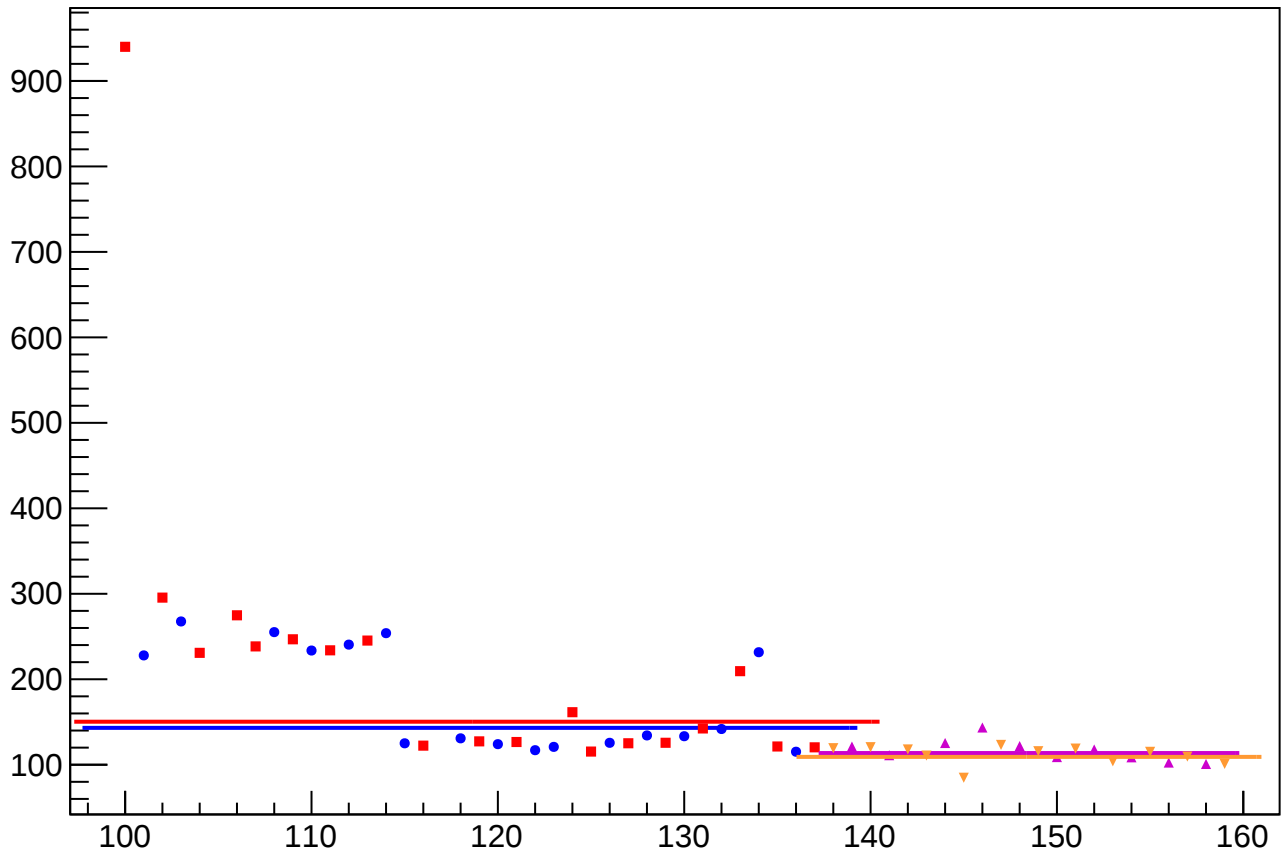
Left In: -66.936 $\pm$ 40.214 χ^2 /NDF:7.2/9

+ sign 101.378 $\pm$ 30.940 χ^2 /NDF: 33.4/28

All: 31.130 $\pm$ 22.706 χ^2 /NDF: 70.4/57

- sign -50.854 $\pm$ 33.425 χ^2 /NDF: 25.8/28

dit_asym_sam_26_avg_rms vs Slug



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 109.179 $\pm$ 0.026 χ^2 /NDF: 206364.9/11

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

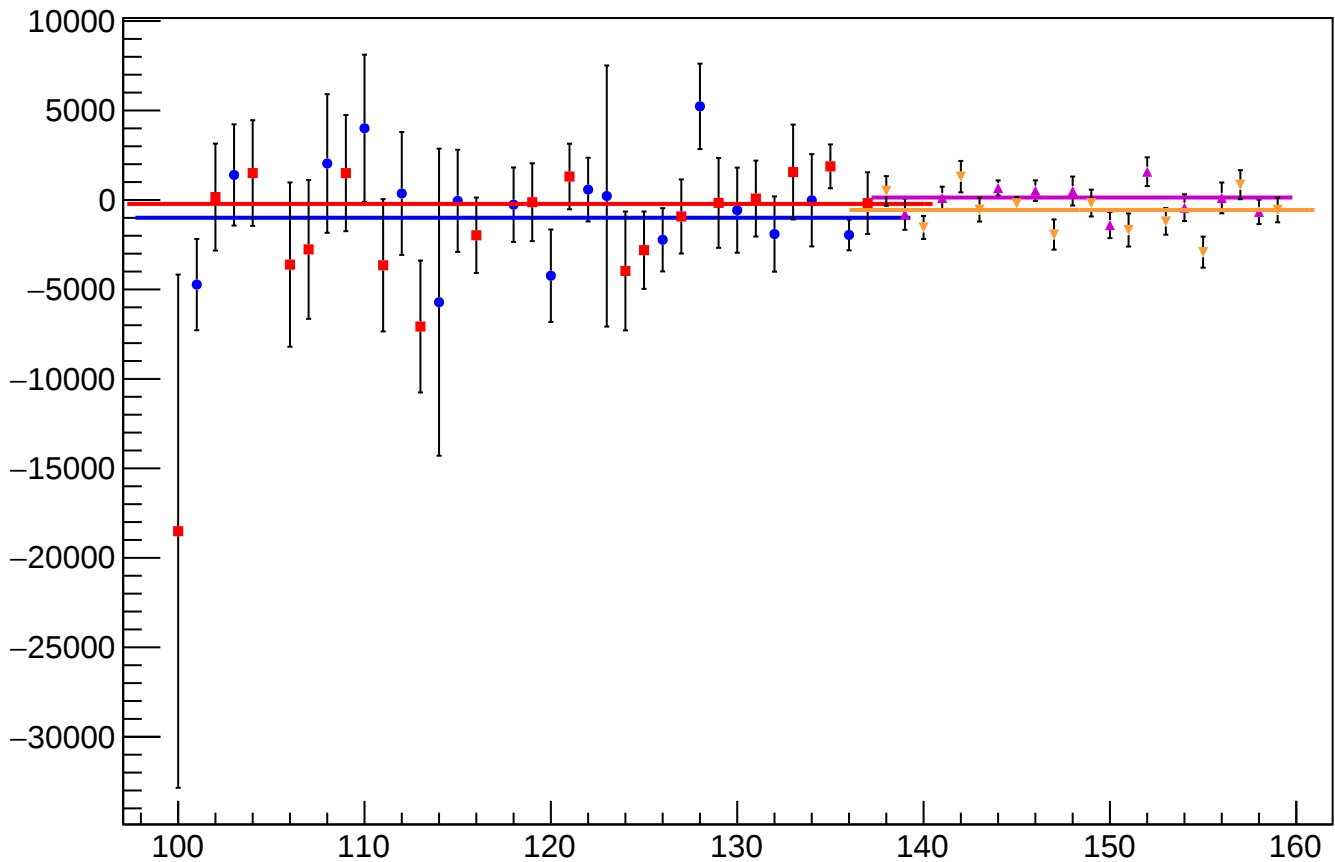
Left In: 113.674 $\pm$ 0.028 χ^2 /NDF: 144204.1/9

+ sign 118.850 $\pm$ 0.022 χ^2 /NDF: 1798371.9/28

All: 121.691 $\pm$ 0.016 χ^2 /NDF: 3925034.6/57

- sign 125.007 $\pm$ 0.024 χ^2 /NDF: 2090108.6/28

asym_sam_26_avg_correction_mean vs Slug



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -561.867+/-194.167 χ^2/NDF : 25.0/11

Right Out: -221.353+/-543.431 χ^2/NDF : 15.2/18

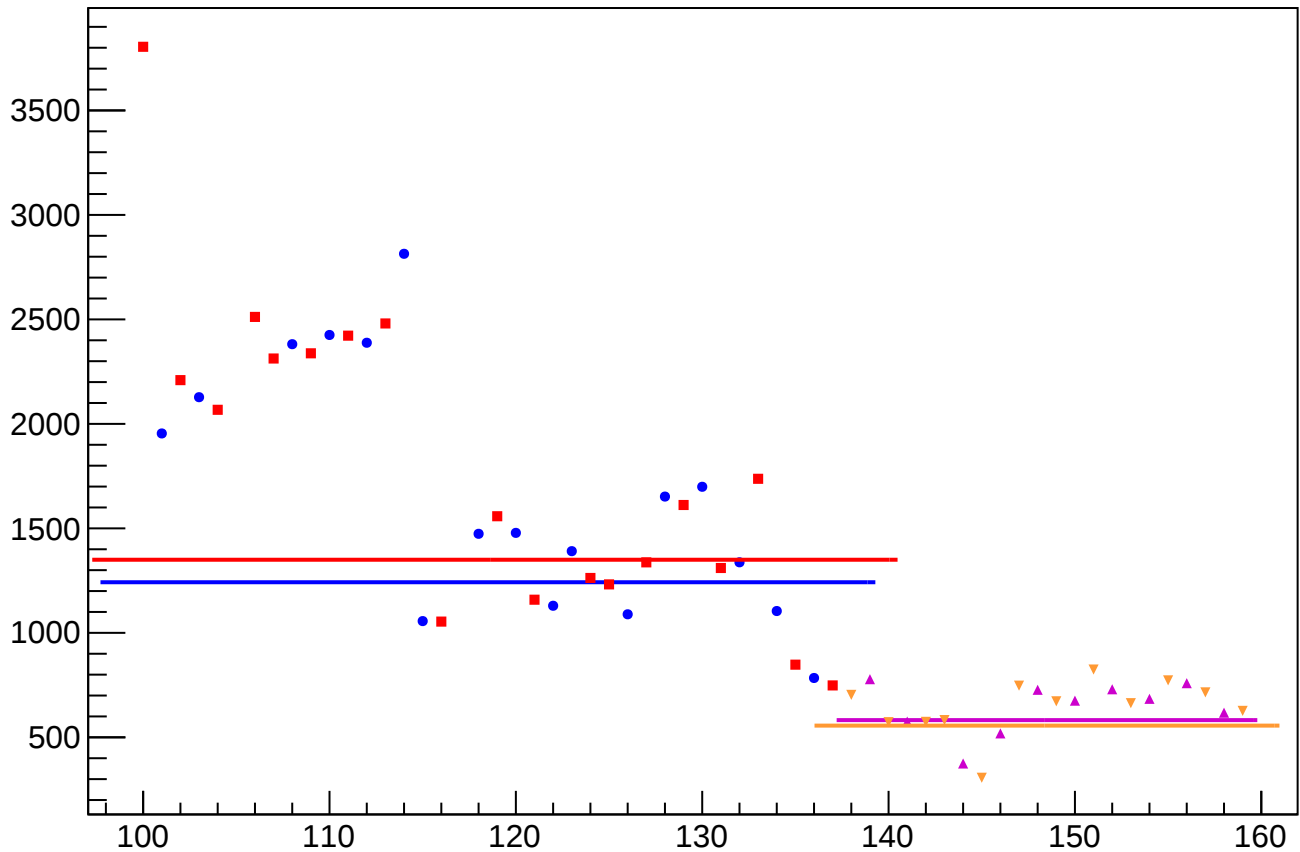
Left In: 135.900+/-209.491 χ^2/NDF : 13.1/9

+ sign -615.355+/-181.747 χ^2/NDF : 42.6/28

All: -288.452+/-133.102 χ^2/NDF : 78.2/57

- sign 89.679+/-195.470 χ^2/NDF : 28.6/28

asym_sam_26_avg_correction_rms vs Slug



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 556.086 $\pm$ 0.137 χ^2 /NDF:1647194.9/11

Right Out: 1349.870 $\pm$ 0.384 χ^2 /NDF: 1867853.5/18

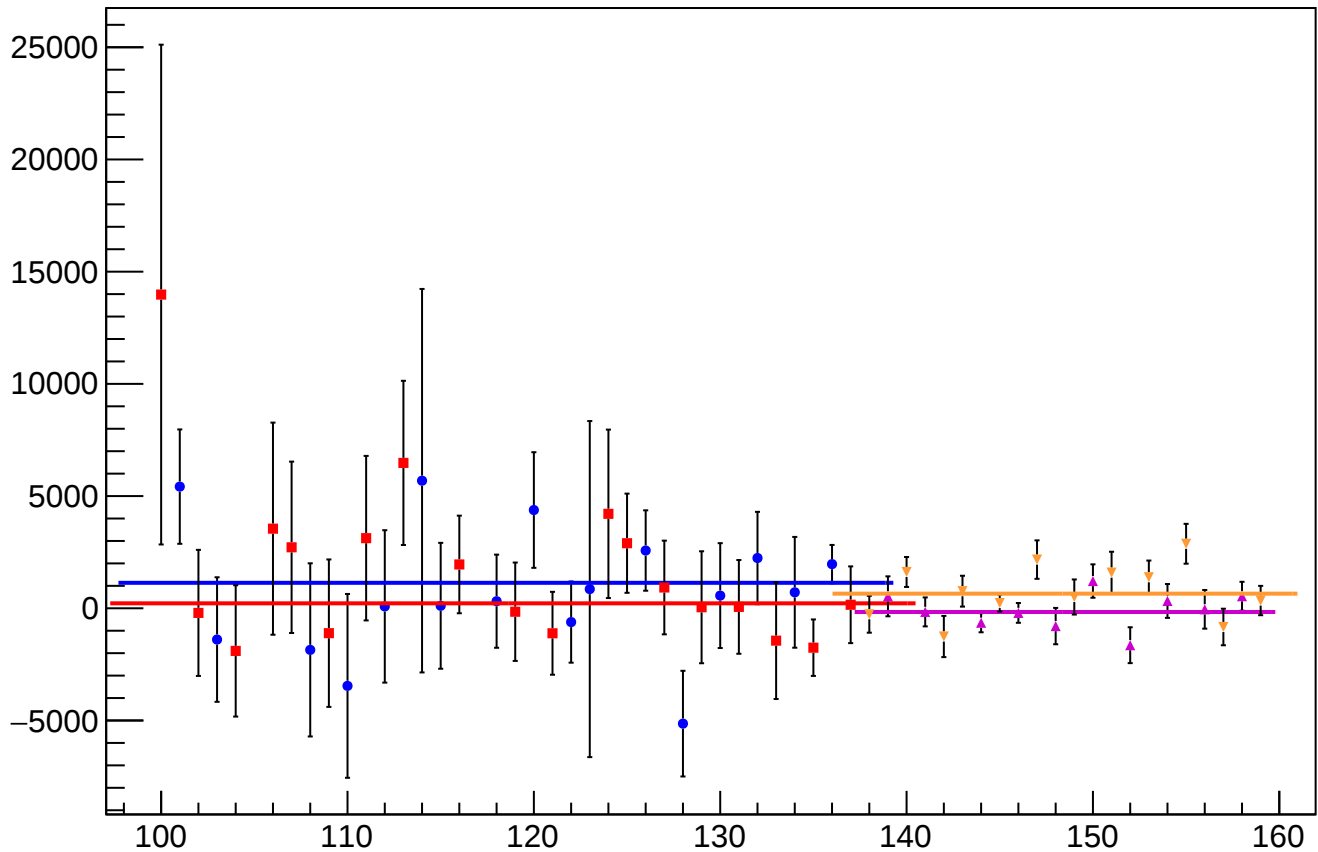
Left In: 582.378 $\pm$ 0.148 χ^2 /NDF:904117.7/9

+ sign 641.050 $\pm$ 0.129 χ^2 /NDF: 6507001.2/28

All: 659.887 $\pm$ 0.094 χ^2 /NDF: 12798417.9/57

- sign 681.676 $\pm$ 0.138 χ^2 /NDF: 6245079.3/28

asym_sam_26_avg_mean vs Slug



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 651.726 $\pm$ 199.972 χ^2 /NDF: 23.9/11

Right Out: 220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

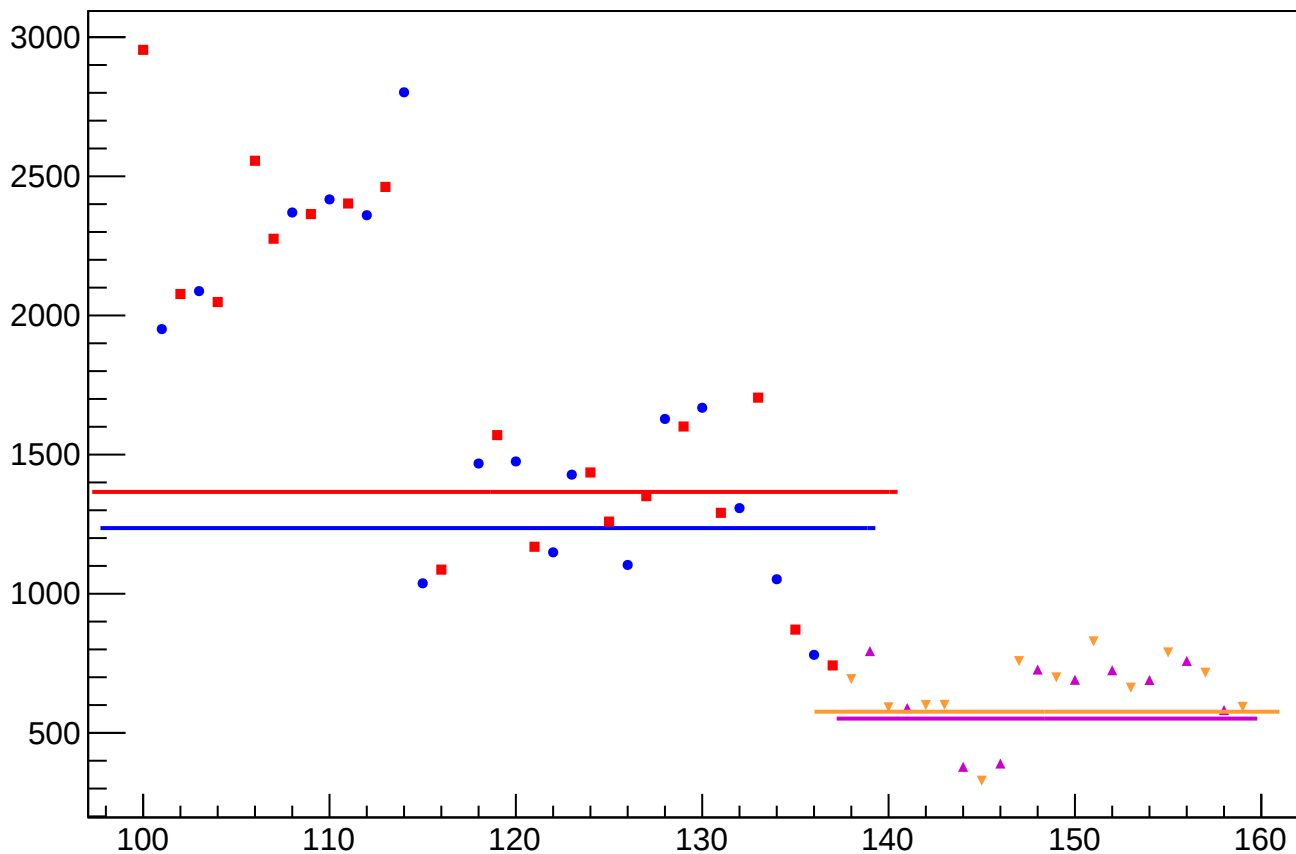
Left In: -165.756 $\pm$ 200.989 χ^2 /NDF: 11.0/9

+ sign 715.337 $\pm$ 186.354 χ^2 /NDF: 42.4/28

All: 302.921 $\pm$ 132.586 χ^2 /NDF: 77.3/57

- sign -119.847 $\pm$ 188.678 χ^2 /NDF: 24.9/28

asym_sam_26_avg_rms vs Slug



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 576.079+/-0.141 χ^2/NDF :1383684.8/11

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

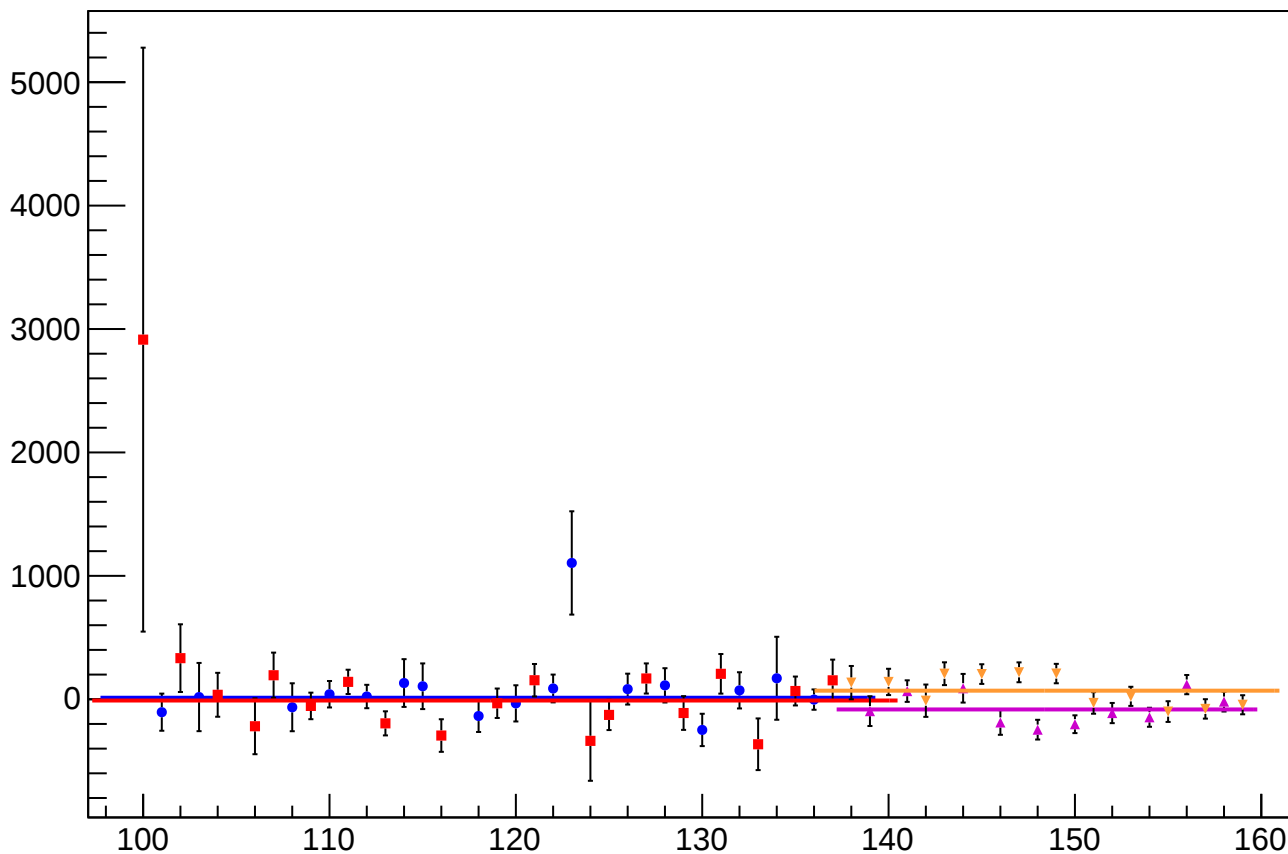
Left In: 551.447+/-0.142 χ^2/NDF :1202338.6/9

+ sign 662.893+/-0.132 χ^2/NDF : 5994452.7/28

All: 655.622+/-0.094 χ^2/NDF : 12853257.9/57

- sign 648.167+/-0.133 χ^2/NDF : 6852638.3/28

dit_asym_sam_37_avg_mean vs Slug



Right In: 12.308 ± 33.228 χ^2/NDF : 15.4/16

Left Out: 69.623 ± 25.312 χ^2/NDF : 24.1/11

Right Out: -10.036 ± 32.603 χ^2/NDF : 28.3/18

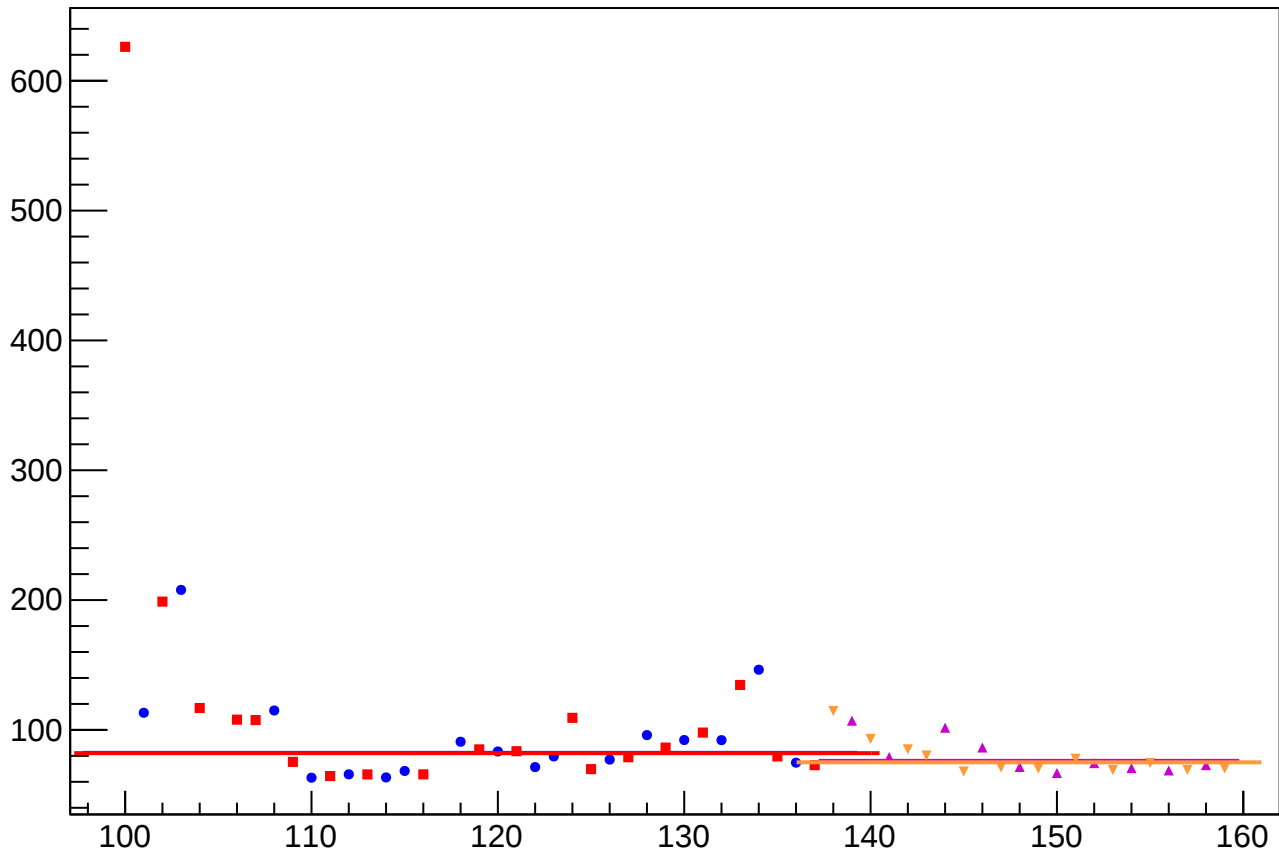
Left In: -82.491 ± 27.118 χ^2/NDF : 21.2/9

+ sign 48.577 ± 20.135 χ^2/NDF : 41.3/28

All: -0.377 ± 14.483 χ^2/NDF : 106.0/57

- sign -52.862 ± 20.849 χ^2/NDF : 52.4/28

dit_asym_sam_37_avg_rms vs Slug



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 75.029+/-0.018 χ^2/NDF : 307056.4/11

Right Out: 82.091+/-0.023 χ^2/NDF : 959008.5/18

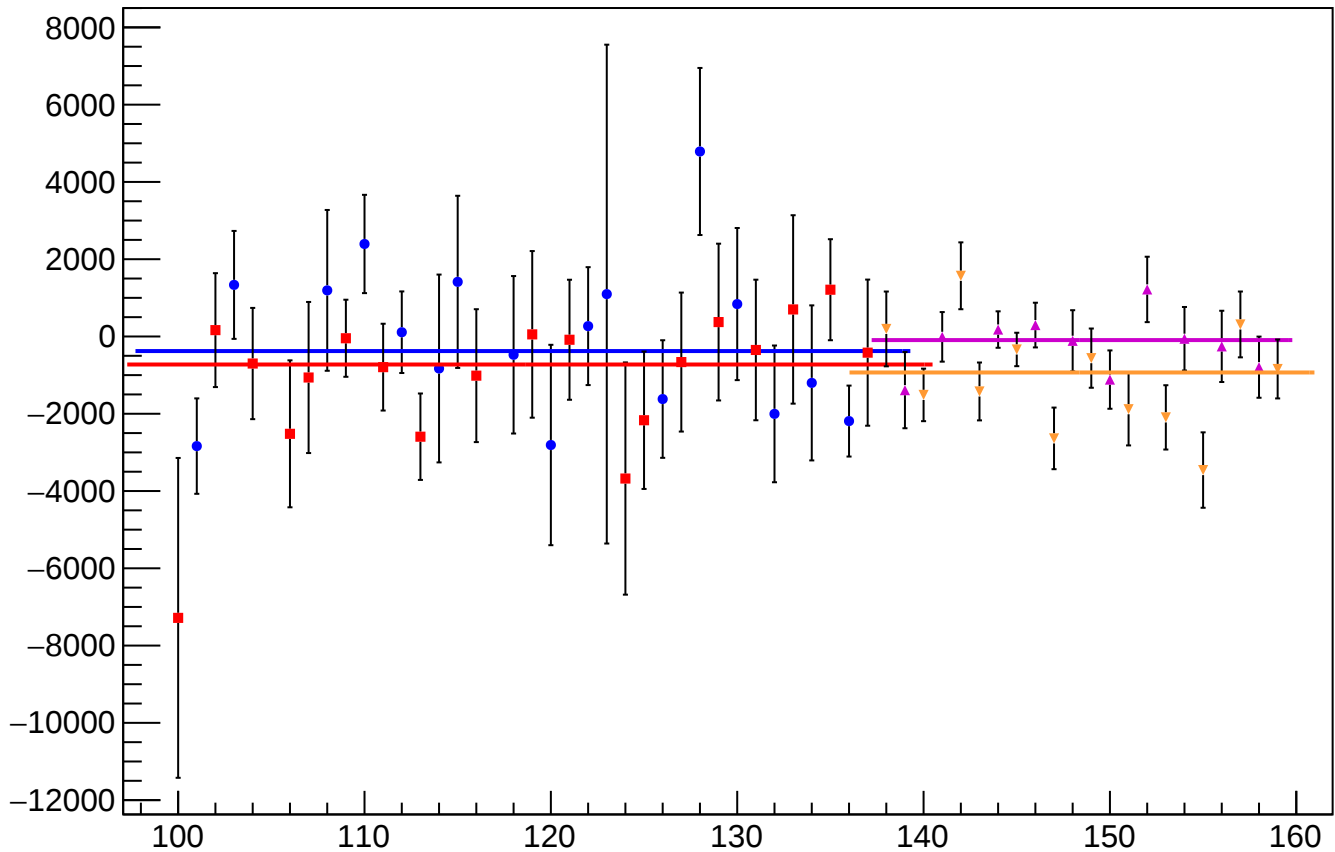
Left In: 76.144+/-0.019 χ^2/NDF : 325535.0/9

+ sign 77.701+/-0.014 χ^2/NDF : 1236504.7/28

All: 78.123+/-0.010 χ^2/NDF : 2562196.1/57

- sign 78.576+/-0.015 χ^2/NDF : 1323867.9/28

asym_sam_37_avg_correction_mean vs Slug



Right In: -377.330 $\pm$ 383.897 χ^2/NDF : 24.5/16

Left Out: -931.602 $\pm$ 214.684 χ^2/NDF : 29.4/11

Right Out: -725.204 $\pm$ 367.170 χ^2/NDF : 11.9/18

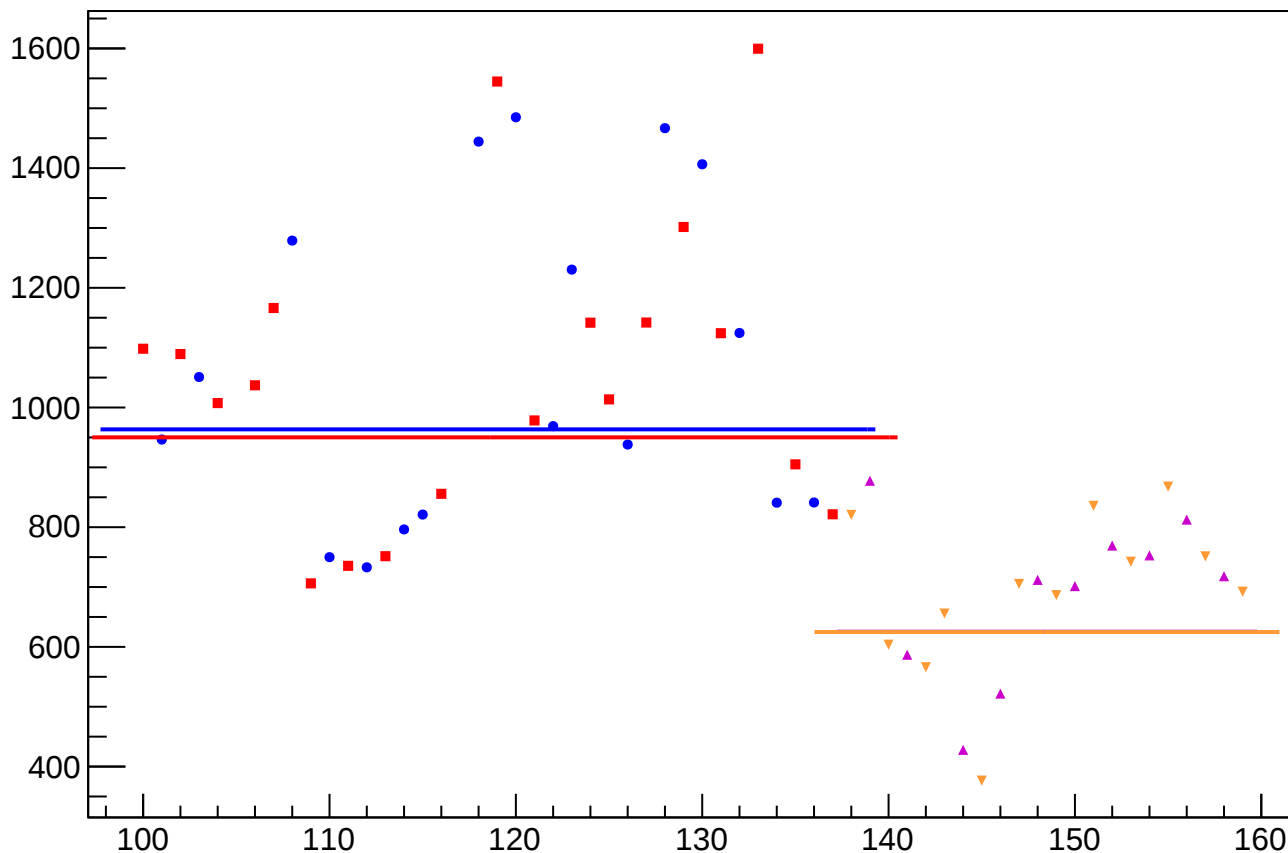
Left In: -93.216 $\pm$ 223.965 χ^2/NDF : 7.6/9

+ sign -799.558 $\pm$ 187.375 χ^2/NDF : 55.4/28

All: -537.483 $\pm$ 133.827 χ^2/NDF : 81.1/57

- sign -264.594 $\pm$ 191.202 χ^2/NDF : 21.6/28

asym_sam_37_avg_correction_rms vs Slug



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 624.823 $\pm$ 0.152 χ^2 /NDF:1113015.3/11

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

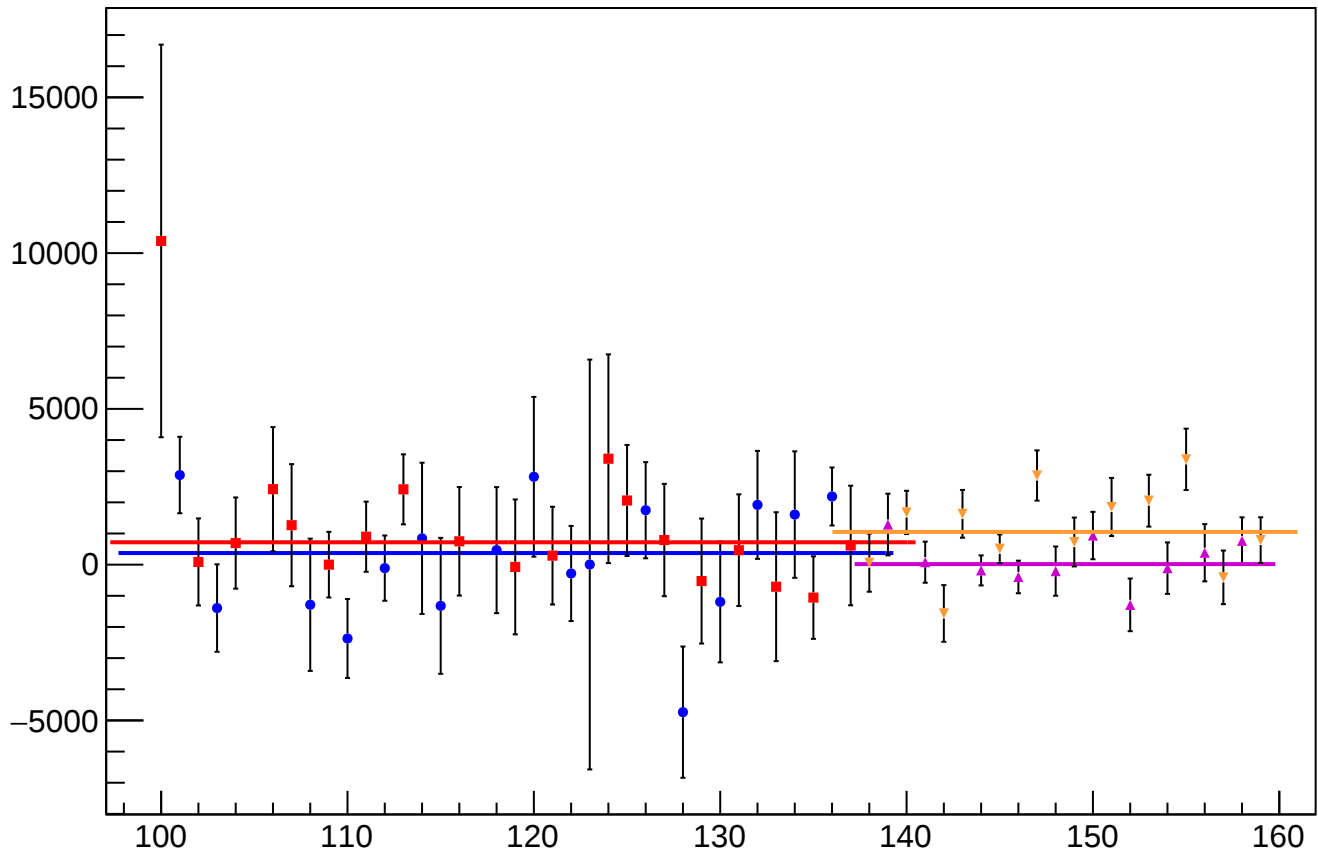
Left In: 625.368 $\pm$ 0.158 χ^2 /NDF:812439.7/9

+ sign 705.498 $\pm$ 0.132 χ^2 /NDF: 2987429.4/28

All: 709.385 $\pm$ 0.095 χ^2 /NDF: 5673904.3/57

- sign 713.433 $\pm$ 0.135 χ^2 /NDF: 2684717.9/28

asym_sam_37_avg_mean vs Slug



Right In: 372.896 ± 383.661 χ^2/NDF : 25.3/16

Left Out: 1050.605 ± 218.810 χ^2/NDF : 28.1/11

Right Out: 717.404 ± 371.769 χ^2/NDF : 10.1/18

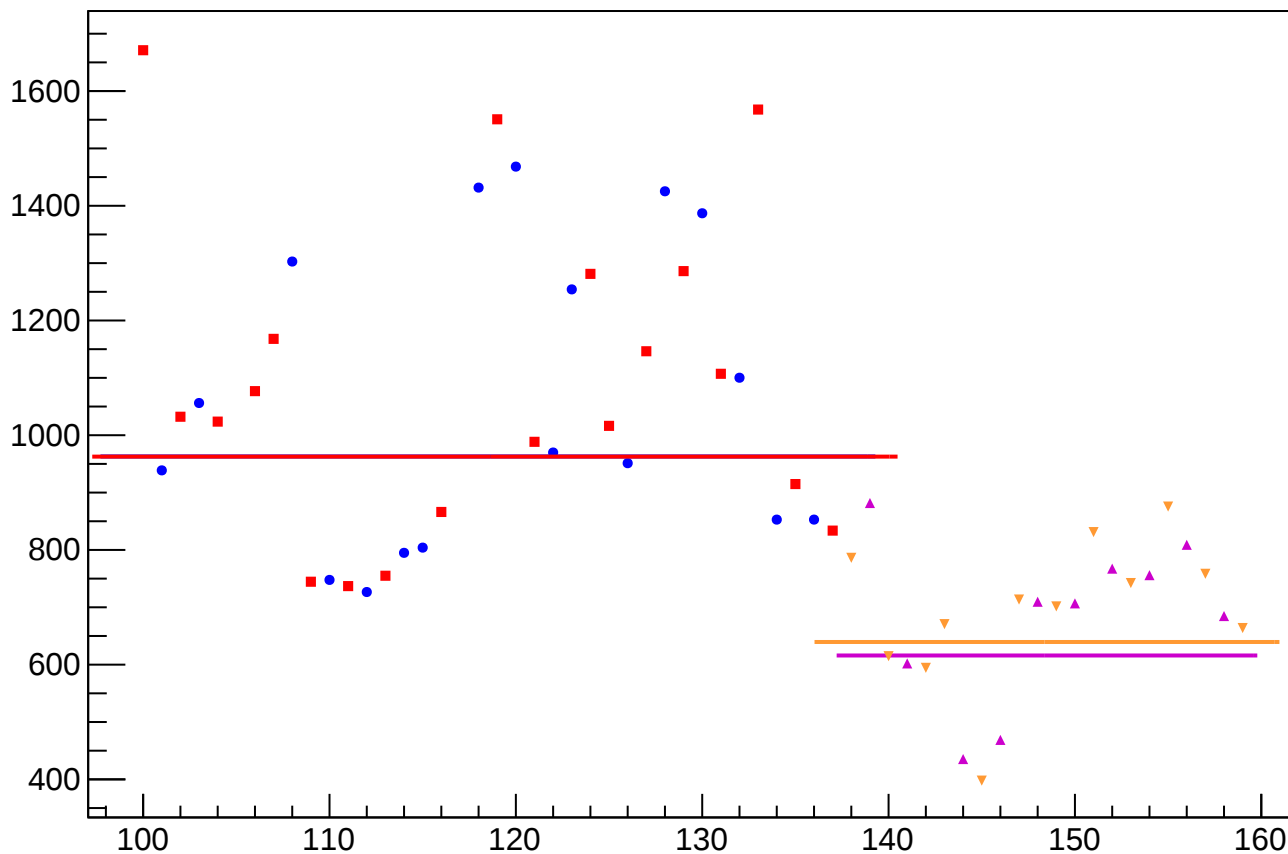
Left In: 17.539 ± 221.395 χ^2/NDF : 7.5/9

+ sign 884.272 ± 190.071 χ^2/NDF : 55.8/28

All: 542.786 ± 134.453 χ^2/NDF : 82.5/57

- sign 200.763 ± 190.220 χ^2/NDF : 20.3/28

asym_sam_37_avg_rms vs Slug



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 639.530+/-0.155 χ^2/NDF : 914538.6/11

Right Out: 962.693+/-0.263 χ^2/NDF : 696385.7/18

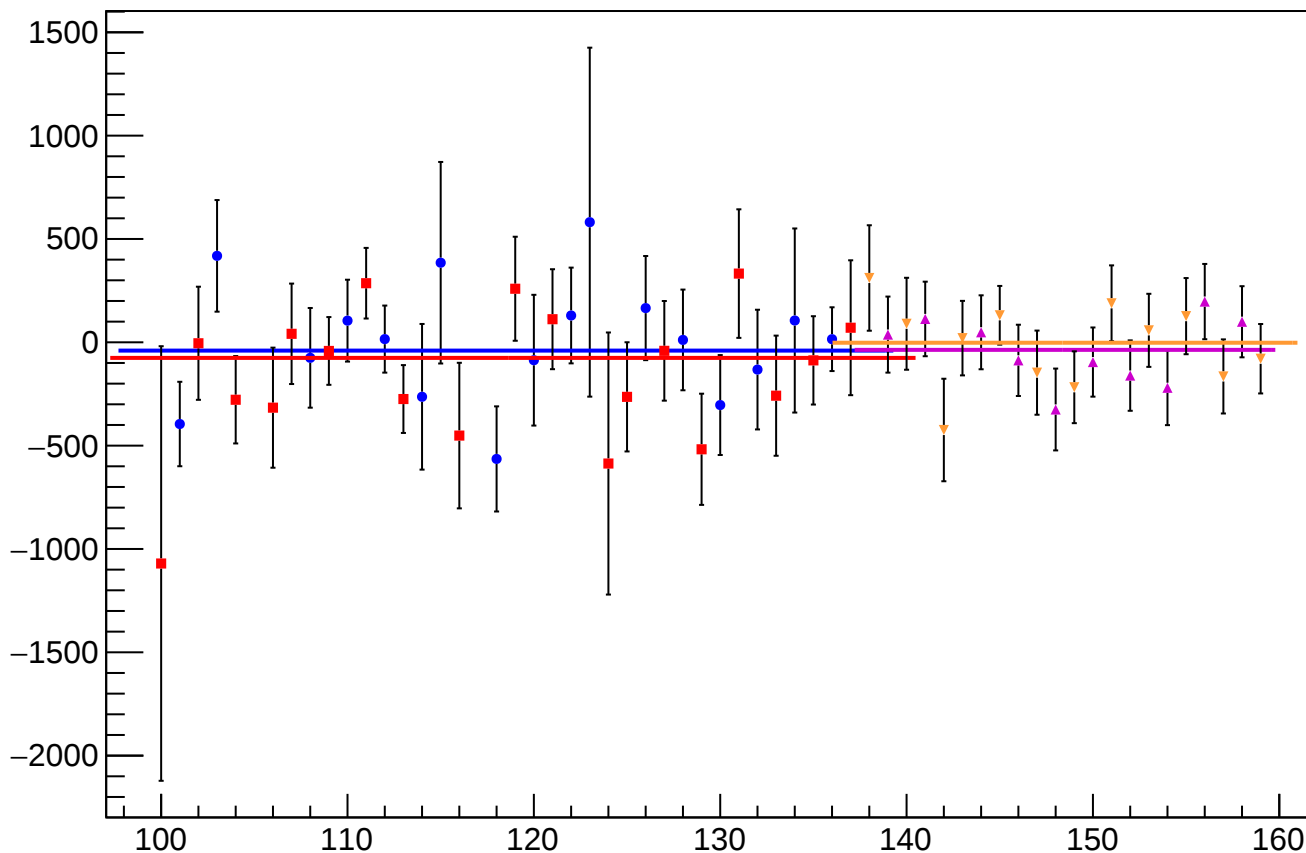
Left In: 615.978+/-0.157 χ^2/NDF : 866459.4/9

+ sign 718.913+/-0.134 χ^2/NDF : 2654615.0/28

All: 712.835+/-0.095 χ^2/NDF : 5505664.7/57

- sign 706.748+/-0.135 χ^2/NDF : 2846956.1/28

dit_asym_sam_48_avg_mean vs Slug



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: -2.089 ± 53.673 χ^2/NDF : 10.2/11

Right Out: -75.460 ± 56.233 χ^2/NDF : 18.5/18

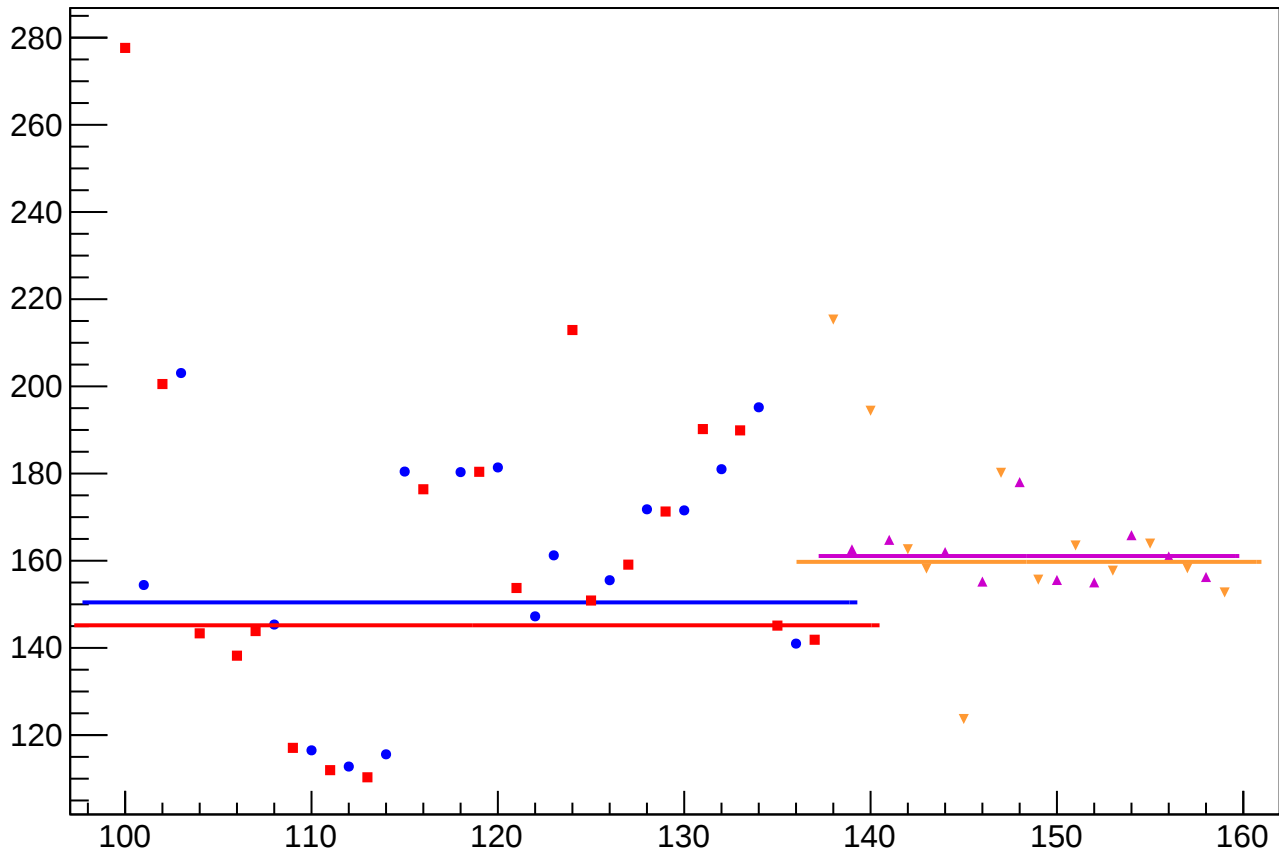
Left In: -36.602 ± 56.313 χ^2/NDF : 7.2/9

+ sign -19.229 ± 39.780 χ^2/NDF : 25.8/28

All: -37.639 ± 28.133 χ^2/NDF : 52.2/57

- sign -56.059 ± 39.791 χ^2/NDF : 26.0/28

dit_asym_sam_48_avg_rms vs Slug



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 159.742 $\pm$ 0.038 χ^2 /NDF: 299805.3/11

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

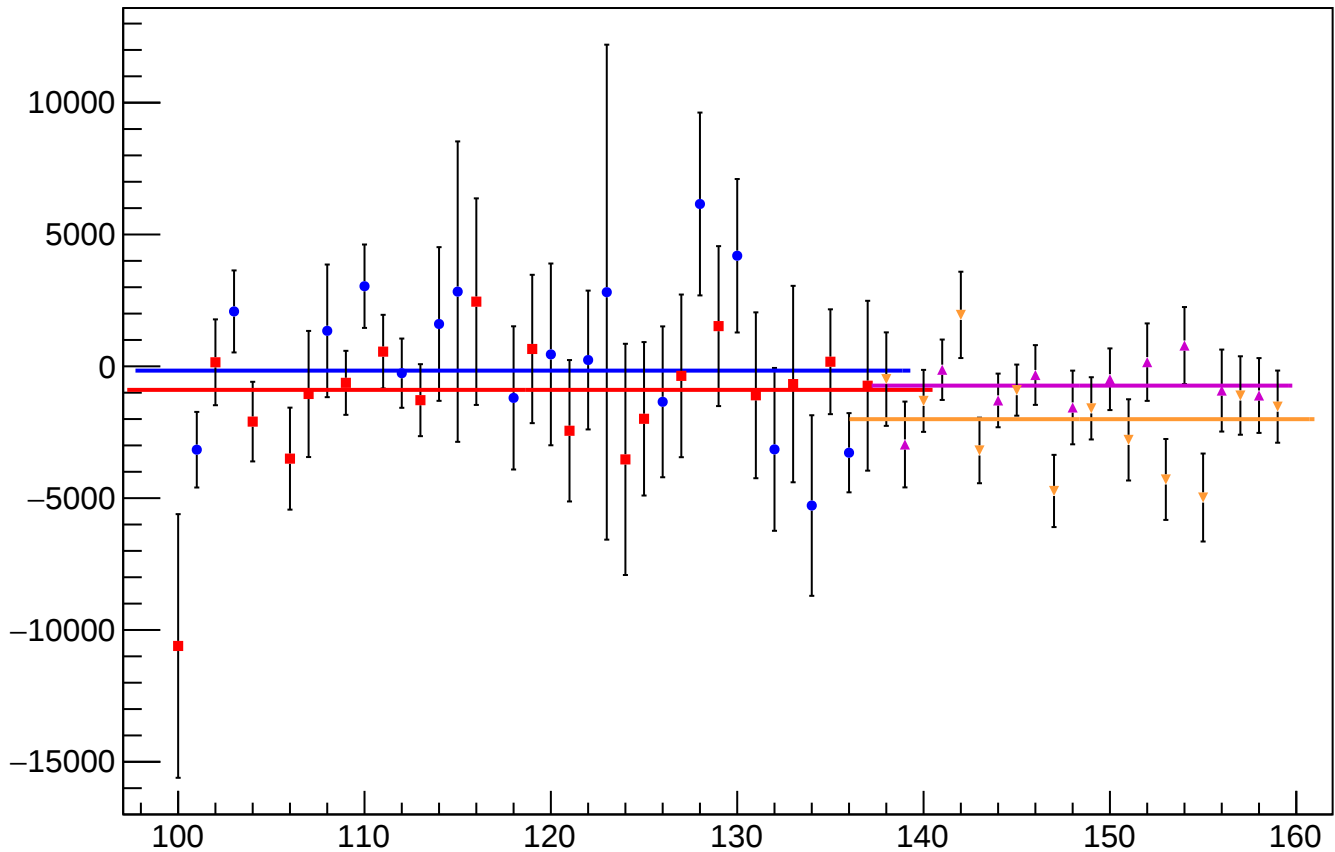
Left In: 161.079 $\pm$ 0.040 χ^2 /NDF: 25651.5/9

+ sign 155.550 $\pm$ 0.028 χ^2 /NDF: 726988.1/28

All: 154.336 $\pm$ 0.020 χ^2 /NDF: 1371820.5/57

- sign 153.122 $\pm$ 0.028 χ^2 /NDF: 641106.8/28

asym_sam_48_avg_correction_mean vs Slug



Right In: -162.807 ± 533.165 χ^2/NDF : 25.1/16

Left Out: -2004.495 ± 390.214 χ^2/NDF : 19.3/11

Right Out: -893.137 ± 484.322 χ^2/NDF : 10.7/18

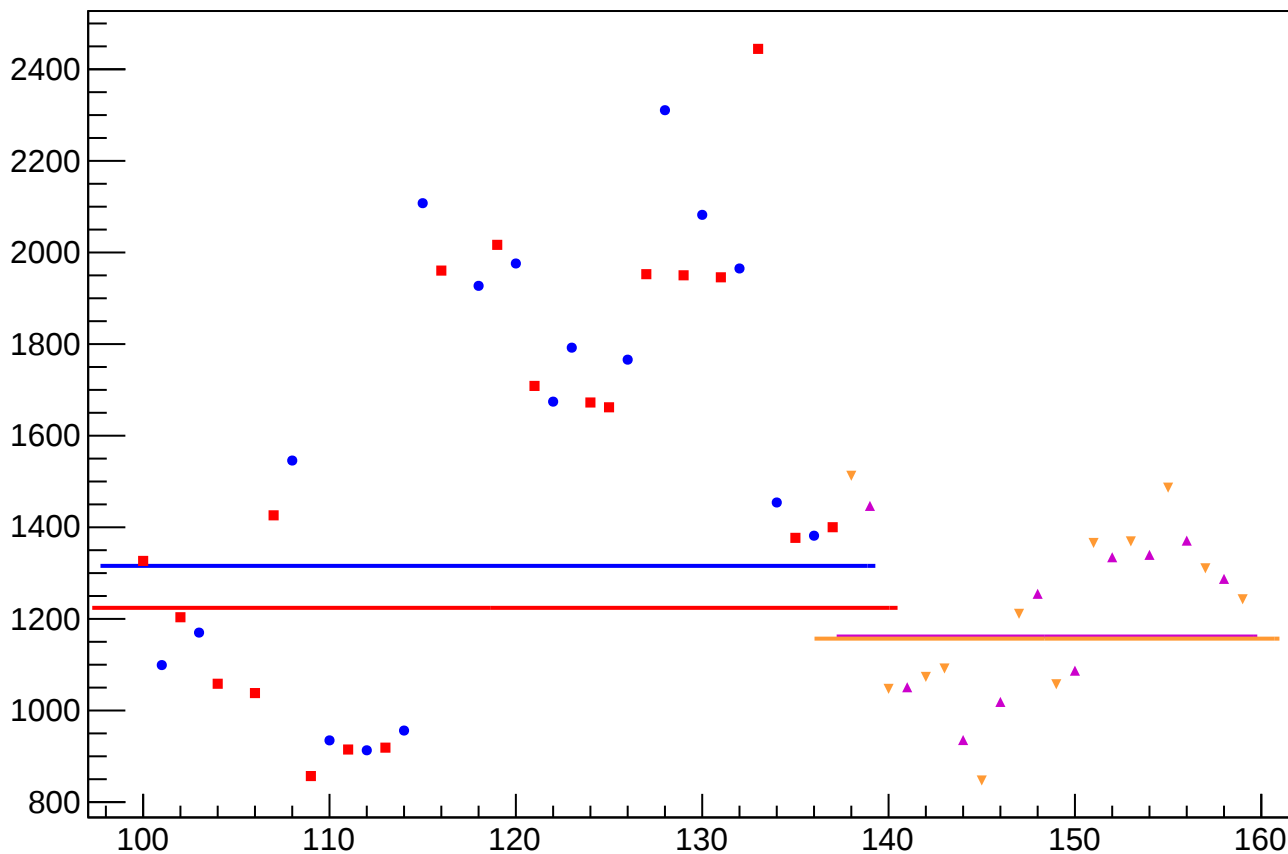
Left In: -731.853 ± 409.254 χ^2/NDF : 4.5/9

+ sign -1362.094 ± 314.888 χ^2/NDF : 52.2/28

All: -1078.510 ± 221.845 χ^2/NDF : 69.1/57

- sign -799.041 ± 312.596 χ^2/NDF : 15.3/28

asym_sam_48_avg_correction_rms vs Slug



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1156.923+/-0.276 χ^2/NDF : 512395.3/11

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

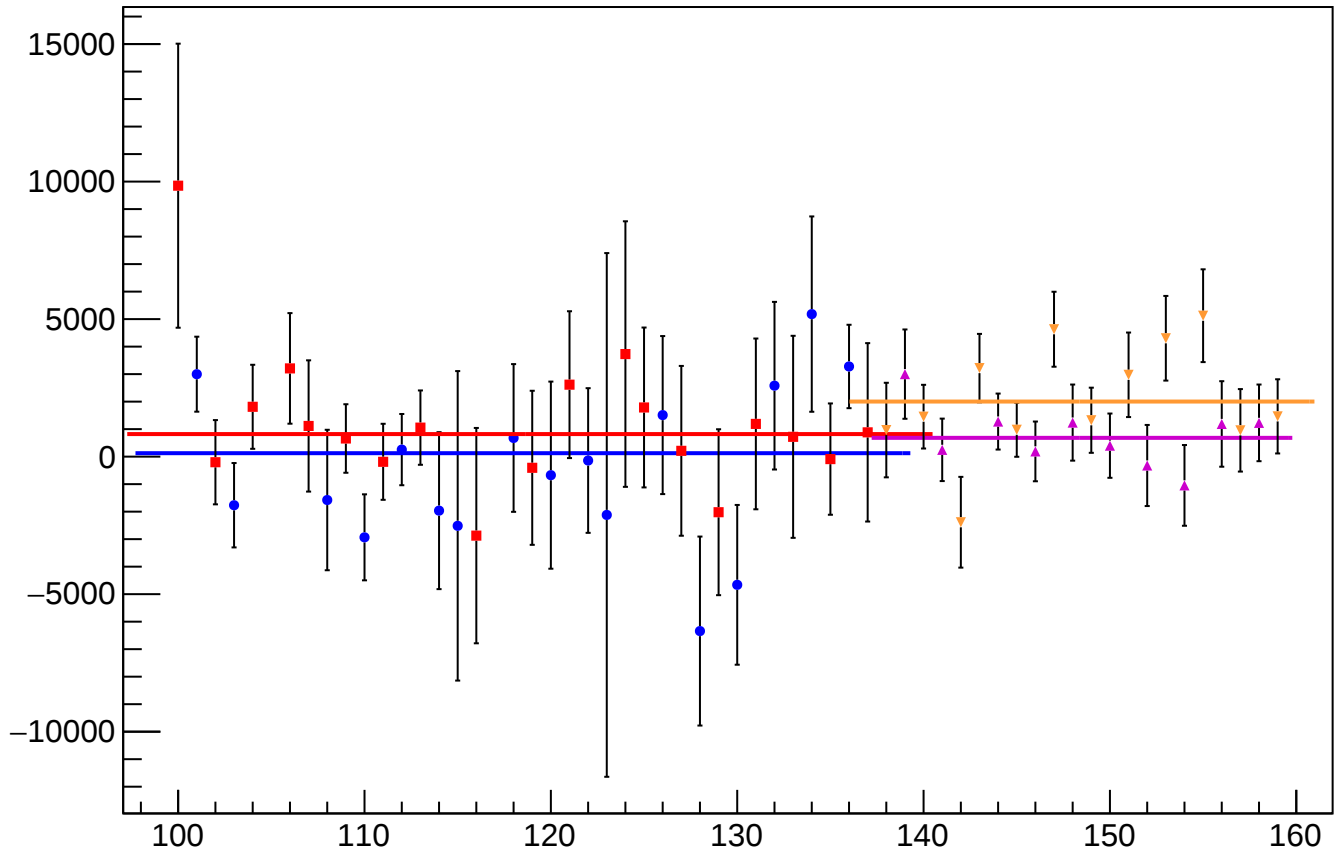
Left In: 1161.551+/-0.289 χ^2/NDF : 337158.2/9

+ sign 1212.335+/-0.223 χ^2/NDF : 1746367.2/28

All: 1199.892+/-0.157 χ^2/NDF : 3473121.5/57

- sign 1187.628+/-0.221 χ^2/NDF : 1720552.9/28

asym_sam_48_avg_mean vs Slug



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2003.072 $\pm$ 389.933 χ^2 /NDF:20.5/11

Right Out: 820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

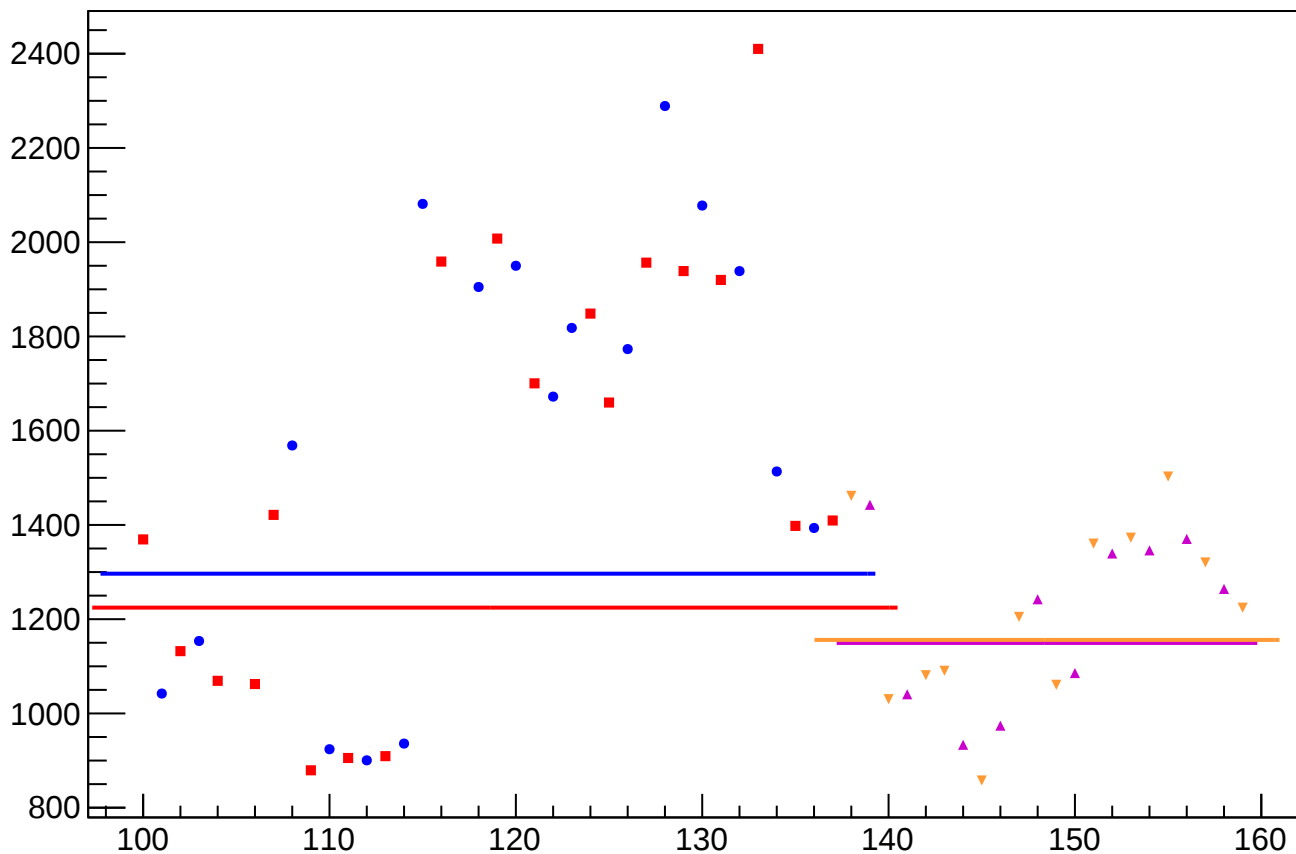
Left In: 683.052 $\pm$ 405.674 χ^2 /NDF:5.1/9

+ sign 1338.451 $\pm$ 313.416 χ^2 /NDF: 53.3/28

All: 1036.766 $\pm$ 220.789 χ^2 /NDF: 69.4/57

- sign 739.560 $\pm$ 311.081 χ^2 /NDF: 14.2/28

asym_sam_48_avg_rms vs Slug



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1156.048+/-0.276 χ^2/NDF : 485015.6/11

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

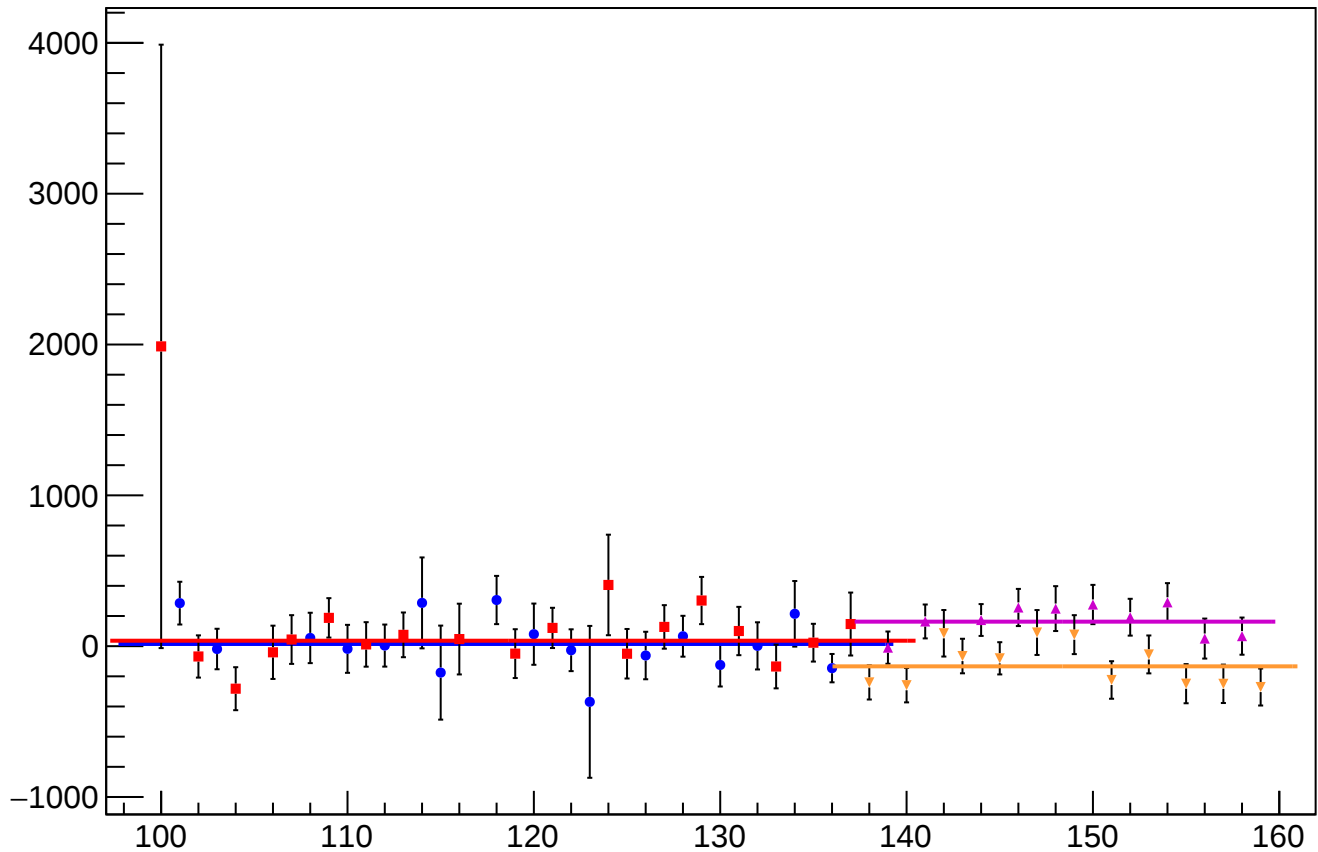
Left In: 1149.574+/-0.287 χ^2/NDF : 363772.3/9

+ sign 1205.788+/-0.222 χ^2/NDF : 1752421.8/28

All: 1193.033+/-0.156 χ^2/NDF : 3499197.1/57

- sign 1180.467+/-0.220 χ^2/NDF : 1740199.5/28

dit_asym_sam_15_dd_mean vs Slug



Right In: 14.577+/-38.017 χ^2/NDF : 14.2/16

Left Out: -133.794+/-35.775 χ^2/NDF : 13.4/11

Right Out: 36.133+/-36.722 χ^2/NDF : 15.5/18

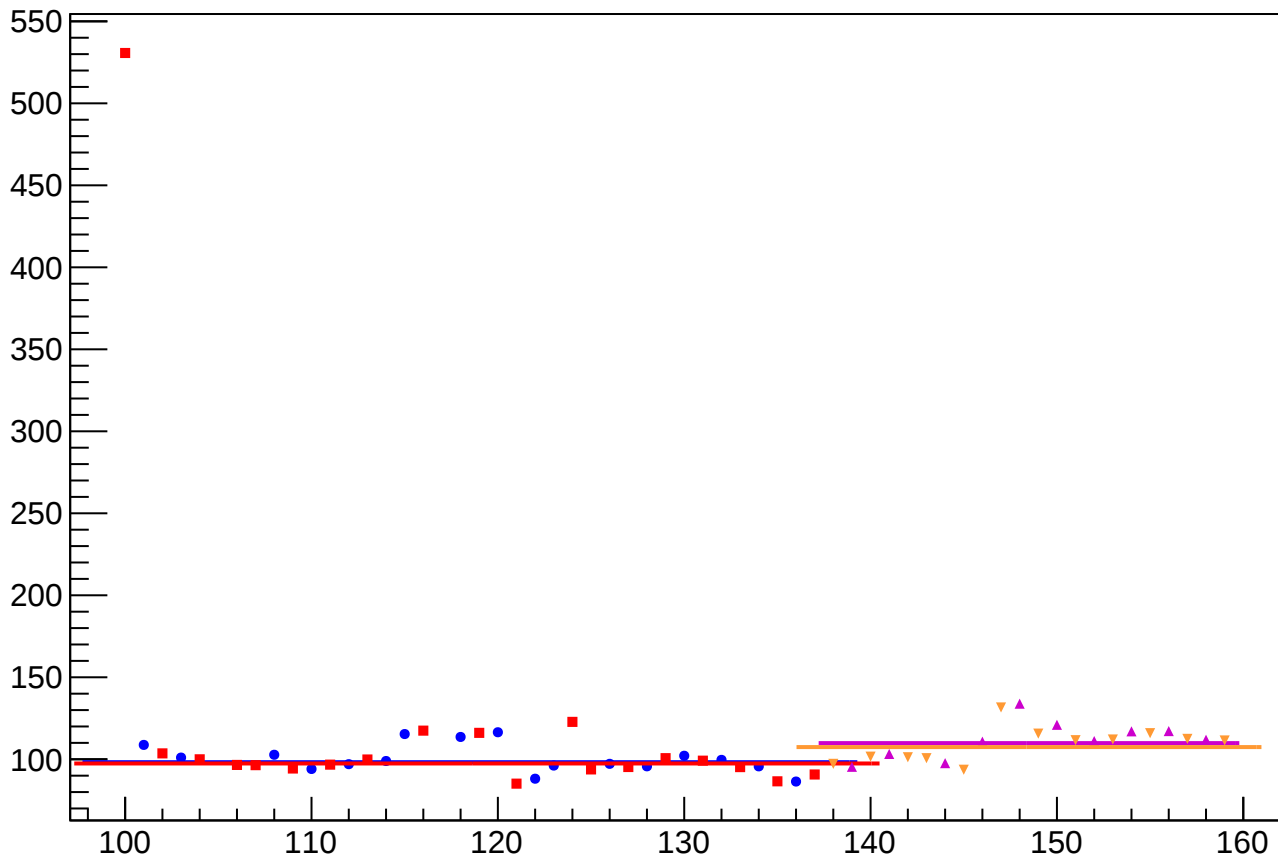
Left In: 162.508+/-38.405 χ^2/NDF : 6.7/9

+ sign -64.113+/-26.053 χ^2/NDF : 35.7/28

All: 14.698+/-18.592 χ^2/NDF : 82.1/57

- sign 96.490+/-26.541 χ^2/NDF : 27.8/28

dit_asym_sam_15_dd_rms vs Slug



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 107.434+/-0.025 χ^2/NDF : 144741.0/11

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

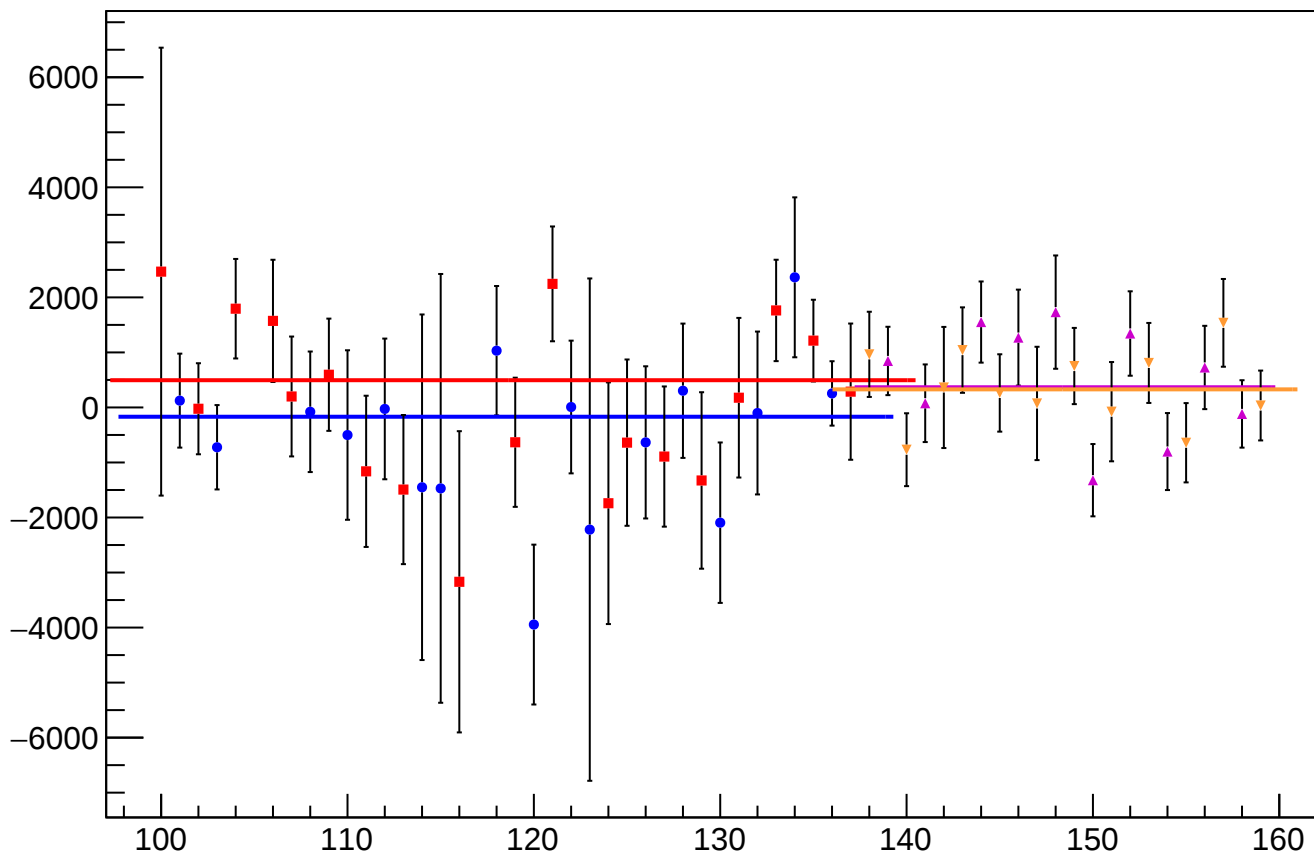
Left In: 109.857+/-0.027 χ^2/NDF : 150558.3/9

+ sign 103.106+/-0.018 χ^2/NDF : 307573.8/28

All: 103.235+/-0.013 χ^2/NDF : 757580.4/57

- sign 103.369+/-0.019 χ^2/NDF : 449907.0/28

asym_sam_15_dd_correction_mean vs Slug



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 328.469 ± 220.386 $\chi^2/\text{NDF}: 9.7/11$

Right Out: 494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

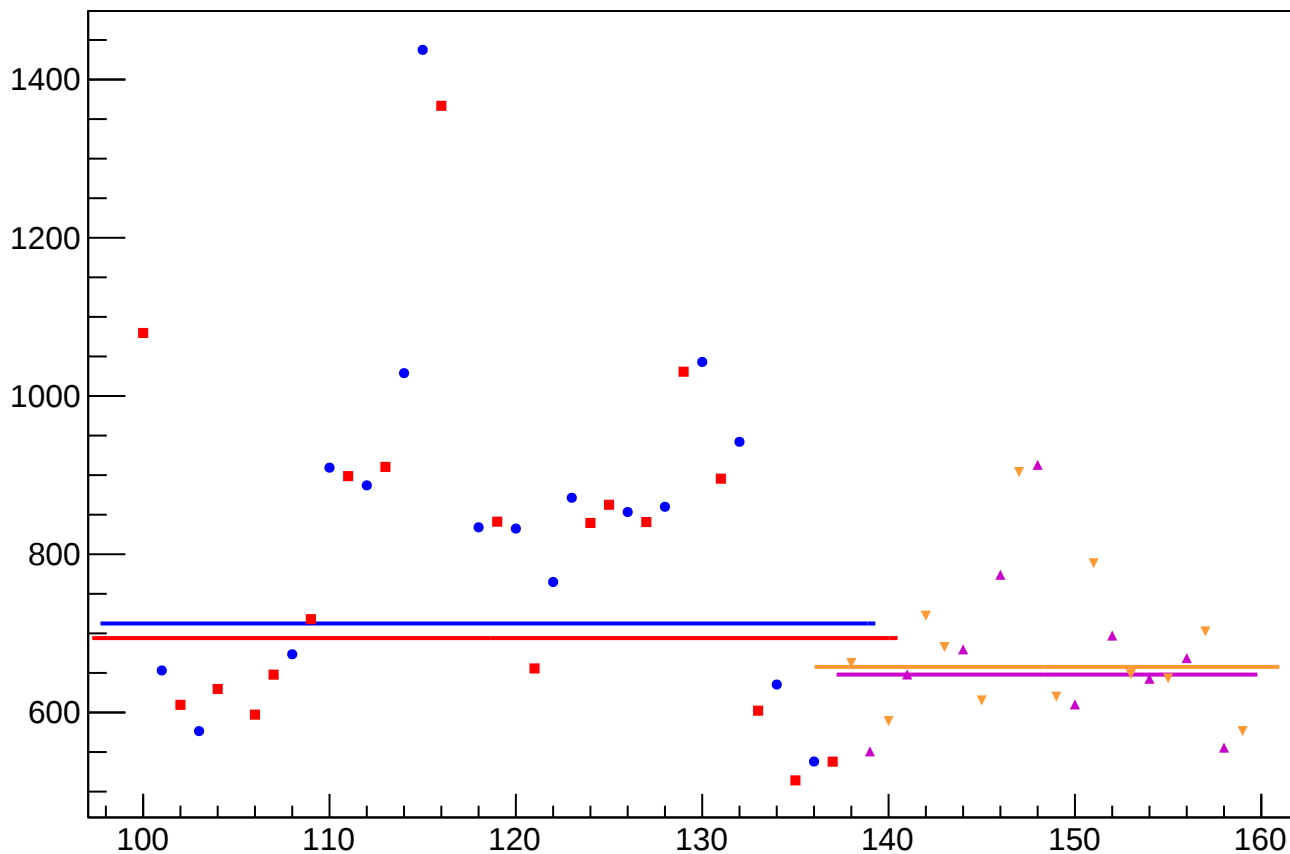
Left In: 367.043 ± 228.398 $\chi^2/\text{NDF}: 18.0/9$

+ sign 140.064 ± 173.689 $\chi^2/\text{NDF}: 26.2/28$

All: 280.519 ± 122.813 $\chi^2/\text{NDF}: 65.5/57$

- sign 420.955 ± 173.678 $\chi^2/\text{NDF}: 38.0/28$

asym_sam_15_dd_correction_rms vs Slug



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 657.600 $\pm$ 0.156 χ^2 /NDF: 240302.9/11

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

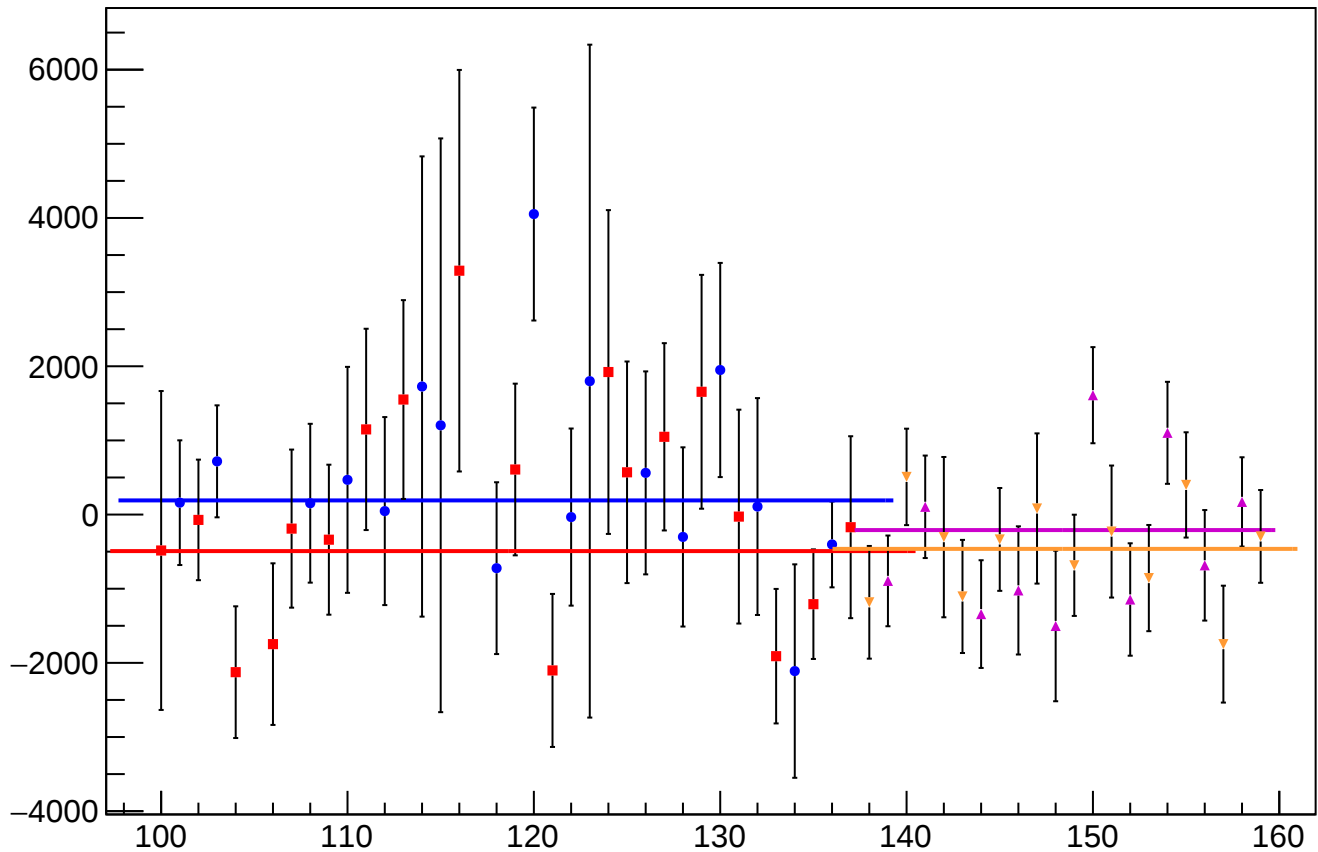
Left In: 647.912 $\pm$ 0.162 χ^2 /NDF: 288866.4/9

+ sign 678.391 $\pm$ 0.123 χ^2 /NDF: 947804.5/28

All: 672.873 $\pm$ 0.087 χ^2 /NDF: 1950066.1/57

- sign 667.356 $\pm$ 0.123 χ^2 /NDF: 998224.8/28

asym_sam_15_dd_mean vs Slug



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -462.681 ± 217.038 $\chi^2/\text{NDF}: 8.9/11$

Right Out: -492.659 ± 262.648 $\chi^2/\text{NDF}: 22.8/18$

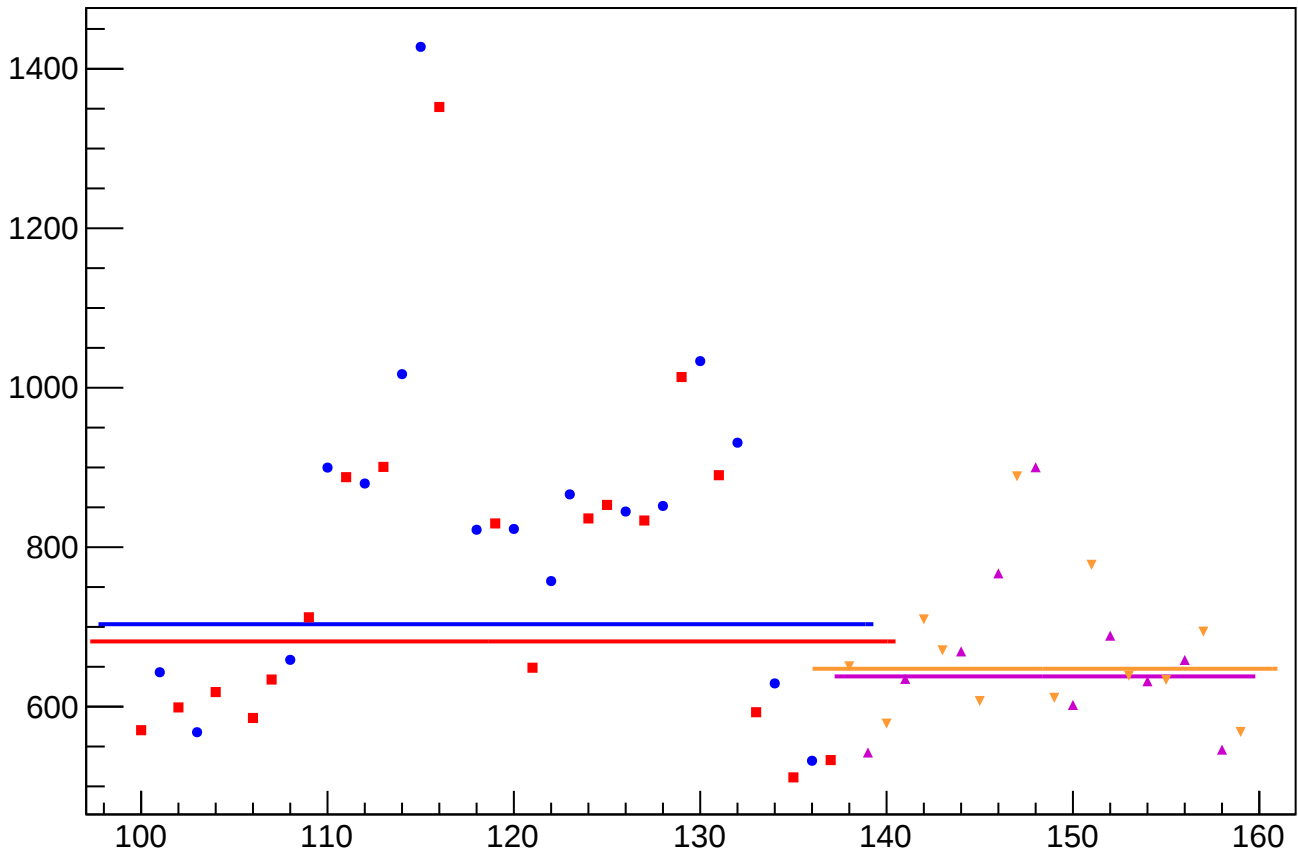
Left In: -209.205 ± 224.945 $\chi^2/\text{NDF}: 20.2/9$

+ sign -215.922 ± 171.231 $\chi^2/\text{NDF}: 26.5/28$

All: -272.660 ± 120.944 $\chi^2/\text{NDF}: 70.4/57$

- sign -329.145 ± 170.850 $\chi^2/\text{NDF}: 43.7/28$

asym_sam_15_dd_rms vs Slug



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 647.544 $\pm$ 0.153 χ^2 /NDF: 239840.8/11

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

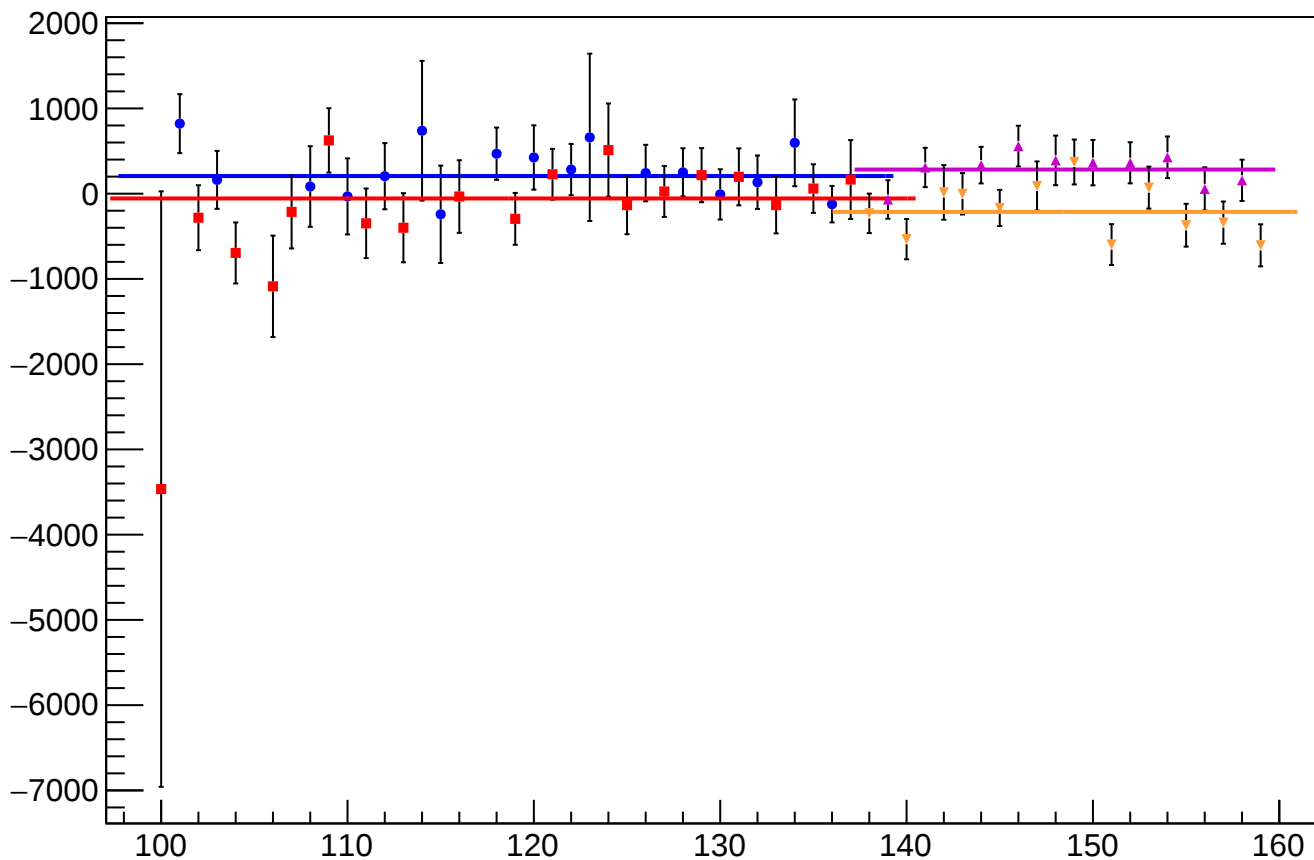
Left In: 637.945 $\pm$ 0.159 χ^2 /NDF: 294130.3/9

+ sign 668.635 $\pm$ 0.121 χ^2 /NDF: 956751.2/28

All: 662.556 $\pm$ 0.086 χ^2 /NDF: 1952885.4/57

- sign 656.504 $\pm$ 0.121 χ^2 /NDF: 991104.0/28

dit_asym_sam_26_dd_mean vs Slug



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -214.061 $\pm$ 71.704 χ^2 /NDF:16.3/11

Right Out: -56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

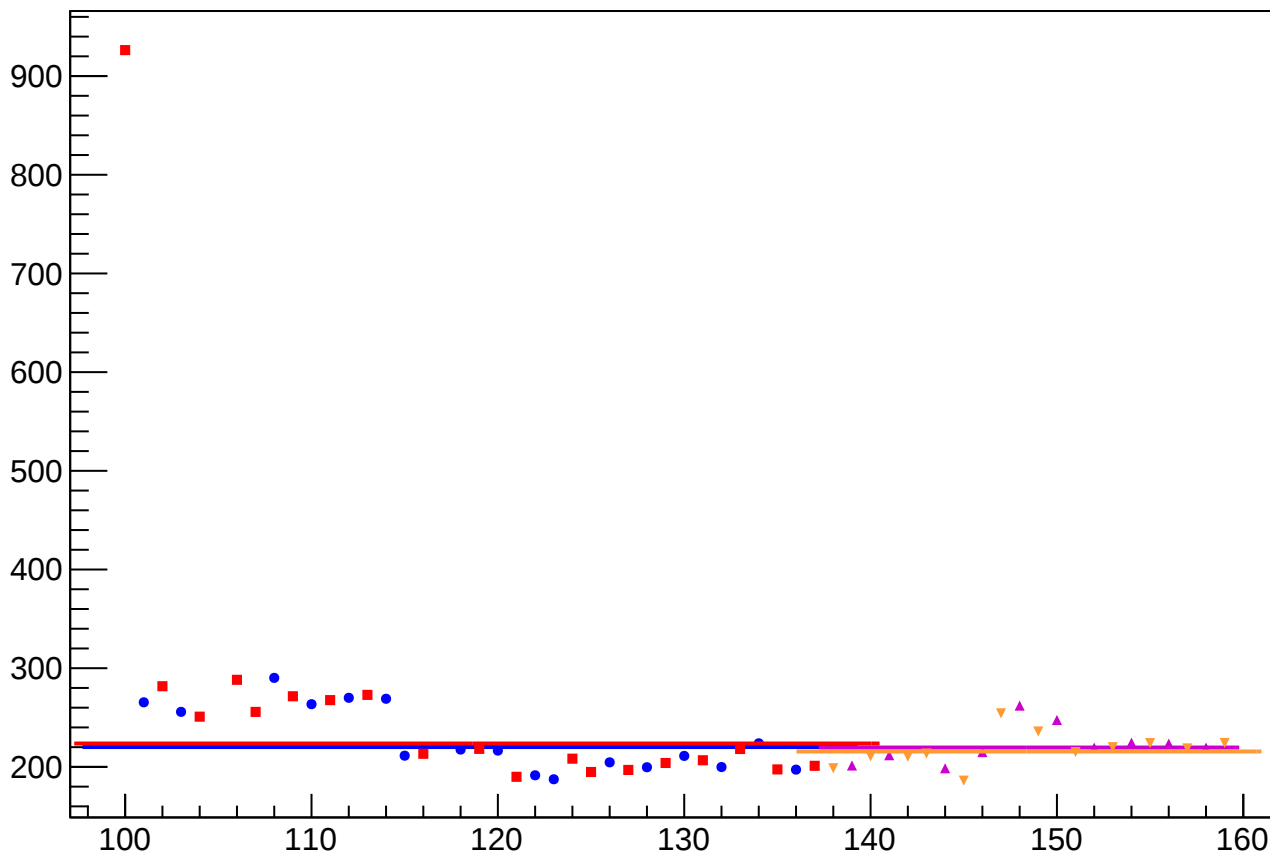
Left In: 282.886 $\pm$ 76.642 χ^2 /NDF:5.6/9

+ sign -40.566 $\pm$ 54.976 χ^2 /NDF: 40.0/28

All: 42.234 $\pm$ 39.560 χ^2 /NDF: 75.6/57

- sign 131.152 $\pm$ 56.970 χ^2 /NDF: 31.0/28

dit_asym_sam_26_dd_rms vs Slug



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 215.607 $\pm$ 0.051 χ^2 /NDF:104712.7/11

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

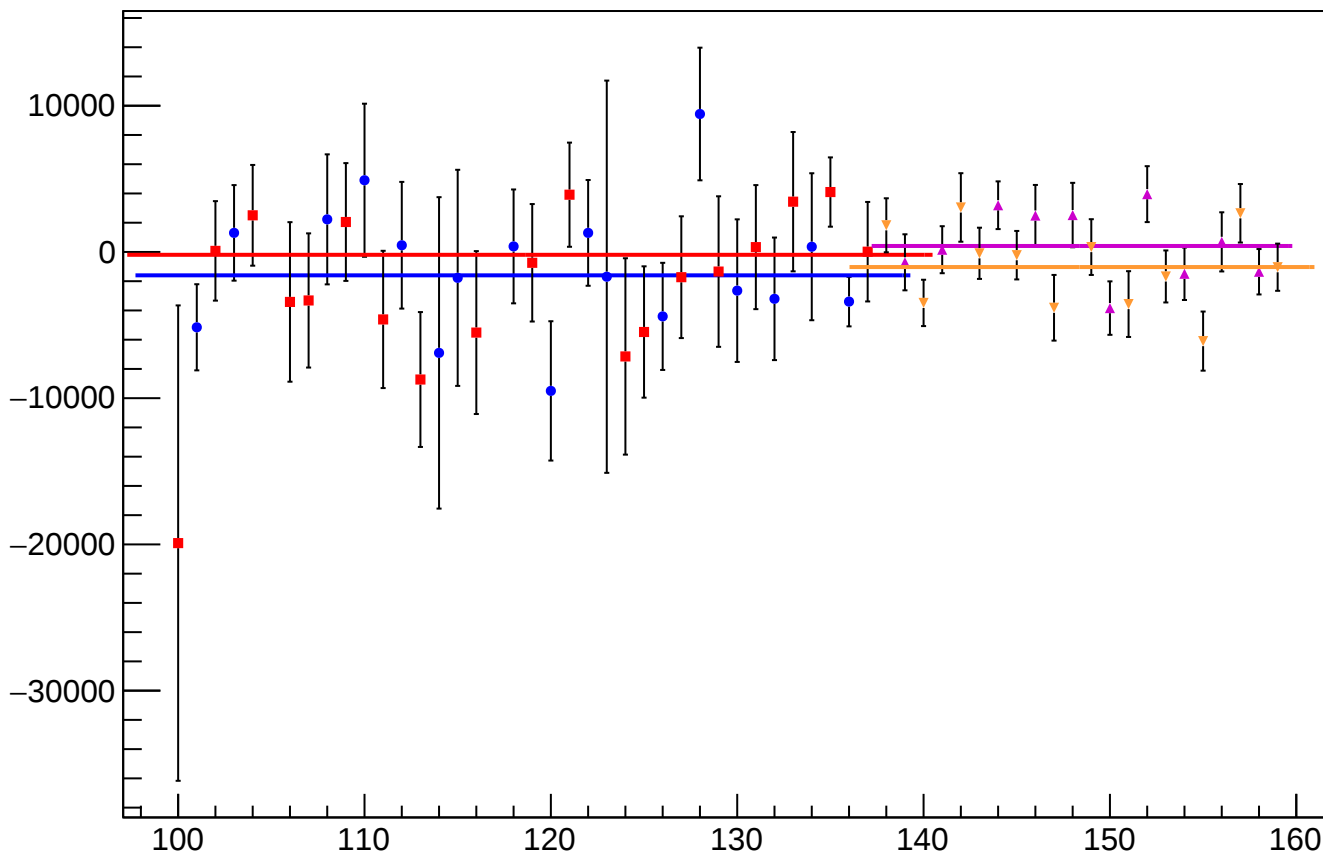
Left In: 219.607 $\pm$ 0.054 χ^2 /NDF:101091.7/9

+ sign 217.472 $\pm$ 0.039 χ^2 /NDF: 336441.2/28

All: 219.386 $\pm$ 0.028 χ^2 /NDF: 798360.5/57

- sign 221.441 $\pm$ 0.040 χ^2 /NDF: 456892.5/28

asym_sam_26_dd_correction_mean vs Slug



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1032.221 $\pm$ 539.989 χ^2 /NDF:21.4/11

Right Out: -194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

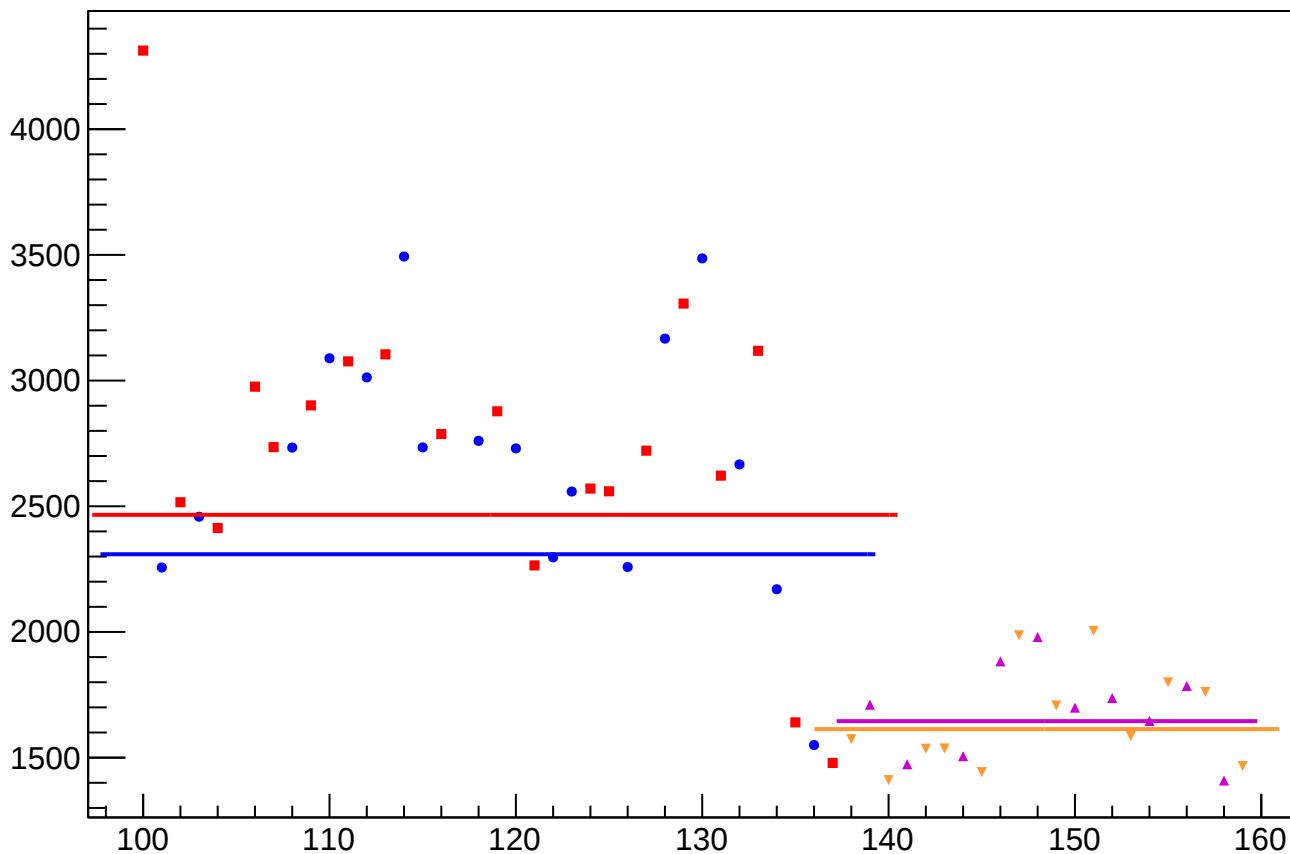
Left In: 409.134 $\pm$ 576.247 χ^2 /NDF:16.4/9

+ sign -1177.214 $\pm$ 465.832 χ^2 /NDF: 38.4/28

All: -504.943 $\pm$ 338.376 χ^2 /NDF: 75.8/57

- sign 246.016 $\pm$ 492.340 χ^2 /NDF: 33.0/28

asym_sam_26_dd_correction_rms vs Slug



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1613.608+/-0.382 χ^2/NDF : 226497.7/11

Right Out: 2465.900+/-0.670 χ^2/NDF : 694086.3/18

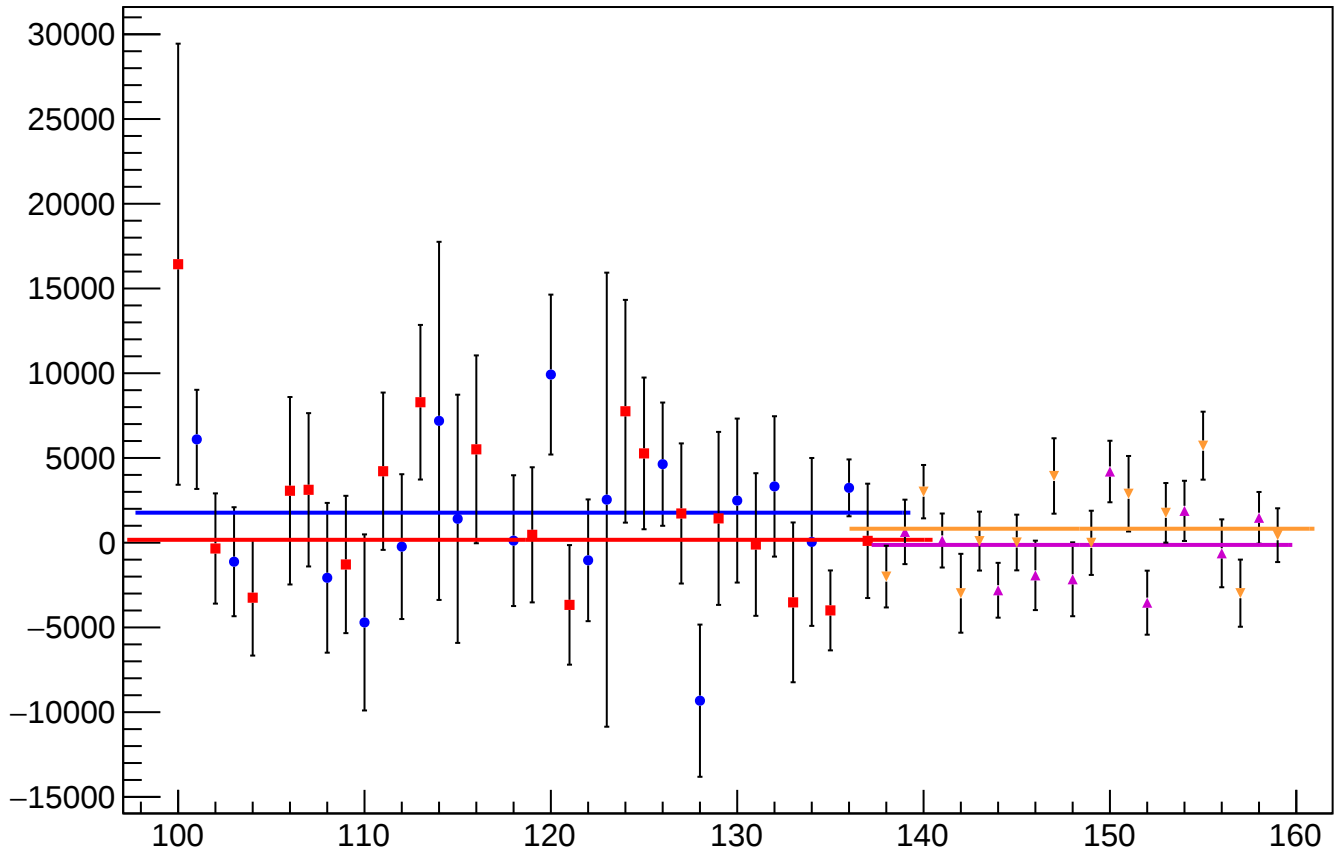
Left In: 1645.287+/-0.407 χ^2/NDF : 173923.9/9

+ sign 1791.523+/-0.329 χ^2/NDF : 1875985.5/28

All: 1827.112+/-0.239 χ^2/NDF : 3863871.8/57

- sign 1866.866+/-0.348 χ^2/NDF : 1963173.2/28

asym_sam_26_dd_mean vs Slug



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 824.496+/-534.690 χ^2/NDF : 20.4/11

Right Out: 170.902+/-937.411 χ^2/NDF : 16.0/18

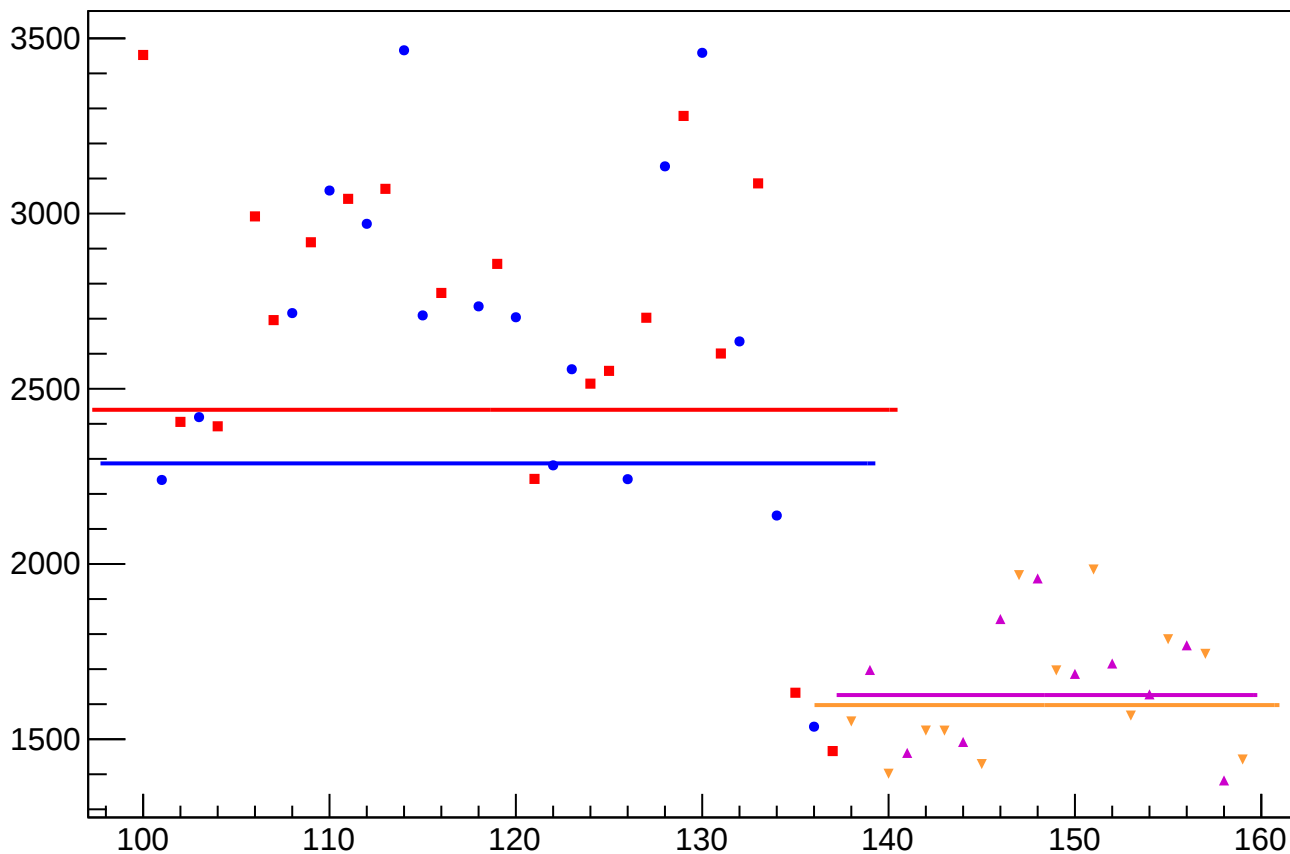
Left In: -130.480+/-569.585 χ^2/NDF : 16.0/9

+ sign 1066.555+/-461.303 χ^2/NDF : 38.6/28

All: 538.623+/-334.832 χ^2/NDF : 73.4/57

- sign -49.214+/-486.772 χ^2/NDF : 32.1/28

asym_sam_26_dd_rms vs Slug



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1597.413+/-0.378 χ^2/NDF : 228234.9/11

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

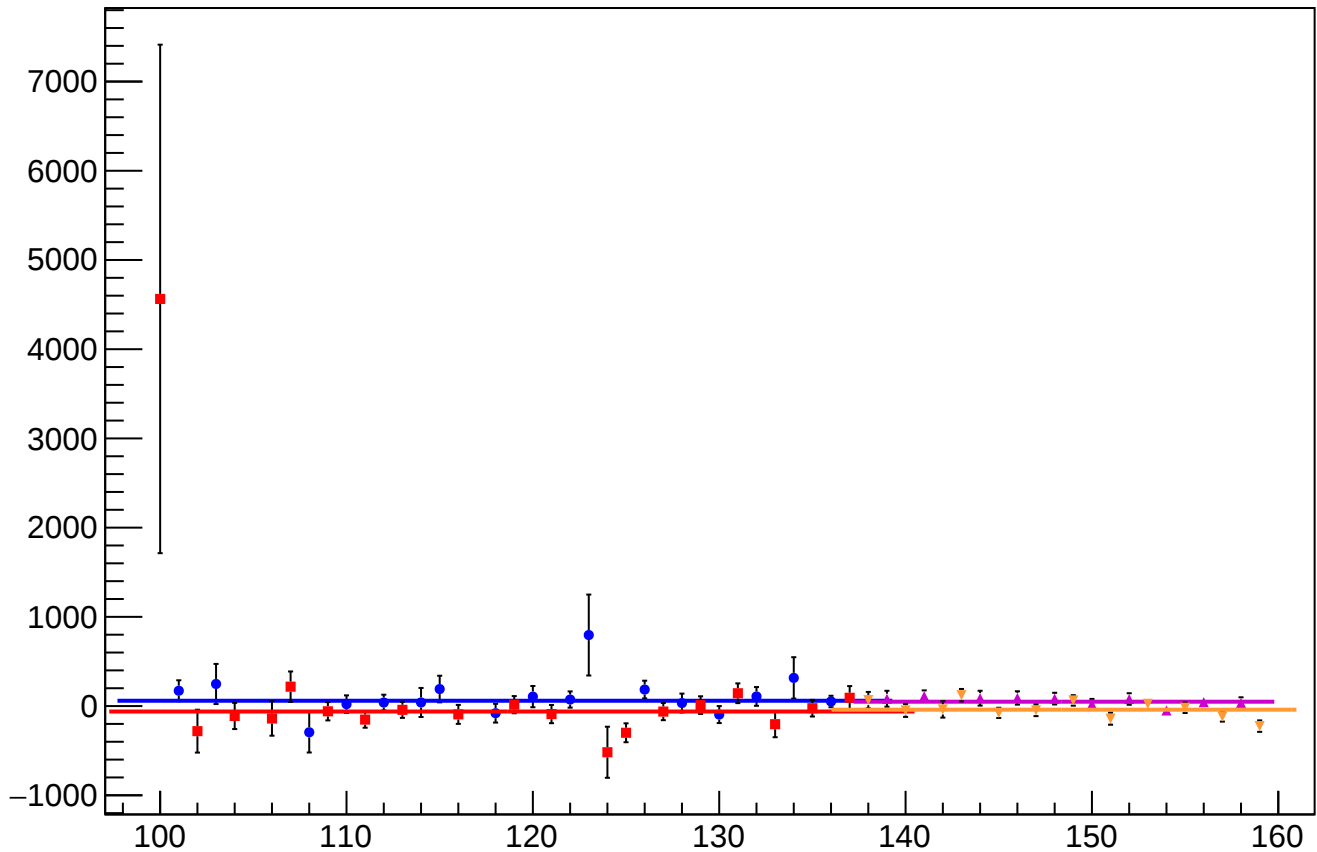
Left In: 1626.031+/-0.403 χ^2/NDF : 174975.4/9

+ sign 1773.742+/-0.326 χ^2/NDF : 1878386.0/28

All: 1807.709+/-0.237 χ^2/NDF : 3856907.2/57

- sign 1845.531+/-0.344 χ^2/NDF : 1955603.0/28

dit_asym_sam_37_dd_mean vs Slug



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -40.689+/-18.789 χ^2/NDF : 24.0/11

Right Out: -60.983+/-27.009 χ^2/NDF : 22.3/18

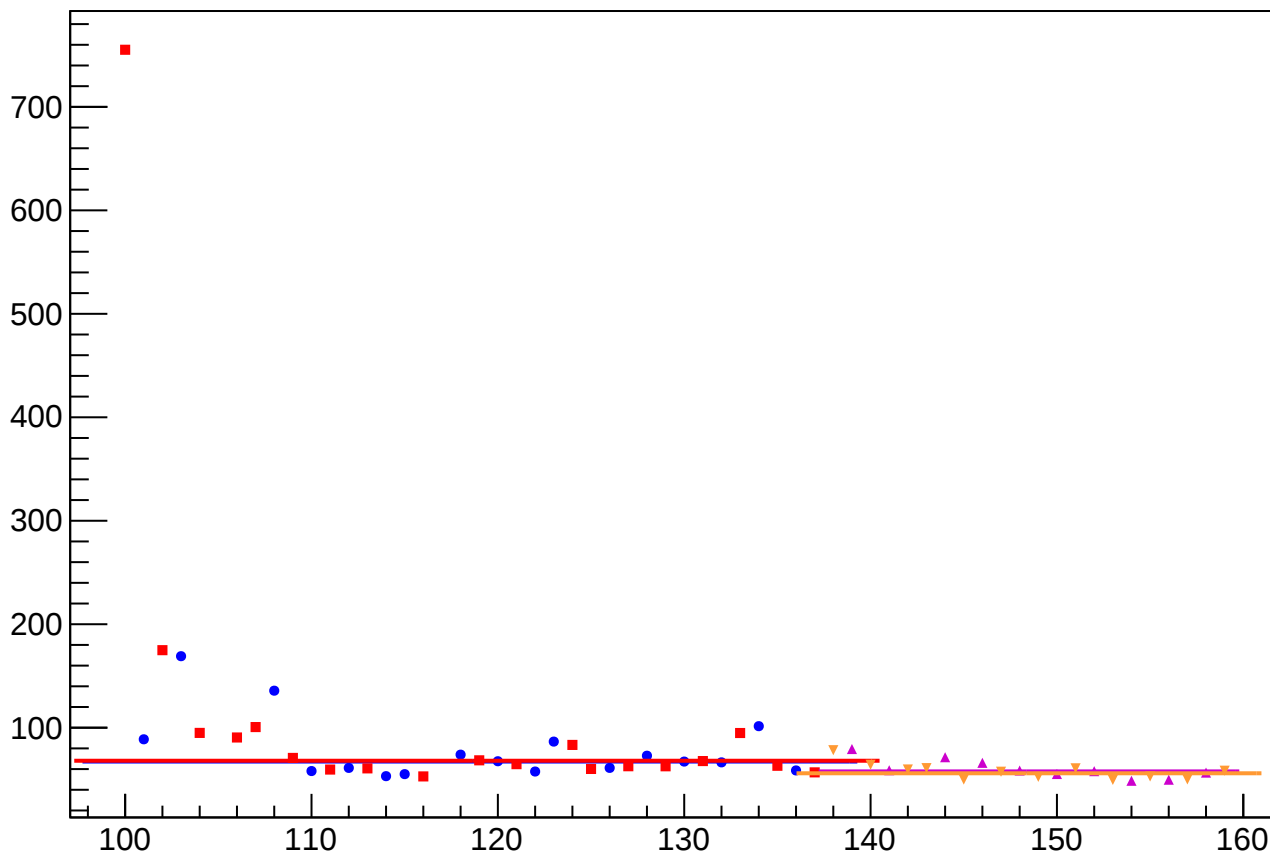
Left In: 48.948+/-20.551 χ^2/NDF : 5.8/9

+ sign -8.080+/-15.437 χ^2/NDF : 48.6/28

All: -0.202+/-11.226 χ^2/NDF : 87.8/57

- sign 8.641+/-16.355 χ^2/NDF : 38.6/28

dit_asym_sam_37_dd_rms vs Slug



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 55.946 $\pm$ 0.013 χ^2 /NDF: 254104.7/11

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

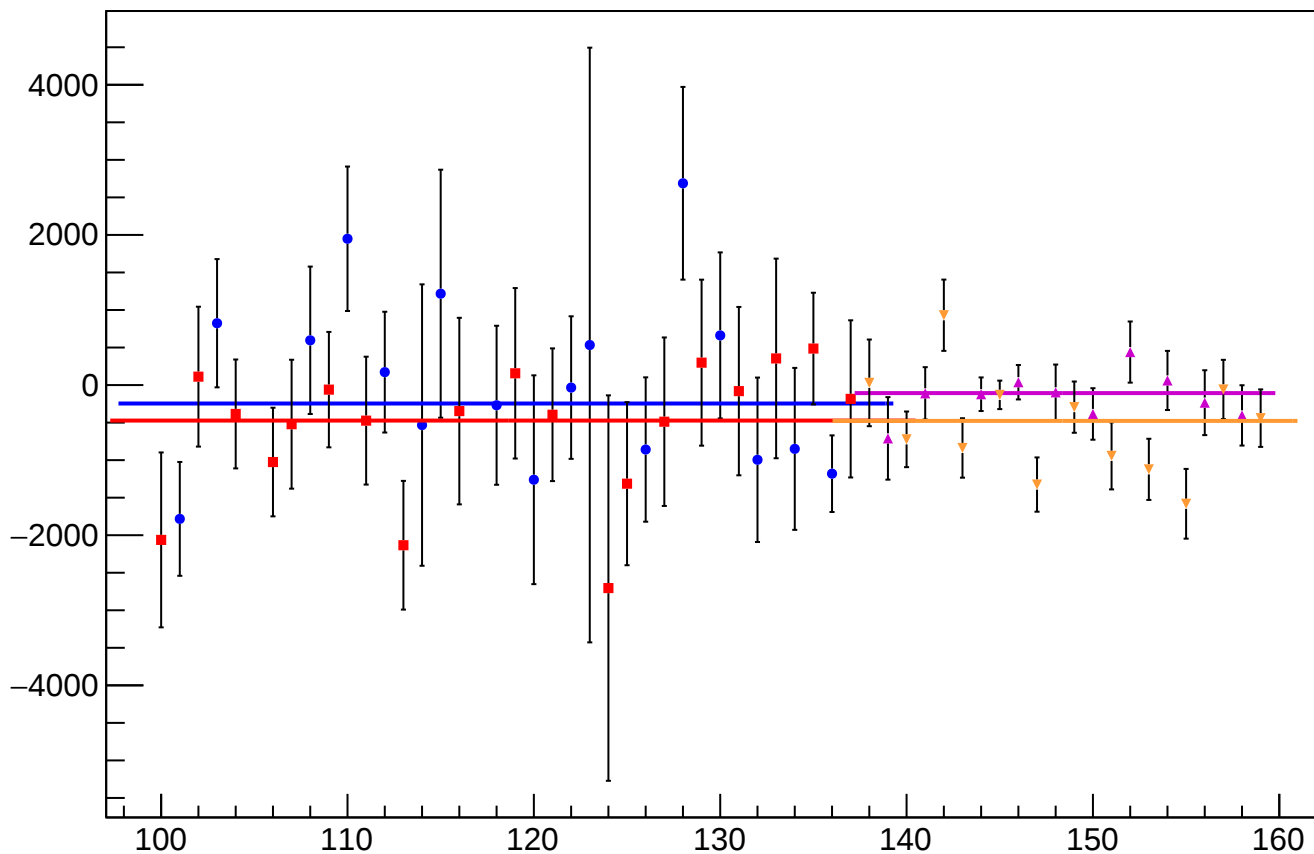
Left In: 57.754 $\pm$ 0.015 χ^2 /NDF: 300043.1/9

+ sign 59.635 $\pm$ 0.011 χ^2 /NDF: 1332661.2/28

All: 60.529 $\pm$ 0.008 χ^2 /NDF: 2701996.0/57

- sign 61.533 $\pm$ 0.012 χ^2 /NDF: 1355093.7/28

asym_sam_37_dd_correction_mean vs Slug



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -477.247+/-103.141 χ^2/NDF : 30.3/11

Right Out: -472.860+/-218.823 χ^2/NDF : 11.3/18

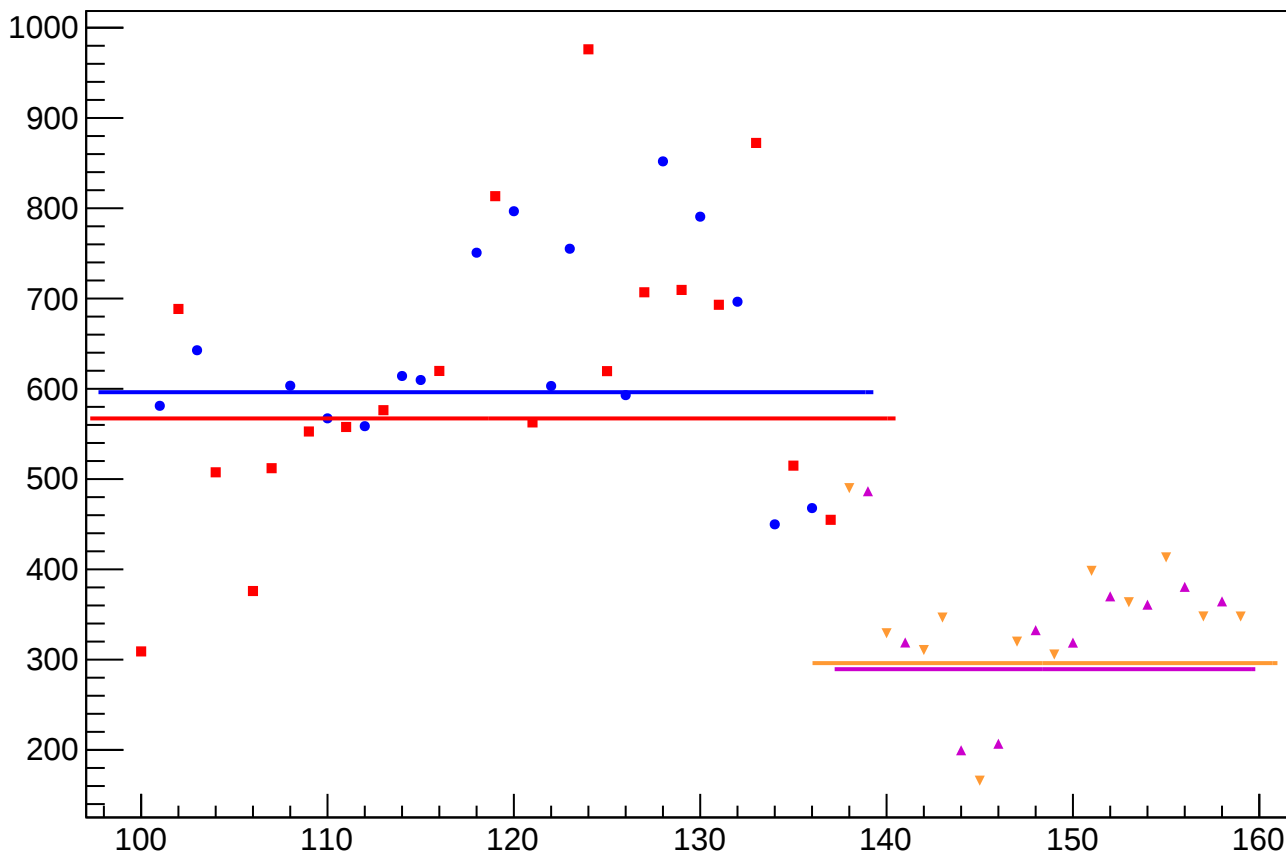
Left In: -106.969+/-105.215 χ^2/NDF : 4.9/9

+ sign -439.945+/-94.471 χ^2/NDF : 54.9/28

All: -308.302+/-66.925 χ^2/NDF : 77.3/57

- sign -175.675+/-94.824 χ^2/NDF : 18.5/28

asym_sam_37_dd_correction_rms vs Slug



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 296.138 $\pm$ 0.073 χ^2 /NDF:1584878.4/11

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

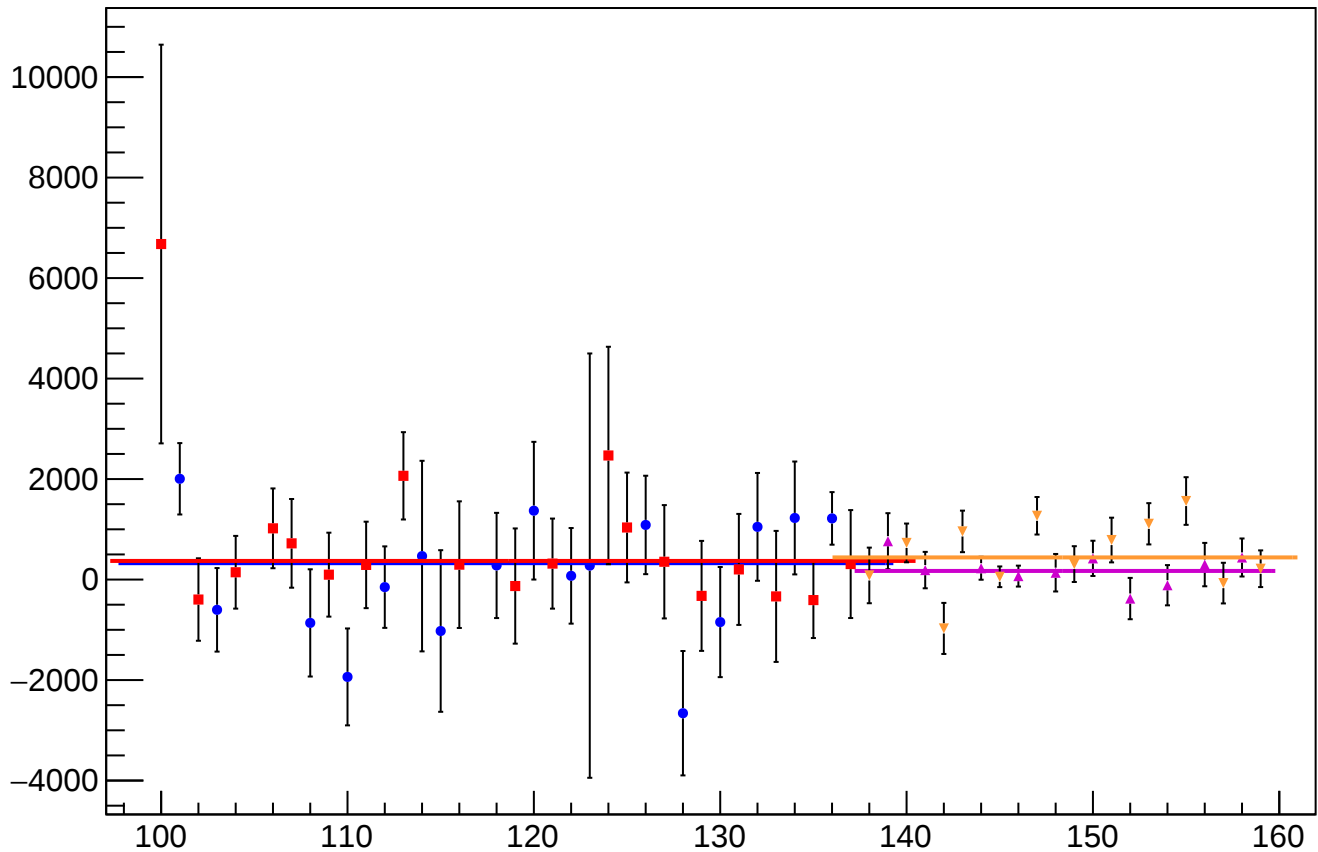
Left In: 289.431 $\pm$ 0.074 χ^2 /NDF:1198300.3/9

+ sign 344.471 $\pm$ 0.067 χ^2 /NDF: 4734068.4/28

All: 343.034 $\pm$ 0.047 χ^2 /NDF: 9225750.5/57

- sign 341.585 $\pm$ 0.067 χ^2 /NDF: 4490752.5/28

asym_sam_37_dd_mean vs Slug



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 440.792 $\pm$ 106.935 χ^2 /NDF: 29.7/11

Right Out: 370.721 $\pm$ 224.892 χ^2 /NDF: 11.5/18

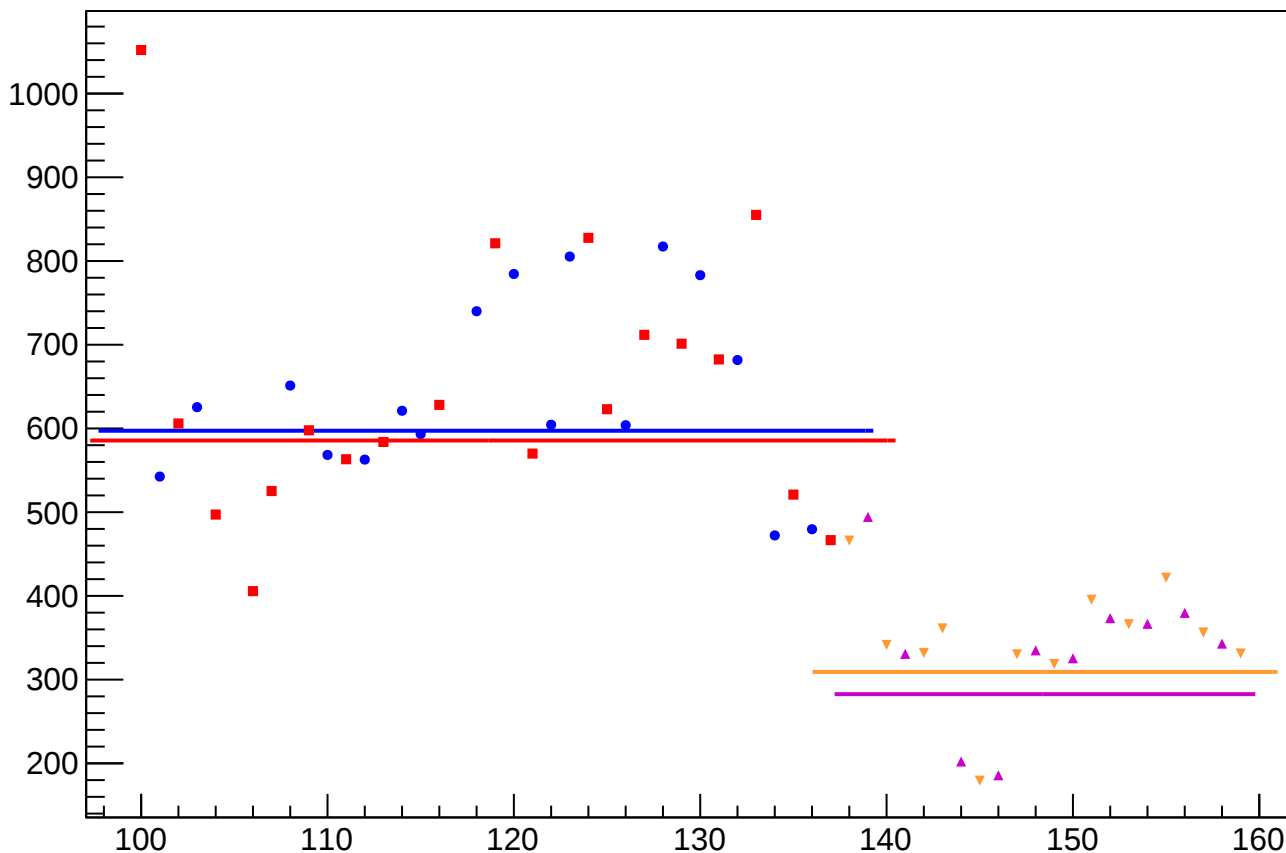
Left In: 171.576 $\pm$ 103.774 χ^2 /NDF: 4.8/9

+ sign 421.197 $\pm$ 97.374 χ^2 /NDF: 56.8/28

All: 310.340 $\pm$ 67.713 χ^2 /NDF: 76.3/57

- sign 206.535 $\pm$ 94.226 χ^2 /NDF: 17.0/28

asym_sam_37_dd_rms vs Slug



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 309.227 $\pm$ 0.076 χ^2 /NDF:1276496.4/11

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

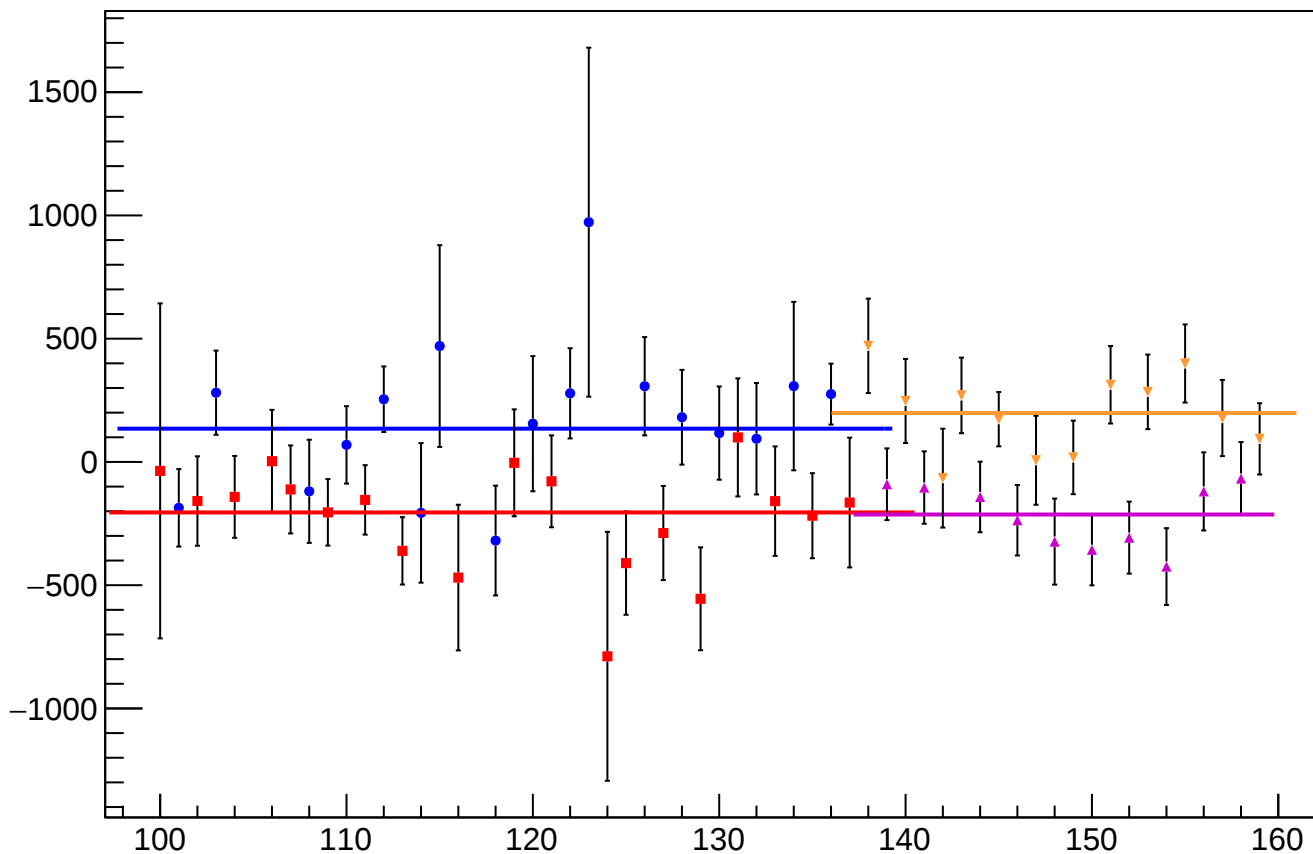
Left In: 282.658 $\pm$ 0.073 χ^2 /NDF:1410919.6/9

+ sign 358.435 $\pm$ 0.069 χ^2 /NDF: 4119465.7/28

All: 346.767 $\pm$ 0.048 χ^2 /NDF: 9052951.3/57

- sign 335.841 $\pm$ 0.067 χ^2 /NDF: 4877876.8/28

dit_asym_sam_48_dd_mean vs Slug



Right In: 135.029 ± 47.025 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 198.535 ± 44.677 $\chi^2/\text{NDF}: 9.7/11$

Right Out: -204.866 ± 44.440 $\chi^2/\text{NDF}: 12.1/18$

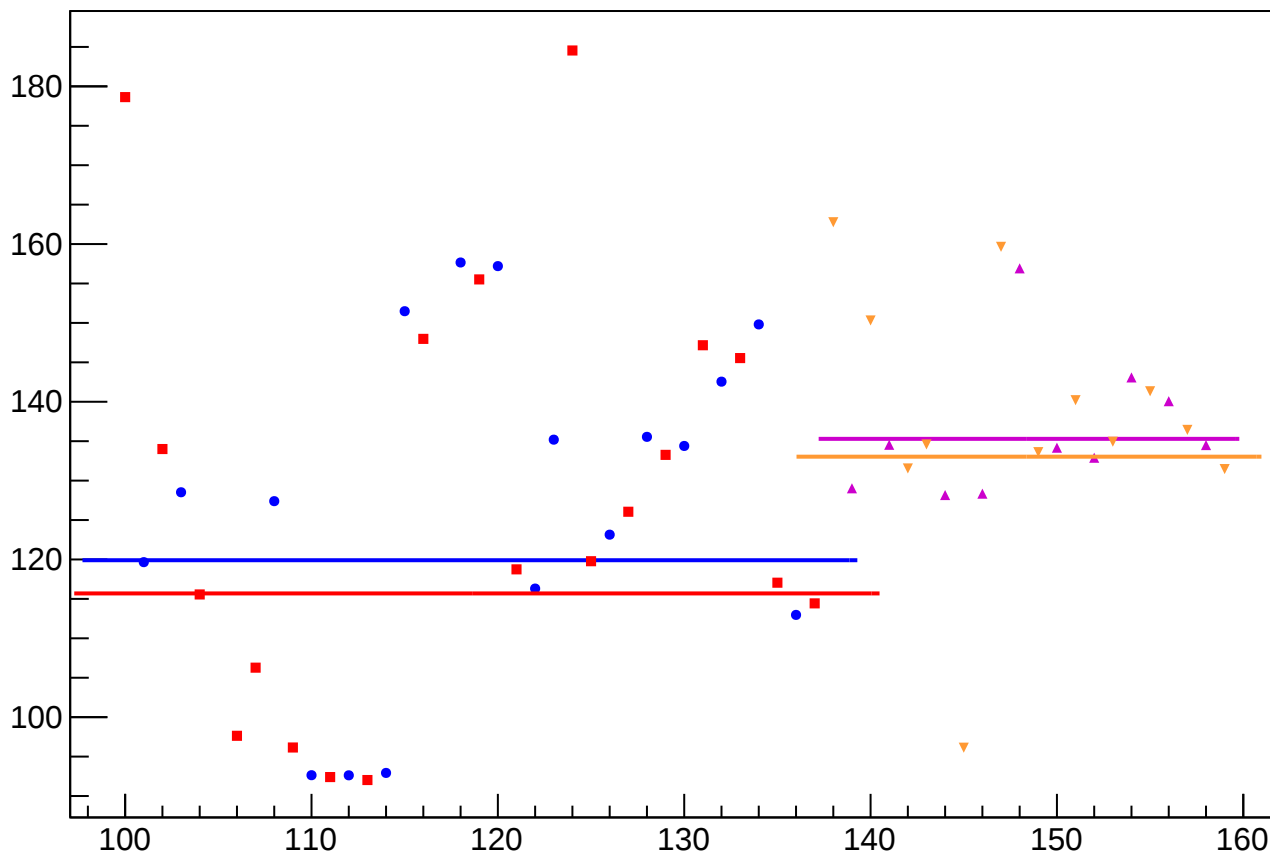
Left In: -213.248 ± 47.370 $\chi^2/\text{NDF}: 6.5/9$

+ sign 168.406 ± 32.390 $\chi^2/\text{NDF}: 28.7/28$

All: -20.072 ± 22.910 $\chi^2/\text{NDF}: 115.1/57$

- sign -208.790 ± 32.410 $\chi^2/\text{NDF}: 18.6/28$

dit_asym_sam_48_dd_rms vs Slug



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 133.036+/-0.032 χ^2/NDF : 348569.9/11

Right Out: 115.693+/-0.031 χ^2/NDF : 435335.9/18

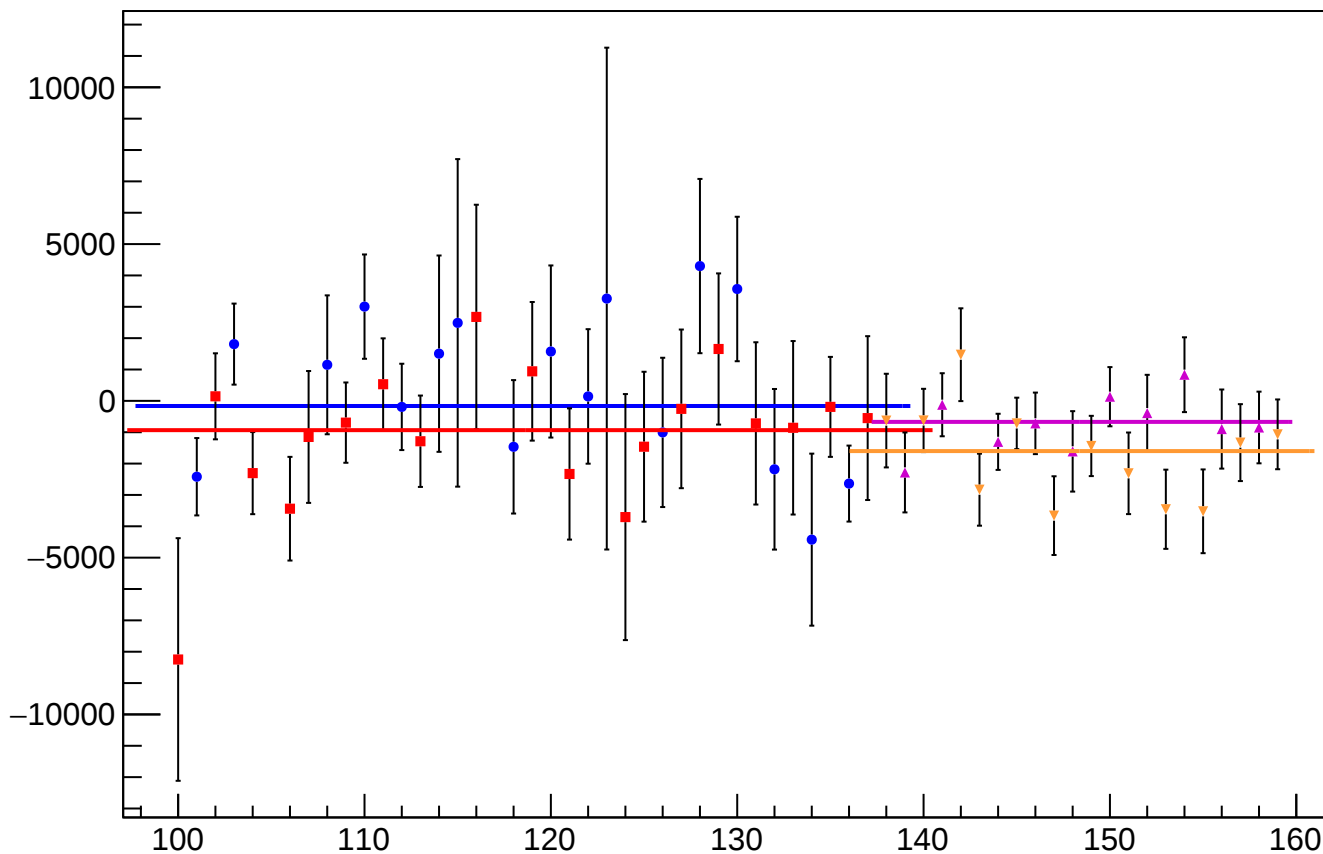
Left In: 135.296+/-0.033 χ^2/NDF : 51689.6/9

+ sign 126.805+/-0.023 χ^2/NDF : 776057.3/28

All: 125.838+/-0.016 χ^2/NDF : 1448838.8/57

- sign 124.869+/-0.023 χ^2/NDF : 669211.3/28

asym_sam_48_dd_correction_mean vs Slug



Right In: -163.538 ± 469.592 χ^2/NDF : 23.7/16

Left Out: -1601.535 ± 331.505 χ^2/NDF : 15.5/11

Right Out: -933.992 ± 437.648 χ^2/NDF : 12.9/18

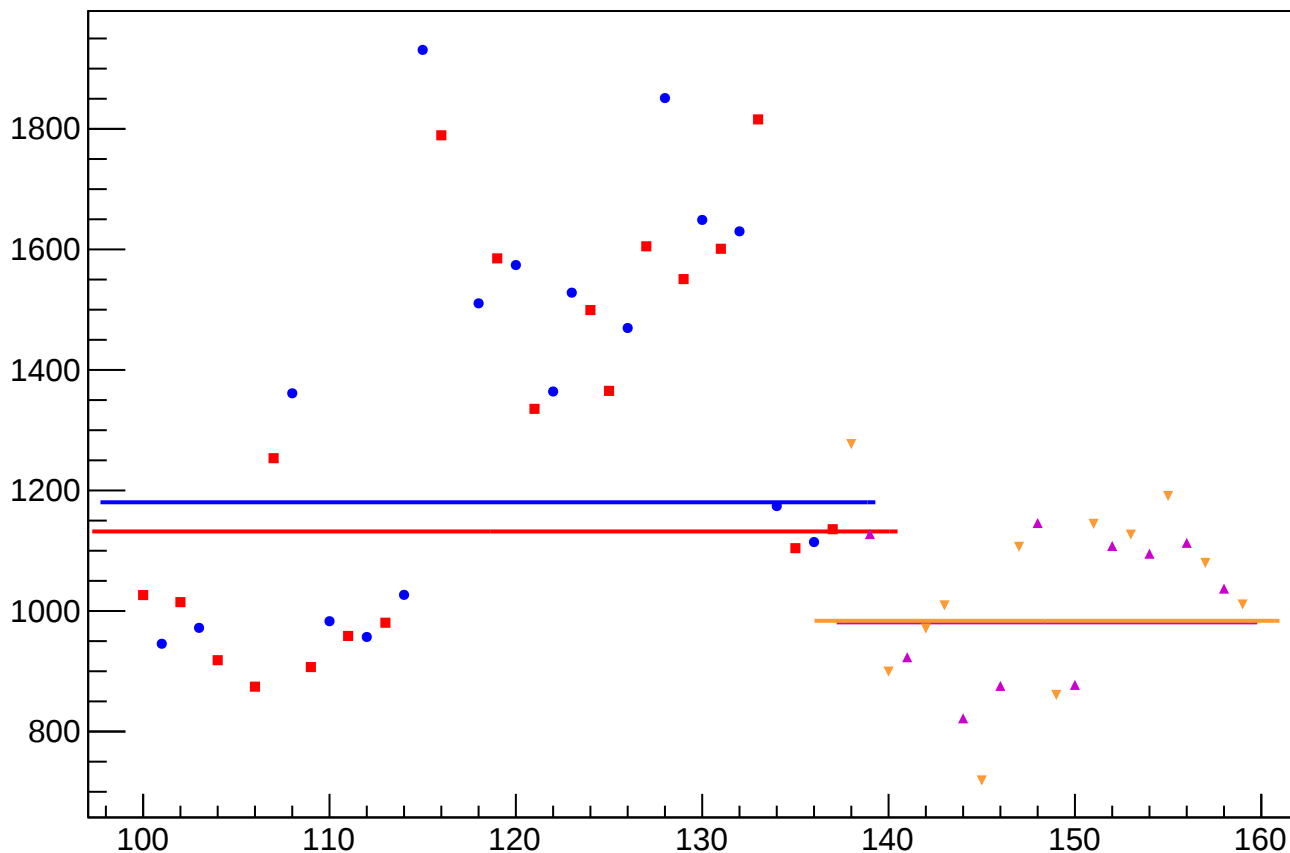
Left In: -670.291 ± 345.221 χ^2/NDF : 5.4/9

+ sign -1123.253 ± 270.821 χ^2/NDF : 45.5/28

All: -947.490 ± 191.579 χ^2/NDF : 64.8/57

- sign -771.436 ± 271.046 χ^2/NDF : 18.5/28

asym_sam_48_dd_correction_rms vs Slug



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 983.740 $\pm$ 0.234 χ^2 /NDF: 470257.6/11

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

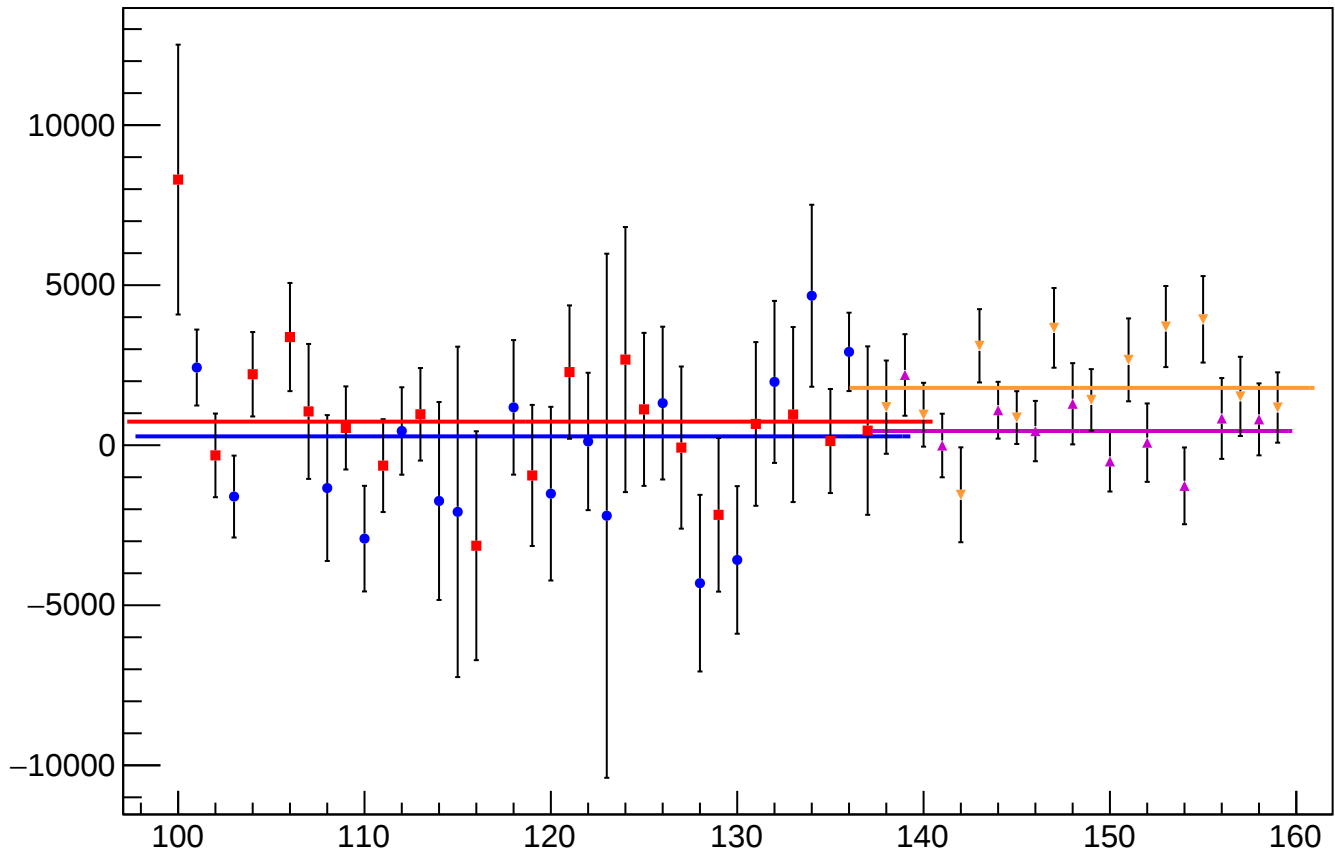
Left In: 981.119 $\pm$ 0.244 χ^2 /NDF: 243177.5/9

+ sign 1049.151 $\pm$ 0.191 χ^2 /NDF: 1373211.4/28

All: 1044.071 $\pm$ 0.135 χ^2 /NDF: 2526194.3/57

- sign 1038.983 $\pm$ 0.192 χ^2 /NDF: 1151574.3/28

asym_sam_48_dd_mean vs Slug



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1791.094+/-330.792 χ^2/NDF : 16.6/11

Right Out: 736.749+/-437.448 χ^2/NDF : 12.8/18

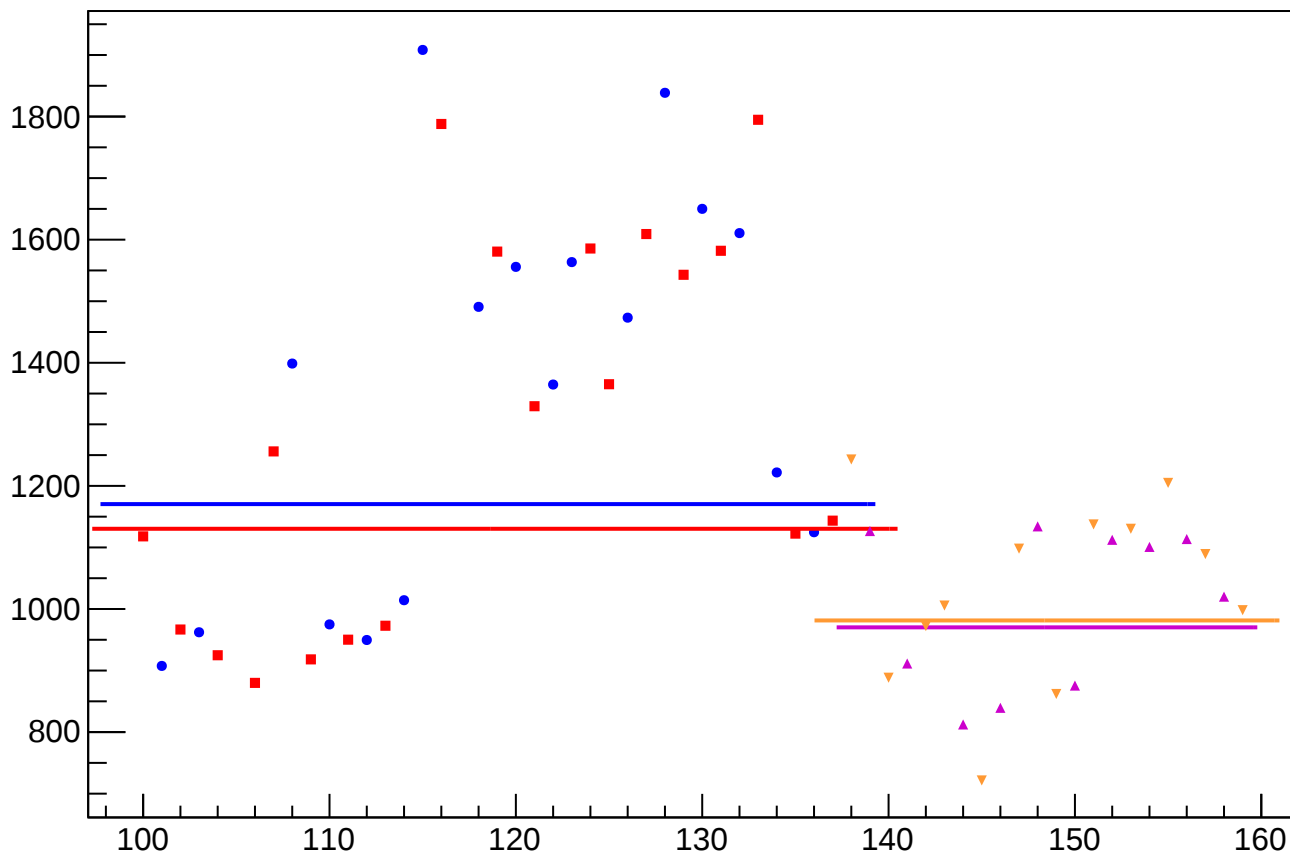
Left In: 444.079+/-341.934 χ^2/NDF : 6.4/9

+ sign 1284.204+/-269.823 χ^2/NDF : 47.9/28

All: 919.067+/-190.644 χ^2/NDF : 71.1/57

- sign 555.077+/-269.399 χ^2/NDF : 19.5/28

asym_sam_48_dd_rms vs Slug



Right In: 1170.404+/-0.330 χ^2/NDF : 705486.8/16

Left Out: 981.394+/-0.234 χ^2/NDF : 457044.8/11

Right Out: 1130.322+/-0.309 χ^2/NDF : 763044.5/18

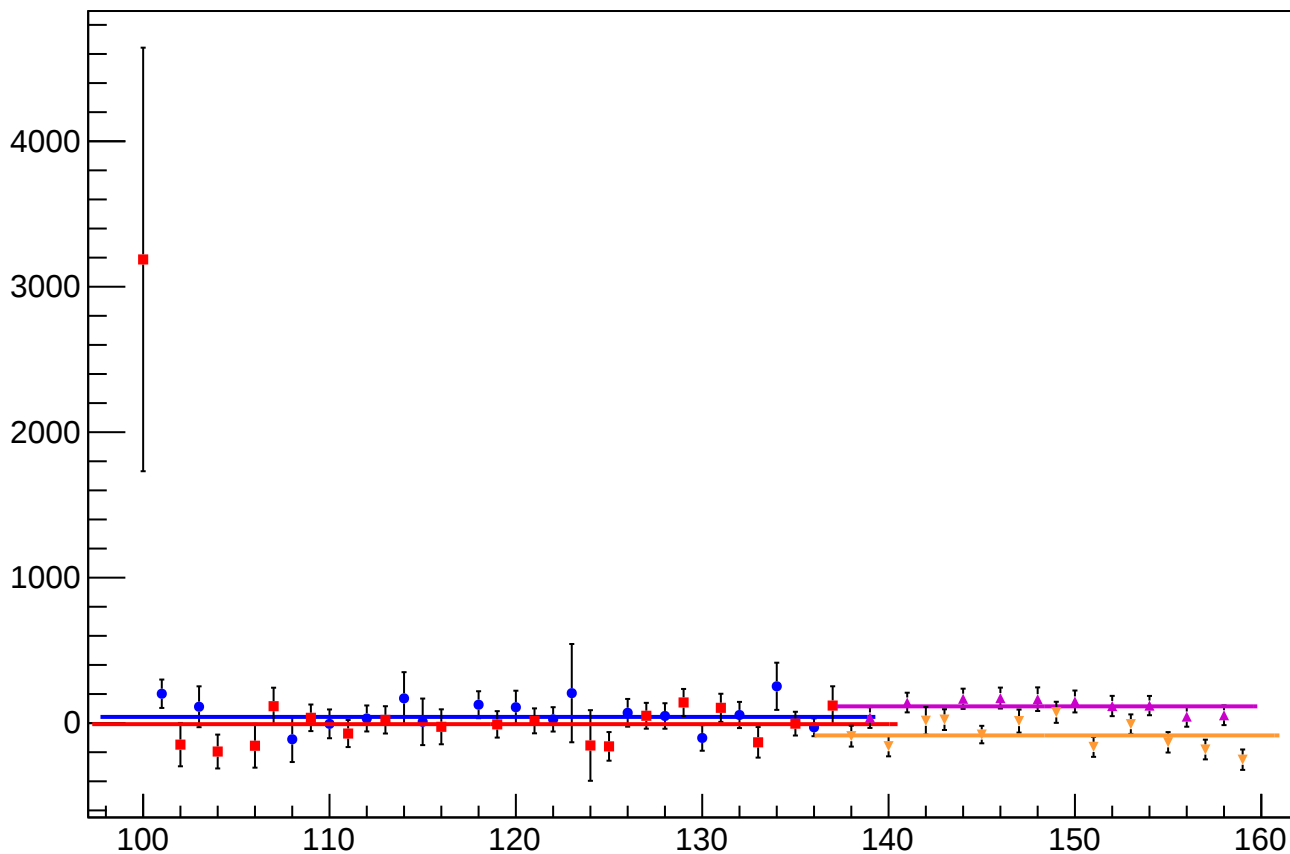
Left In: 970.168+/-0.242 χ^2/NDF : 272867.8/9

+ sign 1044.647+/-0.191 χ^2/NDF : 1381050.0/28

All: 1037.767+/-0.135 χ^2/NDF : 2585962.6/57

- sign 1030.908+/-0.190 χ^2/NDF : 1202316.0/28

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 42.674 ± 24.701 χ^2/NDF : 12.0/16

Left Out: -84.595 ± 20.435 χ^2/NDF : 21.8/11

Right Out: -7.090 ± 24.489 χ^2/NDF : 20.6/18

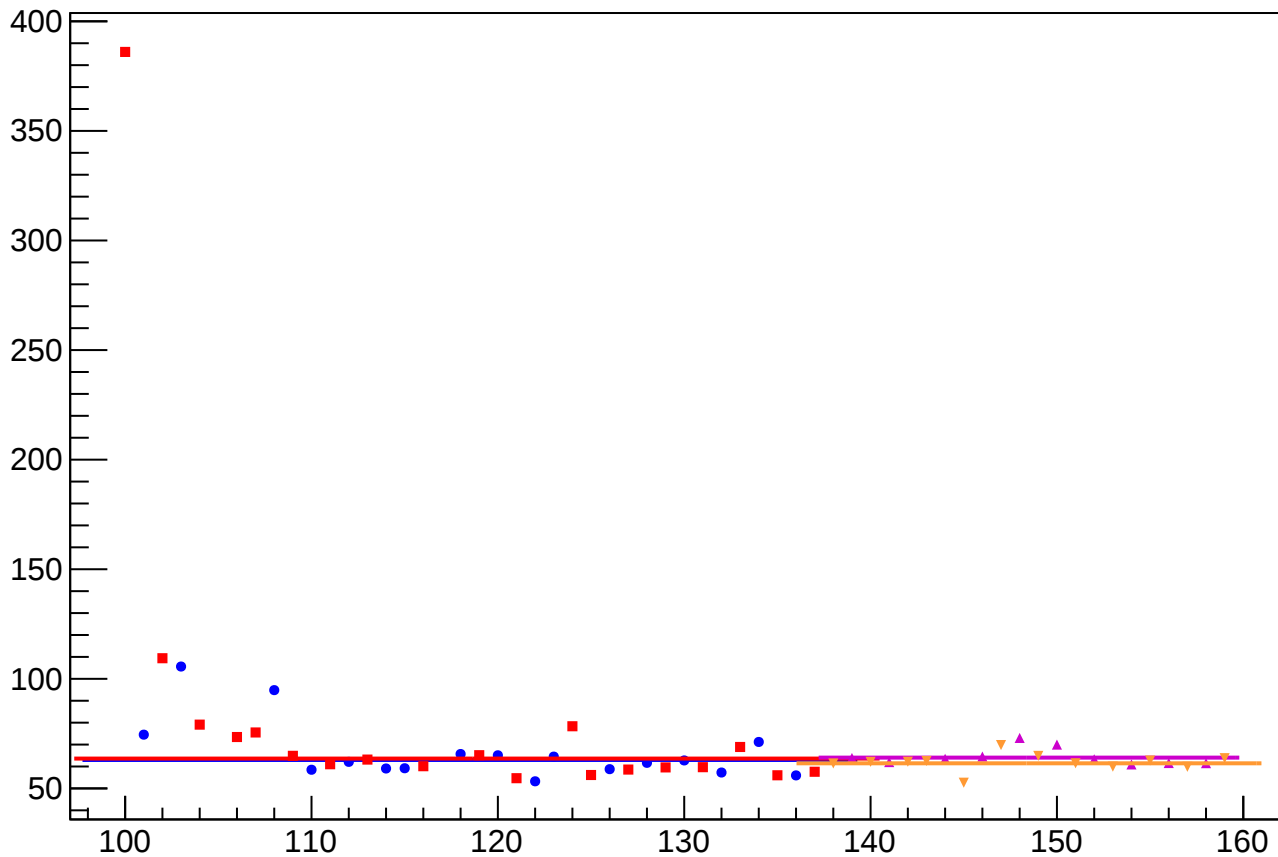
Left In: 115.204 ± 22.362 χ^2/NDF : 4.9/9

+ sign -32.882 ± 15.745 χ^2/NDF : 49.5/28

All: 11.156 ± 11.395 χ^2/NDF : 105.0/57

- sign 59.596 ± 16.513 χ^2/NDF : 39.1/28

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.452 $\pm$ 0.014 χ^2 /NDF: 75839.4/11

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

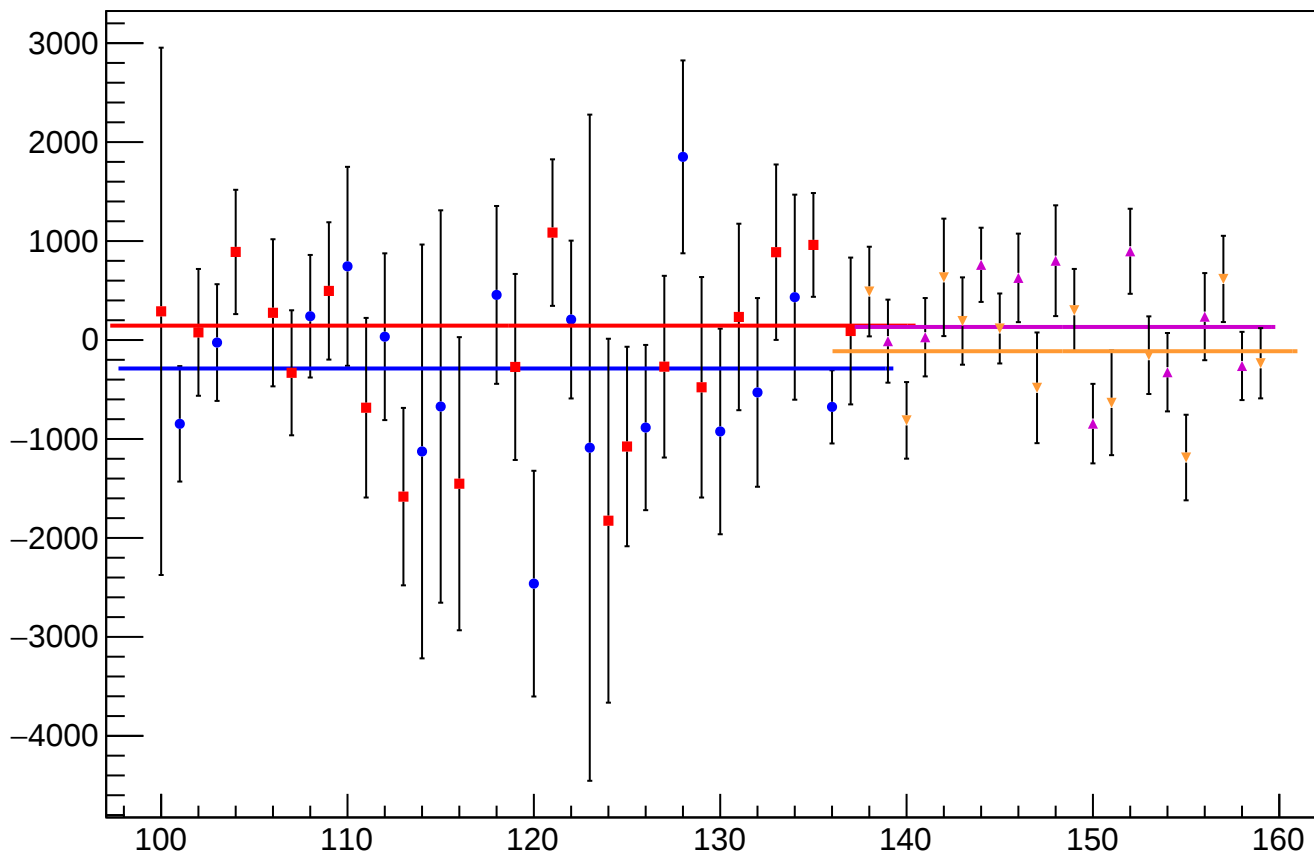
Left In: 64.048 $\pm$ 0.016 χ^2 /NDF: 48903.0/9

+ sign 62.073 $\pm$ 0.011 χ^2 /NDF: 455645.1/28

All: 62.919 $\pm$ 0.008 χ^2 /NDF: 950572.8/57

- sign 63.850 $\pm$ 0.012 χ^2 /NDF: 482794.9/28

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -287.682 $\pm$ 189.888 χ^2/NDF : 15.4/16

Left Out: -113.229 $\pm$ 123.947 χ^2/NDF : 19.0/11

Right Out: 145.341 $\pm$ 187.312 χ^2/NDF : 16.1/18

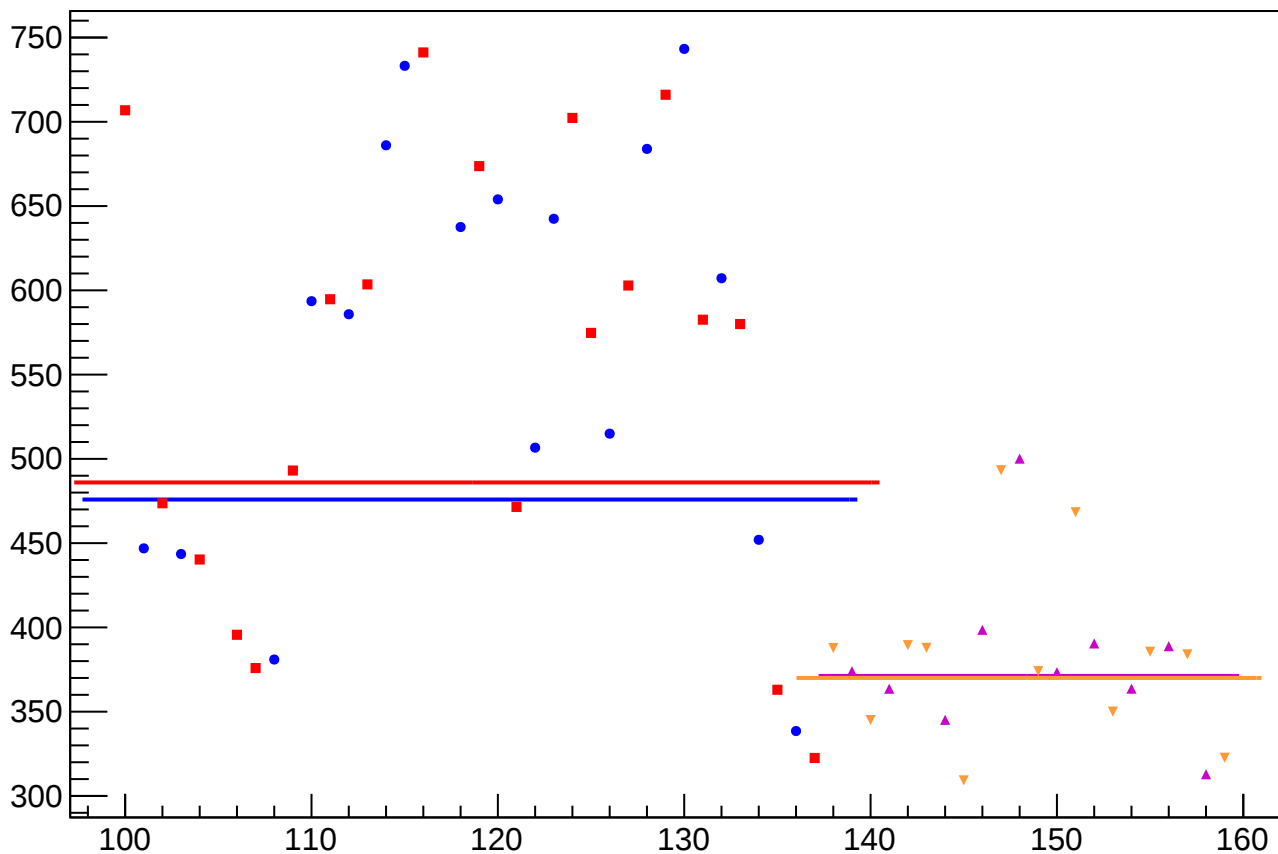
Left In: 131.991 $\pm$ 130.271 χ^2/NDF : 17.4/9

+ sign -165.351 $\pm$ 103.793 χ^2/NDF : 35.0/28

All: -19.021 $\pm$ 74.483 χ^2/NDF : 72.6/57

- sign 136.343 $\pm$ 106.949 χ^2/NDF : 33.5/28

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 370.017 $\pm$ 0.088 χ^2 /NDF: 287844.5/11

Right Out: 486.011 $\pm$ 0.132 χ^2 /NDF: 730123.7/18

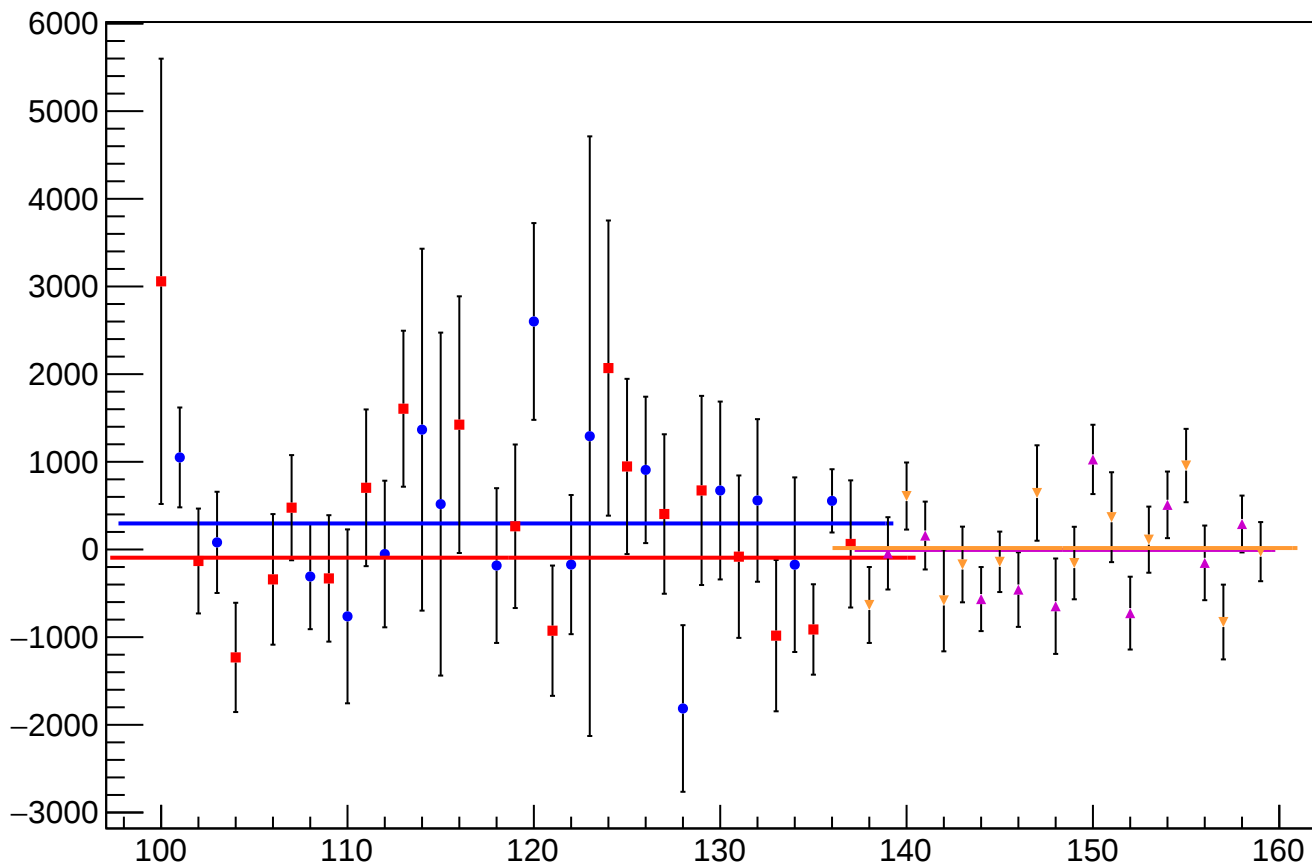
Left In: 371.225 $\pm$ 0.092 χ^2 /NDF: 189434.2/9

+ sign 401.643 $\pm$ 0.073 χ^2 /NDF: 1561472.0/28

All: 405.039 $\pm$ 0.053 χ^2 /NDF: 2991659.6/57

- sign 408.645 $\pm$ 0.076 χ^2 /NDF: 1425773.1/28

asym_sam_13_57_dd_mean vs Slug



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 16.408 $\pm$ 120.414 χ^2 /NDF:17.1/11

Right Out: -93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

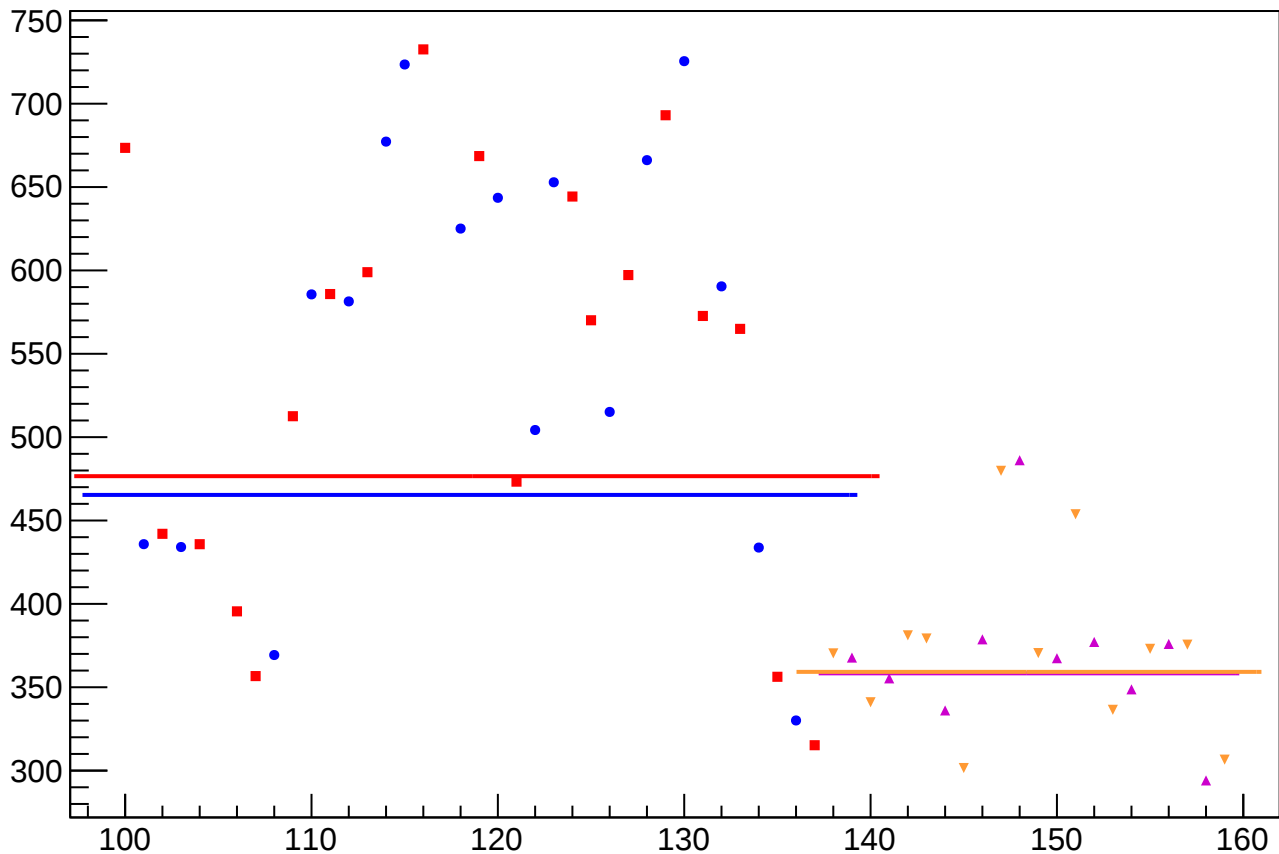
Left In: -5.123 $\pm$ 125.887 χ^2 /NDF:17.7/9

+ sign 99.287 $\pm$ 101.077 χ^2 /NDF: 34.6/28

All: 34.795 $\pm$ 72.444 χ^2 /NDF: 73.4/57

- sign -33.326 $\pm$ 103.882 χ^2 /NDF: 37.9/28

asym_sam_13_57_dd_rms vs Slug



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 359.225 $\pm$ 0.085 χ^2 /NDF: 297796.8/11

Right Out: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

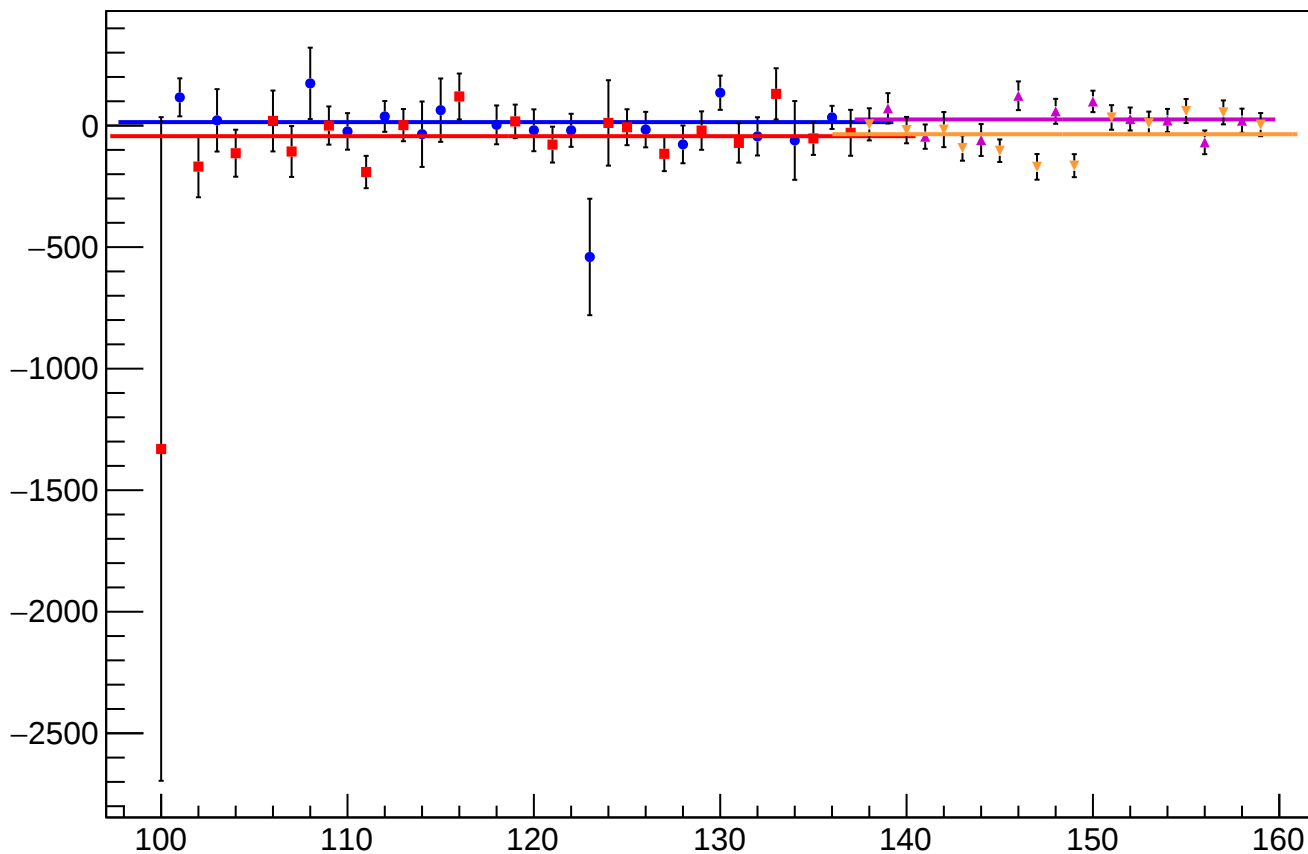
Left In: 358.336 $\pm$ 0.089 χ^2 /NDF: 211932.7/9

+ sign 390.575 $\pm$ 0.071 χ^2 /NDF: 1617151.4/28

All: 393.245 $\pm$ 0.051 χ^2 /NDF: 3148003.7/57

- sign 396.066 $\pm$ 0.073 χ^2 /NDF: 1527981.5/28

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 14.253 ± 19.867 χ^2/NDF : 14.8/16

Left Out: -35.503 ± 14.922 χ^2/NDF : 28.3/11

Right Out: -43.602 ± 19.648 χ^2/NDF : 17.0/18

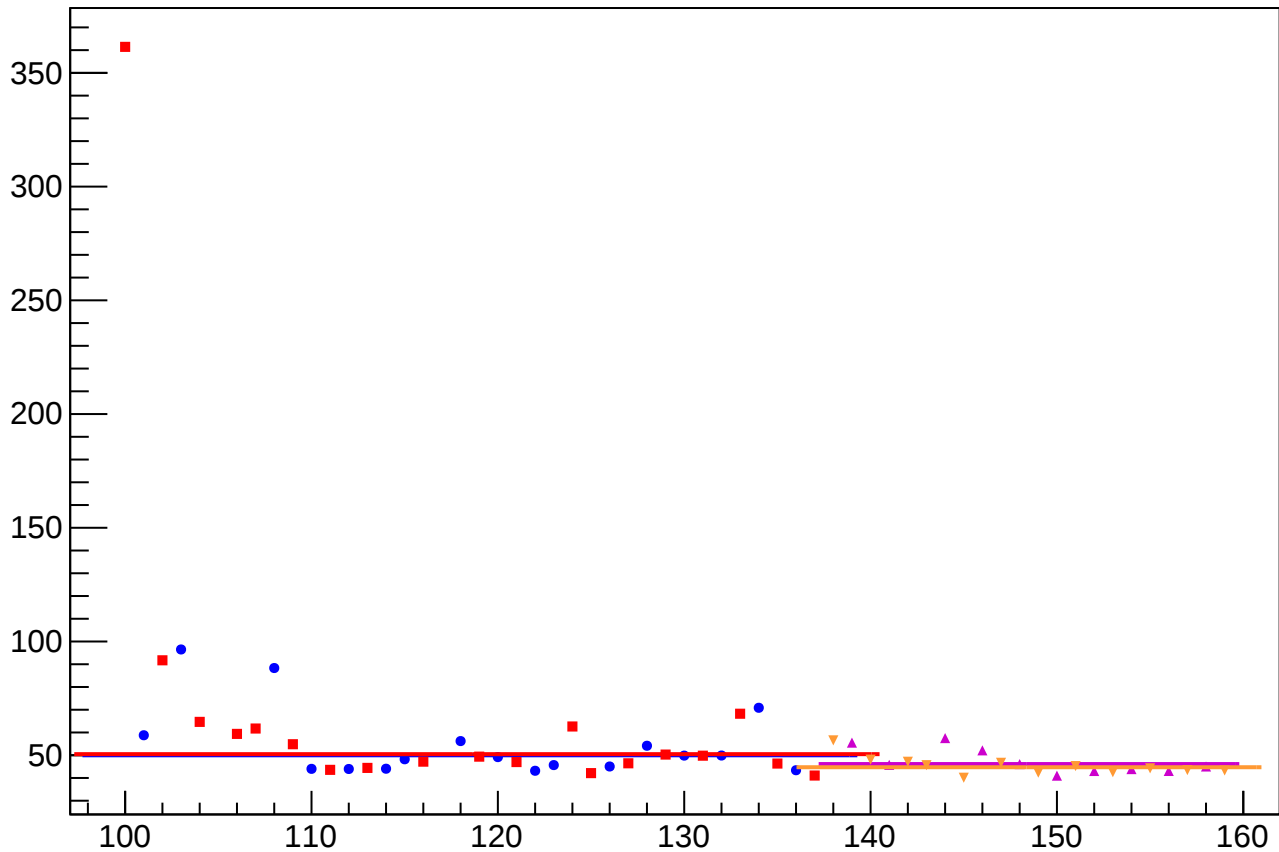
Left In: 25.157 ± 16.268 χ^2/NDF : 13.9/9

+ sign -17.557 ± 11.931 χ^2/NDF : 47.1/28

All: -10.545 ± 8.641 χ^2/NDF : 86.1/57

- sign -2.810 ± 12.530 χ^2/NDF : 38.2/28

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 44.721+/-0.011 χ^2/NDF : 109509.2/11

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

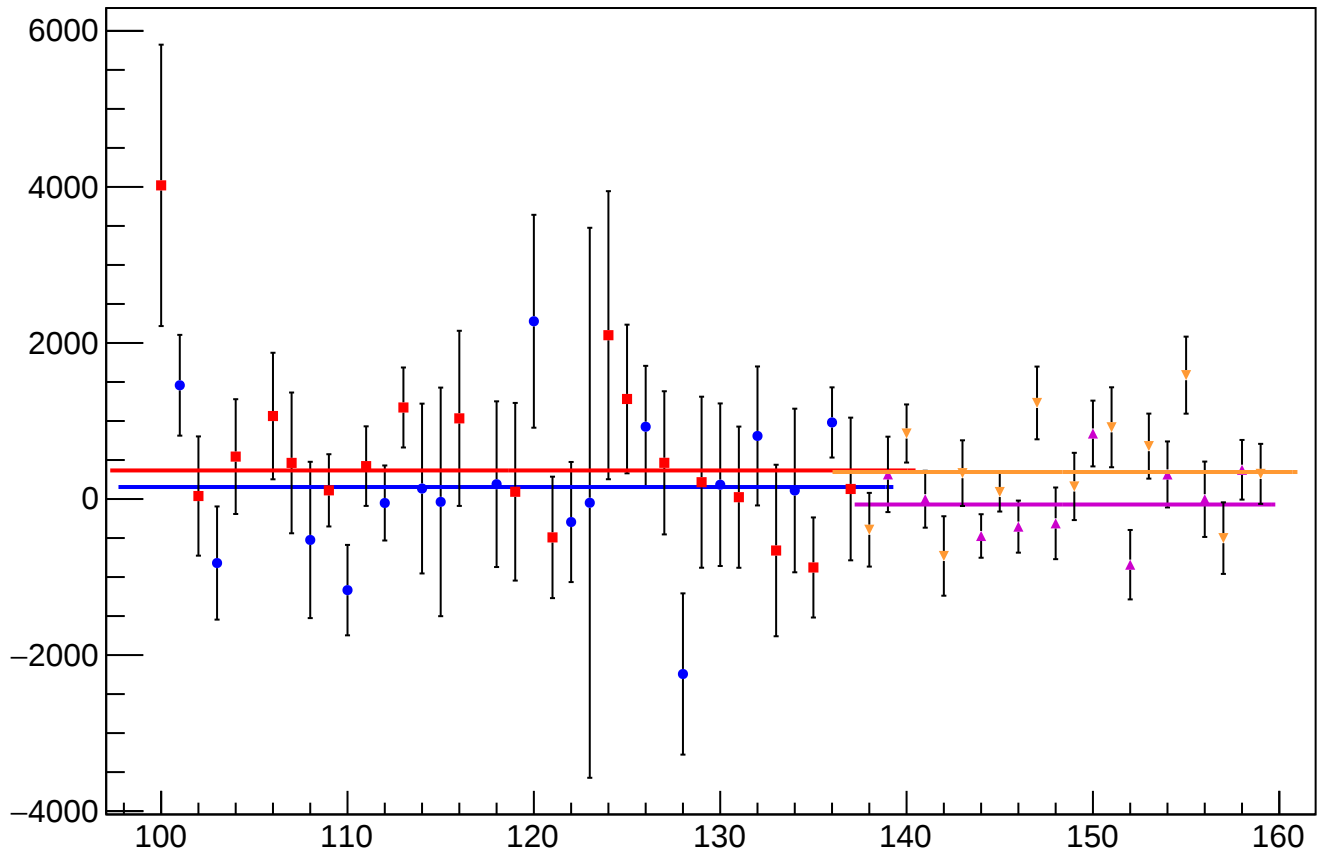
Left In: 46.117+/-0.012 χ^2/NDF : 175019.6/9

+ sign 46.615+/-0.008 χ^2/NDF : 777639.6/28

All: 47.221+/-0.006 χ^2/NDF : 1593085.4/57

- sign 47.889+/-0.009 χ^2/NDF : 804607.0/28

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 346.274 $\pm$ 117.611 χ^2 /NDF:25.1/11

Right Out: 366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

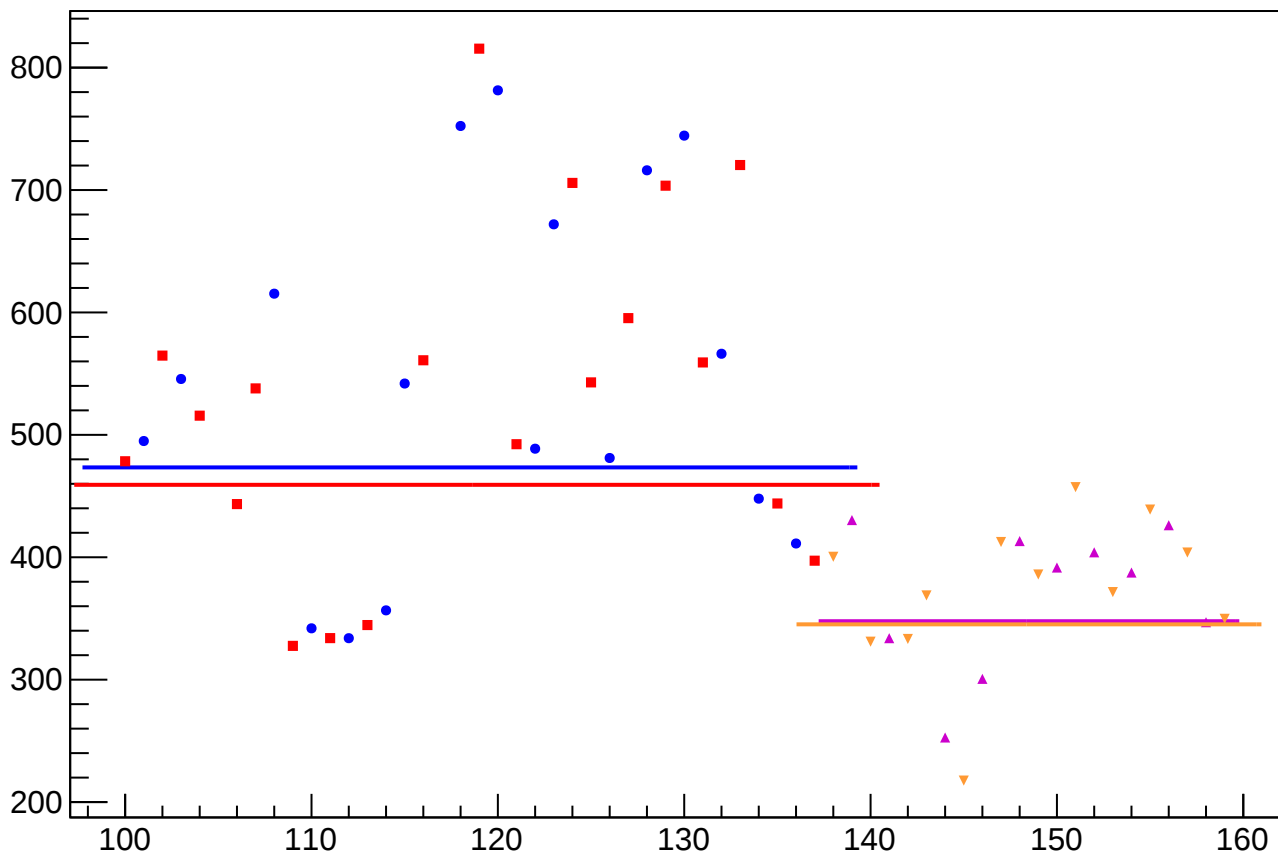
Left In: -70.314 $\pm$ 123.301 χ^2 /NDF:13.6/9

+ sign 292.951 $\pm$ 99.997 χ^2 /NDF: 50.7/28

All: 183.304 $\pm$ 71.243 χ^2 /NDF: 87.0/57

- sign 70.279 $\pm$ 101.525 χ^2 /NDF: 33.9/28

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 473.406 $\pm$ 0.134 χ^2/NDF : 914927.8/16

Left Out: 345.205 $\pm$ 0.083 χ^2/NDF : 825254.0/11

Right Out: 459.180 $\pm$ 0.127 χ^2/NDF : 1006487.4/18

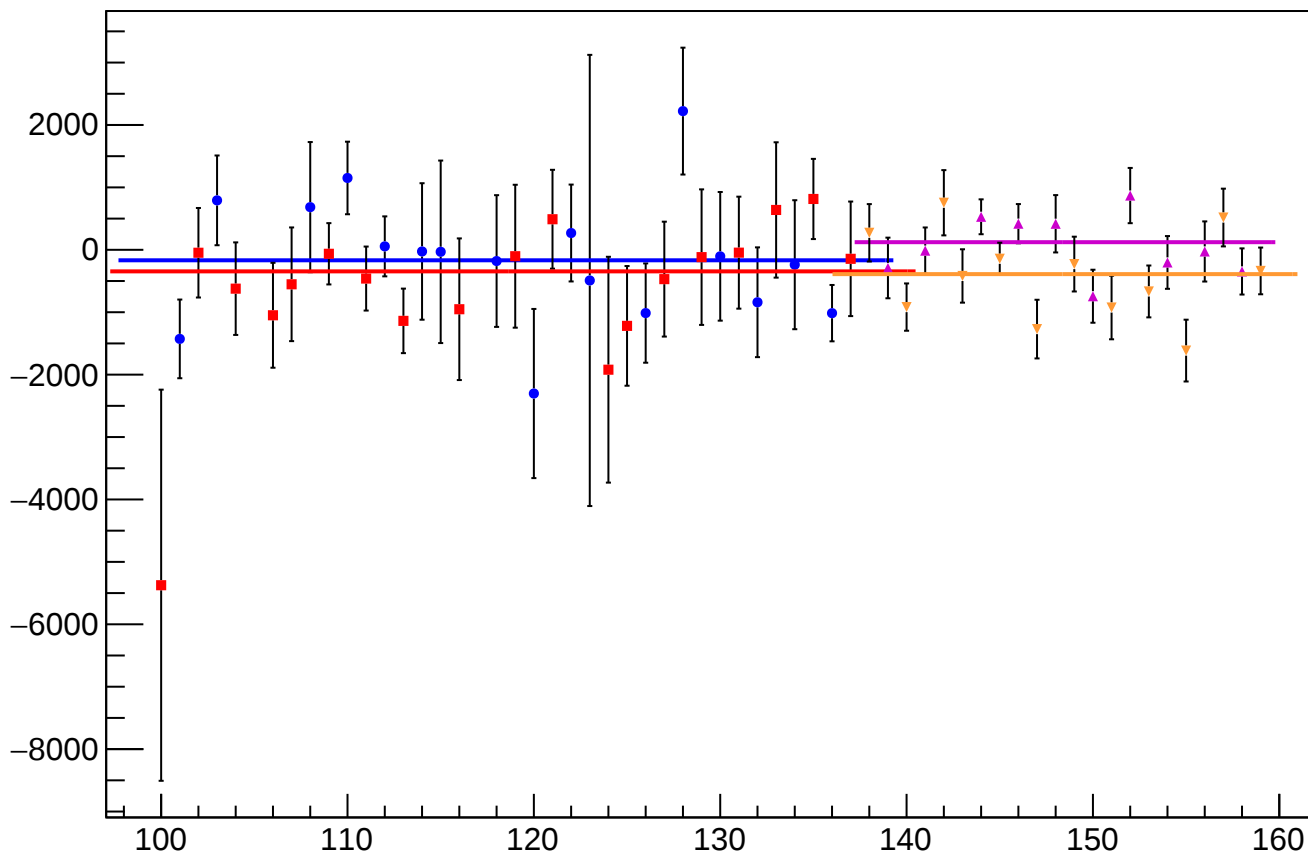
Left In: 347.758 $\pm$ 0.087 χ^2/NDF : 497838.1/9

+ sign 380.730 $\pm$ 0.071 χ^2/NDF : 2398681.0/28

All: 382.162 $\pm$ 0.050 χ^2/NDF : 4429770.0/57

- sign 383.638 $\pm$ 0.072 χ^2/NDF : 2030255.6/28

asym_sam_15_37_dd_mean vs Slug



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -389.607+/-118.479 χ^2/NDF : 24.9/11

Right Out: -345.481+/-181.255 χ^2/NDF : 13.7/18

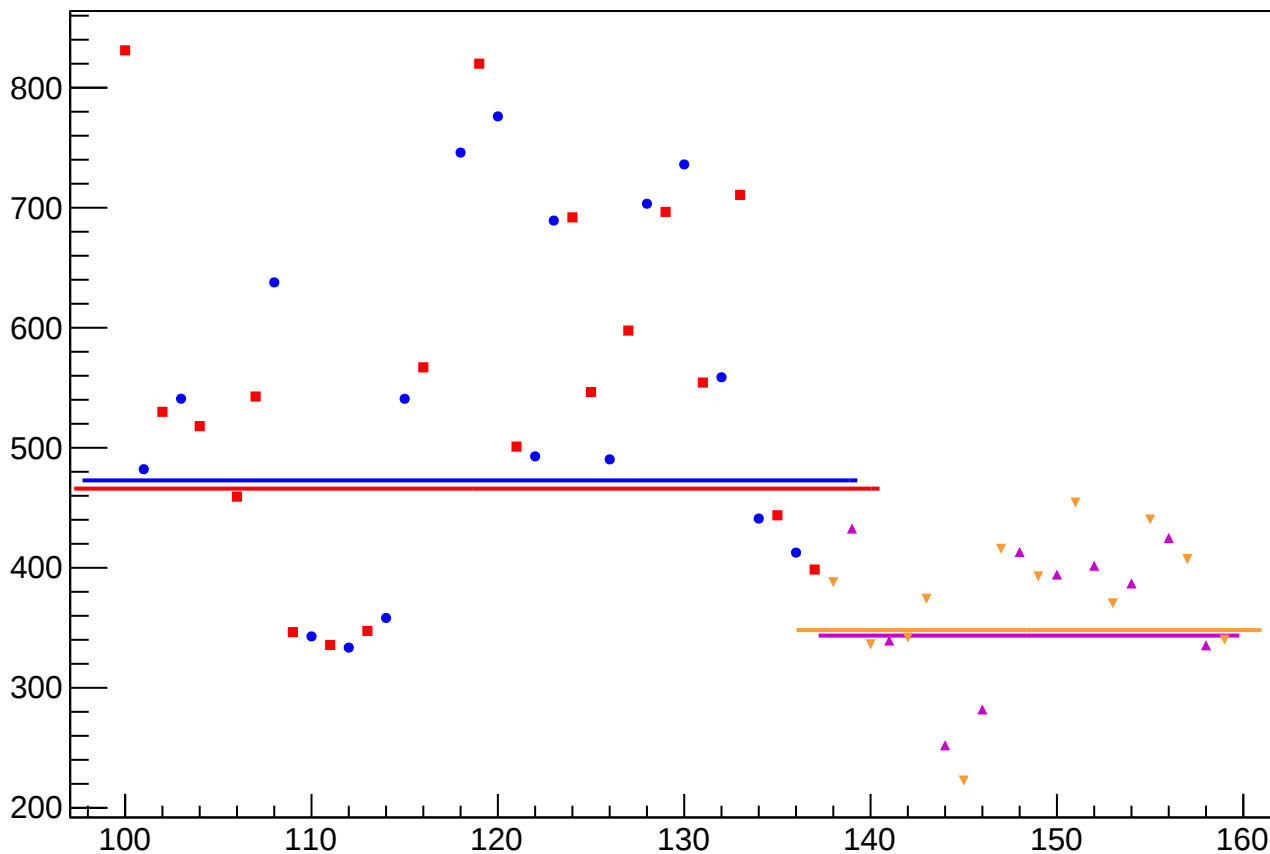
Left In: 122.127+/-122.138 χ^2/NDF : 13.6/9

+ sign -327.462+/-100.499 χ^2/NDF : 51.3/28

All: -176.866+/-71.341 χ^2/NDF : 87.7/57

- sign -23.895+/-101.288 χ^2/NDF : 31.9/28

asym_sam_15_37_dd_rms vs Slug



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 348.076 $\pm$ 0.084 χ^2 /NDF: 759206.6/11

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

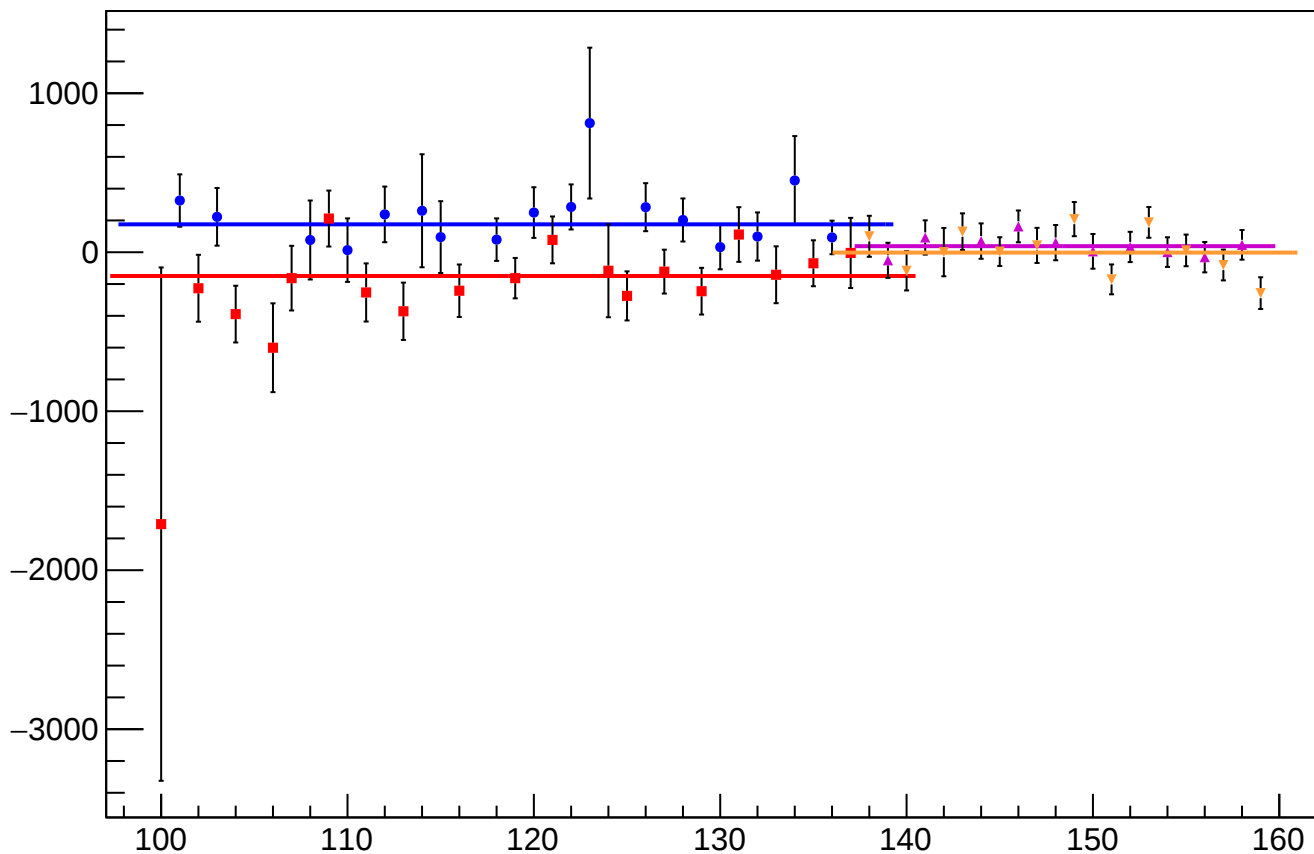
Left In: 343.517 $\pm$ 0.086 χ^2 /NDF: 546548.7/9

+ sign 383.065 $\pm$ 0.071 χ^2 /NDF: 2277457.5/28

All: 382.418 $\pm$ 0.050 χ^2 /NDF: 4394150.0/57

- sign 381.761 $\pm$ 0.072 χ^2 /NDF: 2116525.3/28

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: -2.157 ± 30.664 χ^2/NDF : 21.1/11

Right Out: -149.419 ± 40.319 χ^2/NDF : 18.4/18

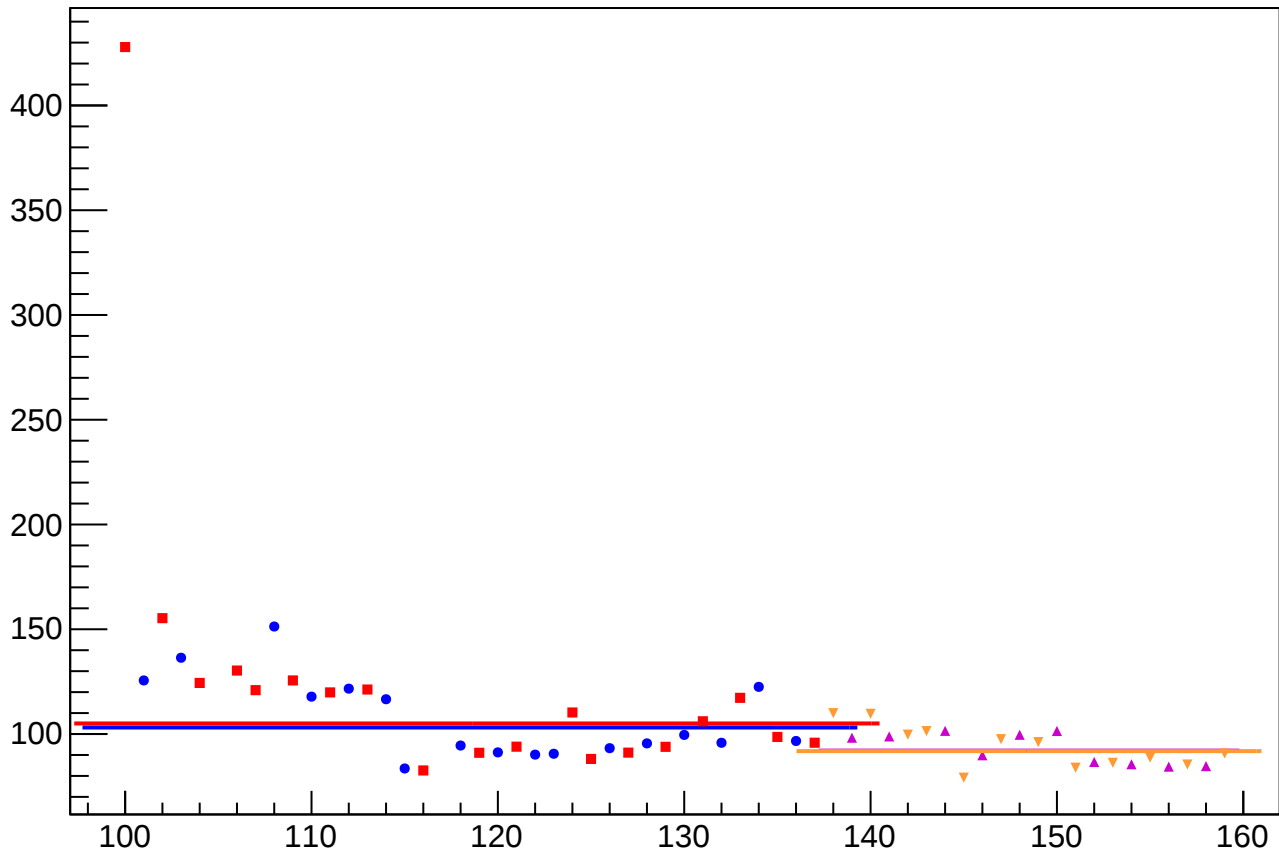
Left In: 38.188 ± 32.211 χ^2/NDF : 3.4/9

+ sign 62.853 ± 24.416 χ^2/NDF : 42.0/28

All: 15.455 ± 17.524 χ^2/NDF : 84.7/57

- sign -34.901 ± 25.166 χ^2/NDF : 35.0/28

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 91.837 $\pm$ 0.022 χ^2 /NDF:179654.7/11

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

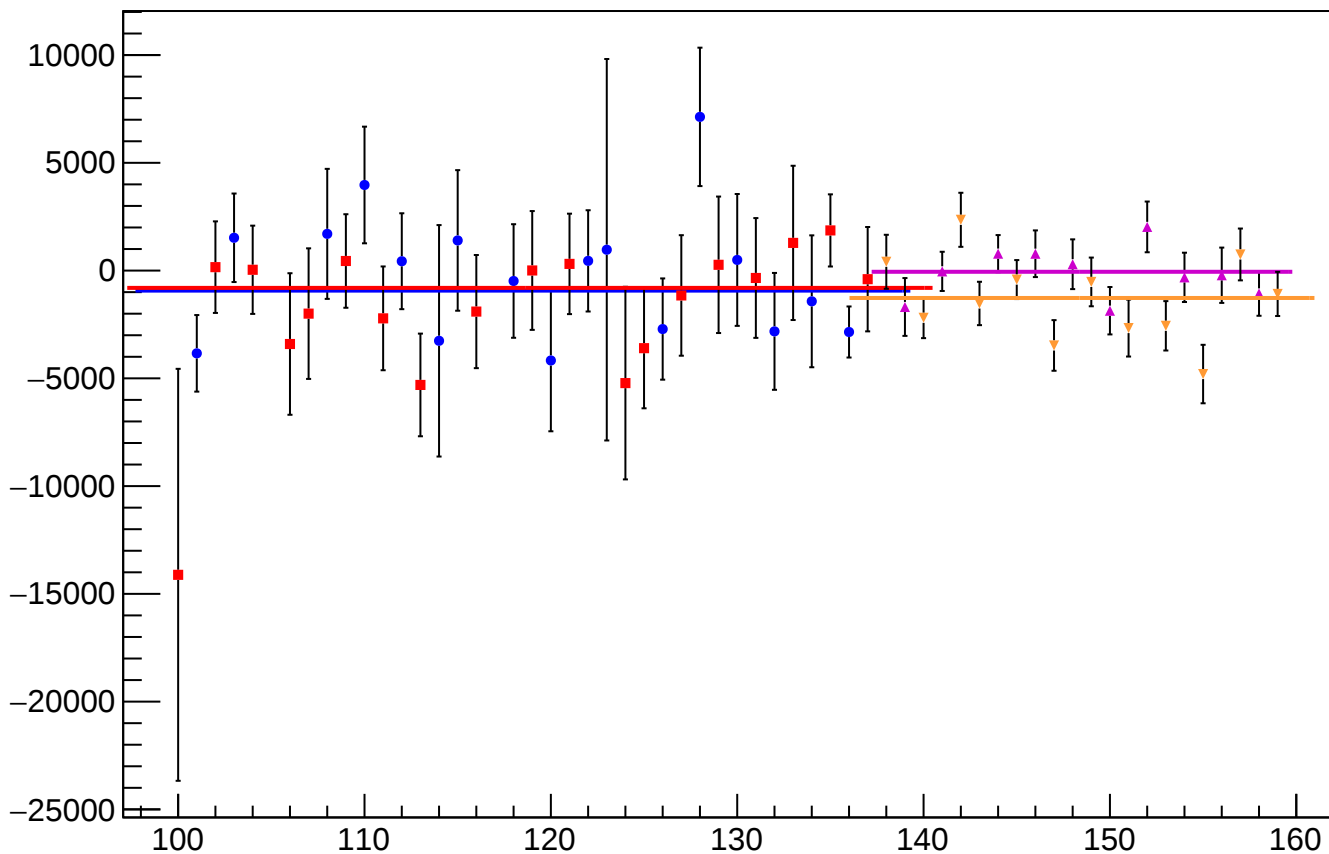
Left In: 92.080 $\pm$ 0.023 χ^2 /NDF:95096.4/9

+ sign 95.964 $\pm$ 0.017 χ^2 /NDF: 585061.5/28

All: 96.530 $\pm$ 0.012 χ^2 /NDF: 1257324.1/57

- sign 97.131 $\pm$ 0.018 χ^2 /NDF: 670046.3/28

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -928.932 ± 586.968 χ^2/NDF : 20.9/16

Left Out: -1270.764 ± 322.146 χ^2/NDF : 28.0/11

Right Out: -802.855 ± 593.810 χ^2/NDF : 12.9/18

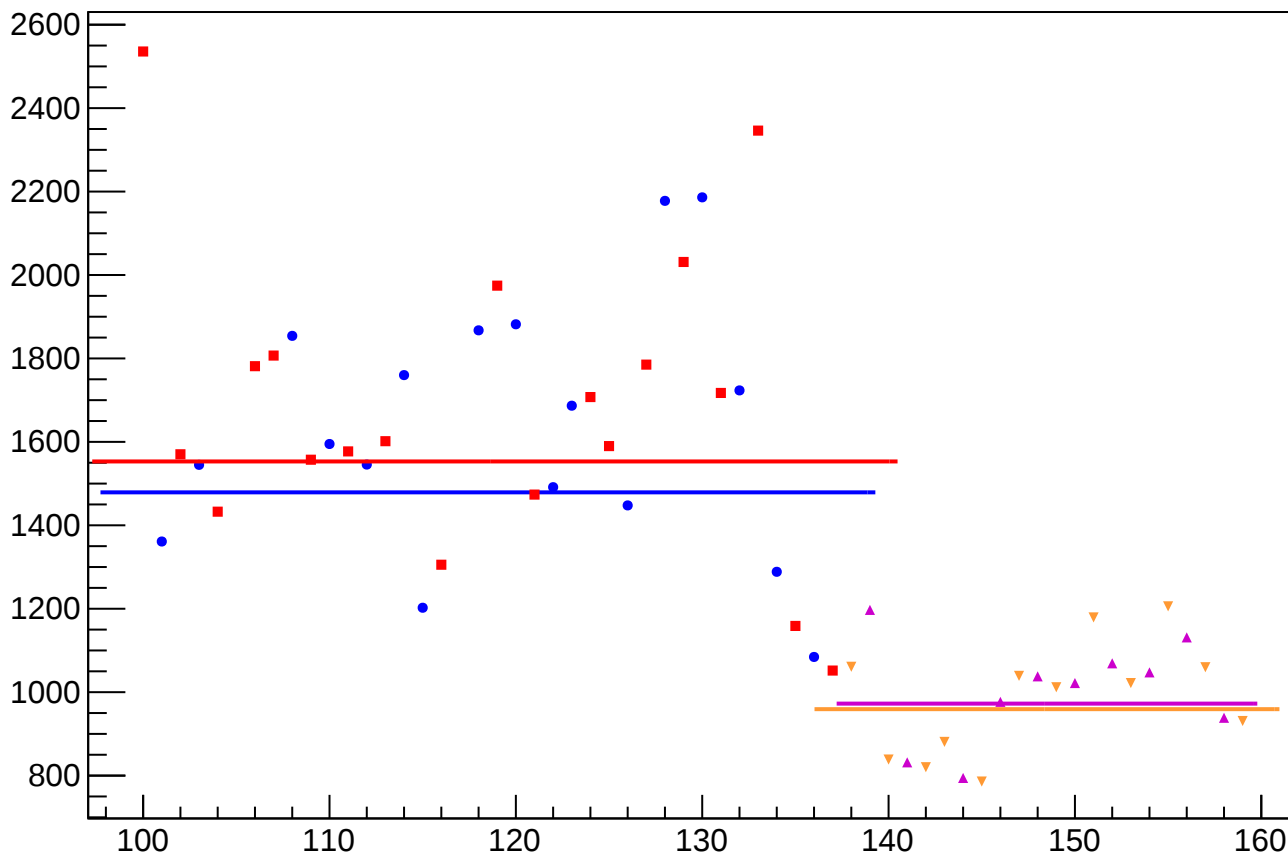
Left In: -55.755 ± 341.613 χ^2/NDF : 10.0/9

+ sign -1191.634 ± 282.409 χ^2/NDF : 49.1/28

All: -739.070 ± 204.365 χ^2/NDF : 78.6/57

- sign -241.530 ± 296.109 χ^2/NDF : 24.0/28

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 959.291 $\pm$ 0.228 χ^2 /NDF: 312701.1/11

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

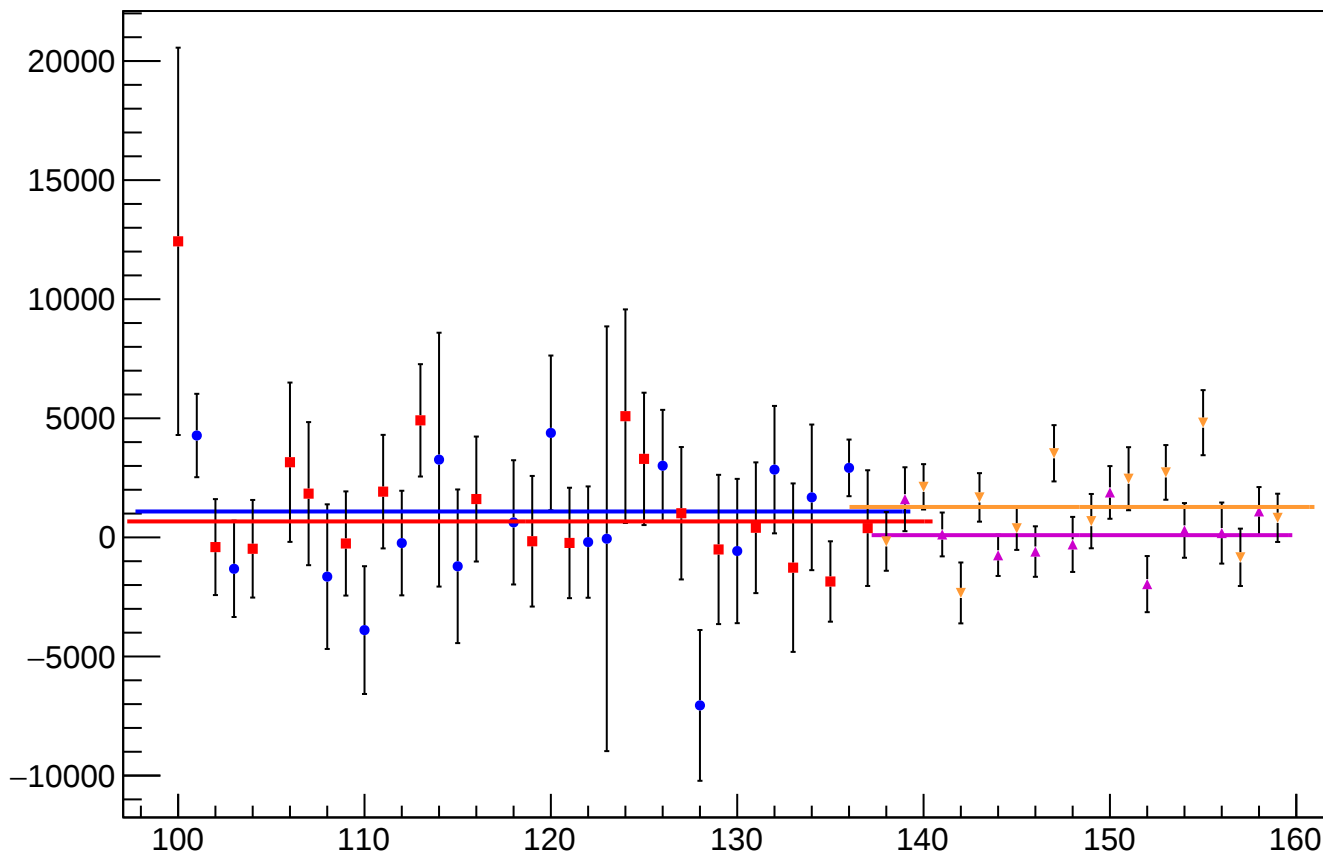
Left In: 972.577 $\pm$ 0.242 χ^2 /NDF: 254725.0/9

+ sign 1079.595 $\pm$ 0.200 χ^2 /NDF: 2107242.1/28

All: 1097.376 $\pm$ 0.145 χ^2 /NDF: 4298452.0/57

- sign 1116.924 $\pm$ 0.209 χ^2 /NDF: 2174565.1/28

asym_sam_24_68_dd_mean vs Slug



Right In: 1087.987 ± 583.326 χ^2/NDF : 21.8/16

Left Out: 1277.587 ± 323.294 χ^2/NDF : 27.6/11

Right Out: 670.176 ± 589.991 χ^2/NDF : 12.0/18

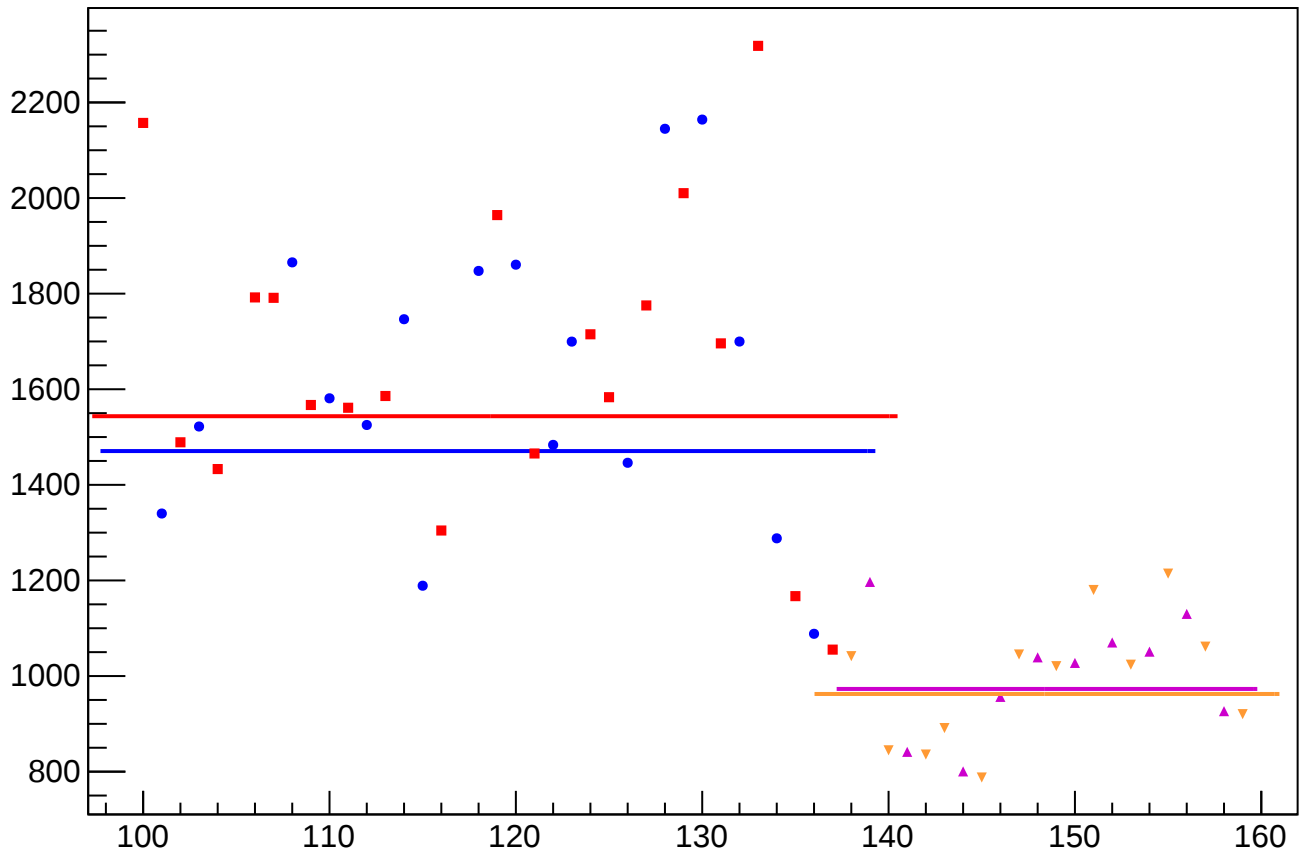
Left In: 93.843 ± 341.756 χ^2/NDF : 9.4/9

+ sign 1233.033 ± 282.769 χ^2/NDF : 49.5/28

All: 758.096 ± 204.375 χ^2/NDF : 77.6/57

- sign 238.640 ± 295.725 χ^2/NDF : 22.2/28

asym_sam_24_68_dd_rms vs Slug



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 962.496+/-0.229 χ^2/NDF : 302167.7/11

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

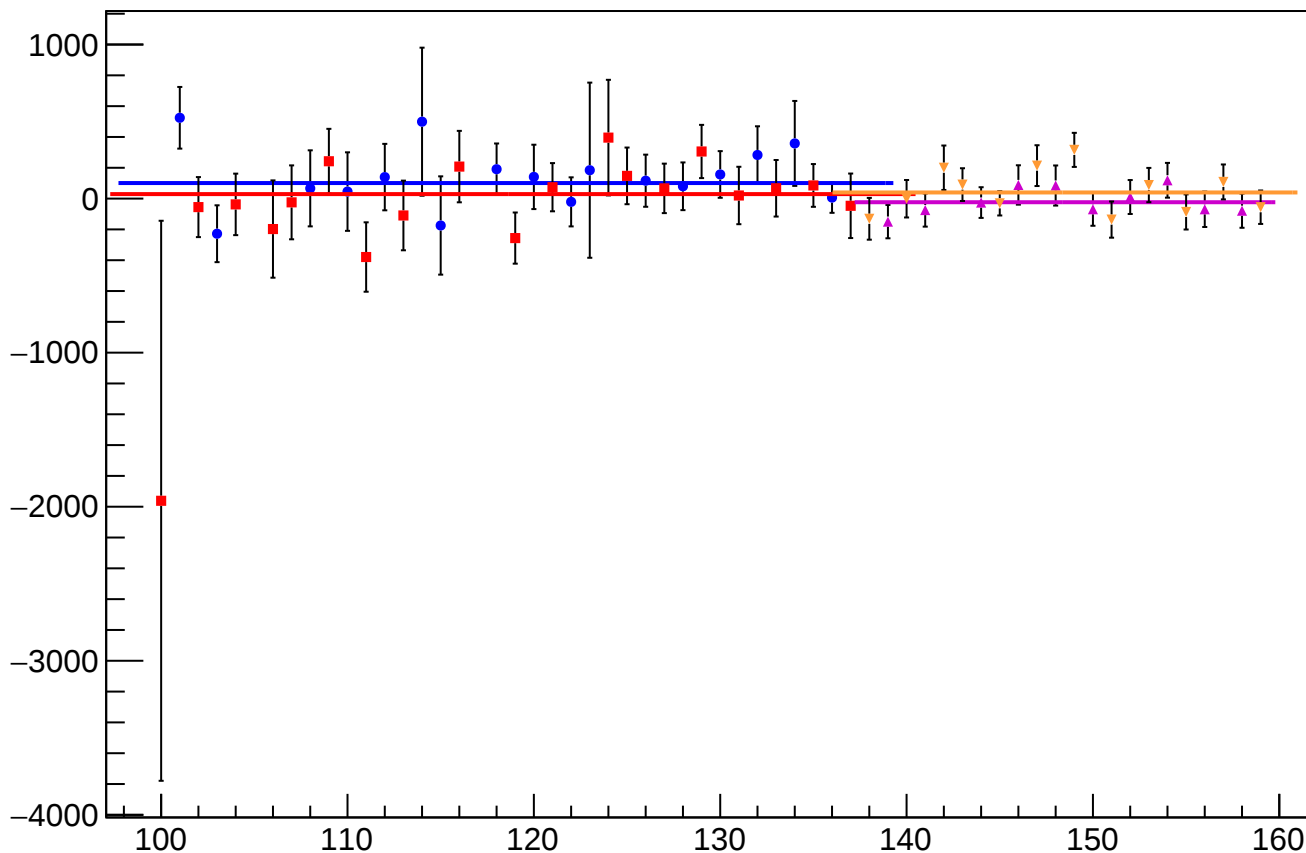
Left In: 973.035+/-0.242 χ^2/NDF : 244301.9/9

+ sign 1081.912+/-0.200 χ^2/NDF : 2031139.8/28

All: 1098.375+/-0.145 χ^2/NDF : 4144365.8/57

- sign 1116.380+/-0.209 χ^2/NDF : 2099033.4/28

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 100.918 ± 45.284 χ^2/NDF : 13.0/16

Left Out: 39.798 ± 32.428 χ^2/NDF : 16.8/11

Right Out: 29.152 ± 45.695 χ^2/NDF : 14.7/18

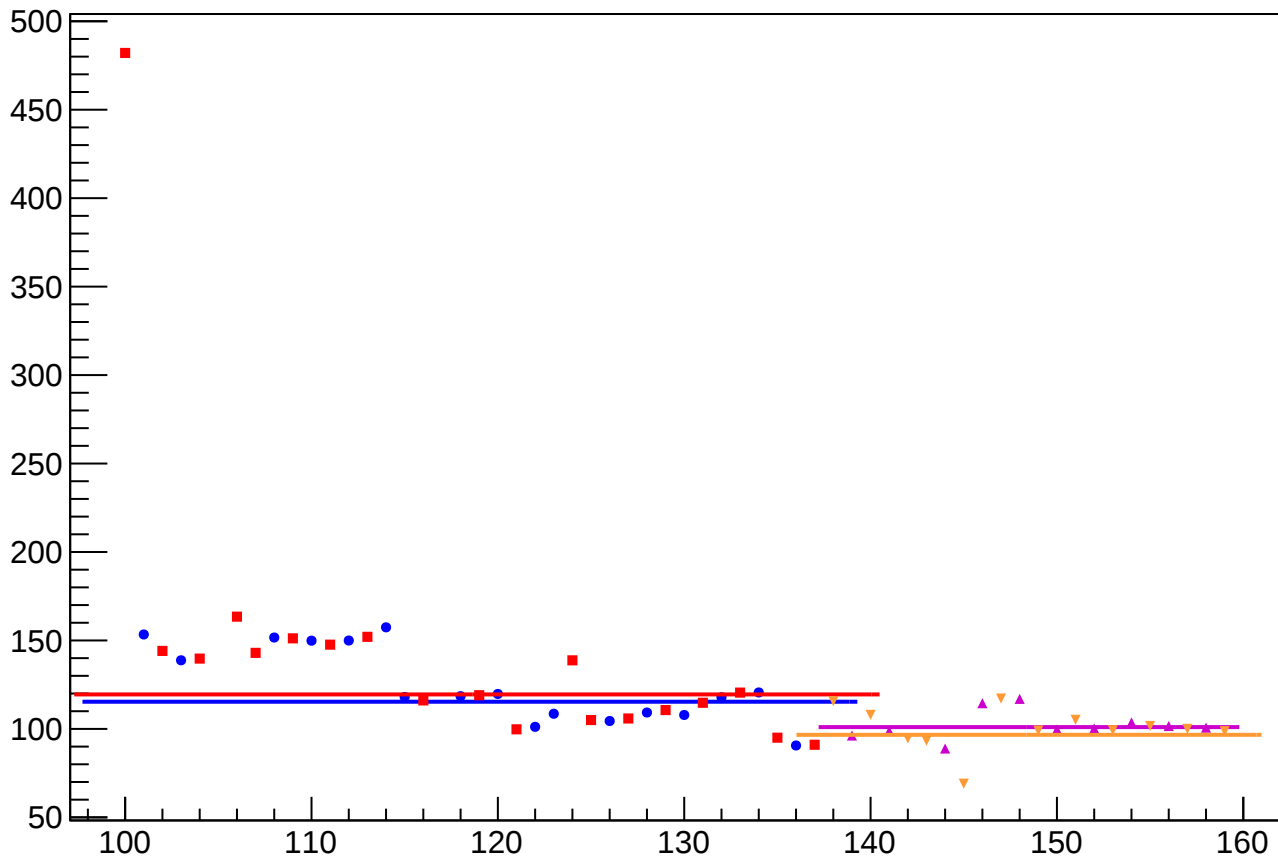
Left In: -23.571 ± 35.409 χ^2/NDF : 5.3/9

+ sign 60.516 ± 26.365 χ^2/NDF : 31.0/28

All: 30.283 ± 19.191 χ^2/NDF : 54.6/57

- sign -3.790 ± 27.989 χ^2/NDF : 20.9/28

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 115.366 $\pm$ 0.032 χ^2/NDF : 411362.6/16

Left Out: 96.650 $\pm$ 0.023 χ^2/NDF : 370715.6/11

Right Out: 119.492 $\pm$ 0.032 χ^2/NDF : 477965.0/18

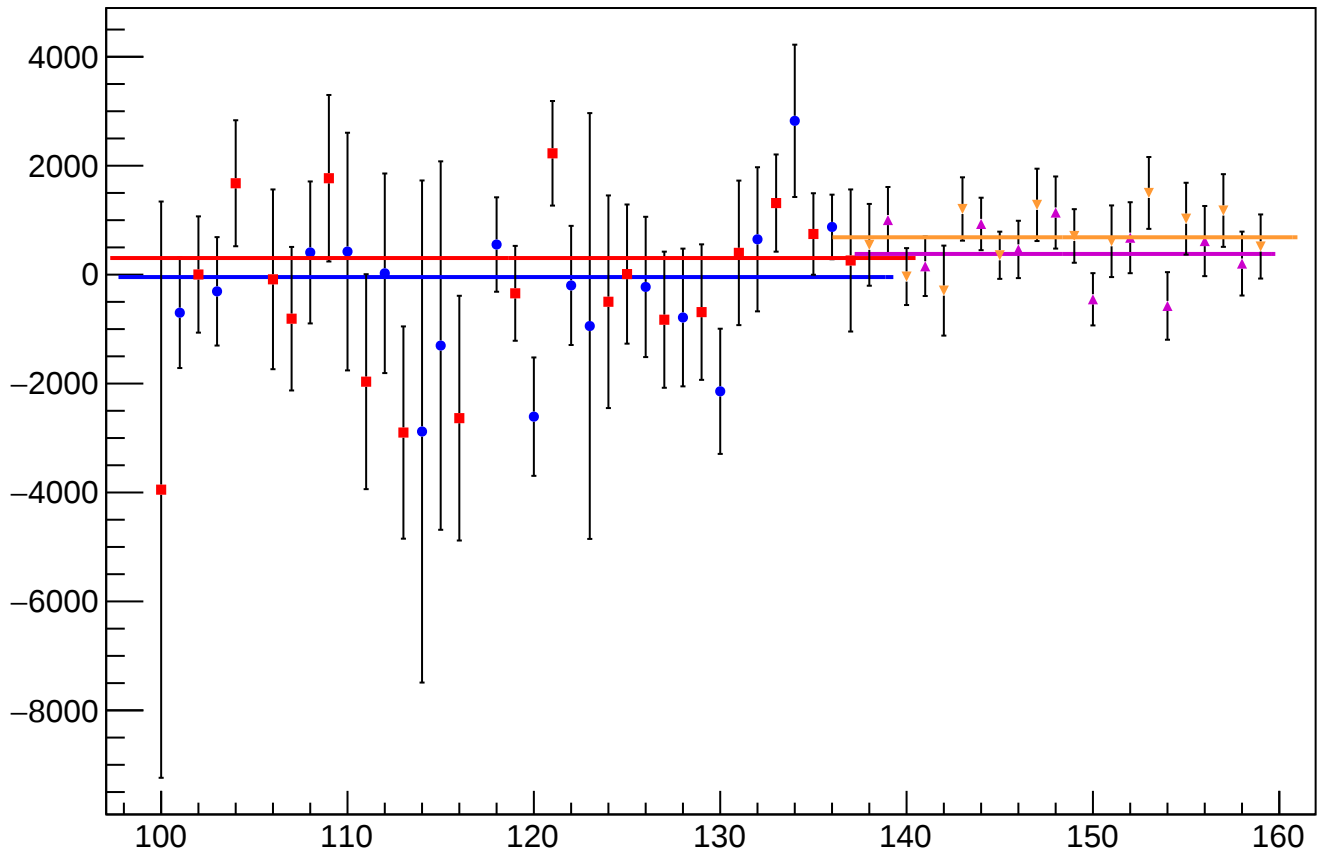
Left In: 101.024 $\pm$ 0.025 χ^2/NDF : 88285.7/9

+ sign 102.994 $\pm$ 0.019 χ^2/NDF : 1007926.1/28

All: 105.325 $\pm$ 0.014 χ^2/NDF : 1811559.6/57

- sign 107.953 $\pm$ 0.020 χ^2/NDF : 770378.7/28

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 686.114 ± 172.456 $\chi^2/\text{NDF}: 8.0/11$

Right Out: 304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

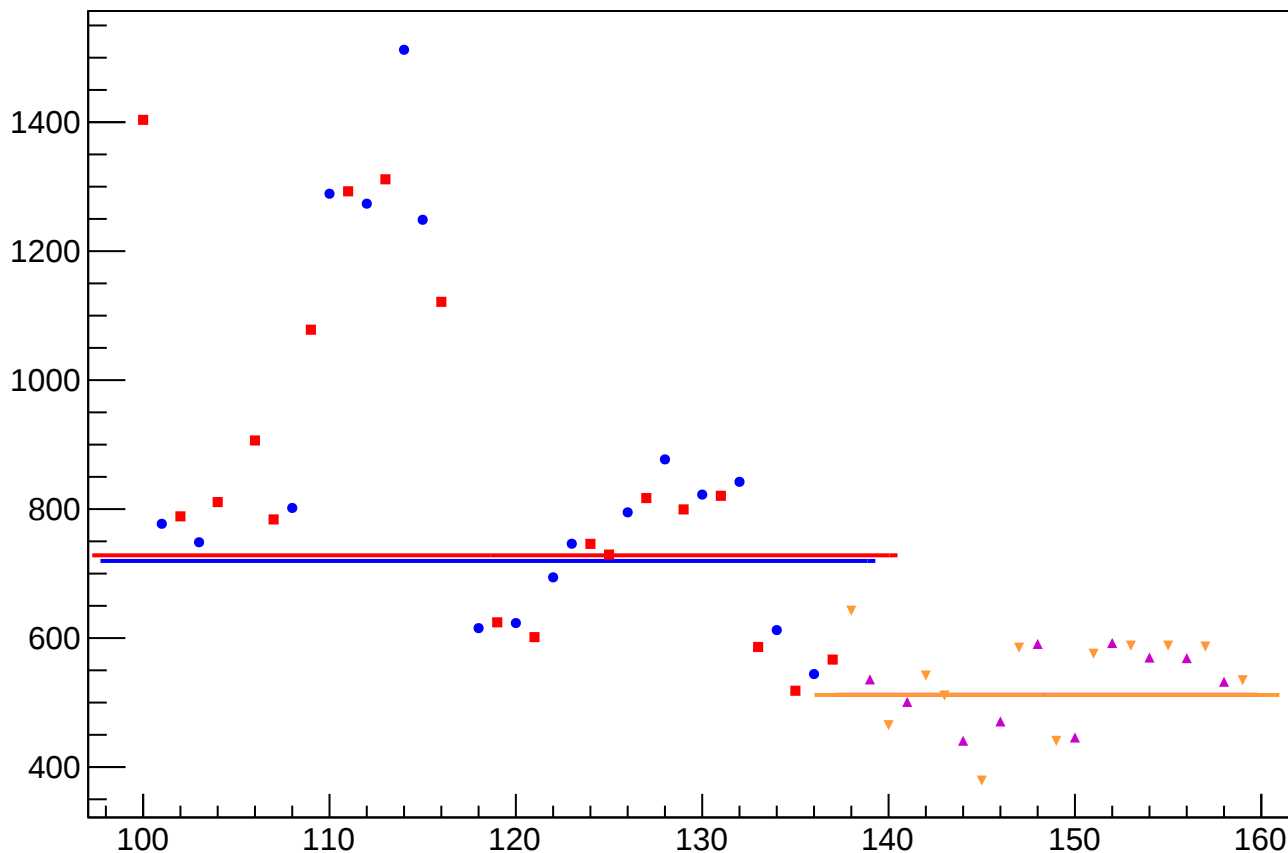
Left In: 379.945 ± 179.945 $\chi^2/\text{NDF}: 9.7/9$

+ sign 491.567 ± 147.724 $\chi^2/\text{NDF}: 30.6/28$

All: 426.737 ± 105.869 $\chi^2/\text{NDF}: 58.2/57$

- sign 358.278 ± 151.803 $\chi^2/\text{NDF}: 27.2/28$

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 719.606 ± 0.202 $\chi^2/\text{NDF}: 746949.1/16$

Left Out: 511.804 ± 0.122 $\chi^2/\text{NDF}: 434494.7/11$

Right Out: 728.331 ± 0.200 $\chi^2/\text{NDF}: 913667.8/18$

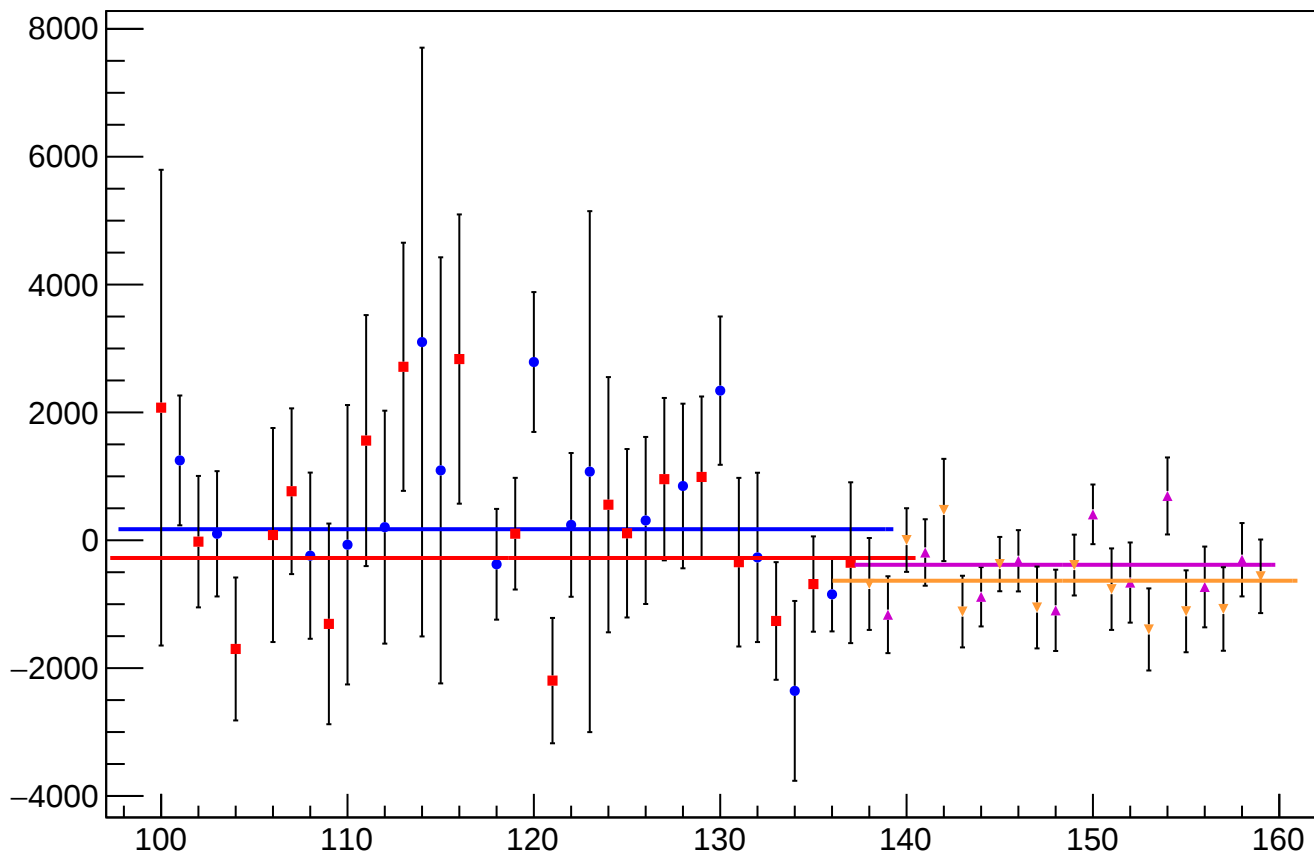
Left In: 512.042 ± 0.127 $\chi^2/\text{NDF}: 192086.3/9$

+ sign 567.133 ± 0.104 $\chi^2/\text{NDF}: 1954615.6/28$

All: 570.669 ± 0.075 $\chi^2/\text{NDF}: 3895837.3/57$

- sign 574.403 ± 0.107 $\chi^2/\text{NDF}: 1938865.6/28$

asym_sam_26_48_dd_mean vs Slug



Right In: 173.182 ± 285.672 χ^2/NDF : 18.1/16

Left Out: -632.851 ± 167.143 χ^2/NDF : 7.8/11

Right Out: -277.145 ± 282.726 χ^2/NDF : 16.0/18

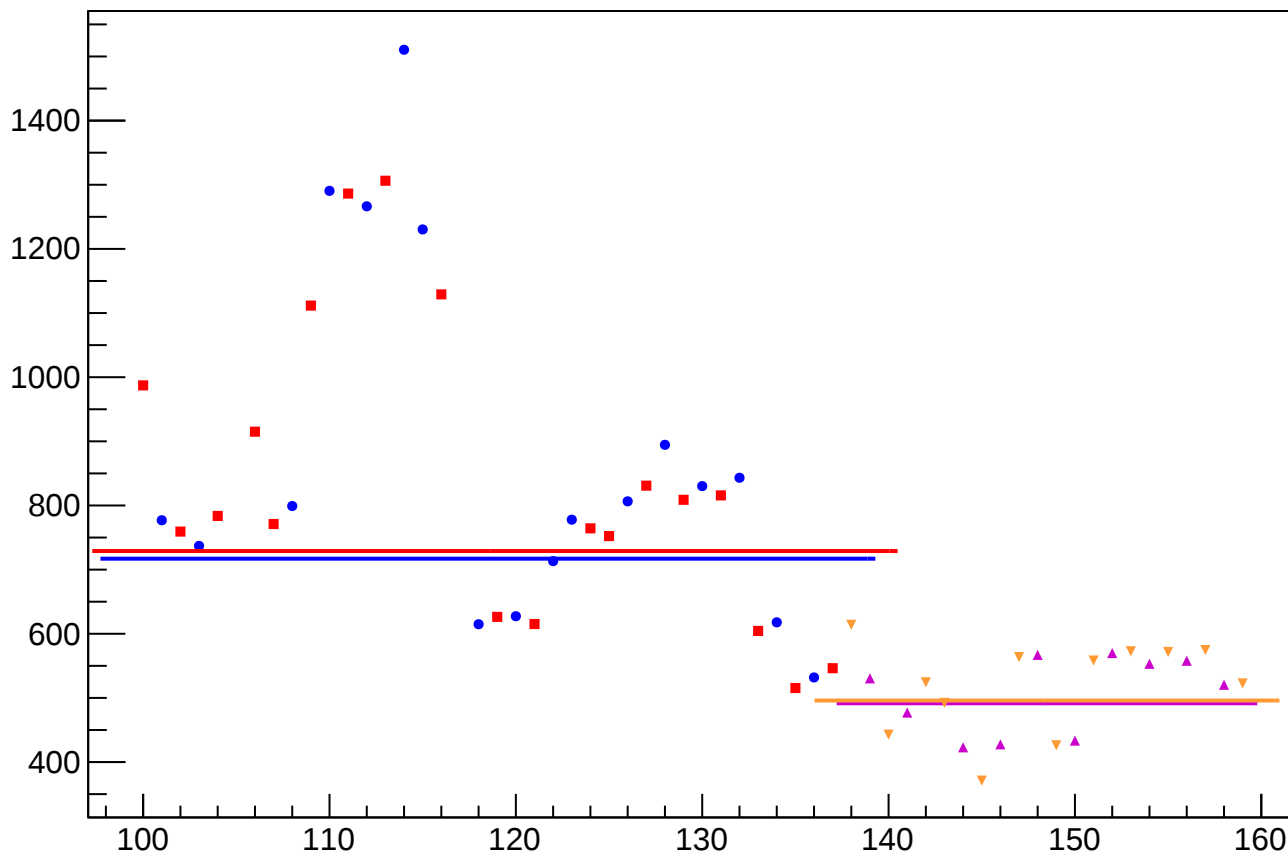
Left In: -383.620 ± 173.122 χ^2/NDF : 10.8/9

+ sign -427.293 ± 144.264 χ^2/NDF : 31.9/28

All: -391.780 ± 103.184 χ^2/NDF : 59.0/57

- sign -354.585 ± 147.642 χ^2/NDF : 27.0/28

asym_sam_26_48_dd_rms vs Slug



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 495.954+/-0.118 χ^2/NDF : 426362.4/11

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

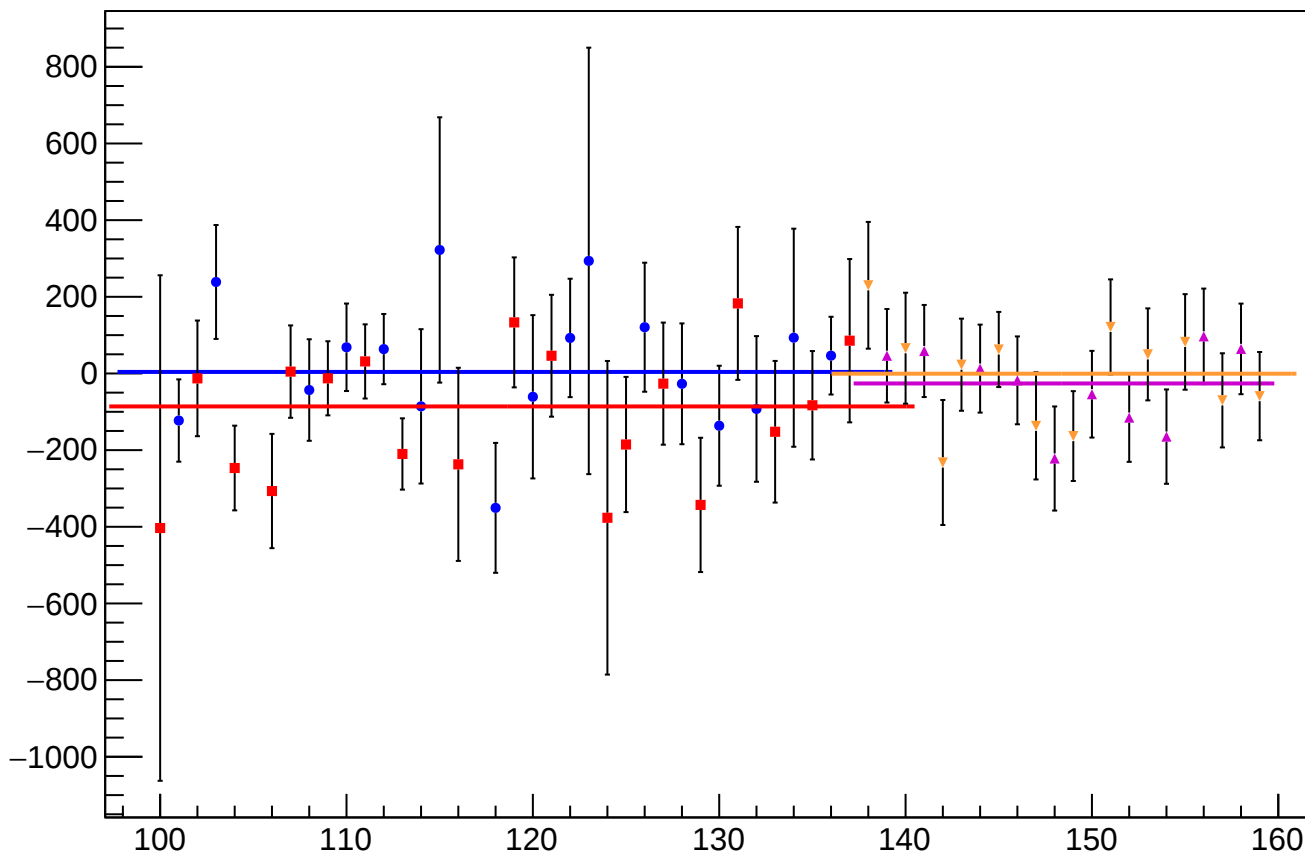
Left In: 491.594+/-0.122 χ^2/NDF : 227718.1/9

+ sign 552.347+/-0.102 χ^2/NDF : 2101553.6/28

All: 554.294+/-0.073 χ^2/NDF : 4246287.6/57

- sign 556.332+/-0.104 χ^2/NDF : 2143988.8/28

dit_asym_sam_1548_avg_mean vs Slug



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: -0.574 ± 36.282 χ^2/NDF : 9.7/11

Right Out: -86.020 ± 33.370 χ^2/NDF : 17.6/18

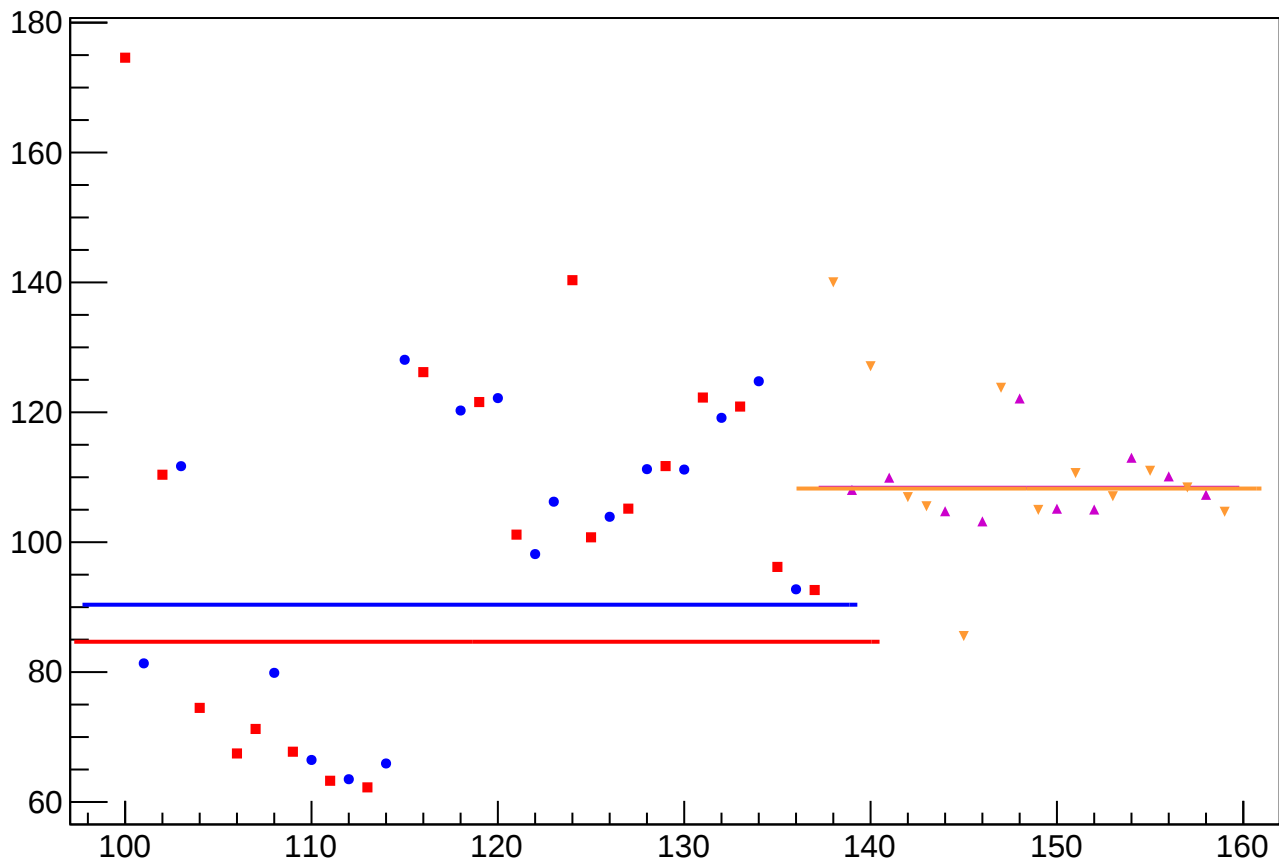
Left In: -26.059 ± 37.852 χ^2/NDF : 6.5/9

+ sign 1.739 ± 25.537 χ^2/NDF : 22.4/28

All: -29.644 ± 17.876 χ^2/NDF : 50.9/57

- sign -59.798 ± 25.032 χ^2/NDF : 25.5/28

dit_asym_sam_1548_avg_rms vs Slug



Right In: 90.375 ± 0.025 χ^2/NDF : 654139.7/16

Left Out: 108.263 ± 0.026 χ^2/NDF : 246075.3/11

Right Out: 84.673 ± 0.024 χ^2/NDF : 908123.4/18

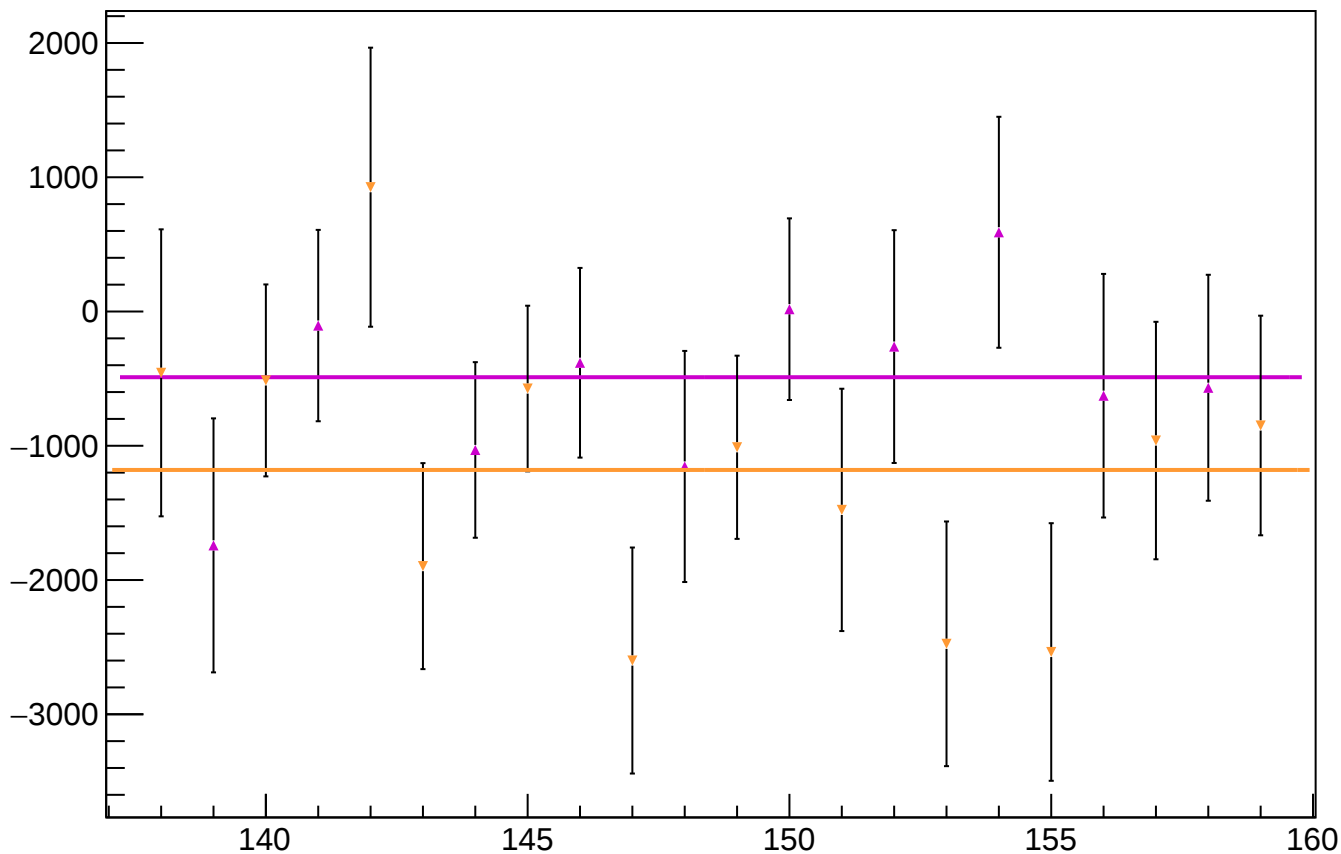
Left In: 108.383 ± 0.027 χ^2/NDF : 33598.4/9

+ sign 99.237 ± 0.018 χ^2/NDF : 1145516.3/28

All: 97.097 ± 0.013 χ^2/NDF : 2556307.1/57

- sign 95.042 ± 0.018 χ^2/NDF : 1383262.7/28

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -1180.119+/-236.127 χ^2/NDF : 14.5/11

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

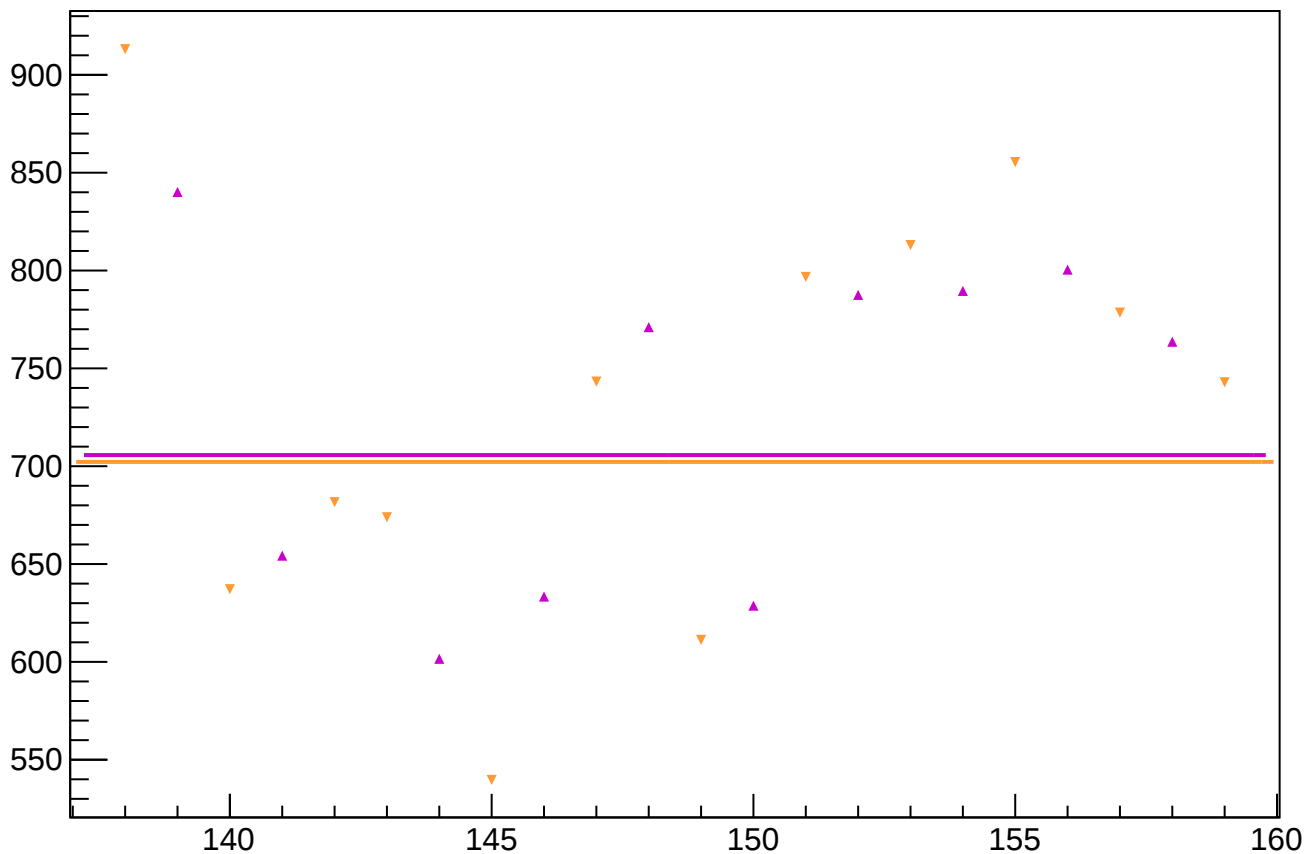
Left In: -489.353+/-247.899 χ^2/NDF : 5.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -851.526+/-170.977 χ^2/NDF : 24.2/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 702.206+/-0.167 χ^2/NDF : 399438.1/11

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

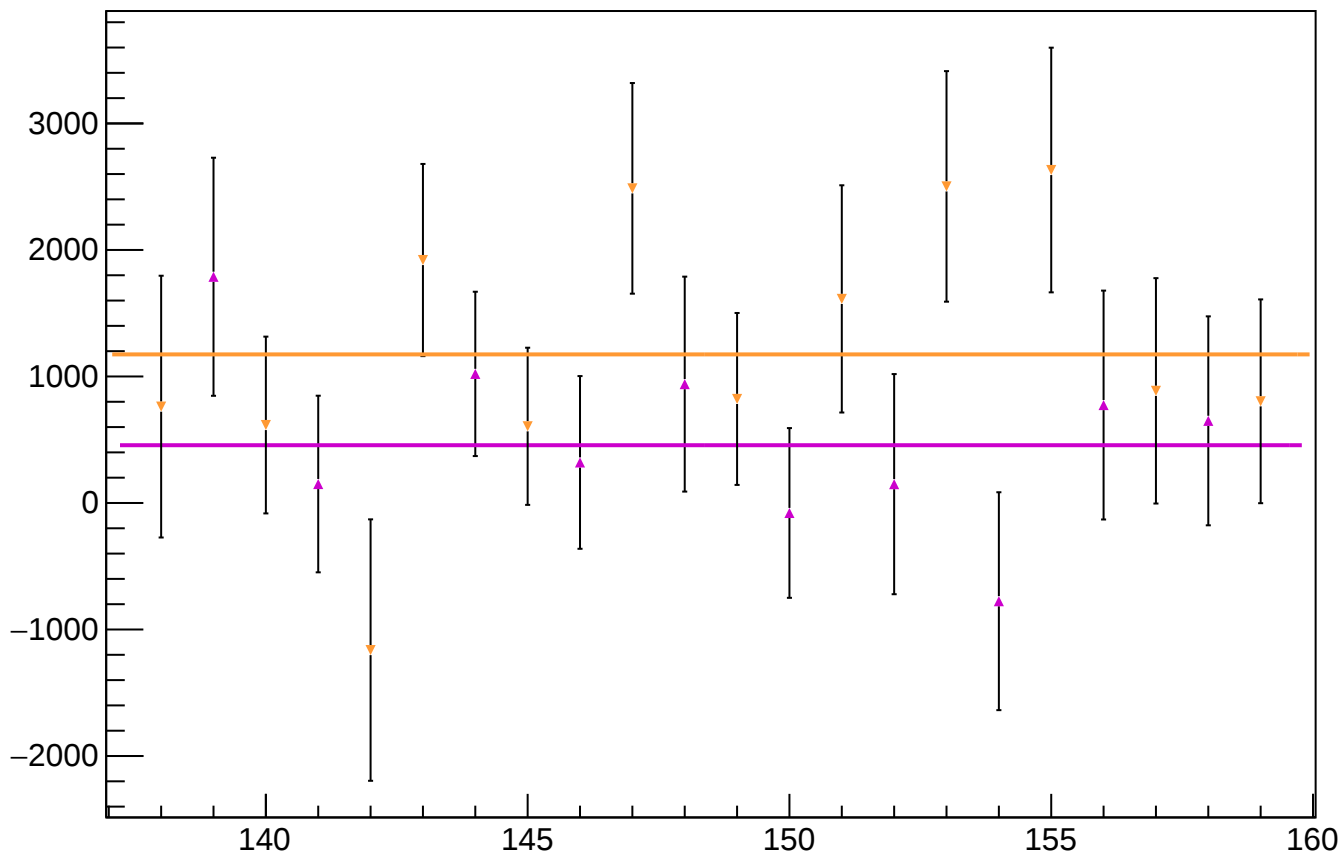
Left In: 705.694+/-0.175 χ^2/NDF : 228051.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.865+/-0.121 χ^2/NDF : 627697.0/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



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

Left Out: 1174.485+/-234.603 χ^2/NDF :15.4/11

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

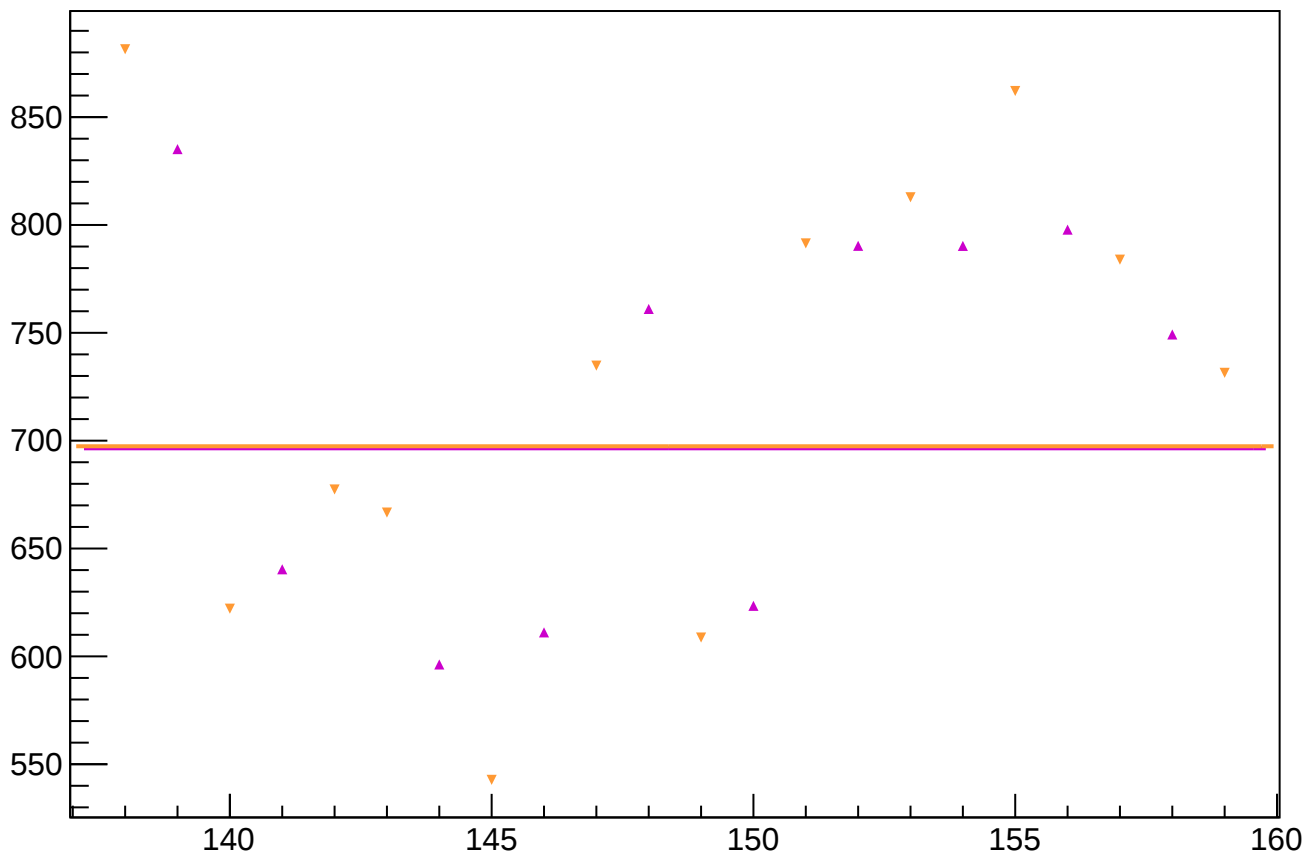
Left In: 456.624+/-244.963 χ^2/NDF :6.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 831.056+/-169.434 χ^2/NDF : 26.2/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



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

Left Out: 697.407+/-0.166 χ^2/NDF : 387132.9/11

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

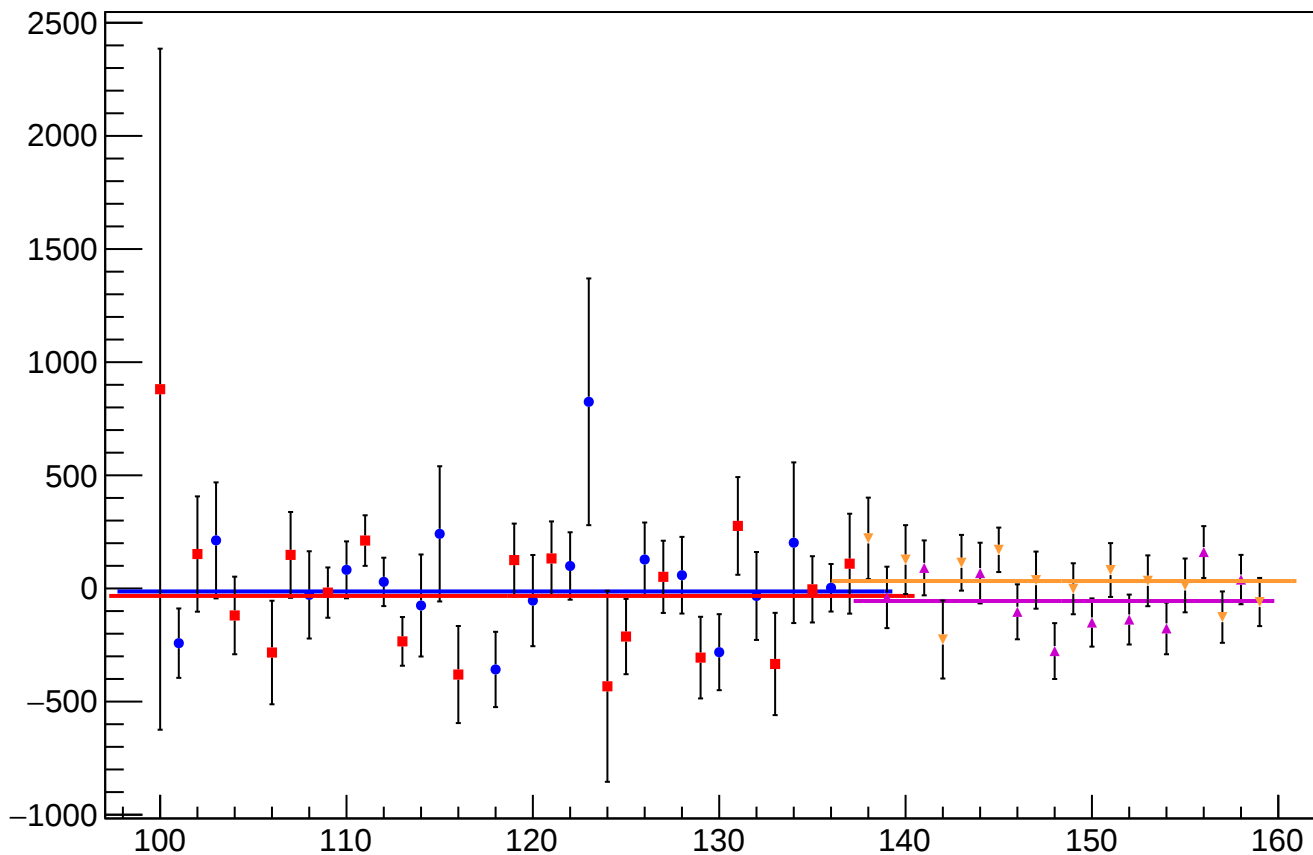
Left In: 696.457+/-0.173 χ^2/NDF : 250858.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.953+/-0.120 χ^2/NDF : 638006.9/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 32.802 ± 35.241 χ^2/NDF : 9.1/11

Right Out: -33.027 ± 38.878 χ^2/NDF : 25.1/18

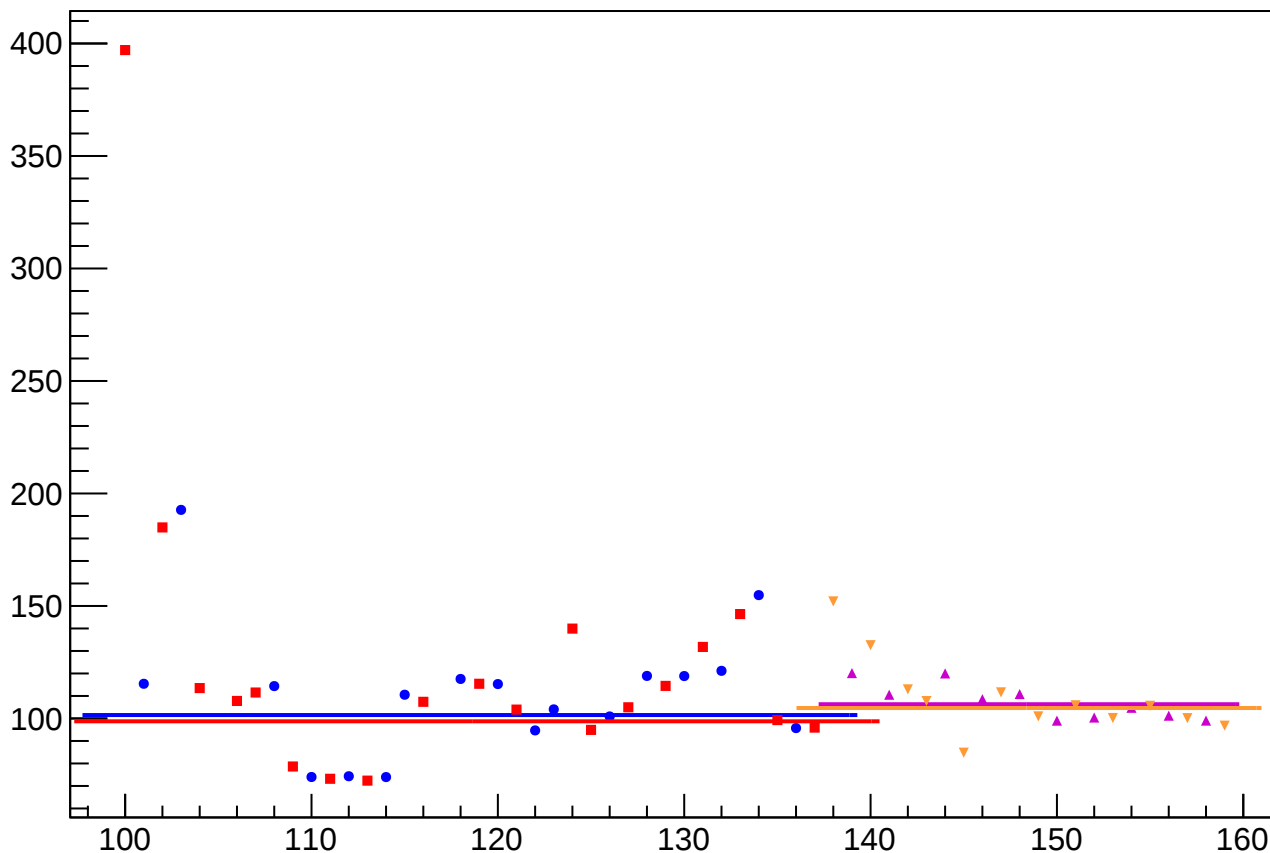
Left In: -55.483 ± 37.316 χ^2/NDF : 12.5/9

+ sign 13.003 ± 26.601 χ^2/NDF : 25.6/28

All: -15.510 ± 18.922 χ^2/NDF : 65.6/57

- sign -44.715 ± 26.922 χ^2/NDF : 37.7/28

dit_asym_sam_3748_avg_rms vs Slug



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 104.646 $\pm$ 0.025 χ^2 /NDF: 319081.2/11

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

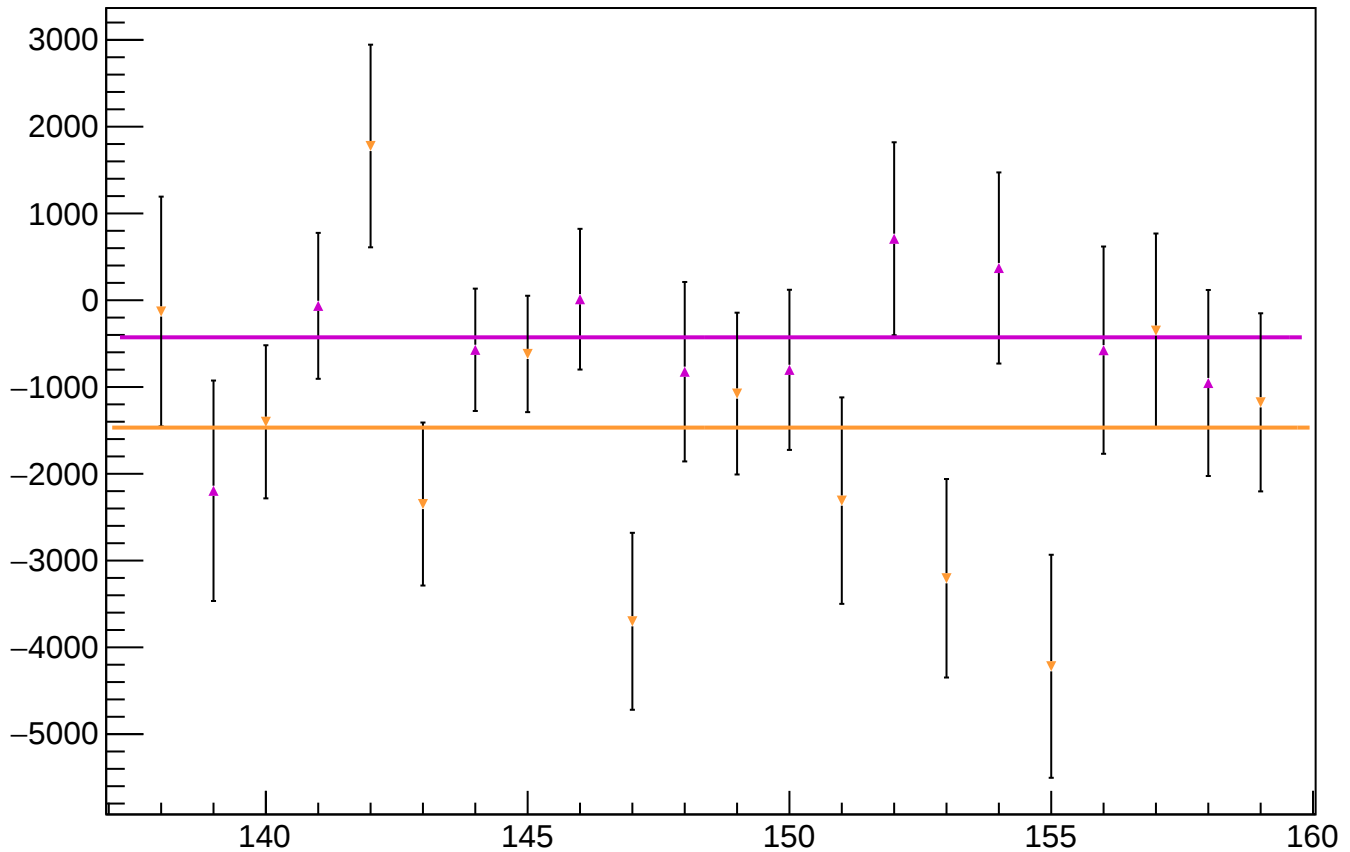
Left In: 106.328 $\pm$ 0.026 χ^2 /NDF: 75738.8/9

+ sign 103.301 $\pm$ 0.019 χ^2 /NDF: 1007569.1/28

All: 102.998 $\pm$ 0.013 χ^2 /NDF: 1949166.4/57

- sign 102.688 $\pm$ 0.019 χ^2 /NDF: 941072.7/28

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1467.550 $\pm$ 290.096 χ^2 /NDF:24.7/11

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

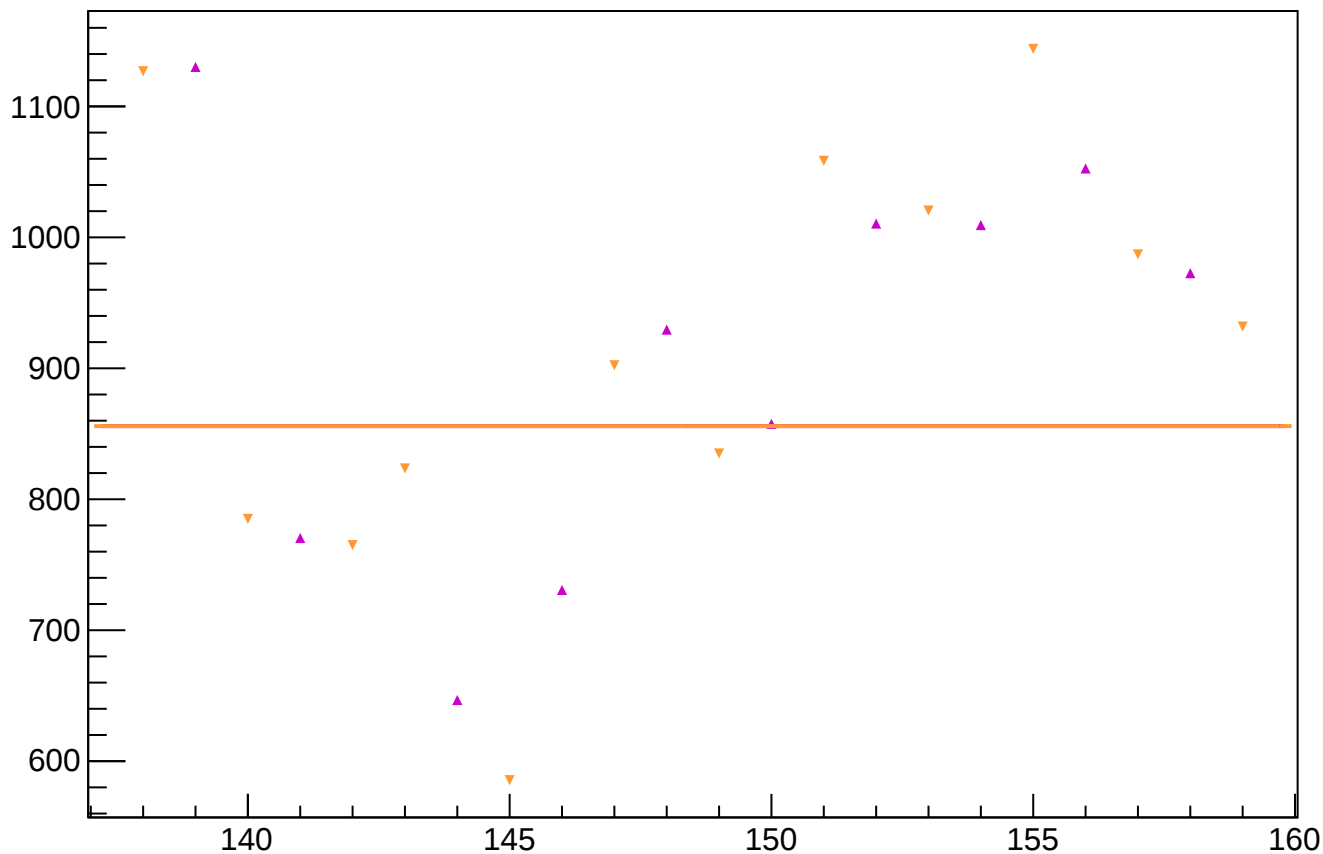
Left In: -427.290 $\pm$ 303.129 χ^2 /NDF:4.6/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -970.264 $\pm$ 209.585 χ^2 /NDF: 35.4/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 855.850+/-0.205 χ^2/NDF : 679837.1/11

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

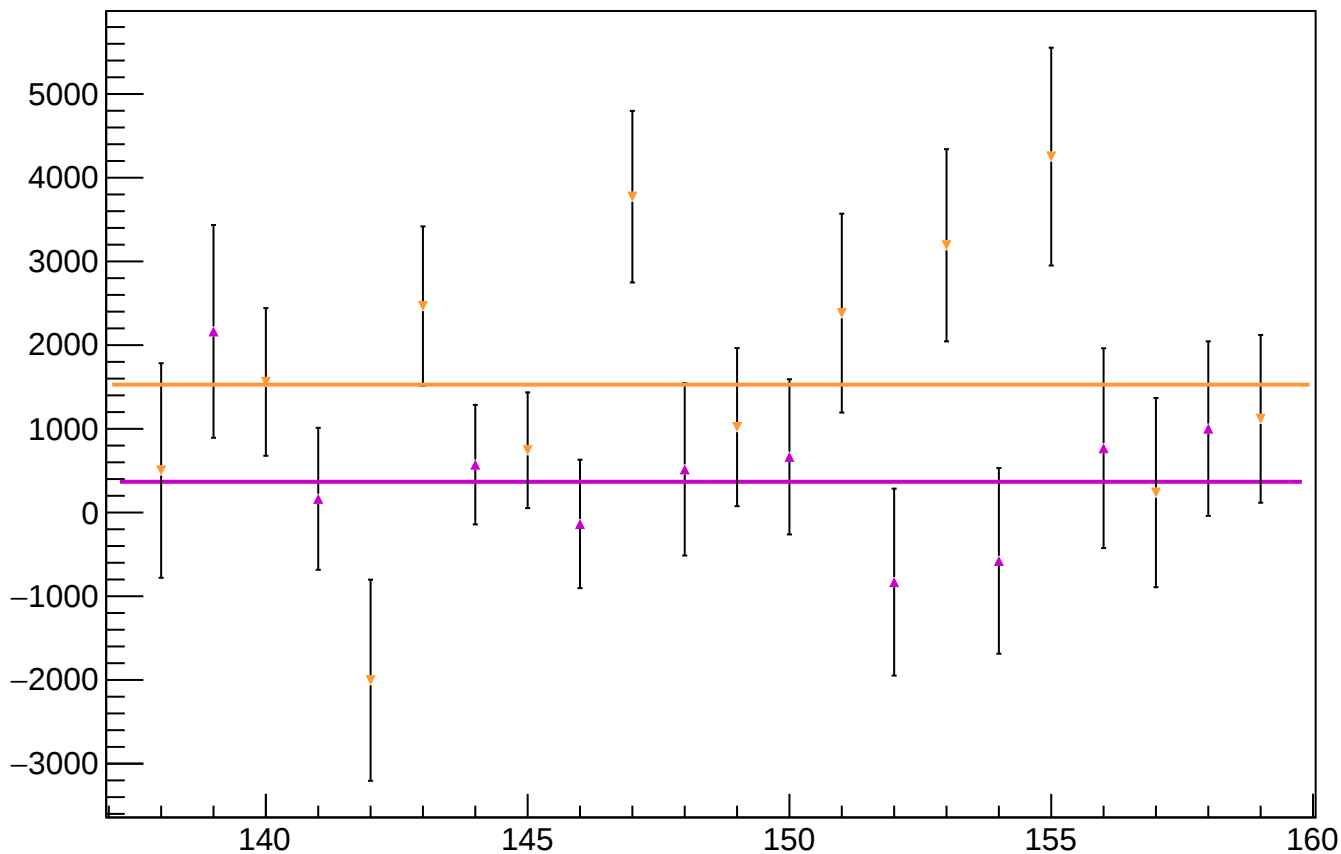
Left In: 855.897+/-0.214 χ^2/NDF : 503299.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.873+/-0.148 χ^2/NDF : 1183137.0/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1527.886+/-292.498 χ^2/NDF : 25.1/11

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

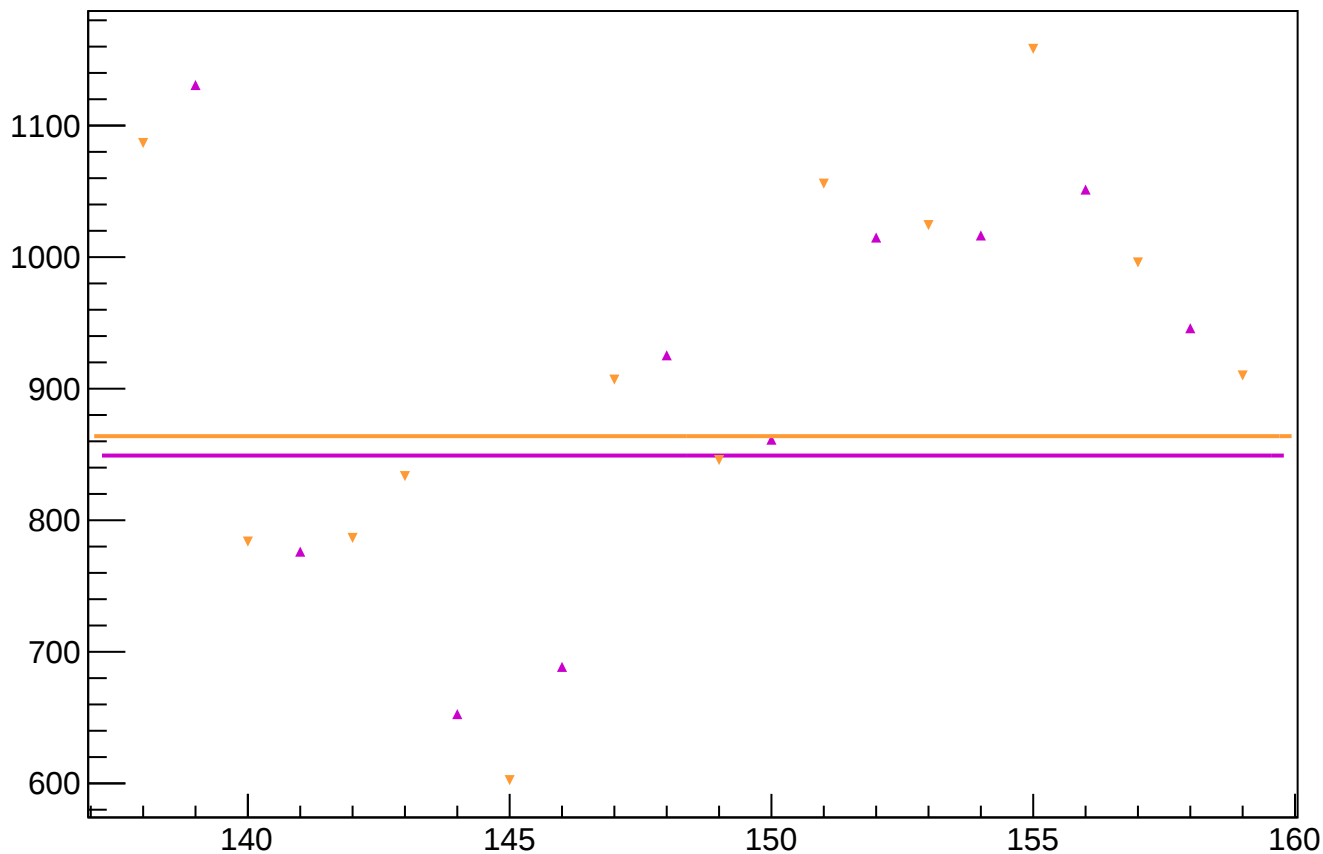
Left In: 367.370+/-301.328 χ^2/NDF : 5.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.881+/-209.879 χ^2/NDF : 37.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_rms vs Slug



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

Left Out: 863.917+/-0.207 χ^2/NDF : 602498.0/11

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

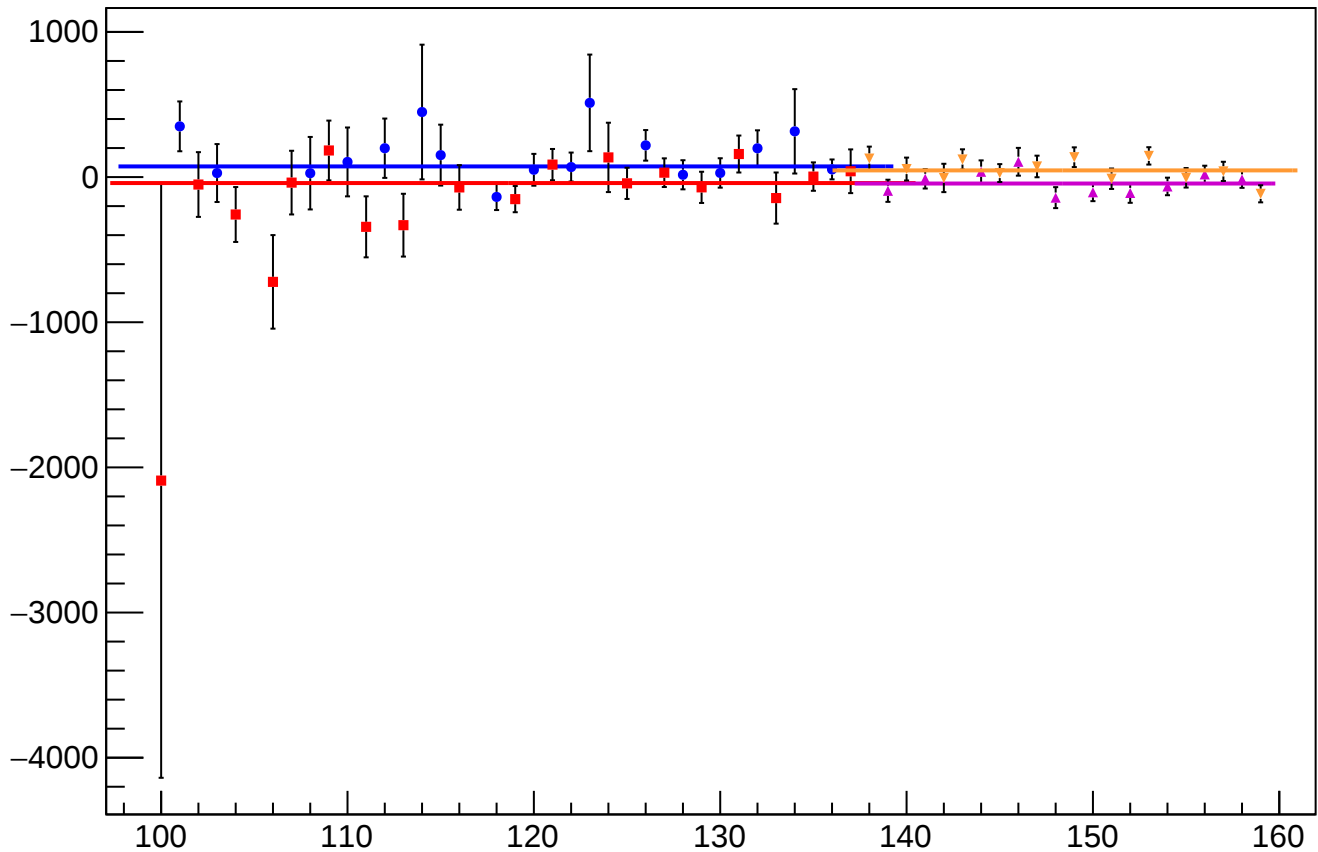
Left In: 849.181+/-0.213 χ^2/NDF : 527646.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.768+/-0.148 χ^2/NDF : 1132607.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 46.056 $\pm$ 20.009 χ^2 /NDF: 16.0/11

Right Out: -41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

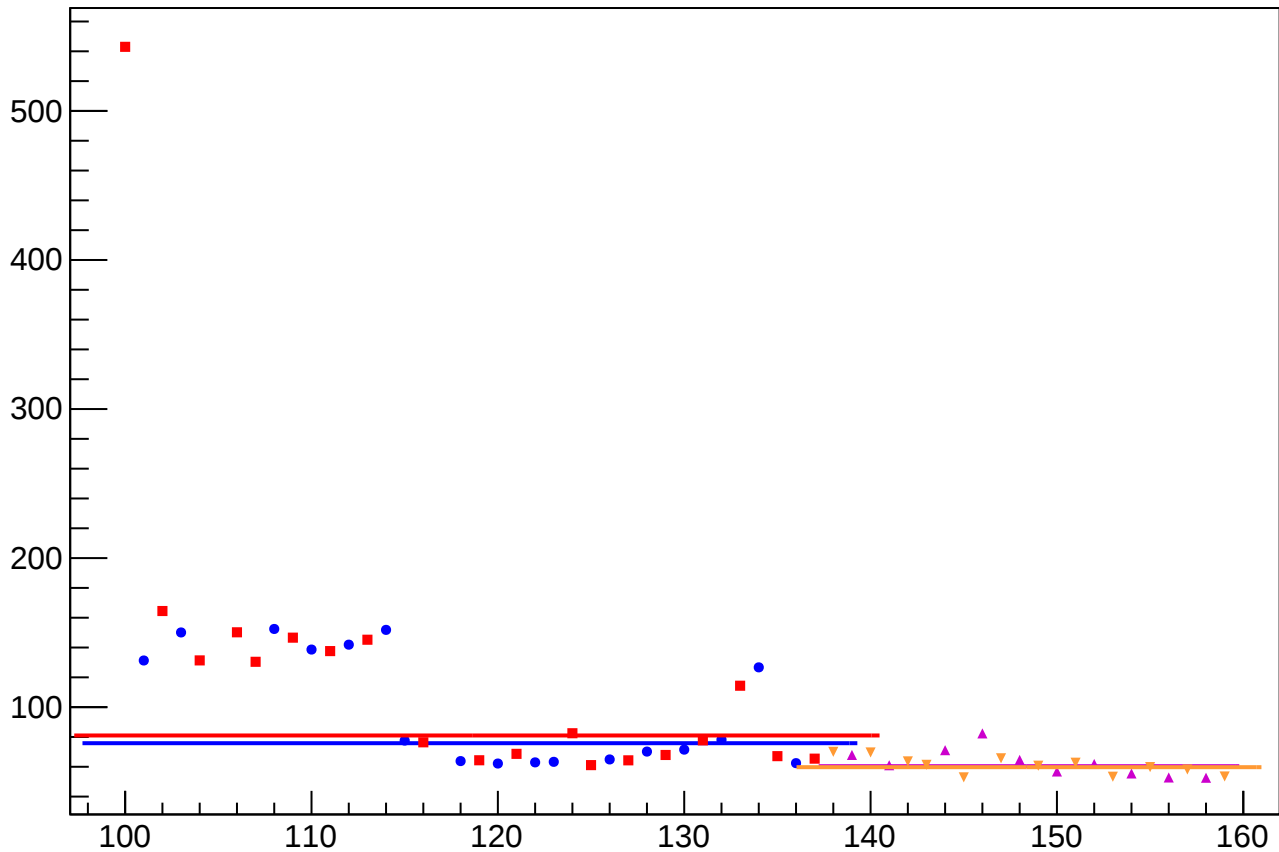
Left In: -44.358 $\pm$ 21.366 χ^2 /NDF: 9.3/9

+ sign 54.090 $\pm$ 16.821 χ^2 /NDF: 31.8/28

All: 8.358 $\pm$ 12.256 χ^2 /NDF: 76.1/57

- sign -43.390 $\pm$ 17.893 χ^2 /NDF: 28.5/28

dit_asym_sam_1526_avg_rms vs Slug



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 59.727 $\pm$ 0.014 χ^2 /NDF: 154863.0/11

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

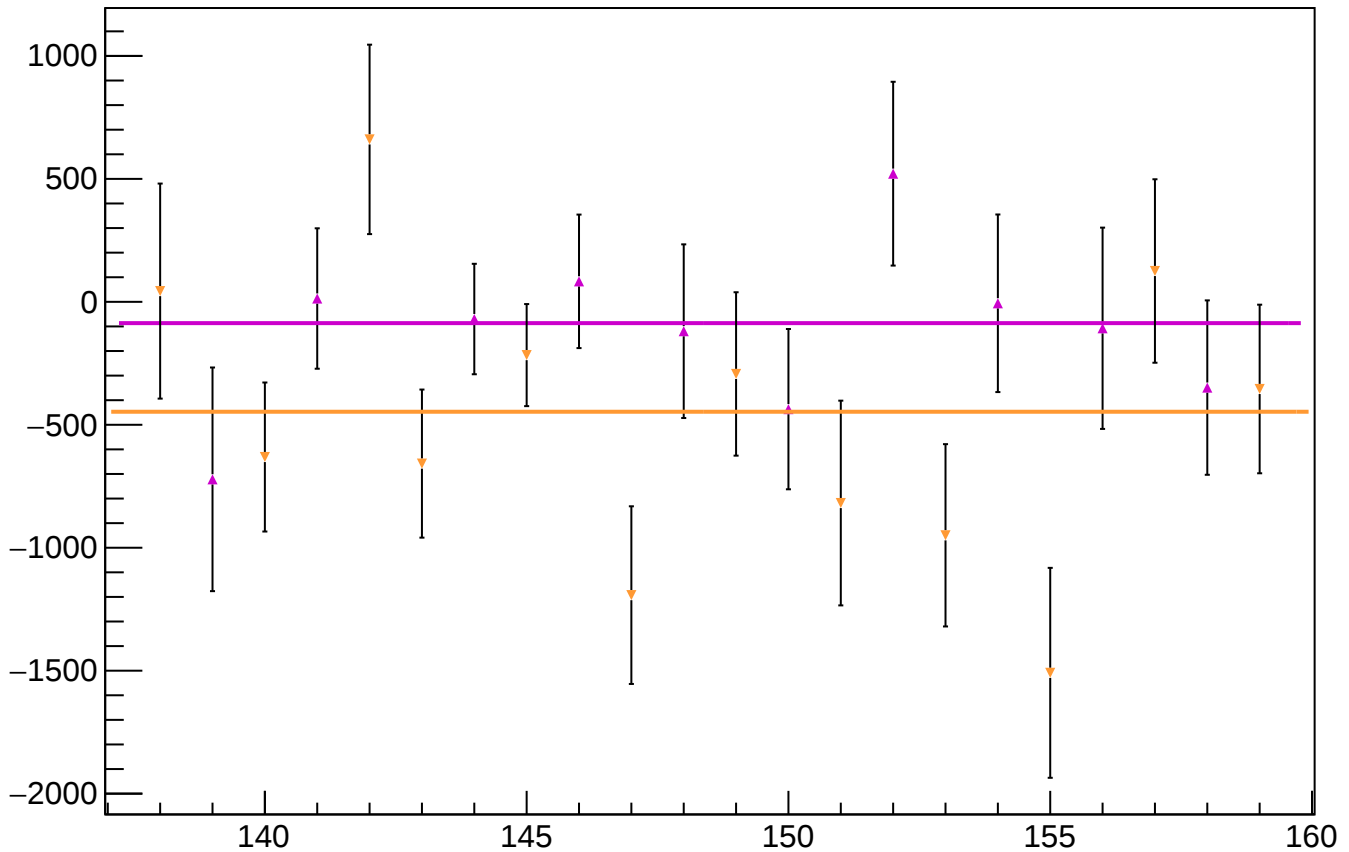
Left In: 60.413 $\pm$ 0.015 χ^2 /NDF: 258277.6/9

+ sign 64.447 $\pm$ 0.012 χ^2 /NDF: 1884245.8/28

All: 65.439 $\pm$ 0.009 χ^2 /NDF: 4339807.2/57

- sign 66.562 $\pm$ 0.013 χ^2 /NDF: 2440728.2/28

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -446.942 $\pm$ 96.198 χ^2 /NDF:27.3/11

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

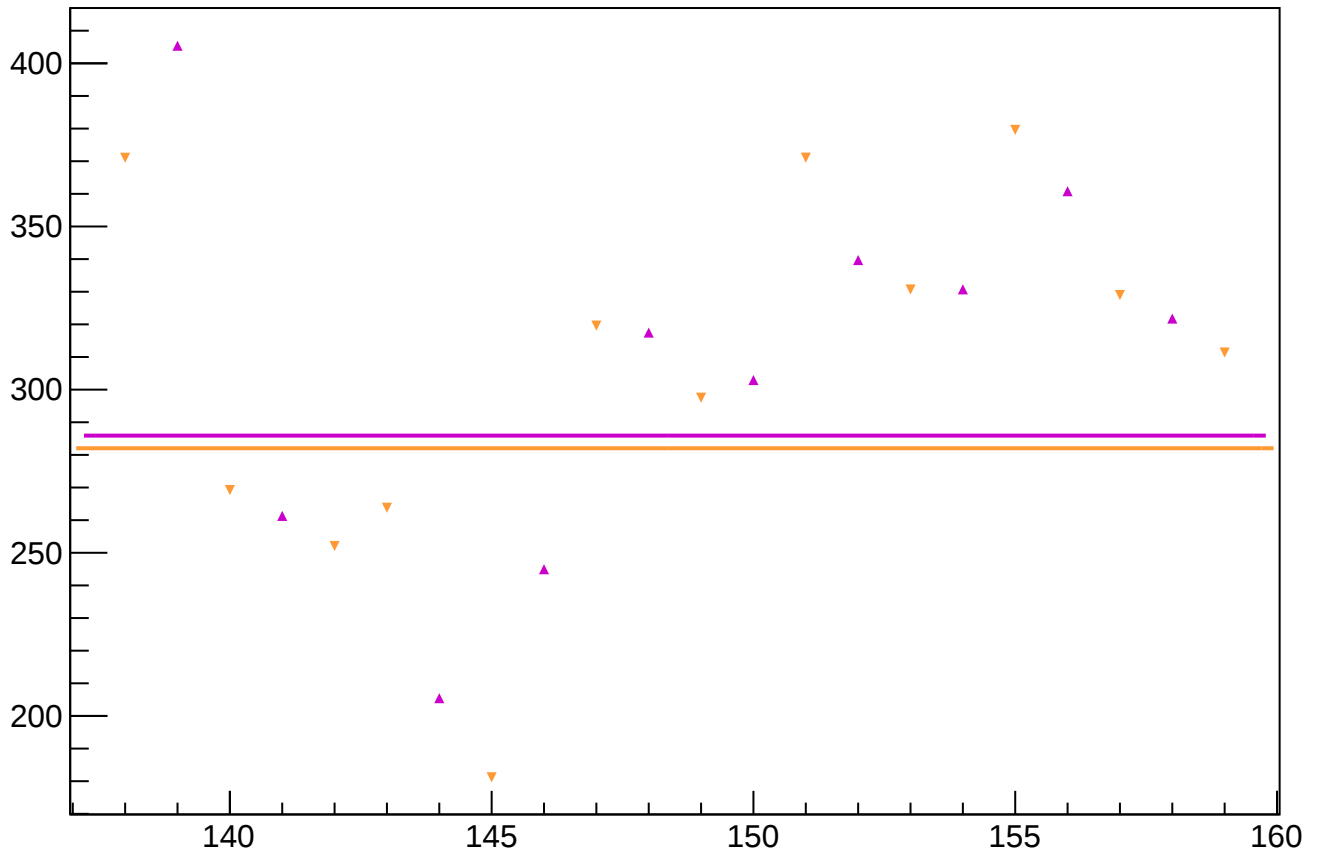
Left In: -86.594 $\pm$ 101.703 χ^2 /NDF:6.9/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -276.784 $\pm$ 69.887 χ^2 /NDF: 40.8/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 282.037+/-0.068 χ^2/NDF : 880910.3/11

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

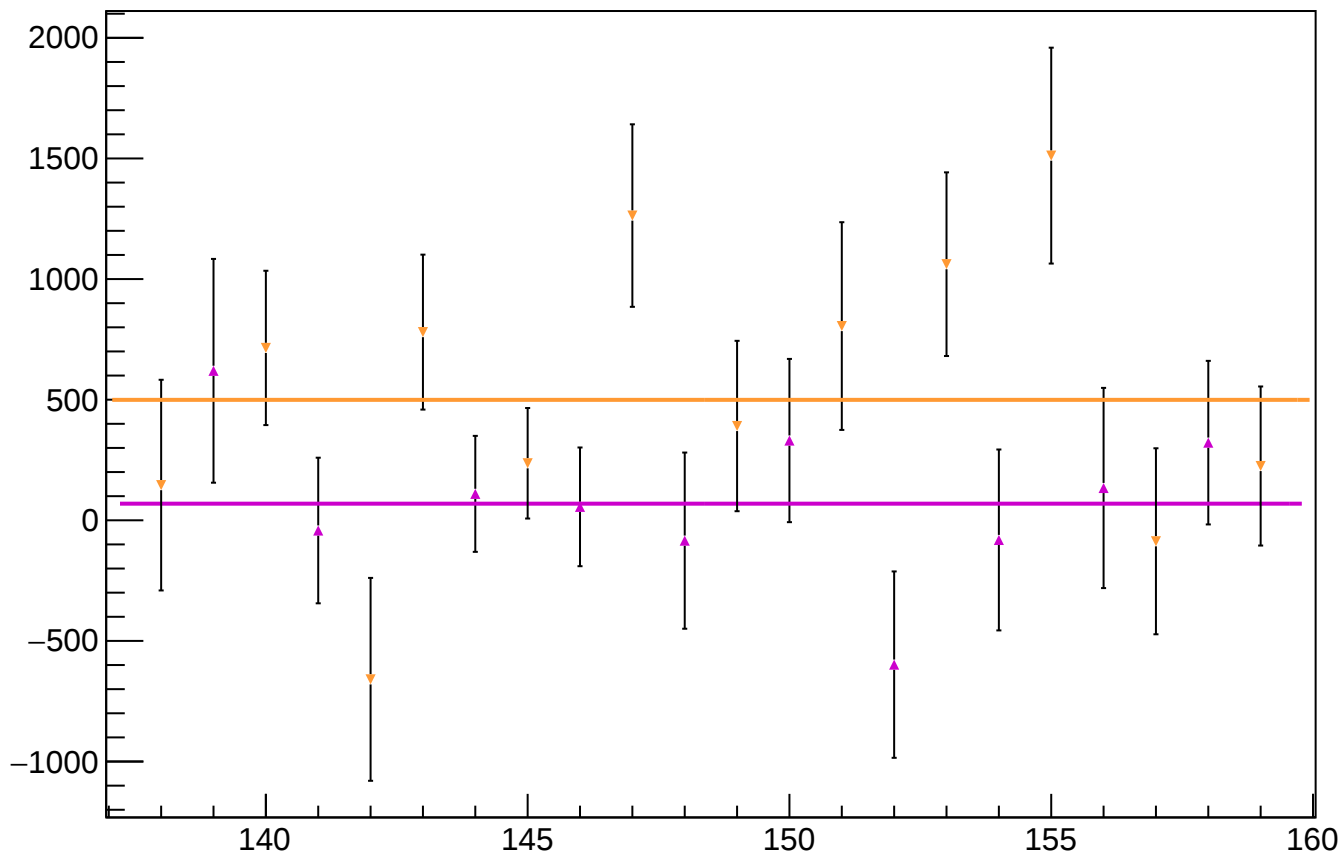
Left In: 285.911+/-0.072 χ^2/NDF : 636293.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.866+/-0.049 χ^2/NDF : 1518734.5/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 499.295 $\pm$ 101.200 χ^2 /NDF:25.8/11

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

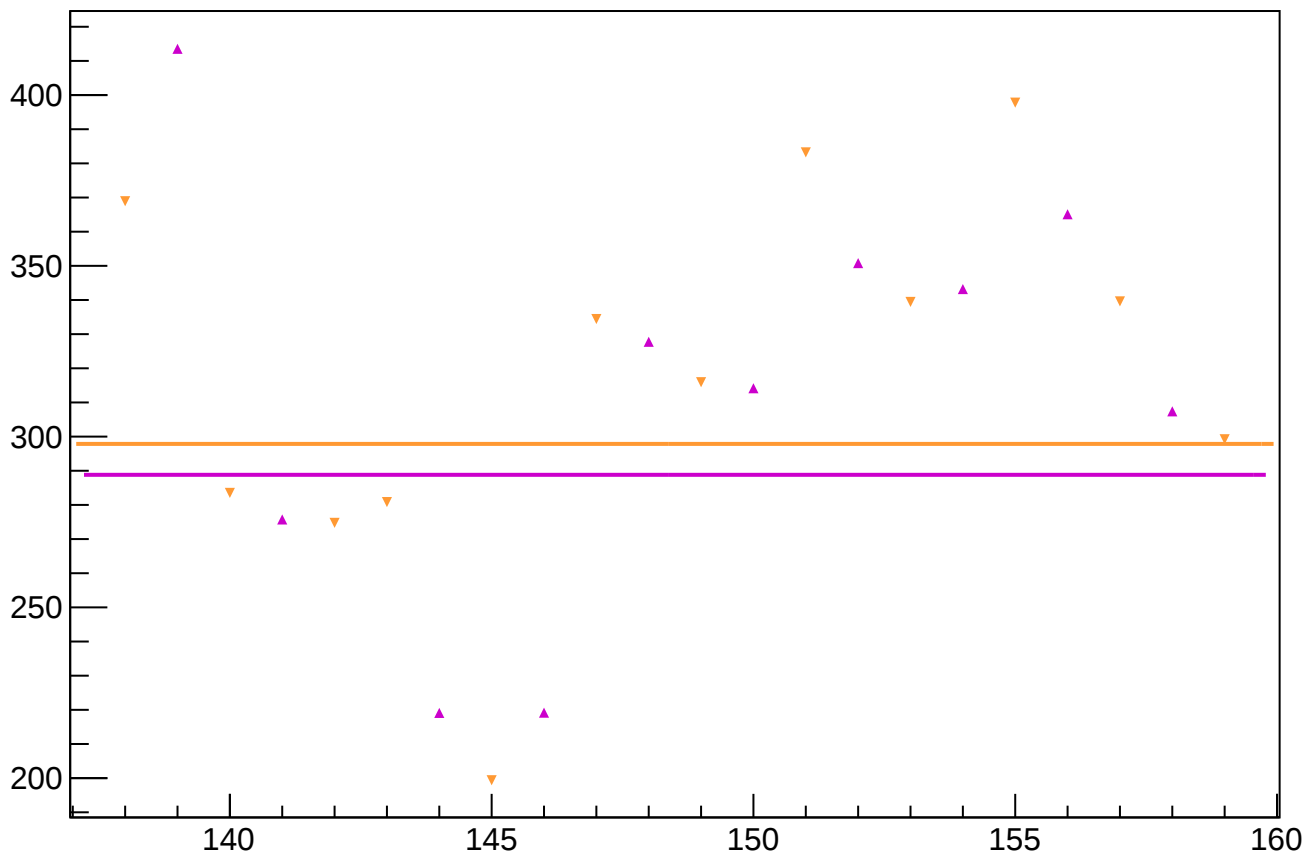
Left In: 68.920 $\pm$ 103.146 χ^2 /NDF:6.1/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 288.204 $\pm$ 72.237 χ^2 /NDF: 40.7/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_rms vs Slug



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

Left Out: 297.864+/-0.072 χ^2/NDF : 687788.6/11

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

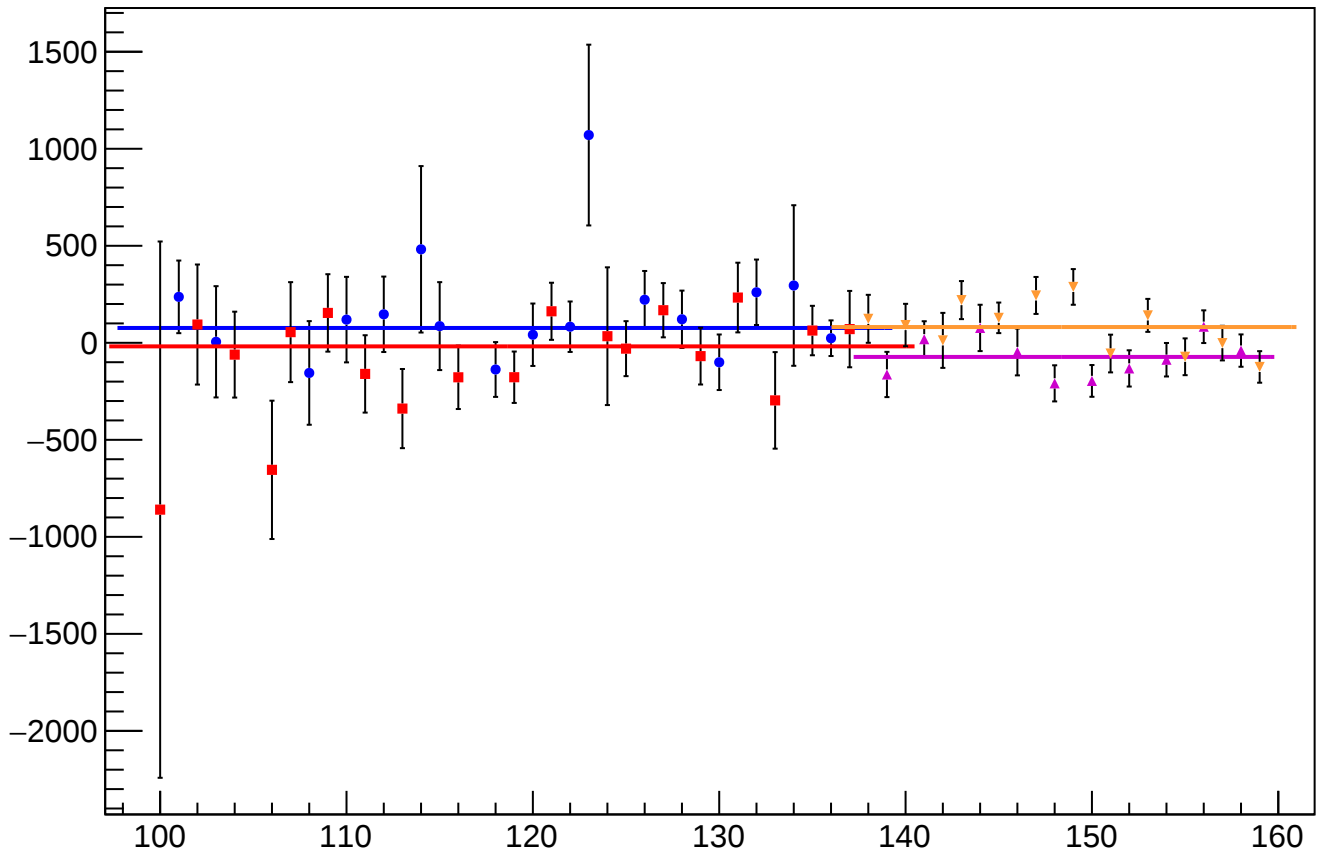
Left In: 288.813+/-0.073 χ^2/NDF : 677908.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.424+/-0.051 χ^2/NDF : 1373543.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



Right In: 76.503 ± 41.558 χ^2/NDF : 13.9/16

Left Out: 81.258 ± 27.474 χ^2/NDF : 23.0/11

Right Out: -18.393 ± 42.277 χ^2/NDF : 17.2/18

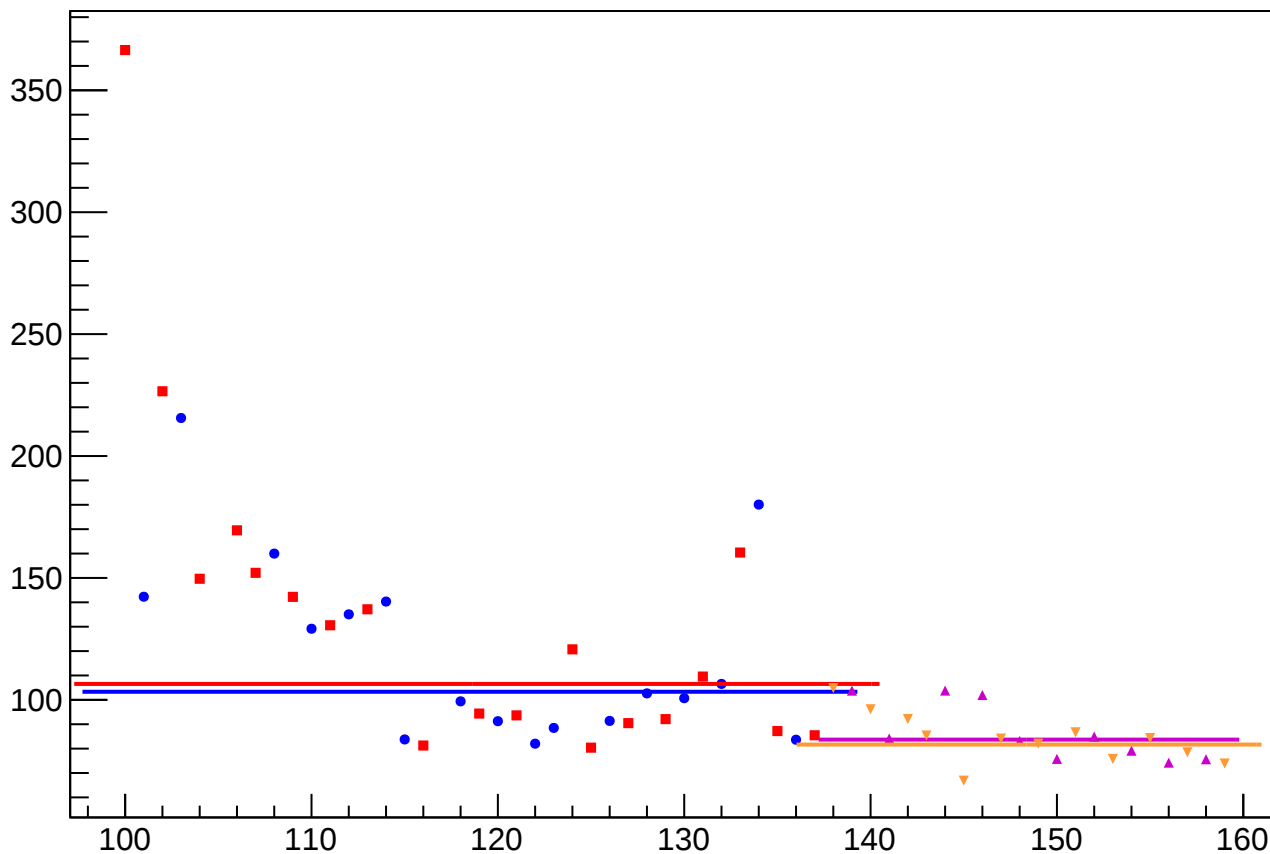
Left In: -72.752 ± 29.785 χ^2/NDF : 11.6/9

+ sign 79.812 ± 22.918 χ^2/NDF : 36.9/28

All: 16.614 ± 16.689 χ^2/NDF : 83.0/57

- sign -54.721 ± 24.349 χ^2/NDF : 29.9/28

dit_asym_sam_3726_avg_rms vs Slug



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 81.665 $\pm$ 0.019 χ^2 /NDF: 228370.5/11

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

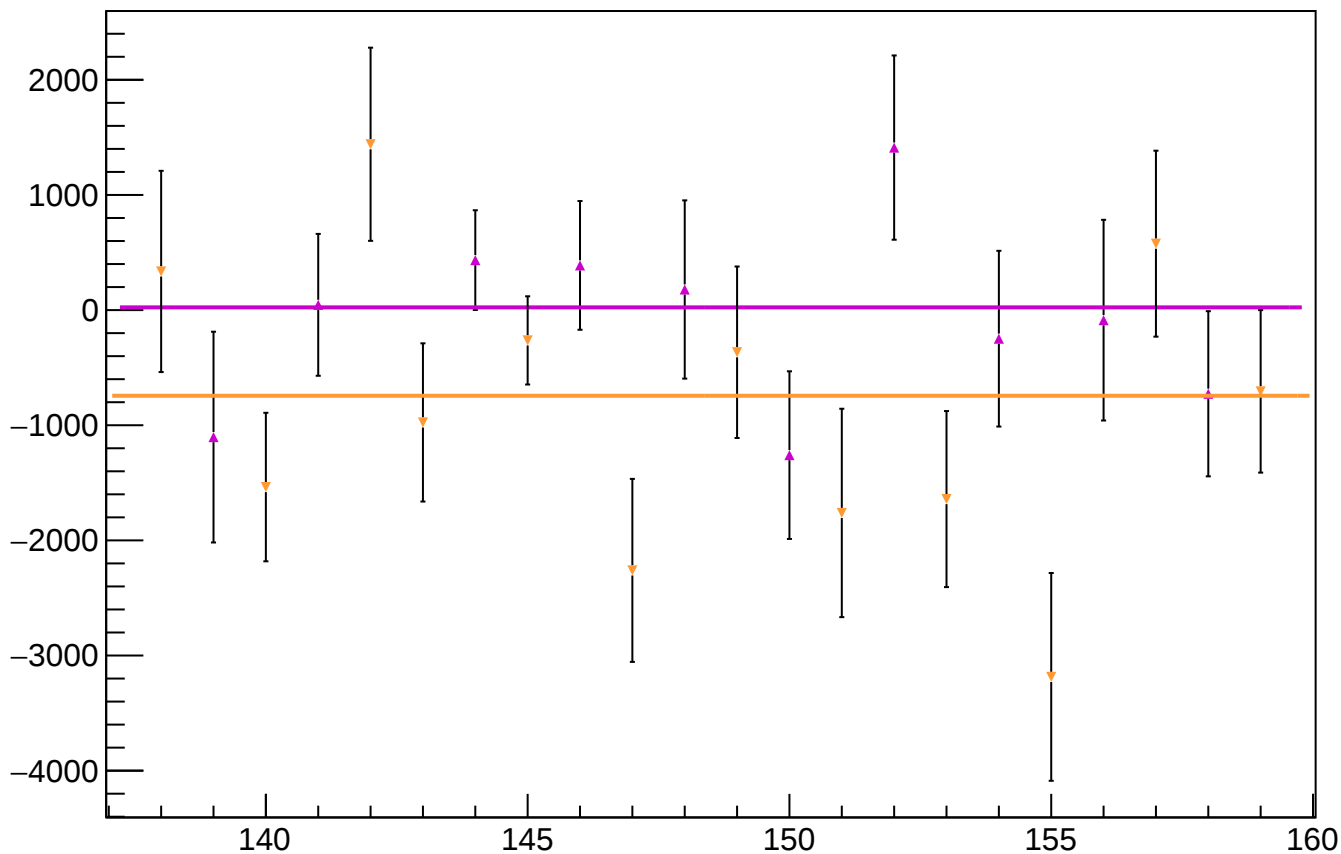
Left In: 83.695 $\pm$ 0.021 χ^2 /NDF: 230413.5/9

+ sign 88.251 $\pm$ 0.016 χ^2 /NDF: 1443977.6/28

All: 89.669 $\pm$ 0.012 χ^2 /NDF: 3152265.3/57

- sign 91.270 $\pm$ 0.017 χ^2 /NDF: 1691978.6/28

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -743.876+/-199.380 χ^2/NDF : 28.1/11

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

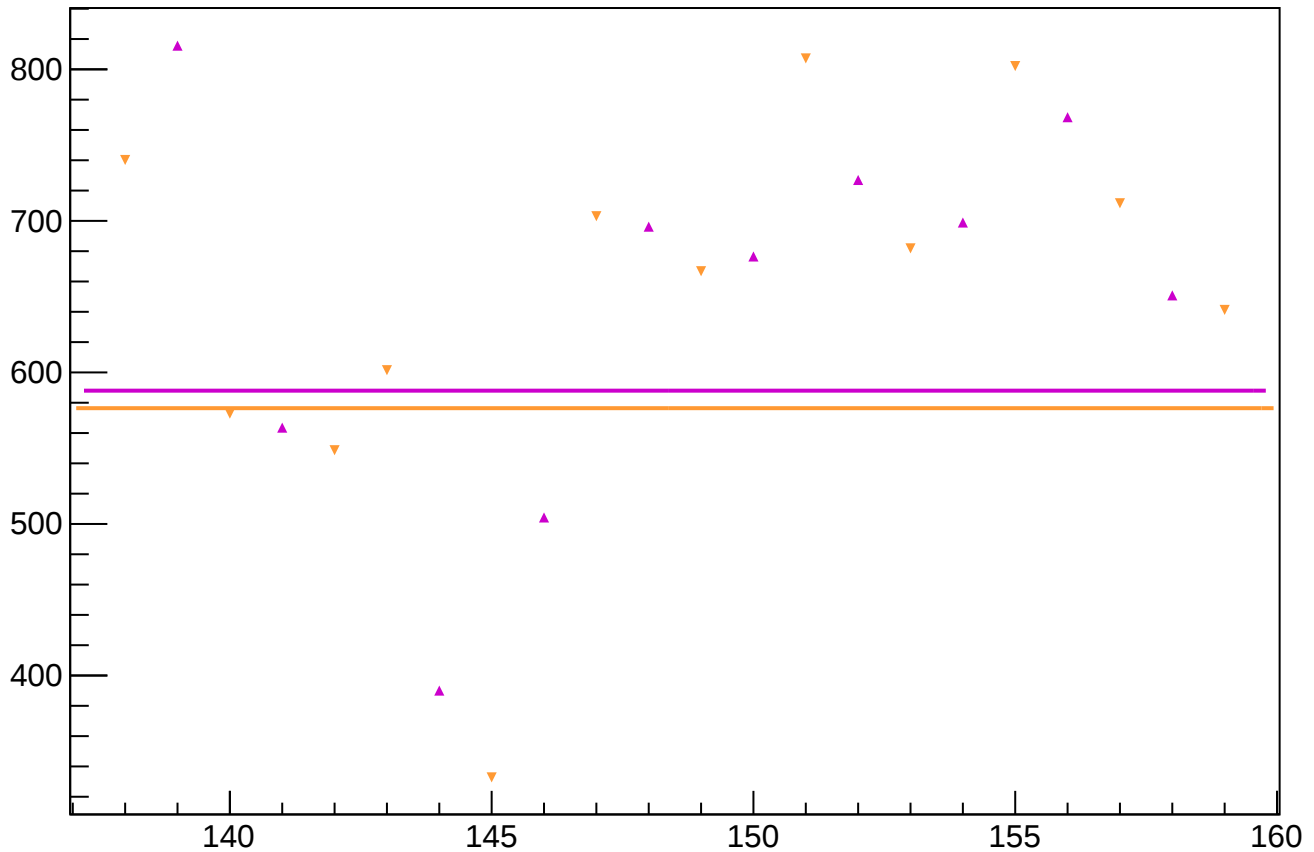
Left In: 23.727+/-211.034 χ^2/NDF : 10.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.854+/-144.928 χ^2/NDF : 45.3/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 576.406+/-0.141 χ^2/NDF :1330581.9/11

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

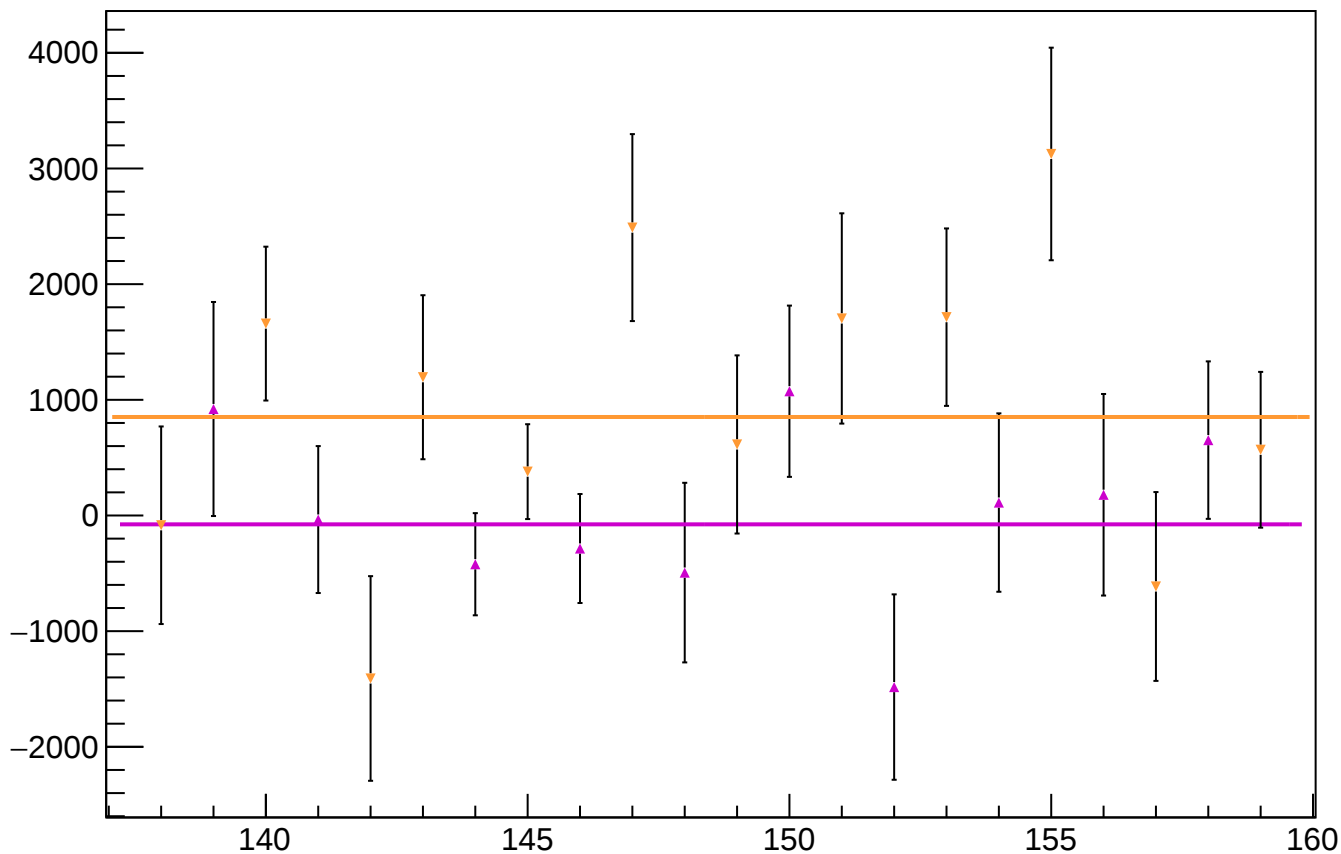
Left In: 587.967+/-0.149 χ^2/NDF :861657.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.859+/-0.102 χ^2/NDF : 2195410.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_mean vs Slug



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

Left Out: 851.593+/-204.705 χ^2/NDF : 26.6/11

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

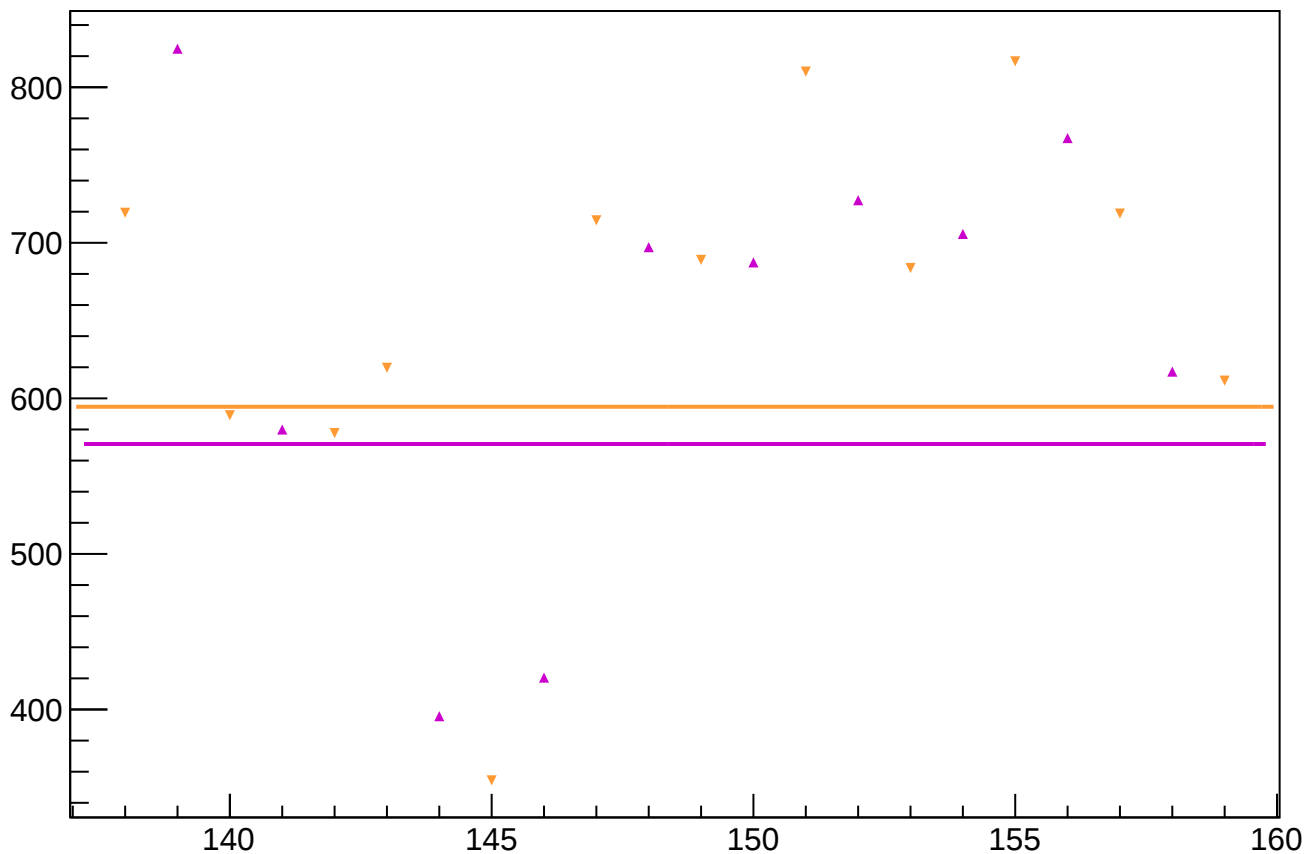
Left In: -76.510+/-206.396 χ^2/NDF : 9.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.361+/-145.342 χ^2/NDF : 45.9/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_rms vs Slug



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

Left Out: 594.601+/-0.145 χ^2/NDF :1109970.8/11

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

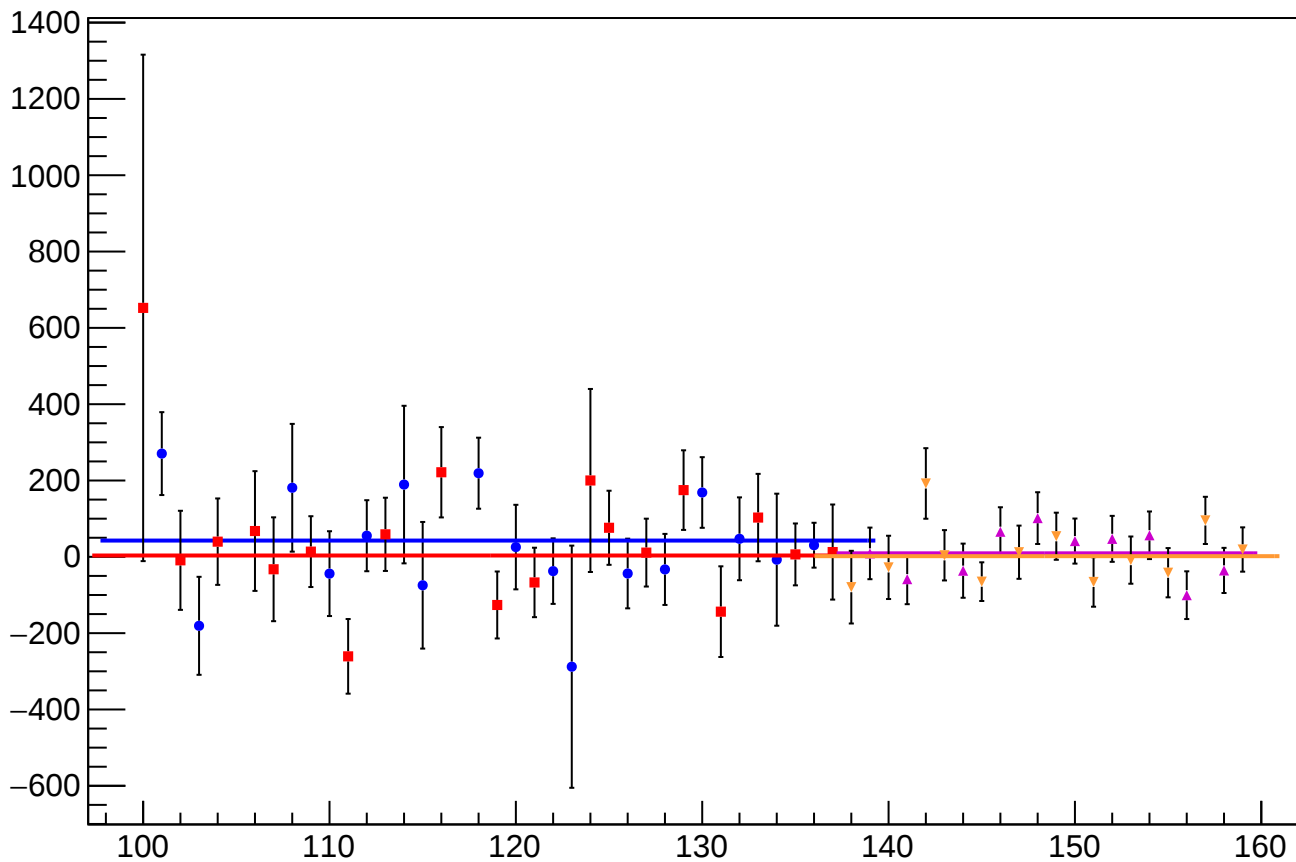
Left In: 570.655+/-0.146 χ^2/NDF :1020338.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.727+/-0.103 χ^2/NDF : 2143881.0/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: 1.754 $\pm$ 19.045 χ^2 /NDF: 11.5/11

Right Out: 3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

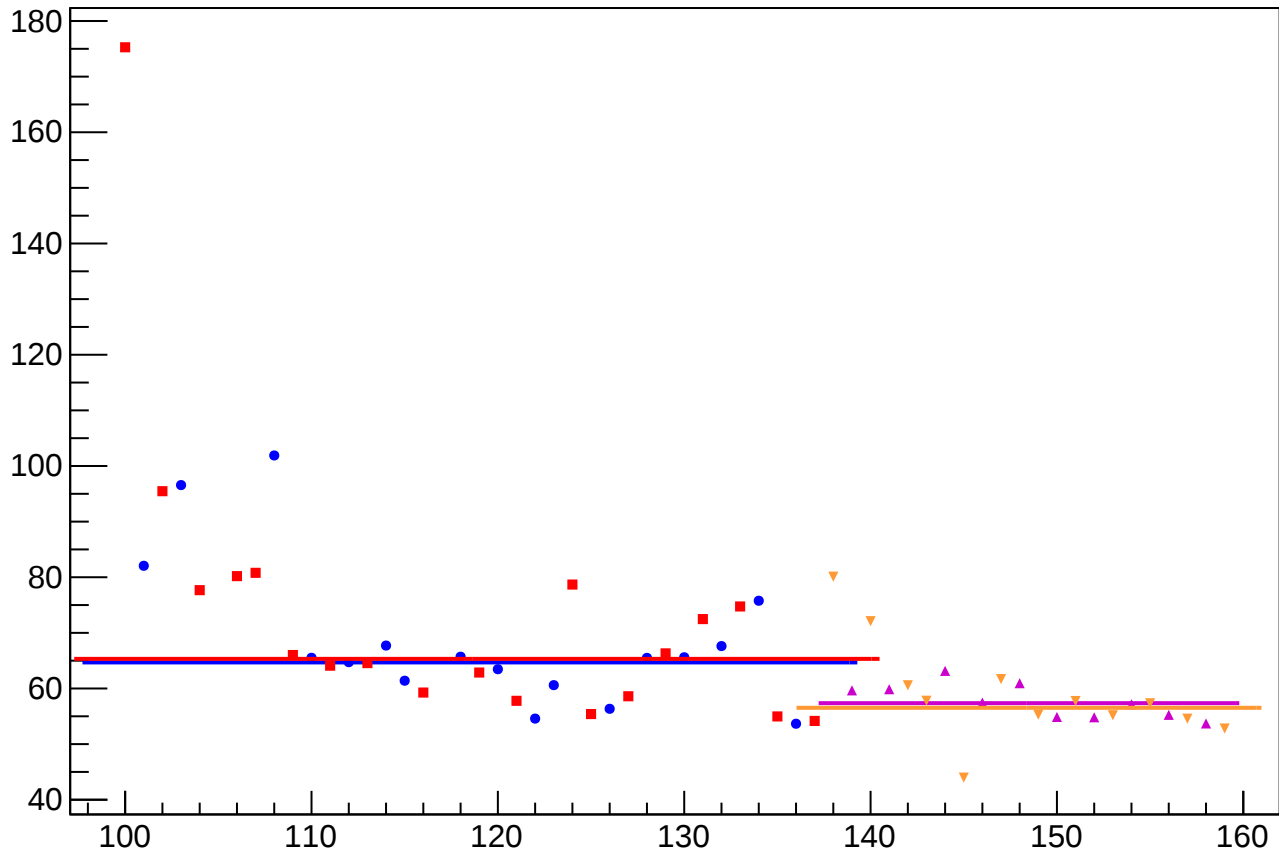
Left In: 9.197 $\pm$ 20.118 χ^2 /NDF: 9.0/9

+ sign 16.410 $\pm$ 15.256 χ^2 /NDF: 32.0/28

All: 11.821 $\pm$ 10.938 χ^2 /NDF: 62.6/57

- sign 6.967 $\pm$ 15.691 χ^2 /NDF: 30.4/28

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 64.685 ± 0.018 χ^2/NDF : 400187.1/16

Left Out: 56.529 ± 0.013 χ^2/NDF : 344239.9/11

Right Out: 65.324 ± 0.018 χ^2/NDF : 359570.8/18

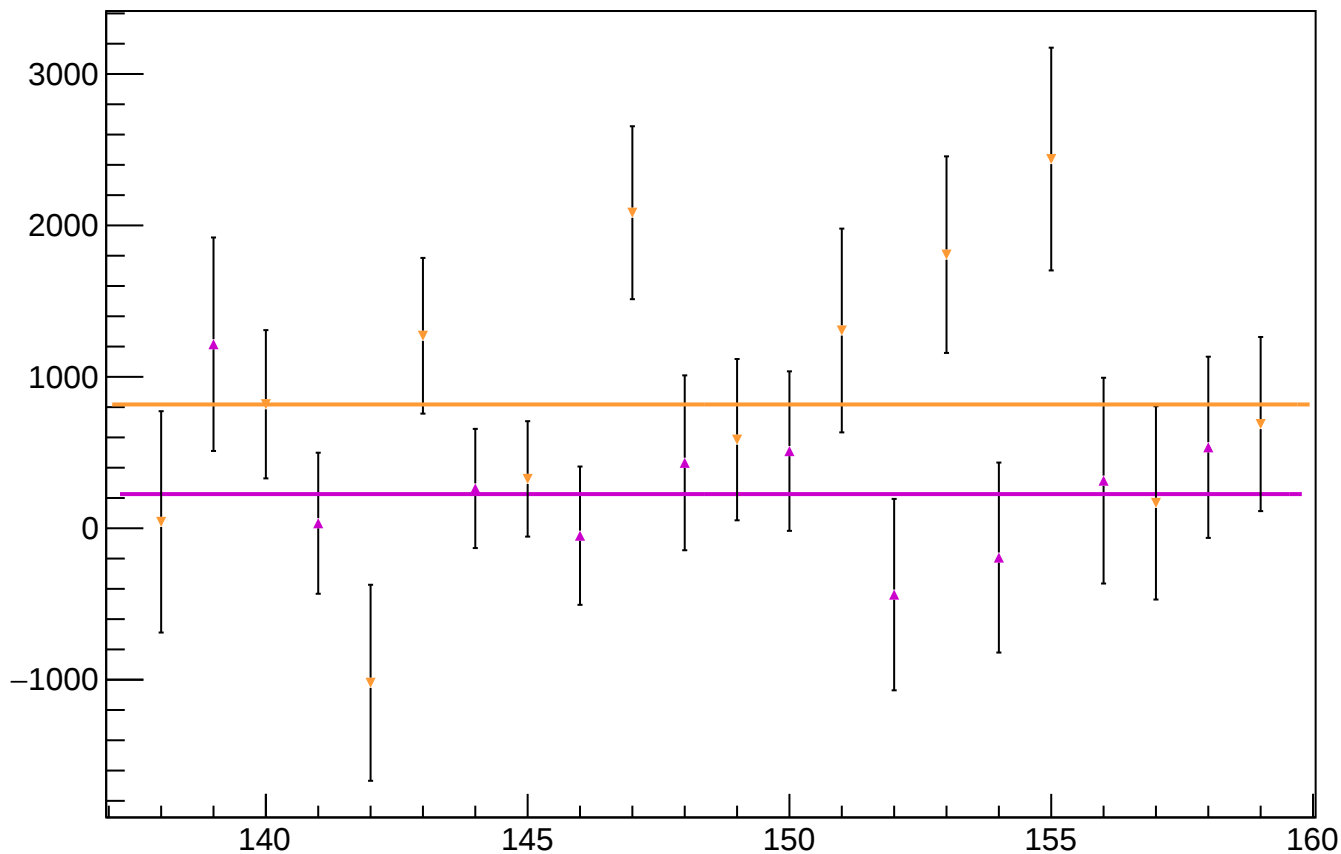
Left In: 57.362 ± 0.014 χ^2/NDF : 41197.5/9

+ sign 59.452 ± 0.011 χ^2/NDF : 875869.7/28

All: 59.952 ± 0.008 χ^2/NDF : 1403779.2/57

- sign 60.481 ± 0.011 χ^2/NDF : 523484.8/28

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 817.633+/-163.080 χ^2/NDF : 25.5/11

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

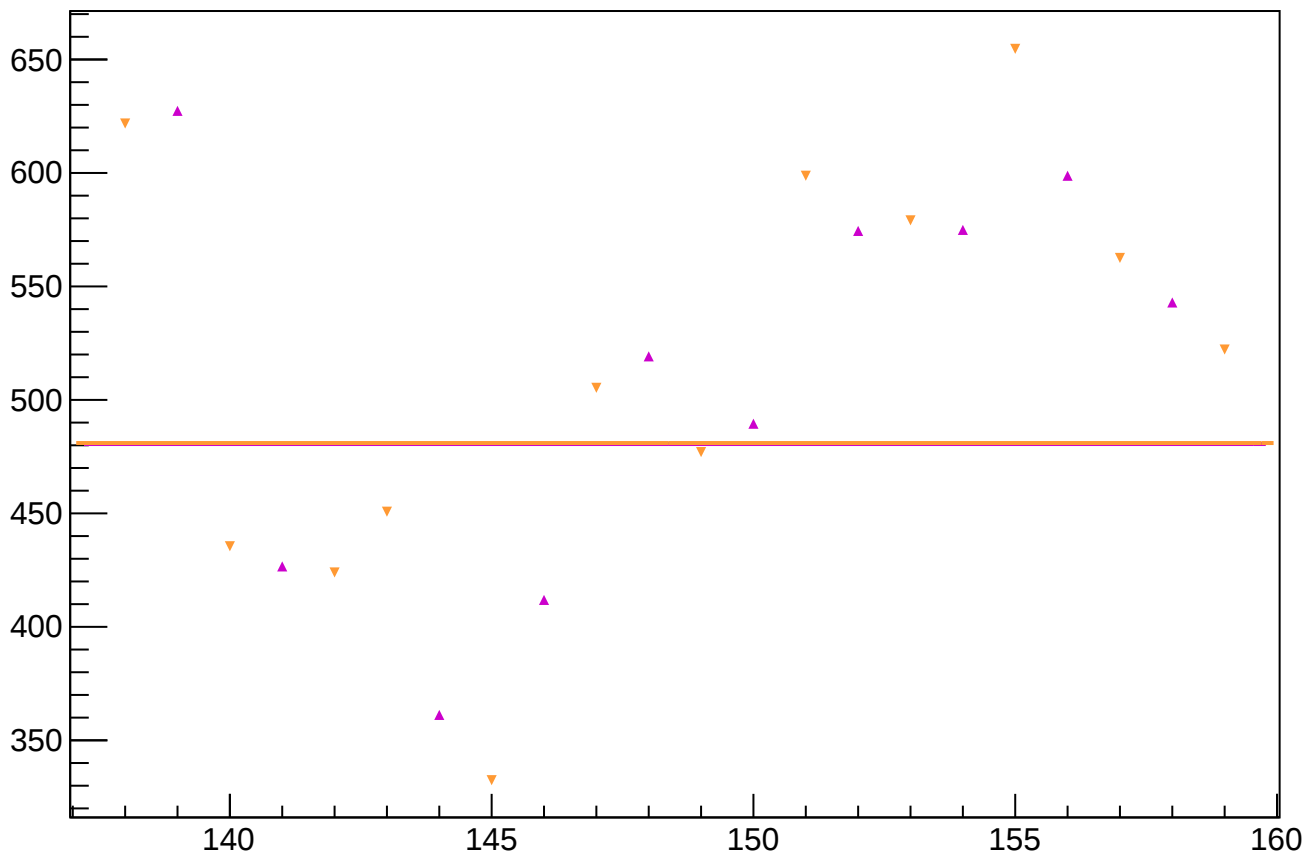
Left In: 225.744+/-170.291 χ^2/NDF : 4.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.486+/-117.782 χ^2/NDF : 36.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 480.997+/-0.115 χ^2/NDF : 683049.6/11

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

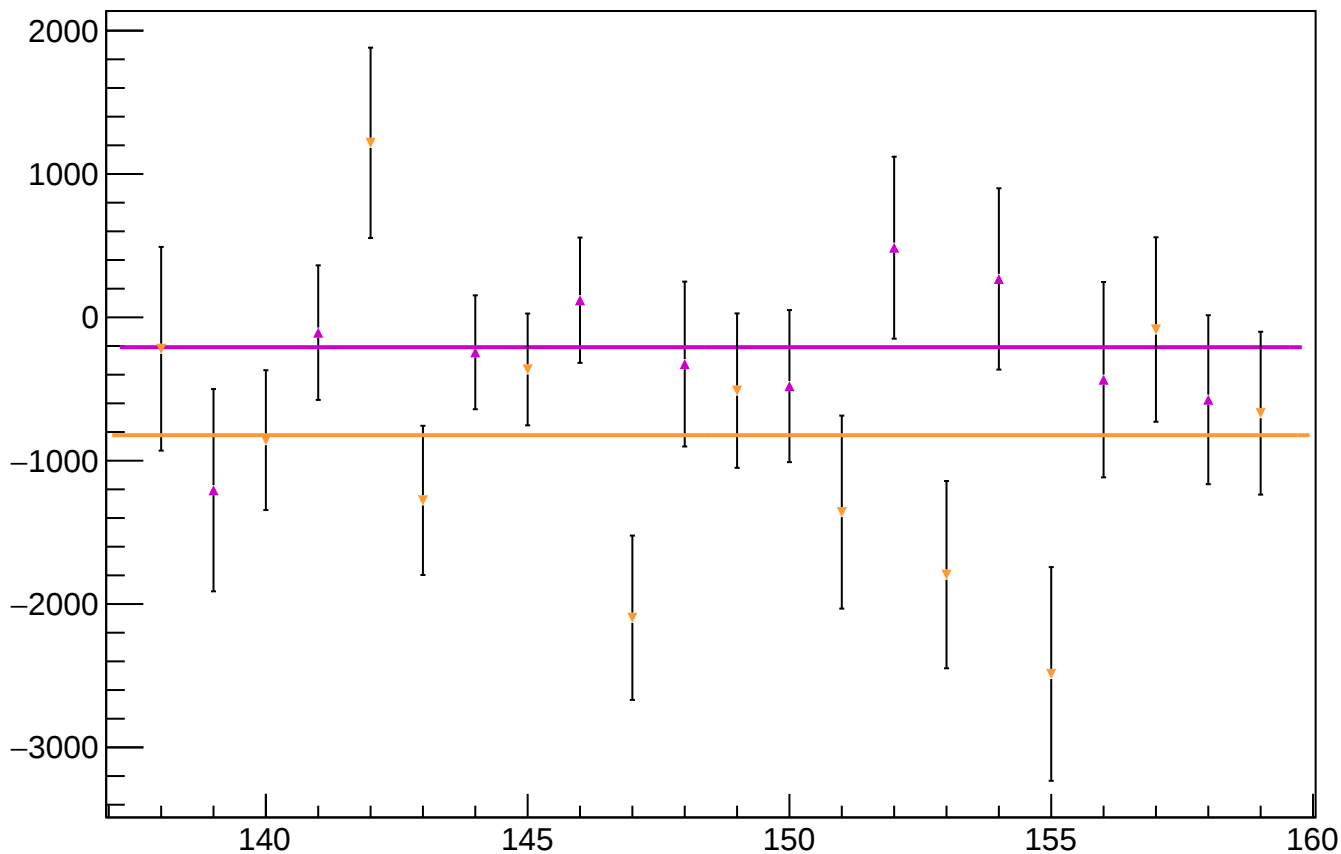
Left In: 480.562+/-0.120 χ^2/NDF : 523999.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.789+/-0.083 χ^2/NDF : 1207055.7/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -822.128+/-164.229 χ^2/NDF : 26.8/11

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

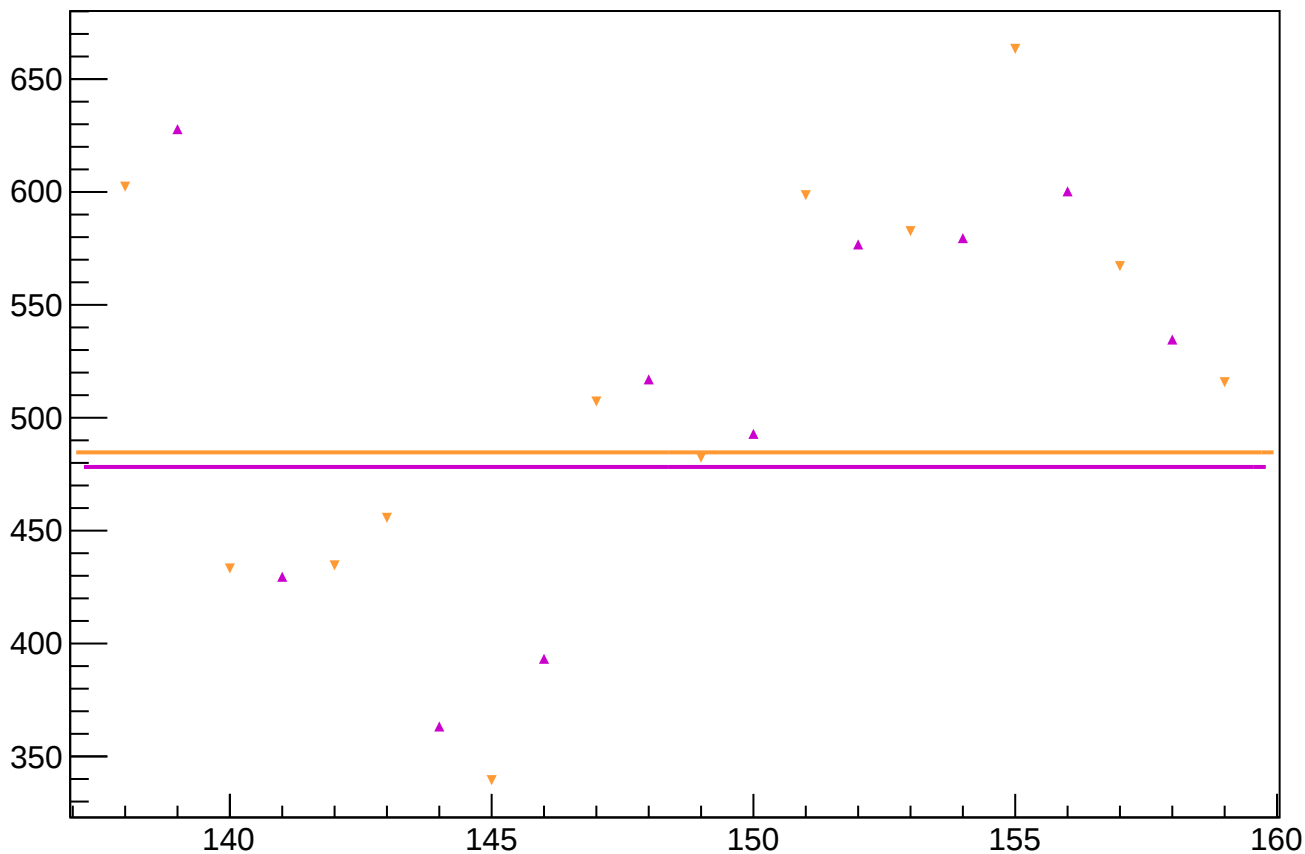
Left In: -208.282+/-169.749 χ^2/NDF : 5.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -525.348+/-118.031 χ^2/NDF : 38.7/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 484.667+/-0.116 χ^2/NDF : 631182.7/11

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

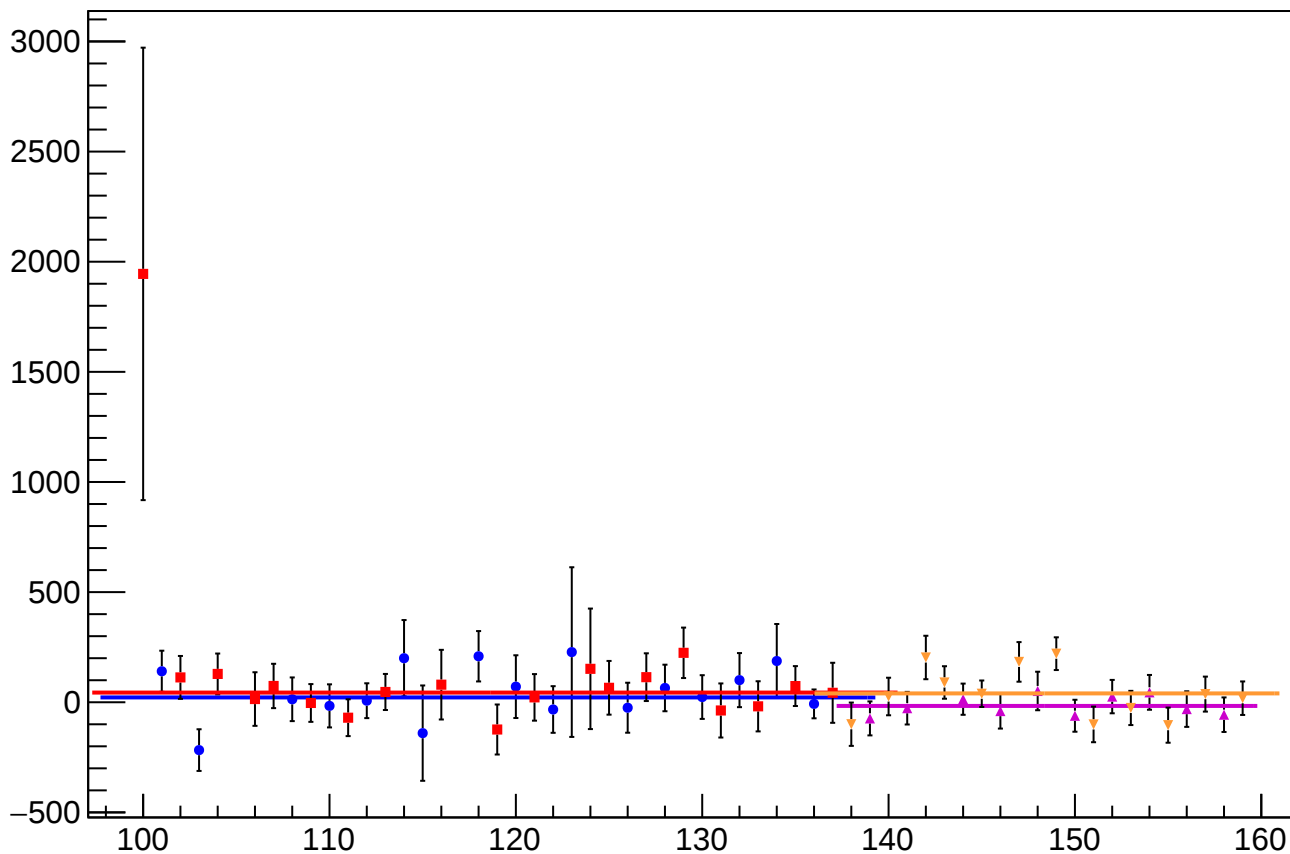
Left In: 478.208+/-0.120 χ^2/NDF : 547102.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.544+/-0.083 χ^2/NDF : 1179780.7/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 40.182 $\pm$ 22.838 χ^2 /NDF:20.8/11

Right Out: 43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

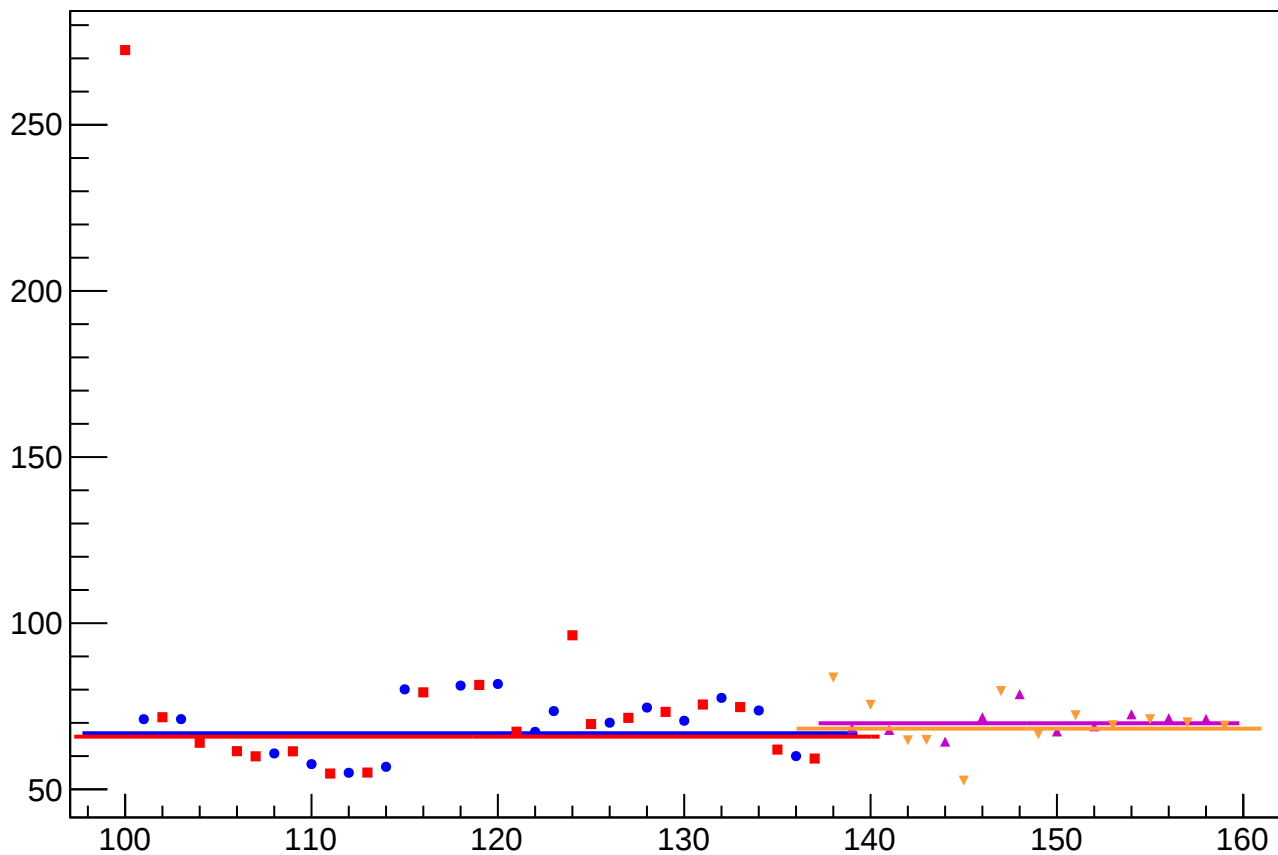
Left In: -16.683 $\pm$ 24.400 χ^2 /NDF:3.0/9

+ sign 32.242 $\pm$ 17.174 χ^2 /NDF: 36.1/28

All: 22.687 $\pm$ 12.257 χ^2 /NDF: 56.1/57

- sign 12.768 $\pm$ 17.499 χ^2 /NDF: 19.3/28

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 68.270 $\pm$ 0.016 χ^2 /NDF: 247323.2/11

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

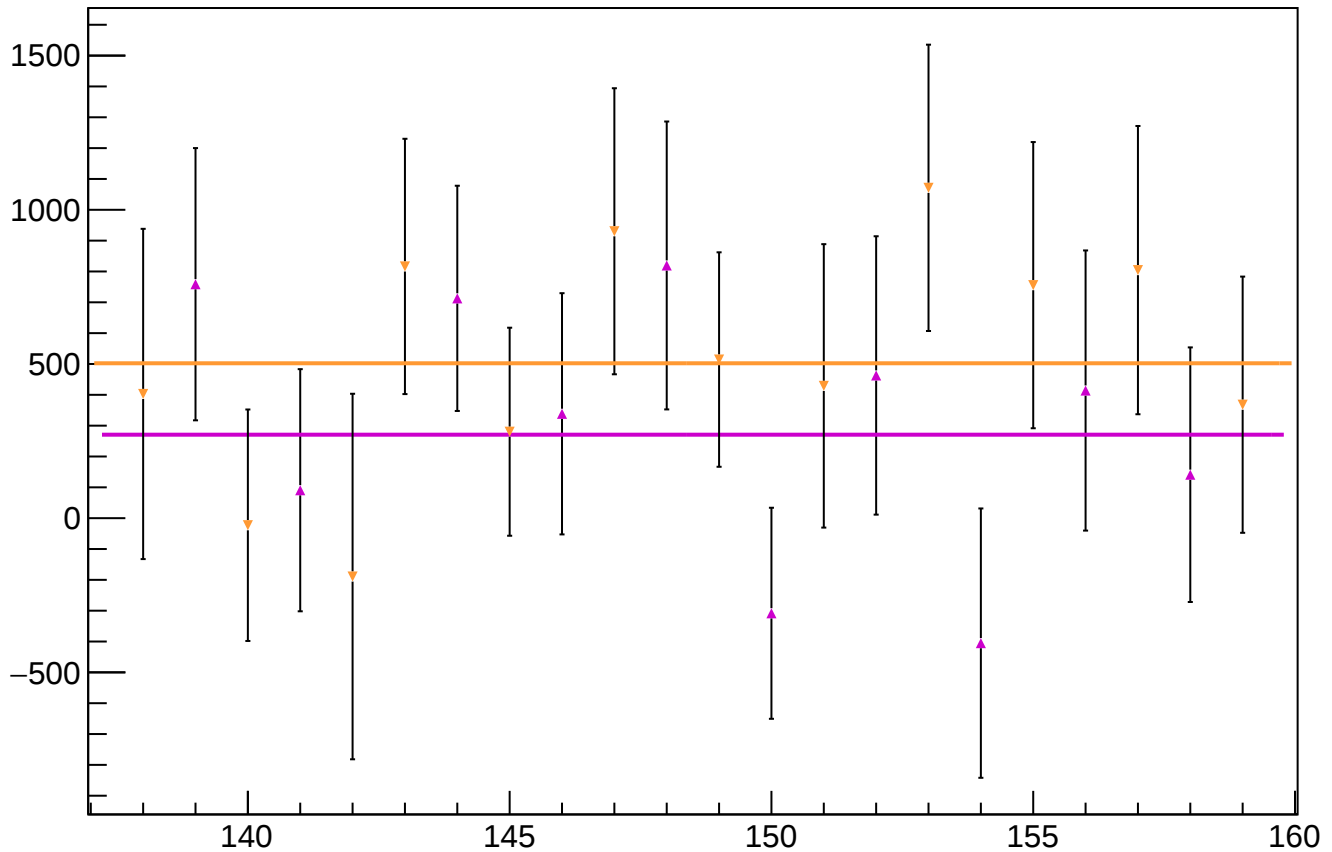
Left In: 69.877 $\pm$ 0.017 χ^2 /NDF: 41580.0/9

+ sign 67.663 $\pm$ 0.012 χ^2 /NDF: 453094.3/28

All: 67.790 $\pm$ 0.009 χ^2 /NDF: 821180.5/57

- sign 67.923 $\pm$ 0.012 χ^2 /NDF: 367860.3/28

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 502.317+/-123.684 χ^2/NDF : 7.6/11

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

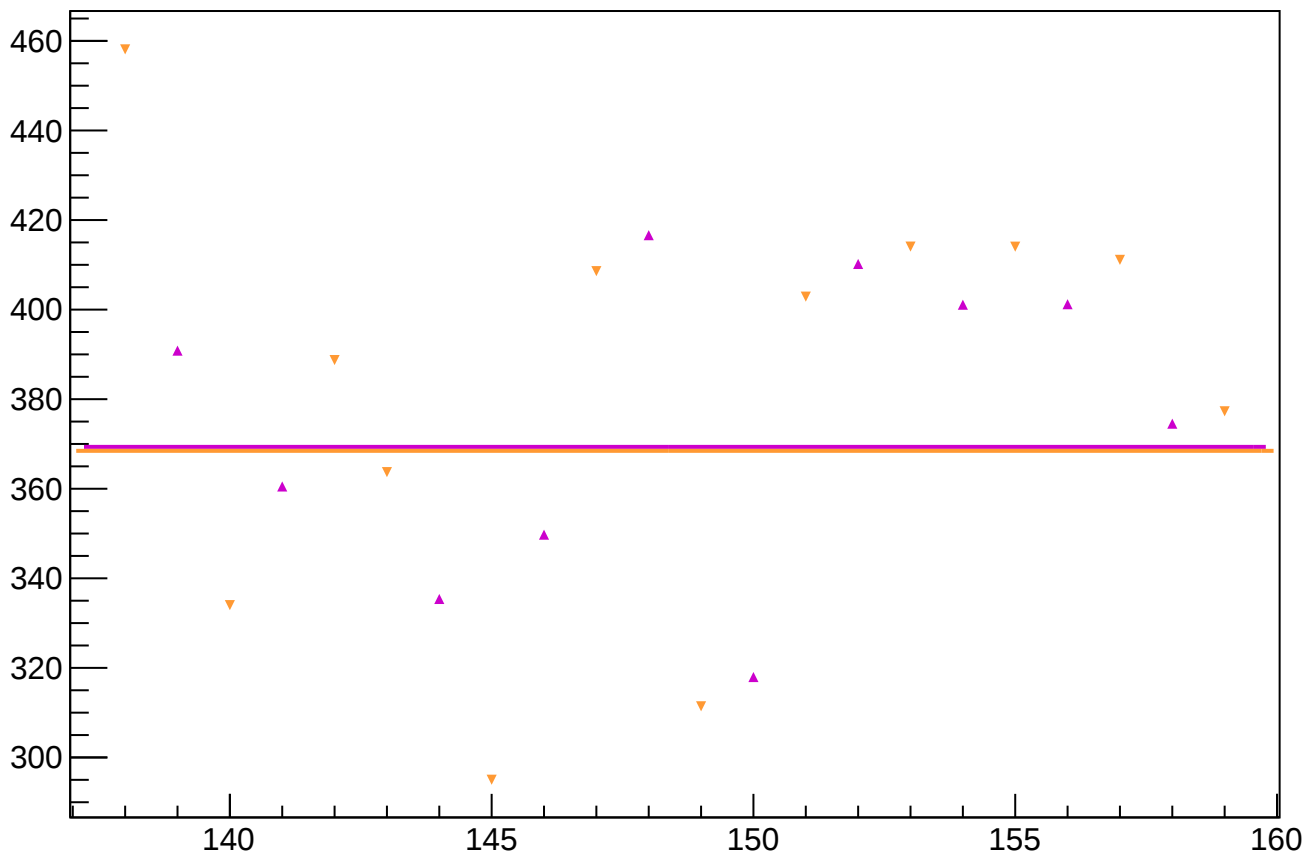
Left In: 270.704+/-129.477 χ^2/NDF : 9.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.808+/-89.436 χ^2/NDF : 19.2/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 368.467+/-0.087 χ^2/NDF : 306498.7/11

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

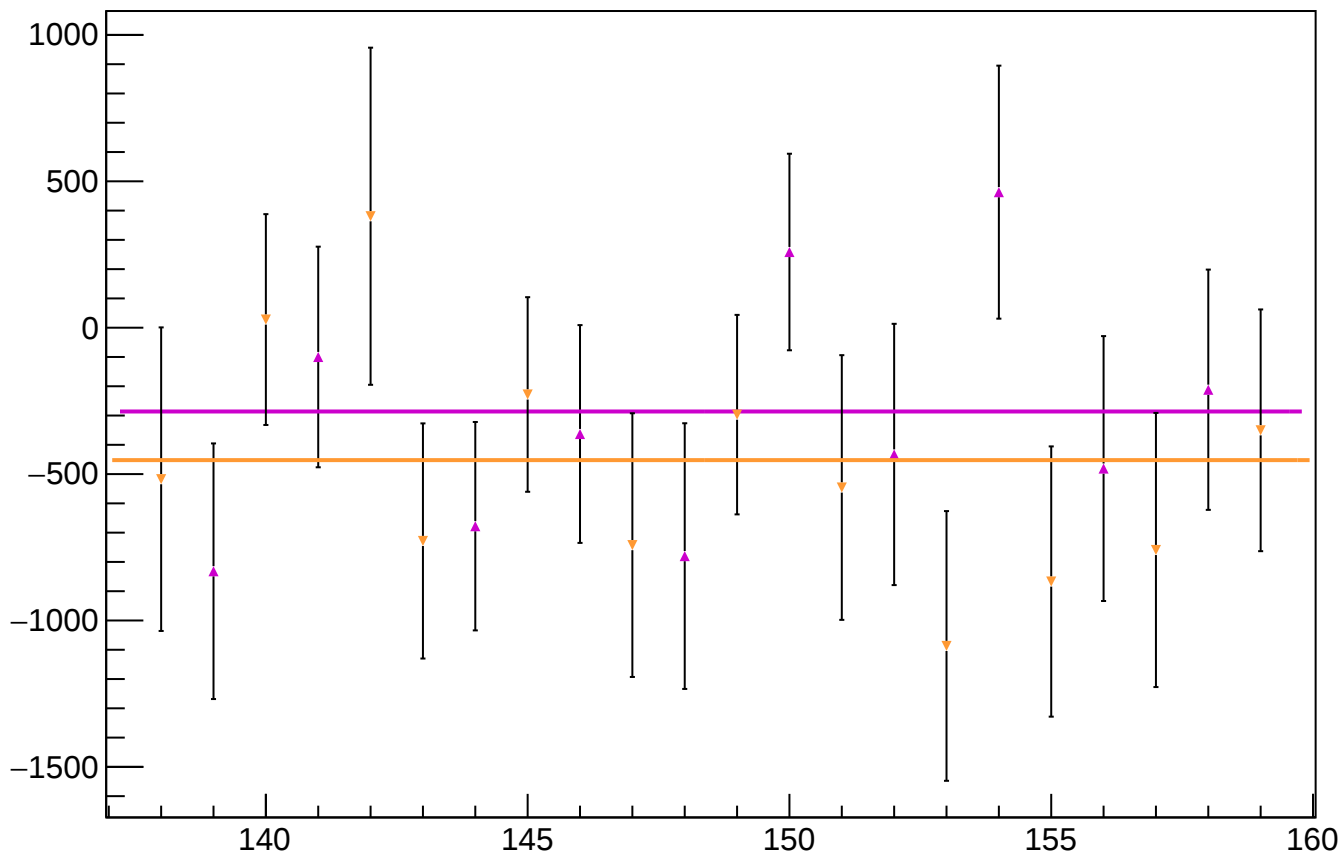
Left In: 369.350+/-0.092 χ^2/NDF : 130790.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.888+/-0.063 χ^2/NDF : 437337.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -452.291+/-121.280 χ^2/NDF : 8.7/11

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

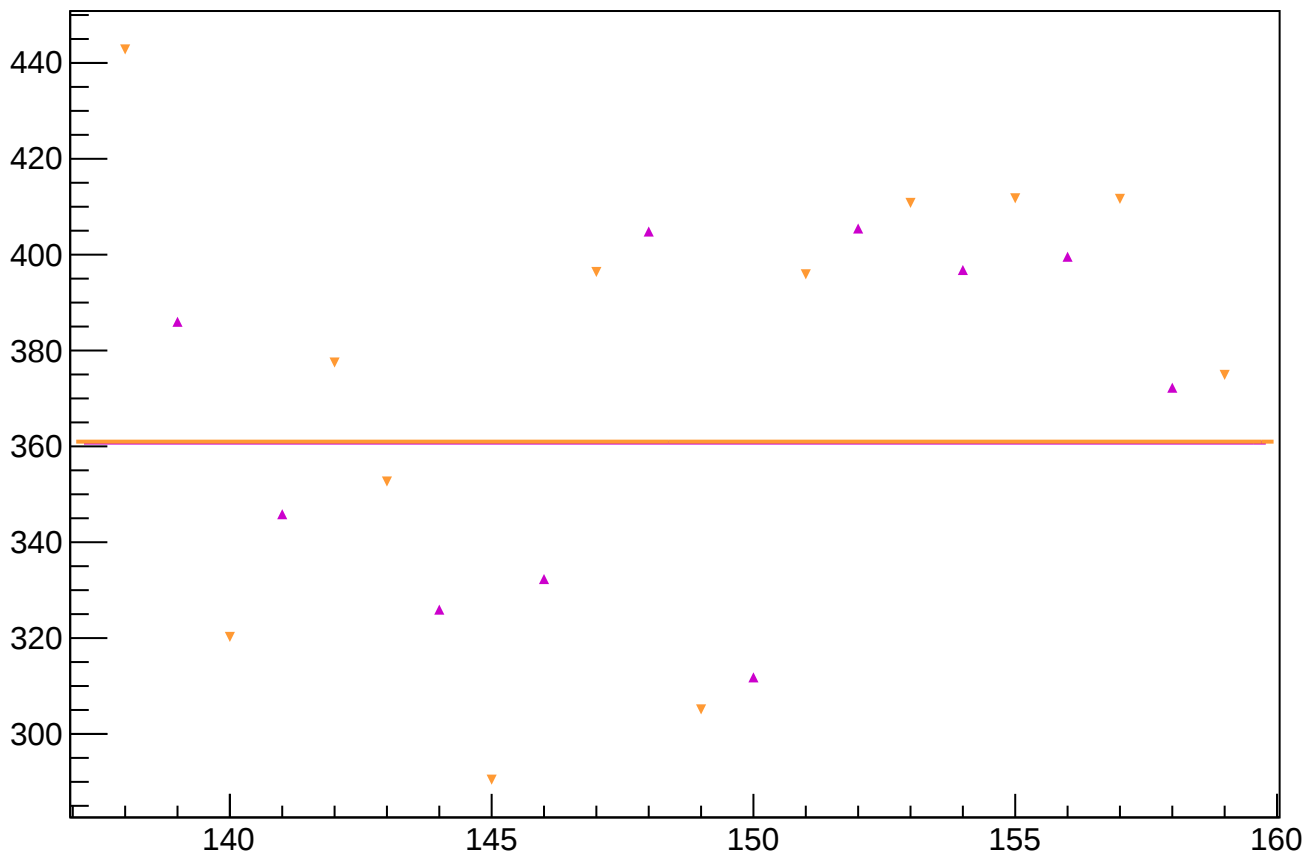
Left In: -286.174+/-126.641 χ^2/NDF : 10.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.823+/-87.592 χ^2/NDF : 19.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 360.985+/-0.086 χ^2/NDF : 319387.3/11

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

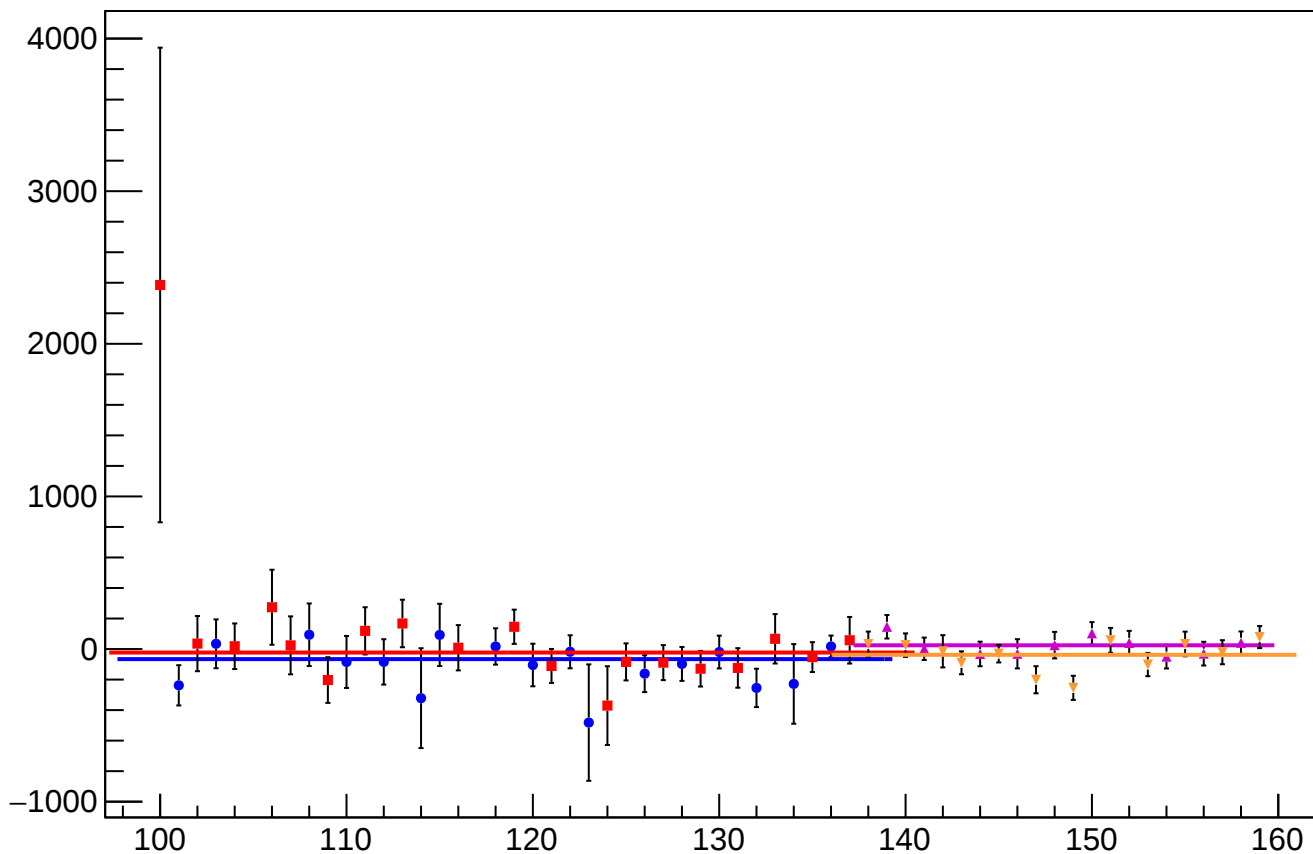
Left In: 360.792+/-0.090 χ^2/NDF : 152339.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.892+/-0.062 χ^2/NDF : 471729.3/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -37.796 ± 22.352 χ^2/NDF : 18.3/11

Right Out: -22.908 ± 32.782 χ^2/NDF : 15.3/18

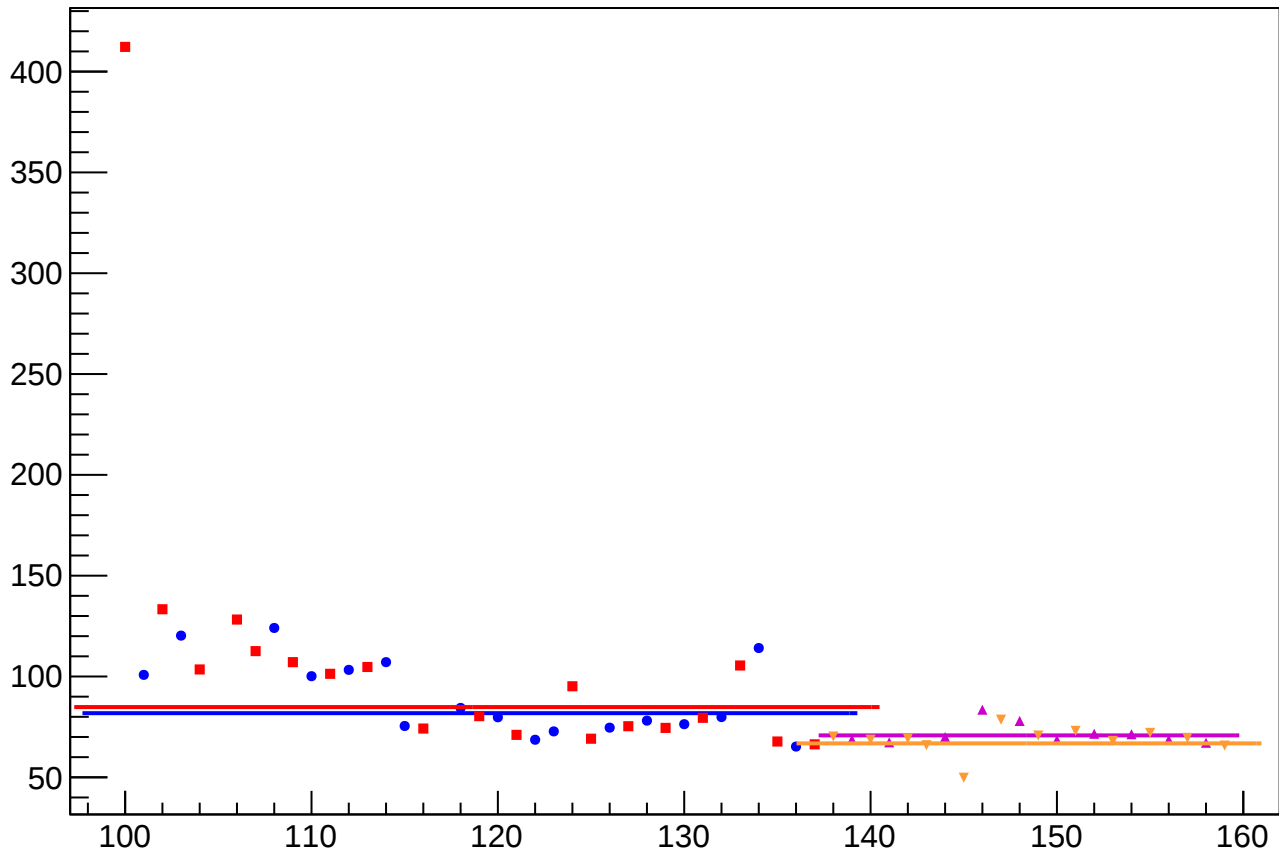
Left In: 24.645 ± 24.917 χ^2/NDF : 6.0/9

+ sign -46.924 ± 18.378 χ^2/NDF : 29.6/28

All: -21.911 ± 13.482 χ^2/NDF : 56.3/57

- sign 7.232 ± 19.837 χ^2/NDF : 22.7/28

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 66.831 $\pm$ 0.016 χ^2 /NDF: 244867.5/11

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

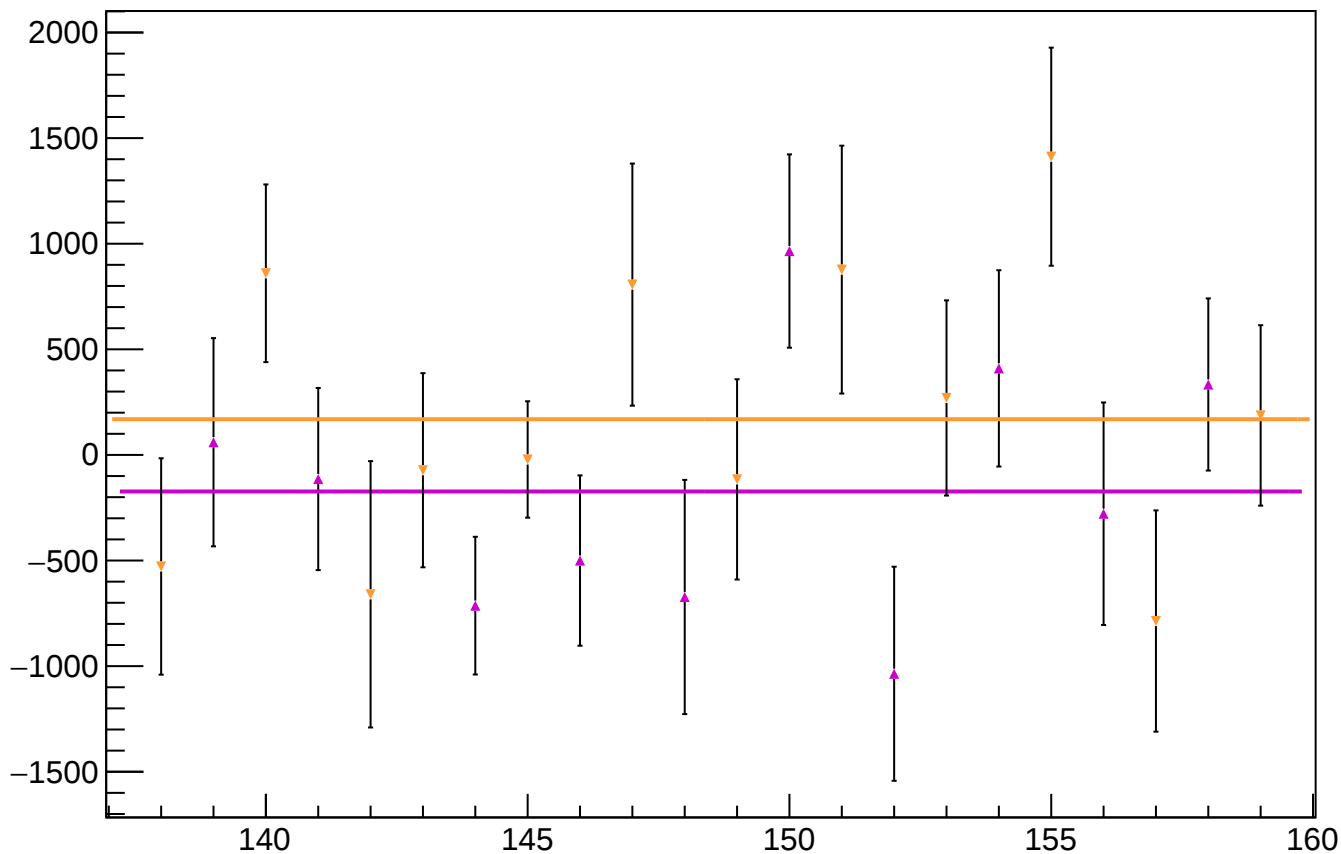
Left In: 70.796 $\pm$ 0.018 χ^2 /NDF: 63964.2/9

+ sign 71.683 $\pm$ 0.013 χ^2 /NDF: 1042972.9/28

All: 73.648 $\pm$ 0.010 χ^2 /NDF: 2093599.2/57

- sign 75.937 $\pm$ 0.014 χ^2 /NDF: 1001130.4/28

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 168.975+/-131.492 χ^2/NDF : 19.3/11

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

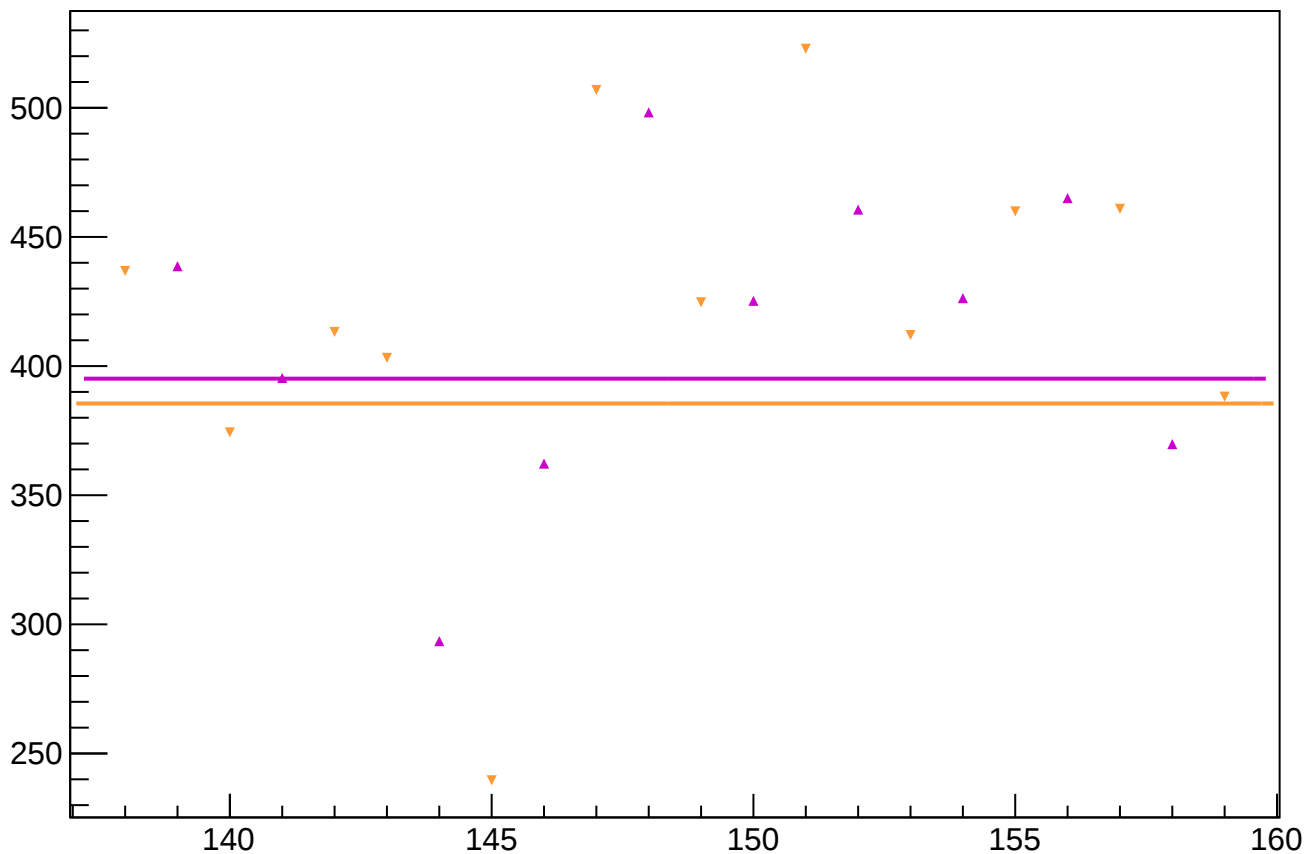
Left In: -173.125+/-139.709 χ^2/NDF : 16.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.281+/-95.752 χ^2/NDF : 39.1/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 385.516+/-0.093 χ^2/NDF : 891444.1/11

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

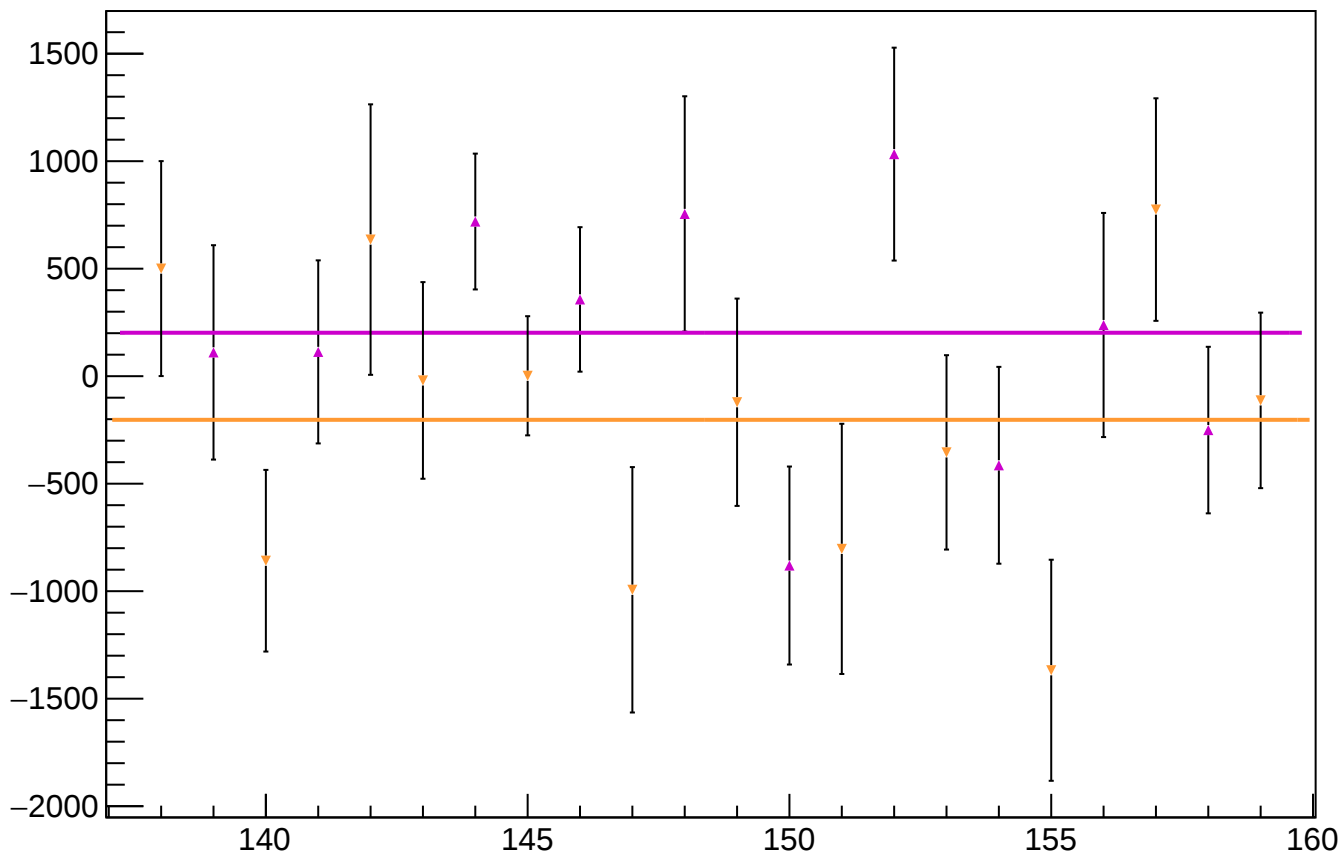
Left In: 395.133+/-0.099 χ^2/NDF : 386531.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.033+/-0.068 χ^2/NDF : 1283000.7/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -202.938 $\pm$ 130.551 χ^2 /NDF: 18.7/11

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

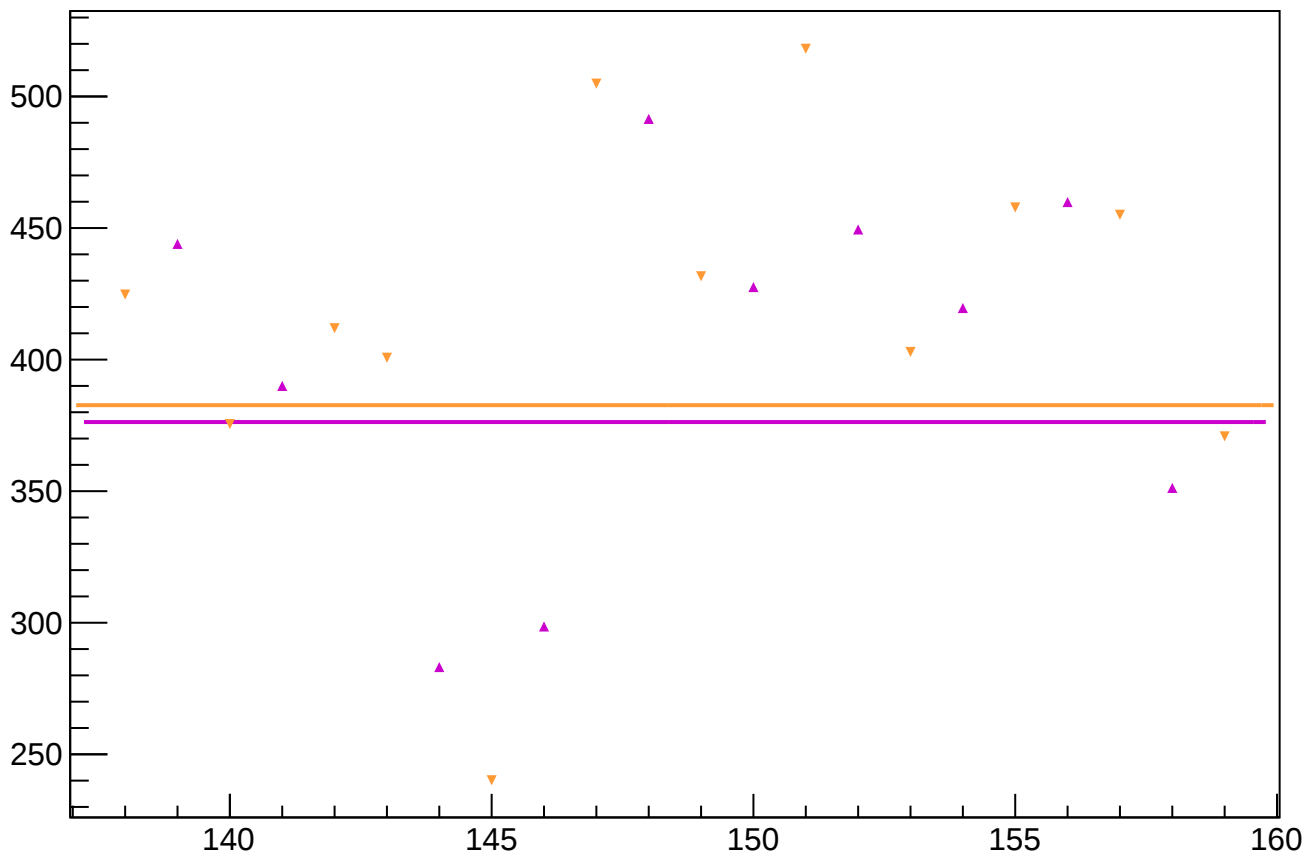
Left In: 202.044 $\pm$ 134.024 χ^2 /NDF: 15.5/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.762 $\pm$ 93.517 χ^2 /NDF: 39.0/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 382.686+/-0.092 χ^2/NDF :859632.9/11

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

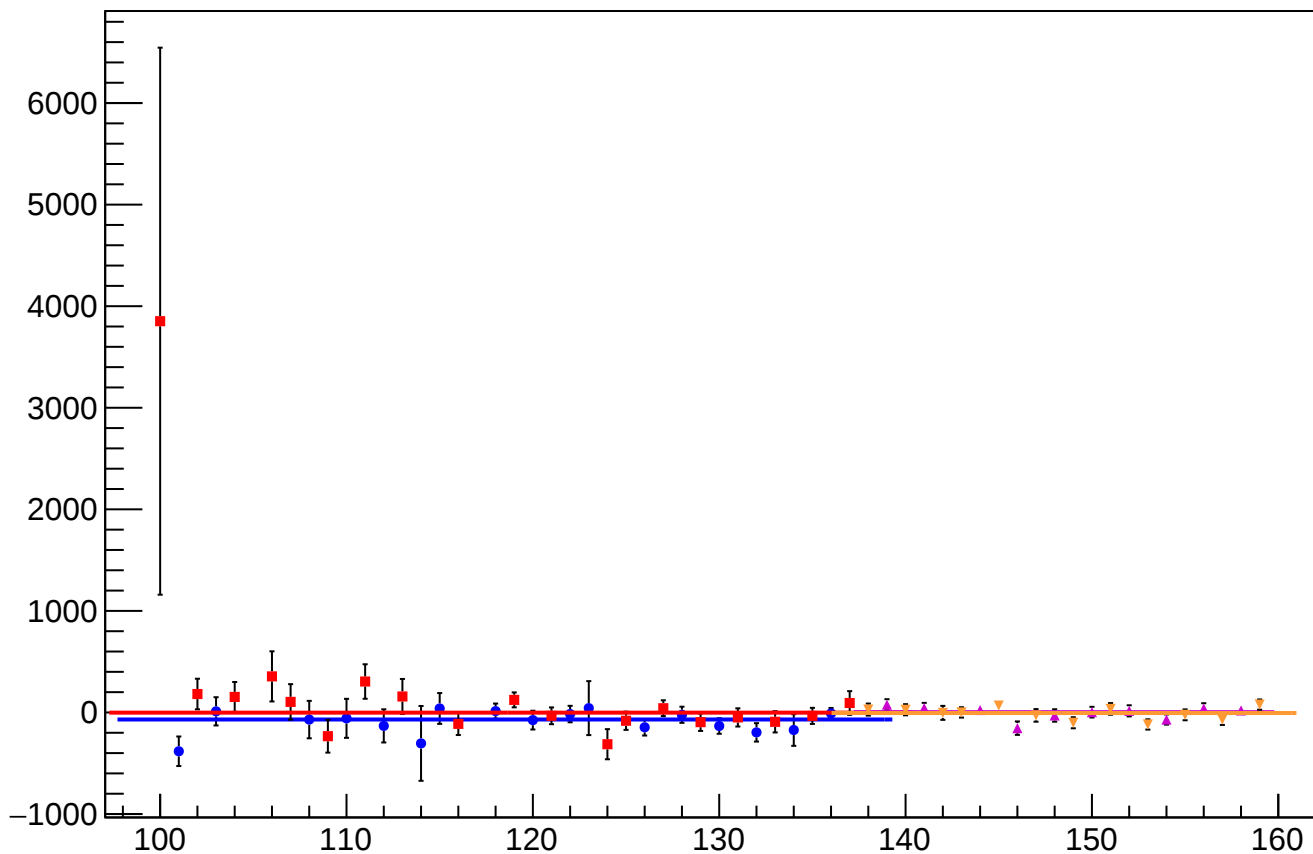
Left In: 376.272+/-0.095 χ^2/NDF :554542.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.563+/-0.066 χ^2/NDF : 1416526.5/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: -5.313 ± 15.457 χ^2/NDF : 16.8/11

Right Out: -1.744 ± 25.186 χ^2/NDF : 25.8/18

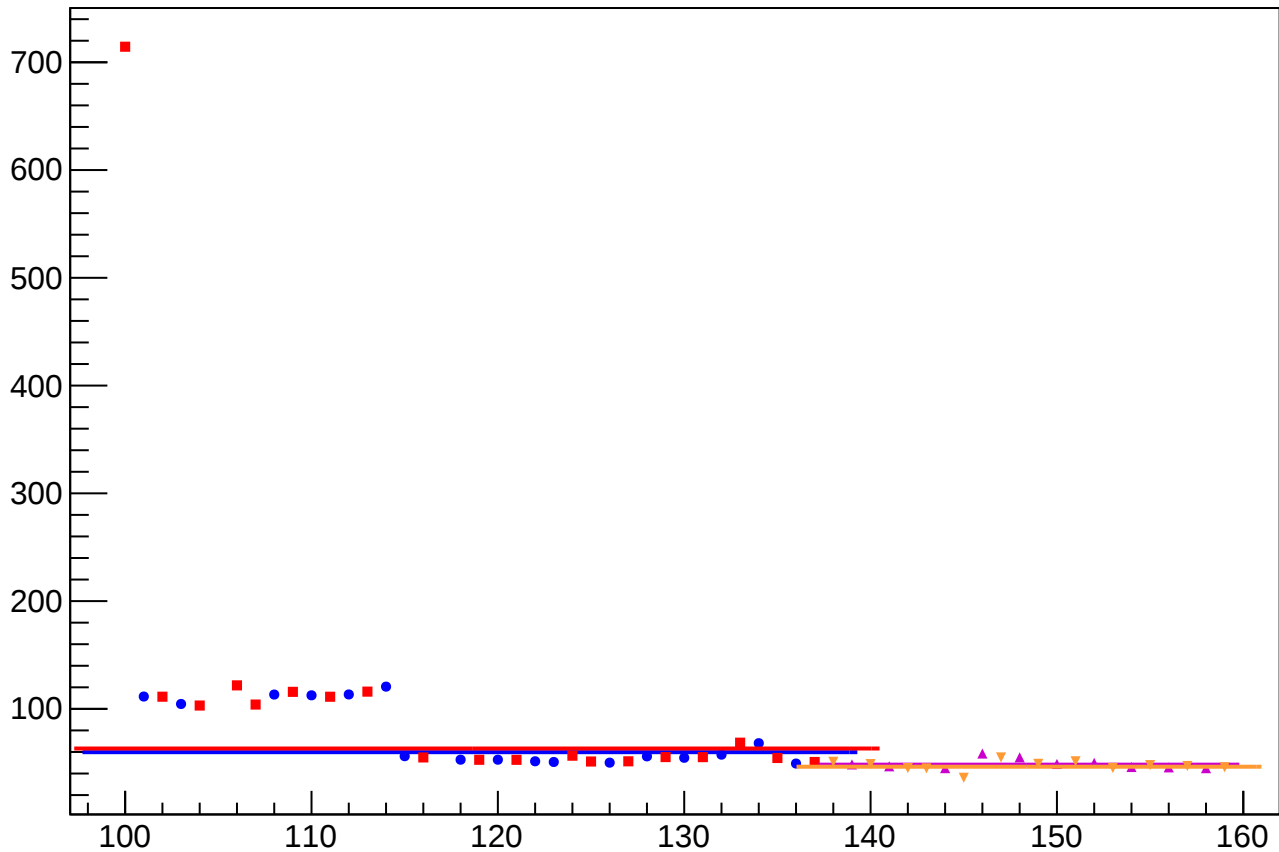
Left In: 3.050 ± 16.897 χ^2/NDF : 11.4/9

+ sign -23.756 ± 13.036 χ^2/NDF : 35.2/28

All: -12.027 ± 9.550 χ^2/NDF : 74.2/57

- sign 1.562 ± 14.032 χ^2/NDF : 37.2/28

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.325+/-0.011 χ^2/NDF : 203528.8/11

Right Out: 63.223+/-0.018 χ^2/NDF : 1504271.8/18

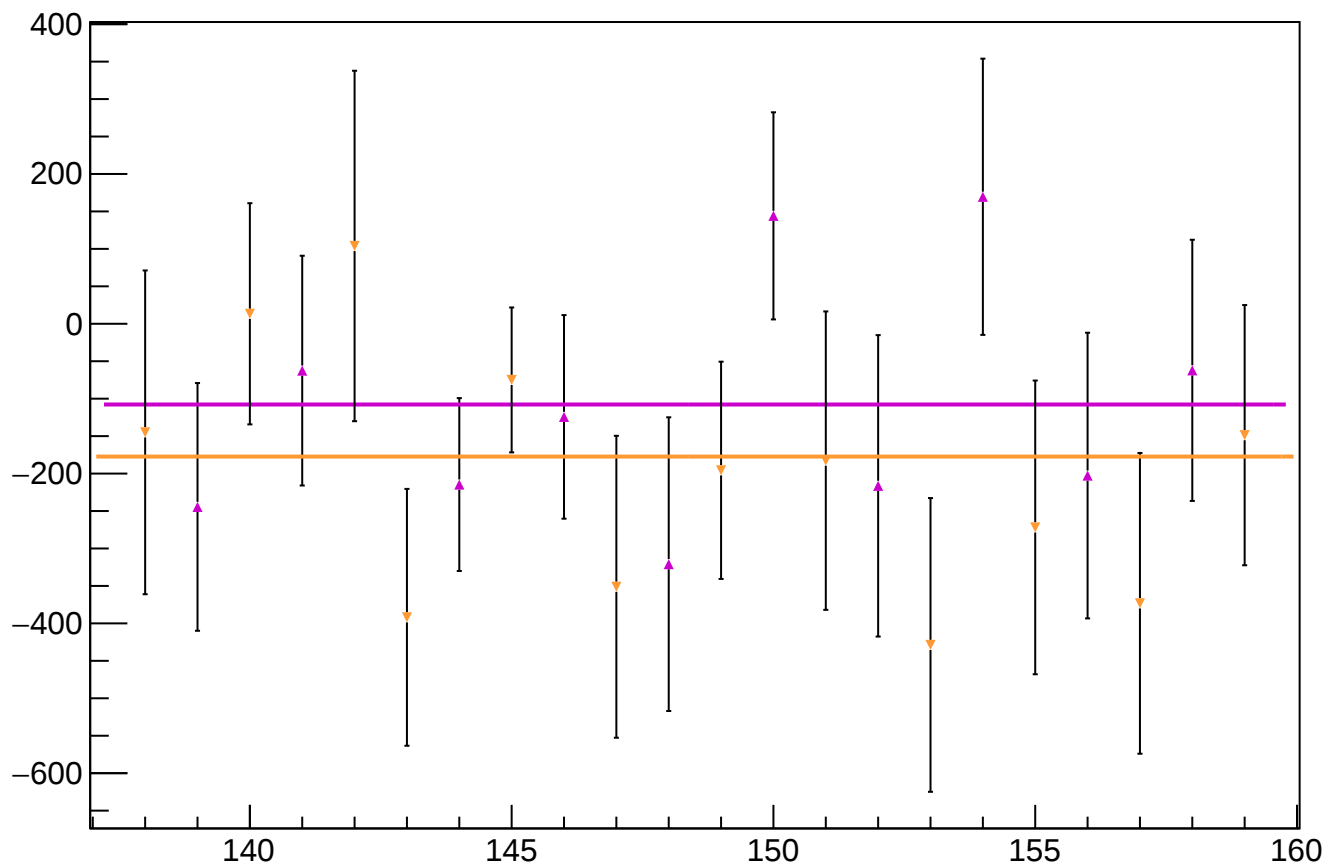
Left In: 48.232+/-0.012 χ^2/NDF : 102912.3/9

+ sign 50.218+/-0.009 χ^2/NDF : 1872956.5/28

All: 51.454+/-0.007 χ^2/NDF : 4007510.2/57

- sign 52.885+/-0.010 χ^2/NDF : 2095769.5/28

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -177.283+/-48.014 χ^2/NDF : 9.4/11

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

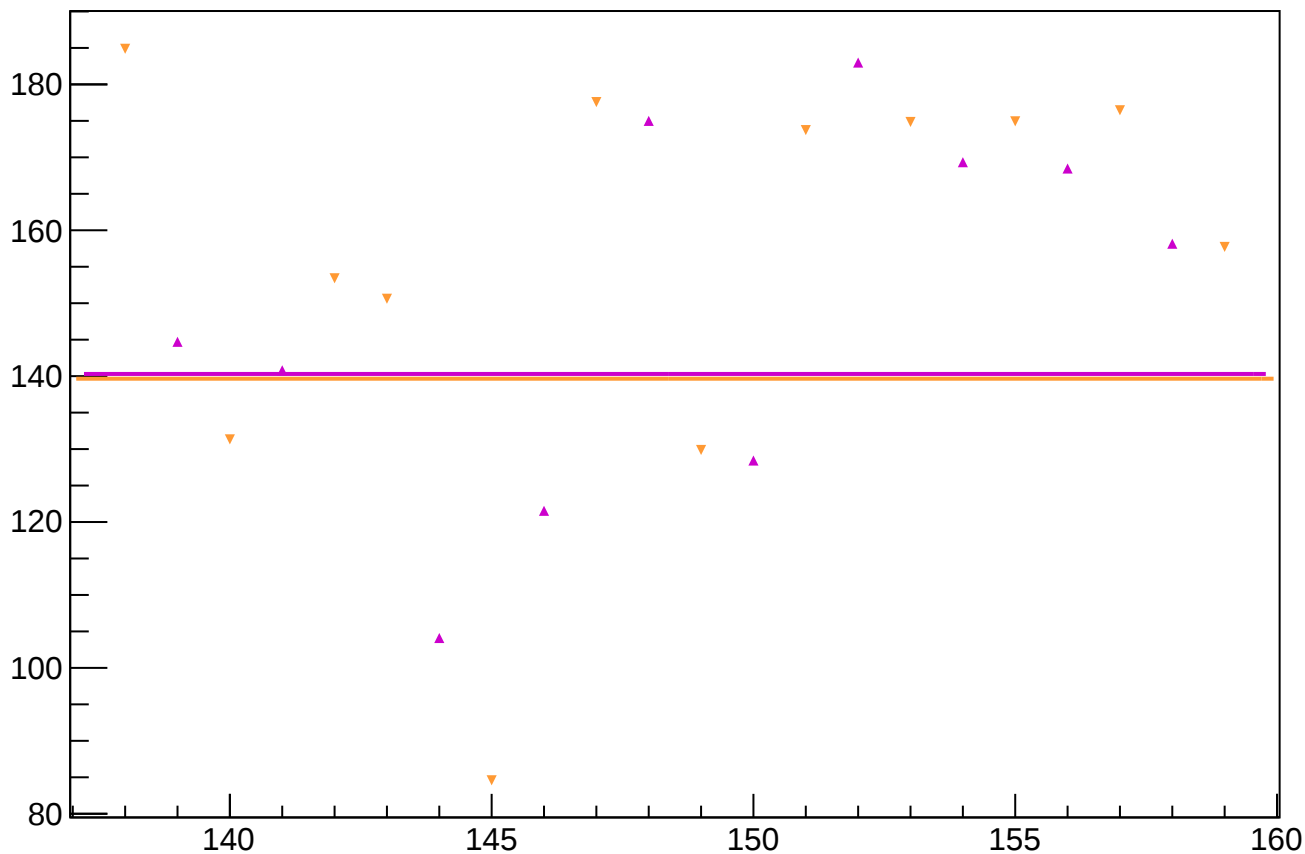
Left In: -107.774+/-49.927 χ^2/NDF : 9.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.886+/-34.608 χ^2/NDF : 19.5/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 139.649+/-0.034 χ^2/NDF :1113613.5/11

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

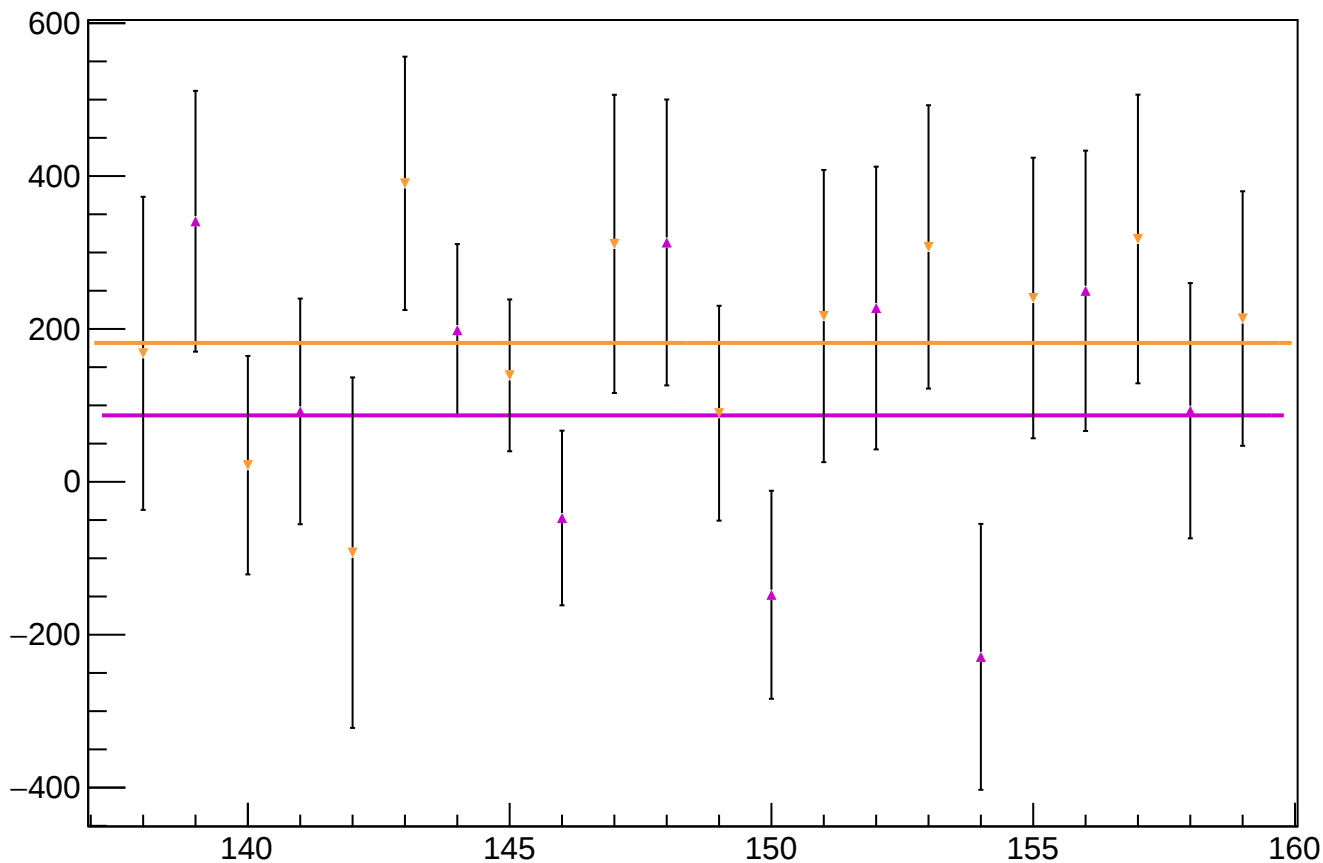
Left In: 140.302+/-0.035 χ^2/NDF :518030.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.963+/-0.024 χ^2/NDF : 1631821.7/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 181.726+/-46.787 χ^2/NDF : 6.5/11

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

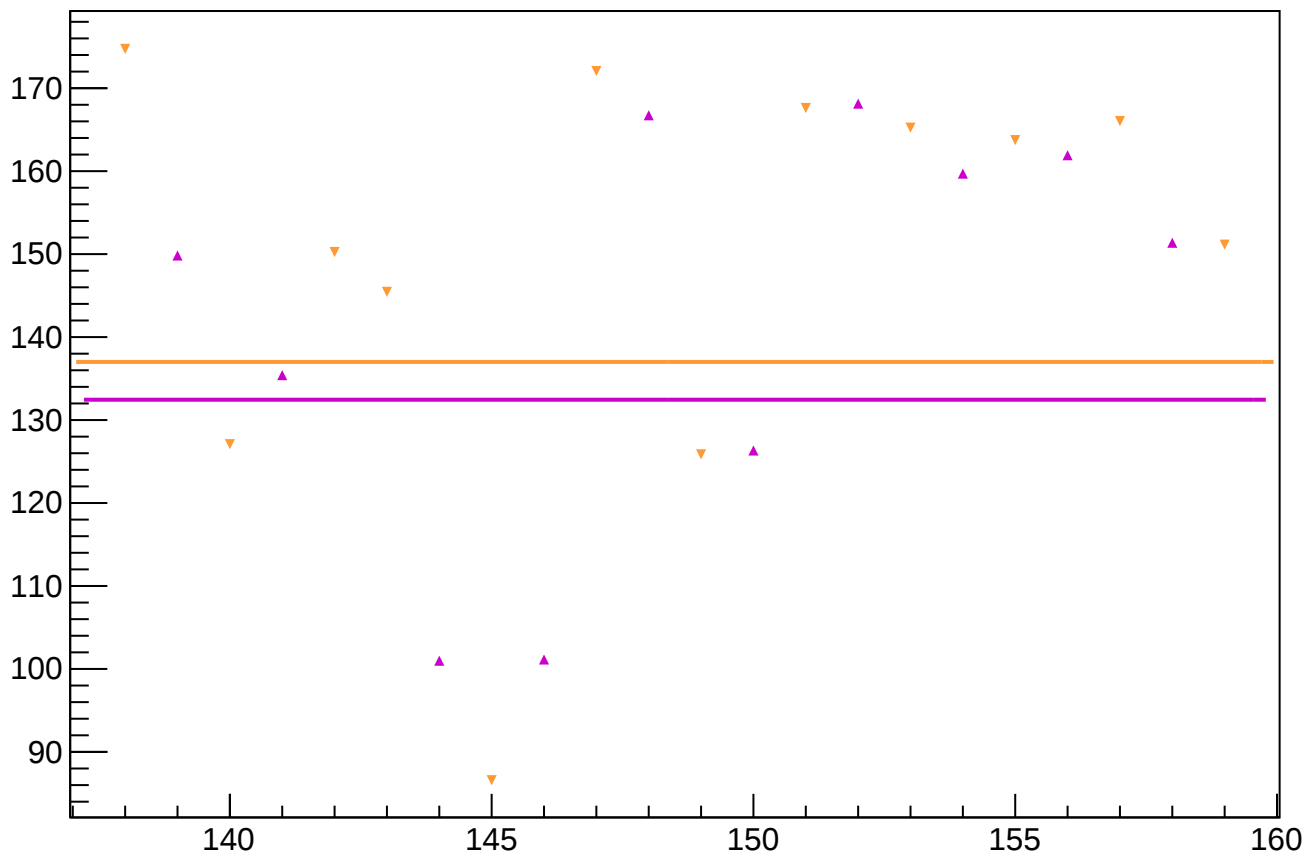
Left In: 86.937+/-47.334 χ^2/NDF : 13.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.883+/-33.275 χ^2/NDF : 22.2/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 137.004+/-0.033 χ^2/NDF : 883777.5/11

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

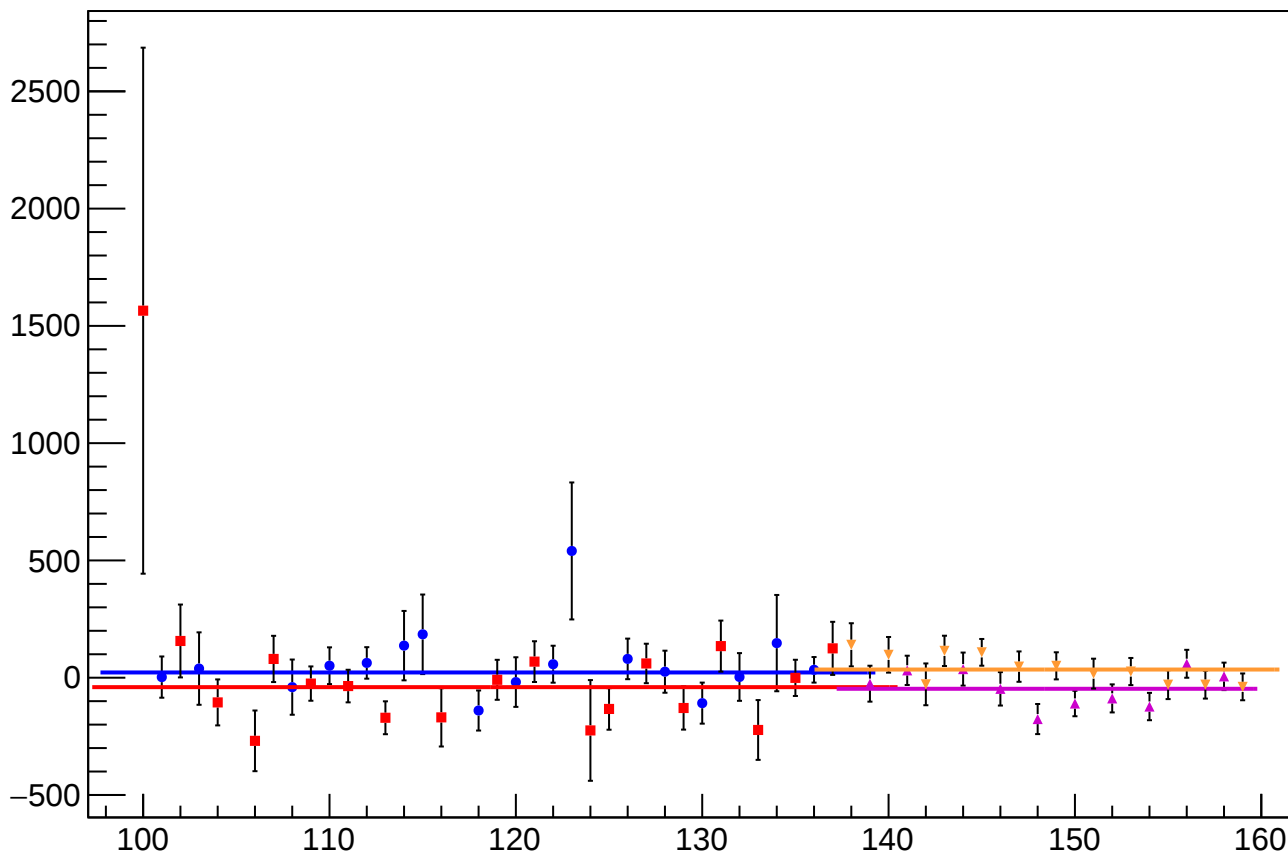
Left In: 132.452+/-0.033 χ^2/NDF : 600176.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.755+/-0.024 χ^2/NDF : 1493311.1/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 34.834+/-18.568 χ^2/NDF : 9.8/11

Right Out: -40.242+/-22.132 χ^2/NDF : 26.3/18

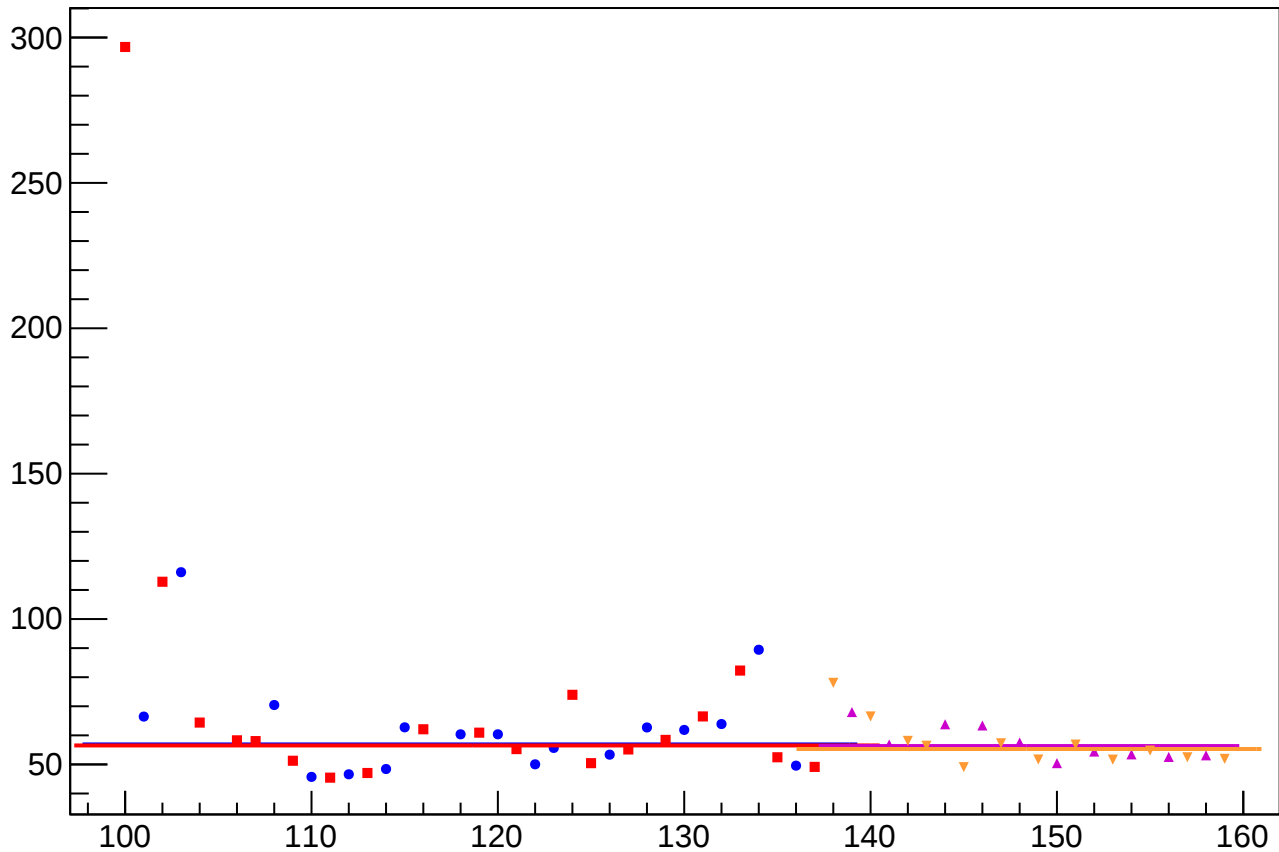
Left In: -47.252+/-19.782 χ^2/NDF : 14.6/9

+ sign 29.815+/-14.353 χ^2/NDF : 22.6/28

All: -6.155+/-10.286 χ^2/NDF : 76.5/57

- sign -44.139+/-14.749 χ^2/NDF : 41.0/28

dit_asym_sam_1357_avg_rms vs Slug



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 55.310+/-0.013 χ^2/NDF : 223000.3/11

Right Out: 56.528+/-0.016 χ^2/NDF : 612273.7/18

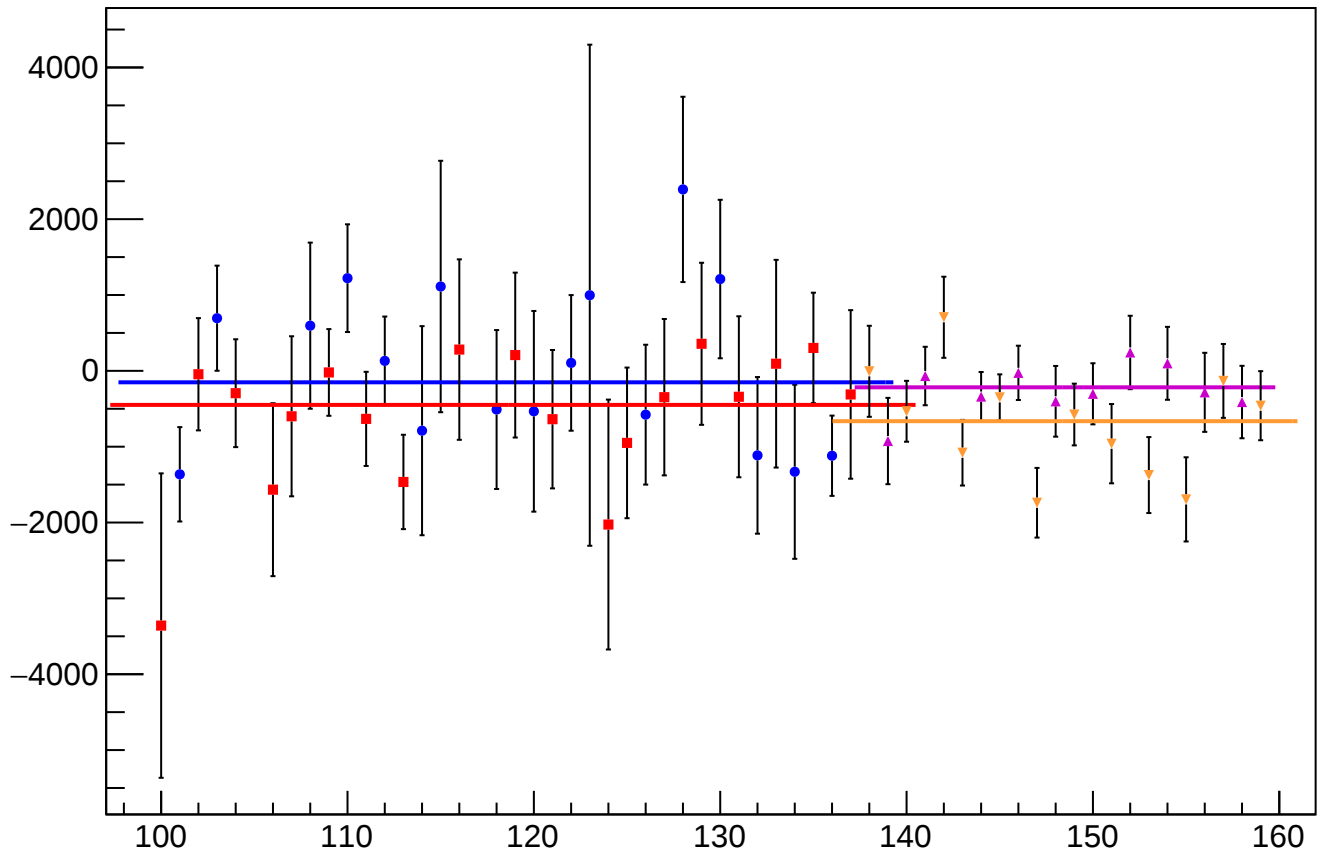
Left In: 56.319+/-0.014 χ^2/NDF : 133882.0/9

+ sign 55.941+/-0.010 χ^2/NDF : 804235.9/28

All: 56.170+/-0.007 χ^2/NDF : 1551535.4/57

- sign 56.411+/-0.010 χ^2/NDF : 746254.8/28

asym_sam_1357_avg_correction_mean vs Slug



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -663.555 $\pm$ 129.754 χ^2 /NDF: 22.6/11

Right Out: -448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

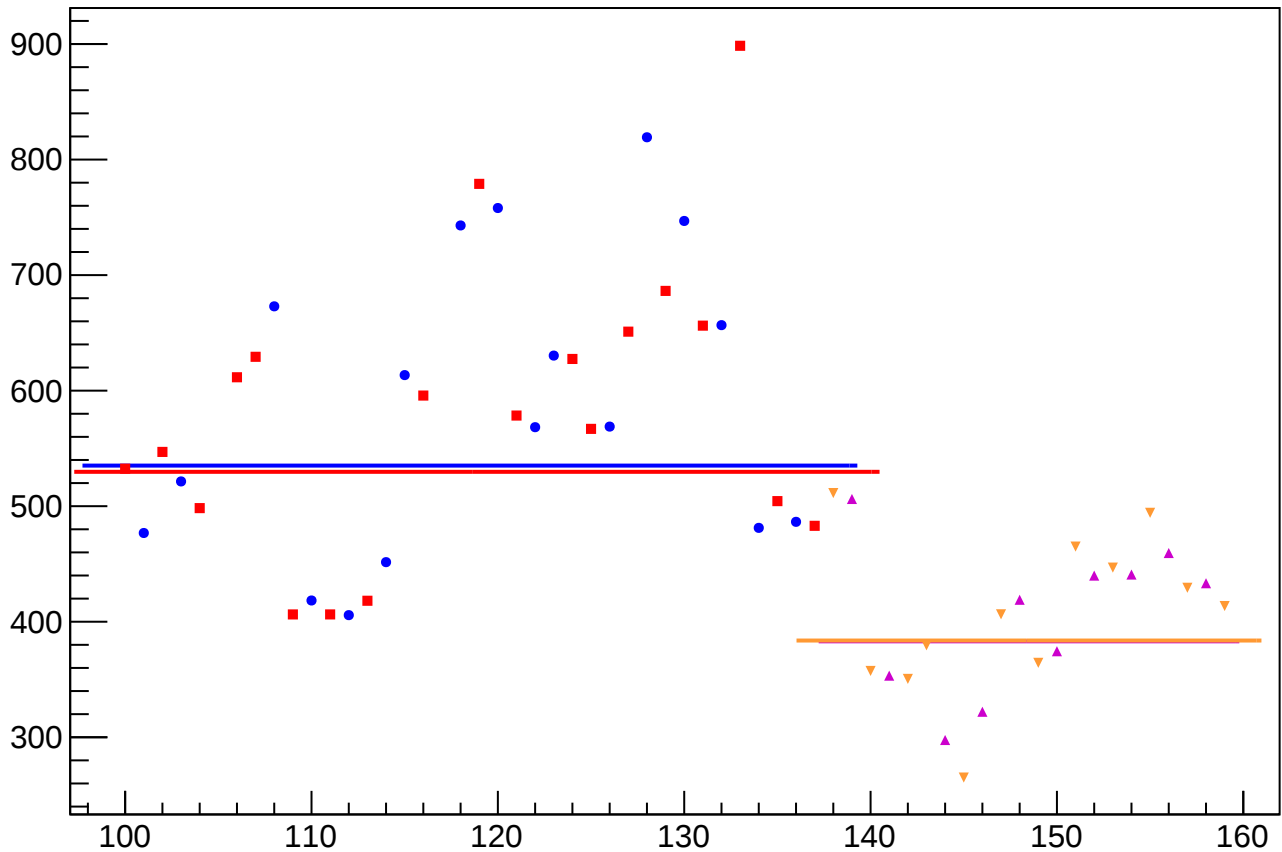
Left In: -217.103 $\pm$ 135.378 χ^2 /NDF: 3.8/9

+ sign -524.356 $\pm$ 110.734 χ^2 /NDF: 49.3/28

All: -408.353 $\pm$ 79.021 χ^2 /NDF: 66.7/57

- sign -287.983 $\pm$ 112.799 χ^2 /NDF: 15.3/28

asym_sam_1357_avg_correction_rms vs Slug



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 383.722 $\pm$ 0.092 χ^2 /NDF: 607653.9/11

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

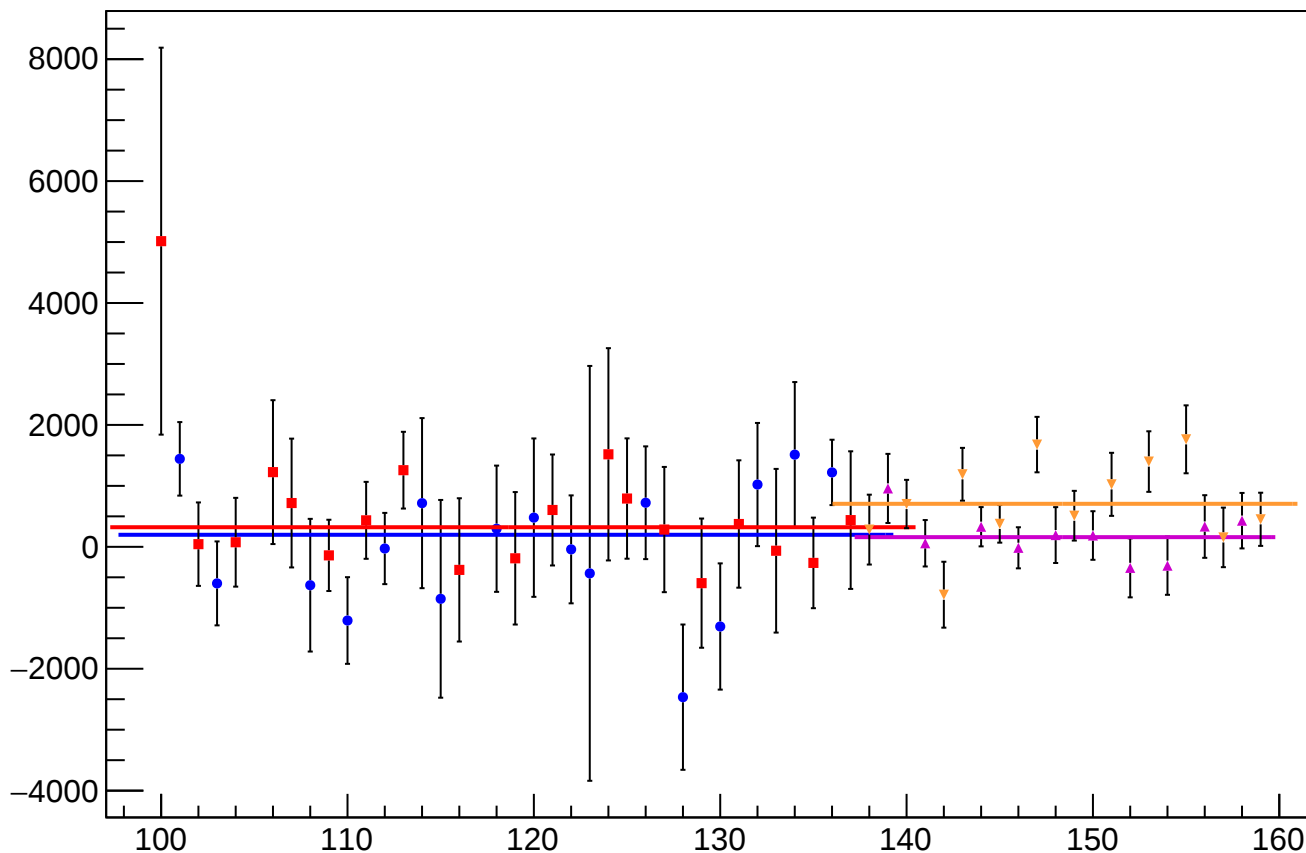
Left In: 383.028 $\pm$ 0.096 χ^2 /NDF: 436938.4/9

+ sign 424.859 $\pm$ 0.078 χ^2 /NDF: 1943660.3/28

All: 426.345 $\pm$ 0.056 χ^2 /NDF: 3746309.9/57

- sign 427.887 $\pm$ 0.080 χ^2 /NDF: 1801915.8/28

asym_sam_1357_avg_mean vs Slug



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 705.738 $\pm$ 129.145 χ^2 /NDF:22.9/11

Right Out: 321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

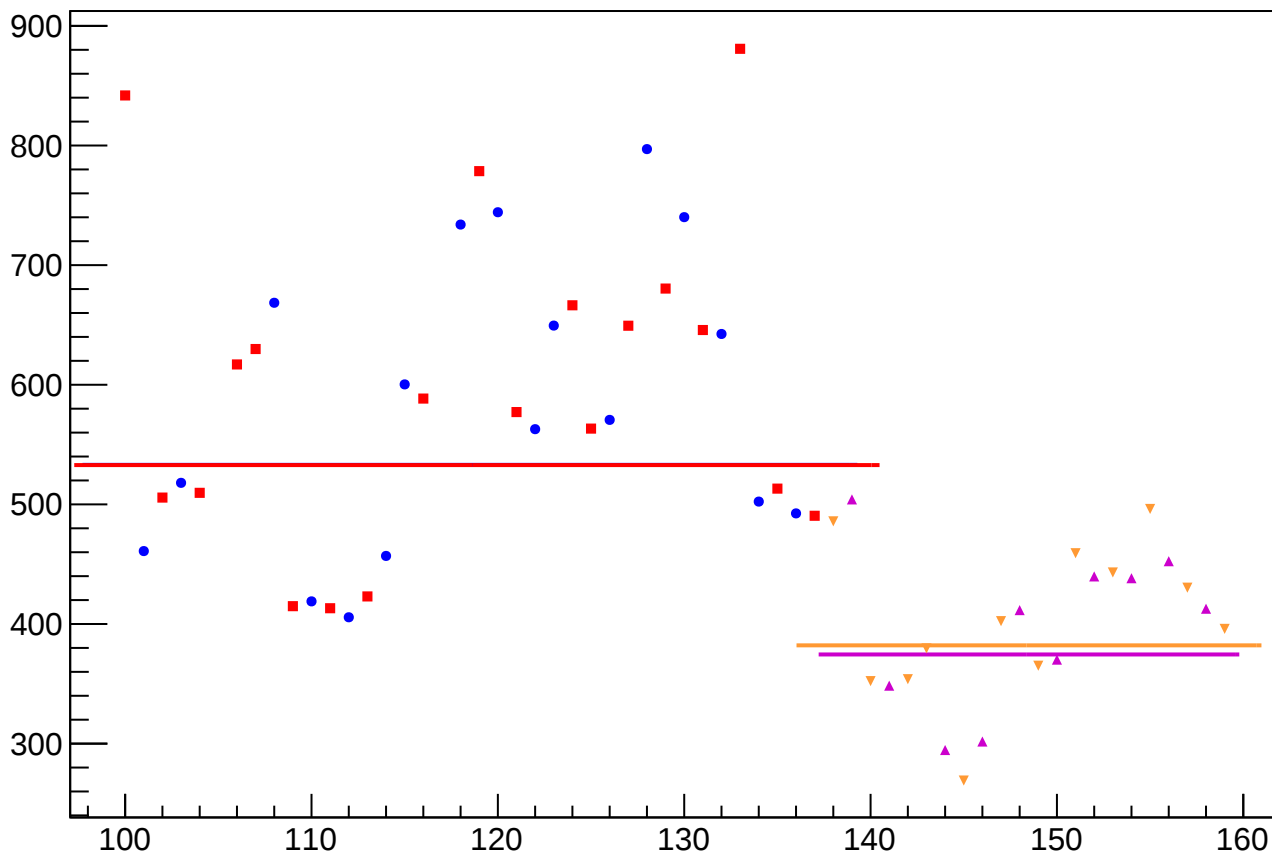
Left In: 158.921 $\pm$ 132.718 χ^2 /NDF:5.1/9

+ sign 567.703 $\pm$ 110.219 χ^2 /NDF: 51.0/28

All: 389.293 $\pm$ 78.369 χ^2 /NDF: 70.8/57

- sign 206.868 $\pm$ 111.452 χ^2 /NDF: 14.5/28

asym_sam_1357_avg_rms vs Slug



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 382.158+/-0.091 χ^2/NDF : 537716.4/11

Right Out: 532.857+/-0.145 χ^2/NDF : 616953.9/18

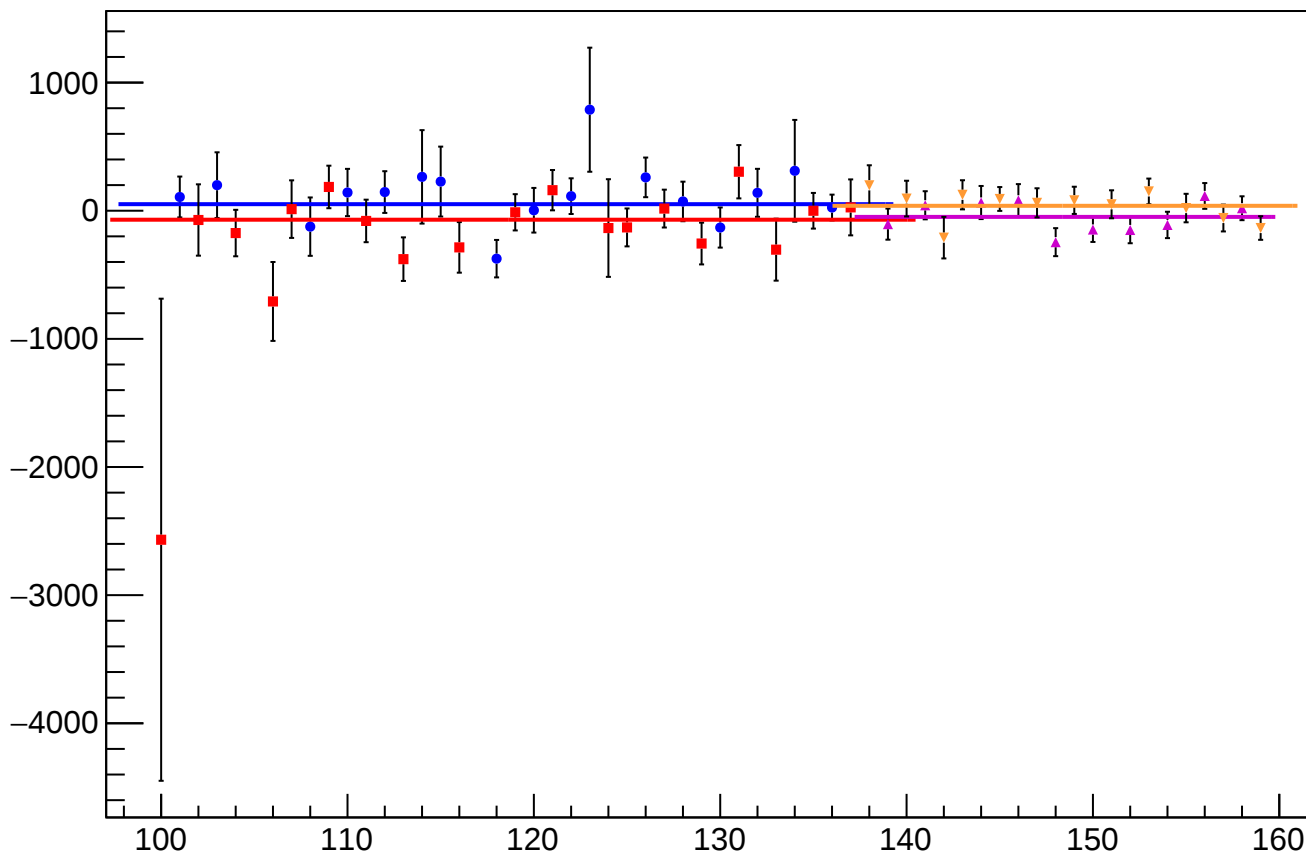
Left In: 374.540+/-0.094 χ^2/NDF : 475582.6/9

+ sign 423.140+/-0.078 χ^2/NDF : 1845994.0/28

All: 422.186+/-0.055 χ^2/NDF : 3777808.4/57

- sign 421.212+/-0.079 χ^2/NDF : 1931511.9/28

dit_asym_sam_2468_avg_mean vs Slug



Right In: 51.166 ± 42.416 χ^2/NDF : 17.4/16

Left Out: 38.428 ± 32.226 χ^2/NDF : 10.3/11

Right Out: -70.072 ± 42.792 χ^2/NDF : 22.1/18

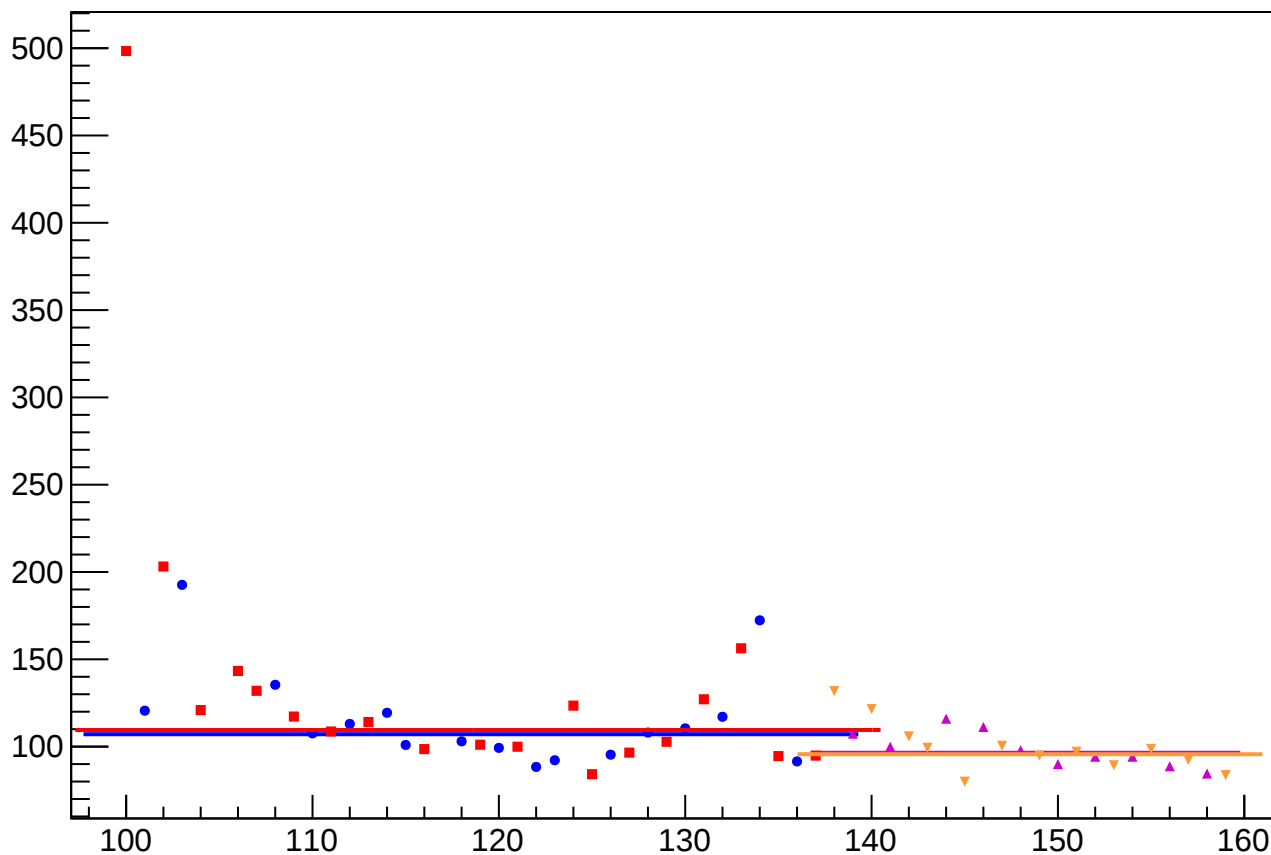
Left In: -48.121 ± 34.004 χ^2/NDF : 11.5/9

+ sign 43.090 ± 25.660 χ^2/NDF : 27.8/28

All: -4.929 ± 18.475 χ^2/NDF : 68.8/57

- sign -56.617 ± 26.622 χ^2/NDF : 33.8/28

dit_asym_sam_2468_avg_rms vs Slug



Right In: 107.094+/-0.030 χ^2/NDF : 437755.4/16

Left Out: 95.651+/-0.023 χ^2/NDF : 291615.7/11

Right Out: 109.530+/-0.030 χ^2/NDF : 591522.9/18

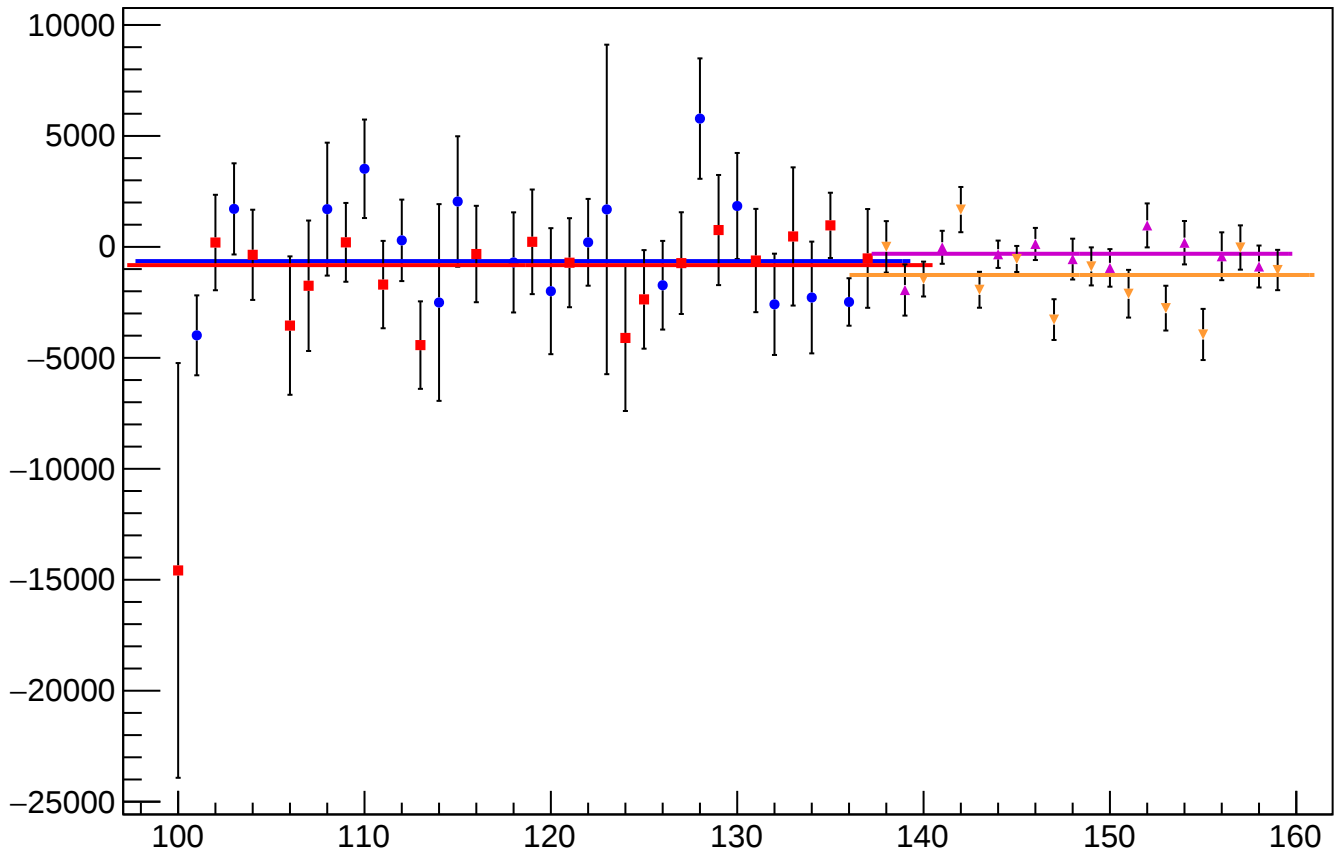
Left In: 96.489+/-0.024 χ^2/NDF : 146606.5/9

+ sign 99.839+/-0.018 χ^2/NDF : 821656.3/28

All: 100.657+/-0.013 χ^2/NDF : 1677863.7/57

- sign 101.537+/-0.019 χ^2/NDF : 851990.0/28

asym_sam_2468_avg_correction_mean vs Slug



Right In: -639.847 ± 519.248 χ^2/NDF : 21.8/16

Left Out: -1265.925 ± 257.185 χ^2/NDF : 26.6/11

Right Out: -821.471 ± 515.663 χ^2/NDF : 11.0/18

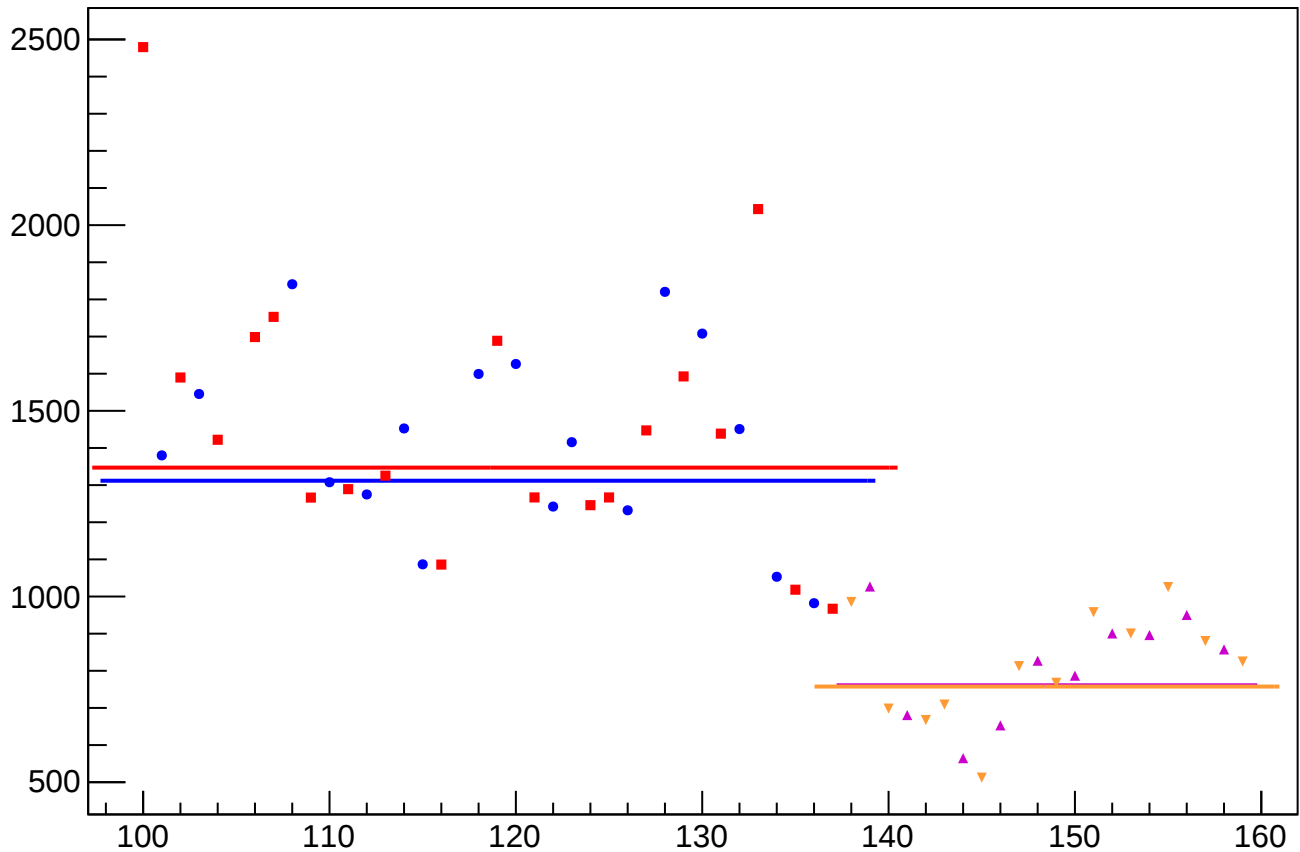
Left In: -310.140 ± 269.911 χ^2/NDF : 5.5/9

+ sign -1142.590 ± 230.465 χ^2/NDF : 49.5/28

All: -794.680 ± 165.943 χ^2/NDF : 71.5/57

- sign -420.104 ± 239.134 χ^2/NDF : 17.2/28

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 757.563 $\pm$ 0.182 χ^2 /NDF: 726614.4/11

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

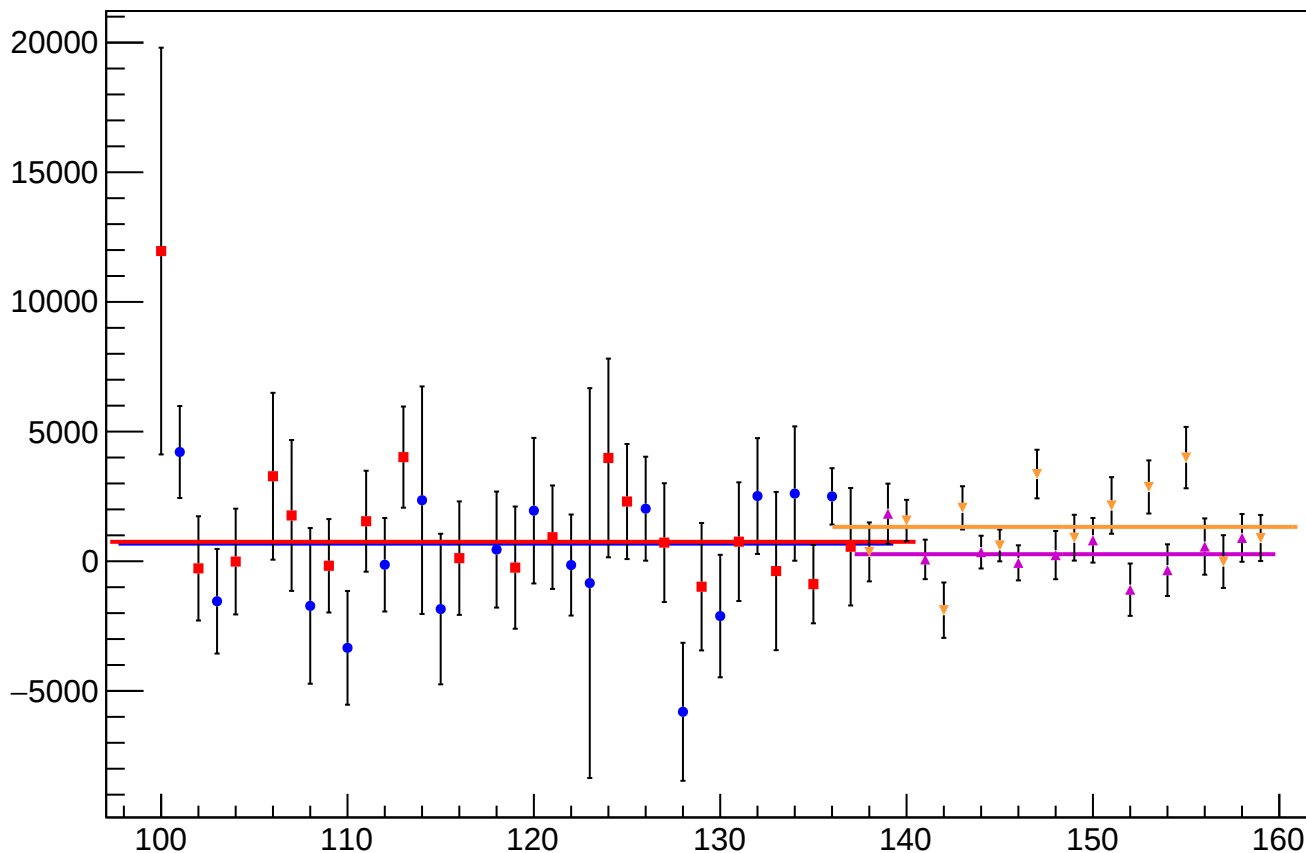
Left In: 761.017 $\pm$ 0.191 χ^2 /NDF: 550054.2/9

+ sign 866.745 $\pm$ 0.163 χ^2 /NDF: 3068992.0/28

All: 876.528 $\pm$ 0.117 χ^2 /NDF: 6145050.3/57

- sign 887.061 $\pm$ 0.169 χ^2 /NDF: 3068574.6/28

asym_sam_2468_avg_mean vs Slug



Right In: 679.925 ± 517.508 χ^2/NDF : 22.6/16

Left Out: 1325.243 ± 262.788 χ^2/NDF : 26.8/11

Right Out: 749.718 ± 516.198 χ^2/NDF : 9.7/18

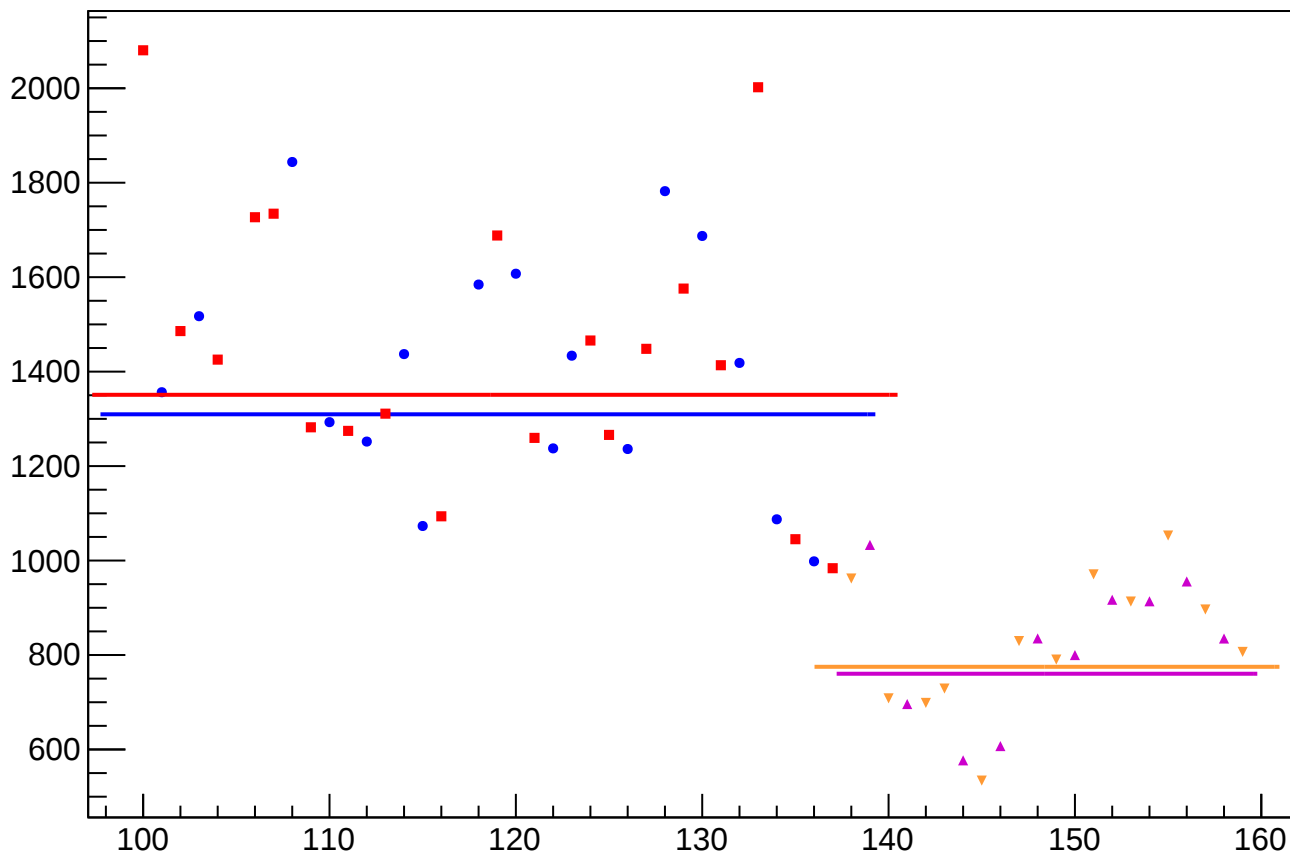
Left In: 272.305 ± 270.370 χ^2/NDF : 5.3/9

+ sign 1192.956 ± 234.309 χ^2/NDF : 50.6/28

All: 792.988 ± 167.489 χ^2/NDF : 72.2/57

- sign 375.082 ± 239.506 χ^2/NDF : 15.7/28

asym_sam_2468_avg_rms vs Slug



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 775.039+/-0.186 χ^2/NDF : 642302.2/11

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

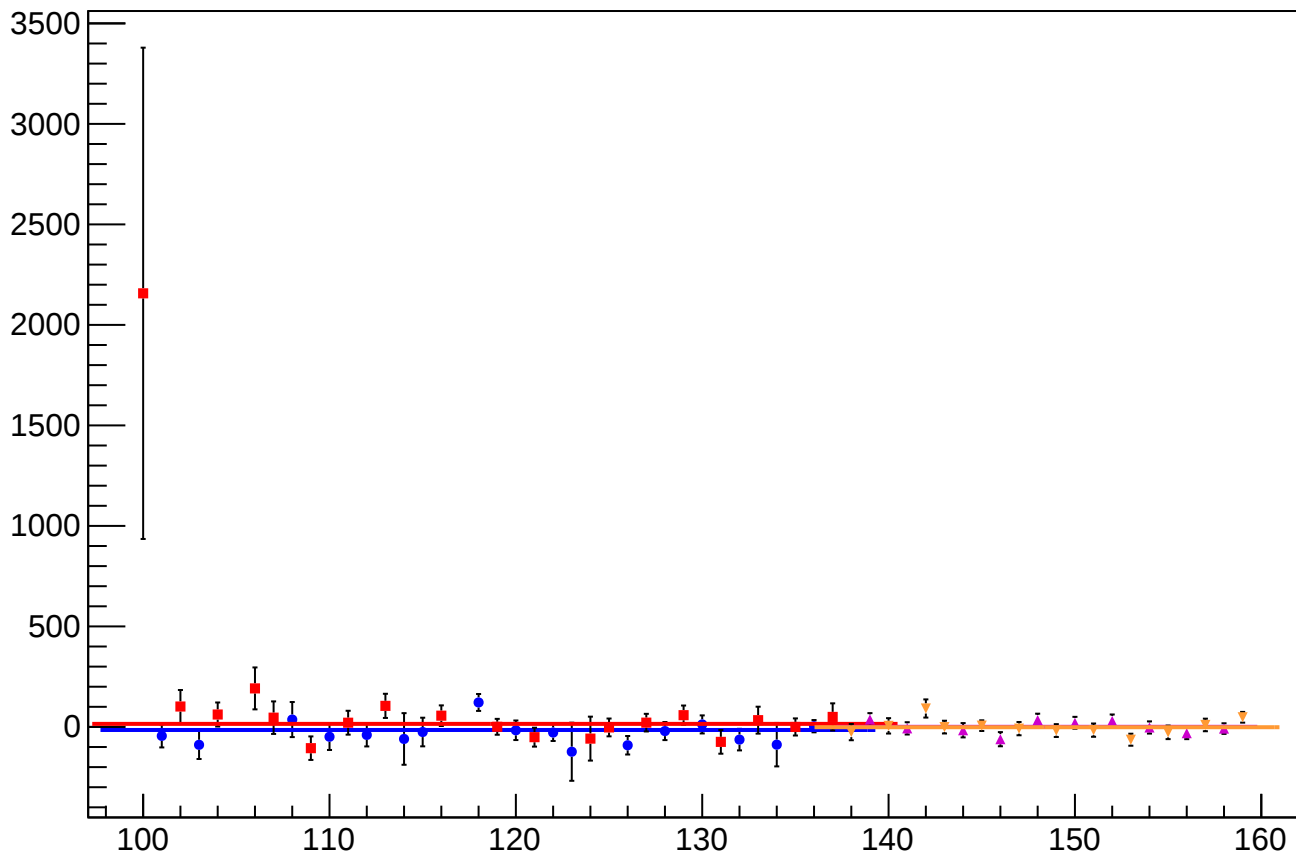
Left In: 760.330+/-0.191 χ^2/NDF : 586416.6/9

+ sign 884.633+/-0.166 χ^2/NDF : 2798484.7/28

All: 886.023+/-0.118 χ^2/NDF : 5862321.0/57

- sign 887.476+/-0.169 χ^2/NDF : 3063692.2/28

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -1.510 ± 9.354 χ^2/NDF : 13.7/11

Right Out: 15.085 ± 13.097 χ^2/NDF : 21.3/18

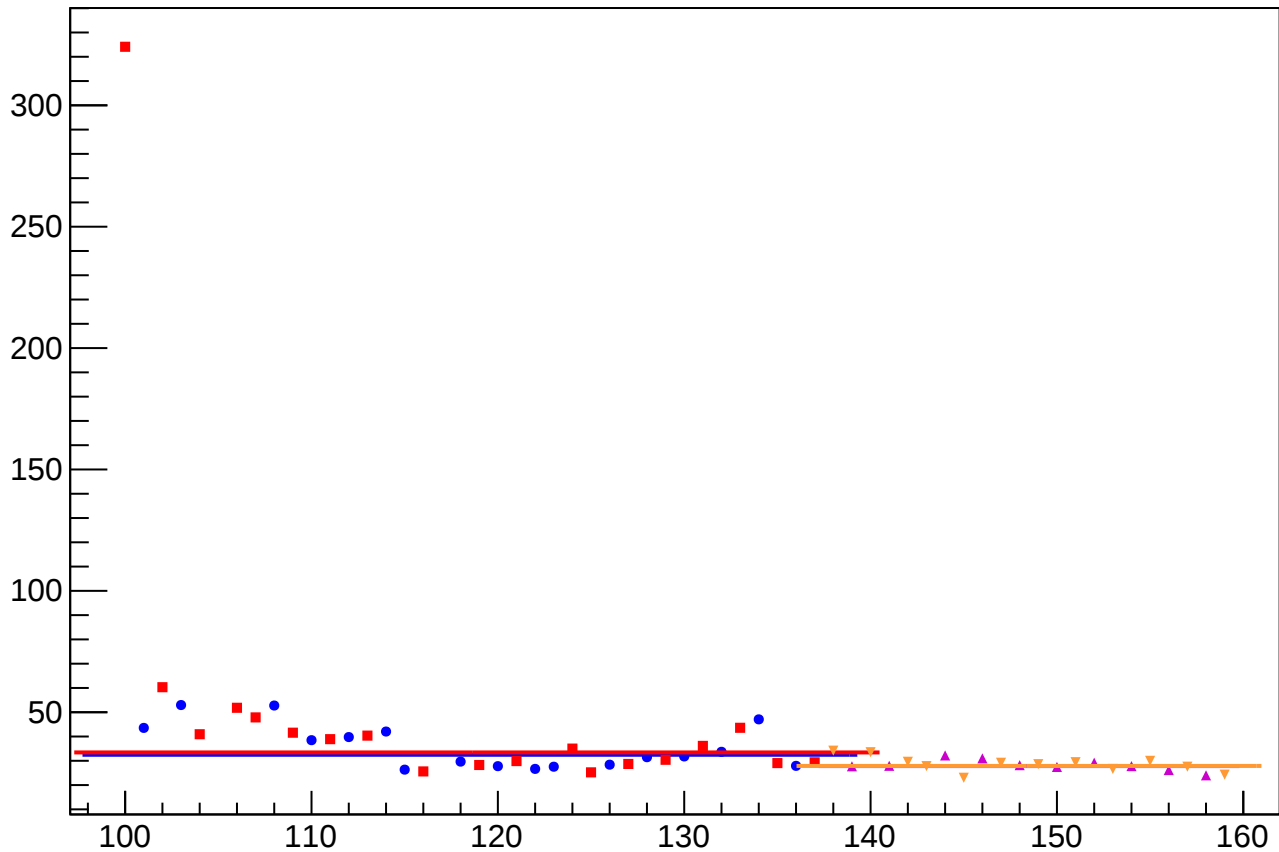
Left In: 0.450 ± 9.780 χ^2/NDF : 8.4/9

+ sign -6.252 ± 7.574 χ^2/NDF : 32.8/28

All: -0.484 ± 5.446 χ^2/NDF : 64.5/57

- sign 5.689 ± 7.836 χ^2/NDF : 30.5/28

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 32.489 $\pm$ 0.009 χ^2/NDF : 594480.9/16

Left Out: 27.880 $\pm$ 0.007 χ^2/NDF : 217718.4/11

Right Out: 33.444 $\pm$ 0.009 χ^2/NDF : 838344.2/18

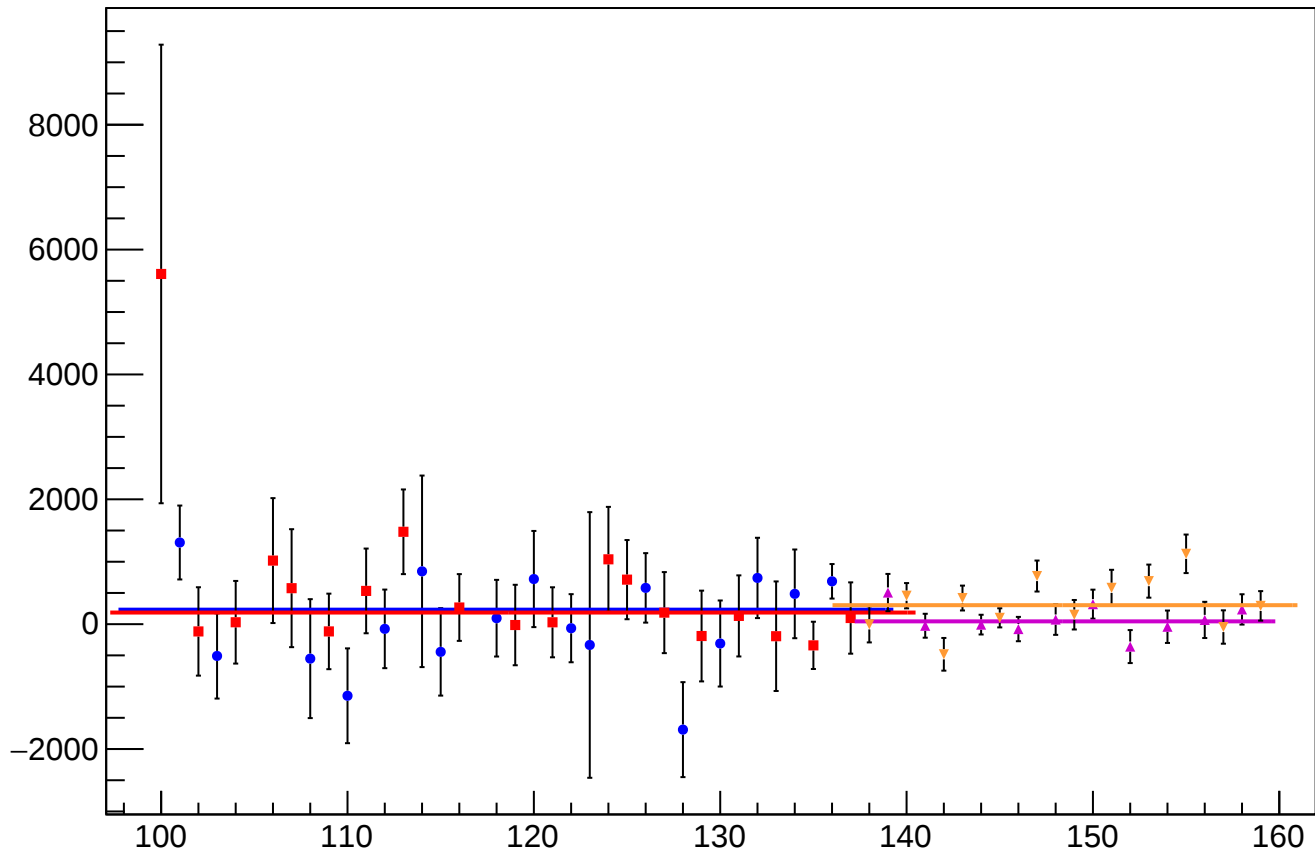
Left In: 27.830 $\pm$ 0.007 χ^2/NDF : 98441.3/9

+ sign 29.467 $\pm$ 0.005 χ^2/NDF : 979415.7/28

All: 29.647 $\pm$ 0.004 χ^2/NDF : 2154493.9/57

- sign 29.840 $\pm$ 0.006 χ^2/NDF : 1172735.0/28

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 232.332 ± 148.607 χ^2/NDF : 21.5/16

Left Out: 304.081 ± 67.198 χ^2/NDF : 28.6/11

Right Out: 186.198 ± 149.878 χ^2/NDF : 11.8/18

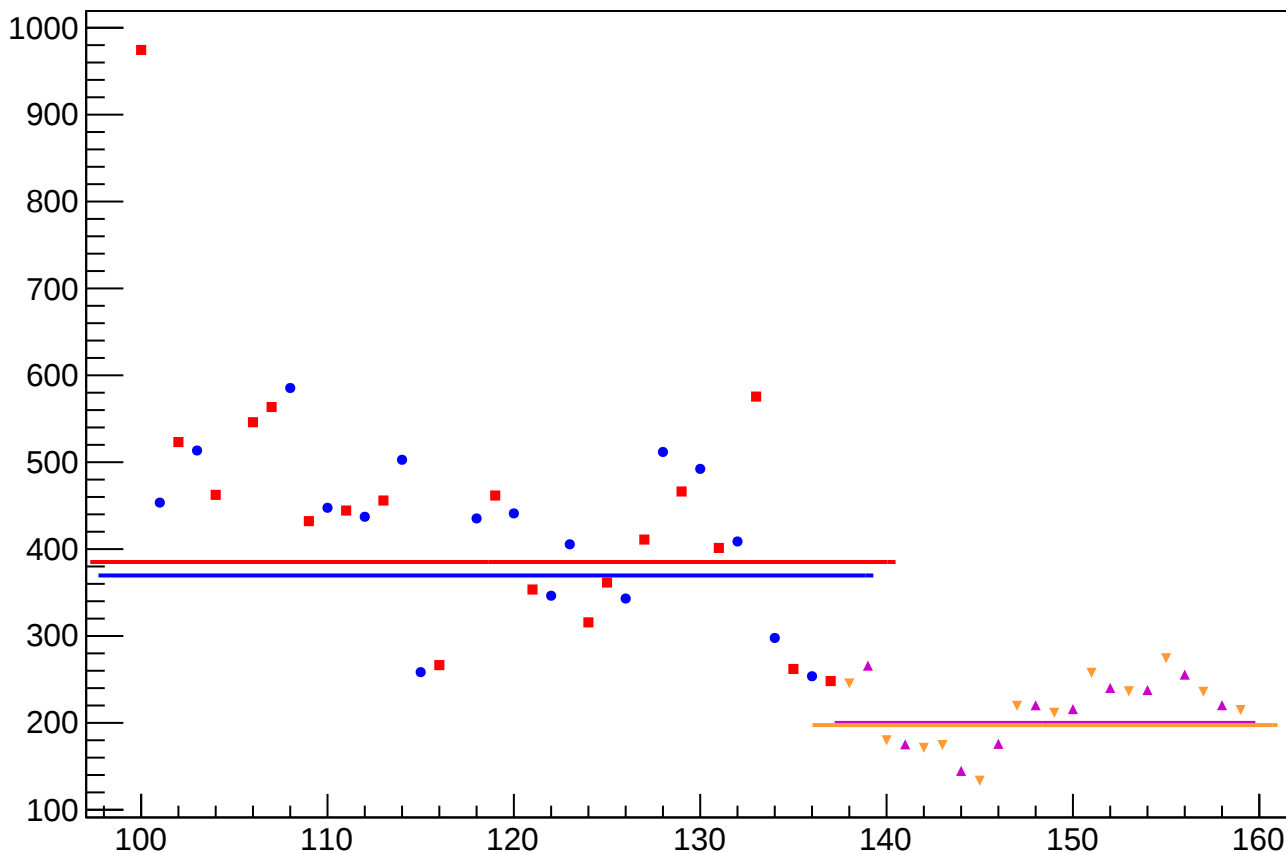
Left In: 44.884 ± 71.056 χ^2/NDF : 7.5/9

+ sign 291.901 ± 61.229 χ^2/NDF : 50.3/28

All: 186.604 ± 44.310 χ^2/NDF : 76.5/57

- sign 70.817 ± 64.206 χ^2/NDF : 20.0/28

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 197.463 $\pm$ 0.048 χ^2 /NDF: 794310.0/11

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

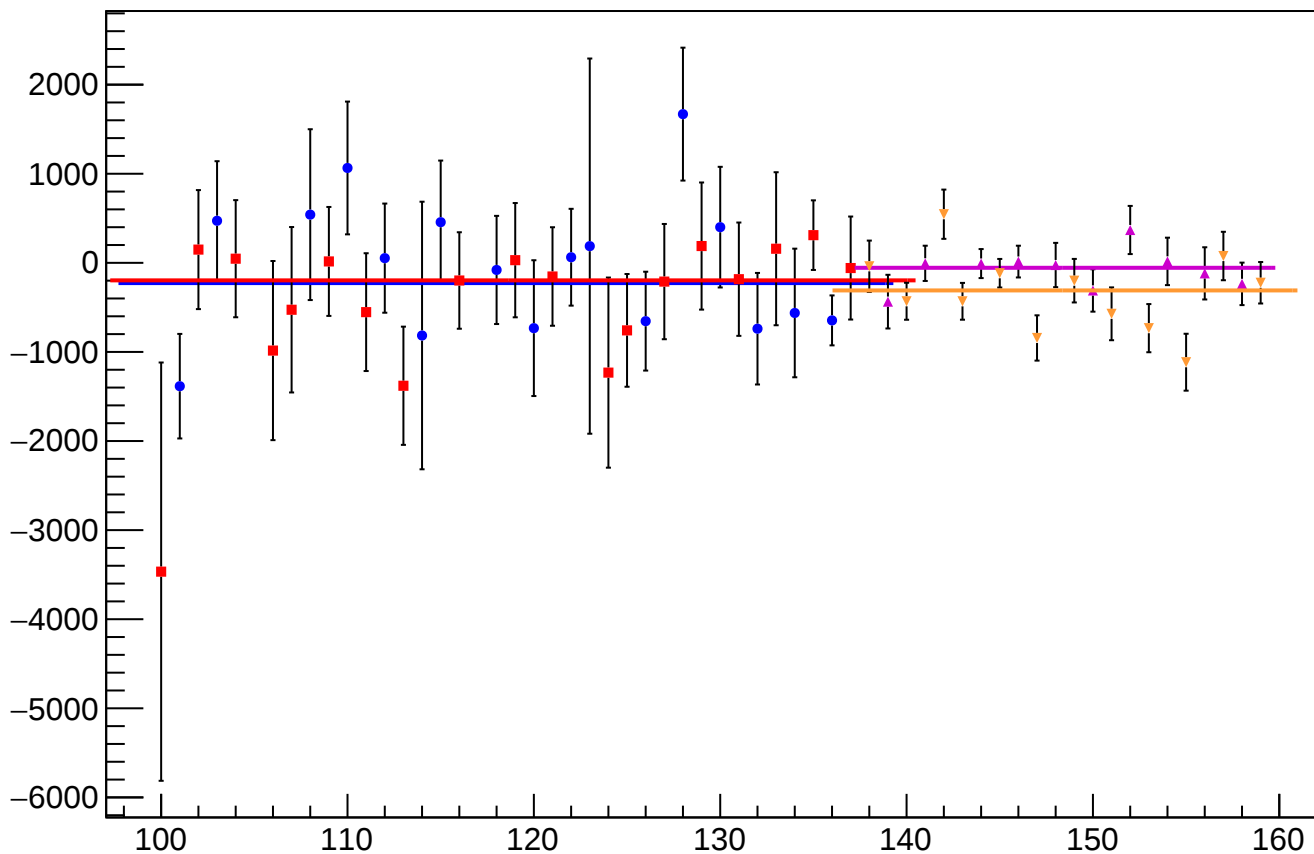
Left In: 199.974 $\pm$ 0.050 χ^2 /NDF: 605370.2/9

+ sign 226.693 $\pm$ 0.043 χ^2 /NDF: 3926310.9/28

All: 230.153 $\pm$ 0.031 χ^2 /NDF: 7964483.9/57

- sign 233.957 $\pm$ 0.045 χ^2 /NDF: 4024764.9/28

asym_sam_1357_2468_dd_mean vs Slug



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -309.711 ± 69.046 χ^2/NDF : 29.0/11

Right Out: -196.753 ± 150.178 χ^2/NDF : 10.7/18

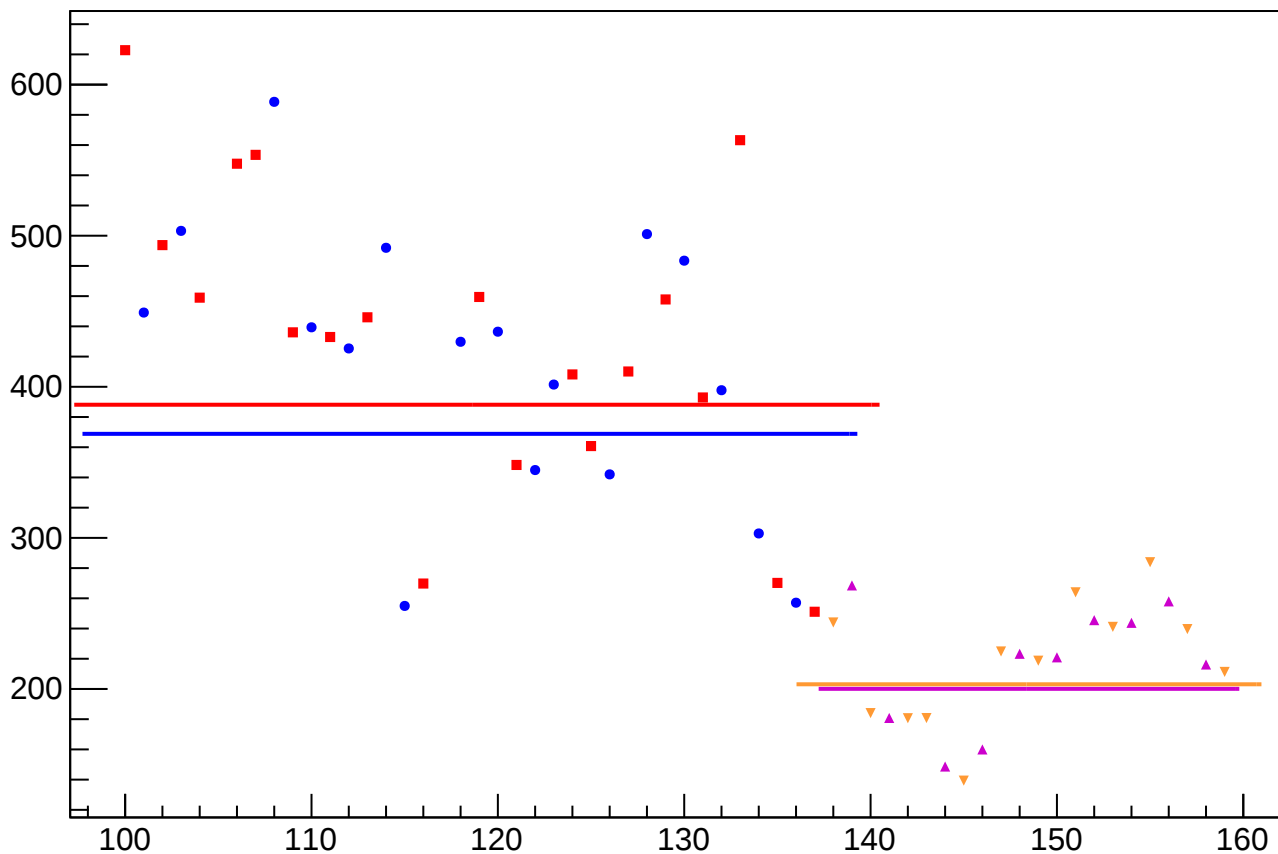
Left In: -55.675 ± 71.307 χ^2/NDF : 6.2/9

+ sign -294.964 ± 62.566 χ^2/NDF : 51.1/28

All: -191.403 ± 44.880 χ^2/NDF : 74.4/57

- sign -81.630 ± 64.415 χ^2/NDF : 17.7/28

asym_sam_1357_2468_dd_rms vs Slug



Right In: 368.864 ± 0.105 χ^2/NDF : 829732.0/16

Left Out: 203.102 ± 0.049 χ^2/NDF : 723260.1/11

Right Out: 388.129 ± 0.106 χ^2/NDF : 778176.0/18

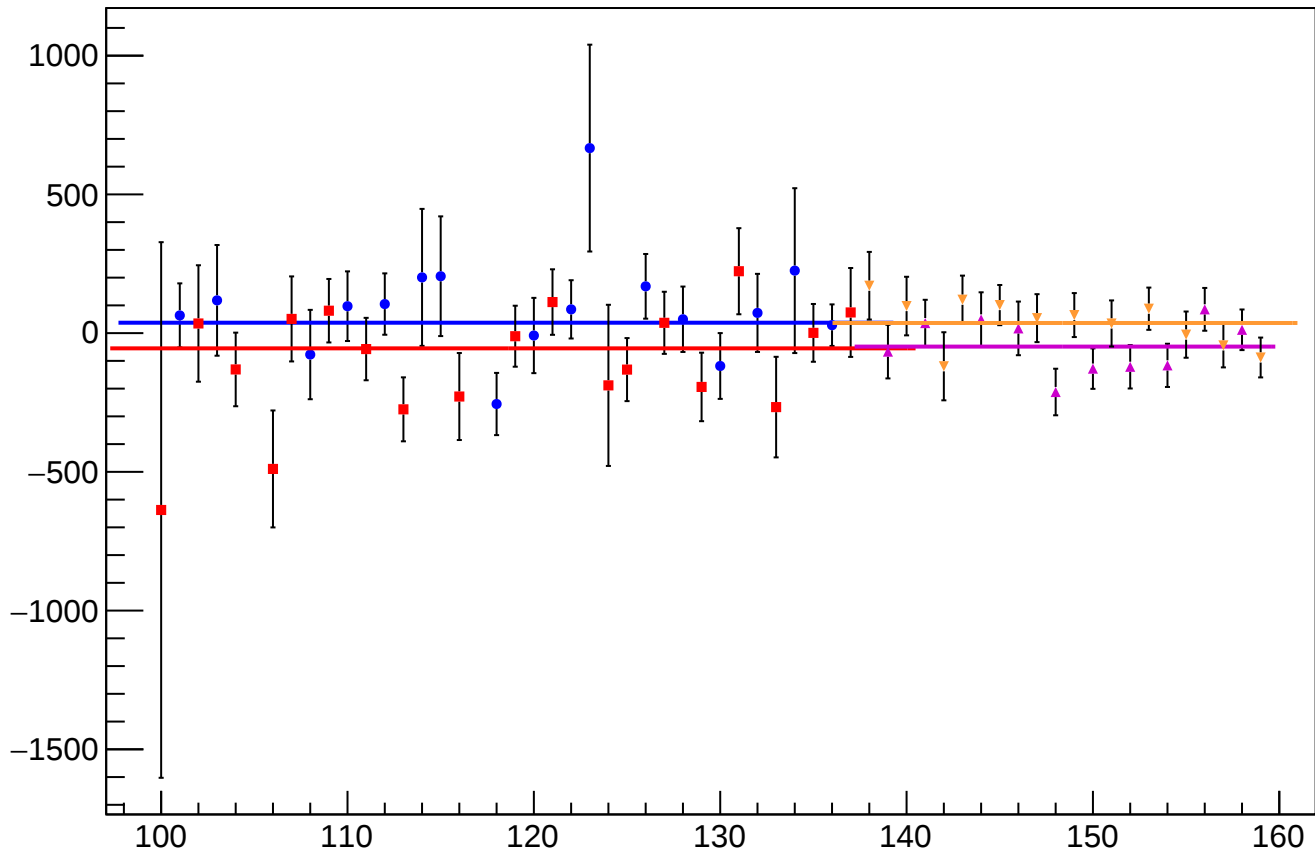
Left In: 200.093 ± 0.050 χ^2/NDF : 653394.6/9

+ sign 232.756 ± 0.044 χ^2/NDF : 3615158.1/28

All: 233.694 ± 0.032 χ^2/NDF : 7606259.7/57

- sign 234.687 ± 0.046 χ^2/NDF : 3990177.3/28

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 36.581 $\pm$ 24.587 χ^2 /NDF: 9.8/11

Right Out: -54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

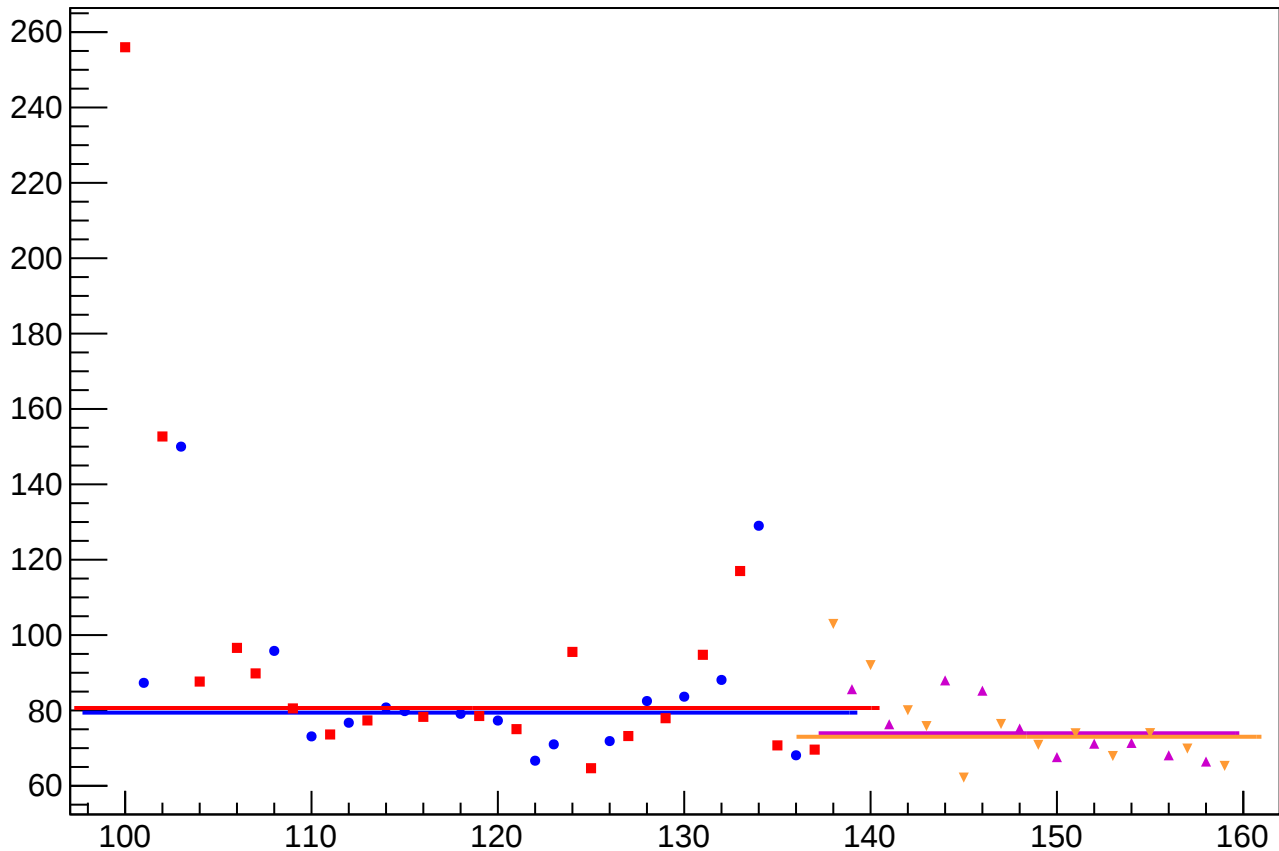
Left In: -48.532 $\pm$ 26.047 χ^2 /NDF: 12.8/9

+ sign 36.943 $\pm$ 19.372 χ^2 /NDF: 25.7/28

All: -5.539 $\pm$ 13.937 χ^2 /NDF: 70.7/57

- sign -51.118 $\pm$ 20.066 χ^2 /NDF: 35.0/28

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 73.017 $\pm$ 0.017 χ^2 /NDF: 279328.7/11

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

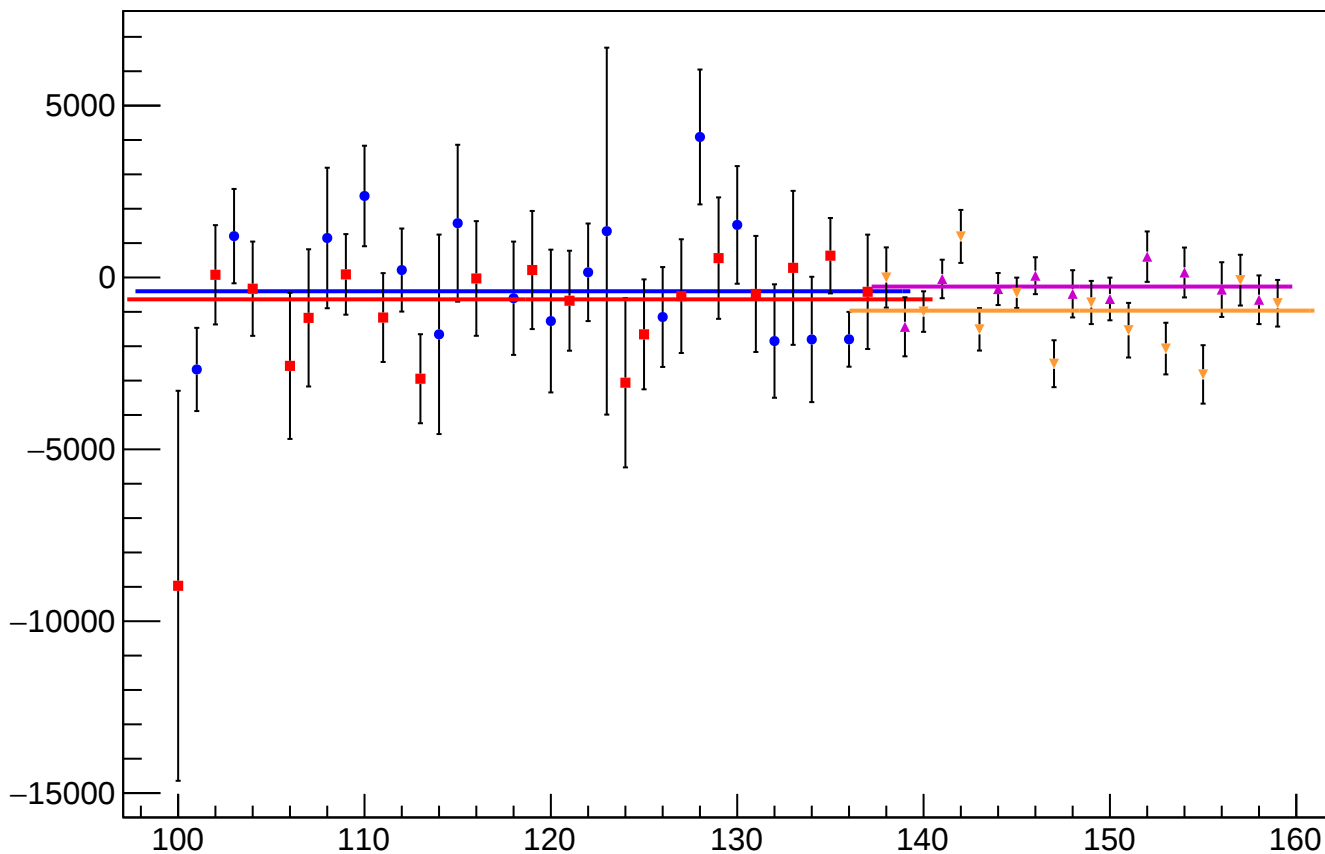
Left In: 73.945 $\pm$ 0.018 χ^2 /NDF: 152148.1/9

+ sign 75.445 $\pm$ 0.014 χ^2 /NDF: 769827.8/28

All: 76.037 $\pm$ 0.010 χ^2 /NDF: 1500187.6/57

- sign 76.671 $\pm$ 0.014 χ^2 /NDF: 726496.4/28

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -964.509+/-192.310 χ^2/NDF : 25.5/11

Right Out: -636.133+/-362.923 χ^2/NDF : 10.8/18

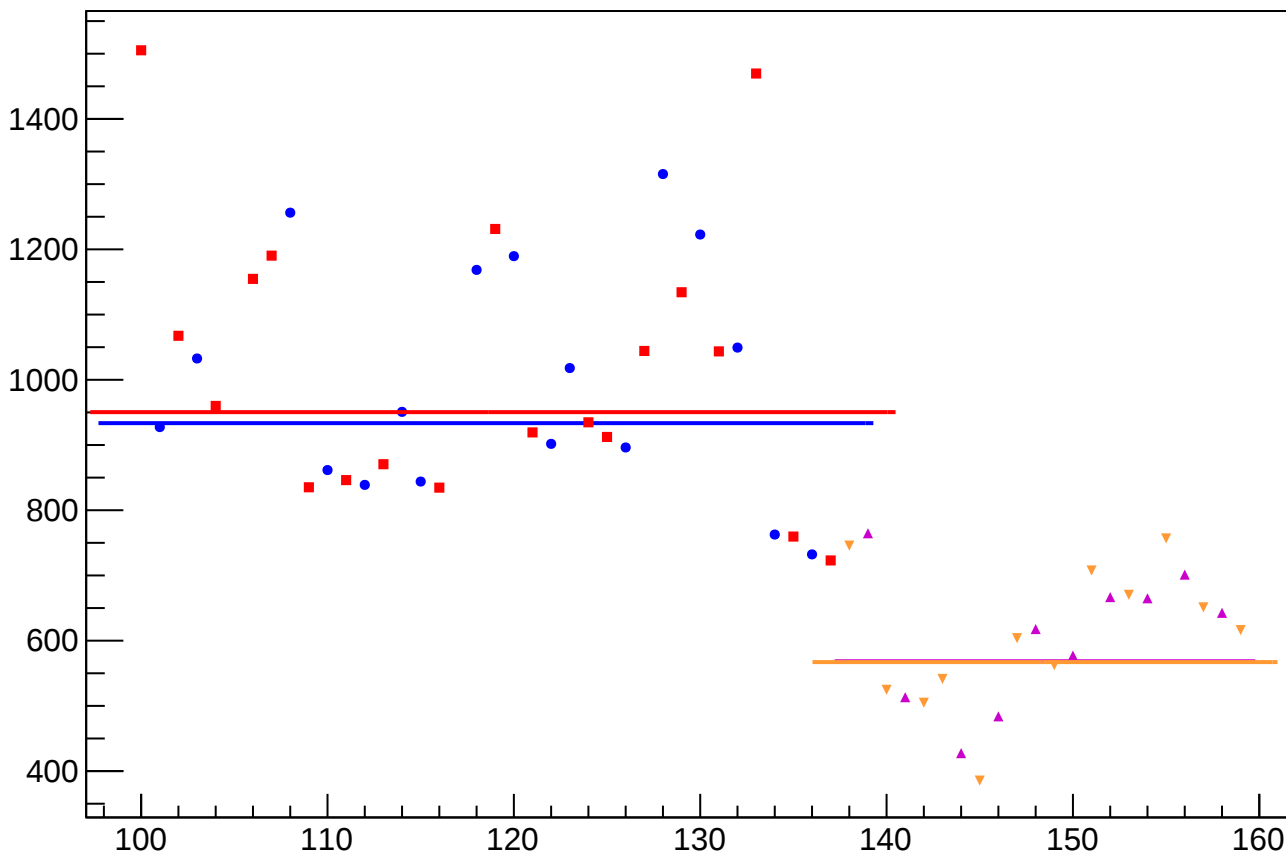
Left In: -264.580+/-201.392 χ^2/NDF : 4.8/9

+ sign -843.888+/-170.488 χ^2/NDF : 49.2/28

All: -605.929+/-122.488 χ^2/NDF : 69.7/57

- sign -352.056+/-176.096 χ^2/NDF : 16.5/28

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 567.166+/-0.136 χ^2/NDF : 690569.6/11

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

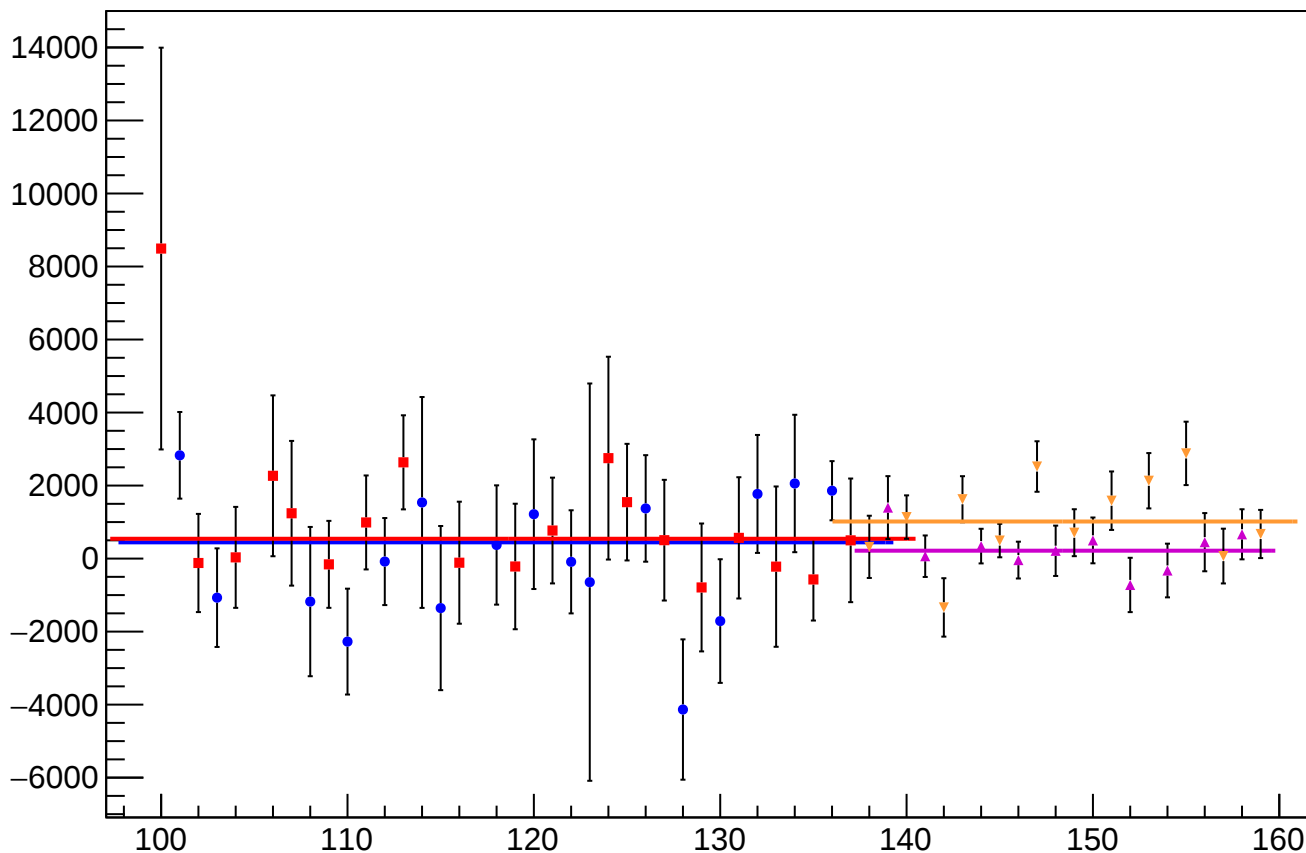
Left In: 568.444+/-0.142 χ^2/NDF : 515847.5/9

+ sign 645.594+/-0.121 χ^2/NDF : 2686749.8/28

All: 651.777+/-0.087 χ^2/NDF : 5326213.2/57

- sign 658.373+/-0.125 χ^2/NDF : 2634027.3/28

asym_sam_12345678_avg_mean vs Slug



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 1015.846 $\pm$ 195.207 χ^2 /NDF:25.7/11

Right Out: 543.026 $\pm$ 363.317 χ^2 /NDF: 9.4/18

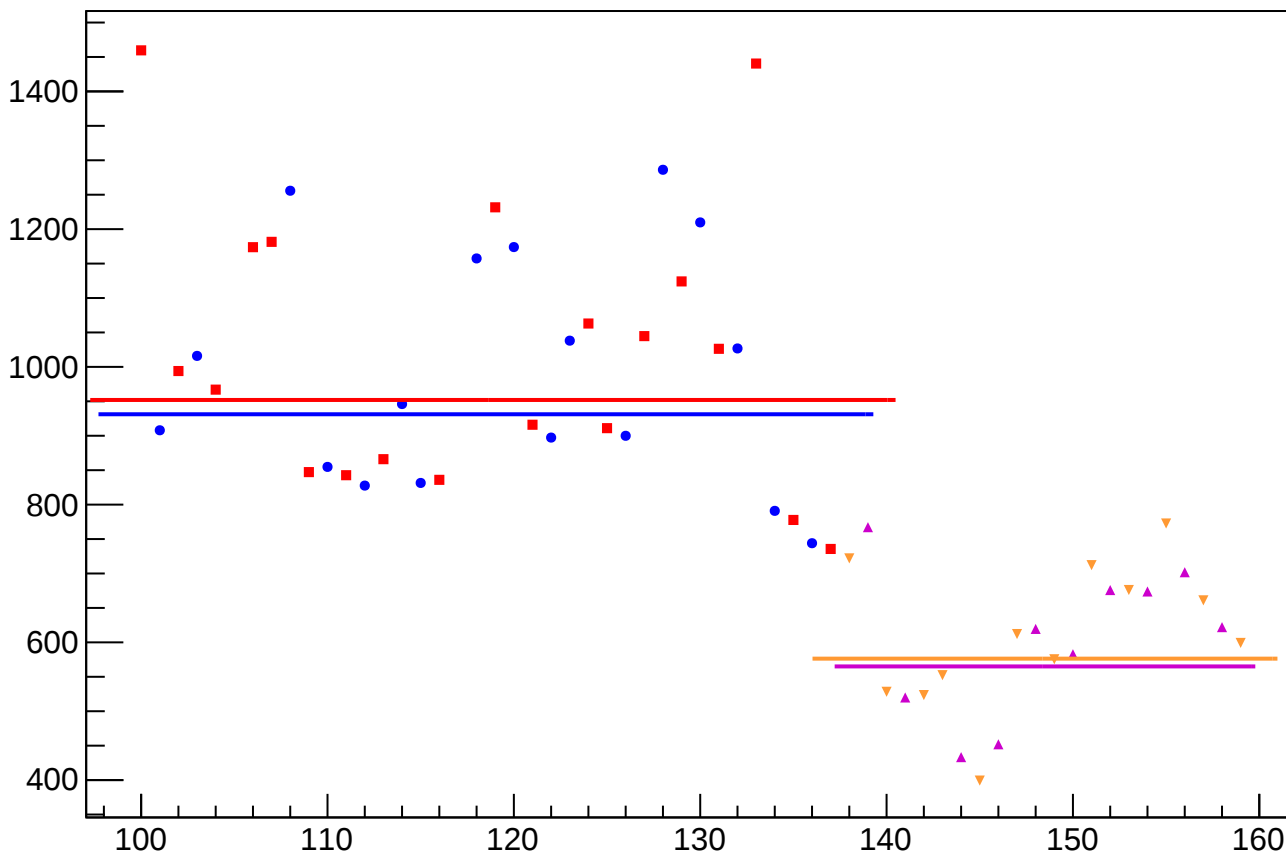
Left In: 216.217 $\pm$ 200.712 χ^2 /NDF:5.1/9

+ sign 889.939 $\pm$ 172.354 χ^2 /NDF: 50.5/28

All: 597.003 $\pm$ 123.034 χ^2 /NDF: 71.5/57

- sign 292.635 $\pm$ 175.686 χ^2 /NDF: 15.1/28

asym_sam_12345678_avg_rms vs Slug



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 576.348+/-0.138 χ^2/NDF : 608844.6/11

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

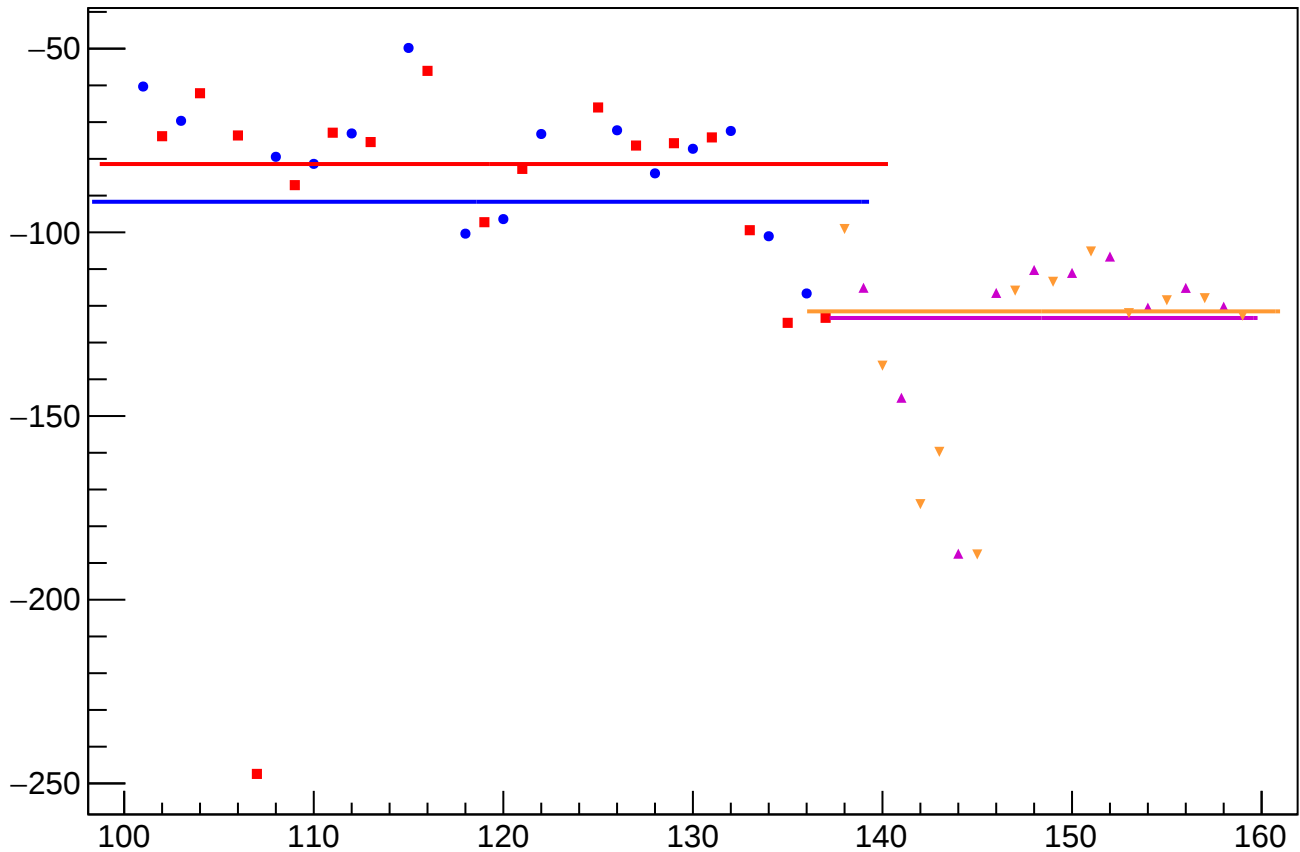
Left In: 565.054+/-0.142 χ^2/NDF : 552572.5/9

+ sign 654.570+/-0.122 χ^2/NDF : 2465944.3/28

All: 655.038+/-0.087 χ^2/NDF : 5139002.4/57

- sign 655.525+/-0.124 χ^2/NDF : 2673028.0/28

dit_usl_4aX_slope vs Slug



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -121.510 ± 0.084 χ^2/NDF : 21814.0/11

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

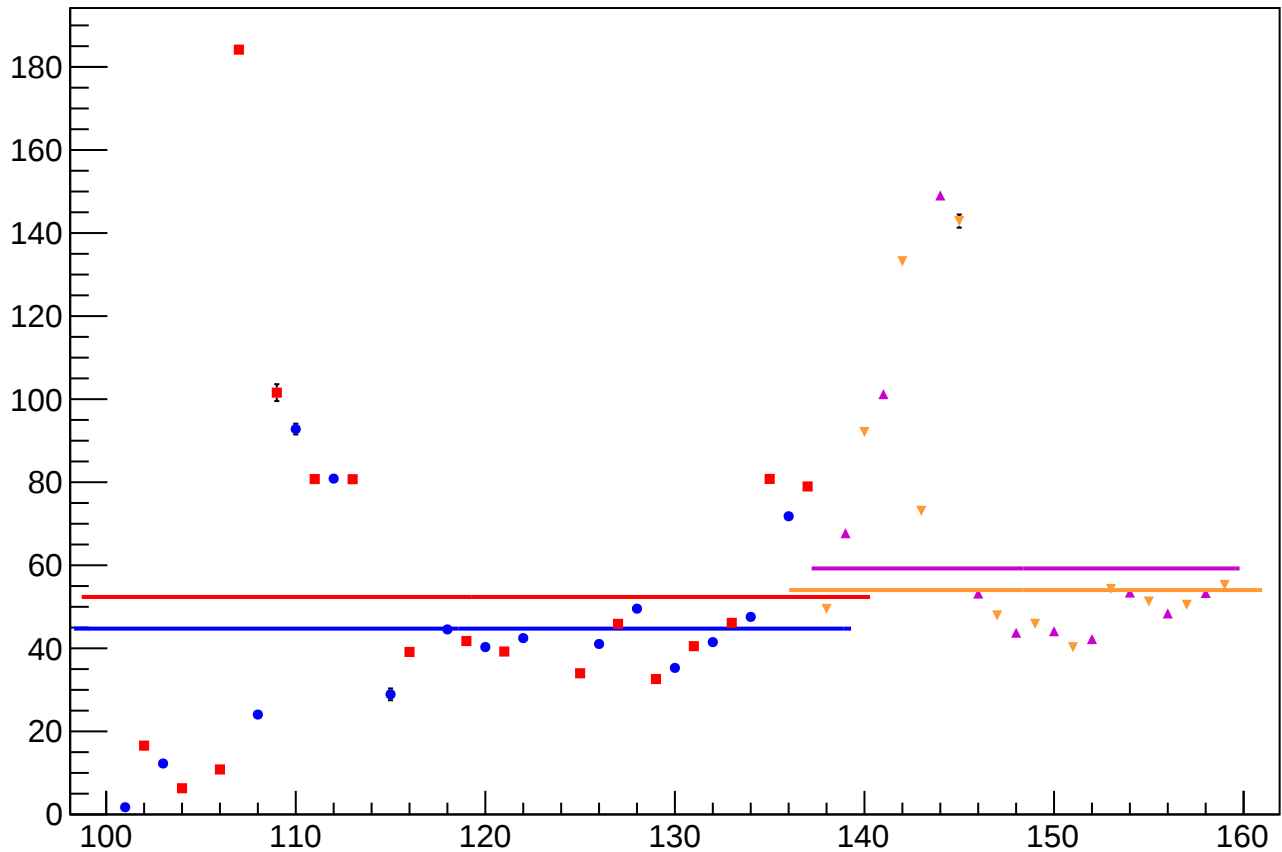
Left In: -123.313 ± 0.085 χ^2/NDF : 41703.5/9

+ sign -103.851 ± 0.054 χ^2/NDF : 160254.5/26

All: -104.492 ± 0.041 χ^2/NDF : 347733.1/53

- sign -105.404 ± 0.064 χ^2/NDF : 187136.7/26

dit_usl_4eX_slope vs Slug



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 54.030 $\pm$ 0.069 χ^2 /NDF:41535.2/11

Right Out: 52.367 $\pm$ 0.113 χ^2 /NDF: 69285.2/16

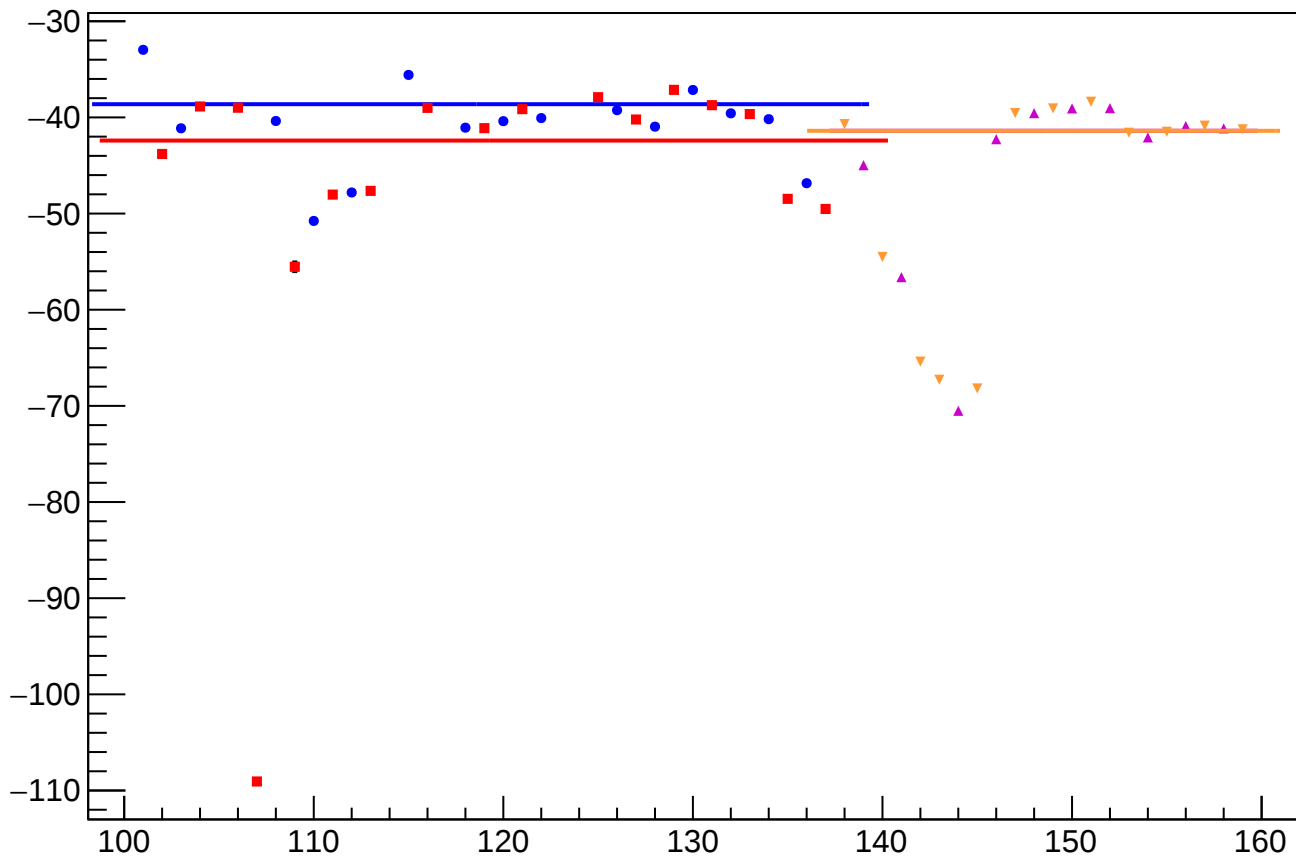
Left In: 59.238 $\pm$ 0.074 χ^2 /NDF:104792.3/9

+ sign 48.797 $\pm$ 0.045 χ^2 /NDF: 136488.6/26

All: 51.742 $\pm$ 0.037 χ^2 /NDF: 325096.8/53

- sign 57.171 $\pm$ 0.062 χ^2 /NDF: 176682.5/26

dit_usl_11X12X_slope vs Slug



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -41.394+/-0.009 χ^2/NDF : 185303.1/11

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

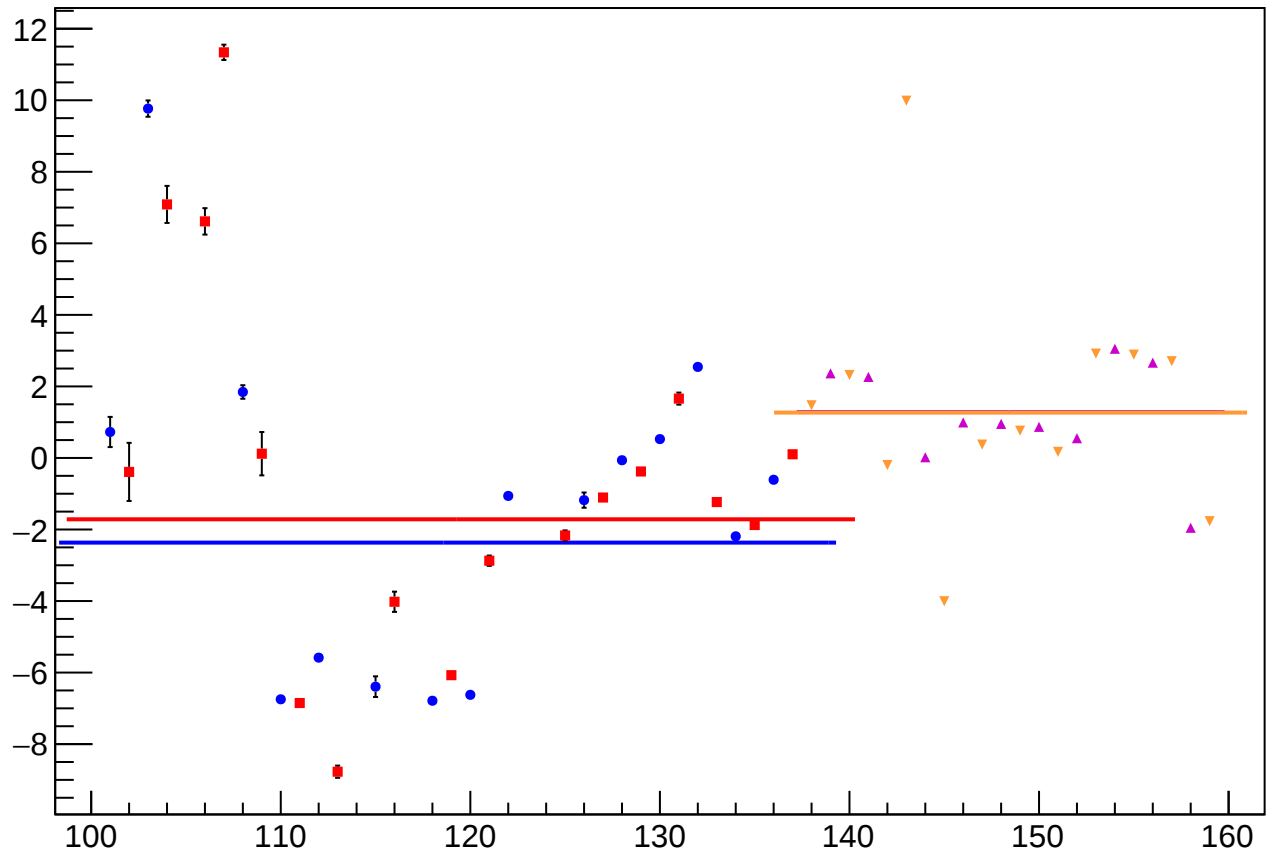
Left In: -41.390+/-0.011 χ^2/NDF : 142428.4/9

+ sign -39.838+/-0.006 χ^2/NDF : 474534.4/26

All: -40.340+/-0.005 χ^2/NDF : 910997.0/53

- sign -41.608+/-0.010 χ^2/NDF : 413358.3/26

dit_usl_4aY_slope vs Slug



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 1.268 ± 0.010 $\chi^2/\text{NDF}: 38570.5/11$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

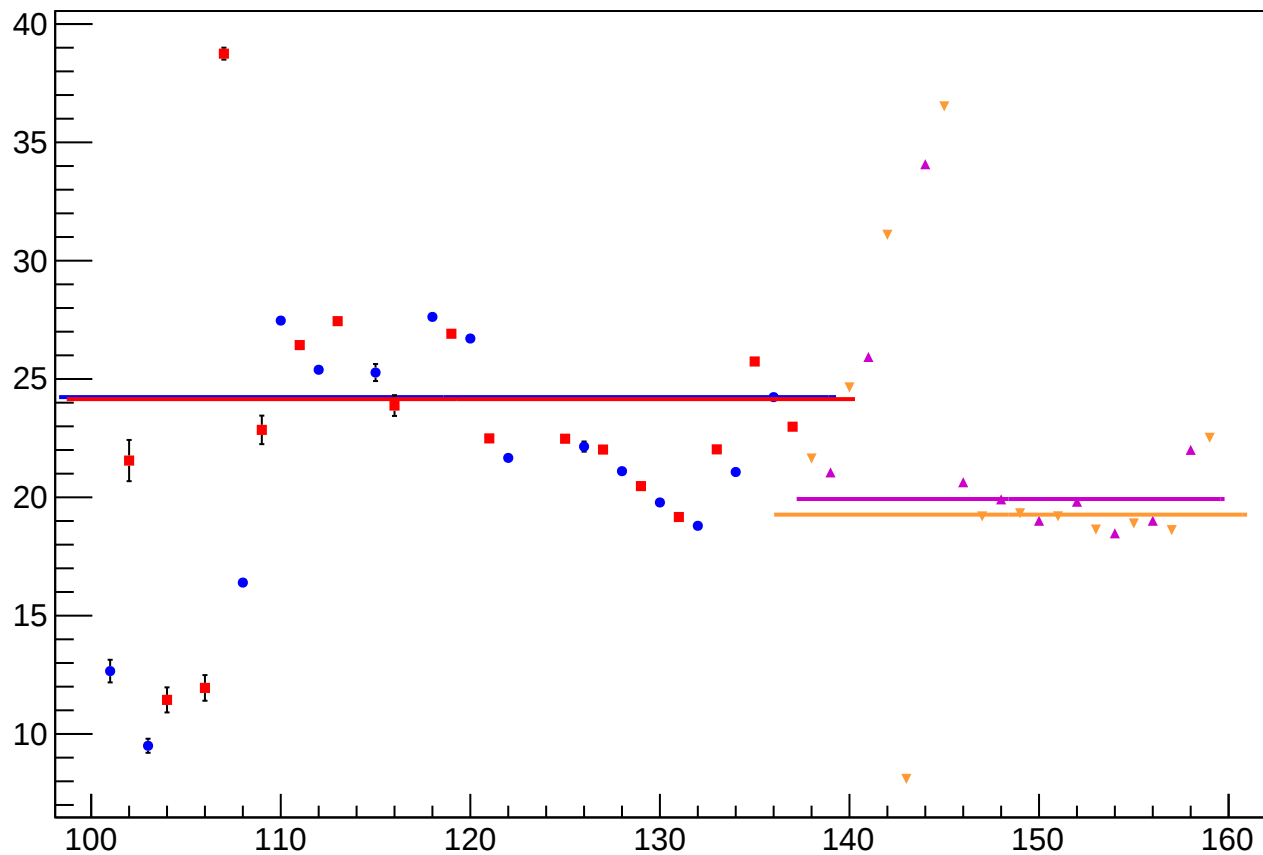
Left In: 1.284 ± 0.010 $\chi^2/\text{NDF}: 23953.0/9$

+ sign 0.030 ± 0.008 $\chi^2/\text{NDF}: 111350.5/26$

All: 0.449 ± 0.006 $\chi^2/\text{NDF}: 164722.1/53$

- sign 0.951 ± 0.009 $\chi^2/\text{NDF}: 47646.5/26$

dit_usl_4eY_slope vs Slug



Right In: 24.235 ± 0.022 χ^2/NDF : 21896.9/14

Left Out: 19.269 ± 0.010 χ^2/NDF : 48070.0/11

Right Out: 24.150 ± 0.024 χ^2/NDF : 13222.6/16

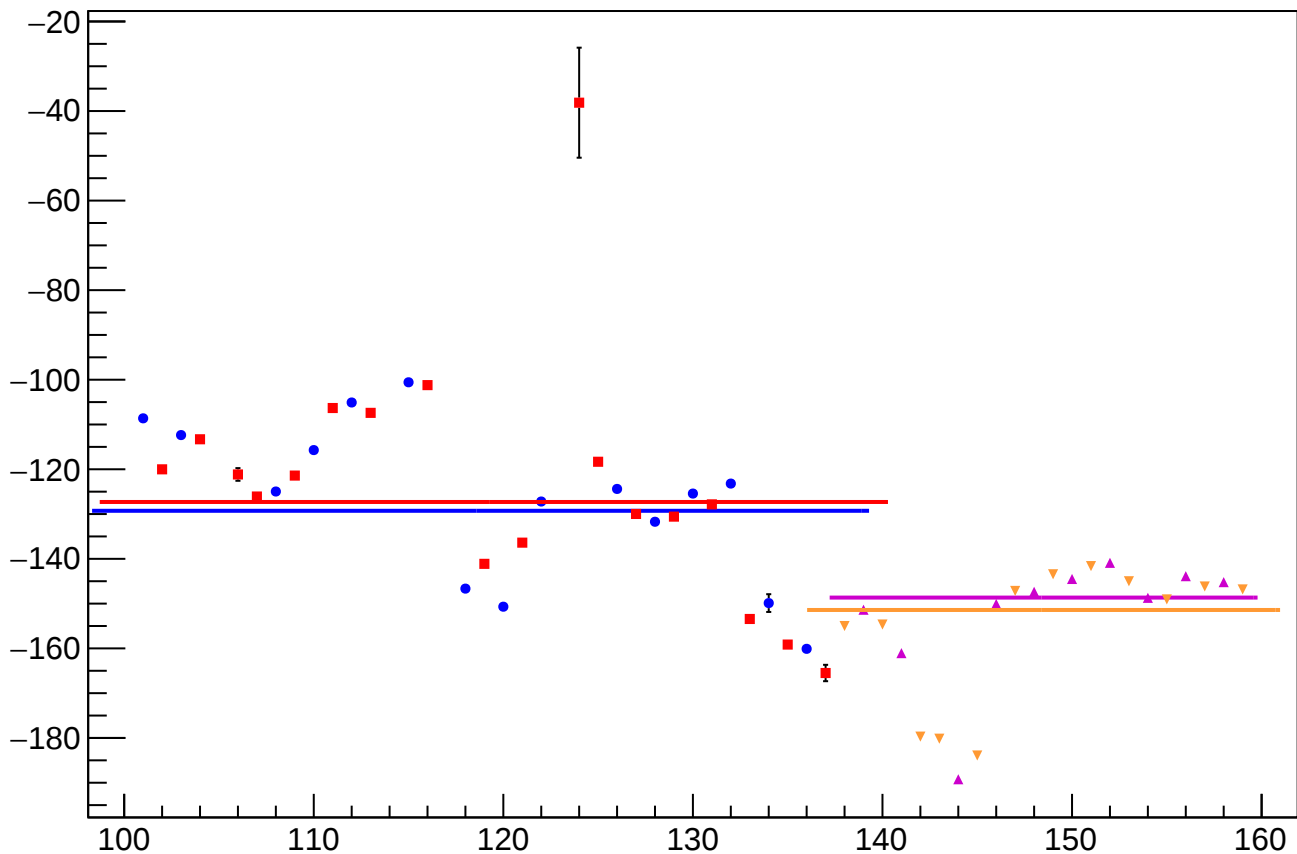
Left In: 19.929 ± 0.009 χ^2/NDF : 51604.8/9

+ sign 20.152 ± 0.009 χ^2/NDF : 111771.3/26

All: 20.320 ± 0.006 χ^2/NDF : 203383.7/53

- sign 20.467 ± 0.009 χ^2/NDF : 91001.5/26

dit_usr_4aX_slope vs Slug



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -151.422 ± 0.073 χ^2/NDF : 25393.4/11

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

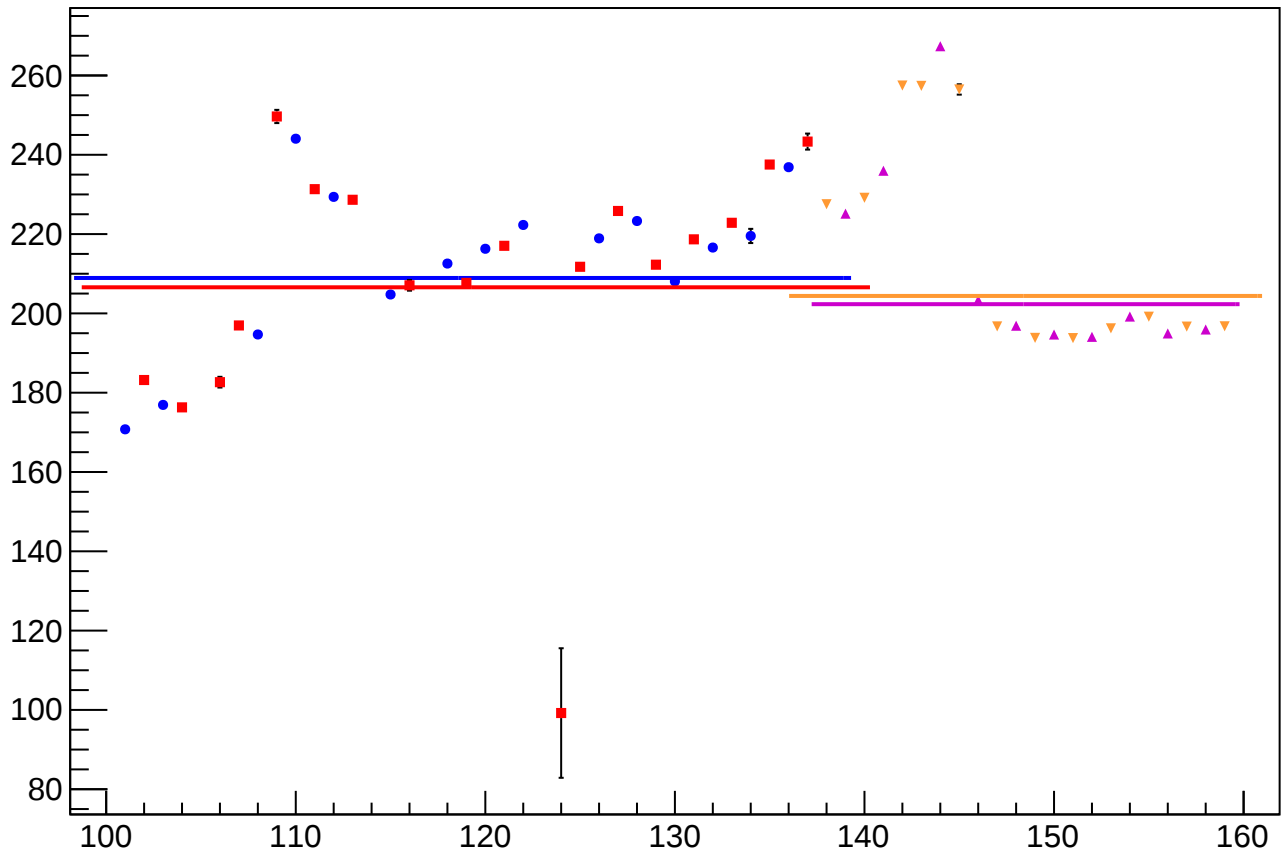
Left In: -148.655 ± 0.065 χ^2/NDF : 20819.8/9

+ sign -142.329 ± 0.056 χ^2/NDF : 98041.2/26

All: -141.460 ± 0.038 χ^2/NDF : 189237.1/54

- sign -140.734 ± 0.051 χ^2/NDF : 90757.3/27

dit_usr_4eX_slope vs Slug



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 204.401 $\pm$ 0.060 χ^2 /NDF: 99152.0/11

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

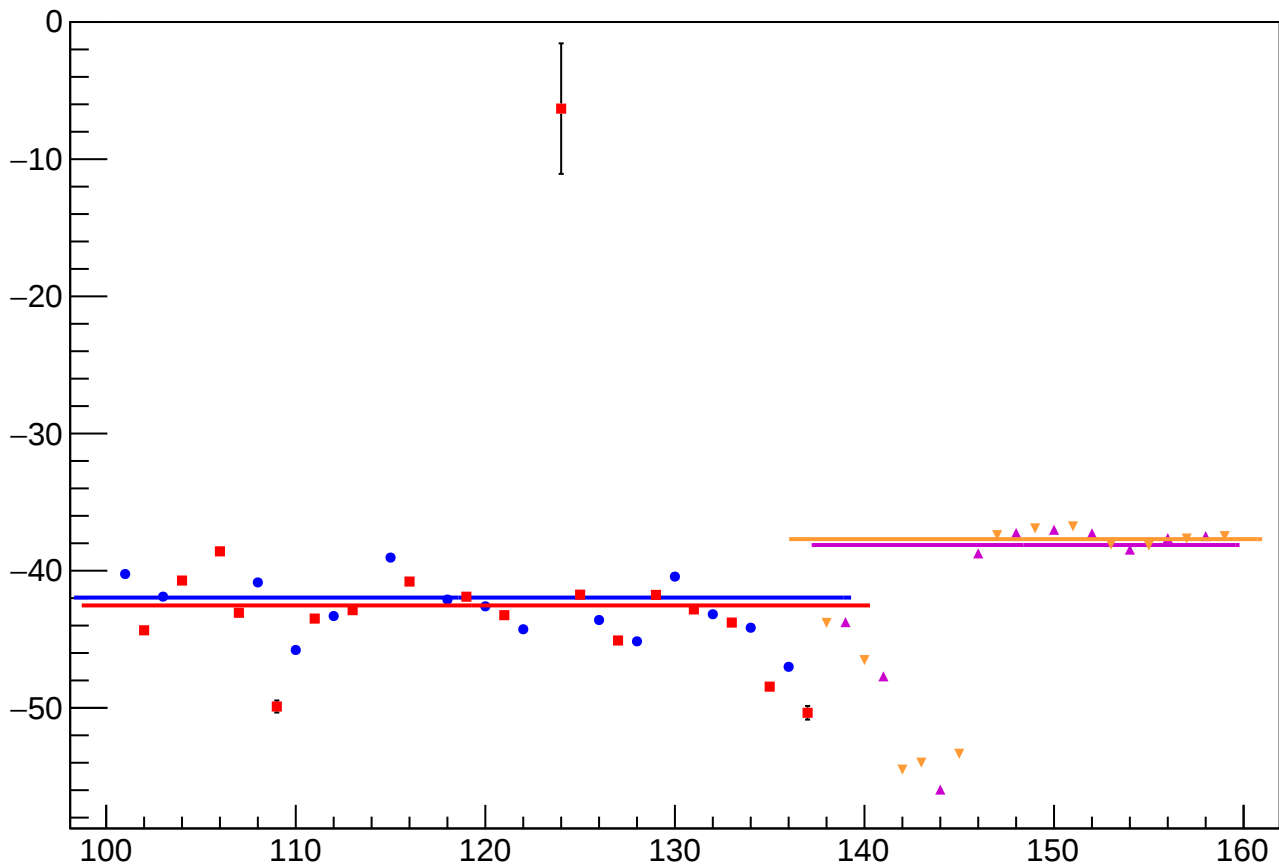
Left In: 202.324 $\pm$ 0.056 χ^2 /NDF: 74378.8/9

+ sign 205.813 $\pm$ 0.050 χ^2 /NDF: 145614.3/26

All: 204.664 $\pm$ 0.034 χ^2 /NDF: 271000.0/54

- sign 203.659 $\pm$ 0.047 χ^2 /NDF: 124387.4/27

dit_usr_11X12X_slope vs Slug



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.698 ± 0.005 χ^2/NDF : 214731.8/11

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

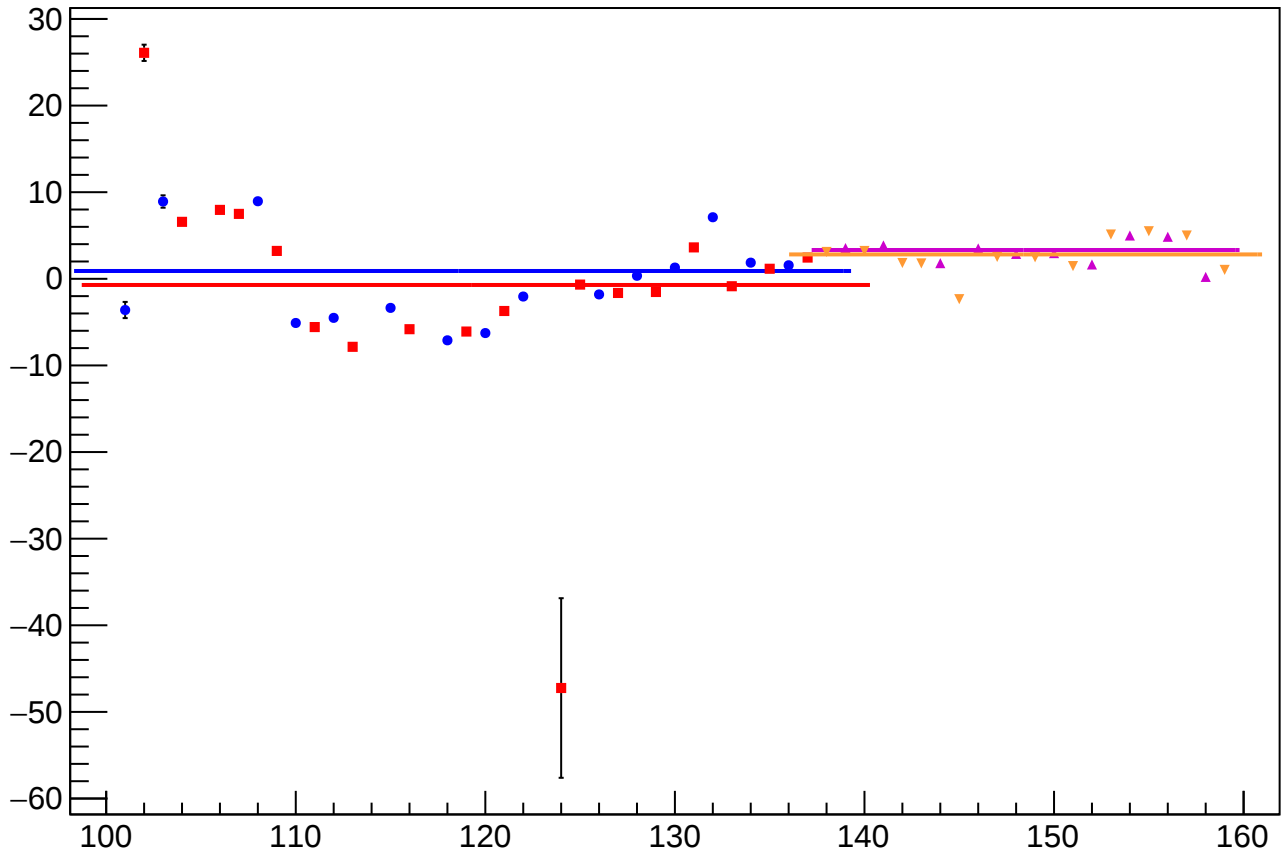
Left In: -38.128 ± 0.006 χ^2/NDF : 128817.2/9

+ sign -38.119 ± 0.005 χ^2/NDF : 306146.8/26

All: -38.261 ± 0.004 χ^2/NDF : 485246.2/54

- sign -38.438 ± 0.005 χ^2/NDF : 177214.9/27

dit_usr_4aY_slope vs Slug



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 2.816 ± 0.009 χ^2/NDF : 35451.6/11

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

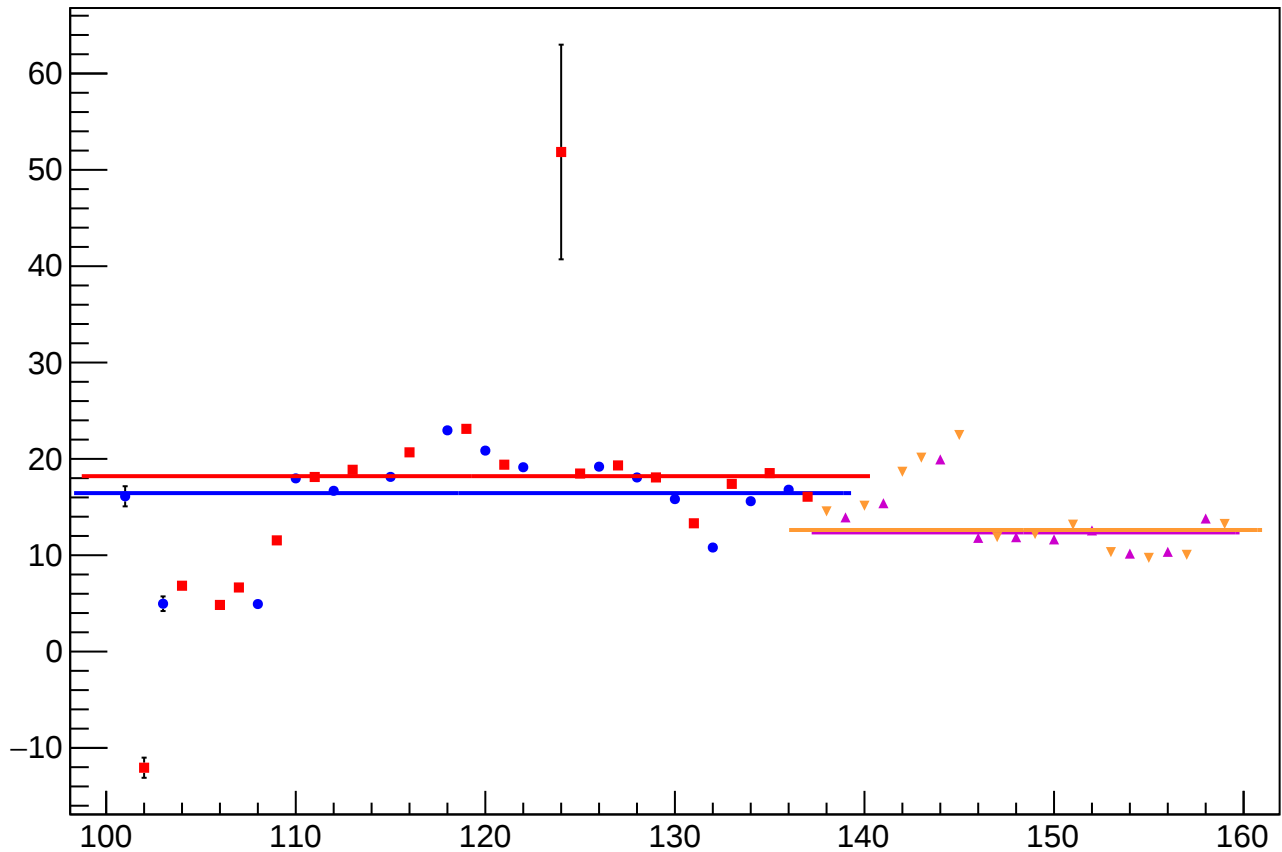
Left In: 3.327 ± 0.009 χ^2/NDF : 30940.2/9

+ sign 2.473 ± 0.008 χ^2/NDF : 64064.6/26

All: 2.643 ± 0.006 χ^2/NDF : 150685.0/54

- sign 2.819 ± 0.009 χ^2/NDF : 85801.3/27

dit_usr_4eY_slope vs Slug



Right In: 16.447 ± 0.024 χ^2/NDF : 14183.1/14

Left Out: 12.619 ± 0.011 χ^2/NDF : 57954.8/11

Right Out: 18.207 ± 0.020 χ^2/NDF : 27493.7/17

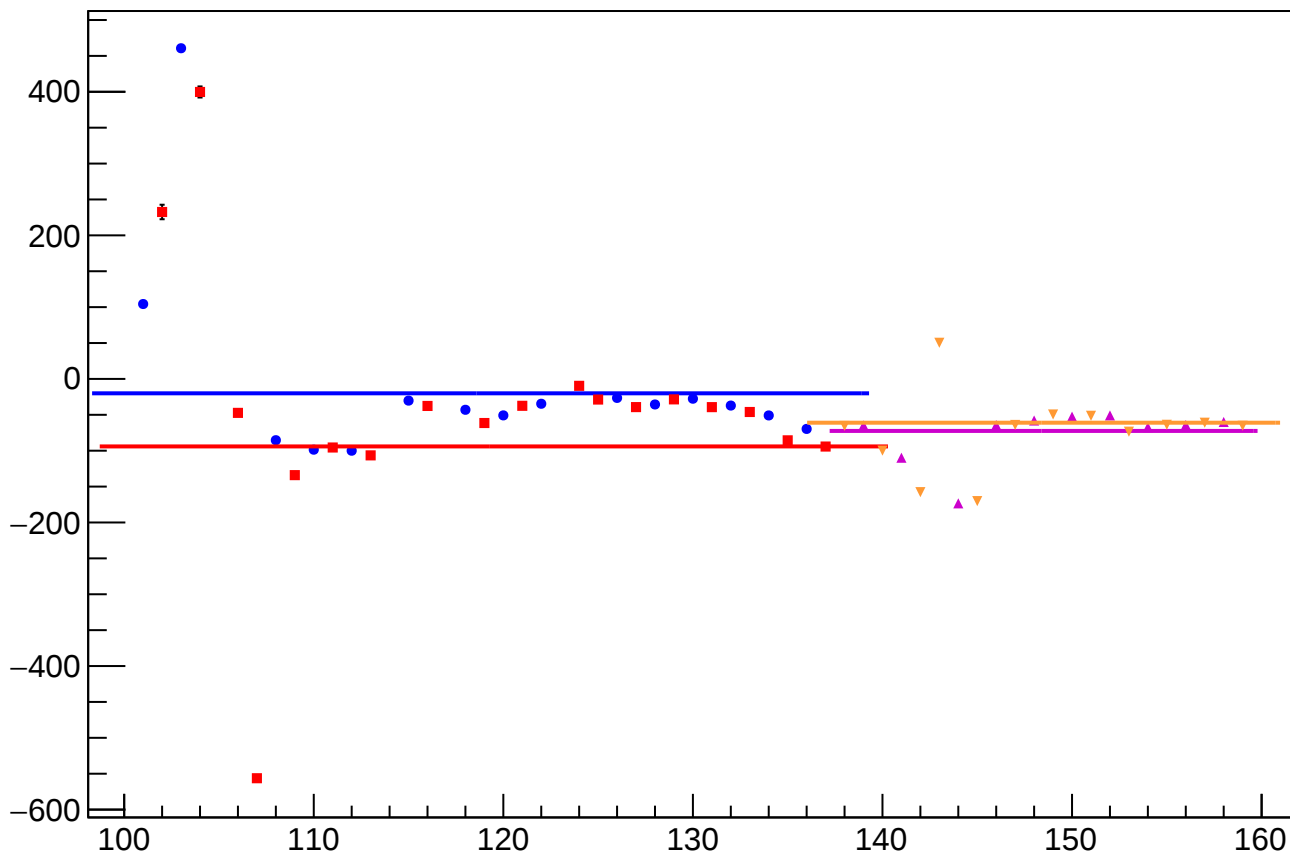
Left In: 12.366 ± 0.011 χ^2/NDF : 24636.5/9

+ sign 13.253 ± 0.010 χ^2/NDF : 92665.7/26

All: 13.497 ± 0.007 χ^2/NDF : 208501.4/54

- sign 13.740 ± 0.010 χ^2/NDF : 114631.6/27

dit_atl1_4aX_slope vs Slug



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -60.996 ± 0.133 $\chi^2/\text{NDF}: 45117.9/11$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

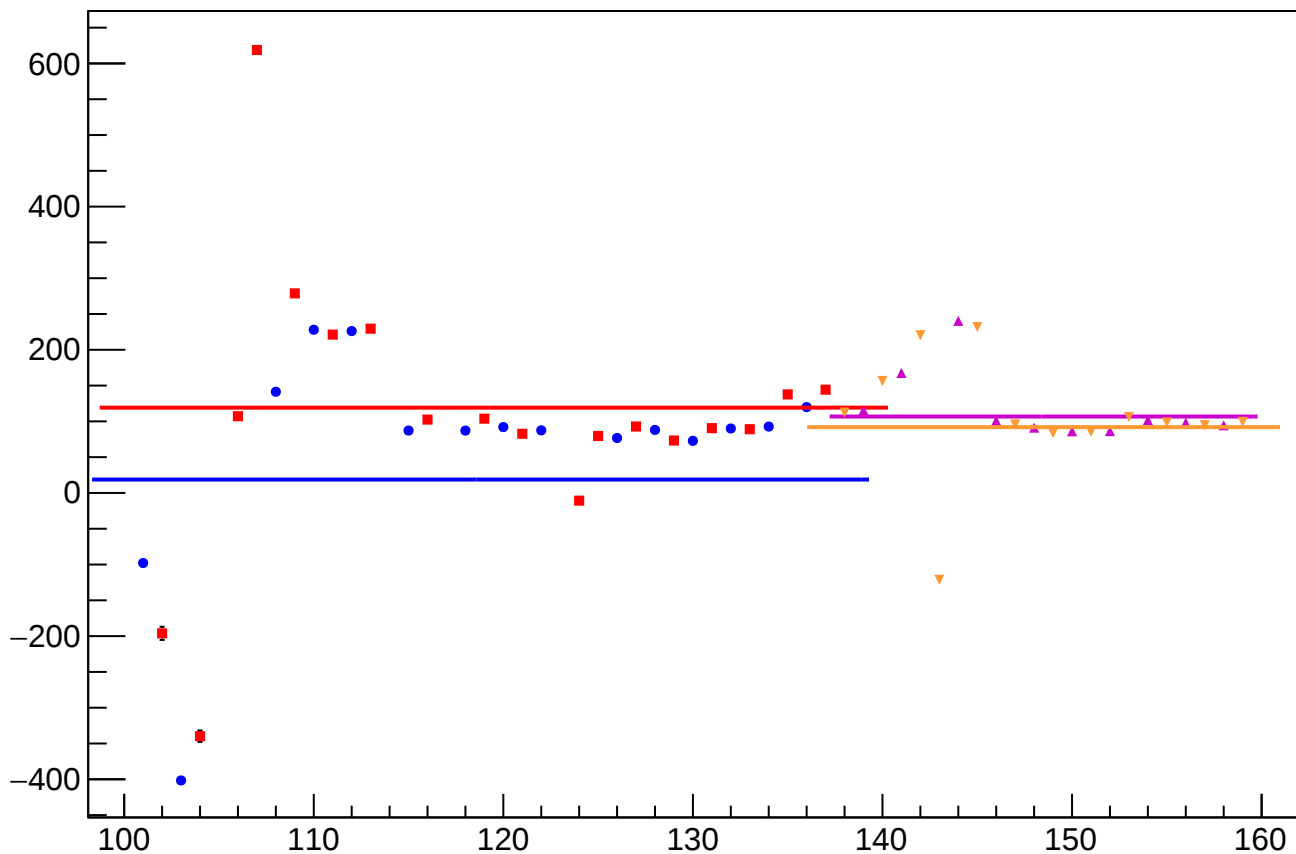
Left In: -72.463 ± 0.163 $\chi^2/\text{NDF}: 34958.9/9$

+ sign -43.404 ± 0.100 $\chi^2/\text{NDF}: 527327.4/26$

All: -93.167 ± 0.012 $\chi^2/\text{NDF}: 916555.7/54$

- sign -93.926 ± 0.012 $\chi^2/\text{NDF}: 139779.8/27$

dit_atl1_4eX_slope vs Slug



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 91.934 ± 0.112 $\chi^2/\text{NDF}: 167295.6/11$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

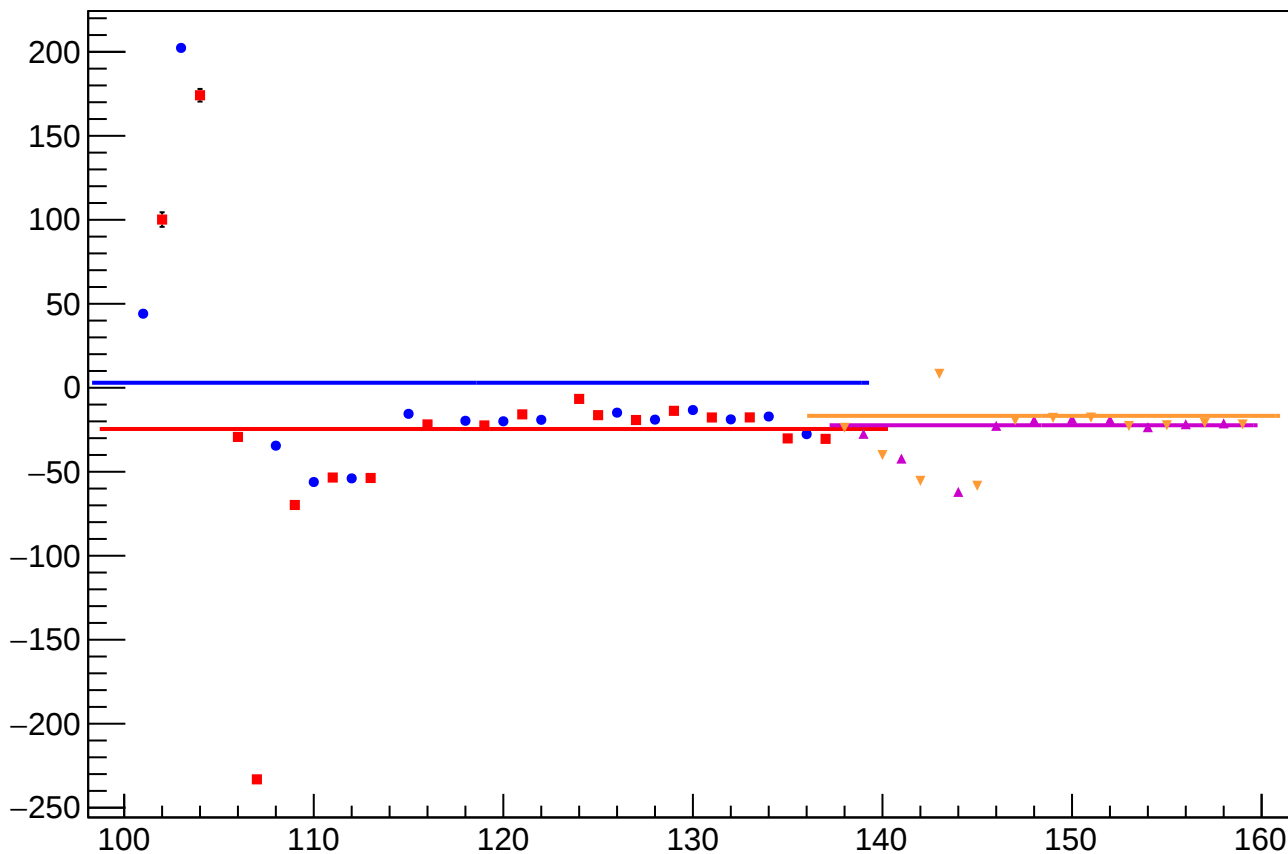
Left In: 106.768 ± 0.141 $\chi^2/\text{NDF}: 55776.0/9$

+ sign 66.069 ± 0.090 $\chi^2/\text{NDF}: 1418932.8/26$

All: 83.144 ± 0.071 $\chi^2/\text{NDF}: 1658453.2/54$

- sign 110.920 ± 0.115 $\chi^2/\text{NDF}: 145801.8/27$

dit_atl1_11X12X_slope vs Slug



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.709 ± 0.016 χ^2/NDF : 568132.5/11

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

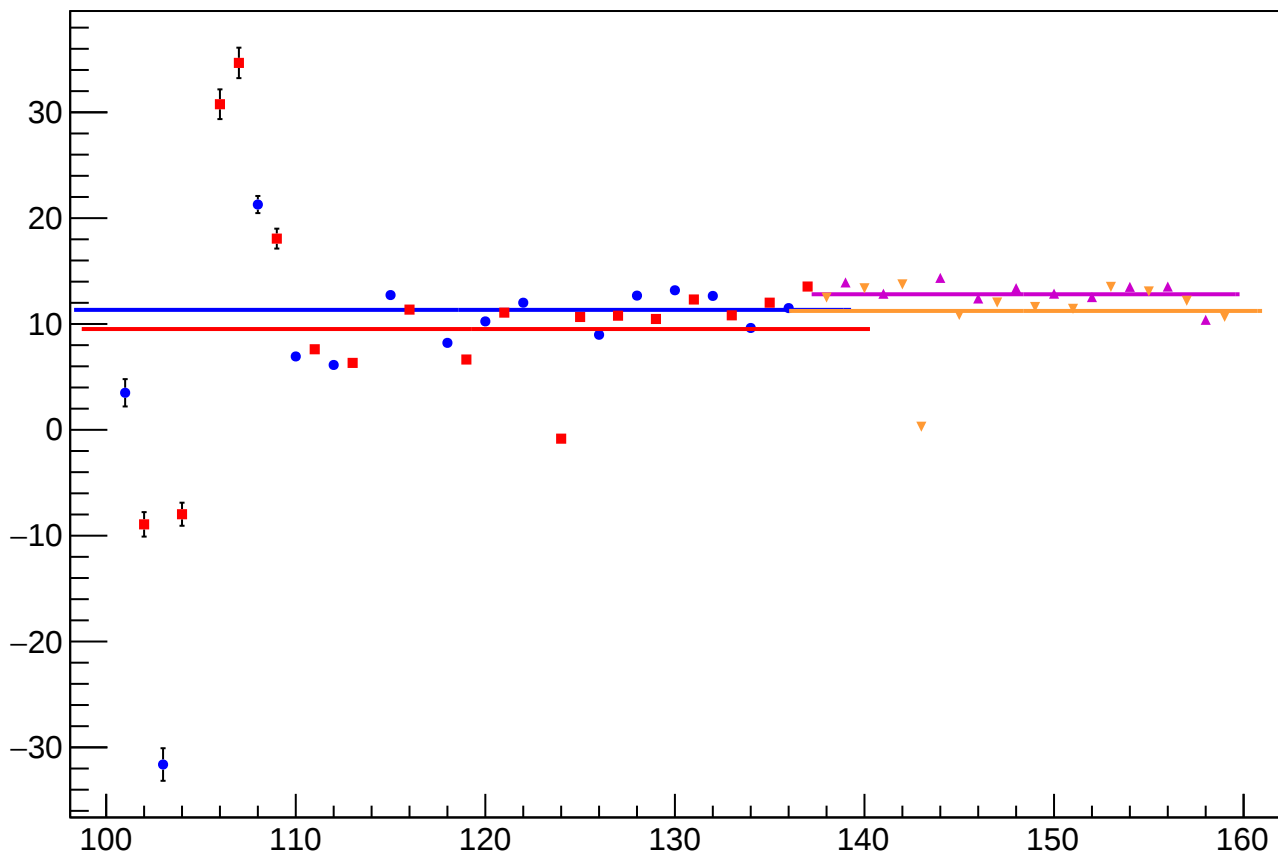
Left In: -22.317 ± 0.020 χ^2/NDF : 117326.9/9

+ sign -11.788 ± 0.013 χ^2/NDF : 4467642.0/26

All: -15.644 ± 0.011 χ^2/NDF : 4996670.2/54

- sign -22.702 ± 0.018 χ^2/NDF : 295946.4/27

dit_atl1_4aY_slope vs Slug



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.234 $\pm$ 0.021 χ^2 /NDF: 27906.7/11

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

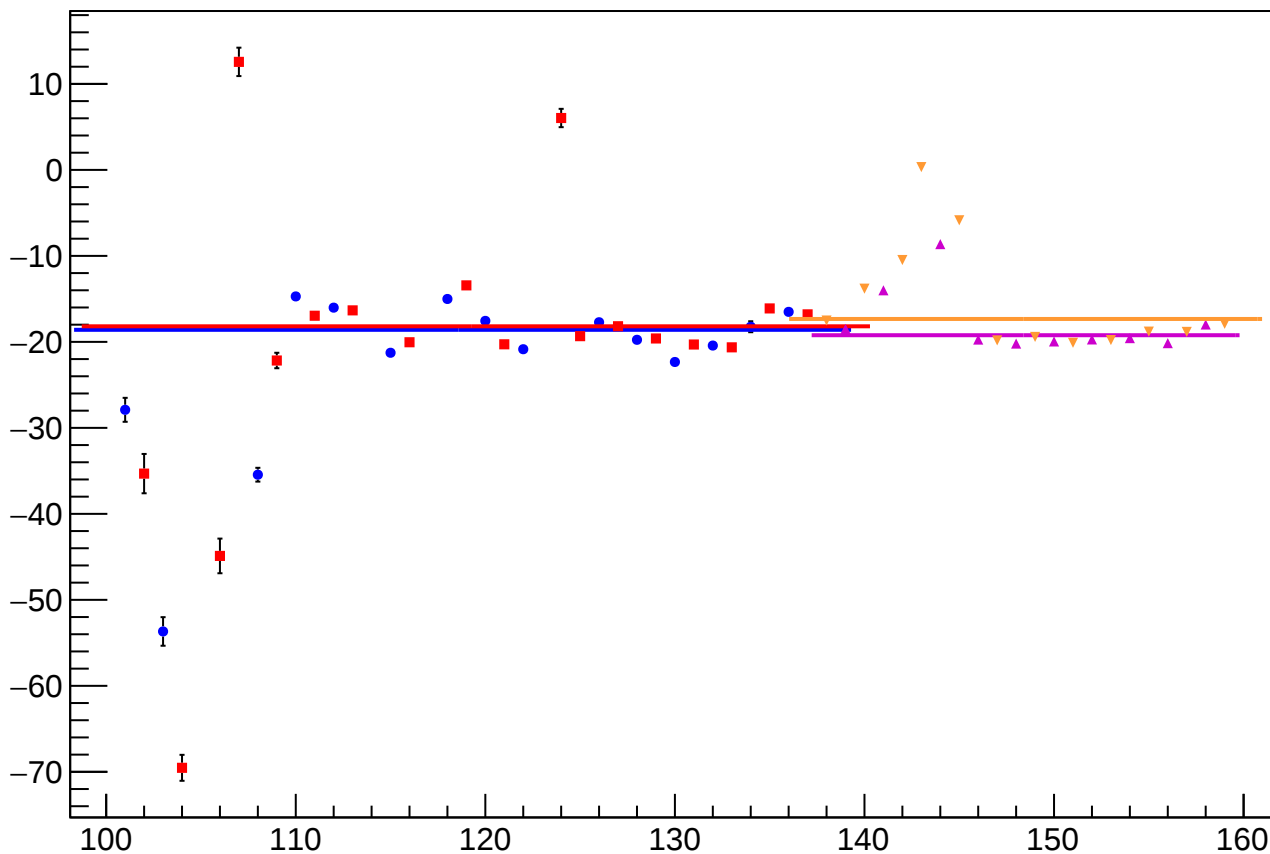
Left In: 12.809 $\pm$ 0.018 χ^2 /NDF: 3091.7/9

+ sign 11.258 $\pm$ 0.018 χ^2 /NDF: 30318.3/26

All: 11.853 $\pm$ 0.013 χ^2 /NDF: 43583.5/54

- sign 12.386 $\pm$ 0.017 χ^2 /NDF: 11237.4/27

dit_atl1_4eY_slope vs Slug



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -17.335 ± 0.023 χ^2/NDF : 43953.7/11

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

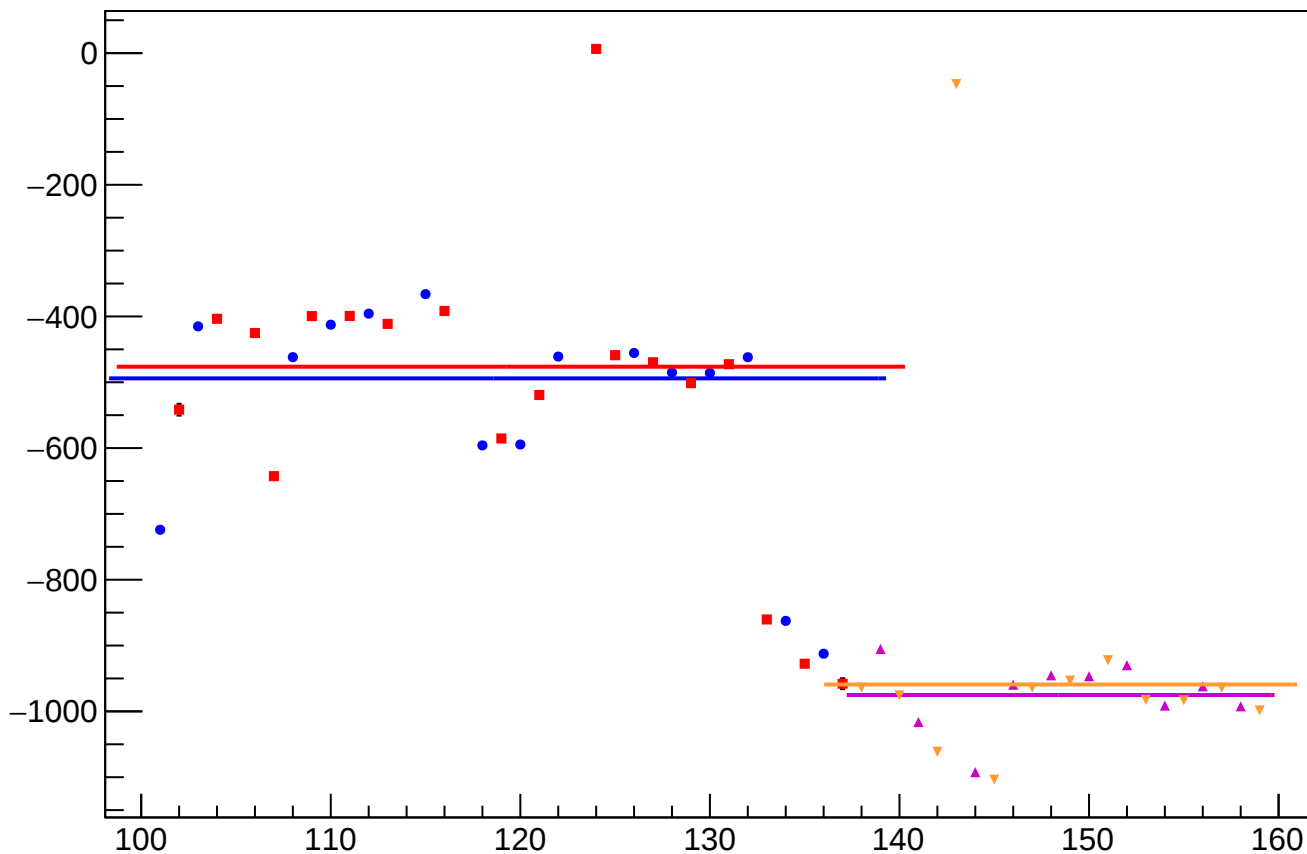
Left In: -19.225 ± 0.021 χ^2/NDF : 6760.0/9

+ sign -17.676 ± 0.019 χ^2/NDF : 50983.6/26

All: -18.371 ± 0.014 χ^2/NDF : 65578.5/54

- sign -19.066 ± 0.019 χ^2/NDF : 12012.8/27

dit_atl2_4aX_slope vs Slug



Right In: -494.081 ± 0.232 χ^2/NDF : 325996.5/14

Left Out: -959.180 ± 0.228 χ^2/NDF : 312167.8/11

Right Out: -476.348 ± 0.185 χ^2/NDF : 594116.3/17

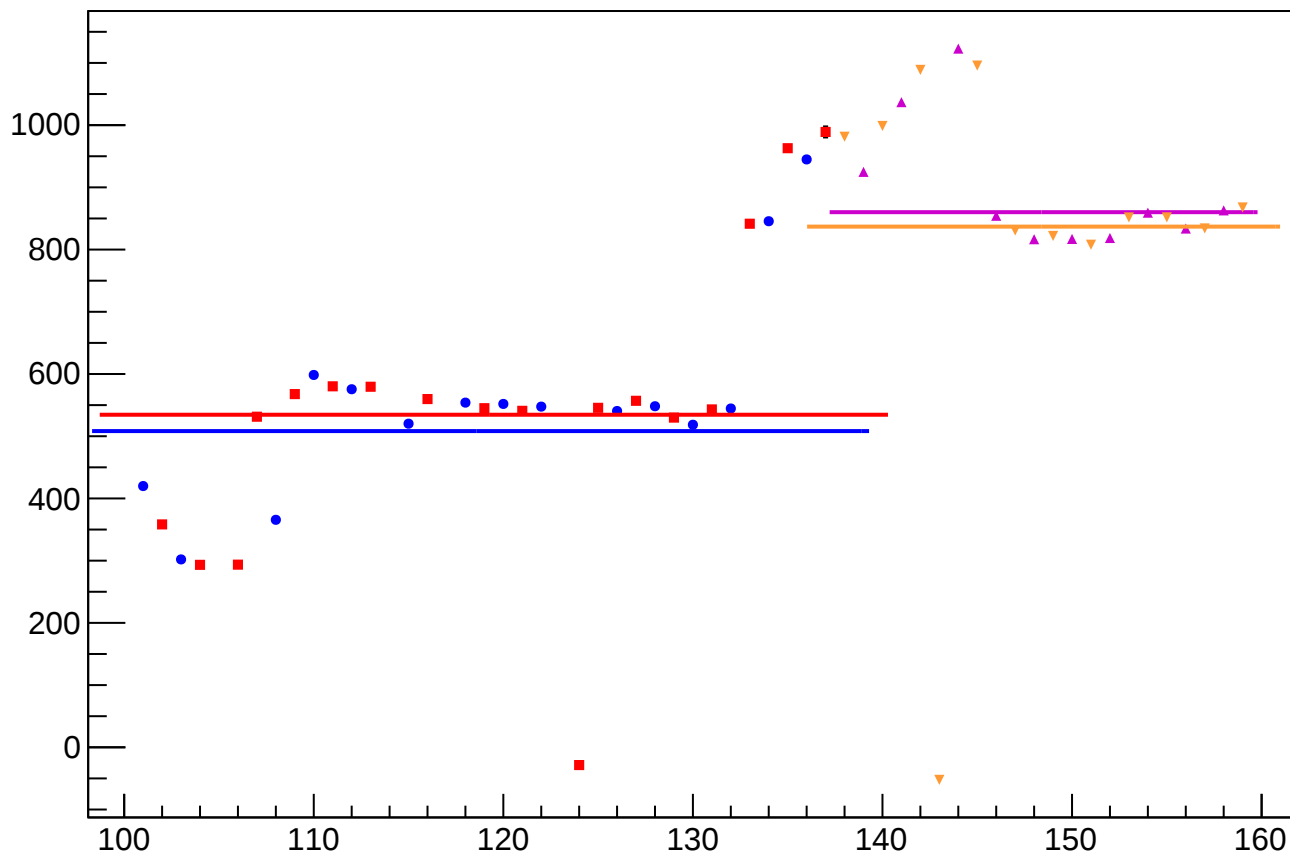
Left In: -975.171 ± 0.221 χ^2/NDF : 22164.6/9

+ sign -730.543 ± 0.163 χ^2/NDF : 2679730.5/26

All: -703.034 ± 0.107 χ^2/NDF : 6341238.2/54

- sign -682.119 ± 0.142 χ^2/NDF : 3611206.0/27

dit_atl2_4eX_slope vs Slug



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 836.915+/-0.185 χ^2/NDF : 413344.2/11

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

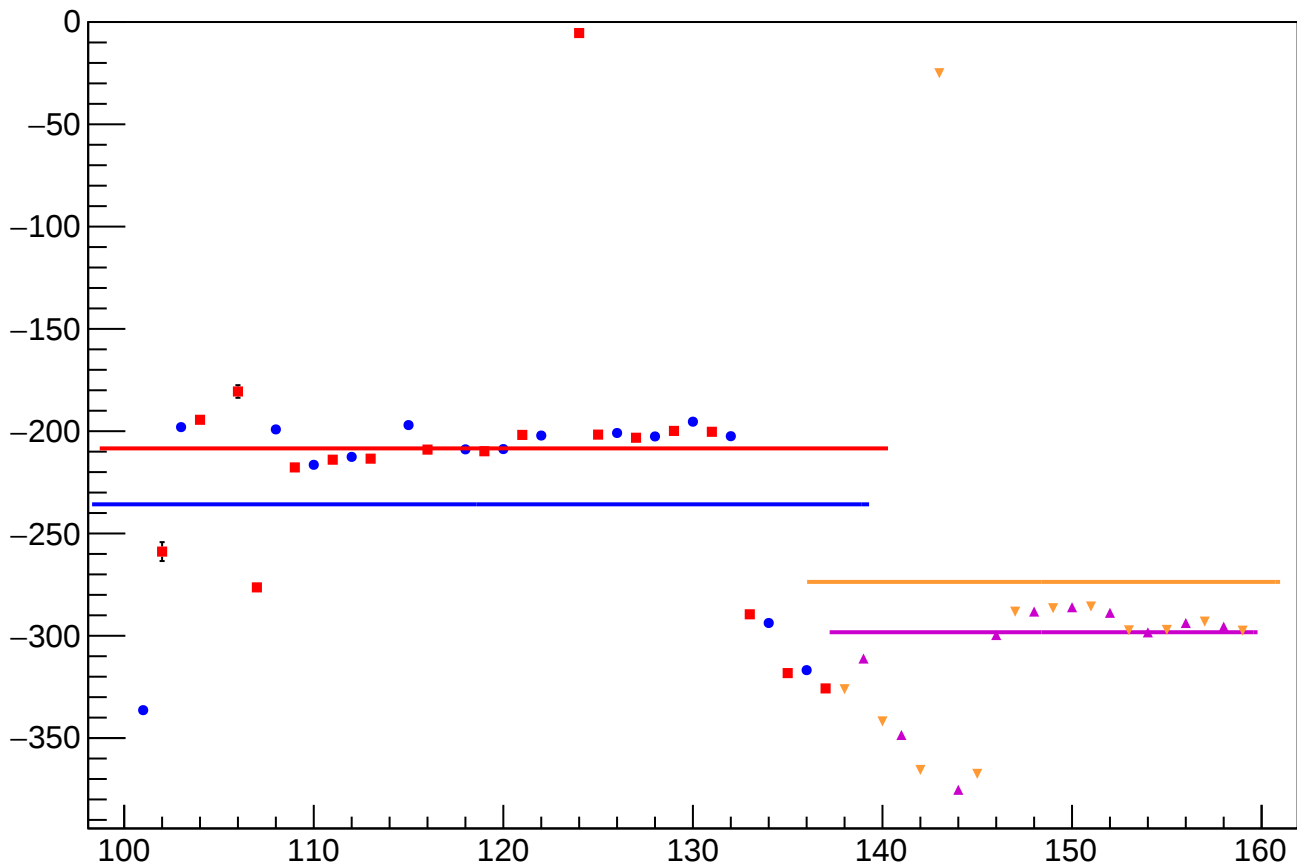
Left In: 860.116+/-0.191 χ^2/NDF : 86256.7/9

+ sign 702.351+/-0.142 χ^2/NDF : 2150933.5/26

All: 710.037+/-0.101 χ^2/NDF : 3877216.6/54

- sign 717.907+/-0.144 χ^2/NDF : 1720340.9/27

dit_atl2_11X12X_slope vs Slug



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -273.665 ± 0.029 $\chi^2/\text{NDF}: 6307524.3/11$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

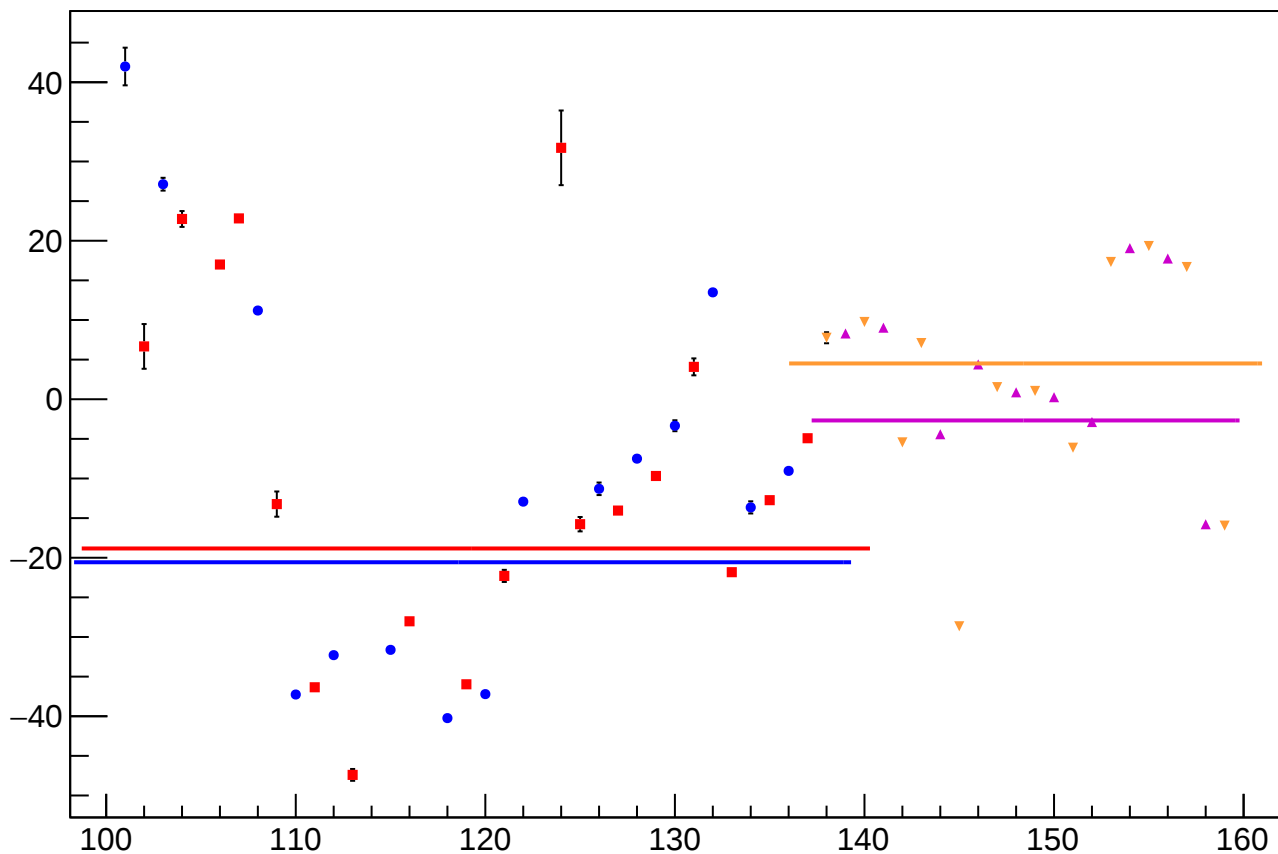
Left In: -298.265 ± 0.031 $\chi^2/\text{NDF}: 226971.3/9$

+ sign -265.582 ± 0.025 $\chi^2/\text{NDF}: 7554668.3/26$

All: -267.996 ± 0.018 $\chi^2/\text{NDF}: 10728103.6/5$

- sign -270.503 ± 0.026 $\chi^2/\text{NDF}: 3155166.5/27$

dit_atl2_4aY_slope vs Slug



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 4.515 ± 0.032 χ^2/NDF : 155751.7/11

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

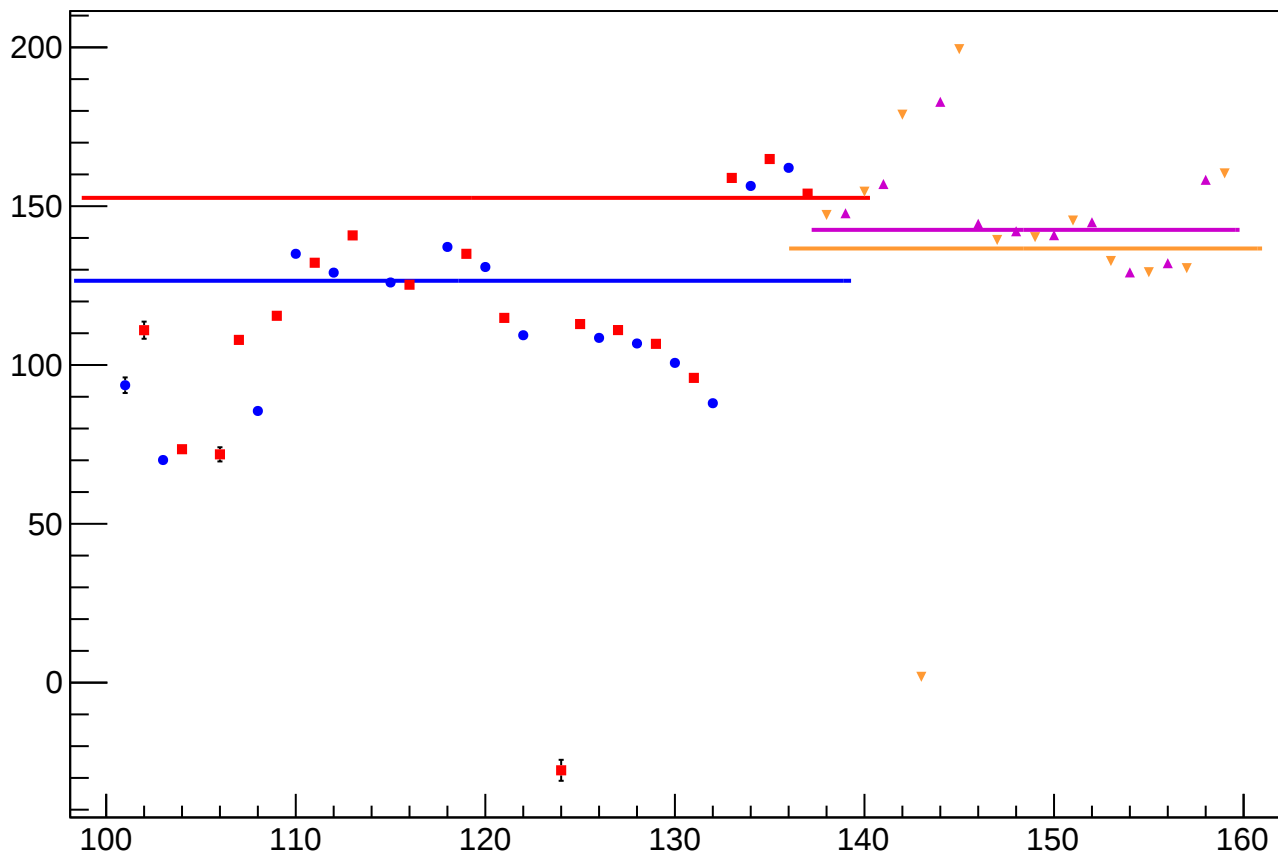
Left In: -2.677 ± 0.025 χ^2/NDF : 241688.4/9

+ sign 0.305 ± 0.029 χ^2/NDF : 322044.4/26

All: -1.924 ± 0.019 χ^2/NDF : 615779.0/54

- sign -3.529 ± 0.025 χ^2/NDF : 283733.8/27

dit_atl2_4eY_slope vs Slug



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 136.678 $\pm$ 0.042 χ^2 /NDF:440229.7/11

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

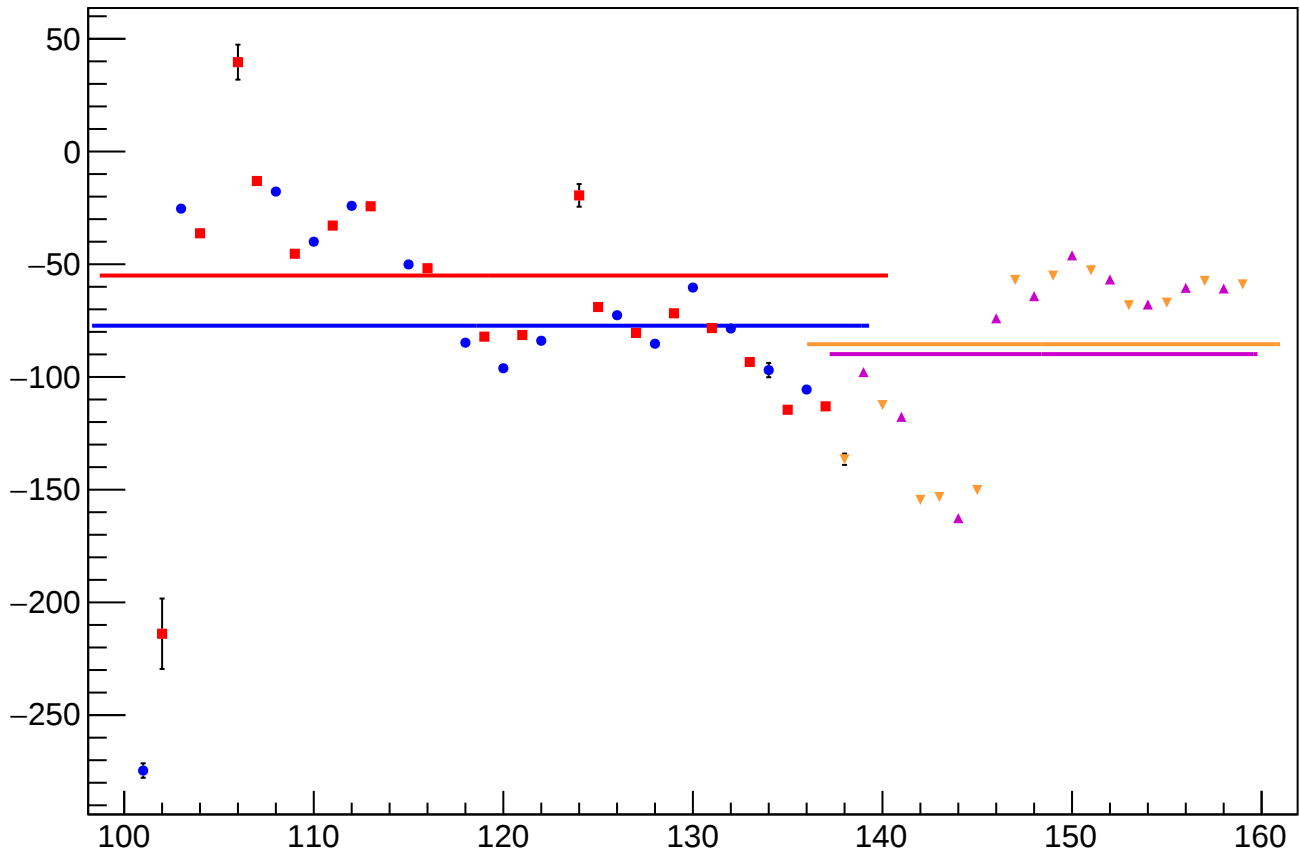
Left In: 142.549 $\pm$ 0.035 χ^2 /NDF:96357.9/9

+ sign 134.669 $\pm$ 0.037 χ^2 /NDF: 566935.9/26

All: 144.573 $\pm$ 0.020 χ^2 /NDF: 881229.6/54

- sign 148.320 $\pm$ 0.023 χ^2 /NDF: 217387.6/27

dit_atr1_4aX_slope vs Slug



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -85.467 ± 0.165 χ^2/NDF : 53319.9/11

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

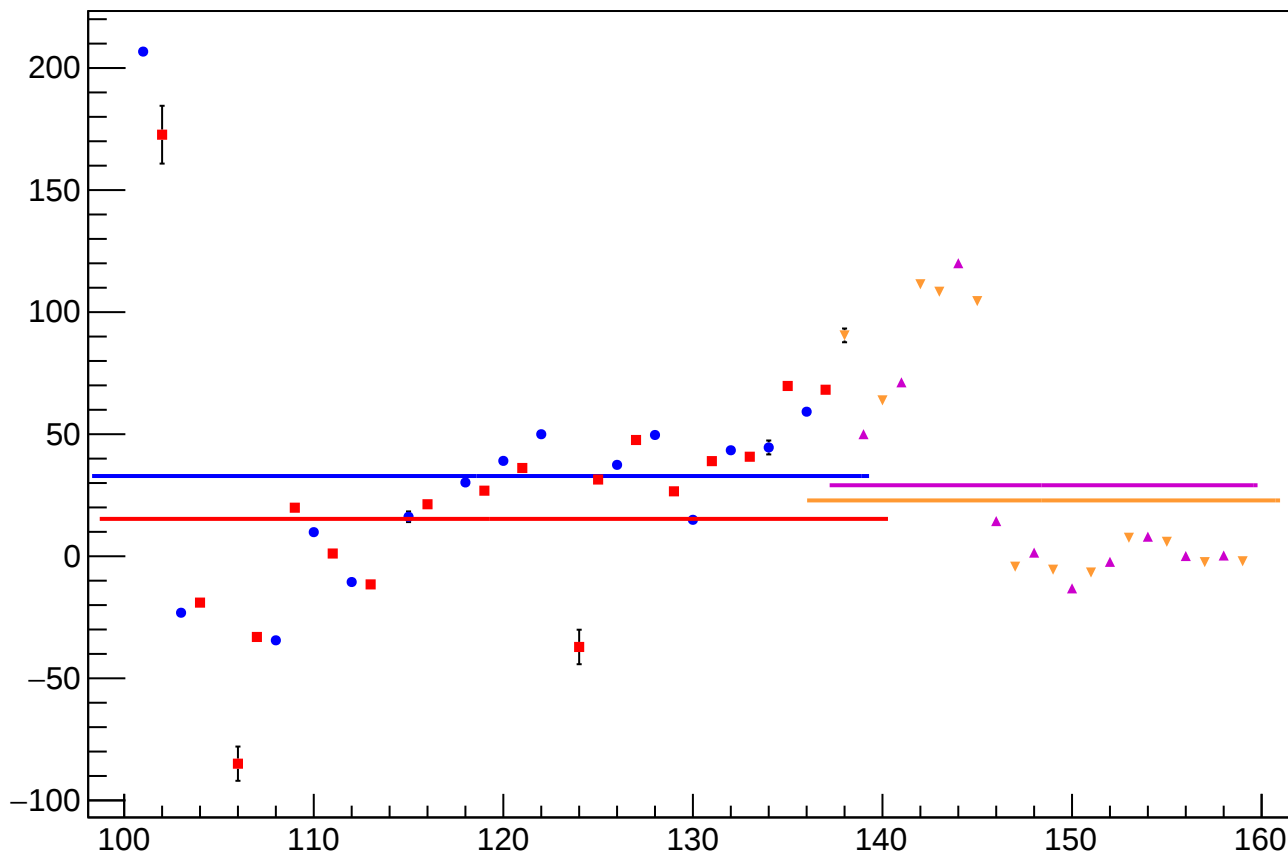
Left In: -89.863 ± 0.168 χ^2/NDF : 49403.0/9

+ sign -80.880 ± 0.109 χ^2/NDF : 85060.9/26

All: -78.173 ± 0.083 χ^2/NDF : 178372.9/54

- sign -74.591 ± 0.126 χ^2/NDF : 91892.1/27

dit_atr1_4eX_slope vs Slug



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 22.872 ± 0.143 $\chi^2/\text{NDF}: 85169.5/11$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

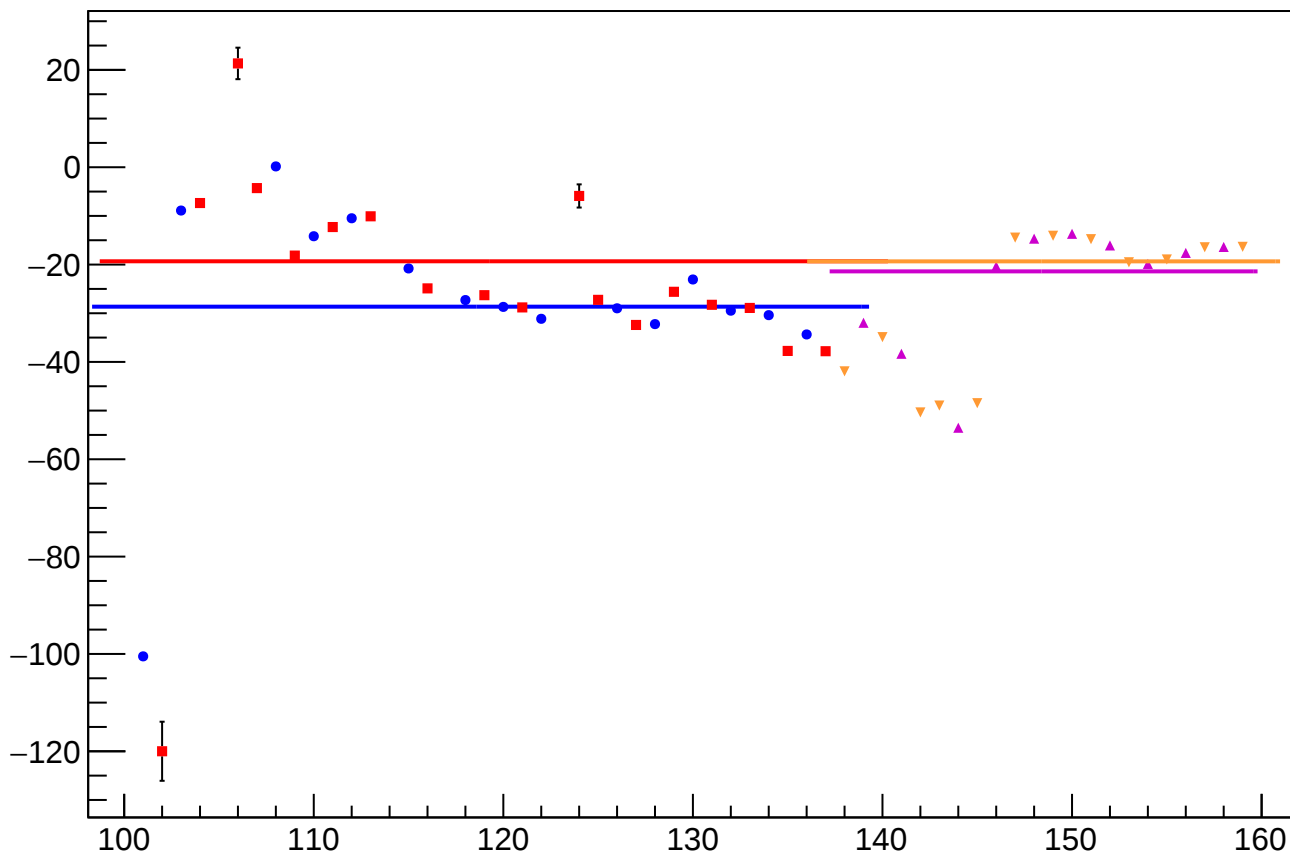
Left In: 29.089 ± 0.149 $\chi^2/\text{NDF}: 76914.9/9$

+ sign 27.771 ± 0.102 $\chi^2/\text{NDF}: 118953.0/26$

All: 26.404 ± 0.078 $\chi^2/\text{NDF}: 215919.5/54$

- sign 24.481 ± 0.121 $\chi^2/\text{NDF}: 96536.0/27$

dit_atr1_11X12X_slope vs Slug



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -19.339 ± 0.019 χ^2/NDF : 214041.3/11

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

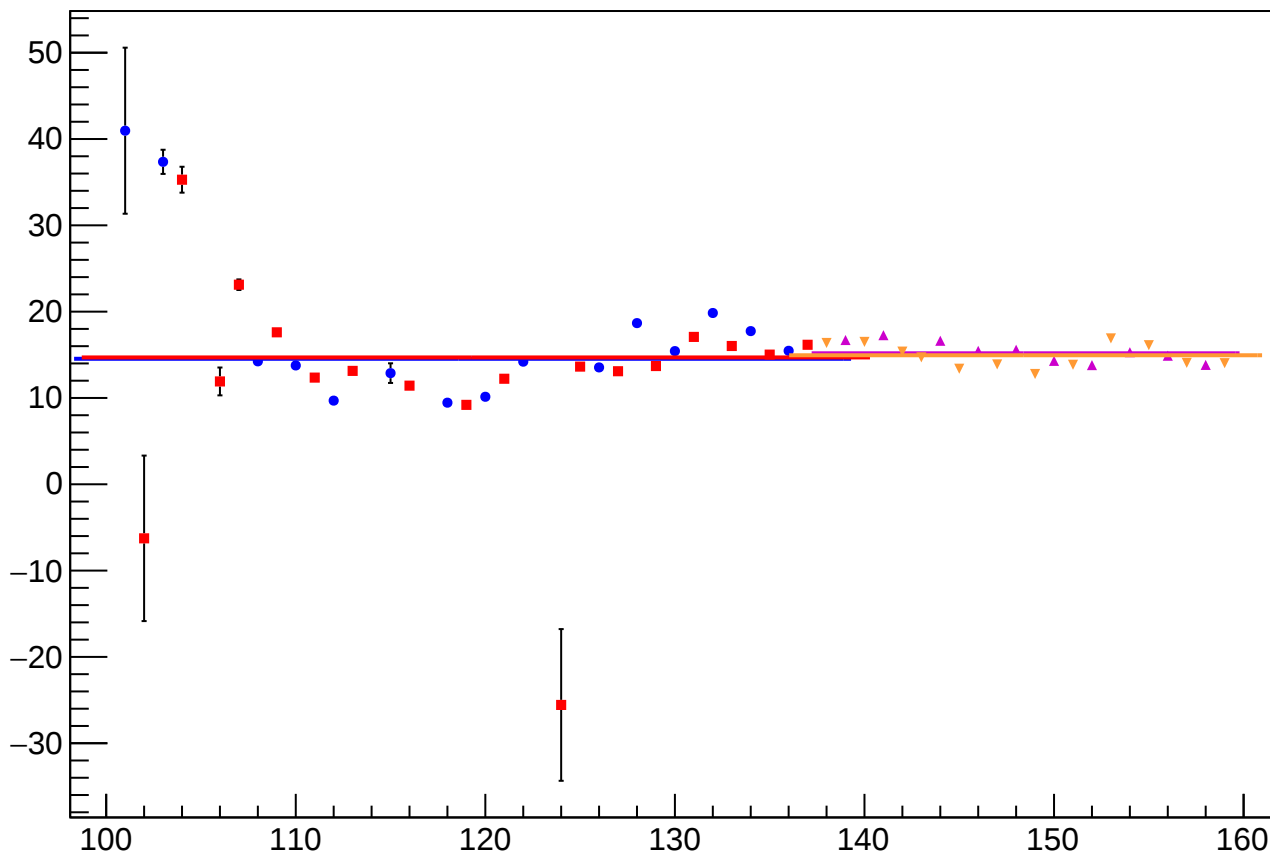
Left In: -21.397 ± 0.022 χ^2/NDF : 172615.8/9

+ sign -21.482 ± 0.016 χ^2/NDF : 384286.5/26

All: -21.240 ± 0.012 χ^2/NDF : 616121.1/54

- sign -20.919 ± 0.019 χ^2/NDF : 231329.1/27

dit_atr1_4aY_slope vs Slug



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 14.947 $\pm$ 0.020 χ^2 /NDF: 4794.9/11

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

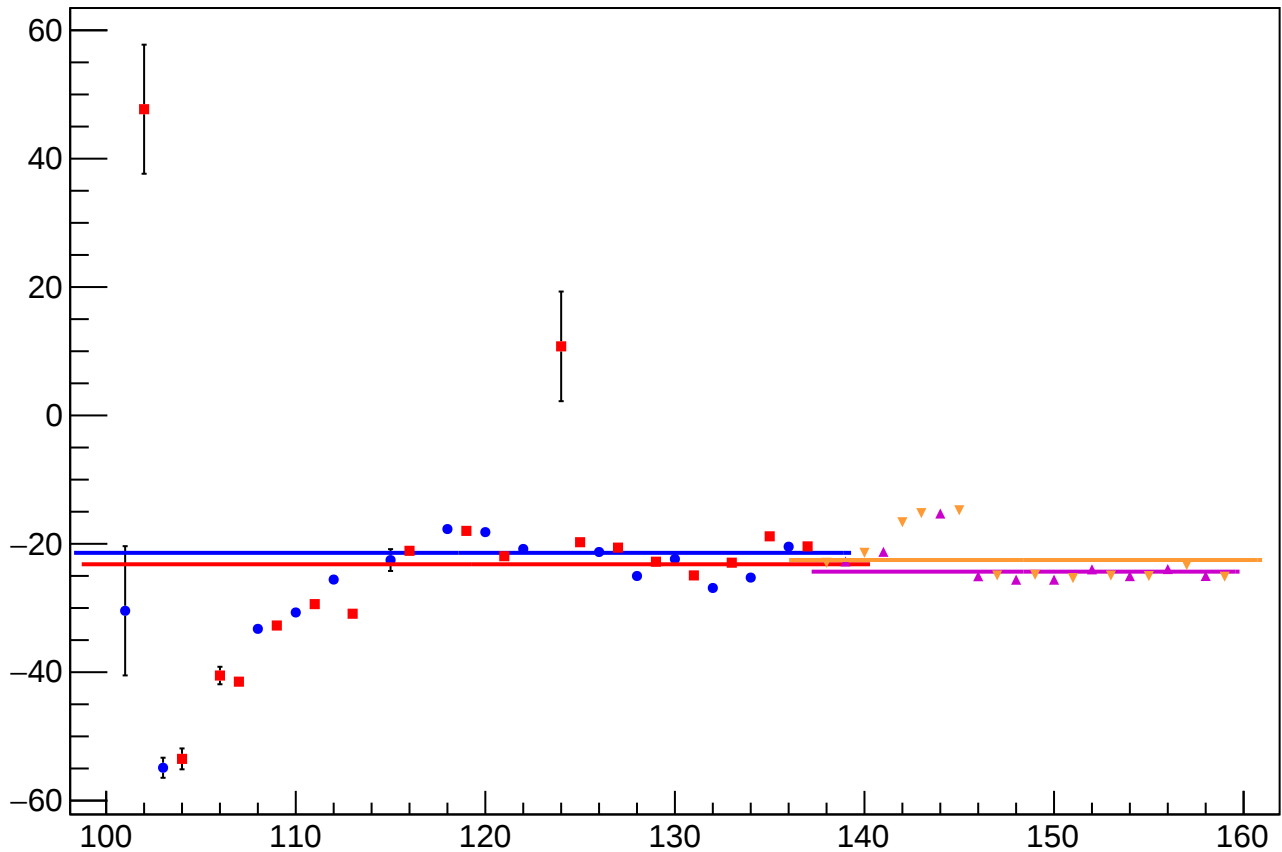
Left In: 15.175 $\pm$ 0.020 χ^2 /NDF: 3360.2/9

+ sign 14.824 $\pm$ 0.016 χ^2 /NDF: 16997.9/26

All: 14.944 $\pm$ 0.012 χ^2 /NDF: 22211.4/54

- sign 15.092 $\pm$ 0.018 χ^2 /NDF: 5093.7/27

dit_atr1_4eY_slope vs Slug



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -22.521 ± 0.023 $\chi^2/\text{NDF}: 26738.5/11$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

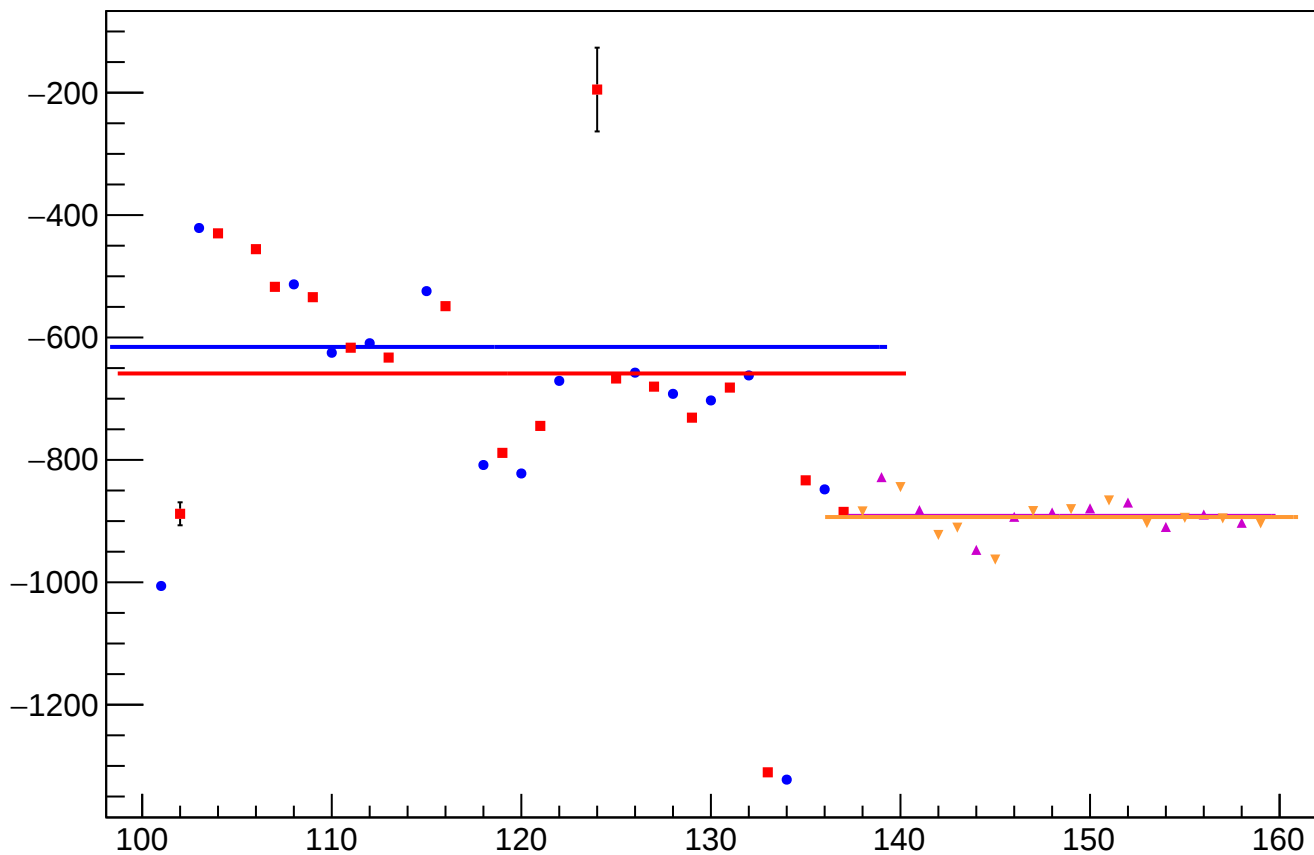
Left In: -24.337 ± 0.021 $\chi^2/\text{NDF}: 7504.7/9$

+ sign -22.184 ± 0.020 $\chi^2/\text{NDF}: 37110.7/26$

All: -23.161 ± 0.014 $\chi^2/\text{NDF}: 59228.4/54$

- sign -24.164 ± 0.020 $\chi^2/\text{NDF}: 17062.3/27$

dit_atr2_4aX_slope vs Slug



Right In: -615.419+/-0.238 χ^2 /NDF: 382819.1/14

Left Out: -893.347+/-0.183 χ^2 /NDF:11780.2/11

Right Out: -658.787+/-0.256 χ^2 /NDF: 385262.6/17

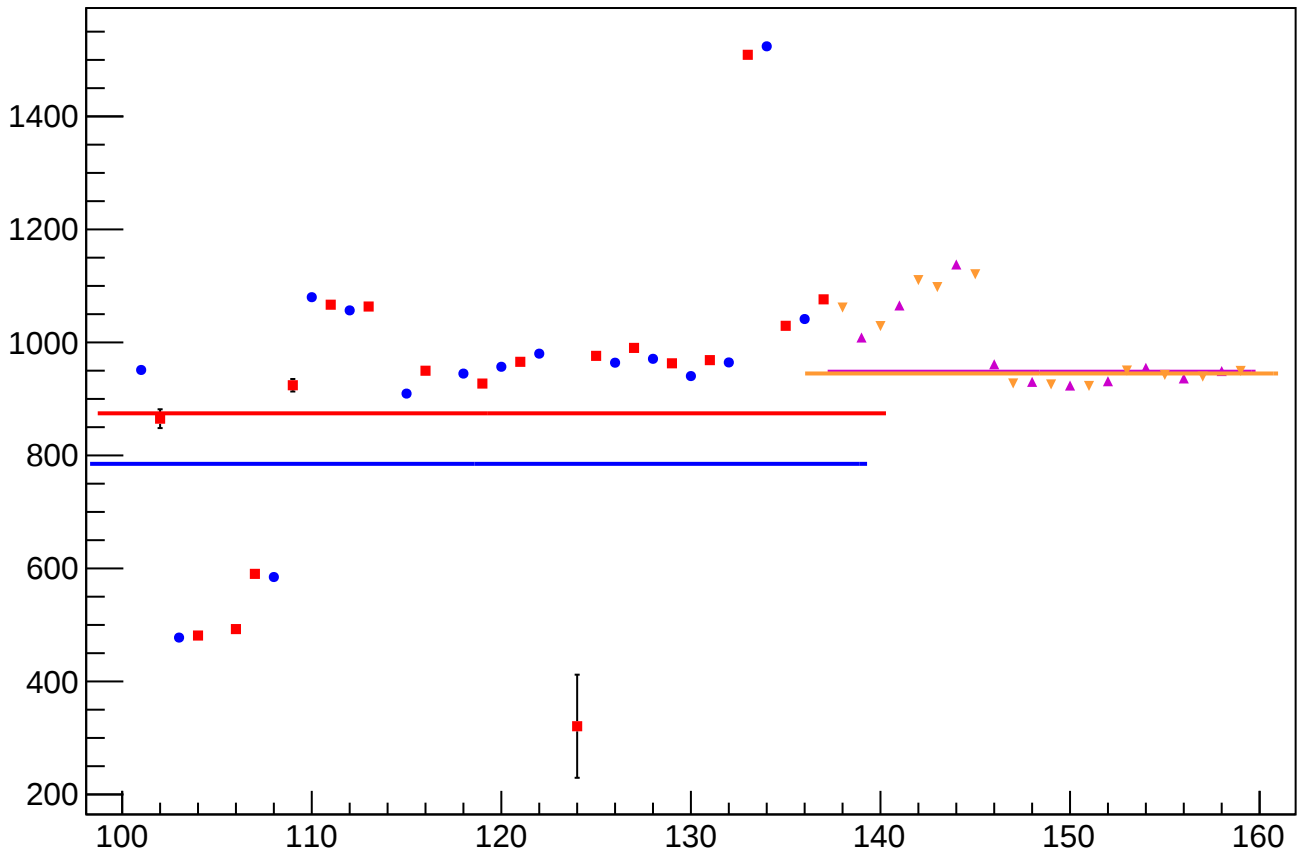
Left In: -891.445+/-0.167 χ^2 /NDF:12987.1/9

+ sign -790.215+/-0.145 χ^2 /NDF: 1255124.6/26

All: -806.763+/-0.101 χ^2 /NDF: 2257446.6/54

- sign -822.205+/-0.140 χ^2 /NDF: 977053.4/27

dit_atr2_4eX_slope vs Slug



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 945.018 $\pm$ 0.148 χ^2 /NDF: 68151.7/11

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

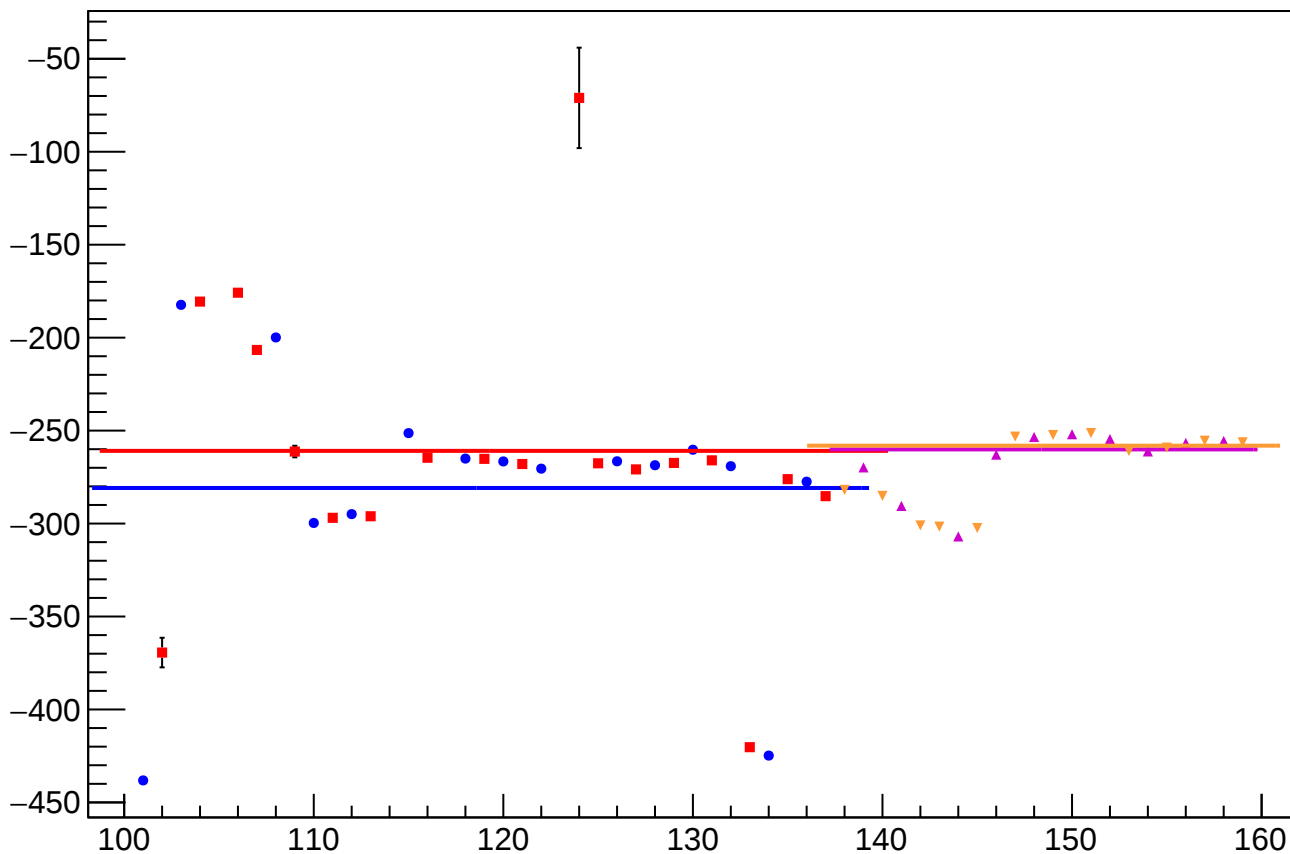
Left In: 948.165 $\pm$ 0.138 χ^2 /NDF: 73755.1/9

+ sign 897.569 $\pm$ 0.124 χ^2 /NDF: 1300195.4/26

All: 915.099 $\pm$ 0.087 χ^2 /NDF: 2317789.9/54

- sign 932.059 $\pm$ 0.122 χ^2 /NDF: 978408.7/27

dit_atr2_11X12X_slope vs Slug



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -258.099 ± 0.024 $\chi^2/\text{NDF}: 156915.2/11$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

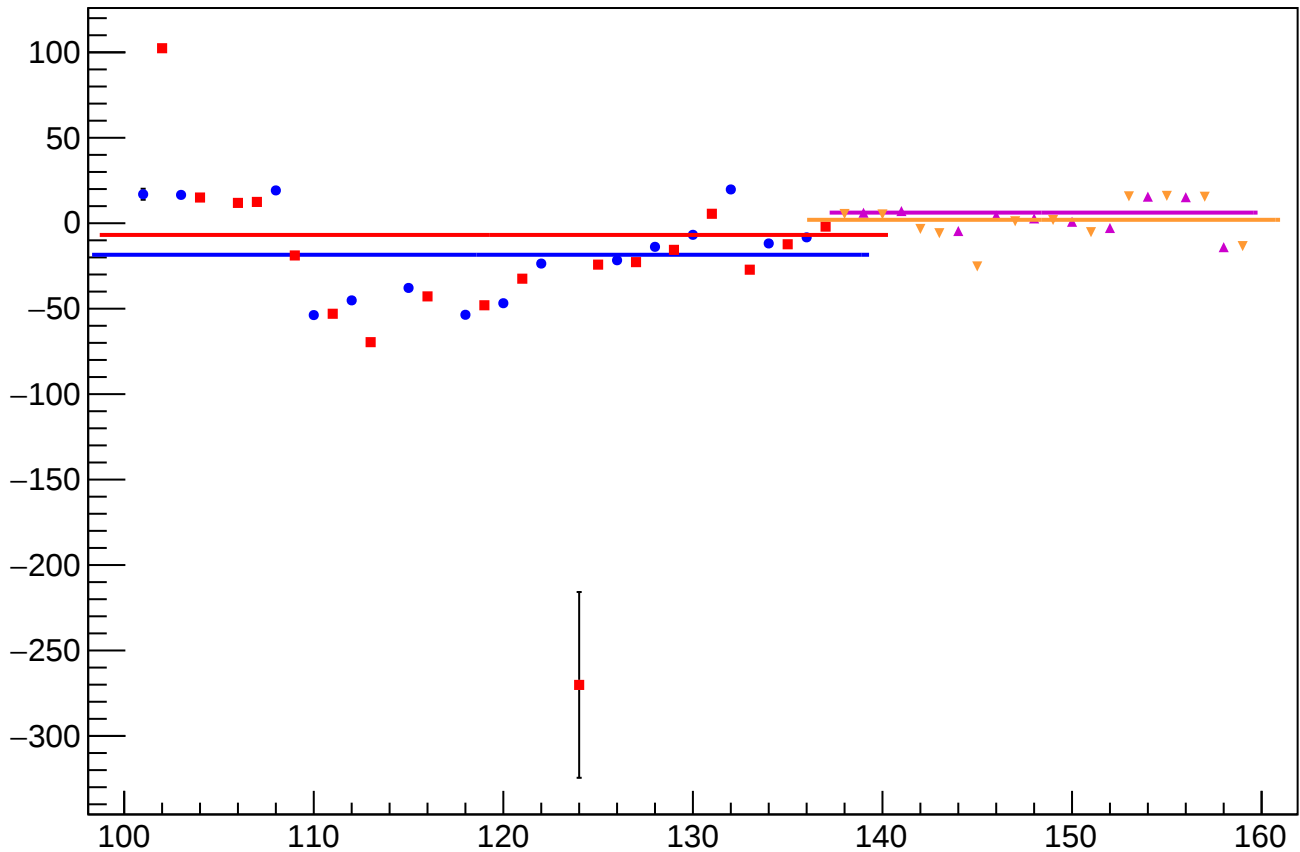
Left In: -260.117 ± 0.024 $\chi^2/\text{NDF}: 175053.7/9$

+ sign -261.434 ± 0.022 $\chi^2/\text{NDF}: 1159534.6/26$

All: -260.836 ± 0.016 $\chi^2/\text{NDF}: 1683886.3/54$

- sign -260.207 ± 0.023 $\chi^2/\text{NDF}: 522889.0/27$

dit_atr2_4aY_slope vs Slug



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 2.003 ± 0.029 $\chi^2/\text{NDF}: 188560.3/11$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

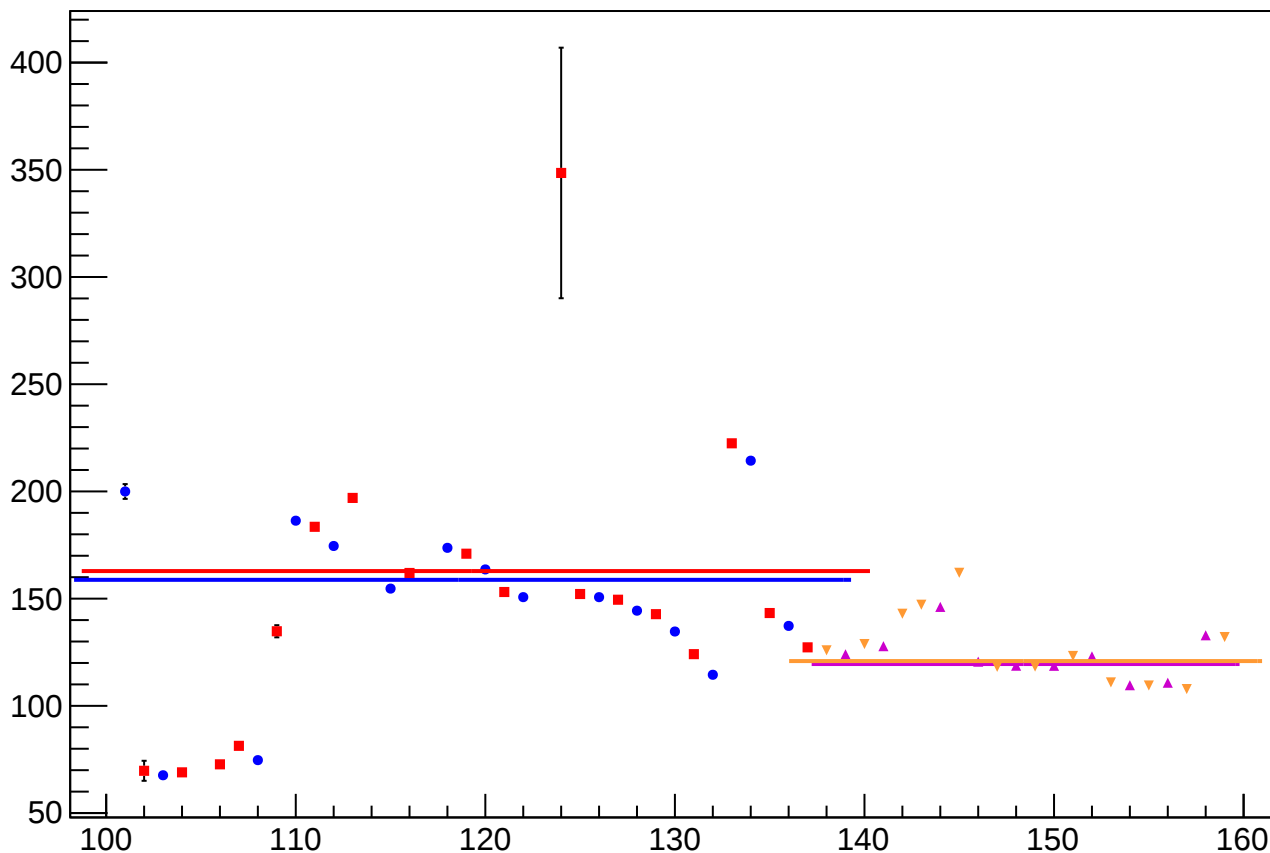
Left In: 6.213 ± 0.026 $\chi^2/\text{NDF}: 156818.3/9$

+ sign 0.137 ± 0.028 $\chi^2/\text{NDF}: 280778.5/26$

All: 2.552 ± 0.018 $\chi^2/\text{NDF}: 536348.4/54$

- sign 4.396 ± 0.024 $\chi^2/\text{NDF}: 242034.6/27$

dit_atr2_4eY_slope vs Slug



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 120.881 $\pm$ 0.034 χ^2 /NDF:103076.4/11

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

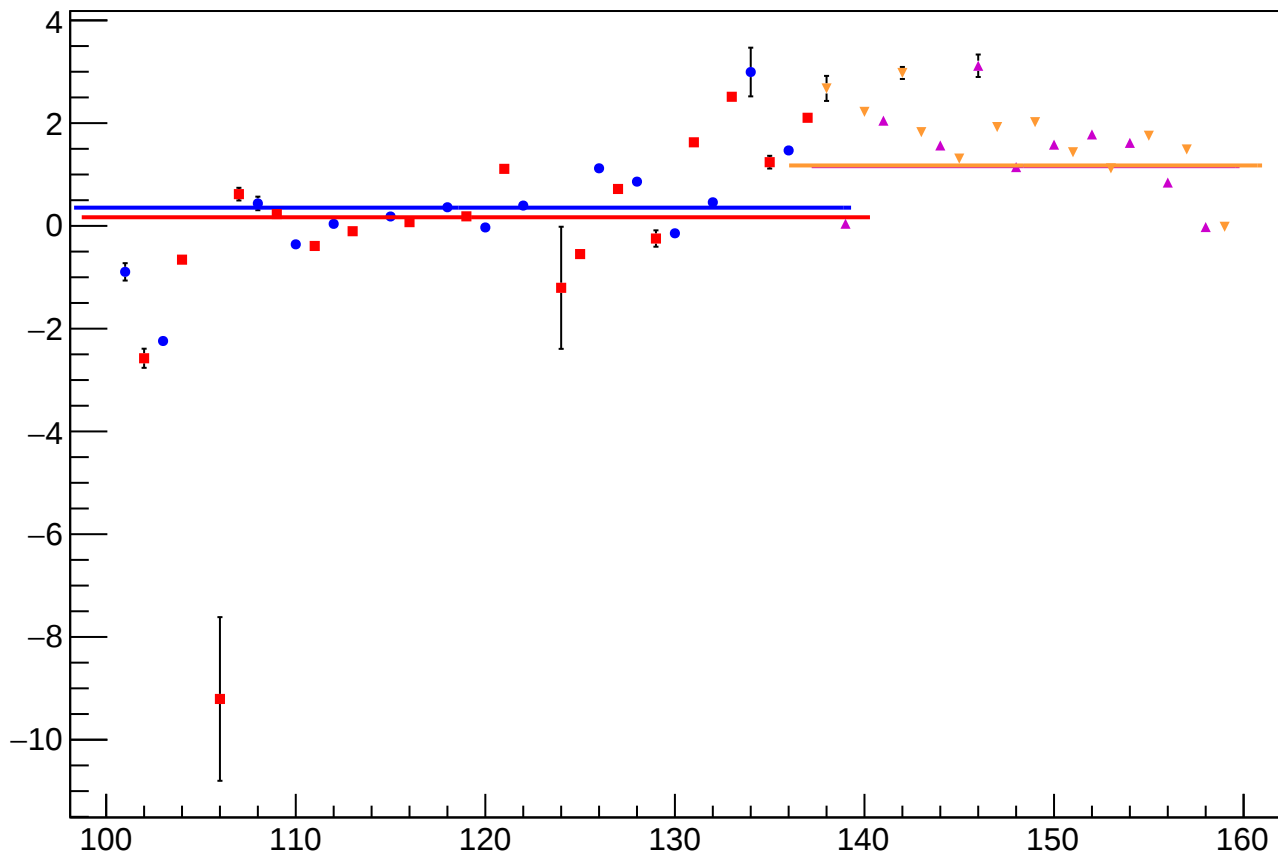
Left In: 119.503 $\pm$ 0.033 χ^2 /NDF:64132.1/9

+ sign 125.705 $\pm$ 0.032 χ^2 /NDF: 422757.6/26

All: 124.979 $\pm$ 0.022 χ^2 /NDF: 836375.4/54

- sign 124.279 $\pm$ 0.031 χ^2 /NDF: 412574.5/27

dit_sam1_4aX_slope vs Slug



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.176 ± 0.013 χ^2/NDF : 4597.3/11

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

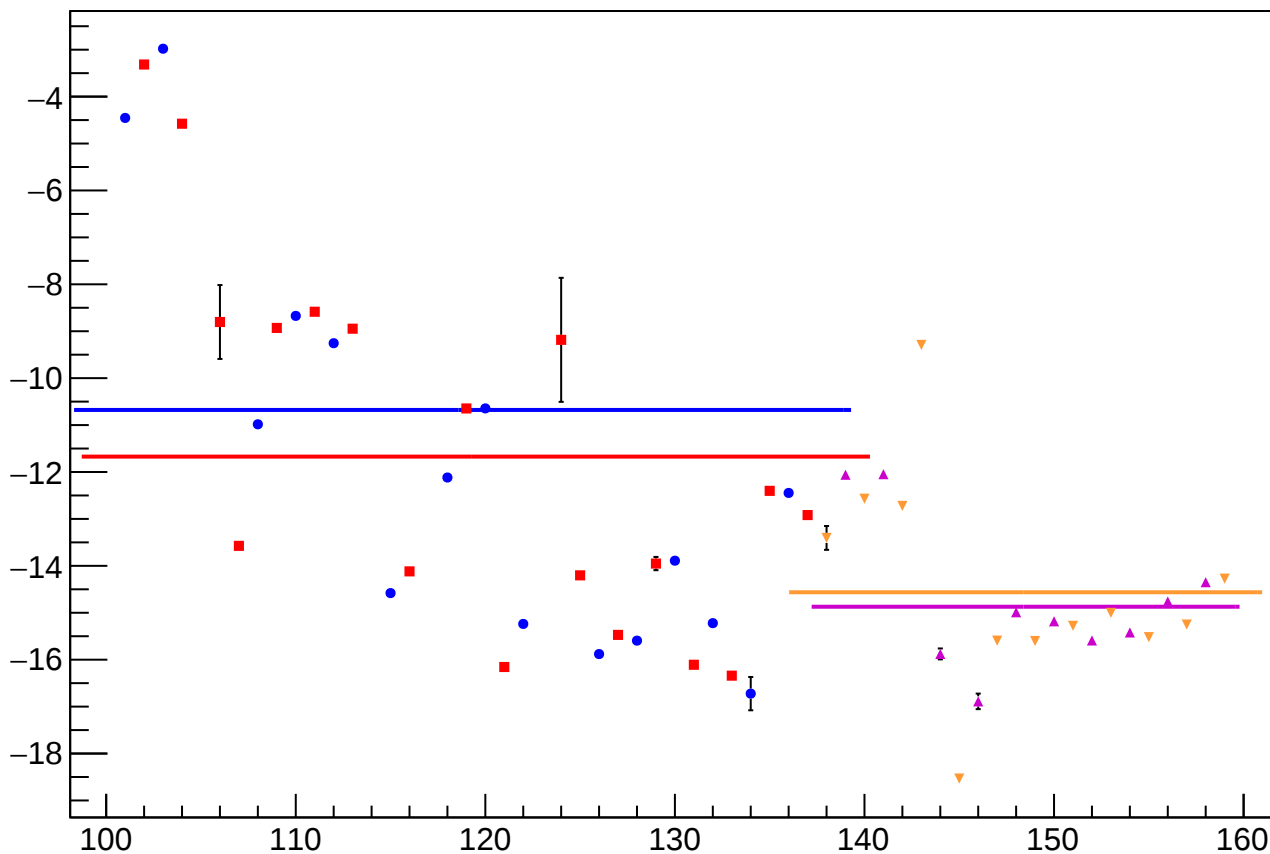
Left In: 1.162 ± 0.009 χ^2/NDF : 5834.2/9

+ sign 0.732 ± 0.009 χ^2/NDF : 10846.9/26

All: 0.619 ± 0.005 χ^2/NDF : 28307.6/54

- sign 0.567 ± 0.006 χ^2/NDF : 17212.4/27

dit_sam1_4eX_slope vs Slug



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.563 ± 0.010 $\chi^2/\text{NDF}: 29242.1/11$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

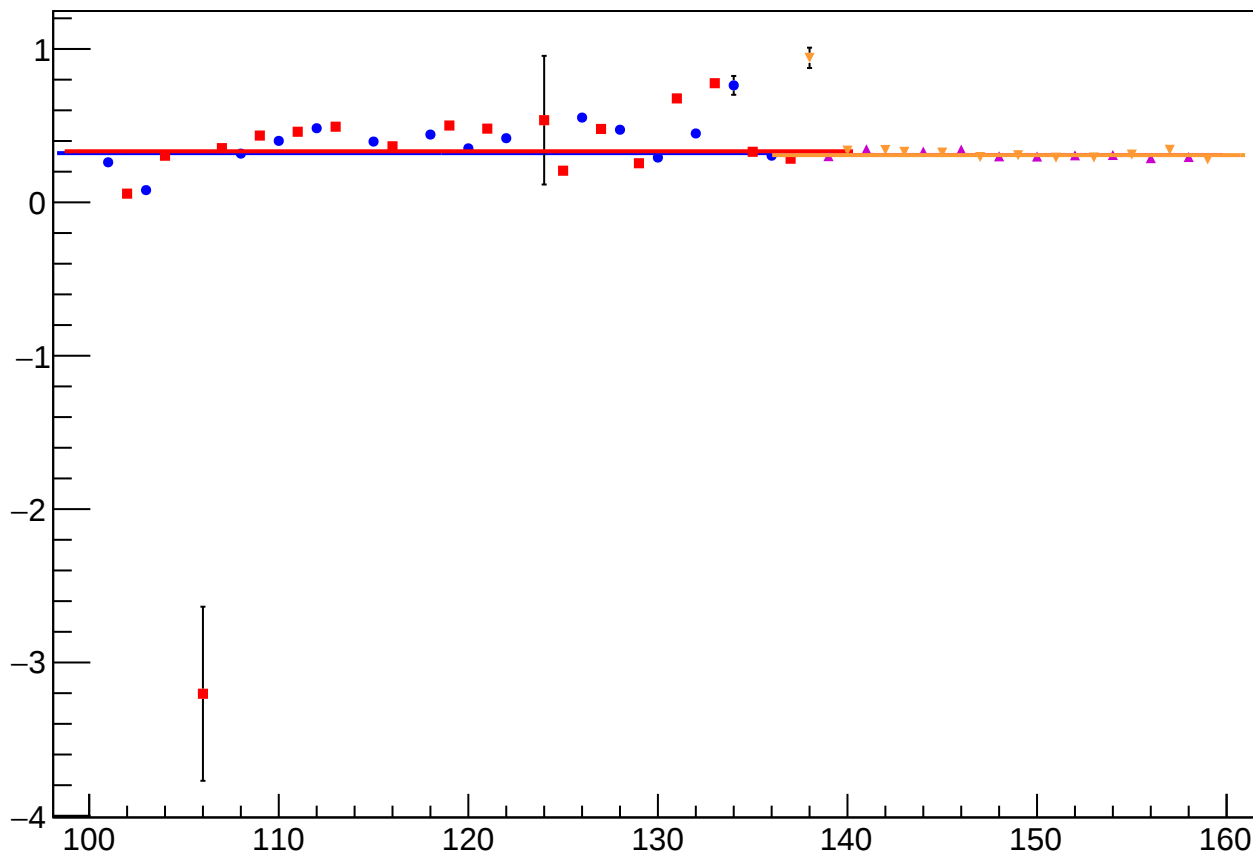
Left In: -14.871 ± 0.008 $\chi^2/\text{NDF}: 11335.0/9$

+ sign -12.586 ± 0.007 $\chi^2/\text{NDF}: 326229.1/26$

All: -13.211 ± 0.005 $\chi^2/\text{NDF}: 508305.5/54$

- sign -13.759 ± 0.007 $\chi^2/\text{NDF}: 168446.4/27$

dit_sam1_11X12X_slope vs Slug



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.308 $\pm$ 0.000 χ^2 /NDF:3622.9/11

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

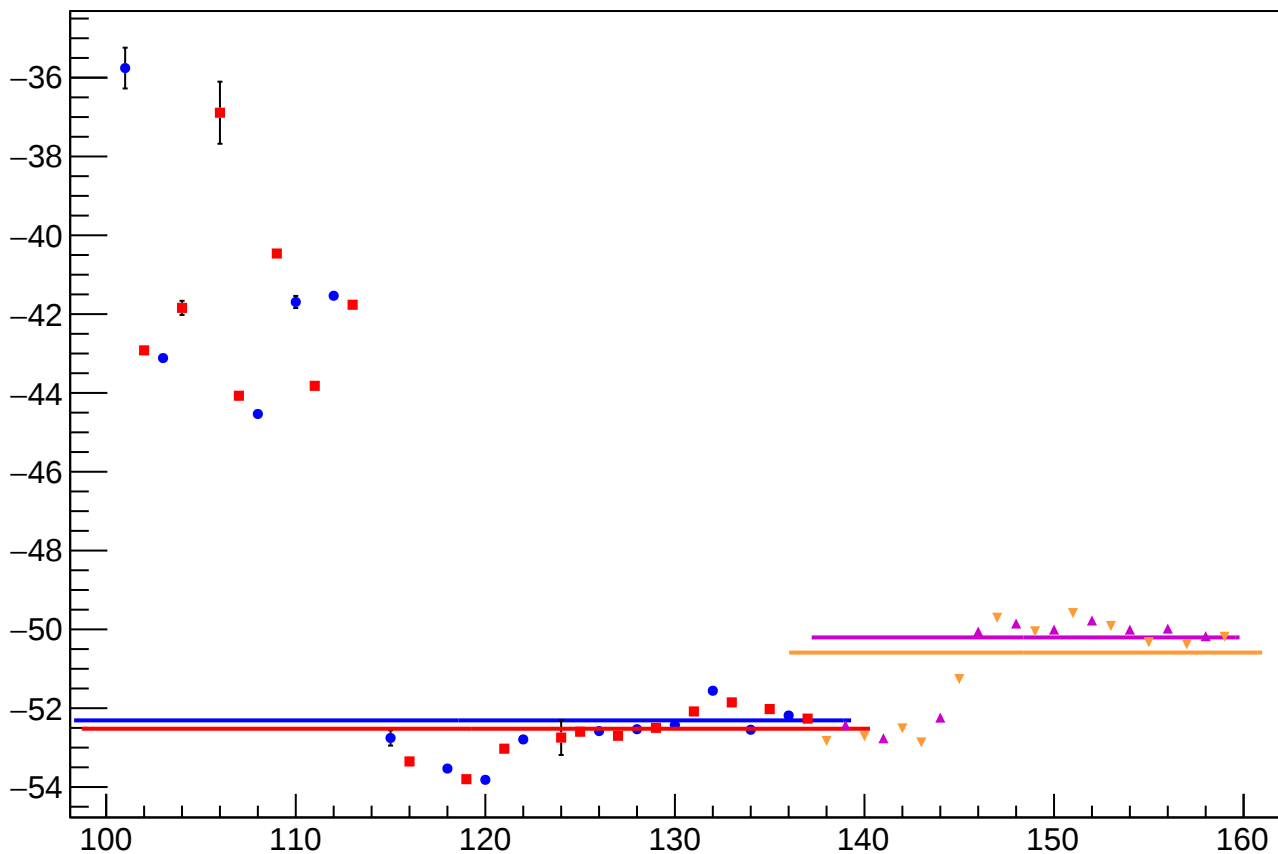
Left In: 0.309 $\pm$ 0.000 χ^2 /NDF:1883.7/9

+ sign 0.310 $\pm$ 0.000 χ^2 /NDF: 7805.5/26

All: 0.310 $\pm$ 0.000 χ^2 /NDF: 14208.8/54

- sign 0.311 $\pm$ 0.000 χ^2 /NDF: 6399.6/27

dit_sam1_4aY_slope vs Slug



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.588 ± 0.003 χ^2/NDF : 203435.6/11

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

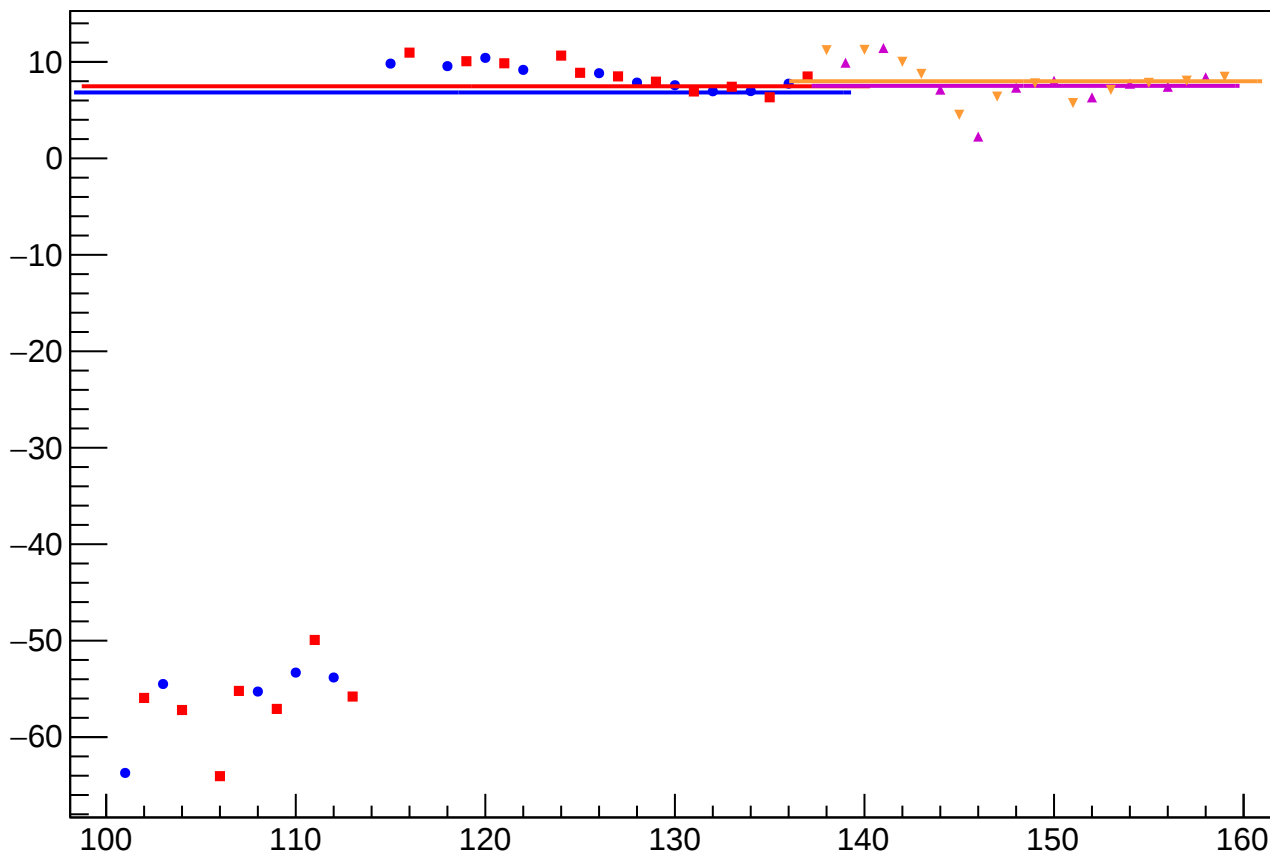
Left In: -50.204 ± 0.002 χ^2/NDF : 154965.2/9

+ sign -51.011 ± 0.002 χ^2/NDF : 371559.6/26

All: -50.680 ± 0.001 χ^2/NDF : 860047.6/54

- sign -50.495 ± 0.002 χ^2/NDF : 452817.0/27

dit_sam1_4eY_slope vs Slug



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.997 ± 0.005 $\chi^2/\text{NDF}: 78028.3/11$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

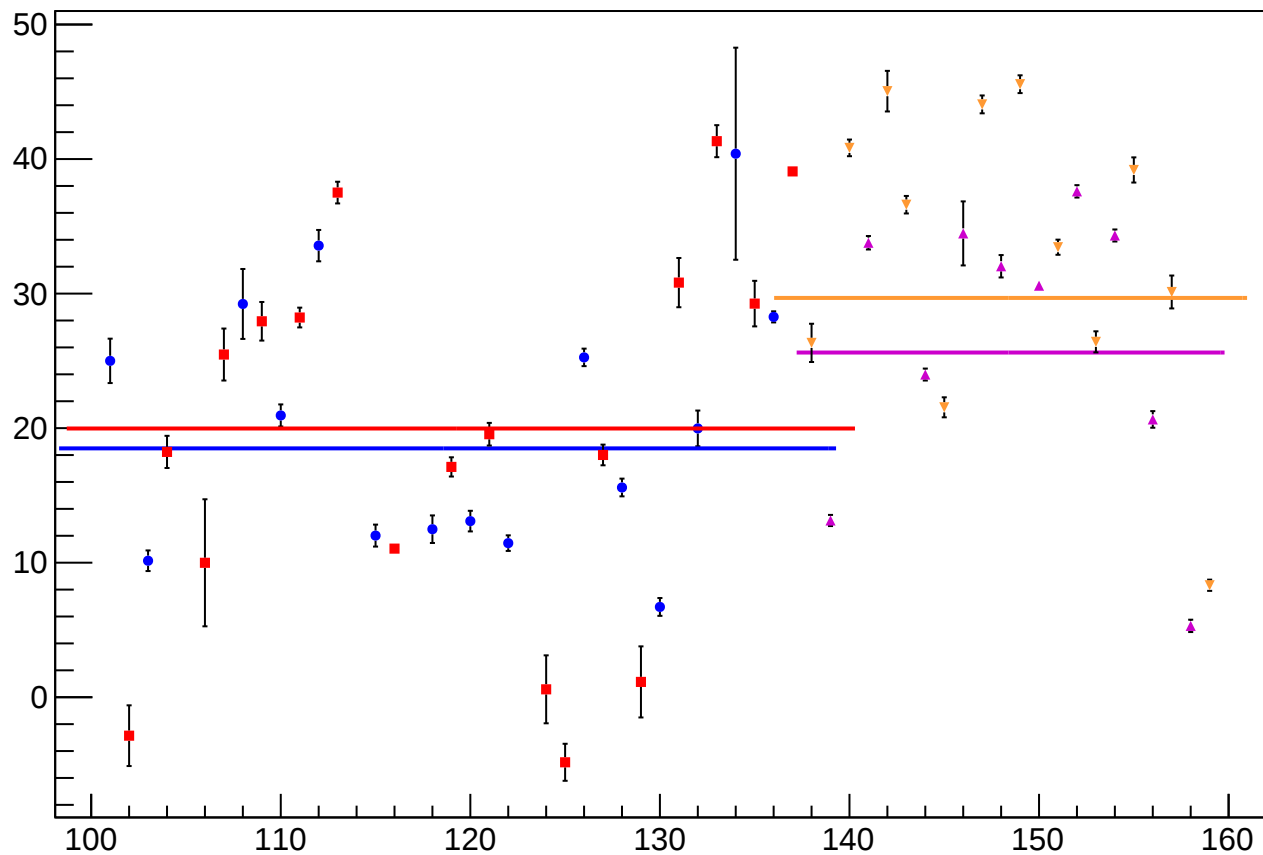
Left In: 7.518 ± 0.004 $\chi^2/\text{NDF}: 97213.7/9$

+ sign 7.457 ± 0.003 $\chi^2/\text{NDF}: 1096866.9/26$

All: 7.483 ± 0.002 $\chi^2/\text{NDF}: 2389722.0/54$

- sign 7.511 ± 0.004 $\chi^2/\text{NDF}: 1292731.5/27$

dit_sam2_4aX_slope vs Slug



Right In: 18.496+/-0.200 χ^2/NDF : 1636.7/14

Left Out: 29.678+/-0.202 χ^2/NDF : 4497.9/11

Right Out: 19.974+/-0.130 χ^2/NDF : 9201.3/17

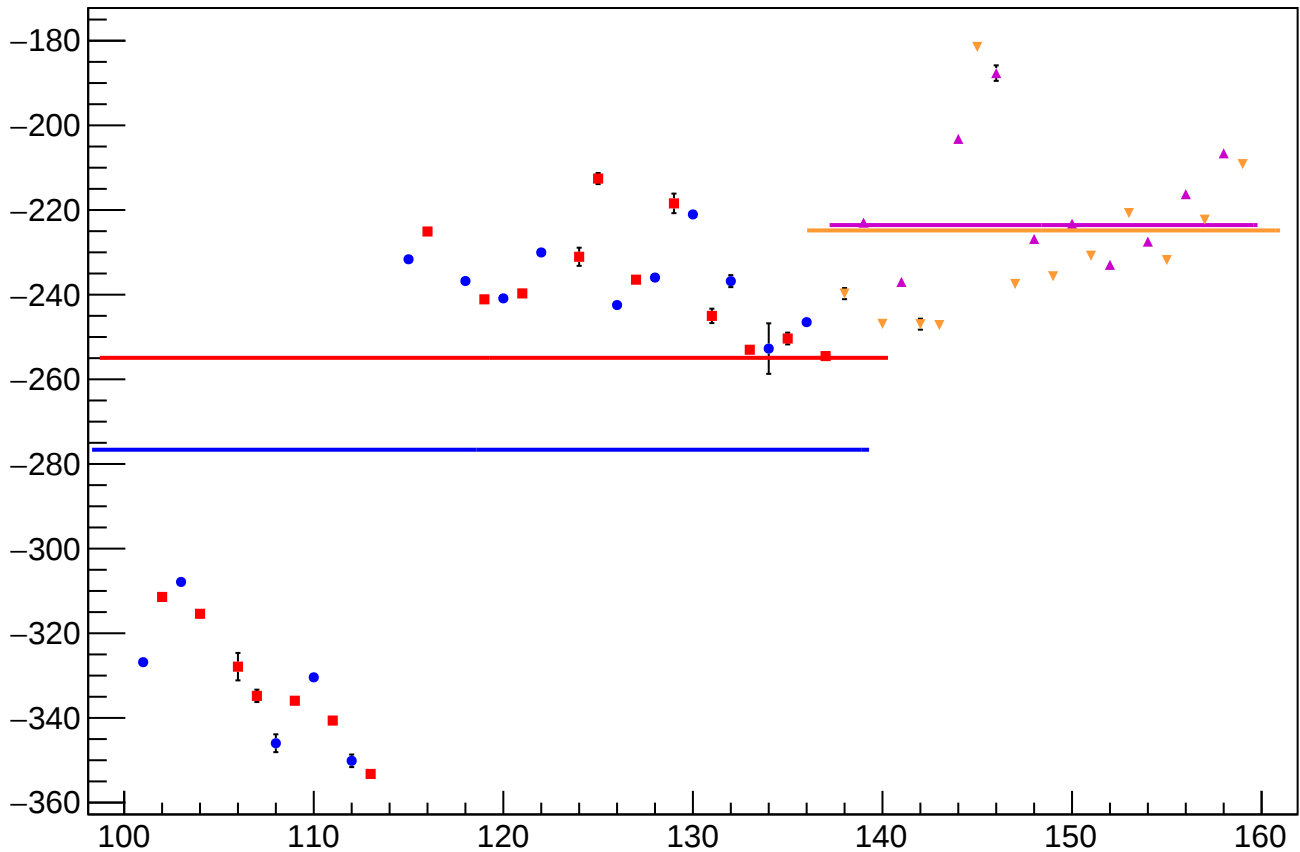
Left In: 25.620+/-0.152 χ^2/NDF : 4573.4/9

+ sign 24.045+/-0.142 χ^2/NDF : 7684.8/26

All: 22.909+/-0.081 χ^2/NDF : 22348.7/54

- sign 22.357+/-0.099 χ^2/NDF : 14568.8/27

dit_sam2_4eX_slope vs Slug



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -224.822 ± 0.162 χ^2/NDF : 13664.2/11

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

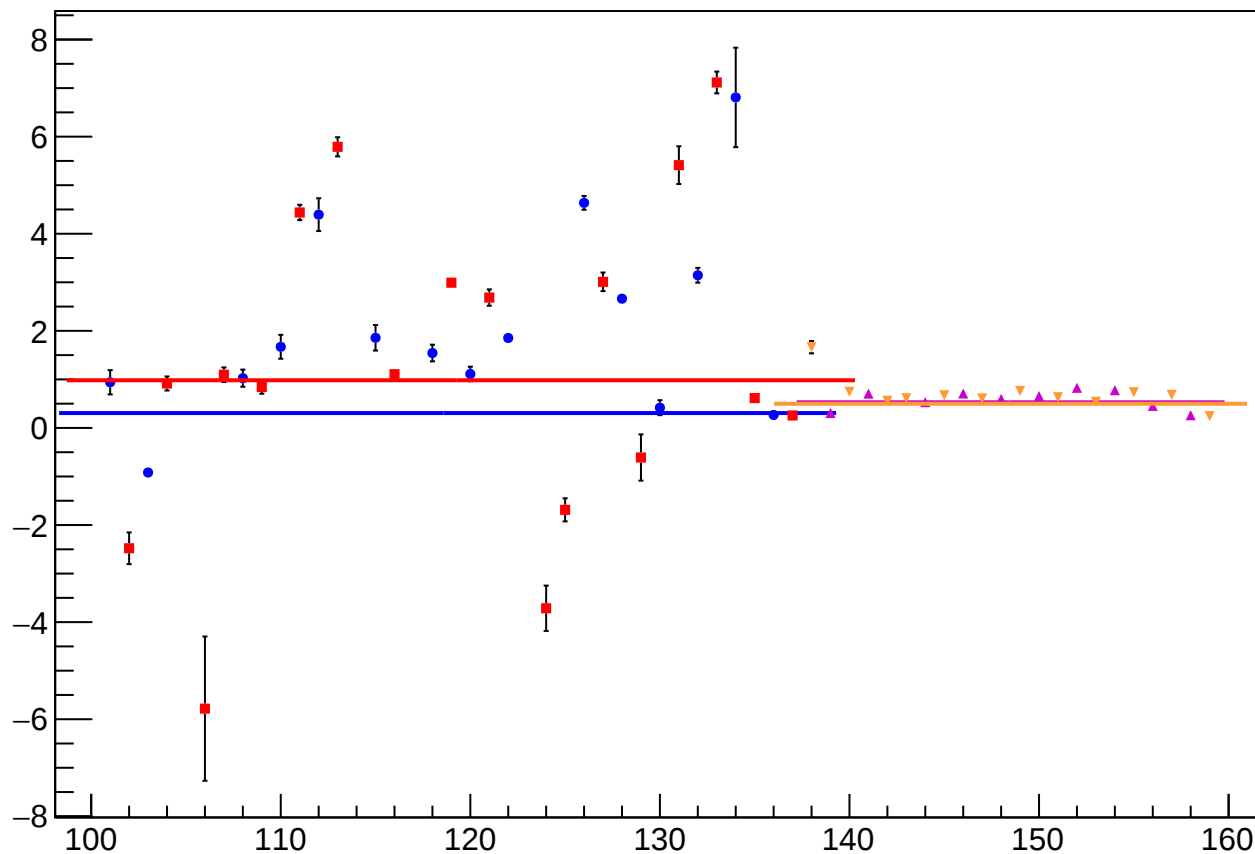
Left In: -223.558 ± 0.133 χ^2/NDF : 4498.7/9

+ sign -253.193 ± 0.109 χ^2/NDF : 146581.0/26

All: -249.219 ± 0.054 χ^2/NDF : 268156.7/54

- sign -247.906 ± 0.063 χ^2/NDF : 119812.8/27

dit_sam2_11X12X_slope vs Slug



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.498 ± 0.002 $\chi^2/\text{NDF}: 7499.6/11$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

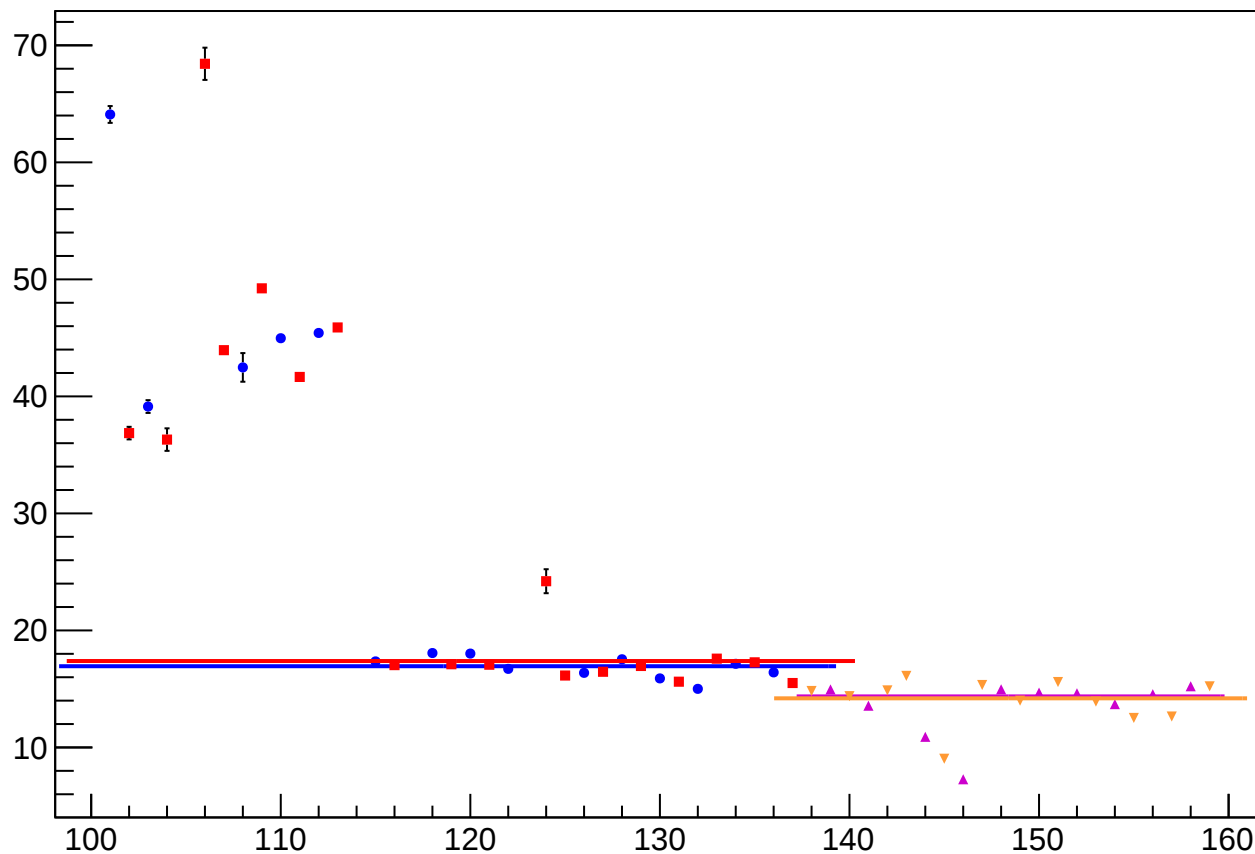
Left In: 0.528 ± 0.002 $\chi^2/\text{NDF}: 11417.1/9$

+ sign 0.474 ± 0.002 $\chi^2/\text{NDF}: 11014.7/26$

All: 0.509 ± 0.002 $\chi^2/\text{NDF}: 27143.6/54$

- sign 0.538 ± 0.002 $\chi^2/\text{NDF}: 15726.9/27$

dit_sam2_4aY_slope vs Slug



Right In: 16.941 $\pm$ 0.013 χ^2 /NDF: 29019.8/14

Left Out: 14.197 $\pm$ 0.010 χ^2 /NDF: 49692.0/11

Right Out: 17.385 $\pm$ 0.018 χ^2 /NDF: 61131.5/17

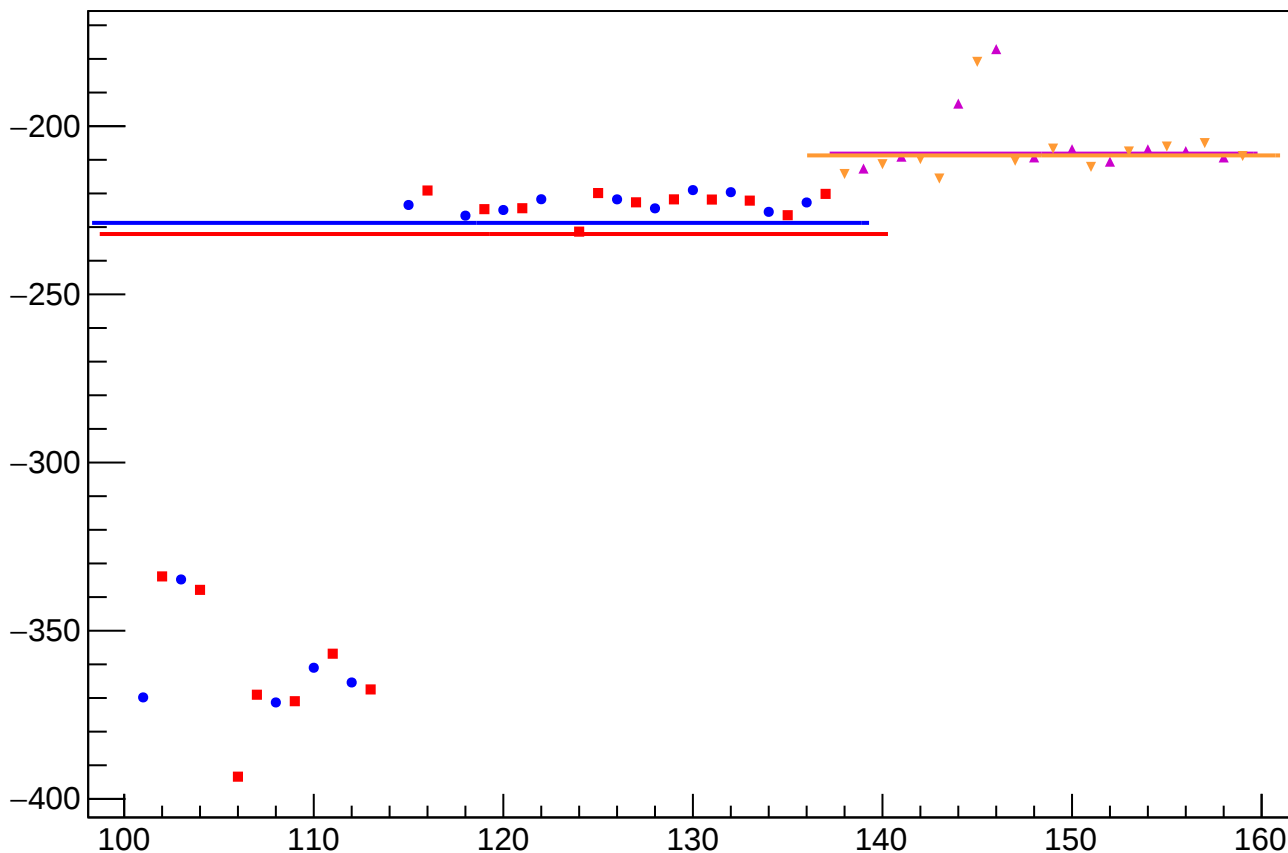
Left In: 14.362 $\pm$ 0.010 χ^2 /NDF: 8090.1/9

+ sign 15.232 $\pm$ 0.008 χ^2 /NDF: 107020.8/26

All: 15.196 $\pm$ 0.006 χ^2 /NDF: 198136.5/54

- sign 15.149 $\pm$ 0.009 χ^2 /NDF: 91067.8/27

dit_sam2_4eY_slope vs Slug



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.690 ± 0.021 $\chi^2/\text{NDF}: 73730.8/11$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

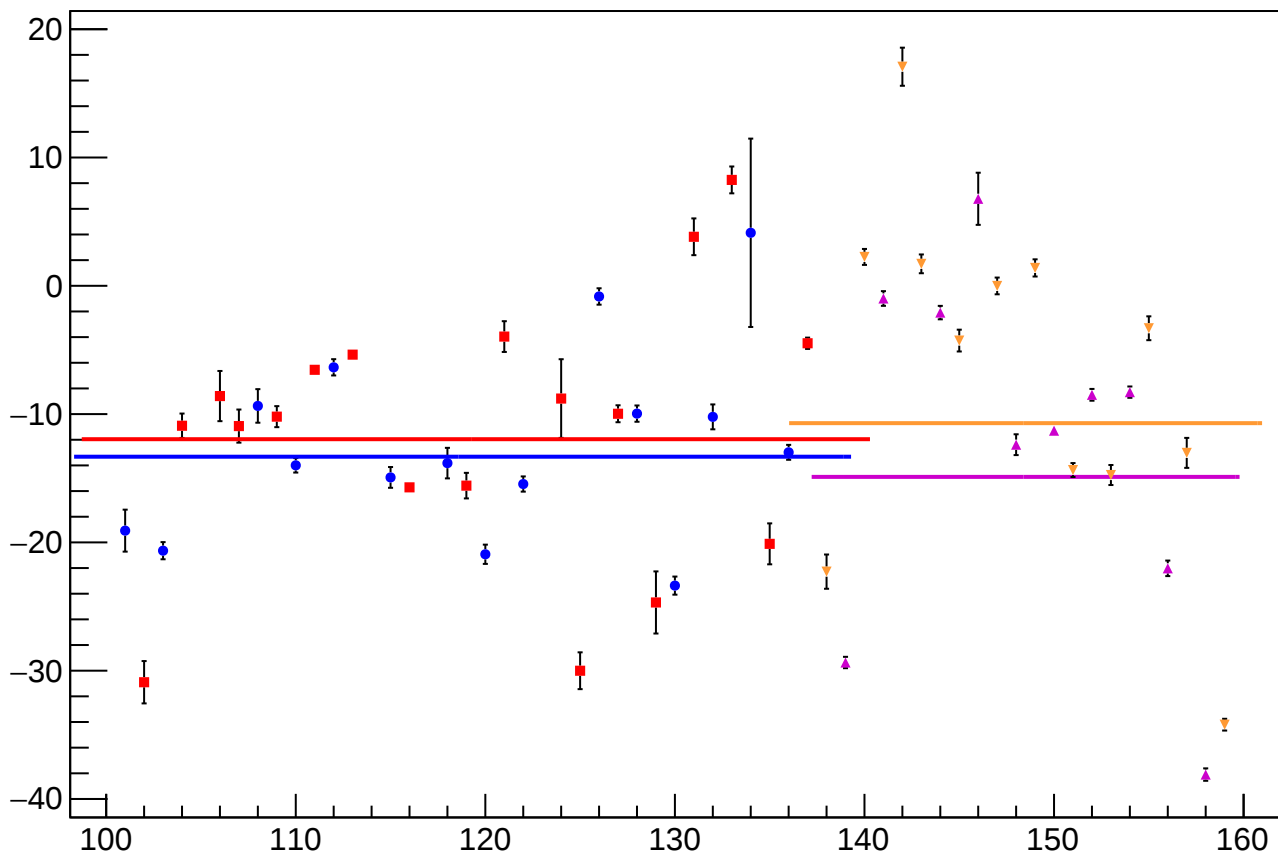
Left In: -208.159 ± 0.019 $\chi^2/\text{NDF}: 14329.3/9$

+ sign -214.080 ± 0.018 $\chi^2/\text{NDF}: 975892.7/26$

All: -213.240 ± 0.013 $\chi^2/\text{NDF}: 2060788.0/54$

- sign -212.445 ± 0.017 $\chi^2/\text{NDF}: 1080645.4/27$

dit_sam3_4aX_slope vs Slug



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -10.706 ± 0.208 $\chi^2/\text{NDF}: 4562.5/11$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

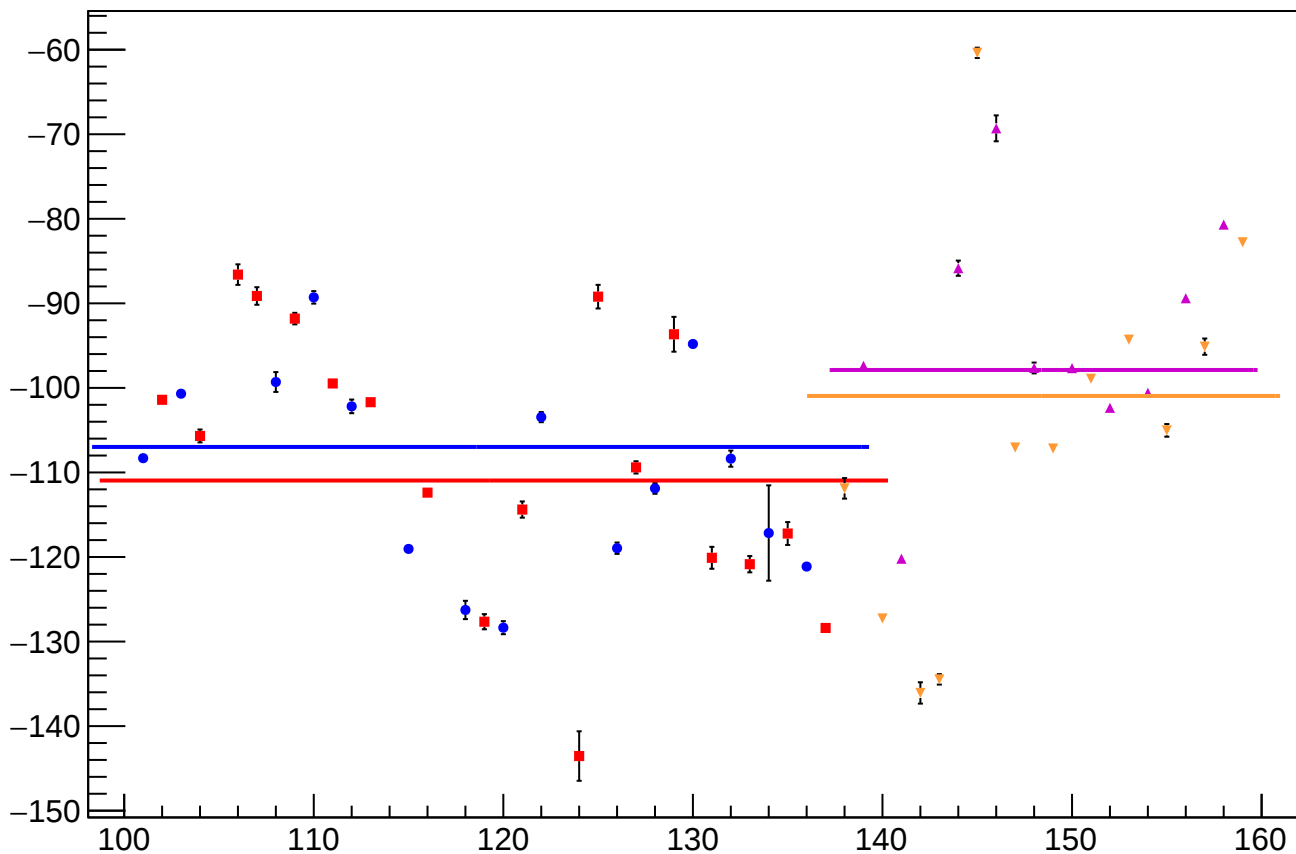
Left In: -14.894 ± 0.161 $\chi^2/\text{NDF}: 5331.3/9$

+ sign -12.107 ± 0.142 $\chi^2/\text{NDF}: 5660.1/26$

All: -12.679 ± 0.077 $\chi^2/\text{NDF}: 13725.3/54$

- sign -12.921 ± 0.092 $\chi^2/\text{NDF}: 8042.0/27$

dit_sam3_4eX_slope vs Slug



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -100.952 ± 0.165 χ^2/NDF : 14017.2/11

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

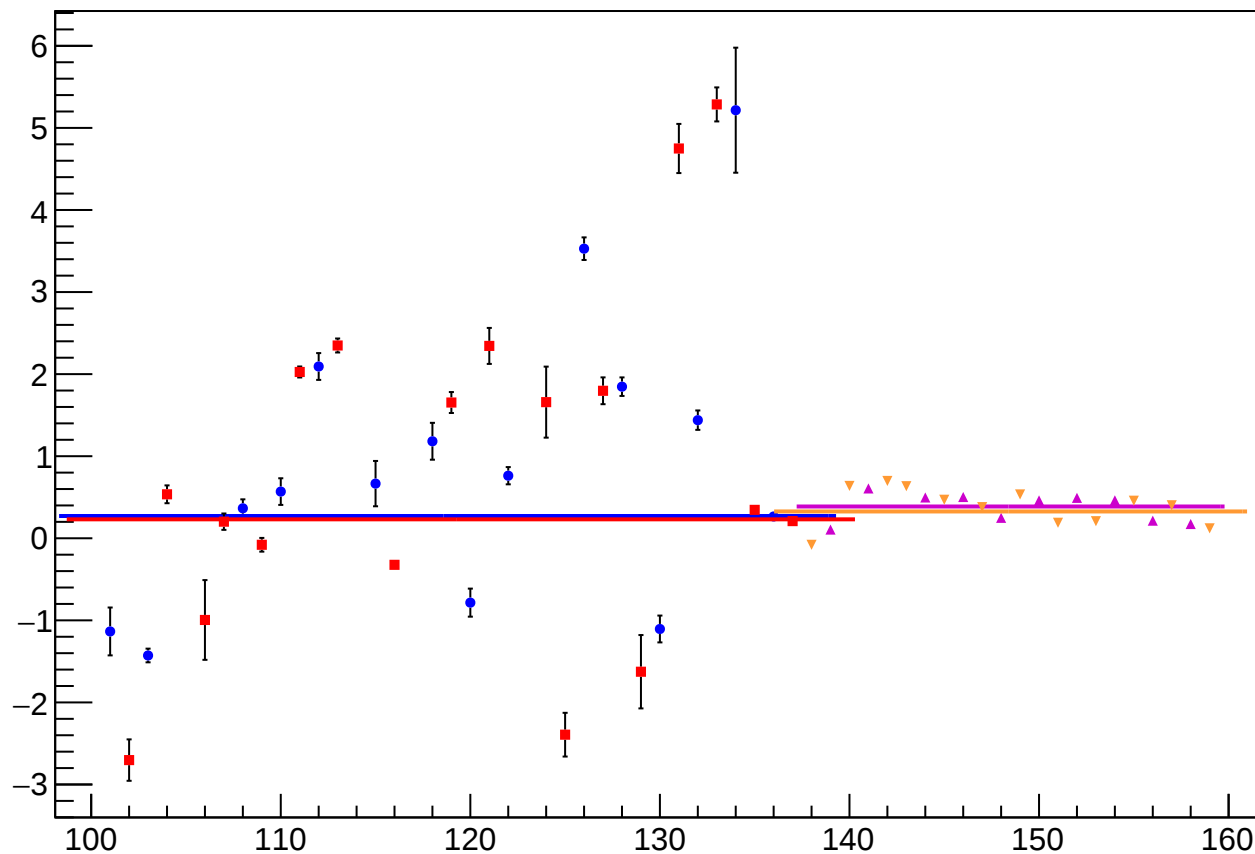
Left In: -97.880 ± 0.136 χ^2/NDF : 4840.0/9

+ sign -105.130 ± 0.092 χ^2/NDF : 19598.4/26

All: -108.499 ± 0.042 χ^2/NDF : 44950.8/54

- sign -109.389 ± 0.047 χ^2/NDF : 23641.2/27

dit_sam3_11X12X_slope vs Slug



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.327 ± 0.003 χ^2/NDF : 6226.0/11

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

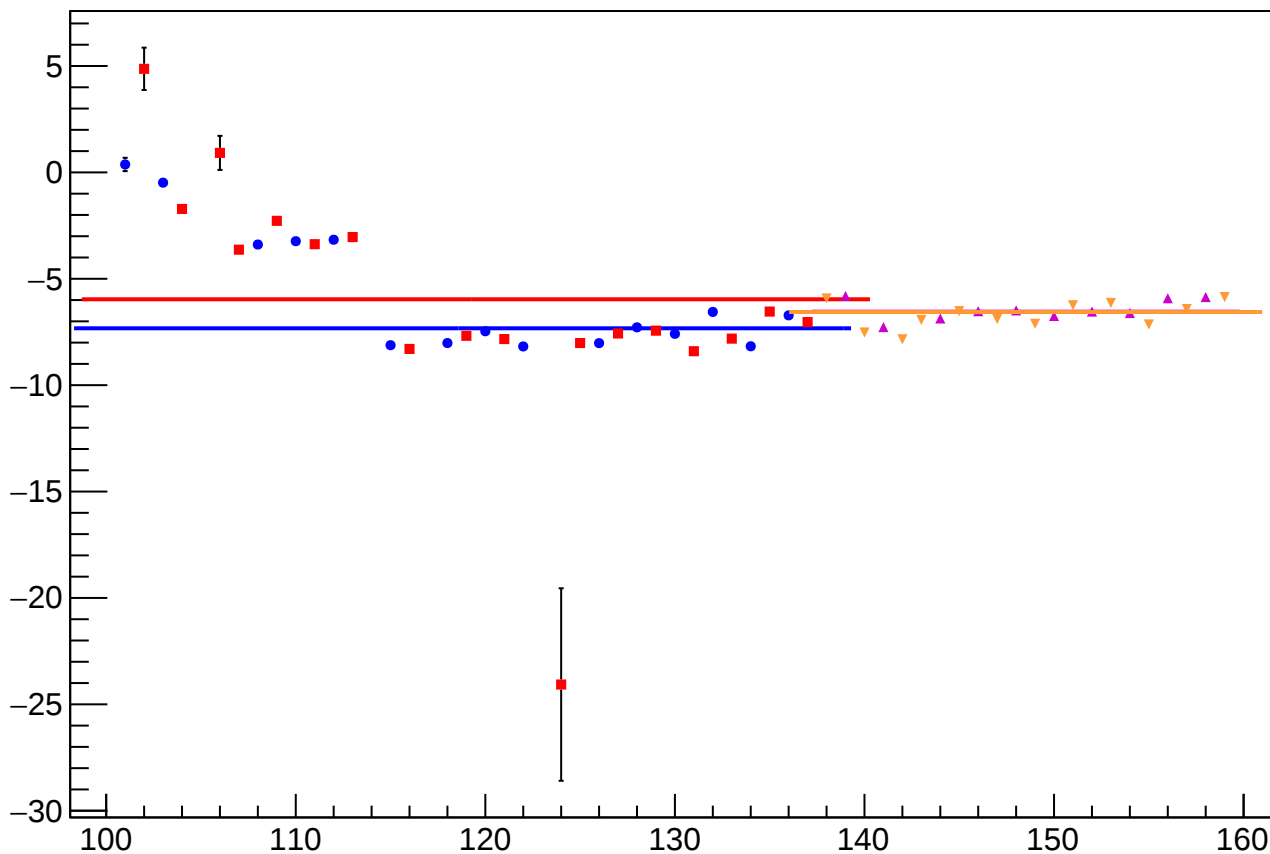
Left In: 0.387 ± 0.002 χ^2/NDF : 6378.3/9

+ sign 0.315 ± 0.002 χ^2/NDF : 7924.4/26

All: 0.339 ± 0.002 χ^2/NDF : 18363.9/54

- sign 0.355 ± 0.002 χ^2/NDF : 10280.6/27

dit_sam3_4aY_slope vs Slug



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14

Left Out: -6.562 ± 0.008 χ^2/NDF : 4486.2/11

Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17

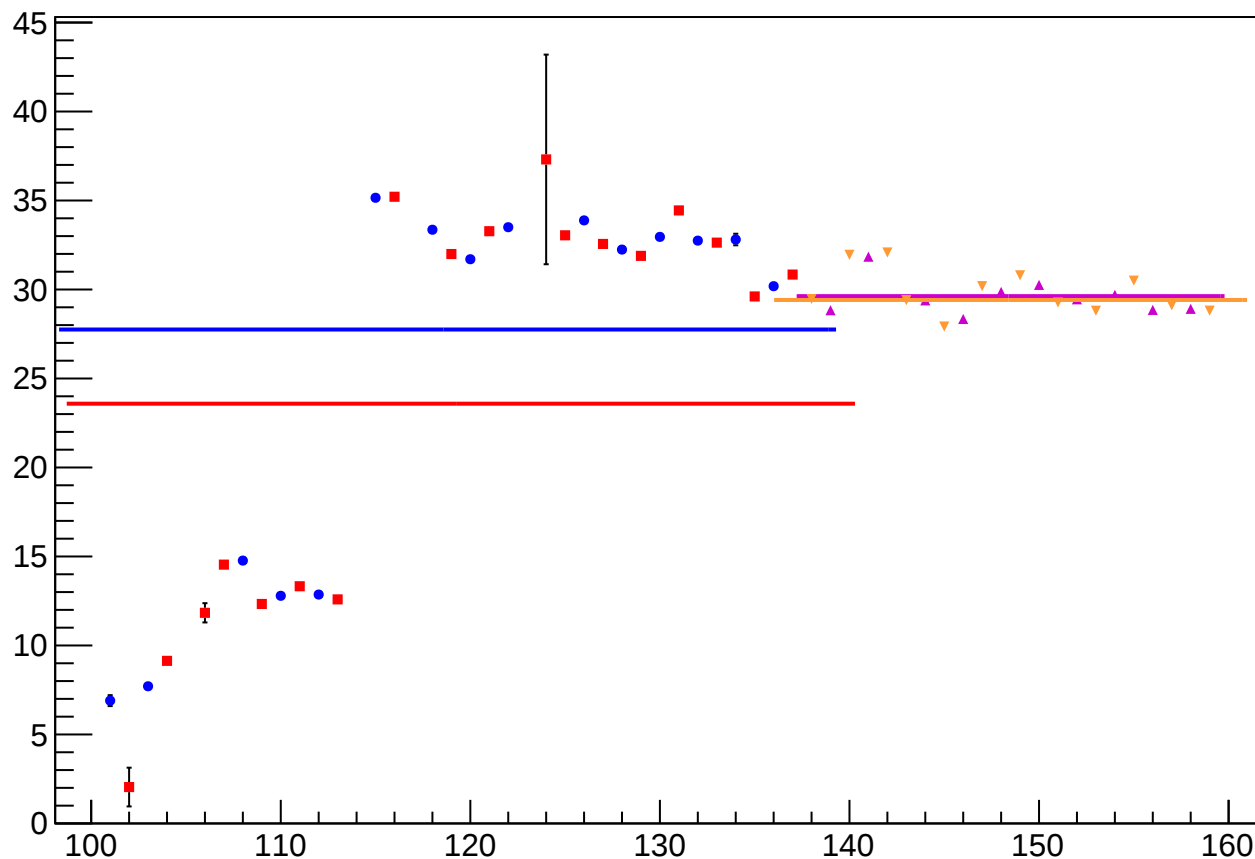
Left In: -6.545 ± 0.007 χ^2/NDF : 4628.2/9

+ sign -6.921 ± 0.006 χ^2/NDF : 39393.0/26

All: -6.604 ± 0.004 χ^2/NDF : 124283.5/54

- sign -6.334 ± 0.005 χ^2/NDF : 79228.1/27

dit_sam3_4eY_slope vs Slug



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.412 $\pm$ 0.013 χ^2 /NDF: 7658.5/11

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

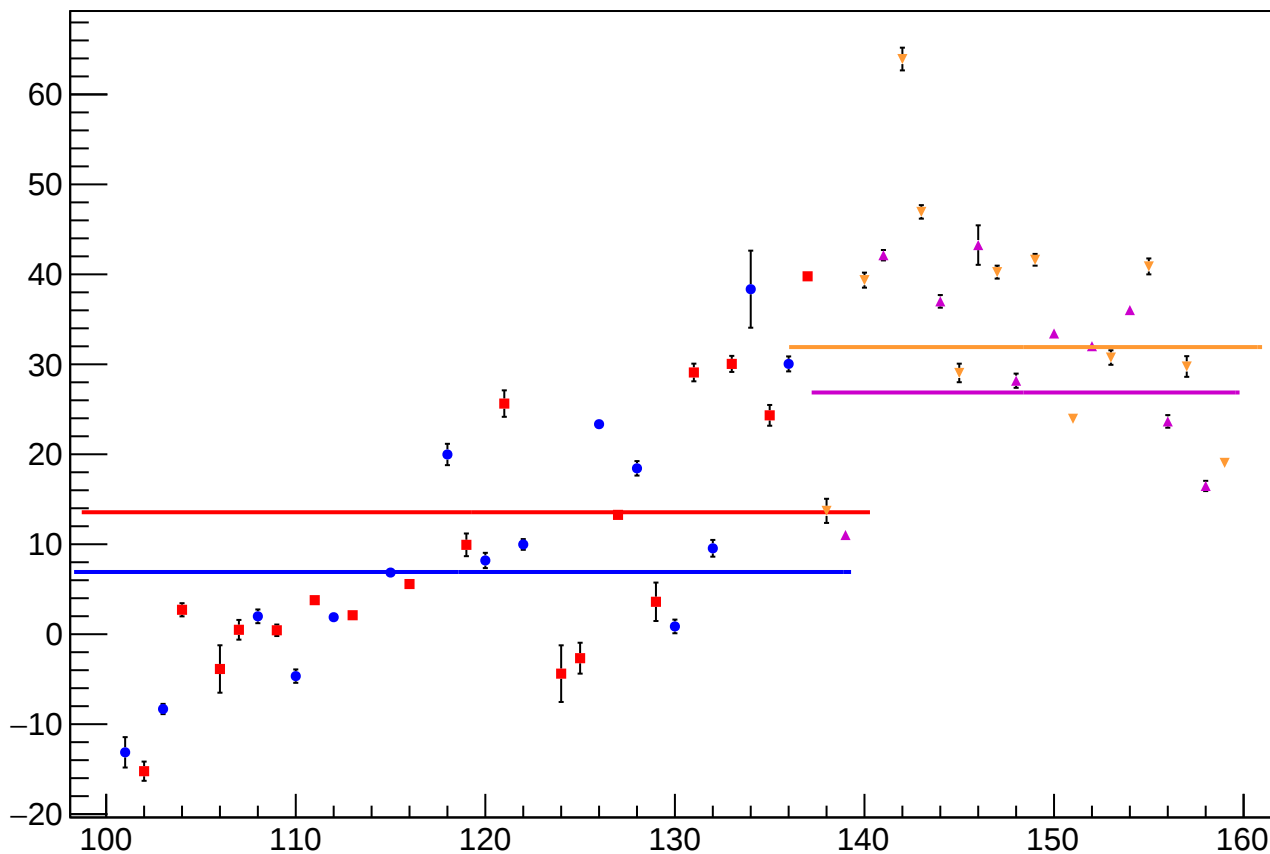
Left In: 29.627 $\pm$ 0.012 χ^2 /NDF: 2765.9/9

+ sign 28.687 $\pm$ 0.010 χ^2 /NDF: 347446.5/26

All: 27.742 $\pm$ 0.007 χ^2 /NDF: 1014422.1/54

- sign 26.944 $\pm$ 0.009 χ^2 /NDF: 650321.6/27

dit_sam4_4aX_slope vs Slug



Right In: 6.916 ± 0.177 χ^2/NDF : 3503.2/14

Left Out: 31.916 ± 0.215 χ^2/NDF : 2802.0/11

Right Out: 13.557 ± 0.145 χ^2/NDF : 11657.2/17

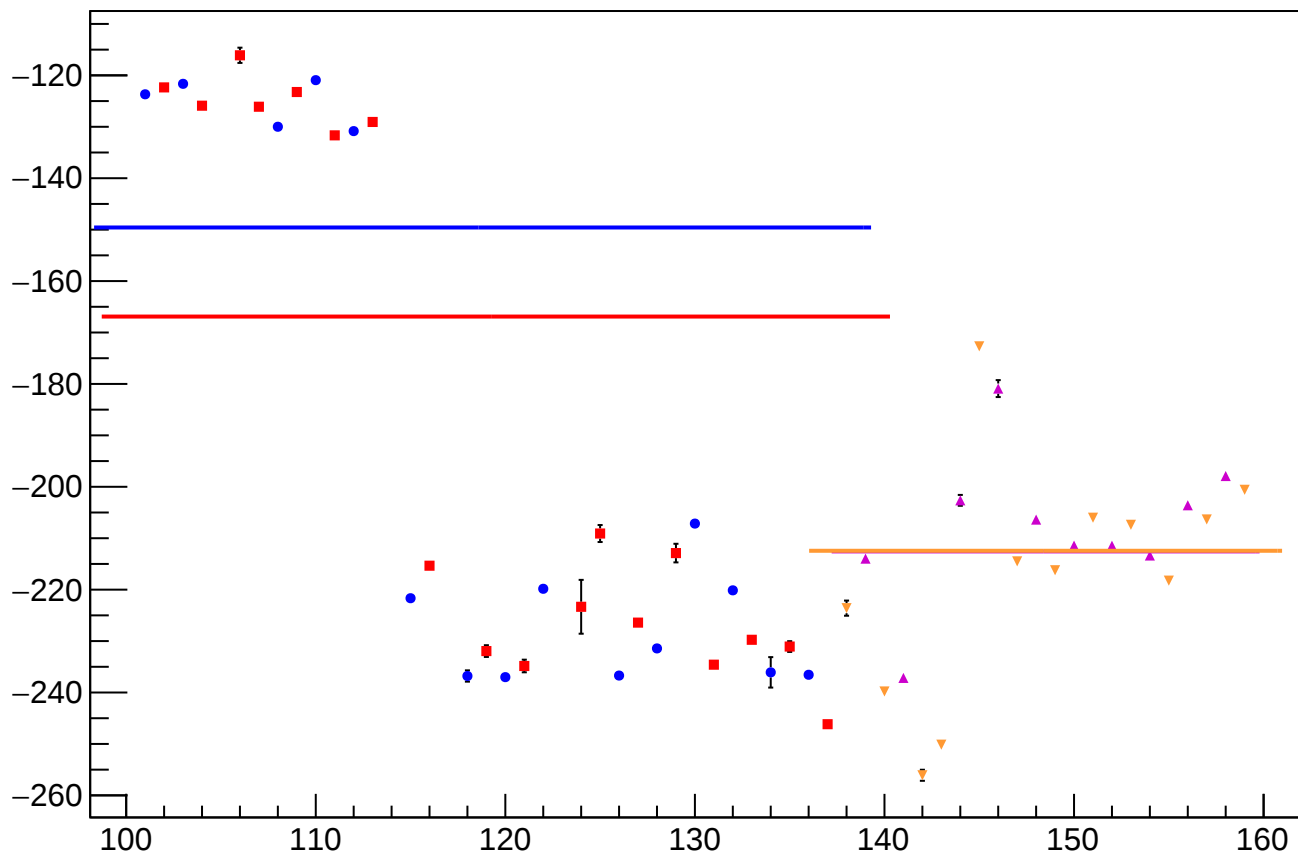
Left In: 26.868 ± 0.161 χ^2/NDF : 4611.7/9

+ sign 16.994 ± 0.136 χ^2/NDF : 14388.6/26

All: 18.553 ± 0.085 χ^2/NDF : 34644.3/54

- sign 19.525 ± 0.108 χ^2/NDF : 20043.8/27

dit_sam4_4eX_slope vs Slug



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -212.441 ± 0.173 χ^2/NDF : 11343.3/11

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

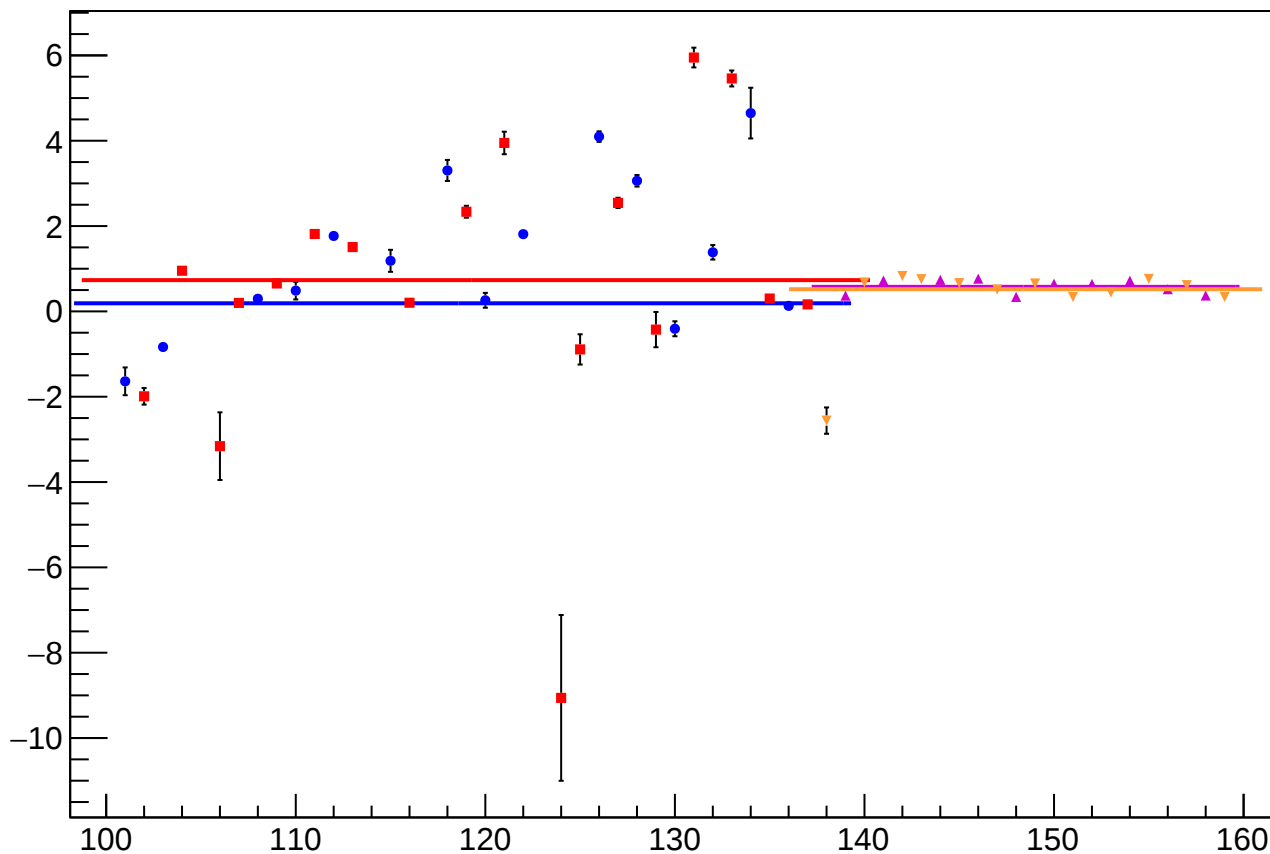
Left In: -212.566 ± 0.135 χ^2/NDF : 4650.2/9

+ sign -165.483 ± 0.087 χ^2/NDF : 304678.0/26

All: -175.082 ± 0.059 χ^2/NDF : 701217.4/54

- sign -183.278 ± 0.081 χ^2/NDF : 374064.1/27

dit_sam4_11X12X_slope vs Slug



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.520 ± 0.003 χ^2/NDF : 2994.6/11

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

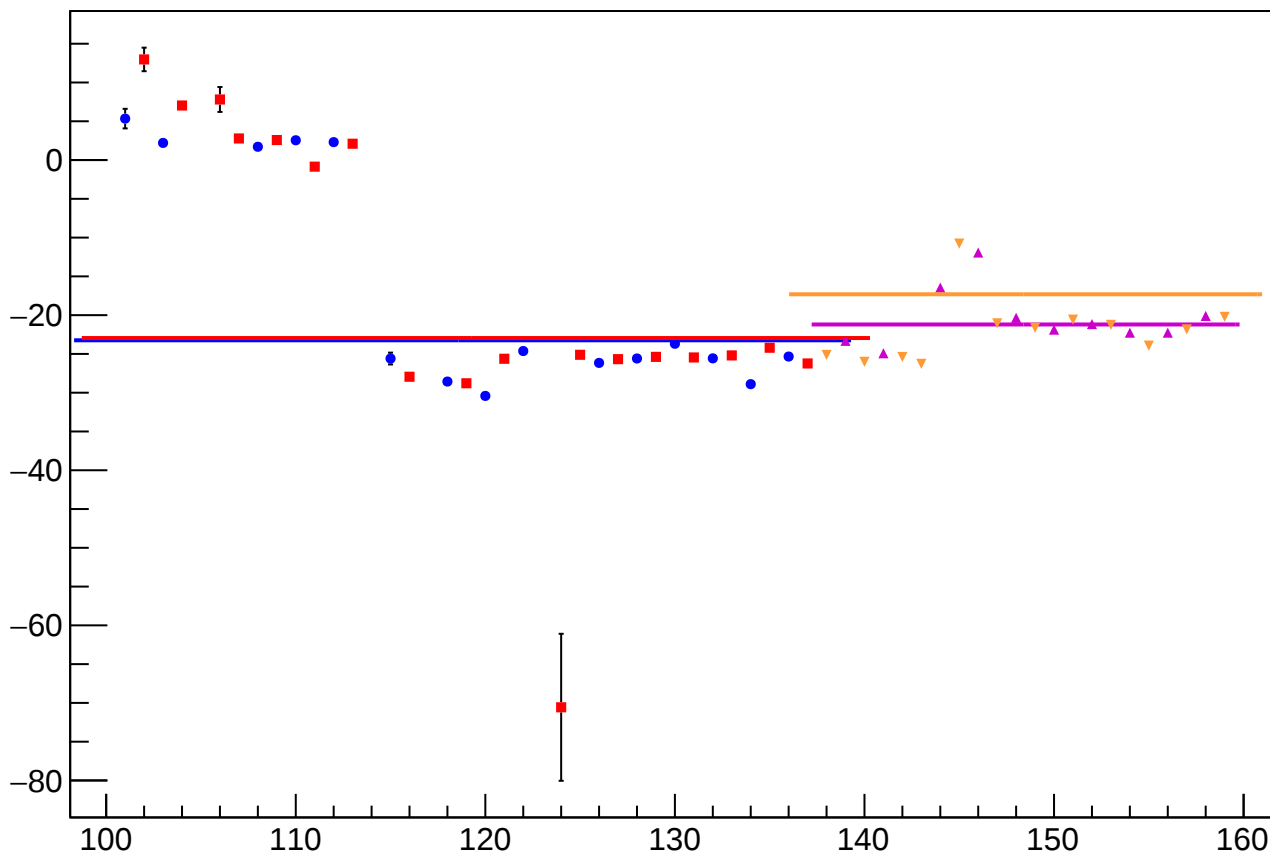
Left In: 0.575 ± 0.003 χ^2/NDF : 2651.0/9

+ sign 0.478 ± 0.003 χ^2/NDF : 7004.9/26

All: 0.531 ± 0.002 χ^2/NDF : 12953.6/54

- sign 0.579 ± 0.003 χ^2/NDF : 5380.0/27

dit_sam4_4aY_slope vs Slug



Right In: -23.241 ± 0.025 χ^2/NDF : 103102.8/14

Left Out: -17.308 ± 0.017 χ^2/NDF : 118046.5/11

Right Out: -22.951 ± 0.025 χ^2/NDF : 108039.1/17

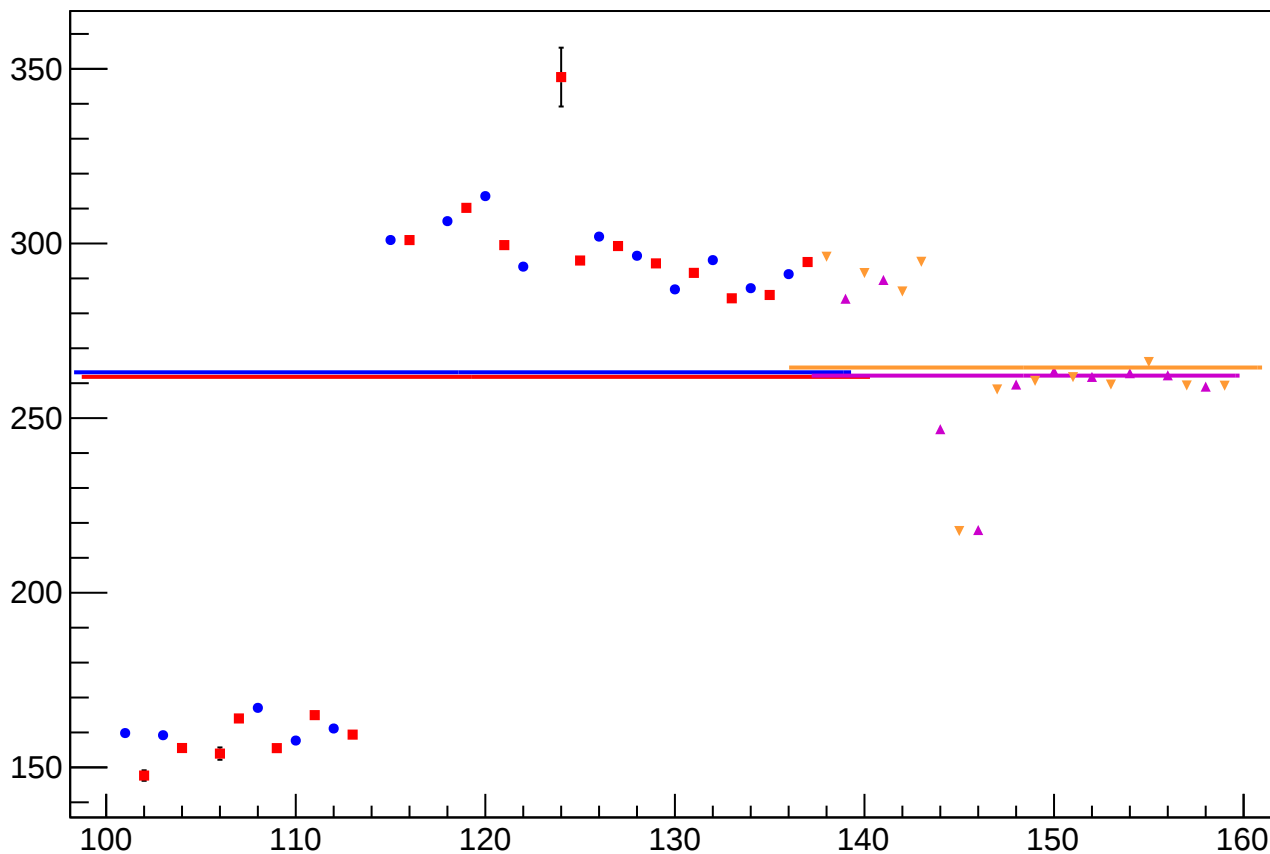
Left In: -21.202 ± 0.019 χ^2/NDF : 9376.5/9

+ sign -19.158 ± 0.014 χ^2/NDF : 260654.7/26

All: -20.388 ± 0.010 χ^2/NDF : 398576.0/54

- sign -21.857 ± 0.015 χ^2/NDF : 120554.2/27

dit_sam4_4eY_slope vs Slug



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 264.489+/-0.040 χ^2/NDF : 191926.1/11

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

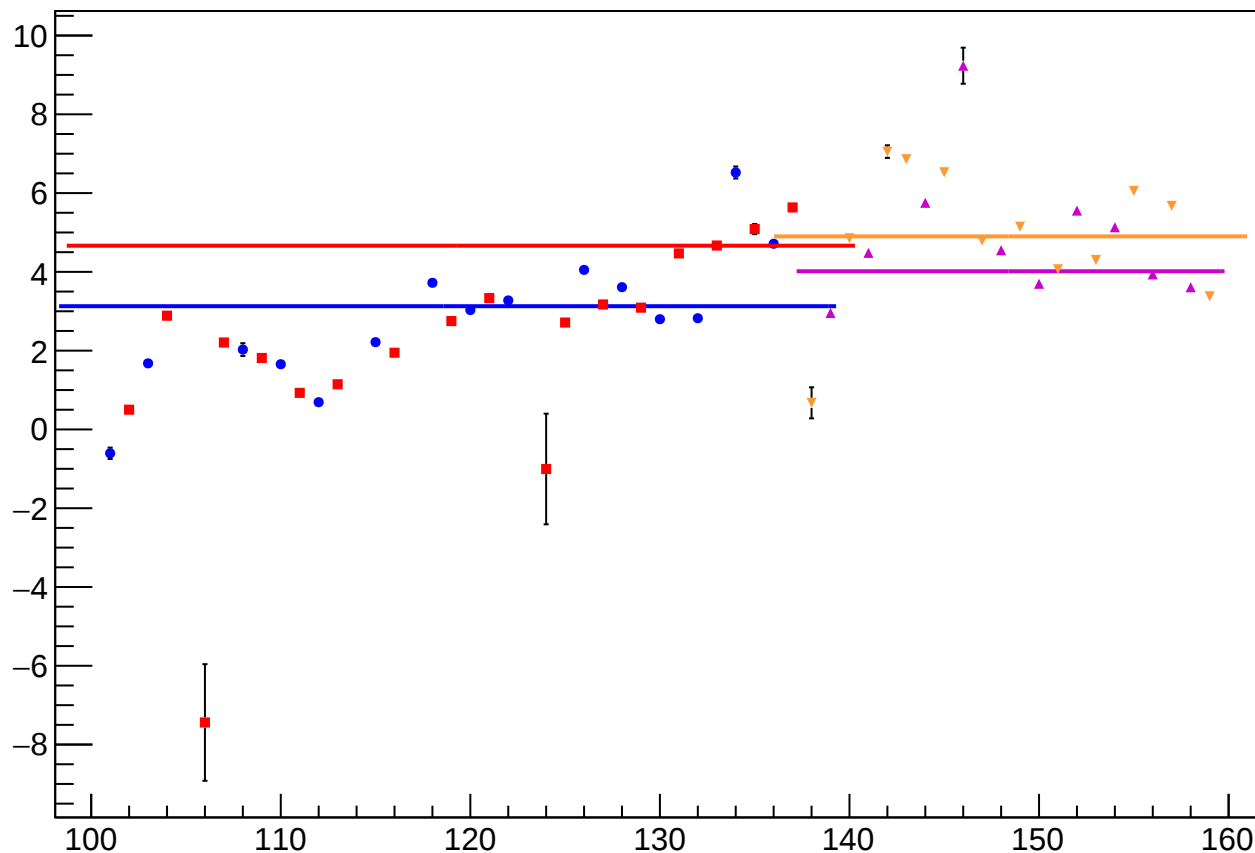
Left In: 262.170+/-0.037 χ^2/NDF : 35682.4/9

+ sign 264.141+/-0.035 χ^2/NDF : 885104.3/26

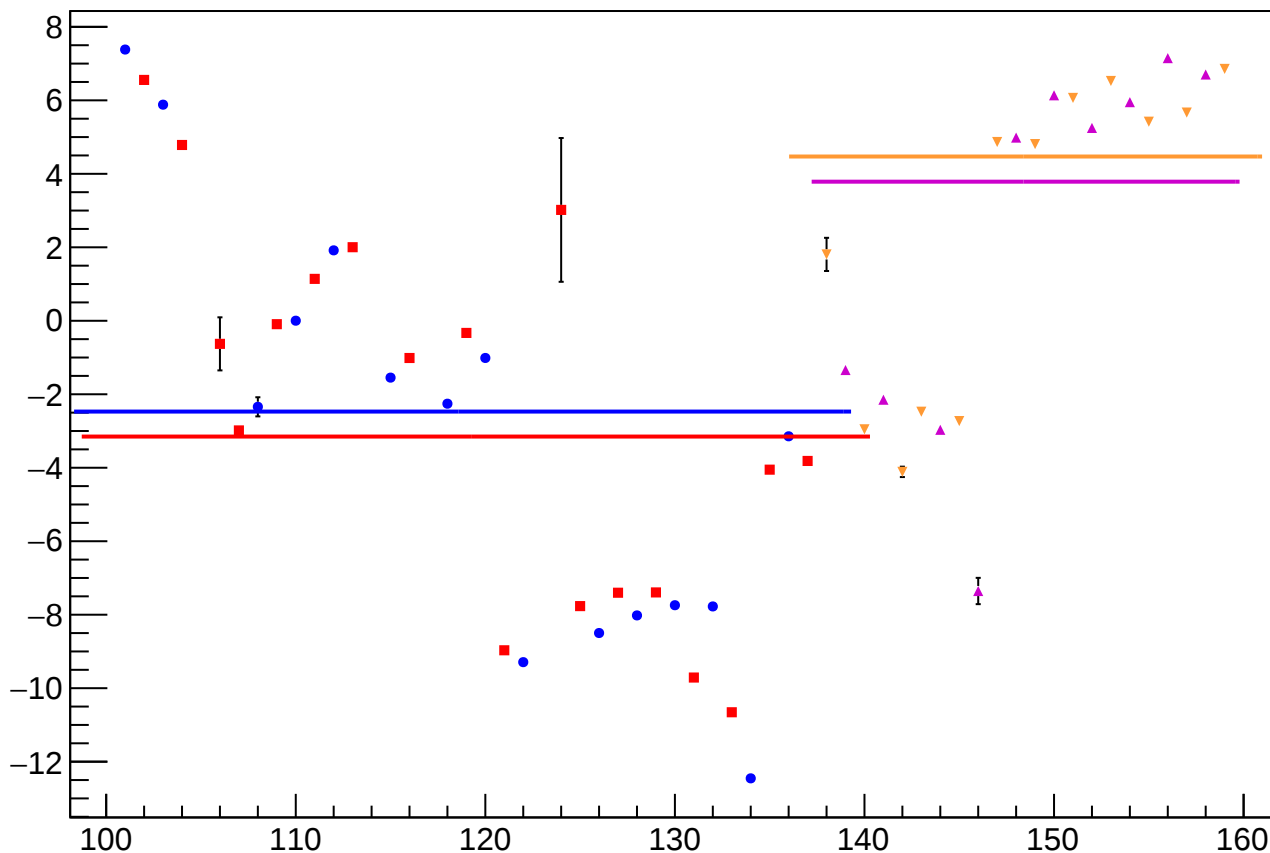
All: 263.008+/-0.023 χ^2/NDF : 1928935.1/54

- sign 262.072+/-0.032 χ^2/NDF : 1041897.2/27

dit_sam5_4aX_slope vs Slug



dit_sam5_4eX_slope vs Slug



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 4.471 ± 0.014 χ^2/NDF : 37205.4/11

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

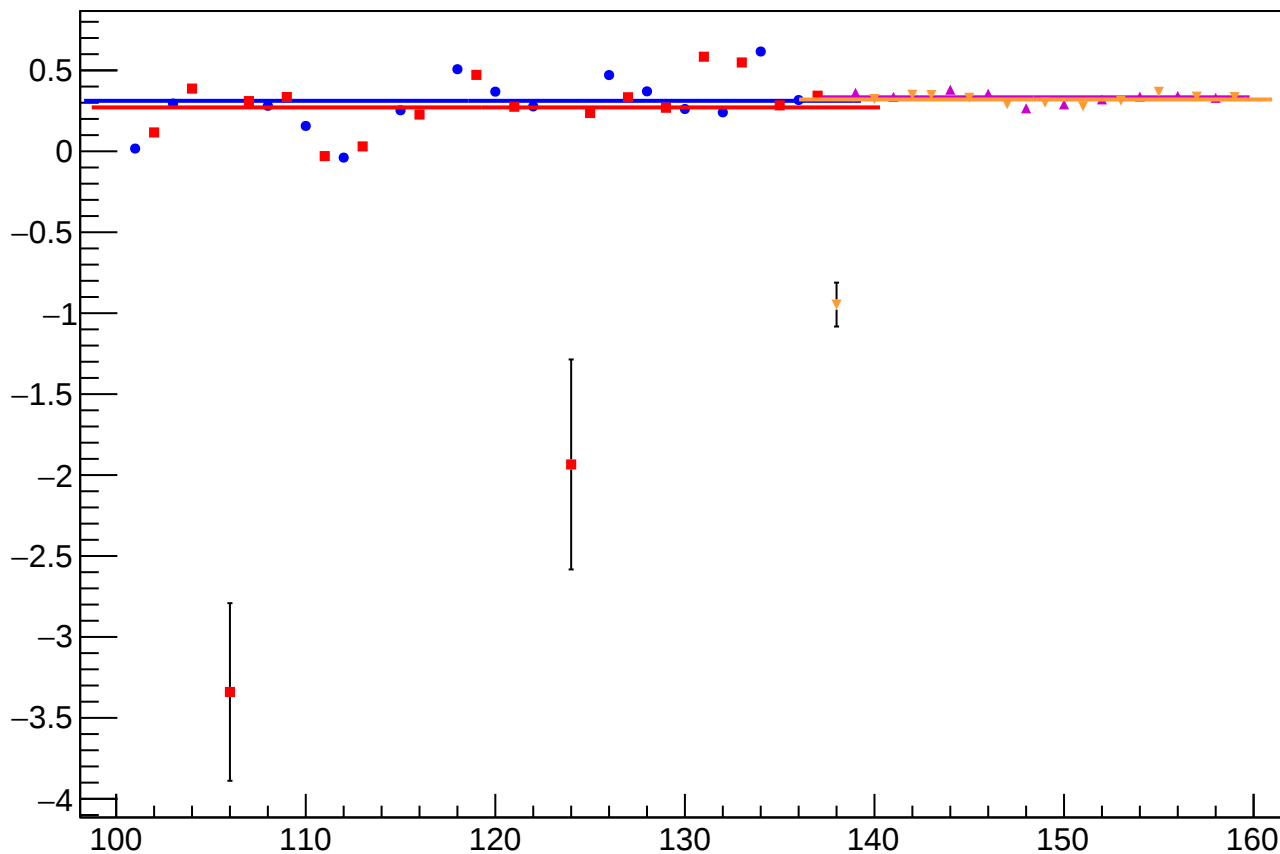
Left In: 3.786 ± 0.015 χ^2/NDF : 58934.5/9

+ sign 0.945 ± 0.010 χ^2/NDF : 398994.7/26

All: -0.972 ± 0.006 χ^2/NDF : 924962.5/54

- sign -1.820 ± 0.007 χ^2/NDF : 473472.1/27

dit_sam5_11X12X_slope vs Slug



Right In: 0.312 ± 0.001 χ^2/NDF : 1319.2/14

Left Out: 0.320 ± 0.001 χ^2/NDF : 1217.2/11

Right Out: 0.271 ± 0.002 χ^2/NDF : 6144.7/17

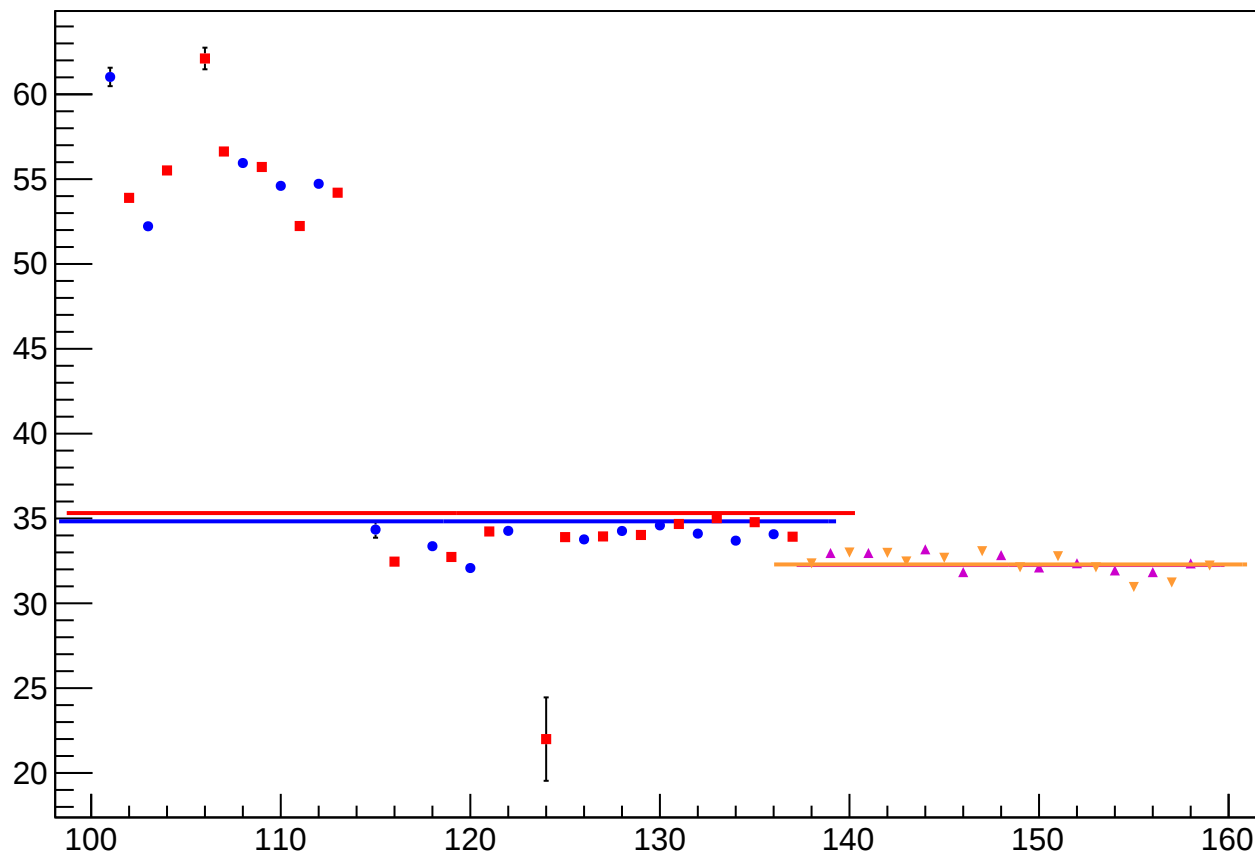
Left In: 0.333 ± 0.001 χ^2/NDF : 1941.7/9

+ sign 0.318 ± 0.001 χ^2/NDF : 2567.2/26

All: 0.322 ± 0.000 χ^2/NDF : 11495.4/54

- sign 0.326 ± 0.001 χ^2/NDF : 8856.2/27

dit_sam5_4aY_slope vs Slug



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.290 $\pm$ 0.005 χ^2 /NDF:3268.0/11

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

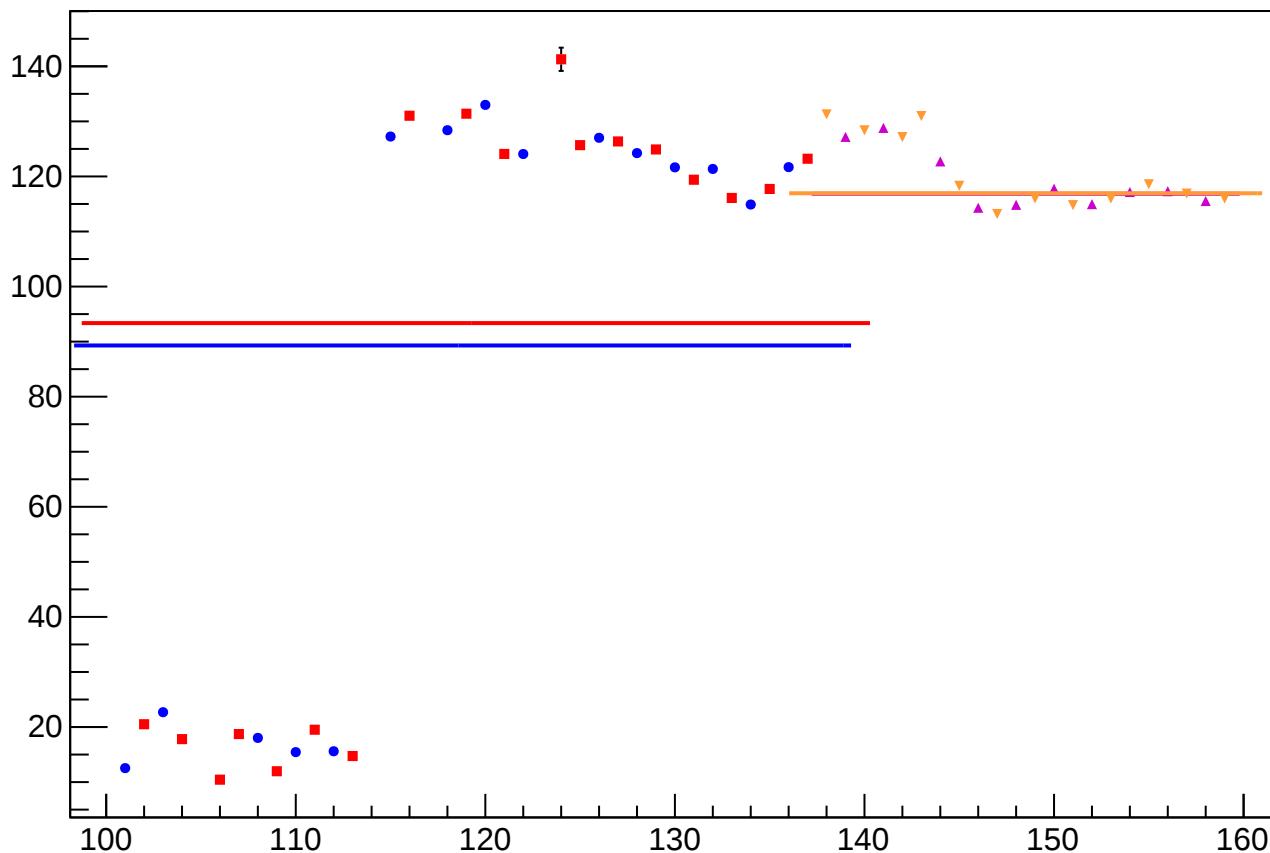
Left In: 32.256 $\pm$ 0.005 χ^2 /NDF:4747.9/9

+ sign 33.002 $\pm$ 0.005 χ^2 /NDF: 311422.3/26

All: 32.918 $\pm$ 0.003 χ^2 /NDF: 654934.5/54

- sign 32.841 $\pm$ 0.004 χ^2 /NDF: 342863.4/27

dit_sam5_4eY_slope vs Slug



Right In: 89.302+/-0.027 χ^2 /NDF: 3034485.1/14

Left Out: 116.944+/-0.010 χ^2 /NDF:118059.1/11

Right Out: 93.367+/-0.030 χ^2 /NDF: 2852493.6/17

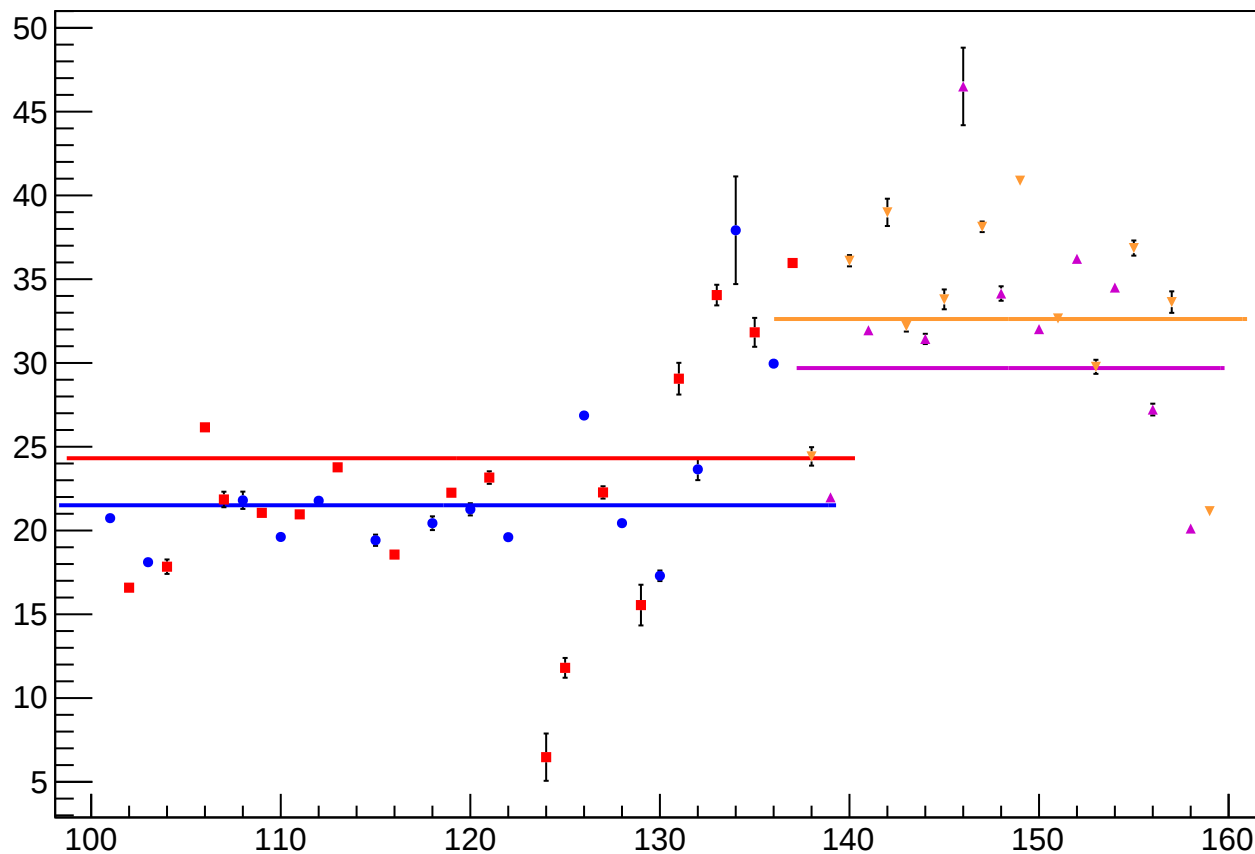
Left In: 116.850+/-0.010 χ^2 /NDF:41206.3/9

+ sign 113.495+/-0.010 χ^2 /NDF: 4040848.5/26

All: 114.025+/-0.007 χ^2 /NDF: 7494592.1/54

- sign 114.526+/-0.009 χ^2 /NDF: 3447930.6/27

dit_sam6_4aX_slope vs Slug



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 32.623 $\pm$ 0.105 χ^2 /NDF: 3546.6/11

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

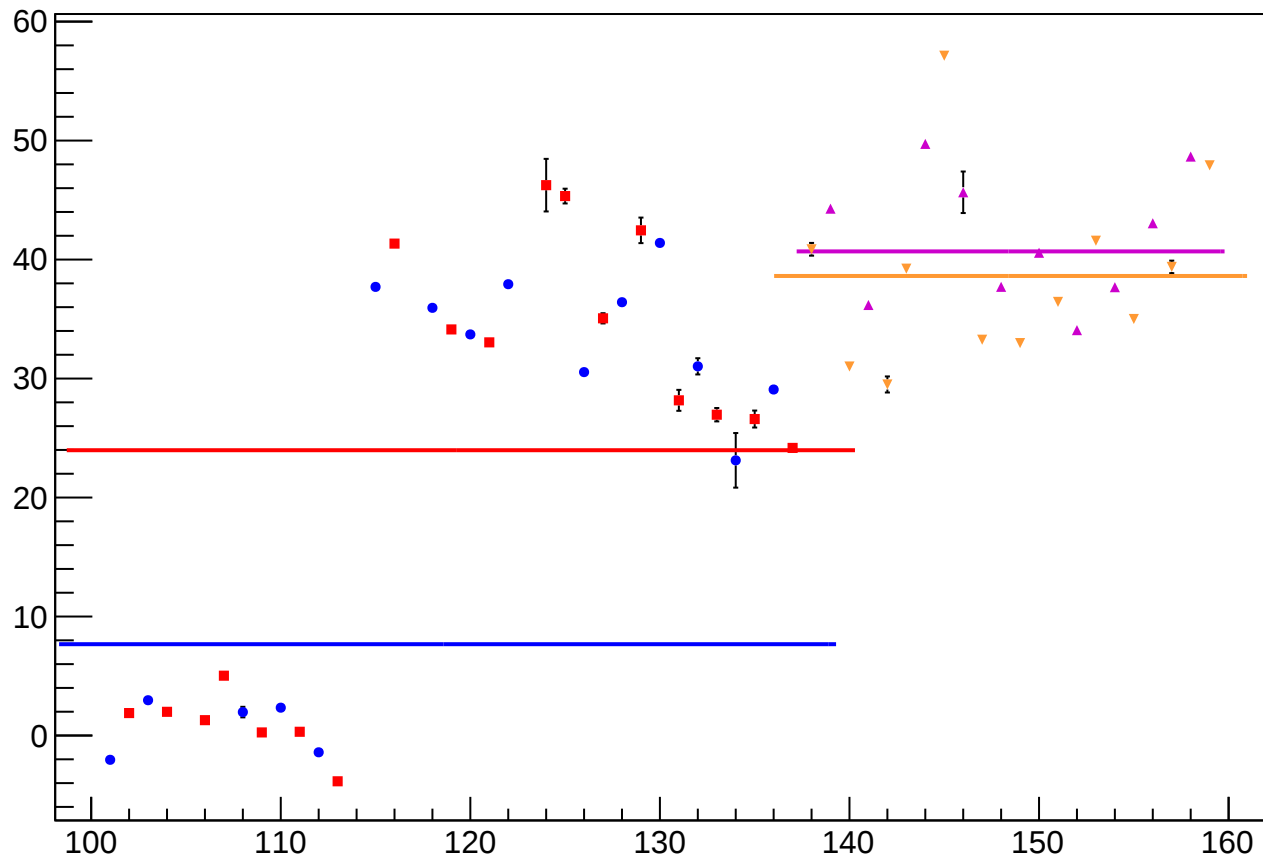
Left In: 29.696 $\pm$ 0.085 χ^2 /NDF: 4047.9/9

+ sign 25.081 $\pm$ 0.060 χ^2 /NDF: 14105.7/26

All: 25.656 $\pm$ 0.037 χ^2 /NDF: 35309.1/54

- sign 26.033 $\pm$ 0.048 χ^2 /NDF: 21049.2/27

dit_sam6_4eX_slope vs Slug



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 38.621 ± 0.085 χ^2/NDF : 6143.3/11

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

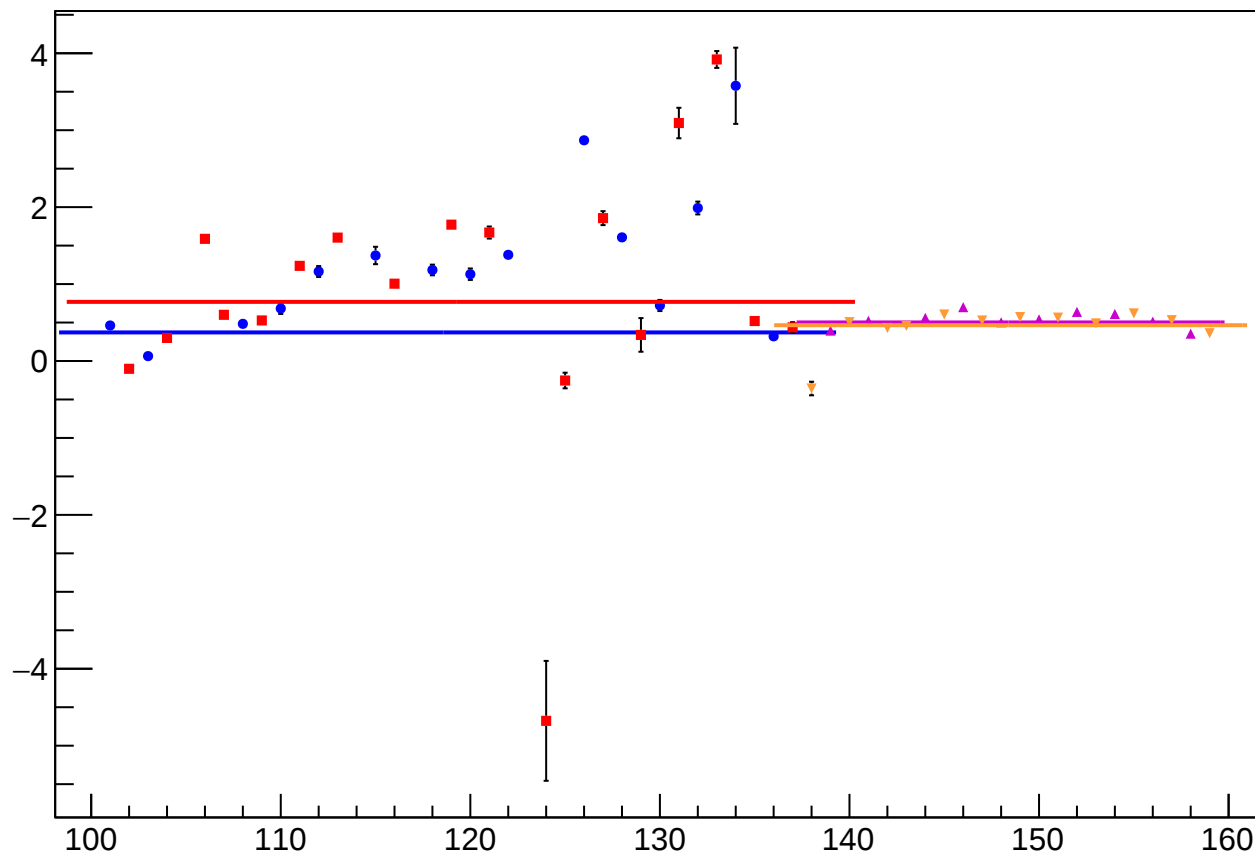
Left In: 40.686 ± 0.071 χ^2/NDF : 3611.2/9

+ sign 14.457 ± 0.040 χ^2/NDF : 205159.0/26

All: 23.808 ± 0.008 χ^2/NDF : 430455.3/54

- sign 24.194 ± 0.008 χ^2/NDF : 168315.7/27

dit_sam6_11X12X_slope vs Slug



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.465 ± 0.001 χ^2/NDF : 4630.2/11

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

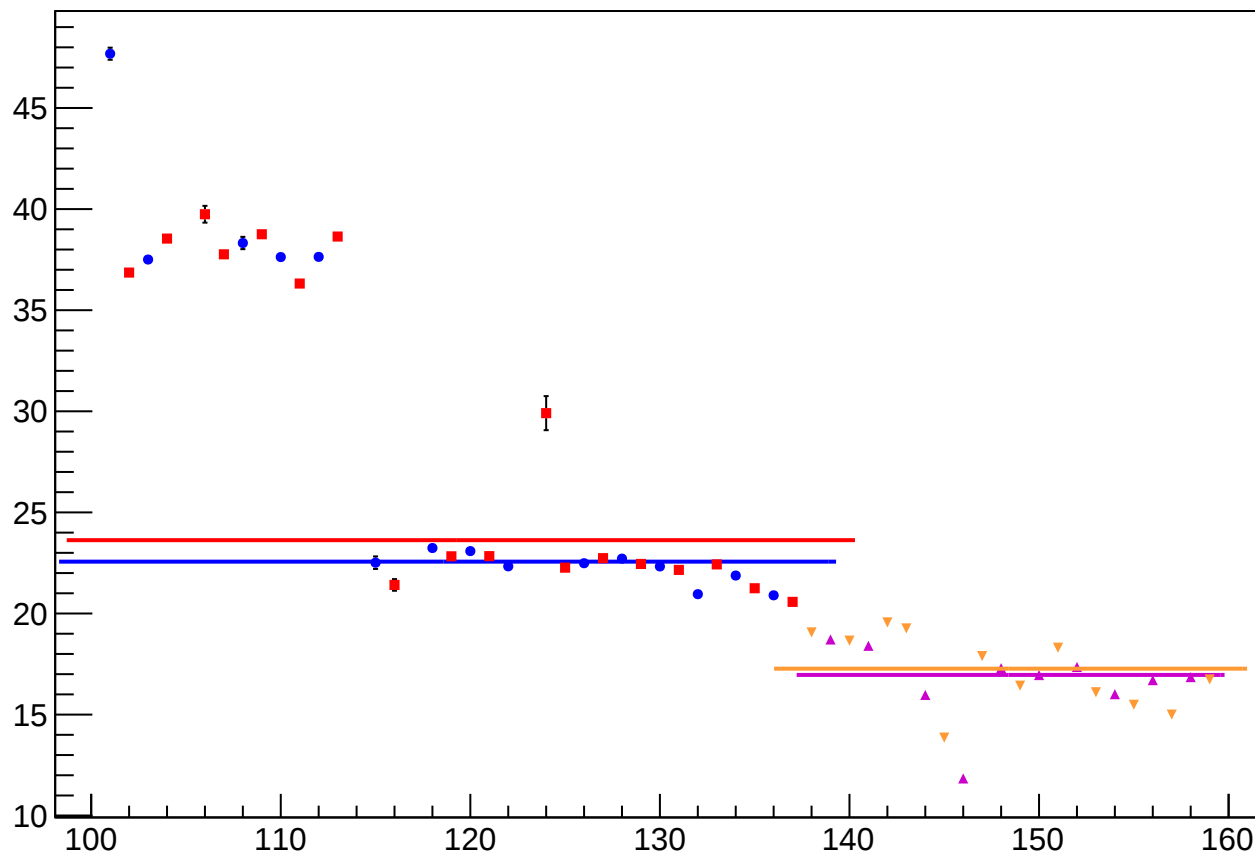
Left In: 0.501 ± 0.001 χ^2/NDF : 6132.6/9

+ sign 0.457 ± 0.001 χ^2/NDF : 9798.1/26

All: 0.483 ± 0.001 χ^2/NDF : 22351.7/54

- sign 0.511 ± 0.001 χ^2/NDF : 11702.1/27

dit_sam6_4aY_slope vs Slug



Right In: 22.565 ± 0.010 χ^2/NDF : 92859.1/14

Left Out: 17.271 ± 0.008 χ^2/NDF : 44197.7/11

Right Out: 23.627 ± 0.011 χ^2/NDF : 123194.1/17

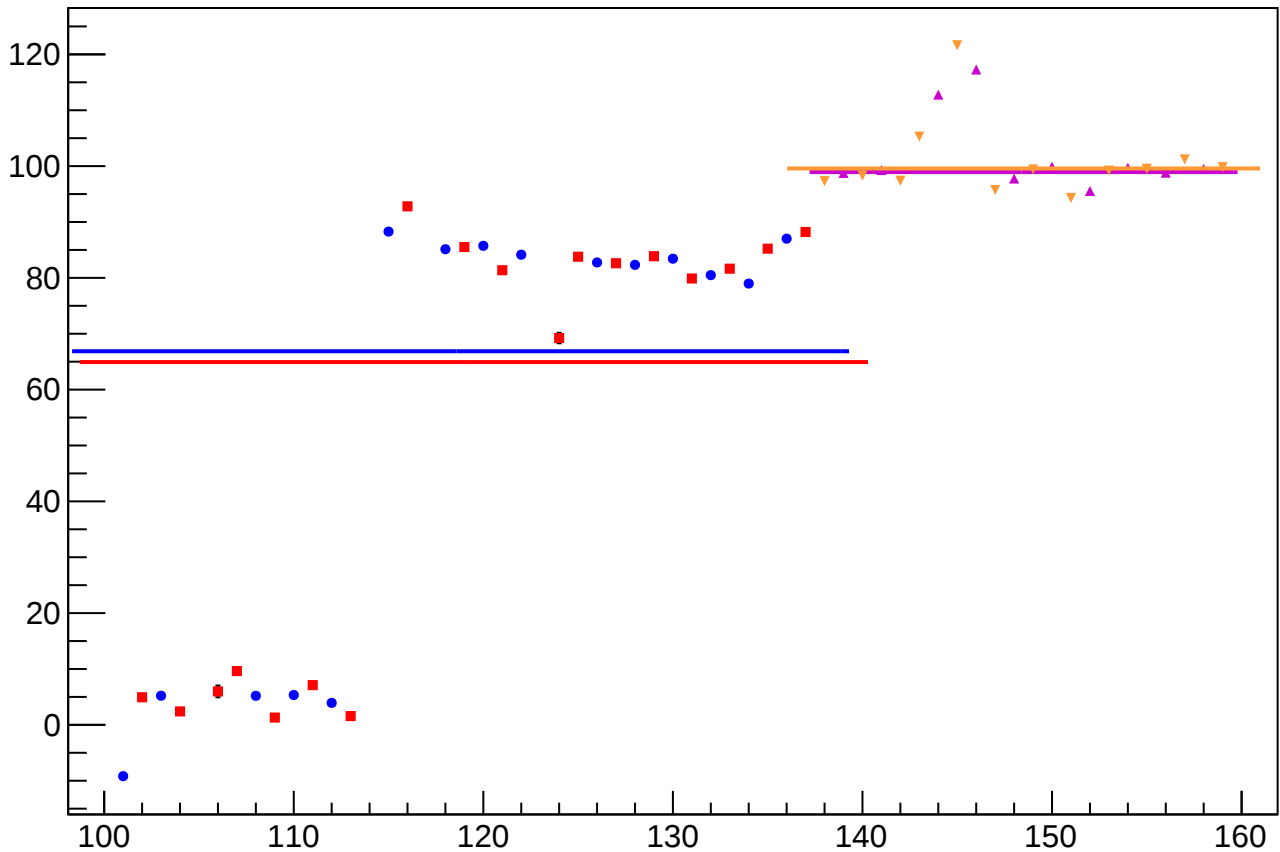
Left In: 16.962 ± 0.009 χ^2/NDF : 12431.9/9

+ sign 19.230 ± 0.006 χ^2/NDF : 307609.2/26

All: 19.321 ± 0.005 χ^2/NDF : 665743.6/54

- sign 19.432 ± 0.007 χ^2/NDF : 357655.9/27

dit_sam6_4eY_slope vs Slug



Right In: 66.866+/-0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.580+/-0.015 χ^2 /NDF: 68579.7/11

Right Out: 64.929+/-0.030 χ^2 /NDF: 1334580.7/17

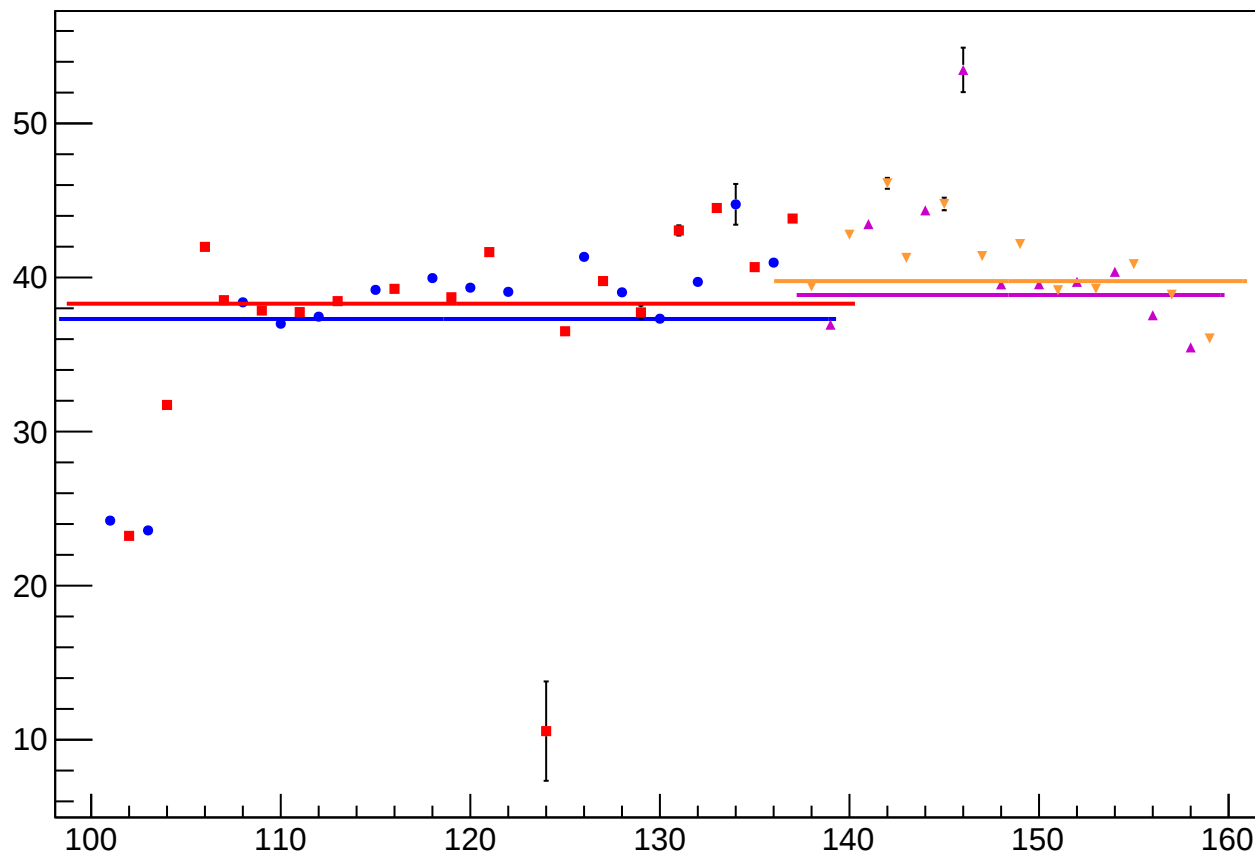
Left In: 98.938+/-0.014 χ^2 /NDF: 14834.5/9

+ sign 91.945+/-0.013 χ^2 /NDF: 2683164.3/26

All: 92.205+/-0.009 χ^2 /NDF: 5092893.8/54

- sign 92.461+/-0.013 χ^2 /NDF: 2408943.7/27

dit_sam7_4aX_slope vs Slug



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.765 ± 0.040 $\chi^2/\text{NDF}: 3623.7/11$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

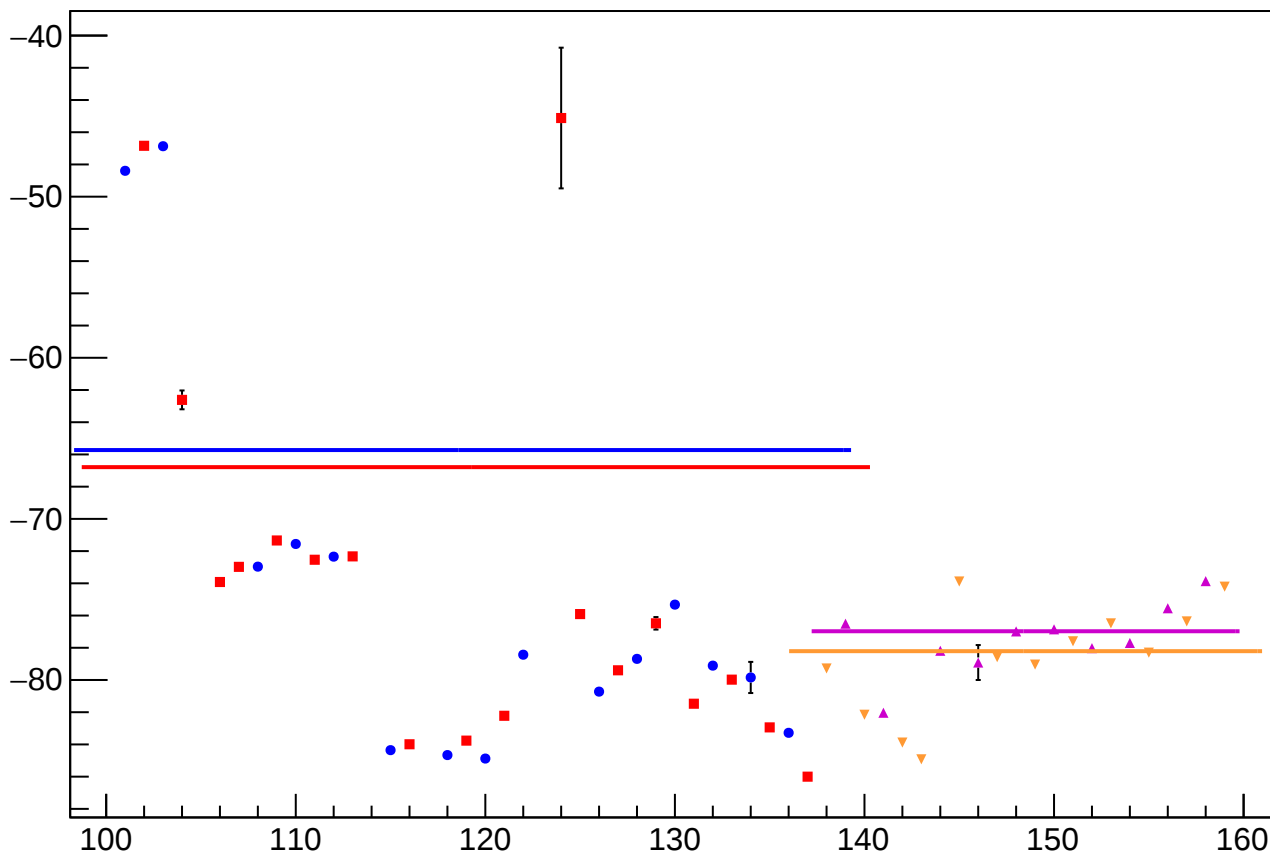
Left In: 38.864 ± 0.031 $\chi^2/\text{NDF}: 5154.5/9$

+ sign 37.913 ± 0.020 $\chi^2/\text{NDF}: 65993.8/26$

All: 38.235 ± 0.013 $\chi^2/\text{NDF}: 90663.9/54$

- sign 38.470 ± 0.017 $\chi^2/\text{NDF}: 24222.9/27$

dit_sam7_4eX_slope vs Slug



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -78.211 ± 0.033 $\chi^2/\text{NDF}: 10601.5/11$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

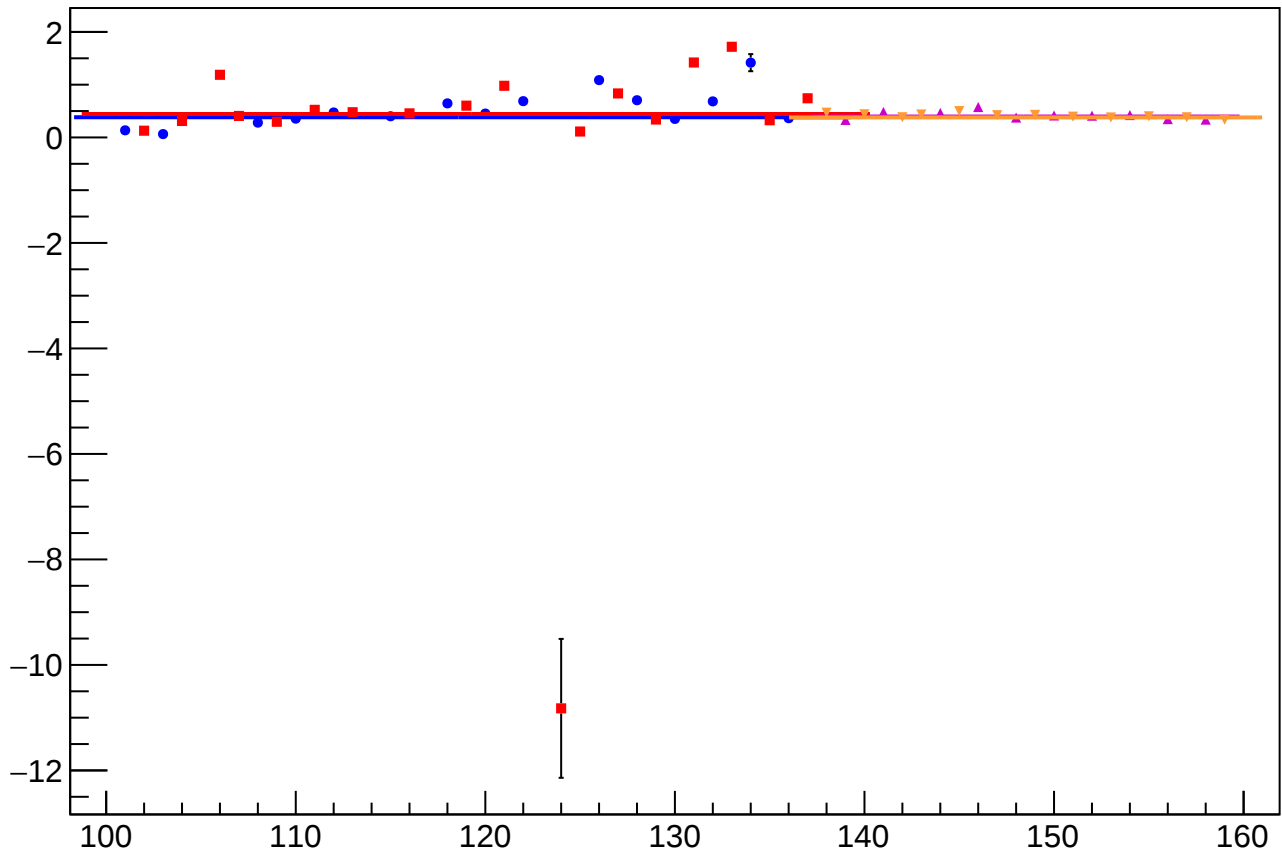
Left In: -76.975 ± 0.025 $\chi^2/\text{NDF}: 4285.9/9$

+ sign -68.250 ± 0.015 $\chi^2/\text{NDF}: 1024561.5/26$

All: -69.047 ± 0.010 $\chi^2/\text{NDF}: 1960962.7/54$

- sign -69.676 ± 0.013 $\chi^2/\text{NDF}: 931386.7/27$

dit_sam7_11X12X_slope vs Slug



Right In: 0.383 ± 0.002 χ^2/NDF : 8173.1/14

Left Out: 0.379 ± 0.001 χ^2/NDF : 4962.9/11

Right Out: 0.444 ± 0.004 χ^2/NDF : 2786.2/17

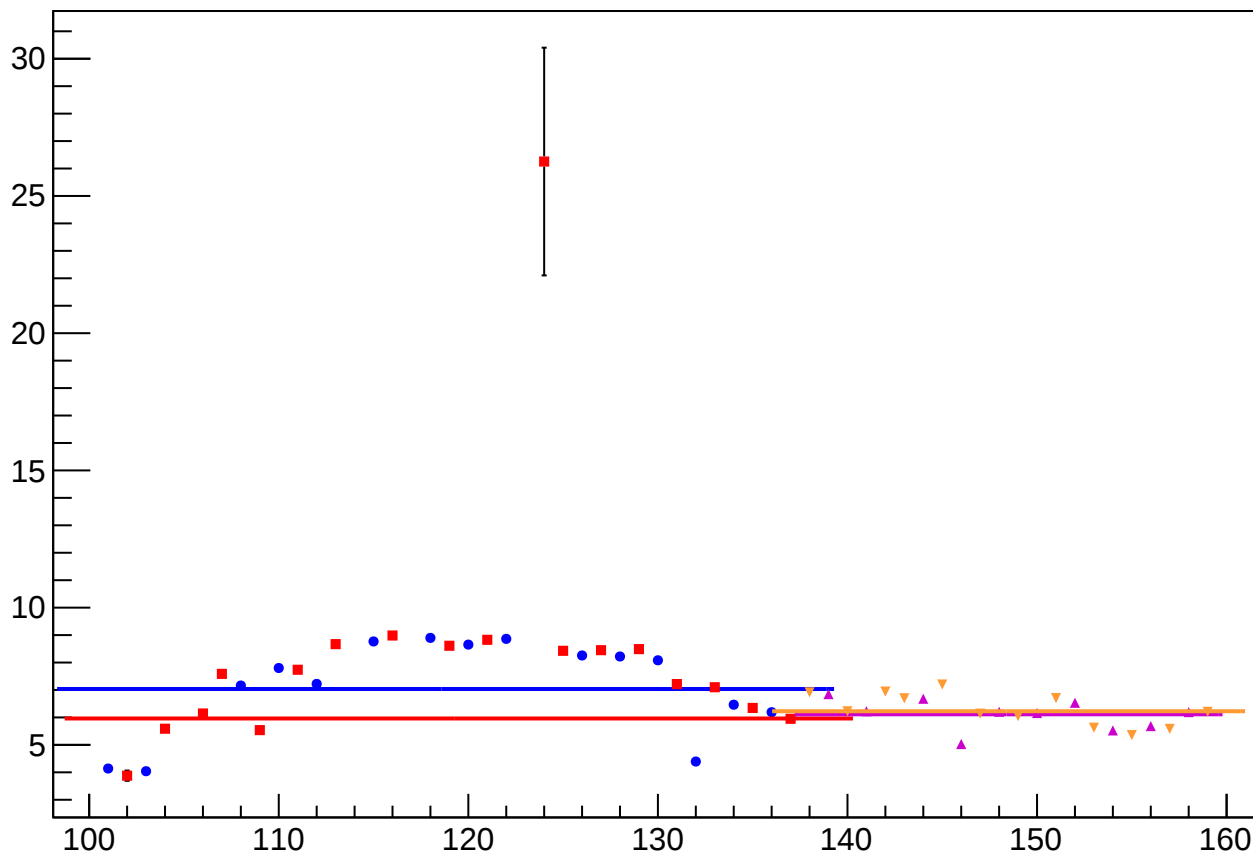
Left In: 0.396 ± 0.001 χ^2/NDF : 5092.6/9

+ sign 0.379 ± 0.001 χ^2/NDF : 13139.2/26

All: 0.388 ± 0.000 χ^2/NDF : 21637.6/54

- sign 0.397 ± 0.001 χ^2/NDF : 8047.1/27

dit_sam7_4aY_slope vs Slug



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.226+/-0.002 χ^2/NDF : 24701.2/11

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

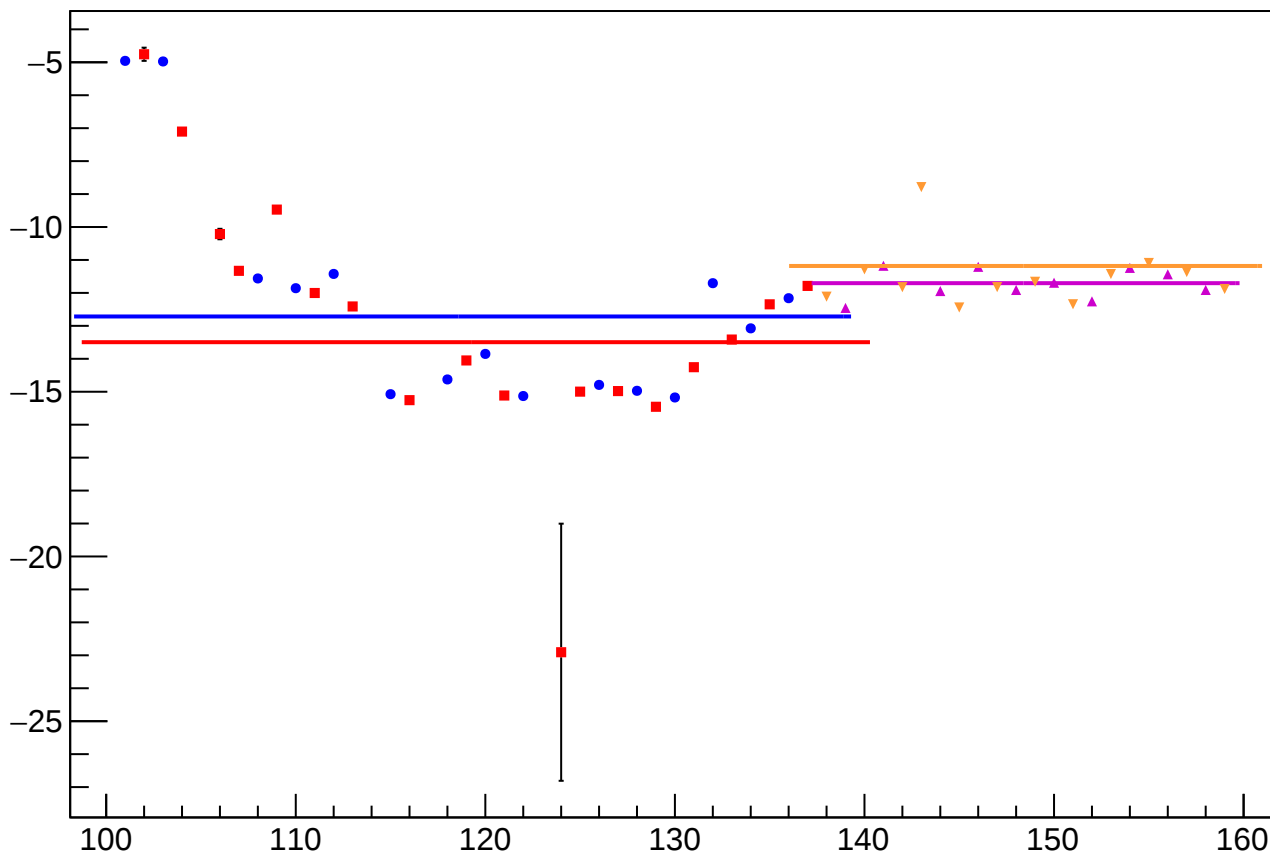
Left In: 6.114+/-0.002 χ^2/NDF : 27710.7/9

+ sign 6.364+/-0.002 χ^2/NDF : 121274.7/26

All: 5.985+/-0.000 χ^2/NDF : 366132.7/54

- sign 5.968+/-0.000 χ^2/NDF : 201882.8/27

dit_sam7_4eY_slope vs Slug



Right In: -12.715 ± 0.006 χ^2/NDF : 85219.4/14

Left Out: -11.182 ± 0.003 χ^2/NDF : 191295.9/11

Right Out: -13.496 ± 0.006 χ^2/NDF : 55753.8/17

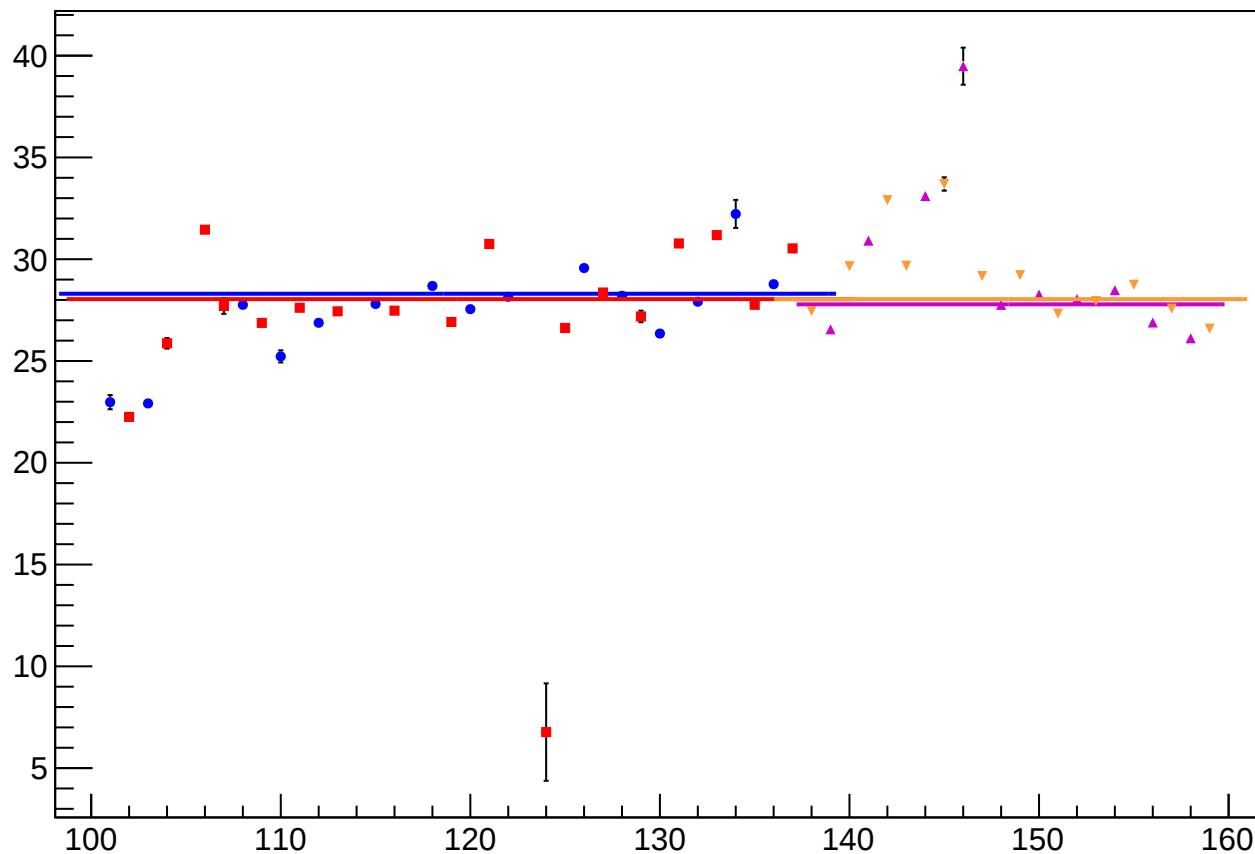
Left In: -11.704 ± 0.003 χ^2/NDF : 12085.4/9

+ sign -11.423 ± 0.003 χ^2/NDF : 325213.2/26

All: -11.732 ± 0.002 χ^2/NDF : 500239.0/54

- sign -12.010 ± 0.002 χ^2/NDF : 146647.6/27

dit_sam8_4aX_slope vs Slug



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.040 ± 0.023 $\chi^2/\text{NDF}: 3306.2/11$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

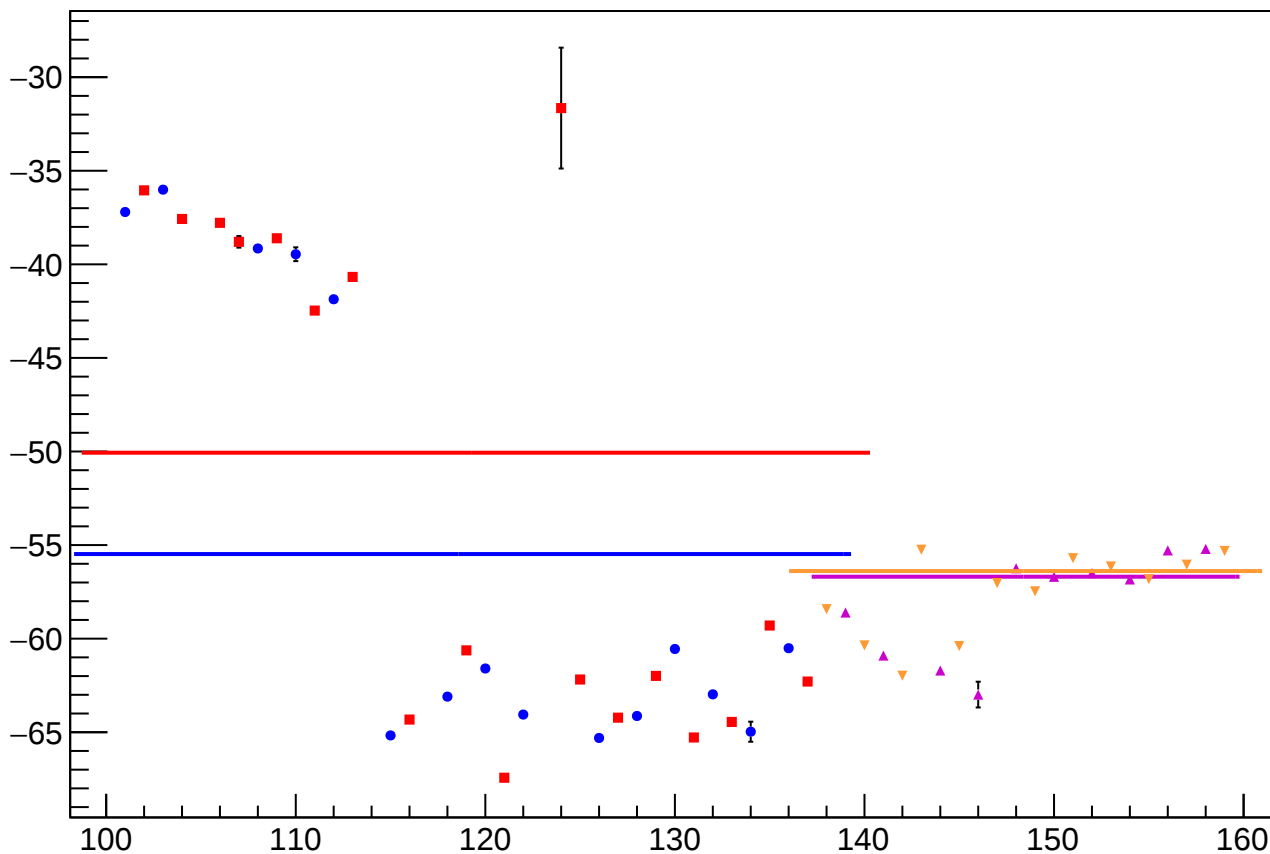
Left In: 27.783 ± 0.020 $\chi^2/\text{NDF}: 4396.8/9$

+ sign 28.172 ± 0.016 $\chi^2/\text{NDF}: 6771.6/26$

All: 28.017 ± 0.012 $\chi^2/\text{NDF}: 13961.4/54$

- sign 27.859 ± 0.017 $\chi^2/\text{NDF}: 7008.7/27$

dit_sam8_4eX_slope vs Slug



Right In: -55.480 ± 0.017 χ^2/NDF : 595140.3/14

Left Out: -56.388 ± 0.020 χ^2/NDF : 5555.4/11

Right Out: -50.065 ± 0.023 χ^2/NDF : 340098.3/17

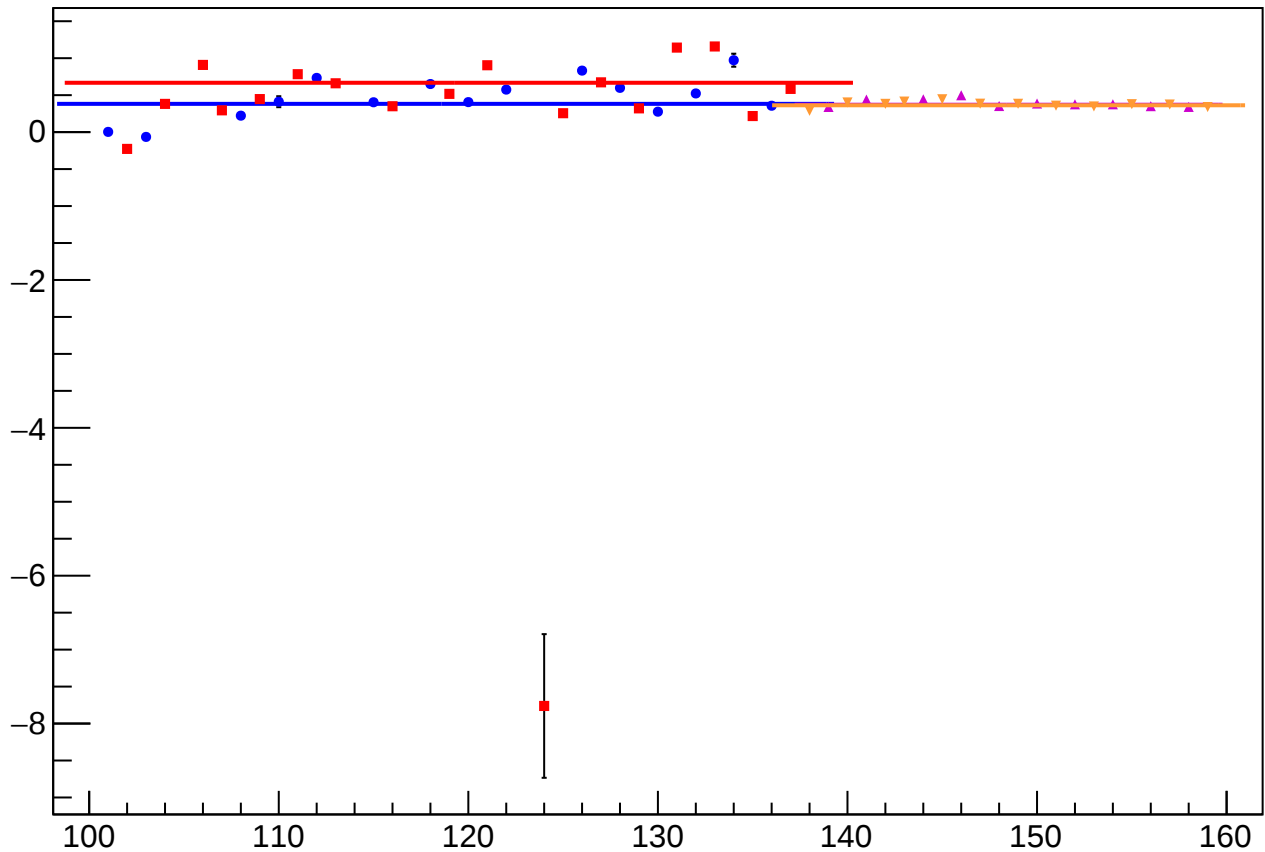
Left In: -56.691 ± 0.017 χ^2/NDF : 6861.9/9

+ sign -55.855 ± 0.013 χ^2/NDF : 601938.3/26

All: -55.187 ± 0.009 χ^2/NDF : 1008893.9/54

- sign -54.432 ± 0.014 χ^2/NDF : 401055.8/27

dit_sam8_11X12X_slope vs Slug



Right In: 0.382 $\pm$ 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.363 $\pm$ 0.000 χ^2/NDF : 3425.4/11

Right Out: 0.668 $\pm$ 0.005 χ^2/NDF : 3704.8/17

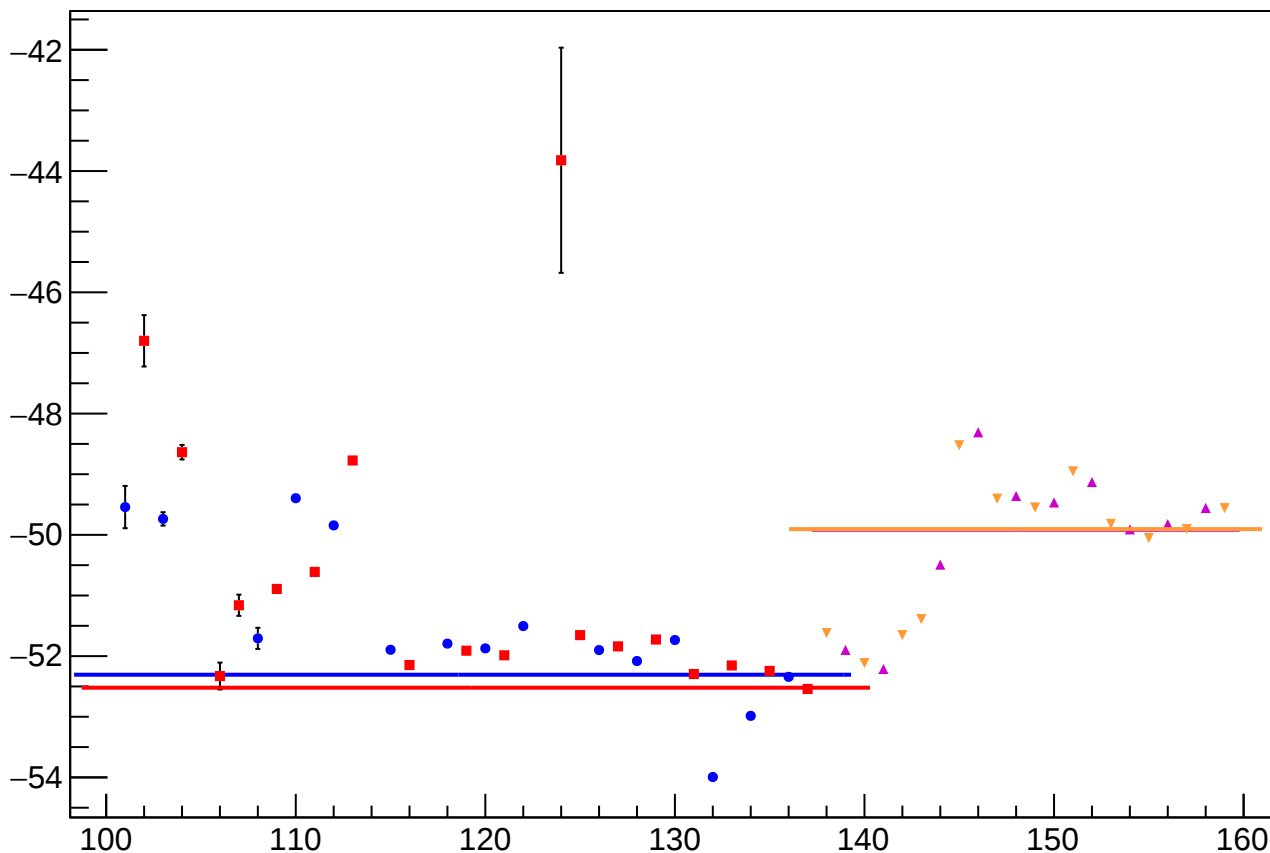
Left In: 0.371 $\pm$ 0.000 χ^2/NDF : 3527.7/9

+ sign 0.364 $\pm$ 0.000 χ^2/NDF : 8155.3/26

All: 0.369 $\pm$ 0.000 χ^2/NDF : 19719.3/54

- sign 0.373 $\pm$ 0.000 χ^2/NDF : 11356.8/27

dit_sam8_4aY_slope vs Slug



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -49.906 ± 0.002 χ^2/NDF : 158891.5/11

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

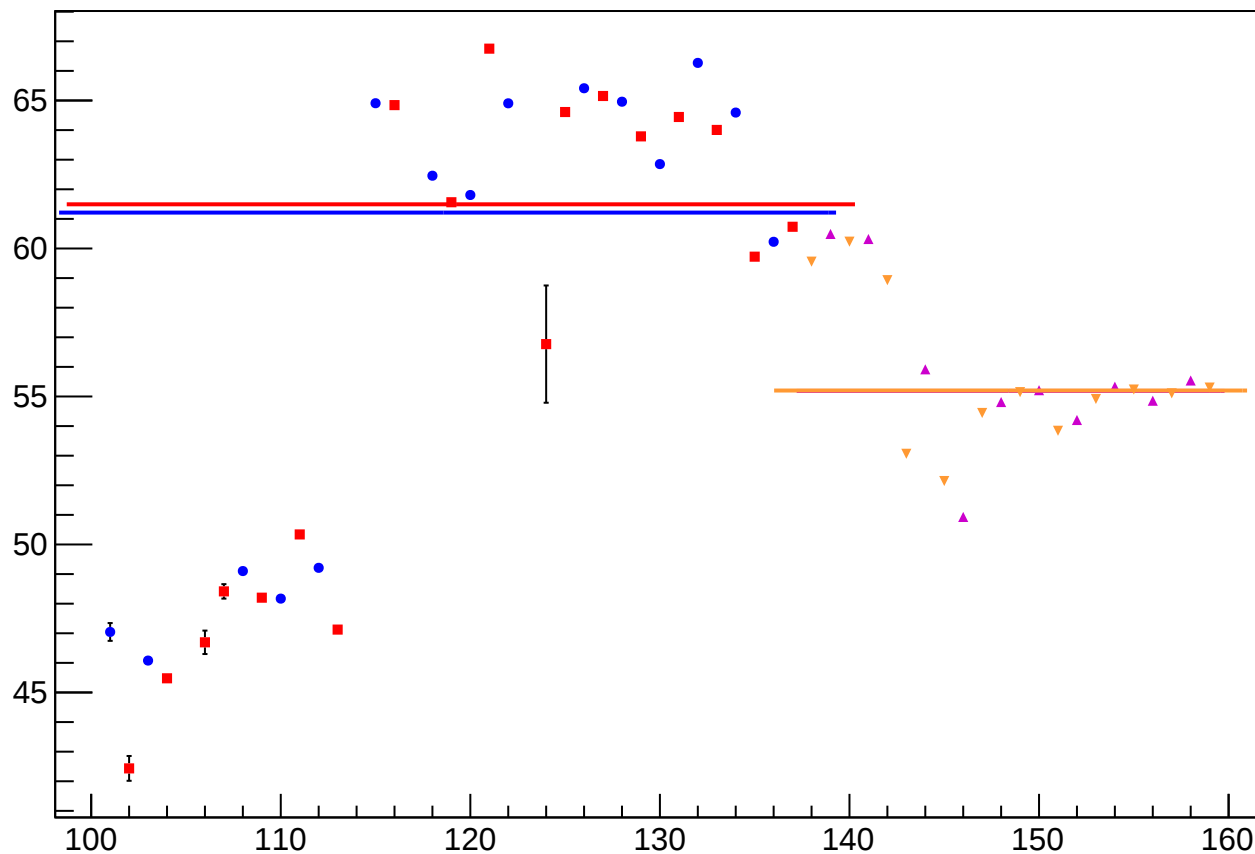
Left In: -49.917 ± 0.002 χ^2/NDF : 224230.1/9

+ sign -50.370 ± 0.002 χ^2/NDF : 493075.7/26

All: -51.497 ± 0.001 χ^2/NDF : 2746400.8/54

- sign -51.846 ± 0.001 χ^2/NDF : 1682291.3/27

dit_sam8_4eY_slope vs Slug



Right In: 61.213 ± 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.201 ± 0.004 χ^2/NDF : 194629.3/11

Right Out: 61.493 ± 0.007 χ^2/NDF : 243479.8/17

Left In: 55.187 ± 0.003 χ^2/NDF : 60920.4/9

+ sign 55.984 ± 0.004 χ^2/NDF : 670213.2/26

All: 56.246 ± 0.002 χ^2/NDF : 1691707.8/54

- sign 56.427 ± 0.003 χ^2/NDF : 1012441.4/27

dit_4aX_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil1_mean vs Slug



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

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

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

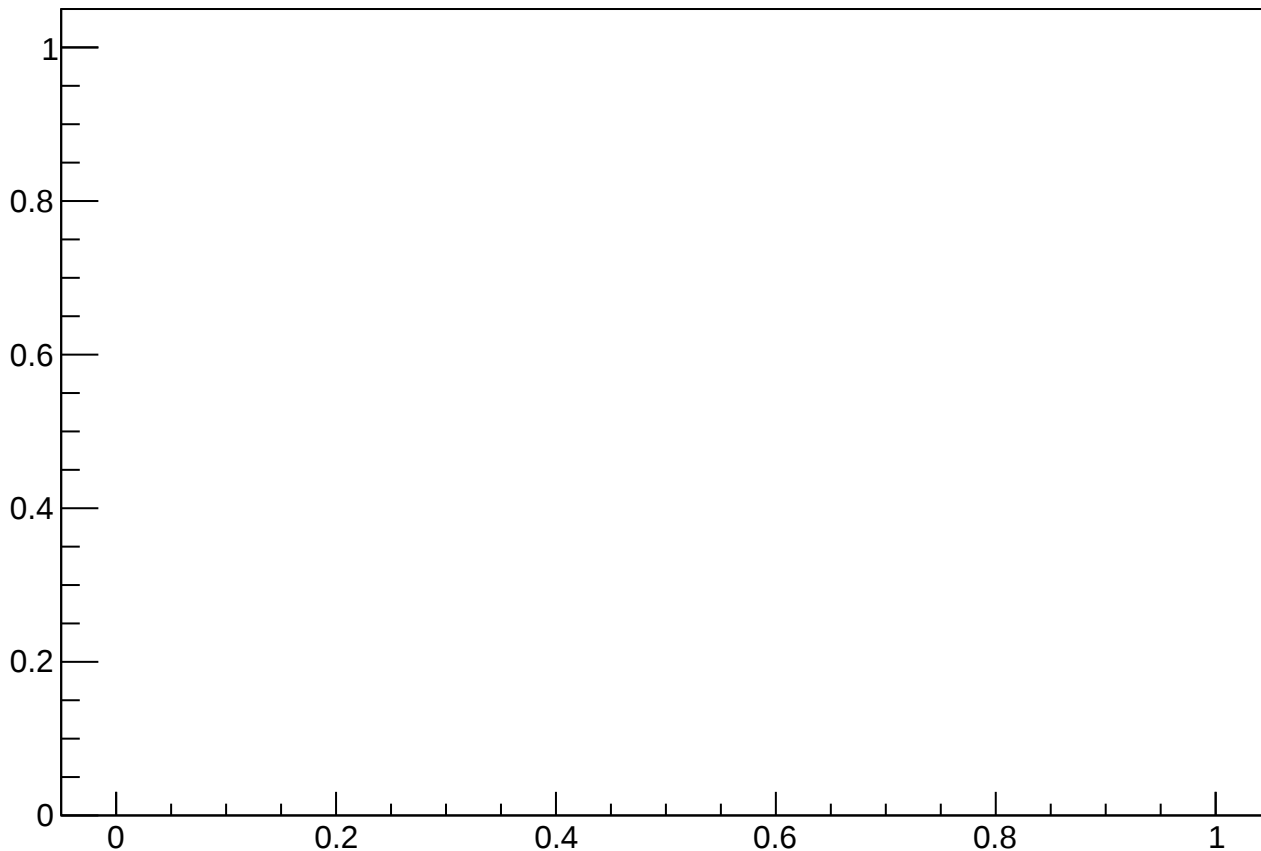
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil1_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil3_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil3_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil3_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil3_err_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil7_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil7_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil7_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil7_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil7_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil7_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil7_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil7_err_mean vs Slug



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

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

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

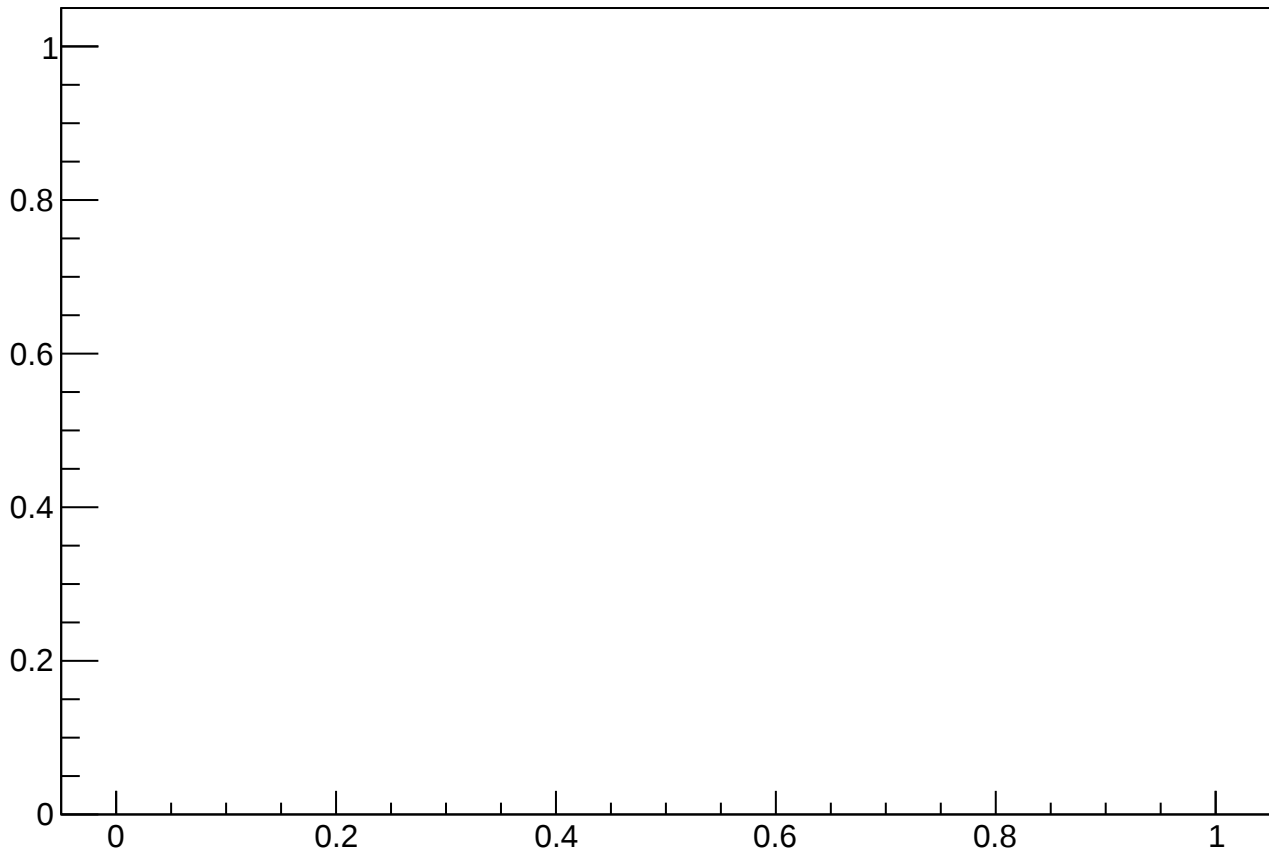
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil7_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil7_err_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil7_Ndata_mean vs Slug



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

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

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

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil7_mean vs Slug



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

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

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

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil7_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

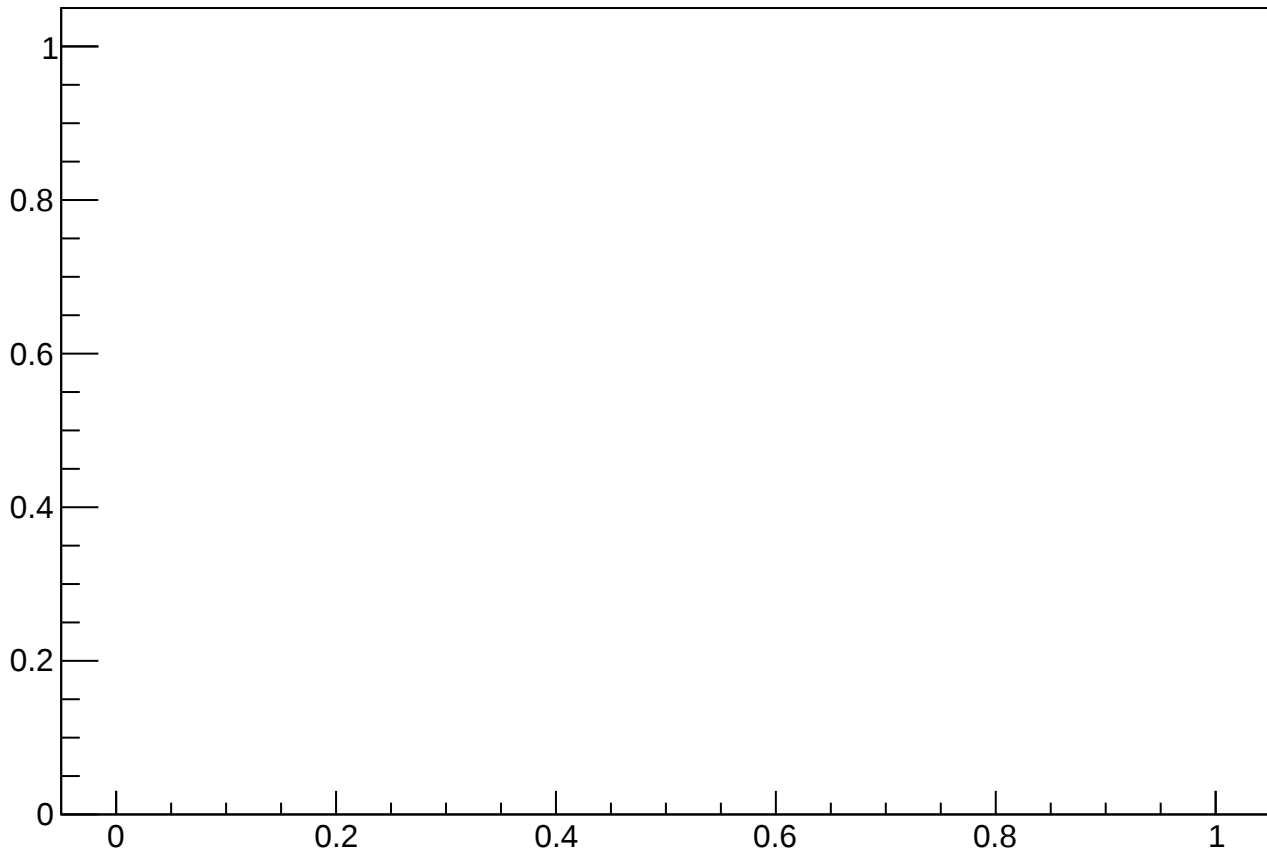
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil7_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil7_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil7_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil7_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil7_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil7_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil7_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil7_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

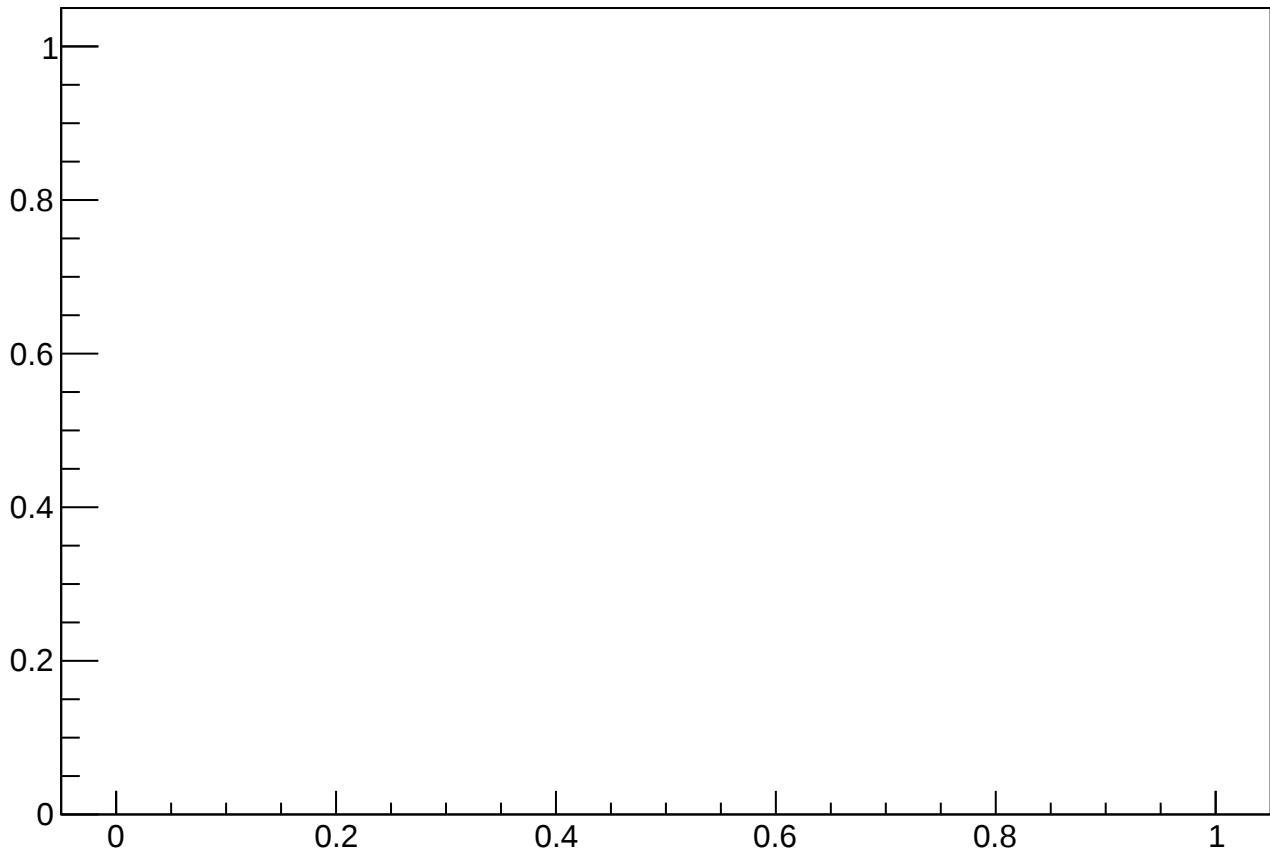
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil4_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil4_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil4_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil4_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil4_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil4_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil4_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil4_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usl_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_usr_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

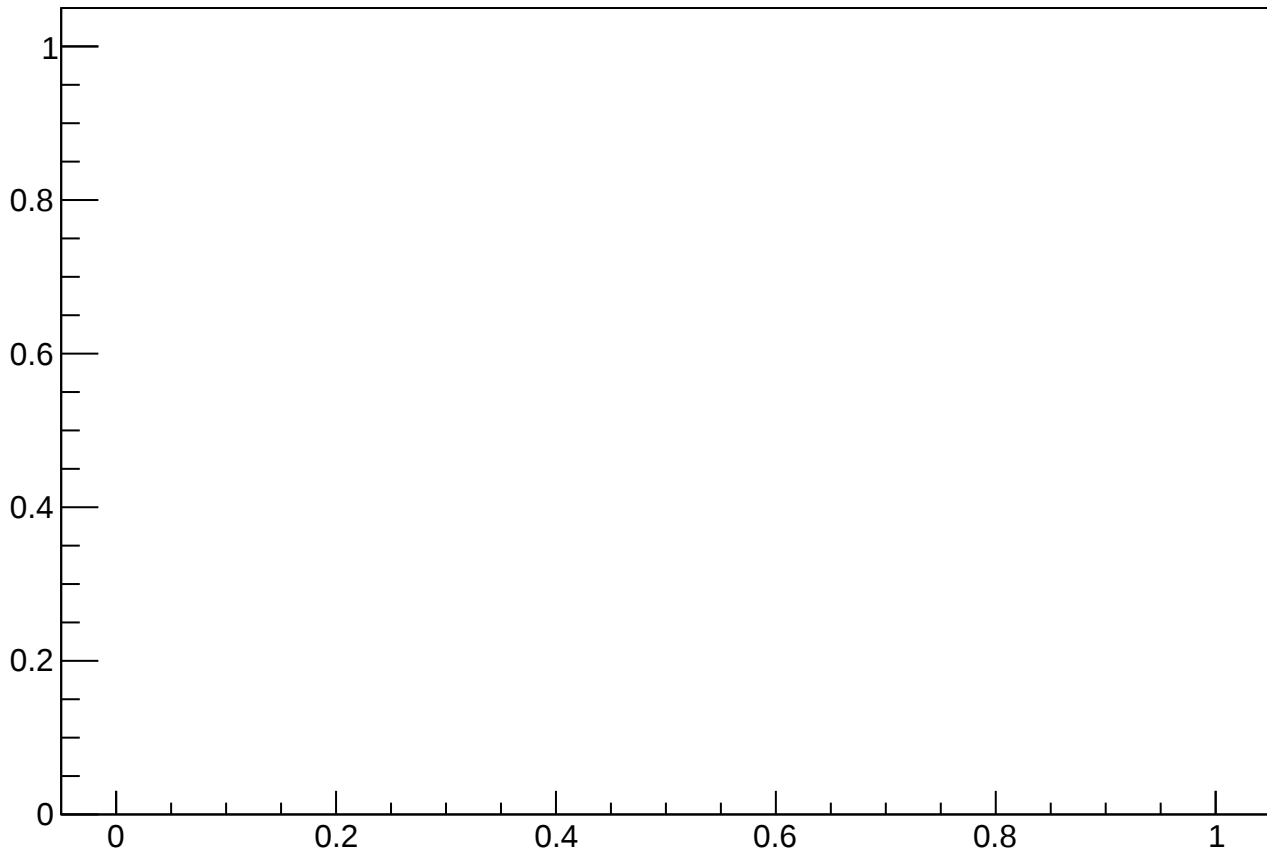
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil6_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil6_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil6_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil6_err_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_run_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_run_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_cyclenum_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_cyclenum_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_scandata1_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_scandata1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

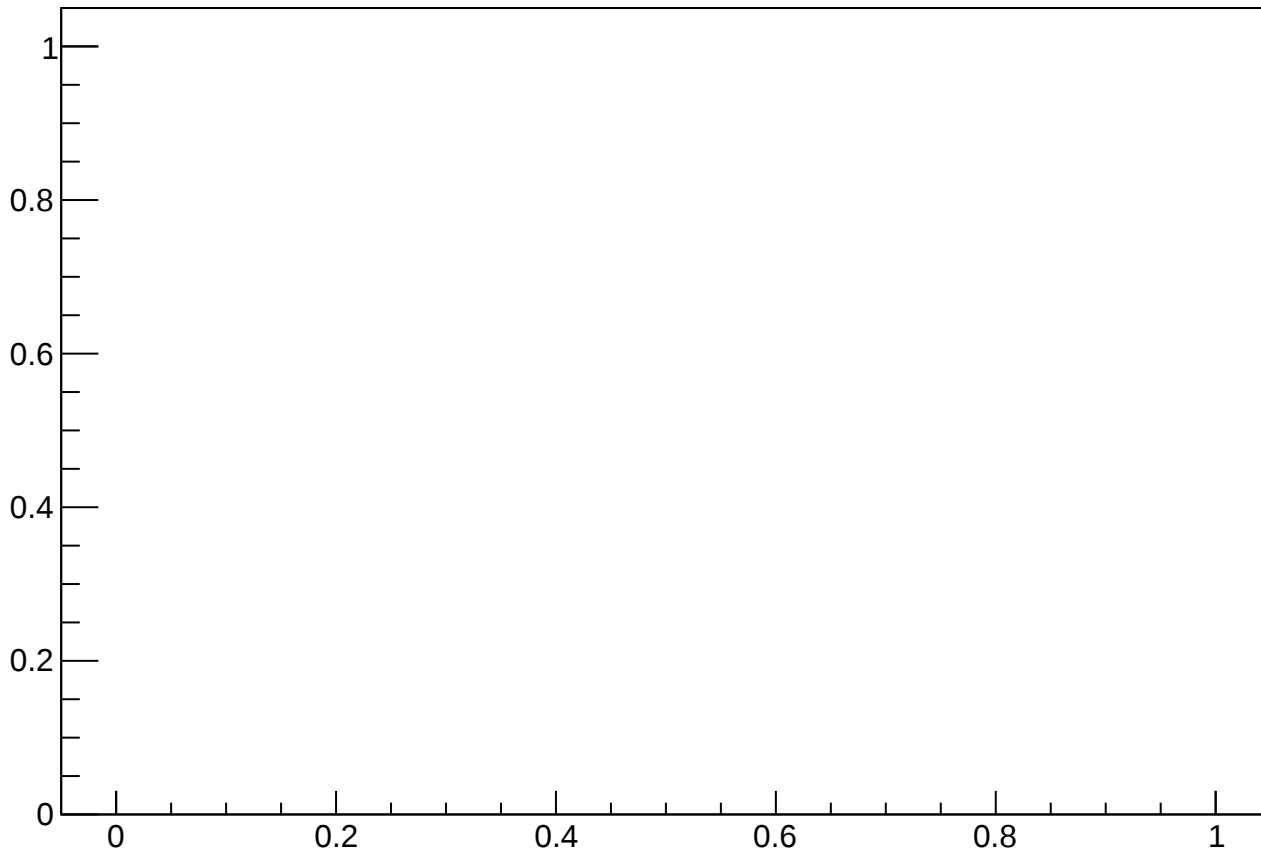
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

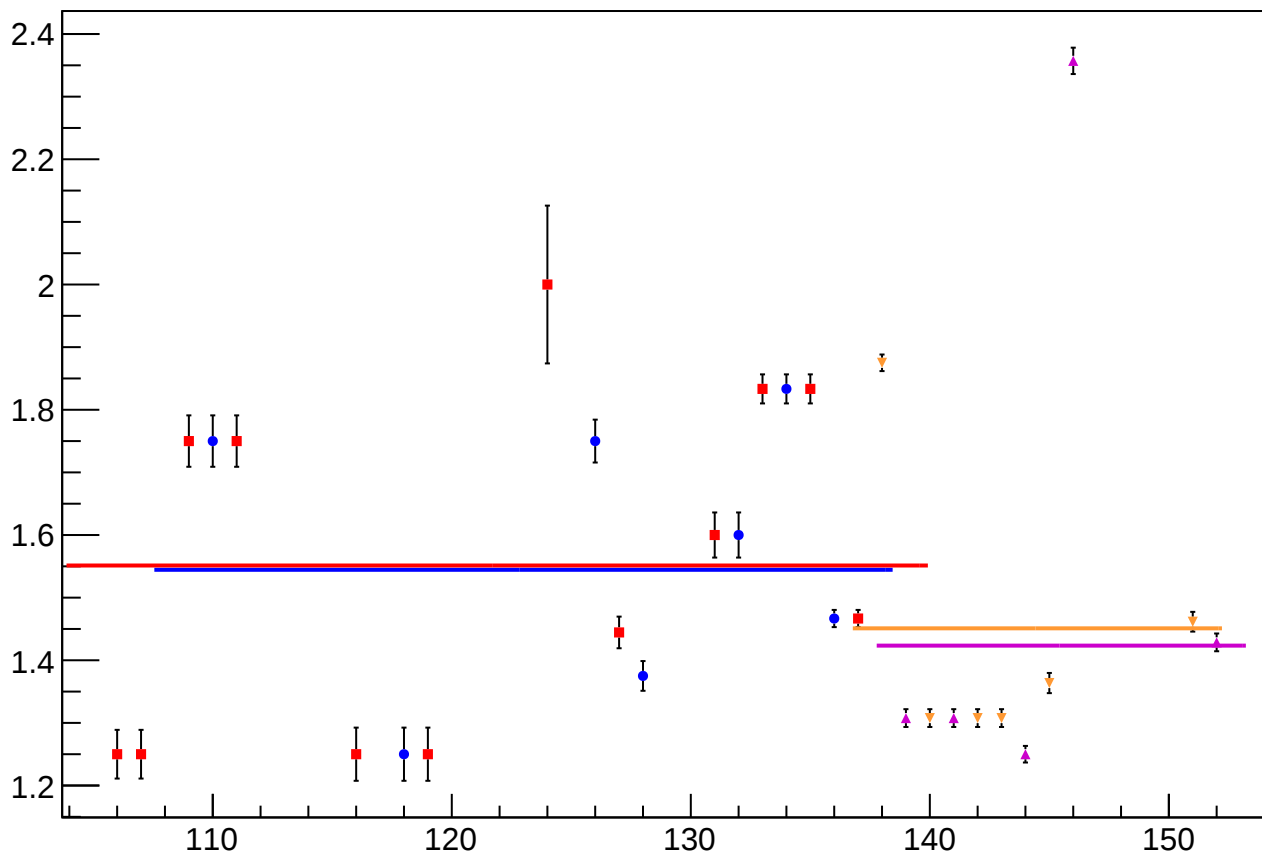
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

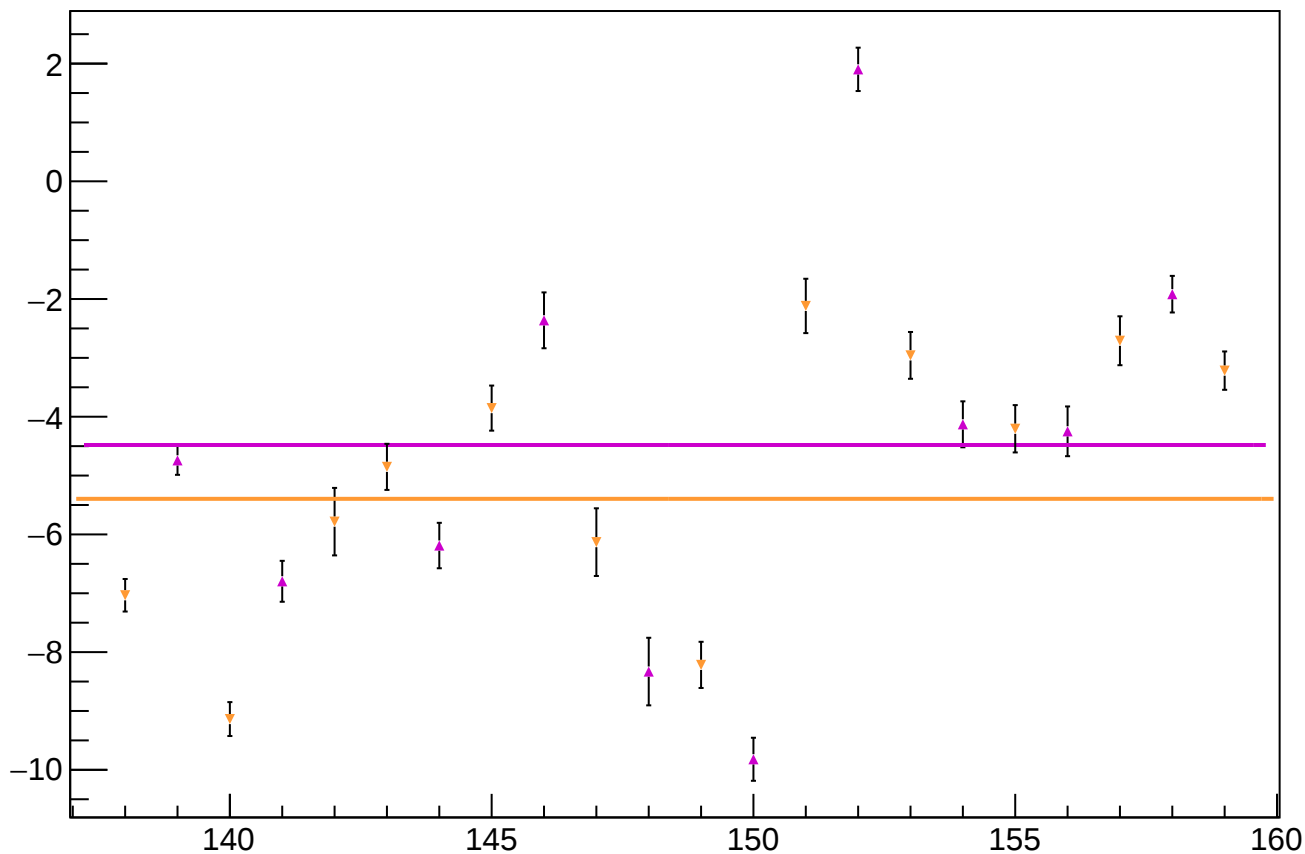
Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

+ sign 1.478 $\pm$ 0.005 χ^2 /NDF: 1782.2/12

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

- sign 1.474 $\pm$ 0.005 χ^2 /NDF: 3051.7/16

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -5.395+/-0.109 χ^2/NDF : 458.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

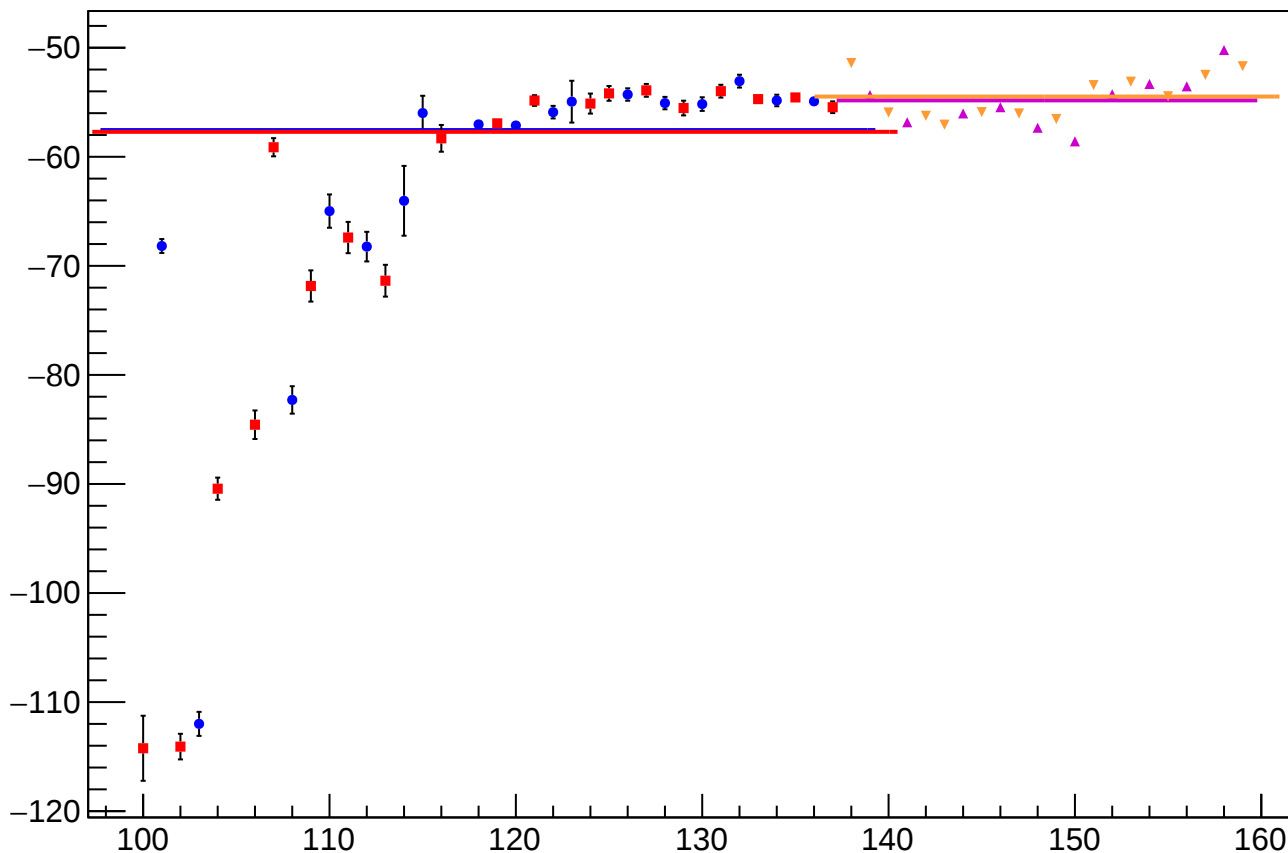
Left In: -4.481+/-0.114 χ^2/NDF : 712.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.958+/-0.079 χ^2/NDF : 1204.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -54.478 ± 0.080 χ^2/NDF : 592.6/11

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

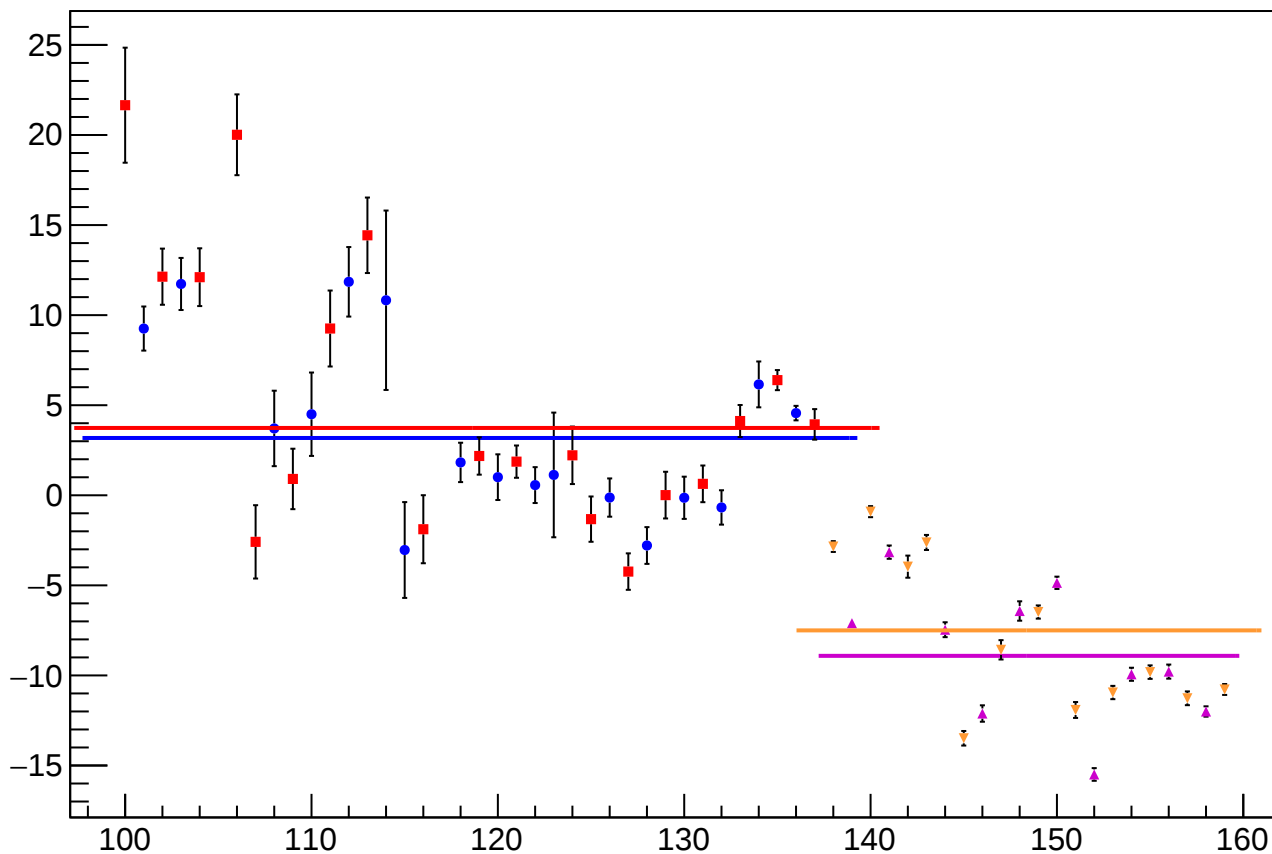
Left In: -54.828 ± 0.087 χ^2/NDF : 905.6/9

+ sign -55.224 ± 0.070 χ^2/NDF : 4409.3/28

All: -55.403 ± 0.051 χ^2/NDF : 10330.5/57

- sign -55.606 ± 0.074 χ^2/NDF : 5907.2/28

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.500 ± 0.109 χ^2/NDF : 1543.0/11

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

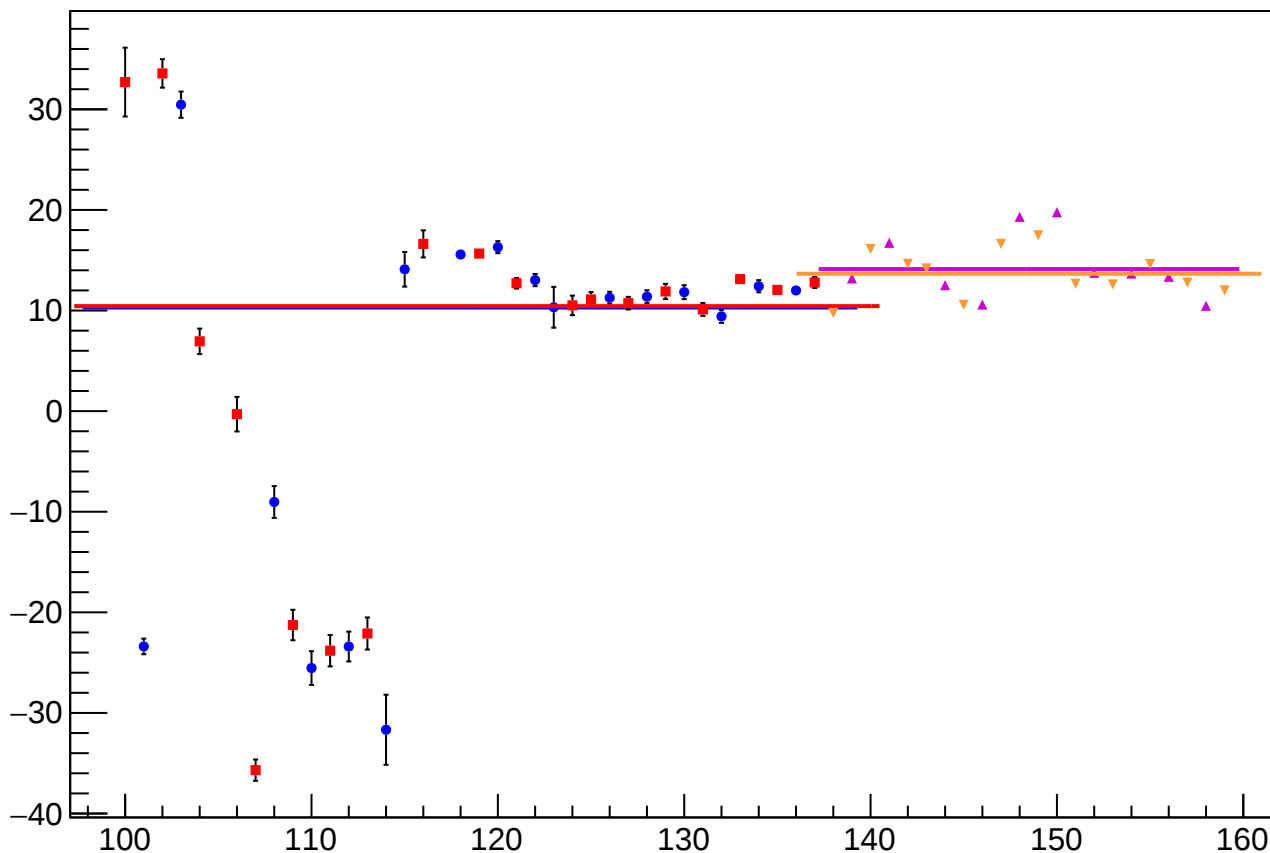
Left In: -8.913 ± 0.113 χ^2/NDF : 990.0/9

+ sign -5.887 ± 0.100 χ^2/NDF : 3183.4/28

All: -6.419 ± 0.072 χ^2/NDF : 6457.9/57

- sign -6.992 ± 0.104 χ^2/NDF : 3216.0/28

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.301 ± 0.157 $\chi^2/\text{NDF}: 3699.4/16$

Left Out: 13.655 ± 0.094 $\chi^2/\text{NDF}: 573.0/11$

Right Out: 10.437 ± 0.160 $\chi^2/\text{NDF}: 3828.8/18$

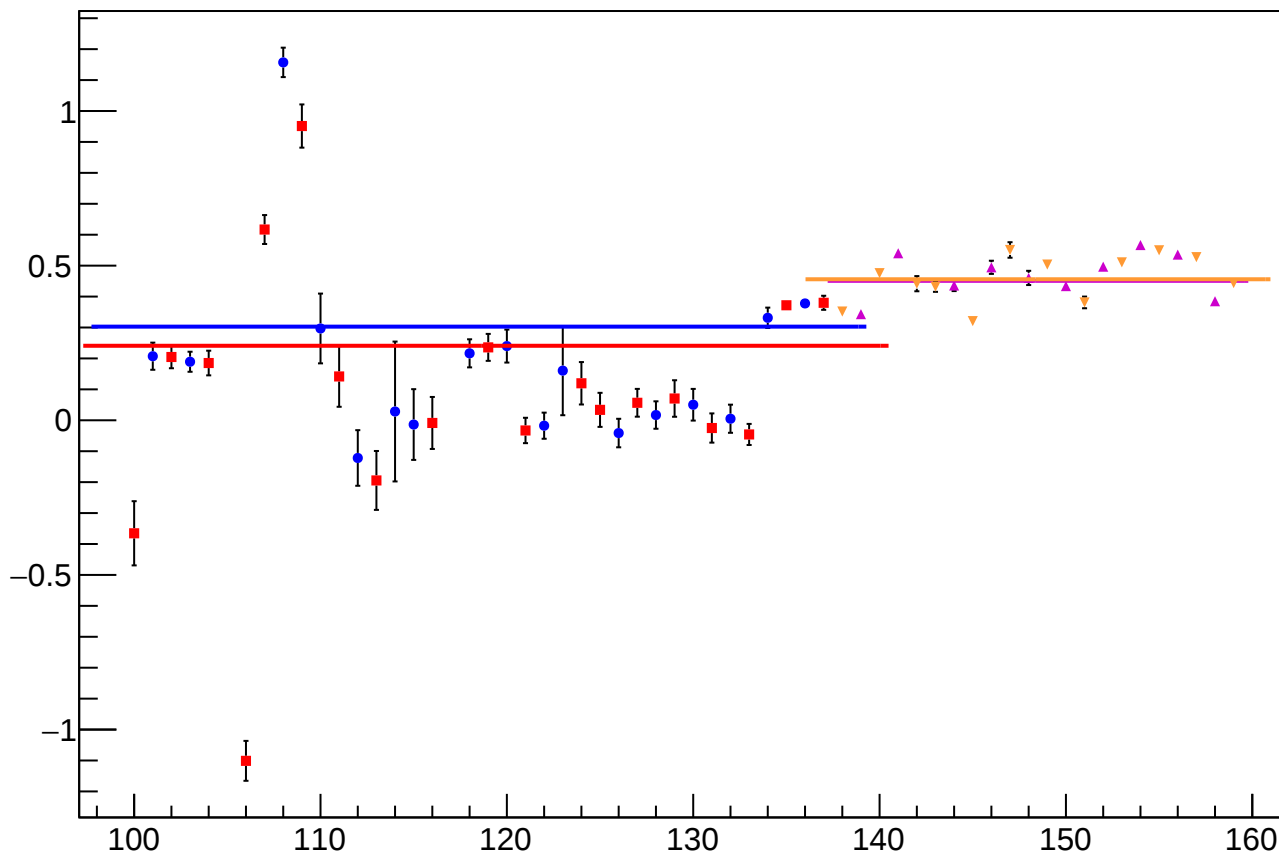
Left In: 14.121 ± 0.100 $\chi^2/\text{NDF}: 1017.0/9$

+ sign 12.773 ± 0.080 $\chi^2/\text{NDF}: 4608.9/28$

All: 12.919 ± 0.058 $\chi^2/\text{NDF}: 9843.6/57$

- sign 13.081 ± 0.085 $\chi^2/\text{NDF}: 5227.8/28$

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.456 $\pm$ 0.004 χ^2 /NDF: 299.9/11

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

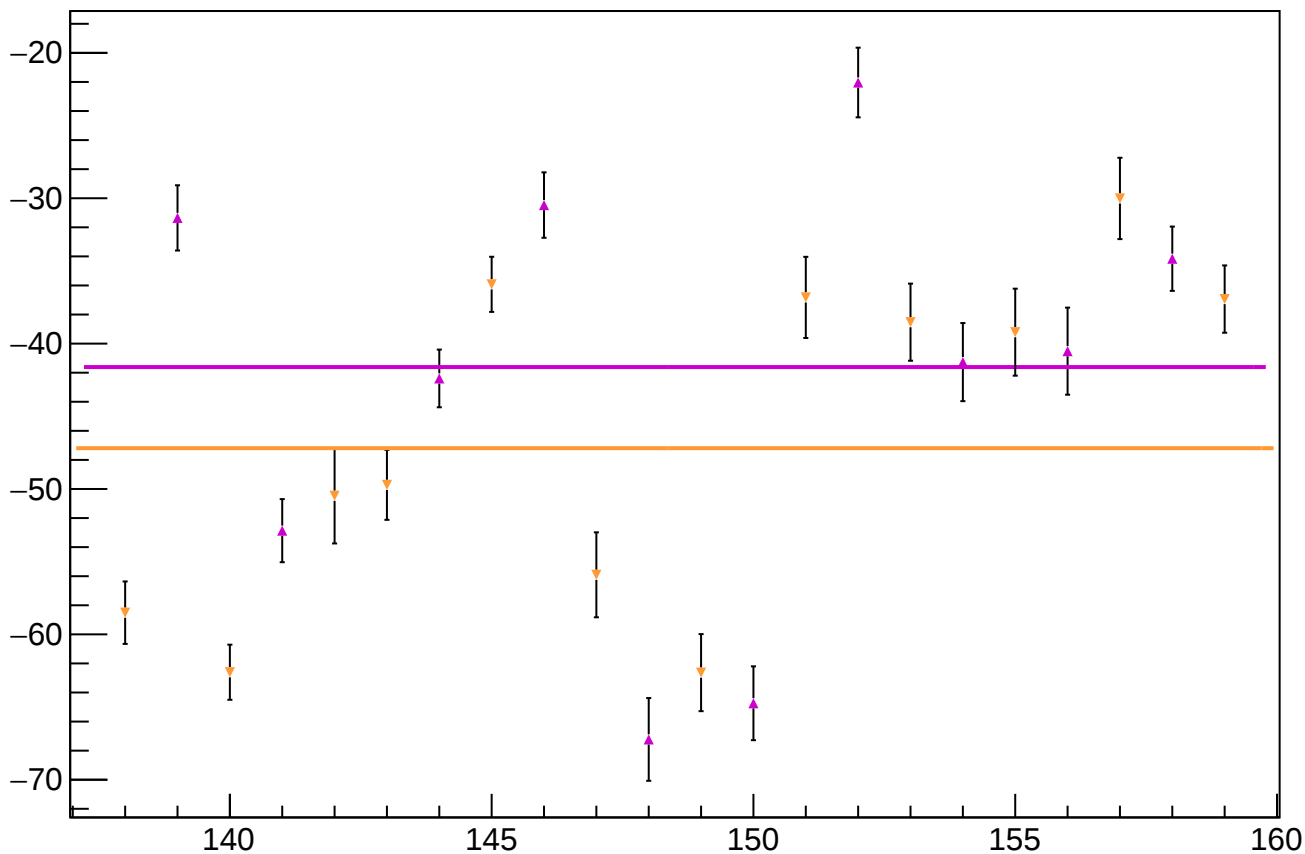
Left In: 0.451 $\pm$ 0.004 χ^2 /NDF: 351.2/9

+ sign 0.424 $\pm$ 0.004 χ^2 /NDF: 1223.8/28

All: 0.416 $\pm$ 0.003 χ^2 /NDF: 3060.6/57

- sign 0.408 $\pm$ 0.004 χ^2 /NDF: 1827.8/28

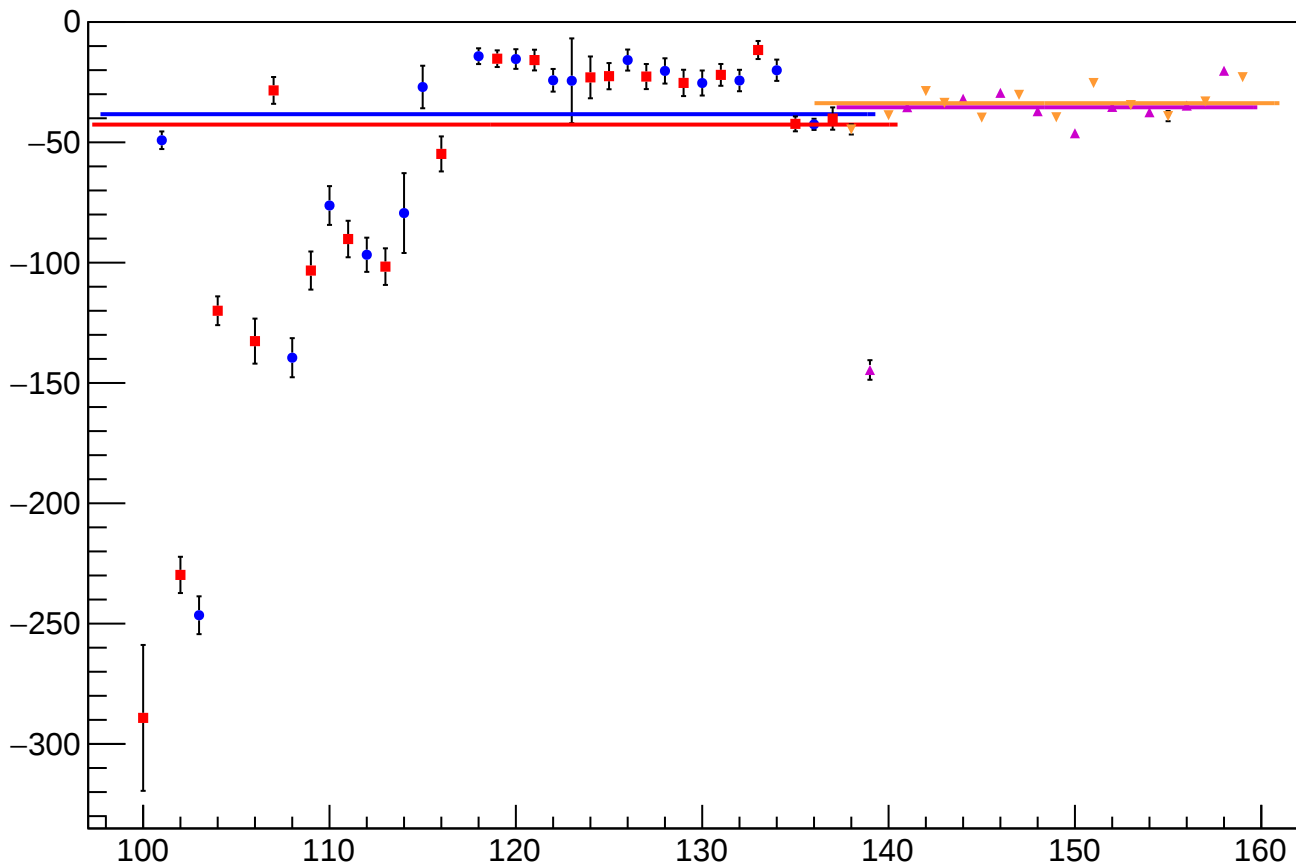
reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -47.193+/-0.708 χ^2/NDF : 263.1/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.612+/-0.752 χ^2/NDF : 314.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -44.570+/-0.515 χ^2/NDF : 606.9/21
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -33.729 ± 0.495 $\chi^2/\text{NDF}: 155.9/11$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

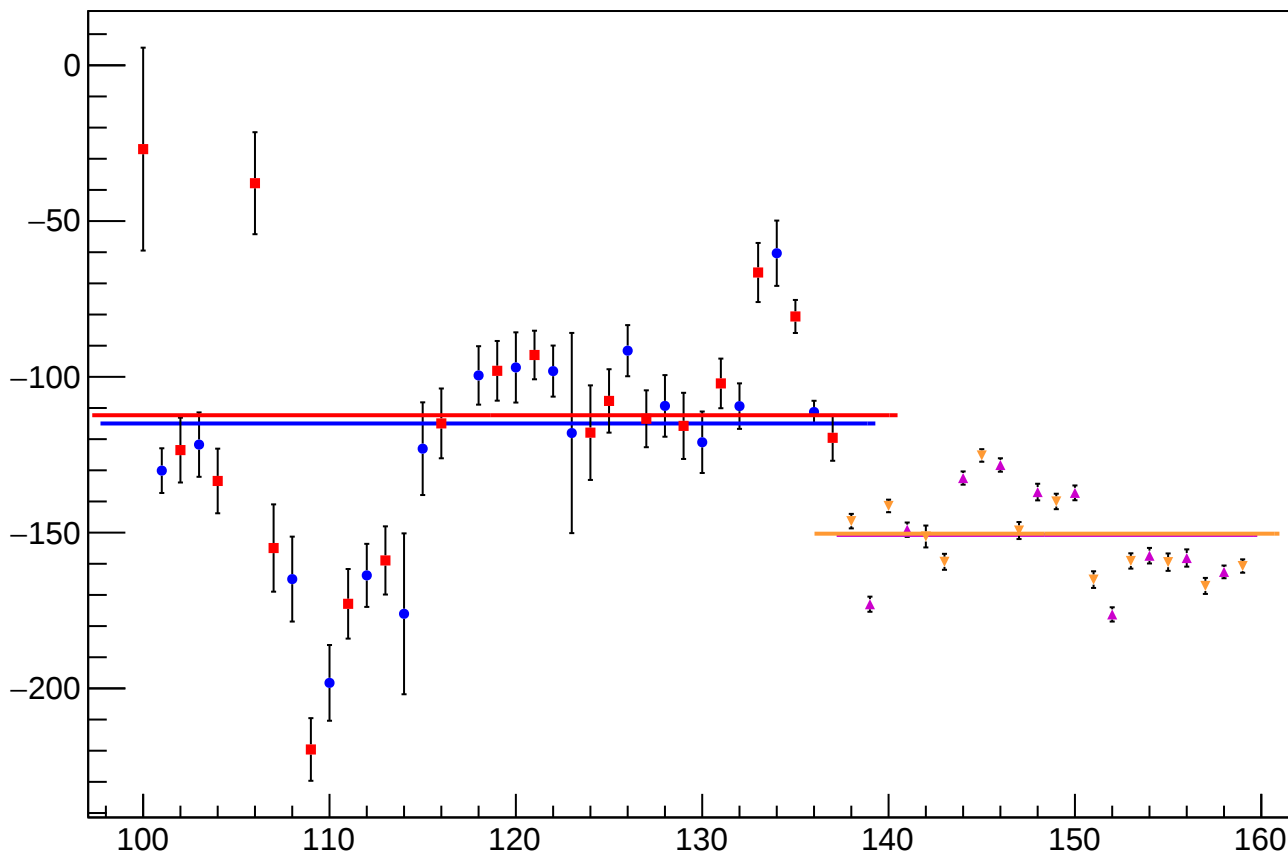
Left In: -35.436 ± 0.524 $\chi^2/\text{NDF}: 886.6/9$

+ sign -34.456 ± 0.454 $\chi^2/\text{NDF}: 1302.2/28$

All: -35.454 ± 0.330 $\chi^2/\text{NDF}: 3573.3/57$

- sign -36.575 ± 0.481 $\chi^2/\text{NDF}: 2260.8/28$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -150.339 ± 0.706 $\chi^2/\text{NDF}: 327.0/11$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

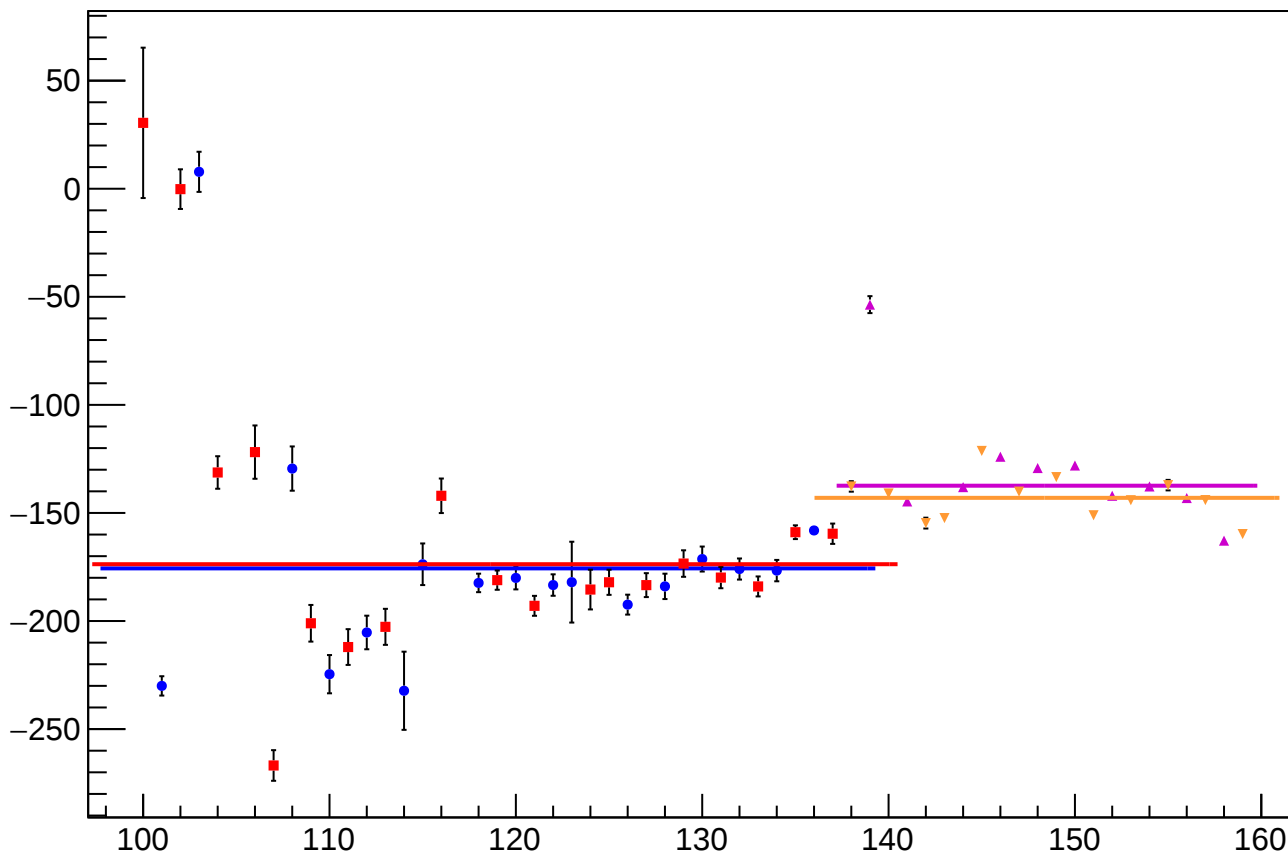
Left In: -150.739 ± 0.739 $\chi^2/\text{NDF}: 497.1/9$

+ sign -146.669 ± 0.668 $\chi^2/\text{NDF}: 728.9/28$

All: -146.761 ± 0.484 $\chi^2/\text{NDF}: 1773.0/57$

- sign -146.861 ± 0.701 $\chi^2/\text{NDF}: 1044.1/28$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.651 ± 1.269 $\chi^2/\text{NDF}: 692.1/16$

Left Out: -143.014 ± 0.589 $\chi^2/\text{NDF}: 347.1/11$

Right Out: -173.714 ± 1.354 $\chi^2/\text{NDF}: 738.0/18$

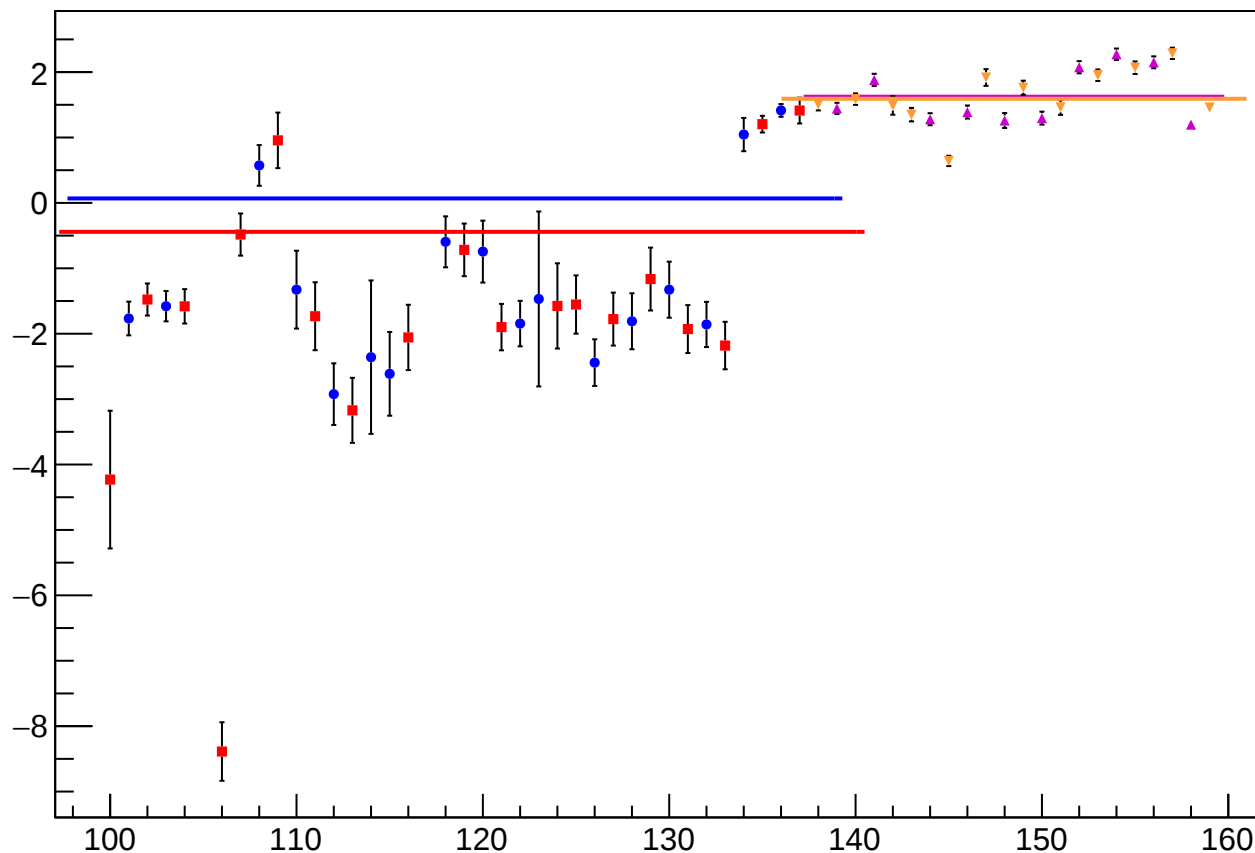
Left In: -137.397 ± 0.623 $\chi^2/\text{NDF}: 833.7/9$

+ sign -148.802 ± 0.534 $\chi^2/\text{NDF}: 1583.3/28$

All: -146.419 ± 0.389 $\chi^2/\text{NDF}: 3790.7/57$

- sign -143.744 ± 0.566 $\chi^2/\text{NDF}: 2165.3/28$

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.592 ± 0.028 χ^2/NDF : 269.3/11

Right Out: -0.443 ± 0.071 χ^2/NDF : 755.9/18

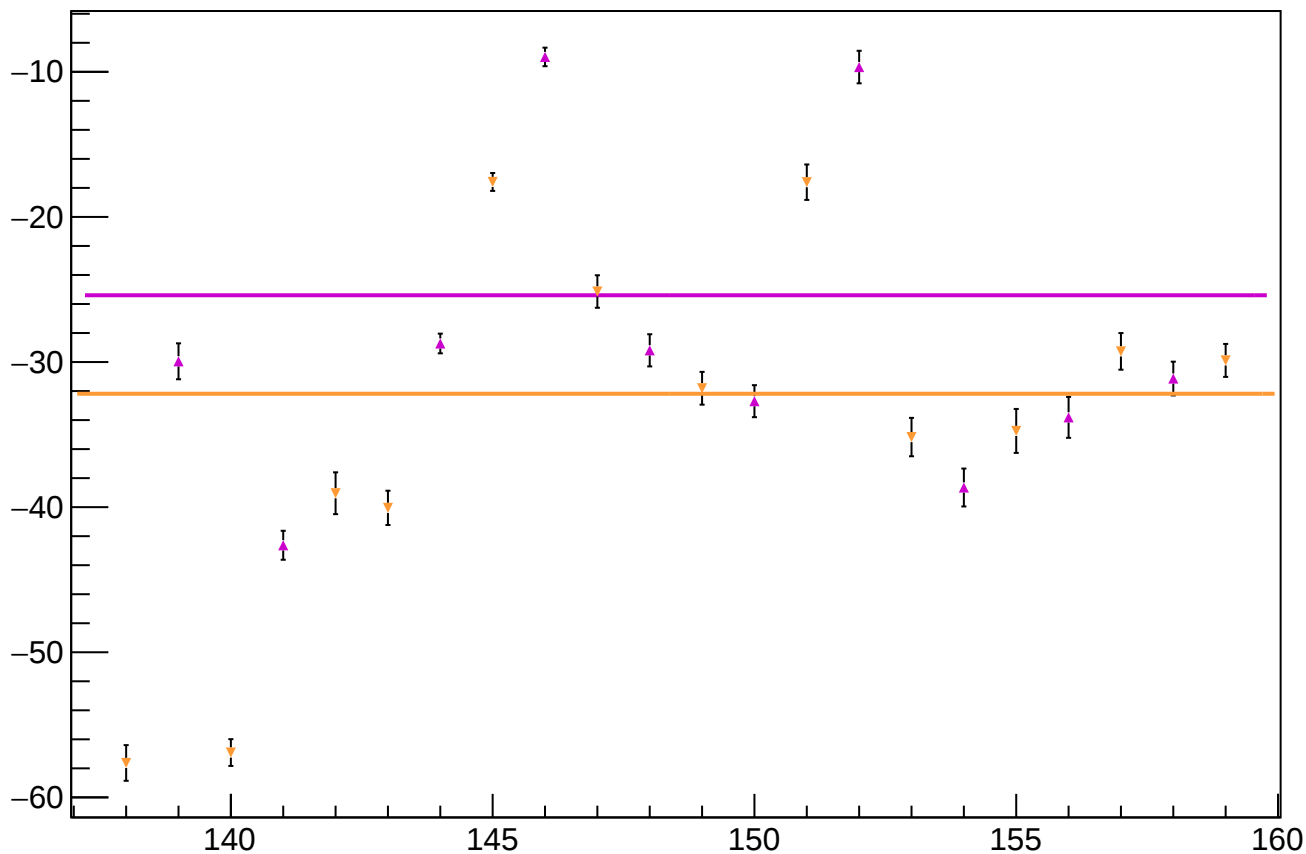
Left In: 1.624 ± 0.029 χ^2/NDF : 197.4/9

+ sign 1.371 ± 0.026 χ^2/NDF : 1237.3/28

All: 1.352 ± 0.018 χ^2/NDF : 2917.0/57

- sign 1.330 ± 0.027 χ^2/NDF : 1678.5/28

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.185+/-0.311 χ^2/NDF : 1972.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

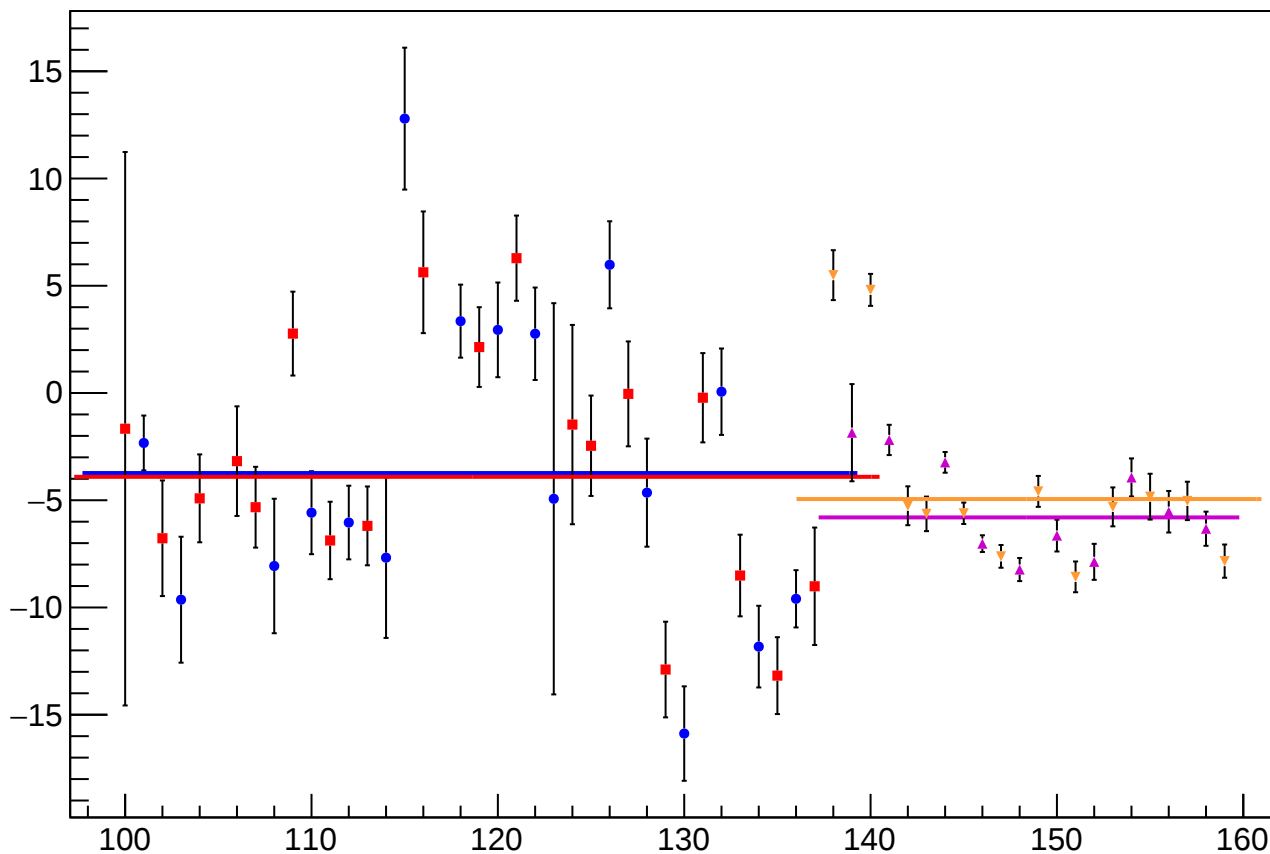
Left In: -25.398+/-0.308 χ^2/NDF : 1411.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.756+/-0.219 χ^2/NDF : 3624.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.944 ± 0.214 χ^2/NDF : 319.6/11

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

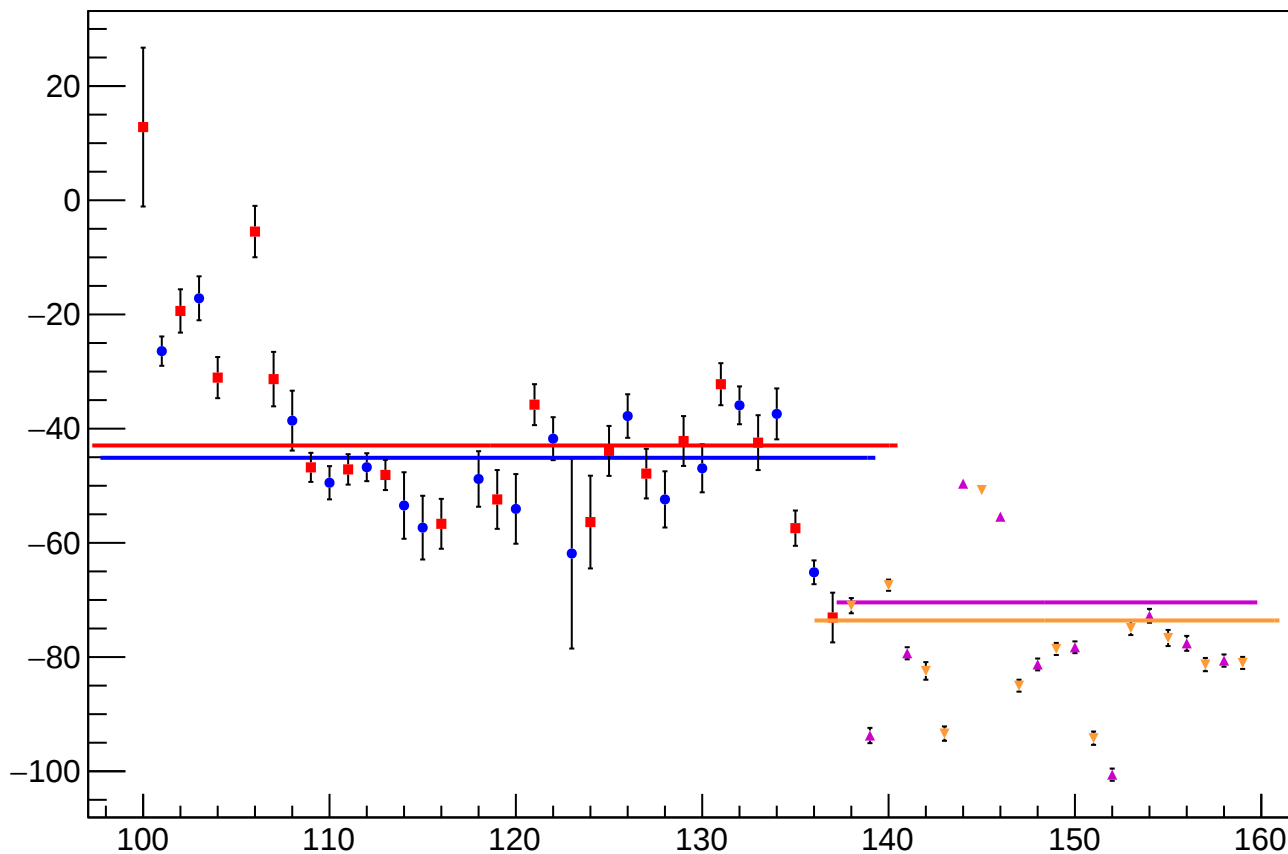
Left In: -5.801 ± 0.206 χ^2/NDF : 100.0/9

+ sign -4.753 ± 0.197 χ^2/NDF : 490.5/28

All: -5.156 ± 0.137 χ^2/NDF : 735.3/57

- sign -5.533 ± 0.191 χ^2/NDF : 236.8/28

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -73.592 ± 0.311 χ^2/NDF : 2090.3/11

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

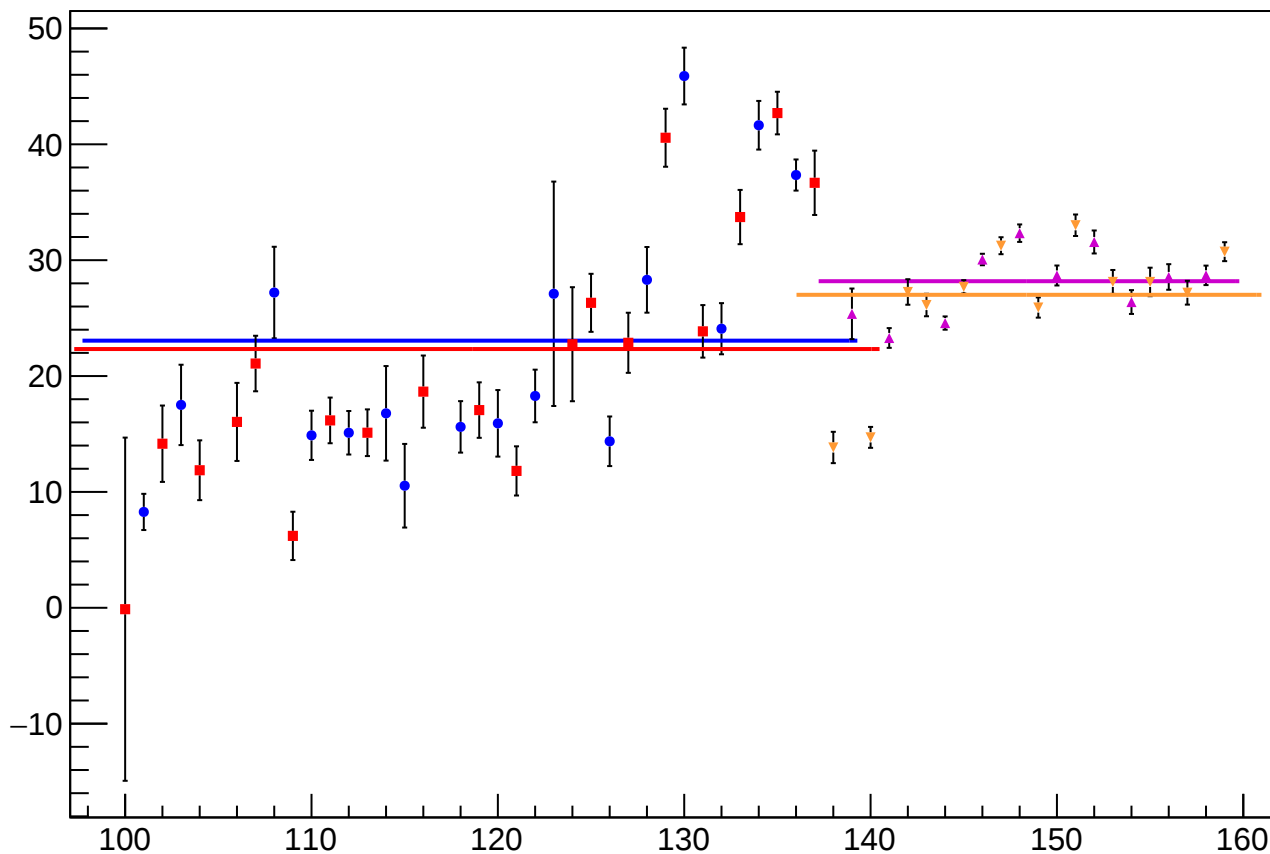
Left In: -70.428 ± 0.303 χ^2/NDF : 2873.0/9

+ sign -70.442 ± 0.293 χ^2/NDF : 3247.7/28

All: -68.933 ± 0.205 χ^2/NDF : 7297.8/57

- sign -67.493 ± 0.287 χ^2/NDF : 3998.5/28

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 27.011 $\pm$ 0.258 χ^2 /NDF: 382.8/11

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

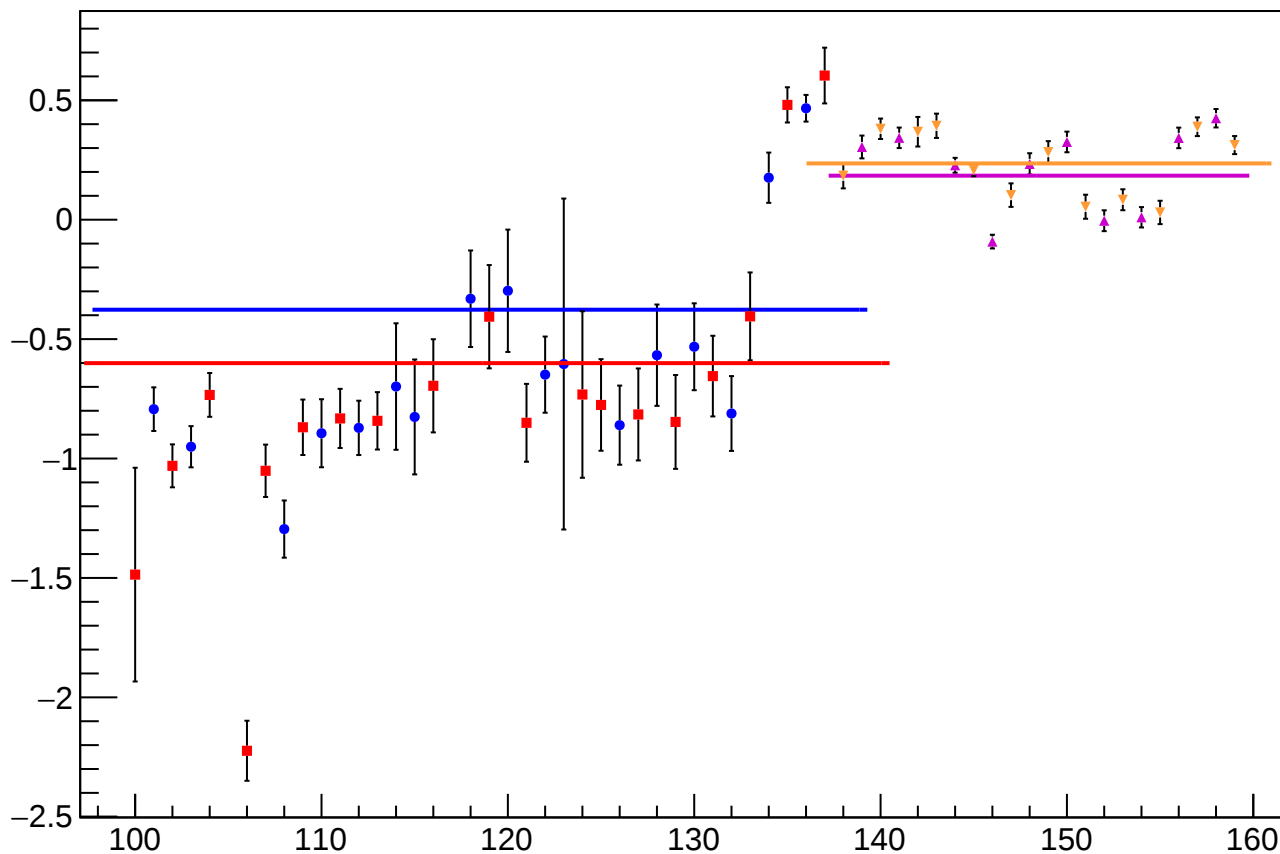
Left In: 28.186 $\pm$ 0.250 χ^2 /NDF: 134.5/9

+ sign 26.314 $\pm$ 0.234 χ^2 /NDF: 885.5/28

All: 26.791 $\pm$ 0.164 χ^2 /NDF: 1487.1/57

- sign 27.248 $\pm$ 0.229 χ^2 /NDF: 593.5/28

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.236 ± 0.012 $\chi^2/\text{NDF}: 98.2/11$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

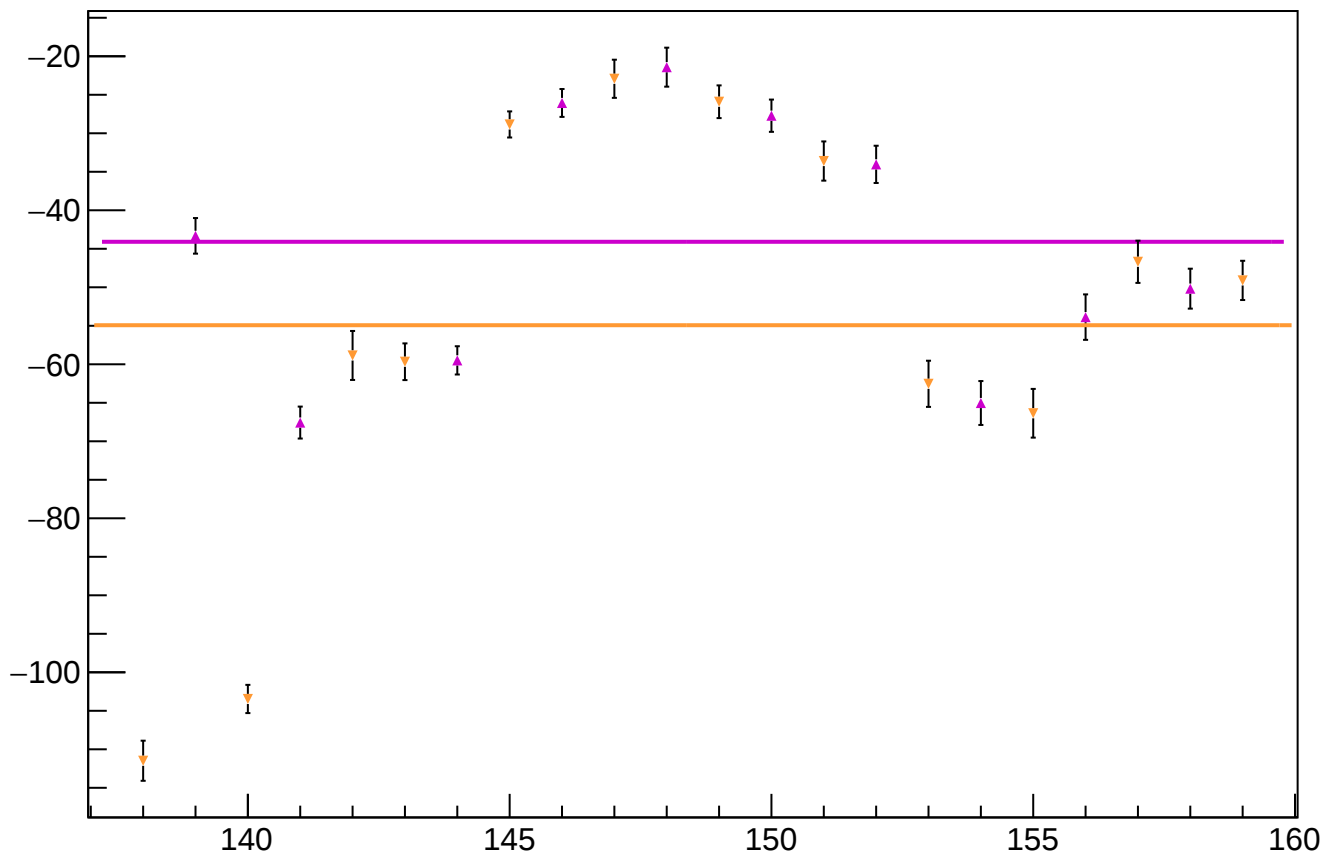
Left In: 0.184 ± 0.012 $\chi^2/\text{NDF}: 214.3/9$

+ sign 0.148 ± 0.011 $\chi^2/\text{NDF}: 890.6/28$

All: 0.110 ± 0.008 $\chi^2/\text{NDF}: 2262.1/57$

- sign 0.072 ± 0.011 $\chi^2/\text{NDF}: 1349.0/28$

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -54.927+/-0.689 χ^2/NDF :1872.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

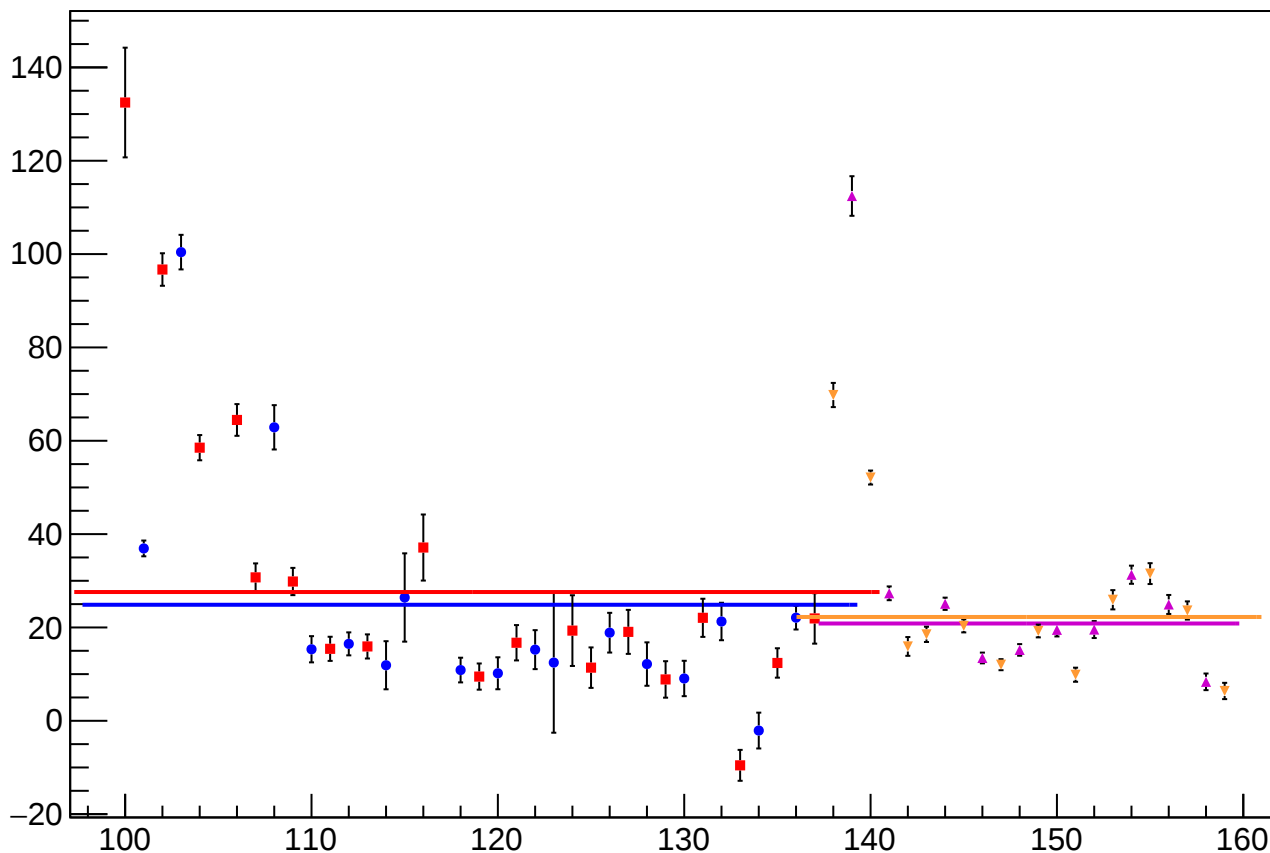
Left In: -44.092+/-0.714 χ^2/NDF :526.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.699+/-0.496 χ^2/NDF : 2518.7/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 22.246 ± 0.475 χ^2/NDF : 1000.4/11

Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18

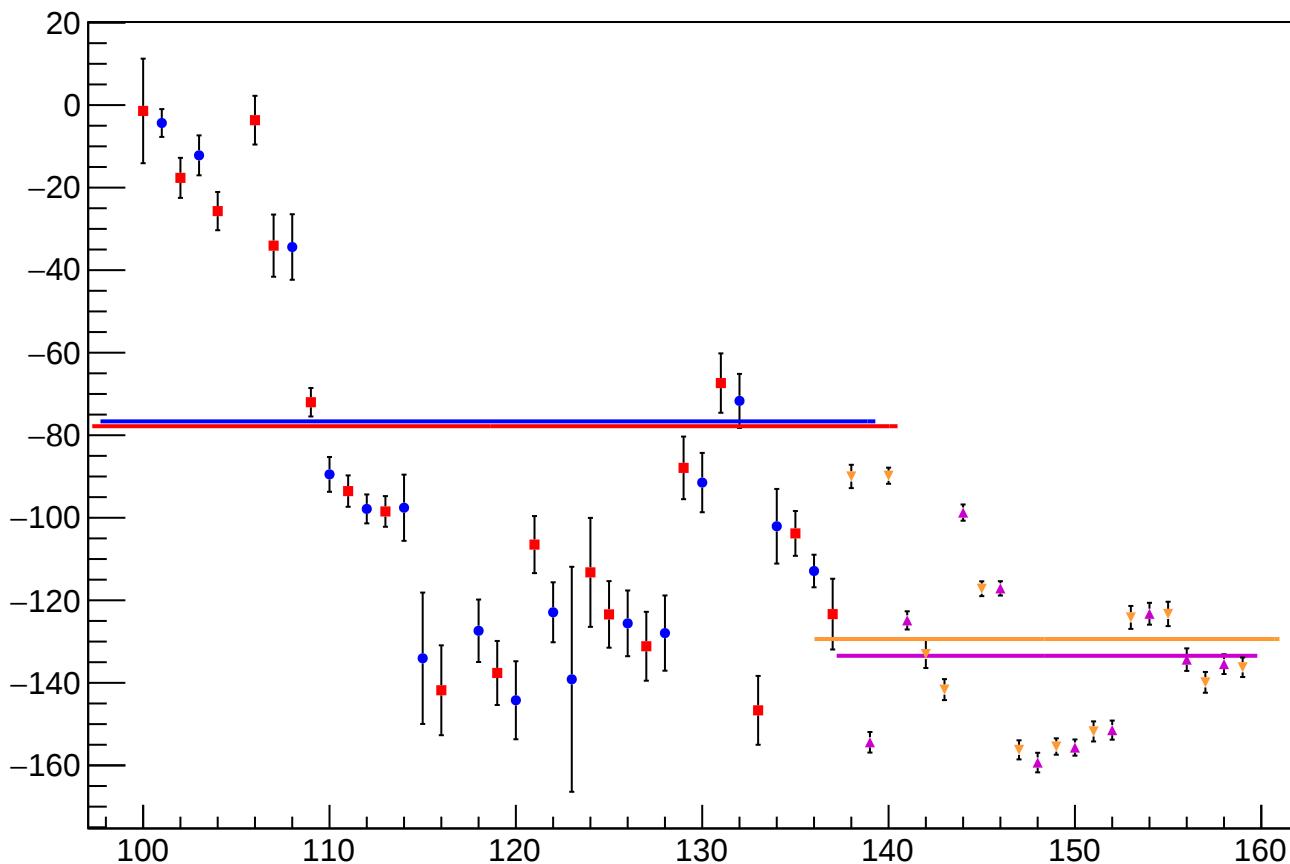
Left In: 20.848 ± 0.493 χ^2/NDF : 641.2/9

+ sign 22.925 ± 0.408 χ^2/NDF : 1699.3/28

All: 22.802 ± 0.293 χ^2/NDF : 3402.3/57

- sign 22.671 ± 0.421 χ^2/NDF : 1702.8/28

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -129.380 ± 0.685 χ^2/NDF : 1101.3/11

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

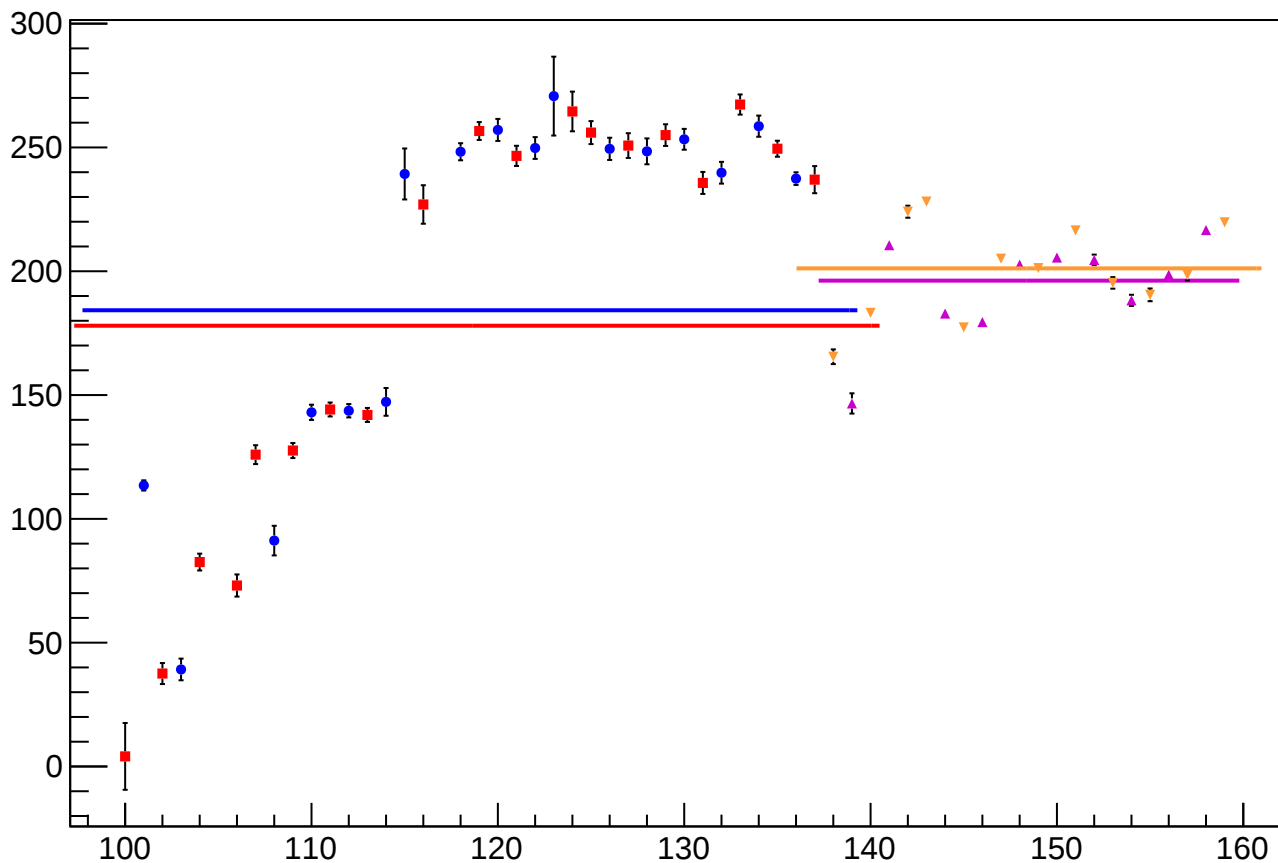
Left In: -133.446 ± 0.702 χ^2/NDF : 809.0/9

+ sign -119.360 ± 0.617 χ^2/NDF : 3267.5/28

All: -120.489 ± 0.438 χ^2/NDF : 6290.1/57

- sign -121.641 ± 0.623 χ^2/NDF : 3015.8/28

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 201.158 $\pm$ 0.570 χ^2 /NDF: 935.7/11

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

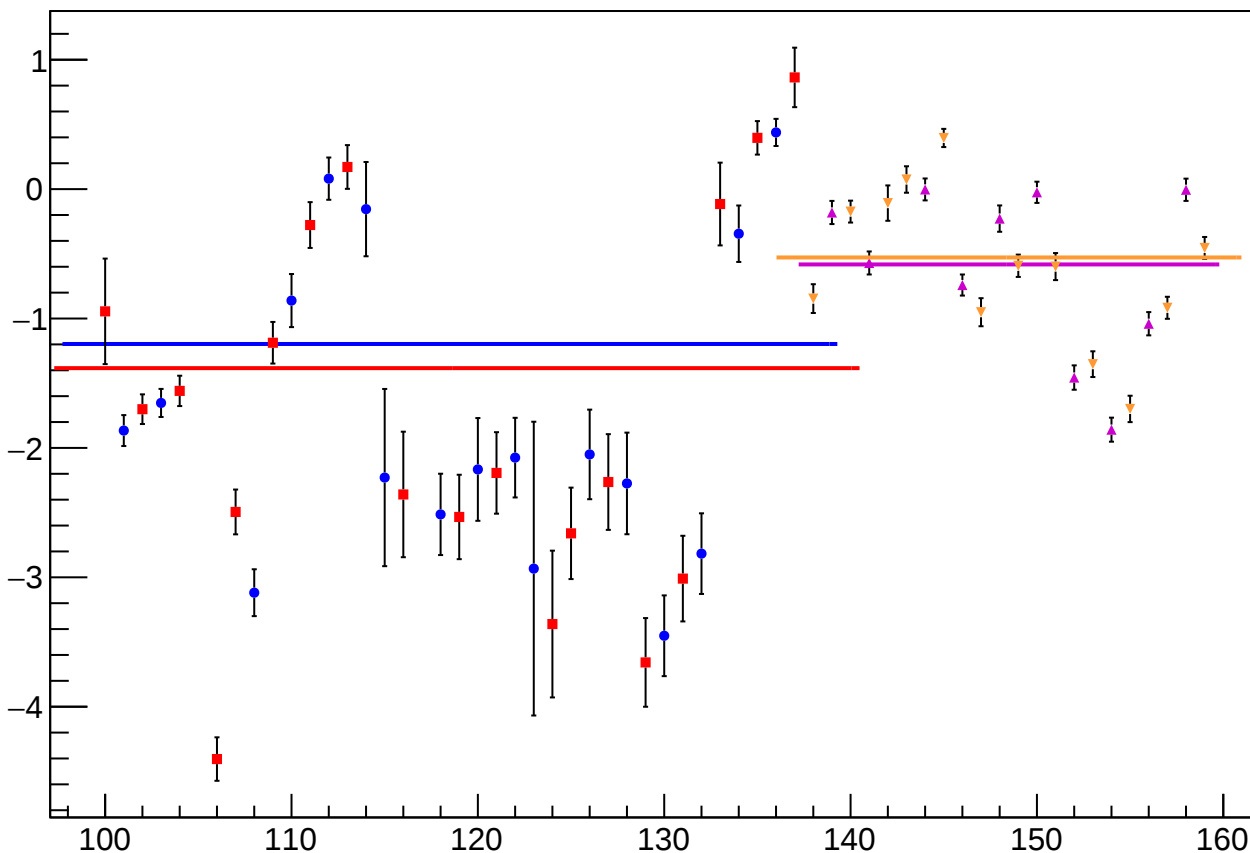
Left In: 196.212 $\pm$ 0.590 χ^2 /NDF: 615.4/9

+ sign 196.432 $\pm$ 0.484 χ^2 /NDF: 6570.3/28

All: 193.757 $\pm$ 0.347 χ^2 /NDF: 13862.6/57

- sign 190.930 $\pm$ 0.497 χ^2 /NDF: 7229.3/28

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.197 $\pm$ 0.048 χ^2/NDF : 621.5/16

Left Out: -0.528 $\pm$ 0.027 χ^2/NDF : 480.7/11

Right Out: -1.383 $\pm$ 0.046 χ^2/NDF : 923.4/18

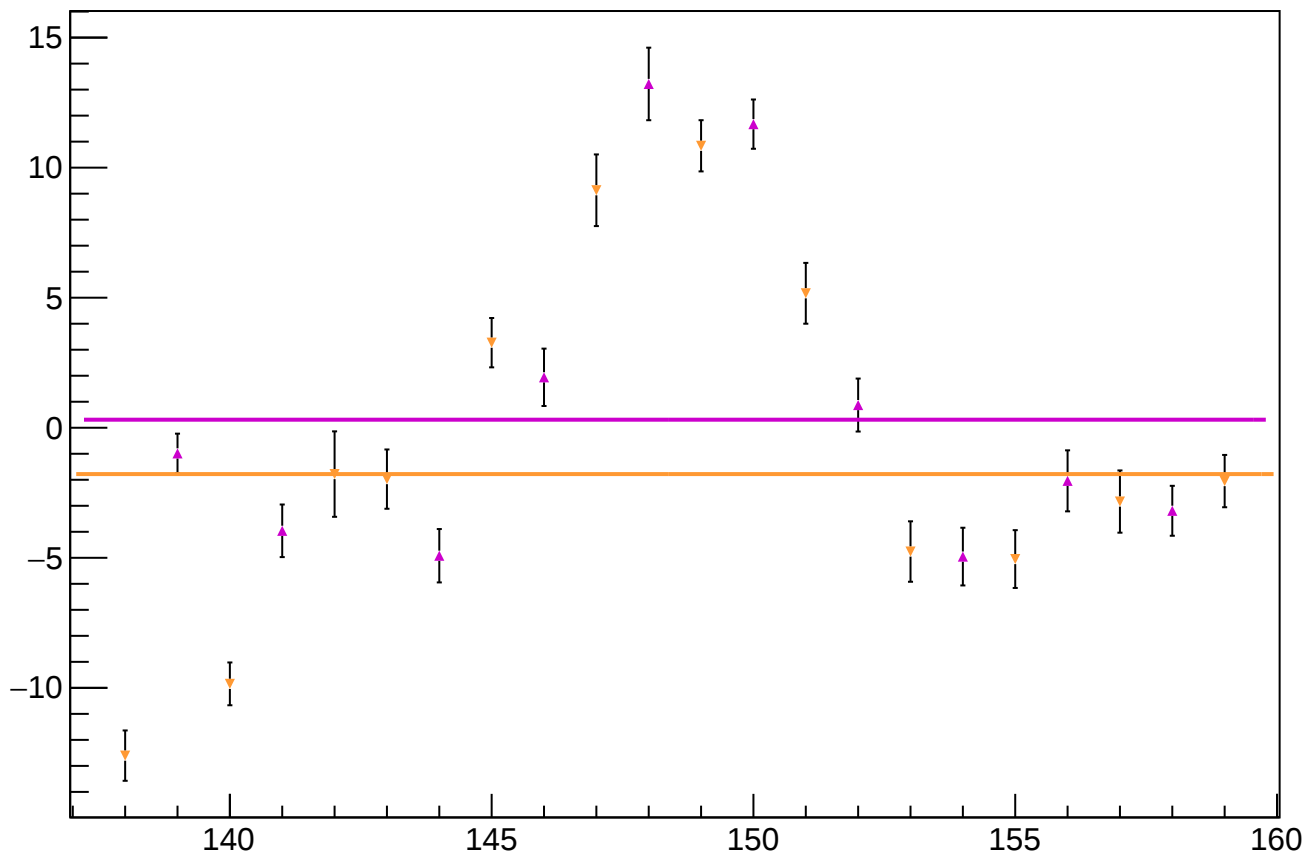
Left In: -0.582 $\pm$ 0.028 χ^2/NDF : 475.3/9

+ sign -0.690 $\pm$ 0.024 χ^2/NDF : 1248.6/28

All: -0.744 $\pm$ 0.017 χ^2/NDF : 2881.2/57

- sign -0.800 $\pm$ 0.024 χ^2/NDF : 1621.7/28

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.781+/-0.311 χ^2/NDF : 528.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

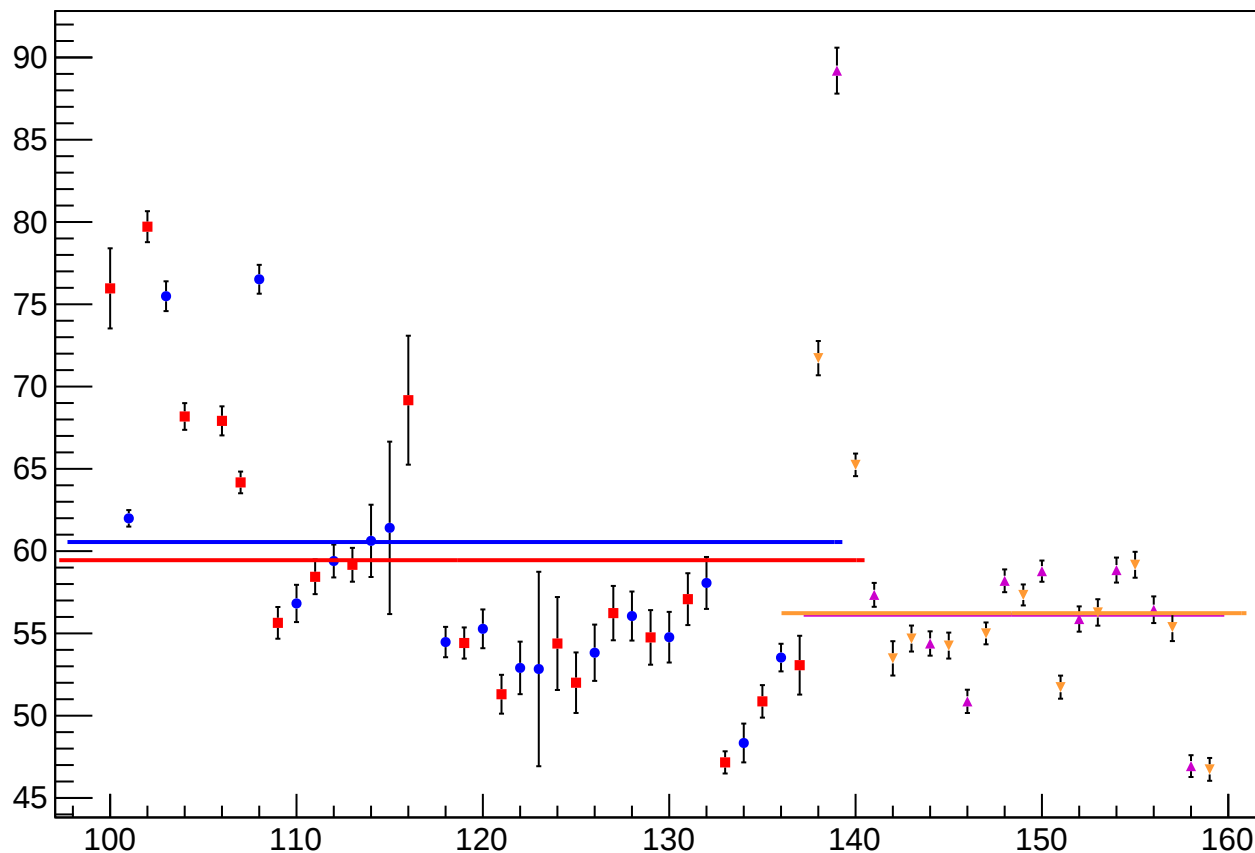
Left In: 0.310+/-0.321 χ^2/NDF : 318.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.768+/-0.223 χ^2/NDF : 868.7/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 56.229 ± 0.221 $\chi^2/\text{NDF}: 660.6/11$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

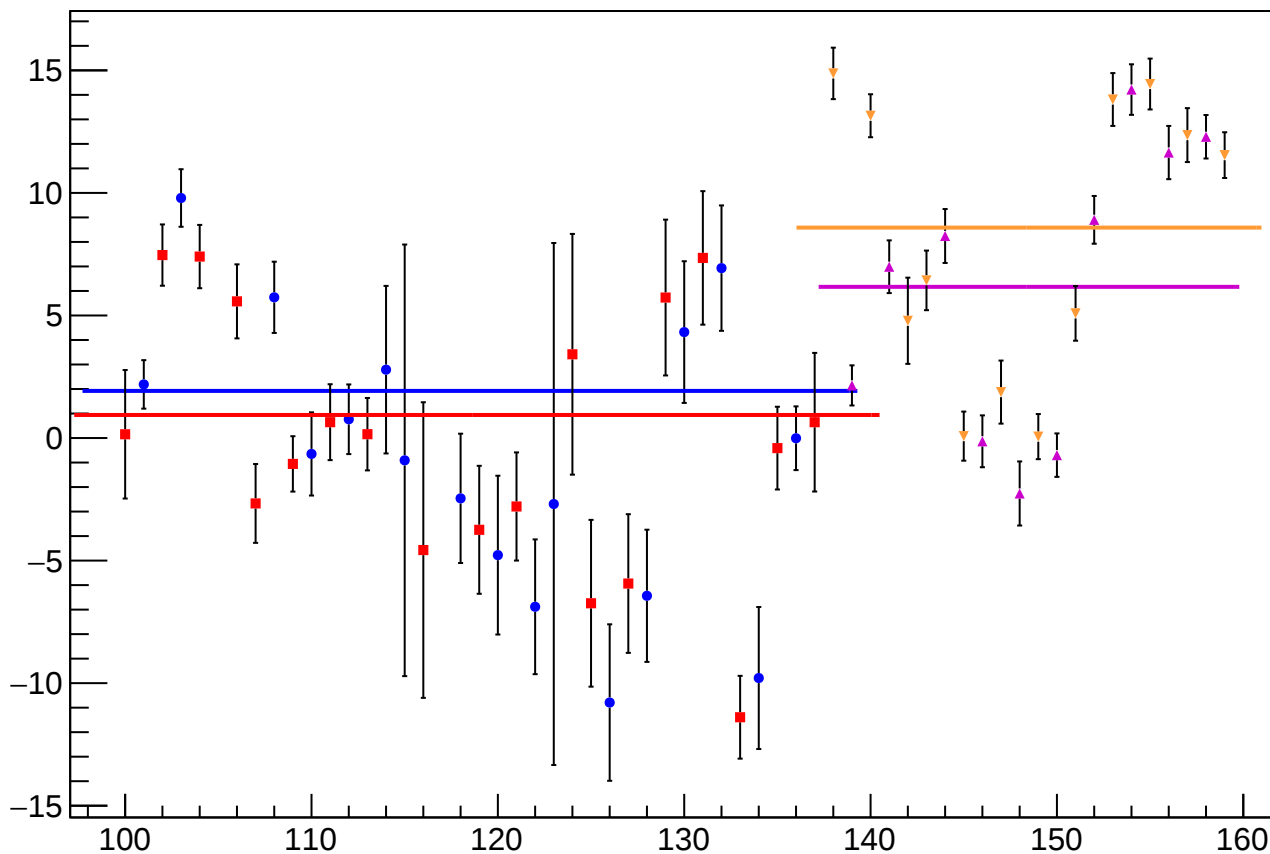
Left In: 56.135 ± 0.236 $\chi^2/\text{NDF}: 855.8/9$

+ sign 58.024 ± 0.169 $\chi^2/\text{NDF}: 1751.1/28$

All: 57.870 ± 0.120 $\chi^2/\text{NDF}: 4023.7/57$

- sign 57.713 ± 0.171 $\chi^2/\text{NDF}: 2270.9/28$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 8.586 ± 0.308 χ^2/NDF : 343.0/11

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

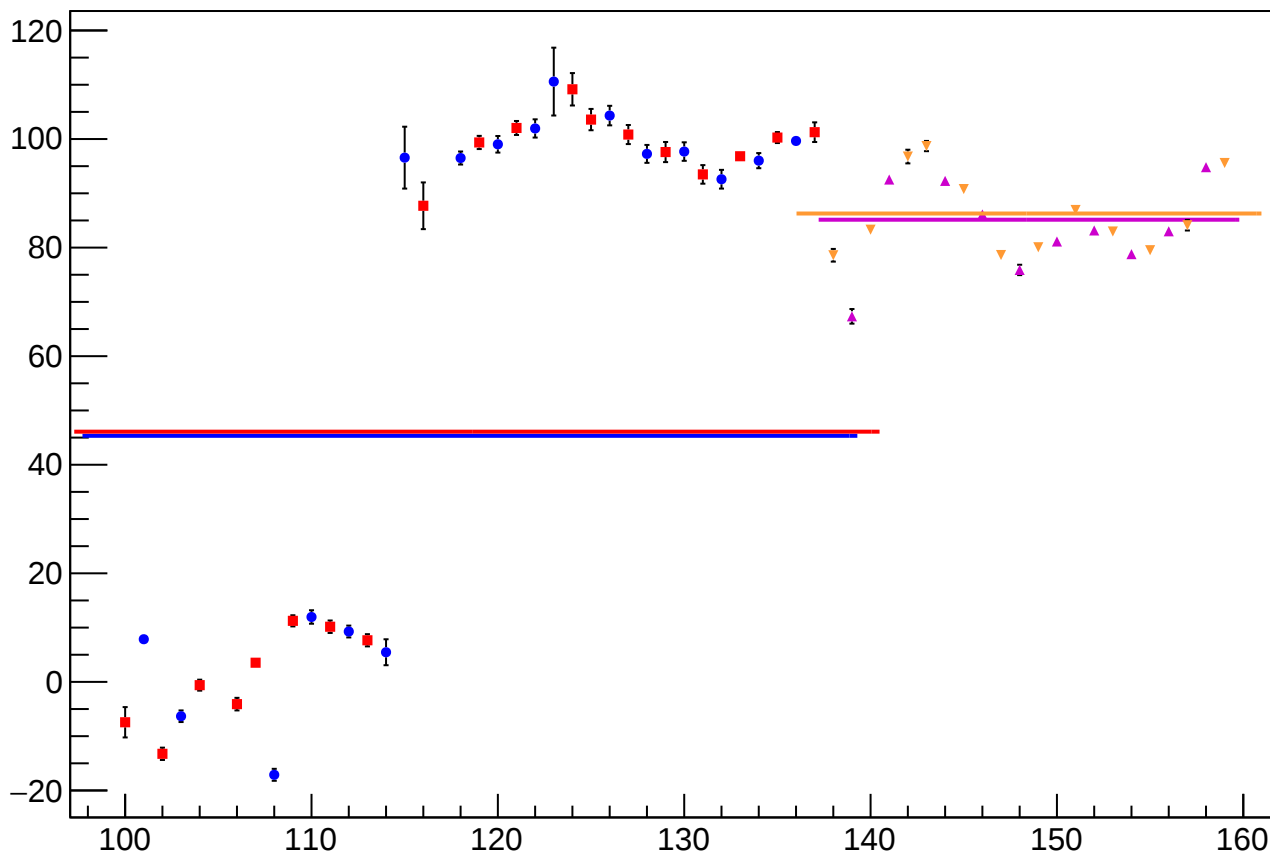
Left In: 6.168 ± 0.315 χ^2/NDF : 307.3/9

+ sign 6.515 ± 0.256 χ^2/NDF : 609.7/28

All: 5.400 ± 0.180 χ^2/NDF : 1202.7/57

- sign 4.306 ± 0.253 χ^2/NDF : 555.3/28

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.331+/-0.304 χ^2 /NDF: 25006.9/16

Left Out: 86.280+/-0.261 χ^2 /NDF: 697.9/11

Right Out: 46.094+/-0.289 χ^2 /NDF: 28267.6/18

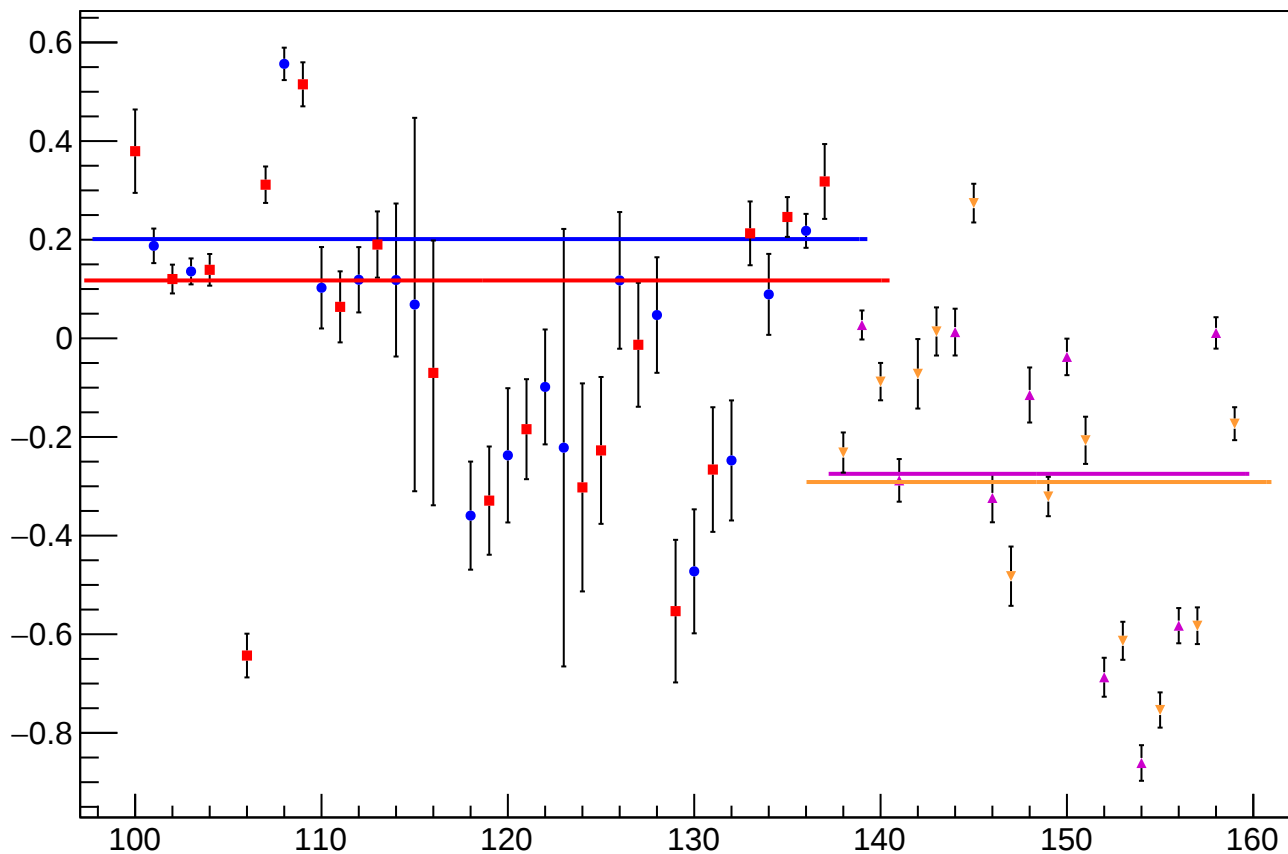
Left In: 85.137+/-0.276 χ^2 /NDF: 692.6/9

+ sign 68.901+/-0.198 χ^2 /NDF: 36176.3/28

All: 67.730+/-0.140 χ^2 /NDF: 74750.7/57

- sign 66.538+/-0.200 χ^2 /NDF: 38503.7/28

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.291 ± 0.012 χ^2/NDF : 612.3/11

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

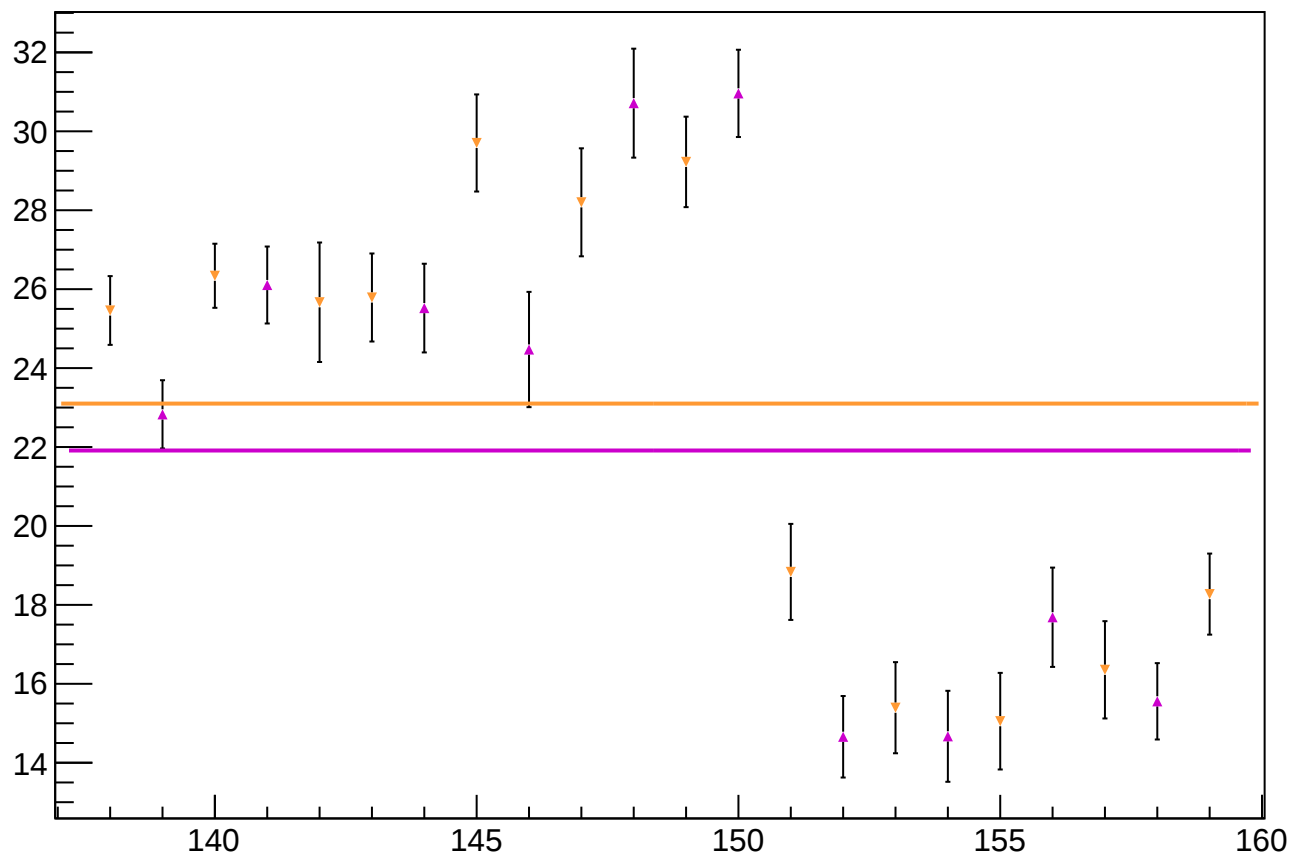
Left In: -0.275 ± 0.012 χ^2/NDF : 719.7/9

+ sign -0.084 ± 0.009 χ^2/NDF : 1542.6/28

All: -0.088 ± 0.006 χ^2/NDF : 3247.1/57

- sign -0.092 ± 0.009 χ^2/NDF : 1704.1/28

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 23.101+/-0.321 χ^2/NDF :255.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

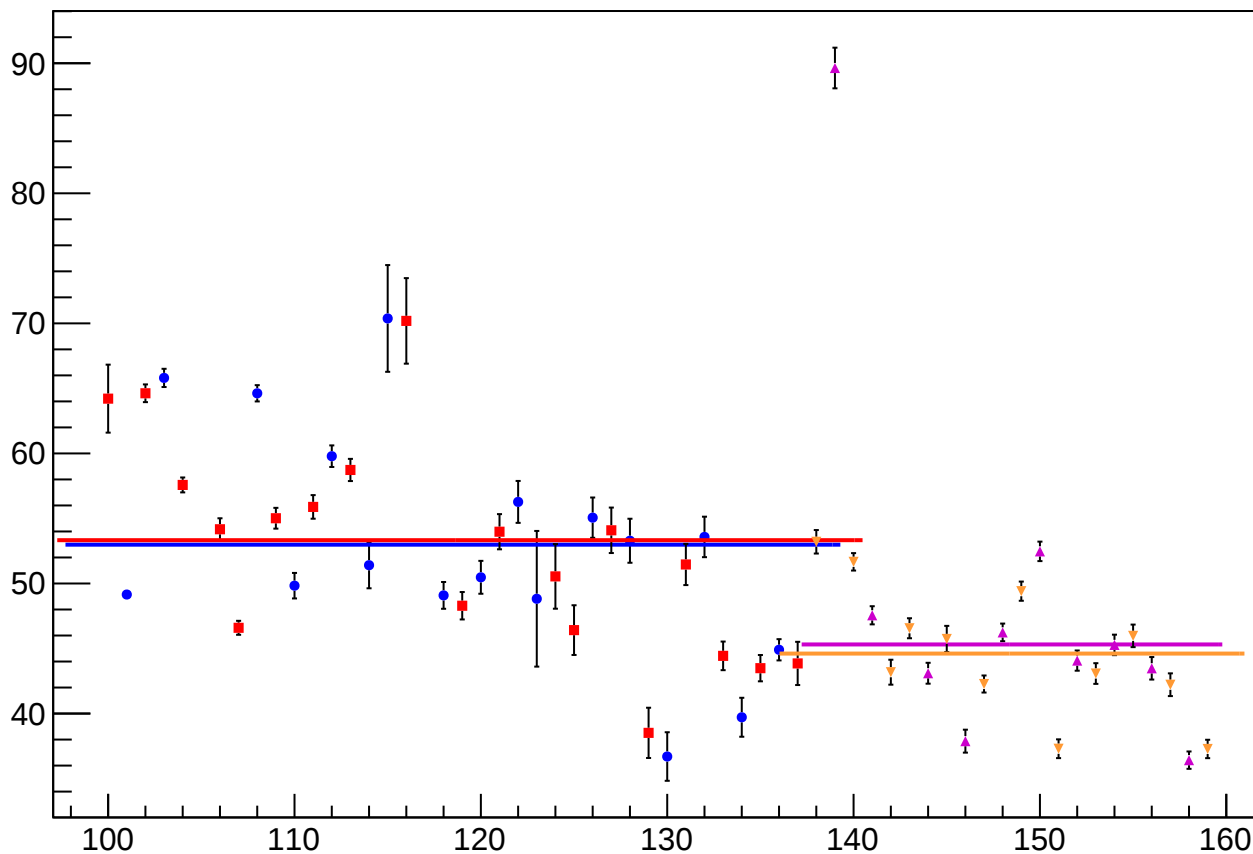
Left In: 21.912+/-0.345 χ^2/NDF :283.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.550+/-0.235 χ^2/NDF : 545.5/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 44.611 $\pm$ 0.226 χ^2 /NDF: 490.3/11

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

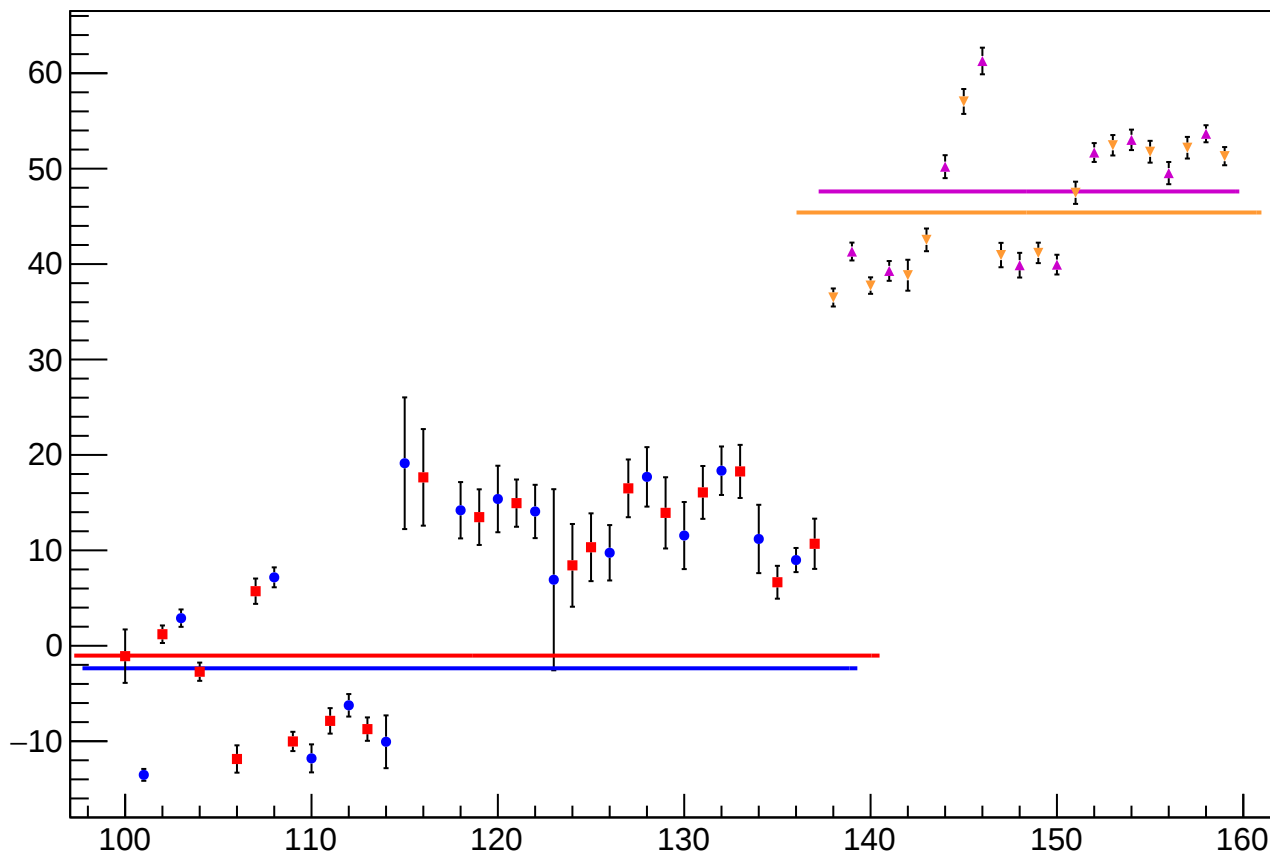
Left In: 45.313 $\pm$ 0.249 χ^2 /NDF: 1170.9/9

+ sign 49.104 $\pm$ 0.154 χ^2 /NDF: 2422.9/28

All: 49.378 $\pm$ 0.113 χ^2 /NDF: 5041.3/57

- sign 49.703 $\pm$ 0.168 χ^2 /NDF: 2611.5/28

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 45.405 ± 0.318 χ^2/NDF : 448.5/11

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

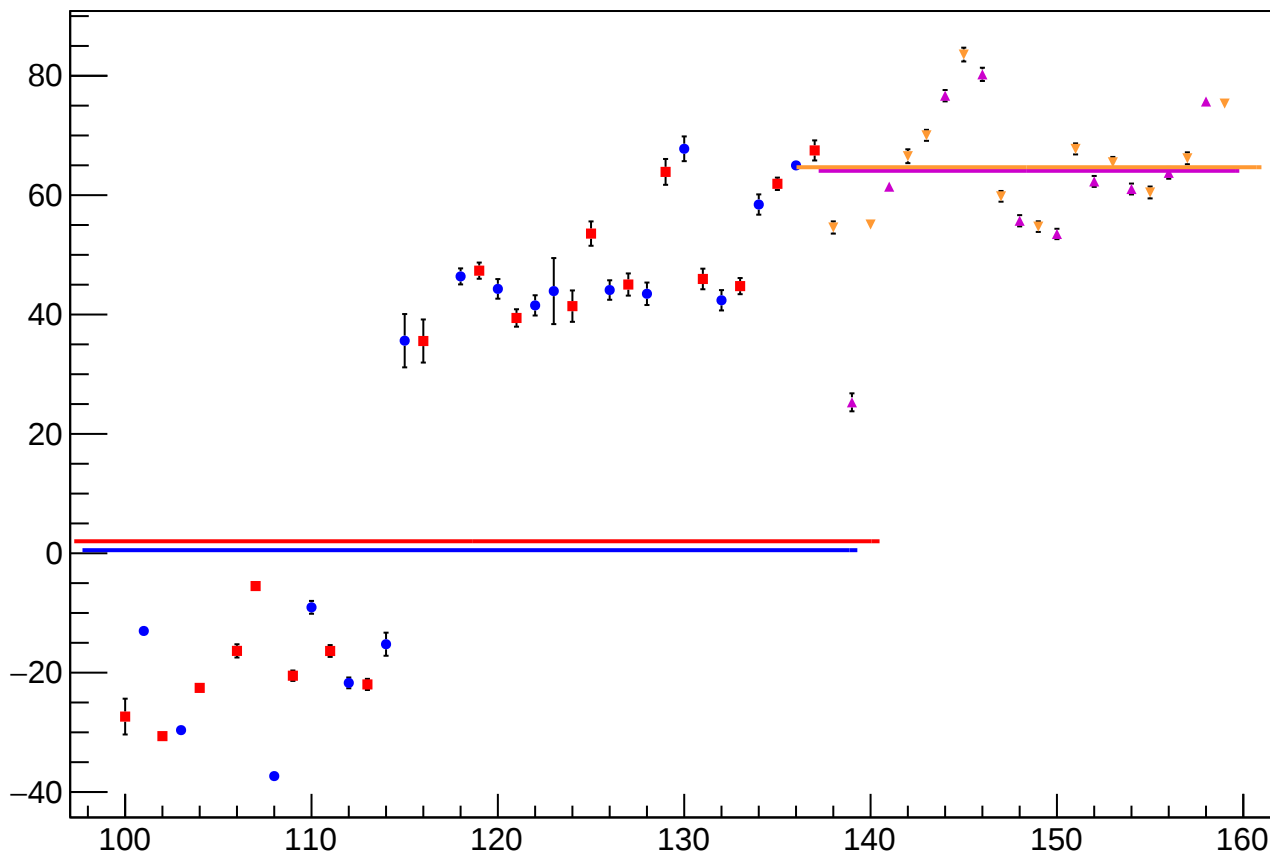
Left In: 47.609 ± 0.339 χ^2/NDF : 392.1/9

+ sign 24.714 ± 0.240 χ^2/NDF : 11039.4/28

All: 25.249 ± 0.174 χ^2/NDF : 21154.6/57

- sign 25.840 ± 0.252 χ^2/NDF : 10104.8/28

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 64.680 ± 0.269 χ^2/NDF : 933.7/11

Right Out: 2.013 ± 0.266 χ^2/NDF : 15473.7/18

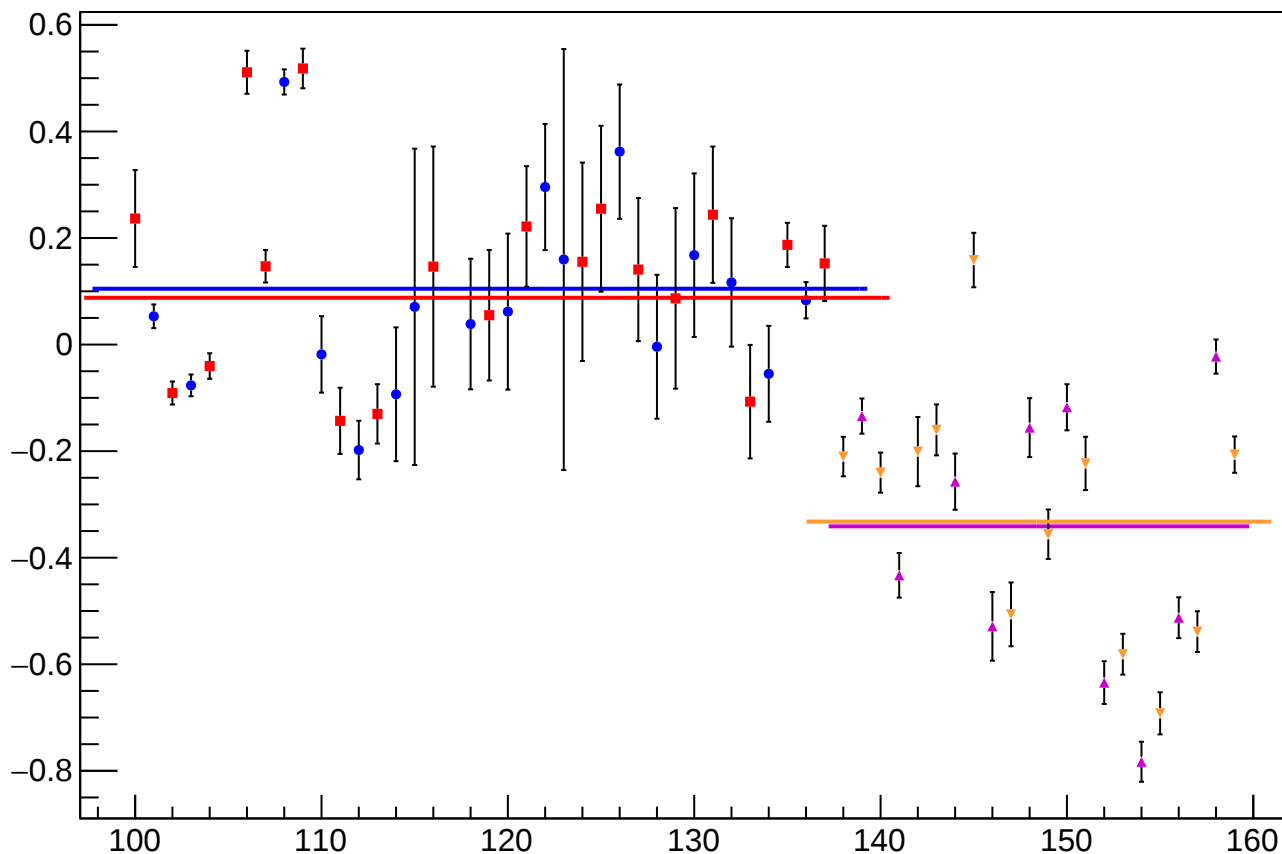
Left In: 64.082 ± 0.292 χ^2/NDF : 1577.0/9

+ sign 29.910 ± 0.182 χ^2/NDF : 50248.8/28

All: 30.022 ± 0.134 χ^2/NDF : 91921.5/57

- sign 30.153 ± 0.197 χ^2/NDF : 41671.8/28

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.332 ± 0.012 χ^2/NDF : 307.4/11

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

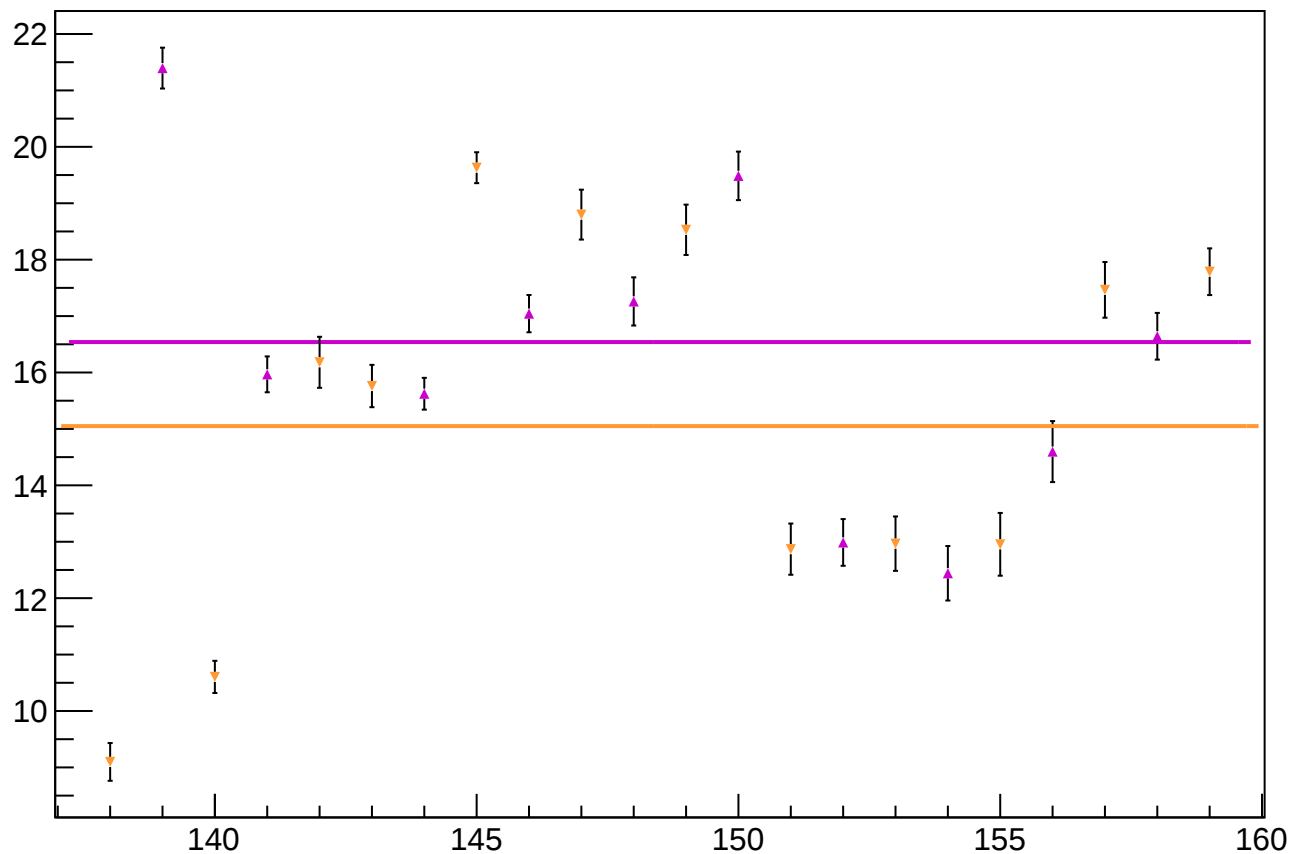
Left In: -0.341 ± 0.013 χ^2/NDF : 403.3/9

+ sign -0.088 ± 0.008 χ^2/NDF : 1401.3/28

All: -0.090 ± 0.006 χ^2/NDF : 2830.9/57

- sign -0.091 ± 0.008 χ^2/NDF : 1429.5/28

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 15.050+/-0.113 χ^2/NDF :1104.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

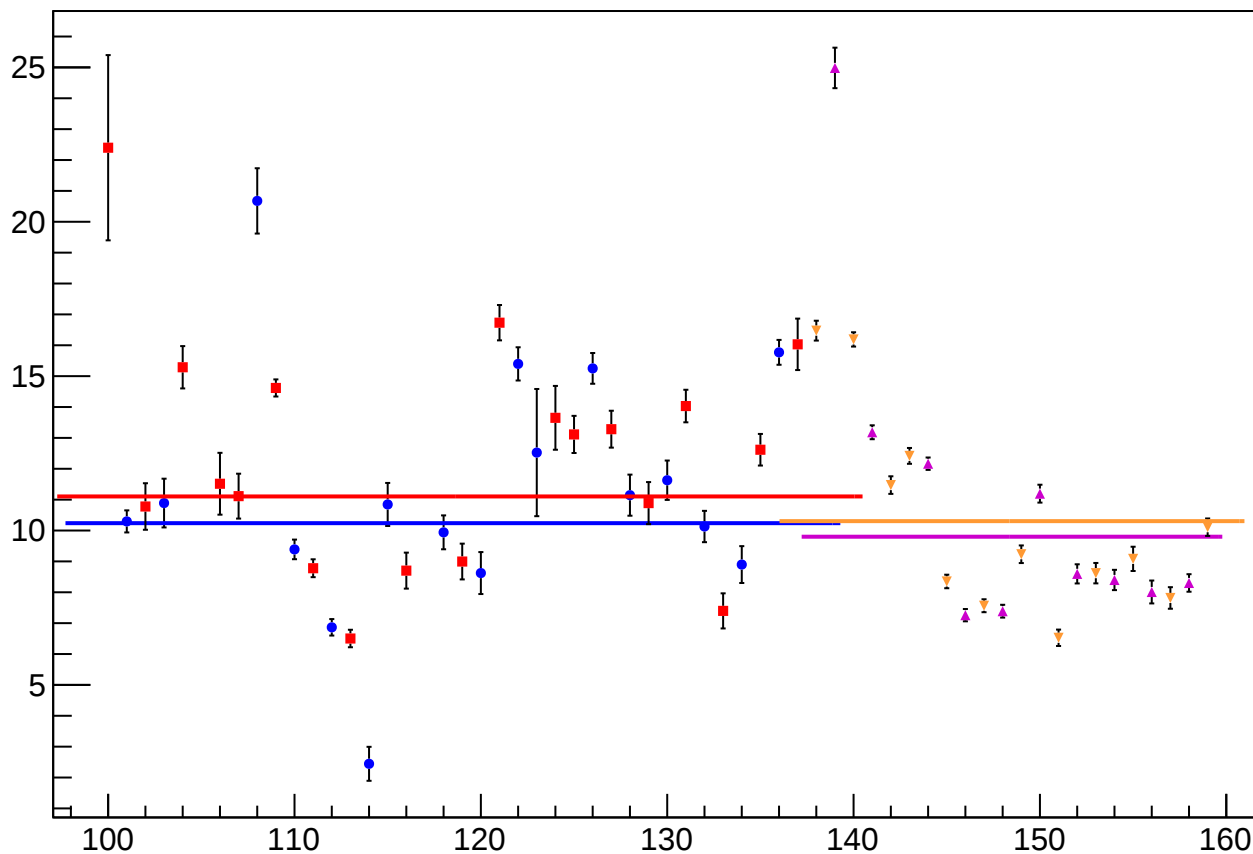
Left In: 16.540+/-0.120 χ^2/NDF :404.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

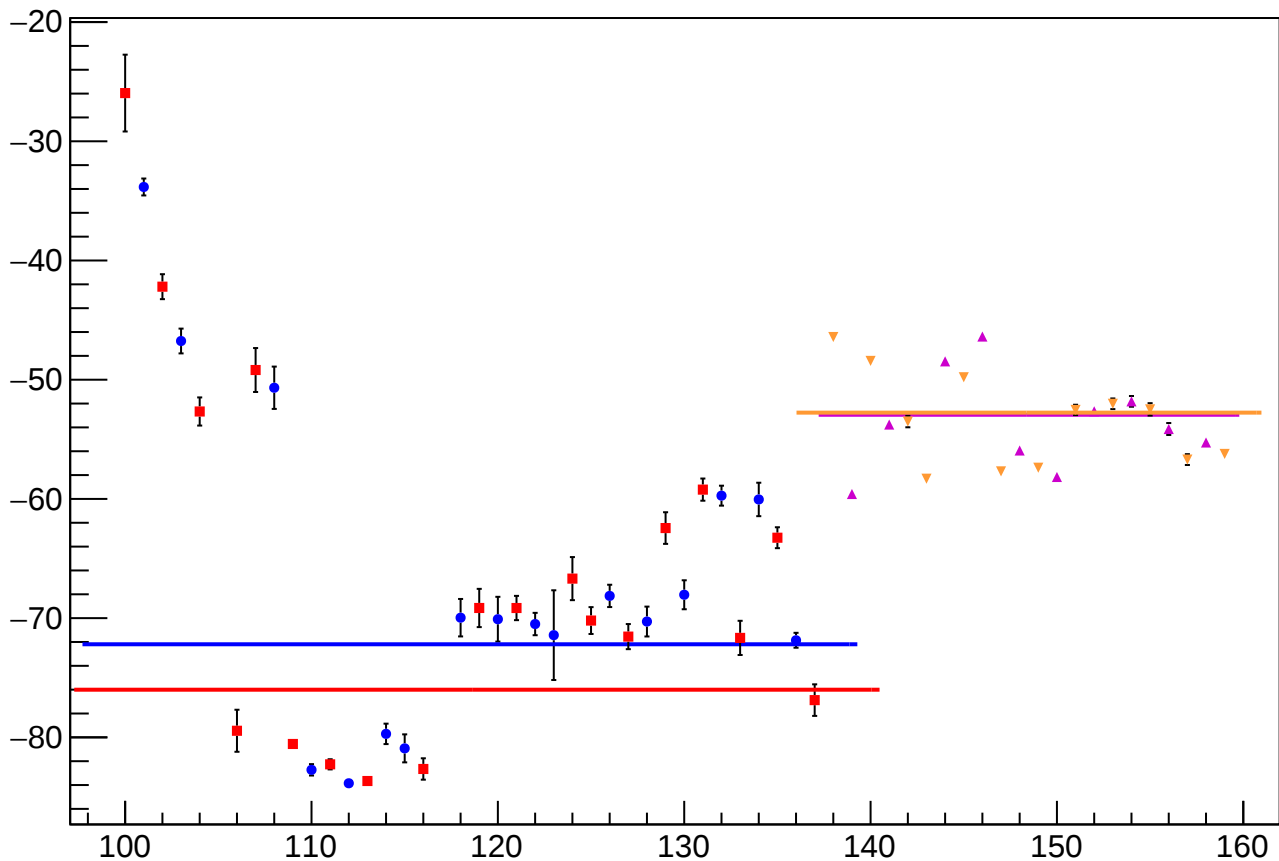
All: 15.747+/-0.082 χ^2/NDF : 1591.1/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -52.761 ± 0.113 χ^2/NDF : 1232.0/11

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

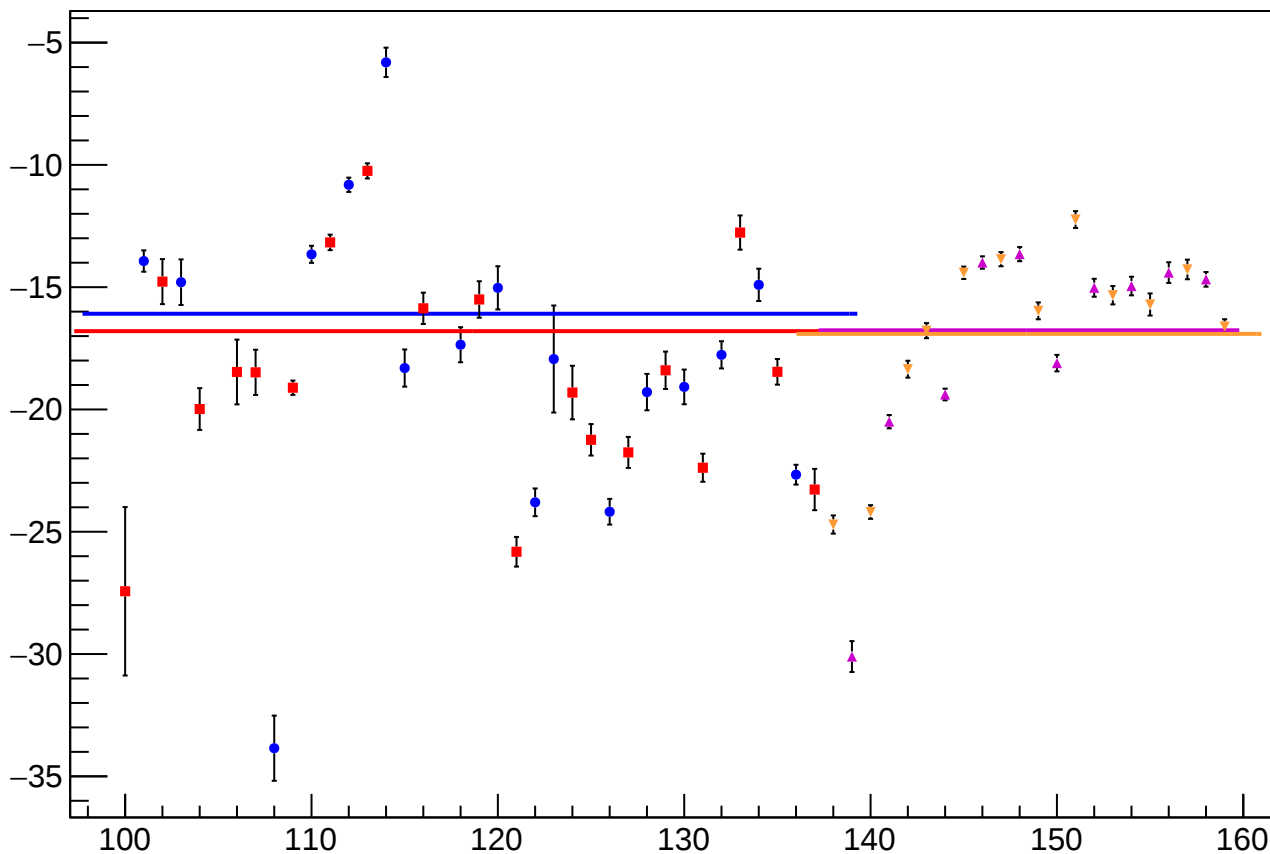
Left In: -52.941 ± 0.119 χ^2/NDF : 1217.3/9

+ sign -57.550 ± 0.098 χ^2/NDF : 14042.3/28

All: -58.709 ± 0.070 χ^2/NDF : 30354.5/57

- sign -59.890 ± 0.099 χ^2/NDF : 16031.9/28

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -16.910 ± 0.094 $\chi^2/\text{NDF}: 1602.5/11$

Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$

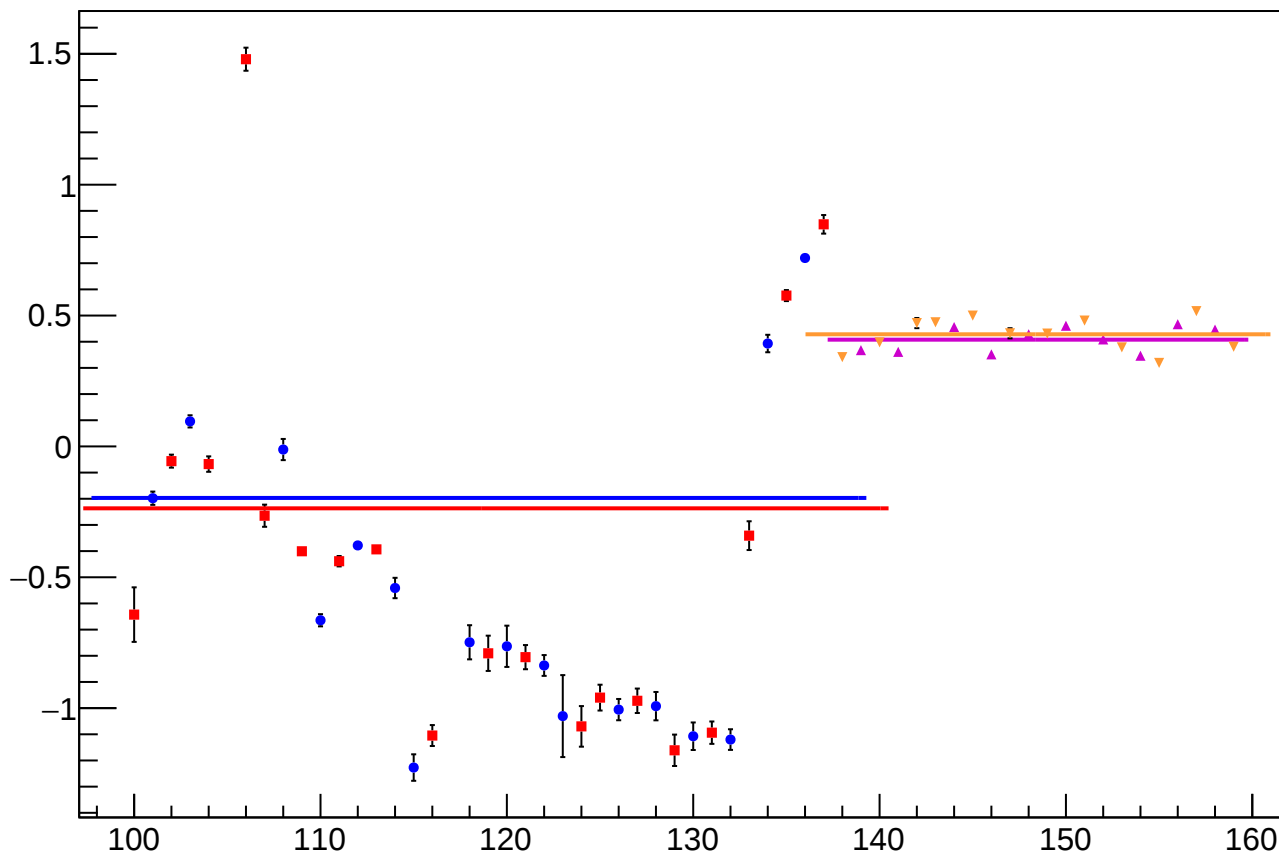
Left In: -16.763 ± 0.099 $\chi^2/\text{NDF}: 1132.0/9$

+ sign -16.634 ± 0.077 $\chi^2/\text{NDF}: 3249.8/28$

All: -16.703 ± 0.055 $\chi^2/\text{NDF}: 5597.6/57$

- sign -16.776 ± 0.079 $\chi^2/\text{NDF}: 2346.1/28$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.428 ± 0.004 χ^2/NDF : 193.7/11

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

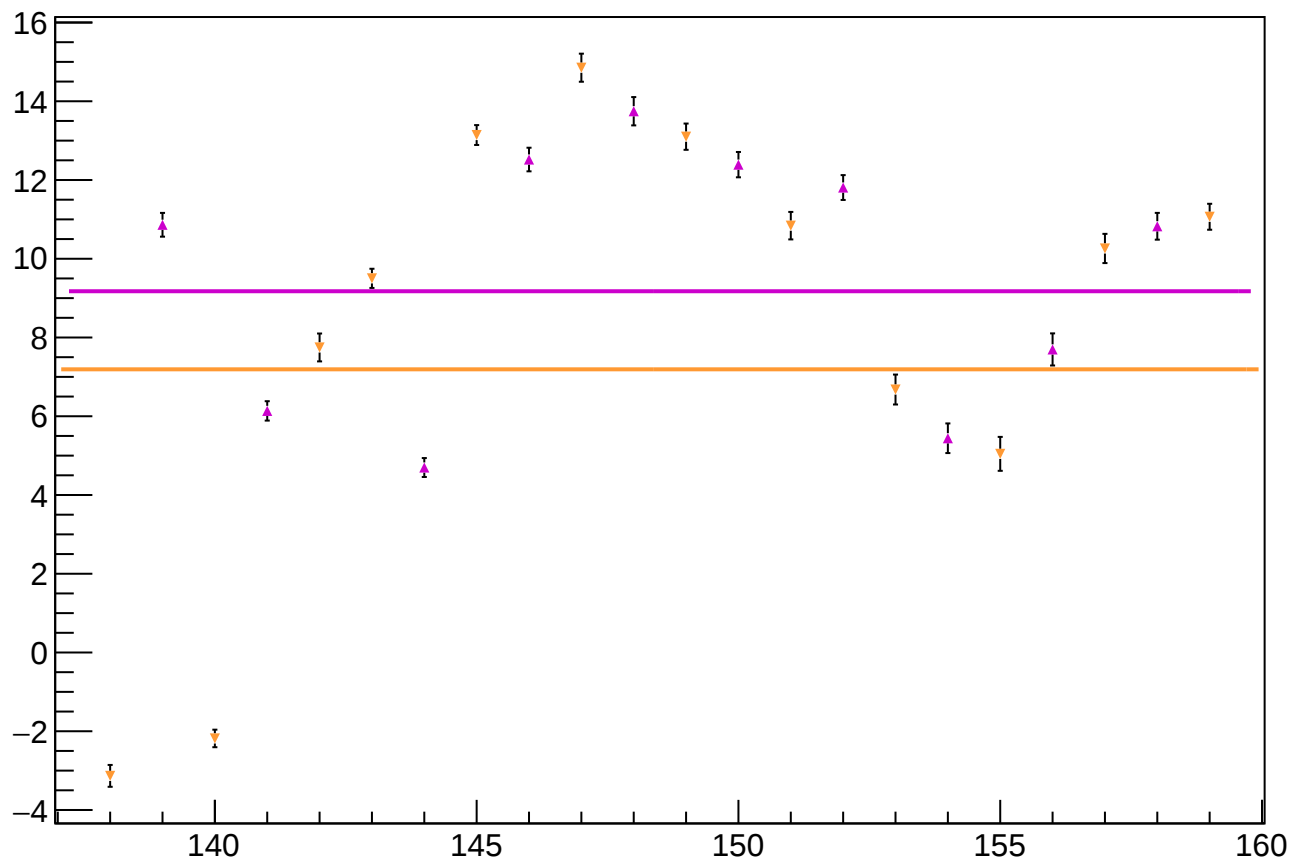
Left In: 0.408 ± 0.005 χ^2/NDF : 95.3/9

+ sign 0.265 ± 0.004 χ^2/NDF : 11594.0/28

All: 0.240 ± 0.003 χ^2/NDF : 23630.2/57

- sign 0.213 ± 0.004 χ^2/NDF : 11945.8/28

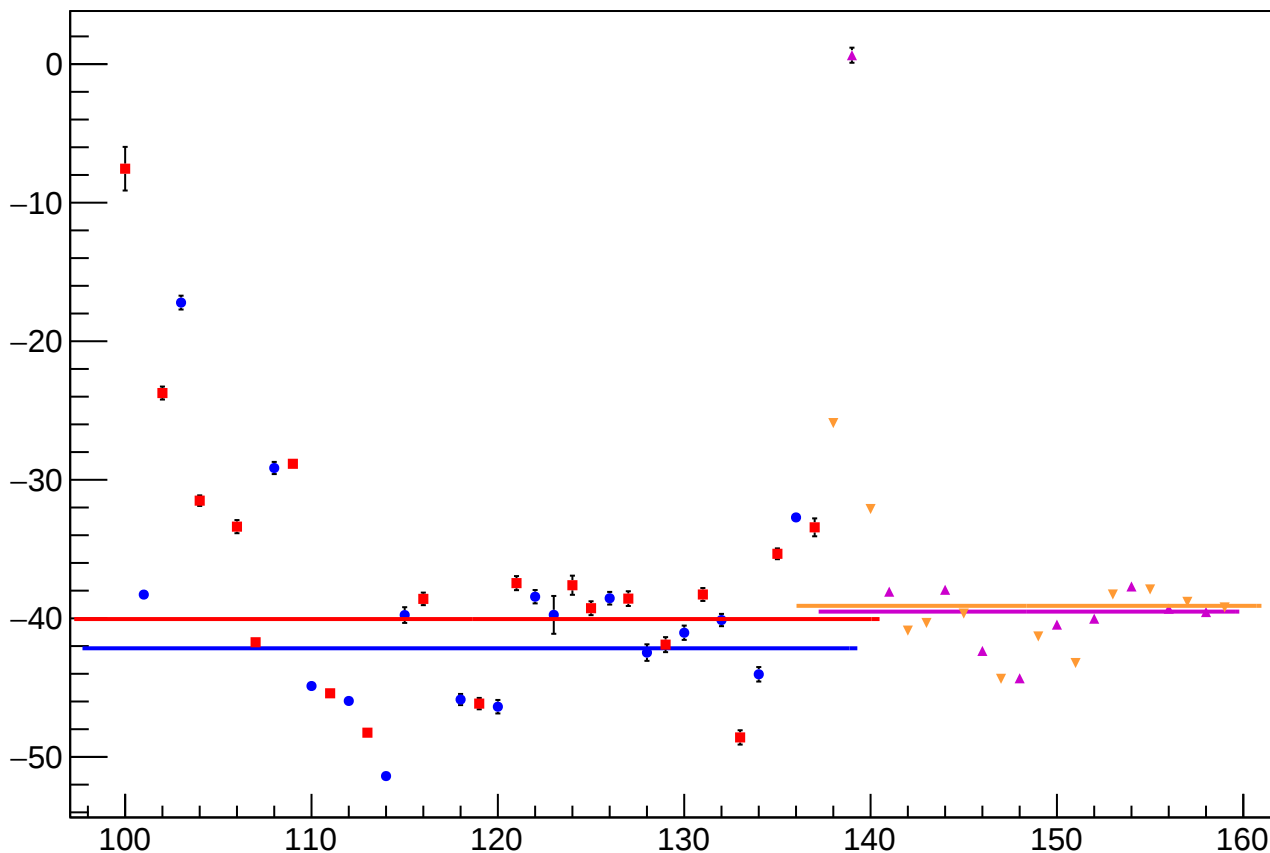
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.192+/-0.089 χ^2/NDF :4922.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.175+/-0.098 χ^2/NDF :1121.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.088+/-0.066 χ^2/NDF : 6270.2/21
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -39.096 ± 0.062 χ^2/NDF : 5514.2/11

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

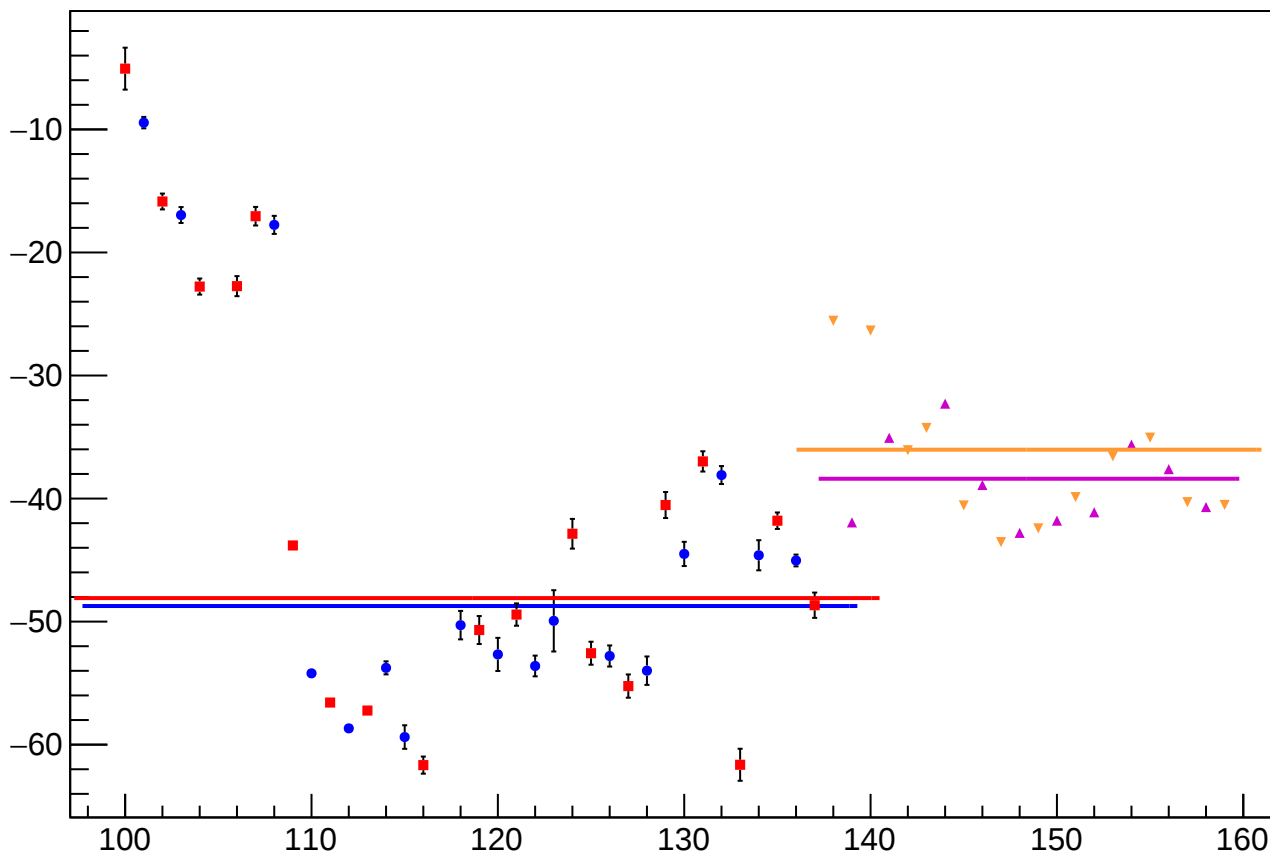
Left In: -39.513 ± 0.068 χ^2/NDF : 6643.4/9

+ sign -40.274 ± 0.048 χ^2/NDF : 13036.8/28

All: -40.026 ± 0.035 χ^2/NDF : 31075.0/57

- sign -39.763 ± 0.050 χ^2/NDF : 17983.8/28

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.733+/-0.125 χ^2/NDF : 14659.4/16

Left Out: -36.028+/-0.089 χ^2/NDF : 4654.4/11

Right Out: -48.090+/-0.107 χ^2/NDF : 11731.5/18

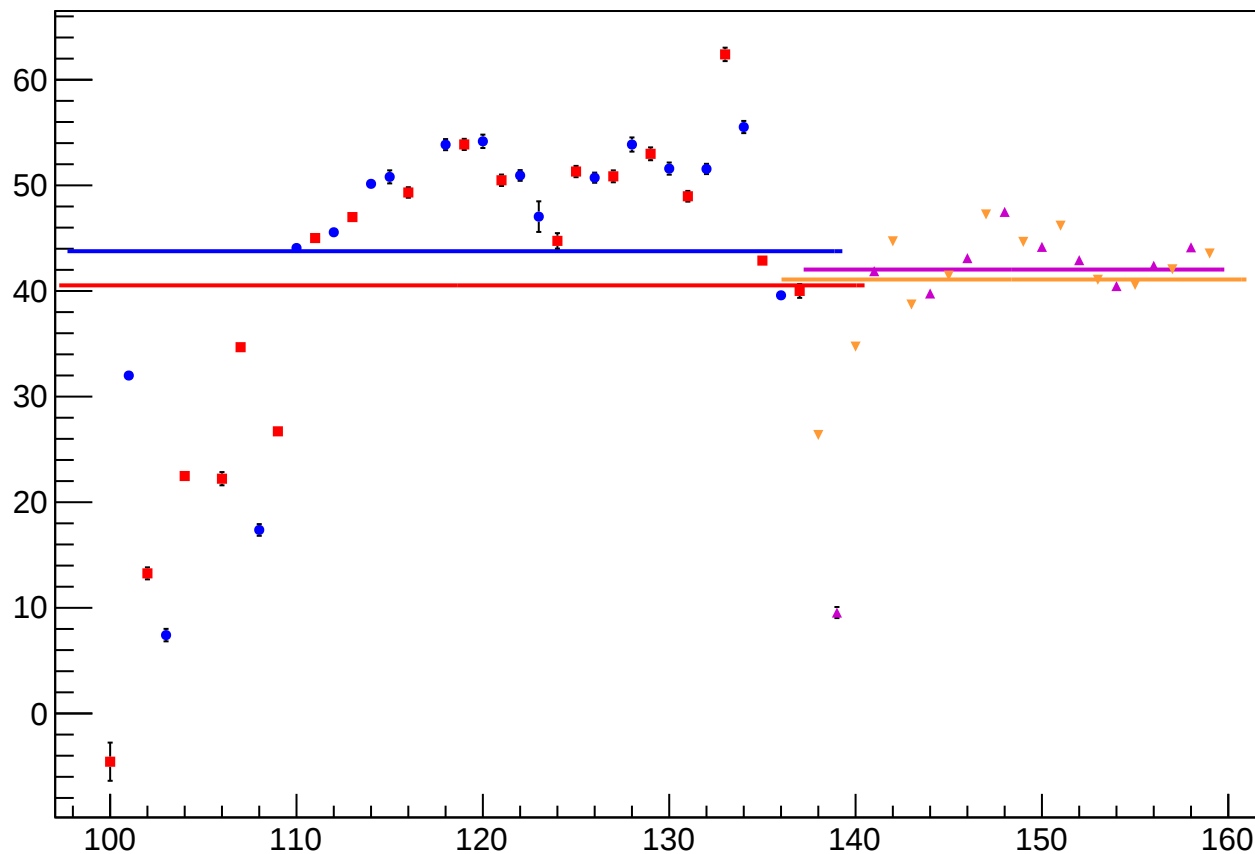
Left In: -38.390+/-0.097 χ^2/NDF : 1346.2/9

+ sign -40.316+/-0.072 χ^2/NDF : 26193.3/28

All: -41.536+/-0.051 χ^2/NDF : 44352.7/57

- sign -42.733+/-0.072 χ^2/NDF : 17597.4/28

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.767 $\pm$ 0.087 χ^2/NDF : 10633.5/16

Left Out: 41.088 $\pm$ 0.074 χ^2/NDF : 4782.7/11

Right Out: 40.531 $\pm$ 0.080 χ^2/NDF : 17580.8/18

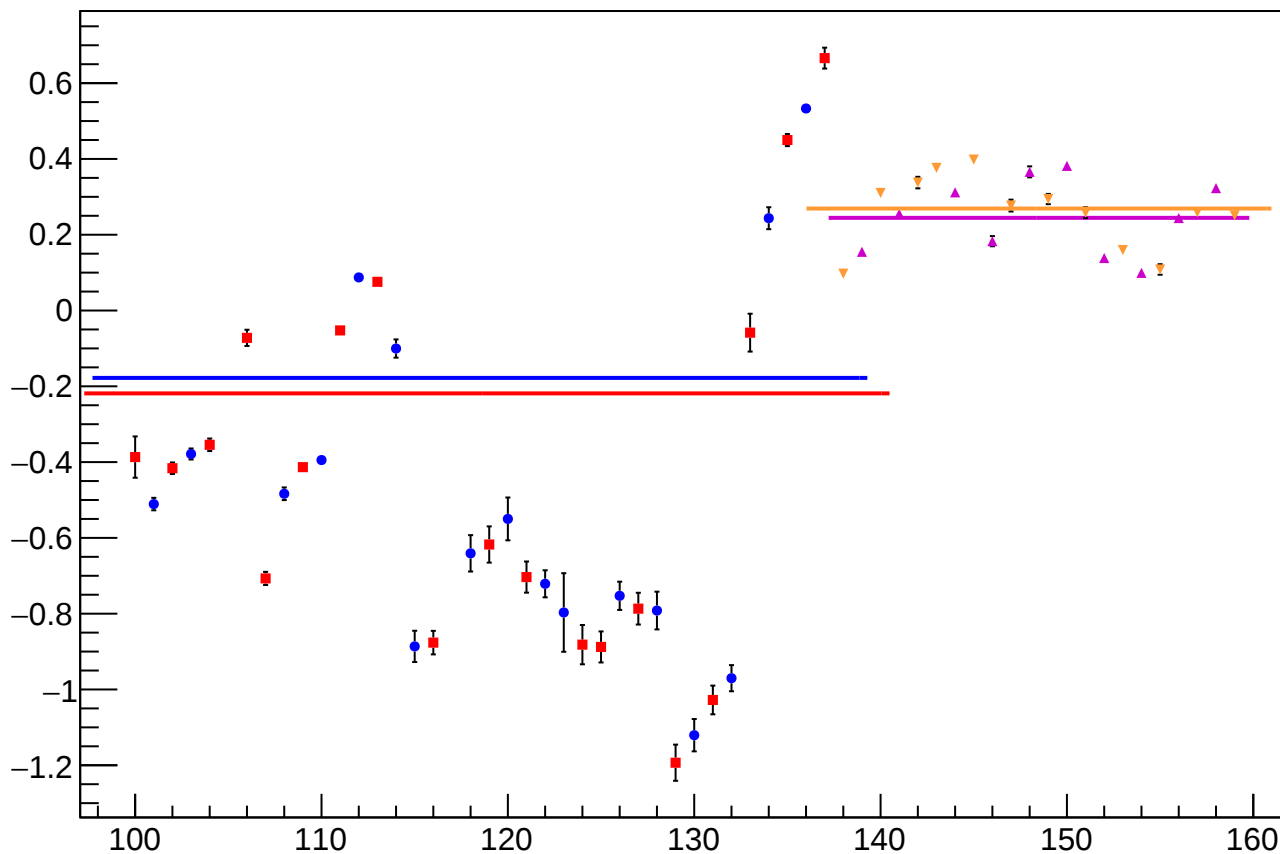
Left In: 42.030 $\pm$ 0.081 χ^2/NDF : 4664.9/9

+ sign 42.213 $\pm$ 0.056 χ^2/NDF : 15968.6/28

All: 41.749 $\pm$ 0.040 χ^2/NDF : 38524.8/57

- sign 41.271 $\pm$ 0.057 χ^2/NDF : 22418.1/28

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.269 ± 0.004 χ^2/NDF : 716.2/11

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

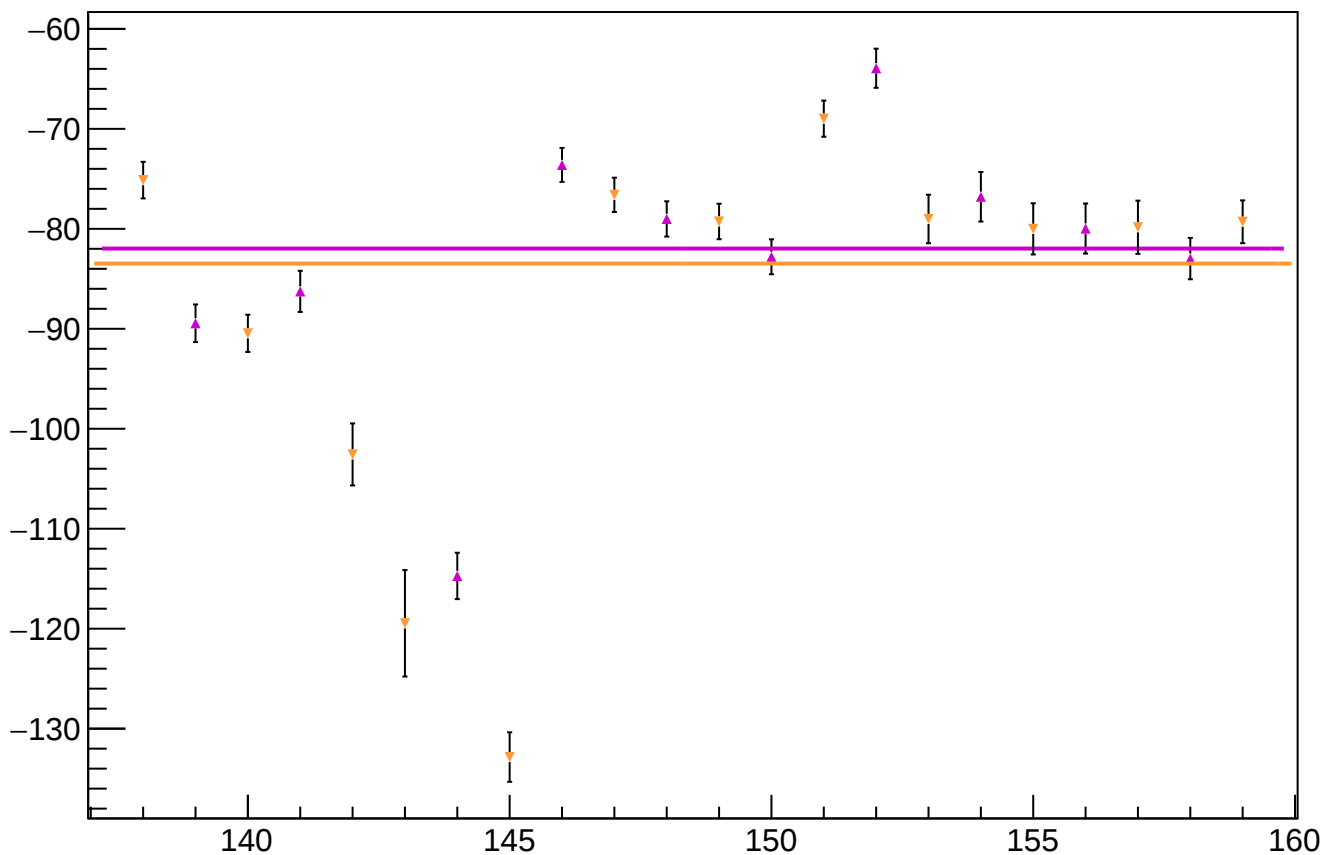
Left In: 0.245 ± 0.004 χ^2/NDF : 570.1/9

+ sign 0.114 ± 0.003 χ^2/NDF : 13651.0/28

All: 0.078 ± 0.002 χ^2/NDF : 28514.1/57

- sign 0.040 ± 0.003 χ^2/NDF : 14525.9/28

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -83.481+/-0.628 χ^2/NDF : 612.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

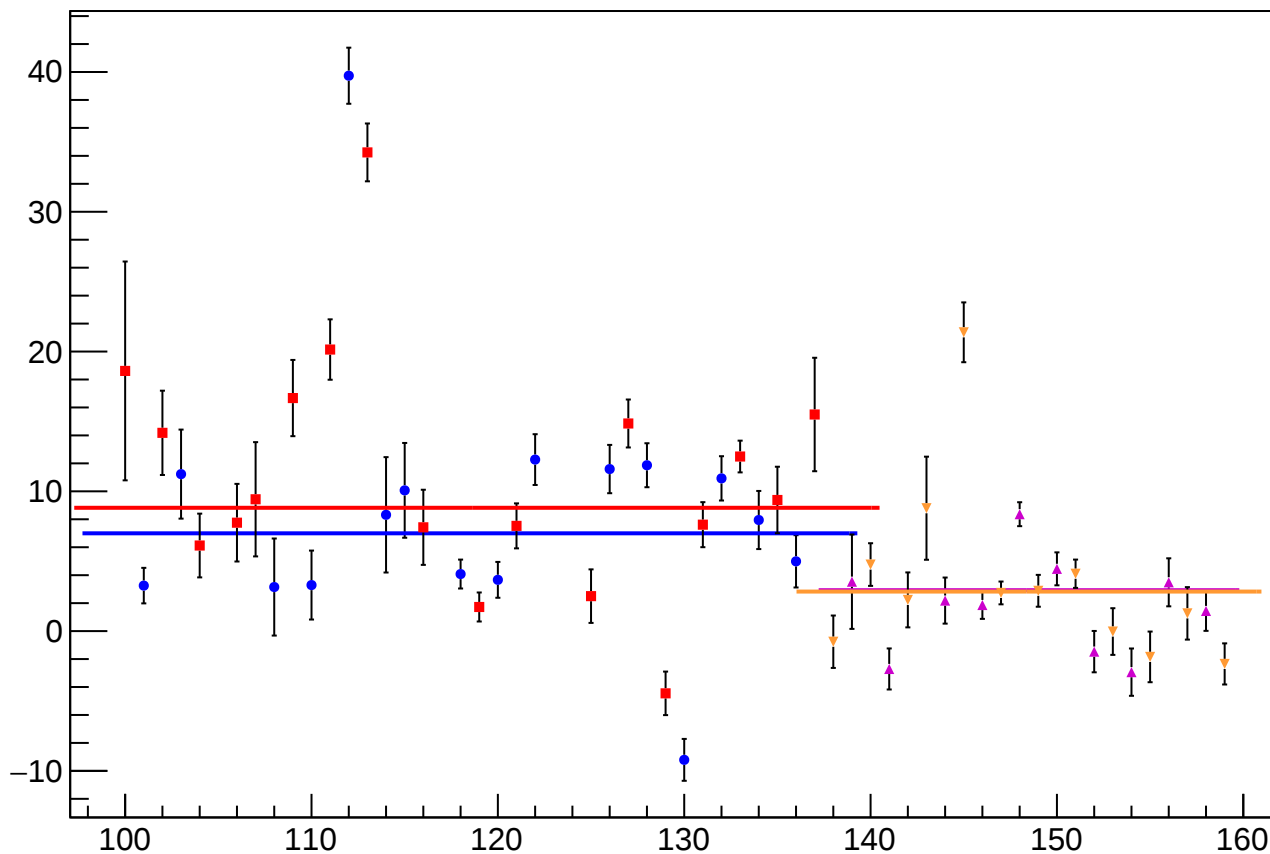
Left In: -81.975+/-0.630 χ^2/NDF : 337.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.730+/-0.445 χ^2/NDF : 952.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 6.996 ± 0.434 χ^2/NDF : 445.3/15

Left Out: 2.828 ± 0.411 χ^2/NDF : 107.4/11

Right Out: 8.822 ± 0.449 χ^2/NDF : 350.4/17

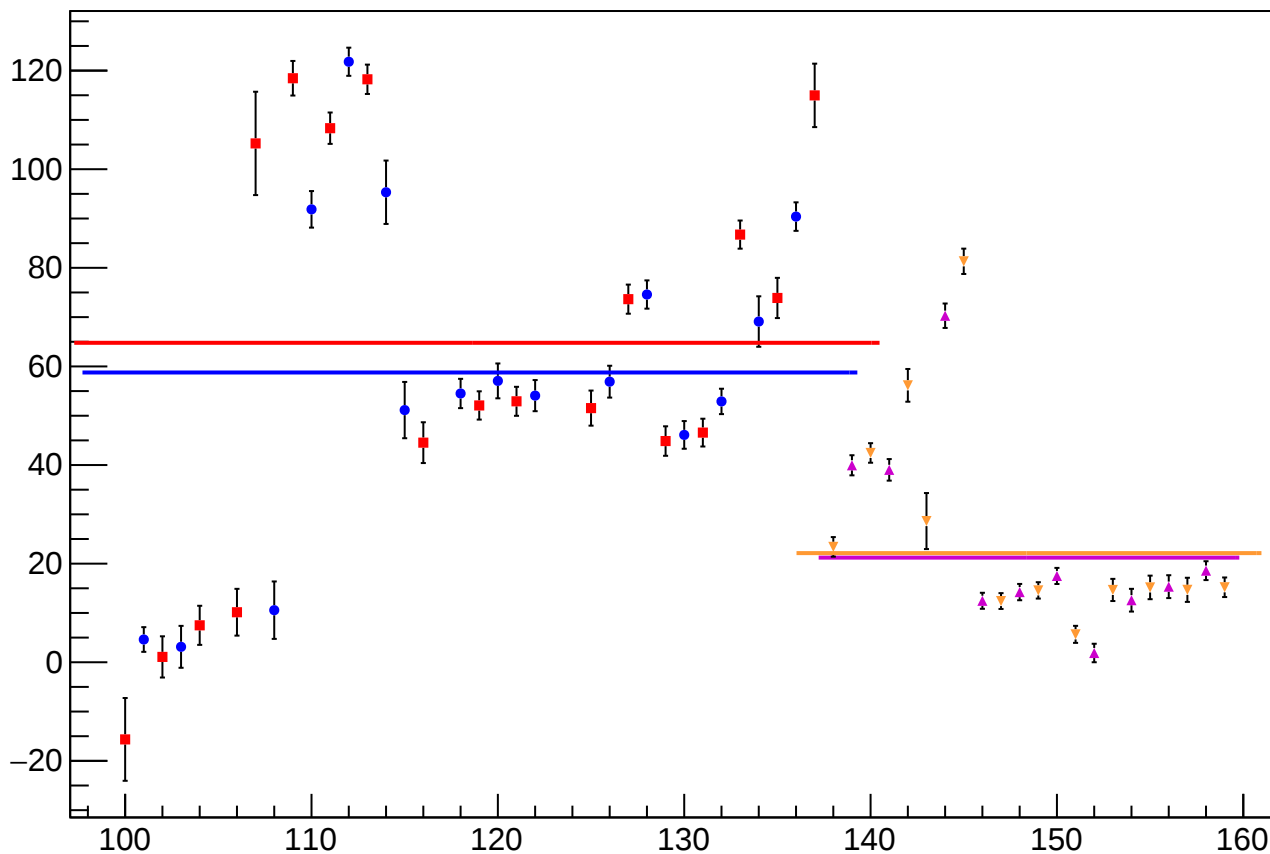
Left In: 2.928 ± 0.420 χ^2/NDF : 80.1/9

+ sign 4.797 ± 0.298 χ^2/NDF : 601.3/27

All: 5.228 ± 0.214 χ^2/NDF : 1128.1/55

- sign 5.683 ± 0.307 χ^2/NDF : 522.5/27

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.770 ± 0.833 $\chi^2/\text{NDF}: 1493.3/15$

Left Out: 22.137 ± 0.613 $\chi^2/\text{NDF}: 931.7/11$

Right Out: 64.792 ± 0.840 $\chi^2/\text{NDF}: 1718.1/17$

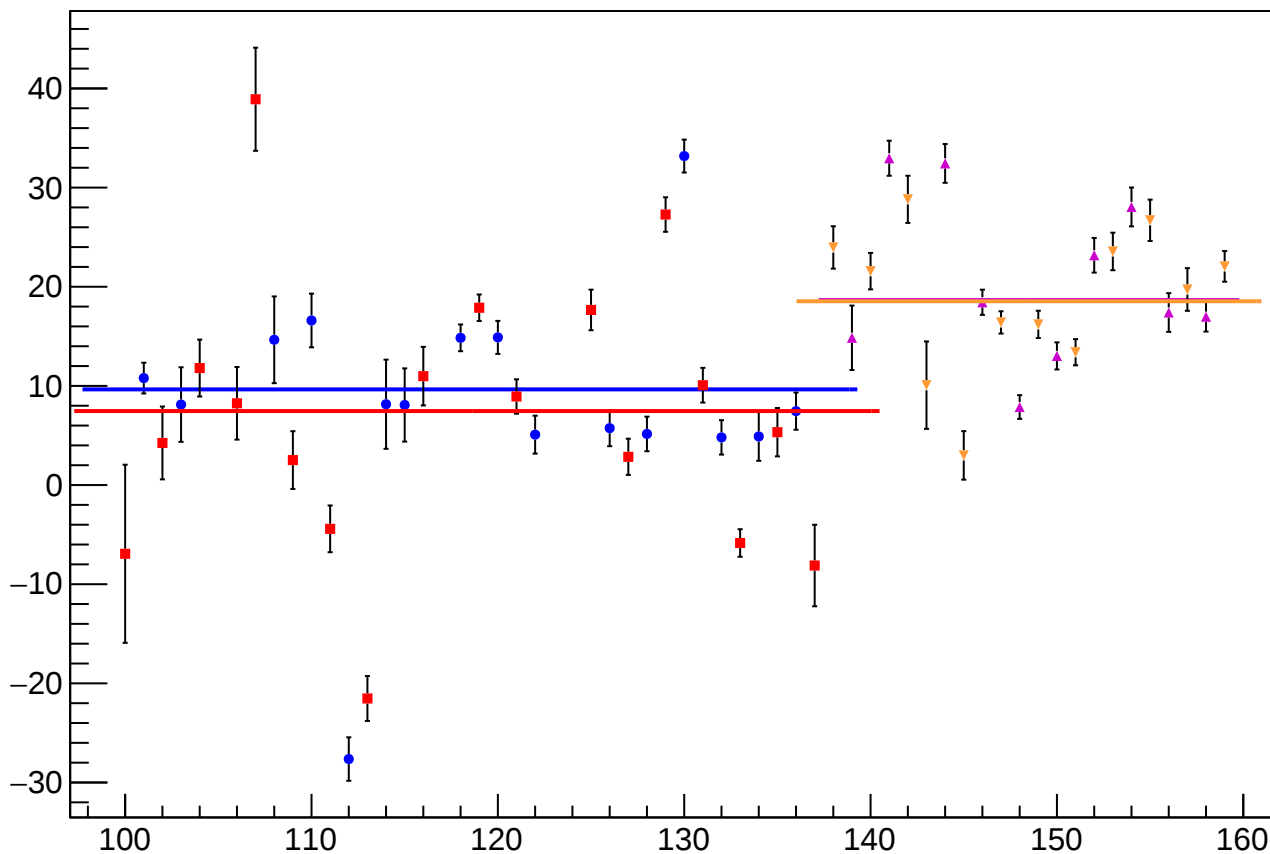
Left In: 21.222 ± 0.613 $\chi^2/\text{NDF}: 723.4/9$

+ sign 35.008 ± 0.494 $\chi^2/\text{NDF}: 3679.7/27$

All: 35.671 ± 0.350 $\chi^2/\text{NDF}: 7879.8/55$

- sign 36.338 ± 0.495 $\chi^2/\text{NDF}: 4196.5/27$

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 18.537 ± 0.503 $\chi^2/\text{NDF}: 121.5/11$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

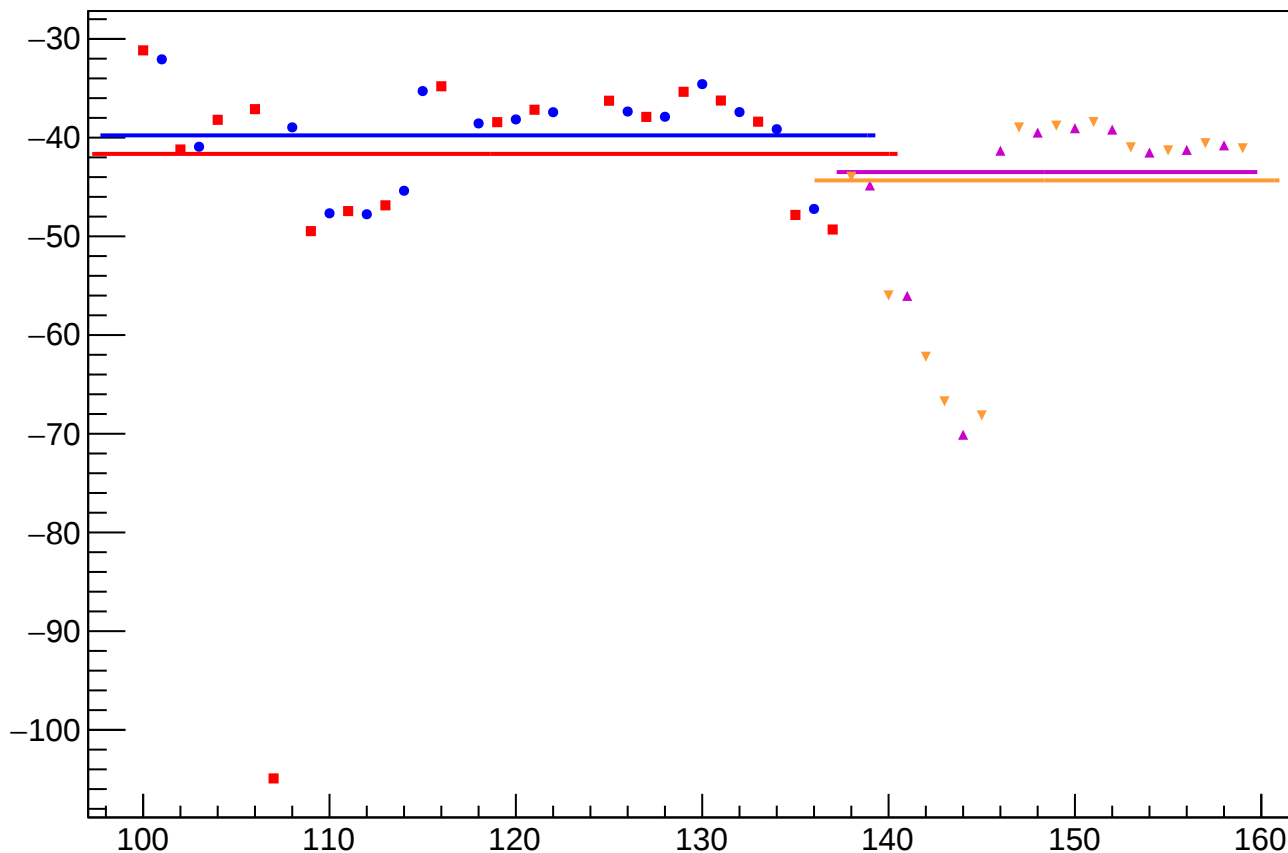
Left In: 18.656 ± 0.511 $\chi^2/\text{NDF}: 246.3/9$

+ sign 14.082 ± 0.355 $\chi^2/\text{NDF}: 831.4/27$

All: 13.604 ± 0.254 $\chi^2/\text{NDF}: 1885.8/55$

- sign 13.106 ± 0.363 $\chi^2/\text{NDF}: 1050.7/27$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.771+/-0.031 χ^2/NDF : 26176.5/15

Left Out: -44.334+/-0.025 χ^2/NDF :124934.4/11

Right Out: -41.647+/-0.031 χ^2/NDF : 94514.5/17

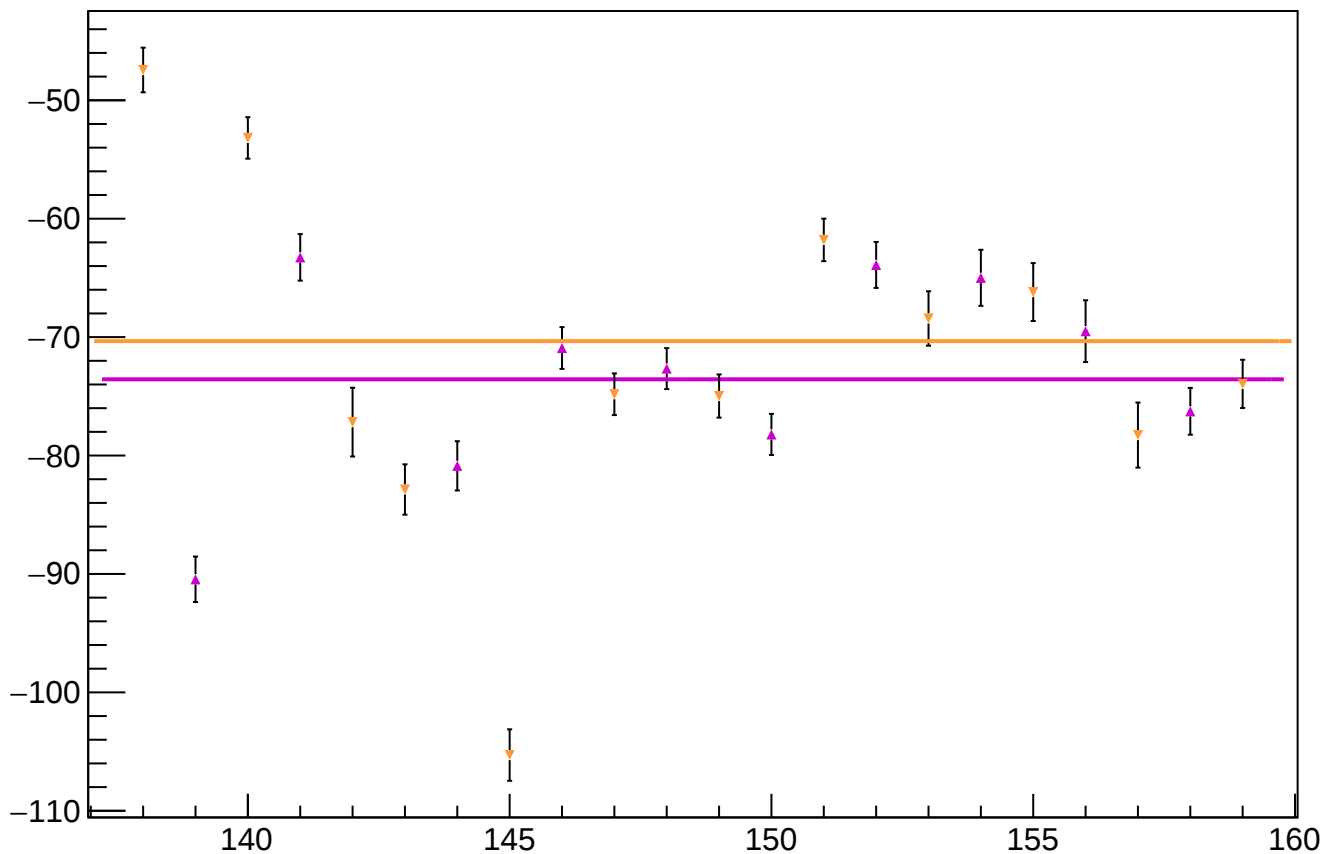
Left In: -43.488+/-0.024 χ^2/NDF :94731.5/9

+ sign -42.584+/-0.019 χ^2/NDF : 164375.7/27

All: -42.690+/-0.014 χ^2/NDF : 355854.7/55

- sign -42.796+/-0.019 χ^2/NDF : 191418.1/27

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.338+/-0.595 χ^2/NDF : 592.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

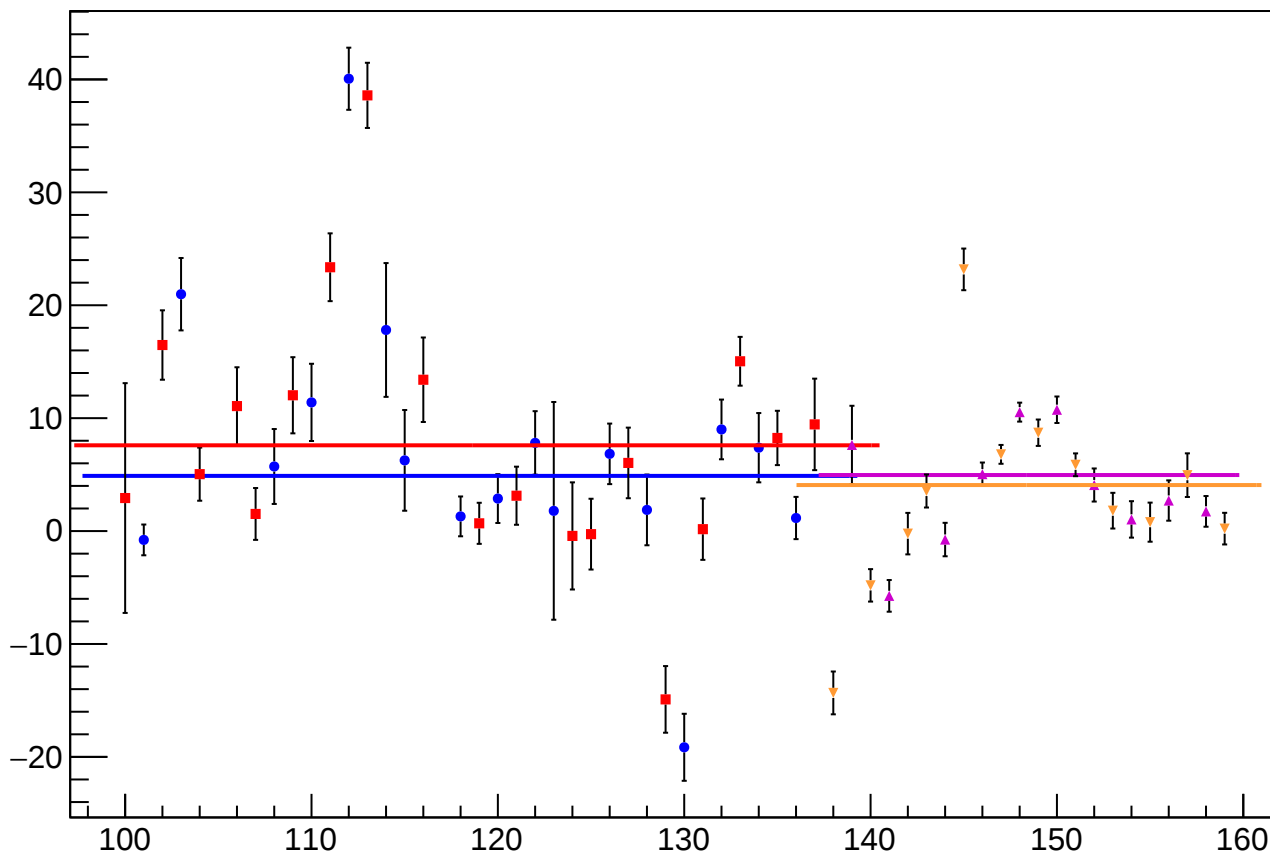
Left In: -73.563+/-0.621 χ^2/NDF : 169.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.883+/-0.430 χ^2/NDF : 776.0/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 4.075 ± 0.393 χ^2/NDF : 288.3/11

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

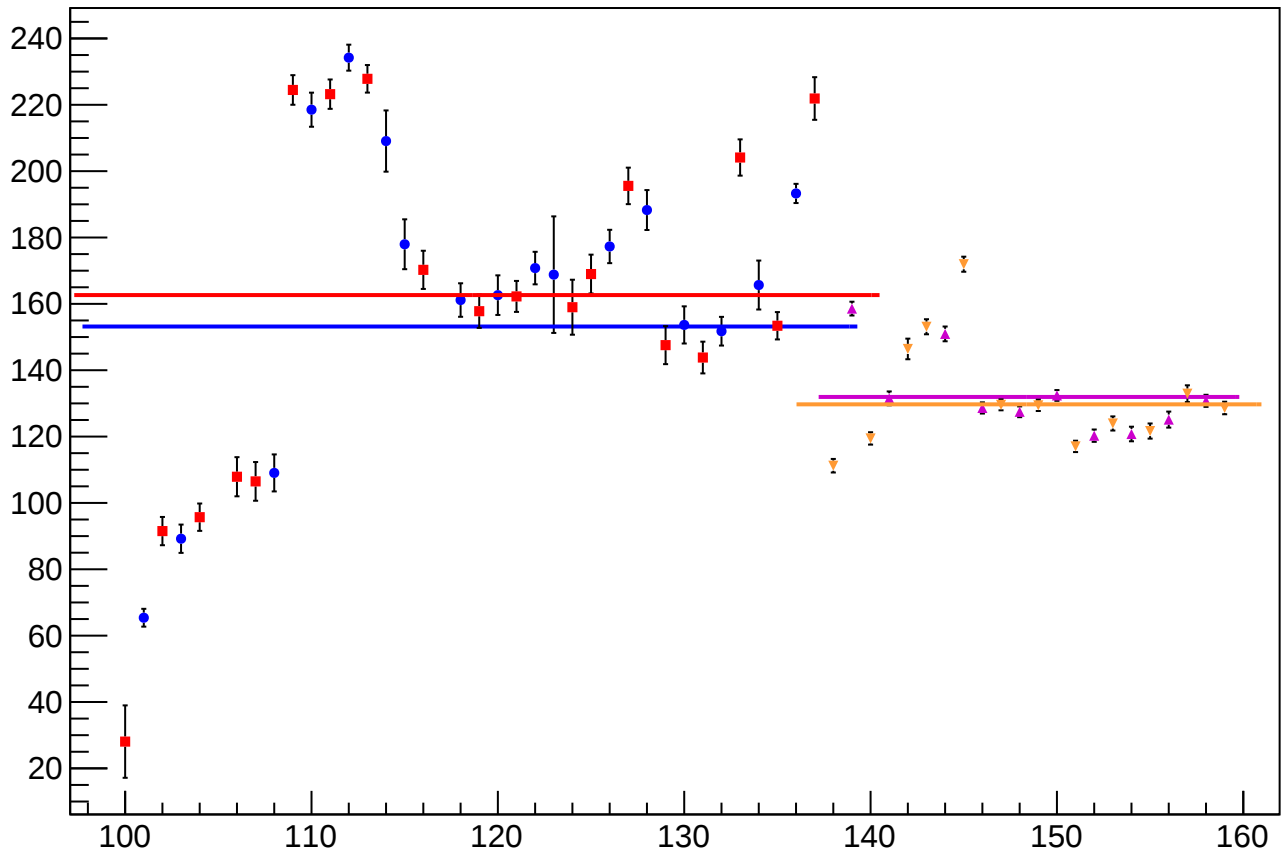
Left In: 4.963 ± 0.414 χ^2/NDF : 155.5/9

+ sign 4.307 ± 0.332 χ^2/NDF : 584.2/28

All: 4.979 ± 0.241 χ^2/NDF : 1029.4/57

- sign 5.720 ± 0.349 χ^2/NDF : 436.6/28

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 129.714+/-0.585 χ^2/NDF : 669.9/11

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

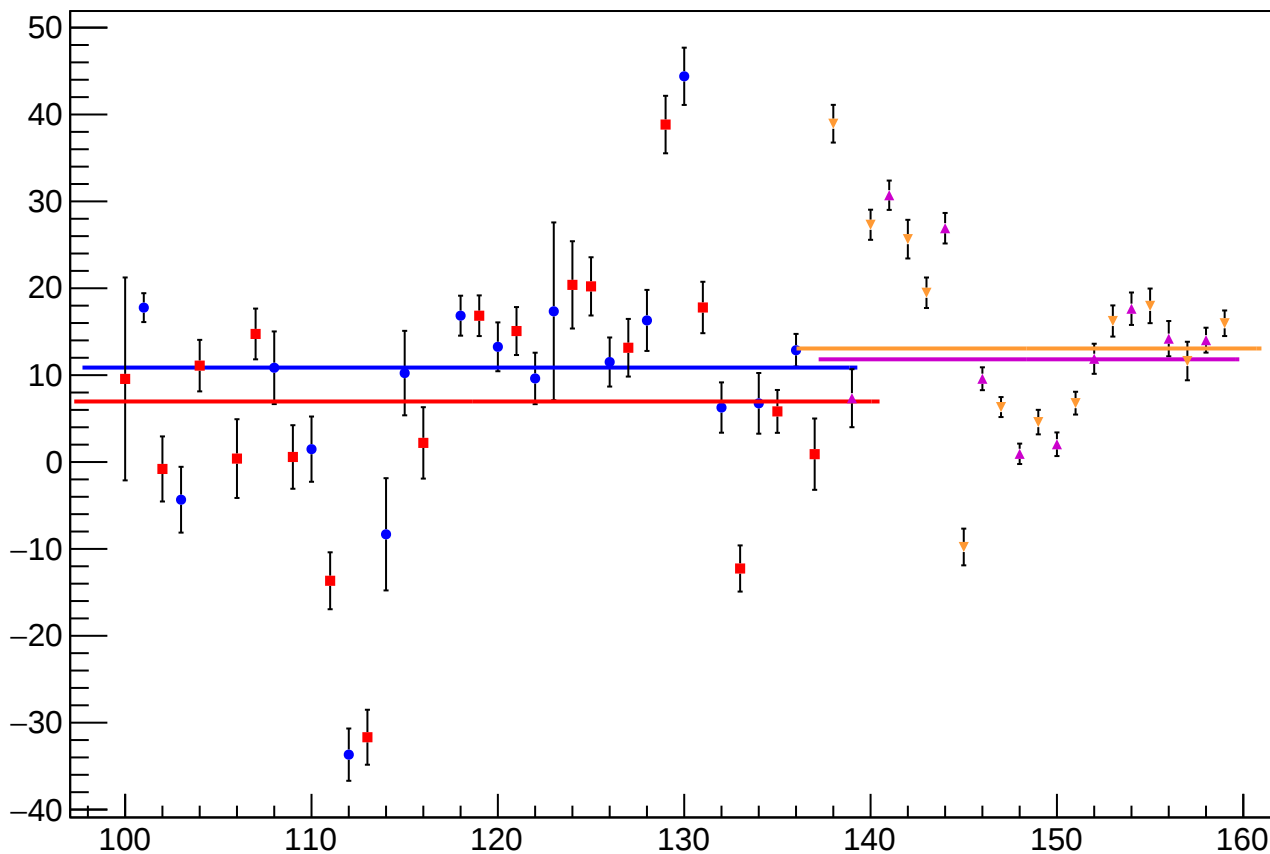
Left In: 131.947+/-0.604 χ^2/NDF : 322.2/9

+ sign 134.562+/-0.521 χ^2/NDF : 3266.4/28

All: 136.400+/-0.374 χ^2/NDF : 5862.0/57

- sign 138.355+/-0.537 χ^2/NDF : 2570.0/28

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.872 ± 0.714 $\chi^2/\text{NDF}: 386.7/16$

Left Out: 13.069 ± 0.479 $\chi^2/\text{NDF}: 478.7/11$

Right Out: 6.969 ± 0.748 $\chi^2/\text{NDF}: 422.3/18$

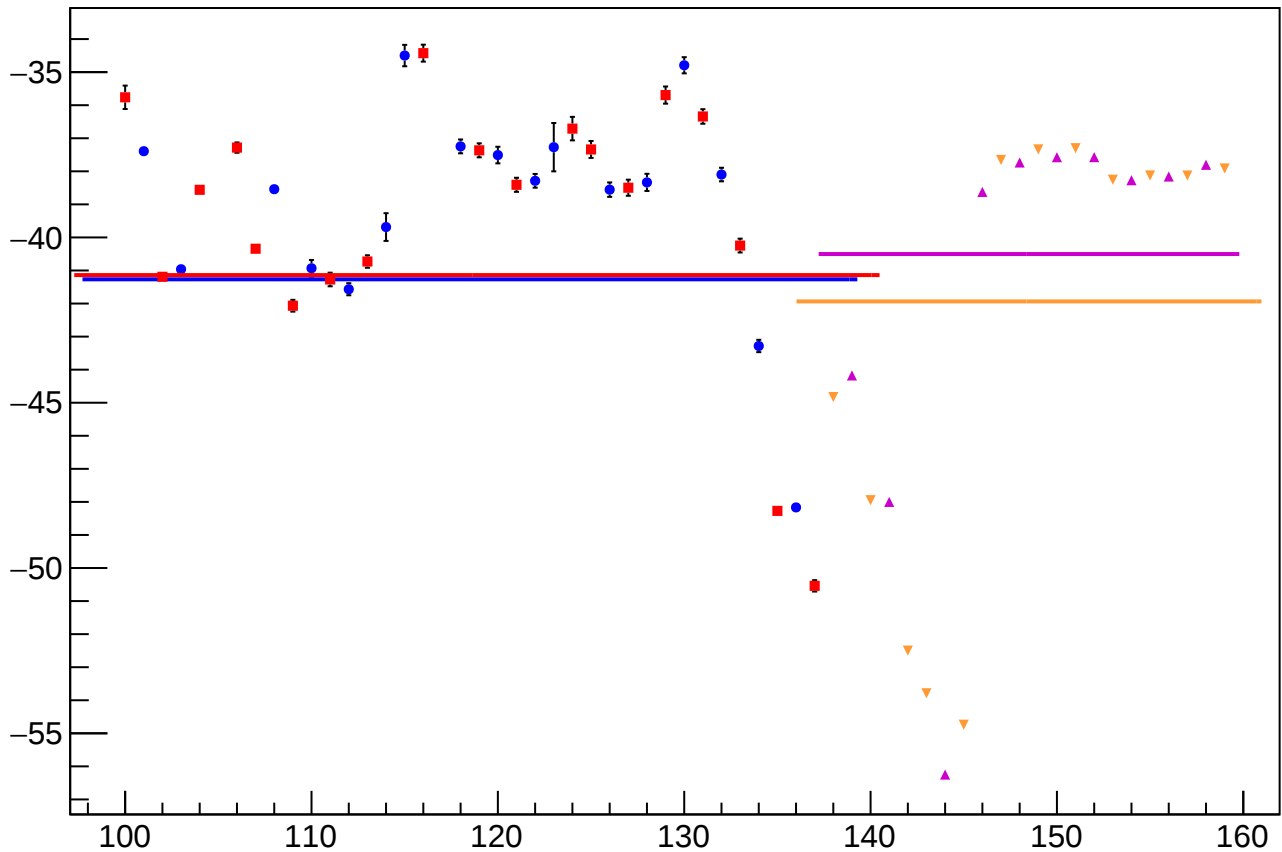
Left In: 11.821 ± 0.503 $\chi^2/\text{NDF}: 354.6/9$

+ sign 12.388 ± 0.398 $\chi^2/\text{NDF}: 871.9/28$

All: 11.399 ± 0.288 $\chi^2/\text{NDF}: 1690.9/57$

- sign 10.310 ± 0.417 $\chi^2/\text{NDF}: 806.0/28$

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.267 ± 0.039 χ^2/NDF : 12581.8/16

Left Out: -41.935 ± 0.023 χ^2/NDF : 72071.3/11

Right Out: -41.139 ± 0.039 χ^2/NDF : 12242.4/18

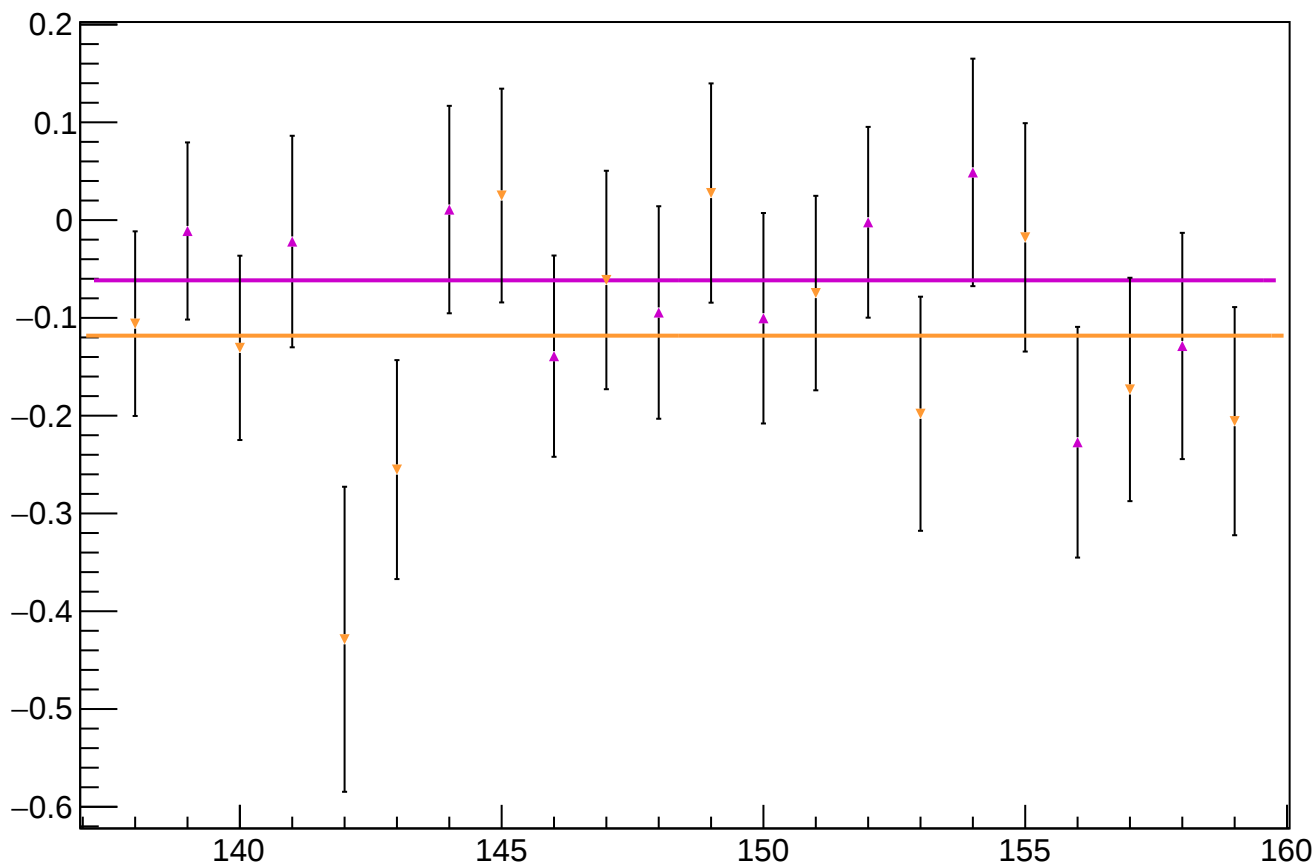
Left In: -40.502 ± 0.024 χ^2/NDF : 45447.8/9

+ sign -41.755 ± 0.020 χ^2/NDF : 84873.0/28

All: -41.226 ± 0.014 χ^2/NDF : 144187.1/57

- sign -40.679 ± 0.020 χ^2/NDF : 57886.8/28

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.118 $\pm$ 0.032 χ^2 /NDF: 11.3/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

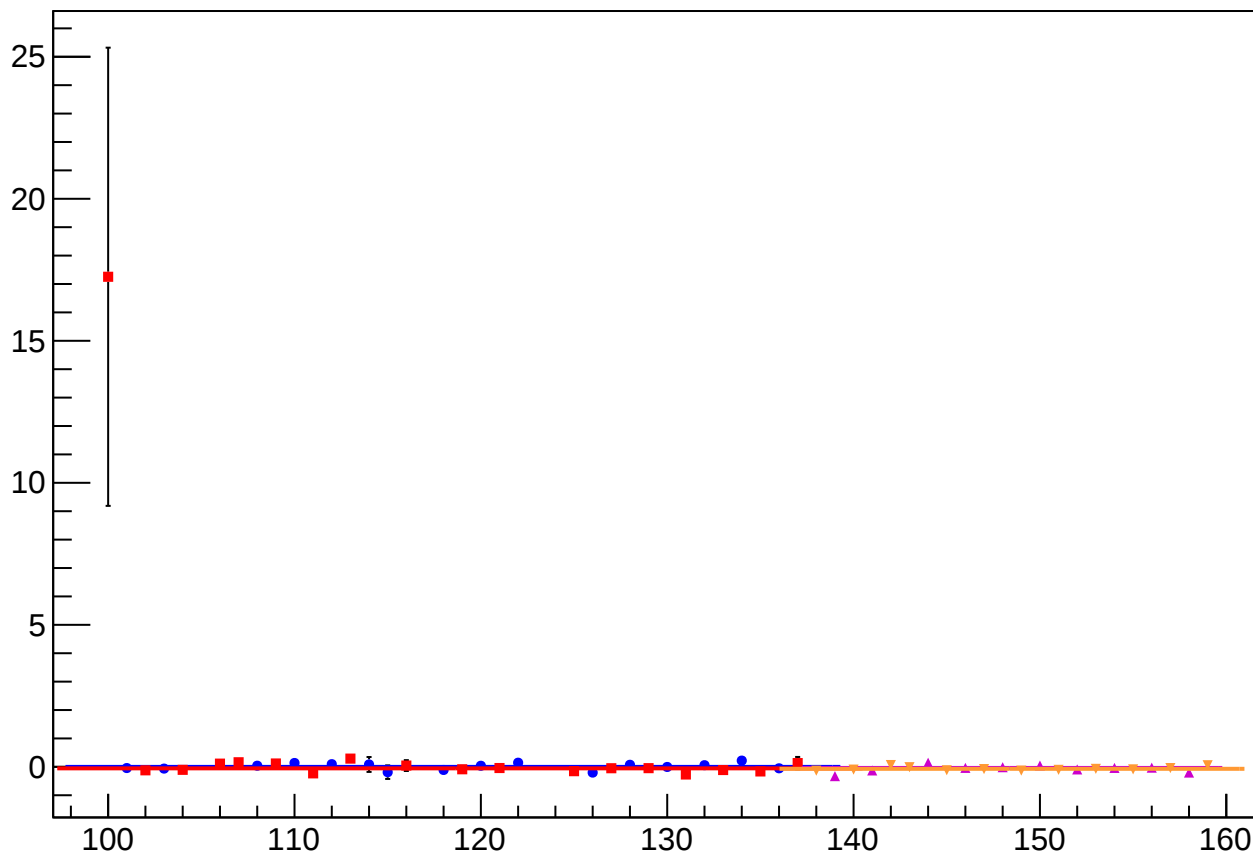
Left In: -0.062 $\pm$ 0.034 χ^2 /NDF: 5.3/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.091 $\pm$ 0.023 χ^2 /NDF: 18.1/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.069 ± 0.022 χ^2/NDF : 7.0/11

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

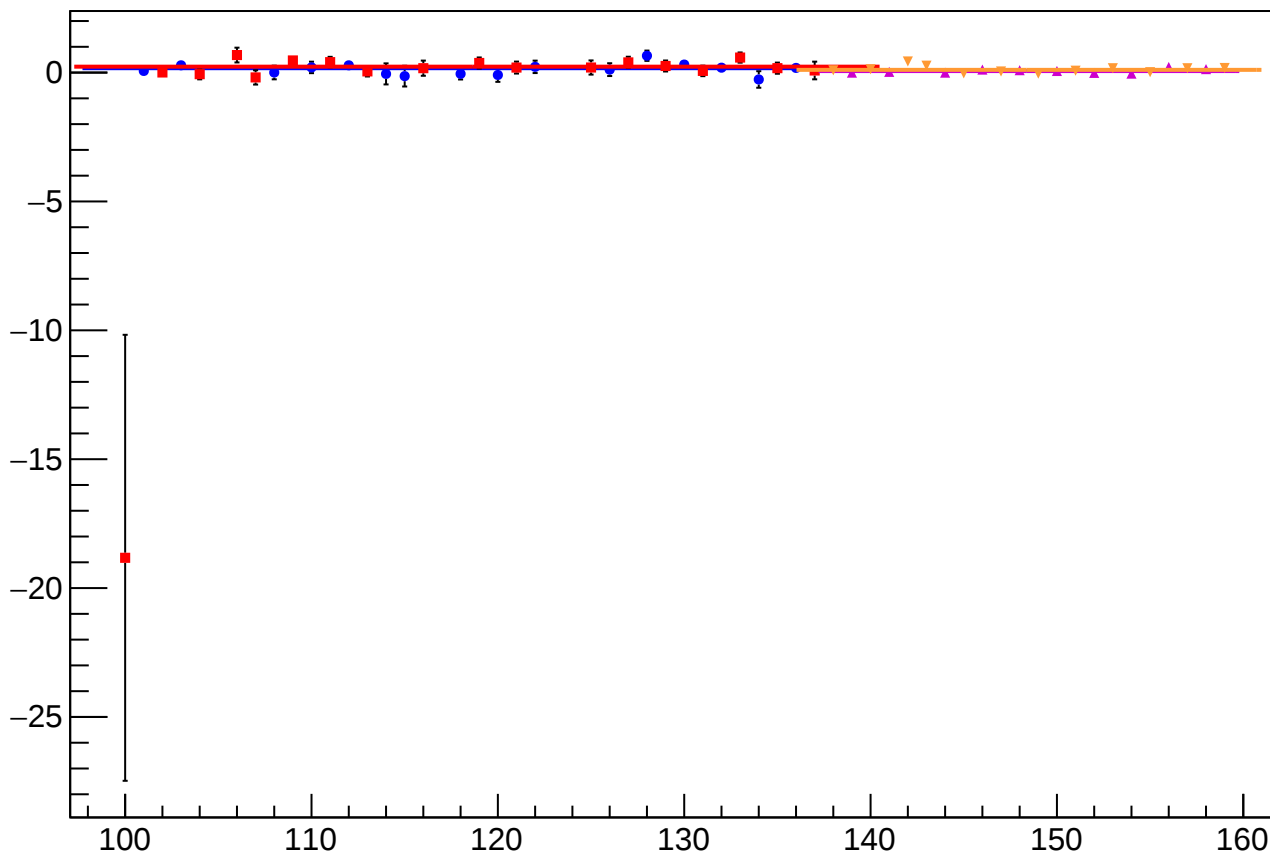
Left In: -0.039 ± 0.023 χ^2/NDF : 16.4/9

+ sign -0.044 ± 0.017 χ^2/NDF : 22.6/27

All: -0.044 ± 0.013 χ^2/NDF : 64.8/55

- sign -0.044 ± 0.018 χ^2/NDF : 42.1/27

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.105 $\pm$ 0.031 χ^2 /NDF: 11.4/11

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

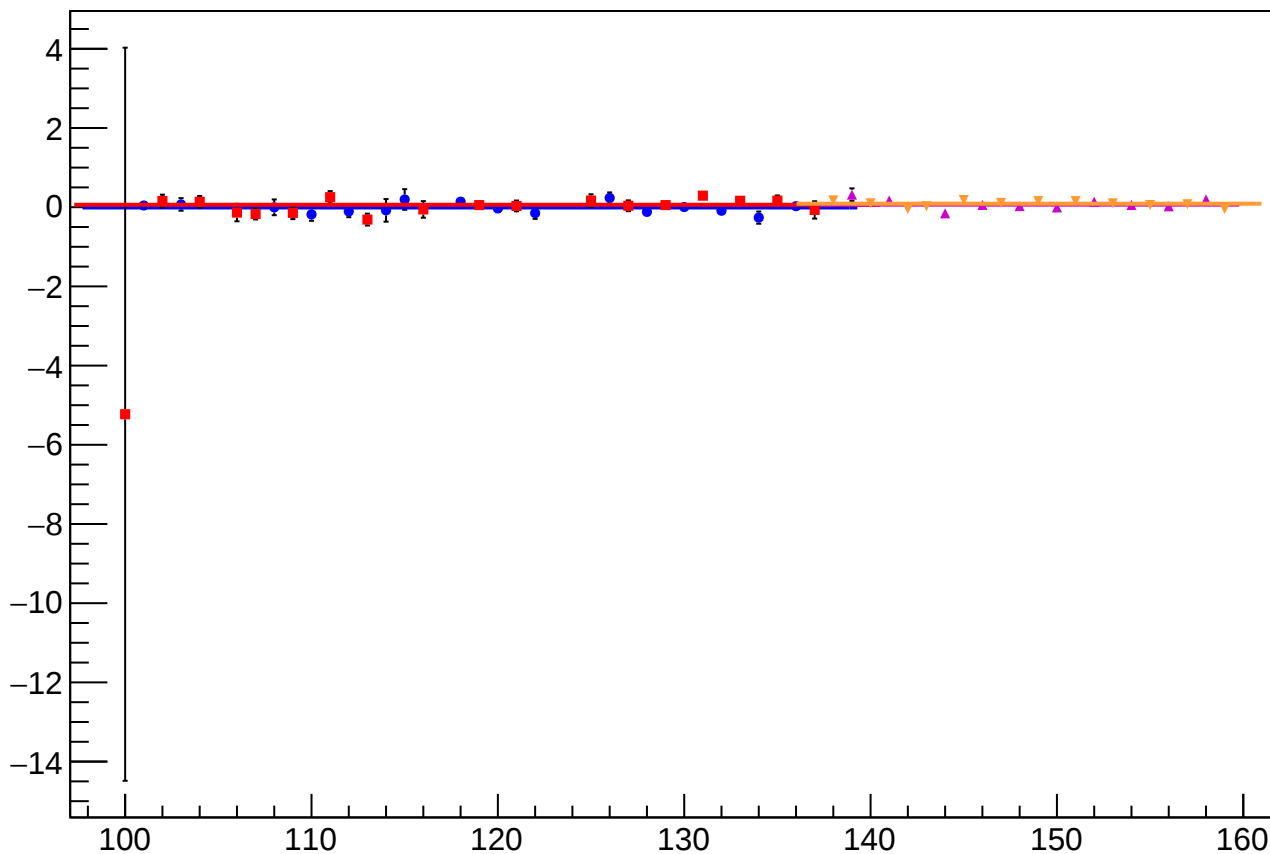
Left In: 0.058 $\pm$ 0.033 χ^2 /NDF: 5.2/9

+ sign 0.123 $\pm$ 0.027 χ^2 /NDF: 25.5/27

All: 0.114 $\pm$ 0.019 χ^2 /NDF: 60.0/55

- sign 0.105 $\pm$ 0.028 χ^2 /NDF: 34.2/27

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.088 ± 0.026 χ^2/NDF : 7.2/11

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

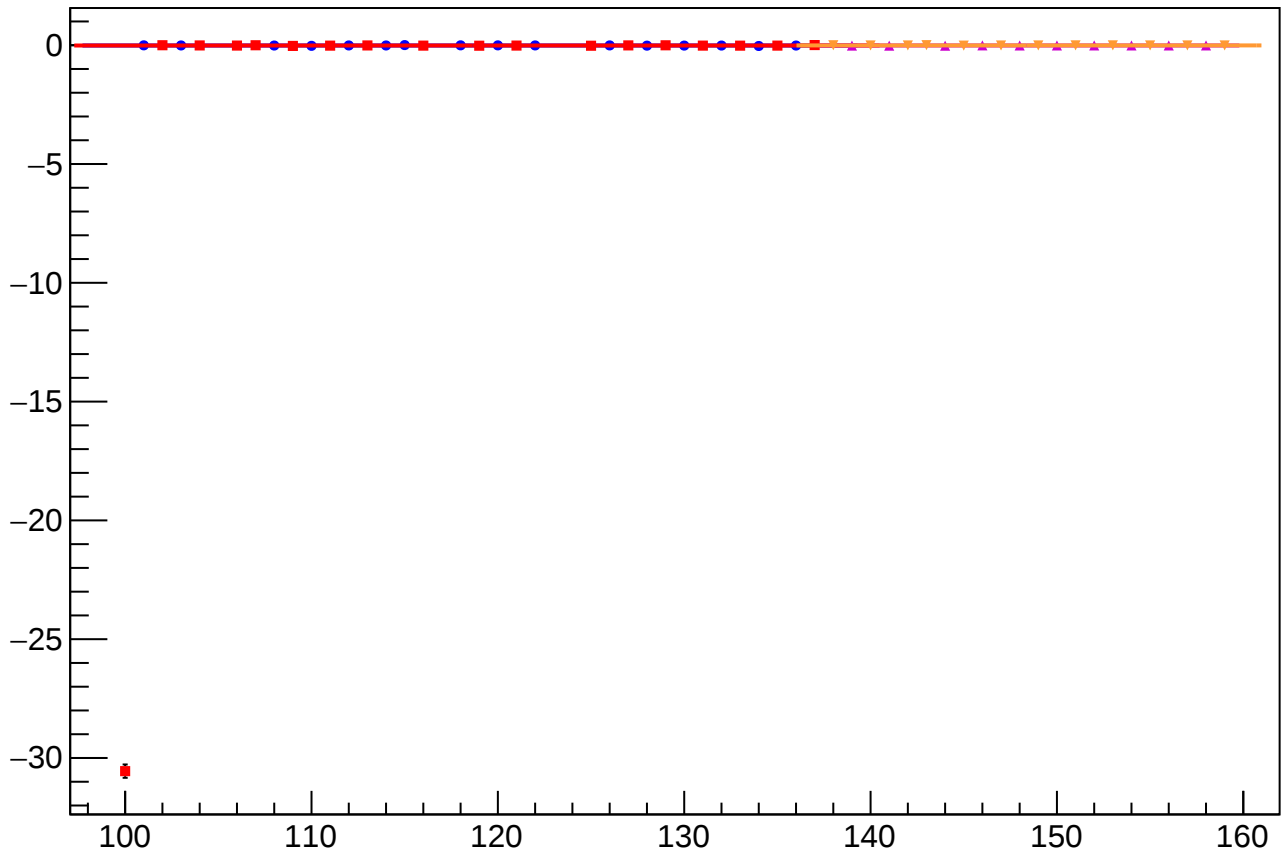
Left In: 0.064 ± 0.028 χ^2/NDF : 14.0/9

+ sign 0.051 ± 0.020 χ^2/NDF : 25.5/27

All: 0.057 ± 0.015 χ^2/NDF : 60.1/55

- sign 0.063 ± 0.022 χ^2/NDF : 34.3/27

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 13.4/11

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

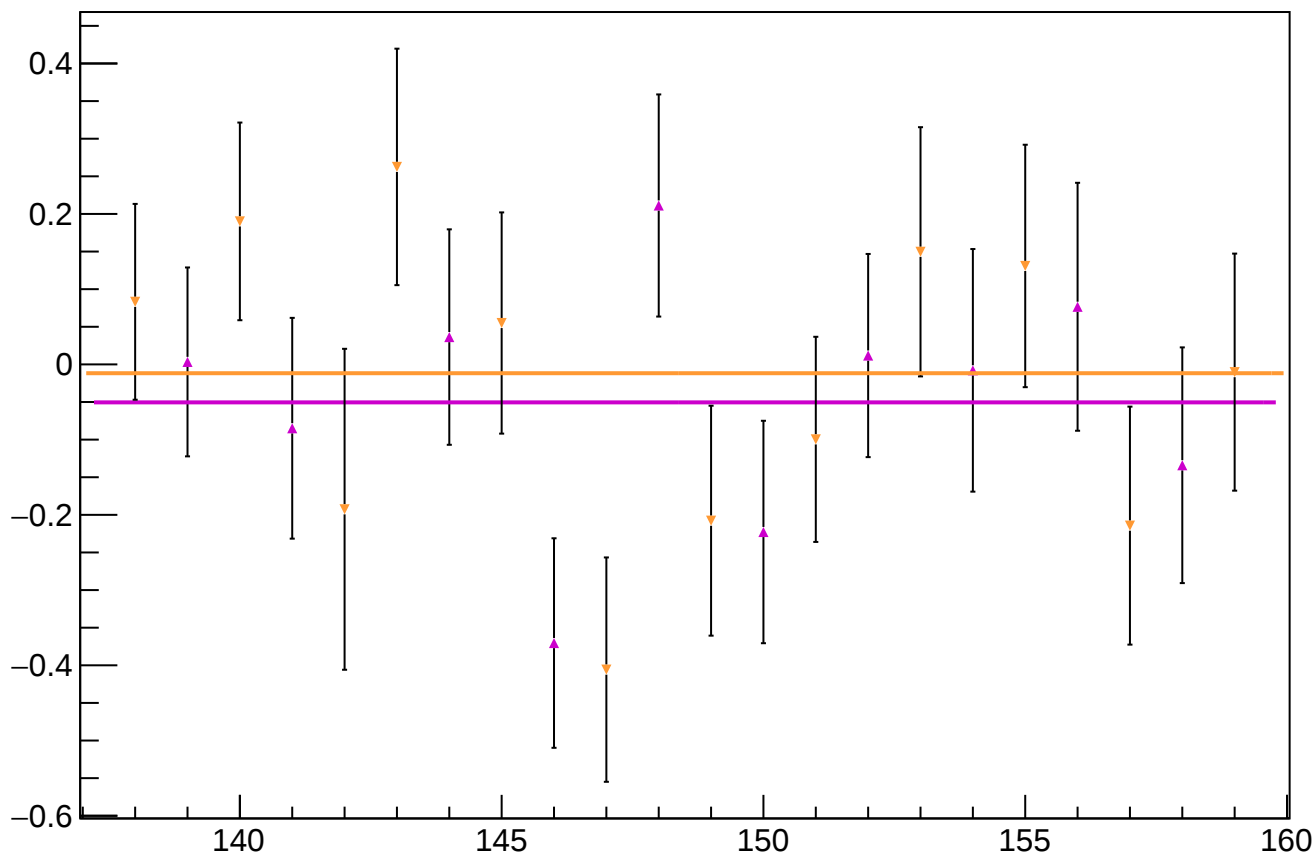
Left In: -0.011 ± 0.001 χ^2/NDF : 9.6/9

+ sign -0.009 ± 0.001 χ^2/NDF : 29.1/27

All: -0.010 ± 0.001 χ^2/NDF : 11931.8/55

- sign -0.011 ± 0.001 χ^2/NDF : 11900.3/27

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.012 $\pm$ 0.044 χ^2 /NDF:19.3/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

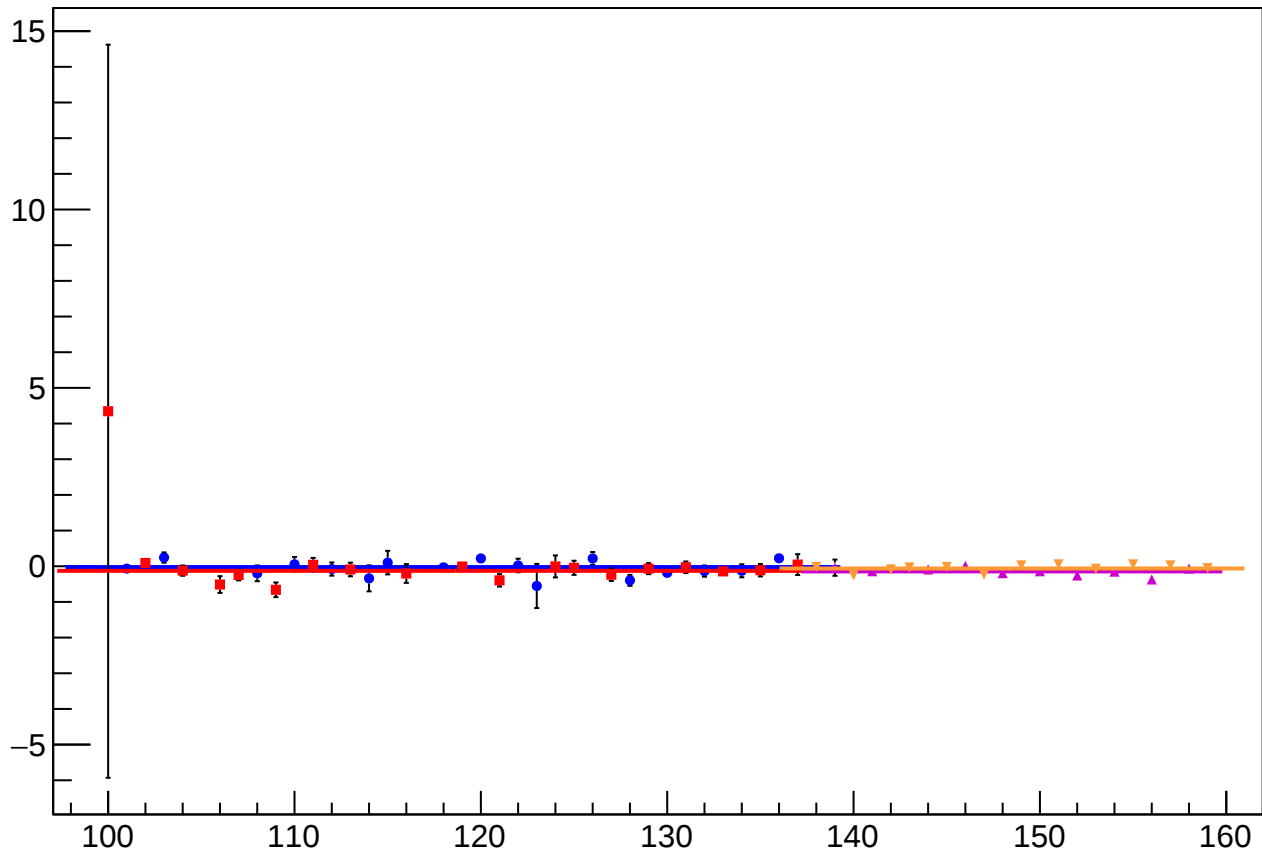
Left In: -0.050 $\pm$ 0.046 χ^2 /NDF:11.5/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.030 $\pm$ 0.032 χ^2 /NDF: 31.2/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.063 ± 0.030 χ^2/NDF : 13.8/11

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

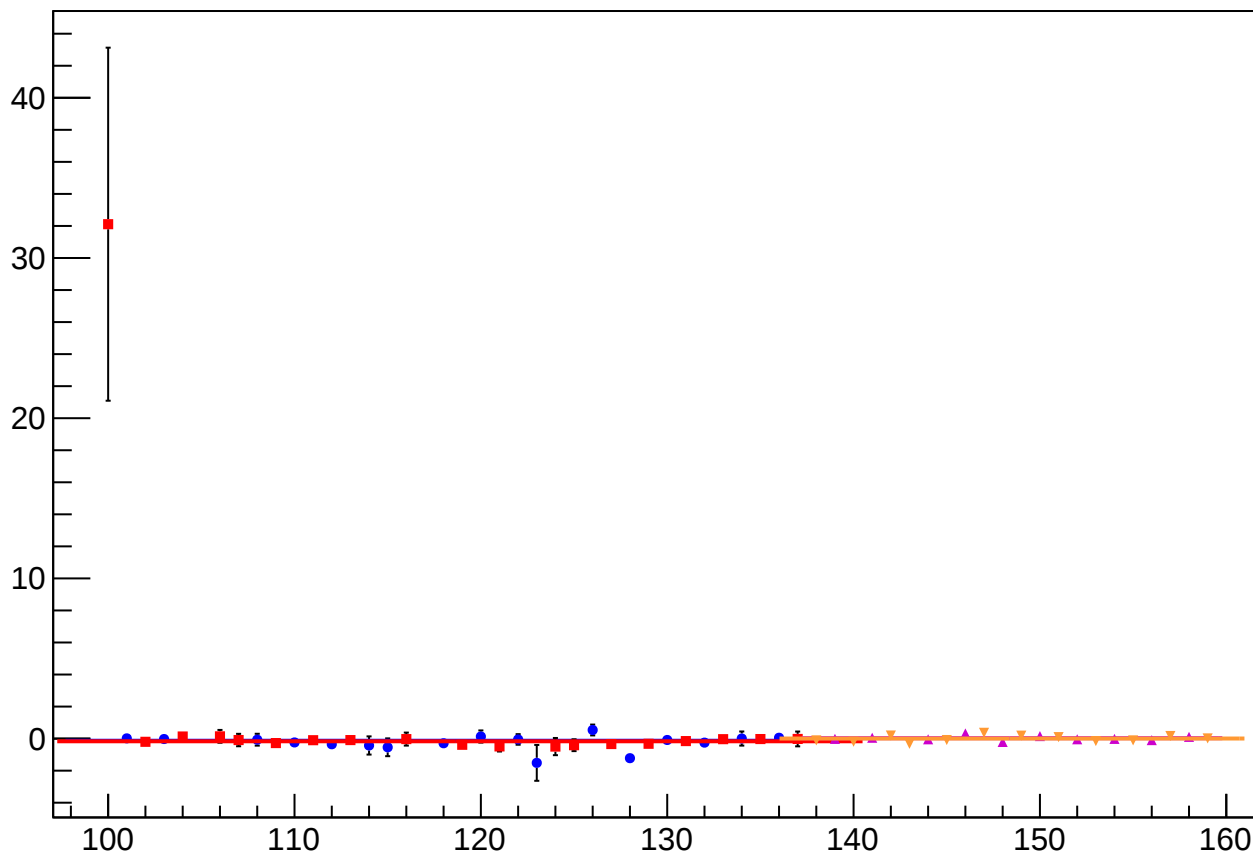
Left In: -0.145 ± 0.032 χ^2/NDF : 10.4/9

+ sign -0.047 ± 0.023 χ^2/NDF : 36.9/28

All: -0.090 ± 0.017 χ^2/NDF : 73.5/57

- sign -0.139 ± 0.025 χ^2/NDF : 29.3/28

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.133 $\pm$ 0.067 χ^2/NDF : 25.7/16

Left Out: 0.006 $\pm$ 0.043 χ^2/NDF : 19.1/11

Right Out: -0.166 $\pm$ 0.071 χ^2/NDF : 14.7/18

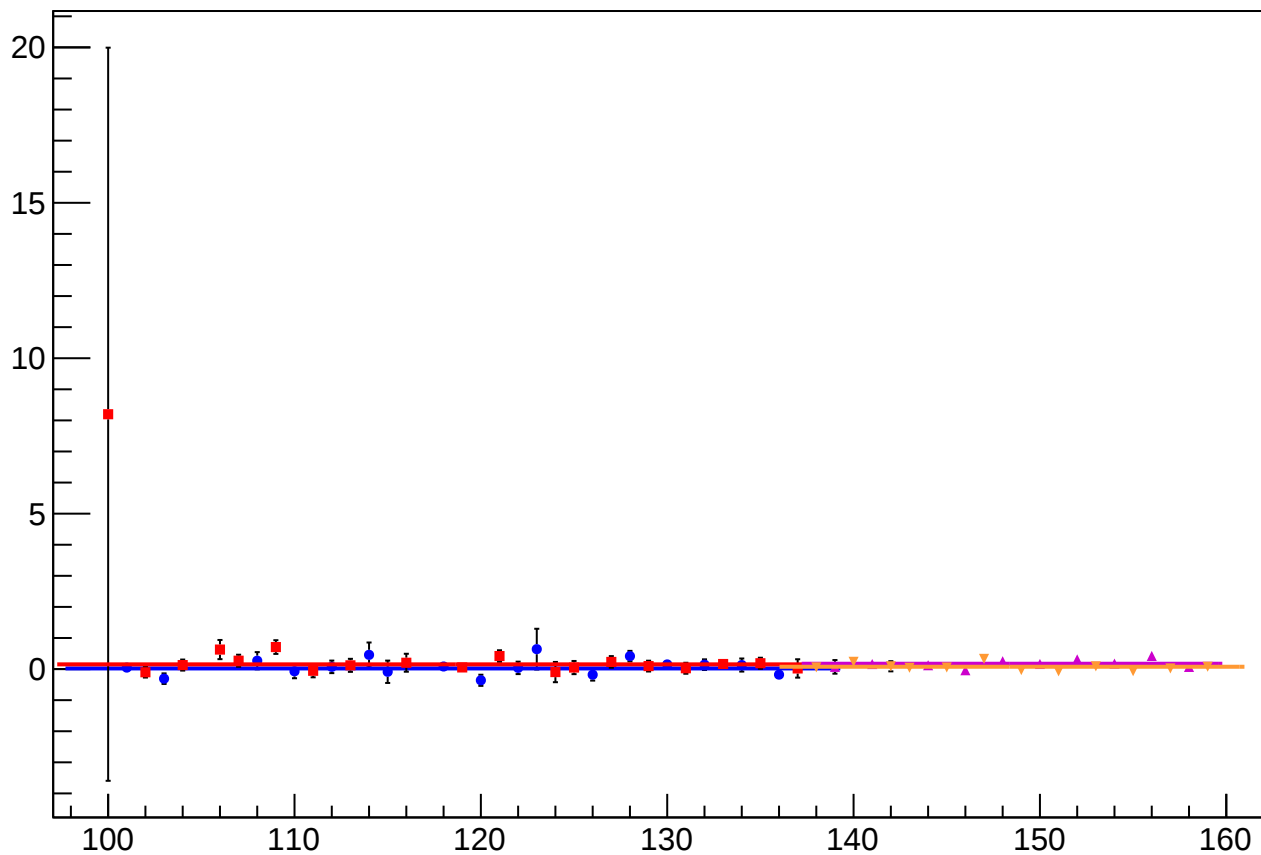
Left In: 0.027 $\pm$ 0.045 χ^2/NDF : 10.4/9

+ sign -0.035 $\pm$ 0.036 χ^2/NDF : 47.9/28

All: -0.032 $\pm$ 0.026 χ^2/NDF : 78.3/57

- sign -0.028 $\pm$ 0.038 χ^2/NDF : 30.4/28

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.020 +/- 0.042 χ^2/NDF : 21.8/16

Left Out: 0.075 +/- 0.036 χ^2/NDF : 12.7/11

Right Out: 0.152 +/- 0.045 χ^2/NDF : 17.3/18

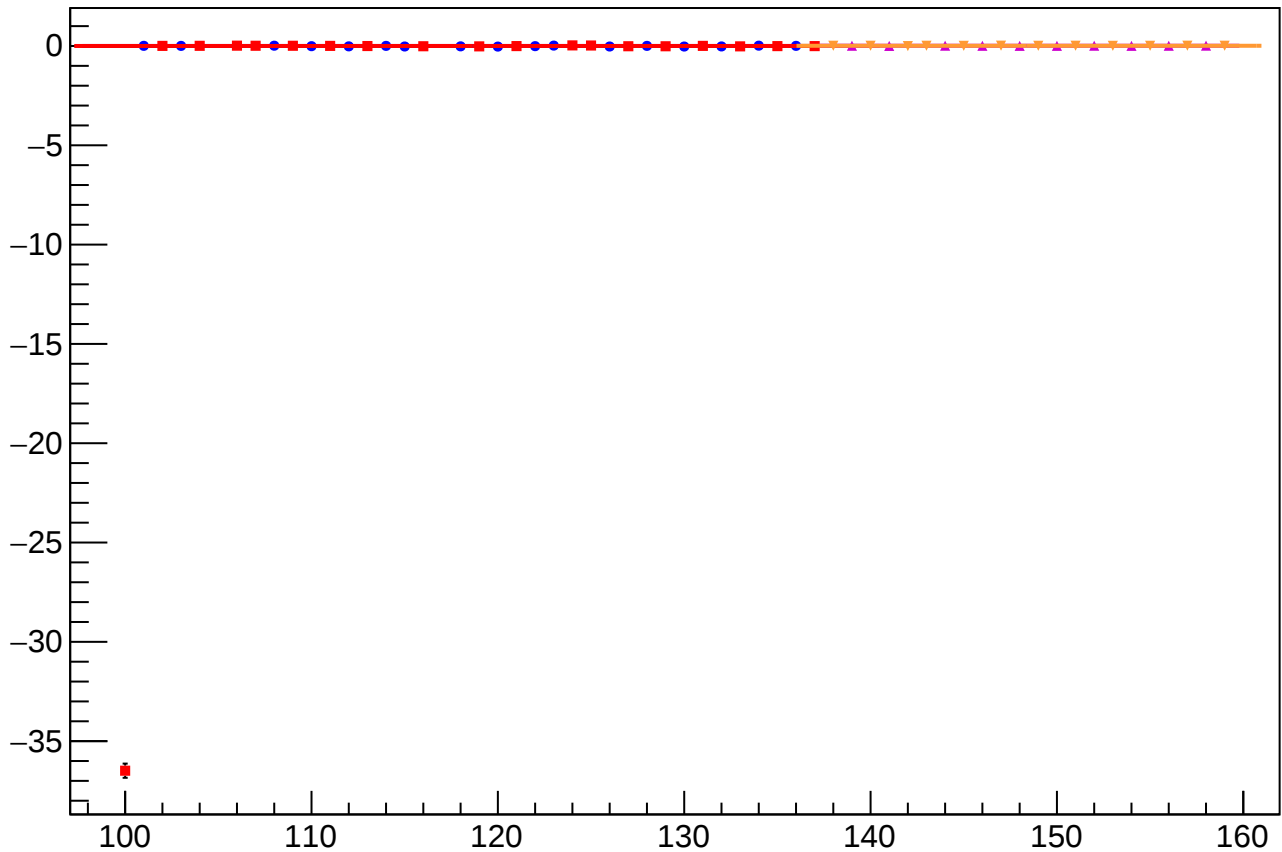
Left In: 0.172 +/- 0.038 χ^2/NDF : 10.9/9

+ sign 0.052 +/- 0.027 χ^2/NDF : 35.4/28

All: 0.104 +/- 0.020 χ^2/NDF : 71.5/57

- sign 0.163 +/- 0.029 χ^2/NDF : 28.3/28

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.011 $\pm$ 0.002 χ^2 /NDF: 5.4/11

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

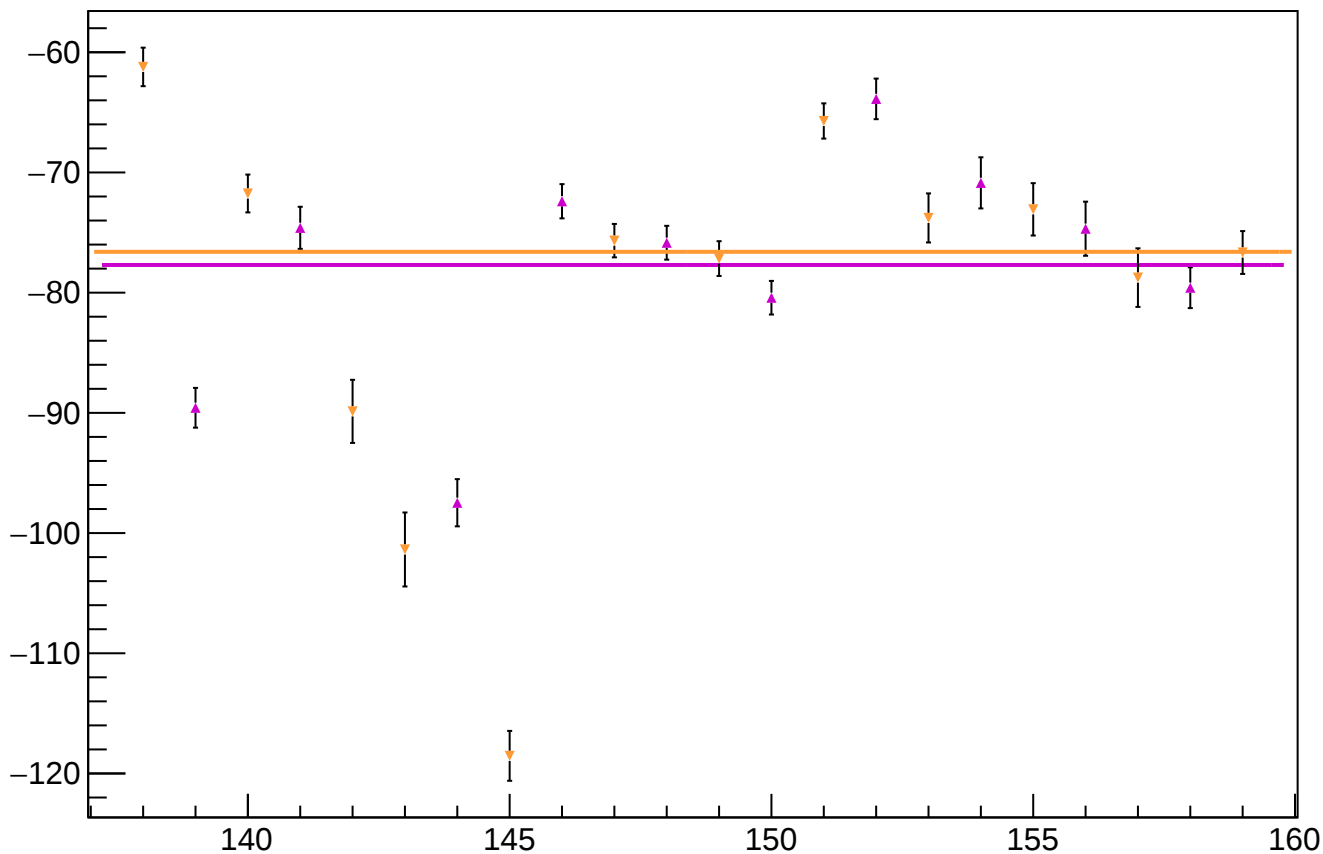
Left In: 0.011 $\pm$ 0.002 χ^2 /NDF: 4.8/9

+ sign 0.007 $\pm$ 0.001 χ^2 /NDF: 50.1/28

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10517.7/57

- sign 0.007 $\pm$ 0.001 χ^2 /NDF: 10467.6/28

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -76.602+/-0.522 χ^2/NDF : 661.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

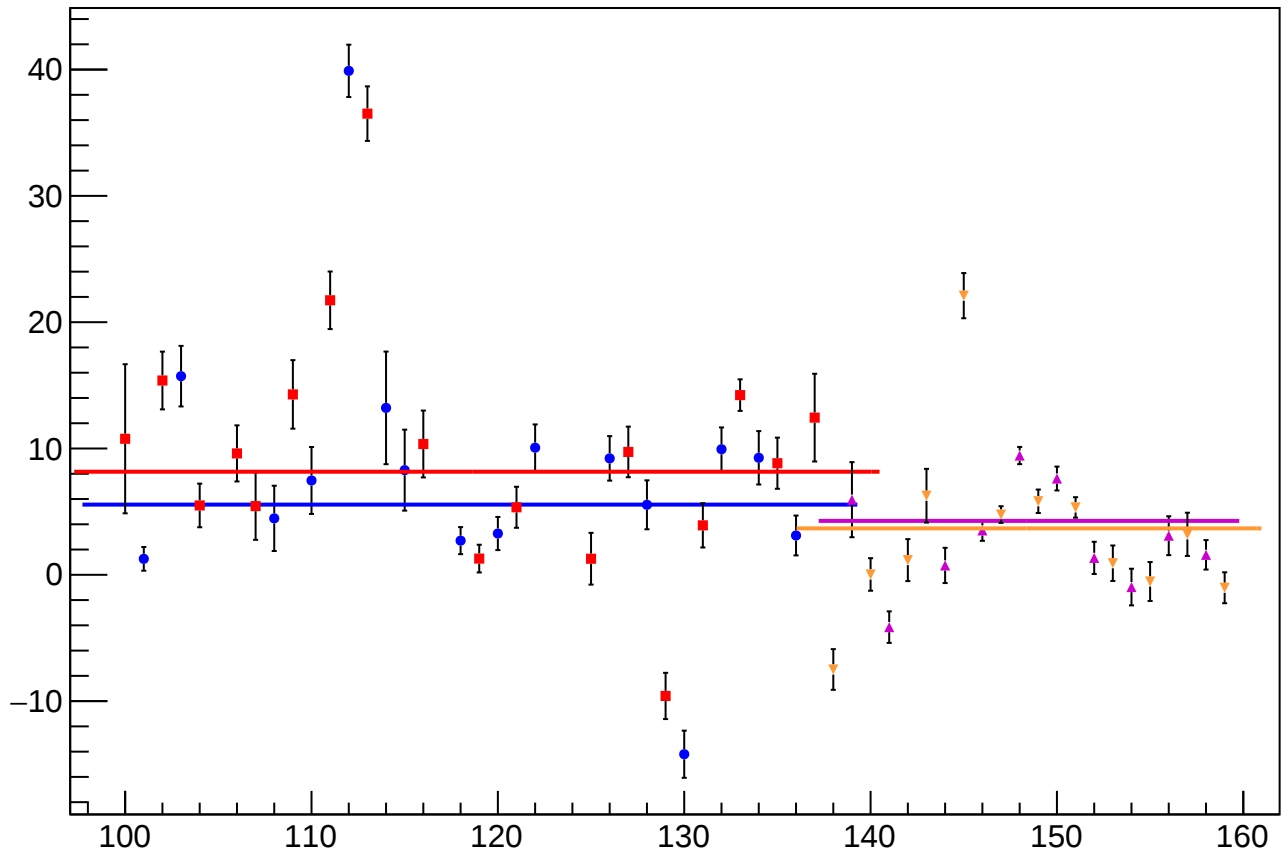
Left In: -77.697+/-0.529 χ^2/NDF : 255.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.142+/-0.371 χ^2/NDF : 919.2/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 3.676 ± 0.337 $\chi^2/\text{NDF}: 204.4/11$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

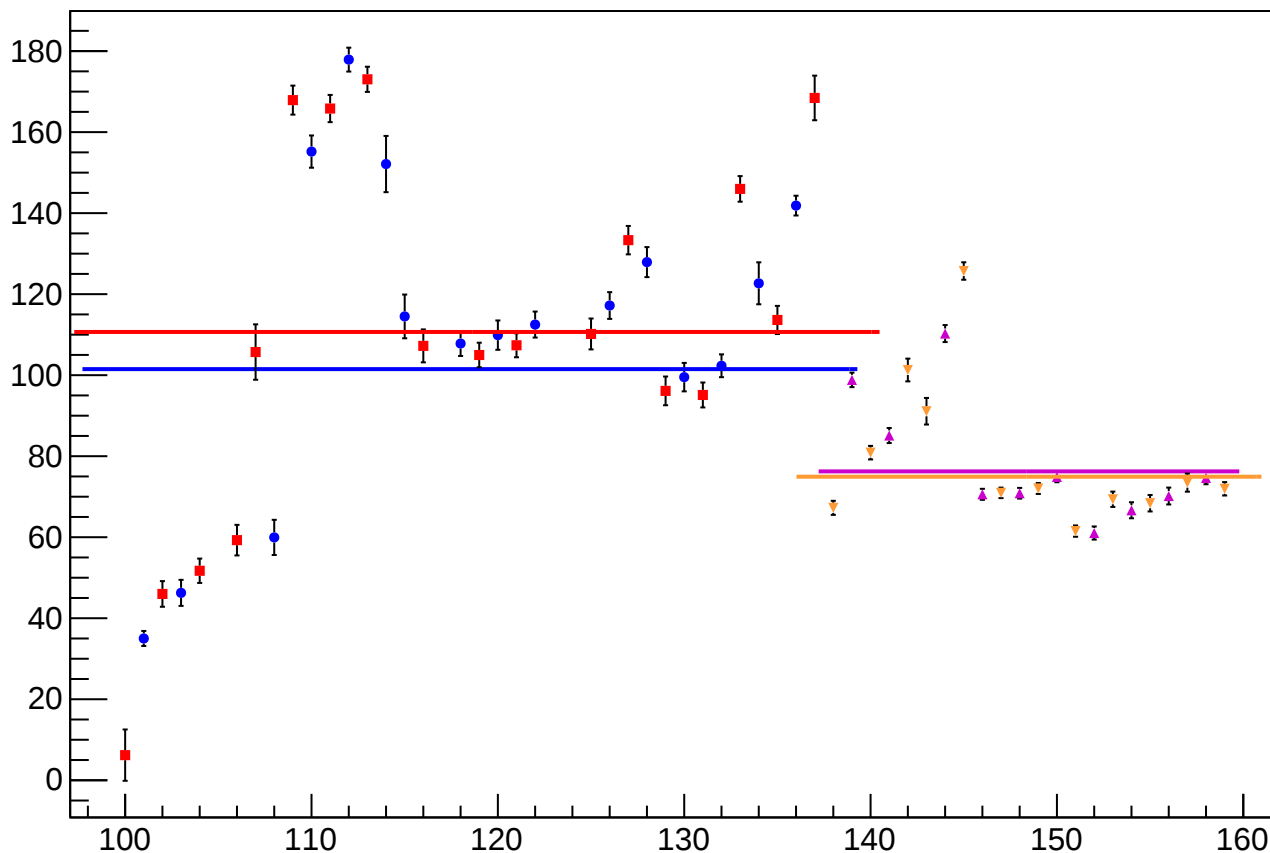
Left In: 4.269 ± 0.348 $\chi^2/\text{NDF}: 147.3/9$

+ sign 4.404 ± 0.264 $\chi^2/\text{NDF}: 678.5/27$

All: 5.029 ± 0.191 $\chi^2/\text{NDF}: 1290.9/55$

- sign 5.714 ± 0.276 $\chi^2/\text{NDF}: 600.7/27$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.496 ± 0.808 χ^2/NDF : 2973.0/15

Left Out: 74.938 ± 0.509 χ^2/NDF : 828.7/11

Right Out: 110.670 ± 0.836 χ^2/NDF : 2513.7/17

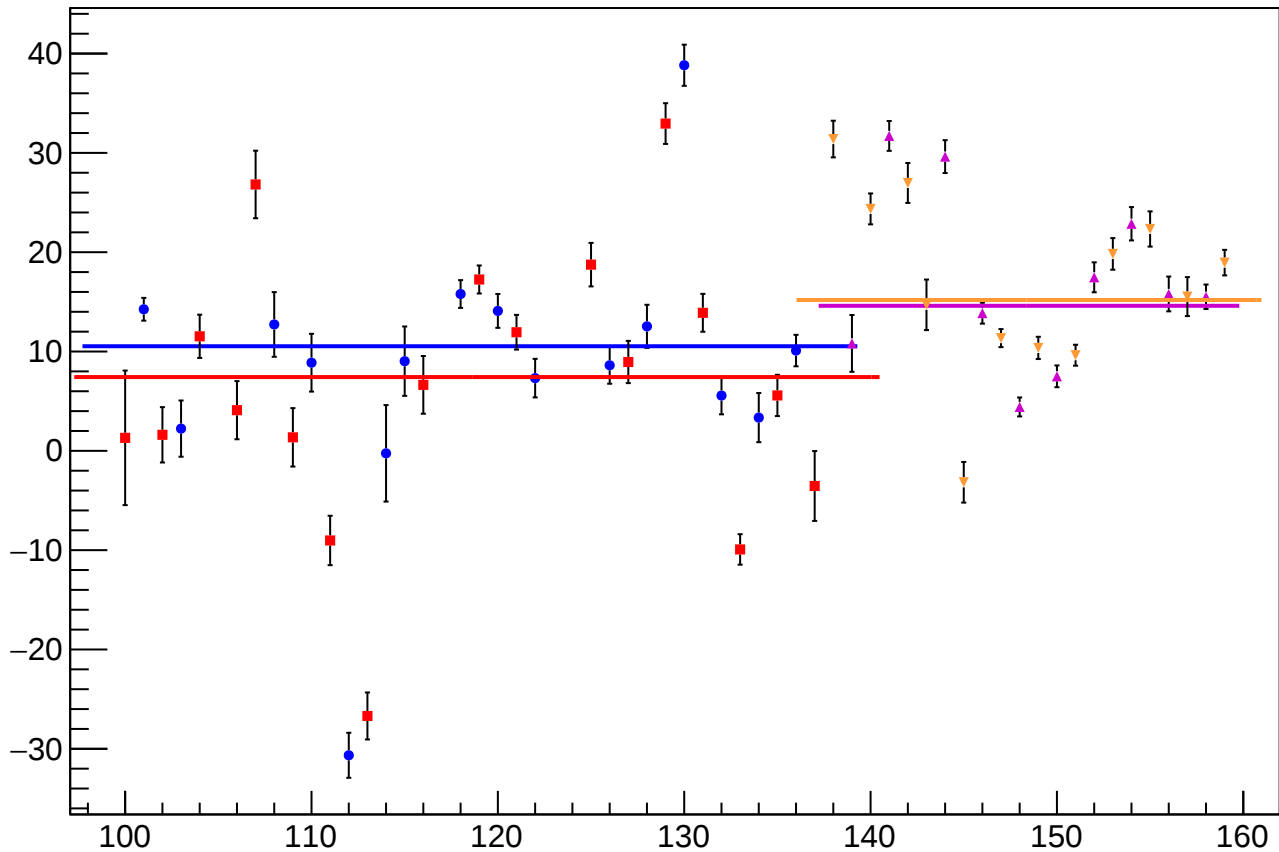
Left In: 76.252 ± 0.513 χ^2/NDF : 600.6/9

+ sign 82.479 ± 0.431 χ^2/NDF : 4574.8/27

All: 84.049 ± 0.307 χ^2/NDF : 8947.9/55

- sign 85.666 ± 0.437 χ^2/NDF : 4346.1/27

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 15.187 ± 0.414 $\chi^2/\text{NDF}: 324.1/11$

Right Out: 7.429 ± 0.524 $\chi^2/\text{NDF}: 685.8/17$

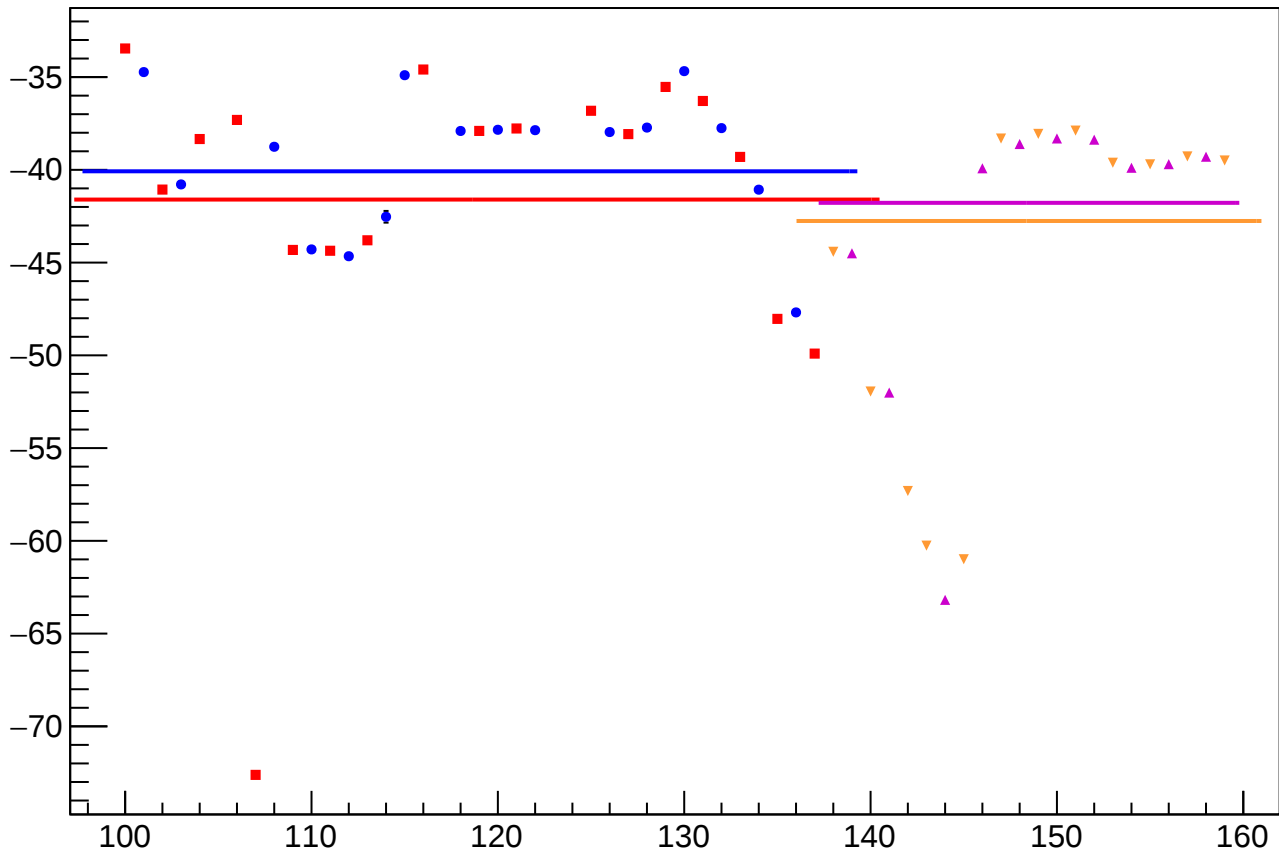
Left In: 14.604 ± 0.425 $\chi^2/\text{NDF}: 399.0/9$

+ sign 13.260 ± 0.317 $\chi^2/\text{NDF}: 956.7/27$

All: 12.537 ± 0.229 $\chi^2/\text{NDF}: 2165.6/55$

- sign 11.754 ± 0.330 $\chi^2/\text{NDF}: 1198.0/27$

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -42.757 ± 0.021 χ^2/NDF : 123462.3/11

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

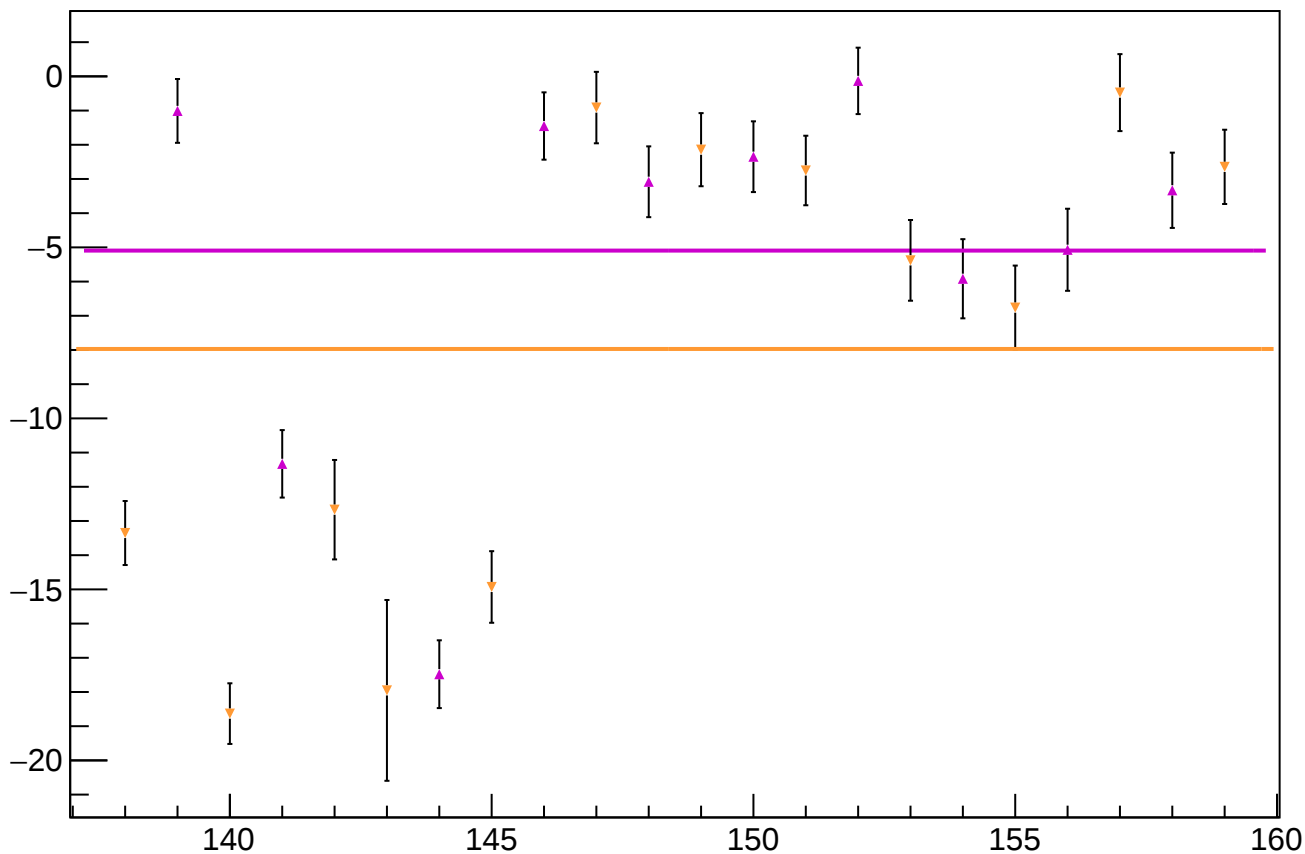
Left In: -41.779 ± 0.020 χ^2/NDF : 88601.9/9

+ sign -41.832 ± 0.017 χ^2/NDF : 154503.7/27

All: -41.776 ± 0.012 χ^2/NDF : 305010.2/55

- sign -41.719 ± 0.017 χ^2/NDF : 150483.5/27

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -7.970+/-0.321 χ^2/NDF : 422.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

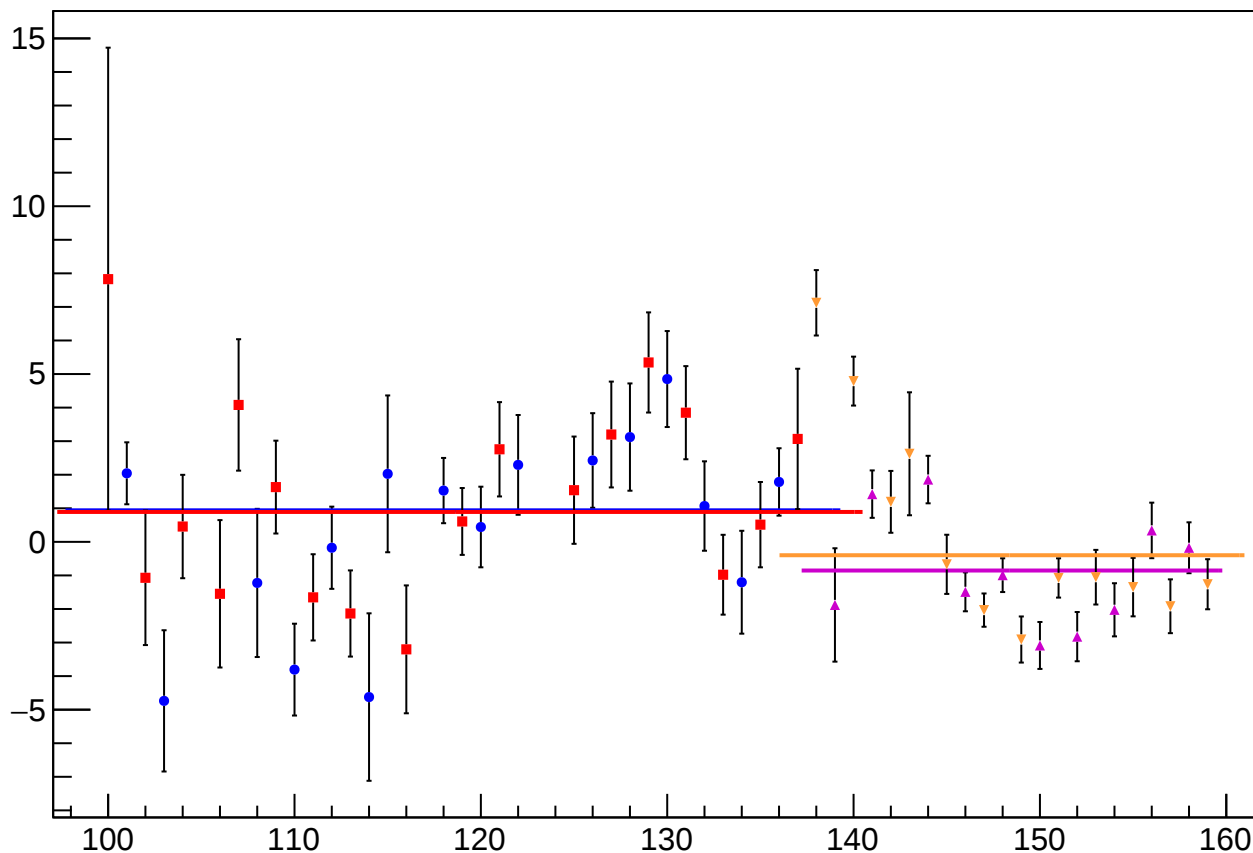
Left In: -5.094+/-0.326 χ^2/NDF : 269.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.555+/-0.229 χ^2/NDF : 731.1/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.939 ± 0.339 χ^2/NDF : 42.2/15

Left Out: -0.399 ± 0.218 χ^2/NDF : 148.4/11

Right Out: 0.891 ± 0.354 χ^2/NDF : 41.6/17

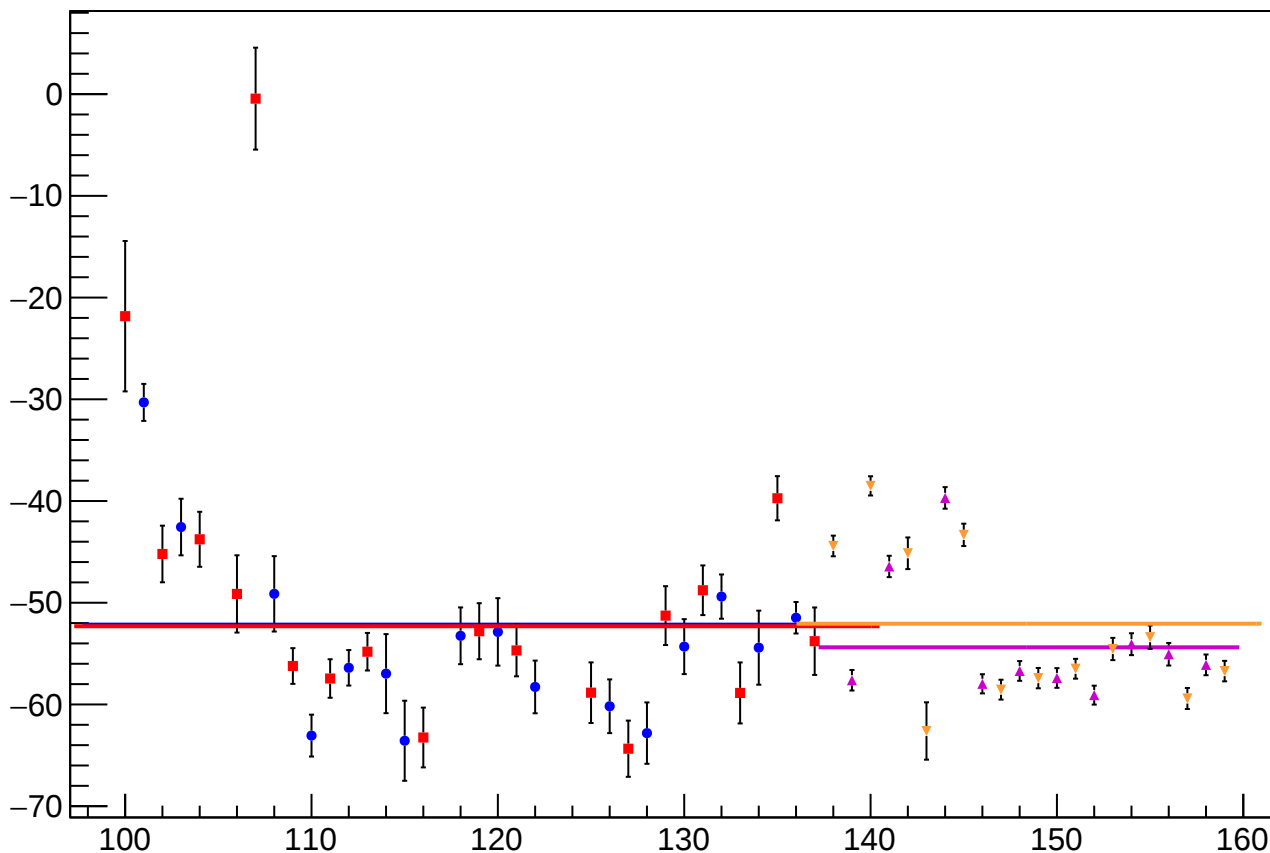
Left In: -0.854 ± 0.224 χ^2/NDF : 49.2/9

+ sign -0.006 ± 0.183 χ^2/NDF : 201.6/27

All: -0.175 ± 0.132 χ^2/NDF : 311.5/55

- sign -0.355 ± 0.189 χ^2/NDF : 108.1/27

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -52.060 ± 0.315 χ^2/NDF : 531.3/11

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

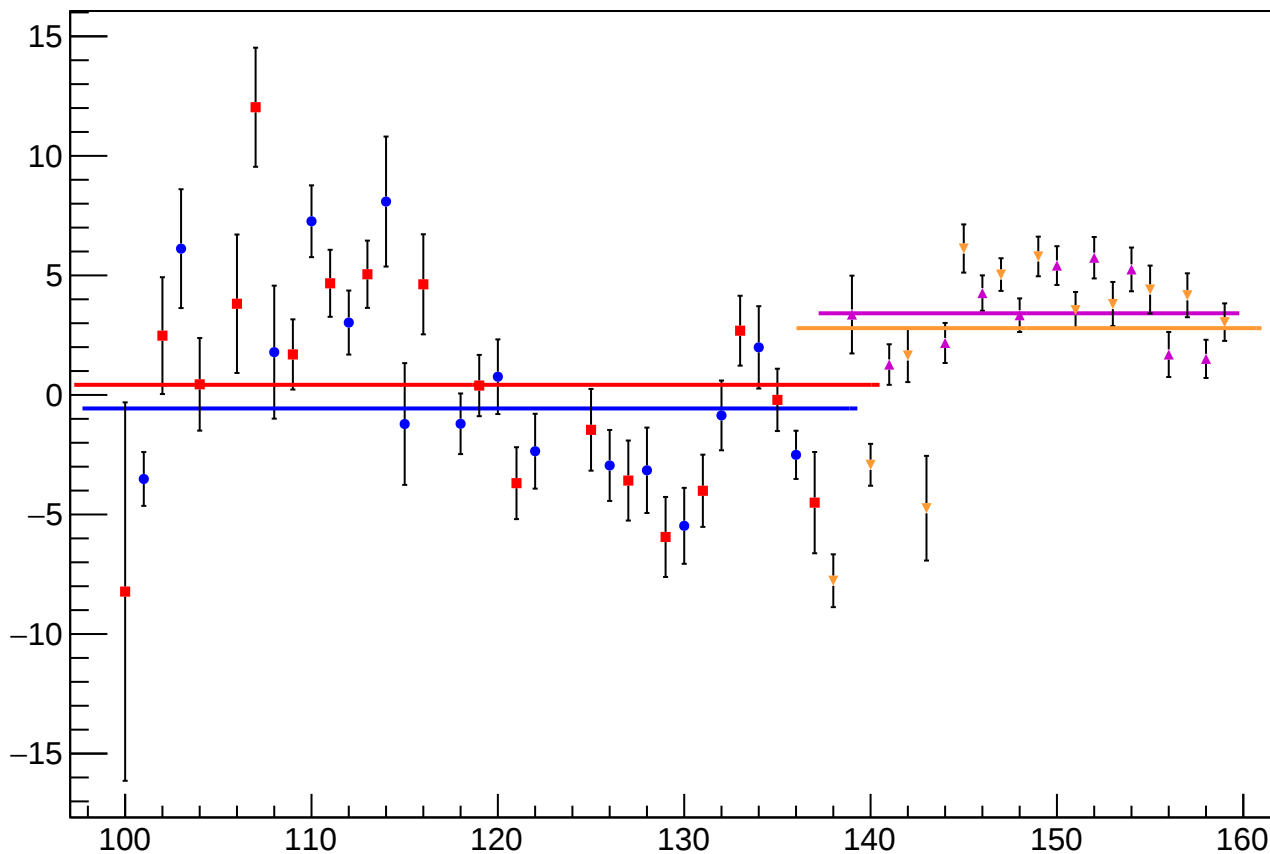
Left In: -54.383 ± 0.319 χ^2/NDF : 318.5/9

+ sign -52.080 ± 0.280 χ^2/NDF : 762.4/27

All: -53.002 ± 0.199 χ^2/NDF : 1346.6/55

- sign -53.944 ± 0.283 χ^2/NDF : 562.3/27

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 2.794 ± 0.263 χ^2/NDF : 188.7/11

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

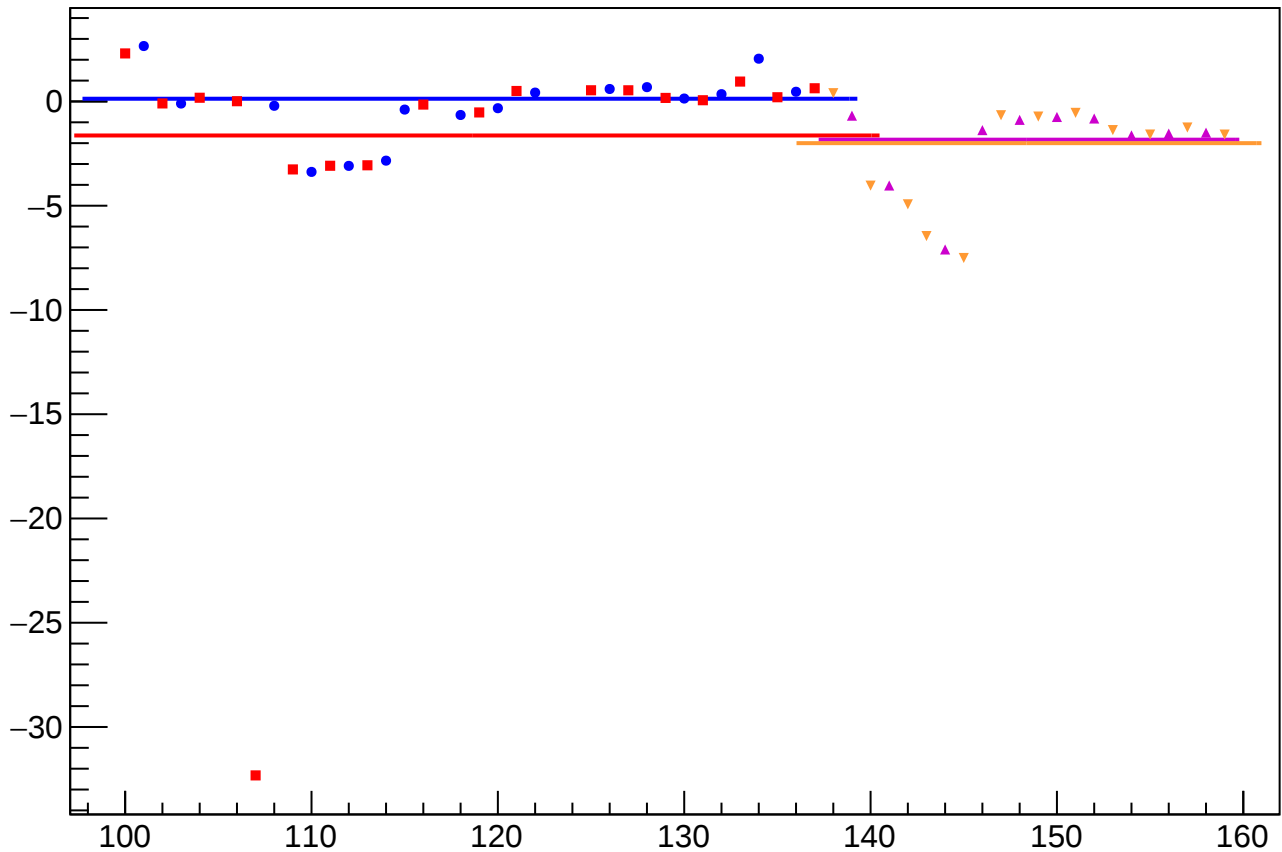
Left In: 3.415 ± 0.269 χ^2/NDF : 36.2/9

+ sign 1.721 ± 0.217 χ^2/NDF : 322.5/27

All: 2.090 ± 0.156 χ^2/NDF : 498.5/55

- sign 2.481 ± 0.223 χ^2/NDF : 170.1/27

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$

Left Out: -2.000 ± 0.012 $\chi^2/\text{NDF}: 29987.9/11$

Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$

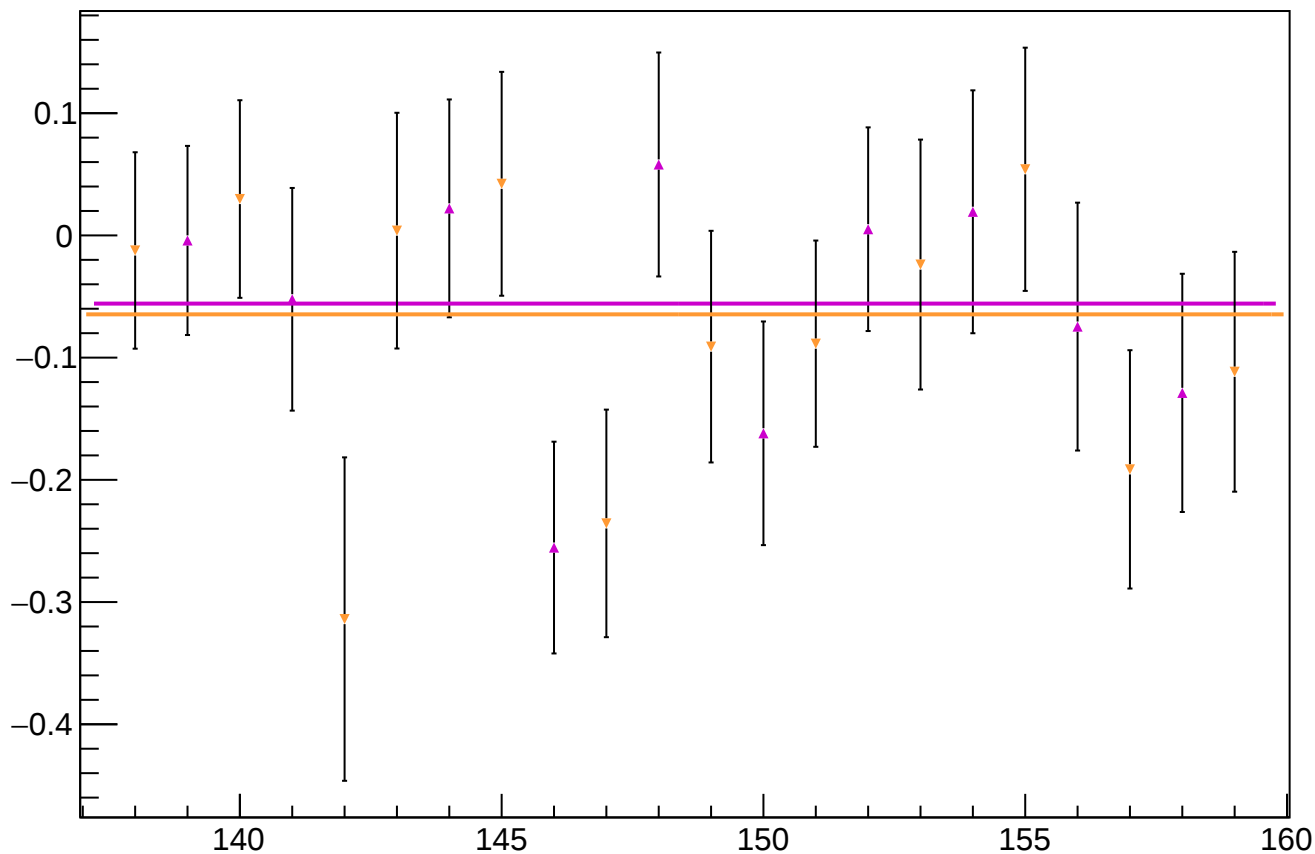
Left In: -1.833 ± 0.012 $\chi^2/\text{NDF}: 18915.6/9$

+ sign -1.472 ± 0.011 $\chi^2/\text{NDF}: 42593.2/27$

All: -1.626 ± 0.008 $\chi^2/\text{NDF}: 139866.8/55$

- sign -1.784 ± 0.011 $\chi^2/\text{NDF}: 96854.4/27$

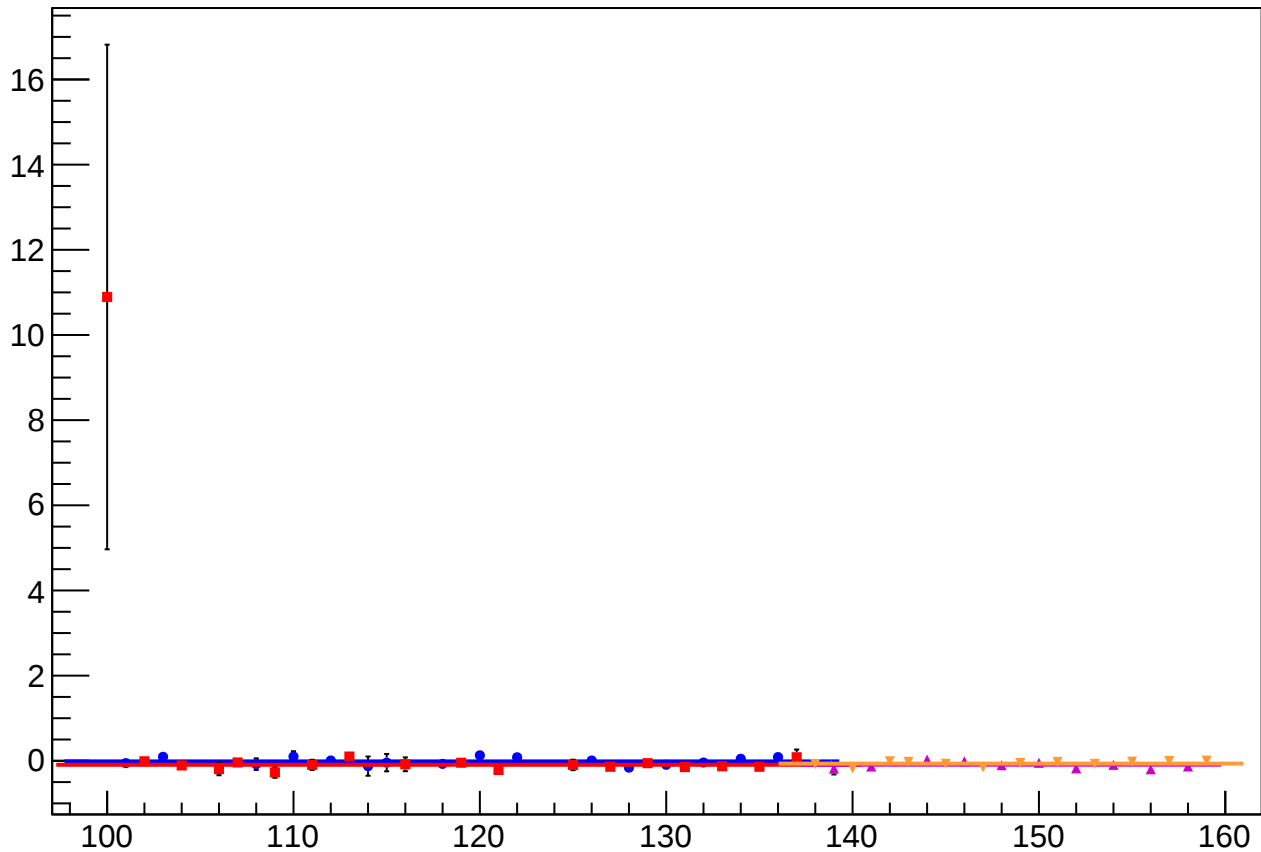
reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.065 $\pm$ 0.027 χ^2 /NDF: 14.2/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.056 $\pm$ 0.028 χ^2 /NDF: 11.1/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.060 $\pm$ 0.020 χ^2 /NDF: 25.4/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.066 ± 0.018 χ^2/NDF : 10.6/11

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

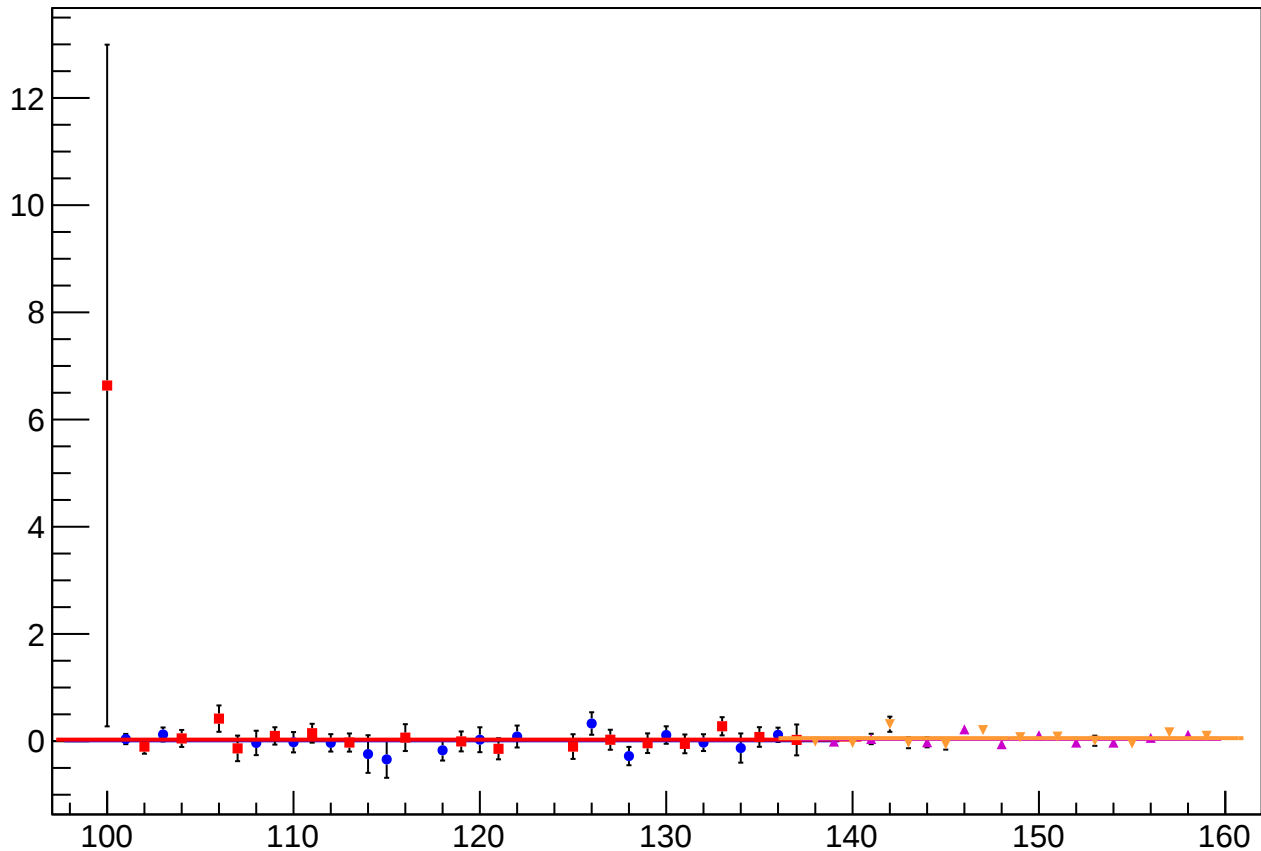
Left In: -0.092 ± 0.020 χ^2/NDF : 11.9/9

+ sign -0.046 ± 0.014 χ^2/NDF : 26.1/27

All: -0.068 ± 0.011 χ^2/NDF : 56.4/55

- sign -0.092 ± 0.015 χ^2/NDF : 25.5/27

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.015 ± 0.043 χ^2/NDF : 10.1/15

Left Out: 0.055 ± 0.027 χ^2/NDF : 13.4/11

Right Out: 0.028 ± 0.045 χ^2/NDF : 9.5/17

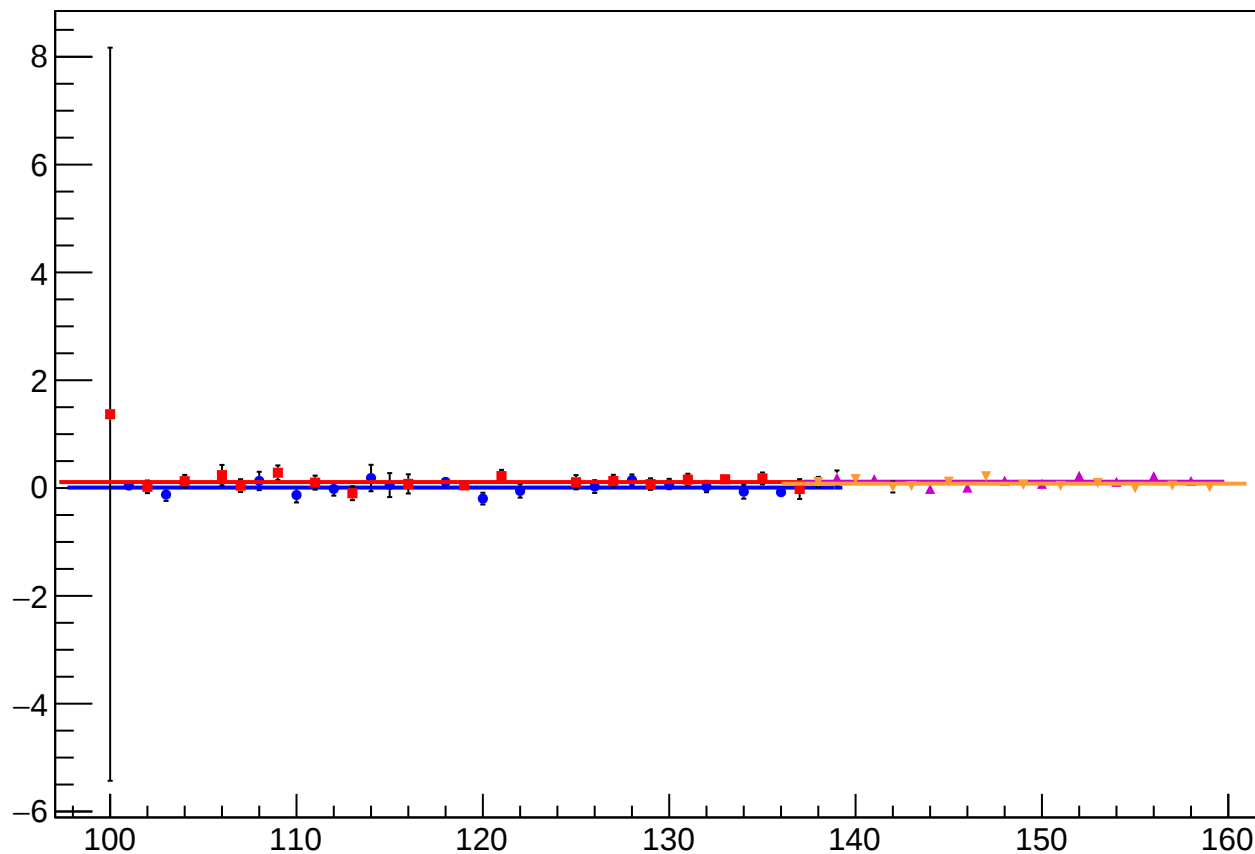
Left In: 0.042 ± 0.028 χ^2/NDF : 9.5/9

+ sign 0.044 ± 0.023 χ^2/NDF : 24.1/27

All: 0.041 ± 0.016 χ^2/NDF : 43.3/55

- sign 0.038 ± 0.024 χ^2/NDF : 19.1/27

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.081 $\pm$ 0.022 χ^2 /NDF: 10.0/11

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

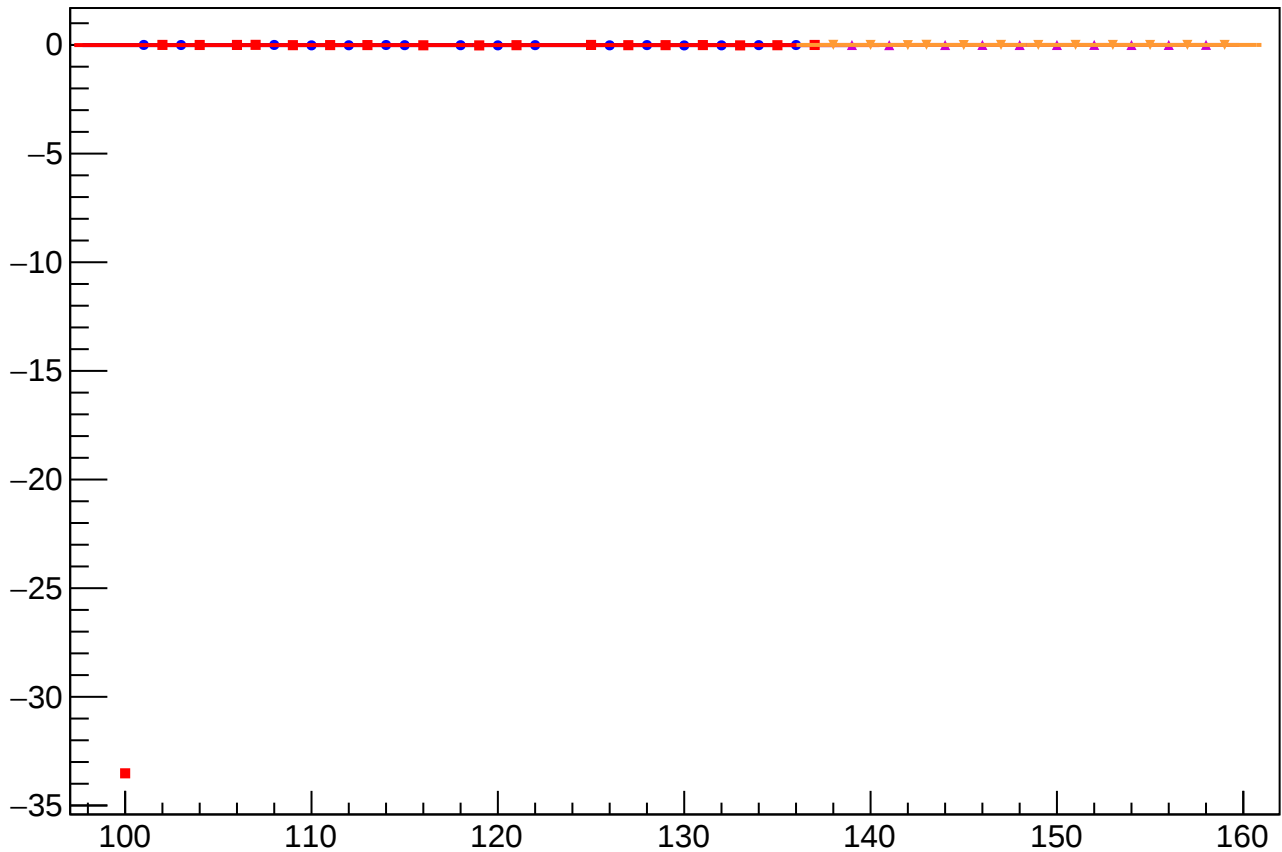
Left In: 0.118 $\pm$ 0.024 χ^2 /NDF: 10.9/9

+ sign 0.052 $\pm$ 0.017 χ^2 /NDF: 26.9/27

All: 0.081 $\pm$ 0.013 χ^2 /NDF: 52.8/55

- sign 0.115 $\pm$ 0.018 χ^2 /NDF: 19.6/27

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 +/- 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 +/- 0.001 χ^2/NDF : 9.0/11

Right Out: -0.006 +/- 0.001 χ^2/NDF : 26508.9/17

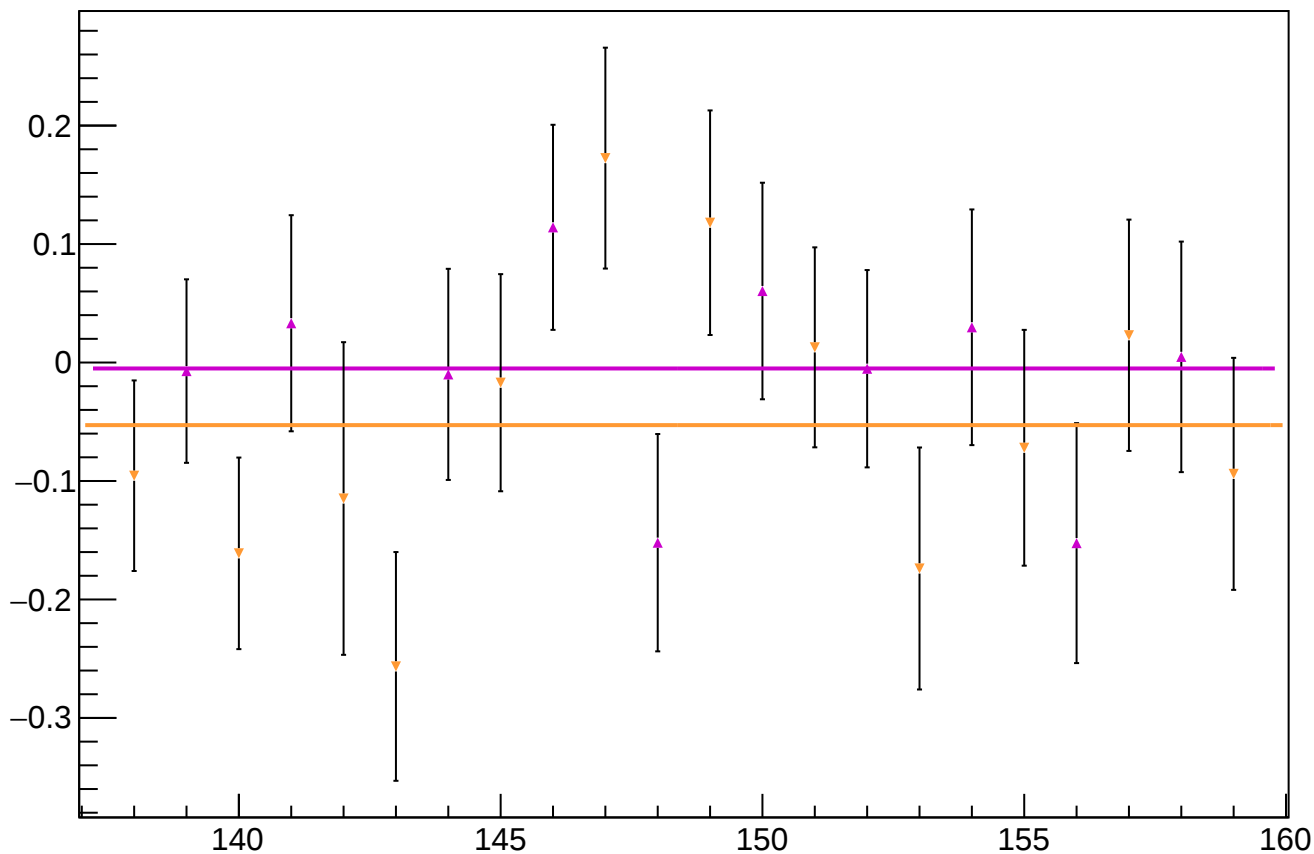
Left In: 0.000 +/- 0.001 χ^2/NDF : 7.1/9

+ sign -0.001 +/- 0.001 χ^2/NDF : 46.5/27

All: -0.001 +/- 0.001 χ^2/NDF : 26574.1/55

- sign -0.002 +/- 0.001 χ^2/NDF : 26526.7/27

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.053+/-0.027 χ^2/NDF : 18.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

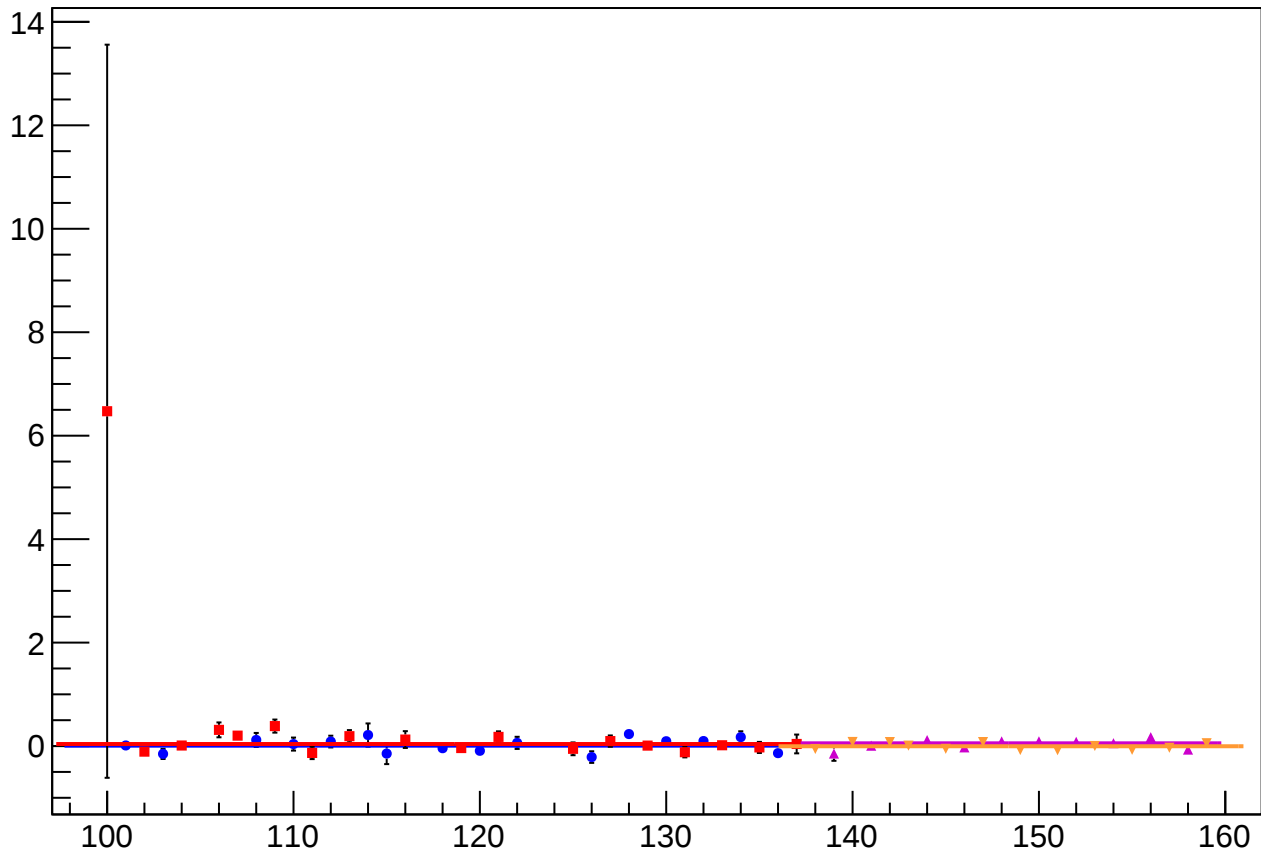
Left In: -0.005+/-0.028 χ^2/NDF : 7.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.020 χ^2/NDF : 27.7/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.004 $\pm$ 0.018 χ^2 /NDF: 12.5/11

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

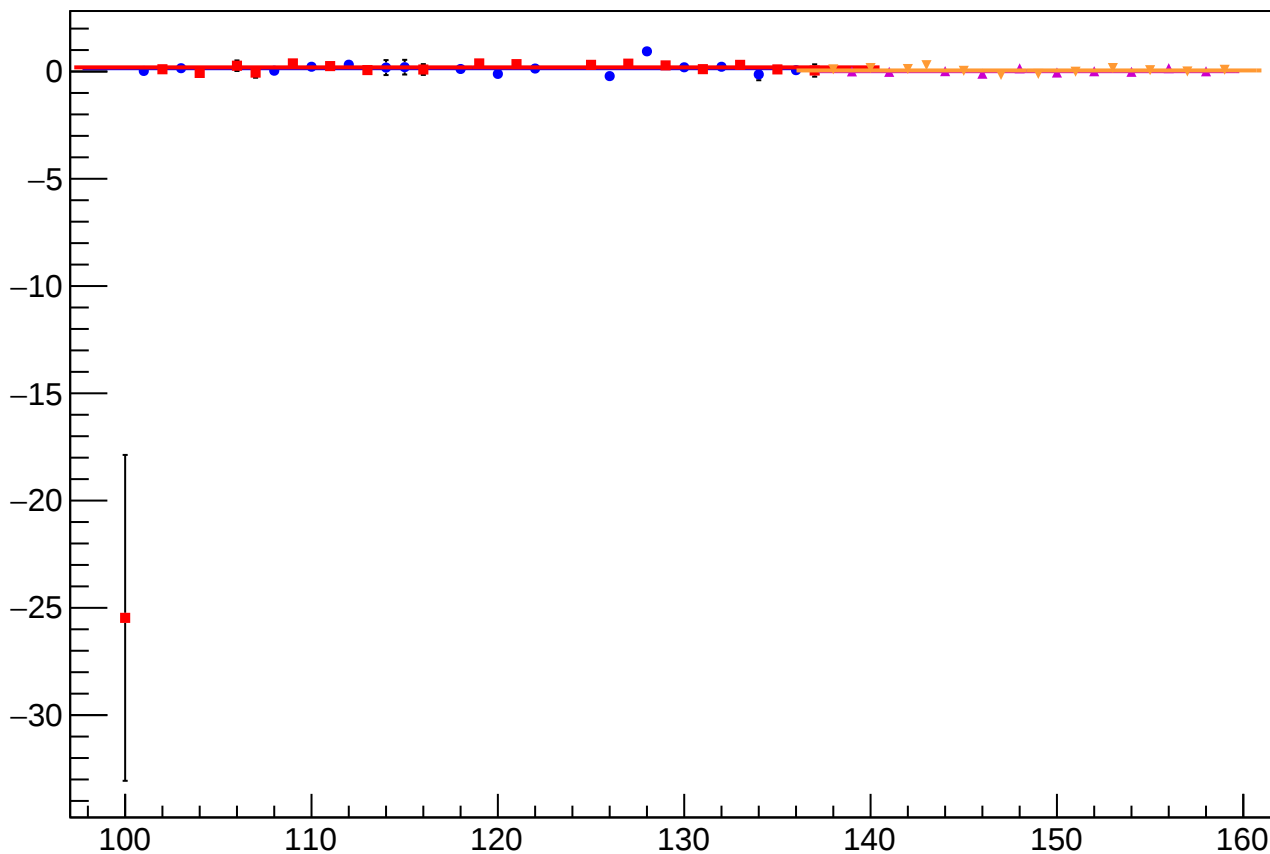
Left In: 0.053 $\pm$ 0.020 χ^2 /NDF: 13.3/9

+ sign 0.001 $\pm$ 0.014 χ^2 /NDF: 36.3/27

All: 0.023 $\pm$ 0.011 χ^2 /NDF: 83.1/55

- sign 0.048 $\pm$ 0.015 χ^2 /NDF: 41.9/27

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.154 ± 0.043 χ^2/NDF : 30.5/15

Left Out: 0.049 ± 0.027 χ^2/NDF : 19.4/11

Right Out: 0.193 ± 0.045 χ^2/NDF : 22.0/17

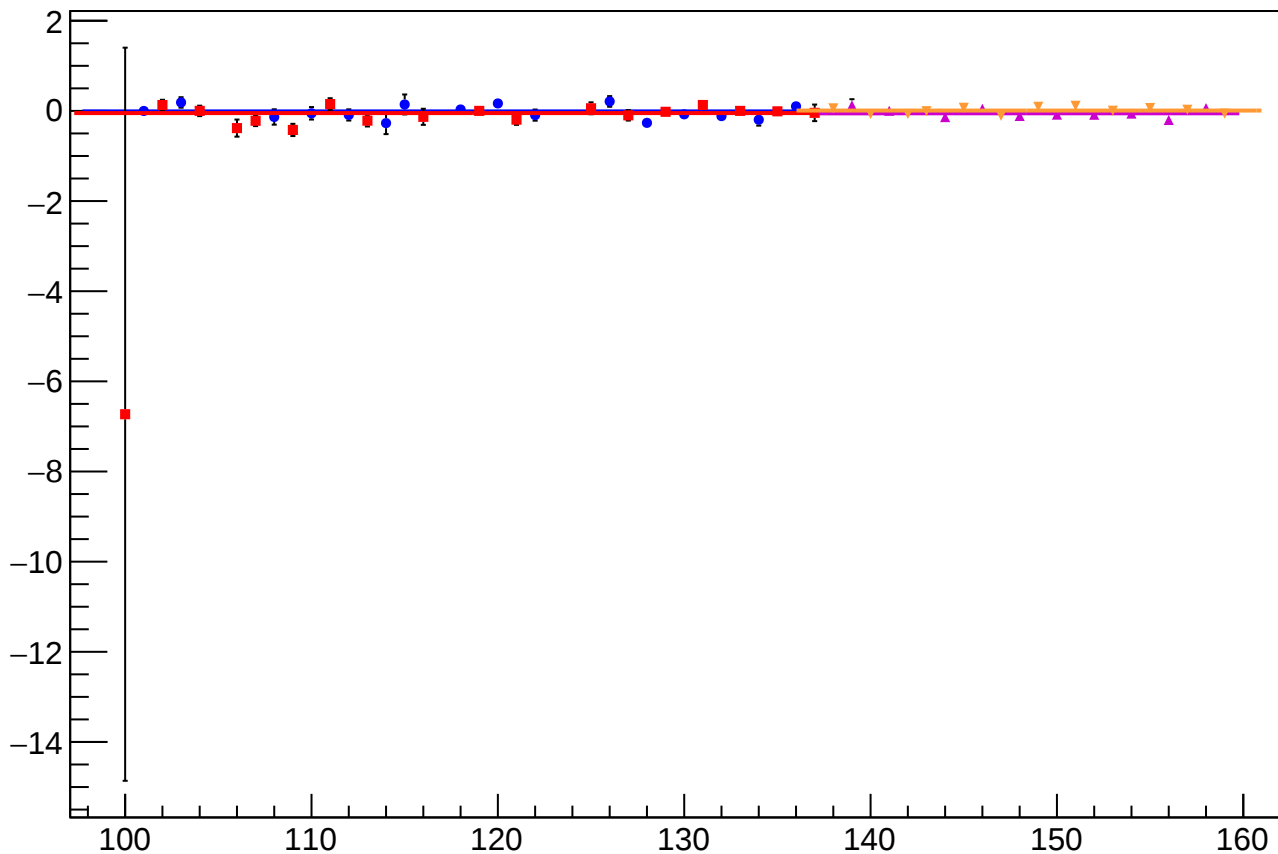
Left In: 0.015 ± 0.028 χ^2/NDF : 7.4/9

+ sign 0.079 ± 0.023 χ^2/NDF : 54.2/27

All: 0.072 ± 0.016 χ^2/NDF : 95.2/55

- sign 0.064 ± 0.024 χ^2/NDF : 40.8/27

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.008 ± 0.022 χ^2/NDF : 11.6/11

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

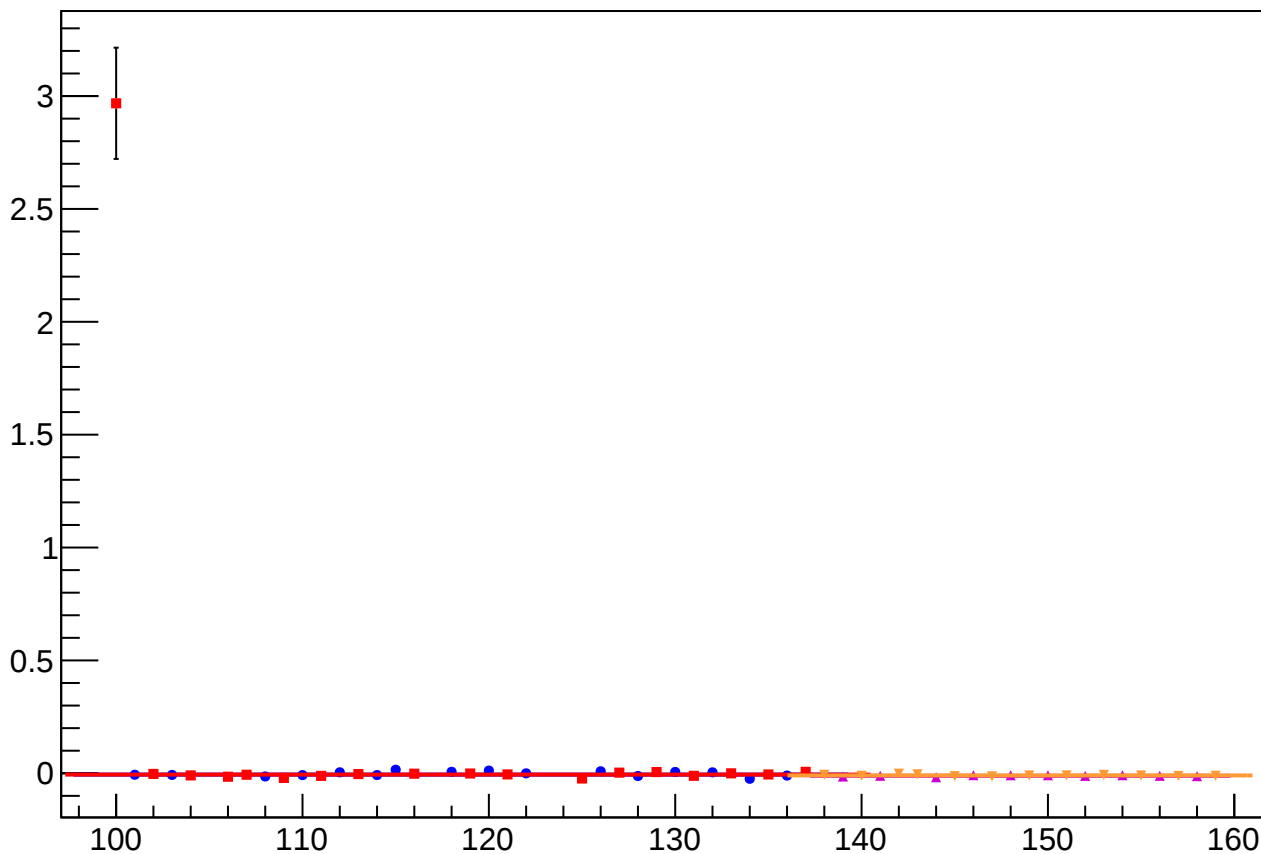
Left In: -0.053 ± 0.024 χ^2/NDF : 13.3/9

+ sign -0.000 ± 0.017 χ^2/NDF : 35.3/27

All: -0.024 ± 0.012 χ^2/NDF : 79.0/55

- sign -0.051 ± 0.018 χ^2/NDF : 39.5/27

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.010 ± 0.001 χ^2/NDF : 7.2/11

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

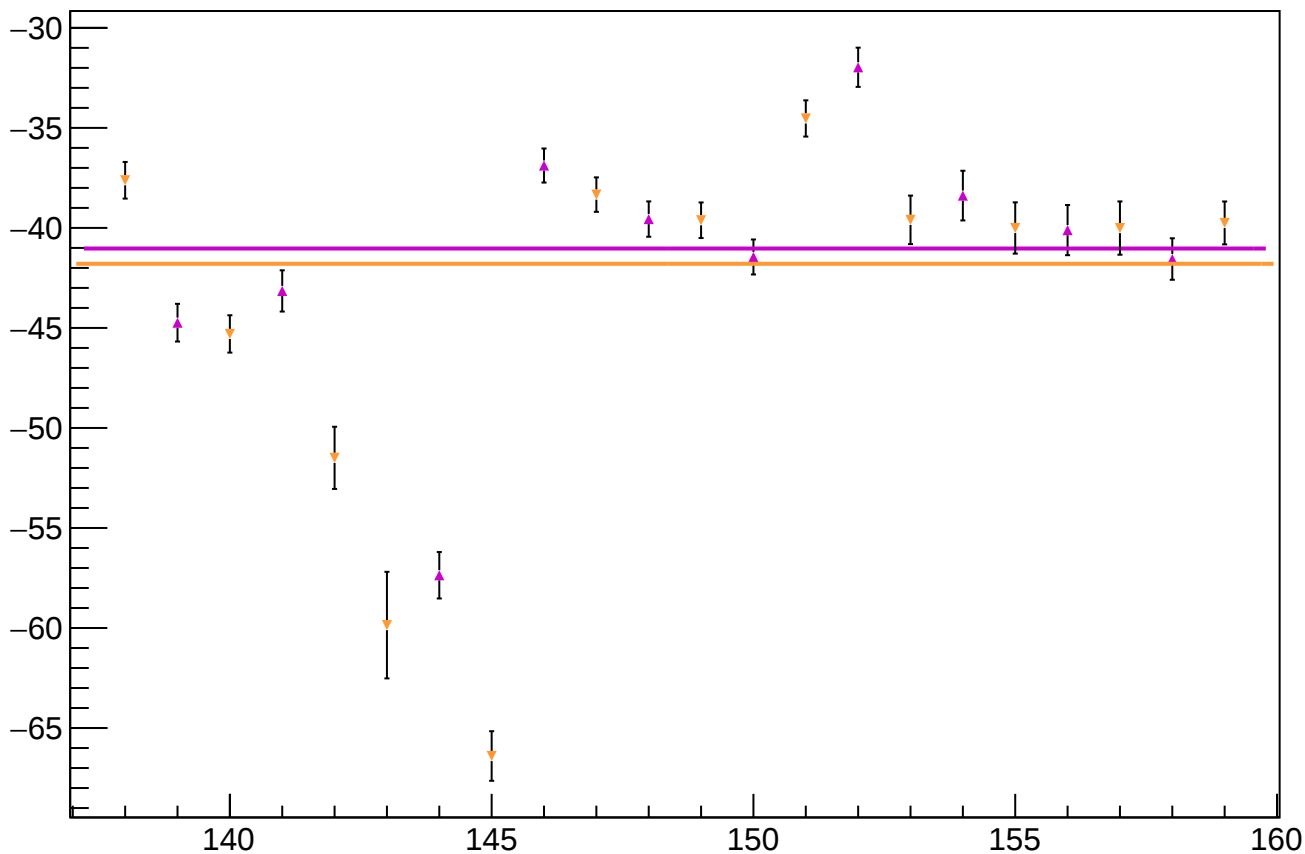
Left In: -0.011 ± 0.001 χ^2/NDF : 5.7/9

+ sign -0.008 ± 0.001 χ^2/NDF : 40.1/27

All: -0.009 ± 0.001 χ^2/NDF : 220.8/55

- sign -0.009 ± 0.001 χ^2/NDF : 180.0/27

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.793+/-0.315 χ^2/NDF : 611.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

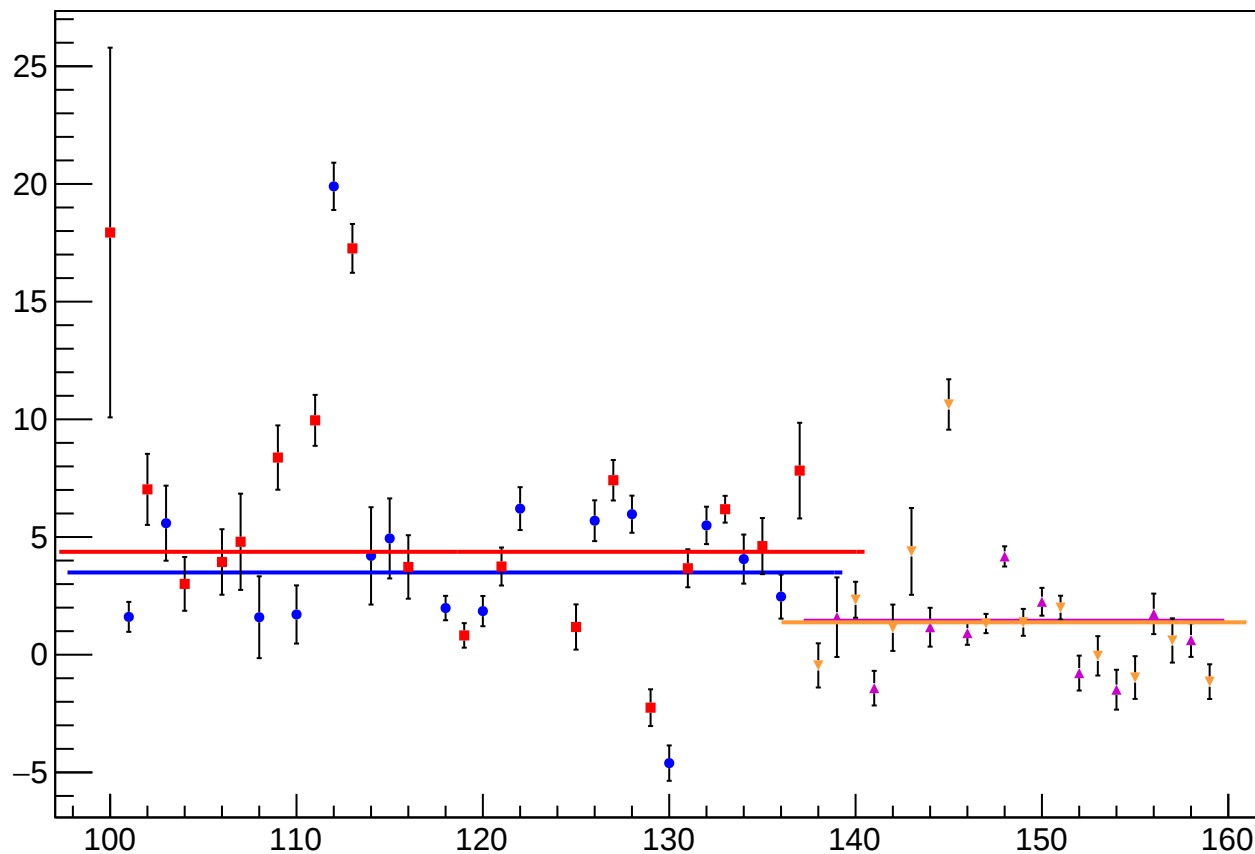
Left In: -41.030+/-0.316 χ^2/NDF : 335.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.413+/-0.223 χ^2/NDF : 949.3/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.494 ± 0.218 χ^2/NDF : 444.9/15

Left Out: 1.376 ± 0.206 χ^2/NDF : 106.2/11

Right Out: 4.372 ± 0.225 χ^2/NDF : 354.0/17

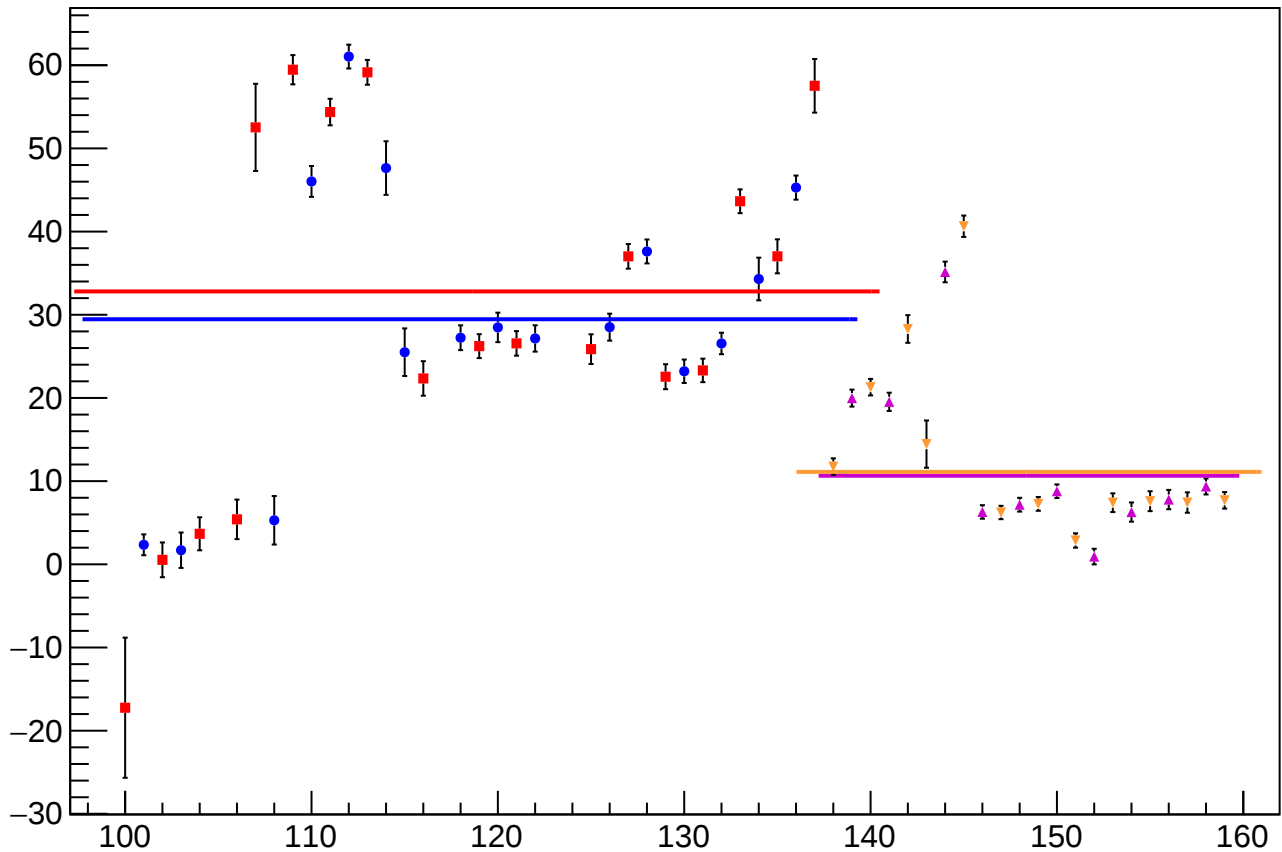
Left In: 1.445 ± 0.211 χ^2/NDF : 81.3/9

+ sign 2.376 ± 0.150 χ^2/NDF : 601.1/27

All: 2.587 ± 0.107 χ^2/NDF : 1130.4/55

- sign 2.810 ± 0.154 χ^2/NDF : 525.3/27

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 11.115 $\pm$ 0.307 χ^2 /NDF: 929.9/11

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

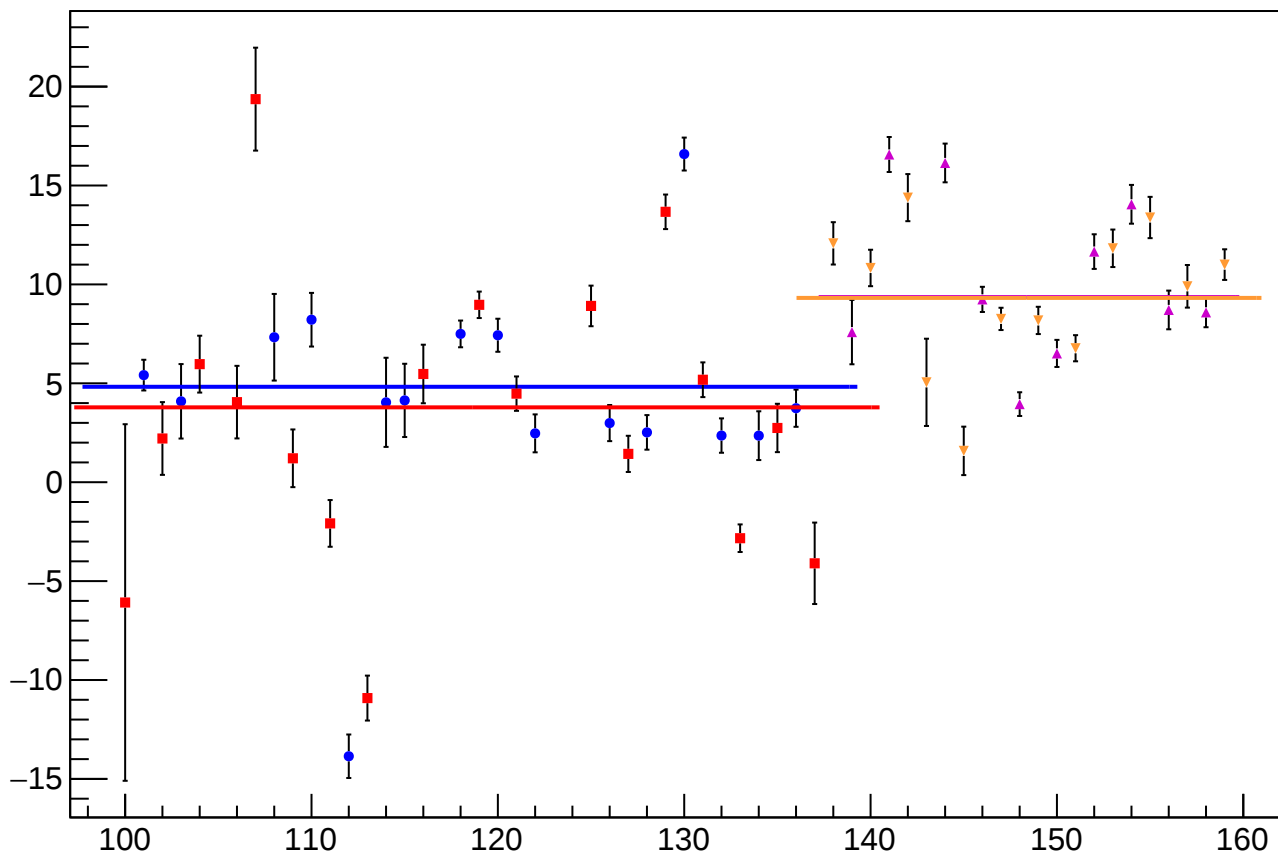
Left In: 10.651 $\pm$ 0.307 χ^2 /NDF: 719.9/9

+ sign 17.555 $\pm$ 0.247 χ^2 /NDF: 3674.9/27

All: 17.921 $\pm$ 0.175 χ^2 /NDF: 7856.0/55

- sign 18.290 $\pm$ 0.248 χ^2 /NDF: 4176.7/27

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.317 ± 0.252 $\chi^2/\text{NDF}: 119.4/11$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

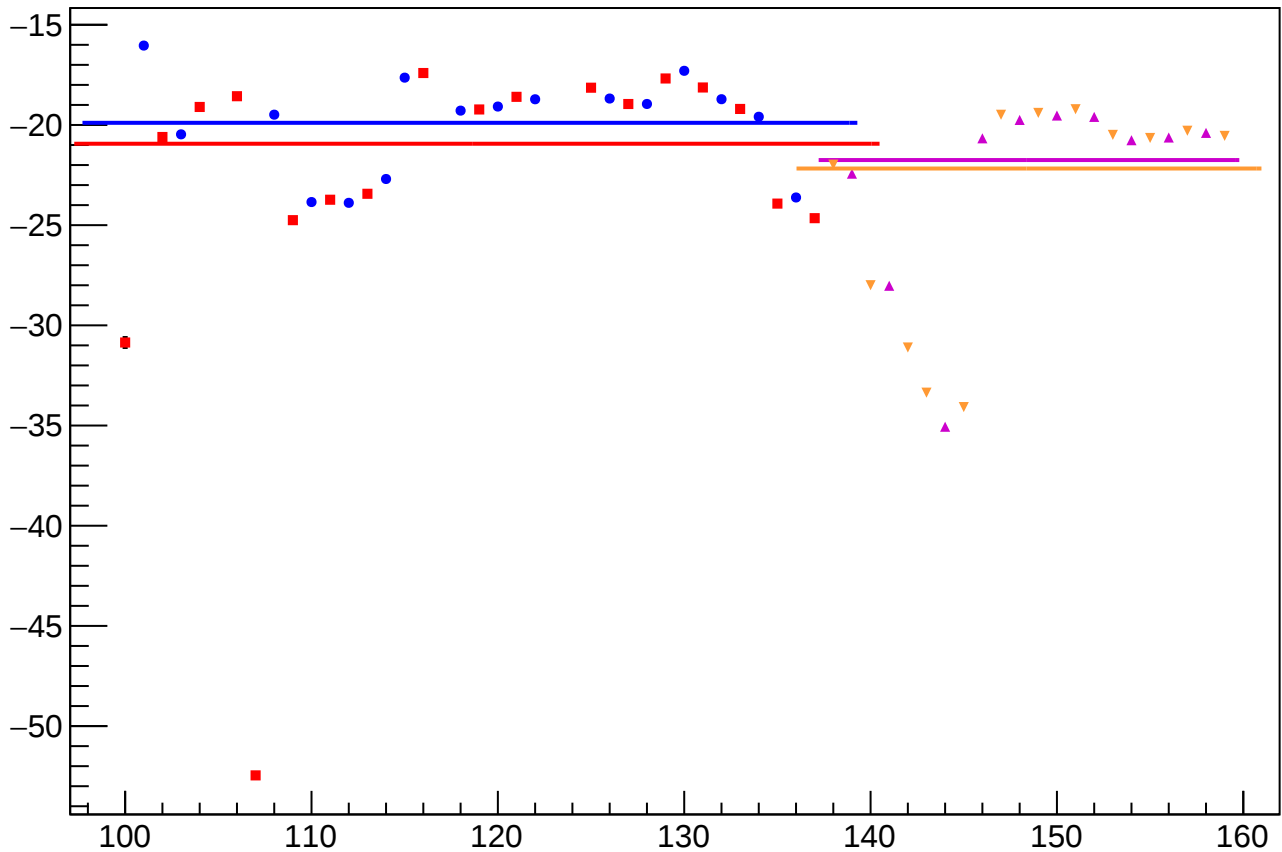
Left In: 9.362 ± 0.256 $\chi^2/\text{NDF}: 245.6/9$

+ sign 7.067 ± 0.178 $\chi^2/\text{NDF}: 831.4/27$

All: 6.840 ± 0.127 $\chi^2/\text{NDF}: 1879.7/55$

- sign 6.602 ± 0.182 $\chi^2/\text{NDF}: 1045.0/27$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -22.173 ± 0.012 χ^2/NDF : 124618.7/11

Right Out: -20.936 ± 0.016 χ^2/NDF : 94127.3/17

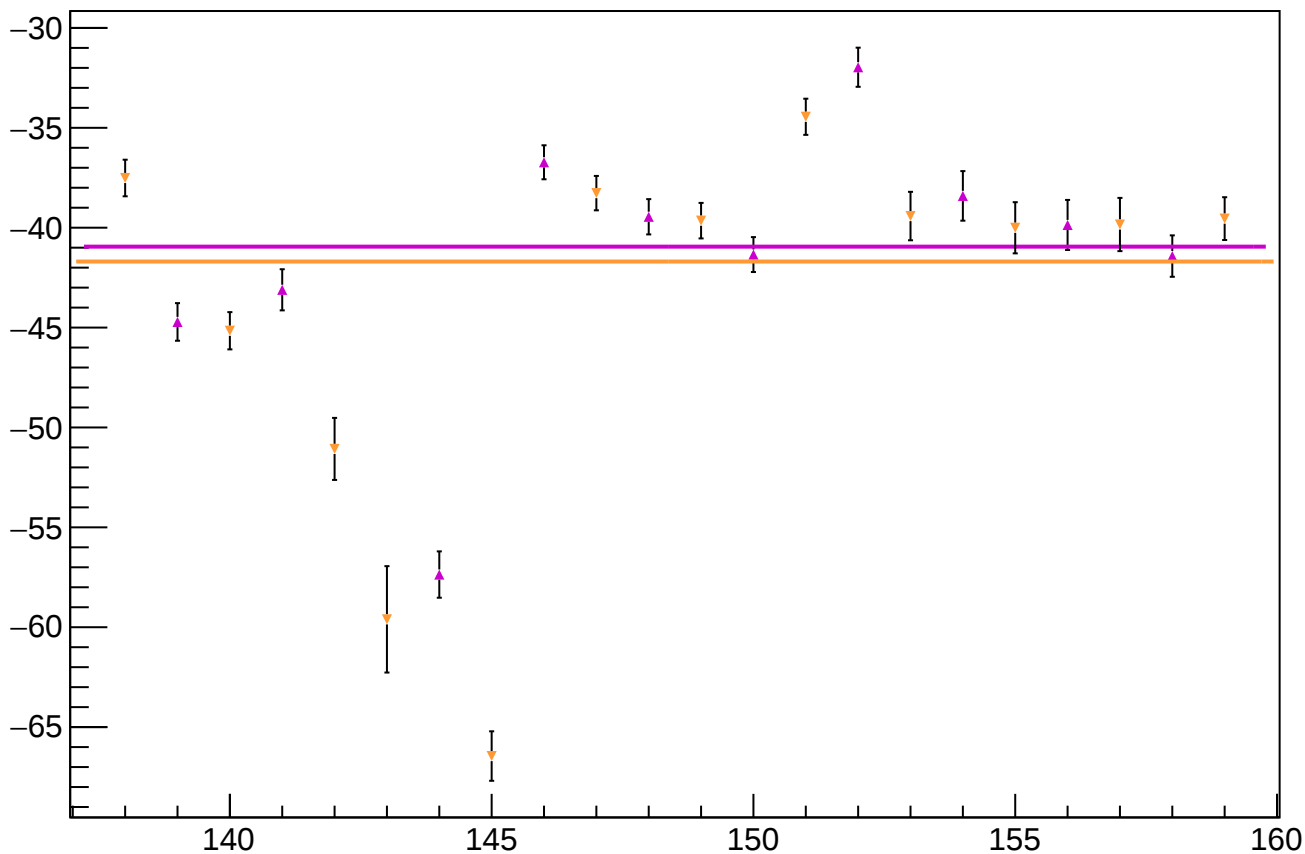
Left In: -21.751 ± 0.012 χ^2/NDF : 94533.0/9

+ sign -21.299 ± 0.010 χ^2/NDF : 163913.9/27

All: -21.373 ± 0.007 χ^2/NDF : 354373.4/55

- sign -21.446 ± 0.010 χ^2/NDF : 190341.8/27

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.694+/-0.315 χ^2/NDF : 612.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

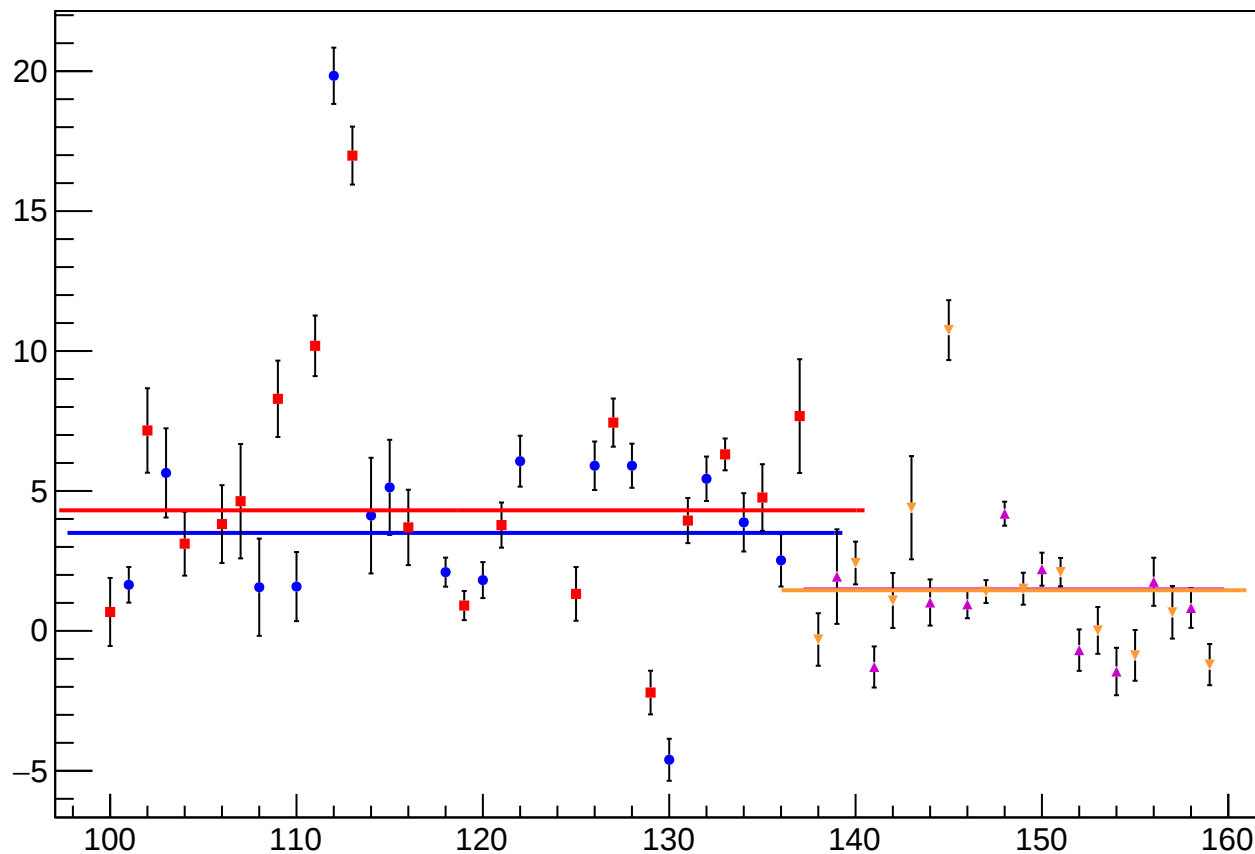
Left In: -40.948+/-0.316 χ^2/NDF : 337.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.322+/-0.223 χ^2/NDF : 952.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.452 ± 0.206 χ^2/NDF : 108.1/11

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

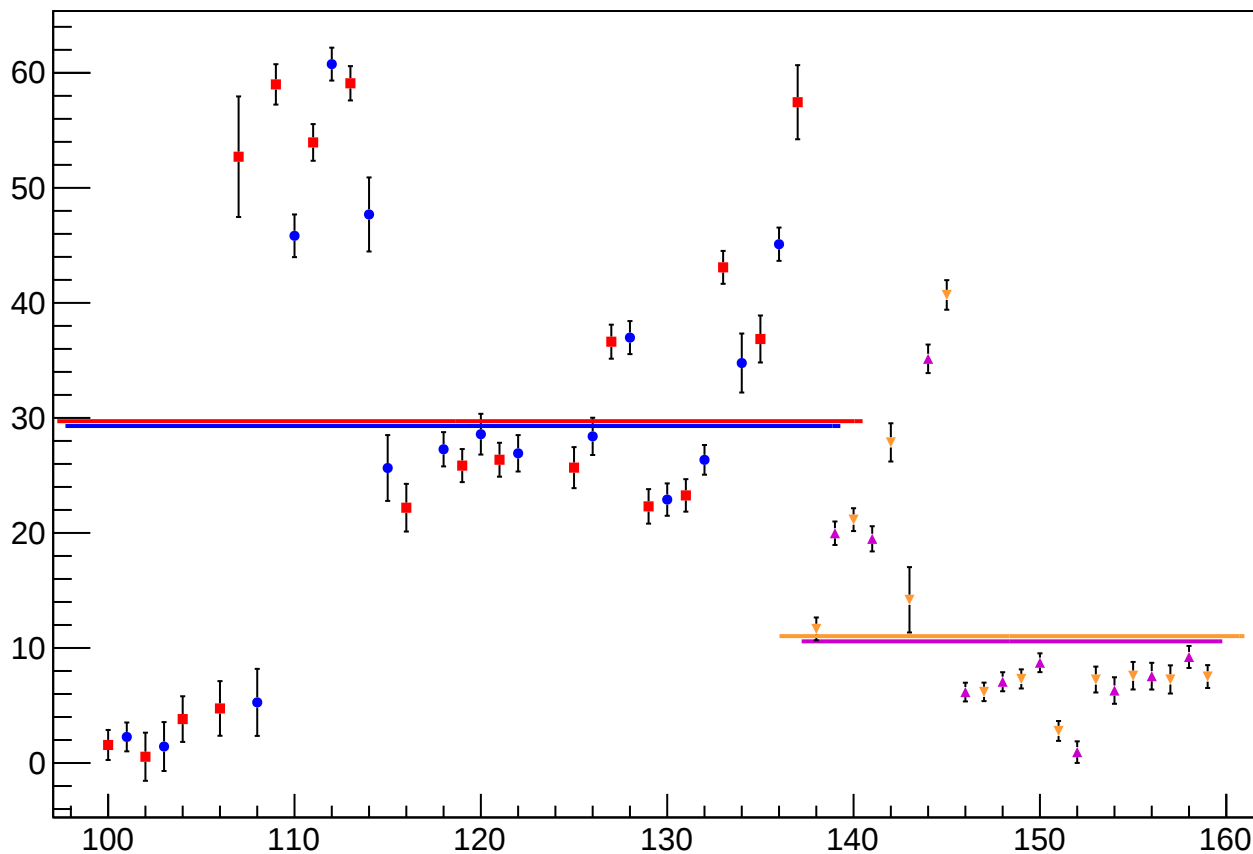
Left In: 1.481 ± 0.210 χ^2/NDF : 78.6/9

+ sign 2.420 ± 0.149 χ^2/NDF : 596.9/27

All: 2.617 ± 0.107 χ^2/NDF : 1117.5/55

- sign 2.823 ± 0.153 χ^2/NDF : 517.0/27

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 11.030 $\pm$ 0.307 χ^2 /NDF: 929.5/11

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

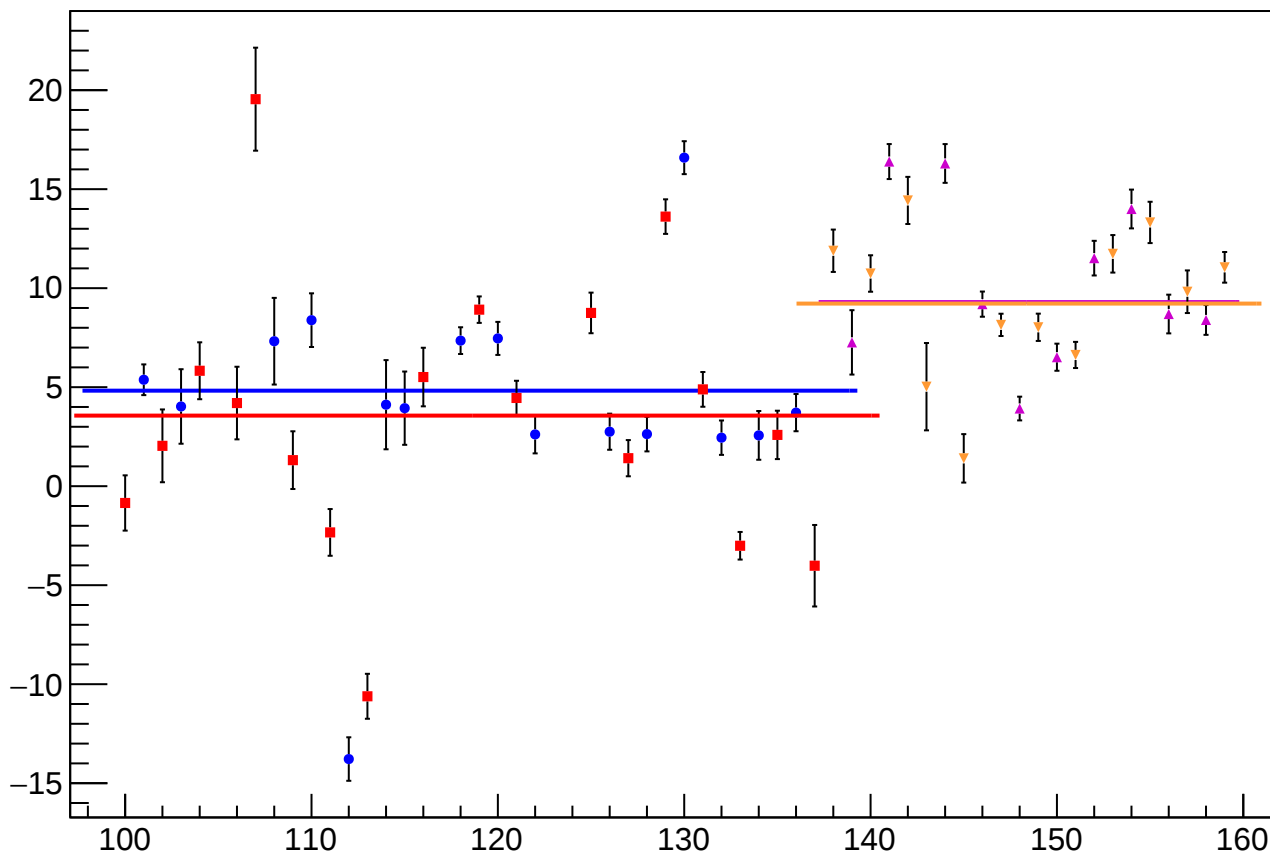
Left In: 10.576 $\pm$ 0.307 χ^2 /NDF: 723.8/9

+ sign 17.442 $\pm$ 0.247 χ^2 /NDF: 3658.6/27

All: 17.525 $\pm$ 0.174 χ^2 /NDF: 7942.5/55

- sign 17.606 $\pm$ 0.244 χ^2 /NDF: 4283.6/27

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.222 ± 0.252 χ^2/NDF : 123.0/11

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

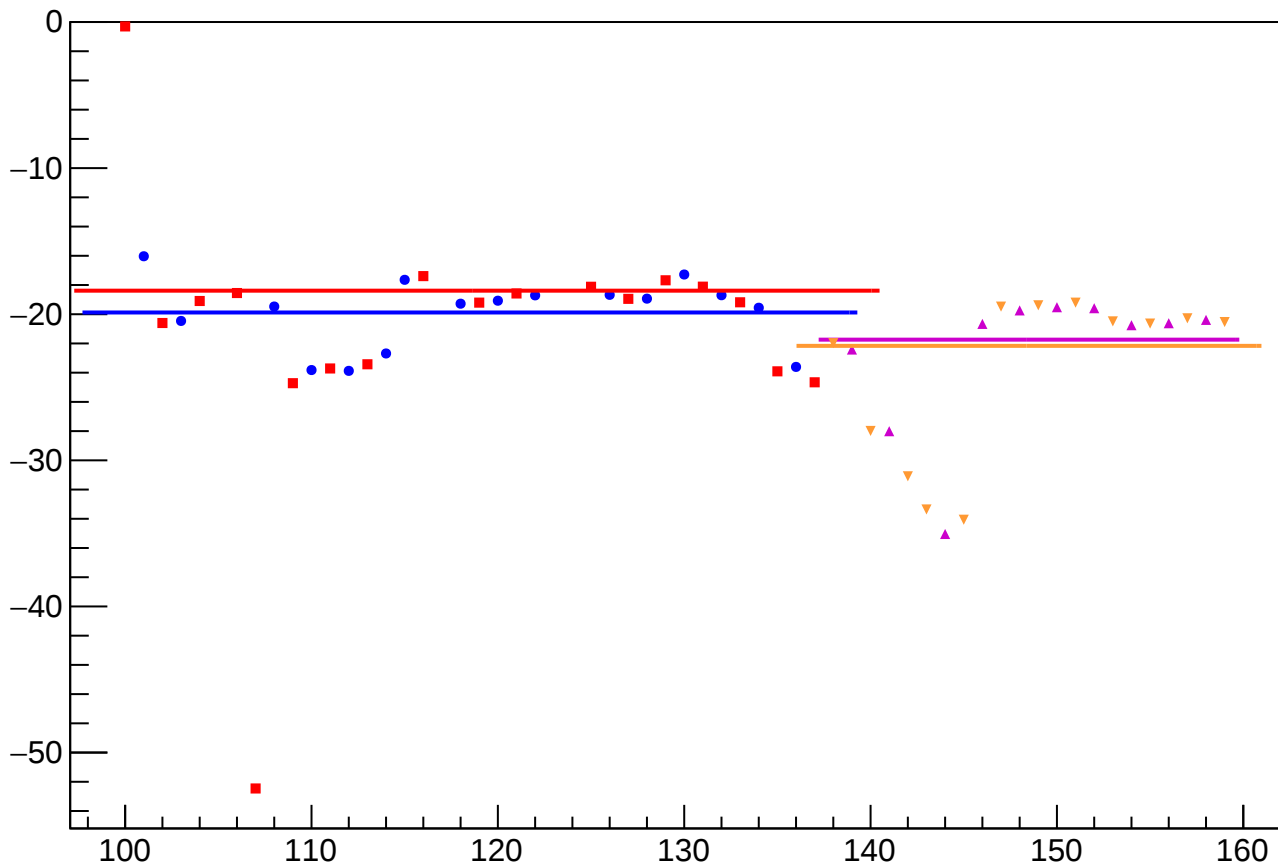
Left In: 9.299 ± 0.256 χ^2/NDF : 245.5/9

+ sign 7.019 ± 0.178 χ^2/NDF : 824.8/27

All: 6.721 ± 0.127 χ^2/NDF : 1898.7/55

- sign 6.414 ± 0.180 χ^2/NDF : 1068.2/27

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -22.164 ± 0.012 $\chi^2/\text{NDF}: 124716.7/11$

Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$

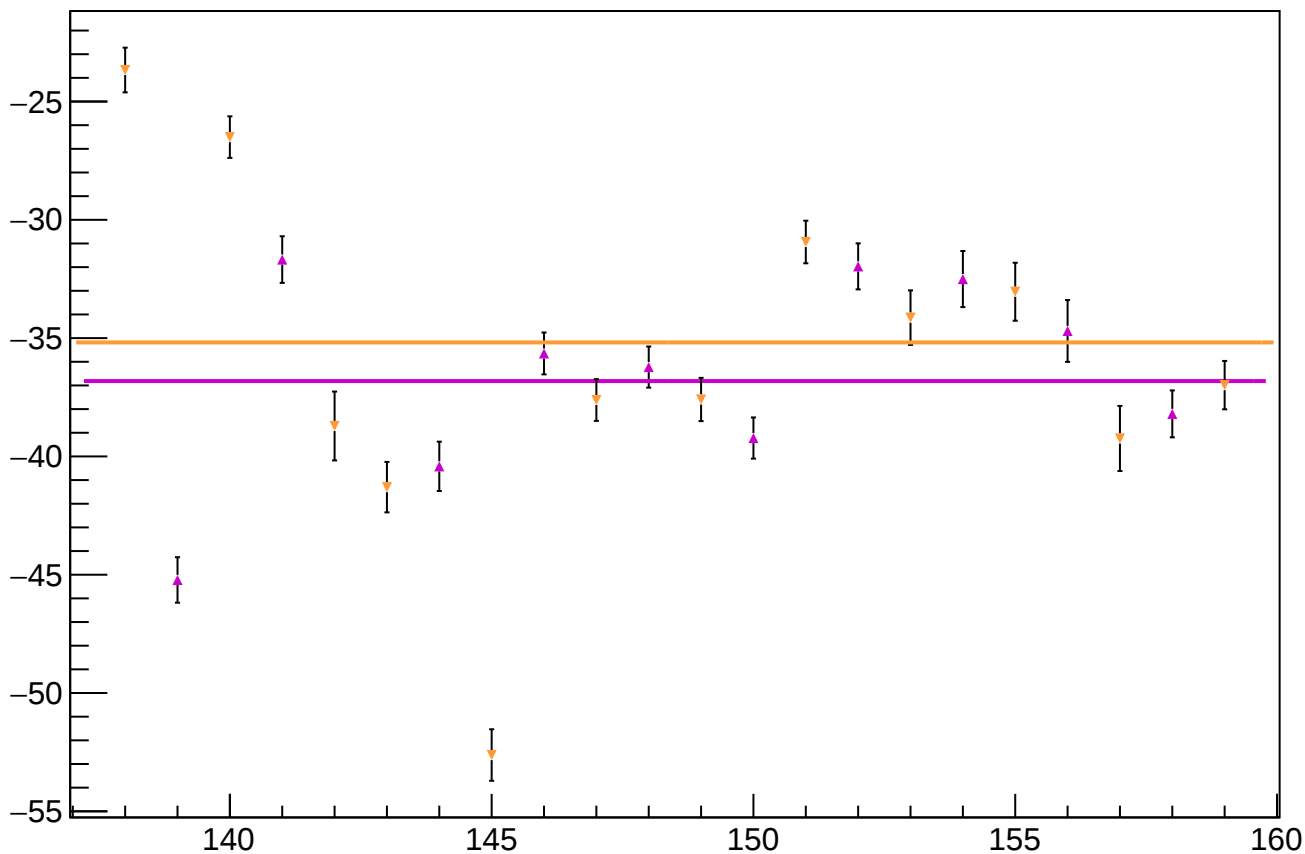
Left In: -21.740 ± 0.012 $\chi^2/\text{NDF}: 94478.5/9$

+ sign -21.289 ± 0.010 $\chi^2/\text{NDF}: 164057.5/27$

All: -20.825 ± 0.007 $\chi^2/\text{NDF}: 595143.5/55$

- sign -20.387 ± 0.009 $\chi^2/\text{NDF}: 426583.7/27$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.183+/-0.298 χ^2/NDF : 593.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

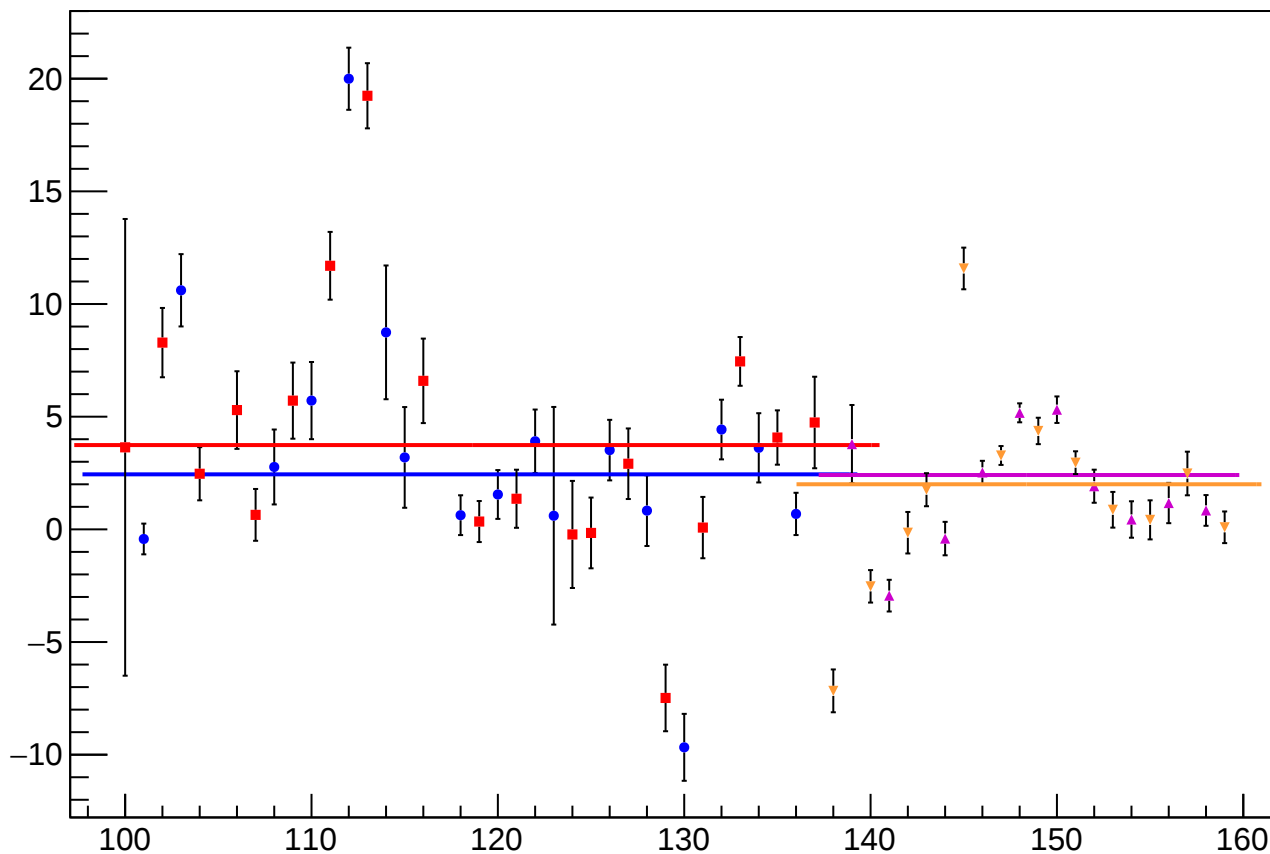
Left In: -36.815+/-0.311 χ^2/NDF : 168.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.965+/-0.215 χ^2/NDF : 776.2/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 2.001 ± 0.197 χ^2/NDF : 287.7/11

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

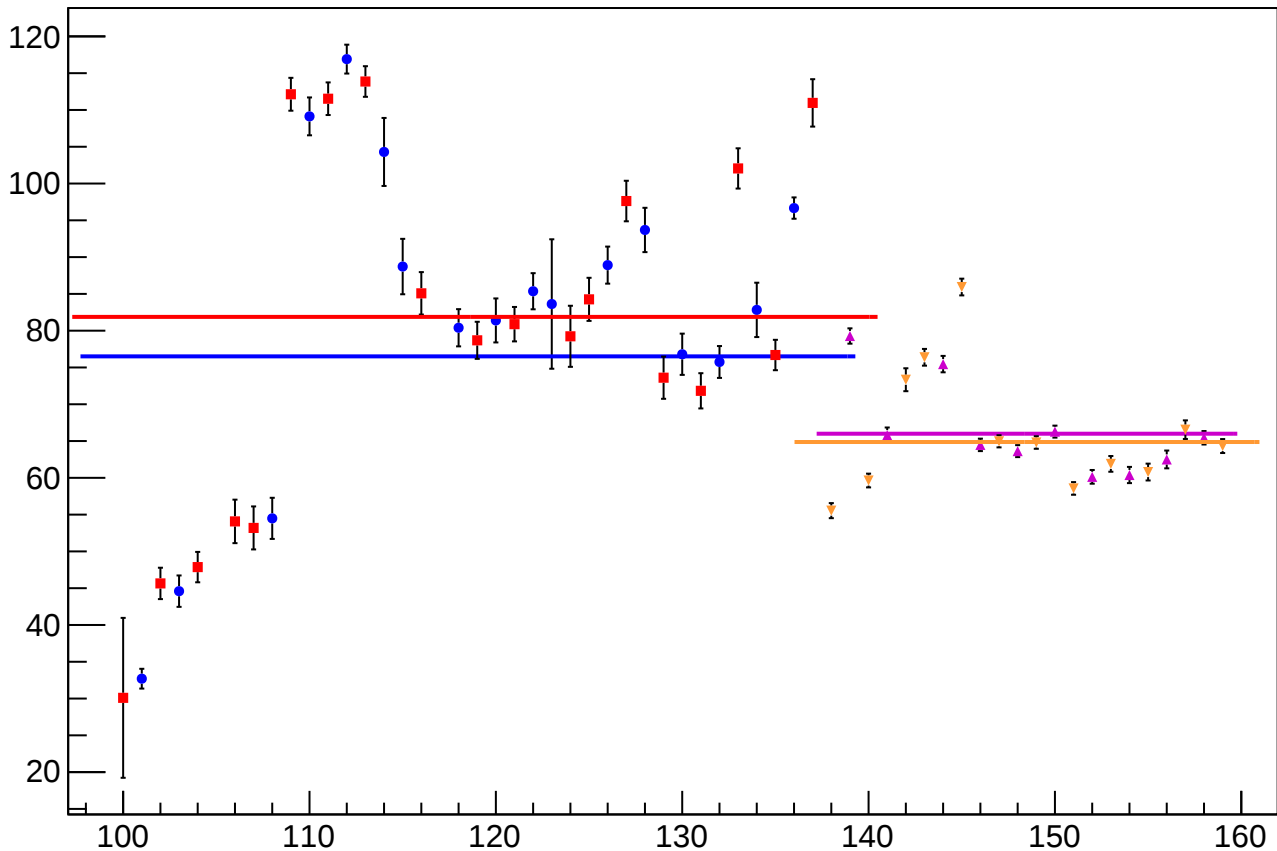
Left In: 2.412 ± 0.207 χ^2/NDF : 154.0/9

+ sign 2.127 ± 0.166 χ^2/NDF : 583.8/28

All: 2.444 ± 0.121 χ^2/NDF : 1025.3/57

- sign 2.794 ± 0.175 χ^2/NDF : 433.9/28

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.509 ± 0.574 $\chi^2/\text{NDF}: 2250.9/16$

Left Out: 64.870 ± 0.293 $\chi^2/\text{NDF}: 665.9/11$

Right Out: 81.875 ± 0.592 $\chi^2/\text{NDF}: 1570.7/18$

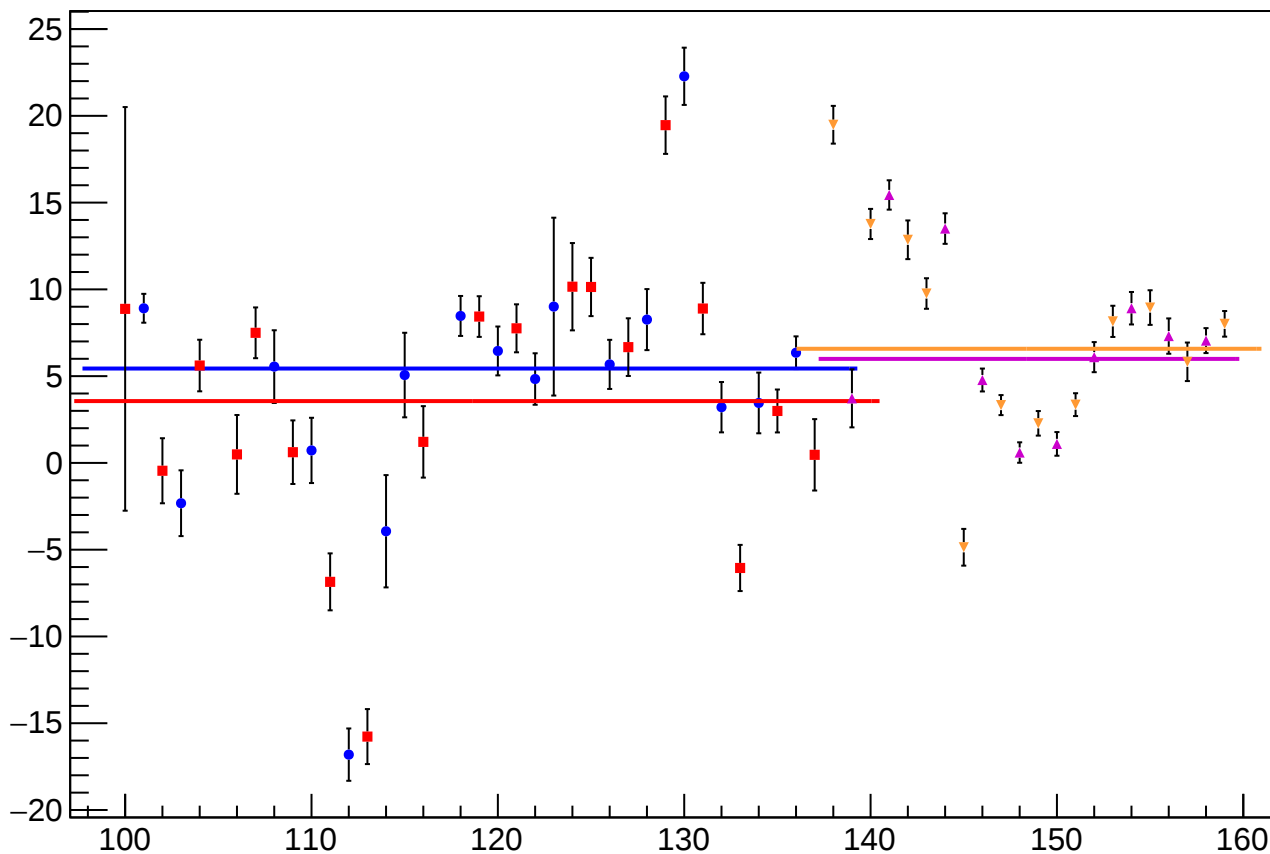
Left In: 65.996 ± 0.303 $\chi^2/\text{NDF}: 320.7/9$

+ sign 67.278 ± 0.261 $\chi^2/\text{NDF}: 3242.7/28$

All: 68.253 ± 0.188 $\chi^2/\text{NDF}: 5733.6/57$

- sign 69.292 ± 0.270 $\chi^2/\text{NDF}: 2462.1/28$

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 6.578 ± 0.240 χ^2/NDF : 476.2/11

Right Out: 3.563 ± 0.375 χ^2/NDF : 420.8/18

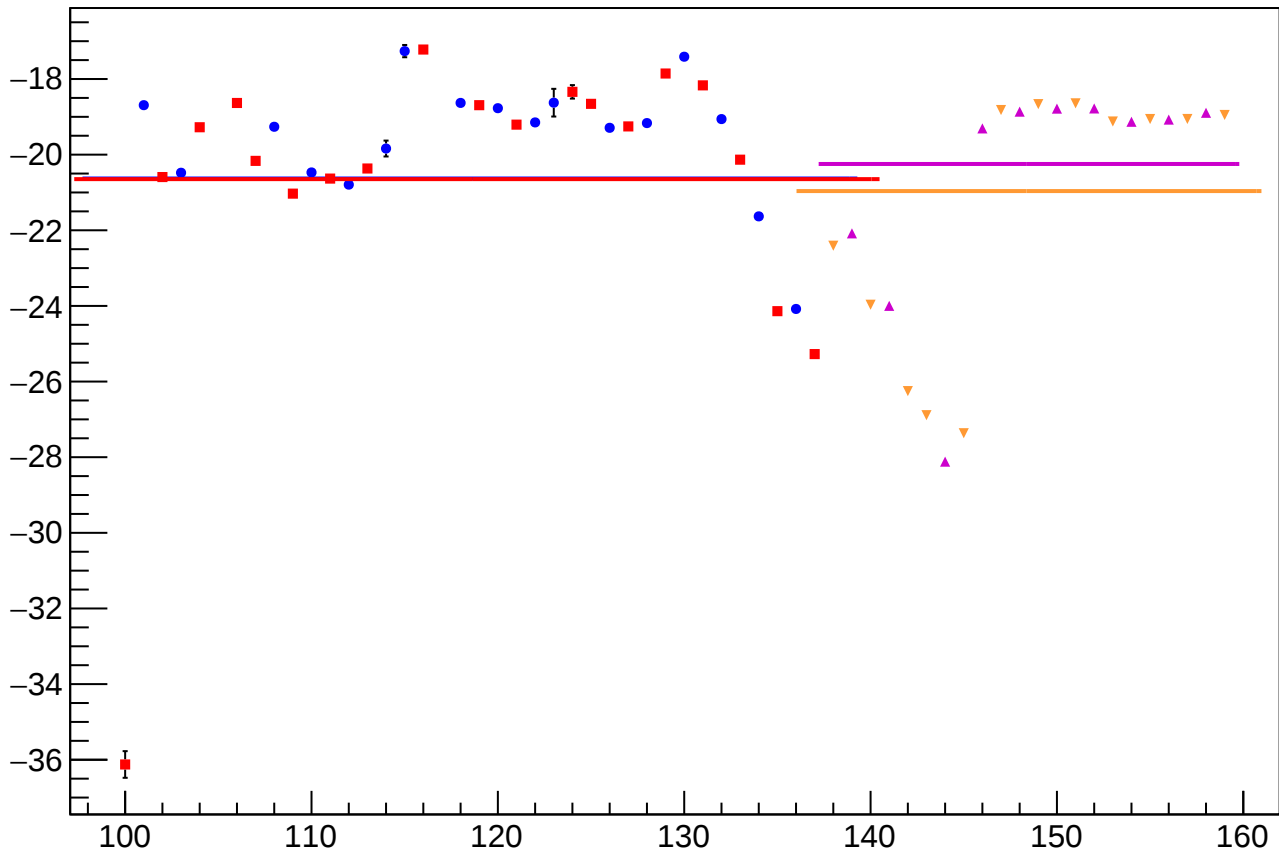
Left In: 5.994 ± 0.252 χ^2/NDF : 351.8/9

+ sign 6.224 ± 0.199 χ^2/NDF : 869.4/28

All: 5.754 ± 0.144 χ^2/NDF : 1682.6/57

- sign 5.238 ± 0.209 χ^2/NDF : 801.6/28

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -20.963 ± 0.012 $\chi^2/\text{NDF}: 71774.6/11$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

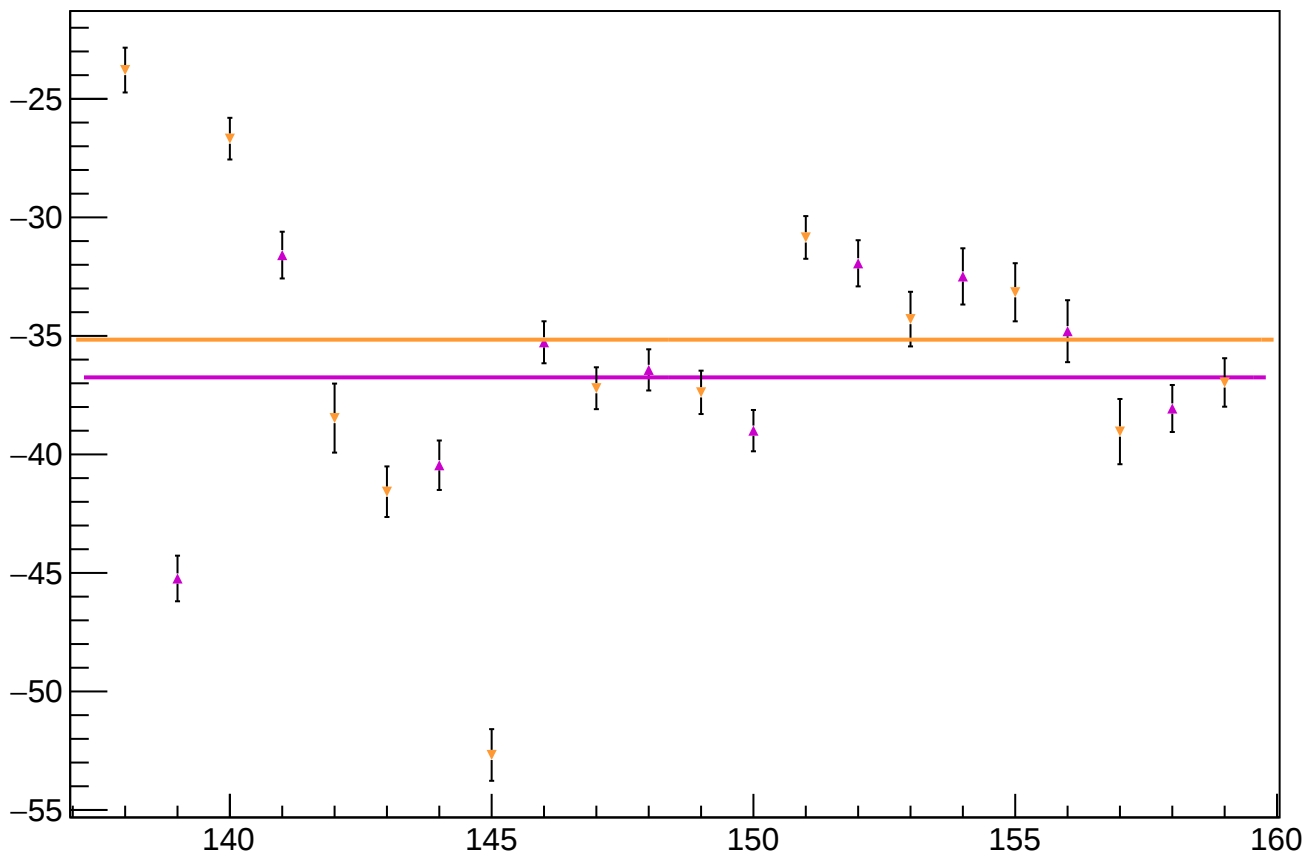
Left In: -20.247 ± 0.012 $\chi^2/\text{NDF}: 45250.5/9$

+ sign -20.874 ± 0.010 $\chi^2/\text{NDF}: 84492.2/28$

All: -20.620 ± 0.007 $\chi^2/\text{NDF}: 145266.9/57$

- sign -20.357 ± 0.010 $\chi^2/\text{NDF}: 59467.5/28$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.158+/-0.299 χ^2/NDF : 586.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

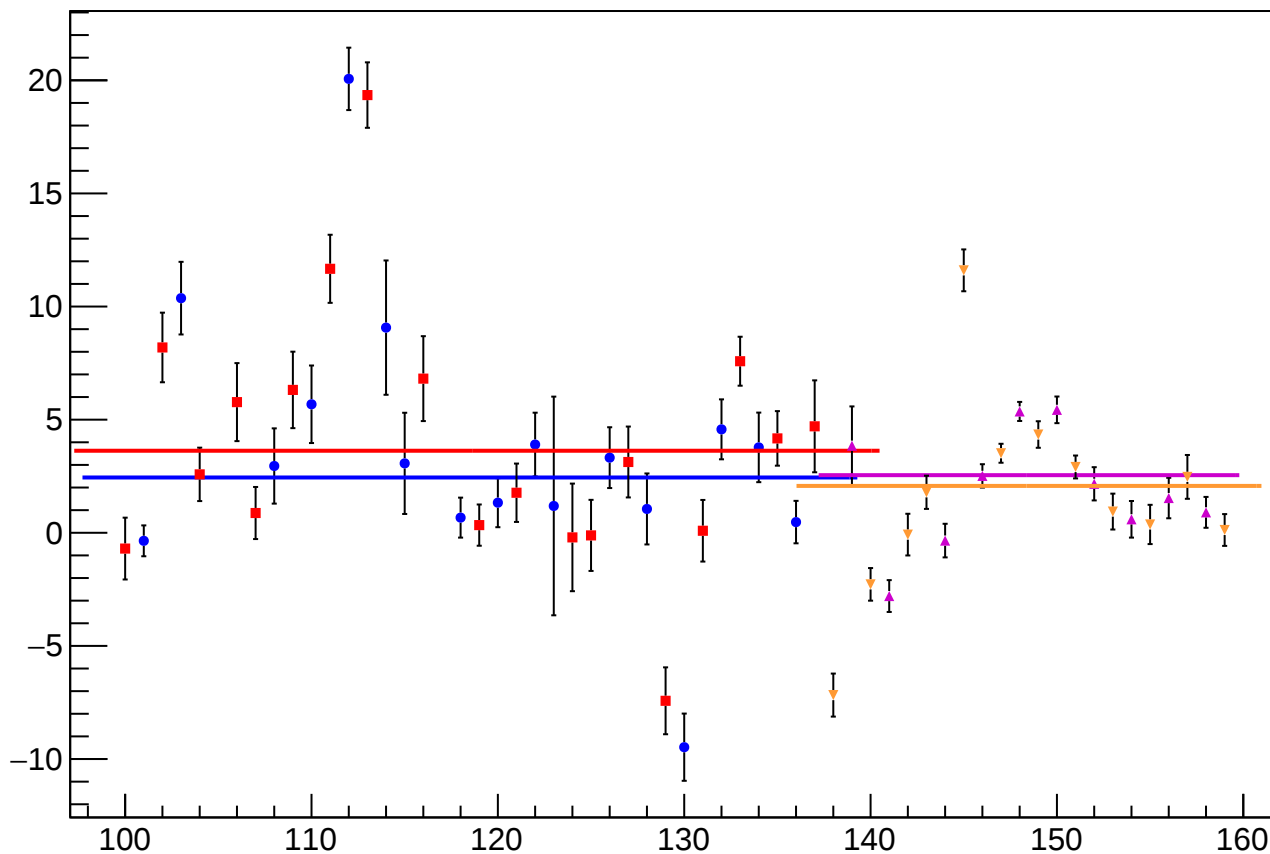
Left In: -36.750+/-0.311 χ^2/NDF : 168.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.921+/-0.216 χ^2/NDF : 768.4/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 2.072 ± 0.197 χ^2/NDF : 286.1/11

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

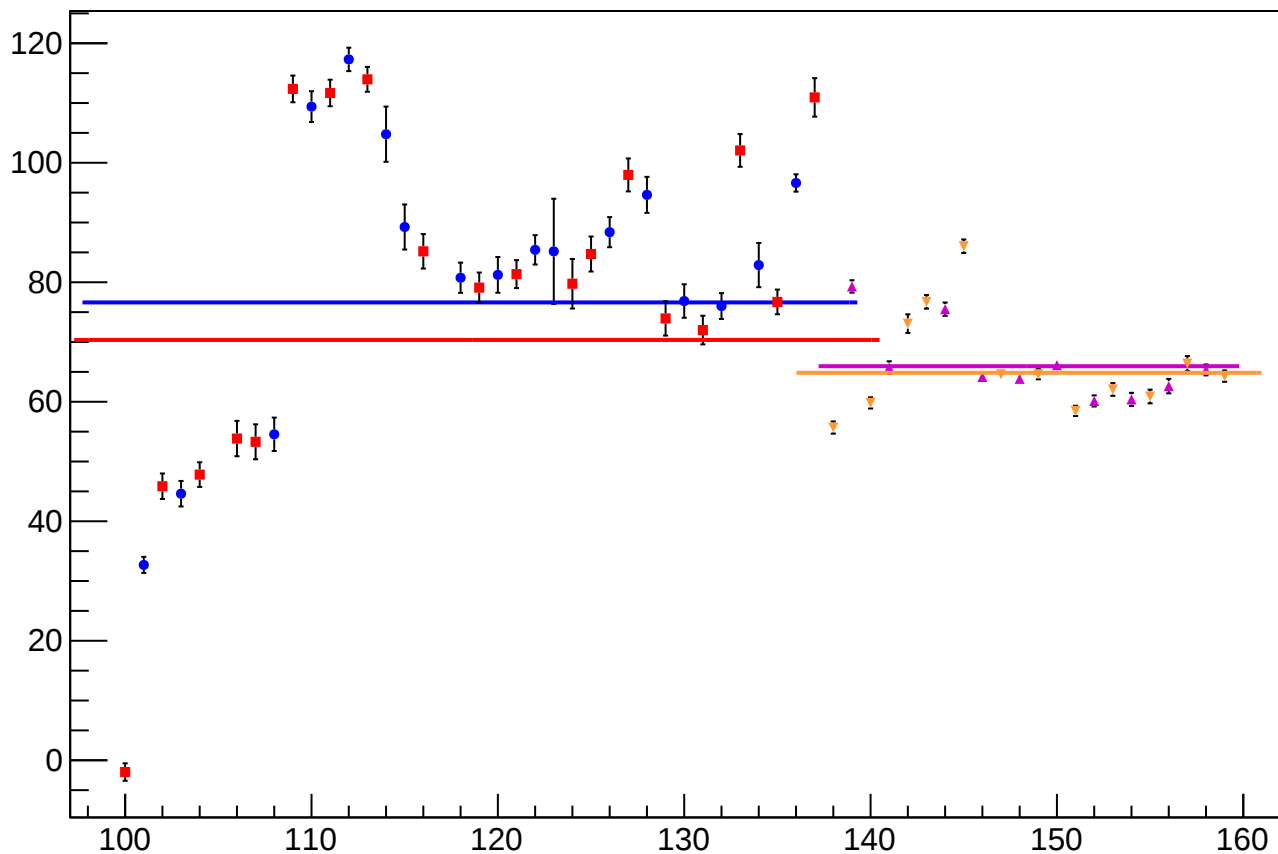
Left In: 2.547 ± 0.208 χ^2/NDF : 155.3/9

+ sign 2.178 ± 0.167 χ^2/NDF : 579.8/28

All: 2.509 ± 0.120 χ^2/NDF : 1030.3/57

- sign 2.869 ± 0.174 χ^2/NDF : 442.2/28

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.626 $\pm$ 0.574 χ^2/NDF : 2262.8/16

Left Out: 64.849 $\pm$ 0.293 χ^2/NDF : 667.7/11

Right Out: 70.347 $\pm$ 0.550 χ^2/NDF : 4388.1/18

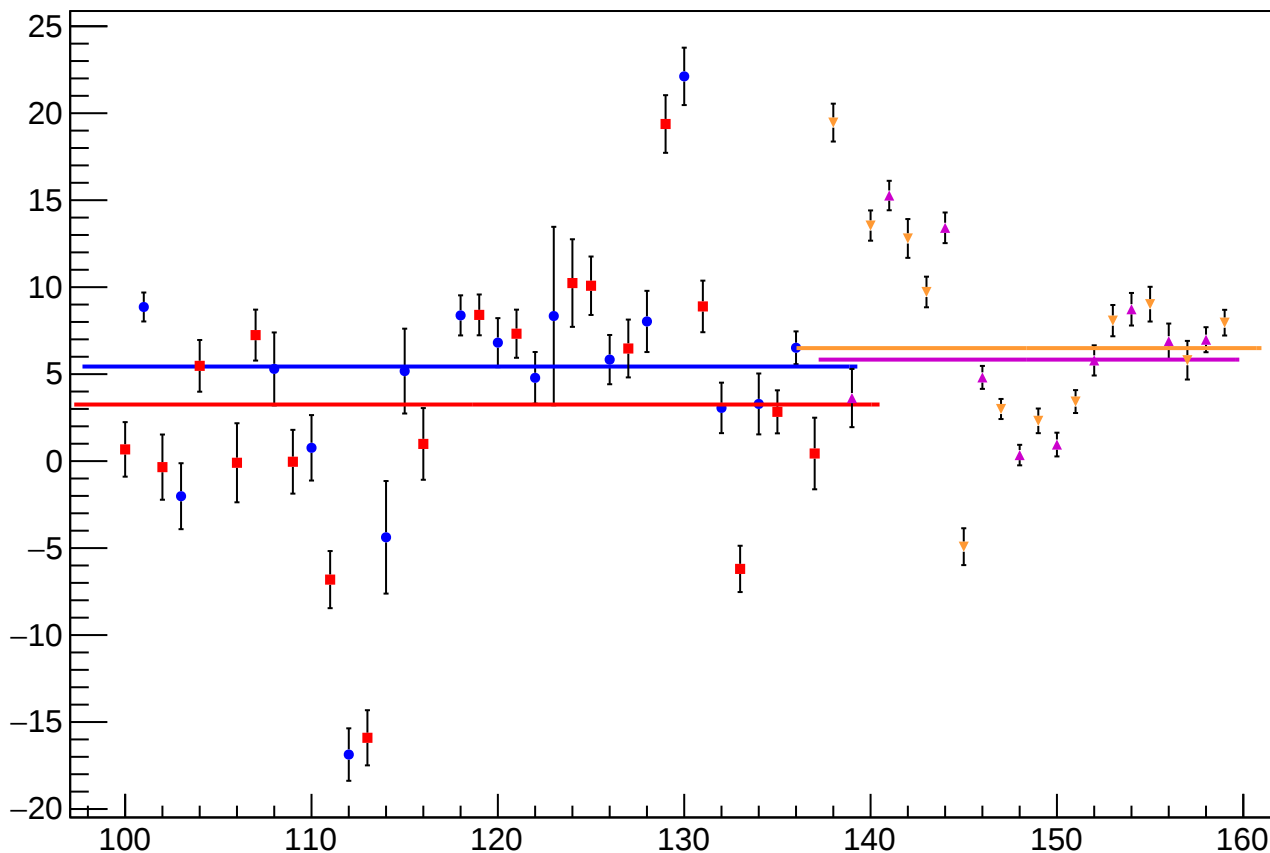
Left In: 65.955 $\pm$ 0.303 χ^2/NDF : 321.0/9

+ sign 67.286 $\pm$ 0.261 χ^2/NDF : 3263.8/28

All: 67.135 $\pm$ 0.186 χ^2/NDF : 8022.6/57

- sign 66.979 $\pm$ 0.265 χ^2/NDF : 4758.1/28

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 6.496 ± 0.240 $\chi^2/\text{NDF}: 476.2/11$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

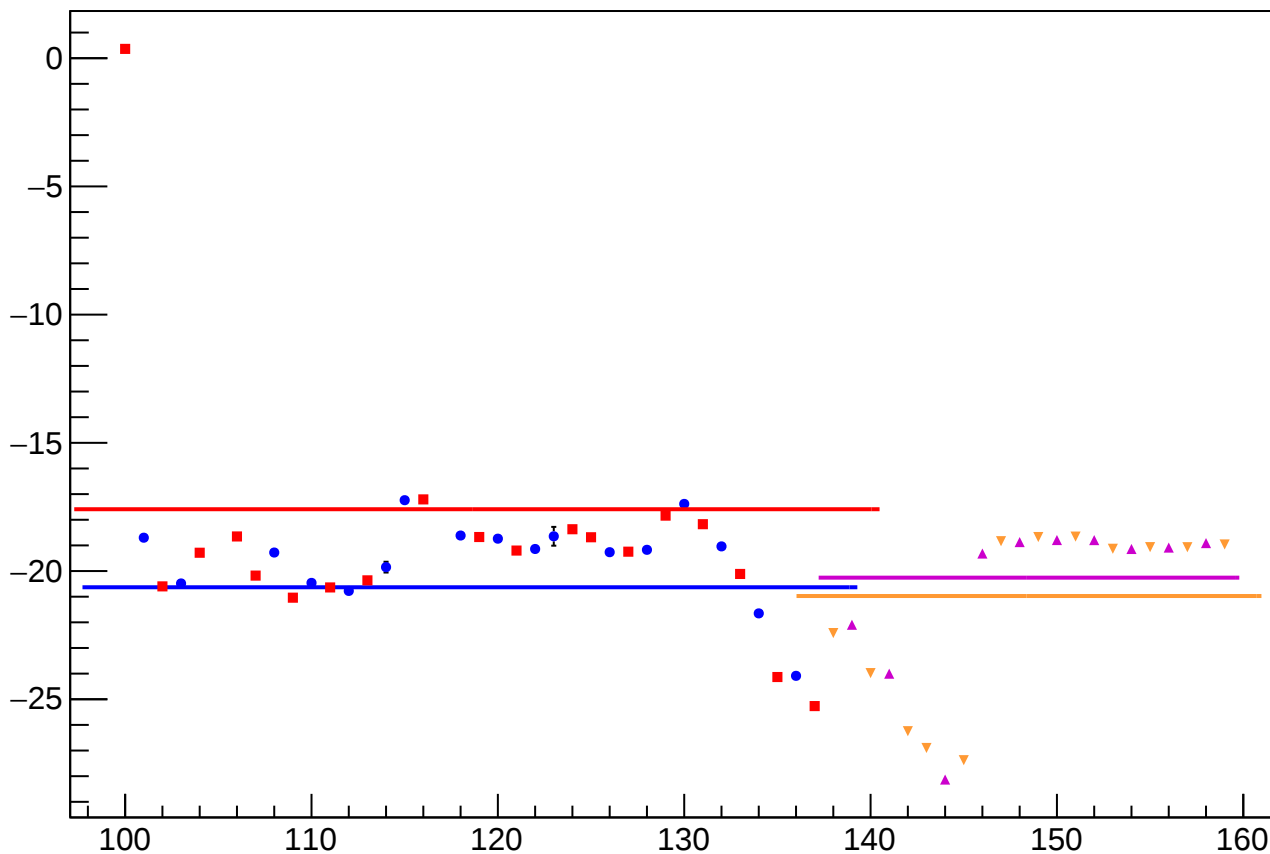
Left In: 5.835 ± 0.252 $\chi^2/\text{NDF}: 353.4/9$

+ sign 6.167 ± 0.199 $\chi^2/\text{NDF}: 866.7/28$

All: 5.607 ± 0.144 $\chi^2/\text{NDF}: 1694.1/57$

- sign 5.001 ± 0.207 $\chi^2/\text{NDF}: 811.0/28$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -20.974 ± 0.012 $\chi^2/\text{NDF}: 71618.0/11$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

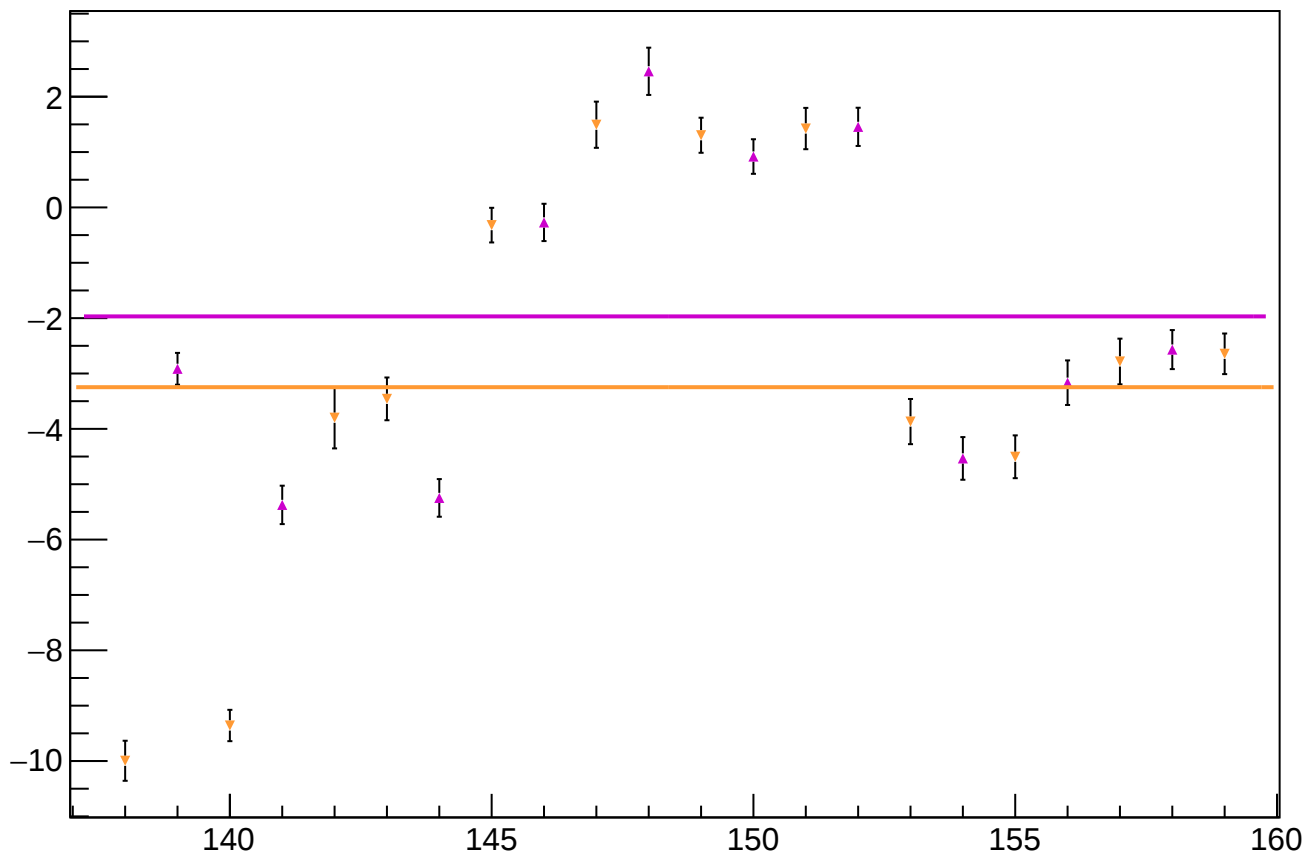
Left In: -20.258 ± 0.012 $\chi^2/\text{NDF}: 45181.2/9$

+ sign -20.882 ± 0.010 $\chi^2/\text{NDF}: 84390.0/28$

All: -20.157 ± 0.007 $\chi^2/\text{NDF}: 333869.4/57$

- sign -19.438 ± 0.010 $\chi^2/\text{NDF}: 239064.1/28$

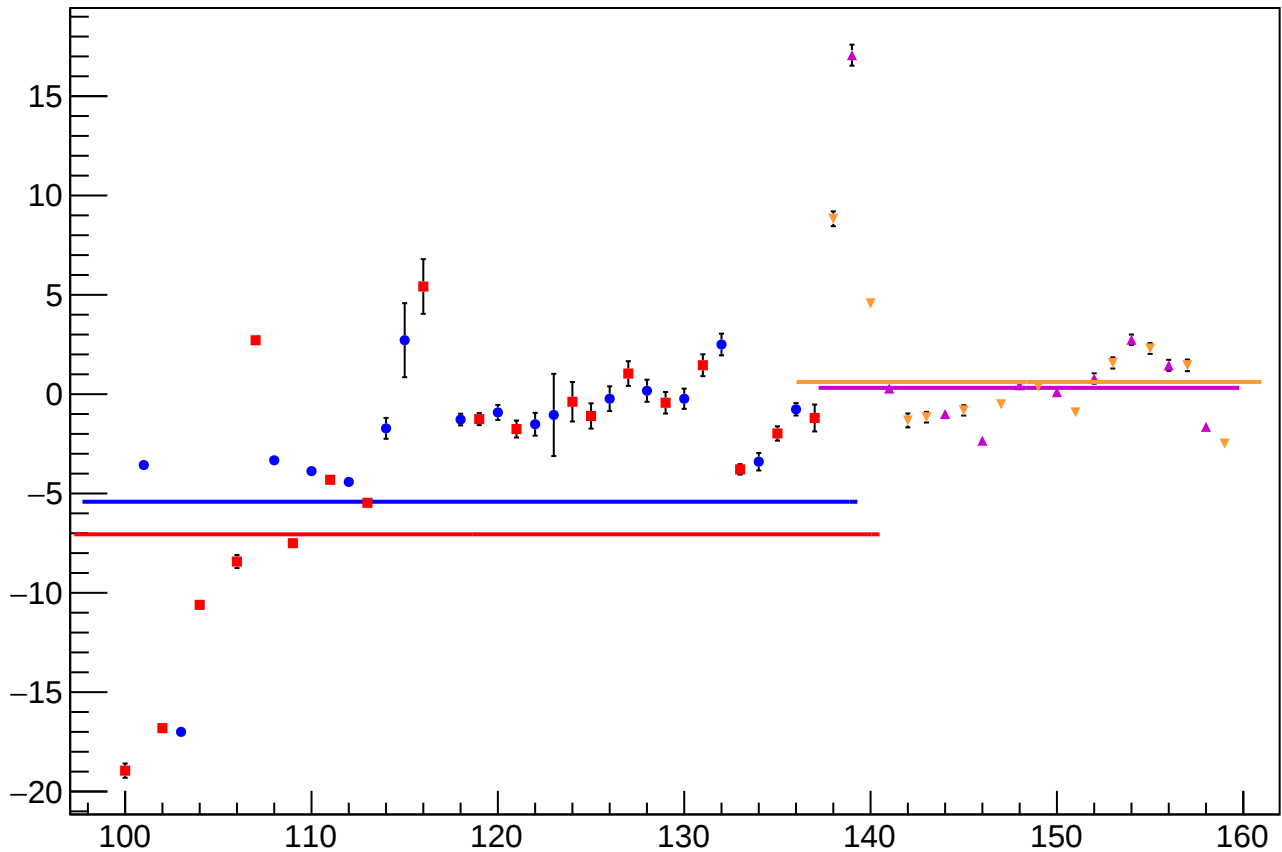
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.247+/-0.106 χ^2/NDF : 1412.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.968+/-0.110 χ^2/NDF : 572.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.631+/-0.076 χ^2/NDF : 2055.6/21
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.415 ± 0.055 $\chi^2/\text{NDF}: 9255.1/16$

Left Out: 0.611 ± 0.074 $\chi^2/\text{NDF}: 1158.5/11$

Right Out: -7.056 ± 0.059 $\chi^2/\text{NDF}: 12334.0/18$

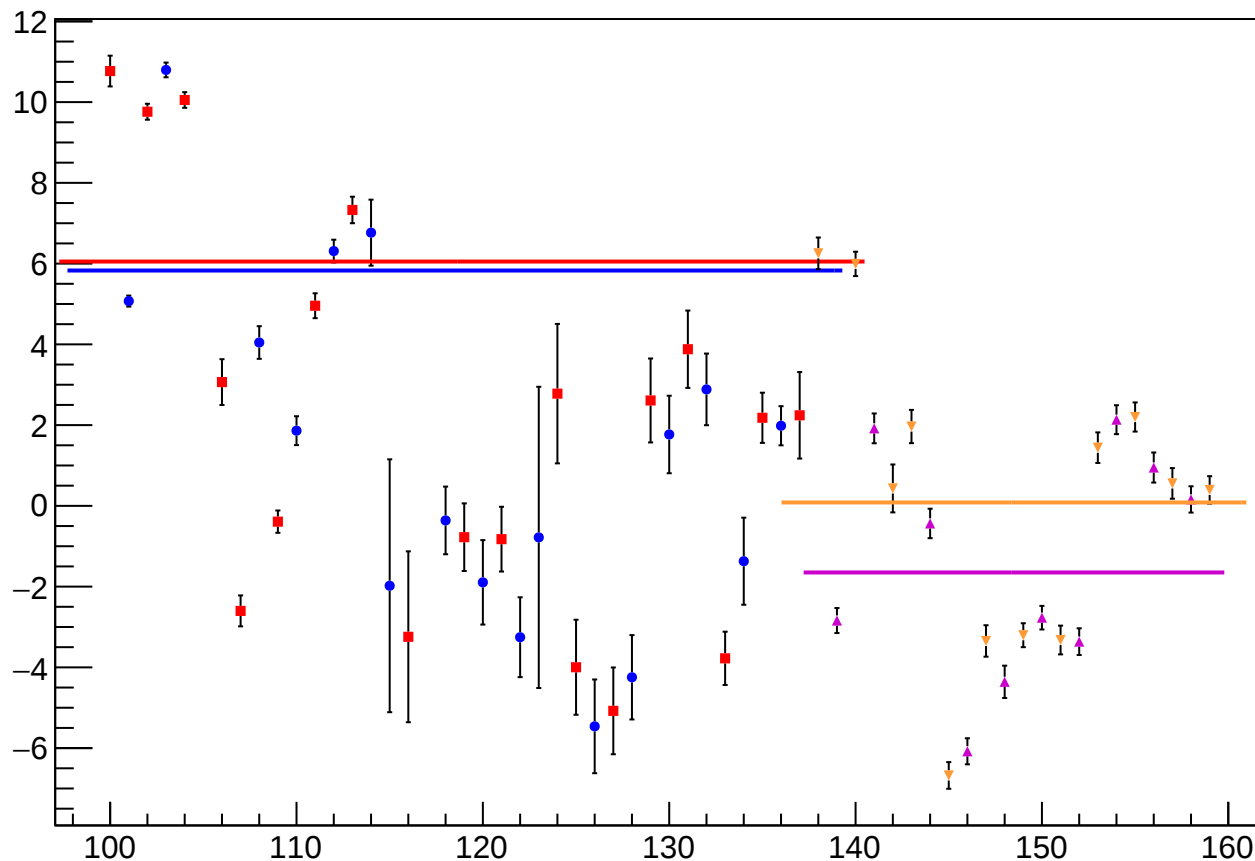
Left In: 0.318 ± 0.079 $\chi^2/\text{NDF}: 1357.1/9$

+ sign -3.269 ± 0.044 $\chi^2/\text{NDF}: 14726.6/28$

All: -3.792 ± 0.032 $\chi^2/\text{NDF}: 34357.6/57$

- sign -4.394 ± 0.047 $\chi^2/\text{NDF}: 19326.6/28$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.084 ± 0.105 $\chi^2/\text{NDF}: 1412.8/11$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

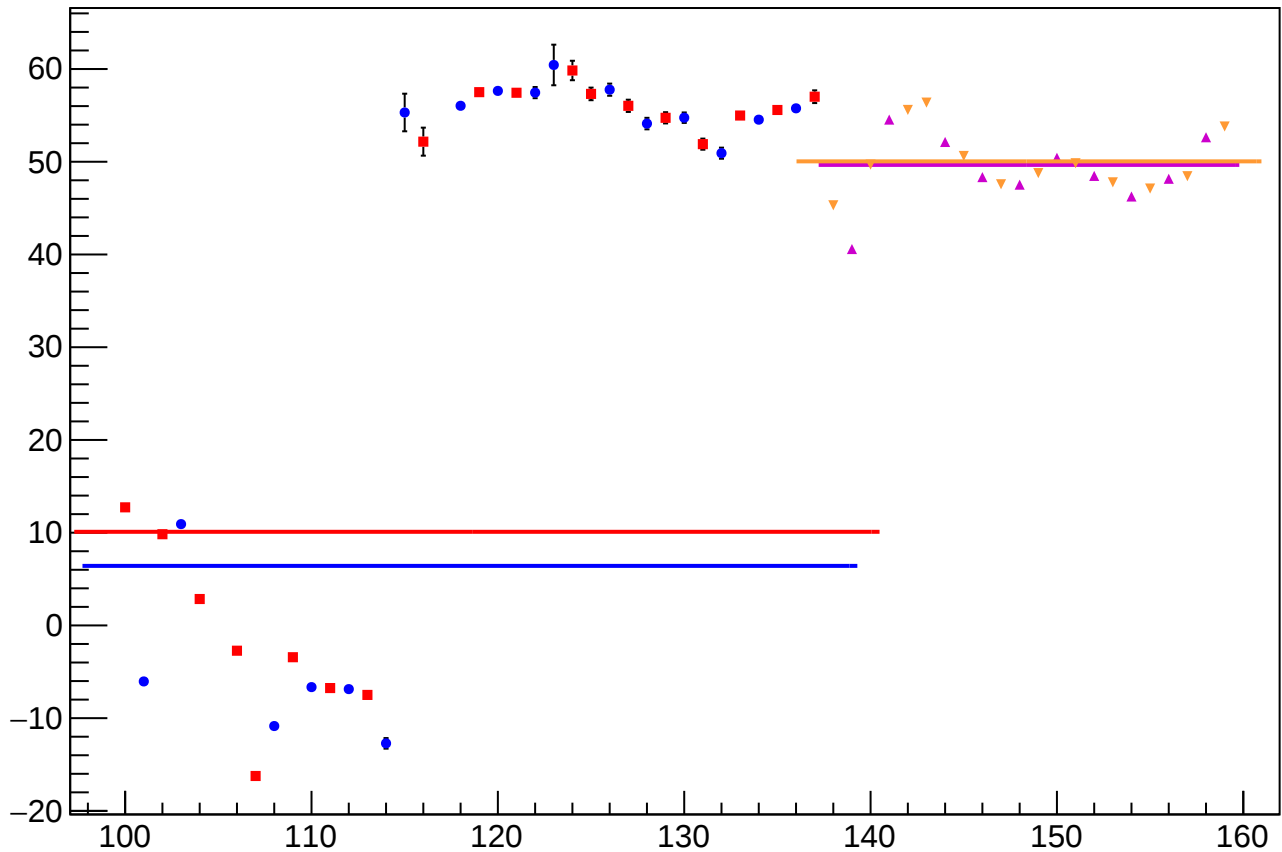
Left In: -1.650 ± 0.108 $\chi^2/\text{NDF}: 586.0/9$

+ sign 3.396 ± 0.068 $\chi^2/\text{NDF}: 4601.3/28$

All: 3.082 ± 0.049 $\chi^2/\text{NDF}: 10830.5/57$

- sign 2.745 ± 0.070 $\chi^2/\text{NDF}: 6185.0/28$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 50.042 ± 0.088 χ^2/NDF : 1161.7/11

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

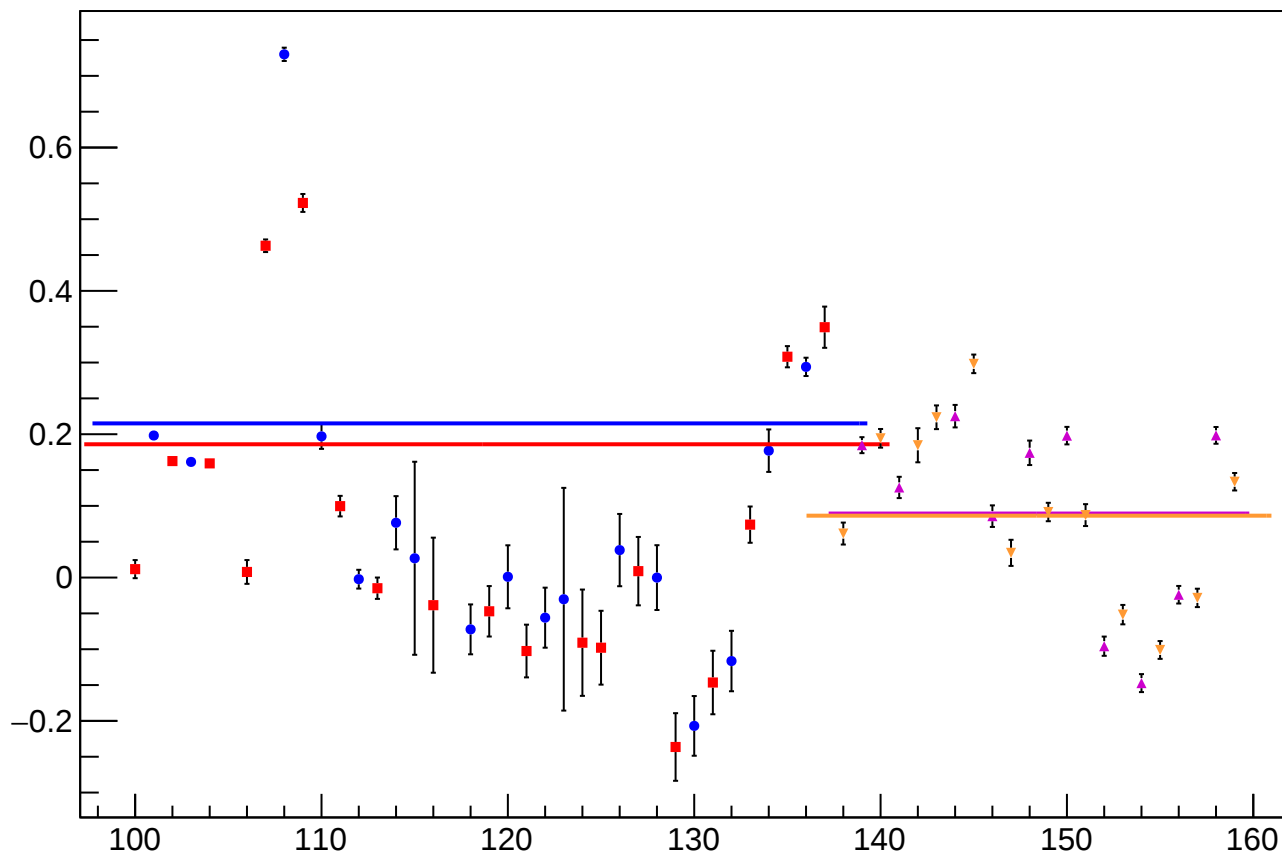
Left In: 49.660 ± 0.093 χ^2/NDF : 1043.3/9

+ sign 21.789 ± 0.052 χ^2/NDF : 284257.7/28

All: 23.001 ± 0.038 χ^2/NDF : 524939.7/57

- sign 24.388 ± 0.056 χ^2/NDF : 239521.2/28

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.086 $\pm$ 0.004 χ^2 /NDF:859.3/11

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

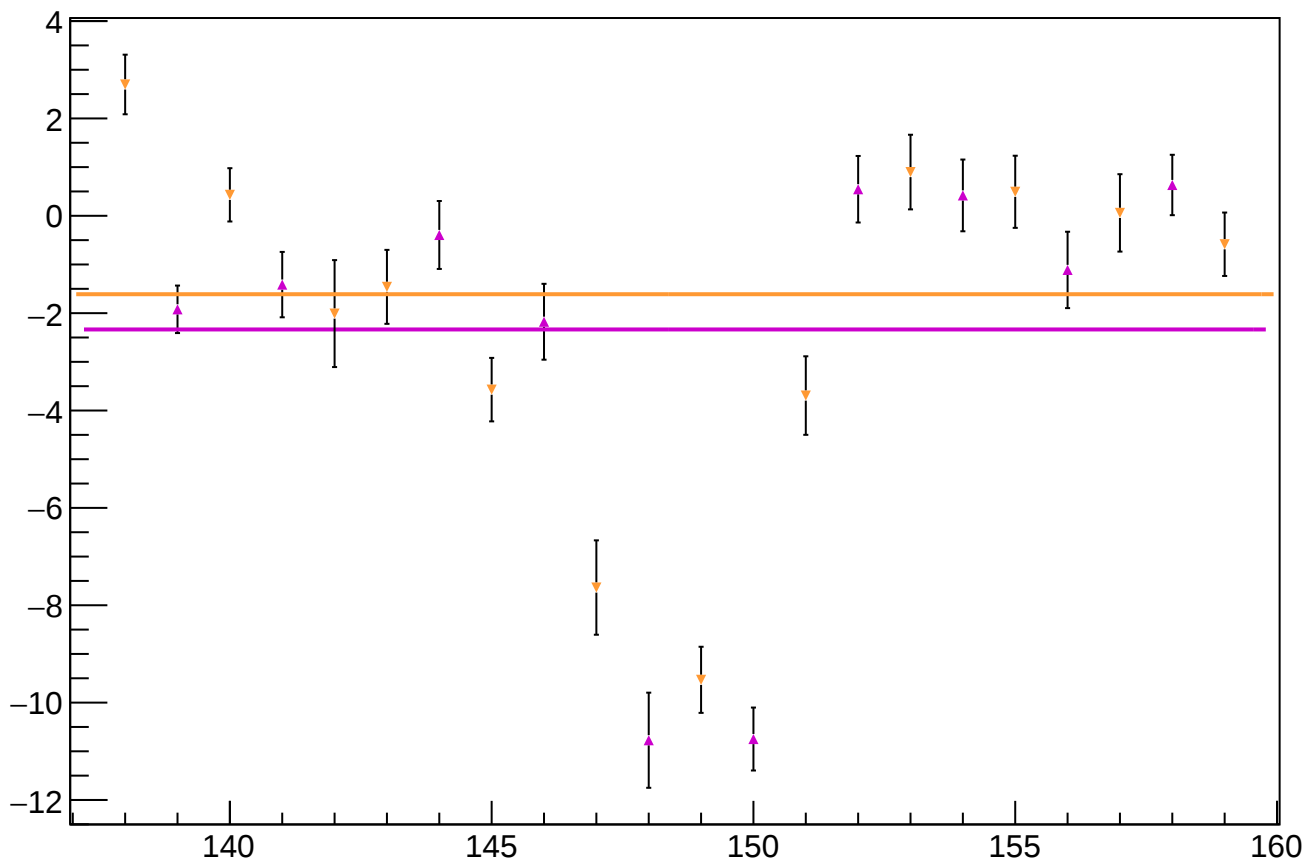
Left In: 0.089 $\pm$ 0.004 χ^2 /NDF:976.6/9

+ sign 0.175 $\pm$ 0.002 χ^2 /NDF: 5464.9/28

All: 0.166 $\pm$ 0.002 χ^2 /NDF: 9566.1/57

- sign 0.158 $\pm$ 0.002 χ^2 /NDF: 4073.6/28

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.611+/-0.208 χ^2/NDF : 279.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

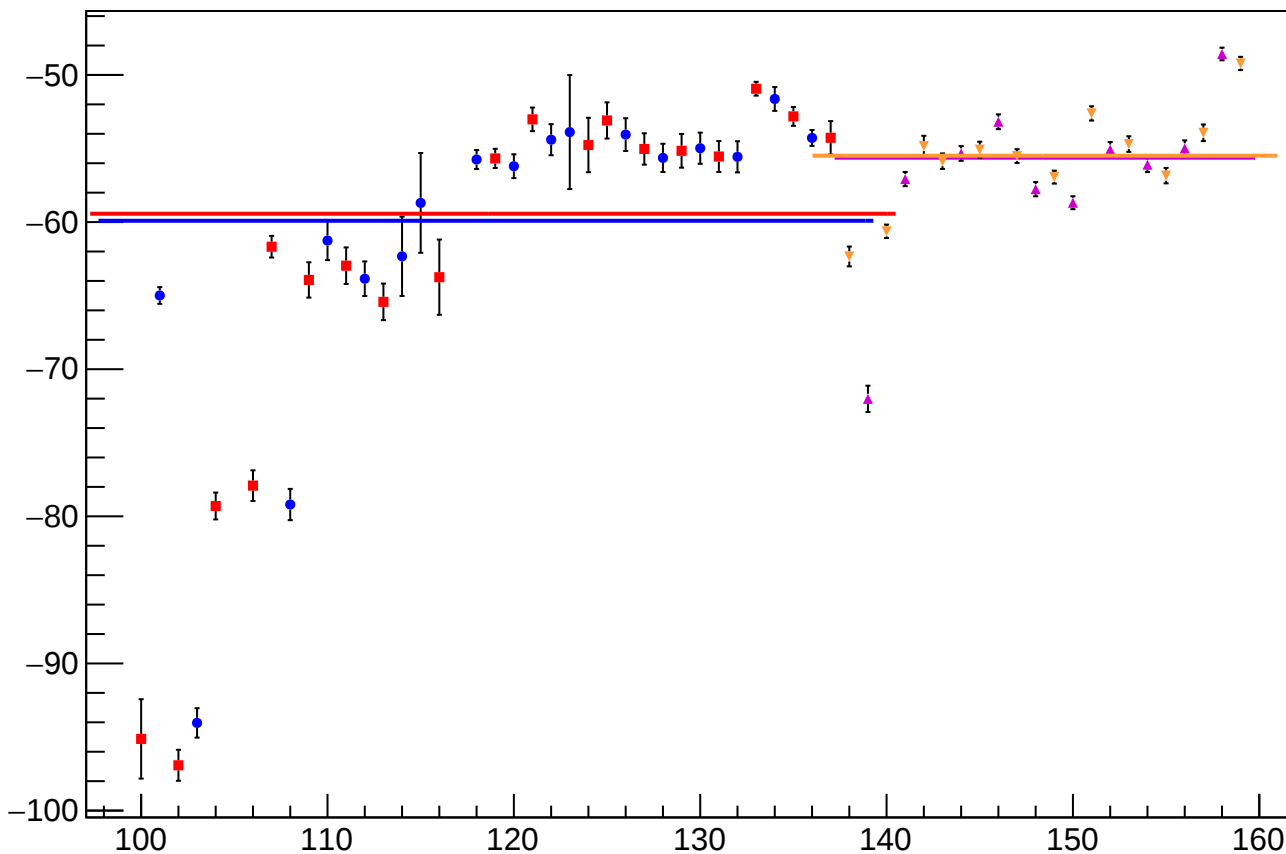
Left In: -2.335+/-0.214 χ^2/NDF : 311.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.962+/-0.149 χ^2/NDF : 596.9/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -55.487 ± 0.149 χ^2/NDF : 488.3/11

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

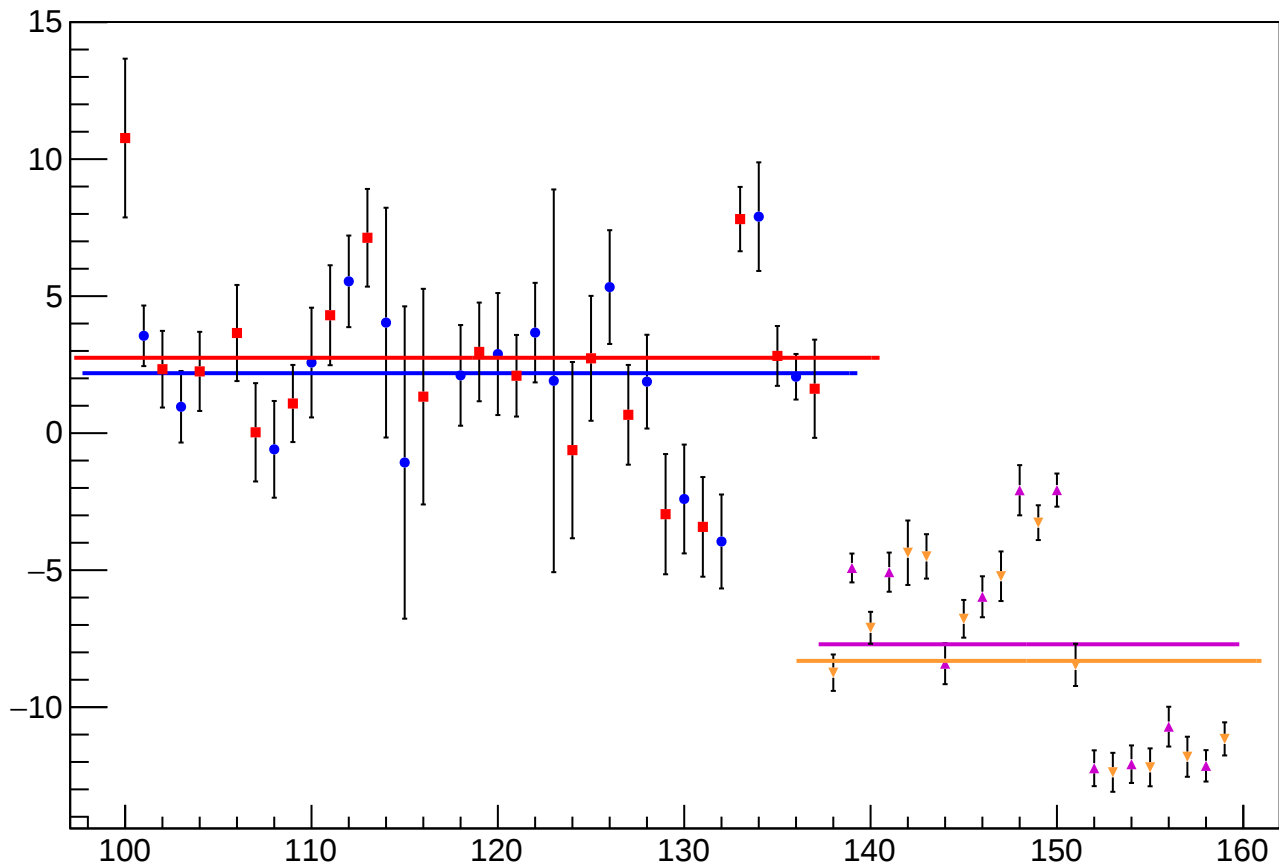
Left In: -55.625 ± 0.159 χ^2/NDF : 709.7/9

+ sign -56.846 ± 0.124 χ^2/NDF : 2741.3/28

All: -56.922 ± 0.089 χ^2/NDF : 6577.1/57

- sign -57.002 ± 0.127 χ^2/NDF : 3835.1/28

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.189 ± 0.405 χ^2/NDF : 39.1/16

Left Out: -8.311 ± 0.206 χ^2/NDF : 227.2/11

Right Out: 2.751 ± 0.387 χ^2/NDF : 58.6/18

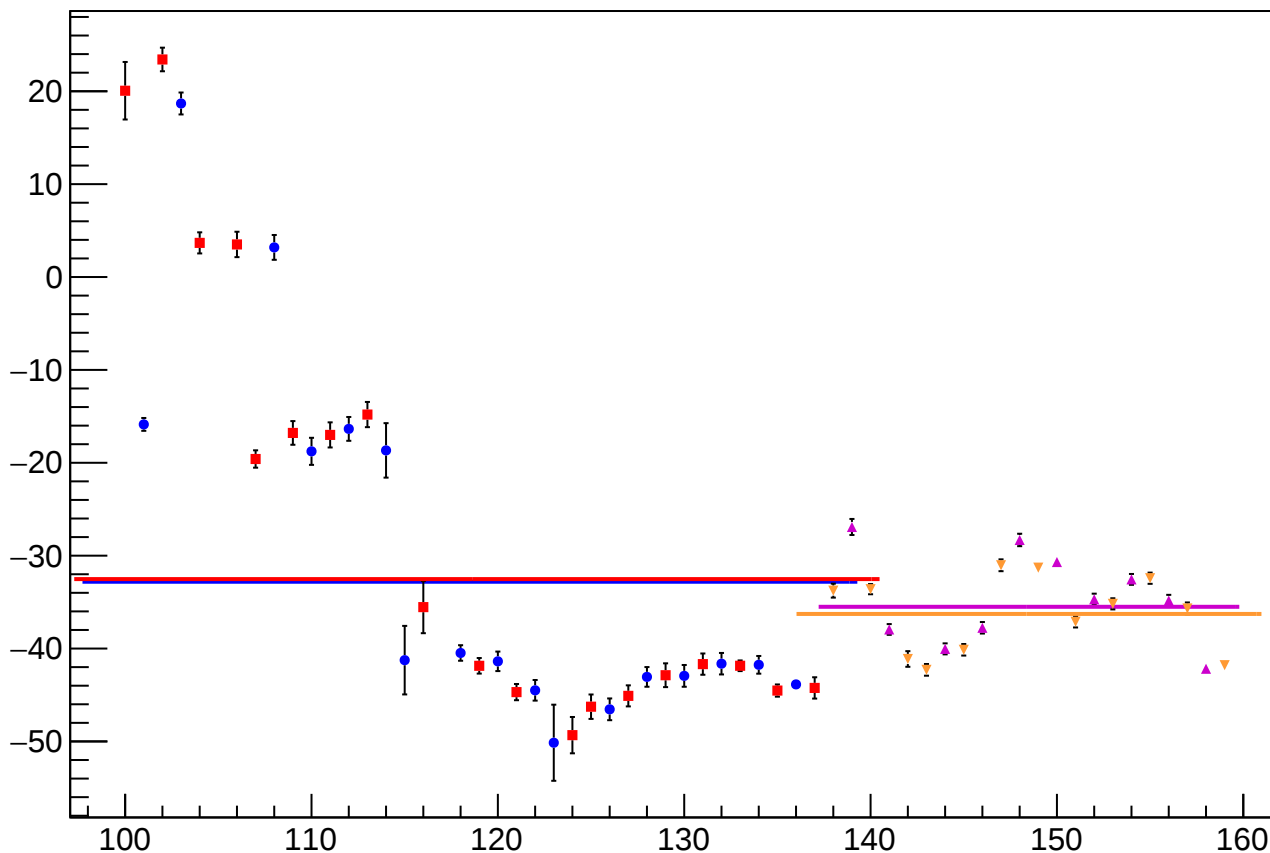
Left In: -7.705 ± 0.211 χ^2/NDF : 337.9/9

+ sign -6.153 ± 0.183 χ^2/NDF : 801.5/28

All: -5.738 ± 0.130 χ^2/NDF : 1770.3/57

- sign -5.314 ± 0.185 χ^2/NDF : 958.5/28

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -36.274 ± 0.175 χ^2/NDF : 536.7/11

Right Out: -32.522 ± 0.244 χ^2/NDF : 6040.2/18

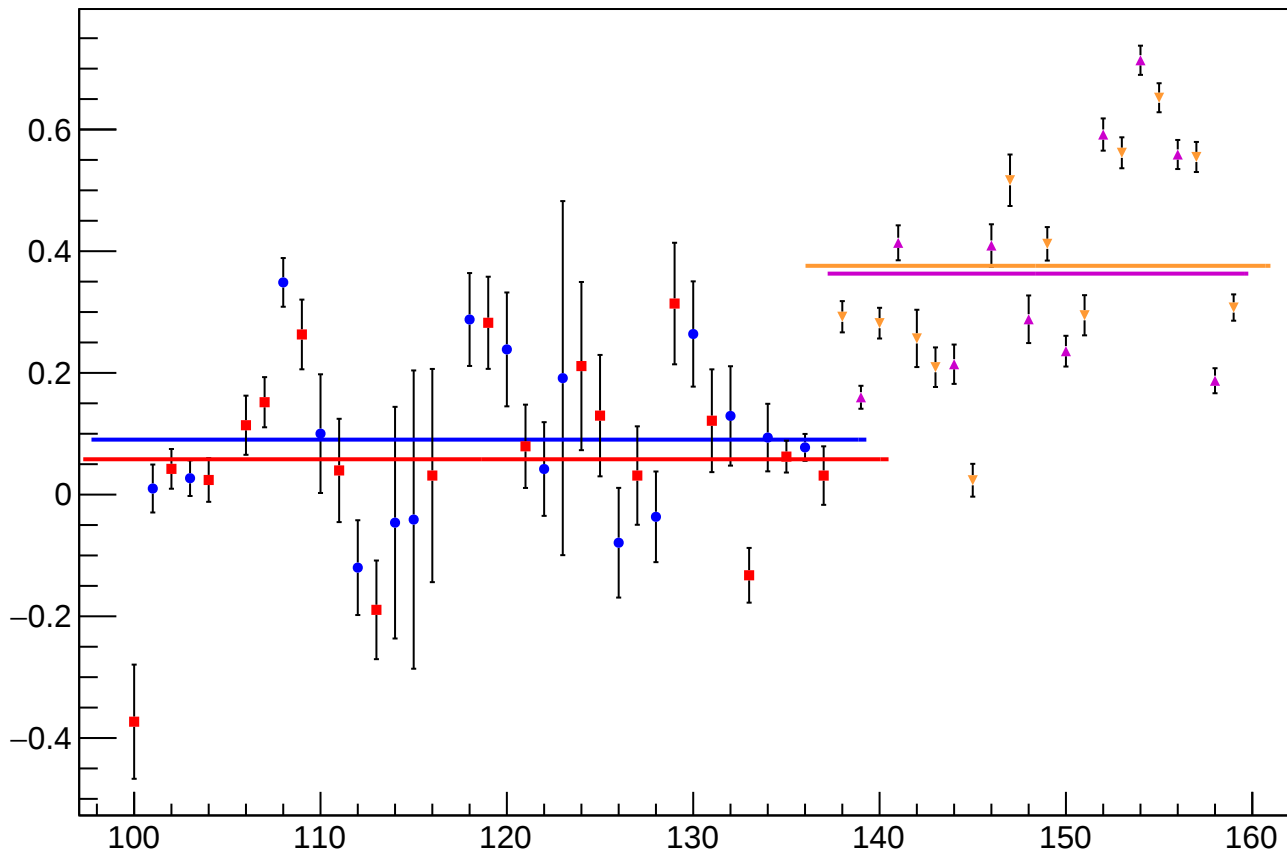
Left In: -35.505 ± 0.185 χ^2/NDF : 640.4/9

+ sign -35.159 ± 0.144 χ^2/NDF : 5325.7/28

All: -34.794 ± 0.103 χ^2/NDF : 12114.4/57

- sign -34.410 ± 0.148 χ^2/NDF : 6775.5/28

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.376 $\pm$ 0.008 χ^2 /NDF: 496.8/11

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

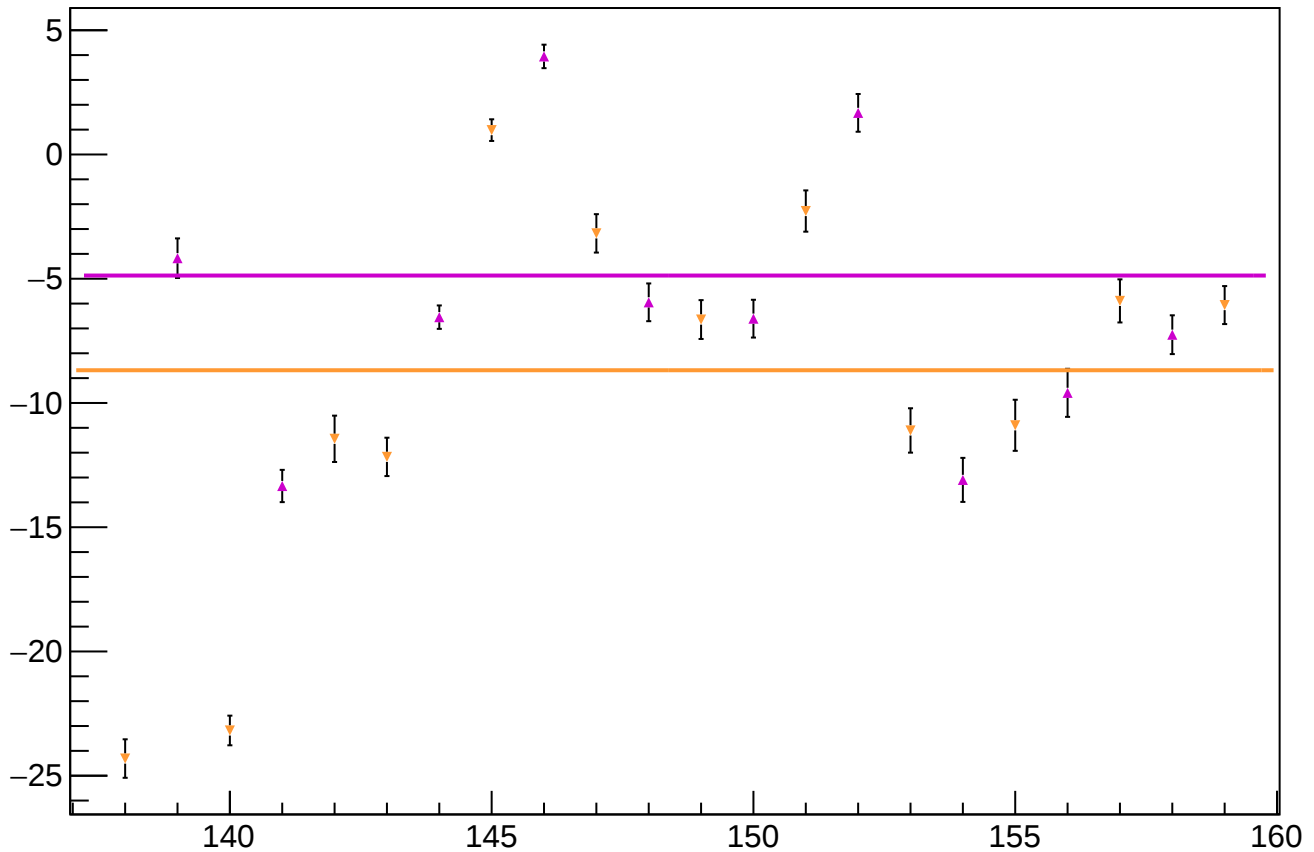
Left In: 0.363 $\pm$ 0.008 χ^2 /NDF: 599.5/9

+ sign 0.295 $\pm$ 0.007 χ^2 /NDF: 938.0/28

All: 0.282 $\pm$ 0.005 χ^2 /NDF: 2069.5/57

- sign 0.269 $\pm$ 0.007 χ^2 /NDF: 1124.1/28

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -8.683 $\pm$ 0.211 χ^2 /NDF:1668.7/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

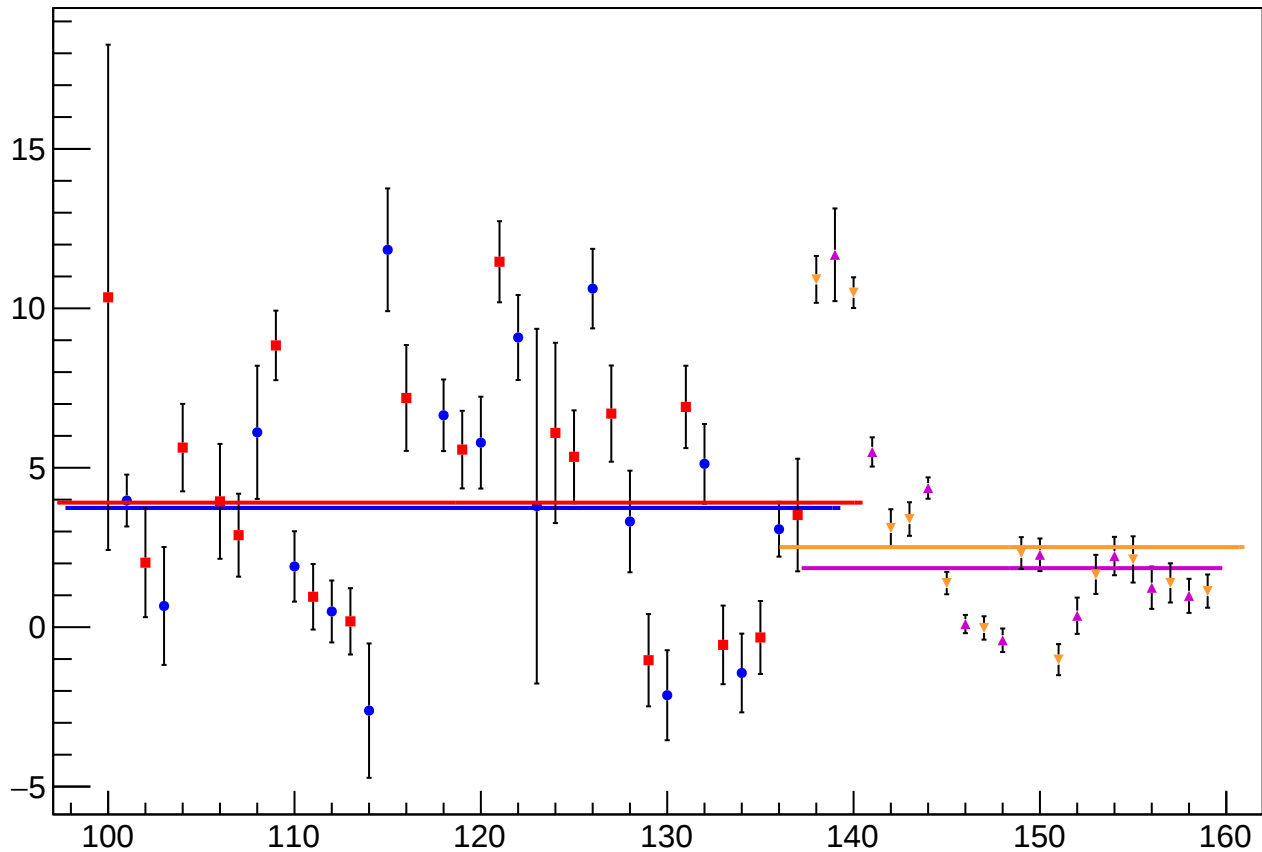
Left In: -4.872 $\pm$ 0.213 χ^2 /NDF:732.5/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.797 $\pm$ 0.150 χ^2 /NDF: 2563.4/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 2.511 ± 0.145 χ^2/NDF : 531.6/11

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

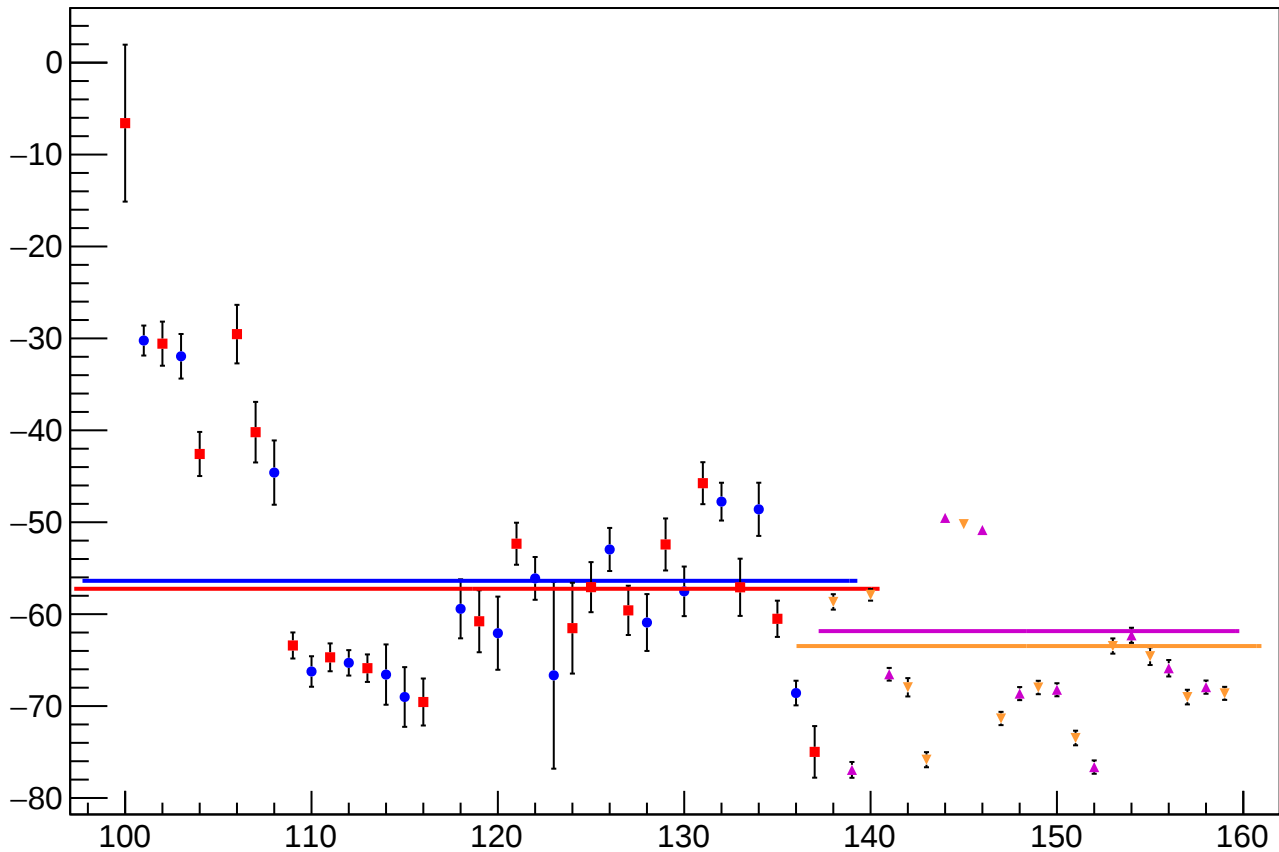
Left In: 1.852 ± 0.143 χ^2/NDF : 251.3/9

+ sign 2.734 ± 0.131 χ^2/NDF : 681.4/28

All: 2.464 ± 0.092 χ^2/NDF : 1111.6/57

- sign 2.200 ± 0.130 χ^2/NDF : 421.9/28

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -63.470 ± 0.211 χ^2/NDF : 1591.1/11

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

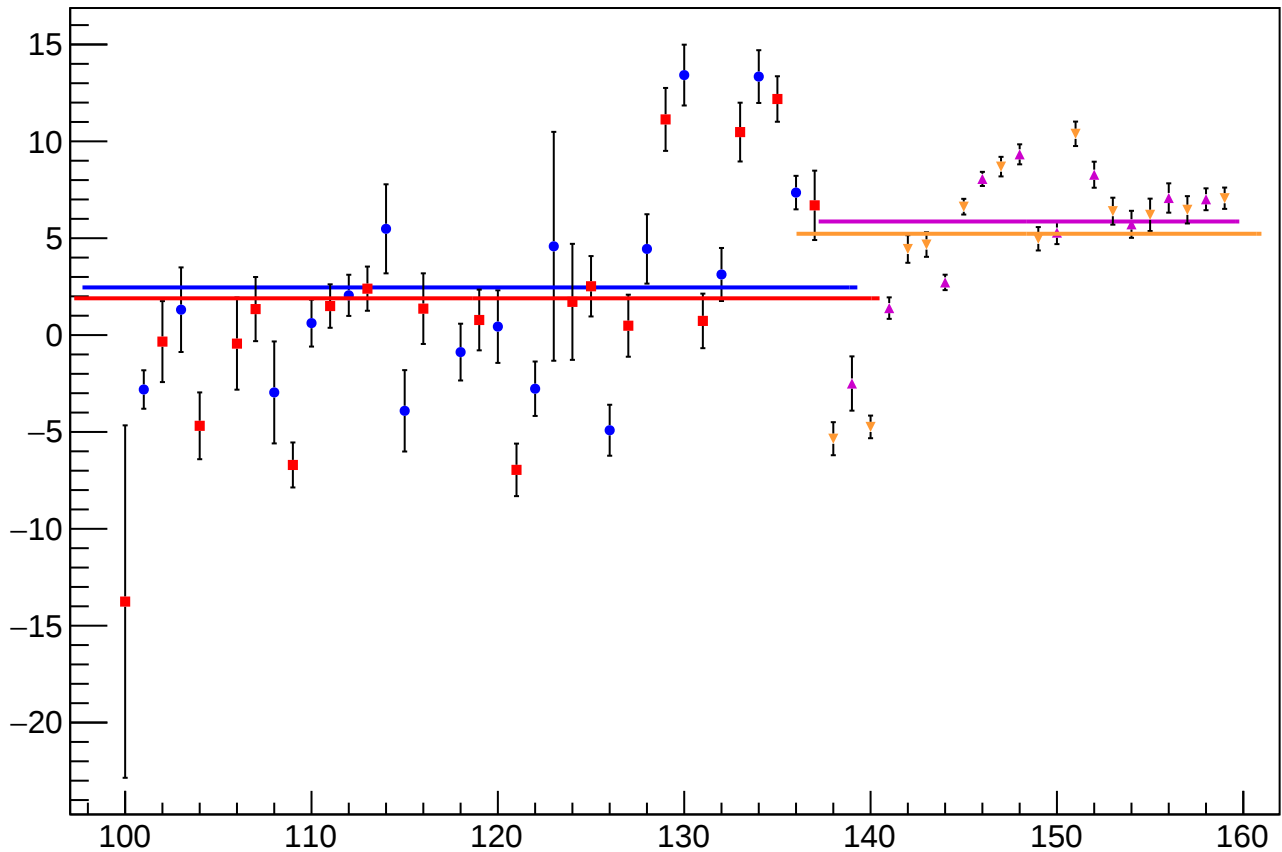
Left In: -61.844 ± 0.210 χ^2/NDF : 2214.4/9

+ sign -62.540 ± 0.197 χ^2/NDF : 2327.2/28

All: -61.883 ± 0.139 χ^2/NDF : 5104.2/57

- sign -61.232 ± 0.195 χ^2/NDF : 2754.7/28

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 5.230 ± 0.175 χ^2/NDF : 591.4/11

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

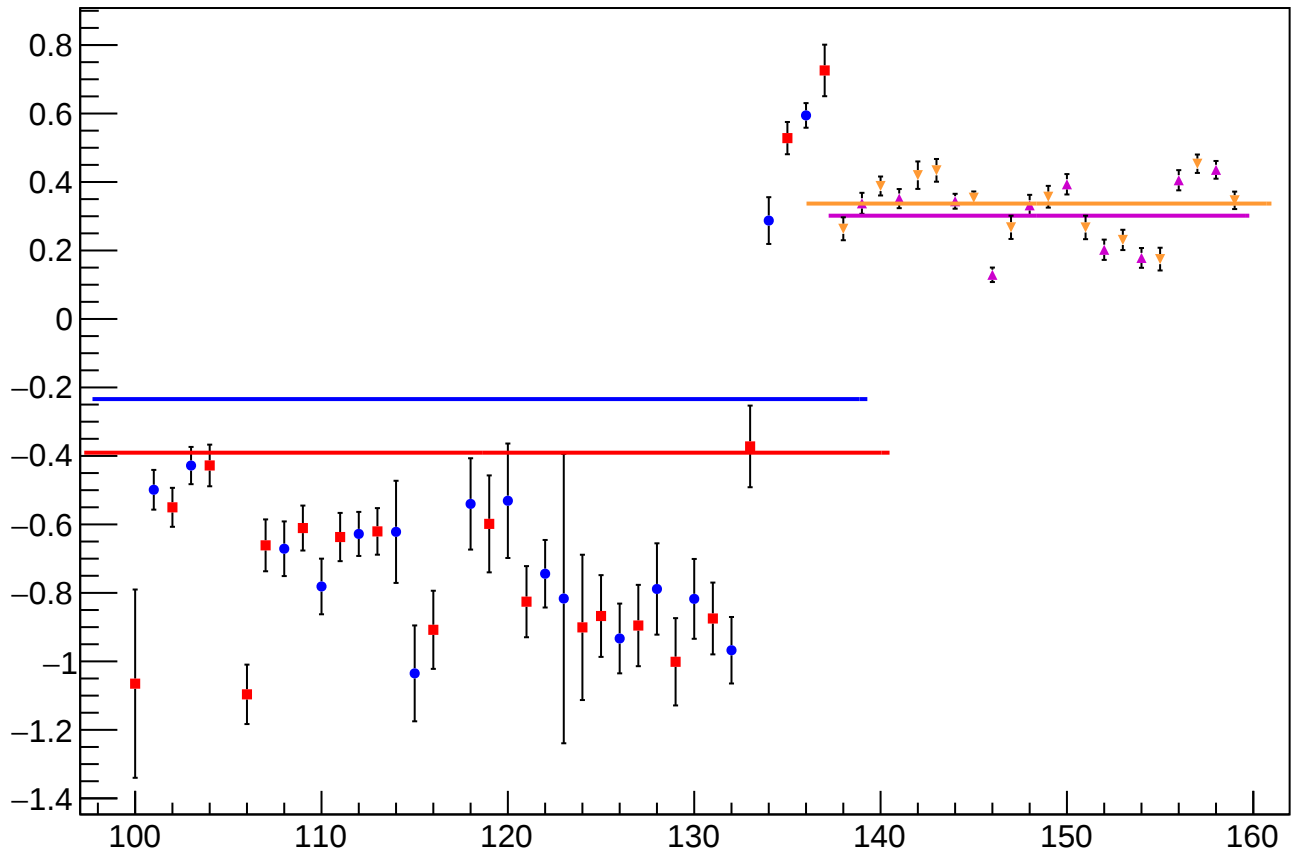
Left In: 5.863 ± 0.173 χ^2/NDF : 265.0/9

+ sign 4.669 ± 0.156 χ^2/NDF : 886.3/28

All: 4.884 ± 0.110 χ^2/NDF : 1524.2/57

- sign 5.100 ± 0.156 χ^2/NDF : 634.0/28

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.337 ± 0.008 χ^2/NDF : 86.3/11

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

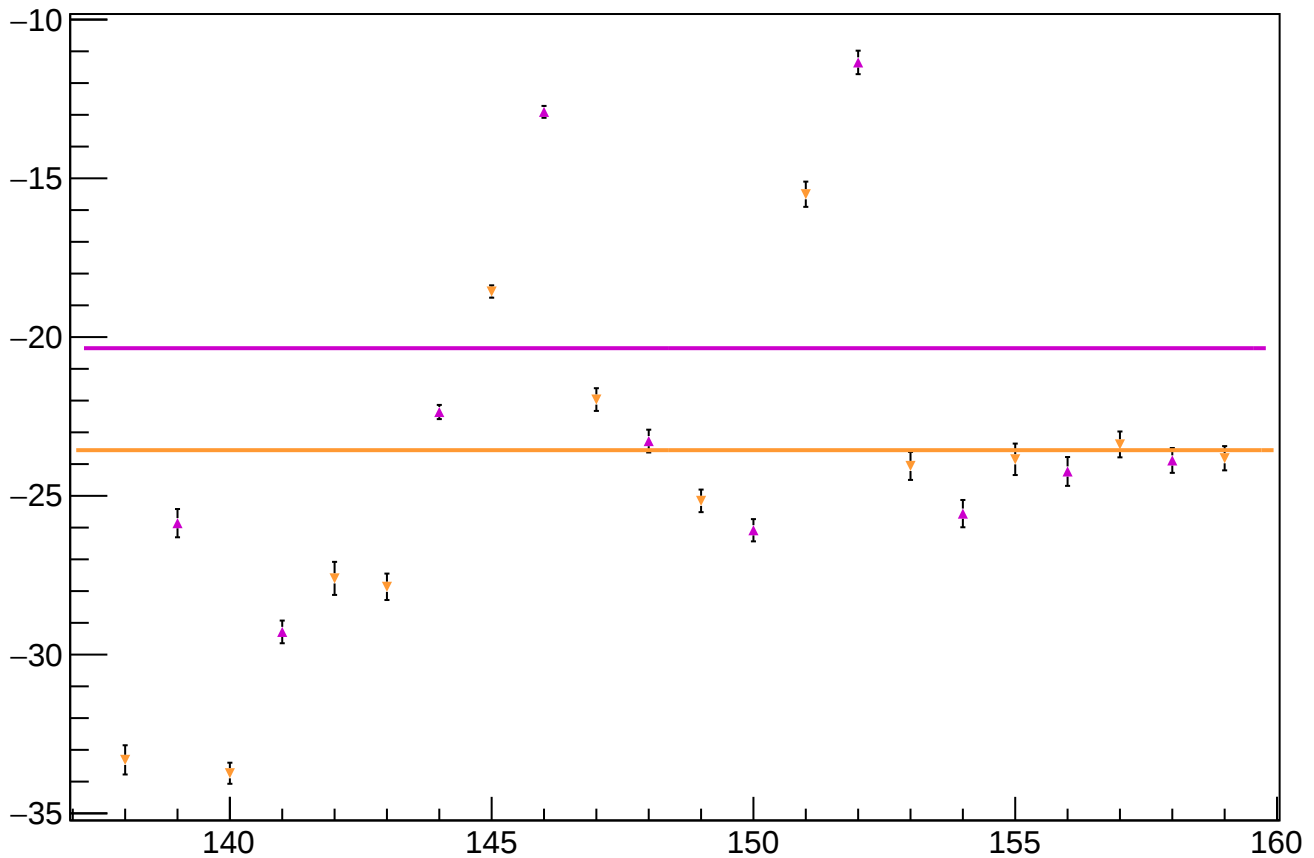
Left In: 0.302 ± 0.008 χ^2/NDF : 153.9/9

+ sign 0.244 ± 0.008 χ^2/NDF : 1809.3/28

All: 0.216 ± 0.005 χ^2/NDF : 3954.7/57

- sign 0.186 ± 0.008 χ^2/NDF : 2116.7/28

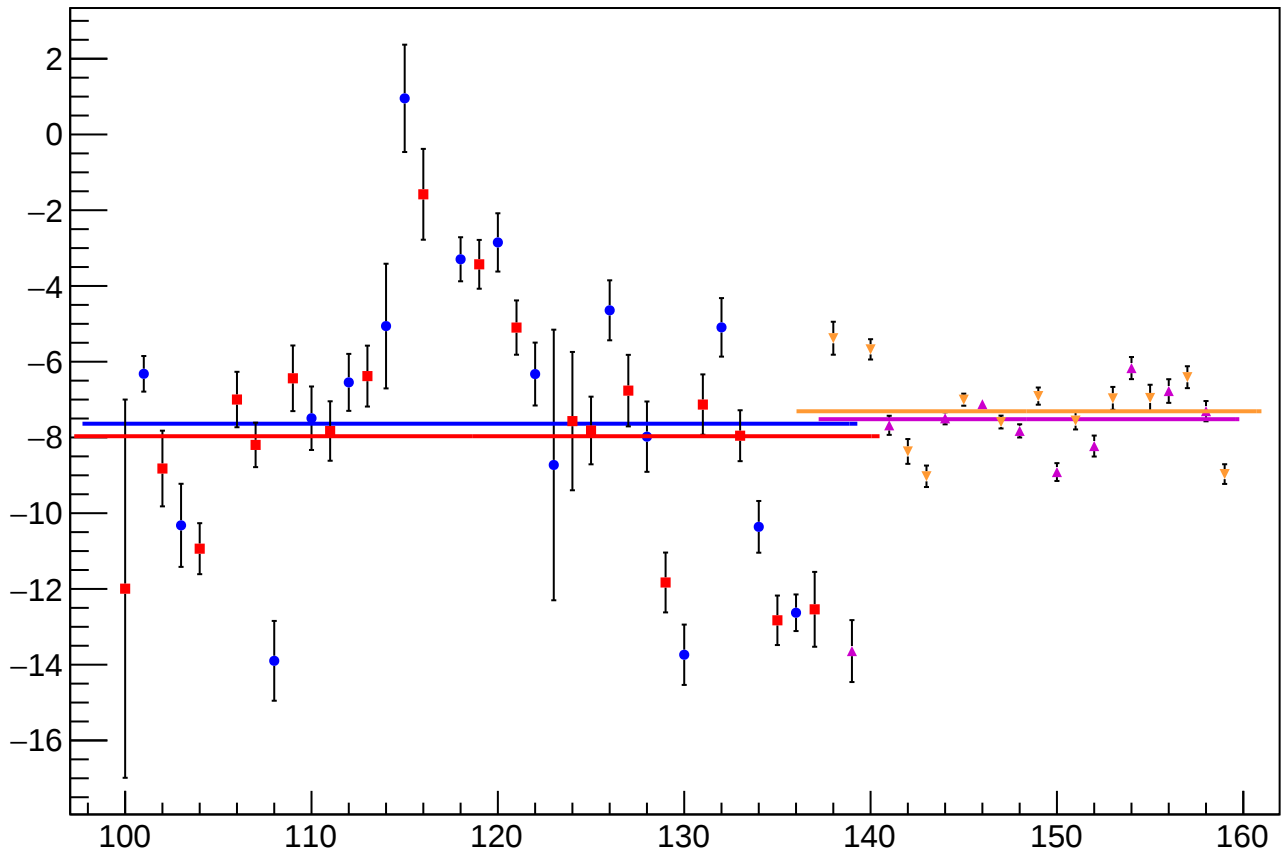
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -23.562 $\pm$ 0.103 χ^2 /NDF:2667.4/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -20.350 $\pm$ 0.099 χ^2 /NDF:3666.0/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -21.893 $\pm$ 0.072 χ^2 /NDF: 6836.1/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.309 ± 0.071 χ^2/NDF : 167.3/11

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

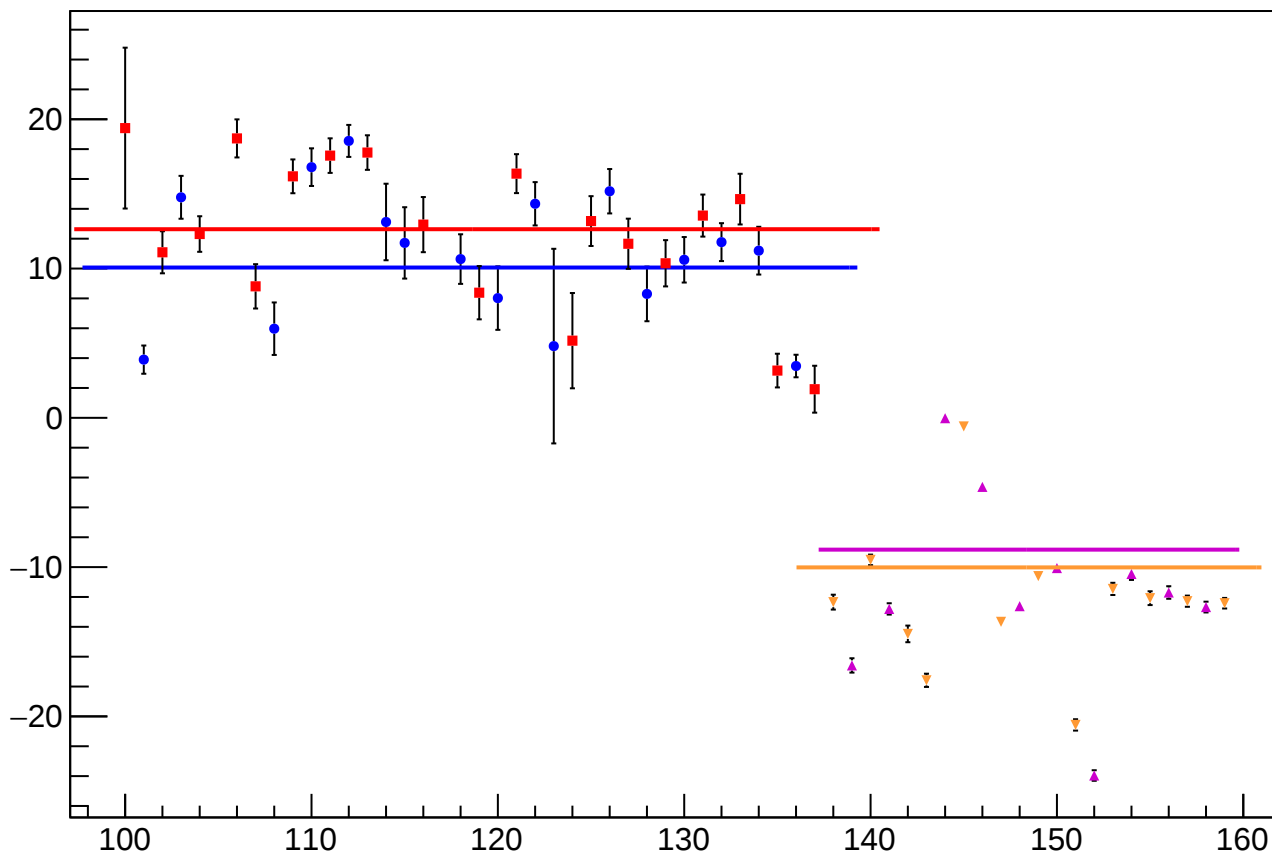
Left In: -7.518 ± 0.066 χ^2/NDF : 140.4/9

+ sign -7.351 ± 0.066 χ^2/NDF : 564.0/28

All: -7.466 ± 0.045 χ^2/NDF : 942.6/57

- sign -7.568 ± 0.062 χ^2/NDF : 372.8/28

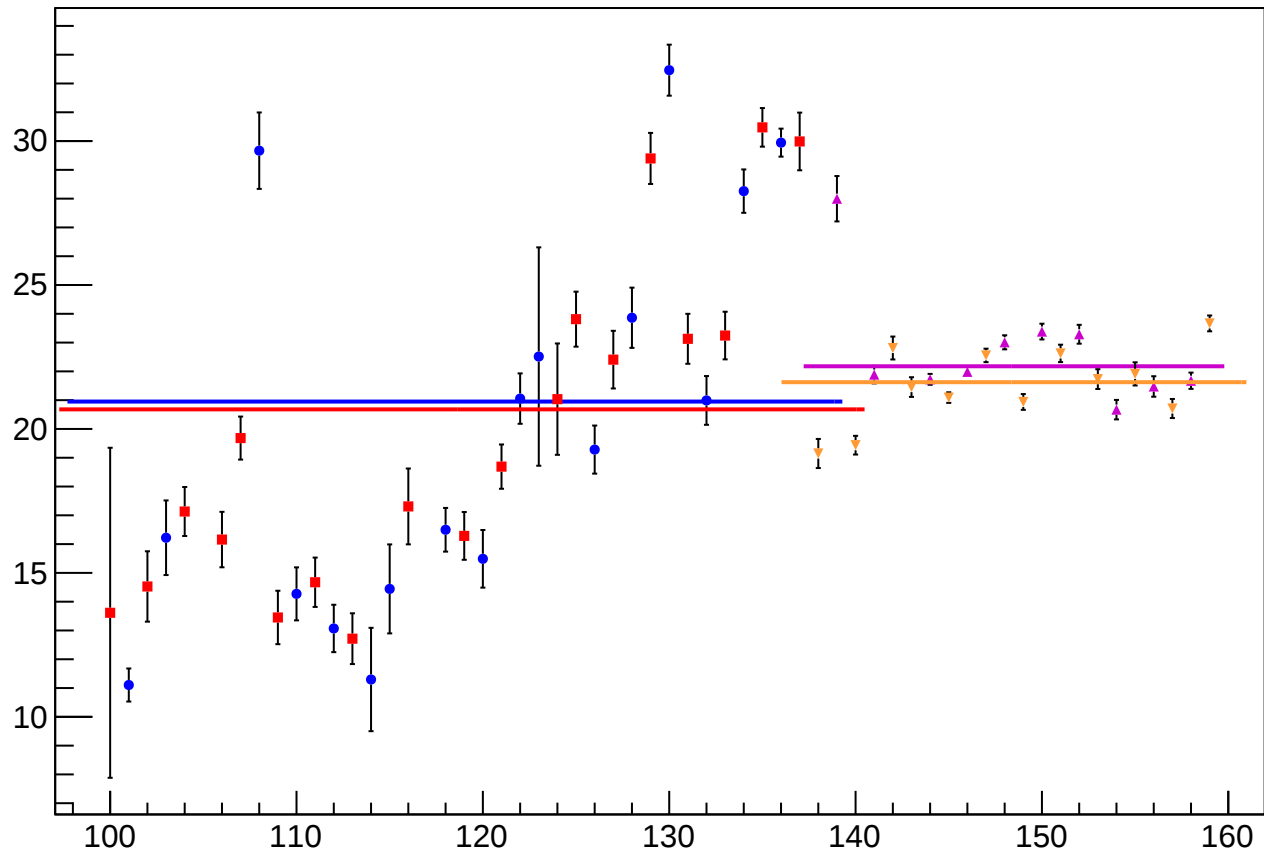
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.068 $\pm$ 0.337 χ^2/NDF : 253.6/16
 Left Out: -10.019 $\pm$ 0.103 χ^2/NDF : 3484.5/11
 Right Out: 12.635 $\pm$ 0.332 χ^2/NDF : 220.5/18
 Left In: -8.830 $\pm$ 0.097 χ^2/NDF : 4410.3/9

+ sign -8.312 $\pm$ 0.098 χ^2/NDF : 6981.0/28
 All: -7.692 $\pm$ 0.068 χ^2/NDF : 15525.9/57
 - sign -7.130 $\pm$ 0.094 χ^2/NDF : 8469.1/28

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.951 ± 0.210 $\chi^2/\text{NDF}: 1222.8/16$

Left Out: 21.625 ± 0.085 $\chi^2/\text{NDF}: 183.6/11$

Right Out: 20.680 ± 0.213 $\chi^2/\text{NDF}: 728.4/18$

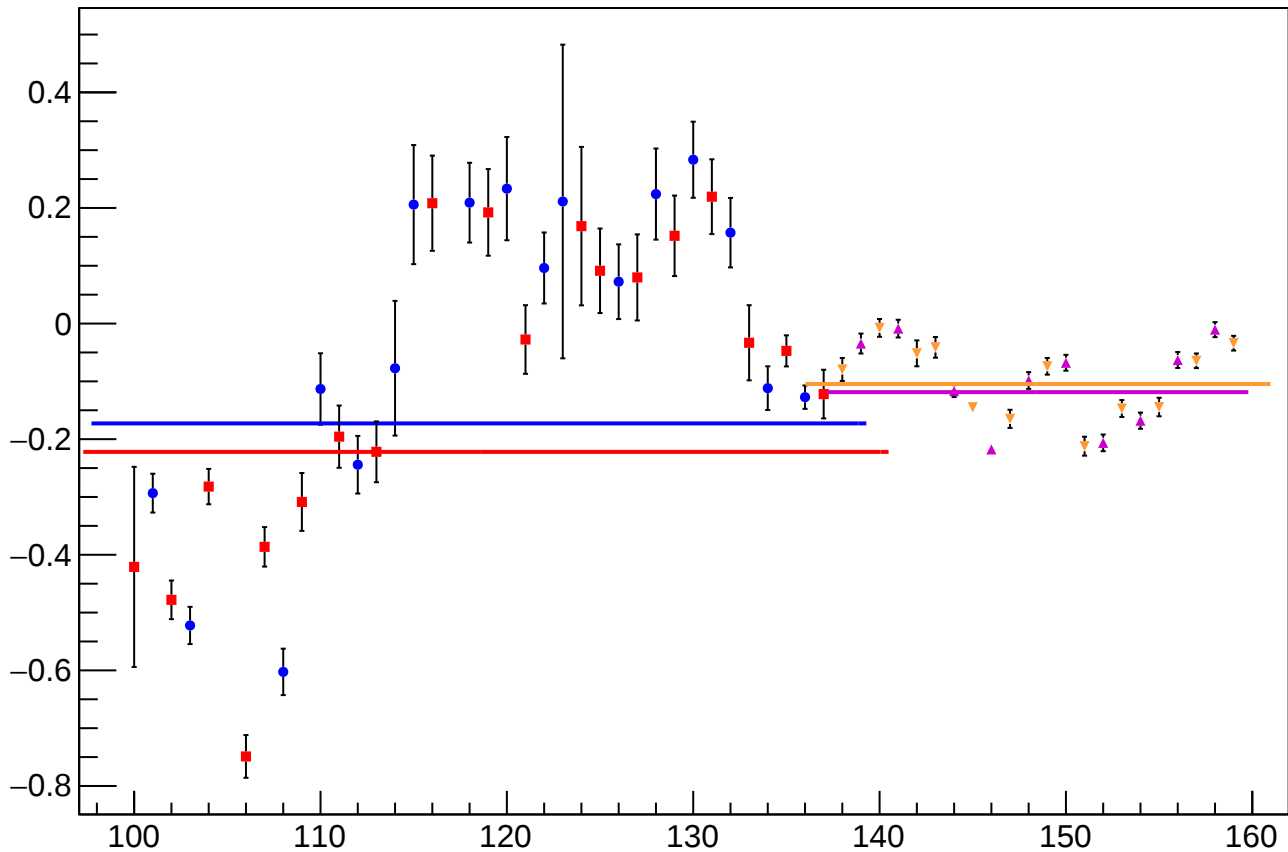
Left In: 22.177 ± 0.080 $\chi^2/\text{NDF}: 132.4/9$

+ sign 21.529 ± 0.079 $\chi^2/\text{NDF}: 1415.2/28$

All: 21.772 ± 0.054 $\chi^2/\text{NDF}: 2337.3/57$

- sign 21.990 ± 0.075 $\chi^2/\text{NDF}: 904.2/28$

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.105 ± 0.004 χ^2/NDF : 202.1/11

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

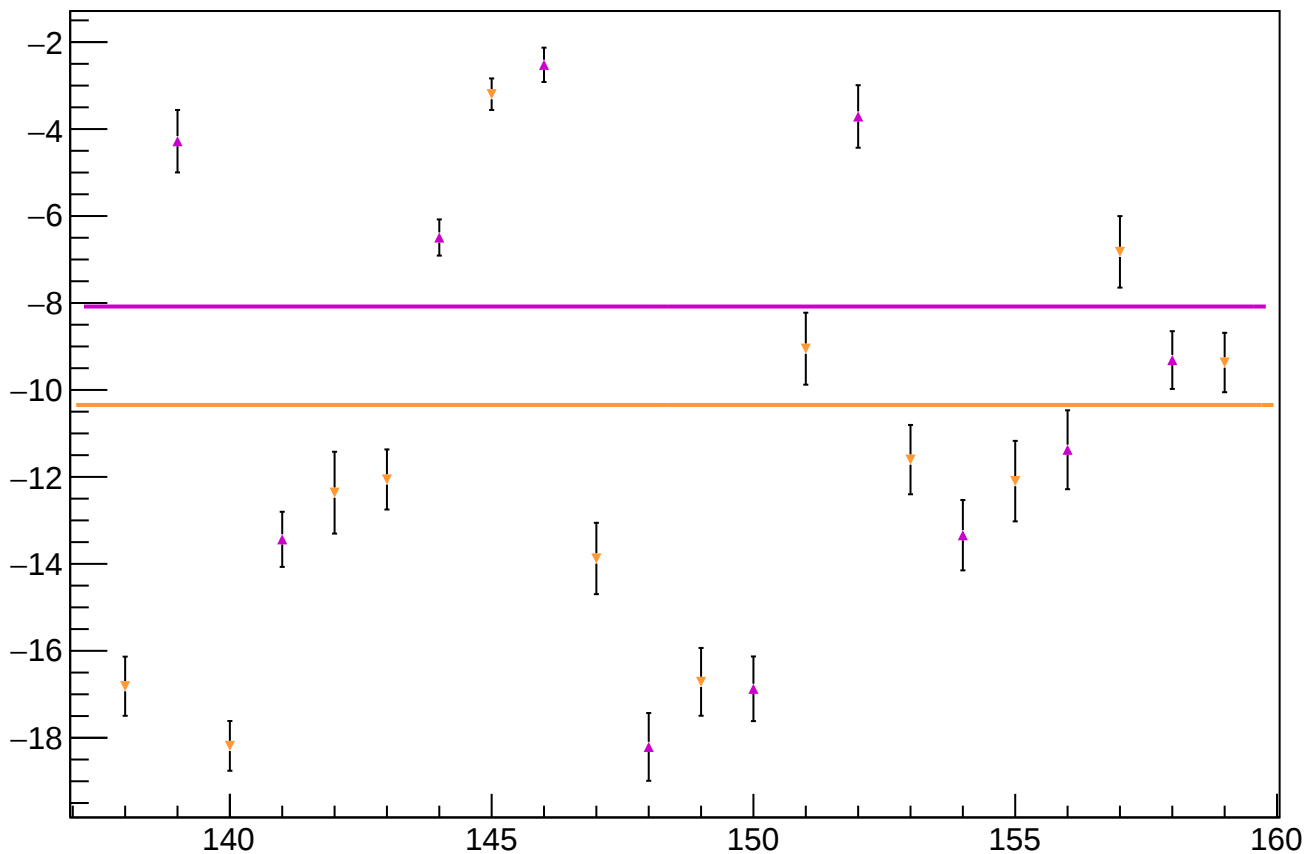
Left In: -0.119 ± 0.004 χ^2/NDF : 363.4/9

+ sign -0.112 ± 0.004 χ^2/NDF : 695.3/28

All: -0.122 ± 0.003 χ^2/NDF : 1685.6/57

- sign -0.131 ± 0.004 χ^2/NDF : 978.6/28

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.346+/-0.192 χ^2/NDF : 791.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

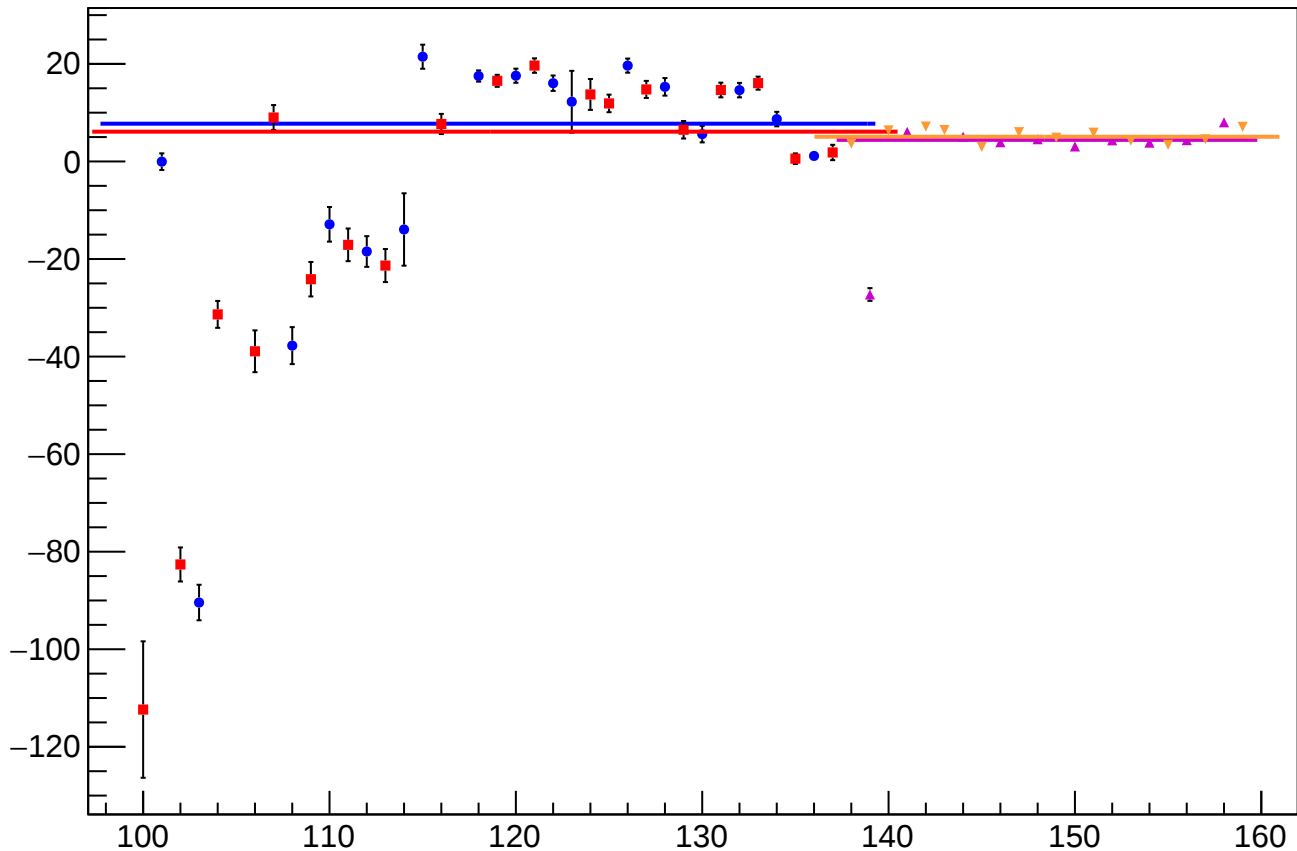
Left In: -8.082+/-0.192 χ^2/NDF : 717.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.213+/-0.136 χ^2/NDF : 1577.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 5.068 ± 0.135 $\chi^2/\text{NDF}: 123.1/11$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

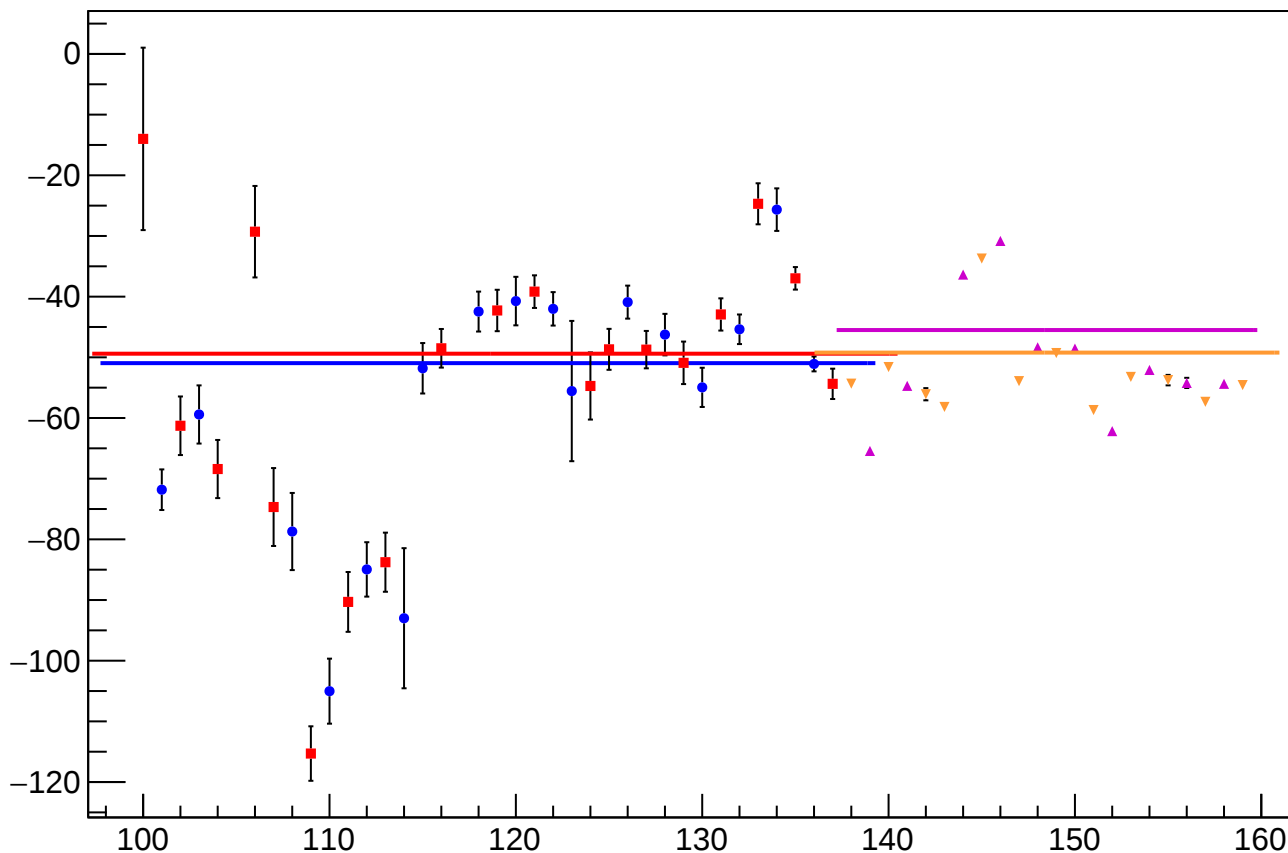
Left In: 4.427 ± 0.131 $\chi^2/\text{NDF}: 681.4/9$

+ sign 5.339 ± 0.128 $\chi^2/\text{NDF}: 1521.5/28$

All: 4.946 ± 0.090 $\chi^2/\text{NDF}: 3752.8/57$

- sign 4.569 ± 0.126 $\chi^2/\text{NDF}: 2212.9/28$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -49.221 ± 0.194 χ^2/NDF : 2281.7/11

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

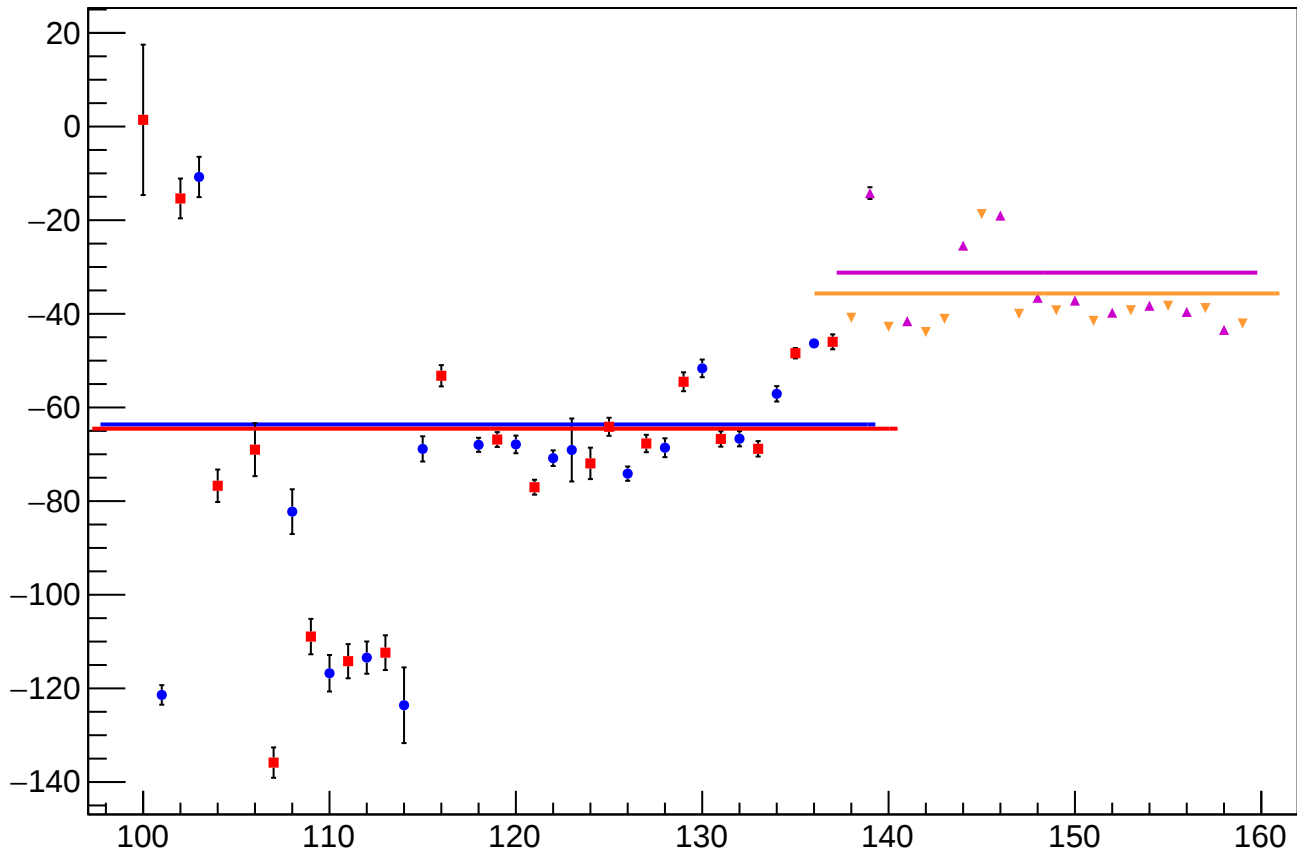
Left In: -45.503 ± 0.190 χ^2/NDF : 3773.1/9

+ sign -49.333 ± 0.188 χ^2/NDF : 2618.8/28

All: -47.496 ± 0.132 χ^2/NDF : 7115.6/57

- sign -45.713 ± 0.185 χ^2/NDF : 4307.8/28

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -35.647 ± 0.161 χ^2/NDF : 3433.2/11

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

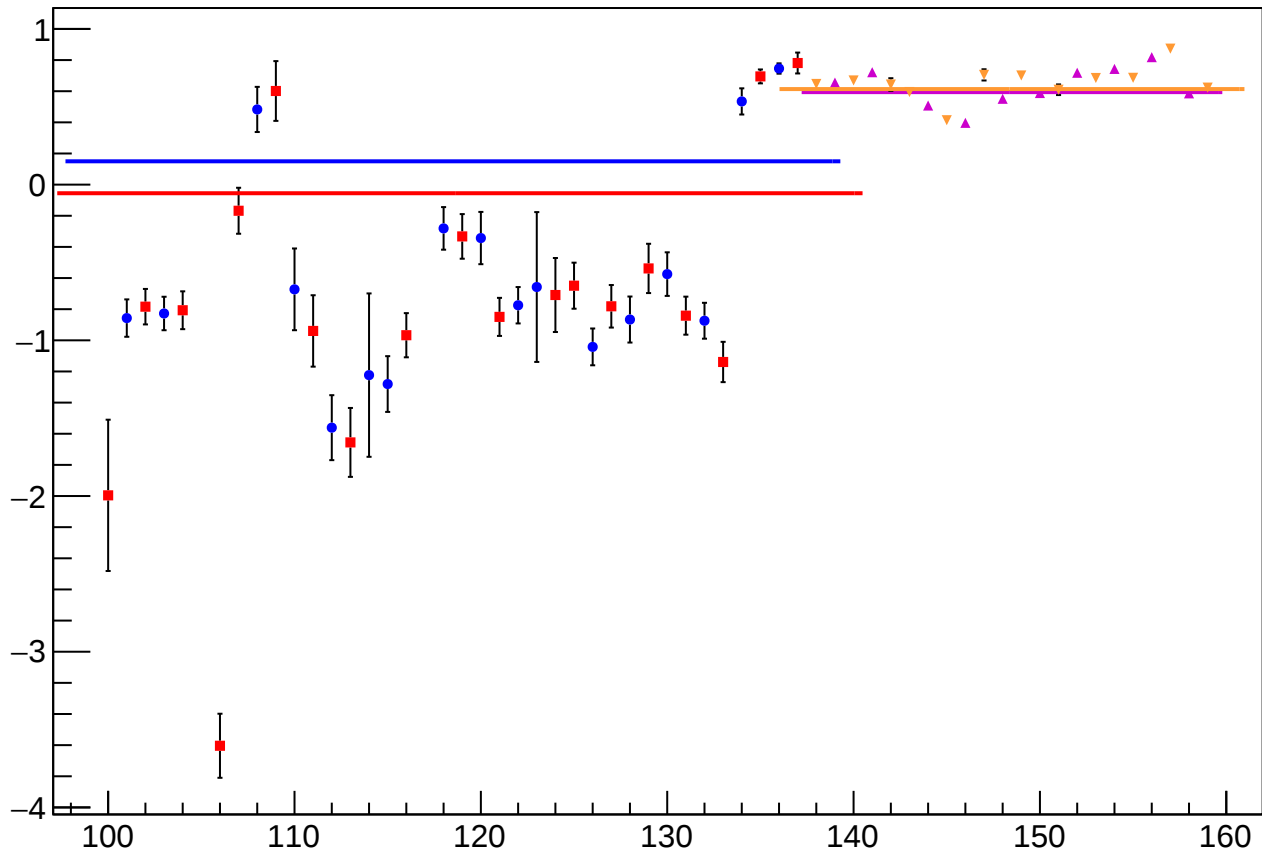
Left In: -31.203 ± 0.158 χ^2/NDF : 3620.9/9

+ sign -38.885 ± 0.152 χ^2/NDF : 8928.2/28

All: -36.643 ± 0.107 χ^2/NDF : 18910.5/57

- sign -34.442 ± 0.150 χ^2/NDF : 9549.2/28

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$

Left Out: 0.614 ± 0.008 $\chi^2/\text{NDF}: 310.9/11$

Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$

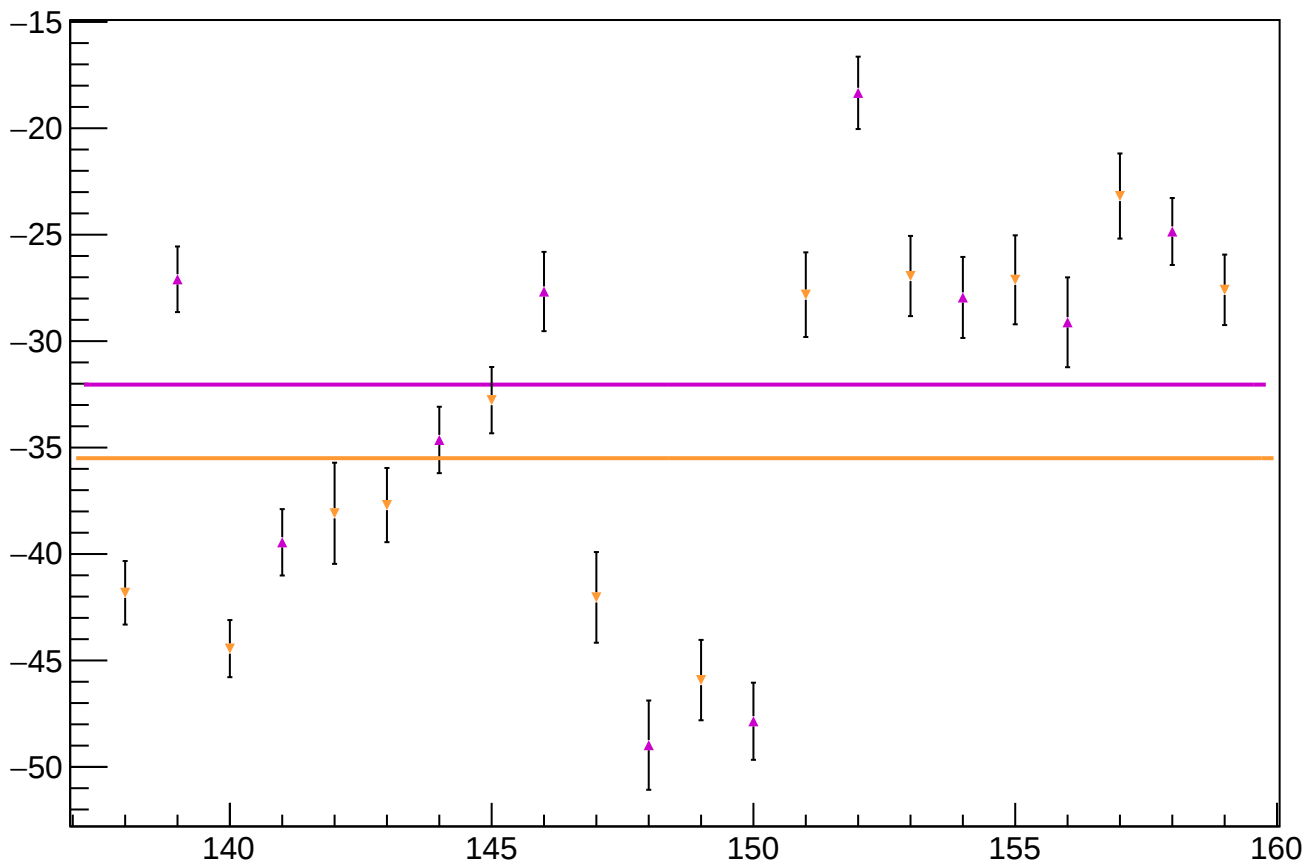
Left In: 0.594 ± 0.008 $\chi^2/\text{NDF}: 288.5/9$

+ sign 0.571 ± 0.007 $\chi^2/\text{NDF}: 1639.9/28$

All: 0.557 ± 0.005 $\chi^2/\text{NDF}: 3671.9/57$

- sign 0.542 ± 0.007 $\chi^2/\text{NDF}: 2024.1/28$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -35.498 $\pm$ 0.513 χ^2 /NDF:220.6/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

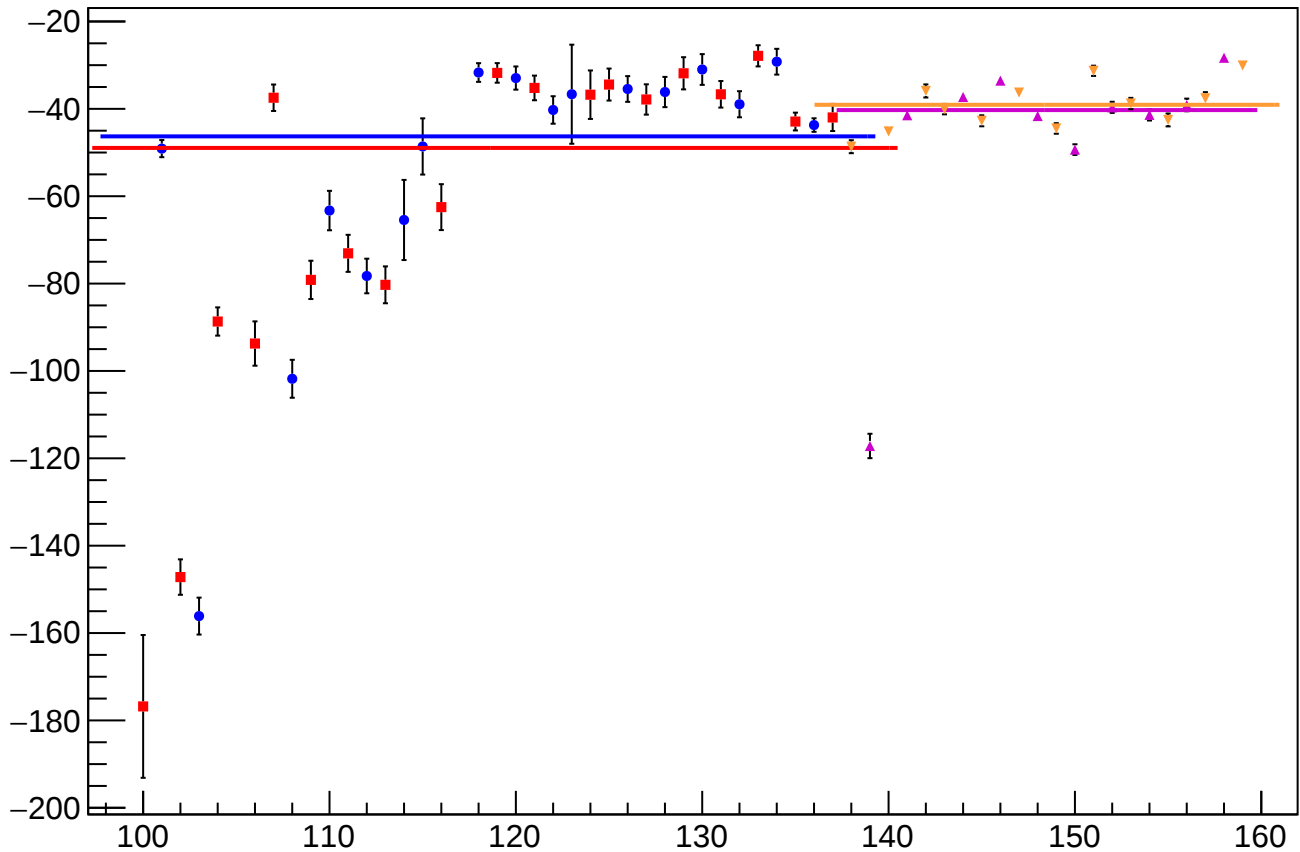
Left In: -32.043 $\pm$ 0.549 χ^2 /NDF:275.1/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.889 $\pm$ 0.375 χ^2 /NDF: 516.8/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -39.072 ± 0.359 χ^2/NDF : 227.1/11

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

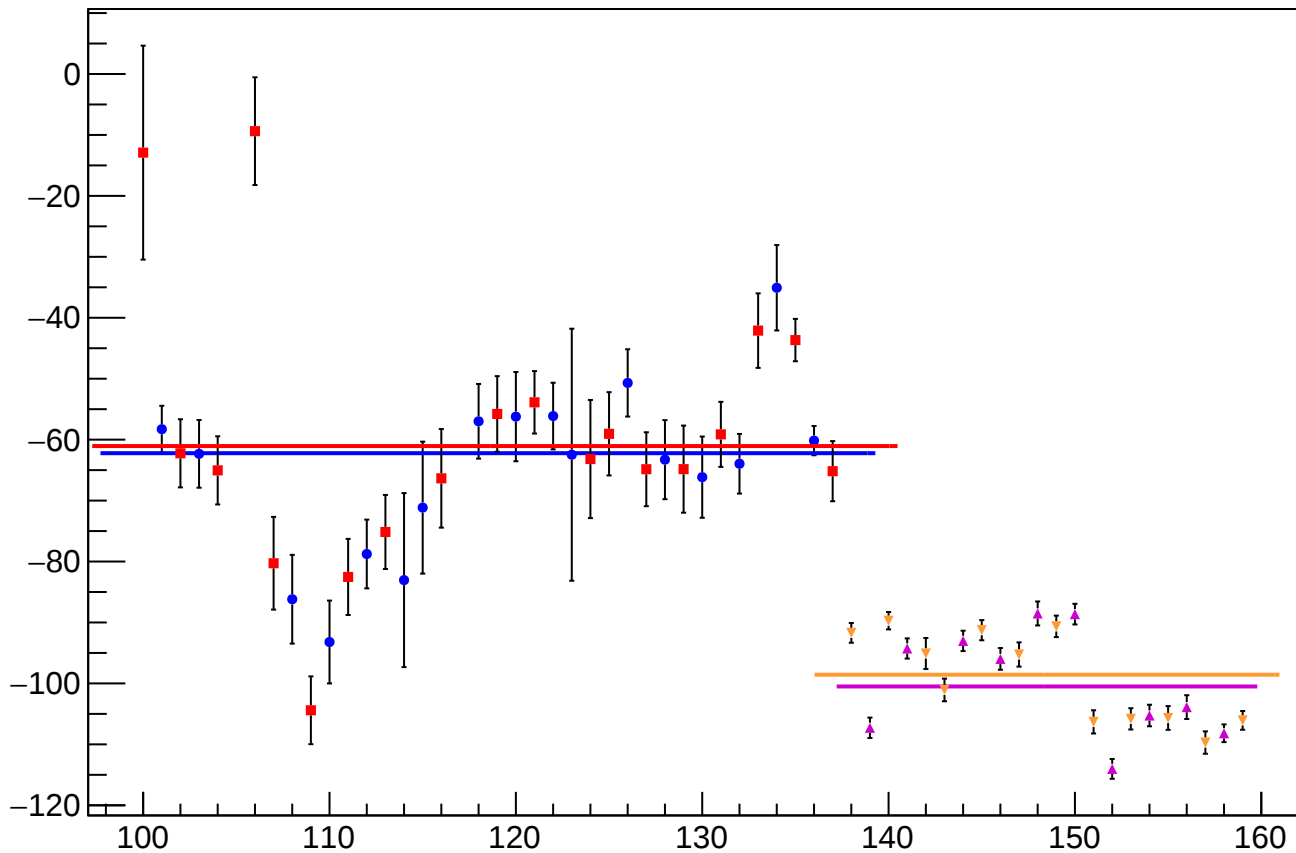
Left In: -40.284 ± 0.387 χ^2/NDF : 982.8/9

+ sign -40.500 ± 0.322 χ^2/NDF : 1391.1/28

All: -41.224 ± 0.235 χ^2/NDF : 3761.1/57

- sign -42.058 ± 0.345 χ^2/NDF : 2359.0/28

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -98.575 ± 0.510 $\chi^2/\text{NDF}: 210.1/11$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

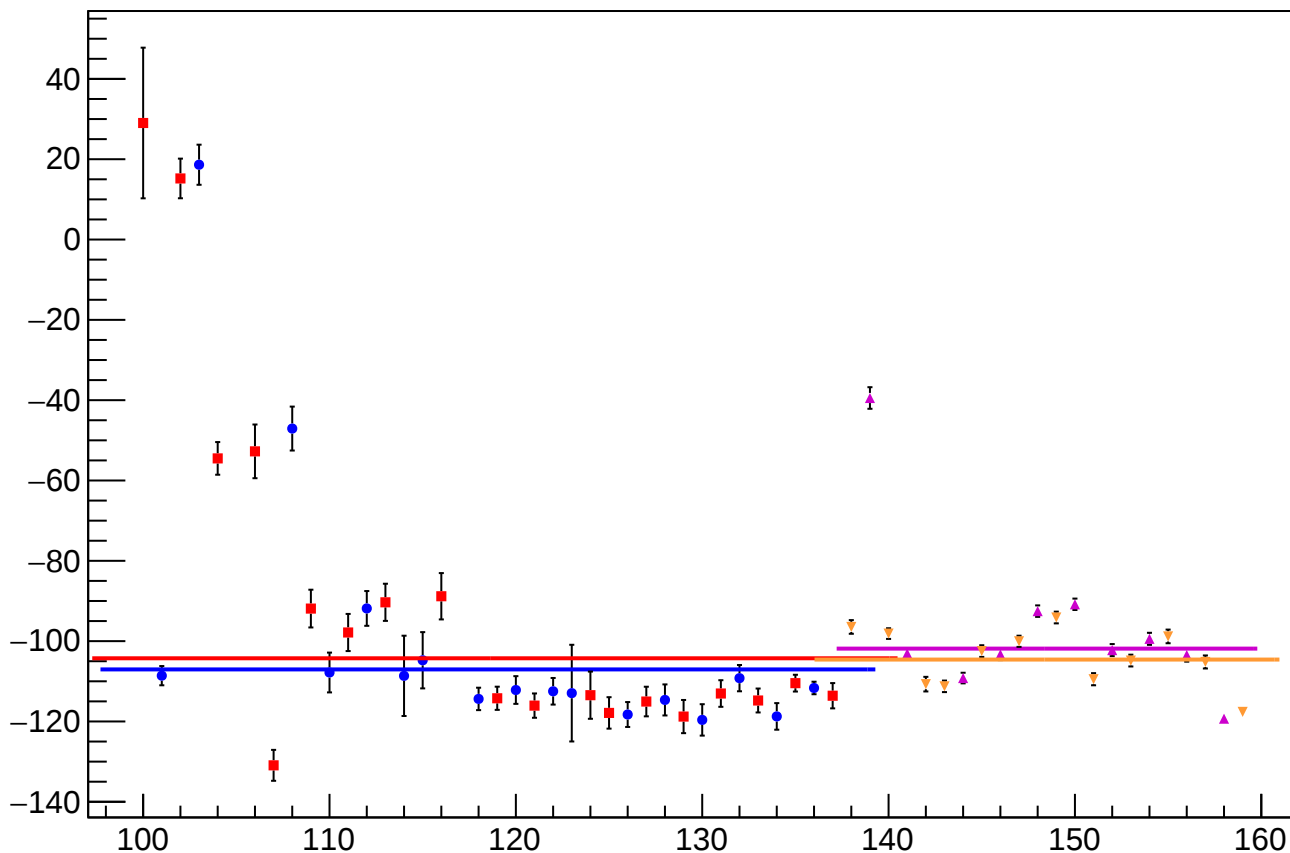
Left In: -100.499 ± 0.539 $\chi^2/\text{NDF}: 250.8/9$

+ sign -93.797 ± 0.476 $\chi^2/\text{NDF}: 944.7/28$

All: -94.490 ± 0.345 $\chi^2/\text{NDF}: 2076.1/57$

- sign -95.262 ± 0.502 $\chi^2/\text{NDF}: 1126.9/28$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -104.588 ± 0.427 χ^2/NDF : 284.6/11

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

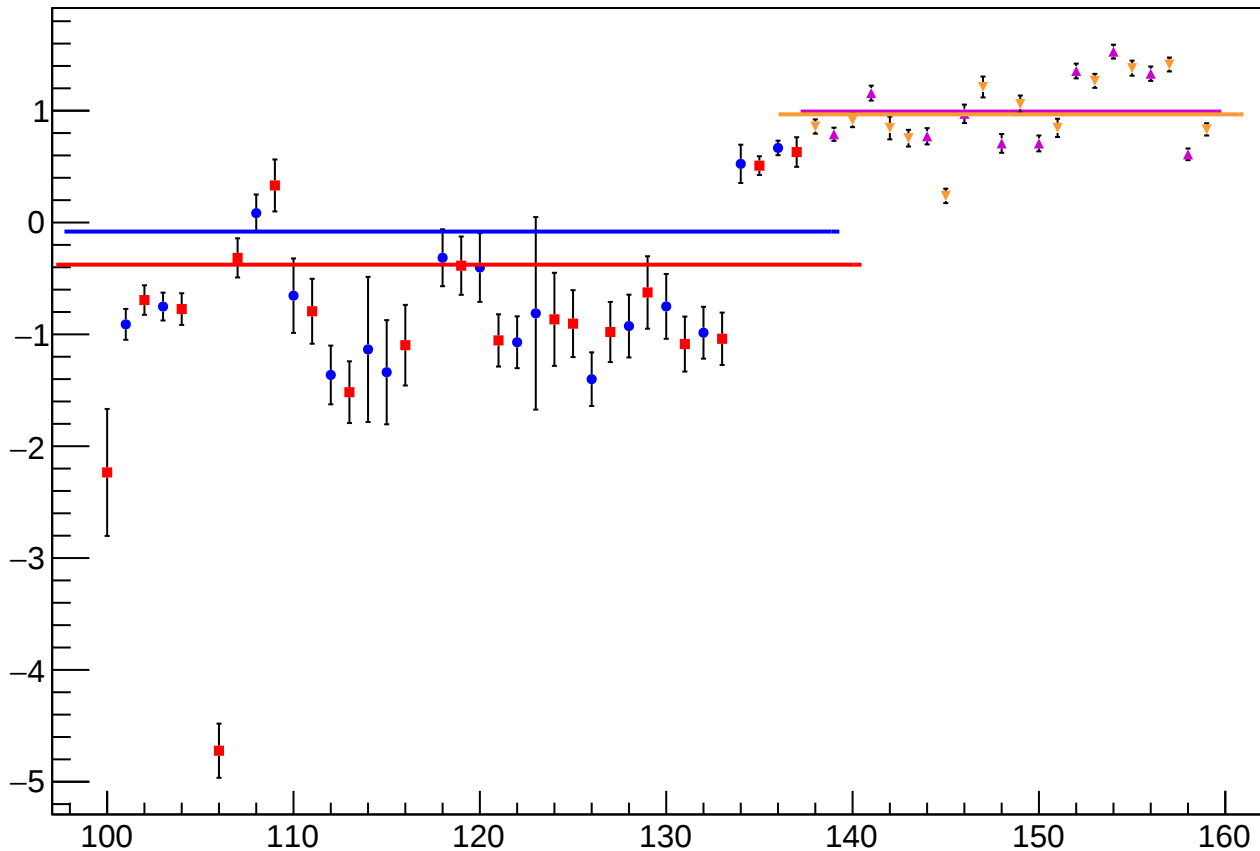
Left In: -101.861 ± 0.458 χ^2/NDF : 912.3/9

+ sign -105.119 ± 0.378 χ^2/NDF : 1119.6/28

All: -103.847 ± 0.276 χ^2/NDF : 3080.3/57

- sign -102.393 ± 0.404 χ^2/NDF : 1936.5/28

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.967 ± 0.020 χ^2/NDF : 267.9/11

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

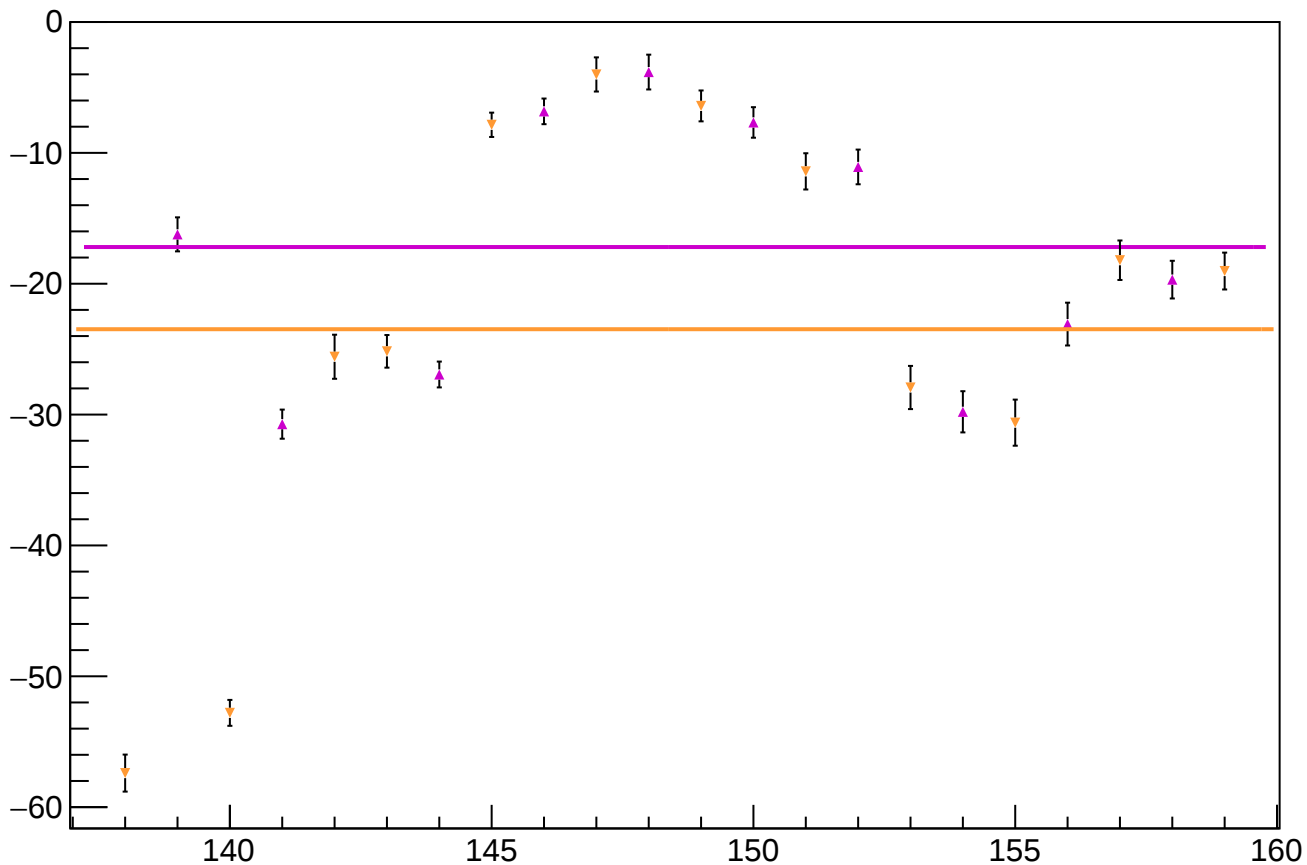
Left In: 0.992 ± 0.021 χ^2/NDF : 240.8/9

+ sign 0.776 ± 0.018 χ^2/NDF : 1101.2/28

All: 0.758 ± 0.013 χ^2/NDF : 2721.0/57

- sign 0.739 ± 0.019 χ^2/NDF : 1617.7/28

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.476+/-0.374 χ^2/NDF : 2291.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

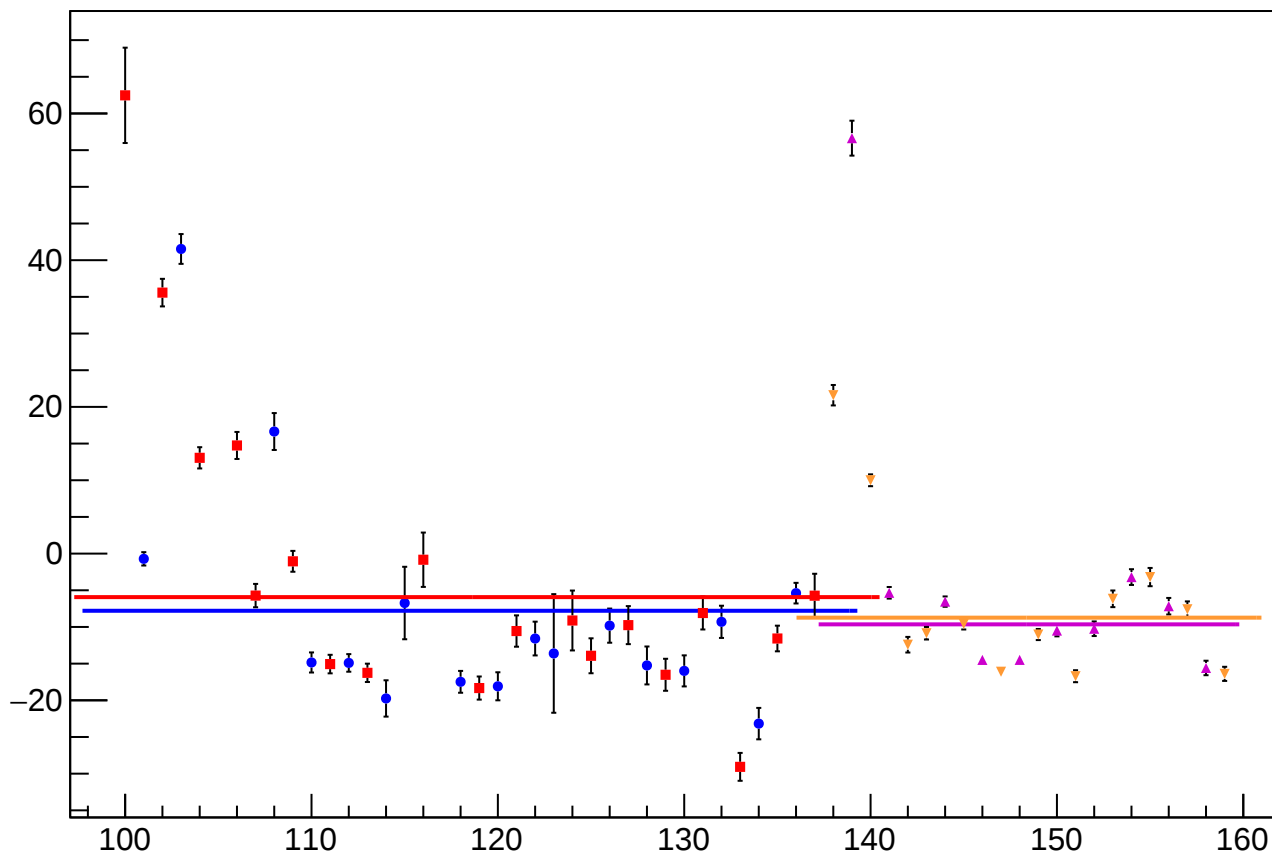
Left In: -17.196+/-0.389 χ^2/NDF : 626.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.459+/-0.270 χ^2/NDF : 3052.9/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -8.732 ± 0.256 χ^2/NDF : 1363.5/11

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

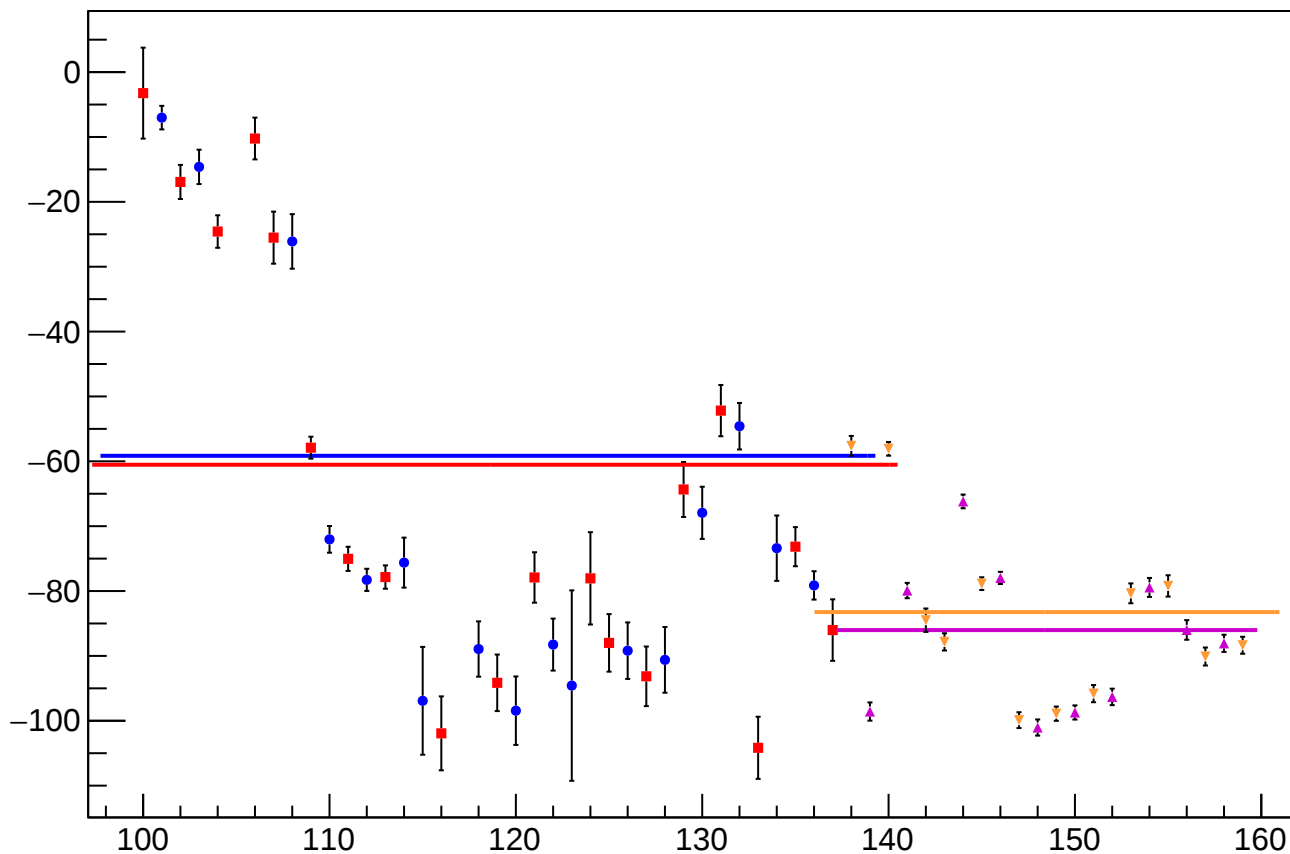
Left In: -9.646 ± 0.266 χ^2/NDF : 1020.3/9

+ sign -8.484 ± 0.220 χ^2/NDF : 2349.8/28

All: -8.546 ± 0.158 χ^2/NDF : 4718.6/57

- sign -8.612 ± 0.226 χ^2/NDF : 2368.6/28

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -83.245 ± 0.373 χ^2/NDF : 1408.9/11

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

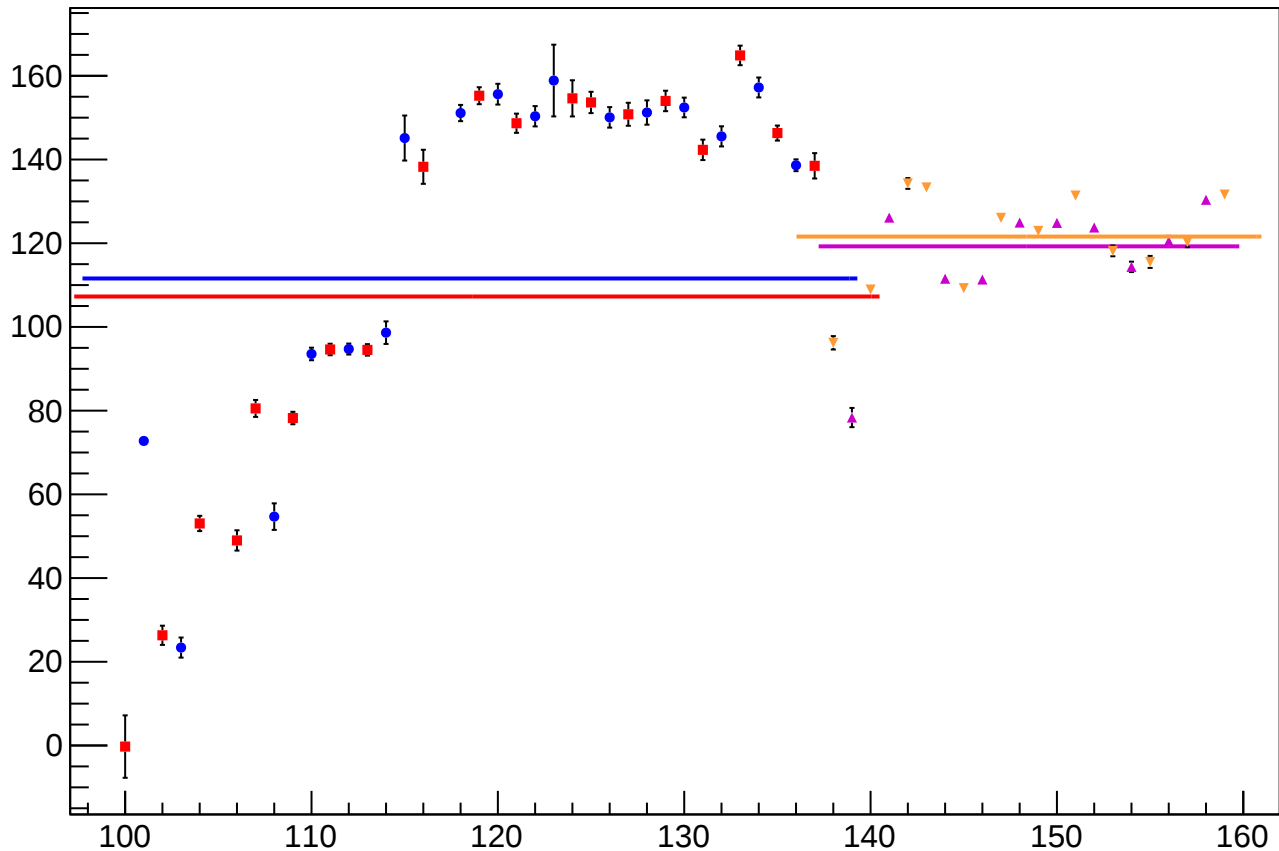
Left In: -86.020 ± 0.383 χ^2/NDF : 900.3/9

+ sign -78.424 ± 0.333 χ^2/NDF : 3963.4/28

All: -79.305 ± 0.237 χ^2/NDF : 7274.4/57

- sign -80.201 ± 0.336 χ^2/NDF : 3296.9/28

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 121.595 $\pm$ 0.309 χ^2 /NDF:1084.0/11

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

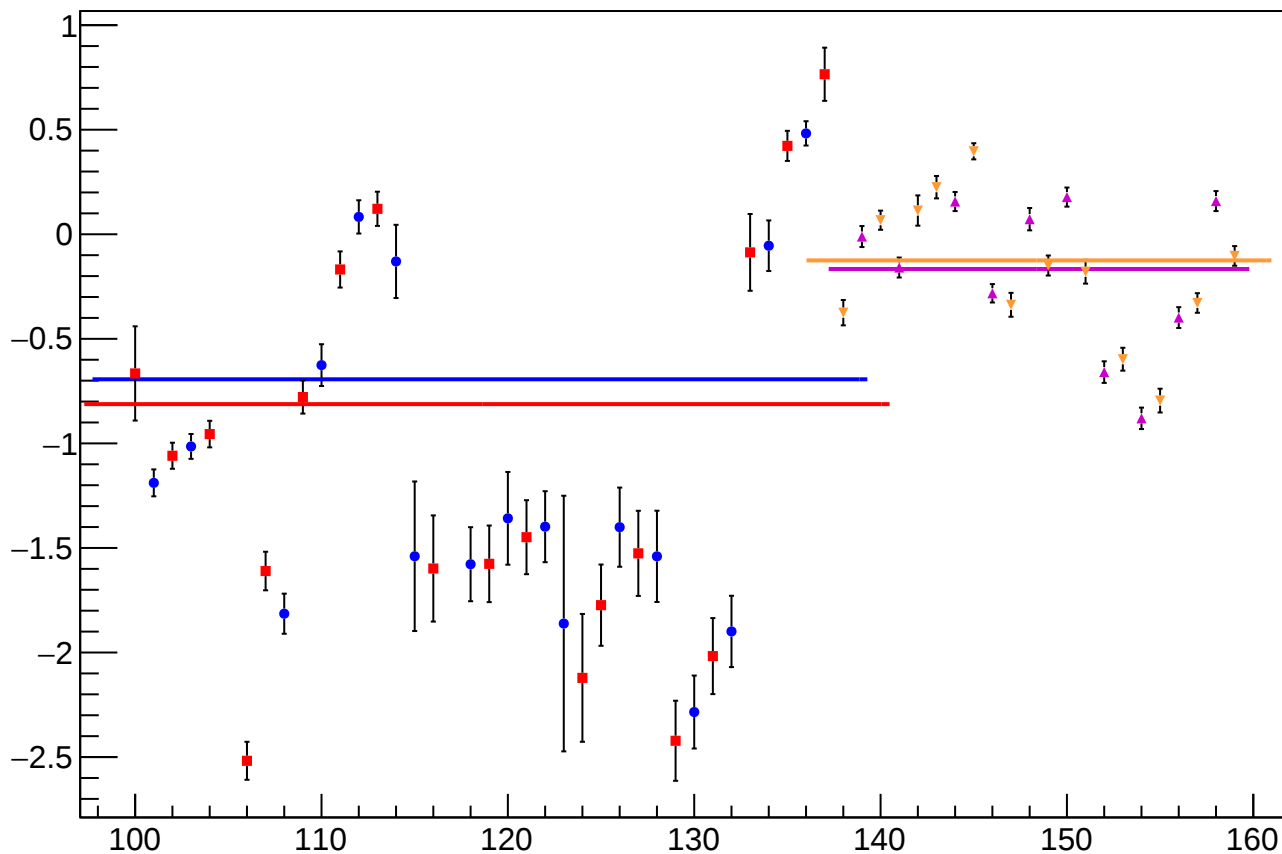
Left In: 119.252 $\pm$ 0.321 χ^2 /NDF:783.7/9

+ sign 118.726 $\pm$ 0.261 χ^2 /NDF: 7331.2/28

All: 117.222 $\pm$ 0.187 χ^2 /NDF: 15649.5/57

- sign 115.638 $\pm$ 0.268 χ^2 /NDF: 8250.1/28

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.125 ± 0.015 χ^2/NDF : 518.8/11

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

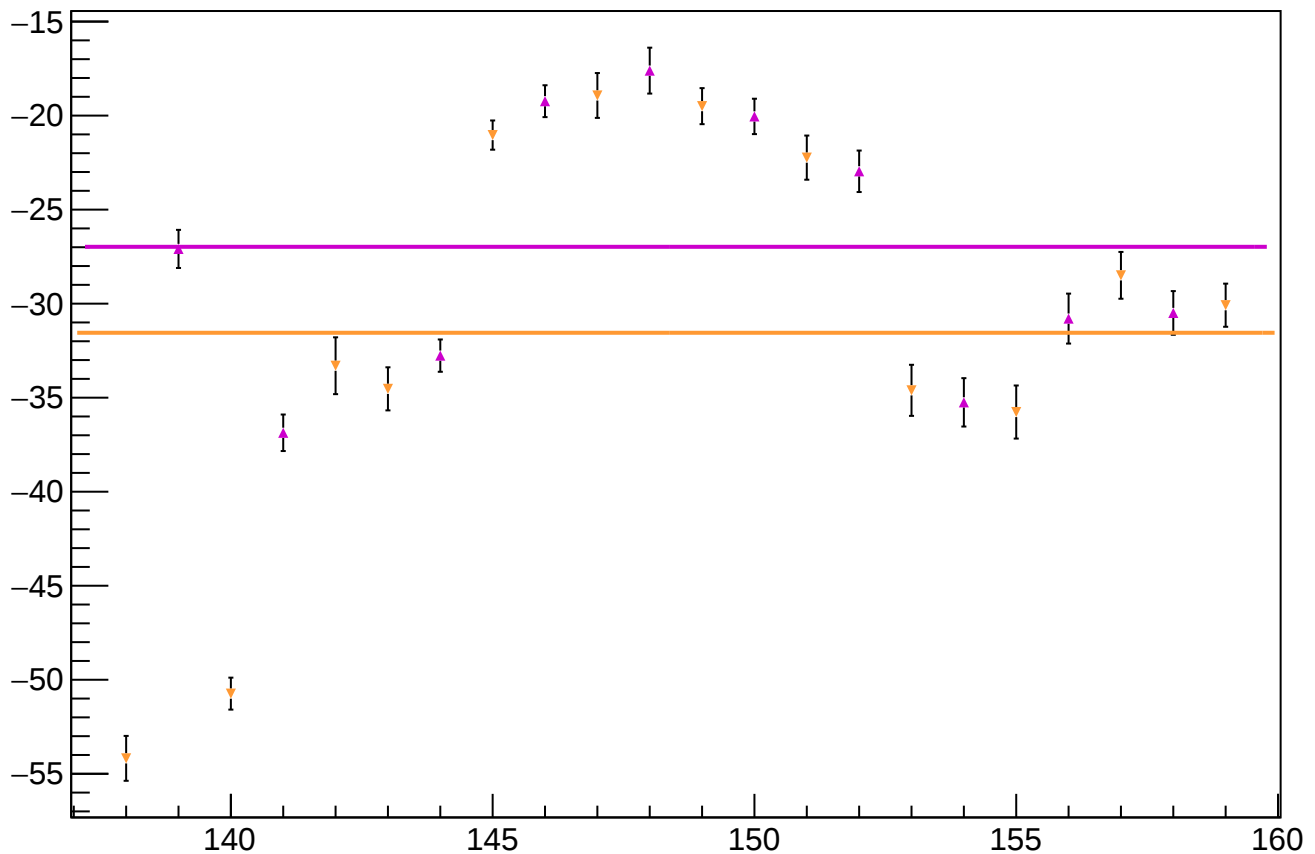
Left In: -0.166 ± 0.015 χ^2/NDF : 495.8/9

+ sign -0.266 ± 0.013 χ^2/NDF : 1874.8/28

All: -0.307 ± 0.009 χ^2/NDF : 4205.7/57

- sign -0.350 ± 0.013 χ^2/NDF : 2309.8/28

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -31.548 ± 0.318 χ^2/NDF : 1415.3/11

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

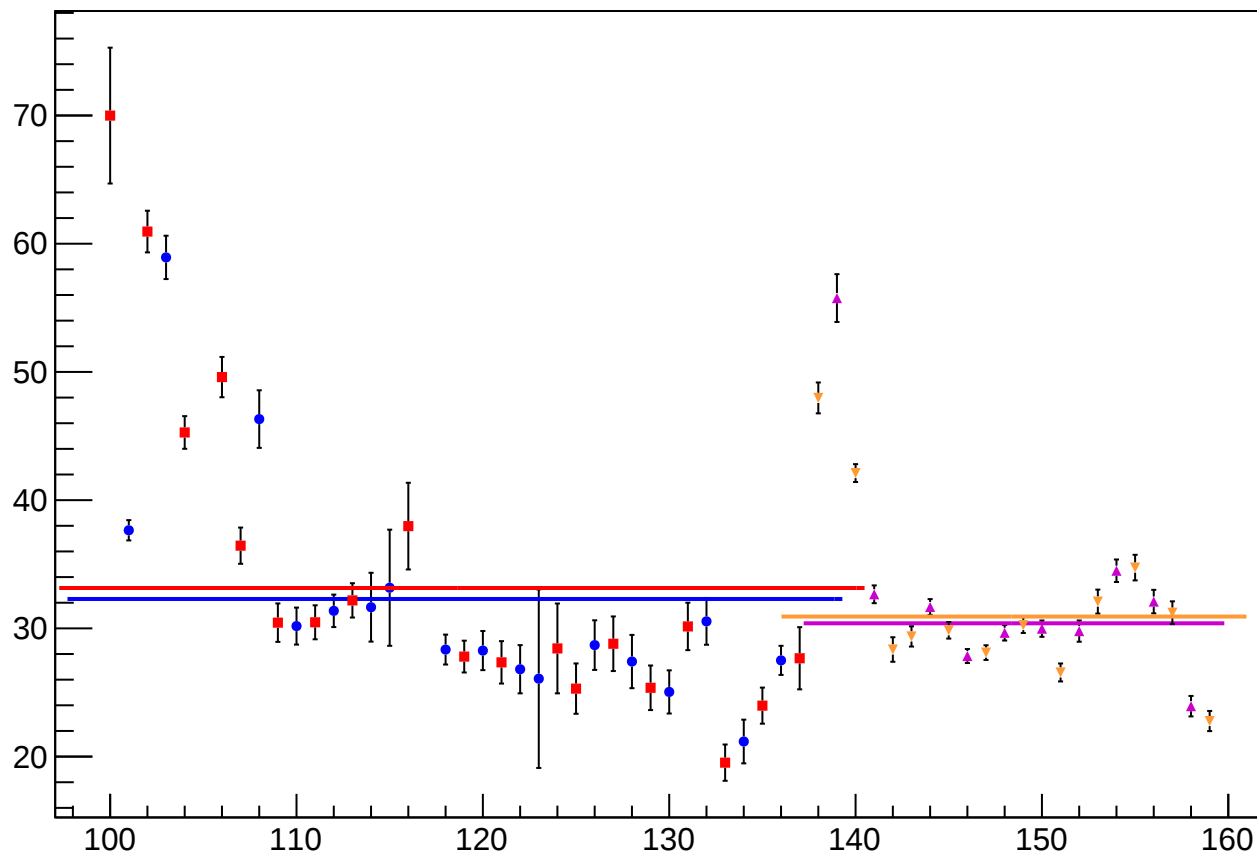
Left In: -26.977 ± 0.328 χ^2/NDF : 418.0/9

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.333 ± 0.228 χ^2/NDF : 1933.6/21

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.293 ± 0.373 χ^2/NDF : 452.5/16

Left Out: 30.922 ± 0.220 χ^2/NDF : 659.5/11

Right Out: 33.149 ± 0.379 χ^2/NDF : 772.6/18

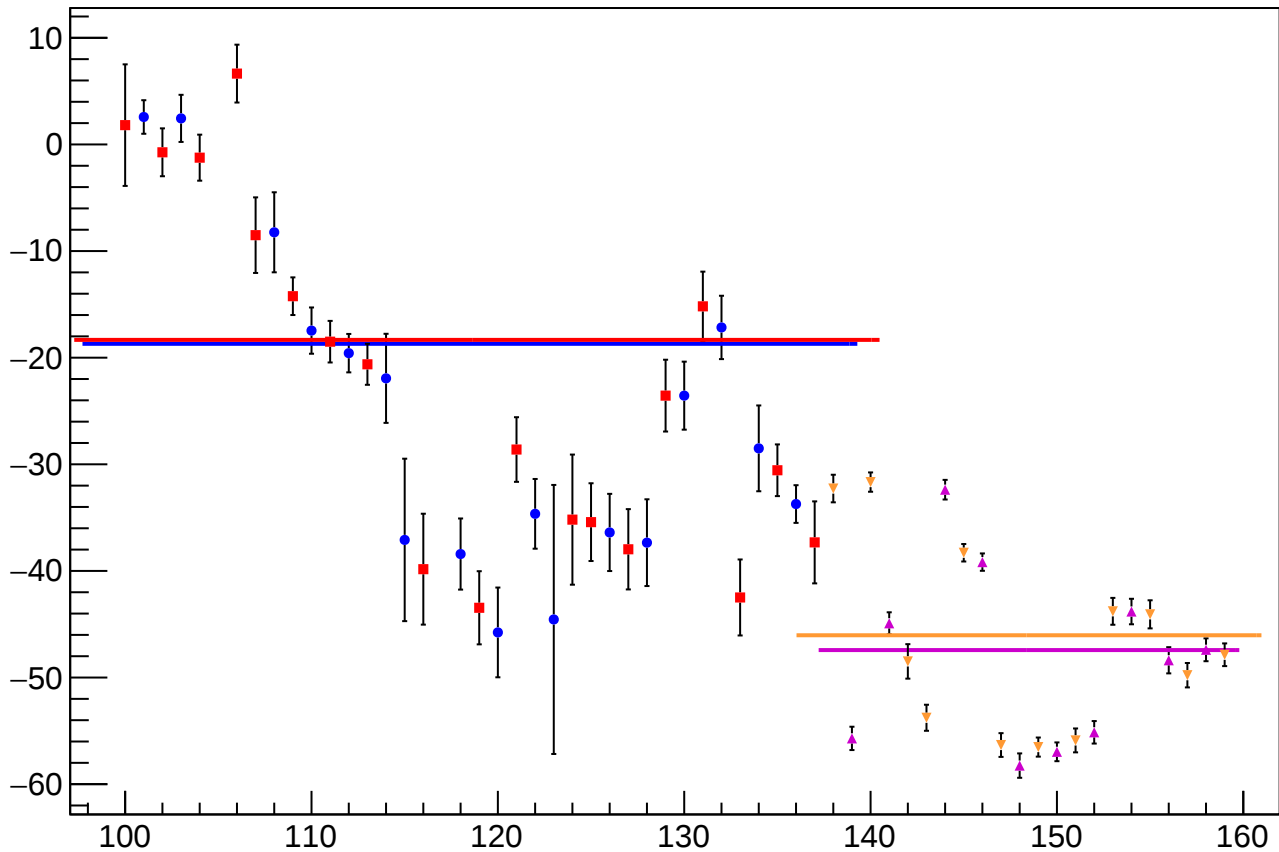
Left In: 30.395 ± 0.229 χ^2/NDF : 315.0/9

+ sign 31.276 ± 0.190 χ^2/NDF : 1122.1/28

All: 31.206 ± 0.136 χ^2/NDF : 2248.8/57

- sign 31.132 ± 0.196 χ^2/NDF : 1126.4/28

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -46.035 ± 0.315 χ^2/NDF : 815.3/11

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

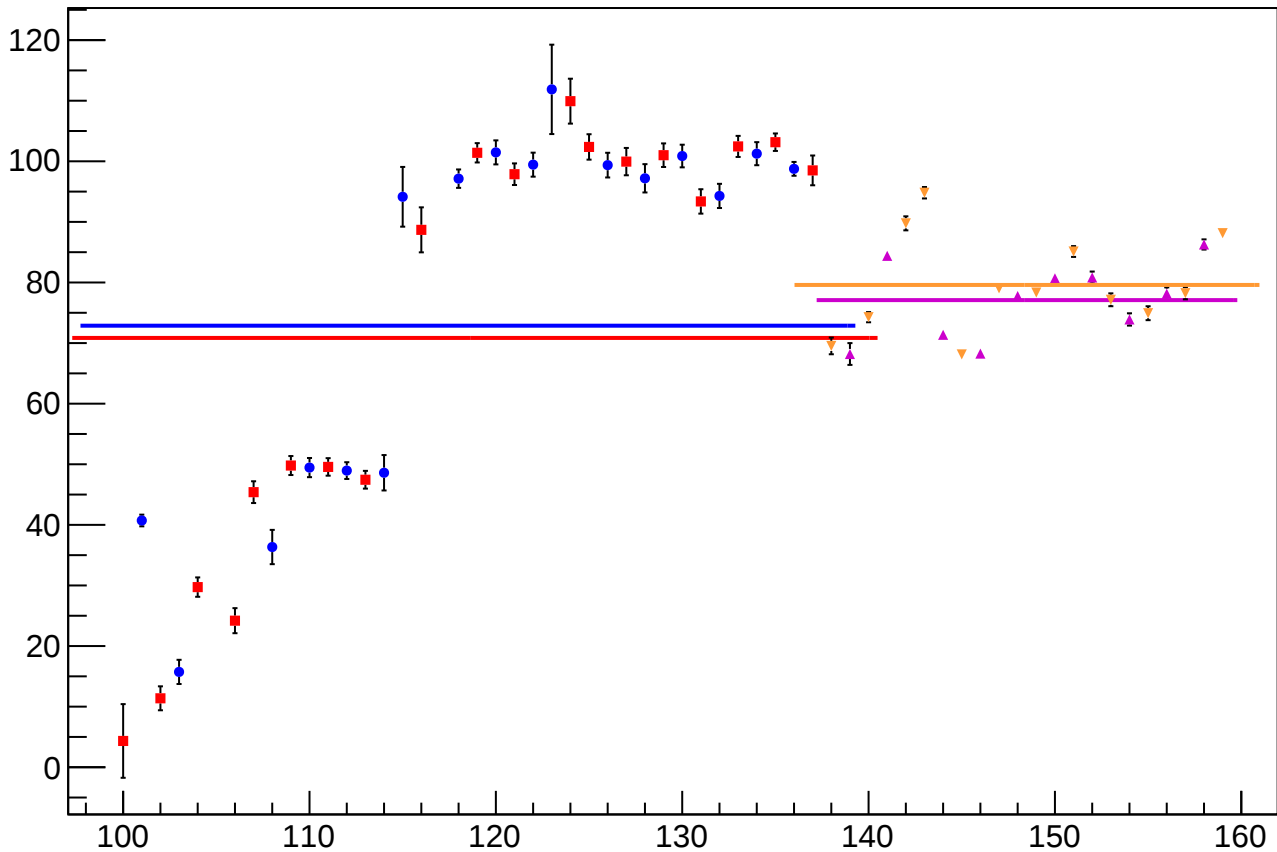
Left In: -47.424 ± 0.322 χ^2/NDF : 703.2/9

+ sign -41.036 ± 0.285 χ^2/NDF : 2708.8/28

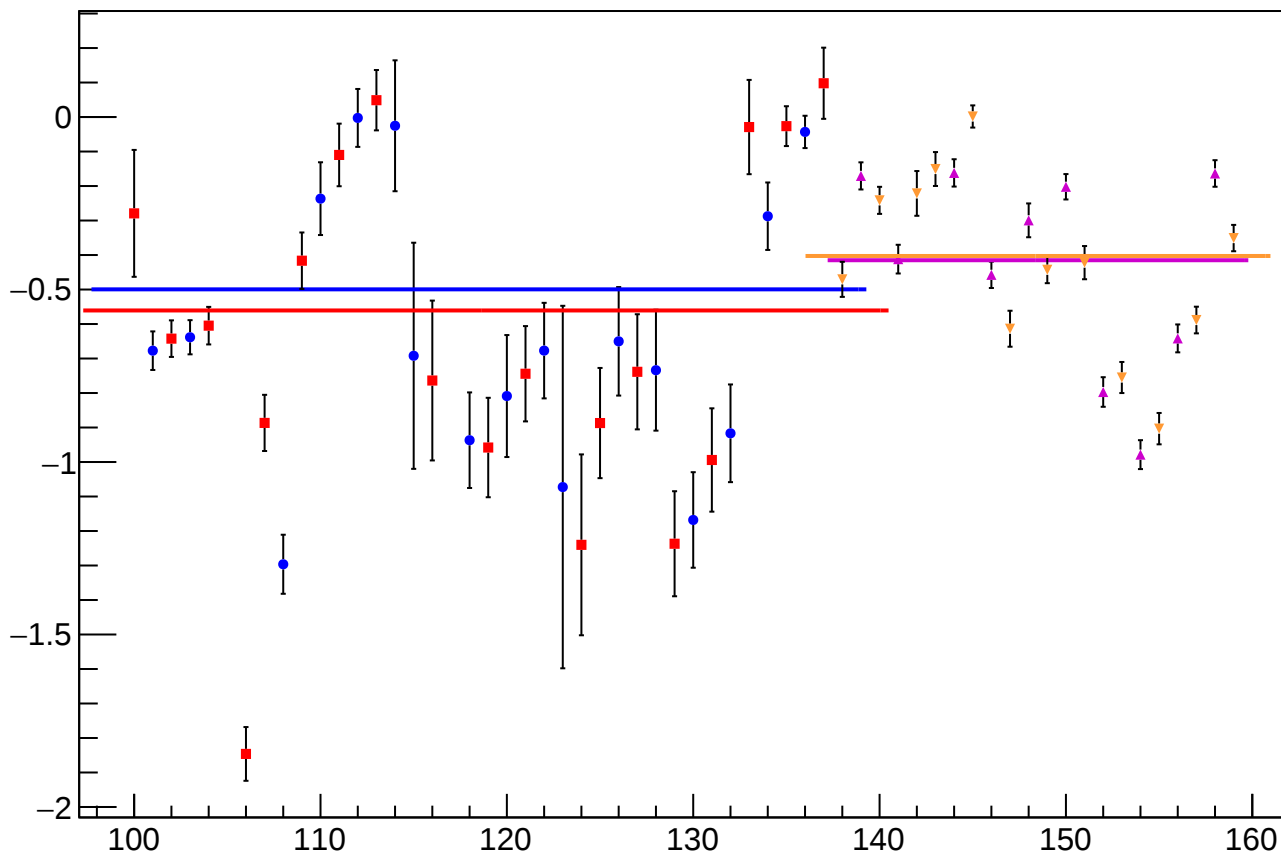
All: -41.314 ± 0.203 χ^2/NDF : 5523.0/57

- sign -41.597 ± 0.288 χ^2/NDF : 2812.3/28

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.500 $\pm$ 0.022 χ^2/NDF : 302.6/16

Left Out: -0.403 $\pm$ 0.012 χ^2/NDF : 435.6/11

Right Out: -0.561 $\pm$ 0.021 χ^2/NDF : 561.8/18

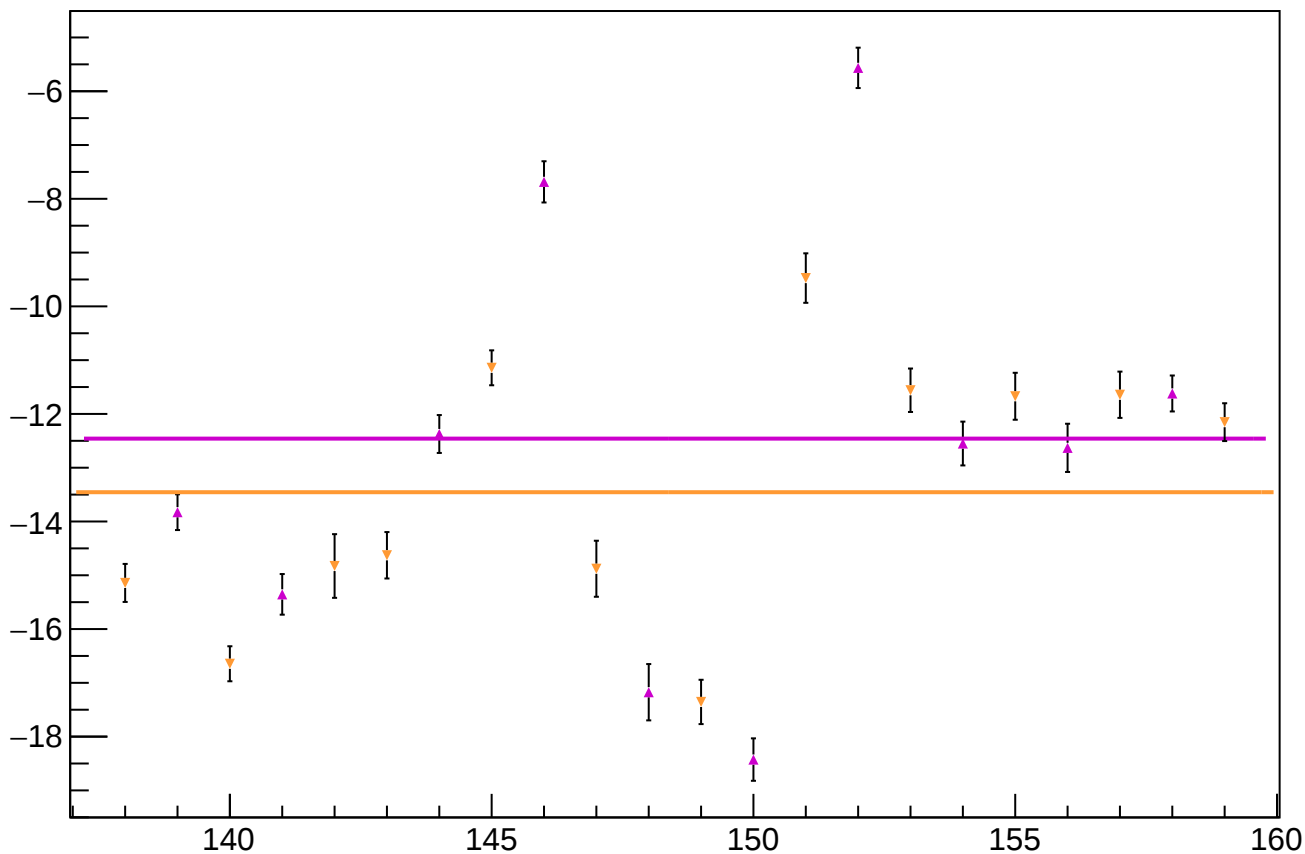
Left In: -0.415 $\pm$ 0.013 χ^2/NDF : 453.9/9

+ sign -0.426 $\pm$ 0.011 χ^2/NDF : 752.6/28

All: -0.439 $\pm$ 0.008 χ^2/NDF : 1805.6/57

- sign -0.453 $\pm$ 0.011 χ^2/NDF : 1049.8/28

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.455+/-0.116 χ^2/NDF : 424.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

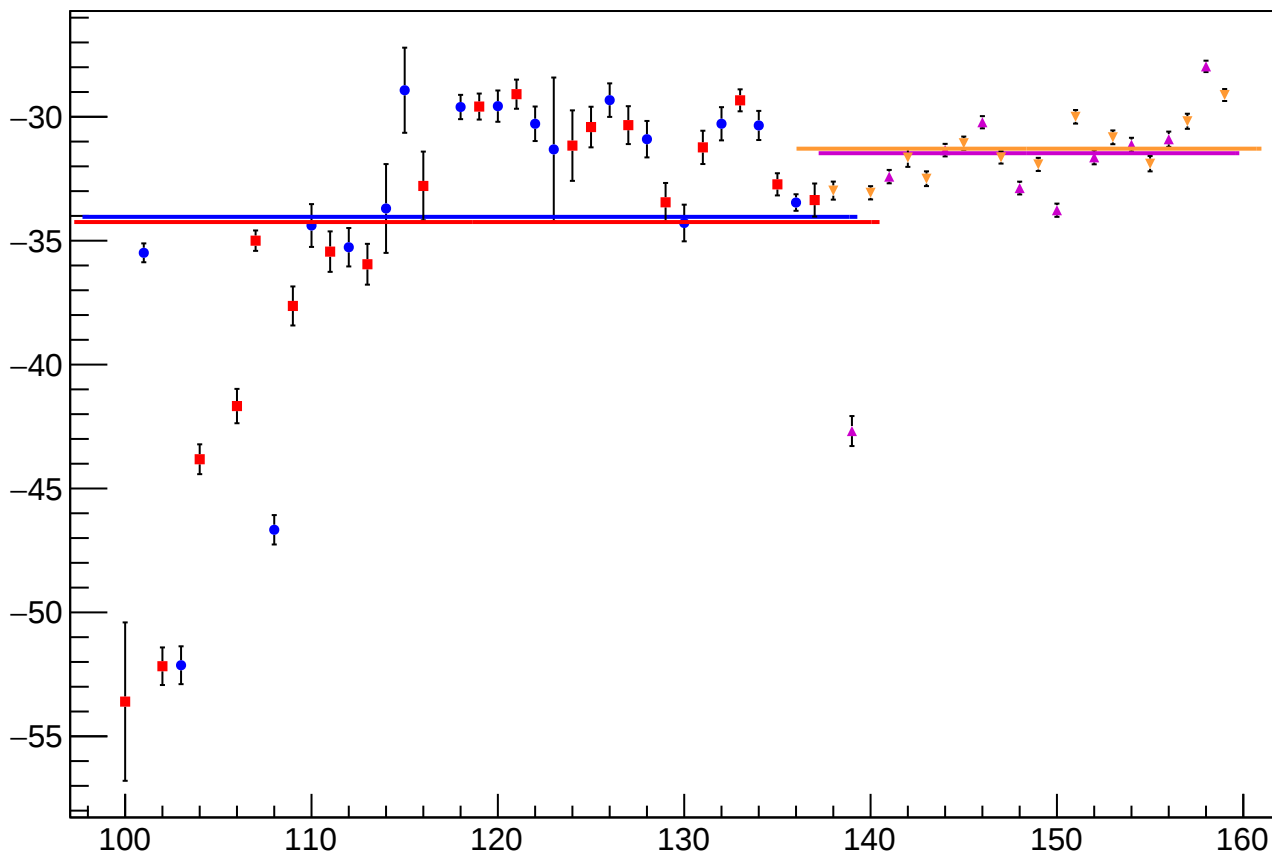
Left In: -12.459+/-0.121 χ^2/NDF : 884.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.979+/-0.084 χ^2/NDF : 1344.1/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.286 ± 0.082 χ^2/NDF : 213.8/11

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

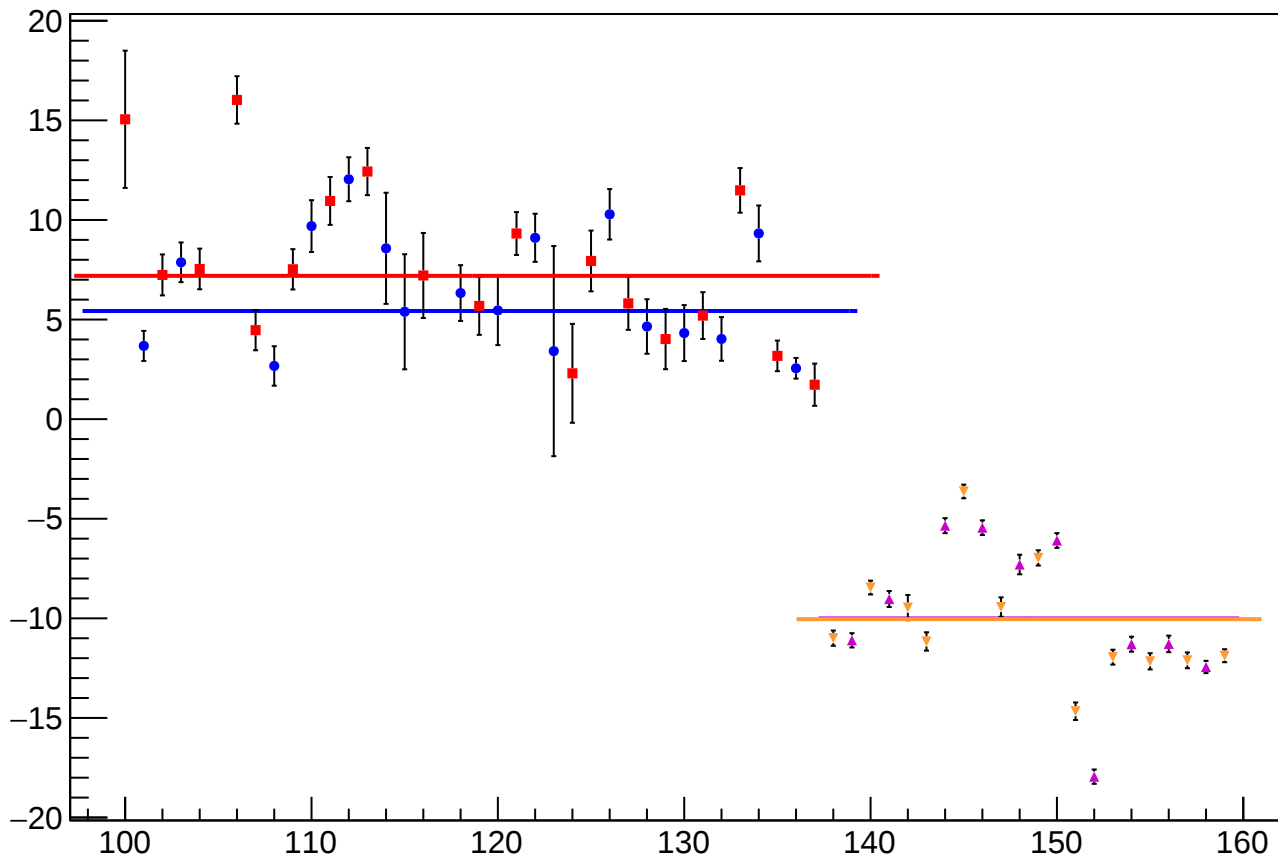
Left In: -31.470 ± 0.087 χ^2/NDF : 721.8/9

+ sign -31.914 ± 0.072 χ^2/NDF : 1813.4/28

All: -32.033 ± 0.052 χ^2/NDF : 4153.6/57

- sign -32.163 ± 0.075 χ^2/NDF : 2334.4/28

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -10.041 ± 0.115 χ^2/NDF : 670.6/11

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

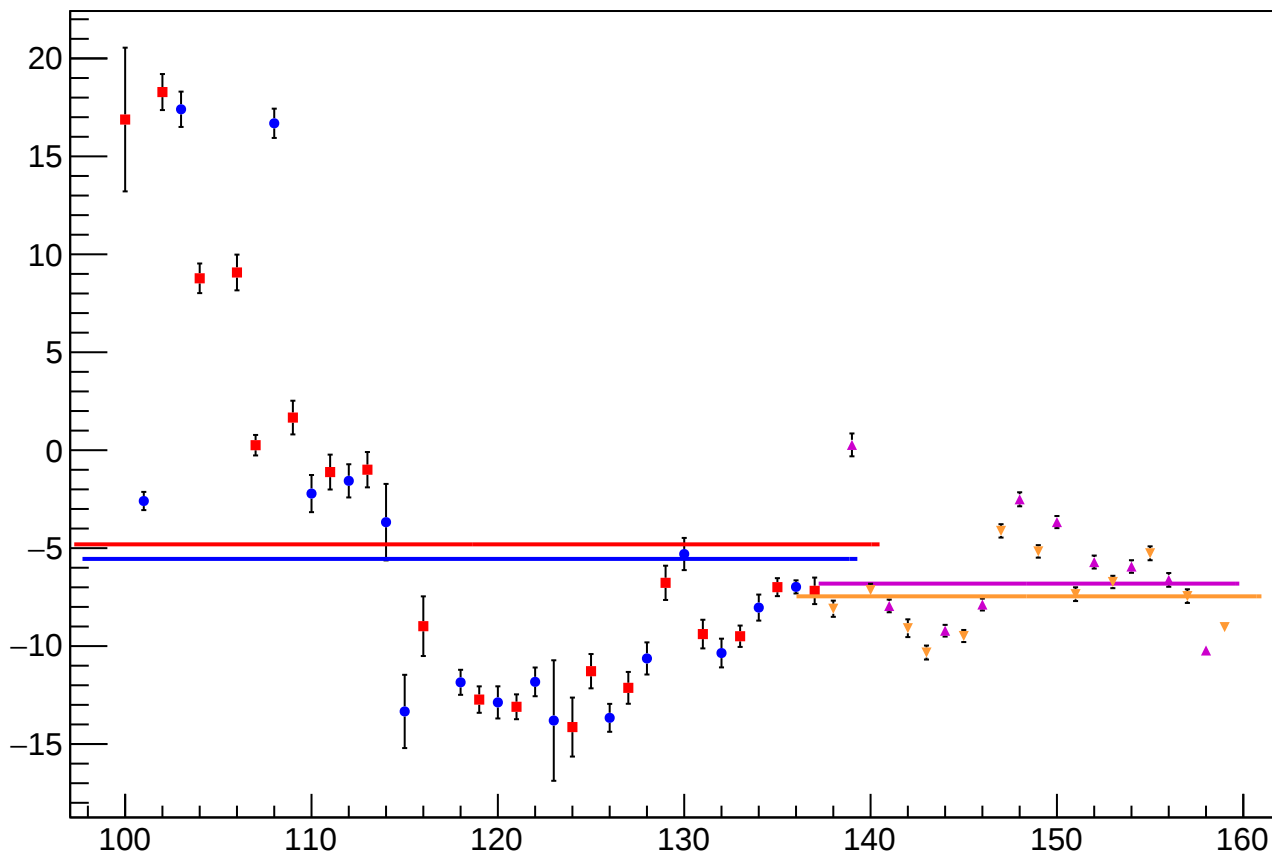
Left In: -10.003 ± 0.119 χ^2/NDF : 1036.6/9

+ sign -7.671 ± 0.106 χ^2/NDF : 3585.5/28

All: -7.483 ± 0.076 χ^2/NDF : 8126.4/57

- sign -7.283 ± 0.109 χ^2/NDF : 4534.3/28

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.460 ± 0.097 χ^2/NDF : 352.9/11

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

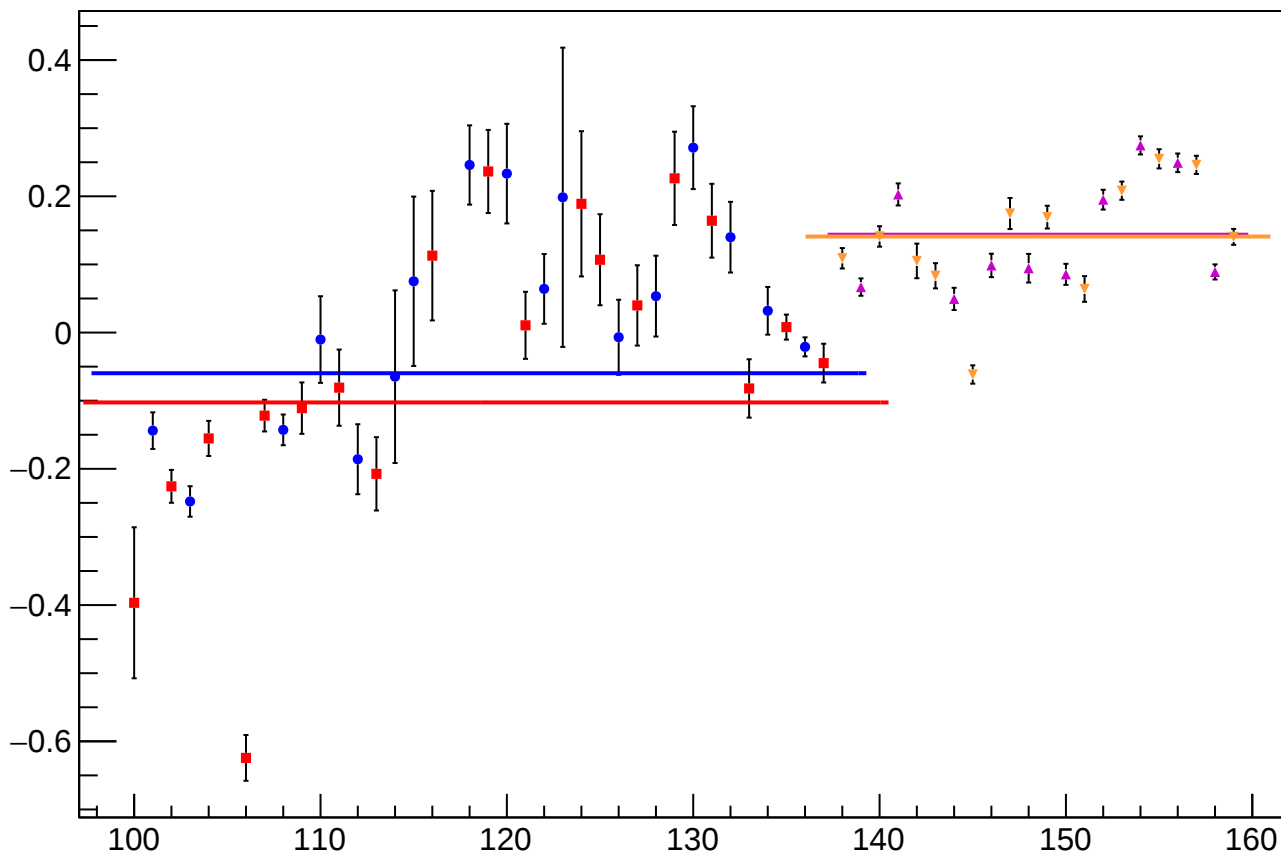
Left In: -6.811 ± 0.102 χ^2/NDF : 700.8/9

+ sign -6.993 ± 0.084 χ^2/NDF : 2574.8/28

All: -6.658 ± 0.061 χ^2/NDF : 5456.9/57

- sign -6.294 ± 0.088 χ^2/NDF : 2849.0/28

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.141 ± 0.004 χ^2/NDF : 417.4/11

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

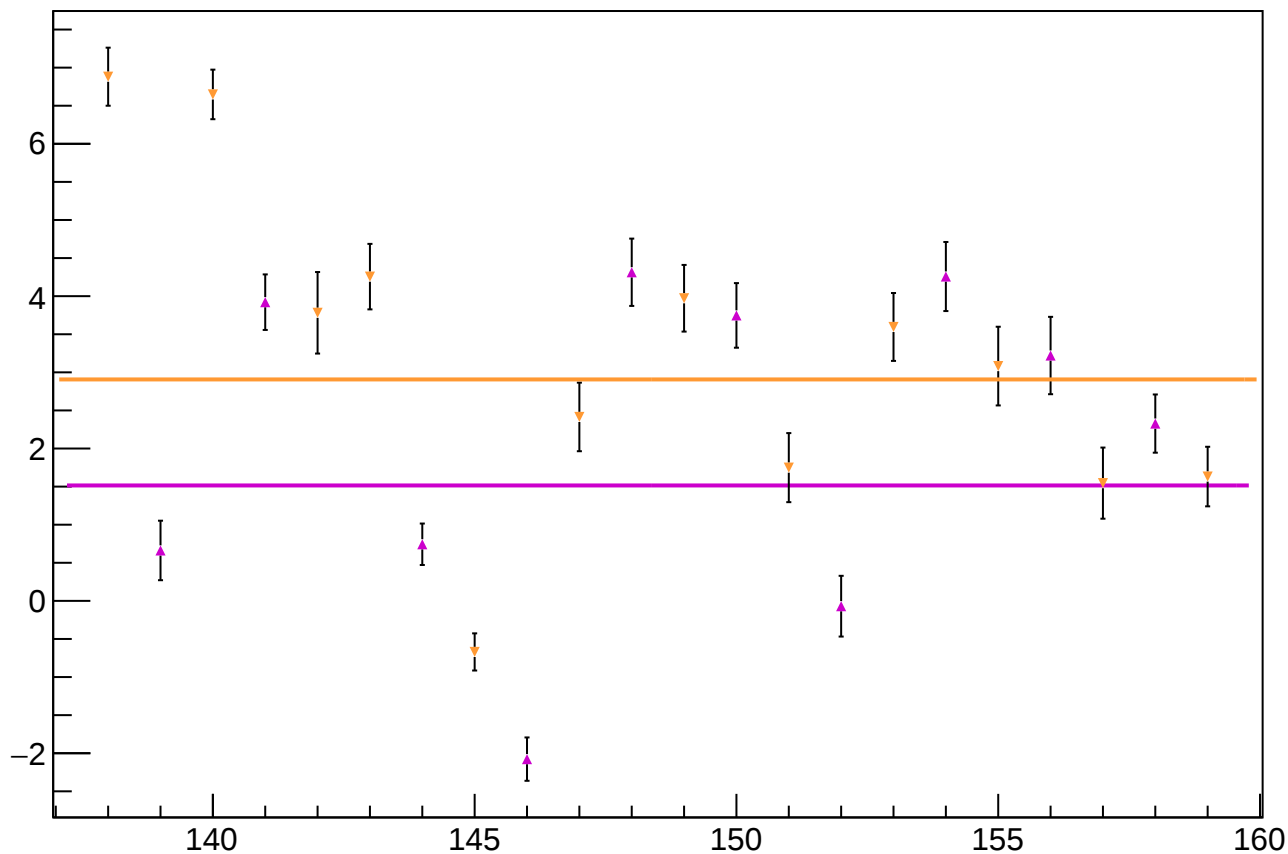
Left In: 0.144 ± 0.005 χ^2/NDF : 303.7/9

+ sign 0.097 ± 0.004 χ^2/NDF : 1080.5/28

All: 0.092 ± 0.003 χ^2/NDF : 2481.9/57

- sign 0.087 ± 0.004 χ^2/NDF : 1398.3/28

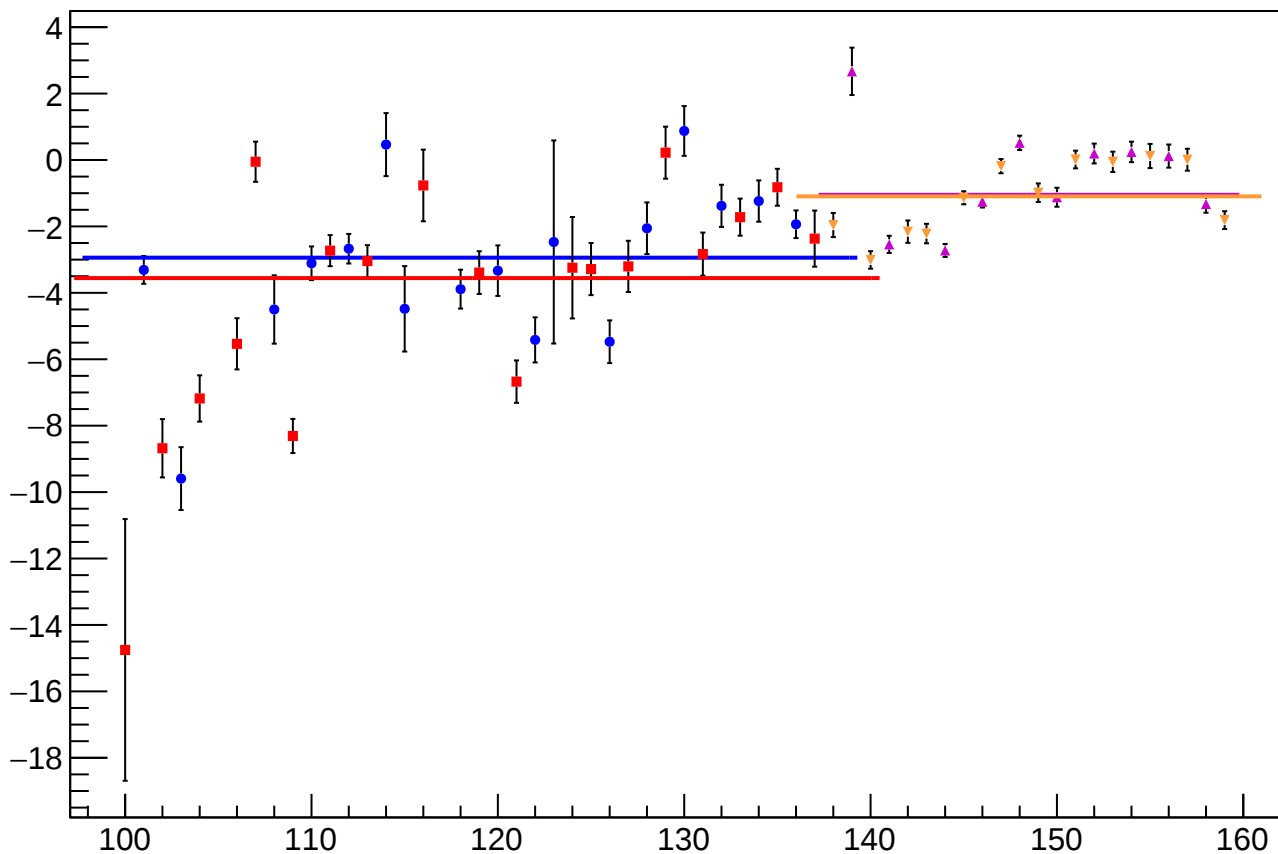
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.907+/-0.114 χ^2/NDF : 504.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.515+/-0.117 χ^2/NDF : 351.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.232+/-0.082 χ^2/NDF : 928.2/21
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.096 ± 0.079 χ^2/NDF : 159.4/11

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

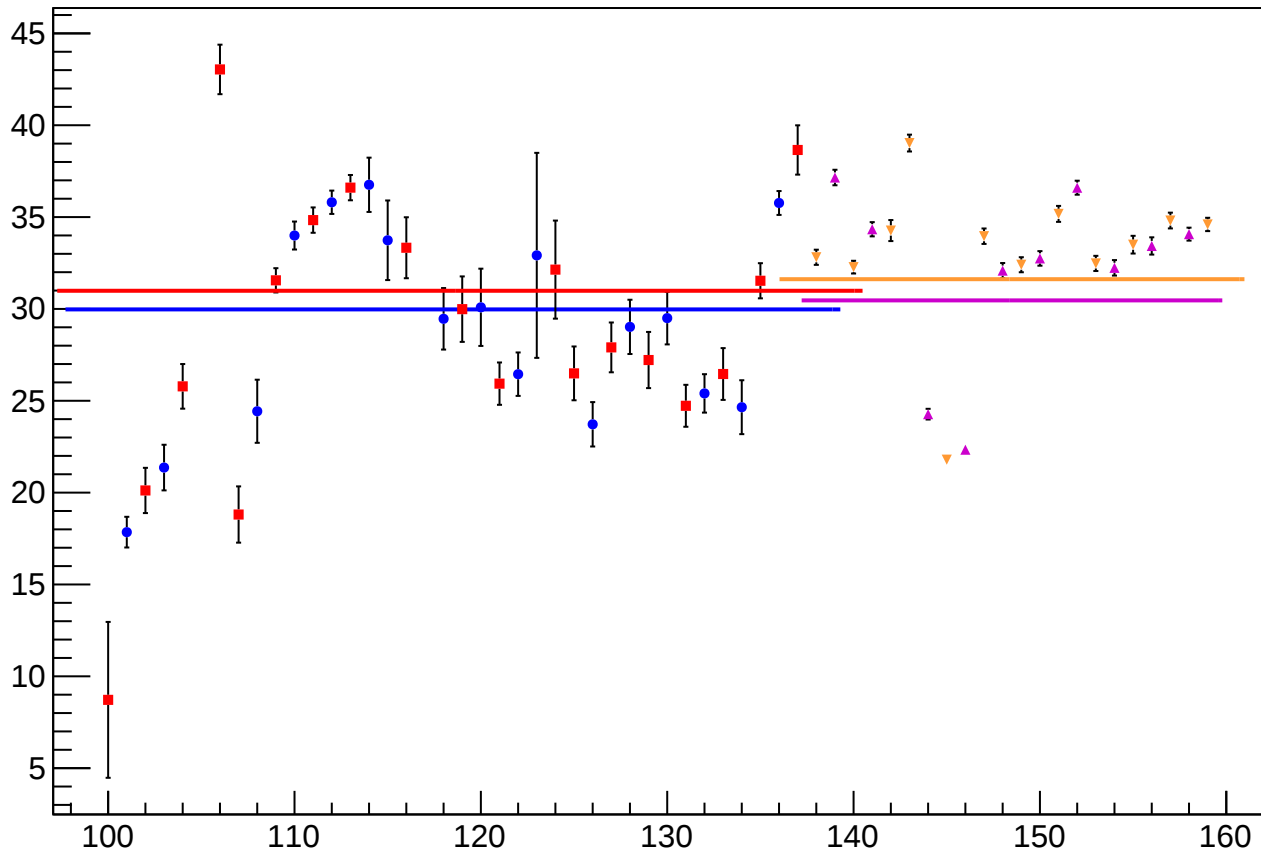
Left In: -1.049 ± 0.080 χ^2/NDF : 236.3/9

+ sign -1.483 ± 0.071 χ^2/NDF : 418.1/28

All: -1.532 ± 0.050 χ^2/NDF : 1154.2/57

- sign -1.583 ± 0.071 χ^2/NDF : 735.0/28

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 31.619 ± 0.114 $\chi^2/\text{NDF}: 1969.9/11$

Right Out: 30.989 ± 0.260 $\chi^2/\text{NDF}: 481.0/18$

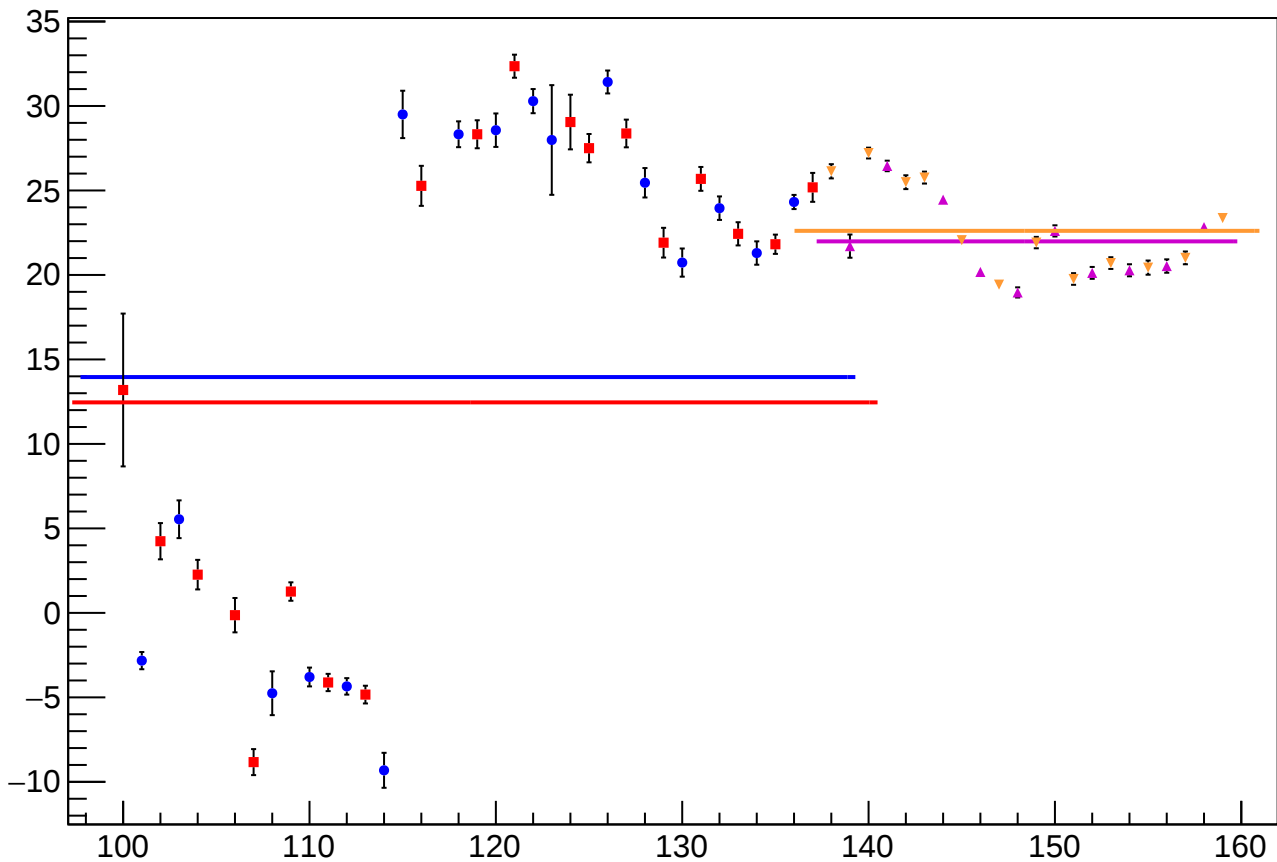
Left In: 30.465 ± 0.116 $\chi^2/\text{NDF}: 2157.2/9$

+ sign 31.366 ± 0.105 $\chi^2/\text{NDF}: 2555.9/28$

All: 30.962 ± 0.074 $\chi^2/\text{NDF}: 5227.4/57$

- sign 30.552 ± 0.106 $\chi^2/\text{NDF}: 2641.6/28$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.611 $\pm$ 0.095 χ^2 /NDF: 684.1/11

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

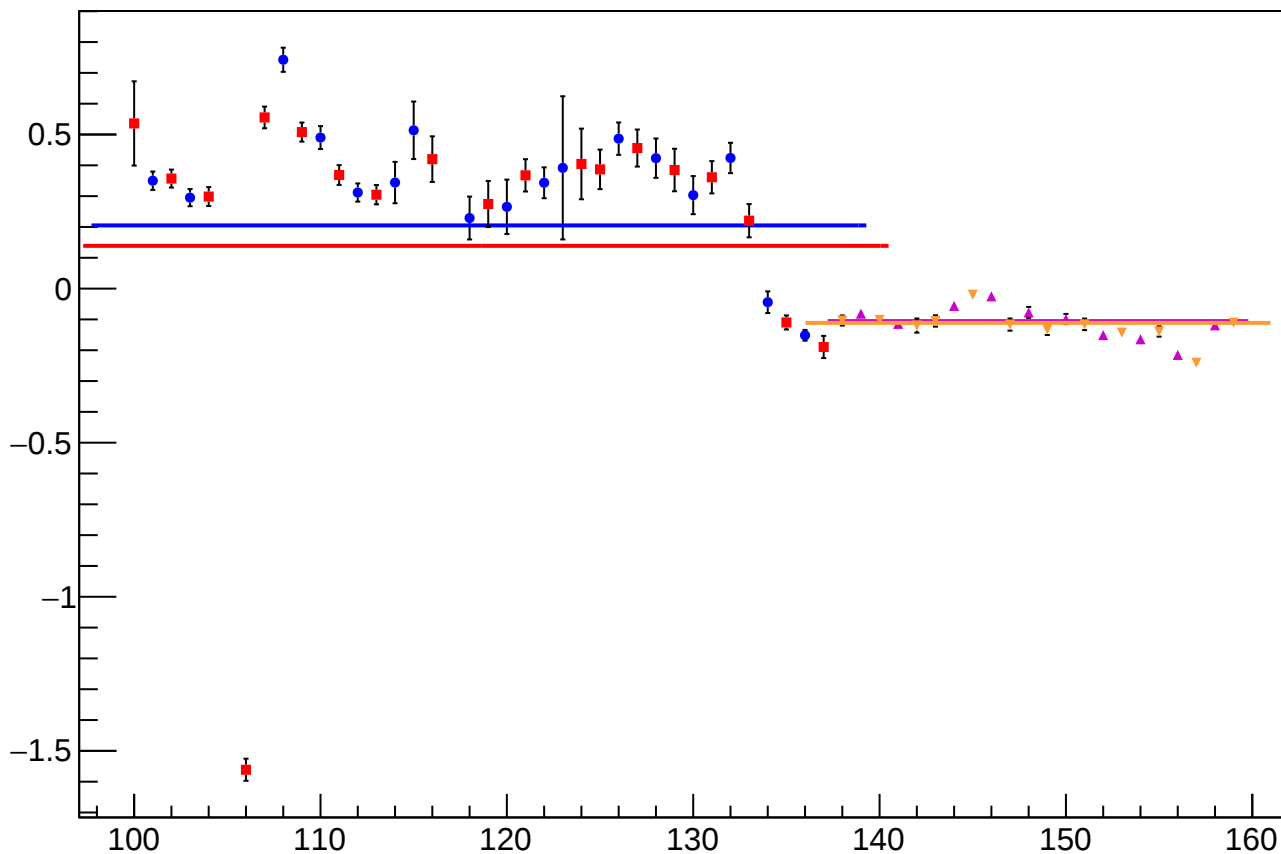
Left In: 21.987 $\pm$ 0.096 χ^2 /NDF: 565.8/9

+ sign 20.598 $\pm$ 0.083 χ^2 /NDF: 9968.5/28

All: 20.174 $\pm$ 0.059 χ^2 /NDF: 19868.5/57

- sign 19.738 $\pm$ 0.084 χ^2 /NDF: 9847.3/28

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.111 ± 0.004 χ^2/NDF : 170.4/11

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.4/18

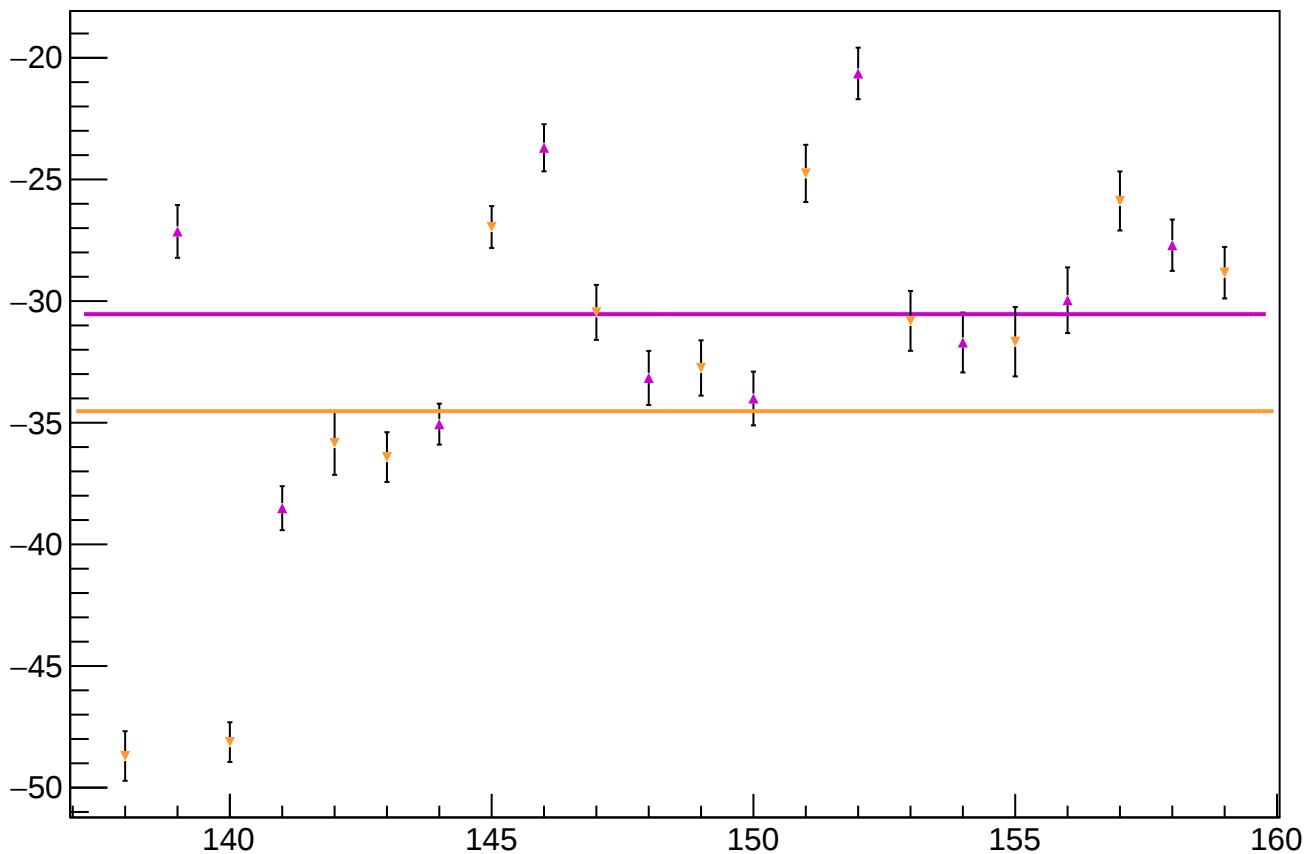
Left In: -0.106 ± 0.005 χ^2/NDF : 137.1/9

+ sign -0.053 ± 0.004 χ^2/NDF : 1944.8/28

All: -0.054 ± 0.003 χ^2/NDF : 5662.5/57

- sign -0.056 ± 0.004 χ^2/NDF : 3717.3/28

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.524+/-0.311 χ^2/NDF : 729.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

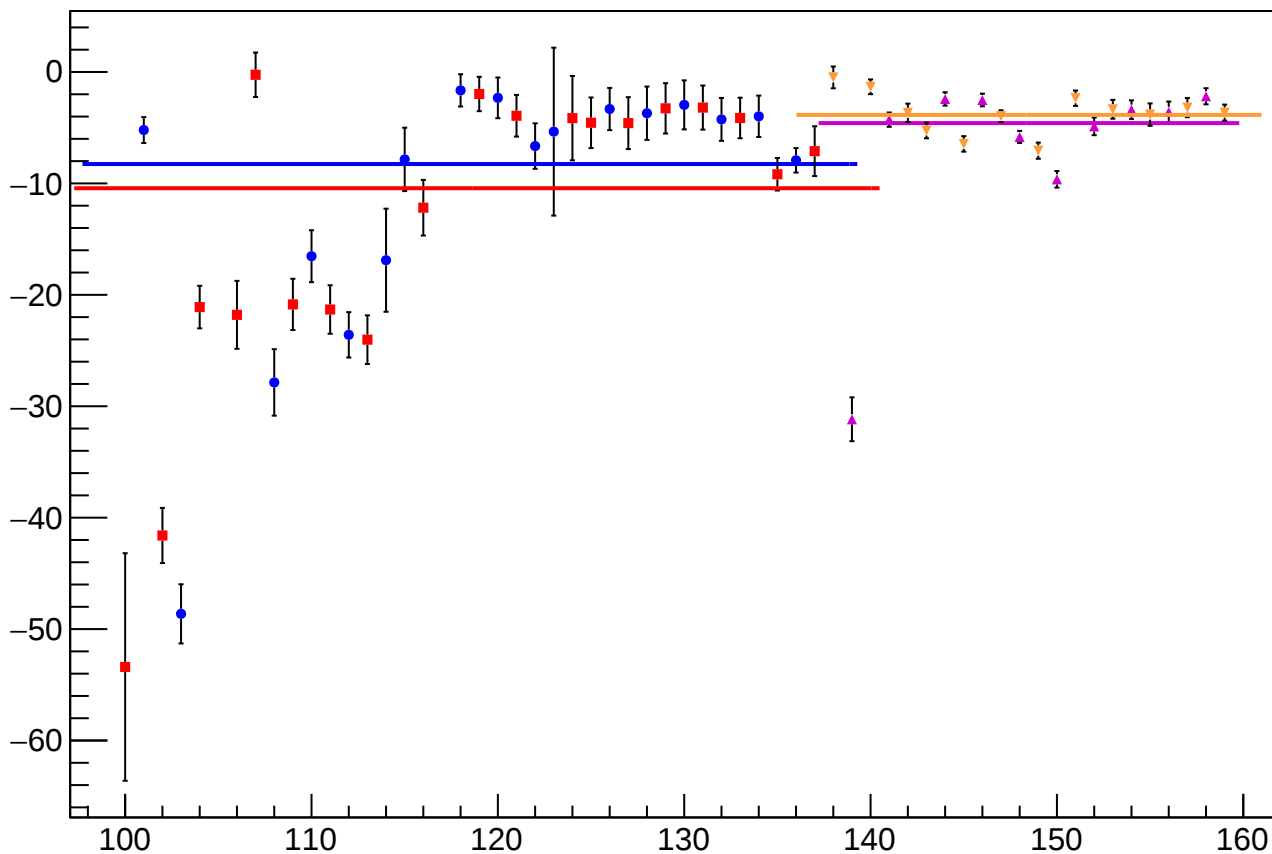
Left In: -30.537+/-0.330 χ^2/NDF : 277.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.649+/-0.226 χ^2/NDF : 1084.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.852 ± 0.213 χ^2/NDF : 69.7/11

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

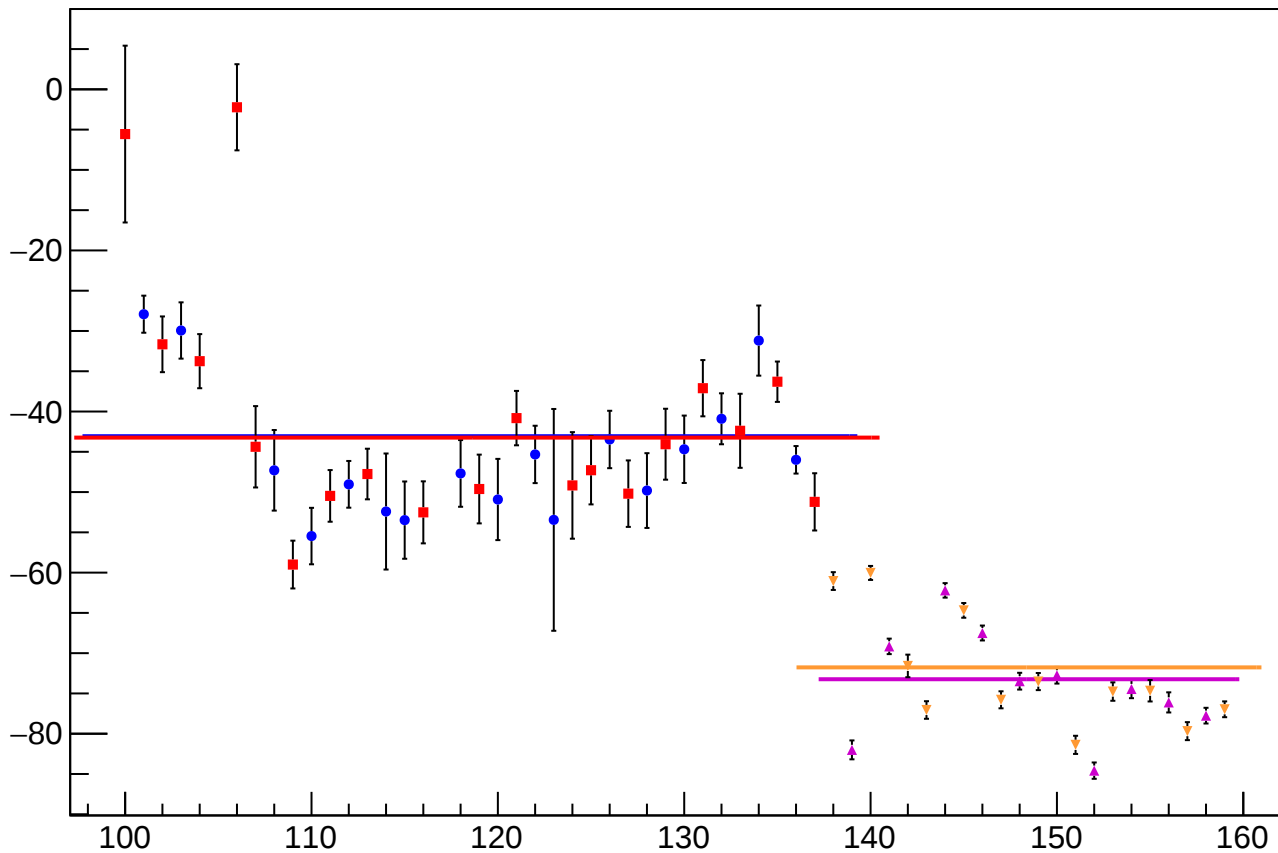
Left In: -4.586 ± 0.224 χ^2/NDF : 274.4/9

+ sign -4.624 ± 0.194 χ^2/NDF : 556.5/28

All: -5.084 ± 0.140 χ^2/NDF : 1389.1/57

- sign -5.595 ± 0.204 χ^2/NDF : 820.7/28

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.064 ± 0.835 χ^2/NDF : 99.0/16

Left Out: -71.765 ± 0.310 χ^2/NDF : 539.5/11

Right Out: -43.237 ± 0.866 χ^2/NDF : 154.2/18

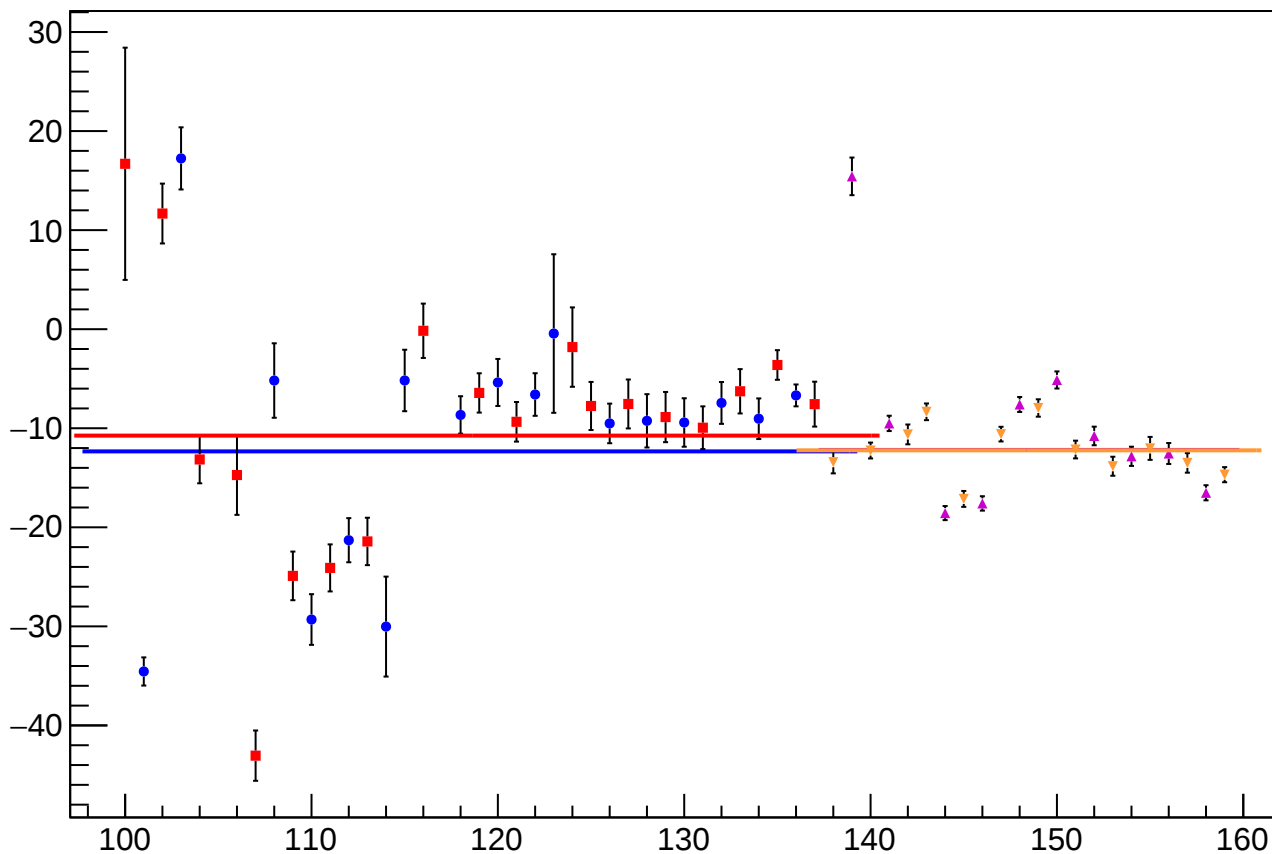
Left In: -73.236 ± 0.324 χ^2/NDF : 416.0/9

+ sign -68.297 ± 0.290 χ^2/NDF : 1676.5/28

All: -68.892 ± 0.210 χ^2/NDF : 3307.6/57

- sign -69.544 ± 0.304 χ^2/NDF : 1622.4/28

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -12.229 ± 0.256 χ^2/NDF : 105.8/11

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

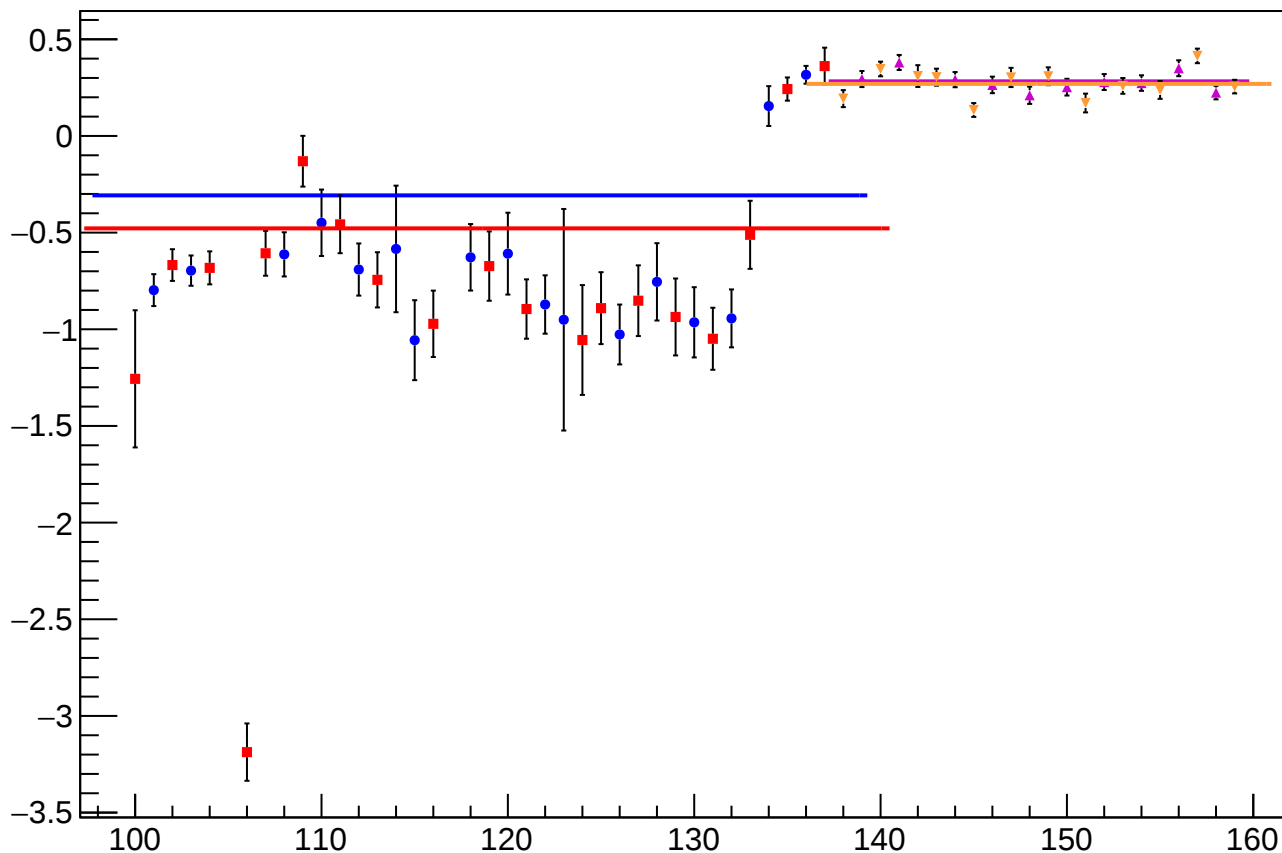
Left In: -12.190 ± 0.270 χ^2/NDF : 498.1/9

+ sign -12.250 ± 0.230 χ^2/NDF : 581.0/28

All: -12.090 ± 0.167 χ^2/NDF : 1452.5/57

- sign -11.912 ± 0.243 χ^2/NDF : 870.6/28

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.269 ± 0.012 χ^2/NDF : 43.2/11

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

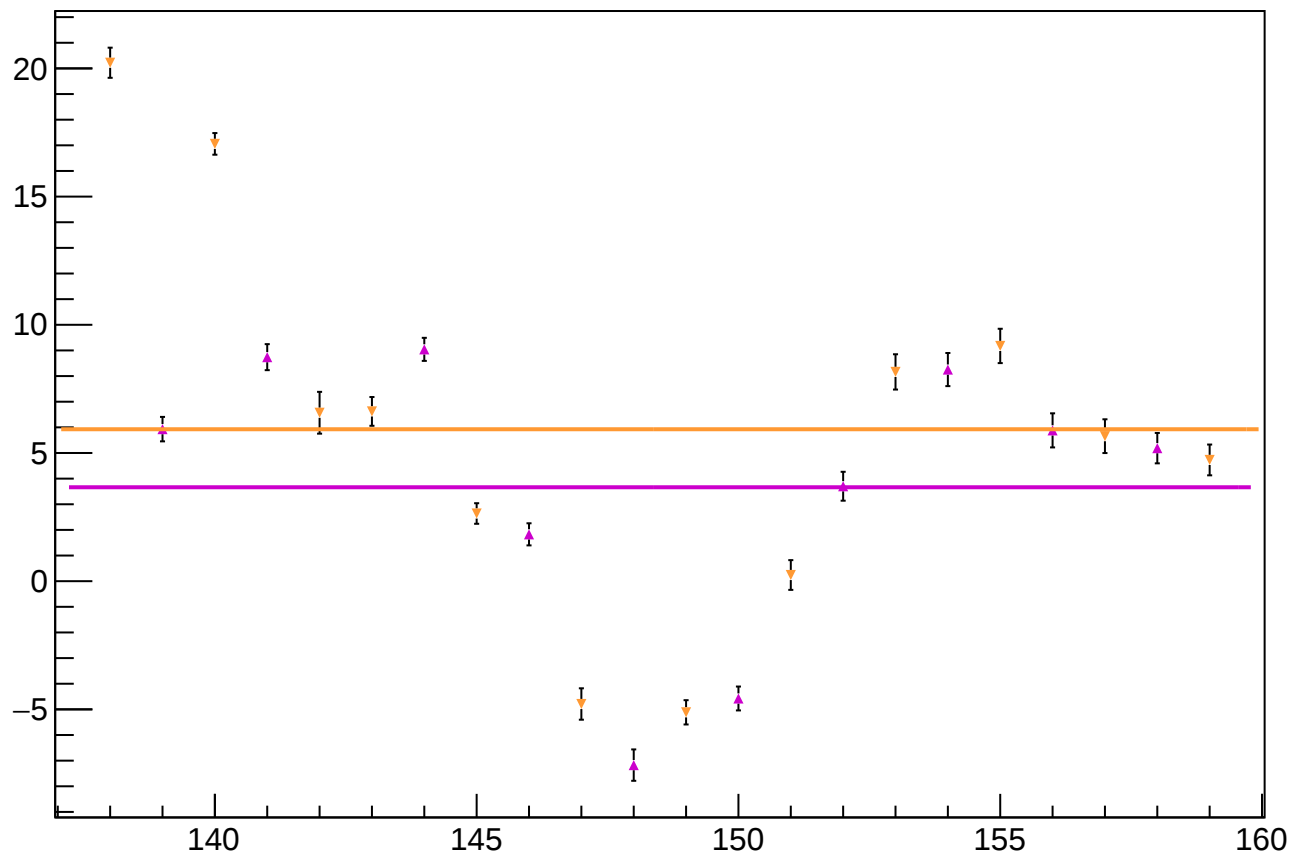
Left In: 0.282 ± 0.013 χ^2/NDF : 15.2/9

+ sign 0.174 ± 0.011 χ^2/NDF : 782.1/28

All: 0.165 ± 0.008 χ^2/NDF : 2021.4/57

- sign 0.155 ± 0.012 χ^2/NDF : 1237.8/28

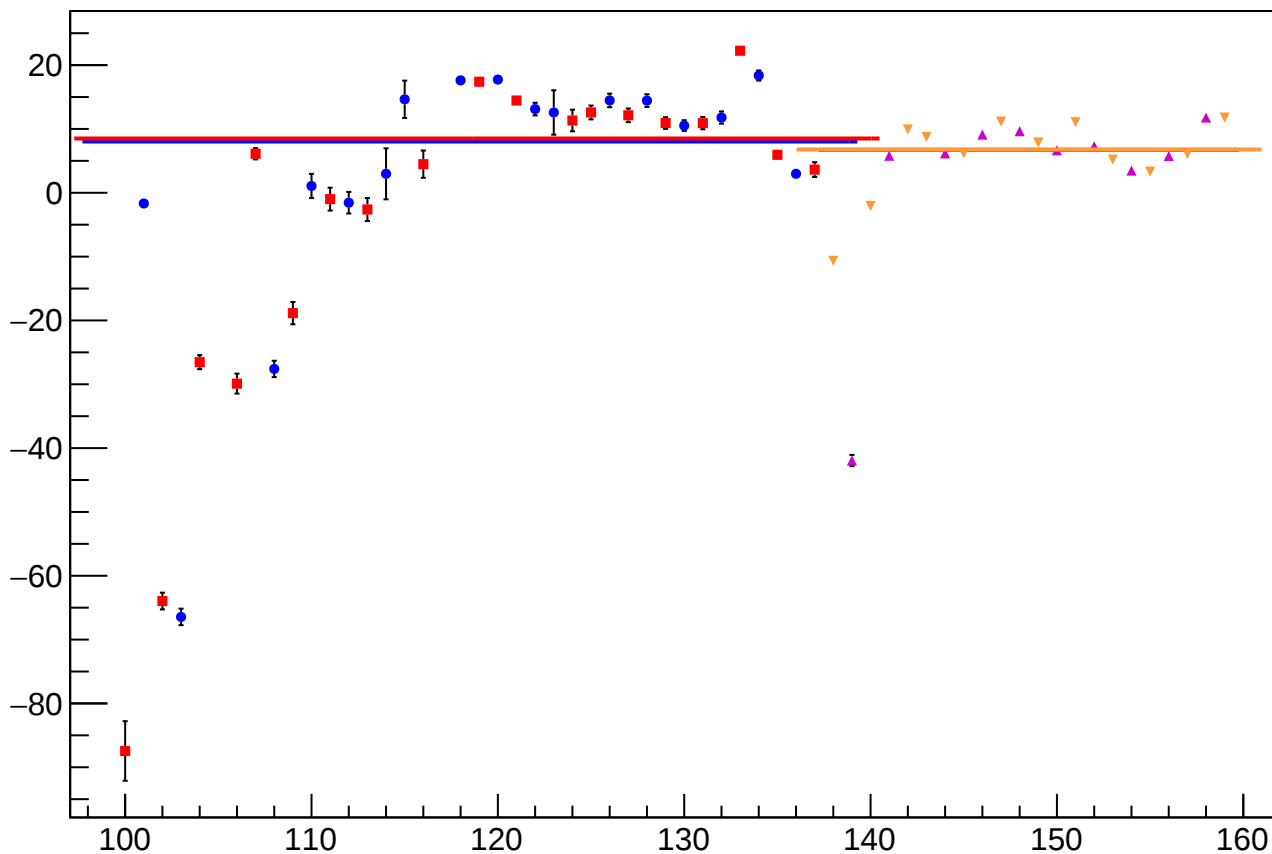
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.926 $\pm$ 0.160 χ^2 /NDF:2339.9/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.663 $\pm$ 0.165 χ^2 /NDF:978.3/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 4.830 $\pm$ 0.115 χ^2 /NDF: 3414.7/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 6.780 ± 0.111 $\chi^2/\text{NDF}: 2164.0/11$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

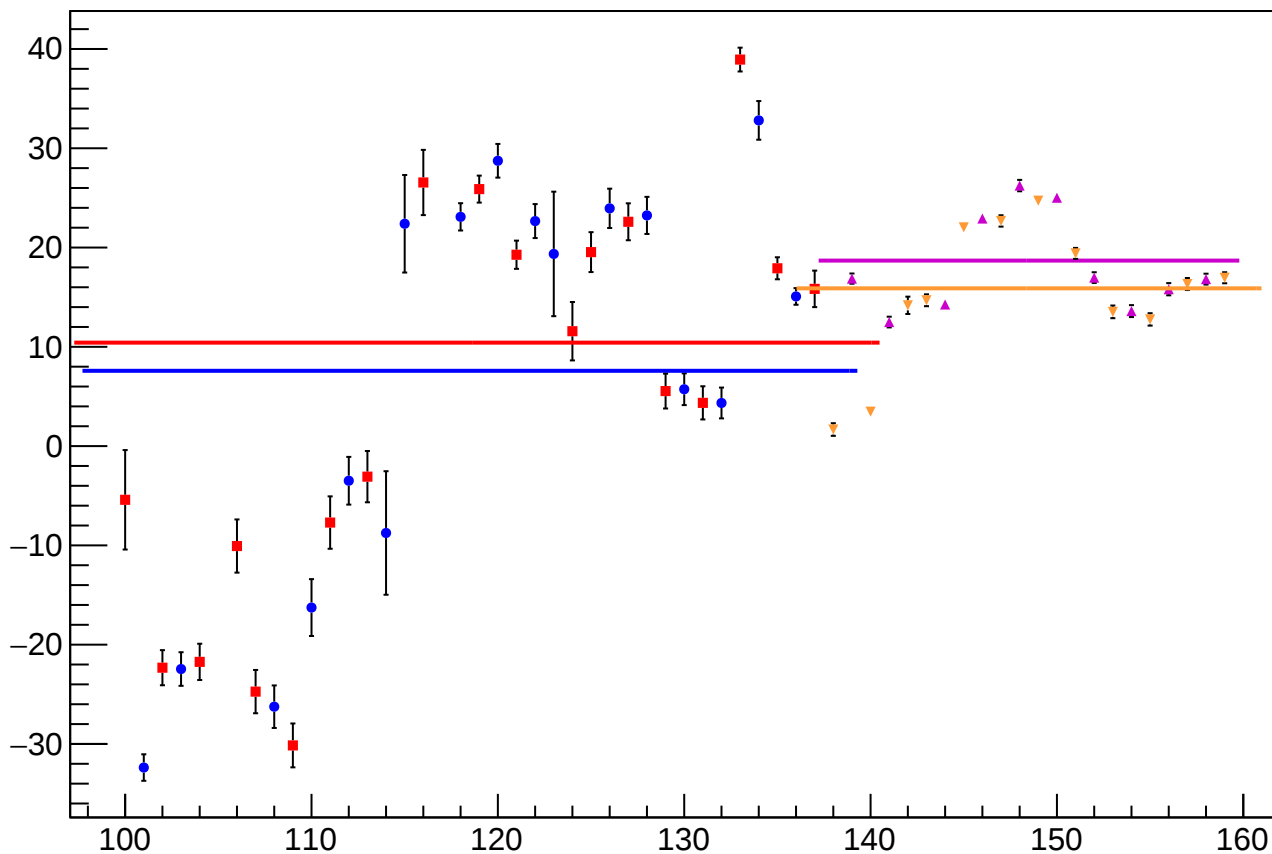
Left In: 6.724 ± 0.116 $\chi^2/\text{NDF}: 3453.9/9$

+ sign 7.045 ± 0.099 $\chi^2/\text{NDF}: 7561.0/28$

All: 7.088 ± 0.071 $\chi^2/\text{NDF}: 17782.8/57$

- sign 7.134 ± 0.102 $\chi^2/\text{NDF}: 10221.3/28$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.585 $\pm$ 0.416 χ^2/NDF : 2322.7/16

Left Out: 15.892 $\pm$ 0.159 χ^2/NDF : 2099.7/11

Right Out: 10.422 $\pm$ 0.416 χ^2/NDF : 2289.5/18

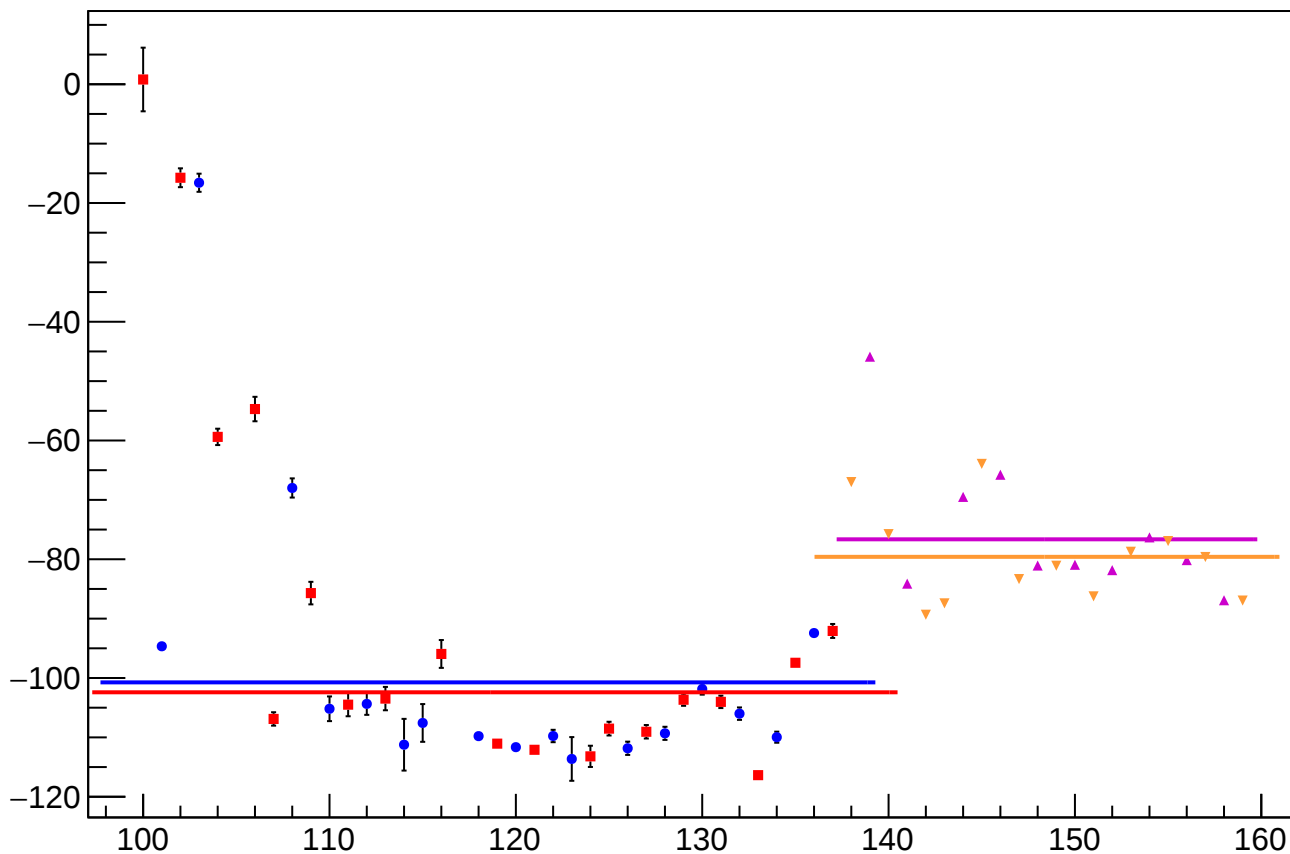
Left In: 18.686 $\pm$ 0.163 χ^2/NDF : 832.8/9

+ sign 14.832 $\pm$ 0.149 χ^2/NDF : 4769.9/28

All: 16.187 $\pm$ 0.106 χ^2/NDF : 8403.4/57

- sign 17.591 $\pm$ 0.151 χ^2/NDF : 3464.5/28

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -79.593 ± 0.133 χ^2/NDF : 3306.6/11

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

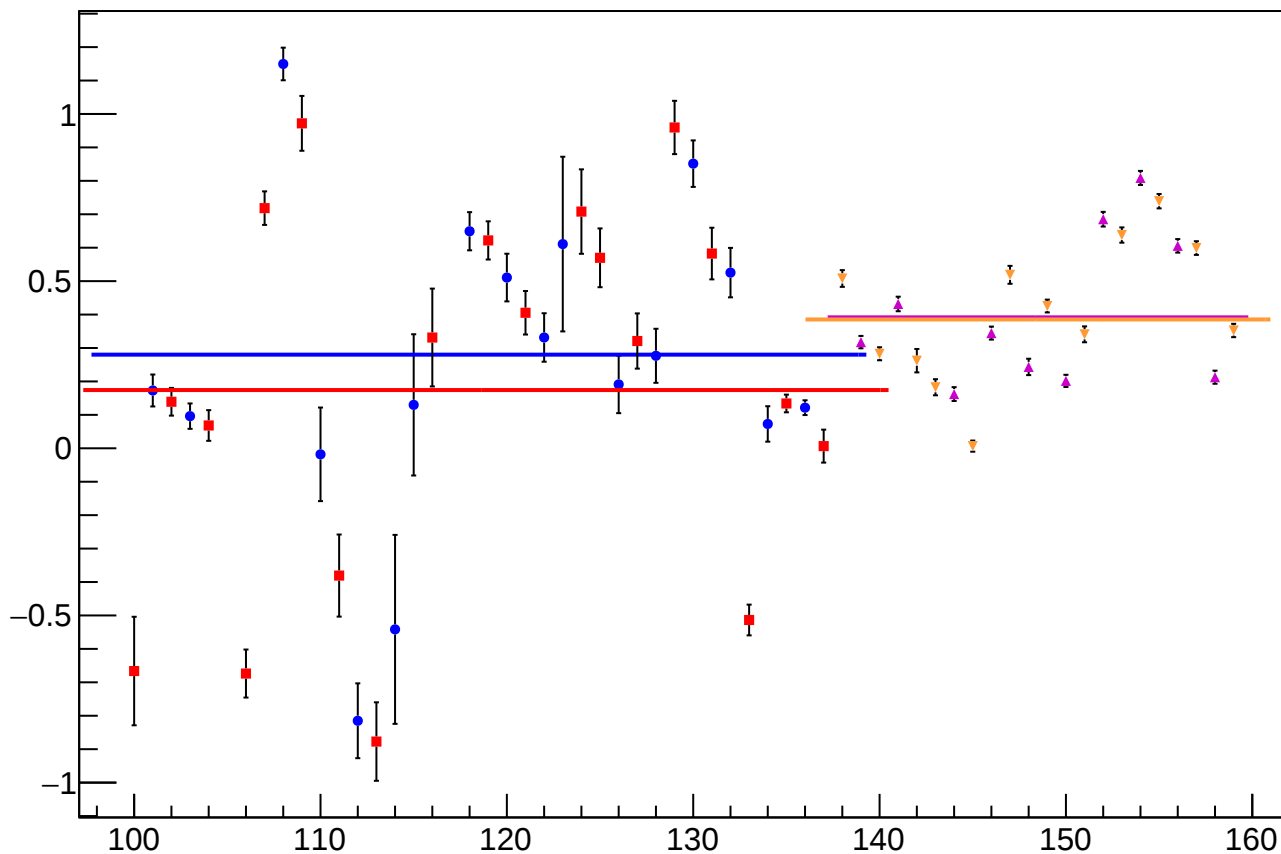
Left In: -76.643 ± 0.139 χ^2/NDF : 3936.2/9

+ sign -84.320 ± 0.117 χ^2/NDF : 13456.8/28

All: -83.606 ± 0.084 χ^2/NDF : 31892.8/57

- sign -82.852 ± 0.121 χ^2/NDF : 18360.0/28

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 $\pm$ 0.013 χ^2/NDF : 656.4/16

Left Out: 0.385 $\pm$ 0.006 χ^2/NDF : 1188.7/11

Right Out: 0.174 $\pm$ 0.013 χ^2/NDF : 964.1/18

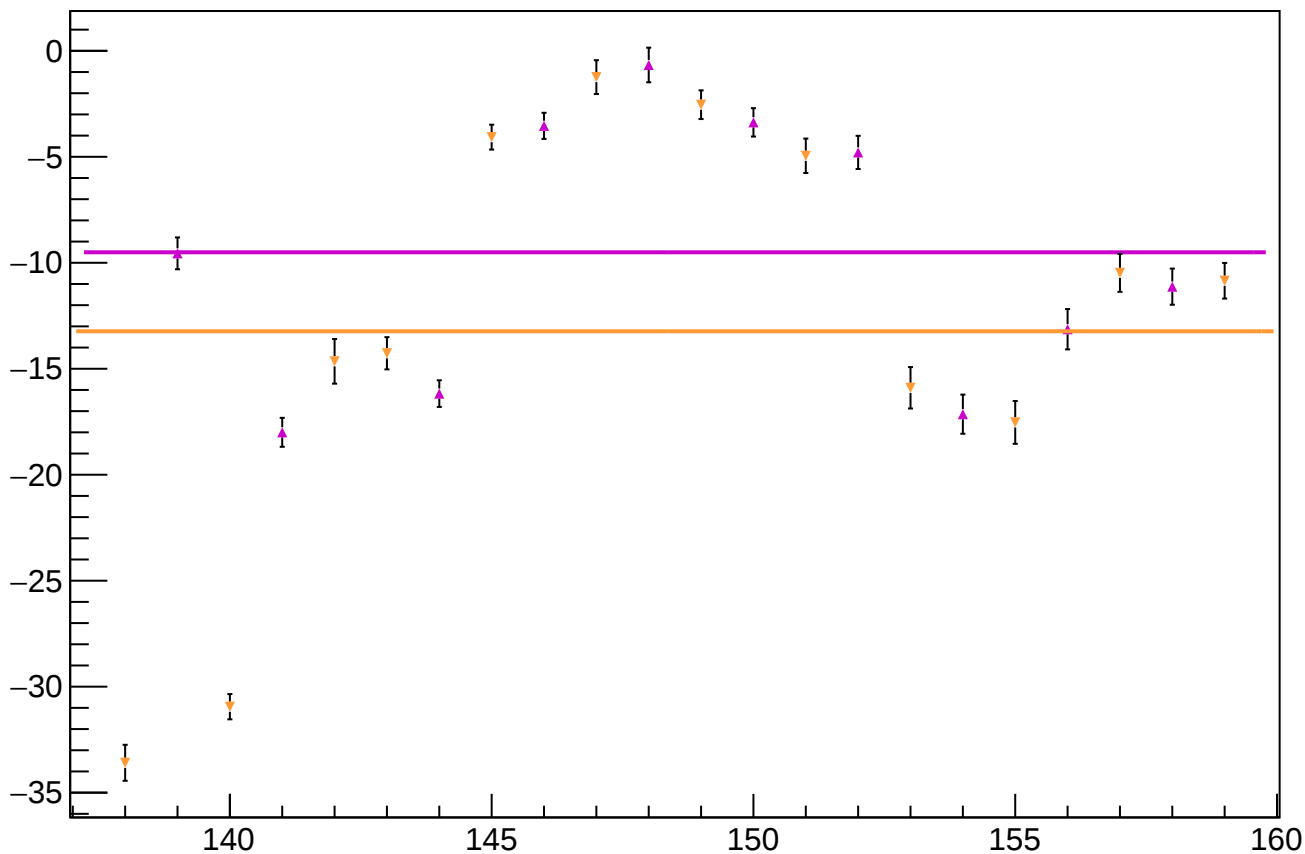
Left In: 0.392 $\pm$ 0.006 χ^2/NDF : 1059.7/9

+ sign 0.366 $\pm$ 0.006 χ^2/NDF : 1895.1/28

All: 0.359 $\pm$ 0.004 χ^2/NDF : 4135.4/57

- sign 0.351 $\pm$ 0.006 χ^2/NDF : 2236.6/28

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -13.231 $\pm$ 0.225 χ^2 /NDF: 2328.0/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

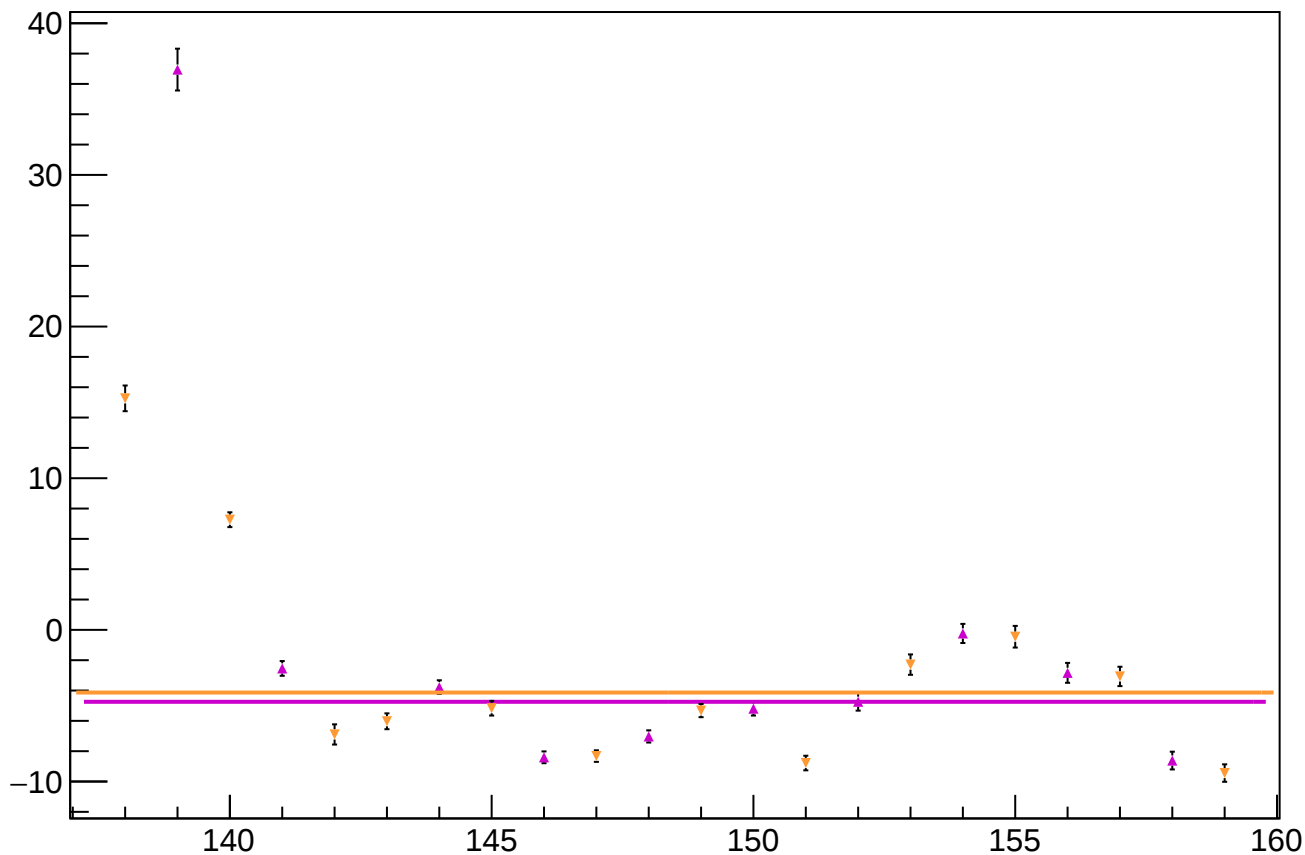
Left In: -9.505 $\pm$ 0.235 χ^2 /NDF: 684.6/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.447 $\pm$ 0.163 χ^2 /NDF: 3143.6/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.133+/-0.155 χ^2/NDF : 1446.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

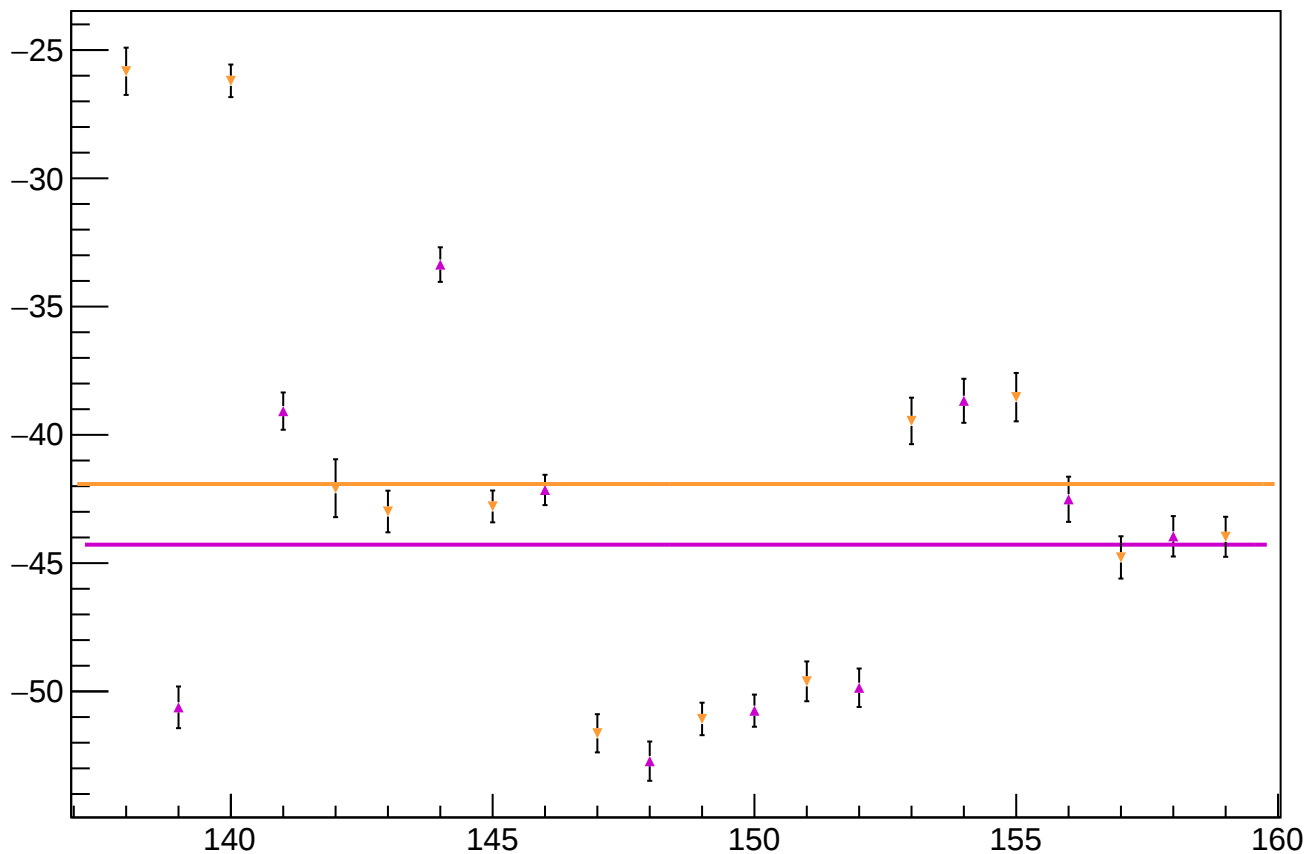
Left In: -4.744+/-0.162 χ^2/NDF : 1164.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.423+/-0.112 χ^2/NDF : 2617.5/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.917+/-0.224 χ^2/NDF :1438.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

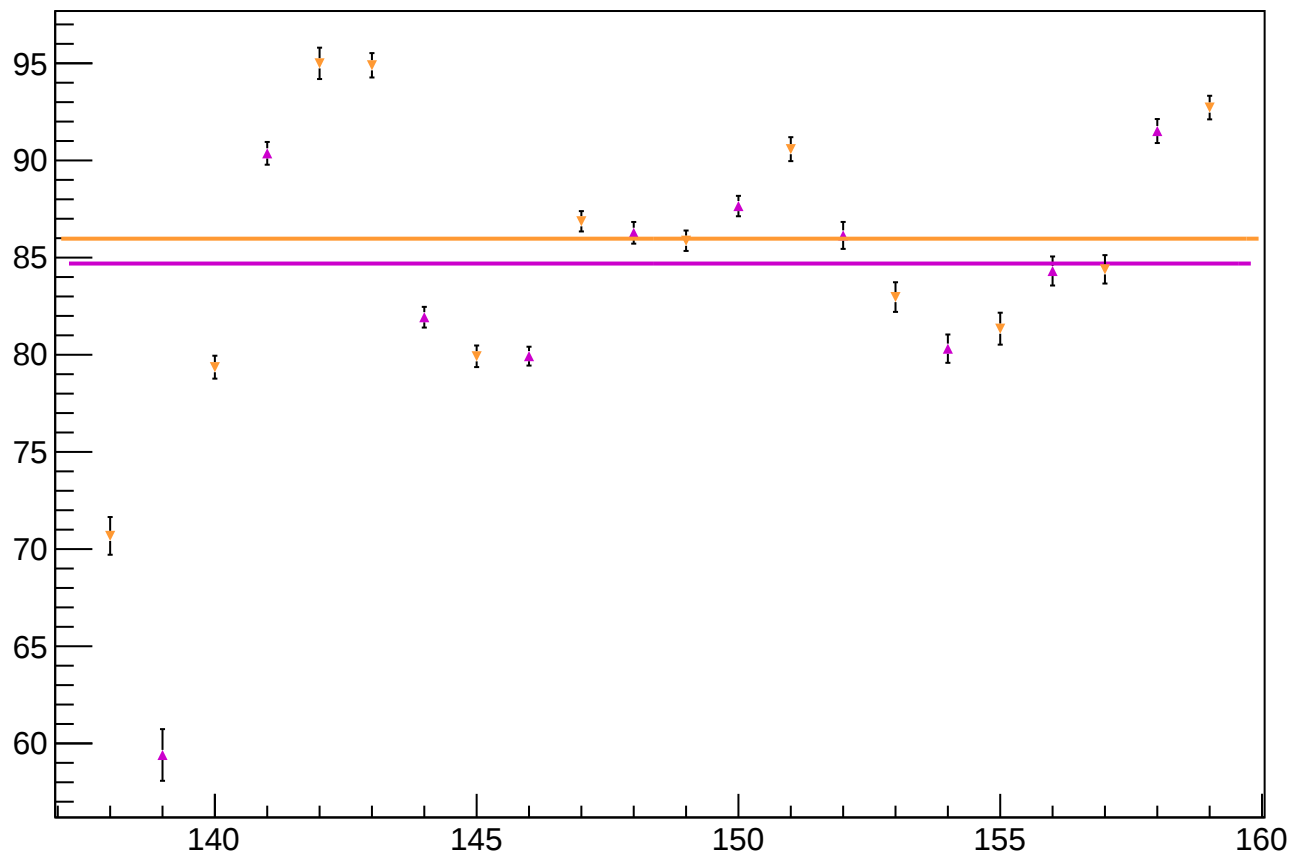
Left In: -44.281+/-0.231 χ^2/NDF :718.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.062+/-0.161 χ^2/NDF : 2211.1/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 85.974+/-0.186 χ^2/NDF :1054.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

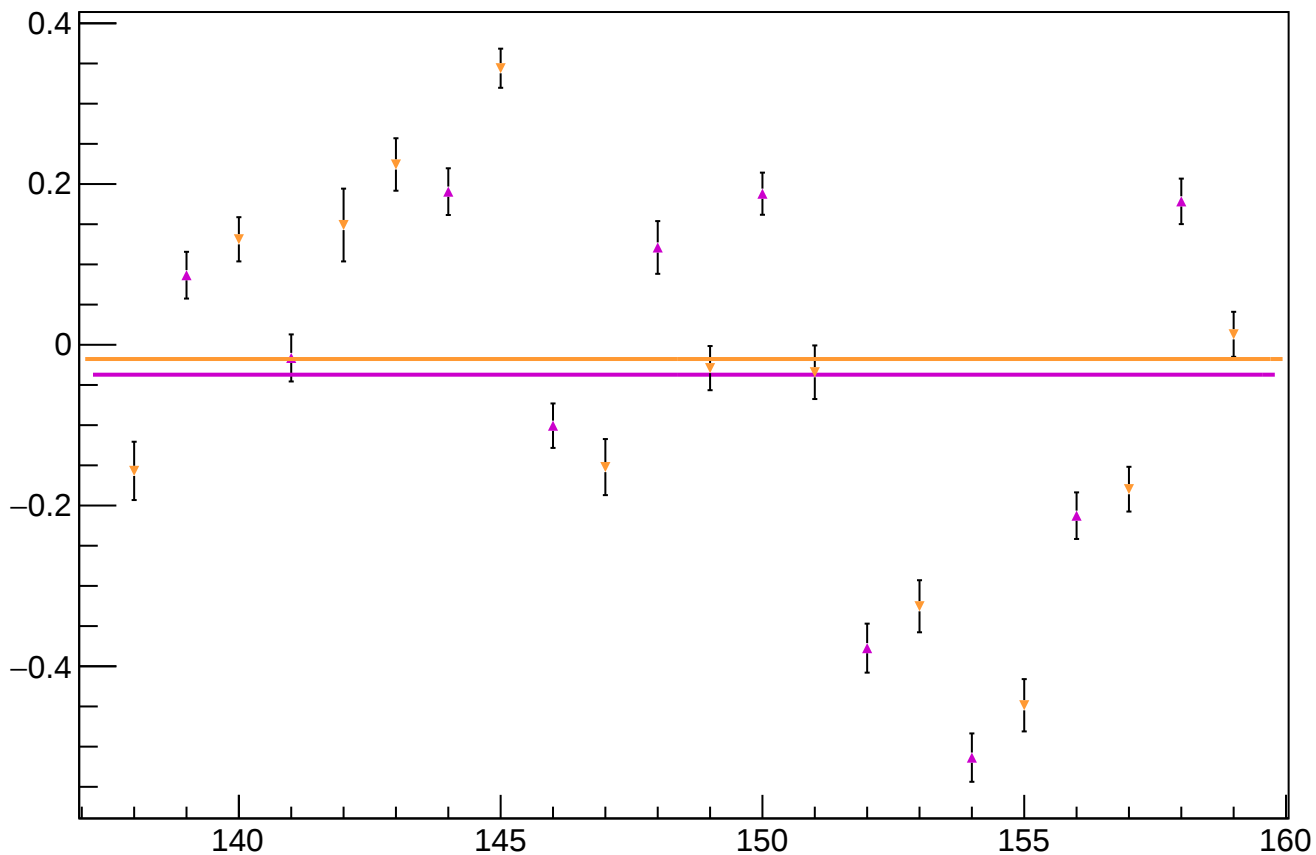
Left In: 84.694+/-0.194 χ^2/NDF :781.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.363+/-0.134 χ^2/NDF : 1858.1/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.018 $\pm$ 0.009 χ^2 /NDF: 649.3/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

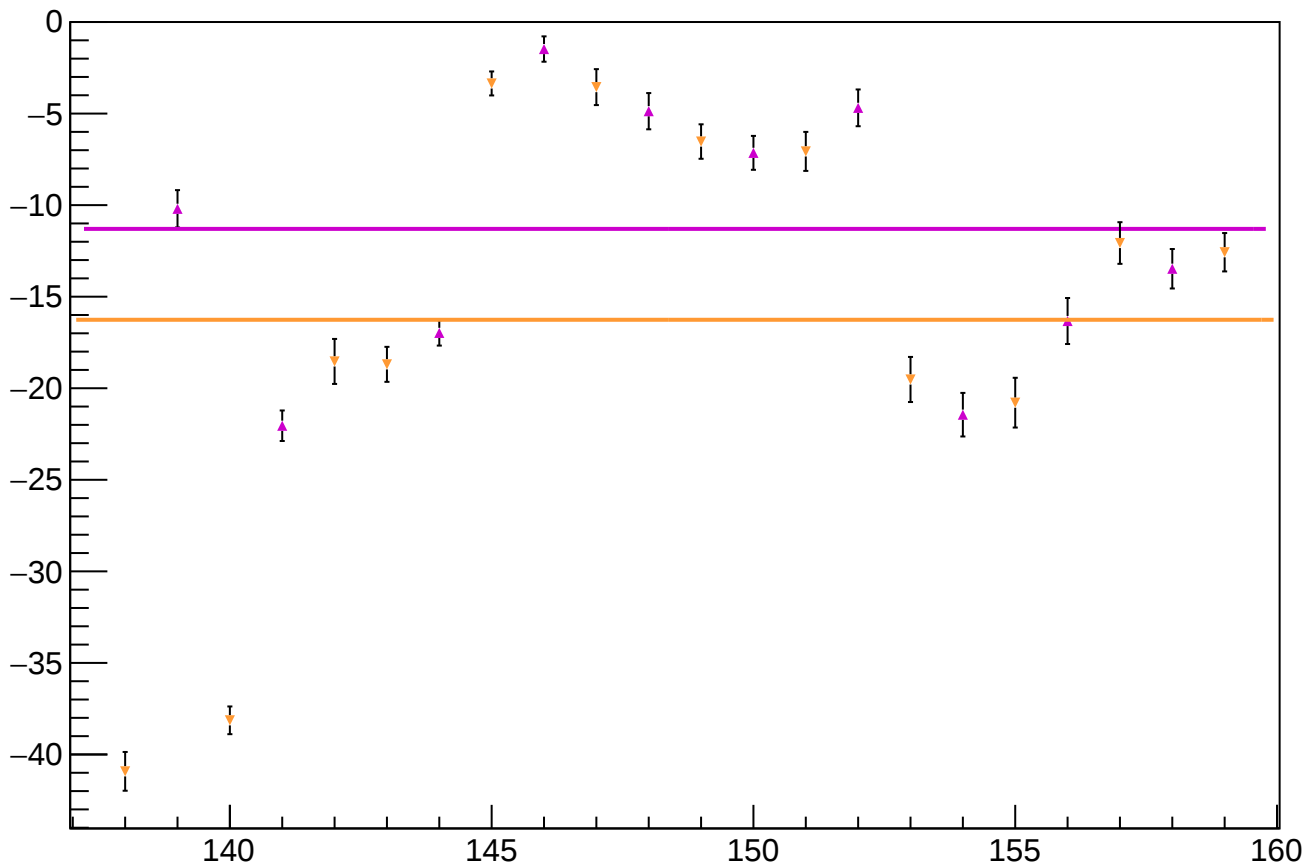
Left In: -0.037 $\pm$ 0.009 χ^2 /NDF: 652.4/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.027 $\pm$ 0.006 χ^2 /NDF: 1304.0/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -16.261 $\pm$ 0.281 χ^2 /NDF: 2169.3/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

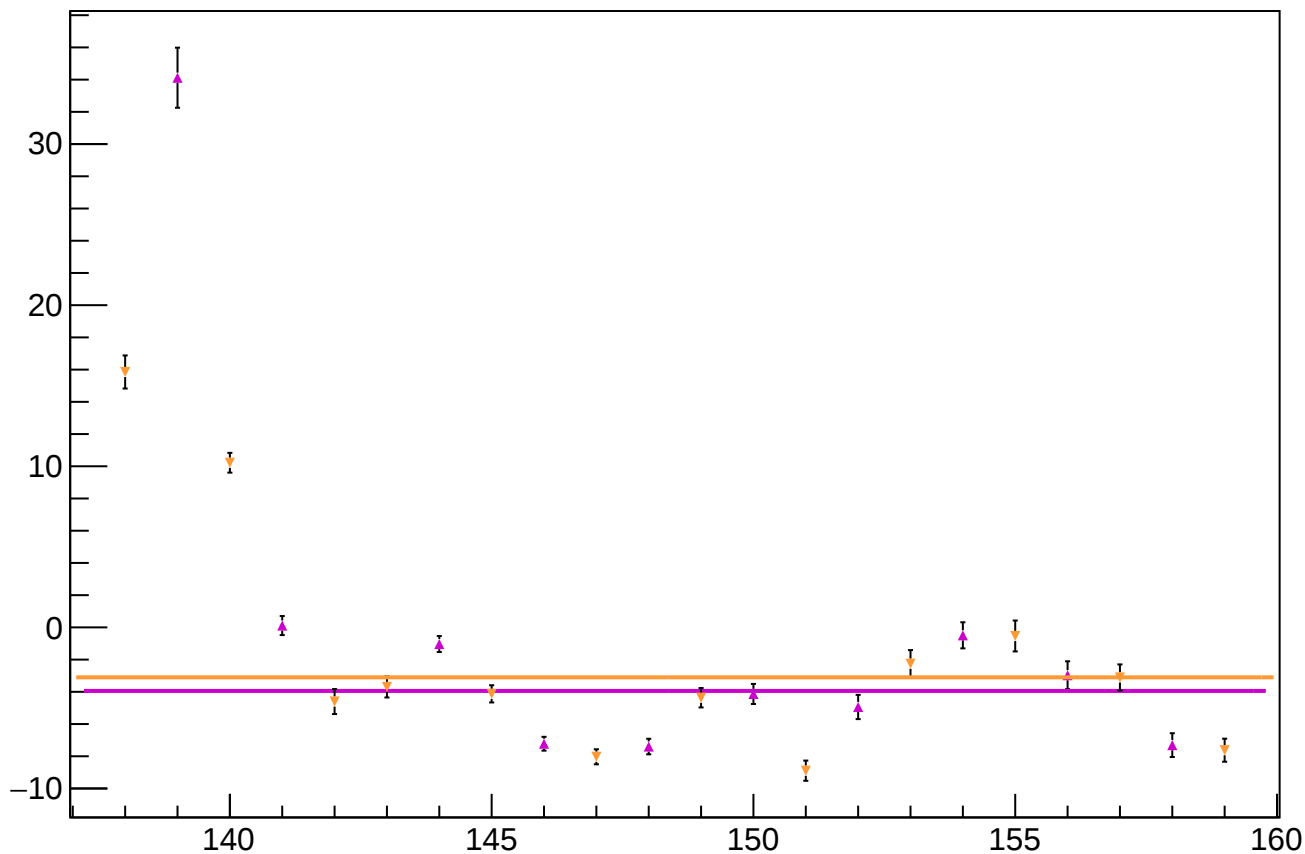
Left In: -11.298 $\pm$ 0.289 χ^2 /NDF: 634.5/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.851 $\pm$ 0.202 χ^2 /NDF: 2955.2/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

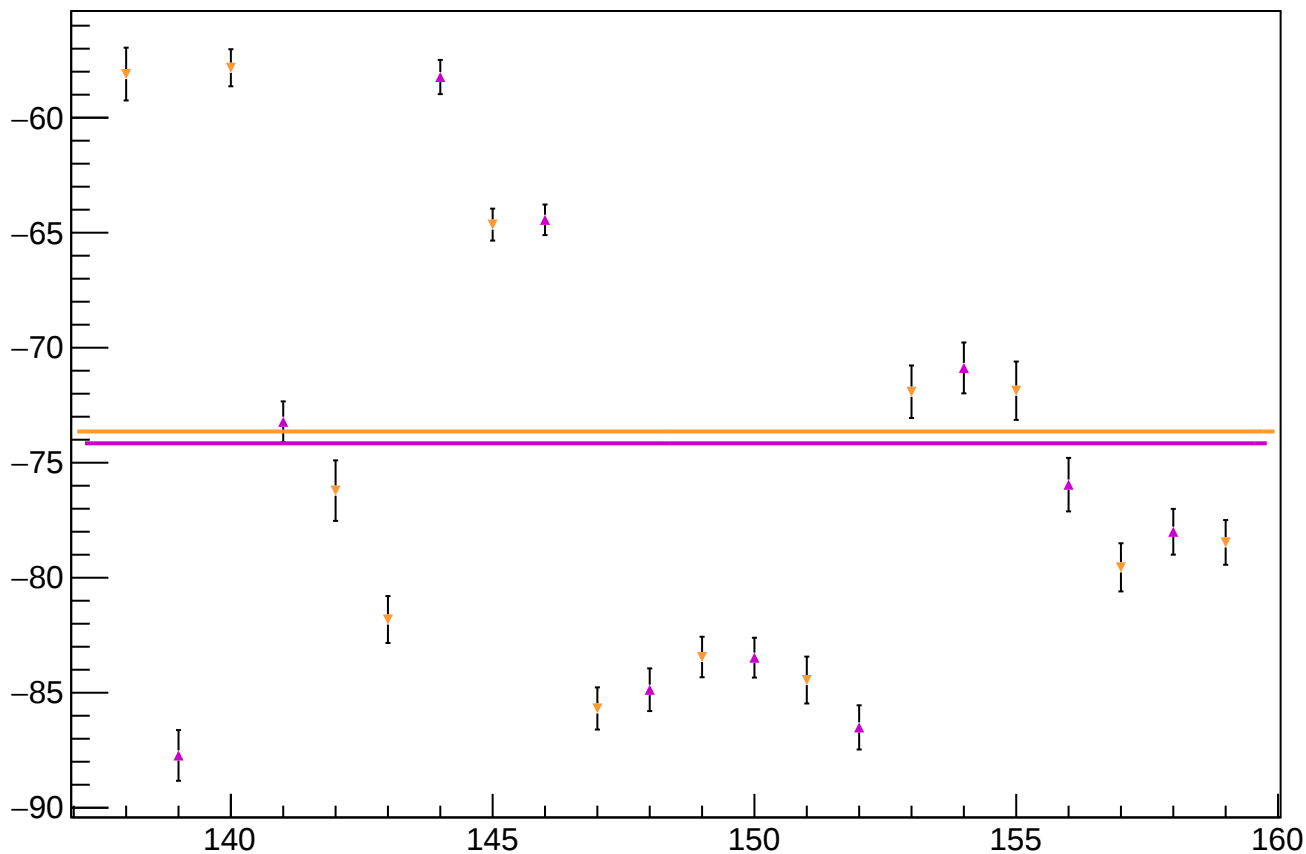
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.100+/-0.193 χ^2/NDF : 1068.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.945+/-0.196 χ^2/NDF : 649.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.515+/-0.137 χ^2/NDF : 1727.6/21
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -73.643+/-0.280 χ^2/NDF :1274.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

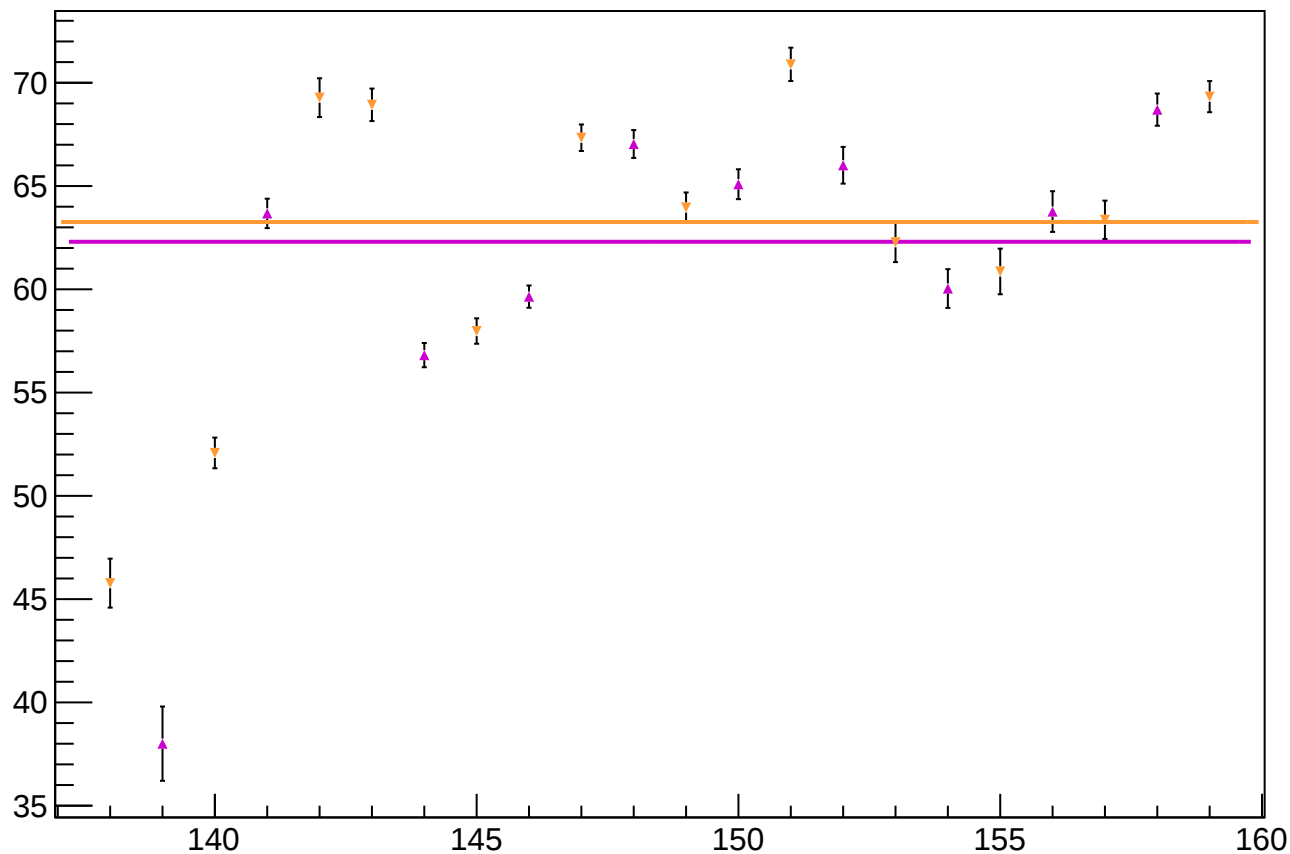
Left In: -74.156+/-0.285 χ^2/NDF :1265.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.895+/-0.200 χ^2/NDF : 2541.4/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 63.258+/-0.232 χ^2/NDF :811.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

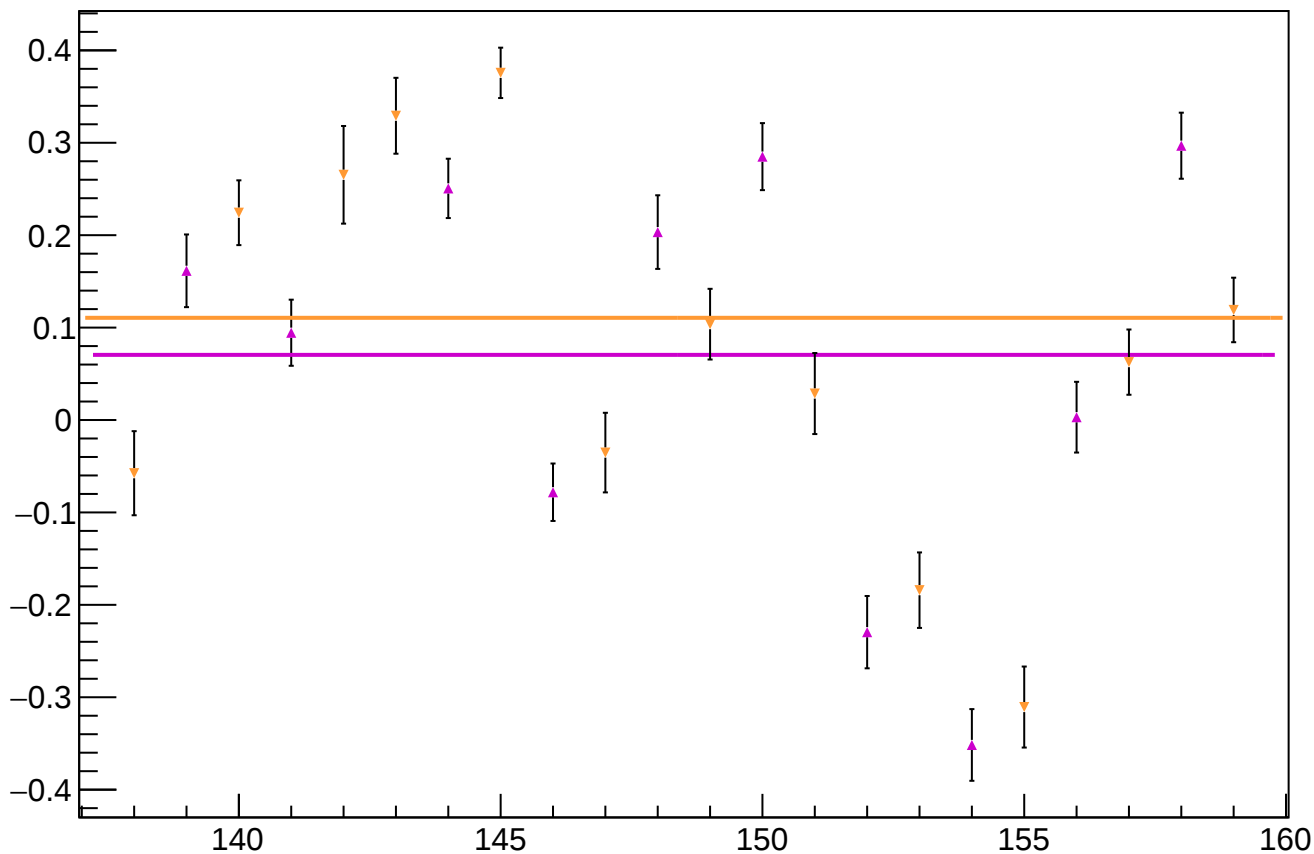
Left In: 62.301+/-0.237 χ^2/NDF :455.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.790+/-0.166 χ^2/NDF : 1274.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

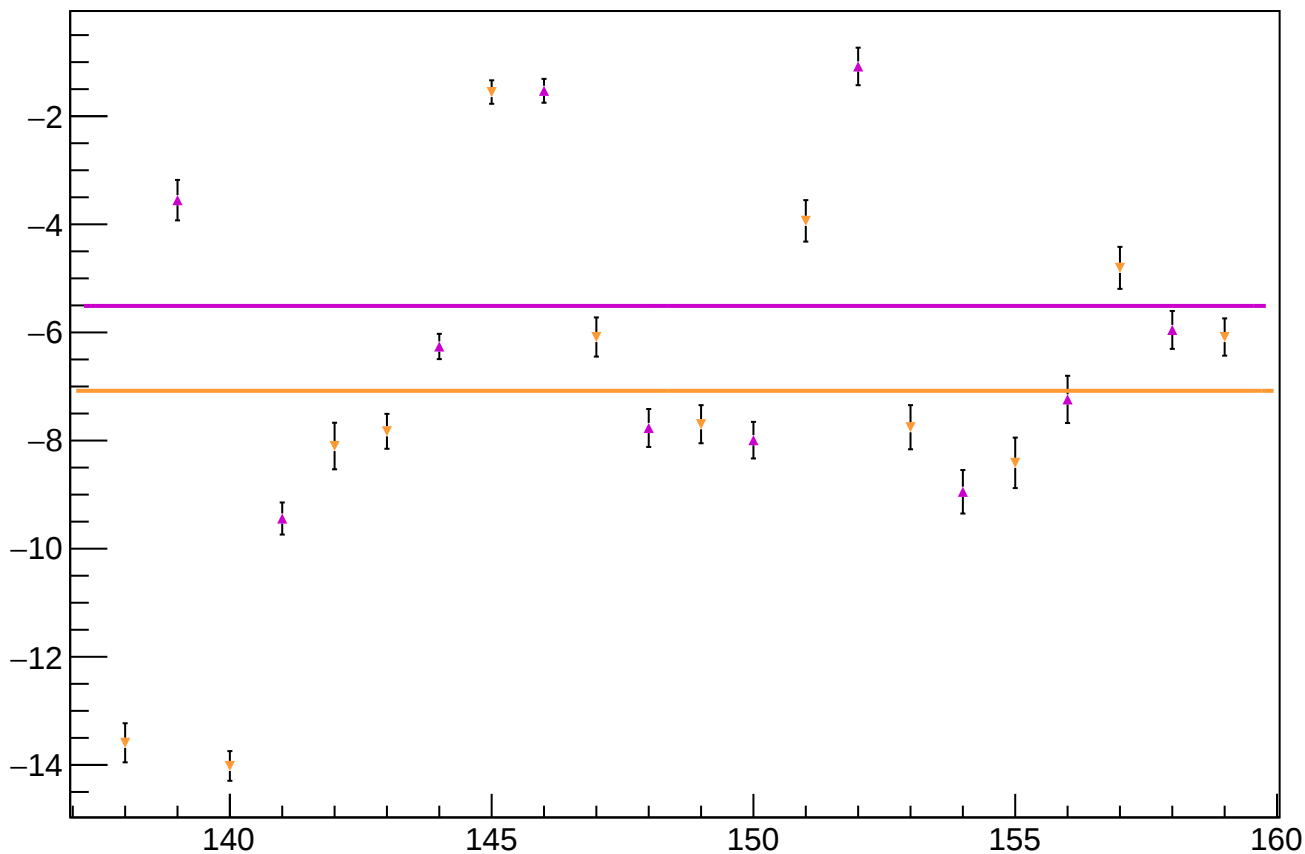
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.111 $\pm$ 0.011 χ^2 /NDF: 317.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.070 $\pm$ 0.011 χ^2 /NDF: 326.7/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.091 $\pm$ 0.008 χ^2 /NDF: 650.0/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

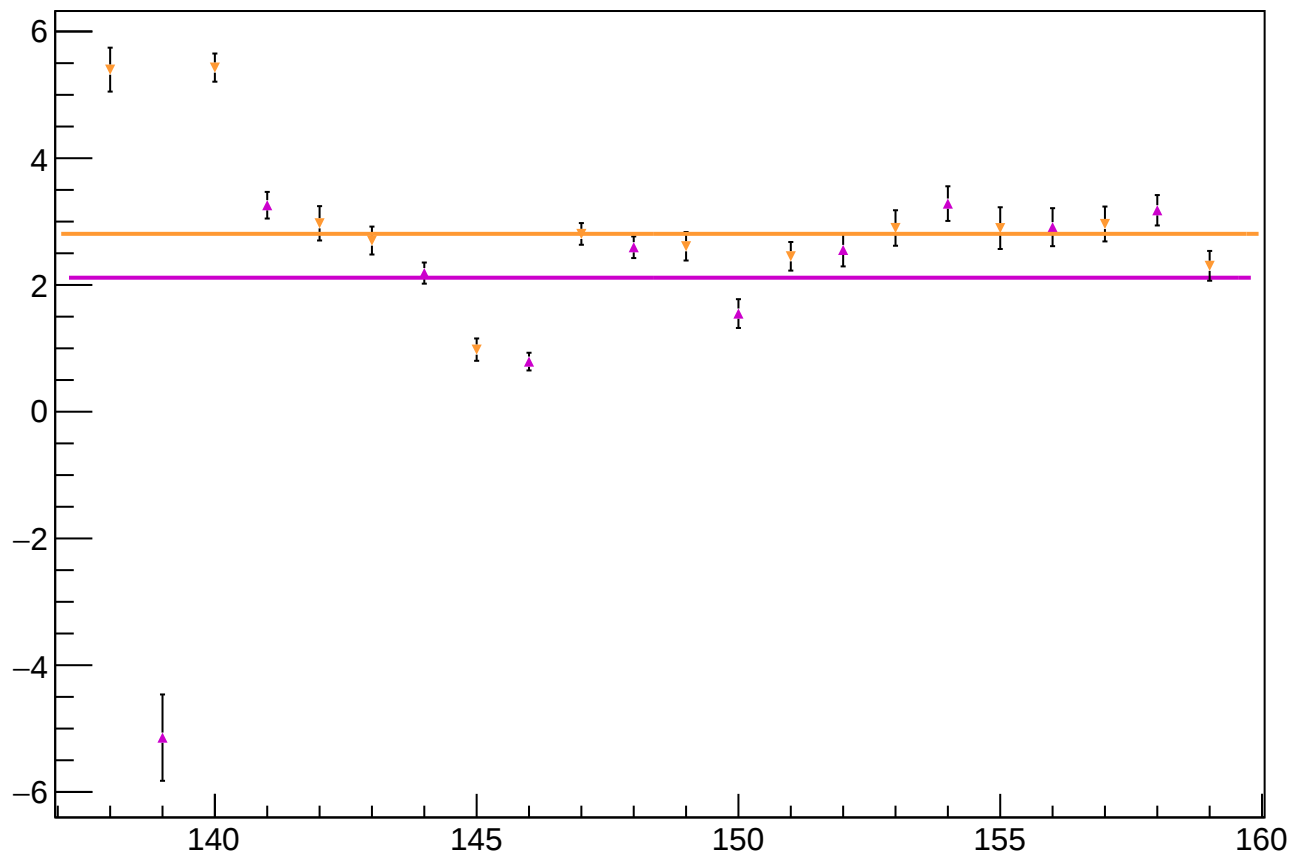
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.080 $\pm$ 0.097 χ^2 /NDF:1753.6/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.509 $\pm$ 0.099 χ^2 /NDF:886.2/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.307 $\pm$ 0.069 χ^2 /NDF: 2767.5/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

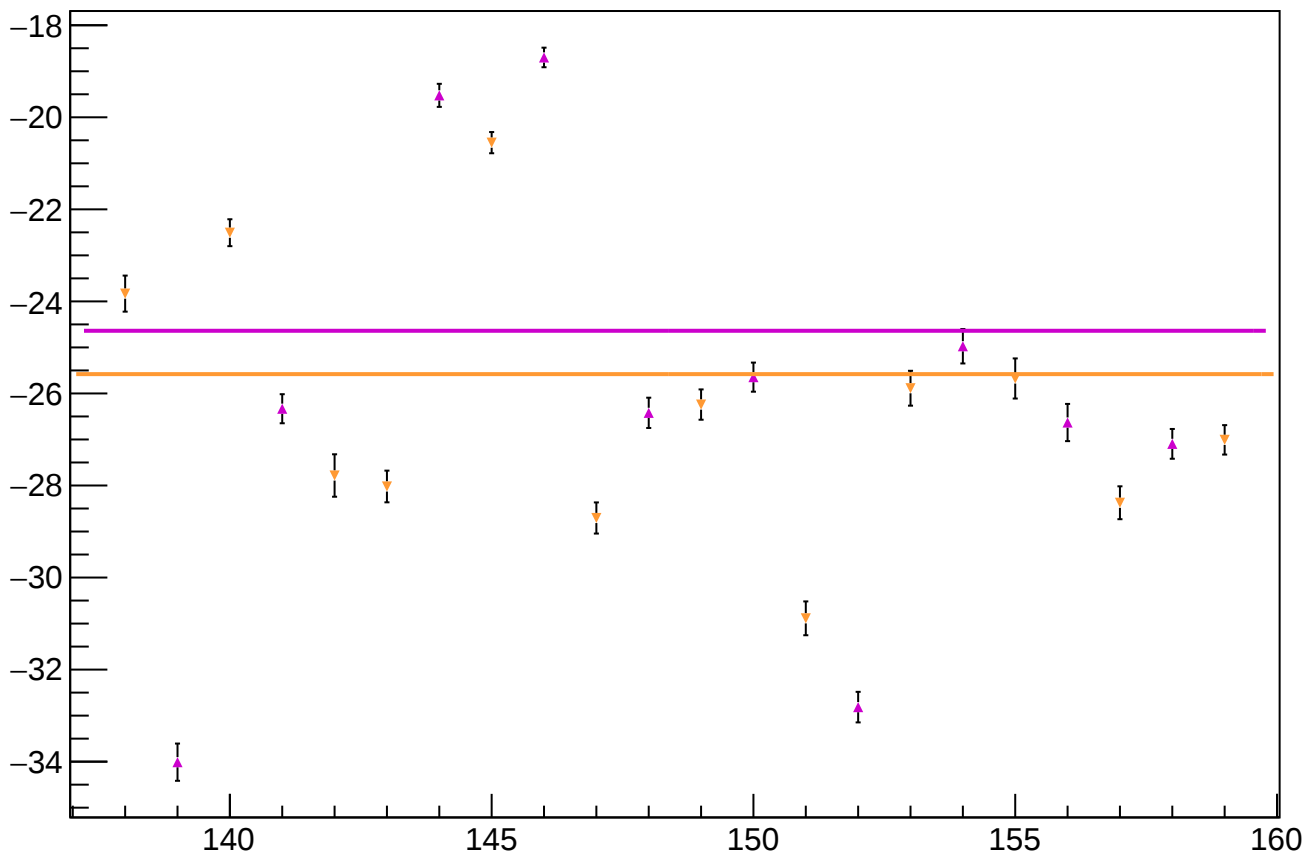
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.807 ± 0.067 χ^2/NDF : 311.5/11
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 2.114 ± 0.067 χ^2/NDF : 295.3/9

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 2.460 ± 0.047 χ^2/NDF : 660.0/21
 - sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.580+/-0.097 χ^2/NDF : 1059.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

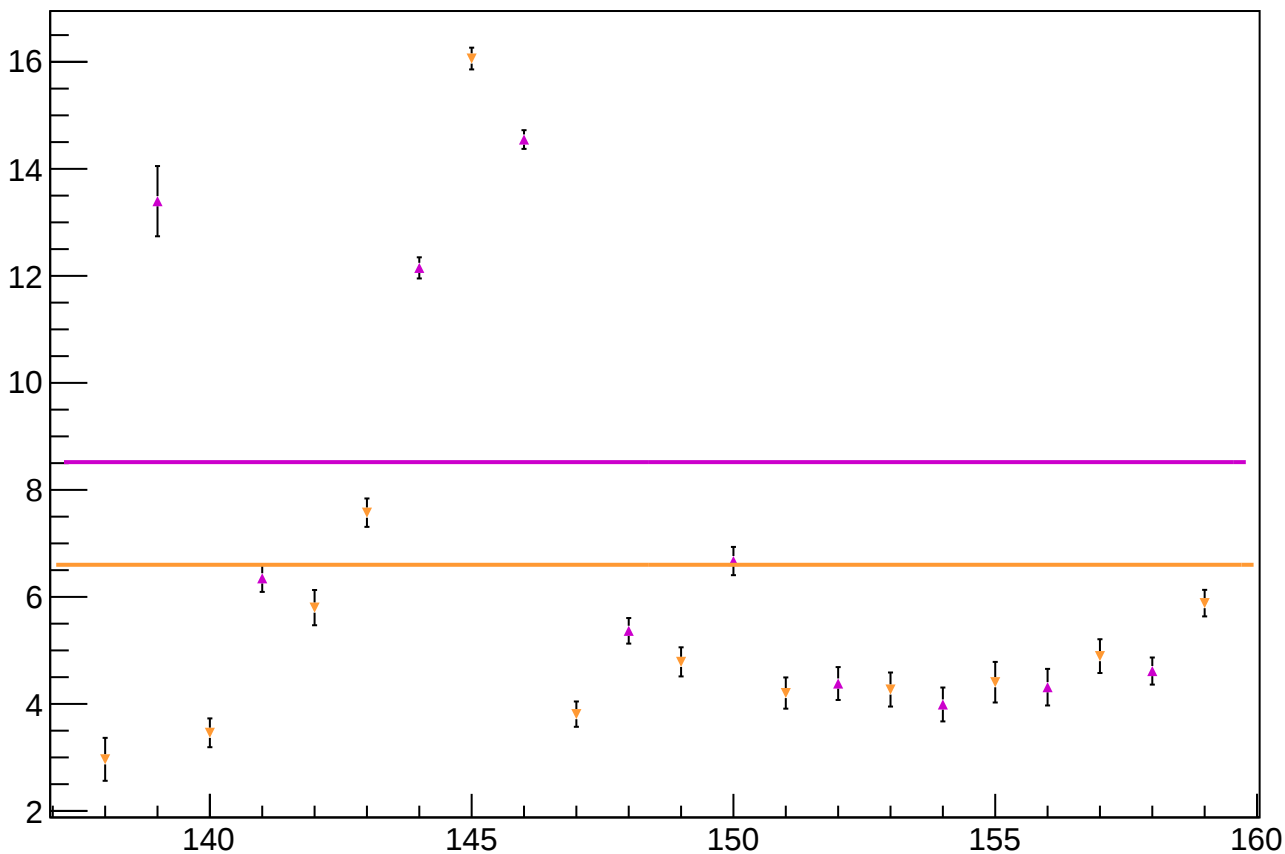
Left In: -24.638+/-0.097 χ^2/NDF : 2491.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.109+/-0.069 χ^2/NDF : 3598.4/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

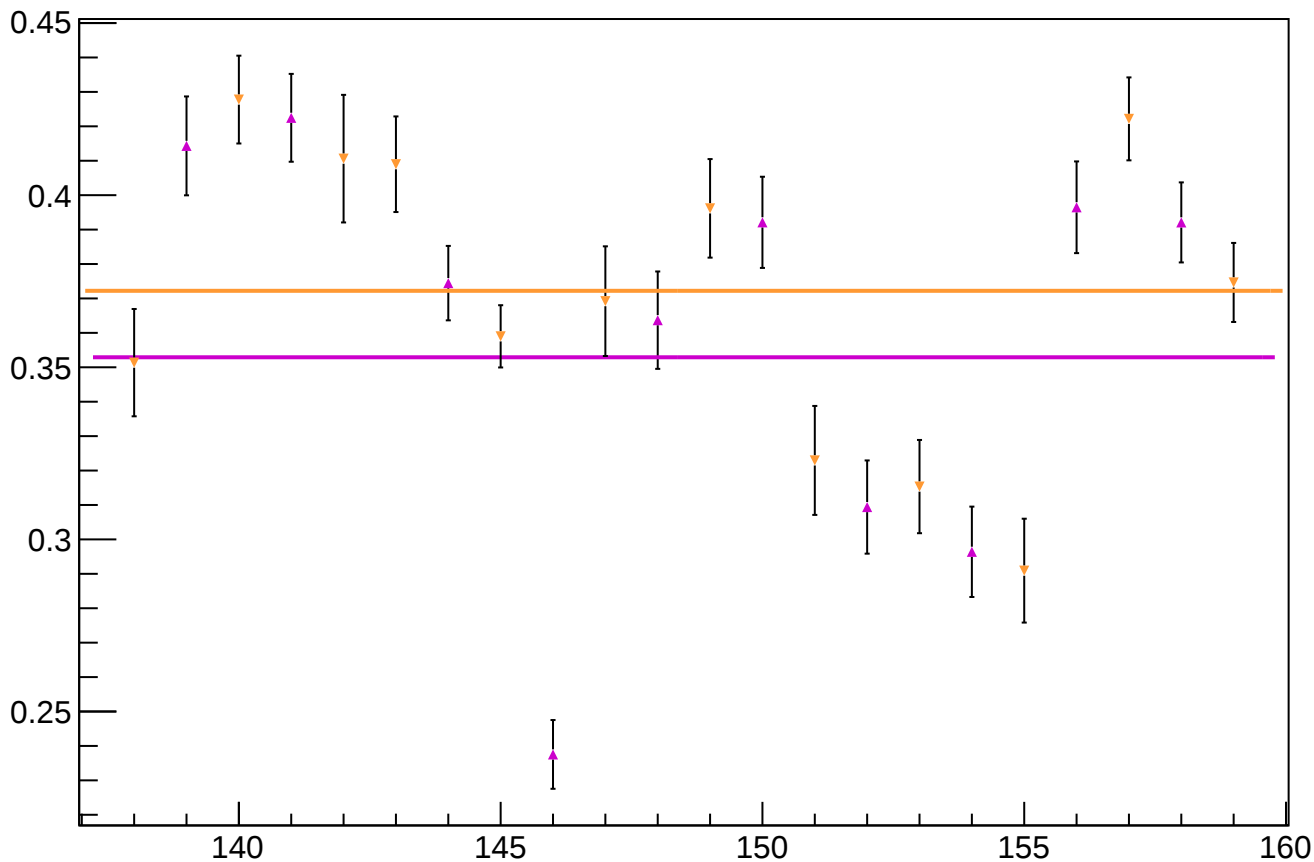
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.601+/-0.081 χ^2/NDF : 2781.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.519+/-0.081 χ^2/NDF : 2652.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.556+/-0.057 χ^2/NDF : 5716.0/21
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

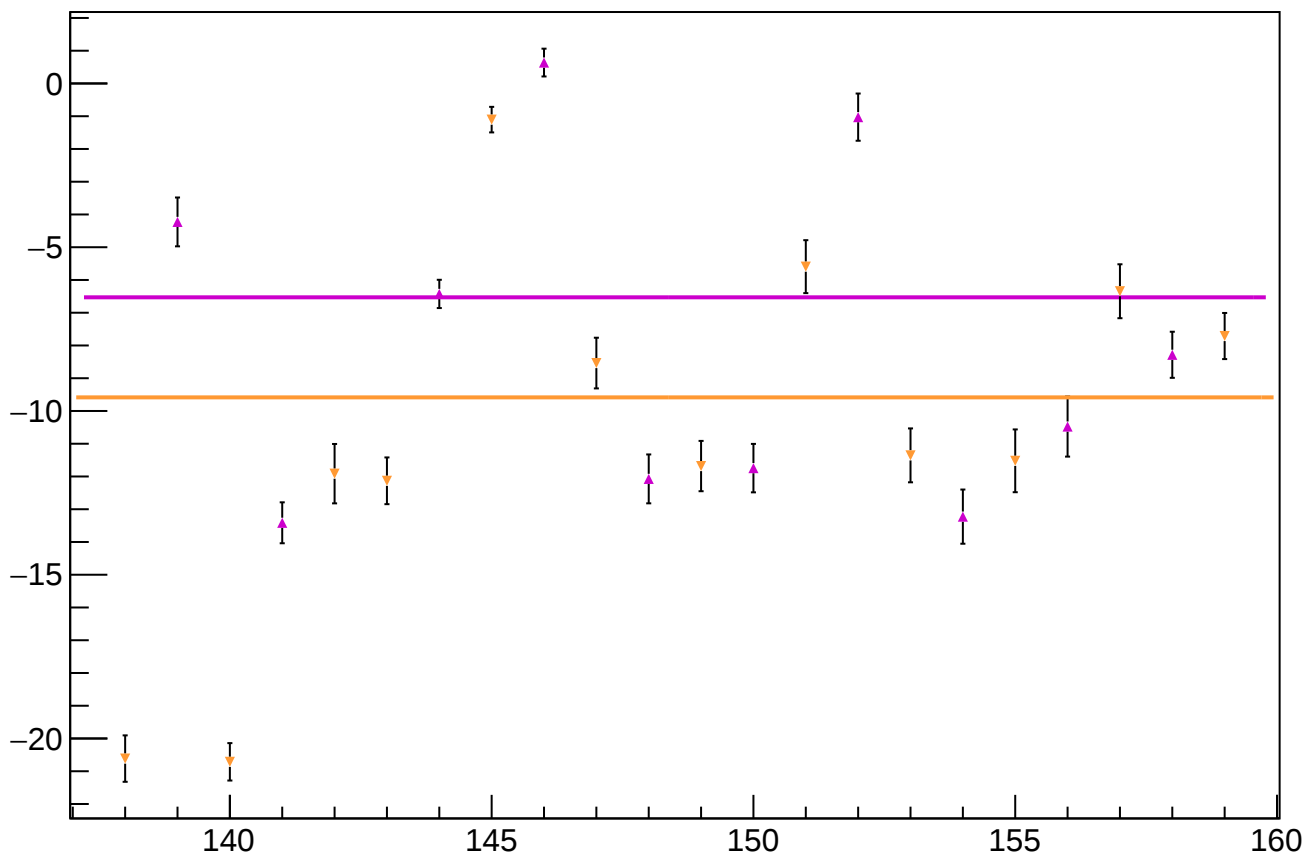
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.372 $\pm$ 0.004 χ^2 /NDF:110.6/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.353 $\pm$ 0.004 χ^2 /NDF:245.6/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.363 $\pm$ 0.003 χ^2 /NDF: 368.6/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

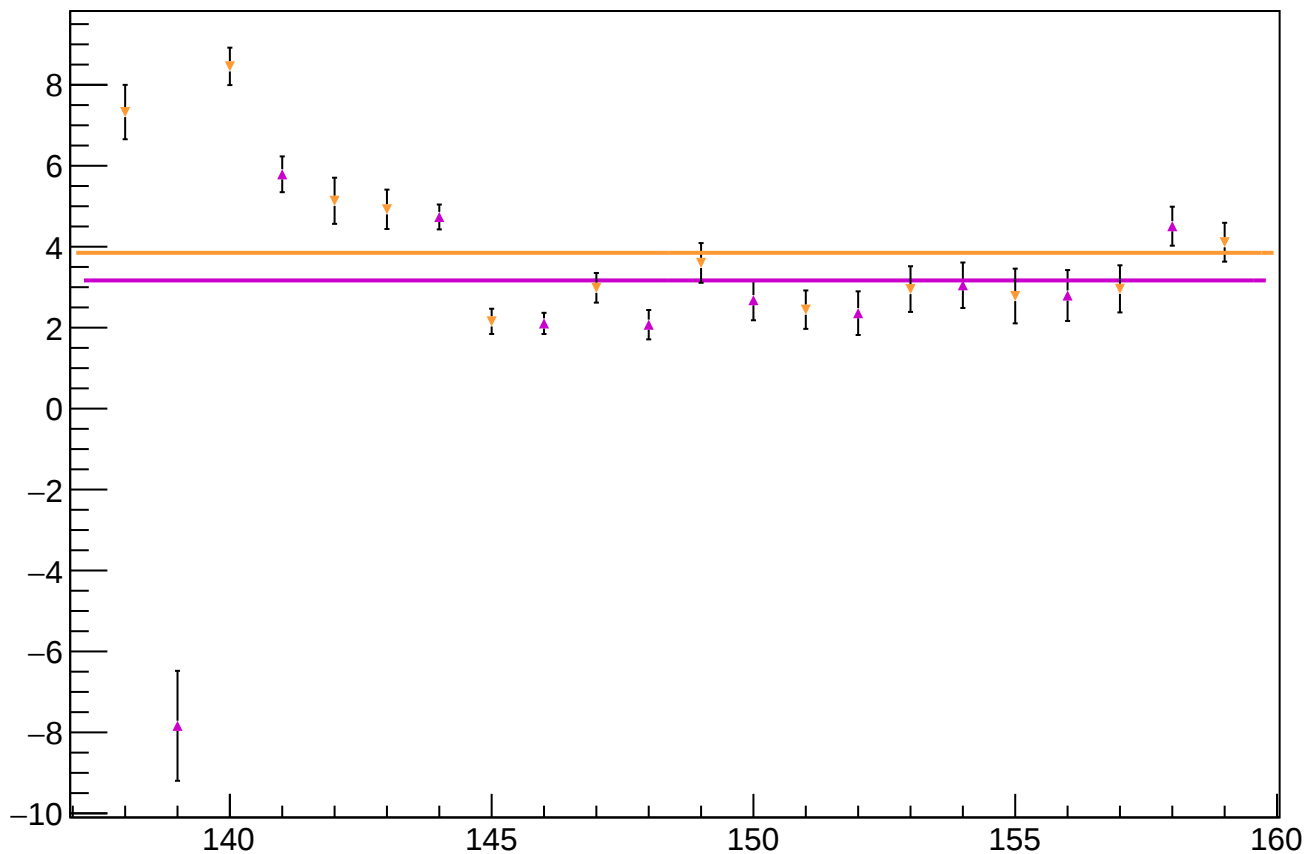
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.585 $\pm$ 0.197 χ^2 /NDF:1178.4/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.530 $\pm$ 0.198 χ^2 /NDF:669.7/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -8.065 $\pm$ 0.140 χ^2 /NDF: 1967.8/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 3.849 $\pm$ 0.137 χ^2 /NDF:187.7/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

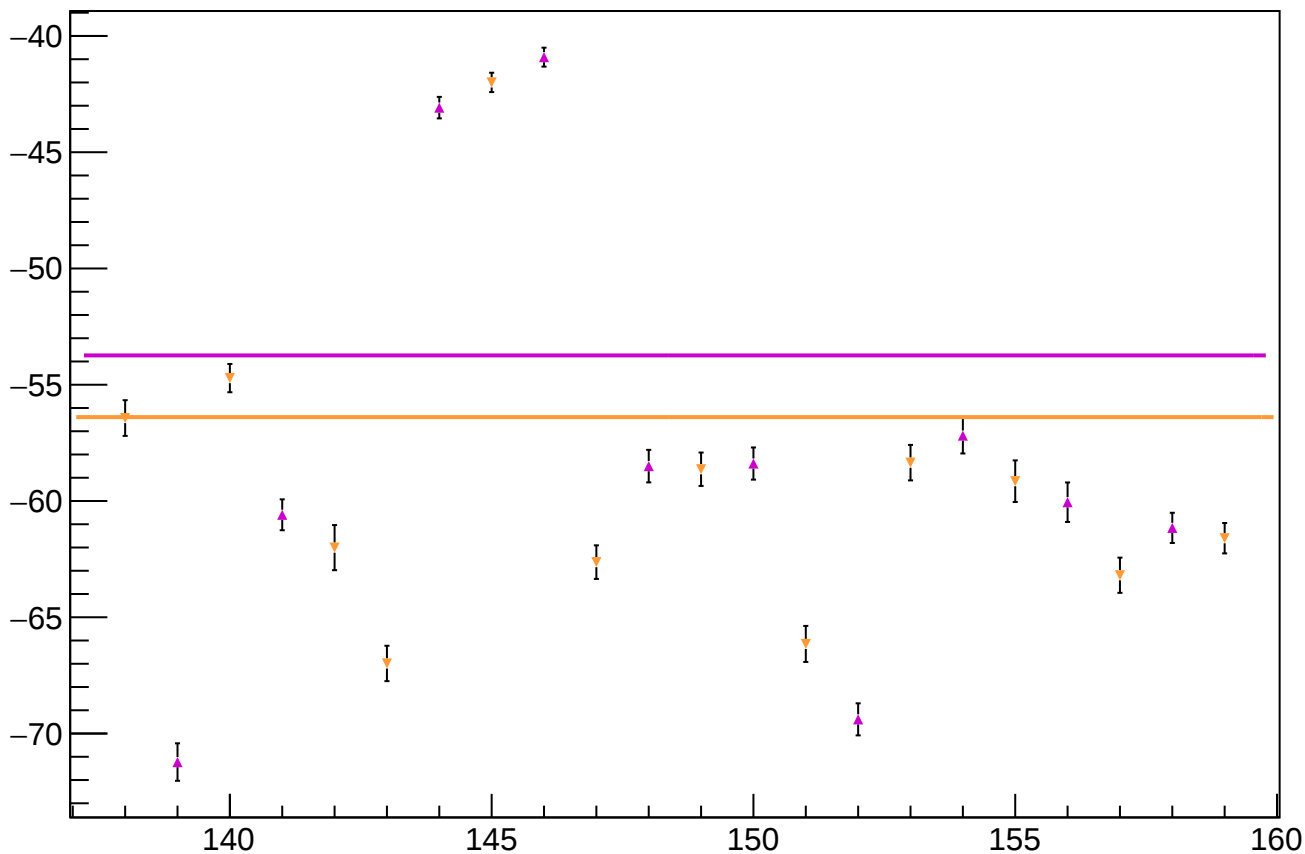
Left In: 3.167 $\pm$ 0.134 χ^2 /NDF:163.7/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.500 $\pm$ 0.096 χ^2 /NDF: 364.1/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -56.392+/-0.198 χ^2/NDF : 1836.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

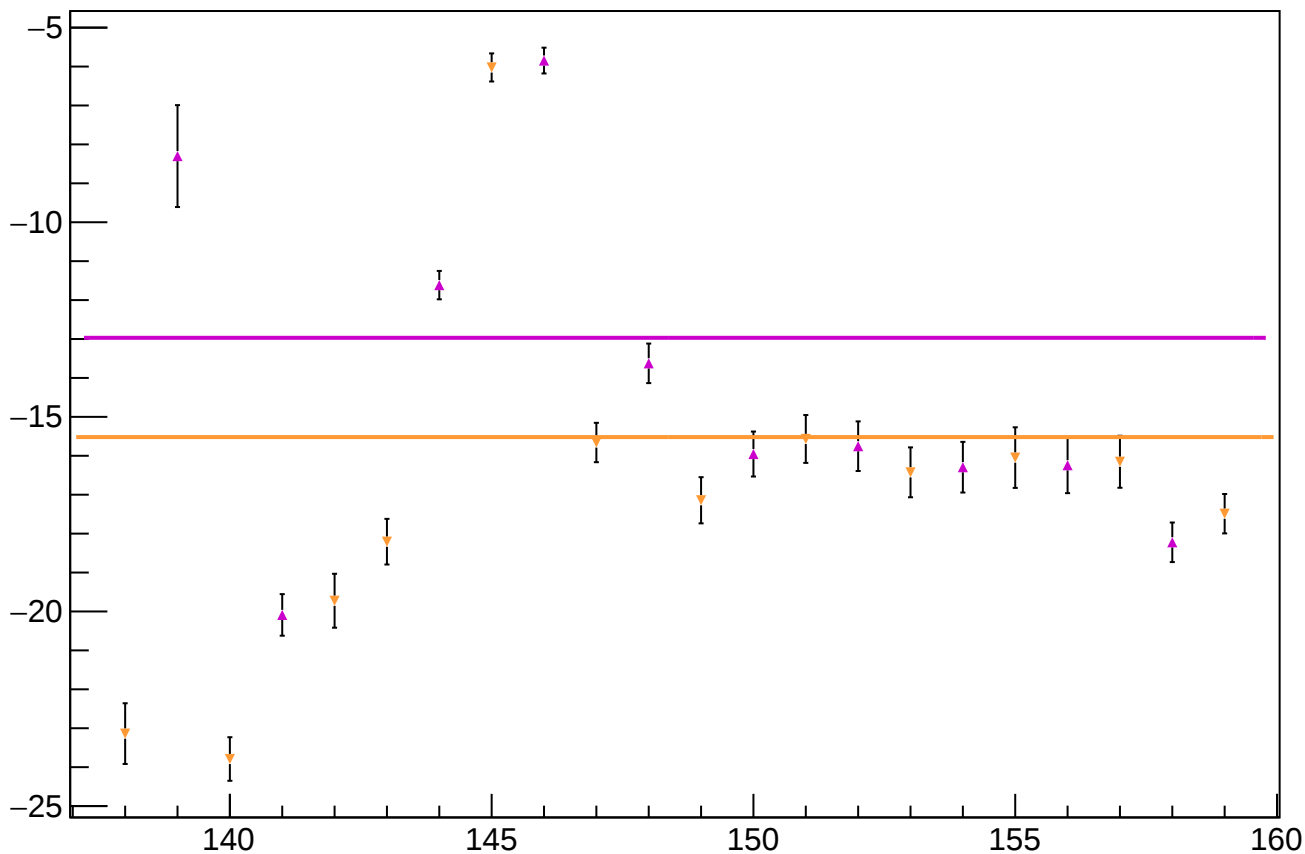
Left In: -53.738+/-0.195 χ^2/NDF : 2909.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.049+/-0.139 χ^2/NDF : 4837.0/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.520+/-0.164 χ^2/NDF : 1090.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

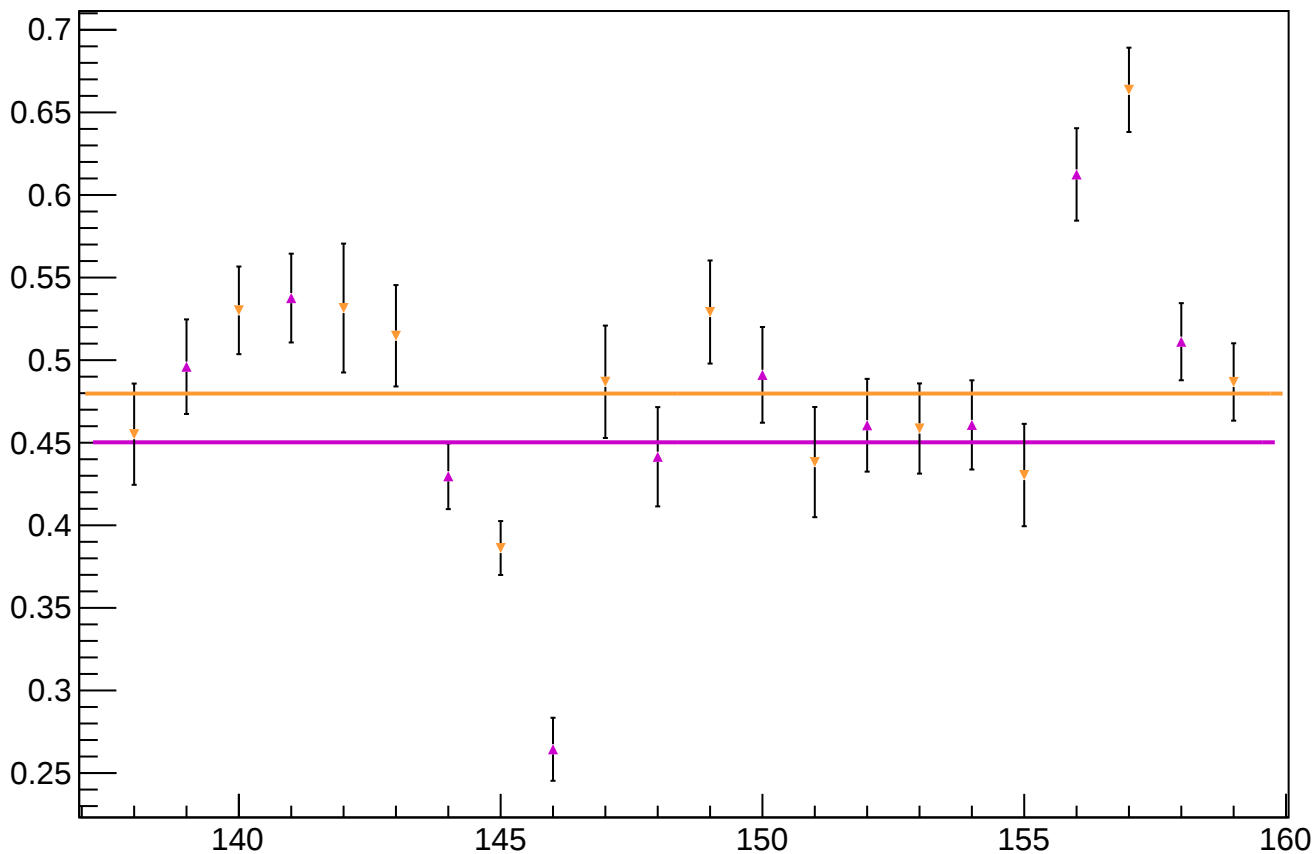
Left In: -12.969+/-0.162 χ^2/NDF : 868.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.226+/-0.115 χ^2/NDF : 2080.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.480 $\pm$ 0.008 χ^2 /NDF:99.4/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

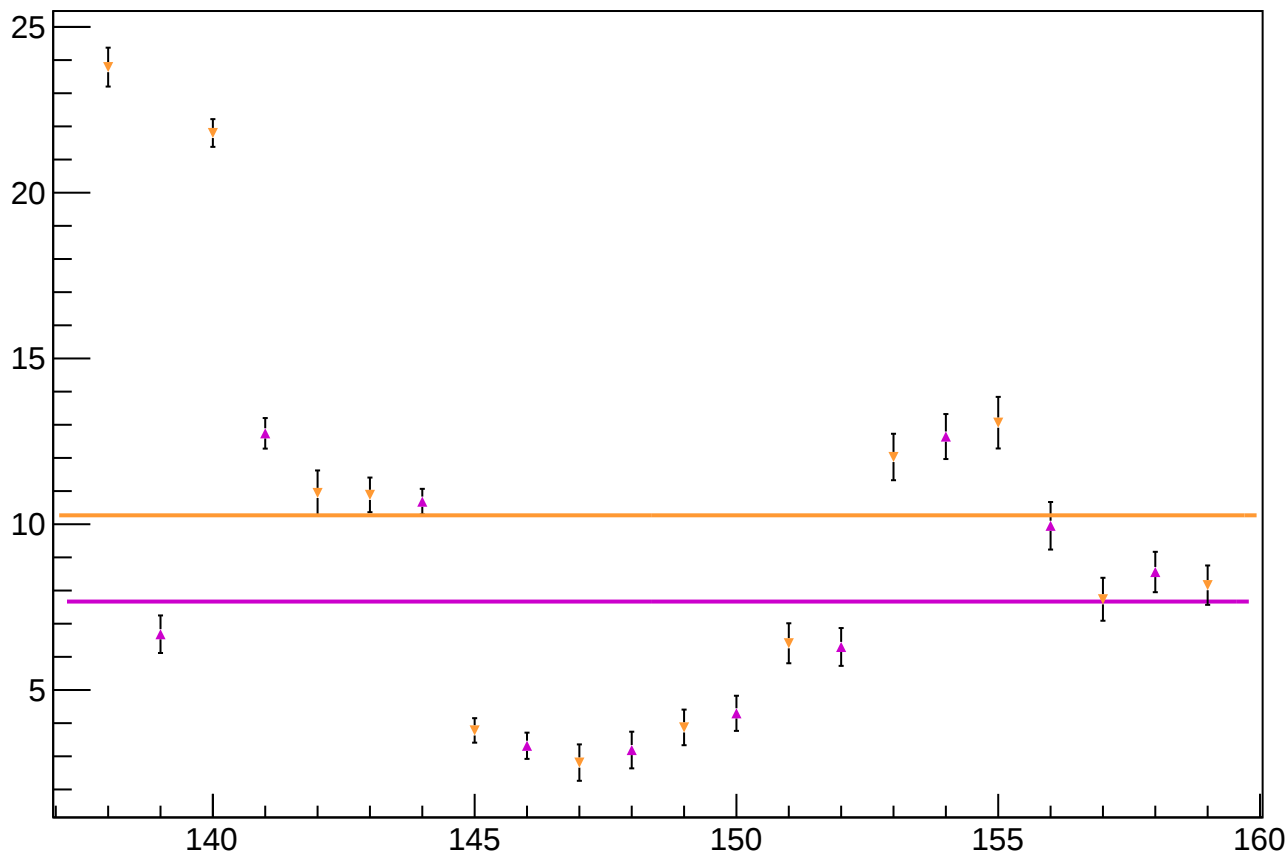
Left In: 0.450 $\pm$ 0.008 χ^2 /NDF:151.8/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.465 $\pm$ 0.006 χ^2 /NDF: 258.2/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.269+/-0.158 χ^2/NDF : 2016.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

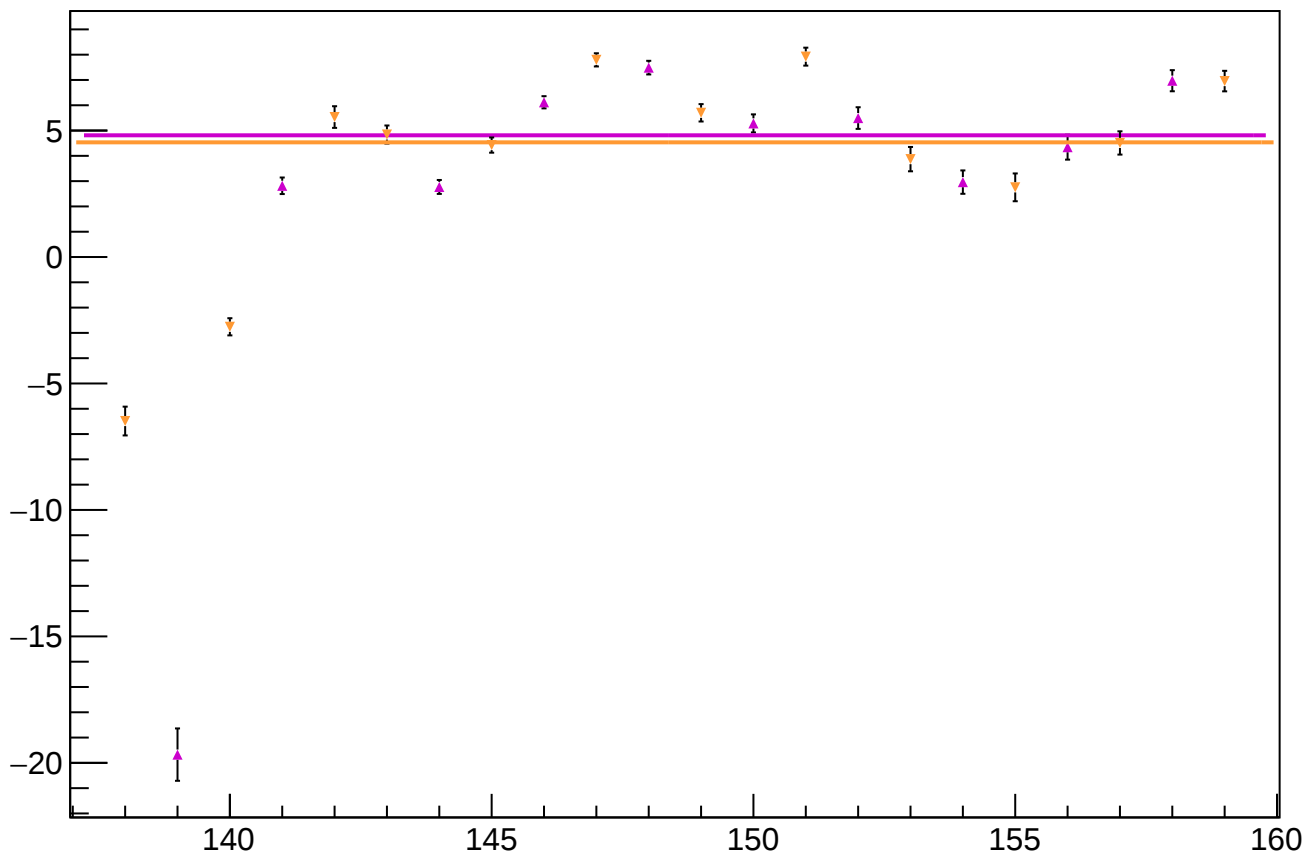
Left In: 7.668+/-0.163 χ^2/NDF : 483.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.012+/-0.113 χ^2/NDF : 2631.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 4.534 $\pm$ 0.108 χ^2 /NDF:1149.5/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

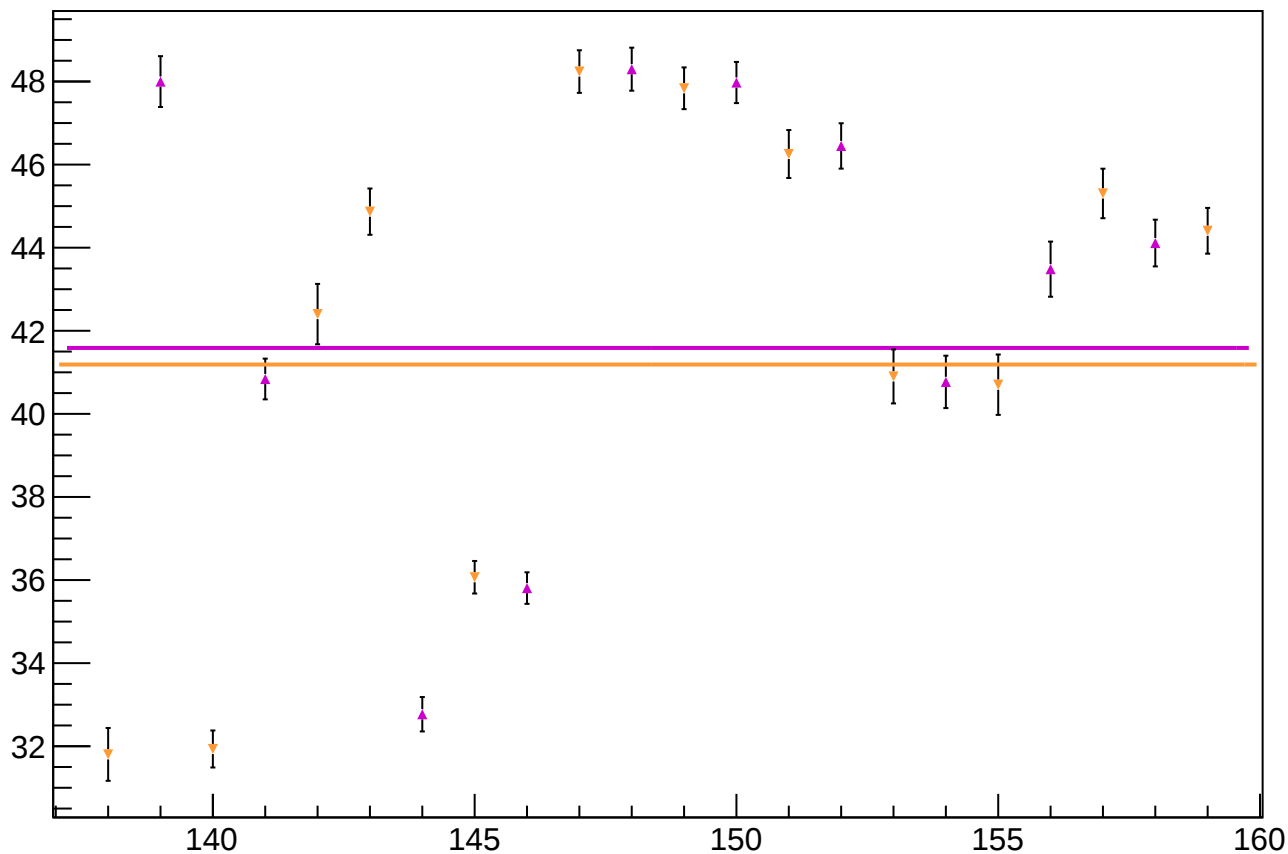
Left In: 4.812 $\pm$ 0.110 χ^2 /NDF:827.5/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.670 $\pm$ 0.077 χ^2 /NDF: 1980.3/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 41.188+/-0.158 χ^2/NDF :1390.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

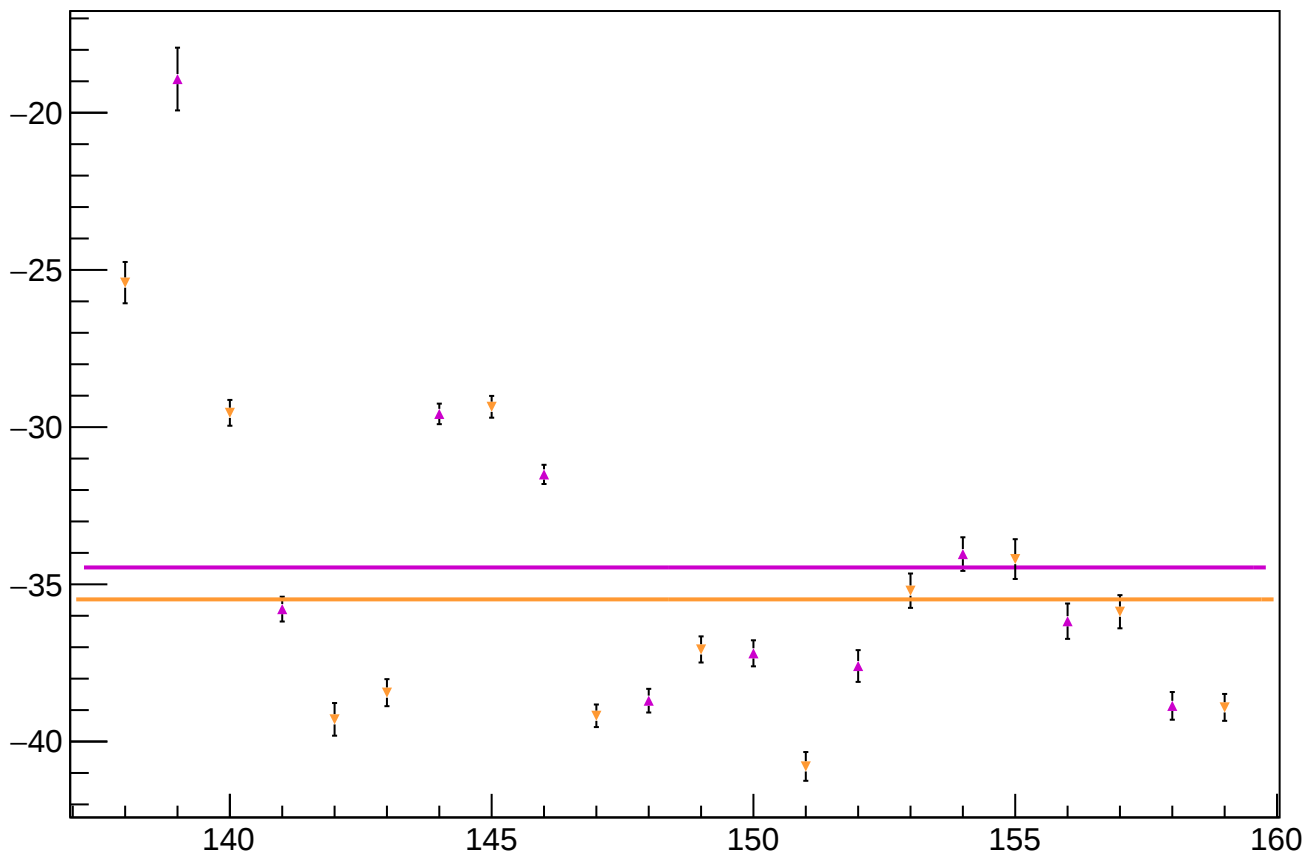
Left In: 41.587+/-0.161 χ^2/NDF :1241.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.383+/-0.113 χ^2/NDF : 2635.2/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.479+/-0.130 χ^2/NDF : 1183.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

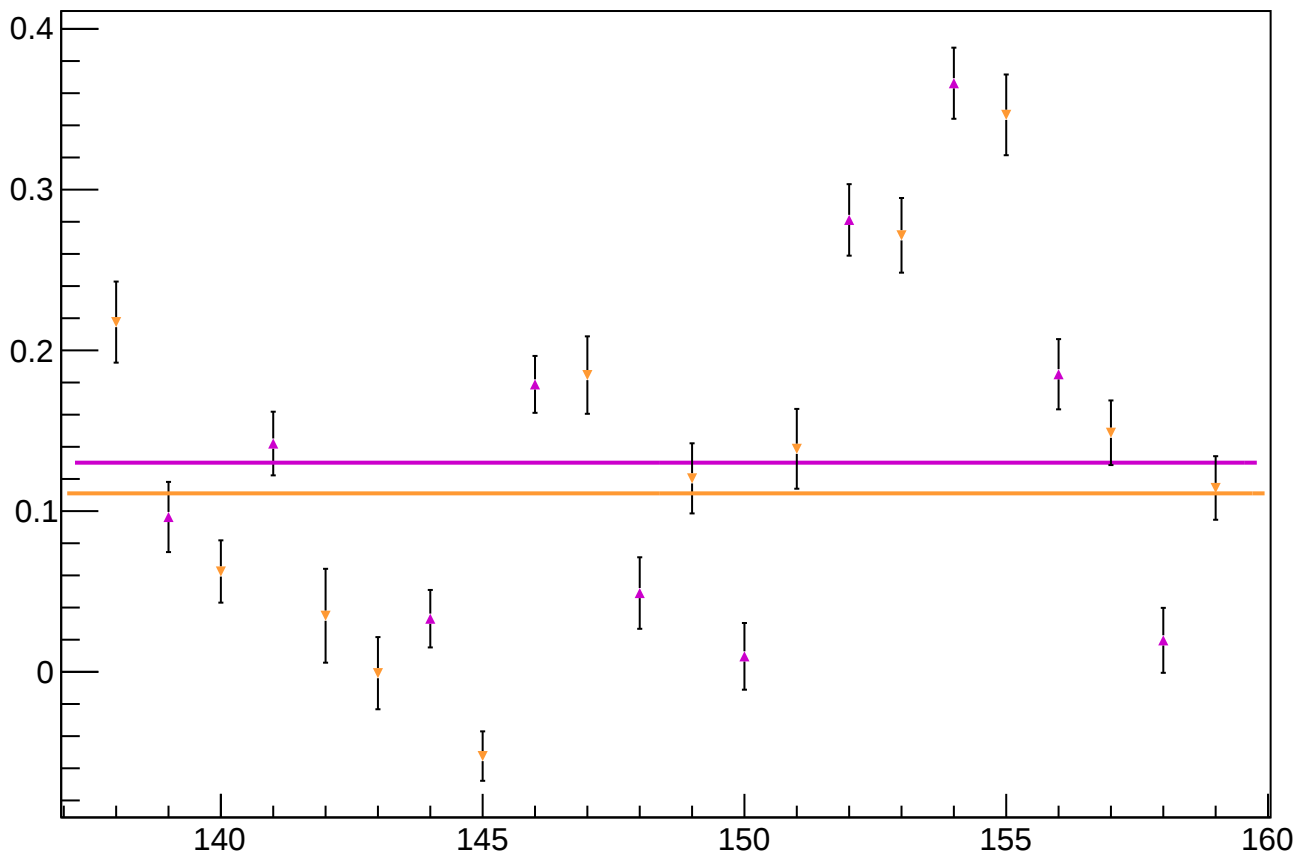
Left In: -34.463+/-0.133 χ^2/NDF : 890.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.983+/-0.093 χ^2/NDF : 2103.1/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

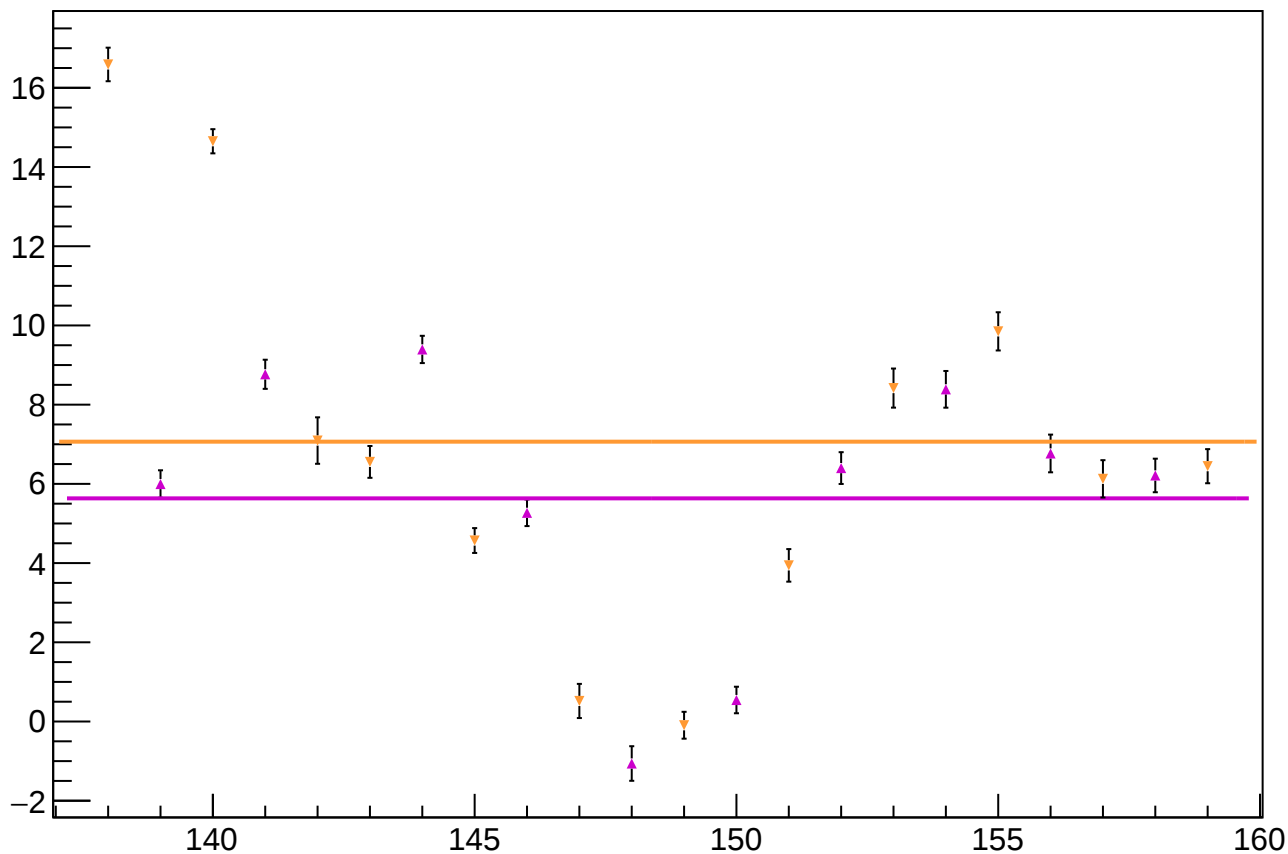
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.111 $\pm$ 0.006 χ^2 /NDF:318.7/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.130 $\pm$ 0.006 χ^2 /NDF:283.1/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.120 $\pm$ 0.004 χ^2 /NDF: 606.3/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7.066+/-0.116 χ^2/NDF :1968.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

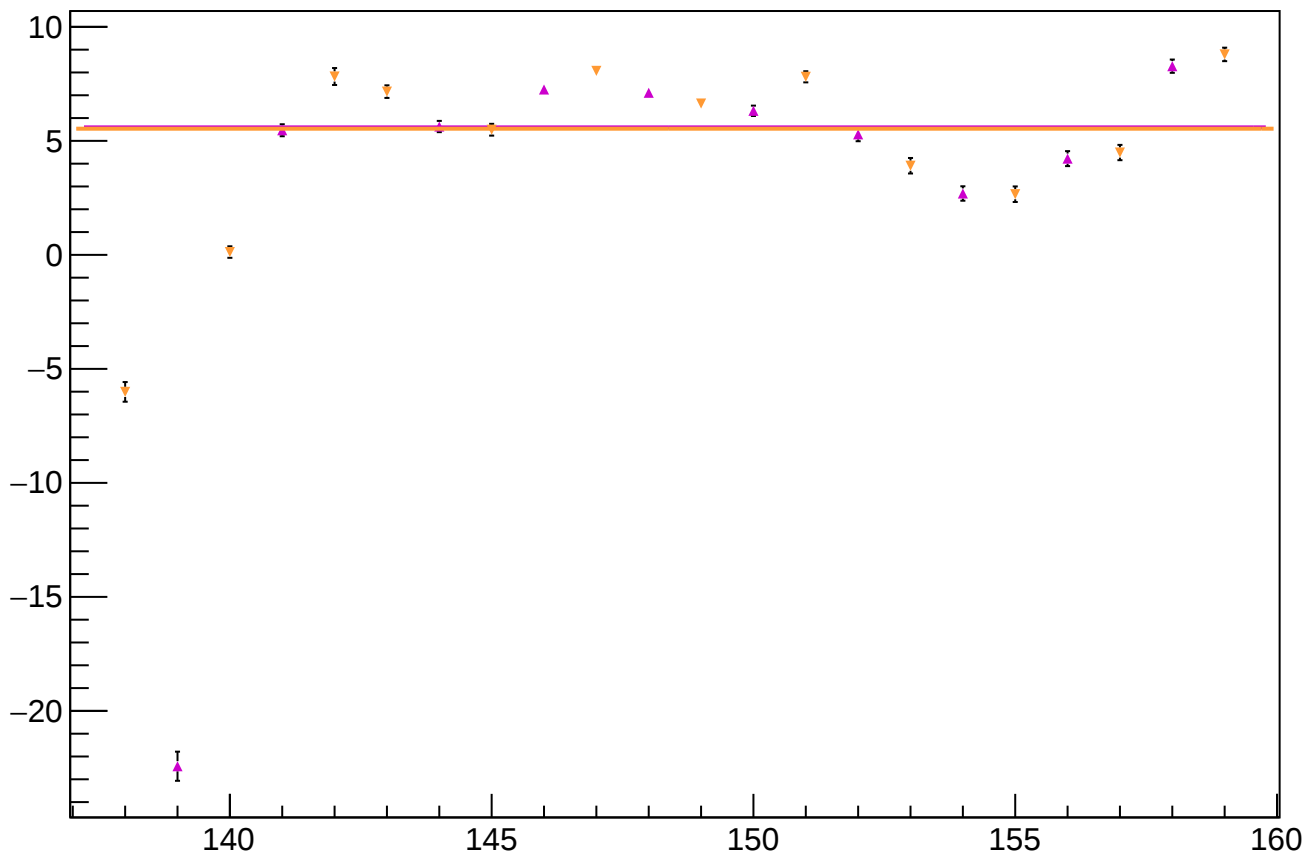
Left In: 5.634+/-0.121 χ^2/NDF :706.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.379+/-0.084 χ^2/NDF : 2747.4/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left Out: 5.534 +/- 0.080 χ^2/NDF : 1733.3/11

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

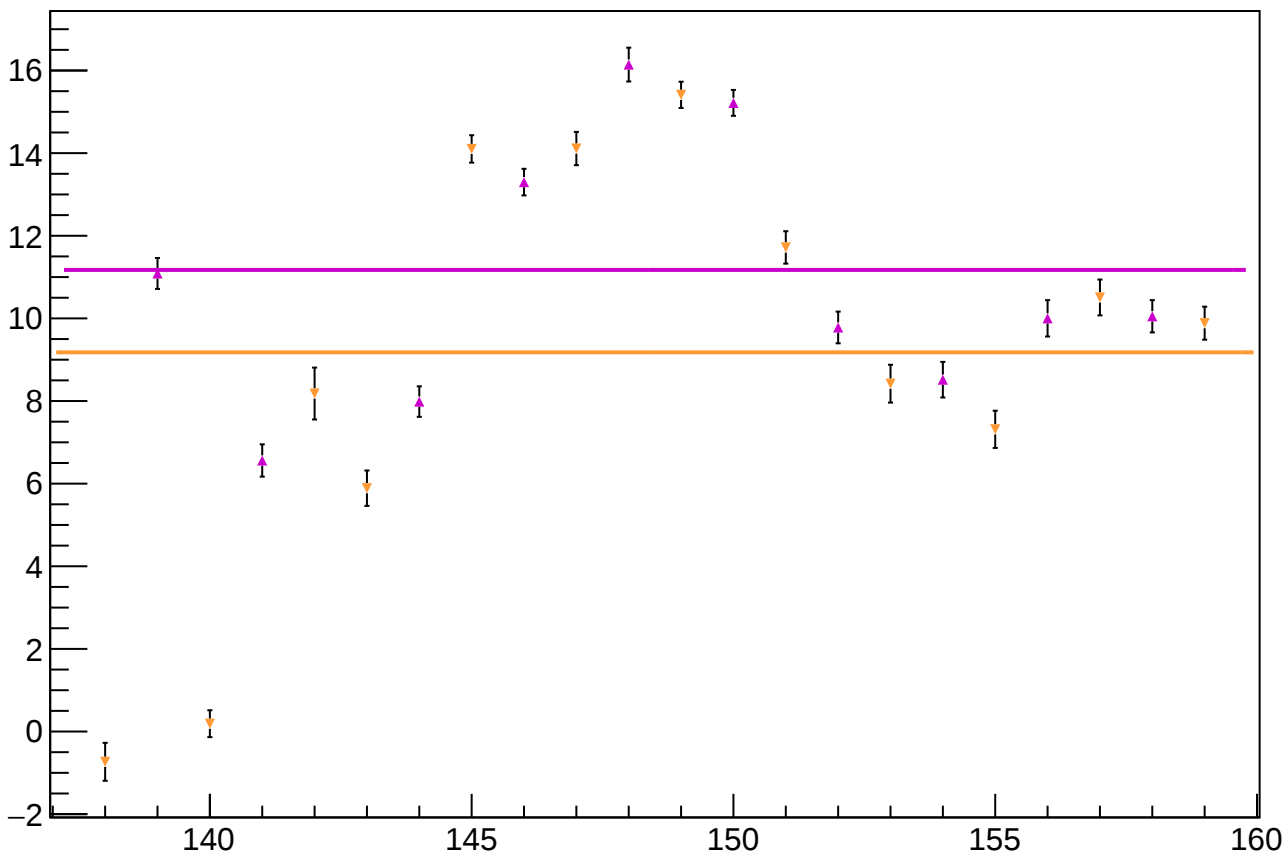
Left In: 5.592 +/- 0.085 χ^2/NDF : 2230.5/9

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 5.561 +/- 0.058 χ^2/NDF : 3964.1/21

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

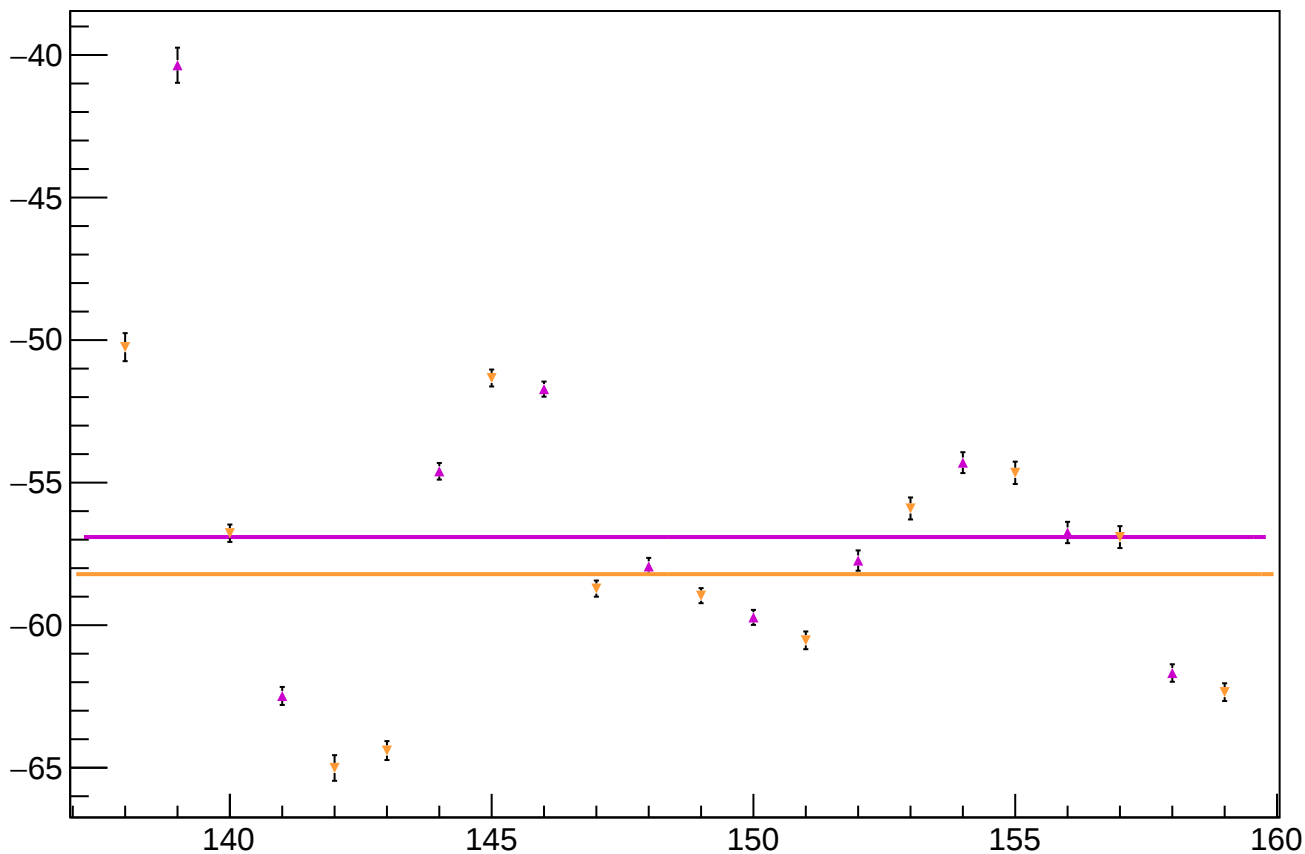
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.178 $\pm$ 0.115 χ^2 /NDF:2121.5/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.174 $\pm$ 0.119 χ^2 /NDF:637.6/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 10.145 $\pm$ 0.083 χ^2 /NDF: 2904.0/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.211+/-0.096 χ^2/NDF : 1769.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

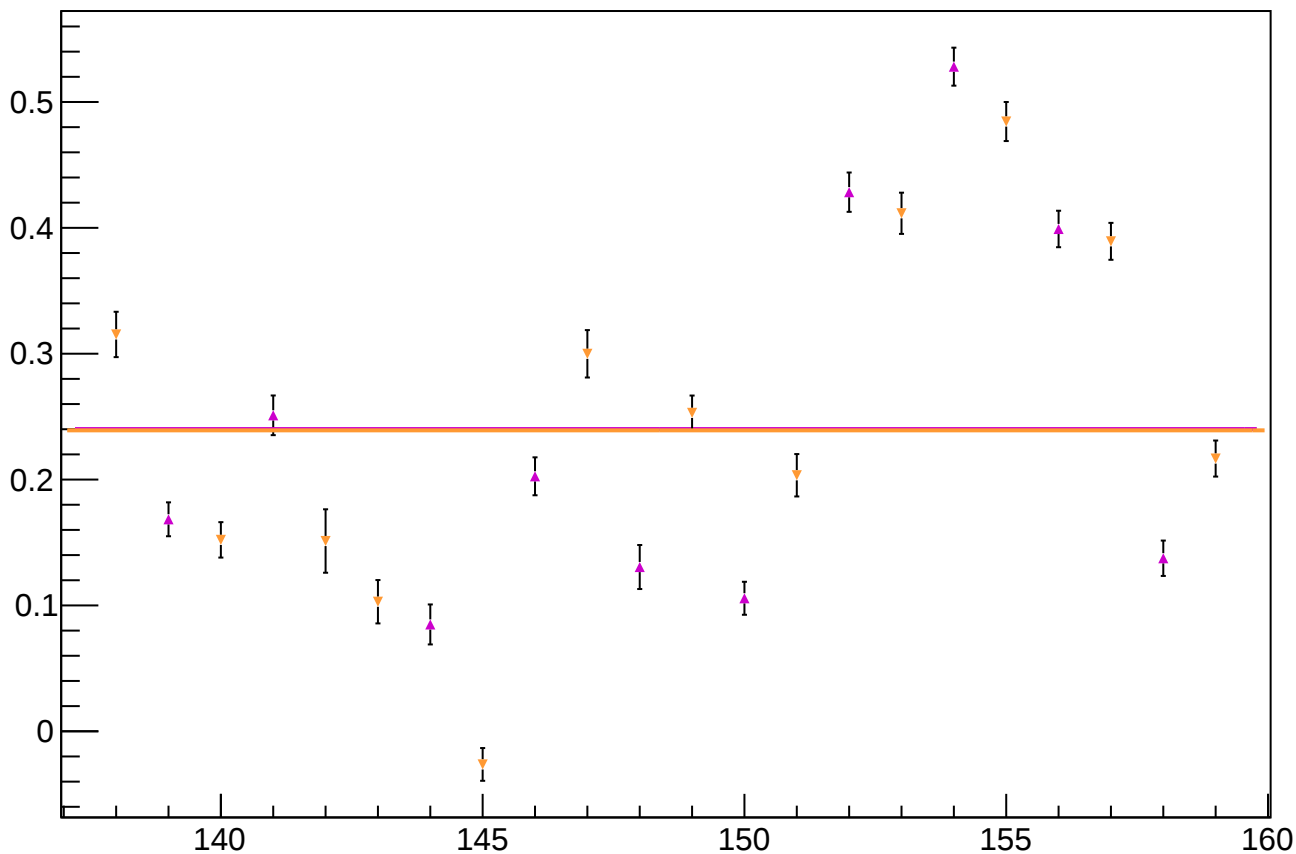
Left In: -56.908+/-0.101 χ^2/NDF : 1902.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.592+/-0.070 χ^2/NDF : 3758.5/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

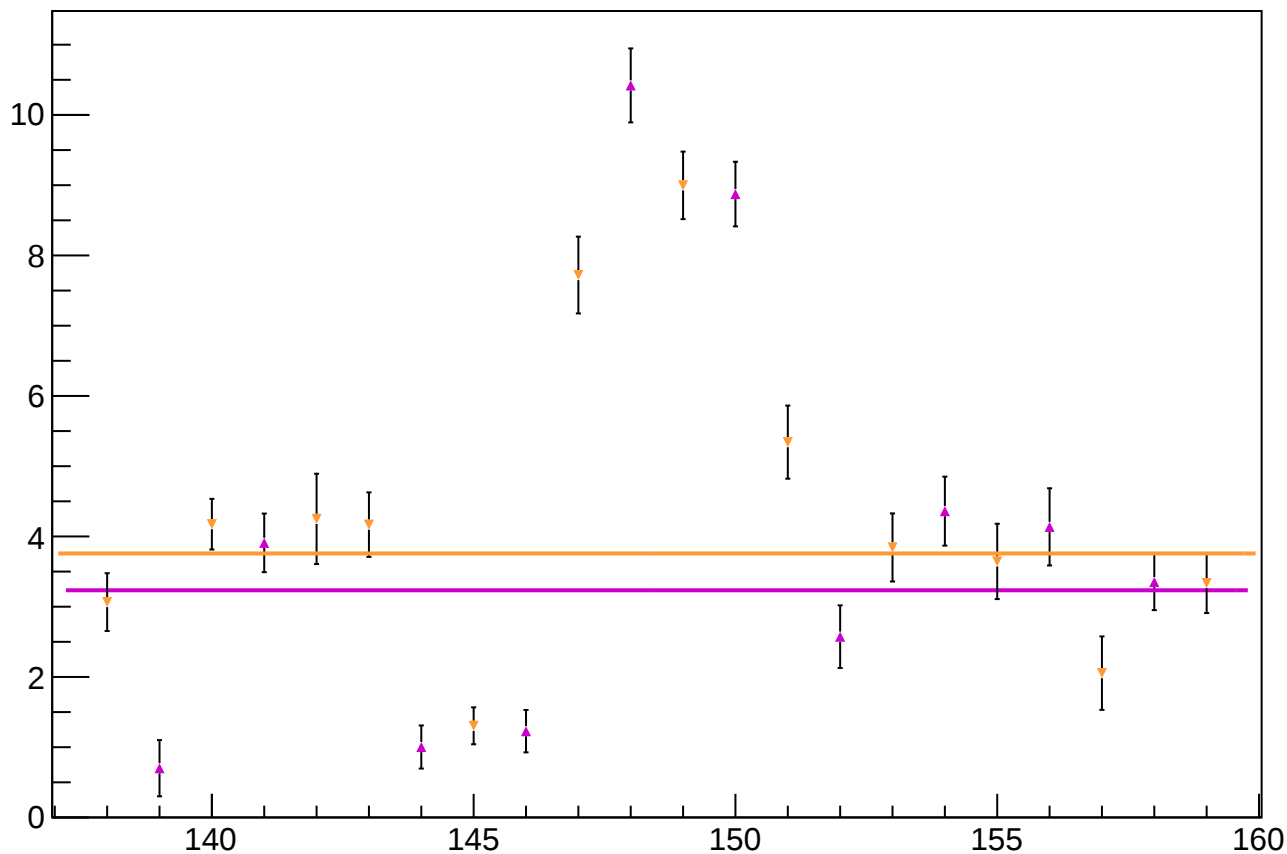
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.239 $\pm$ 0.005 χ^2 /NDF:1031.1/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.240 $\pm$ 0.005 χ^2 /NDF:957.9/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.240 $\pm$ 0.003 χ^2 /NDF: 1989.0/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

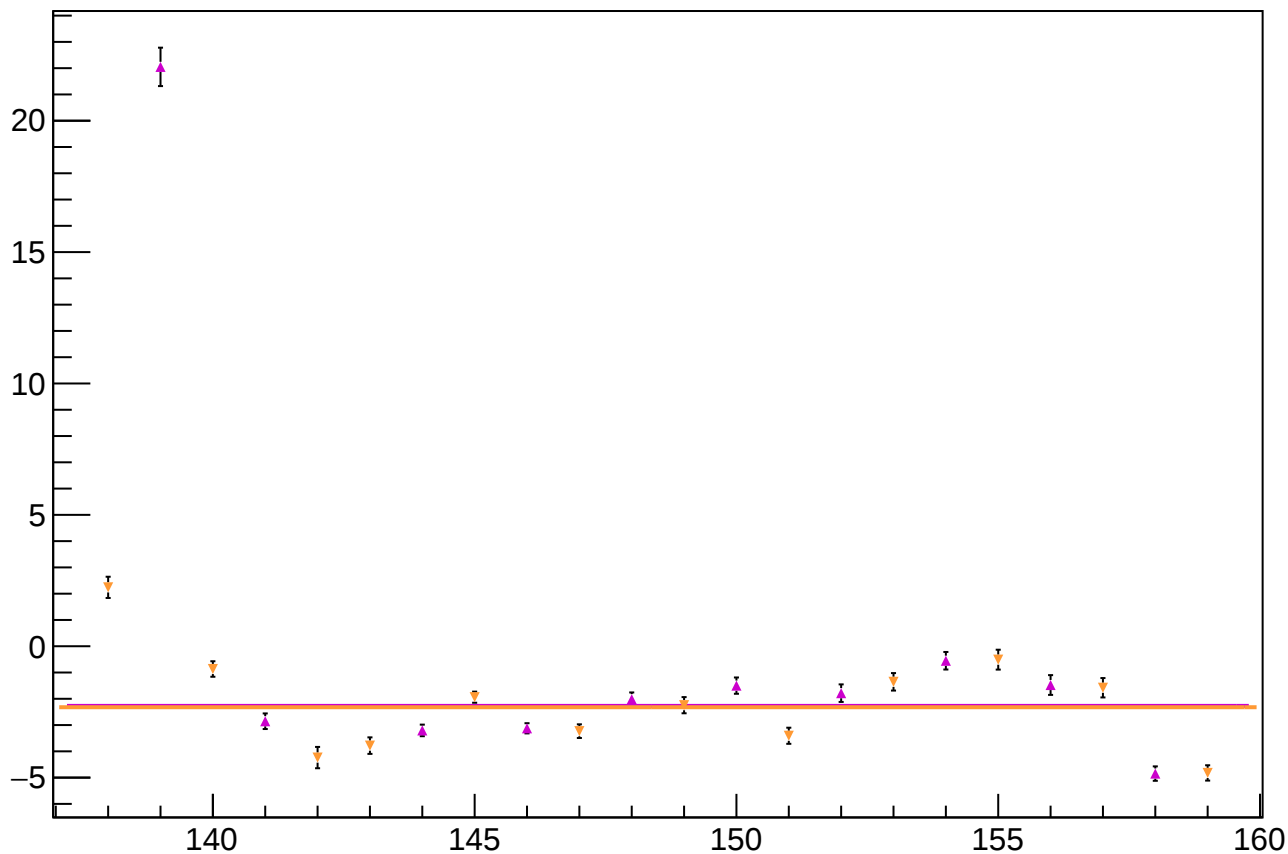
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.758 $\pm$ 0.125 χ^2 /NDF:285.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.234 $\pm$ 0.128 χ^2 /NDF:486.5/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.502 $\pm$ 0.090 χ^2 /NDF: 780.0/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.321+/-0.089 χ^2/NDF : 332.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

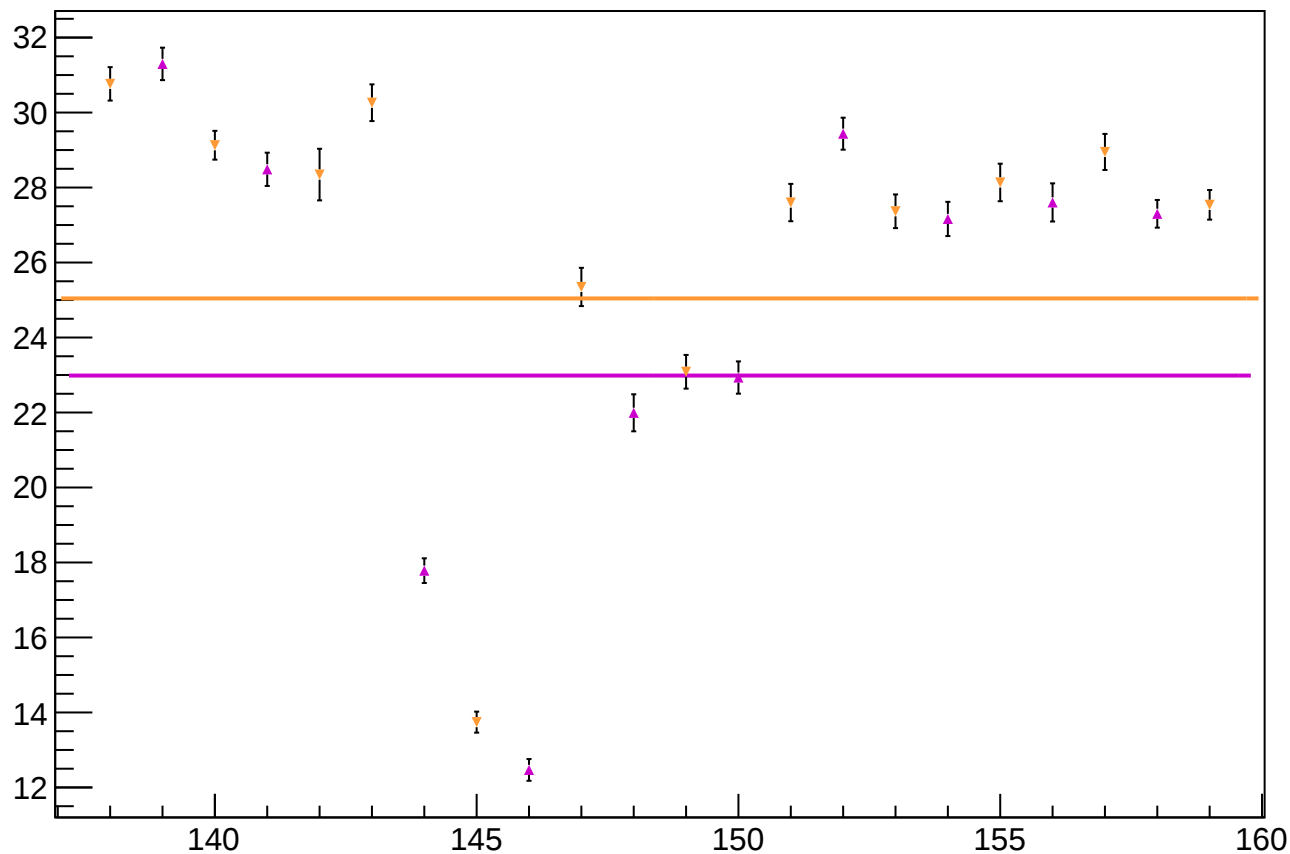
Left In: -2.271+/-0.090 χ^2/NDF : 1276.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.296+/-0.063 χ^2/NDF : 1609.0/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 25.042+/-0.126 χ^2/NDF : 2256.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

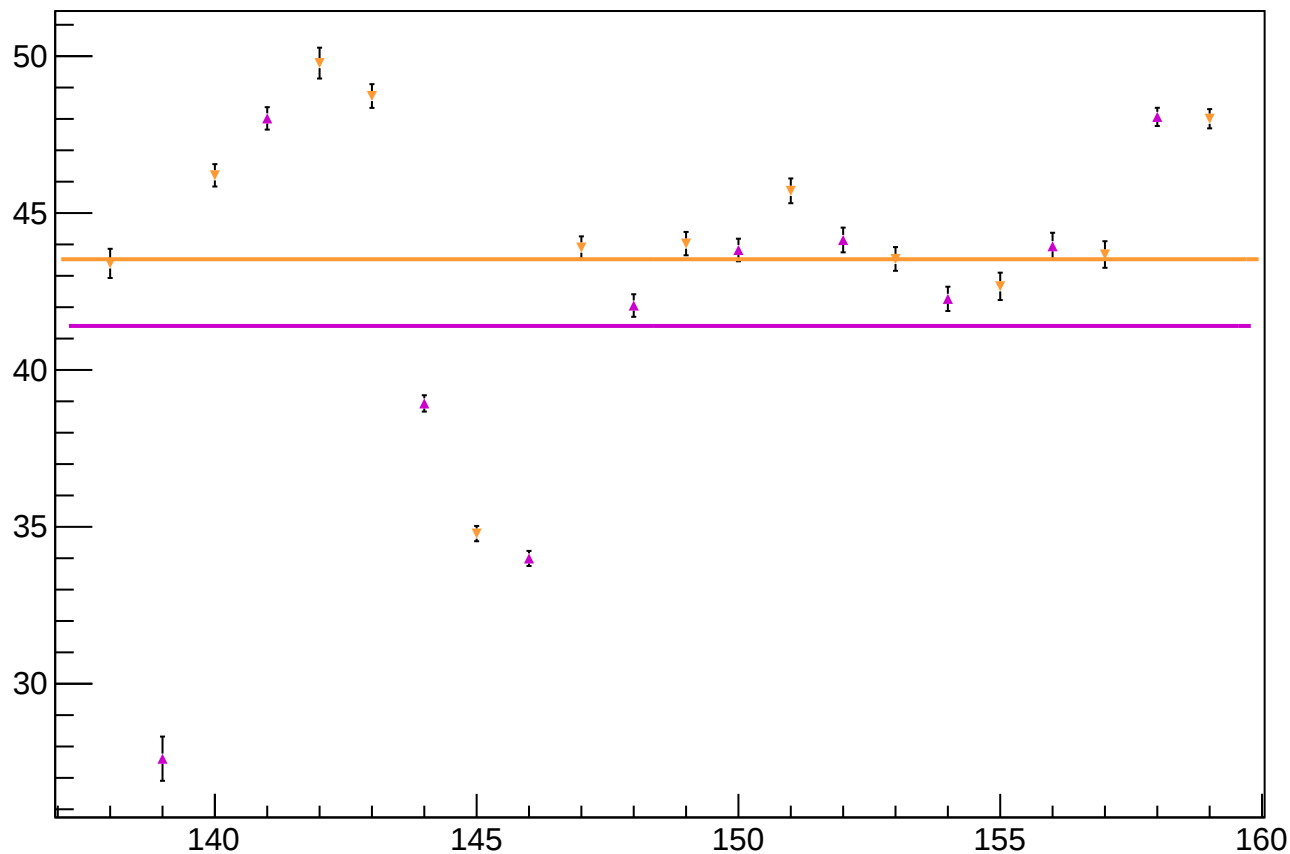
Left In: 22.985+/-0.126 χ^2/NDF : 2622.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.020+/-0.089 χ^2/NDF : 5012.0/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 43.529+/-0.105 χ^2/NDF :1941.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

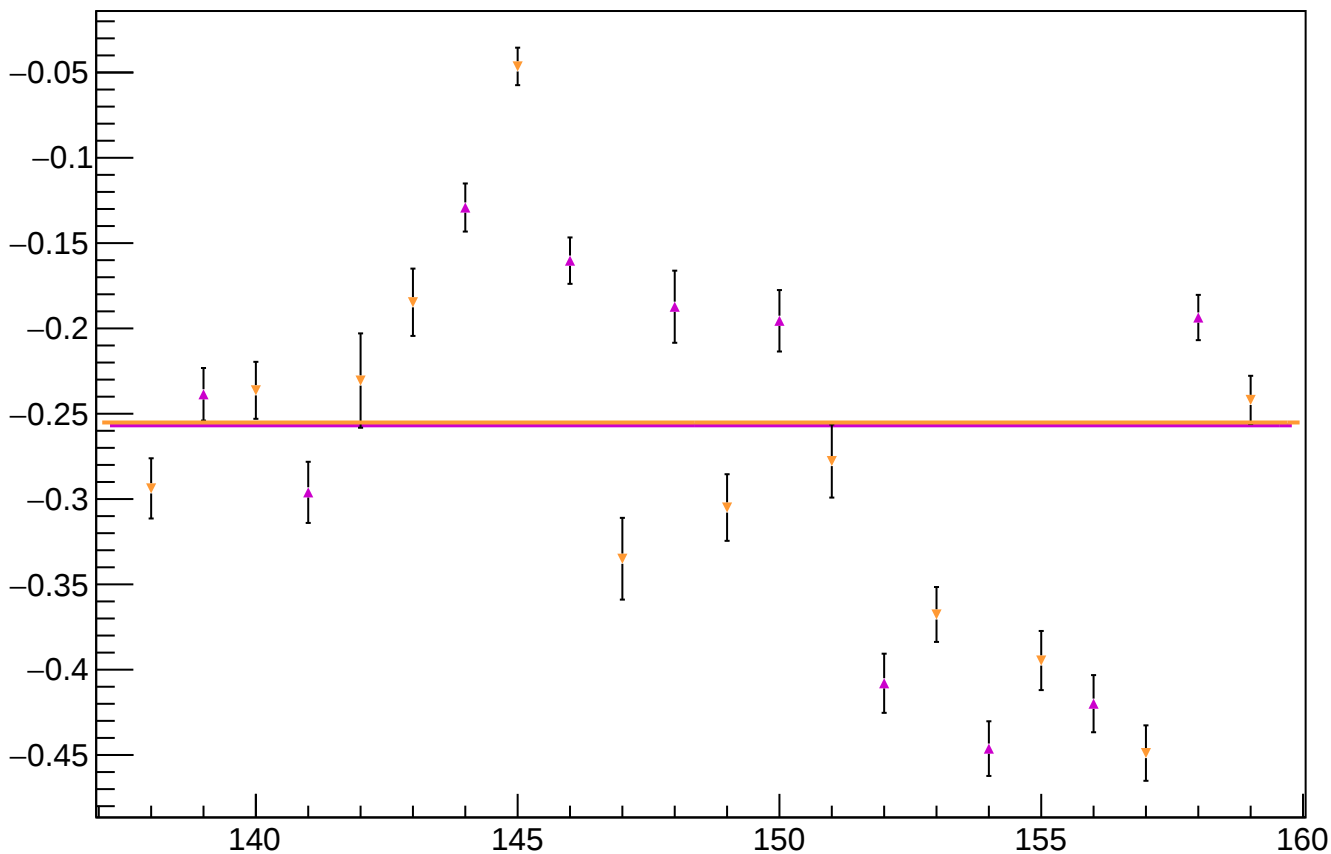
Left In: 41.403+/-0.107 χ^2/NDF :2430.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.481+/-0.075 χ^2/NDF : 4572.9/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.255+/-0.005 χ^2/NDF : 656.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

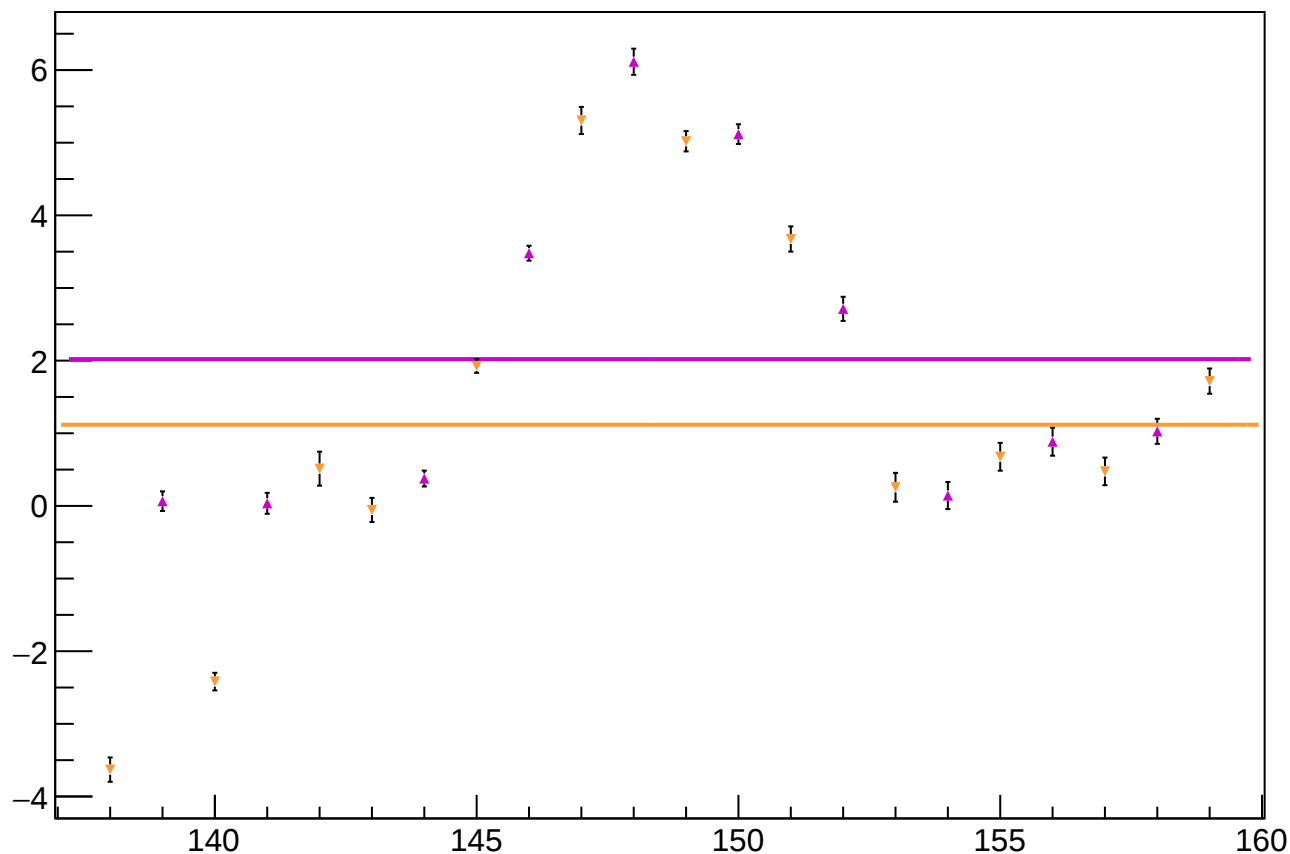
Left In: -0.257+/-0.005 χ^2/NDF : 494.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.256+/-0.004 χ^2/NDF : 1150.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

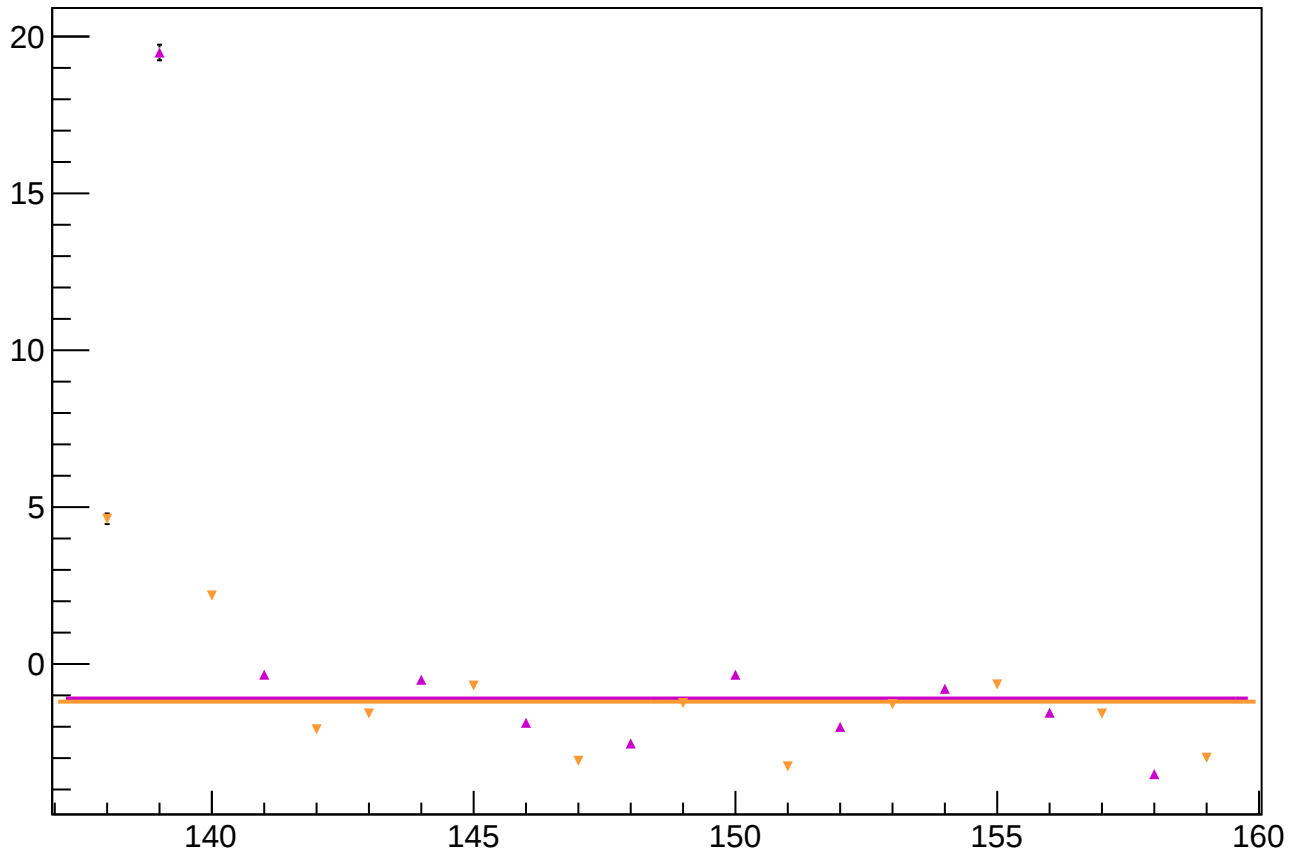
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.118 $\pm$ 0.045 χ^2 /NDF:3331.4/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.021 $\pm$ 0.045 χ^2 /NDF:2052.5/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 1.567 $\pm$ 0.032 χ^2 /NDF: 5585.8/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

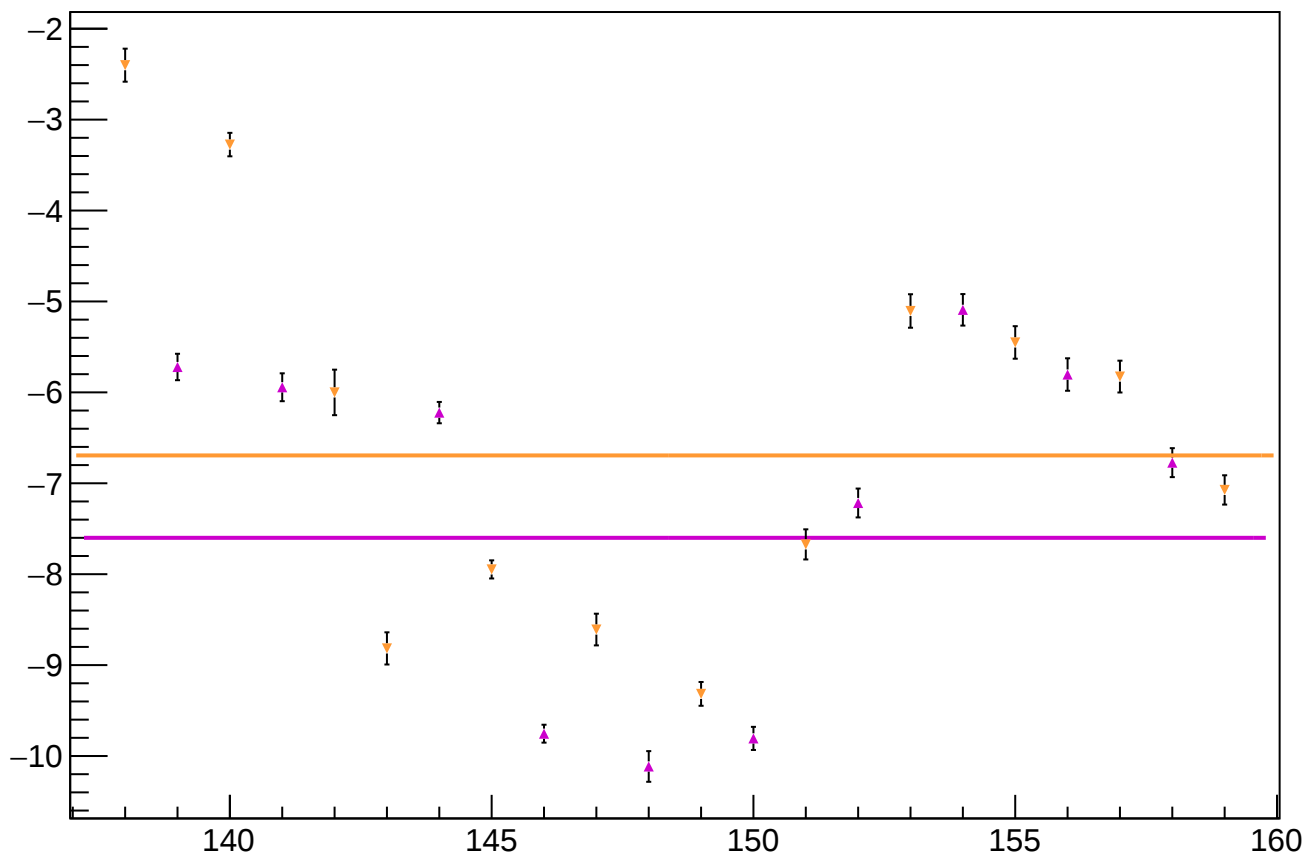
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.200+/-0.032 χ^2/NDF : 3516.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.101+/-0.032 χ^2/NDF : 7886.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.151+/-0.022 χ^2/NDF : 11408.0/21
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

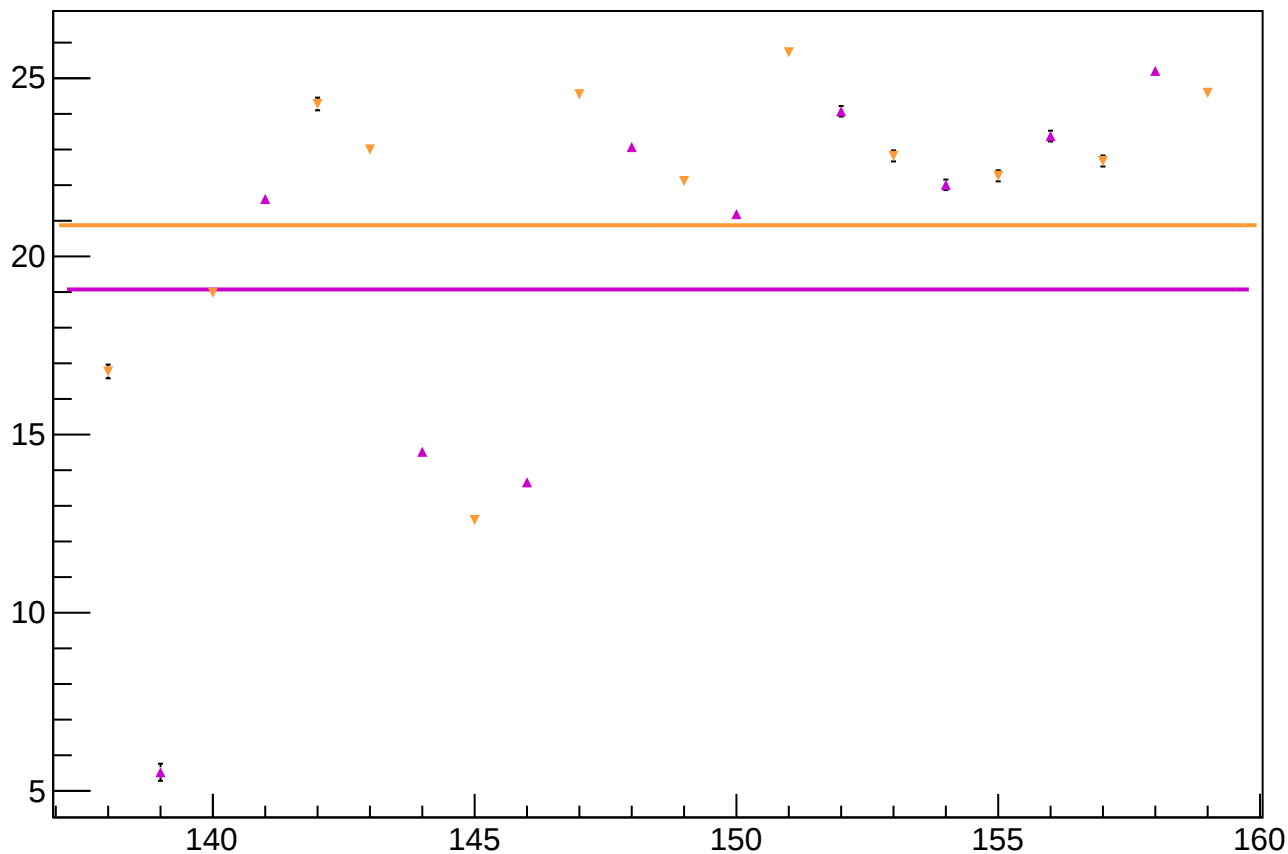
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.694+/-0.045 χ^2/NDF : 2280.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.600+/-0.044 χ^2/NDF : 1766.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.150+/-0.032 χ^2/NDF : 4253.6/21
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 20.875+/-0.038 χ^2/NDF :13729.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

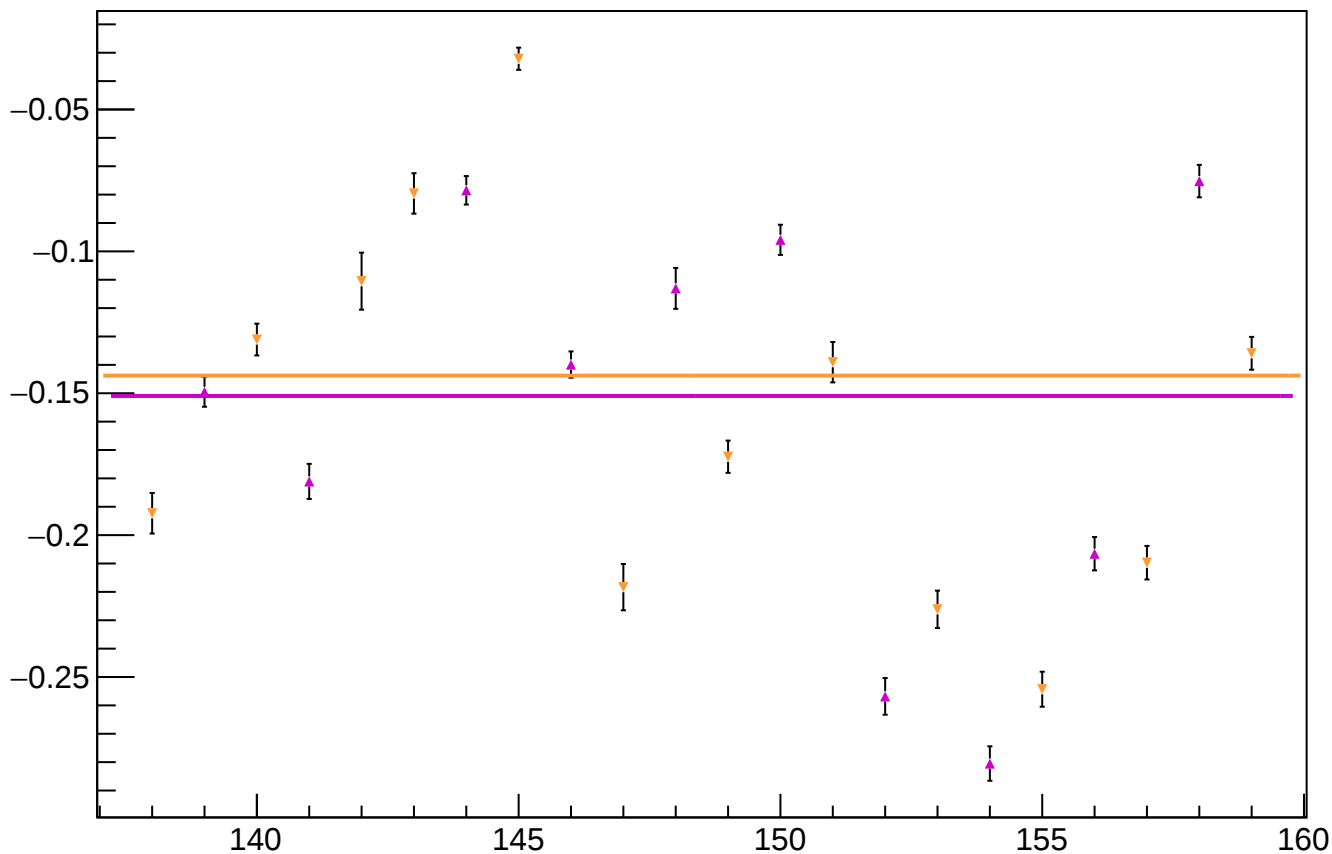
Left In: 19.073+/-0.038 χ^2/NDF :16532.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.977+/-0.027 χ^2/NDF : 31402.9/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

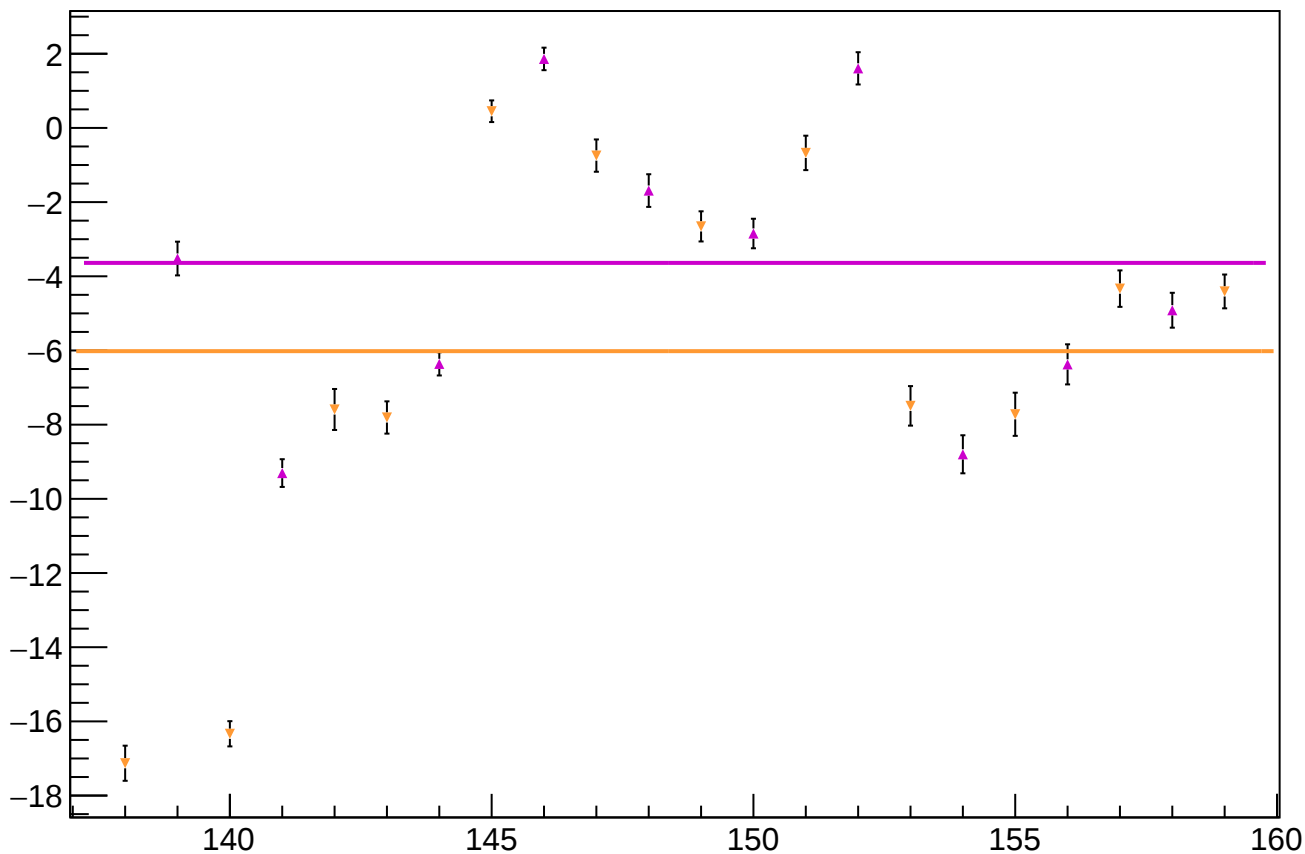
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -0.144 ± 0.002 $\chi^2/\text{NDF}: 1672.3/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -0.151 ± 0.002 $\chi^2/\text{NDF}: 1358.9/9$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.147 ± 0.001 $\chi^2/\text{NDF}: 3039.4/21$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

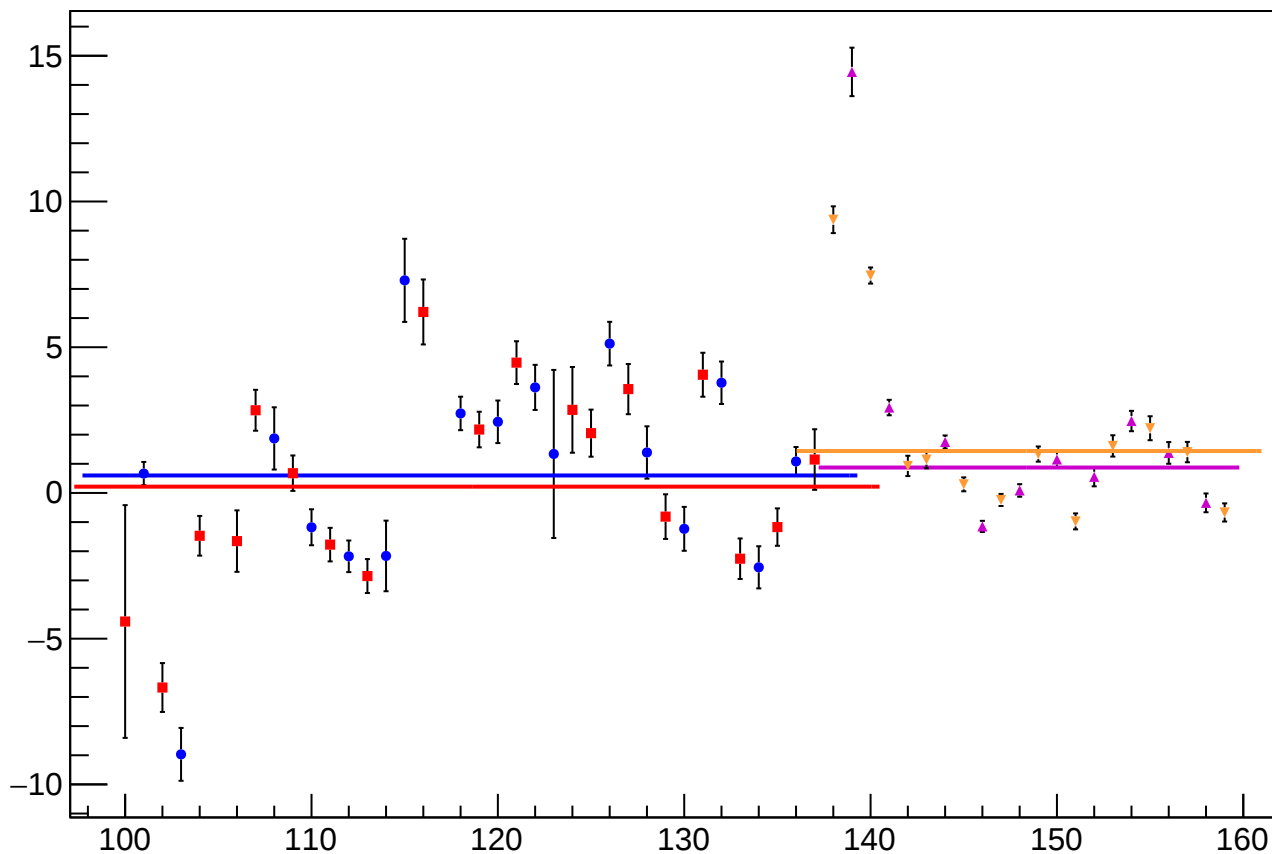
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.018 $\pm$ 0.124 χ^2 /NDF:2374.8/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.639 $\pm$ 0.127 χ^2 /NDF:937.0/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -4.859 $\pm$ 0.089 χ^2 /NDF: 3490.6/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.600 ± 0.169 $\chi^2/\text{NDF}: 291.9/16$

Left Out: 1.438 ± 0.085 $\chi^2/\text{NDF}: 992.8/11$

Right Out: 0.216 ± 0.175 $\chi^2/\text{NDF}: 274.5/18$

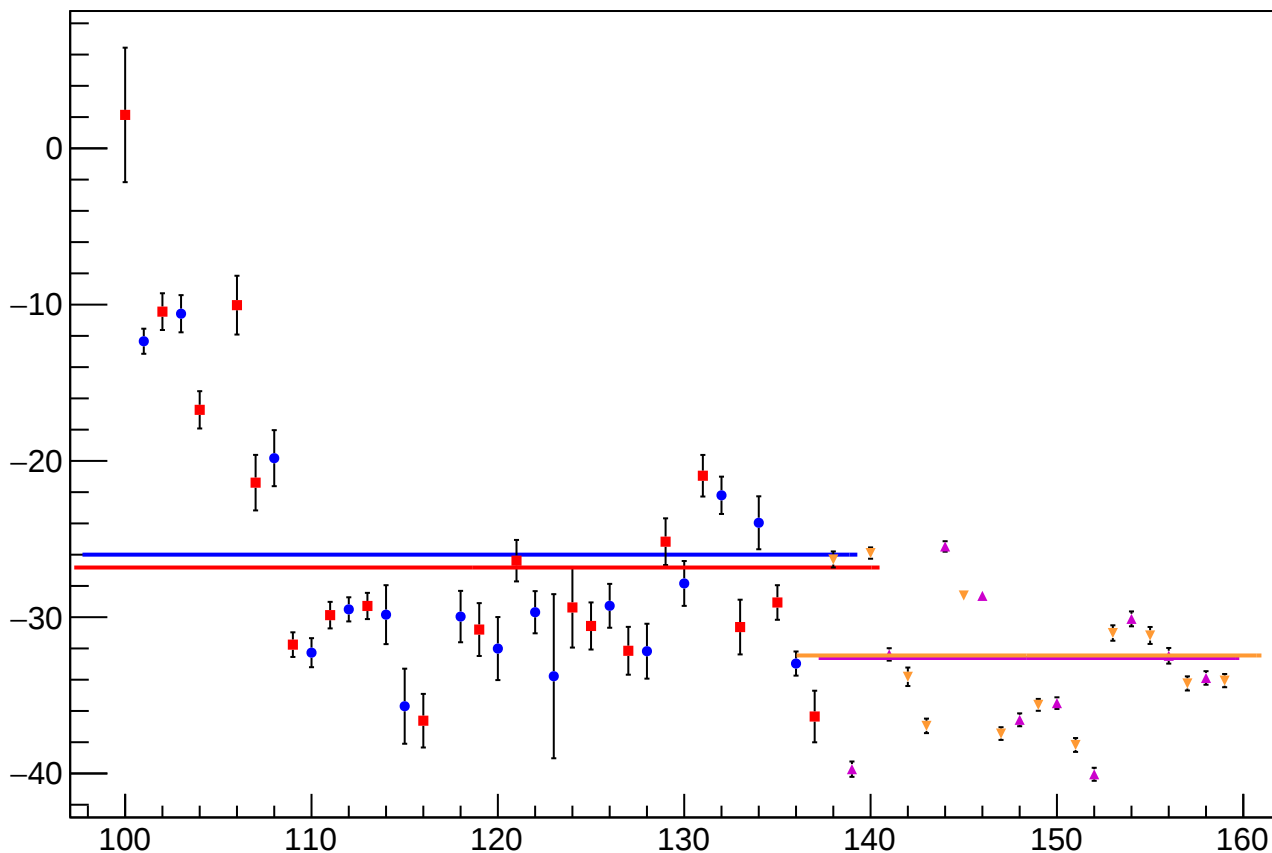
Left In: 0.872 ± 0.087 $\chi^2/\text{NDF}: 506.1/9$

+ sign 1.269 ± 0.076 $\chi^2/\text{NDF}: 1304.3/28$

All: 1.011 ± 0.054 $\chi^2/\text{NDF}: 2119.8/57$

- sign 0.743 ± 0.078 $\chi^2/\text{NDF}: 792.0/28$

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.450 ± 0.124 χ^2/NDF : 1155.0/11

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

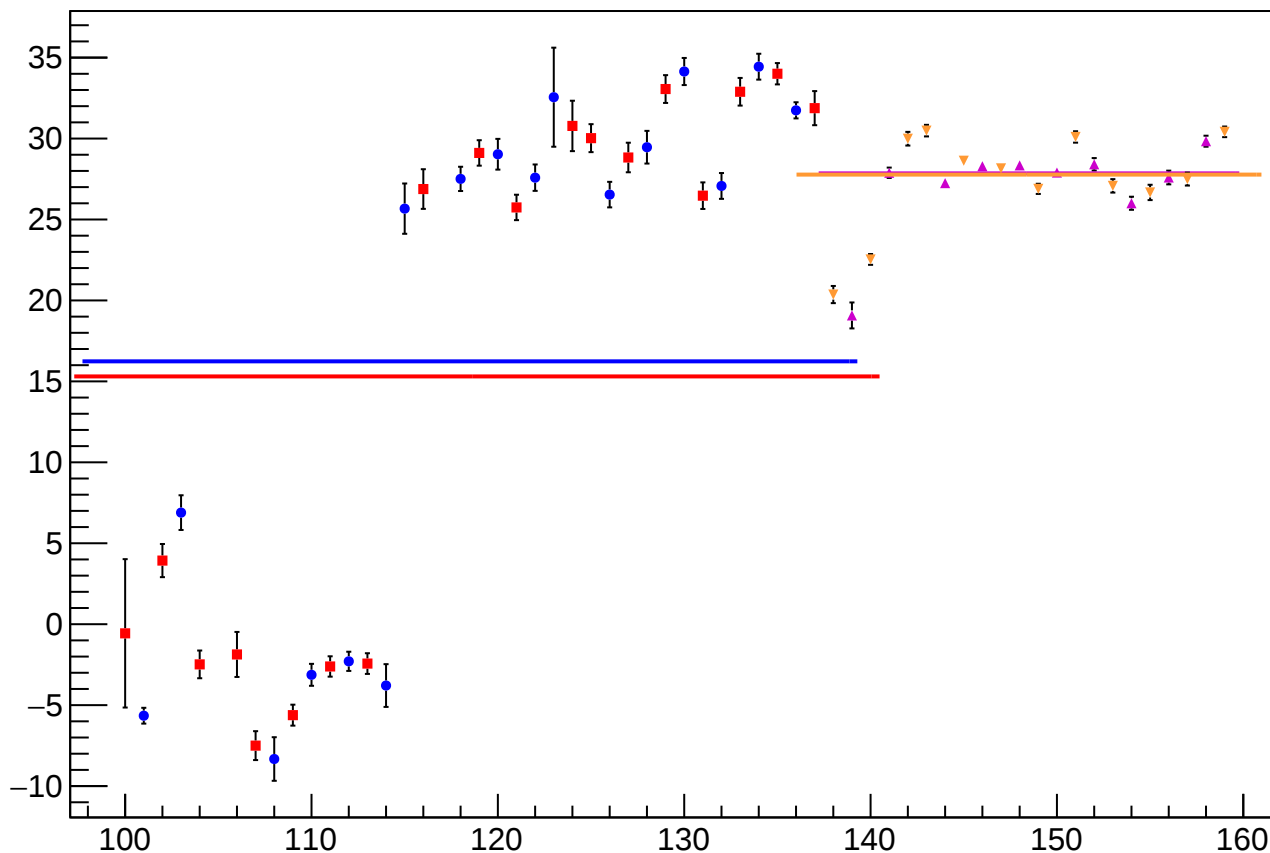
Left In: -32.611 ± 0.125 χ^2/NDF : 1356.6/9

+ sign -31.513 ± 0.114 χ^2/NDF : 2242.7/28

All: -31.625 ± 0.081 χ^2/NDF : 4503.7/57

- sign -31.739 ± 0.115 χ^2/NDF : 2259.1/28

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.773 $\pm$ 0.102 χ^2 /NDF:662.8/11

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

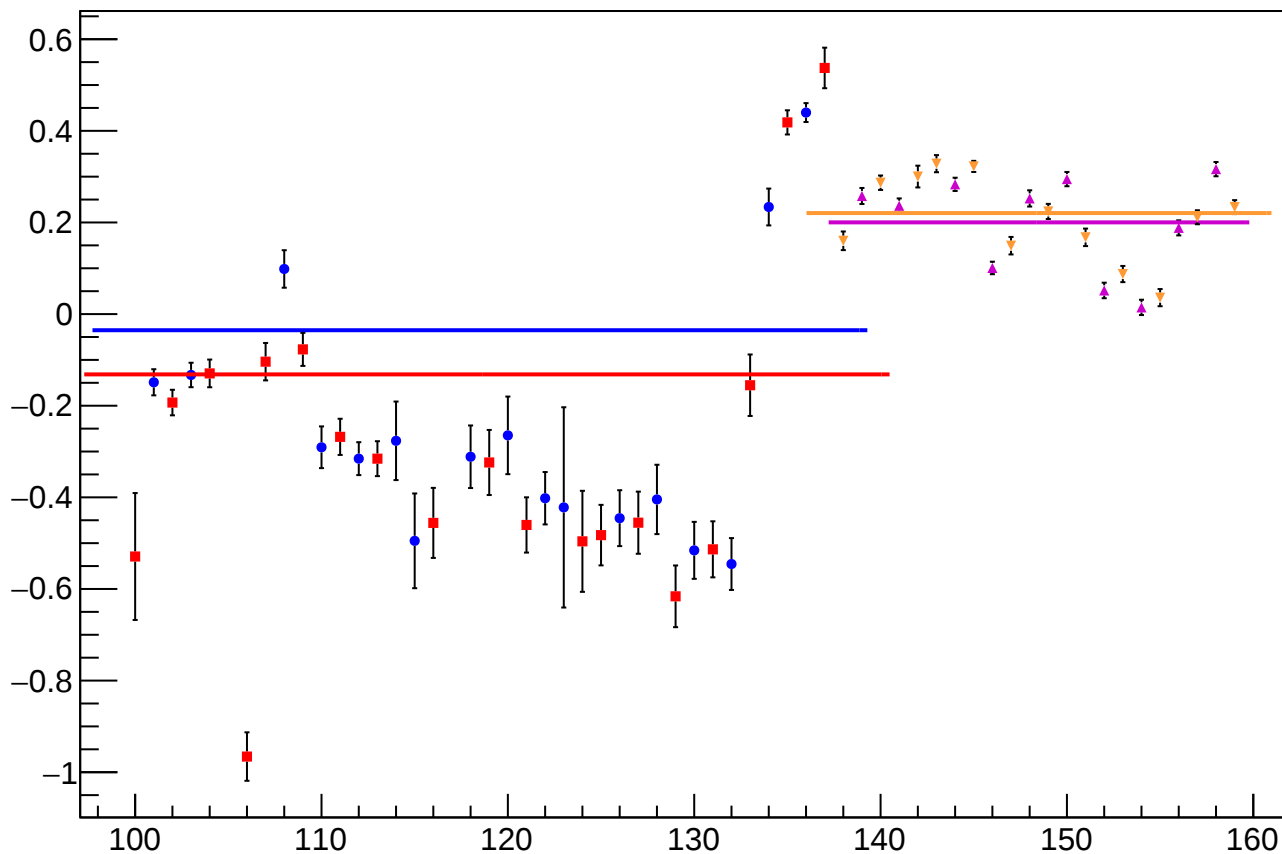
Left In: 27.850 $\pm$ 0.104 χ^2 /NDF:188.6/9

+ sign 25.206 $\pm$ 0.090 χ^2 /NDF: 11067.5/28

All: 25.152 $\pm$ 0.065 χ^2 /NDF: 21693.7/57

- sign 25.095 $\pm$ 0.092 χ^2 /NDF: 10625.5/28

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.221 ± 0.005 χ^2/NDF : 317.7/11

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

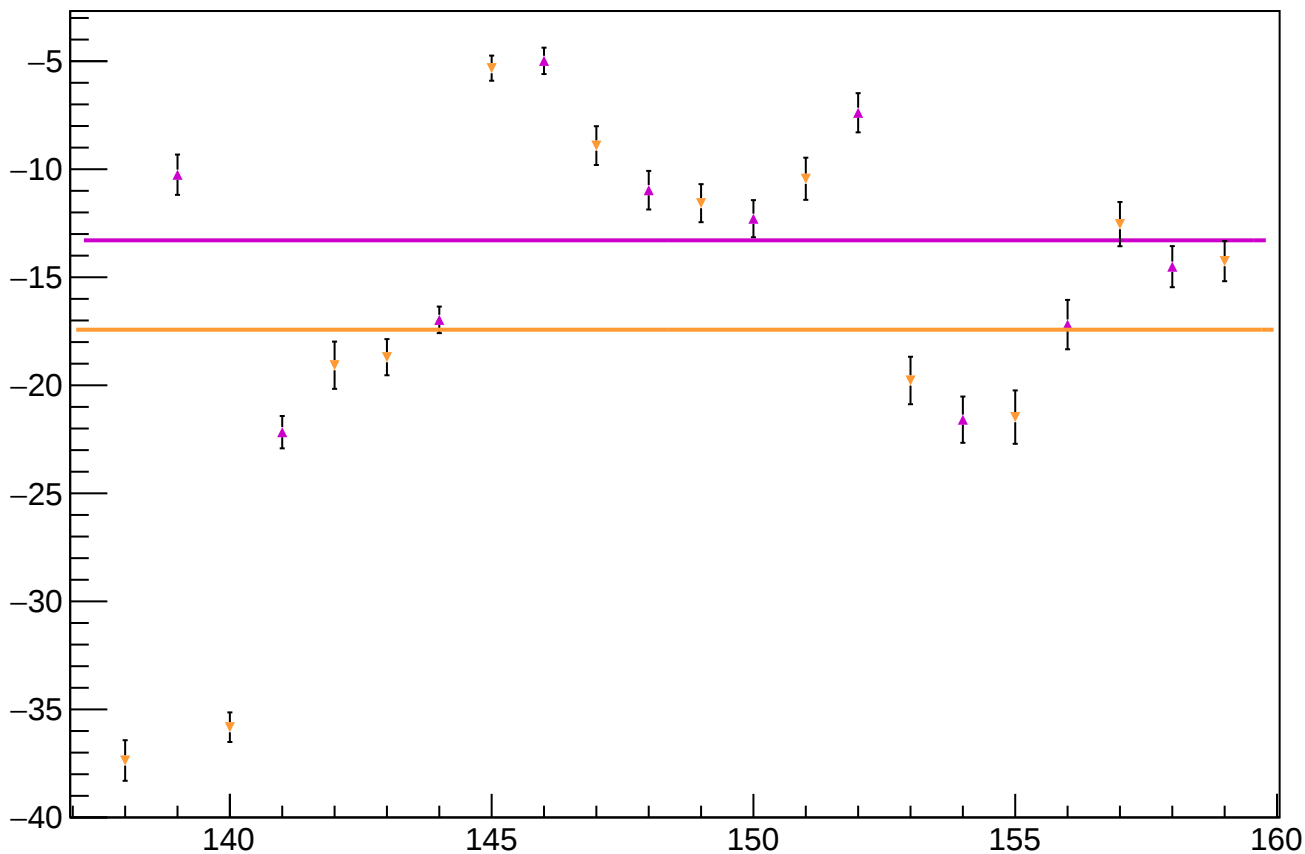
Left In: 0.200 ± 0.005 χ^2/NDF : 403.2/9

+ sign 0.174 ± 0.004 χ^2/NDF : 1832.4/28

All: 0.156 ± 0.003 χ^2/NDF : 4268.9/57

- sign 0.137 ± 0.005 χ^2/NDF : 2402.8/28

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.427+/-0.253 χ^2/NDF :1845.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

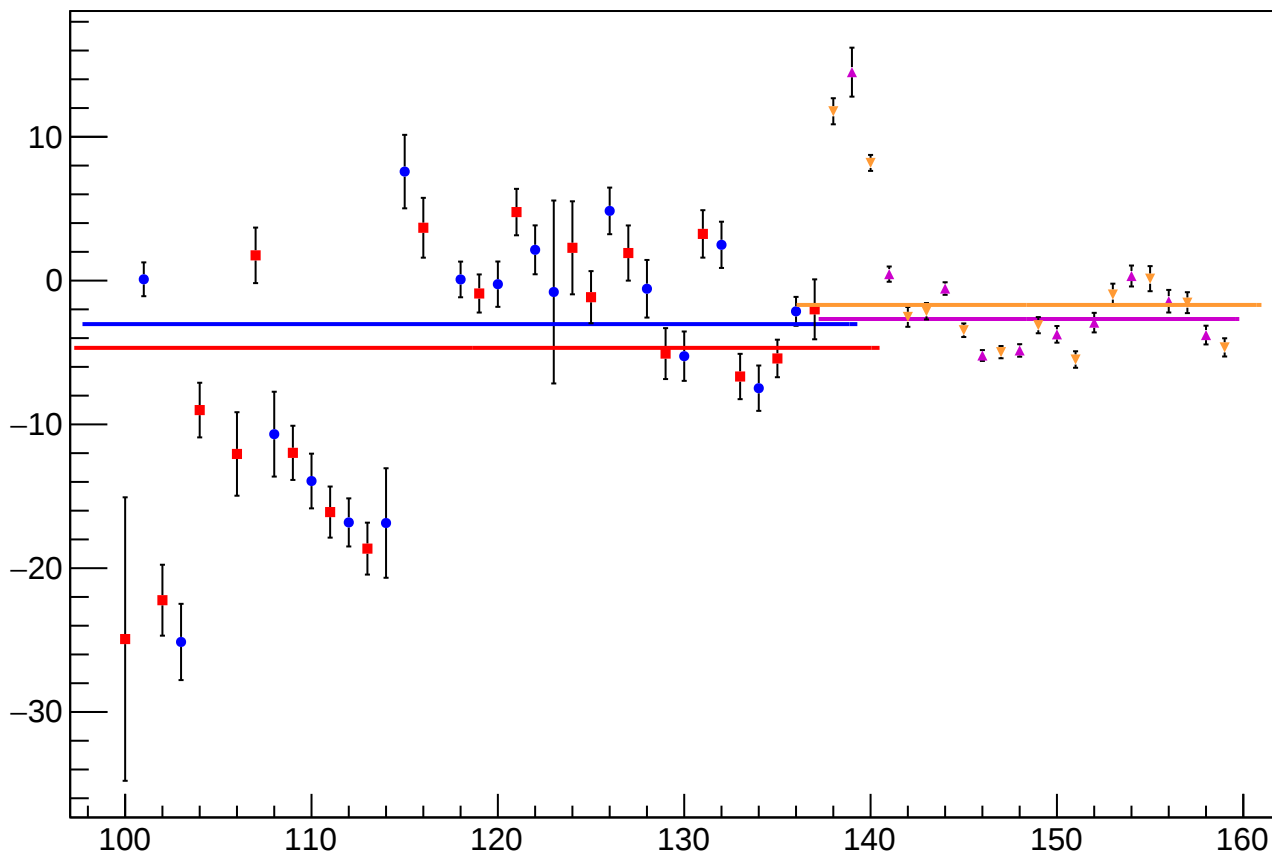
Left In: -13.291+/-0.260 χ^2/NDF :496.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.415+/-0.181 χ^2/NDF : 2471.9/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: -1.692 ± 0.173 $\chi^2/\text{NDF}: 689.5/11$

Right Out: -4.678 ± 0.426 $\chi^2/\text{NDF}: 299.1/18$

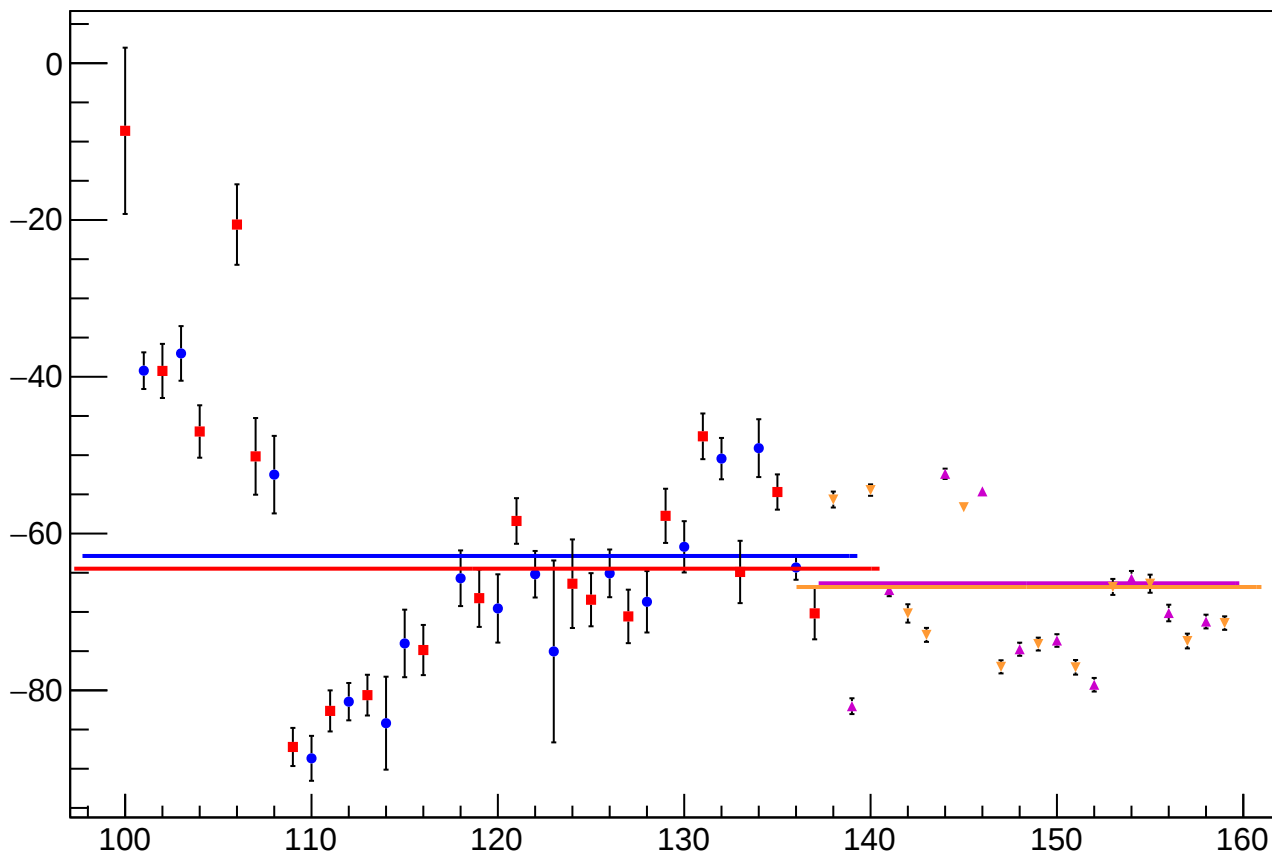
Left In: -2.670 ± 0.176 $\chi^2/\text{NDF}: 256.0/9$

+ sign -1.896 ± 0.160 $\chi^2/\text{NDF}: 979.2/28$

All: -2.419 ± 0.114 $\chi^2/\text{NDF}: 1575.2/57$

- sign -2.961 ± 0.162 $\chi^2/\text{NDF}: 574.1/28$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -66.818 ± 0.252 $\chi^2/\text{NDF}: 1163.3/11$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

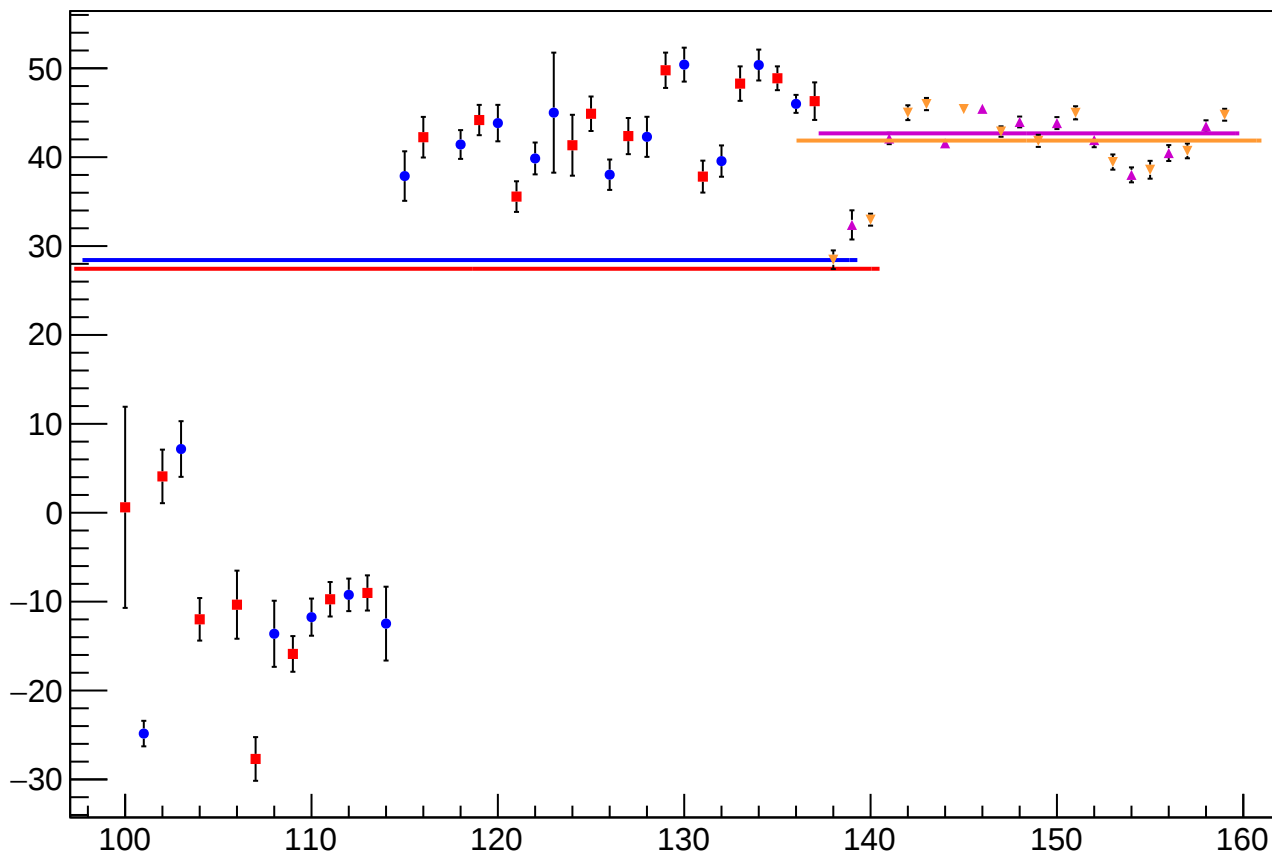
Left In: -66.344 ± 0.256 $\chi^2/\text{NDF}: 1542.8/9$

+ sign -66.405 ± 0.239 $\chi^2/\text{NDF}: 1556.8/28$

All: -66.279 ± 0.170 $\chi^2/\text{NDF}: 3549.6/57$

- sign -66.150 ± 0.242 $\chi^2/\text{NDF}: 1992.3/28$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.868 $\pm$ 0.209 χ^2 /NDF: 491.5/11

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

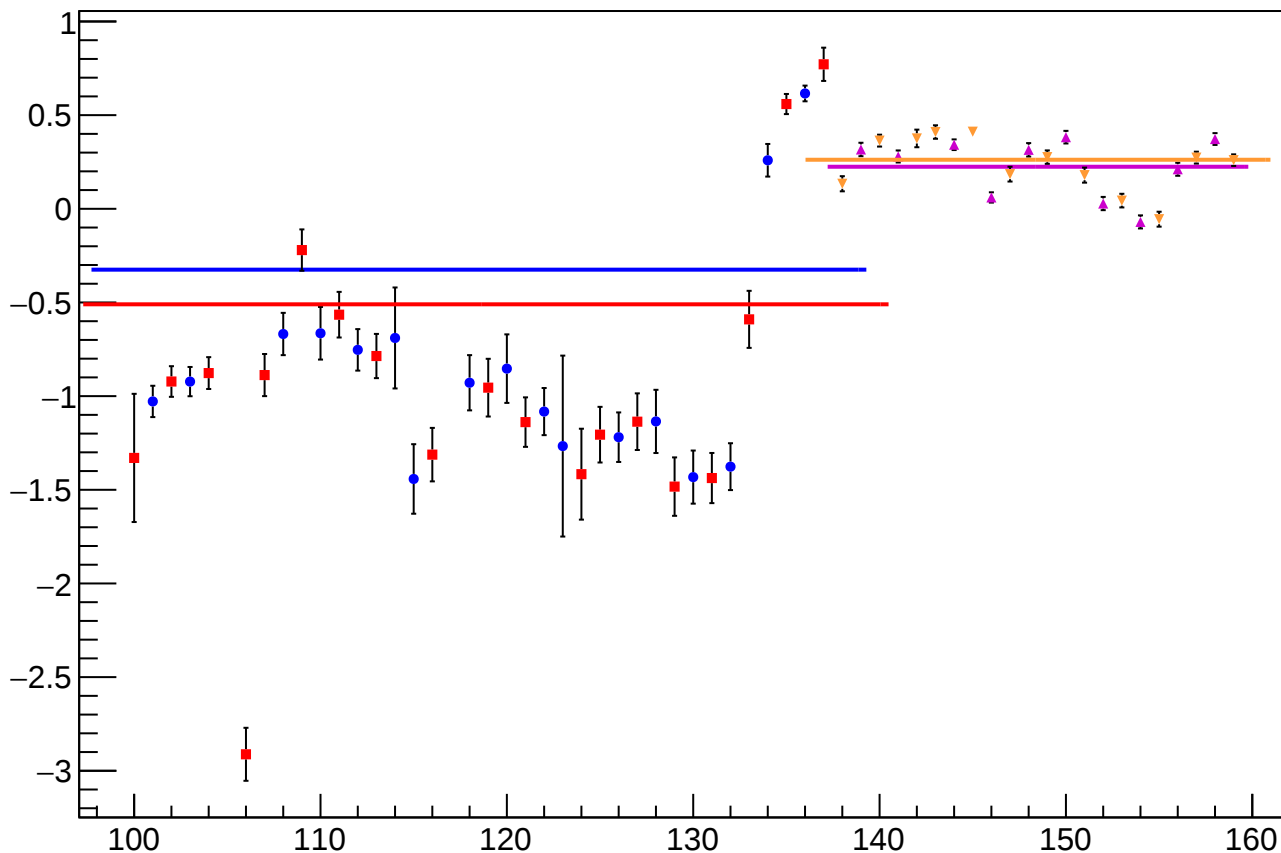
Left In: 42.677 $\pm$ 0.212 χ^2 /NDF: 125.0/9

+ sign 39.555 $\pm$ 0.190 χ^2 /NDF: 4527.6/28

All: 39.856 $\pm$ 0.136 χ^2 /NDF: 8538.4/57

- sign 40.170 $\pm$ 0.194 χ^2 /NDF: 4005.6/28

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.325 ± 0.025 $\chi^2/\text{NDF}: 1011.7/16$

Left Out: 0.262 ± 0.010 $\chi^2/\text{NDF}: 188.9/11$

Right Out: -0.510 ± 0.026 $\chi^2/\text{NDF}: 1169.1/18$

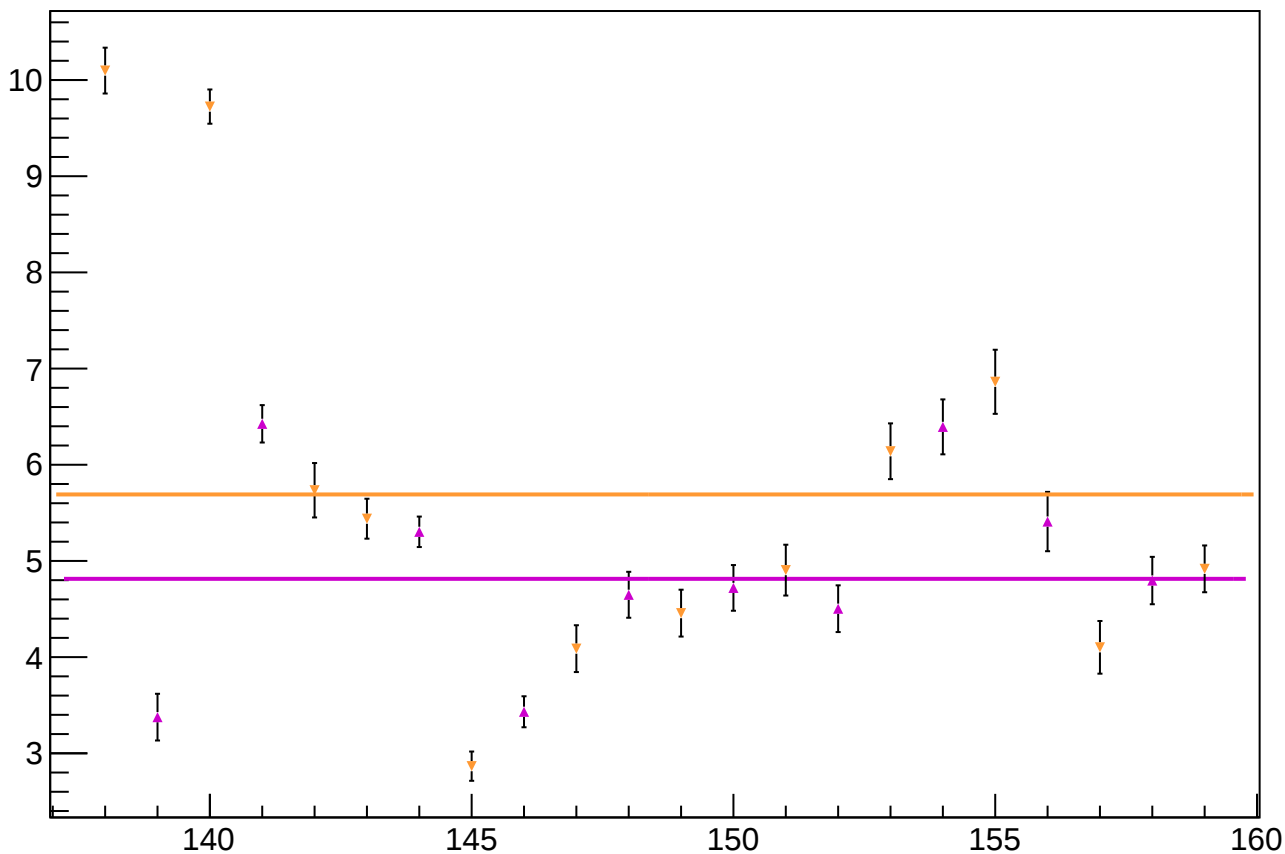
Left In: 0.225 ± 0.010 $\chi^2/\text{NDF}: 214.8/9$

+ sign 0.180 ± 0.009 $\chi^2/\text{NDF}: 1678.2/28$

All: 0.152 ± 0.007 $\chi^2/\text{NDF}: 3784.4/57$

- sign 0.123 ± 0.010 $\chi^2/\text{NDF}: 2087.4/28$

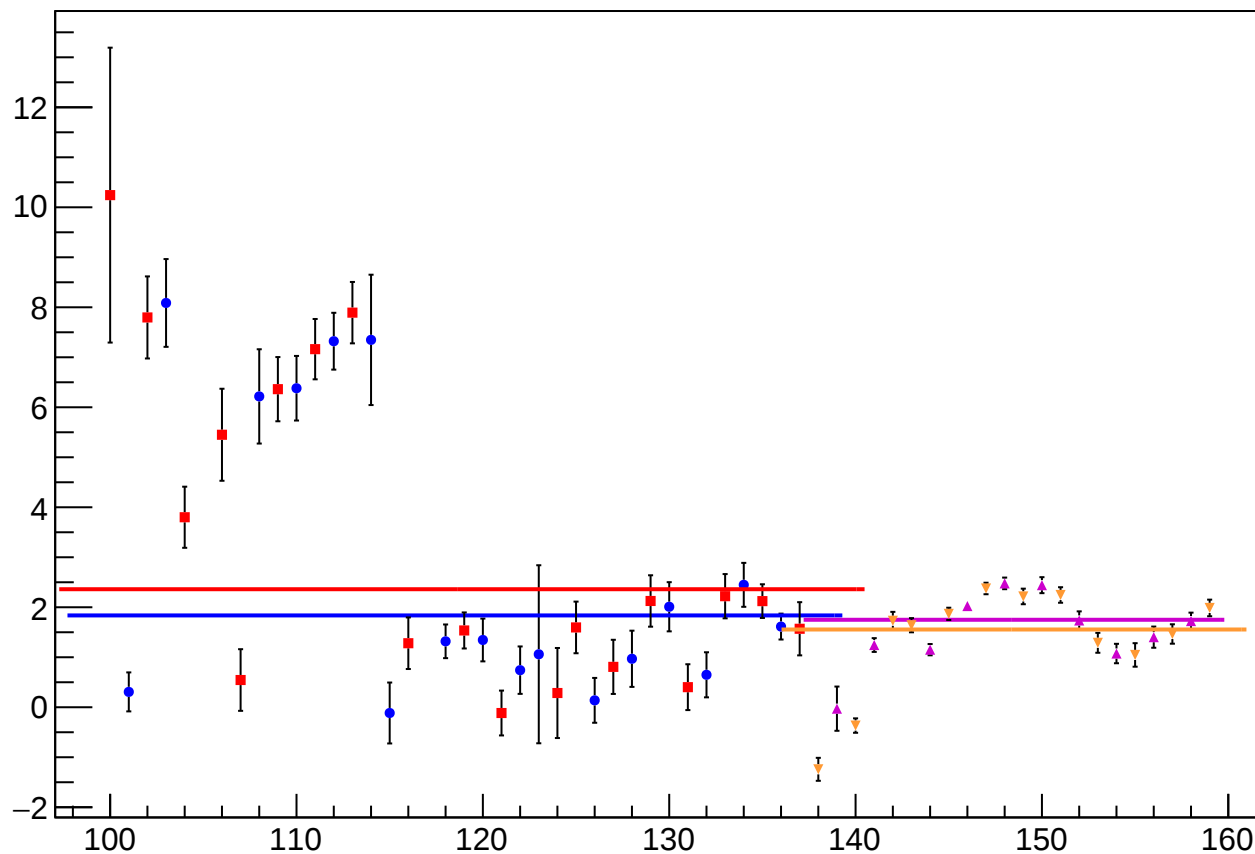
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.691 $\pm$ 0.066 χ^2 /NDF:1337.7/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.814 $\pm$ 0.068 χ^2 /NDF:223.5/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.267 $\pm$ 0.048 χ^2 /NDF: 1645.9/21
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.555 ± 0.046 χ^2/NDF : 435.5/11

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

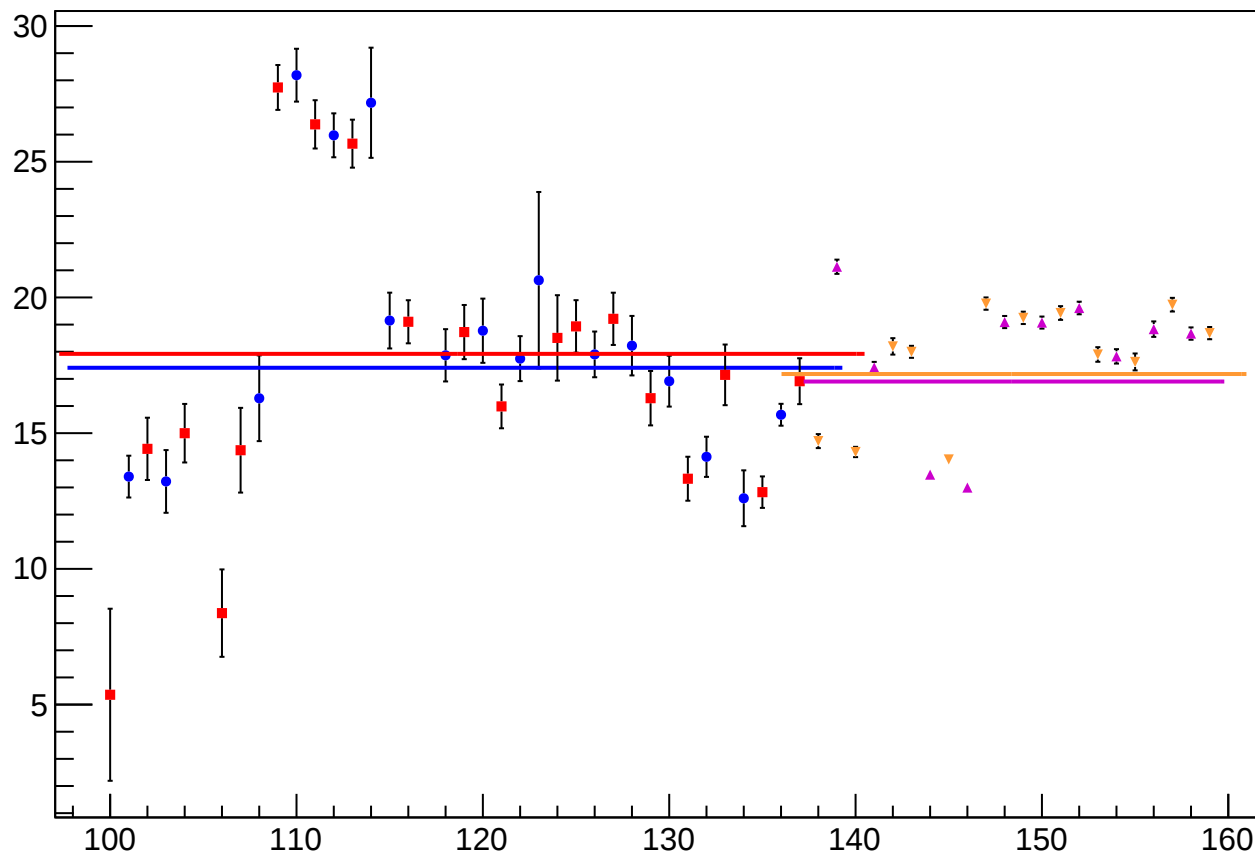
Left In: 1.750 ± 0.046 χ^2/NDF : 138.4/9

+ sign 1.593 ± 0.043 χ^2/NDF : 734.6/28

All: 1.707 ± 0.030 χ^2/NDF : 1246.6/57

- sign 1.826 ± 0.043 χ^2/NDF : 497.2/28

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$

Left Out: 17.179 ± 0.066 $\chi^2/\text{NDF}: 1173.2/11$

Right Out: 17.922 ± 0.219 $\chi^2/\text{NDF}: 506.5/18$

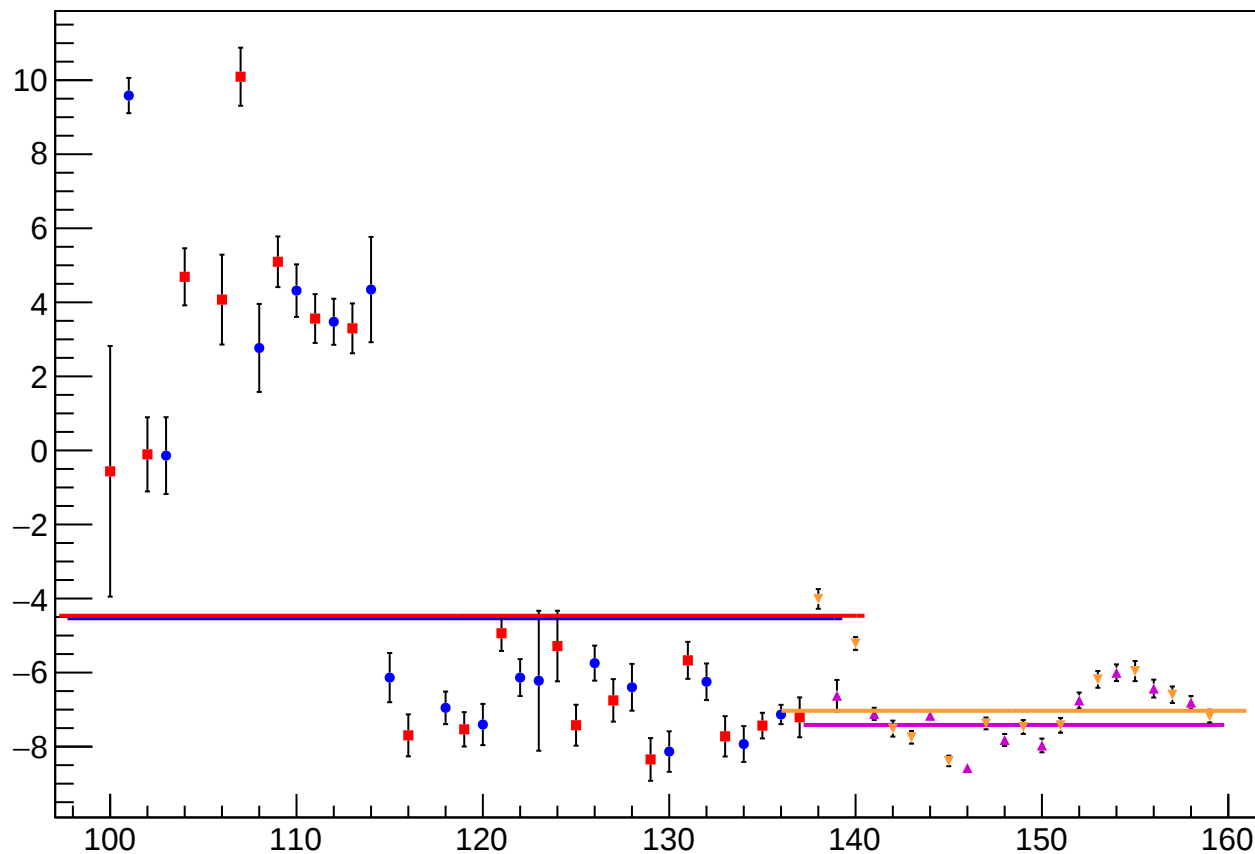
Left In: 16.902 ± 0.068 $\chi^2/\text{NDF}: 1758.2/9$

+ sign 17.200 ± 0.063 $\chi^2/\text{NDF}: 1539.4/28$

All: 17.097 ± 0.045 $\chi^2/\text{NDF}: 3829.2/57$

- sign 16.991 ± 0.065 $\chi^2/\text{NDF}: 2284.5/28$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.032 ± 0.055 χ^2/NDF : 399.5/11

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

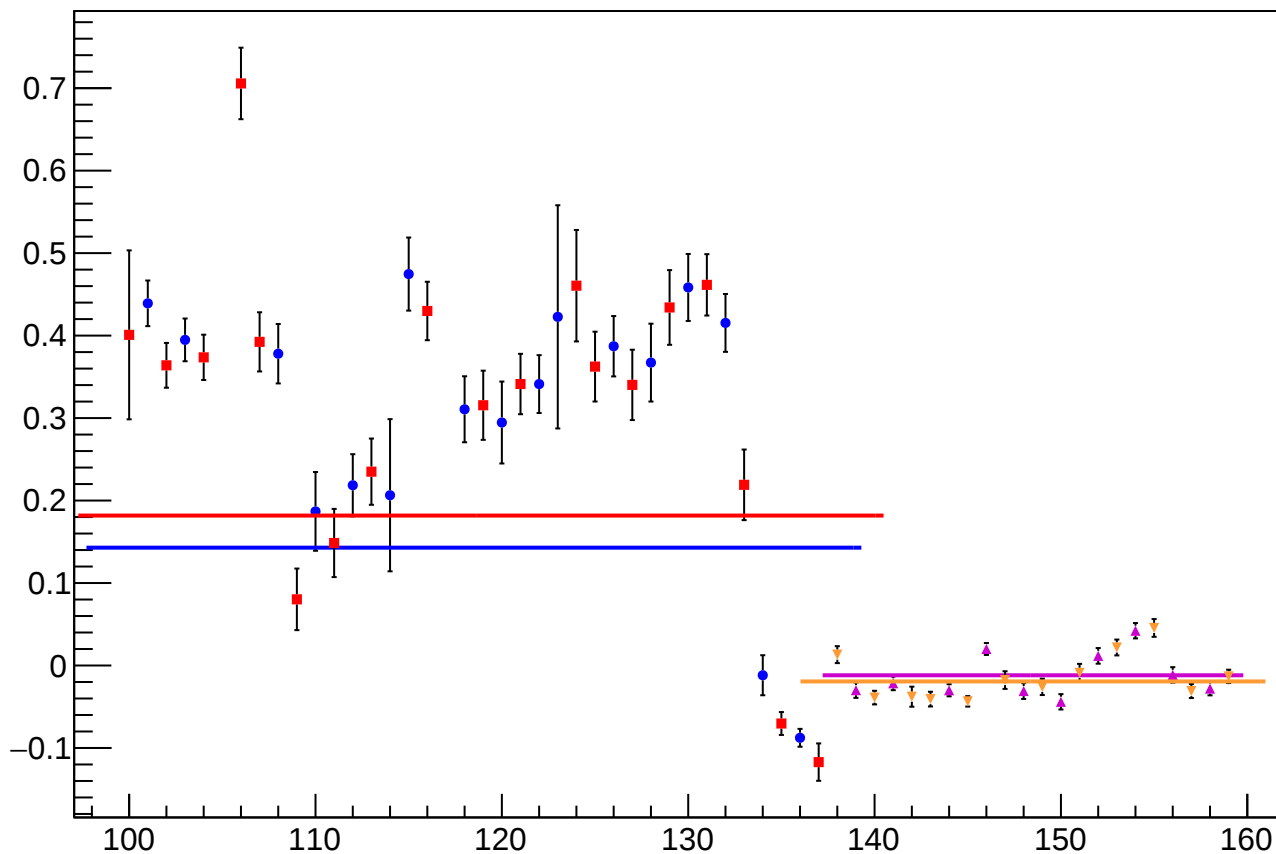
Left In: -7.414 ± 0.056 χ^2/NDF : 189.6/9

+ sign -6.651 ± 0.051 χ^2/NDF : 2302.6/28

All: -6.817 ± 0.036 χ^2/NDF : 4253.0/57

- sign -6.991 ± 0.052 χ^2/NDF : 1928.3/28

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.019 ± 0.003 $\chi^2/\text{NDF}: 96.6/11$

Right Out: 0.182 ± 0.007 $\chi^2/\text{NDF}: 1008.3/18$

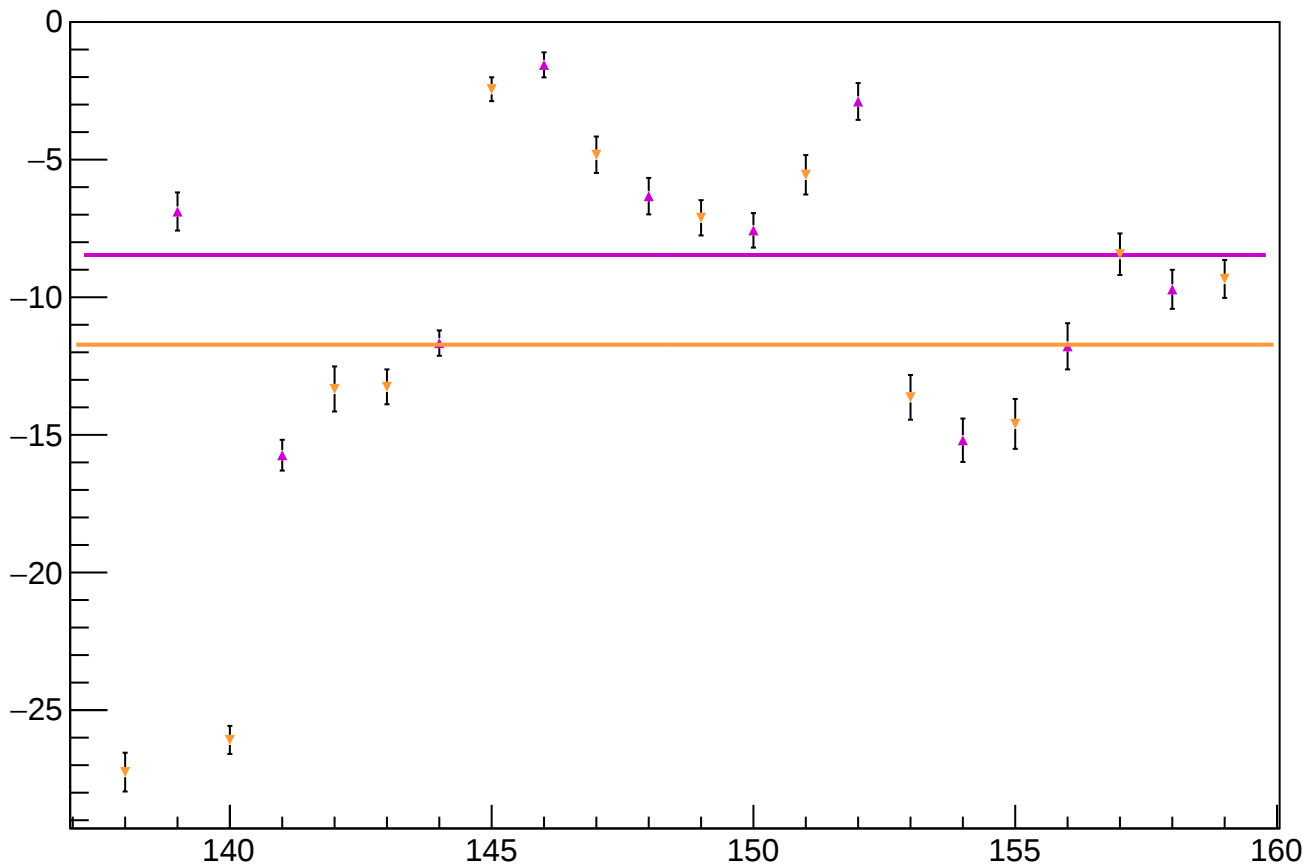
Left In: -0.012 ± 0.003 $\chi^2/\text{NDF}: 90.3/9$

+ sign 0.001 ± 0.002 $\chi^2/\text{NDF}: 1619.4/28$

All: 0.006 ± 0.002 $\chi^2/\text{NDF}: 3332.8/57$

- sign 0.011 ± 0.003 $\chi^2/\text{NDF}: 1704.1/28$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -11.723 $\pm$ 0.188 χ^2 /NDF:2024.5/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

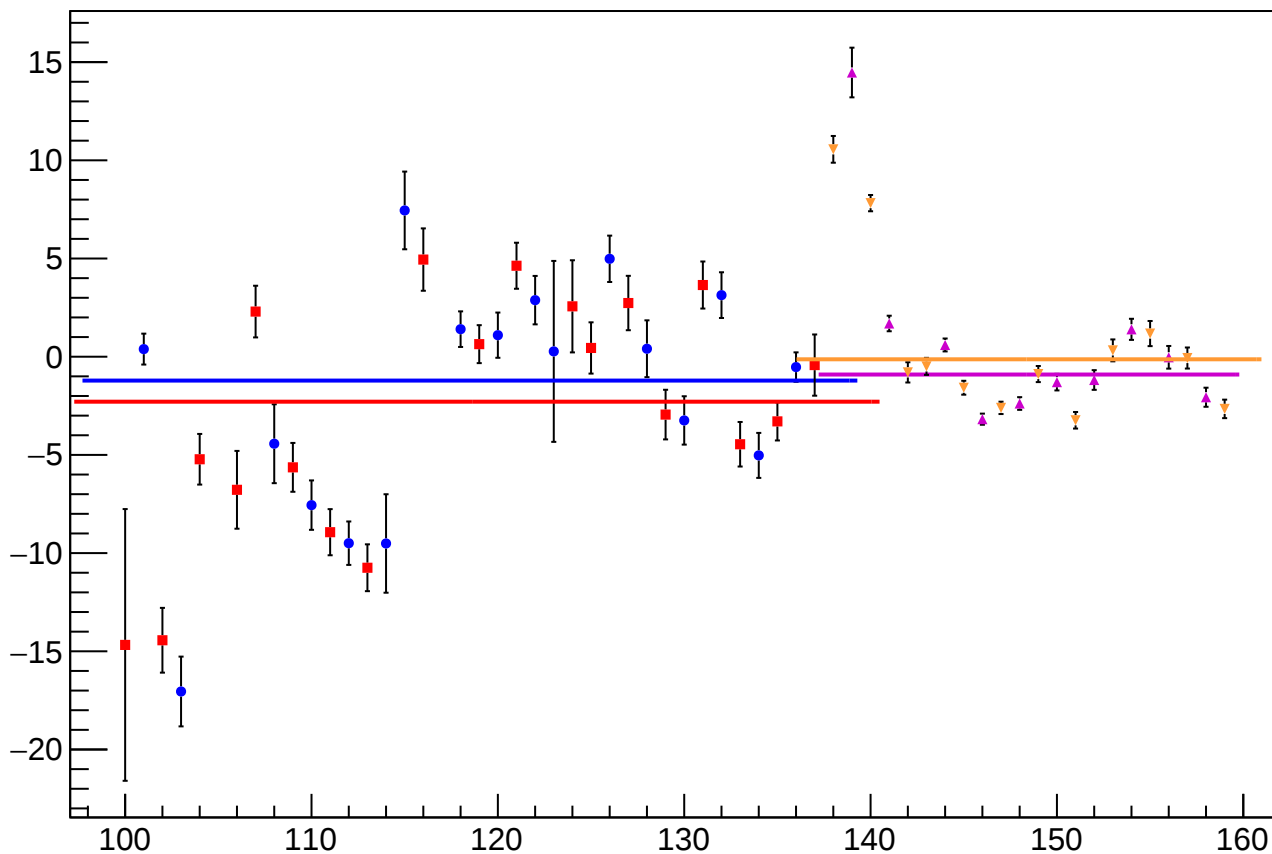
Left In: -8.465 $\pm$ 0.193 χ^2 /NDF:627.5/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.137 $\pm$ 0.134 χ^2 /NDF: 2798.7/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: -0.132 ± 0.129 χ^2/NDF : 787.2/11

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

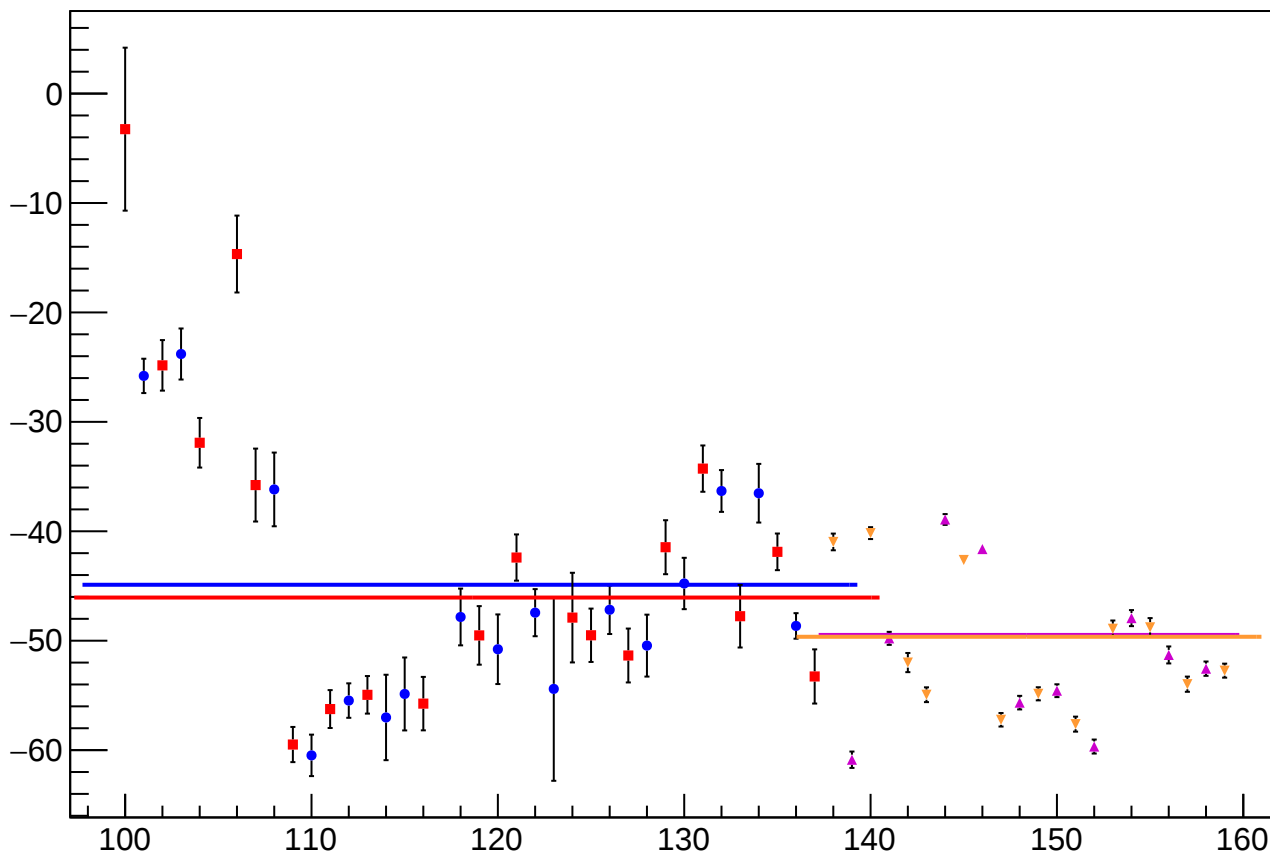
Left In: -0.907 ± 0.131 χ^2/NDF : 324.9/9

+ sign -0.310 ± 0.118 χ^2/NDF : 1077.5/28

All: -0.710 ± 0.084 χ^2/NDF : 1730.8/57

- sign -1.125 ± 0.120 χ^2/NDF : 629.7/28

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$

Left Out: -49.641 ± 0.187 $\chi^2/\text{NDF}: 1159.3/11$

Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$

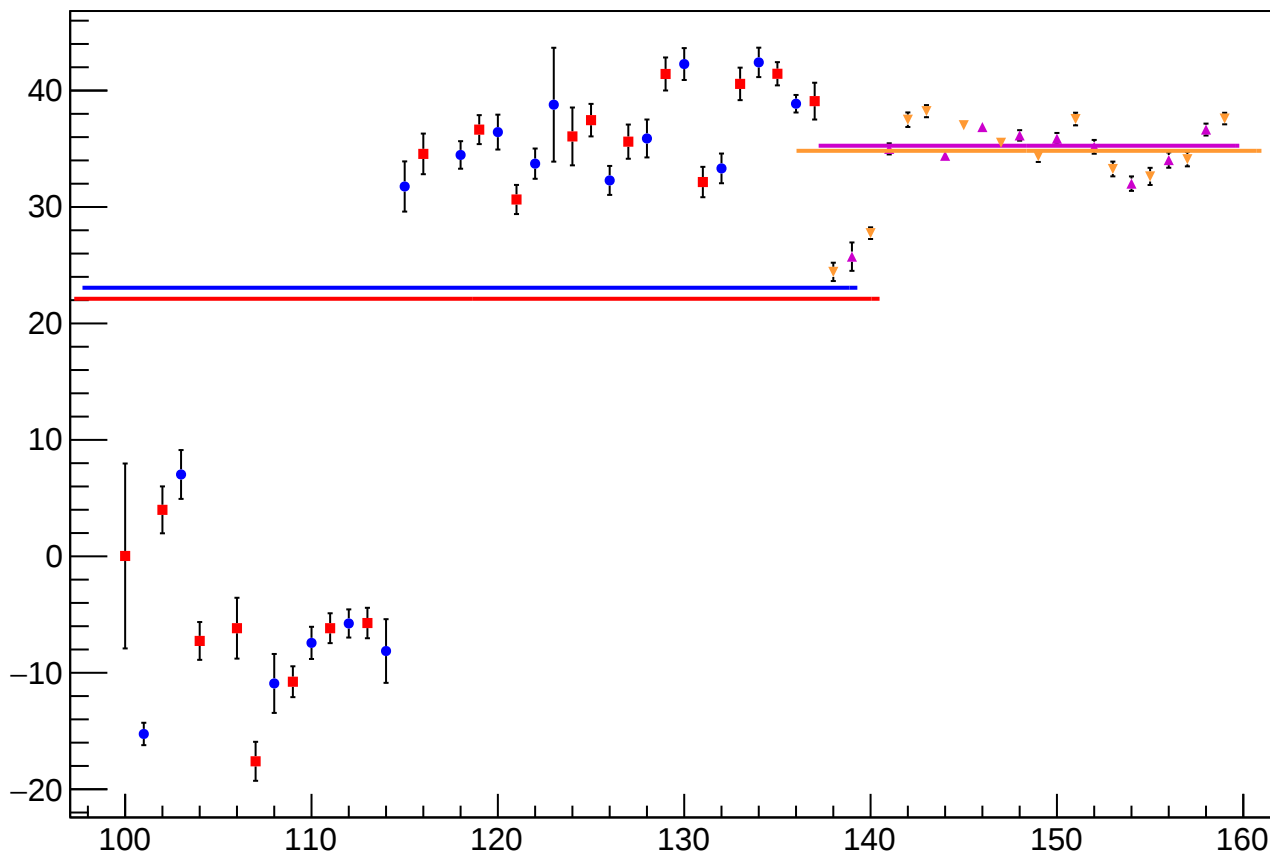
Left In: -49.473 ± 0.190 $\chi^2/\text{NDF}: 1473.1/9$

+ sign -49.101 ± 0.176 $\chi^2/\text{NDF}: 1652.9/28$

All: -49.092 ± 0.125 $\chi^2/\text{NDF}: 3616.8/57$

- sign -49.082 ± 0.179 $\chi^2/\text{NDF}: 1963.9/28$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.825 $\pm$ 0.155 χ^2 /NDF: 539.8/11

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

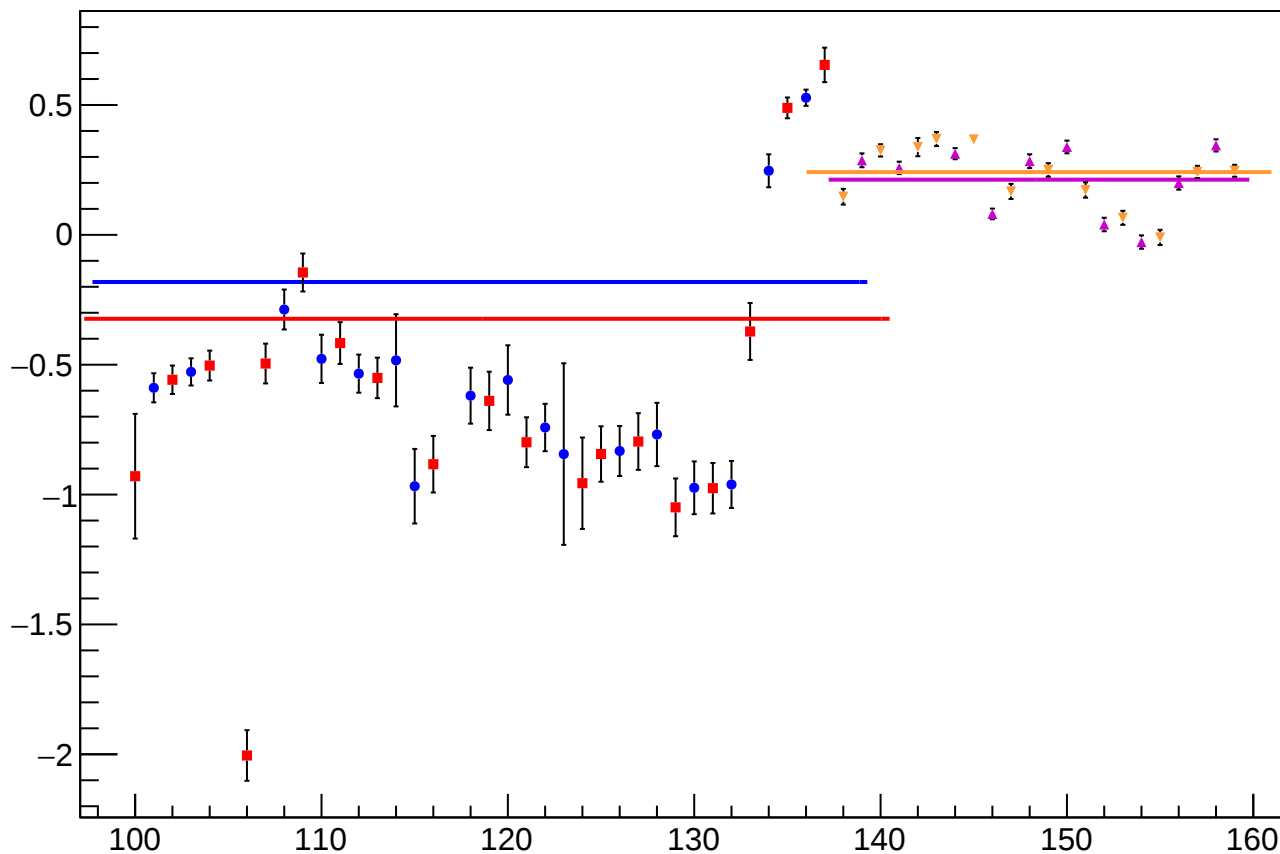
Left In: 35.262 $\pm$ 0.158 χ^2 /NDF: 130.3/9

+ sign 32.664 $\pm$ 0.140 χ^2 /NDF: 5931.7/28

All: 32.795 $\pm$ 0.100 χ^2 /NDF: 11328.5/57

- sign 32.931 $\pm$ 0.143 χ^2 /NDF: 5395.0/28

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.242 ± 0.007 χ^2/NDF : 228.7/11

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

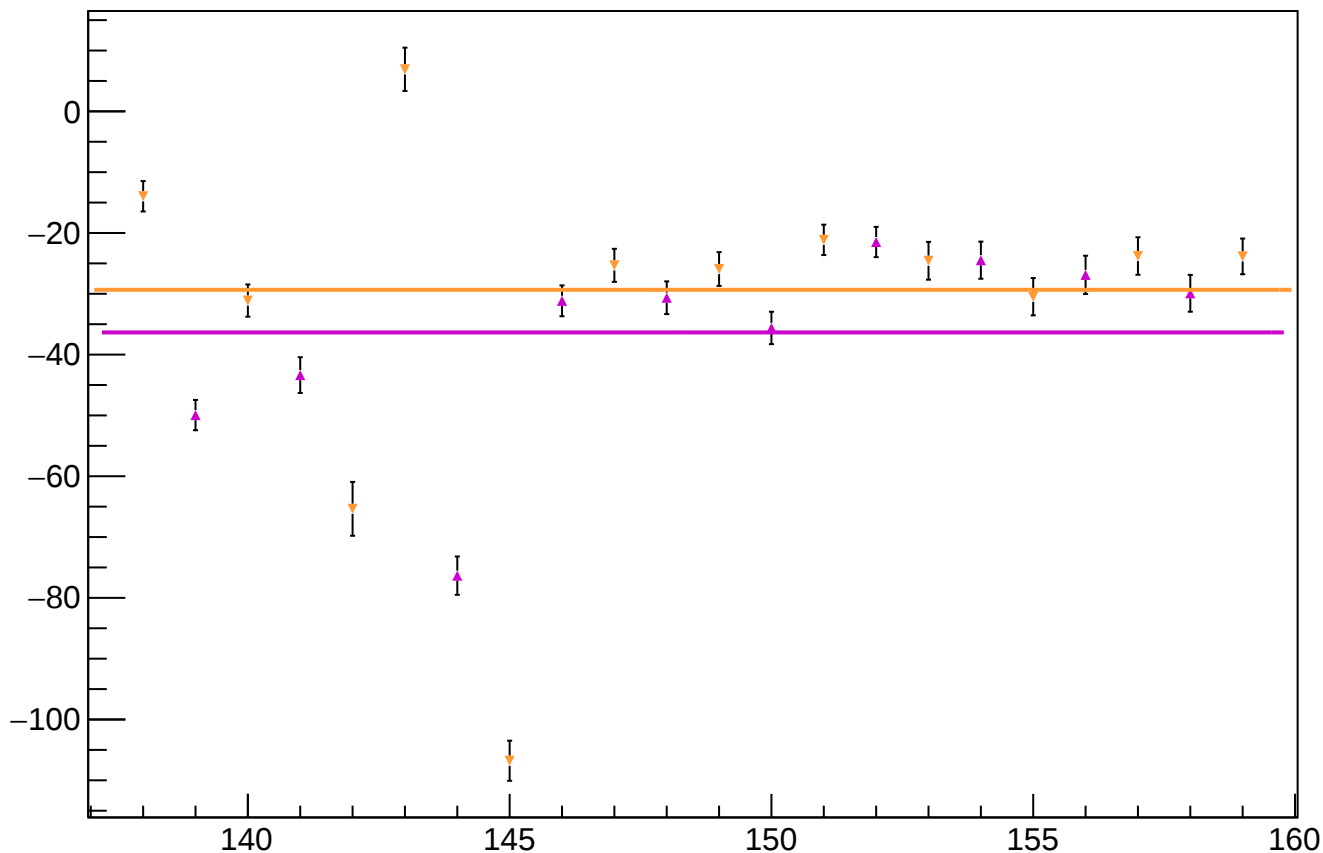
Left In: 0.212 ± 0.008 χ^2/NDF : 271.3/9

+ sign 0.179 ± 0.007 χ^2/NDF : 1709.9/28

All: 0.156 ± 0.005 χ^2/NDF : 3926.6/57

- sign 0.132 ± 0.007 χ^2/NDF : 2194.0/28

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.344+/-0.851 χ^2/NDF : 783.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

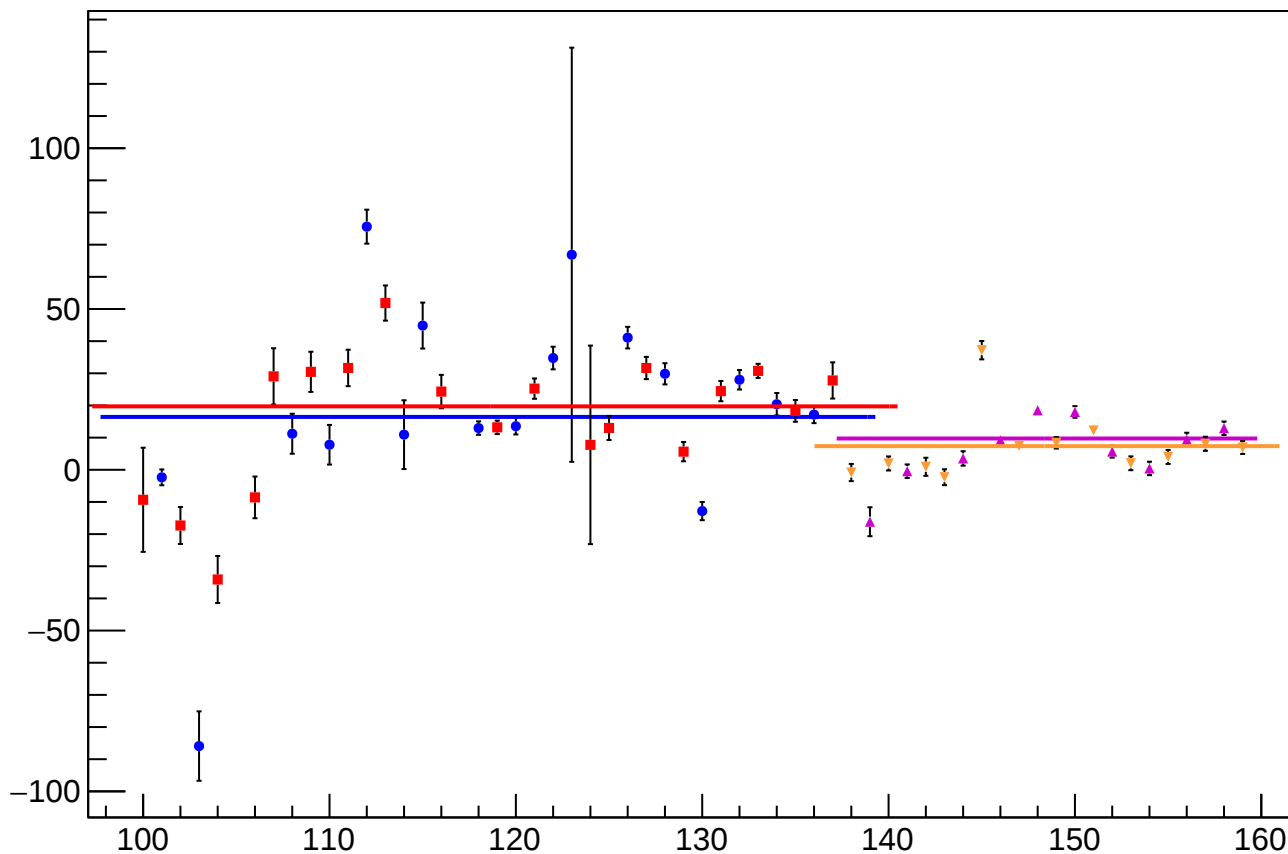
Left In: -36.353+/-0.881 χ^2/NDF : 269.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.729+/-0.612 χ^2/NDF : 1085.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.439 ± 0.849 χ^2/NDF : 516.9/16

Left Out: 7.351 ± 0.572 χ^2/NDF : 165.9/11

Right Out: 19.724 ± 0.898 χ^2/NDF : 241.7/18

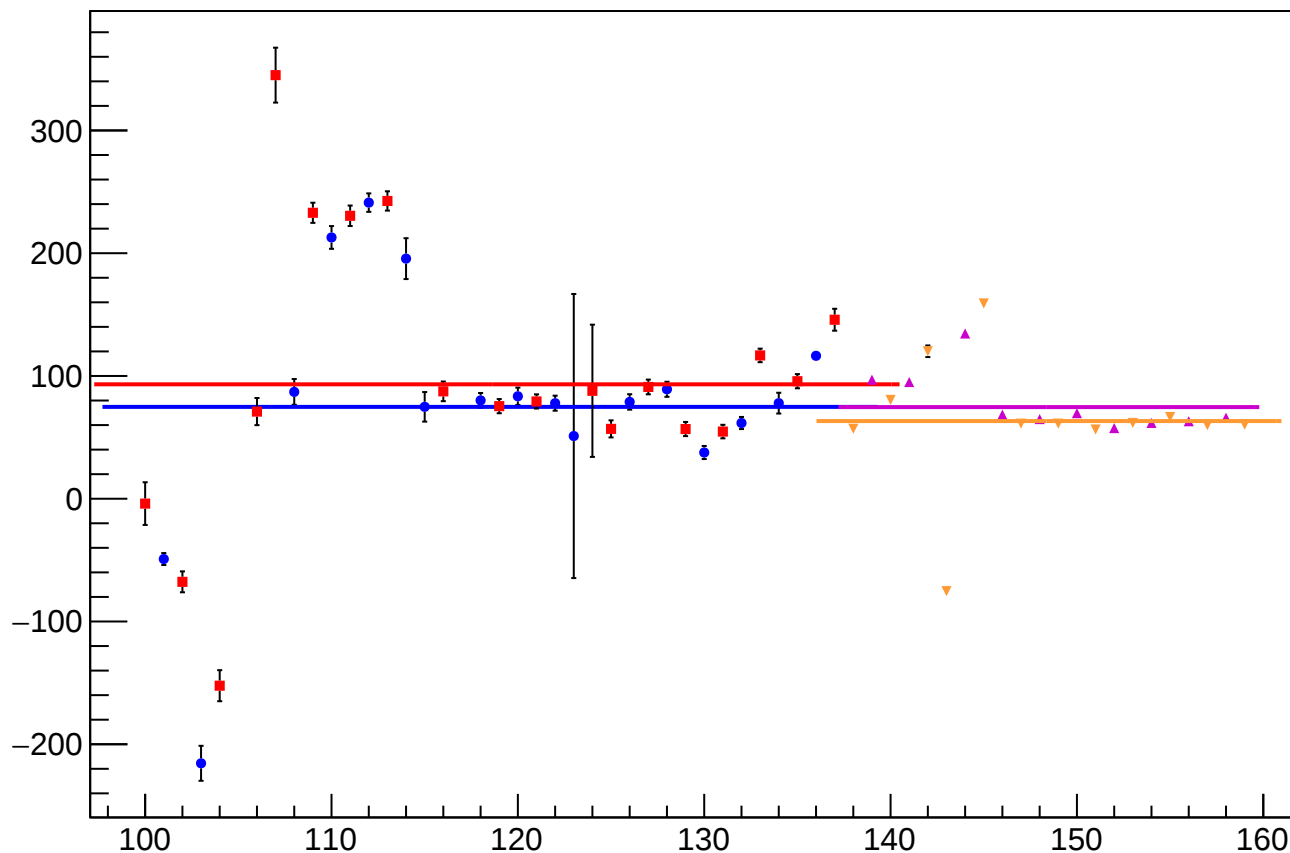
Left In: 9.727 ± 0.601 χ^2/NDF : 156.7/9

+ sign 10.192 ± 0.474 χ^2/NDF : 761.7/28

All: 11.438 ± 0.344 χ^2/NDF : 1260.3/57

- sign 12.819 ± 0.499 χ^2/NDF : 484.1/28

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 74.824 $\pm$ 1.639 χ^2/NDF : 1996.8/16

Left Out: 63.265 $\pm$ 0.833 χ^2/NDF : 2311.4/11

Right Out: 93.202 $\pm$ 1.712 χ^2/NDF : 2000.7/18

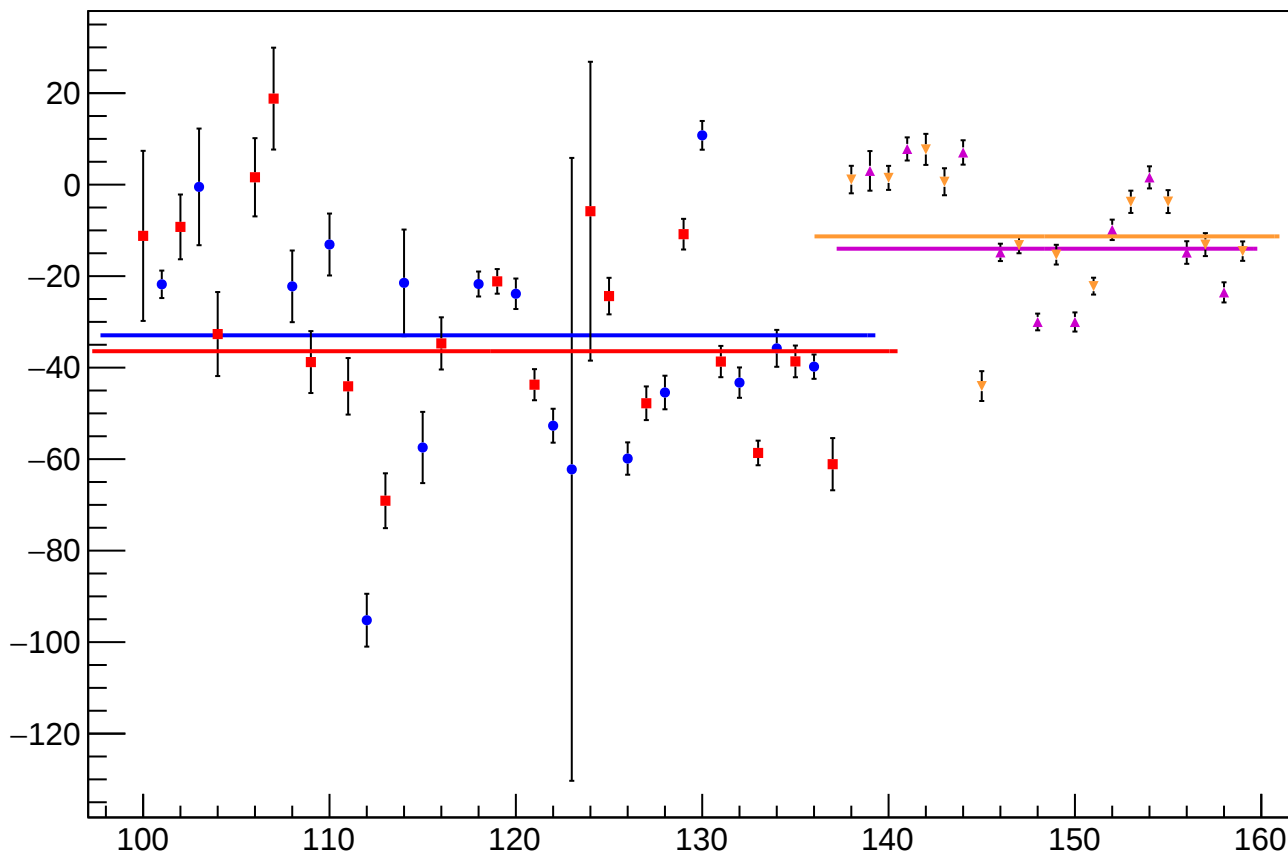
Left In: 74.653 $\pm$ 0.857 χ^2/NDF : 549.6/9

+ sign 65.641 $\pm$ 0.743 χ^2/NDF : 4347.7/28

All: 71.807 $\pm$ 0.533 χ^2/NDF : 7134.2/57

- sign 78.374 $\pm$ 0.767 χ^2/NDF : 2644.2/28

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -11.311 ± 0.692 χ^2/NDF : 250.3/11

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

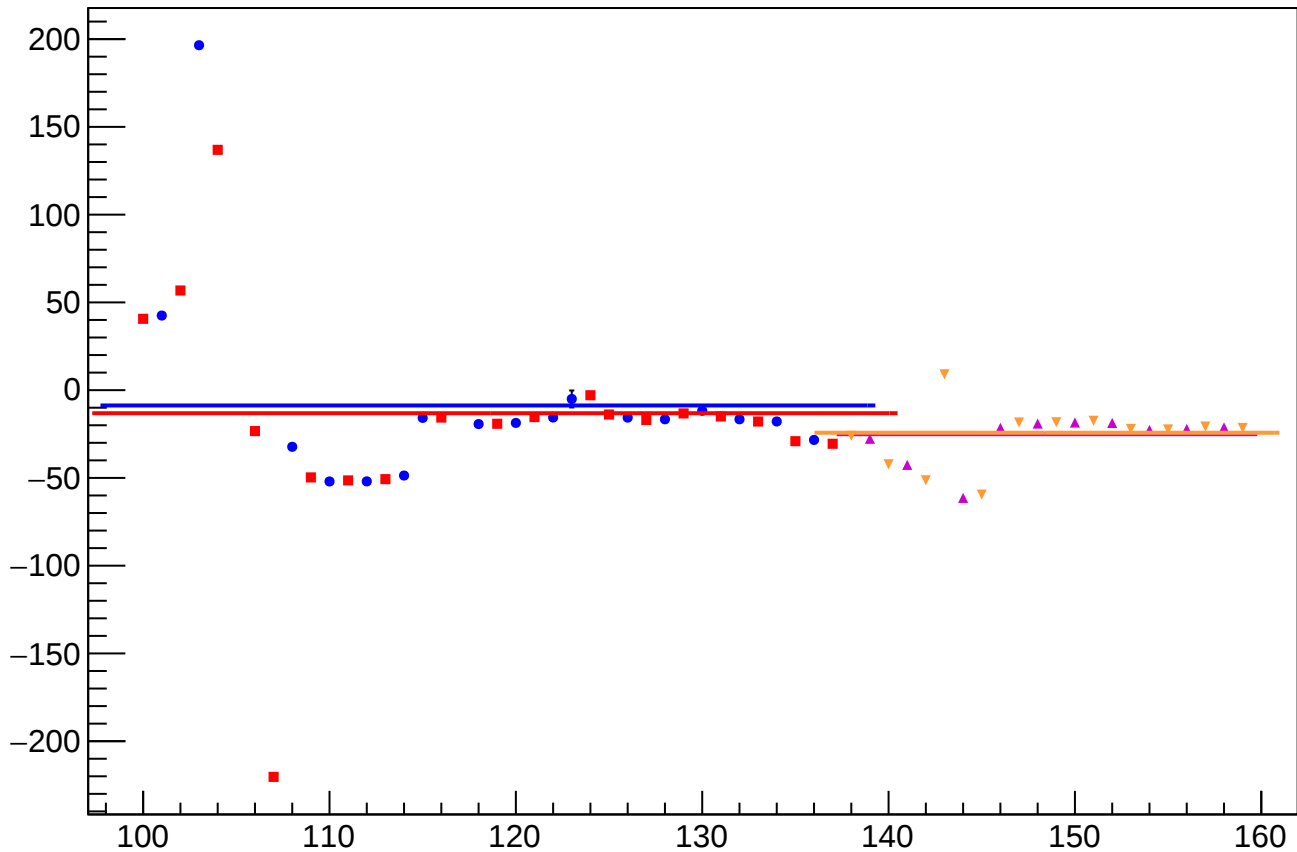
Left In: -14.006 ± 0.726 χ^2/NDF : 351.7/9

+ sign -18.578 ± 0.564 χ^2/NDF : 1068.8/28

All: -19.961 ± 0.409 χ^2/NDF : 2046.5/57

- sign -21.485 ± 0.592 χ^2/NDF : 965.1/28

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -24.261 ± 0.033 χ^2/NDF : 170065.7/11

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

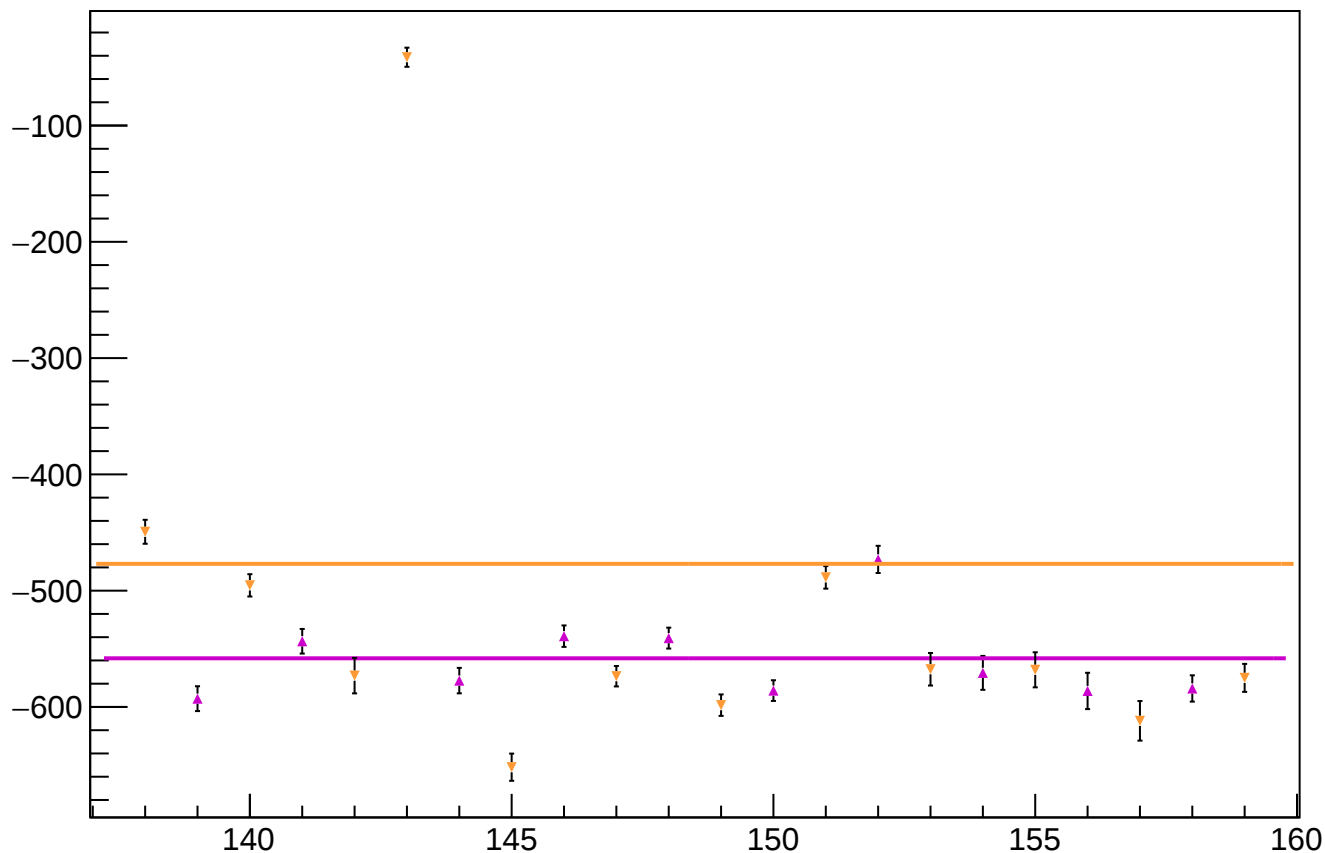
Left In: -25.092 ± 0.034 χ^2/NDF : 95965.2/9

+ sign -20.599 ± 0.029 χ^2/NDF : 799152.3/28

All: -21.459 ± 0.021 χ^2/NDF : 1484576.1/57

- sign -22.372 ± 0.029 χ^2/NDF : 683556.5/28

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -476.931+/-3.133 χ^2/NDF : 3583.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

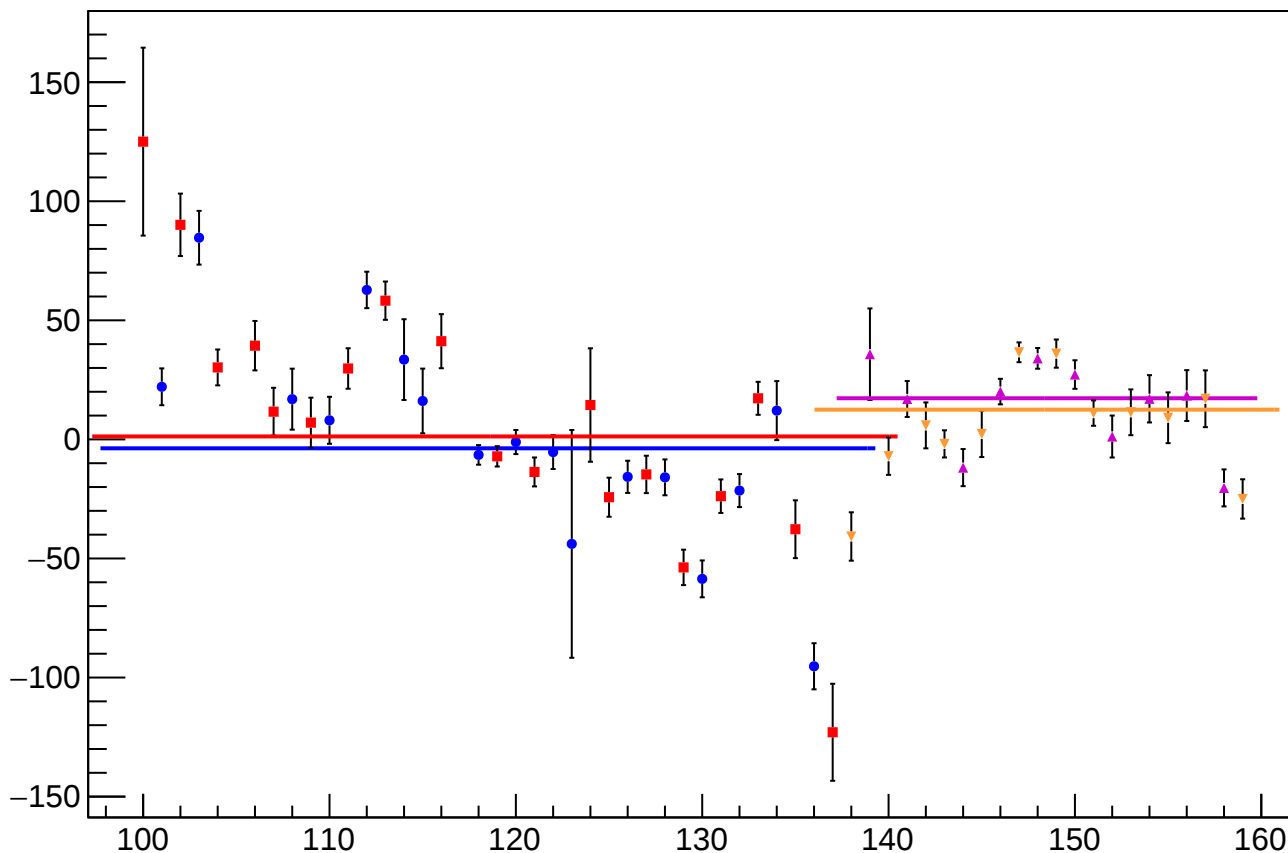
Left In: -558.167+/-3.395 χ^2/NDF : 95.4/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -514.292+/-2.302 χ^2/NDF : 3987.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 12.489 ± 2.038 χ^2/NDF : 111.8/11

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

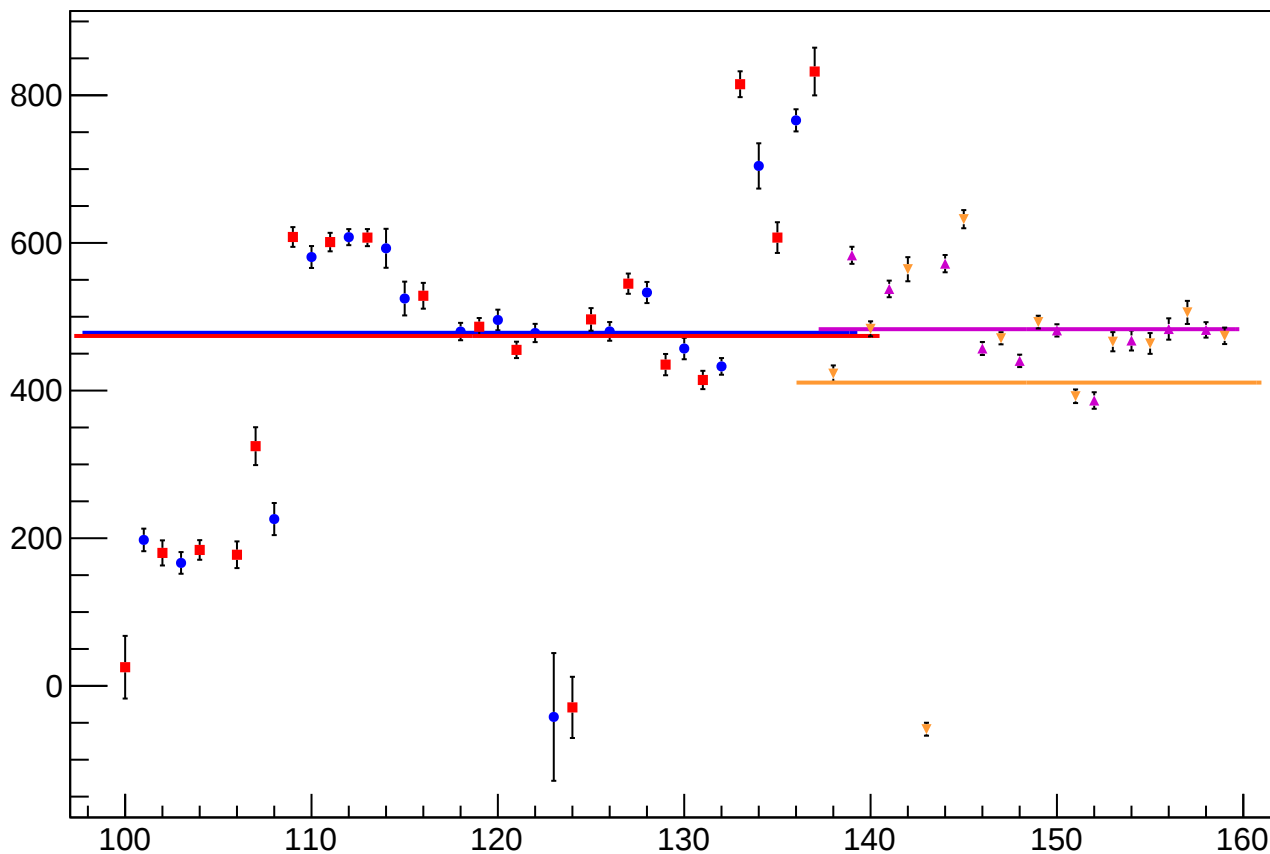
Left In: 17.277 ± 2.233 χ^2/NDF : 59.5/9

+ sign 3.771 ± 1.386 χ^2/NDF : 460.0/28

All: 5.804 ± 1.003 χ^2/NDF : 857.3/57

- sign 8.039 ± 1.454 χ^2/NDF : 392.8/28

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 410.816 $\pm$ 3.100 χ^2 /NDF: 3576.9/11

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

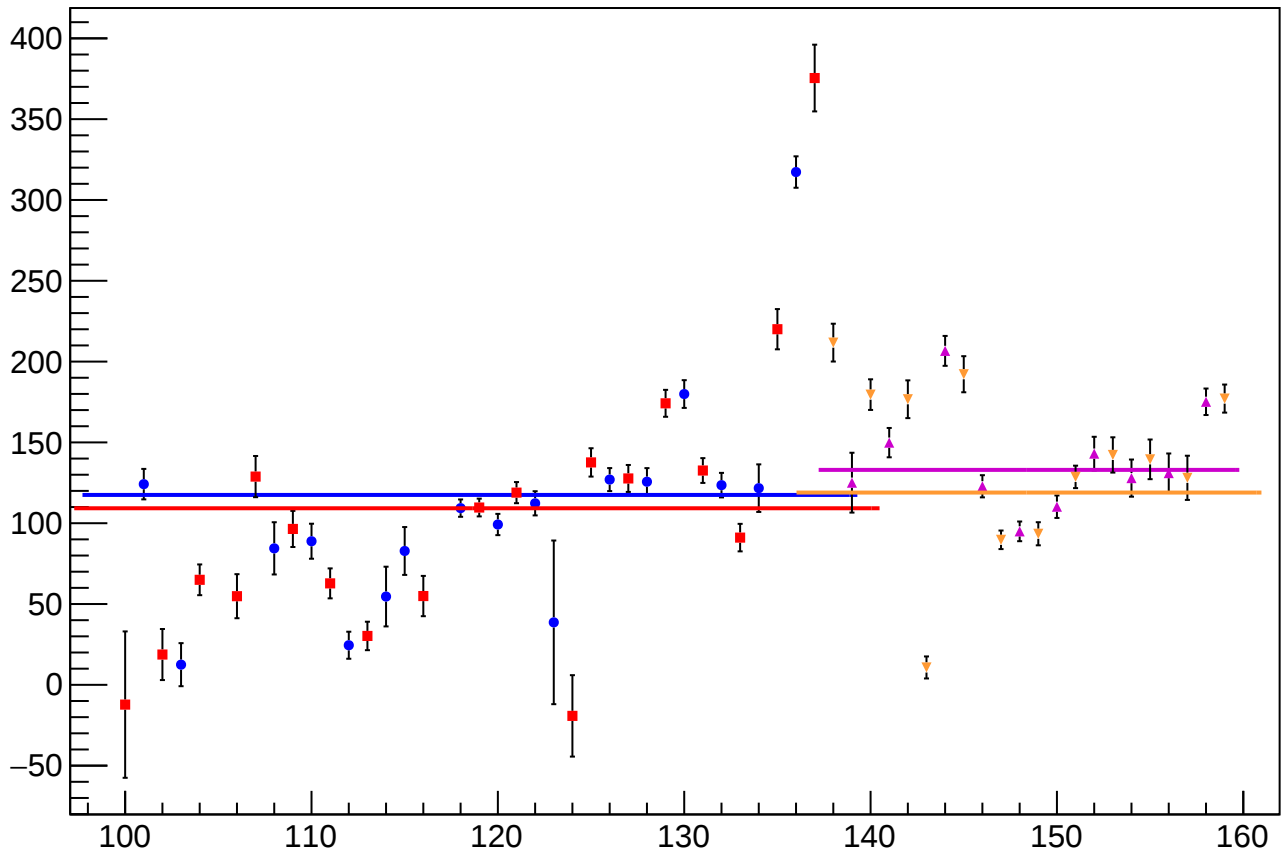
Left In: 483.158 $\pm$ 3.307 χ^2 /NDF: 266.3/9

+ sign 439.187 $\pm$ 2.360 χ^2 /NDF: 5404.0/28

All: 458.582 $\pm$ 1.687 χ^2 /NDF: 8100.4/57

- sign 478.866 $\pm$ 2.413 χ^2 /NDF: 2558.2/28

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 118.967 $\pm$ 2.503 χ^2 /NDF: 516.5/11

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

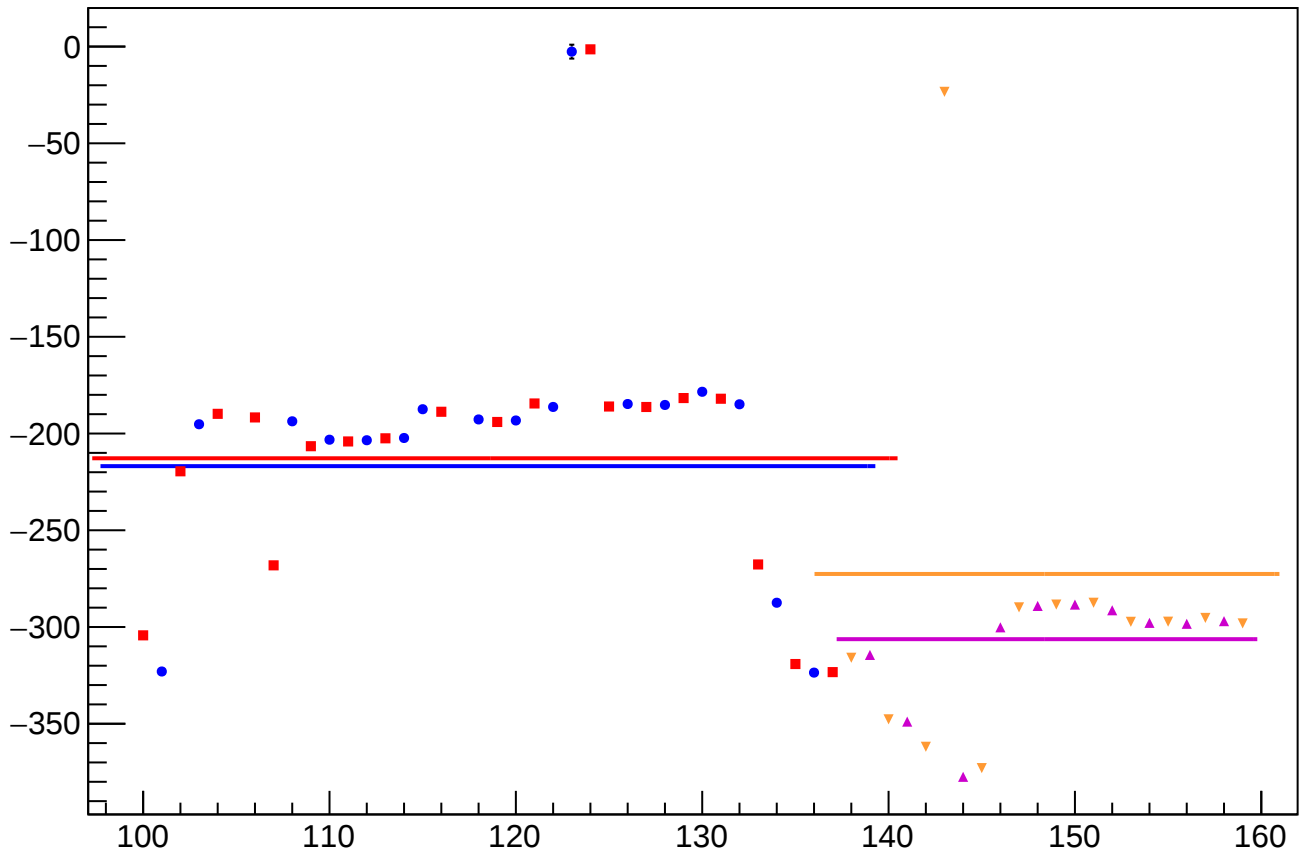
Left In: 132.997 $\pm$ 2.731 χ^2 /NDF: 146.5/9

+ sign 118.140 $\pm$ 1.651 χ^2 /NDF: 1222.7/28

All: 118.372 $\pm$ 1.190 χ^2 /NDF: 1984.4/57

- sign 118.623 $\pm$ 1.716 χ^2 /NDF: 761.7/28

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -272.581 ± 0.126 $\chi^2/\text{NDF}: 615925.6/11$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

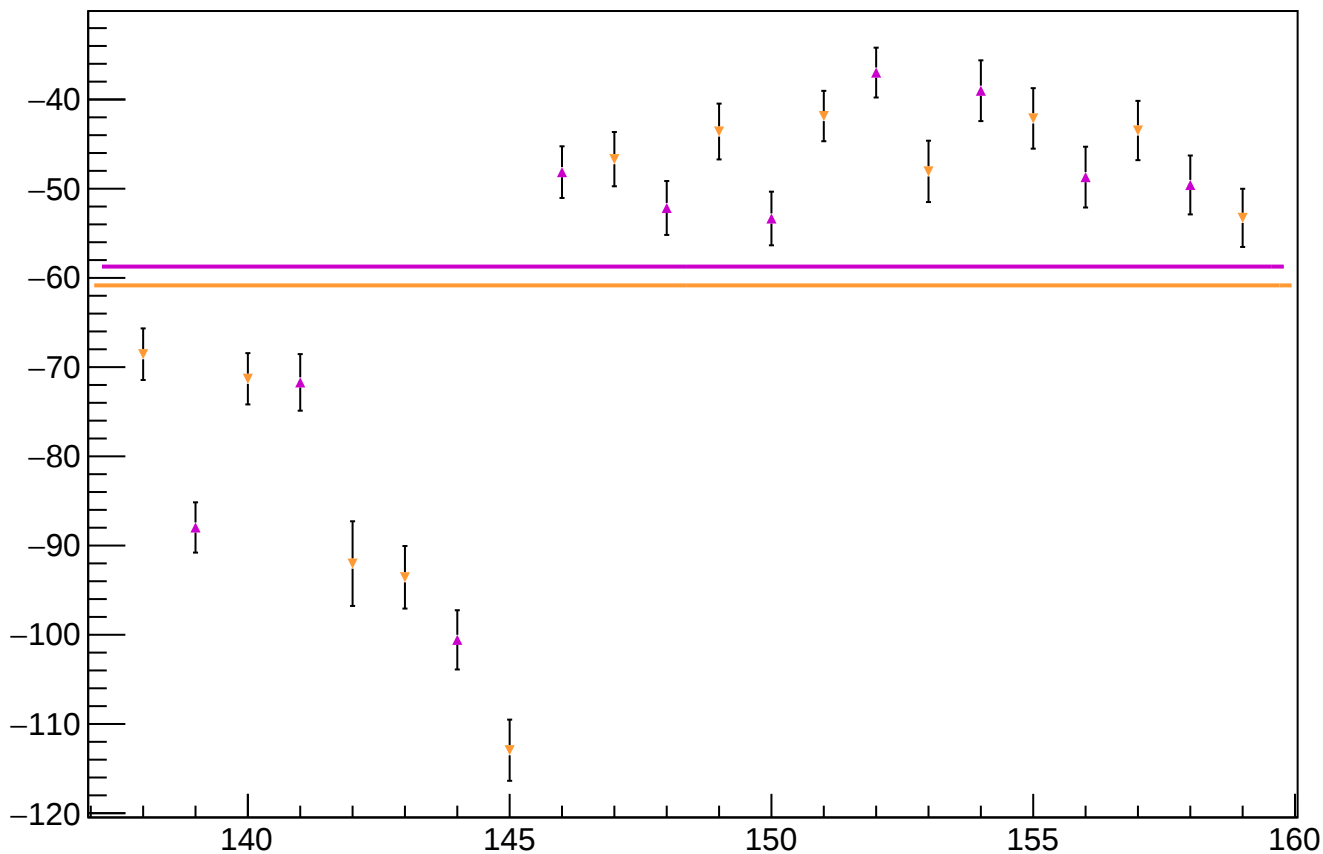
Left In: -306.286 ± 0.132 $\chi^2/\text{NDF}: 35797.1/9$

+ sign -246.901 ± 0.092 $\chi^2/\text{NDF}: 853564.8/28$

All: -252.816 ± 0.065 $\chi^2/\text{NDF}: 1268437.7/57$

- sign -258.792 ± 0.093 $\chi^2/\text{NDF}: 406603.2/28$

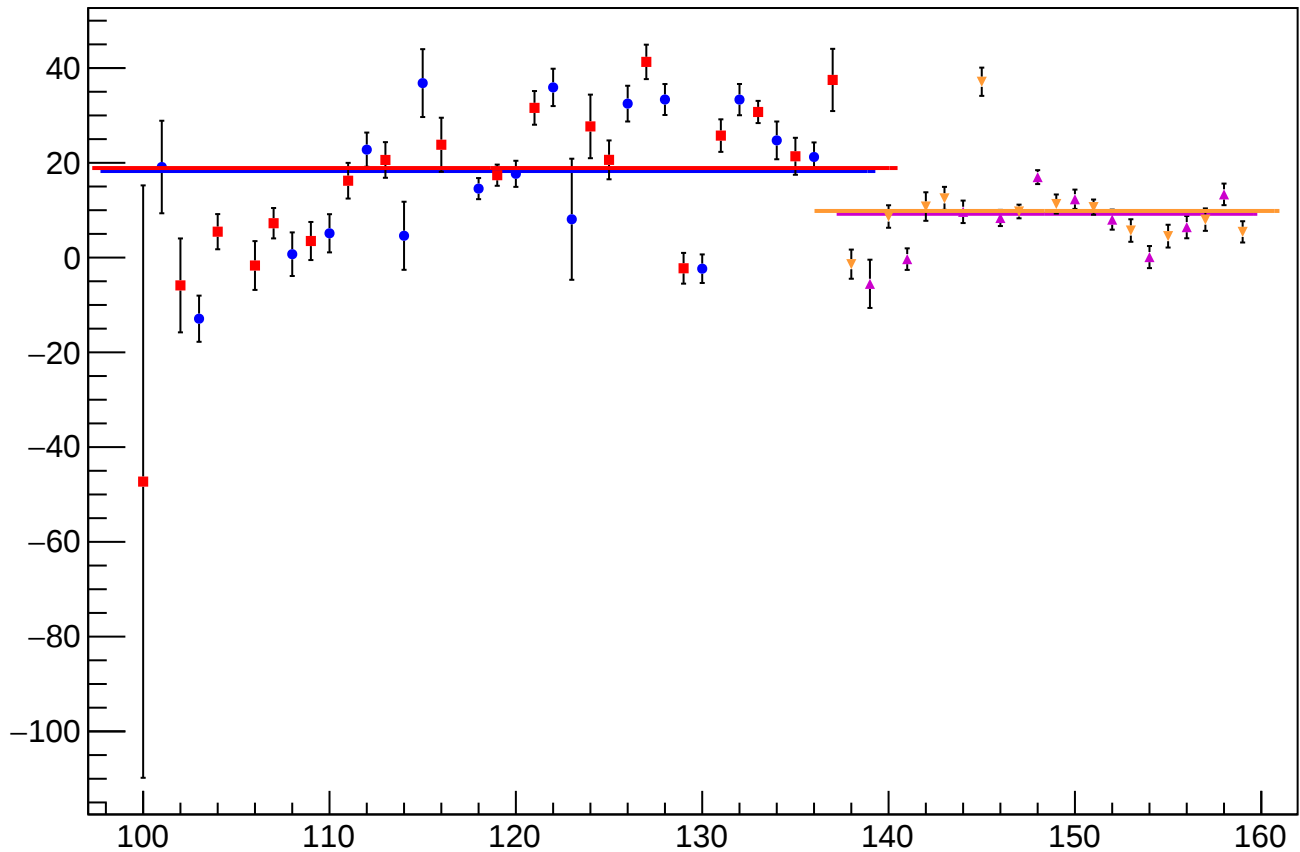
reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -60.838+/-0.935 χ^2/NDF : 555.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -58.730+/-0.977 χ^2/NDF : 415.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -59.830+/-0.676 χ^2/NDF : 973.4/21
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 9.841 $\pm$ 0.630 χ^2 /NDF:111.7/11

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

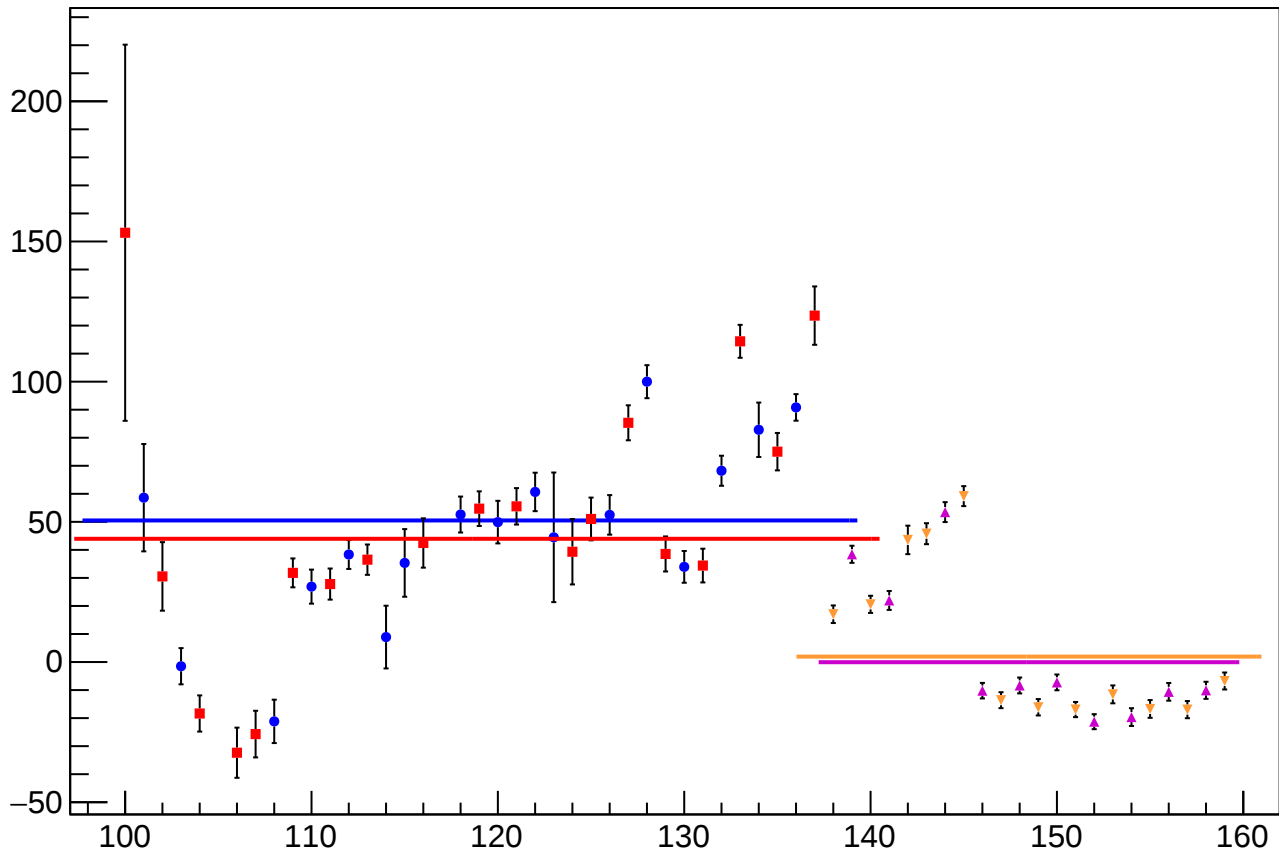
Left In: 9.244 $\pm$ 0.668 χ^2 /NDF:76.8/9

+ sign 12.586 $\pm$ 0.517 χ^2 /NDF: 378.2/28

All: 12.719 $\pm$ 0.370 χ^2 /NDF: 732.5/57

- sign 12.857 $\pm$ 0.529 χ^2 /NDF: 354.1/28

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: 1.941 ± 0.917 χ^2/NDF : 739.3/11

Right Out: 43.957 ± 1.603 χ^2/NDF : 534.3/18

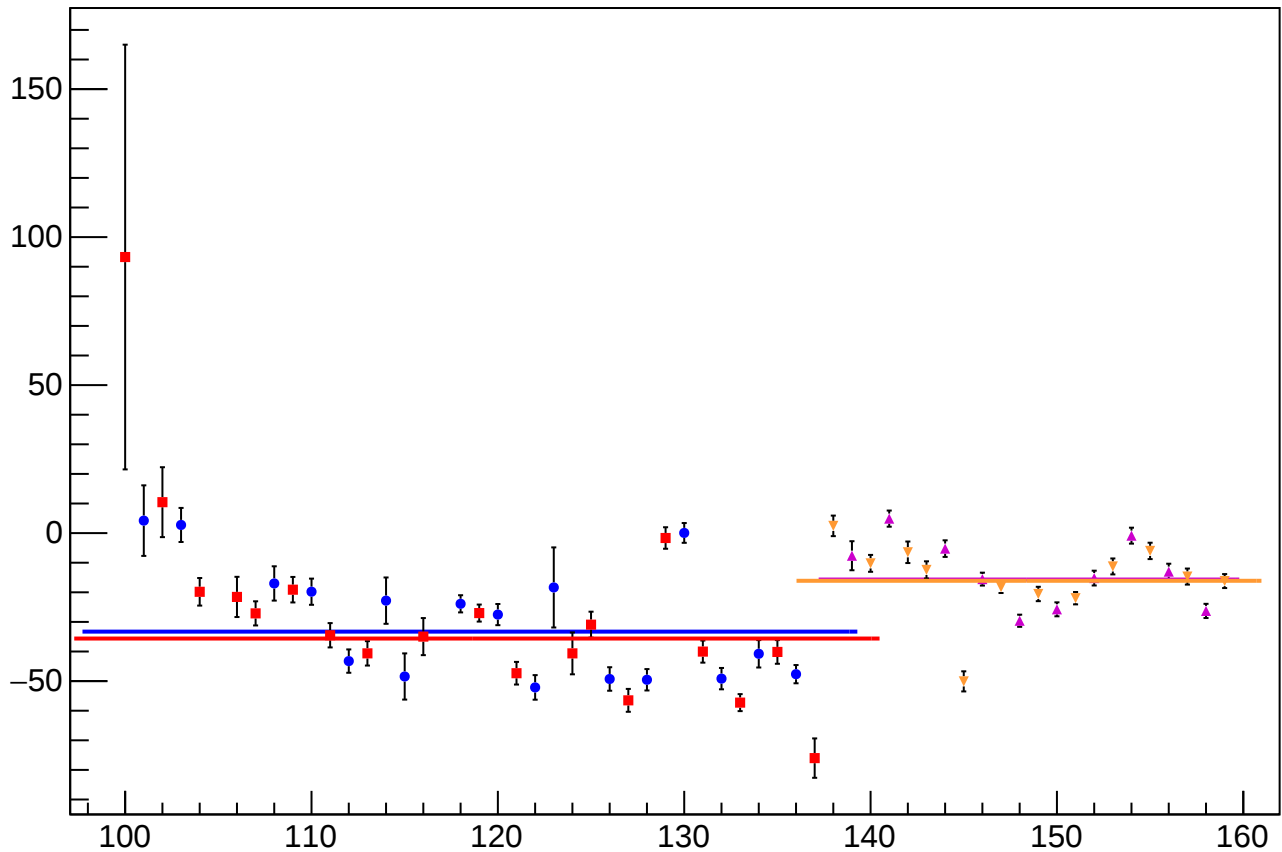
Left In: -0.061 ± 0.952 χ^2/NDF : 580.9/9

+ sign 13.180 ± 0.804 χ^2/NDF : 1751.5/28

All: 12.313 ± 0.574 χ^2/NDF : 3426.5/57

- sign 11.414 ± 0.818 χ^2/NDF : 1672.6/28

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.107 ± 0.762 χ^2/NDF : 170.8/11

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

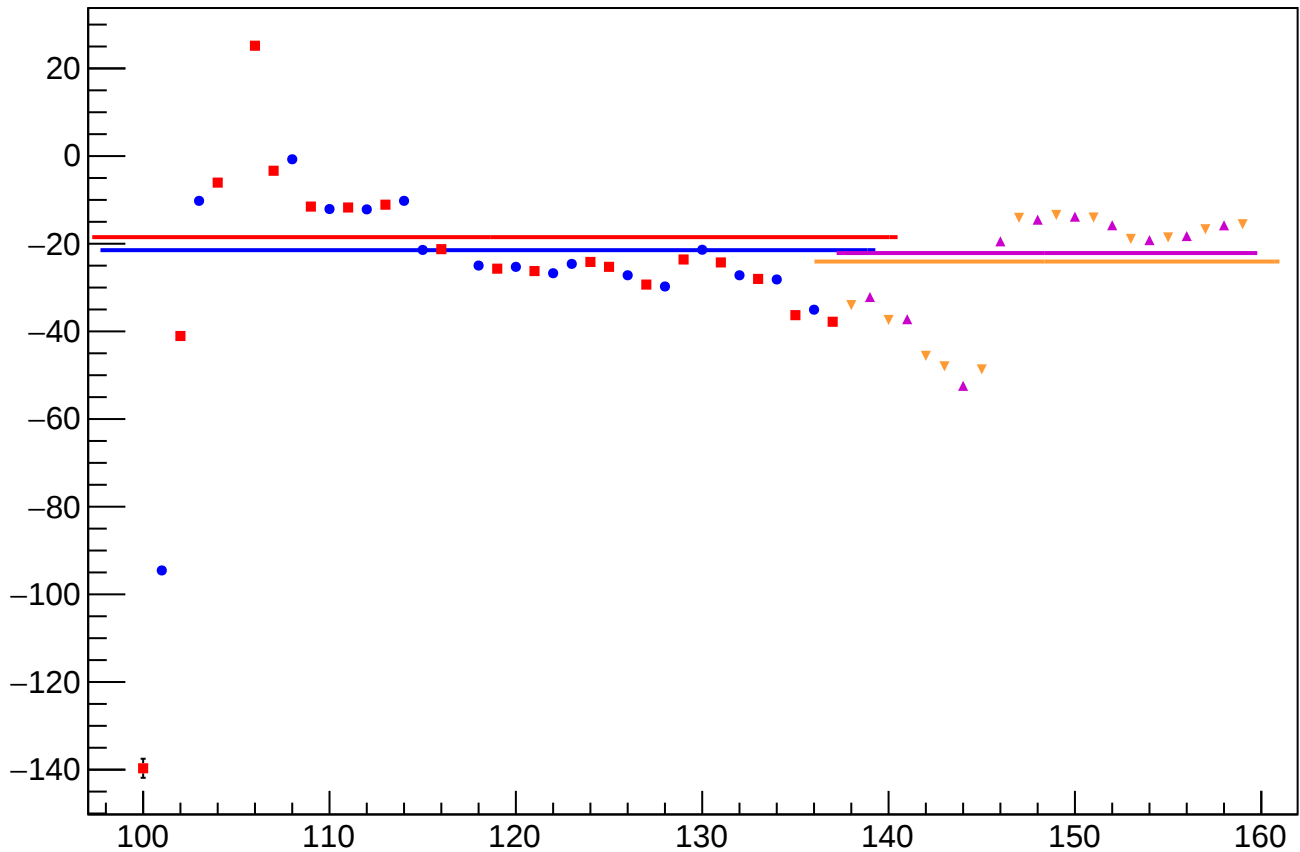
Left In: -15.684 ± 0.805 χ^2/NDF : 188.5/9

+ sign -22.143 ± 0.613 χ^2/NDF : 642.4/28

All: -22.856 ± 0.438 χ^2/NDF : 1364.7/57

- sign -23.598 ± 0.625 χ^2/NDF : 719.5/28

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -24.061 ± 0.036 χ^2/NDF : 119675.6/11

Right Out: -18.496 ± 0.057 χ^2/NDF : 80700.9/18

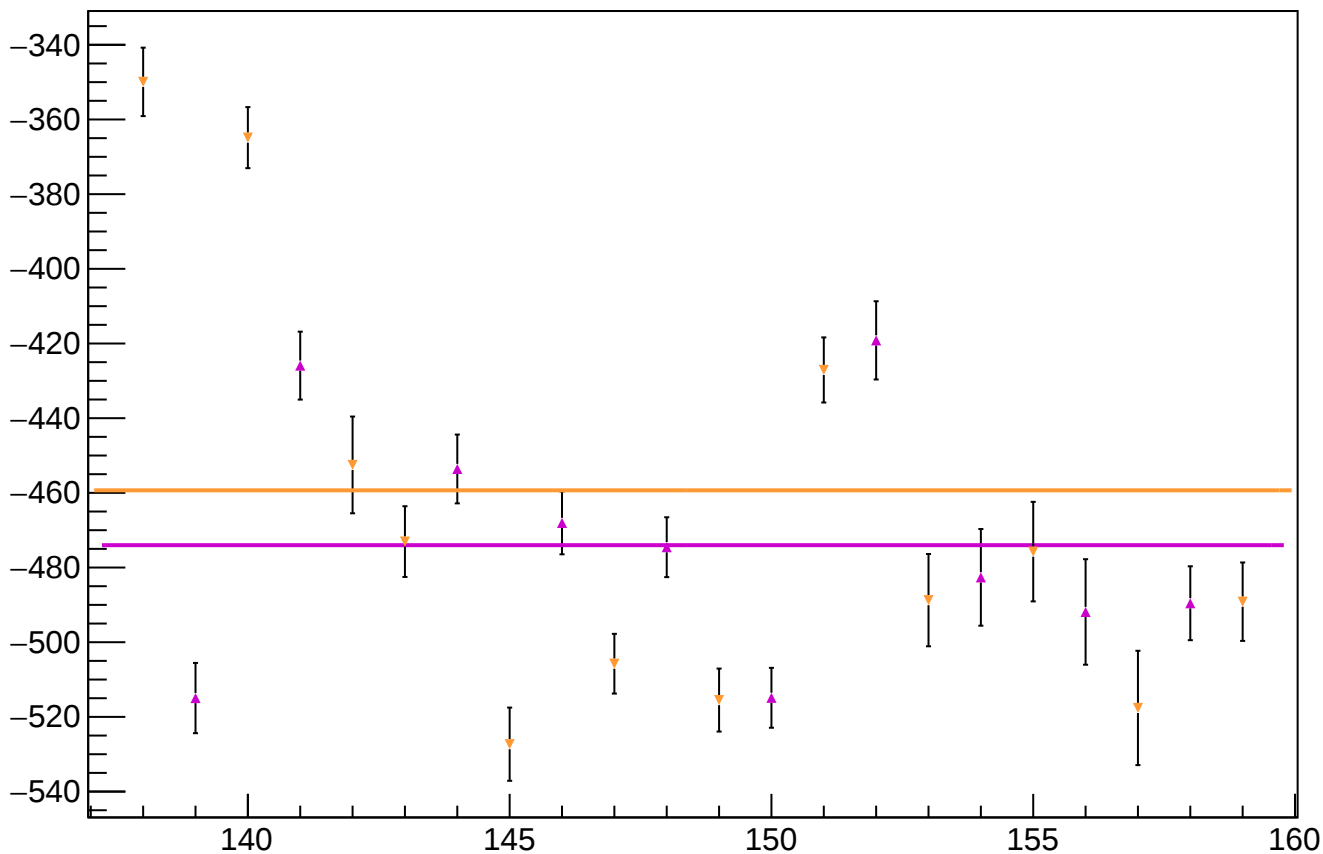
Left In: -22.127 ± 0.037 χ^2/NDF : 77252.0/9

+ sign -23.355 ± 0.031 χ^2/NDF : 170072.4/28

All: -22.224 ± 0.022 χ^2/NDF : 333619.1/57

- sign -21.053 ± 0.031 χ^2/NDF : 160775.3/28

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -459.321+/-2.854 χ^2/NDF : 447.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

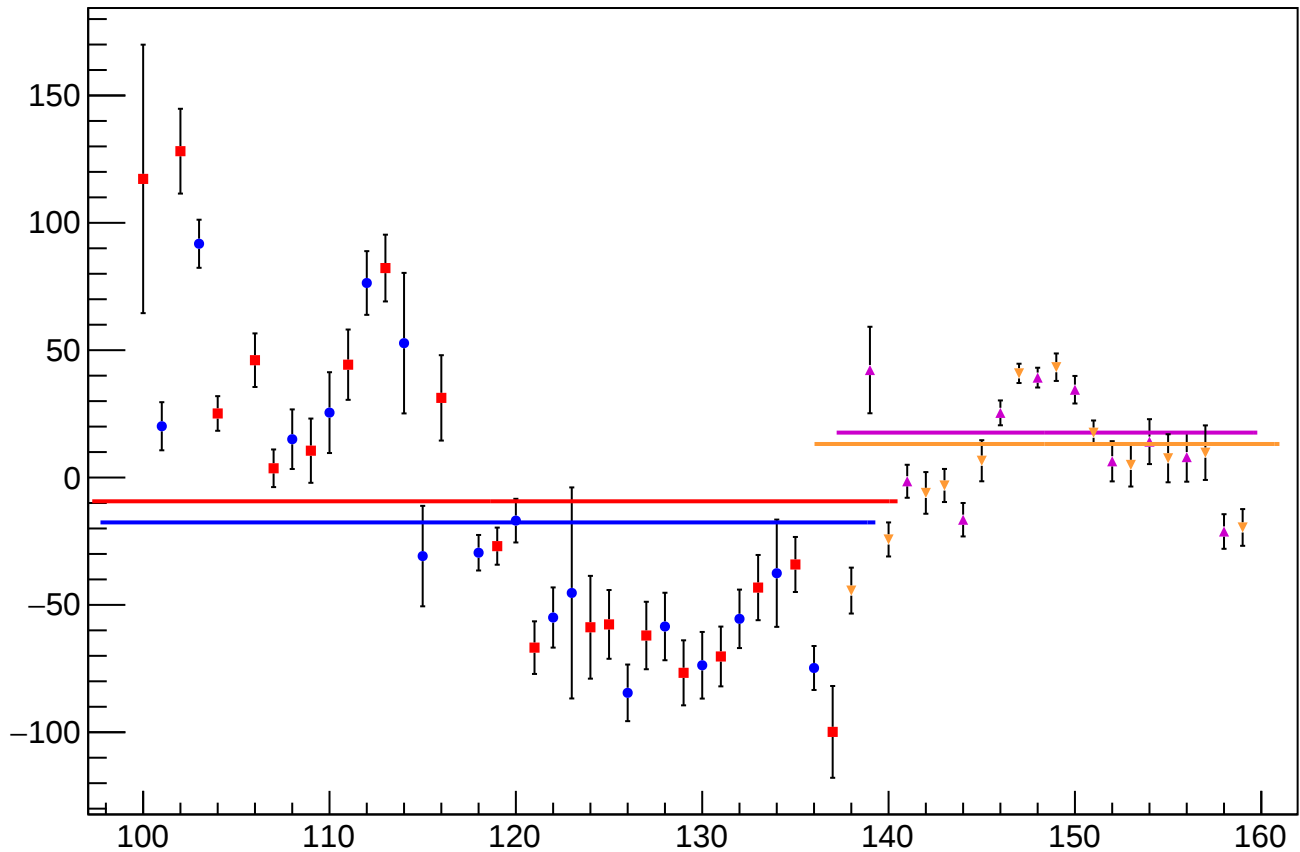
Left In: -474.012+/-3.006 χ^2/NDF : 110.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -466.288+/-2.070 χ^2/NDF : 570.7/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 13.173 ± 1.860 $\chi^2/\text{NDF}: 192.3/11$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

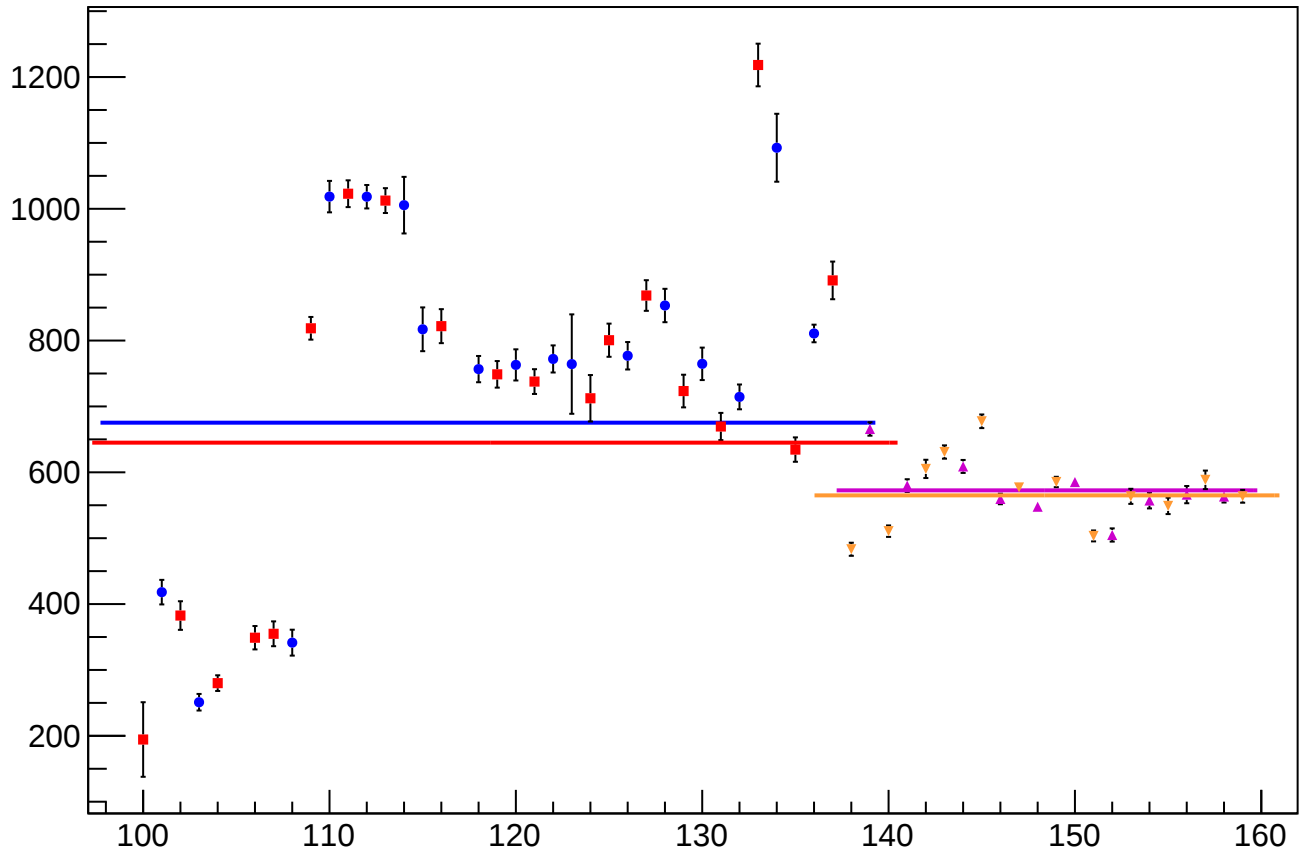
Left In: 17.639 ± 1.983 $\chi^2/\text{NDF}: 116.9/9$

+ sign 3.679 ± 1.547 $\chi^2/\text{NDF}: 638.8/28$

All: 5.680 ± 1.105 $\chi^2/\text{NDF}: 1193.3/57$

- sign 7.765 ± 1.579 $\chi^2/\text{NDF}: 551.0/28$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 564.992 ± 2.819 χ^2/NDF : 344.4/11

Right Out: 645.022 ± 4.758 χ^2/NDF : 3122.8/18

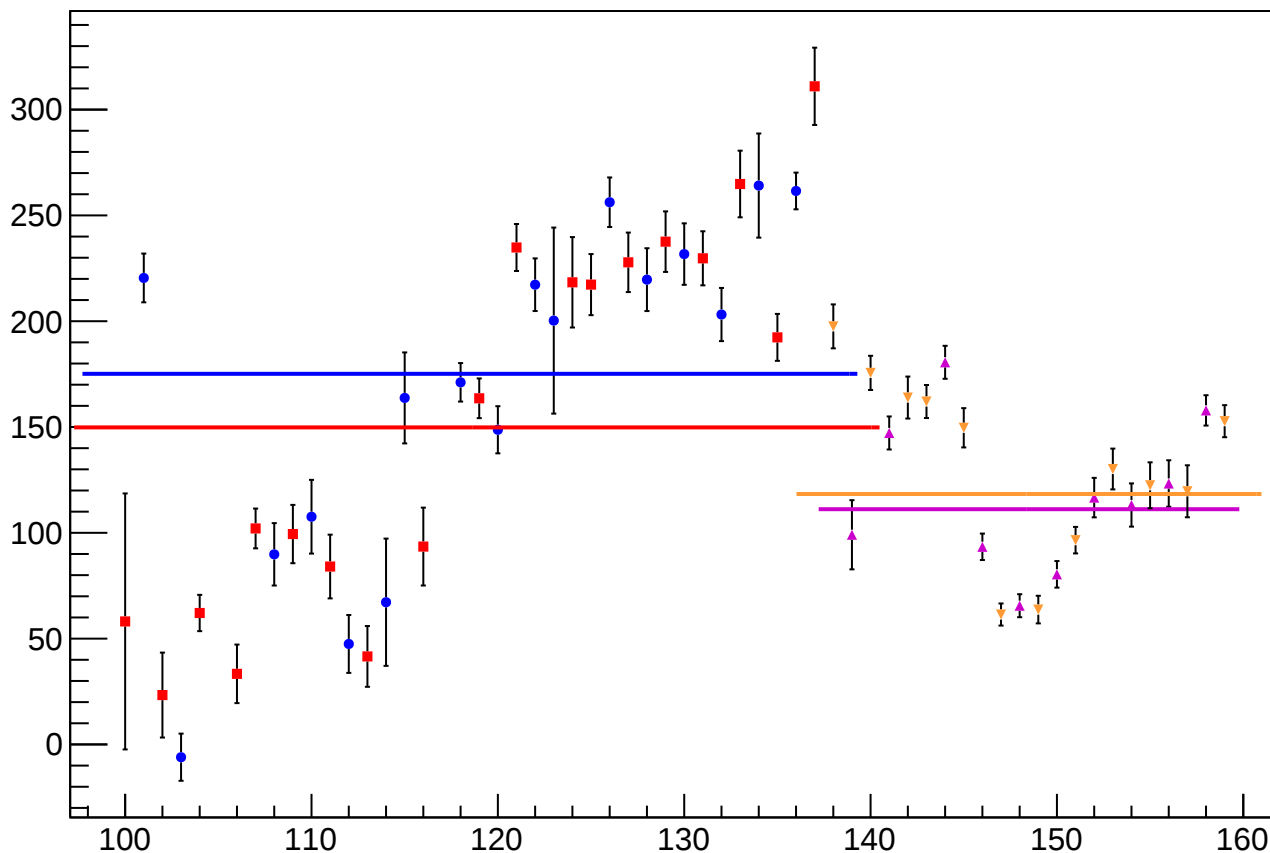
Left In: 572.625 ± 2.933 χ^2/NDF : 162.8/9

+ sign 591.239 ± 2.461 χ^2/NDF : 3291.6/28

All: 591.890 ± 1.753 χ^2/NDF : 6745.1/57

- sign 592.559 ± 2.497 χ^2/NDF : 3453.4/28

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 118.351 $\pm$ 2.284 χ^2 /NDF: 395.5/11

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

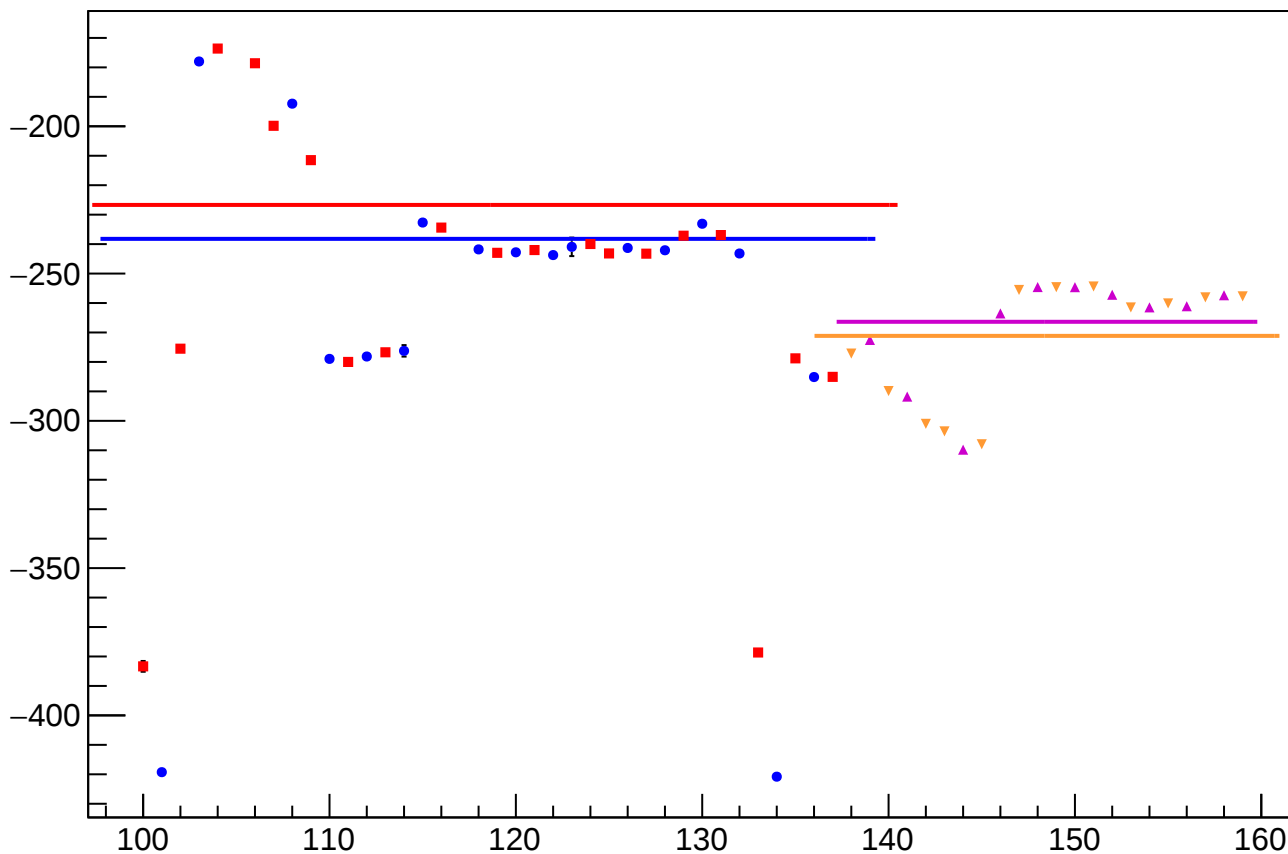
Left In: 111.165 $\pm$ 2.423 χ^2 /NDF: 247.9/9

+ sign 137.446 $\pm$ 1.861 χ^2 /NDF: 1239.0/28

All: 131.911 $\pm$ 1.328 χ^2 /NDF: 2292.2/57

- sign 126.172 $\pm$ 1.895 χ^2 /NDF: 1035.2/28

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.217 ± 0.160 $\chi^2/\text{NDF}: 167098.2/16$

Left Out: -271.153 ± 0.114 $\chi^2/\text{NDF}: 29881.9/11$

Right Out: -226.696 ± 0.151 $\chi^2/\text{NDF}: 102814.8/18$

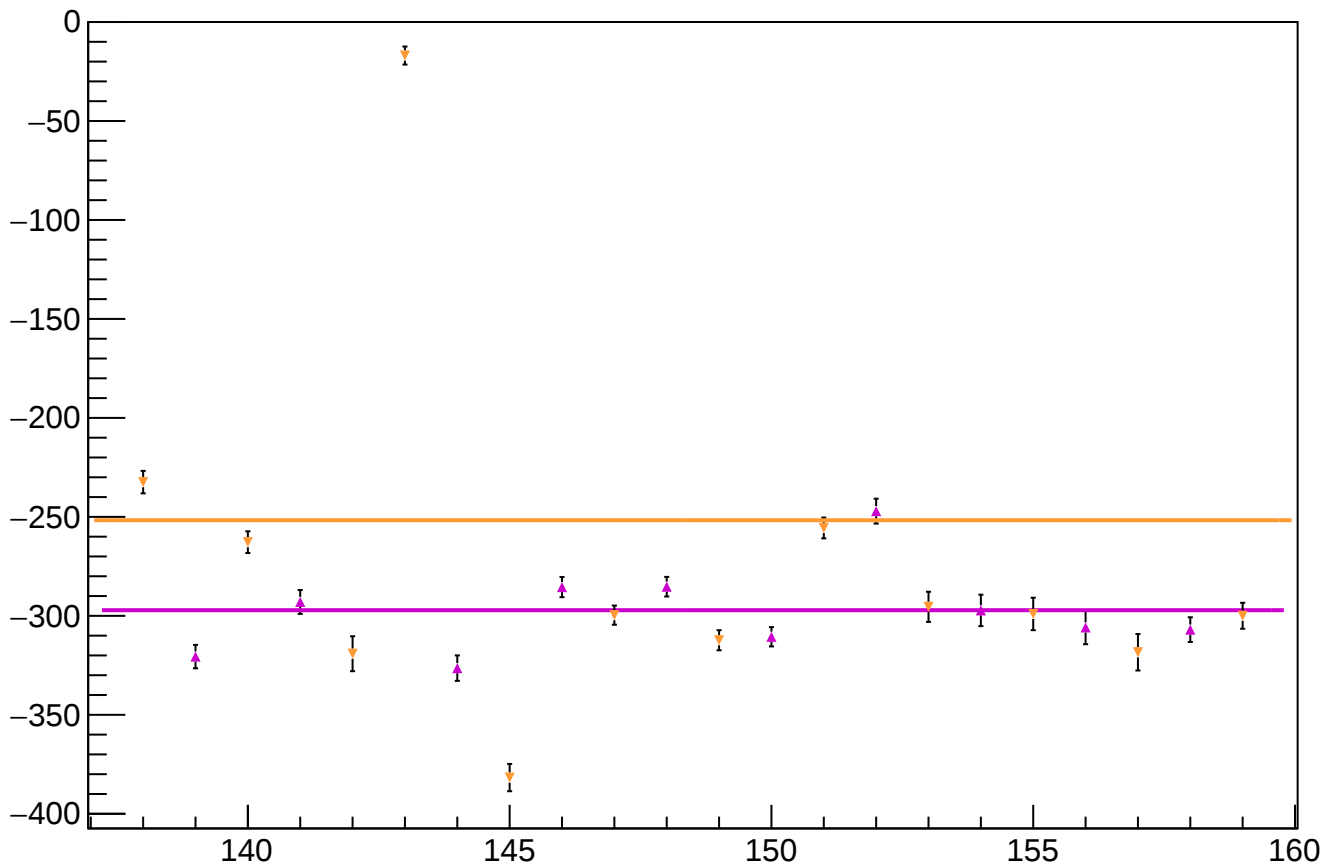
Left In: -266.372 ± 0.117 $\chi^2/\text{NDF}: 18984.2/9$

+ sign -260.049 ± 0.093 $\chi^2/\text{NDF}: 225047.4/28$

All: -255.741 ± 0.066 $\chi^2/\text{NDF}: 394198.5/57$

- sign -251.466 ± 0.093 $\chi^2/\text{NDF}: 164870.3/28$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -251.706+/-1.739 χ^2/NDF : 3490.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

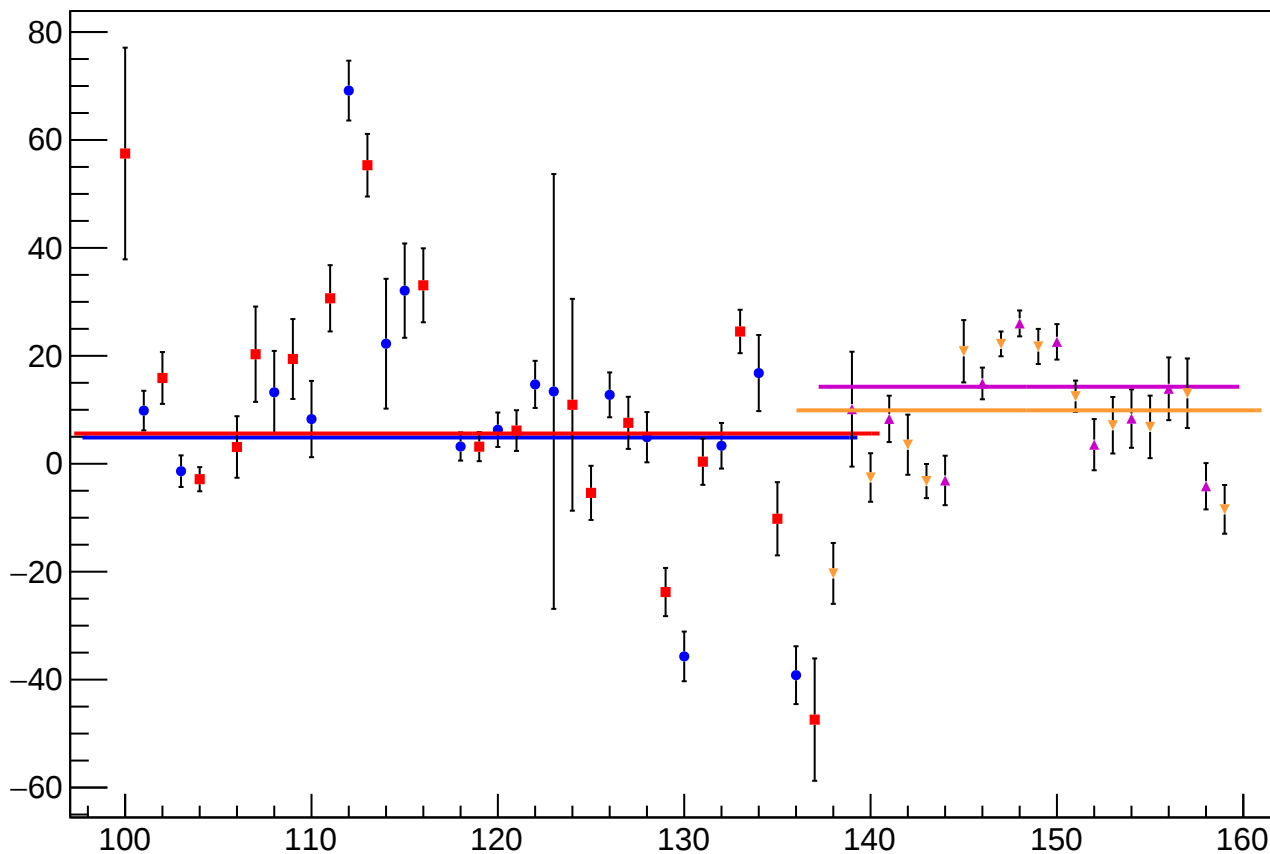
Left In: -297.144+/-1.882 χ^2/NDF : 122.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.628+/-1.277 χ^2/NDF : 3927.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 9.898 ± 1.128 χ^2/NDF : 118.6/11

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

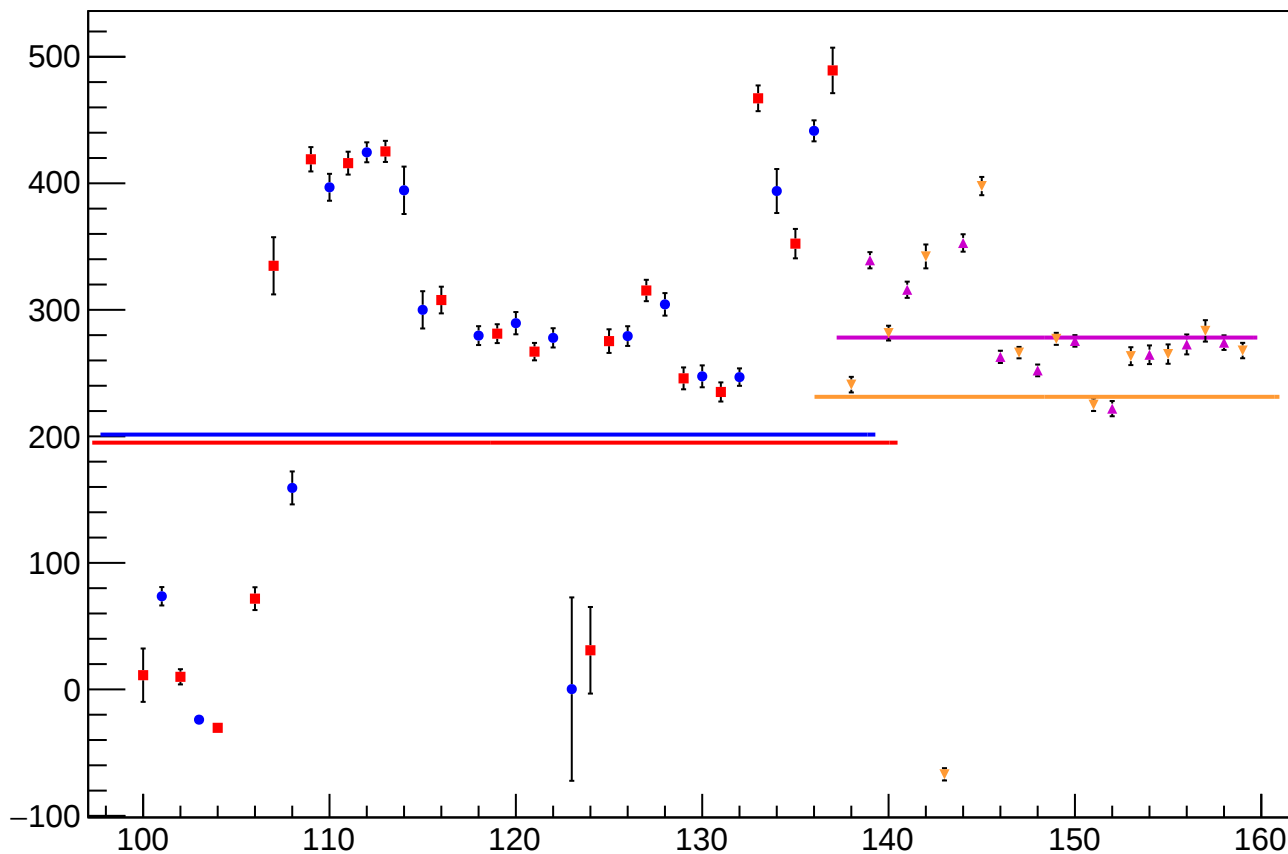
Left In: 14.270 ± 1.235 χ^2/NDF : 71.6/9

+ sign 7.299 ± 0.784 χ^2/NDF : 440.4/28

All: 8.277 ± 0.563 χ^2/NDF : 781.9/57

- sign 9.317 ± 0.809 χ^2/NDF : 338.3/28

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 231.251 $\pm$ 1.717 χ^2 /NDF: 4773.0/11

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

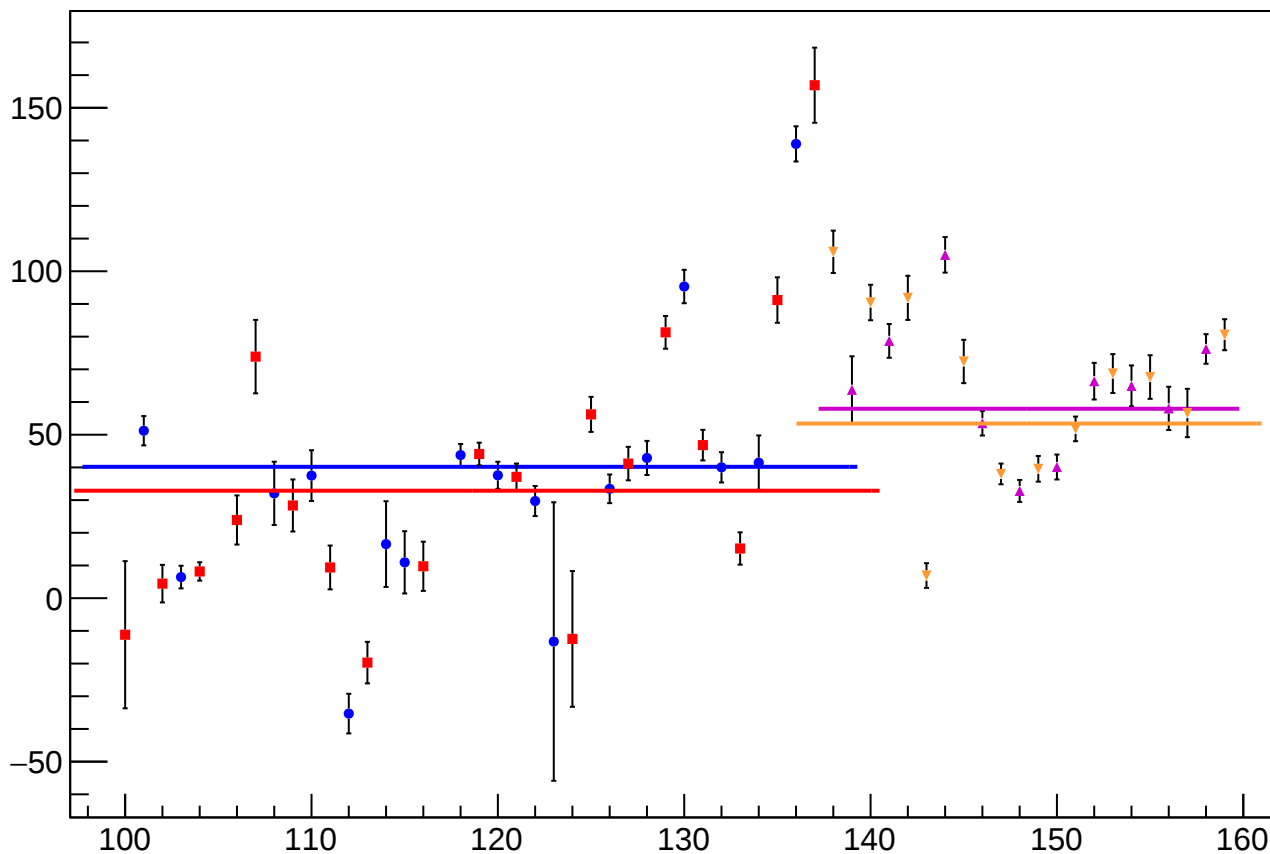
Left In: 278.087 $\pm$ 1.829 χ^2 /NDF: 376.3/9

+ sign 218.398 $\pm$ 1.295 χ^2 /NDF: 11643.6/28

All: 228.279 $\pm$ 0.926 χ^2 /NDF: 21373.0/57

- sign 238.628 $\pm$ 1.326 χ^2 /NDF: 9610.2/28

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 53.419+/-1.386 χ^2/NDF : 384.7/11

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

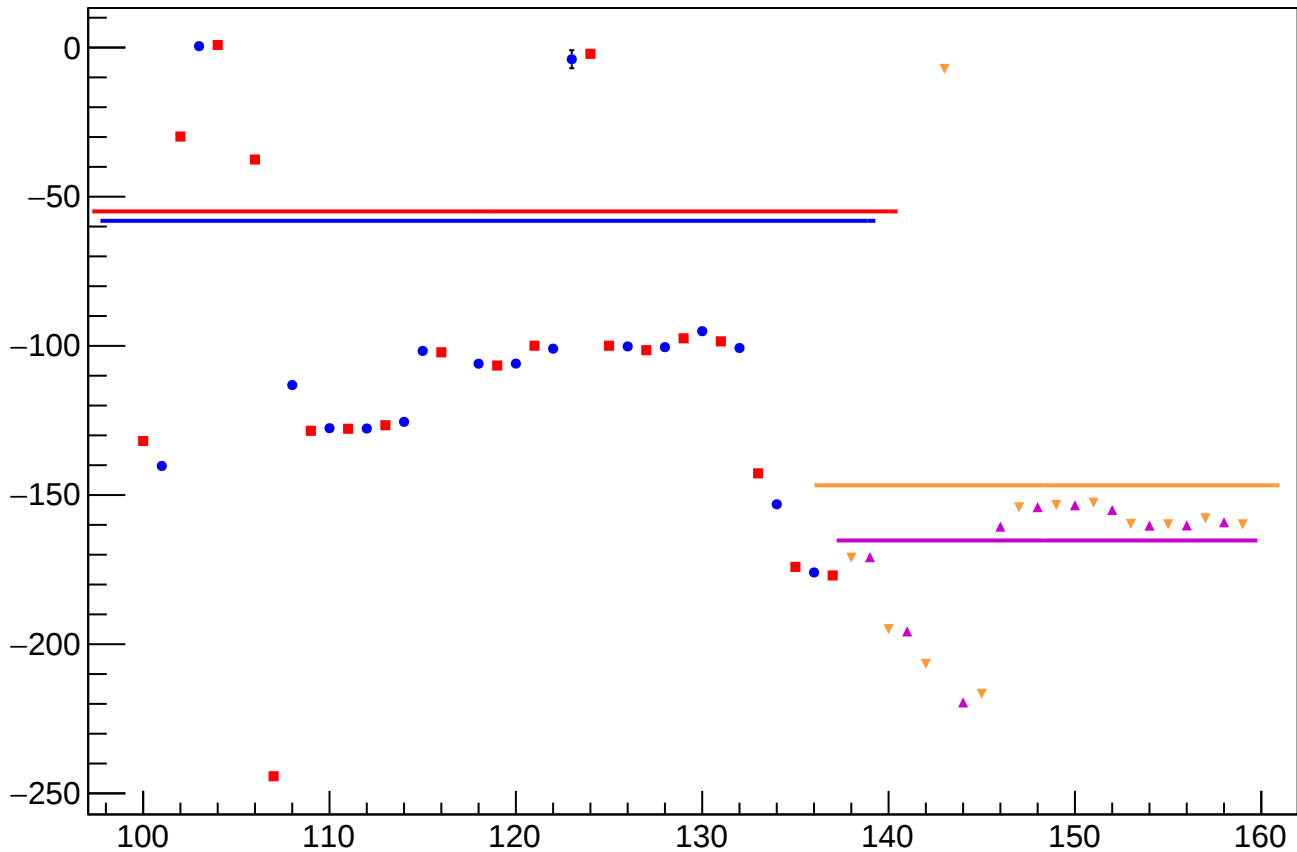
Left In: 57.944+/-1.512 χ^2/NDF : 190.4/9

+ sign 46.225+/-0.936 χ^2/NDF : 1168.3/28

All: 44.690+/-0.671 χ^2/NDF : 2078.6/57

- sign 43.062+/-0.964 χ^2/NDF : 904.7/28

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -146.734+/-0.069 χ^2/NDF : 654079.9/11

Right Out: -54.929+/-0.060 χ^2/NDF : 1003908.6/18

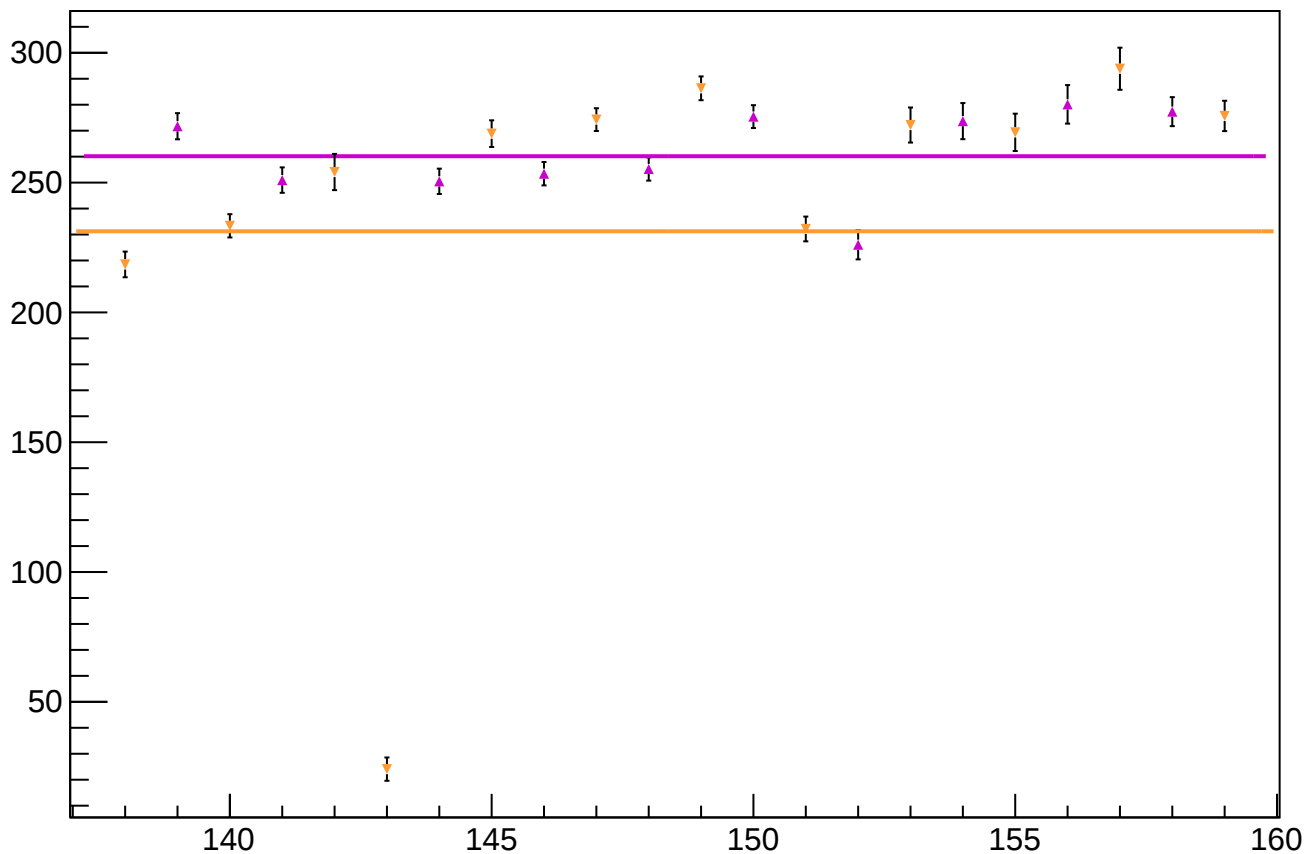
Left In: -165.231+/-0.073 χ^2/NDF : 57446.9/9

+ sign -97.119+/-0.046 χ^2/NDF : 2670107.6/28

All: -98.328+/-0.033 χ^2/NDF : 5091058.4/57

- sign -99.557+/-0.046 χ^2/NDF : 2419563.6/28

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 231.246+/-1.528 χ^2/NDF : 2621.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

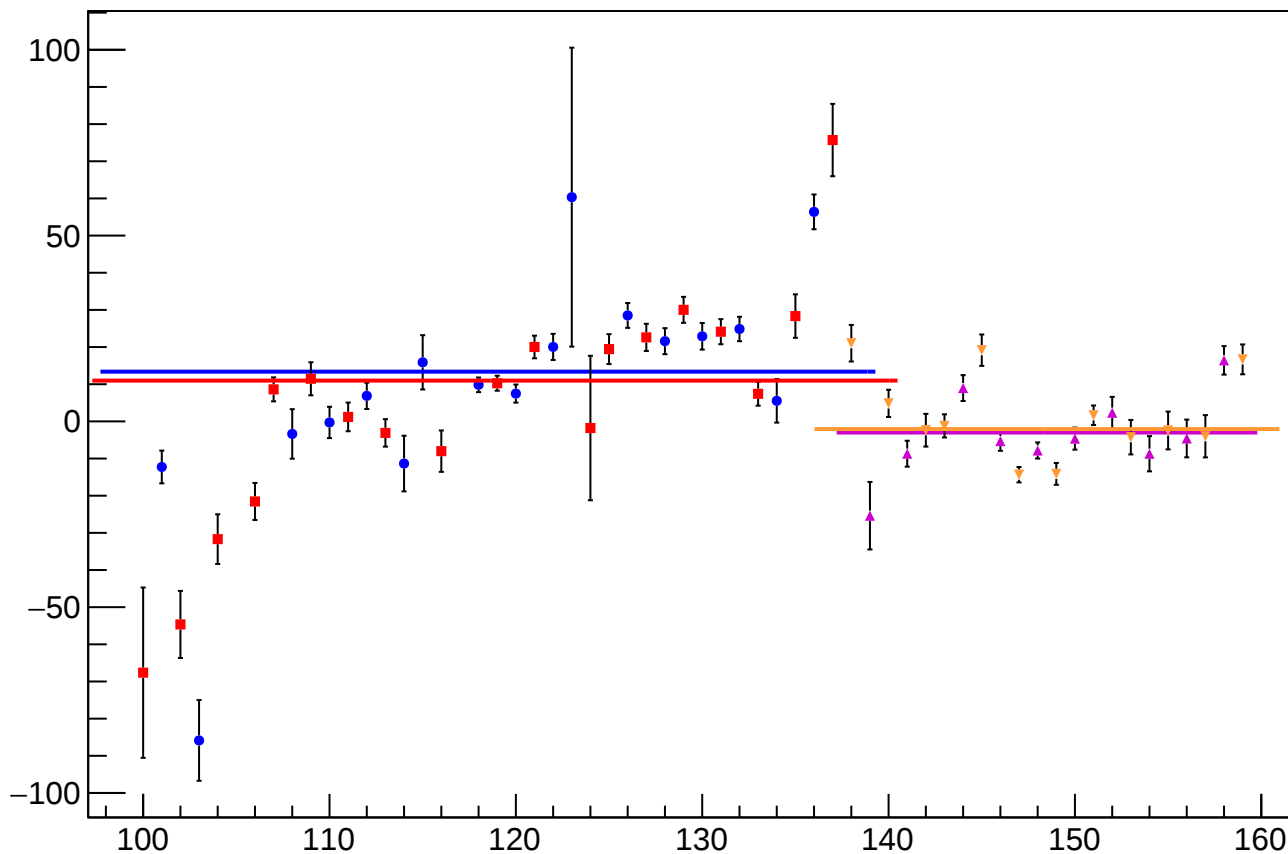
Left In: 260.164+/-1.630 χ^2/NDF : 85.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.770+/-1.115 χ^2/NDF : 2874.4/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -2.066 ± 1.002 $\chi^2/\text{NDF}: 126.8/11$

Right Out: 10.975 ± 0.915 $\chi^2/\text{NDF}: 304.0/18$

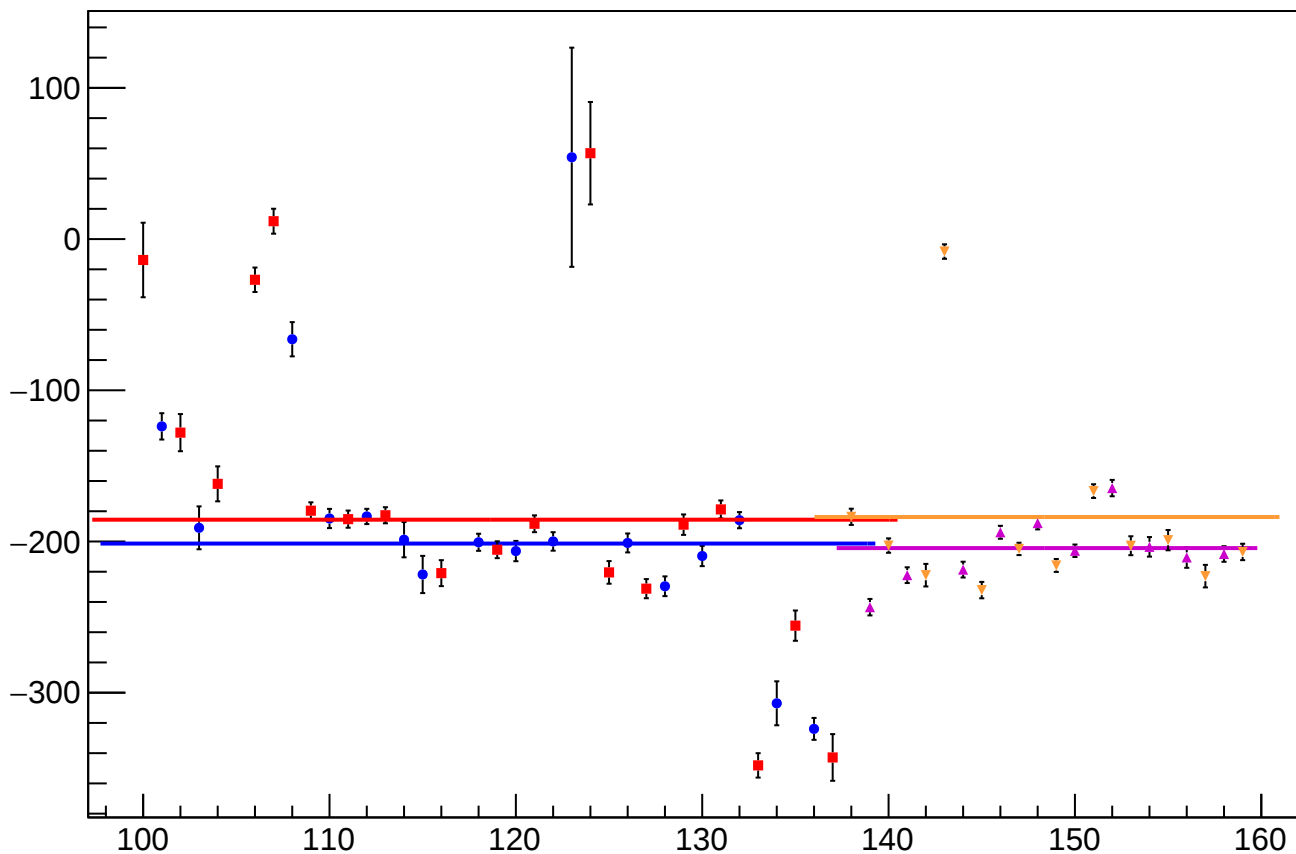
Left In: -2.999 ± 1.082 $\chi^2/\text{NDF}: 55.3/9$

+ sign 6.307 ± 0.678 $\chi^2/\text{NDF}: 549.7/28$

All: 5.747 ± 0.487 $\chi^2/\text{NDF}: 1007.7/57$

- sign 5.152 ± 0.699 $\chi^2/\text{NDF}: 456.6/28$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -183.823 ± 1.513 χ^2/NDF : 1621.2/11

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

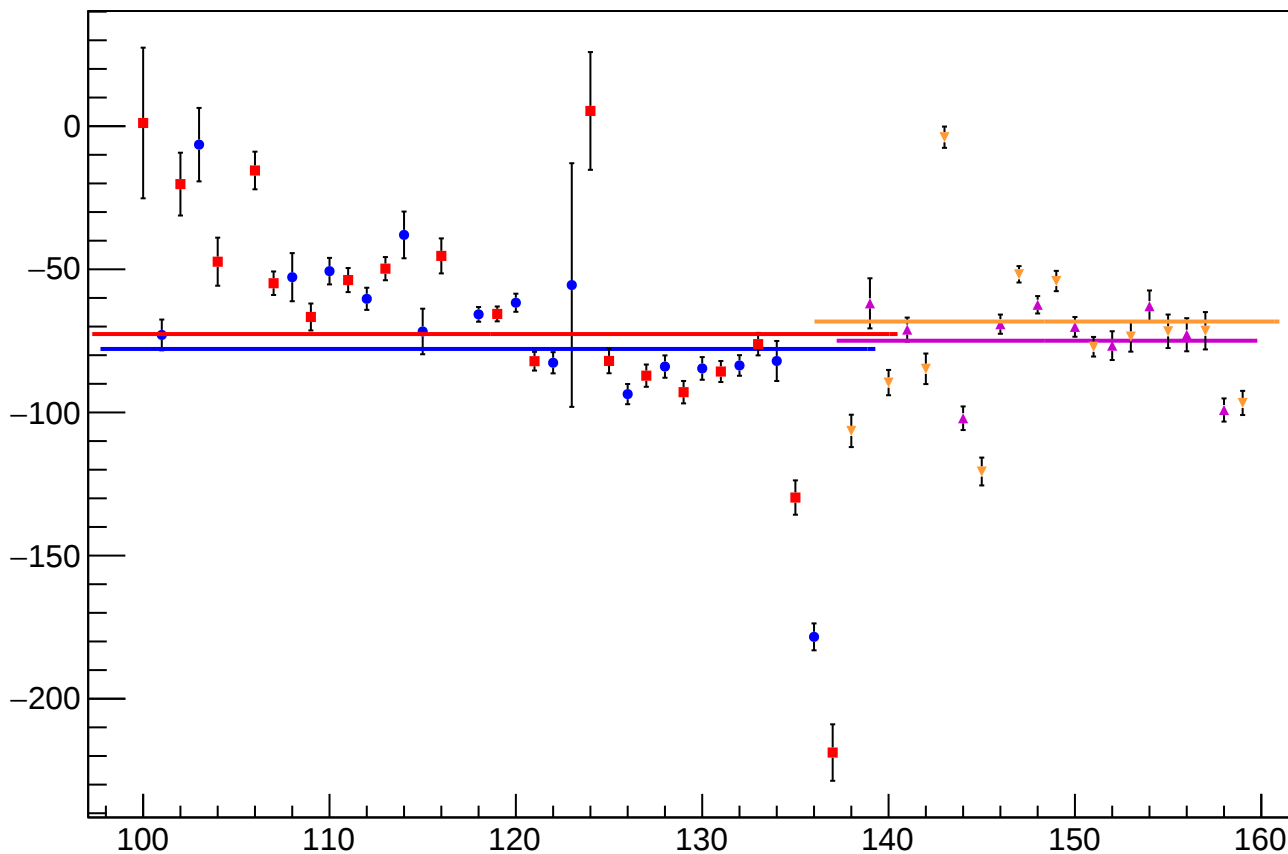
Left In: -204.366 ± 1.593 χ^2/NDF : 147.5/9

+ sign -191.166 ± 1.154 χ^2/NDF : 2302.5/28

All: -193.358 ± 0.819 χ^2/NDF : 4270.4/57

- sign -195.582 ± 1.162 χ^2/NDF : 1960.7/28

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -68.242 ± 1.228 χ^2/NDF : 596.8/11

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

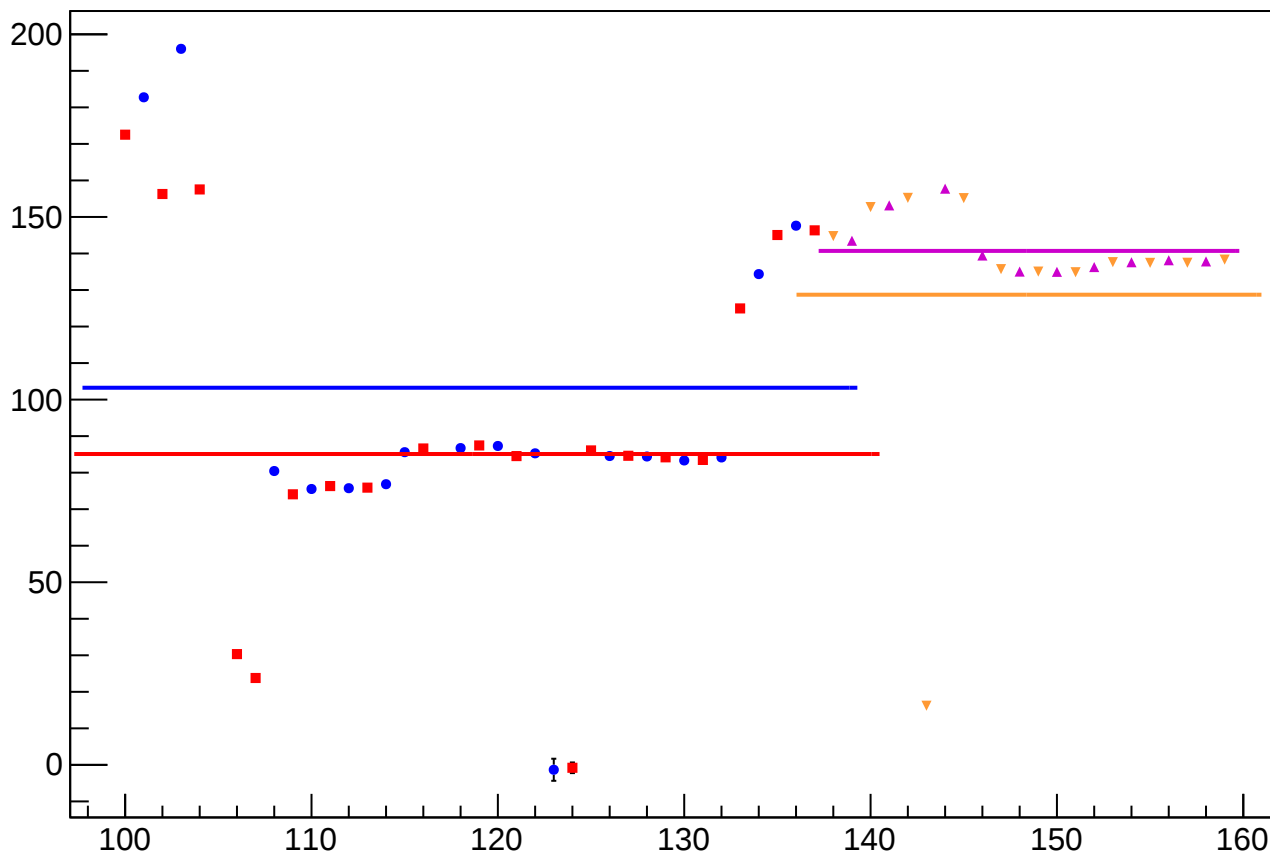
Left In: -74.942 ± 1.320 χ^2/NDF : 109.0/9

+ sign -73.693 ± 0.806 χ^2/NDF : 1287.8/28

All: -73.608 ± 0.576 χ^2/NDF : 2005.6/57

- sign -73.520 ± 0.823 χ^2/NDF : 717.7/28

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 128.715 $\pm$ 0.061 χ^2 /NDF: 394699.5/11

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

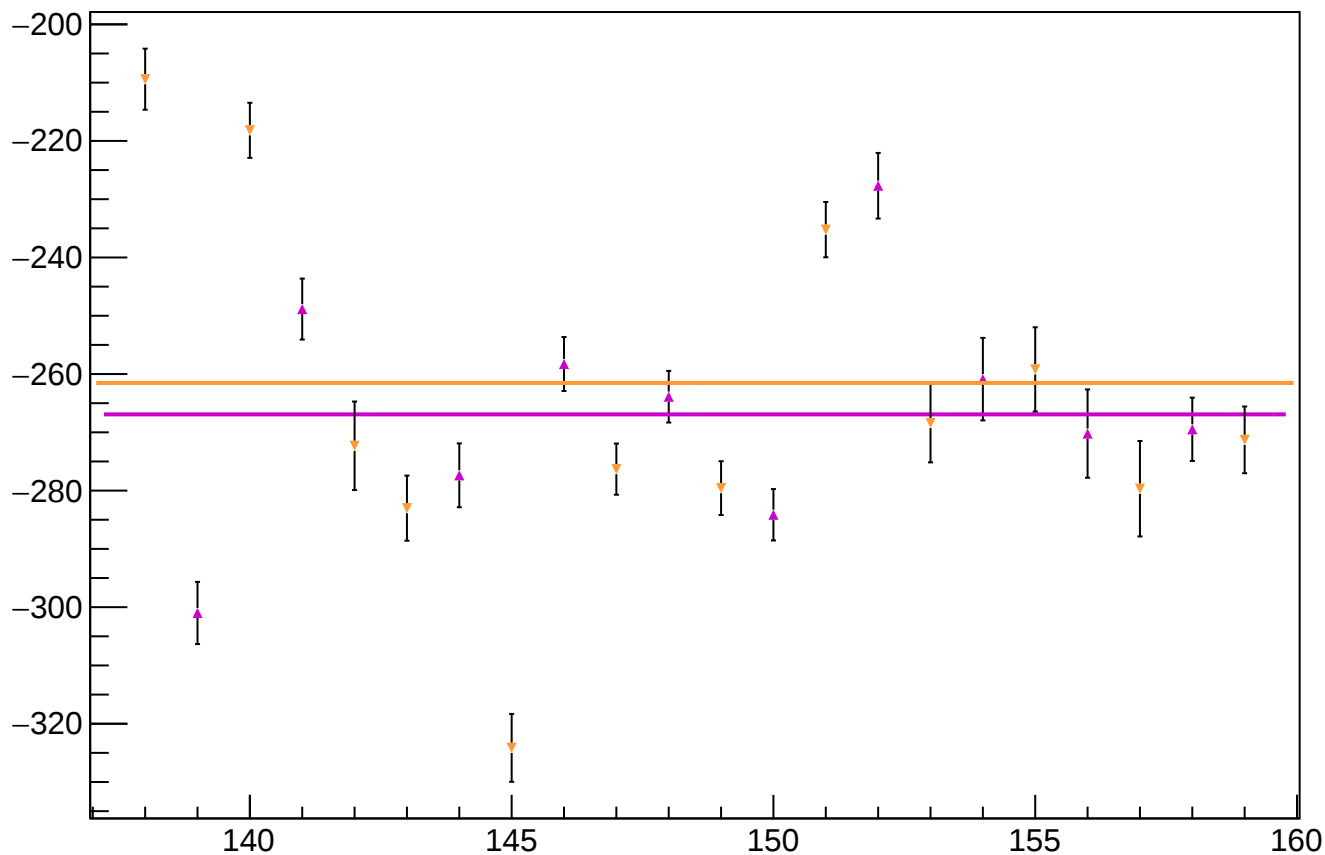
Left In: 140.706 $\pm$ 0.064 χ^2 /NDF: 12364.4/9

+ sign 117.774 $\pm$ 0.046 χ^2 /NDF: 742615.8/28

All: 115.297 $\pm$ 0.032 χ^2 /NDF: 1565470.6/57

- sign 112.943 $\pm$ 0.045 χ^2 /NDF: 817243.4/28

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -261.529+/-1.602 χ^2/NDF : 381.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

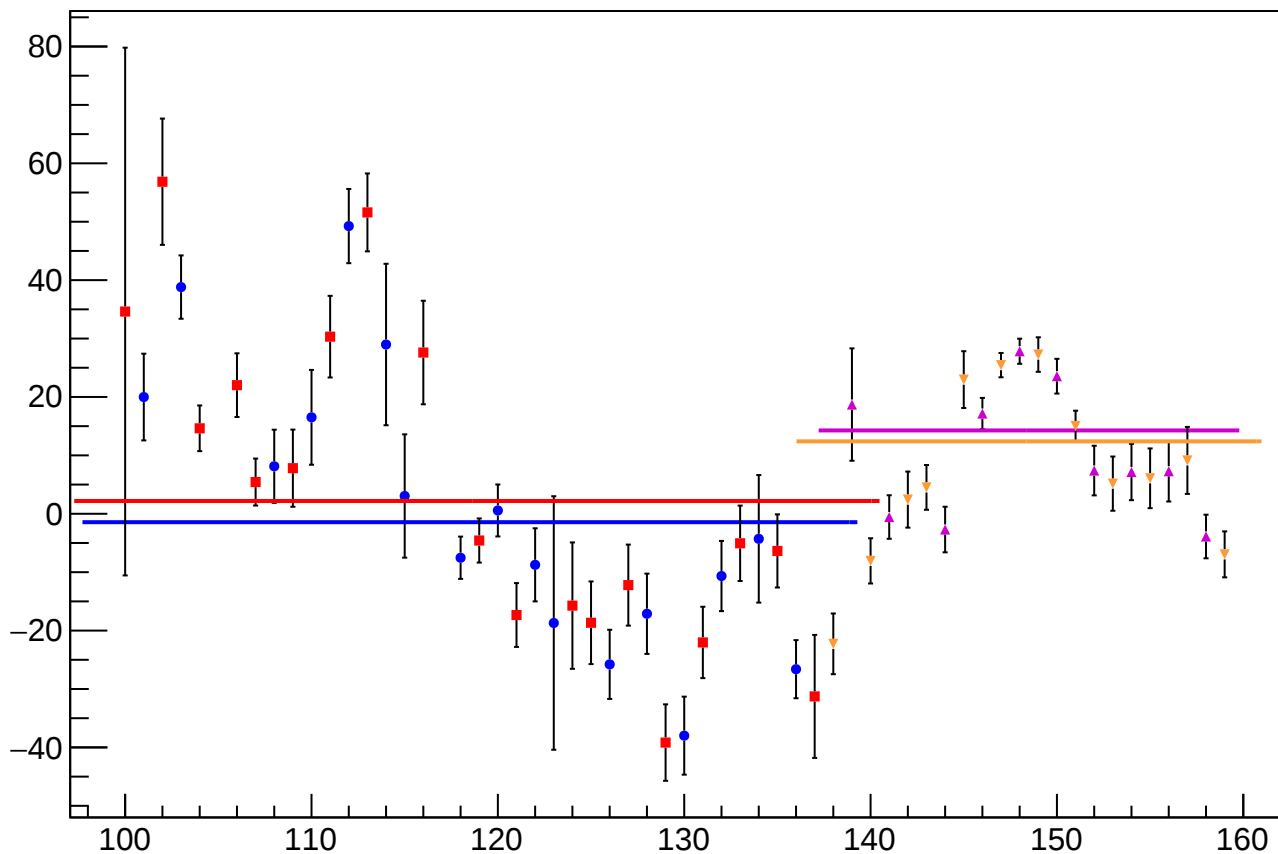
Left In: -266.921+/-1.674 χ^2/NDF : 125.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.105+/-1.157 χ^2/NDF : 512.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 12.398 ± 1.038 $\chi^2/\text{NDF}: 179.8/11$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

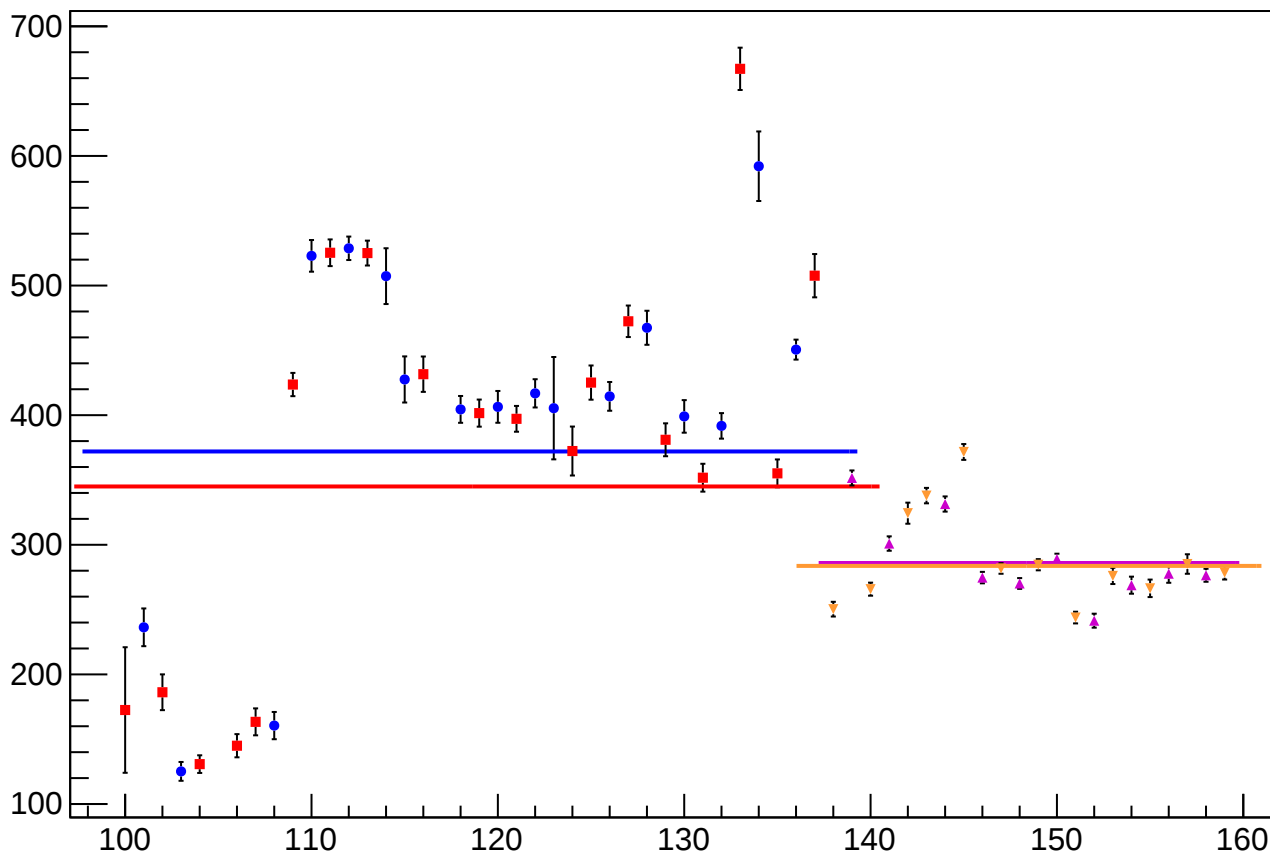
Left In: 14.270 ± 1.101 $\chi^2/\text{NDF}: 115.9/9$

+ sign 7.984 ± 0.856 $\chi^2/\text{NDF}: 461.0/28$

All: 8.810 ± 0.609 $\chi^2/\text{NDF}: 855.5/57$

- sign 9.654 ± 0.866 $\chi^2/\text{NDF}: 392.6/28$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 283.709 $\pm$ 1.575 χ^2 /NDF: 449.4/11

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

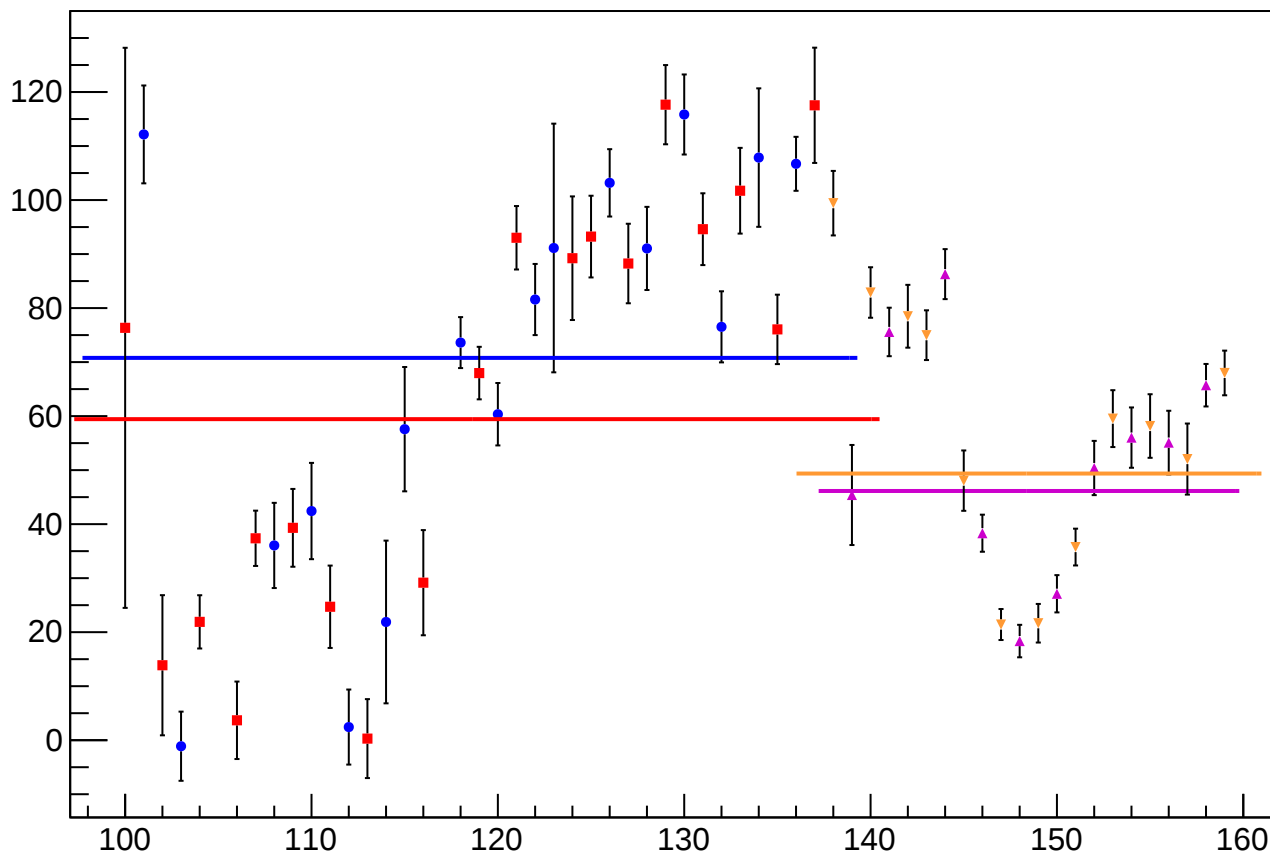
Left In: 285.942 $\pm$ 1.629 χ^2 /NDF: 298.1/9

+ sign 305.335 $\pm$ 1.368 χ^2 /NDF: 3650.6/28

All: 304.149 $\pm$ 0.970 χ^2 /NDF: 7743.1/57

- sign 302.952 $\pm$ 1.374 χ^2 /NDF: 4091.0/28

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 49.368 $\pm$ 1.275 χ^2 /NDF: 375.1/11

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

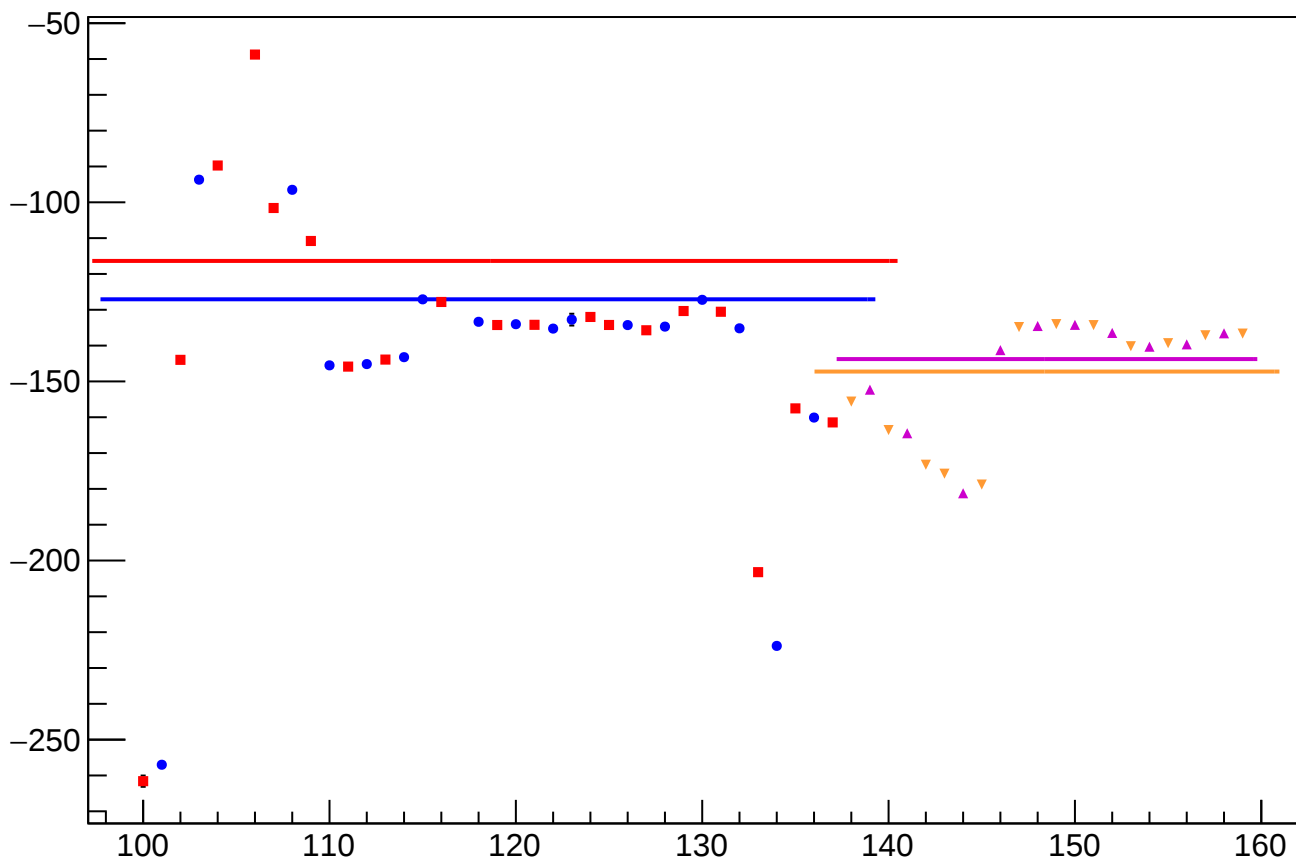
Left In: 46.138 $\pm$ 1.345 χ^2 /NDF: 270.2/9

+ sign 56.812 $\pm$ 1.030 χ^2 /NDF: 897.1/28

All: 54.188 $\pm$ 0.731 χ^2 /NDF: 1706.6/57

- sign 51.522 $\pm$ 1.038 χ^2 /NDF: 796.4/28

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.076 $\pm$ 0.090 χ^2 /NDF: 167028.9/16

Left Out: -147.246 $\pm$ 0.064 χ^2 /NDF: 64709.4/11

Right Out: -116.365 $\pm$ 0.083 χ^2 /NDF: 167555.3/18

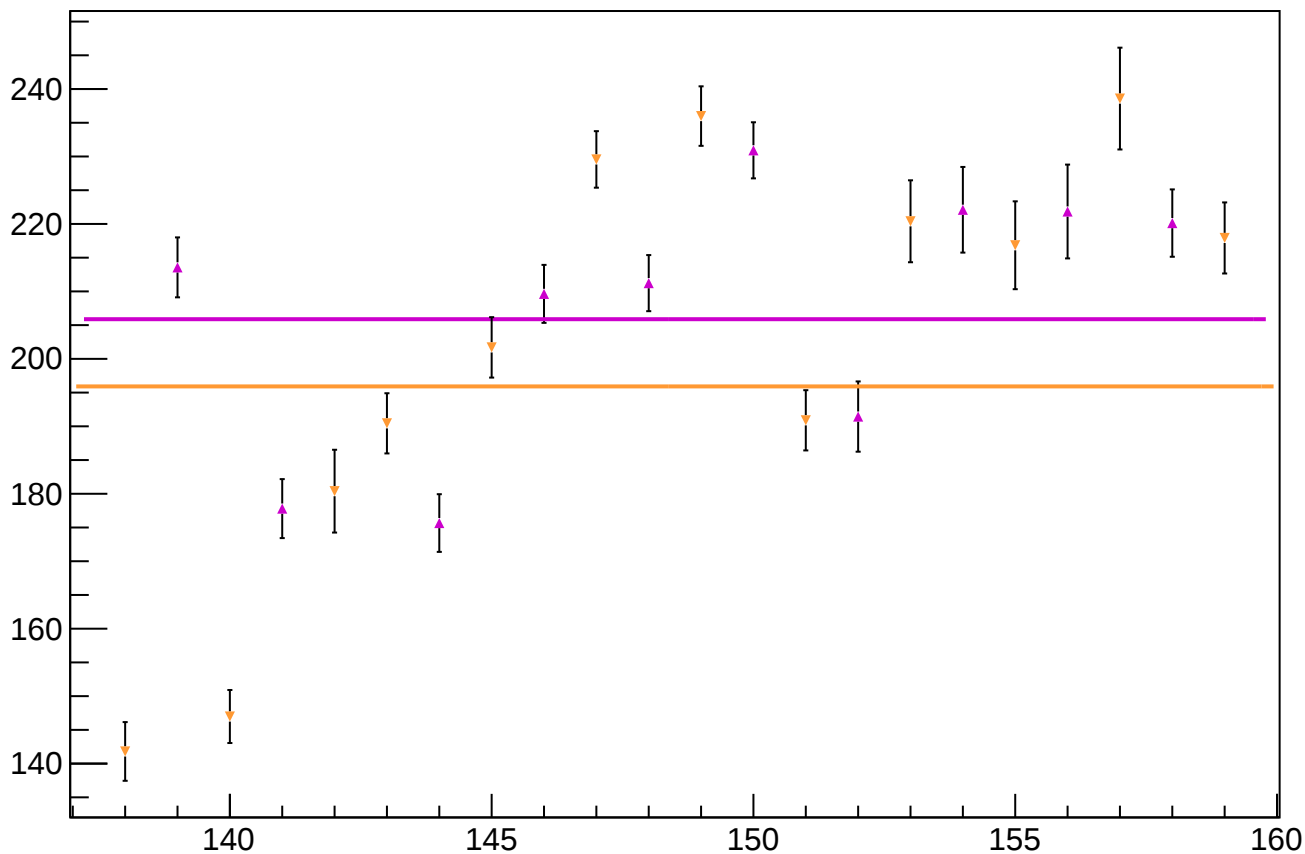
Left In: -143.764 $\pm$ 0.065 χ^2 /NDF: 40662.8/9

+ sign -140.469 $\pm$ 0.052 χ^2 /NDF: 265442.7/28

All: -136.850 $\pm$ 0.036 χ^2 /NDF: 550900.2/57

- sign -133.333 $\pm$ 0.051 χ^2 /NDF: 275866.6/28

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 195.915+/-1.404 χ^2/NDF : 543.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

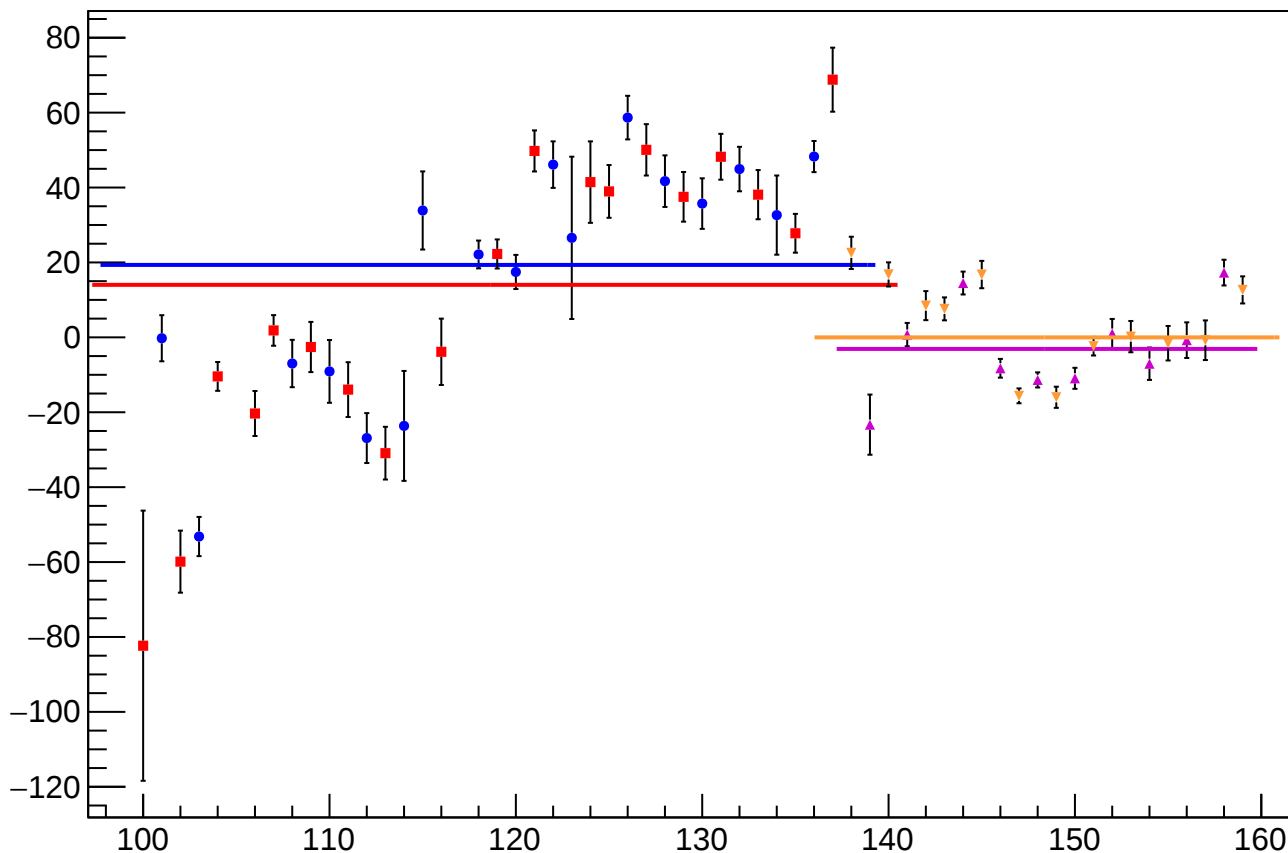
Left In: 205.880+/-1.491 χ^2/NDF : 160.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.600+/-1.022 χ^2/NDF : 727.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: -0.010 ± 0.930 χ^2/NDF : 193.9/11

Right Out: 14.018 ± 1.390 χ^2/NDF : 433.2/18

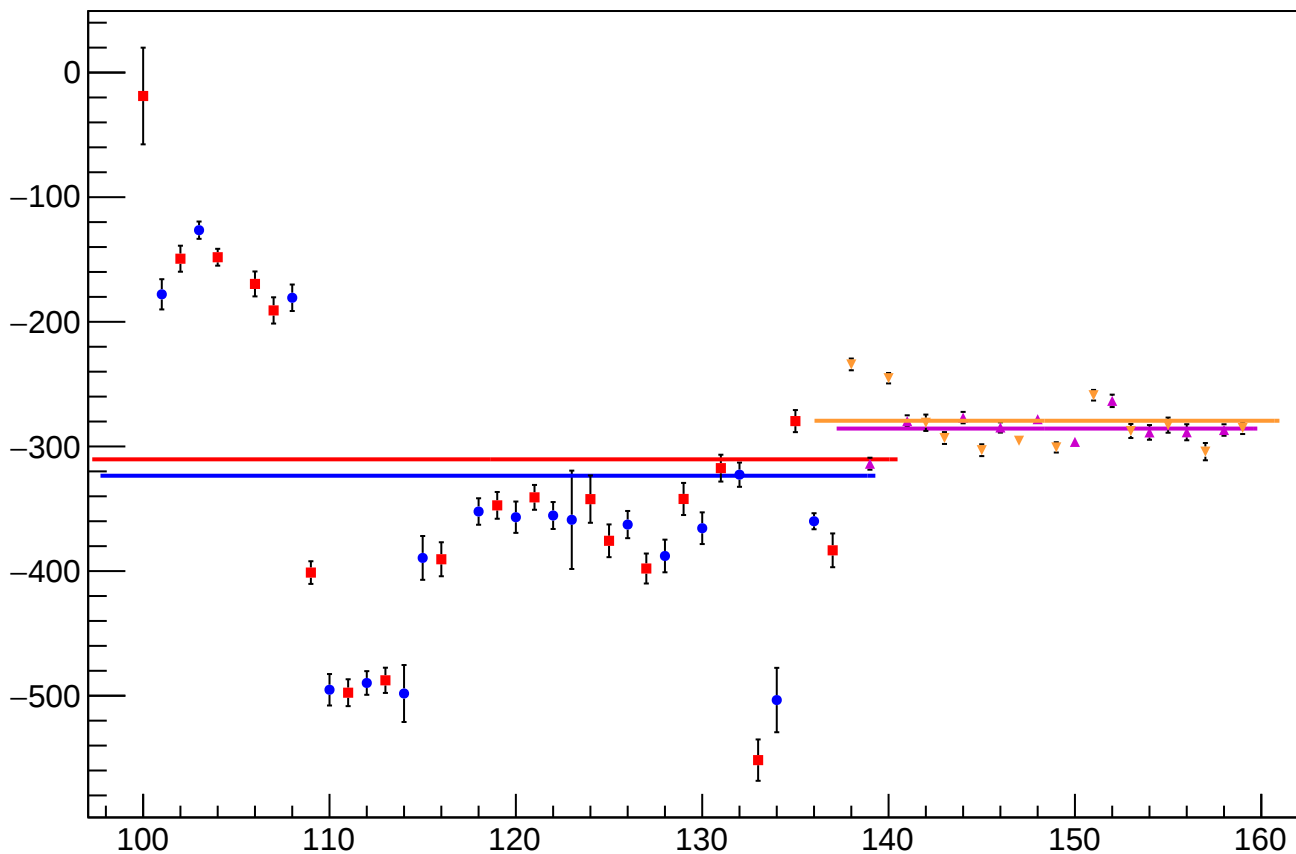
Left In: -3.093 ± 0.997 χ^2/NDF : 107.4/9

+ sign 5.452 ± 0.788 χ^2/NDF : 756.0/28

All: 4.125 ± 0.565 χ^2/NDF : 1402.5/57

- sign -2.720 ± 0.810 χ^2/NDF : 640.6/28

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -279.381 ± 1.394 $\chi^2/\text{NDF}: 275.1/11$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

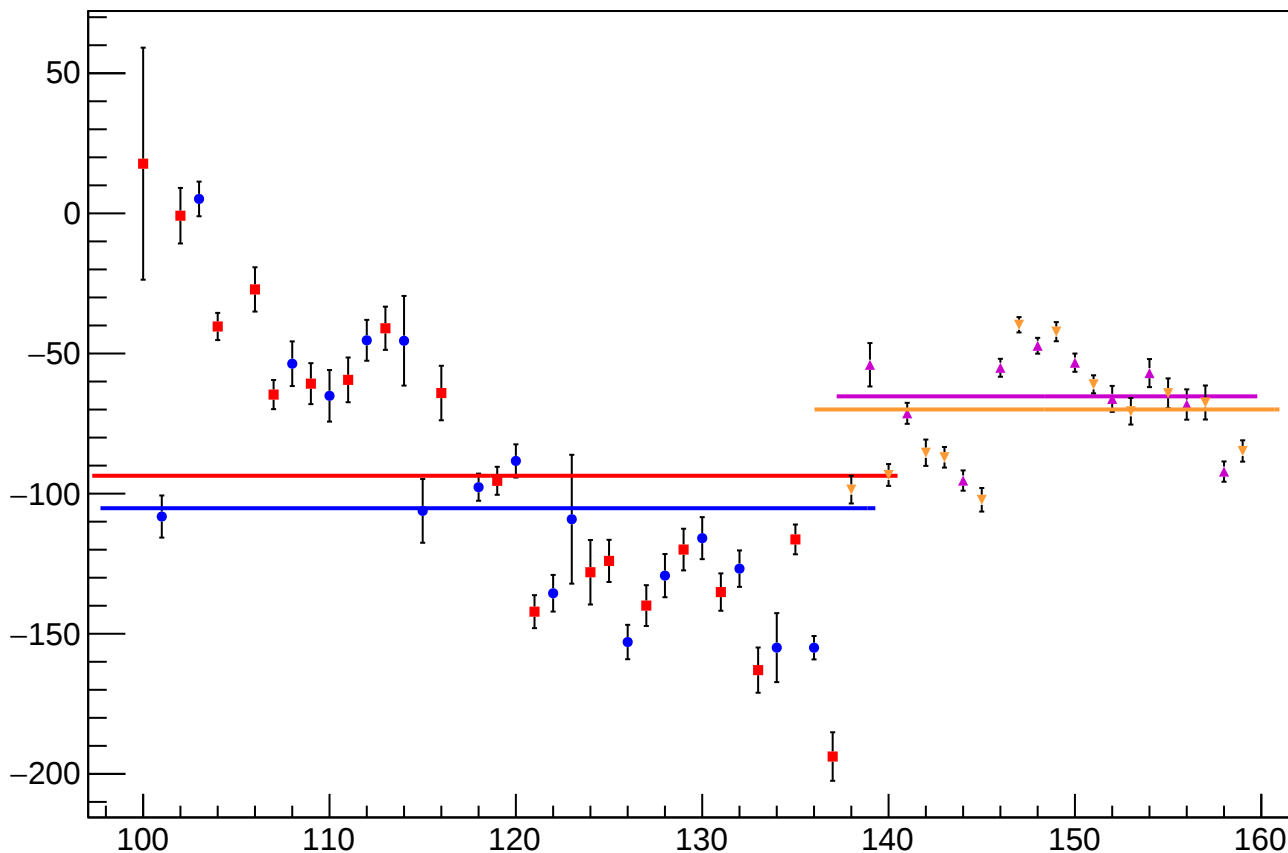
Left In: -285.653 ± 1.461 $\chi^2/\text{NDF}: 71.5/9$

+ sign -288.818 ± 1.236 $\chi^2/\text{NDF}: 2336.8/28$

All: -290.303 ± 0.884 $\chi^2/\text{NDF}: 4783.5/57$

- sign -291.855 ± 1.264 $\chi^2/\text{NDF}: 2443.8/28$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -69.966 ± 1.136 χ^2/NDF : 372.8/11

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

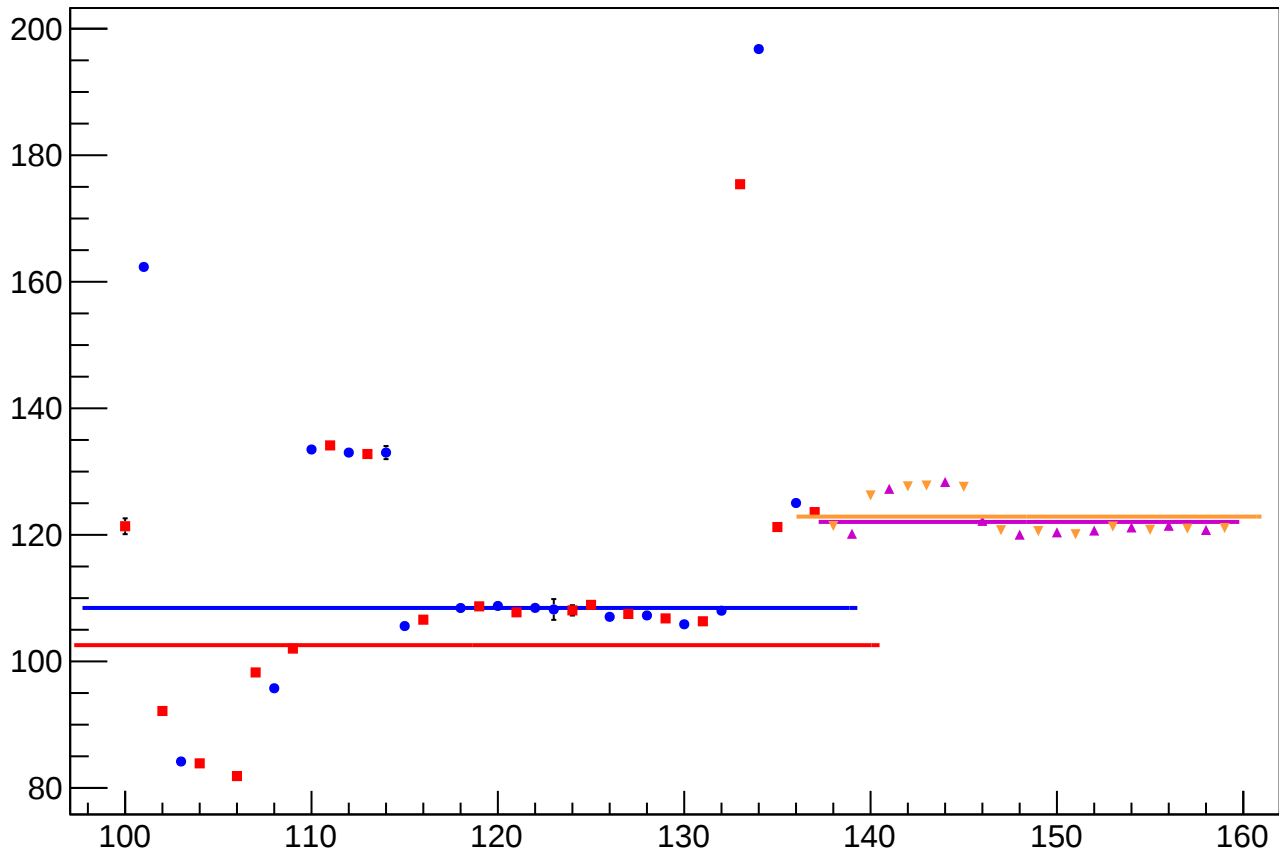
Left In: -65.289 ± 1.214 χ^2/NDF : 196.5/9

+ sign -80.875 ± 0.944 χ^2/NDF : 1406.2/28

All: -78.287 ± 0.676 χ^2/NDF : 2638.3/57

- sign -75.559 ± 0.969 χ^2/NDF : 1216.6/28

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.448 ± 0.085 χ^2/NDF : 73265.3/16

Left Out: 122.884 ± 0.056 χ^2/NDF : 2873.9/11

Right Out: 102.566 ± 0.079 χ^2/NDF : 53135.3/18

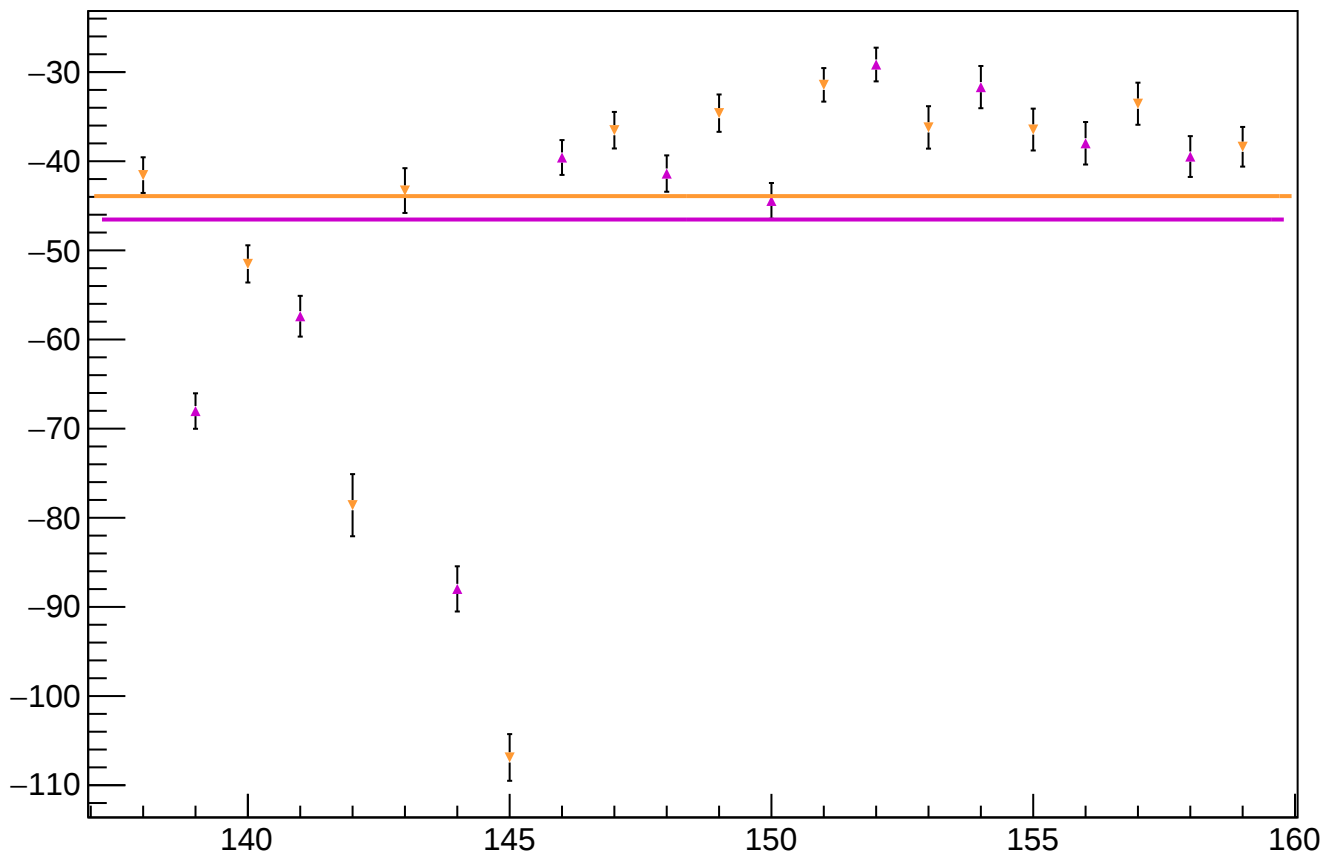
Left In: 122.045 ± 0.058 χ^2/NDF : 2273.5/9

+ sign 118.476 ± 0.047 χ^2/NDF : 96273.4/28

All: 116.862 ± 0.033 χ^2/NDF : 193183.5/57

- sign 115.241 ± 0.047 χ^2/NDF : 94532.0/28

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -43.913+/-0.652 χ^2/NDF : 814.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

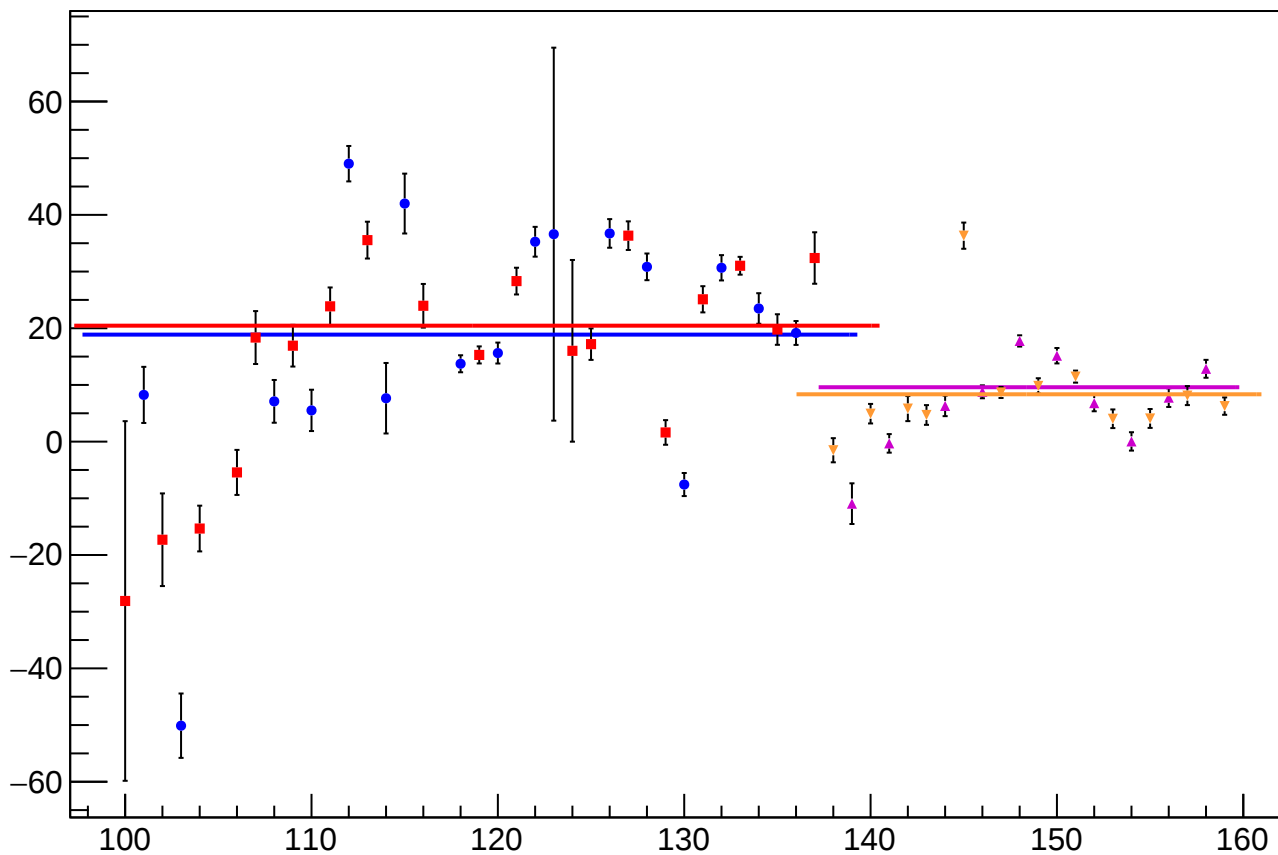
Left In: -46.540+/-0.678 χ^2/NDF : 572.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.175+/-0.470 χ^2/NDF : 1395.0/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.876 ± 0.644 χ^2/NDF : 620.5/16

Left Out: 8.351 ± 0.435 χ^2/NDF : 203.0/11

Right Out: 20.454 ± 0.643 χ^2/NDF : 364.8/18

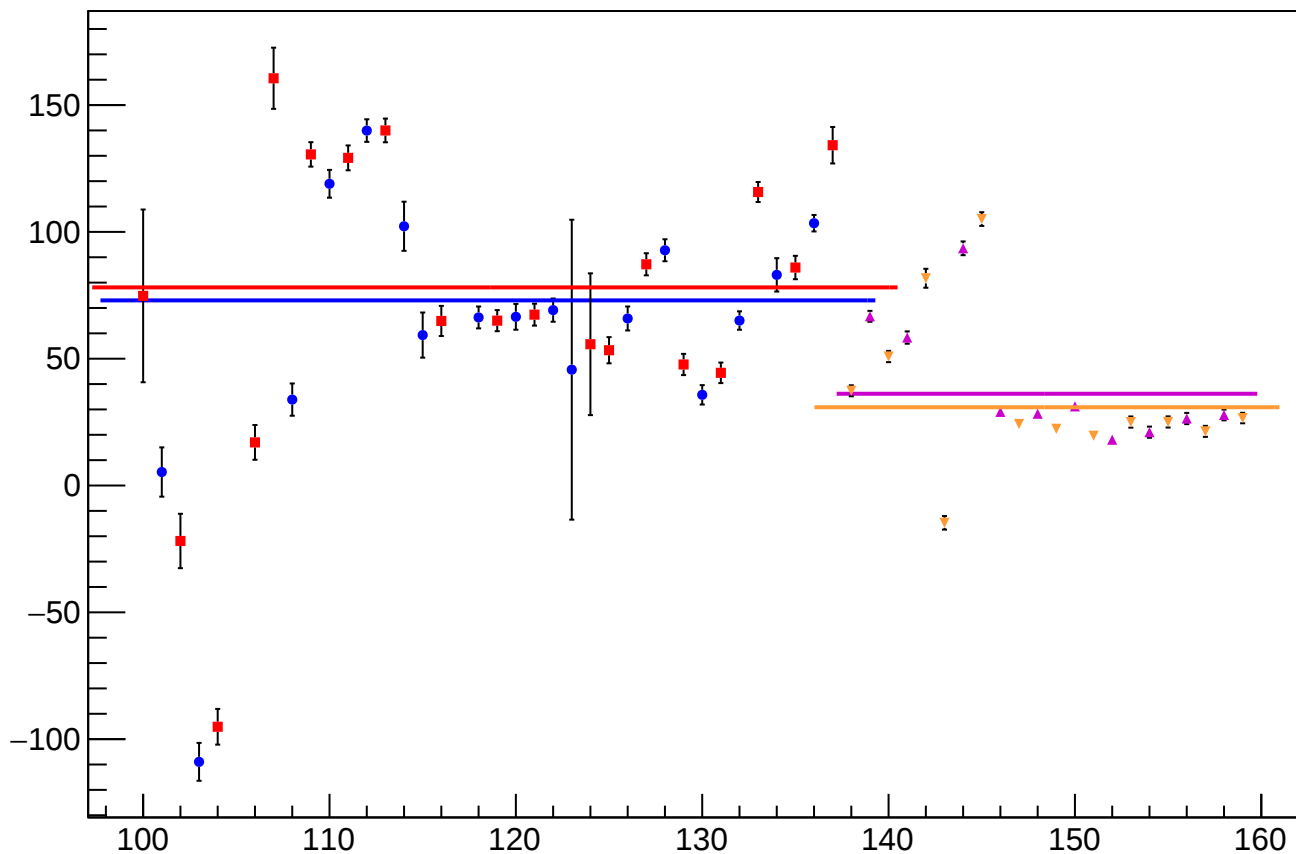
Left In: 9.595 ± 0.460 χ^2/NDF : 201.7/9

+ sign 11.648 ± 0.361 χ^2/NDF : 1006.6/28

All: 12.429 ± 0.260 χ^2/NDF : 1771.3/57

- sign 13.271 ± 0.374 χ^2/NDF : 754.9/28

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 30.864 $\pm$ 0.637 χ^2 /NDF:1424.8/11

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

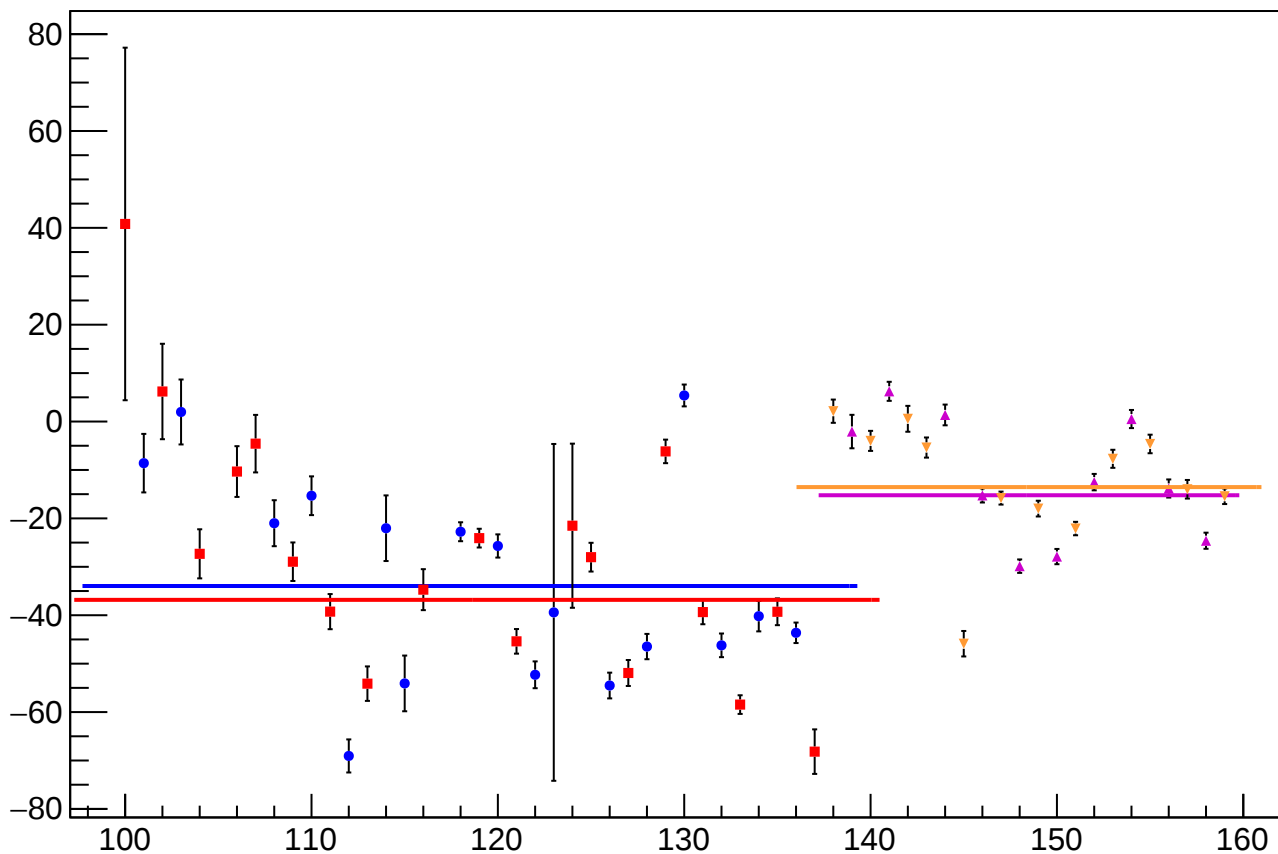
Left In: 36.177 $\pm$ 0.659 χ^2 /NDF:952.6/9

+ sign 39.777 $\pm$ 0.566 χ^2 /NDF: 3555.2/28

All: 42.622 $\pm$ 0.405 χ^2 /NDF: 7017.6/57

- sign 45.612 $\pm$ 0.580 χ^2 /NDF: 3410.6/28

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.537 ± 0.528 χ^2/NDF : 339.6/11

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

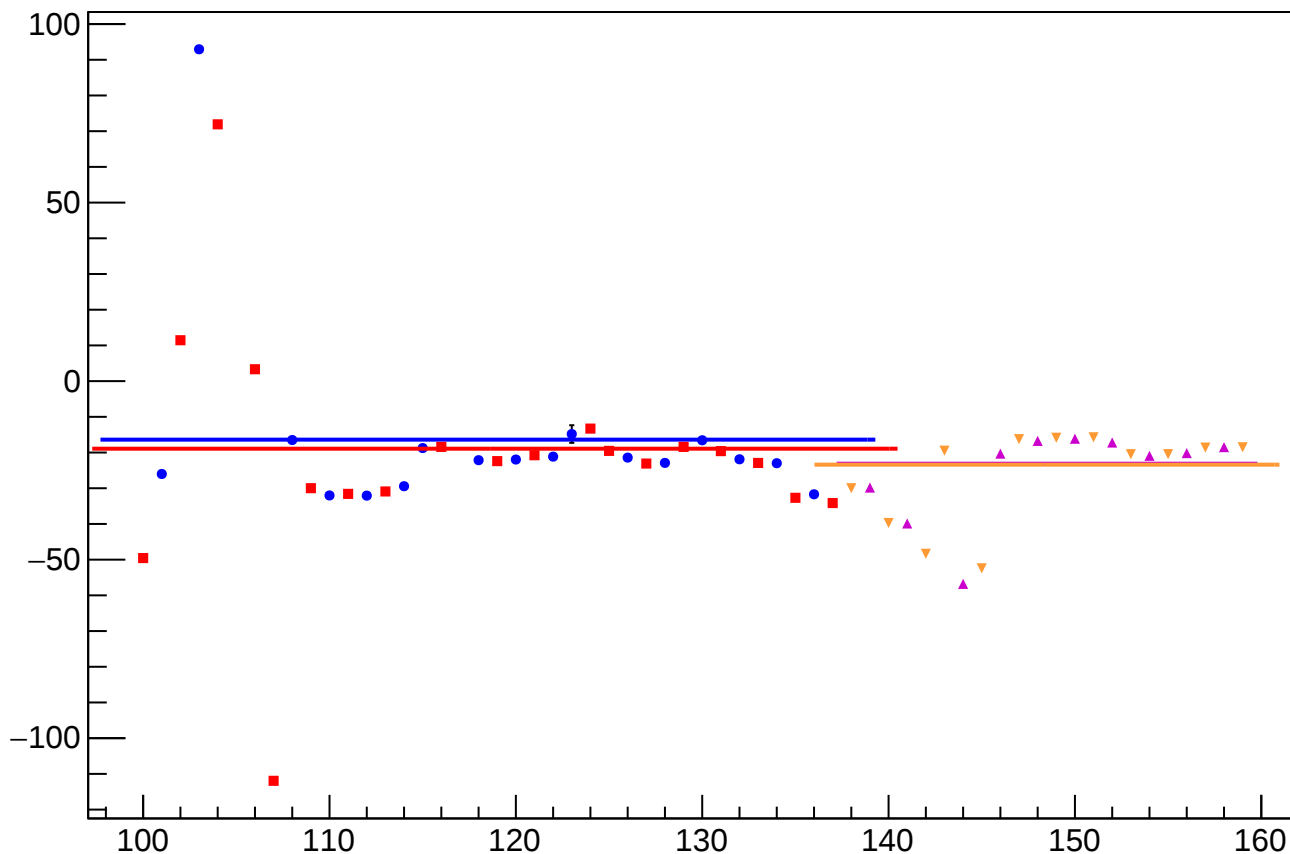
Left In: -15.222 ± 0.556 χ^2/NDF : 475.2/9

+ sign -20.451 ± 0.429 χ^2/NDF : 1568.9/28

All: -21.713 ± 0.309 χ^2/NDF : 3149.5/57

- sign -23.063 ± 0.444 χ^2/NDF : 1562.6/28

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -23.401 ± 0.025 $\chi^2/\text{NDF}: 172458.6/11$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

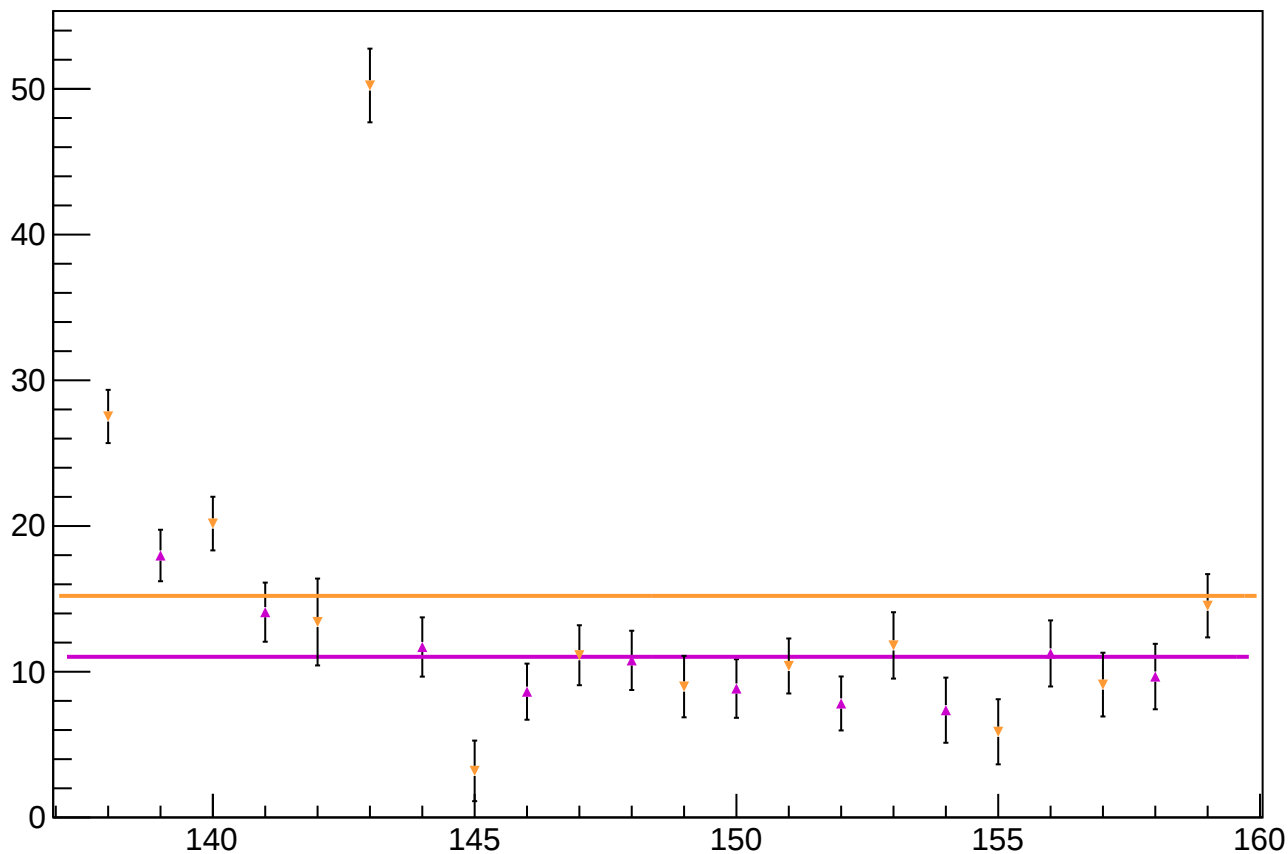
Left In: -23.127 ± 0.026 $\chi^2/\text{NDF}: 144654.7/9$

+ sign -21.714 ± 0.022 $\chi^2/\text{NDF}: 665658.0/28$

All: -21.901 ± 0.016 $\chi^2/\text{NDF}: 1251123.3/57$

- sign -22.099 ± 0.022 $\chi^2/\text{NDF}: 585313.7/28$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 15.206+/-0.614 χ^2/NDF : 325.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

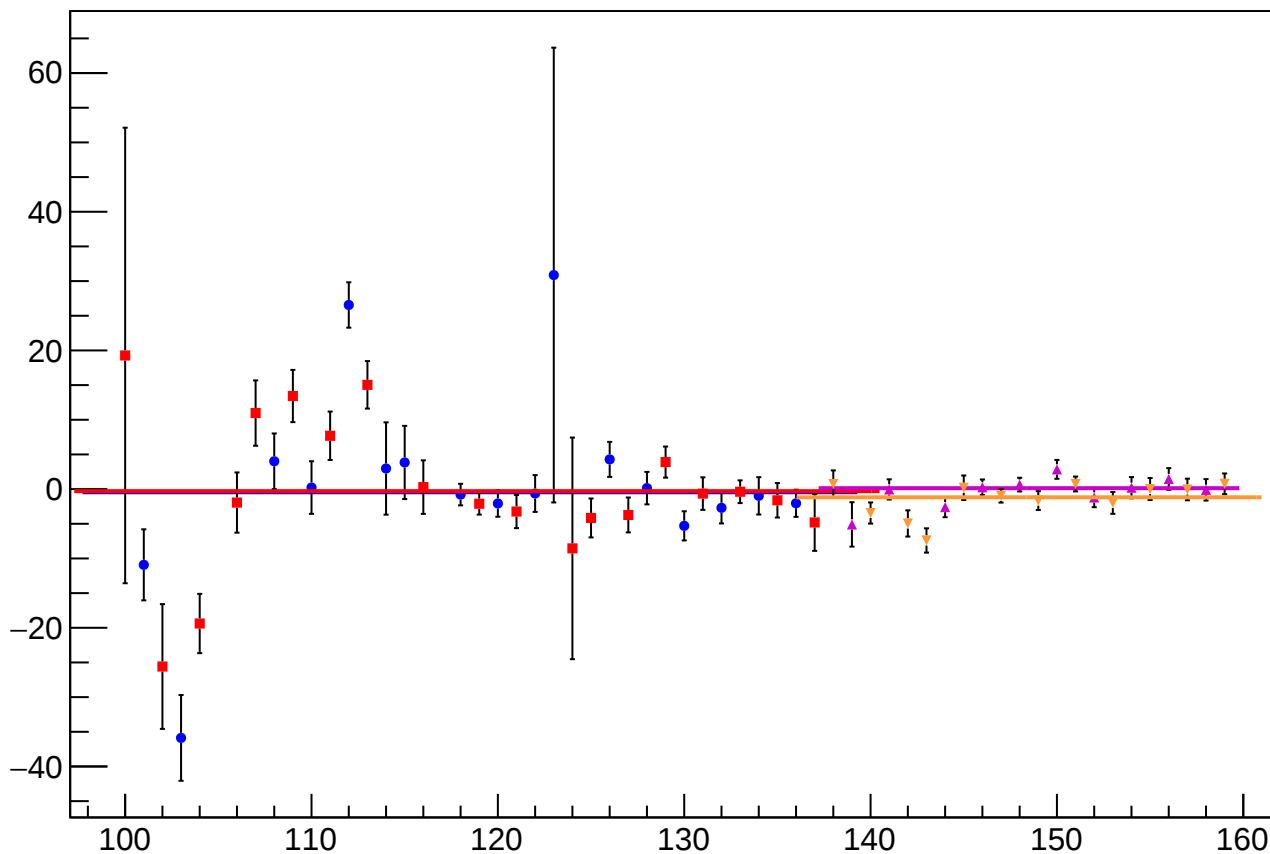
Left In: 11.025+/-0.639 χ^2/NDF : 26.7/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.199+/-0.443 χ^2/NDF : 374.0/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.182 ± 0.418 χ^2/NDF : 26.8/11

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

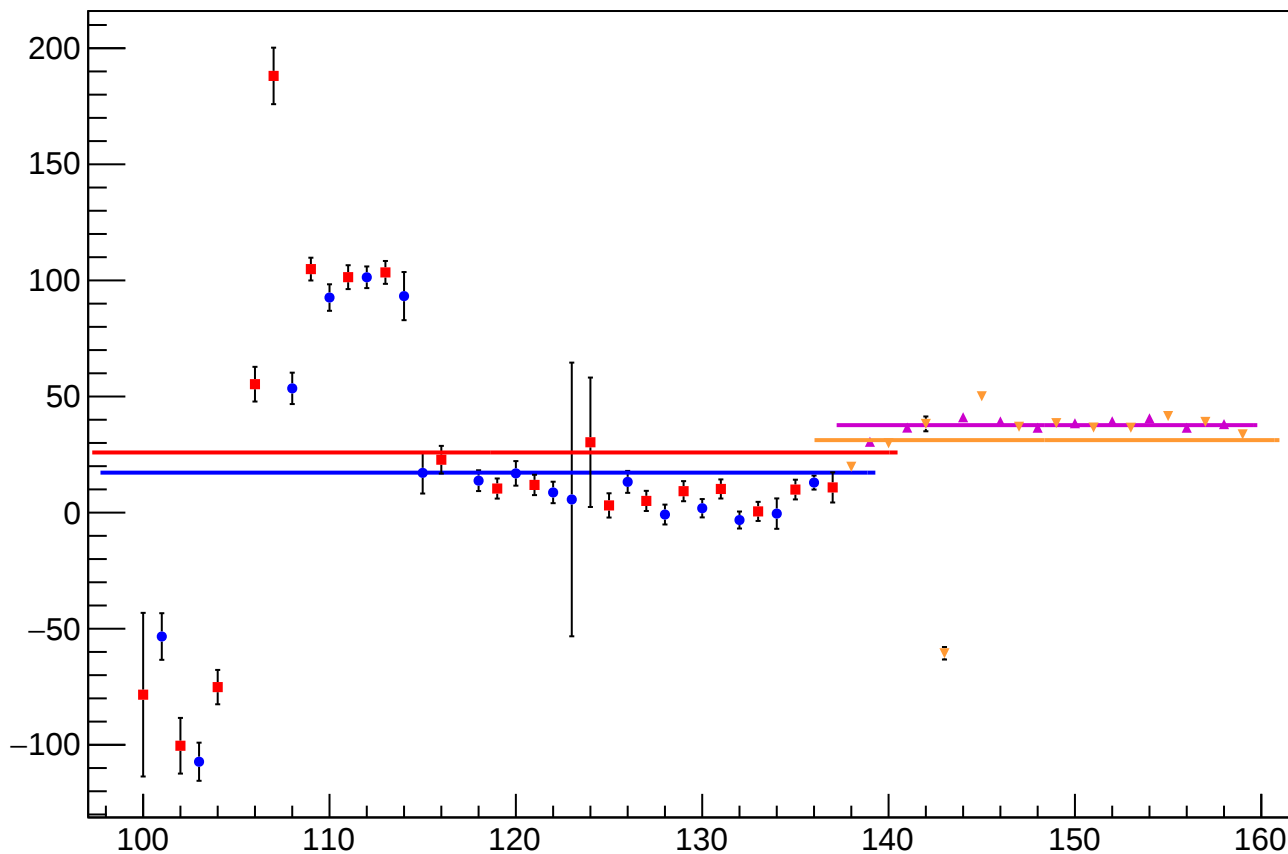
Left In: 0.133 ± 0.441 χ^2/NDF : 12.1/9

+ sign -0.971 ± 0.352 χ^2/NDF : 147.2/28

All: -0.505 ± 0.254 χ^2/NDF : 247.8/57

- sign -0.000 ± 0.366 χ^2/NDF : 96.9/28

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 31.220 ± 0.604 $\chi^2/\text{NDF}: 1352.0/11$

Right Out: 25.902 ± 1.243 $\chi^2/\text{NDF}: 1374.8/18$

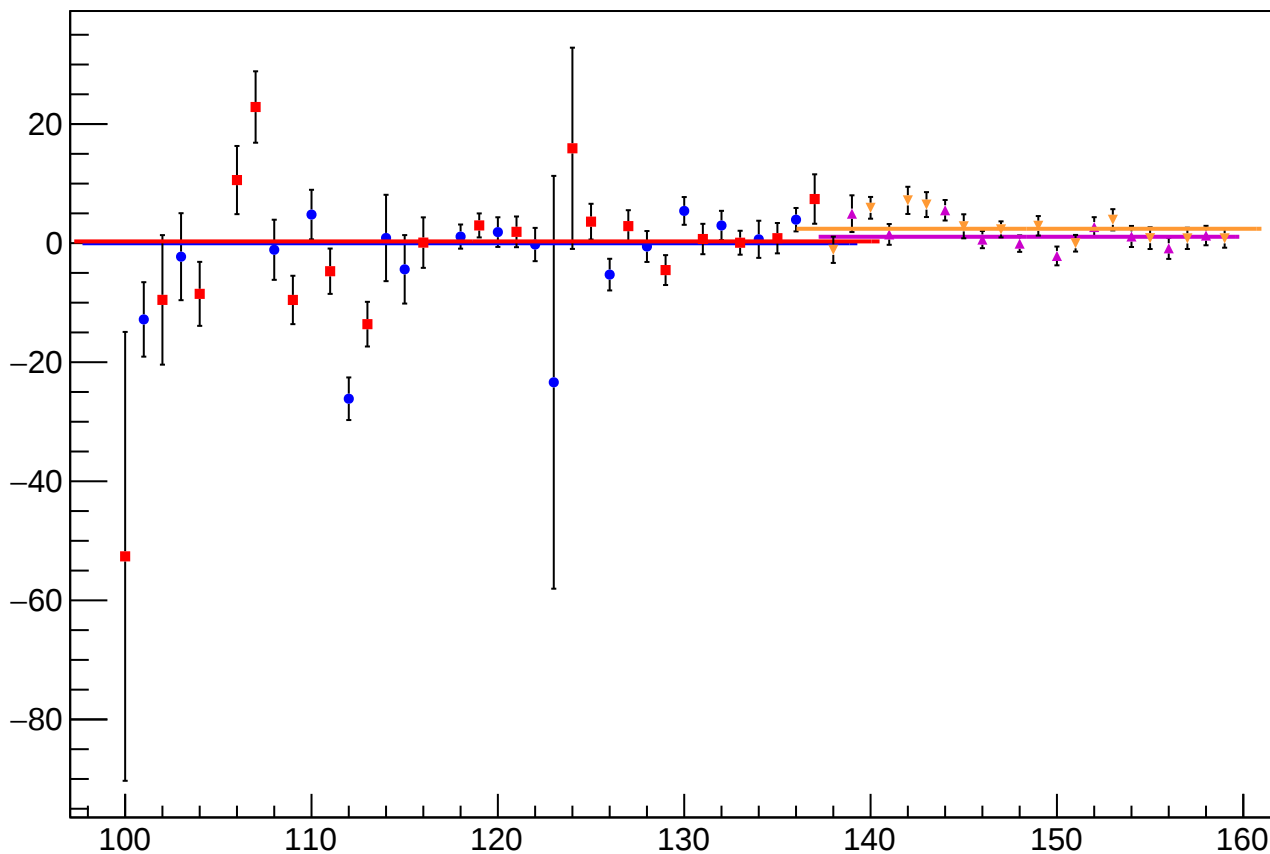
Left In: 37.674 ± 0.625 $\chi^2/\text{NDF}: 21.2/9$

+ sign 28.539 ± 0.543 $\chi^2/\text{NDF}: 2395.1/28$

All: 31.826 ± 0.389 $\chi^2/\text{NDF}: 3938.0/57$

- sign 35.300 ± 0.558 $\chi^2/\text{NDF}: 1467.5/28$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.414 ± 0.504 χ^2/NDF : 20.9/11

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

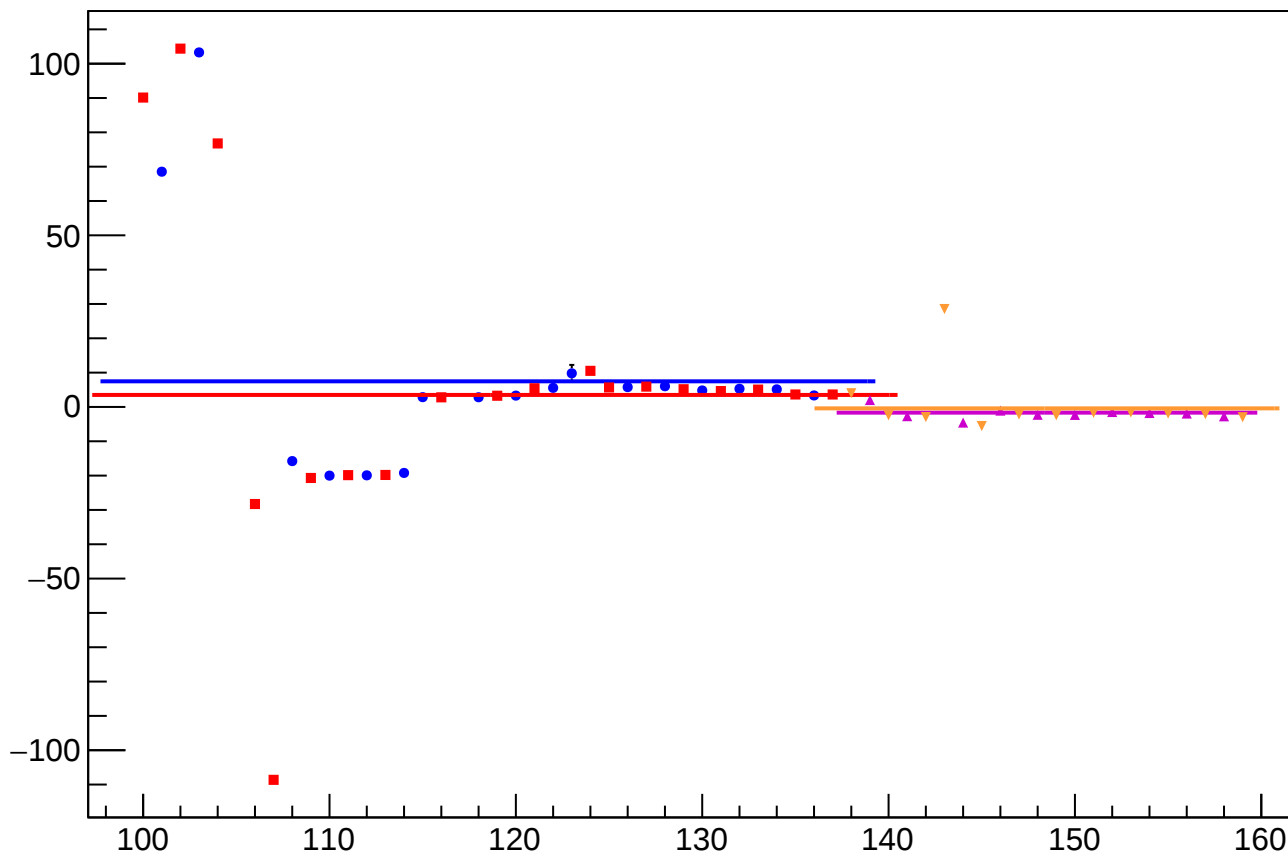
Left In: 1.068 ± 0.531 χ^2/NDF : 15.5/9

+ sign 1.650 ± 0.417 χ^2/NDF : 104.1/28

All: 1.245 ± 0.300 χ^2/NDF : 178.3/57

- sign 0.808 ± 0.433 χ^2/NDF : 72.2/28

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: -0.408 $\pm$ 0.024 χ^2 /NDF: 83083.4/11

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

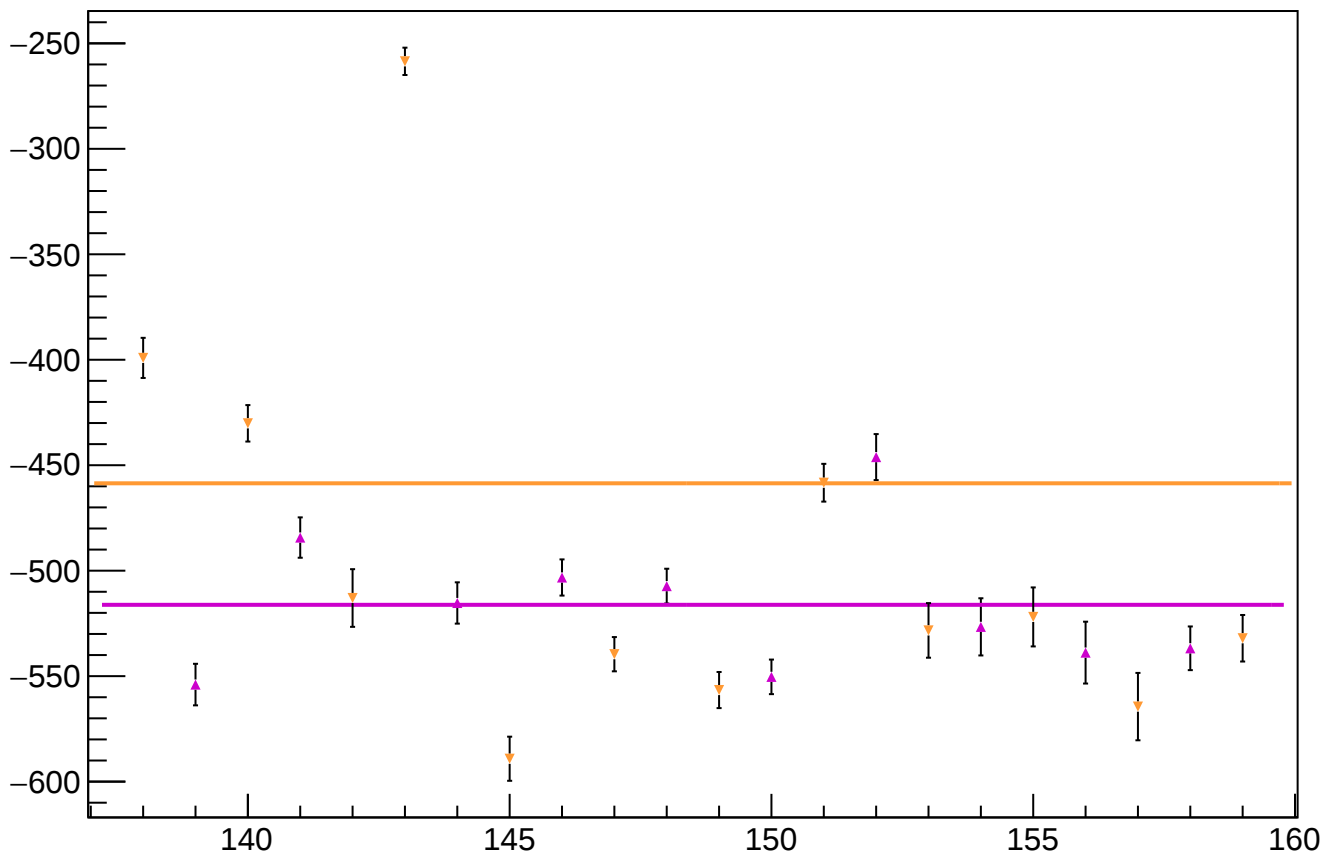
Left In: -1.660 $\pm$ 0.024 χ^2 /NDF: 4417.8/9

+ sign 1.324 $\pm$ 0.021 χ^2 /NDF: 463436.2/28

All: 0.434 $\pm$ 0.015 χ^2 /NDF: 992156.3/57

- sign -0.511 $\pm$ 0.021 χ^2 /NDF: 524965.5/28

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -458.575+/-2.803 χ^2/NDF :1544.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

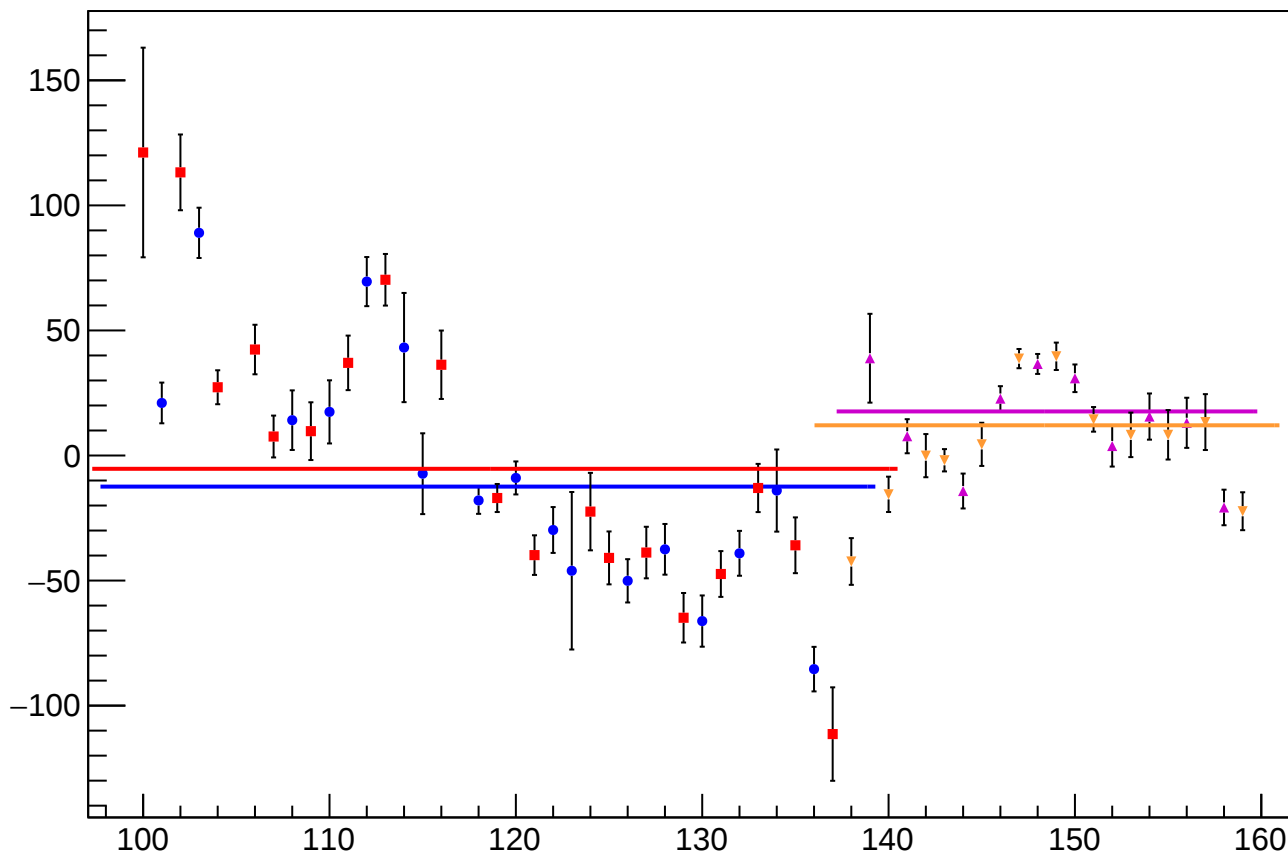
Left In: -516.185+/-3.120 χ^2/NDF :94.8/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -484.303+/-2.085 χ^2/NDF : 1827.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 12.078 ± 1.829 χ^2/NDF : 156.4/11

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

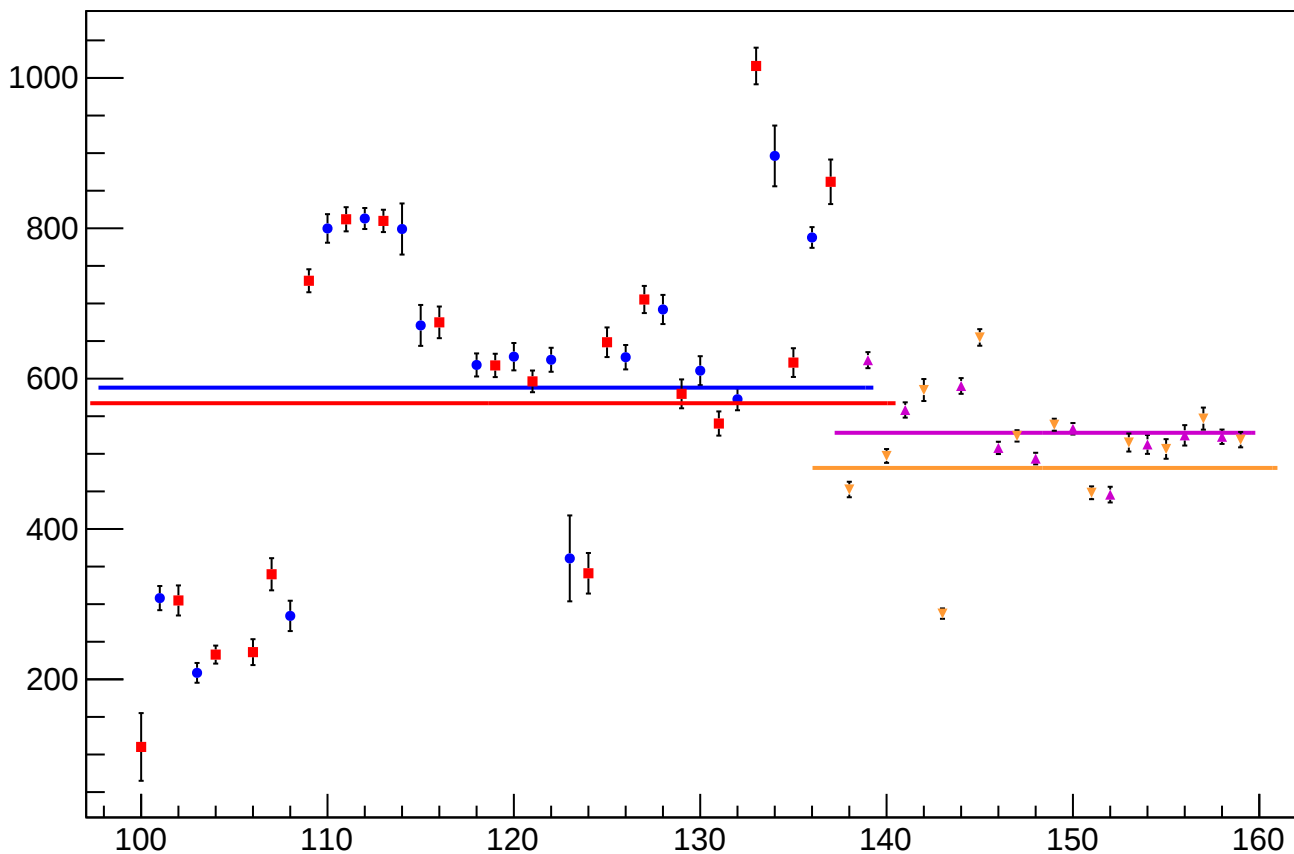
Left In: 17.621 ± 2.052 χ^2/NDF : 86.1/9

+ sign 2.662 ± 1.435 χ^2/NDF : 565.6/28

All: 4.827 ± 1.043 χ^2/NDF : 1055.8/57

- sign 7.254 ± 1.519 χ^2/NDF : 485.3/28

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.034 ± 4.329 χ^2/NDF : 2127.7/16

Left Out: 481.224 ± 2.786 χ^2/NDF : 1239.5/11

Right Out: 567.313 ± 4.133 χ^2/NDF : 2784.3/18

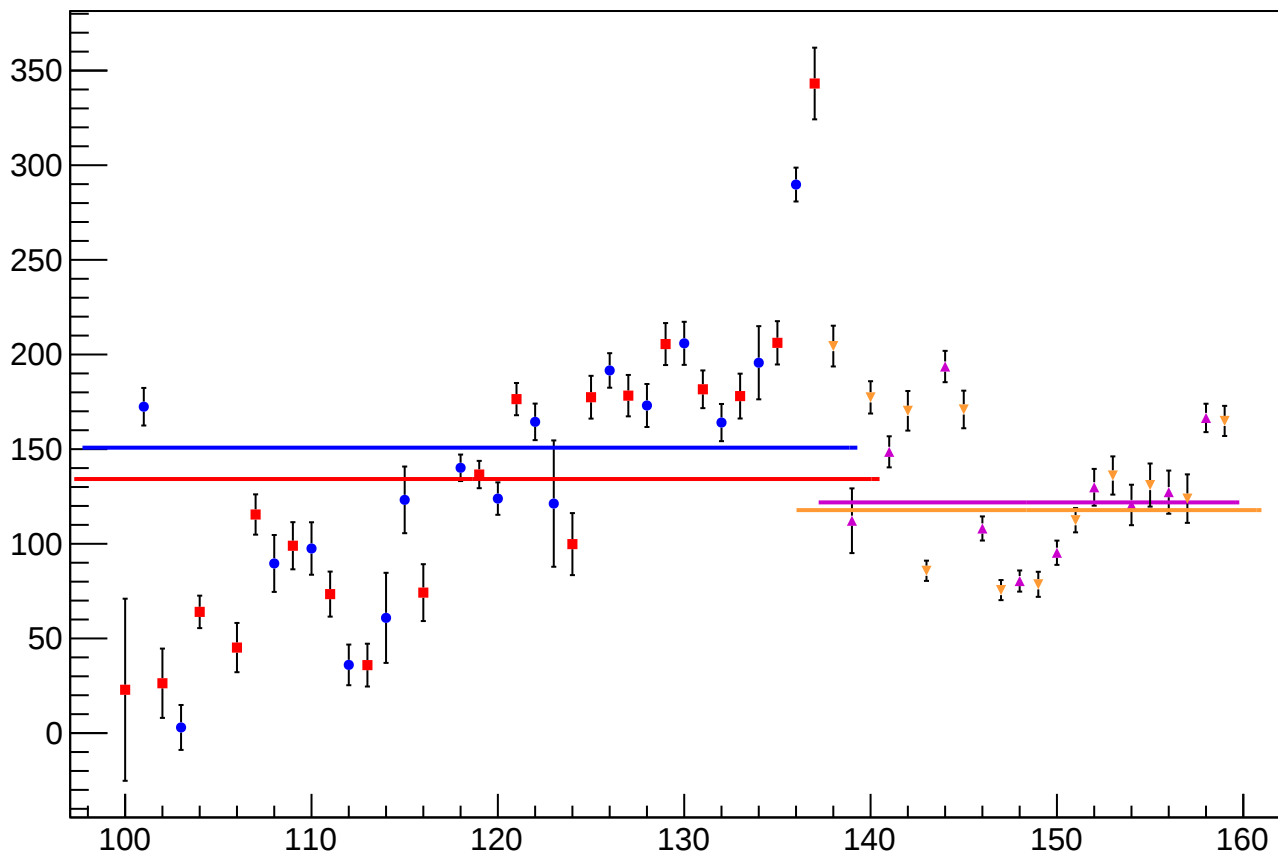
Left In: 527.969 ± 3.042 χ^2/NDF : 216.5/9

+ sign 512.507 ± 2.343 χ^2/NDF : 3797.7/28

All: 526.495 ± 1.693 χ^2/NDF : 6931.9/57

- sign 541.791 ± 2.450 χ^2/NDF : 3059.6/28

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 117.796 $\pm$ 2.244 χ^2 /NDF: 342.2/11

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

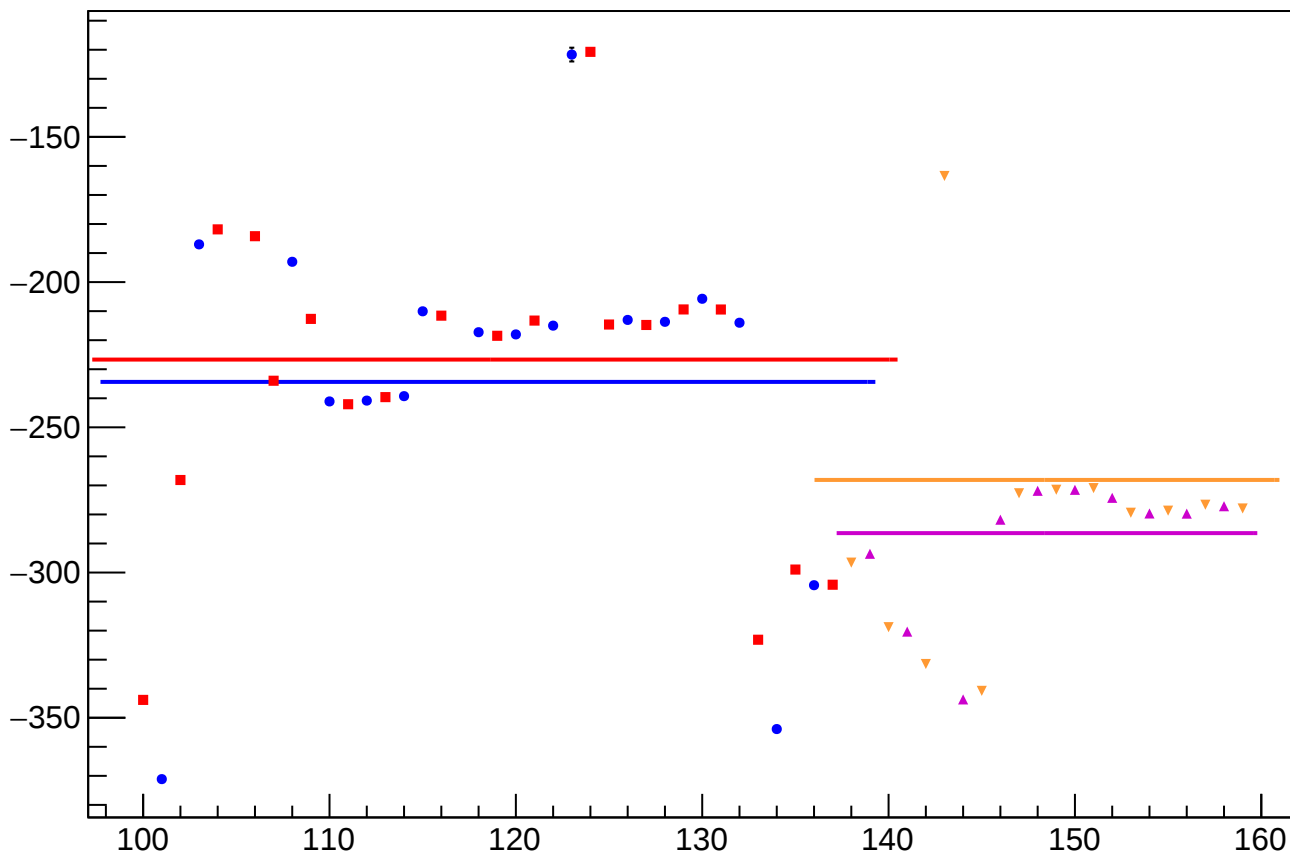
Left In: 121.875 $\pm$ 2.510 χ^2 /NDF: 199.8/9

+ sign 131.393 $\pm$ 1.720 χ^2 /NDF: 1064.4/28

All: 129.685 $\pm$ 1.247 χ^2 /NDF: 1859.5/57

- sign 127.792 $\pm$ 1.811 χ^2 /NDF: 793.0/28

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -268.114+/-0.113 χ^2/NDF : 204316.2/11

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

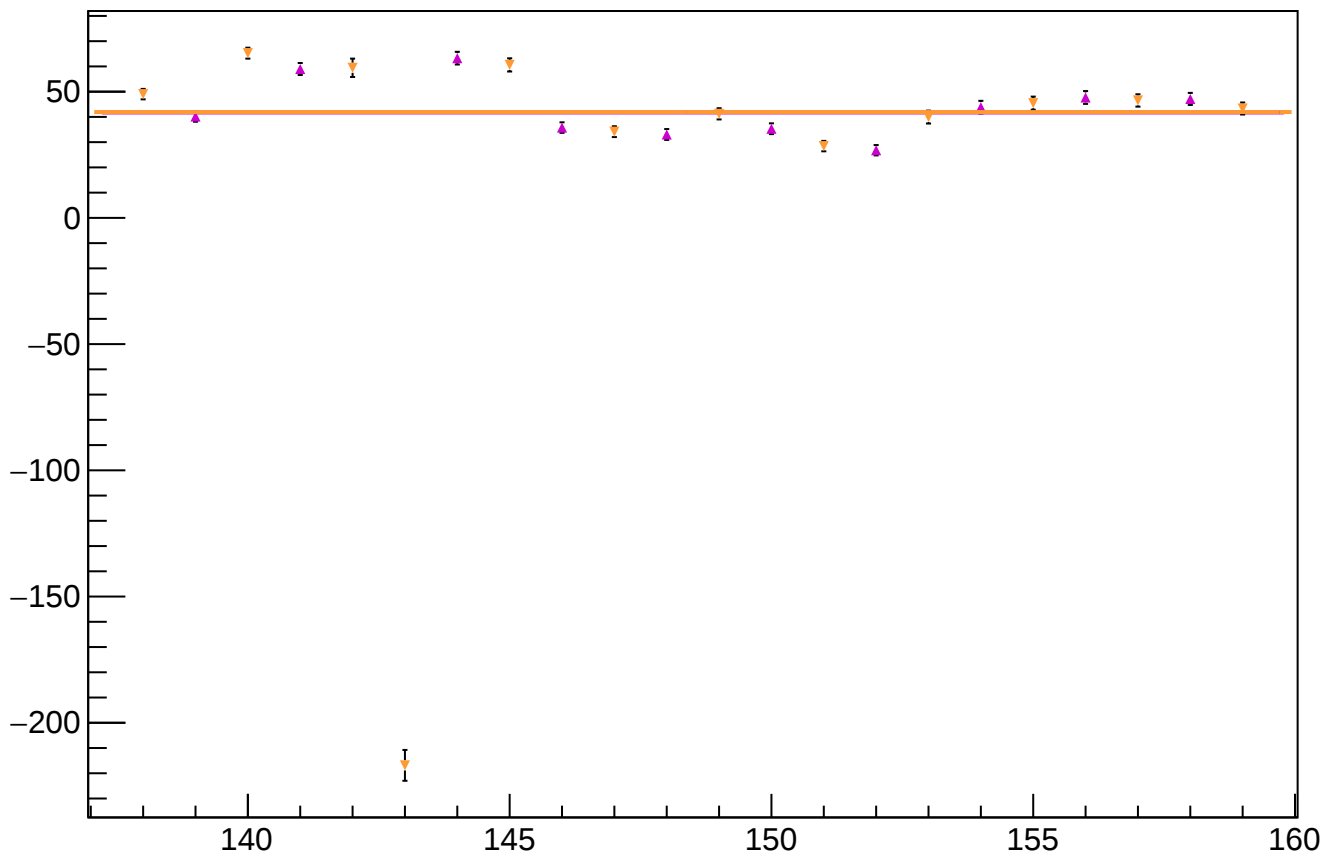
Left In: -286.427+/-0.122 χ^2/NDF : 28973.6/9

+ sign -255.740+/-0.090 χ^2/NDF : 382208.7/28

All: -258.293+/-0.064 χ^2/NDF : 615053.5/57

- sign -260.978+/-0.092 χ^2/NDF : 231190.0/28

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 41.917+/-0.708 χ^2/NDF :2057.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

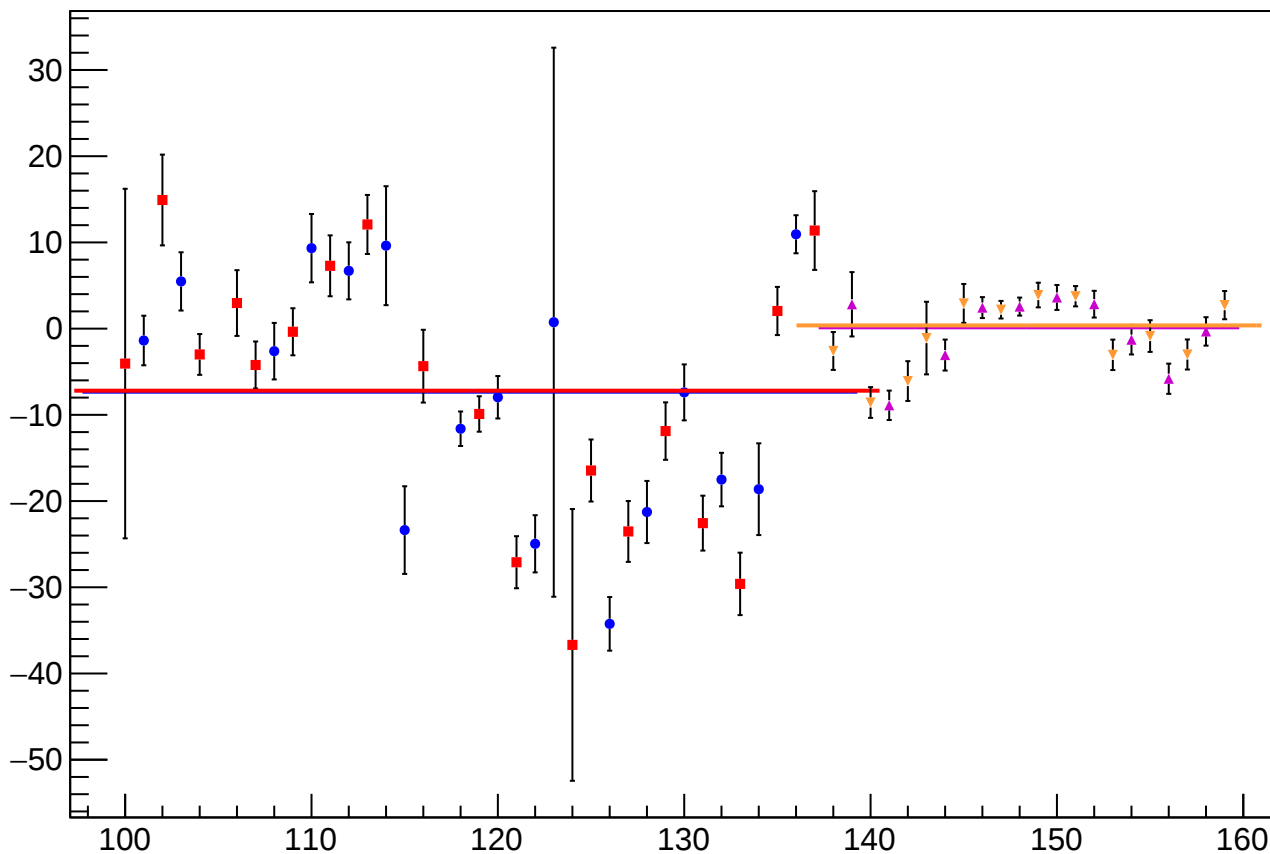
Left In: 41.767+/-0.714 χ^2/NDF :224.6/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.843+/-0.503 χ^2/NDF : 2281.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: 0.374 ± 0.474 χ^2/NDF : 63.7/11

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

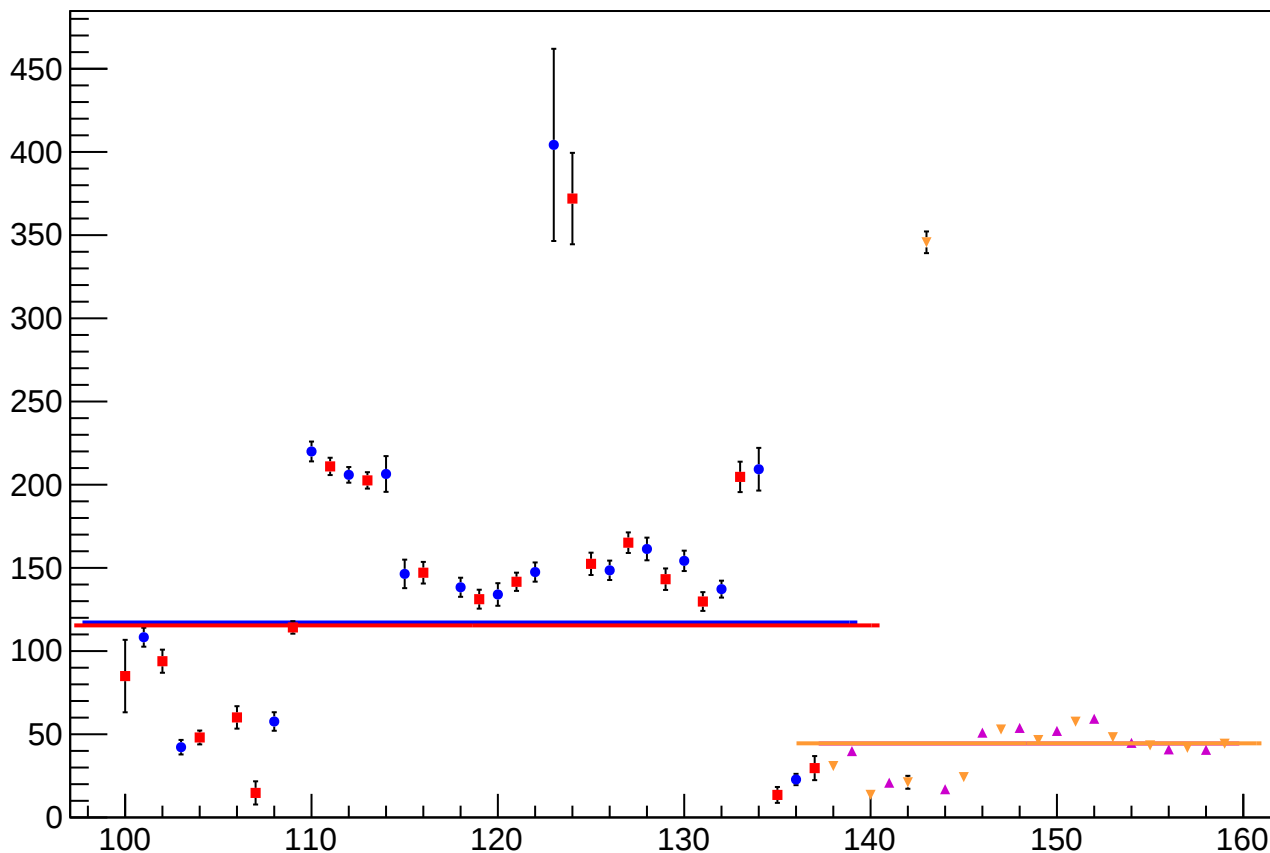
Left In: 0.153 ± 0.485 χ^2/NDF : 61.8/9

+ sign -1.698 ± 0.405 χ^2/NDF : 413.7/28

All: -1.833 ± 0.288 χ^2/NDF : 794.1/57

- sign -1.971 ± 0.409 χ^2/NDF : 380.2/28

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.551+/-0.691 χ^2/NDF : 2508.8/11

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

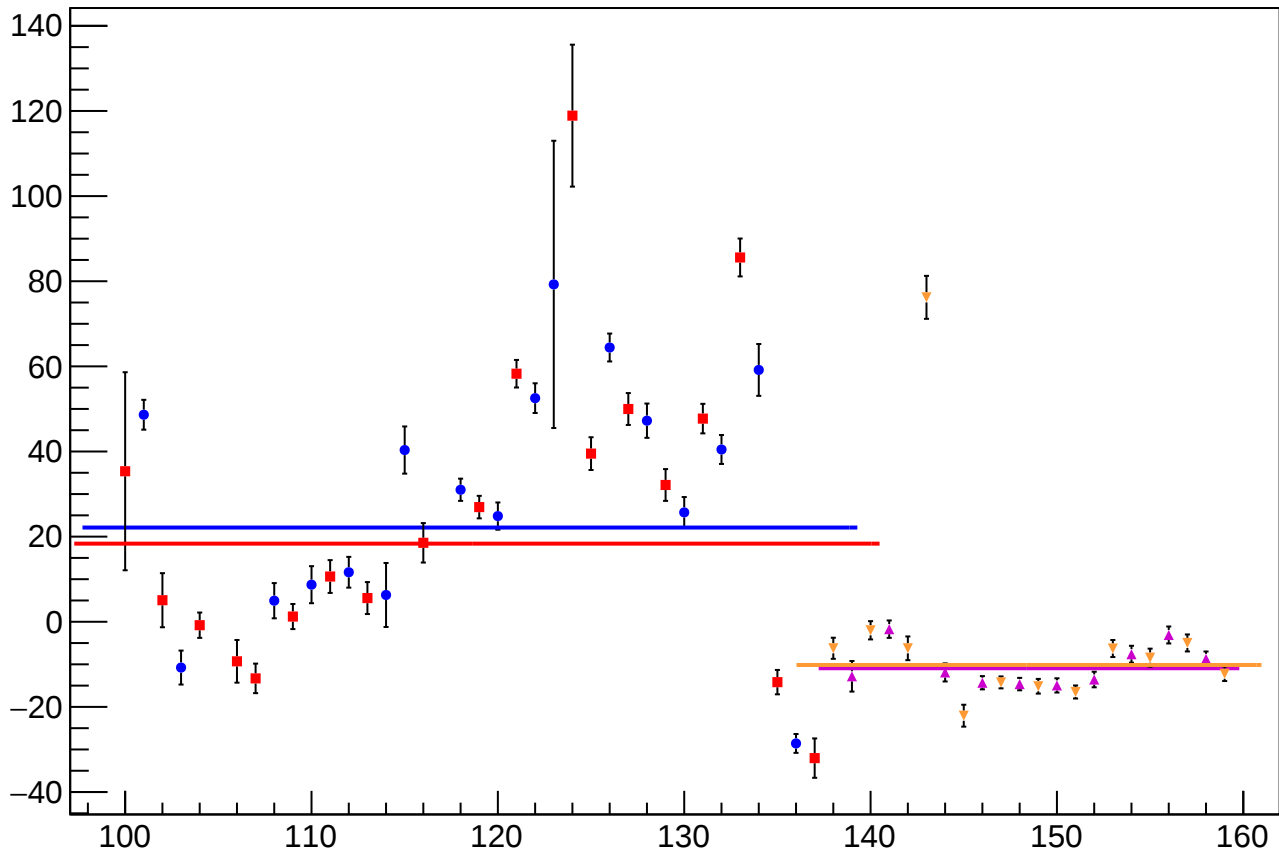
Left In: 44.442+/-0.695 χ^2/NDF : 304.7/9

+ sign 58.587+/-0.620 χ^2/NDF : 6804.6/28

All: 58.854+/-0.438 χ^2/NDF : 11420.8/57

- sign 59.121+/-0.619 χ^2/NDF : 4615.9/28

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -10.150 $\pm$ 0.575 χ^2 /NDF: 379.7/11

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

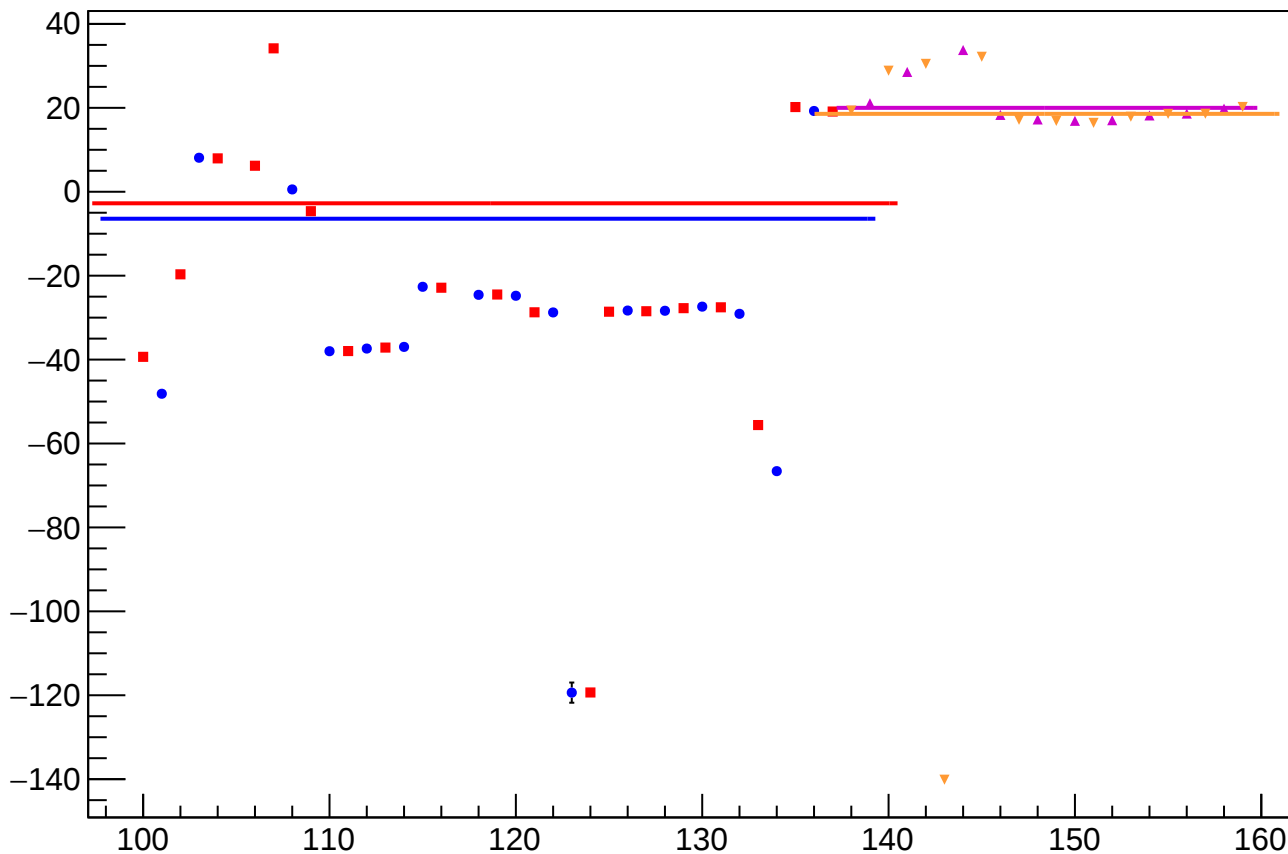
Left In: -10.921 $\pm$ 0.586 χ^2 /NDF: 59.5/9

+ sign -0.671 $\pm$ 0.483 χ^2 /NDF: 2371.0/28

All: -1.232 $\pm$ 0.343 χ^2 /NDF: 4281.3/57

- sign -1.801 $\pm$ 0.486 χ^2 /NDF: 1907.5/28

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.428 $\pm$ 0.046 χ^2 /NDF: 265170.6/16

Left Out: 18.568 $\pm$ 0.027 χ^2 /NDF: 400110.5/11

Right Out: -2.752 $\pm$ 0.046 χ^2 /NDF: 266290.0/18

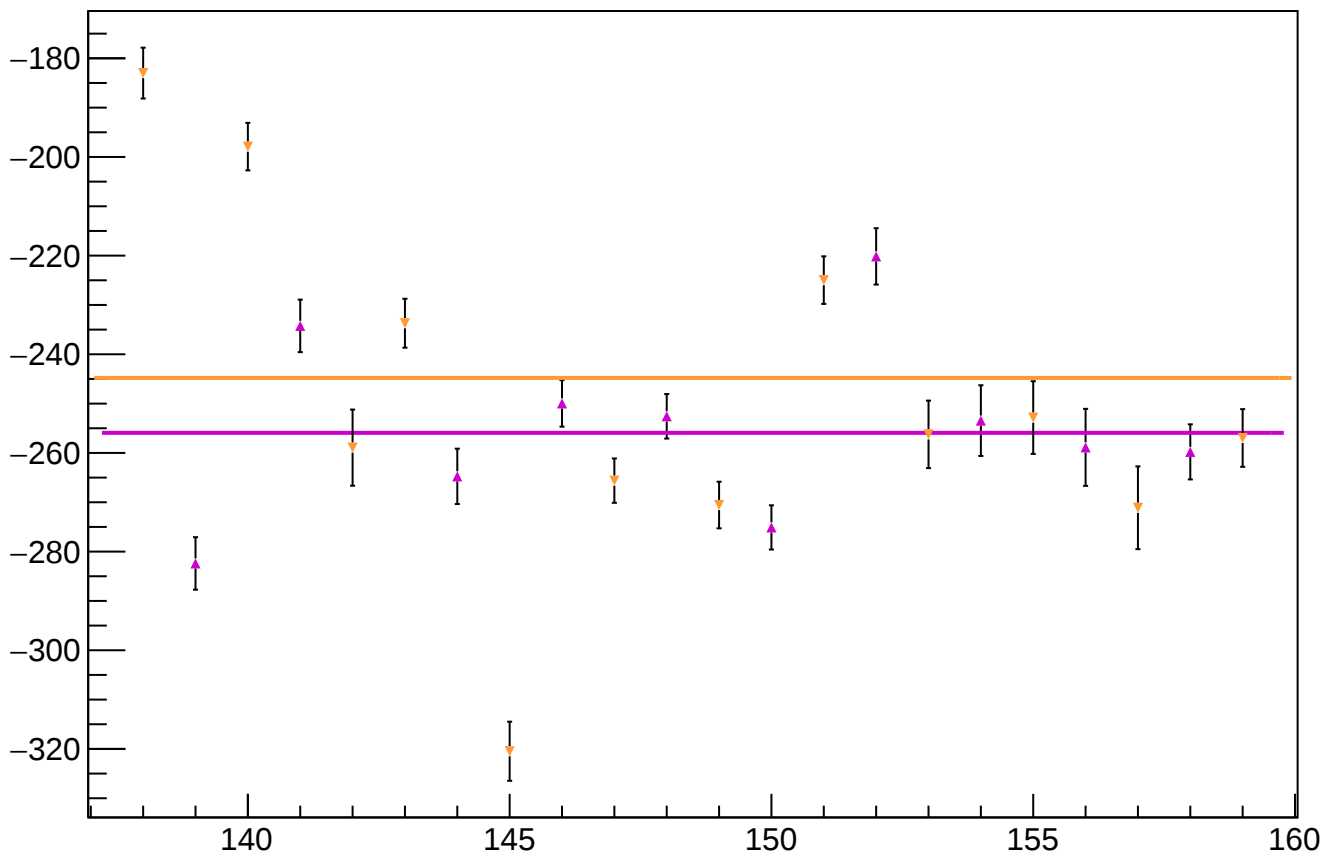
Left In: 19.998 $\pm$ 0.027 χ^2 /NDF: 25860.1/9

+ sign 12.169 $\pm$ 0.023 χ^2 /NDF: 882936.9/28

All: 13.115 $\pm$ 0.017 χ^2 /NDF: 1361636.5/57

- sign 14.058 $\pm$ 0.023 χ^2 /NDF: 475429.4/28

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -244.793+/-1.608 χ^2/NDF : 492.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

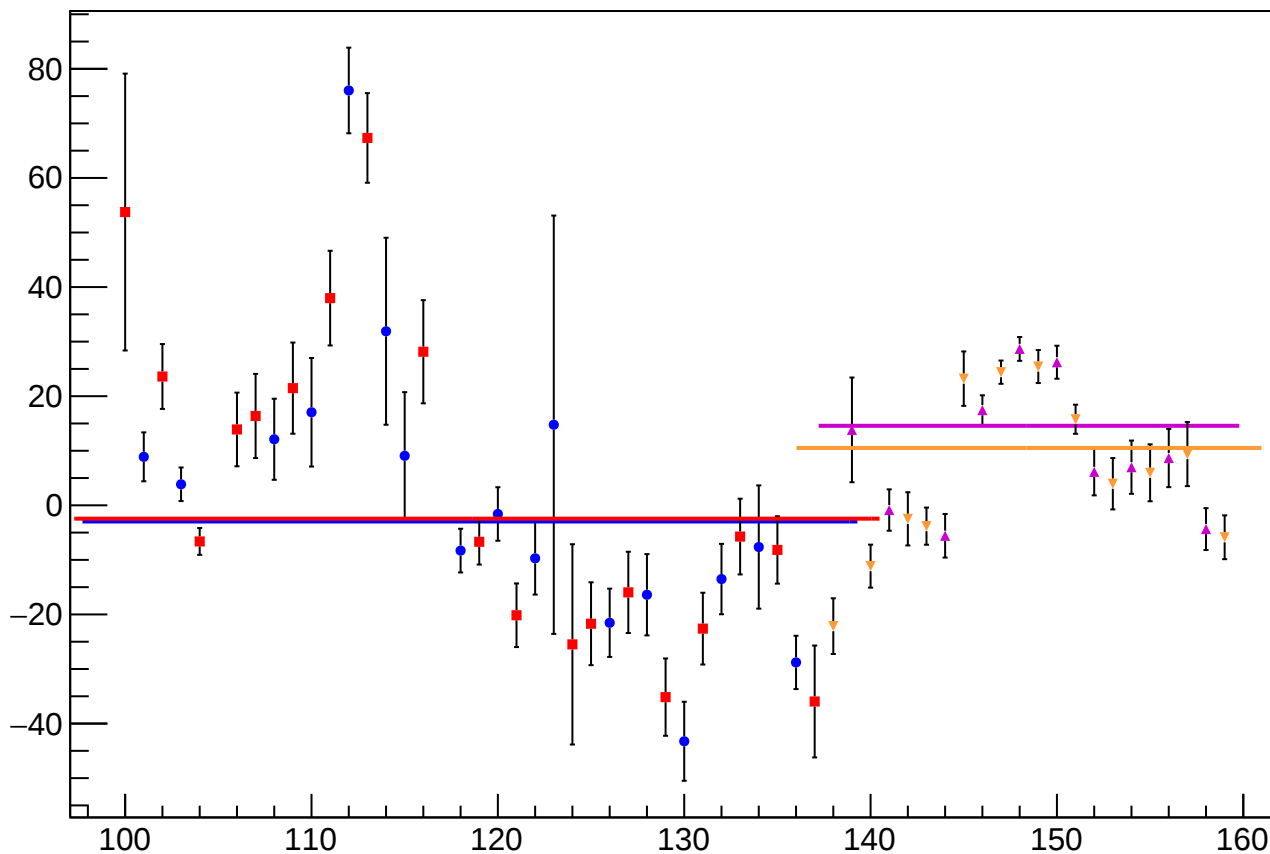
Left In: -255.925+/-1.703 χ^2/NDF : 104.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.040+/-1.169 χ^2/NDF : 619.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 10.513 ± 1.046 $\chi^2/\text{NDF}: 192.5/11$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

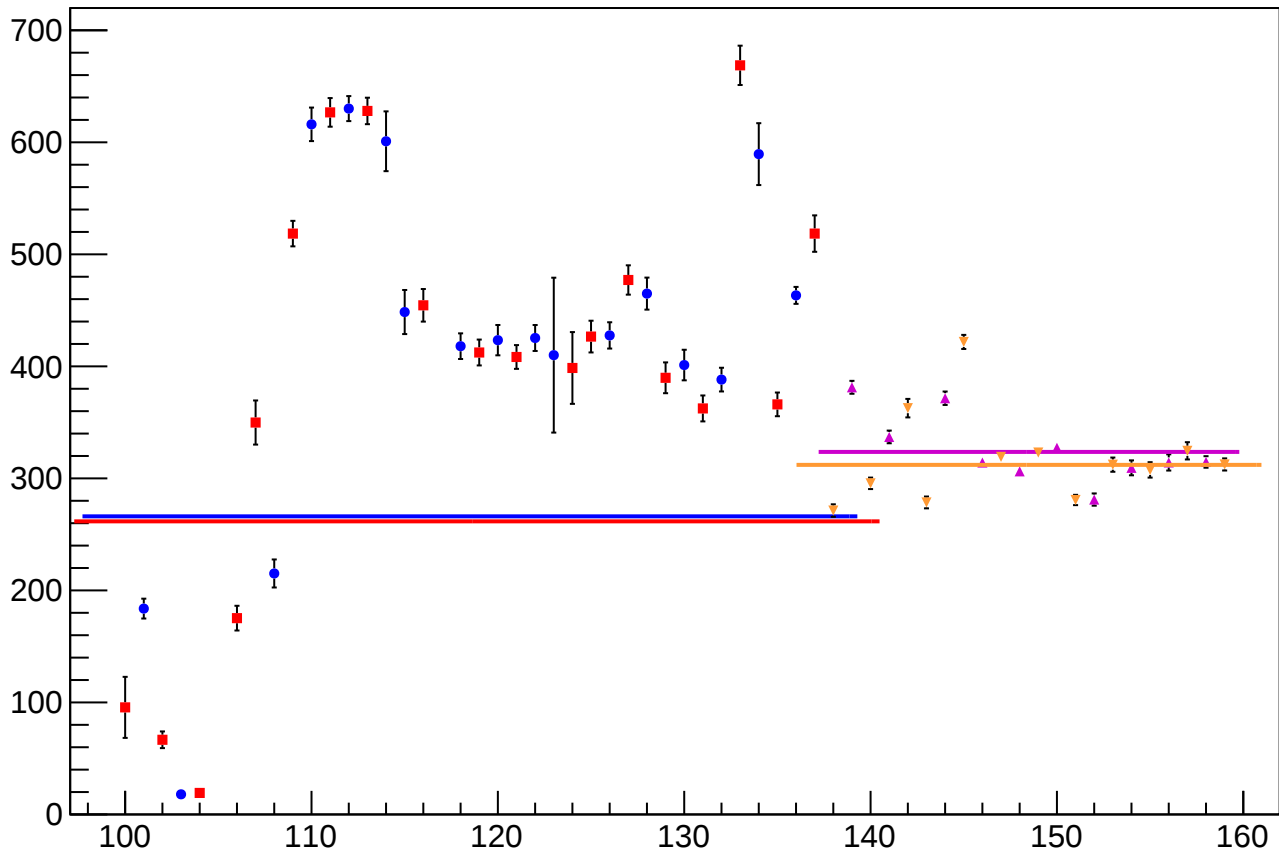
Left In: 14.575 ± 1.121 $\chi^2/\text{NDF}: 131.4/9$

+ sign 5.912 ± 0.849 $\chi^2/\text{NDF}: 452.8/28$

All: 6.880 ± 0.609 $\chi^2/\text{NDF}: 892.6/57$

- sign 7.908 ± 0.874 $\chi^2/\text{NDF}: 437.1/28$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.111 $\pm$ 2.480 χ^2/NDF : 7644.0/16

Left Out: 312.062 $\pm$ 1.585 χ^2/NDF :504.2/11

Right Out: 261.642 $\pm$ 2.457 χ^2/NDF : 8209.5/18

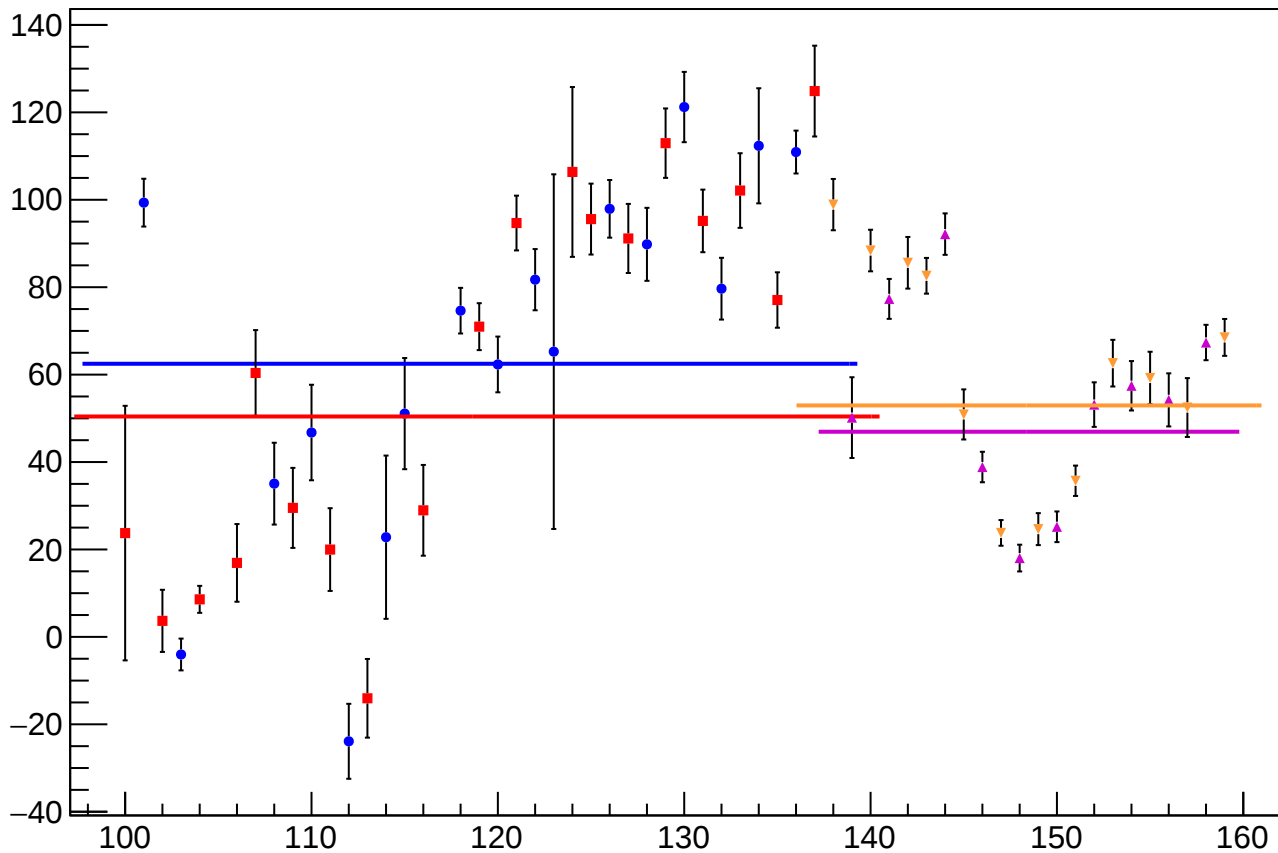
Left In: 323.629 $\pm$ 1.658 χ^2/NDF :261.2/9

+ sign 298.734 $\pm$ 1.336 χ^2/NDF : 8392.0/28

All: 301.405 $\pm$ 0.958 χ^2/NDF : 17308.3/57

- sign 304.232 $\pm$ 1.374 χ^2/NDF : 8908.1/28

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 52.952 $\pm$ 1.284 χ^2 /NDF: 401.2/11

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

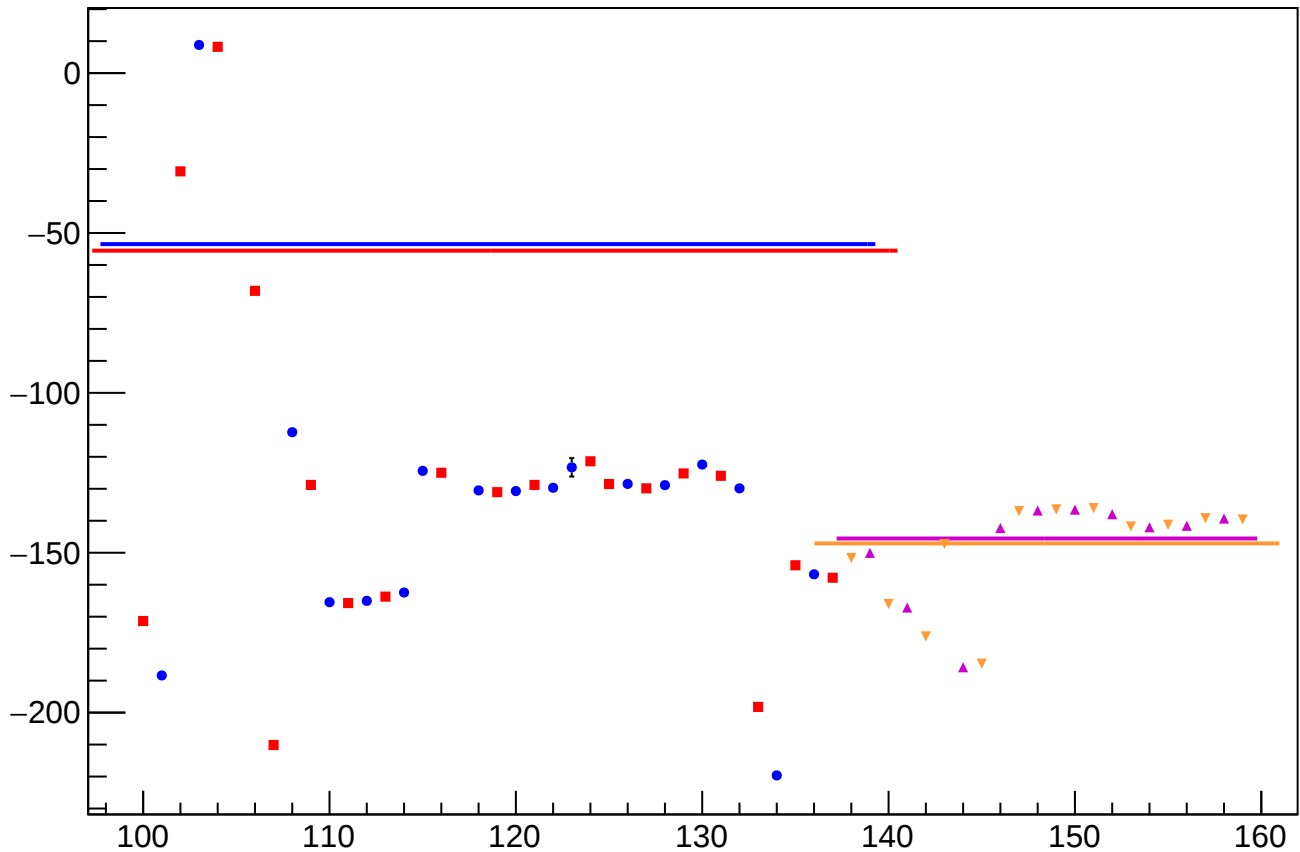
Left In: 46.934 $\pm$ 1.370 χ^2 /NDF: 300.2/9

+ sign 56.464 $\pm$ 1.020 χ^2 /NDF: 1142.2/28

All: 52.539 $\pm$ 0.732 χ^2 /NDF: 2127.1/57

- sign 48.366 $\pm$ 1.052 χ^2 /NDF: 954.3/28

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -147.091 ± 0.064 $\chi^2/\text{NDF}: 50441.7/11$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

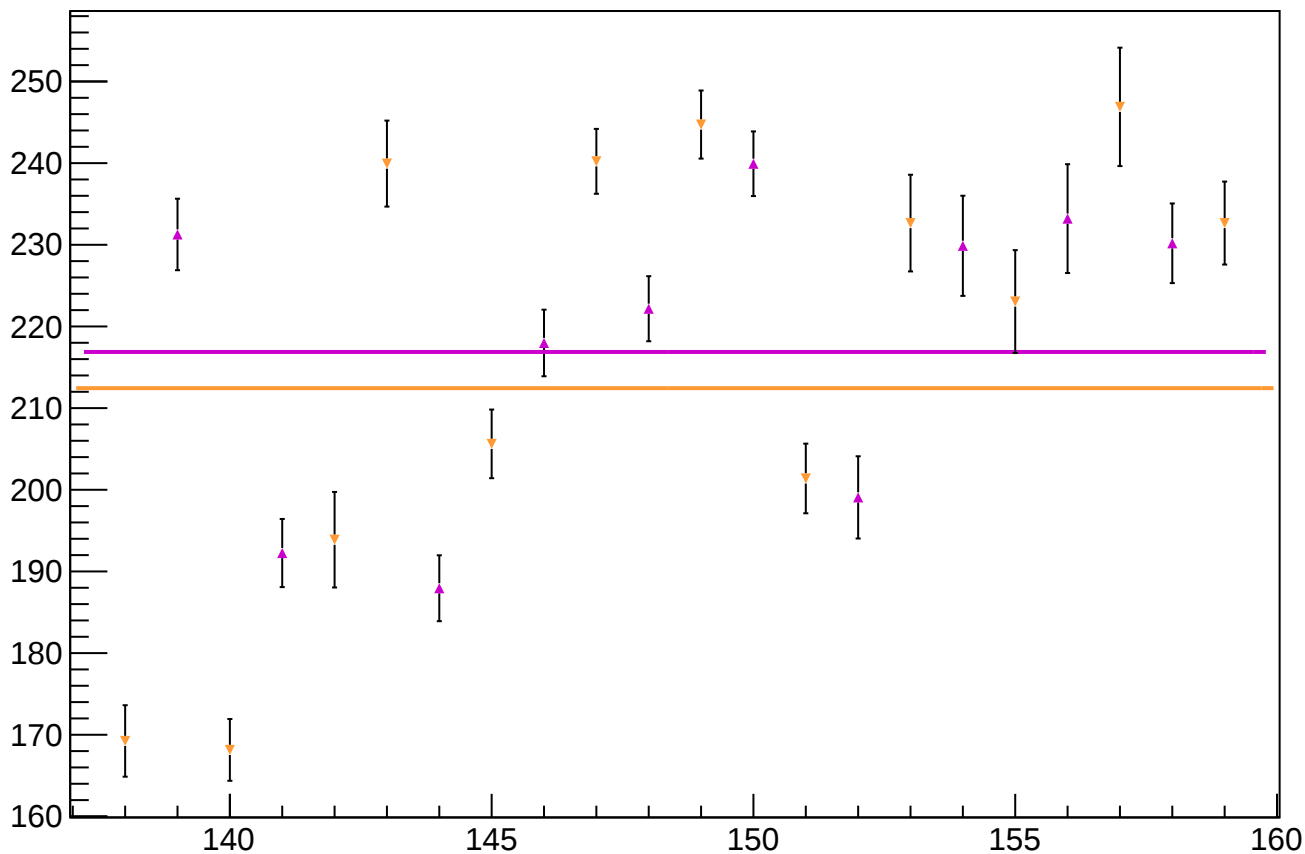
Left In: -145.552 ± 0.066 $\chi^2/\text{NDF}: 40857.8/9$

+ sign -104.612 ± 0.047 $\chi^2/\text{NDF}: 2247415.3/28$

All: -104.455 ± 0.034 $\chi^2/\text{NDF}: 4107551.0/57$

- sign -104.289 ± 0.049 $\chi^2/\text{NDF}: 1860113.0/28$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 212.446+/-1.372 χ^2/NDF : 443.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

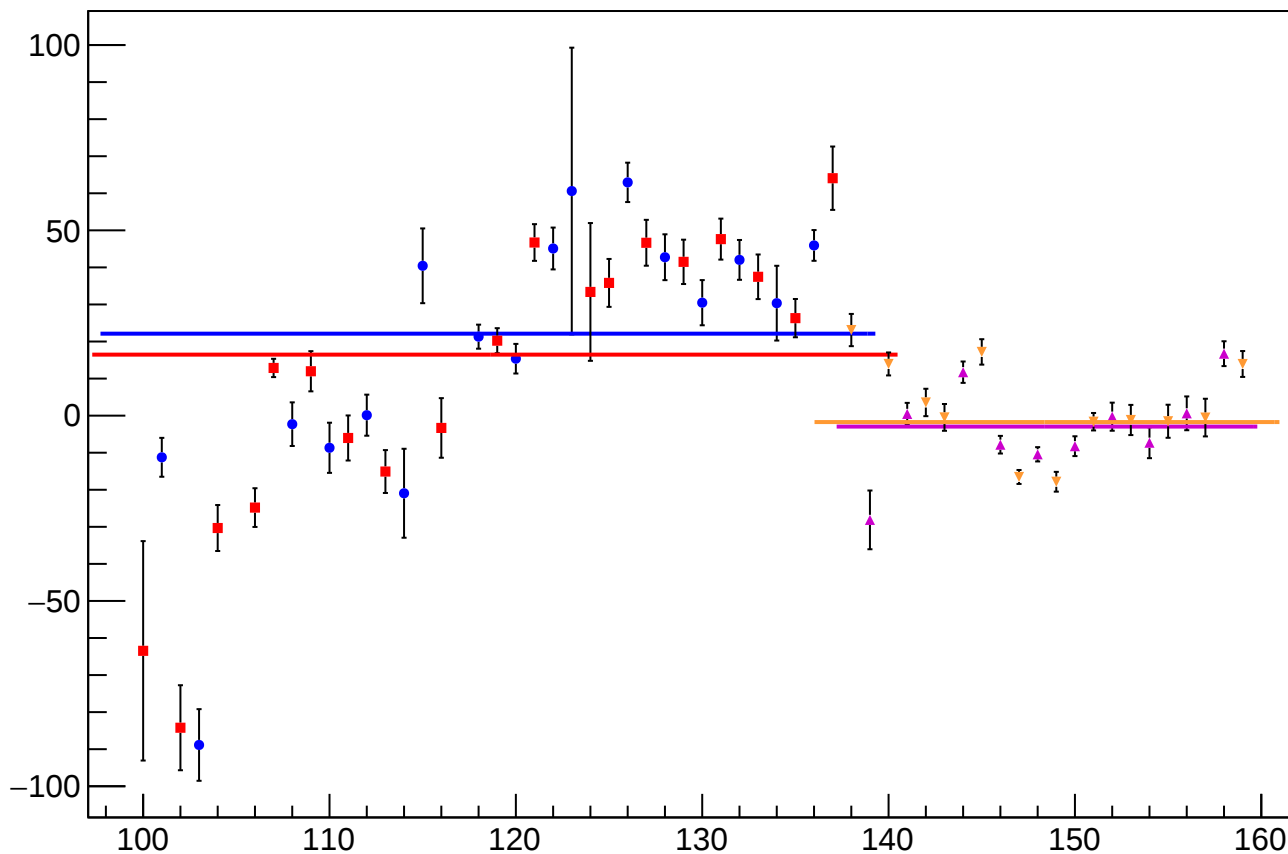
Left In: 216.876+/-1.431 χ^2/NDF : 163.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.568+/-0.990 χ^2/NDF : 611.3/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: -1.731 $\pm$ 0.903 χ^2 /NDF: 209.2/11

Right Out: 16.464 $\pm$ 1.228 χ^2 /NDF: 424.1/18

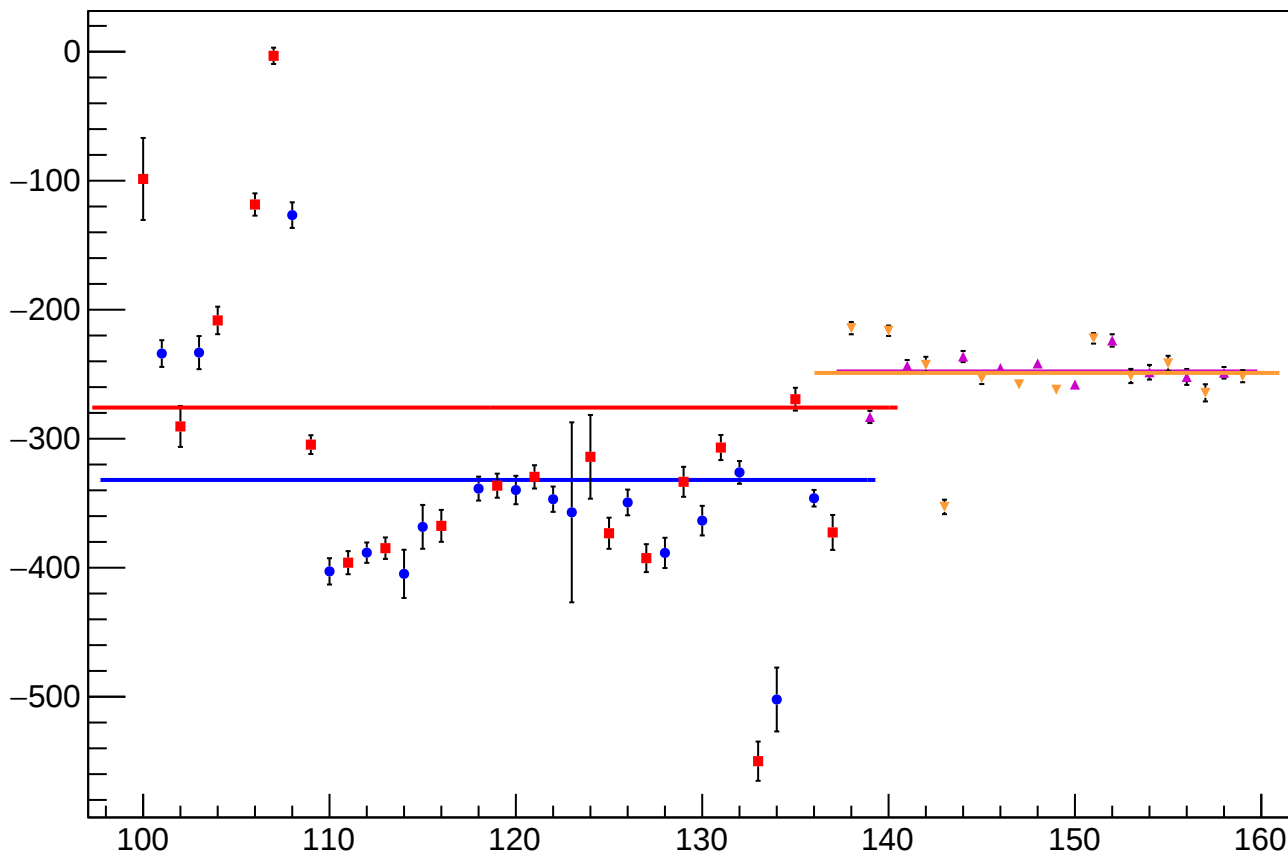
Left In: -2.950 $\pm$ 0.954 χ^2 /NDF: 97.2/9

+ sign 5.450 $\pm$ 0.755 χ^2 /NDF: 801.0/28

All: 4.903 $\pm$ 0.533 χ^2 /NDF: 1479.2/57

- sign 4.358 $\pm$ 0.753 χ^2 /NDF: 677.2/28

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -248.997 ± 1.358 χ^2/NDF : 531.1/11

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

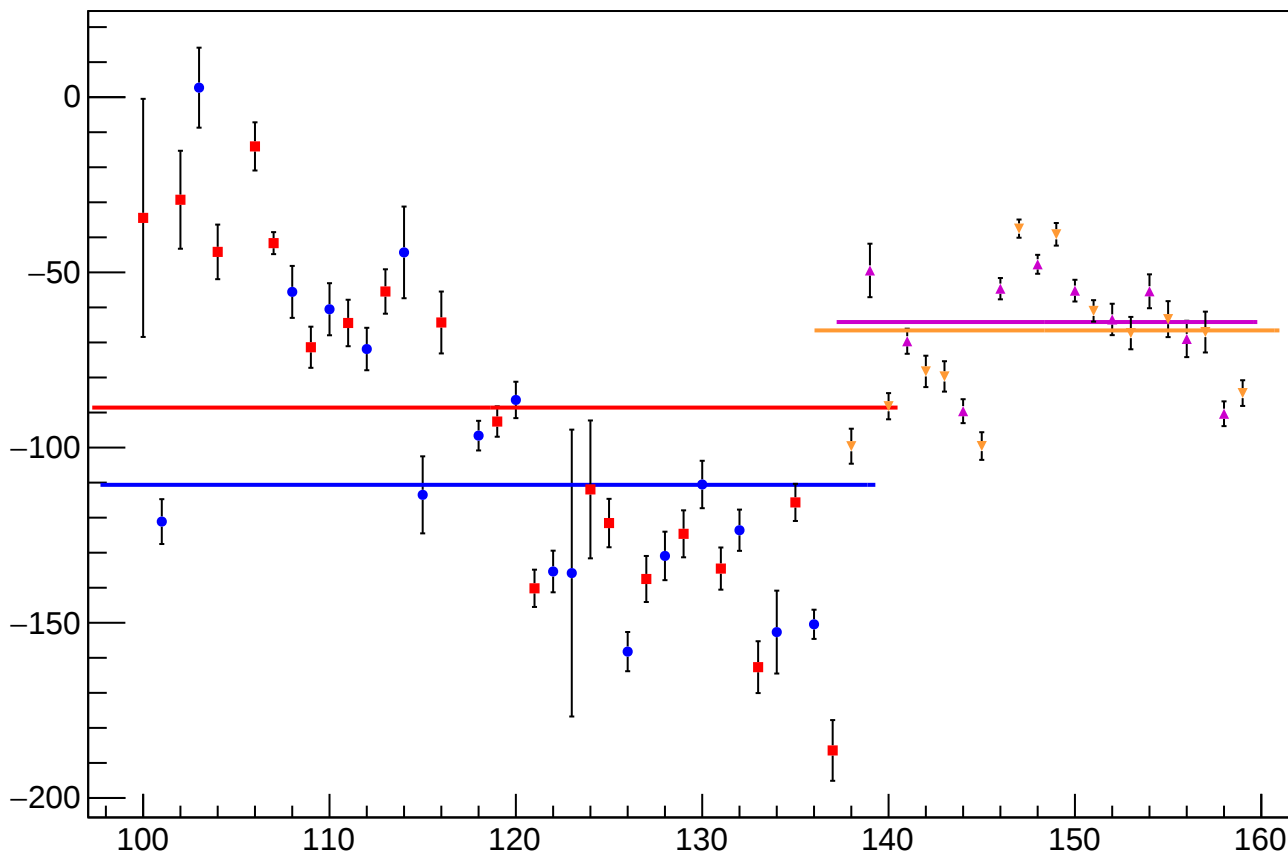
Left In: -247.852 ± 1.402 χ^2/NDF : 99.6/9

+ sign -267.132 ± 1.200 χ^2/NDF : 2132.5/28

All: -261.228 ± 0.849 χ^2/NDF : 5748.7/57

- sign -255.325 ± 1.200 χ^2/NDF : 3567.8/28

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -66.563 ± 1.106 χ^2/NDF : 387.9/11

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

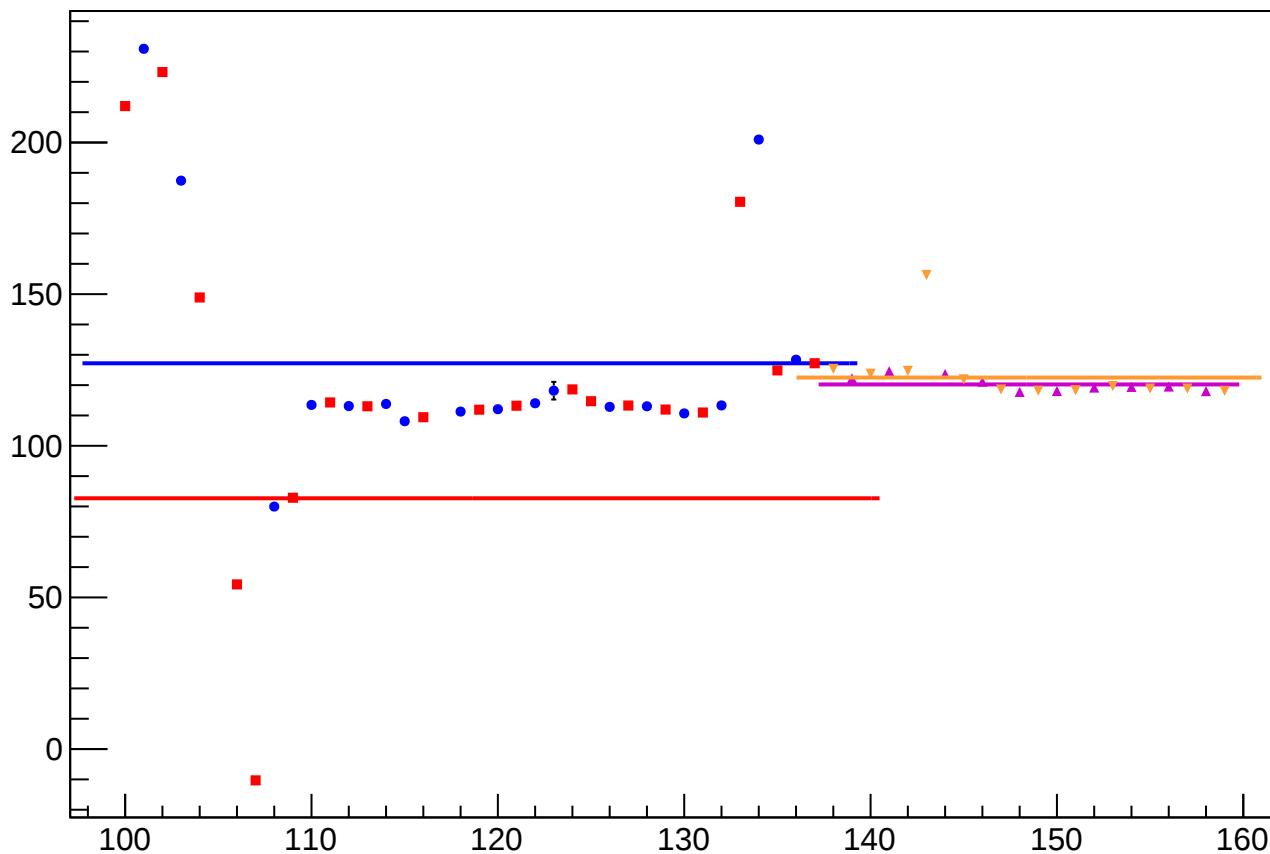
Left In: -64.170 ± 1.162 χ^2/NDF : 175.9/9

+ sign -81.038 ± 0.906 χ^2/NDF : 1418.5/28

All: -77.436 ± 0.640 χ^2/NDF : 2767.4/57

- sign -73.860 ± 0.903 χ^2/NDF : 1317.5/28

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 122.497 $\pm$ 0.055 χ^2 /NDF: 25851.5/11

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

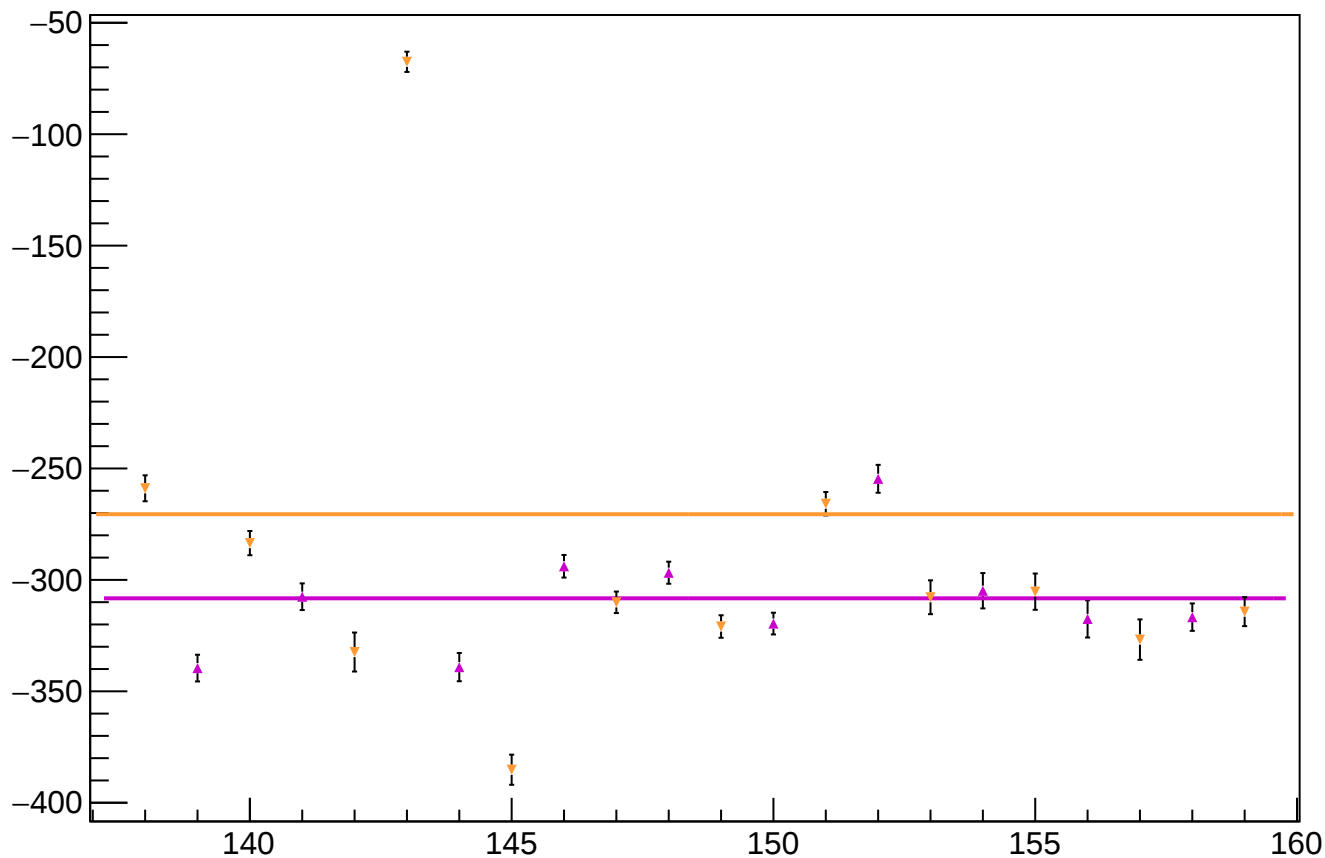
Left In: 120.231 $\pm$ 0.056 χ^2 /NDF: 1769.0/9

+ sign 123.789 $\pm$ 0.047 χ^2 /NDF: 215901.7/28

All: 115.002 $\pm$ 0.032 χ^2 /NDF: 1211754.1/57

- sign 106.871 $\pm$ 0.045 χ^2 /NDF: 927646.7/28

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -270.531+/-1.733 χ^2/NDF : 2631.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

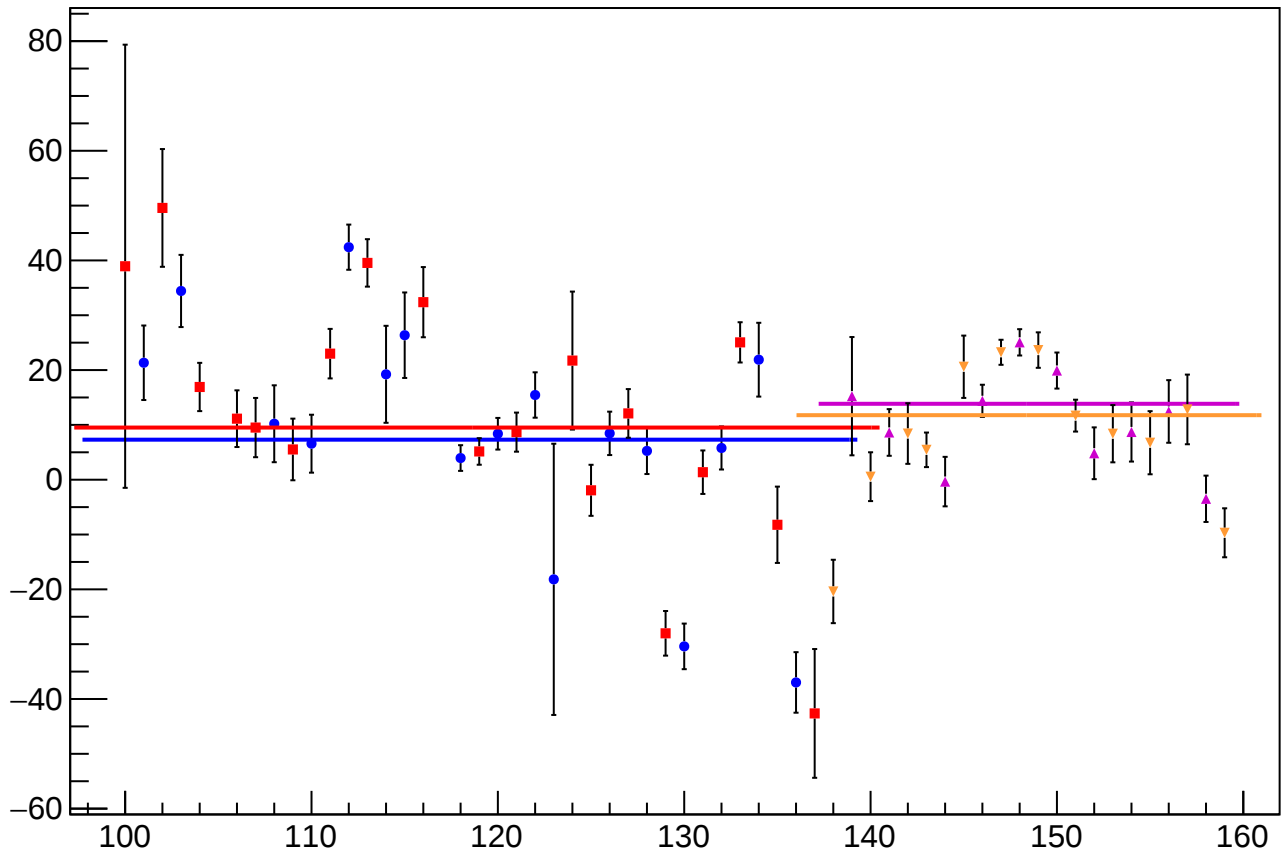
Left In: -308.271+/-1.874 χ^2/NDF : 146.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.923+/-1.272 χ^2/NDF : 2997.0/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 11.771 ± 1.124 χ^2/NDF : 107.0/11

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

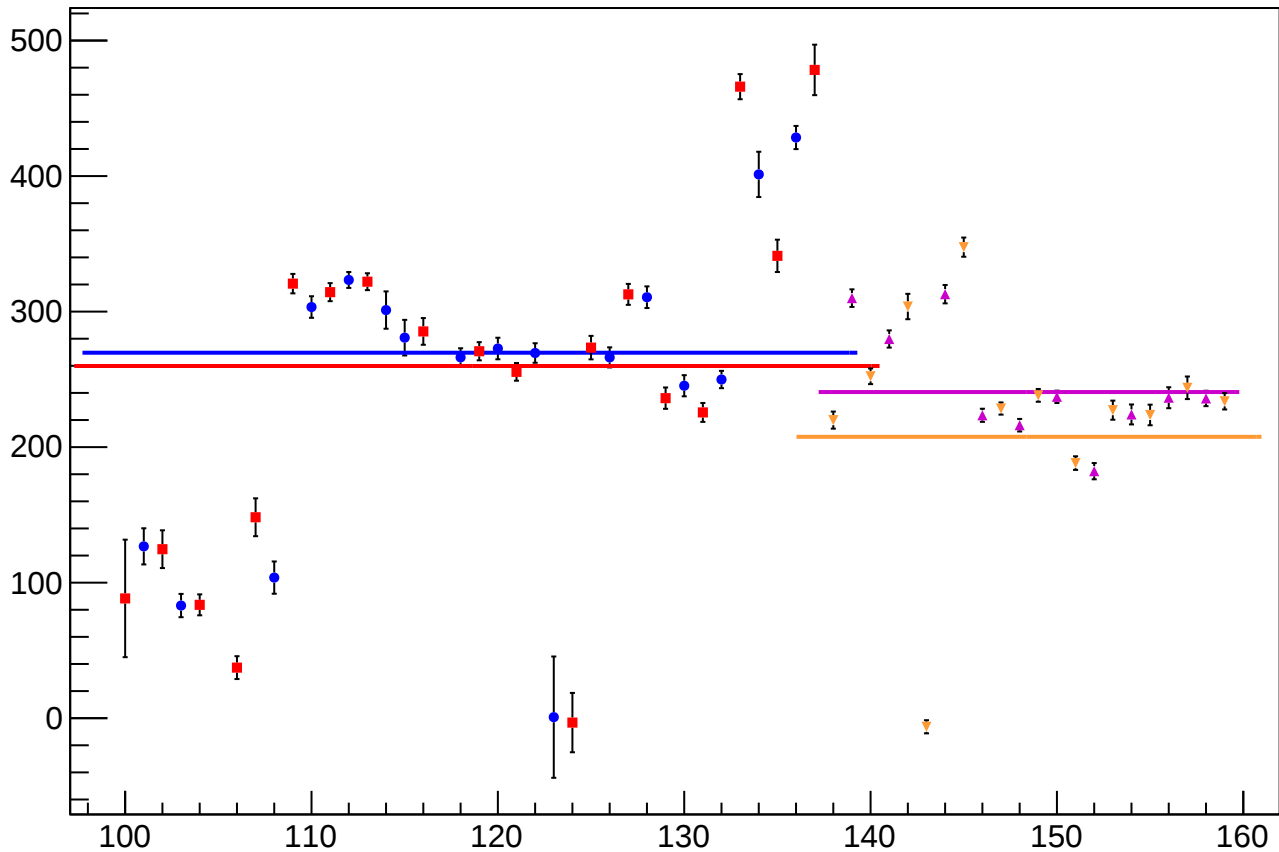
Left In: 13.849 ± 1.230 χ^2/NDF : 58.1/9

+ sign 9.460 ± 0.781 χ^2/NDF : 375.9/28

All: 10.389 ± 0.562 χ^2/NDF : 675.6/57

- sign 11.386 ± 0.809 χ^2/NDF : 296.8/28

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.664 ± 2.076 $\chi^2/\text{NDF}: 1376.6/16$

Left Out: 207.608 ± 1.710 $\chi^2/\text{NDF}: 2631.5/11$

Right Out: 259.869 ± 1.977 $\chi^2/\text{NDF}: 2543.7/18$

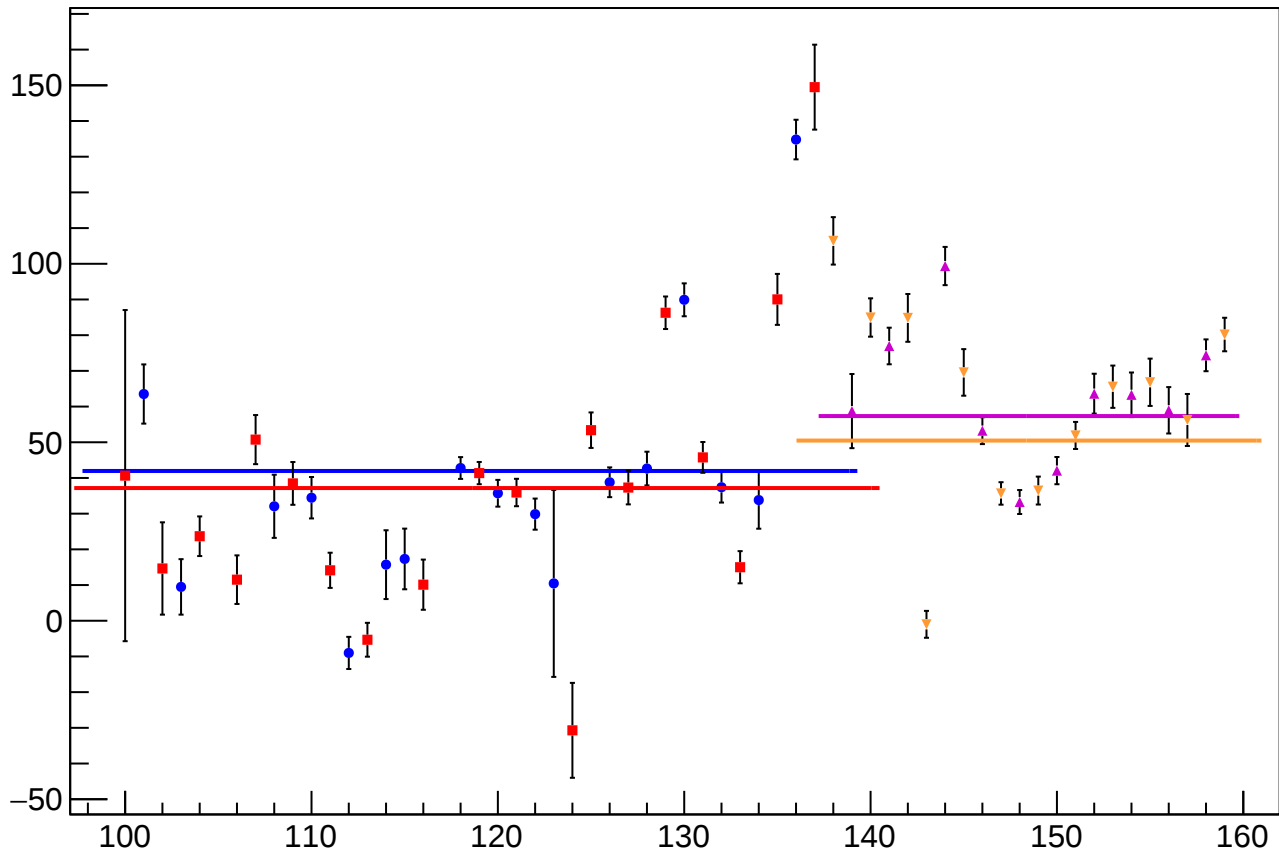
Left In: 240.652 ± 1.821 $\chi^2/\text{NDF}: 407.1/9$

+ sign 232.693 ± 1.320 $\chi^2/\text{NDF}: 4540.4/28$

All: 240.961 ± 0.940 $\chi^2/\text{NDF}: 7621.9/57$

- sign 249.477 ± 1.340 $\chi^2/\text{NDF}: 3001.8/28$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 50.476 $\pm$ 1.380 χ^2 /NDF: 421.9/11

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

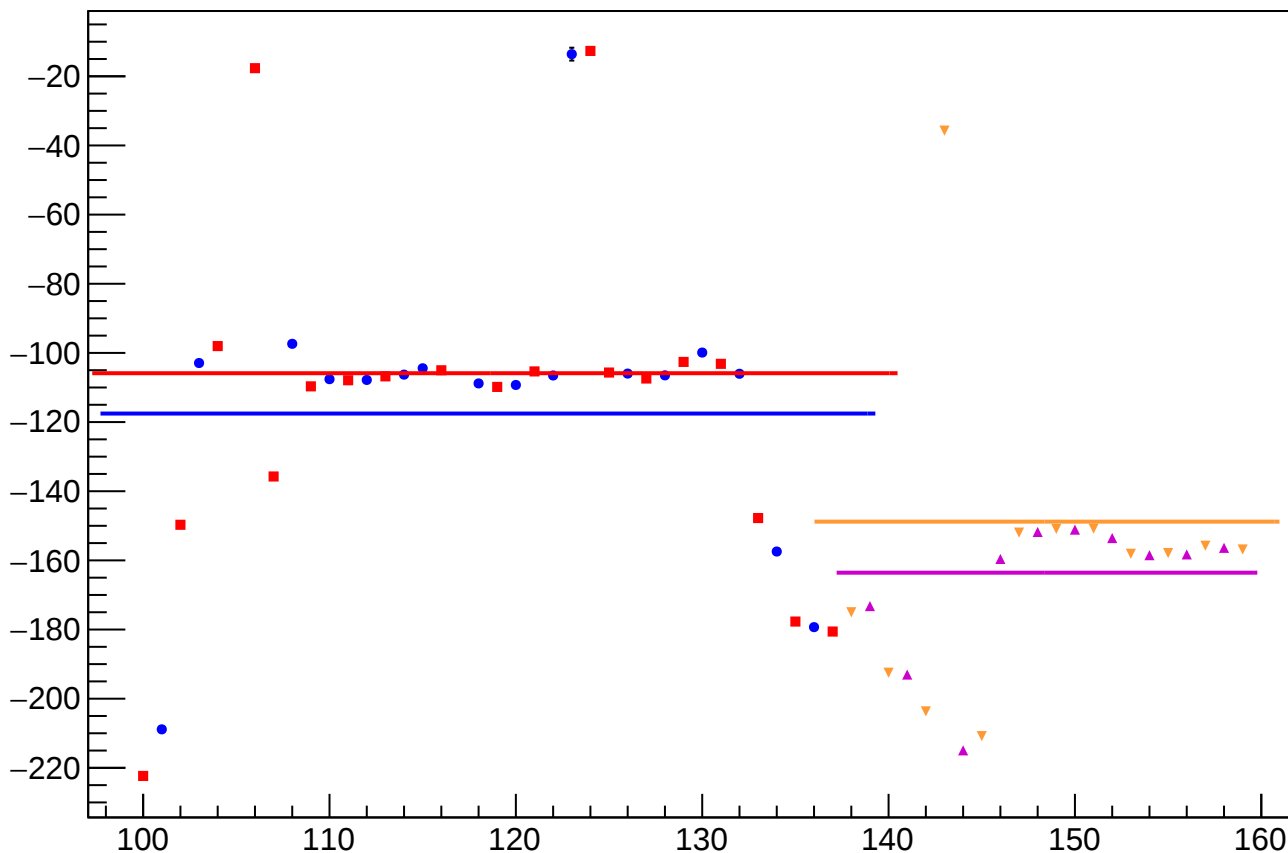
Left In: 57.342 $\pm$ 1.504 χ^2 /NDF: 161.7/9

+ sign 45.825 $\pm$ 0.930 χ^2 /NDF: 1016.9/28

All: 45.569 $\pm$ 0.666 χ^2 /NDF: 1757.0/57

- sign 45.299 $\pm$ 0.955 χ^2 /NDF: 739.9/28

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -148.798 ± 0.069 $\chi^2/\text{NDF}: 452710.3/11$

Right Out: -105.868 ± 0.073 $\chi^2/\text{NDF}: 324319.1/18$

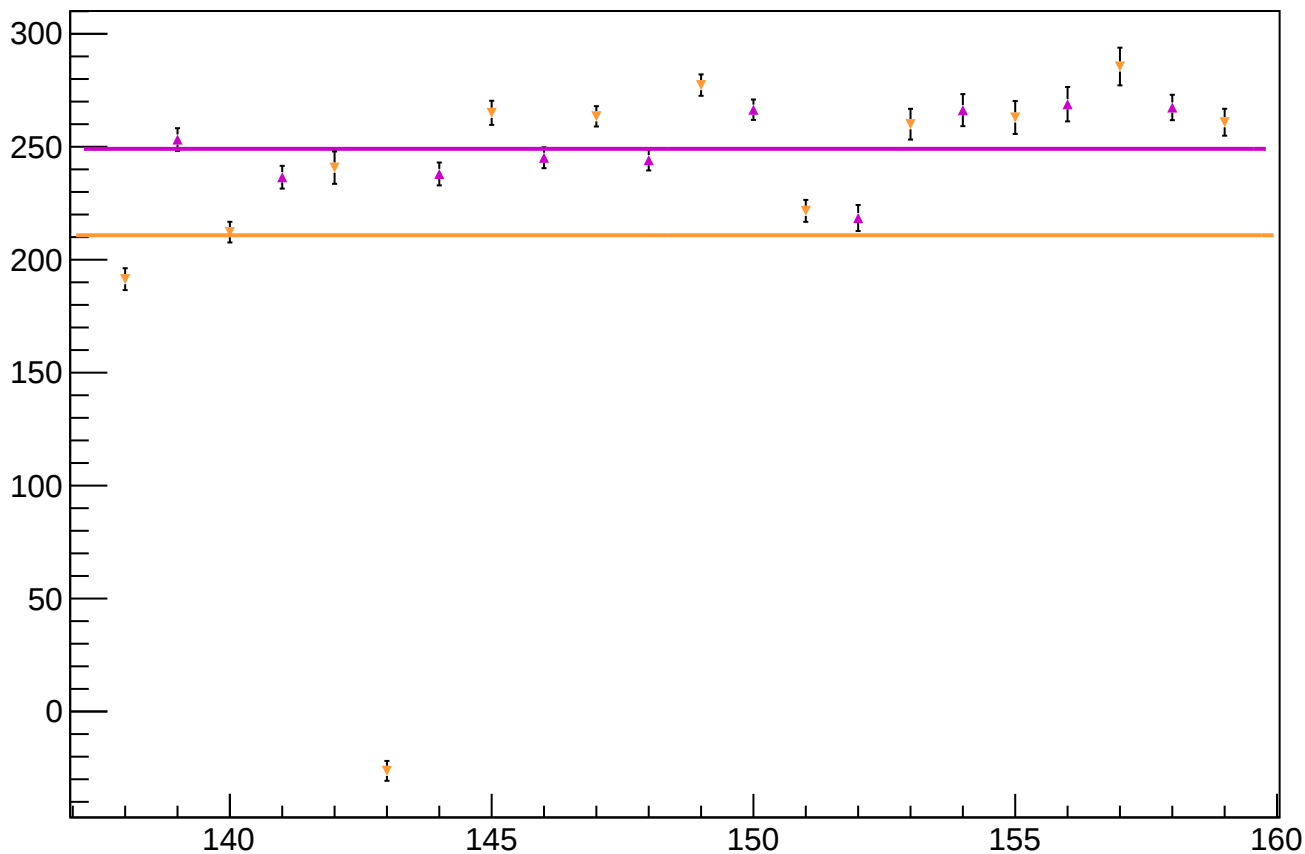
Left In: -163.557 ± 0.073 $\chi^2/\text{NDF}: 56589.5/9$

+ sign -135.055 ± 0.052 $\chi^2/\text{NDF}: 684503.6/28$

All: -134.896 ± 0.036 $\chi^2/\text{NDF}: 1379908.7/57$

- sign -134.739 ± 0.051 $\chi^2/\text{NDF}: 695386.4/28$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 210.832+/-1.550 χ^2/NDF : 3640.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

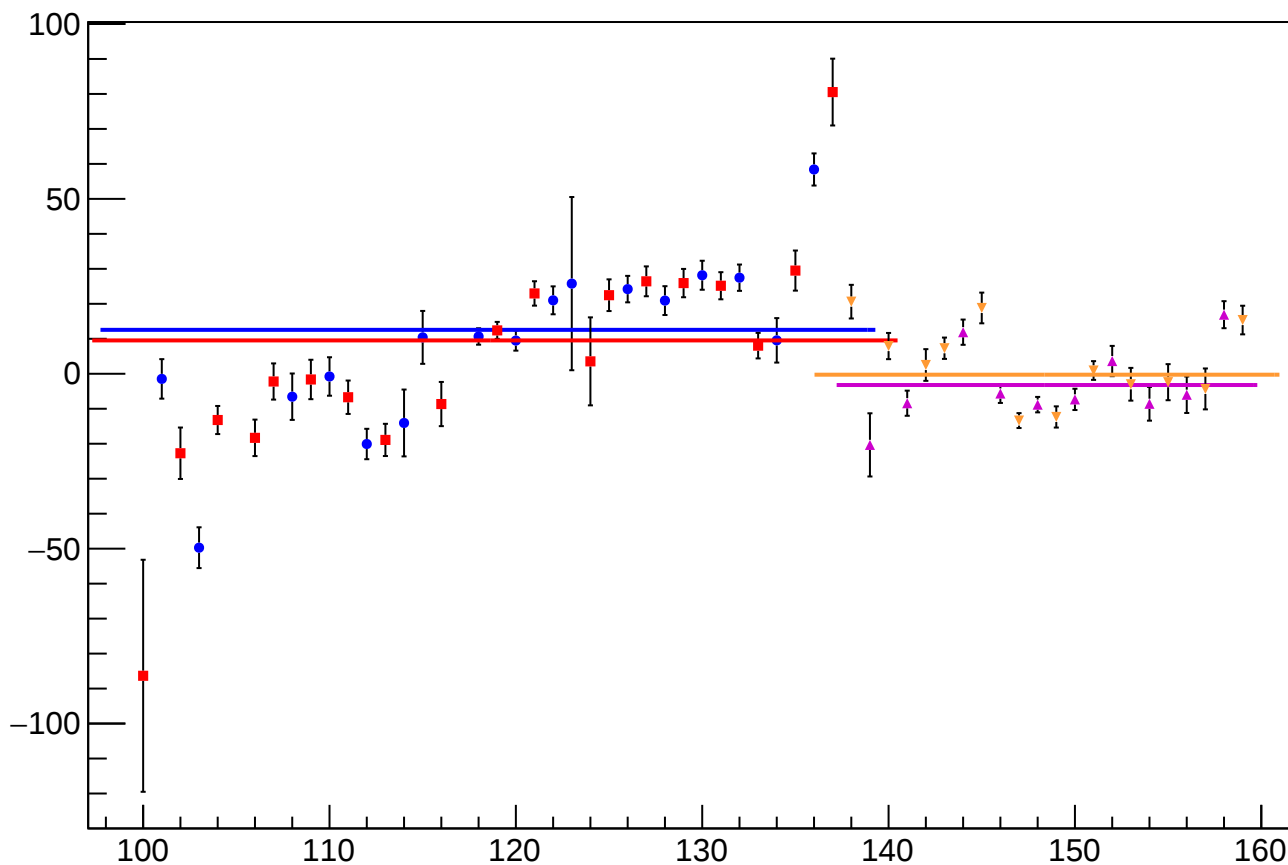
Left In: 249.084+/-1.663 χ^2/NDF : 79.9/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.608+/-1.134 χ^2/NDF : 4003.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.559 ± 1.057 $\chi^2/\text{NDF}: 348.6/16$

Left Out: -0.265 ± 1.019 $\chi^2/\text{NDF}: 118.5/11$

Right Out: 9.535 ± 1.049 $\chi^2/\text{NDF}: 295.8/18$

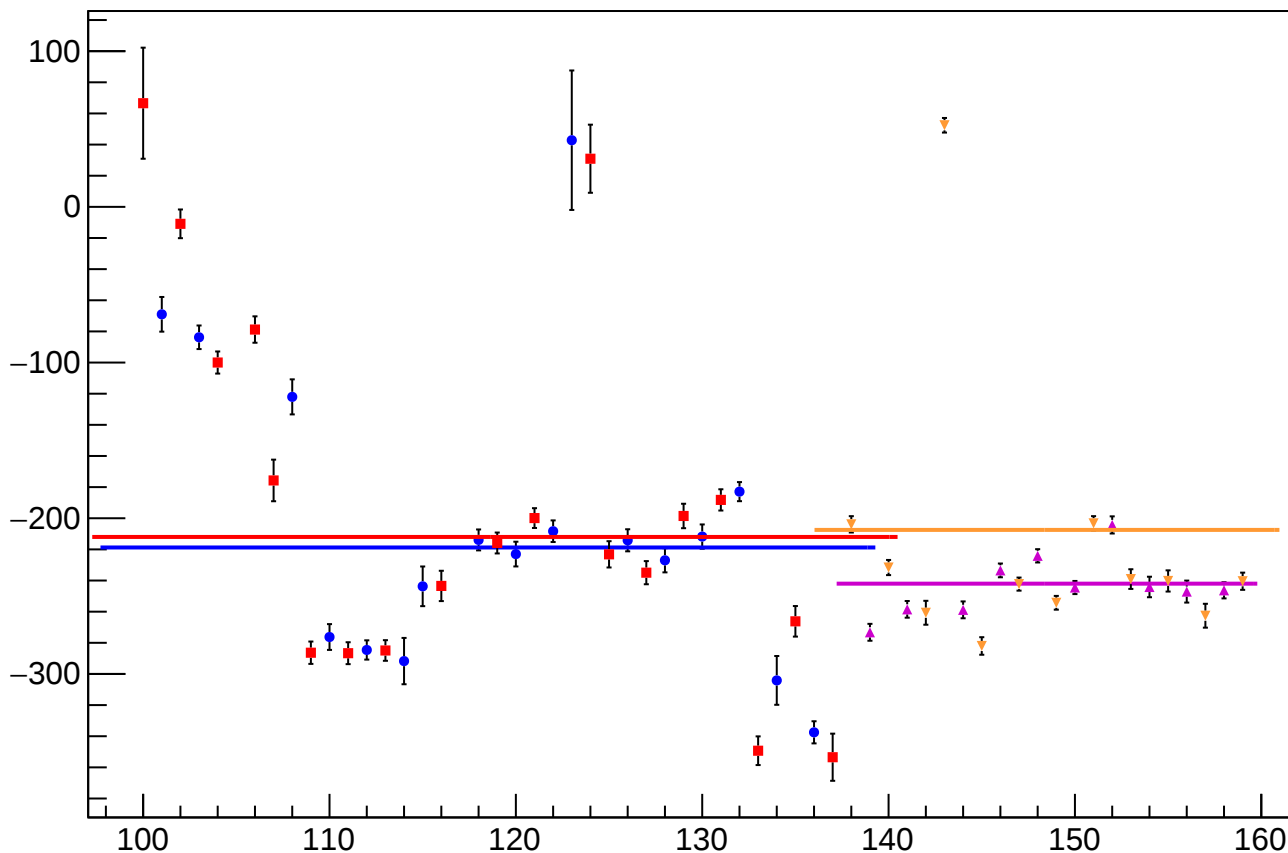
Left In: -3.215 ± 1.106 $\chi^2/\text{NDF}: 63.4/9$

+ sign 5.909 ± 0.734 $\chi^2/\text{NDF}: 543.4/28$

All: 4.749 ± 0.528 $\chi^2/\text{NDF}: 977.7/57$

- sign 3.500 ± 0.761 $\chi^2/\text{NDF}: 429.2/28$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -207.482 ± 1.537 $\chi^2/\text{NDF}: 3638.1/11$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

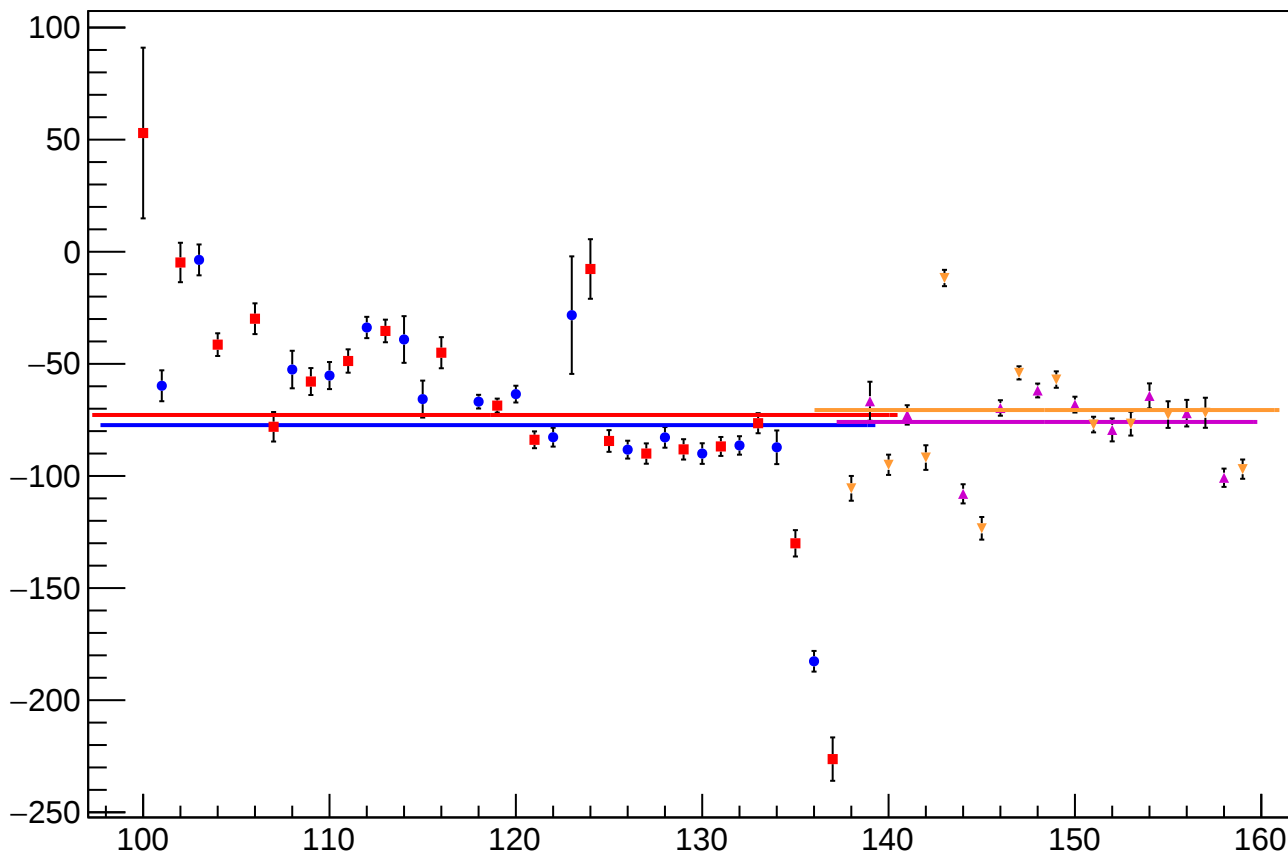
Left In: -242.010 ± 1.626 $\chi^2/\text{NDF}: 122.1/9$

+ sign -211.646 ± 1.221 $\chi^2/\text{NDF}: 4802.4/28$

All: -220.426 ± 0.871 $\chi^2/\text{NDF}: 7057.3/57$

- sign -229.507 ± 1.242 $\chi^2/\text{NDF}: 2149.7/28$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -70.596 ± 1.248 χ^2/NDF : 542.6/11

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

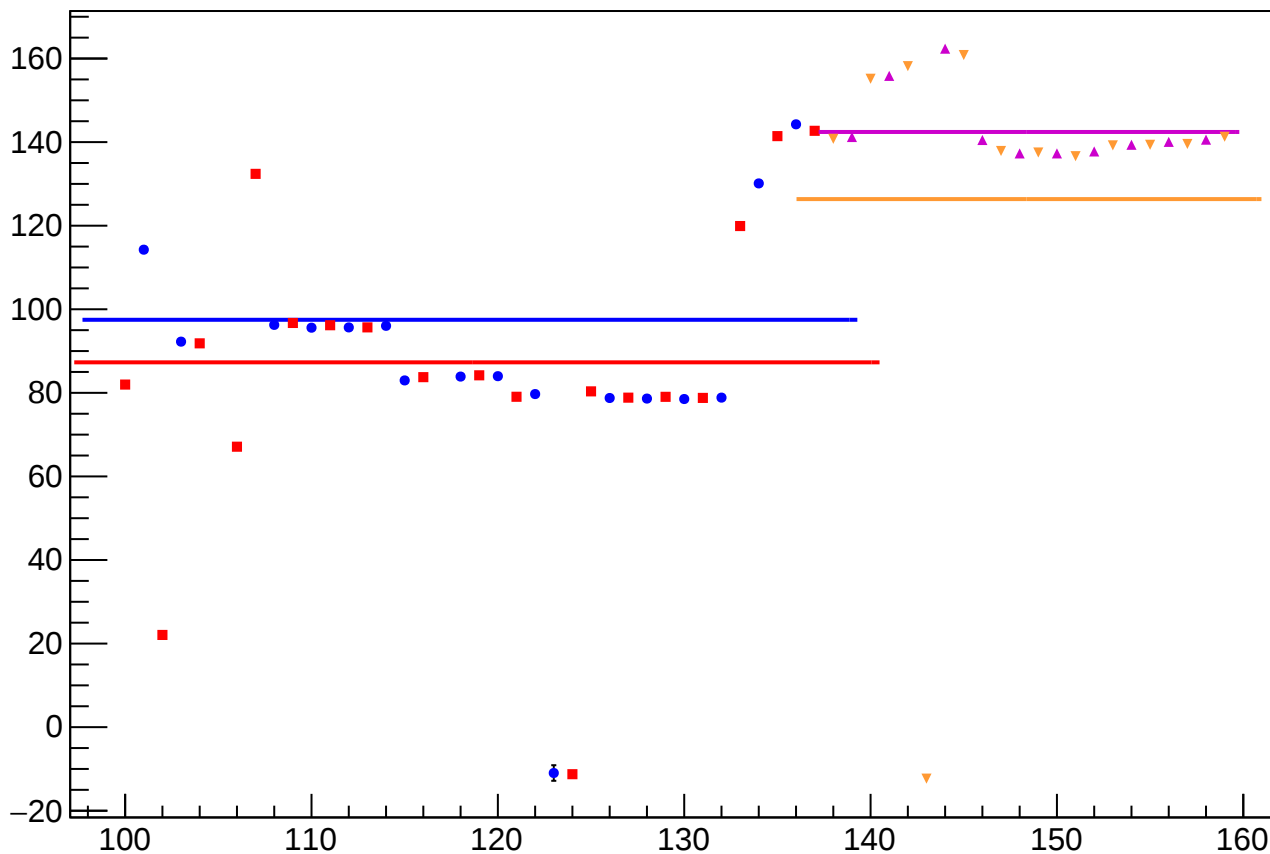
Left In: -75.910 ± 1.349 χ^2/NDF : 129.1/9

+ sign -74.028 ± 0.873 χ^2/NDF : 1375.1/28

All: -74.102 ± 0.627 χ^2/NDF : 2178.8/57

- sign -74.180 ± 0.900 χ^2/NDF : 803.8/28

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 126.364+/-0.062 χ^2/NDF : 624684.9/11

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

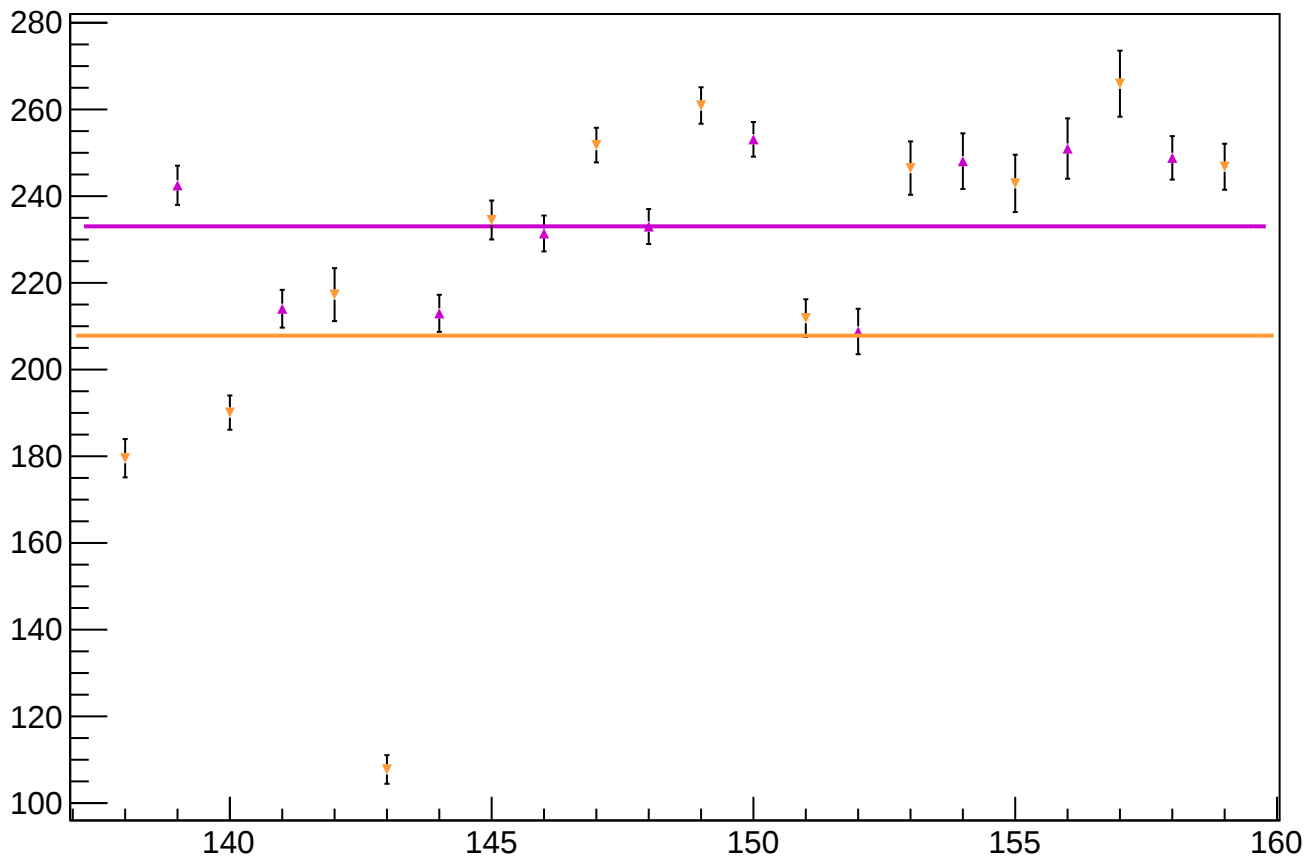
Left In: 142.427+/-0.065 χ^2/NDF : 13501.8/9

+ sign 114.315+/-0.047 χ^2/NDF : 809392.9/28

All: 115.300+/-0.033 χ^2/NDF : 1388777.9/57

- sign 116.269+/-0.047 χ^2/NDF : 578528.0/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.826+/-1.340 χ^2/NDF :1475.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

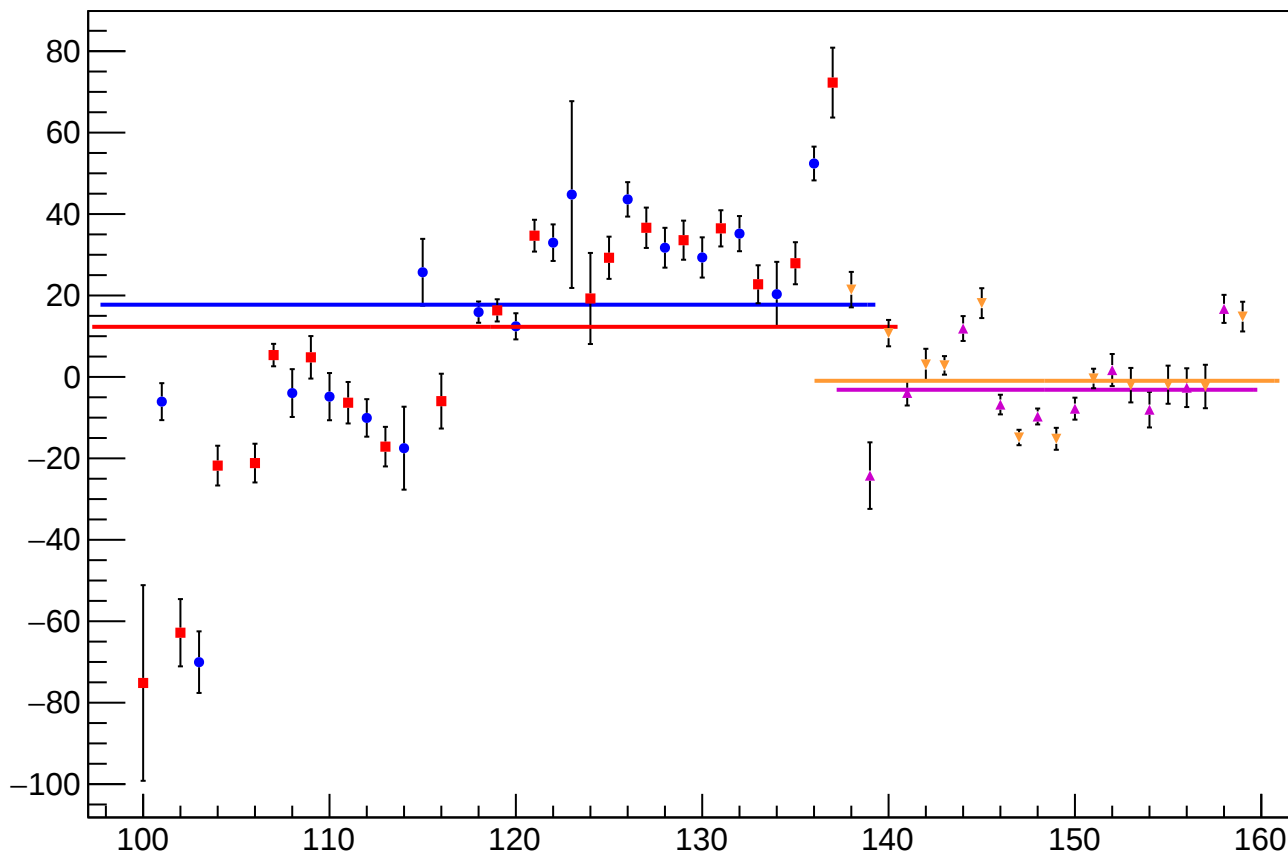
Left In: 233.038+/-1.475 χ^2/NDF :114.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.223+/-0.992 χ^2/NDF : 1749.7/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.737 ± 1.149 χ^2/NDF : 394.0/16

Left Out: -0.949 ± 0.882 χ^2/NDF : 171.3/11

Right Out: 12.306 ± 1.084 χ^2/NDF : 442.5/18

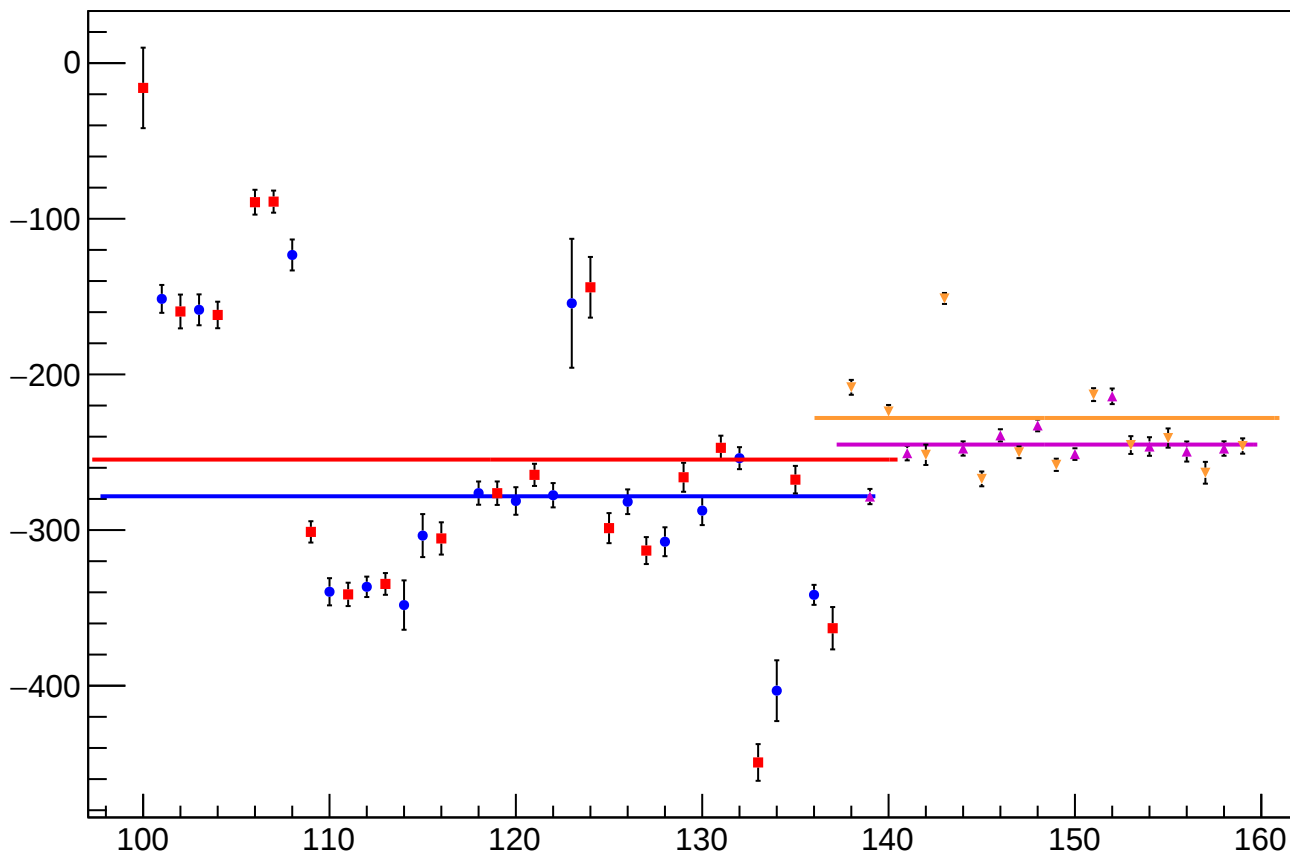
Left In: -3.154 ± 0.980 χ^2/NDF : 83.5/9

+ sign 5.986 ± 0.700 χ^2/NDF : 731.8/28

All: 4.934 ± 0.504 χ^2/NDF : 1374.3/57

- sign -3.799 ± 0.727 χ^2/NDF : 637.8/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -227.980 ± 1.335 $\chi^2/\text{NDF}: 731.7/11$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

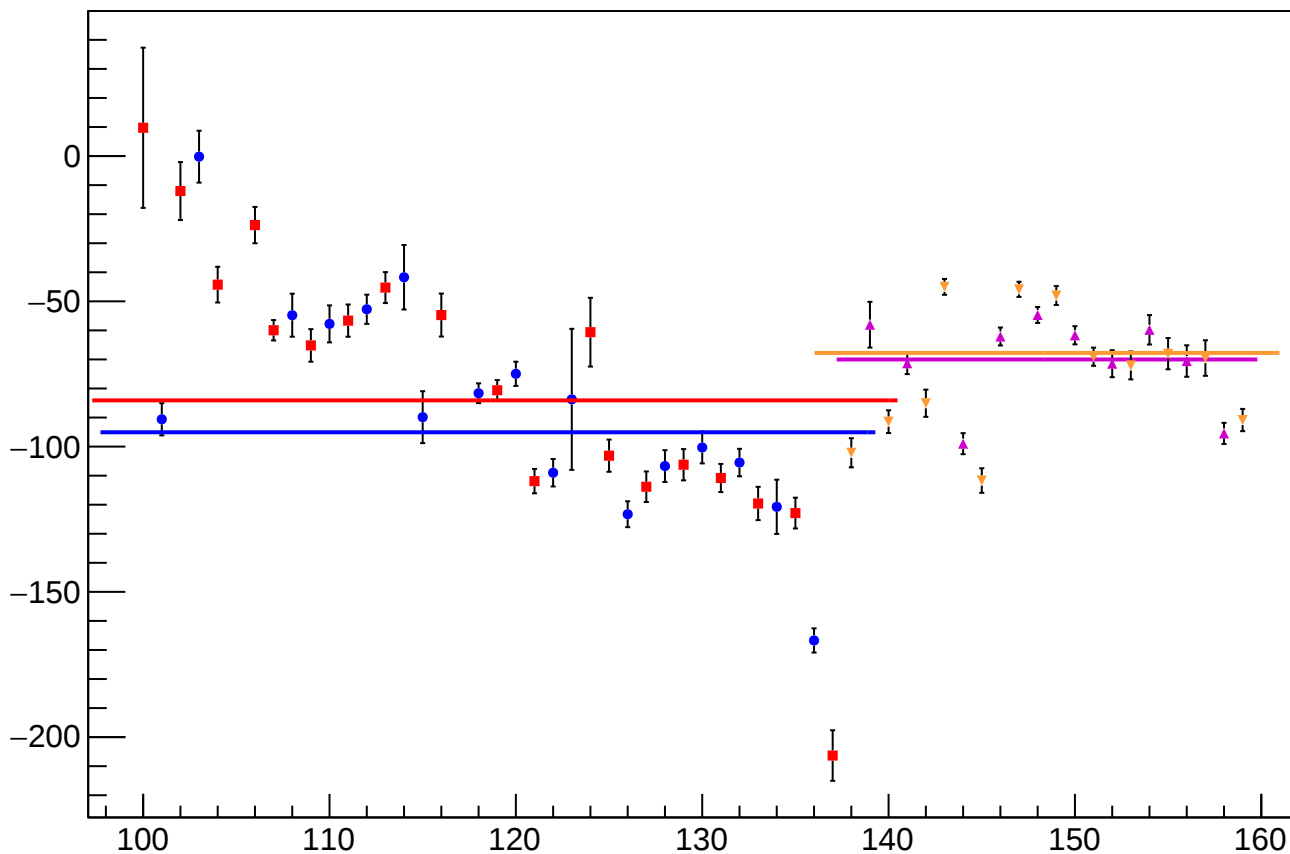
Left In: -245.072 ± 1.444 $\chi^2/\text{NDF}: 102.7/9$

+ sign -241.774 ± 1.137 $\chi^2/\text{NDF}: 2031.1/28$

All: -244.950 ± 0.817 $\chi^2/\text{NDF}: 4203.0/57$

- sign -248.336 ± 1.174 $\chi^2/\text{NDF}: 2155.8/28$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -67.758 ± 1.080 χ^2/NDF : 419.4/11

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

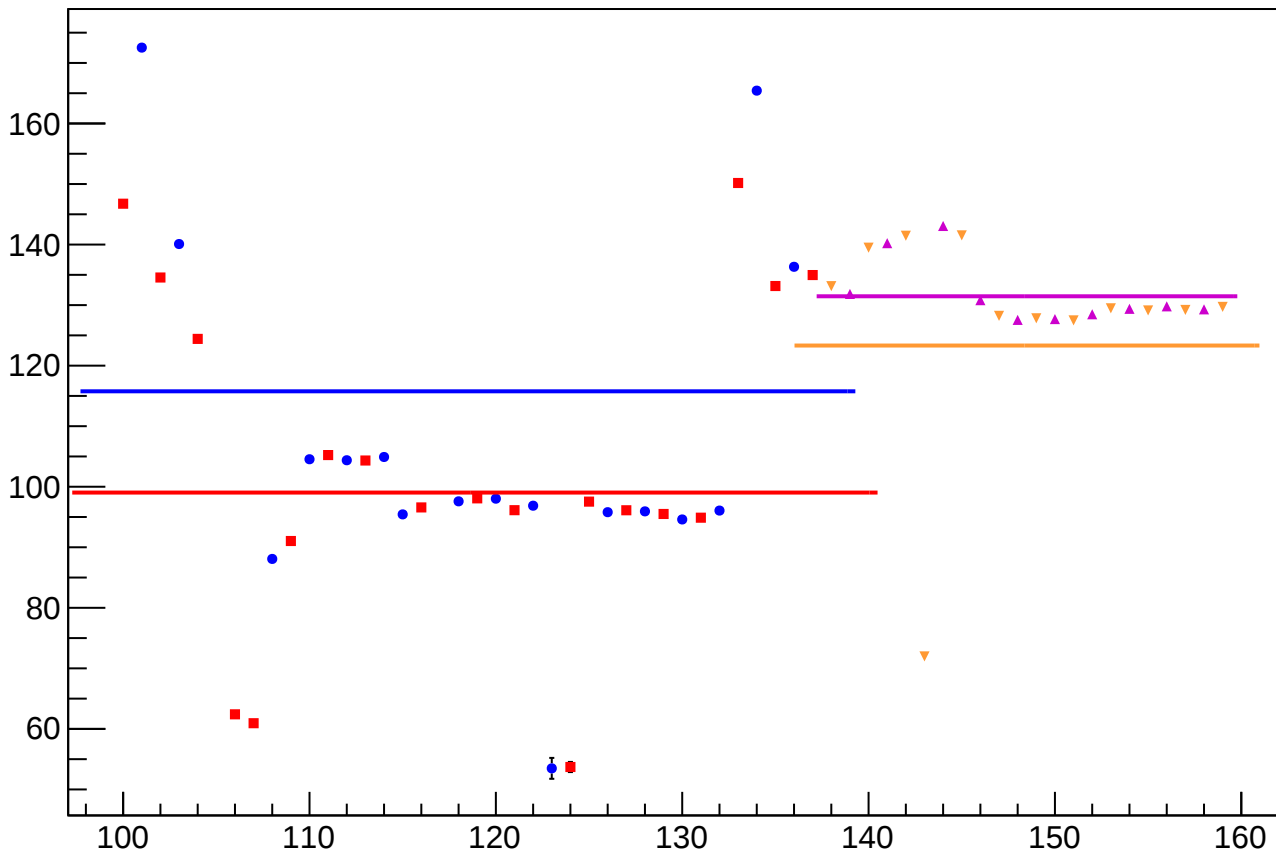
Left In: -70.023 ± 1.196 χ^2/NDF : 164.7/9

+ sign -78.658 ± 0.837 χ^2/NDF : 1347.9/28

All: -77.716 ± 0.602 χ^2/NDF : 2361.4/57

- sign -76.708 ± 0.866 χ^2/NDF : 1010.9/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 123.323 $\pm$ 0.054 χ^2 /NDF: 161176.9/11

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

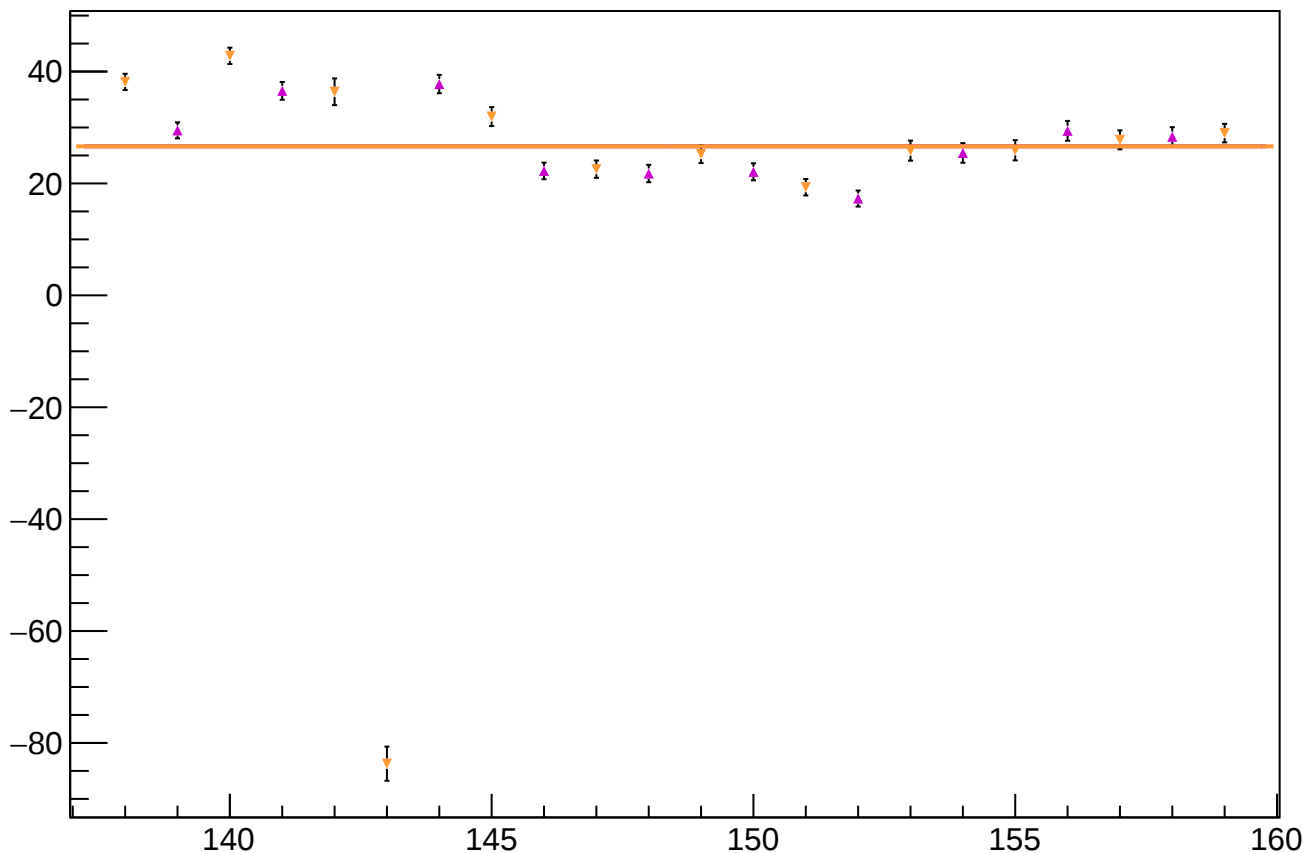
Left In: 131.459 $\pm$ 0.058 χ^2 /NDF: 7272.0/9

+ sign 120.877 $\pm$ 0.044 χ^2 /NDF: 273814.7/28

All: 119.426 $\pm$ 0.031 χ^2 /NDF: 587754.0/57

- sign 117.993 $\pm$ 0.044 χ^2 /NDF: 311818.8/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 26.633 $\pm$ 0.490 χ^2 /NDF:1551.6/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

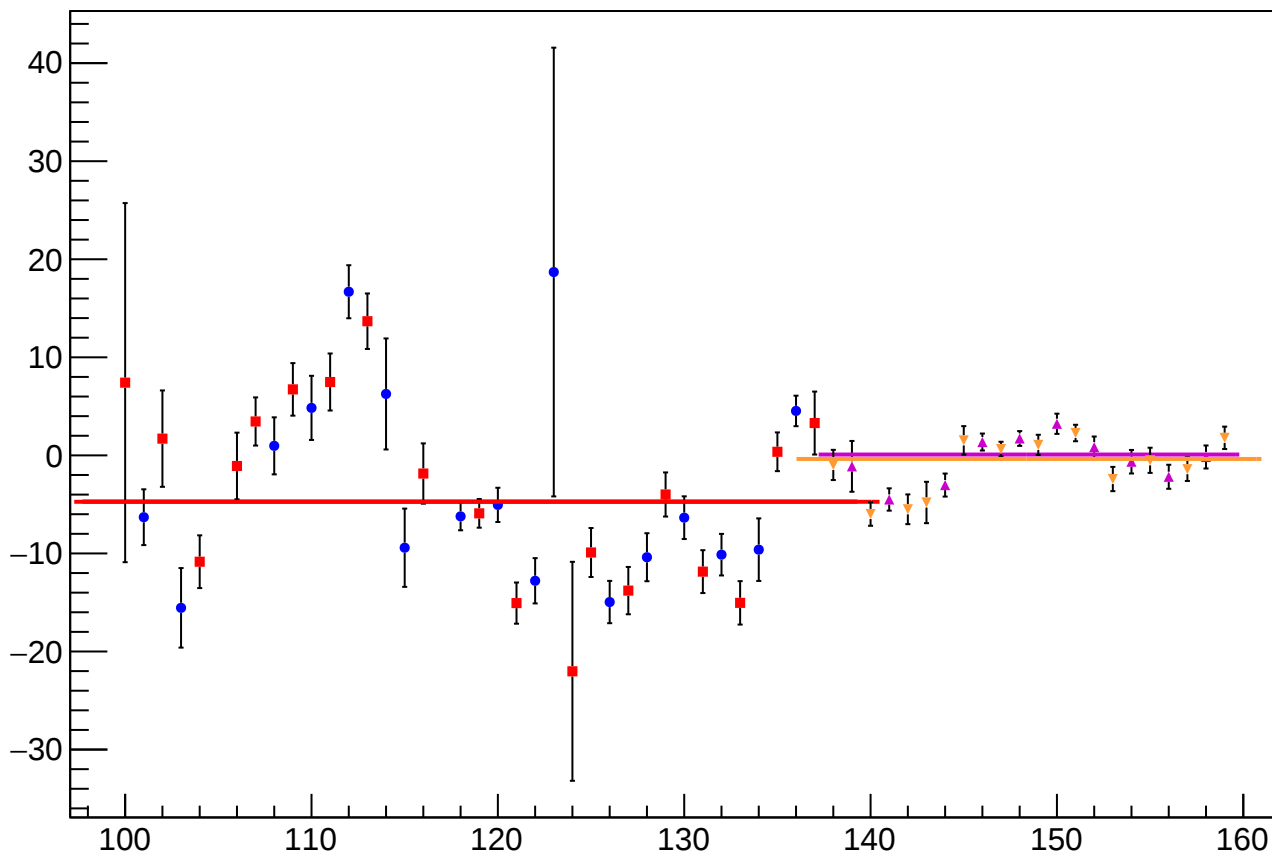
Left In: 26.642 $\pm$ 0.498 χ^2 /NDF:162.6/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.637 $\pm$ 0.349 χ^2 /NDF: 1714.2/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.364 ± 0.330 χ^2/NDF : 60.3/11

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

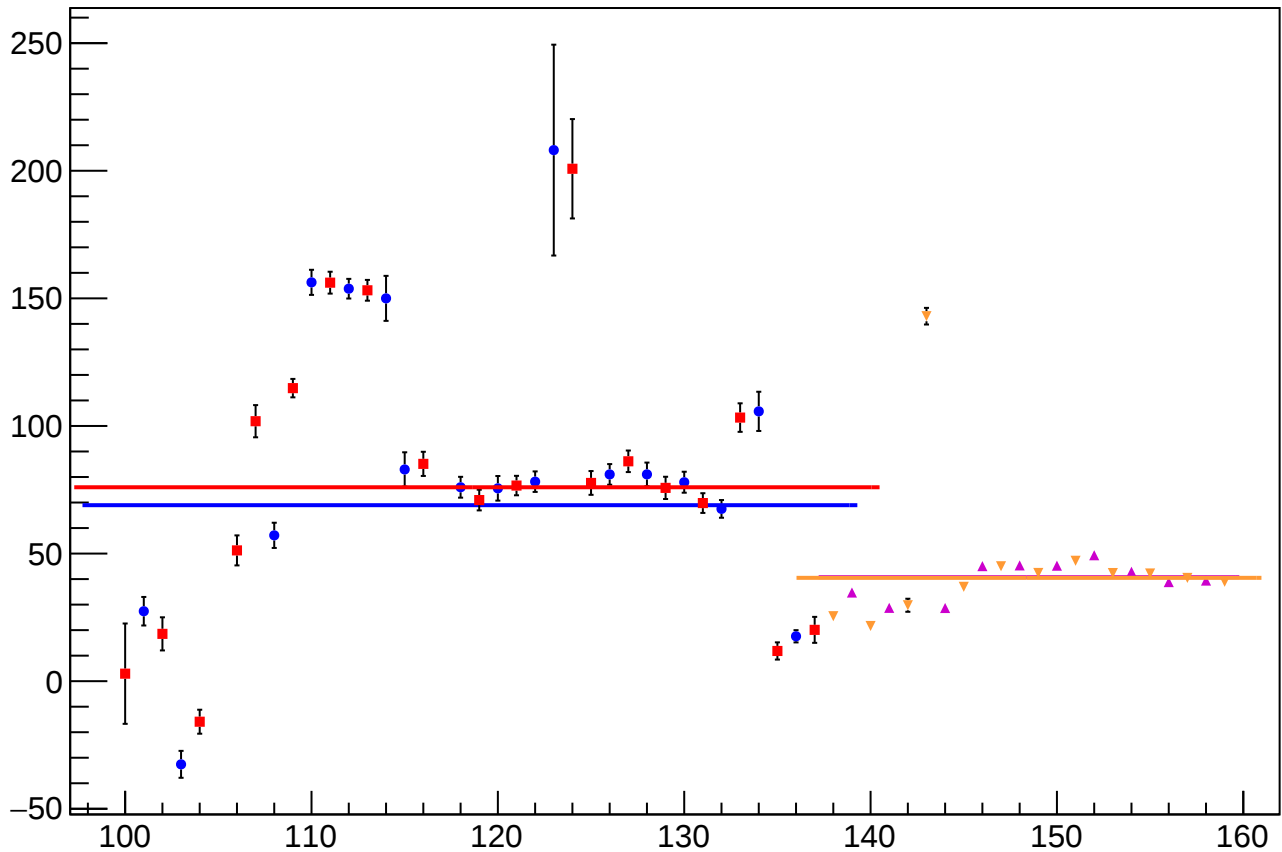
Left In: 0.084 ± 0.341 χ^2/NDF : 43.9/9

+ sign -1.427 ± 0.287 χ^2/NDF : 277.3/28

All: -1.285 ± 0.206 χ^2/NDF : 562.1/57

- sign -1.136 ± 0.294 χ^2/NDF : 284.3/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 40.493 $\pm$ 0.479 χ^2 /NDF:1286.9/11

Right Out: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

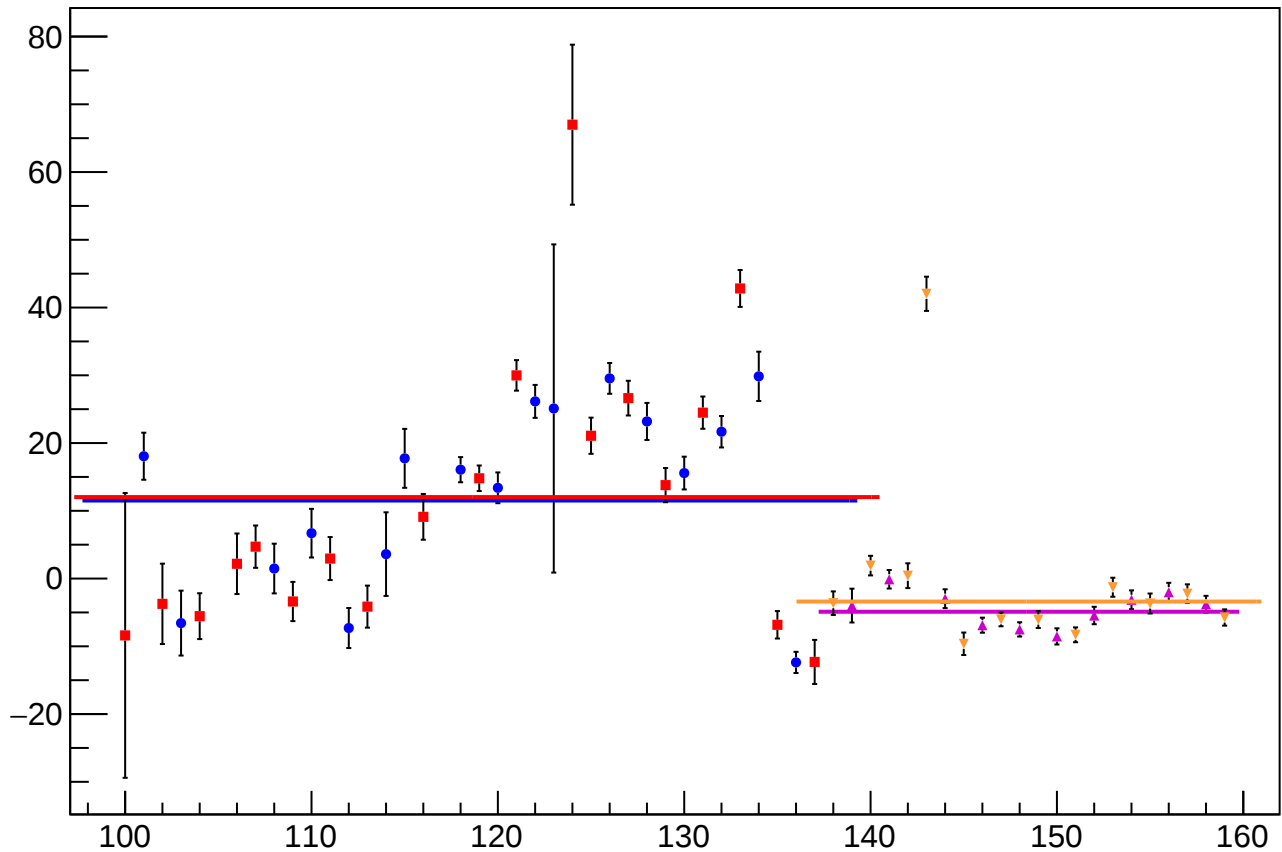
Left In: 40.753 $\pm$ 0.486 χ^2 /NDF:185.1/9

+ sign 45.184 $\pm$ 0.438 χ^2 /NDF: 3712.4/28

All: 45.977 $\pm$ 0.311 χ^2 /NDF: 6698.3/57

- sign 46.787 $\pm$ 0.443 χ^2 /NDF: 2979.3/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.521 $\pm$ 0.660 χ^2/NDF : 477.2/16

Left Out: -3.394 $\pm$ 0.399 χ^2/NDF : 393.8/11

Right Out: 12.026 $\pm$ 0.664 χ^2/NDF : 539.7/18

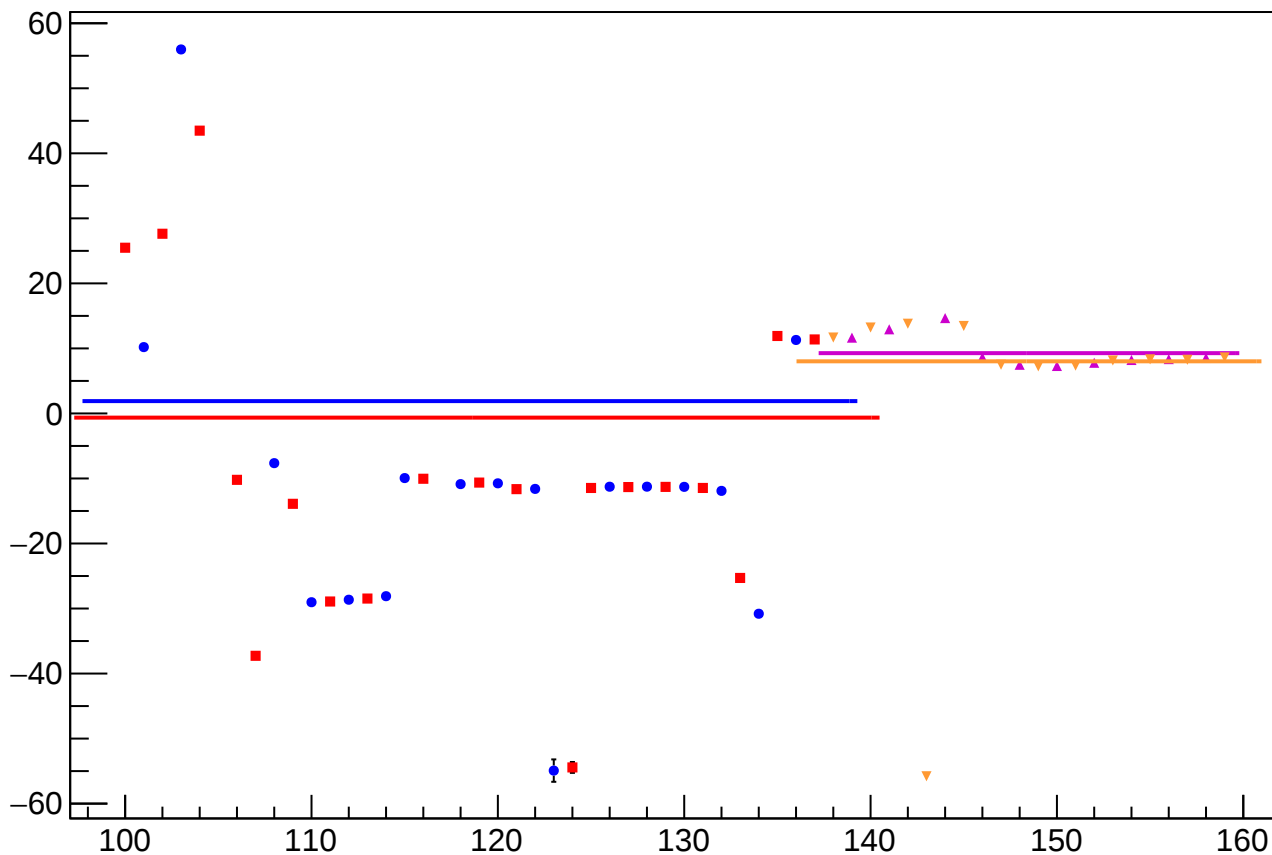
Left In: -4.897 $\pm$ 0.411 χ^2/NDF : 39.8/9

+ sign 0.606 $\pm$ 0.342 χ^2/NDF : 1245.0/28

All: 0.206 $\pm$ 0.244 χ^2/NDF : 2296.8/57

- sign -0.212 $\pm$ 0.349 χ^2/NDF : 1049.0/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 8.014 ± 0.019 χ^2/NDF : 256452.0/11

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

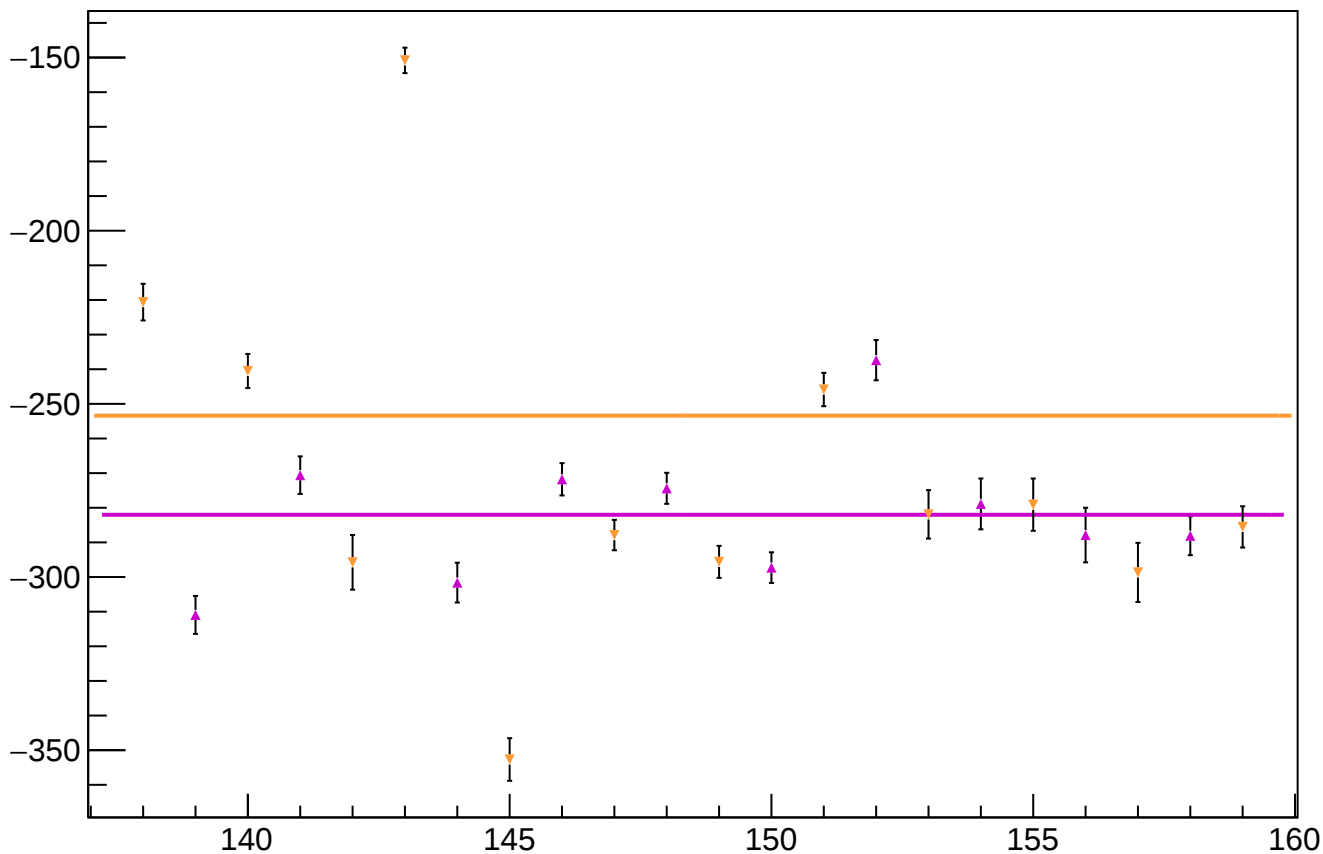
Left In: 9.271 ± 0.019 χ^2/NDF : 13243.6/9

+ sign 6.764 ± 0.017 χ^2/NDF : 637012.7/28

All: 6.984 ± 0.012 χ^2/NDF : 1068935.4/57

- sign 7.207 ± 0.017 χ^2/NDF : 431576.1/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -253.406+/-1.552 χ^2/NDF :1345.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

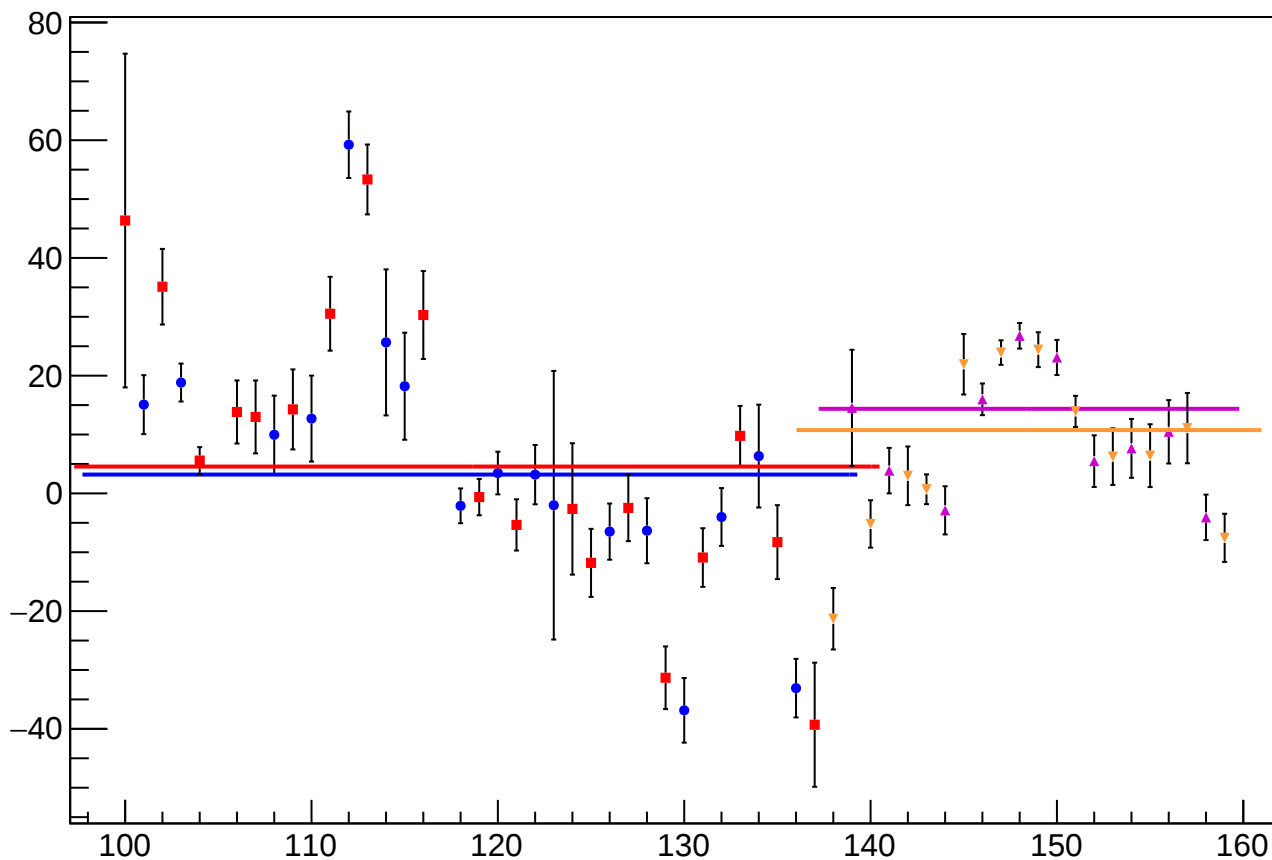
Left In: -282.026+/-1.715 χ^2/NDF :124.3/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.295+/-1.151 χ^2/NDF : 1623.0/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 10.757 ± 1.007 χ^2/NDF : 160.5/11

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

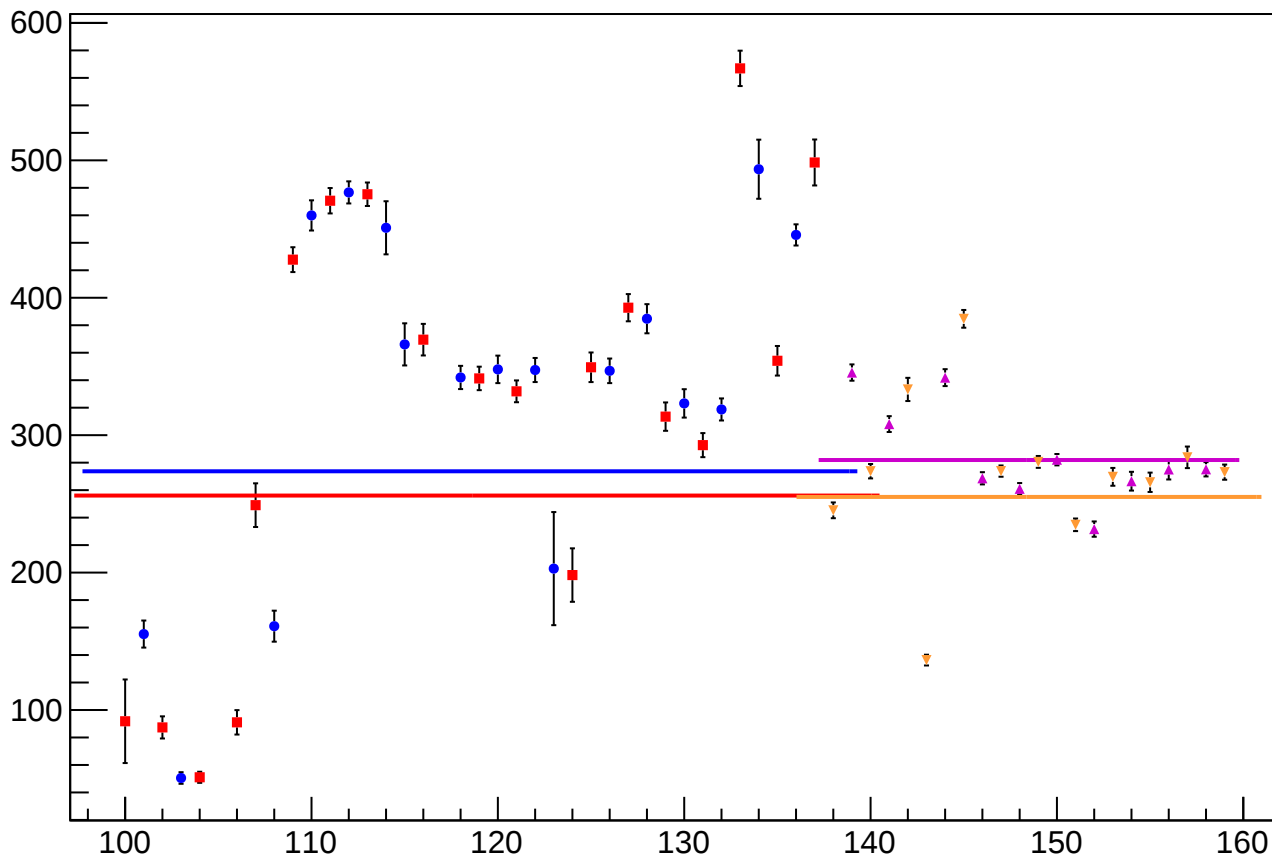
Left In: 14.370 ± 1.123 χ^2/NDF : 95.9/9

+ sign 7.717 ± 0.778 χ^2/NDF : 438.4/28

All: 8.632 ± 0.560 χ^2/NDF : 798.1/57

- sign 9.613 ± 0.806 χ^2/NDF : 356.9/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 255.058 $\pm$ 1.537 χ^2 /NDF:1528.5/11

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

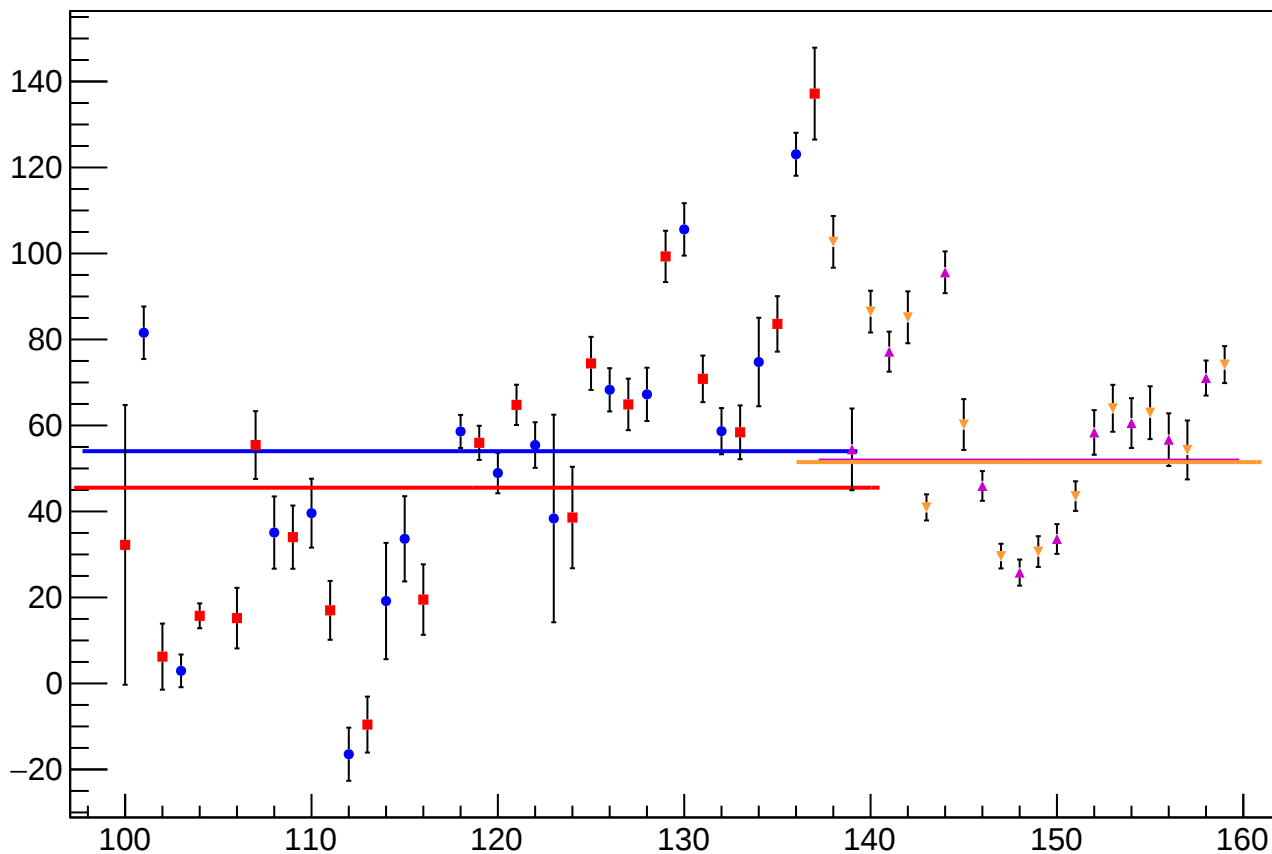
Left In: 281.922 $\pm$ 1.667 χ^2 /NDF:353.4/9

+ sign 261.198 $\pm$ 1.259 χ^2 /NDF: 6680.3/28

All: 266.327 $\pm$ 0.904 χ^2 /NDF: 13603.4/57

- sign 271.799 $\pm$ 1.300 χ^2 /NDF: 6888.7/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.016 ± 1.423 $\chi^2/\text{NDF}: 632.9/16$

Left Out: 45.529 ± 1.357 $\chi^2/\text{NDF}: 526.8/18$

Right Out: 51.840 ± 1.375 $\chi^2/\text{NDF}: 241.9/9$

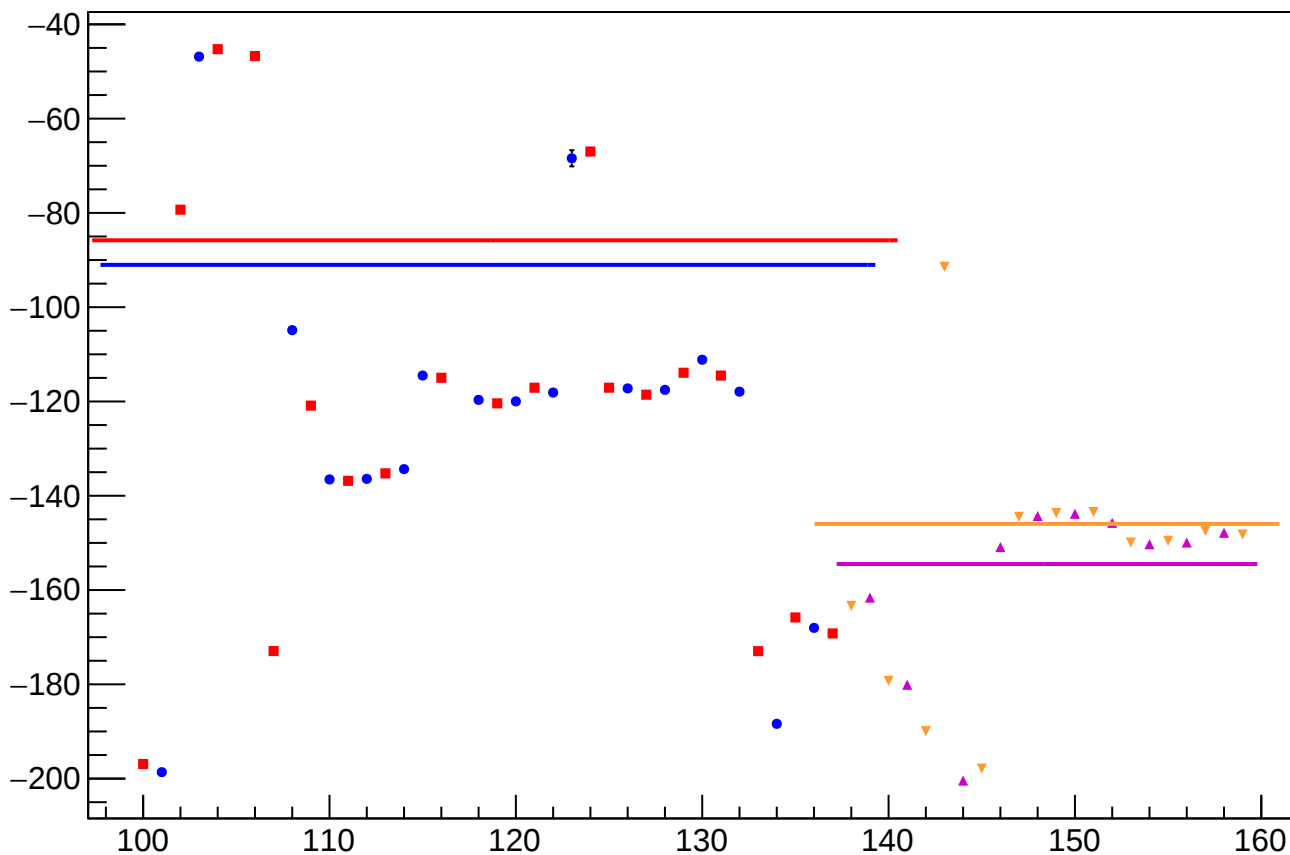
Left In: 51.840 ± 1.375 $\chi^2/\text{NDF}: 241.9/9$

+ sign 52.568 ± 0.934 $\chi^2/\text{NDF}: 938.2/28$

All: 50.673 ± 0.671 $\chi^2/\text{NDF}: 1726.1/57$

- sign 48.644 ± 0.966 $\chi^2/\text{NDF}: 779.4/28$

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.021 ± 0.068 χ^2/NDF : 534258.1/16

Left Out: -145.963 ± 0.062 χ^2/NDF : 205458.0/11

Right Out: -85.811 ± 0.065 χ^2/NDF : 495868.7/18

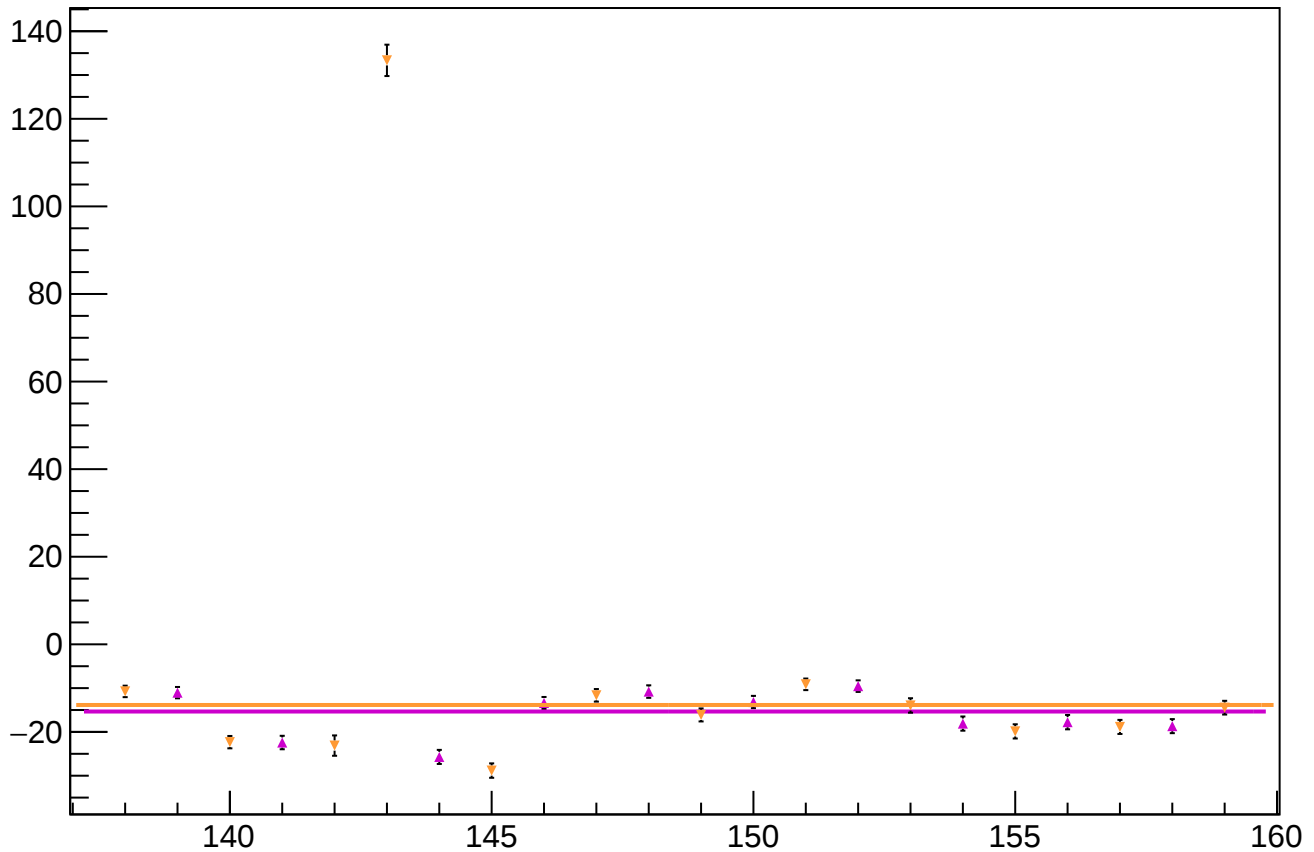
Left In: -154.481 ± 0.067 χ^2/NDF : 52885.1/9

+ sign -120.731 ± 0.046 χ^2/NDF : 1097102.9/28

All: -120.032 ± 0.033 χ^2/NDF : 2190483.1/57

- sign -119.311 ± 0.047 χ^2/NDF : 1092907.2/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -13.850 $\pm$ 0.458 χ^2 /NDF:1870.8/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

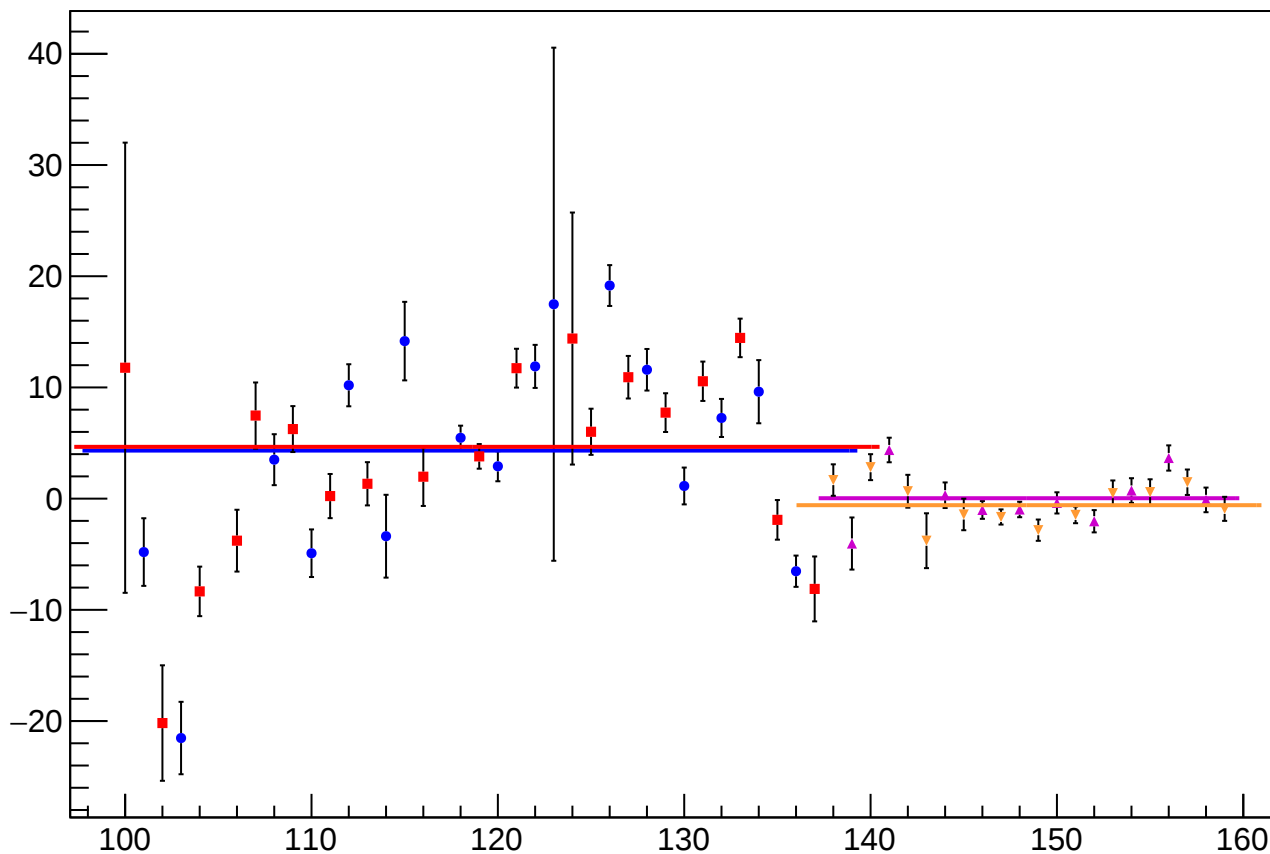
Left In: -15.344 $\pm$ 0.464 χ^2 /NDF:117.0/9

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.587 $\pm$ 0.326 χ^2 /NDF: 1993.0/21

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: -0.589 ± 0.308 χ^2/NDF : 28.5/11

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

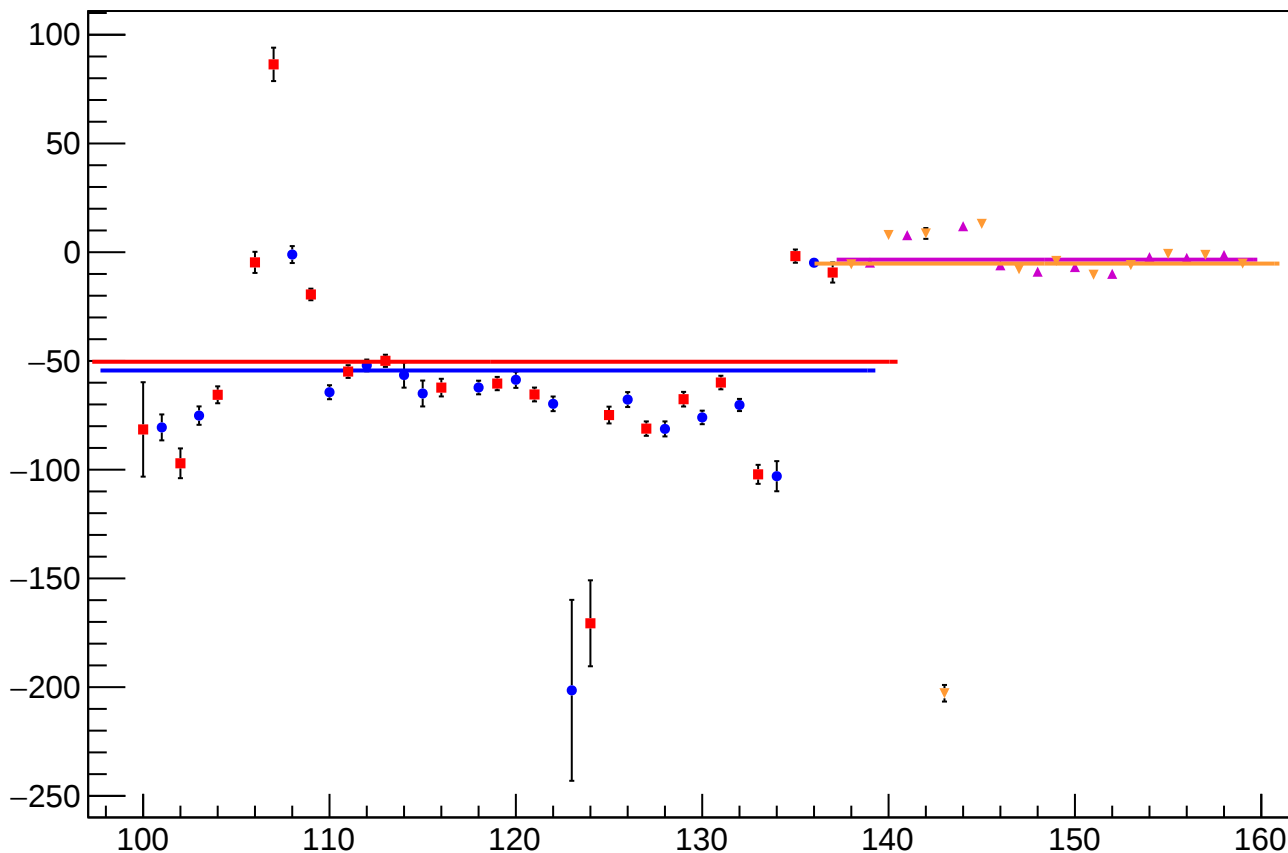
Left In: 0.037 ± 0.318 χ^2/NDF : 37.4/9

+ sign 0.908 ± 0.257 χ^2/NDF : 386.2/28

All: 1.182 ± 0.184 χ^2/NDF : 676.0/57

- sign 1.472 ± 0.264 χ^2/NDF : 287.5/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.231 ± 0.448 $\chi^2/\text{NDF}: 2933.7/11$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

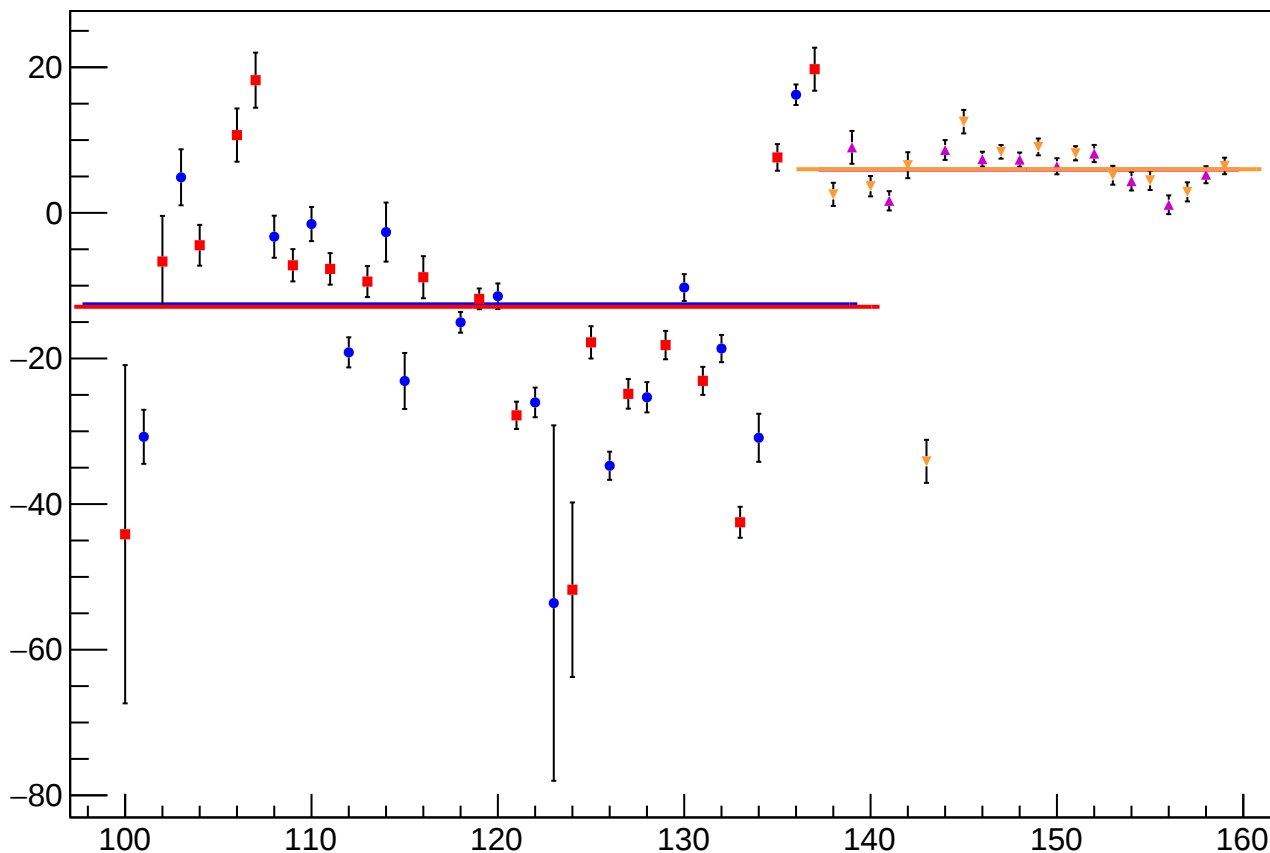
Left In: -3.426 ± 0.452 $\chi^2/\text{NDF}: 185.3/9$

+ sign -15.620 ± 0.397 $\chi^2/\text{NDF}: 6497.6/28$

All: -14.640 ± 0.282 $\chi^2/\text{NDF}: 10359.8/57$

- sign -13.646 ± 0.400 $\chi^2/\text{NDF}: 3849.9/28$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 5.998 ± 0.373 χ^2/NDF : 234.2/11

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

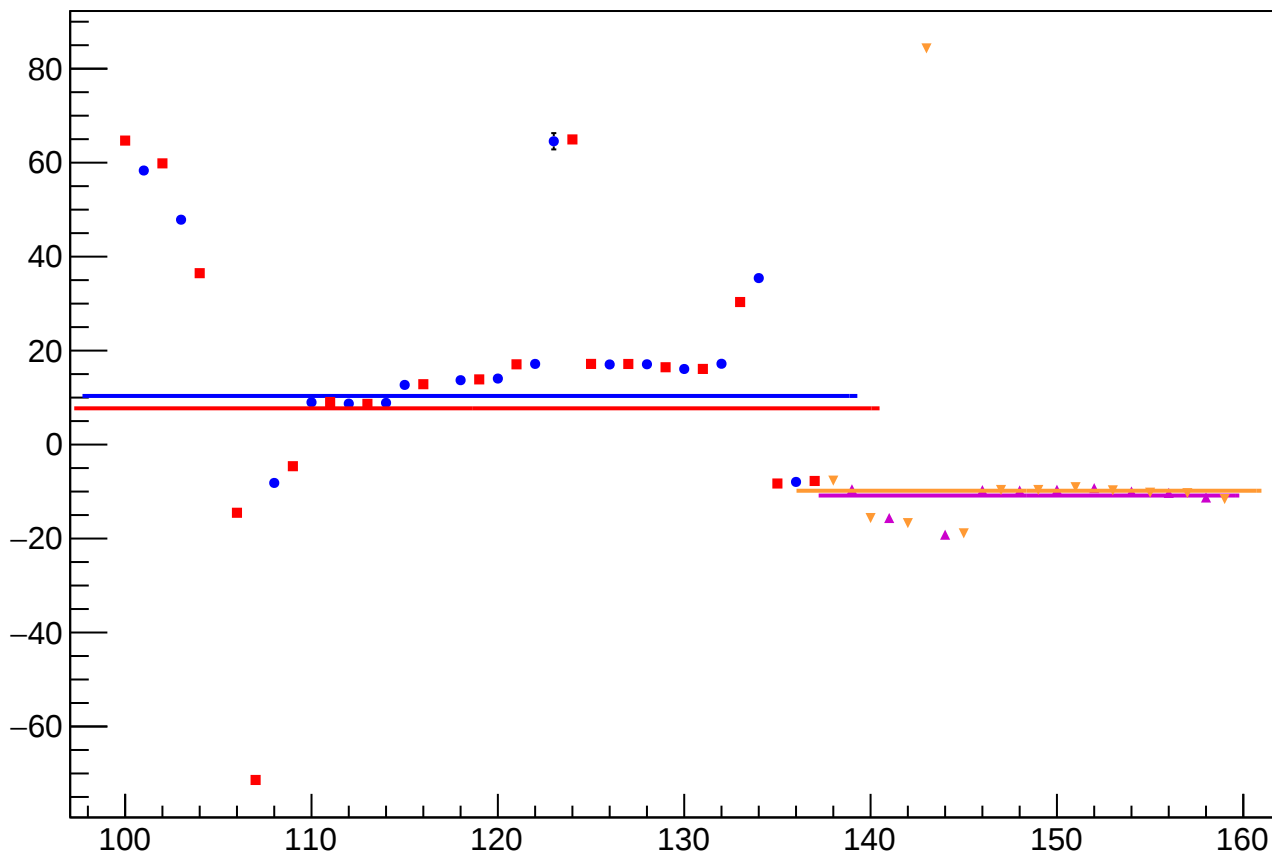
Left In: 5.942 ± 0.384 χ^2/NDF : 39.7/9

+ sign -0.130 ± 0.305 χ^2/NDF : 1830.5/28

All: -0.266 ± 0.218 χ^2/NDF : 3411.7/57

- sign -0.407 ± 0.312 χ^2/NDF : 1580.8/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -9.824+/-0.018 χ^2/NDF : 408938.8/11

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

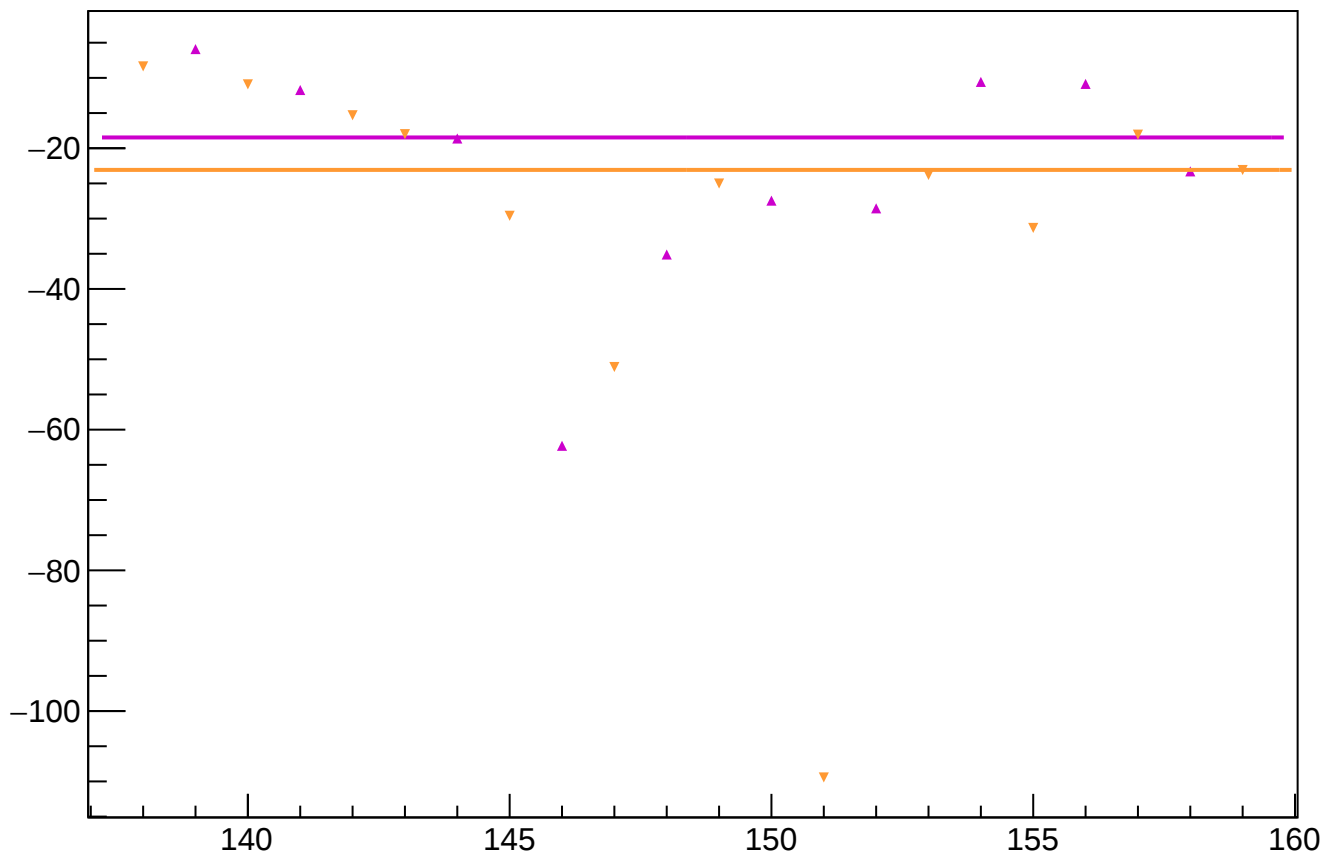
Left In: -10.845+/-0.018 χ^2/NDF : 20896.5/9

+ sign -4.839+/-0.015 χ^2/NDF : 1117488.1/28

All: -5.589+/-0.011 χ^2/NDF : 1955541.0/57

- sign -6.356+/-0.015 χ^2/NDF : 833128.9/28

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.079+/-0.076 χ^2/NDF : 50345.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

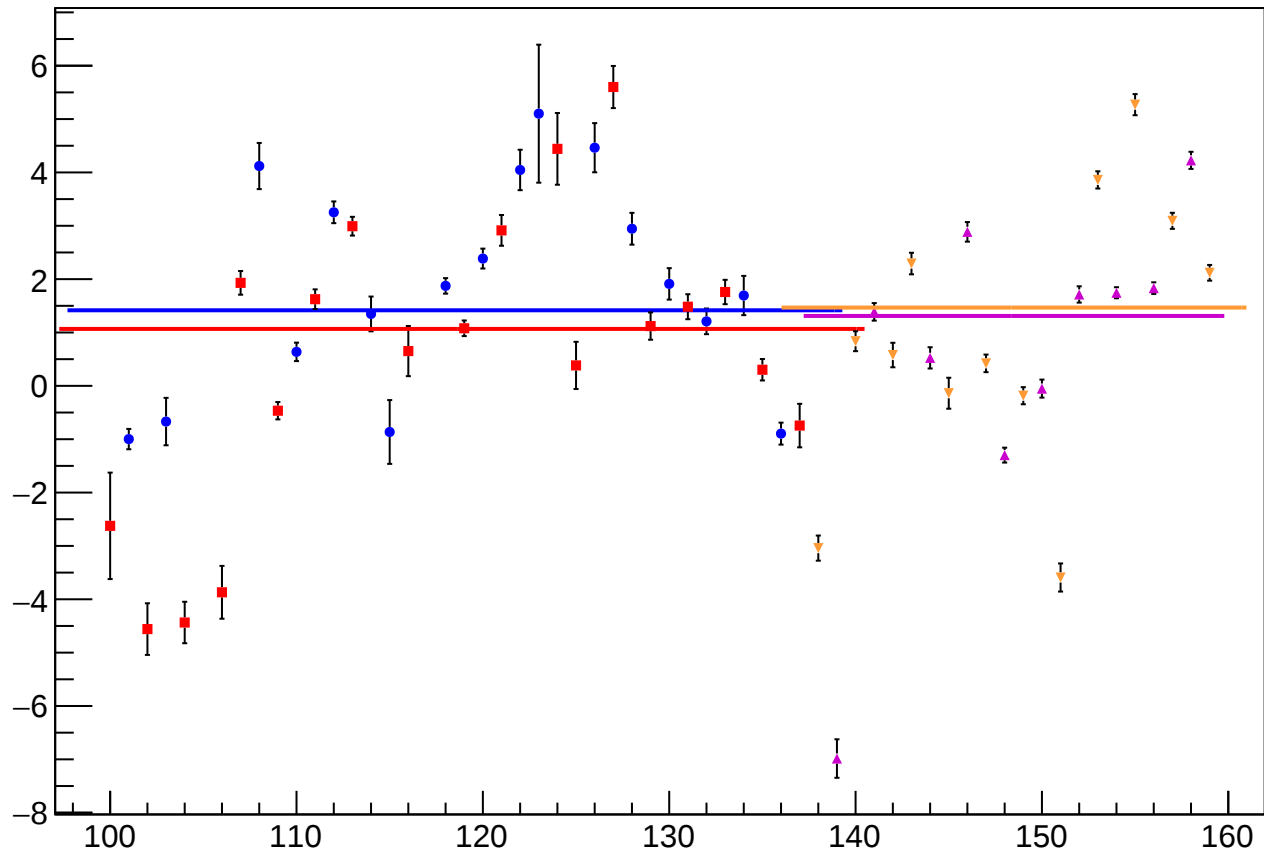
Left In: -18.468+/-0.068 χ^2/NDF : 36519.0/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.531+/-0.051 χ^2/NDF : 88922.8/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.467 ± 0.054 χ^2/NDF : 1681.8/11

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

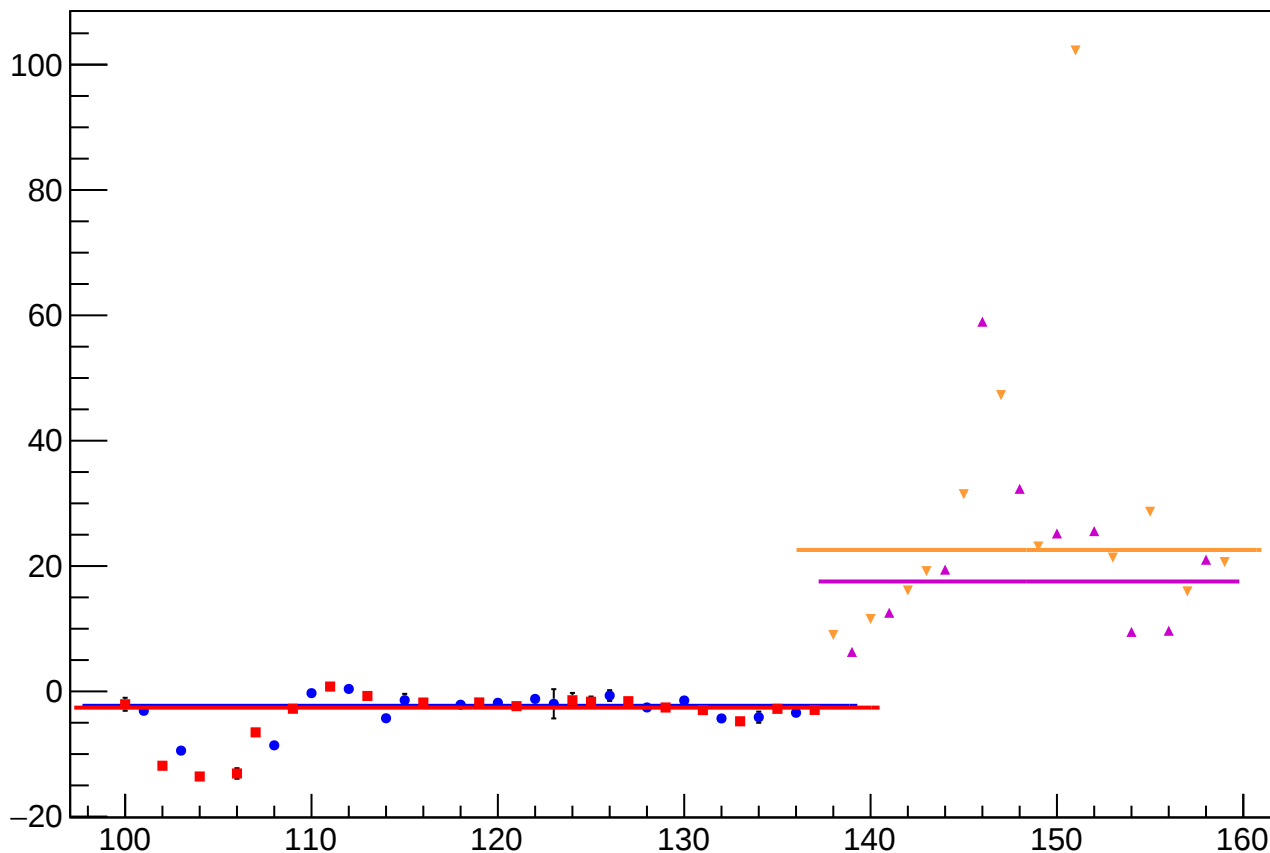
Left In: 1.310 ± 0.047 χ^2/NDF : 1408.9/9

+ sign 1.445 ± 0.040 χ^2/NDF : 2313.4/28

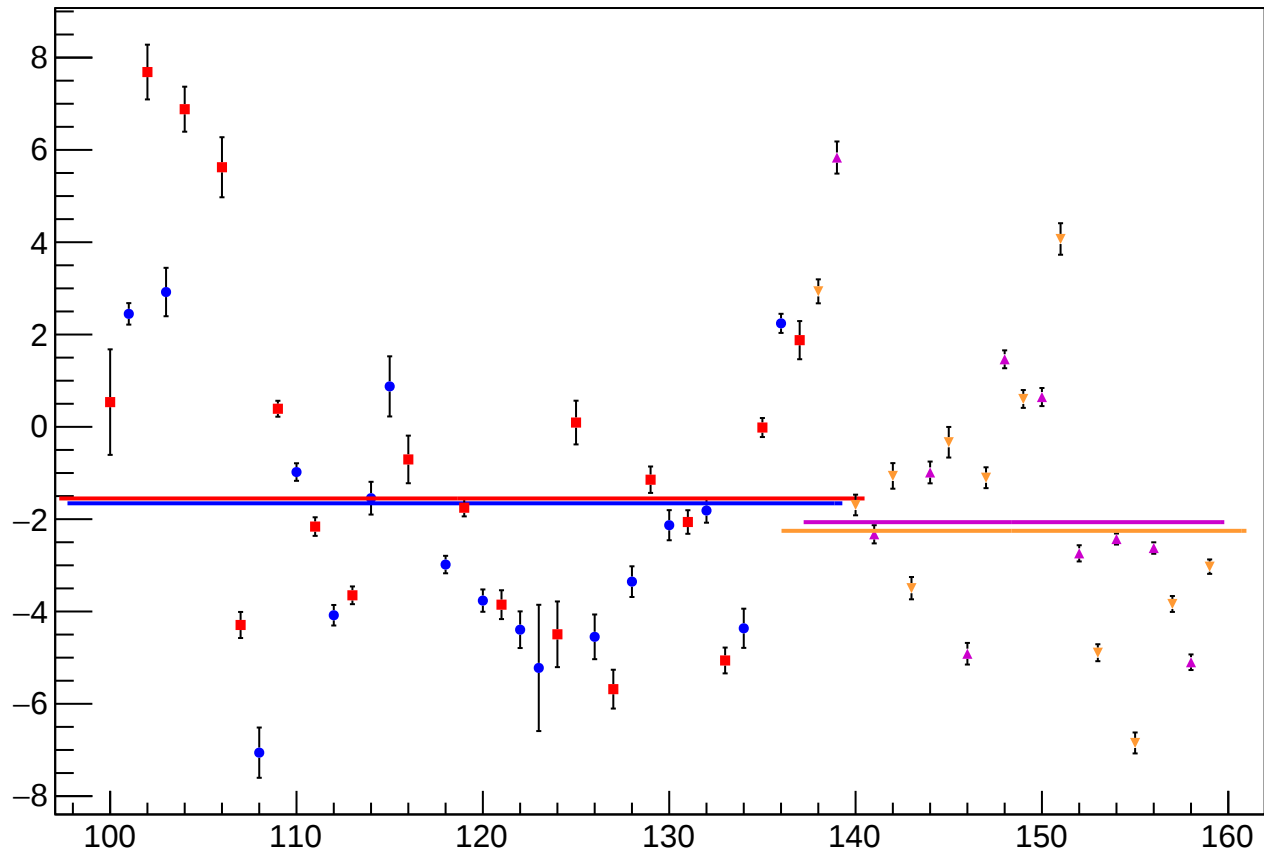
All: 1.318 ± 0.027 χ^2/NDF : 4680.8/57

- sign 1.213 ± 0.037 χ^2/NDF : 2349.3/28

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -2.252 ± 0.063 χ^2/NDF : 1796.7/11

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

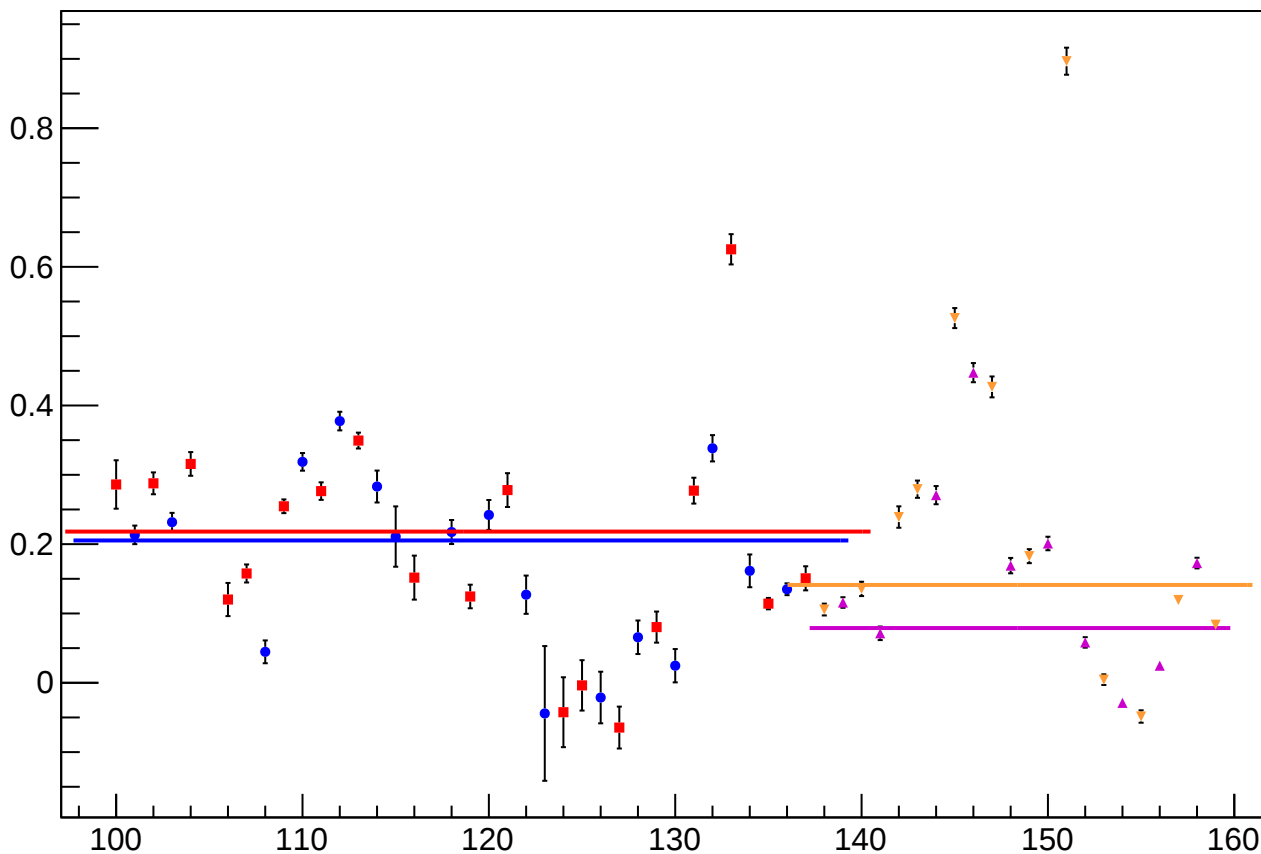
Left In: -2.065 ± 0.055 χ^2/NDF : 1576.7/9

+ sign -1.988 ± 0.047 χ^2/NDF : 3107.7/28

All: -1.912 ± 0.031 χ^2/NDF : 6212.8/57

- sign -1.851 ± 0.042 χ^2/NDF : 3100.5/28

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.004 χ^2/NDF : 620.5/16

Left Out: 0.141 $\pm$ 0.003 χ^2/NDF :3600.7/11

Right Out: 0.218 $\pm$ 0.004 χ^2/NDF : 1023.2/18

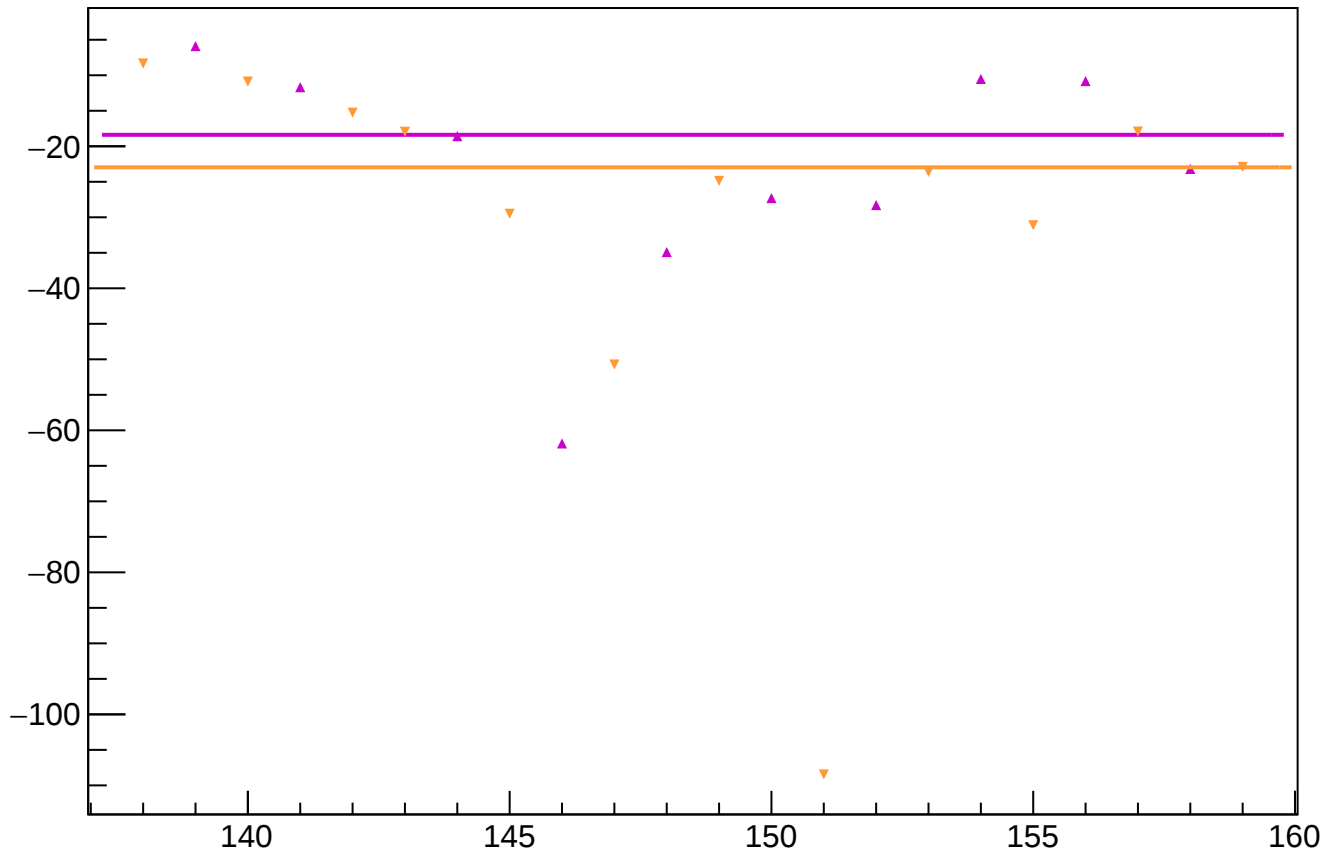
Left In: 0.079 $\pm$ 0.002 χ^2/NDF :1933.4/9

+ sign 0.161 $\pm$ 0.002 χ^2/NDF : 4385.9/28

All: 0.138 $\pm$ 0.002 χ^2/NDF : 8530.0/57

- sign 0.120 $\pm$ 0.002 χ^2/NDF : 3961.1/28

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.962+/-0.075 χ^2/NDF : 50235.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

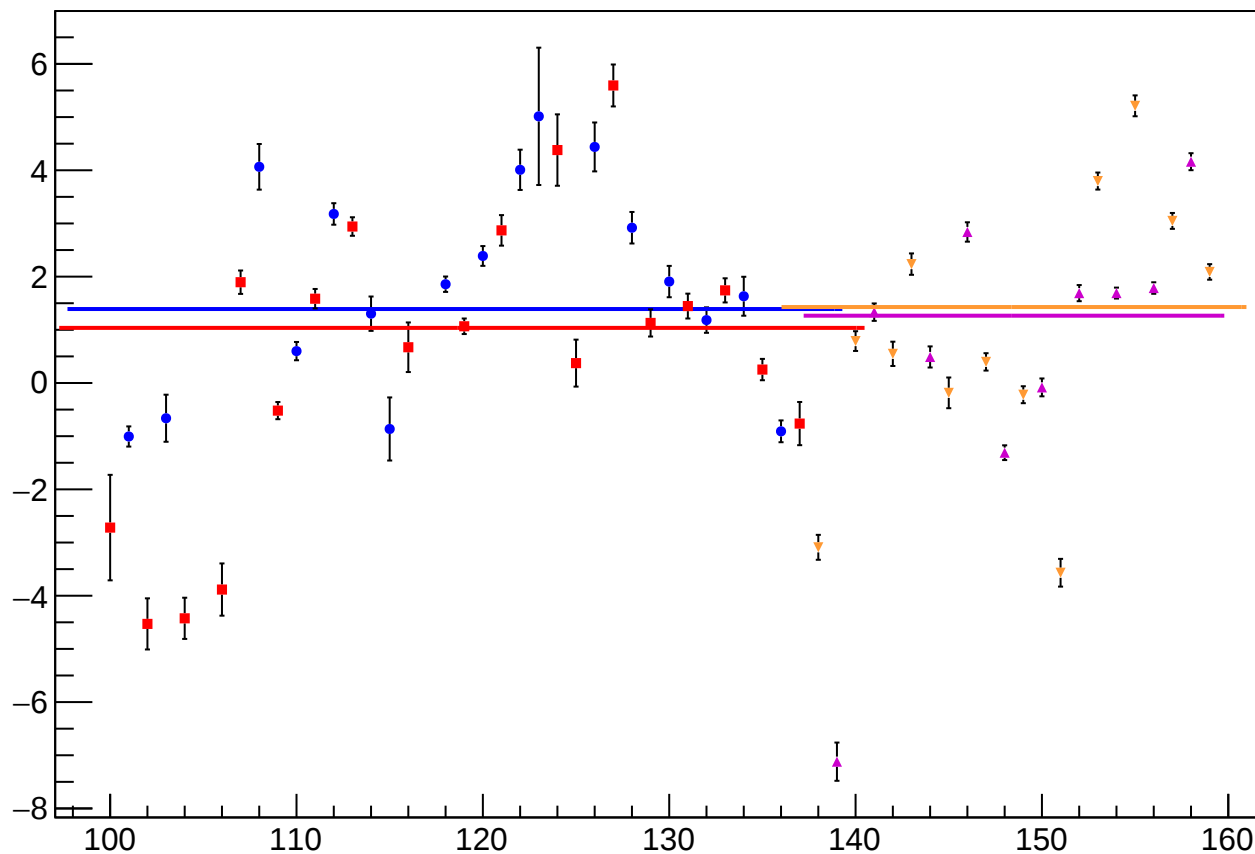
Left In: -18.385+/-0.068 χ^2/NDF : 36445.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.433+/-0.050 χ^2/NDF : 88733.4/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.428 ± 0.053 χ^2/NDF : 1687.4/11

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

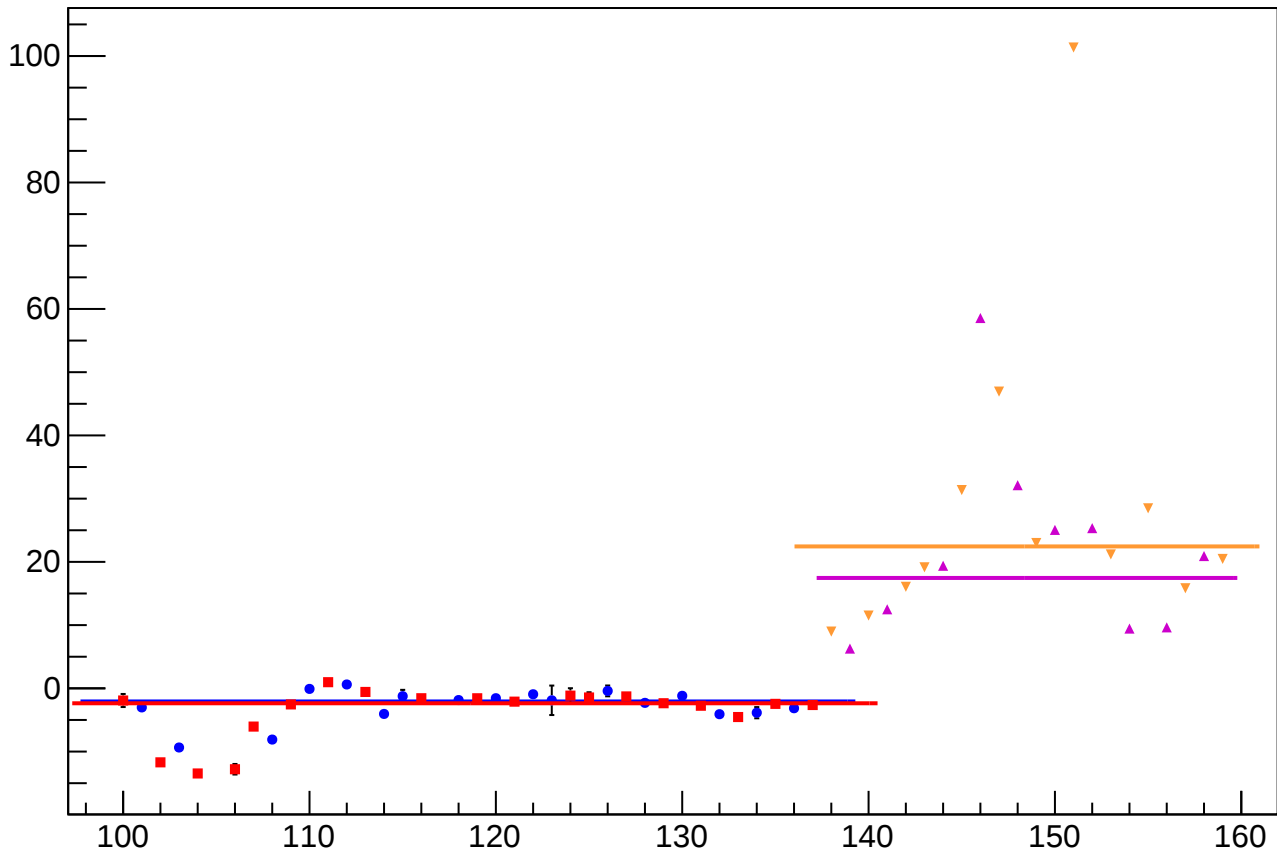
Left In: 1.266 ± 0.047 χ^2/NDF : 1420.8/9

+ sign 1.412 ± 0.040 χ^2/NDF : 2316.8/28

All: 1.282 ± 0.027 χ^2/NDF : 4700.4/57

- sign 1.174 ± 0.037 χ^2/NDF : 2364.4/28

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.444 ± 0.074 χ^2/NDF : 45483.1/11

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

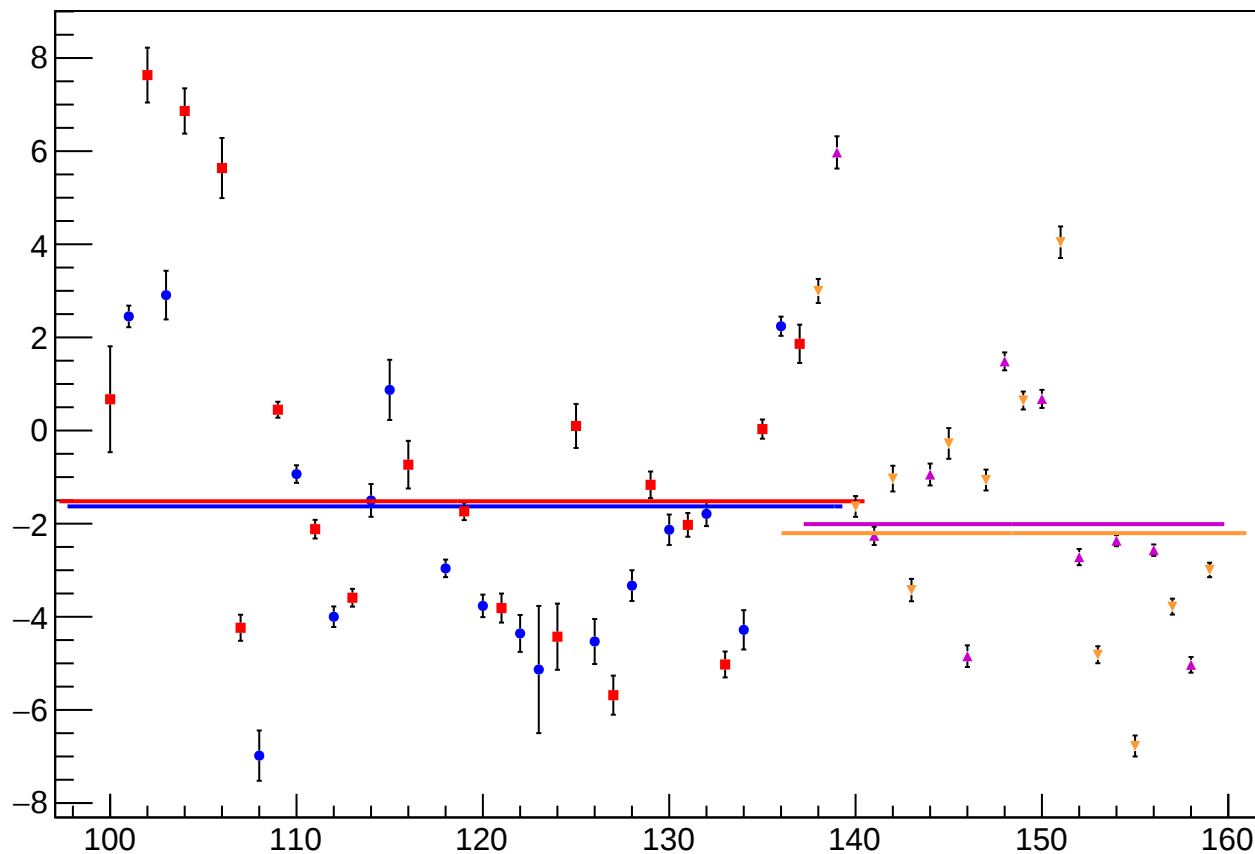
Left In: 17.459 ± 0.065 χ^2/NDF : 34220.7/9

+ sign 14.888 ± 0.061 χ^2/NDF : 80123.0/28

All: 12.946 ± 0.041 χ^2/NDF : 145309.7/57

- sign 11.421 ± 0.054 χ^2/NDF : 63390.0/28

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.204 ± 0.062 χ^2/NDF : 1803.9/11

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

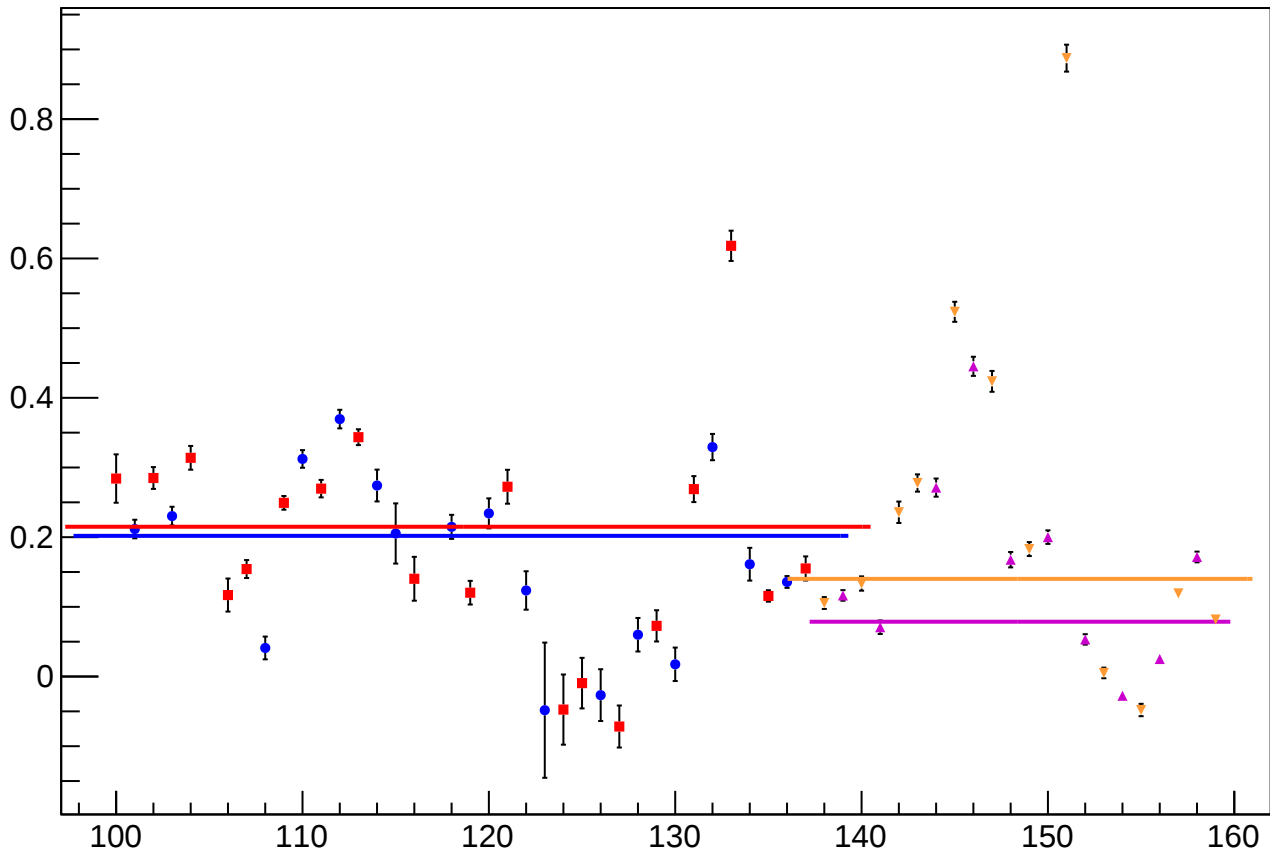
Left In: -2.010 ± 0.055 χ^2/NDF : 1592.4/9

+ sign -1.949 ± 0.047 χ^2/NDF : 3107.6/28

All: -1.870 ± 0.031 χ^2/NDF : 6230.2/57

- sign -1.806 ± 0.042 χ^2/NDF : 3117.4/28

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.202 $\pm$ 0.004 χ^2/NDF : 604.6/16

Left Out: 0.140 $\pm$ 0.003 χ^2/NDF : 3594.4/11

Right Out: 0.215 $\pm$ 0.004 χ^2/NDF : 1005.6/18

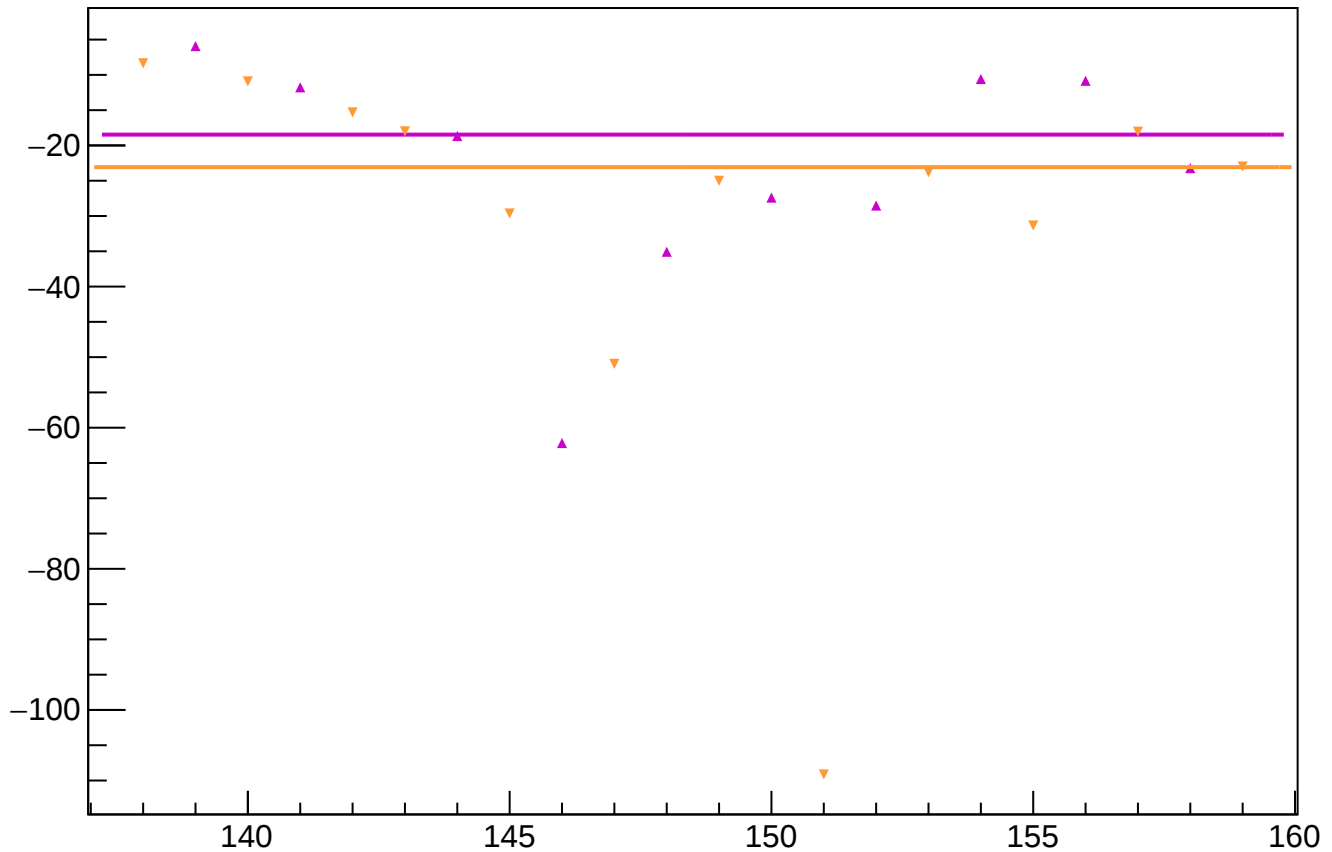
Left In: 0.079 $\pm$ 0.002 χ^2/NDF : 1933.1/9

+ sign 0.160 $\pm$ 0.002 χ^2/NDF : 4353.0/28

All: 0.136 $\pm$ 0.002 χ^2/NDF : 8445.7/57

- sign 0.119 $\pm$ 0.002 χ^2/NDF : 3912.5/28

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.079+/-0.075 χ^2/NDF : 50347.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

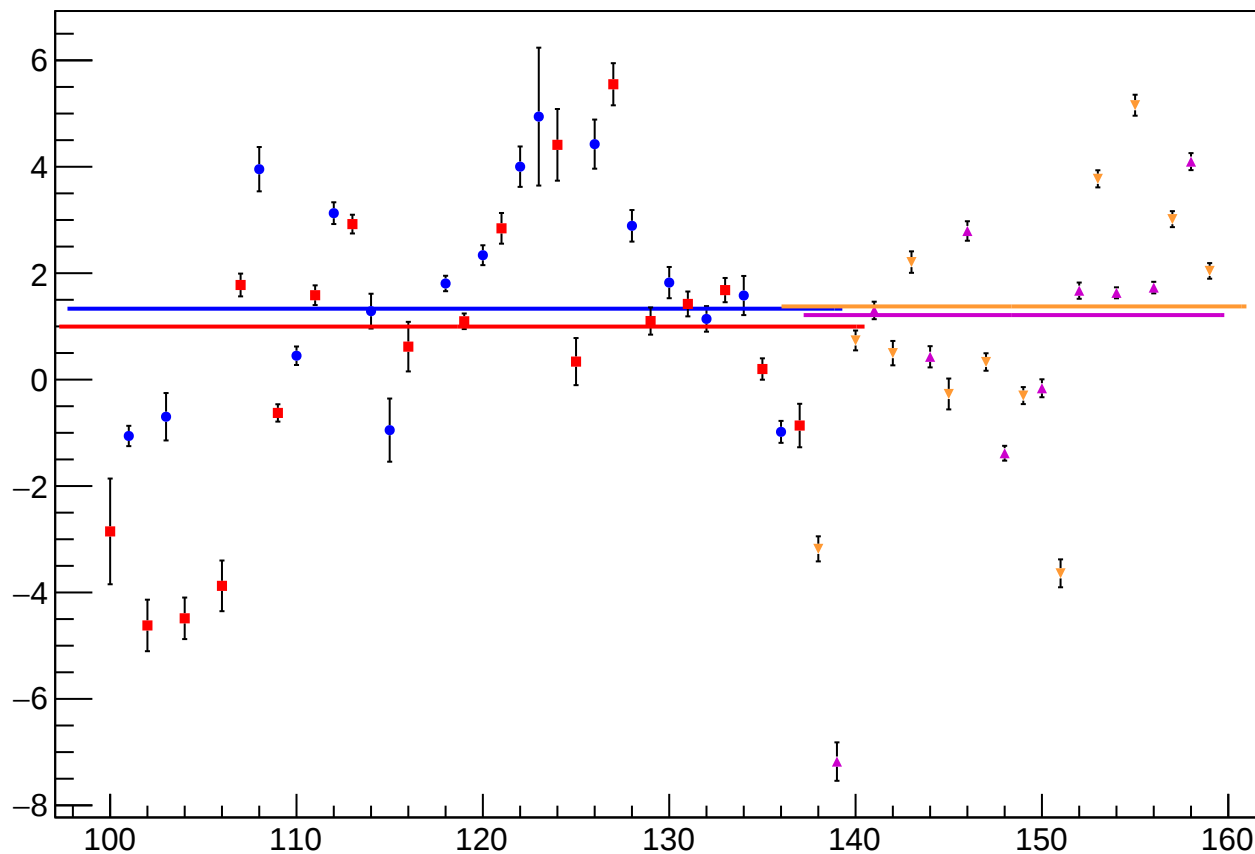
Left In: -18.467+/-0.068 χ^2/NDF : 36525.5/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.529+/-0.050 χ^2/NDF : 88940.7/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.375 ± 0.054 χ^2/NDF : 1695.2/11

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

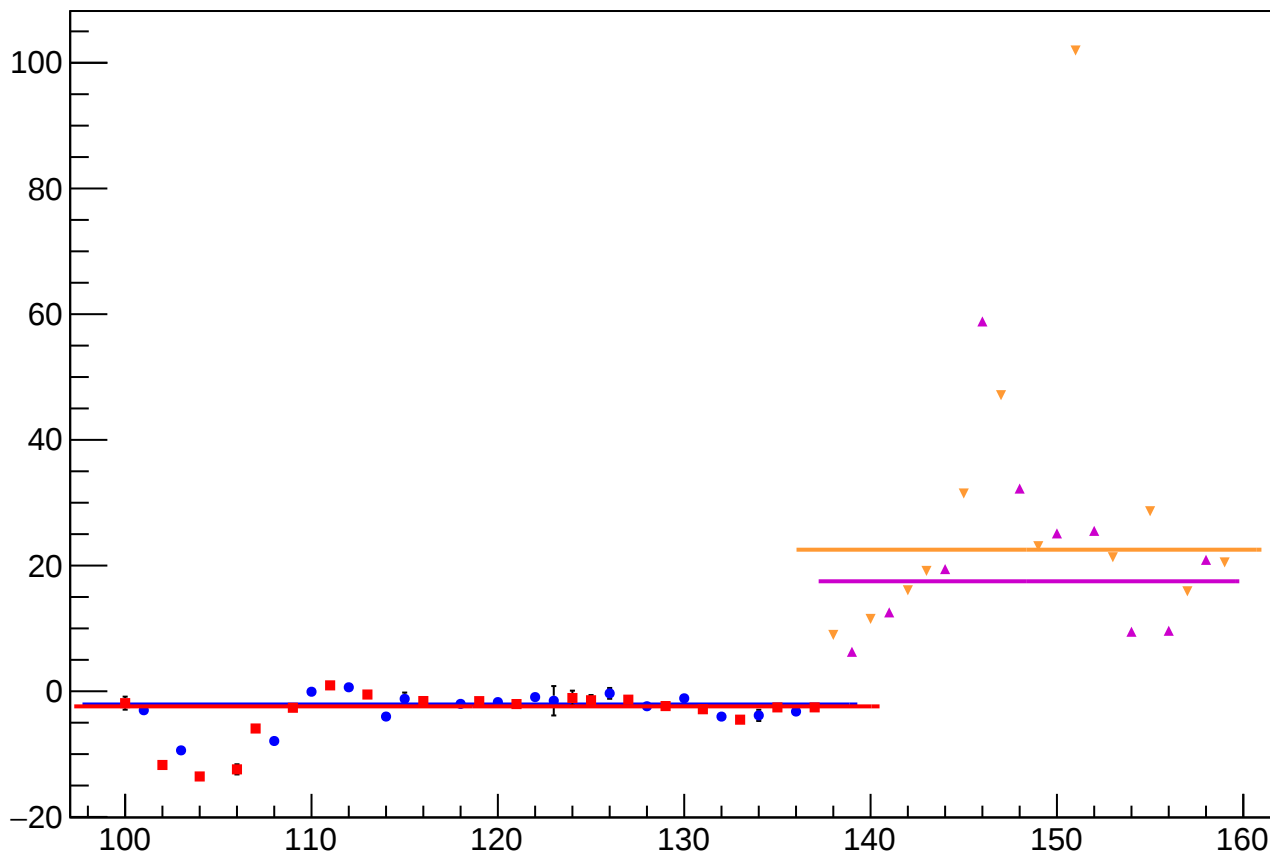
Left In: 1.213 ± 0.047 χ^2/NDF : 1418.1/9

+ sign 1.357 ± 0.040 χ^2/NDF : 2330.0/28

All: 1.231 ± 0.027 χ^2/NDF : 4719.7/57

- sign 1.126 ± 0.037 χ^2/NDF : 2371.7/28

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 22.526 ± 0.074 χ^2/NDF : 45579.0/11

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

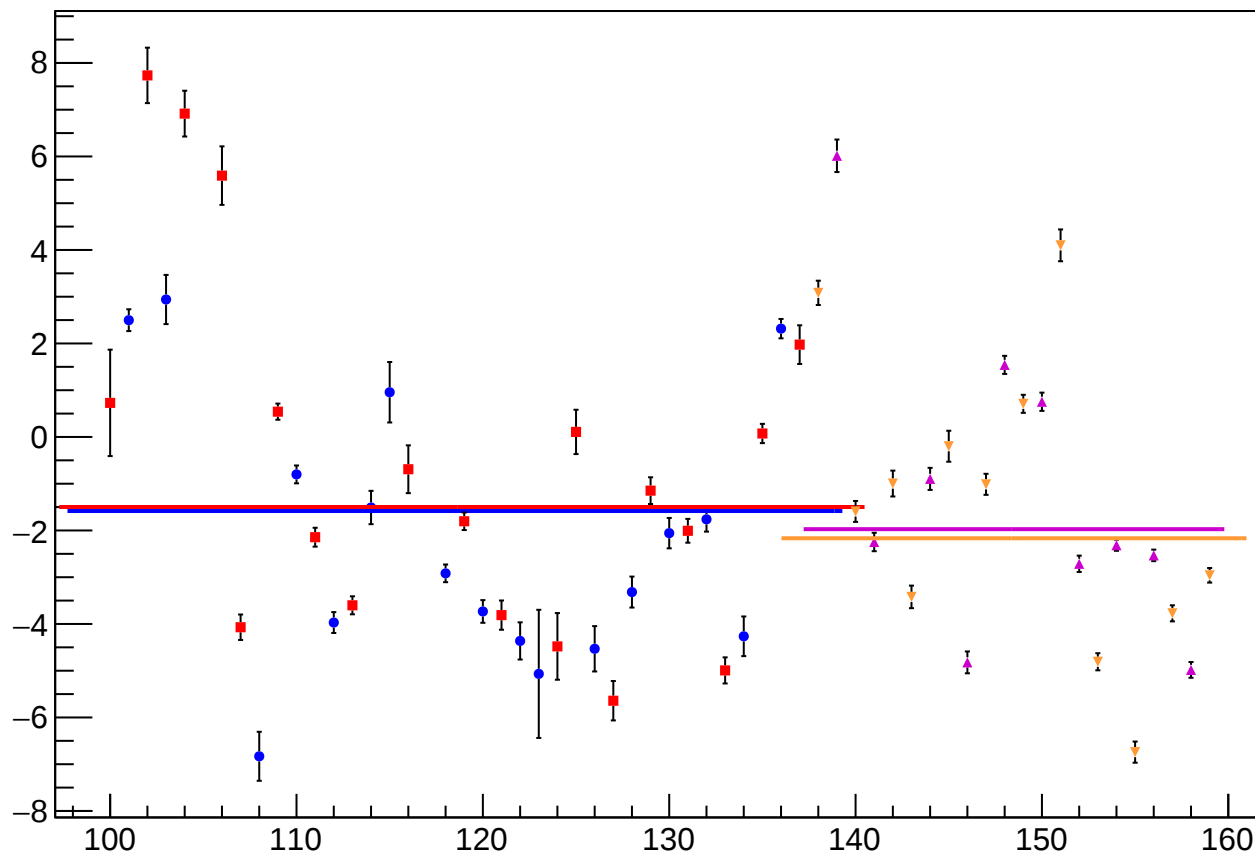
Left In: 17.499 ± 0.065 χ^2/NDF : 34312.0/9

+ sign 14.946 ± 0.062 χ^2/NDF : 80179.2/28

All: 12.985 ± 0.041 χ^2/NDF : 145450.1/57

- sign 11.447 ± 0.054 χ^2/NDF : 63457.4/28

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.167 ± 0.063 χ^2/NDF : 1812.5/11

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

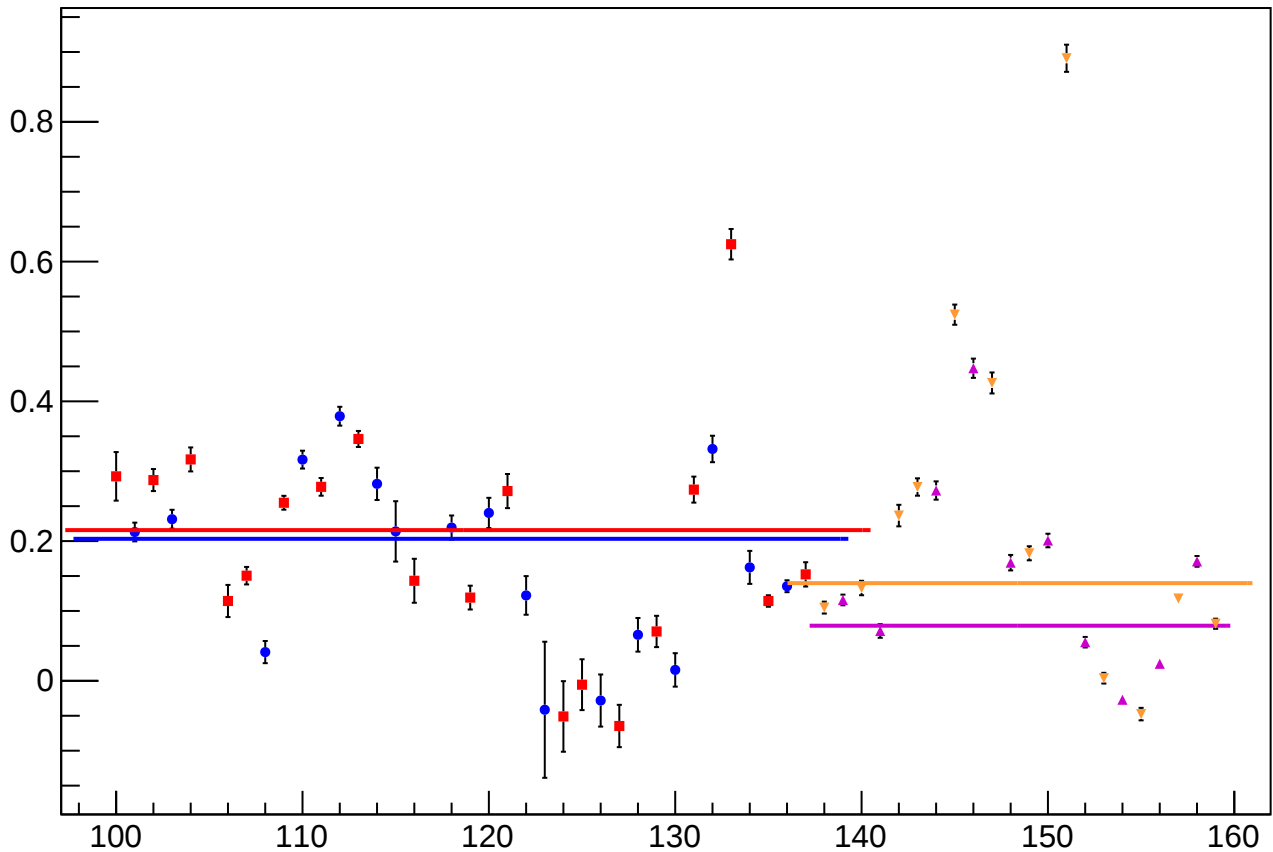
Left In: -1.972 ± 0.055 χ^2/NDF : 1590.8/9

+ sign -1.909 ± 0.047 χ^2/NDF : 3122.8/28

All: -1.835 ± 0.031 χ^2/NDF : 6252.4/57

- sign -1.775 ± 0.042 χ^2/NDF : 3125.0/28

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.203 $\pm$ 0.004 χ^2/NDF : 632.8/16

Left Out: 0.140 $\pm$ 0.003 χ^2/NDF : 3588.1/11

Right Out: 0.216 $\pm$ 0.004 χ^2/NDF : 1037.9/18

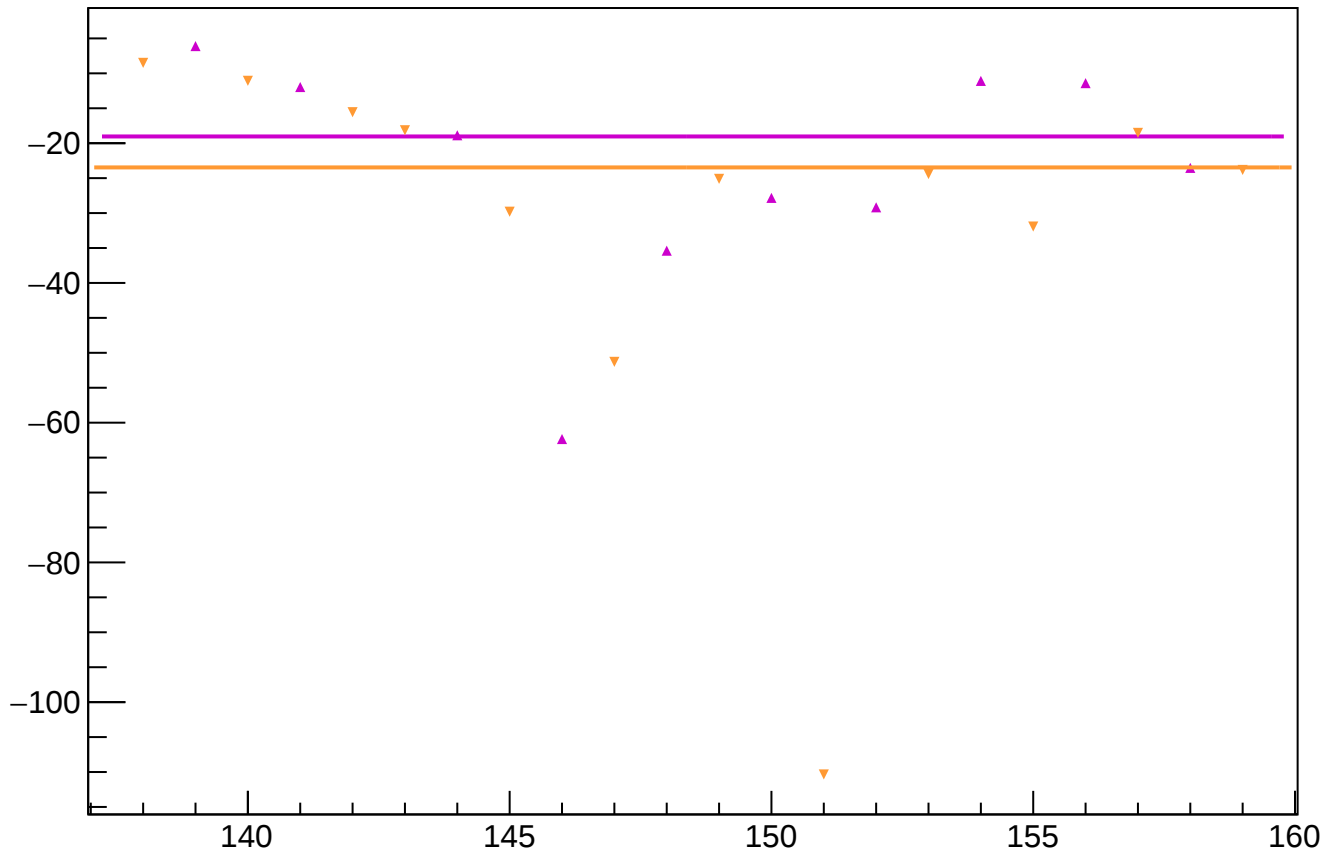
Left In: 0.079 $\pm$ 0.002 χ^2/NDF : 1929.0/9

+ sign 0.160 $\pm$ 0.002 χ^2/NDF : 4382.3/28

All: 0.136 $\pm$ 0.002 χ^2/NDF : 8502.2/57

- sign 0.119 $\pm$ 0.002 χ^2/NDF : 3943.5/28

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.466+/-0.077 χ^2/NDF : 50203.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

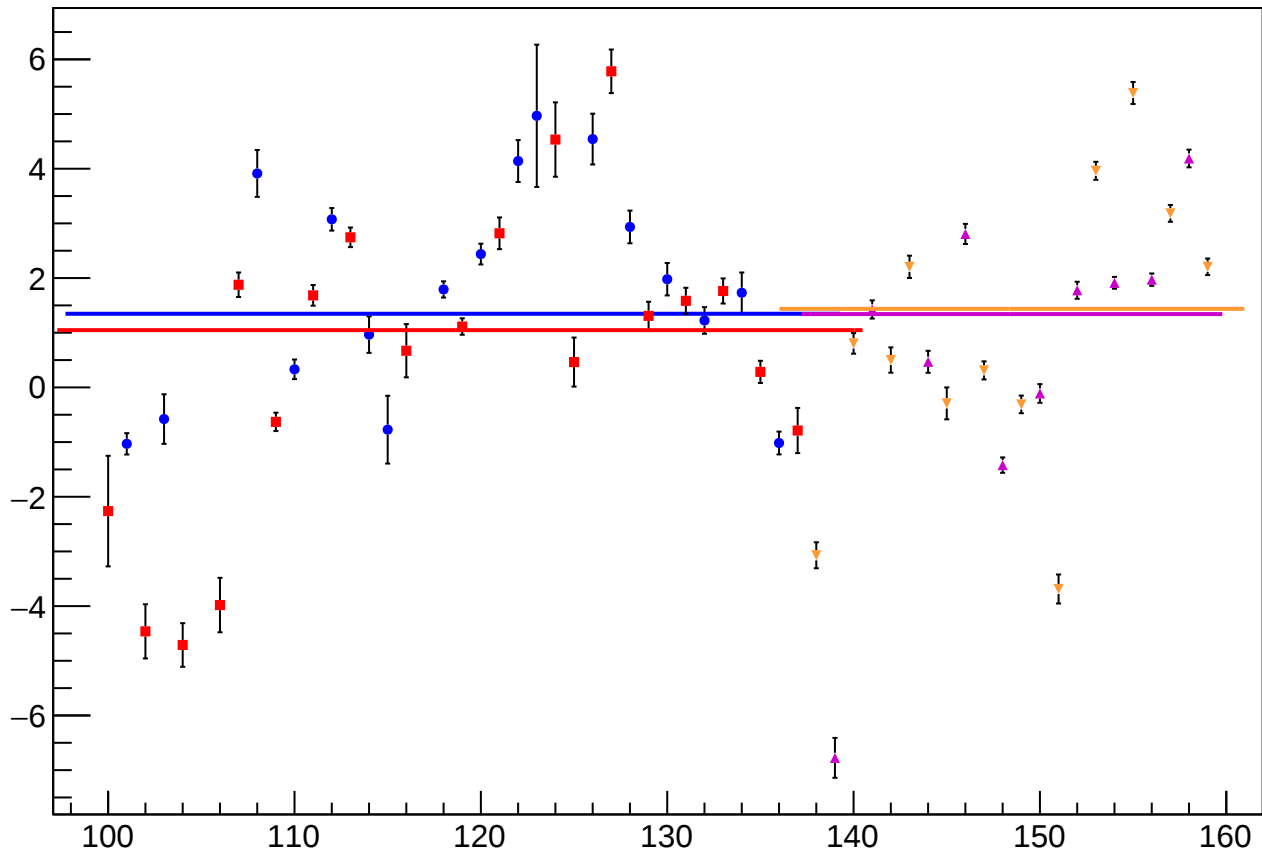
Left In: -19.033+/-0.069 χ^2/NDF : 35482.1/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.031+/-0.051 χ^2/NDF : 87523.6/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.347 $\pm$ 0.062 χ^2/NDF : 630.1/16

Left Out: 1.437 $\pm$ 0.054 χ^2/NDF :1749.6/11

Right Out: 1.047 $\pm$ 0.059 χ^2/NDF : 916.0/18

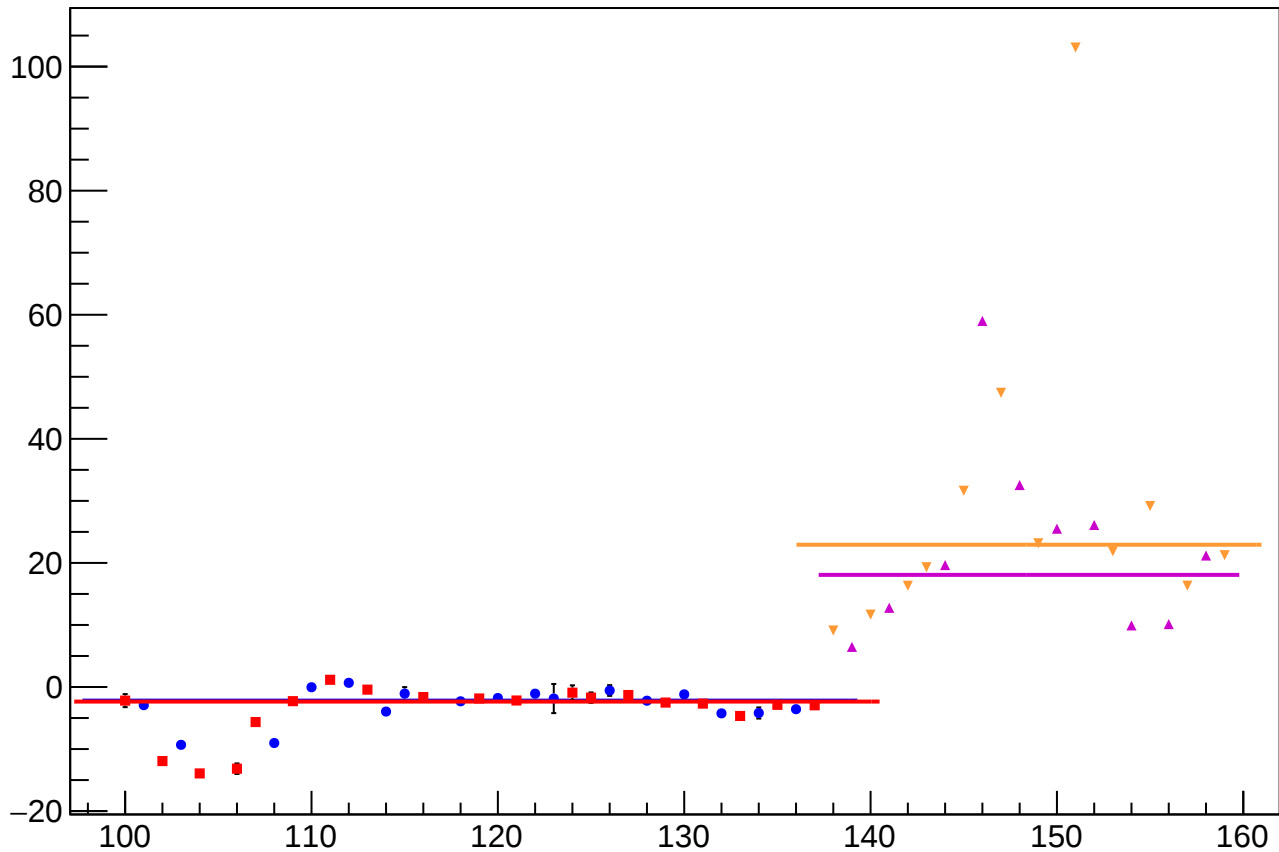
Left In: 1.341 $\pm$ 0.048 χ^2/NDF :1411.0/9

+ sign 1.398 $\pm$ 0.041 χ^2/NDF : 2380.9/28

All: 1.303 $\pm$ 0.028 χ^2/NDF : 4732.6/57

- sign 1.223 $\pm$ 0.037 χ^2/NDF : 2341.8/28

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 22.935 ± 0.075 $\chi^2/\text{NDF}: 45316.4/11$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

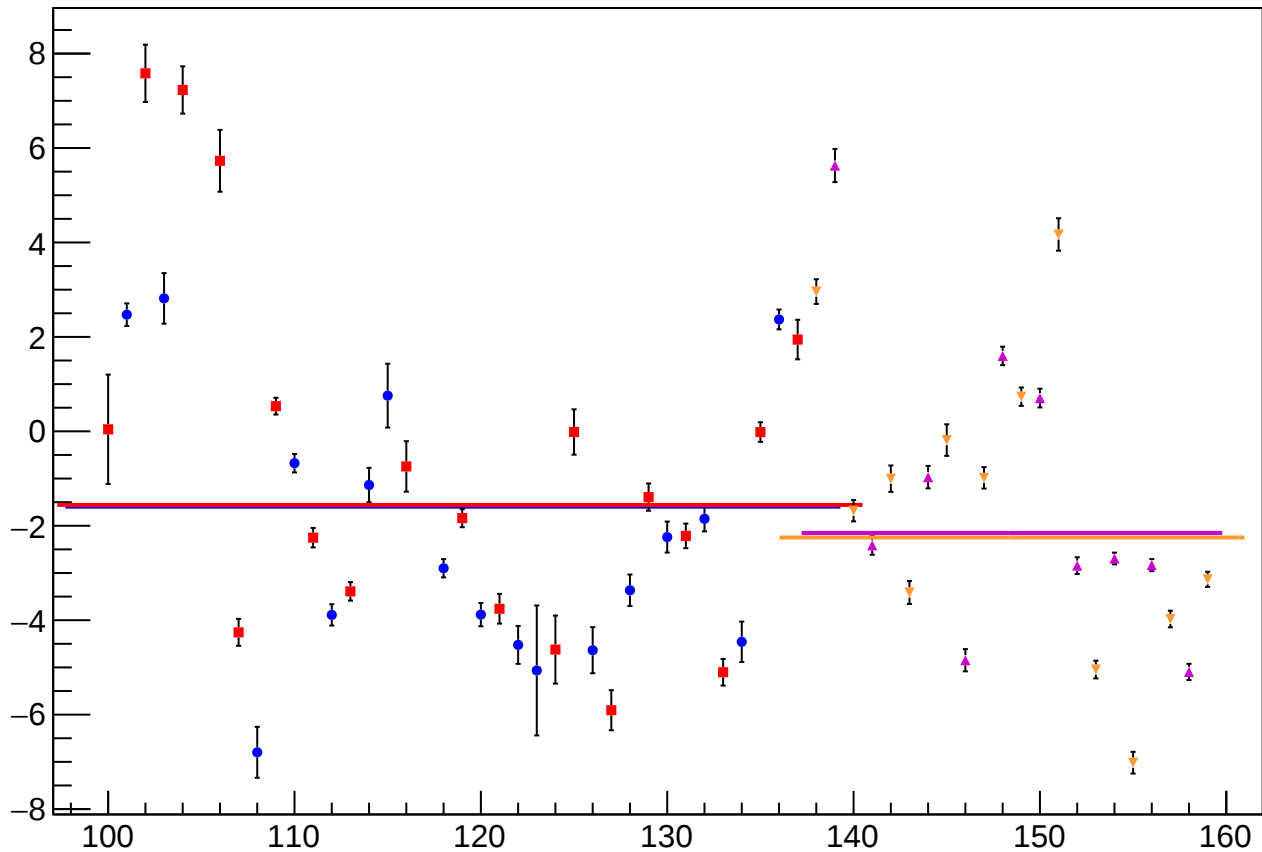
Left In: 18.073 ± 0.067 $\chi^2/\text{NDF}: 33173.5/9$

+ sign 15.213 ± 0.063 $\chi^2/\text{NDF}: 80126.2/28$

All: 13.331 ± 0.042 $\chi^2/\text{NDF}: 144300.3/57$

- sign 11.837 ± 0.056 $\chi^2/\text{NDF}: 62550.8/28$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.248 ± 0.064 χ^2/NDF : 1873.5/11

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

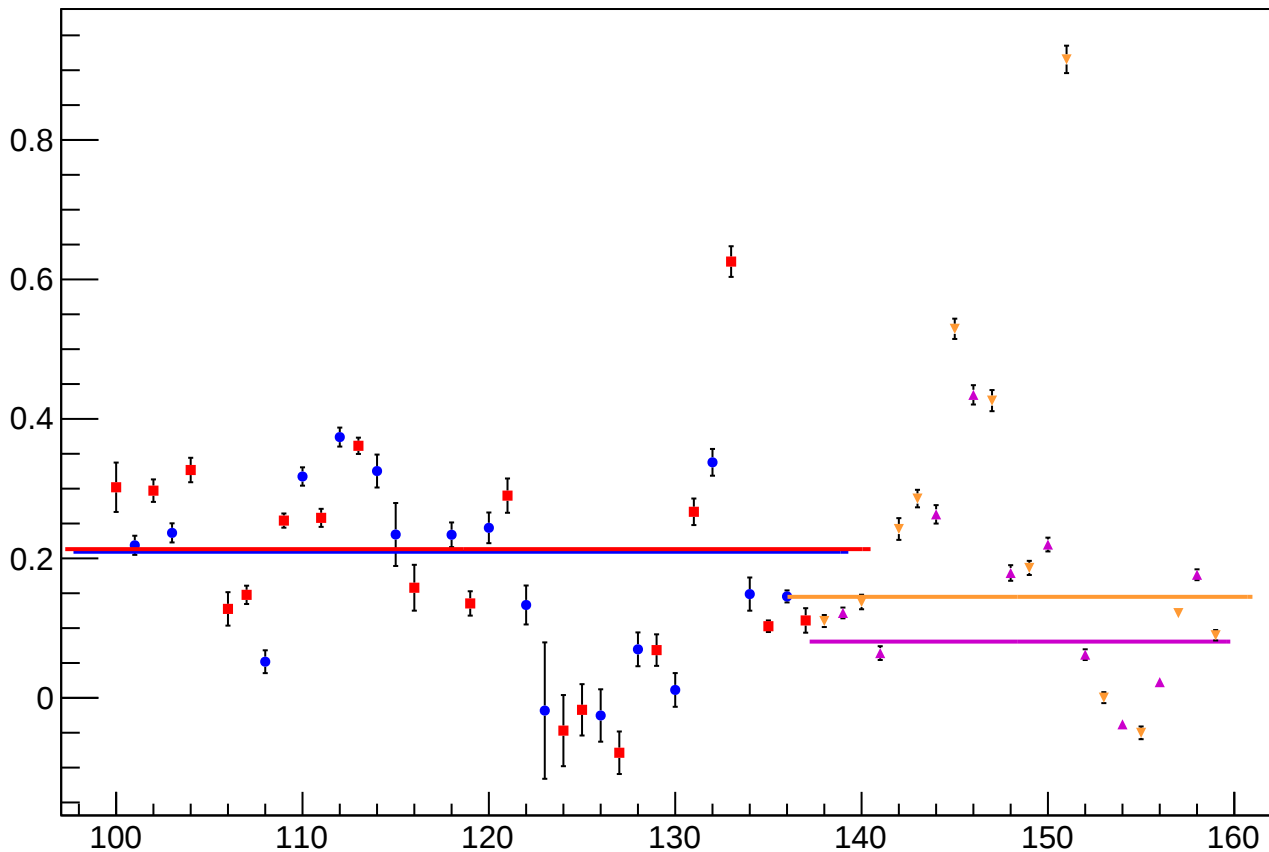
Left In: -2.152 ± 0.057 χ^2/NDF : 1584.6/9

+ sign -1.960 ± 0.048 χ^2/NDF : 3175.1/28

All: -1.929 ± 0.032 χ^2/NDF : 6270.2/57

- sign -1.904 ± 0.043 χ^2/NDF : 3094.3/28

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.145 $\pm$ 0.003 χ^2 /NDF: 3638.7/11

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

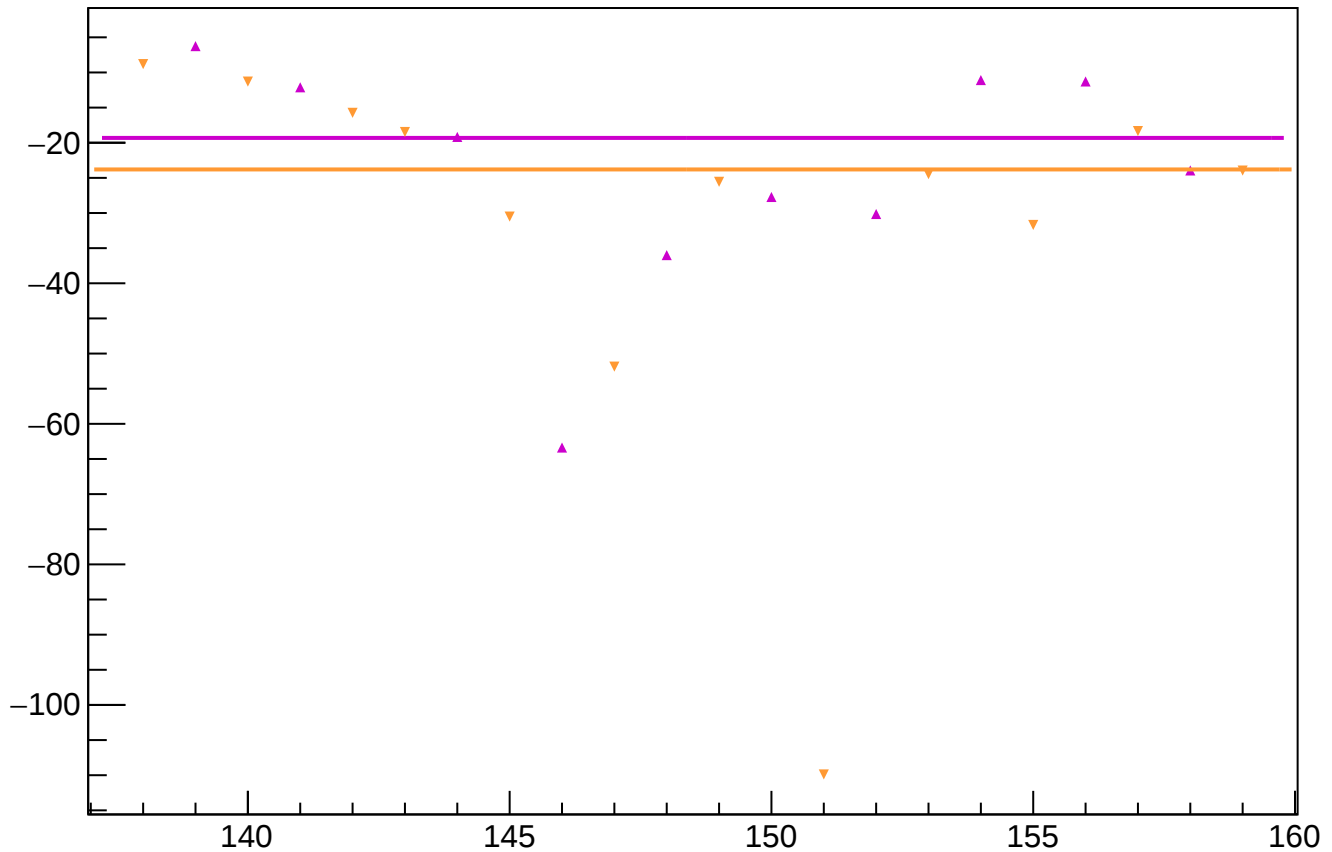
Left In: 0.081 $\pm$ 0.002 χ^2 /NDF: 1978.6/9

+ sign 0.165 $\pm$ 0.002 χ^2 /NDF: 4398.3/28

All: 0.139 $\pm$ 0.002 χ^2 /NDF: 8567.6/57

- sign 0.120 $\pm$ 0.002 χ^2 /NDF: 3959.6/28

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.801+/-0.078 χ^2/NDF :49496.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

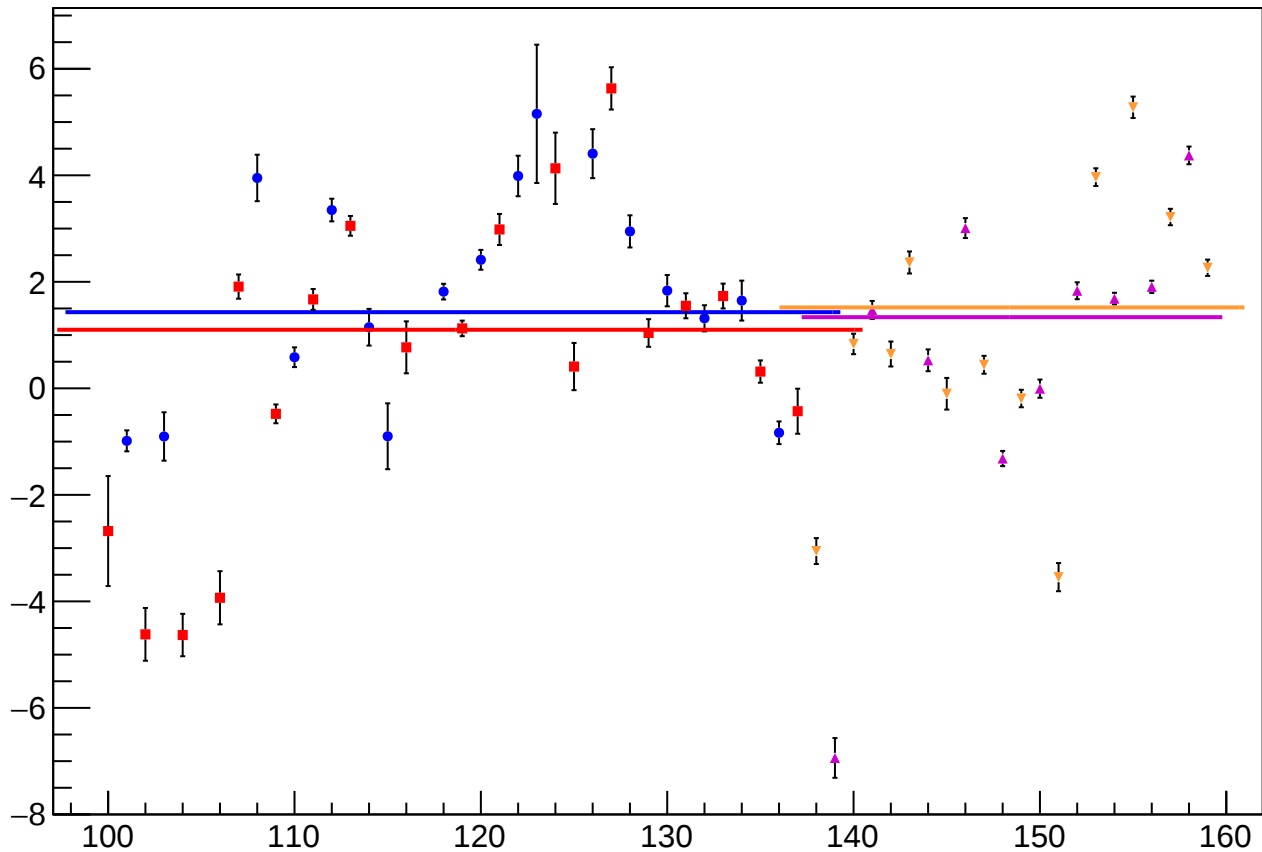
Left In: -19.313+/-0.071 χ^2/NDF :35765.2/9

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.345+/-0.052 χ^2/NDF : 87088.1/21

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 1.519 ± 0.055 χ^2/NDF : 1653.2/11

Right Out: 1.100 ± 0.060 χ^2/NDF : 901.0/18

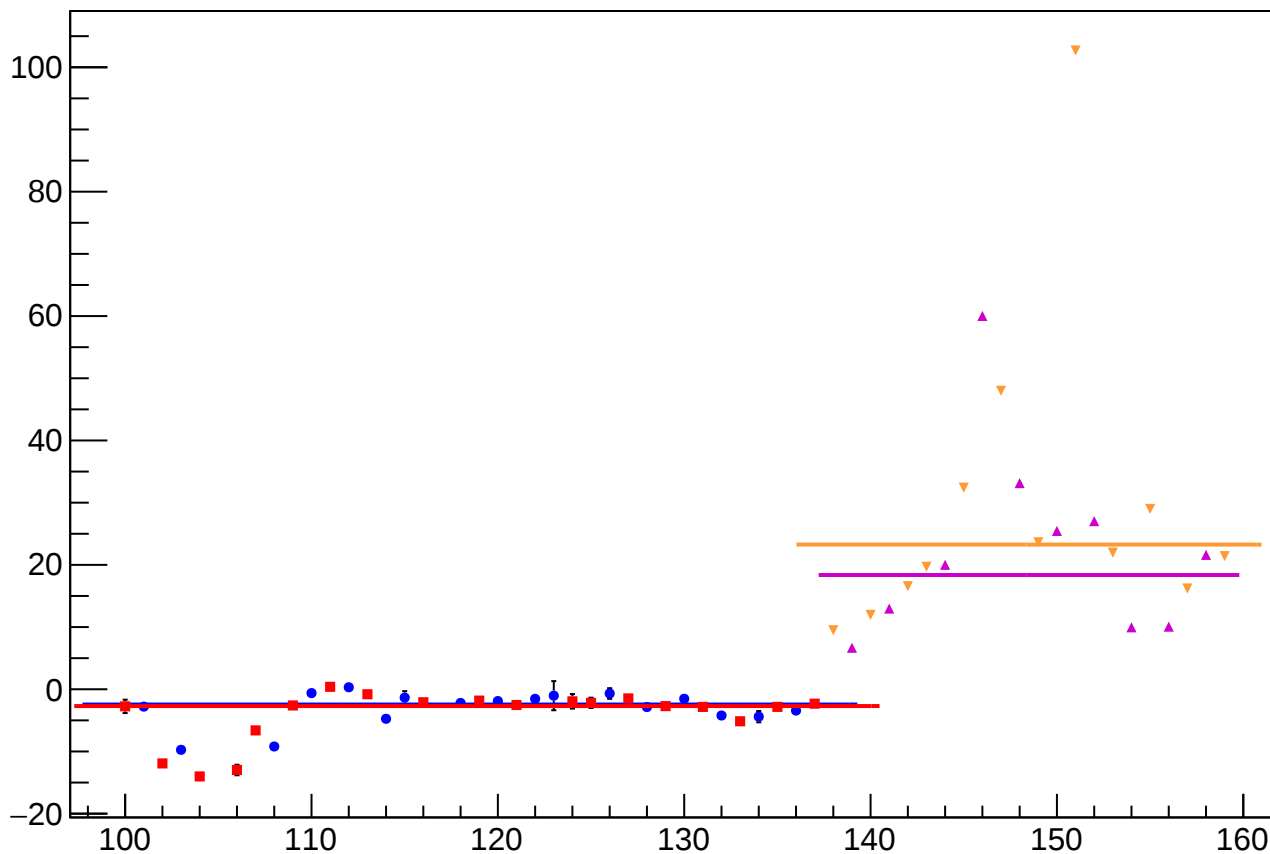
Left In: 1.336 ± 0.049 χ^2/NDF : 1374.1/9

+ sign 1.481 ± 0.041 χ^2/NDF : 2252.4/28

All: 1.351 ± 0.028 χ^2/NDF : 4555.0/57

- sign 1.241 ± 0.038 χ^2/NDF : 2284.5/28

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 23.261 ± 0.076 χ^2/NDF : 44800.8/11

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

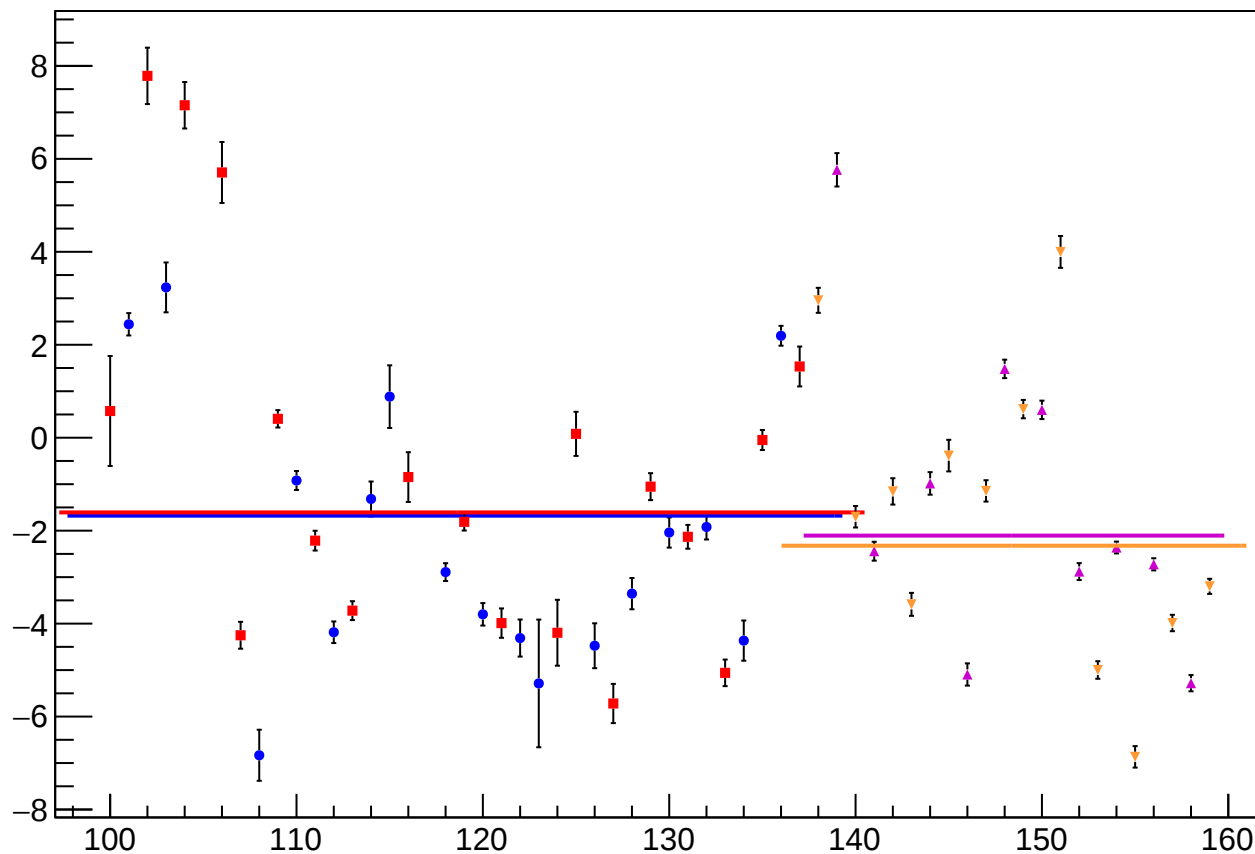
Left In: 18.370 ± 0.068 χ^2/NDF : 33469.0/9

+ sign 15.385 ± 0.063 χ^2/NDF : 80181.3/28

All: 13.492 ± 0.042 χ^2/NDF : 145177.4/57

- sign 11.971 ± 0.057 χ^2/NDF : 63387.6/28

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.677 $\pm$ 0.072 χ^2/NDF : 1204.7/16

Left Out: -2.324 $\pm$ 0.065 χ^2/NDF : 1760.3/11

Right Out: -1.607 $\pm$ 0.068 χ^2/NDF : 1430.8/18

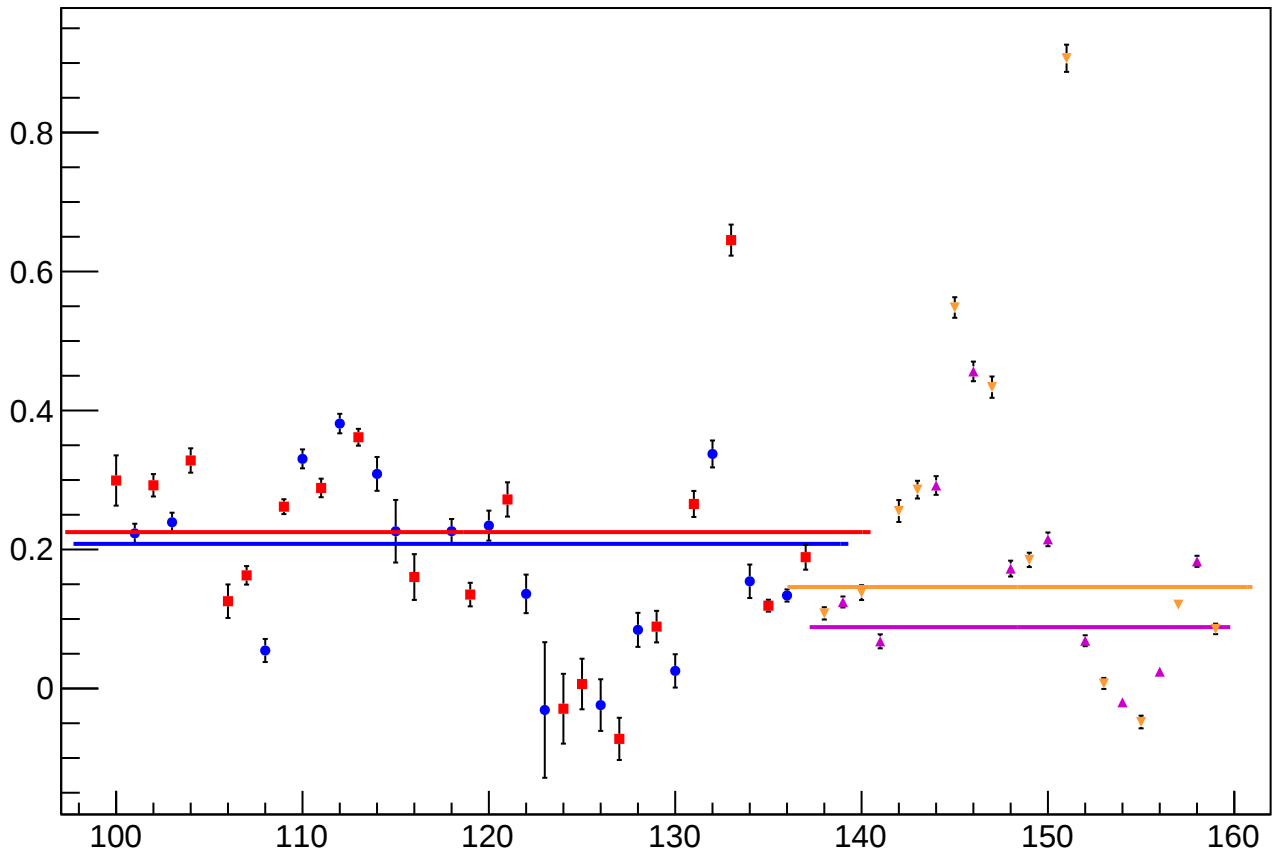
Left In: -2.106 $\pm$ 0.058 χ^2/NDF : 1547.8/9

+ sign -2.037 $\pm$ 0.048 χ^2/NDF : 3009.4/28

All: -1.961 $\pm$ 0.032 χ^2/NDF : 6024.0/57

- sign -1.897 $\pm$ 0.044 χ^2/NDF : 3009.9/28

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.208 $\pm$ 0.004 χ^2/NDF : 600.2/16

Left Out: 0.146 $\pm$ 0.003 χ^2/NDF : 3639.0/11

Right Out: 0.225 $\pm$ 0.004 χ^2/NDF : 1000.0/18

Left In: 0.088 $\pm$ 0.002 χ^2/NDF : 1889.3/9

+ sign 0.166 $\pm$ 0.002 χ^2/NDF : 4384.7/28

All: 0.145 $\pm$ 0.002 χ^2/NDF : 8305.5/57

- sign 0.129 $\pm$ 0.002 χ^2/NDF : 3786.2/28