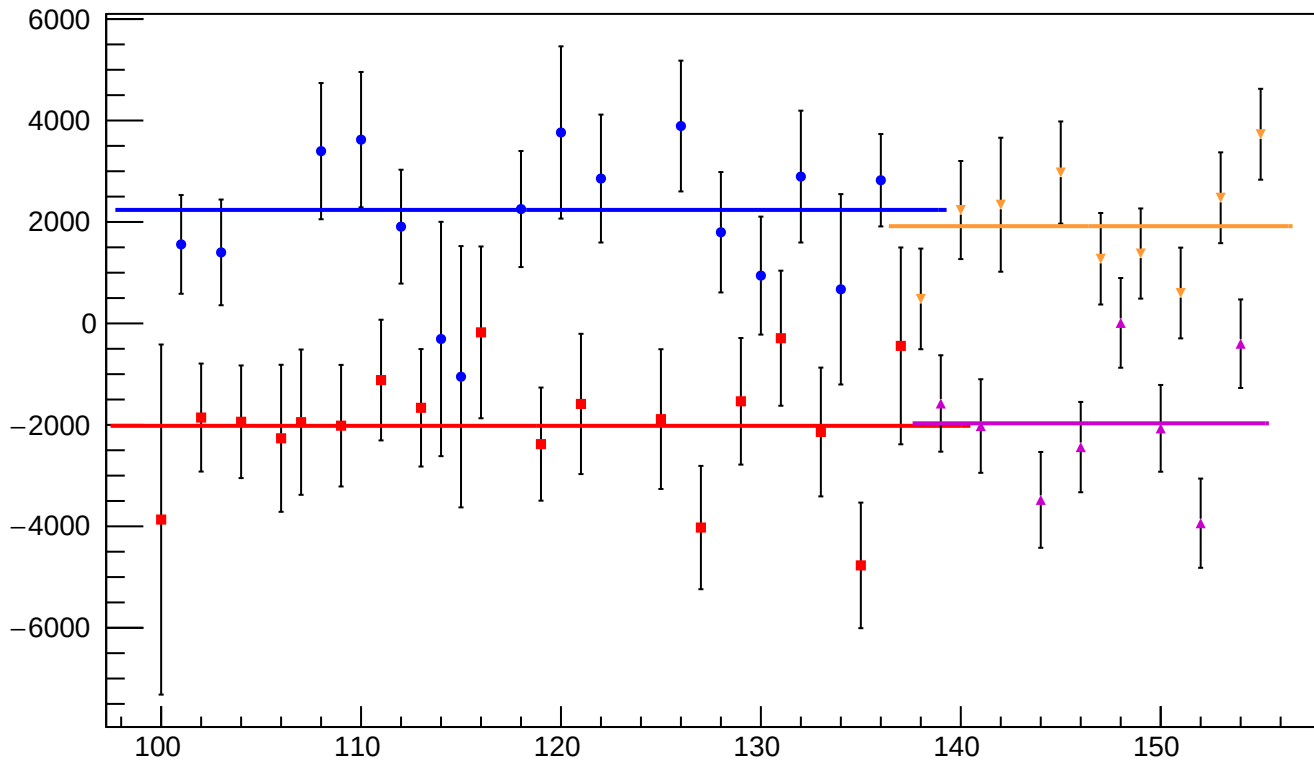


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

Left Out: 1917.525+/-318.073

χ^2/NDF : 10.9/8

Right Out: -2018.625+/-308.362

χ^2/NDF : 12.6/17

Left In: -1969.022+/-317.555

χ^2/NDF : 16.3/7

+ sign 2079.464+/-223.689

χ^2/NDF : 22.8/24

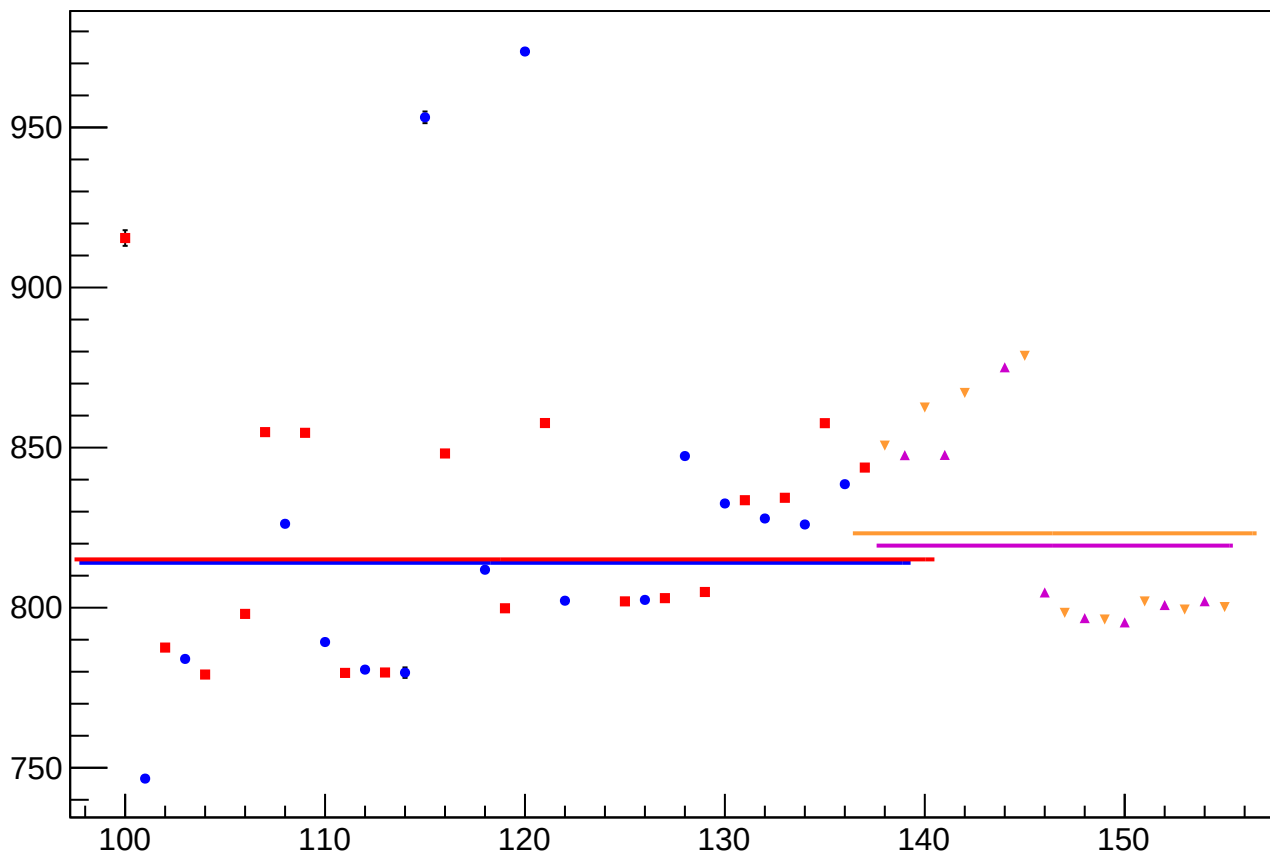
All: 19.883+/-157.293

χ^2/NDF : 219.3/50

- sign -1994.552+/-221.223

χ^2/NDF : 28.9/25

dit_asym_us_avg_rms vs Slug



Right In: 814.021+/-0.222 χ^2/NDF : 42041.6/15

Left Out: 823.227+/-0.225 χ^2/NDF : 20311.6/8

Right Out: 815.084+/-0.218 χ^2/NDF : 19959.3/17

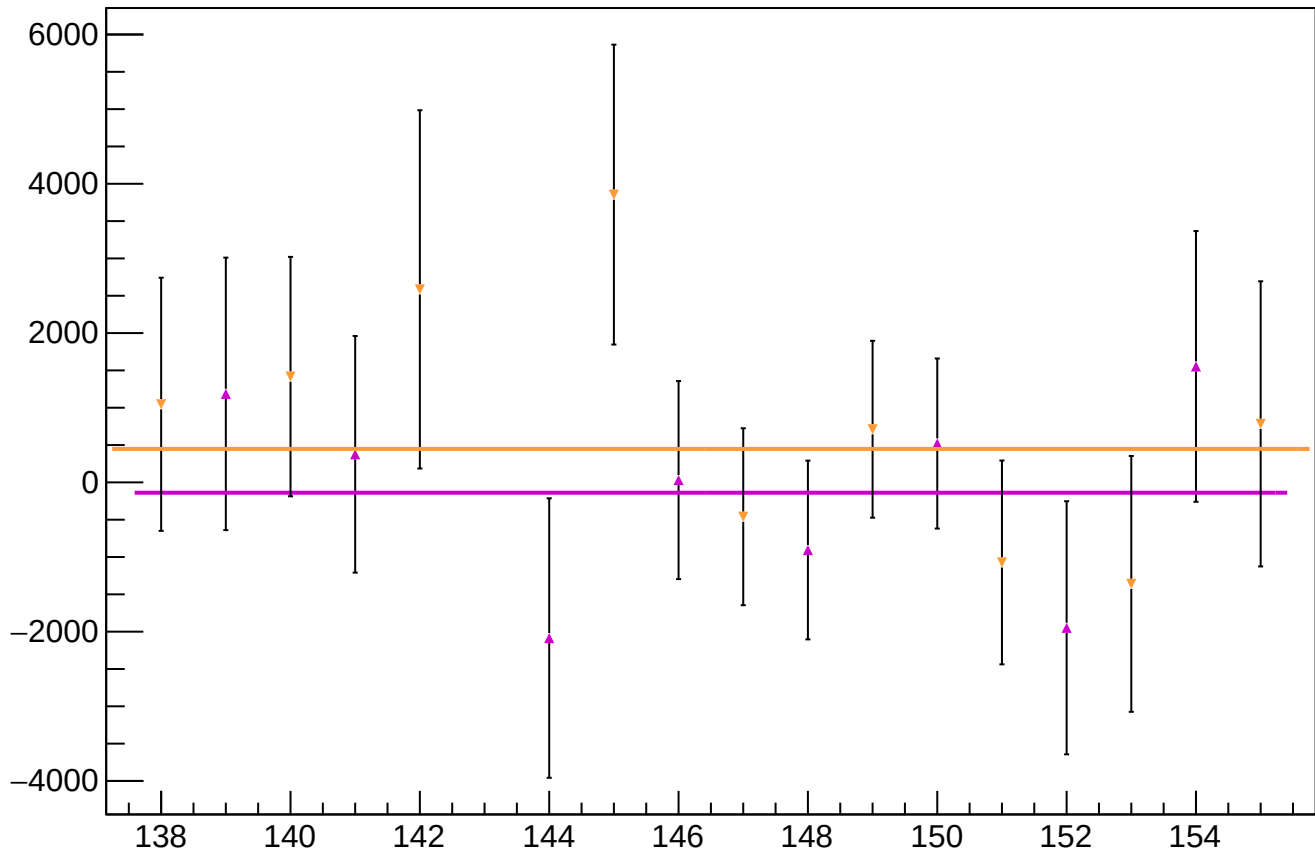
Left In: 819.390+/-0.225 χ^2/NDF : 15714.5/7

+ sign 818.574+/-0.158 χ^2/NDF : 63200.1/24

All: 817.866+/-0.111 χ^2/NDF : 99102.7/50

- sign 817.174+/-0.156 χ^2/NDF : 35863.0/25

asym_us_avg_correction_mean vs Slug



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

Left Out: 448.532+/-517.517 χ^2/NDF : 7.2/8

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

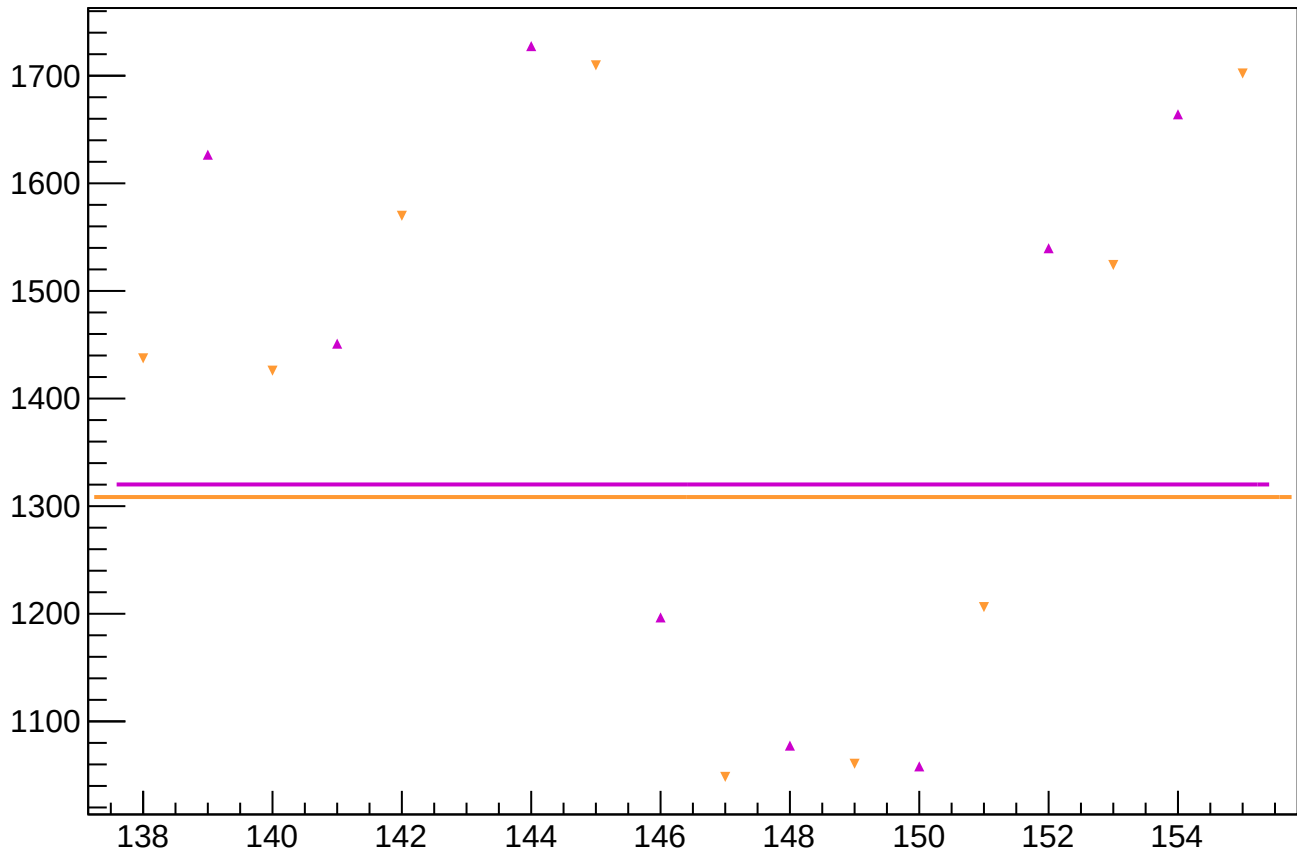
Left In: -138.696+/-521.872 χ^2/NDF : 4.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.378+/-367.470 χ^2/NDF : 12.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_correction_rms vs Slug



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

Left Out: 1308.472+/-0.366 χ^2/NDF : 437453.5/8

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

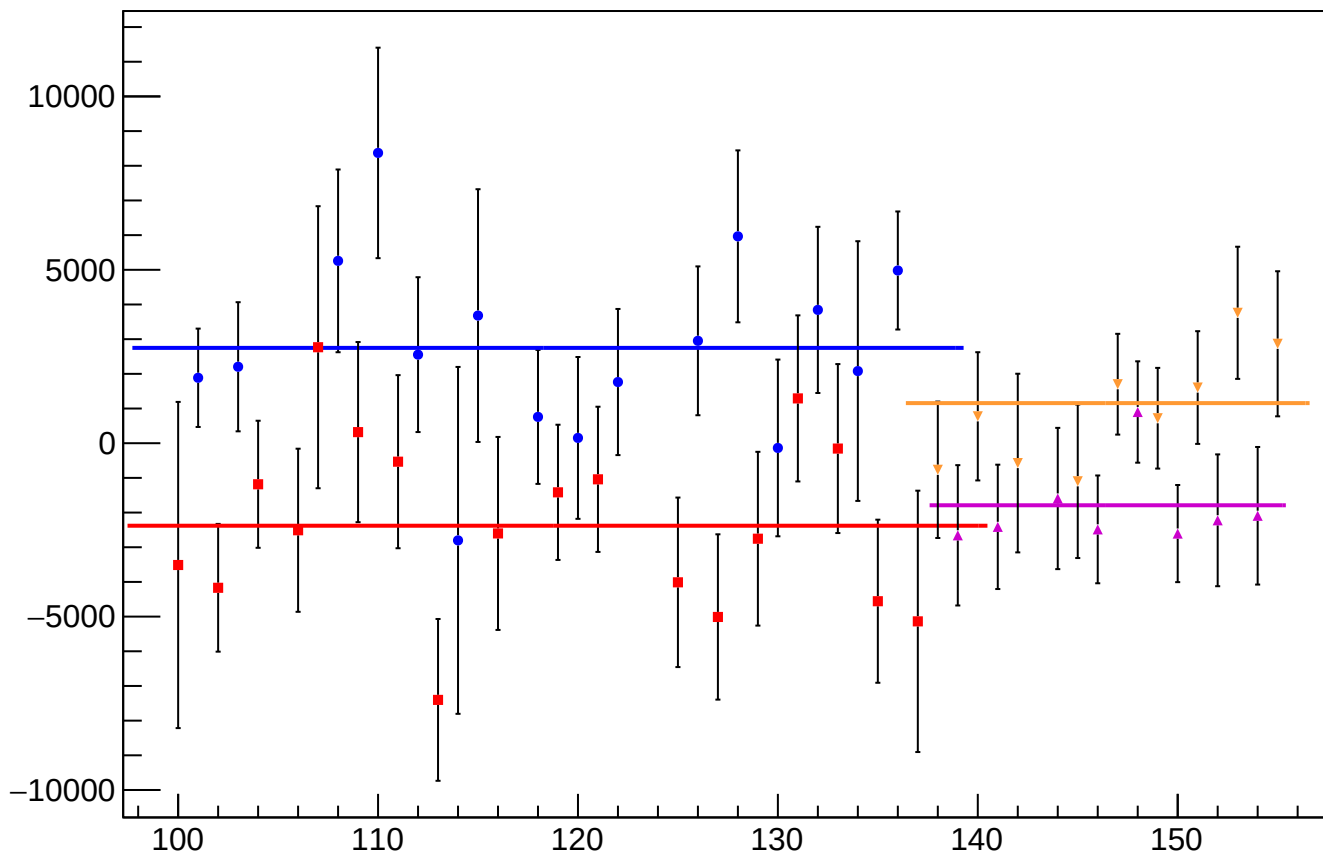
Left In: 1320.164+/-0.369 χ^2/NDF : 475474.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.269+/-0.260 χ^2/NDF : 913434.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



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

Left Out: 1156.269 $\pm$ 604.514 χ^2 /NDF: 5.3/8

Right Out: -2379.450 $\pm$ 568.967 χ^2 /NDF: 16.2/17

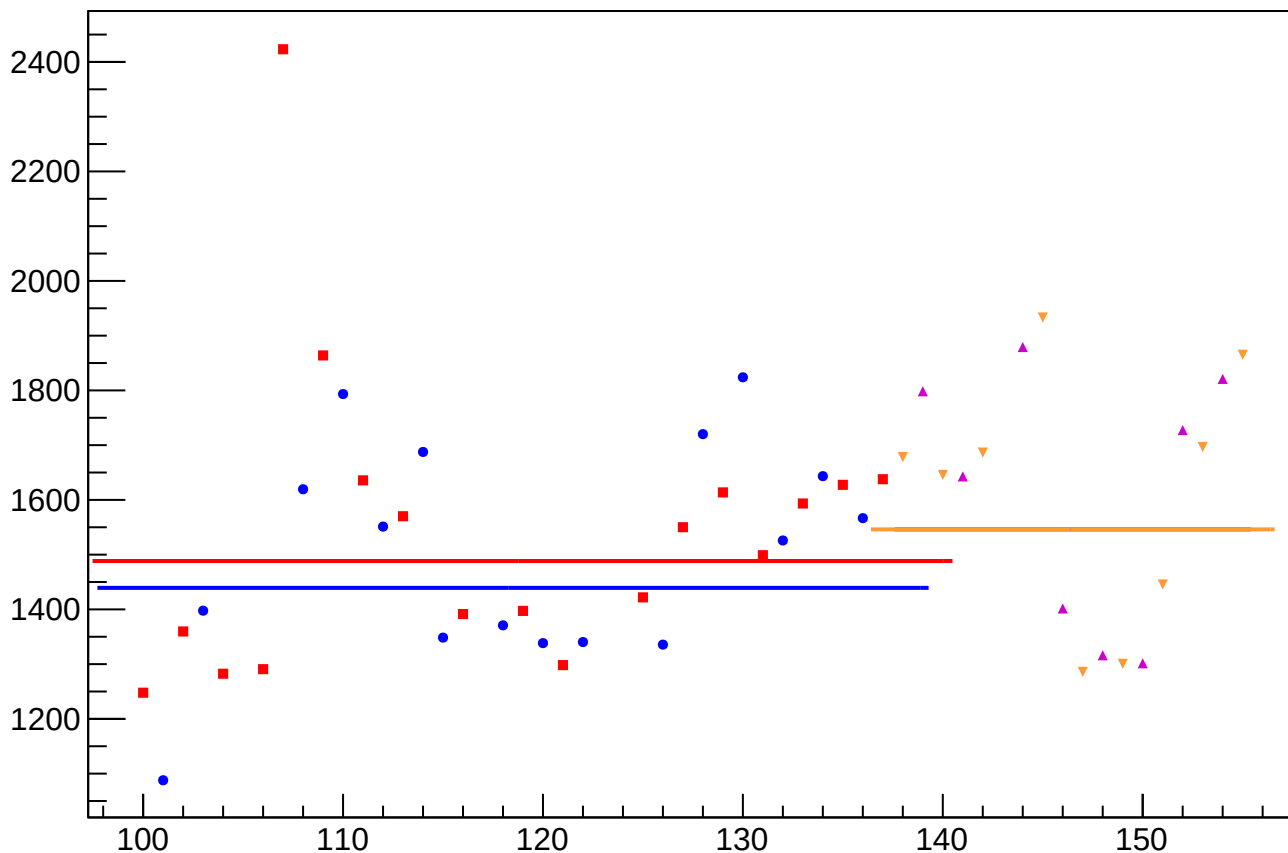
Left In: -1789.677 $\pm$ 606.426 χ^2 /NDF: 4.3/7

+ sign 2009.157 $\pm$ 411.974 χ^2 /NDF: 22.6/24

All: -32.385 $\pm$ 292.350 χ^2 /NDF: 93.1/50

- sign -2103.340 $\pm$ 414.931 χ^2 /NDF: 21.0/25

asym_us_avg_rms vs Slug



Right In: 1439.332+/-0.398 χ^2 /NDF: 277860.8/15

Left Out: 1546.116+/-0.427 χ^2 /NDF: 269957.6/8

Right Out: 1488.384+/-0.402 χ^2 /NDF: 256324.7/17

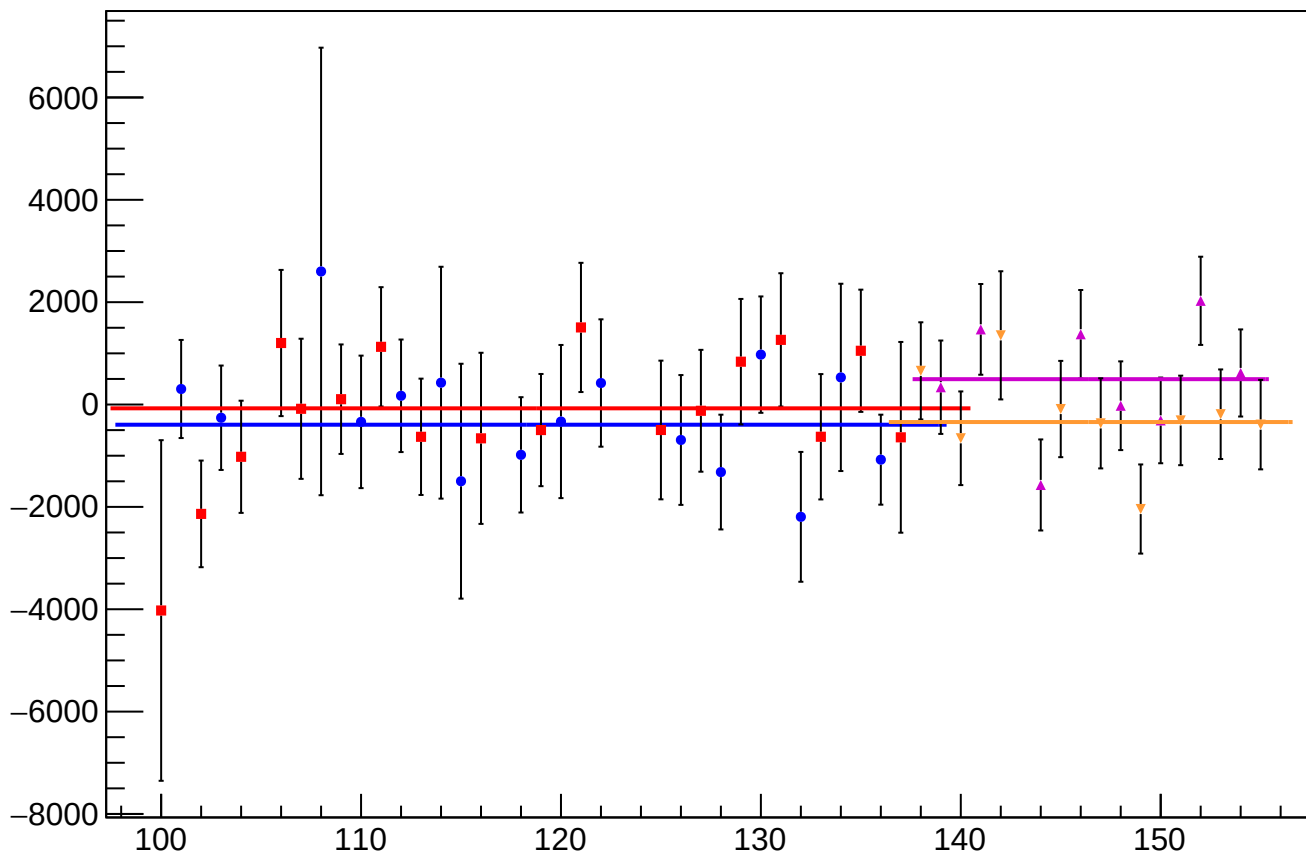
Left In: 1546.138+/-0.429 χ^2 /NDF: 274816.0/7

+ sign 1488.927+/-0.291 χ^2 /NDF: 581241.3/24

All: 1502.080+/-0.207 χ^2 /NDF: 1126136.1/50

- sign 1515.422+/-0.293 χ^2 /NDF: 540788.2/25

dit_asym_us_dd_mean vs Slug



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

Left Out: -341.999+/-307.106 χ^2/NDF : 7.0/8

Right Out: -74.289+/-298.398 χ^2/NDF : 12.9/17

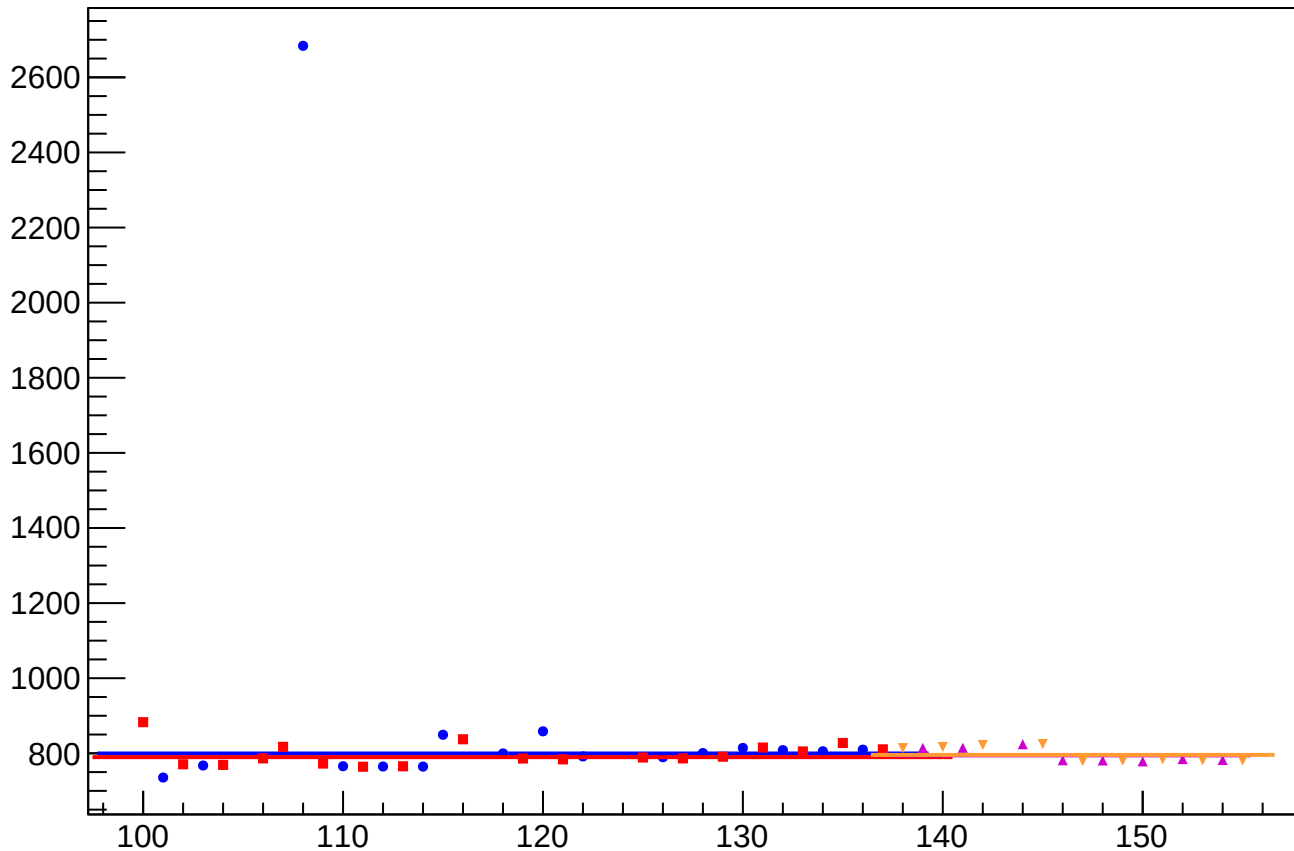
Left In: 495.541+/-307.735 χ^2/NDF : 12.1/7

+ sign -367.669+/-219.271 χ^2/NDF : 14.4/24

All: -76.280+/-153.232 χ^2/NDF : 44.7/50

- sign 201.850+/-214.224 χ^2/NDF : 26.8/25

dit_asym_us_dd_rms vs Slug



Right In: 799.537 $\pm$ 0.221 χ^2 /NDF: 391185.9/15

Left Out: 795.775 $\pm$ 0.217 χ^2 /NDF: 7343.3/8

Right Out: 789.794 $\pm$ 0.211 χ^2 /NDF: 11174.9/17

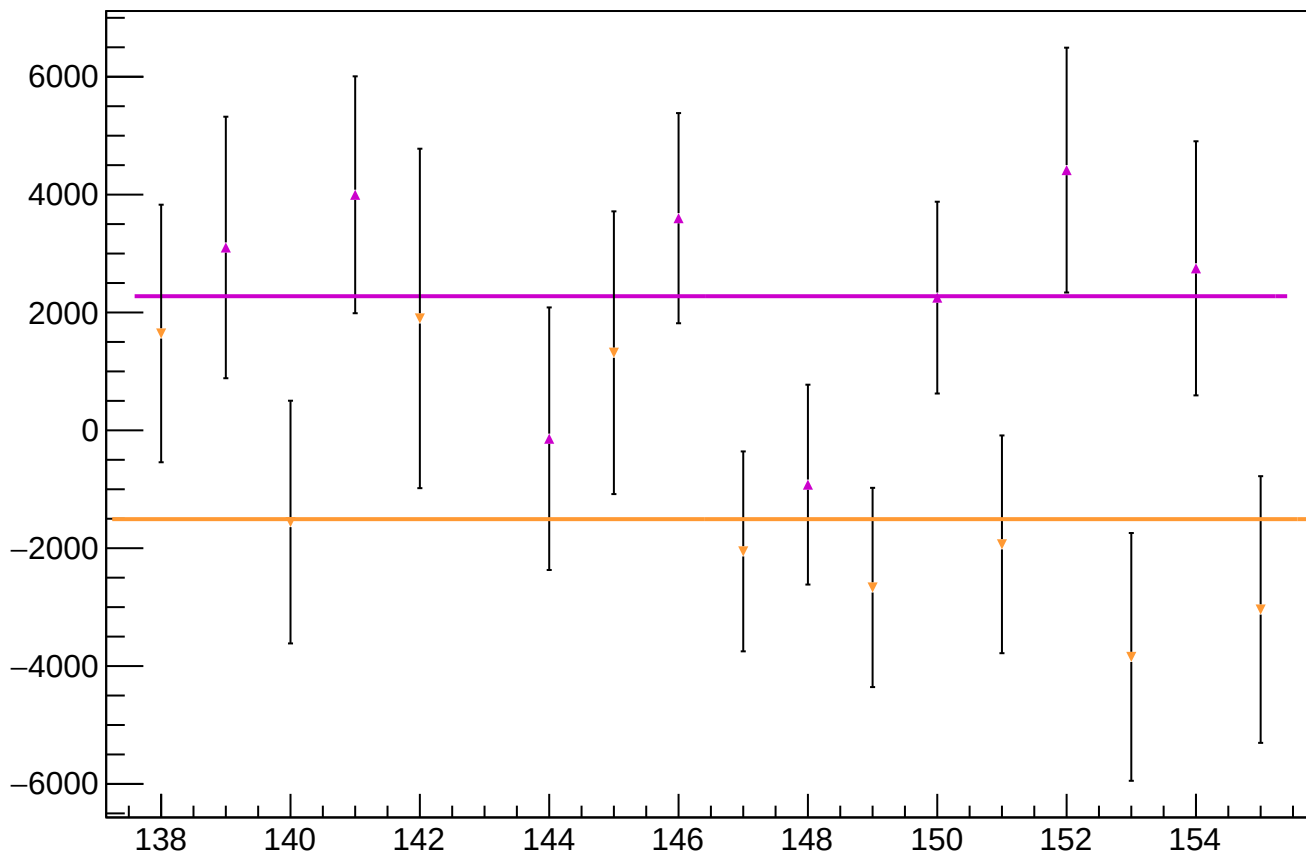
Left In: 794.450 $\pm$ 0.218 χ^2 /NDF: 6536.0/7

+ sign 797.619 $\pm$ 0.155 χ^2 /NDF: 398676.3/24

All: 794.770 $\pm$ 0.108 χ^2 /NDF: 417283.3/50

- sign 792.050 $\pm$ 0.151 χ^2 /NDF: 17946.9/25

asym_us_dd_correction_mean vs Slug



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

Left Out: -1506.928+/-681.751 χ^2/NDF : 7.2/8

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

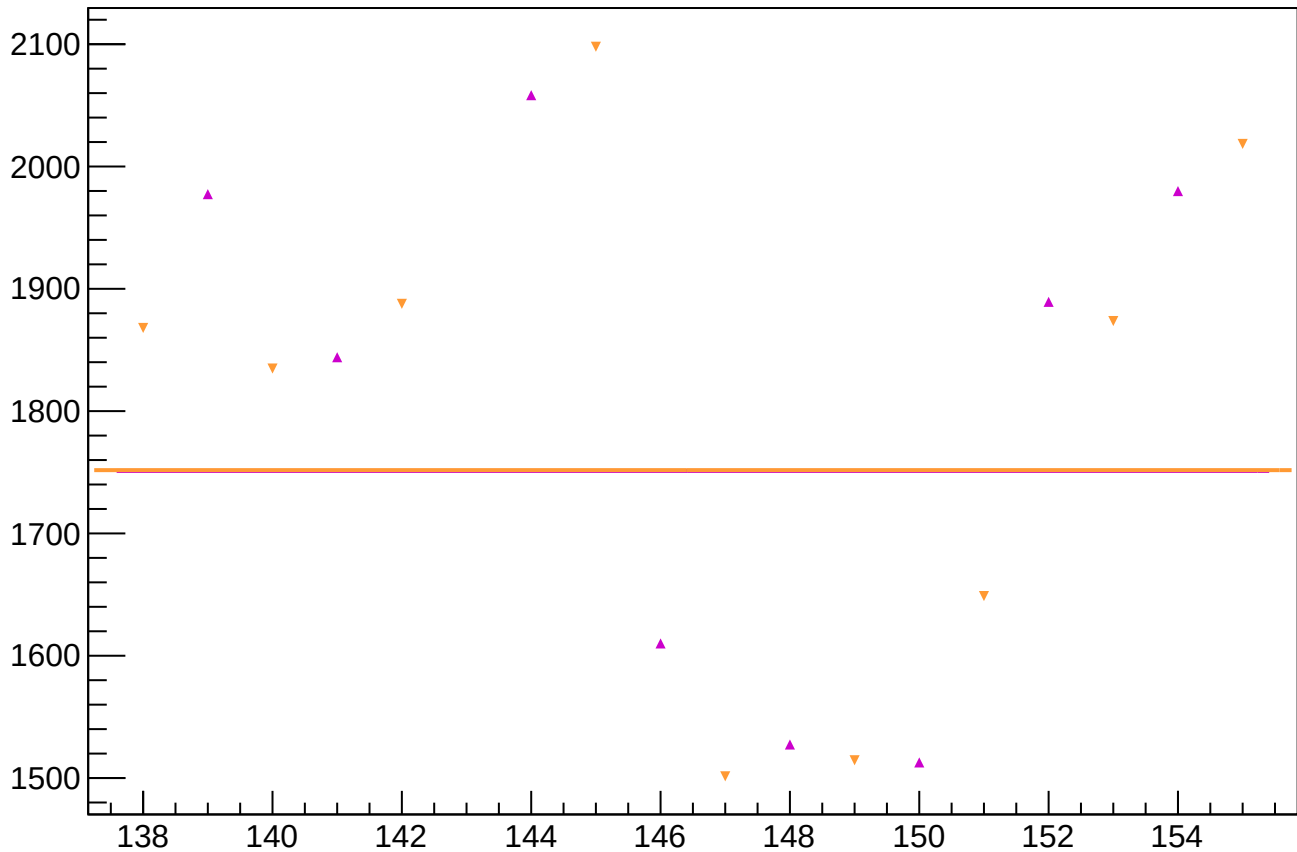
Left In: 2276.097+/-683.770 χ^2/NDF : 7.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.993+/-482.783 χ^2/NDF : 29.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_correction_rms vs Slug



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

Left Out: 1751.740+/-0.482 χ^2/NDF :178686.5/8

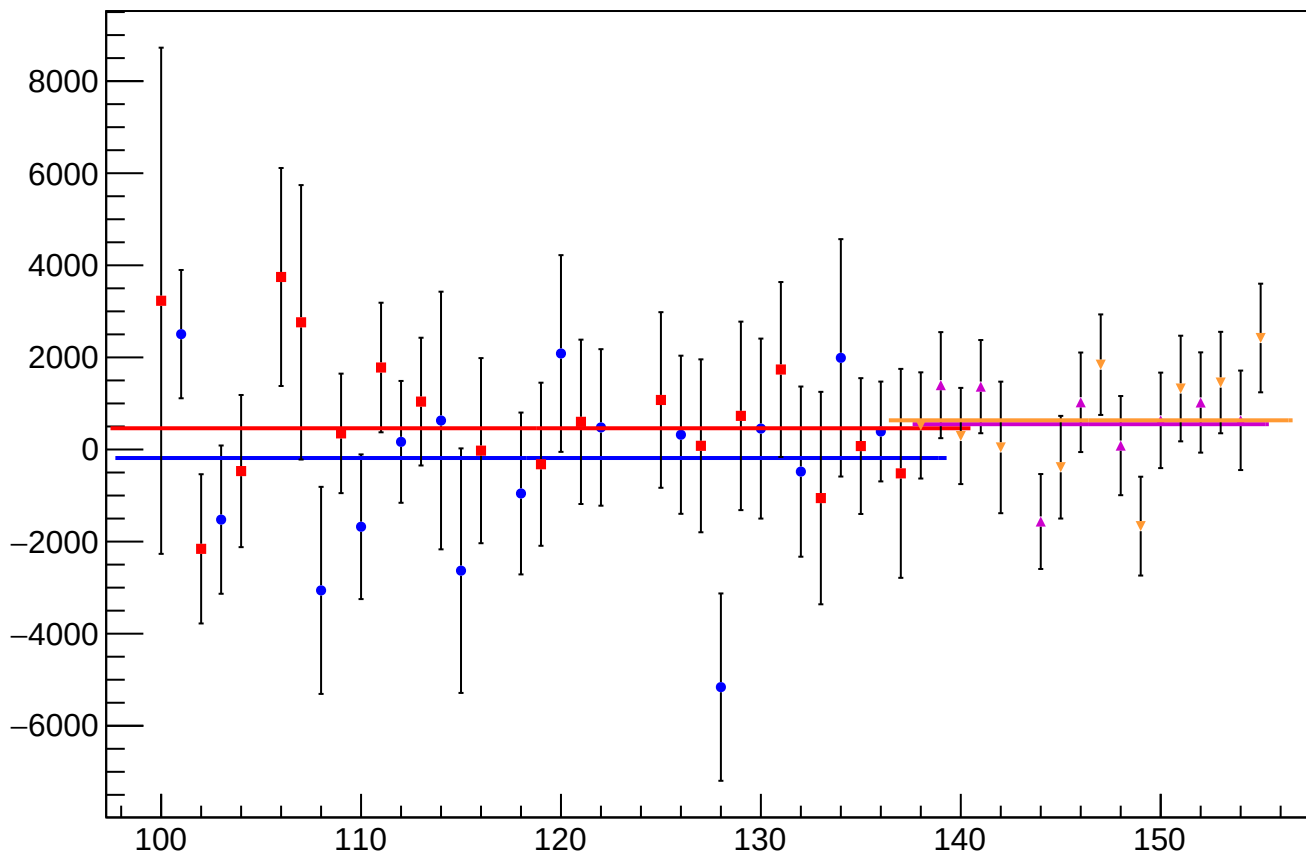
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1751.106+/-0.483 χ^2/NDF :184713.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1751.424+/-0.341 χ^2/NDF : 363400.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0



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

Left Out: 633.791 ± 378.692 χ^2/NDF : 10.1/8

Right Out: 461.253 ± 426.921 χ^2/NDF : 8.3/17

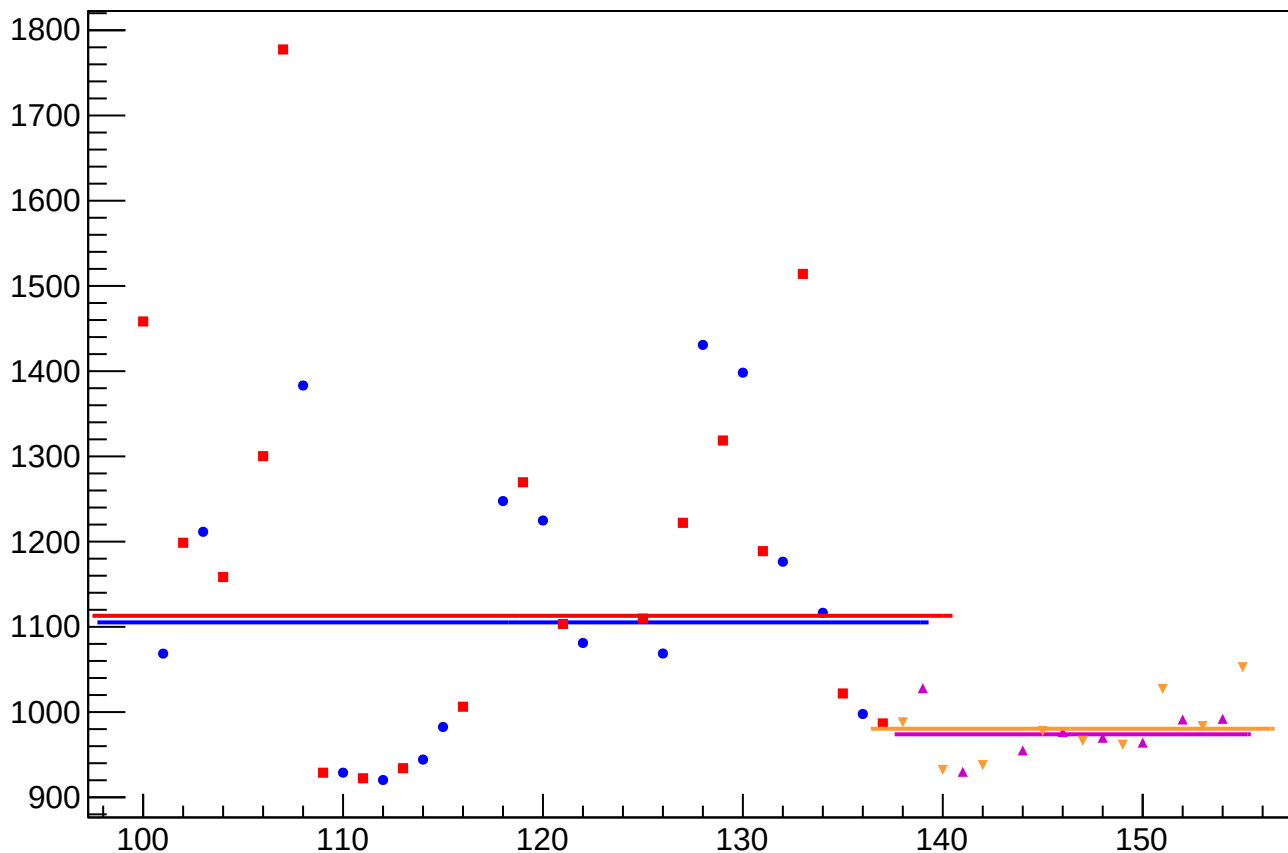
Left In: 549.587 ± 377.407 χ^2/NDF : 6.0/7

+ sign 277.510 ± 284.624 χ^2/NDF : 28.8/24

All: 394.940 ± 200.597 χ^2/NDF : 43.5/50

- sign 510.837 ± 282.760 χ^2/NDF : 14.3/25

asym_us_dd_rms vs Slug



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

Left Out: 980.451+/-0.268 χ^2/NDF : 17941.1/8

Right Out: 1112.974+/-0.302 χ^2/NDF : 362995.4/17

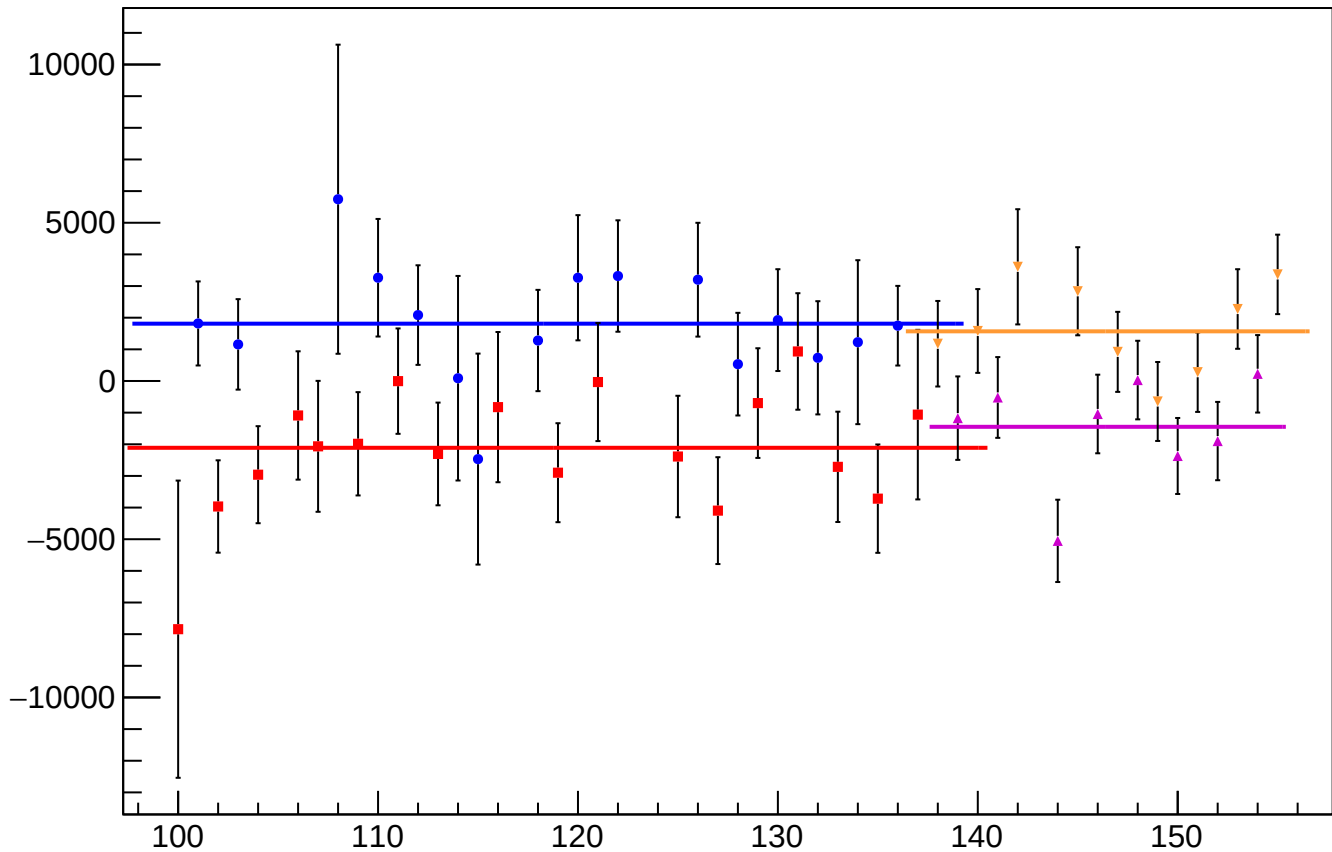
Left In: 973.928+/-0.267 χ^2/NDF : 10157.4/7

+ sign 1034.745+/-0.201 χ^2/NDF : 367793.7/24

All: 1034.835+/-0.142 χ^2/NDF : 860035.3/50

- sign 1034.924+/-0.200 χ^2/NDF : 492241.2/25

dit_asym_usl_mean vs Slug



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

Left Out: 1568.973 $\pm$ 442.591 χ^2 /NDF: 9.0/8

Right Out: -2111.004 $\pm$ 427.676 χ^2 /NDF: 13.0/17

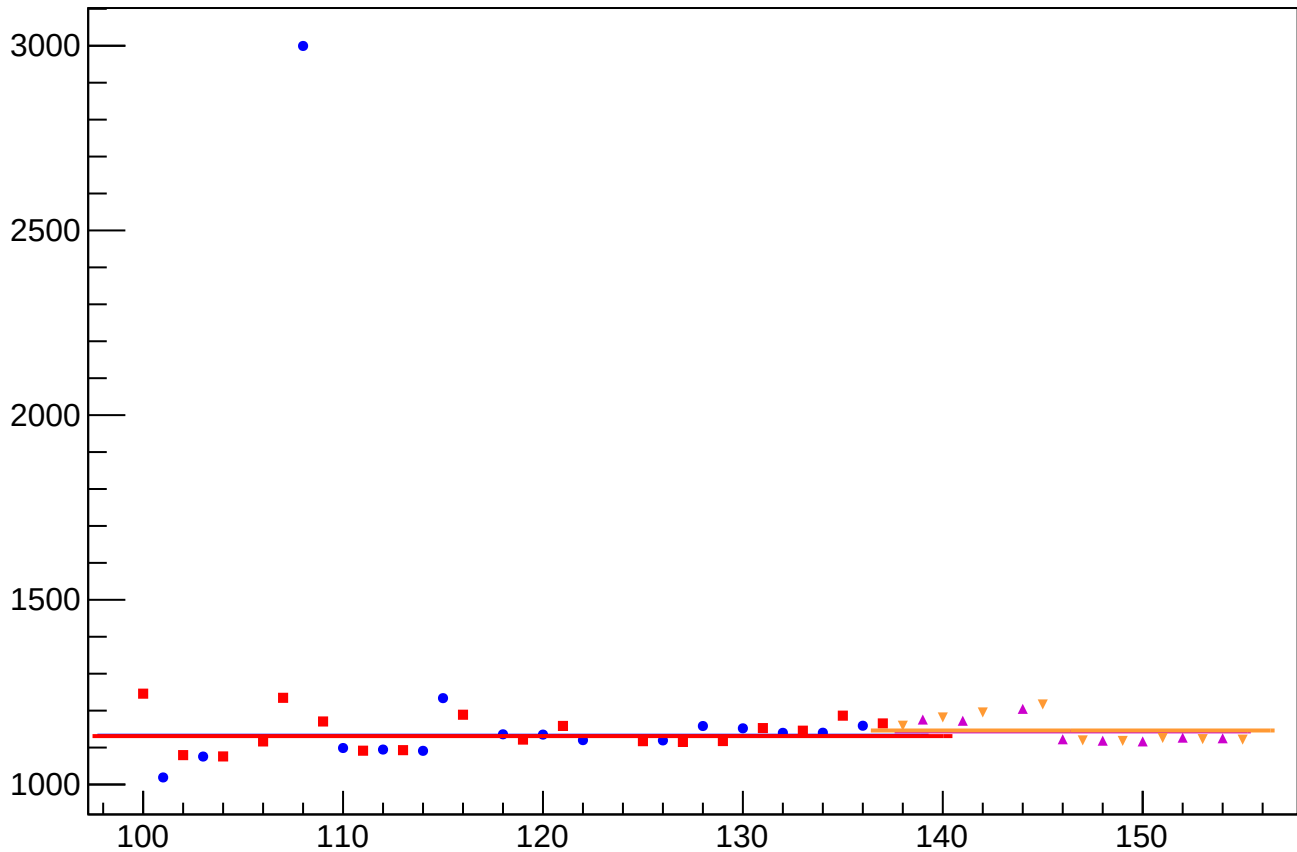
Left In: -1447.822 $\pm$ 443.156 χ^2 /NDF: 12.4/7

+ sign 1690.136 $\pm$ 312.800 χ^2 /NDF: 15.6/24

All: -78.917 $\pm$ 219.372 χ^2 /NDF: 105.1/50

- sign -1791.197 $\pm$ 307.740 χ^2 /NDF: 26.6/25

dit_asym_usl_rms vs Slug



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

Left Out: 1146.210 $\pm$ 0.313 χ^2/NDF : 12084.4/8

Right Out: 1131.016 $\pm$ 0.302 χ^2/NDF : 19719.1/17

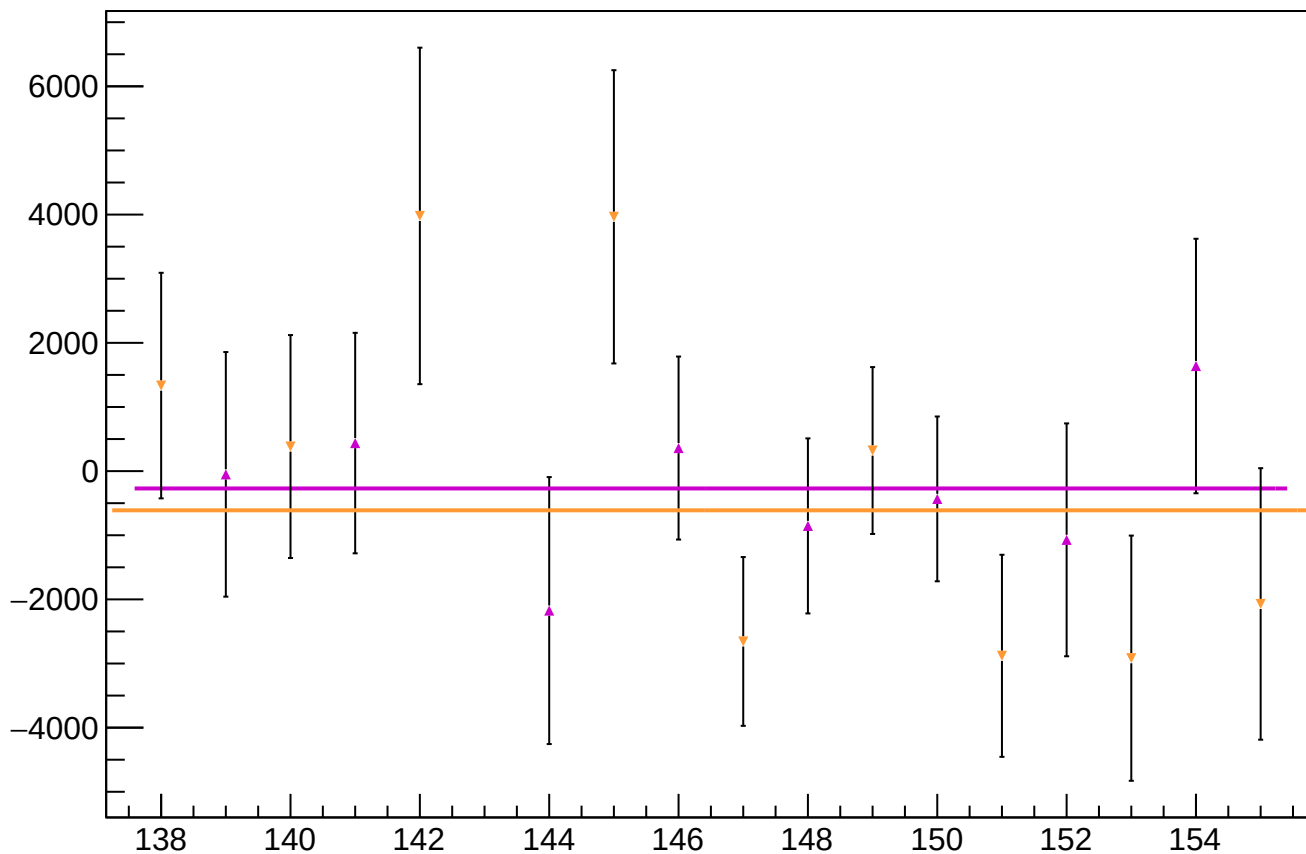
Left In: 1143.764 $\pm$ 0.313 χ^2/NDF : 9882.2/7

+ sign 1139.135 $\pm$ 0.221 χ^2/NDF : 329131.8/24

All: 1138.133 $\pm$ 0.155 χ^2/NDF : 359630.3/50

- sign 1137.164 $\pm$ 0.218 χ^2/NDF : 30458.2/25

asym_usl_correction_mean vs Slug



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

Left Out: -611.214+/-571.780 χ^2/NDF :15.5/8

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

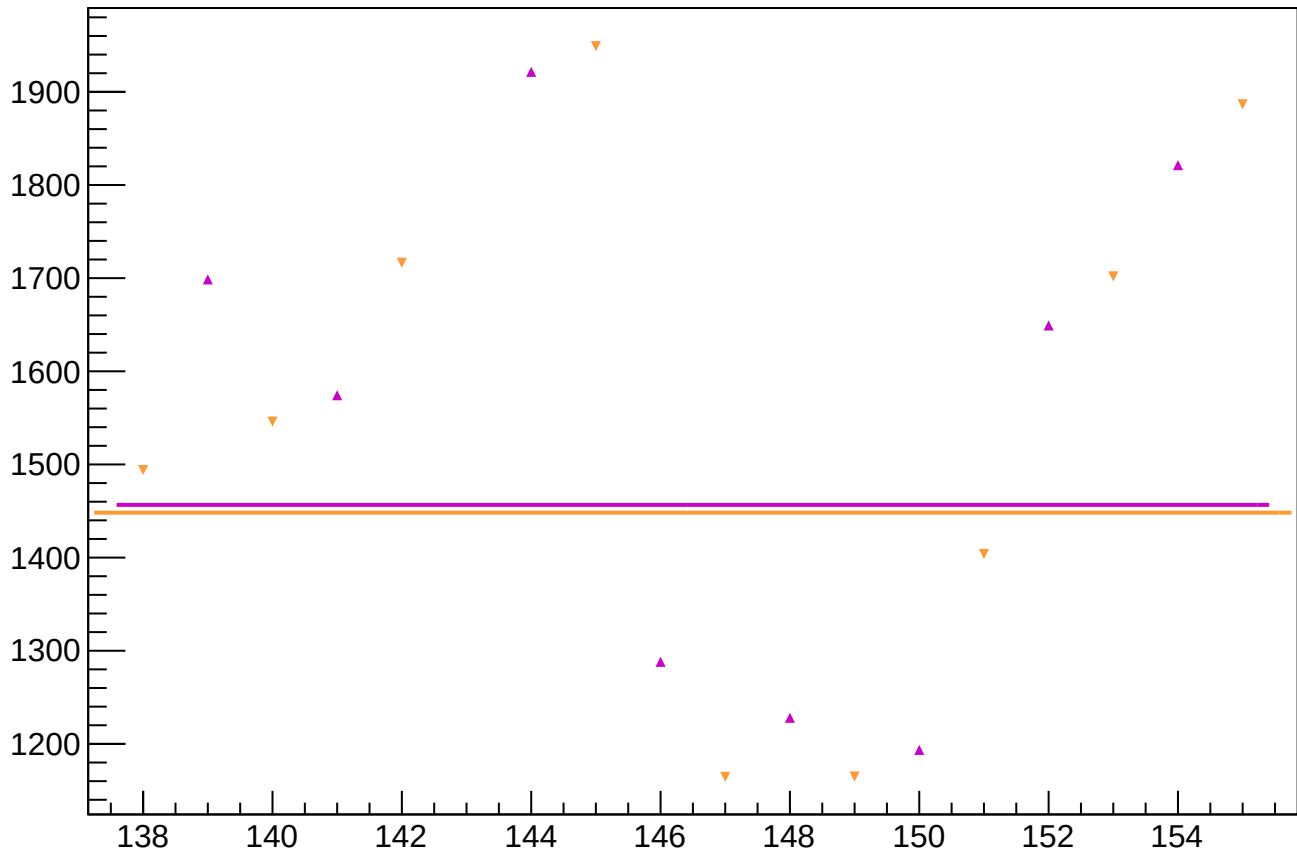
Left In: -270.529+/-573.975 χ^2/NDF :2.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -441.524+/-405.083 χ^2/NDF : 18.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_correction_rms vs Slug



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

Left Out: 1448.253+/-0.404 χ^2/NDF : 434887.9/8

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

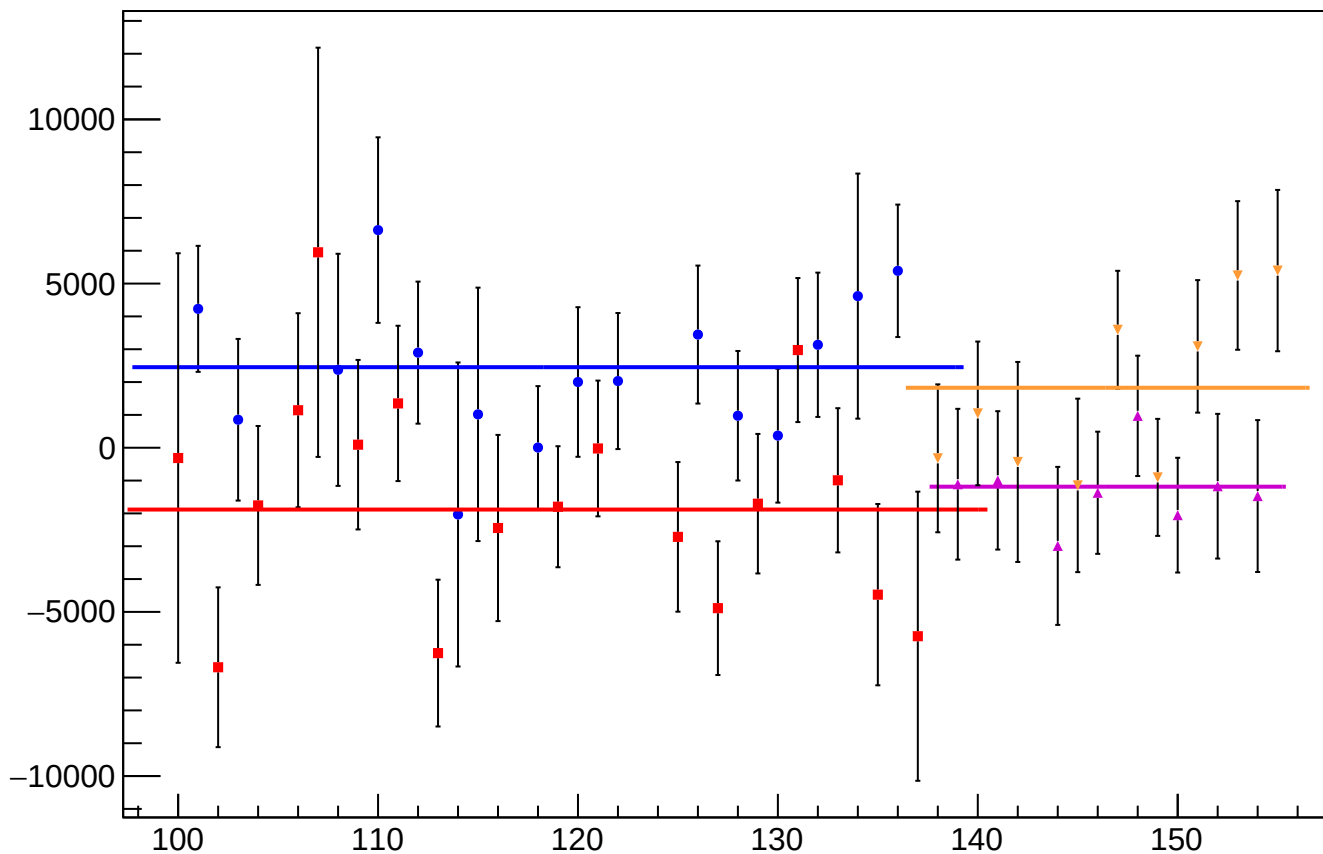
Left In: 1456.600+/-0.406 χ^2/NDF : 399214.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1452.410+/-0.286 χ^2/NDF : 834314.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



Right In: 2453.670 ± 584.307 $\chi^2/\text{NDF}: 10.8/15$

Left Out: 1826.786 ± 727.753 $\chi^2/\text{NDF}: 11.0/8$

Right Out: -1882.755 ± 583.188 $\chi^2/\text{NDF}: 22.8/17$

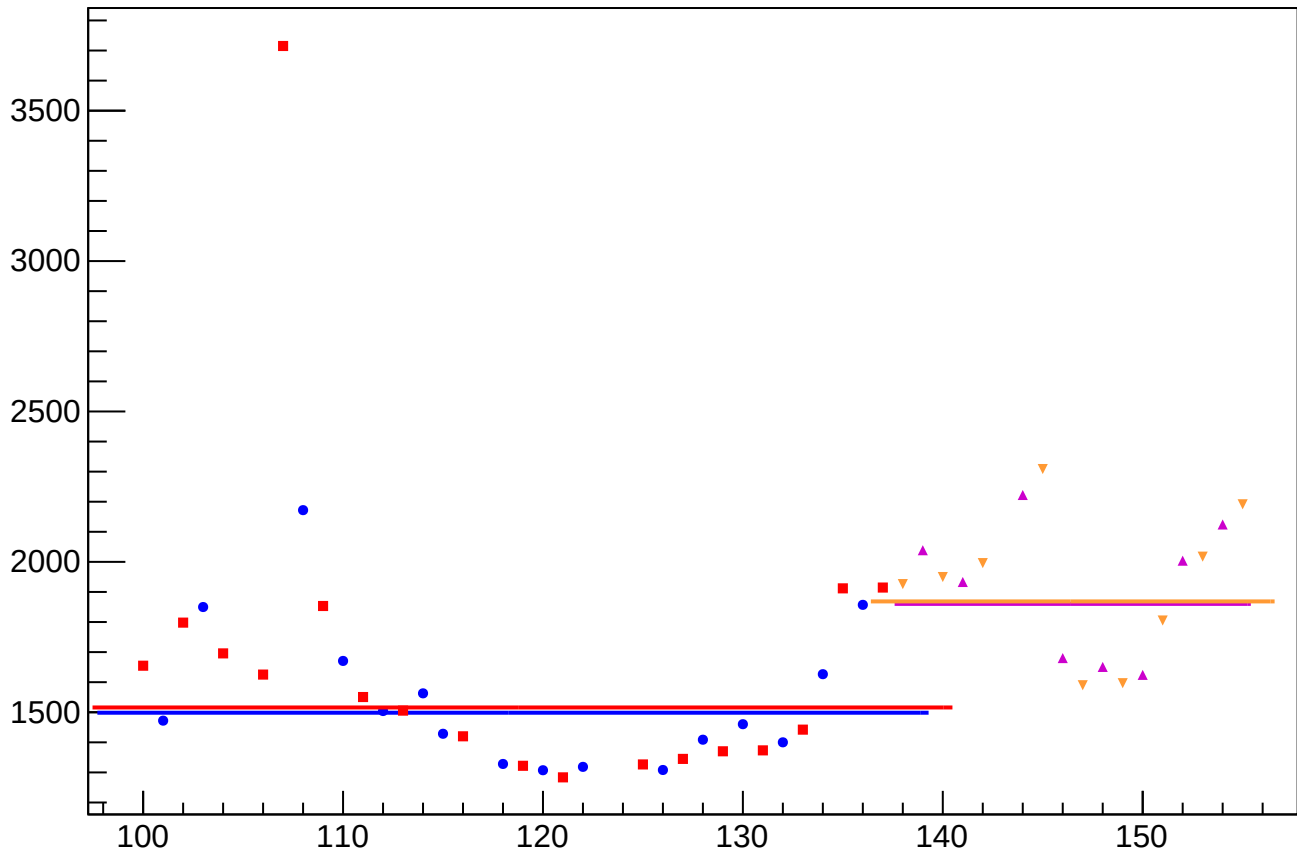
Left In: -1186.105 ± 726.566 $\chi^2/\text{NDF}: 2.2/7$

+ sign 2207.955 ± 455.624 $\chi^2/\text{NDF}: 22.2/24$

All: 295.638 ± 321.884 $\chi^2/\text{NDF}: 82.9/50$

- sign -1609.789 ± 454.802 $\chi^2/\text{NDF}: 25.5/25$

asym_usl_rms vs Slug



Right In: 1498.485+/-0.413 χ^2/NDF : 258807.5/15

Left Out: 1868.533+/-0.515 χ^2/NDF : 202911.4/8

Right Out: 1515.949+/-0.412 χ^2/NDF : 480541.4/17

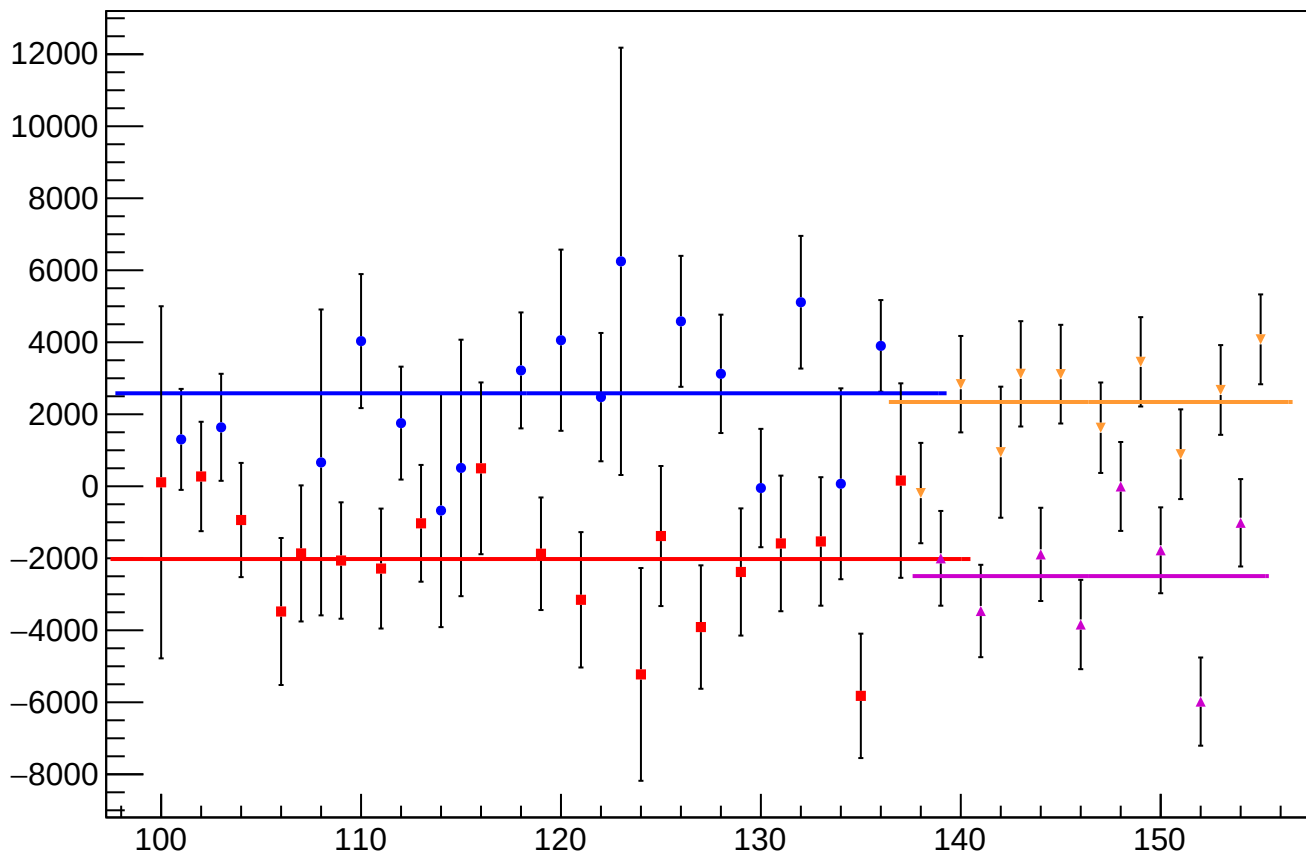
Left In: 1860.322+/-0.514 χ^2/NDF : 175632.2/7

+ sign 1643.530+/-0.322 χ^2/NDF : 776138.7/24

All: 1647.213+/-0.228 χ^2/NDF : 1705826.0/50

- sign 1650.883+/-0.322 χ^2/NDF : 929426.4/25

dit_asym_usr_mean vs Slug



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

Left Out: 2341.152 $\pm$ 423.093 χ^2 /NDF:9.1/9

Right Out: -2020.735 $\pm$ 426.756 χ^2 /NDF: 13.5/18

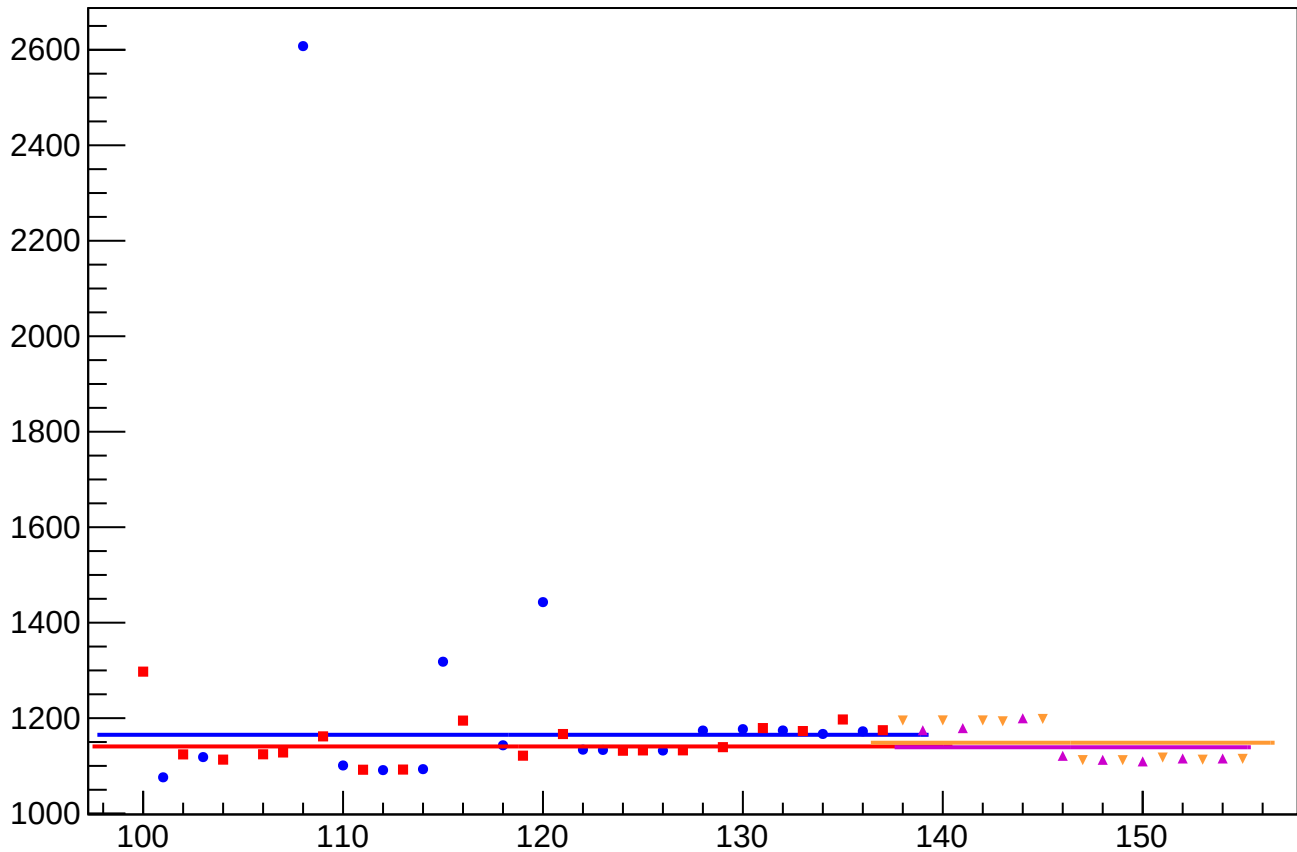
Left In: -2494.742 $\pm$ 441.316 χ^2 /NDF:16.1/7

+ sign 2453.773 $\pm$ 309.266 χ^2 /NDF: 21.6/26

All: 83.014 $\pm$ 217.800 χ^2 /NDF: 168.4/53

- sign -2249.790 $\pm$ 306.780 χ^2 /NDF: 30.2/26

dit_asym_usr_rms vs Slug



Right In: 1165.146 ± 0.320 χ^2/NDF : 278570.1/16

Left Out: 1148.555 ± 0.299 χ^2/NDF : 18266.1/9

+ sign 1156.281 ± 0.219 χ^2/NDF : 298268.5/26

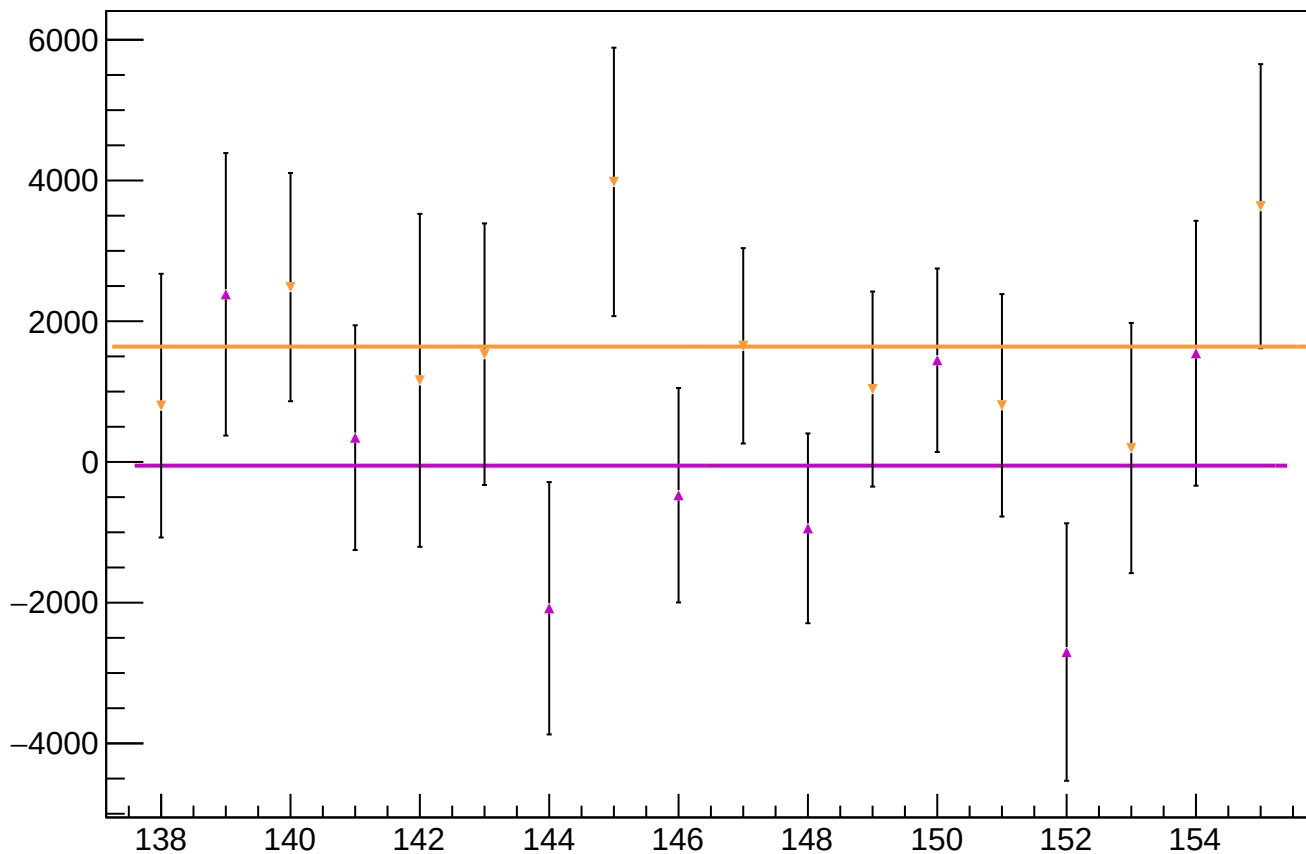
Right Out: 1140.752 ± 0.302 χ^2/NDF : 12717.7/18

All: 1148.038 ± 0.154 χ^2/NDF : 325669.5/53

- sign 1139.927 ± 0.217 χ^2/NDF : 24582.1/26

Left In: 1139.045 ± 0.312 χ^2/NDF : 11848.9/7

asym_usr_correction_mean vs Slug



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

Left Out: 1639.271+/-541.635 χ^2/NDF : 4.1/9

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

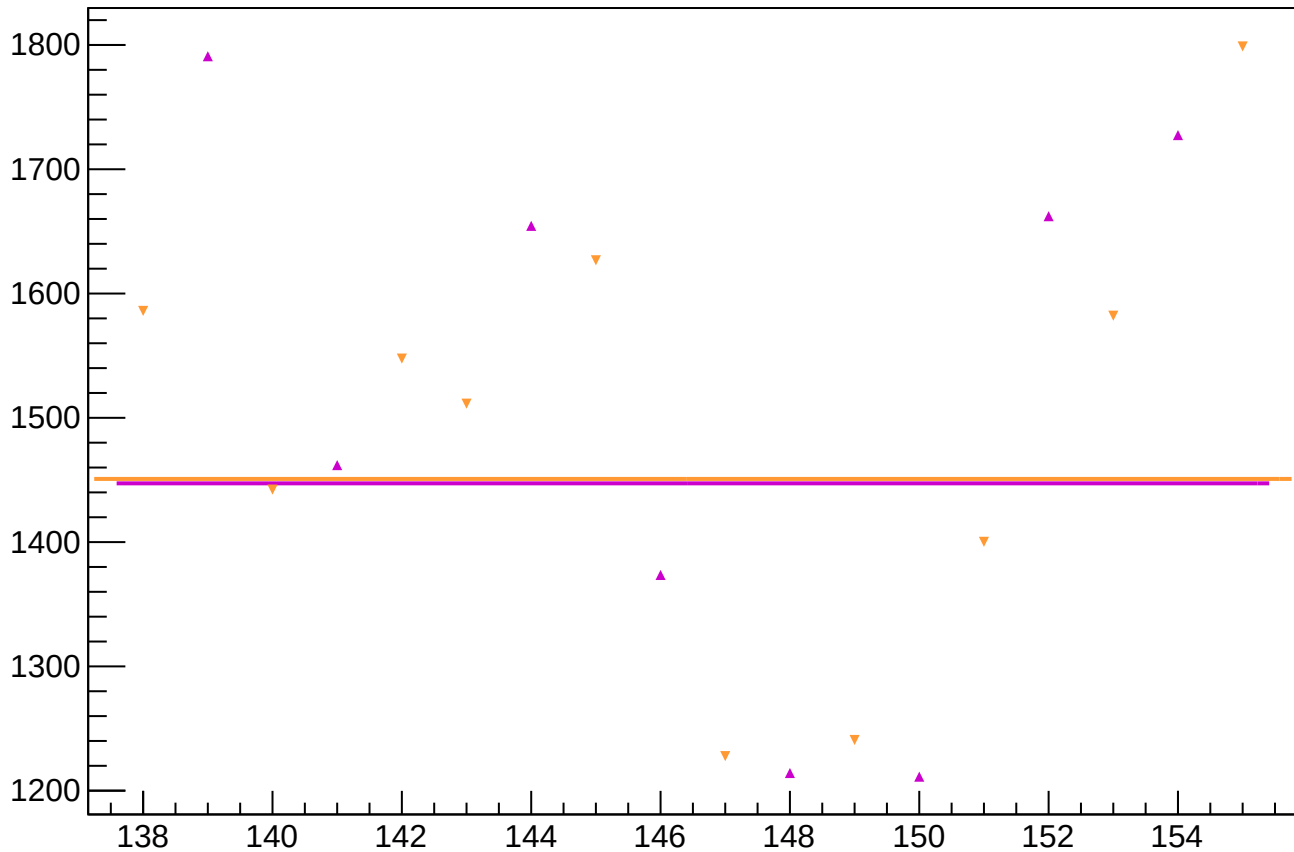
Left In: -52.669+/-567.927 χ^2/NDF : 7.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.370+/-391.959 χ^2/NDF : 16.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_correction_rms vs Slug



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

Left Out: 1450.837+/-0.383 χ^2/NDF : 202884.6/9

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

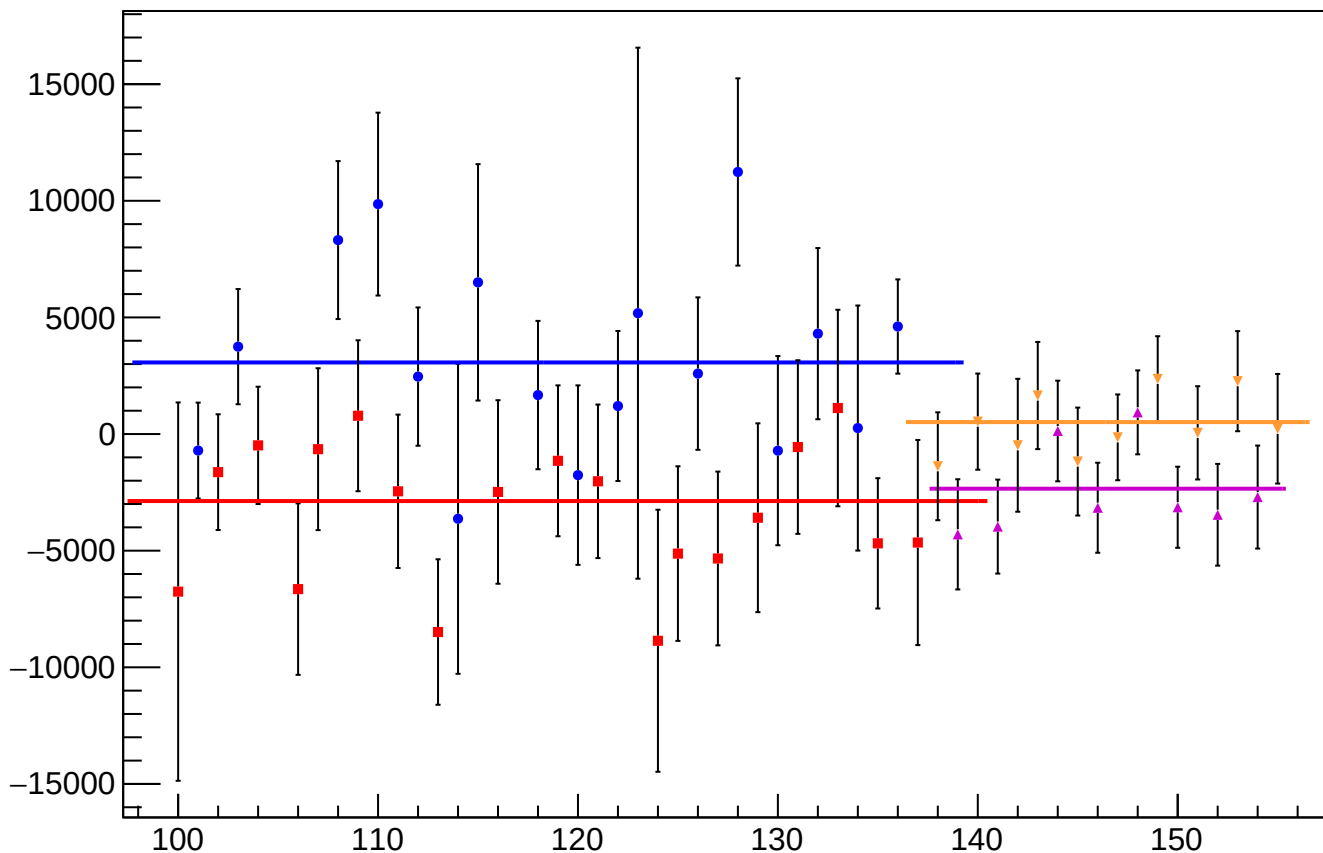
Left In: 1447.287+/-0.402 χ^2/NDF : 287296.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1449.146+/-0.277 χ^2/NDF : 490222.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



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

Left Out: 513.286 $\pm$ 679.618 χ^2 /NDF: 3.5/9

Right Out: -2872.615 $\pm$ 795.352 χ^2 /NDF: 11.6/18

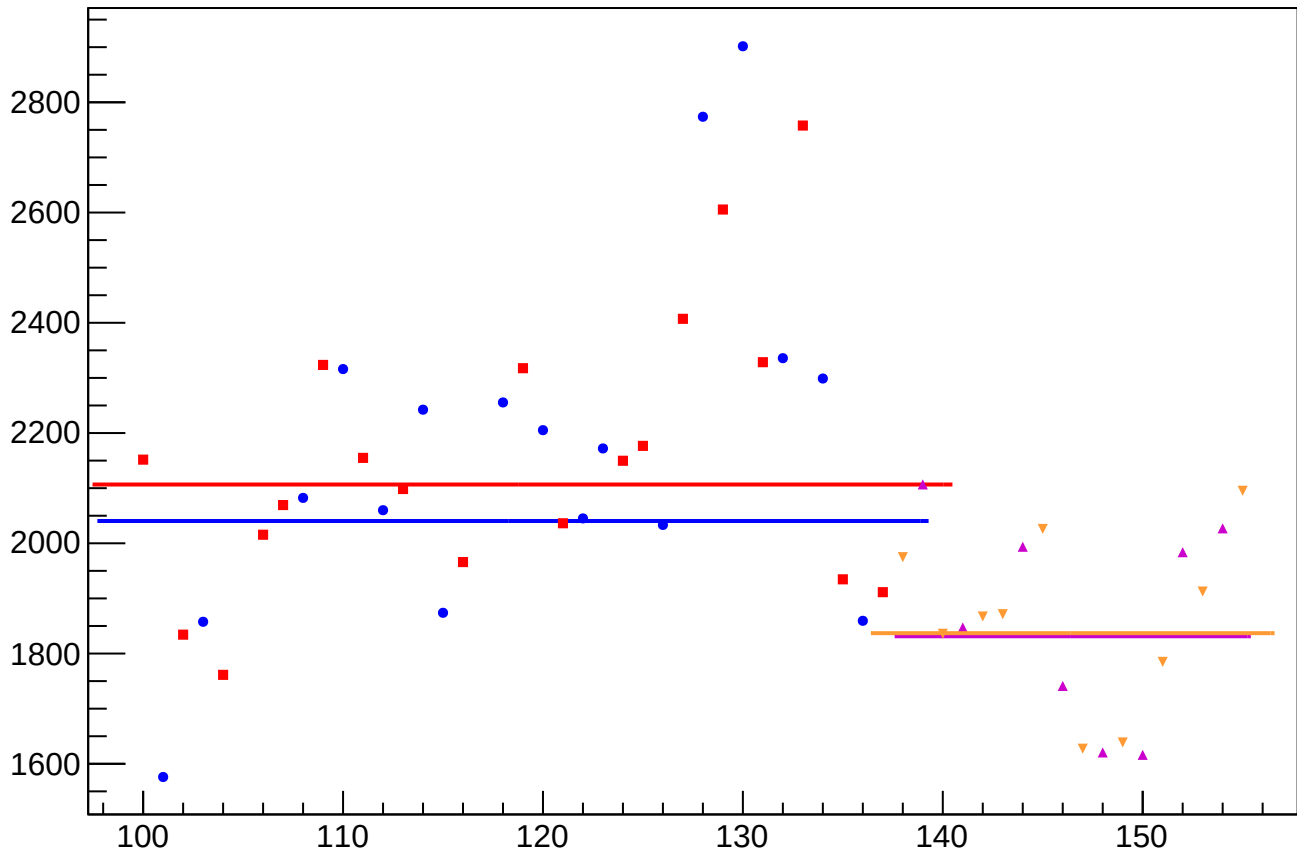
Left In: -2342.788 $\pm$ 713.527 χ^2 /NDF: 6.6/7

+ sign 1588.302 $\pm$ 517.335 χ^2 /NDF: 27.9/26

All: -440.594 $\pm$ 370.589 χ^2 /NDF: 78.0/53

- sign -2579.053 $\pm$ 531.120 χ^2 /NDF: 18.5/26

asym_usr_rms vs Slug



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

Left Out: 1836.973+/-0.481 χ^2/NDF : 98620.5/9

Right Out: 2106.624+/-0.562 χ^2/NDF : 195414.9/18

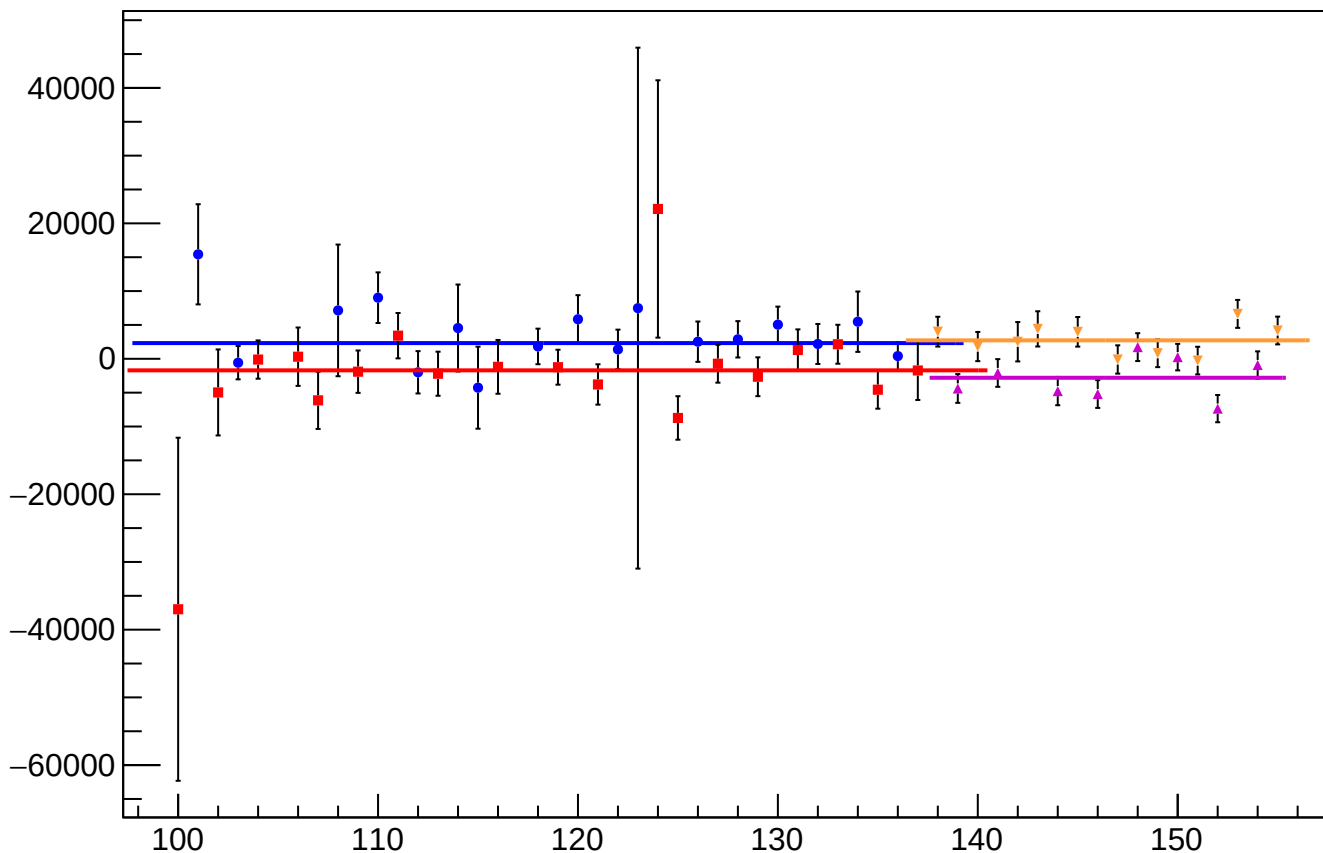
Left In: 1831.331+/-0.505 χ^2/NDF : 126569.6/7

+ sign 1922.539+/-0.366 χ^2/NDF : 505344.4/26

All: 1937.901+/-0.262 χ^2/NDF : 963710.4/53

- sign 1954.092+/-0.376 χ^2/NDF : 454743.9/26

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2725.599 $\pm$ 694.154 χ^2 /NDF:10.2/9

Right Out: -1705.508 $\pm$ 782.848 χ^2 /NDF: 17.2/18

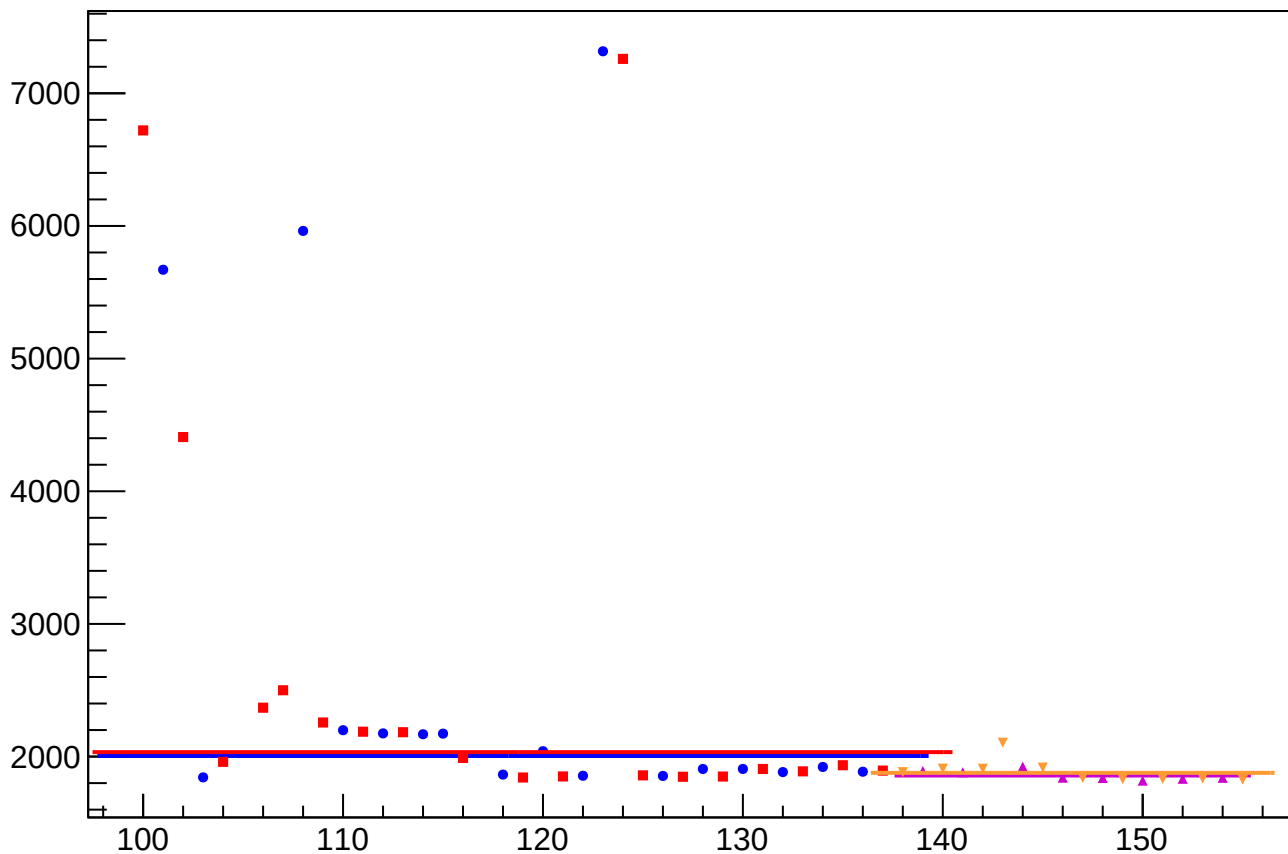
Left In: -2801.488 $\pm$ 721.961 χ^2 /NDF:16.2/7

+ sign 2551.334 $\pm$ 524.703 χ^2 /NDF: 25.1/26

All: 154.448 $\pm$ 373.132 χ^2 /NDF: 101.8/53

- sign -2297.771 $\pm$ 530.725 χ^2 /NDF: 34.4/26

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1877.400+/-0.491 χ^2/NDF : 21385.9/9

Right Out: 2033.490+/-0.554 χ^2/NDF : 611009.8/18

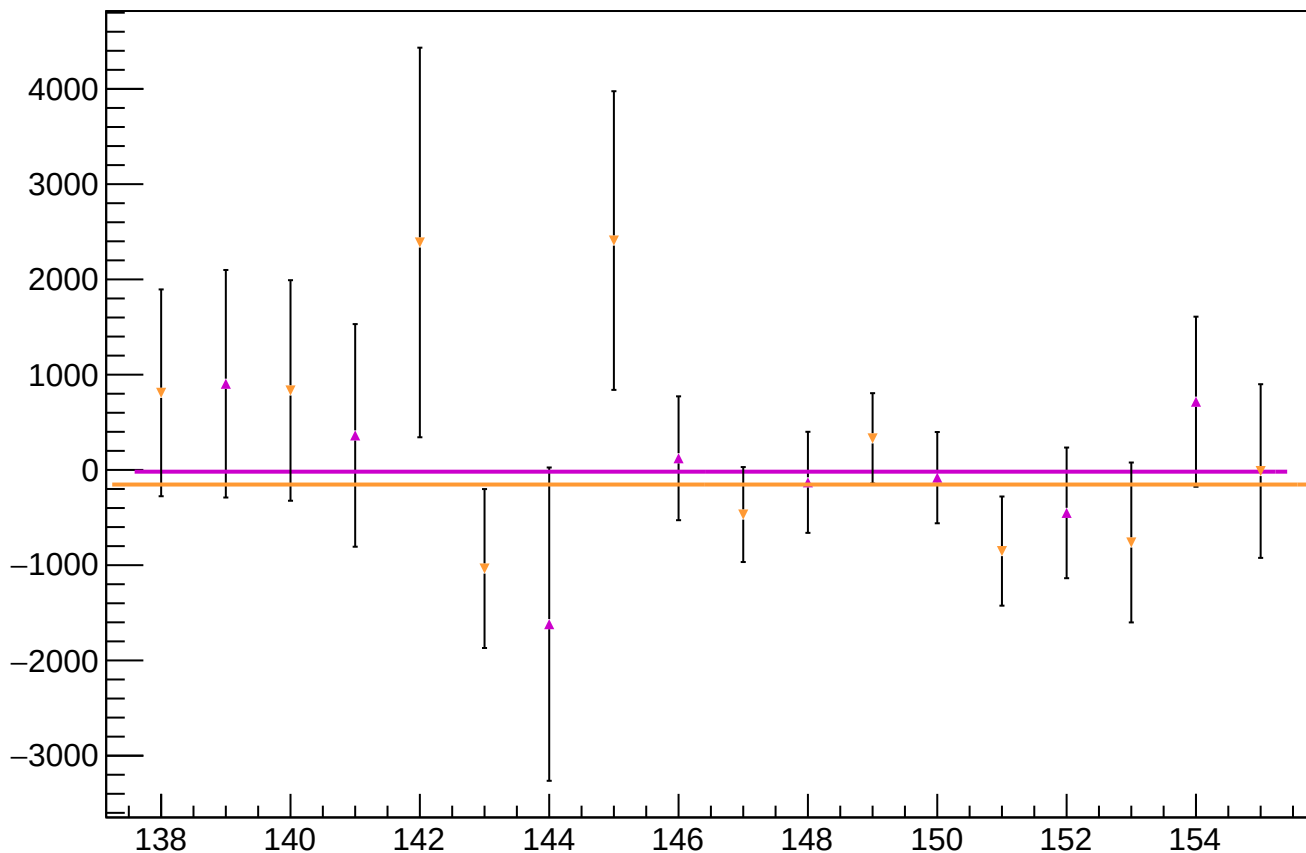
Left In: 1857.283+/-0.511 χ^2/NDF : 4339.9/7

+ sign 1931.901+/-0.371 χ^2/NDF : 966162.9/26

All: 1935.048+/-0.264 χ^2/NDF : 1636414.7/53

- sign 1938.269+/-0.375 χ^2/NDF : 670106.2/26

asym_at1_avg_correction_mean vs Slug



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

Left Out: -153.437+/-236.958 χ^2/NDF :10.3/9

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

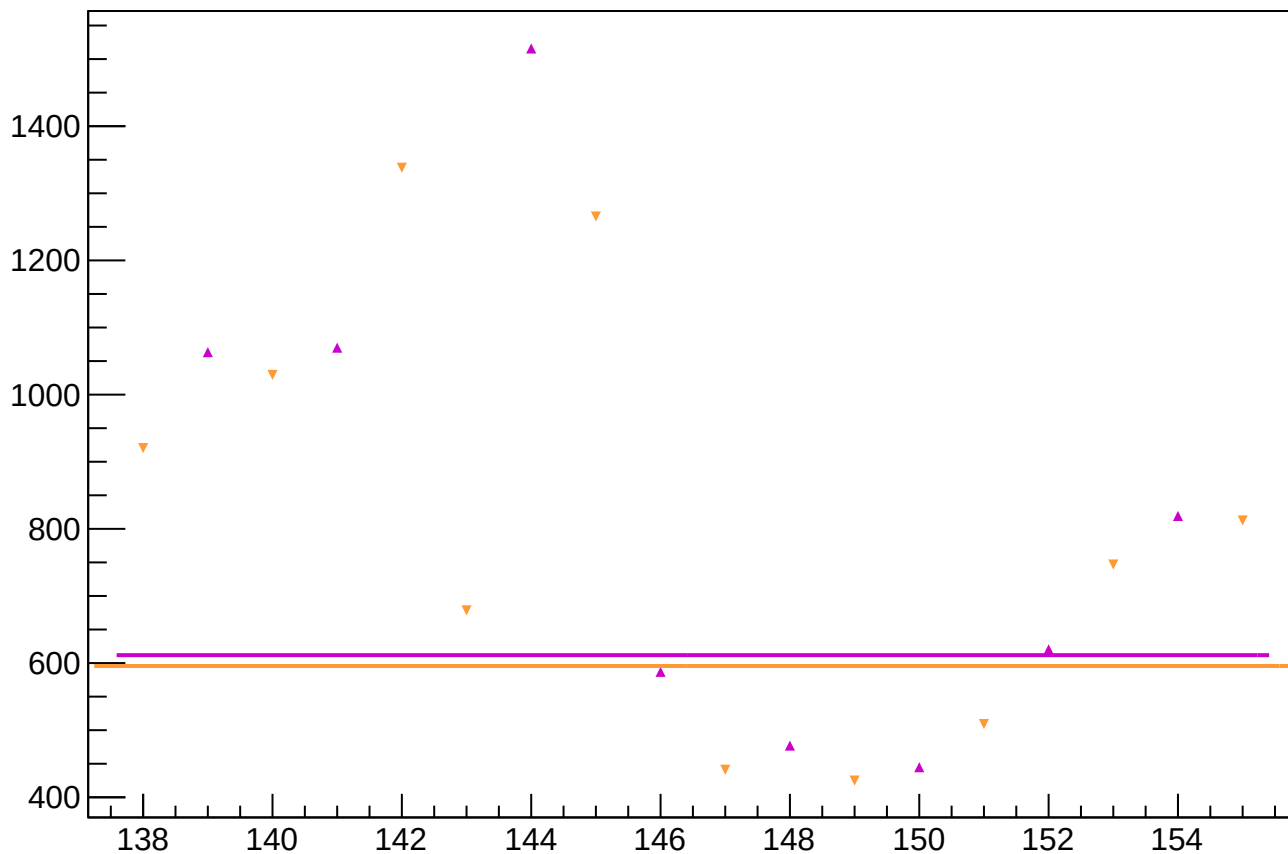
Left In: -18.478+/-254.321 χ^2/NDF :2.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.722+/-173.368 χ^2/NDF : 13.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_correction_rms vs Slug



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

Left Out: 595.667+/-0.168 χ^2/NDF : 1782906.5/9

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

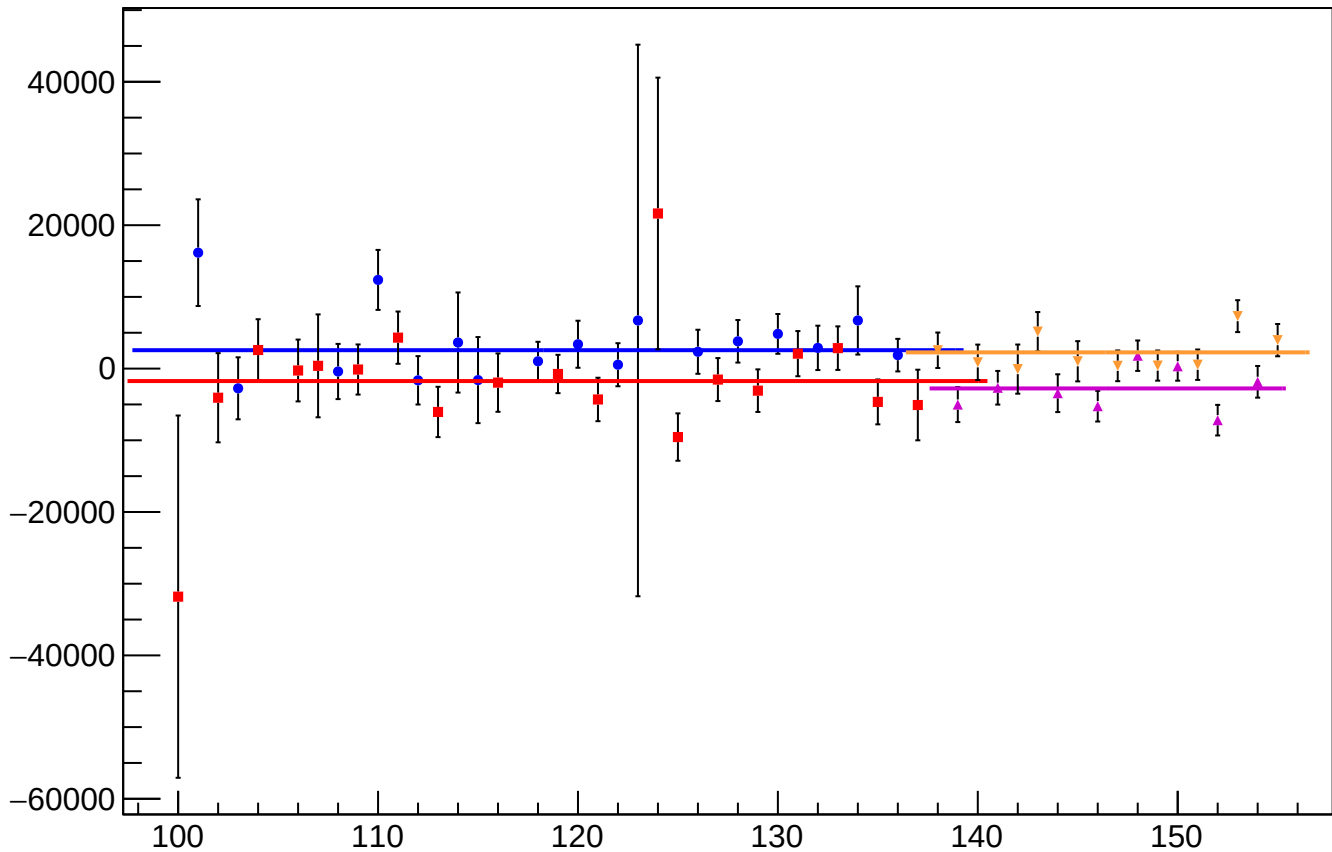
Left In: 611.799+/-0.180 χ^2/NDF : 1680857.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 603.164+/-0.123 χ^2/NDF : 3468071.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



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

Left Out: 2264.232+/-758.407 χ^2/NDF : 10.0/9

Right Out: -1737.684+/-853.181 χ^2/NDF : 20.5/18

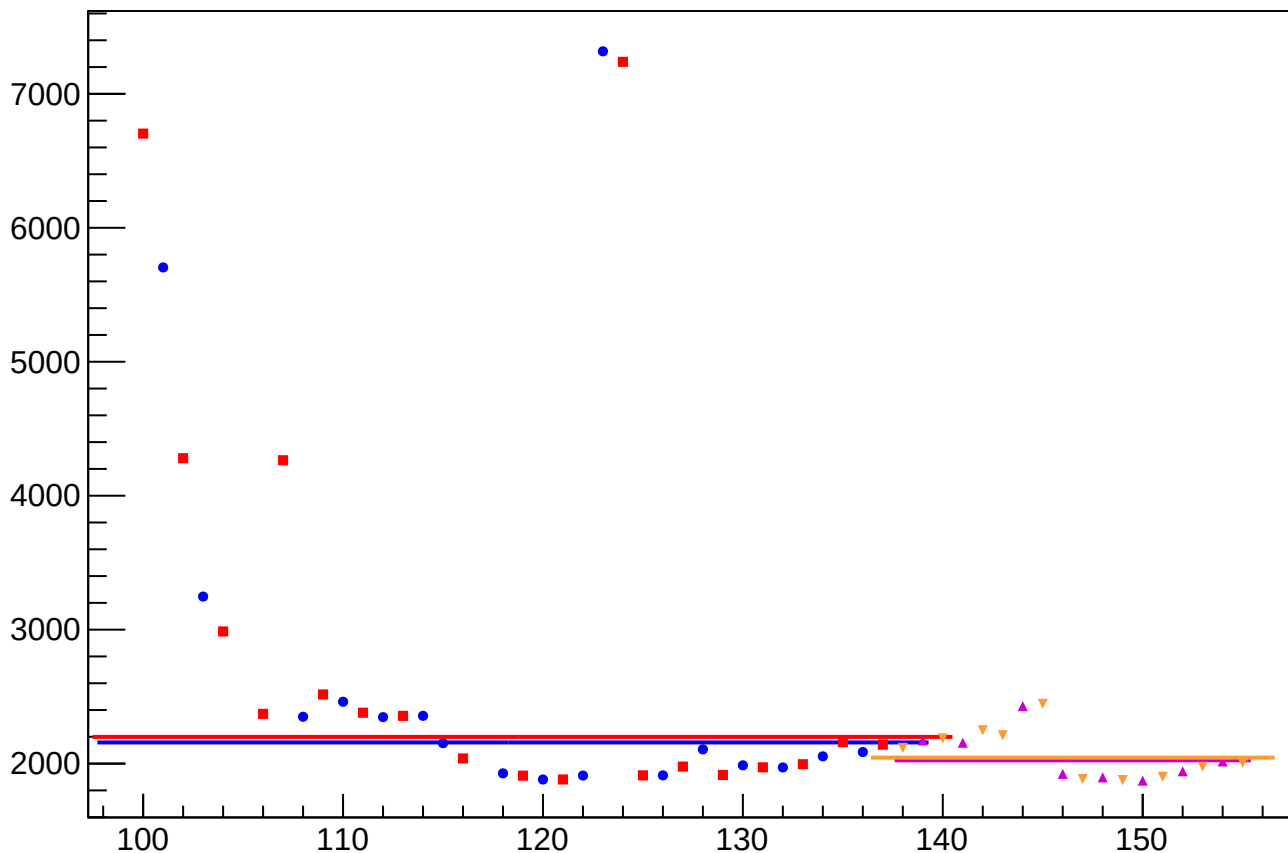
Left In: -2766.669+/-789.526 χ^2/NDF : 13.7/7

+ sign 2397.275+/-567.683 χ^2/NDF : 25.7/26

All: 100.851+/-405.518 χ^2/NDF : 94.1/53

- sign -2291.990+/-579.478 χ^2/NDF : 35.0/26

asym_at1_avg_rms vs Slug



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

Left Out: 2044.676 $\pm$ 0.536 χ^2 /NDF:99372.7/9

Right Out: 2199.343 $\pm$ 0.603 χ^2 /NDF: 803022.0/18

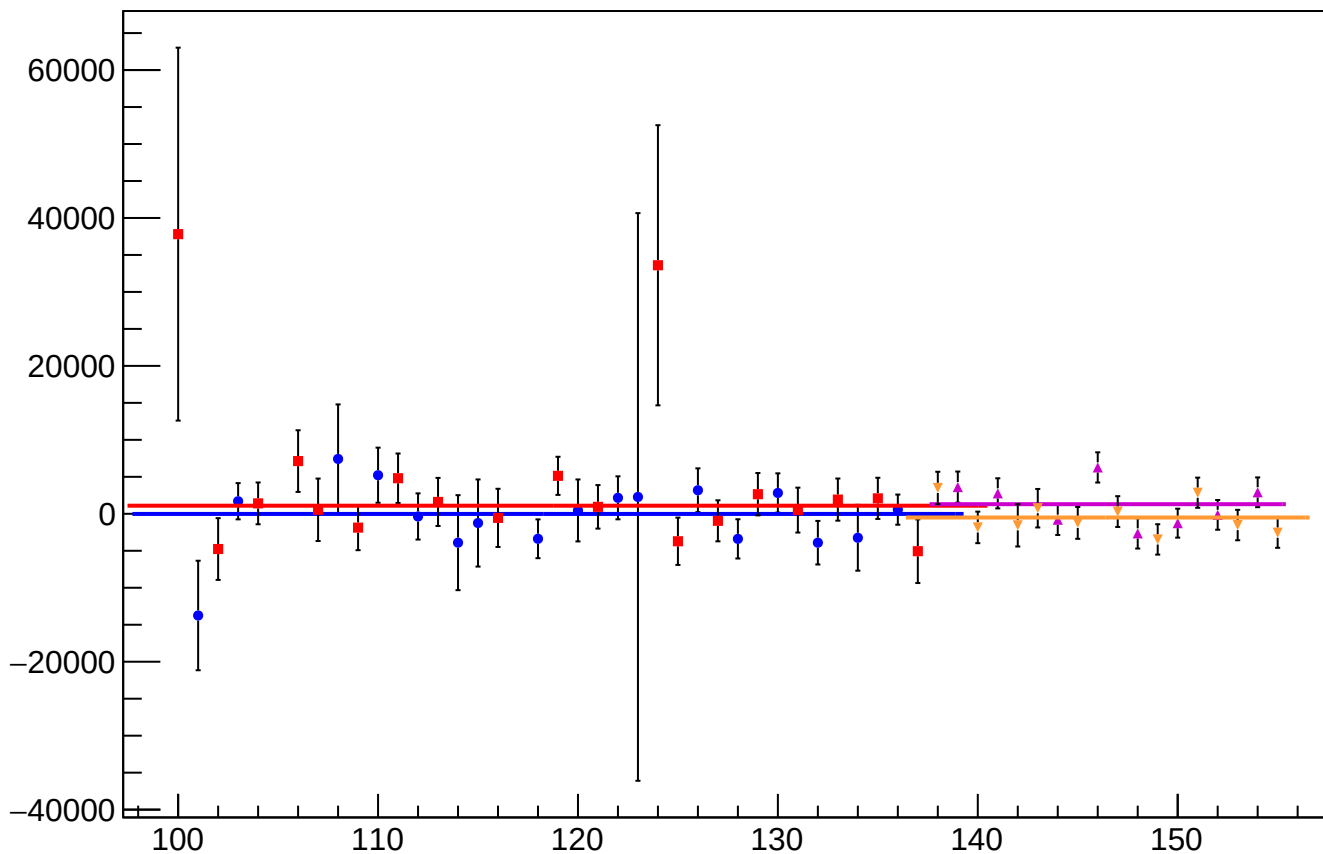
Left In: 2024.409 $\pm$ 0.558 χ^2 /NDF:86781.2/7

+ sign 2094.572 $\pm$ 0.401 χ^2 /NDF: 832922.0/26

All: 2099.731 $\pm$ 0.287 χ^2 /NDF: 1768356.4/53

- sign 2105.108 $\pm$ 0.410 χ^2 /NDF: 935097.1/26

dit_asym_at1_dd_mean vs Slug



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

Left Out: -502.698 ± 690.511 χ^2/NDF : 10.4/9

Right Out: 1095.433 ± 769.722 χ^2/NDF : 19.4/18

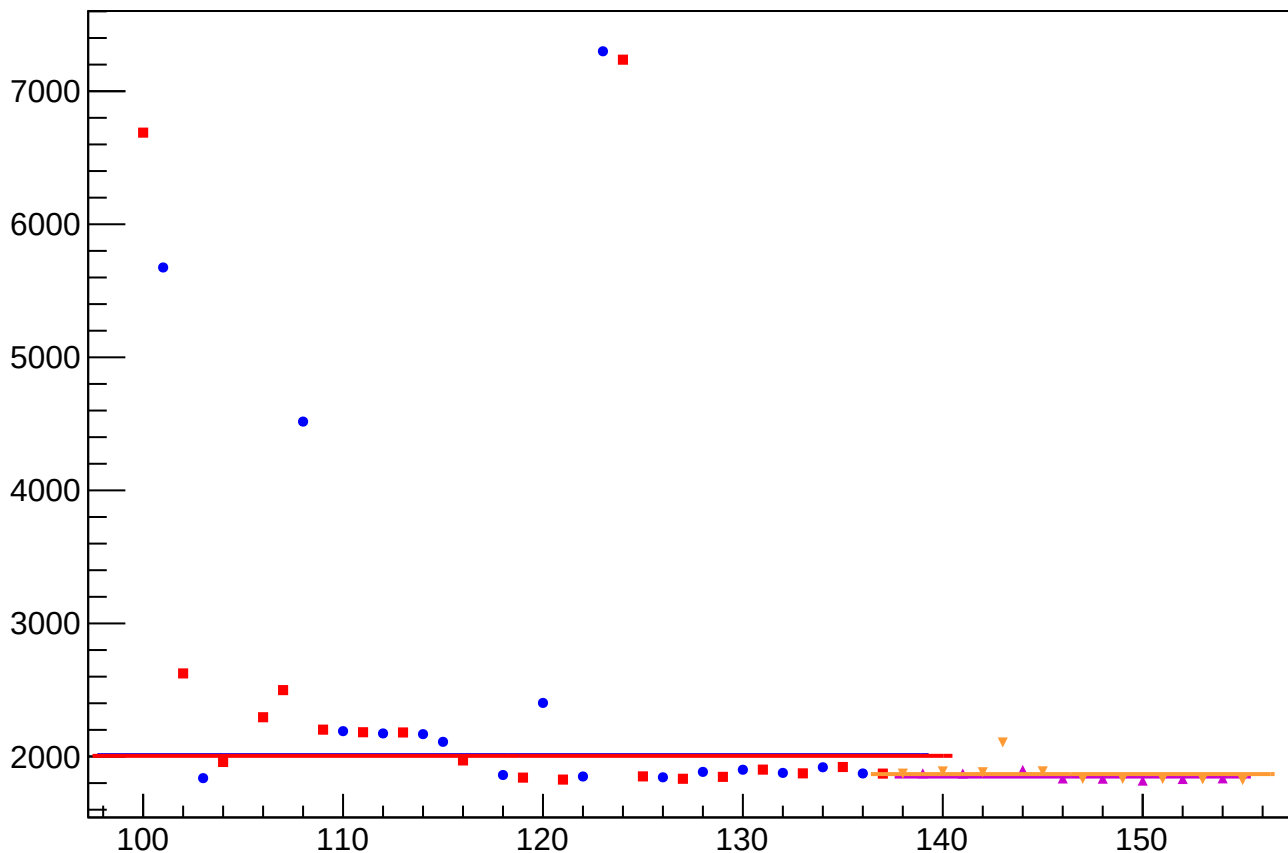
Left In: 1300.780 ± 718.692 χ^2/NDF : 15.3/7

+ sign -296.296 ± 523.115 χ^2/NDF : 26.5/26

All: 451.282 ± 370.671 χ^2/NDF : 65.3/53

- sign 1205.138 ± 525.307 χ^2/NDF : 34.7/26

dit_asym_at1_dd_rms vs Slug



Right In: 2010.272 $\pm$ 0.567 χ^2 /NDF: 839746.7/16

Left Out: 1867.627 $\pm$ 0.488 χ^2 /NDF: 20736.2/9

Right Out: 2004.882 $\pm$ 0.544 χ^2 /NDF: 367513.0/18

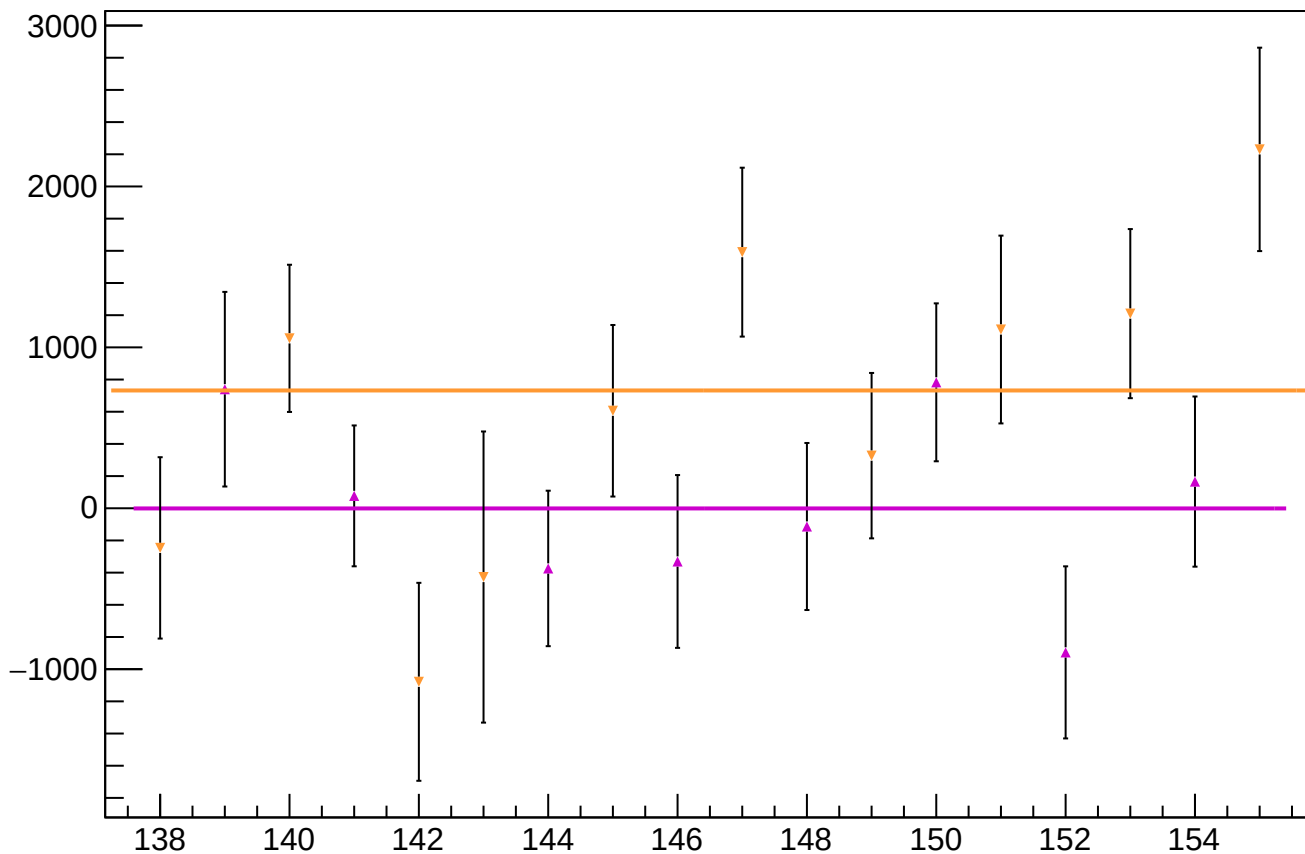
Left In: 1849.052 $\pm$ 0.508 χ^2 /NDF: 2674.6/7

+ sign 1928.405 $\pm$ 0.370 χ^2 /NDF: 896848.7/26

All: 1925.032 $\pm$ 0.262 χ^2 /NDF: 1310996.4/53

- sign 1921.631 $\pm$ 0.371 χ^2 /NDF: 413980.6/26

asym_at1_dd_correction_mean vs Slug



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

Left Out: 732.172+/-177.367 χ^2/NDF : 24.0/9

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

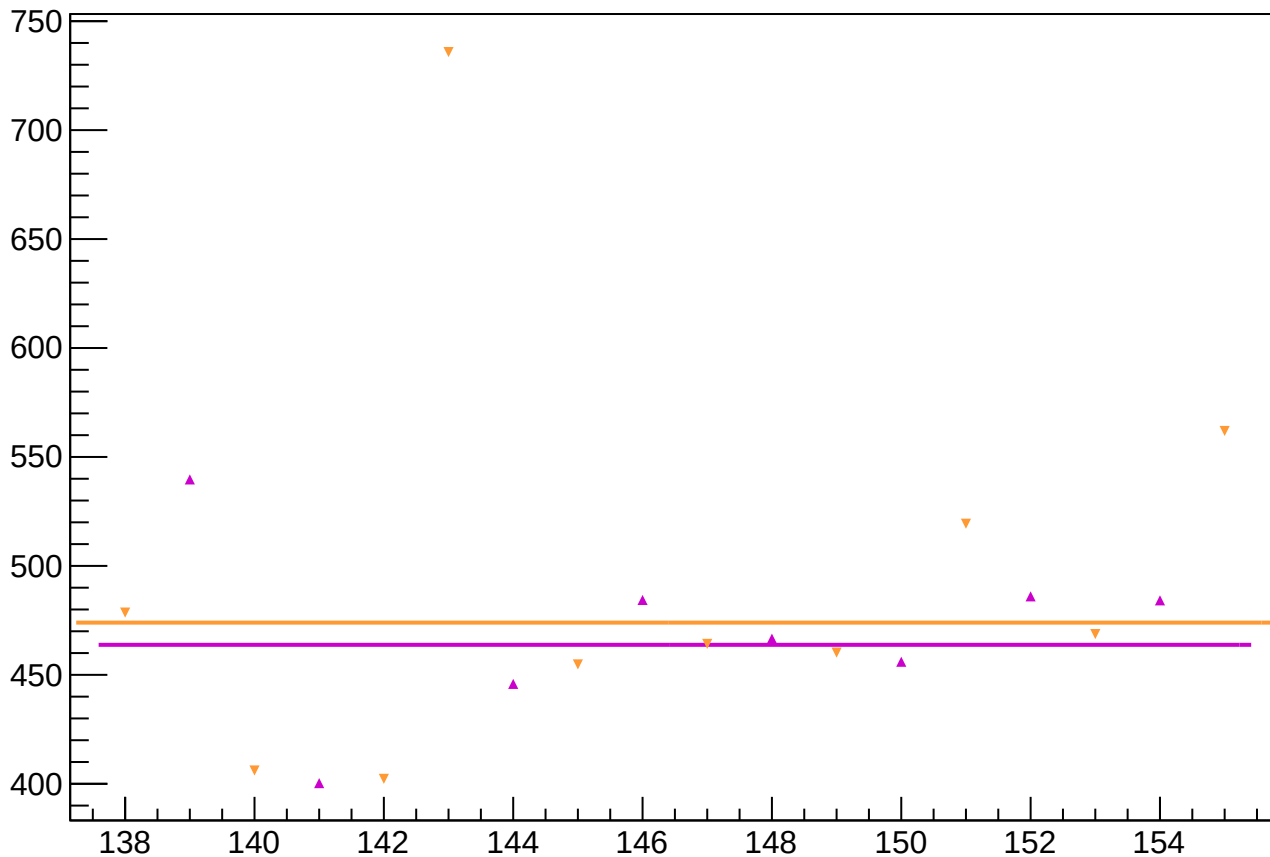
Left In: -1.029+/-180.649 χ^2/NDF : 8.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.293+/-126.562 χ^2/NDF : 40.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_correction_rms vs Slug



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

Left Out: 473.974+/-0.125 χ^2/NDF : 294610.7/9

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

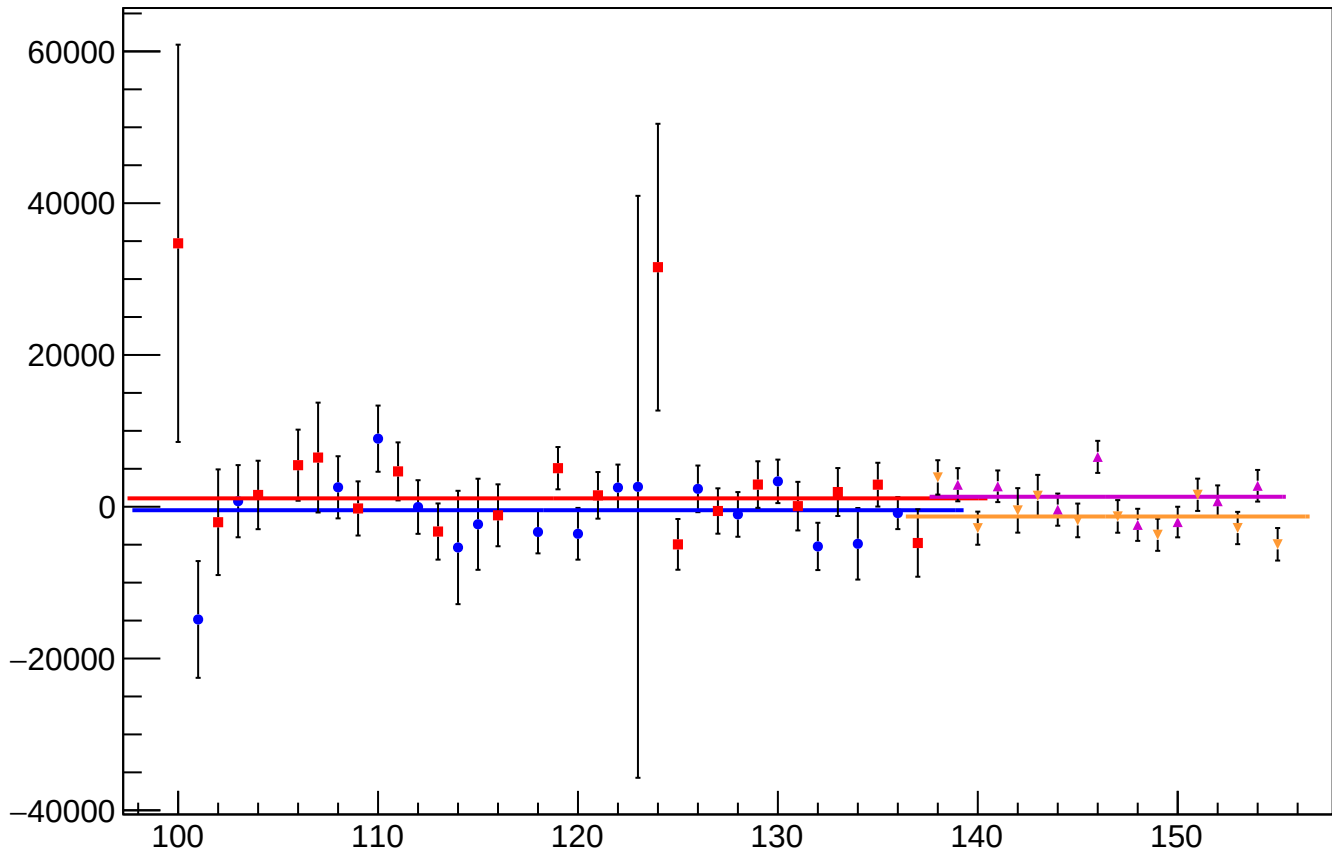
Left In: 463.782+/-0.128 χ^2/NDF : 86259.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.971+/-0.089 χ^2/NDF : 384111.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_mean vs Slug



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

Left Out: -1286.976+/-715.059 χ^2/NDF :13.3/9

Right Out: 1104.312+/-867.160 χ^2/NDF : 16.9/18

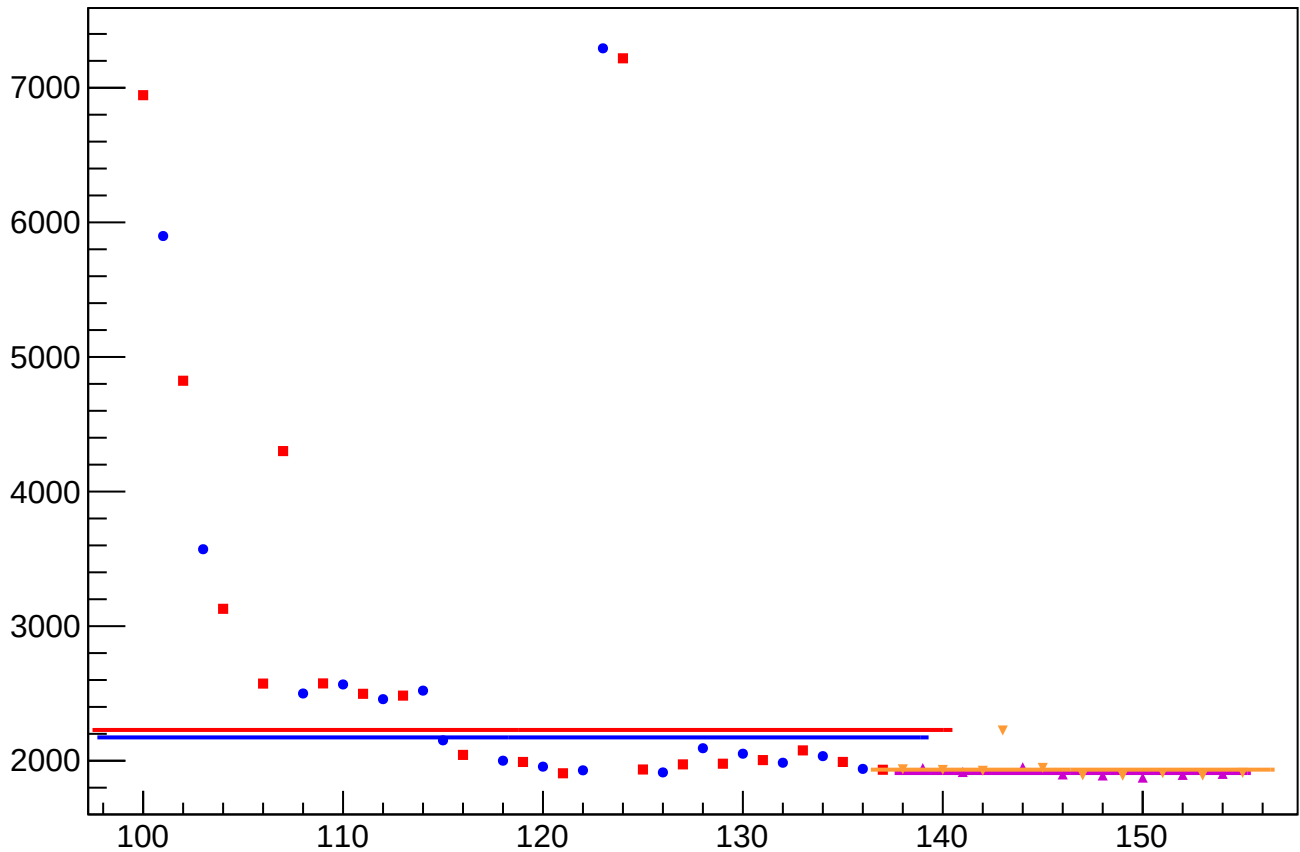
Left In: 1315.233+/-741.808 χ^2/NDF :14.1/7

+ sign -950.648+/-551.168 χ^2/NDF : 31.9/26

All: 113.272+/-394.089 χ^2/NDF : 70.6/53

- sign 1226.106+/-563.695 χ^2/NDF : 31.1/26

asym_at1_dd_rms vs Slug



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

Left Out: 1933.964 $\pm$ 0.506 χ^2 /NDF: 25557.5/9

Right Out: 2228.892 $\pm$ 0.613 χ^2 /NDF: 895863.4/18

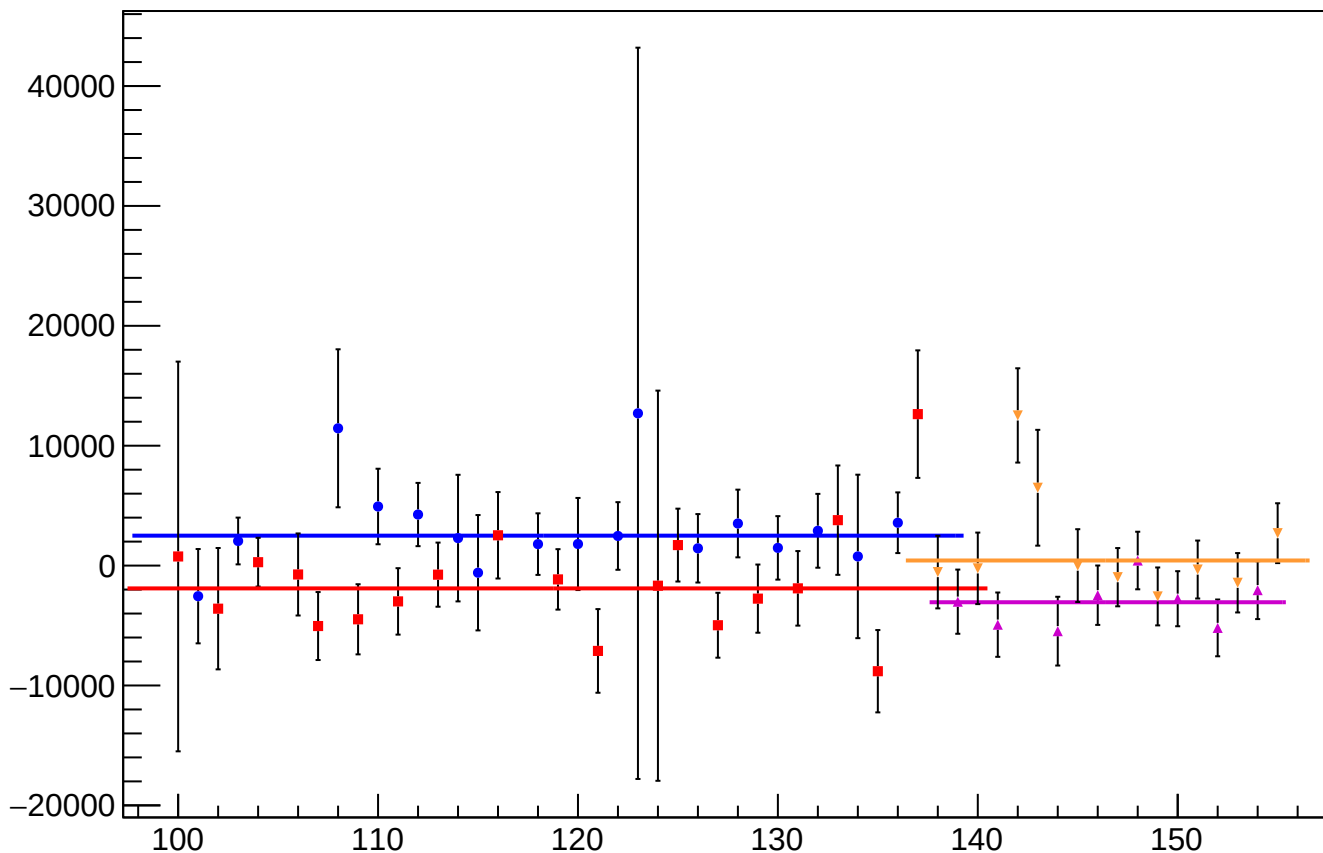
Left In: 1908.745 $\pm$ 0.525 χ^2 /NDF: 2302.2/7

+ sign 2031.195 $\pm$ 0.390 χ^2 /NDF: 922030.2/26

All: 2037.467 $\pm$ 0.279 χ^2 /NDF: 1978137.9/53

- sign 2044.028 $\pm$ 0.399 χ^2 /NDF: 1055577.8/26

dit_asym_at2_avg_mean vs Slug



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

Left Out: 425.584 ± 886.271 χ^2/NDF : 14.6/9

Right Out: -1902.970 ± 736.793 χ^2/NDF : 23.5/18

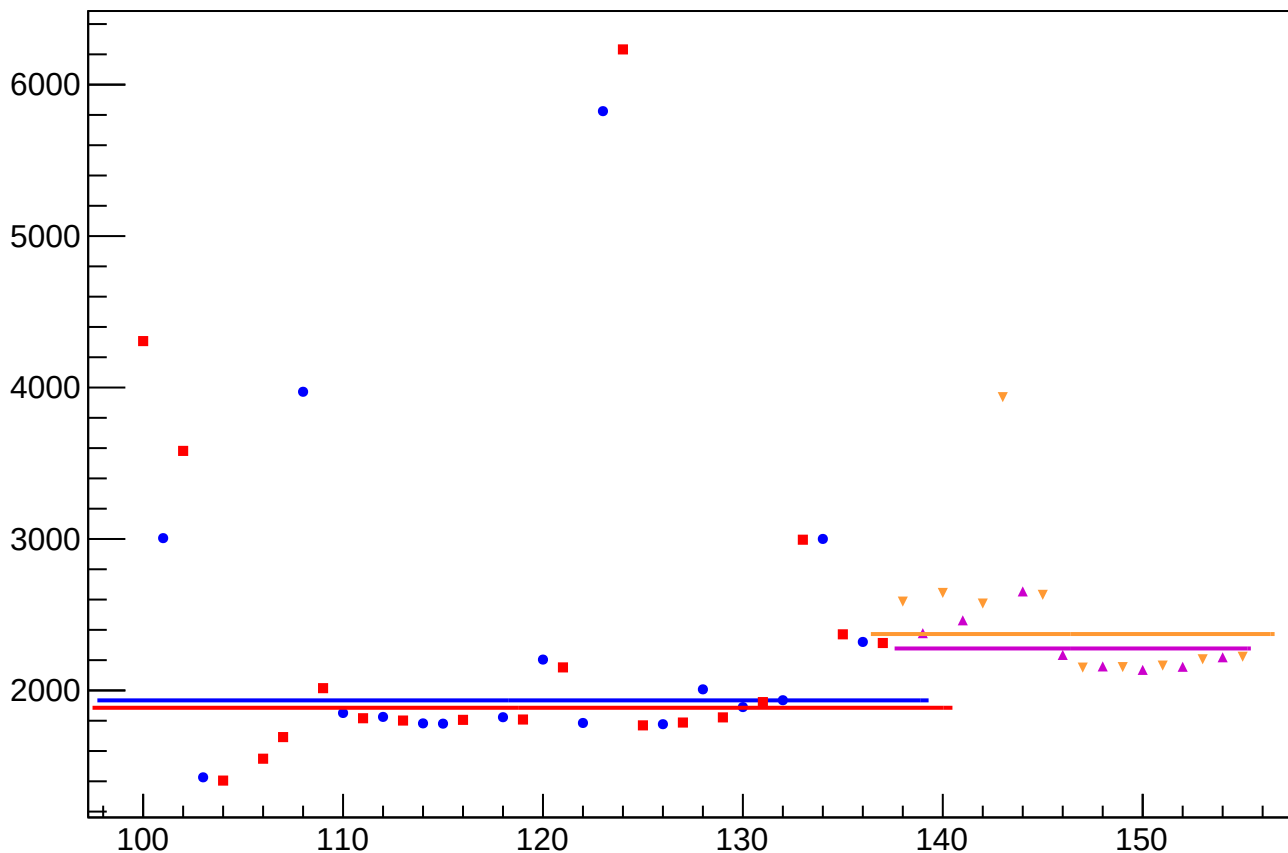
Left In: -3057.037 ± 885.288 χ^2/NDF : 4.4/7

+ sign 1608.021 ± 580.529 χ^2/NDF : 23.6/26

All: -432.956 ± 405.378 χ^2/NDF : 76.5/53

- sign -2375.231 ± 566.318 χ^2/NDF : 28.8/26

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2372.391+/-0.627 χ^2/NDF : 320144.5/9

Right Out: 1885.547+/-0.521 χ^2/NDF : 752091.8/18

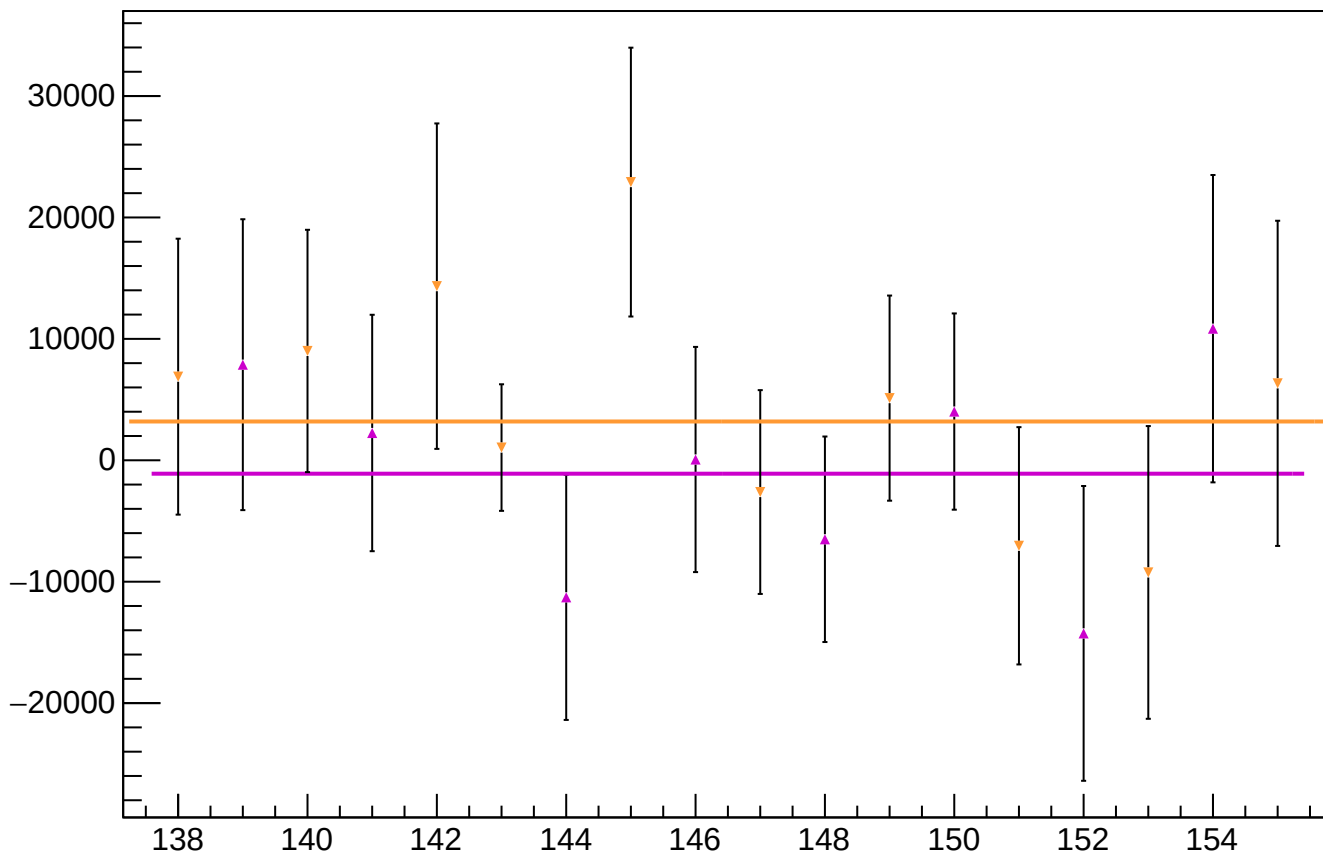
Left In: 2277.072+/-0.626 χ^2/NDF : 66368.5/7

+ sign 2122.325+/-0.410 χ^2/NDF : 1237940.9/26

All: 2083.074+/-0.287 χ^2/NDF : 2305382.3/53

- sign 2045.730+/-0.400 χ^2/NDF : 1049599.9/26

asym_at2_avg_correction_mean vs Slug



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

Left Out: 3195.560+/-2893.299 χ^2/NDF : 7.2/9

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

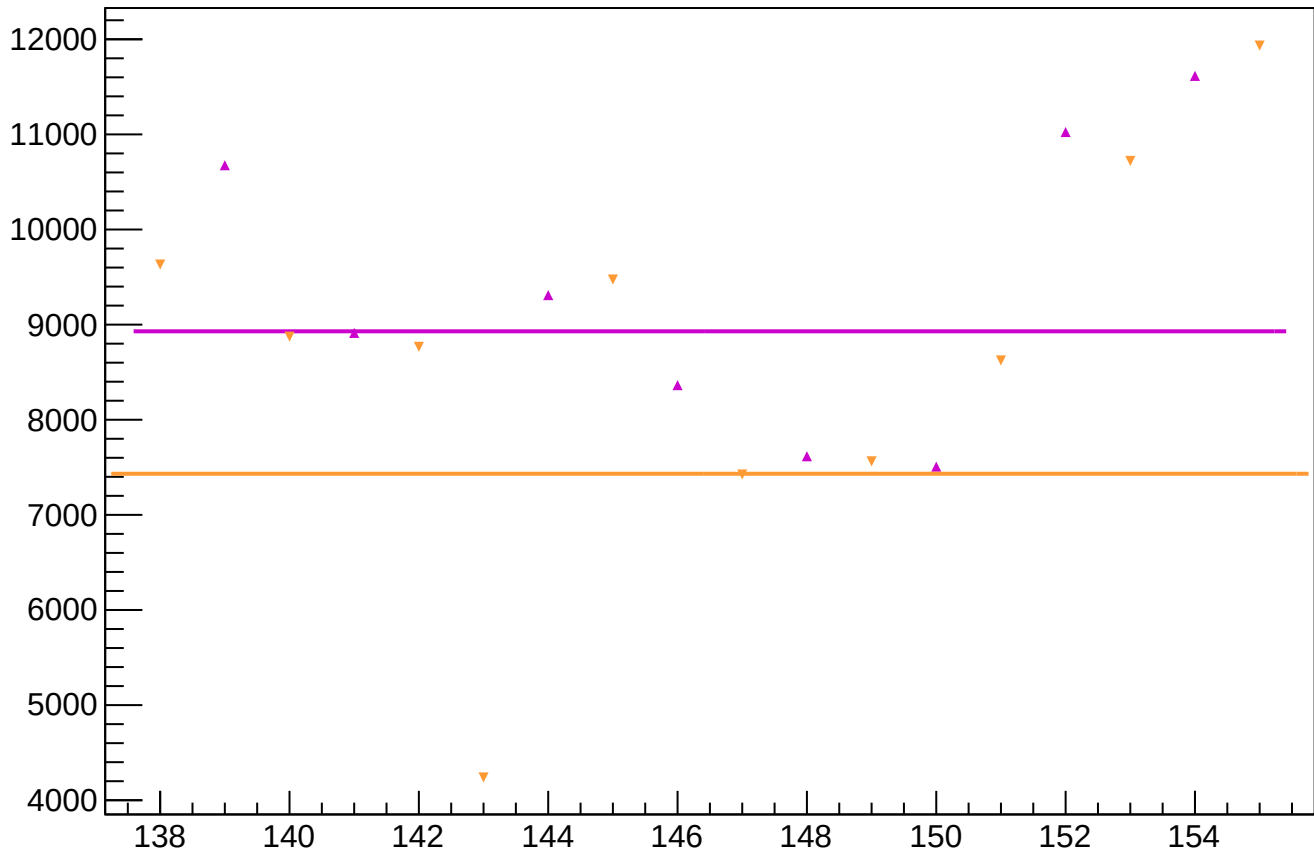
Left In: -1104.905+/-3508.334 χ^2/NDF : 4.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1454.715+/-2232.149 χ^2/NDF : 12.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_correction_rms vs Slug



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

Left Out: 7432.250+/-2.046 χ^2/NDF :1360039.0/9

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

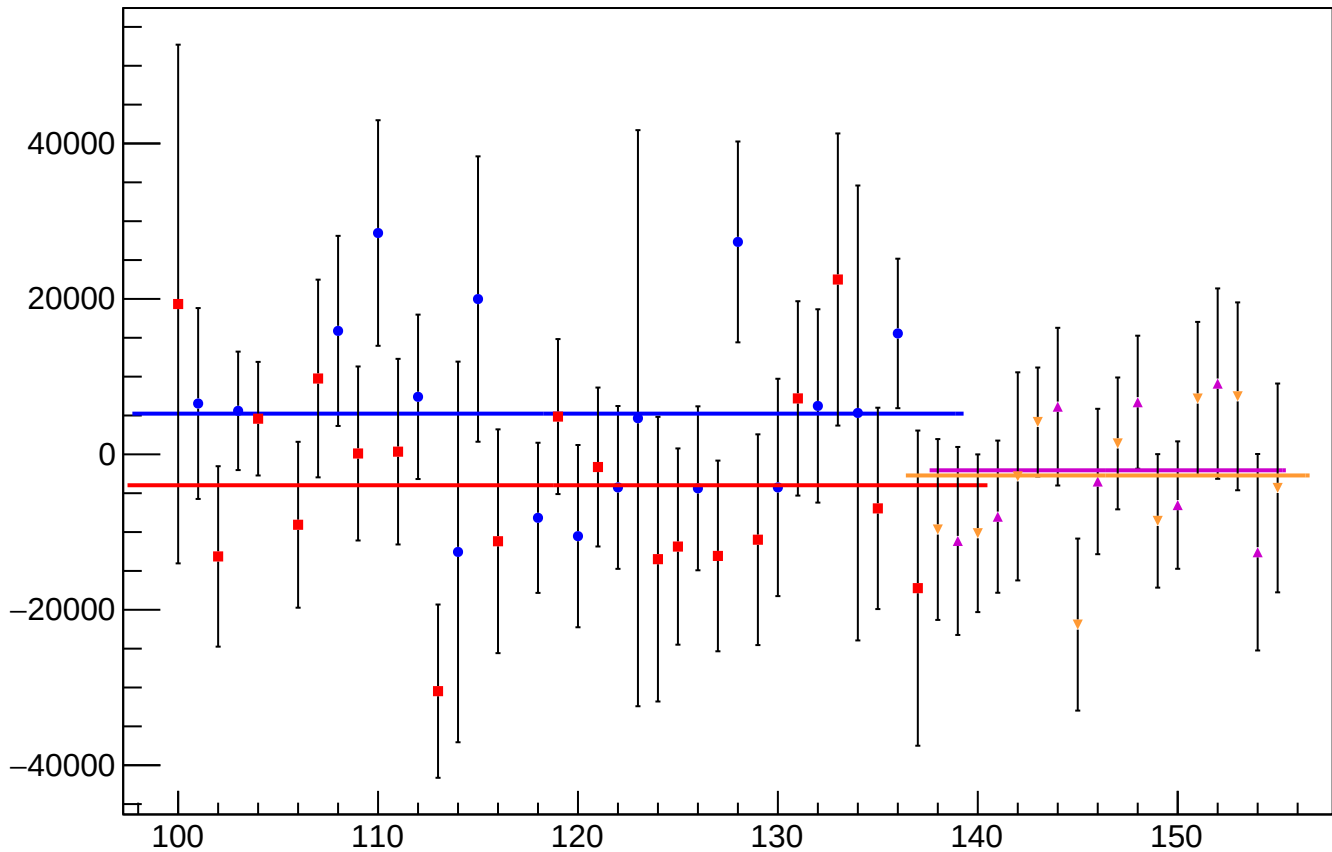
Left In: 8929.899+/-2.481 χ^2/NDF :312518.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8038.504+/-1.578 χ^2/NDF : 1889482.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



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

Left Out: -2715.980 +/- 3141.390 χ^2/NDF : 7.3/9

Right Out: -3976.061 +/- 2790.421 χ^2/NDF : 15.6/18

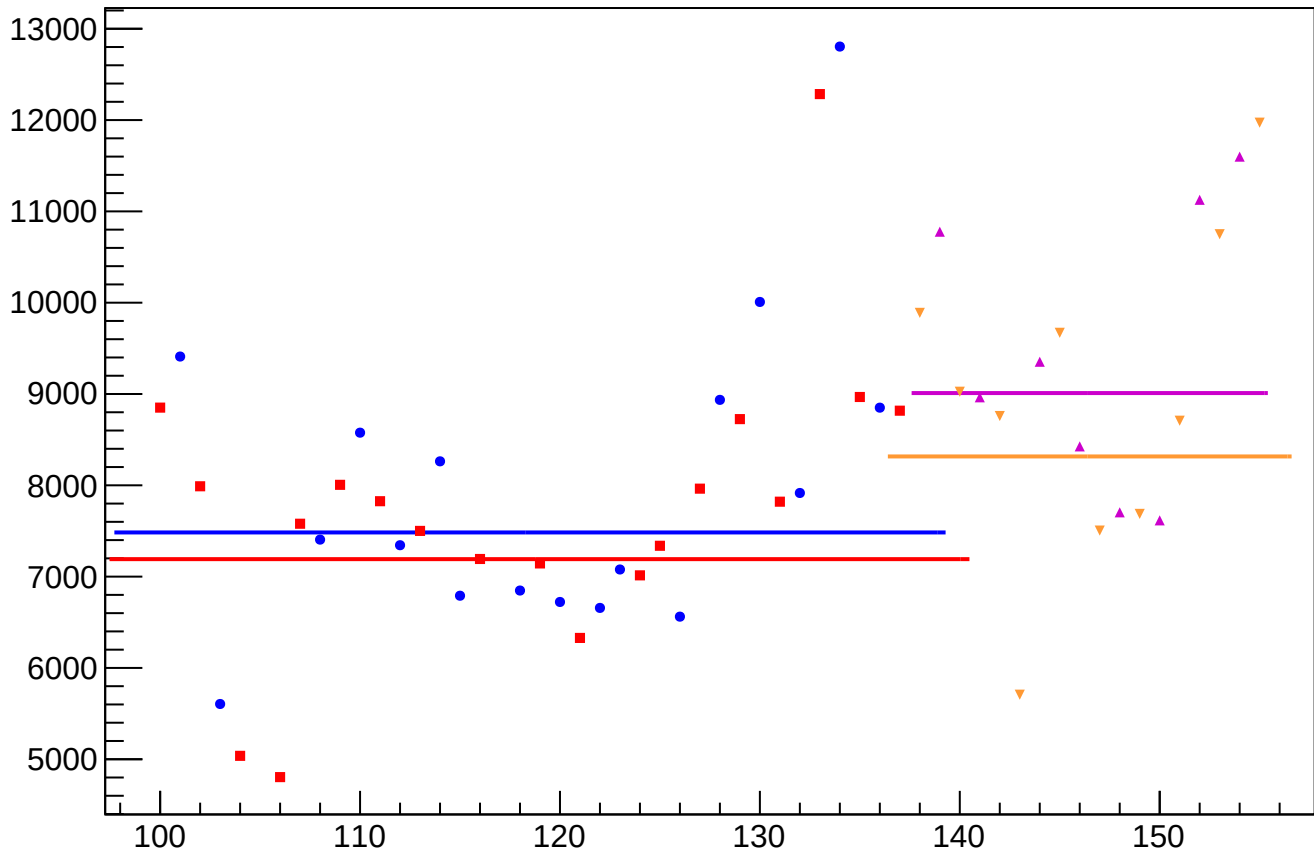
Left In: -2051.524 +/- 3538.770 χ^2/NDF : 4.5/7

+ sign 1516.124 +/- 2148.957 χ^2/NDF : 25.2/26

All: -814.815 +/- 1534.246 χ^2/NDF : 47.9/53

- sign -3238.208 +/- 2191.160 χ^2/NDF : 20.3/26

asym_at2_avg_rms vs Slug



Right In: 7483.785 ± 2.083 χ^2/NDF : 431806.2/16

Left Out: 8316.090 ± 2.221 χ^2/NDF : 617169.9/9

Right Out: 7191.451 ± 1.973 χ^2/NDF : 558753.1/18

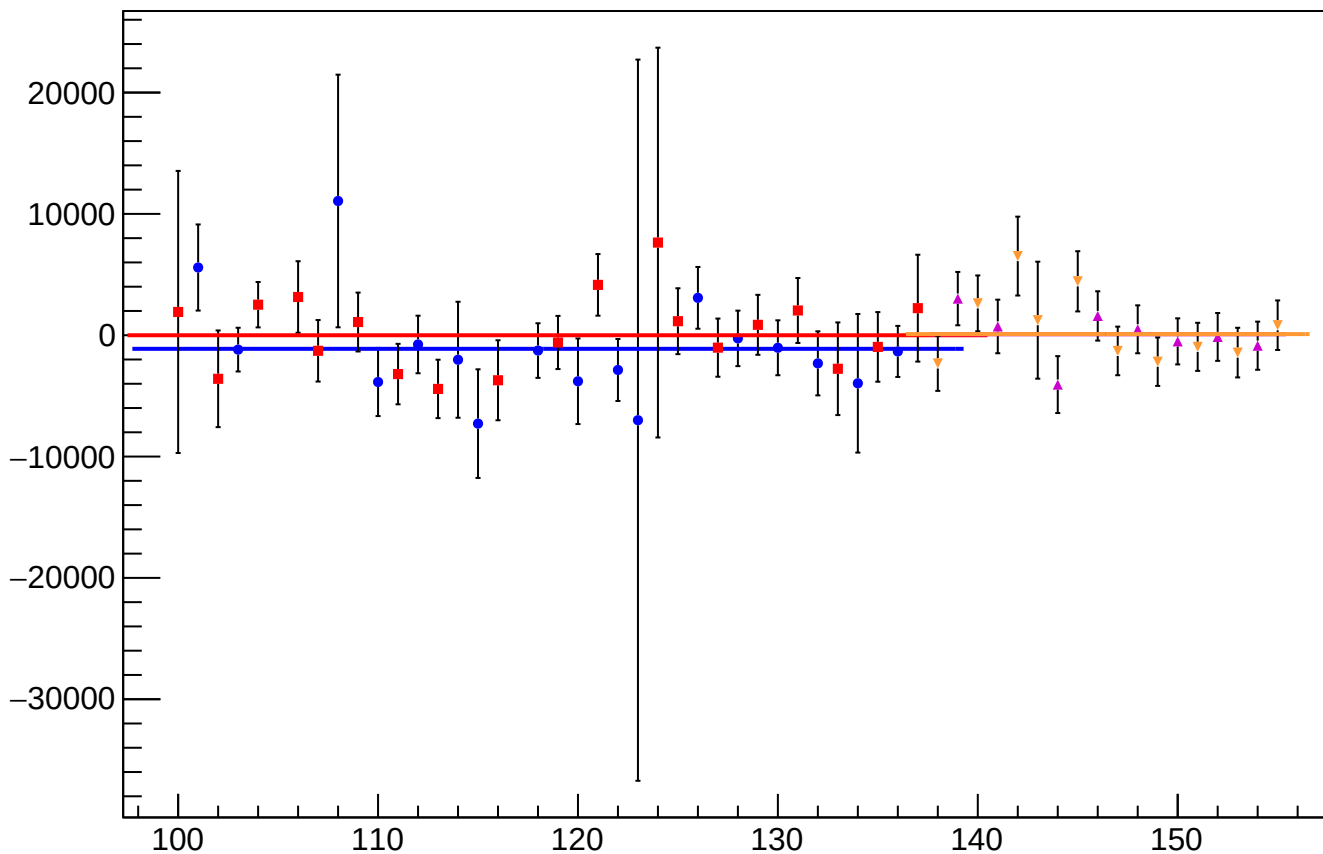
Left In: 9010.276 ± 2.502 χ^2/NDF : 300801.0/7

+ sign 7873.263 ± 1.520 χ^2/NDF : 1123673.0/26

All: 7880.814 ± 1.085 χ^2/NDF : 2309083.1/53

- sign 7888.665 ± 1.549 χ^2/NDF : 1185359.7/26

dit_asym_at2_dd_mean vs Slug



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

Left Out: 92.610 ± 722.025 χ^2/NDF : 12.1/9

Right Out: -2.515 ± 639.678 χ^2/NDF : 15.5/18

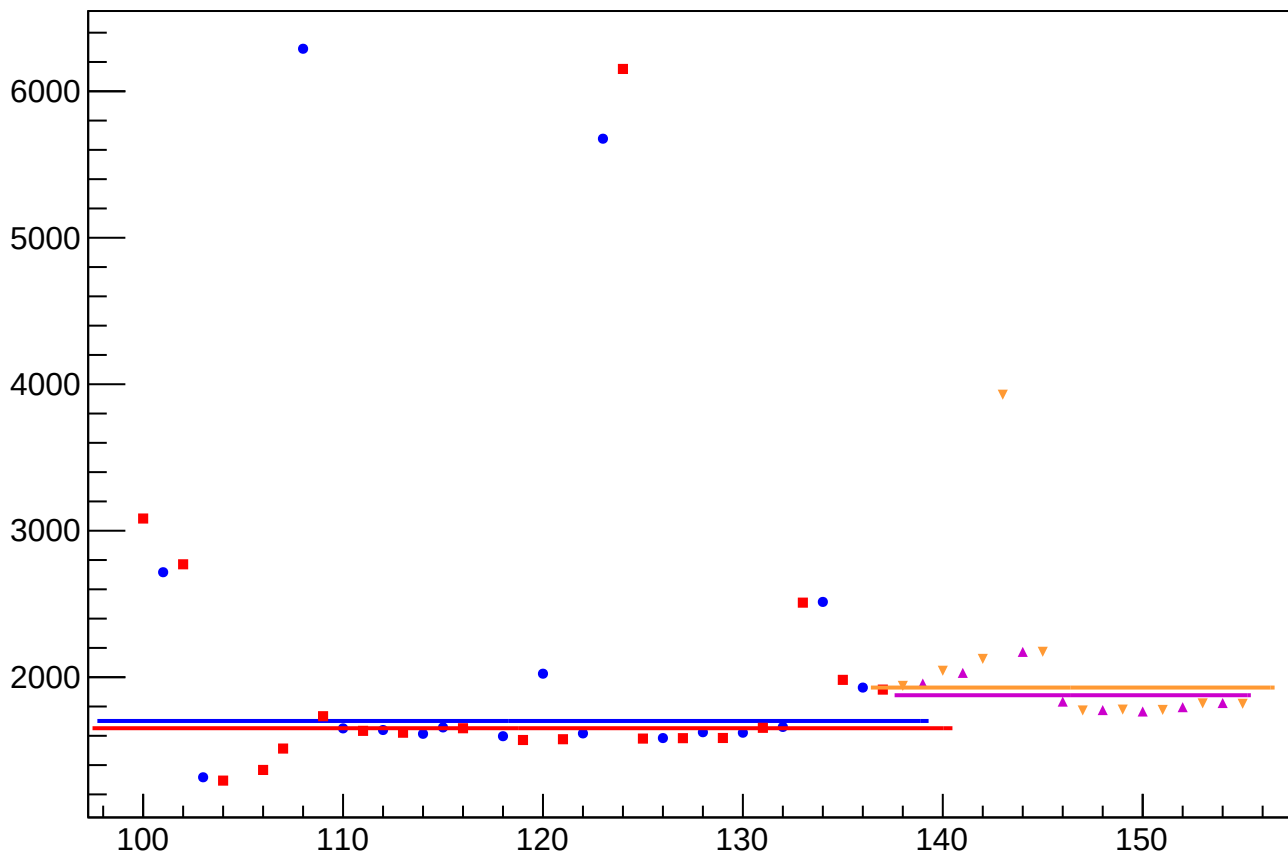
Left In: 77.821 ± 729.285 χ^2/NDF : 5.9/7

+ sign -551.019 ± 494.699 χ^2/NDF : 25.9/26

All: -251.049 ± 344.822 χ^2/NDF : 48.0/53

- sign 32.417 ± 480.899 χ^2/NDF : 21.4/26

dit_asym_at2_dd_rms vs Slug



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

Left Out: 1929.346+/-0.511 χ^2/NDF : 422497.0/9

+ sign 1808.344+/-0.350 χ^2/NDF : 1307086.4/26

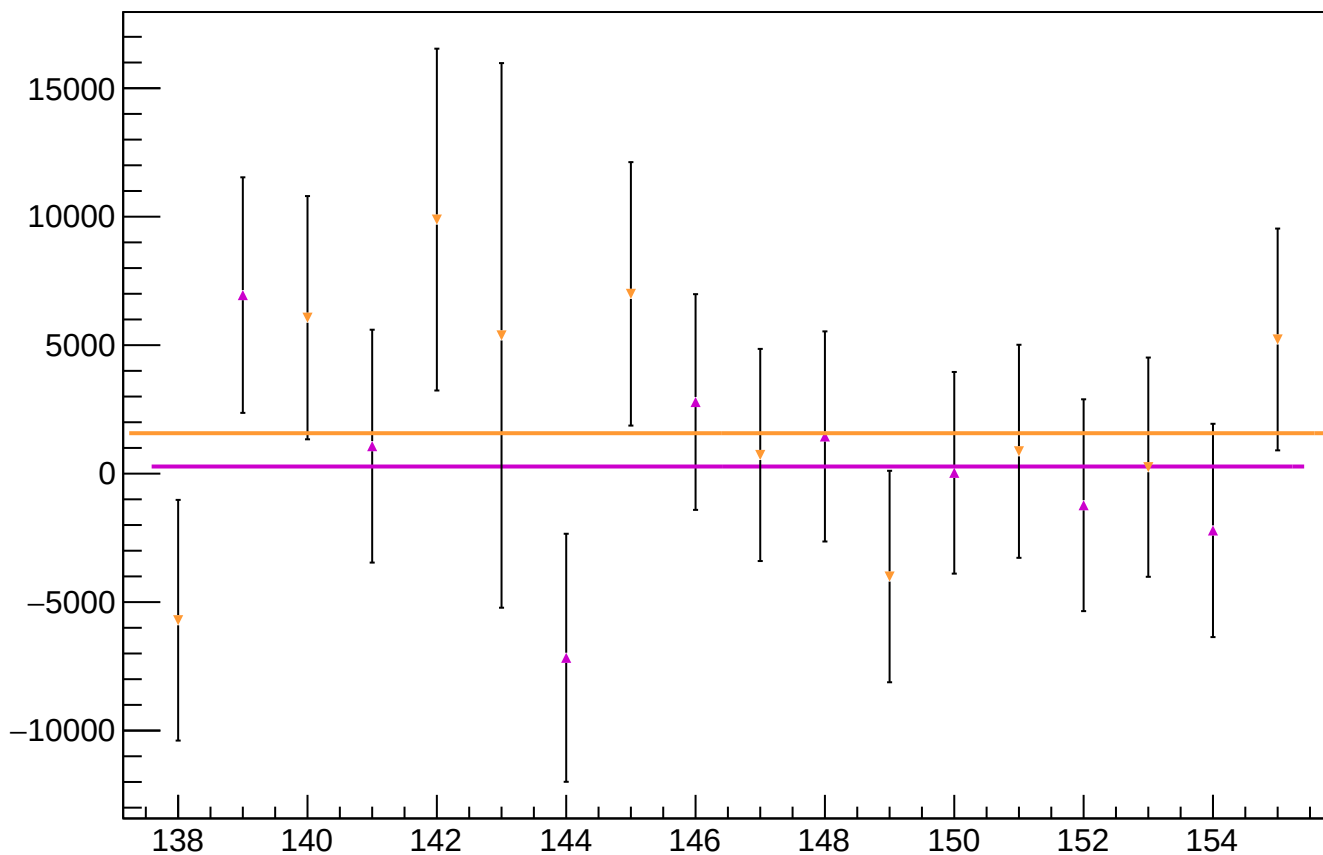
Right Out: 1651.734+/-0.452 χ^2/NDF : 588842.2/18

All: 1778.171+/-0.244 χ^2/NDF : 2080096.2/53

- sign 1749.658+/-0.340 χ^2/NDF : 758538.7/26

Left In: 1876.939+/-0.516 χ^2/NDF : 61906.6/7

asym_at2_dd_correction_mean vs Slug



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

Left Out: 1573.580+/-1500.246 χ^2/NDF :8.8/9

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

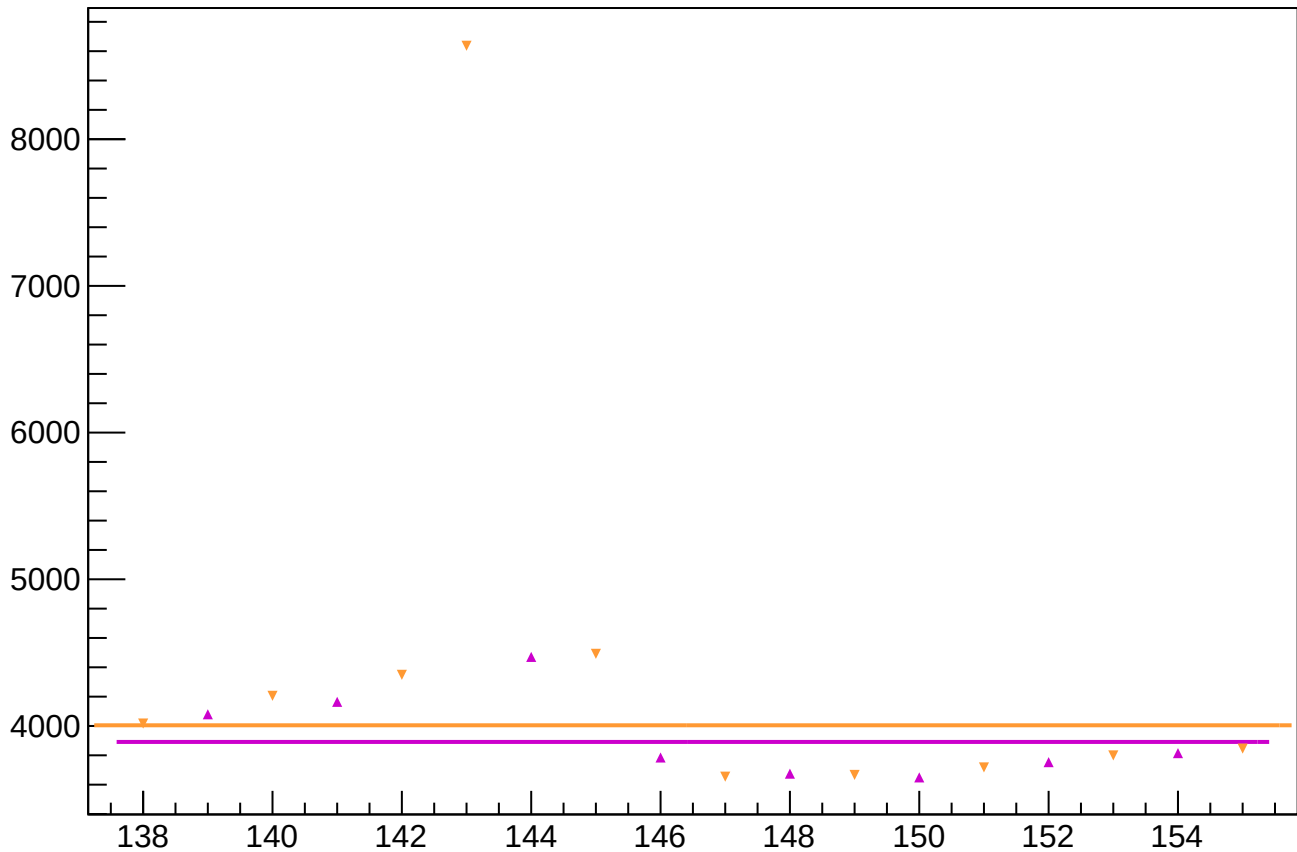
Left In: 277.171+/-1511.665 χ^2/NDF :5.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.291+/-1064.849 χ^2/NDF : 14.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_correction_rms vs Slug



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

Left Out: 4004.706+/-1.061 χ^2/NDF : 453964.7/9

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

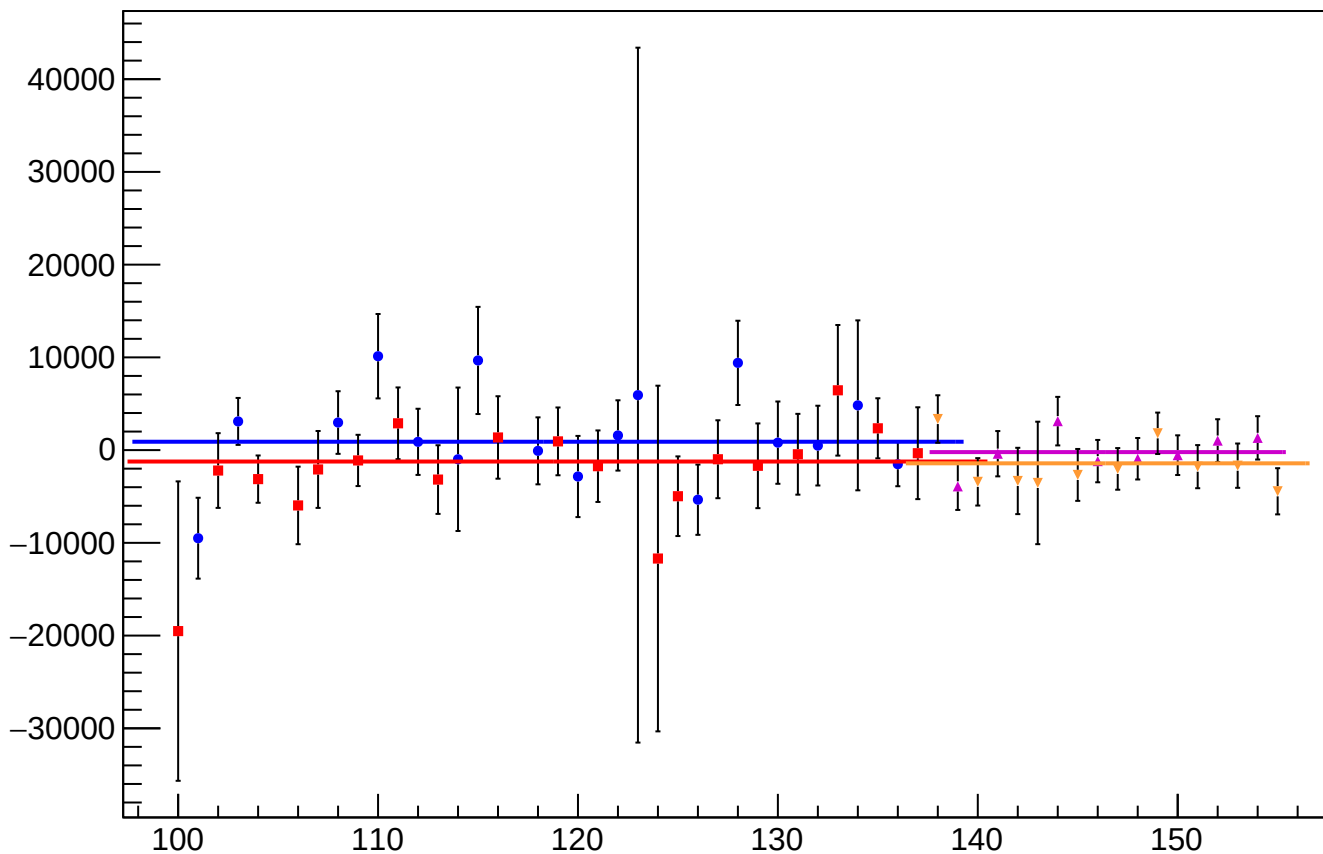
Left In: 3891.242+/-1.069 χ^2/NDF : 56884.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3948.404+/-0.753 χ^2/NDF : 516526.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



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

Left Out: -1425.314+/-829.054 χ^2/NDF : 8.4/9

Right Out: -1231.015+/-925.029 χ^2/NDF : 8.9/18

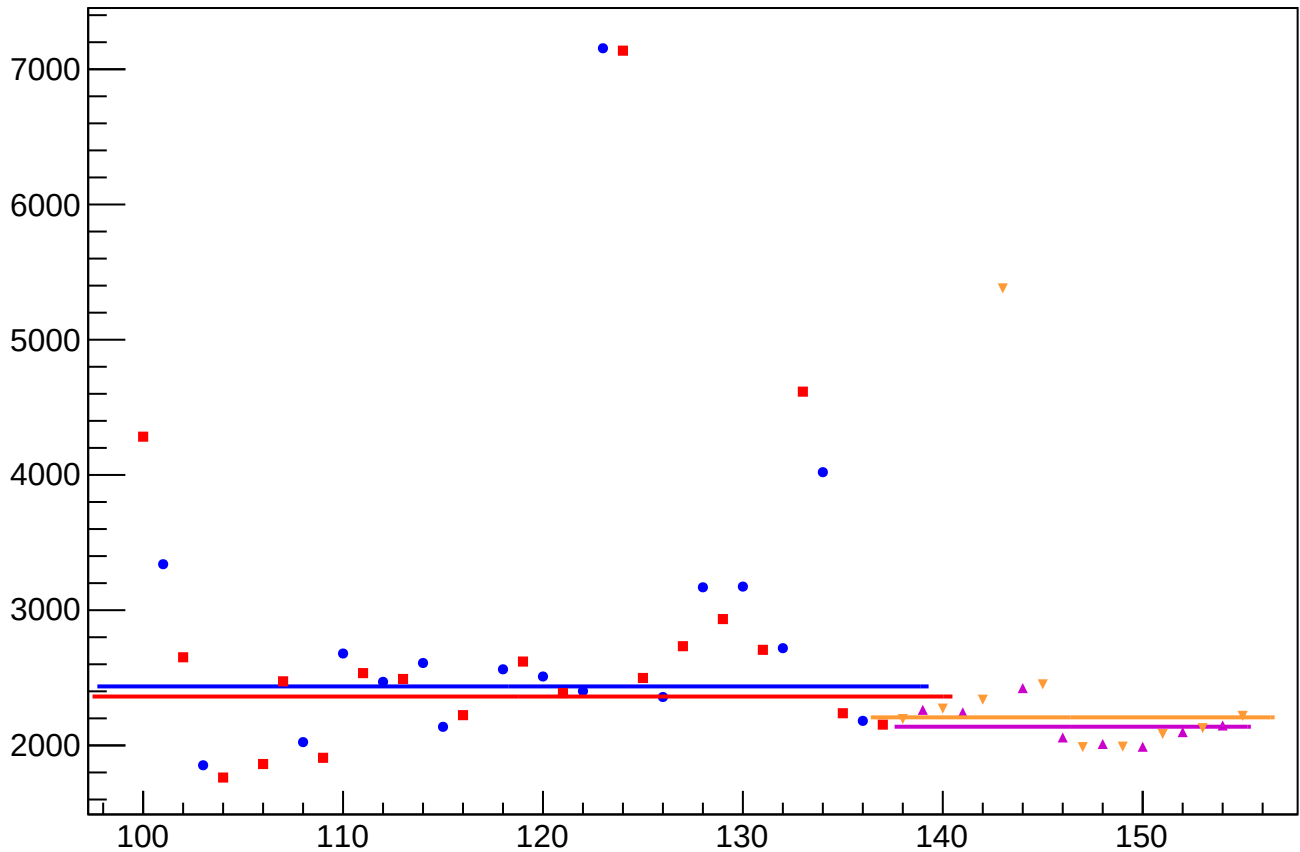
Left In: -214.654+/-830.545 χ^2/NDF : 4.8/7

+ sign -432.822+/-627.993 χ^2/NDF : 33.3/26

All: -552.446+/-440.482 χ^2/NDF : 47.7/53

- sign -668.292+/-617.997 χ^2/NDF : 14.3/26

asym_at2_dd_rms vs Slug



Right In: 2436.256+/-0.680 χ^2/NDF : 468552.3/16

Left Out: 2207.499+/-0.586 χ^2/NDF : 526653.3/9

Right Out: 2361.558+/-0.654 χ^2/NDF : 655845.9/18

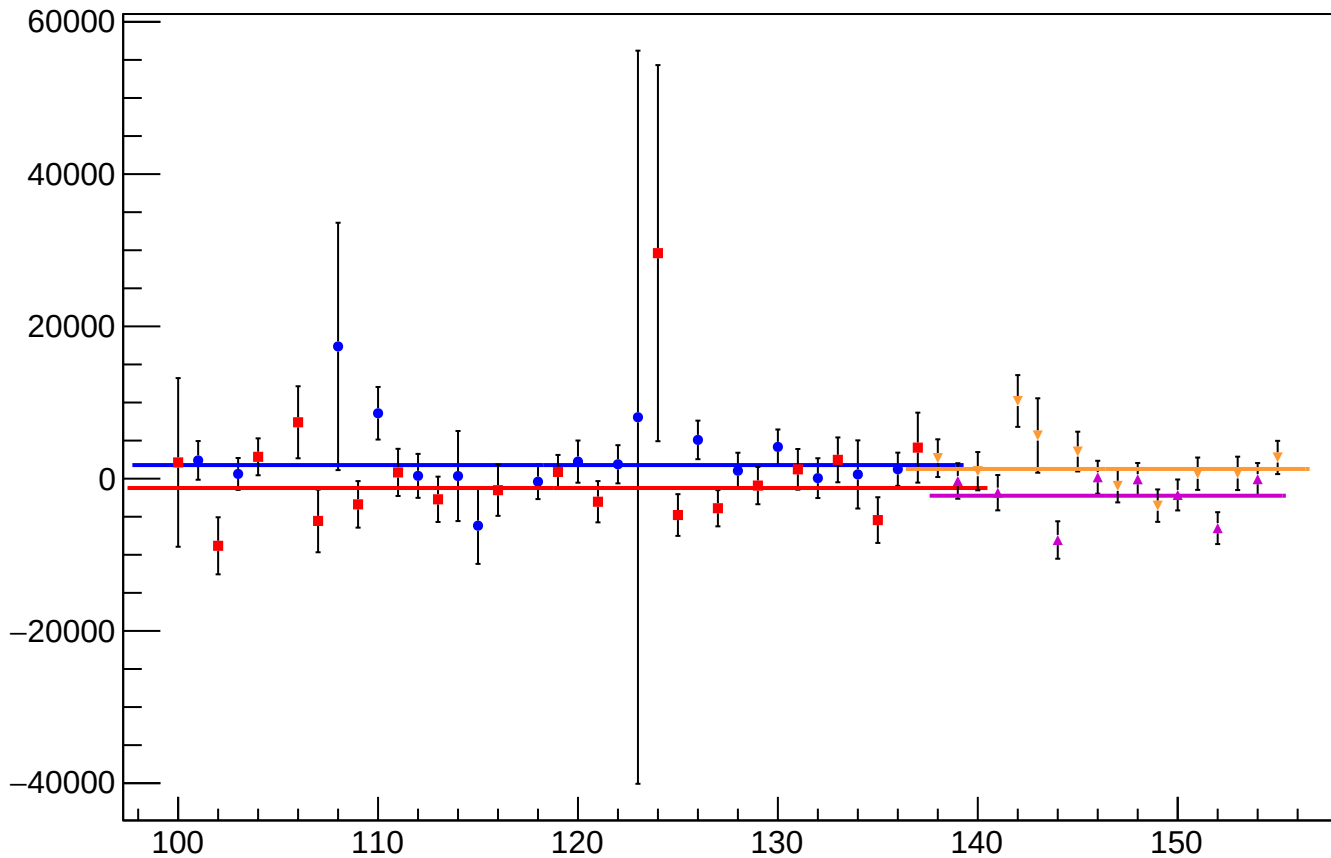
Left In: 2138.278+/-0.587 χ^2/NDF : 51548.3/7

+ sign 2305.000+/-0.444 χ^2/NDF : 1060106.6/26

All: 2270.930+/-0.311 χ^2/NDF : 1843603.9/53

- sign 2237.937+/-0.437 χ^2/NDF : 771910.2/26

dit_asym_atl_avg_mean vs Slug



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

Left Out: 1272.452 ± 774.031 χ^2/NDF : 15.6/9

Right Out: -1229.293 ± 708.144 χ^2/NDF : 24.2/18

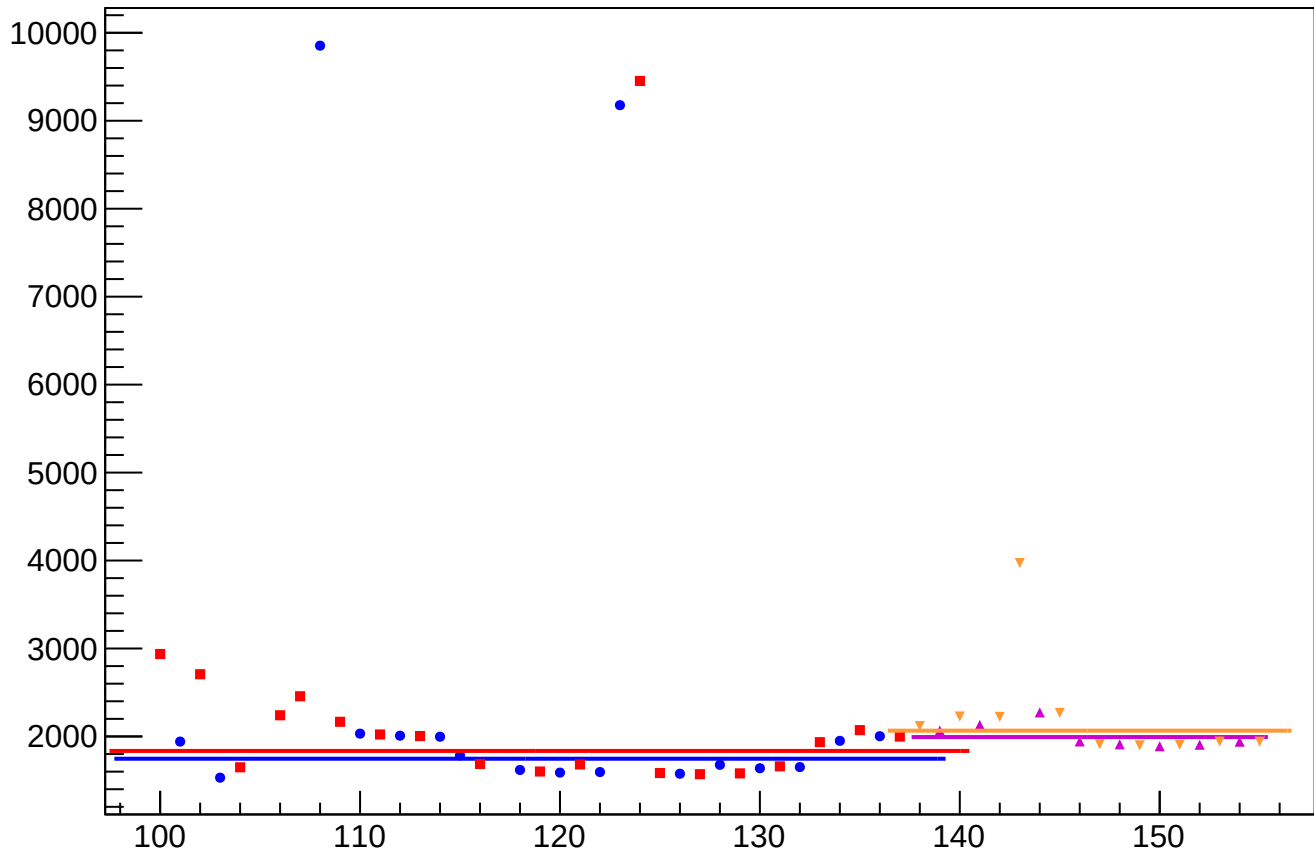
Left In: -2241.585 ± 775.618 χ^2/NDF : 13.8/7

+ sign 1555.609 ± 516.884 χ^2/NDF : 28.3/26

All: -47.972 ± 367.623 χ^2/NDF : 86.7/53

- sign -1689.500 ± 522.964 χ^2/NDF : 38.9/26

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2065.716+/-0.547 χ^2/NDF : 375970.8/9

Right Out: 1835.413+/-0.500 χ^2/NDF : 550402.9/18

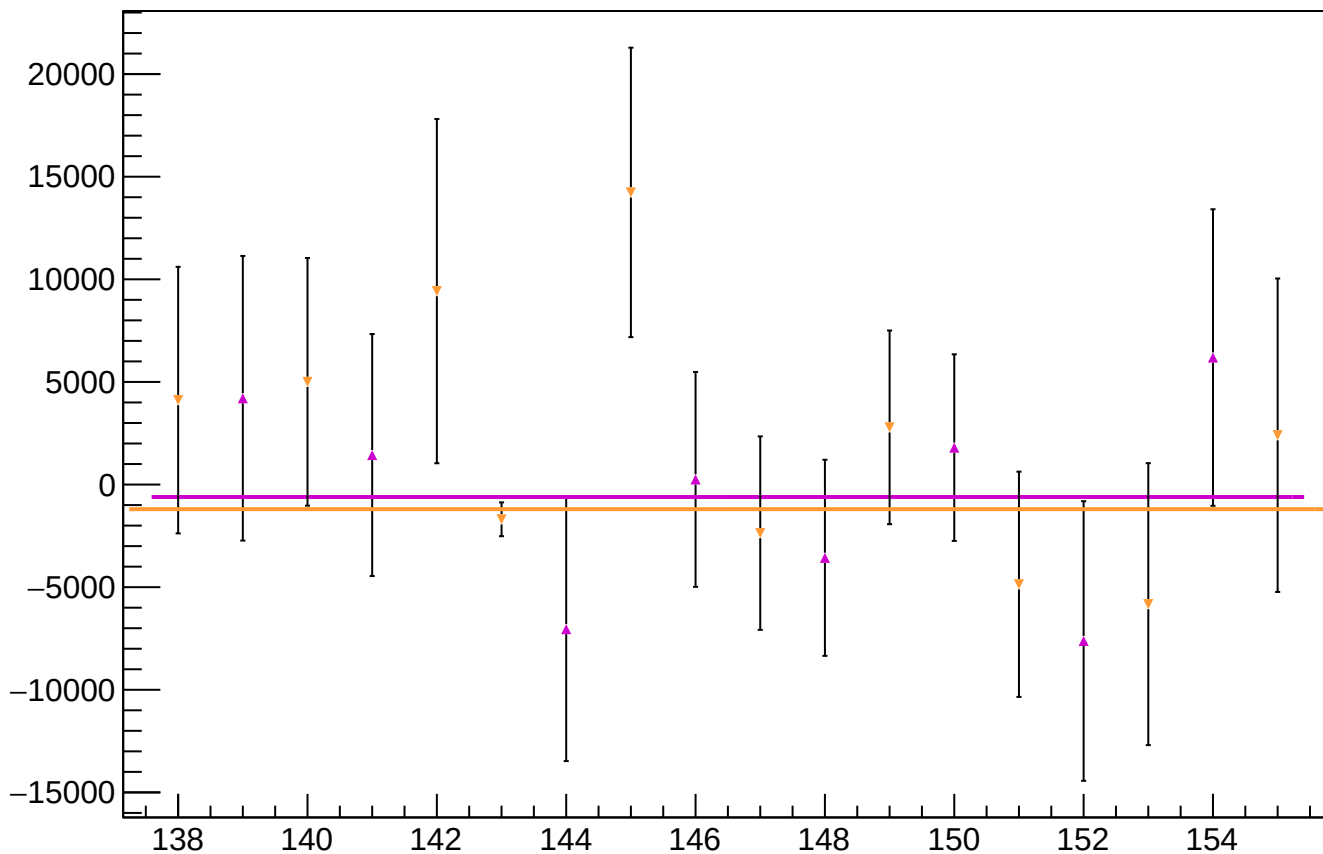
Left In: 1993.244+/-0.548 χ^2/NDF : 49057.4/7

+ sign 1889.035+/-0.365 χ^2/NDF : 1246530.3/26

All: 1897.954+/-0.260 χ^2/NDF : 1892411.0/53

- sign 1907.073+/-0.370 χ^2/NDF : 644676.4/26

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1198.881+/-762.787 χ^2/NDF :10.4/9

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

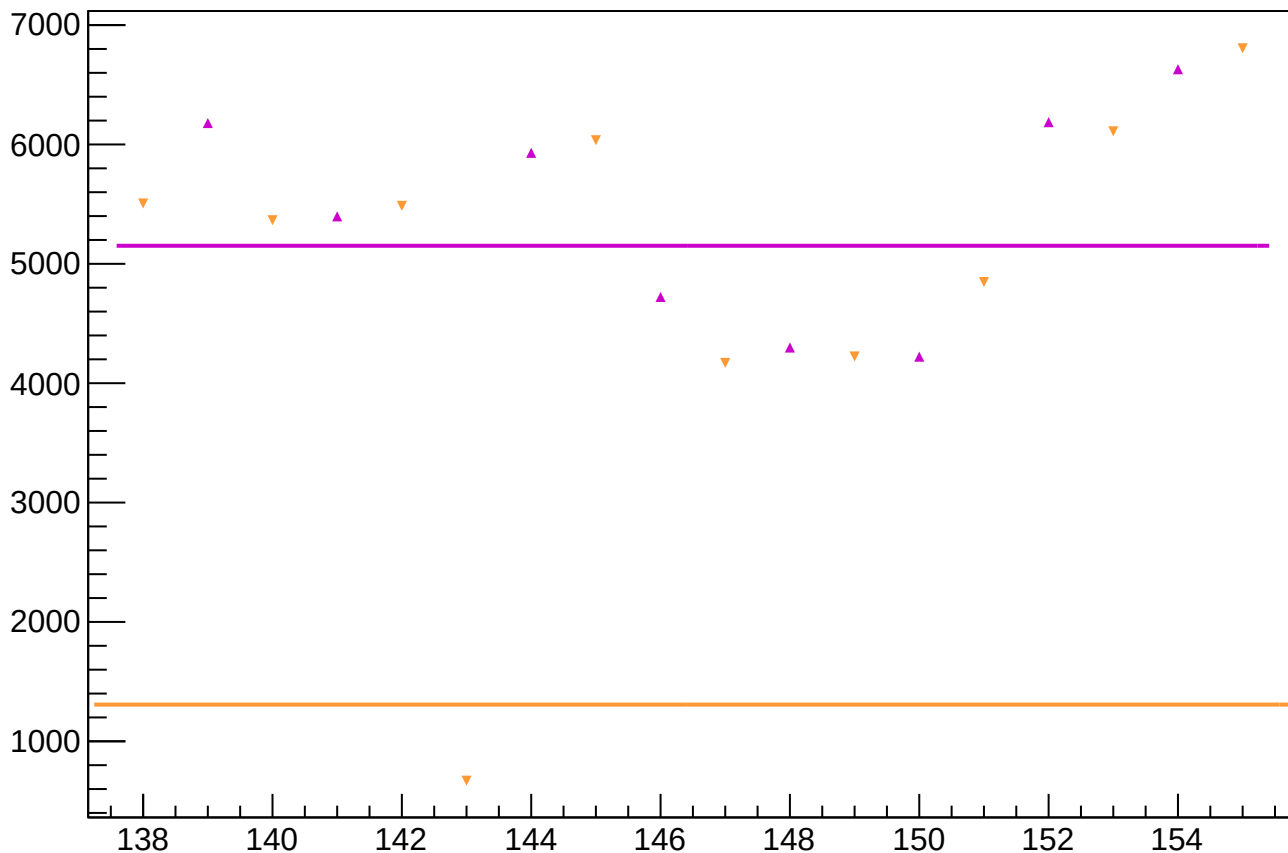
Left In: -607.086+/-2027.924 χ^2/NDF :4.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1125.530+/-713.952 χ^2/NDF : 14.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_correction_rms vs Slug



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

Left Out: 1307.662+/-0.539 χ^2/NDF : 8680612.1/9

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

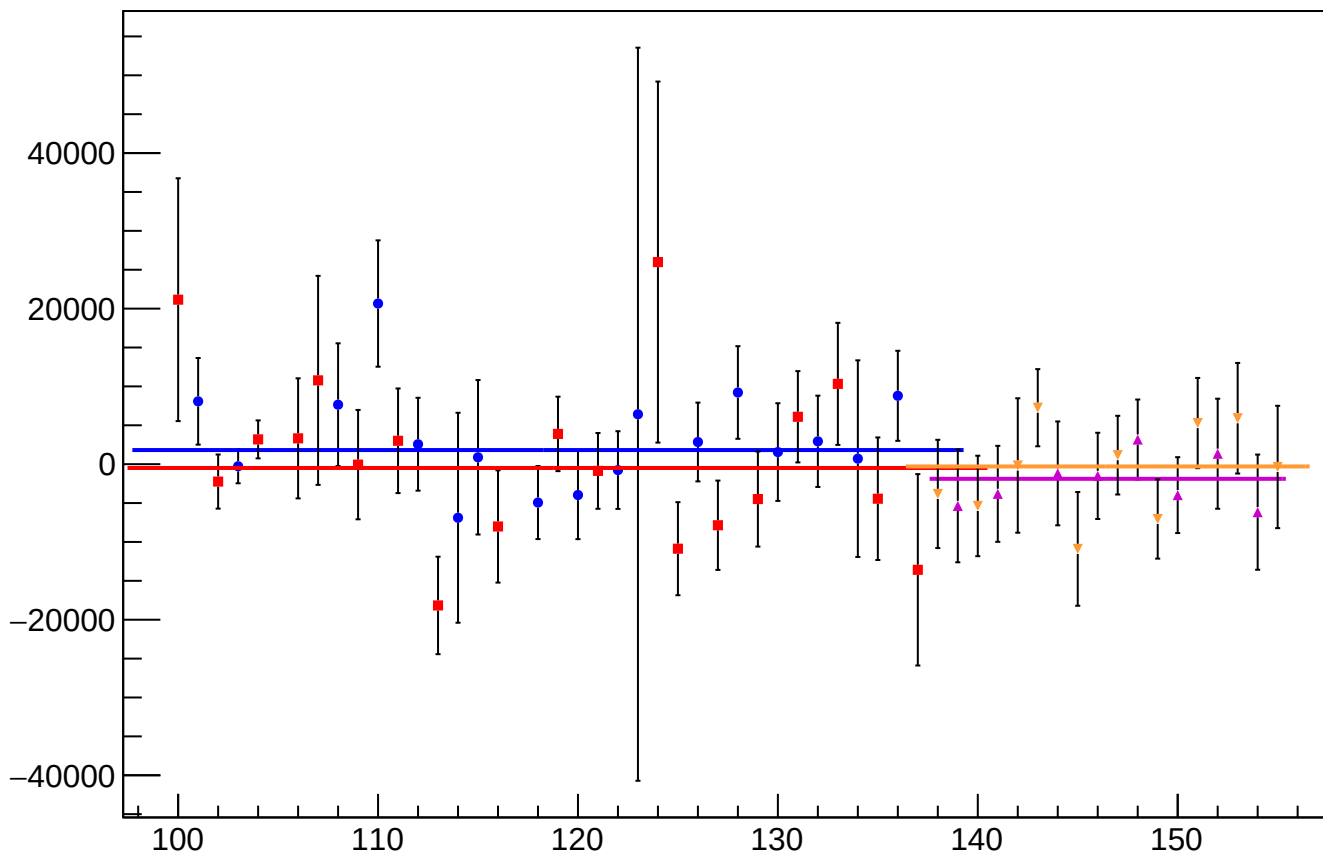
Left In: 5151.407+/-1.434 χ^2/NDF : 367420.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1784.081+/-0.505 χ^2/NDF : 15342609.1/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



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

Left Out: -293.536+/-1959.234 χ^2/NDF : 8.8/9

Right Out: -488.360+/-1286.073 χ^2/NDF : 26.5/18

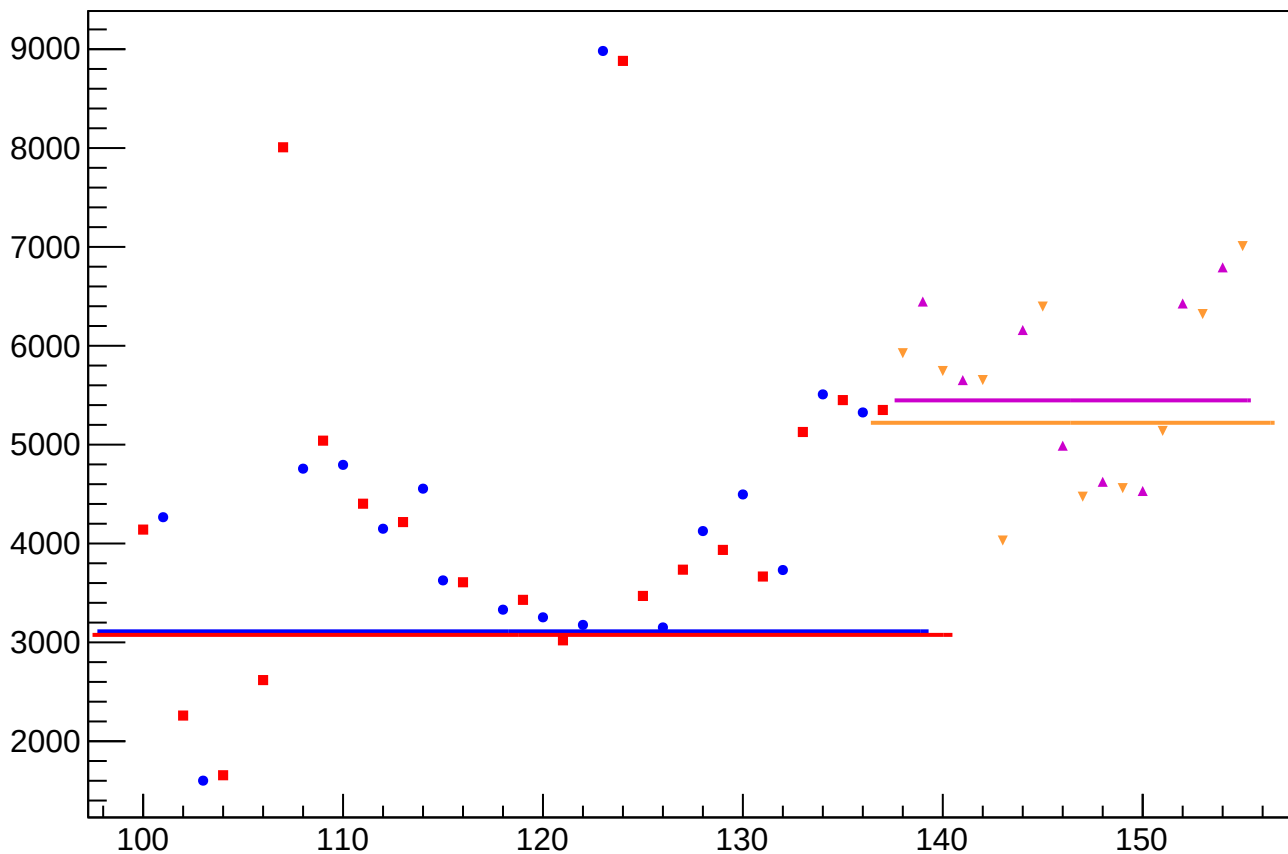
Left In: -1884.101+/-2140.474 χ^2/NDF : 2.0/7

+ sign 1169.044+/-1083.992 χ^2/NDF : 24.6/26

All: 172.296+/-772.922 χ^2/NDF : 55.2/53

- sign -858.577+/-1102.392 χ^2/NDF : 28.8/26

asym_atl_avg_rms vs Slug



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

Left Out: 5221.065+/-1.385 χ^2/NDF : 434291.6/9

Right Out: 3075.800+/-0.896 χ^2/NDF : 2009557.4/18

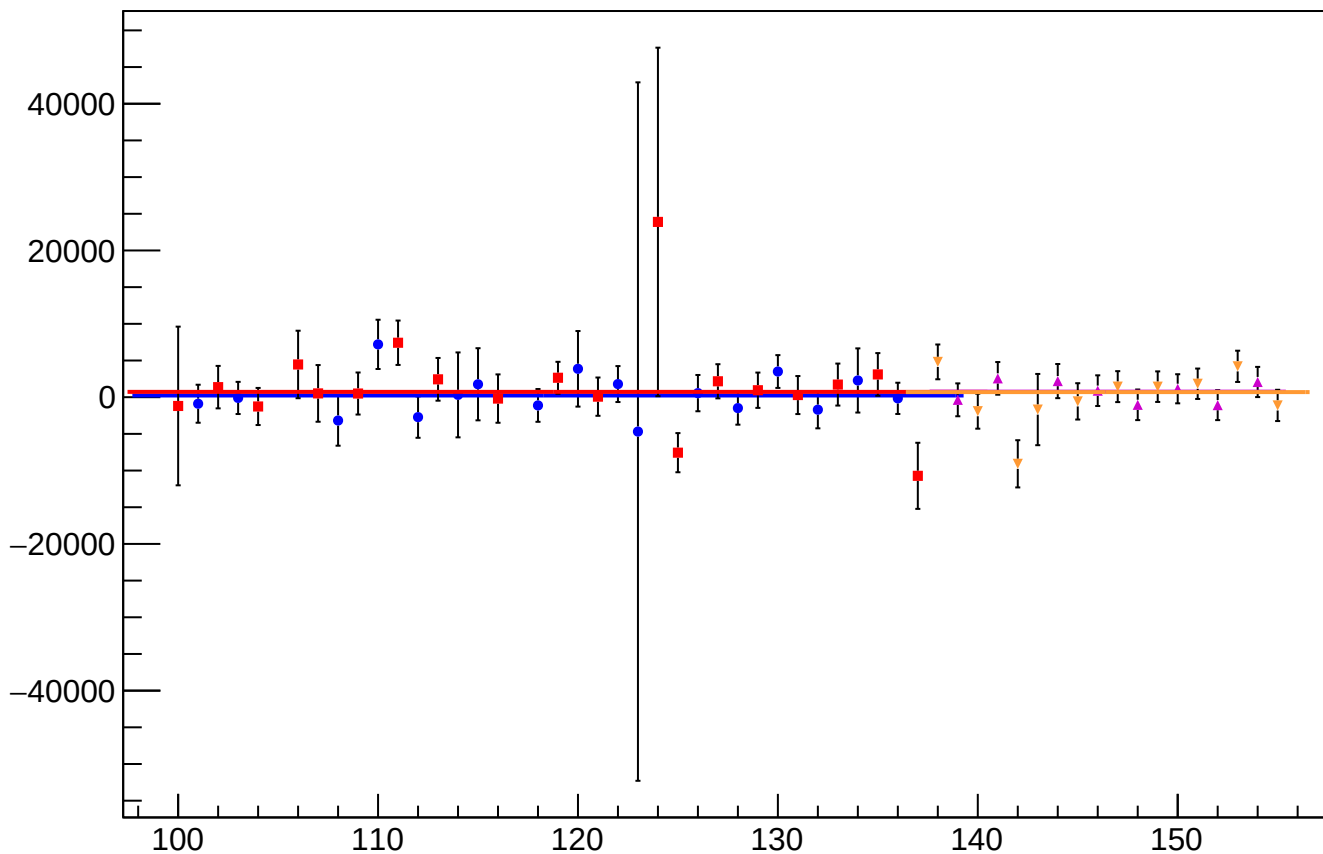
Left In: 5447.716+/-1.514 χ^2/NDF : 302859.8/7

+ sign 3757.299+/-0.766 χ^2/NDF : 3922110.9/26

All: 3724.629+/-0.544 χ^2/NDF : 8056512.6/53

- sign 3691.559+/-0.771 χ^2/NDF : 4130746.1/26

dit_asym_atl_dd_mean vs Slug



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

Left Out: 694.153+/-748.627 χ^2/NDF : 17.9/9

Right Out: 726.169+/-684.175 χ^2/NDF : 25.8/18

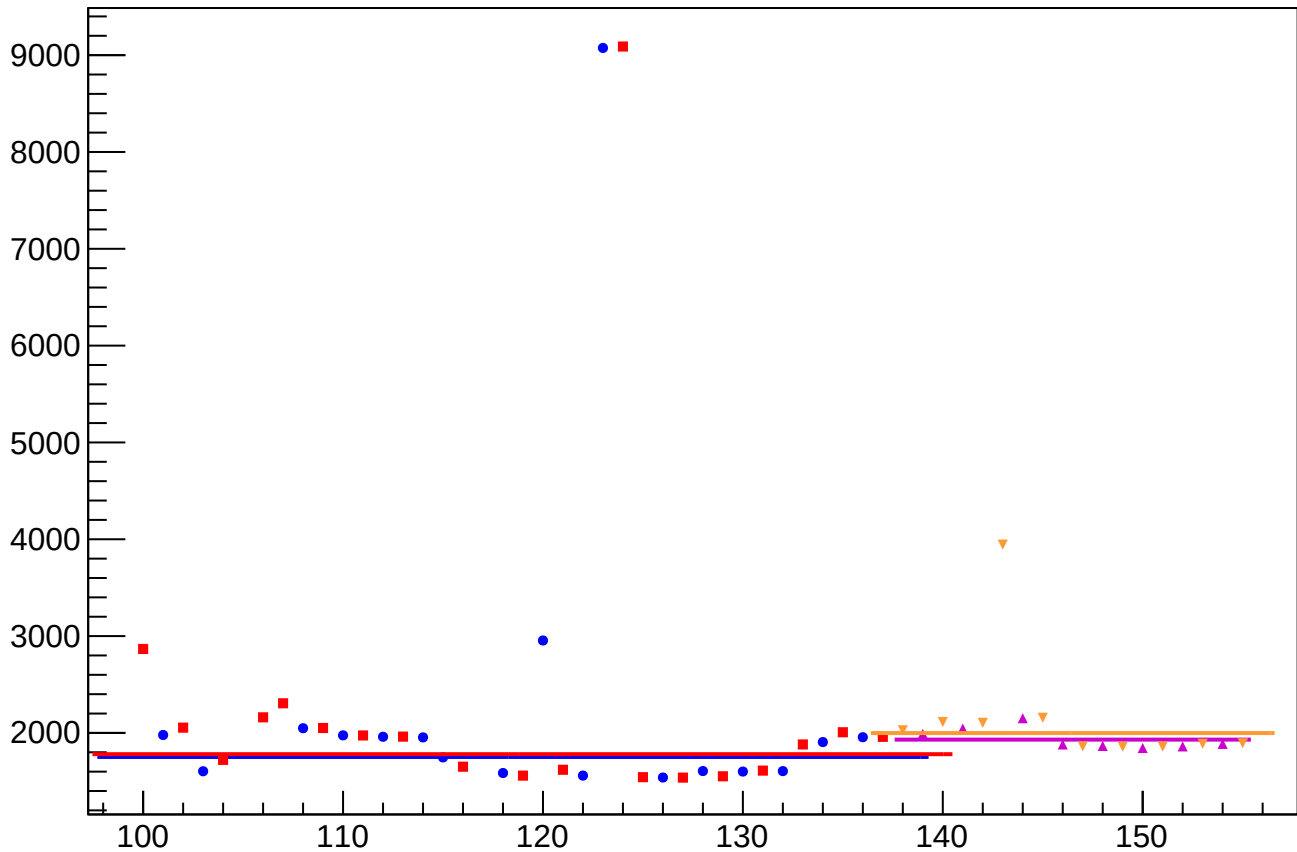
Left In: 754.818+/-750.789 χ^2/NDF : 3.3/7

+ sign 443.378+/-506.084 χ^2/NDF : 29.7/26

All: 591.385+/-357.719 χ^2/NDF : 59.0/53

- sign 739.166+/-505.699 χ^2/NDF : 29.1/26

dit_asym_atl_dd_rms vs Slug



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

Left Out: 1998.517+/-0.529 χ^2/NDF : 373450.0/9

+ sign 1864.576+/-0.358 χ^2/NDF : 792250.4/26

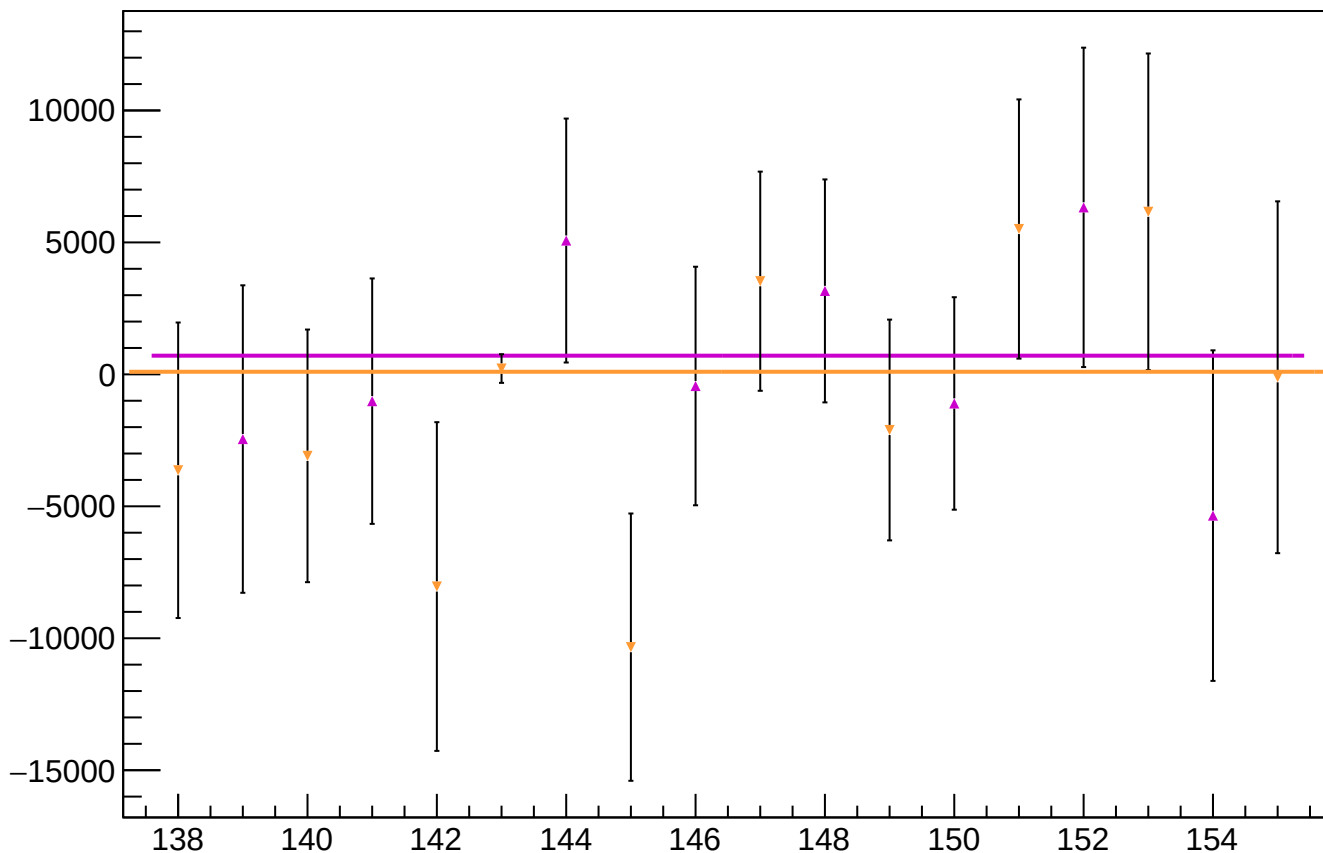
Right Out: 1780.209+/-0.483 χ^2/NDF : 428327.5/18

All: 1856.474+/-0.253 χ^2/NDF : 1300509.4/53

- sign 1848.399+/-0.357 χ^2/NDF : 507235.6/26

Left In: 1930.774+/-0.531 χ^2/NDF : 34901.4/7

asym_atl_dd_correction_mean vs Slug



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

Left Out: 98.337+/-517.106 χ^2/NDF :10.1/9

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

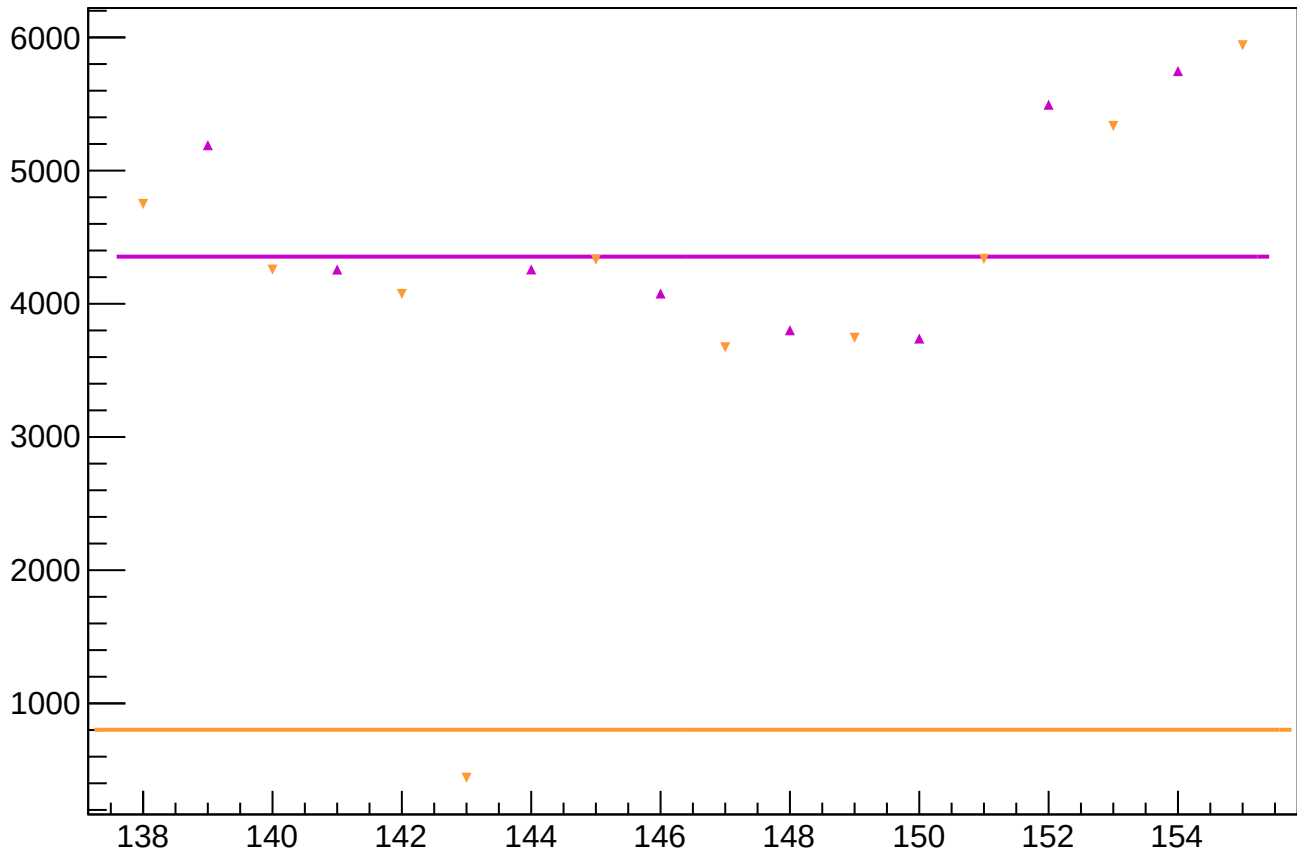
Left In: 707.772+/-1709.943 χ^2/NDF :3.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.401+/-494.968 χ^2/NDF : 13.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_correction_rms vs Slug



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

Left Out: 801.815+/-0.366 χ^2/NDF : 9753927.9/9

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

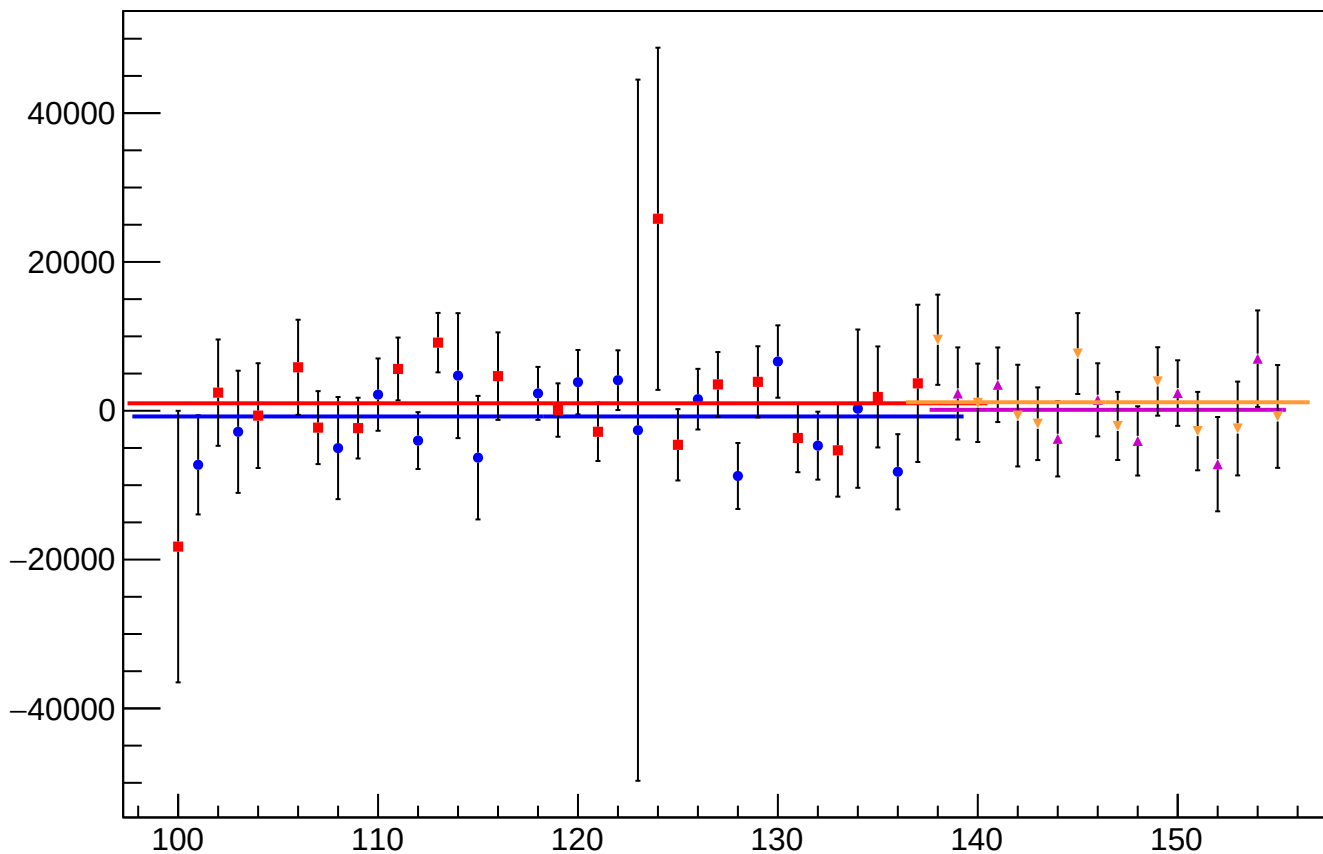
Left In: 4354.001+/-1.209 χ^2/NDF : 301363.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.451+/-0.350 χ^2/NDF : 17963046.8/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



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

Left Out: 1143.429 ± 1720.951 χ^2/NDF : 5.6/9

Right Out: 1004.792 ± 1191.116 χ^2/NDF : 15.0/18

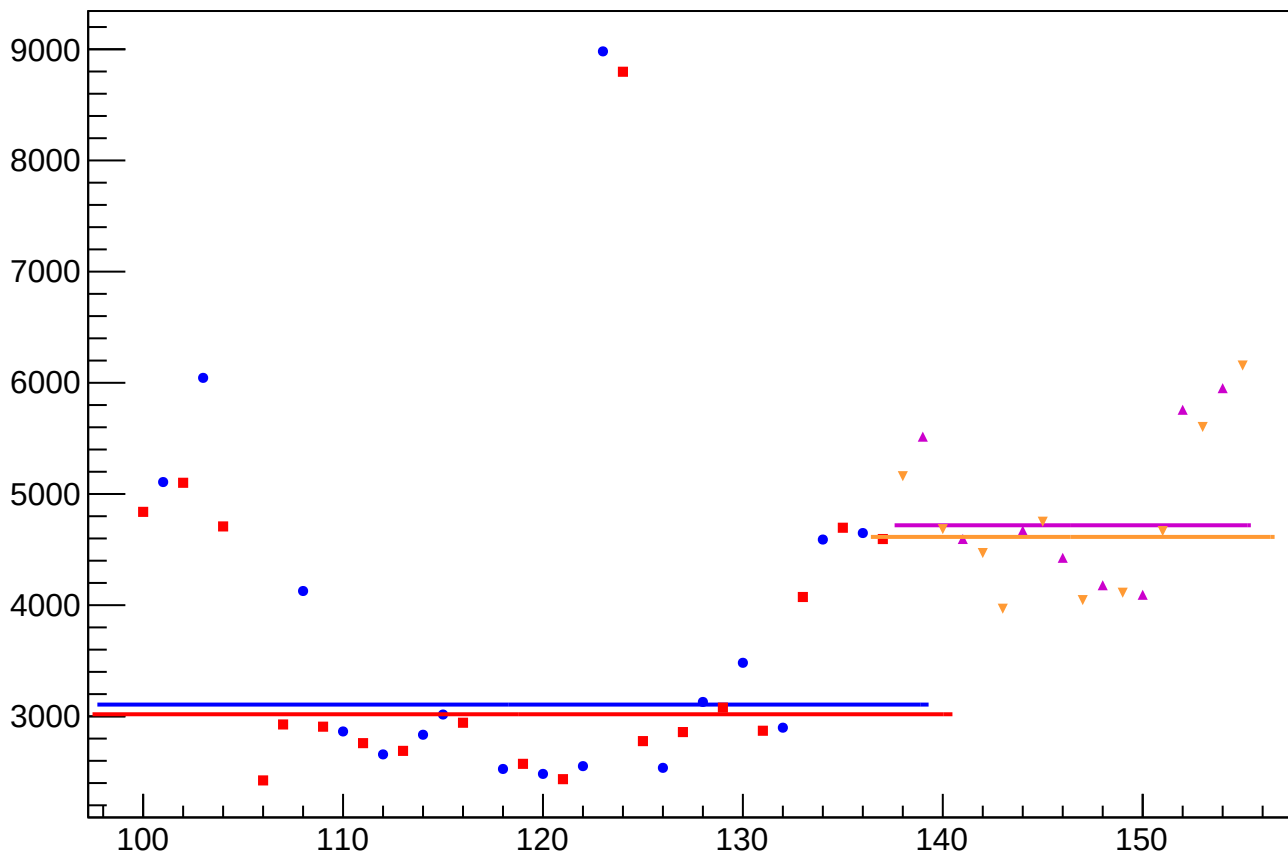
Left In: 126.206 ± 1848.333 χ^2/NDF : 4.8/7

+ sign -107.547 ± 1010.150 χ^2/NDF : 21.9/26

All: 323.512 ± 711.108 χ^2/NDF : 42.2/53

- sign 746.989 ± 1001.226 χ^2/NDF : 19.9/26

asym_atl_dd_rms vs Slug



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

Left Out: 4613.975+/-1.217 χ^2/NDF : 257360.2/9

Right Out: 3018.781+/-0.832 χ^2/NDF : 794275.0/18

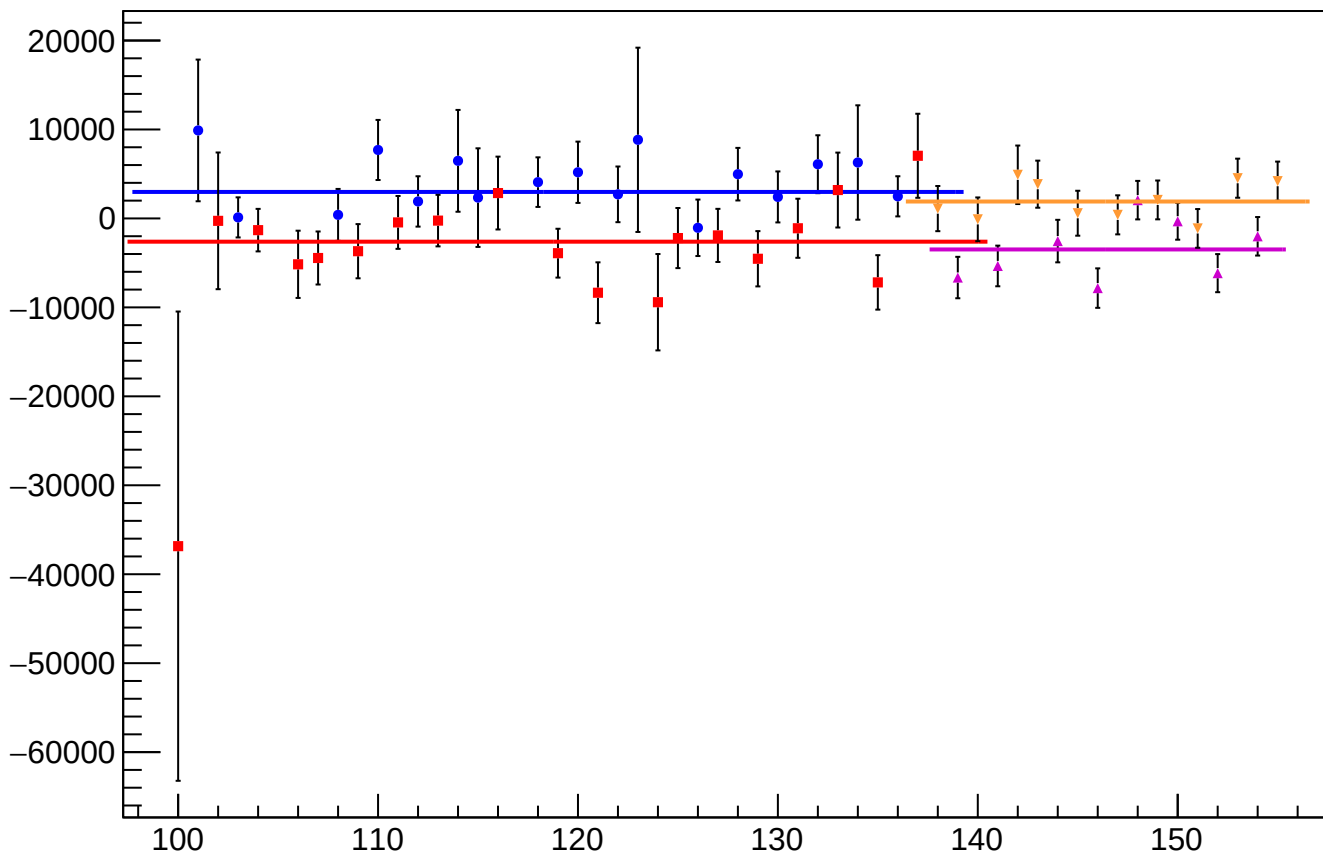
Left In: 4718.562+/-1.307 χ^2/NDF : 234786.7/7

+ sign 3625.450+/-0.714 χ^2/NDF : 2223928.9/26

All: 3566.069+/-0.501 χ^2/NDF : 4470435.1/53

- sign 3508.759+/-0.702 χ^2/NDF : 2232924.7/26

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1901.224+/-754.927 χ^2/NDF : 7.3/9

Right Out: -2613.881+/-783.228 χ^2/NDF : 19.6/18

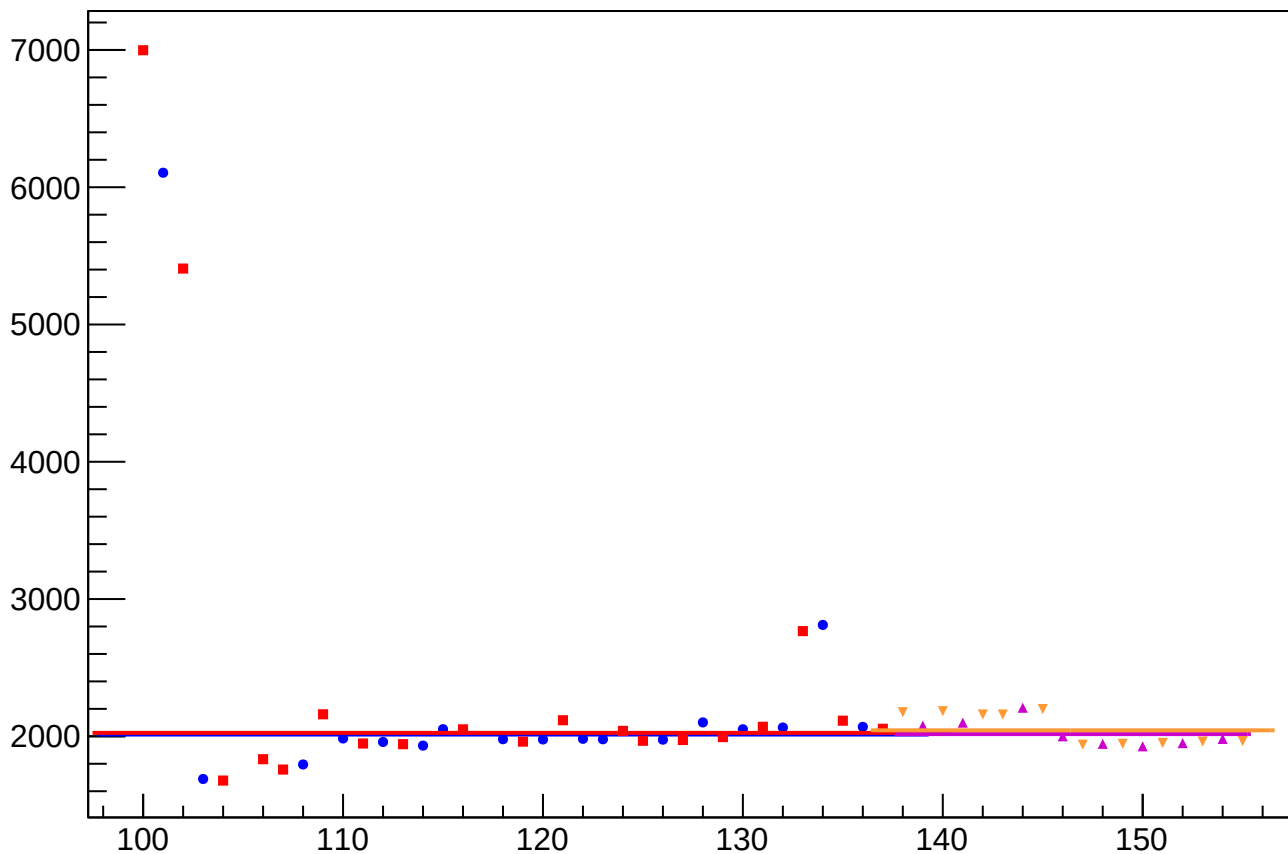
Left In: -3487.598+/-782.814 χ^2/NDF : 17.4/7

+ sign 2411.733+/-547.563 χ^2/NDF : 18.1/26

All: -289.278+/-389.330 χ^2/NDF : 105.0/53

- sign -3050.970+/-553.679 χ^2/NDF : 37.6/26

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2043.537 $\pm$ 0.534 χ^2 /NDF:43156.9/9

Right Out: 2025.070 $\pm$ 0.554 χ^2 /NDF: 597422.5/18

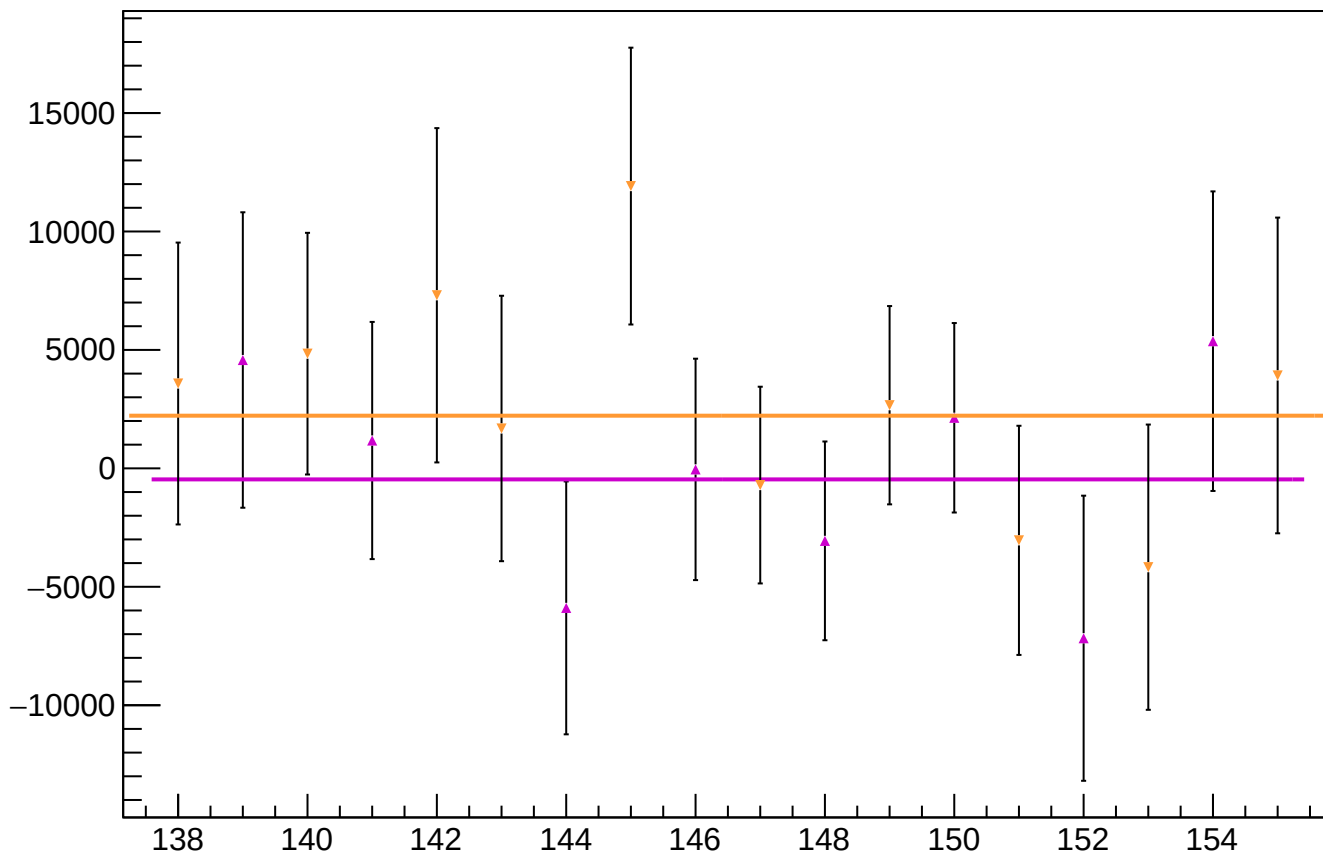
Left In: 2016.149 $\pm$ 0.554 χ^2 /NDF:25374.1/7

+ sign 2029.039 $\pm$ 0.387 χ^2 /NDF: 662420.7/26

All: 2024.870 $\pm$ 0.275 χ^2 /NDF: 1285581.7/53

- sign 2020.608 $\pm$ 0.391 χ^2 /NDF: 622926.5/26

asym_atr_avg_correction_mean vs Slug



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

Left Out: 2223.401+/-1676.446 χ^2/NDF :6.5/9

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

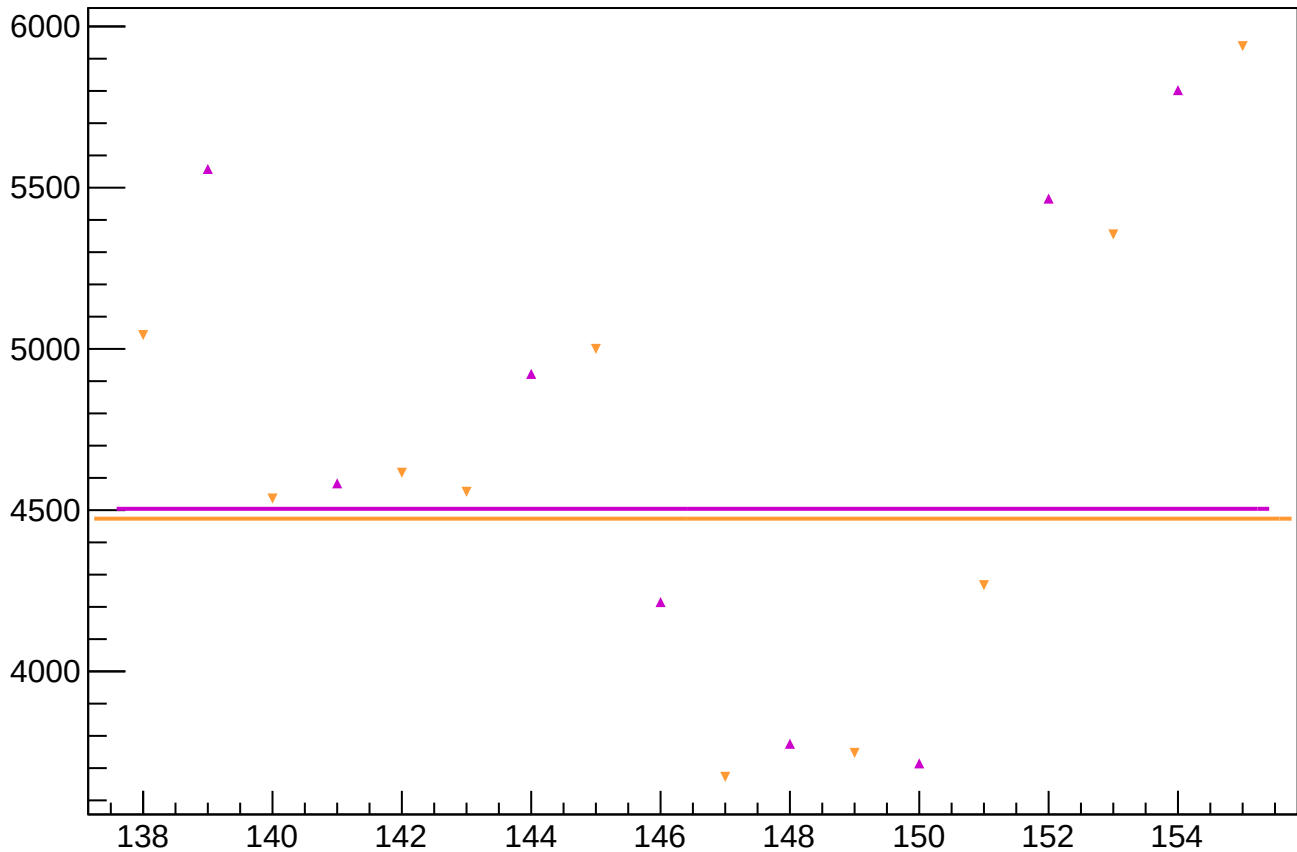
Left In: -466.116+/-1772.091 χ^2/NDF :4.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.178+/-1217.836 χ^2/NDF : 12.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_correction_rms vs Slug



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

Left Out: 4473.591+/-1.185 χ^2/NDF : 313861.9/9

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

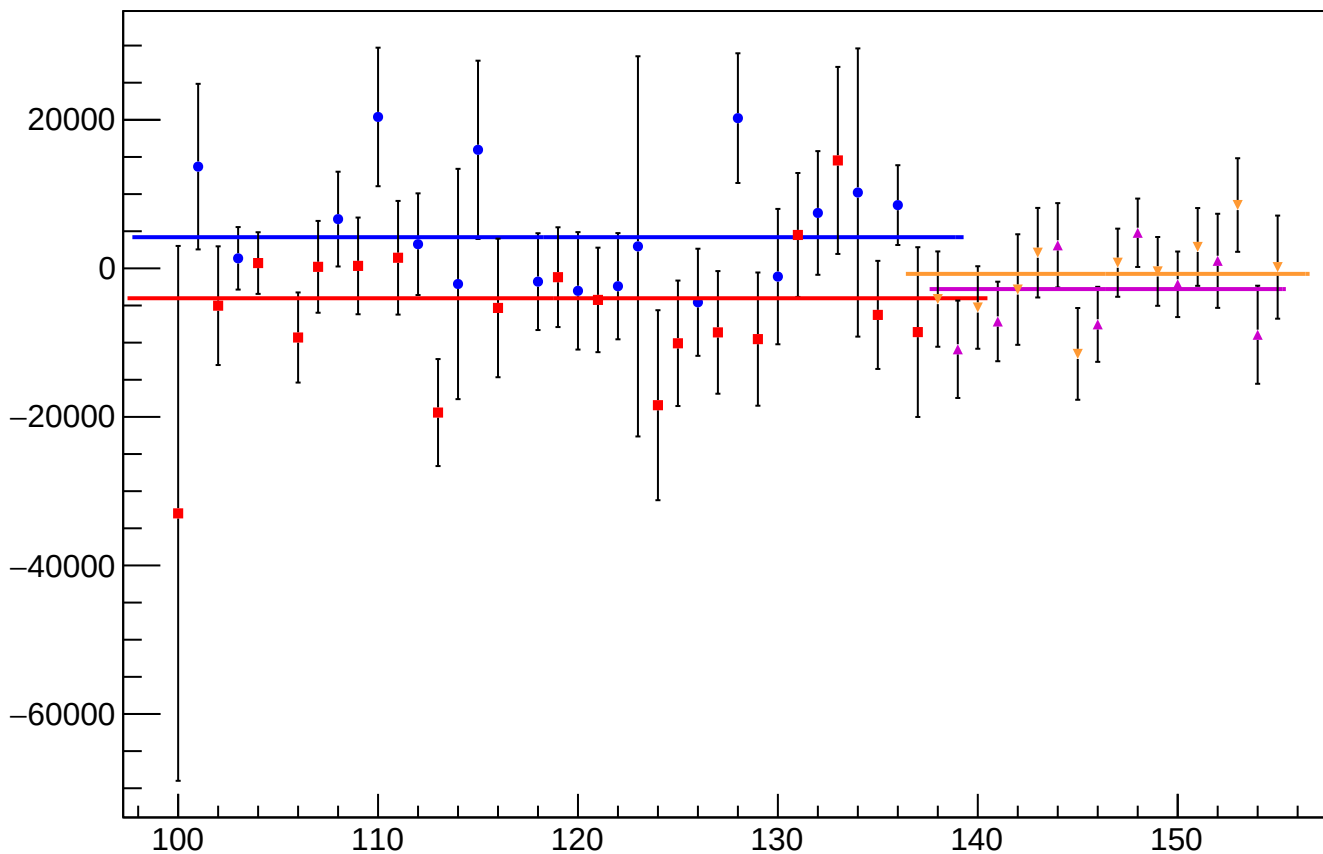
Left In: 4504.143+/-1.253 χ^2/NDF : 351221.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4488.020+/-0.861 χ^2/NDF : 665397.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



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

Left Out: -740.723+/-1811.017 χ^2/NDF : 7.1/9

Right Out: -4023.682+/-1725.187 χ^2/NDF : 14.8/18

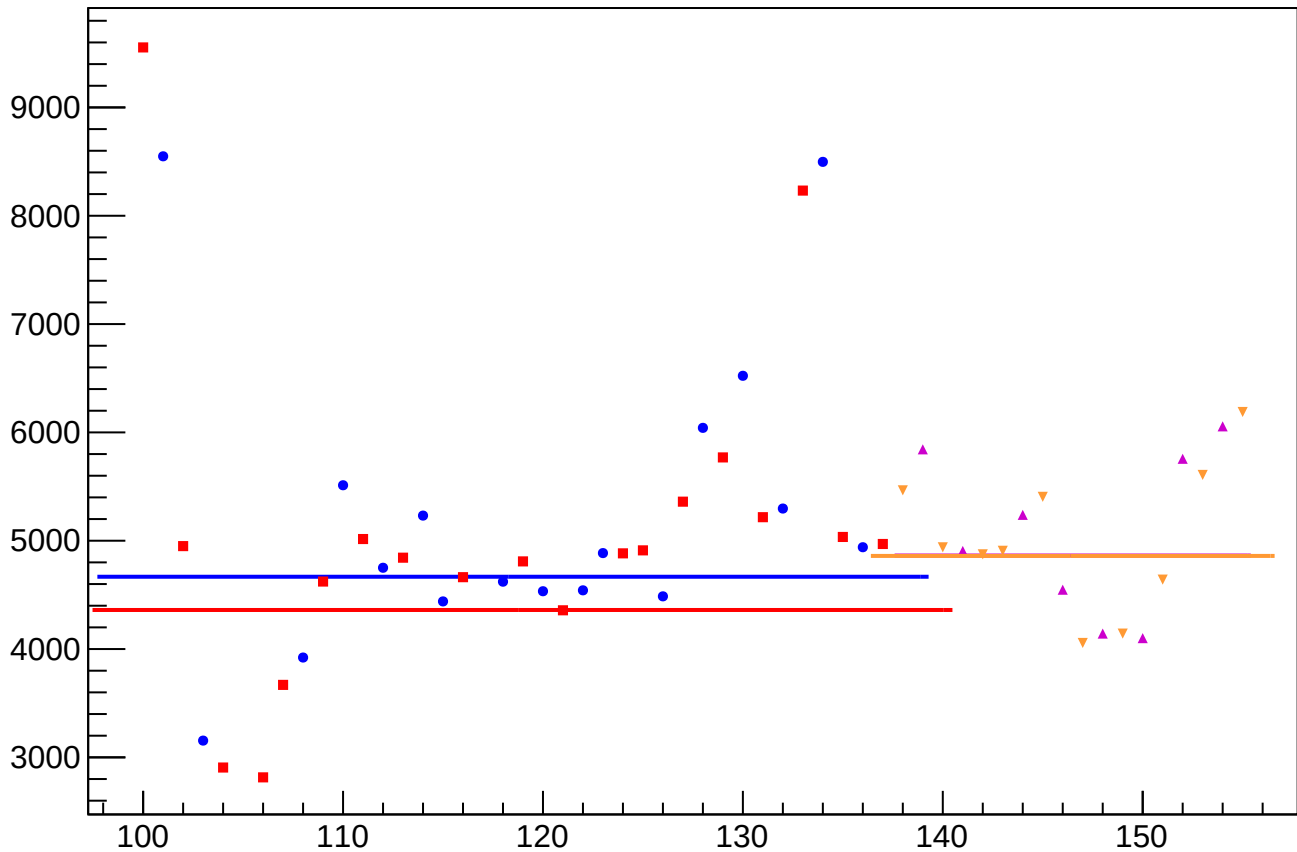
Left In: -2787.576+/-1907.948 χ^2/NDF : 8.1/7

+ sign 1666.044+/-1296.807 χ^2/NDF : 24.8/26

All: -935.012+/-910.851 χ^2/NDF : 55.9/53

- sign -3467.653+/-1279.639 χ^2/NDF : 23.2/26

asym_atr_avg_rms vs Slug



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

Left Out: 4859.687+/-1.281 χ^2/NDF : 248076.8/9

Right Out: 4360.582+/-1.213 χ^2/NDF : 832745.2/18

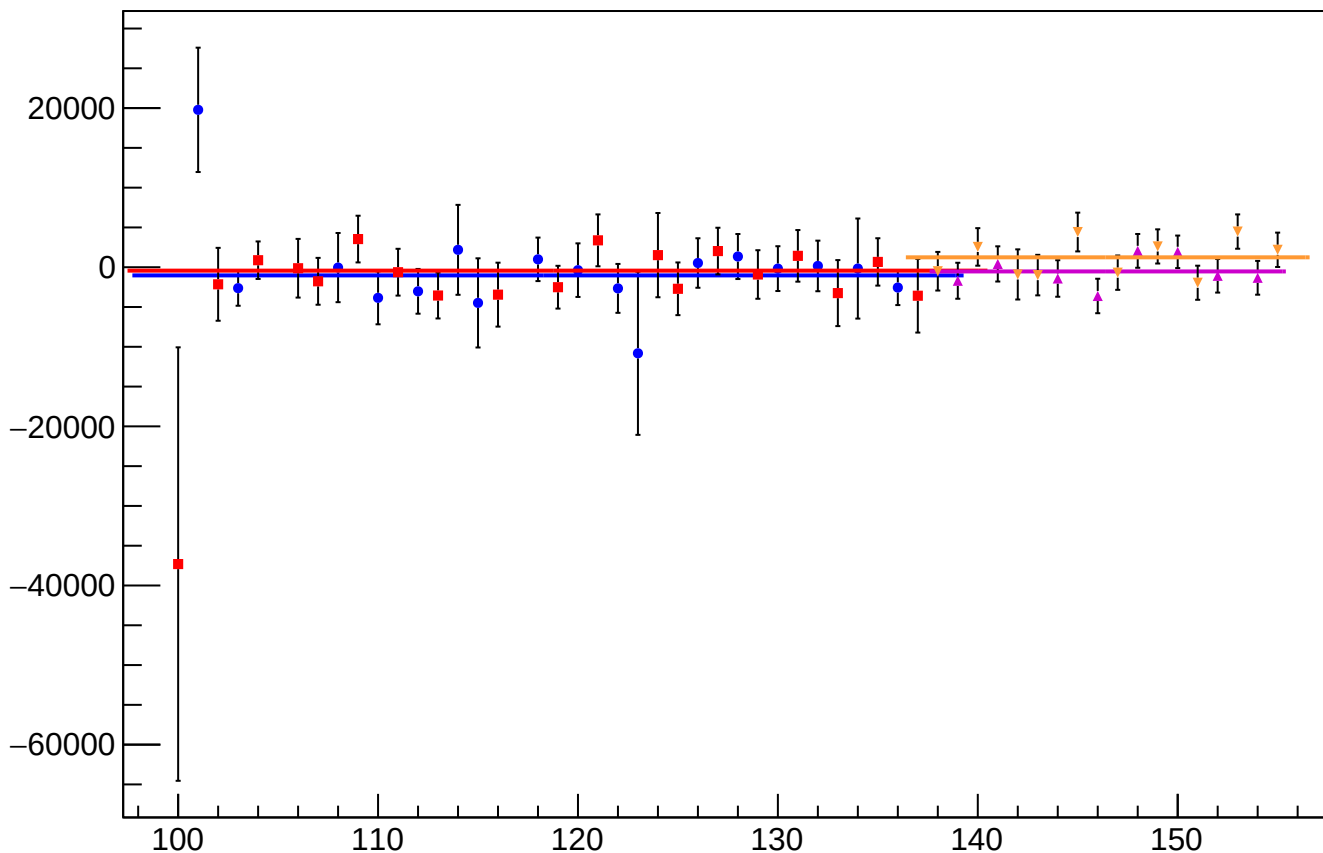
Left In: 4863.460+/-1.349 χ^2/NDF : 275080.5/7

+ sign 4766.029+/-0.917 χ^2/NDF : 1036912.5/26

All: 4674.196+/-0.643 χ^2/NDF : 2241309.7/53

- sign 4585.348+/-0.902 χ^2/NDF : 1184664.2/26

dit_asym_atr_dd_mean vs Slug



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

Left Out: 1243.741 ± 735.001 χ^2/NDF : 9.6/9

Right Out: -428.488 ± 760.817 χ^2/NDF : 10.8/18

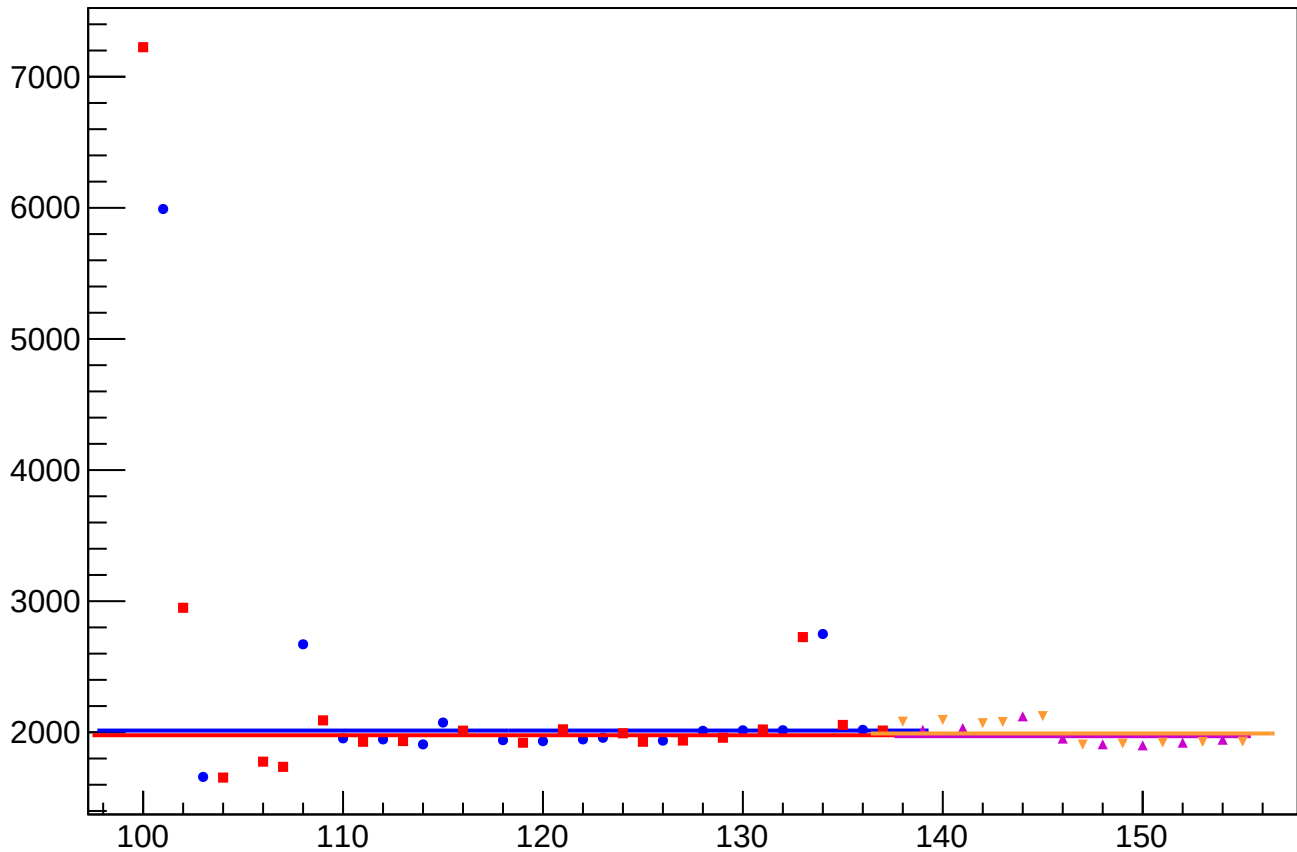
Left In: -528.811 ± 764.702 χ^2/NDF : 5.8/7

+ sign 199.520 ± 540.189 χ^2/NDF : 27.1/26

All: -139.966 ± 381.673 χ^2/NDF : 44.4/53

- sign -478.394 ± 539.347 χ^2/NDF : 16.5/26

dit_asym_atr_dd_rms vs Slug



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

Left Out: 1991.015+/-0.520 χ^2/NDF : 27281.9/9

+ sign 2001.249+/-0.382 χ^2/NDF : 678173.7/26

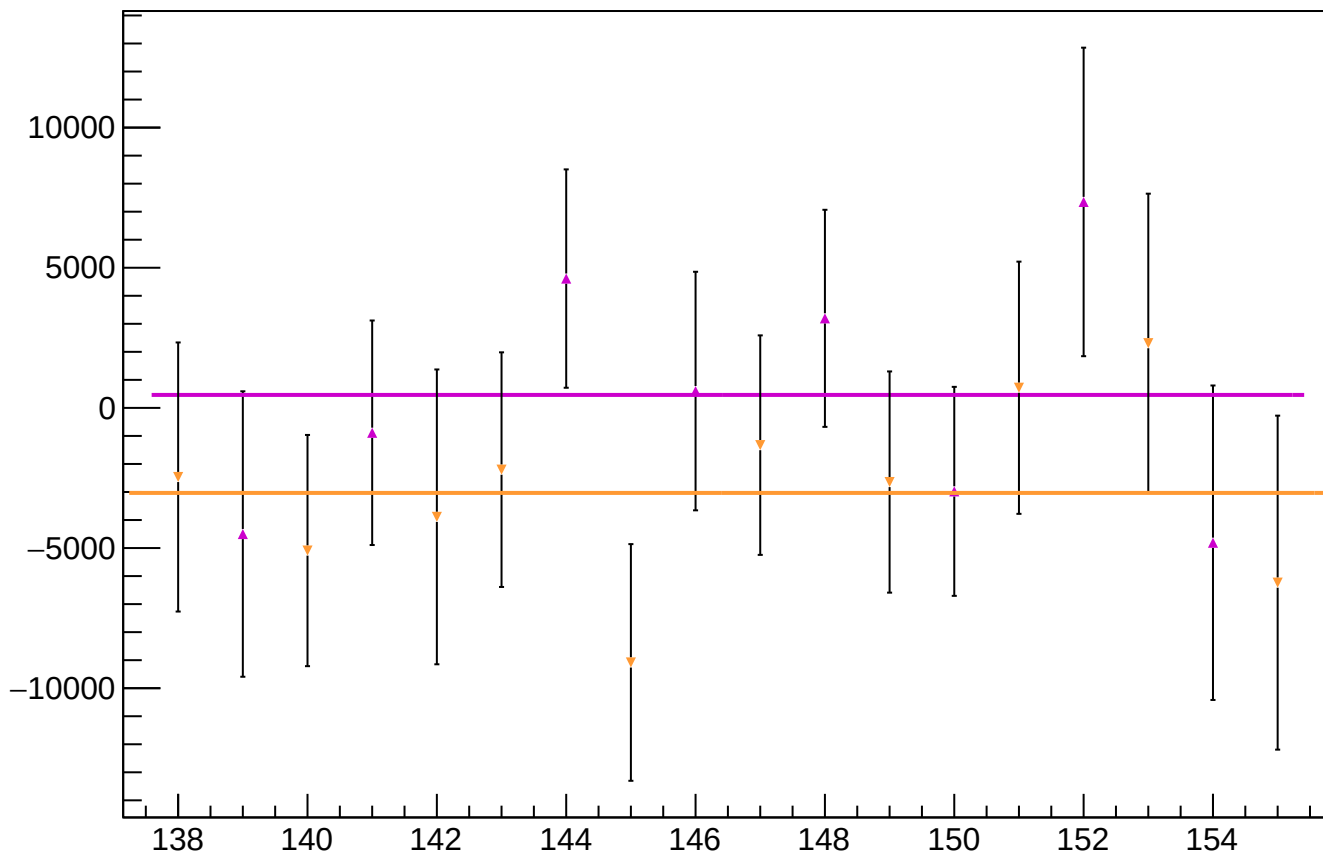
Right Out: 1977.545+/-0.537 χ^2/NDF : 294899.1/18

All: 1987.562+/-0.270 χ^2/NDF : 992505.1/53

- sign 1973.932+/-0.381 χ^2/NDF : 311768.8/26

Left In: 1970.274+/-0.541 χ^2/NDF : 16778.7/7

asym_atr_dd_correction_mean vs Slug



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

Left Out: -3033.012+/-1423.166 χ^2/NDF : 4.6/9

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

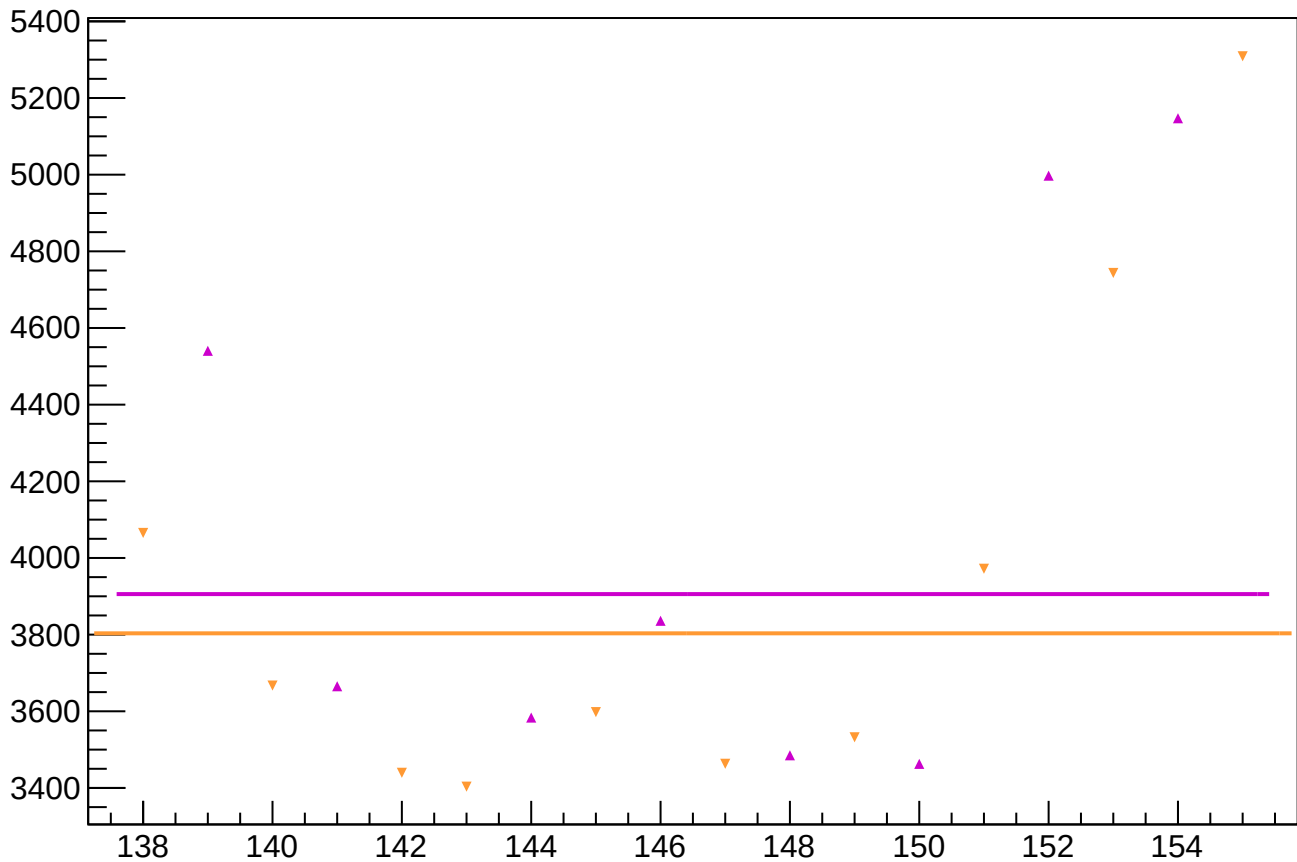
Left In: 463.017+/-1533.024 χ^2/NDF : 6.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1414.737+/-1043.007 χ^2/NDF : 13.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_correction_rms vs Slug



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

Left Out: 3803.397+/-1.006 χ^2/NDF : 257943.3/9

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

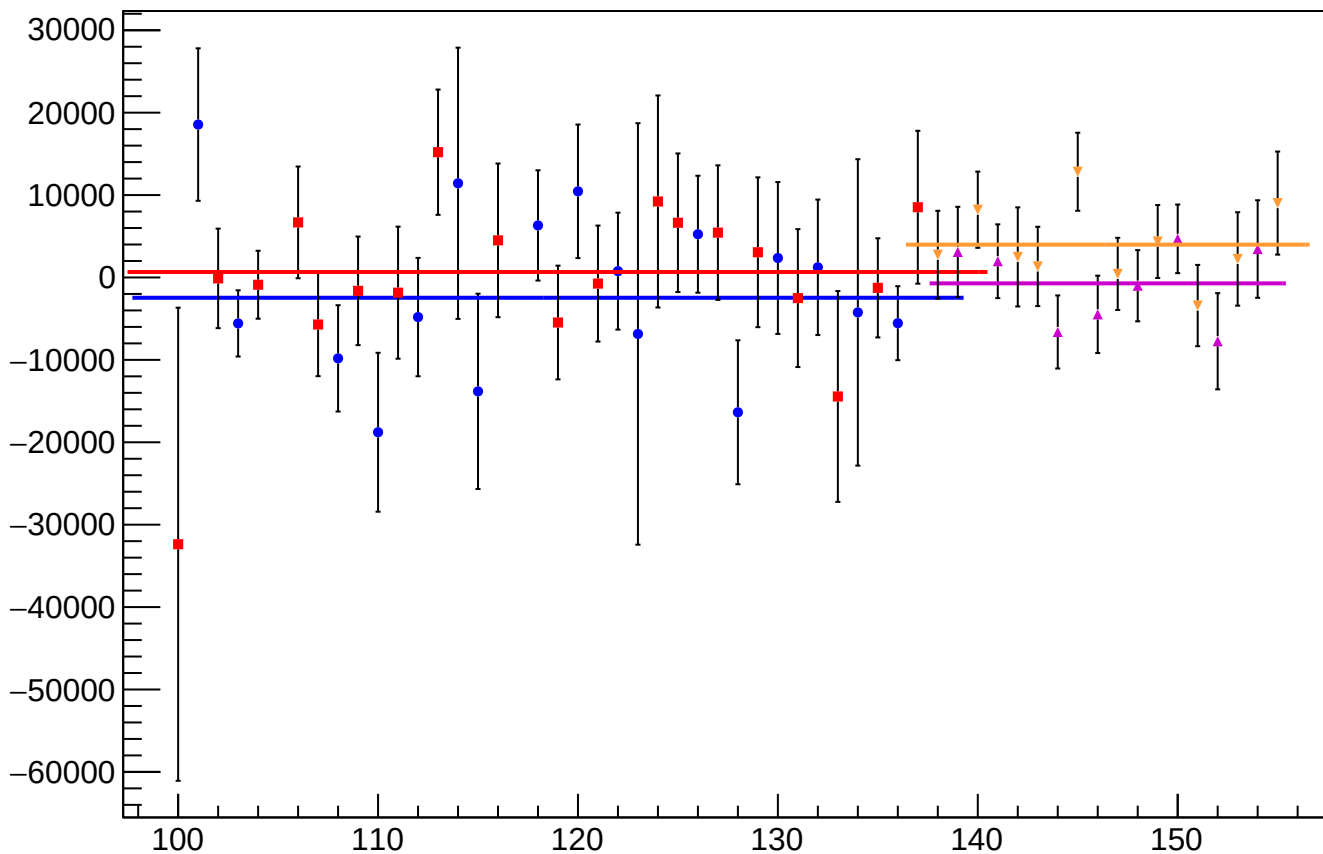
Left In: 3905.766+/-1.084 χ^2/NDF : 280975.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3850.782+/-0.738 χ^2/NDF : 543708.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



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

Left Out: 3982.521 ± 1584.252 χ^2/NDF : 8.4/9

Right Out: 666.170 ± 1689.812 χ^2/NDF : 11.9/18

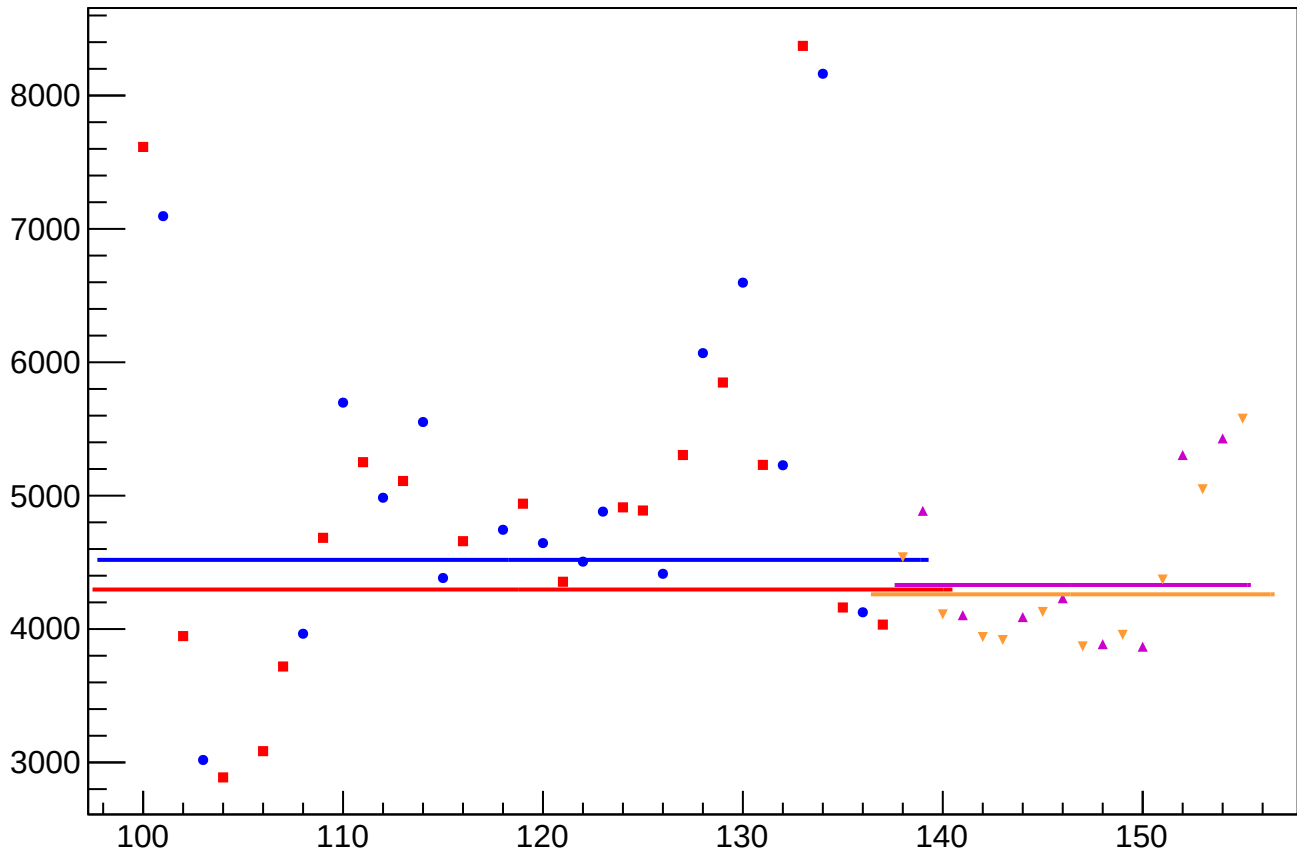
Left In: -716.302 ± 1693.699 χ^2/NDF : 6.9/7

+ sign 1164.555 ± 1188.455 χ^2/NDF : 36.5/26

All: 574.422 ± 843.107 χ^2/NDF : 56.1/53

- sign -23.478 ± 1196.249 χ^2/NDF : 19.1/26

asym_atr_dd_rms vs Slug



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

Left Out: 4260.345+/-1.120 χ^2 /NDF:178409.2/9

Right Out: 4296.379+/-1.188 χ^2 /NDF: 771702.5/18

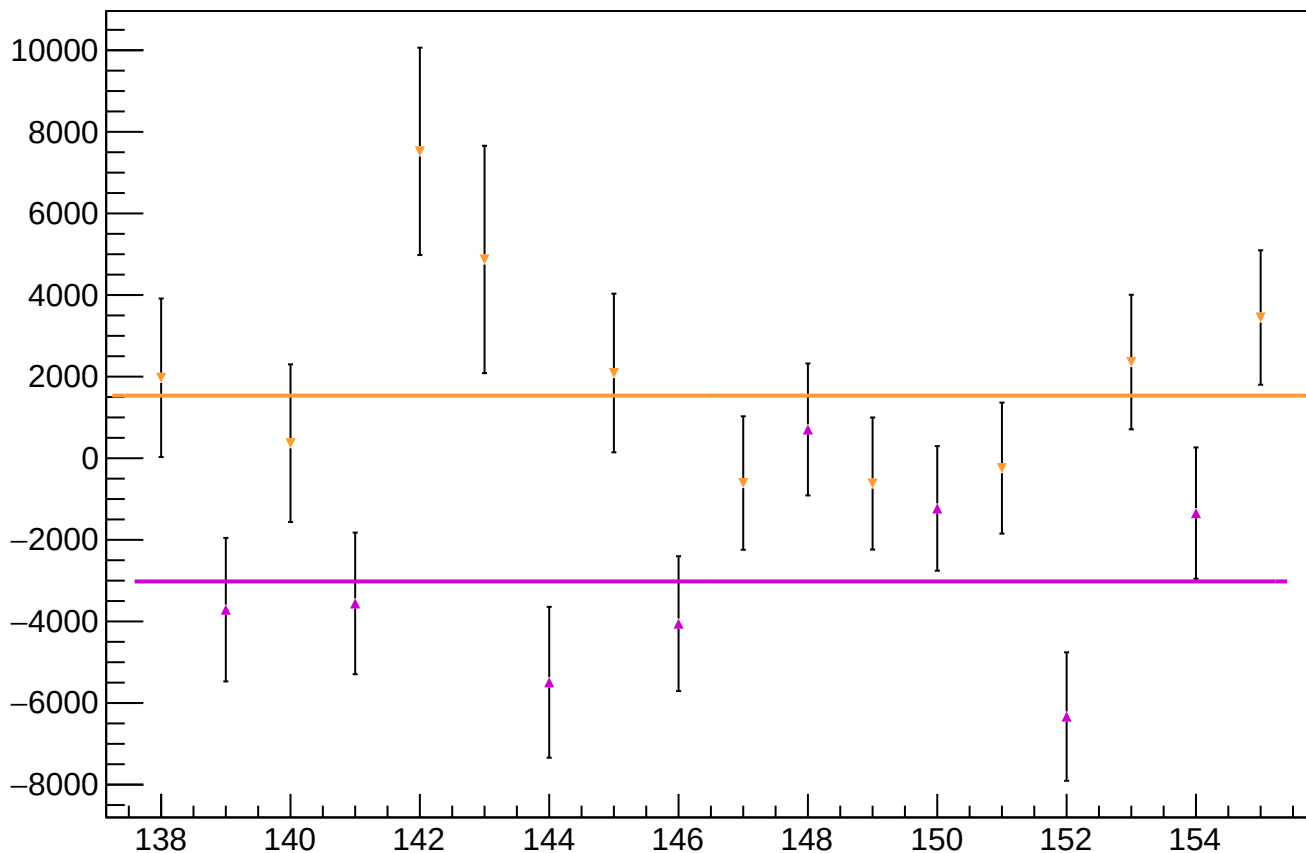
Left In: 4330.392+/-1.198 χ^2 /NDF:202938.4/7

+ sign 4373.303+/-0.840 χ^2 /NDF: 971889.6/26

All: 4343.390+/-0.595 χ^2 /NDF: 1949480.6/53

- sign 4313.252+/-0.844 χ^2 /NDF: 975047.4/26

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1535.496+/-581.199 χ^2/NDF :13.8/9

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

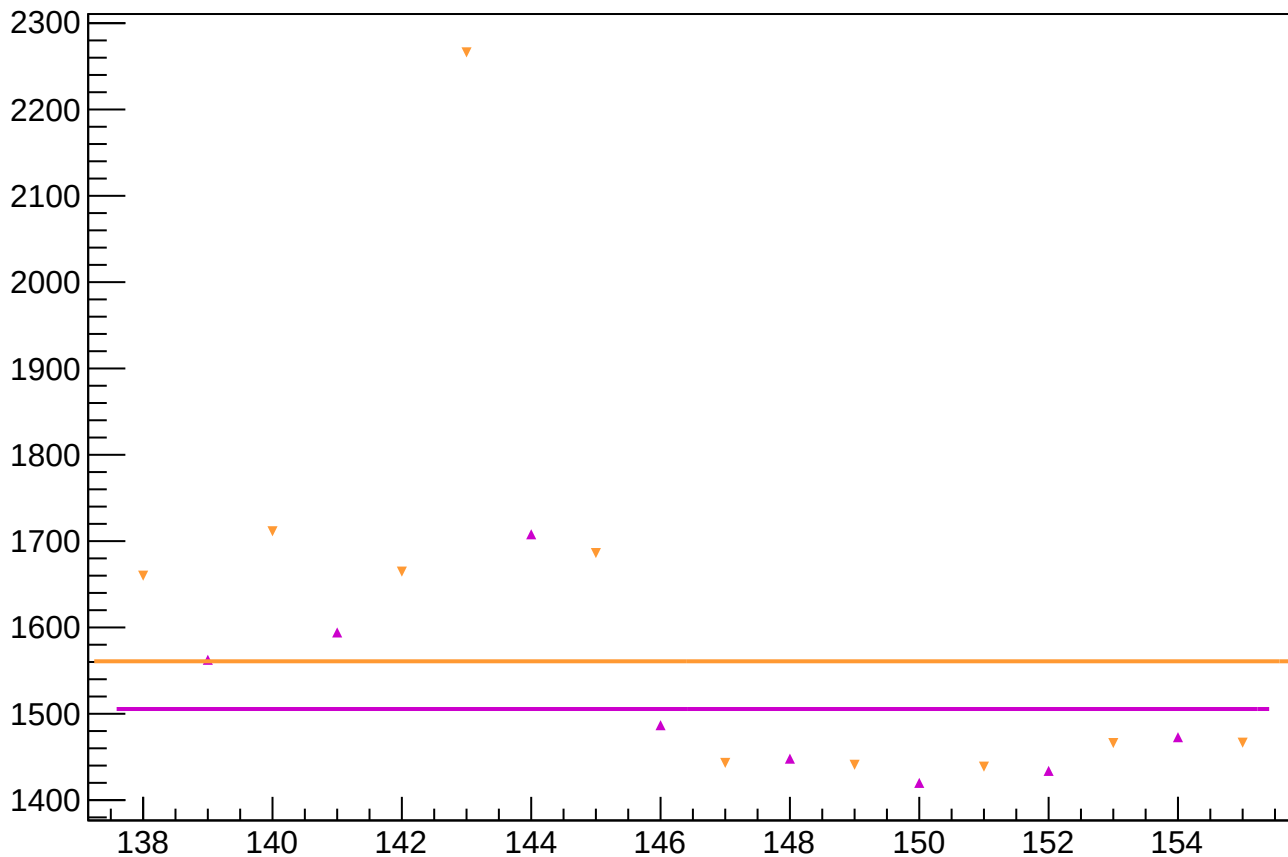
Left In: -3019.822+/-585.765 χ^2/NDF :14.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -724.339+/-412.574 χ^2/NDF : 58.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 1560.801+/-0.411 χ^2/NDF : 203205.2/9

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

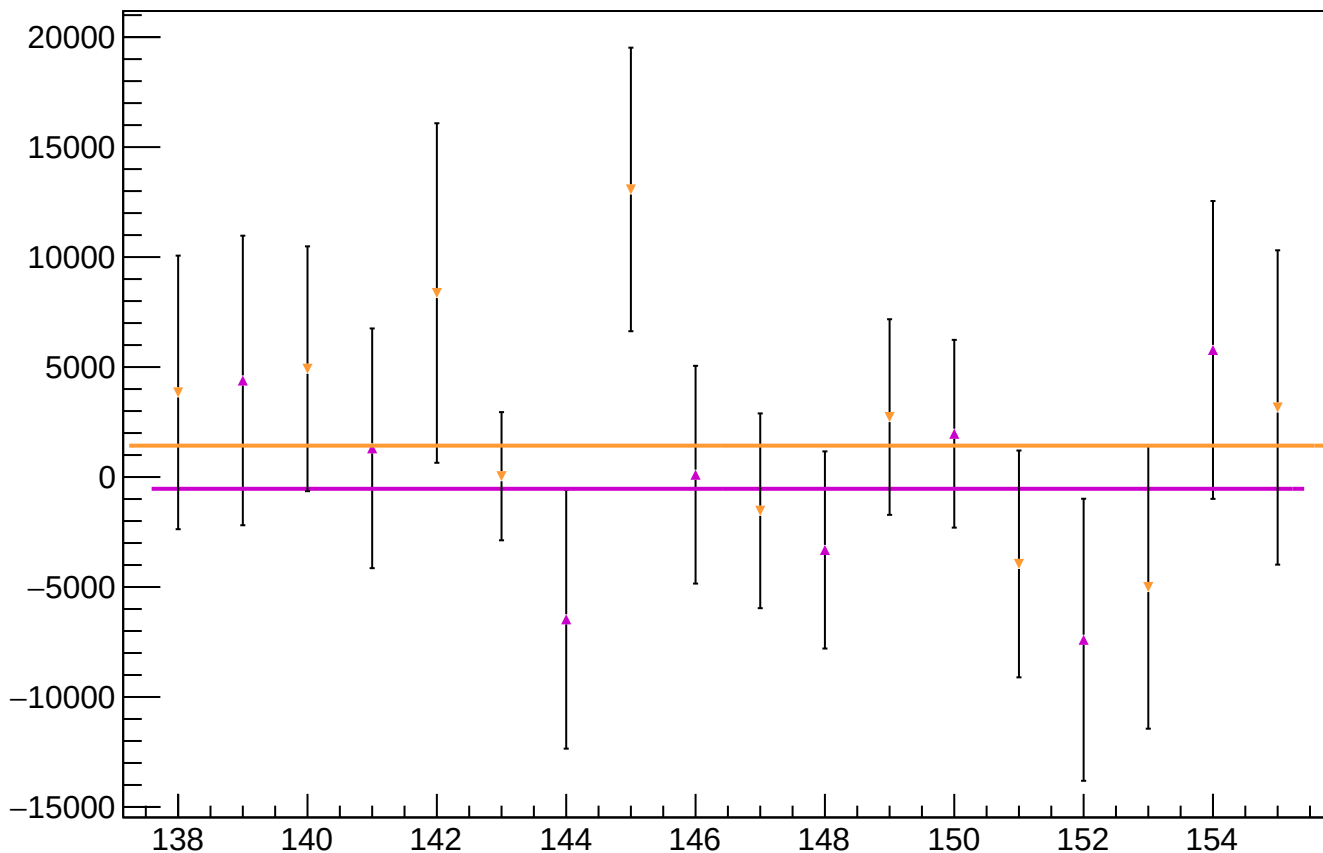
Left In: 1505.534+/-0.414 χ^2/NDF : 45315.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1533.384+/-0.292 χ^2/NDF : 257491.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



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

Left Out: 1427.172+/-1581.849 χ^2/NDF : 7.5/9

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

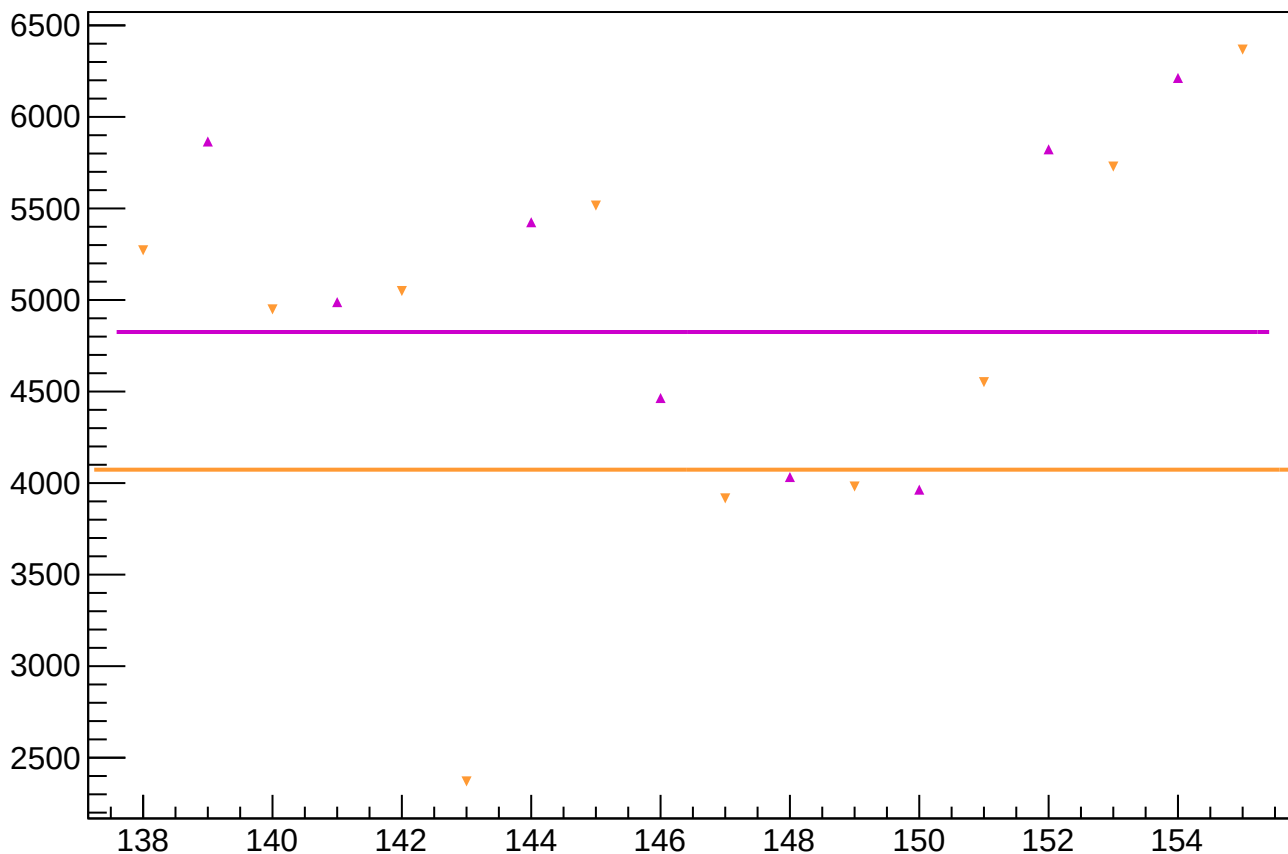
Left In: -534.895+/-1898.959 χ^2/NDF : 4.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.417+/-1215.404 χ^2/NDF : 12.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



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

Left Out: 4073.240+/-1.119 χ^2/NDF :1297579.6/9

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

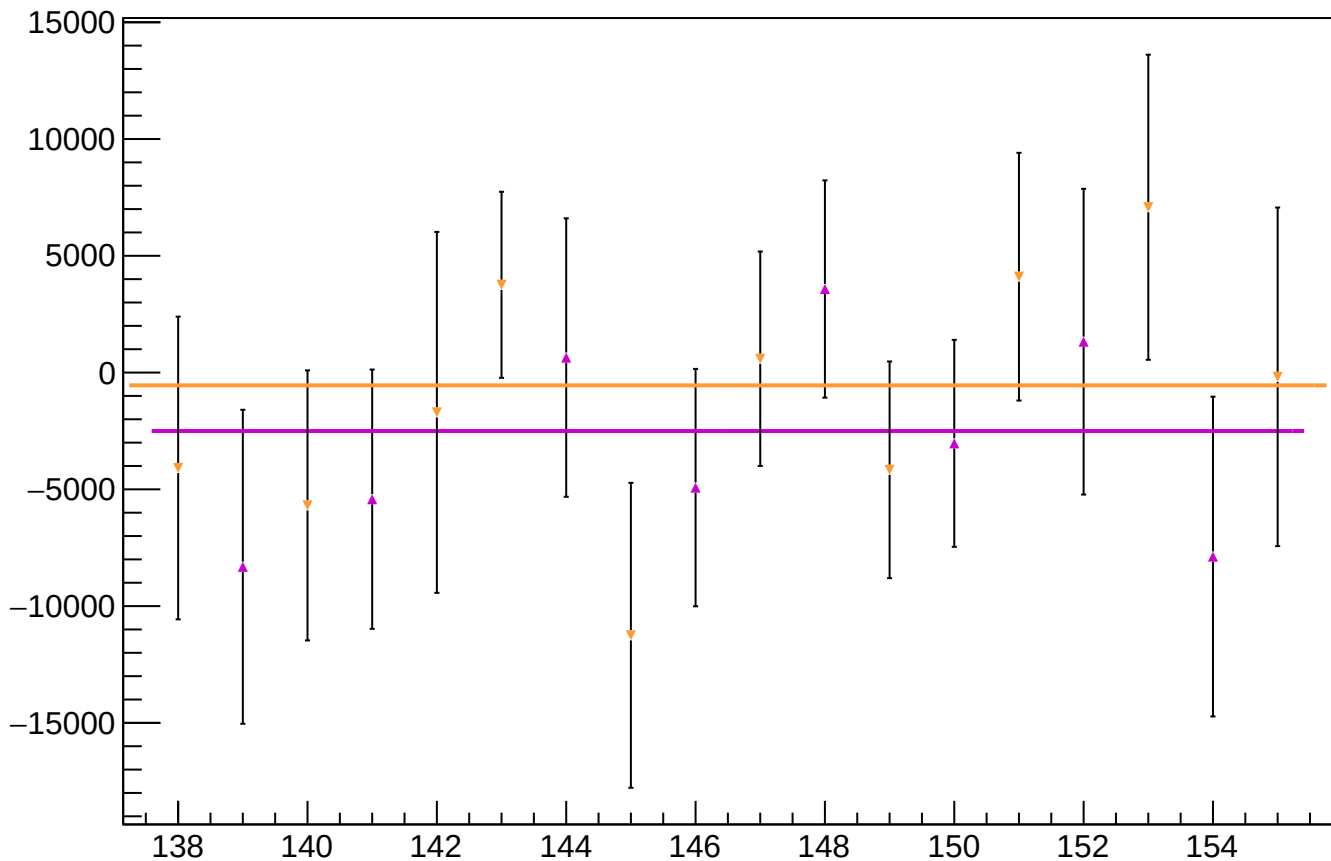
Left In: 4825.179+/-1.343 χ^2/NDF :359513.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4381.269+/-0.859 χ^2/NDF : 1842221.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: -548.043+/-1743.885 χ^2/NDF : 7.8/9

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

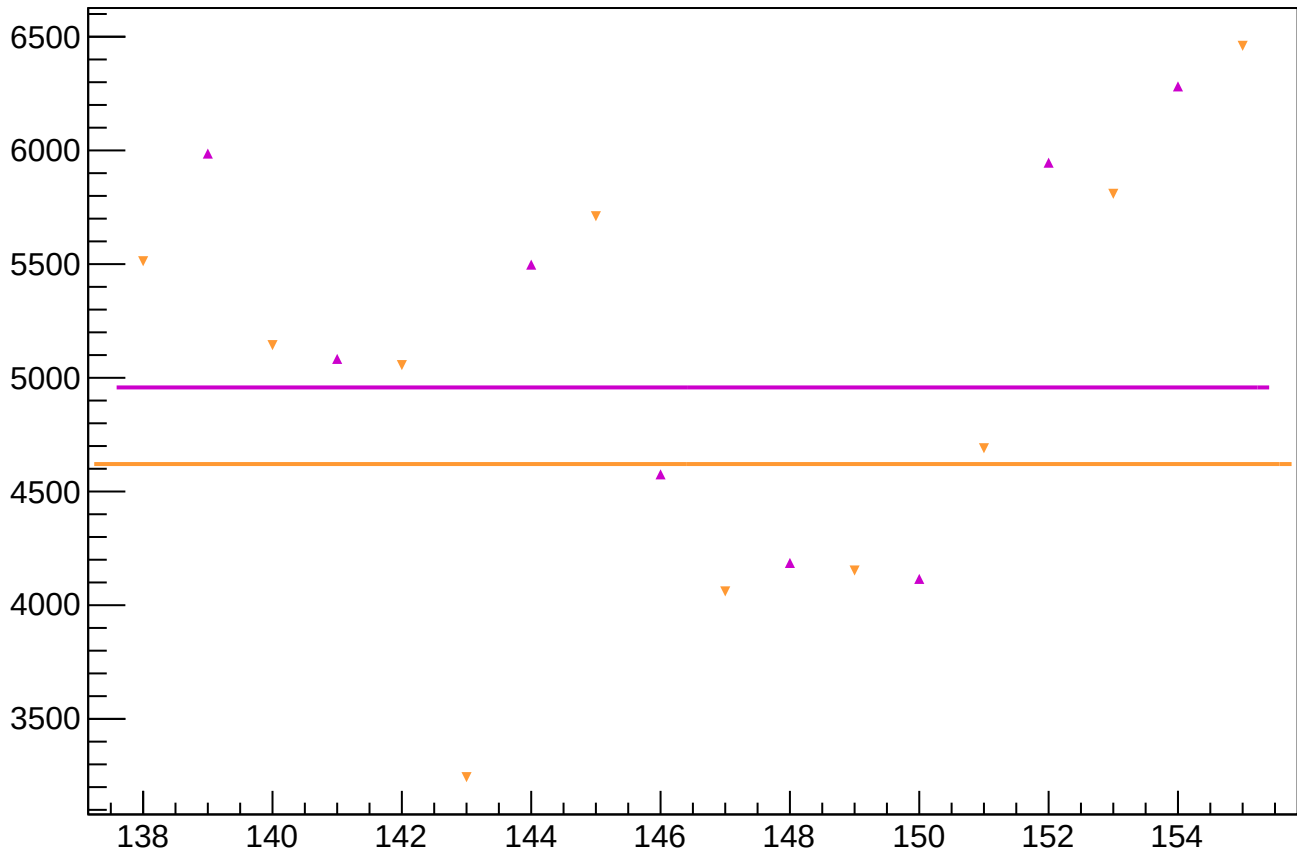
Left In: -2503.021+/-1949.036 χ^2/NDF : 4.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1417.262+/-1299.612 χ^2/NDF : 12.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 4620.761+/-1.233 χ^2/NDF : 600586.0/9

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

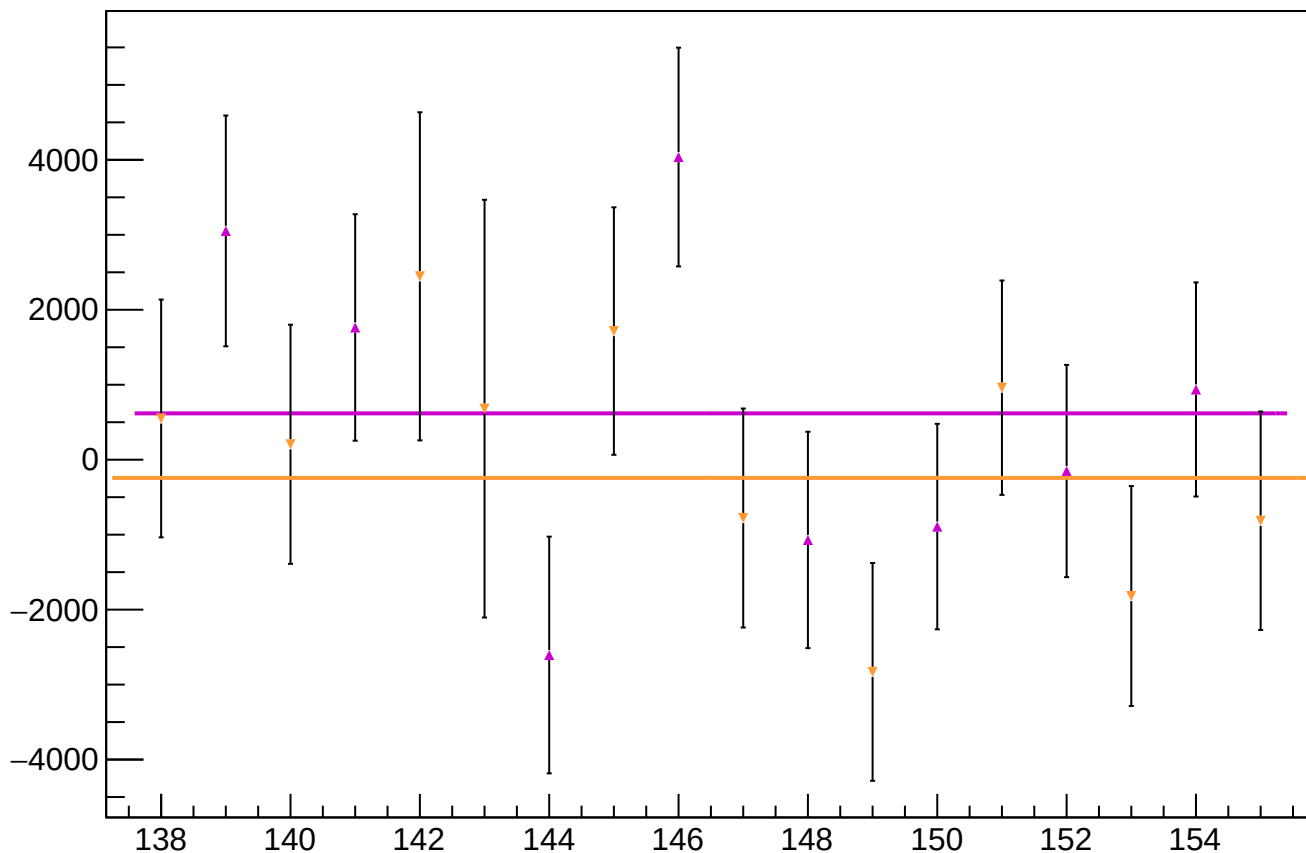
Left In: 4957.684+/-1.378 χ^2/NDF : 323219.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4770.563+/-0.919 χ^2/NDF : 956997.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -242.589+/-508.823 χ^2/NDF : 8.7/9

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

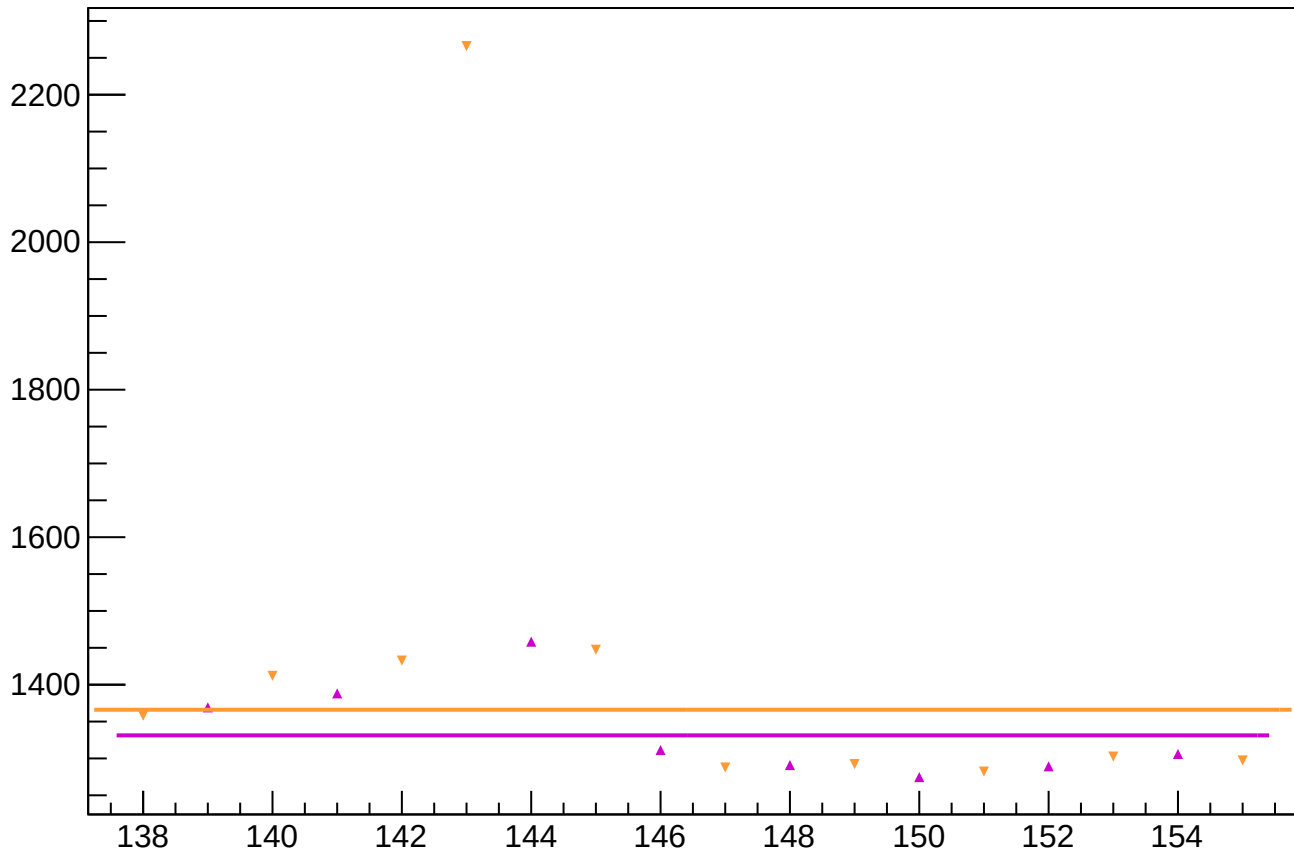
Left In: 618.194+/-517.559 χ^2/NDF : 15.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.477+/-362.841 χ^2/NDF : 25.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1366.033+/-0.360 χ^2/NDF : 243001.1/9

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

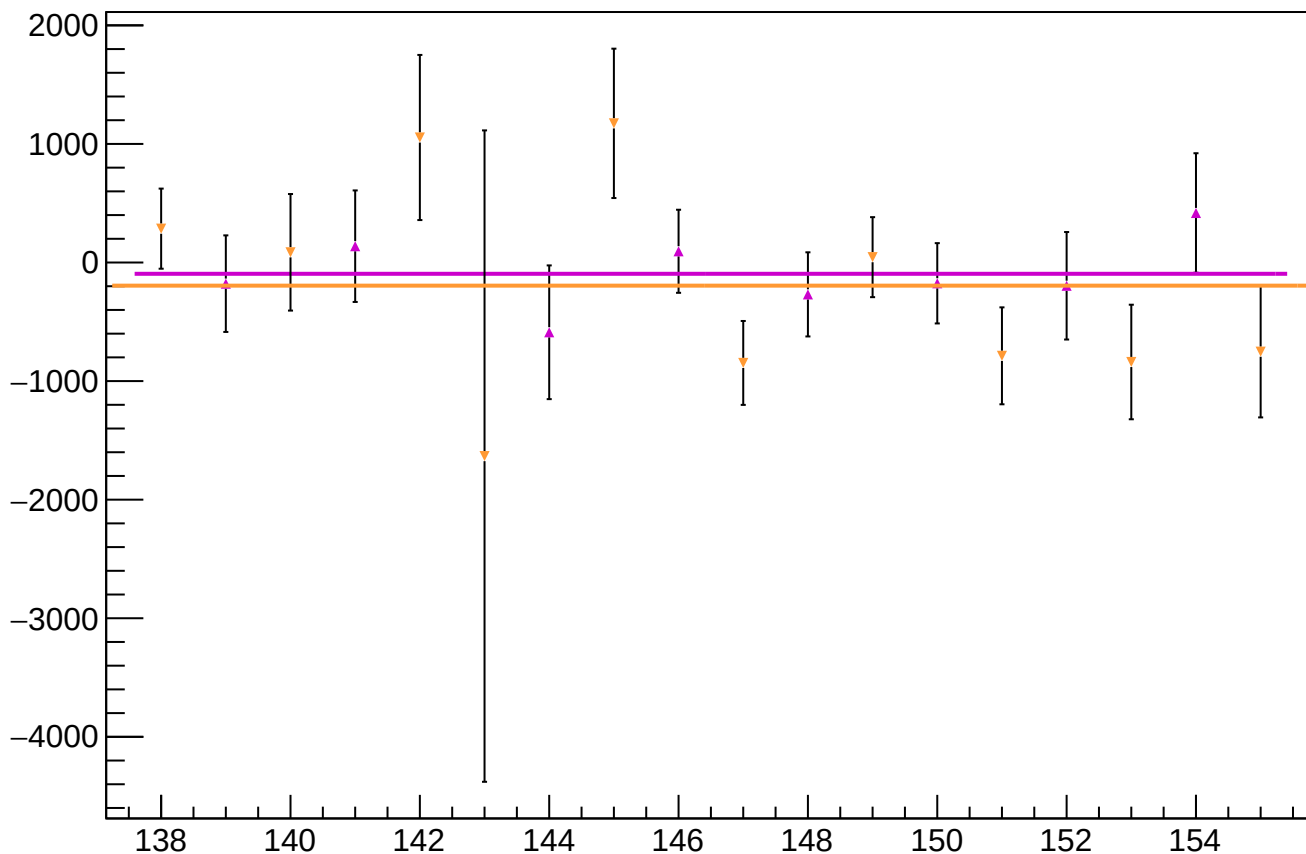
Left In: 1331.268+/-0.366 χ^2/NDF : 24731.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.947+/-0.257 χ^2/NDF : 272321.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

Left Out: -195.115+/-144.462 χ^2/NDF :19.4/9

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

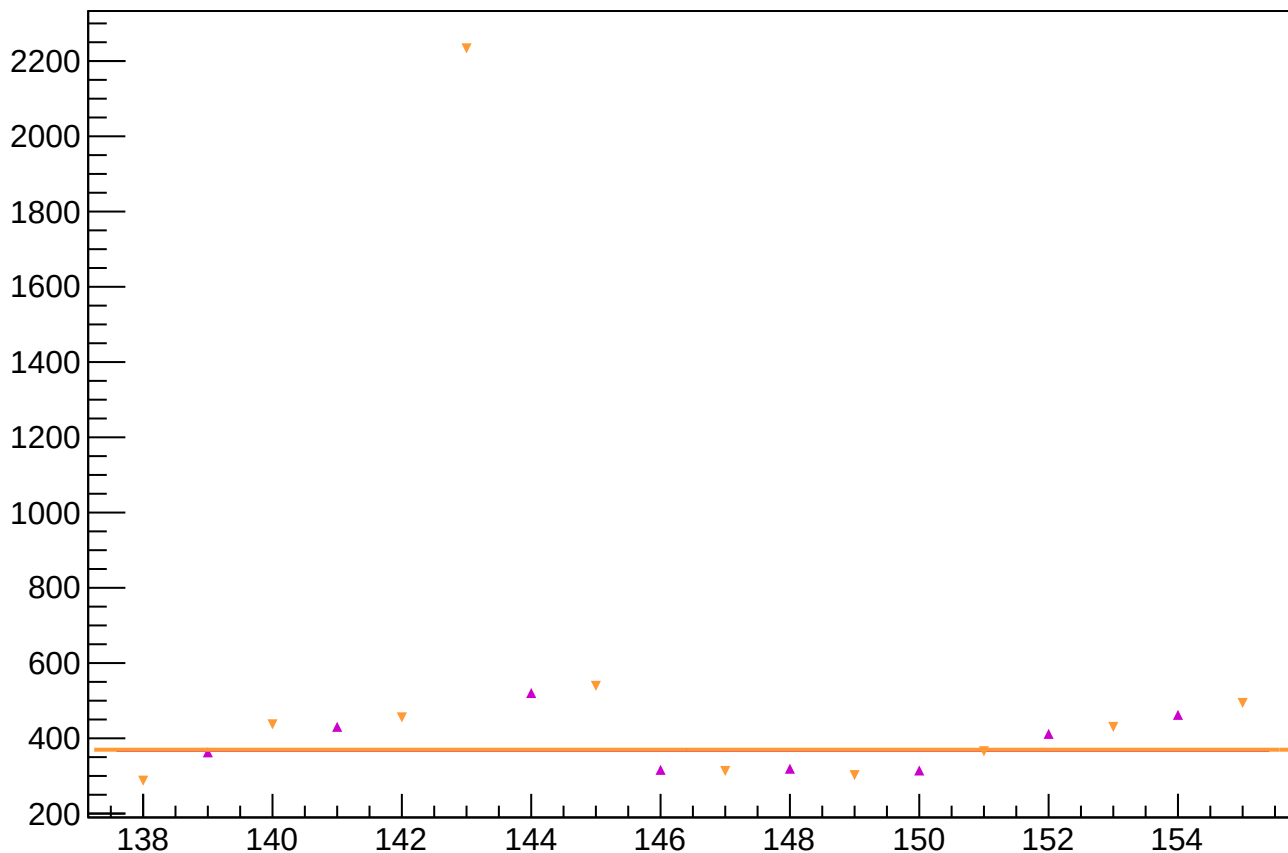
Left In: -95.188+/-145.372 χ^2/NDF :2.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.466+/-102.470 χ^2/NDF : 22.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_rms vs Slug



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

Left Out: 369.750+/-0.102 χ^2/NDF :1516495.0/9

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

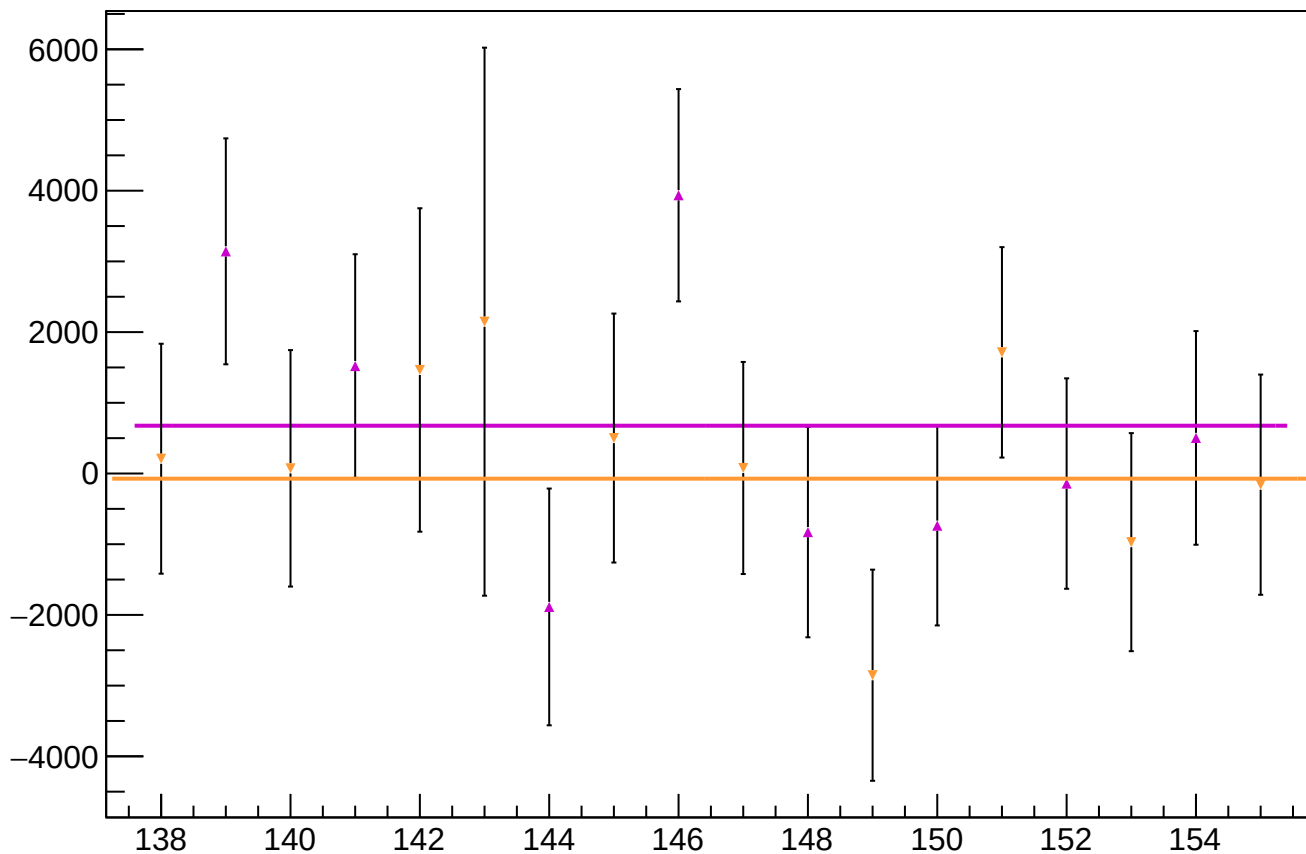
Left In: 368.909+/-0.103 χ^2/NDF :402001.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.332+/-0.072 χ^2/NDF : 1918529.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -72.882+/-535.047 χ^2/NDF : 6.2/9

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

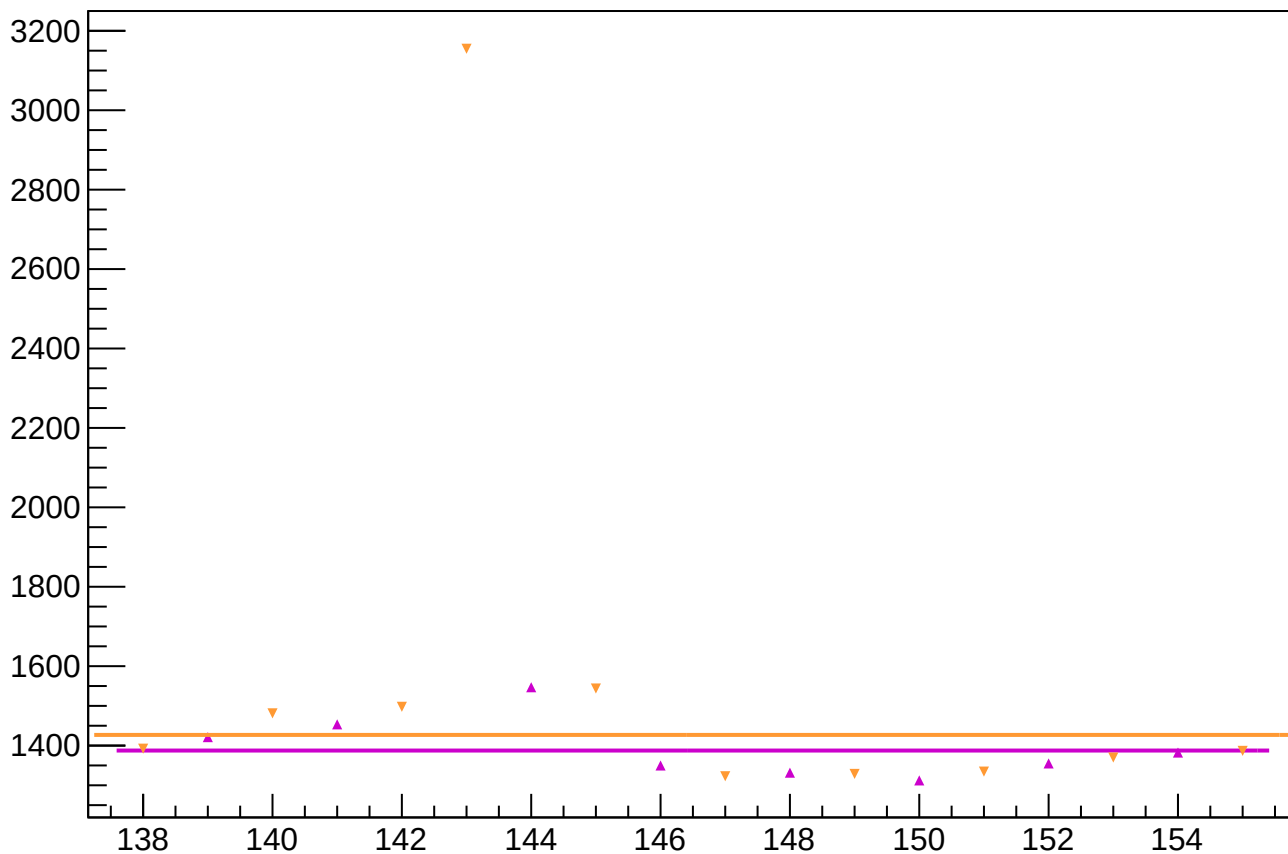
Left In: 676.180+/-539.553 χ^2/NDF : 12.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.508+/-379.919 χ^2/NDF : 19.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



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

Left Out: 1426.886+/-0.378 χ^2/NDF : 441367.9/9

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

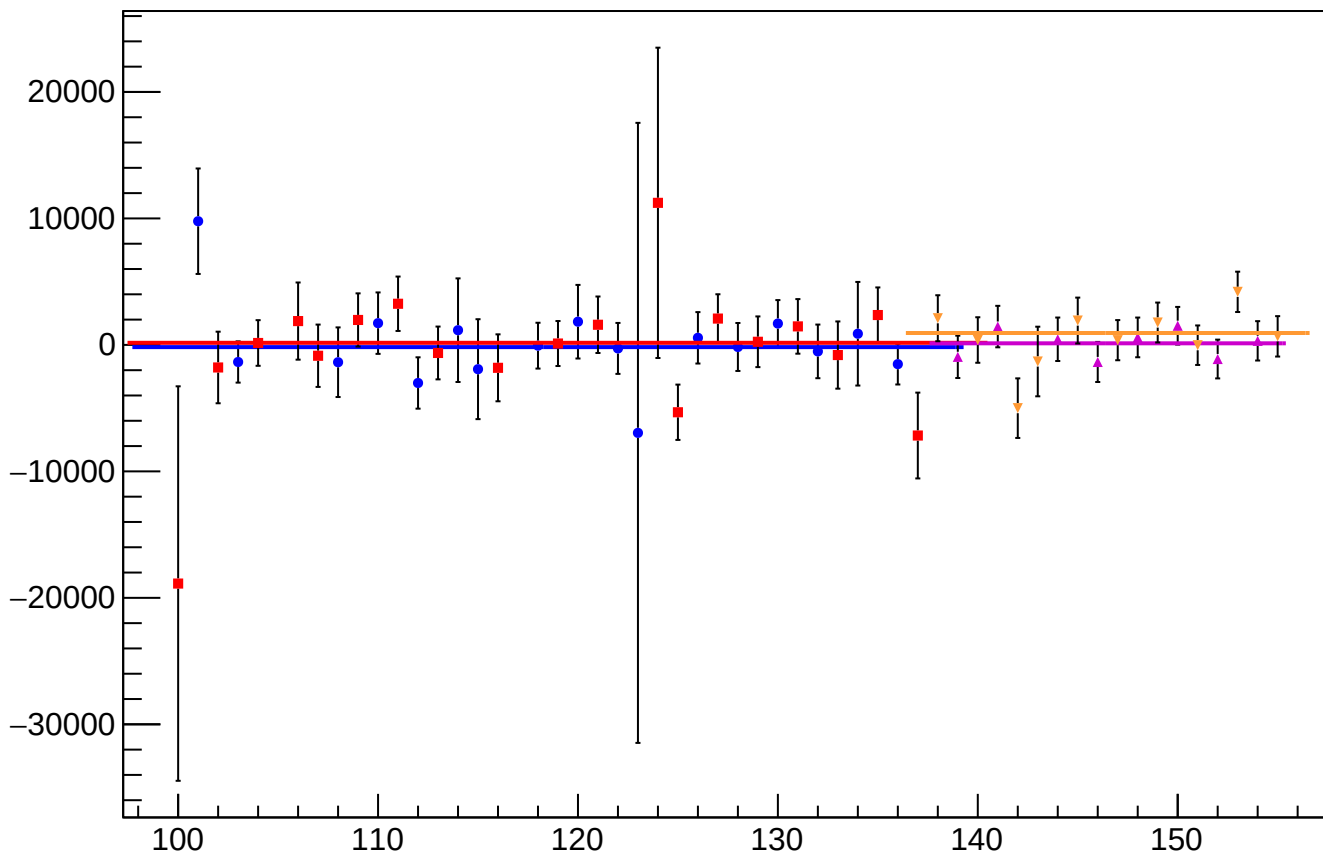
Left In: 1387.528+/-0.382 χ^2/NDF : 33223.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.372+/-0.269 χ^2/NDF : 479956.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



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

Left Out: 941.310 ± 557.176 χ^2/NDF : 12.8/9

Right Out: 164.937 ± 540.101 χ^2/NDF : 20.7/18

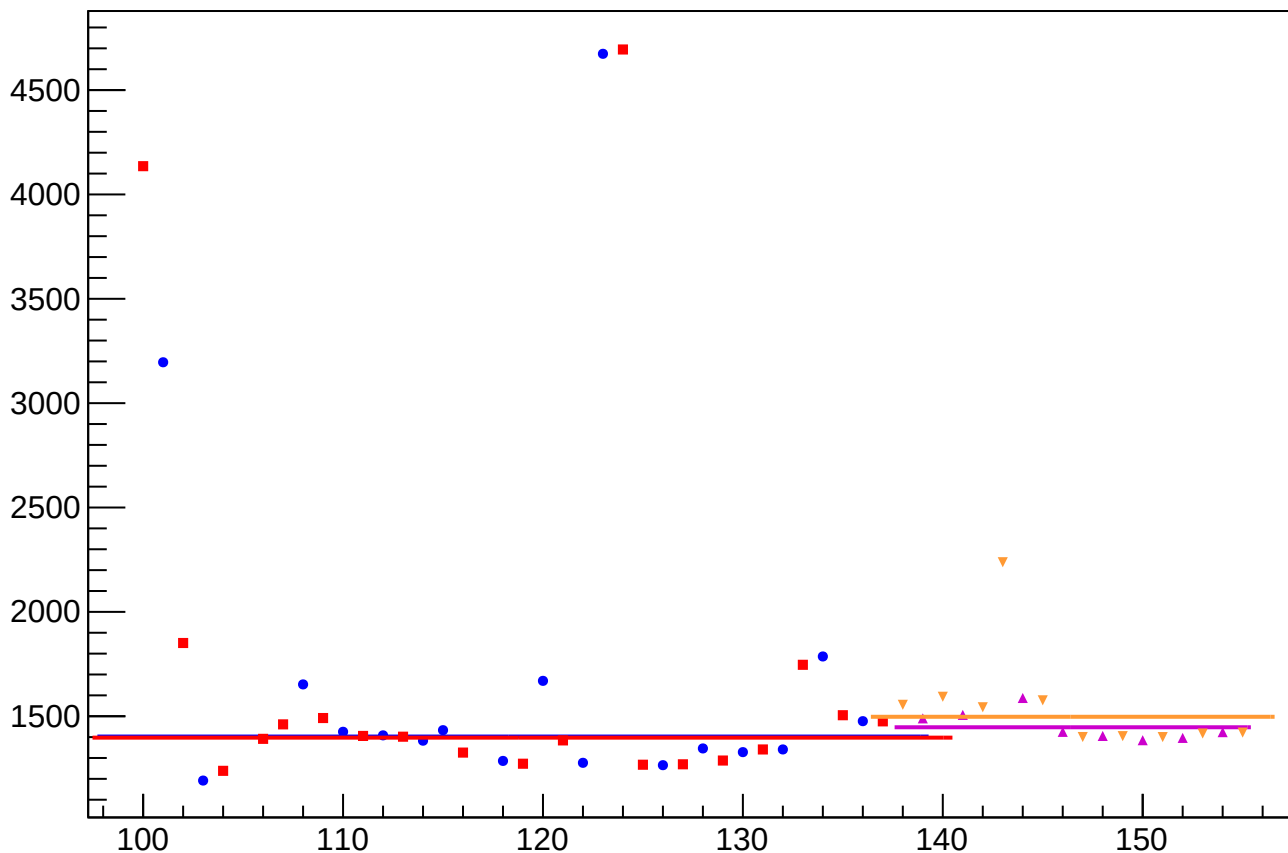
Left In: 125.353 ± 562.505 χ^2/NDF : 3.6/7

+ sign 380.707 ± 393.090 χ^2/NDF : 26.6/26

All: 262.278 ± 276.710 χ^2/NDF : 51.0/53

- sign 145.949 ± 389.589 χ^2/NDF : 24.3/26

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 1497.406 $\pm$ 0.394 χ^2 /NDF: 188652.4/9

Right Out: 1397.442 $\pm$ 0.382 χ^2 /NDF: 353365.4/18

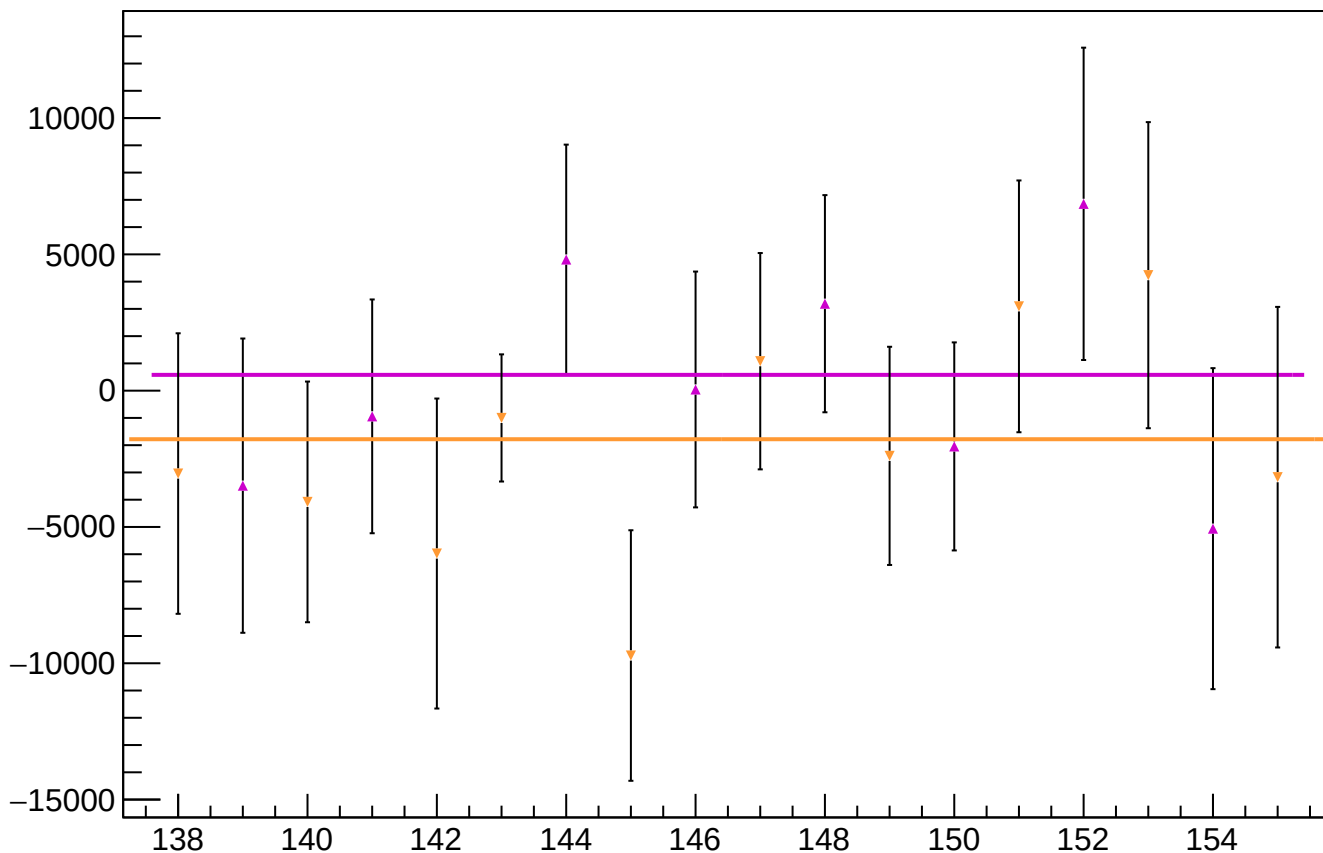
Left In: 1447.147 $\pm$ 0.398 χ^2 /NDF: 25167.7/7

+ sign 1449.843 $\pm$ 0.278 χ^2 /NDF: 743996.3/26

All: 1435.425 $\pm$ 0.196 χ^2 /NDF: 1135991.2/53

- sign 1421.271 $\pm$ 0.275 χ^2 /NDF: 386662.8/26

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -1781.358+/-1311.525 χ^2/NDF : 6.8/9

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

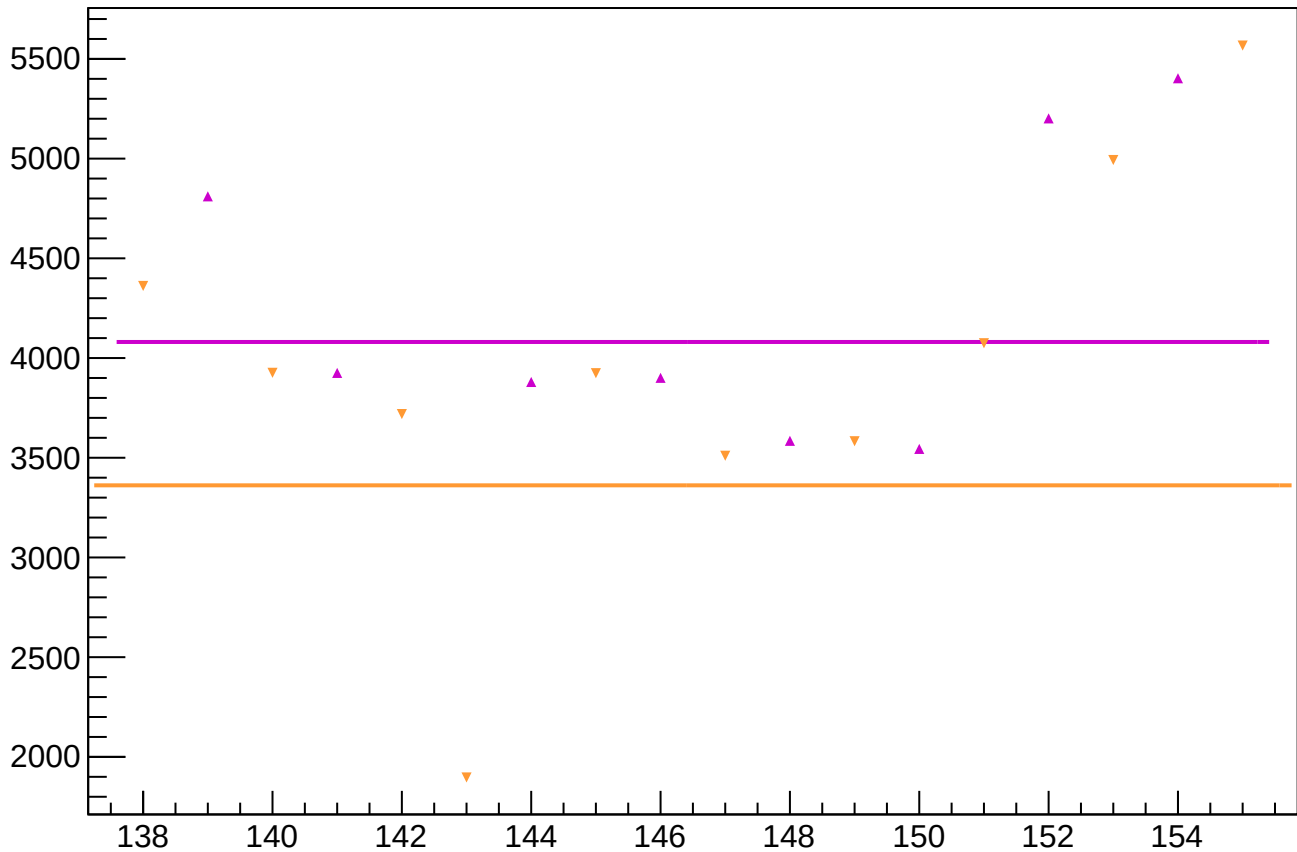
Left In: 579.657+/-1602.383 χ^2/NDF : 4.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -834.196+/-1014.914 χ^2/NDF : 12.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

Left Out: 3361.685+/-0.927 χ^2/NDF : 1409581.4/9

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

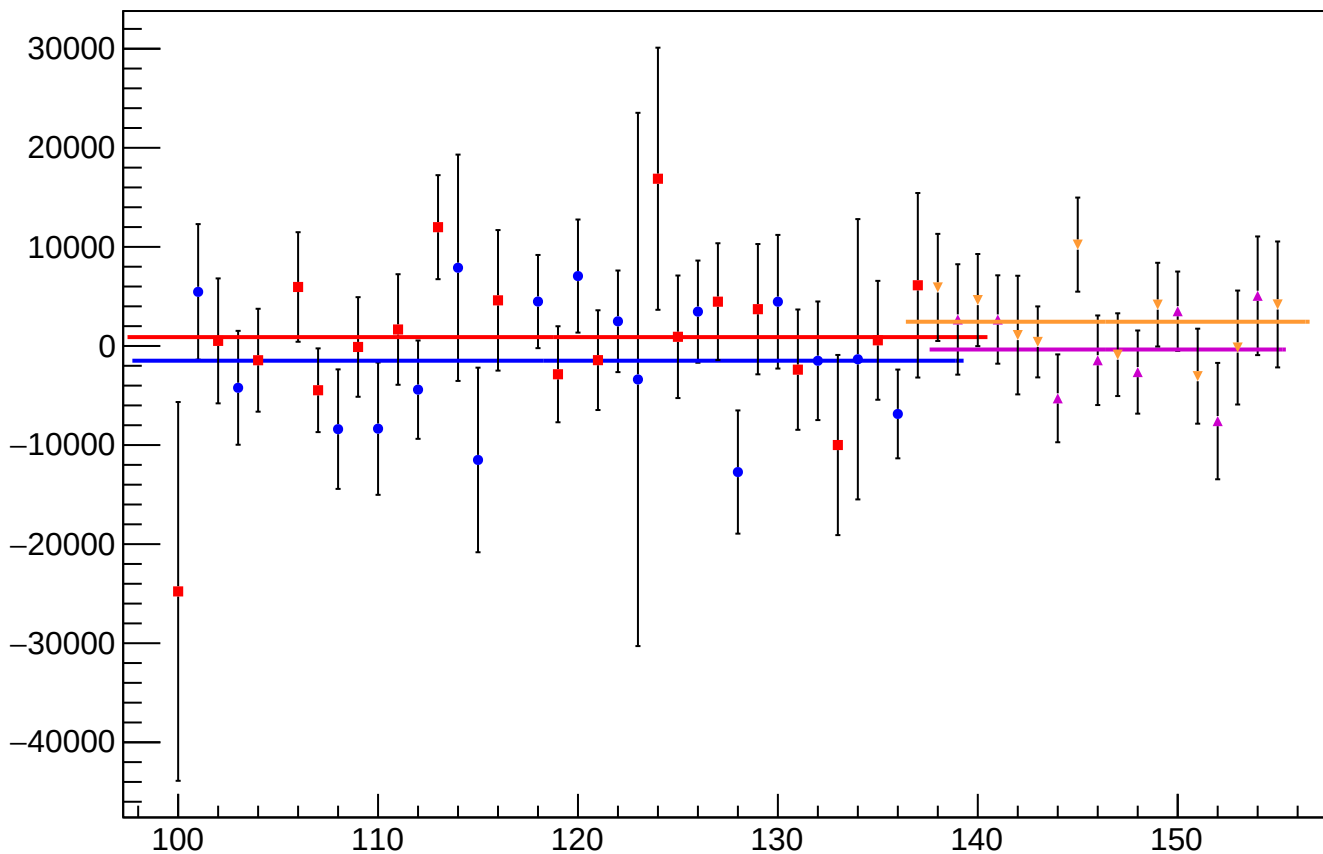
Left In: 4080.556+/-1.133 χ^2/NDF : 295152.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3650.073+/-0.718 χ^2/NDF : 1945782.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



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

Left Out: 2446.517+/-1503.189 χ^2/NDF : 6.1/9

Right Out: 894.160+/-1378.910 χ^2/NDF : 14.1/18

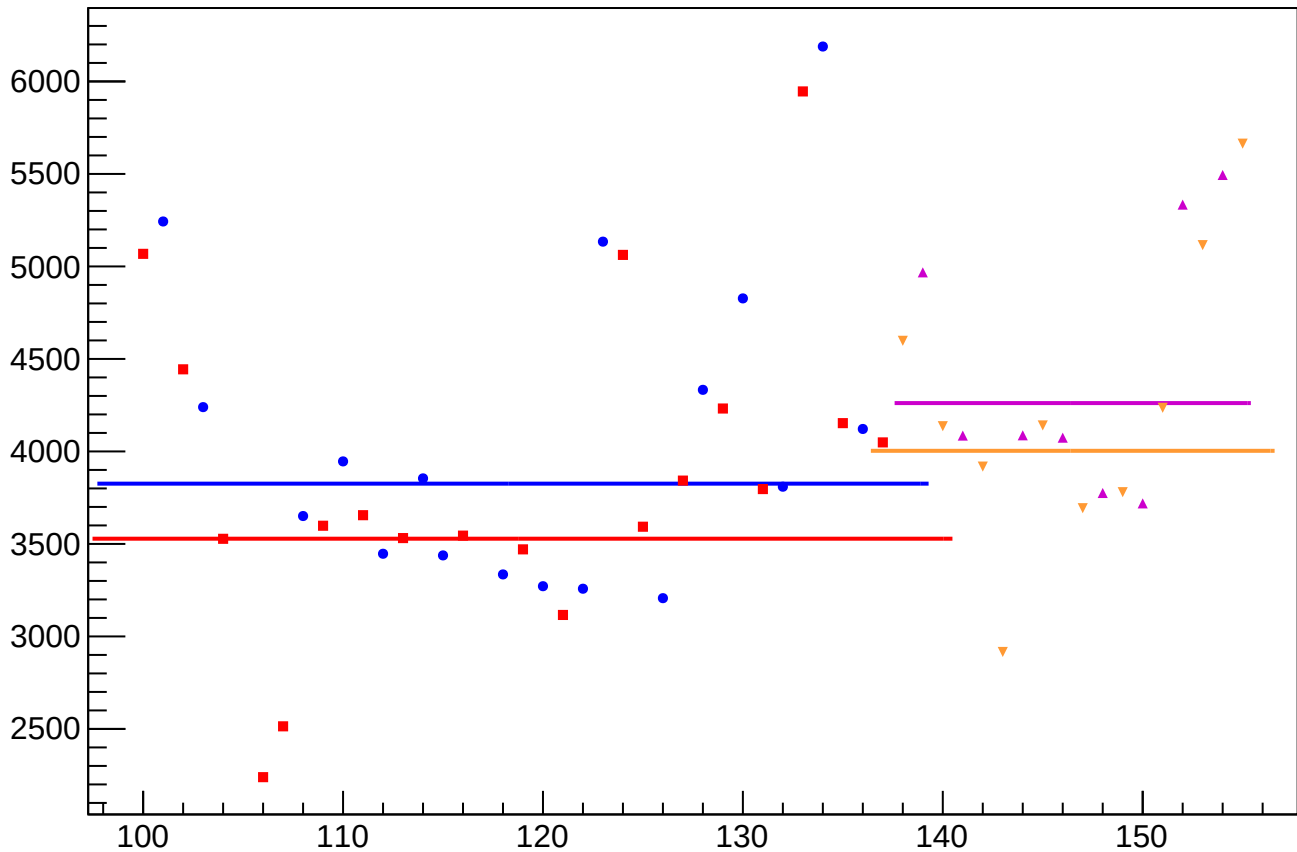
Left In: -356.897+/-1670.448 χ^2/NDF : 5.6/7

+ sign 474.404+/-1061.472 χ^2/NDF : 26.2/26

All: 430.860+/-751.257 χ^2/NDF : 46.3/53

- sign 387.157+/-1063.407 χ^2/NDF : 20.1/26

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4003.353 ± 1.063 χ^2/NDF : 444758.8/9

Right Out: 3528.289 ± 0.966 χ^2/NDF : 555414.1/18

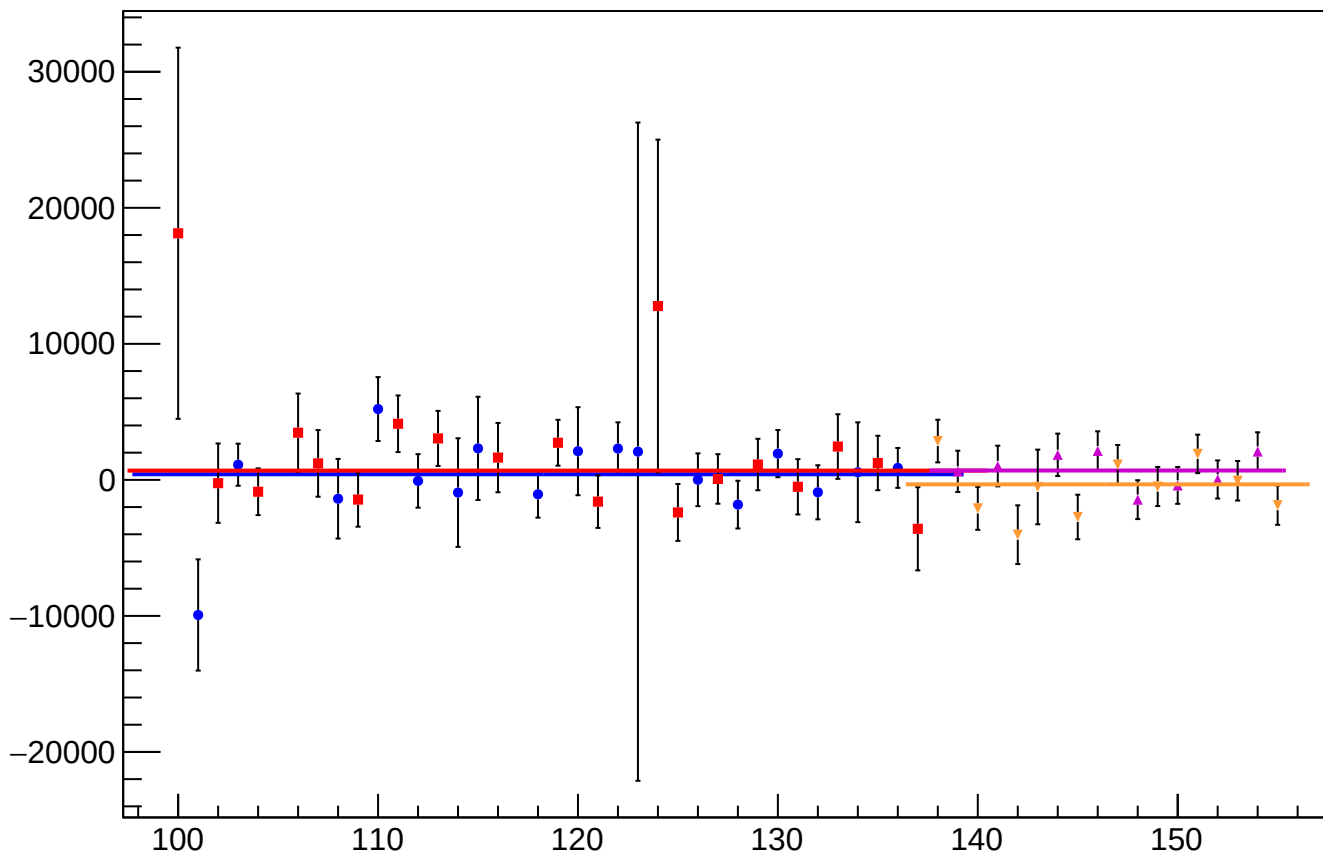
Left In: 4261.349 ± 1.181 χ^2/NDF : 256877.5/7

+ sign 3914.355 ± 0.751 χ^2/NDF : 793146.1/26

All: 3868.085 ± 0.530 χ^2/NDF : 1843774.6/53

- sign 3822.148 ± 0.748 χ^2/NDF : 1043055.0/26

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -329.003 ± 503.414 χ^2/NDF : 15.1/9

Right Out: 682.176 ± 510.196 χ^2/NDF : 18.0/18

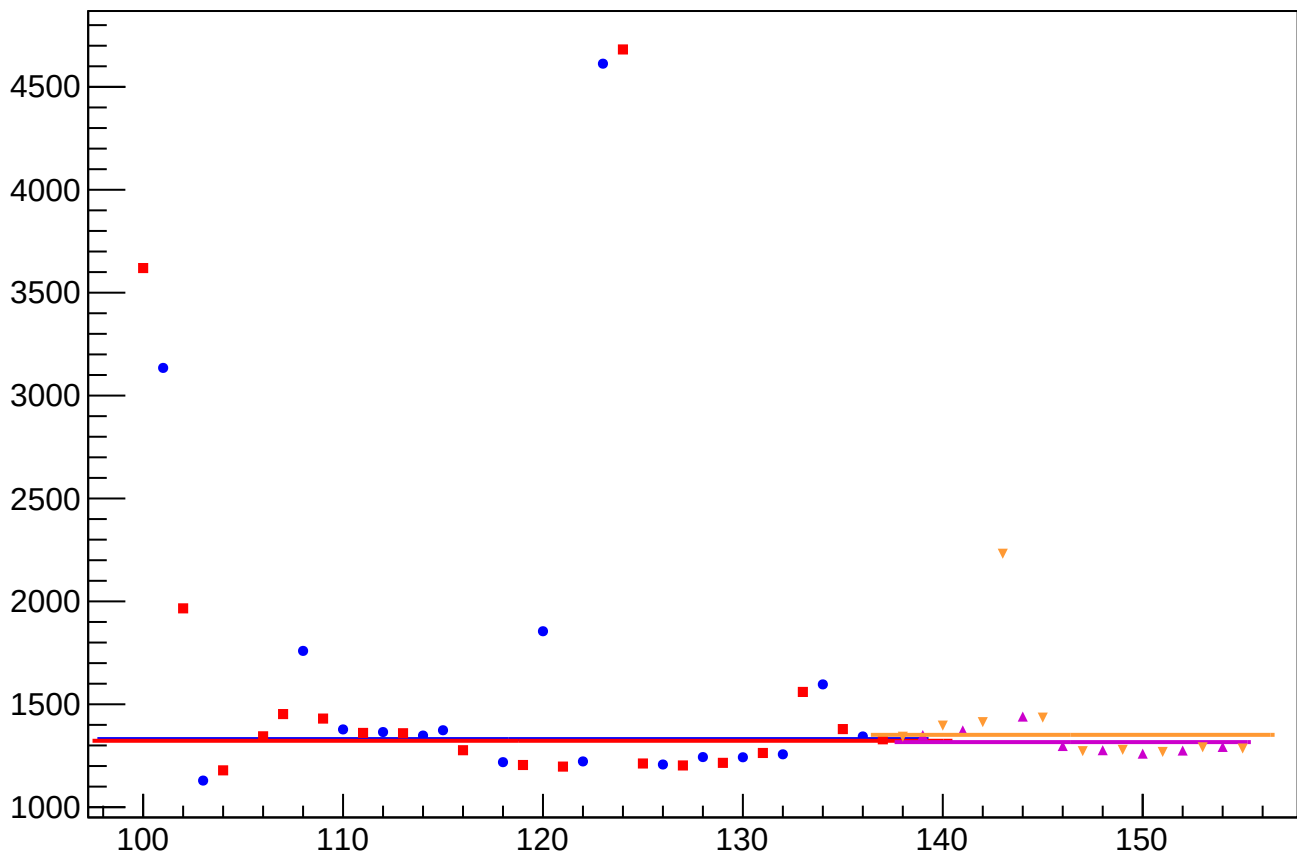
Left In: 688.158 ± 511.720 χ^2/NDF : 5.7/7

+ sign 23.582 ± 364.343 χ^2/NDF : 32.7/26

All: 357.144 ± 256.547 χ^2/NDF : 58.1/53

- sign 685.158 ± 361.301 χ^2/NDF : 23.7/26

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1351.546 $\pm$ 0.356 χ^2 /NDF: 239972.9/9

Right Out: 1322.706 $\pm$ 0.361 χ^2 /NDF: 394413.6/18

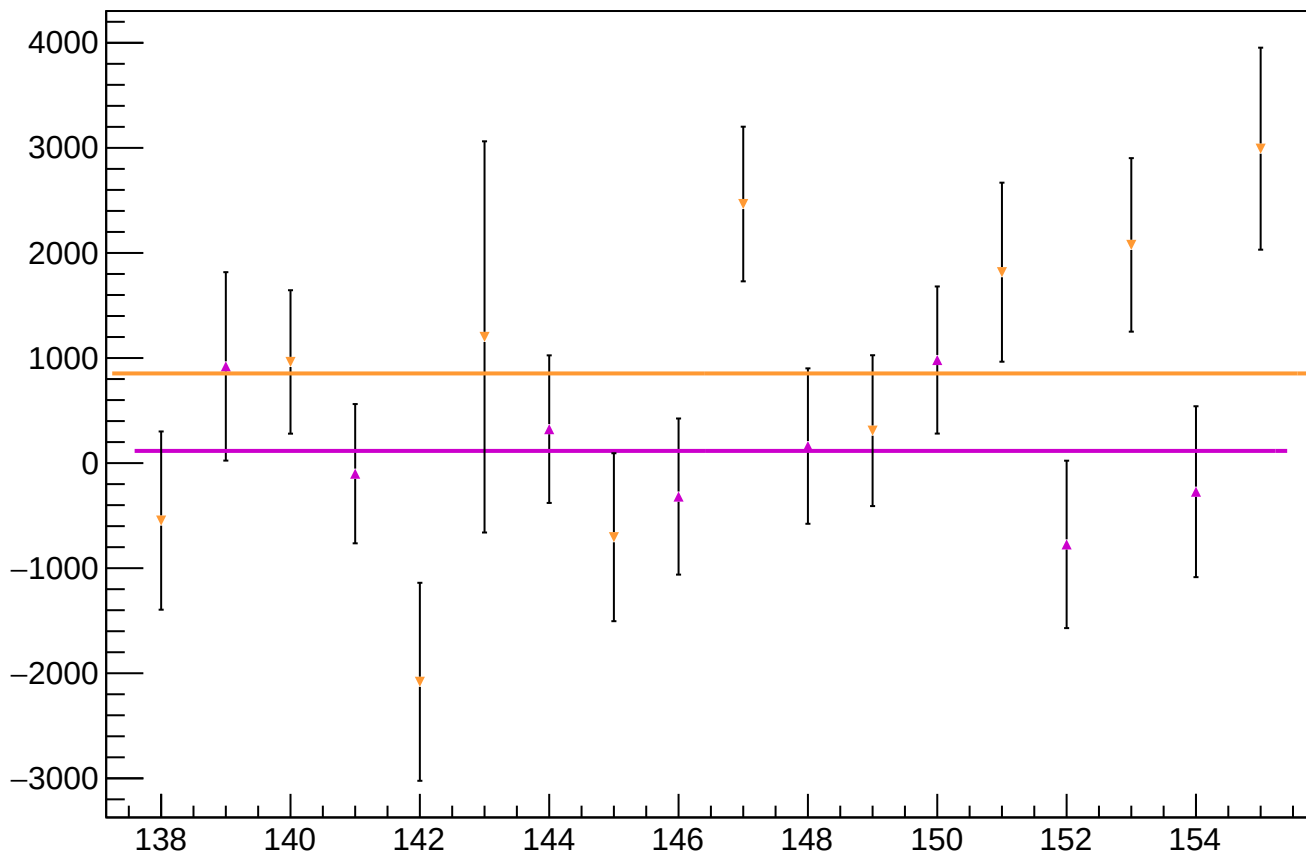
Left In: 1316.264 $\pm$ 0.362 χ^2 /NDF: 24121.3/7

+ sign 1341.709 $\pm$ 0.258 χ^2 /NDF: 845051.0/26

All: 1330.509 $\pm$ 0.181 χ^2 /NDF: 1267493.6/53

- sign 1319.495 $\pm$ 0.255 χ^2 /NDF: 418693.9/26

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 853.342+/-265.083 χ^2/NDF :30.1/9

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

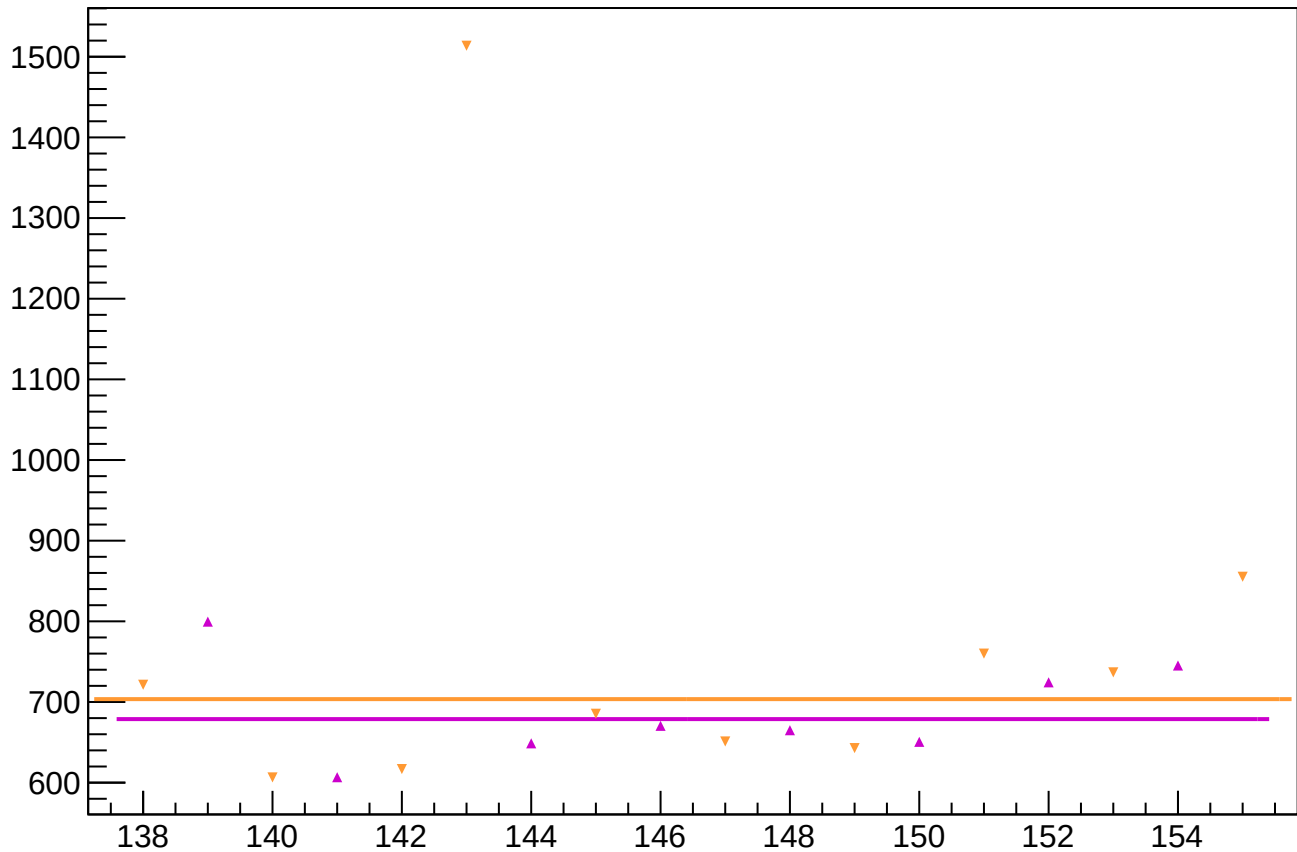
Left In: 116.076+/-264.292 χ^2/NDF :4.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.606+/-187.162 χ^2/NDF : 38.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

Left Out: 703.547+/-0.187 χ^2/NDF :524342.8/9

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

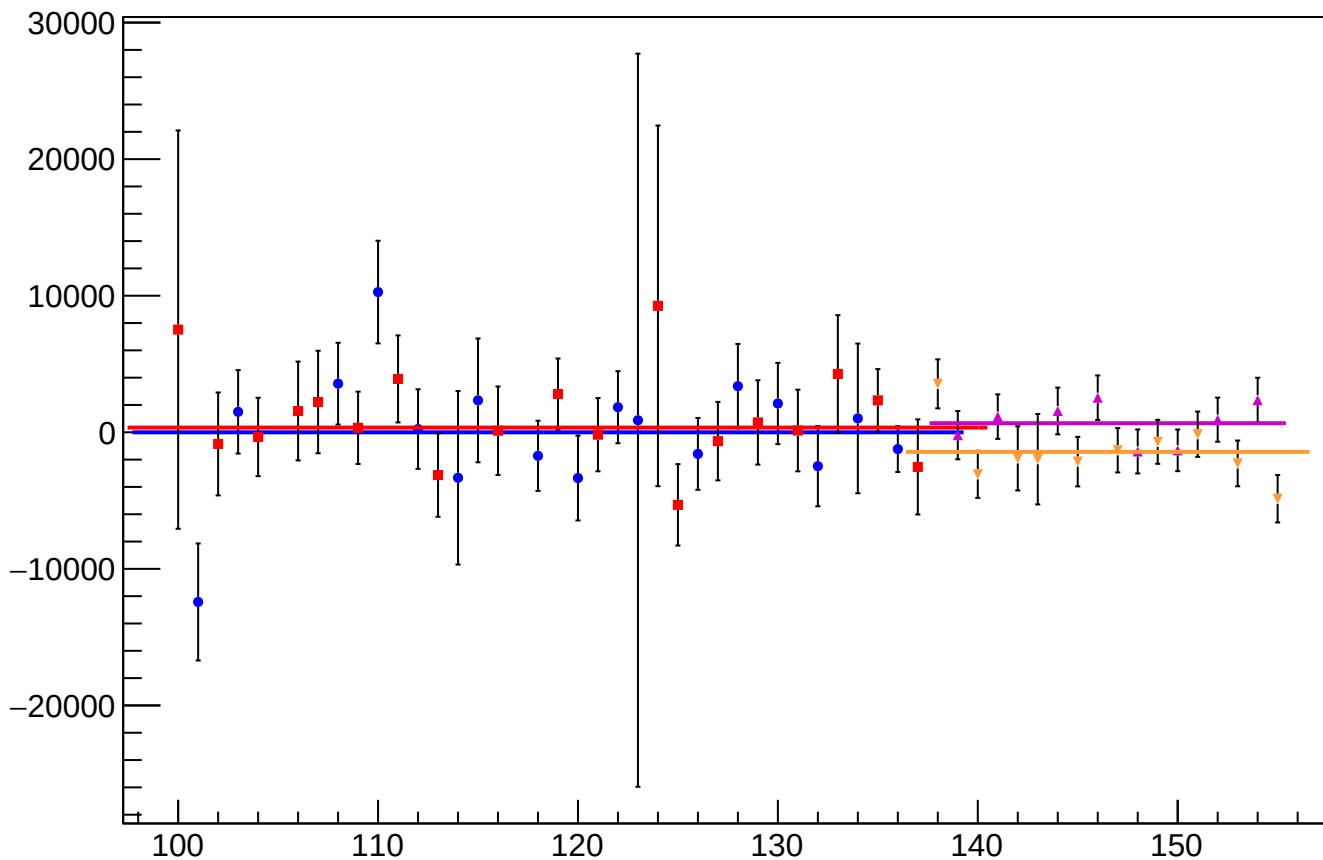
Left In: 678.781+/-0.187 χ^2/NDF :87719.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.127+/-0.132 χ^2/NDF : 620816.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -1433.592 ± 573.388 χ^2/NDF : 13.8/9

Right Out: 345.148 ± 733.723 χ^2/NDF : 10.7/18

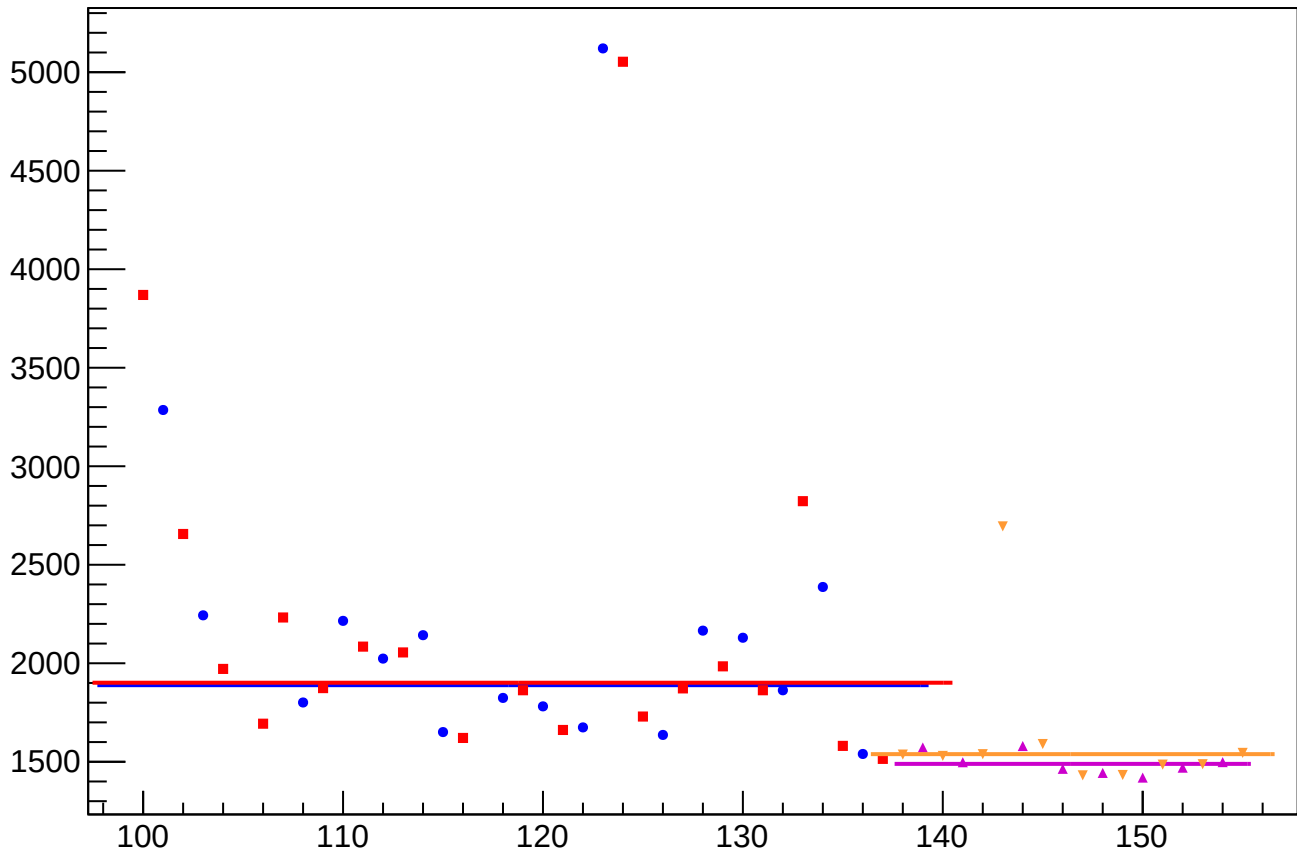
Left In: 663.623 ± 578.621 χ^2/NDF : 6.3/7

+ sign -901.170 ± 454.403 χ^2/NDF : 39.6/26

All: -179.733 ± 321.289 χ^2/NDF : 61.9/53

- sign 541.506 ± 454.341 χ^2/NDF : 17.2/26

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1538.797+/-0.405 χ^2/NDF :266817.1/9

Right Out: 1901.248+/-0.519 χ^2/NDF : 461424.3/18

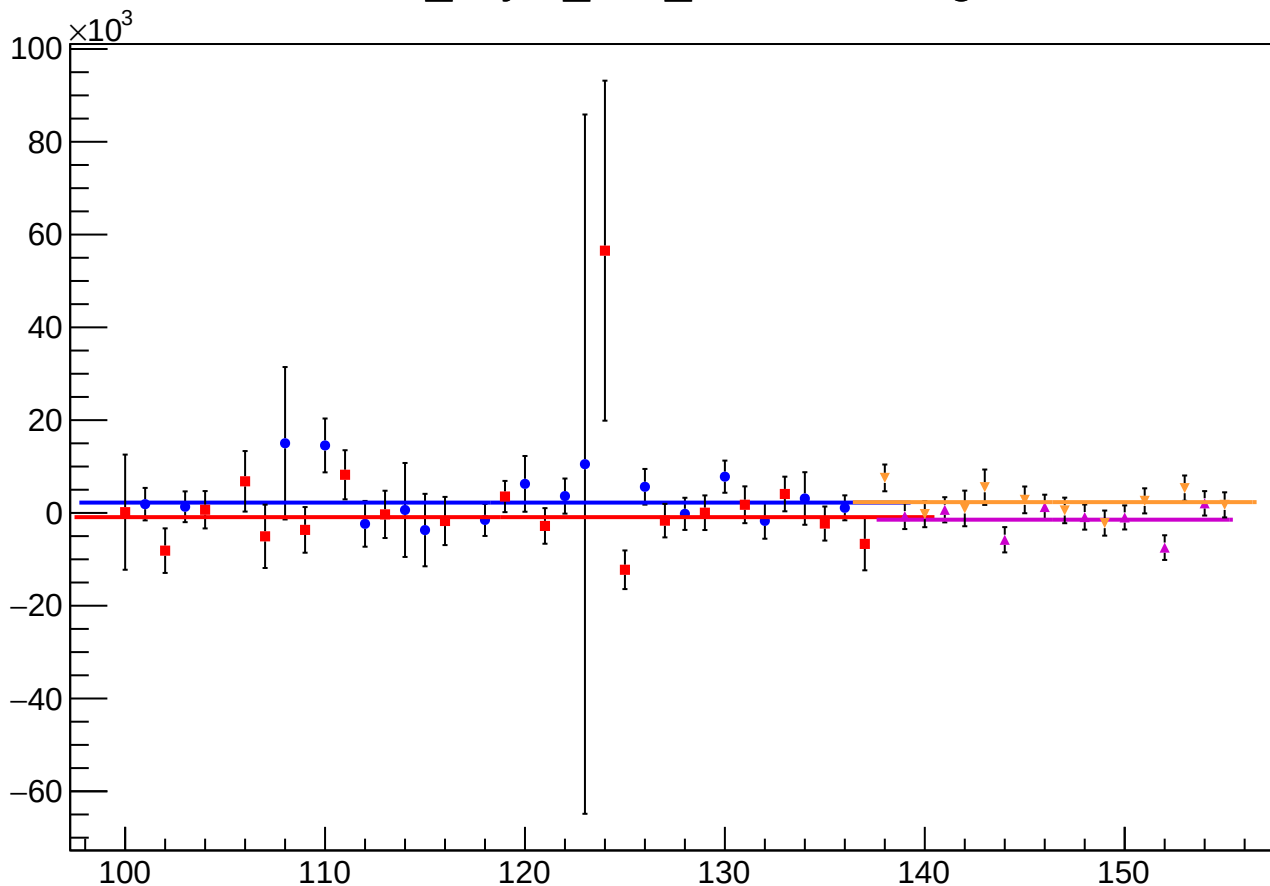
Left In: 1489.332+/-0.409 χ^2/NDF :16707.8/7

+ sign 1668.990+/-0.321 χ^2/NDF : 1009866.5/26

All: 1658.134+/-0.227 χ^2/NDF : 1878938.3/53

- sign 1647.280+/-0.321 χ^2/NDF : 866788.9/26

dit_asym_atl1_mean vs Slug



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

Left Out: 2327.952 $\pm$ 921.019 χ^2 /NDF:9.5/9

Right Out: -907.837 $\pm$ 1046.878 χ^2 /NDF: 22.9/18

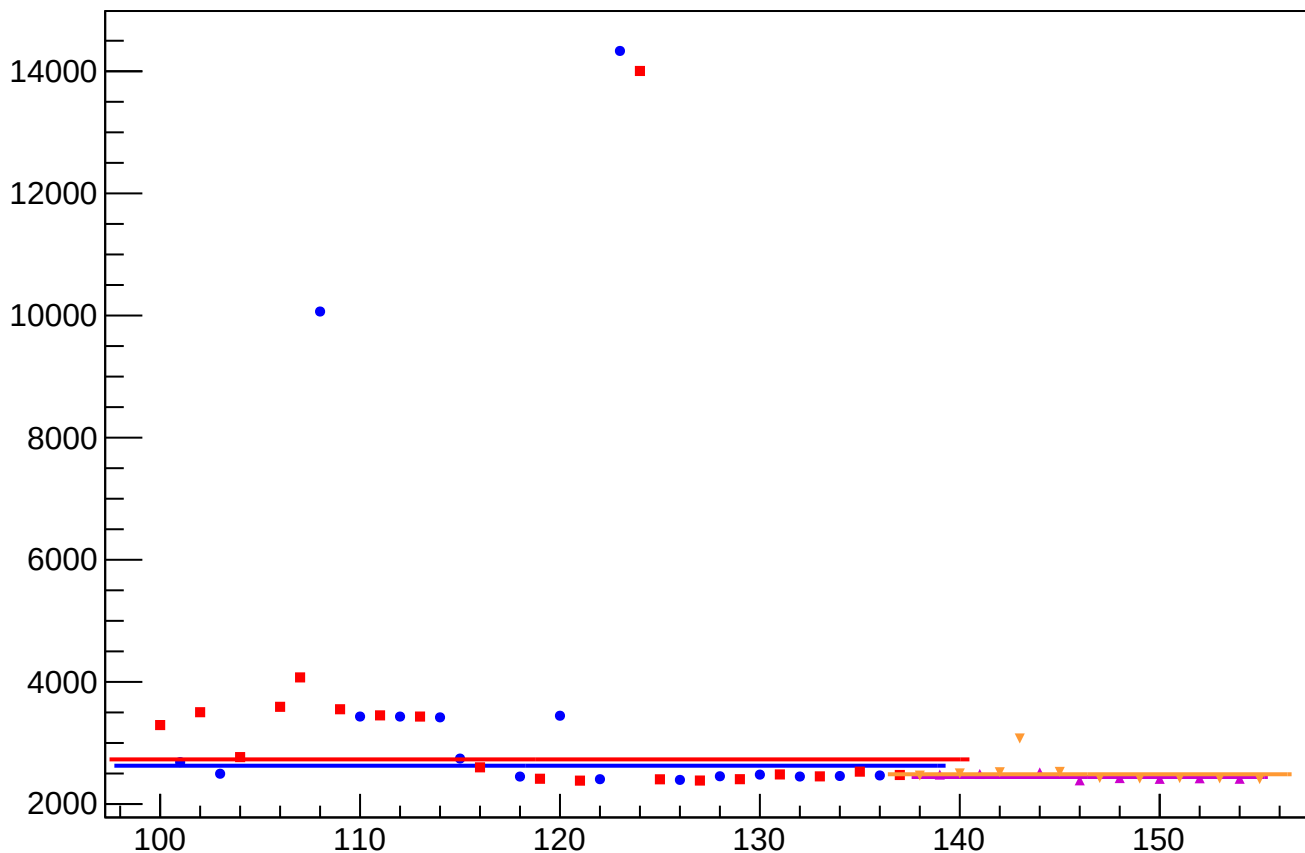
Left In: -1455.720 $\pm$ 948.774 χ^2 /NDF:11.3/7

+ sign 2283.772 $\pm$ 689.297 χ^2 /NDF: 23.0/26

All: 571.970 $\pm$ 492.185 χ^2 /NDF: 69.9/53

- sign -1208.647 $\pm$ 703.016 χ^2 /NDF: 34.3/26

dit_asym_atl1_rms vs Slug



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

Left Out: 2487.618+/-0.651 χ^2/NDF : 54328.5/9

Right Out: 2731.271+/-0.740 χ^2/NDF : 598207.5/18

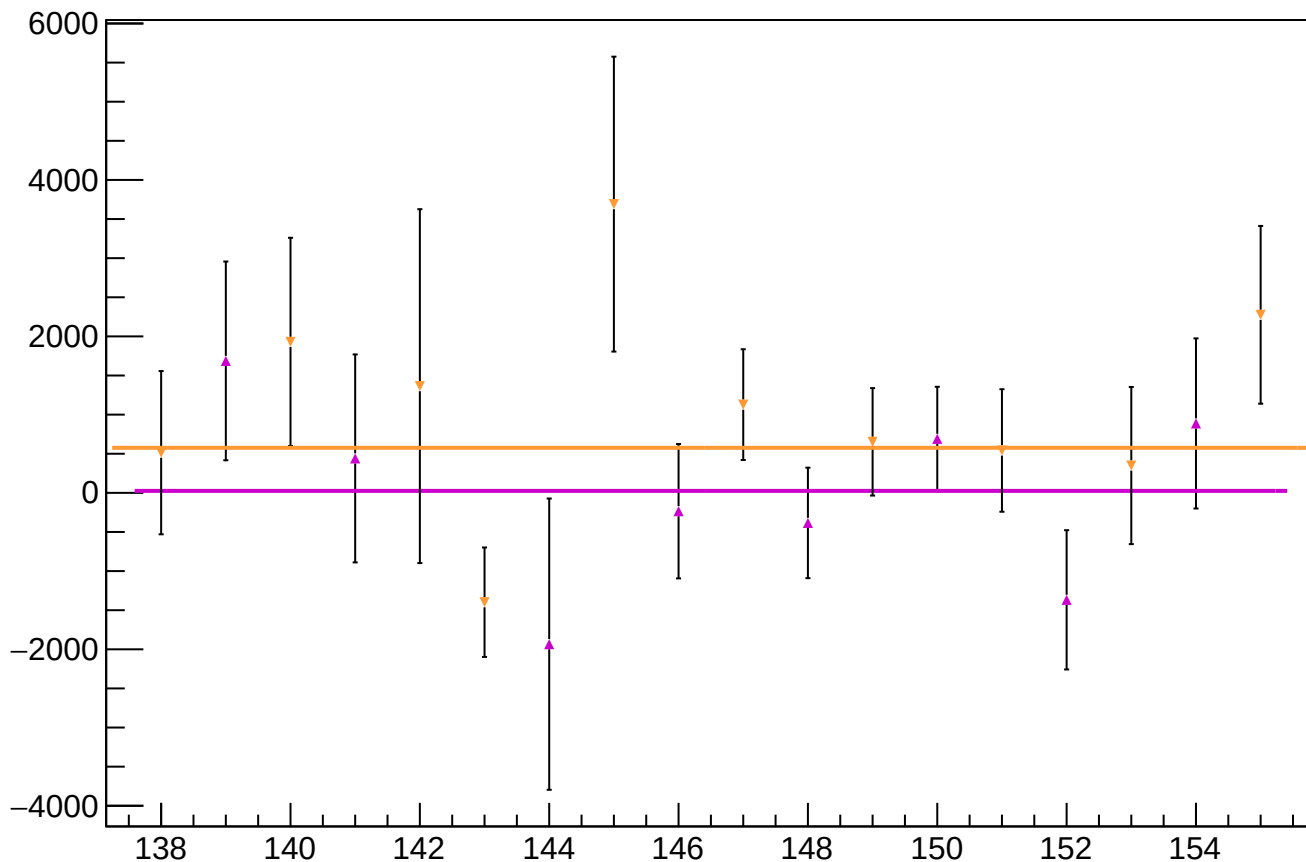
Left In: 2443.169+/-0.671 χ^2/NDF : 4165.1/7

+ sign 2549.181+/-0.487 χ^2/NDF : 719039.1/26

All: 2560.901+/-0.348 χ^2/NDF : 1405754.8/53

- sign 2573.092+/-0.497 χ^2/NDF : 685536.1/26

asym_atl1_correction_mean vs Slug



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

Left Out: 576.221+/-294.660 χ^2/NDF : 14.8/9

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

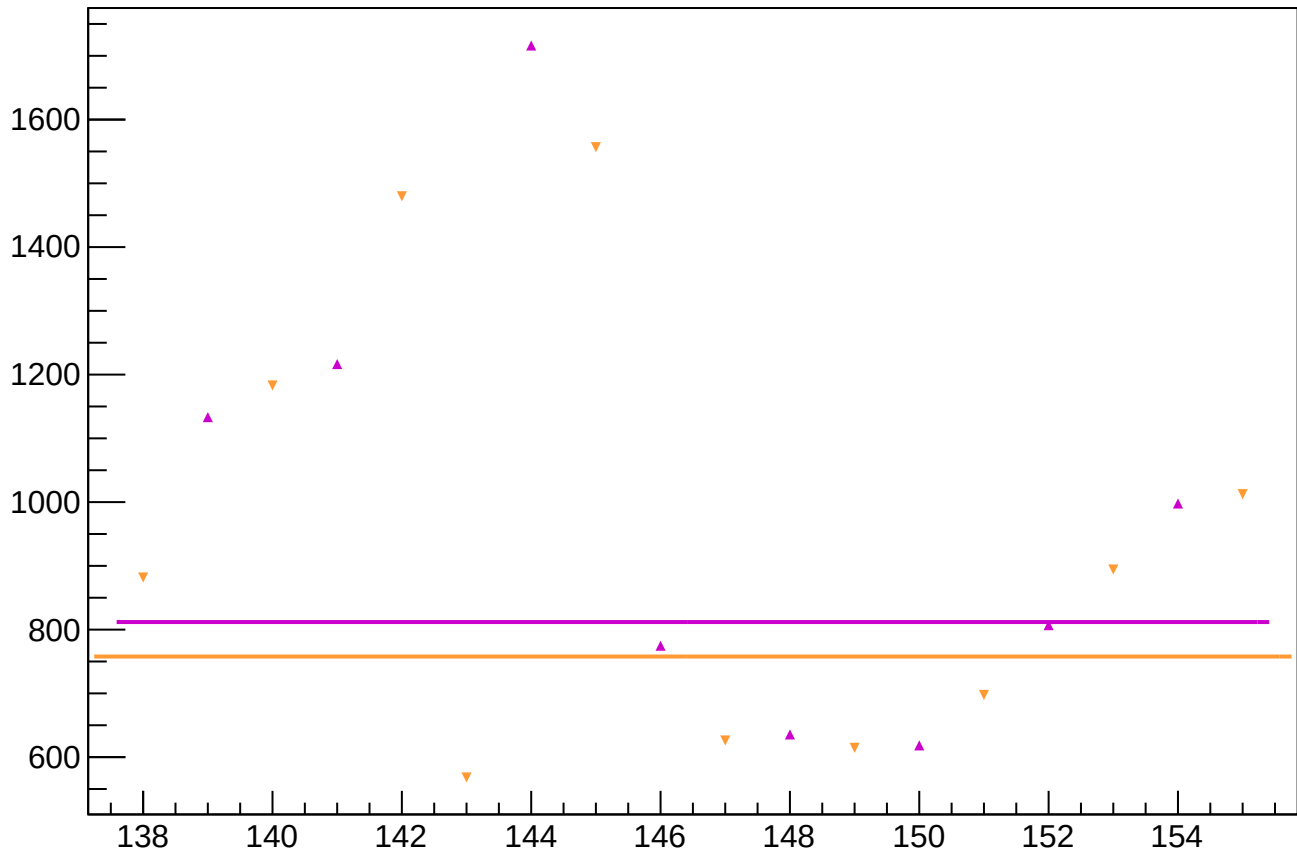
Left In: 25.127+/-329.715 χ^2/NDF : 7.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.518+/-219.708 χ^2/NDF : 23.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_correction_rms vs Slug



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

Left Out: 757.790+/-0.208 χ^2/NDF :1247993.6/9

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

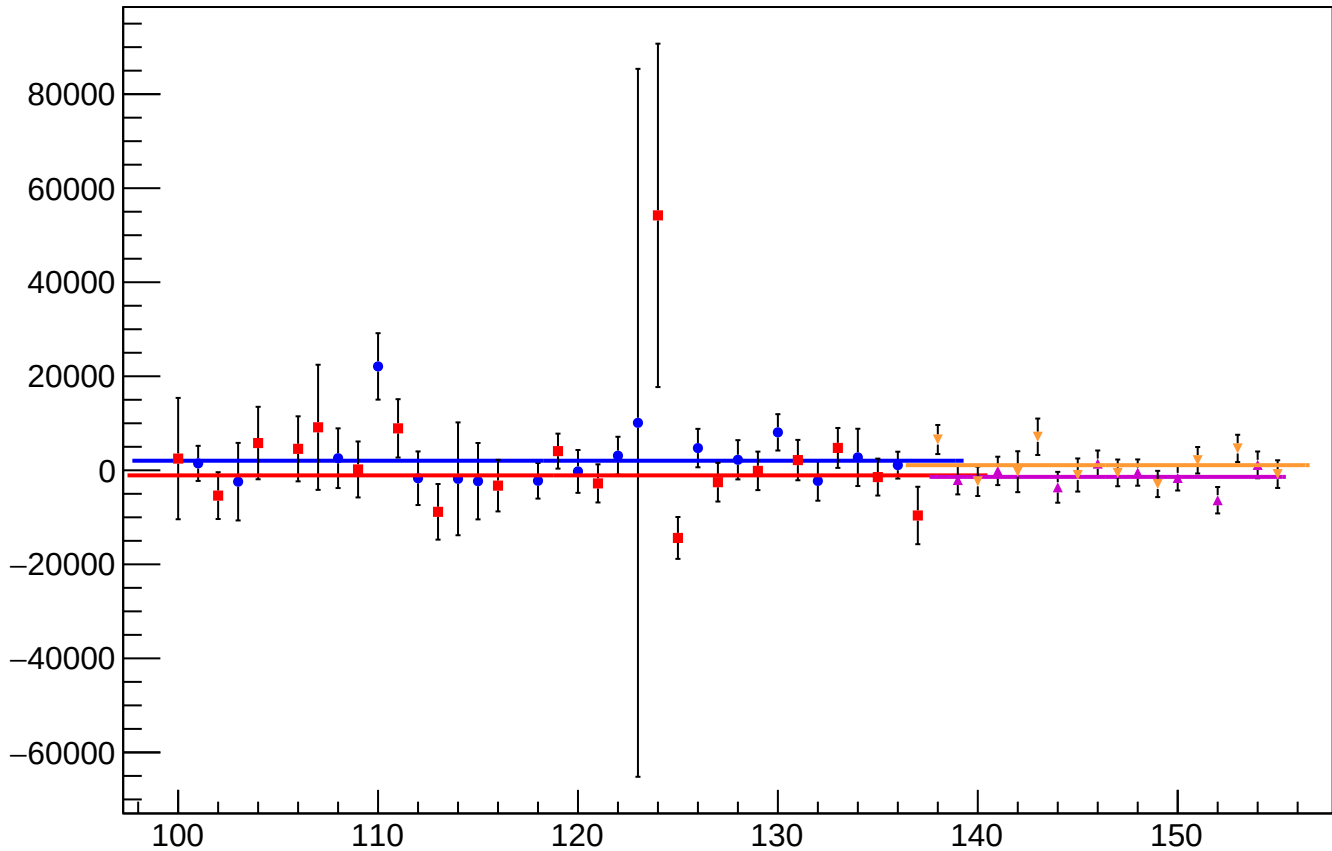
Left In: 811.873+/-0.233 χ^2/NDF :1141087.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.805+/-0.155 χ^2/NDF : 2418998.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_mean vs Slug



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

Left Out: 1090.843+/-990.847 χ^2/NDF : 11.6/9

Right Out: -1080.125+/-1186.666 χ^2/NDF : 25.3/18

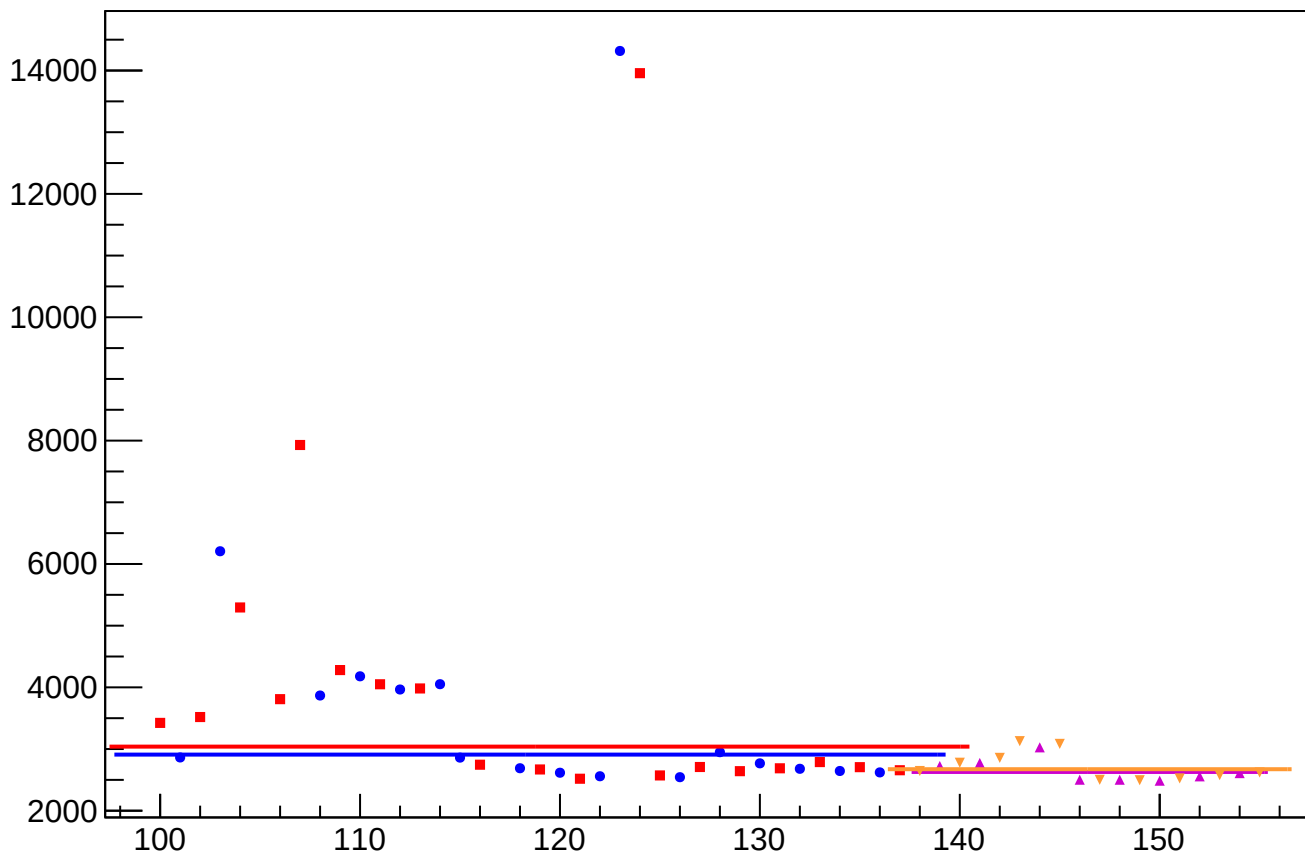
Left In: -1399.723+/-1022.754 χ^2/NDF : 5.8/7

+ sign 1493.741+/-751.044 χ^2/NDF : 26.9/26

All: 157.893+/-539.244 χ^2/NDF : 64.5/53

- sign -1263.505+/-774.719 χ^2/NDF : 31.1/26

asym_atl1_rms vs Slug



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

Left Out: 2672.881+/-0.701 χ^2 /NDF:84654.3/9

Right Out: 3039.118+/-0.839 χ^2 /NDF: 1011306.5/18

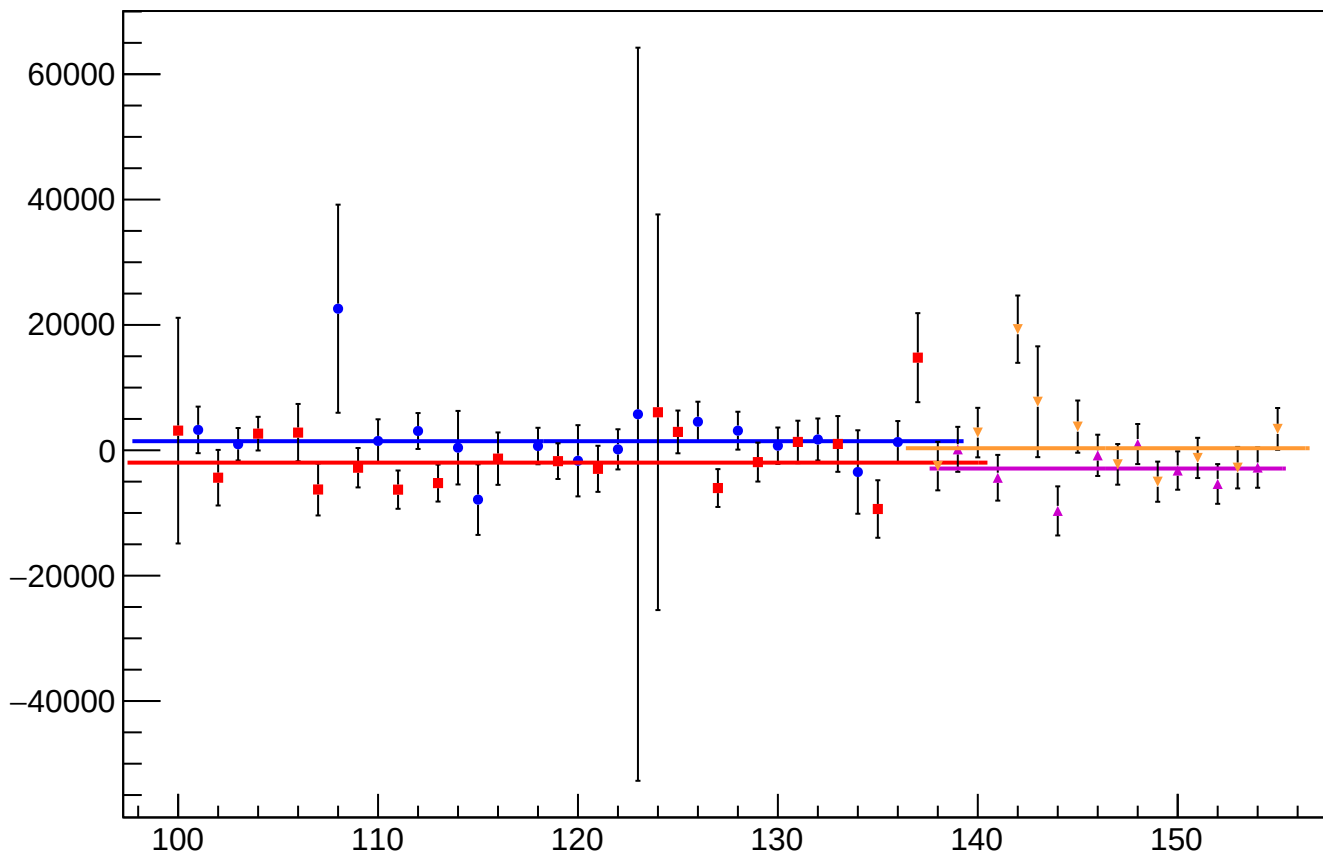
Left In: 2628.427+/-0.723 χ^2 /NDF:51363.8/7

+ sign 2773.653+/-0.531 χ^2 /NDF: 775171.1/26

All: 2788.099+/-0.381 χ^2 /NDF: 1976820.2/53

- sign 2803.471+/-0.548 χ^2 /NDF: 1200121.8/26

dit_asym_atl2_mean vs Slug



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

Left Out: 329.753 $\pm$ 1189.353 χ^2 /NDF:20.2/9

Right Out: -1969.182 $\pm$ 850.490 χ^2 /NDF: 22.4/18

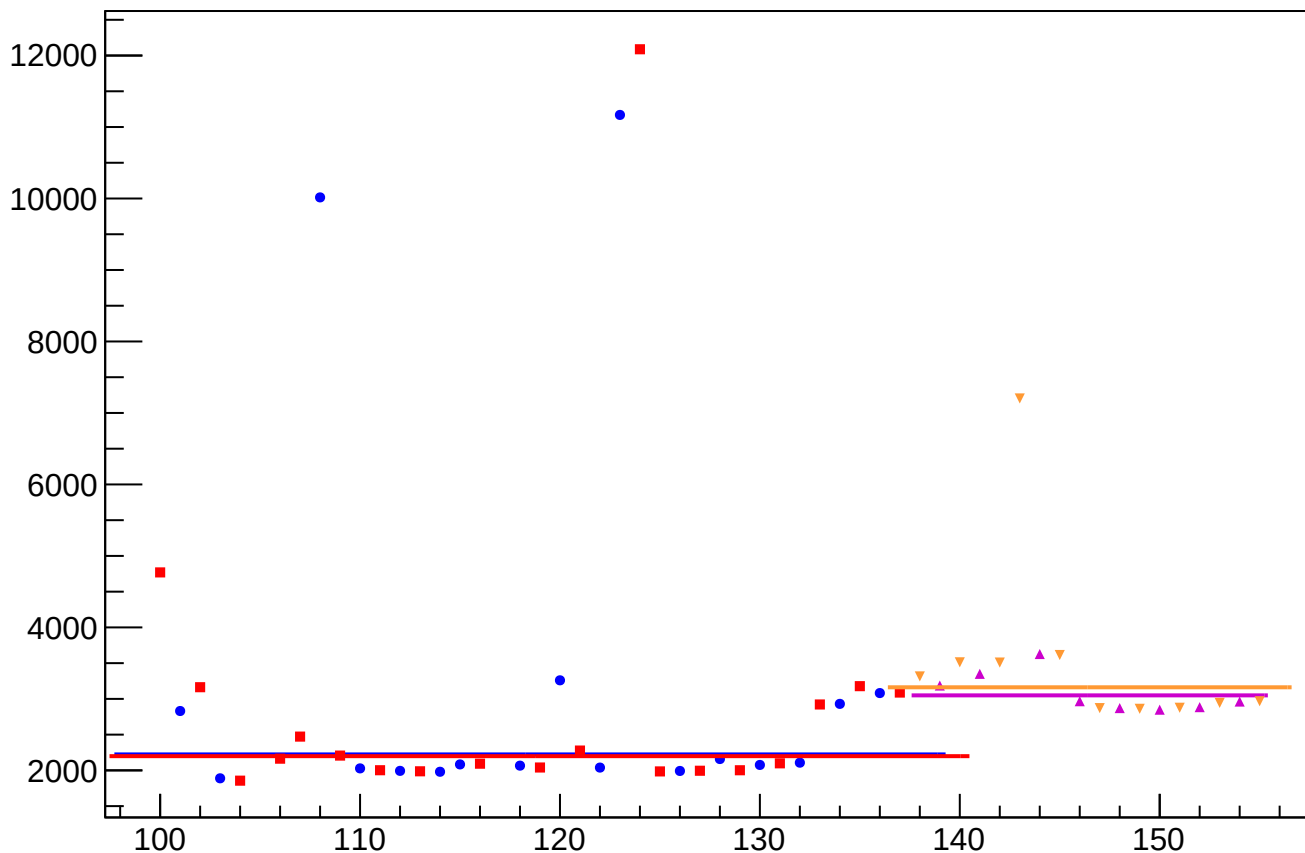
Left In: -2911.010 $\pm$ 1186.312 χ^2 /NDF:6.4/7

+ sign 1049.722 $\pm$ 712.070 χ^2 /NDF: 28.2/26

All: -669.216 $\pm$ 495.970 χ^2 /NDF: 68.7/53

- sign -2288.920 $\pm$ 691.210 χ^2 /NDF: 29.2/26

dit_asym_atl2_rms vs Slug



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

Left Out: 3162.166+/-0.841 χ^2/NDF : 533620.0/9

Right Out: 2198.760+/-0.601 χ^2/NDF : 602418.1/18

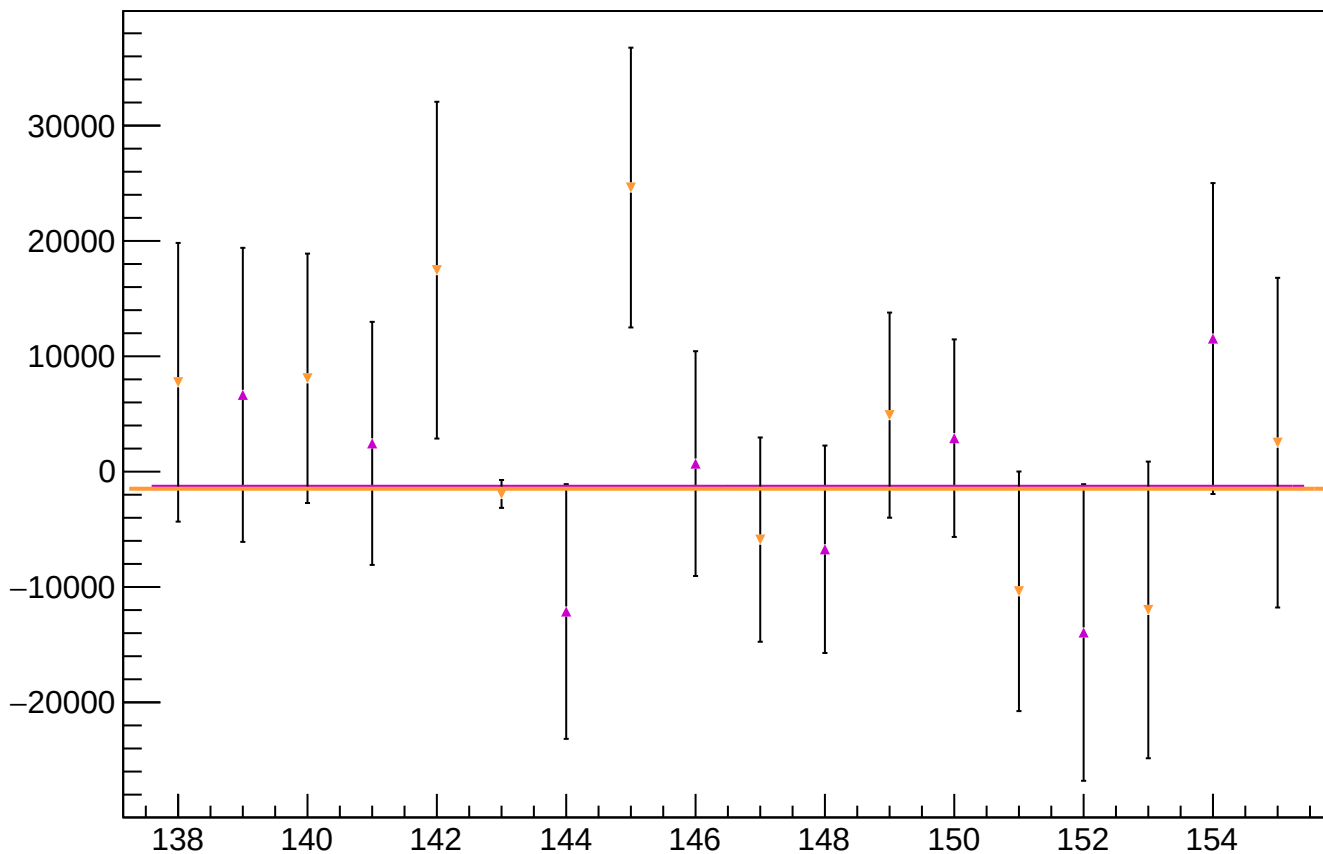
Left In: 3049.271+/-0.839 χ^2/NDF : 83005.1/7

+ sign 2559.725+/-0.504 χ^2/NDF : 2183753.3/26

All: 2522.378+/-0.351 χ^2/NDF : 3559197.1/53

- sign 2487.220+/-0.489 χ^2/NDF : 1364763.0/26

asym_atl2_correction_mean vs Slug



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

Left Out: -1480.154 $\pm$ 1149.318 χ^2 /NDF:10.1/9

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

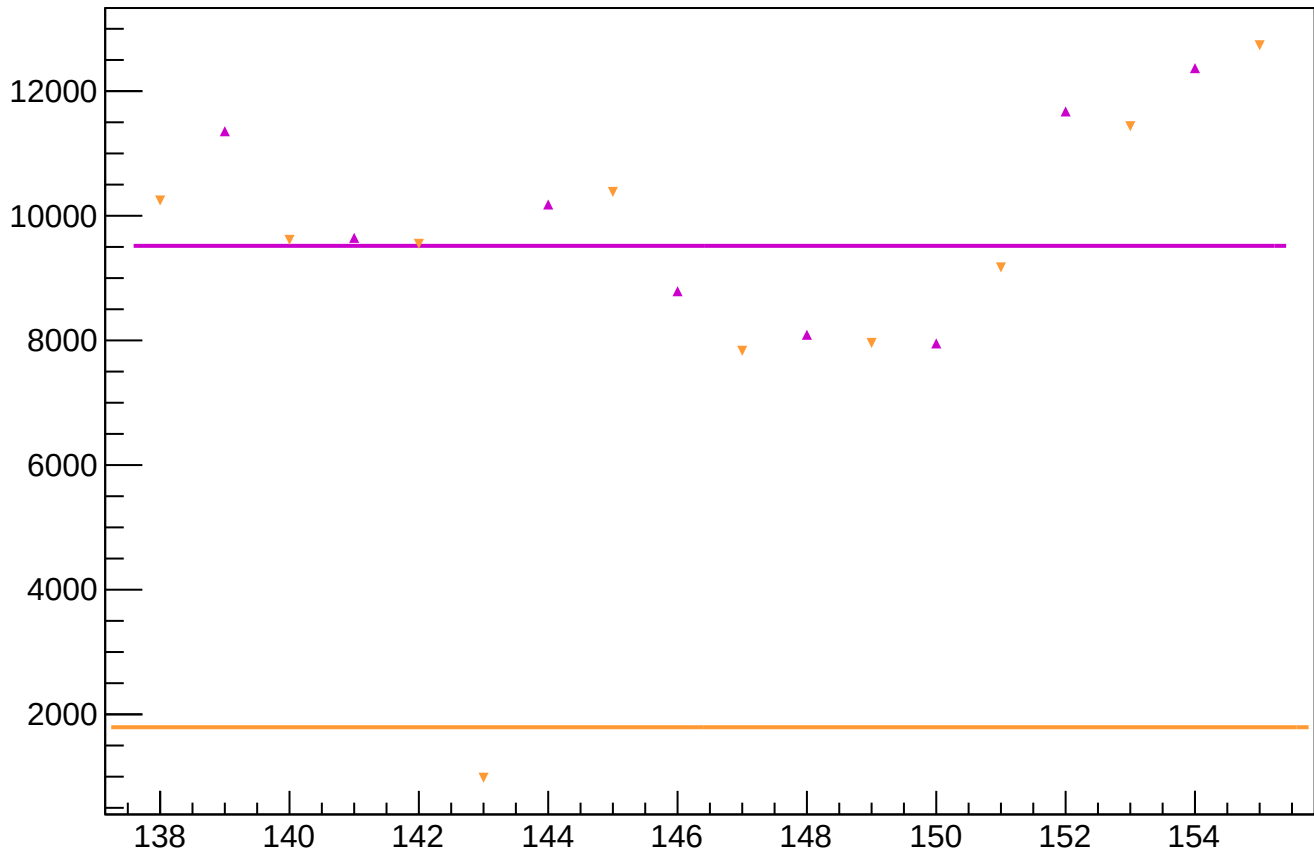
Left In: -1309.287 $\pm$ 3740.577 χ^2 /NDF:4.0/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1465.415 $\pm$ 1098.628 χ^2 /NDF: 14.1/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl2_correction_rms vs Slug



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

Left Out: 1793.565+/-0.813 χ^2/NDF : 9692079.9/9

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

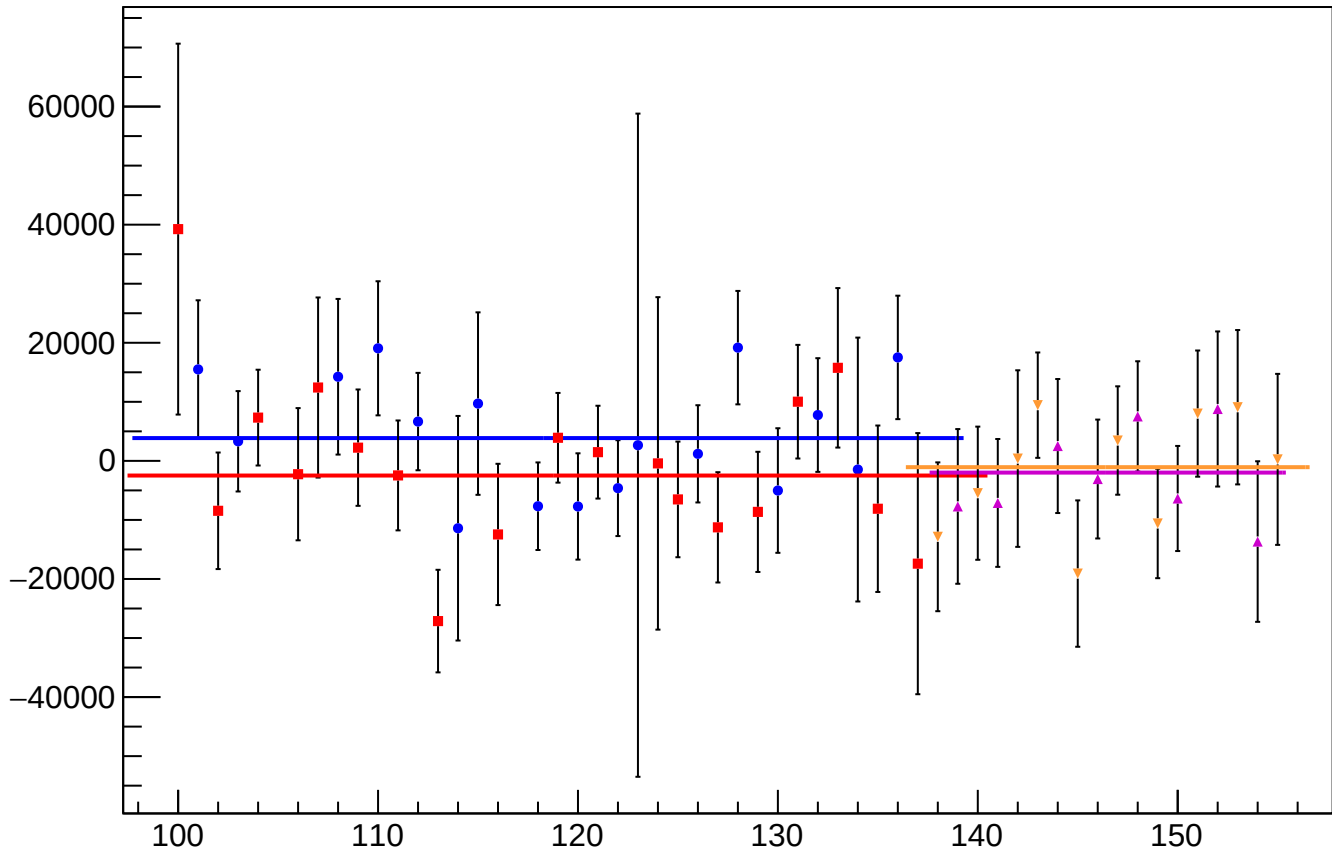
Left In: 9517.612+/-2.645 χ^2/NDF : 323352.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2459.864+/-0.777 χ^2/NDF : 17807701.7/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



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

Left Out: -1066.787+/-3522.130 χ^2/NDF : 7.2/9

Right Out: -2482.925+/-2421.310 χ^2/NDF : 20.0/18

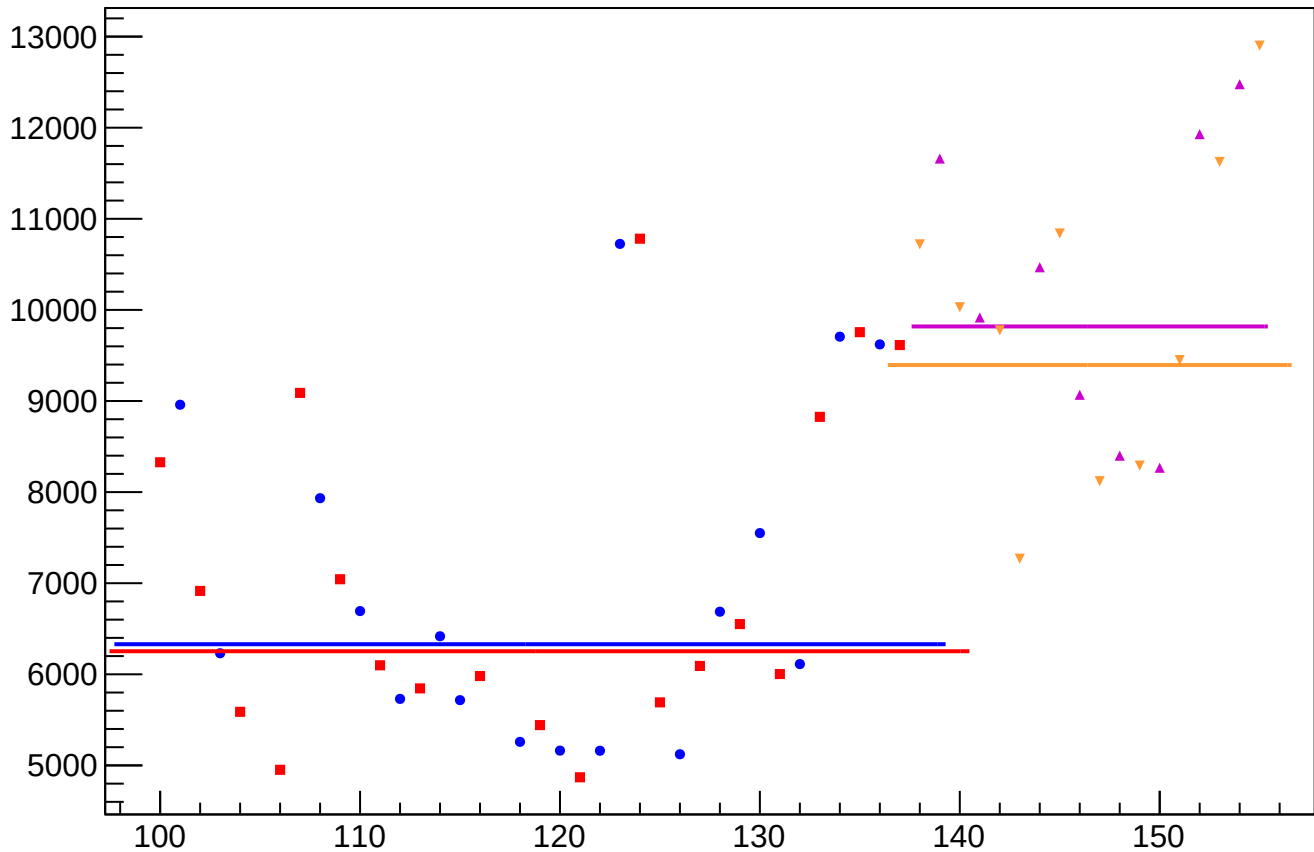
Left In: -1984.643+/-3854.929 χ^2/NDF : 3.3/7

+ sign 2201.614+/-2043.406 χ^2/NDF : 23.2/26

All: -62.412+/-1447.372 χ^2/NDF : 49.0/53

- sign -2341.957+/-2050.398 χ^2/NDF : 23.3/26

asym_atl2_rms vs Slug



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

Left Out: 9394.781+/-2.491 χ^2/NDF : 412950.7/9

+ sign 7361.755+/-1.445 χ^2/NDF : 2010777.7/26

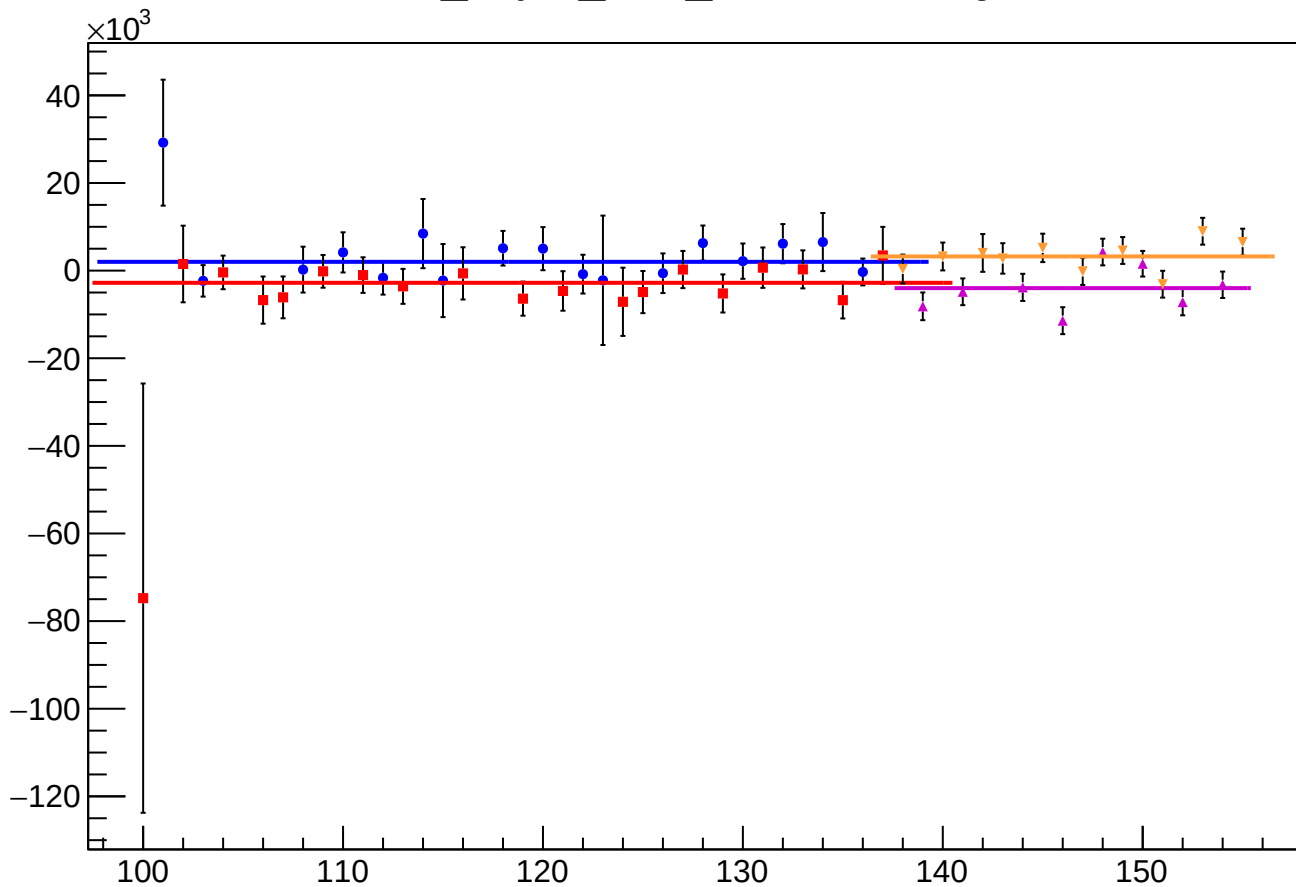
Right Out: 6253.330+/-1.712 χ^2/NDF : 535355.5/18

All: 7311.974+/-1.023 χ^2/NDF : 4067653.4/53

- sign 7261.854+/-1.450 χ^2/NDF : 2054493.6/26

Left In: 9818.427+/-2.726 χ^2/NDF : 292470.9/7

dit_asym_atr1_mean vs Slug



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

Left Out: 3235.271+/-1023.646 χ^2/NDF : 11.5/9

Right Out: -2781.006+/-1086.164 χ^2/NDF : 9.9/18

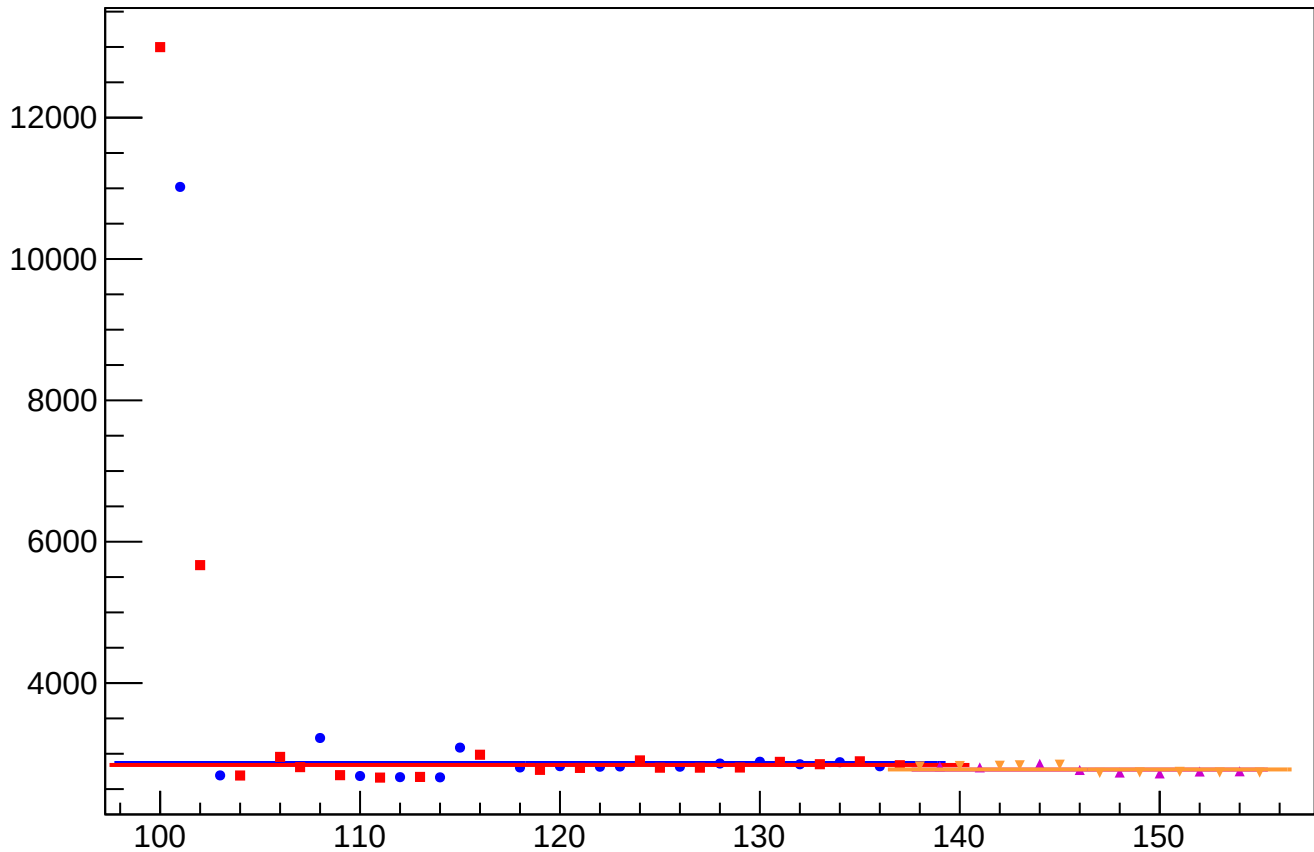
Left In: -3994.182+/-1077.293 χ^2/NDF : 19.8/7

+ sign 2683.195+/-759.926 χ^2/NDF : 24.2/26

All: -334.956+/-539.091 χ^2/NDF : 86.3/53

- sign -3392.568+/-764.878 χ^2/NDF : 30.3/26

dit_asym_atr1_rms vs Slug



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

Left Out: 2778.013+/-0.724 χ^2/NDF : 4535.0/9

Right Out: 2841.561+/-0.768 χ^2/NDF : 312523.0/18

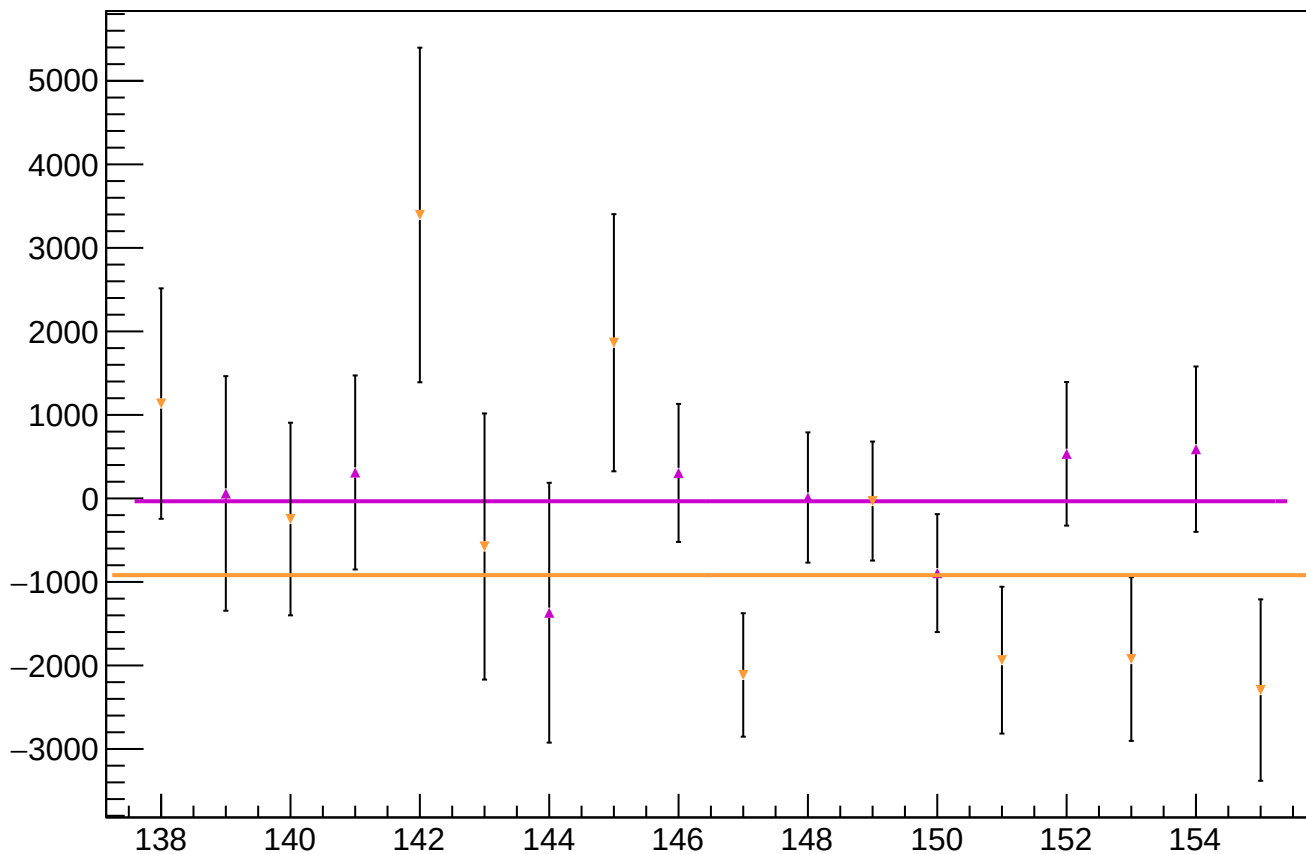
Left In: 2775.567+/-0.762 χ^2/NDF : 3397.7/7

+ sign 2818.944+/-0.537 χ^2/NDF : 681559.2/26

All: 2813.653+/-0.381 χ^2/NDF : 1001396.9/53

- sign 2808.293+/-0.541 χ^2/NDF : 319642.6/26

asym_atr1_correction_mean vs Slug



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

Left Out: -918.808+/-327.464 χ^2/NDF :18.7/9

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

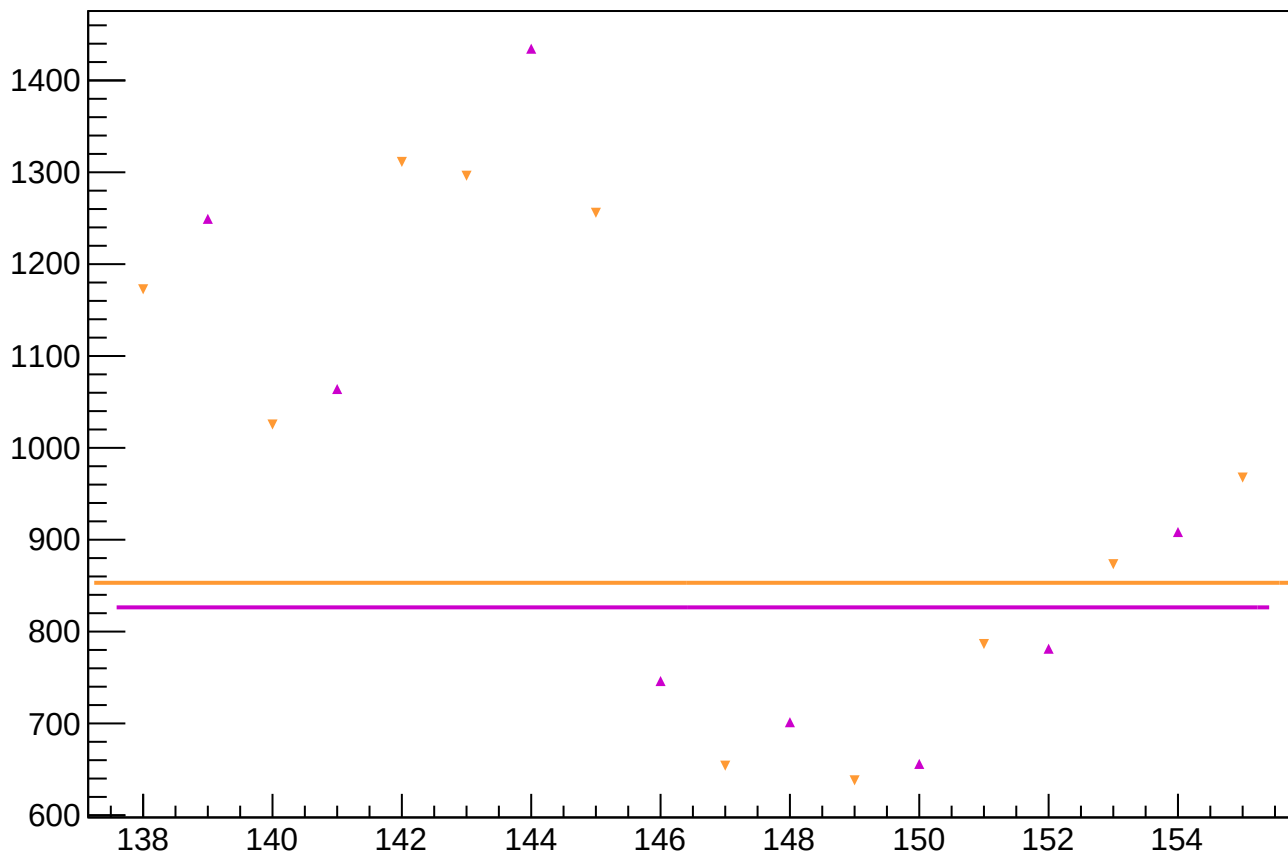
Left In: -33.783+/-330.603 χ^2/NDF :3.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -480.516+/-232.654 χ^2/NDF : 25.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_correction_rms vs Slug



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

Left Out: 853.103+/-0.232 χ^2/NDF : 910025.3/9

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

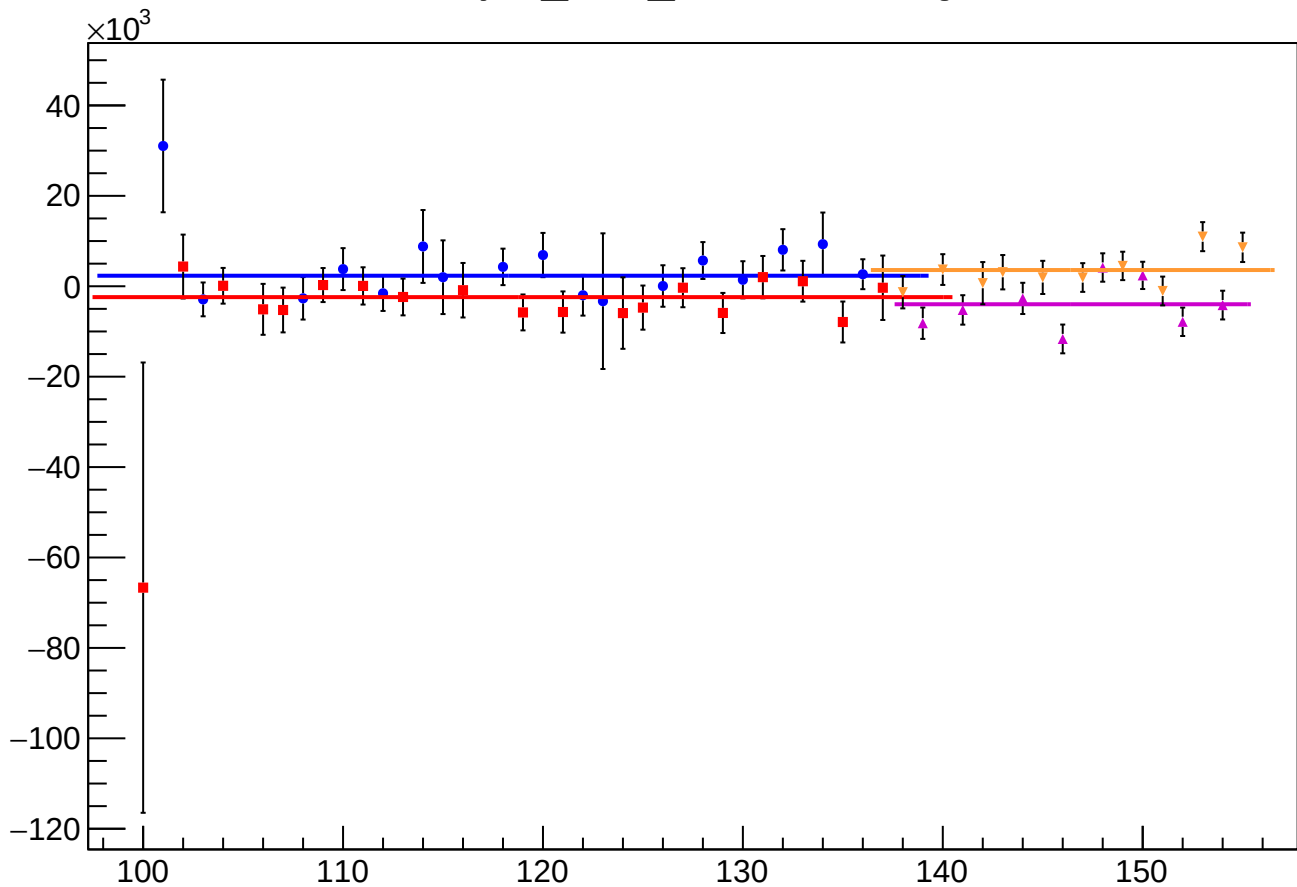
Left In: 826.358+/-0.234 χ^2/NDF : 776865.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.858+/-0.165 χ^2/NDF : 1693497.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 3587.563+/-1088.094 χ^2/NDF : 12.6/9

Right Out: -2403.750+/-1110.093 χ^2/NDF : 10.1/18

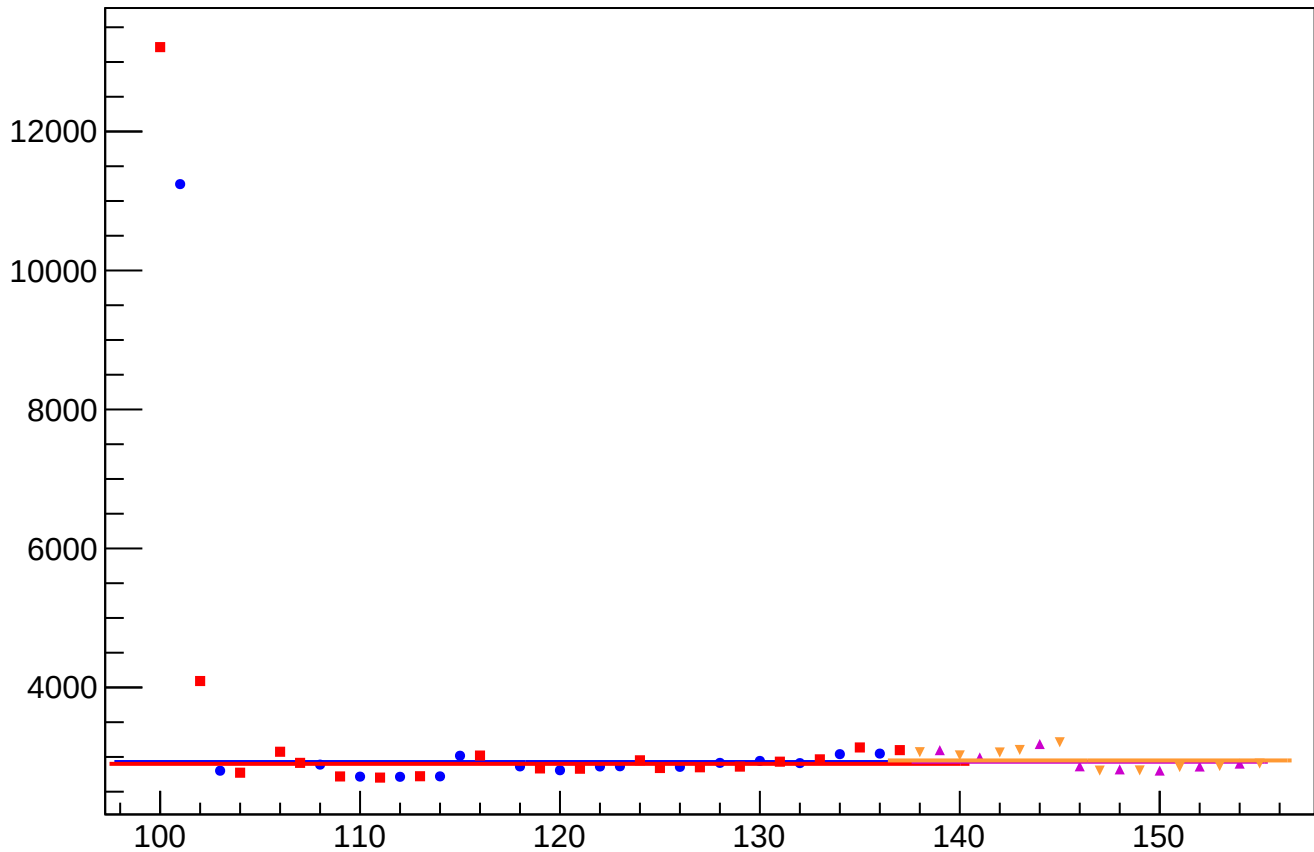
Left In: -3980.222+/-1138.556 χ^2/NDF : 20.3/7

+ sign 2997.164+/-792.496 χ^2/NDF : 27.6/26

All: -78.379+/-561.202 χ^2/NDF : 89.2/53

- sign -3172.034+/-794.827 χ^2/NDF : 31.3/26

asym_atr1_rms vs Slug



Right In: 2926.610 $\pm$ 0.818 χ^2 /NDF: 662794.4/16

Left Out: 2949.716 $\pm$ 0.769 χ^2 /NDF: 29504.6/9

Right Out: 2900.827 $\pm$ 0.785 χ^2 /NDF: 169866.6/18

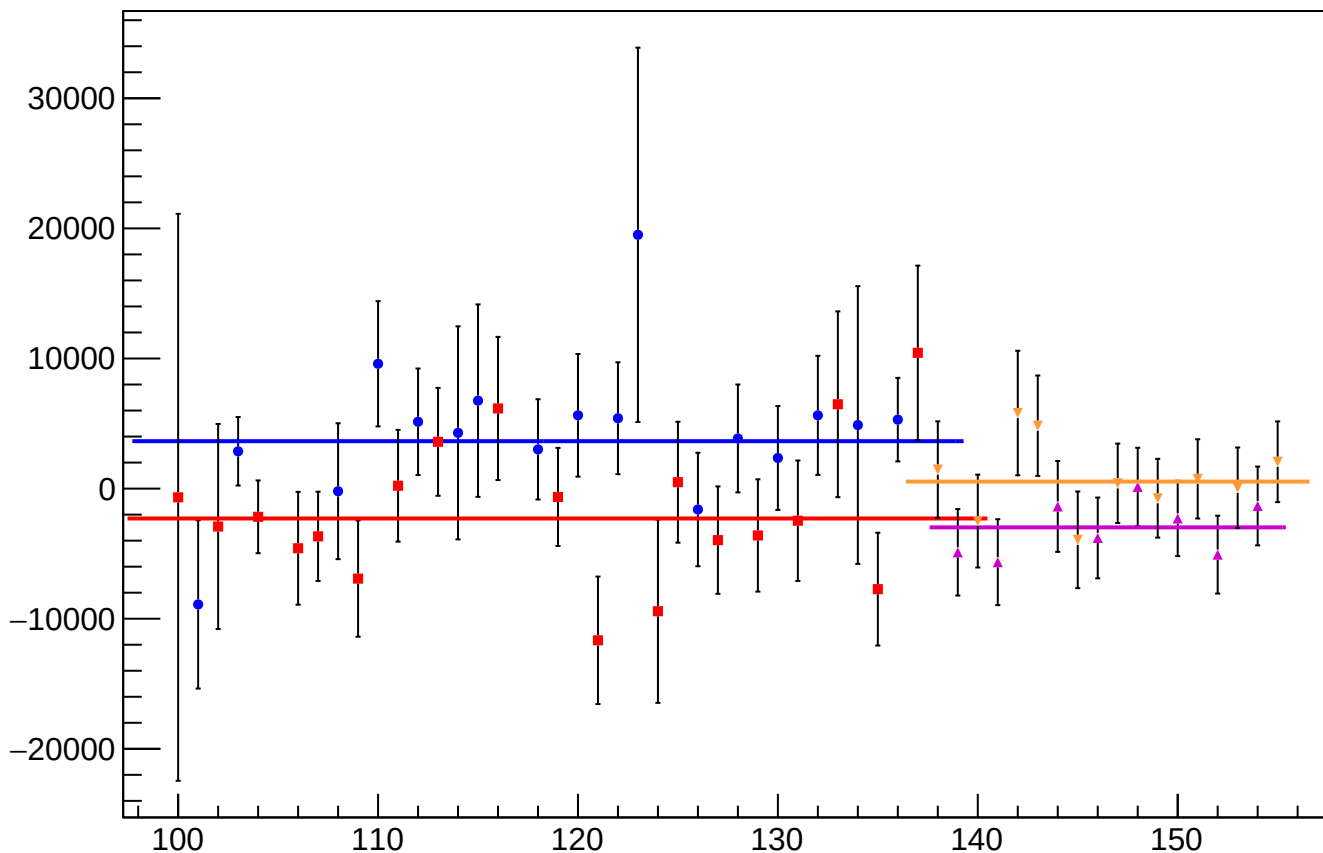
Left In: 2930.983 $\pm$ 0.805 χ^2 /NDF: 24189.1/7

+ sign 2938.867 $\pm$ 0.560 χ^2 /NDF: 692722.4/26

All: 2927.230 $\pm$ 0.397 χ^2 /NDF: 888362.5/53

- sign 2915.523 $\pm$ 0.562 χ^2 /NDF: 194775.0/26

dit_asym_atr2_mean vs Slug



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

Left Out: 539.347 $\pm$ 1074.009 χ^2 /NDF:5.1/9

Right Out: -2295.846 $\pm$ 1046.865 χ^2 /NDF: 18.4/18

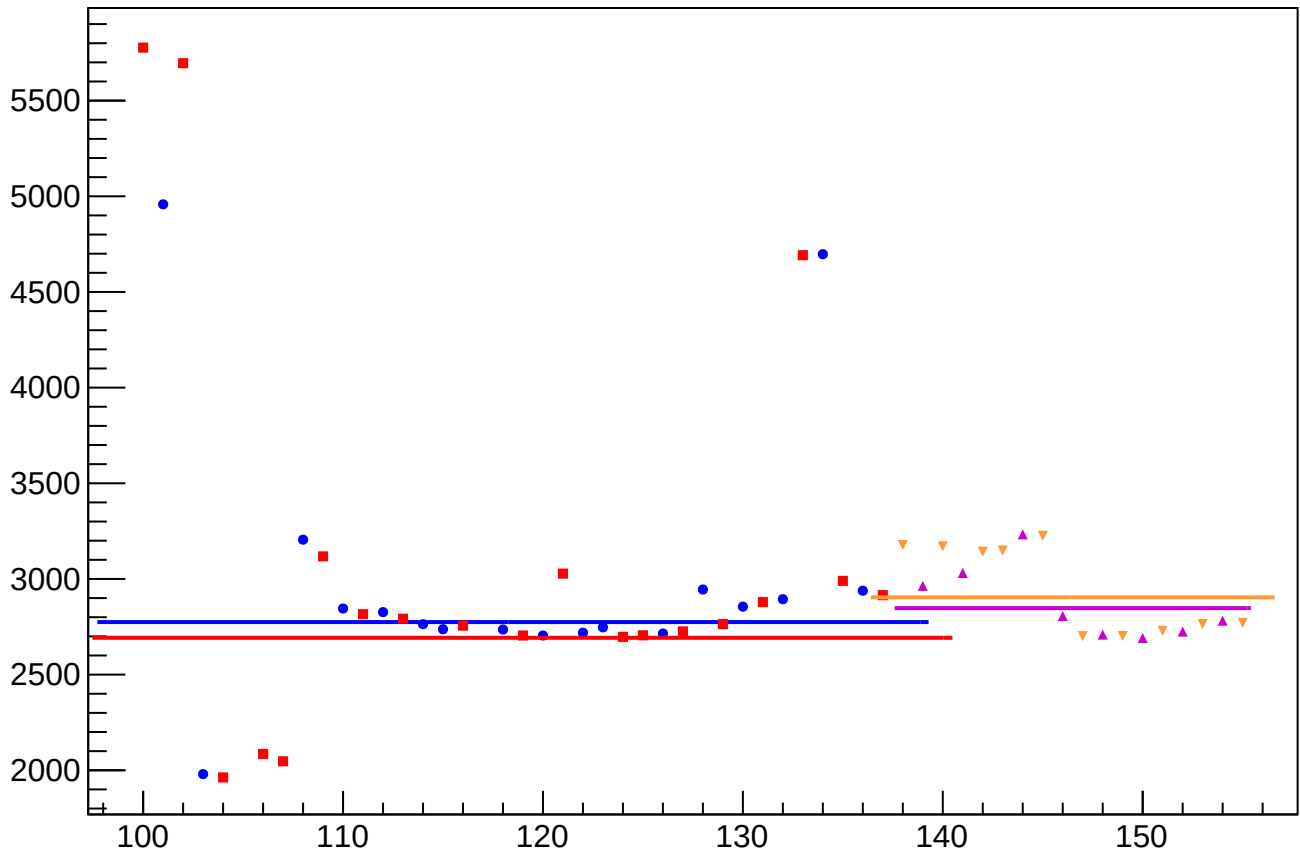
Left In: -2979.375 $\pm$ 1105.042 χ^2 /NDF:3.2/7

+ sign 2067.242 $\pm$ 765.543 χ^2 /NDF: 19.1/26

All: -293.042 $\pm$ 539.343 χ^2 /NDF: 59.8/53

- sign -2619.145 $\pm$ 759.980 χ^2 /NDF: 21.8/26

dit_asym_atr2_rms vs Slug



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

Left Out: 2903.655+/-0.759 χ^2/NDF : 82104.1/9

+ sign 2840.178+/-0.541 χ^2/NDF : 597986.4/26

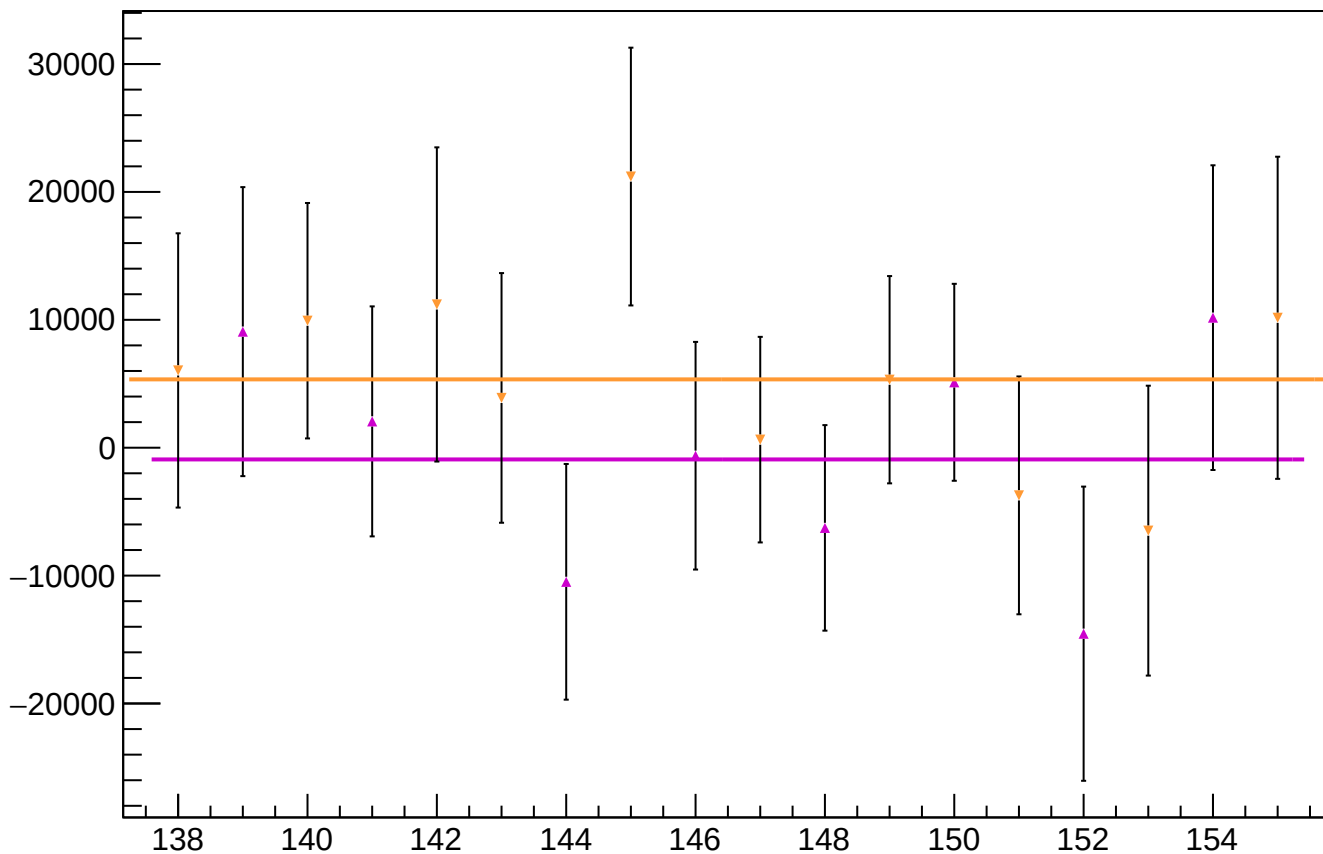
Right Out: 2692.509+/-0.740 χ^2/NDF : 780267.3/18

All: 2802.715+/-0.381 χ^2/NDF : 1456251.1/53

- sign 2765.807+/-0.537 χ^2/NDF : 848756.6/26

Left In: 2847.531+/-0.781 χ^2/NDF : 47739.6/7

asym_atr2_correction_mean vs Slug



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

Left Out: 5343.150+/-3103.401 χ^2/NDF :5.5/9

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

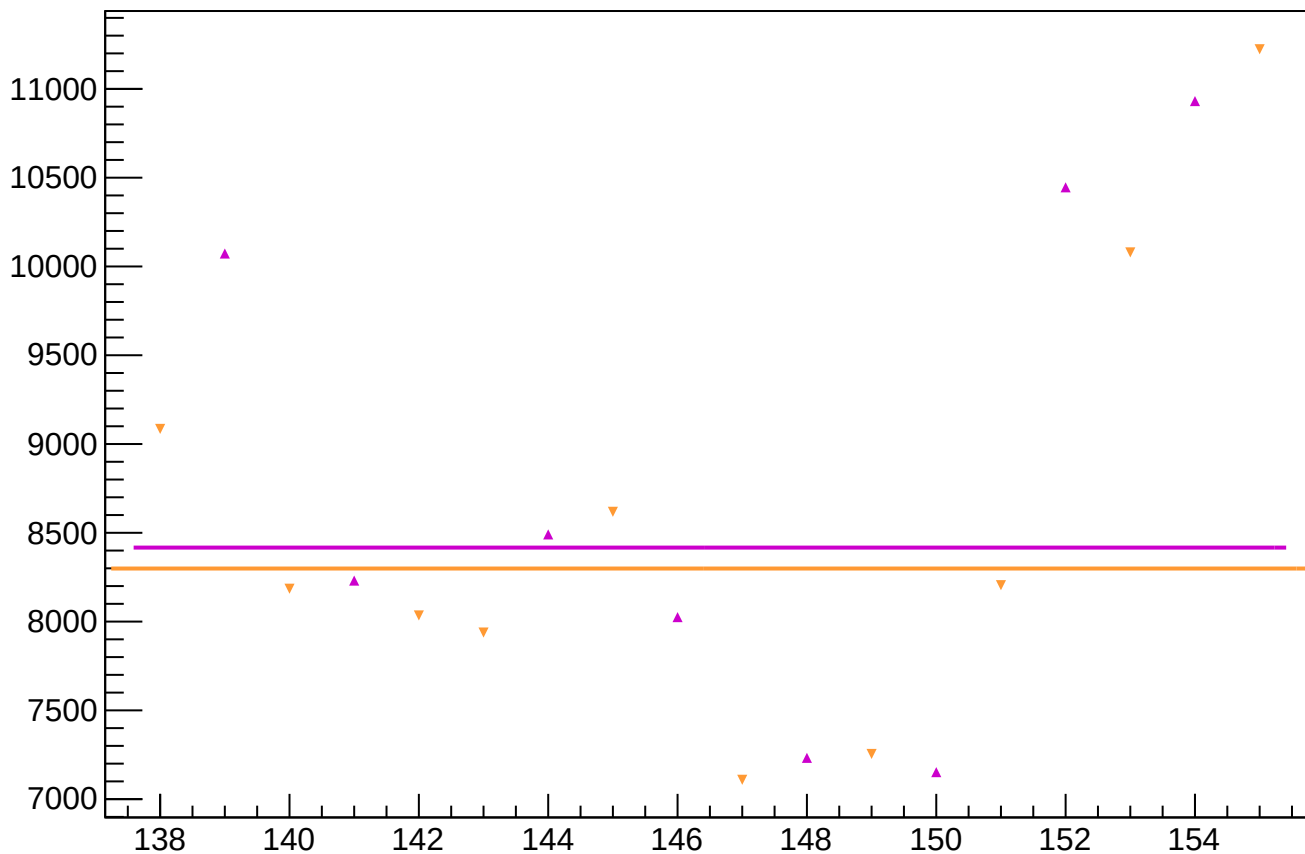
Left In: -916.434+/-3304.843 χ^2/NDF :5.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.933+/-2262.300 χ^2/NDF : 12.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_correction_rms vs Slug



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

Left Out: 8298.803+/-2.194 χ^2/NDF : 251162.3/9

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

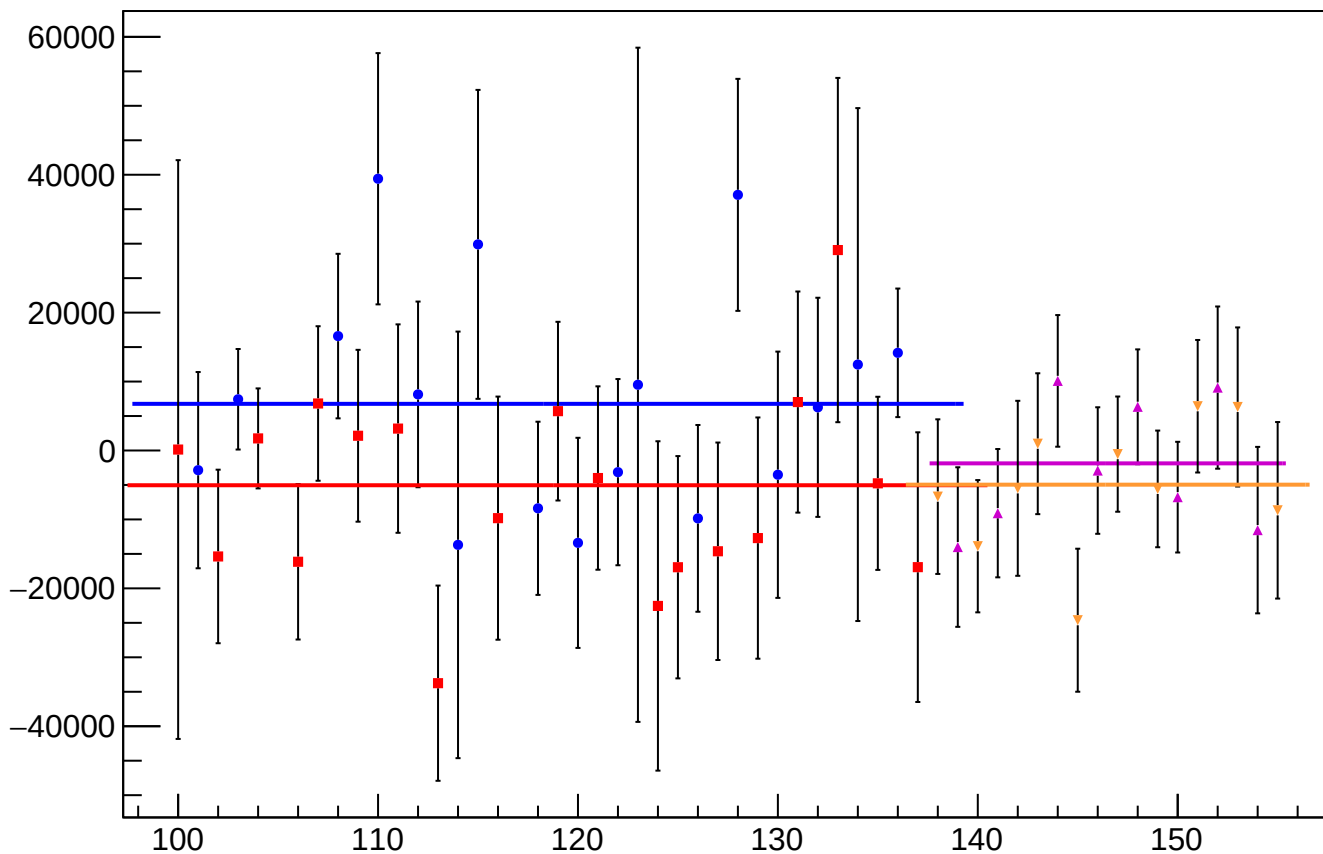
Left In: 8416.709+/-2.337 χ^2/NDF : 296553.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8354.053+/-1.600 χ^2/NDF : 549068.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



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

Left Out: -4957.613 $\pm$ 3217.204 χ^2 /NDF: 7.5/9

Right Out: -5041.440 $\pm$ 3167.616 χ^2 /NDF: 13.6/18

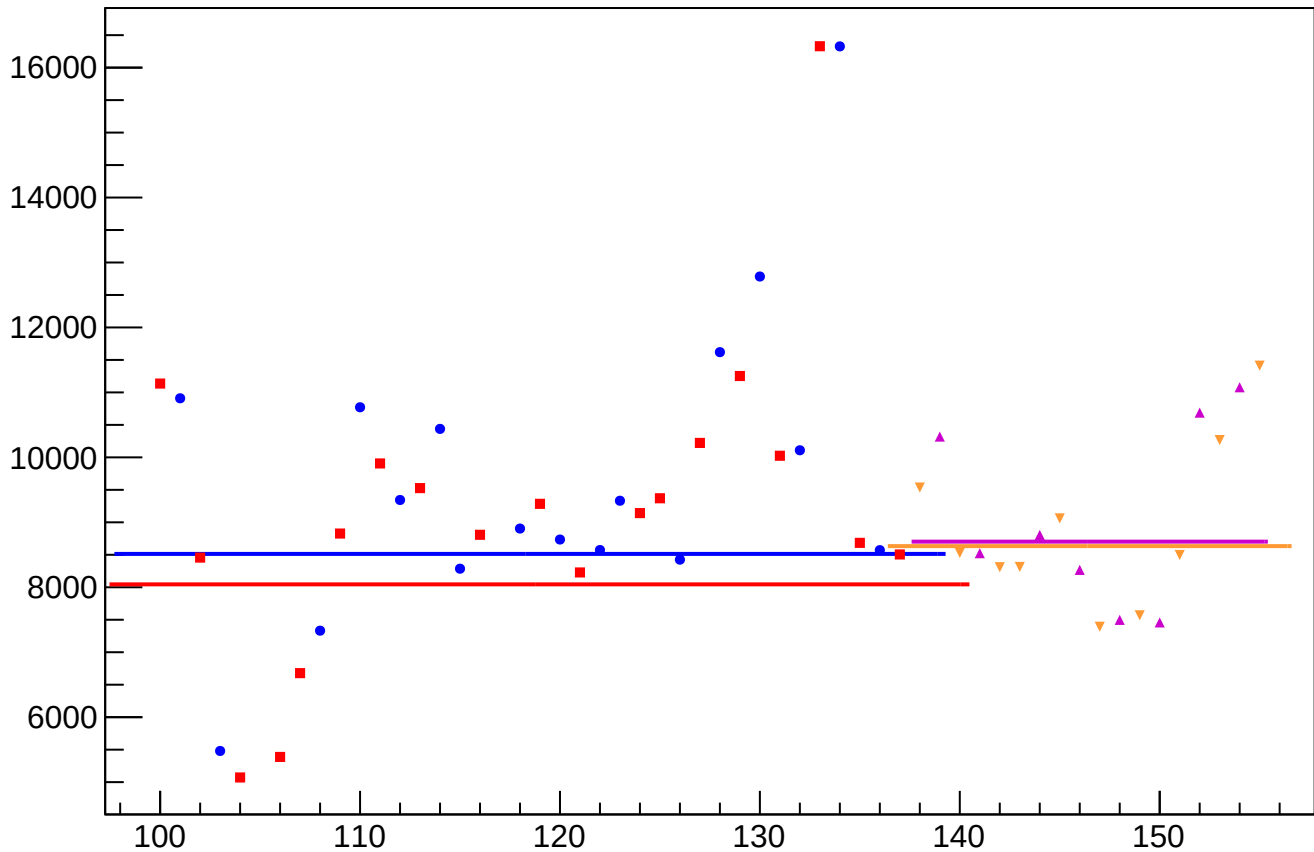
Left In: -1867.197 $\pm$ 3412.750 χ^2 /NDF: 6.1/7

+ sign 603.399 $\pm$ 2332.670 χ^2 /NDF: 29.2/26

All: -1494.369 $\pm$ 1645.544 χ^2 /NDF: 51.0/53

- sign -3572.402 $\pm$ 2321.672 χ^2 /NDF: 20.2/26

asym_atr2_rms vs Slug



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

Left Out: 8633.460+/-2.275 χ^2/NDF : 230277.6/9

Right Out: 8044.739+/-2.240 χ^2/NDF : 952310.5/18

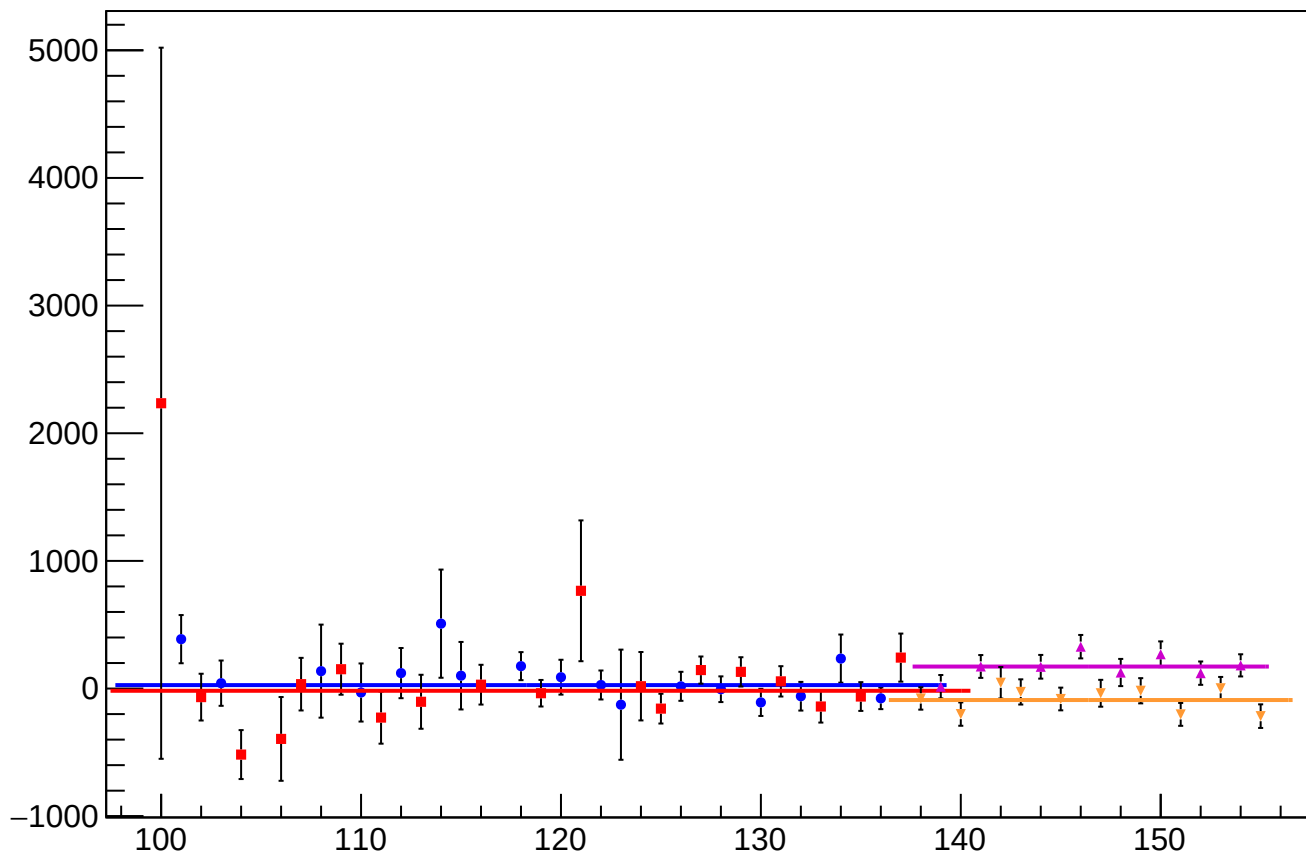
Left In: 8702.431+/-2.413 χ^2/NDF : 268794.4/7

+ sign 8576.643+/-1.649 χ^2/NDF : 994207.3/26

All: 8462.335+/-1.164 χ^2/NDF : 2264776.2/53

- sign 8349.107+/-1.642 χ^2/NDF : 1261009.0/26

dit_asym_sam1_mean vs Slug



Right In: 26.932+/-34.029 χ^2/NDF : 12.6/16

Left Out: -89.891+/-30.068 χ^2/NDF : 8.4/9

Right Out: -17.368+/-35.548 χ^2/NDF : 21.9/18

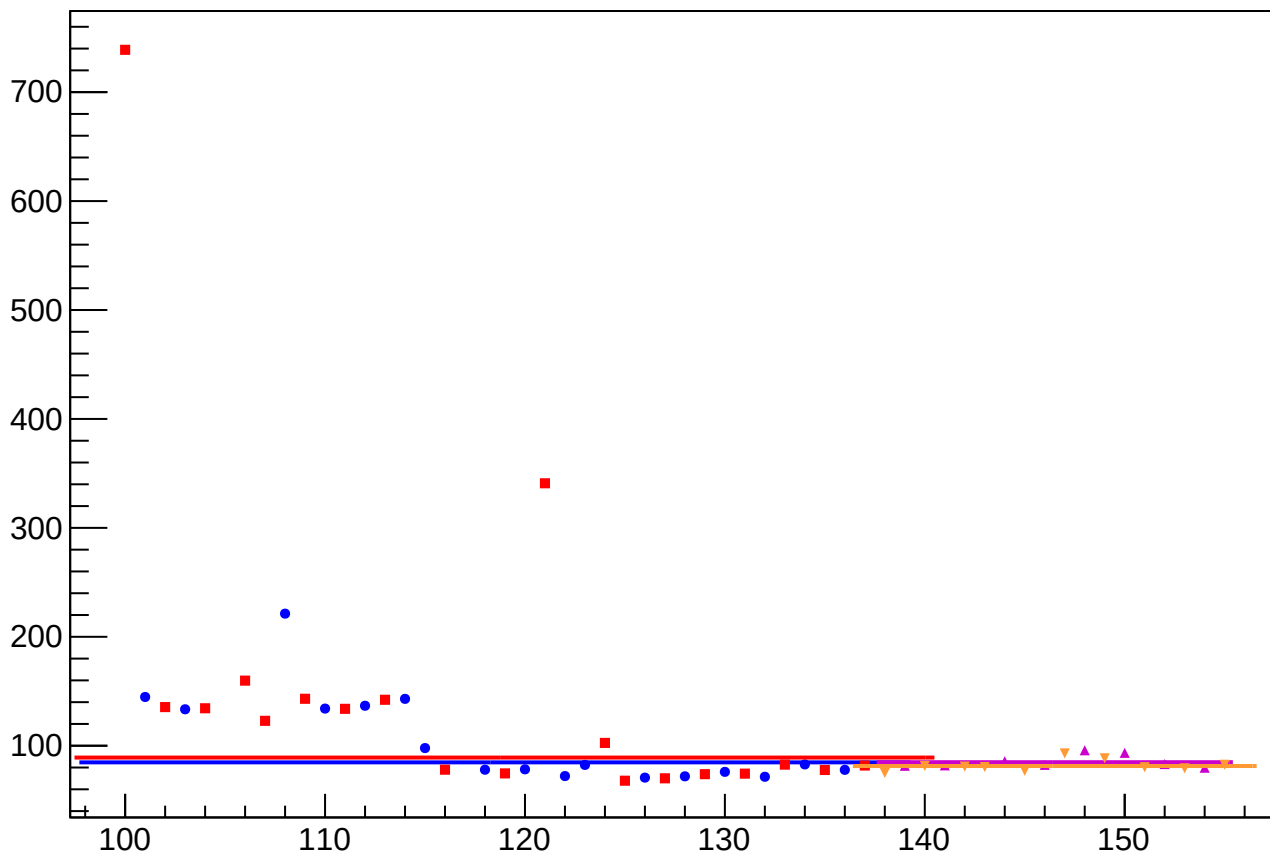
Left In: 172.350+/-32.995 χ^2/NDF : 7.3/7

+ sign -38.672+/-22.532 χ^2/NDF : 27.6/26

All: 18.588+/-16.485 χ^2/NDF : 86.0/53

- sign 84.547+/-24.183 χ^2/NDF : 44.5/26

dit_asym_sam1_rms vs Slug



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

Left Out: 81.386 $\pm$ 0.021 χ^2 /NDF: 51795.4/9

Right Out: 89.143 $\pm$ 0.025 χ^2 /NDF: 1559269.8/18

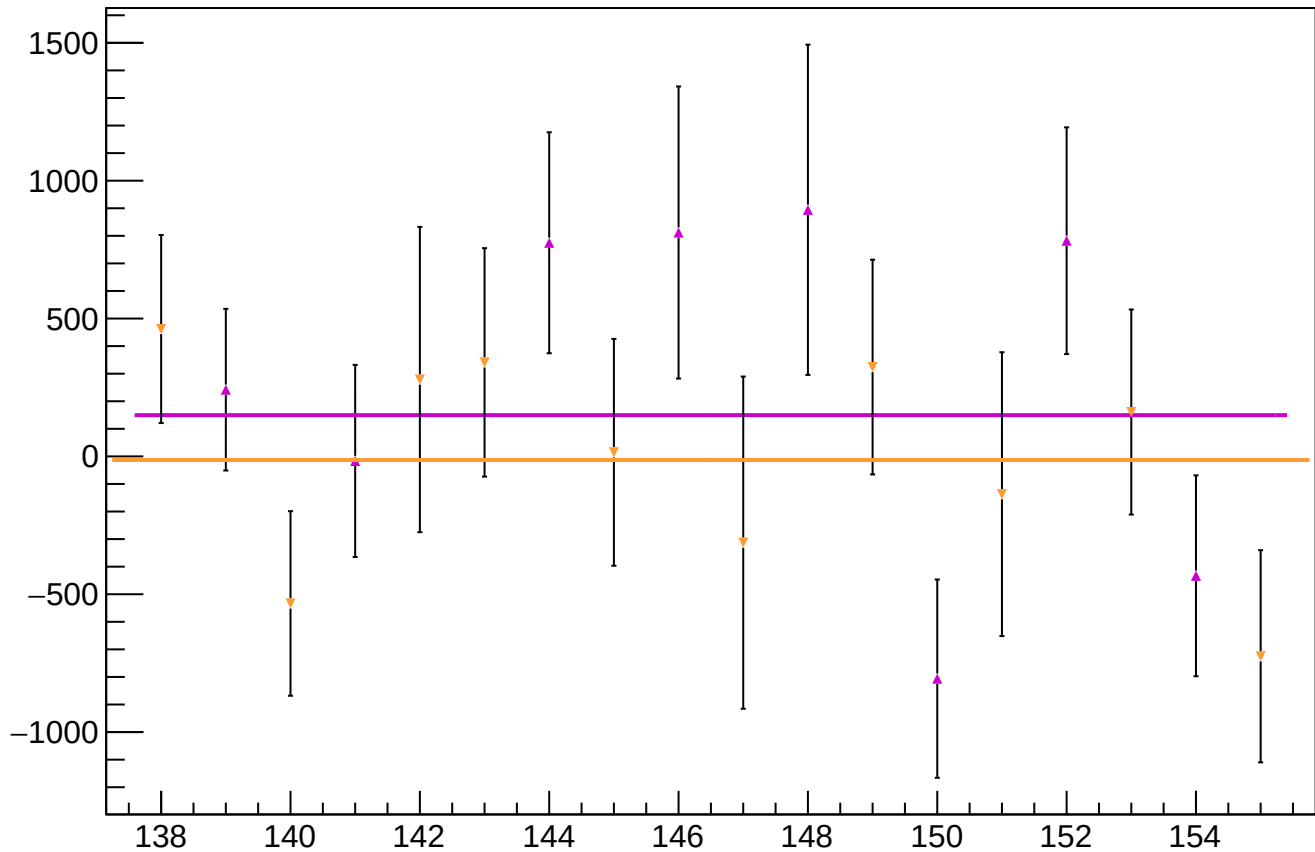
Left In: 84.889 $\pm$ 0.023 χ^2 /NDF: 49599.2/7

+ sign 82.855 $\pm$ 0.016 χ^2 /NDF: 1127107.1/26

All: 84.715 $\pm$ 0.012 χ^2 /NDF: 2780691.0/53

- sign 86.858 $\pm$ 0.017 χ^2 /NDF: 1624256.2/26

asym_sam1_correction_mean vs Slug



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

Left Out: -13.101+/-129.503 χ^2/NDF :10.1/9

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

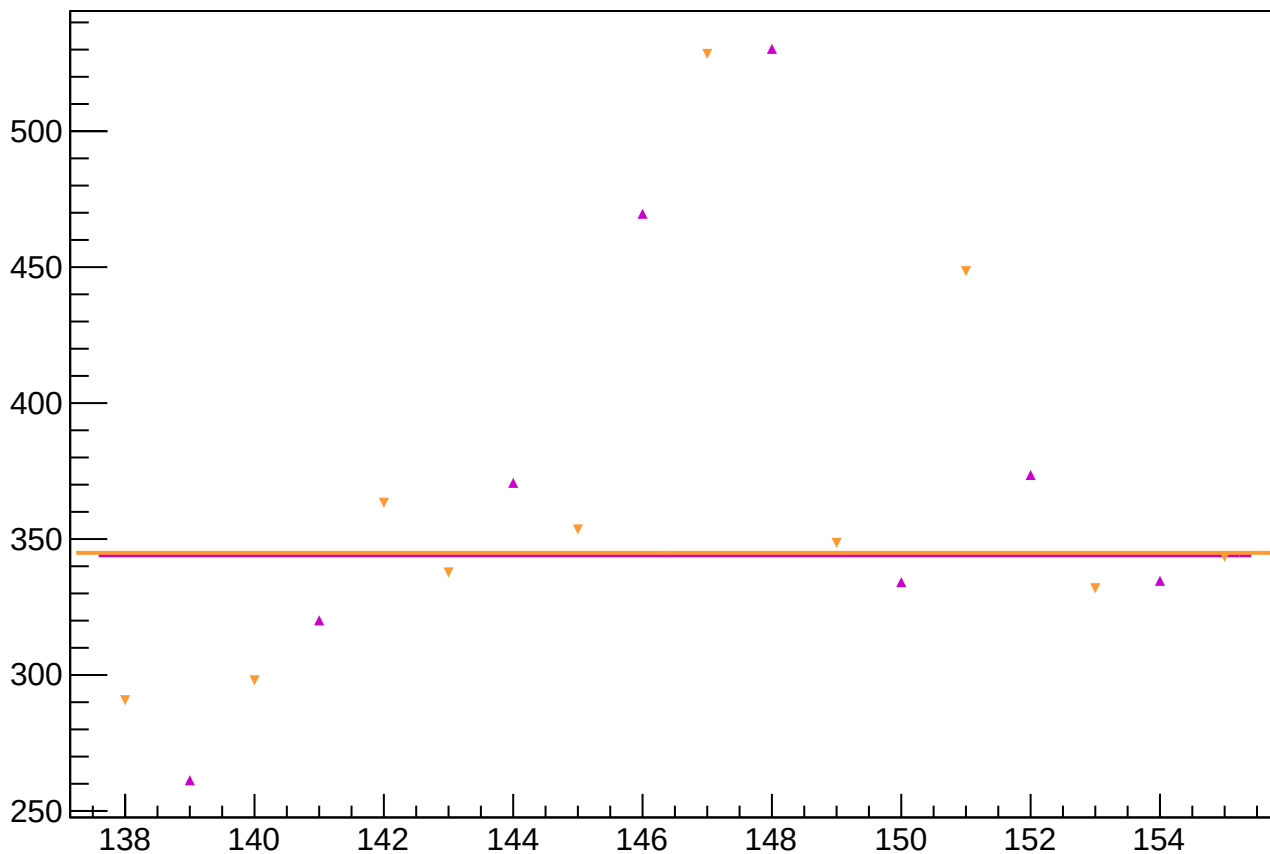
Left In: 149.604+/-136.555 χ^2/NDF :17.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.942+/-93.967 χ^2/NDF : 28.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_correction_rms vs Slug



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

Left Out: 344.938+/-0.092 χ^2/NDF :362576.9/9

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

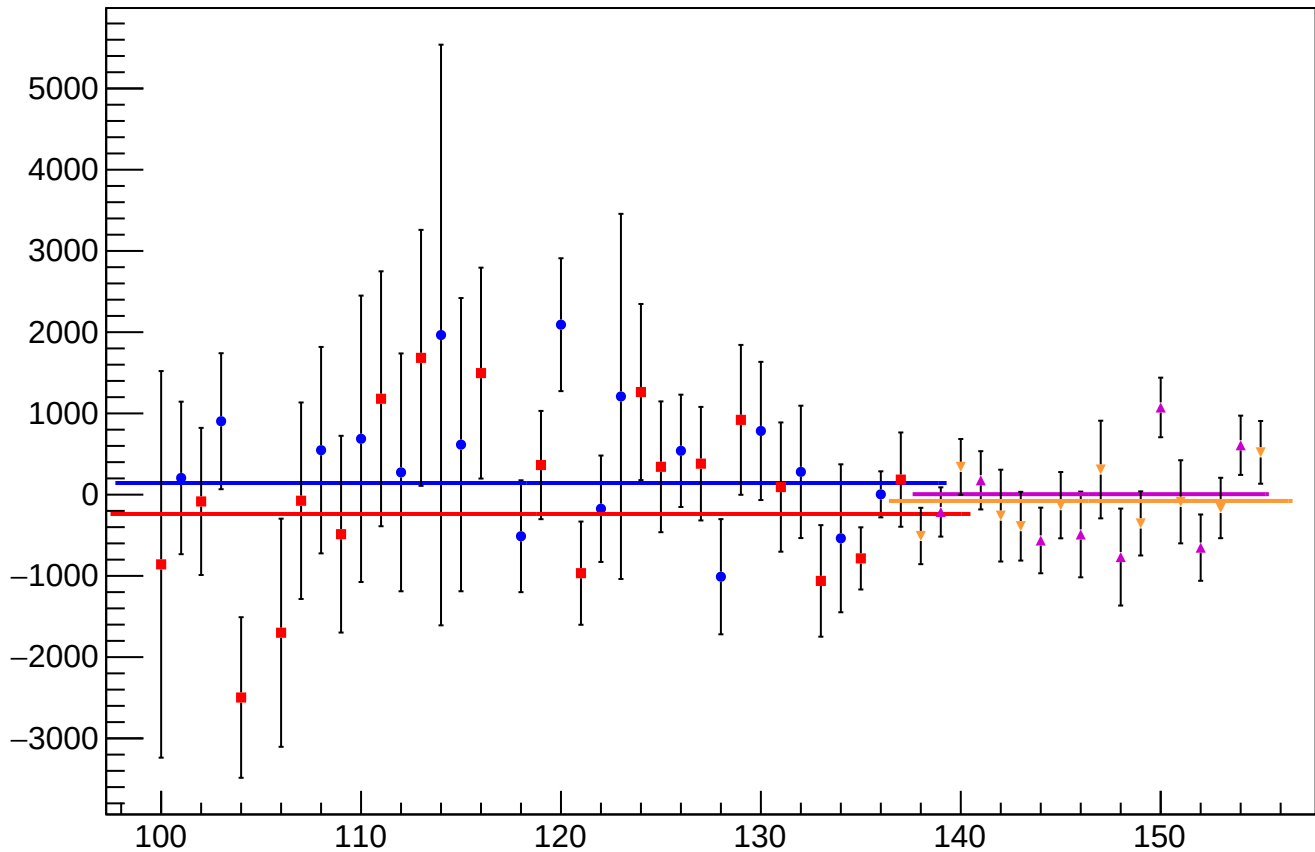
Left In: 344.046+/-0.097 χ^2/NDF :496573.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.515+/-0.066 χ^2/NDF : 859194.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



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

Left Out: -77.490 $\pm$ 130.766 χ^2 /NDF: 7.1/9

Right Out: -237.821 $\pm$ 183.995 χ^2 /NDF: 21.7/18

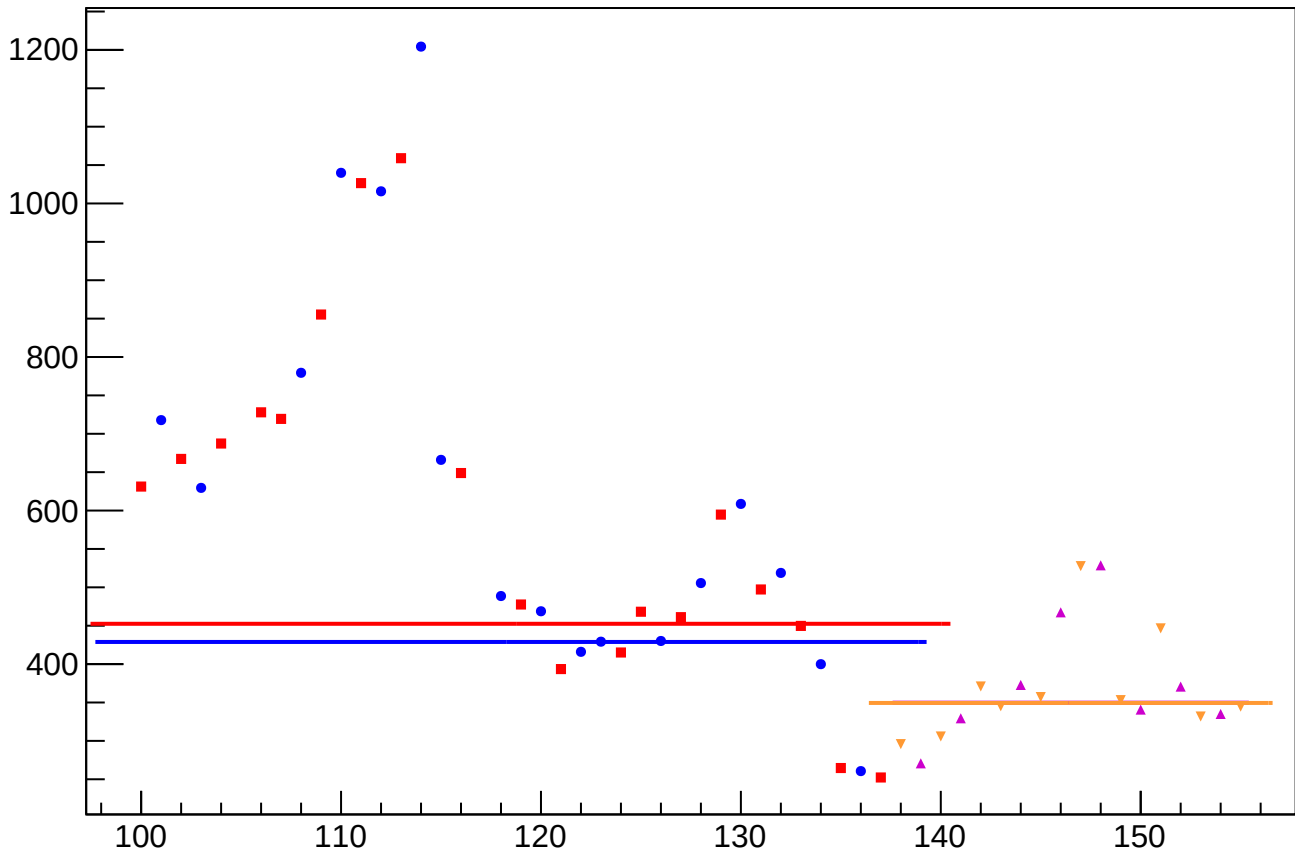
Left In: 6.029 $\pm$ 138.519 χ^2 /NDF: 19.1/7

+ sign -0.729 $\pm$ 105.639 χ^2 /NDF: 20.8/26

All: -39.565 $\pm$ 76.413 χ^2 /NDF: 63.0/53

- sign -82.183 $\pm$ 110.664 χ^2 /NDF: 41.9/26

asym_sam1_rms vs Slug



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

Left Out: 349.416+/-0.092 χ^2/NDF :336913.6/9

Right Out: 452.517+/-0.130 χ^2/NDF : 2039238.5/18

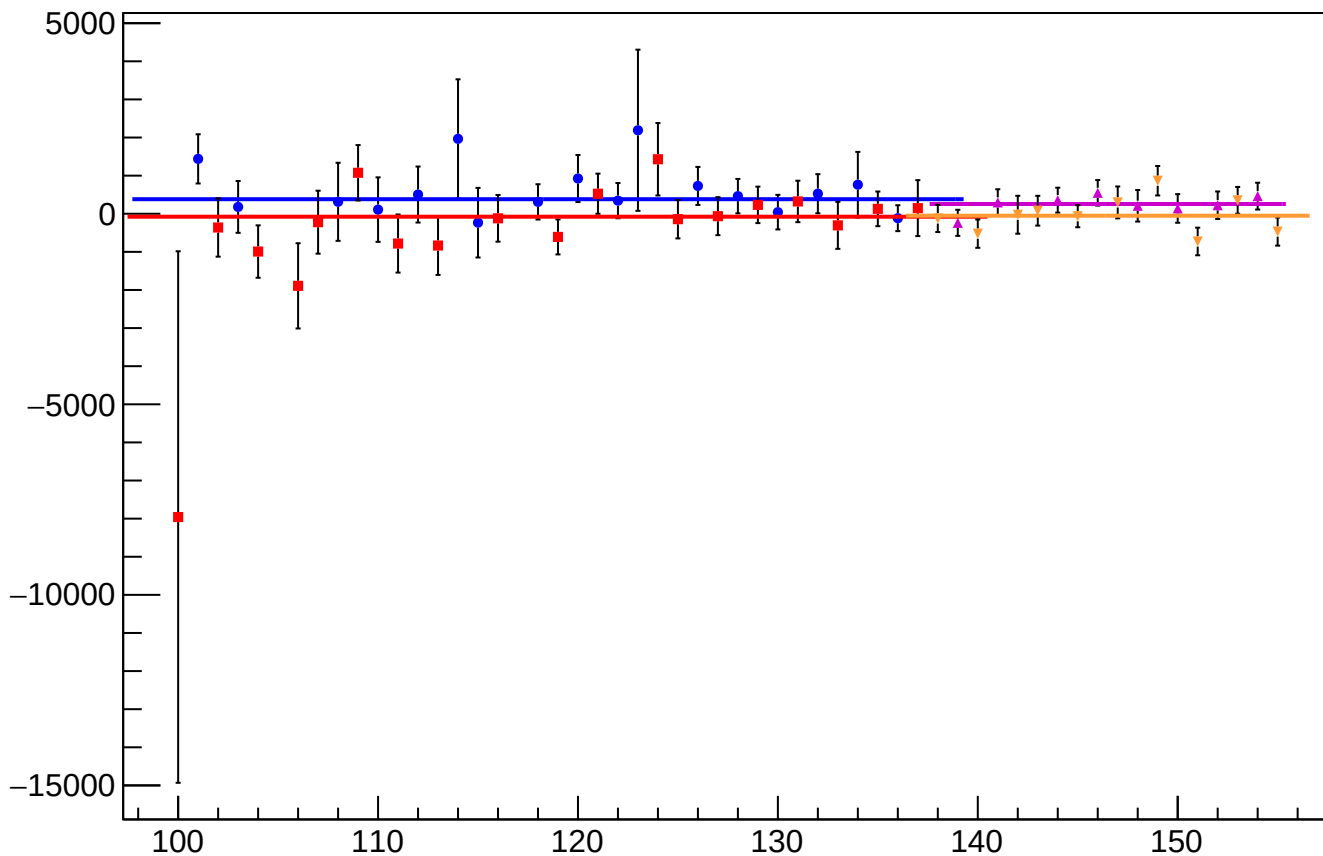
Left In: 349.756+/-0.098 χ^2/NDF :437524.3/7

+ sign 377.012+/-0.075 χ^2/NDF : 2605639.5/26

All: 381.740+/-0.054 χ^2/NDF : 5488978.3/53

- sign 386.930+/-0.078 χ^2/NDF : 2874933.6/26

dit_asym_sam2_mean vs Slug



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

Left Out: -51.178+/-116.984 χ^2/NDF :14.2/9

Right Out: -77.490+/-143.469 χ^2/NDF : 16.8/18

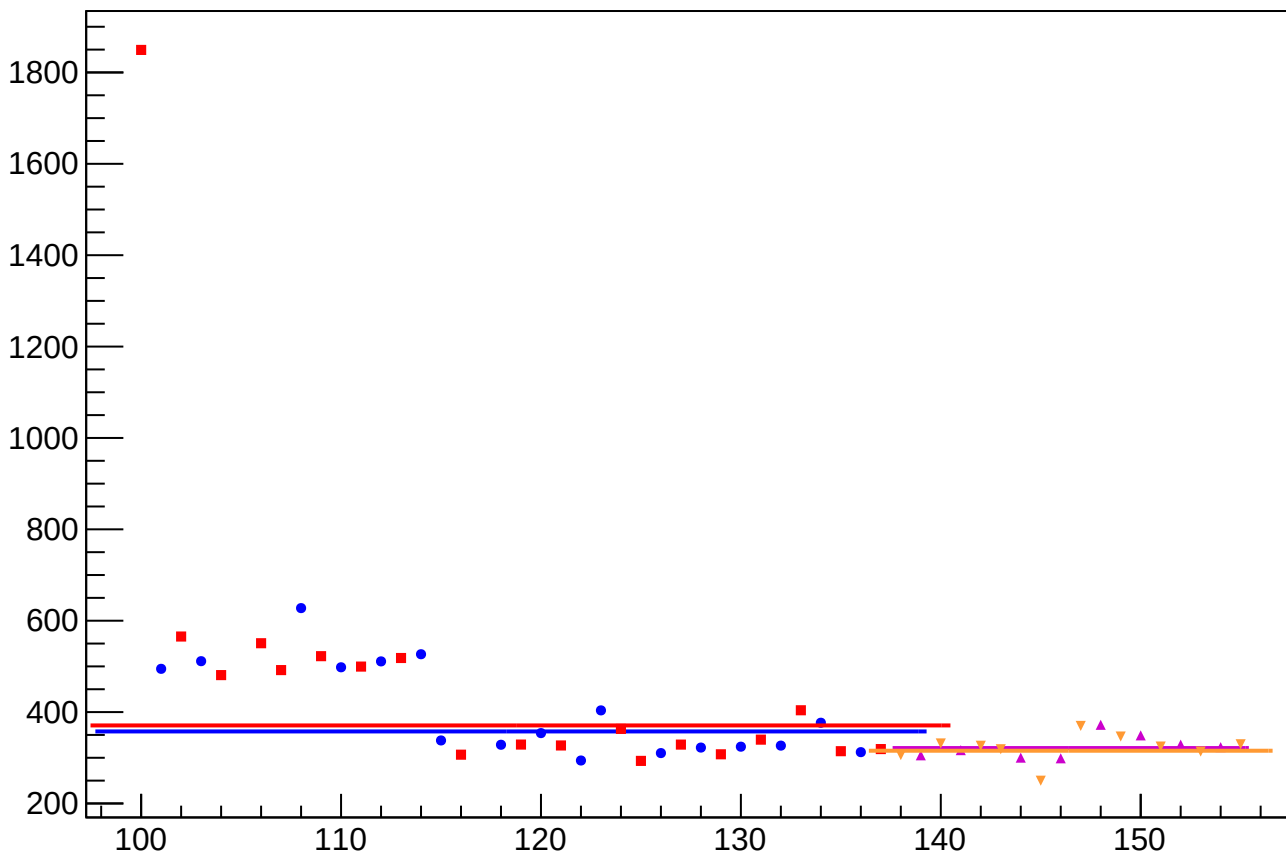
Left In: 255.849+/-125.106 χ^2/NDF :3.4/7

+ sign 125.104+/-90.082 χ^2/NDF : 29.2/26

All: 118.786+/-65.135 χ^2/NDF : 52.4/53

- sign 111.864+/-94.292 χ^2/NDF : 23.3/26

dit_asym_sam2_rms vs Slug



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

Left Out: 315.427 $\pm$ 0.083 χ^2 /NDF: 159802.2/9

Right Out: 370.794 $\pm$ 0.101 χ^2 /NDF: 784786.3/18

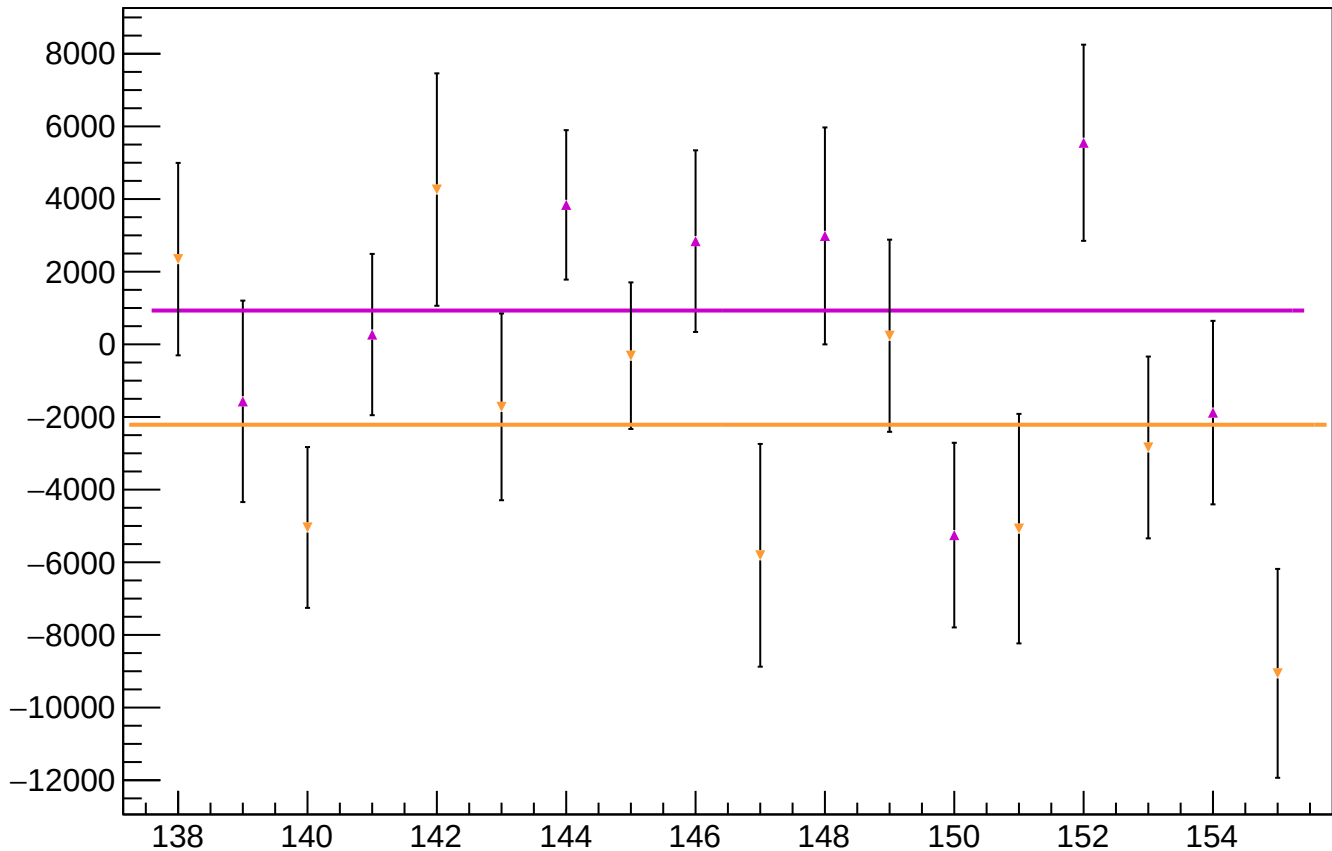
Left In: 321.258 $\pm$ 0.088 χ^2 /NDF: 63990.4/7

+ sign 332.620 $\pm$ 0.064 χ^2 /NDF: 895599.4/26

All: 337.408 $\pm$ 0.046 χ^2 /NDF: 1891659.2/53

- sign 342.655 $\pm$ 0.067 χ^2 /NDF: 984216.0/26

asym_sam2_correction_mean vs Slug



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

Left Out: -2213.389+/-824.460 χ^2/NDF : 18.4/9

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

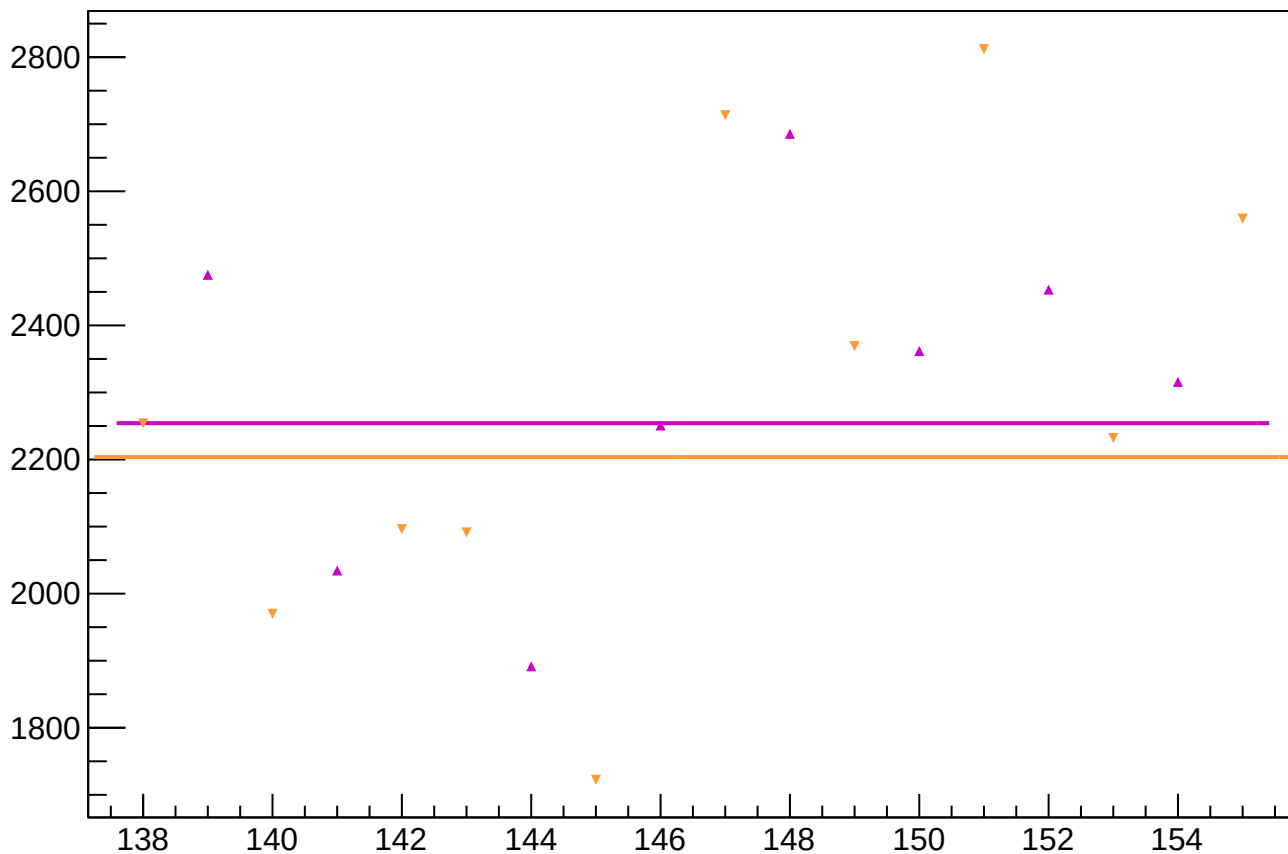
Left In: 930.673+/-880.460 χ^2/NDF : 14.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -744.515+/-601.805 χ^2/NDF : 39.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_correction_rms vs Slug



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

Left Out: 2203.711+/-0.583 χ^2/NDF : 310964.5/9

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

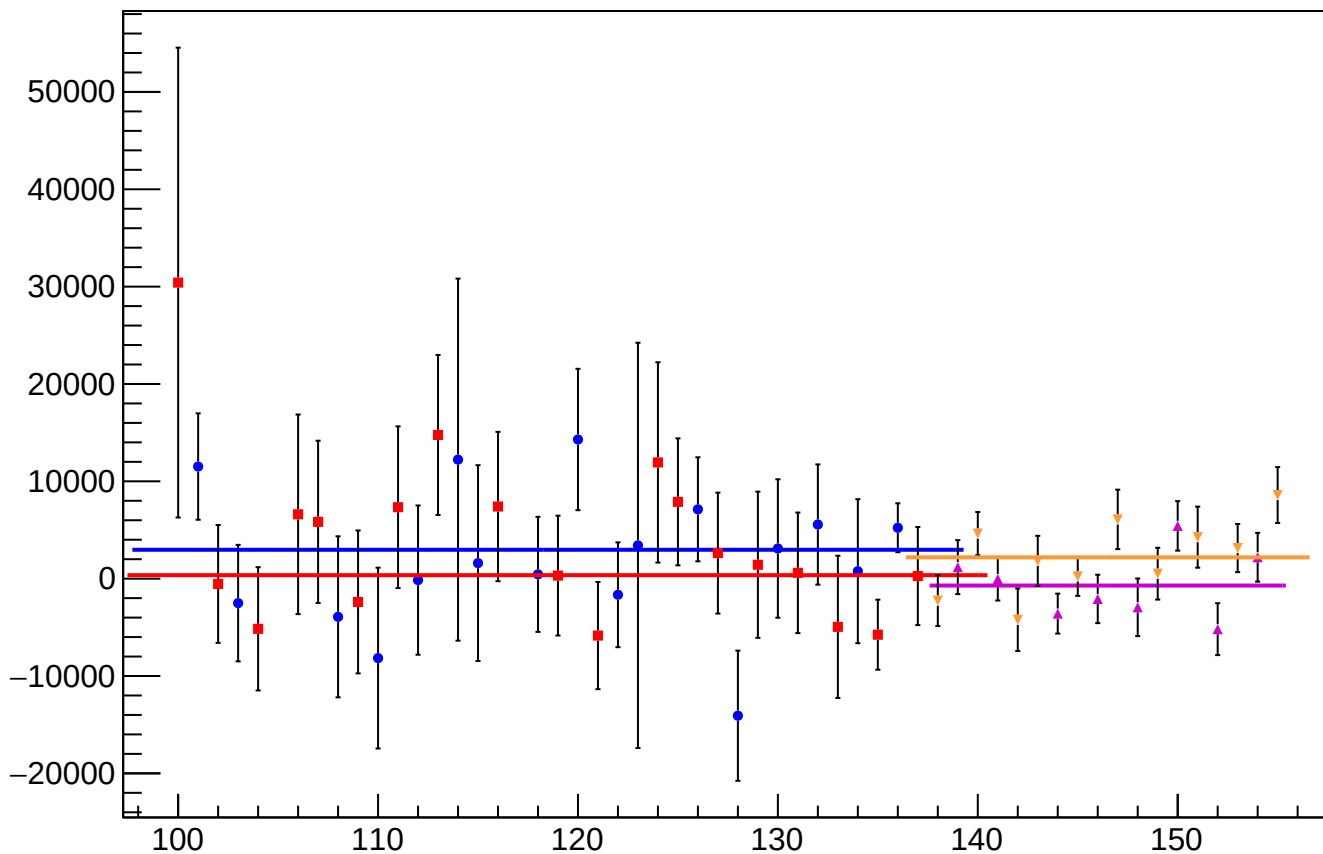
Left In: 2254.228+/-0.623 χ^2/NDF : 151837.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2227.312+/-0.426 χ^2/NDF : 466310.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



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

Left Out: 2189.849 $\pm$ 821.214 χ^2 /NDF: 16.7/9

Right Out: 358.685 $\pm$ 1507.064 χ^2 /NDF: 15.3/18

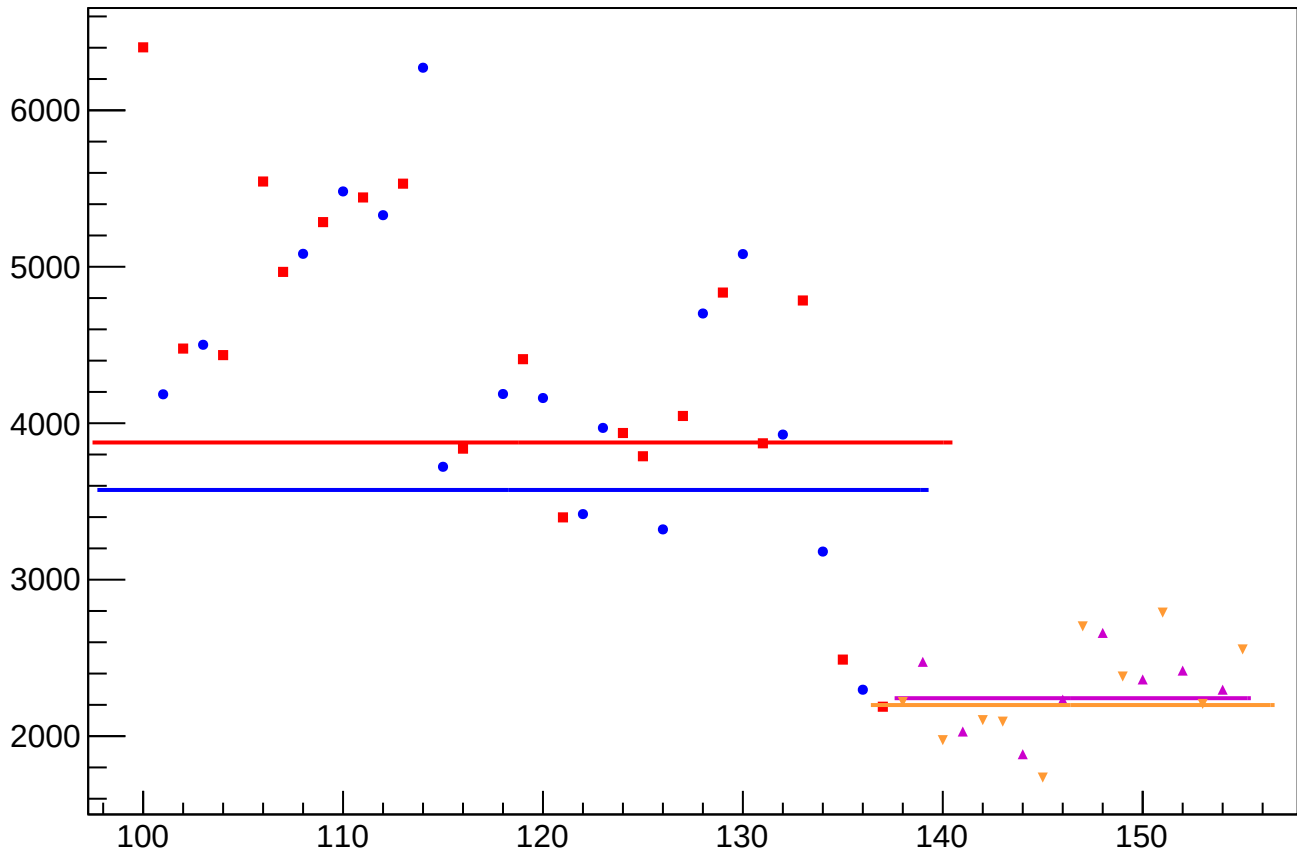
Left In: -706.829 $\pm$ 876.243 χ^2 /NDF: 13.4/7

+ sign 2380.996 $\pm$ 713.423 χ^2 /NDF: 34.3/26

All: 1056.084 $\pm$ 519.353 χ^2 /NDF: 70.7/53

- sign -437.631 $\pm$ 757.509 χ^2 /NDF: 29.1/26

asym_sam2_rms vs Slug



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

Left Out: 2198.777 $\pm$ 0.581 χ^2 /NDF: 298706.7/9

Right Out: 3876.914 $\pm$ 1.066 χ^2 /NDF: 988409.8/18

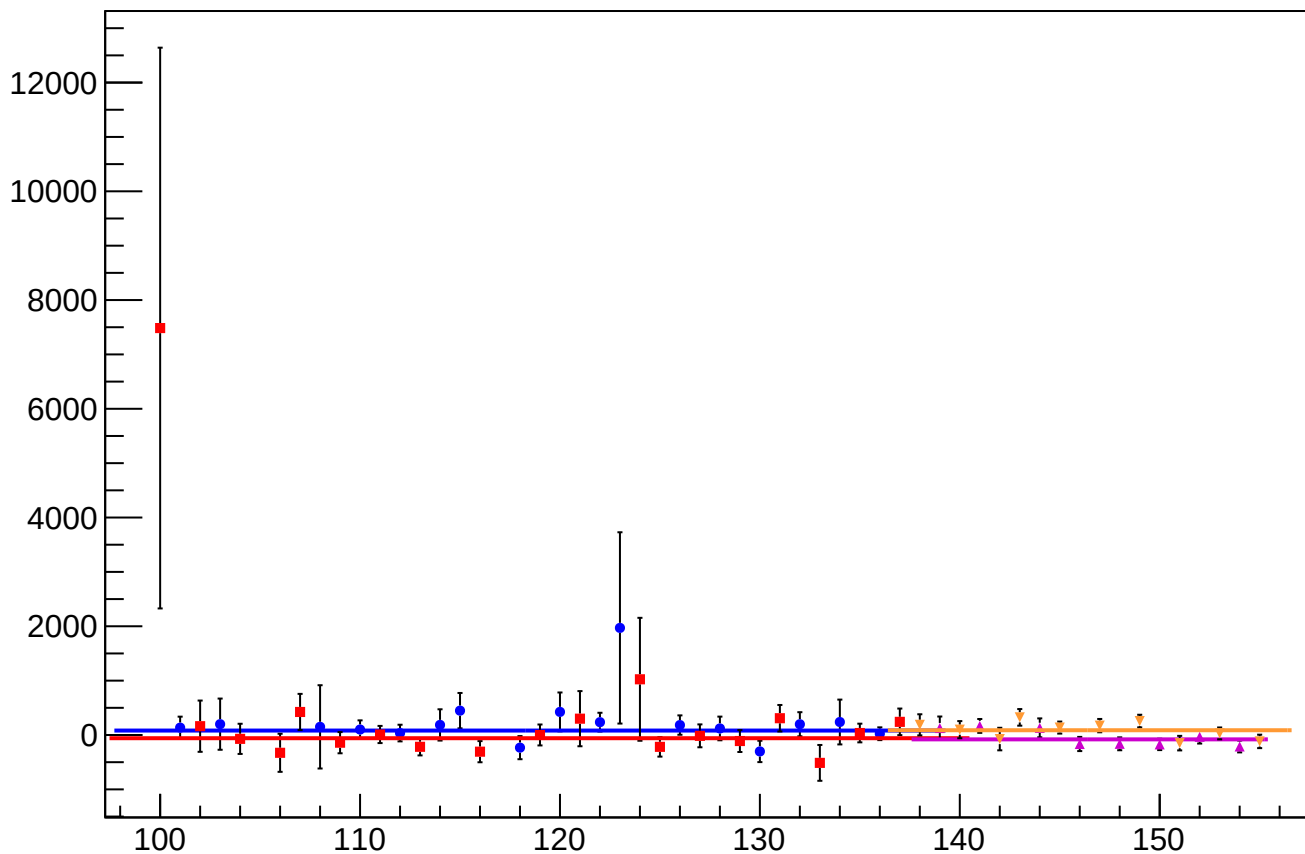
Left In: 2242.585 $\pm$ 0.620 χ^2 /NDF: 147488.4/7

+ sign 2535.972 $\pm$ 0.504 χ^2 /NDF: 2762122.4/26

All: 2592.153 $\pm$ 0.367 χ^2 /NDF: 5682215.8/53

- sign 2655.491 $\pm$ 0.536 χ^2 /NDF: 2893708.1/26

dit_asym_sam3_mean vs Slug



Right In: 81.851 ± 51.907 $\chi^2/\text{NDF}: 11.5/16$

Left Out: 87.741 ± 42.219 $\chi^2/\text{NDF}: 12.3/9$

Right Out: -59.008 ± 53.165 $\chi^2/\text{NDF}: 16.4/18$

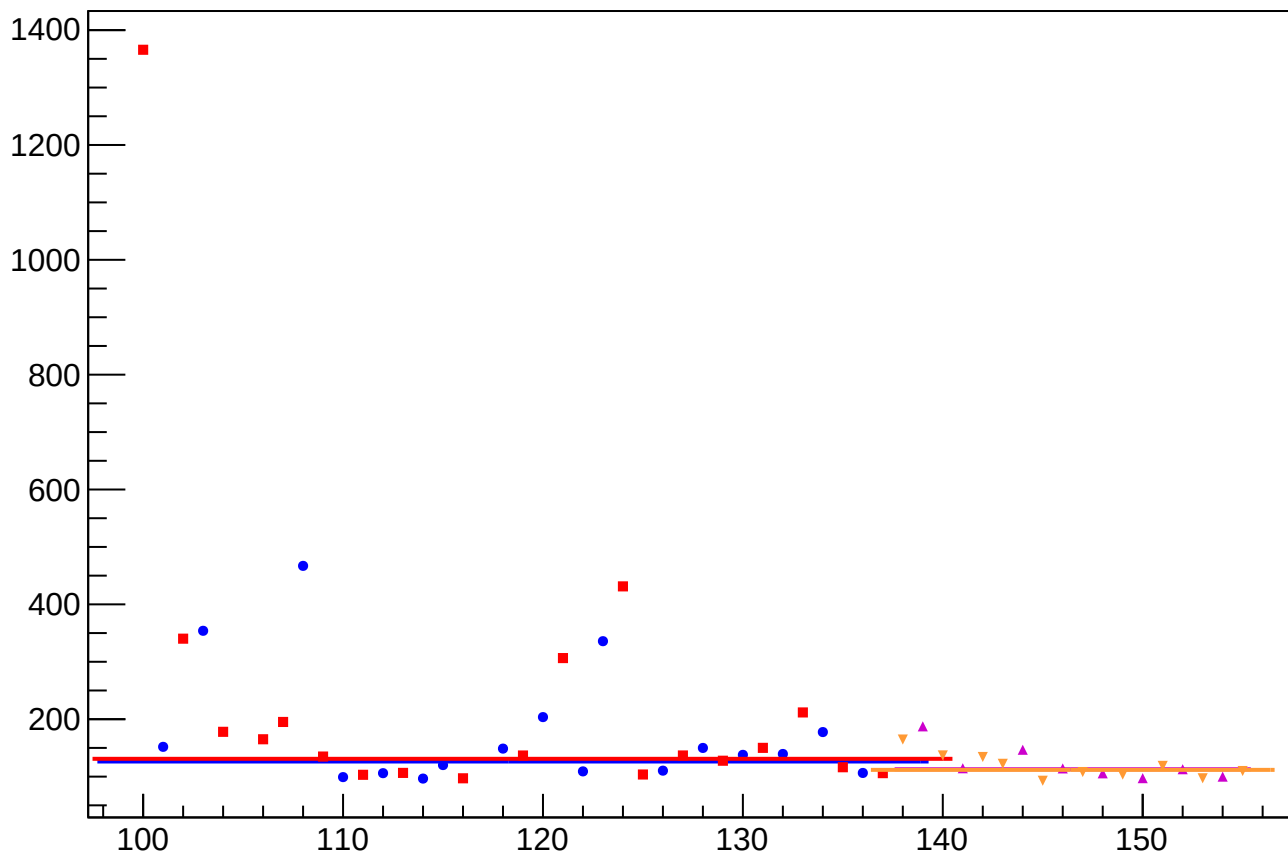
Left In: -80.240 ± 45.378 $\chi^2/\text{NDF}: 9.5/7$

+ sign 85.395 ± 32.753 $\chi^2/\text{NDF}: 23.8/26$

All: 11.153 ± 23.758 $\chi^2/\text{NDF}: 60.6/53$

- sign -71.292 ± 34.515 $\chi^2/\text{NDF}: 26.0/26$

dit_asym_sam3_rms vs Slug



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

Left Out: 111.765 $\pm$ 0.030 χ^2 /NDF:344809.2/9

Right Out: 131.007 $\pm$ 0.038 χ^2 /NDF: 1429260.8/18

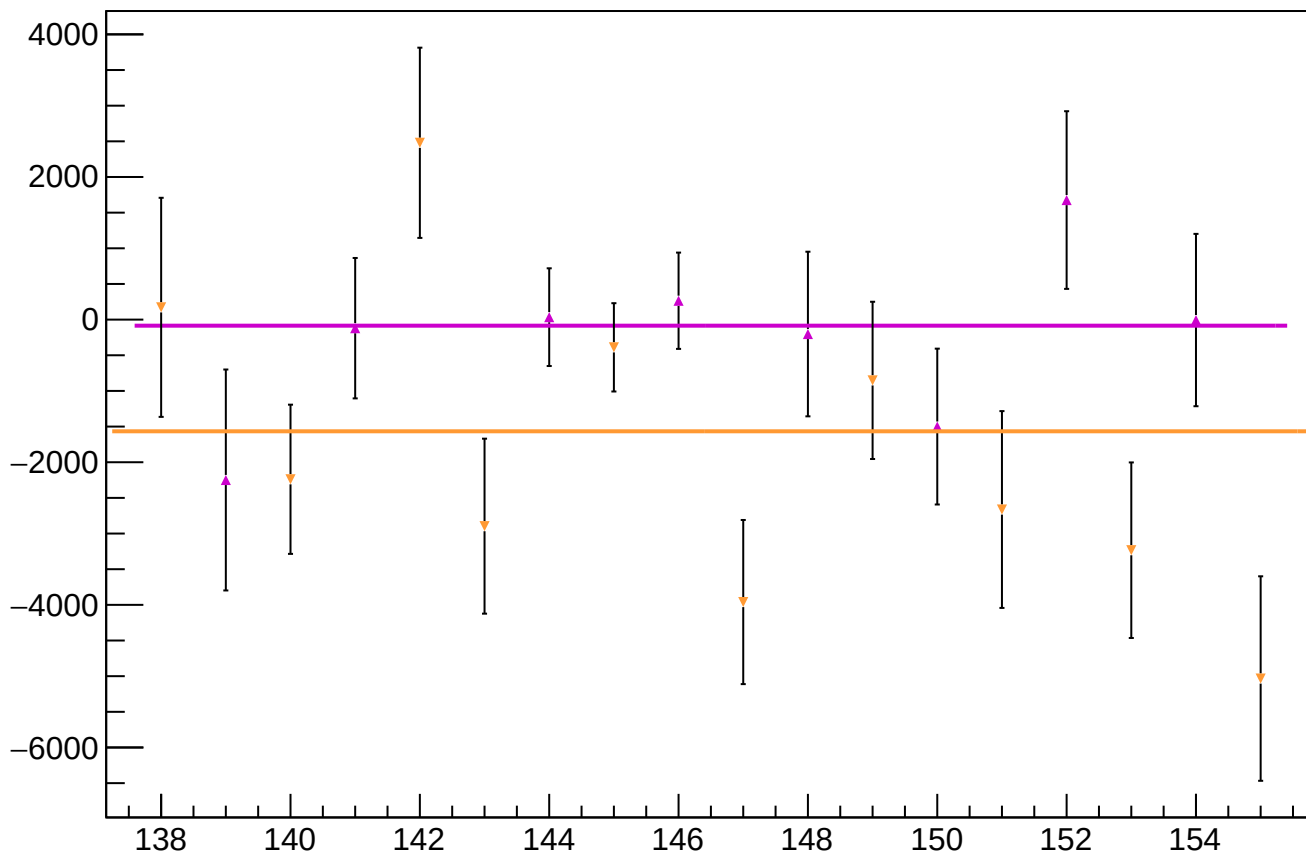
Left In: 112.867 $\pm$ 0.032 χ^2 /NDF:405400.8/7

+ sign 117.568 $\pm$ 0.023 χ^2 /NDF: 1750292.6/26

All: 118.963 $\pm$ 0.017 χ^2 /NDF: 3727323.7/53

- sign 120.512 $\pm$ 0.024 χ^2 /NDF: 1969371.6/26

asym_sam3_correction_mean vs Slug



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

Left Out: -1566.145+/-344.582 χ^2/NDF : 28.7/9

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

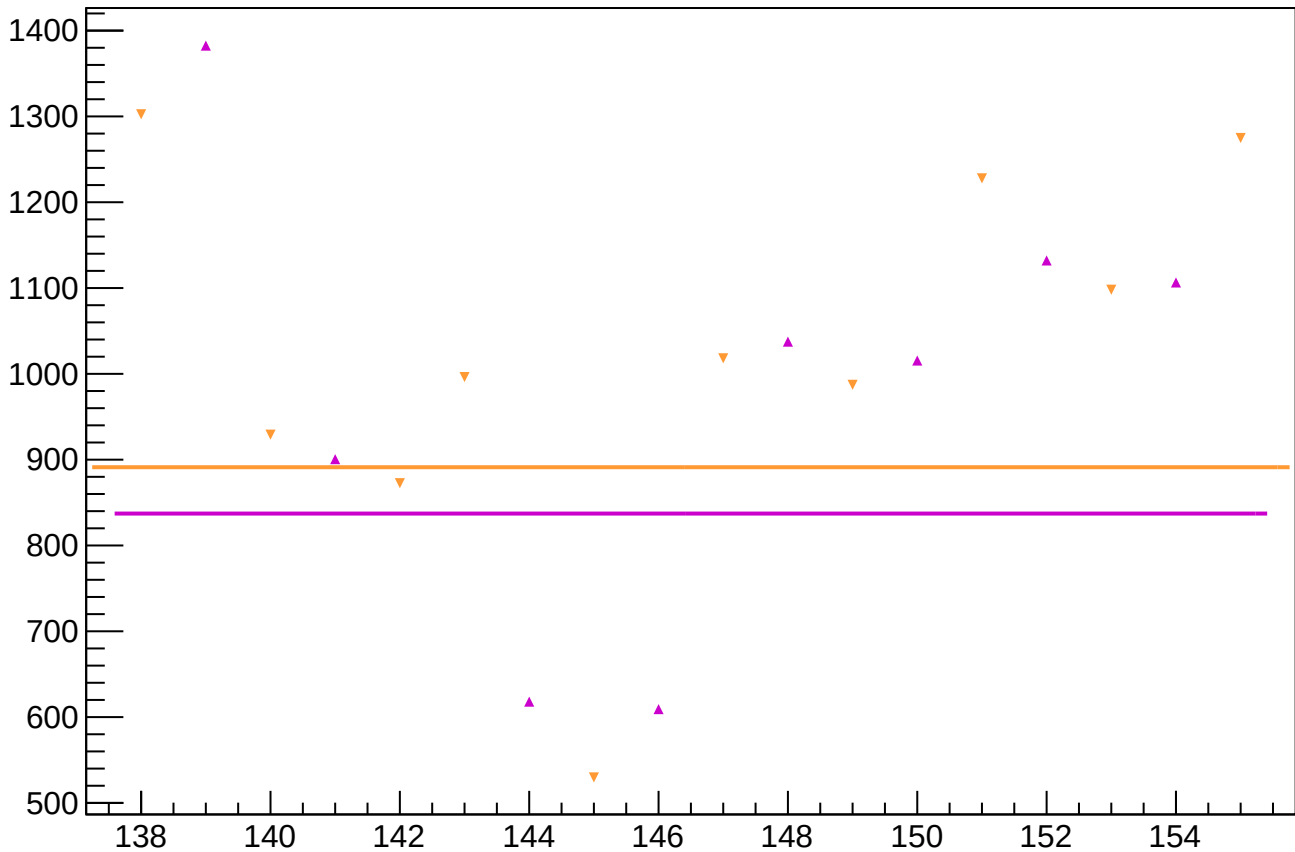
Left In: -85.060+/-339.229 χ^2/NDF : 5.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -814.008+/-241.741 χ^2/NDF : 44.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_correction_rms vs Slug



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

Left Out: 891.194+/-0.244 χ^2/NDF : 1201157.4/9

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

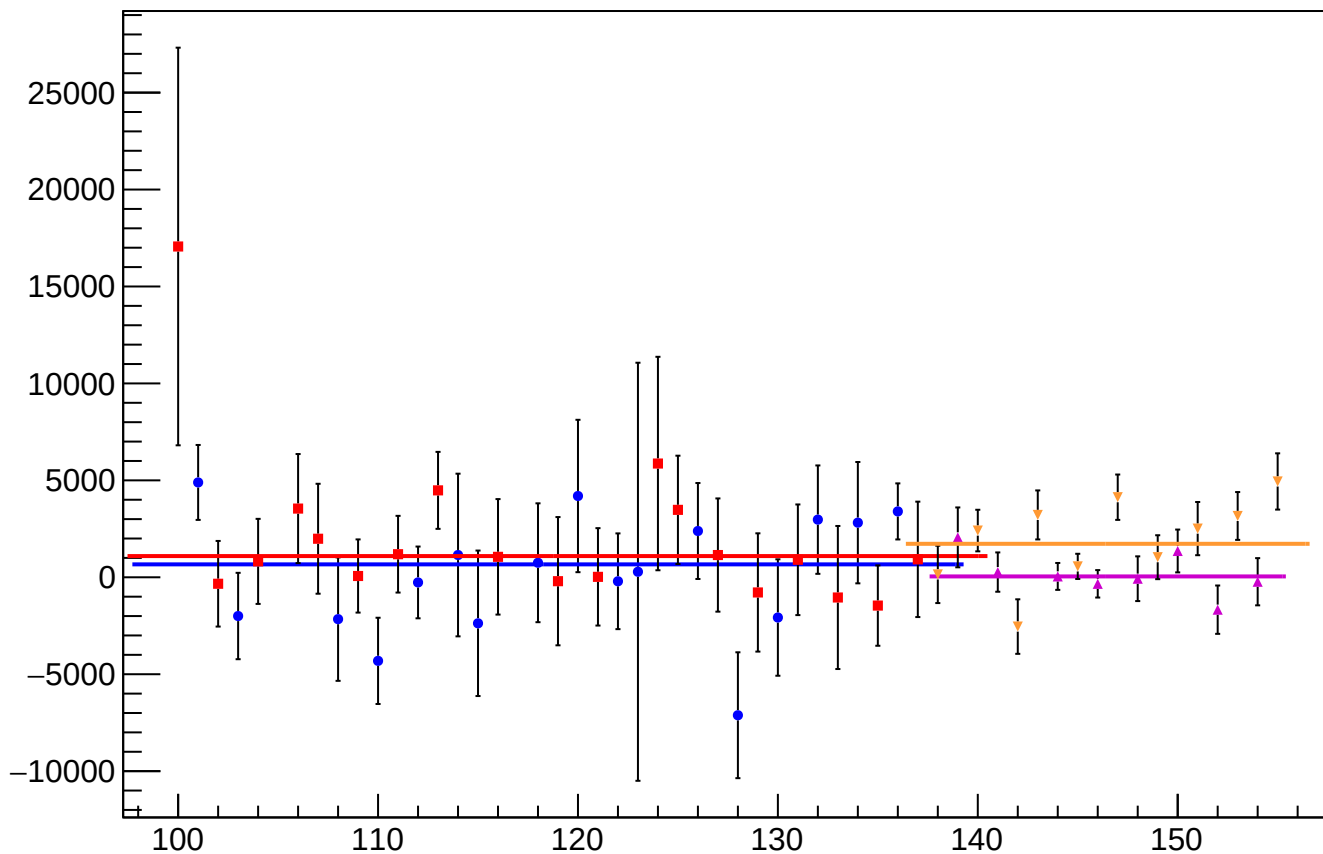
Left In: 837.192+/-0.240 χ^2/NDF : 1013638.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.770+/-0.171 χ^2/NDF : 2239741.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug



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

Left Out: 1726.864+/-353.603 χ^2/NDF : 26.5/9

Right Out: 1094.278+/-602.639 χ^2/NDF : 11.0/18

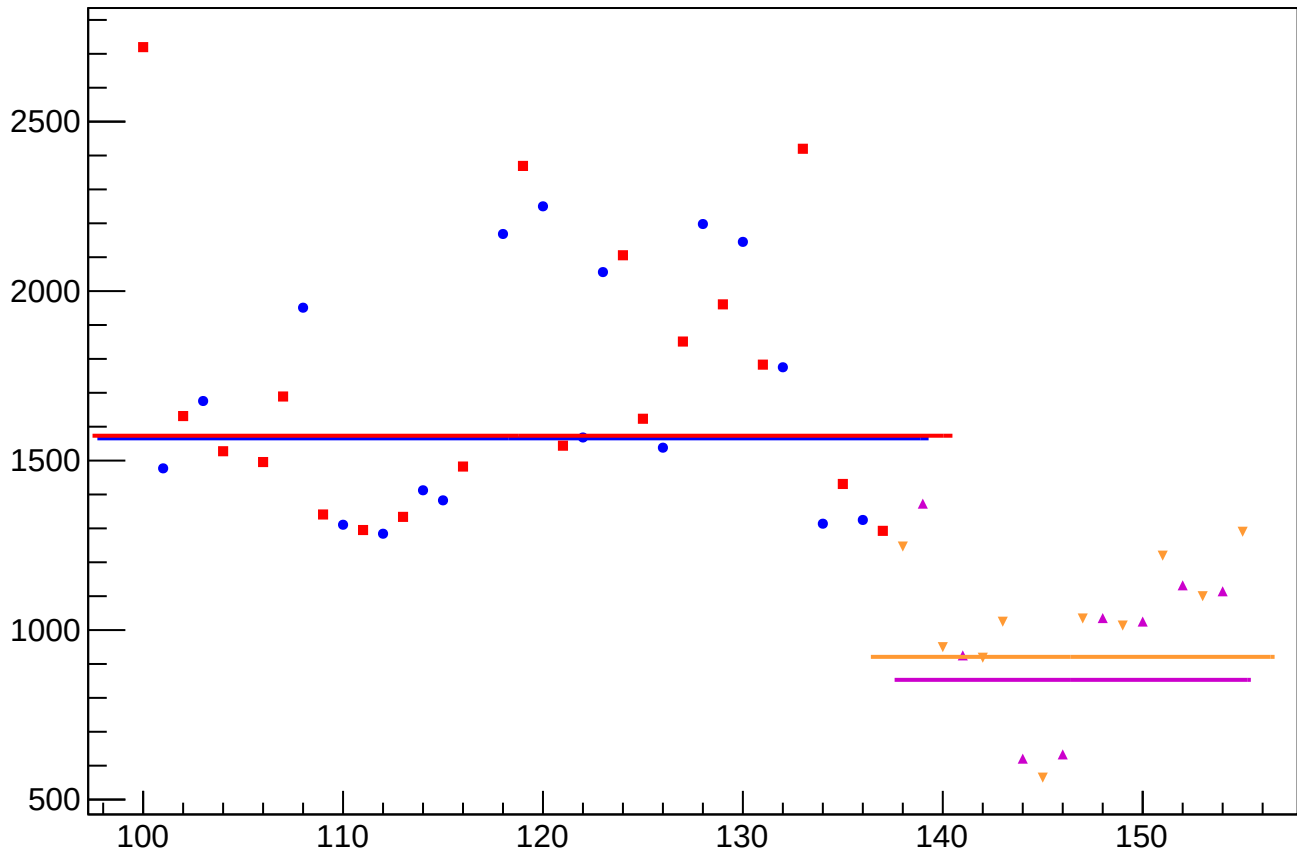
Left In: 44.705+/-345.885 χ^2/NDF : 5.4/7

+ sign 1465.861+/-307.018 χ^2/NDF : 54.4/26

All: 871.872+/-214.565 χ^2/NDF : 80.4/53

- sign 304.780+/-299.986 χ^2/NDF : 18.7/26

asym_sam3_rms vs Slug



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

Left Out: 920.997+/-0.250 χ^2/NDF : 1010454.3/9

Right Out: 1573.366+/-0.426 χ^2/NDF : 462040.3/18

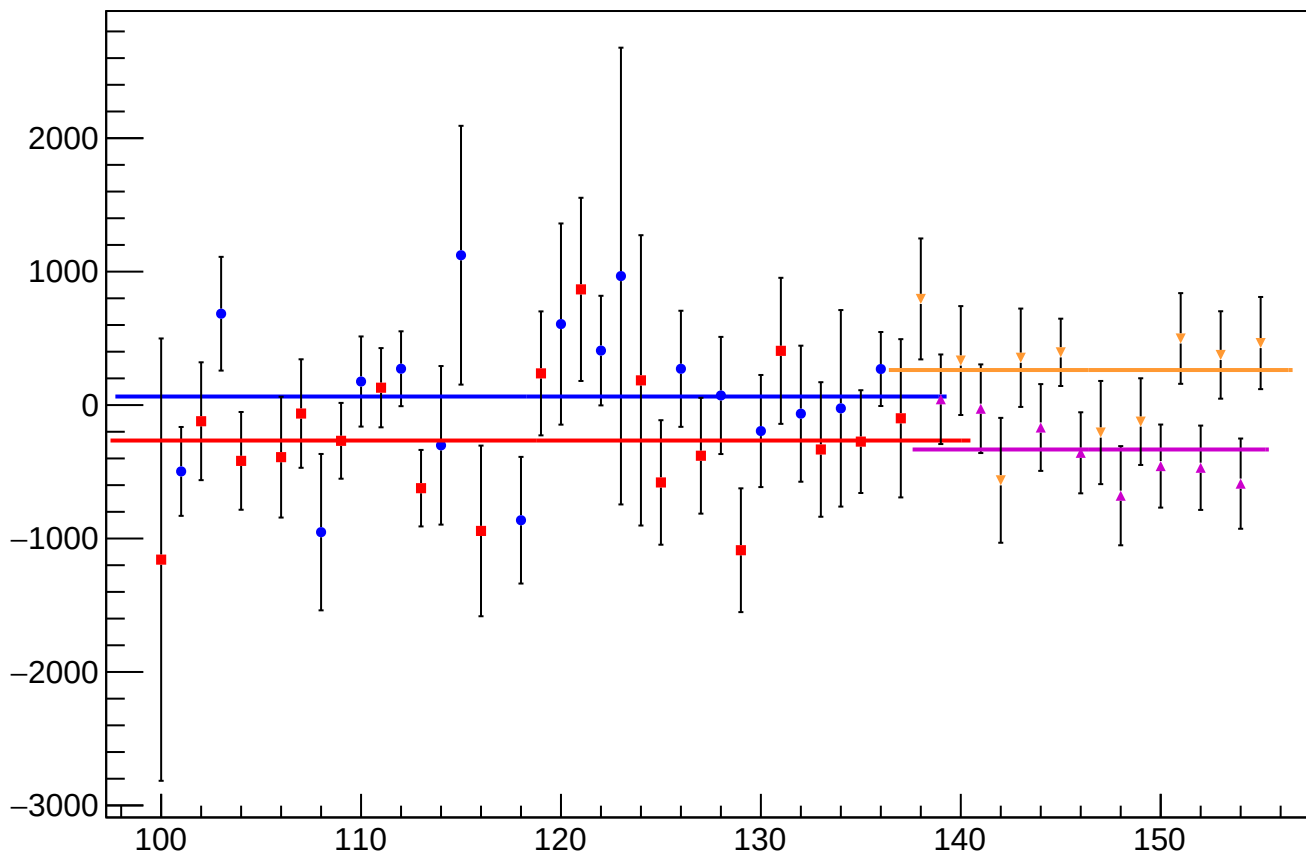
Left In: 853.172+/-0.245 χ^2/NDF : 945399.4/7

+ sign 1079.661+/-0.217 χ^2/NDF : 3137248.4/26

All: 1055.089+/-0.152 χ^2/NDF : 6718309.3/53

- sign 1031.630+/-0.212 χ^2/NDF : 3556019.4/26

dit_asym_sam4_mean vs Slug



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

Left Out: 262.640 ± 111.070 χ^2/NDF : 8.7/9

Right Out: -265.661 ± 99.379 χ^2/NDF : 14.7/18

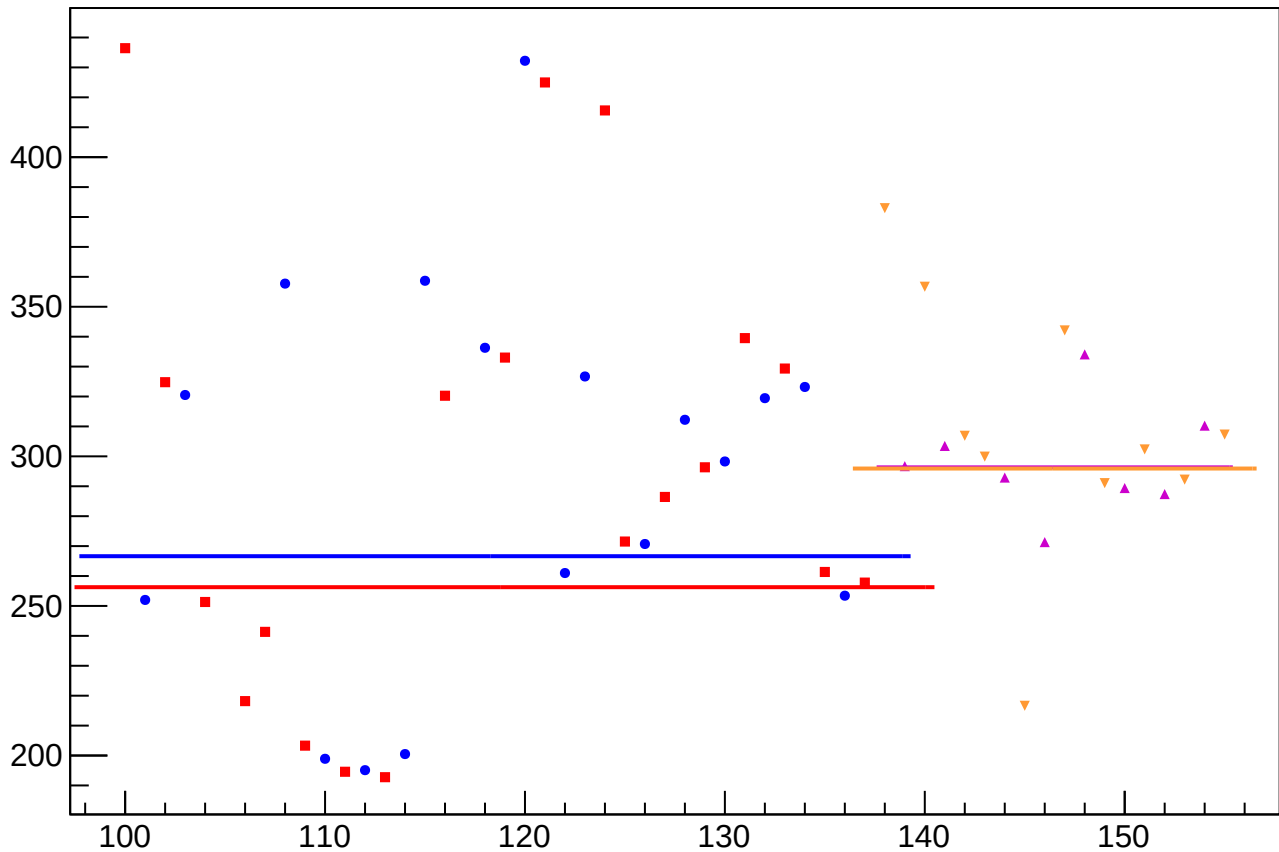
Left In: -332.874 ± 115.802 χ^2/NDF : 4.2/7

+ sign 158.106 ± 76.431 χ^2/NDF : 27.1/26

All: -71.054 ± 53.682 χ^2/NDF : 63.9/53

- sign -294.168 ± 75.416 χ^2/NDF : 19.0/26

dit_asym_sam4_rms vs Slug



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

Left Out: 295.926 $\pm$ 0.079 χ^2 /NDF: 349294.9/9

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

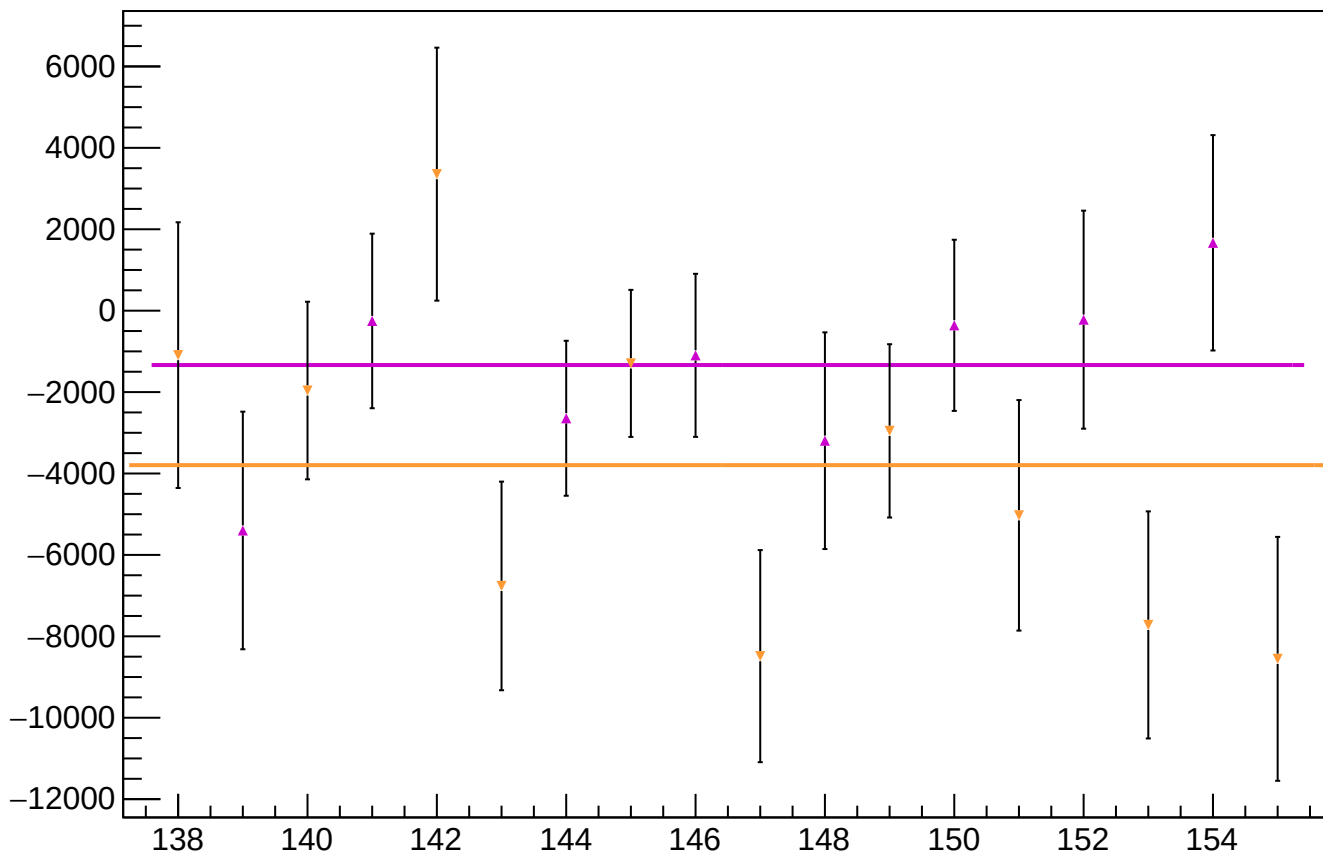
Left In: 296.322 $\pm$ 0.082 χ^2 /NDF: 41331.1/7

+ sign 280.499 $\pm$ 0.054 χ^2 /NDF: 973330.4/26

All: 276.829 $\pm$ 0.038 χ^2 /NDF: 1858445.9/53

- sign 273.256 $\pm$ 0.053 χ^2 /NDF: 876013.2/26

asym_sam4_correction_mean vs Slug



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

Left Out: -3794.879+/-790.810 χ^2/NDF :18.0/9

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

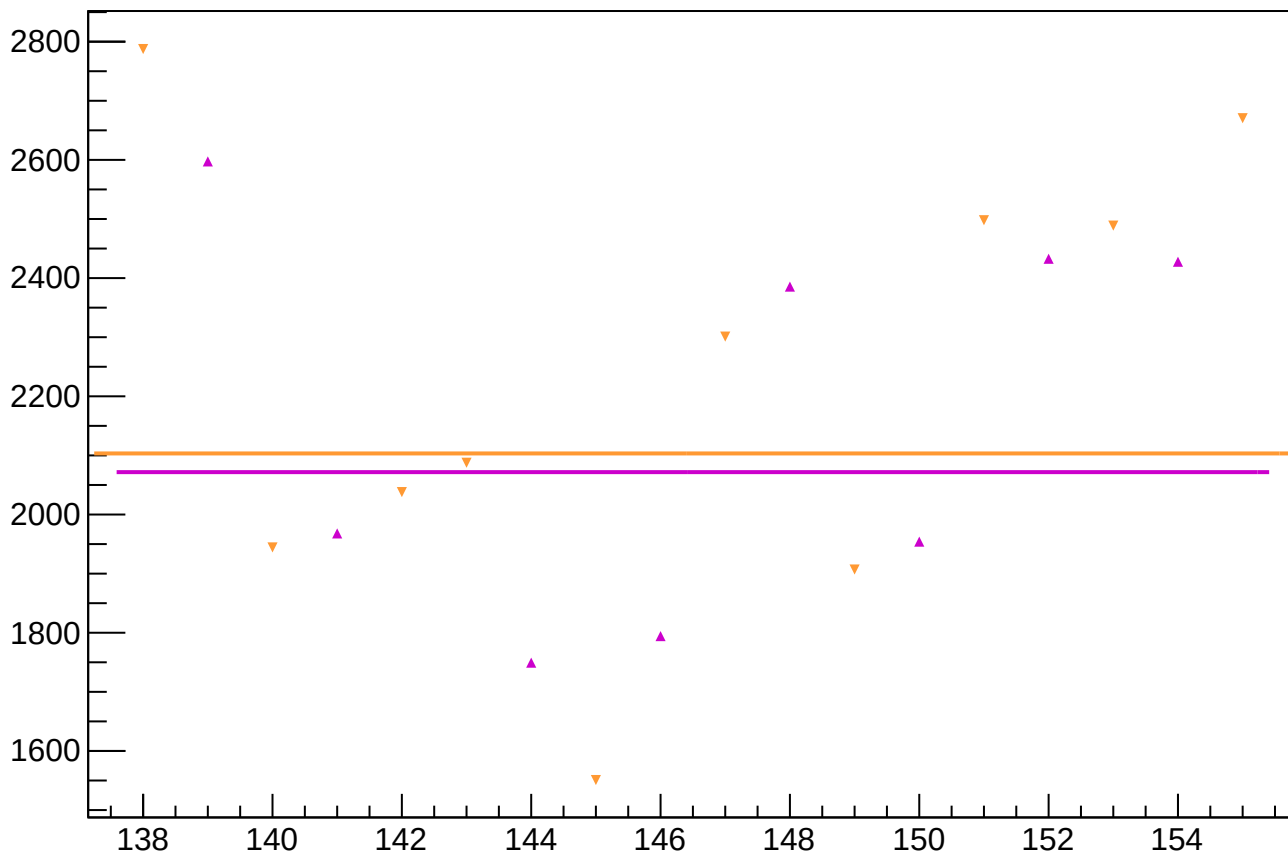
Left In: -1335.555+/-813.833 χ^2/NDF :4.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2600.495+/-567.152 χ^2/NDF : 27.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_correction_rms vs Slug



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

Left Out: 2103.351+/-0.559 χ^2/NDF : 463868.5/9

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

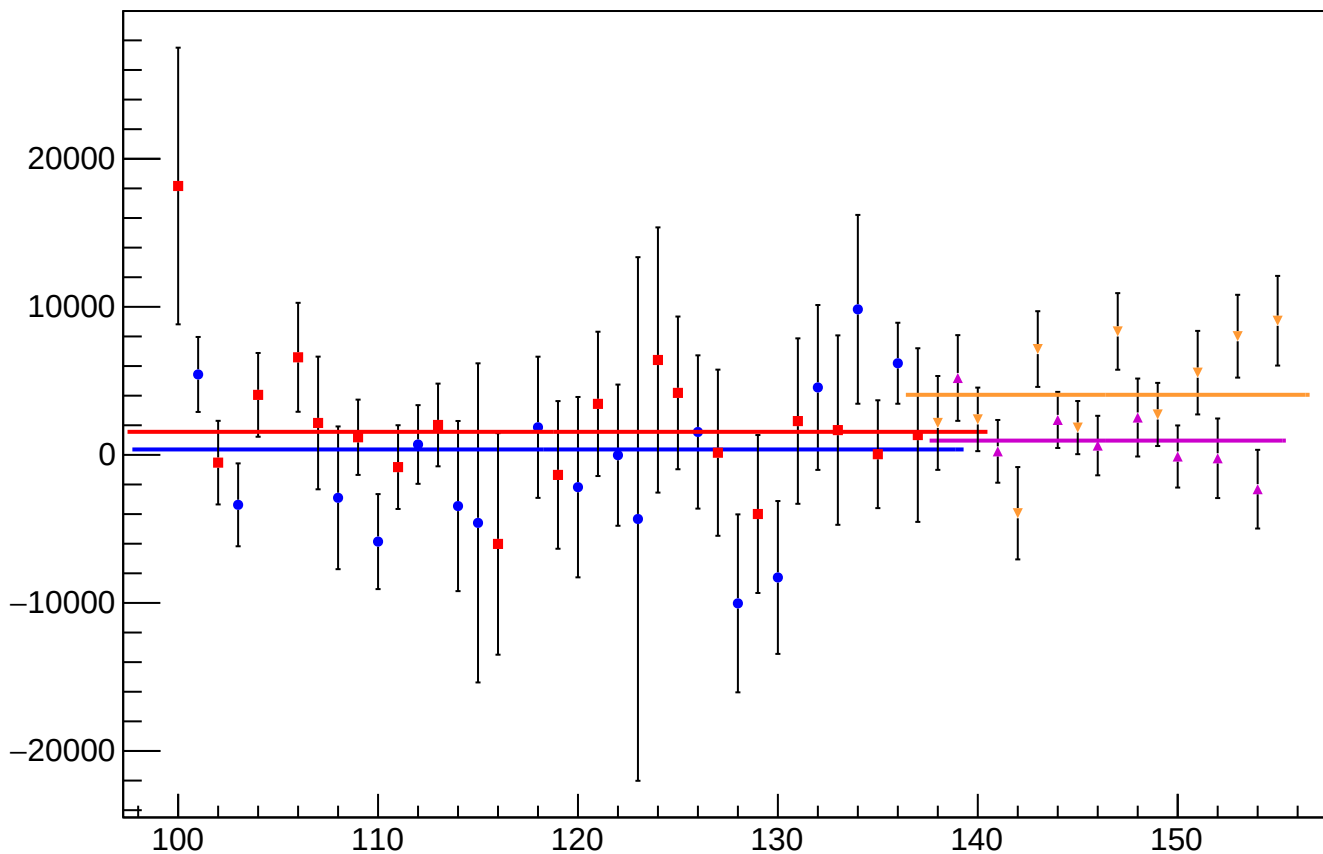
Left In: 2071.720+/-0.575 χ^2/NDF : 271895.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2087.989+/-0.401 χ^2/NDF : 737317.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_mean vs Slug



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

Left Out: 4058.300+/-787.035 χ^2/NDF : 18.7/9

Right Out: 1557.388+/-924.003 χ^2/NDF : 10.5/18

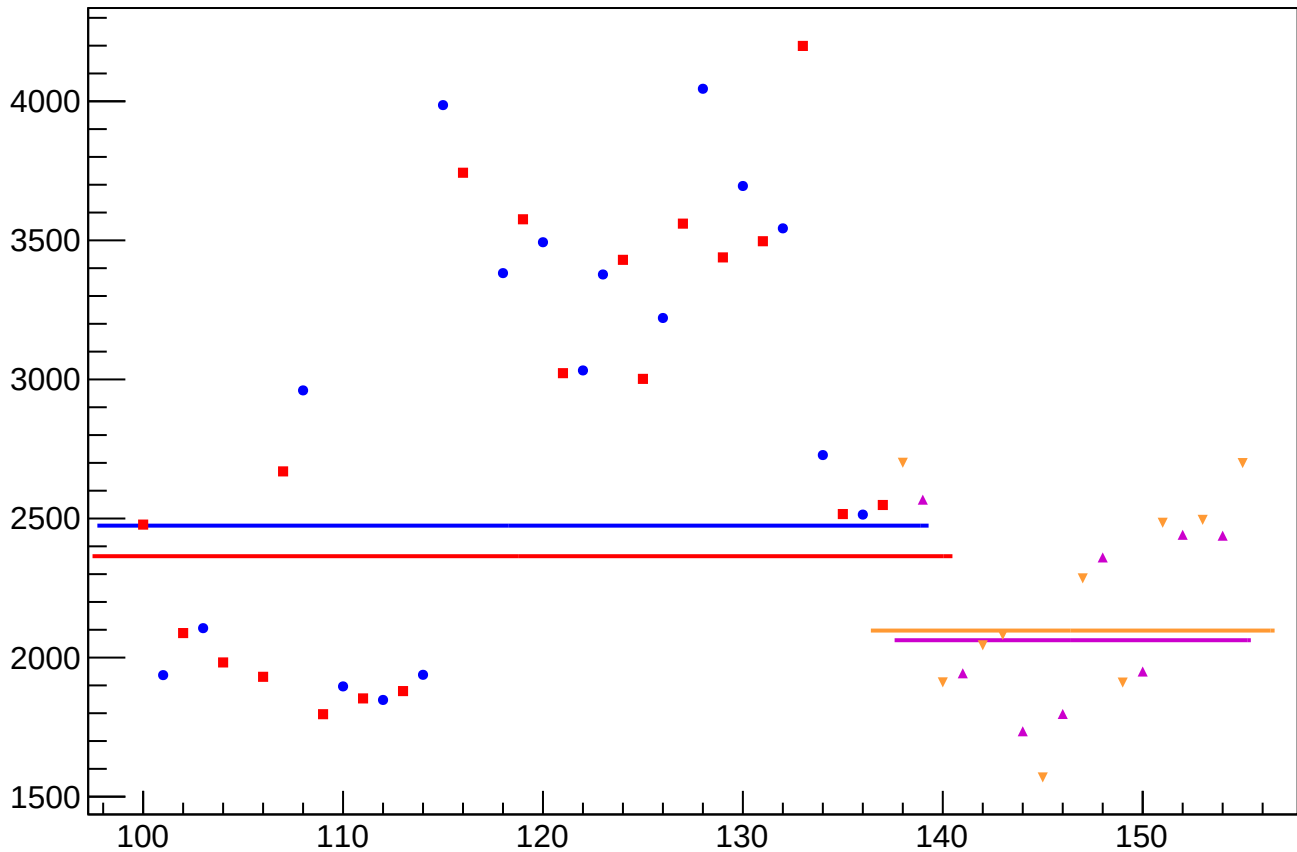
Left In: 964.946+/-811.173 χ^2/NDF : 5.2/7

+ sign 2632.994+/-616.672 χ^2/NDF : 51.3/26

All: 1919.763+/-433.529 χ^2/NDF : 69.9/53

- sign 1222.806+/-609.596 χ^2/NDF : 15.9/26

asym_sam4_rms vs Slug



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

Left Out: 2097.169+/-0.557 χ^2/NDF : 444341.5/9

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

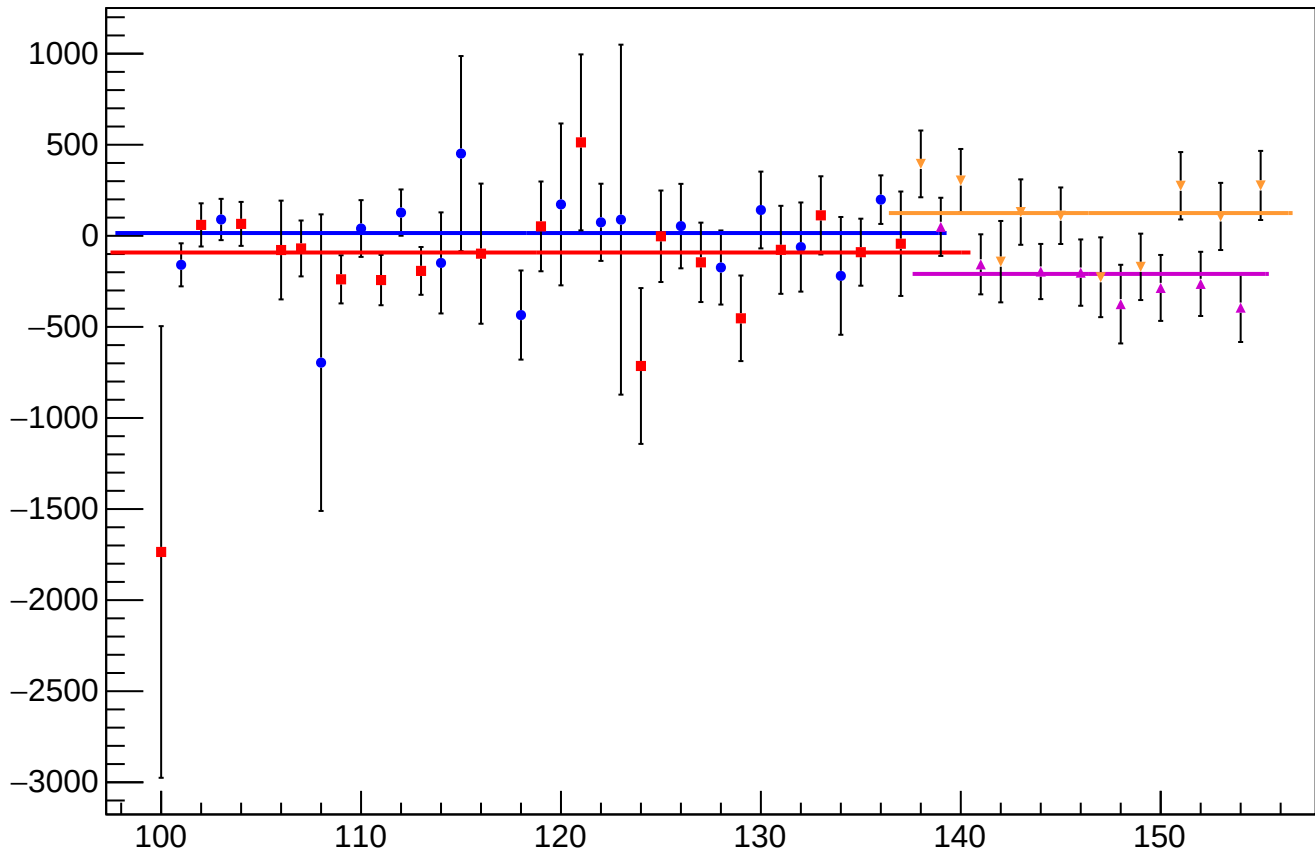
Left In: 2062.457+/-0.574 χ^2/NDF : 272880.3/7

+ sign 2242.802+/-0.436 χ^2/NDF : 1527979.5/26

All: 2218.081+/-0.307 χ^2/NDF : 2951315.3/53

- sign 2193.924+/-0.431 χ^2/NDF : 1416981.0/26

dit_asym_sam5_mean vs Slug



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

Left Out: 124.928 $\pm$ 58.421 χ^2 /NDF: 11.2/9

Right Out: -91.634 $\pm$ 43.318 χ^2 /NDF: 15.7/18

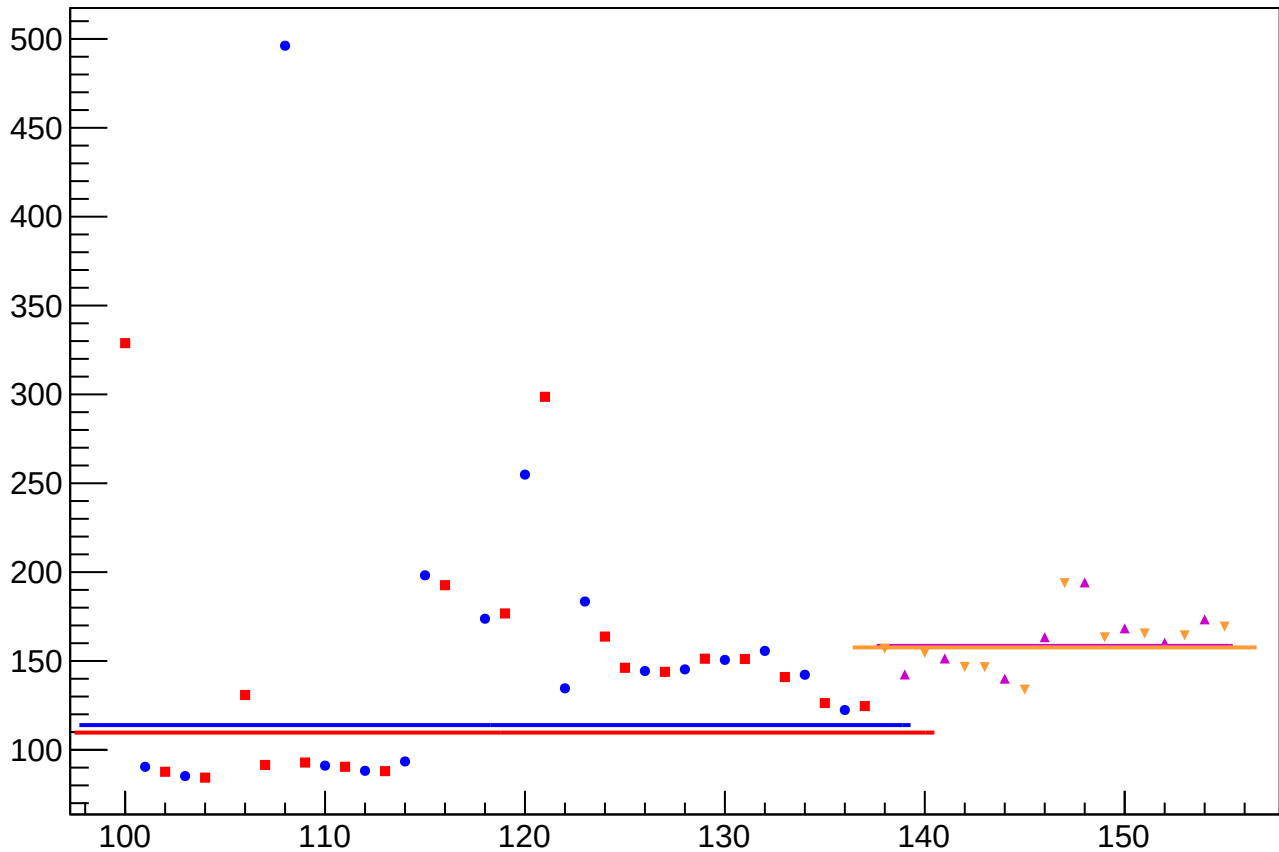
Left In: -209.136 $\pm$ 61.778 χ^2 /NDF: 4.6/7

+ sign 57.755 $\pm$ 36.355 χ^2 /NDF: 25.9/26

All: -38.628 $\pm$ 25.387 χ^2 /NDF: 62.3/53

- sign -130.364 $\pm$ 35.468 χ^2 /NDF: 22.6/26

dit_asym_sam5_rms vs Slug



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

Left Out: 157.638 $\pm$ 0.041 χ^2 /NDF:130379.5/9

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

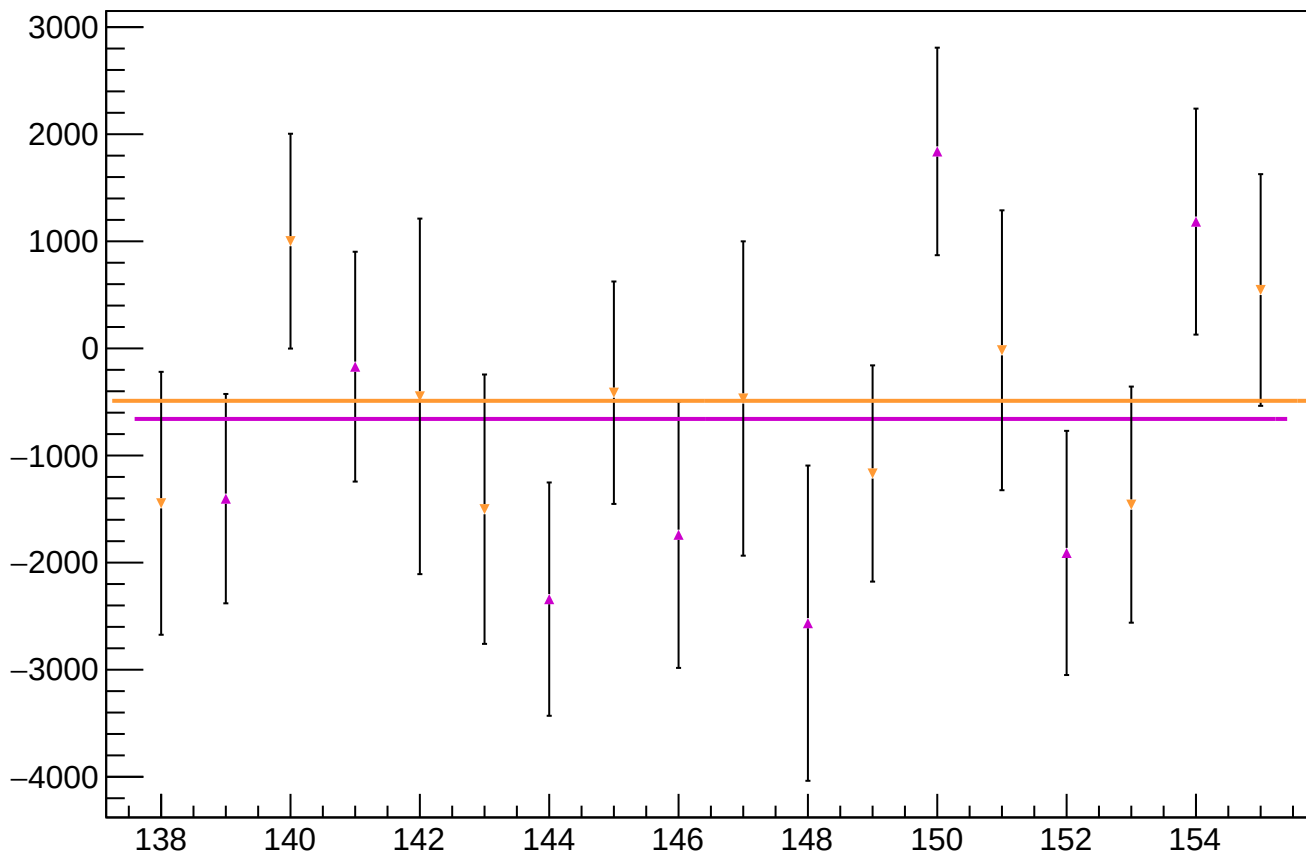
Left In: 158.498 $\pm$ 0.044 χ^2 /NDF:128393.1/7

+ sign 130.857 $\pm$ 0.026 χ^2 /NDF: 2224111.6/26

All: 128.261 $\pm$ 0.018 χ^2 /NDF: 4450643.7/53

- sign 125.791 $\pm$ 0.025 χ^2 /NDF: 2206633.6/26

asym_sam5_correction_mean vs Slug



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

Left Out: -489.323+/-370.392 χ^2/NDF : 5.7/9

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

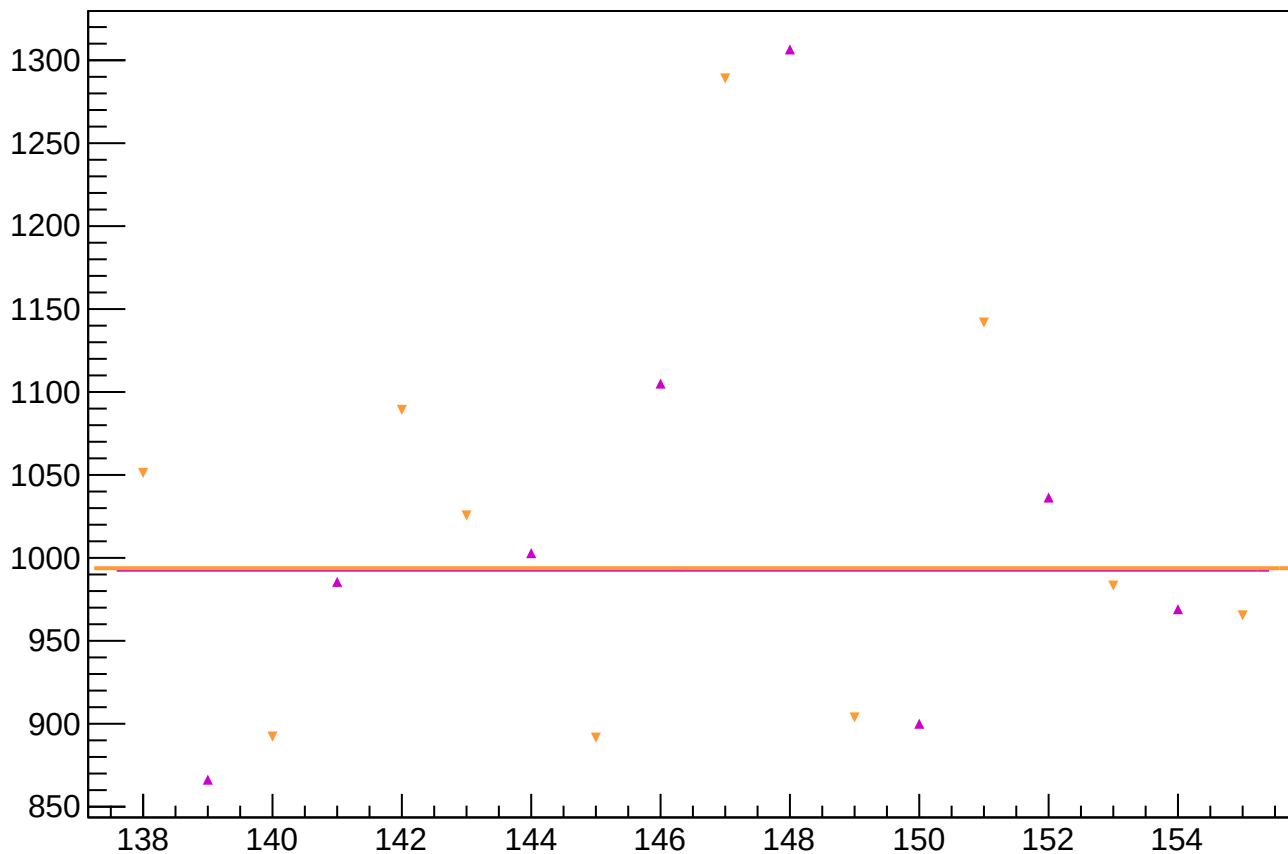
Left In: -658.449+/-389.256 χ^2/NDF : 16.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -569.689+/-268.328 χ^2/NDF : 22.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_correction_rms vs Slug



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

Left Out: 993.761+/-0.262 χ^2/NDF :176181.9/9

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

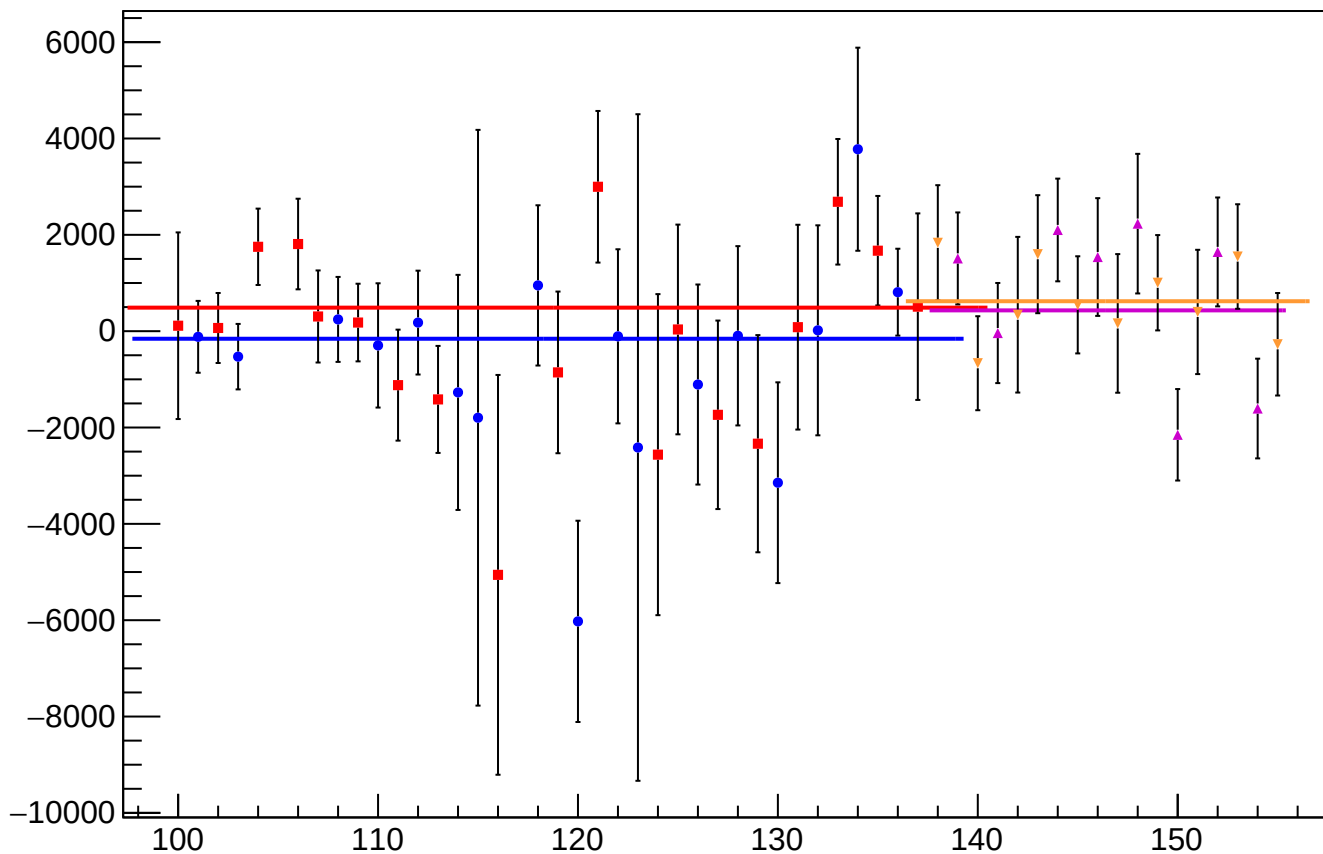
Left In: 992.903+/-0.275 χ^2/NDF :163217.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 993.353+/-0.190 χ^2/NDF : 339404.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_mean vs Slug



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

Left Out: 621.651 ± 362.258 χ^2/NDF : 5.2/9

Right Out: 488.583 ± 282.758 χ^2/NDF : 22.6/18

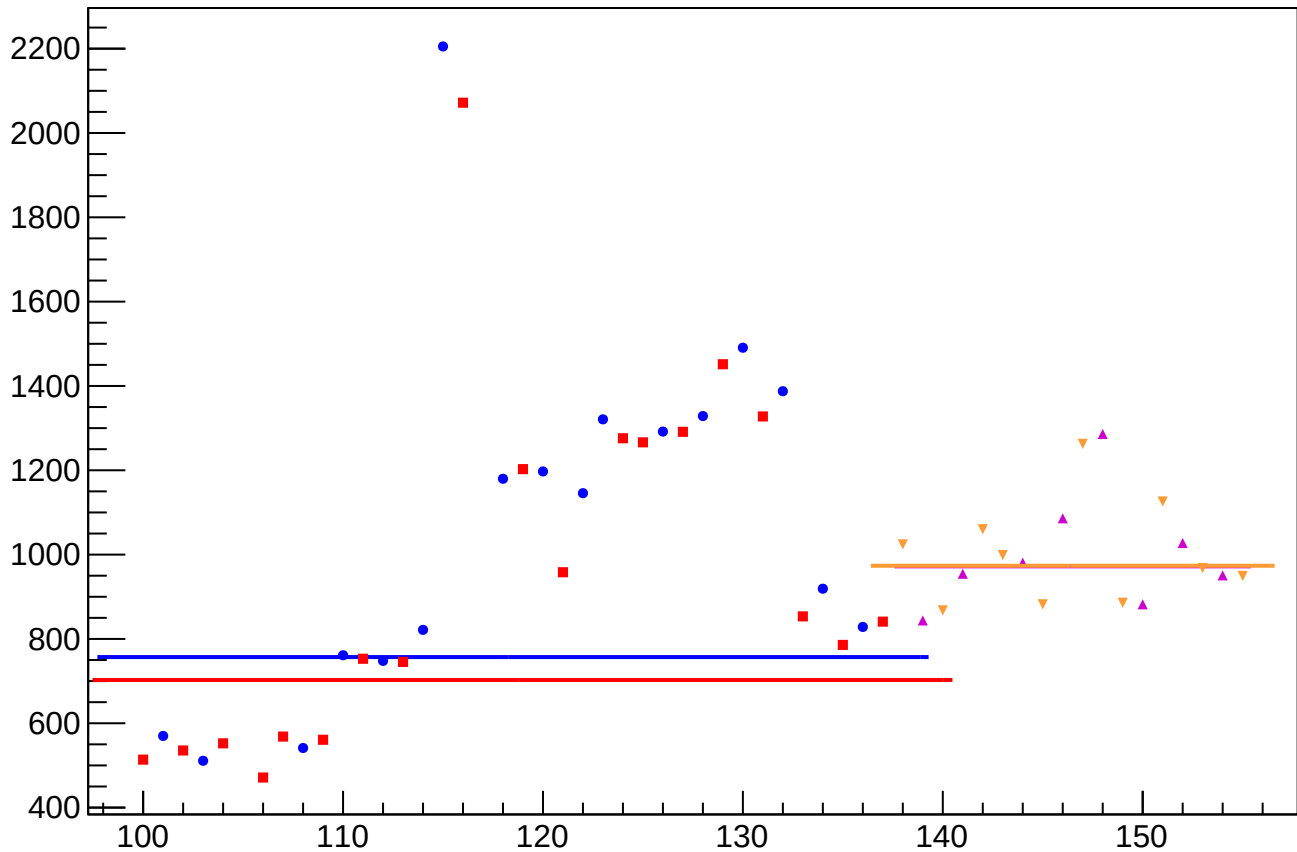
Left In: 431.820 ± 381.407 χ^2/NDF : 18.7/7

+ sign 175.114 ± 236.623 χ^2/NDF : 24.1/26

All: 327.774 ± 163.864 χ^2/NDF : 66.2/53

- sign 468.450 ± 227.146 χ^2/NDF : 41.4/26

asym_sam5_rms vs Slug



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

Left Out: 973.564+/-0.256 χ^2/NDF : 175581.9/9

Right Out: 702.656+/-0.200 χ^2/NDF : 1689579.7/18

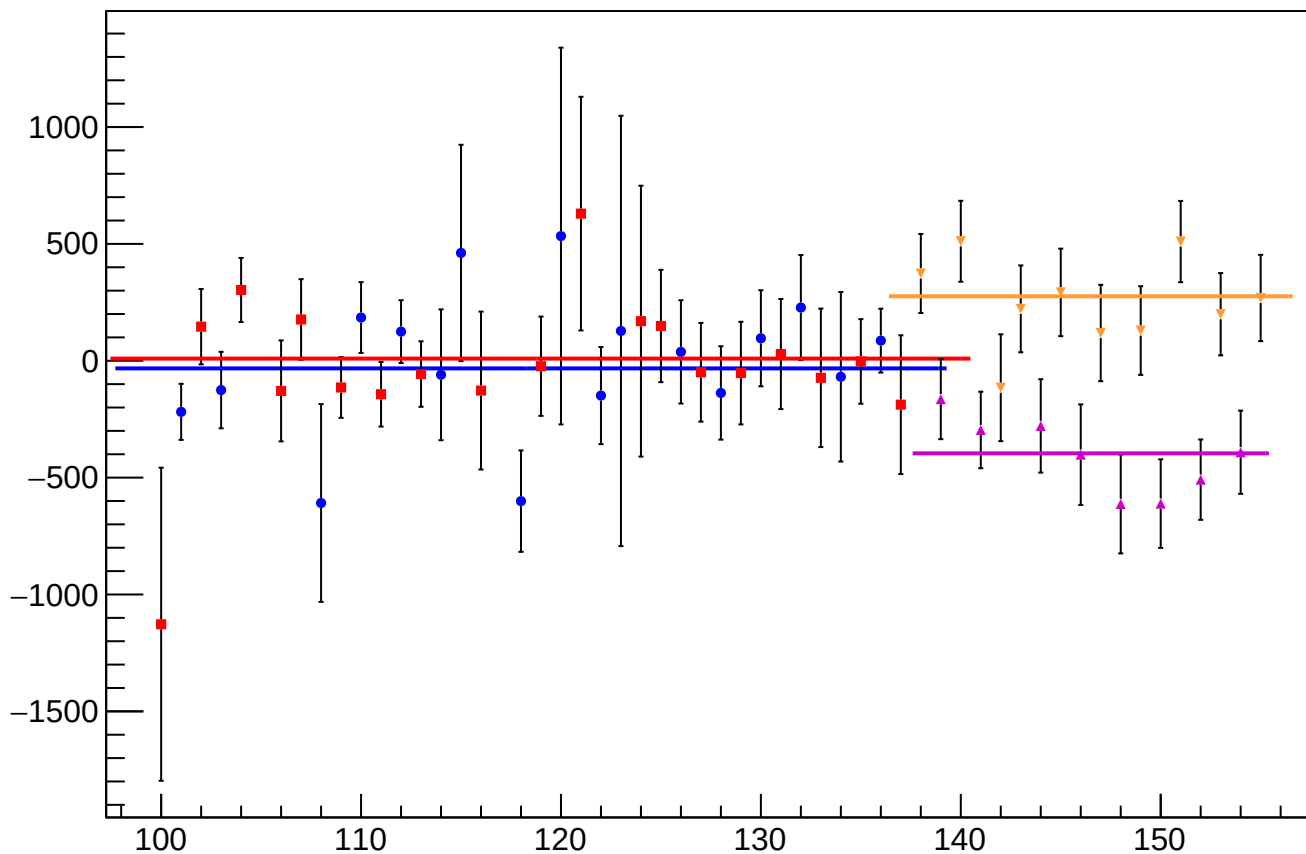
Left In: 972.140+/-0.270 χ^2/NDF : 171707.3/7

+ sign 849.390+/-0.167 χ^2/NDF : 2296735.6/26

All: 822.768+/-0.116 χ^2/NDF : 4850979.3/53

- sign 798.235+/-0.161 χ^2/NDF : 2505598.0/26

dit_asym_sam6_mean vs Slug



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

Left Out: 275.825 ± 58.622 χ^2/NDF : 8.4/9

Right Out: 9.277 ± 45.600 χ^2/NDF : 14.7/18

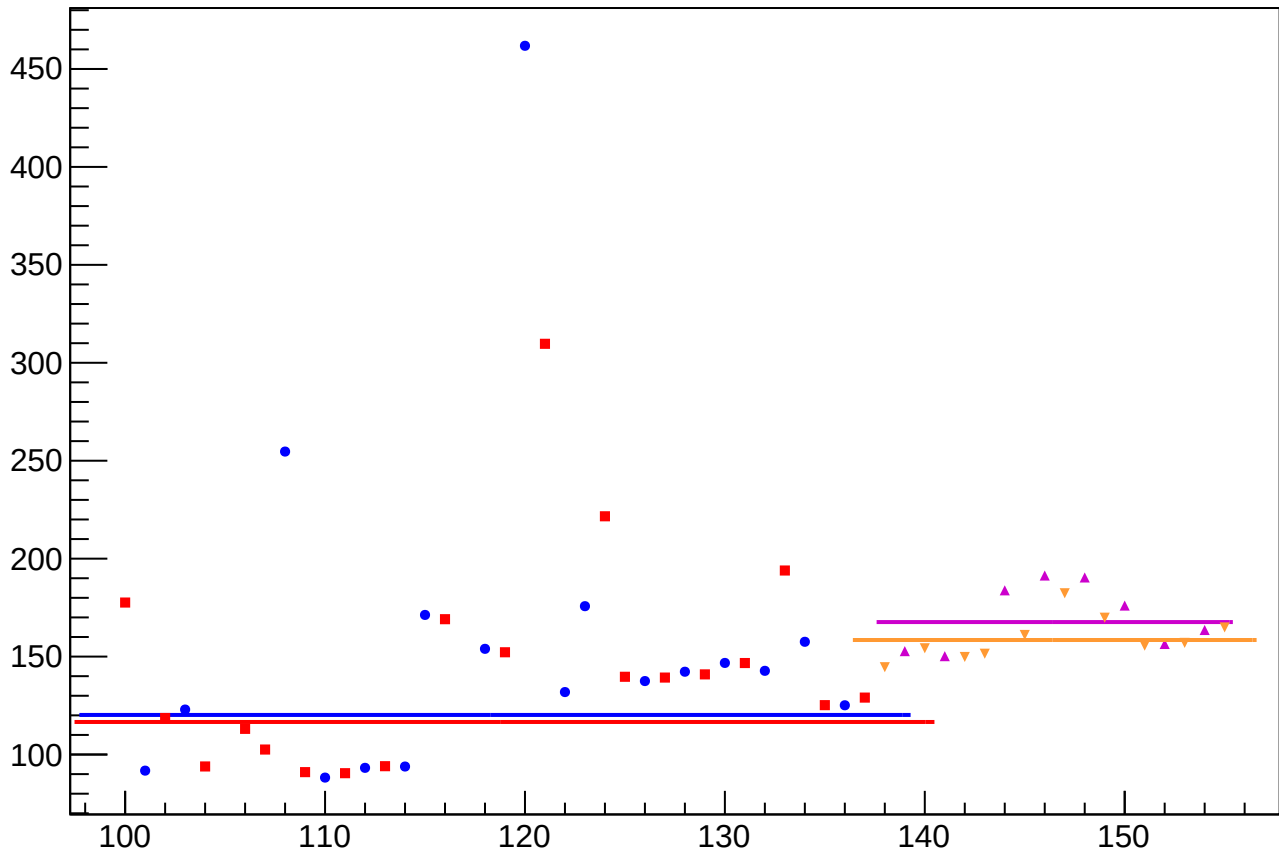
Left In: -396.131 ± 65.412 χ^2/NDF : 5.3/7

+ sign 92.460 ± 37.337 χ^2/NDF : 44.6/26

All: -15.221 ± 26.426 χ^2/NDF : 107.1/53

- sign -123.307 ± 37.407 χ^2/NDF : 45.9/26

dit_asym_sam6_rms vs Slug



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

Left Out: 158.469+/-0.041 χ^2/NDF : 57879.1/9

Right Out: 116.618+/-0.032 χ^2/NDF : 997956.6/18

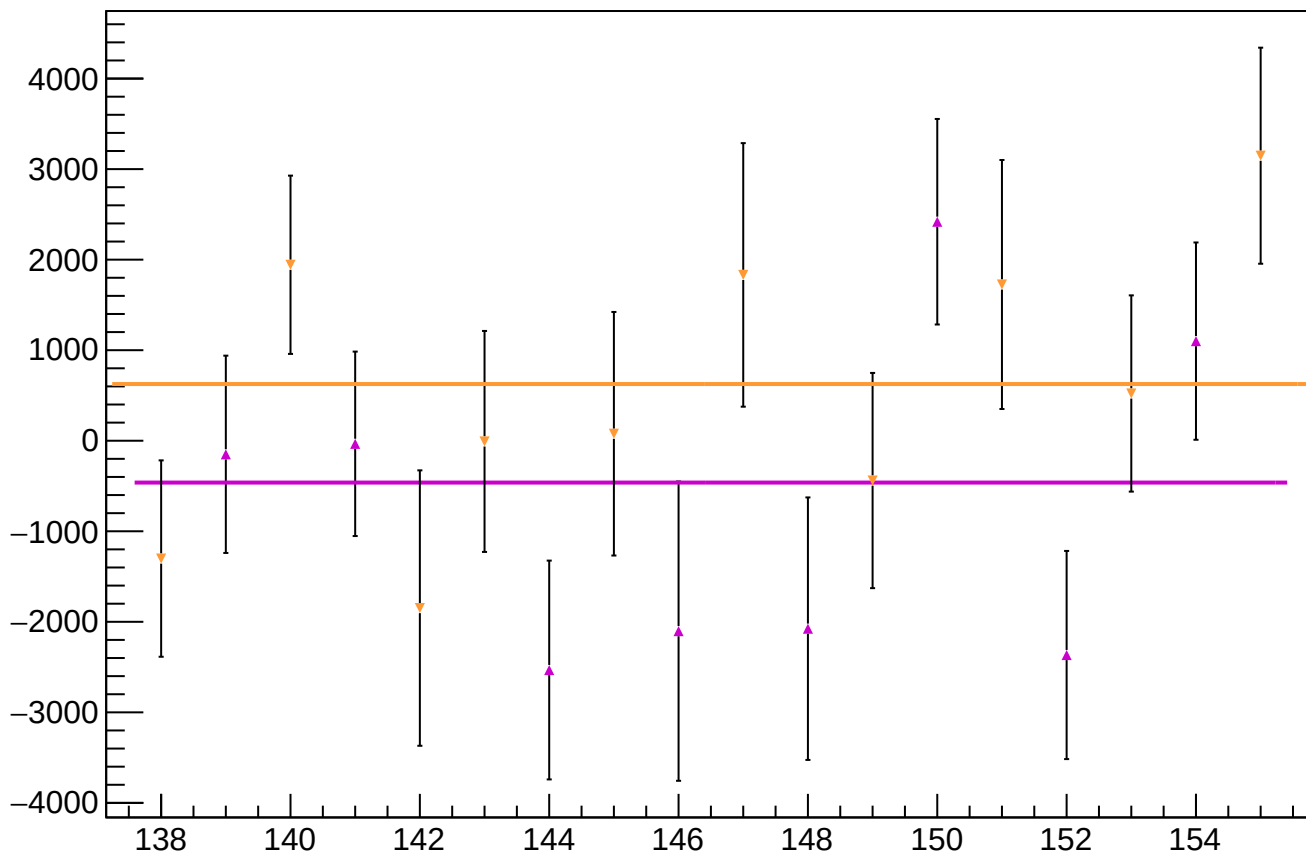
Left In: 167.626+/-0.046 χ^2/NDF : 111810.8/7

+ sign 135.728+/-0.026 χ^2/NDF : 1626595.2/26

All: 134.516+/-0.019 χ^2/NDF : 3559003.2/53

- sign 133.299+/-0.026 χ^2/NDF : 1928184.4/26

asym_sam6_correction_mean vs Slug



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

Left Out: 626.175+/-383.472 χ^2/NDF :14.6/9

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

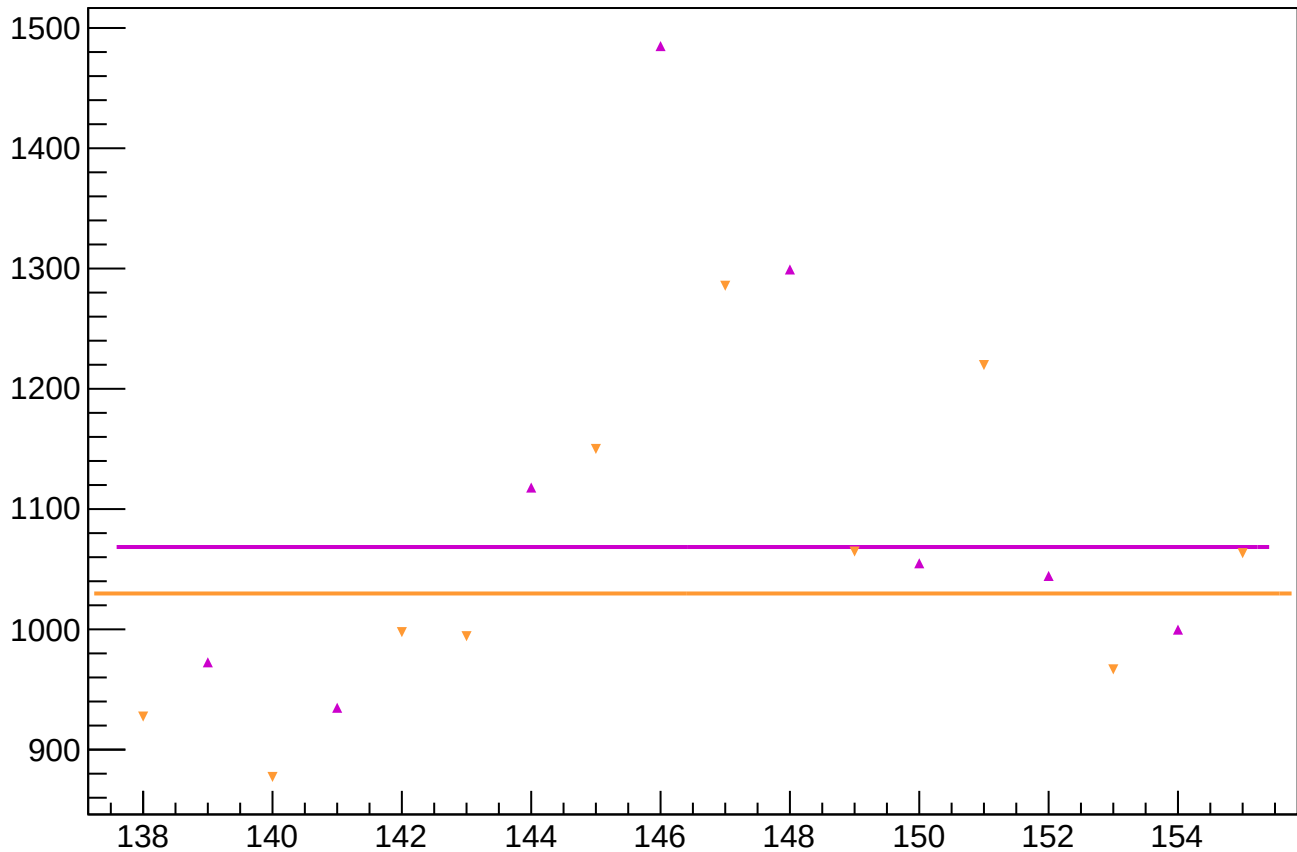
Left In: -462.081+/-418.560 χ^2/NDF :16.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.565+/-282.748 χ^2/NDF : 35.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_correction_rms vs Slug



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

Left Out: 1029.823+/-0.271 χ^2/NDF : 194386.8/9

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

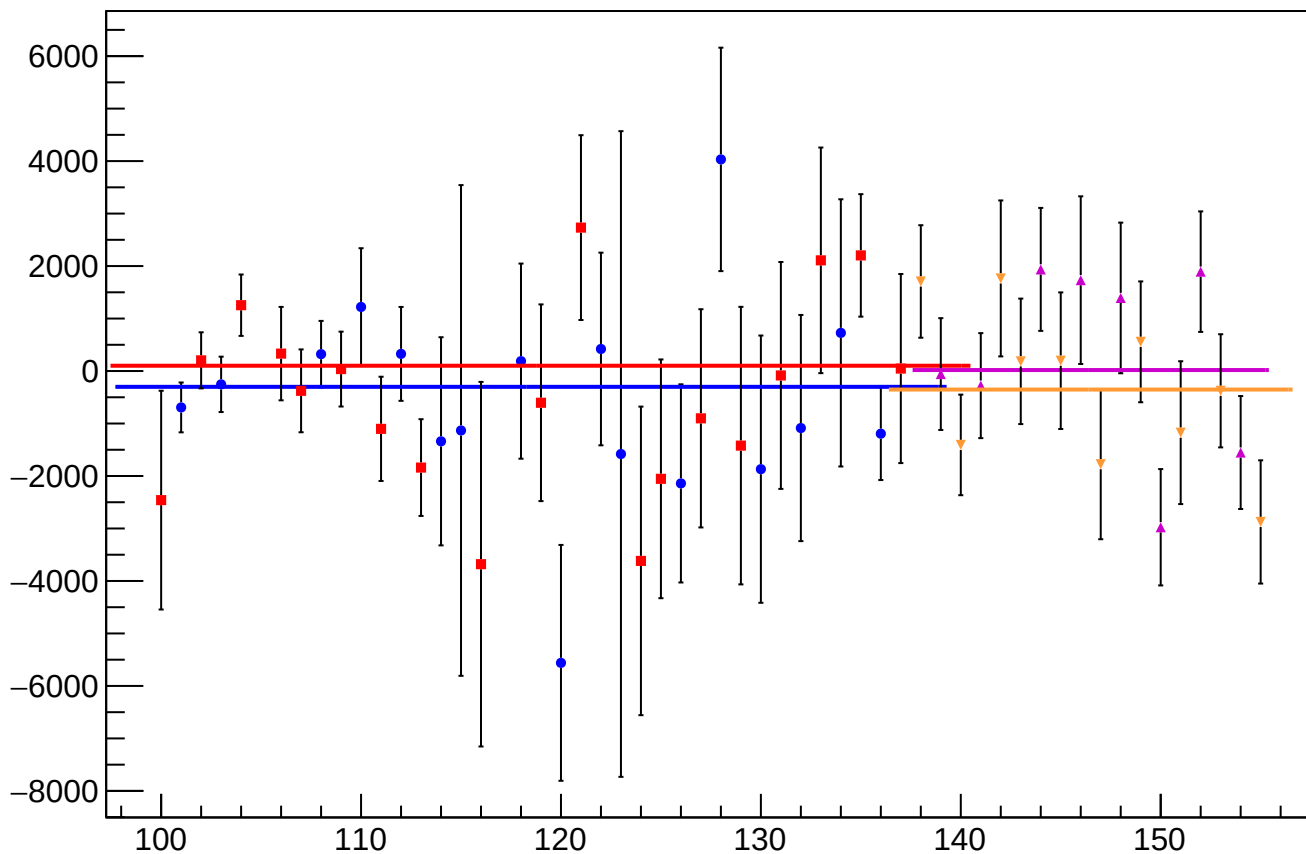
Left In: 1068.466+/-0.296 χ^2/NDF : 240019.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1047.457+/-0.200 χ^2/NDF : 443674.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -301.000 ± 250.042 $\chi^2/\text{NDF}: 16.8/16$

Left Out: -352.898 ± 376.009 $\chi^2/\text{NDF}: 13.9/9$

Right Out: 100.857 ± 245.981 $\chi^2/\text{NDF}: 22.5/18$

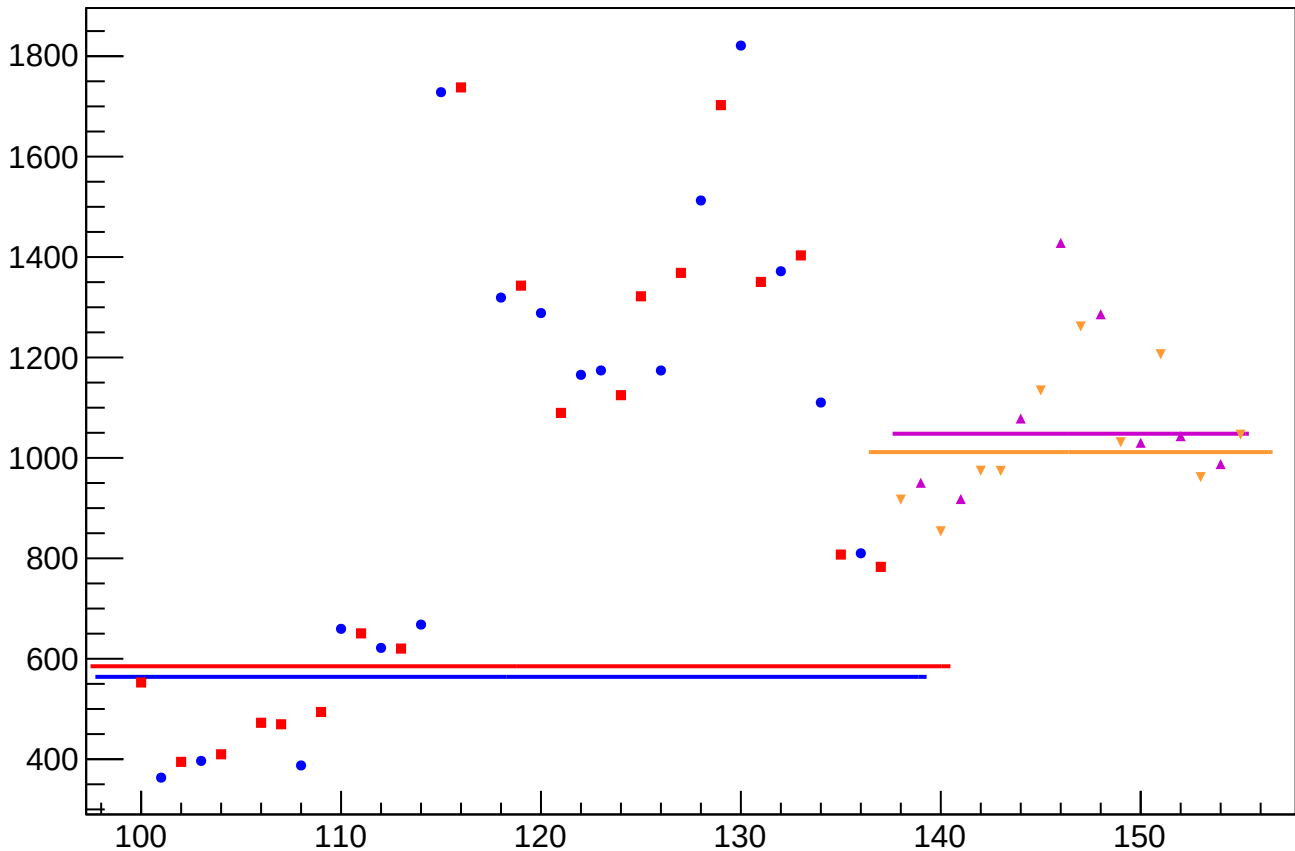
Left In: 18.677 ± 410.865 $\chi^2/\text{NDF}: 16.9/7$

+ sign -316.913 ± 208.209 $\chi^2/\text{NDF}: 30.8/26$

All: -121.553 ± 148.220 $\chi^2/\text{NDF}: 72.0/53$

- sign 79.174 ± 211.049 $\chi^2/\text{NDF}: 39.5/26$

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 1011.562 $\pm$ 0.266 χ^2 /NDF:199724.1/9

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

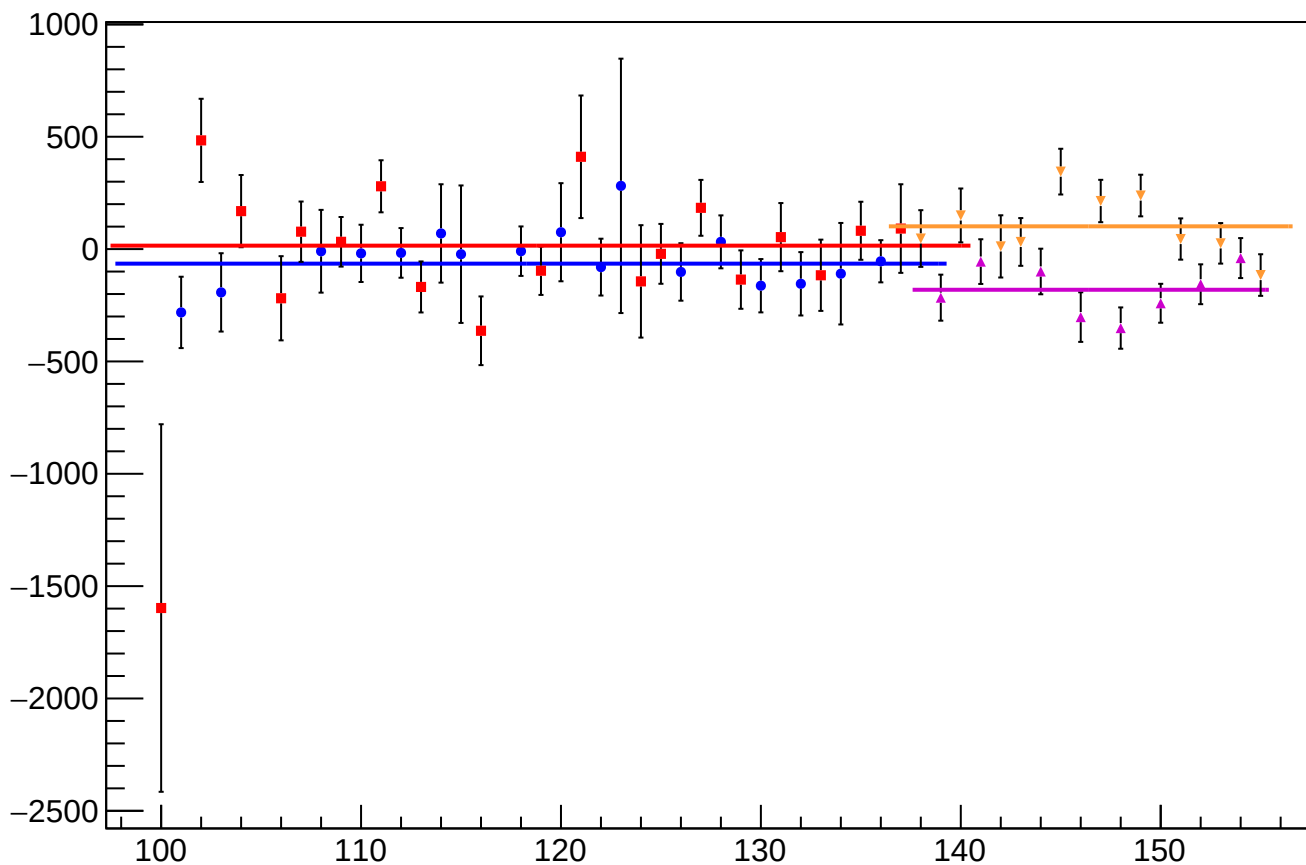
Left In: 1048.172 $\pm$ 0.291 χ^2 /NDF:227023.1/7

+ sign 701.234 $\pm$ 0.147 χ^2 /NDF: 5425950.4/26

All: 704.207 $\pm$ 0.105 χ^2 /NDF: 10345096.7/53

- sign 707.262 $\pm$ 0.149 χ^2 /NDF: 4918319.5/26

dit_asym_sam7_mean vs Slug



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 101.273 ± 32.325 χ^2/NDF : 17.1/9

Right Out: 15.294 ± 33.422 χ^2/NDF : 35.0/18

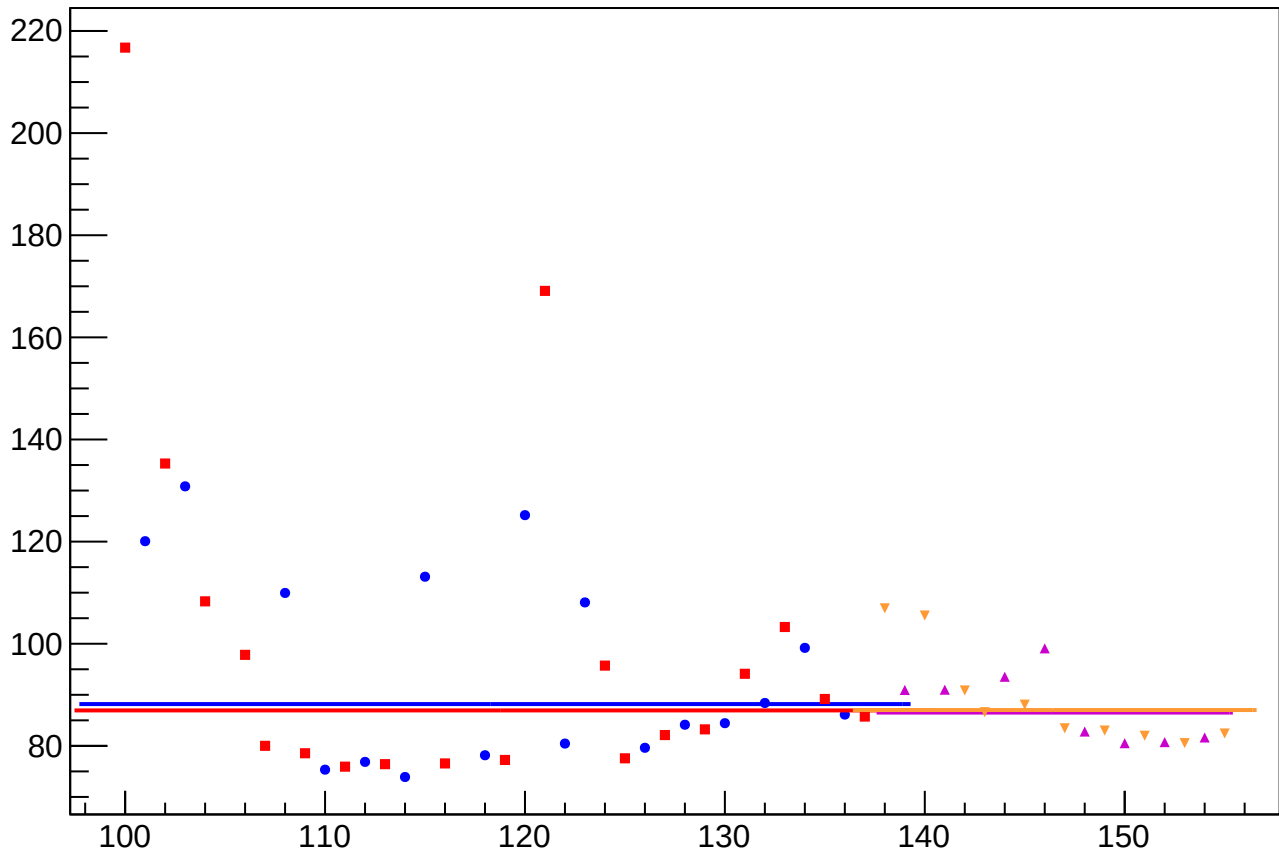
Left In: -181.029 ± 33.692 χ^2/NDF : 10.1/7

+ sign 23.946 ± 23.630 χ^2/NDF : 35.6/26

All: -28.846 ± 16.743 χ^2/NDF : 107.7/53

- sign -82.075 ± 23.728 χ^2/NDF : 62.2/26

dit_asym_sam7_rms vs Slug



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

Left Out: 87.019 $\pm$ 0.023 χ^2 /NDF: 127194.7/9

Right Out: 86.943 $\pm$ 0.024 χ^2 /NDF: 531359.9/18

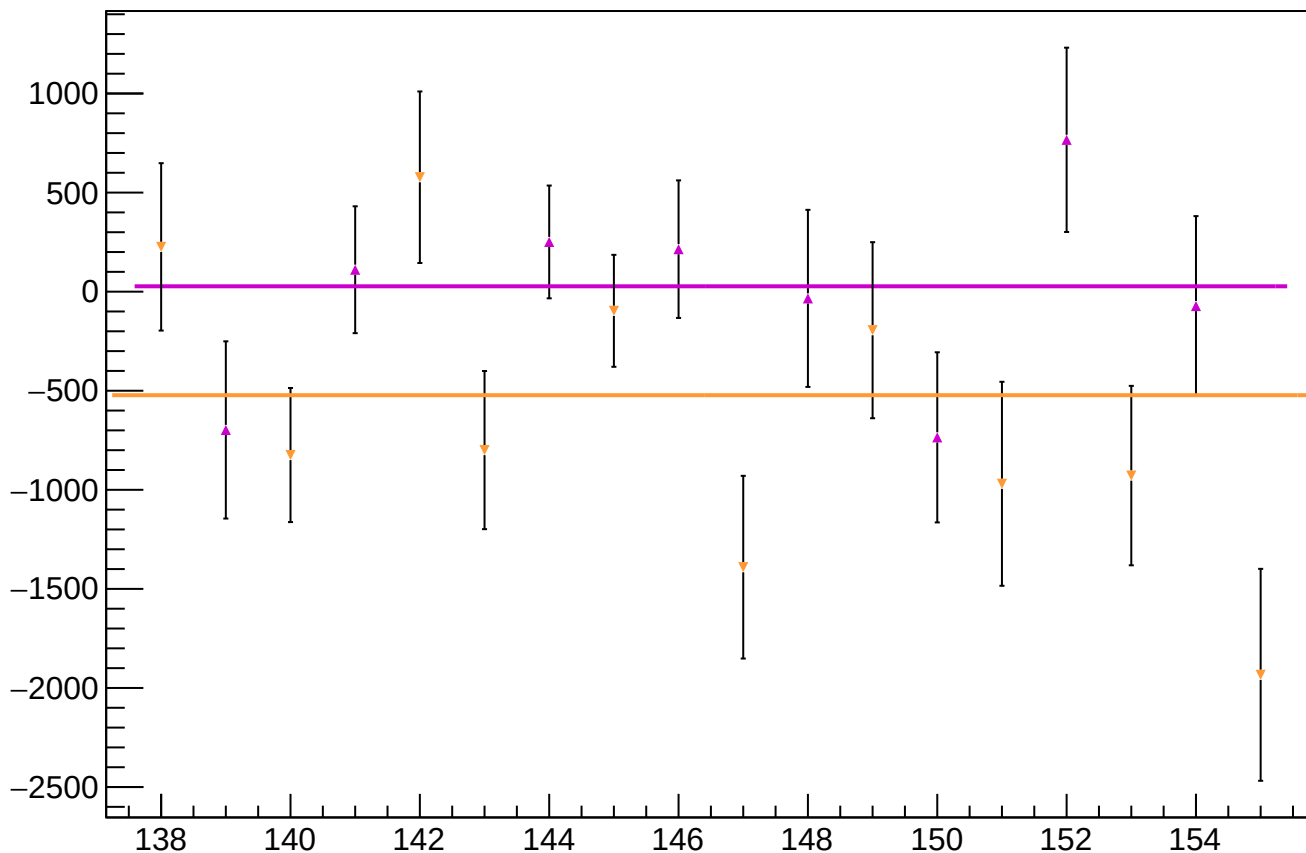
Left In: 86.522 $\pm$ 0.024 χ^2 /NDF: 70731.9/7

+ sign 87.563 $\pm$ 0.017 χ^2 /NDF: 522855.4/26

All: 87.150 $\pm$ 0.012 χ^2 /NDF: 1126328.2/53

- sign 86.734 $\pm$ 0.017 χ^2 /NDF: 602248.8/26

asym_sam7_correction_mean vs Slug



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

Left Out: -522.444 $\pm$ 128.664 χ^2/NDF : 25.8/9

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

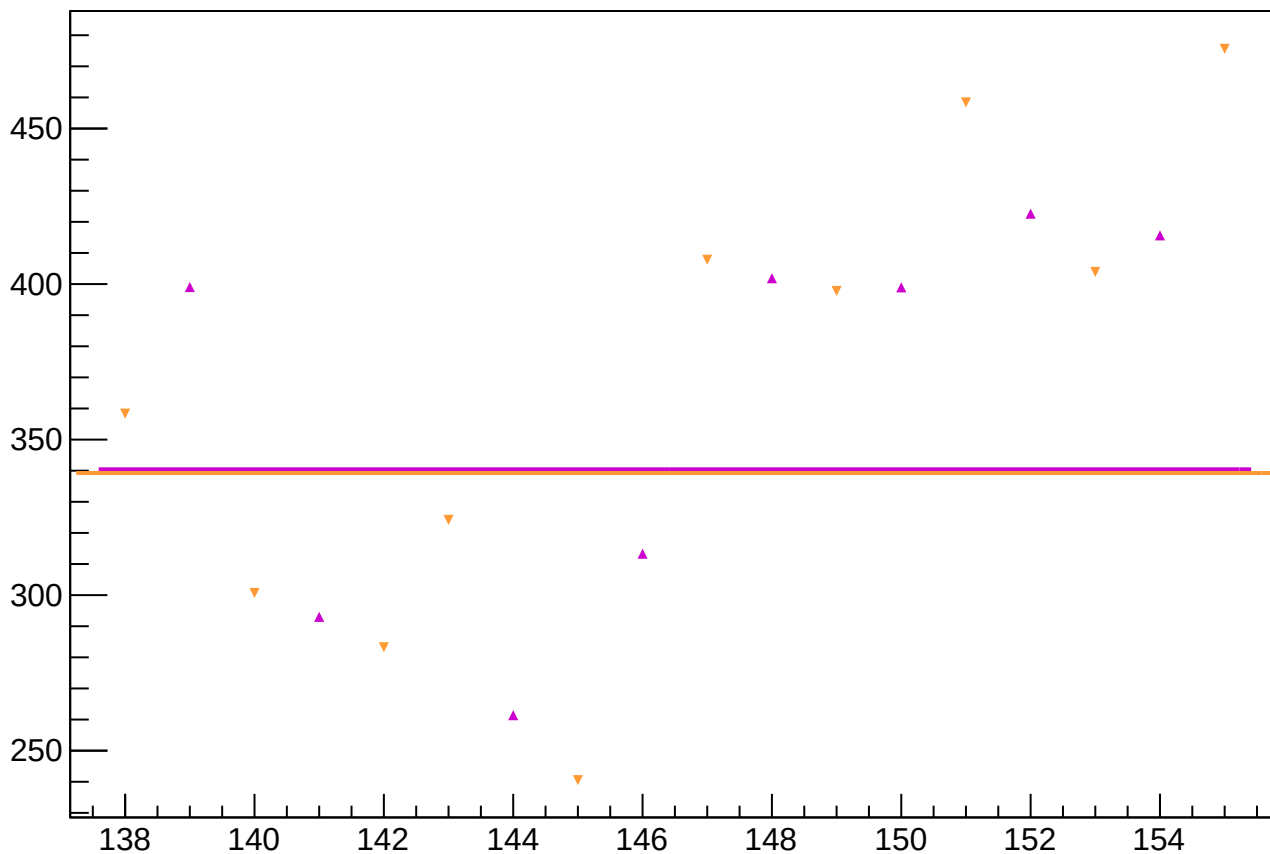
Left In: 27.102 $\pm$ 134.453 χ^2/NDF : 9.4/7

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -259.756 $\pm$ 92.958 χ^2/NDF : 43.8/17

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam7_correction_rms vs Slug



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

Left Out: 339.258+/-0.091 χ^2/NDF : 667677.5/9

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

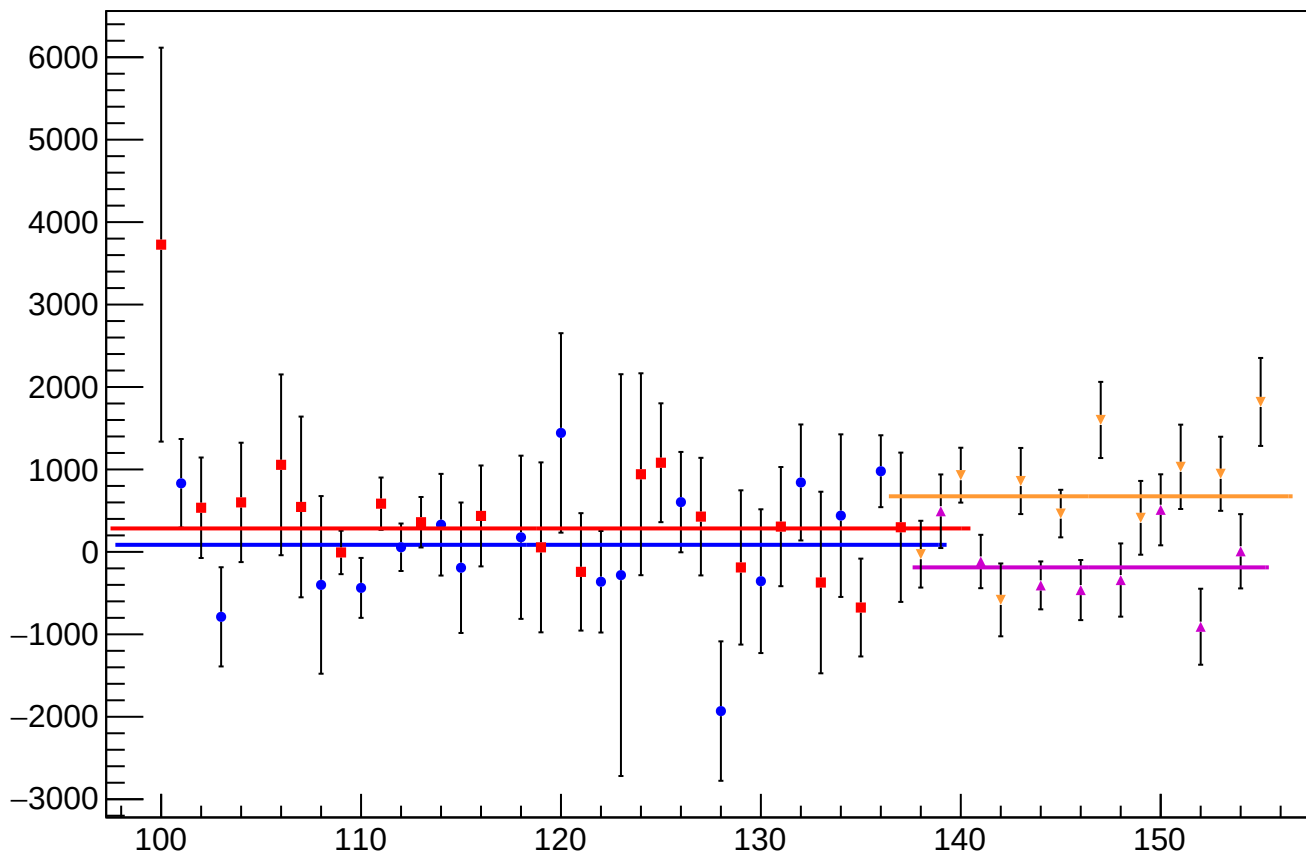
Left In: 340.443+/-0.095 χ^2/NDF : 437082.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.825+/-0.066 χ^2/NDF : 1104841.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



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

Left Out: 674.376 ± 128.607 χ^2/NDF : 22.2/9

Right Out: 284.456 ± 129.599 χ^2/NDF : 10.6/18

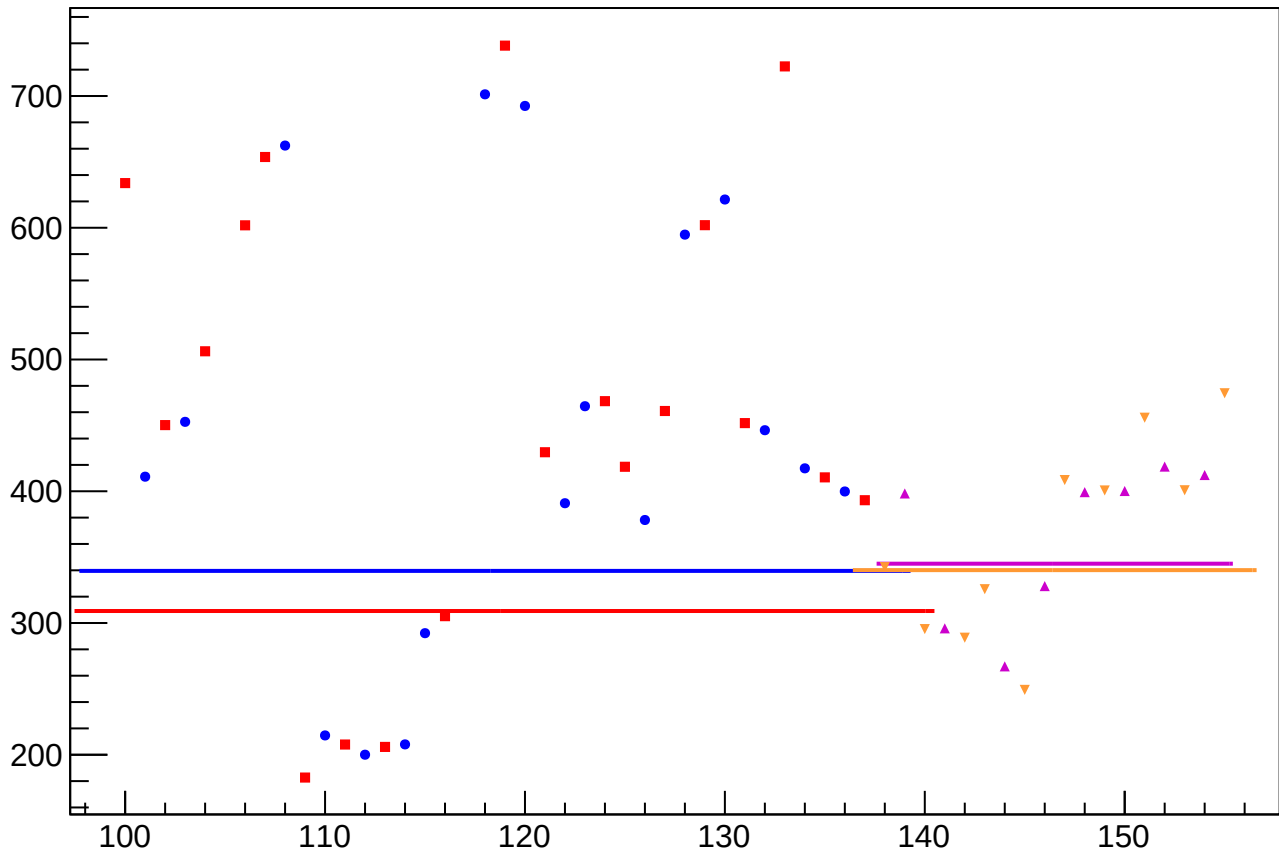
Left In: -187.832 ± 136.046 χ^2/NDF : 8.9/7

+ sign 410.381 ± 95.504 χ^2/NDF : 52.2/26

All: 231.987 ± 66.934 χ^2/NDF : 84.9/53

- sign 59.768 ± 93.837 χ^2/NDF : 25.8/26

asym_sam7_rms vs Slug



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

Left Out: 340.132 $\pm$ 0.091 χ^2 /NDF: 610204.9/9

Right Out: 309.105 $\pm$ 0.092 χ^2 /NDF: 2730308.7/18

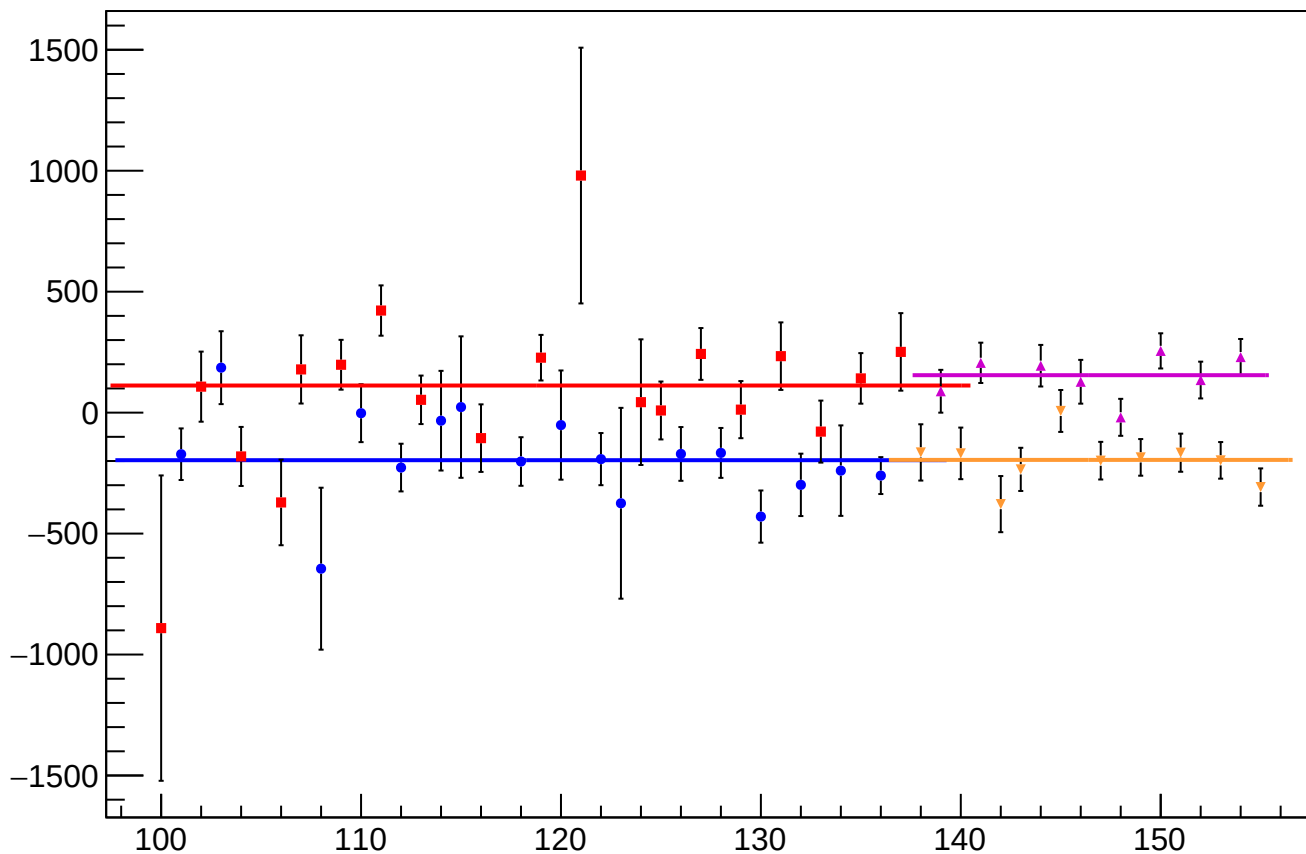
Left In: 345.023 $\pm$ 0.096 χ^2 /NDF: 381156.0/7

+ sign 339.872 $\pm$ 0.068 χ^2 /NDF: 2652467.2/26

All: 332.912 $\pm$ 0.047 χ^2 /NDF: 5857891.6/53

- sign 326.193 $\pm$ 0.066 χ^2 /NDF: 3184548.0/26

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -195.381 ± 27.337 χ^2/NDF : 10.5/9

Right Out: 112.097 ± 29.622 χ^2/NDF : 39.3/18

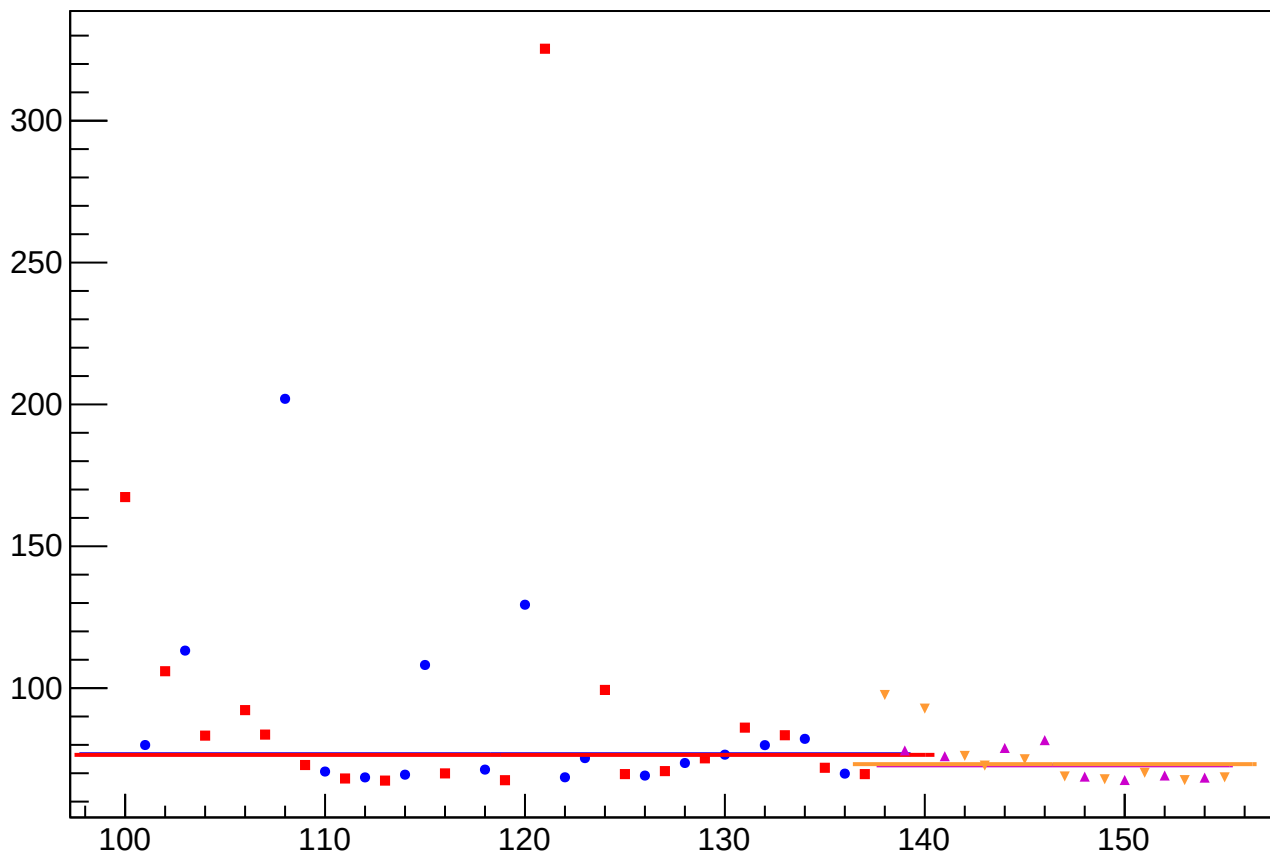
Left In: 154.791 ± 28.377 χ^2/NDF : 9.4/7

+ sign -195.926 ± 20.327 χ^2/NDF : 29.6/26

All: -32.118 ± 14.431 χ^2/NDF : 210.4/53

- sign 134.360 ± 20.492 χ^2/NDF : 49.8/26

dit_asym_sam8_rms vs Slug



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 73.204 $\pm$ 0.019 χ^2 /NDF: 194736.8/9

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

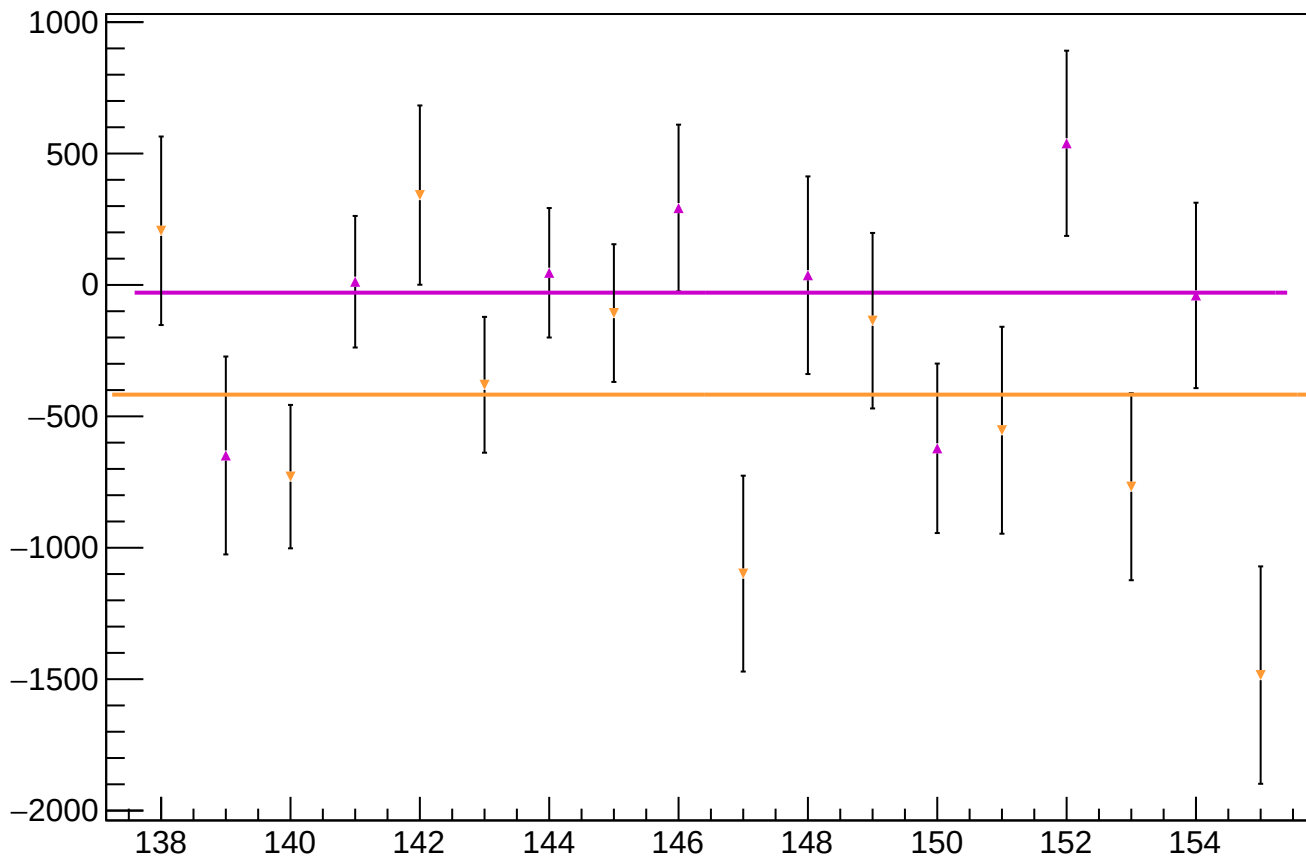
Left In: 72.785 $\pm$ 0.020 χ^2 /NDF: 66150.4/7

+ sign 74.763 $\pm$ 0.014 χ^2 /NDF: 809646.8/26

All: 74.659 $\pm$ 0.010 χ^2 /NDF: 1591484.1/53

- sign 74.553 $\pm$ 0.014 χ^2 /NDF: 781730.7/26

asym_sam8_correction_mean vs Slug



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

Left Out: -417.315 $\pm$ 102.217 χ^2 /NDF:22.5/9

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

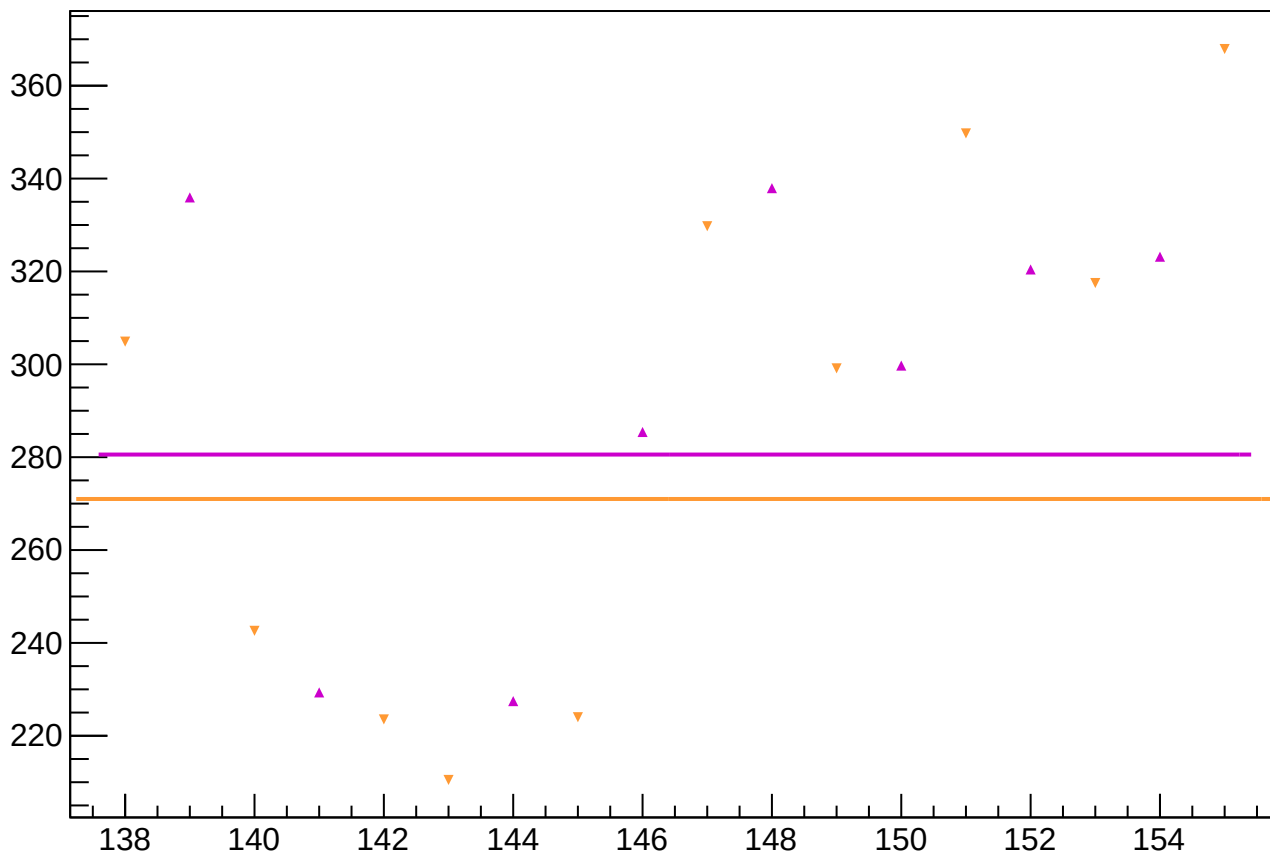
Left In: -29.353 $\pm$ 110.295 χ^2 /NDF:9.9/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -238.060 $\pm$ 74.972 χ^2 /NDF: 39.0/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_correction_rms vs Slug



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

Left Out: 270.998+/-0.072 χ^2/NDF : 540094.5/9

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

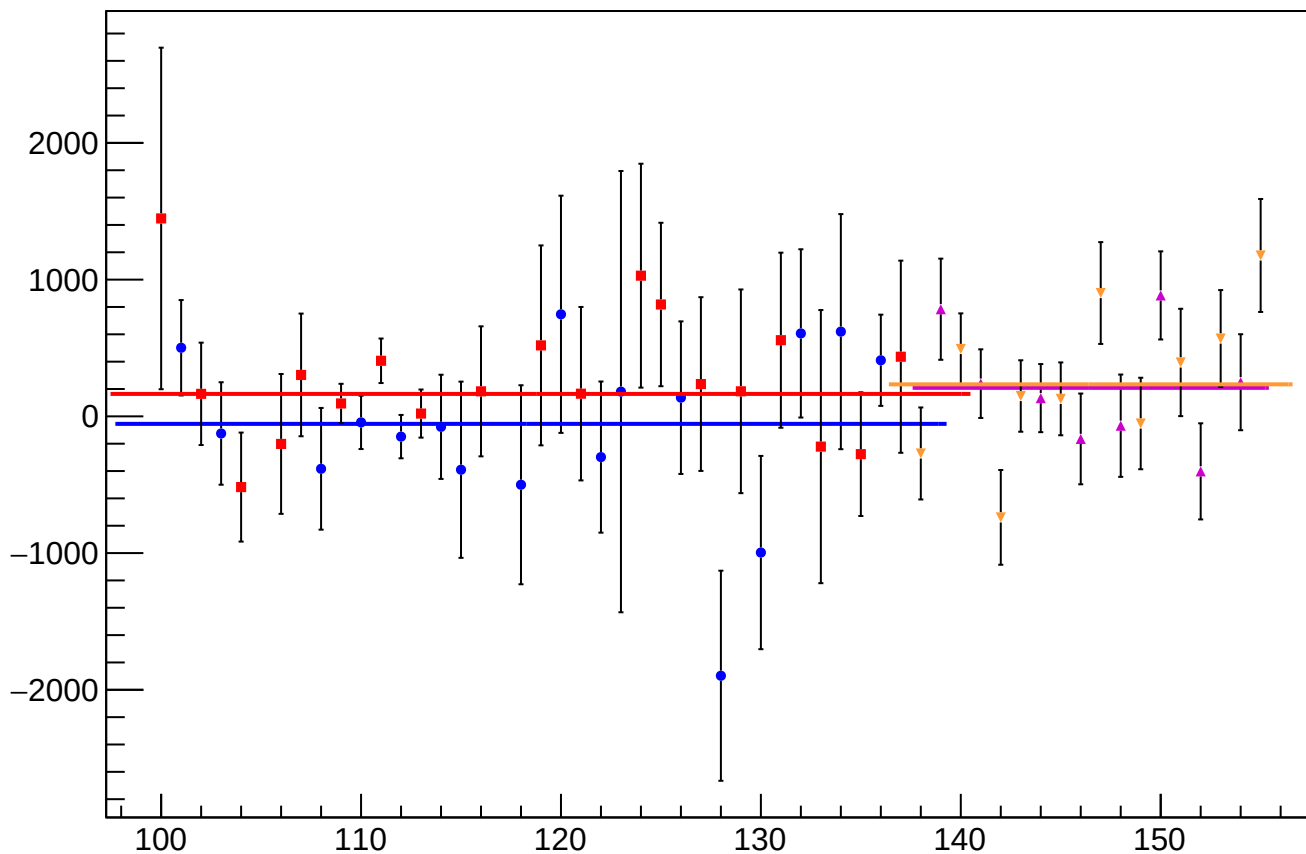
Left In: 280.566+/-0.078 χ^2/NDF : 328810.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.418+/-0.053 χ^2/NDF : 877002.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



Right In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Left Out: 234.082 ± 101.465 χ^2/NDF : 21.6/9

Right Out: 164.141 ± 76.903 χ^2/NDF : 11.9/18

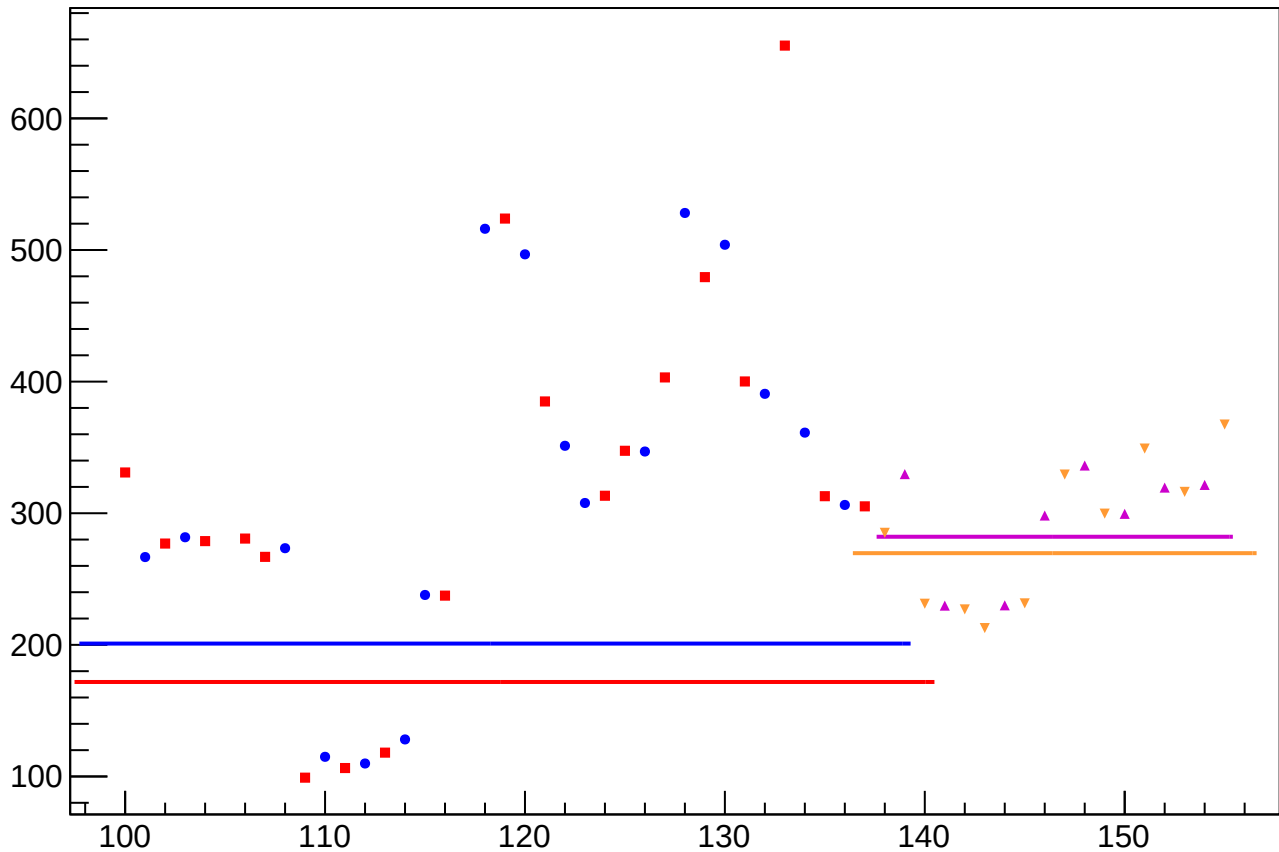
Left In: 208.592 ± 110.862 χ^2/NDF : 11.8/7

+ sign 72.892 ± 67.478 χ^2/NDF : 42.7/26

All: 129.203 ± 46.123 χ^2/NDF : 67.8/53

- sign 178.582 ± 63.188 χ^2/NDF : 23.8/26

asym_sam8_rms vs Slug



Right In: 200.971+/-0.064 χ^2/NDF : 3436154.0/16

Left Out: 269.665+/-0.072 χ^2/NDF : 510143.2/9

Right Out: 171.794+/-0.054 χ^2/NDF : 4092634.7/18

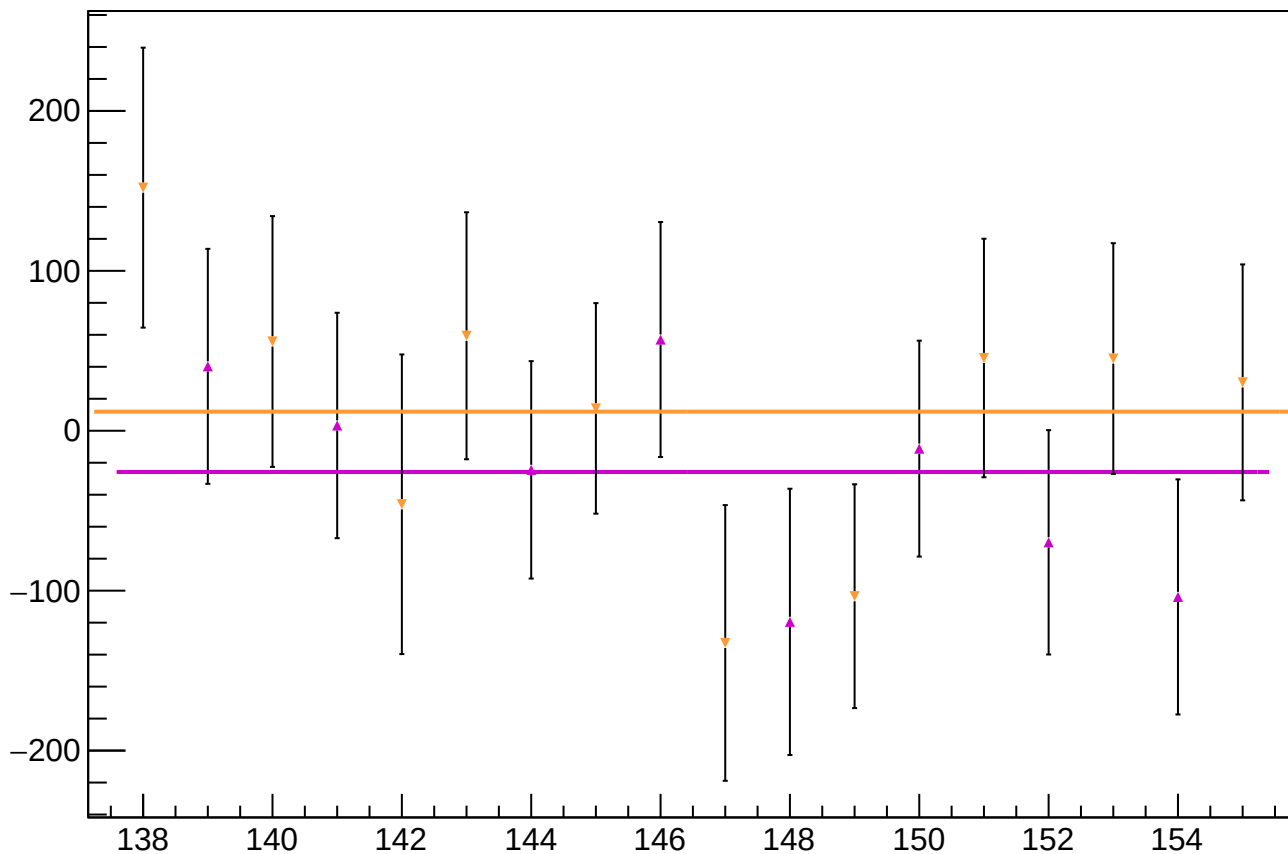
Left In: 282.140+/-0.078 χ^2/NDF : 307750.2/7

+ sign 231.353+/-0.048 χ^2/NDF : 4457578.7/26

All: 218.720+/-0.033 χ^2/NDF : 10327244.6/53

- sign 207.642+/-0.045 χ^2/NDF : 5738096.0/26

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 11.945 $\pm$ 24.255 χ^2 /NDF:9.6/9

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

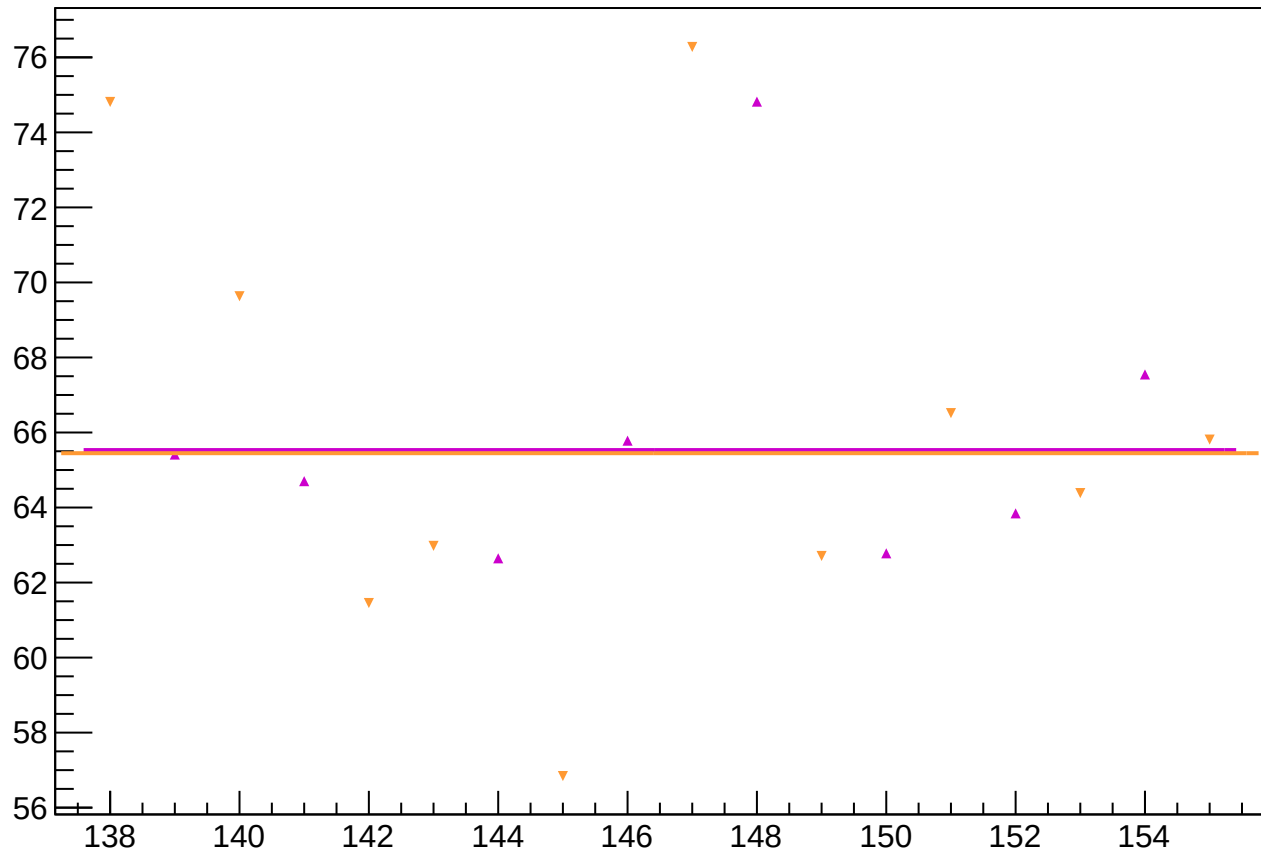
Left In: -25.780 $\pm$ 25.482 χ^2 /NDF:5.1/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.987 $\pm$ 17.569 χ^2 /NDF: 15.9/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.448+/-0.017 χ^2/NDF : 103940.4/9

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

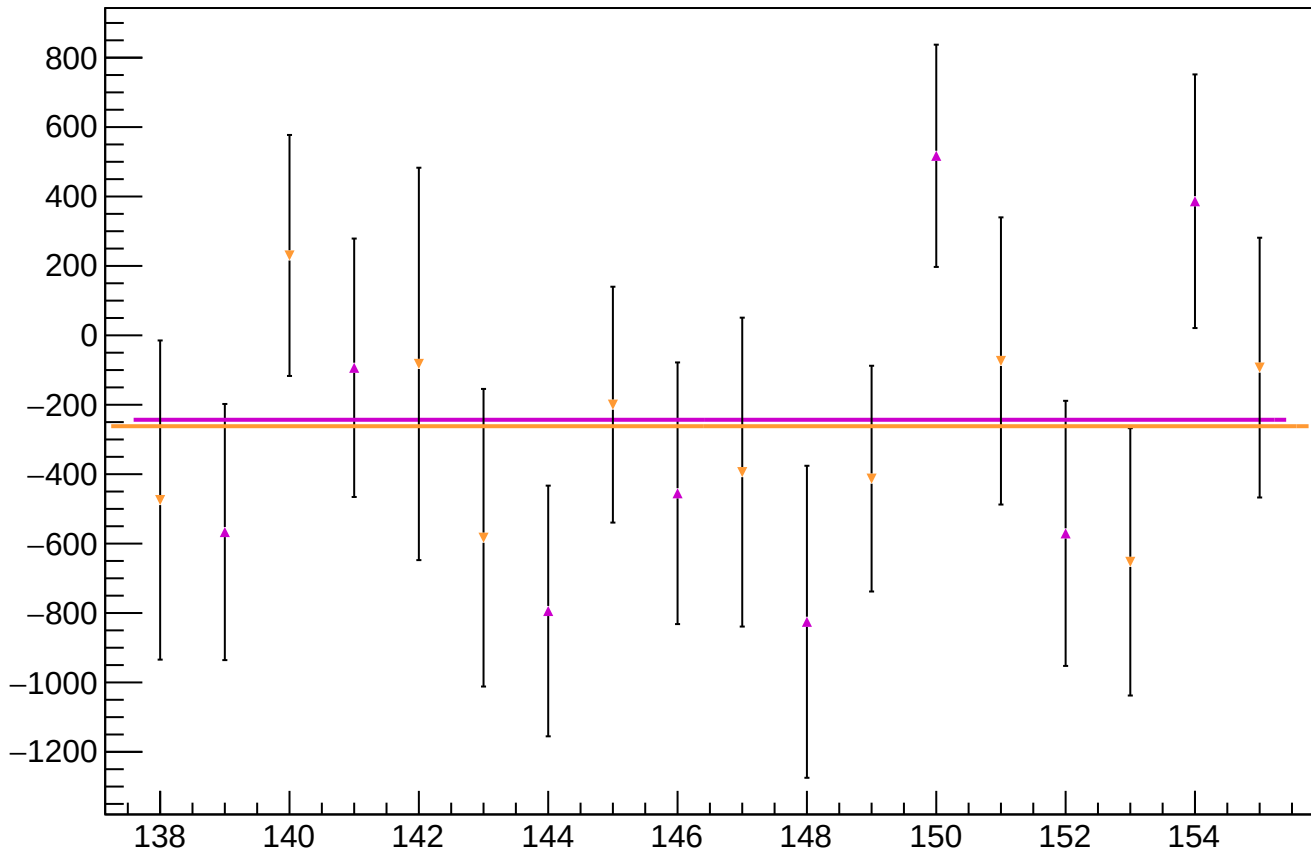
Left In: 65.532+/-0.018 χ^2/NDF : 34785.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.488+/-0.012 χ^2/NDF : 138737.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -261.788 $\pm$ 124.524 χ^2 /NDF:4.7/9

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

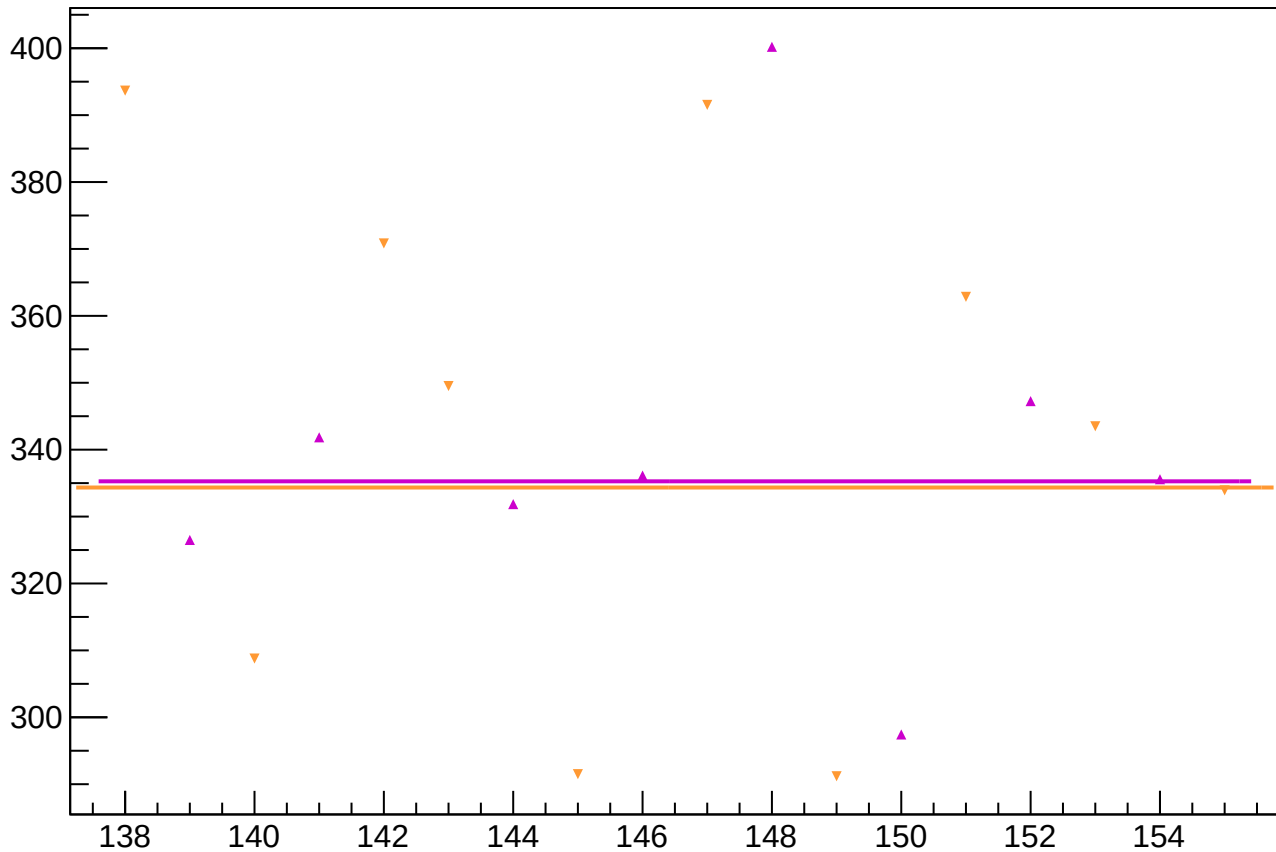
Left In: -243.241 $\pm$ 130.948 χ^2 /NDF:14.6/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -252.980 $\pm$ 90.237 χ^2 /NDF: 19.3/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_correction_rms vs Slug



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

Left Out: 334.344+/-0.088 χ^2/NDF : 165640.2/9

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

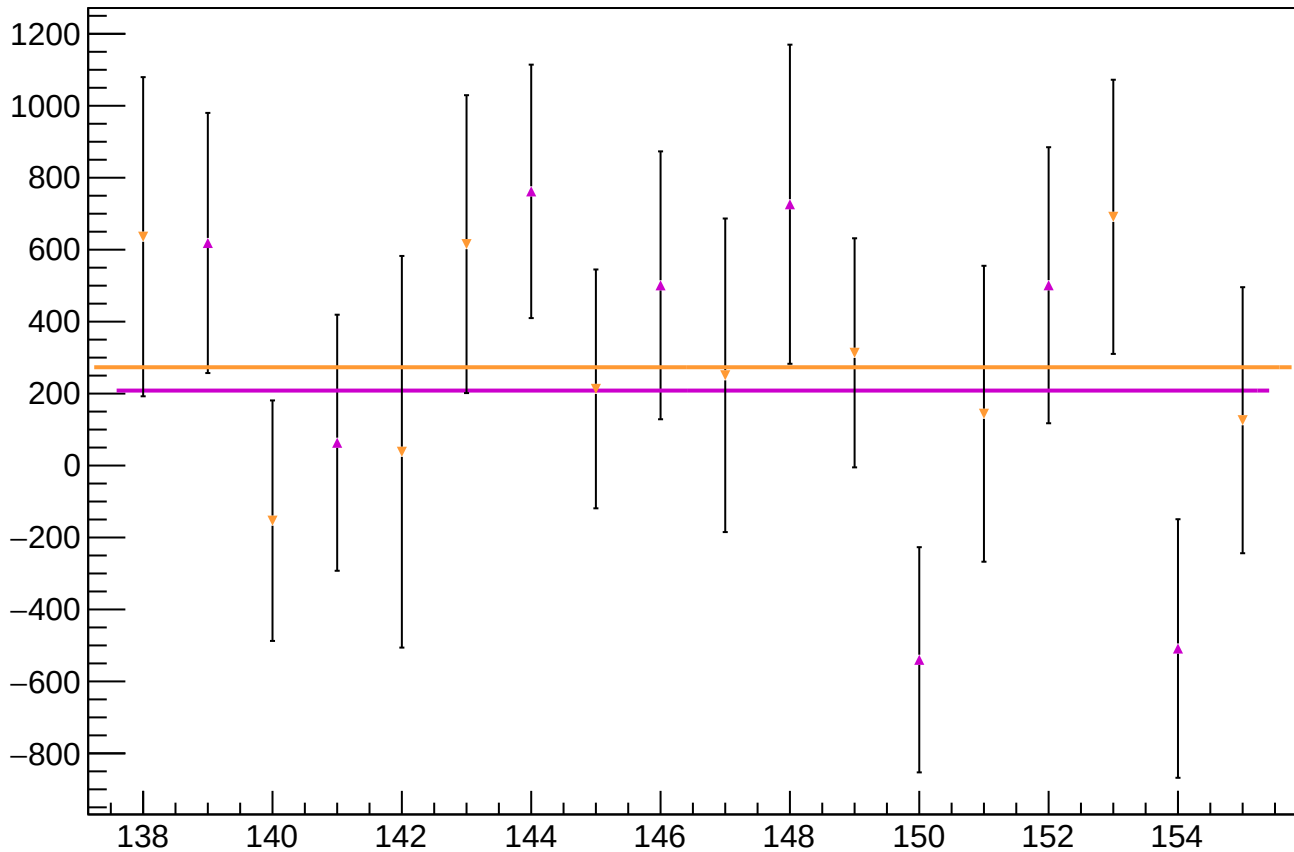
Left In: 335.270+/-0.093 χ^2/NDF : 73593.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.783+/-0.064 χ^2/NDF : 239285.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



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

Left Out: 273.224+/-121.656 χ^2/NDF : 4.7/9

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

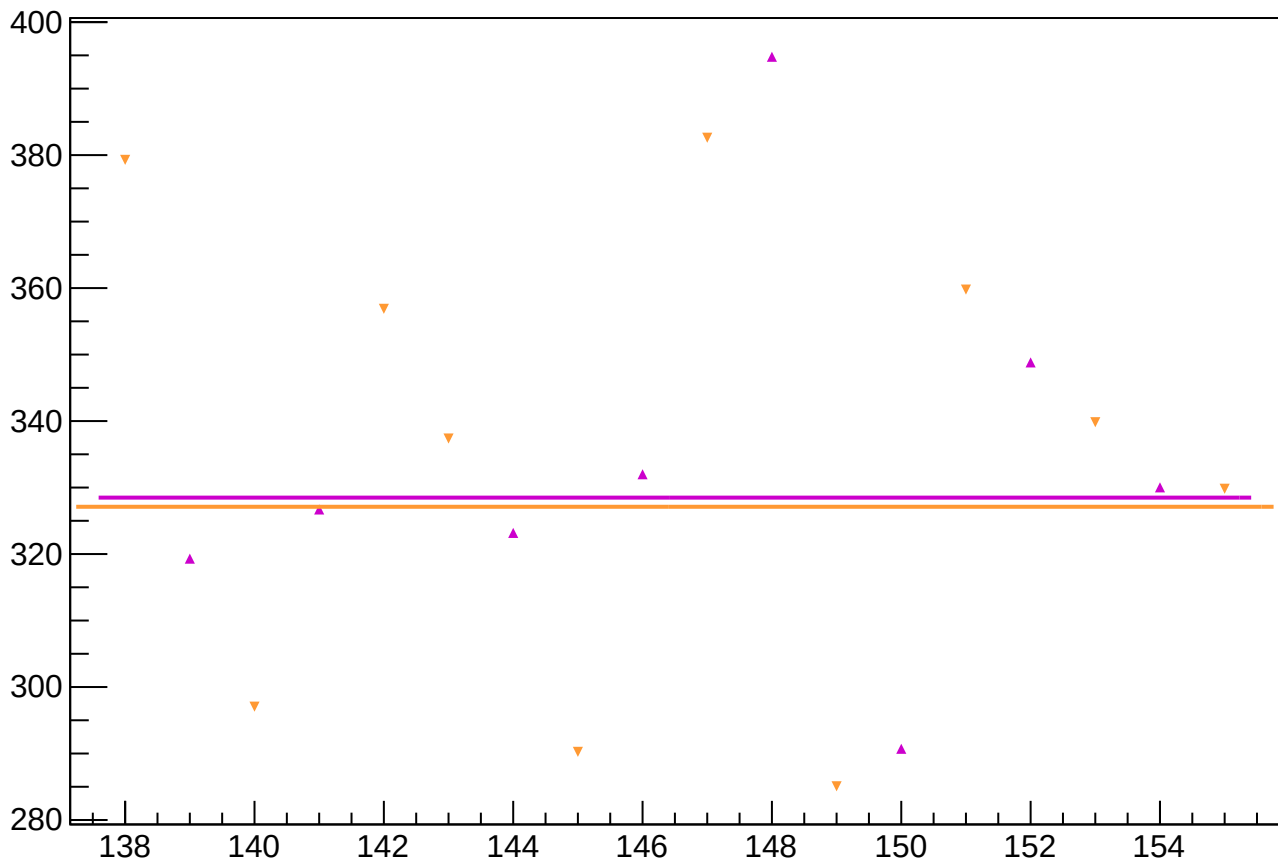
Left In: 208.387+/-128.402 χ^2/NDF : 16.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.554+/-88.312 χ^2/NDF : 21.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_rms vs Slug



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

Left Out: 327.110+/-0.086 χ^2/NDF :157989.7/9

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

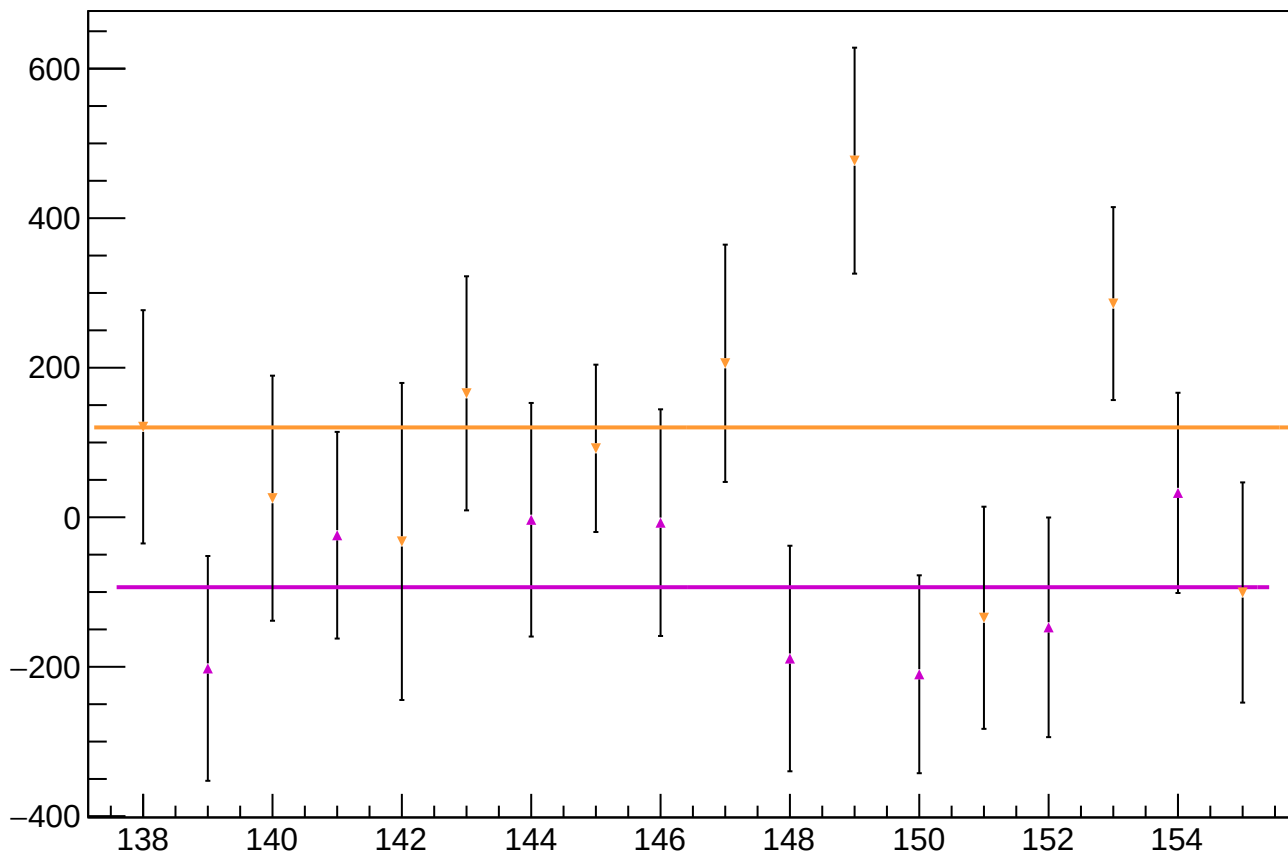
Left In: 328.486+/-0.091 χ^2/NDF :81462.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.761+/-0.062 χ^2/NDF : 239572.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



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

Left Out: 120.172+/-46.816 χ^2/NDF :13.7/9

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

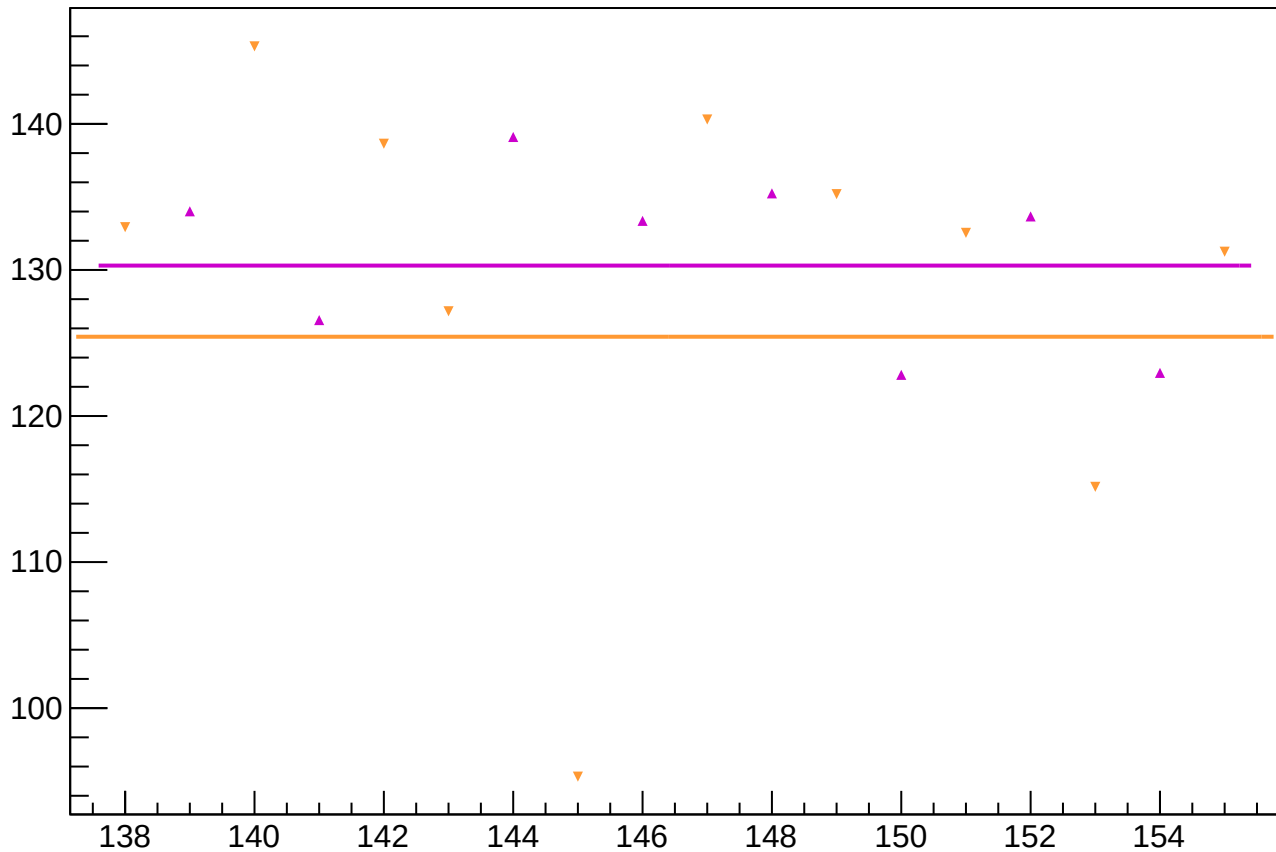
Left In: -93.540+/-51.011 χ^2/NDF :3.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.462+/-34.492 χ^2/NDF : 26.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 125.428+/-0.033 χ^2/NDF : 233275.2/9

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

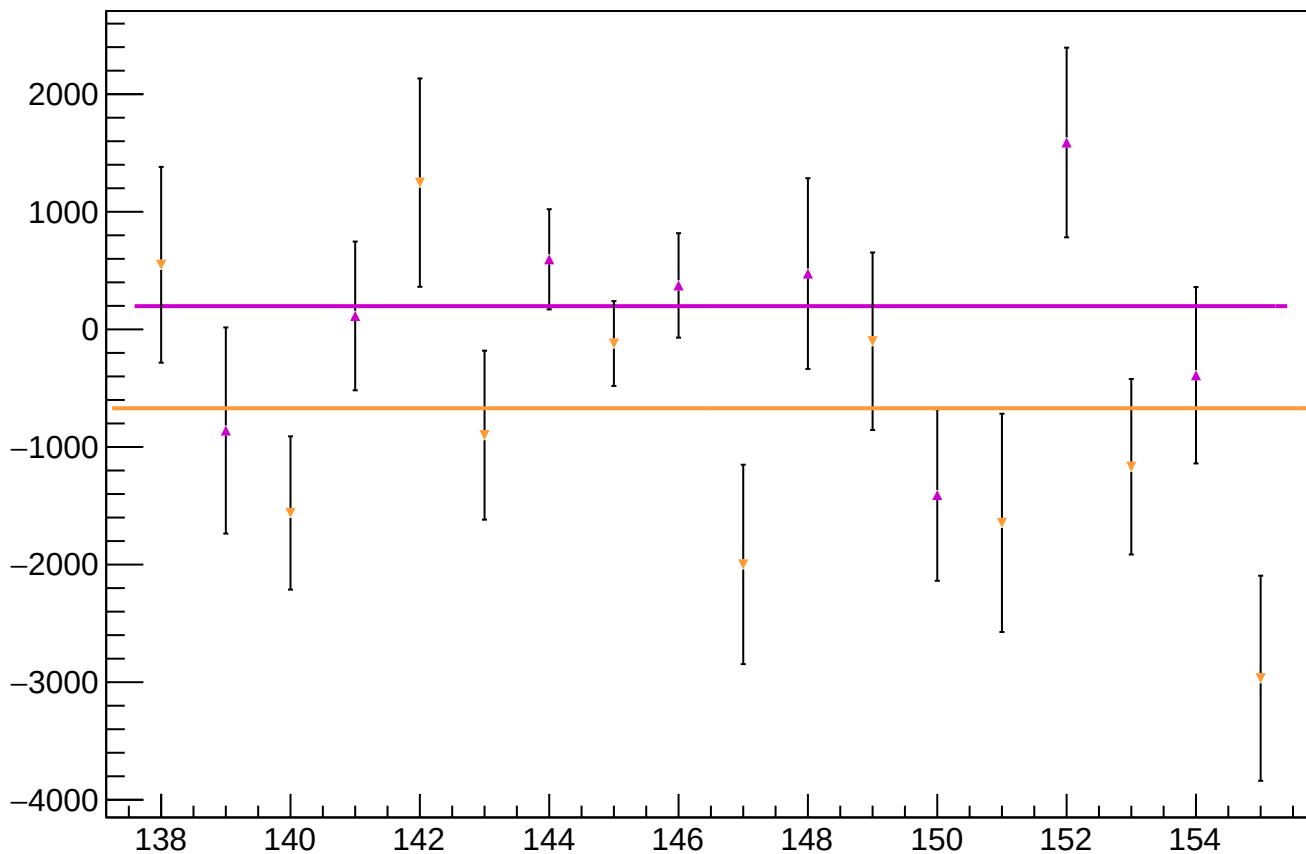
Left In: 130.300+/-0.036 χ^2/NDF : 25460.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.655+/-0.024 χ^2/NDF : 268635.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_mean vs Slug



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

Left Out: -670.570+/-212.653 χ^2/NDF :22.6/9

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

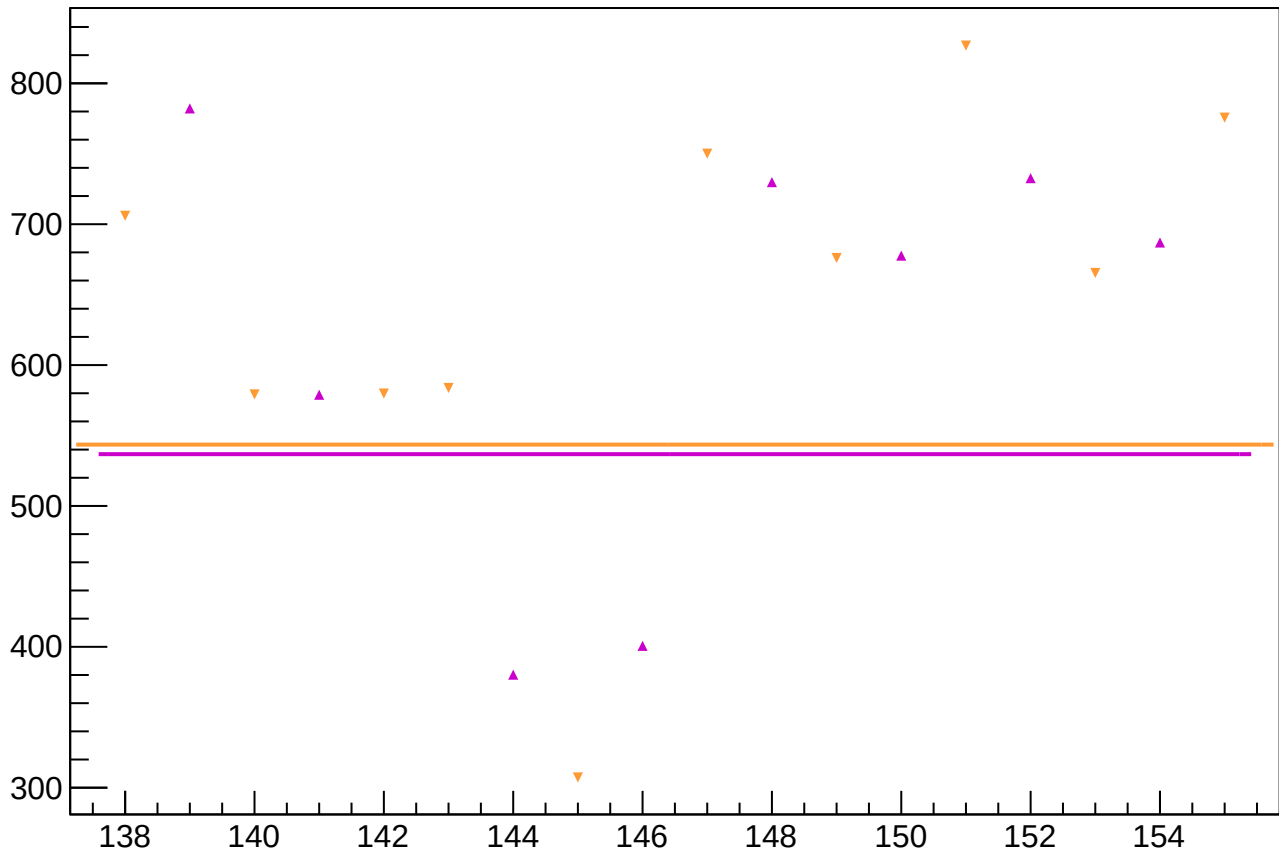
Left In: 197.608+/-217.708 χ^2/NDF :11.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.678+/-152.124 χ^2/NDF : 41.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_correction_rms vs Slug



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

Left Out: 543.538+/-0.150 χ^2/NDF :1511272.1/9

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

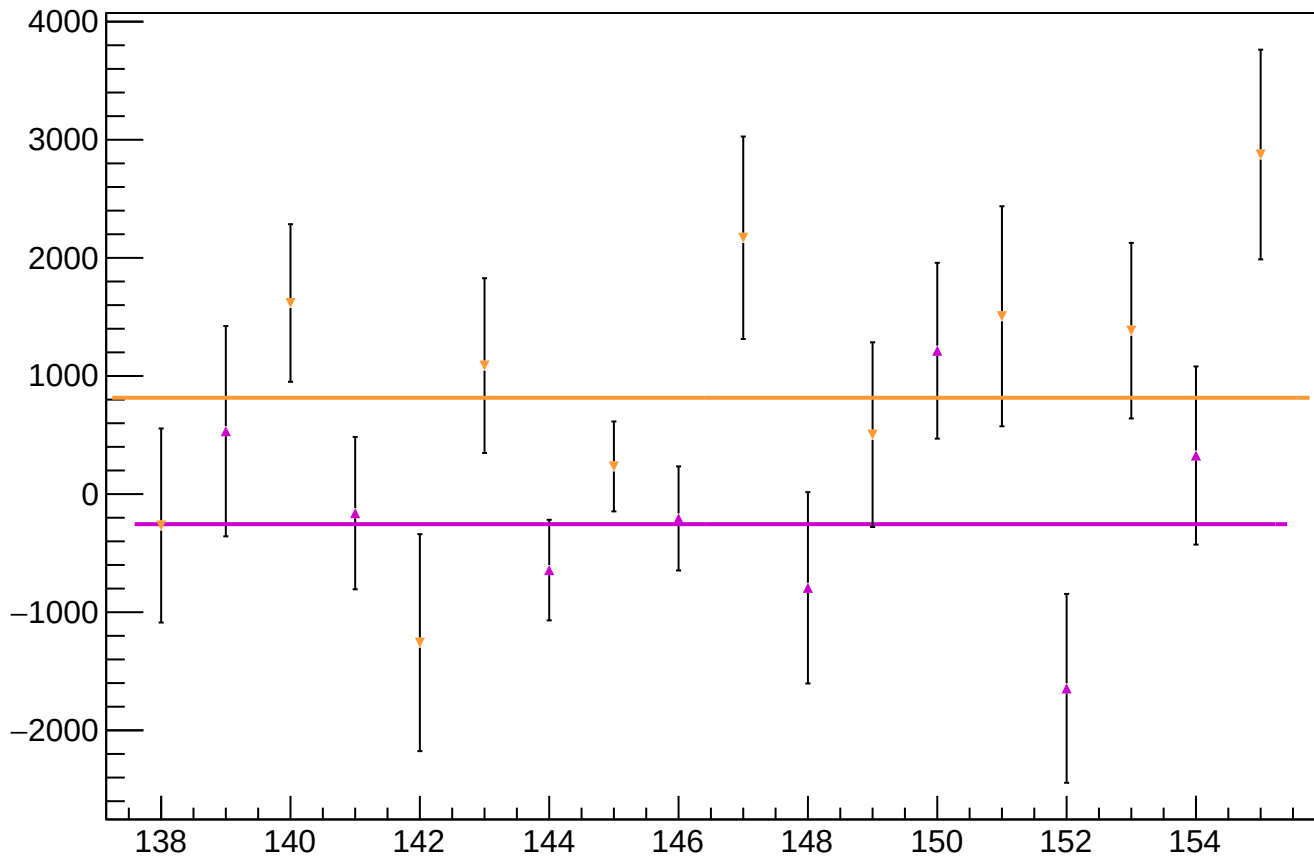
Left In: 536.765+/-0.154 χ^2/NDF :1009924.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.231+/-0.108 χ^2/NDF : 2522187.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_mean vs Slug



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

Left Out: 815.651+/-218.933 χ^2/NDF :19.9/9

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

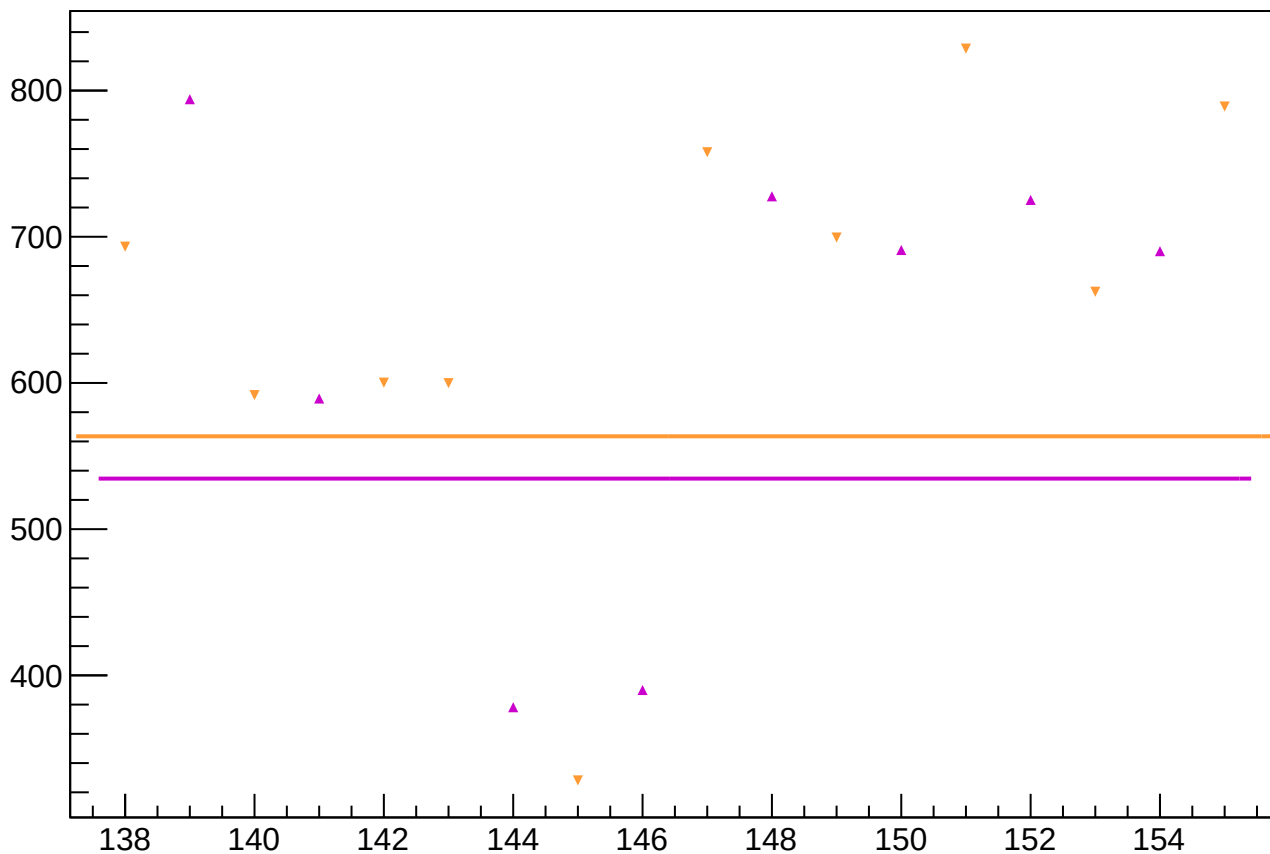
Left In: -254.624+/-218.310 χ^2/NDF :9.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.989+/-154.588 χ^2/NDF : 41.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_rms vs Slug



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

Left Out: 563.510+/-0.155 χ^2/NDF :1315297.6/9

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

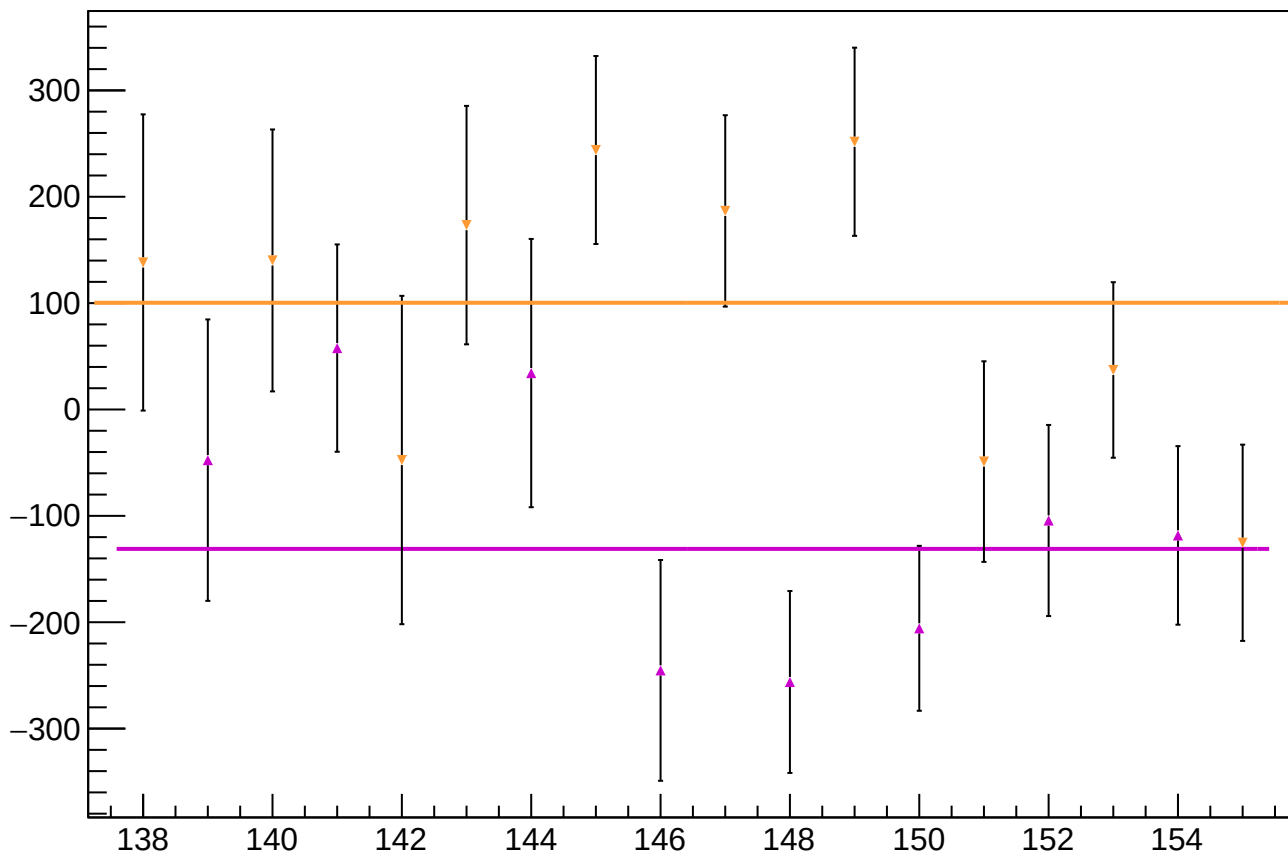
Left In: 534.582+/-0.154 χ^2/NDF :1070063.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.004+/-0.109 χ^2/NDF : 2402869.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug



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

Left Out: 100.343+/-31.698 χ^2/NDF : 17.1/9

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

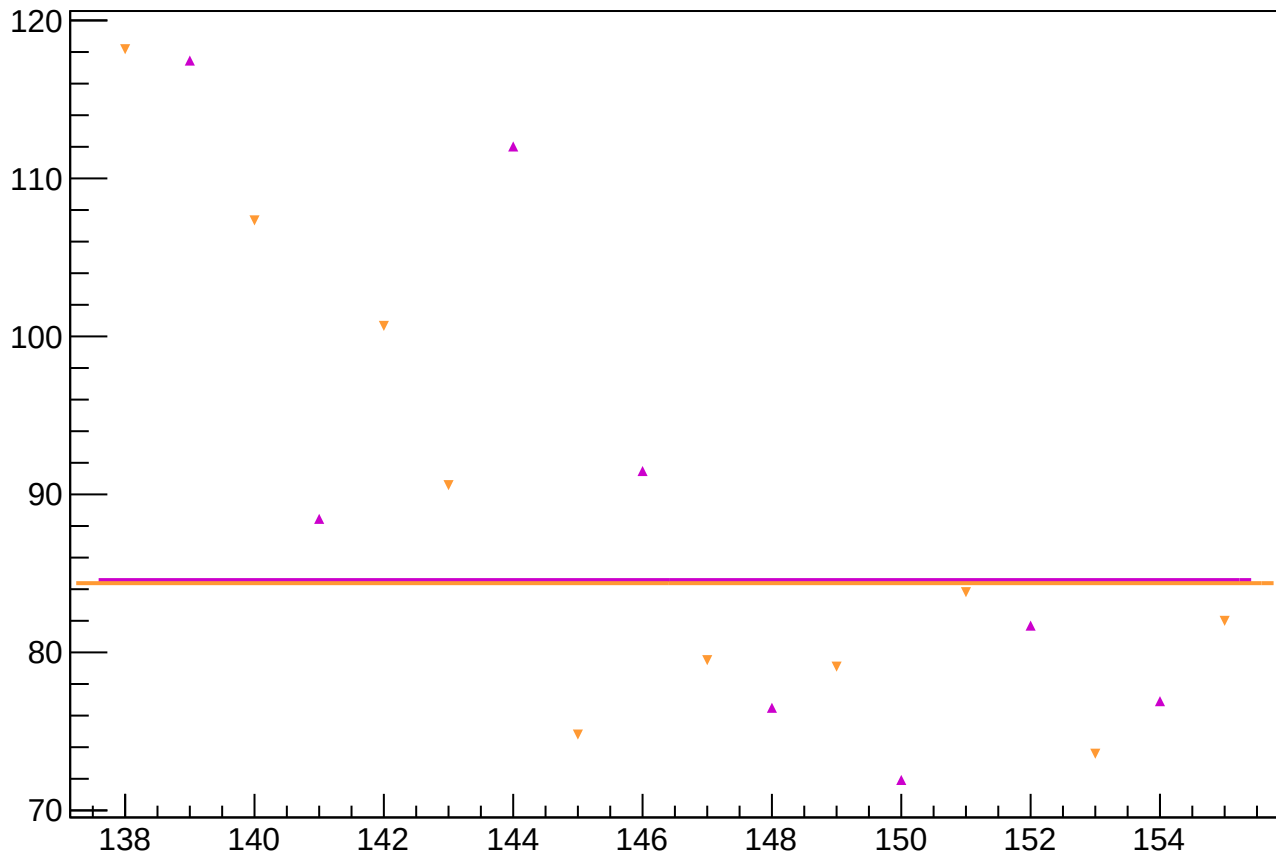
Left In: -131.058+/-33.576 χ^2/NDF : 10.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.704+/-23.049 χ^2/NDF : 52.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_rms vs Slug



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

Left Out: 84.382+/-0.022 χ^2/NDF : 287888.0/9

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

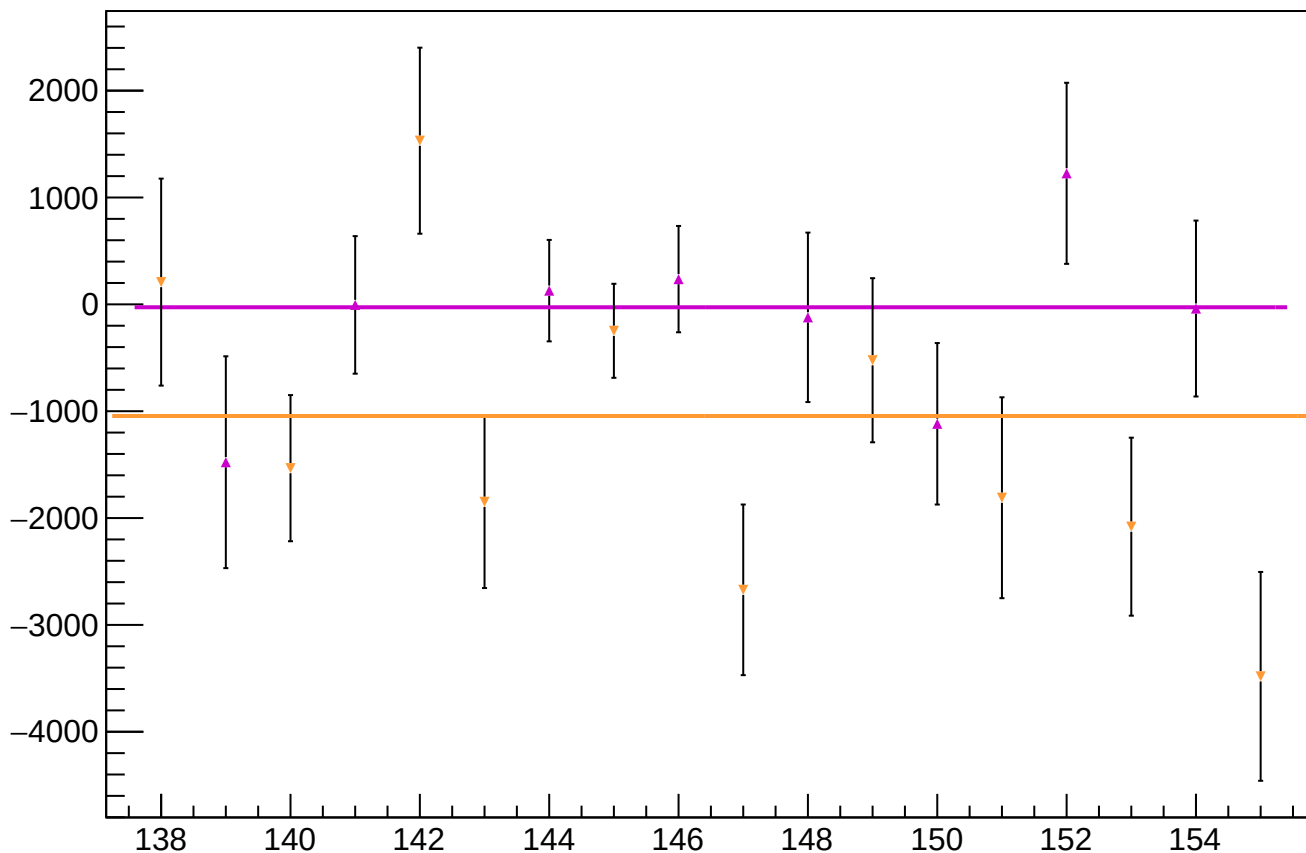
Left In: 84.576+/-0.024 χ^2/NDF : 320124.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.474+/-0.016 χ^2/NDF : 608047.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_mean vs Slug



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

Left Out: -1044.888 $\pm$ 234.980 χ^2 /NDF:28.3/9

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

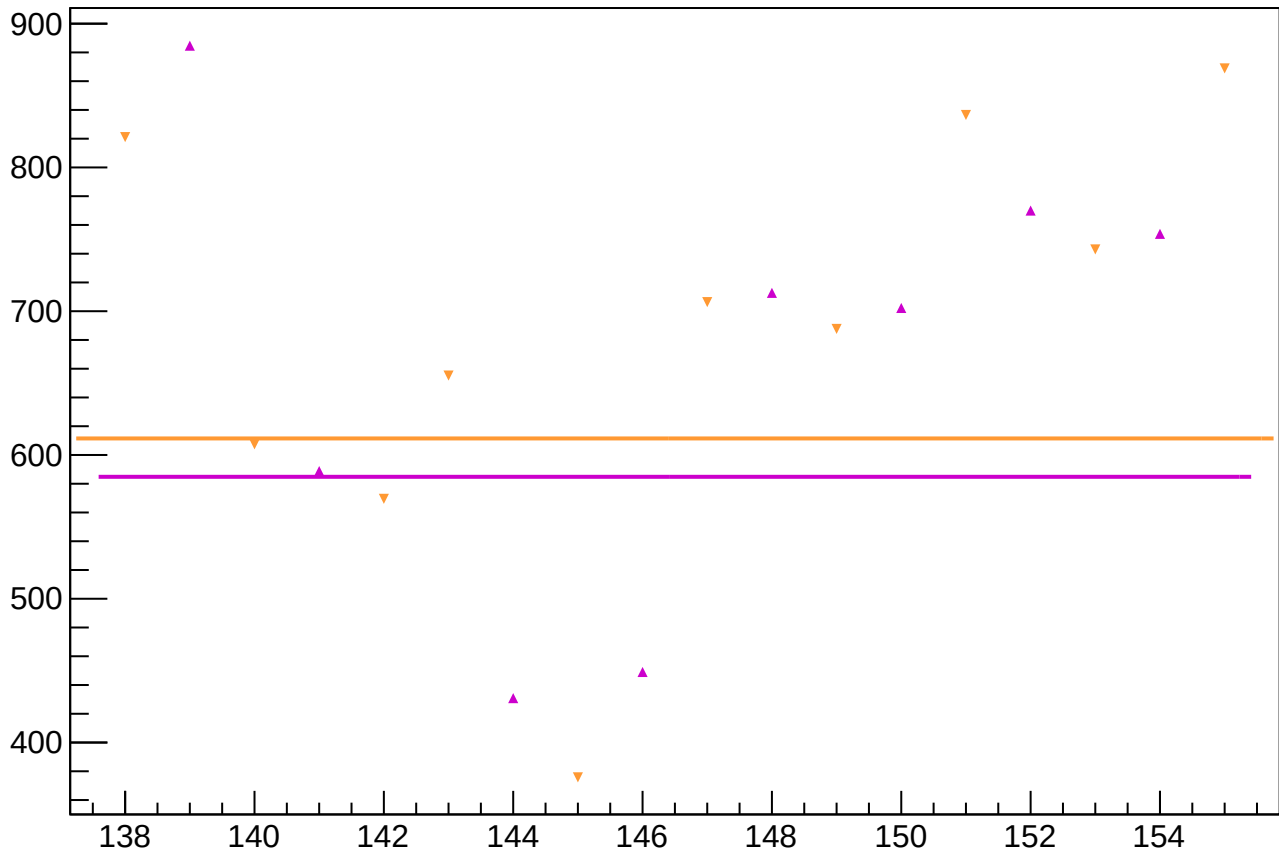
Left In: -27.248 $\pm$ 234.937 χ^2 /NDF:6.8/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -535.975 $\pm$ 166.141 χ^2 /NDF: 44.5/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_correction_rms vs Slug



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

Left Out: 611.503+/-0.166 χ^2/NDF : 1029537.6/9

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

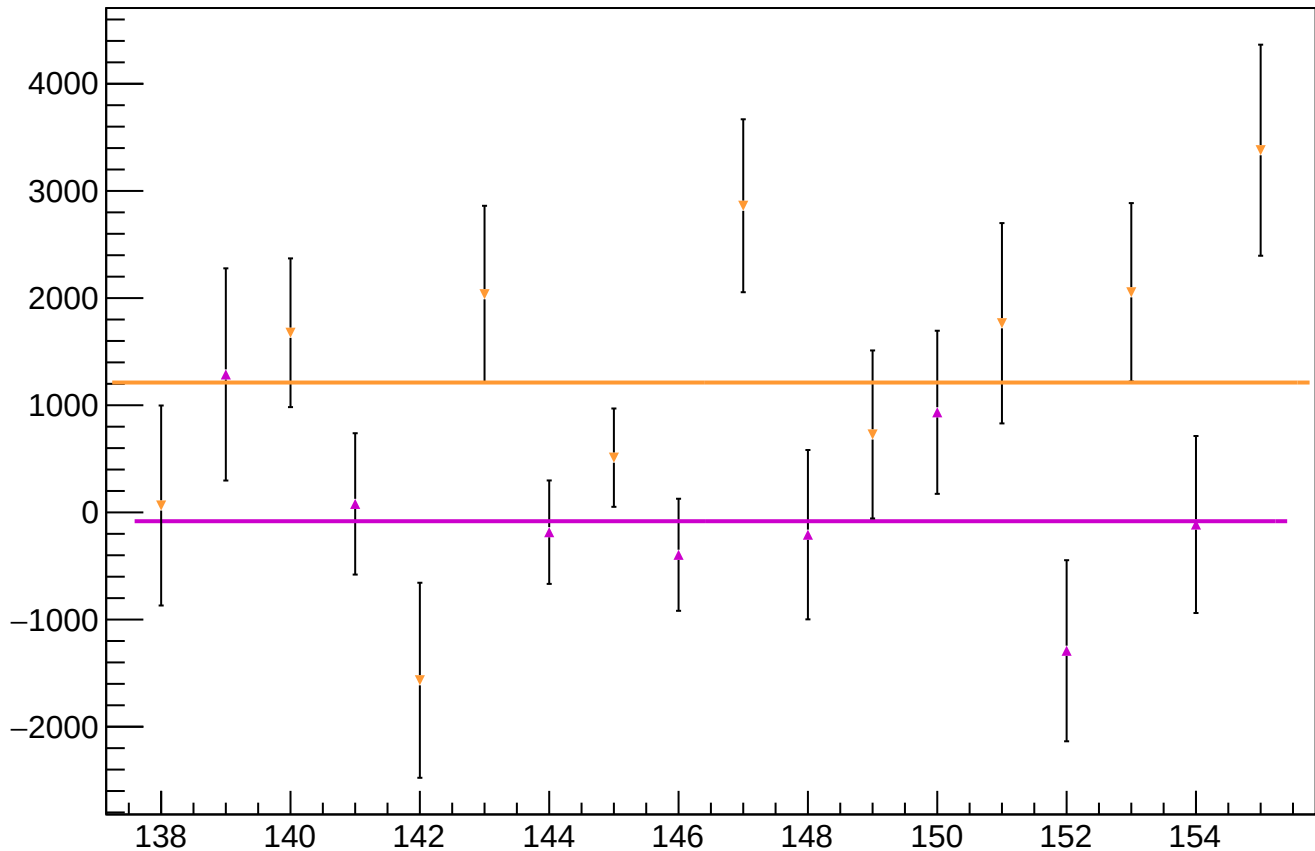
Left In: 584.821+/-0.166 χ^2/NDF : 822484.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 598.159+/-0.117 χ^2/NDF : 1864917.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_mean vs Slug



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

Left Out: 1212.029+/-239.520 χ^2/NDF : 25.4/9

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

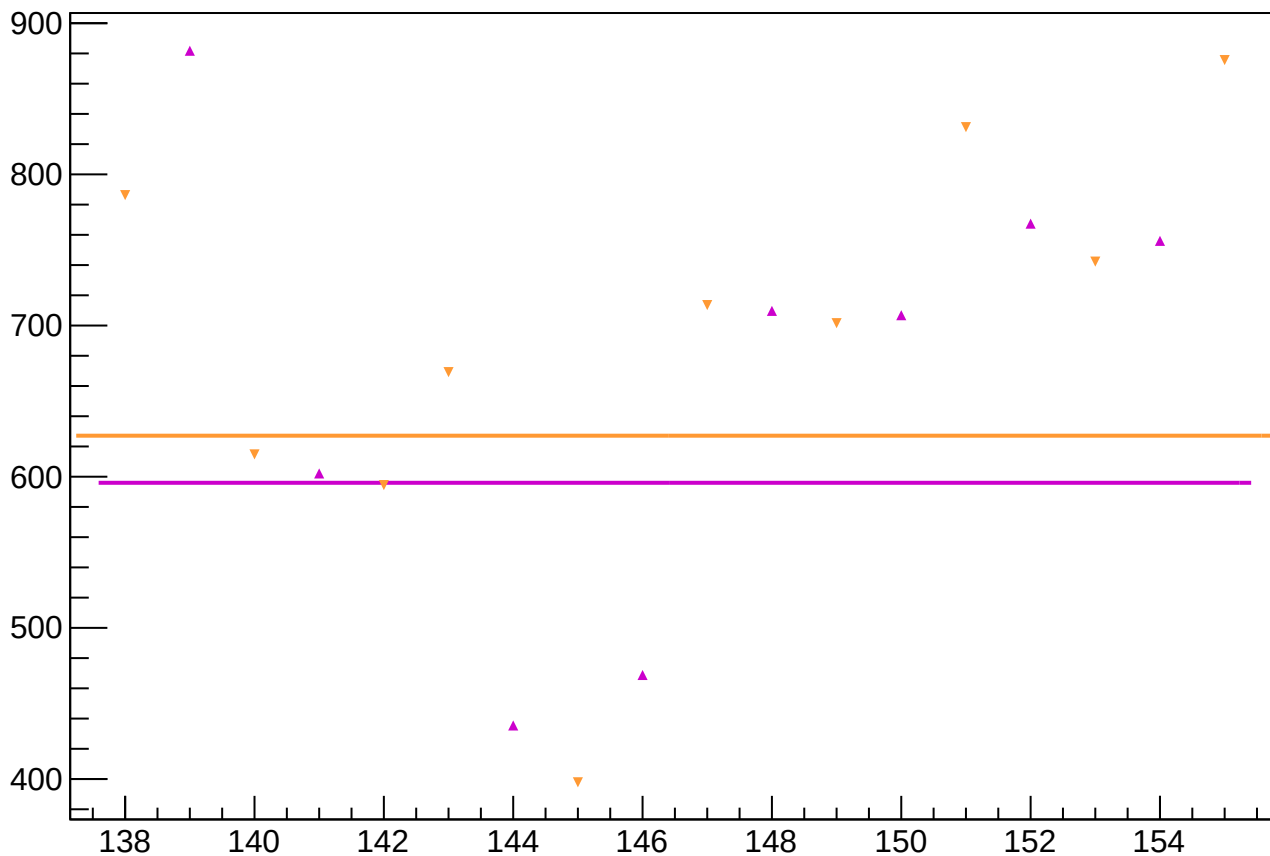
Left In: -82.211+/-239.300 χ^2/NDF : 6.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.316+/-169.288 χ^2/NDF : 46.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



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

Left Out: 627.133+/-0.169 χ^2/NDF : 867867.4/9

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

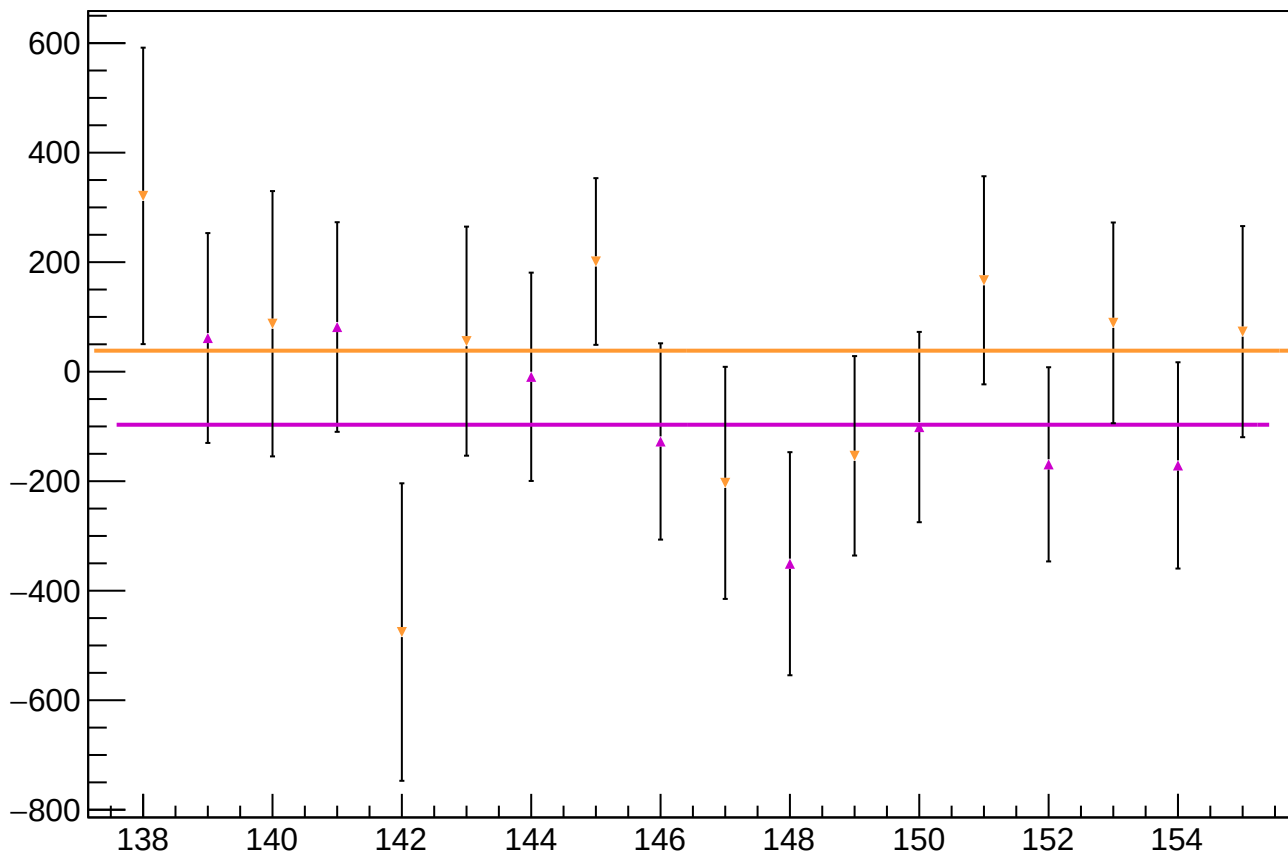
Left In: 595.975+/-0.169 χ^2/NDF : 747609.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.540+/-0.120 χ^2/NDF : 1632414.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 38.361+/-63.624 χ^2/NDF : 8.8/9

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

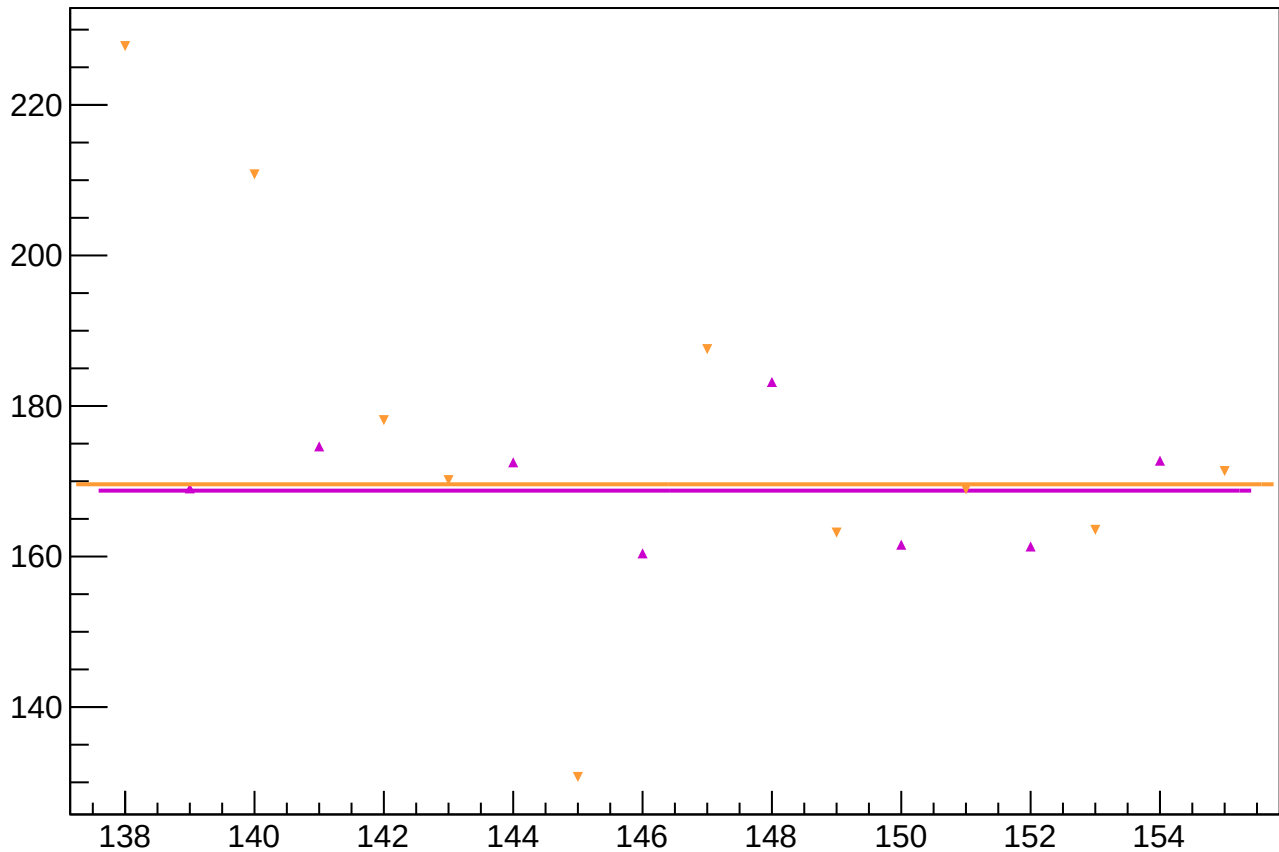
Left In: -96.883+/-65.867 χ^2/NDF : 3.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.919+/-45.761 χ^2/NDF : 14.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 169.598+/-0.045 χ^2/NDF :301995.7/9

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

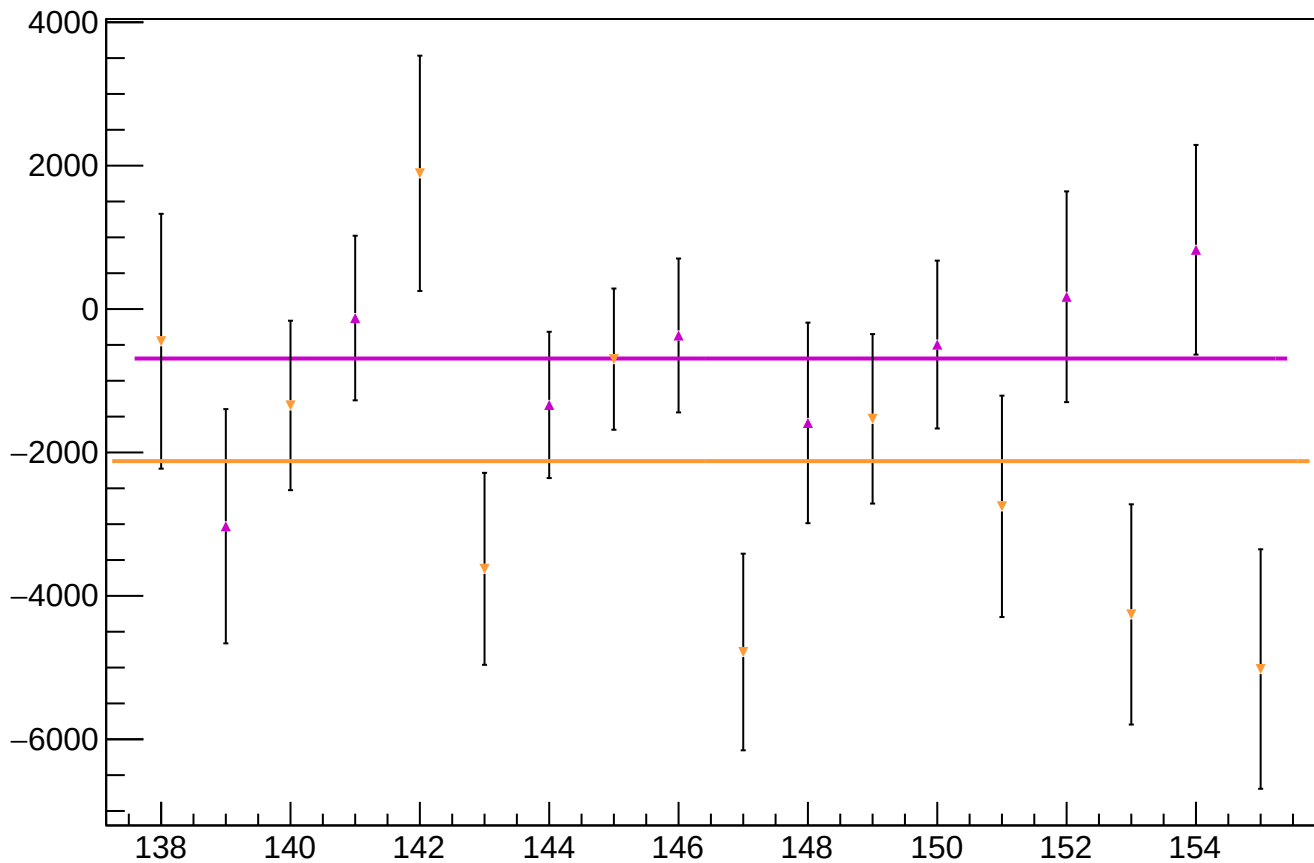
Left In: 168.755+/-0.047 χ^2/NDF :24856.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.191+/-0.032 χ^2/NDF : 327021.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_mean vs Slug



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

Left Out: -2120.707+/-428.601 χ^2/NDF : 19.8/9

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

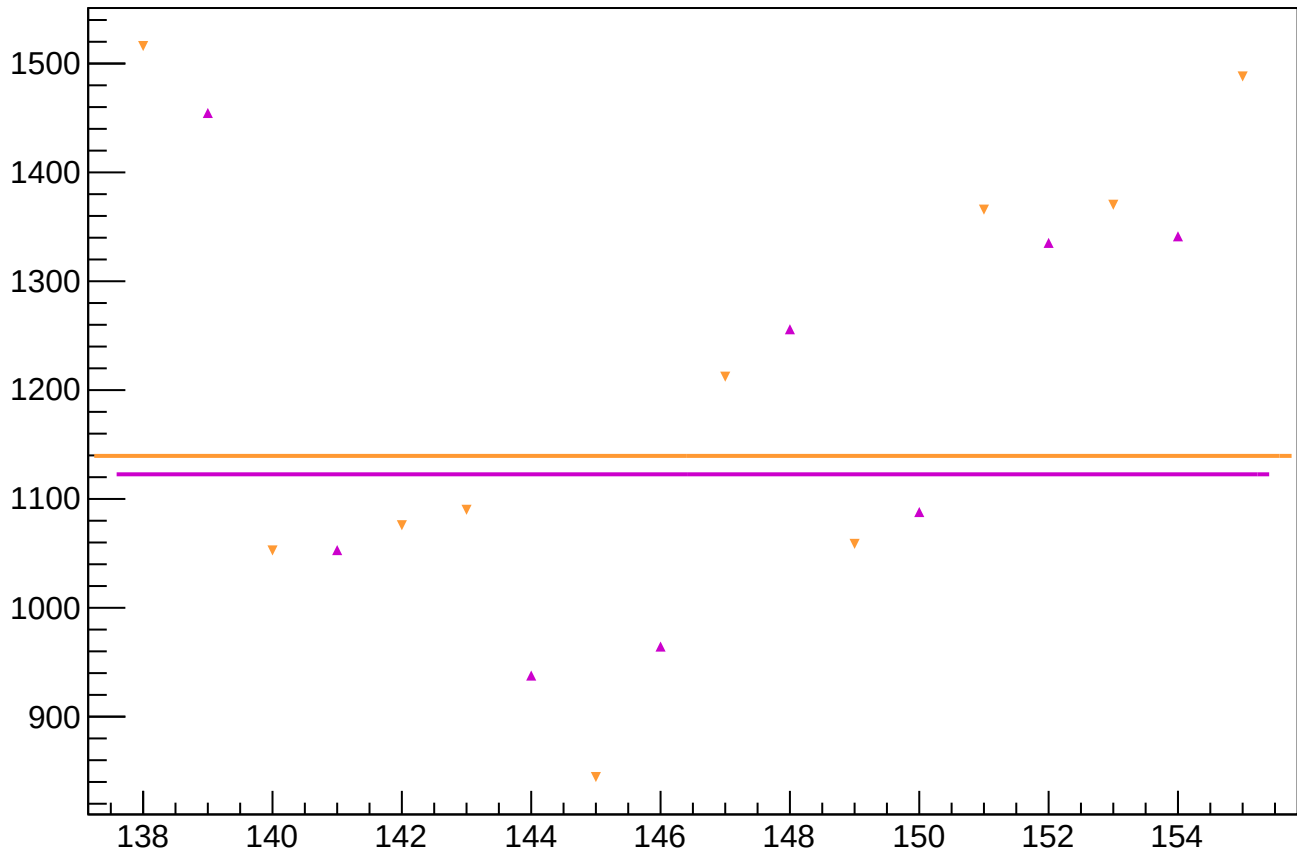
Left In: -689.817+/-441.276 χ^2/NDF : 4.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1426.107+/-307.450 χ^2/NDF : 29.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_correction_rms vs Slug



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

Left Out: 1139.558+/-0.303 χ^2/NDF : 476084.8/9

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

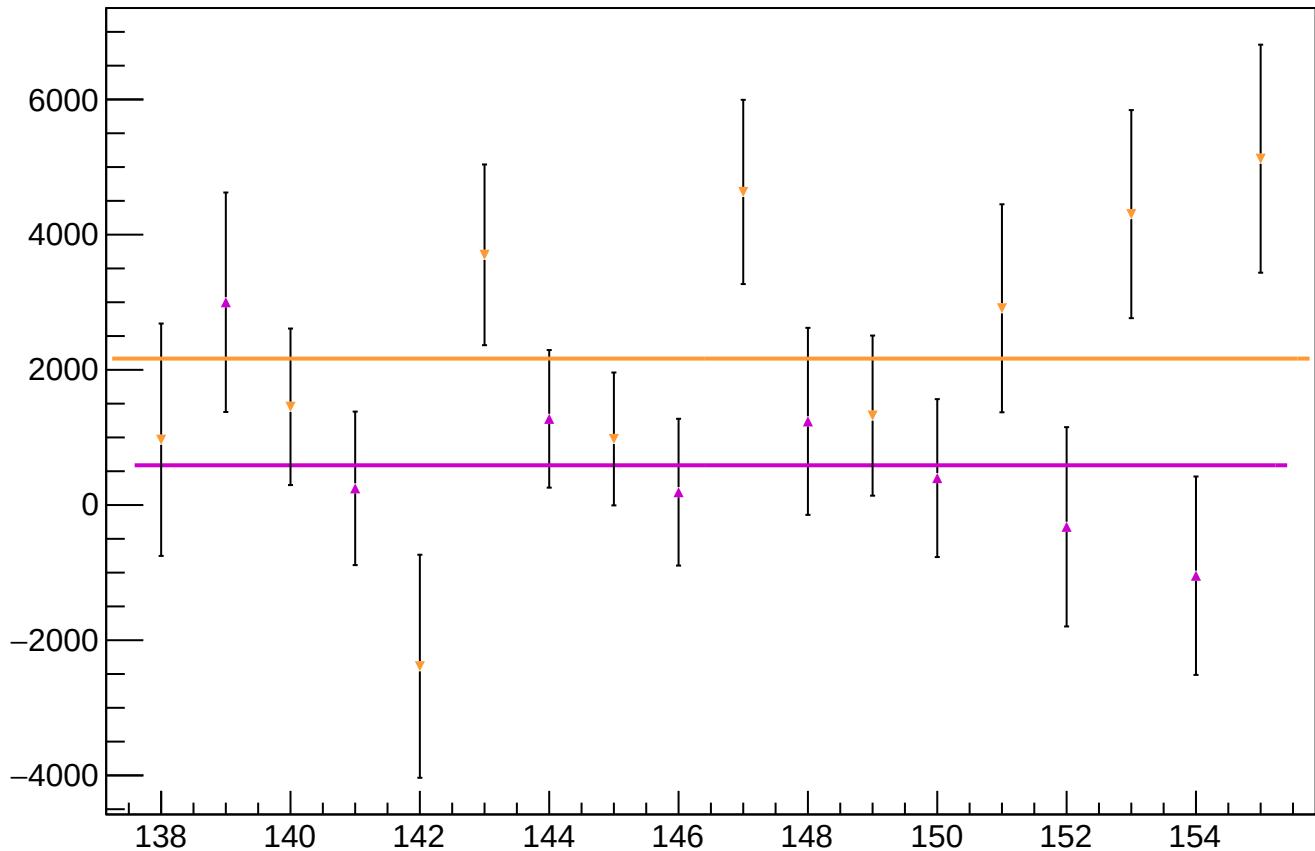
Left In: 1122.639+/-0.312 χ^2/NDF : 305648.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.345+/-0.217 χ^2/NDF : 783246.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_mean vs Slug



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

Left Out: 2166.406+/-426.645 χ^2/NDF : 20.3/9

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

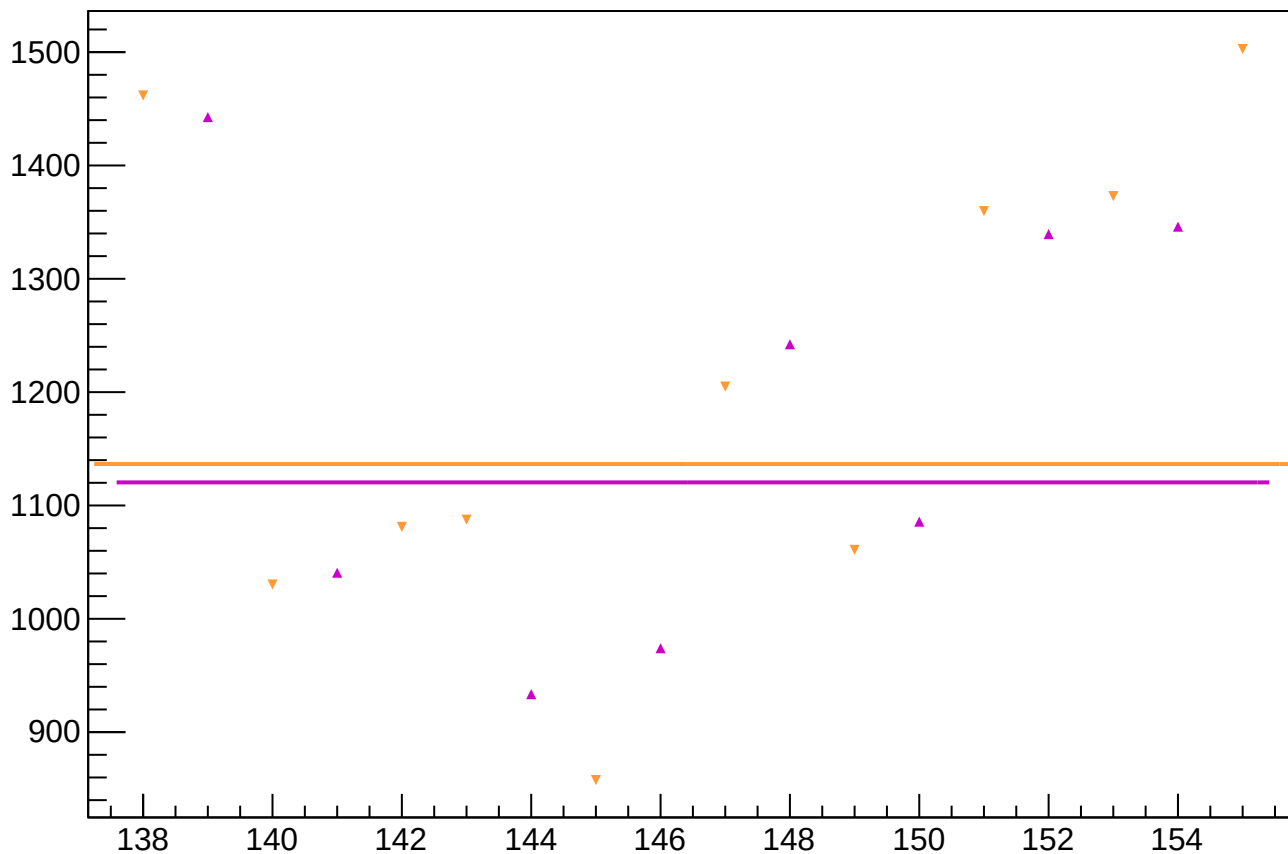
Left In: 587.964+/-440.753 χ^2/NDF : 4.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.850+/-306.550 χ^2/NDF : 31.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



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

Left Out: 1136.540+/-0.302 χ^2/NDF : 451052.8/9

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

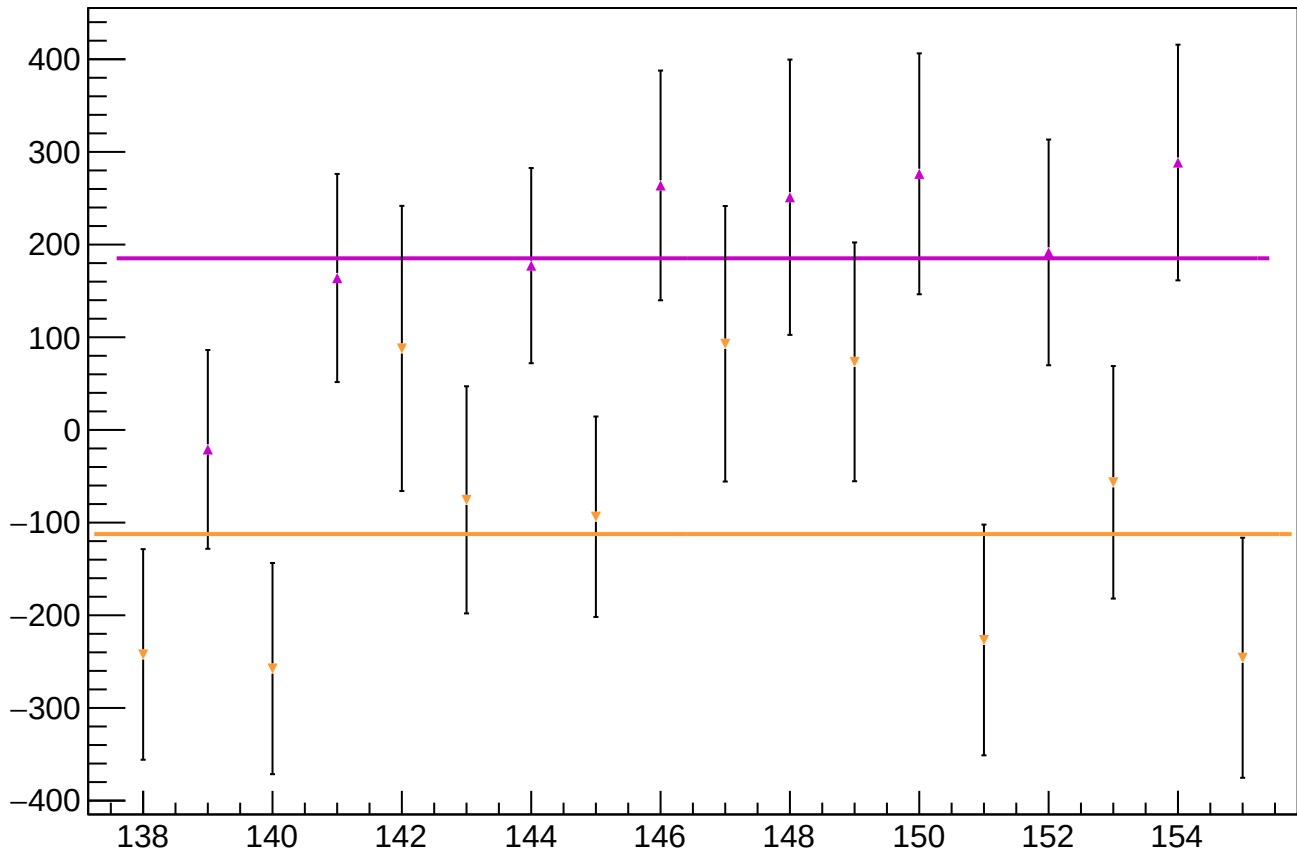
Left In: 1120.357+/-0.312 χ^2/NDF : 301106.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1128.712+/-0.217 χ^2/NDF : 753551.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -112.394+/-39.468 χ^2/NDF :10.8/9

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

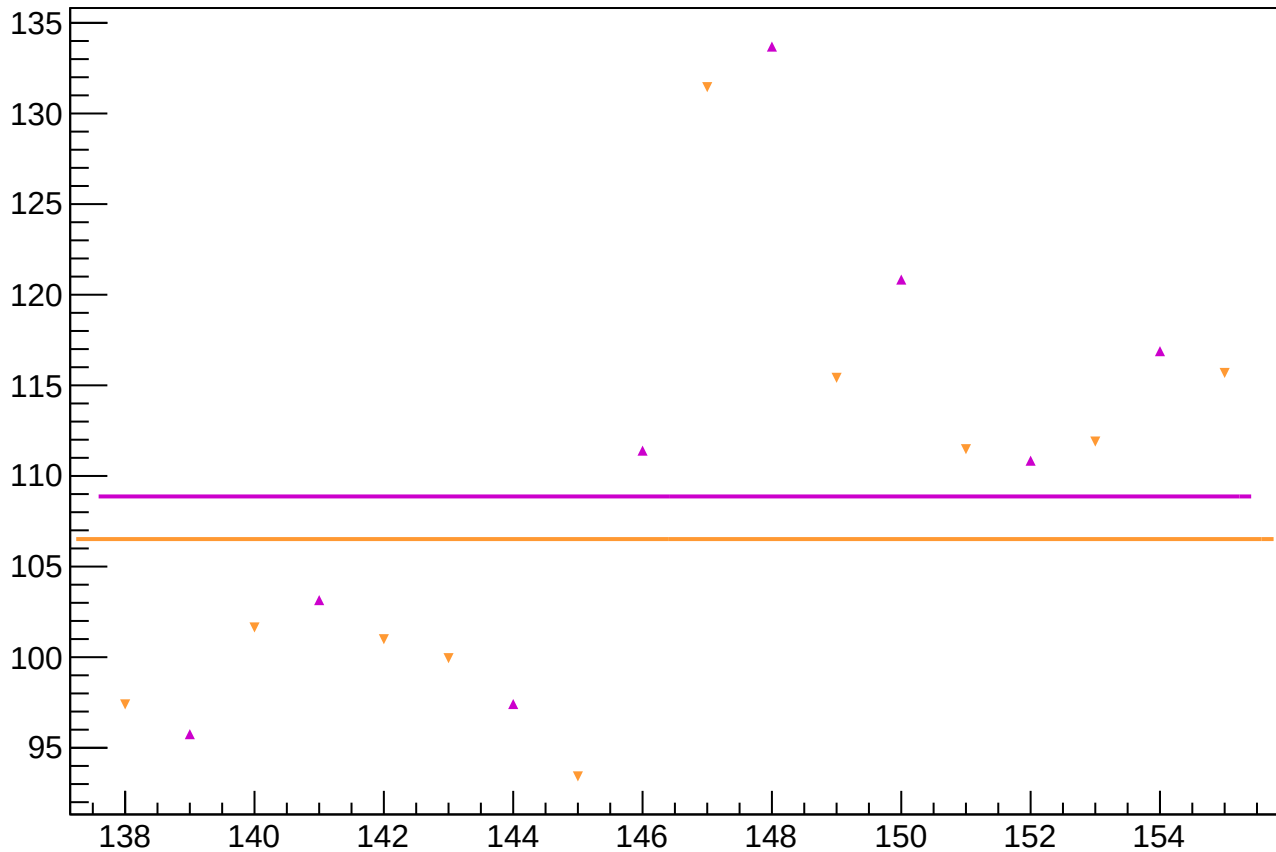
Left In: 185.188+/-42.438 χ^2/NDF :5.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.622+/-28.901 χ^2/NDF : 42.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 106.517+/-0.028 χ^2/NDF :136881.1/9

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

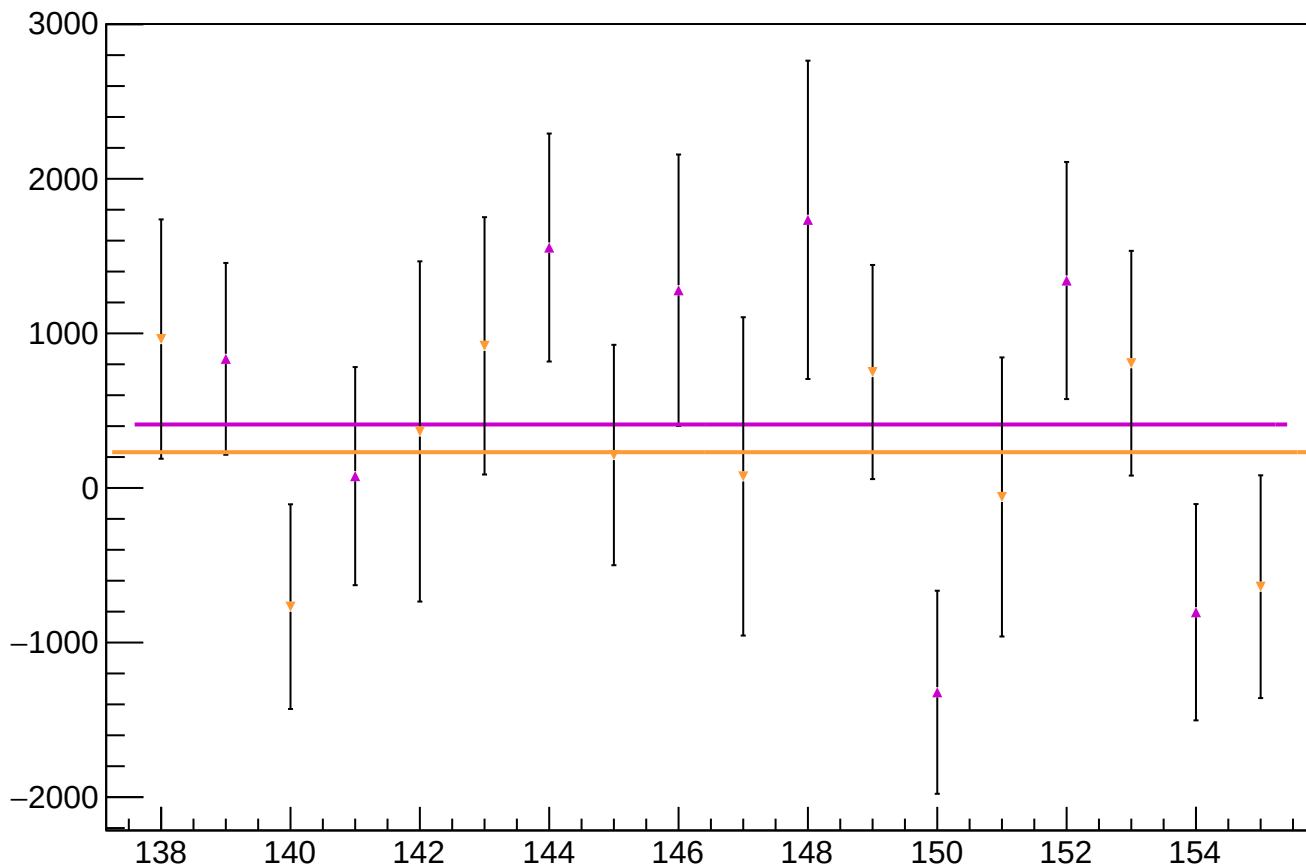
Left In: 108.870+/-0.030 χ^2/NDF :140853.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.608+/-0.020 χ^2/NDF : 281030.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_correction_mean vs Slug



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

Left Out: 231.483 $\pm$ 247.990 χ^2 /NDF: 6.6/9

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

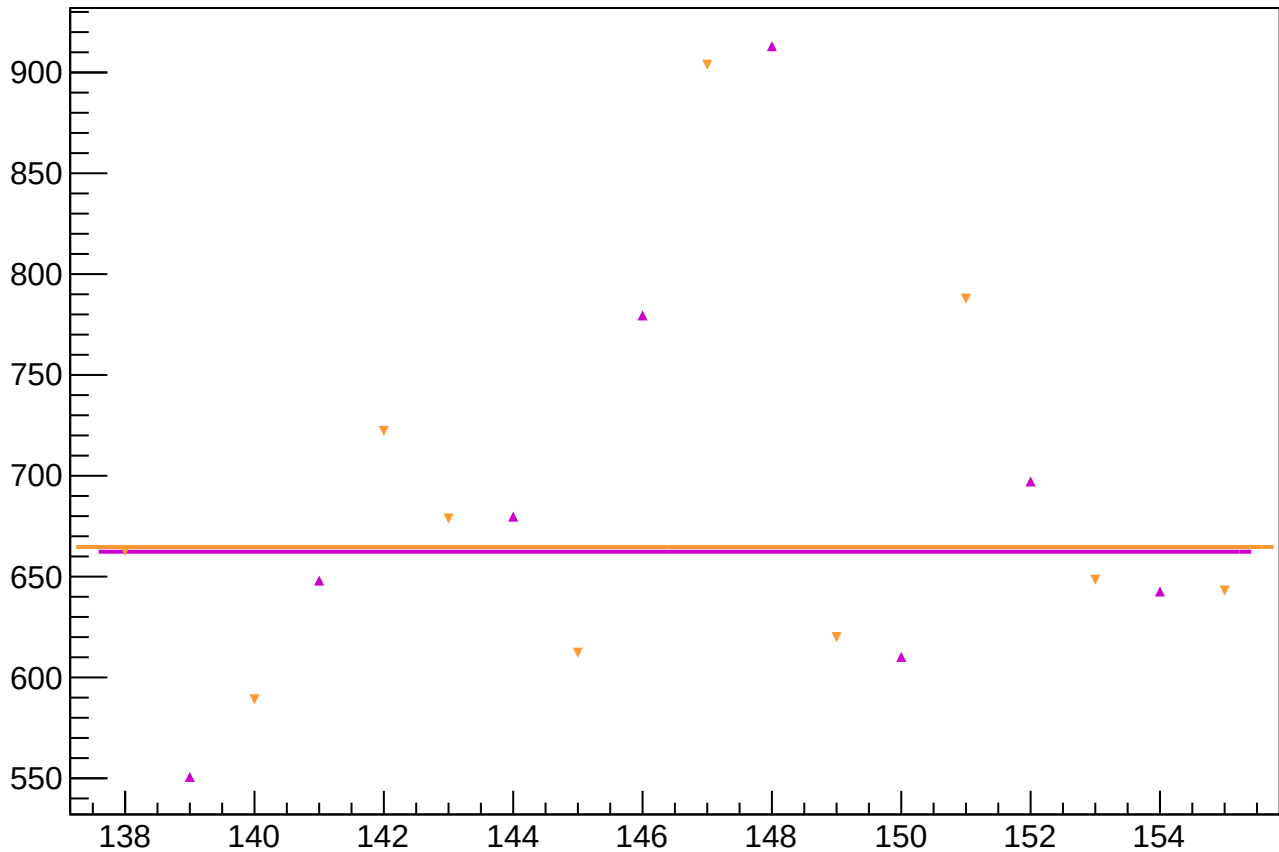
Left In: 410.670 $\pm$ 260.408 χ^2 /NDF: 17.2/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 316.702 $\pm$ 179.585 χ^2 /NDF: 24.1/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_correction_rms vs Slug



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

Left Out: 664.699+/-0.175 χ^2/NDF :199173.5/9

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

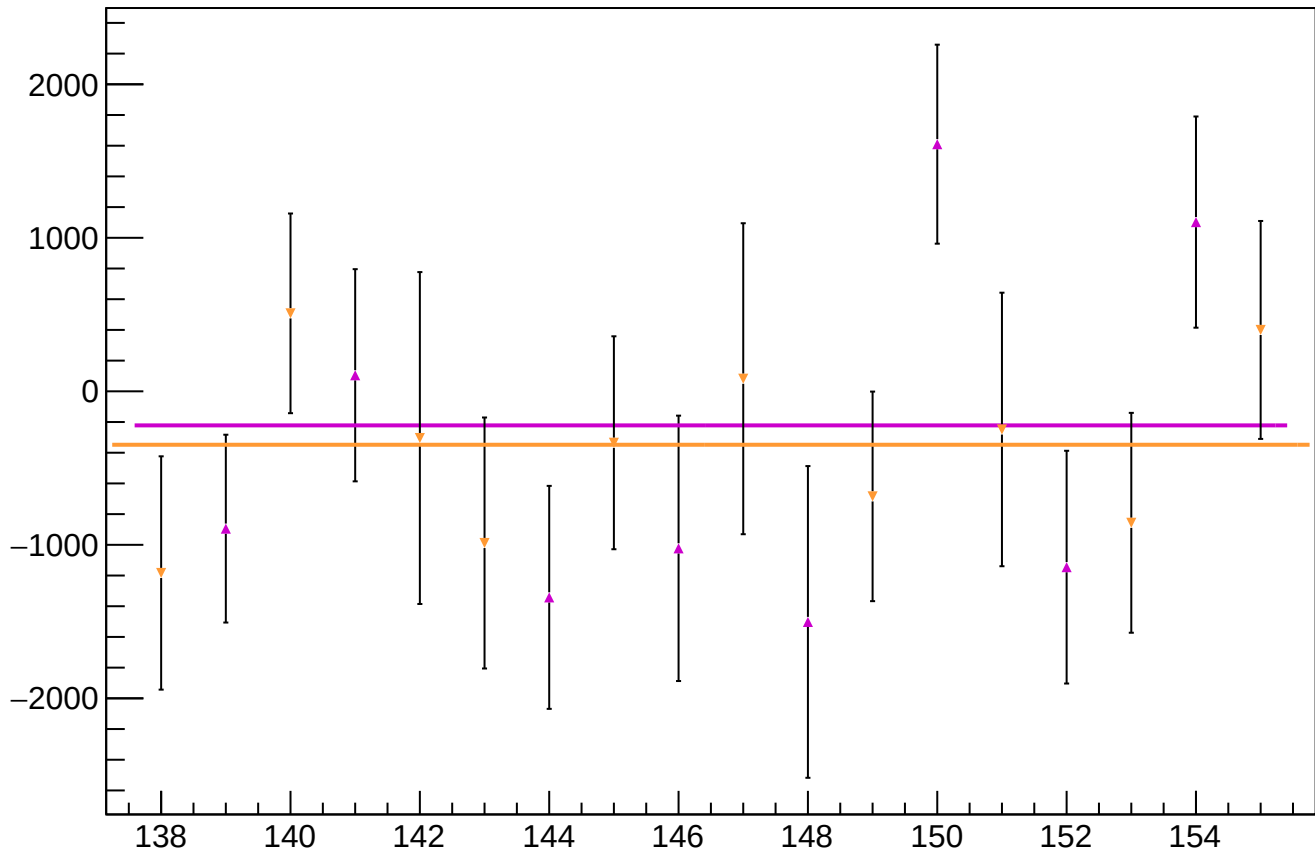
Left In: 662.345+/-0.184 χ^2/NDF :239237.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.580+/-0.127 χ^2/NDF : 438497.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -348.098+/-243.681 χ^2/NDF : 5.6/9

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

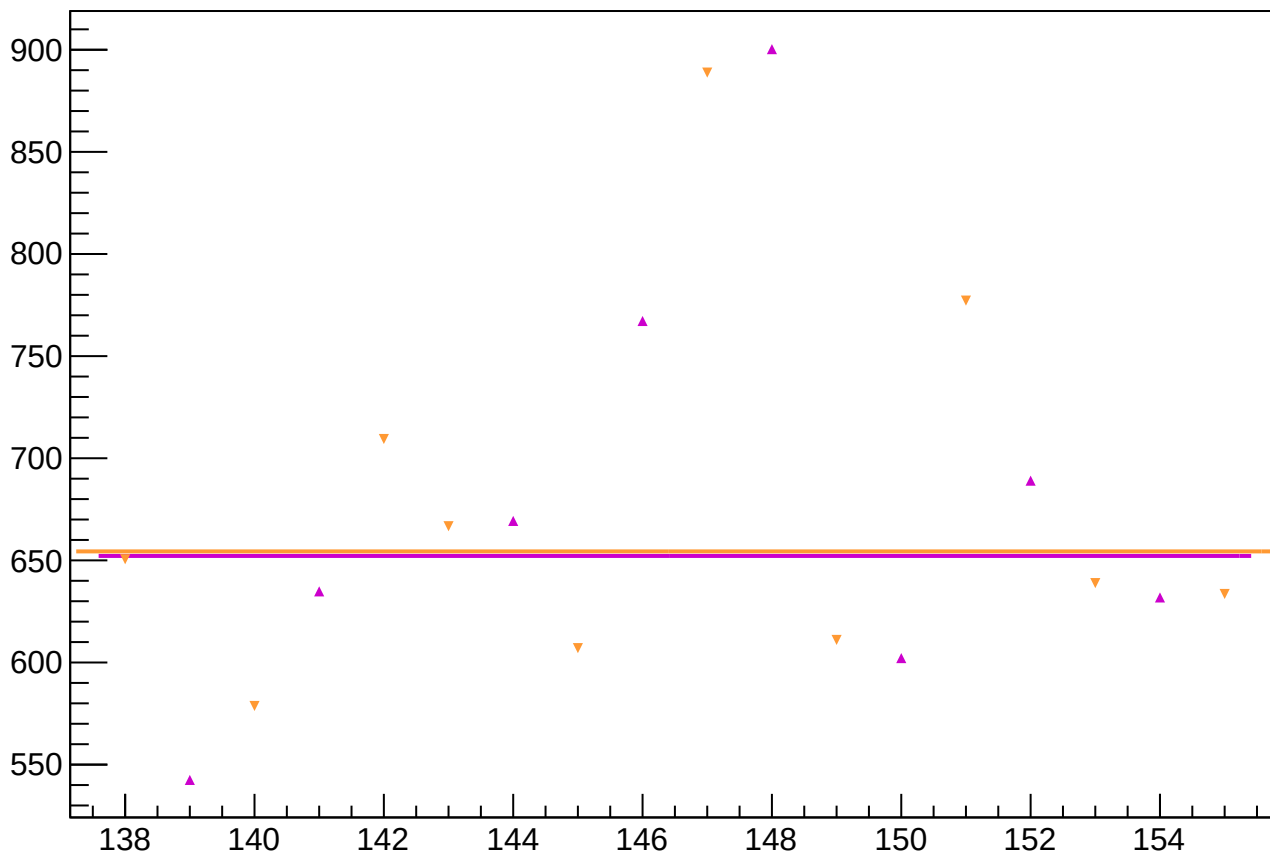
Left In: -221.901+/-256.468 χ^2/NDF : 19.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.224+/-176.656 χ^2/NDF : 25.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_rms vs Slug



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

Left Out: 654.397+/-0.172 χ^2/NDF :197923.6/9

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

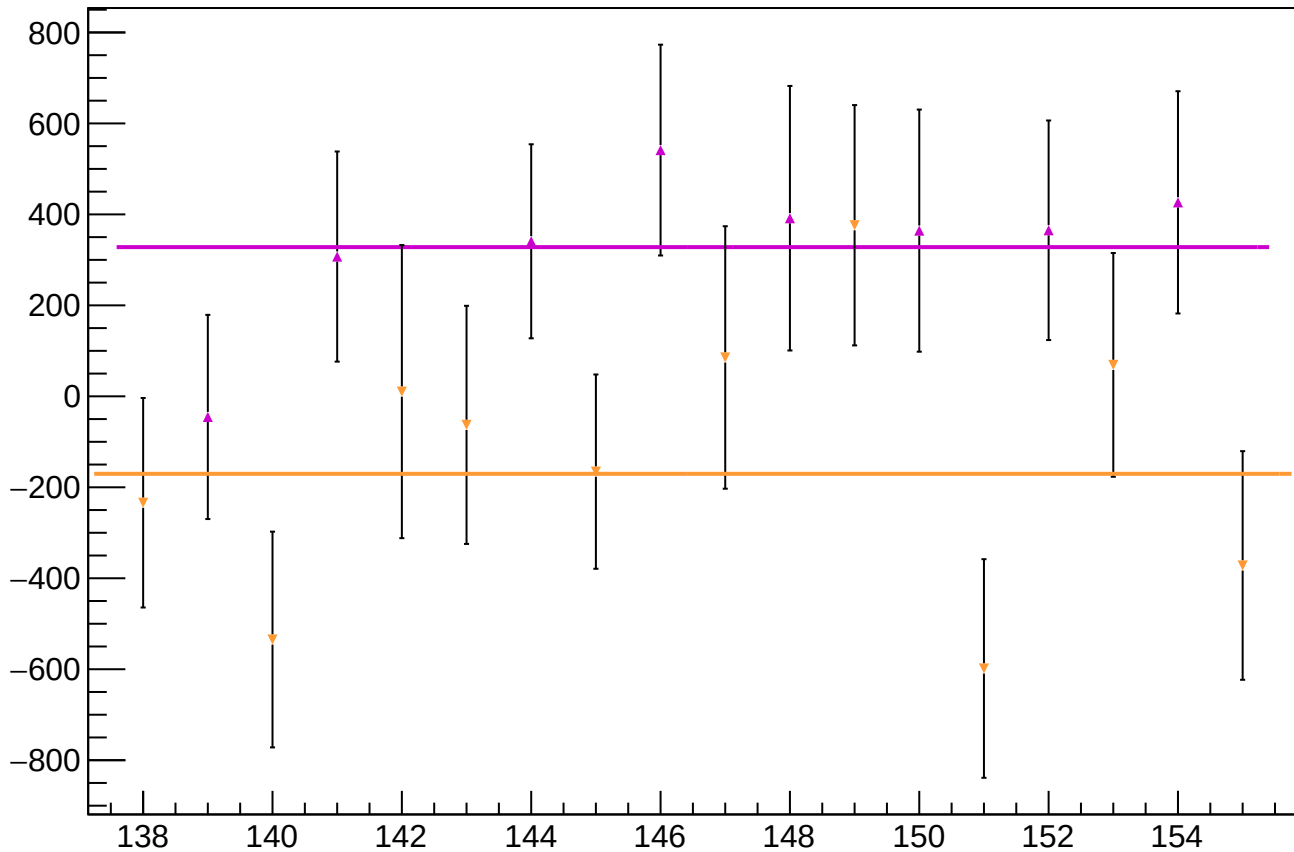
Left In: 652.174+/-0.181 χ^2/NDF :239887.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.342+/-0.125 χ^2/NDF : 437890.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -170.339 $\pm$ 79.357 χ^2 /NDF:12.7/9

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

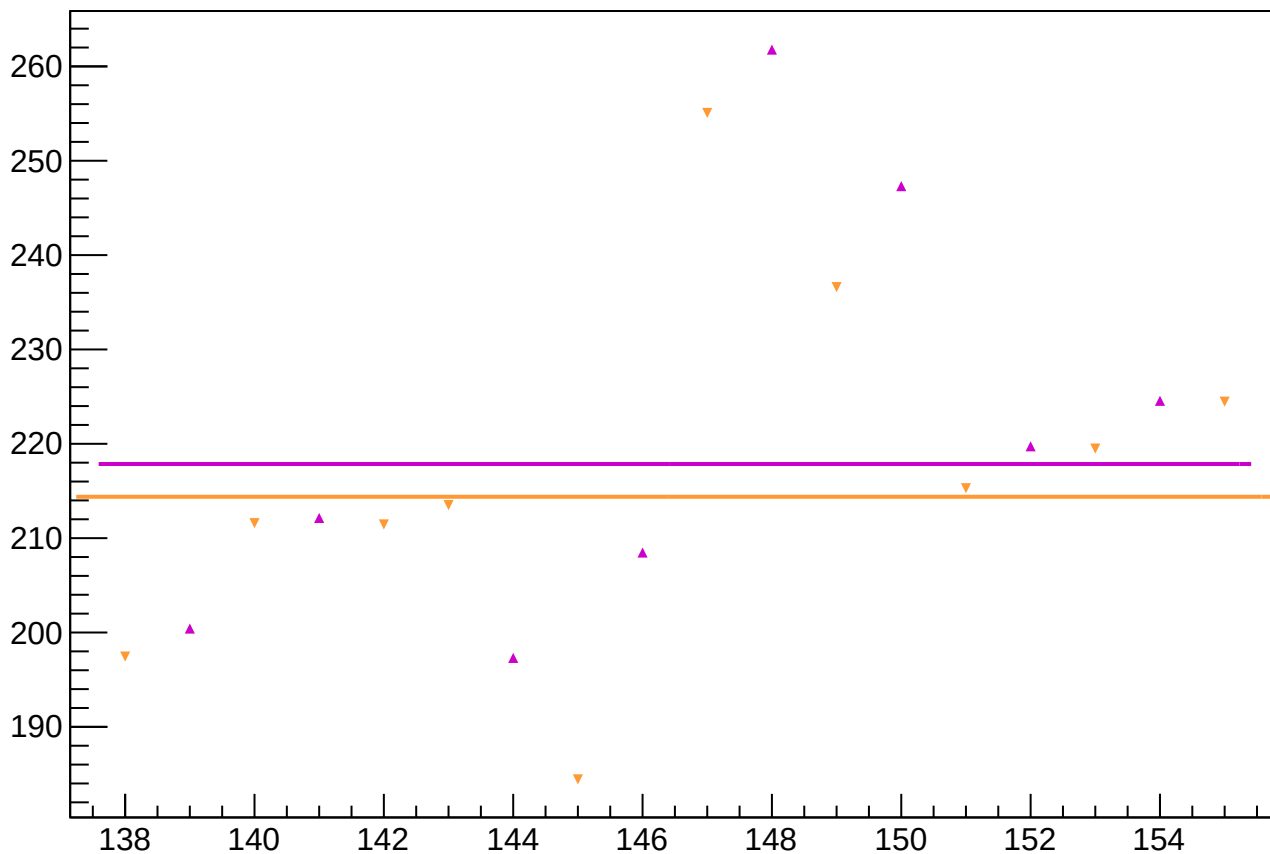
Left In: 328.053 $\pm$ 84.805 χ^2 /NDF:3.9/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.336 $\pm$ 57.944 χ^2 /NDF: 35.0/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 214.387+/-0.056 χ^2/NDF :108638.3/9

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

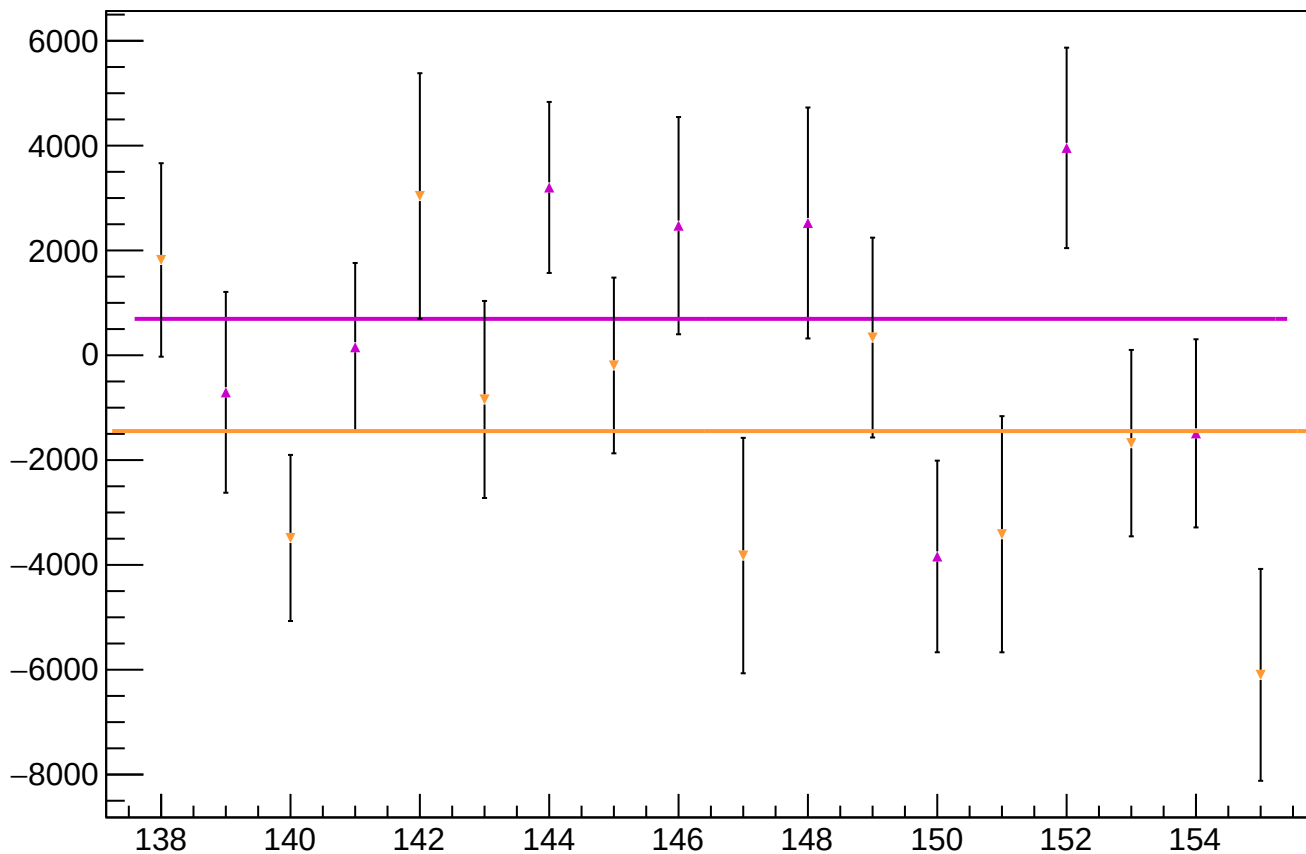
Left In: 217.860+/-0.060 χ^2/NDF :106876.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.008+/-0.041 χ^2/NDF : 217302.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_mean vs Slug



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

Left Out: -1446.590+/-603.702 χ^2/NDF :17.2/9

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

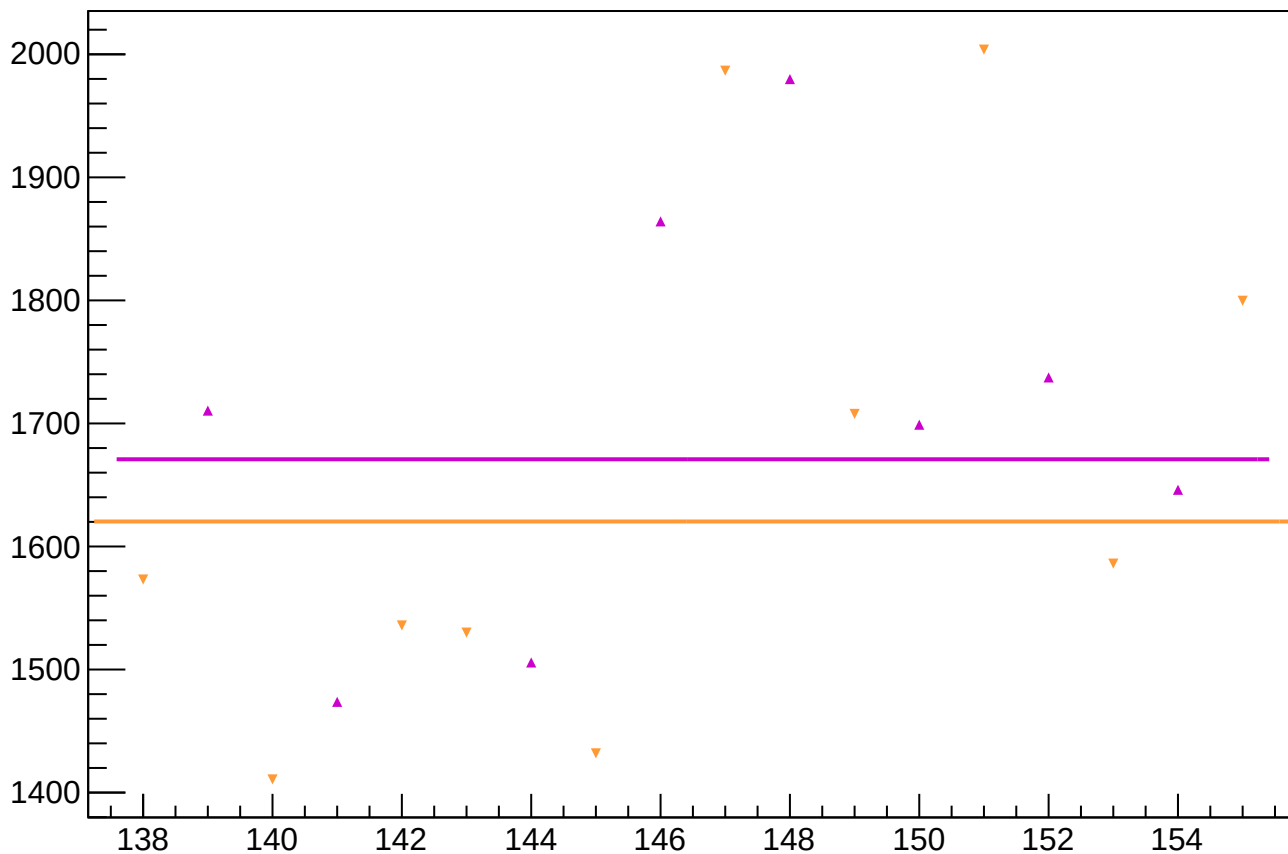
Left In: 694.454+/-651.369 χ^2/NDF :15.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -457.266+/-442.775 χ^2/NDF : 38.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_correction_rms vs Slug



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

Left Out: 1620.316+/-0.427 χ^2/NDF : 200647.5/9

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

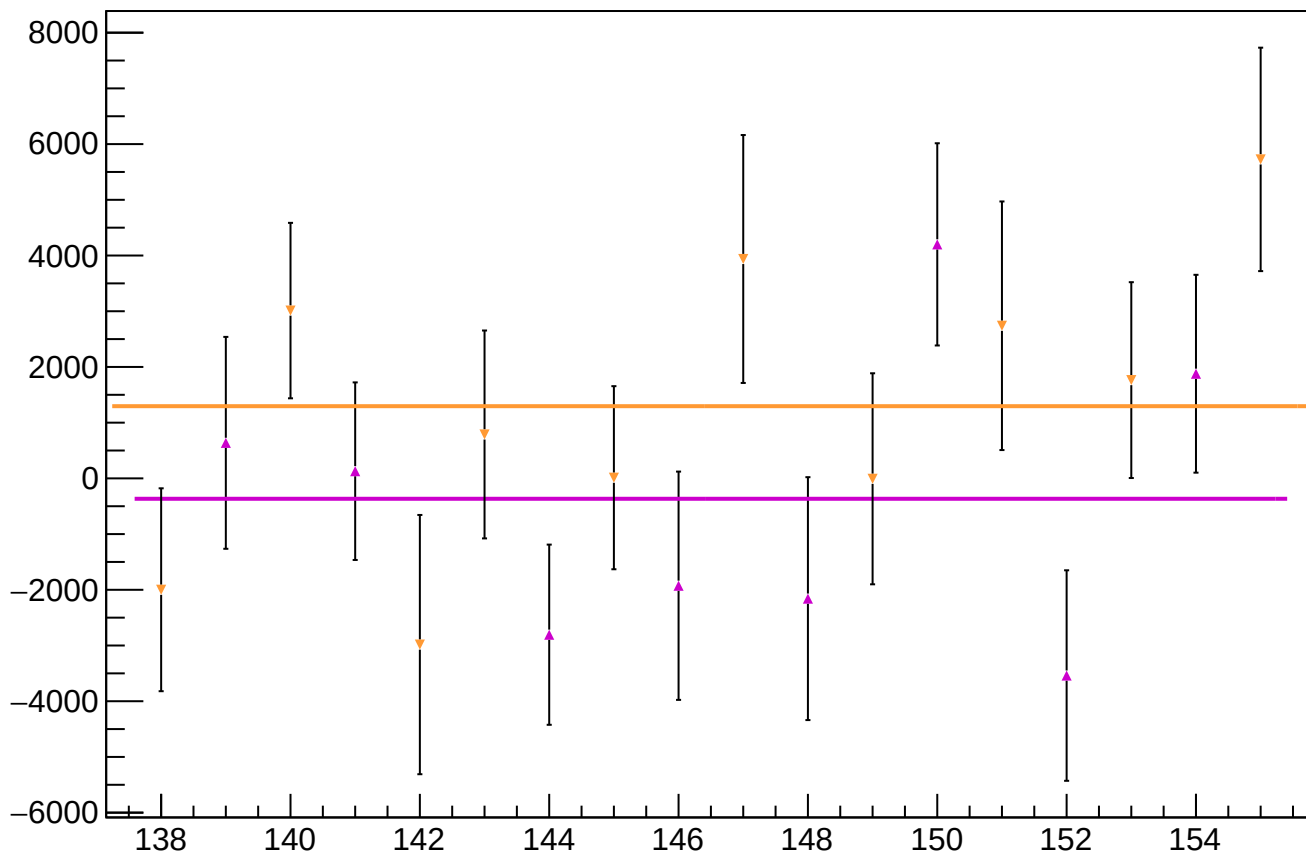
Left In: 1670.882+/-0.461 χ^2/NDF : 111443.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1643.681+/-0.313 χ^2/NDF : 318574.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_mean vs Slug



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

Left Out: 1295.740+/-597.486 χ^2/NDF : 15.8/9

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

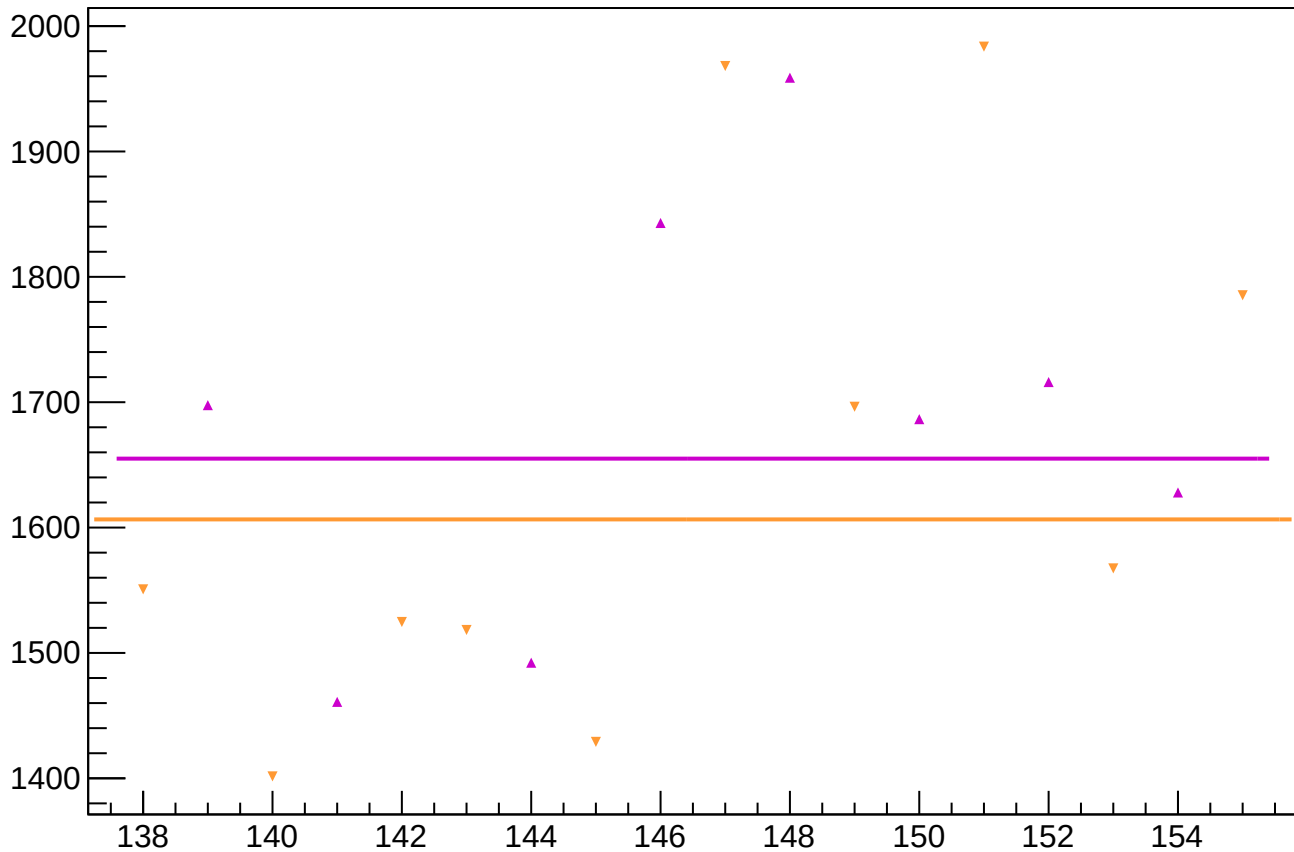
Left In: -366.232+/-645.199 χ^2/NDF : 14.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.472+/-438.385 χ^2/NDF : 34.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_rms vs Slug



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

Left Out: 1606.515+/-0.422 χ^2/NDF : 197402.8/9

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

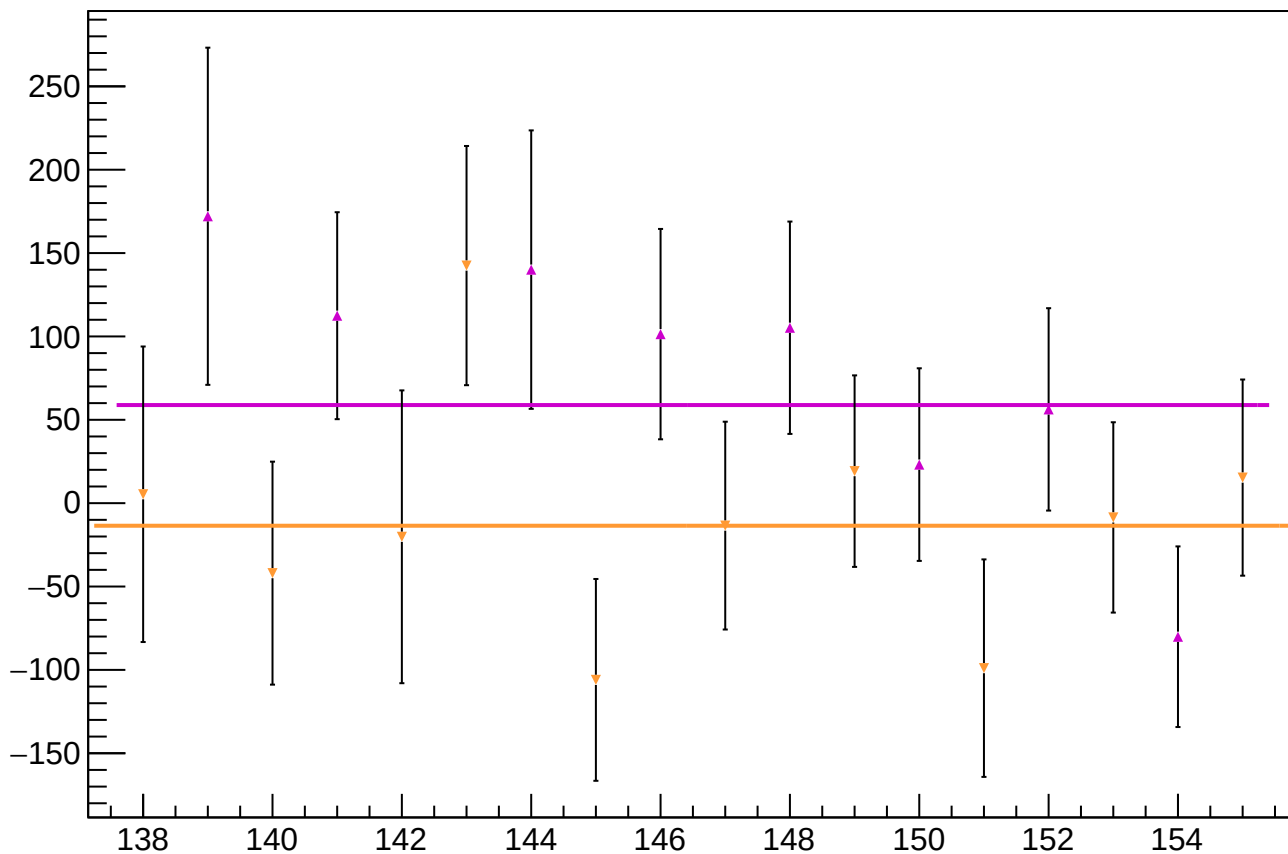
Left In: 1654.994+/-0.456 χ^2/NDF : 109757.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1628.895+/-0.310 χ^2/NDF : 313239.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -13.537 $\pm$ 20.675 χ^2 /NDF:9.6/9

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

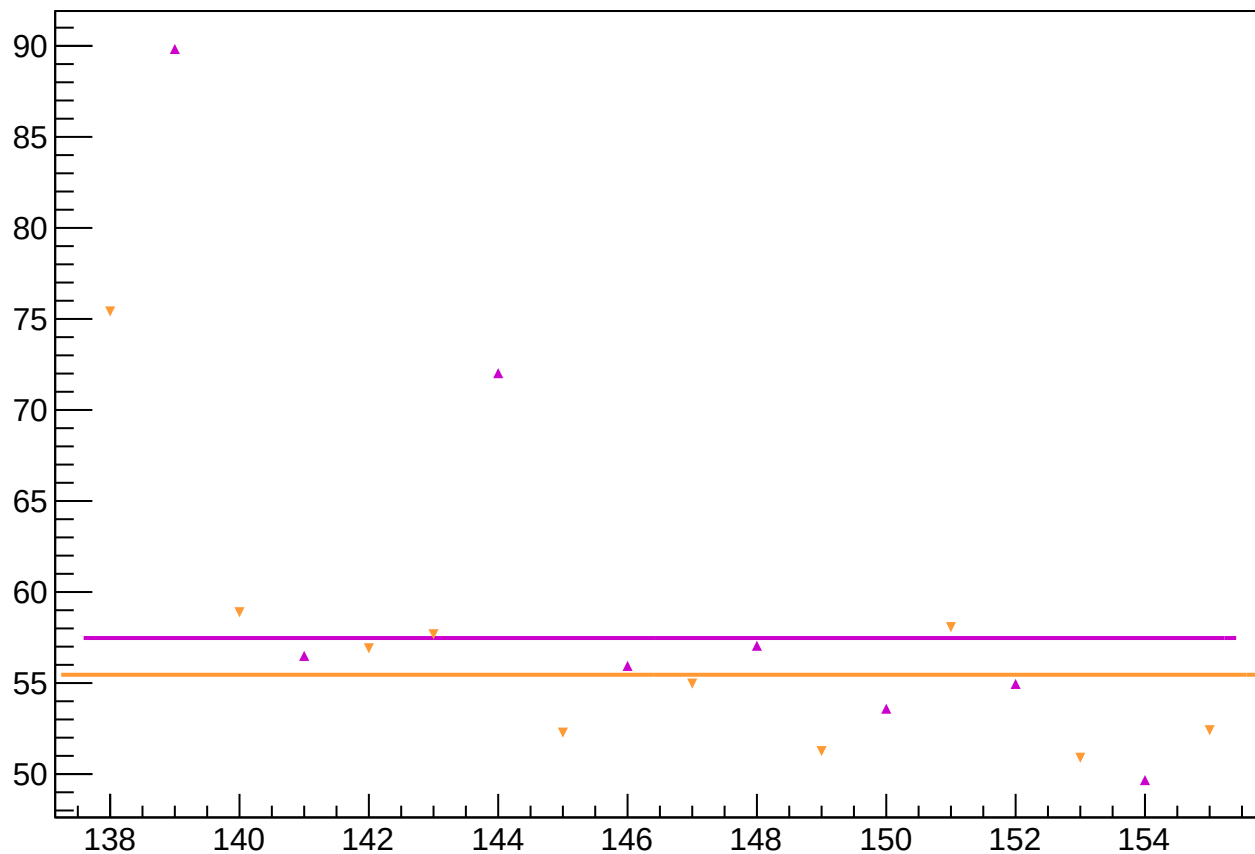
Left In: 58.846 $\pm$ 22.878 χ^2 /NDF:10.9/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.002 $\pm$ 15.339 χ^2 /NDF: 26.0/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_dd_rms vs Slug



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

Left Out: 55.456+/-0.015 χ^2/NDF :146800.6/9

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

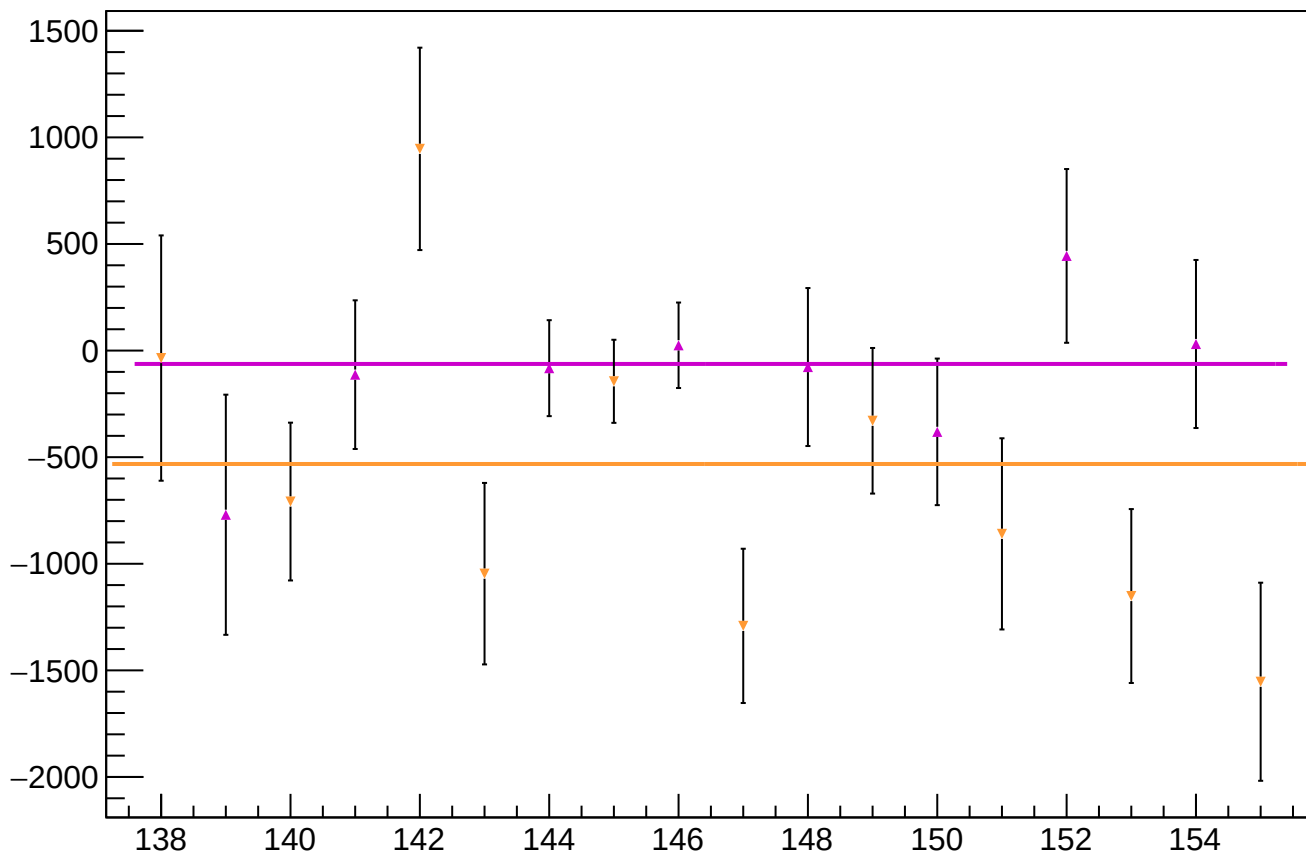
Left In: 57.473+/-0.016 χ^2/NDF :321261.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.363+/-0.011 χ^2/NDF : 476624.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -531.962+/-112.905 χ^2/NDF : 28.5/9

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

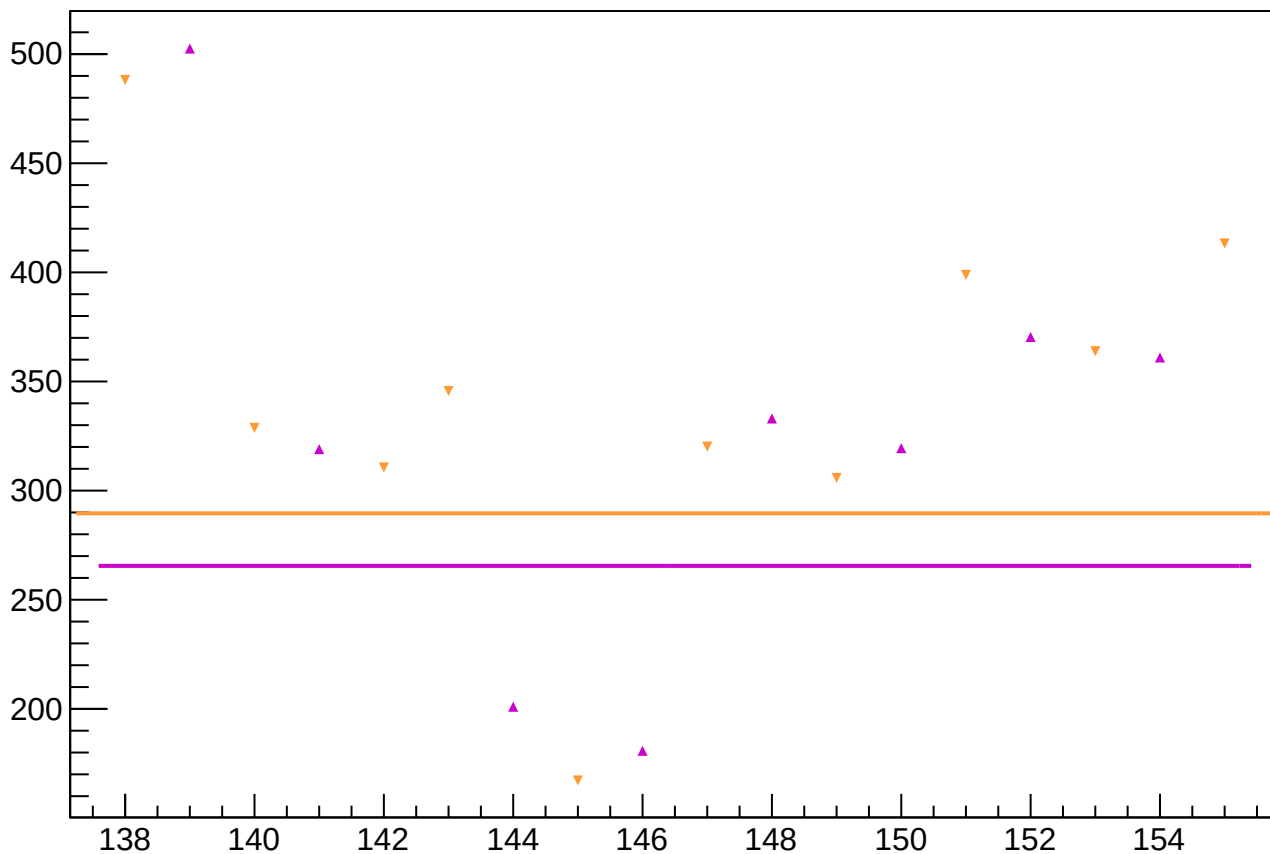
Left In: -62.731+/-108.977 χ^2/NDF : 4.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.043+/-78.410 χ^2/NDF : 41.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_rms vs Slug



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

Left Out: 289.591+/-0.080 χ^2/NDF :1434041.7/9

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

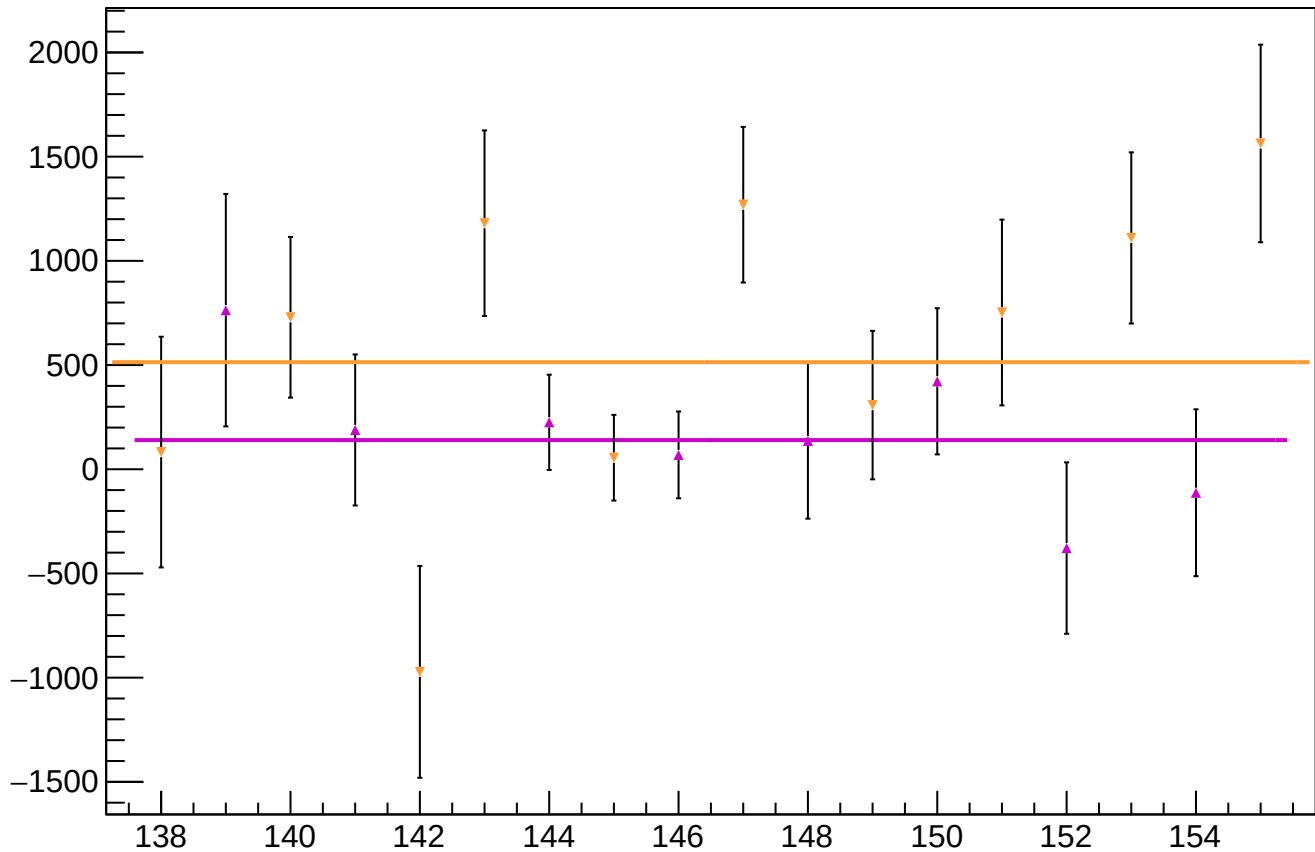
Left In: 265.524+/-0.077 χ^2/NDF :1288382.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.131+/-0.055 χ^2/NDF : 2769470.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



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

Left Out: 513.880 $\pm$ 117.033 χ^2 /NDF: 28.4/9

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

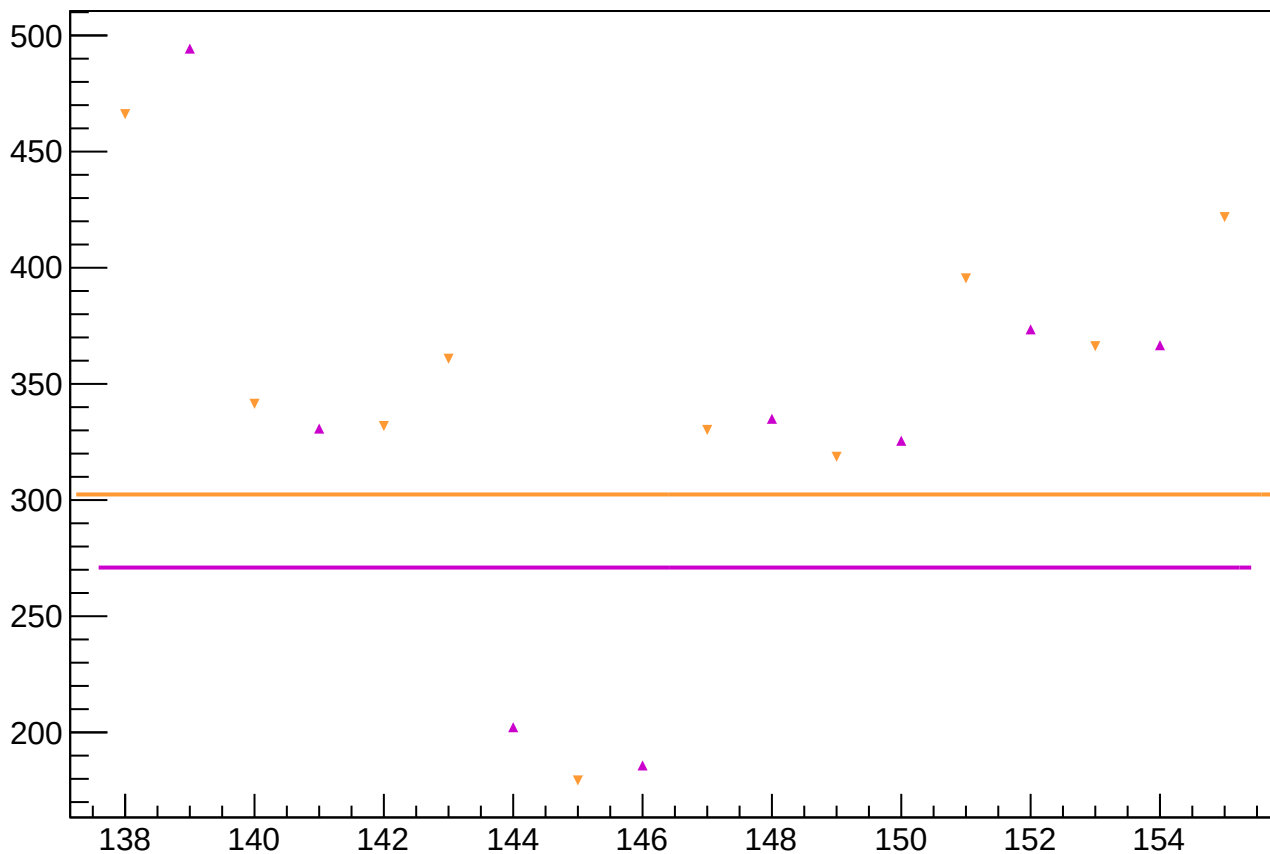
Left In: 139.924 $\pm$ 111.450 χ^2 /NDF: 4.2/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 317.770 $\pm$ 80.709 χ^2 /NDF: 37.9/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_rms vs Slug



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

Left Out: 302.410+/-0.083 χ^2/NDF :1230440.3/9

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

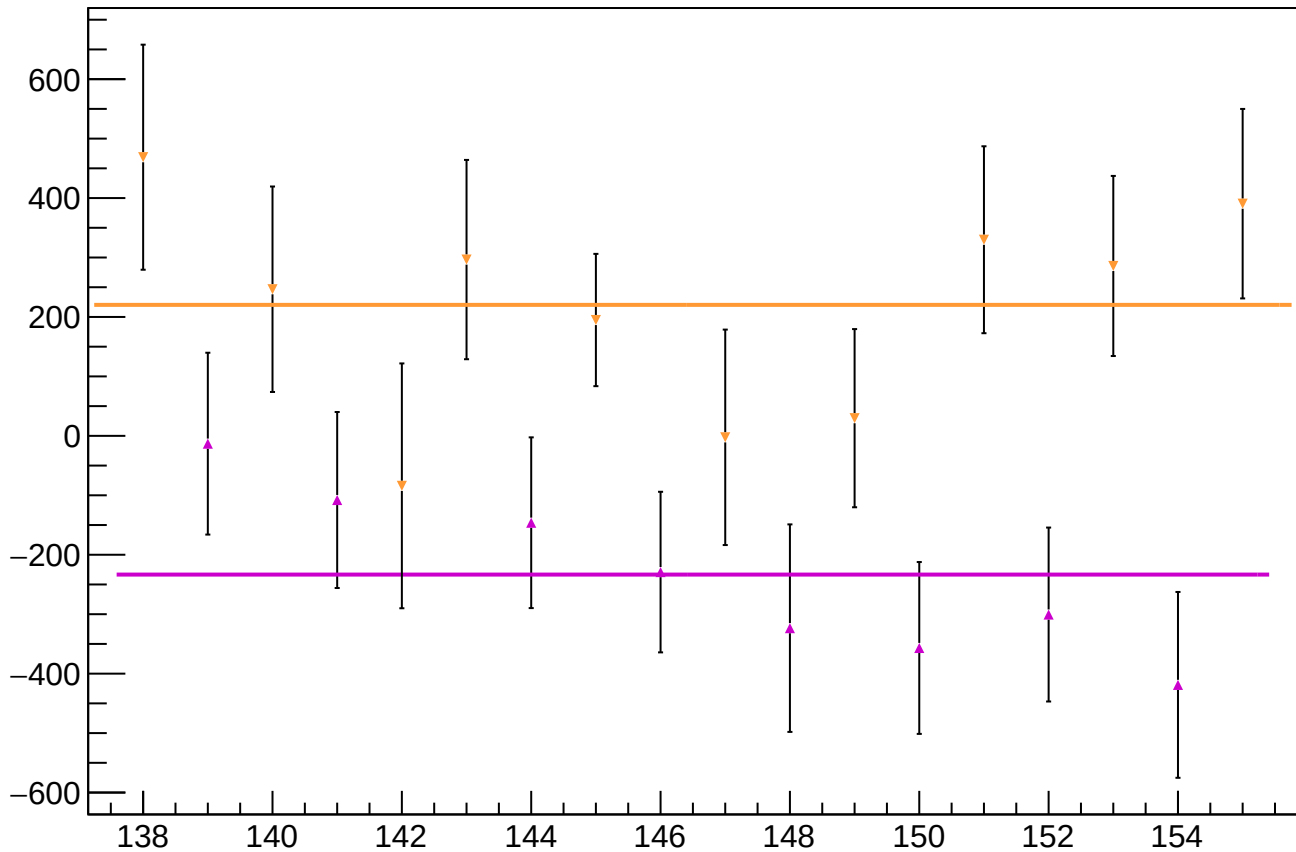
Left In: 270.949+/-0.079 χ^2/NDF :1236774.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.911+/-0.057 χ^2/NDF : 2543011.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug



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

Left Out: 220.332 $\pm$ 50.016 χ^2 /NDF:9.1/9

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

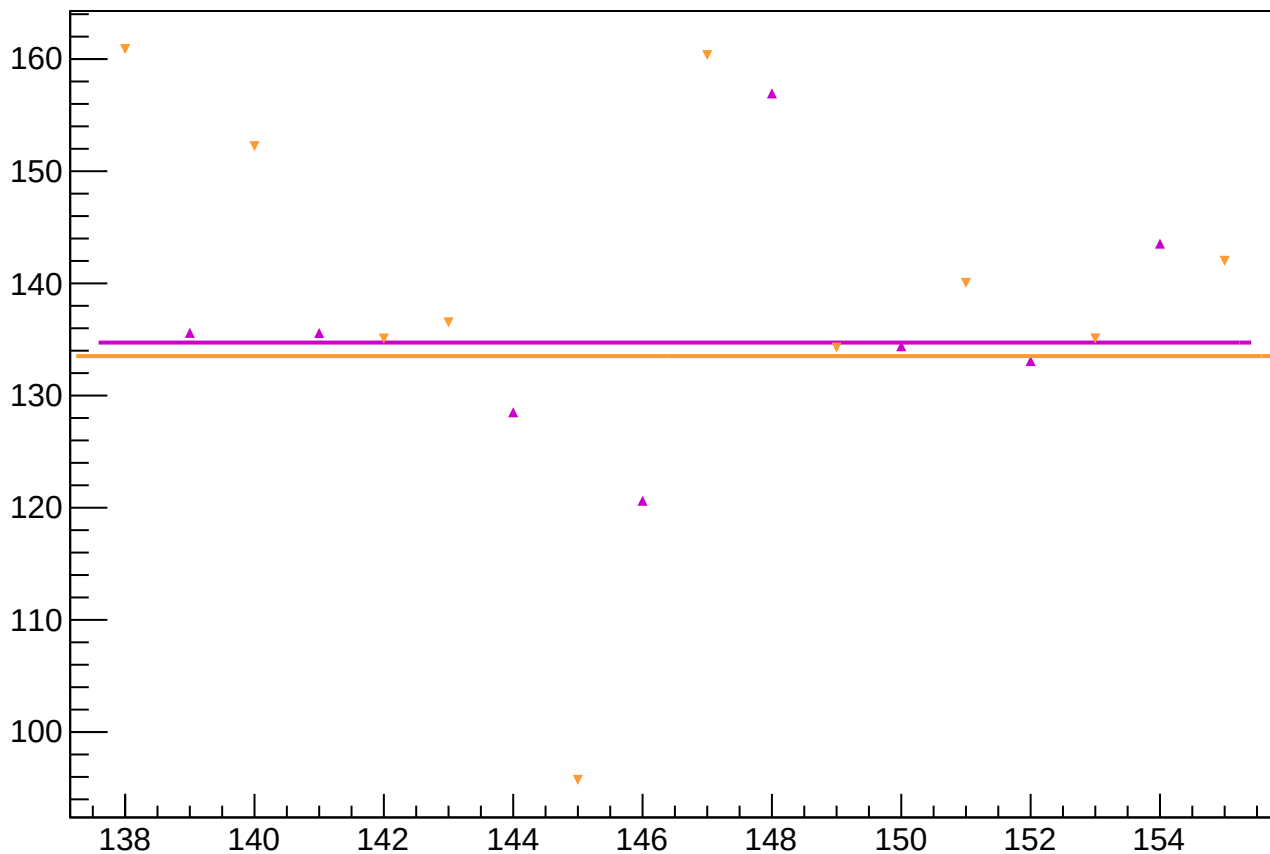
Left In: -233.354 $\pm$ 52.702 χ^2 /NDF:5.8/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.347 $\pm$ 36.279 χ^2 /NDF: 53.9/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug



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

Left Out: 133.517+/-0.035 χ^2/NDF : 349936.2/9

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

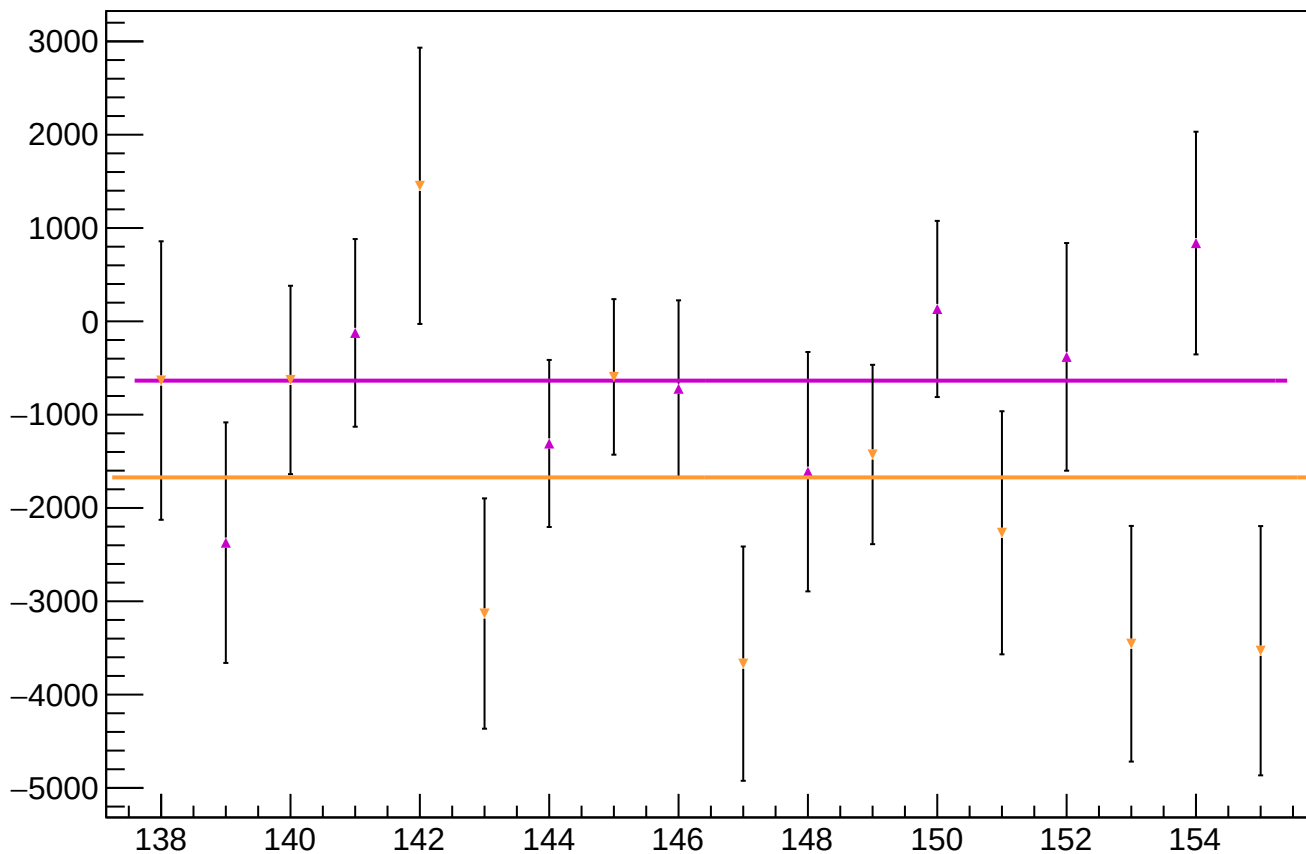
Left In: 134.723+/-0.037 χ^2/NDF : 64704.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.088+/-0.026 χ^2/NDF : 415192.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_mean vs Slug



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

Left Out: -1672.505+/-365.698 χ^2/NDF :15.8/9

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

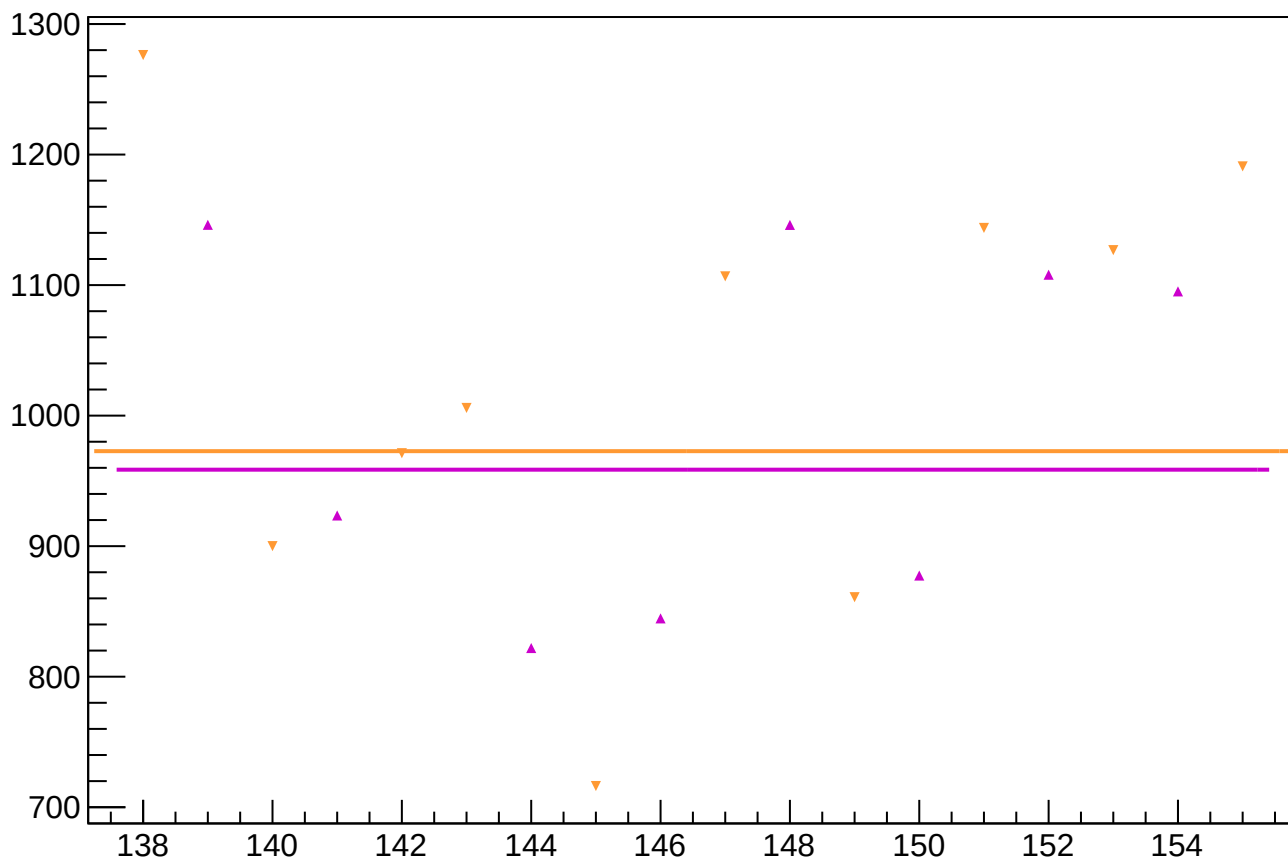
Left In: -635.502+/-376.383 χ^2/NDF :5.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1168.931+/-262.284 χ^2/NDF : 25.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_correction_rms vs Slug



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

Left Out: 972.778+/-0.259 χ^2/NDF : 451482.3/9

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

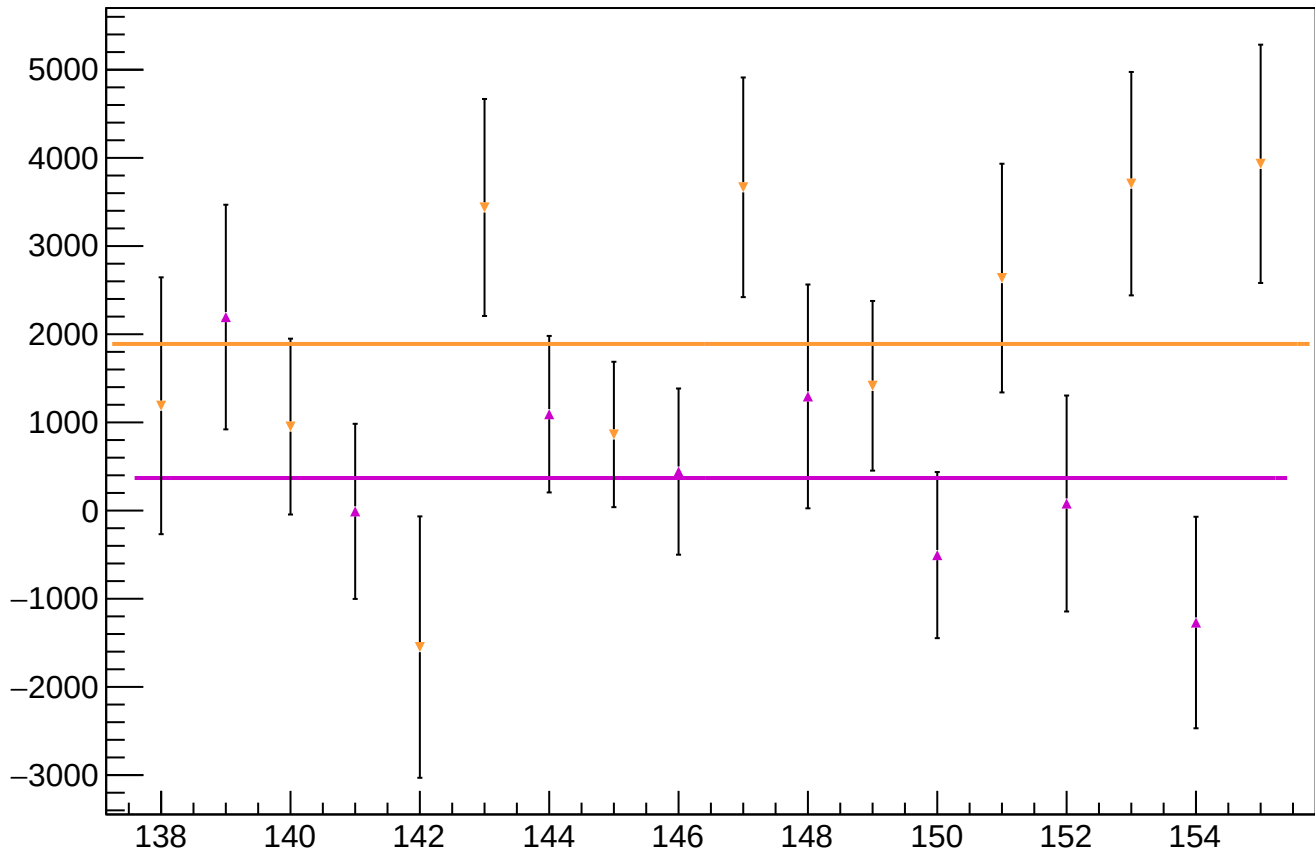
Left In: 958.587+/-0.266 χ^2/NDF : 234072.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 965.887+/-0.185 χ^2/NDF : 687017.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_mean vs Slug



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

Left Out: 1890.040+/-363.845 χ^2/NDF : 16.6/9

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

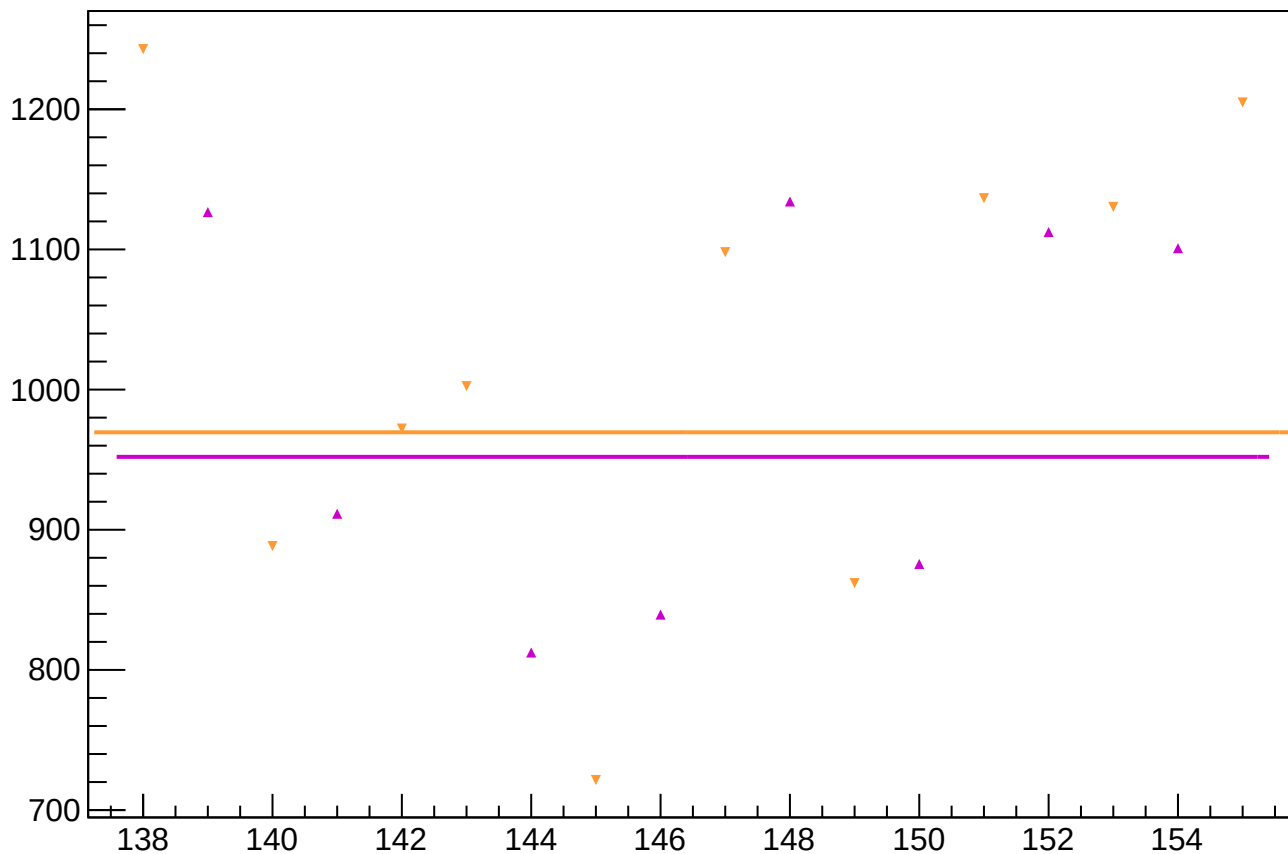
Left In: 369.331+/-374.384 χ^2/NDF : 6.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1151.391+/-260.924 χ^2/NDF : 31.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_rms vs Slug



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

Left Out: 969.546+/-0.257 χ^2/NDF : 438588.9/9

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

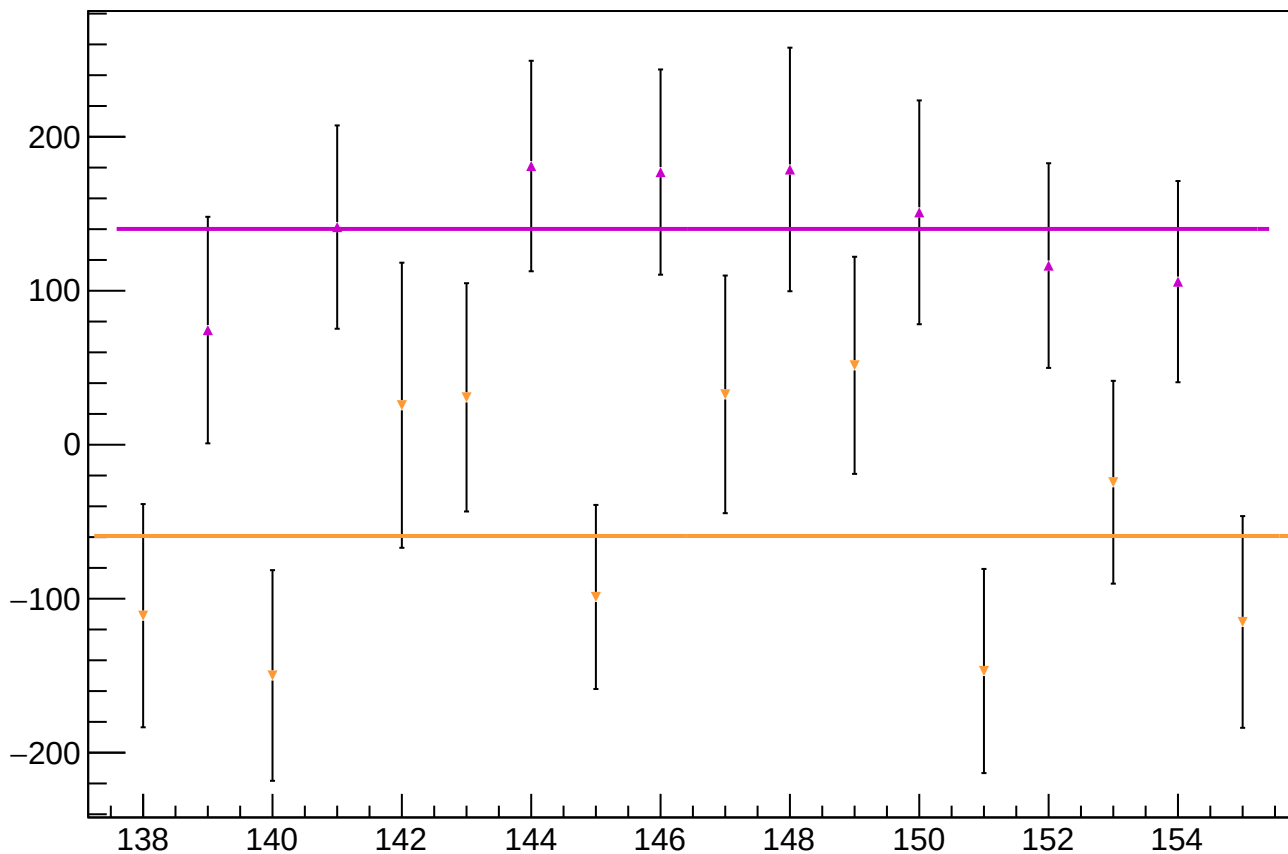
Left In: 952.018+/-0.265 χ^2/NDF : 238394.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 961.032+/-0.185 χ^2/NDF : 679238.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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

Left Out: -59.259 $\pm$ 22.244 χ^2 /NDF:11.6/9

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

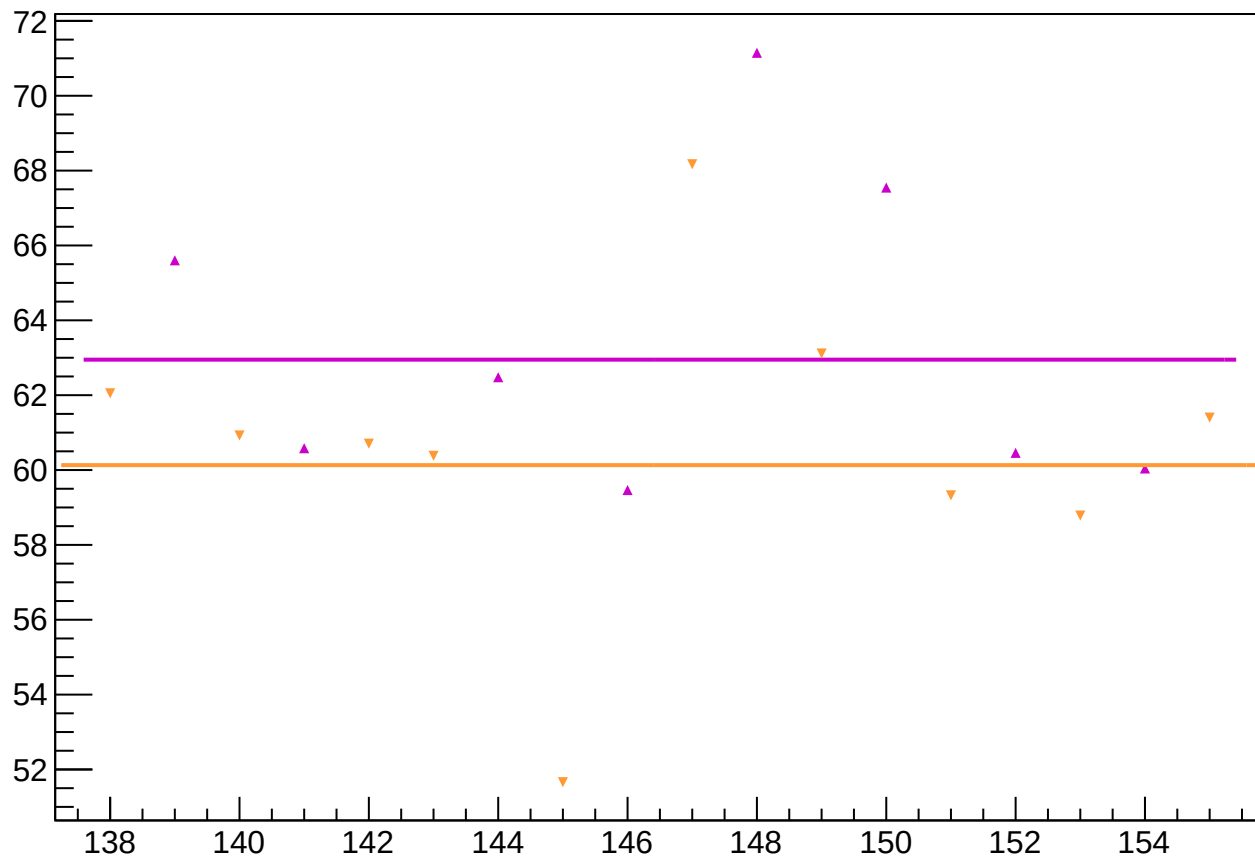
Left In: 140.157 $\pm$ 24.522 χ^2 /NDF:2.1/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.758 $\pm$ 16.475 χ^2 /NDF: 50.0/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



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

Left Out: 60.131+/-0.016 χ^2/NDF : 69037.3/9

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

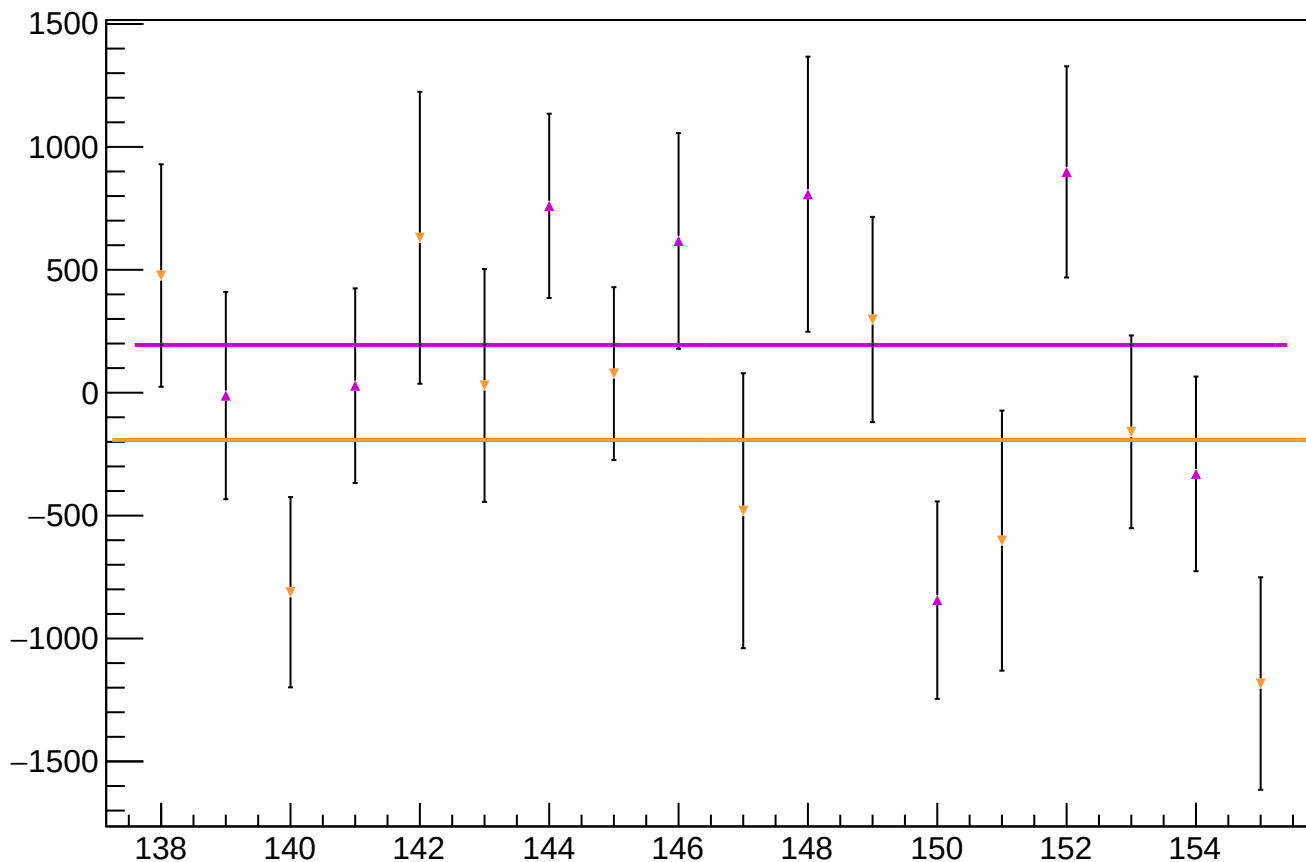
Left In: 62.949+/-0.017 χ^2/NDF : 46986.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.403+/-0.012 χ^2/NDF : 130516.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_mean vs Slug



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

Left Out: -192.619+/-139.586 χ^2/NDF : 15.0/9

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

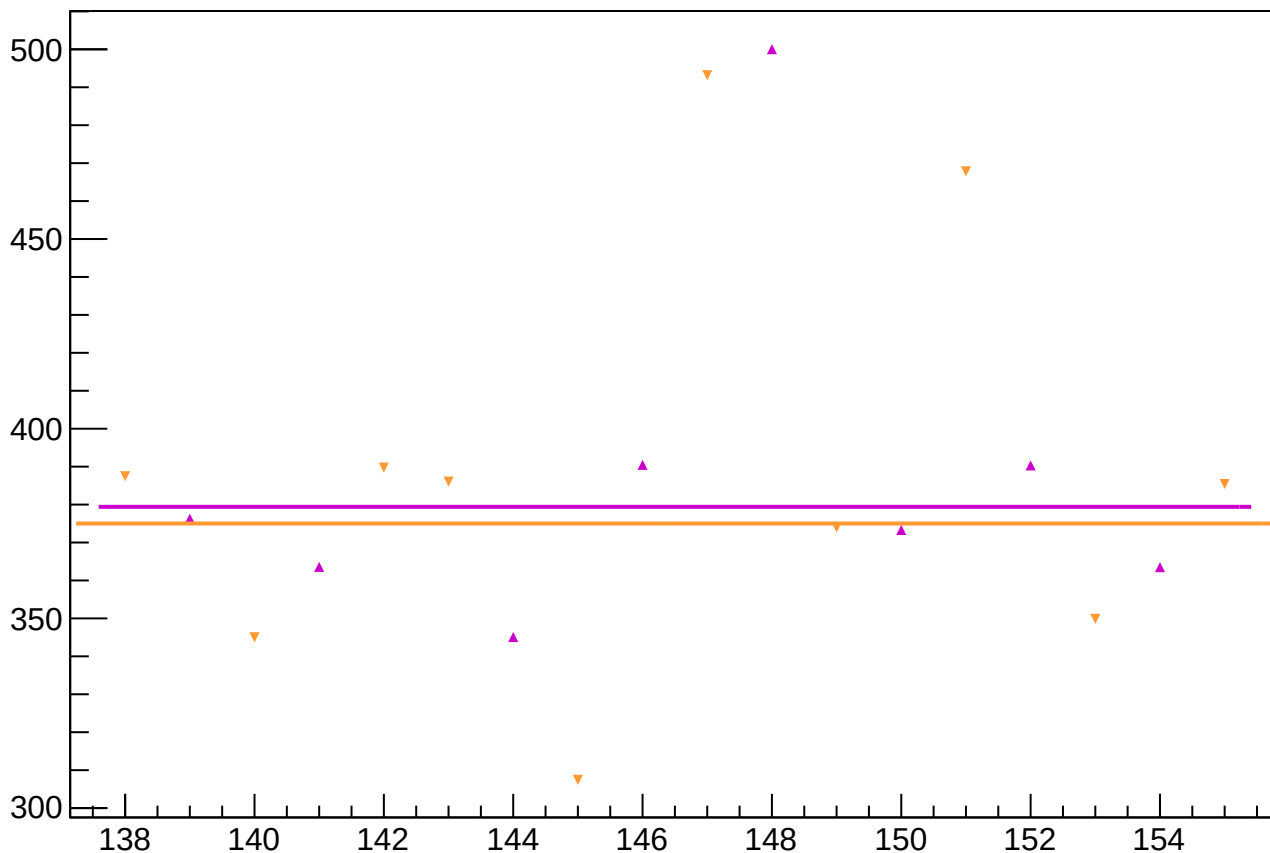
Left In: 194.305+/-148.229 χ^2/NDF : 15.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.766+/-101.621 χ^2/NDF : 34.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_correction_rms vs Slug



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

Left Out: 375.009+/-0.099 χ^2/NDF : 250111.5/9

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

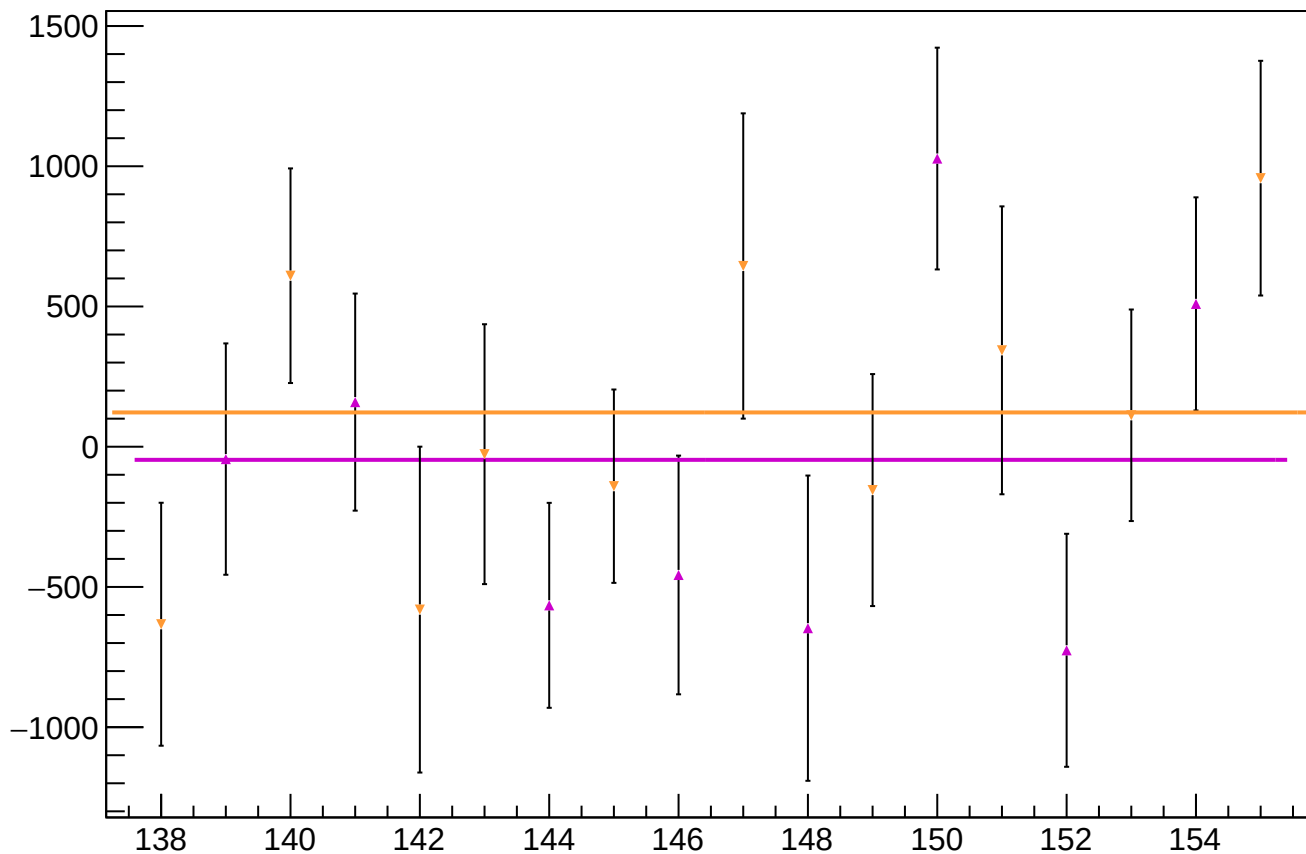
Left In: 379.409+/-0.105 χ^2/NDF : 119263.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.077+/-0.072 χ^2/NDF : 370308.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



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

Left Out: 122.217+/-136.136 χ^2/NDF : 12.4/9

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

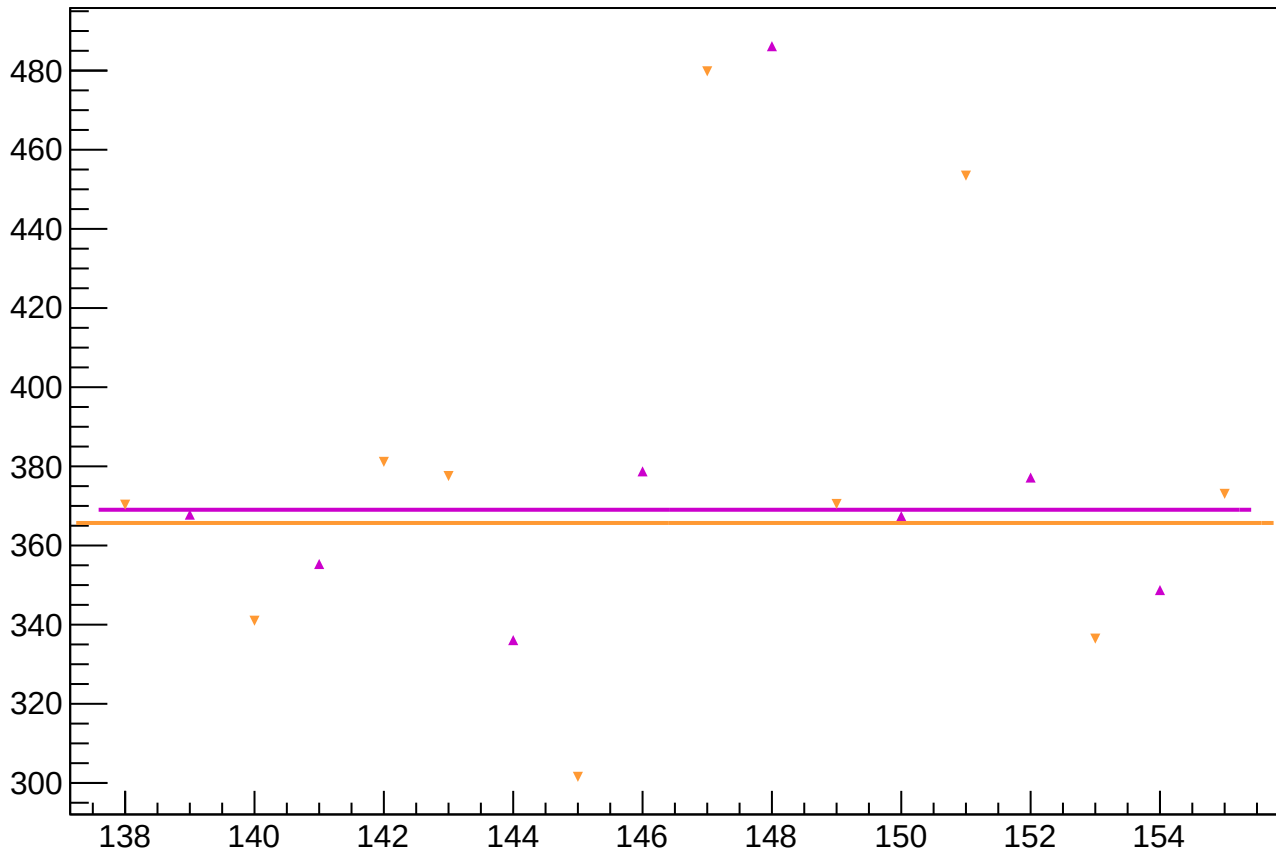
Left In: -46.791+/-144.243 χ^2/NDF : 16.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.596+/-99.005 χ^2/NDF : 29.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_rms vs Slug



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

Left Out: 365.695+/-0.096 χ^2/NDF : 239842.4/9

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

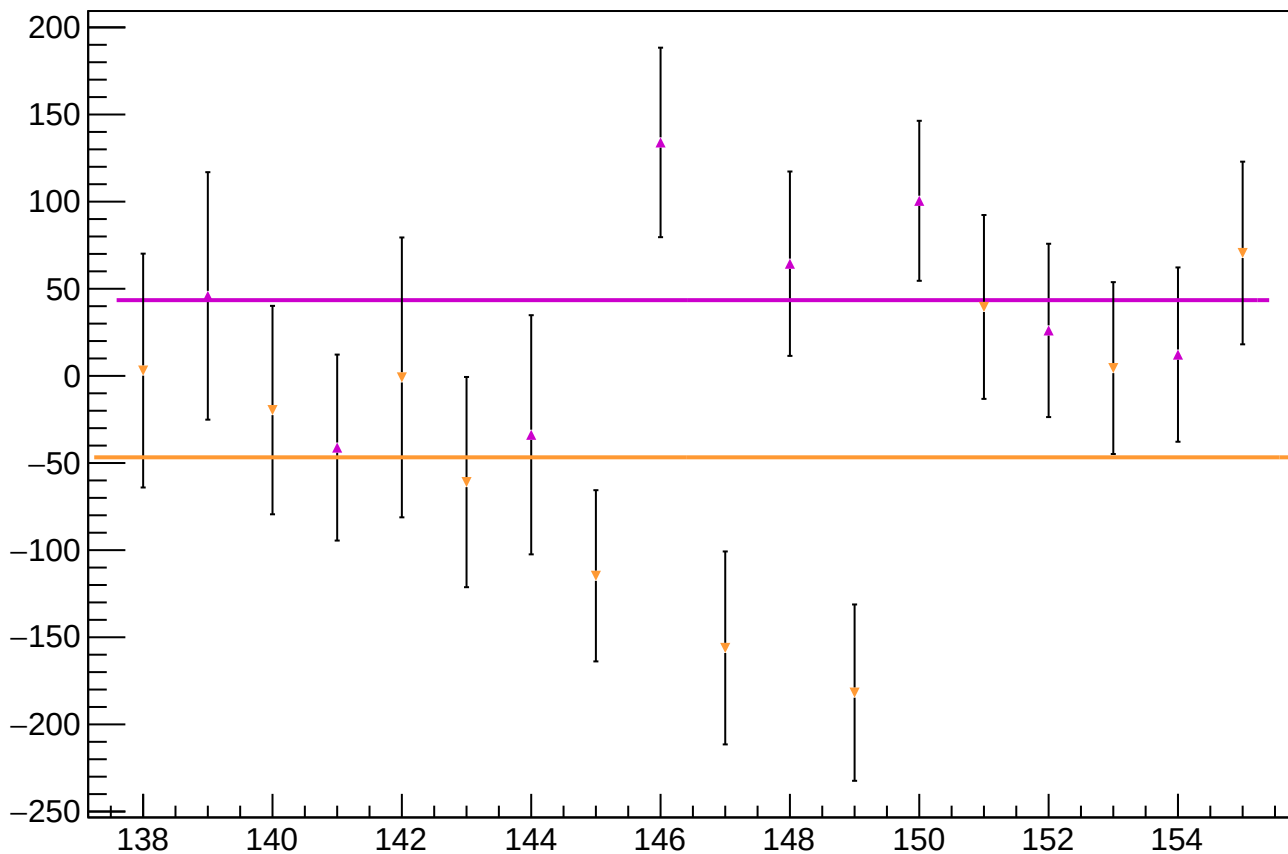
Left In: 369.032+/-0.102 χ^2/NDF : 118976.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.267+/-0.070 χ^2/NDF : 359384.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



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

Left Out: -46.732+/-17.686 χ^2/NDF : 22.8/9

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

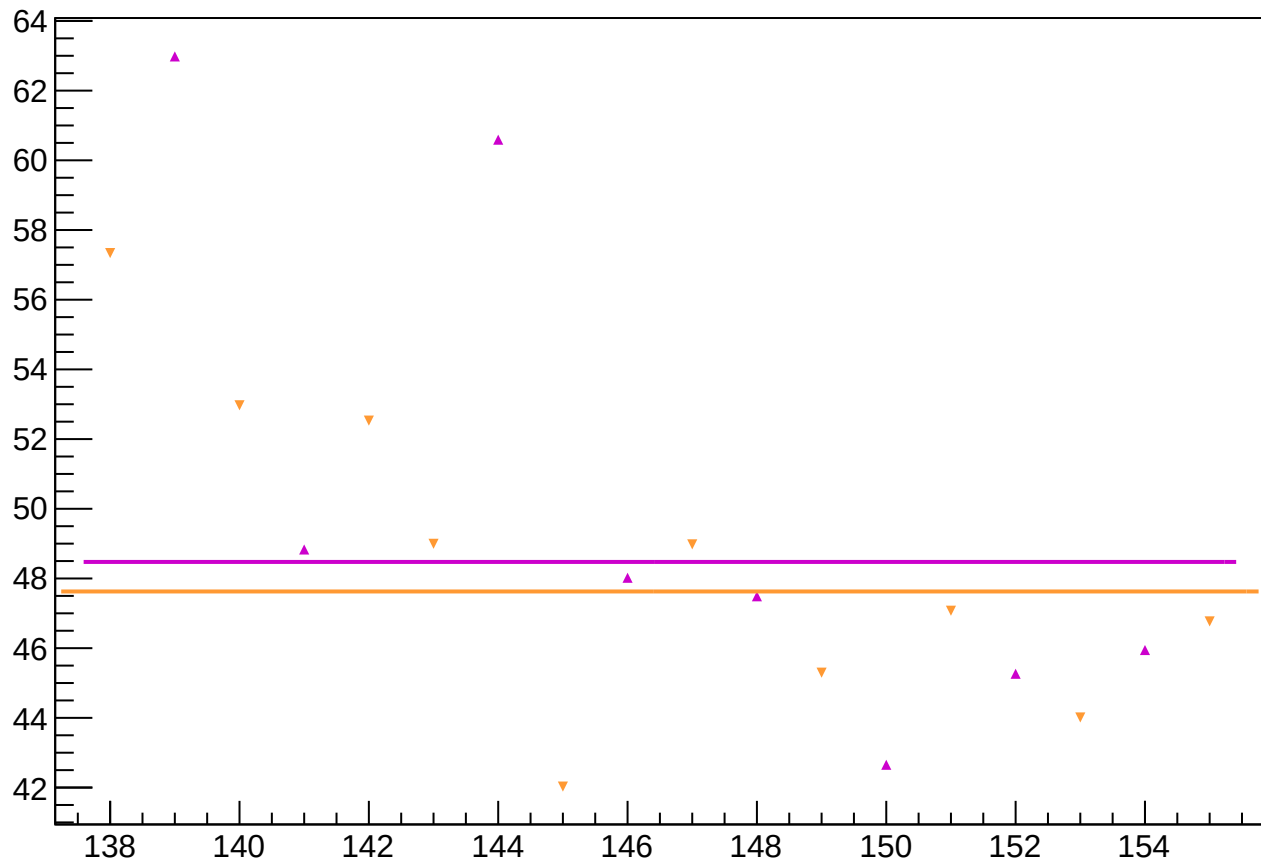
Left In: 43.464+/-19.119 χ^2/NDF : 8.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.141+/-12.983 χ^2/NDF : 43.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



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

Left Out: 47.627+/-0.013 χ^2/NDF :109260.9/9

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

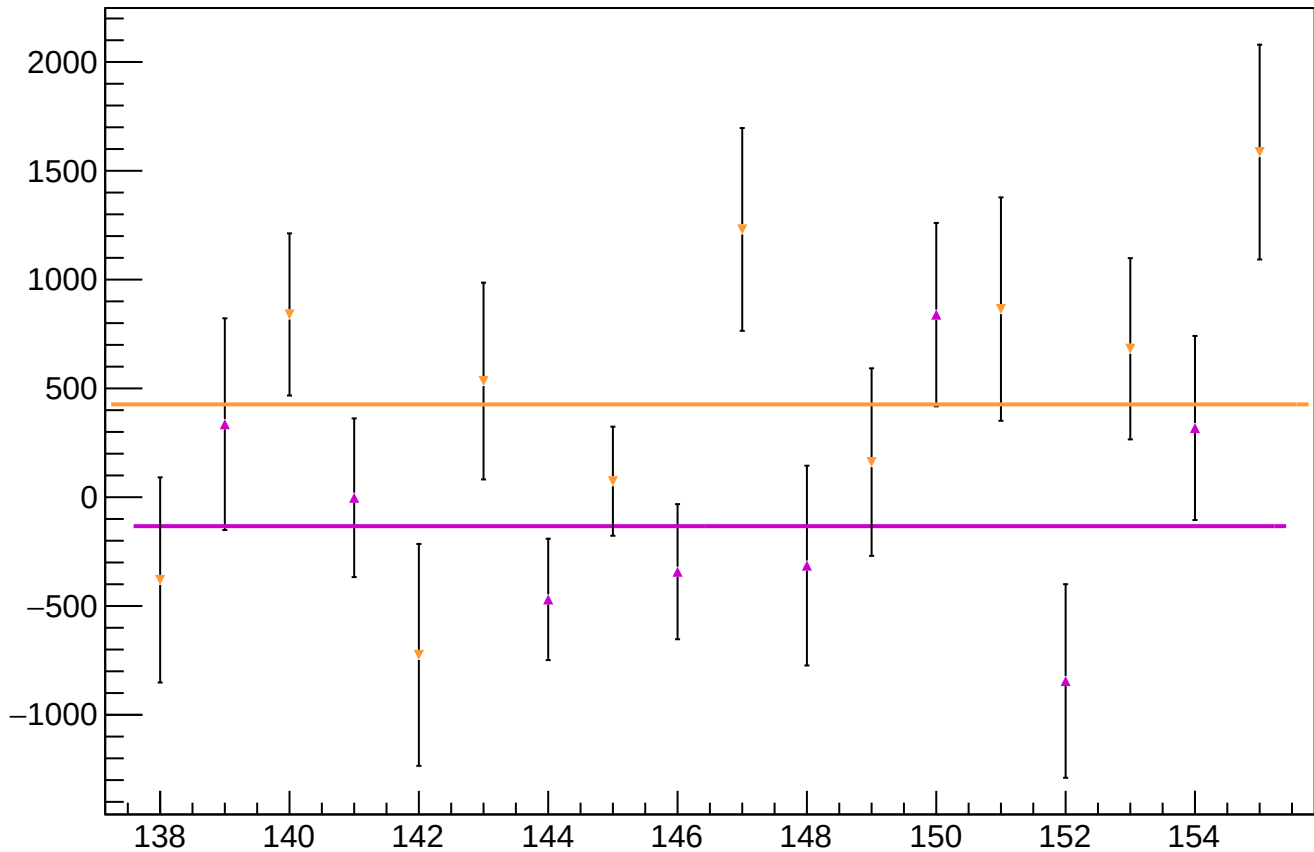
Left In: 48.475+/-0.014 χ^2/NDF :192322.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.018+/-0.009 χ^2/NDF : 303702.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_mean vs Slug



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

Left Out: 426.467+/-129.088 χ^2/NDF : 21.3/9

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

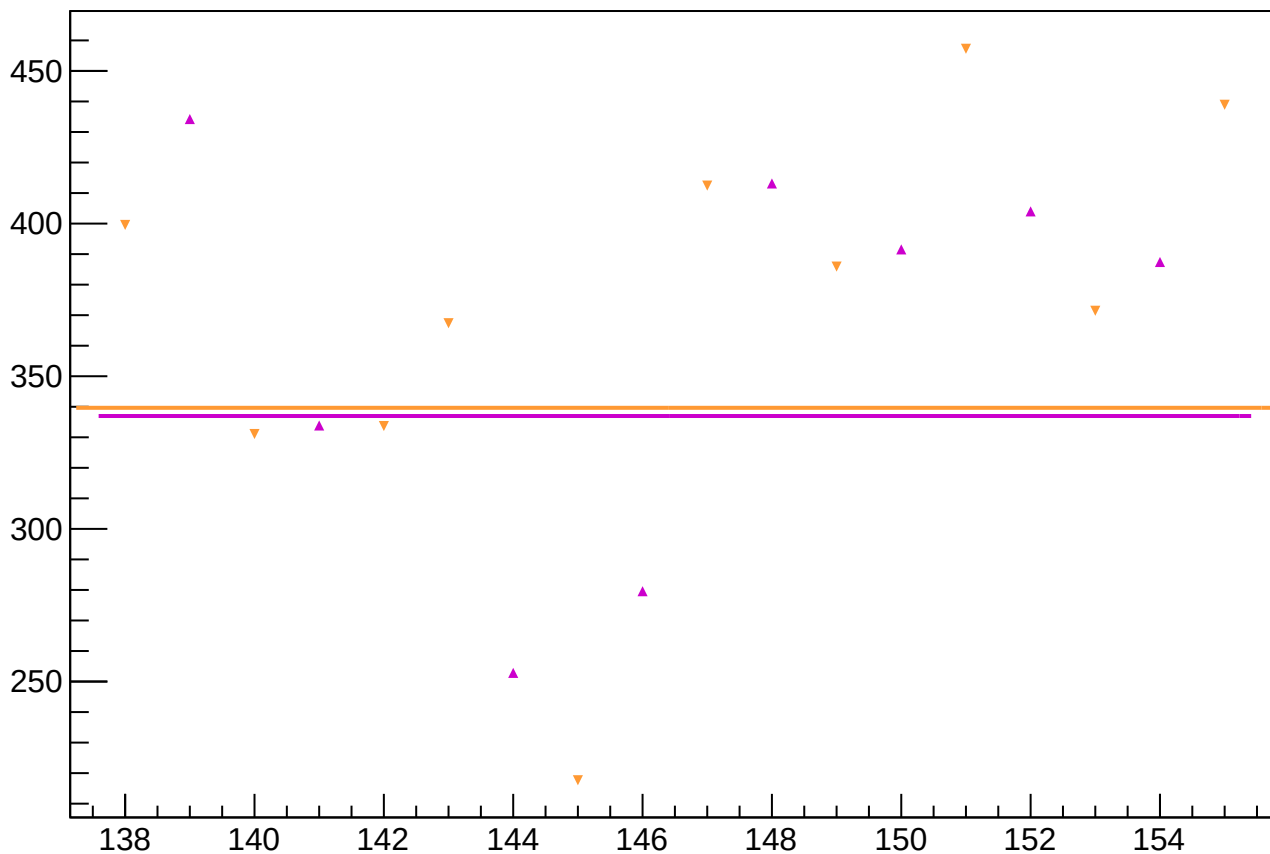
Left In: -132.958+/-133.635 χ^2/NDF : 12.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.432+/-92.845 χ^2/NDF : 42.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_correction_rms vs Slug



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

Left Out: 339.662+/-0.091 χ^2/NDF : 784041.8/9

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

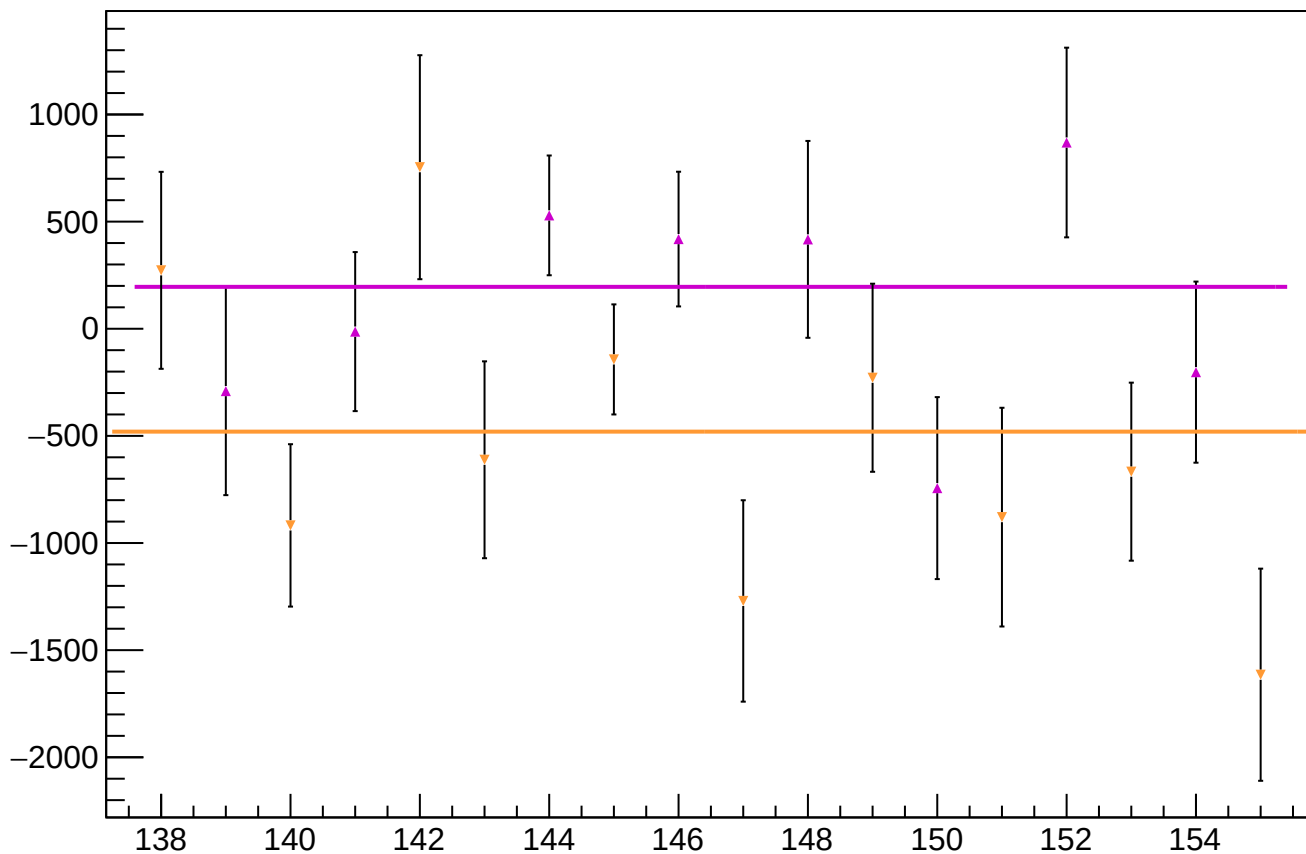
Left In: 336.975+/-0.094 χ^2/NDF : 492884.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.365+/-0.066 χ^2/NDF : 1277344.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -480.129 $\pm$ 130.544 χ^2 /NDF:20.6/9

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

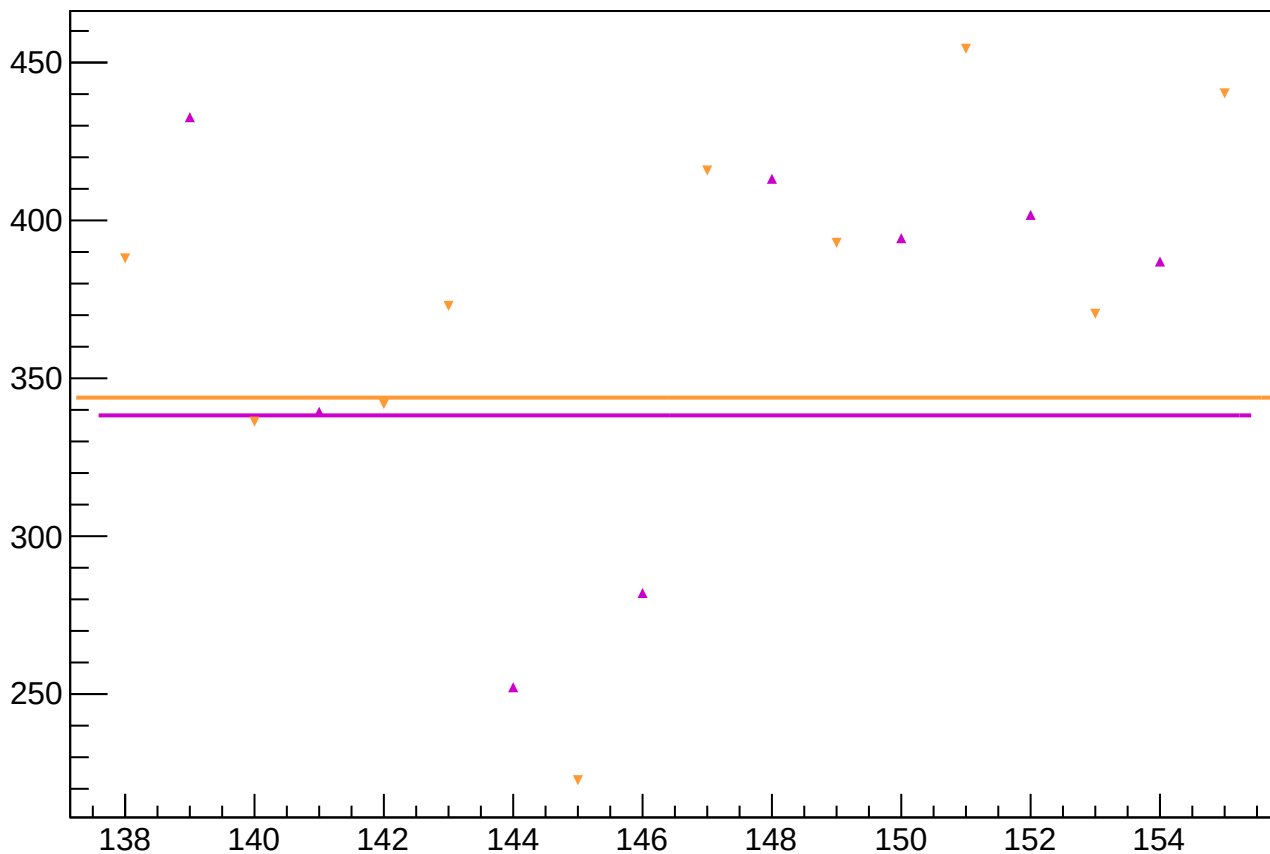
Left In: 195.571 $\pm$ 134.333 χ^2 /NDF:11.6/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -151.943 $\pm$ 93.619 χ^2 /NDF: 45.2/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_rms vs Slug



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

Left Out: 343.885+/-0.092 χ^2/NDF : 721625.3/9

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

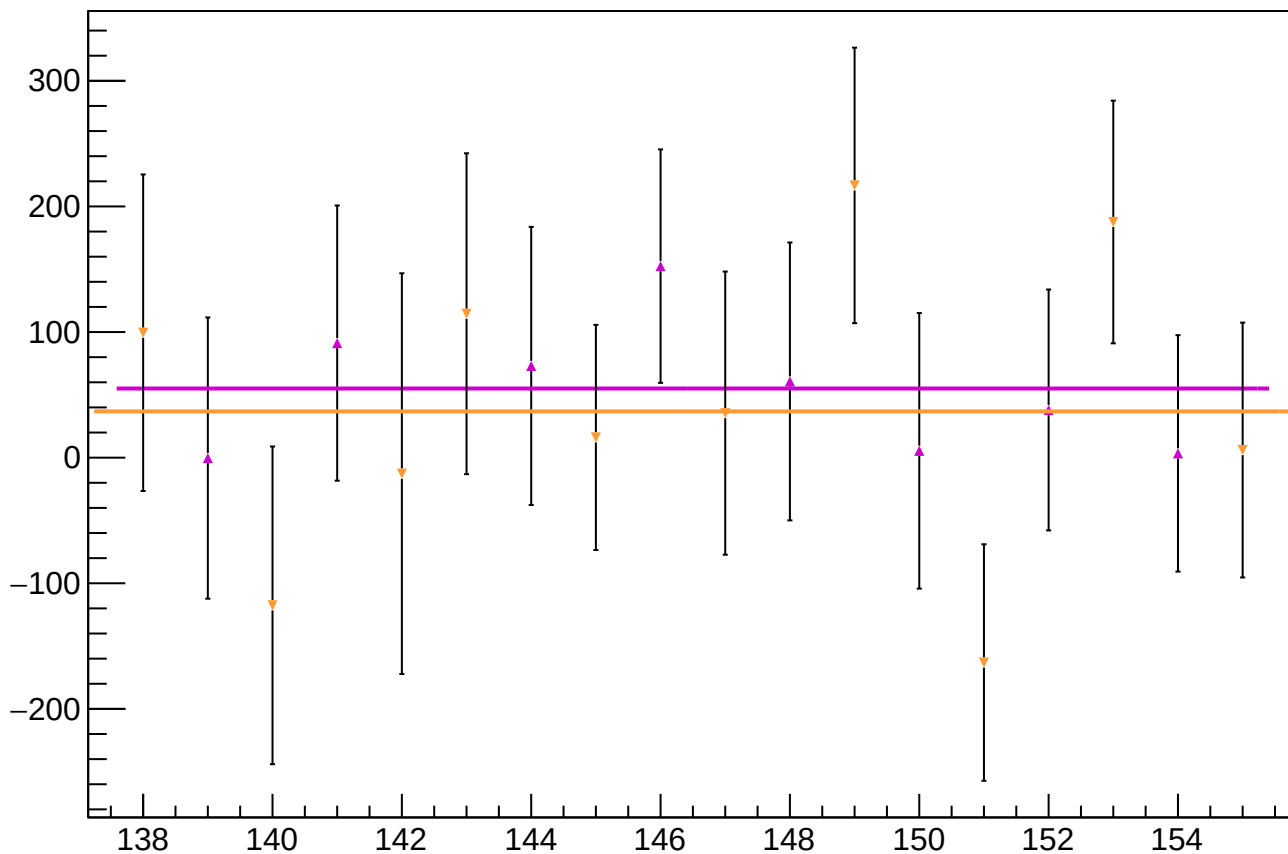
Left In: 338.258+/-0.095 χ^2/NDF : 485469.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.152+/-0.066 χ^2/NDF : 1208899.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



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

Left Out: 36.828 $\pm$ 34.719 χ^2 /NDF:12.0/9

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

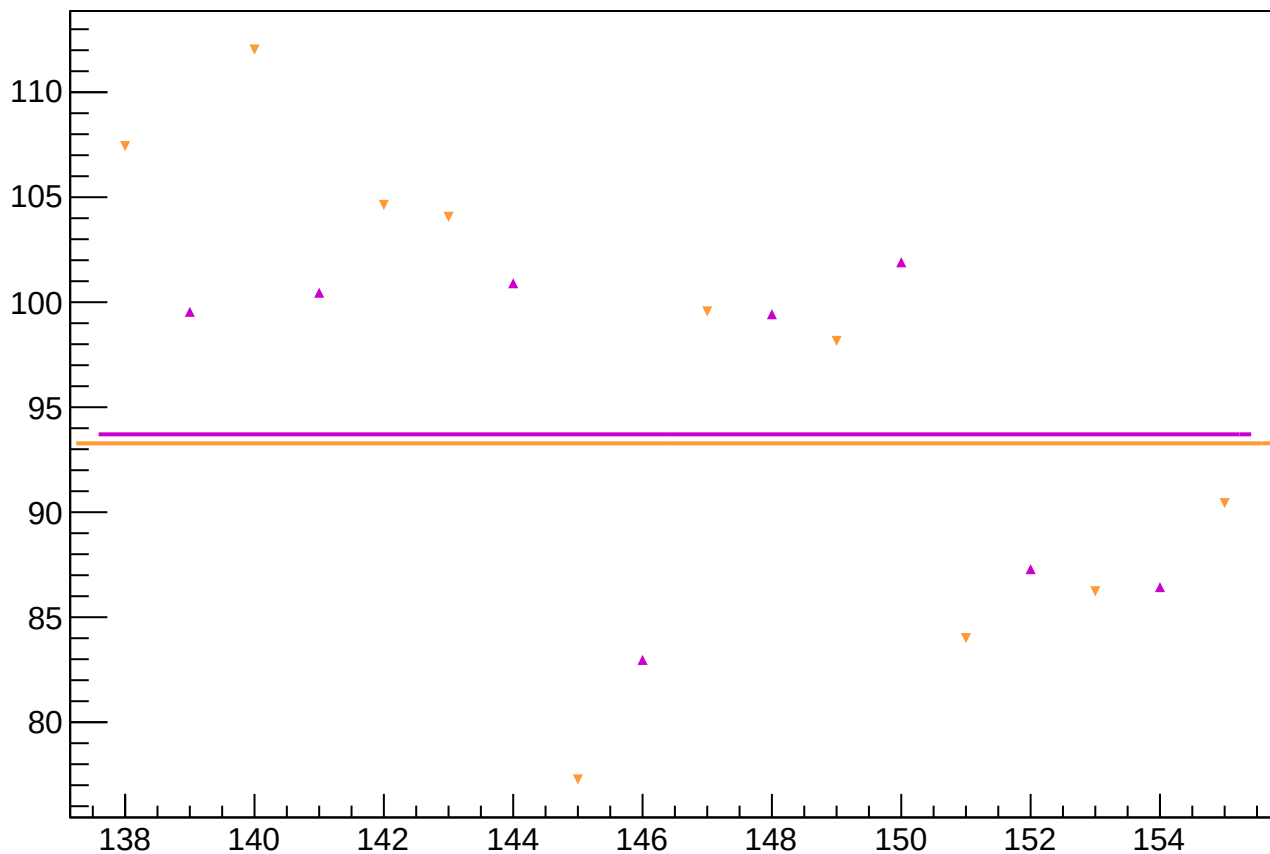
Left In: 55.048 $\pm$ 36.588 χ^2 /NDF:2.0/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.460 $\pm$ 25.185 χ^2 /NDF: 14.1/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



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

Left Out: 93.280+/-0.025 χ^2/NDF :199181.5/9

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

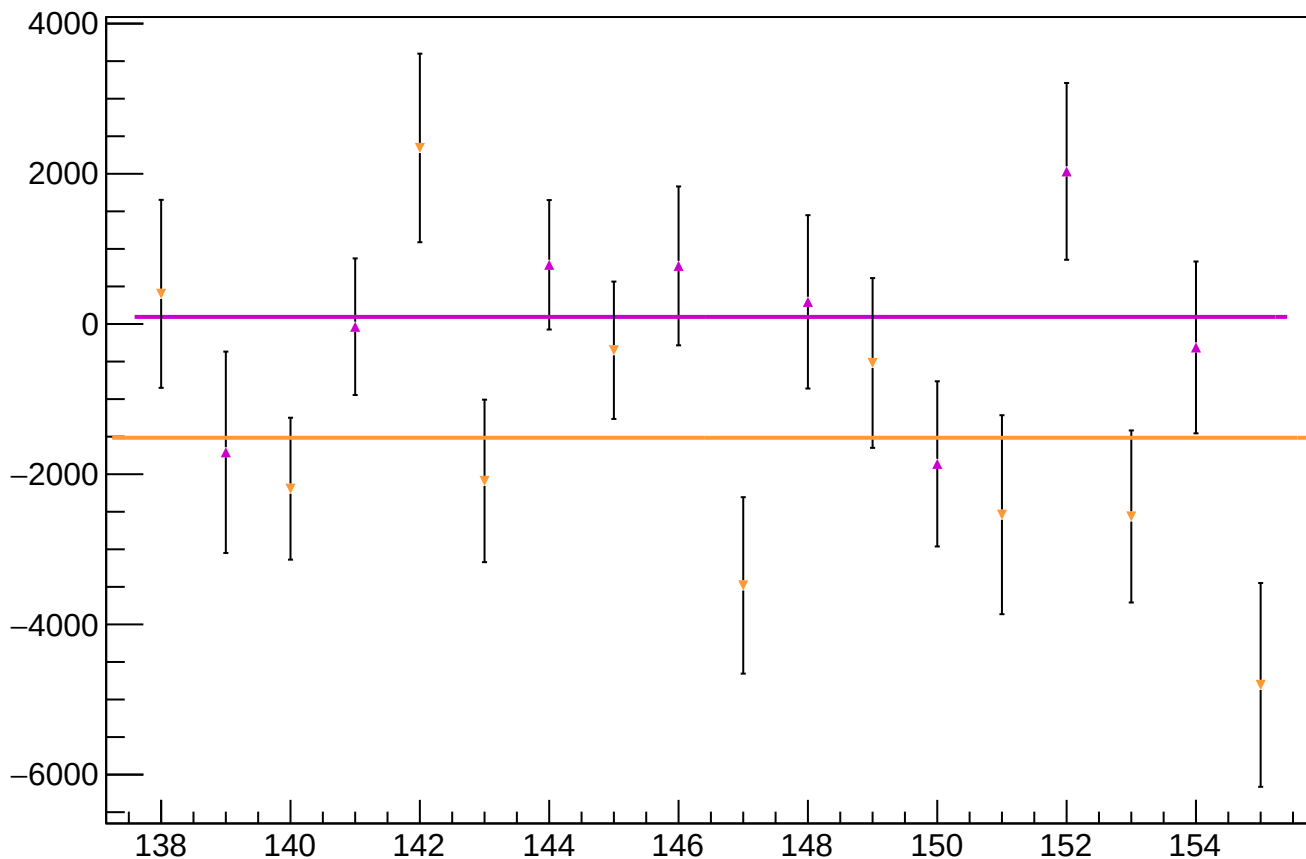
Left In: 93.709+/-0.026 χ^2/NDF :85601.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.483+/-0.018 χ^2/NDF : 284927.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug



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

Left Out: -1514.665 $\pm$ 357.453 χ^2 /NDF:25.1/9

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

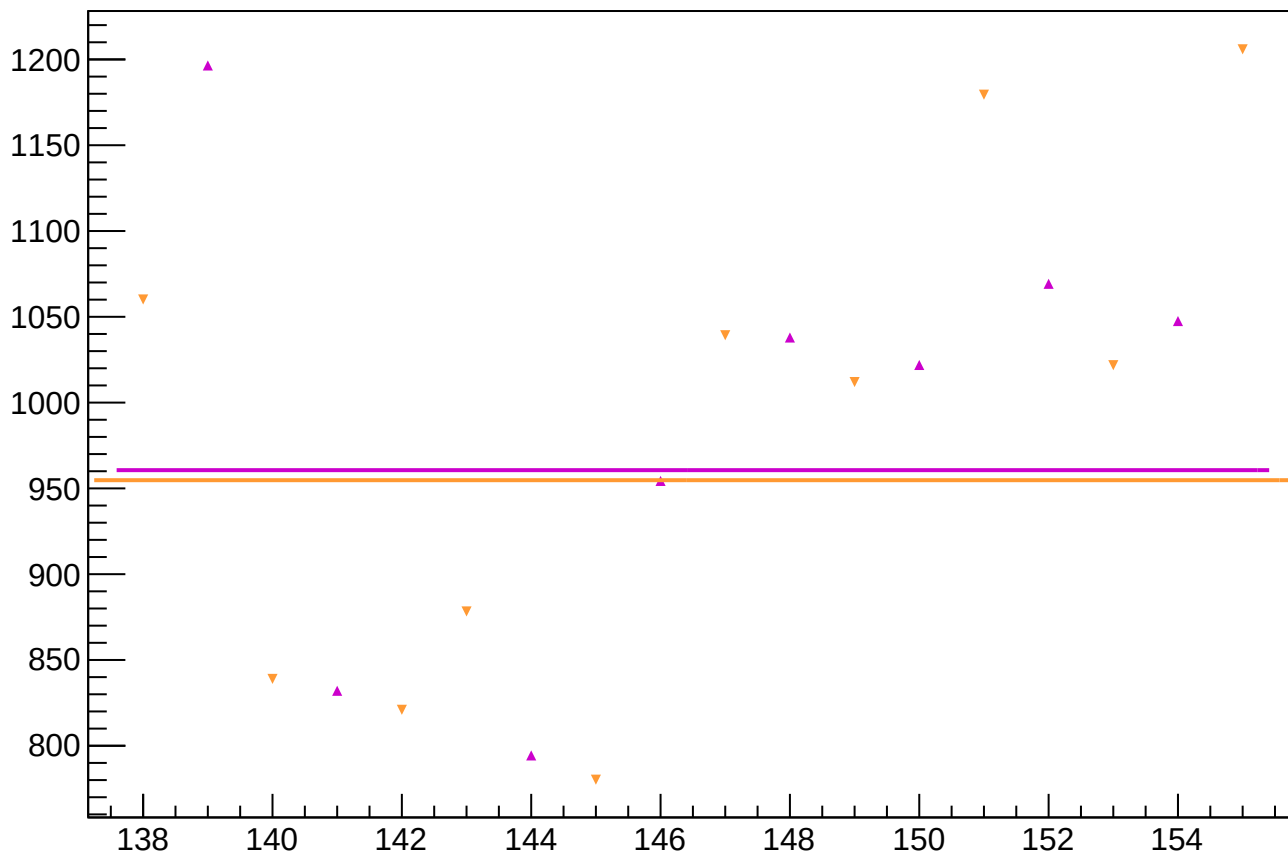
Left In: 94.663 $\pm$ 376.142 χ^2 /NDF:8.9/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -750.975 $\pm$ 259.113 χ^2 /NDF: 43.7/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_correction_rms vs Slug



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

Left Out: 954.777+/-0.253 χ^2/NDF :298184.4/9

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

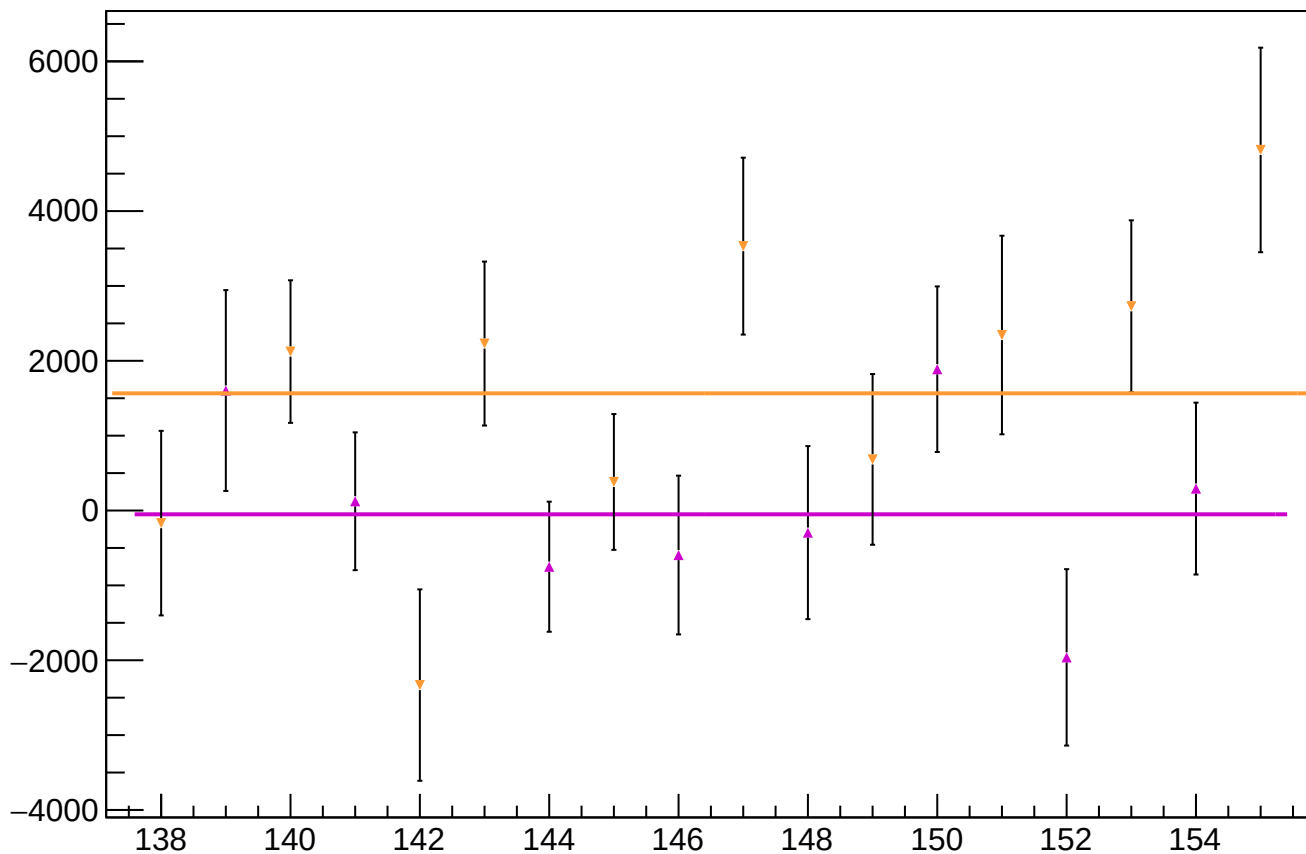
Left In: 960.627+/-0.266 χ^2/NDF :220115.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 957.553+/-0.183 χ^2/NDF : 518554.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_mean vs Slug



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

Left Out: 1565.745+/-358.718 χ^2/NDF : 24.1/9

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

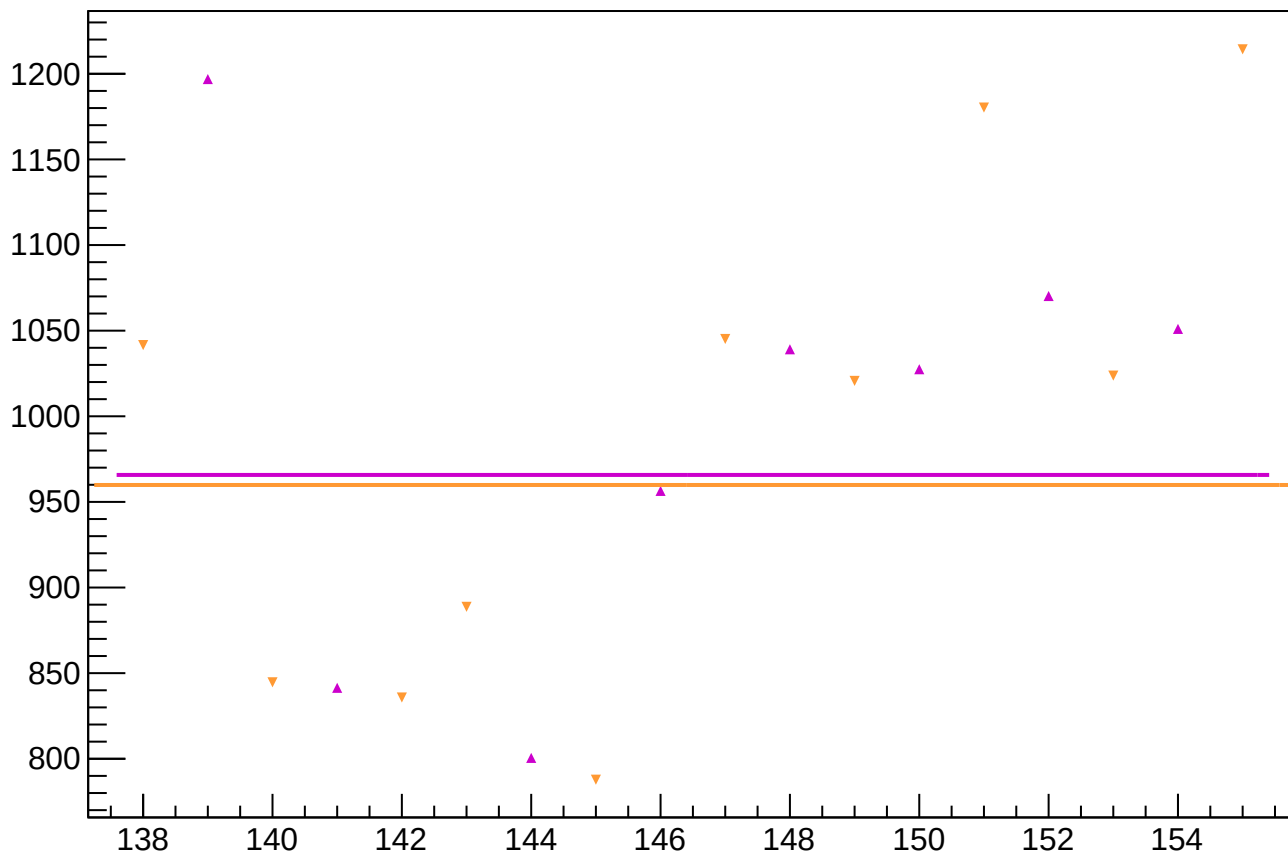
Left In: -50.570+/-378.103 χ^2/NDF : 8.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 800.080+/-260.235 χ^2/NDF : 42.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_rms vs Slug



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

Left Out: 959.886+/-0.254 χ^2/NDF : 284253.4/9

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

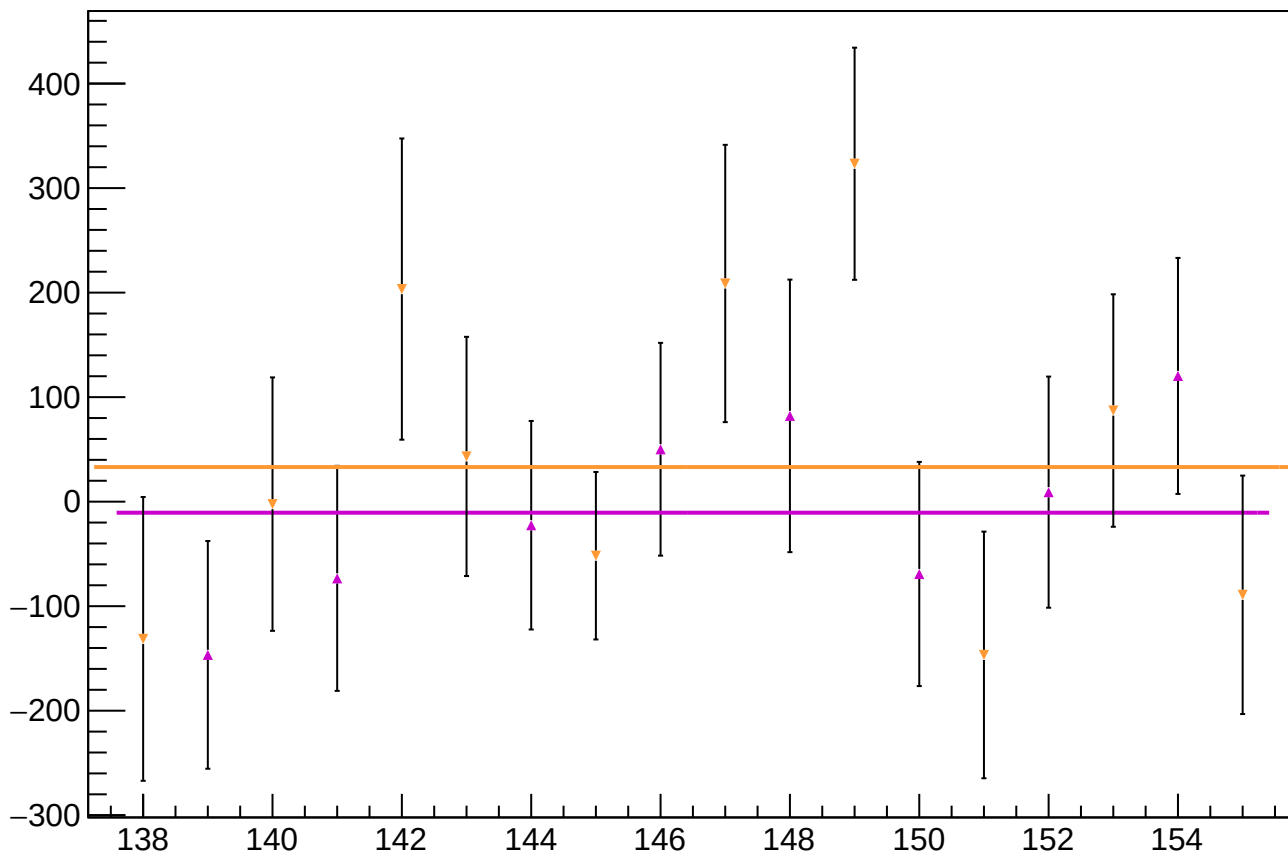
Left In: 965.751+/-0.267 χ^2/NDF : 209418.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.665+/-0.184 χ^2/NDF : 493925.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: 33.118 $\pm$ 36.036 χ^2 /NDF:16.4/9

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

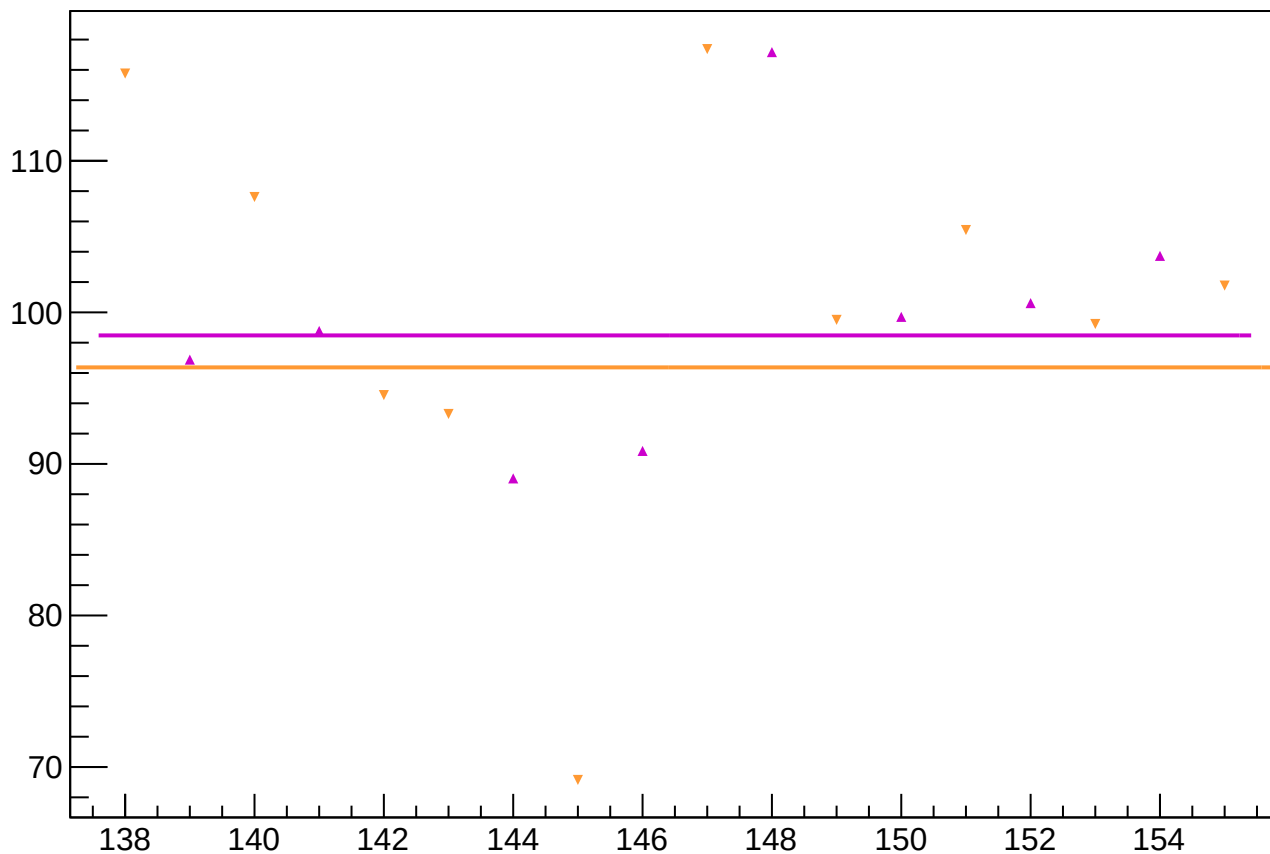
Left In: -10.568 $\pm$ 38.530 χ^2 /NDF:4.4/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.734 $\pm$ 26.319 χ^2 /NDF: 21.5/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



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

Left Out: 96.370+/-0.025 χ^2/NDF : 359916.5/9

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

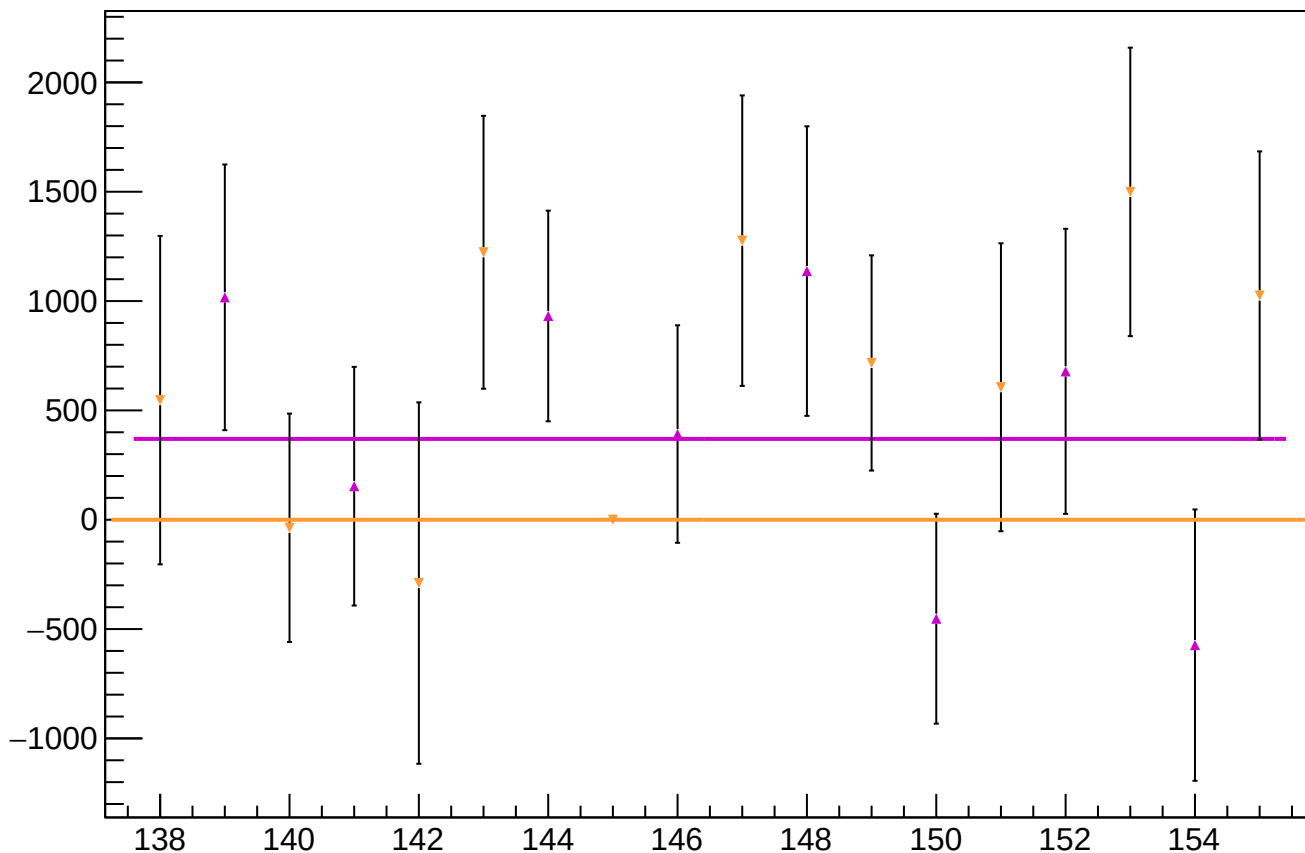
Left In: 98.480+/-0.027 χ^2/NDF : 75990.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.354+/-0.019 χ^2/NDF : 439105.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

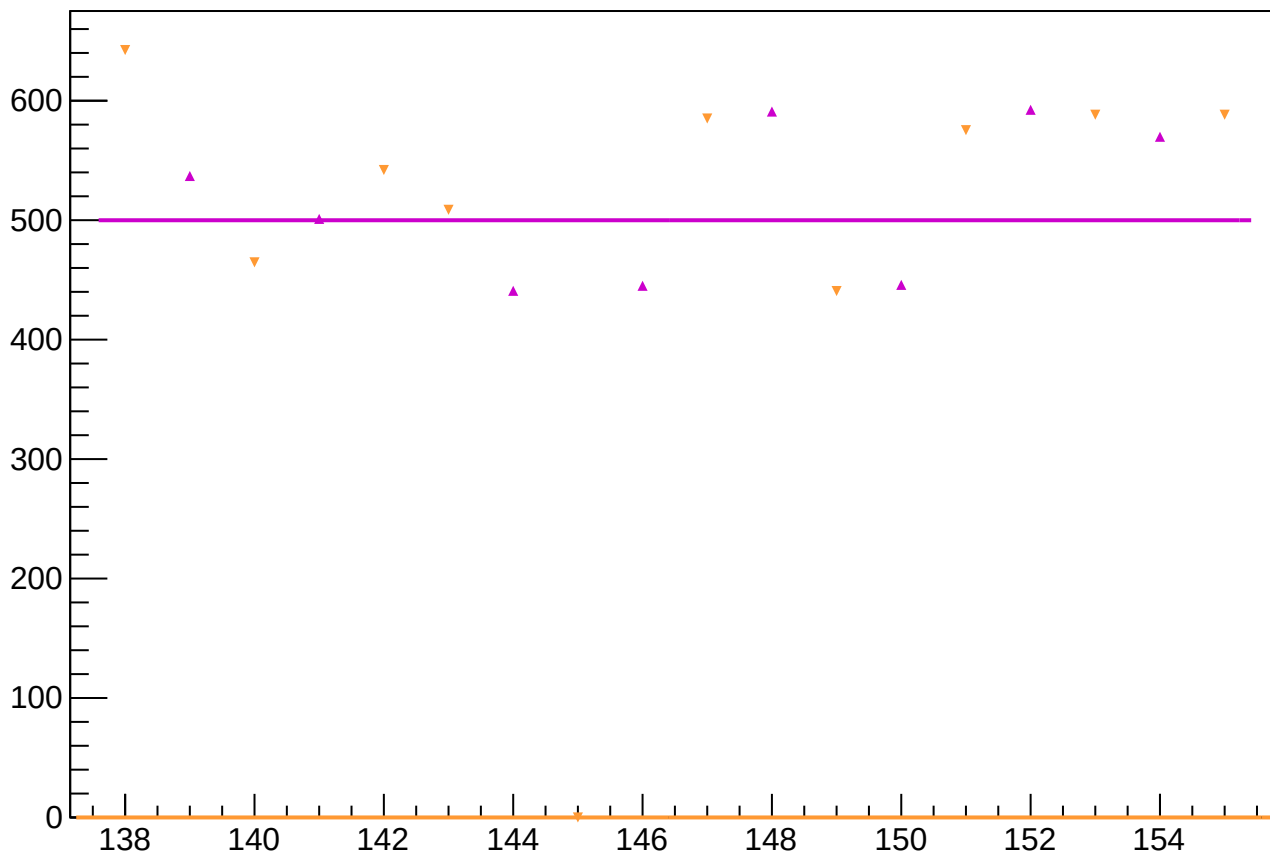
asym_sam_26_48_dd_correction_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.000+/-0.000 χ^2/NDF : 18.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 369.638+/-196.135 χ^2/NDF : 9.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 31.8/17
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_rms vs Slug



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

Left Out: 0.000+/-0.000 χ^2/NDF :13102769.3/9

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

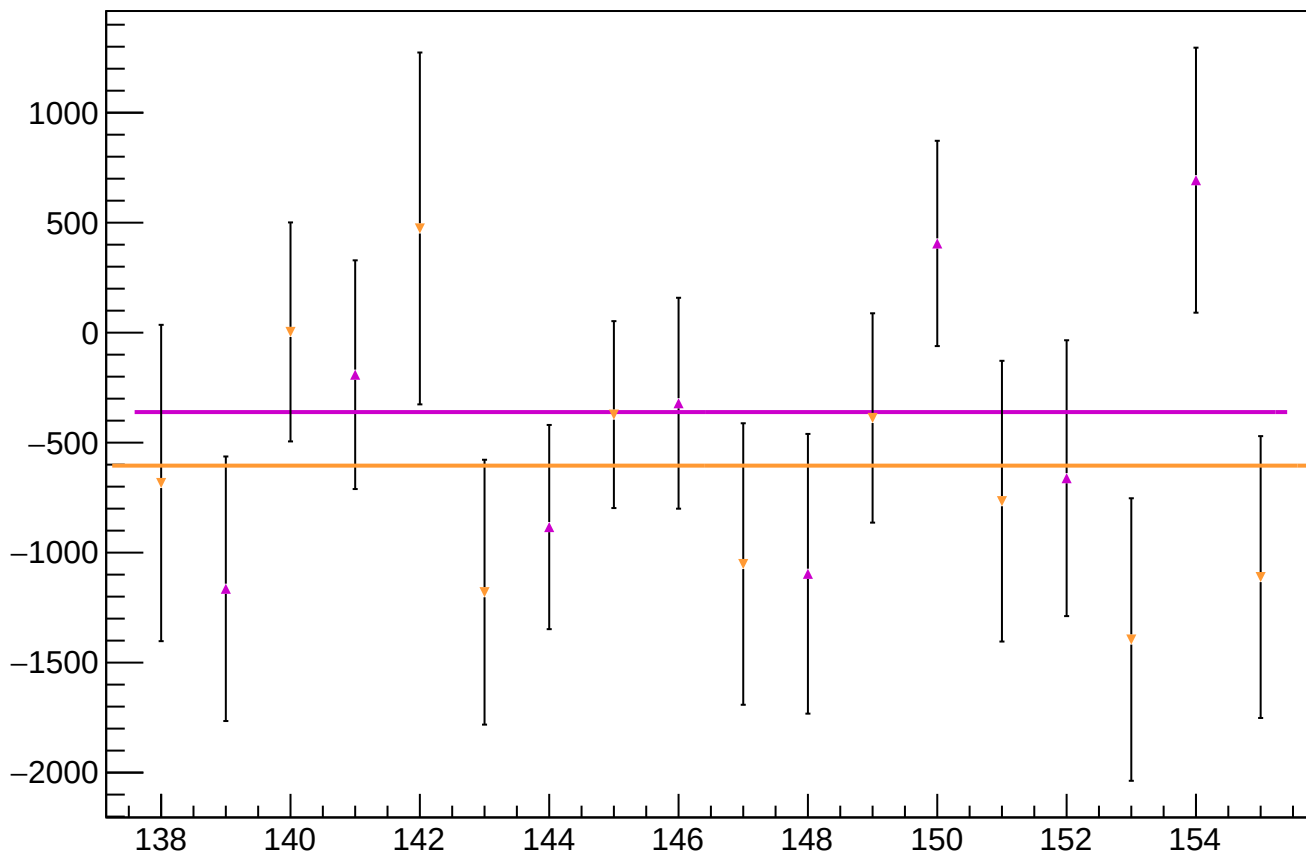
Left In: 499.948+/-0.139 χ^2/NDF :190683.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26288287.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -604.481+/-182.554 χ^2/NDF : 7.4/9

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

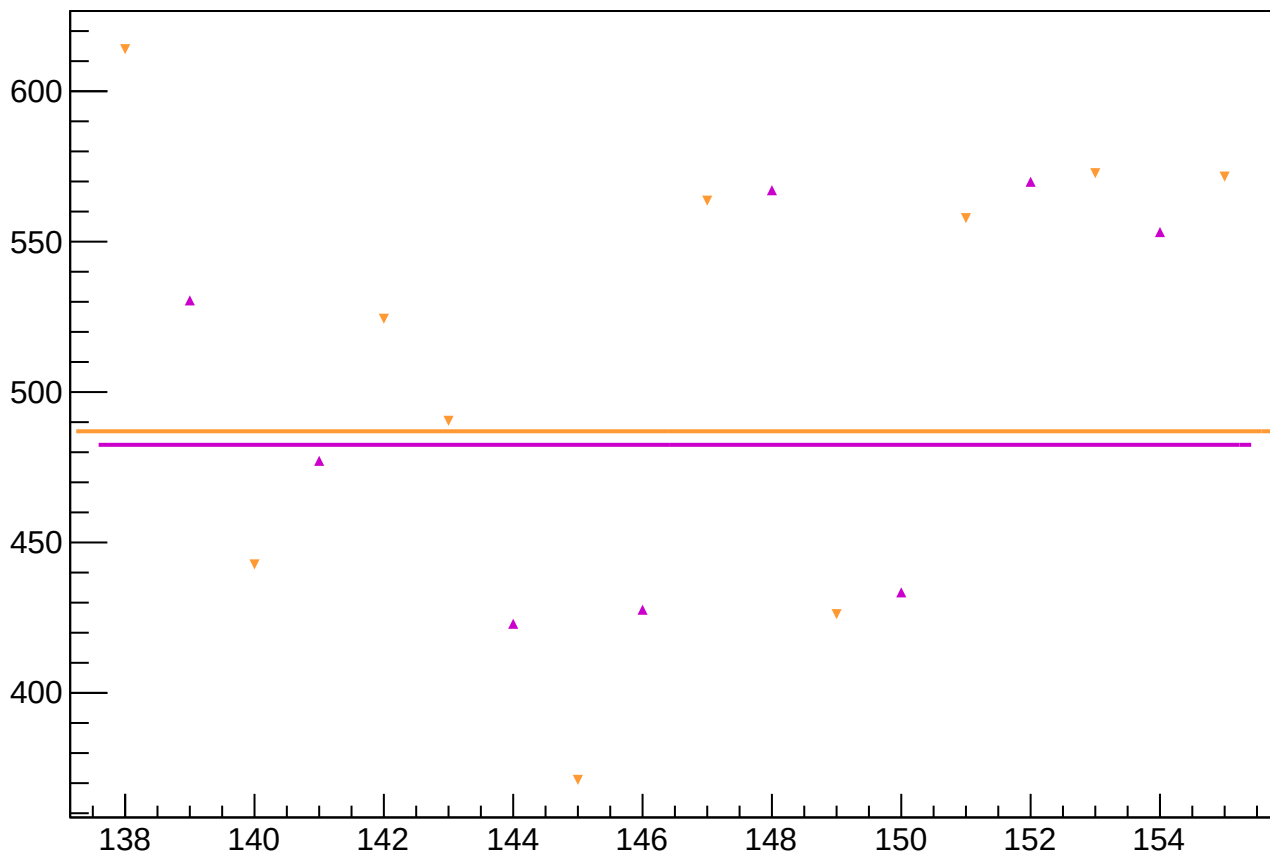
Left In: -361.055+/-189.582 χ^2/NDF : 10.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -487.364+/-131.499 χ^2/NDF : 18.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_rms vs Slug



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

Left Out: 486.970+/-0.129 χ^2/NDF : 388037.0/9

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

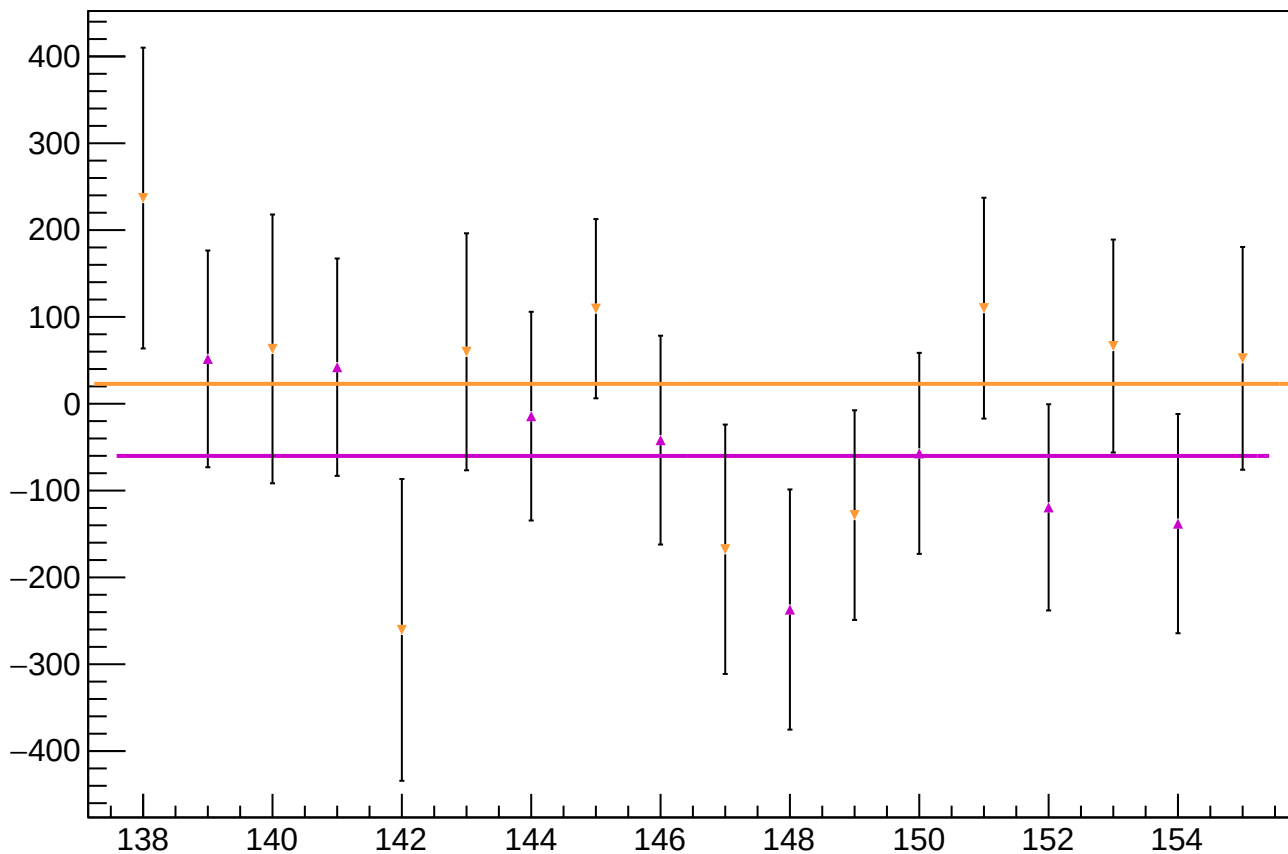
Left In: 482.464+/-0.134 χ^2/NDF : 195942.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.802+/-0.093 χ^2/NDF : 584565.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 22.921 +/- 42.183 χ^2/NDF : 9.0/9

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

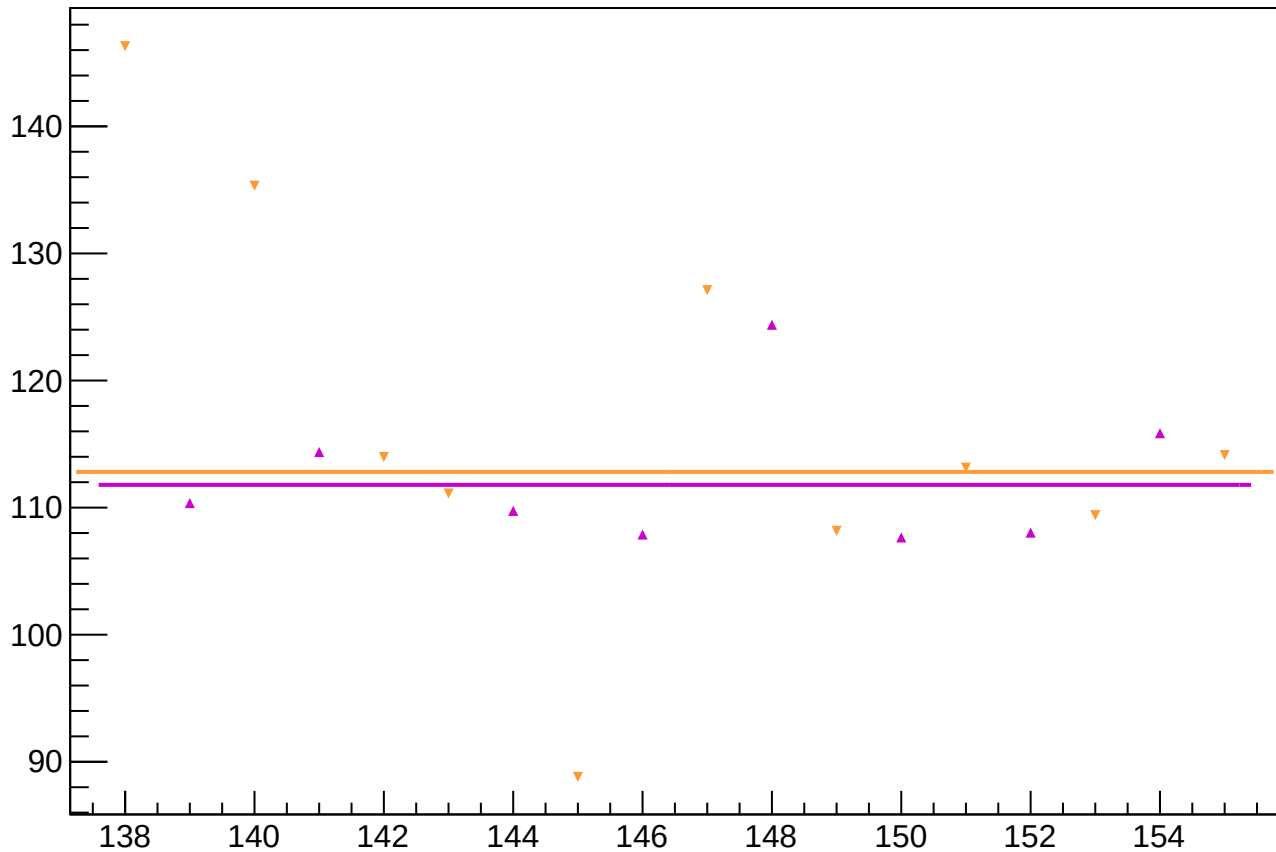
Left In: -60.072 +/- 43.563 χ^2/NDF : 3.9/7

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -17.240 +/- 30.304 χ^2/NDF : 14.8/17

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 112.811+/-0.030 χ^2/NDF :250180.3/9

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

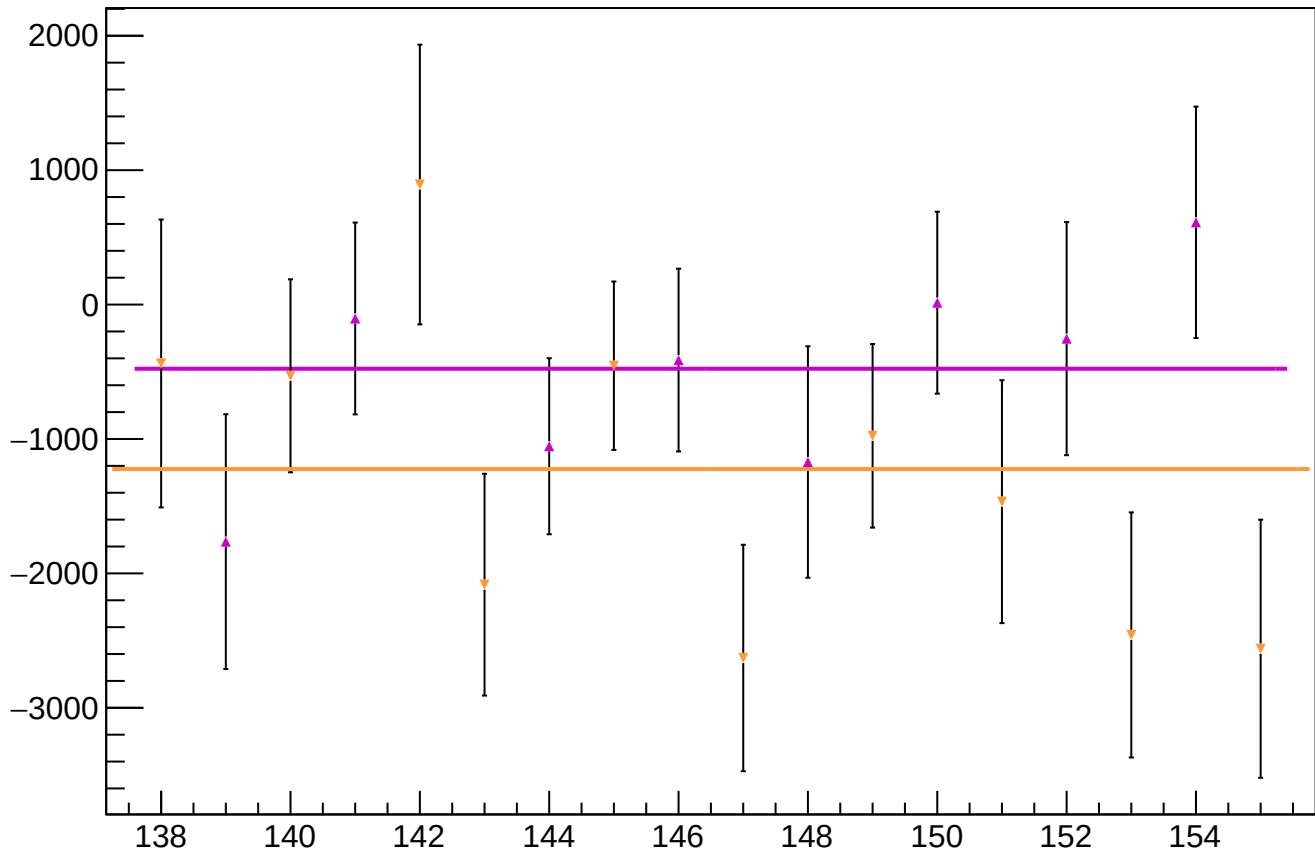
Left In: 111.790+/-0.031 χ^2/NDF :27024.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.317+/-0.021 χ^2/NDF : 277772.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -1223.831+/-259.789 χ^2/NDF :15.0/9

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

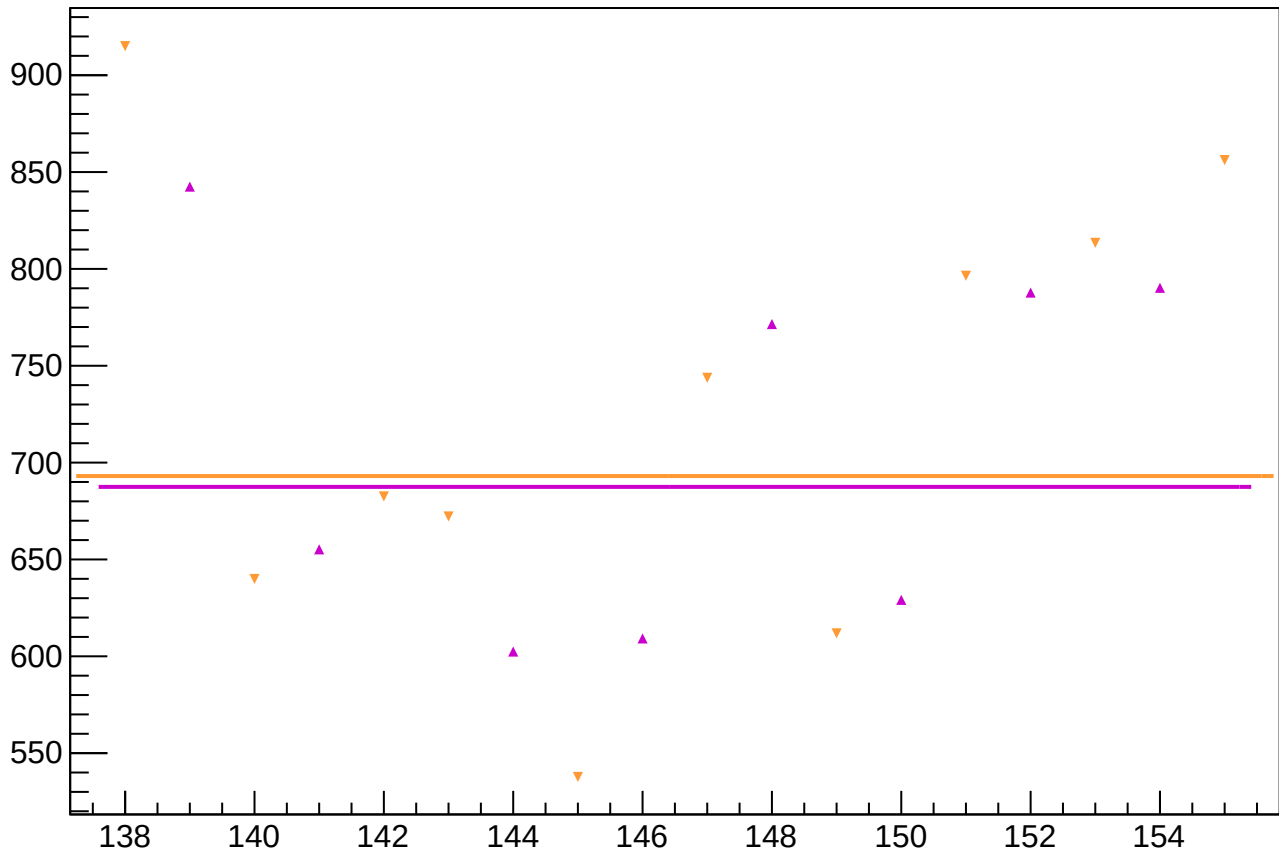
Left In: -477.227+/-269.375 χ^2/NDF :5.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -864.049+/-186.996 χ^2/NDF : 24.7/17

- 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: 693.059+/-0.184 χ^2/NDF : 375598.4/9

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

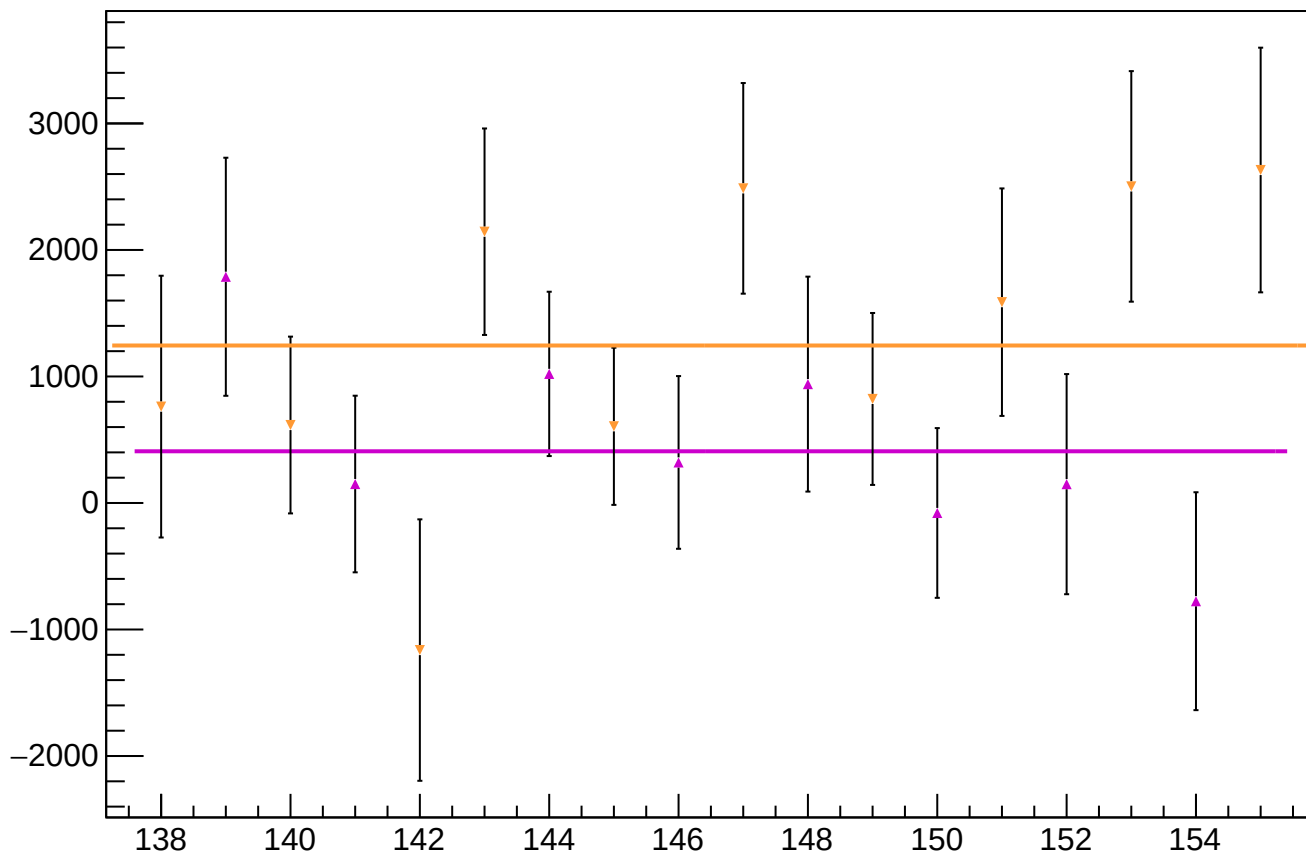
Left In: 687.468+/-0.190 χ^2/NDF : 206968.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.365+/-0.132 χ^2/NDF : 583013.7/17

- 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: 1244.829+/-257.068 χ^2/NDF : 15.4/9

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

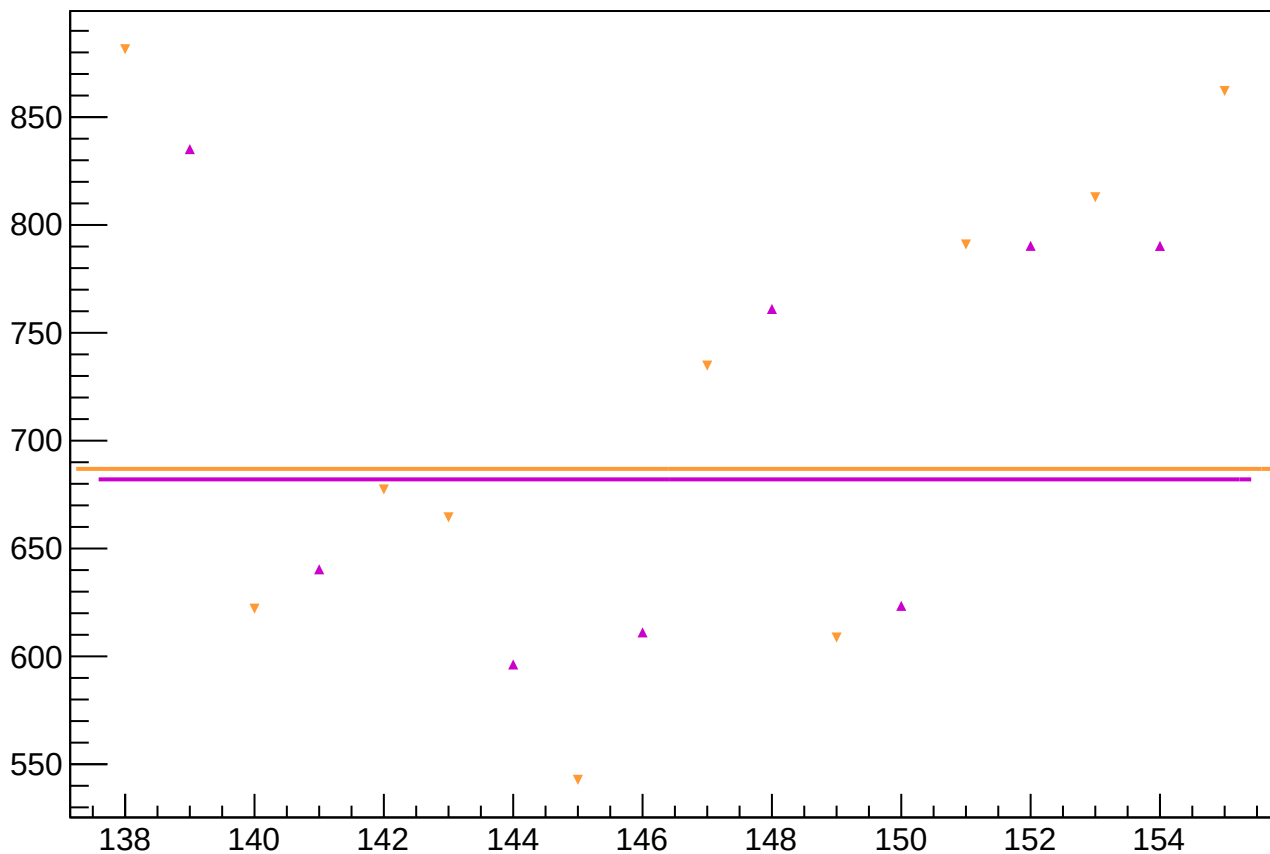
Left In: 408.640+/-267.489 χ^2/NDF : 6.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.340+/-185.349 χ^2/NDF : 26.6/17

- 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: 686.926+/-0.182 χ^2/NDF : 361069.7/9

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

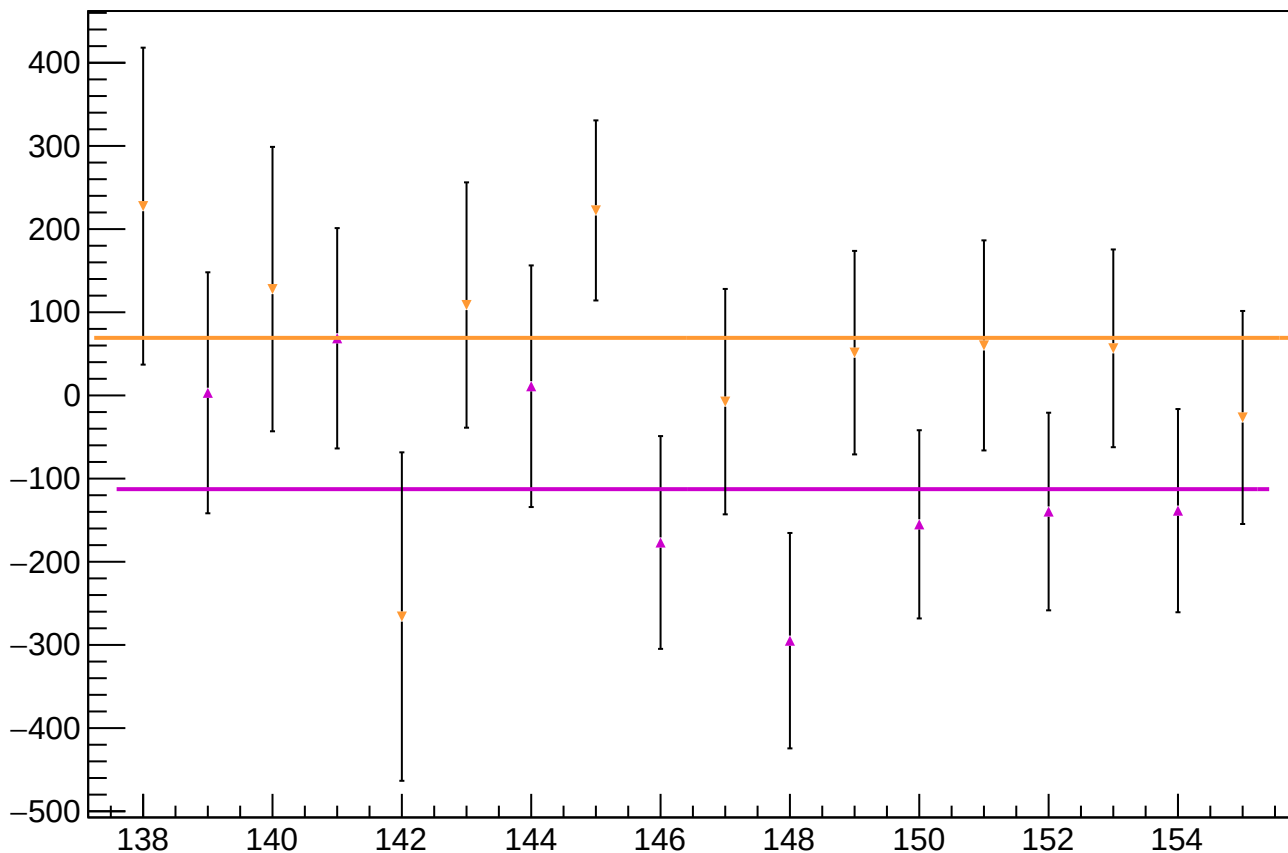
Left In: 682.054+/-0.189 χ^2/NDF : 211764.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.587+/-0.131 χ^2/NDF : 573179.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



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

Left Out: 69.223 $\pm$ 43.262 χ^2 /NDF: 6.7/9

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

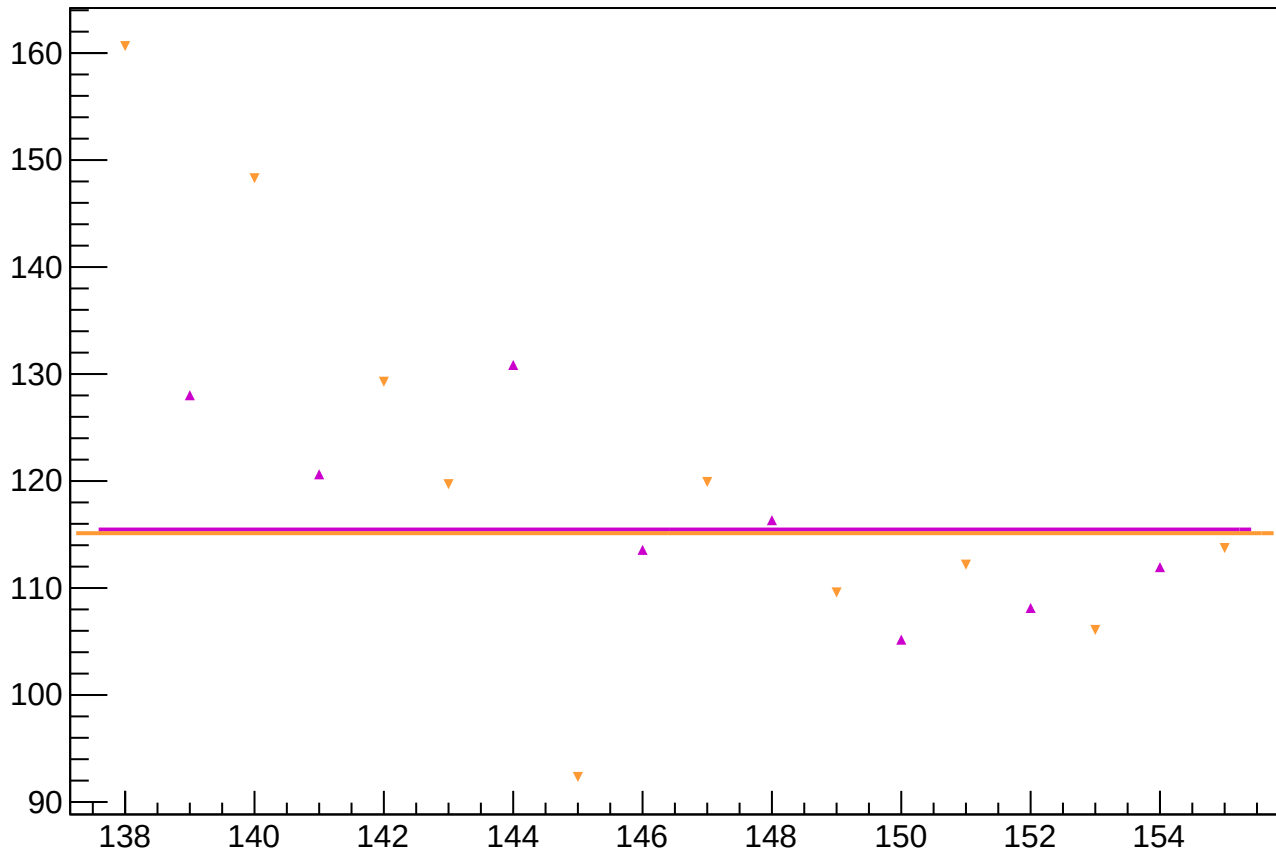
Left In: -112.692 $\pm$ 45.239 χ^2 /NDF: 5.7/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.673 $\pm$ 31.266 χ^2 /NDF: 20.8/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



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

Left Out: 115.124+/-0.031 χ^2/NDF : 309715.9/9

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

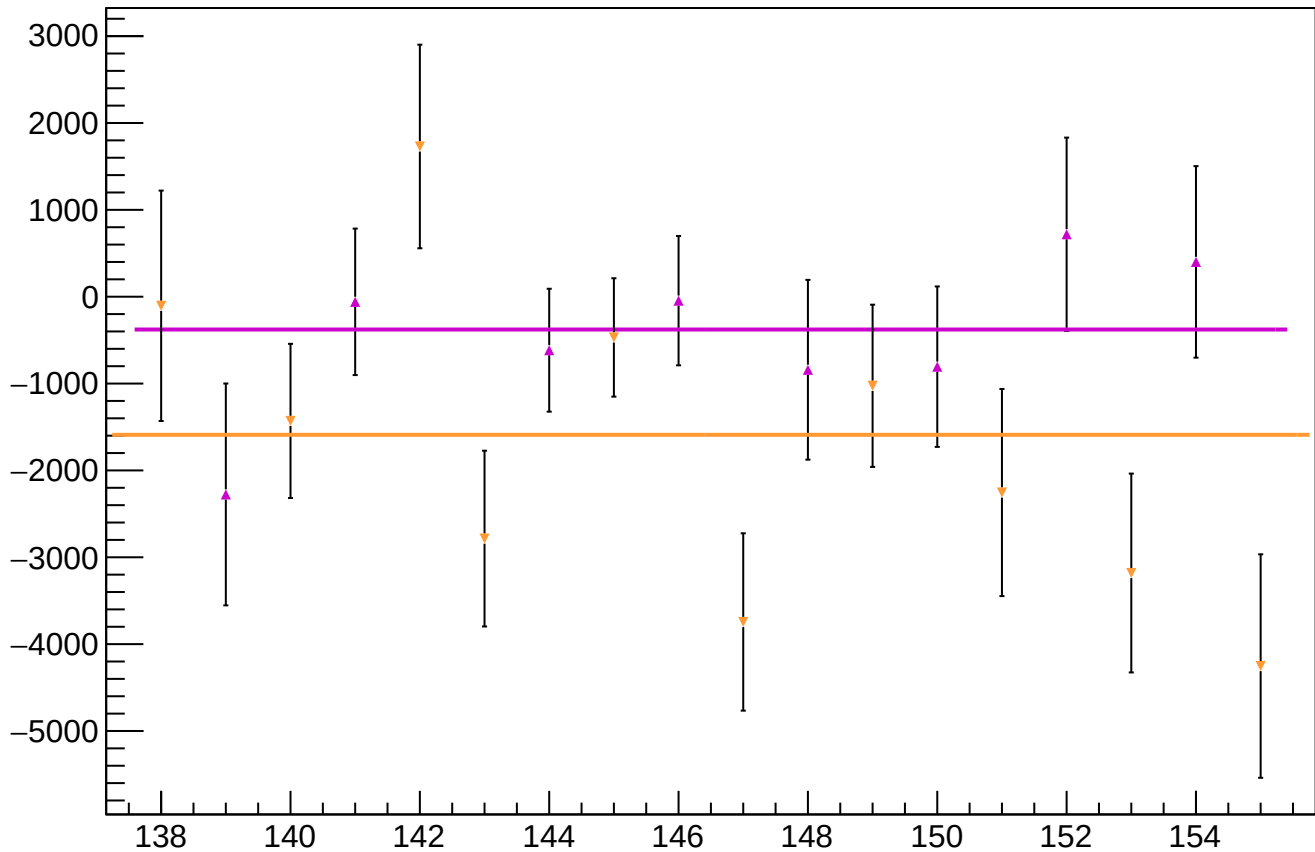
Left In: 115.465+/-0.032 χ^2/NDF : 66815.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.287+/-0.022 χ^2/NDF : 376591.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1590.067+/-318.272 χ^2/NDF :24.8/9

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

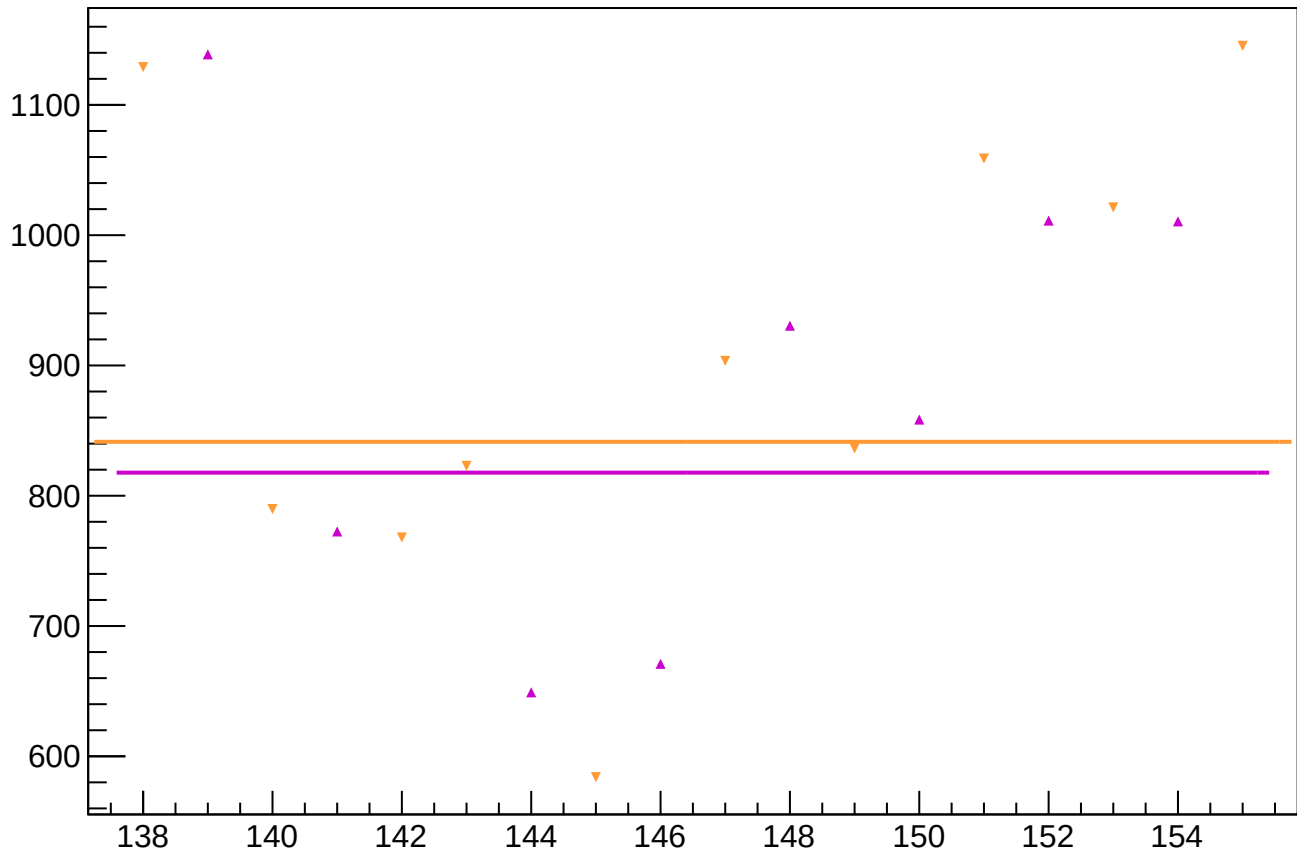
Left In: -377.730+/-323.483 χ^2/NDF :4.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -993.742+/-226.872 χ^2/NDF : 36.4/17

- sign 0.000+/-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: 841.403+/-0.225 χ^2/NDF : 629591.1/9

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

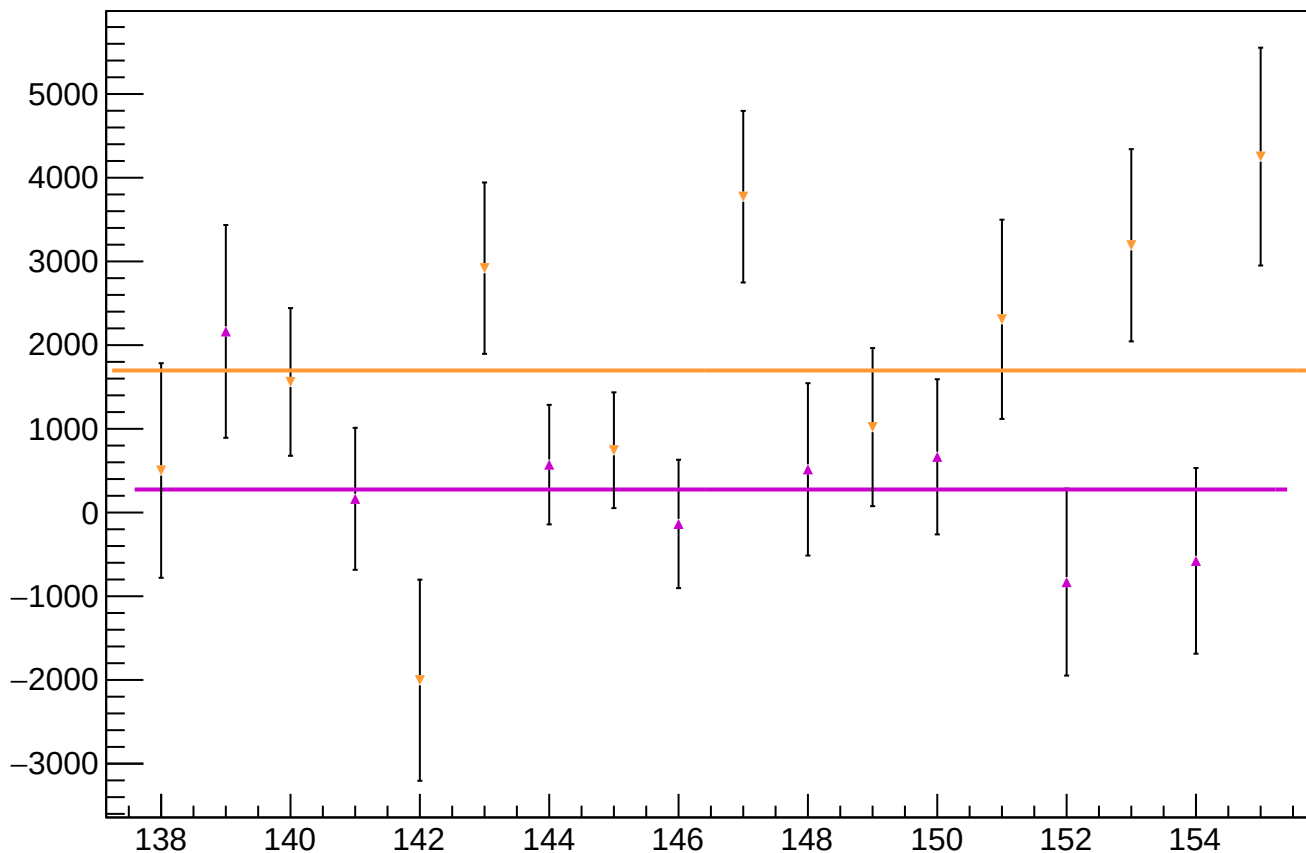
Left In: 817.740+/-0.229 χ^2/NDF : 472784.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 829.764+/-0.160 χ^2/NDF : 1107813.9/17

- 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: 1697.284+/-320.120 χ^2/NDF : 24.1/9

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

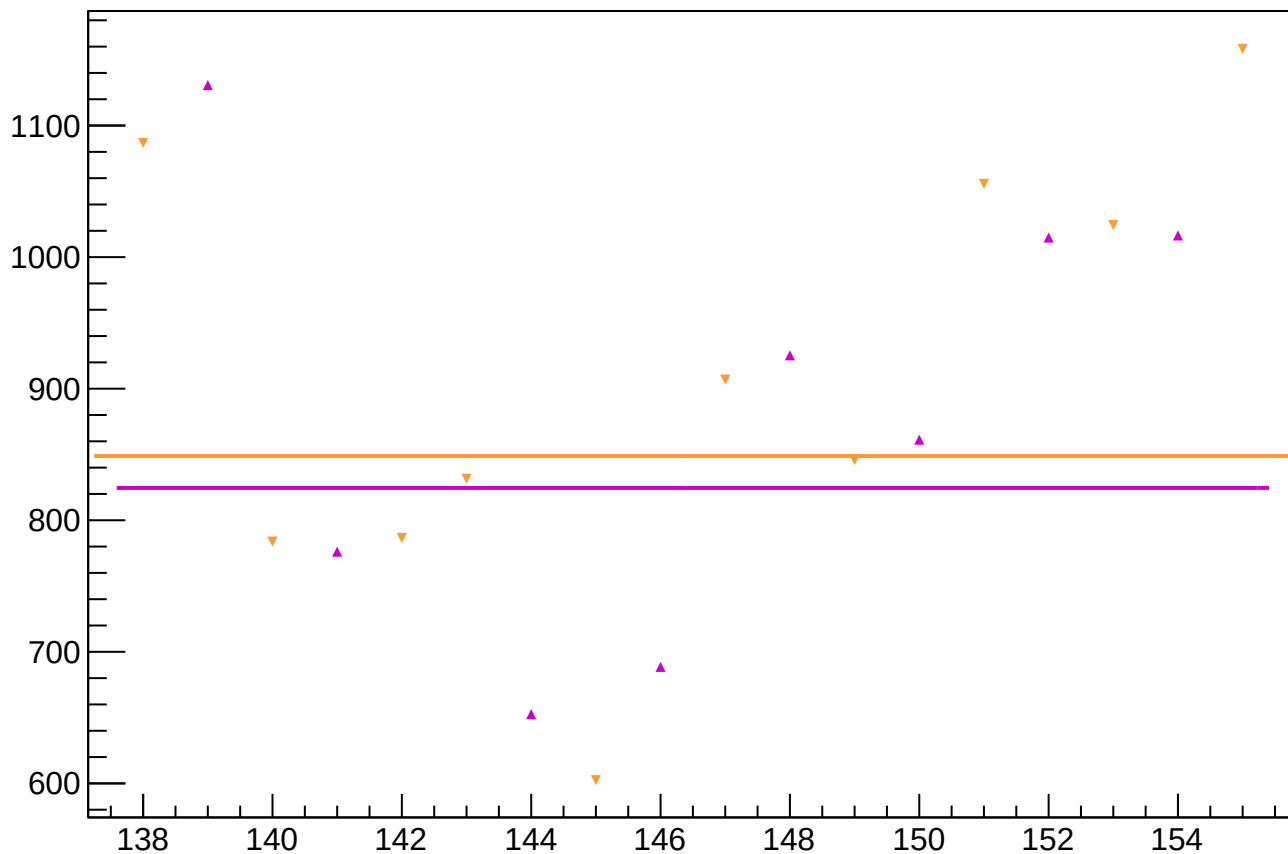
Left In: 275.149+/-326.305 χ^2/NDF : 4.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.824+/-228.514 χ^2/NDF : 38.3/17

- 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: 848.836+/-0.226 χ^2/NDF : 566197.0/9

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

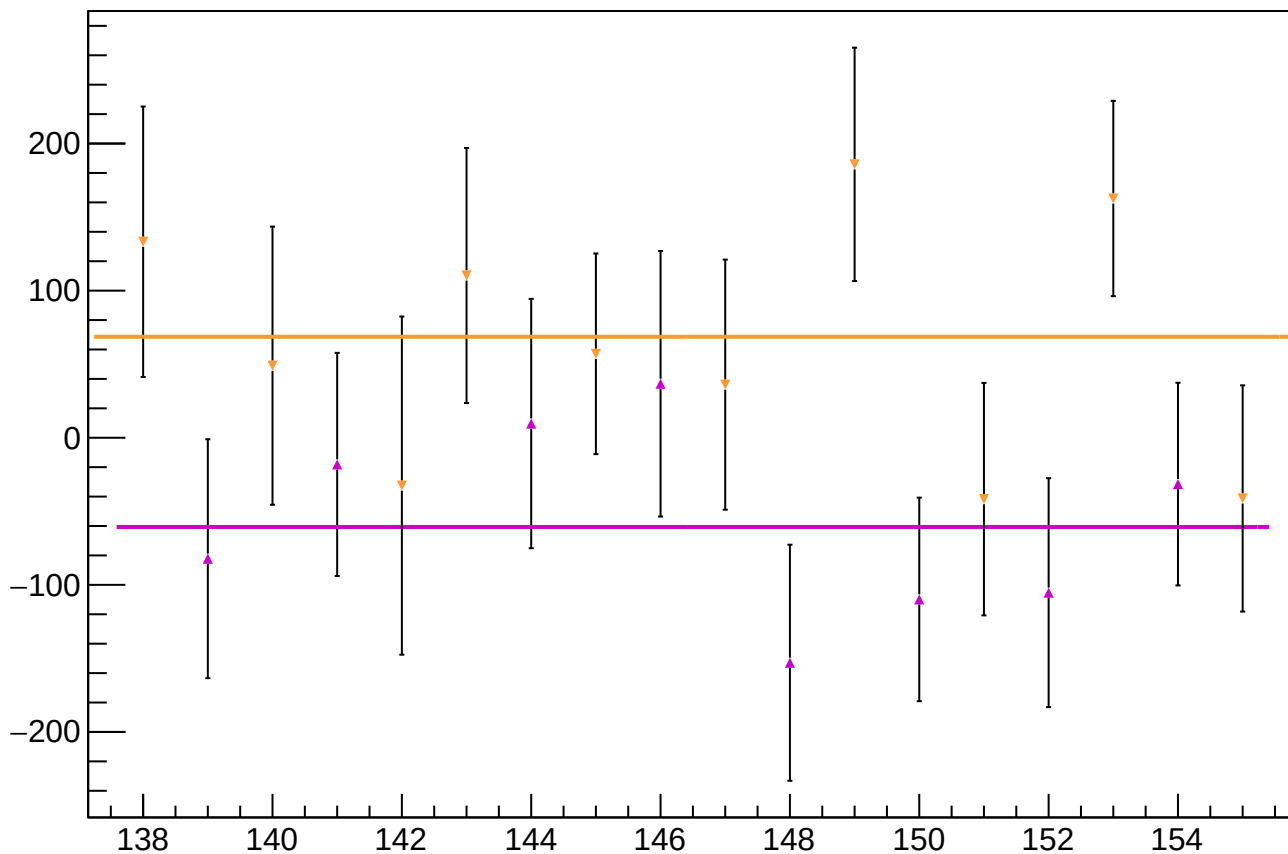
Left In: 824.593+/-0.231 χ^2/NDF : 441675.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.947+/-0.162 χ^2/NDF : 1013497.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 68.654 $\pm$ 25.757 χ^2 /NDF:9.9/9

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

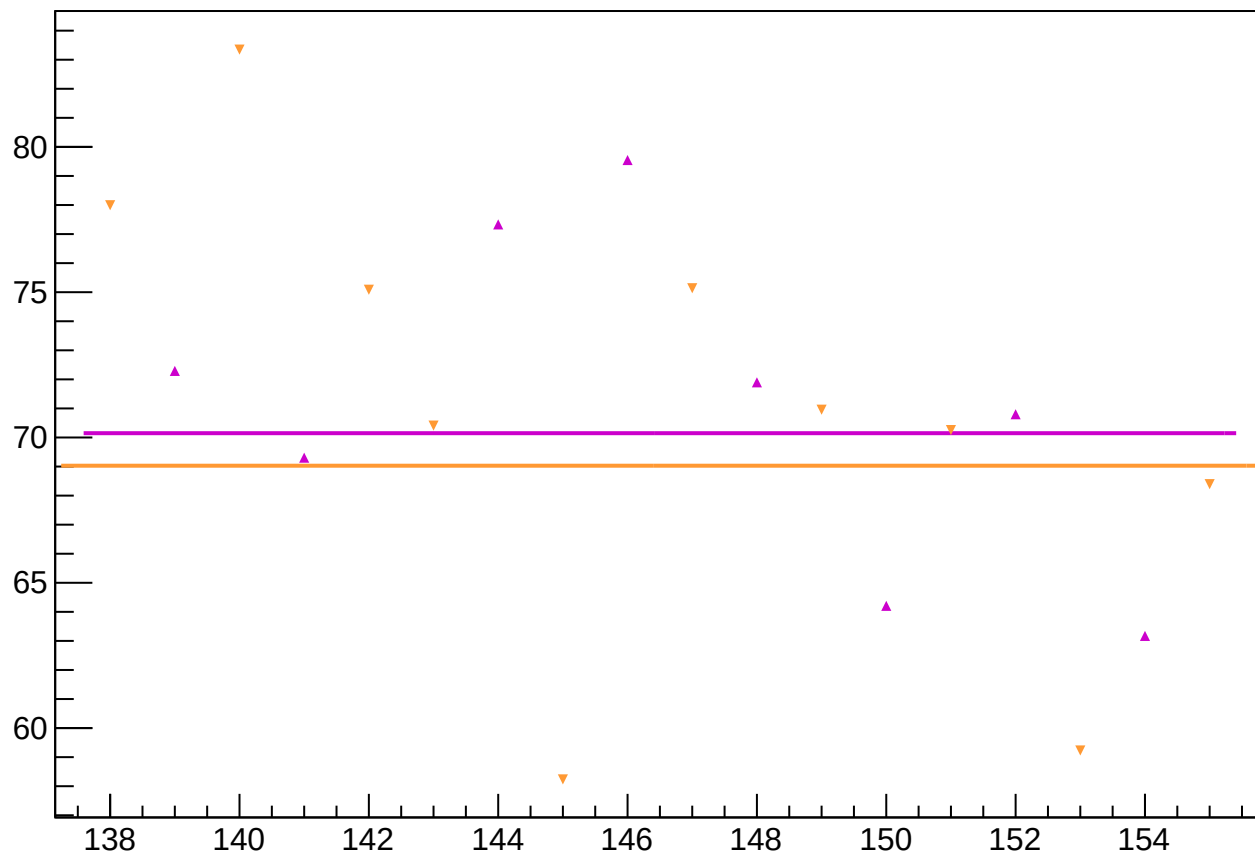
Left In: -60.645 $\pm$ 27.446 χ^2 /NDF:4.6/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.104 $\pm$ 18.781 χ^2 /NDF: 26.3/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



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

Left Out: 69.029+/-0.018 χ^2/NDF :176762.6/9

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

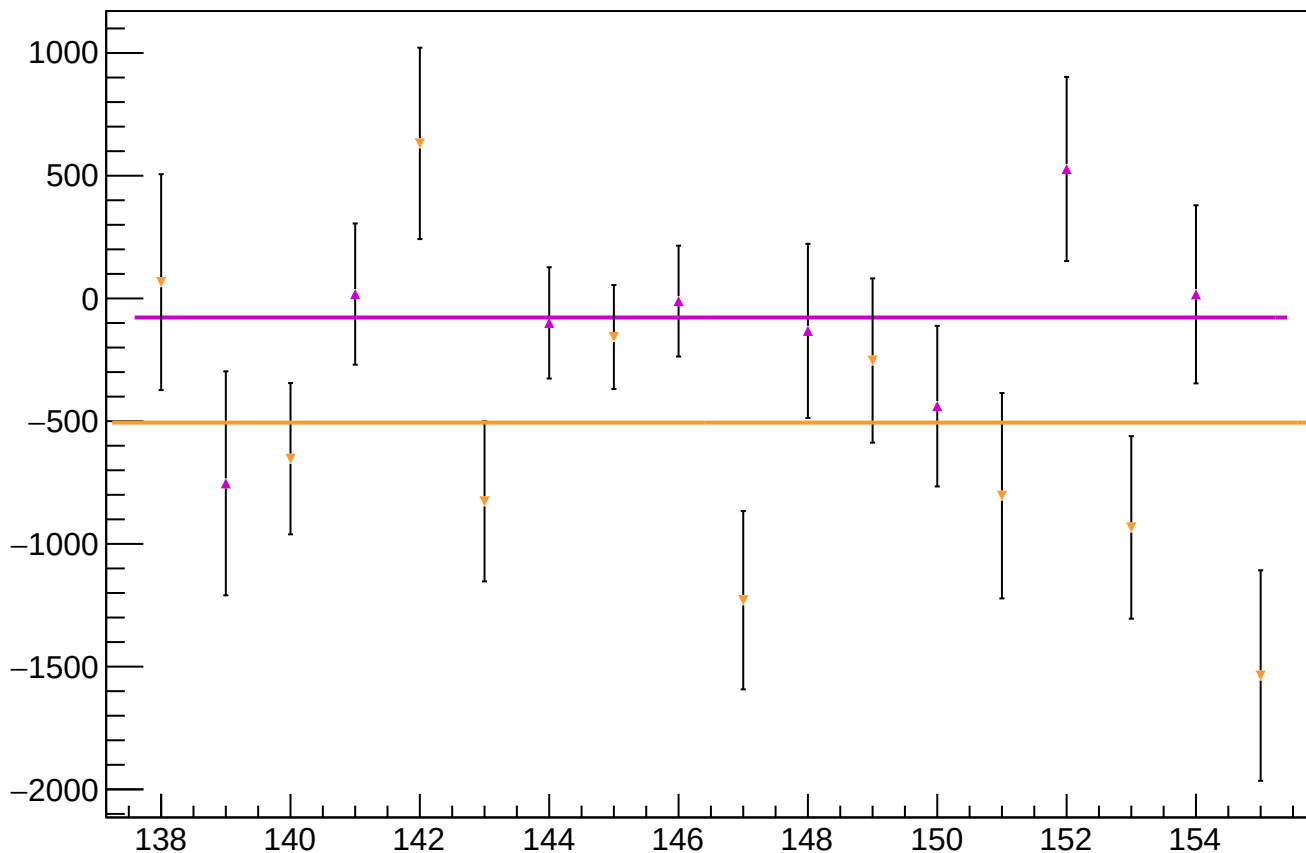
Left In: 70.148+/-0.019 χ^2/NDF :74057.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.553+/-0.013 χ^2/NDF : 252587.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -505.684+/-106.090 χ^2/NDF : 26.2/9

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

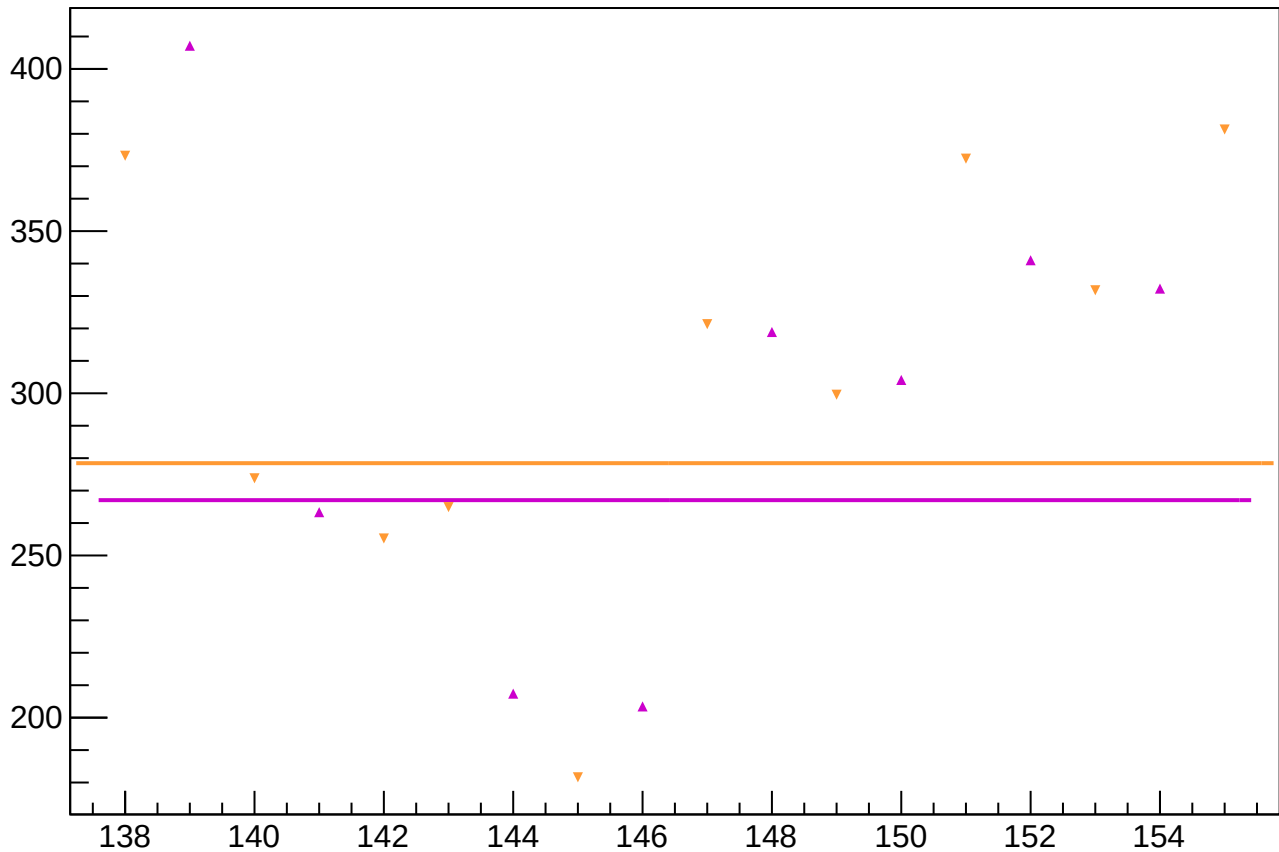
Left In: -77.627+/-106.634 χ^2/NDF : 6.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -292.752+/-75.209 χ^2/NDF : 40.7/17

- sign 0.000+/-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: 278.455+/-0.075 χ^2/NDF : 814196.3/9

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

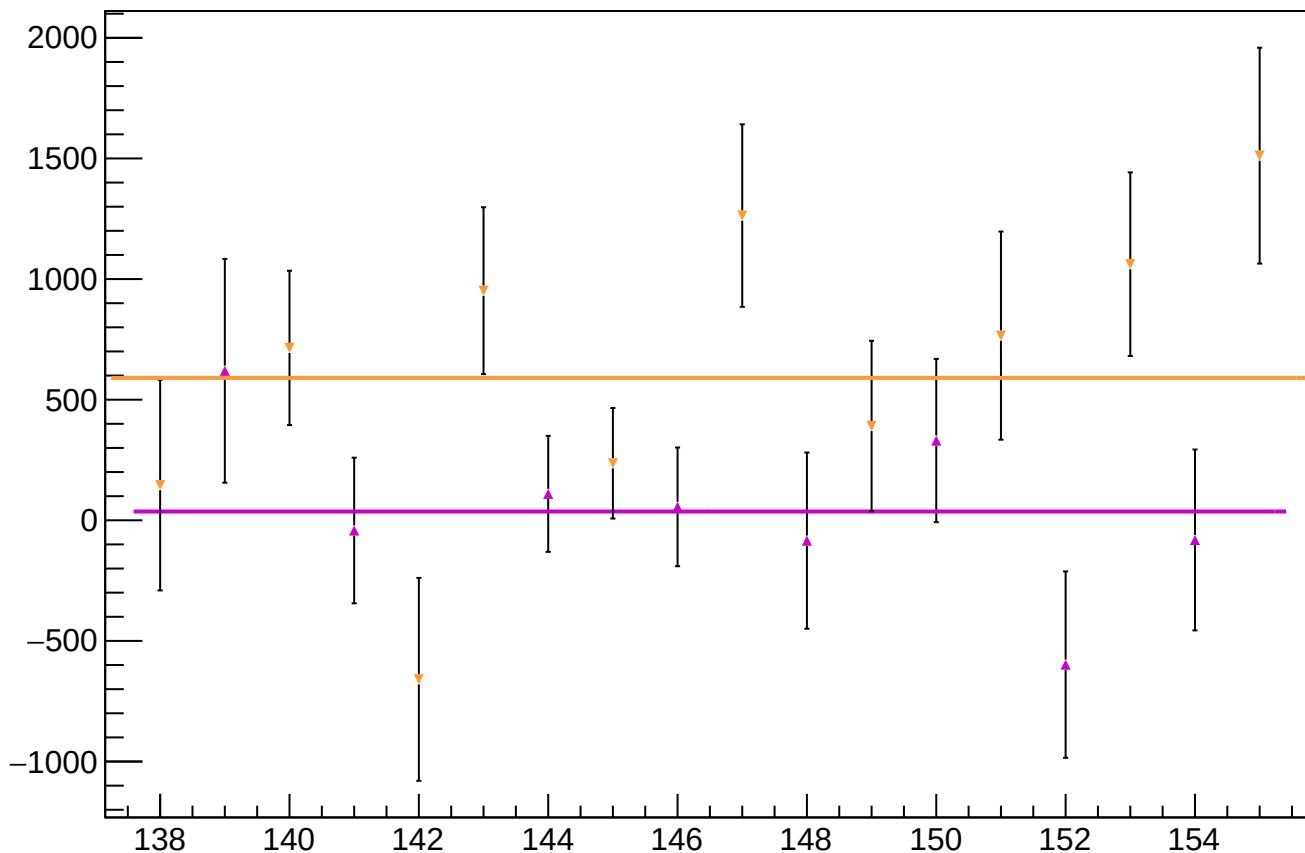
Left In: 267.058+/-0.075 χ^2/NDF : 696808.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 272.786+/-0.053 χ^2/NDF : 1522487.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 590.225+/-111.556 χ^2/NDF : 22.9/9

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

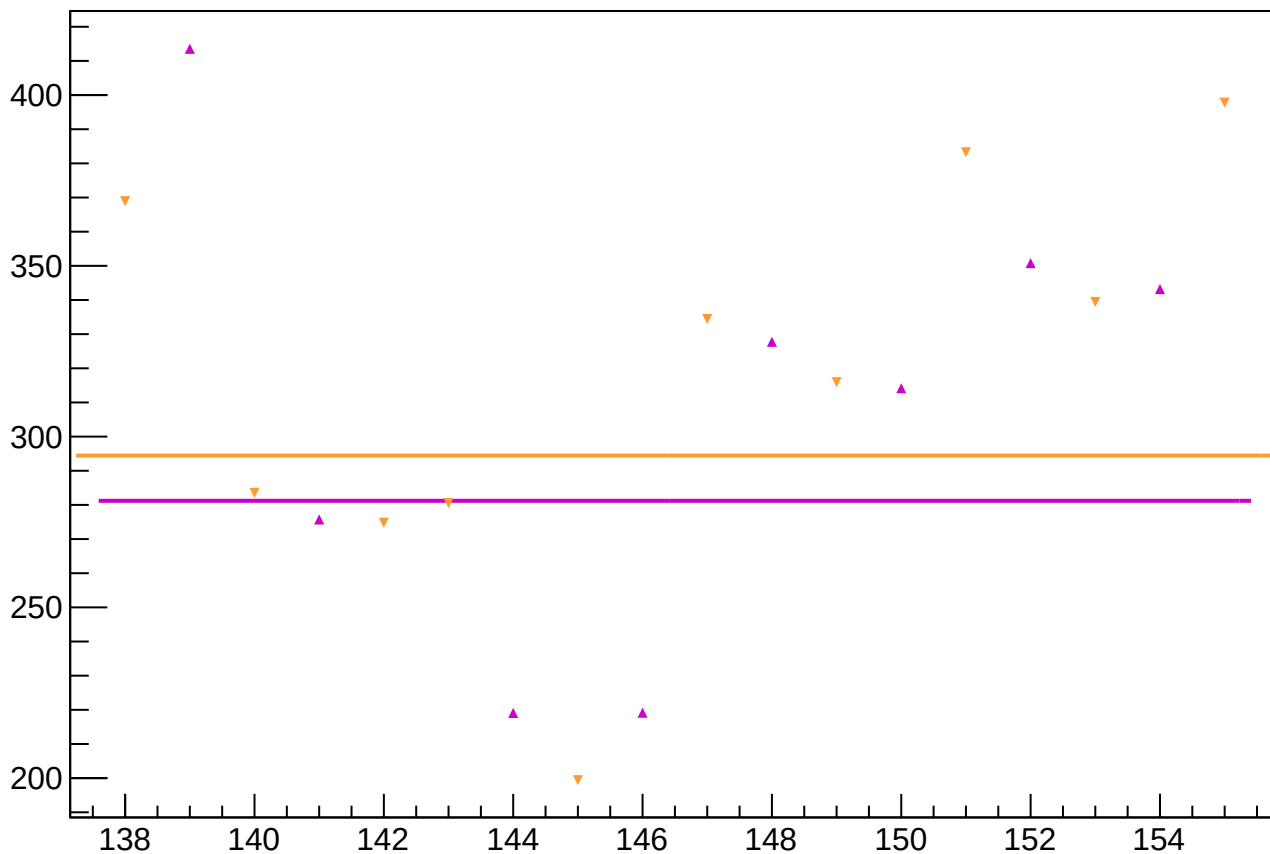
Left In: 36.486+/-112.163 χ^2/NDF : 5.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.857+/-79.096 χ^2/NDF : 40.6/17

- sign 0.000+/-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: 294.446+/-0.079 χ^2/NDF : 661583.4/9

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

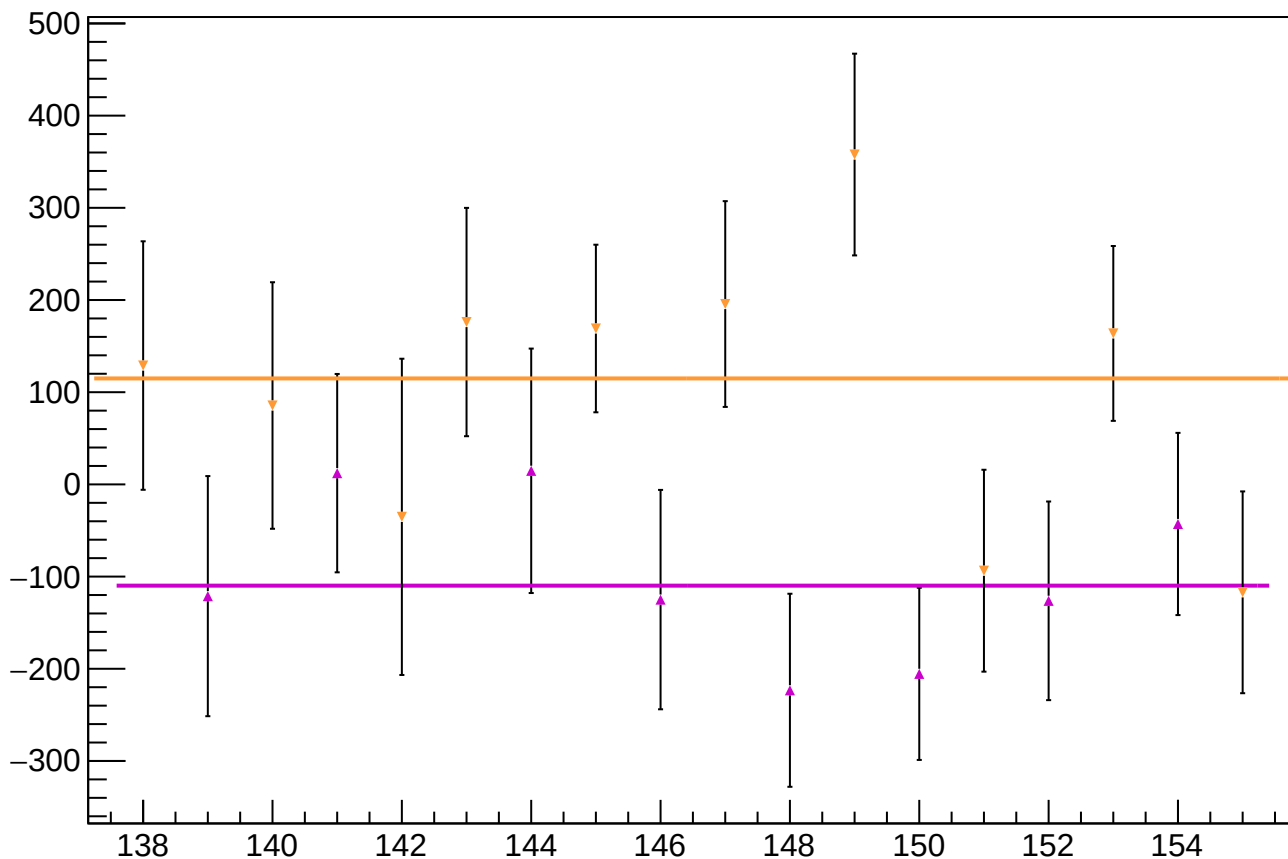
Left In: 281.205+/-0.079 χ^2/NDF : 595093.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.861+/-0.056 χ^2/NDF : 1270688.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



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

Left Out: 114.935+/-35.964 χ^2/NDF : 15.3/9

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

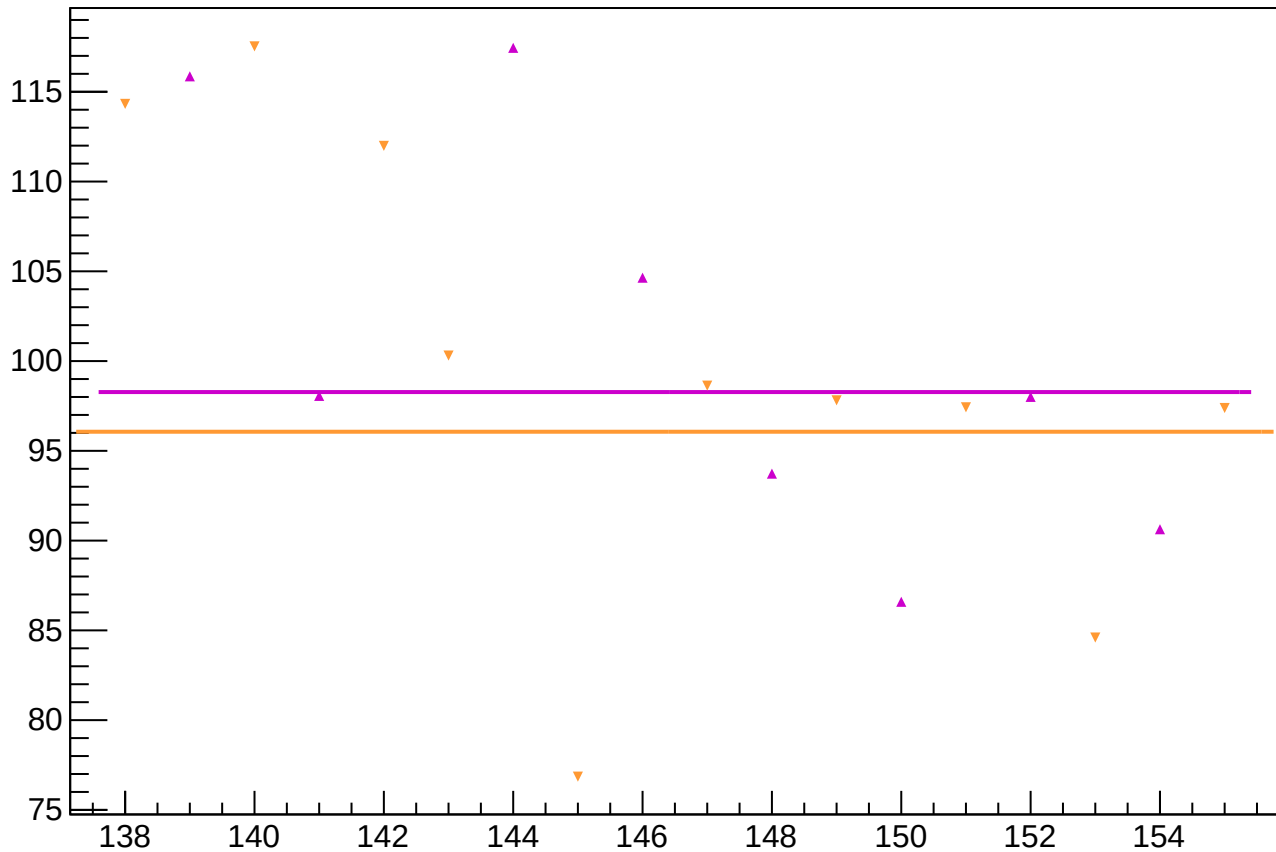
Left In: -109.833+/-38.710 χ^2/NDF : 4.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.805+/-26.348 χ^2/NDF : 38.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



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

Left Out: 96.065+/-0.025 χ^2/NDF : 228597.6/9

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

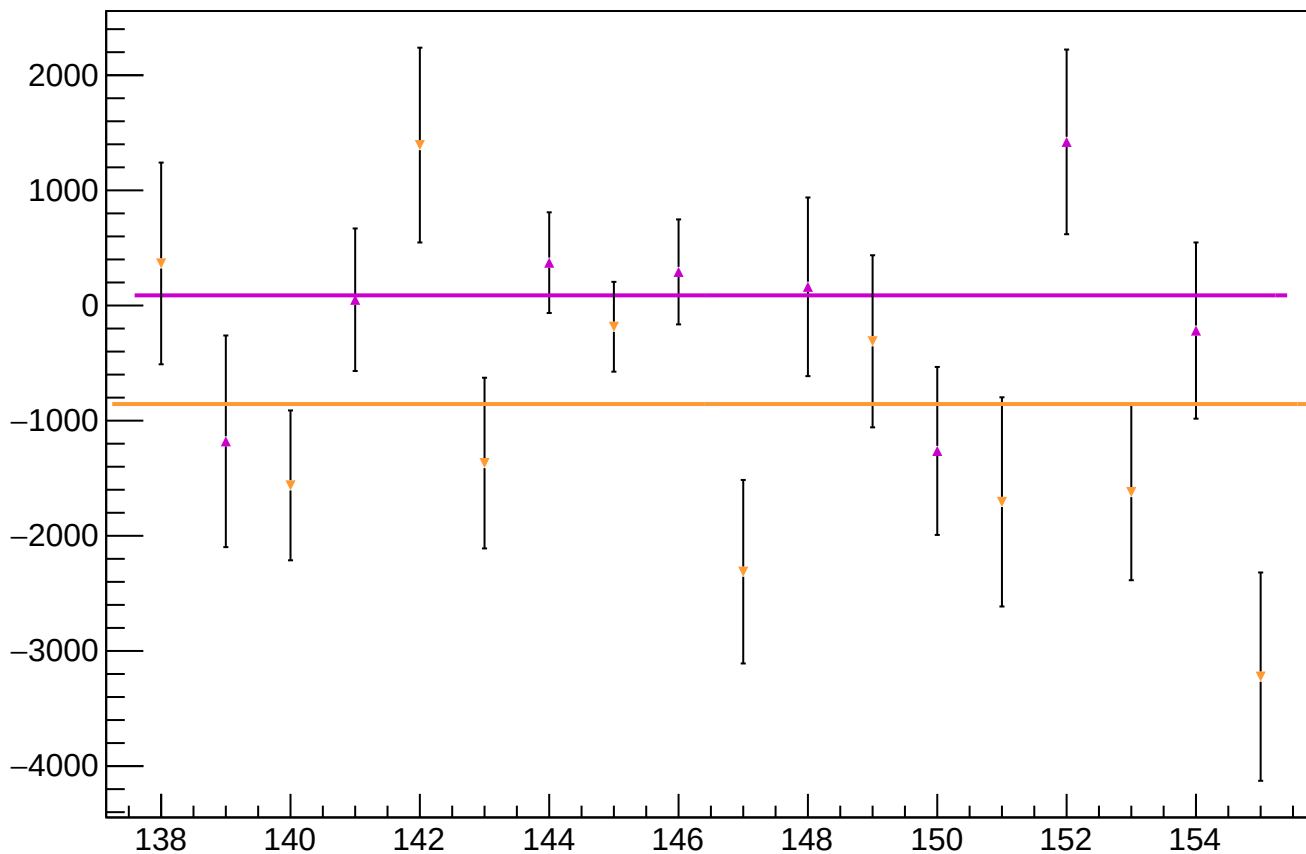
Left In: 98.274+/-0.027 χ^2/NDF : 131084.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.088+/-0.019 χ^2/NDF : 363179.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -855.722+/-218.439 χ^2/NDF :26.2/9

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

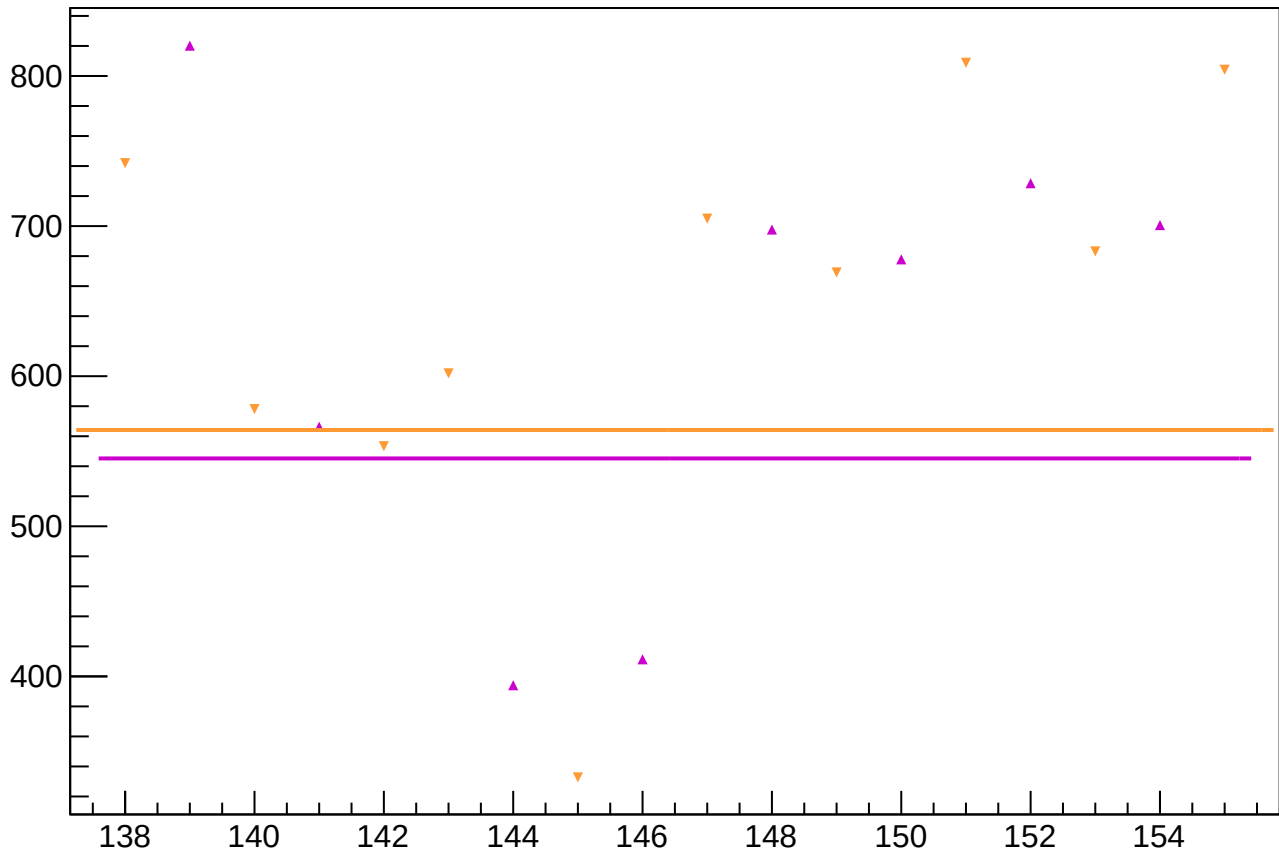
Left In: 88.175+/-220.112 χ^2/NDF :8.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.374+/-155.048 χ^2/NDF : 44.4/17

- 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: 564.149+/-0.154 χ^2/NDF :1228650.9/9

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

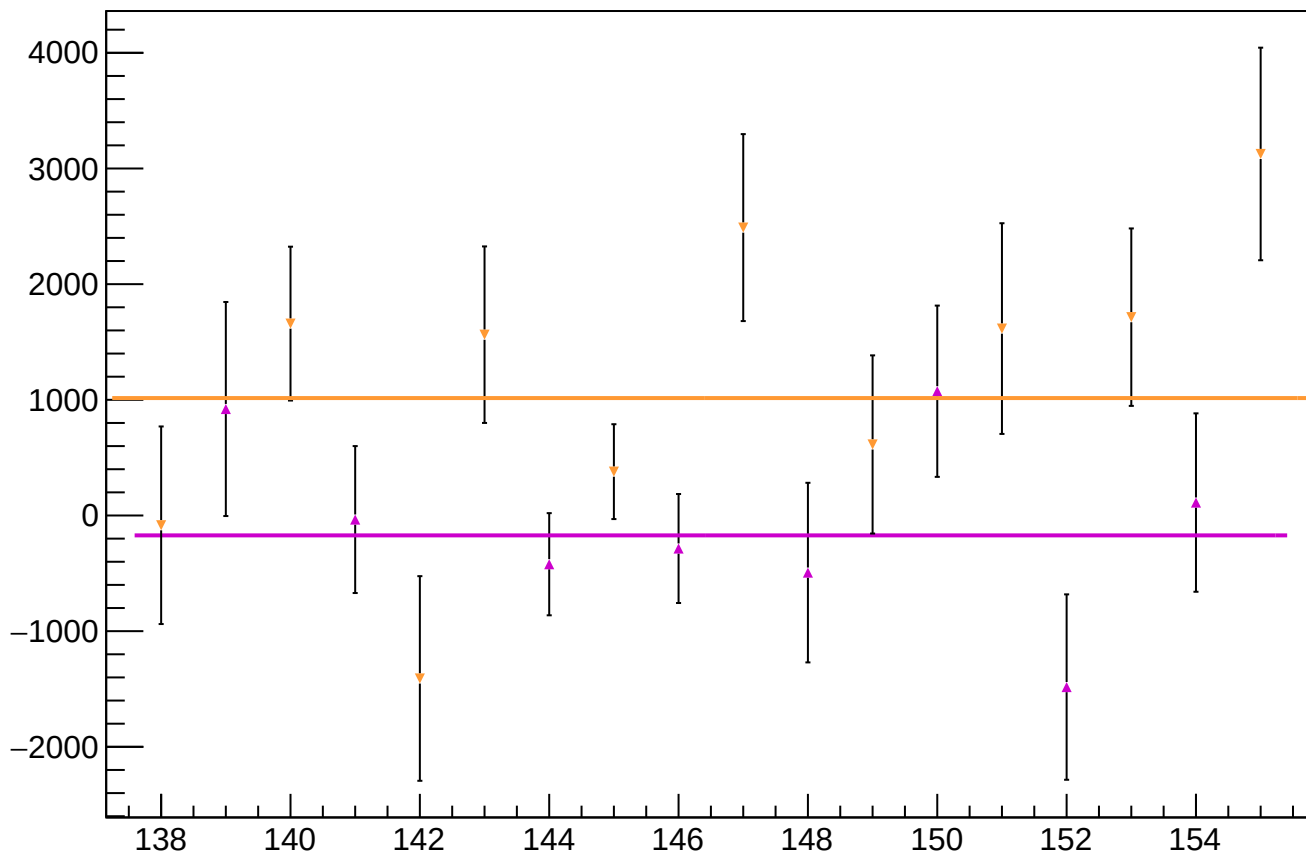
Left In: 545.209+/-0.156 χ^2/NDF :923150.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.751+/-0.110 χ^2/NDF : 2159261.6/17

- 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: 1015.202+/-224.274 χ^2/NDF : 23.2/9

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

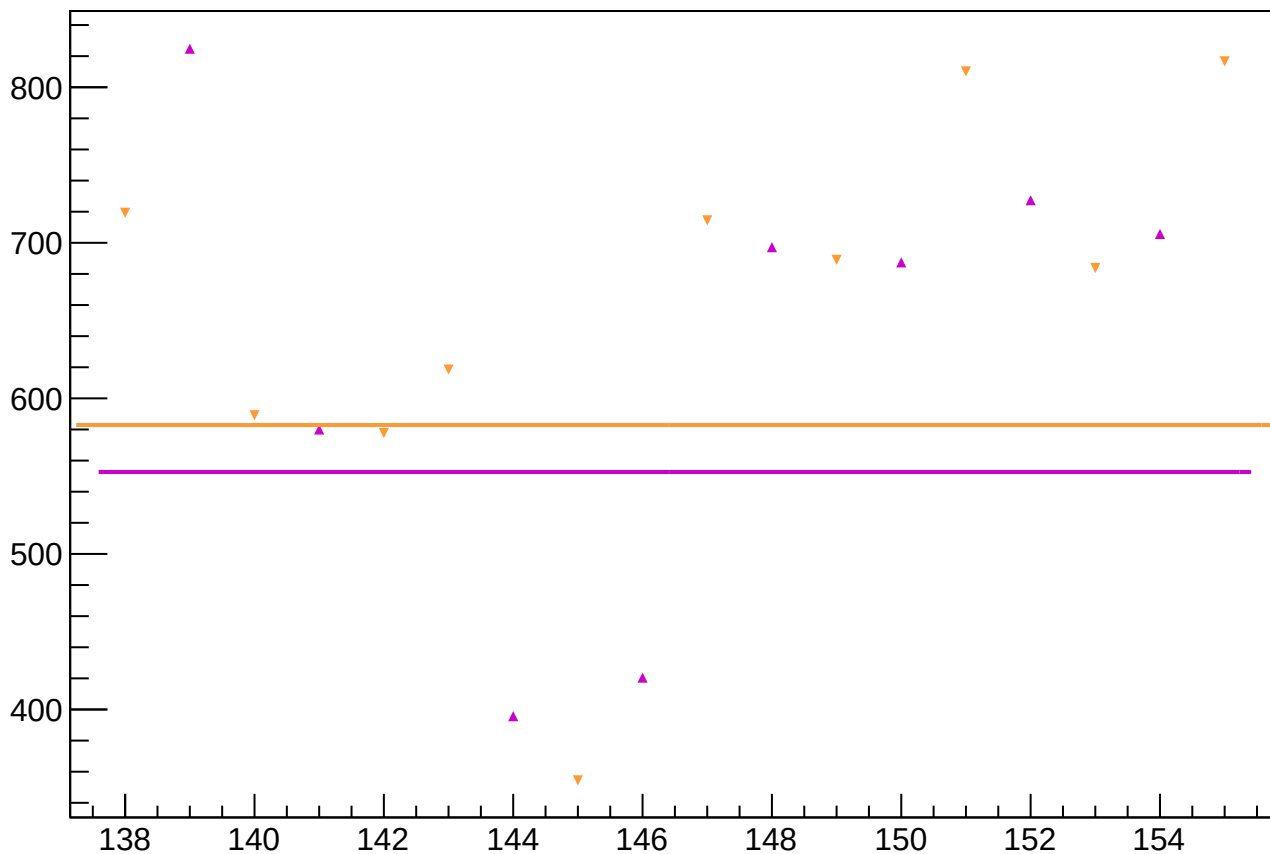
Left In: -171.922+/-223.610 χ^2/NDF : 7.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 419.882+/-158.350 χ^2/NDF : 44.8/17

- 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: 582.875+/-0.159 χ^2/NDF : 1056102.2/9

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

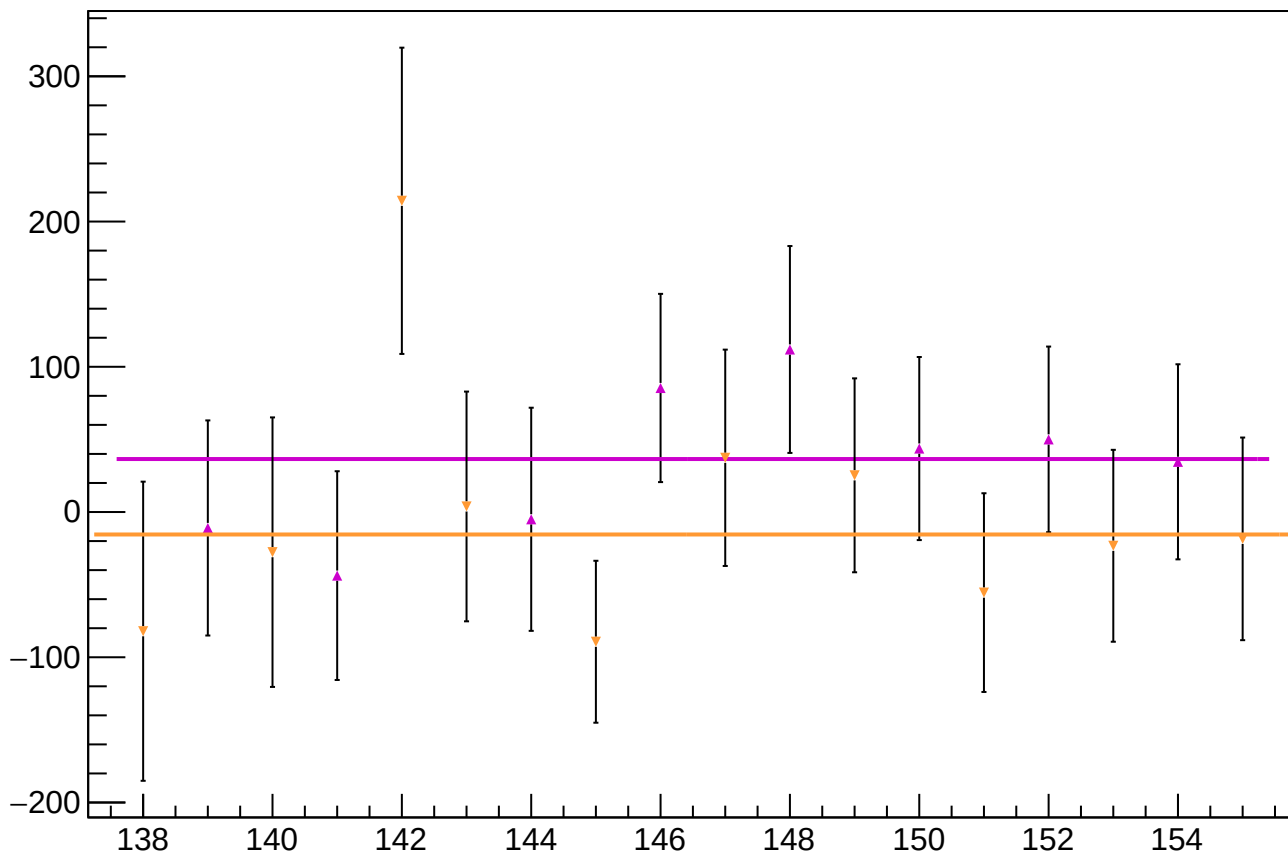
Left In: 552.680+/-0.158 χ^2/NDF : 896164.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.733+/-0.112 χ^2/NDF : 1970446.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -15.465 $\pm$ 23.345 χ^2 /NDF: 8.2/9

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

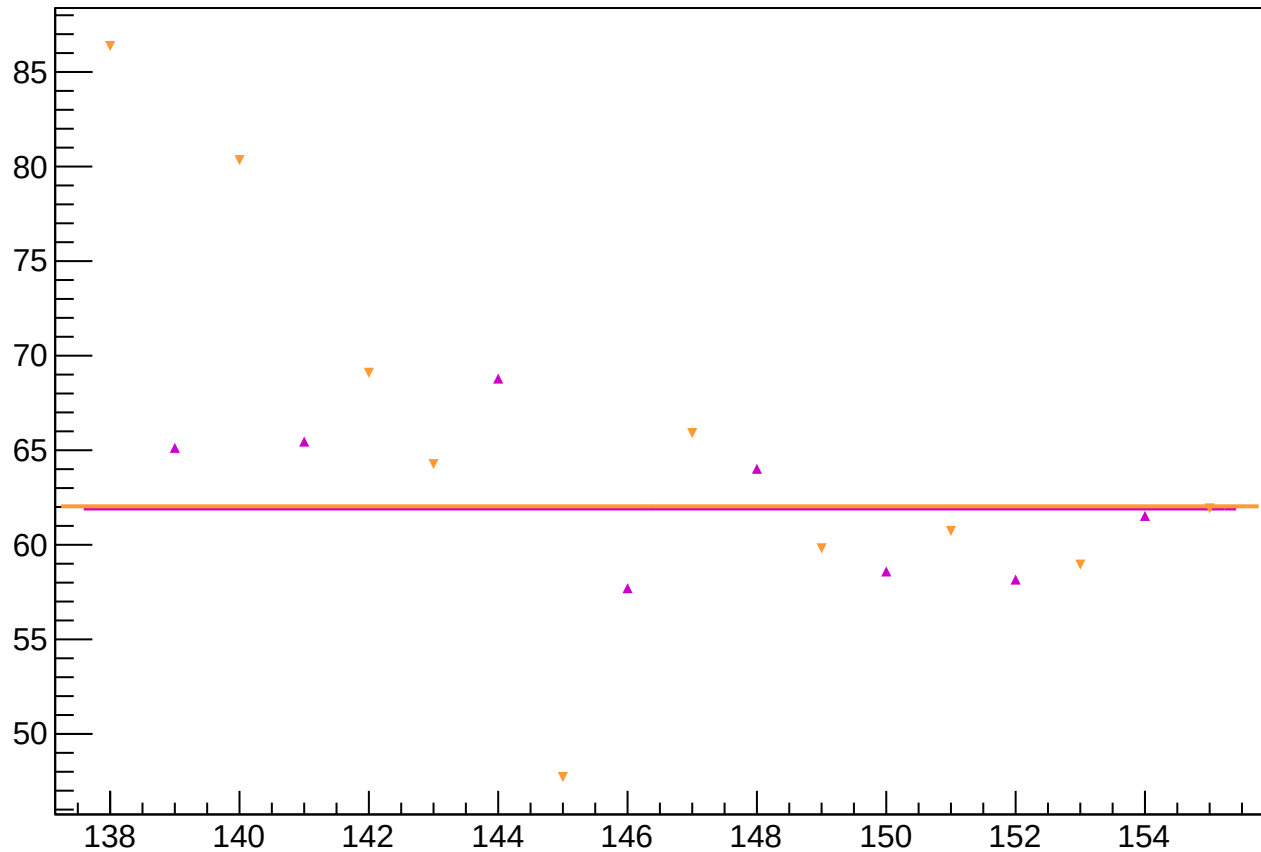
Left In: 36.484 $\pm$ 24.261 χ^2 /NDF: 3.7/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.510 $\pm$ 16.822 χ^2 /NDF: 14.3/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 62.035+/-0.017 χ^2/NDF : 344641.6/9

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

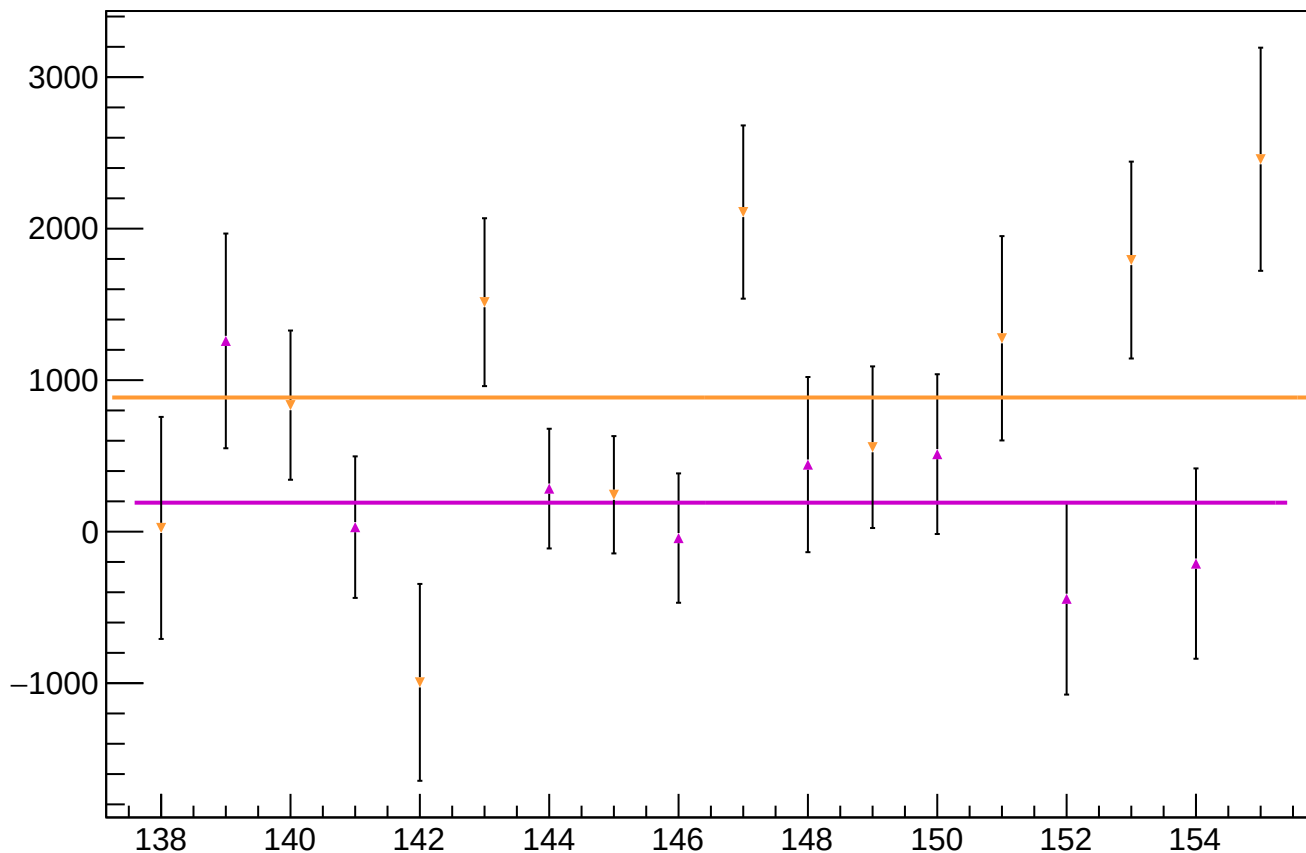
Left In: 61.921+/-0.017 χ^2/NDF : 47340.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.980+/-0.012 χ^2/NDF : 392005.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 885.489+/-178.836 χ^2/NDF : 25.6/9

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

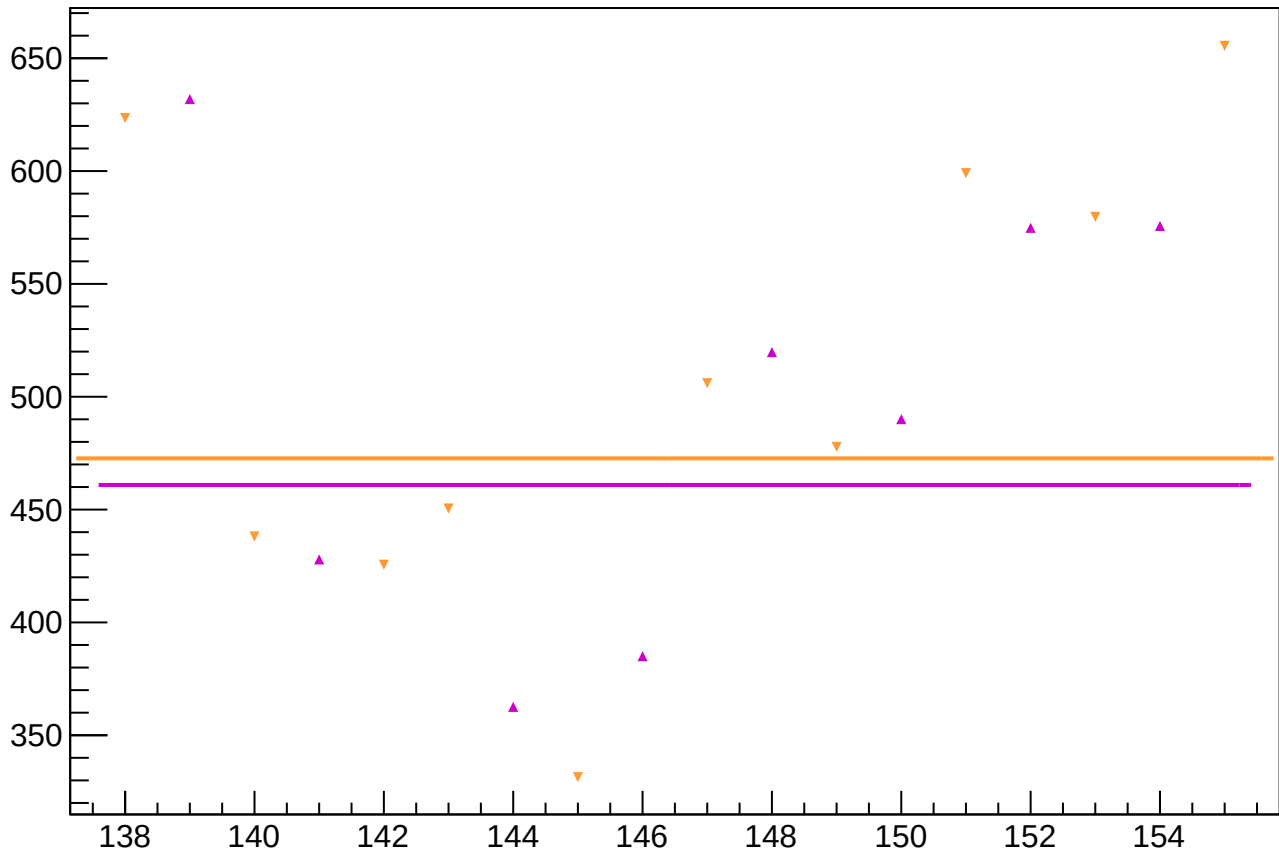
Left In: 191.266+/-182.291 χ^2/NDF : 4.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.019+/-127.660 χ^2/NDF : 37.7/17

- 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: 472.694+/-0.126 χ^2/NDF : 629201.9/9

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

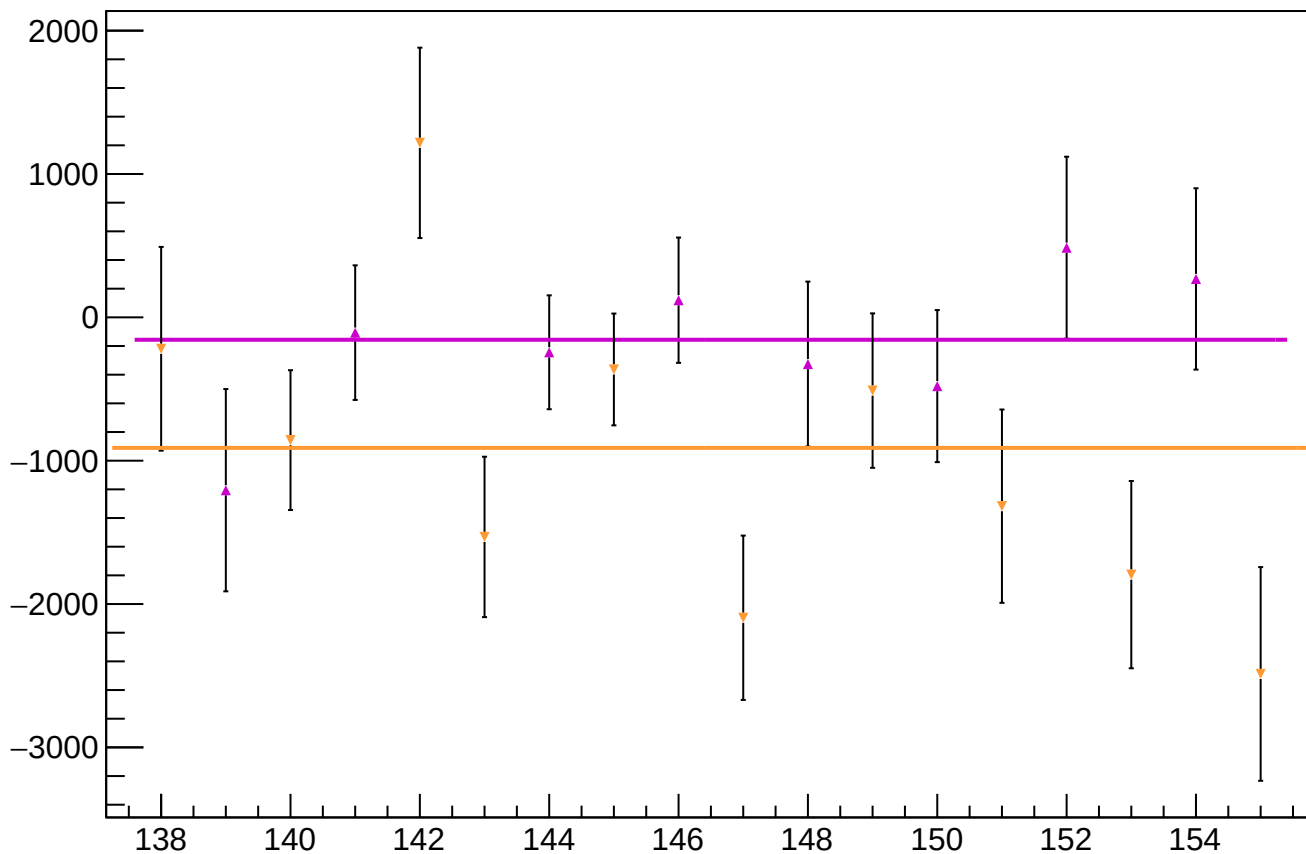
Left In: 460.909+/-0.129 χ^2/NDF : 472041.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.914+/-0.090 χ^2/NDF : 1105502.9/17

- 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: -910.588+/-179.447 χ^2/NDF : 25.9/9

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

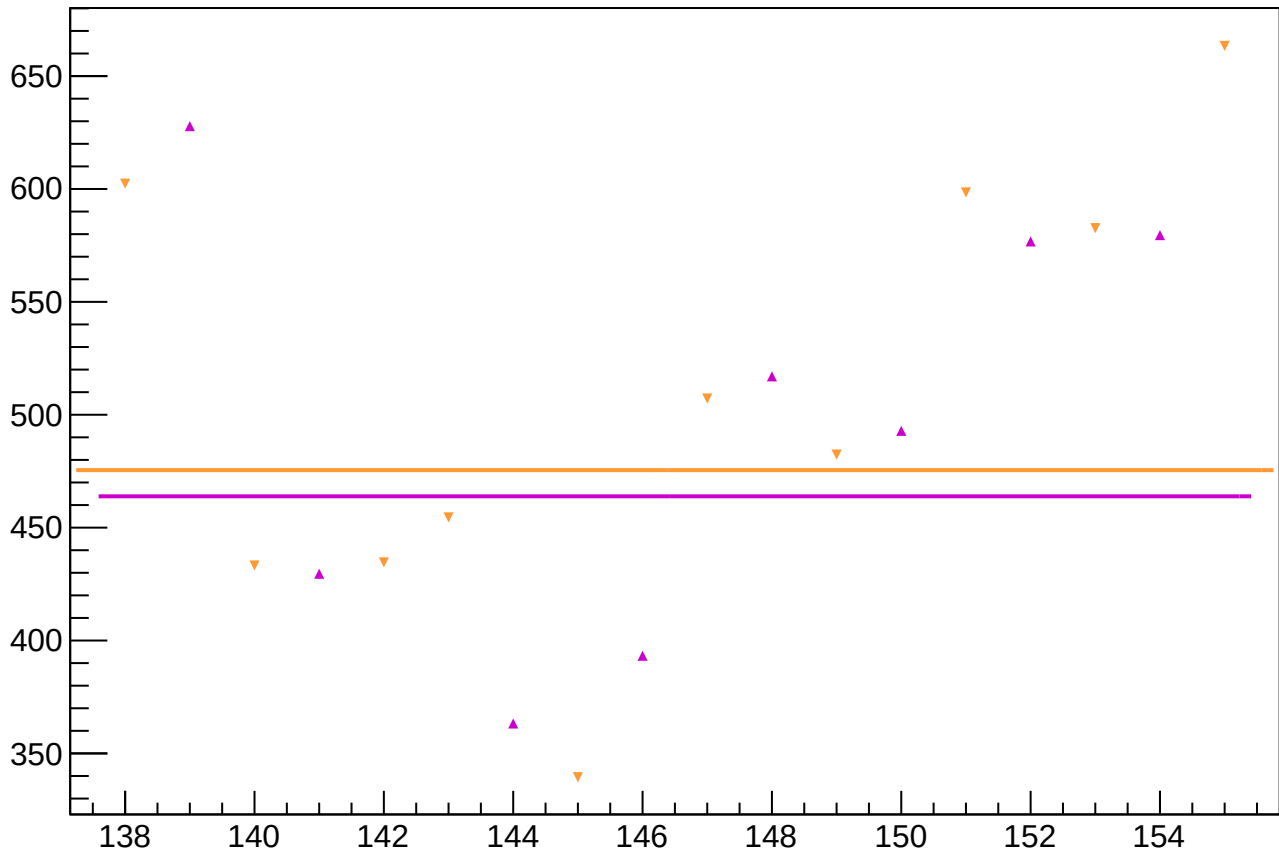
Left In: -156.303+/-183.582 χ^2/NDF : 4.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -542.034+/-128.325 χ^2/NDF : 39.2/17

- 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: 475.469+/-0.127 χ^2/NDF :586390.8/9

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

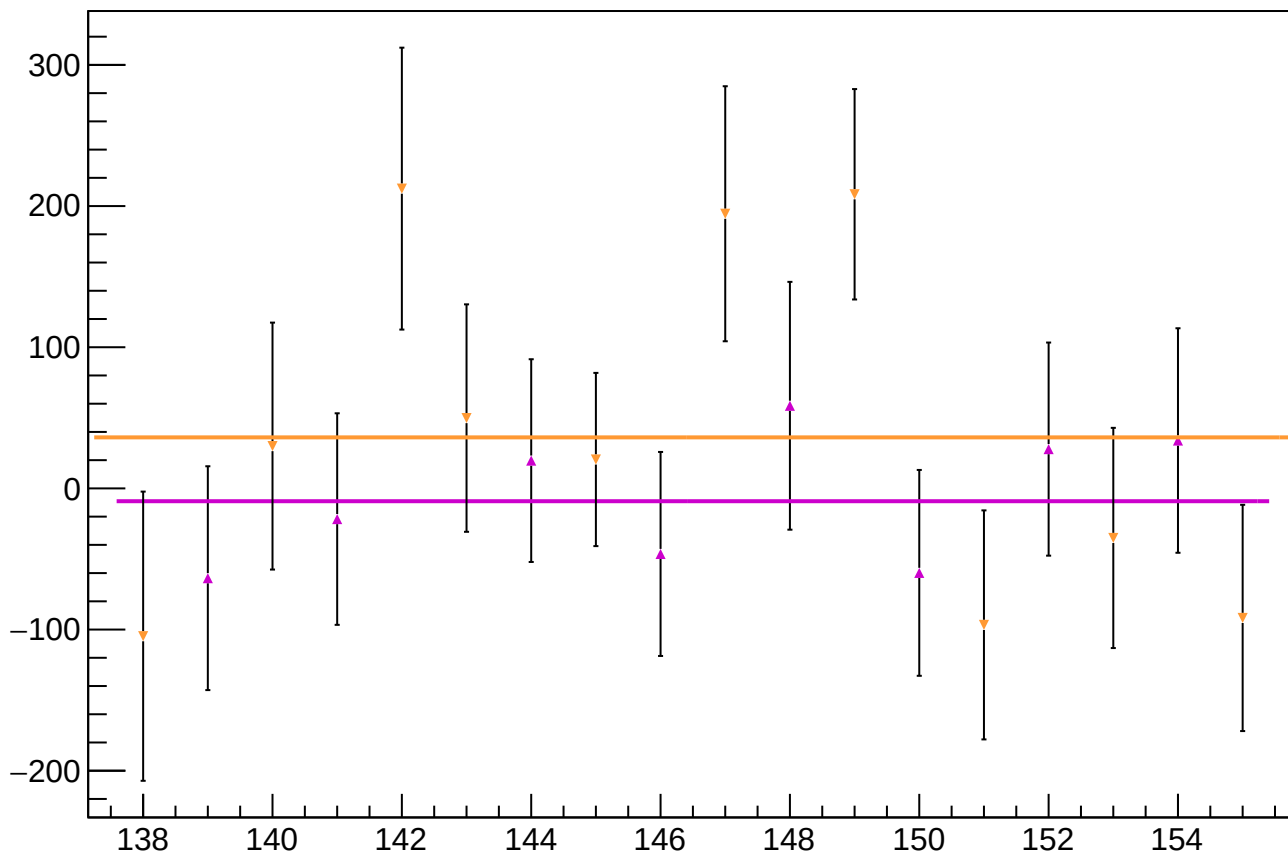
Left In: 463.870+/-0.130 χ^2/NDF :452351.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.801+/-0.091 χ^2/NDF : 1042825.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 36.142 $\pm$ 25.644 χ^2 /NDF:19.6/9

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

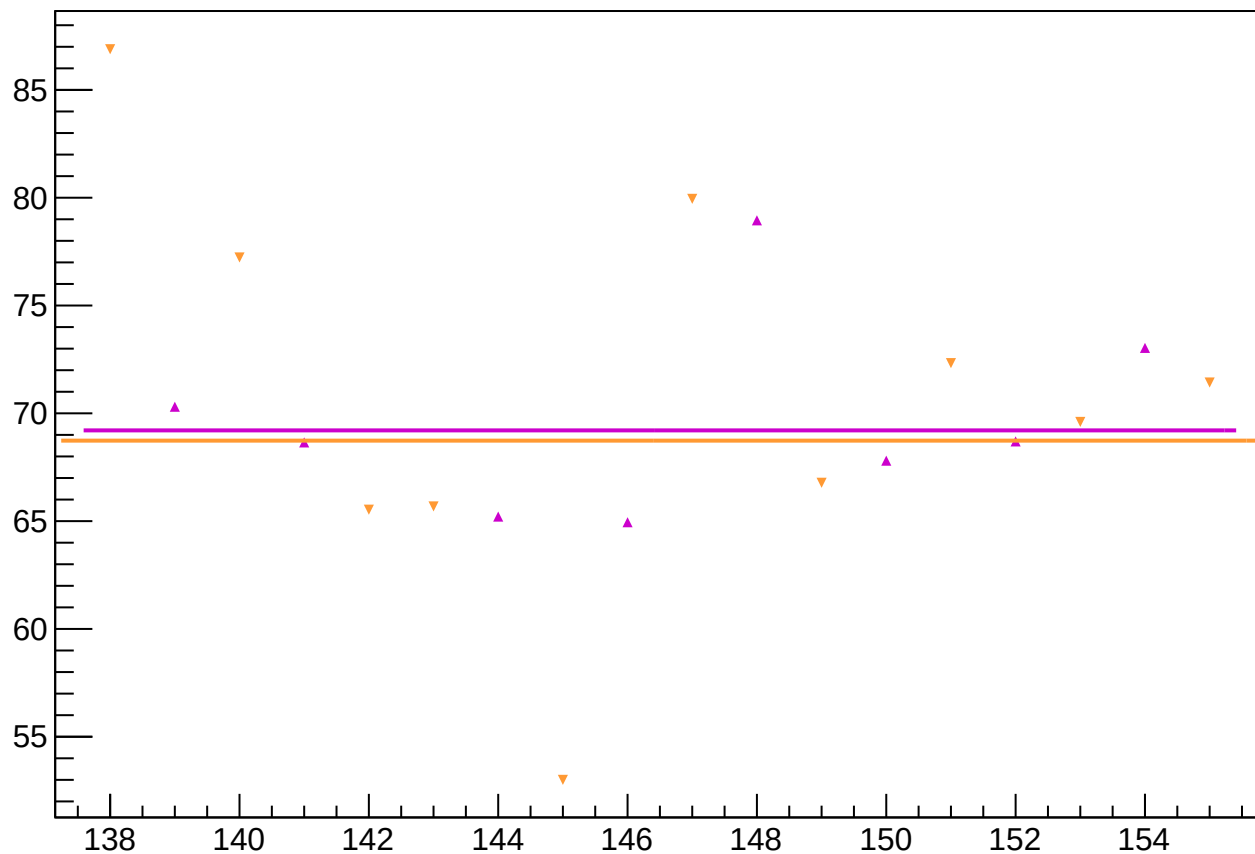
Left In: -9.078 $\pm$ 26.977 χ^2 /NDF:2.5/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.676 $\pm$ 18.587 χ^2 /NDF: 23.6/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 68.734+/-0.018 χ^2/NDF : 256766.5/9

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

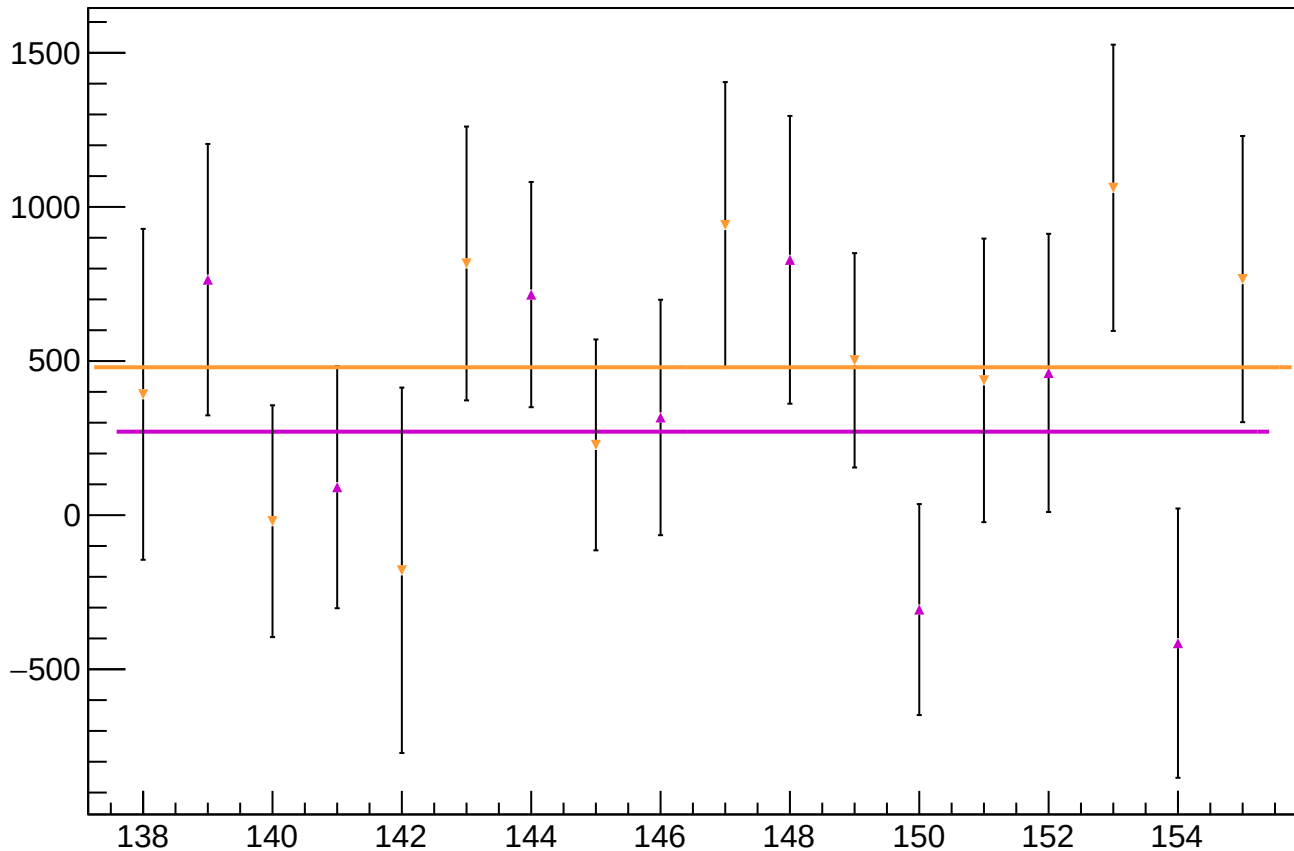
Left In: 69.209+/-0.019 χ^2/NDF : 43745.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.959+/-0.013 χ^2/NDF : 300837.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 479.842+/-136.183 χ^2/NDF : 7.1/9

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

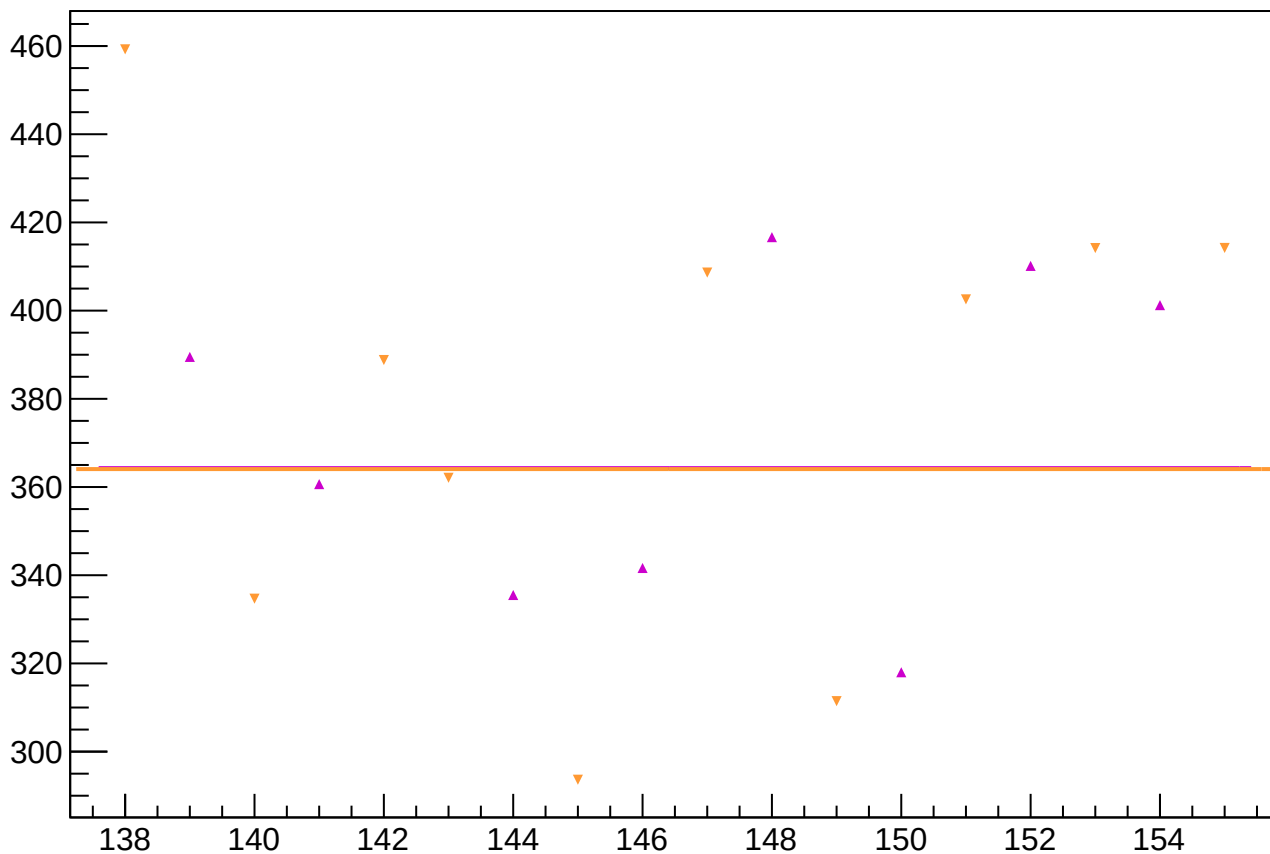
Left In: 270.828+/-142.475 χ^2/NDF : 9.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.052+/-98.445 χ^2/NDF : 18.1/17

- 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: 364.069+/-0.096 χ^2/NDF : 288314.2/9

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

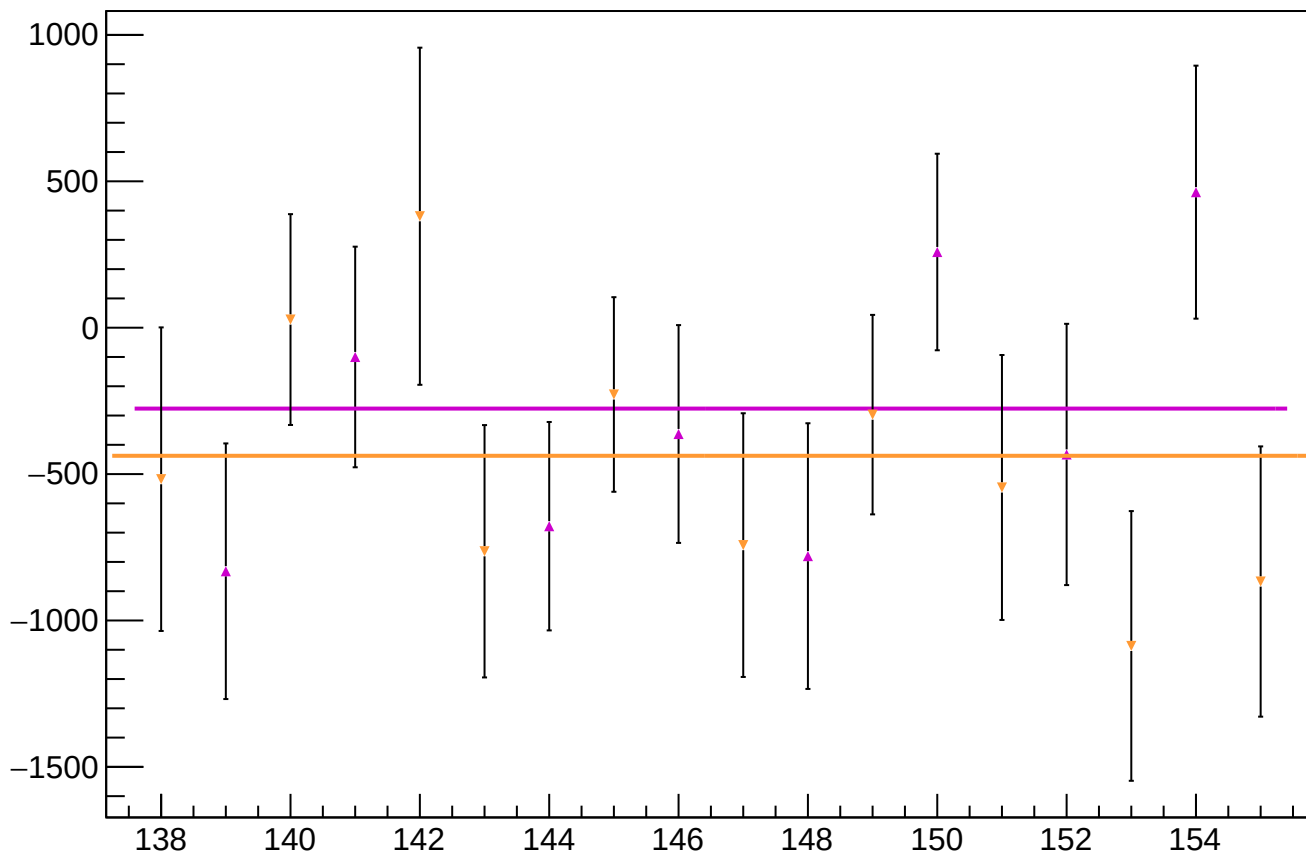
Left In: 364.285+/-0.101 χ^2/NDF : 122885.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.172+/-0.070 χ^2/NDF : 411202.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -437.470 $\pm$ 132.769 χ^2 /NDF:8.2/9

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

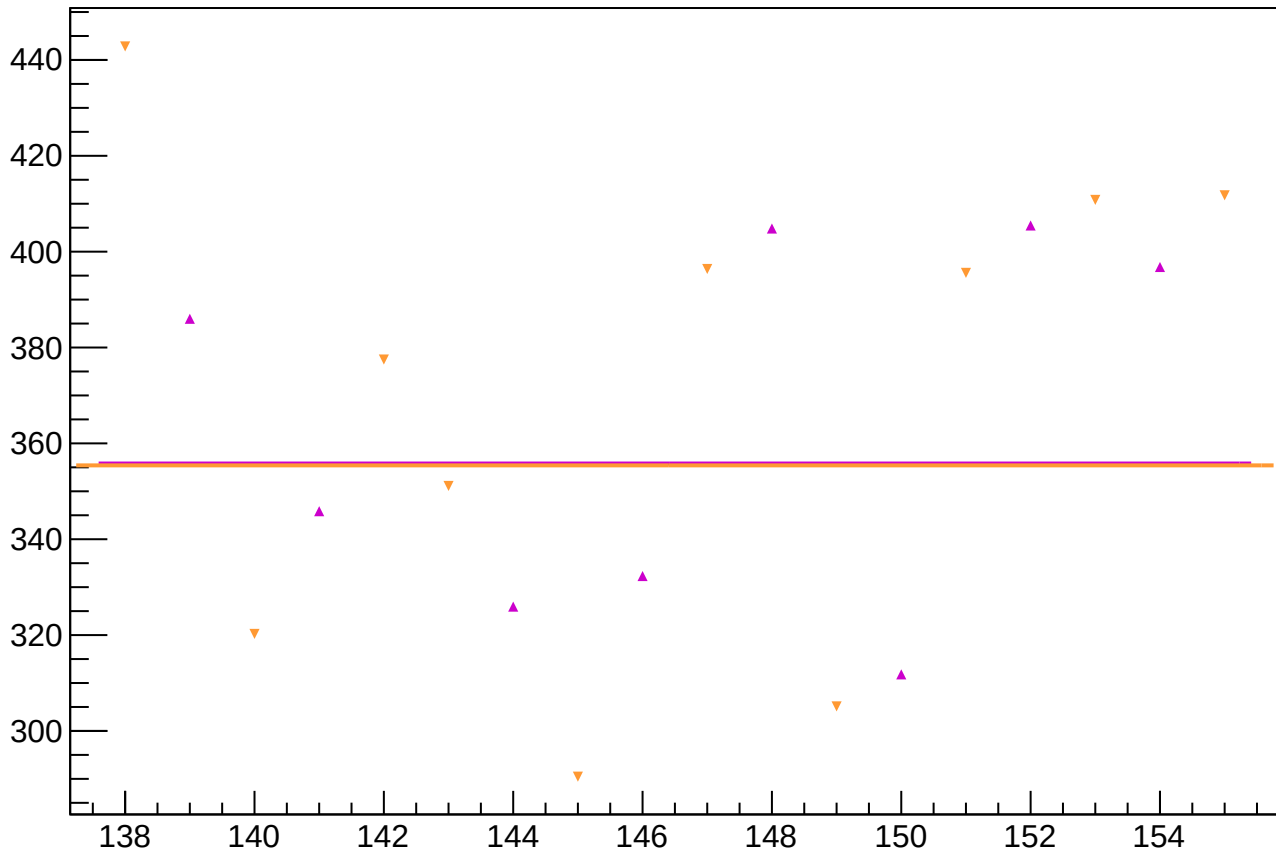
Left In: -276.258 $\pm$ 139.311 χ^2 /NDF:10.0/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -360.738 $\pm$ 96.111 χ^2 /NDF: 18.9/17

- sign 0.000 $\pm$ 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: 355.409+/-0.094 χ^2/NDF : 290111.8/9

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

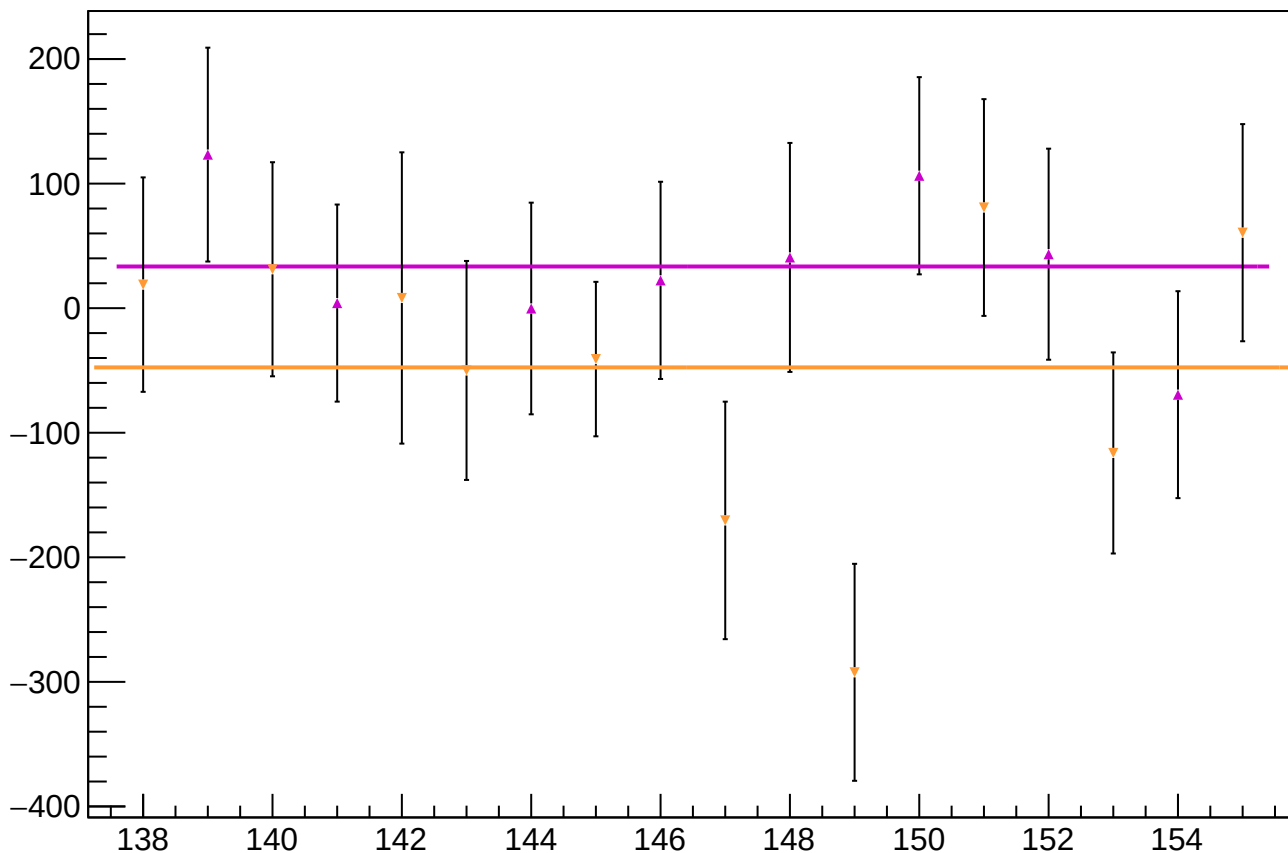
Left In: 355.794+/-0.099 χ^2/NDF : 133512.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.592+/-0.068 χ^2/NDF : 423632.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -47.552+/-26.801 χ^2/NDF : 15.7/9

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

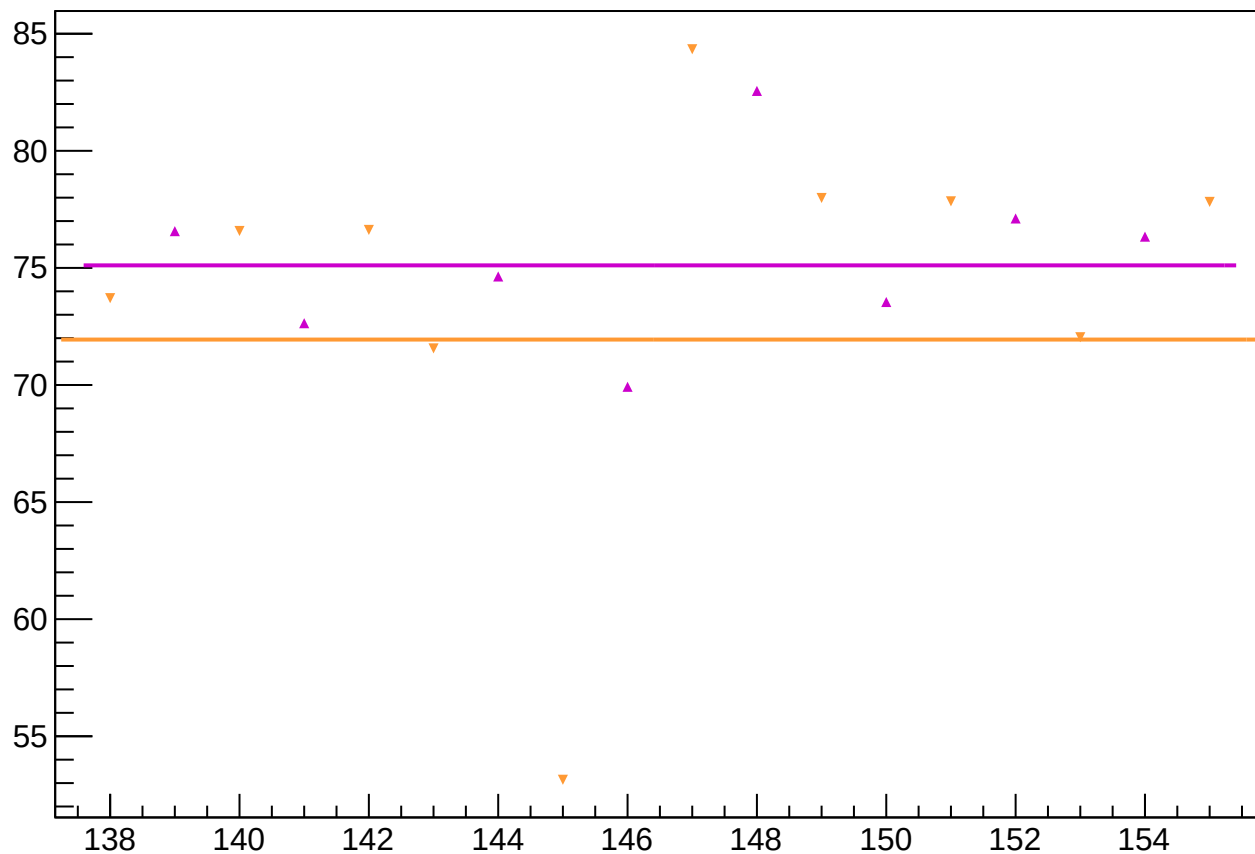
Left In: 33.458+/-29.414 χ^2/NDF : 3.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.805+/-19.811 χ^2/NDF : 23.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 71.940+/-0.019 χ^2/NDF : 255533.0/9

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

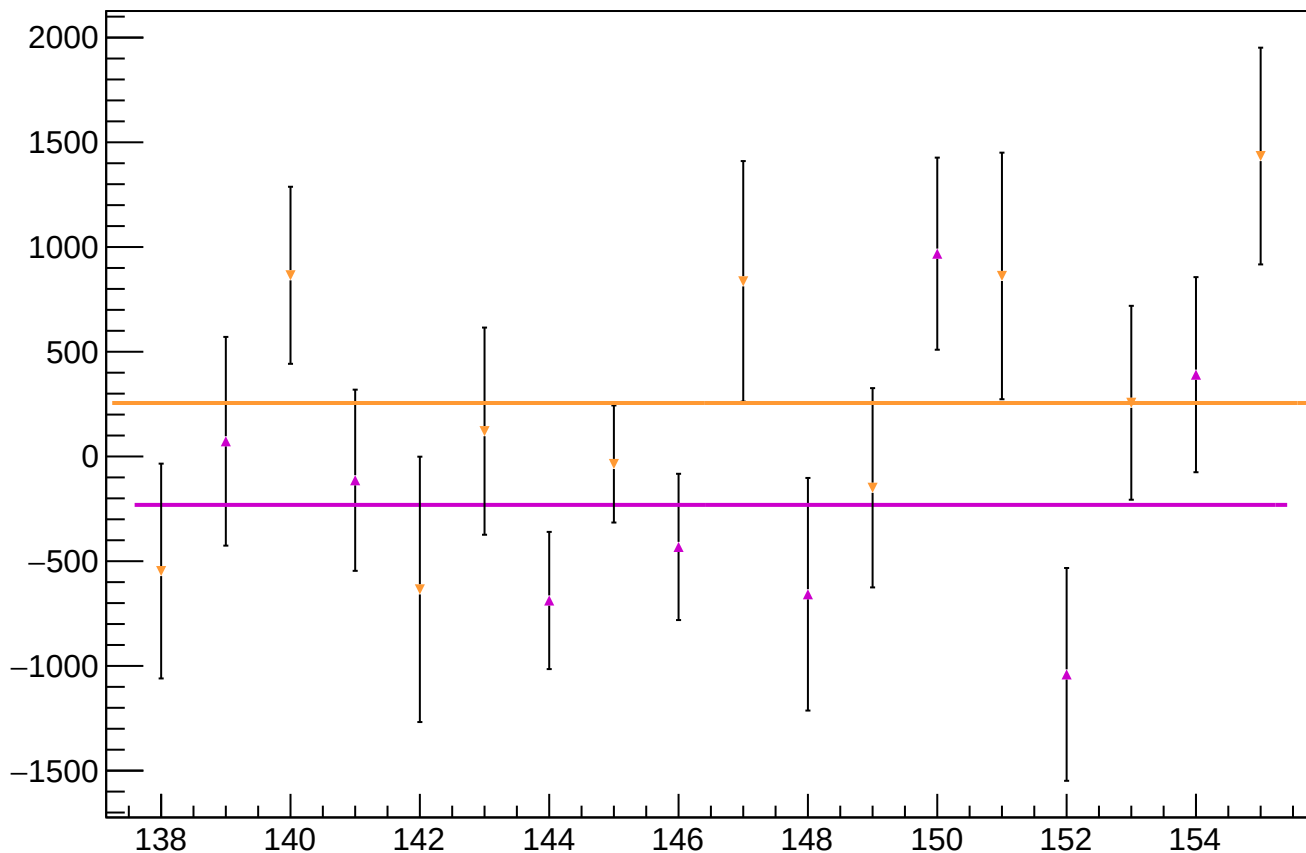
Left In: 75.109+/-0.021 χ^2/NDF : 26647.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.378+/-0.014 χ^2/NDF : 294860.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 255.347+/-145.070 χ^2/NDF :15.7/9

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

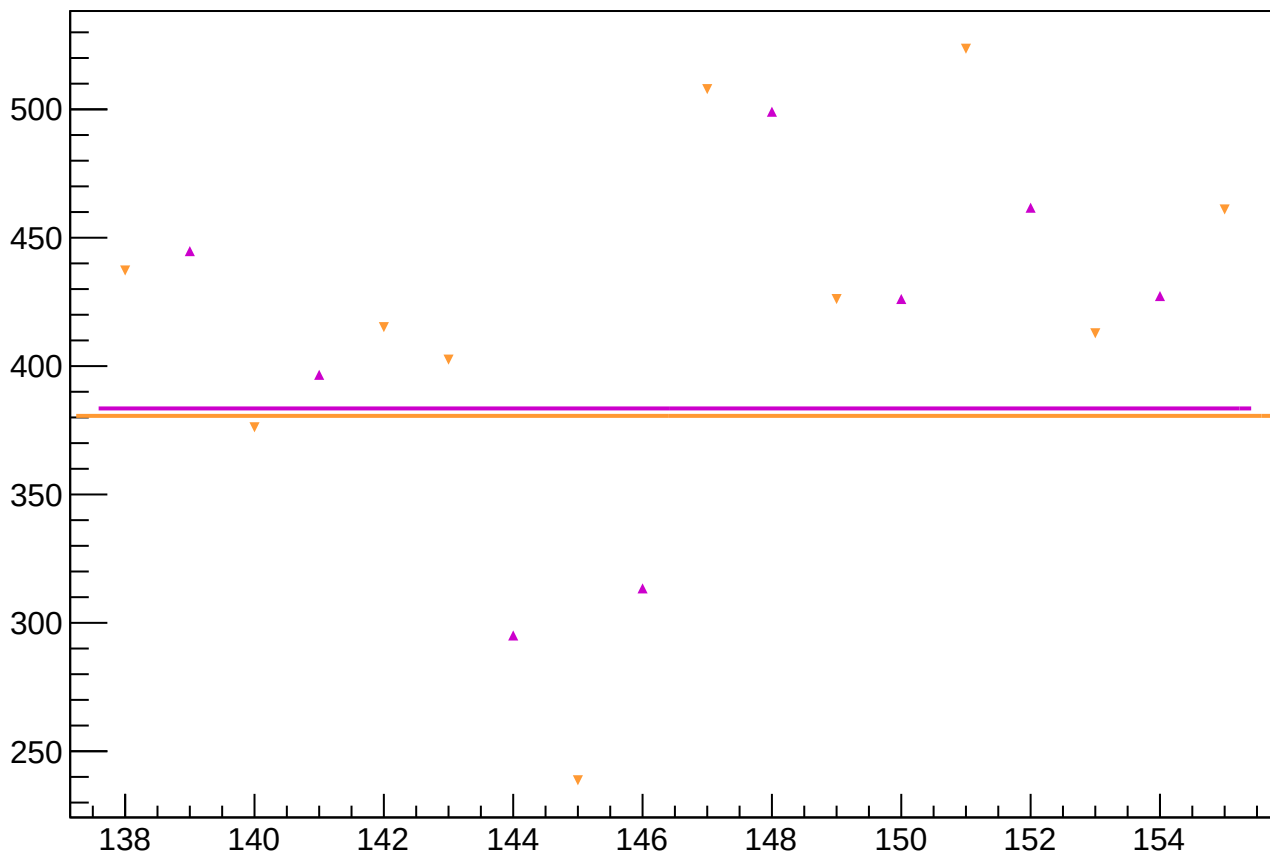
Left In: -231.68+/-151.828 χ^2/NDF :14.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.158+/-104.888 χ^2/NDF : 35.5/17

- 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: 380.612+/-0.103 χ^2/NDF : 842558.3/9

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

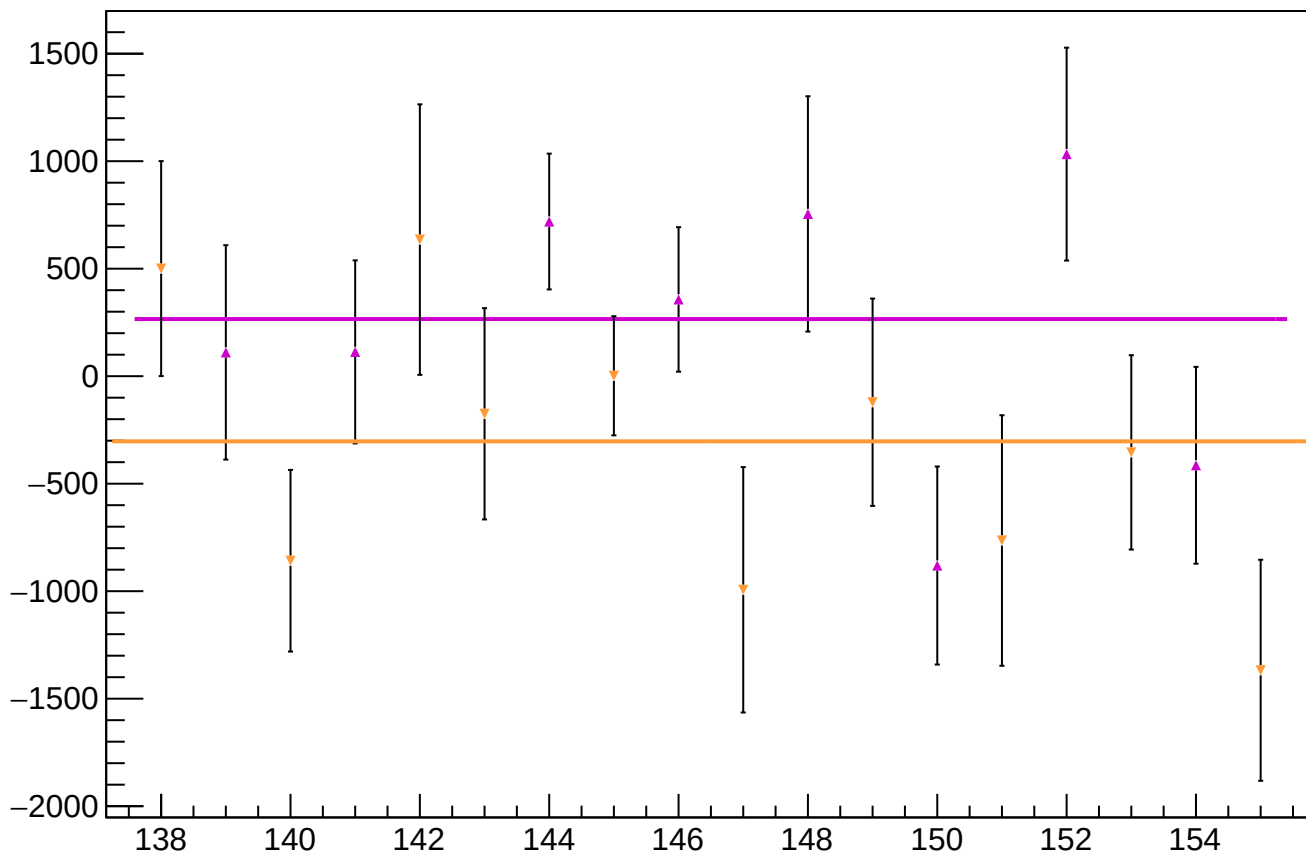
Left In: 383.508+/-0.107 χ^2/NDF : 427377.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.994+/-0.074 χ^2/NDF : 1270315.8/17

- 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: -303.024 $\pm$ 143.906 χ^2/NDF : 14.4/9

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

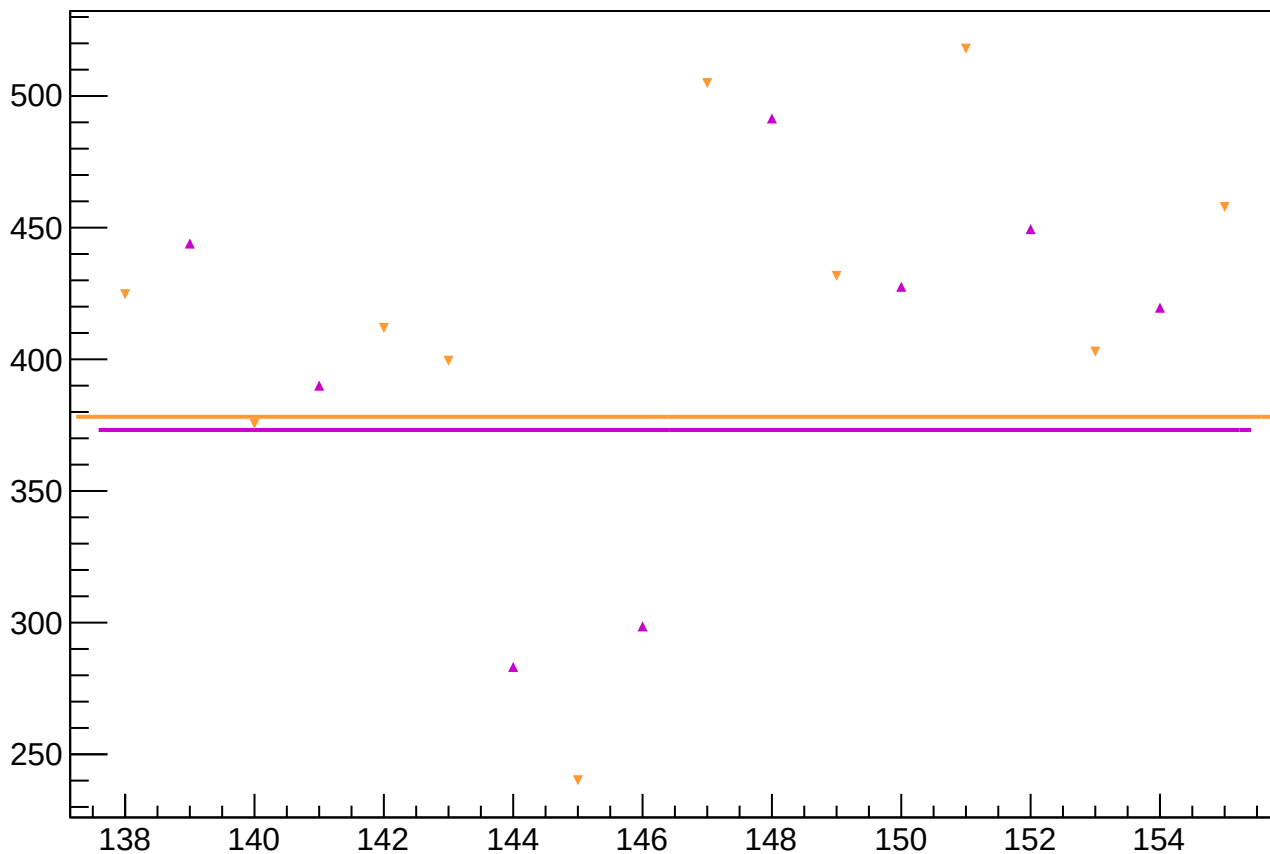
Left In: 265.698 $\pm$ 148.535 χ^2/NDF : 14.0/7

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -27.664 $\pm$ 103.355 χ^2/NDF : 35.9/17

- 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: 378.180+/-0.102 χ^2/NDF :815478.9/9

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

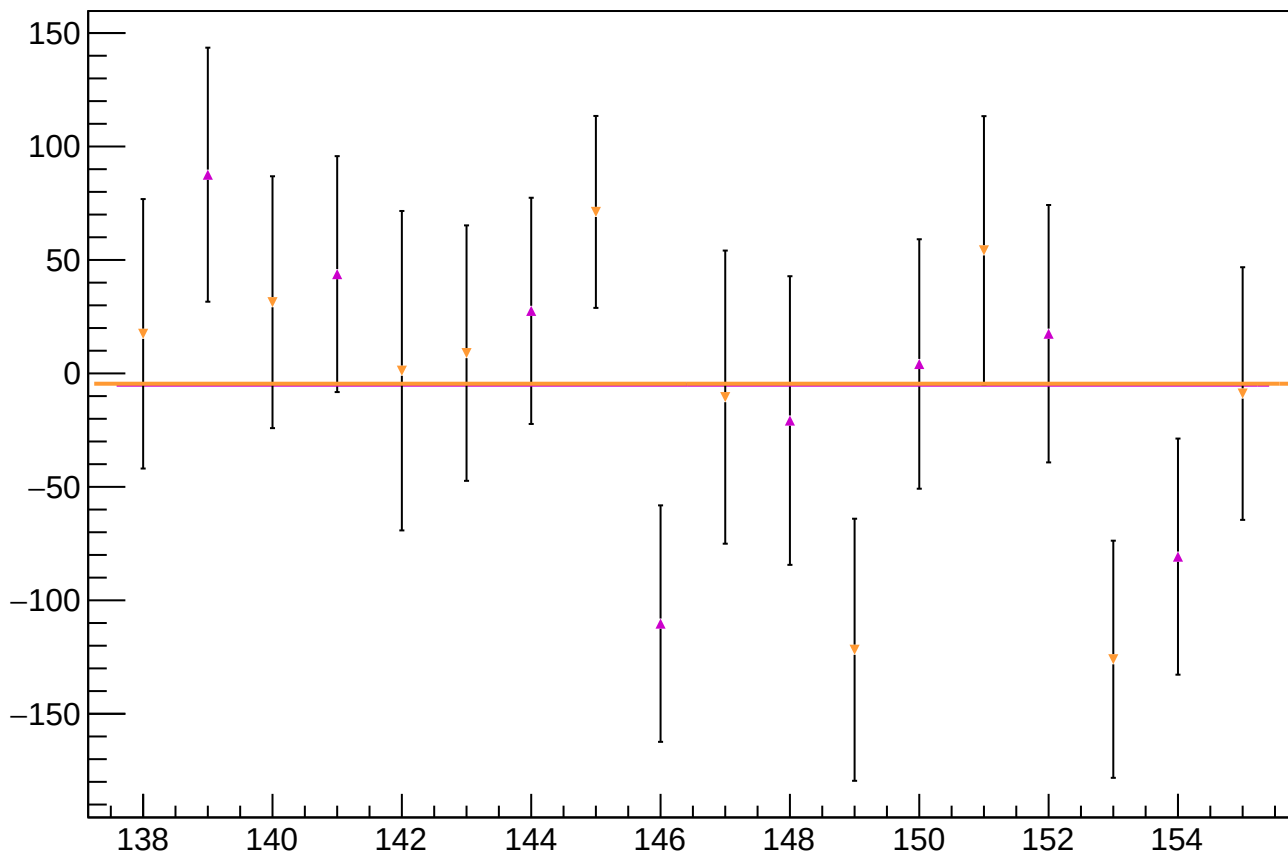
Left In: 373.165+/-0.105 χ^2/NDF :493861.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.752+/-0.073 χ^2/NDF : 1310516.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: -4.541+/-17.680 χ^2/NDF :14.3/9

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

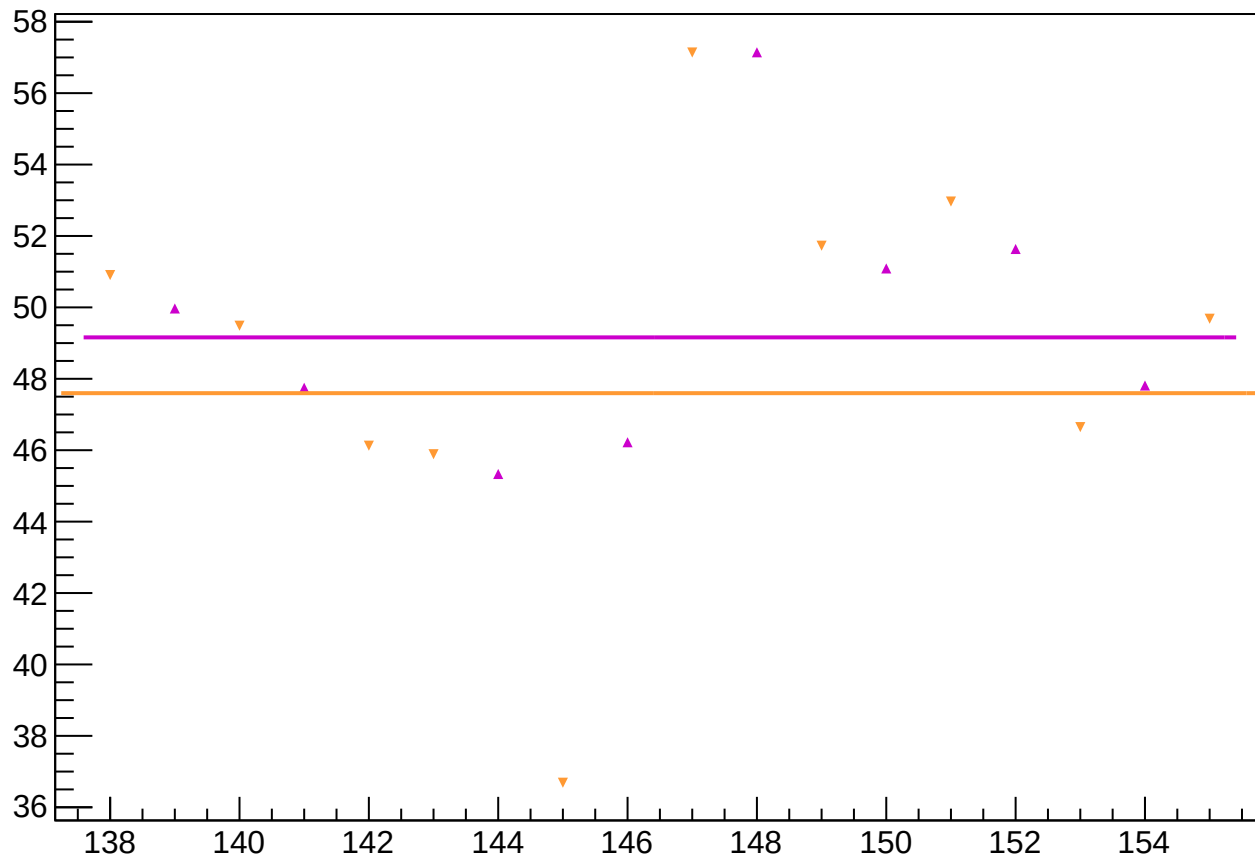
Left In: -4.973+/-19.180 χ^2/NDF :10.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.740+/-13.000 χ^2/NDF : 24.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 47.598+/-0.013 χ^2/NDF : 218126.7/9

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

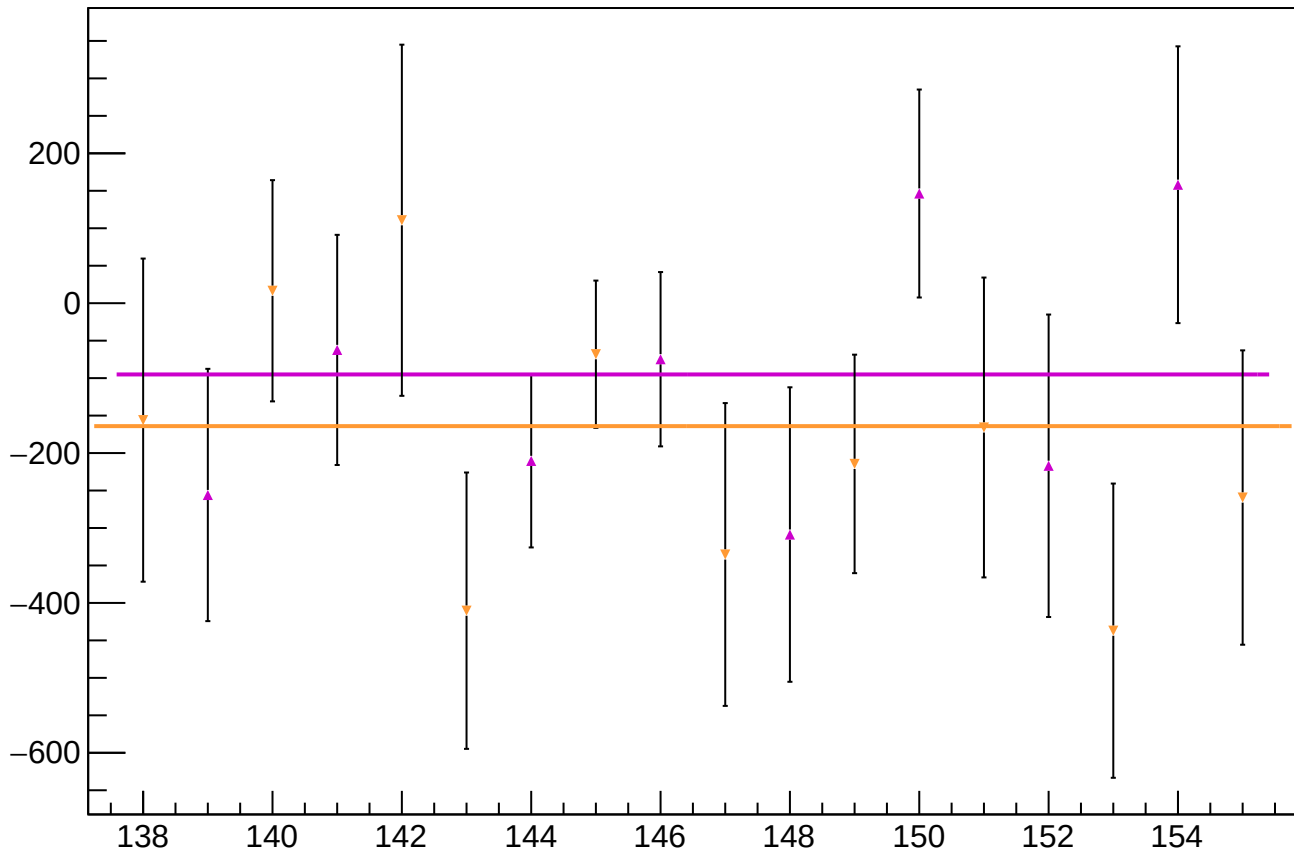
Left In: 49.160+/-0.014 χ^2/NDF : 59164.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.315+/-0.009 χ^2/NDF : 284466.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -164.066+/-52.201 χ^2/NDF : 8.6/9

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

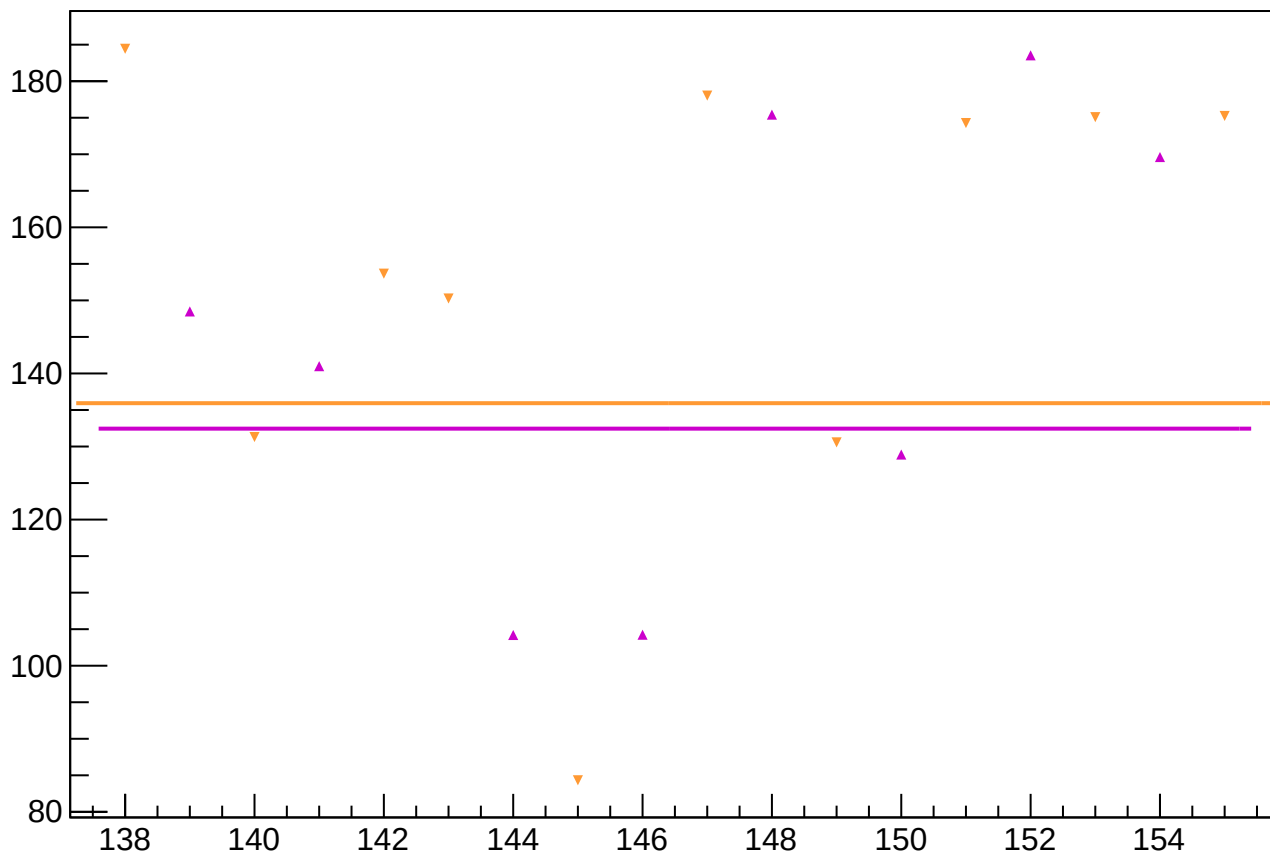
Left In: -95.085+/-52.831 χ^2/NDF : 8.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.989+/-37.132 χ^2/NDF : 17.9/17

- 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: 135.932+/-0.037 χ^2/NDF : 1001120.5/9

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

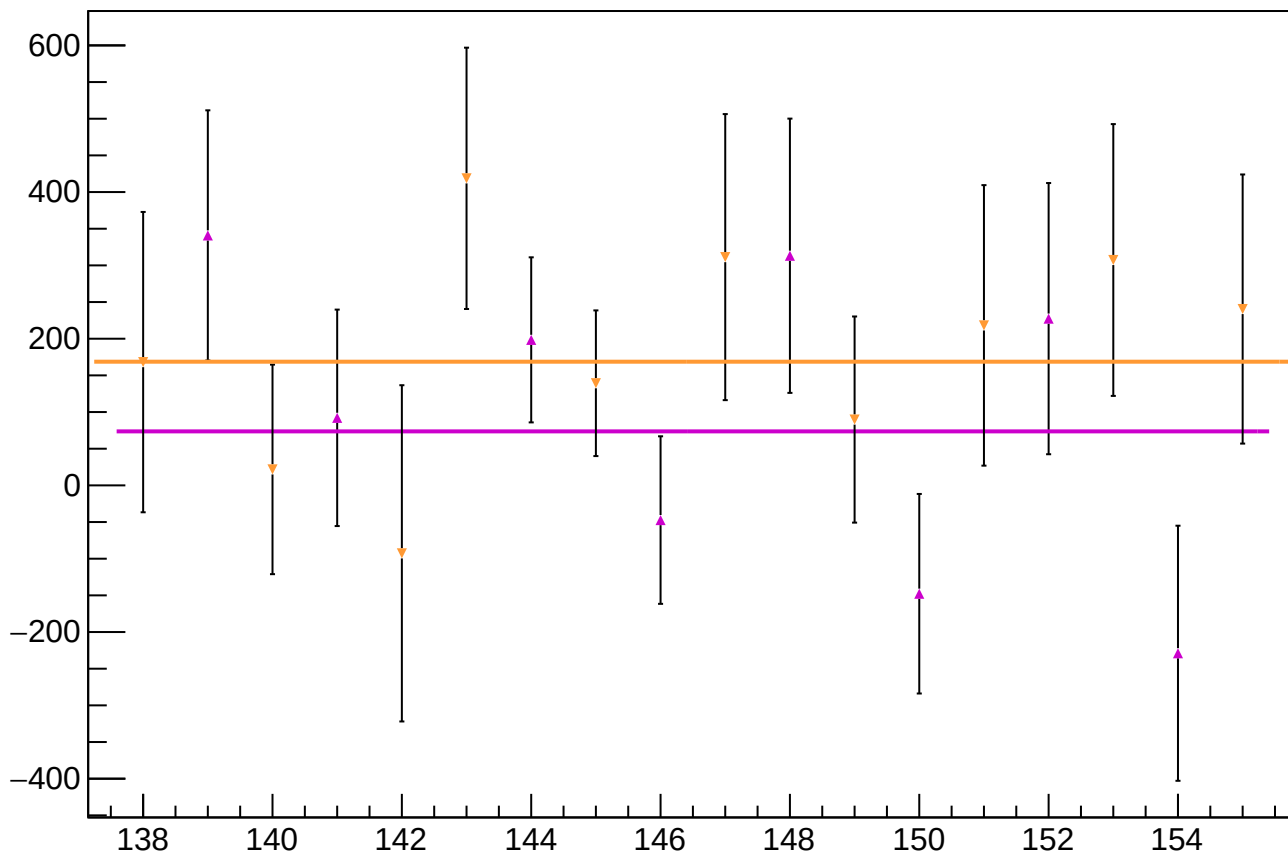
Left In: 132.447+/-0.037 χ^2/NDF : 567707.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.210+/-0.026 χ^2/NDF : 1573232.5/17

- 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: 168.661+/-50.784 χ^2/NDF : 6.0/9

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

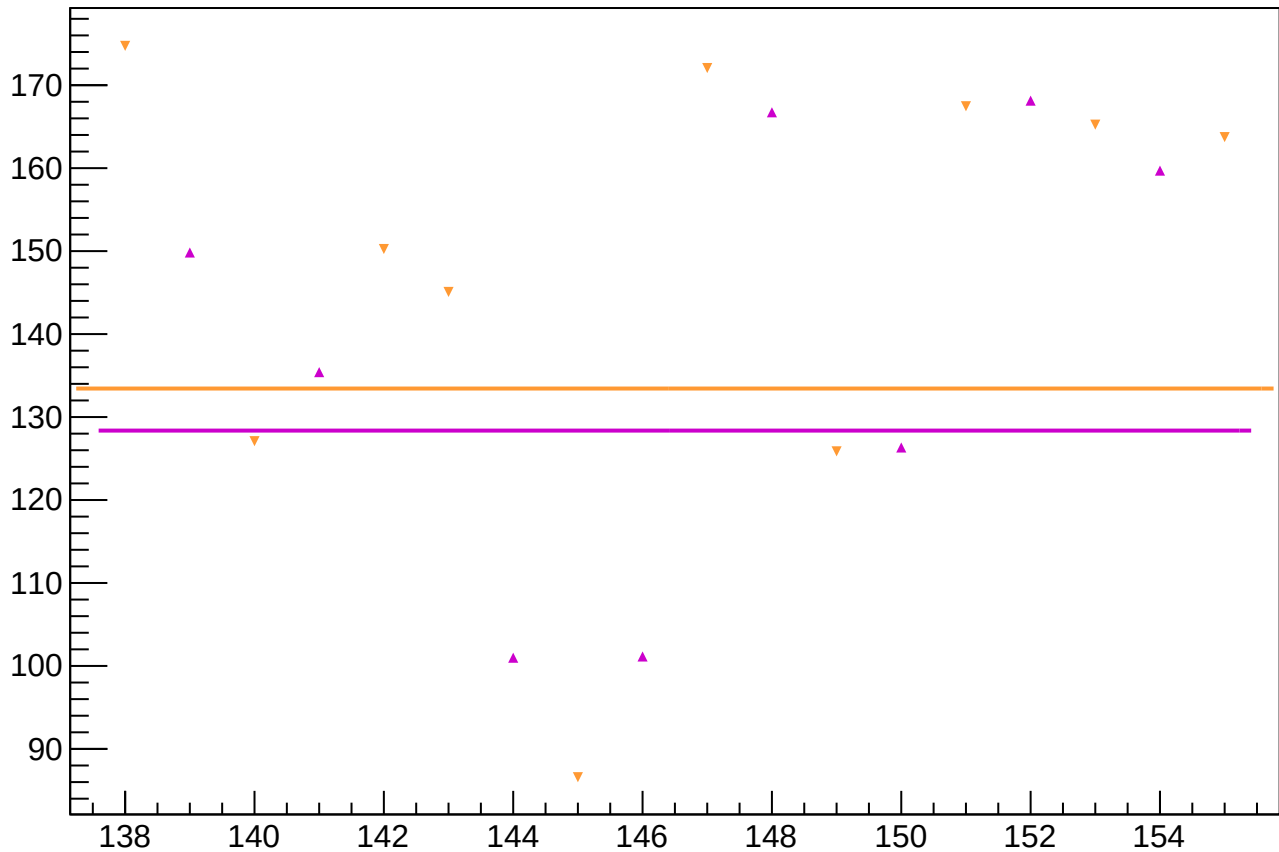
Left In: 73.636+/-51.250 χ^2/NDF : 12.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.582+/-36.073 χ^2/NDF : 20.6/17

- 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: 133.437+/-0.036 χ^2/NDF : 810535.8/9

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

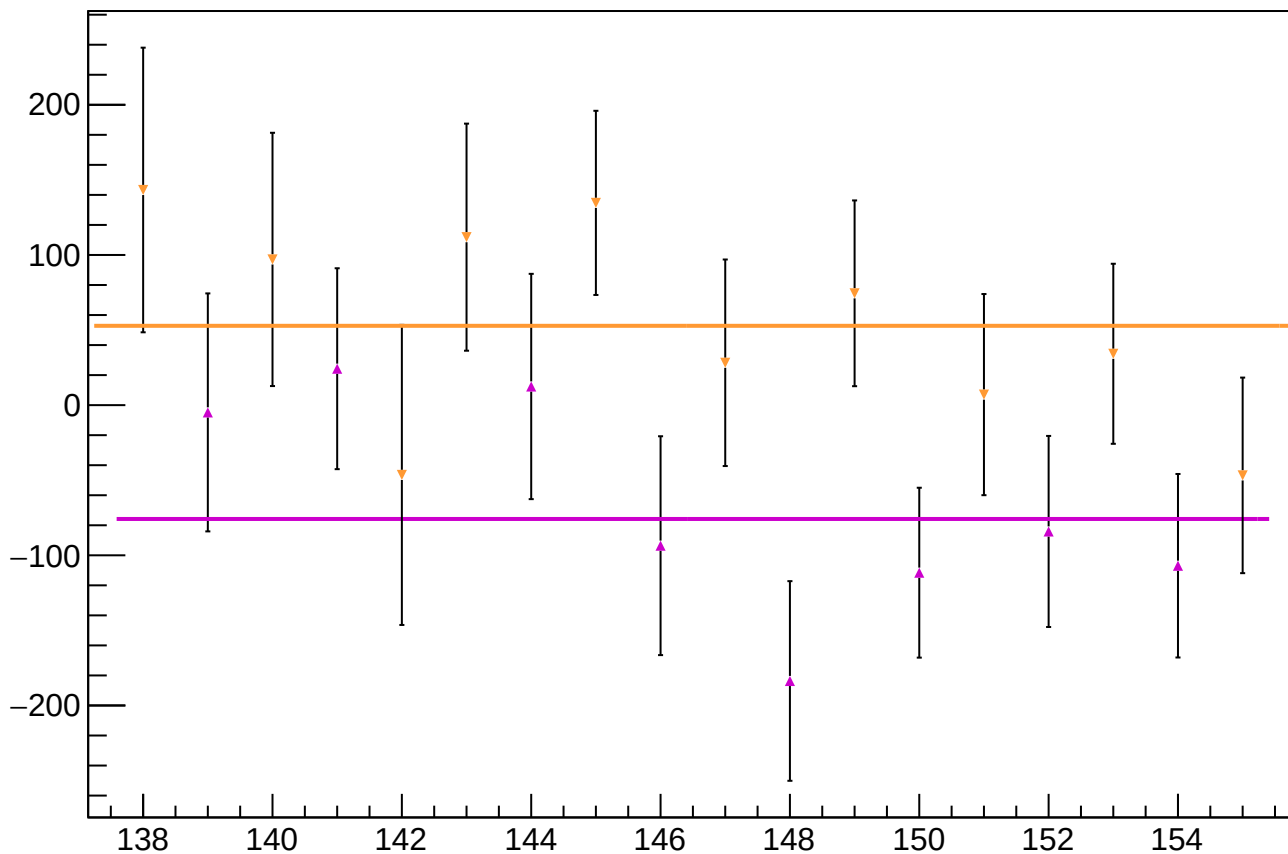
Left In: 128.368+/-0.036 χ^2/NDF : 510156.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.926+/-0.026 χ^2/NDF : 1330564.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 52.828+/-22.344 χ^2/NDF : 7.7/9

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

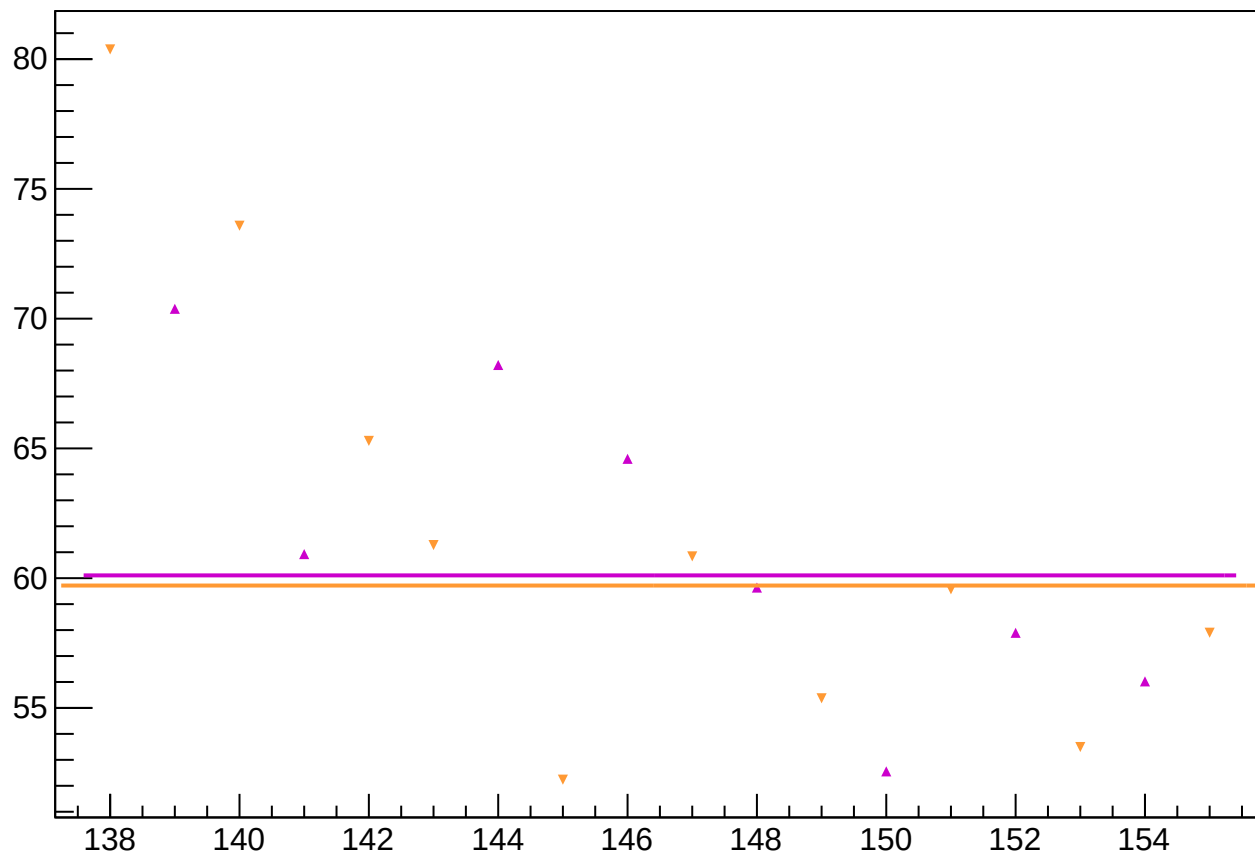
Left In: -75.801+/-23.554 χ^2/NDF : 7.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.099+/-16.210 χ^2/NDF : 31.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 59.716+/-0.016 χ^2/NDF : 219447.3/9

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

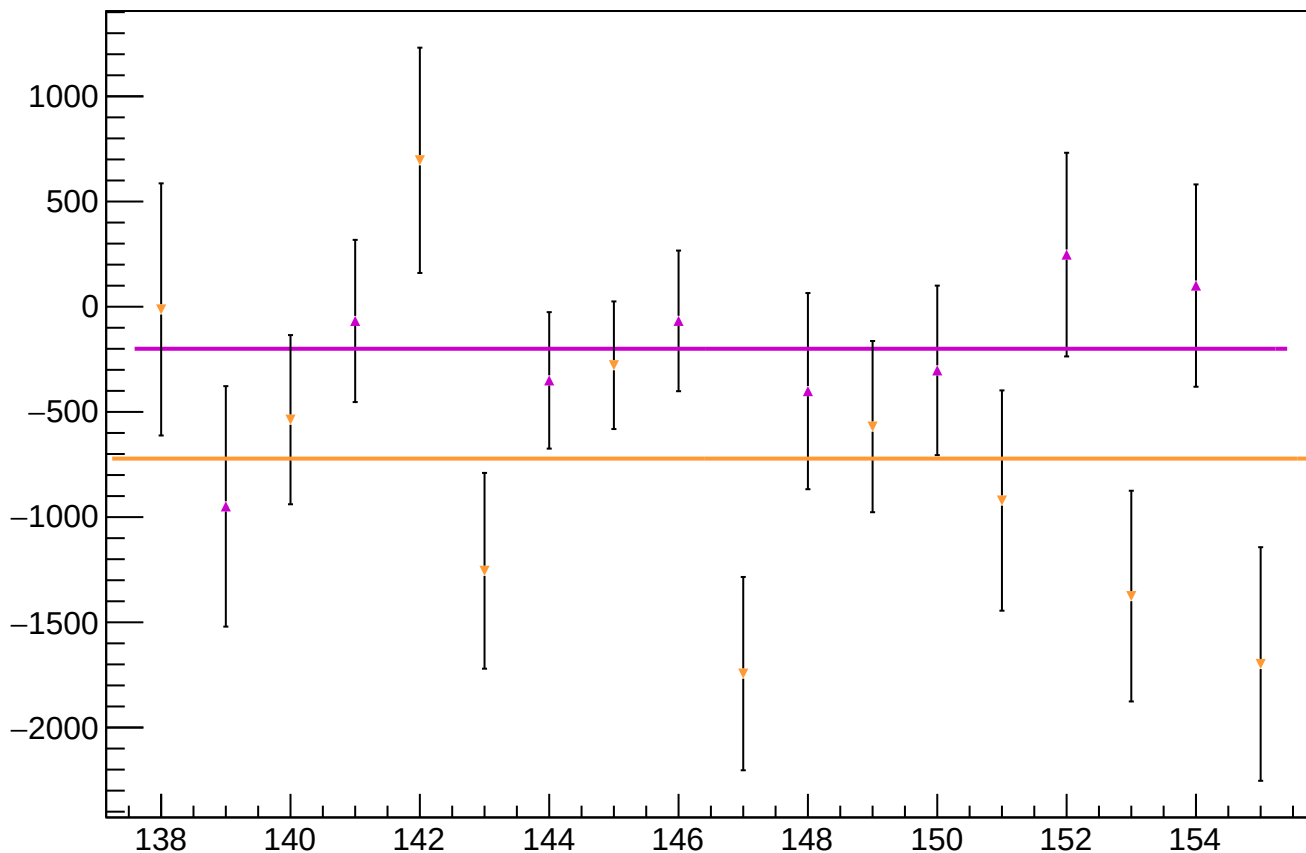
Left In: 60.107+/-0.017 χ^2/NDF : 111972.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.902+/-0.011 χ^2/NDF : 331709.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_mean vs Slug



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

Left Out: -721.848+/-141.975 χ^2/NDF :22.1/9

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

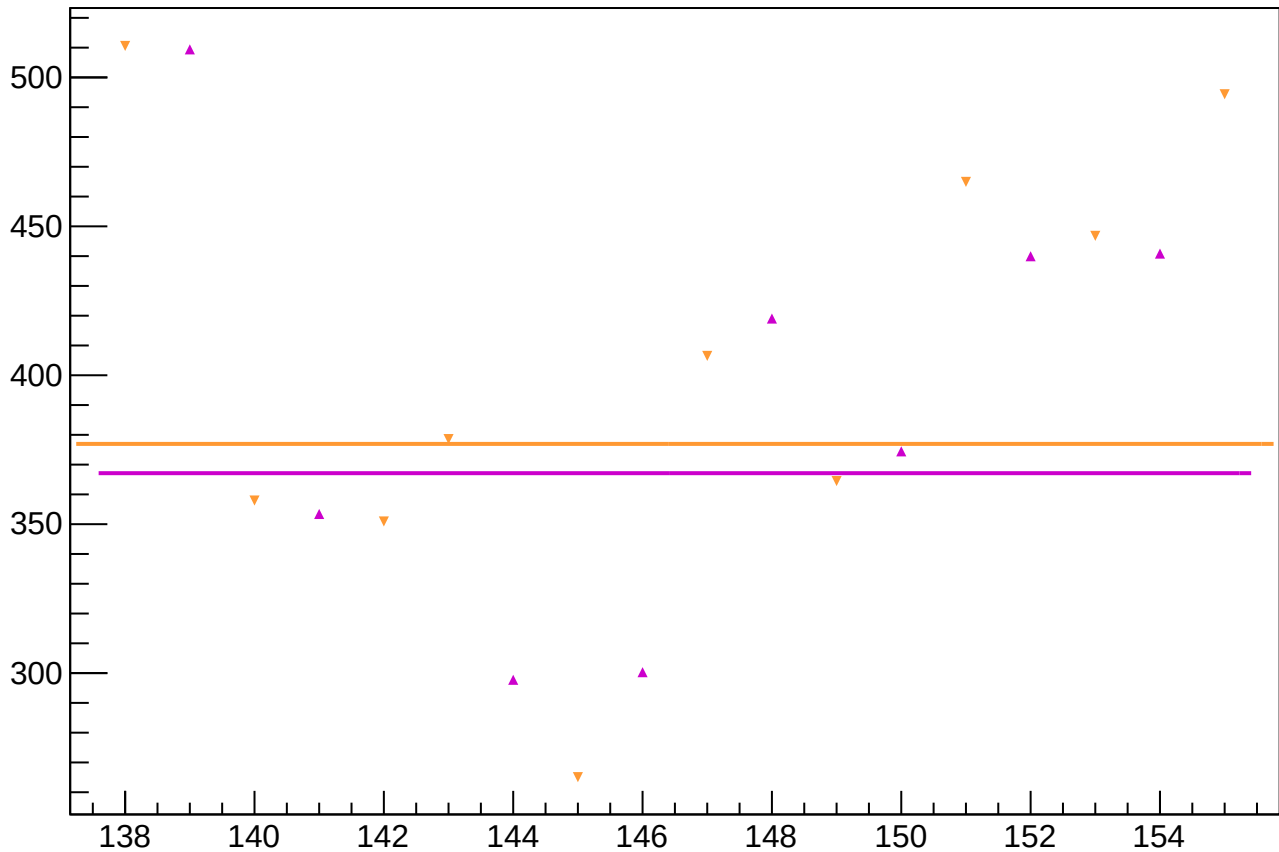
Left In: -199.788+/-144.933 χ^2/NDF :3.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -466.199+/-101.421 χ^2/NDF : 32.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_rms vs Slug



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

Left Out: 376.955+/-0.100 χ^2/NDF : 575871.1/9

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

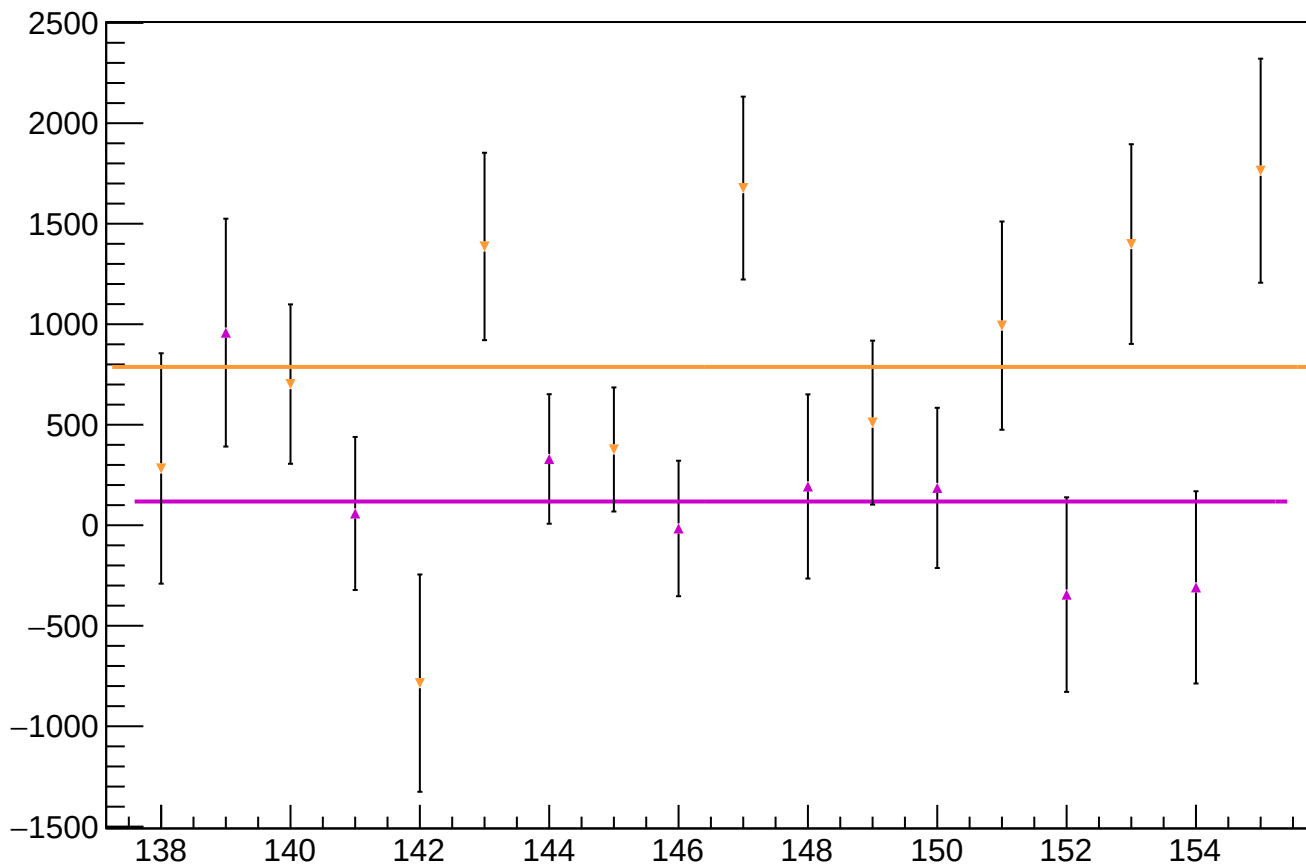
Left In: 367.125+/-0.102 χ^2/NDF : 415713.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.141+/-0.072 χ^2/NDF : 996279.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_mean vs Slug



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

Left Out: 787.599+/-141.739 χ^2/NDF :21.7/9

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

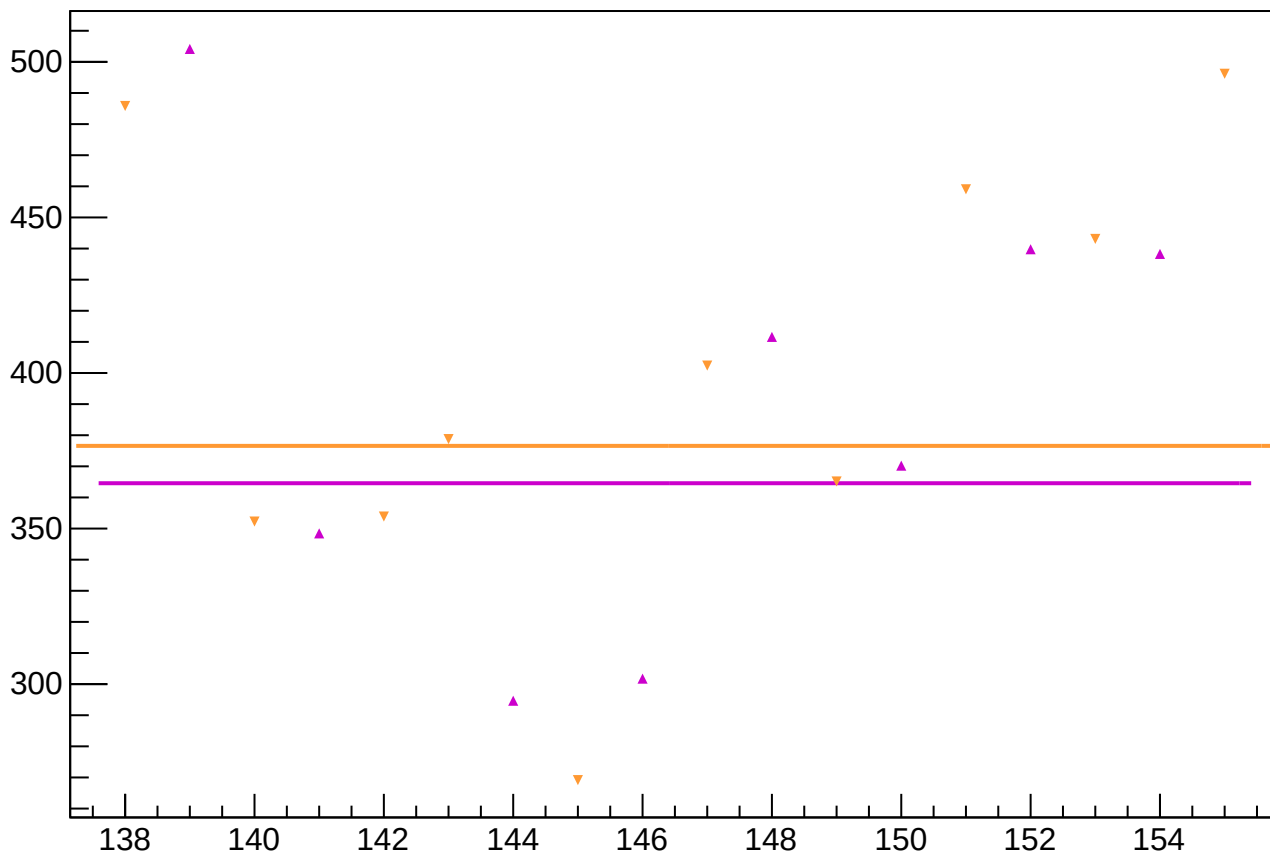
Left In: 118.092+/-144.105 χ^2/NDF :4.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.386+/-101.051 χ^2/NDF : 37.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_rms vs Slug



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

Left Out: 376.577+/-0.100 χ^2/NDF : 512895.8/9

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

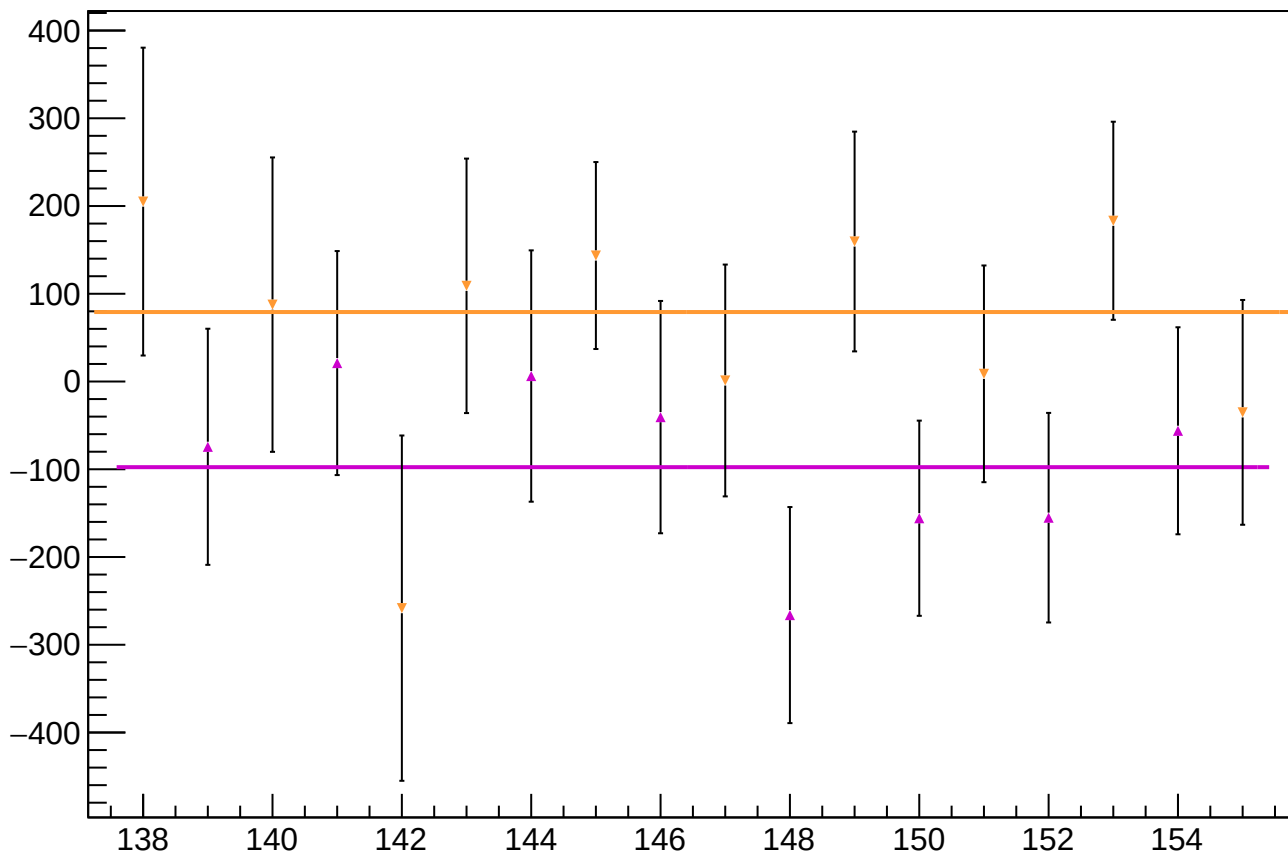
Left In: 364.572+/-0.102 χ^2/NDF : 405836.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.674+/-0.071 χ^2/NDF : 925788.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



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

Left Out: 79.187 $\pm$ 42.424 χ^2 /NDF:6.6/9

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

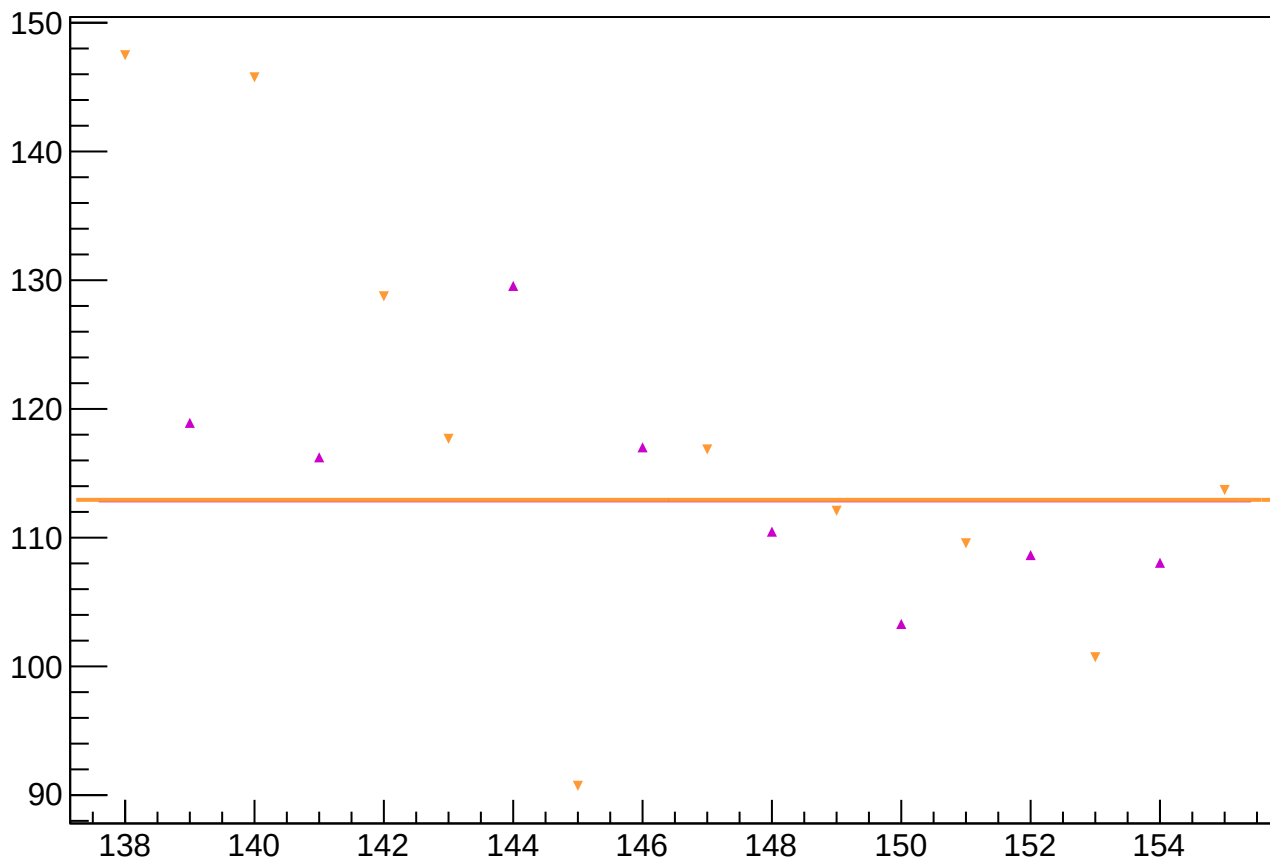
Left In: -97.609 $\pm$ 44.229 χ^2 /NDF:4.1/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.531 $\pm$ 30.616 χ^2 /NDF: 19.0/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



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

Left Out: 112.939+/-0.030 χ^2/NDF : 282969.0/9

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

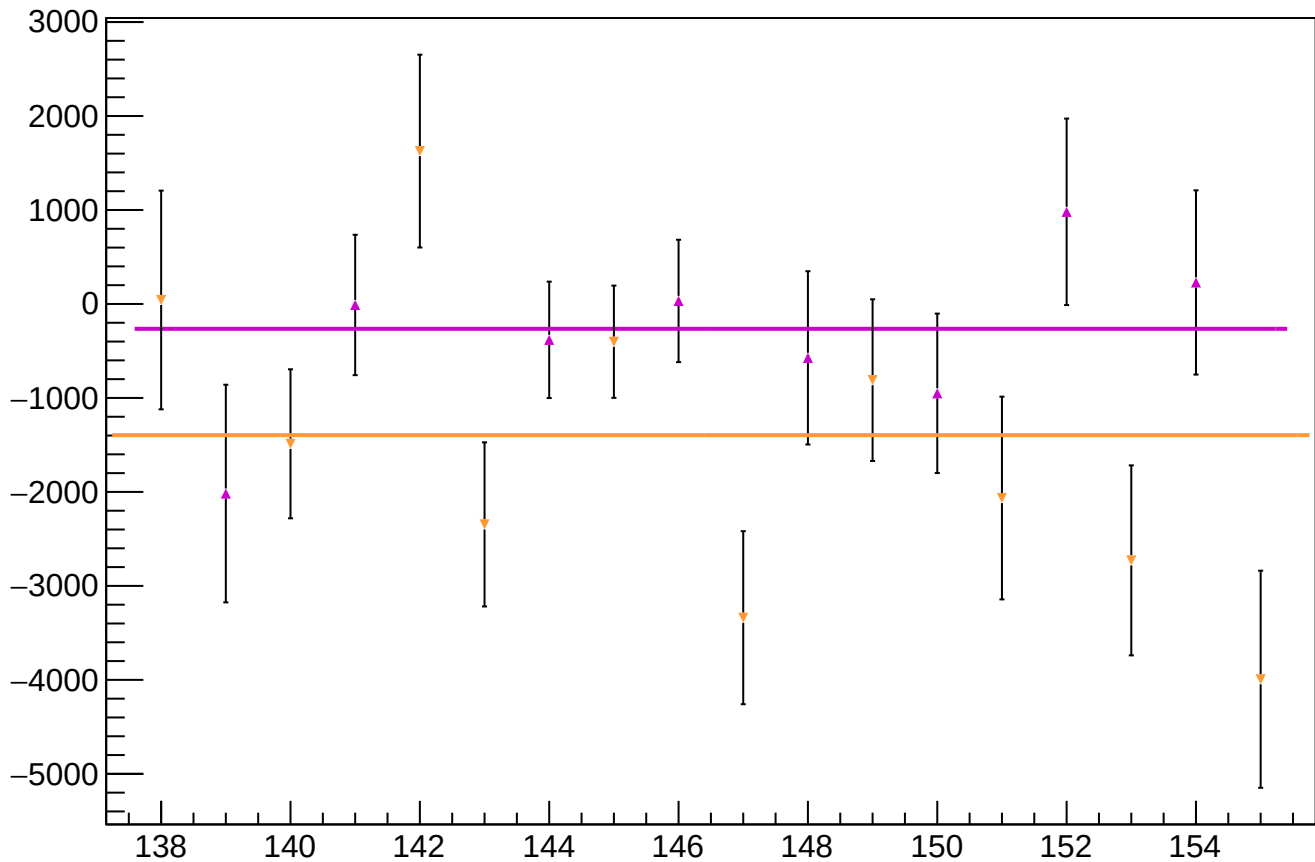
Left In: 112.903+/-0.031 χ^2/NDF : 55965.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.922+/-0.022 χ^2/NDF : 338934.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_mean vs Slug



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

Left Out: -1395.808+/-282.713 χ^2/NDF : 26.3/9

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

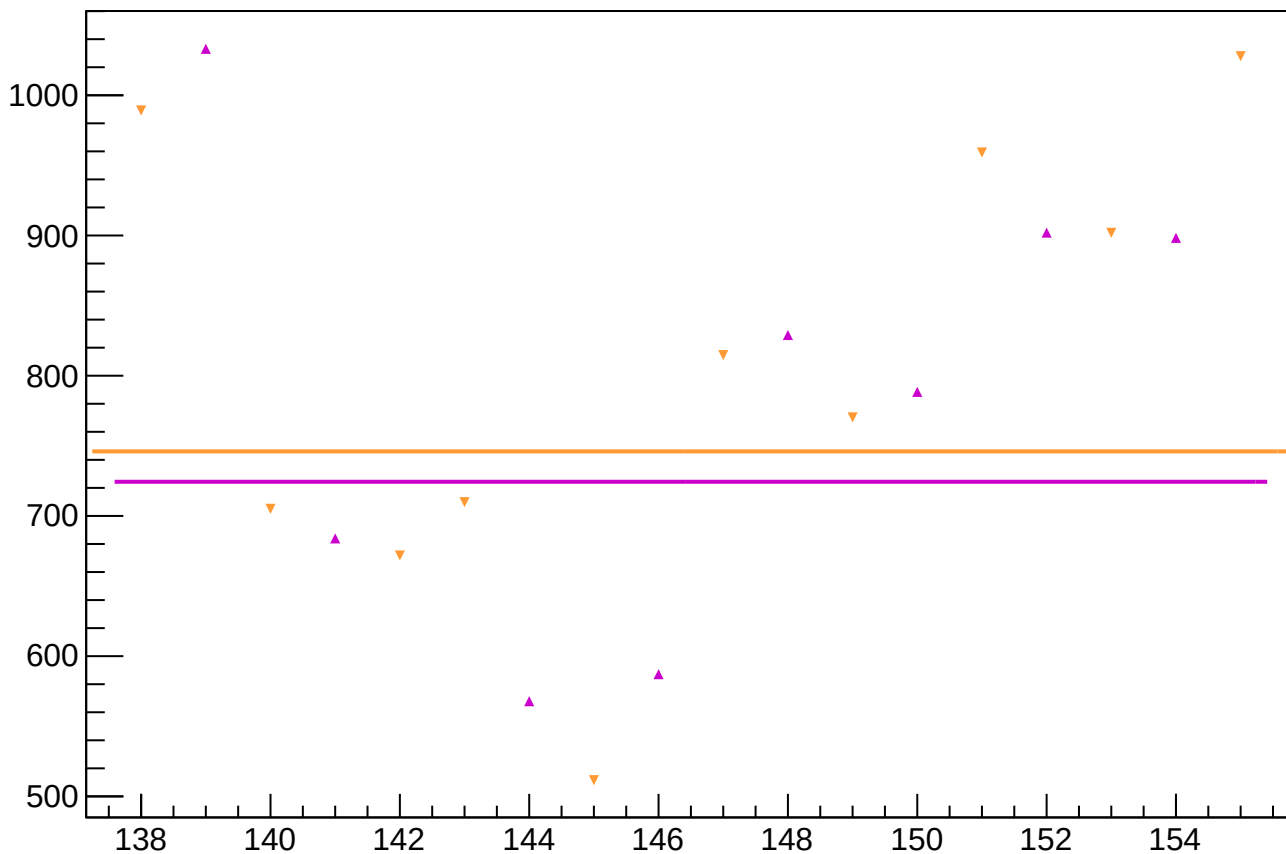
Left In: -264.277+/-287.183 χ^2/NDF : 5.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -838.917+/-201.470 χ^2/NDF : 39.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_correction_rms vs Slug



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

Left Out: 746.040+/-0.200 χ^2/NDF : 672075.4/9

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

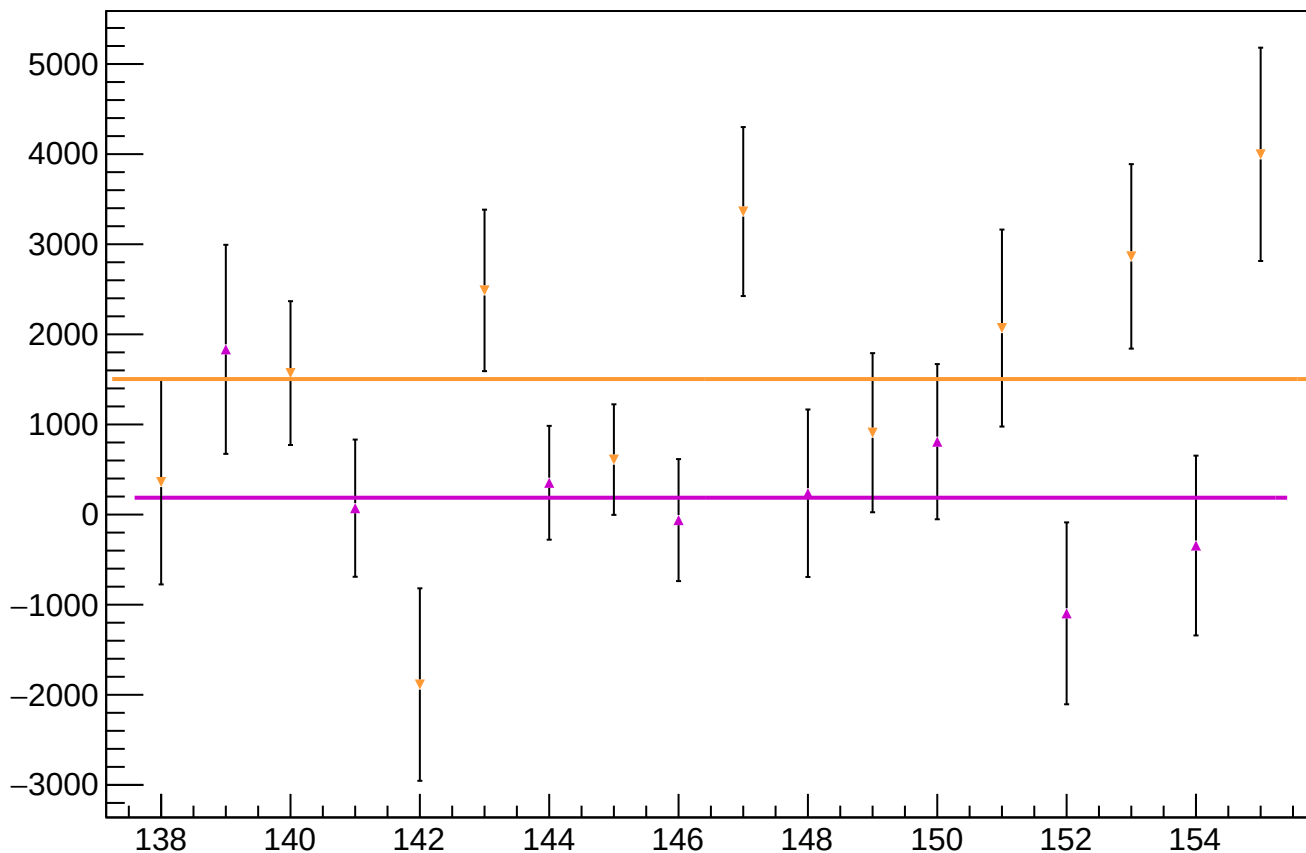
Left In: 724.368+/-0.203 χ^2/NDF : 528800.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 735.374+/-0.142 χ^2/NDF : 1206660.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug



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

Left Out: 1503.959+/-288.104 χ^2/NDF : 25.3/9

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

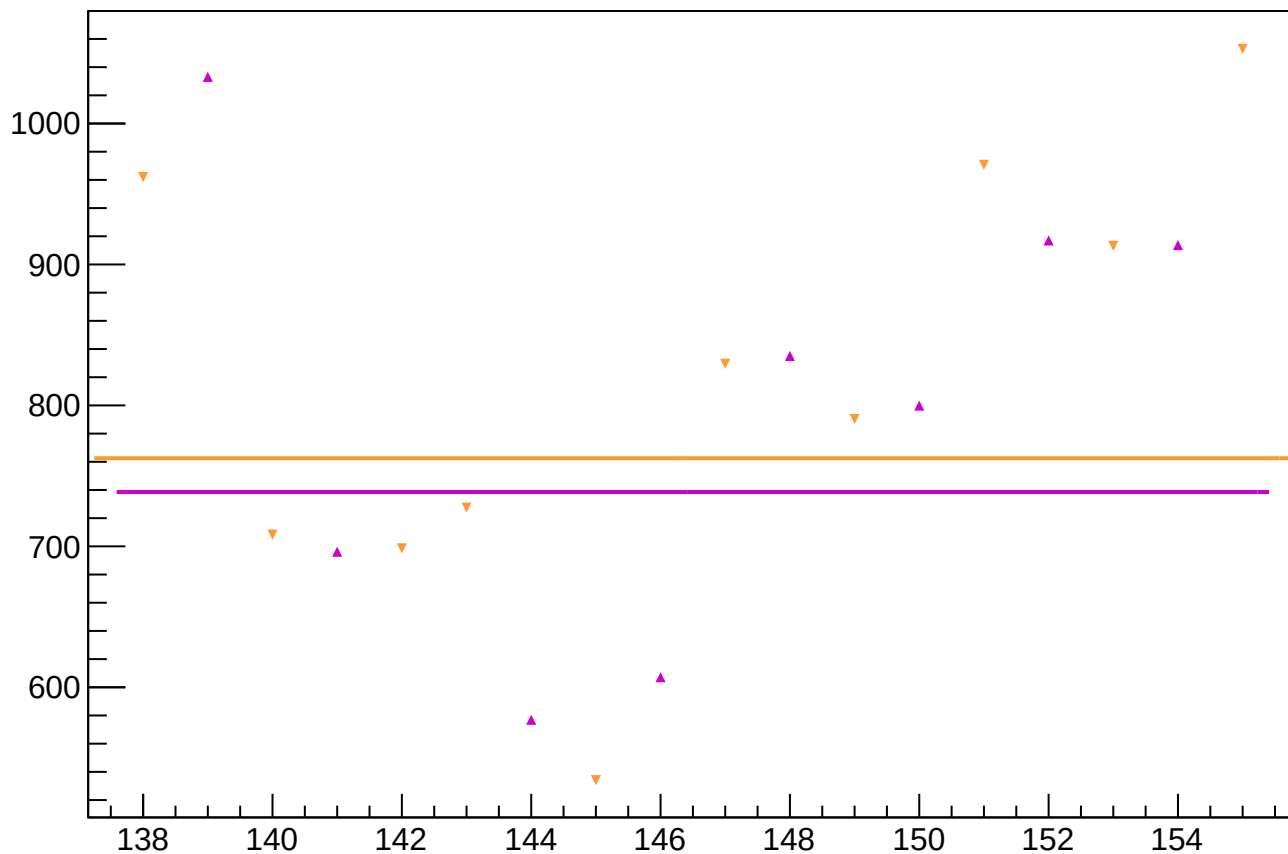
Left In: 187.157+/-292.968 χ^2/NDF : 4.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.581+/-205.418 χ^2/NDF : 40.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_rms vs Slug



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

Left Out: 762.528+/-0.204 χ^2/NDF : 606792.2/9

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

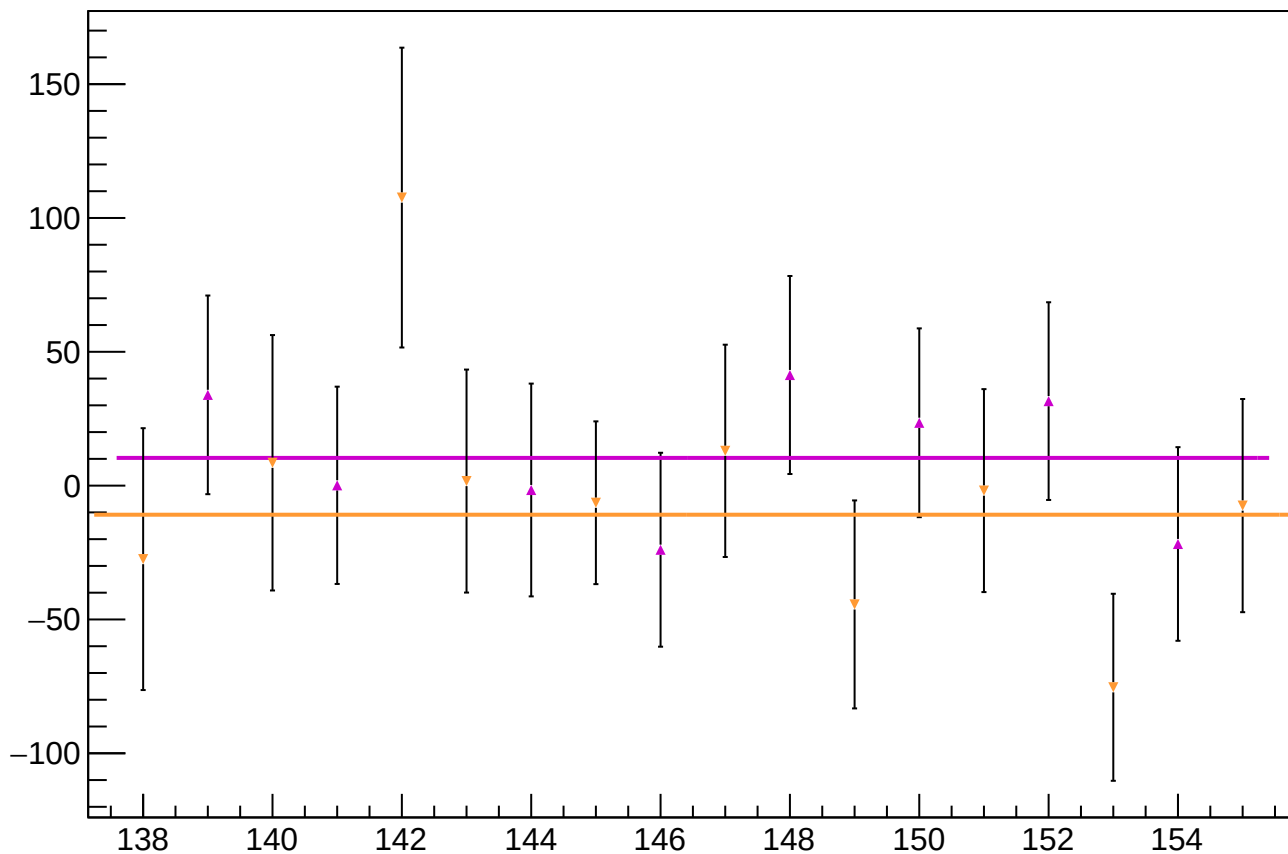
Left In: 738.536+/-0.207 χ^2/NDF : 497381.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.733+/-0.145 χ^2/NDF : 1110992.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -10.866+/-12.621 χ^2/NDF : 9.4/9

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

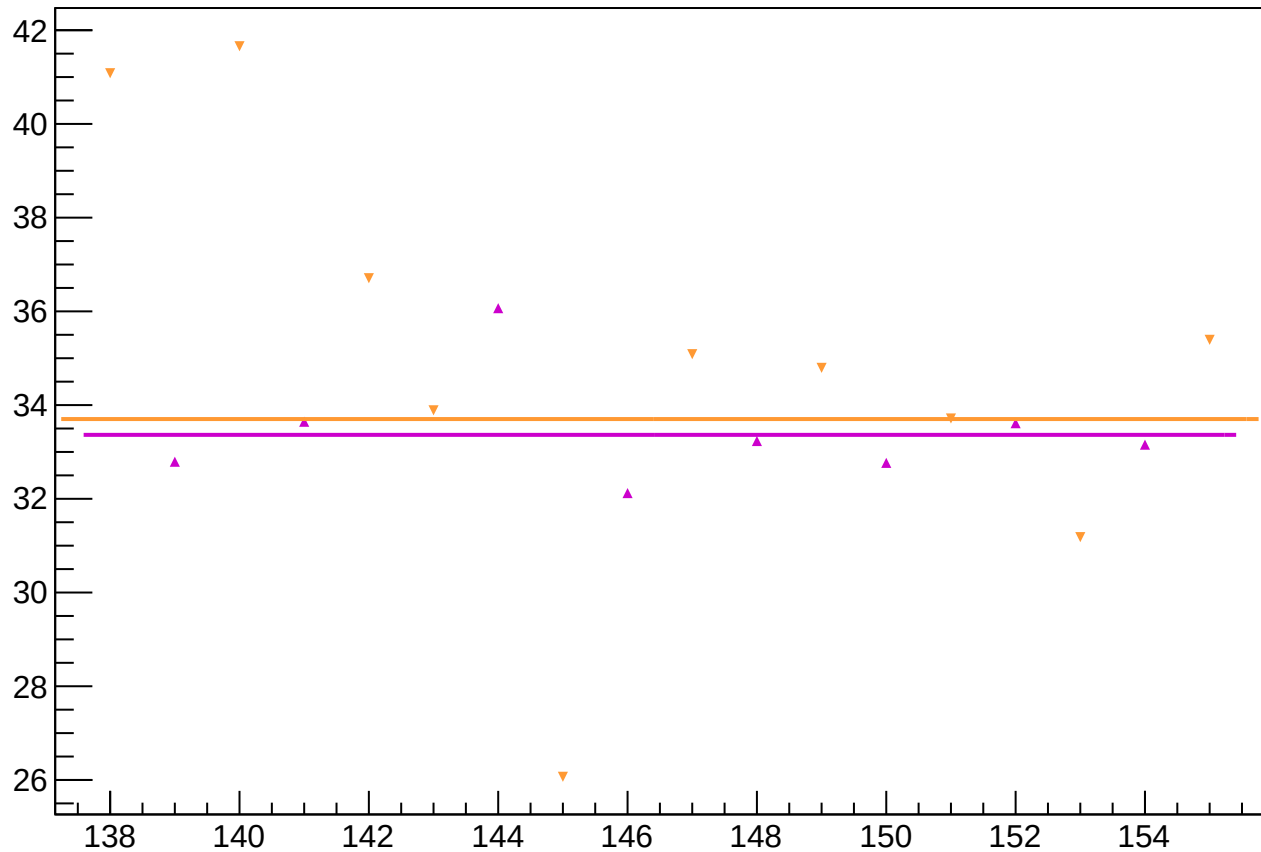
Left In: 10.359+/-13.031 χ^2/NDF : 3.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.592+/-9.066 χ^2/NDF : 14.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 33.702+/-0.009 χ^2/NDF :251037.6/9

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

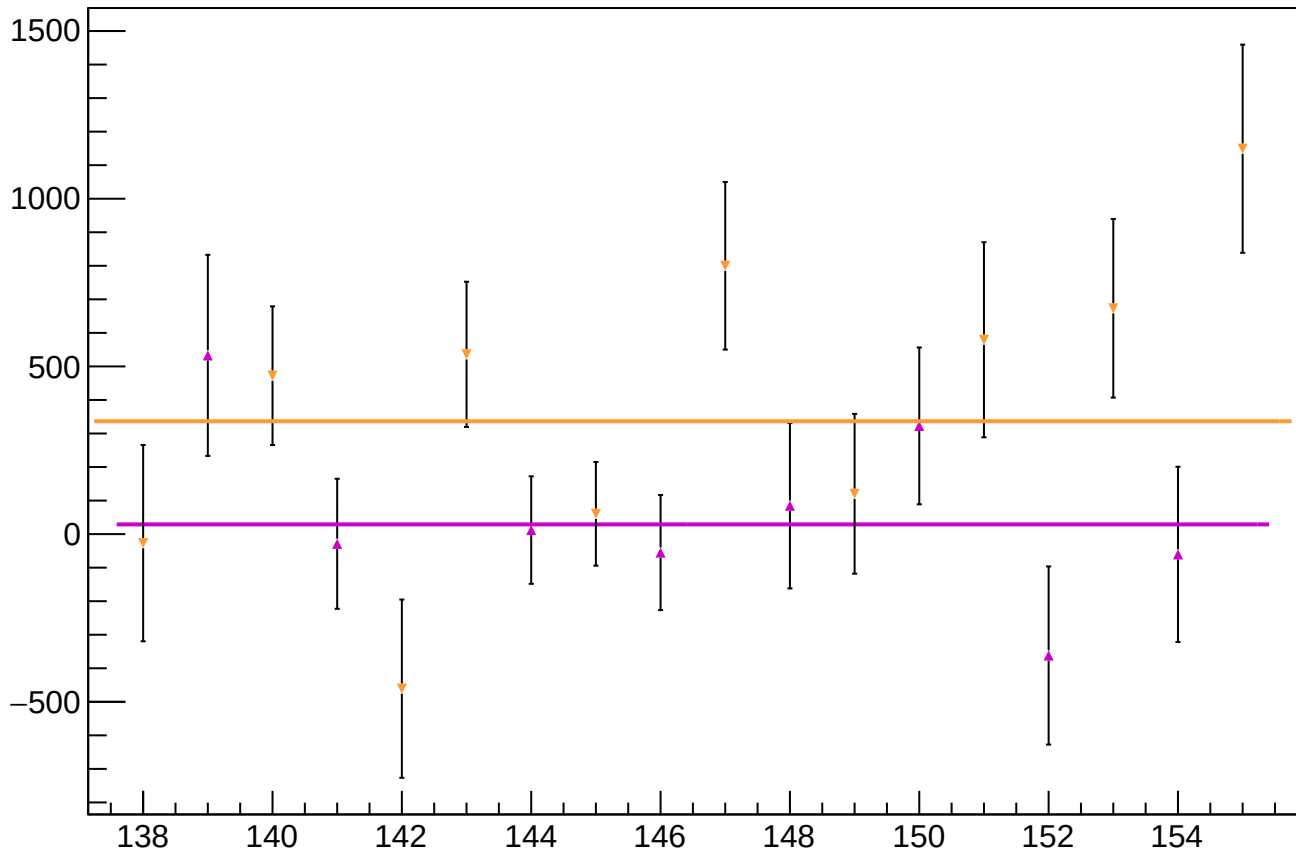
Left In: 33.365+/-0.009 χ^2/NDF :12952.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.539+/-0.006 χ^2/NDF : 264681.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_mean vs Slug



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

Left Out: 336.597+/-74.051 χ^2/NDF : 28.4/9

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

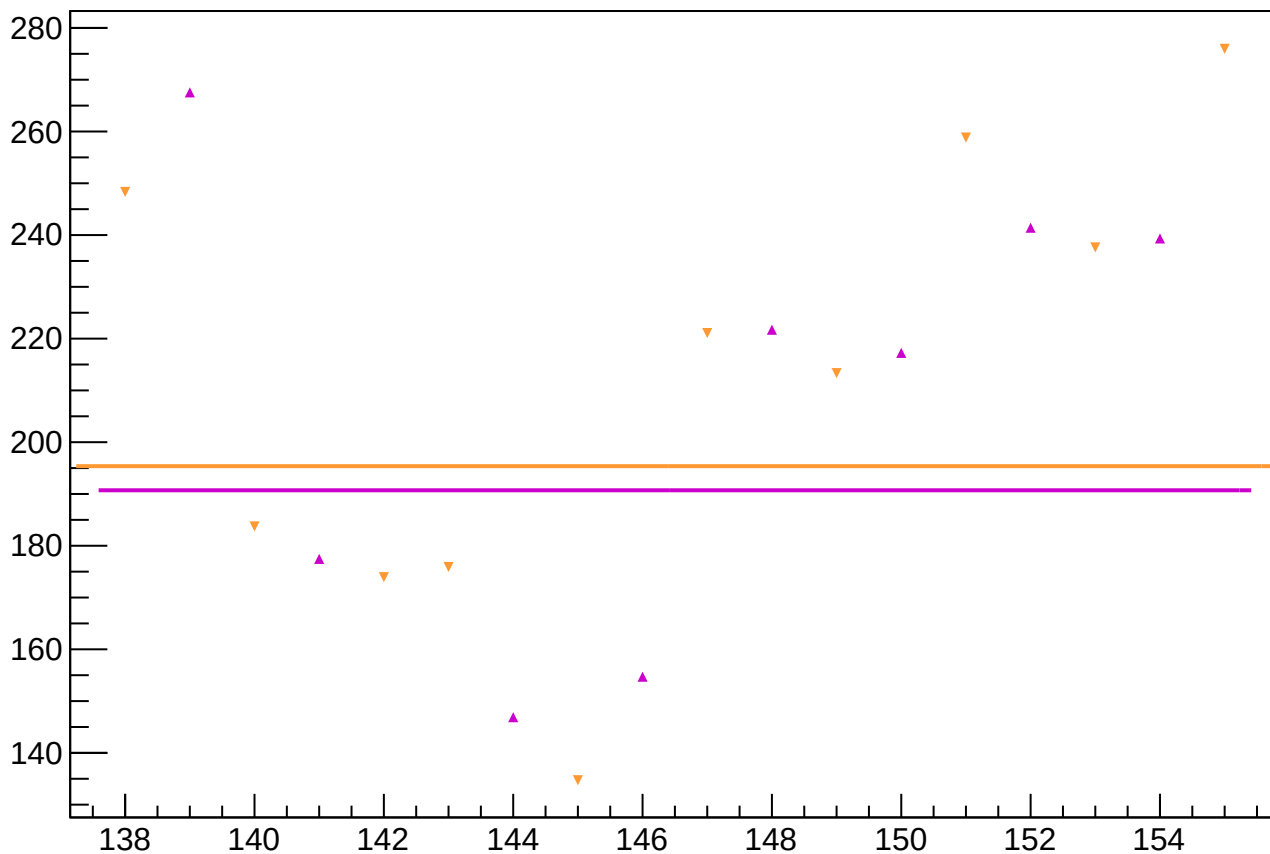
Left In: 28.944+/-75.765 χ^2/NDF : 7.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.290+/-52.957 χ^2/NDF : 43.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_correction_rms vs Slug



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

Left Out: 195.371+/-0.052 χ^2/NDF : 722035.7/9

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

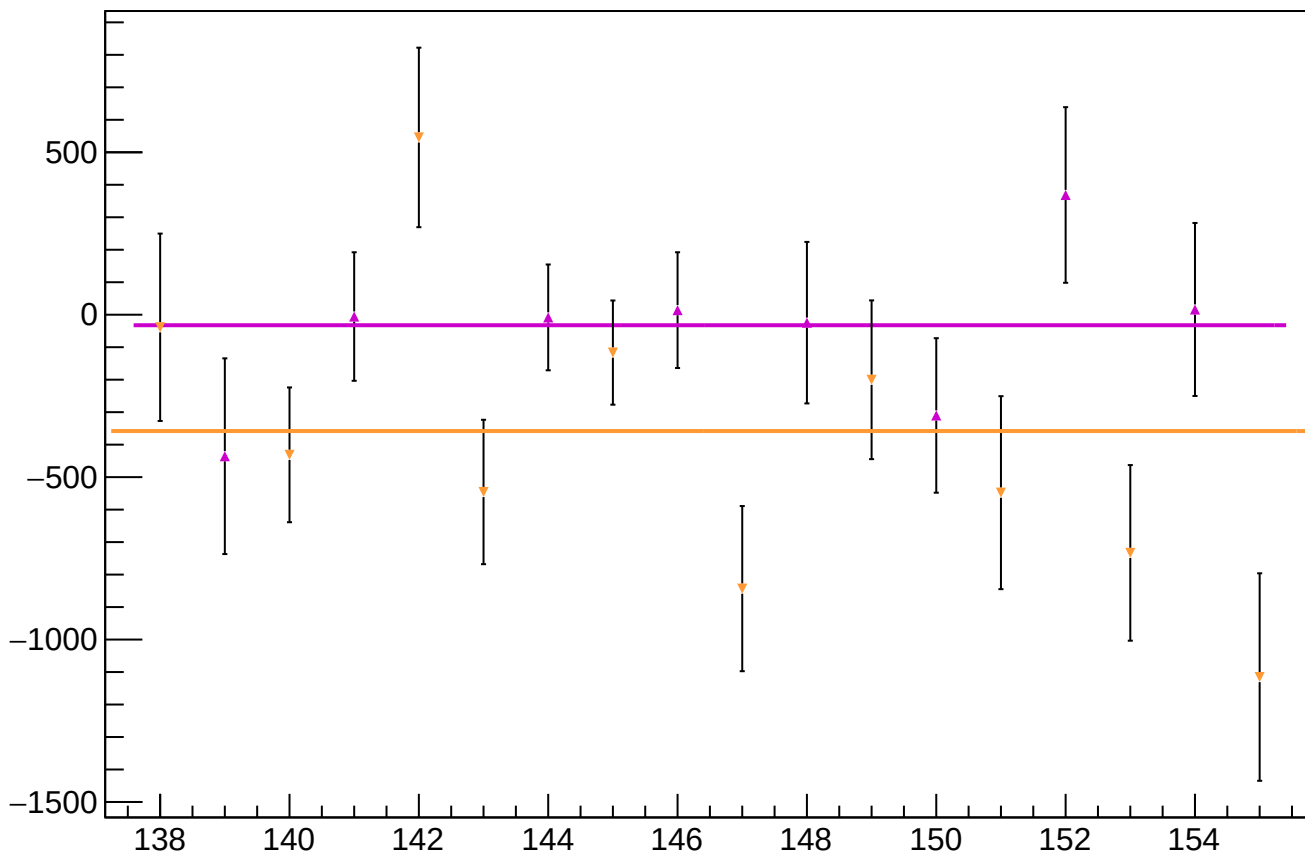
Left In: 190.713+/-0.054 χ^2/NDF : 577900.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.095+/-0.037 χ^2/NDF : 1303802.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -358.117 $\pm$ 75.696 χ^2 /NDF:27.0/9

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

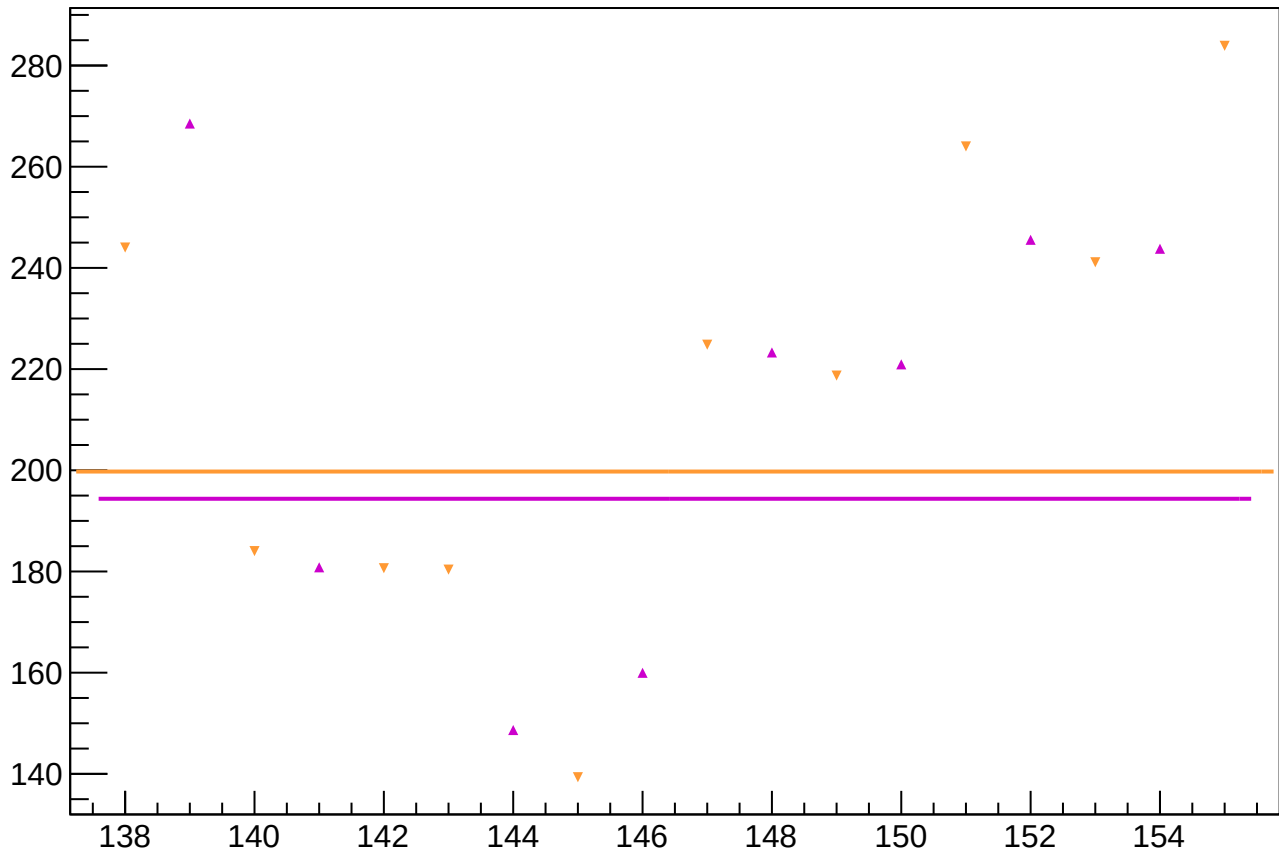
Left In: -32.364 $\pm$ 77.286 χ^2 /NDF:5.5/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -198.627 $\pm$ 54.079 χ^2 /NDF: 41.6/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



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

Left Out: 199.754+/-0.054 χ^2/NDF : 678001.8/9

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

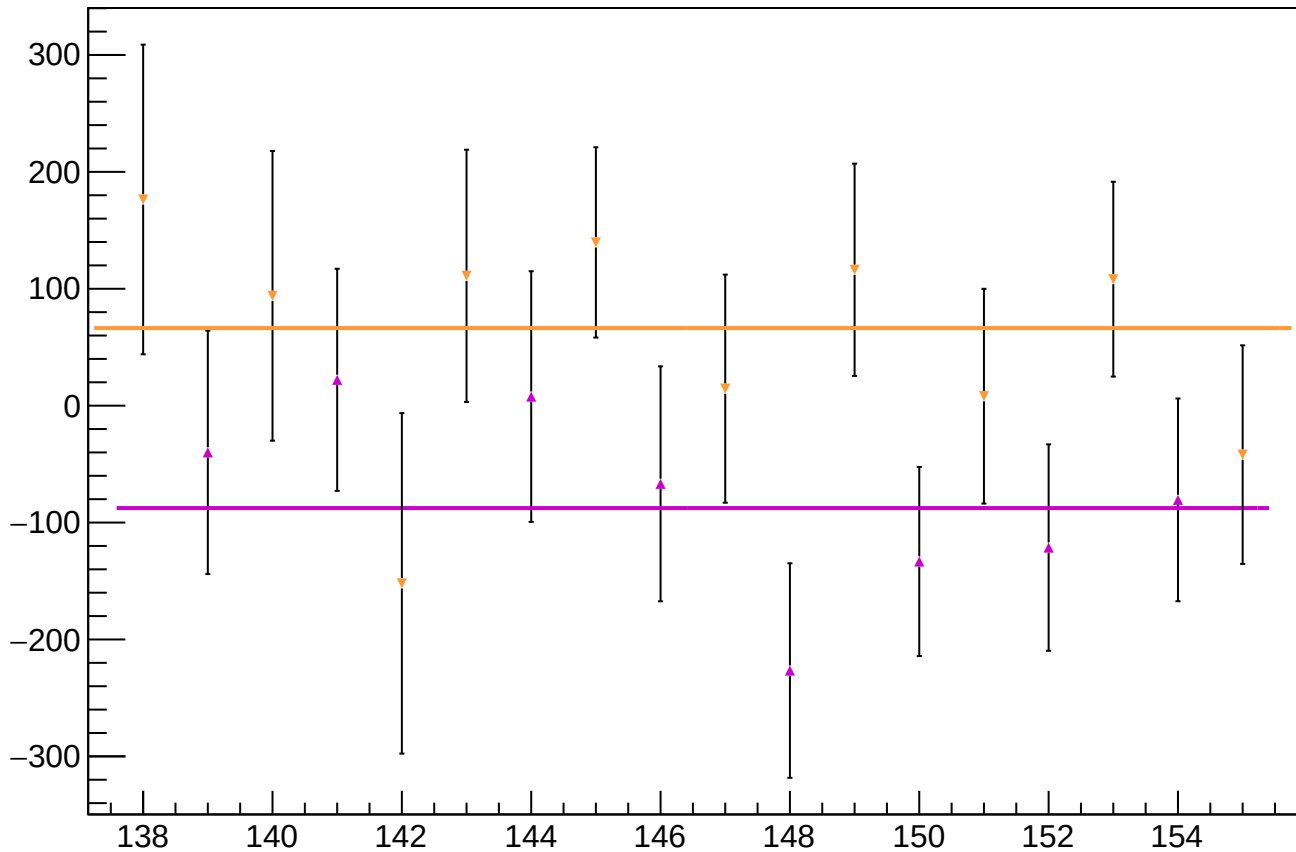
Left In: 194.371+/-0.055 χ^2/NDF : 555221.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.118+/-0.038 χ^2/NDF : 1238173.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



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

Left Out: 66.381+/-31.475 χ^2/NDF : 6.5/9

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

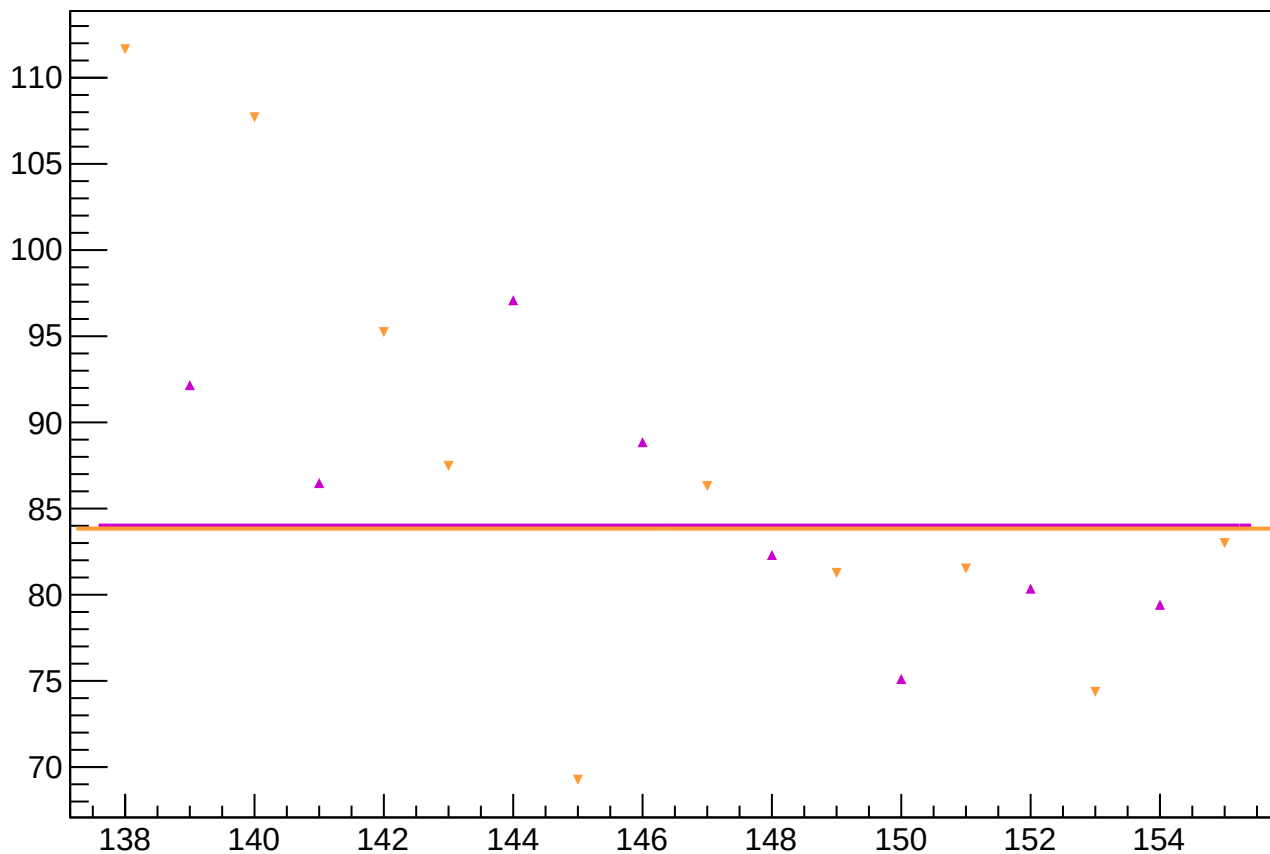
Left In: -87.586+/-32.934 χ^2/NDF : 5.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.115+/-22.754 χ^2/NDF : 23.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



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

Left Out: 83.838+/-0.022 χ^2/NDF : 271178.0/9

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

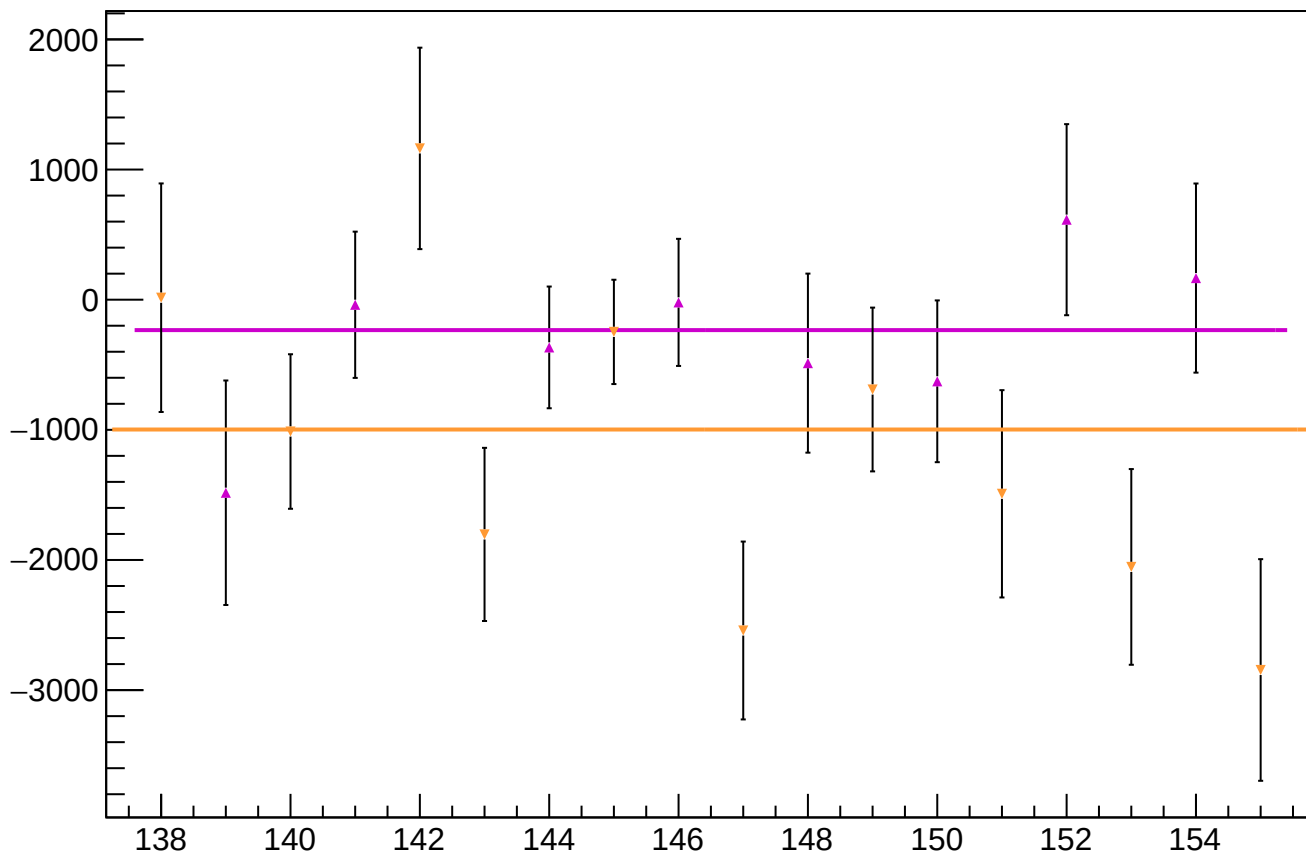
Left In: 84.012+/-0.023 χ^2/NDF : 81938.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.922+/-0.016 χ^2/NDF : 353145.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -997.587+/-205.501 χ^2/NDF : 26.5/9

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

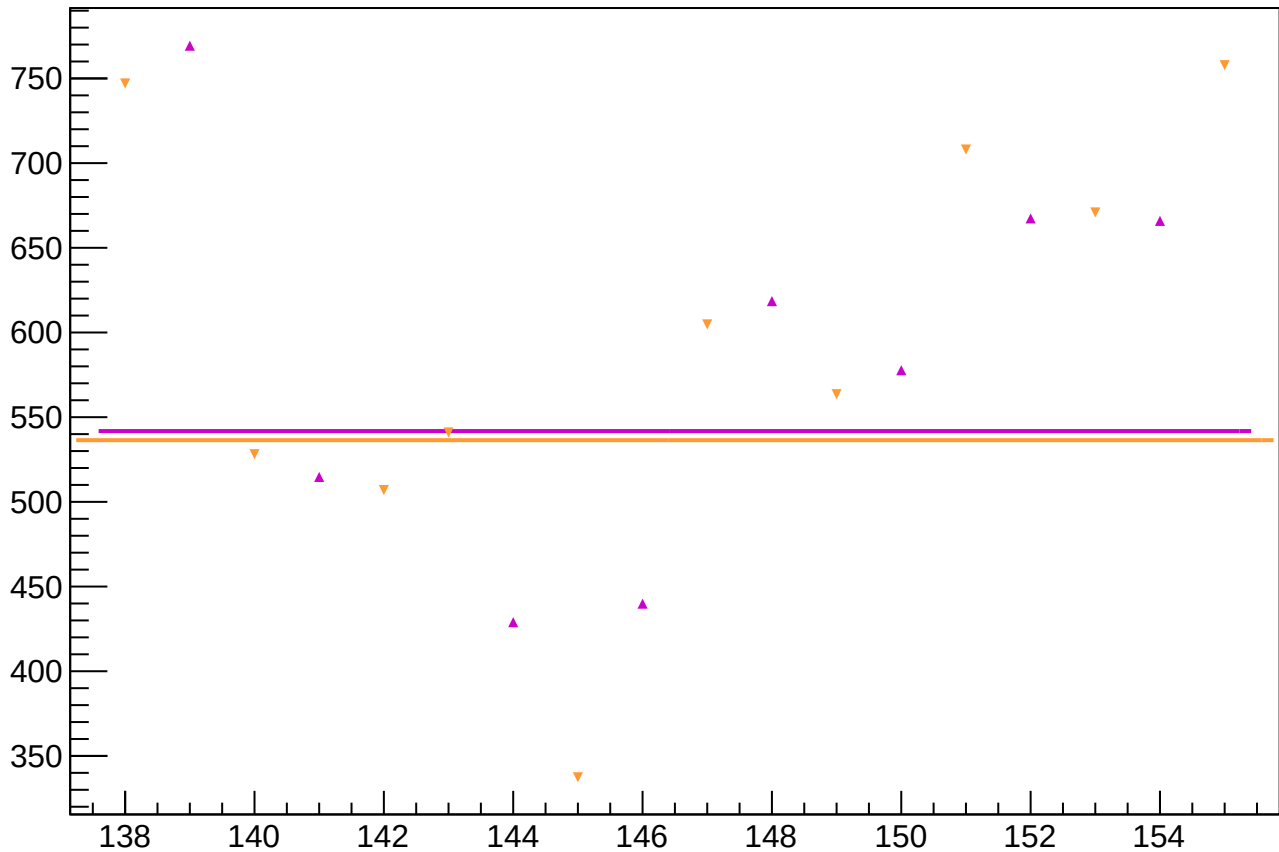
Left In: -233.743+/-214.530 χ^2/NDF : 4.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -632.077+/-148.400 χ^2/NDF : 37.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_rms vs Slug



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

Left Out: 536.423+/-0.145 χ^2/NDF : 927540.9/9

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

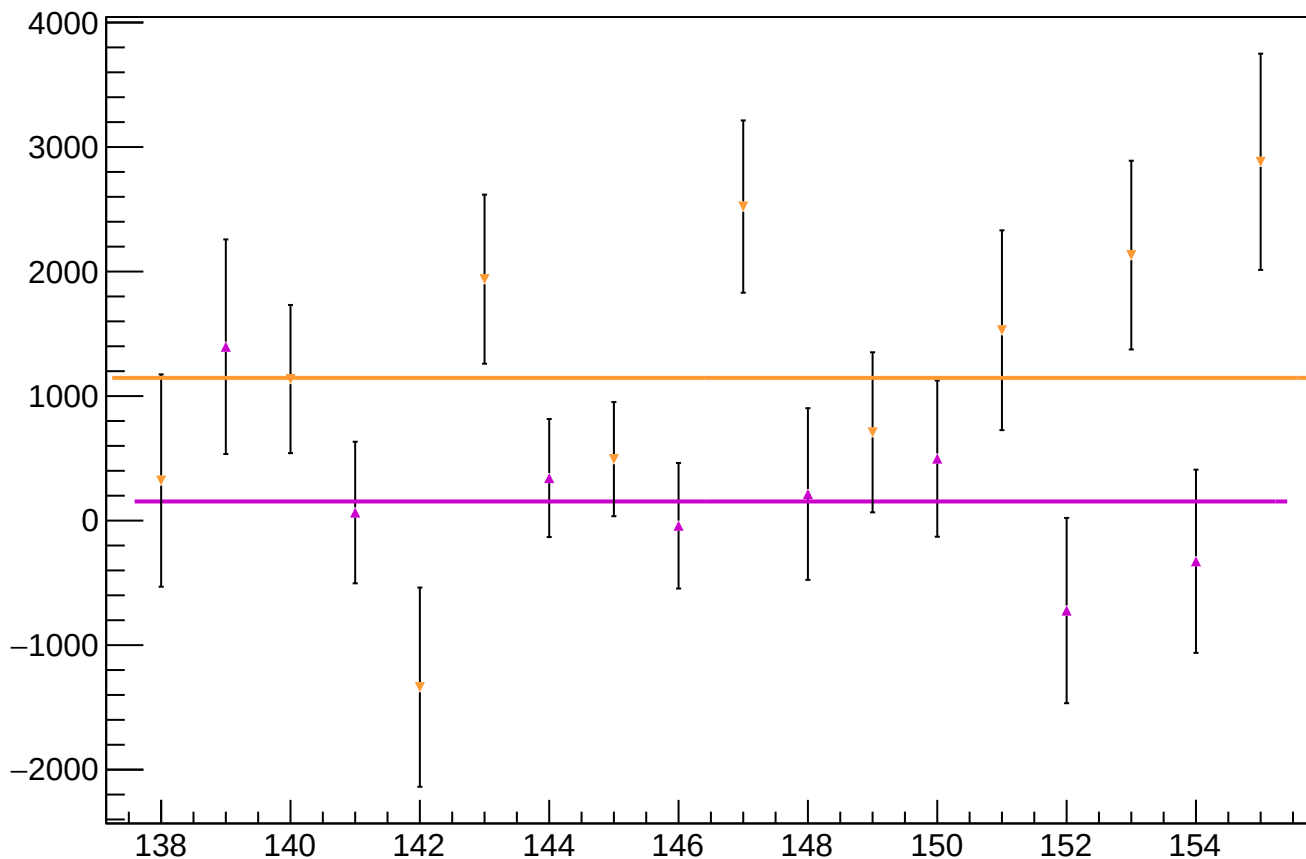
Left In: 541.807+/-0.152 χ^2/NDF : 495695.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.999+/-0.105 χ^2/NDF : 1423893.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_mean vs Slug



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

Left Out: 1146.279+/-214.066 χ^2/NDF : 24.3/9

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

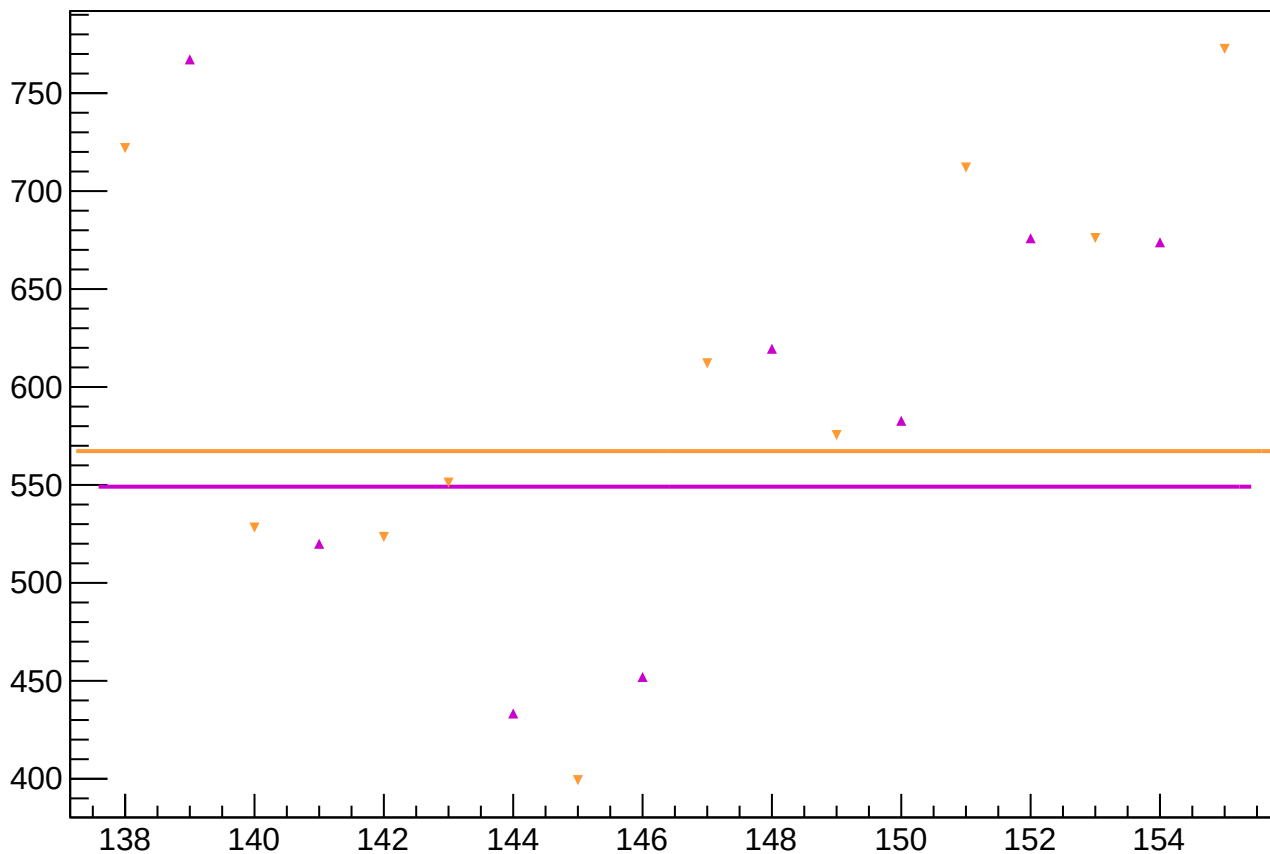
Left In: 153.662+/-217.582 χ^2/NDF : 4.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.055+/-152.596 χ^2/NDF : 39.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_rms vs Slug



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

Left Out: 567.274+/-0.151 χ^2/NDF : 576966.3/9

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

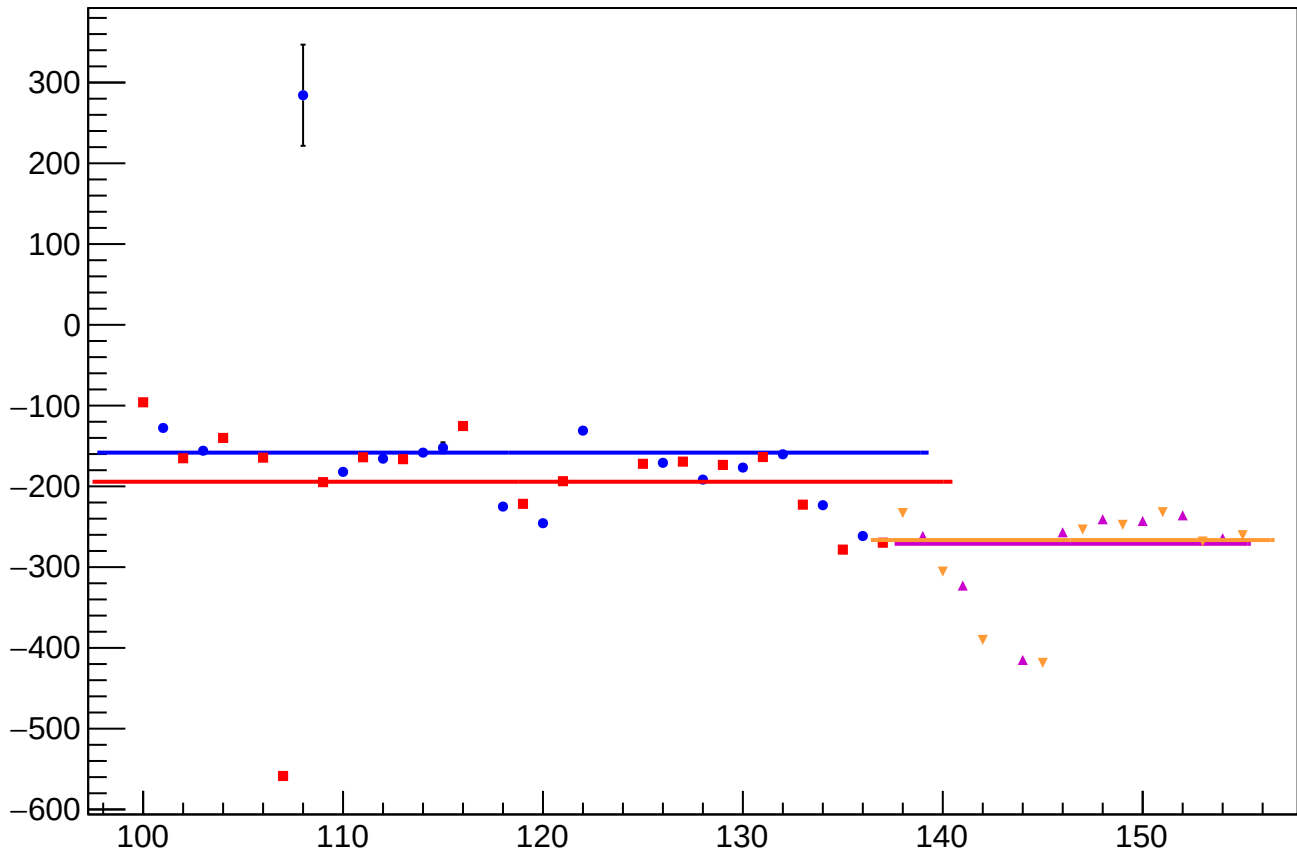
Left In: 549.119+/-0.154 χ^2/NDF : 469108.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.344+/-0.108 χ^2/NDF : 1053150.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 χ^2/NDF : 117166.2/15

Left Out: -266.492 ± 0.189 χ^2/NDF : 25167.7/8

Right Out: -194.268 ± 0.165 χ^2/NDF : 176560.4/17

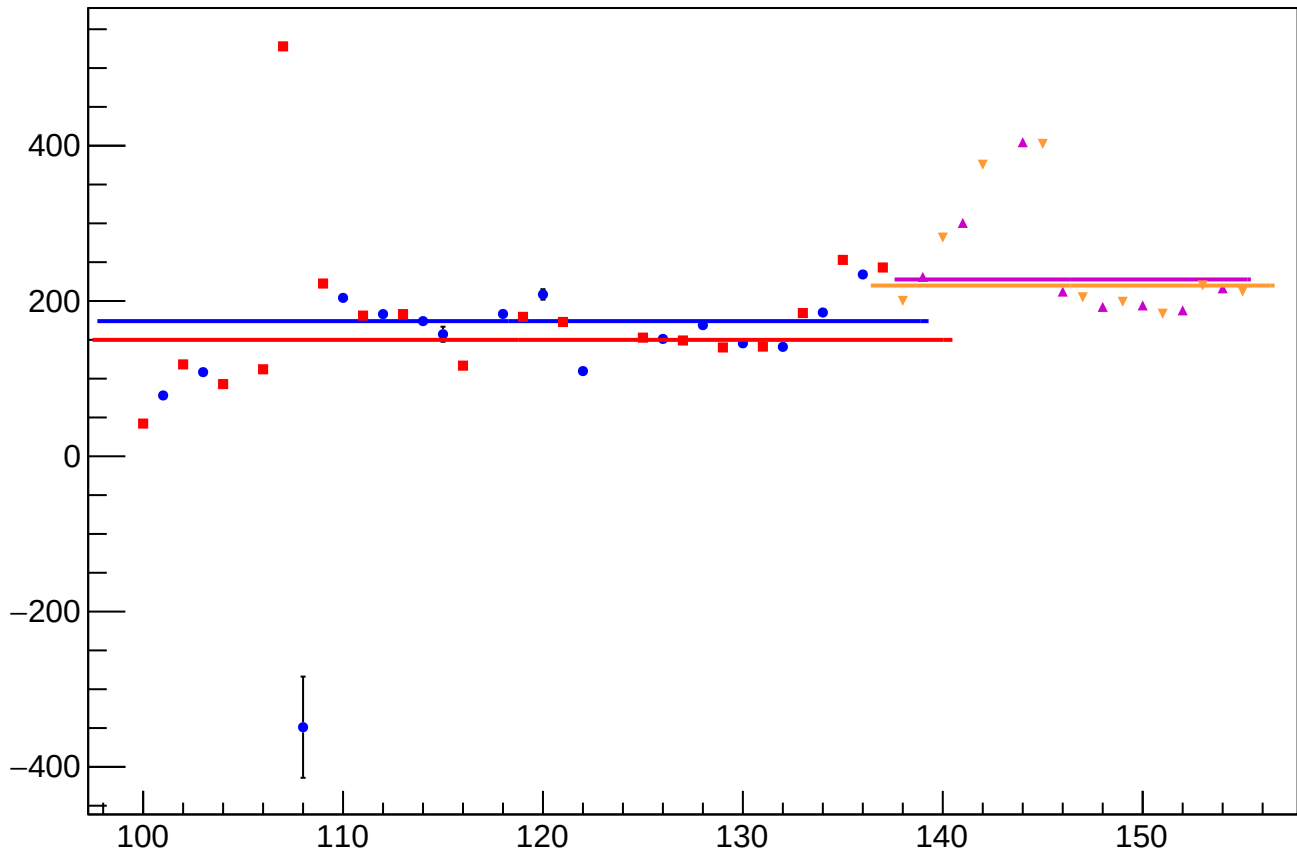
Left In: -271.118 ± 0.210 χ^2/NDF : 42334.5/7

+ sign -158.222 ± 0.000 χ^2/NDF : 471686.3/24

All: -158.222 ± 0.000 χ^2/NDF : 1026896.9/50

- sign -223.612 ± 0.130 χ^2/NDF : 301582.7/25

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 219.896+/-0.187 χ^2/NDF : 33090.9/8

Right Out: 149.948+/-0.196 χ^2/NDF : 167846.4/17

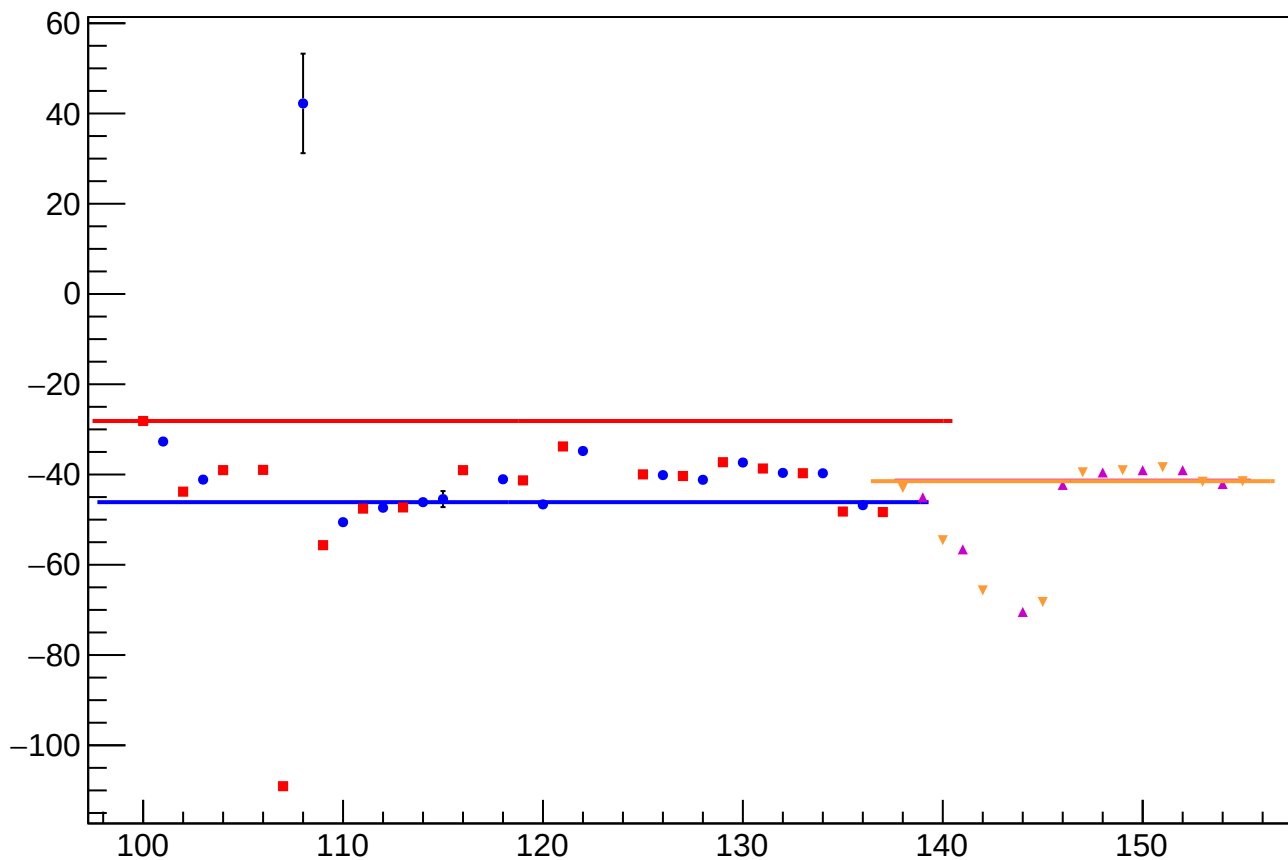
Left In: 227.722+/-0.213 χ^2/NDF : 59880.3/7

+ sign 174.085+/-0.000 χ^2/NDF : 146460.6/24

All: 174.085+/-0.000 χ^2/NDF : 452788.9/50

- sign 185.503+/-0.144 χ^2/NDF : 300047.2/25

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 $\chi^2/\text{NDF}: 201273.7/15$

Left Out: -41.475 ± 0.009 $\chi^2/\text{NDF}: 84092.6/8$

Right Out: -28.139 ± 0.000 $\chi^2/\text{NDF}: 746939.9/17$

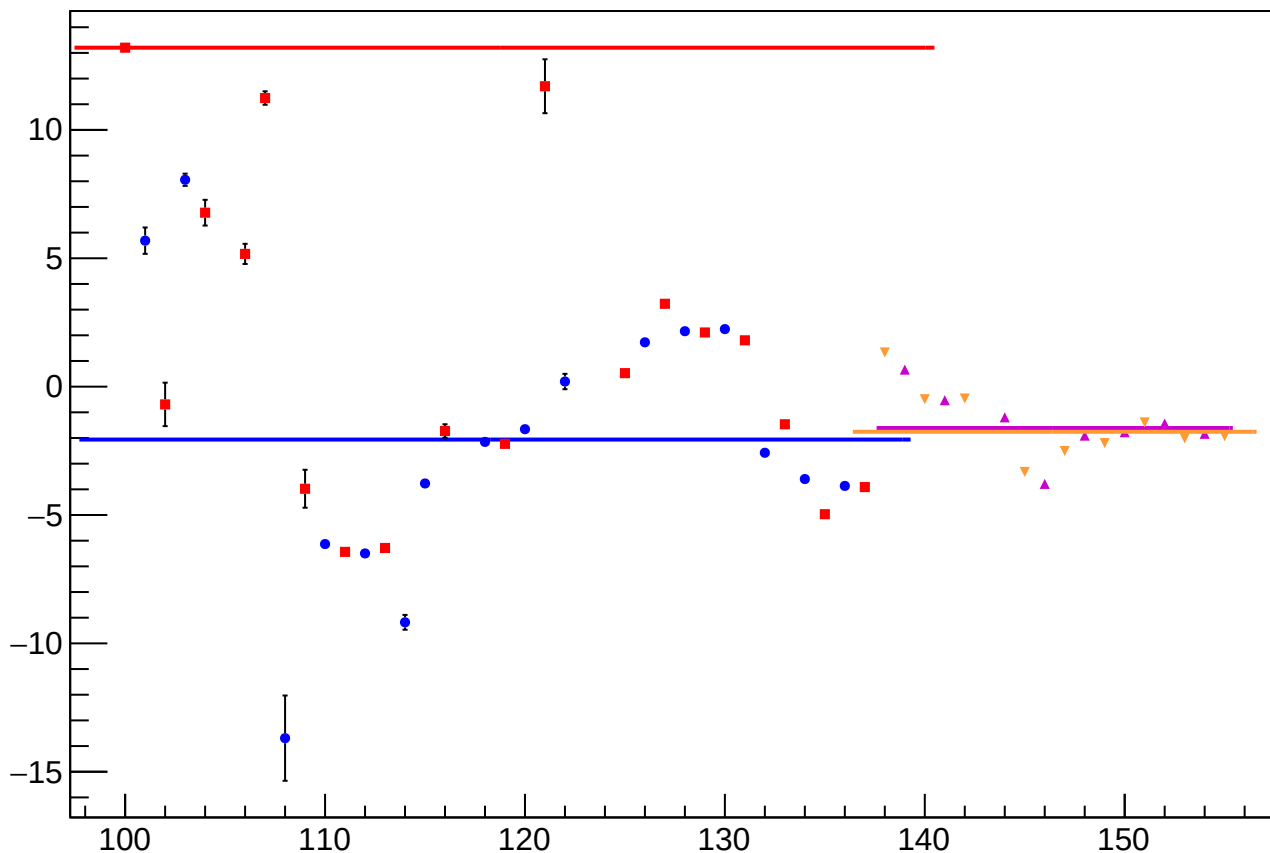
Left In: -41.365 ± 0.012 $\chi^2/\text{NDF}: 154598.6/7$

+ sign -46.126 ± 0.000 $\chi^2/\text{NDF}: 545604.1/24$

All: -39.778 ± 0.000 $\chi^2/\text{NDF}: 248795993231$

- sign -28.139 ± 0.000 $\chi^2/\text{NDF}: 2062418.0/25$

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 $\chi^2/\text{NDF}: 25665.1/15$

Left Out: -1.757 ± 0.011 $\chi^2/\text{NDF}: 7328.5/8$

Right Out: 13.204 ± 0.000 $\chi^2/\text{NDF}: 509721.0/17$

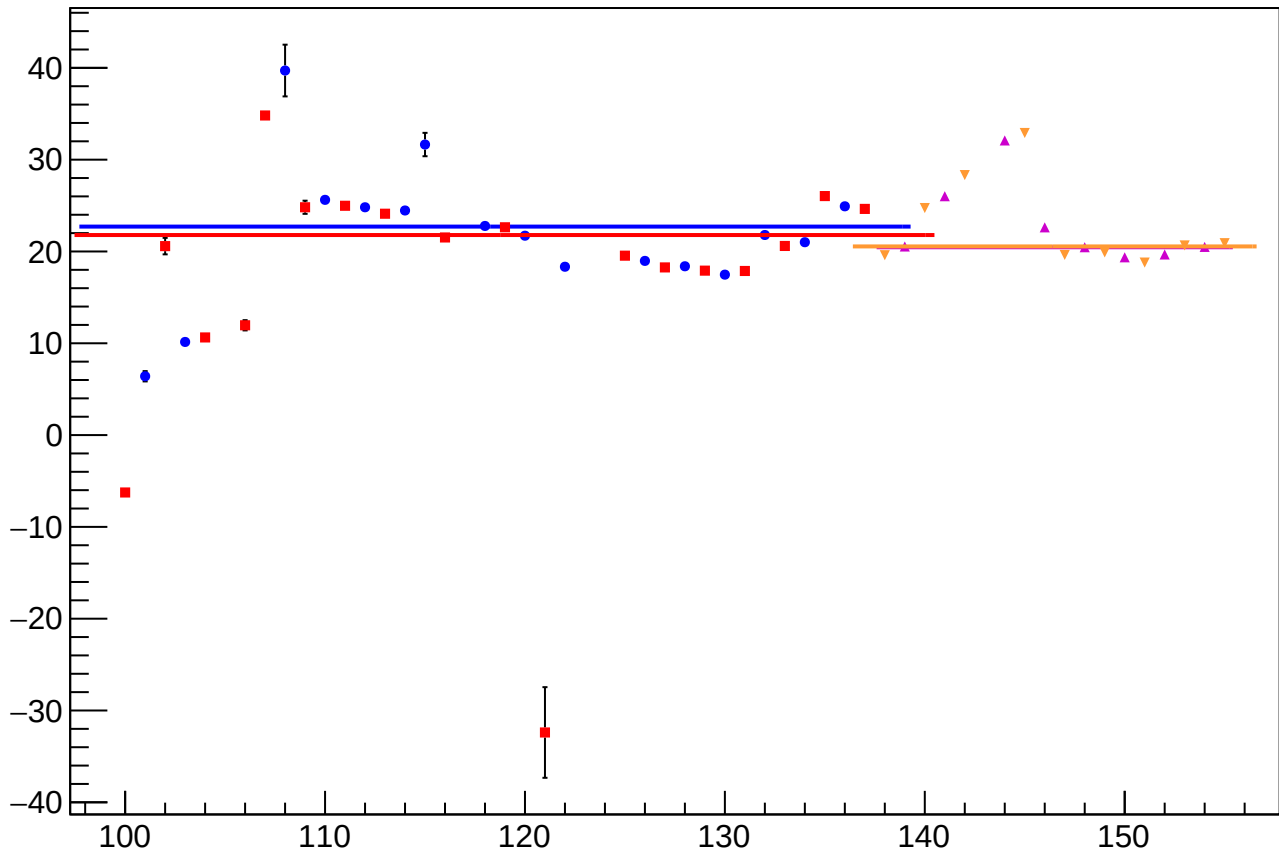
Left In: -1.612 ± 0.008 $\chi^2/\text{NDF}: 6486.3/7$

+ sign -1.838 ± 0.009 $\chi^2/\text{NDF}: 33206.8/24$

All: 13.204 ± 0.000 $\chi^2/\text{NDF}: 6290233.1/50$

- sign 13.204 ± 0.000 $\chi^2/\text{NDF}: 3596788.3/25$

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 20.550 $\pm$ 0.012 χ^2 /NDF: 14540.6/8

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

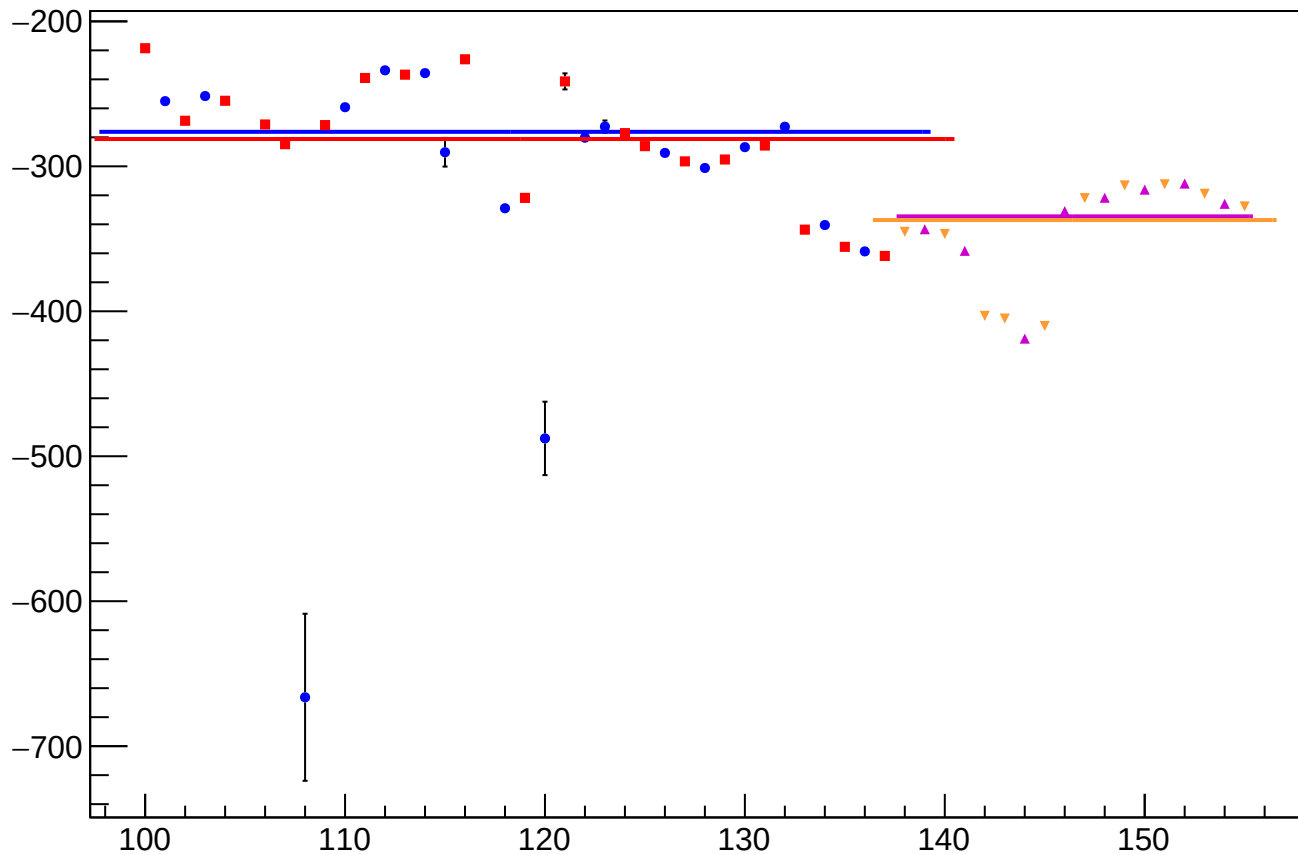
Left In: 20.459 $\pm$ 0.011 χ^2 /NDF: 26569.8/7

+ sign 21.213 $\pm$ 0.010 χ^2 /NDF: 46509.7/24

All: 20.967 $\pm$ 0.007 χ^2 /NDF: 103838.6/50

- sign 20.742 $\pm$ 0.010 χ^2 /NDF: 56254.2/25

dit_usr_4aX_slope vs Slug



Right In: -276.201 ± 0.167 χ^2/NDF : 58107.7/16

Left Out: -337.055 ± 0.187 χ^2/NDF : 24262.0/9

Right Out: -281.150 ± 0.148 χ^2/NDF : 77611.5/18

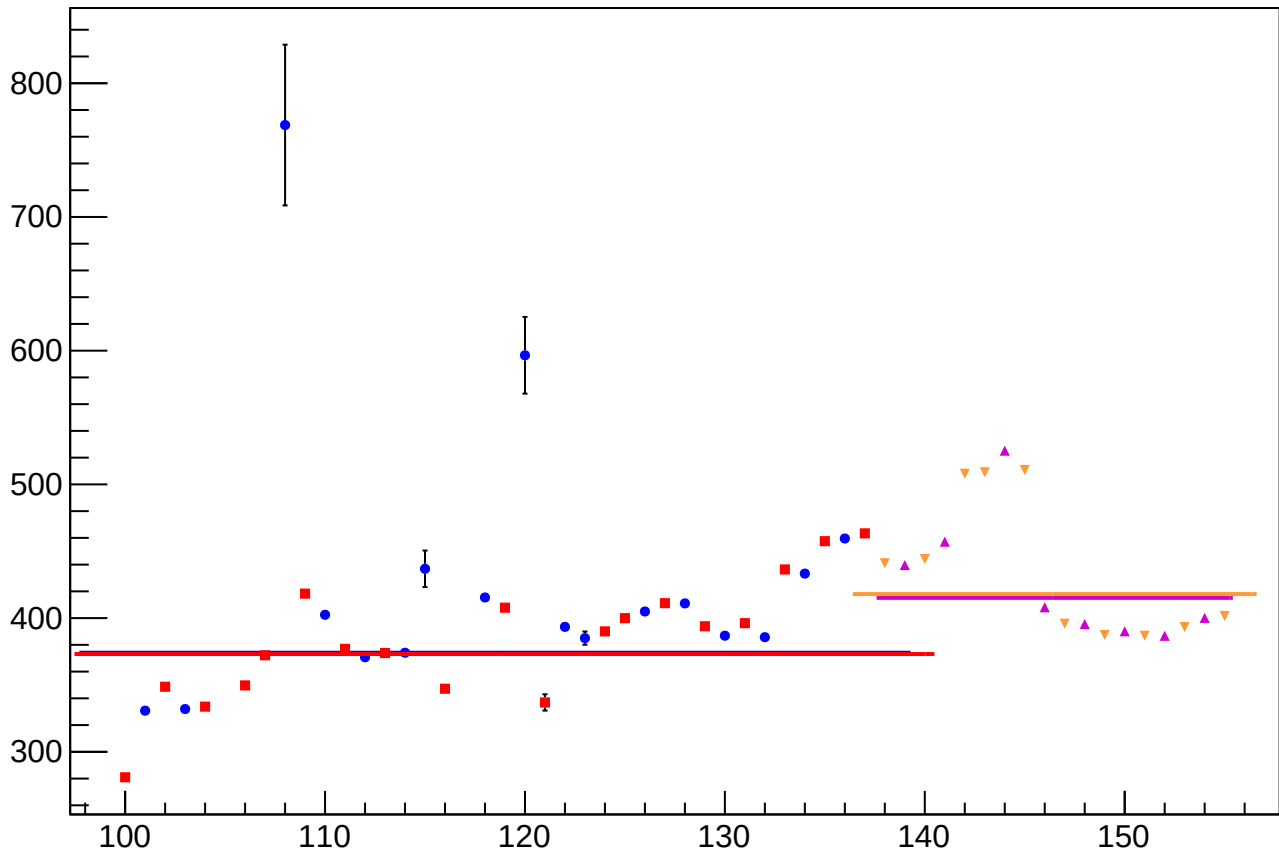
Left In: -334.530 ± 0.145 χ^2/NDF : 31212.3/7

+ sign -303.179 ± 0.124 χ^2/NDF : 141541.2/26

All: -306.221 ± 0.079 χ^2/NDF : 318010.7/53

- sign -308.327 ± 0.103 χ^2/NDF : 175455.3/26

dit_usr_4eX_slope vs Slug



Right In: 374.094+/-0.000 χ^2/NDF : 35072.0/16

Left Out: 417.964+/-0.188 χ^2/NDF : 44155.8/9

Right Out: 373.134+/-0.158 χ^2/NDF : 108219.4/18

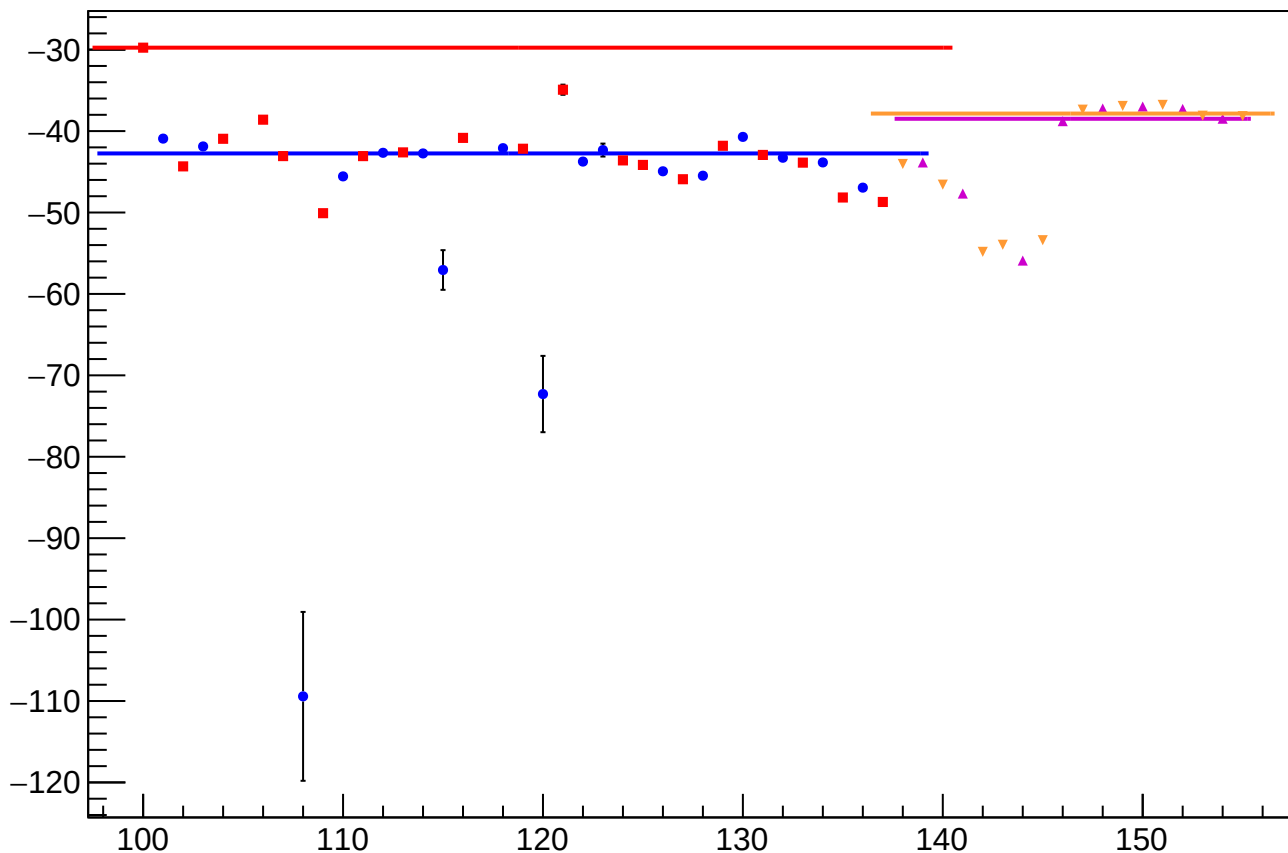
Left In: 415.152+/-0.147 χ^2/NDF : 53956.4/7

+ sign 374.094+/-0.000 χ^2/NDF : 133689.5/26

All: 374.094+/-0.000 χ^2/NDF : 373657.2/53

- sign 395.615+/-0.108 χ^2/NDF : 200039.2/26

dit_usr_11X12X_slope vs Slug



Right In: -42.744 ± 0.000 $\chi^2/\text{NDF}: 13262.6/16$

Left Out: -37.847 ± 0.005 $\chi^2/\text{NDF}: 249342.7/9$

Right Out: -29.754 ± 0.000 $\chi^2/\text{NDF}: 483930.3/18$

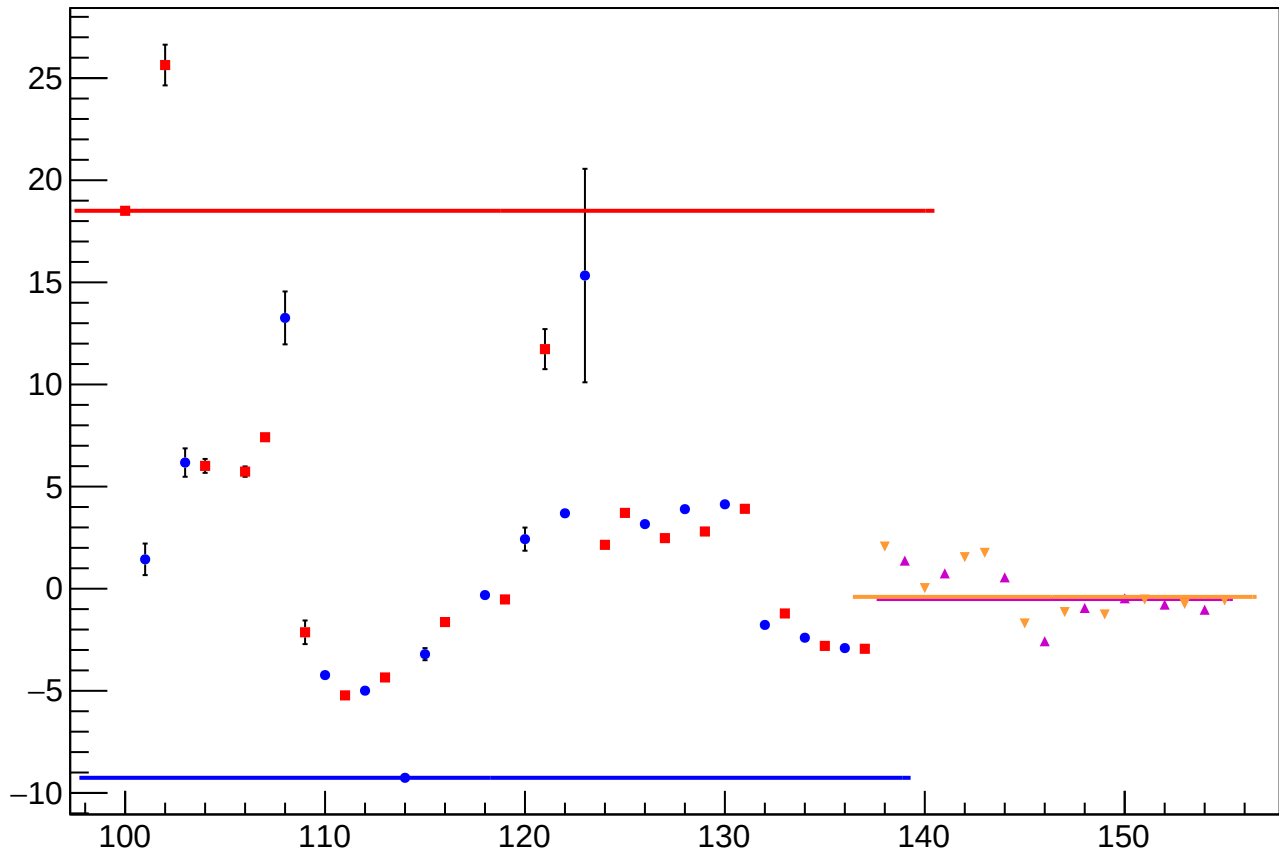
Left In: -38.489 ± 0.007 $\chi^2/\text{NDF}: 137455.6/7$

+ sign -42.744 ± 0.000 $\chi^2/\text{NDF}: 1067731.5/26$

All: -38.159 ± 0.000 $\chi^2/\text{NDF}: 129765212680$

- sign -29.754 ± 0.000 $\chi^2/\text{NDF}: 2173699.7/26$

dit_usr_4aY_slope vs Slug



Right In: -9.259+/-0.000 χ^2/NDF : 405850.5/16

Left Out: -0.400+/-0.010 χ^2/NDF : 11124.6/9

Right Out: 18.504+/-0.000 χ^2/NDF : 7366781.0/18

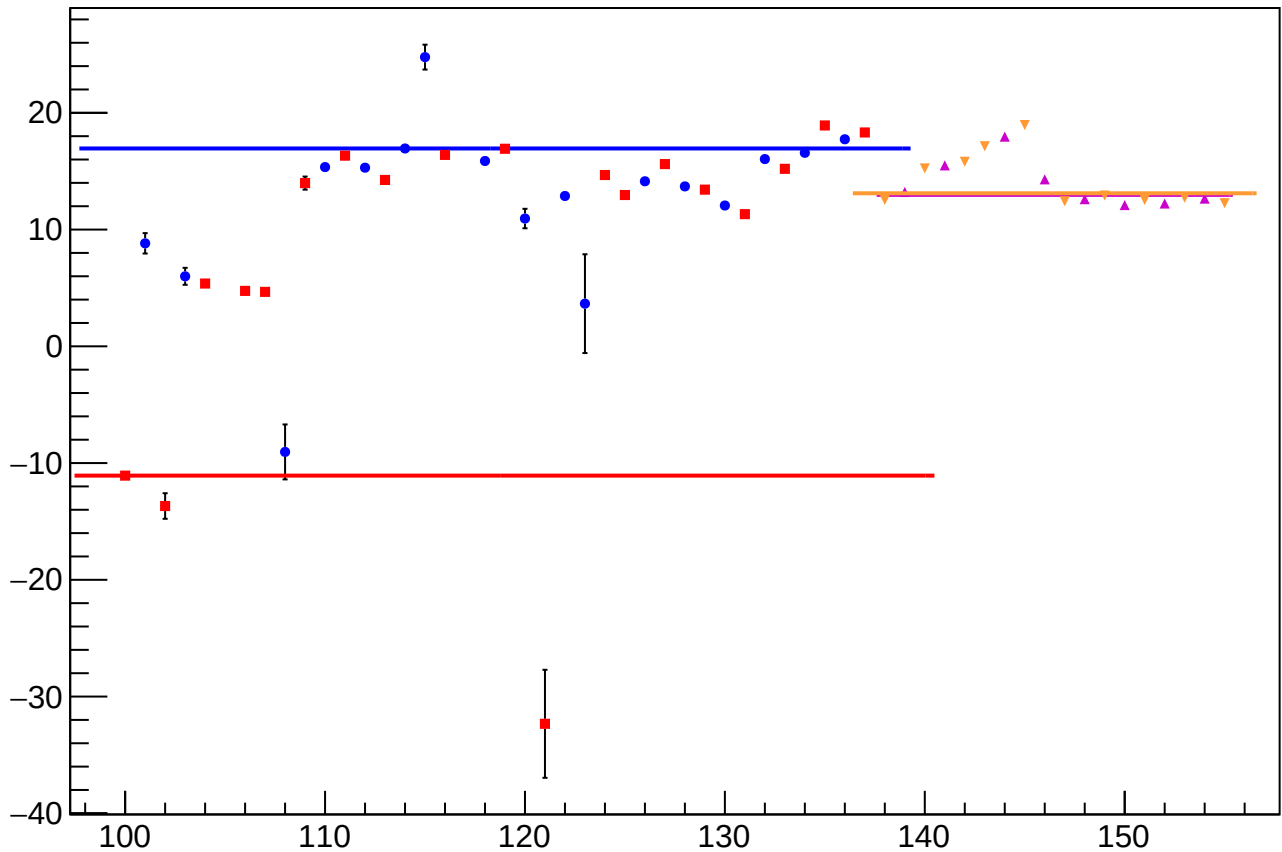
Left In: -0.505+/-0.009 χ^2/NDF : 8436.1/7

+ sign -9.259+/-0.000 χ^2/NDF : 1256297.8/26

All: 6.039+/-0.000 χ^2/NDF : 1645057450595

- sign 18.504+/-0.000 χ^2/NDF : 11410806.9/26

dit_usr_4eY_slope vs Slug



Right In: 16.947 ± 0.000 χ^2/NDF : 11231.8/16

Left Out: 13.108 ± 0.011 χ^2/NDF : 13618.7/9

Right Out: -11.075 ± 0.000 χ^2/NDF : 2712010.0/18

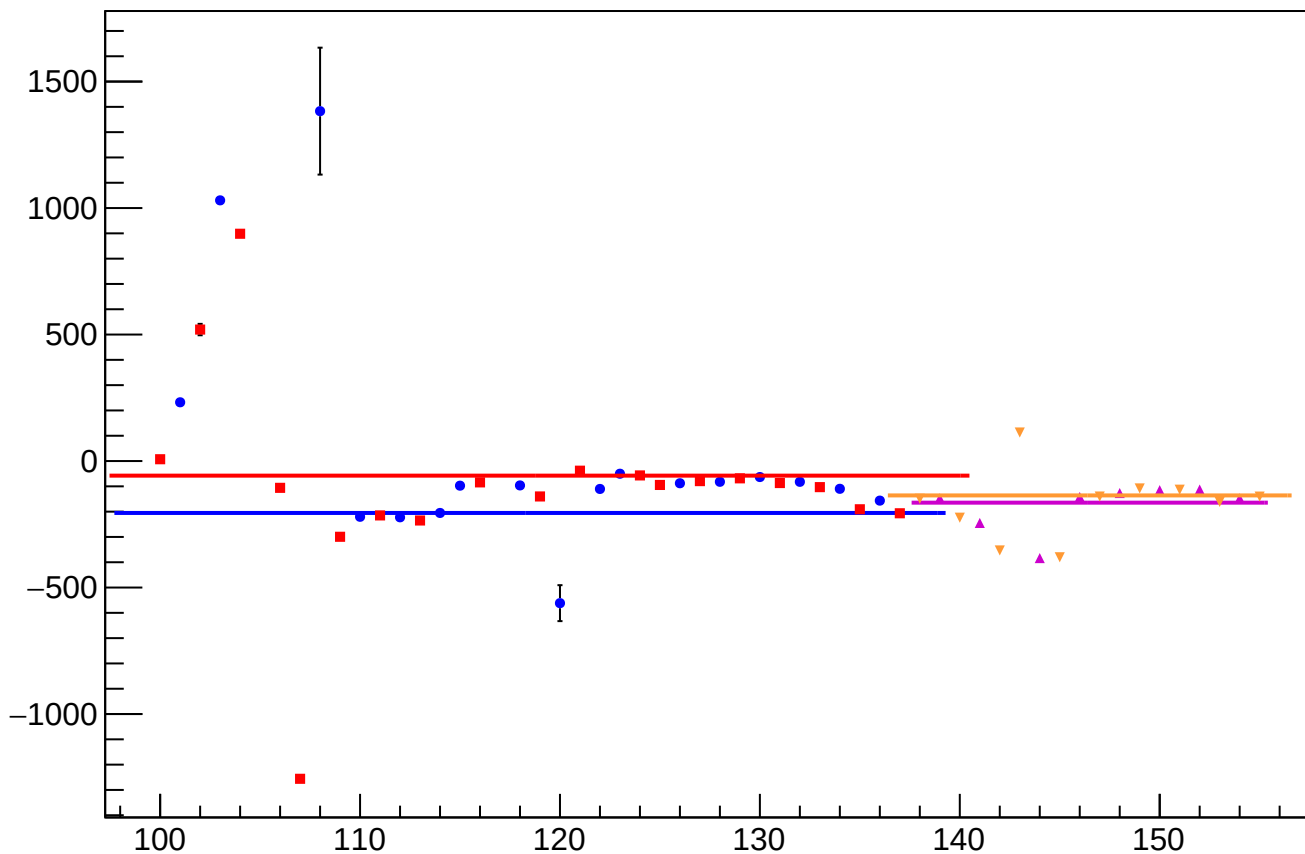
Left In: 12.972 ± 0.013 χ^2/NDF : 9535.2/7

+ sign 16.947 ± 0.000 χ^2/NDF : 150172.2/26

All: -2.268 ± 0.000 χ^2/NDF : 4692527454635

- sign -11.075 ± 0.000 χ^2/NDF : 6223782.8/26

dit_atl1_4aX_slope vs Slug



Right In: -205.160 ± 0.000 $\chi^2/\text{NDF}: 582775.6/16$

Left Out: -135.858 ± 0.327 $\chi^2/\text{NDF}: 43101.5/9$

Right Out: -57.684 ± 0.283 $\chi^2/\text{NDF}: 114854.9/18$

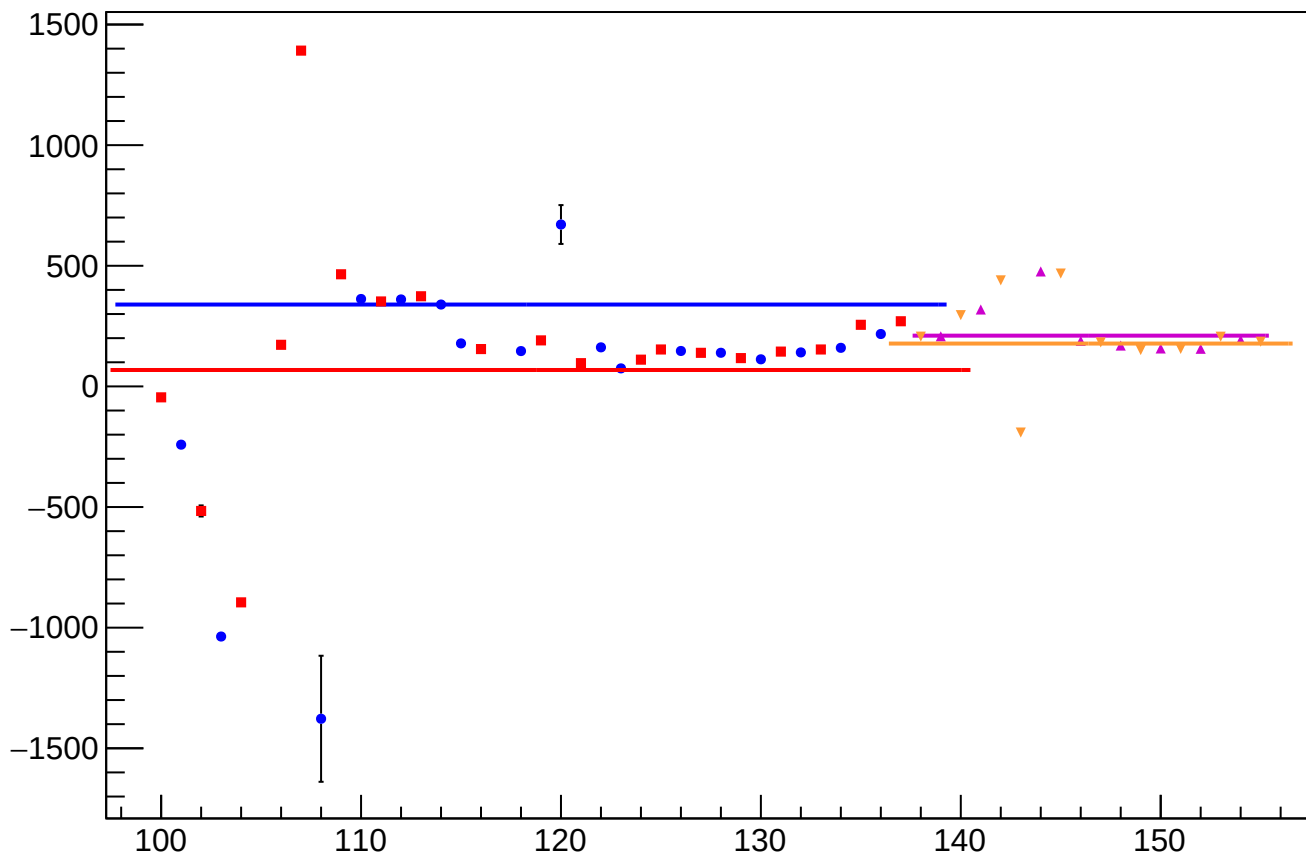
Left In: -164.512 ± 0.390 $\chi^2/\text{NDF}: 37666.8/7$

+ sign -205.160 ± 0.000 $\chi^2/\text{NDF}: 670830.0/26$

All: -205.160 ± 0.000 $\chi^2/\text{NDF}: 1105129.8/53$

- sign -94.644 ± 0.229 $\chi^2/\text{NDF}: 201698.9/26$

dit_atl1_4eX_slope vs Slug



Right In: 339.325 ± 0.000 χ^2/NDF : 1030606.3/16

Left Out: 177.589 ± 0.327 χ^2/NDF : 78937.6/9

Right Out: 68.024 ± 0.286 χ^2/NDF : 272330.9/18

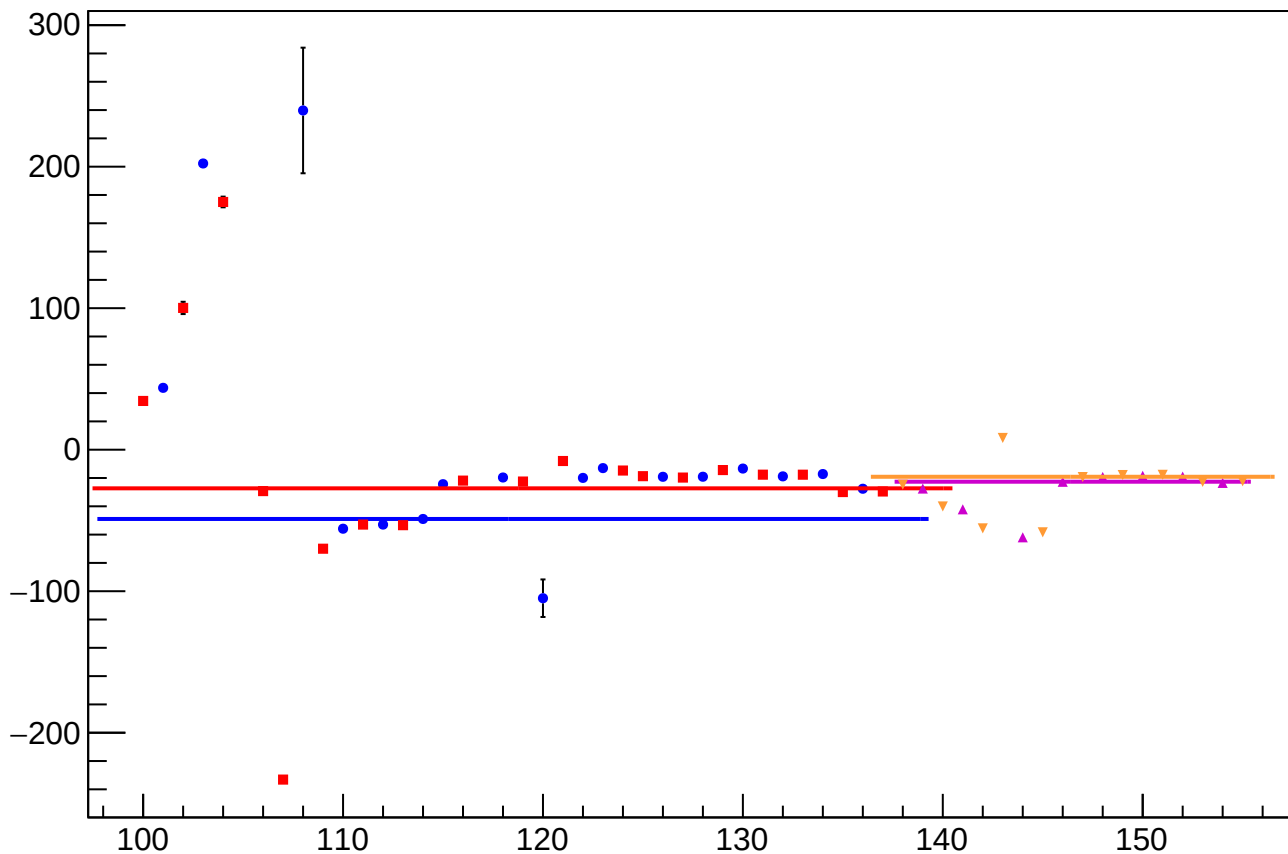
Left In: 210.383 ± 0.396 χ^2/NDF : 44163.9/7

+ sign 339.325 ± 0.000 χ^2/NDF : 1353738.3/26

All: 339.325 ± 0.000 χ^2/NDF : 2675394.7/53

- sign 116.779 ± 0.232 χ^2/NDF : 401301.5/26

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 χ^2/NDF : 5408370.4/16

Left Out: -19.128 ± 0.014 χ^2/NDF : 561687.7/9

Right Out: -27.303 ± 0.052 χ^2/NDF : 167879.9/18

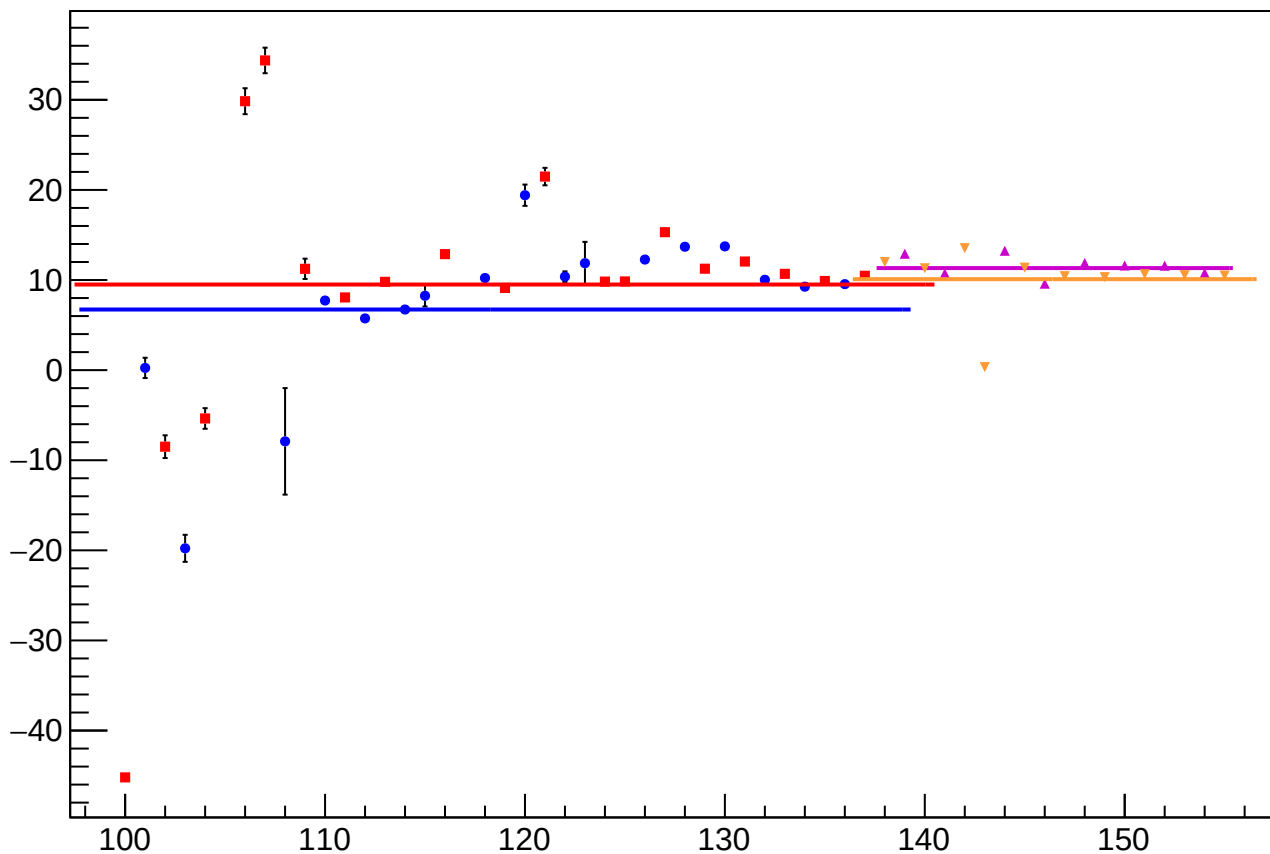
Left In: -22.621 ± 0.023 χ^2/NDF : 118875.4/7

+ sign -48.945 ± 0.000 χ^2/NDF : 10495467.4/26

All: -48.945 ± 0.000 χ^2/NDF : 12290811.6/53

- sign -23.383 ± 0.021 χ^2/NDF : 293622.5/26

dit_atl1_4aY_slope vs Slug



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 10.097 $\pm$ 0.022 χ^2 /NDF: 20824.1/9

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

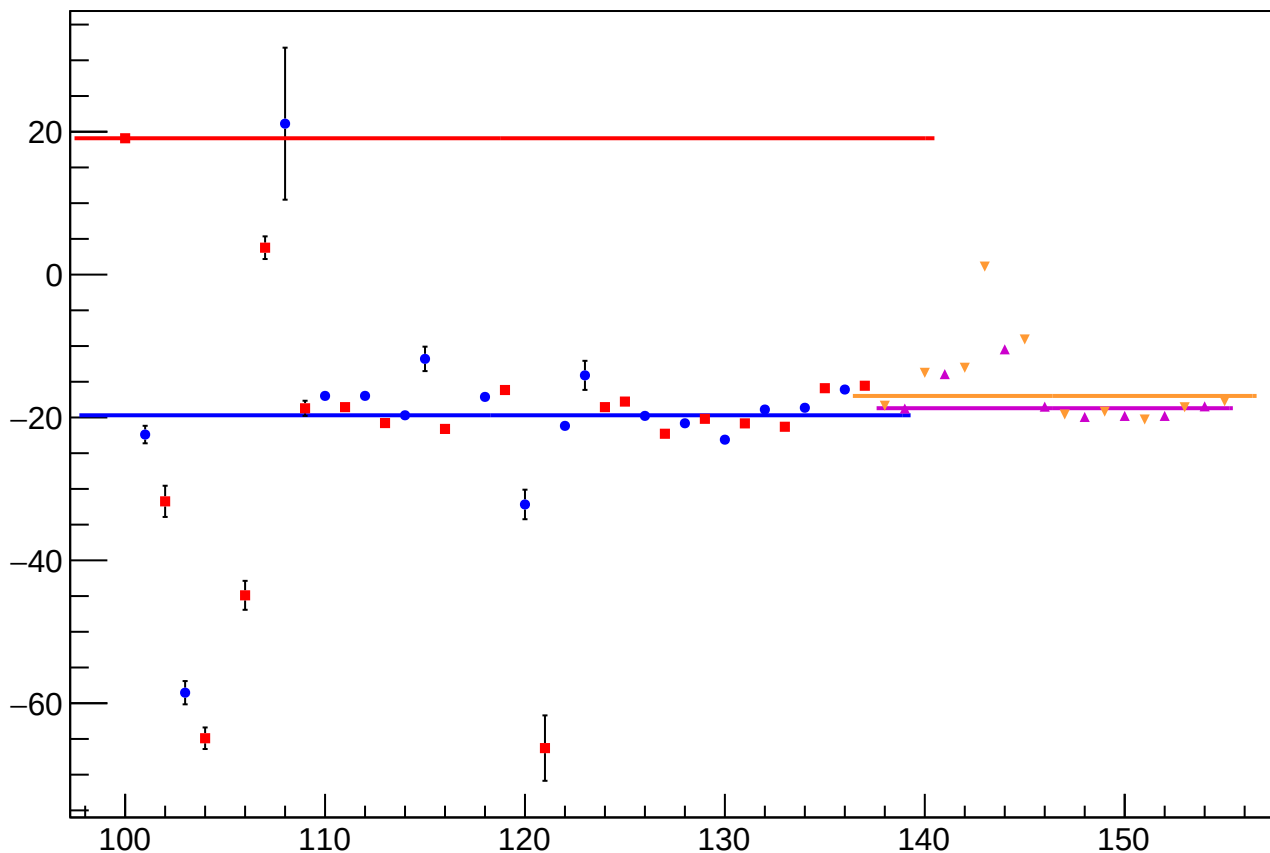
Left In: 11.327 $\pm$ 0.019 χ^2 /NDF: 2405.1/7

+ sign 6.728 $\pm$ 0.000 χ^2 /NDF: 58235.6/26

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 151915.7/53

- sign 10.922 $\pm$ 0.017 χ^2 /NDF: 31270.3/26

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -16.985 ± 0.024 χ^2/NDF : 35909.0/9

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

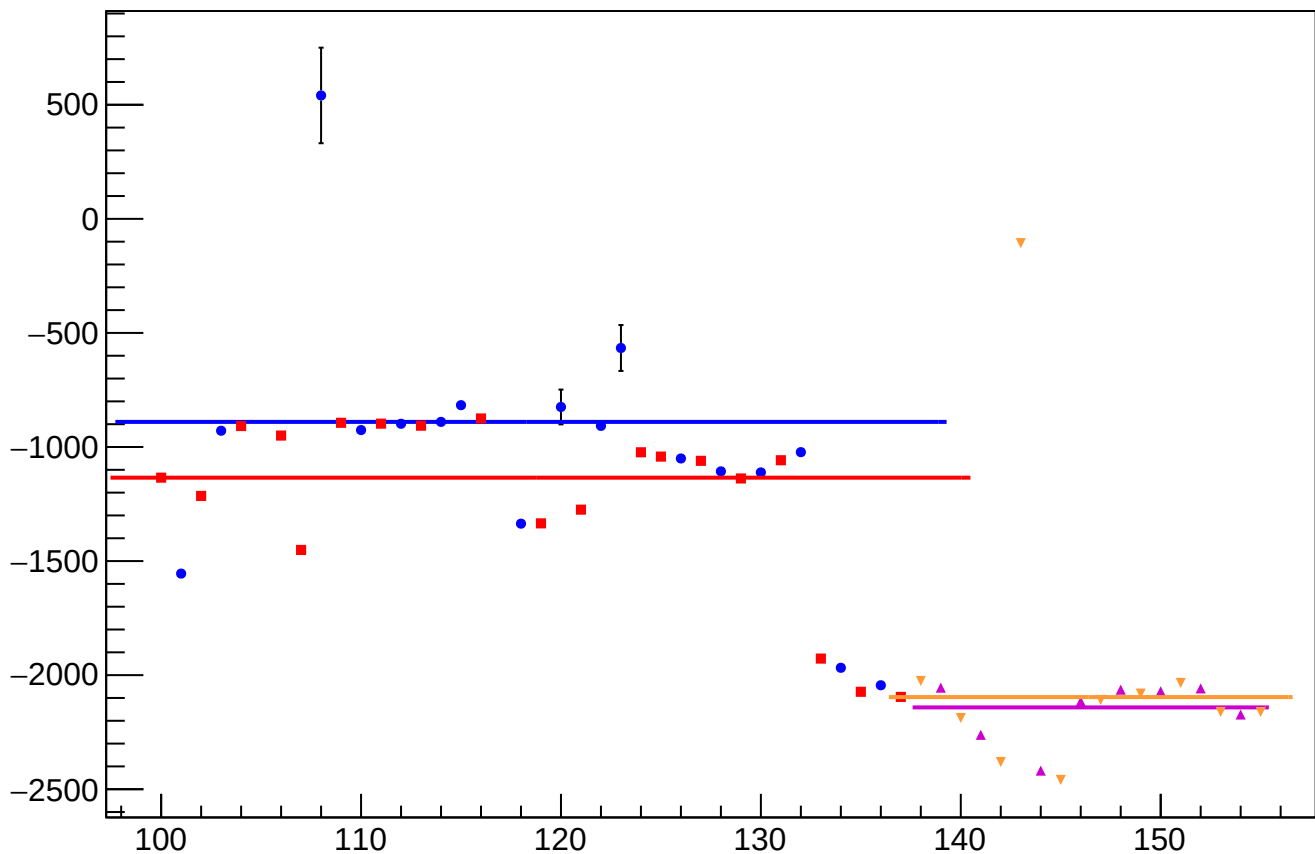
Left In: -18.702 ± 0.025 χ^2/NDF : 5412.3/7

+ sign -19.693 ± 0.000 χ^2/NDF : 55989.7/26

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- sign 19.086 ± 0.000 χ^2/NDF : 2872562.5/26

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2096.098+/-0.556 χ^2/NDF : 264296.8/9

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

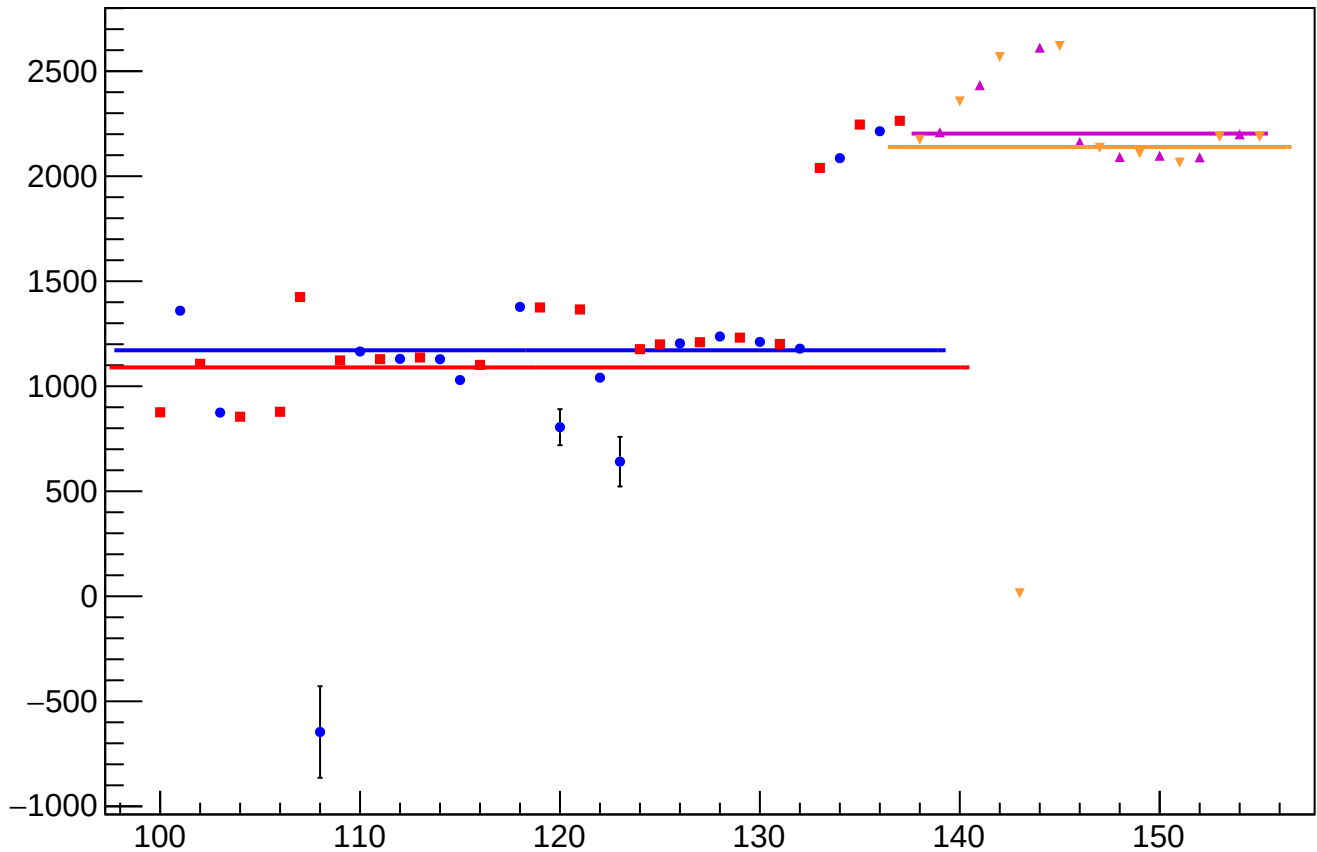
Left In: -2141.374+/-0.635 χ^2/NDF : 31457.1/7

+ sign -889.928+/-0.000 χ^2/NDF : 5738422.6/26

All: -976.220+/-0.000 χ^2/NDF : 44889787387

- sign -1134.421+/-0.000 χ^2/NDF : 3278538.0/26

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 $\pm$ 0.245 χ^2 /NDF: 508989.2/16

Left Out: 2139.092 $\pm$ 0.550 χ^2 /NDF: 302259.2/9

Right Out: 1089.705 $\pm$ 0.253 χ^2 /NDF: 1100321.6/18

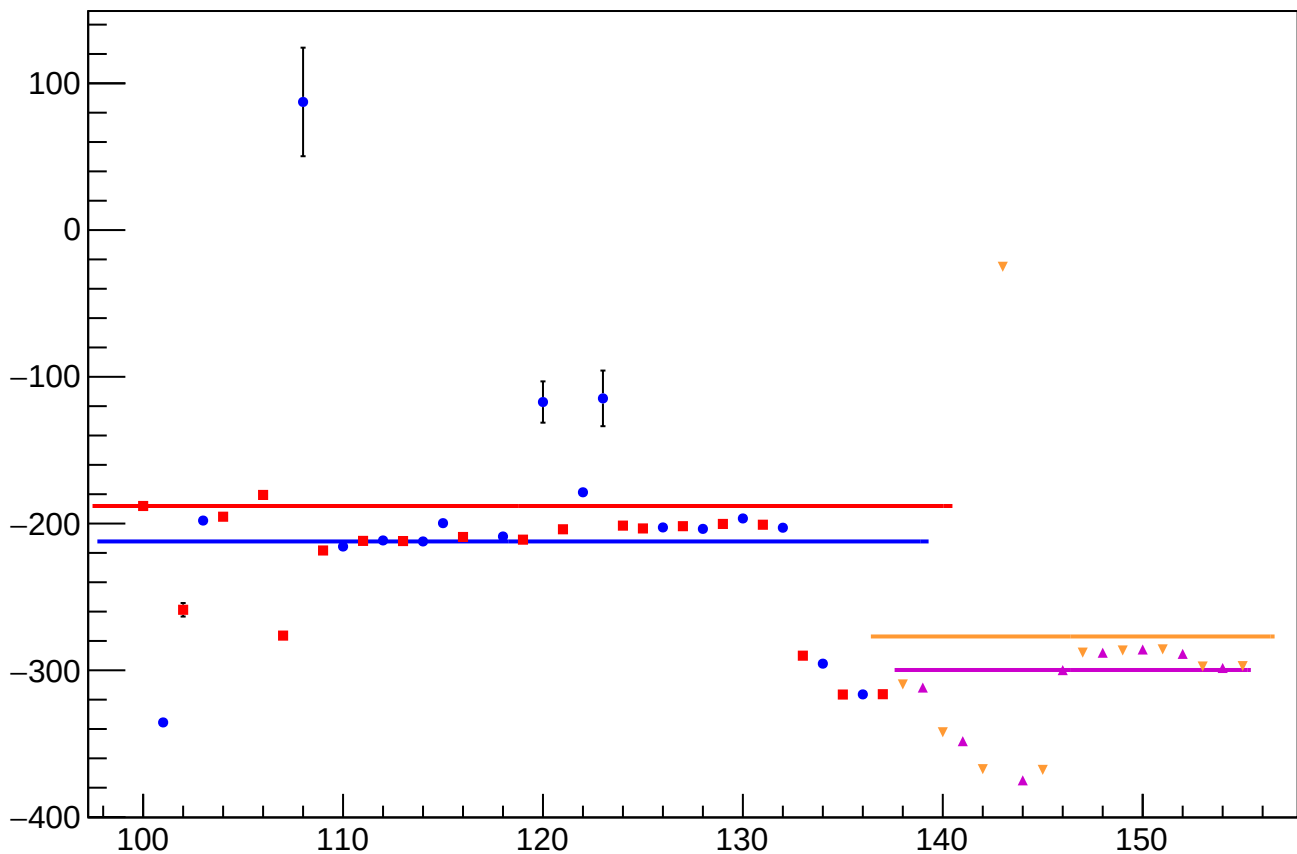
Left In: 2202.903 $\pm$ 0.650 χ^2 /NDF: 54494.7/7

+ sign 1331.764 $\pm$ 0.224 χ^2 /NDF: 3392667.5/26

All: 1286.657 $\pm$ 0.163 χ^2 /NDF: 7178254.5/53

- sign 1236.573 $\pm$ 0.236 χ^2 /NDF: 3700086.2/26

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -276.952 ± 0.030 $\chi^2/\text{NDF}: 5696258.6/9$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

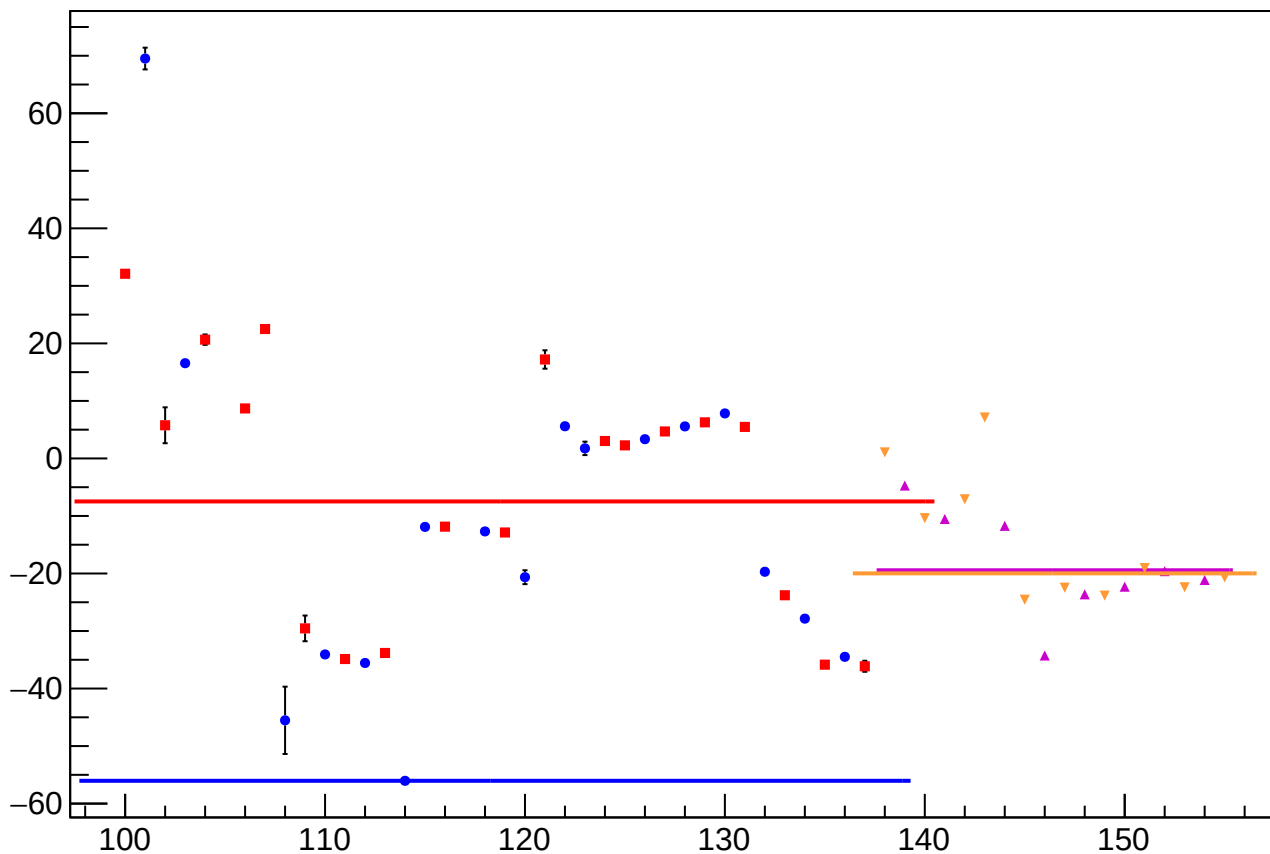
Left In: -299.789 ± 0.038 $\chi^2/\text{NDF}: 270505.8/7$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 11498249.6/26$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

- sign -188.033 ± 0.000 $\chi^2/\text{NDF}: 9416243.2/26$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 $\pm$ 0.000 χ^2 /NDF: 1585420.7/16

Left Out: -19.980 $\pm$ 0.033 χ^2 /NDF: 43926.3/9

Right Out: -7.476 $\pm$ 0.042 χ^2 /NDF: 173893.8/18

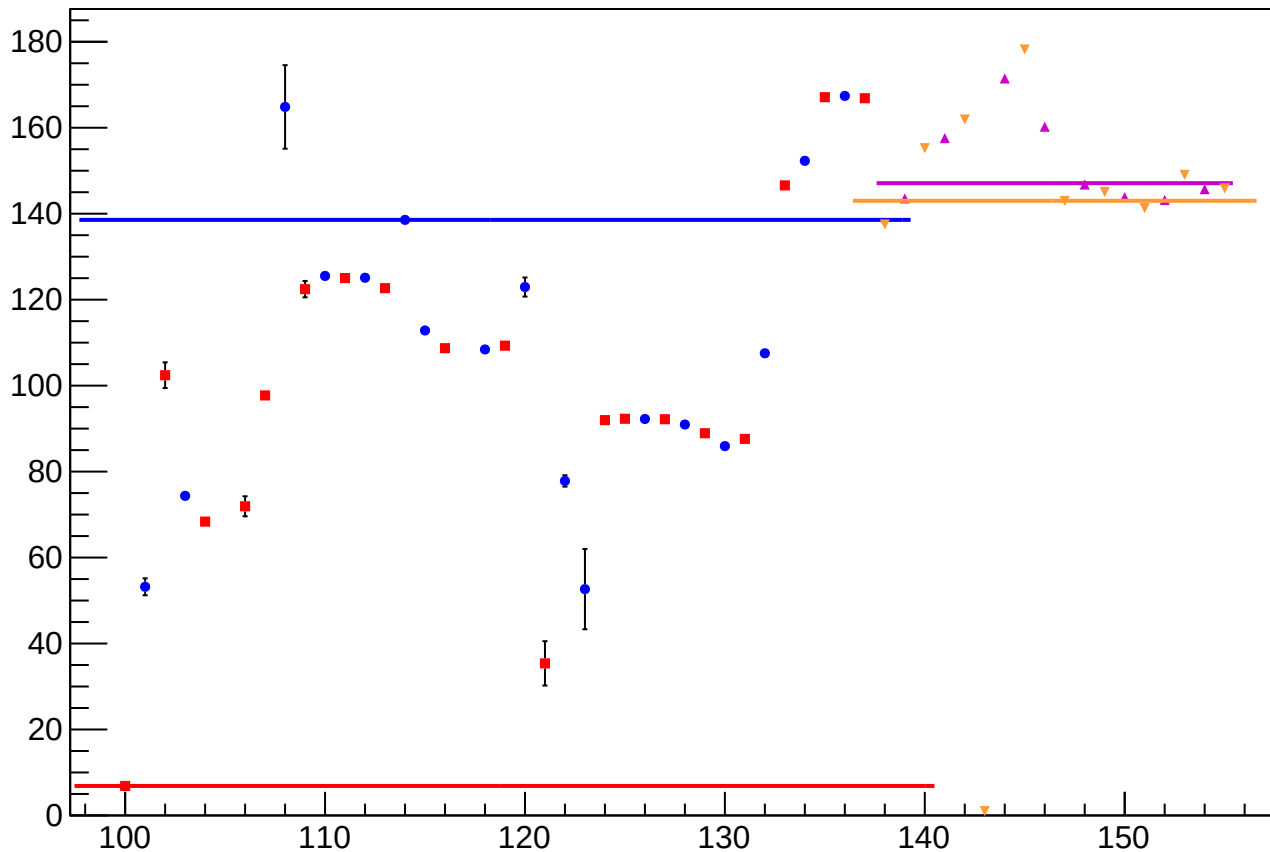
Left In: -19.441 $\pm$ 0.035 χ^2 /NDF: 25494.3/7

+ sign -56.037 $\pm$ 0.000 χ^2 /NDF: 2814305.6/26

All: -56.037 $\pm$ 0.000 χ^2 /NDF: 5436265.9/53

- sign -14.571 $\pm$ 0.027 χ^2 /NDF: 247105.8/26

dit_atl2_4eY_slope vs Slug



Right In: 138.565 ± 0.000 χ^2/NDF : 901159.7/16

Left Out: 143.009 ± 0.038 χ^2/NDF : 308611.3/9

Right Out: 6.866 ± 0.000 χ^2/NDF : 8047391.7/18

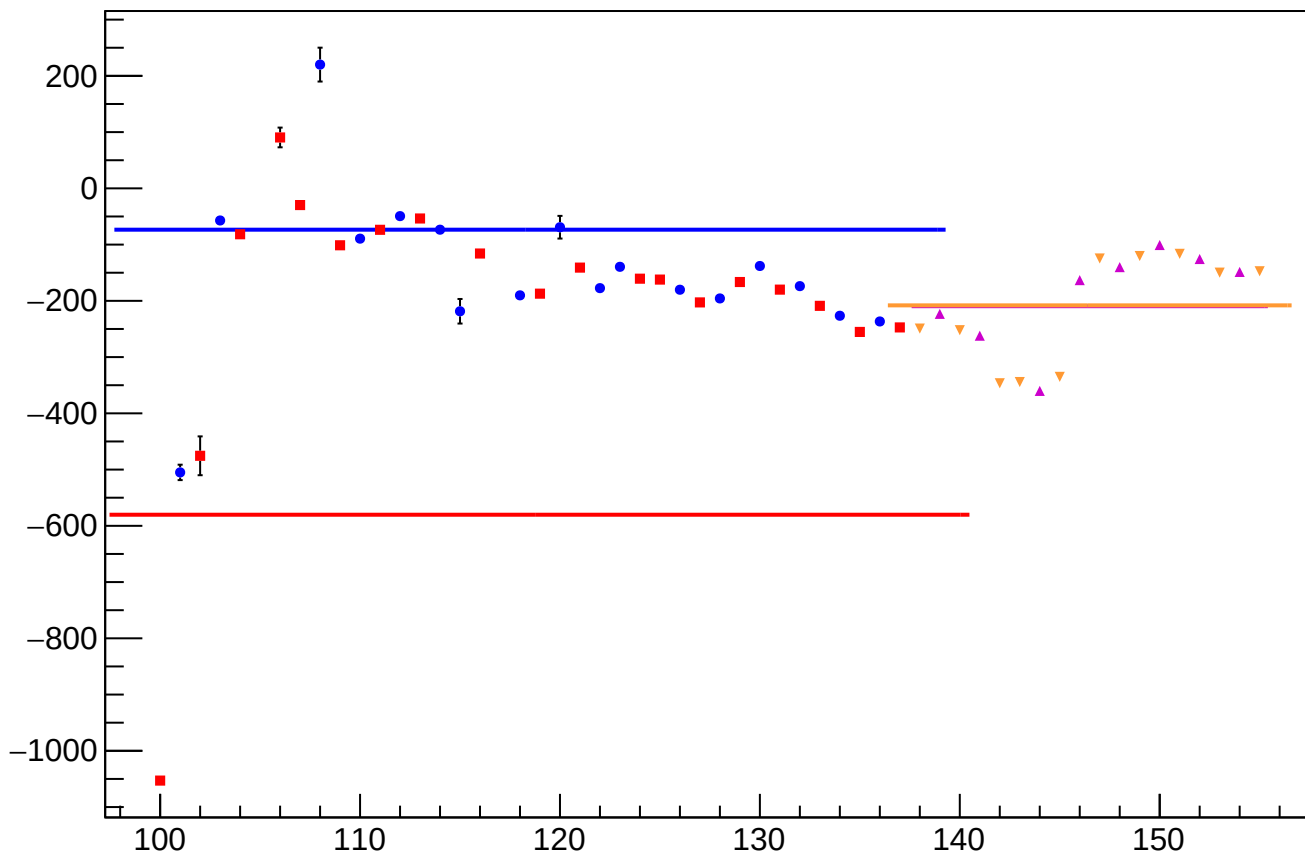
Left In: 147.107 ± 0.043 χ^2/NDF : 18170.2/7

+ sign 138.565 ± 0.000 χ^2/NDF : 1223278.5/26

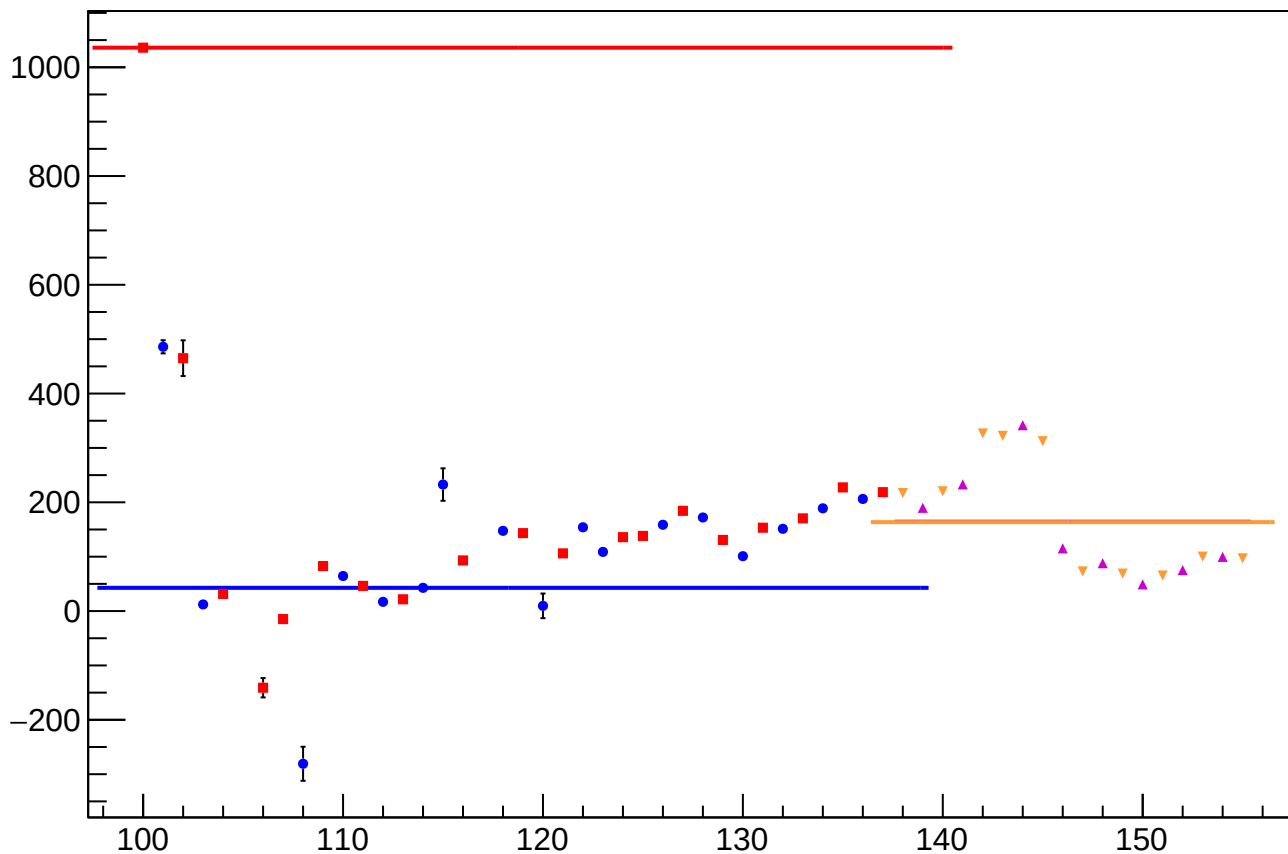
All: 7.101 ± 0.000 χ^2/NDF : 23576822681928

- sign 6.866 ± 0.000 χ^2/NDF : 18492586.6/26

dit_atr1_4aX_slope vs Slug



dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 163.505+/-0.357 χ^2/NDF : 67472.9/9

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

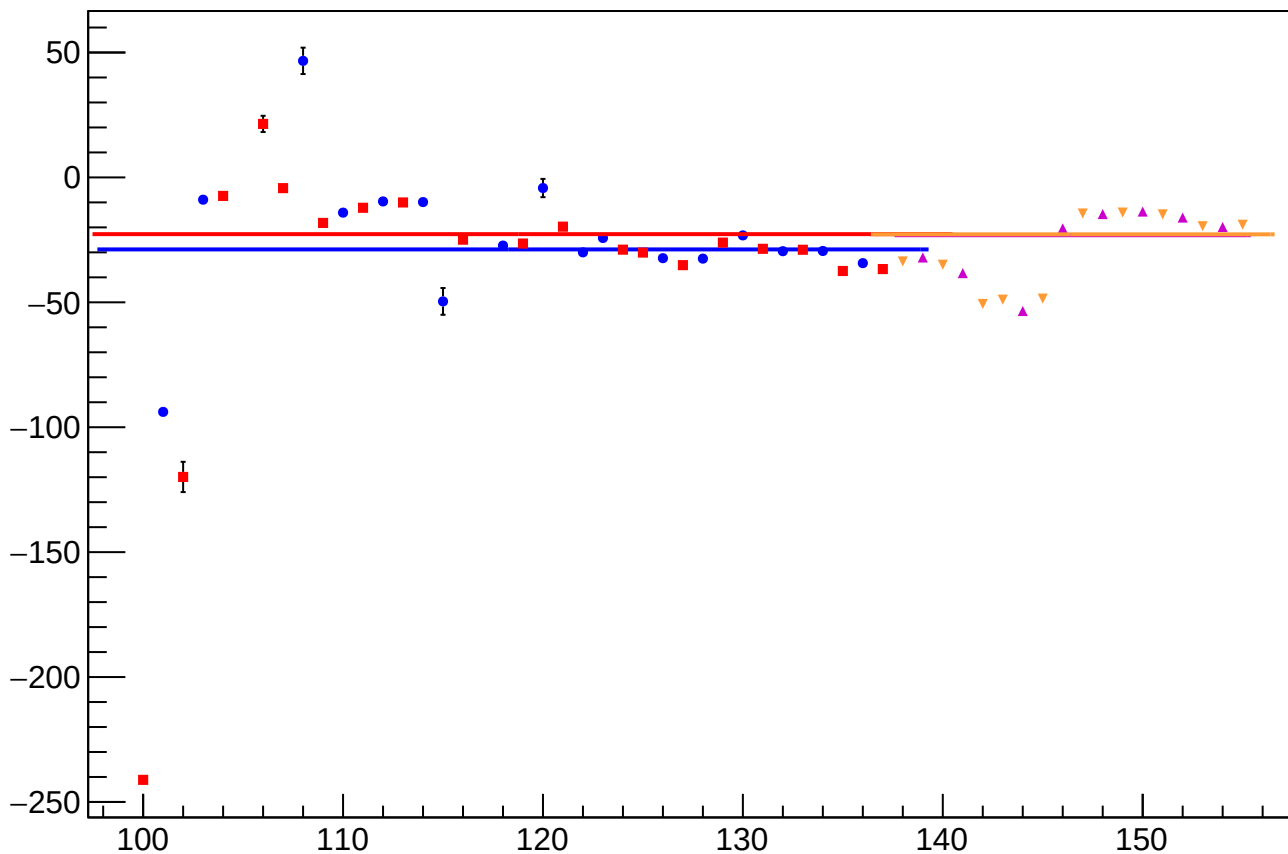
Left In: 164.391+/-0.411 χ^2/NDF : 55097.3/7

+ sign 42.743+/-0.000 χ^2/NDF : 266364.6/26

All: 43.272+/-0.000 χ^2/NDF : 1144517497260

- sign 1036.068+/-0.000 χ^2/NDF : 9478707.0/26

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -22.790 ± 0.018 χ^2/NDF : 308715.9/9

Right Out: -22.707 ± 0.038 χ^2/NDF : 410174.9/18

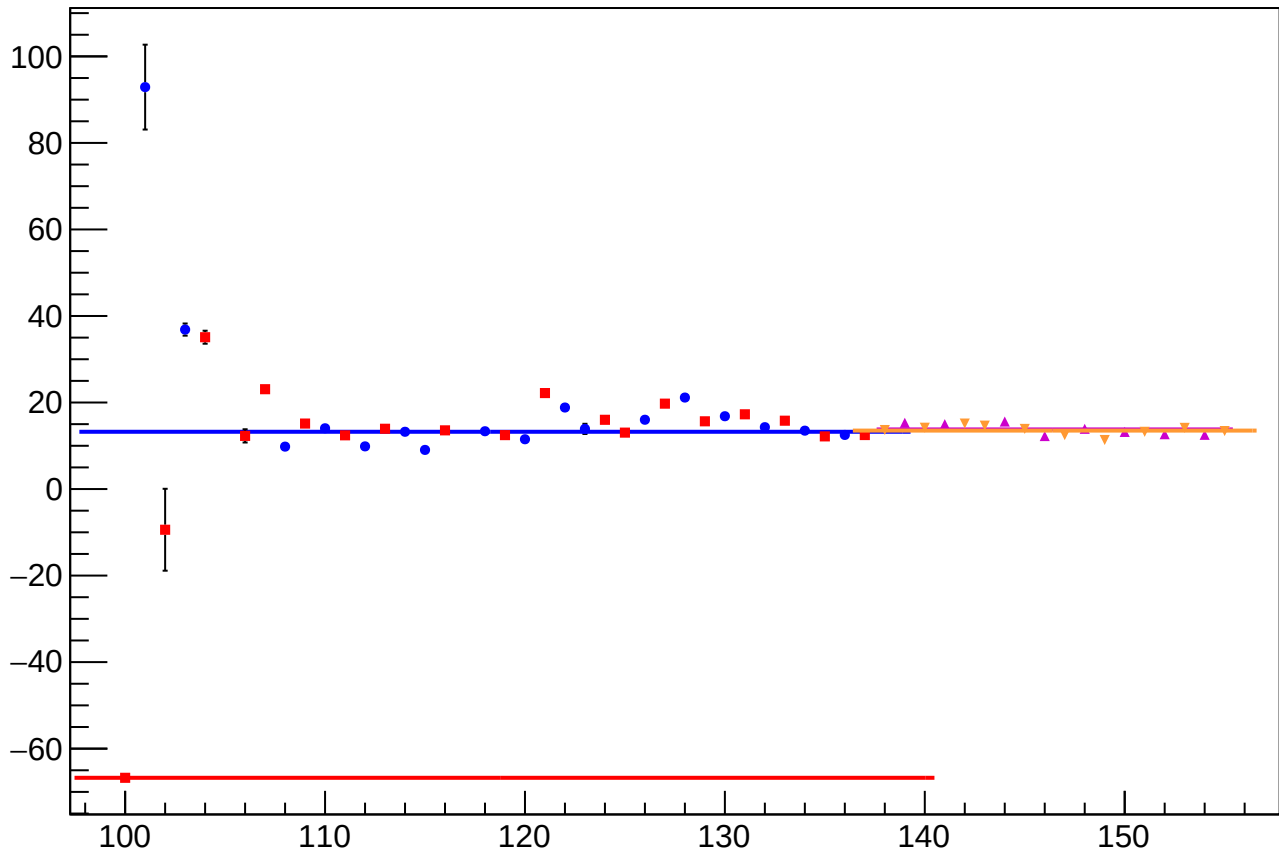
Left In: -23.137 ± 0.025 χ^2/NDF : 162396.9/7

+ sign -24.045 ± 0.016 χ^2/NDF : 382101.3/26

All: -23.665 ± 0.013 χ^2/NDF : 956328.1/53

- sign -23.008 ± 0.021 χ^2/NDF : 572661.2/26

dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 5756.1/16

Left Out: 13.512 $\pm$ 0.019 χ^2 /NDF: 2538.1/9

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3023648.4/18

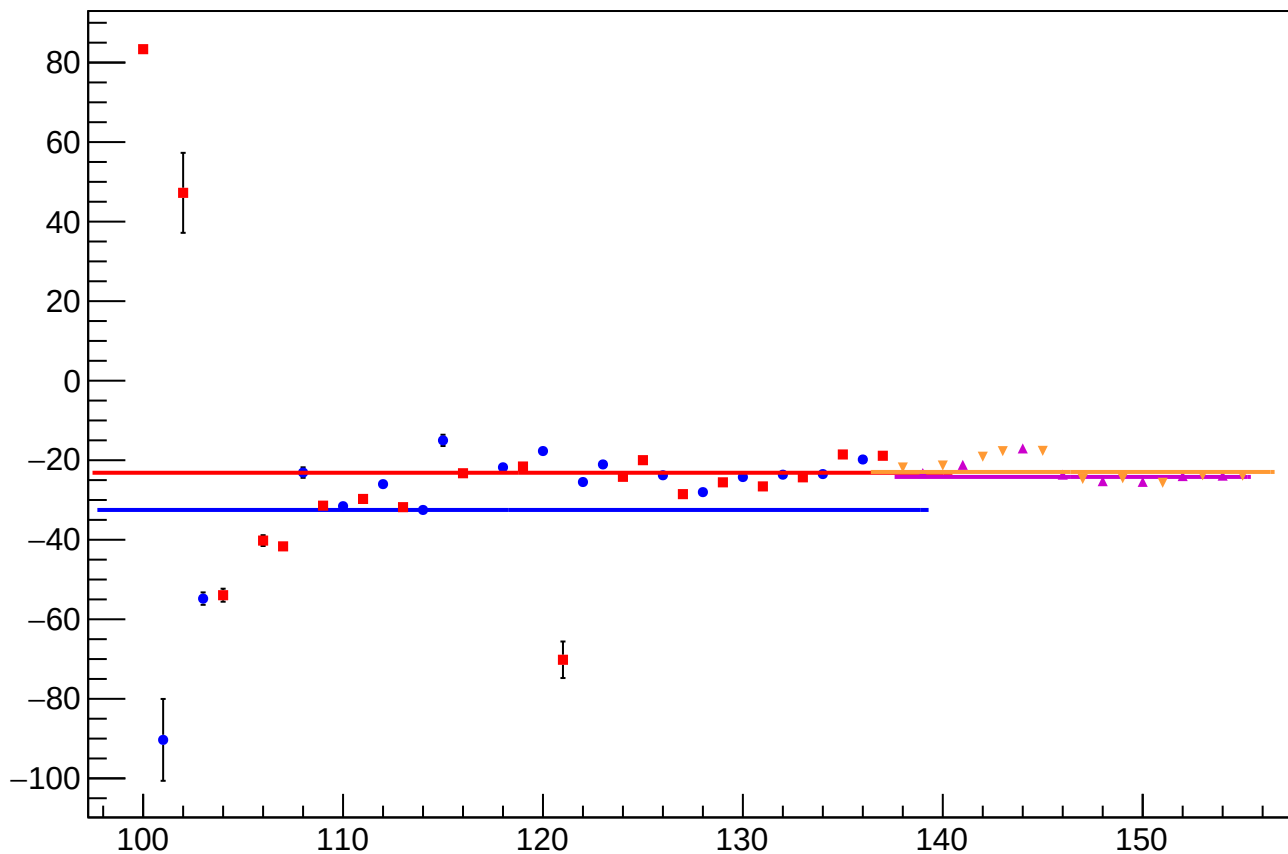
Left In: 13.782 $\pm$ 0.022 χ^2 /NDF: 3087.1/7

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 8496.5/26

All: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651

- sign -66.739 $\pm$ 0.000 χ^2 /NDF: 16342518.0/26

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -22.950 ± 0.025 χ^2/NDF : 11145.3/9

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

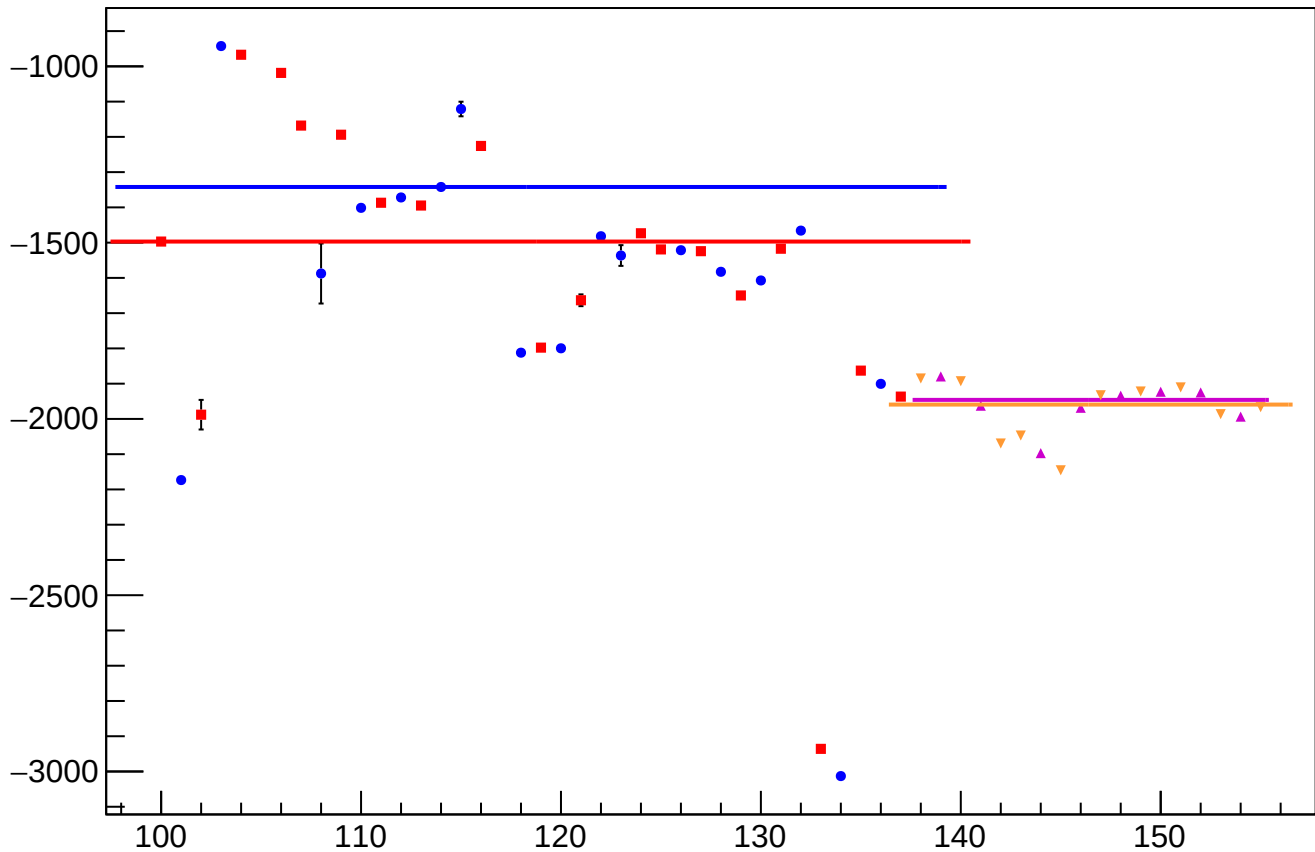
Left In: -24.200 ± 0.025 χ^2/NDF : 5292.9/7

+ sign -32.504 ± 0.000 χ^2/NDF : 233383.5/26

All: -32.504 ± 0.000 χ^2/NDF : 479355.8/53

- sign -23.975 ± 0.022 χ^2/NDF : 96423.1/26

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 ± 0.000 χ^2/NDF : 370901.4/16

Left Out: -1959.307 ± 0.501 χ^2/NDF : 14125.2/9

Right Out: -1496.932 ± 0.000 χ^2/NDF : 504712.5/18

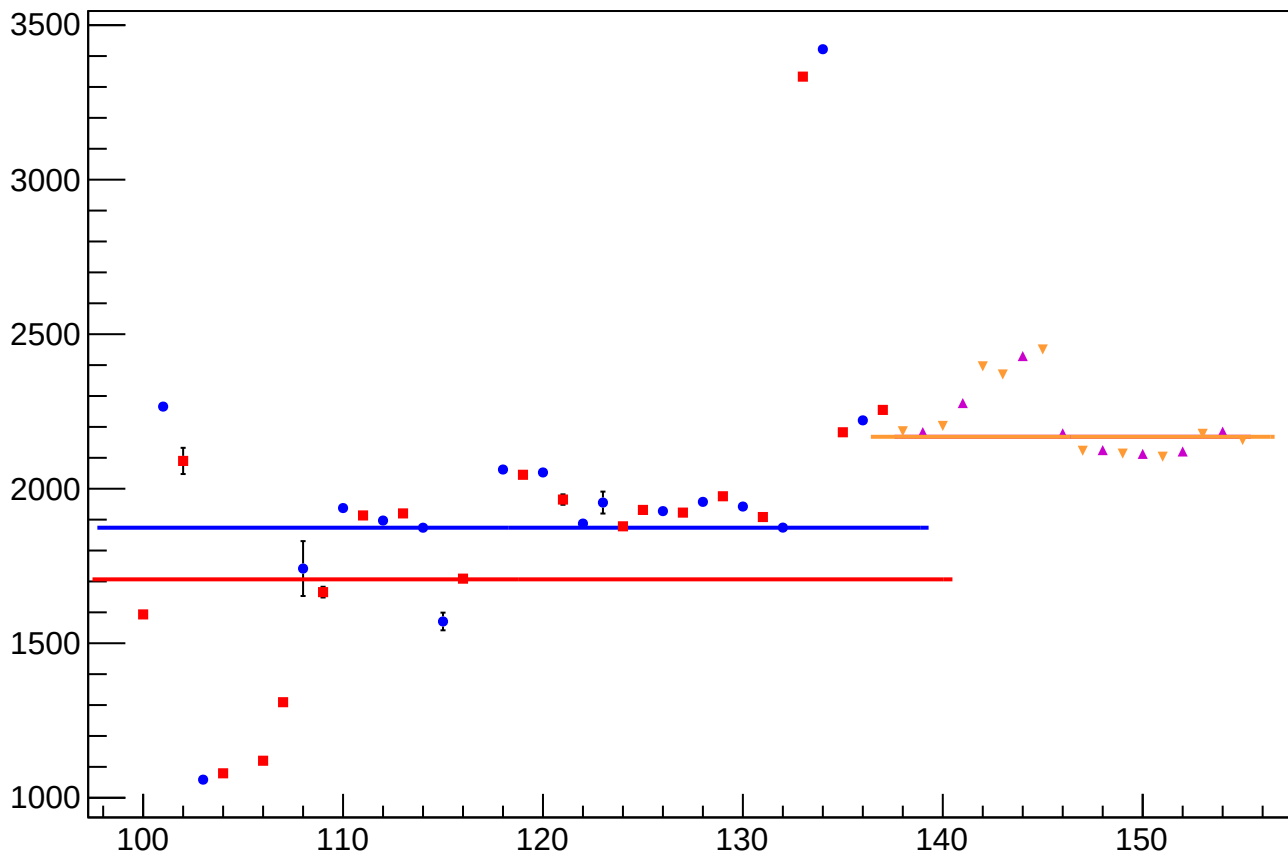
Left In: -1945.977 ± 0.410 χ^2/NDF : 15626.2/7

+ sign -1342.107 ± 0.000 χ^2/NDF : 1902654.6/26

All: -1396.751 ± 0.000 χ^2/NDF : 1800086126

- sign -1496.932 ± 0.000 χ^2/NDF : 1721199.7/26

dit_atr2_4eX_slope vs Slug



Right In: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 201563.9/16$

Left Out: 2168.055 ± 0.504 $\chi^2/\text{NDF}: 27136.5/9$

Right Out: 1706.739 ± 0.302 $\chi^2/\text{NDF}: 837936.9/18$

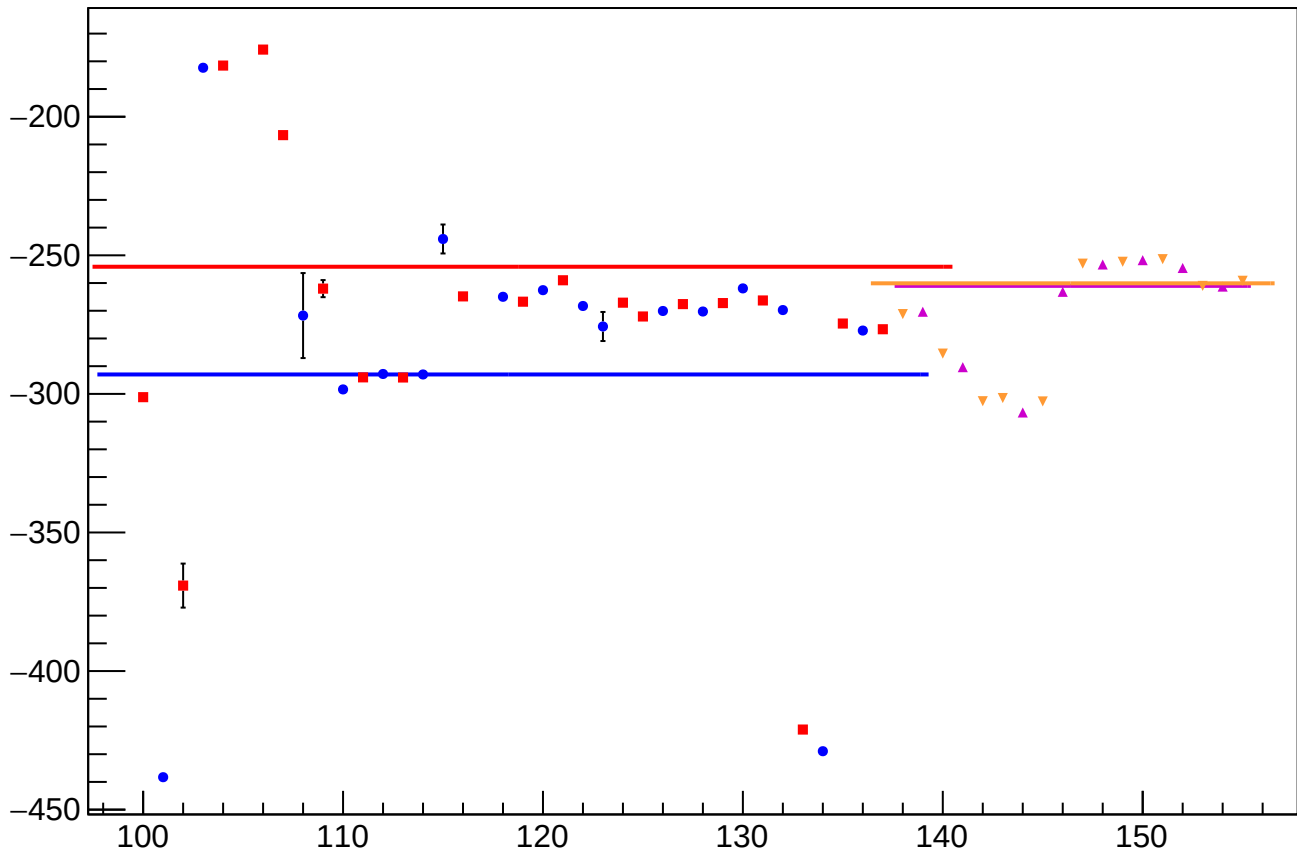
Left In: 2168.059 ± 0.411 $\chi^2/\text{NDF}: 35537.0/7$

+ sign 1873.852 ± 0.000 $\chi^2/\text{NDF}: 569387.0/26$

All: 1873.852 ± 0.000 $\chi^2/\text{NDF}: 2260645.9/53$

- sign 1868.750 ± 0.244 $\chi^2/\text{NDF}: 1690820.3/26$

dit_atr2_11X12X_slope vs Slug



Right In: -292.986 ± 0.000 $\chi^2/\text{NDF}: 1015592.4/16$

Left Out: -260.100 ± 0.028 $\chi^2/\text{NDF}: 189762.8/9$

Right Out: -254.119 ± 0.059 $\chi^2/\text{NDF}: 502658.5/18$

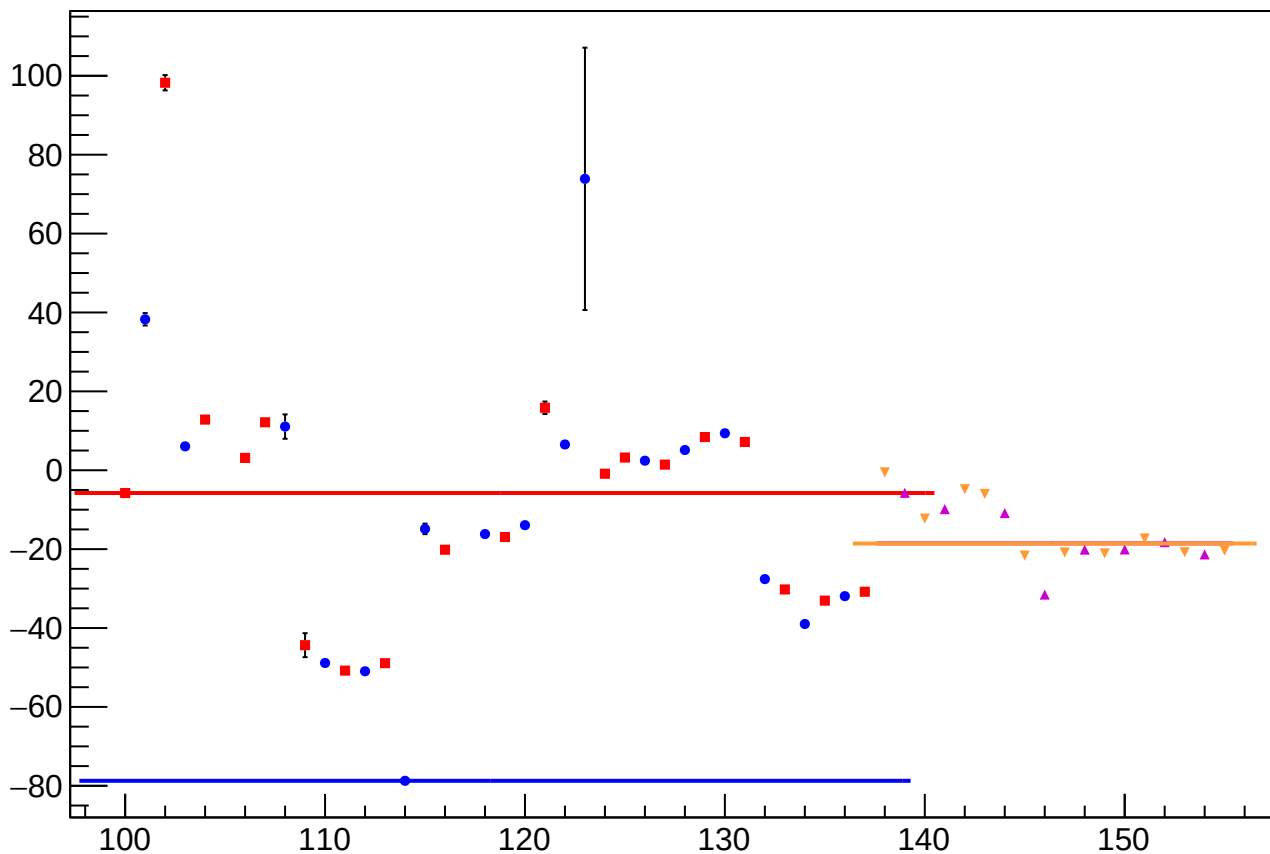
Left In: -261.015 ± 0.025 $\chi^2/\text{NDF}: 229453.0/7$

+ sign -292.986 ± 0.000 $\chi^2/\text{NDF}: 2629845.3/26$

All: -292.986 ± 0.000 $\chi^2/\text{NDF}: 5473155.6/53$

- sign -259.988 ± 0.023 $\chi^2/\text{NDF}: 743739.1/26$

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1399088.3/16$

Left Out: -18.573 ± 0.031 $\chi^2/\text{NDF}: 19971.0/9$

Right Out: -5.769 ± 0.000 $\chi^2/\text{NDF}: 111570.1/18$

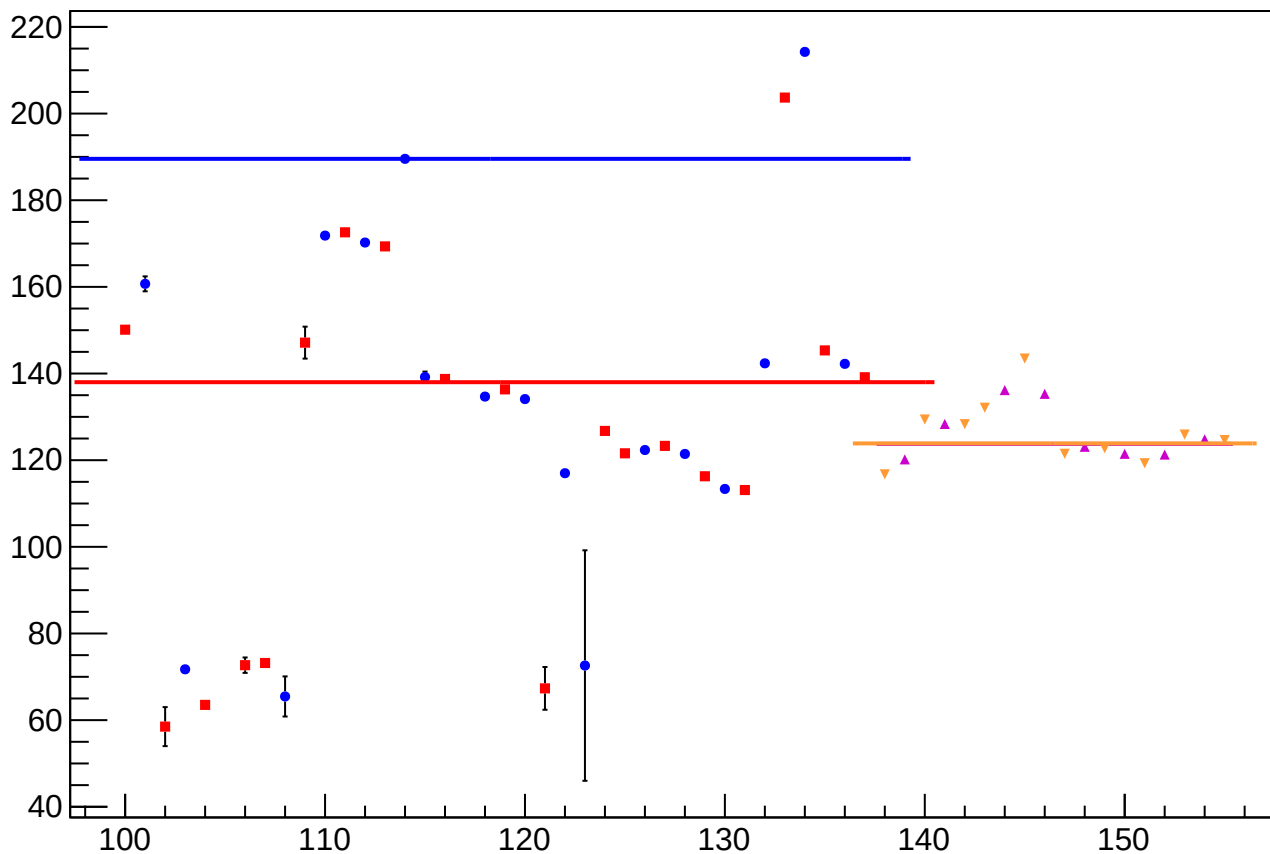
Left In: -18.538 ± 0.026 $\chi^2/\text{NDF}: 34838.2/7$

+ sign -78.728 ± 0.000 $\chi^2/\text{NDF}: 5074251.9/26$

All: -6.288 ± 0.000 $\chi^2/\text{NDF}: 2878797679293$

- sign -5.769 ± 0.000 $\chi^2/\text{NDF}: 388361.0/26$

dit_atr2_4eY_slope vs Slug



Right In: 189.551+/-0.000 χ^2/NDF : 927391.8/16

Left Out: 123.872+/-0.035 χ^2/NDF :10289.6/9

Right Out: 138.002 ± 0.059 $\chi^2/\text{NDF}: 117357.8/18$

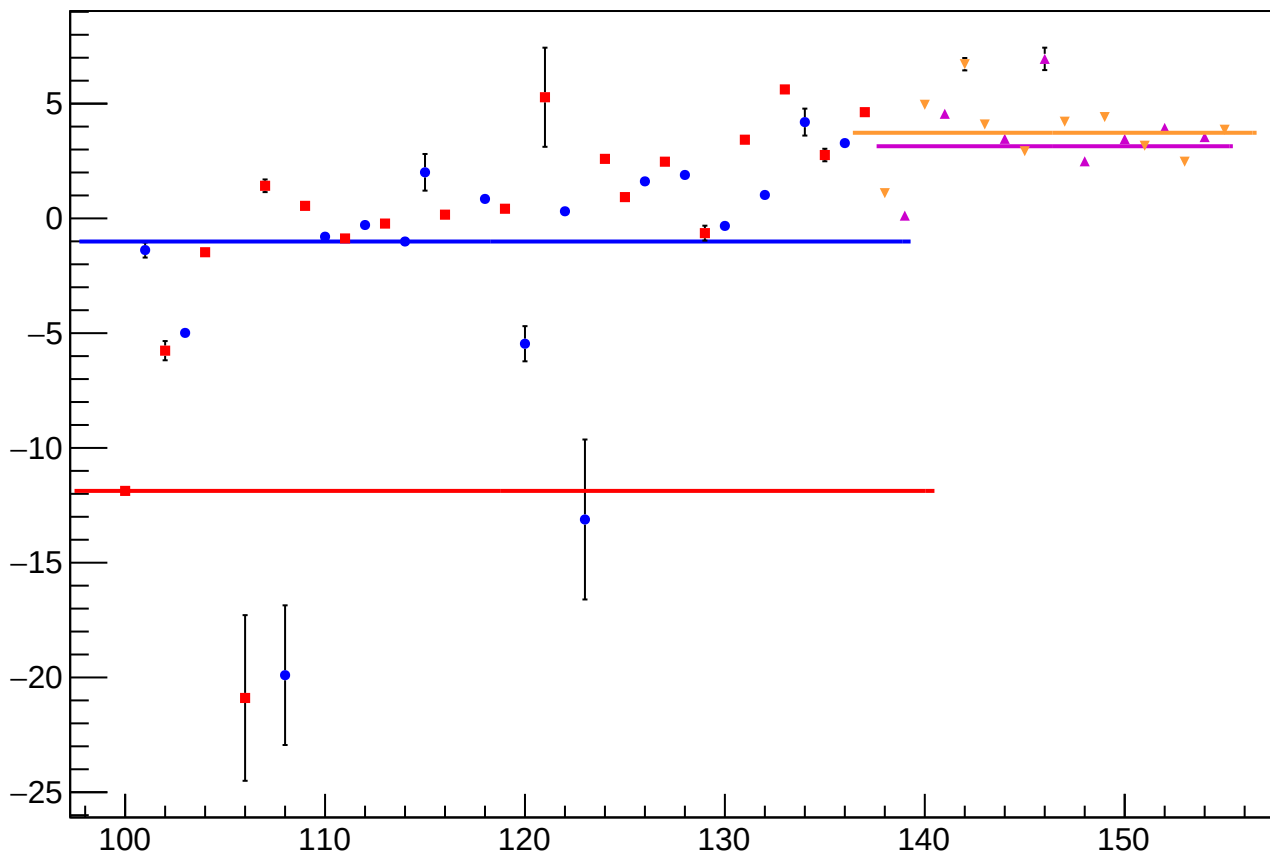
Left In: 123.756+/-0.037 χ^2/NDF :9304.6/7

+ sign 189.551+/-0.000 χ^2/NDF : 4507827.1/26

All: 189.551+/-0.000 χ^2/NDF : 8575677.6/53

- sign 127.755+/-0.031 χ^2/NDF : 168505.3/26

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 3.730 ± 0.035 χ^2/NDF : 765.7/9

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

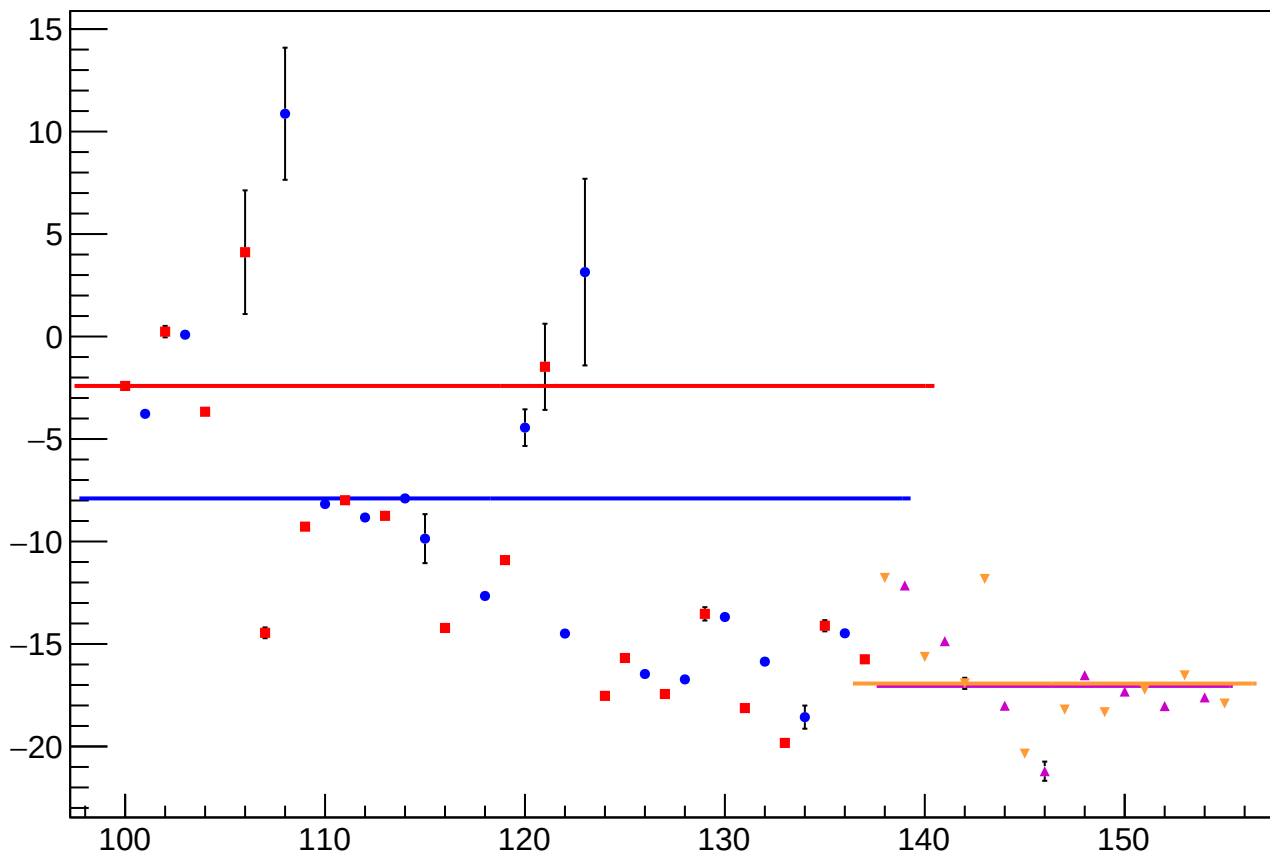
Left In: 3.144 ± 0.024 χ^2/NDF : 2719.6/7

+ sign -1.007 ± 0.000 χ^2/NDF : 26460.3/26

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 910565.0/26

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.930 ± 0.034 χ^2/NDF : 3908.5/9

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

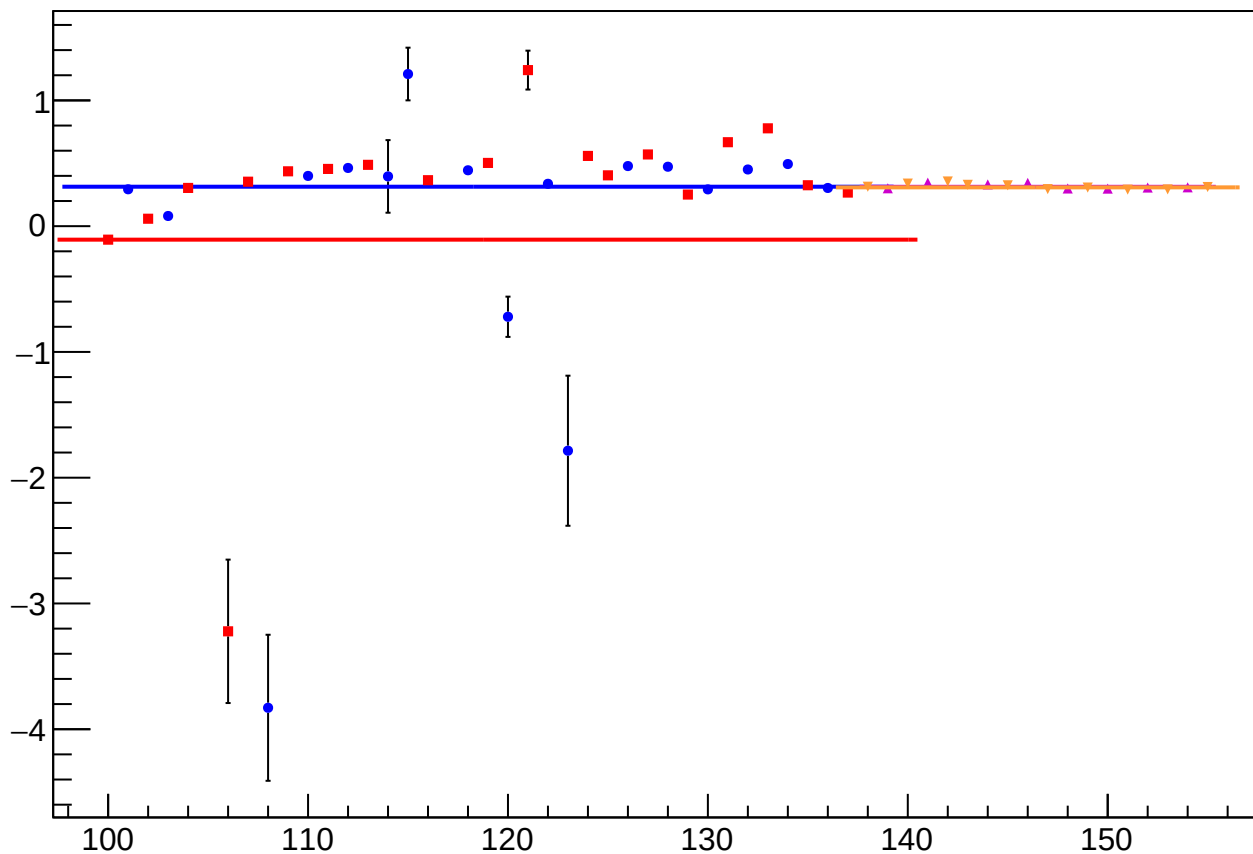
Left In: -17.045 ± 0.025 χ^2/NDF : 2822.6/7

+ sign -7.899 ± 0.000 χ^2/NDF : 113281.6/26

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 540283.1/26

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 $\pm$ 0.001 χ^2 /NDF: 2748.0/16

Left Out: 0.309 $\pm$ 0.000 χ^2 /NDF:1789.7/9

Right Out: -0.107 $\pm$ 0.000 χ^2 /NDF: 219932.8/18

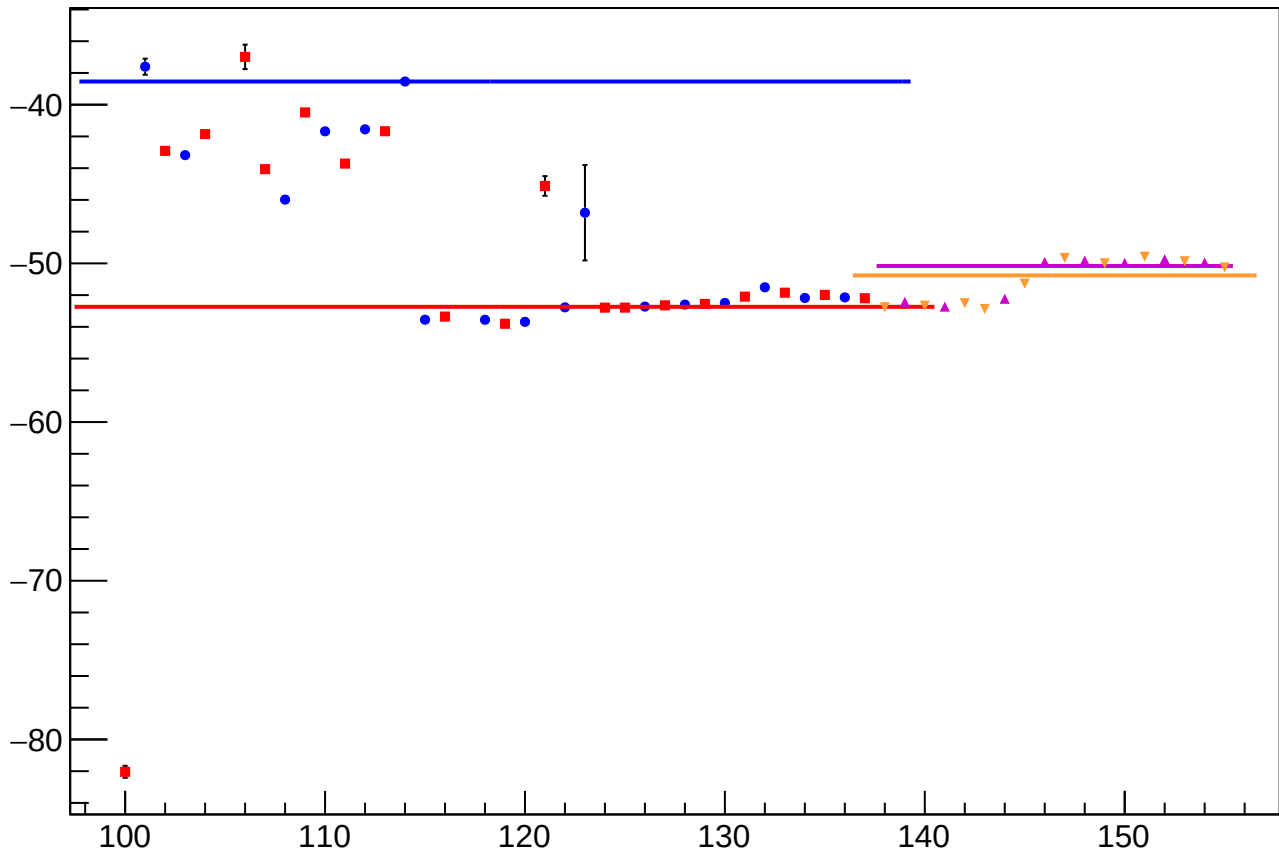
Left In: 0.313 $\pm$ 0.000 χ^2 /NDF:1483.3/7

+ sign 0.309 $\pm$ 0.000 χ^2 /NDF: 4561.9/26

All: -0.107 $\pm$ 0.000 χ^2 /NDF: 2769355.6/53

- sign -0.107 $\pm$ 0.000 χ^2 /NDF: 1524038.8/26

dit_sam1_4aY_slope vs Slug



Right In: -38.539 $\pm$ 0.000 χ^2 /NDF: 14950854.6/16

Left Out: -50.759 $\pm$ 0.003 χ^2 /NDF: 211373.7/9

Right Out: -52.737 $\pm$ 0.002 χ^2 /NDF: 87430.2/18

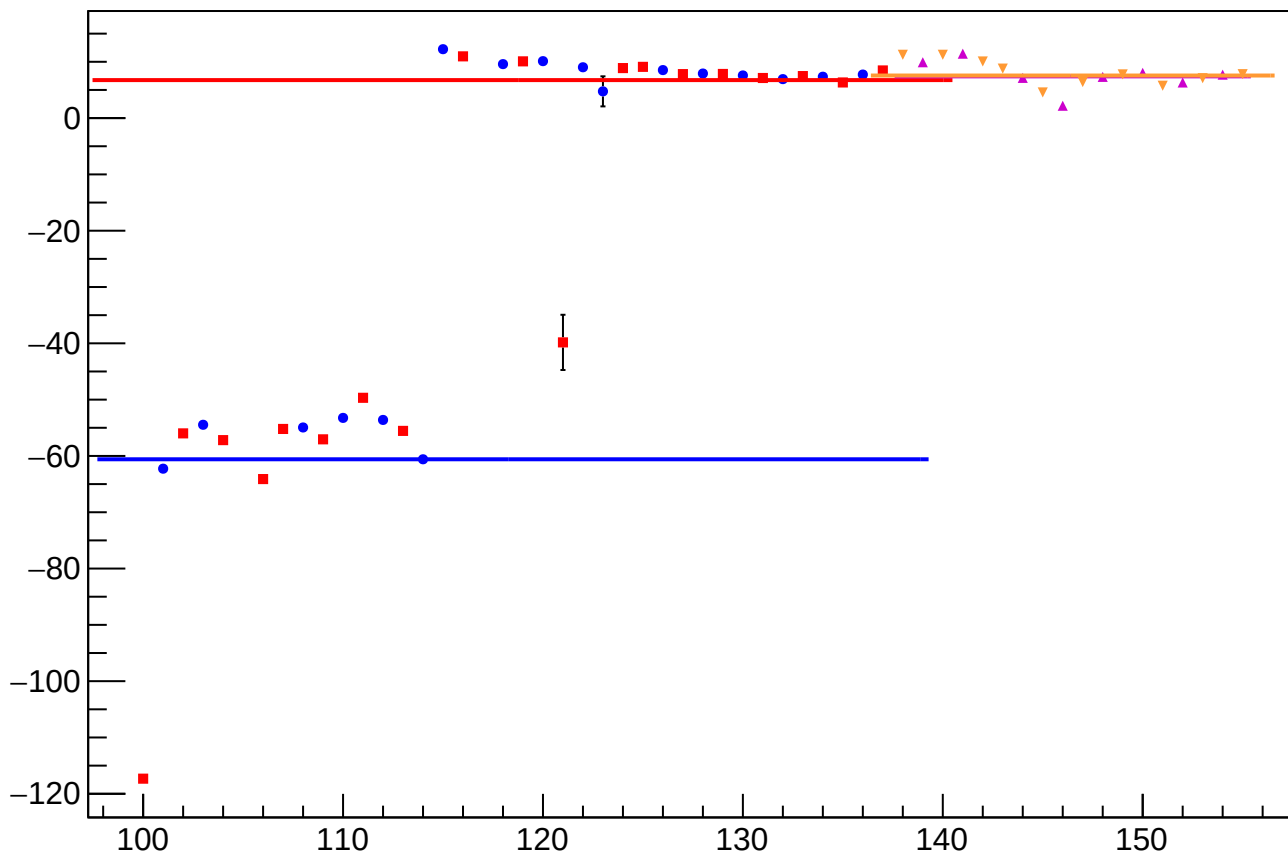
Left In: -50.166 $\pm$ 0.002 χ^2 /NDF: 152943.2/7

+ sign -38.539 $\pm$ 0.000 χ^2 /NDF: 32046519.4/26

All: -38.539 $\pm$ 0.000 χ^2 /NDF: 124295921.5/5

- sign -51.510 $\pm$ 0.001 χ^2 /NDF: 1133388.3/26

dit_sam1_4eY_slope vs Slug



Right In: -60.594+/-0.000 χ^2/NDF : 26122838.1/16

Left Out: 7.561+/-0.006 χ^2/NDF : 65349.6/9

Right Out: 6.748+/-0.011 χ^2/NDF : 1266598.3/18

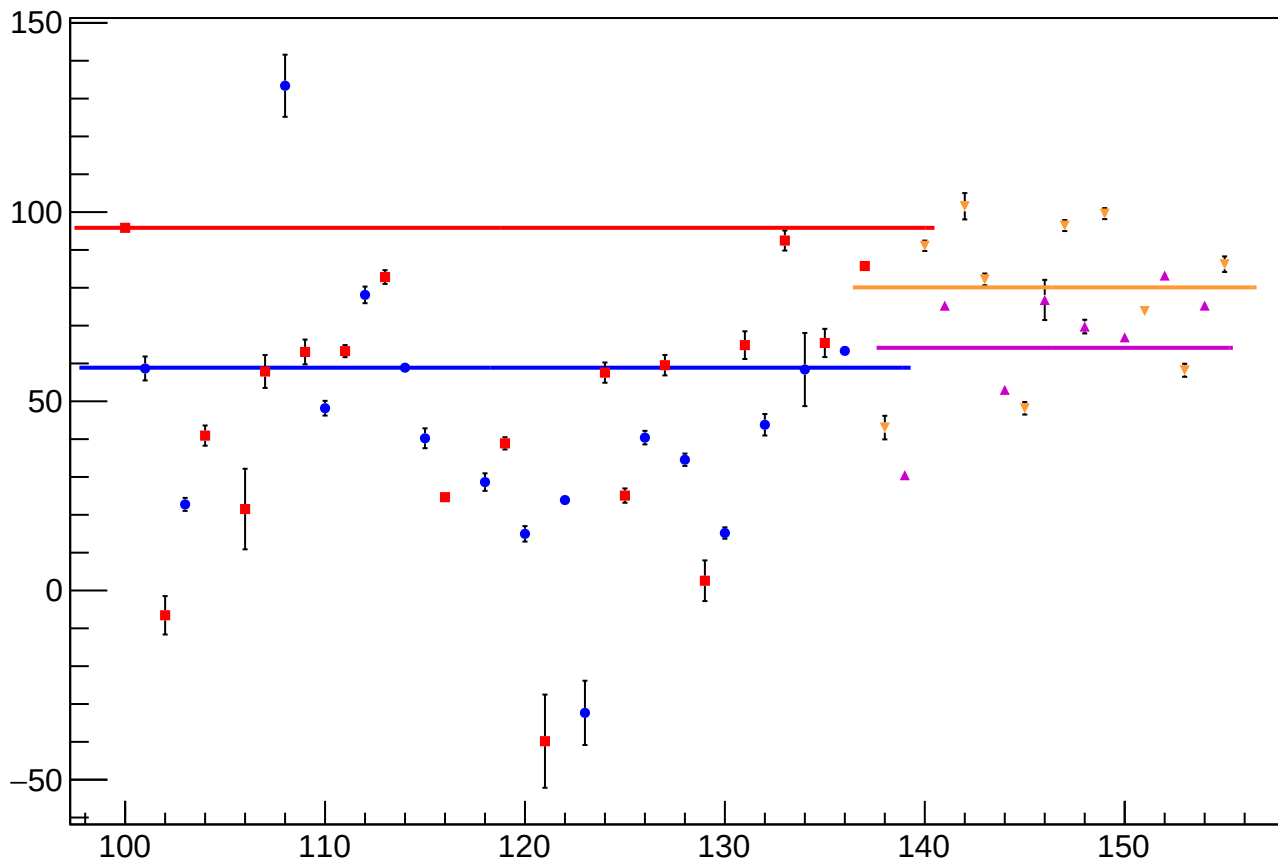
Left In: 7.411+/-0.004 χ^2/NDF : 107211.6/7

+ sign -60.594+/-0.000 χ^2/NDF : 143299012.8/26

All: -60.594+/-0.000 χ^2/NDF : 437551898.0/5

- sign 7.325+/-0.004 χ^2/NDF : 1376954.5/26

dit_sam2_4aX_slope vs Slug



Right In: 58.880 $\pm$ 0.000 χ^2 /NDF: 3814.7/16

Left Out: 80.105 $\pm$ 0.524 χ^2 /NDF: 1117.2/9

Right Out: 95.846 $\pm$ 0.000 χ^2 /NDF: 39385.0/18

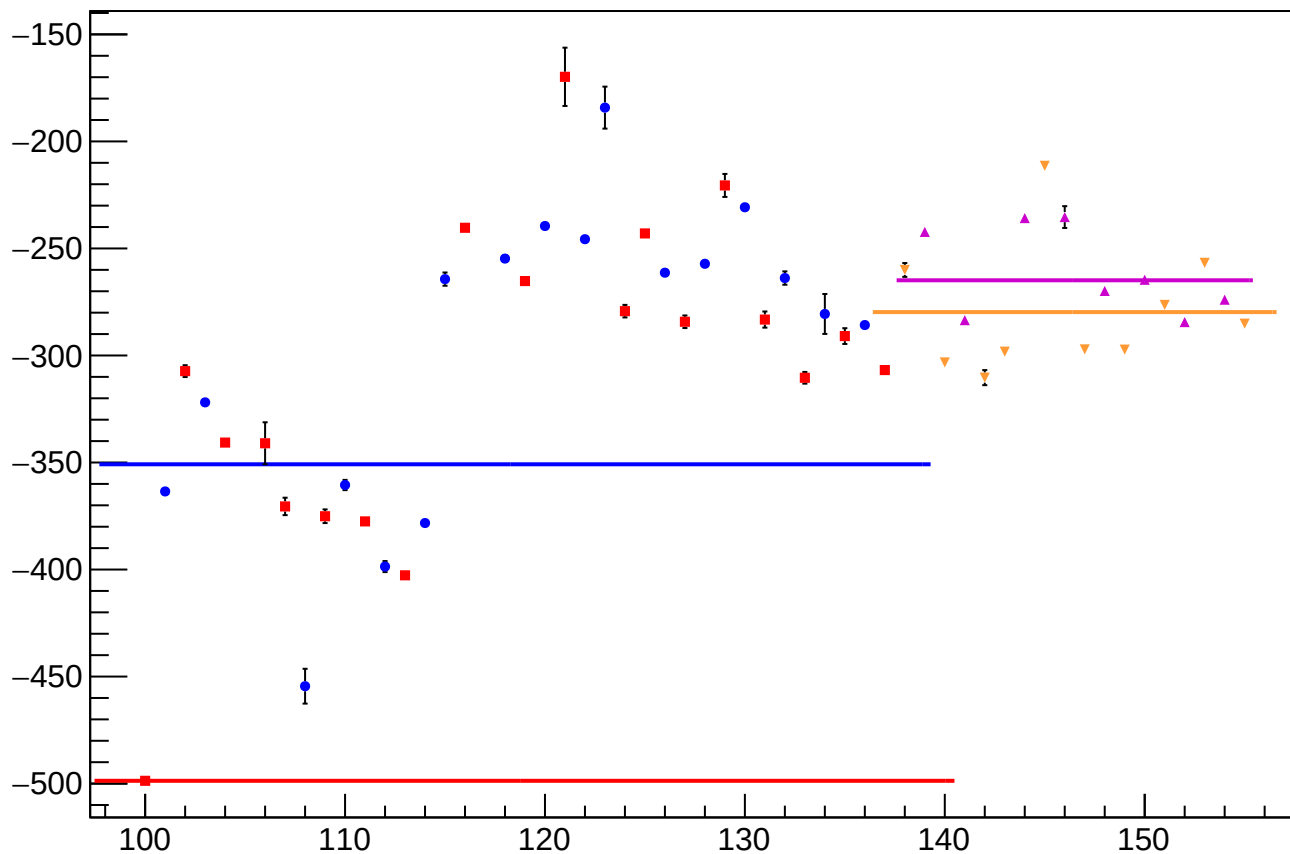
Left In: 64.137 $\pm$ 0.374 χ^2 /NDF: 1898.7/7

+ sign 58.880 $\pm$ 0.000 χ^2 /NDF: 6572.2/26

All: 60.098 $\pm$ 0.000 χ^2 /NDF: 981523394566

- sign 95.846 $\pm$ 0.000 χ^2 /NDF: 48472.1/26

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2/NDF : 41301.1/16

Left Out: -279.724+/-0.513 χ^2/NDF : 2978.1/9

Right Out: -498.692+/-0.000 χ^2/NDF : 511870.8/18

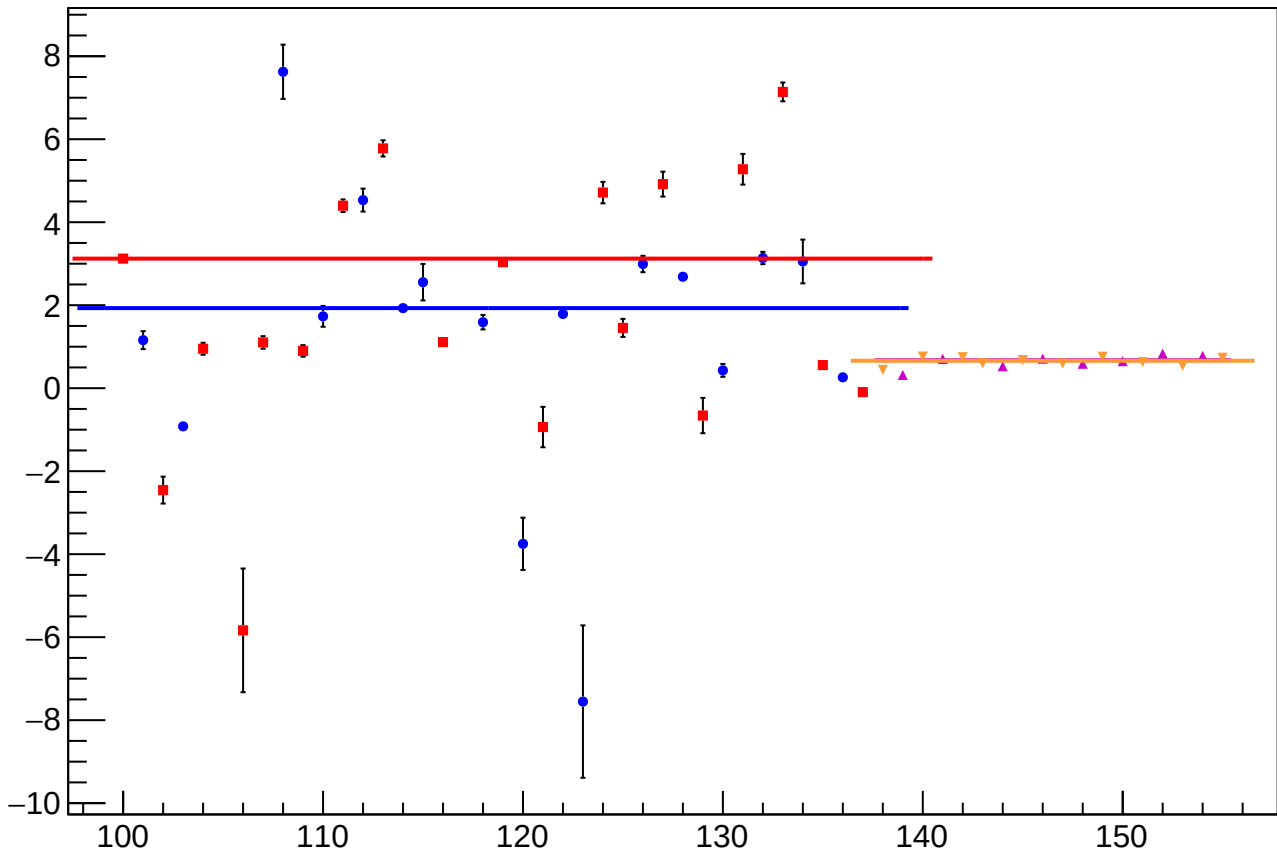
Left In: -264.875+/-0.379 χ^2/NDF : 1836.0/7

+ sign -337.687+/-0.221 χ^2/NDF : 59911.6/26

All: -498.692+/-0.000 χ^2/NDF : 1486176.1/53

- sign -498.692+/-0.000 χ^2/NDF : 894437.5/26

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 59970.9/16

Left Out: 0.662 $\pm$ 0.003 χ^2 /NDF:686.5/9

Right Out: 3.123 $\pm$ 0.000 χ^2 /NDF: 512565.5/18

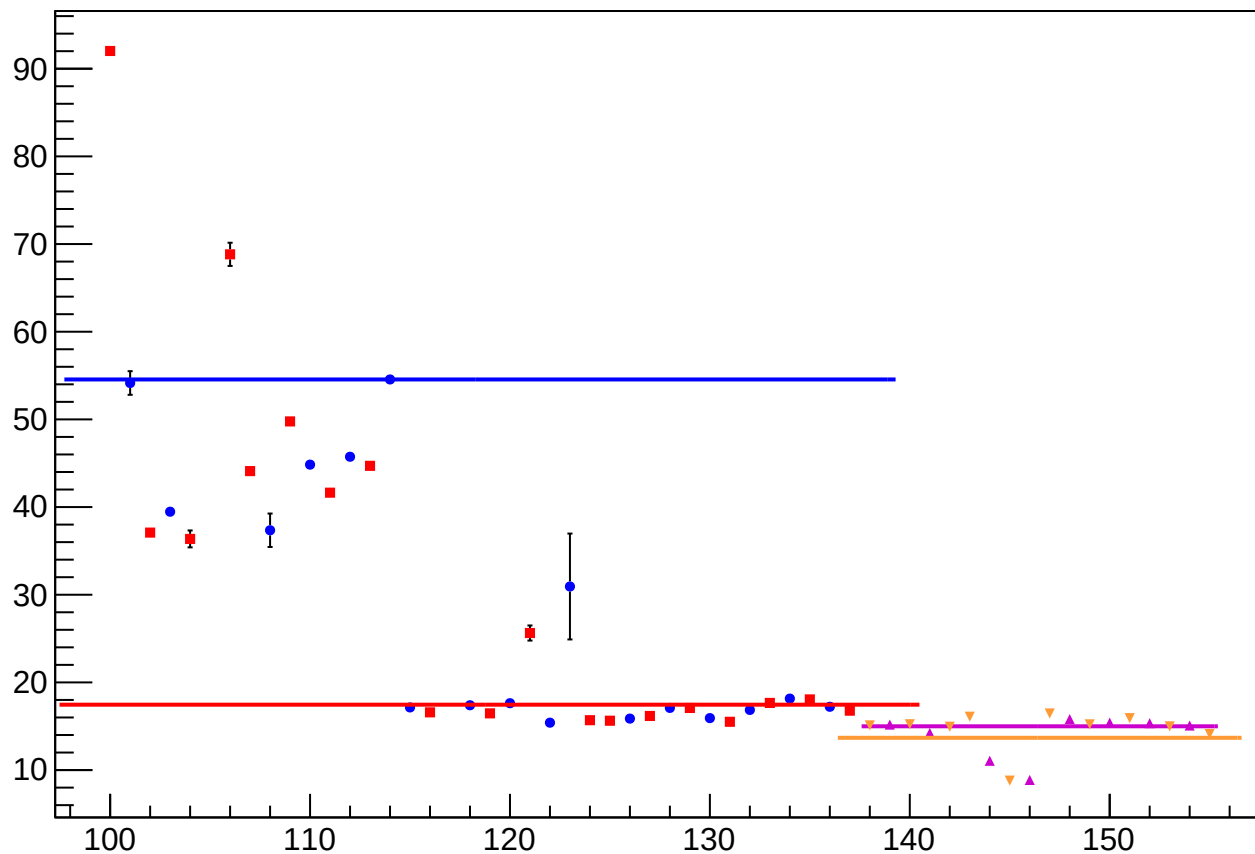
Left In: 0.674 $\pm$ 0.003 χ^2 /NDF:3342.8/7

+ sign 1.930 $\pm$ 0.000 χ^2 /NDF: 205803.7/26

All: 2.073 $\pm$ 0.000 χ^2 /NDF: 3809953457808

- sign 3.123 $\pm$ 0.000 χ^2 /NDF: 1367866.6/26

dit_sam2_4aY_slope vs Slug



Right In: 54.556 $\pm$ 0.000 χ^2 /NDF: 7238433.0/16

Left Out: 13.682 $\pm$ 0.011 χ^2 /NDF: 72161.3/9

Right Out: 17.458 $\pm$ 0.018 χ^2 /NDF: 99308.5/18

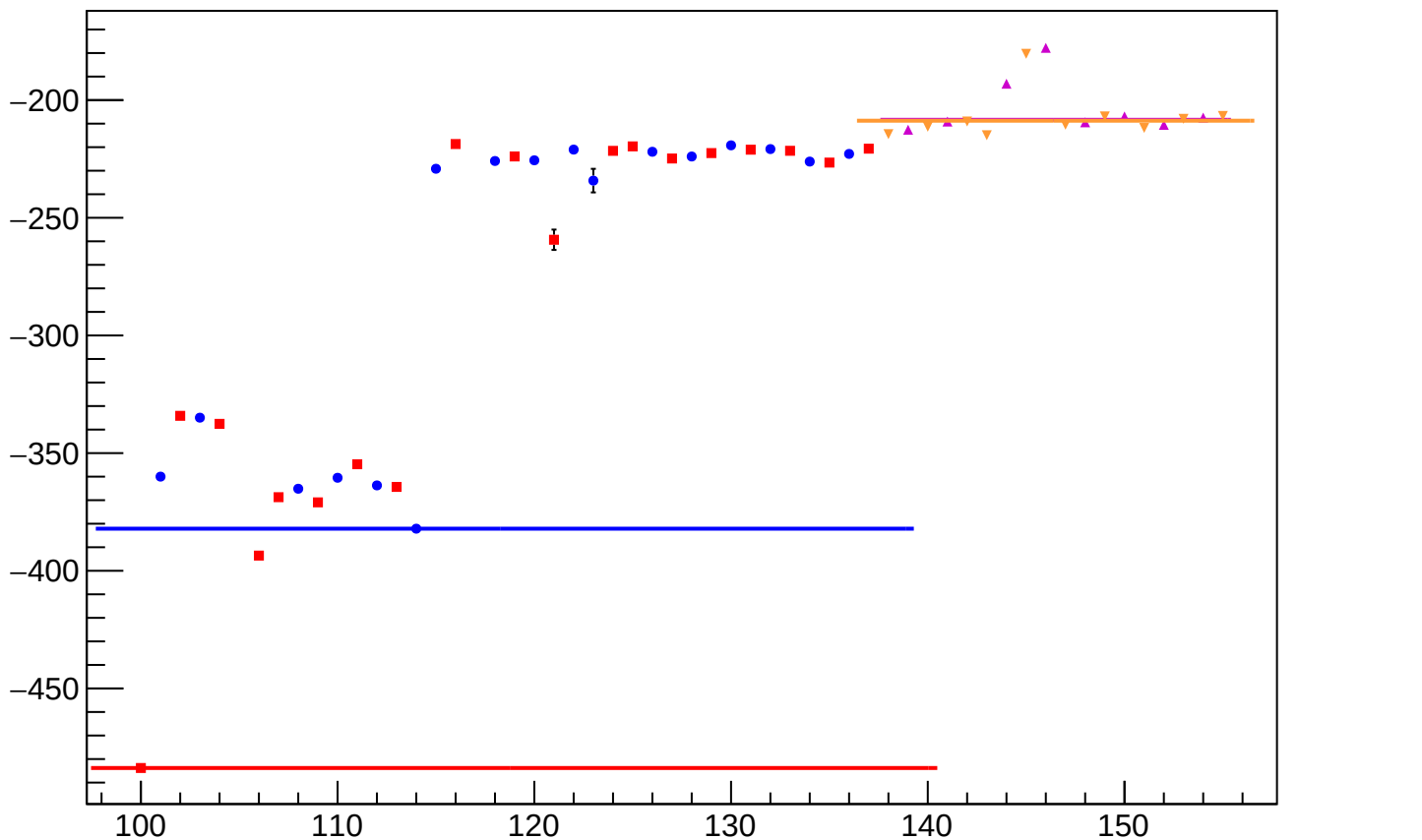
Left In: 14.994 $\pm$ 0.011 χ^2 /NDF: 7606.5/7

+ sign 54.556 $\pm$ 0.000 χ^2 /NDF: 20582539.4/26

All: 54.556 $\pm$ 0.000 χ^2 /NDF: 38208539.7/53

- sign 15.632 $\pm$ 0.009 χ^2 /NDF: 120379.6/26

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 $\chi^2/\text{NDF}: 18398024.3/16$

Left Out: -208.752 ± 0.021 $\chi^2/\text{NDF}: 59211.9/9$

+ sign -382.108 ± 0.000 $\chi^2/\text{NDF}: 85441297.6/26$

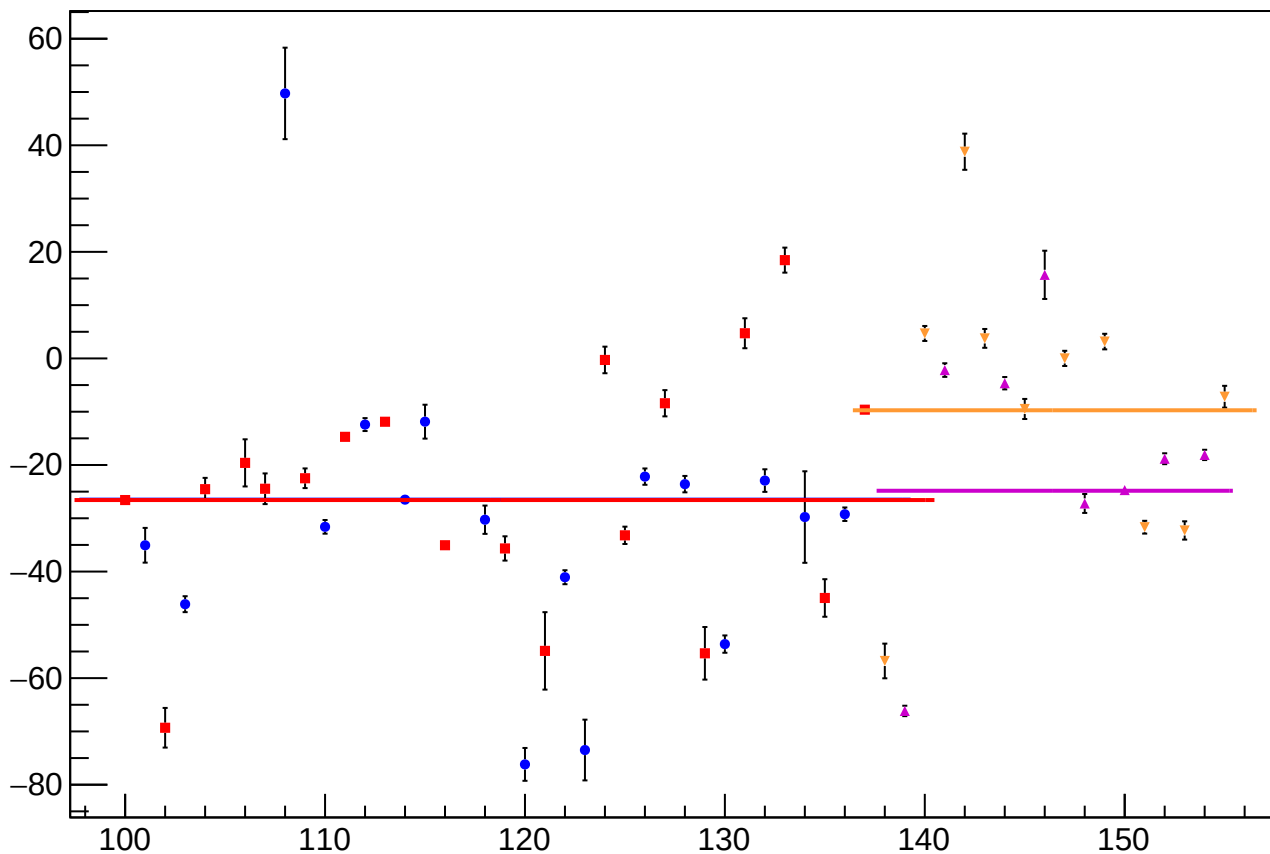
Right Out: -483.800 ± 0.000 $\chi^2/\text{NDF}: 24338683.6/18$

All: -417.999 ± 0.000 $\chi^2/\text{NDF}: 12425488813$

- sign -483.800 ± 0.000 $\chi^2/\text{NDF}: 208315046.1/26$

Left In: -208.373 ± 0.020 $\chi^2/\text{NDF}: 13747.9/7$

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -9.731 ± 0.533 χ^2/NDF : 1209.3/9

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

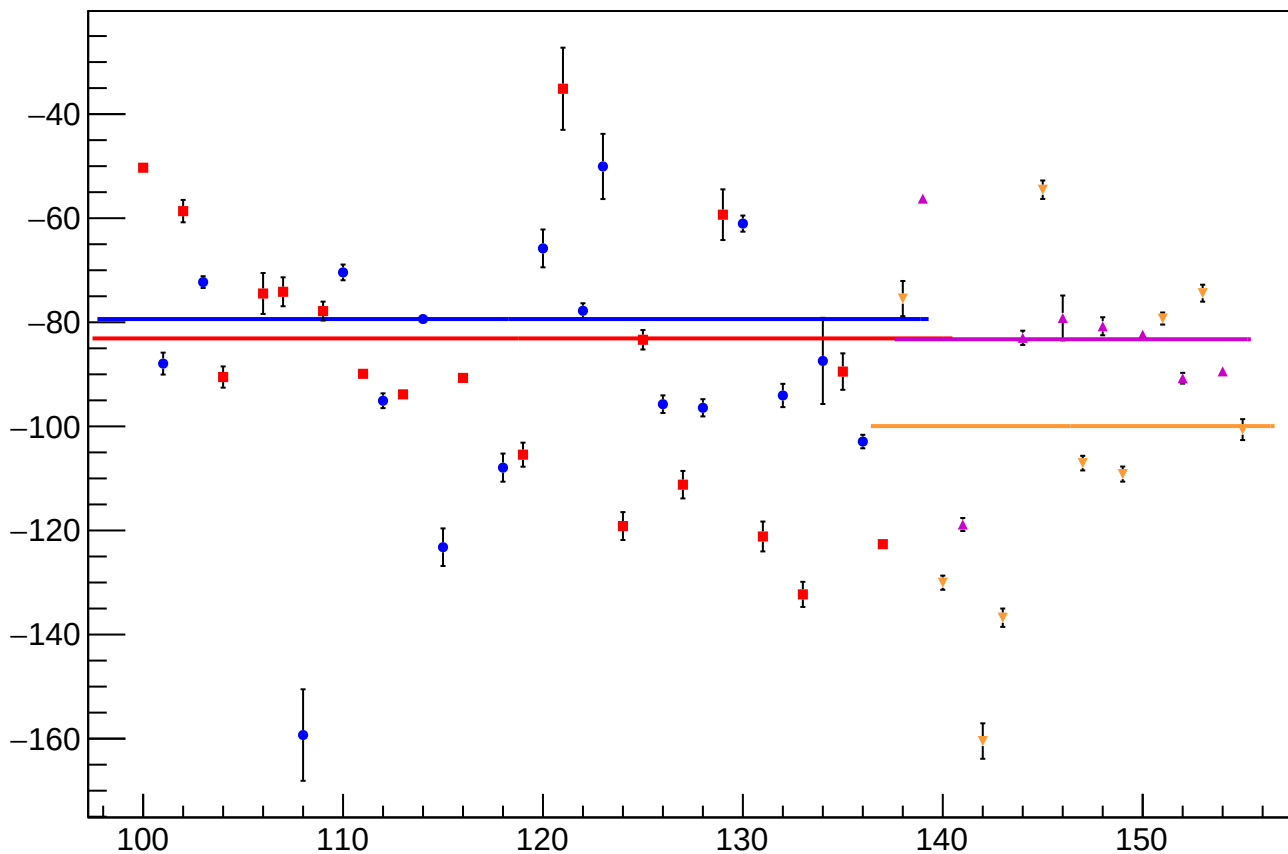
Left In: -24.834 ± 0.392 χ^2/NDF : 2566.3/7

+ sign -26.504 ± 0.000 χ^2/NDF : 3380.5/26

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 5226.9/26

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -99.946 ± 0.520 $\chi^2/\text{NDF}: 2580.6/9$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

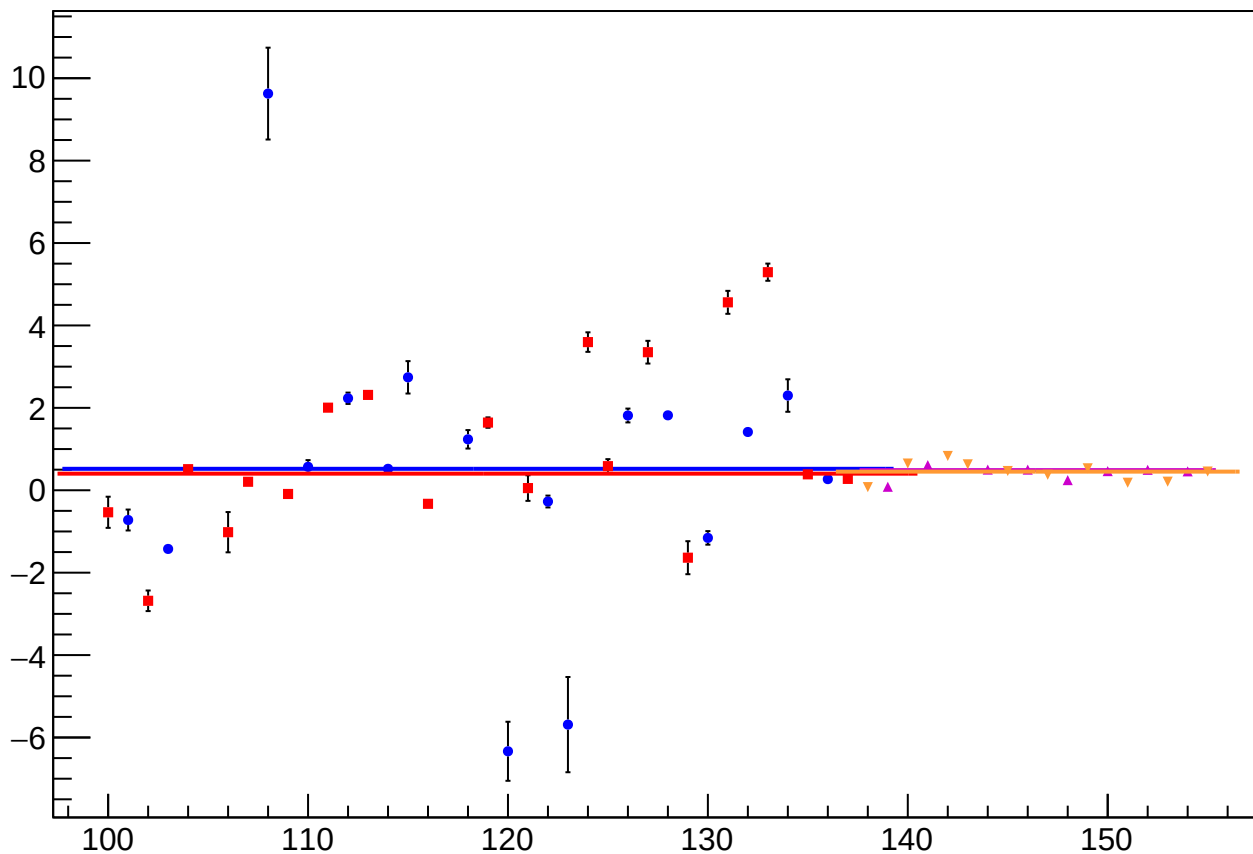
Left In: -83.259 ± 0.387 $\chi^2/\text{NDF}: 1827.7/7$

+ sign -79.376 ± 0.000 $\chi^2/\text{NDF}: 5452.0/26$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 19733.1/53$

- sign -83.127 ± 0.162 $\chi^2/\text{NDF}: 13743.7/26$

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.452+/-0.004 χ^2/NDF : 1974.9/9

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

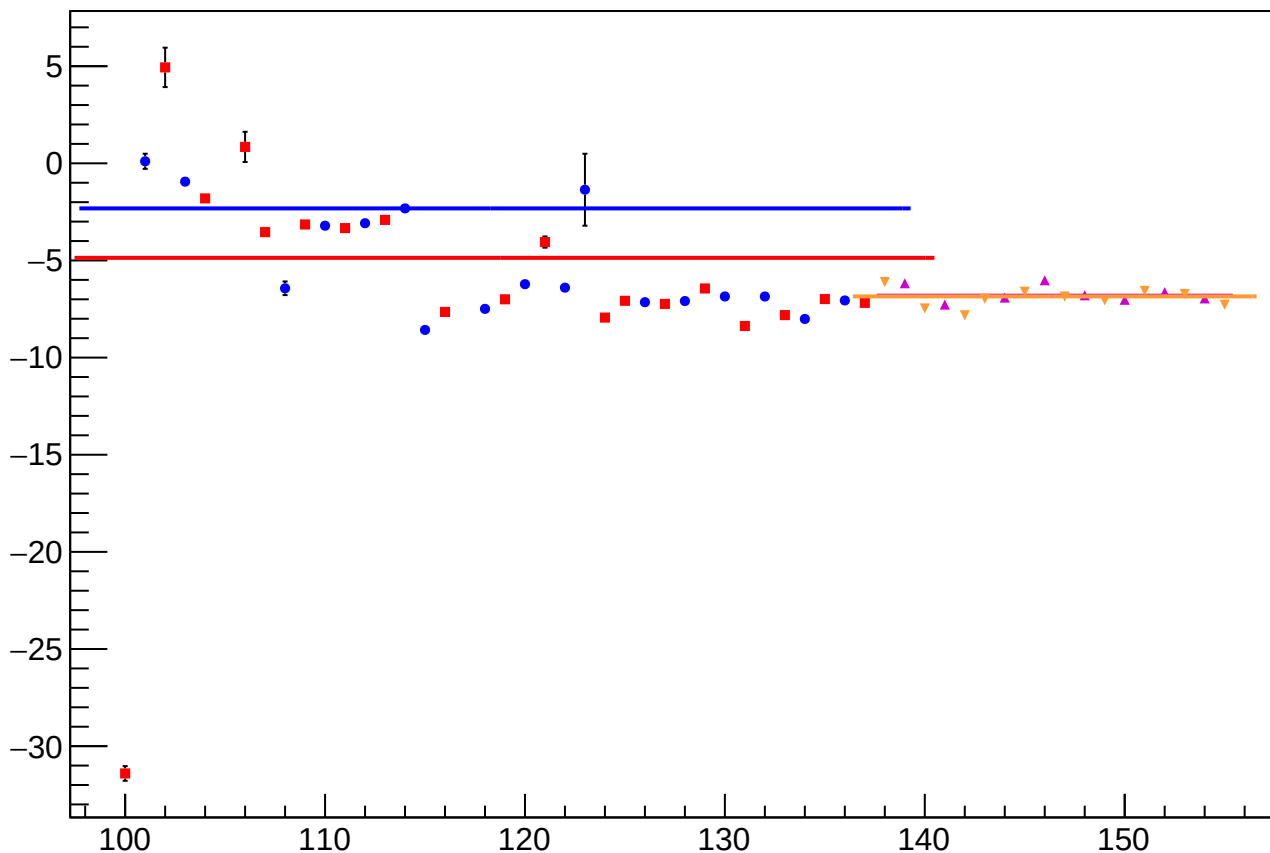
Left In: 0.489+/-0.003 χ^2/NDF : 2829.5/7

+ sign 0.521+/-0.000 χ^2/NDF : 5661.1/26

All: 0.521+/-0.000 χ^2/NDF : 11480.8/53

- sign 0.484+/-0.003 χ^2/NDF : 5615.6/26

dit_sam3_4aY_slope vs Slug



Right In: -2.320+/-0.000 χ^2 /NDF: 270771.9/16

Left Out: -6.850+/-0.005 χ^2 /NDF:2478.0/9

Right Out: -4.864+/-0.010 χ^2 /NDF: 49380.5/18

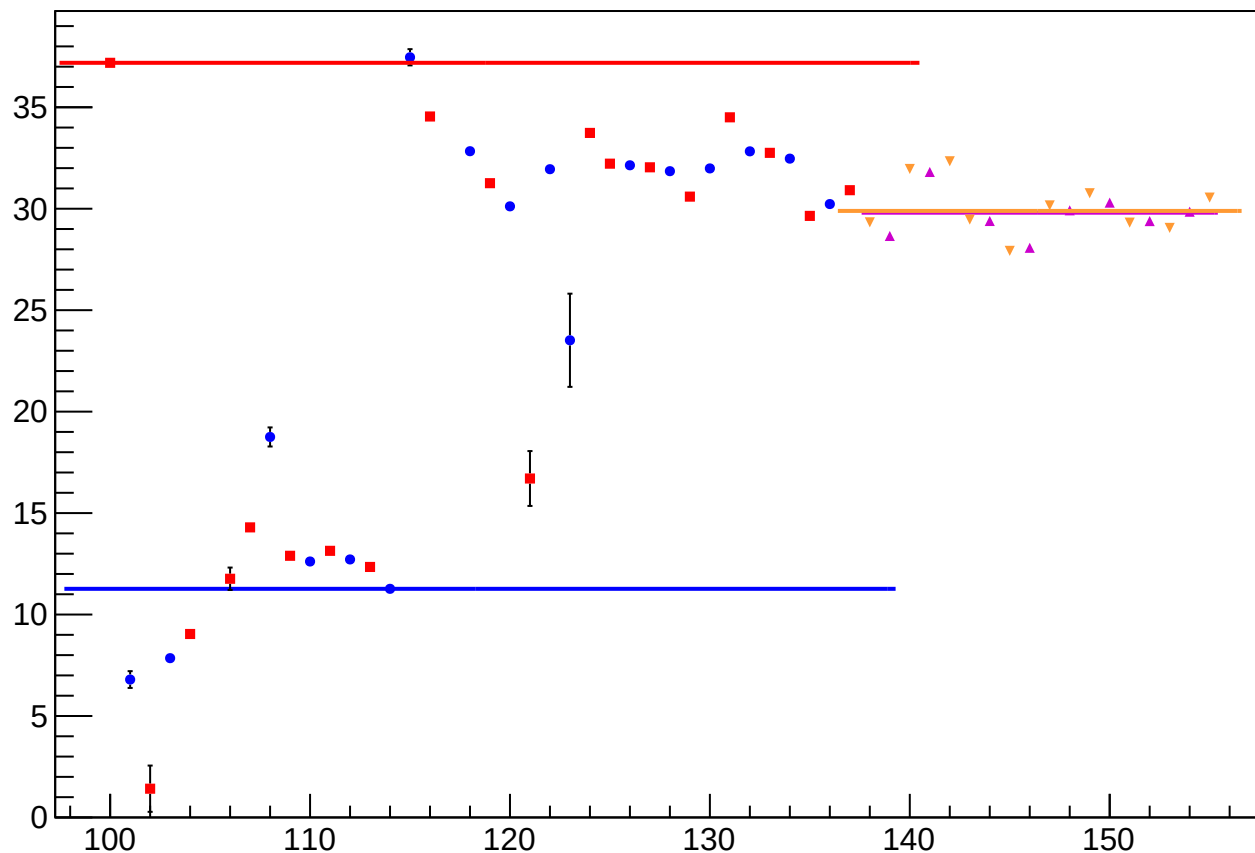
Left In: -6.813+/-0.005 χ^2 /NDF:4479.3/7

+ sign -2.320+/-0.000 χ^2 /NDF: 1122460.6/26

All: -2.320+/-0.000 χ^2 /NDF: 2126558.8/53

- sign -6.470+/-0.004 χ^2 /NDF: 83331.6/26

dit_sam3_4eY_slope vs Slug



Right In: 11.268 $\pm$ 0.000 χ^2 /NDF: 958029.3/16

Left Out: 29.892 $\pm$ 0.016 χ^2 /NDF: 4933.5/9

Right Out: 37.191 $\pm$ 0.000 χ^2 /NDF: 1121929.1/18

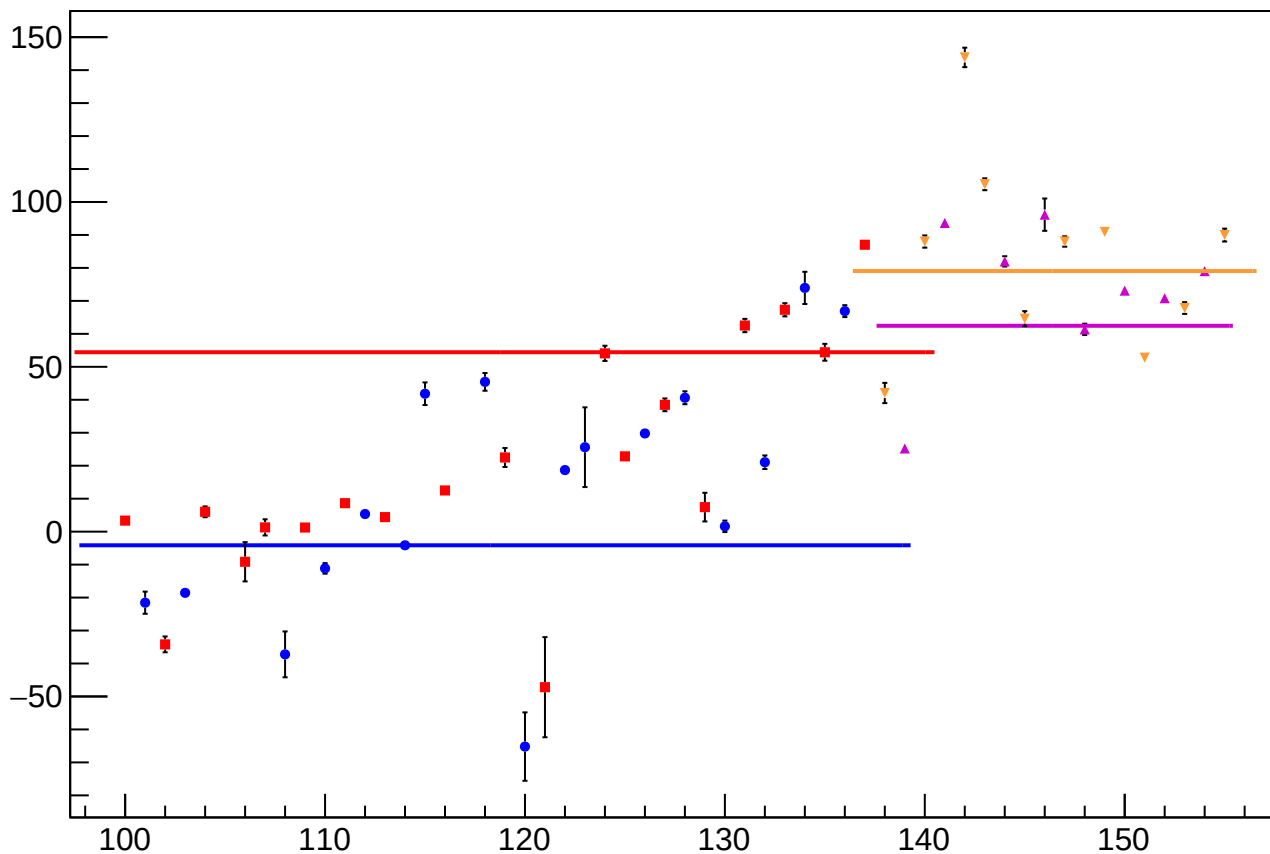
Left In: 29.804 $\pm$ 0.013 χ^2 /NDF: 2629.6/7

+ sign 11.268 $\pm$ 0.000 χ^2 /NDF: 2341155.9/26

All: 12.122 $\pm$ 0.000 χ^2 /NDF: 7723055694978

- sign 37.191 $\pm$ 0.000 χ^2 /NDF: 1452088.8/26

dit_sam4_4aX_slope vs Slug



Right In: -4.139+/-0.000 χ^2 /NDF: 4654.2/16

Left Out: 79.051+/-0.555 χ^2 /NDF:1604.2/9

Right Out: 54.427+/-0.170 χ^2 /NDF: 53998.7/18

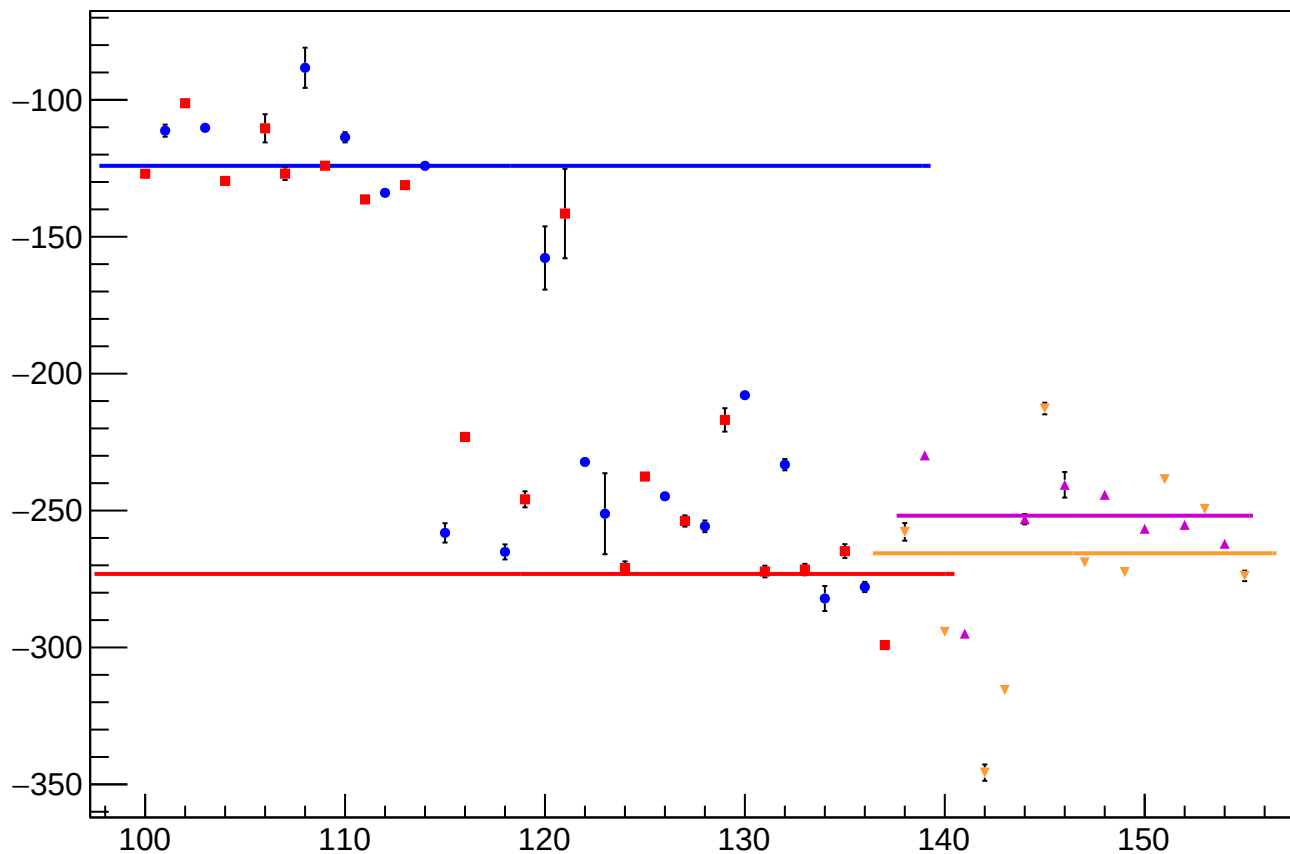
Left In: 62.452+/-0.384 χ^2 /NDF:3930.9/7

+ sign -4.139+/-0.000 χ^2 /NDF: 28692.0/26

All: -4.139+/-0.000 χ^2 /NDF: 235119.5/53

- sign 55.746+/-0.156 χ^2 /NDF: 58295.1/26

dit_sam4_4eX_slope vs Slug



Right In: -124.095 ± 0.000 χ^2/NDF : 38152.5/16

Left Out: -265.604 ± 0.546 χ^2/NDF : 3087.2/9

Right Out: -273.143 ± 0.113 χ^2/NDF : 280141.9/18

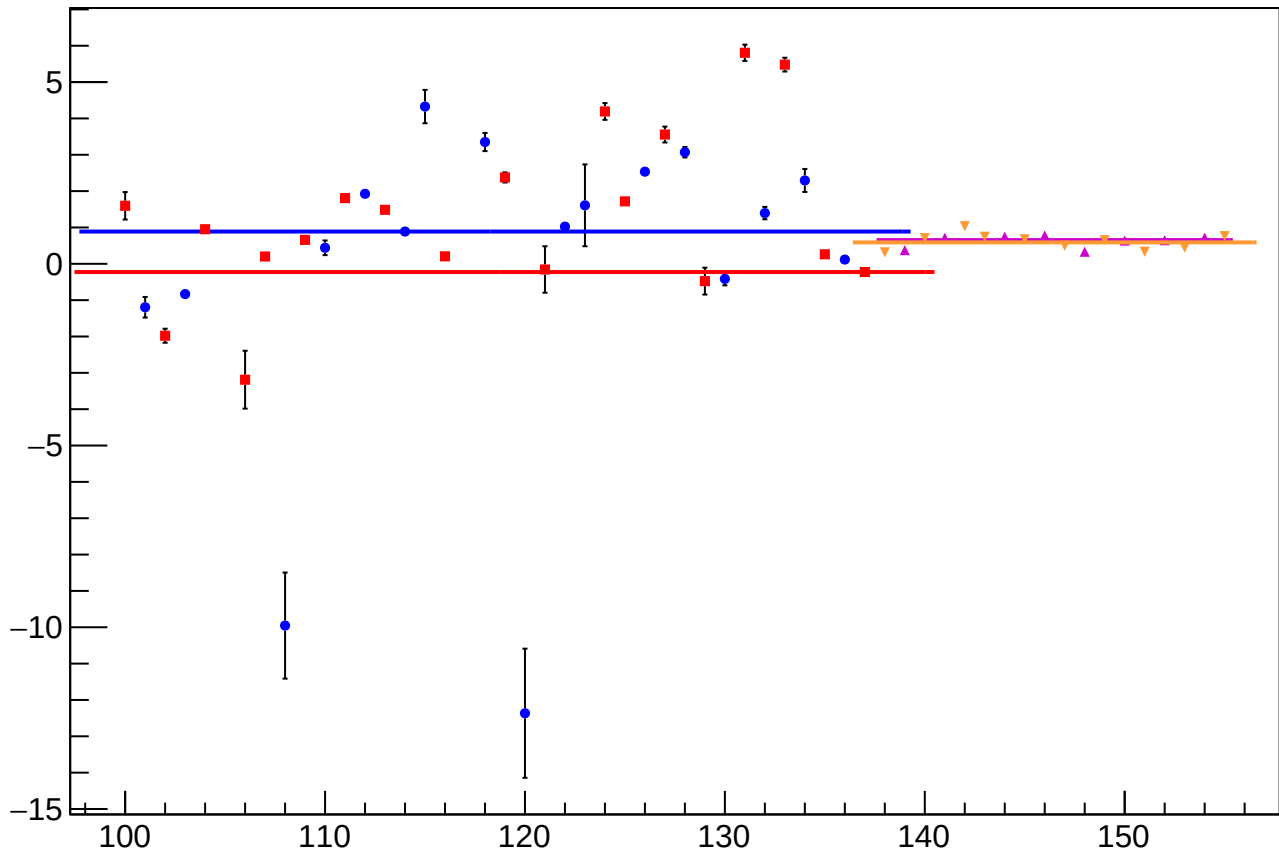
Left In: -251.866 ± 0.373 χ^2/NDF : 2442.0/7

+ sign -124.095 ± 0.000 χ^2/NDF : 108430.7/26

All: -124.095 ± 0.000 χ^2/NDF : 2256733.2/53

- sign -271.364 ± 0.108 χ^2/NDF : 285563.2/26

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.589 ± 0.004 χ^2/NDF : 1940.1/9

Right Out: -0.226 ± 0.000 χ^2/NDF : 5031.1/18

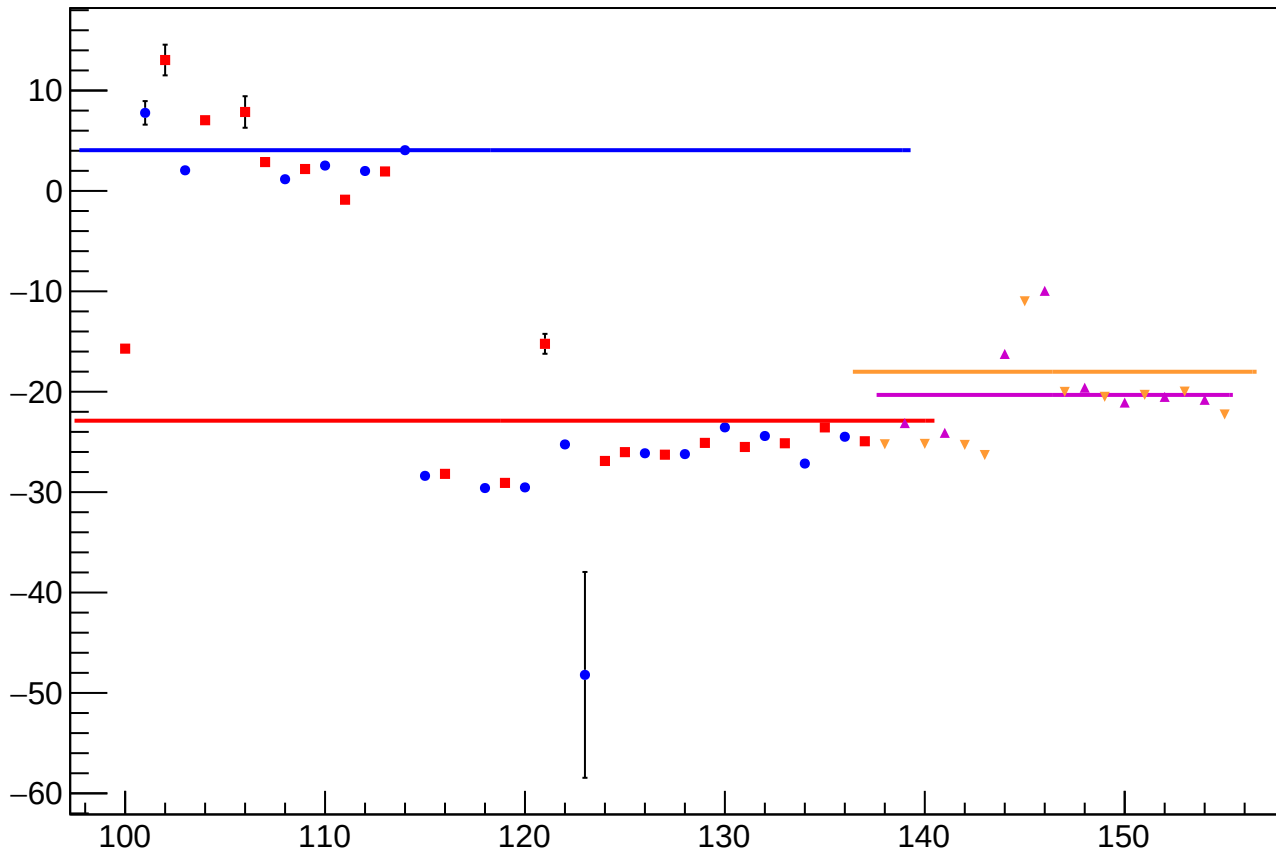
Left In: 0.652 ± 0.003 χ^2/NDF : 1104.2/7

+ sign 0.888 ± 0.000 χ^2/NDF : 15807.8/26

All: 0.888 ± 0.000 χ^2/NDF : 422233586.1/53

- sign -0.226 ± 0.000 χ^2/NDF : 73210.5/26

dit_sam4_4aY_slope vs Slug



Right In: 4.057 ± 0.000 χ^2/NDF : 1247888.2/16

Left Out: -18.010 ± 0.020 χ^2/NDF : 74213.2/9

Right Out: -22.885 ± 0.026 χ^2/NDF : 116508.9/18

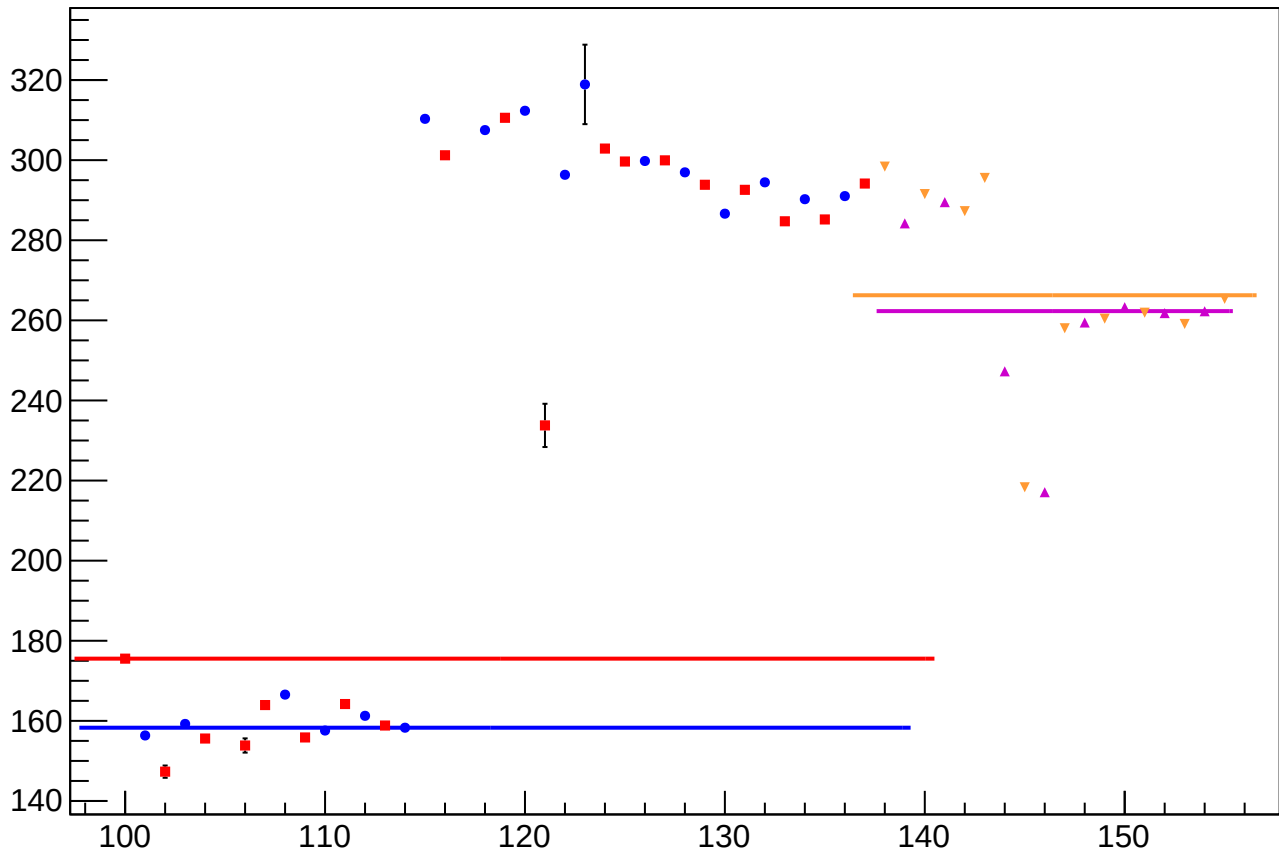
Left In: -20.317 ± 0.019 χ^2/NDF : 18174.2/7

+ sign 4.057 ± 0.000 χ^2/NDF : 2499746.8/26

All: 4.057 ± 0.000 χ^2/NDF : 5280466.0/53

- sign -21.214 ± 0.016 χ^2/NDF : 140876.5/26

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 266.269+/-0.047 χ^2/NDF :179972.5/9

Right Out: 175.536+/-0.000 χ^2/NDF : 2100196.2/18

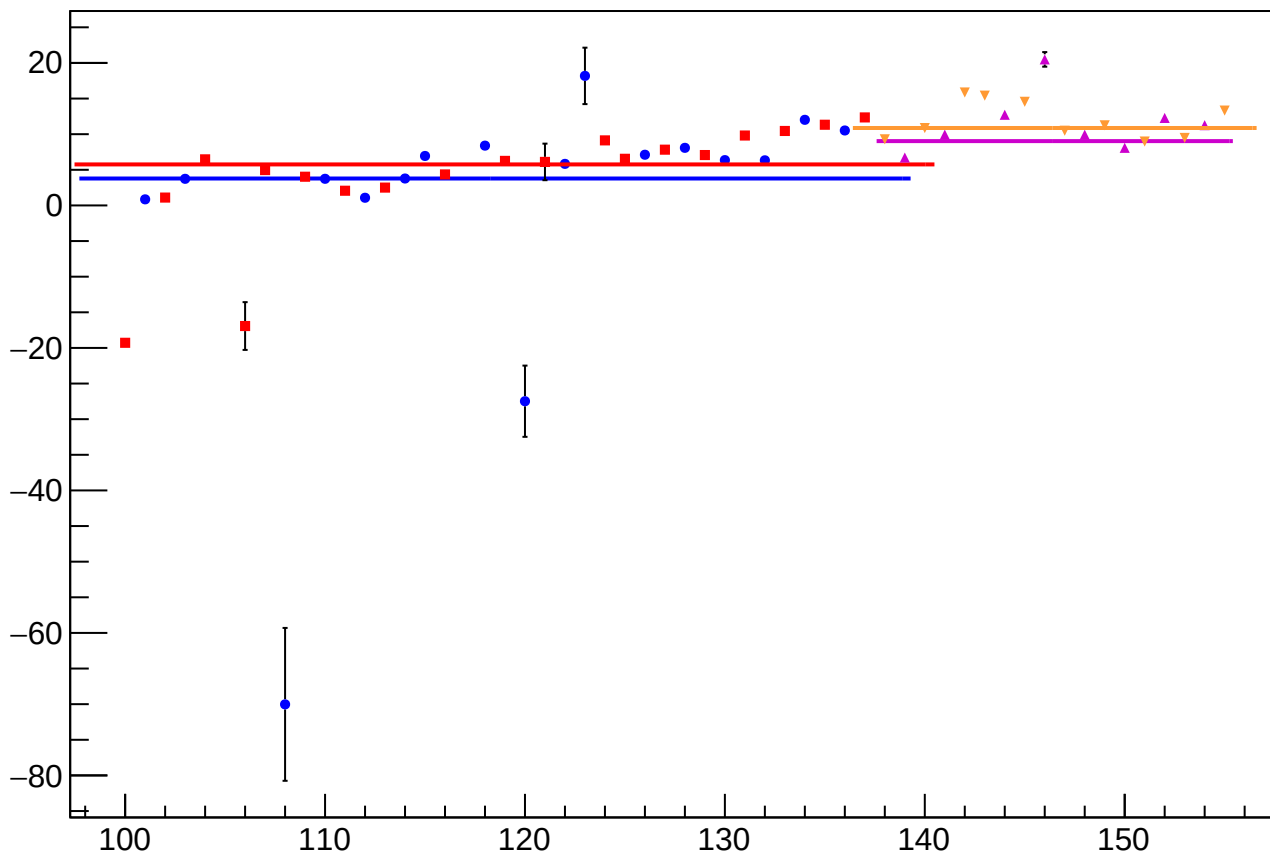
Left In: 262.309+/-0.041 χ^2/NDF :36875.6/7

+ sign 158.293+/-0.000 χ^2/NDF : 7972649.0/26

All: 172.618+/-0.000 χ^2/NDF : 373727491225

- sign 175.536+/-0.000 χ^2/NDF : 6543545.4/26

dit_sam5_4aX_slope vs Slug



Right In: 3.778 $\pm$ 0.000 χ^2 /NDF: 6871.4/16

Left Out: 10.868 $\pm$ 0.041 χ^2 /NDF:1543.0/9

Right Out: 5.756 $\pm$ 0.026 χ^2 /NDF: 22291.6/18

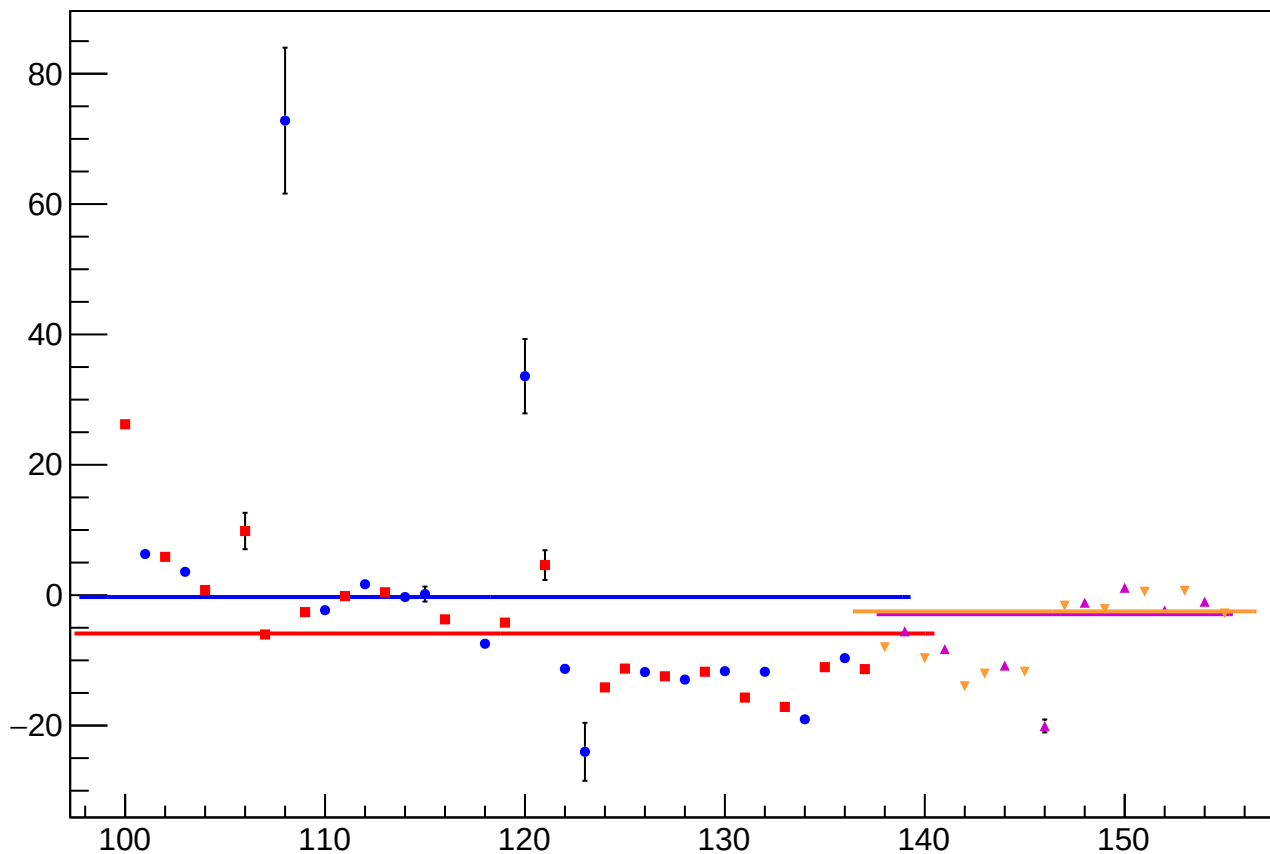
Left In: 9.027 $\pm$ 0.041 χ^2 /NDF:2181.7/7

+ sign 3.778 $\pm$ 0.000 χ^2 /NDF: 39054.3/26

All: 3.778 $\pm$ 0.000 χ^2 /NDF: 85544.3/53

- sign 6.671 $\pm$ 0.022 χ^2 /NDF: 28985.2/26

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -2.488 ± 0.040 χ^2/NDF : 7825.9/9

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

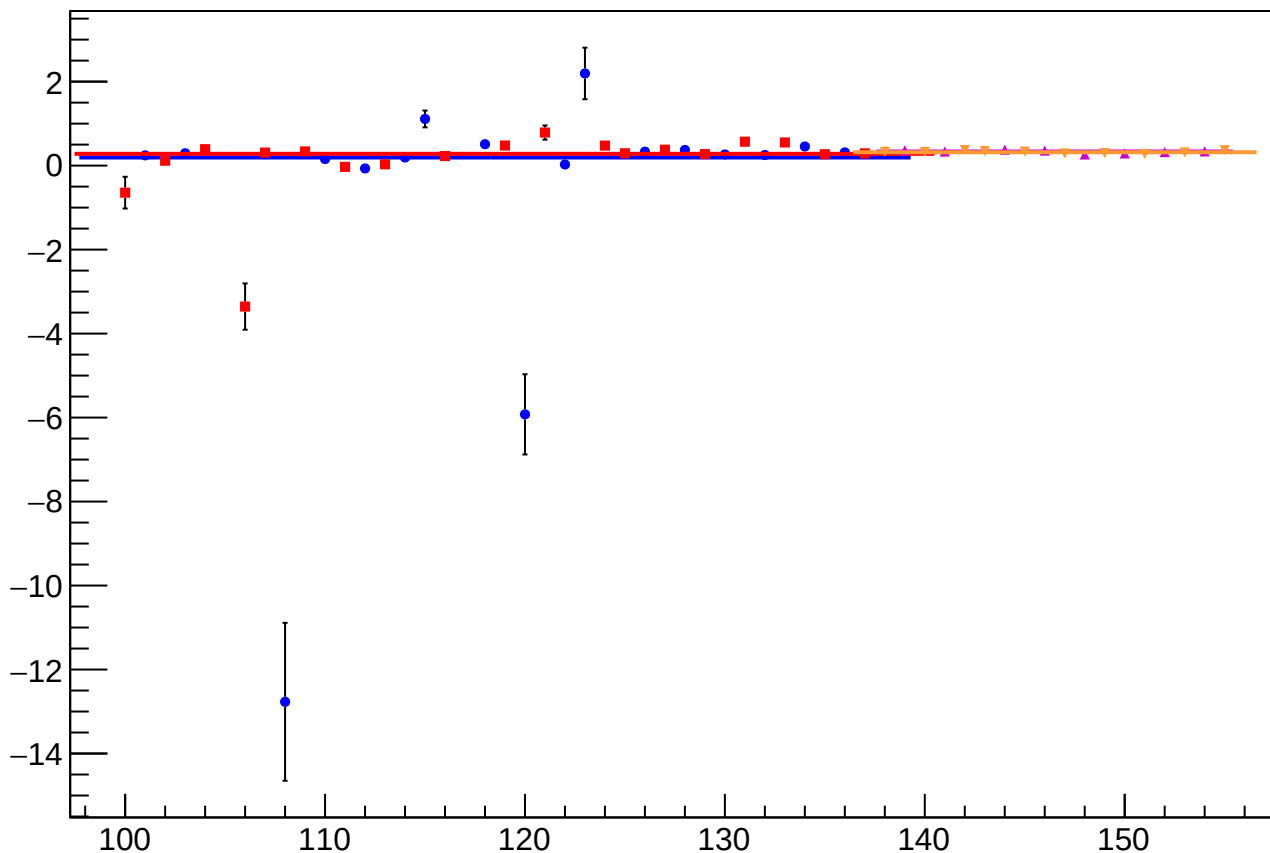
Left In: -2.916 ± 0.042 χ^2/NDF : 9486.4/7

+ sign -0.287 ± 0.000 χ^2/NDF : 55126.6/26

All: -0.287 ± 0.000 χ^2/NDF : 174323.1/53

- sign -5.004 ± 0.023 χ^2/NDF : 76499.1/26

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10027.5/16

Left Out: 0.318 $\pm$ 0.001 χ^2 /NDF:1092.3/9

Right Out: 0.280 $\pm$ 0.001 χ^2 /NDF: 6059.0/18

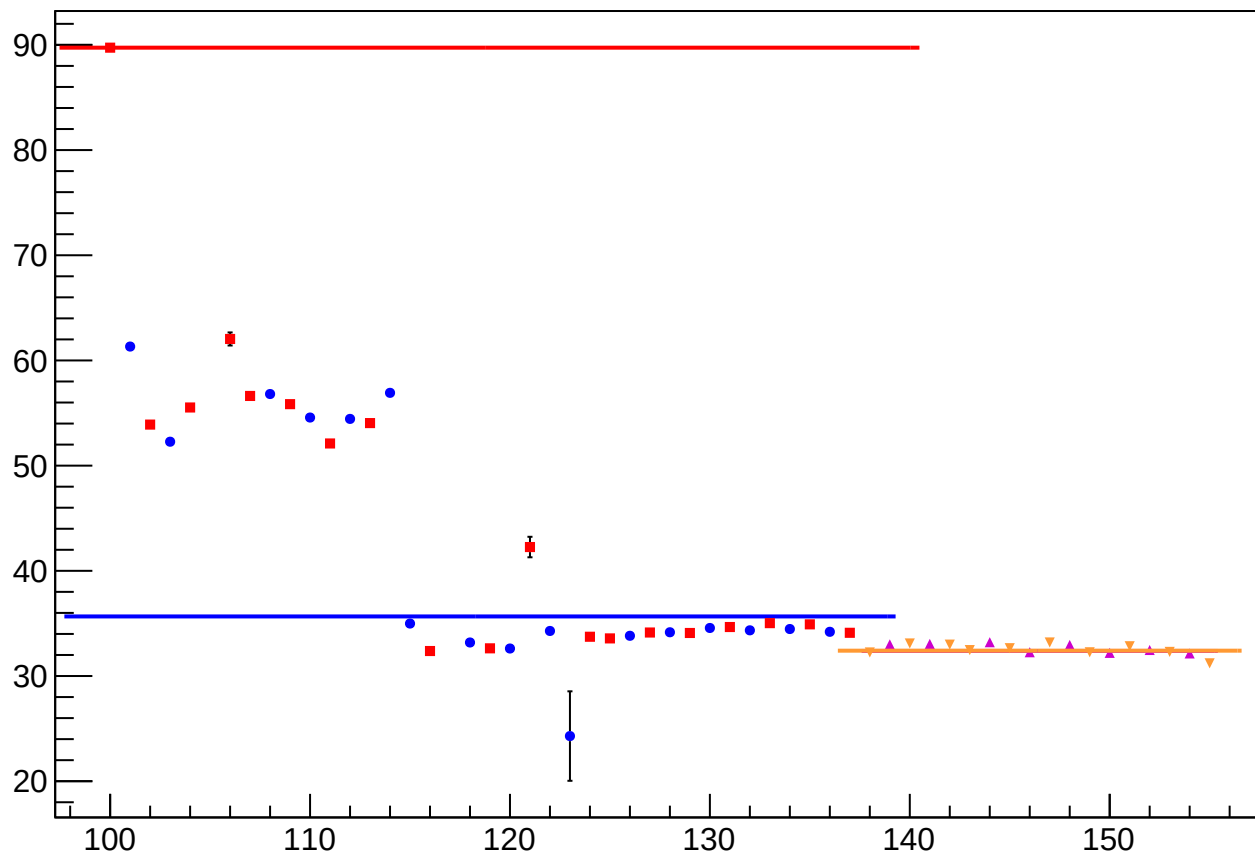
Left In: 0.336 $\pm$ 0.001 χ^2 /NDF:2123.9/7

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 37973.2/26

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 80665.3/53

- sign 0.323 $\pm$ 0.001 χ^2 /NDF: 9272.2/26

dit_sam5_4aY_slope vs Slug



Right In: 35.664 ± 0.011 χ^2/NDF : 218662.5/16

Left Out: 32.409 ± 0.006 χ^2/NDF : 2171.6/9

Right Out: 89.735 ± 0.000 χ^2/NDF : 25801560.6/18

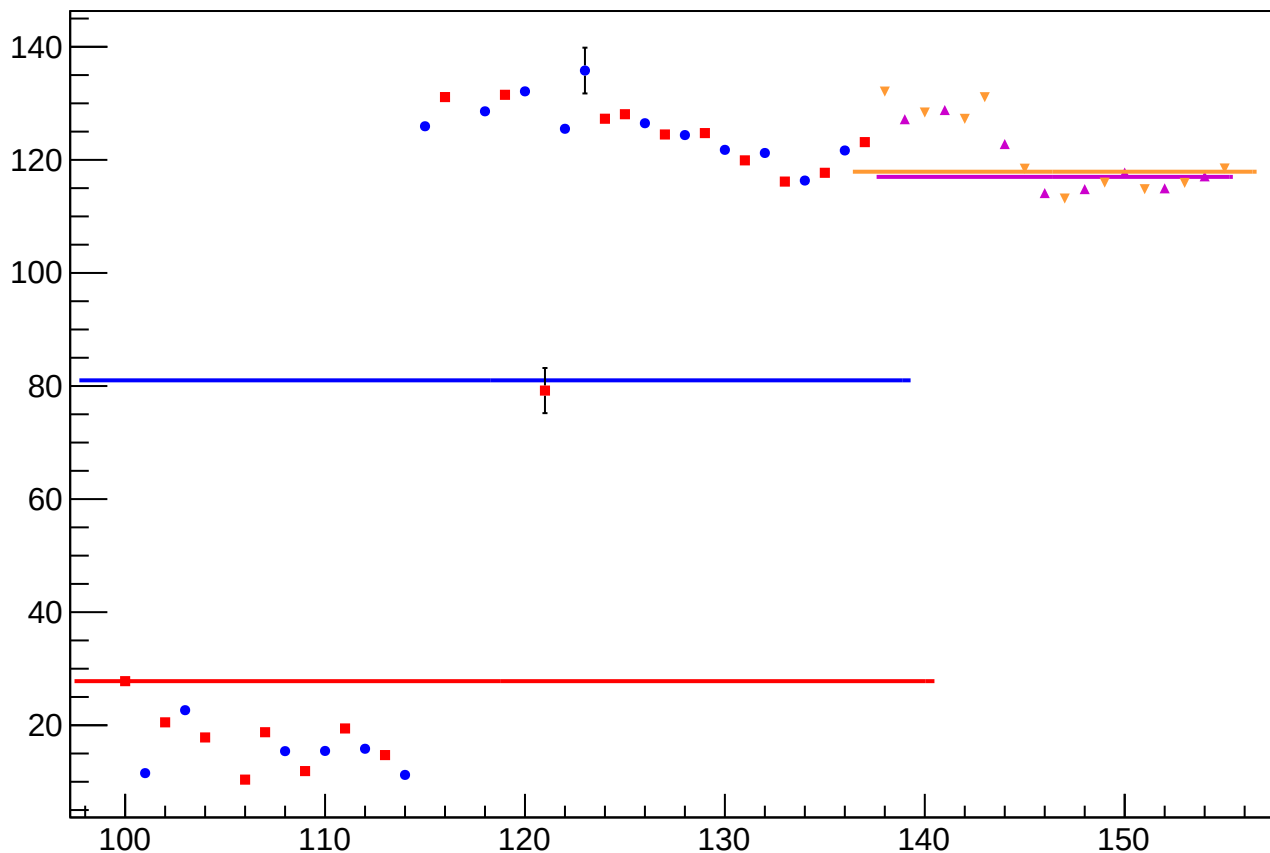
Left In: 32.381 ± 0.006 χ^2/NDF : 3370.3/7

+ sign 33.136 ± 0.005 χ^2/NDF : 284539.7/26

All: 89.735 ± 0.000 χ^2/NDF : 240271086.3/53

- sign 89.735 ± 0.000 χ^2/NDF : 128955468.9/26

dit_sam5_4eY_slope vs Slug



Right In: 81.005 ± 0.035 $\chi^2/\text{NDF}: 2228881.4/16$

Left Out: 117.909 ± 0.014 $\chi^2/\text{NDF}: 127515.2/9$

Right Out: 27.798 ± 0.000 $\chi^2/\text{NDF}: 9183707.8/18$

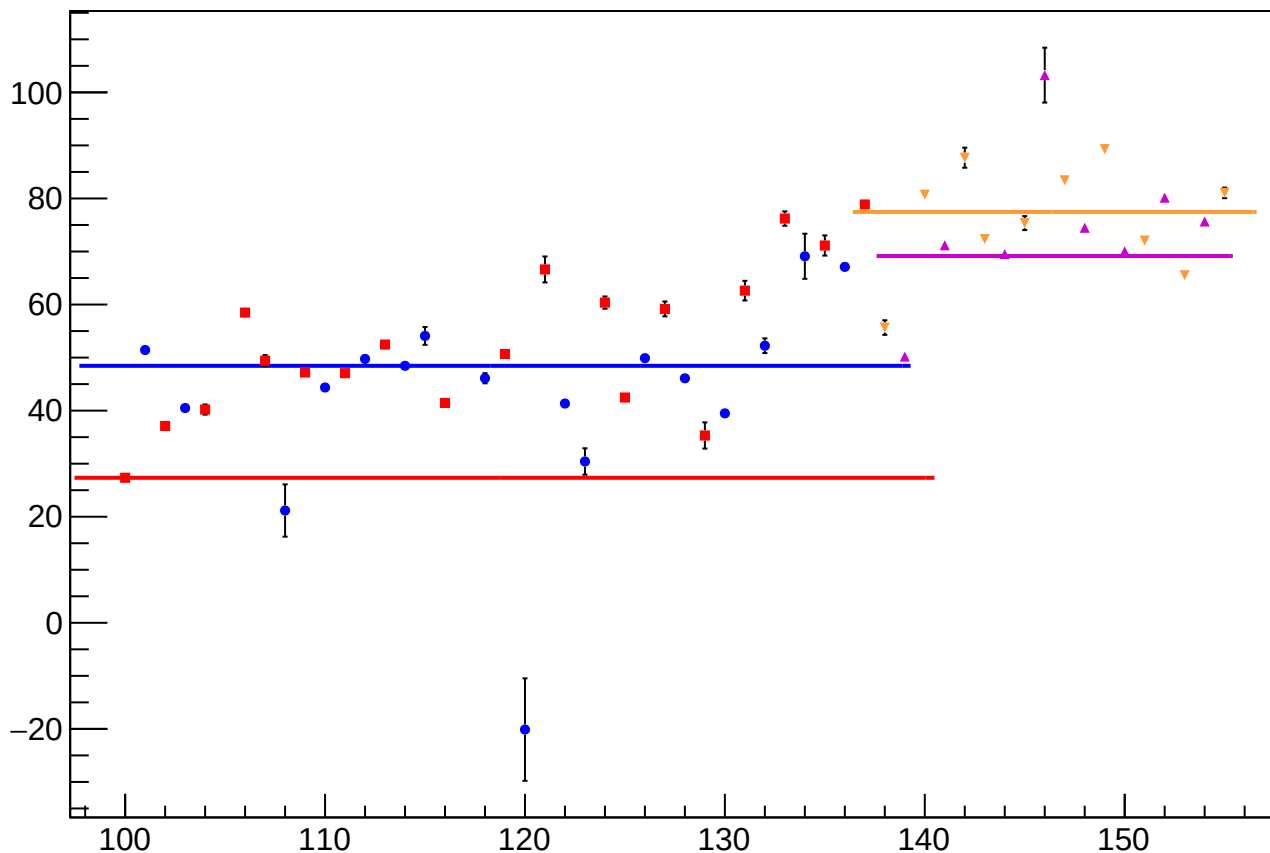
Left In: 116.993 ± 0.012 $\chi^2/\text{NDF}: 37691.2/7$

+ sign 112.640 ± 0.013 $\chi^2/\text{NDF}: 3335416.7/26$

All: 27.798 ± 0.000 $\chi^2/\text{NDF}: 111974856.7/53$

- sign 27.798 ± 0.000 $\chi^2/\text{NDF}: 66357607.1/26$

dit_sam6_4aX_slope vs Slug



Right In: 48.450+/-0.000 χ^2/NDF : 2751.4/16

Left Out: 77.463+/-0.262 χ^2/NDF :1013.3/9

Right Out: 27.342+/-0.000 χ^2/NDF : 25810.4/18

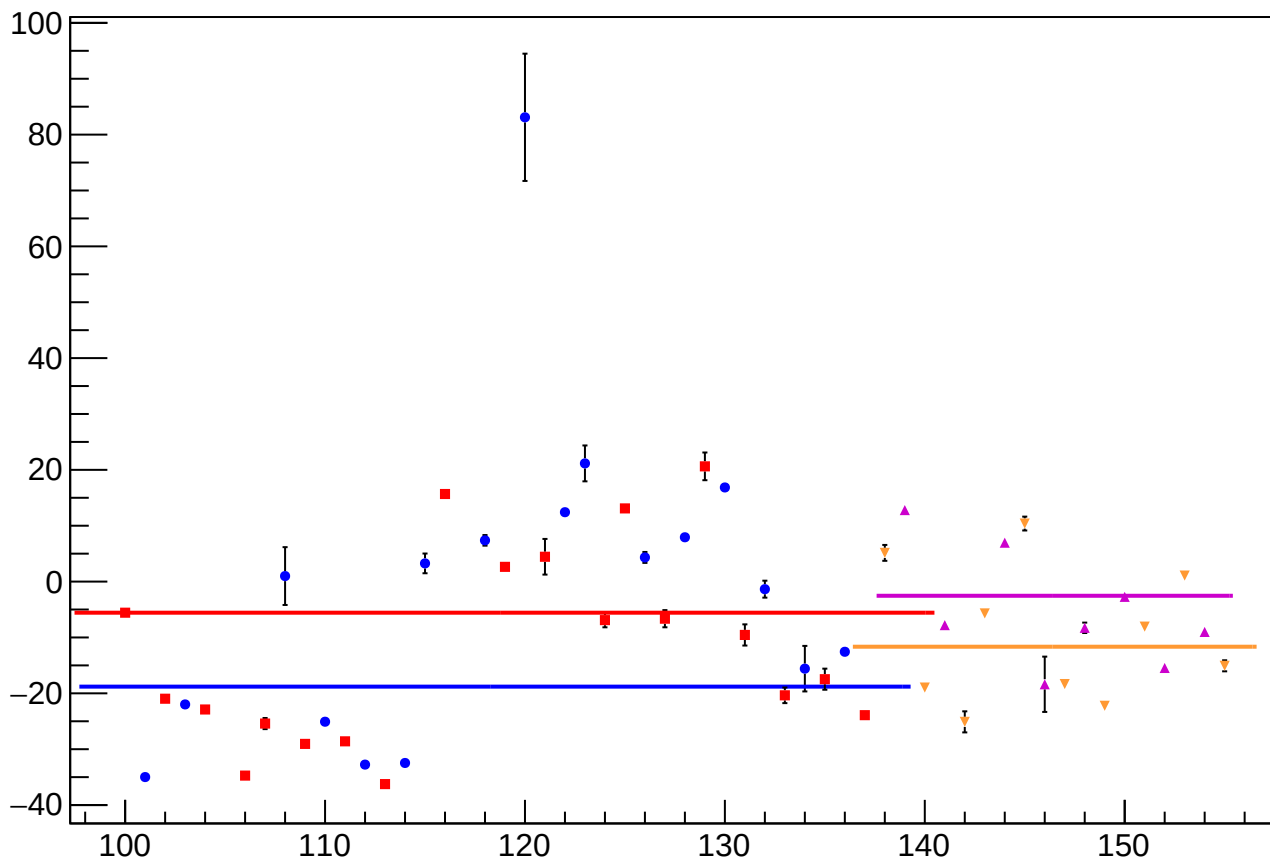
Left In: 69.153+/-0.208 χ^2/NDF :1985.6/7

+ sign 48.450+/-0.000 χ^2/NDF : 16057.6/26

All: 28.365+/-0.000 χ^2/NDF : 102629010488

- sign 27.342+/-0.000 χ^2/NDF : 68028.8/26

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 χ^2/NDF : 11764.7/16

Left Out: -11.656 ± 0.258 χ^2/NDF : 1291.3/9

Right Out: -5.568 ± 0.000 χ^2/NDF : 23097.3/18

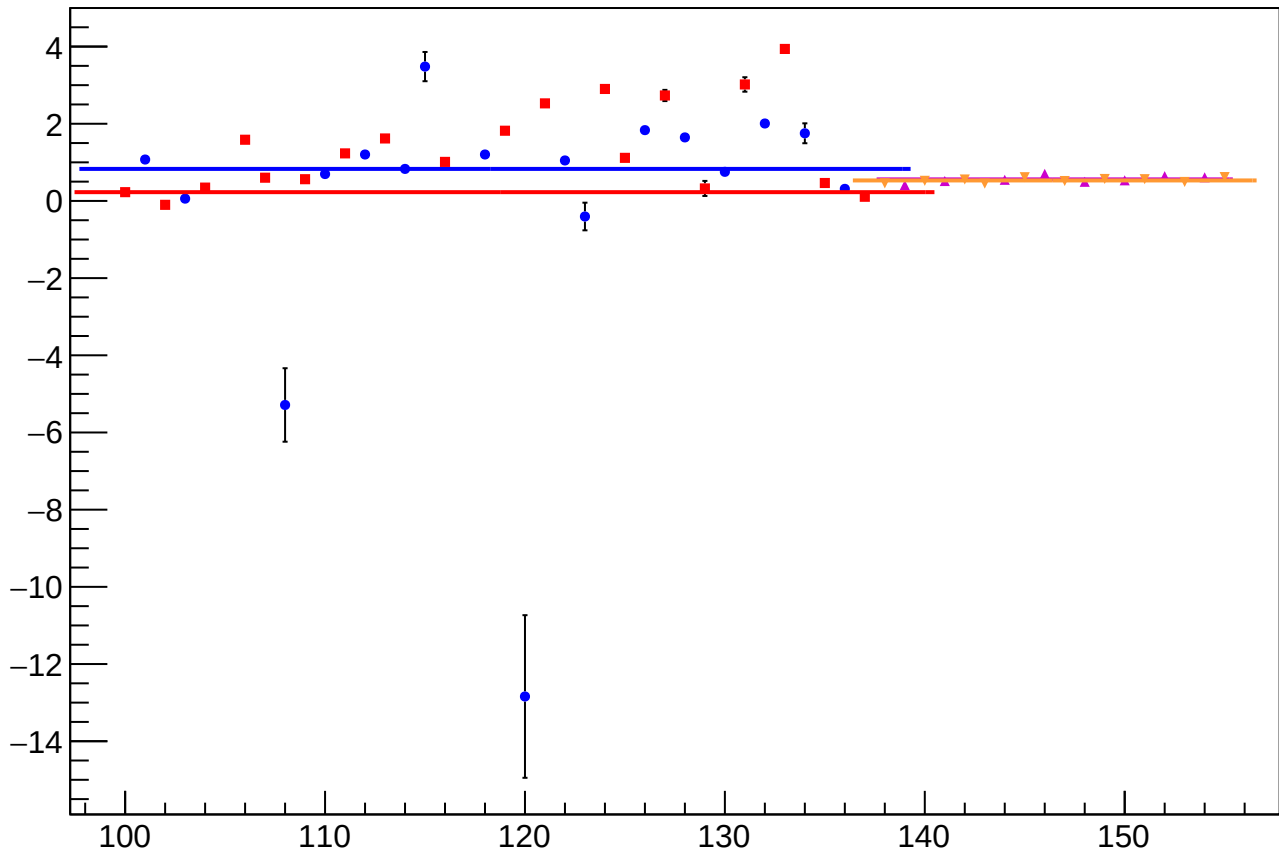
Left In: -2.538 ± 0.205 χ^2/NDF : 1917.0/7

+ sign -17.024 ± 0.129 χ^2/NDF : 13631.9/26

All: -5.568 ± 0.000 χ^2/NDF : 46792.1/53

- sign -5.568 ± 0.000 χ^2/NDF : 25233.0/26

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.531 ± 0.002 χ^2/NDF : 930.2/9

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

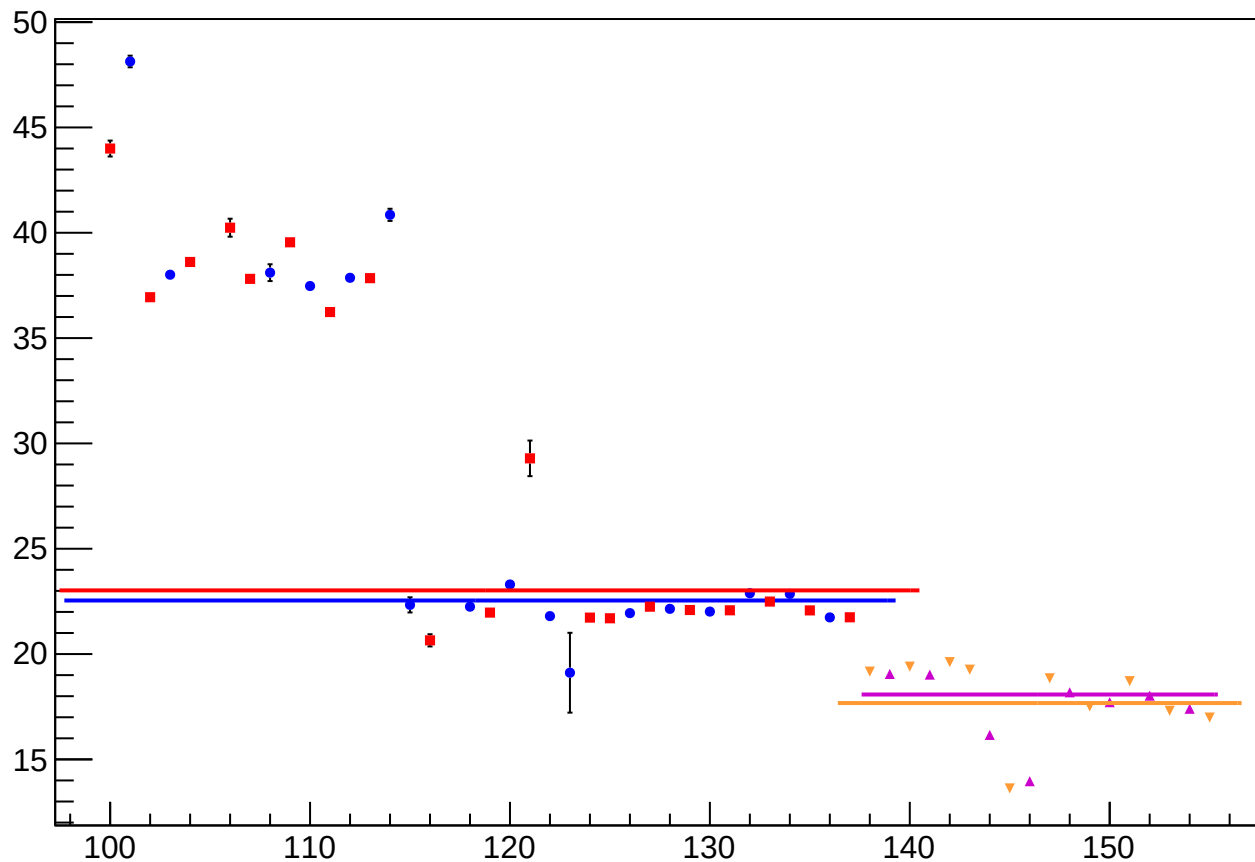
Left In: 0.559 ± 0.002 χ^2/NDF : 1858.4/7

+ sign 0.830 ± 0.000 χ^2/NDF : 47152.7/26

All: 0.289 ± 0.000 χ^2/NDF : 29066082561457

- sign 0.227 ± 0.000 χ^2/NDF : 55654.3/26

dit_sam6_4aY_slope vs Slug



Right In: 22.543+/-0.009 χ^2/NDF : 105452.8/16

Left Out: 17.674+/-0.008 χ^2/NDF : 69188.2/9

Right Out: 23.023+/-0.009 χ^2/NDF : 165838.0/18

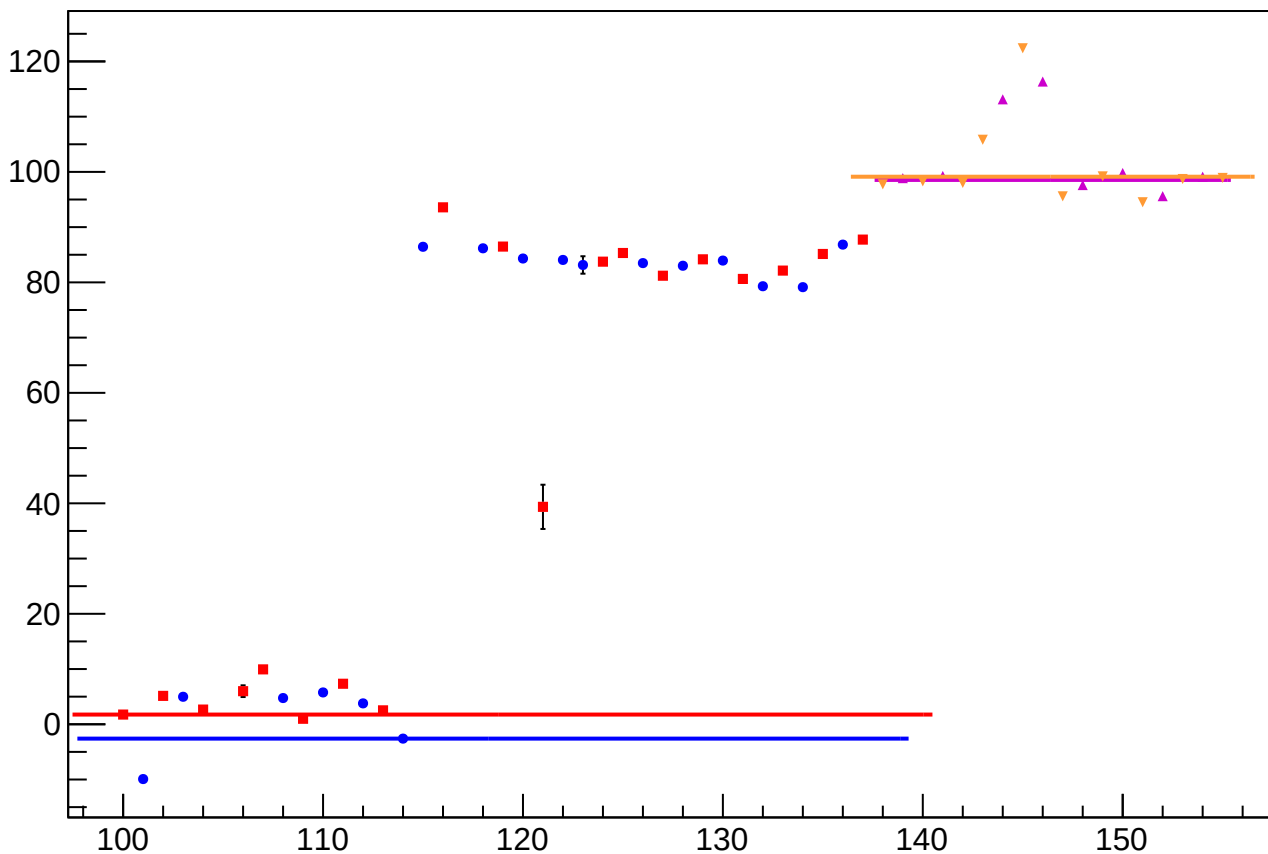
Left In: 18.080+/-0.010 χ^2/NDF : 9809.8/7

+ sign 19.815+/-0.006 χ^2/NDF : 327877.5/26

All: 20.238+/-0.005 χ^2/NDF : 652430.0/53

- sign 20.725+/-0.007 χ^2/NDF : 314441.3/26

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 99.128+/-0.015 χ^2/NDF : 67765.1/9

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

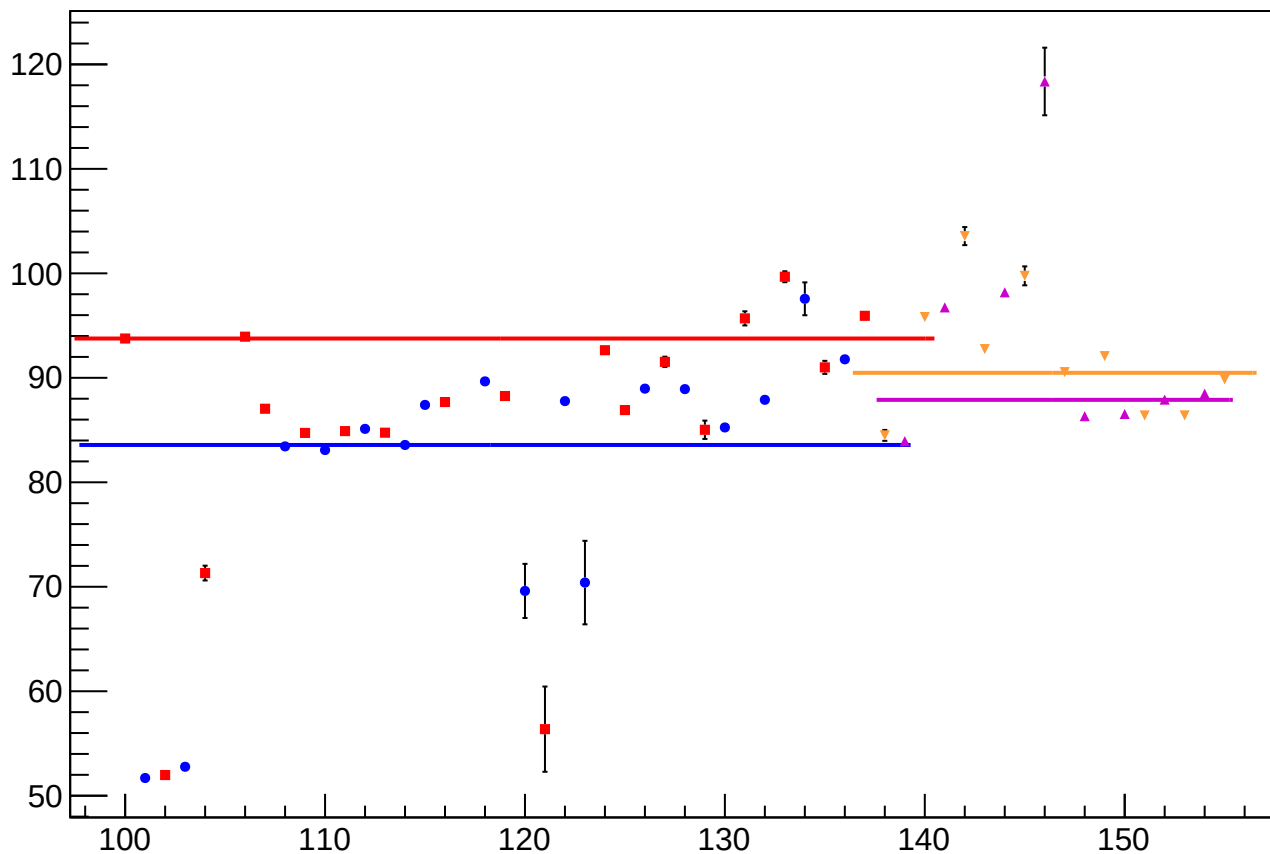
Left In: 98.544+/-0.015 χ^2/NDF : 16113.9/7

+ sign -2.596+/-0.000 χ^2/NDF : 51908120.9/26

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

- sign 1.758+/-0.000 χ^2/NDF : 45984057.8/26

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2/NDF : 49468.0/16

Left Out: 90.479+/-0.104 χ^2/NDF :1359.1/9

Right Out: 93.762+/-0.000 χ^2/NDF : 82848.8/18

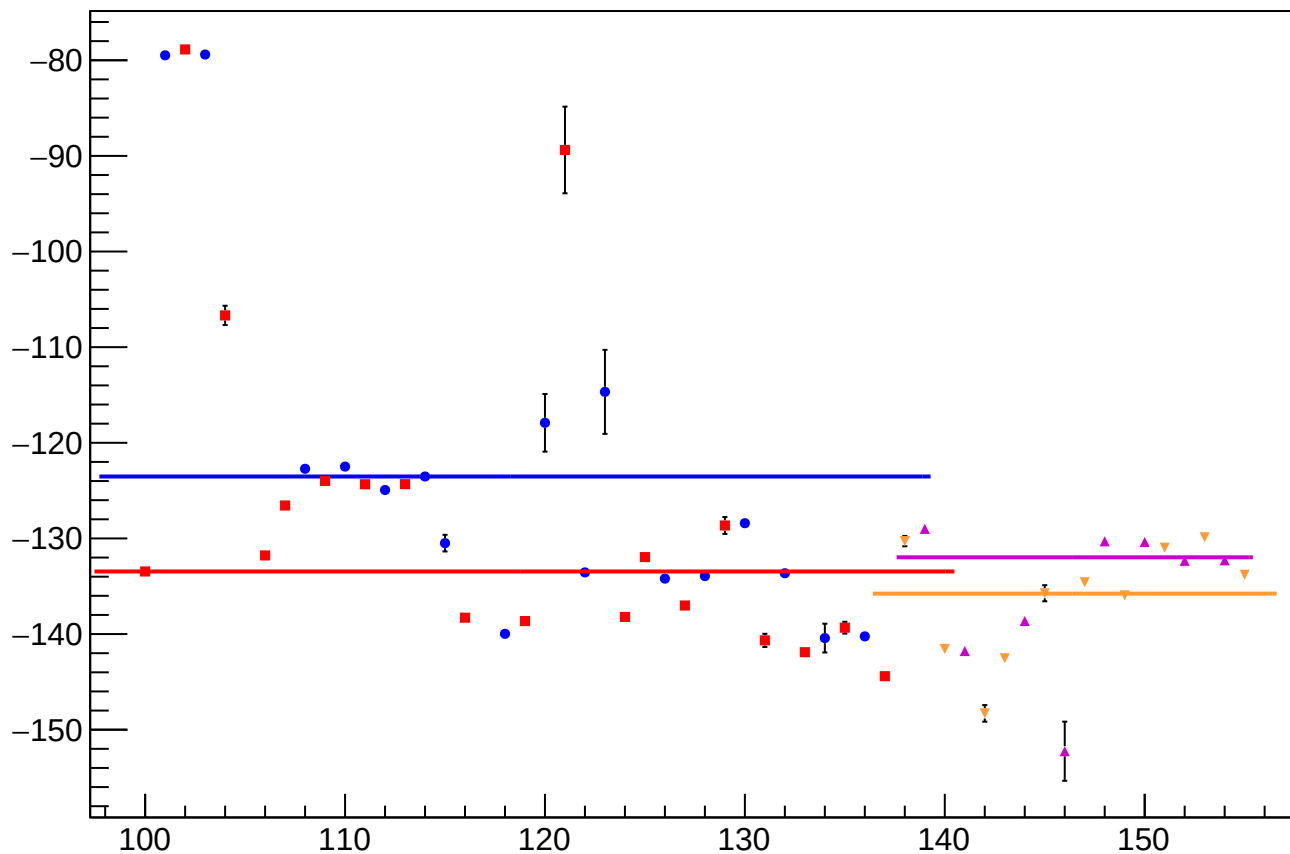
Left In: 87.892+/-0.080 χ^2/NDF :2264.9/7

+ sign 83.573+/-0.000 χ^2/NDF : 55267.3/26

All: 87.169+/-0.000 χ^2/NDF : 1995684404141

- sign 93.762+/-0.000 χ^2/NDF : 90463.5/26

dit_sam7_4eX_slope vs Slug



Right In: -123.524 $\pm$ 0.000 χ^2 /NDF: 160356.5/16

Left Out: -135.773 $\pm$ 0.103 χ^2 /NDF:2241.2/9

Right Out: -133.456 $\pm$ 0.000 χ^2 /NDF: 394896.3/18

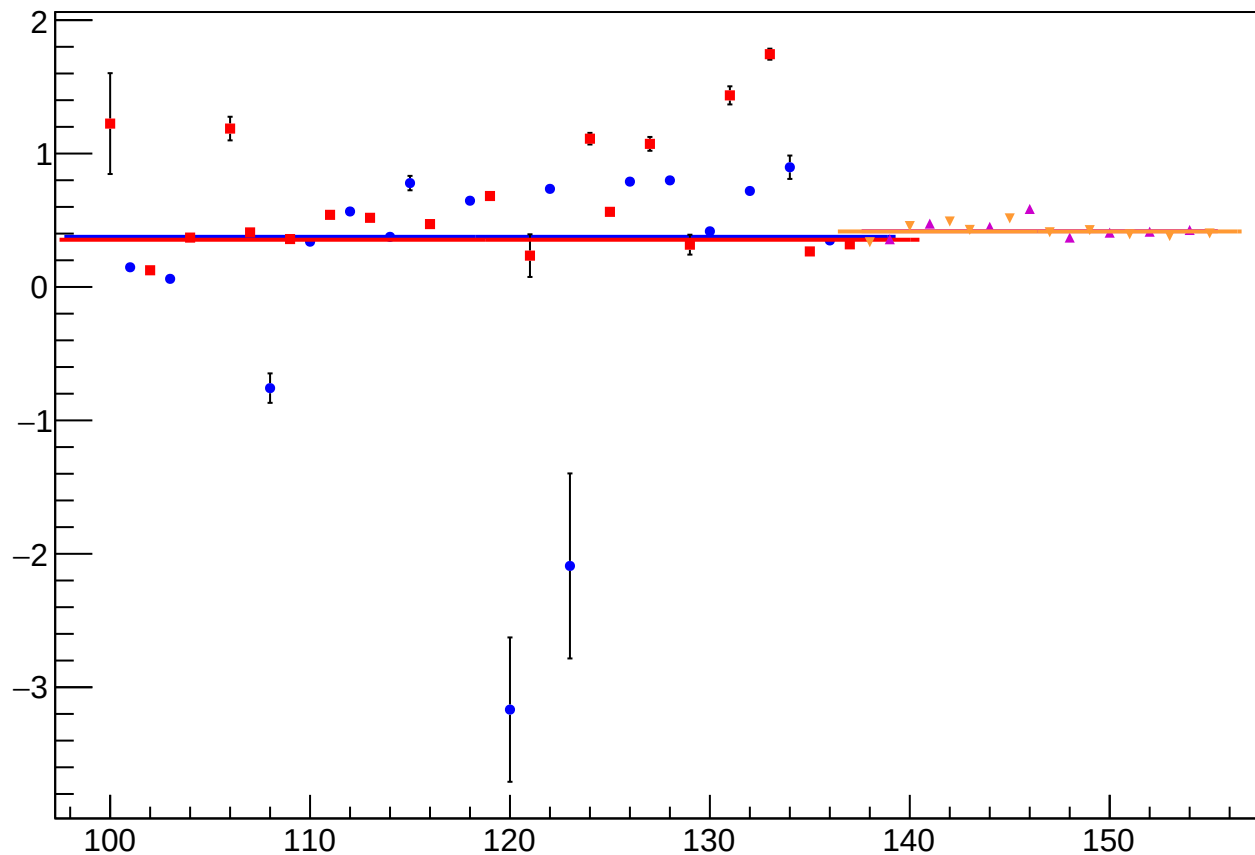
Left In: -131.974 $\pm$ 0.078 χ^2 /NDF:1902.2/7

+ sign -123.524 $\pm$ 0.000 χ^2 /NDF: 176682.2/26

All: -124.716 $\pm$ 0.000 χ^2 /NDF: 64467869901

- sign -133.456 $\pm$ 0.000 χ^2 /NDF: 397157.5/26

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 ± 0.000 χ^2/NDF : 3961.7/16

Left Out: 0.416 ± 0.001 χ^2/NDF : 1010.8/9

Right Out: 0.354 ± 0.002 χ^2/NDF : 4592.7/18

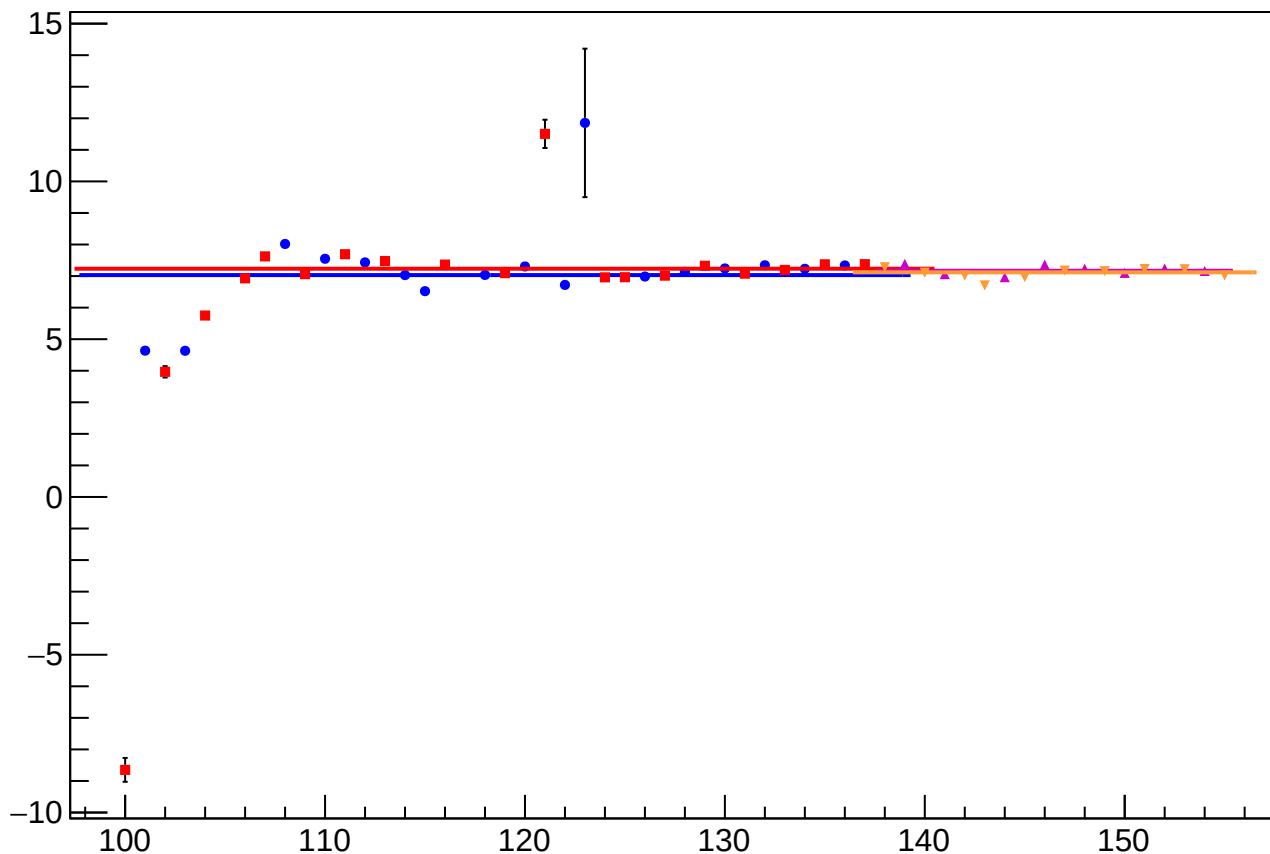
Left In: 0.418 ± 0.001 χ^2/NDF : 2953.6/7

+ sign 0.376 ± 0.000 χ^2/NDF : 7610.4/26

All: 0.376 ± 0.000 χ^2/NDF : 20032.3/53

- sign 0.409 ± 0.001 χ^2/NDF : 9101.1/26

dit_sam7_4aY_slope vs Slug



Right In: 7.032 $\pm$ 0.000 χ^2 /NDF: 19770.1/16

Left Out: 7.118 $\pm$ 0.001 χ^2 /NDF: 14213.6/9

Right Out: 7.233 $\pm$ 0.002 χ^2 /NDF: 10061.8/18

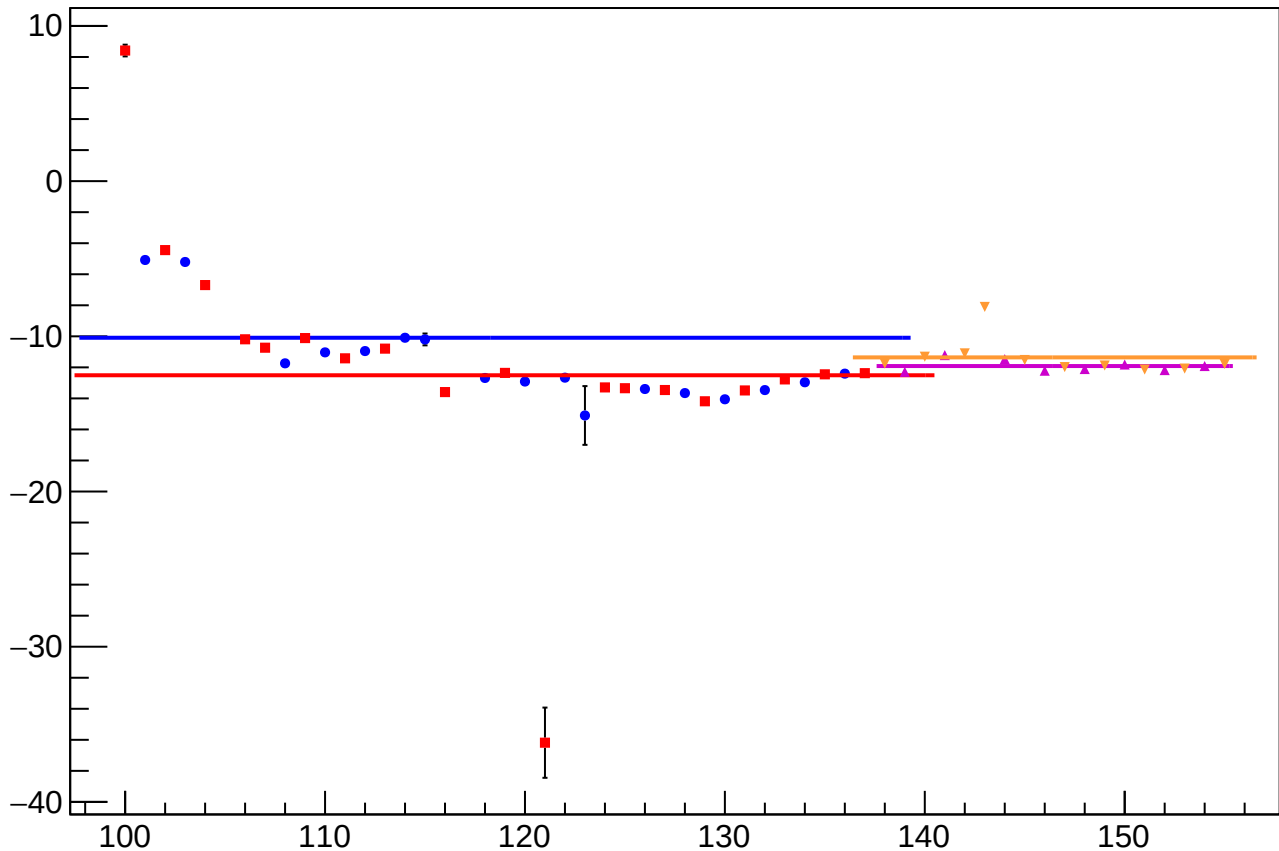
Left In: 7.168 $\pm$ 0.001 χ^2 /NDF: 7316.4/7

+ sign 7.032 $\pm$ 0.000 χ^2 /NDF: 38170.6/26

All: 7.032 $\pm$ 0.000 χ^2 /NDF: 73716.9/53

- sign 7.183 $\pm$ 0.001 χ^2 /NDF: 17950.7/26

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -11.357 ± 0.002 χ^2/NDF : 357523.1/9

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

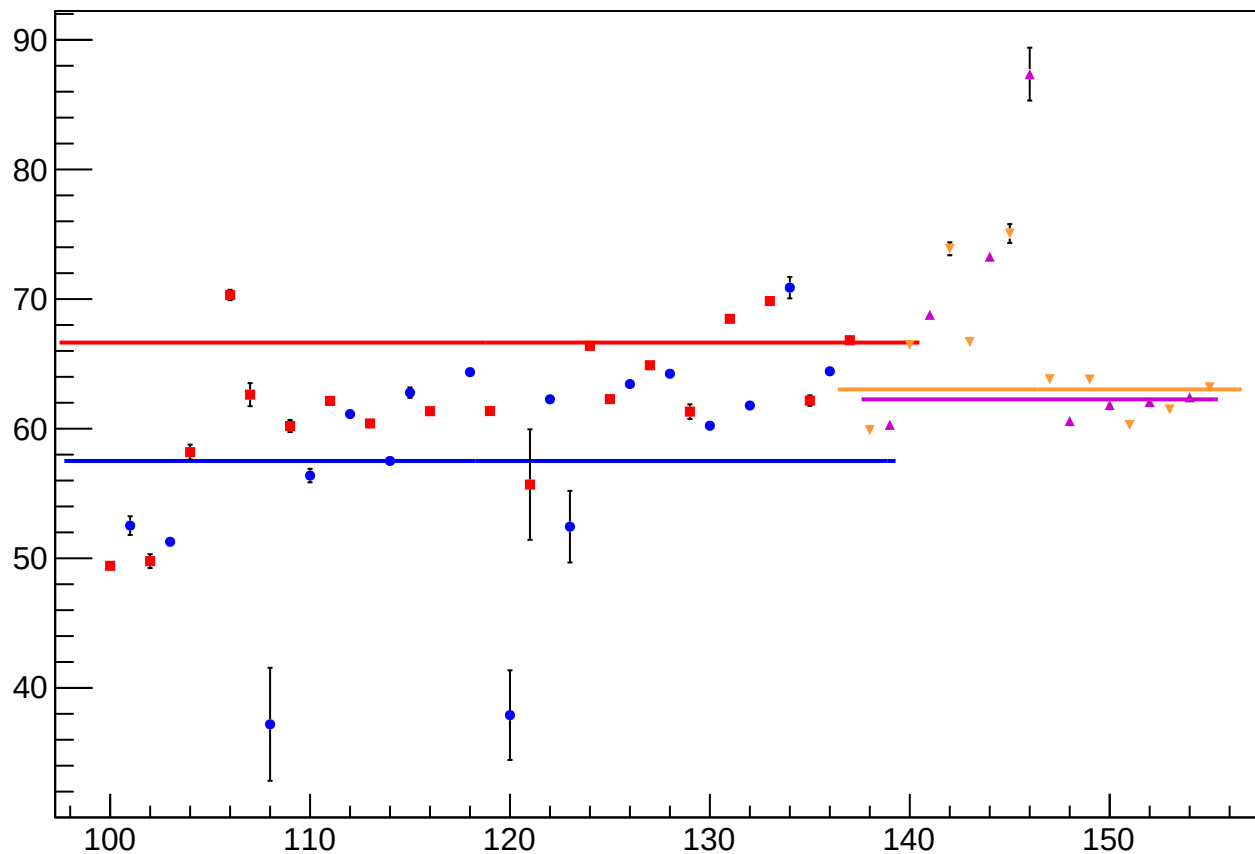
Left In: -11.915 ± 0.003 χ^2/NDF : 9564.8/7

+ sign -10.092 ± 0.000 χ^2/NDF : 1181650.2/26

All: -10.092 ± 0.000 χ^2/NDF : 2110265.4/53

- sign -12.135 ± 0.002 χ^2/NDF : 128859.3/26

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 χ^2/NDF : 8108.6/16

Left Out: 63.030 ± 0.061 χ^2/NDF : 2293.9/9

Right Out: 66.645 ± 0.013 χ^2/NDF : 8163.8/18

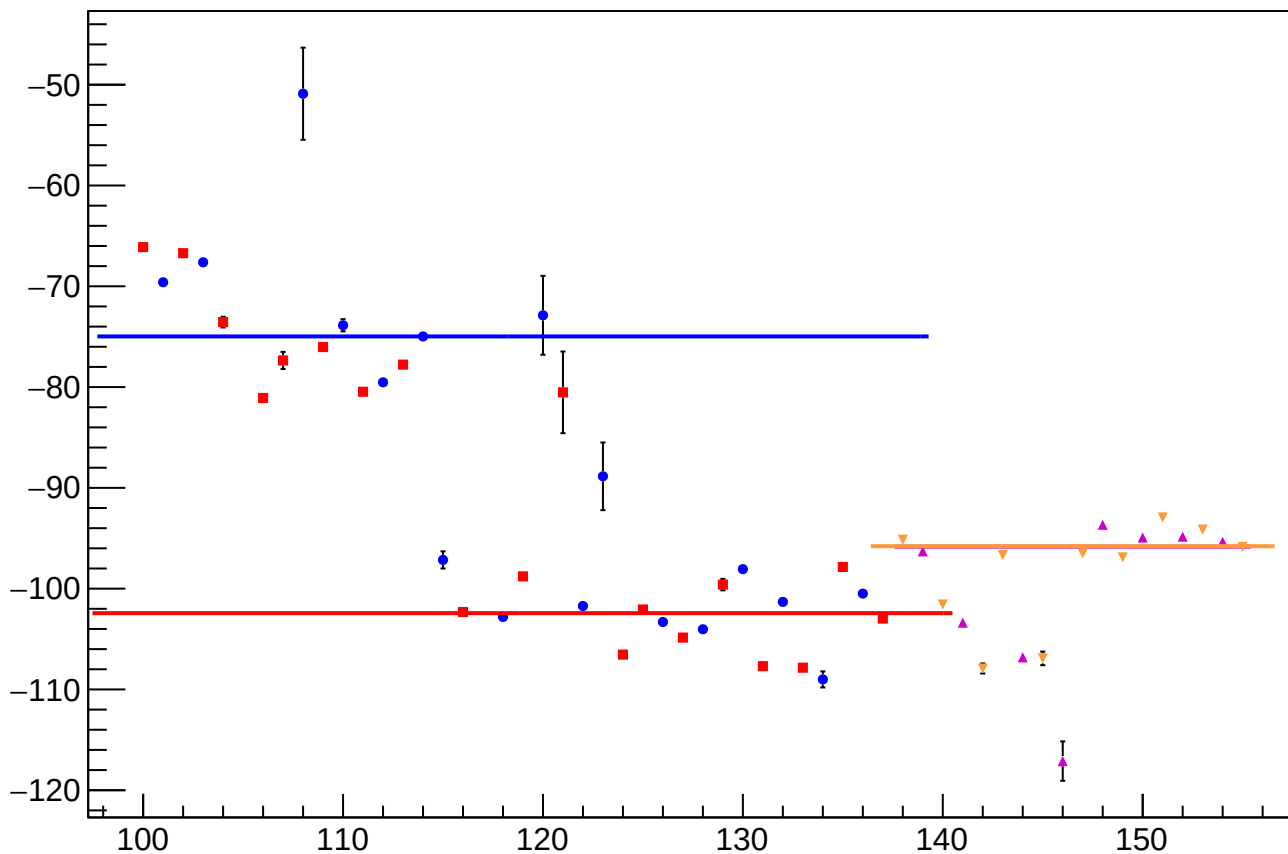
Left In: 62.262 ± 0.049 χ^2/NDF : 2553.8/7

+ sign 57.510 ± 0.000 χ^2/NDF : 18659.8/26

All: 57.510 ± 0.000 χ^2/NDF : 526839.4/53

- sign 66.357 ± 0.013 χ^2/NDF : 18105.5/26

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 $\chi^2/\text{NDF}: 130544.0/16$

Left Out: -95.789 ± 0.061 $\chi^2/\text{NDF}: 2298.6/9$

Right Out: -102.430 ± 0.018 $\chi^2/\text{NDF}: 50377.5/18$

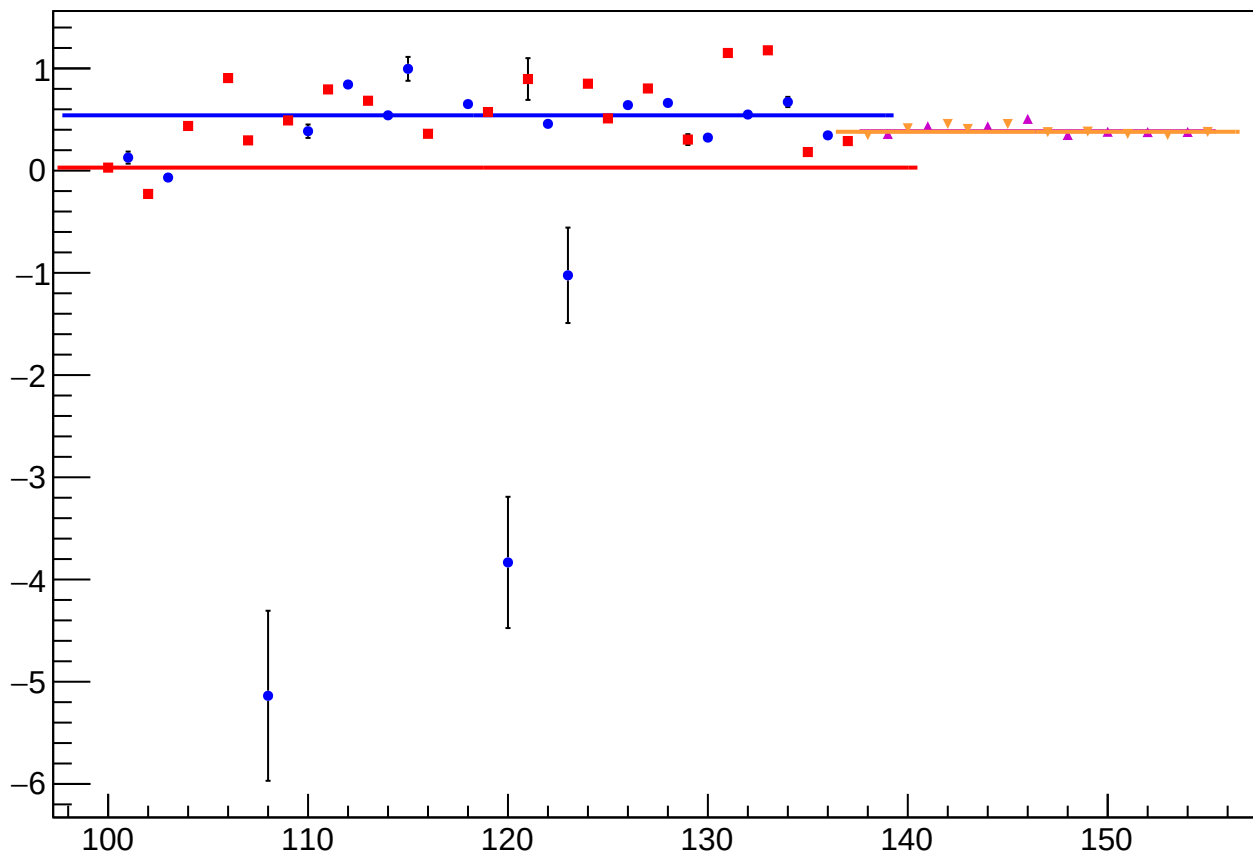
Left In: -95.834 ± 0.050 $\chi^2/\text{NDF}: 2908.3/7$

+ sign -74.974 ± 0.000 $\chi^2/\text{NDF}: 247640.9/26$

All: -74.974 ± 0.000 $\chi^2/\text{NDF}: 2849970.9/53$

- sign -101.689 ± 0.017 $\chi^2/\text{NDF}: 68684.1/26$

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 29180.5/16

Left Out: 0.380 $\pm$ 0.001 χ^2 /NDF:1313.4/9

Right Out: 0.030 $\pm$ 0.000 χ^2 /NDF: 121659.5/18

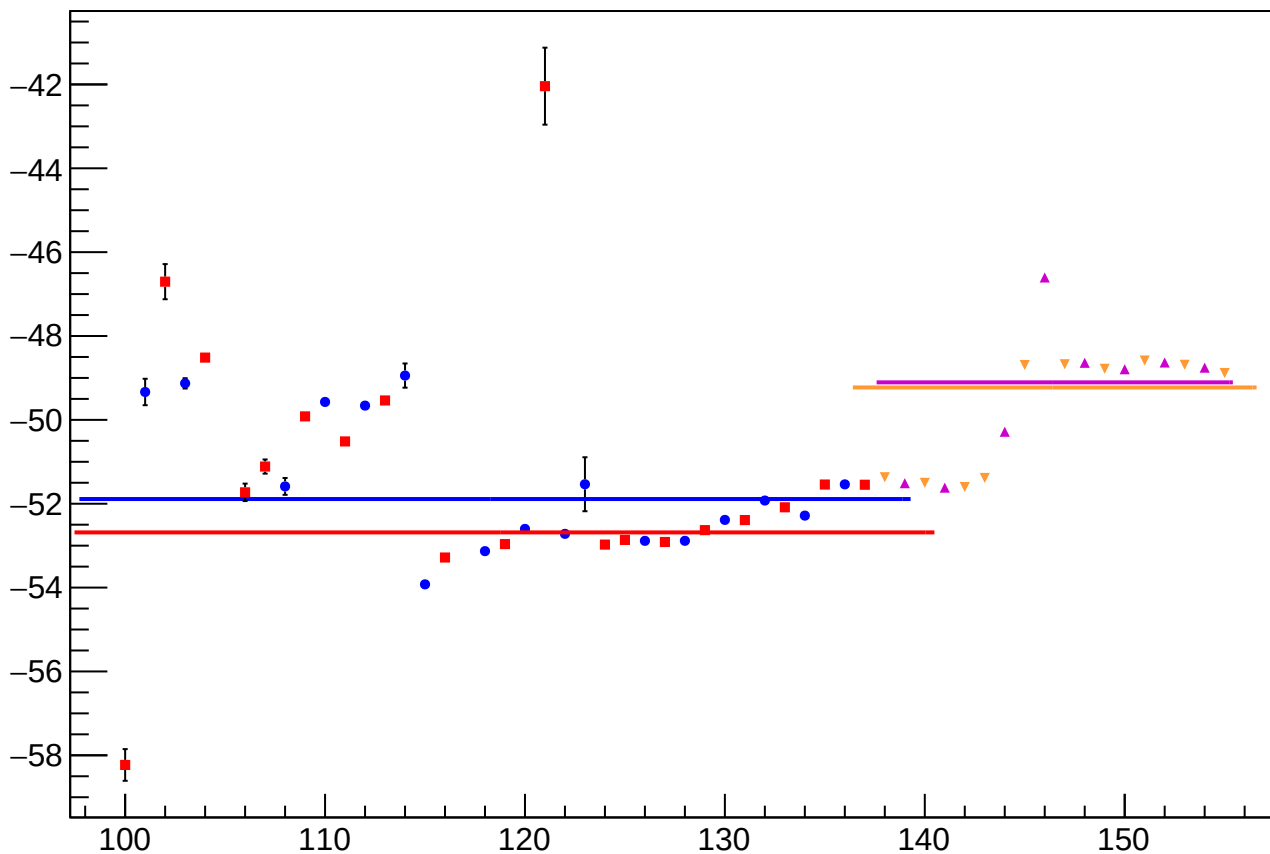
Left In: 0.386 $\pm$ 0.000 χ^2 /NDF:2489.9/7

+ sign 0.541 $\pm$ 0.000 χ^2 /NDF: 104706.1/26

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963

- sign 0.030 $\pm$ 0.000 χ^2 /NDF: 722253.1/26

dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 $\chi^2/\text{NDF}: 77585.2/16$

Left Out: -49.227 ± 0.002 $\chi^2/\text{NDF}: 313764.5/9$

Right Out: -52.684 ± 0.003 $\chi^2/\text{NDF}: 56125.8/18$

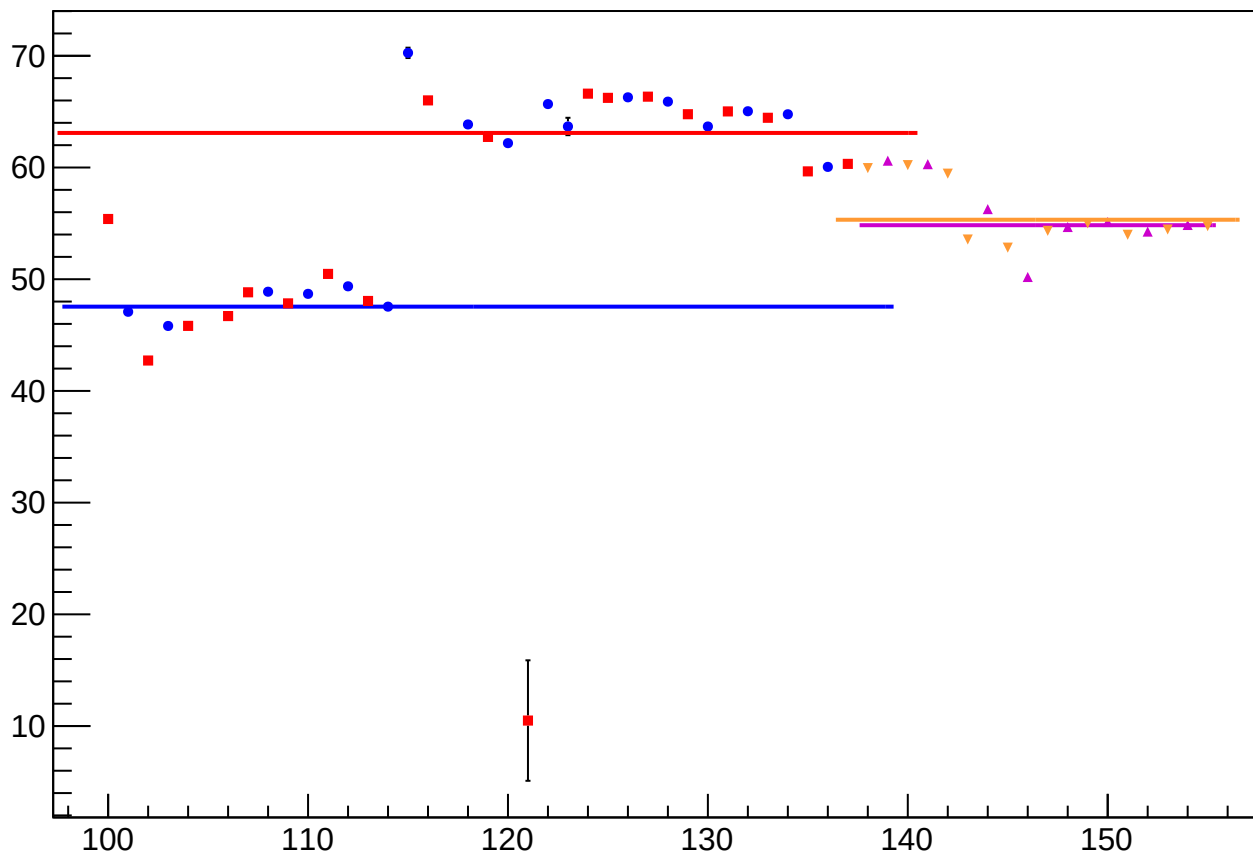
Left In: -49.106 ± 0.001 $\chi^2/\text{NDF}: 485831.0/7$

+ sign -50.351 ± 0.001 $\chi^2/\text{NDF}: 1215085.1/26$

All: -50.141 ± 0.001 $\chi^2/\text{NDF}: 3270349.0/53$

- sign -49.981 ± 0.001 $\chi^2/\text{NDF}: 2018241.0/26$

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 55.325 $\pm$ 0.004 χ^2 /NDF: 220660.7/9

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

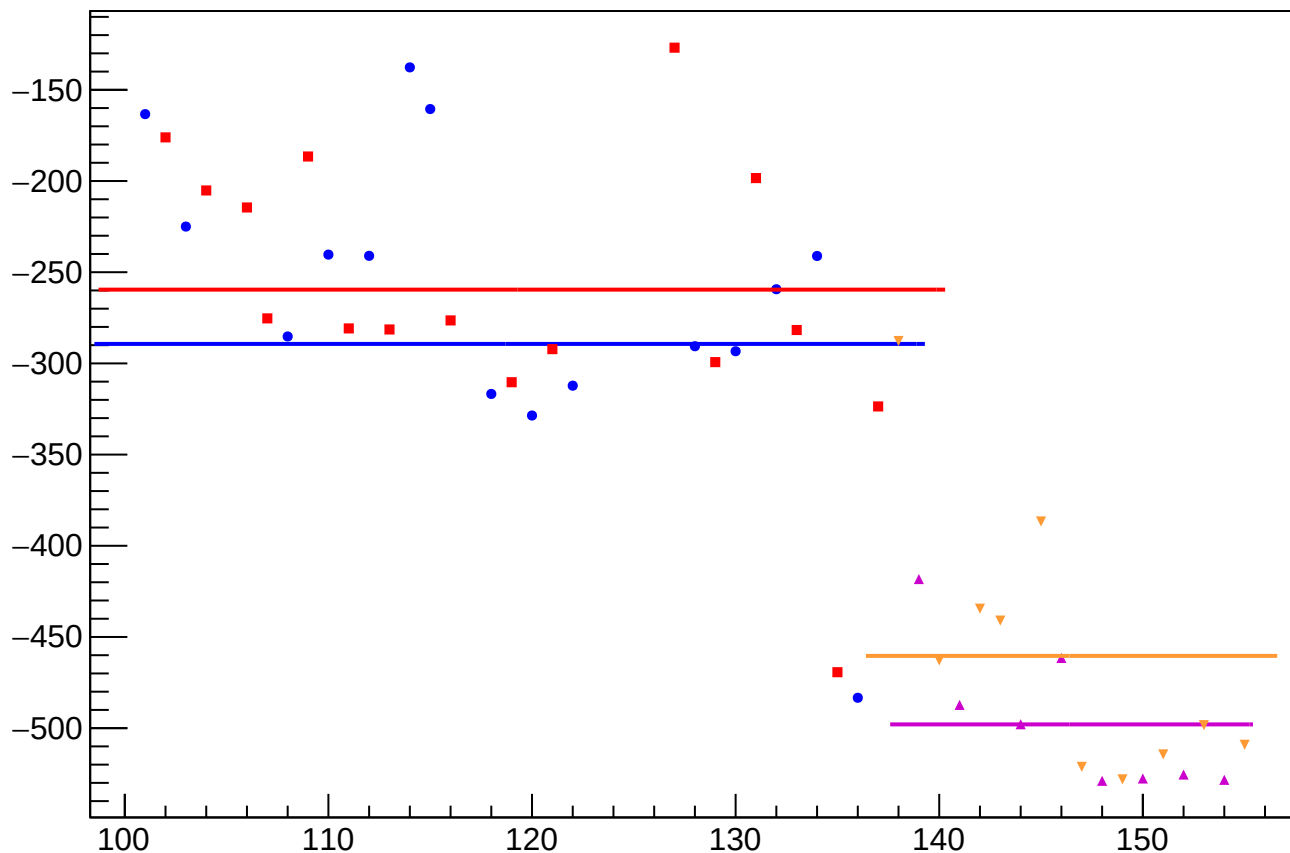
Left In: 54.836 $\pm$ 0.003 χ^2 /NDF: 74274.4/7

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 6823675.0/26

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 16106729.3/53

- sign 56.266 $\pm$ 0.003 χ^2 /NDF: 1417984.8/26

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -460.367+/-0.000 χ^2/NDF : 4032406448787731952074810536511930368.0/9

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

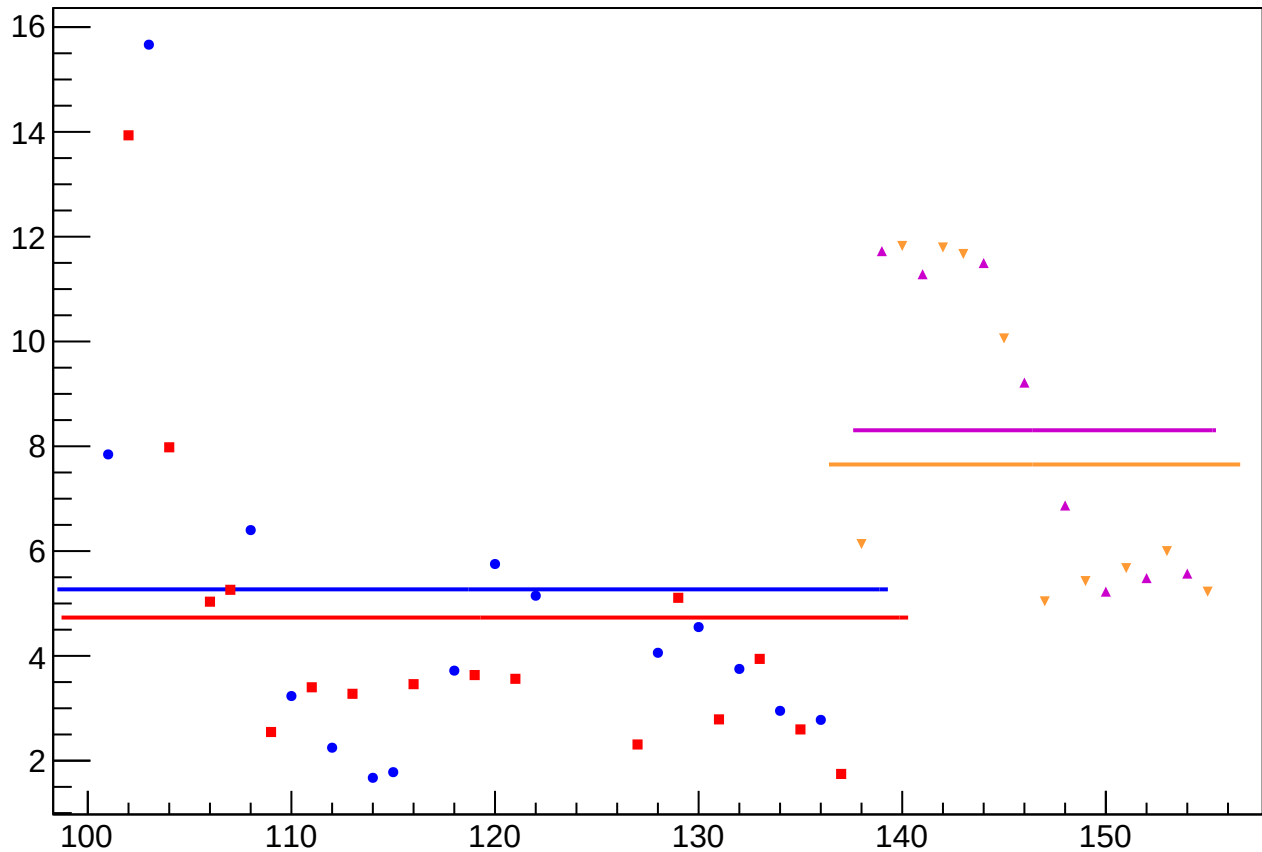
Left In: -497.934+/-0.000 χ^2/NDF : 942701976231812465500084486119882752.0/7

+ sign -381.470+/-0.000 χ^2/NDF : 19631244628659

All: -381.082+/-0.000 χ^2/NDF : 44132255883

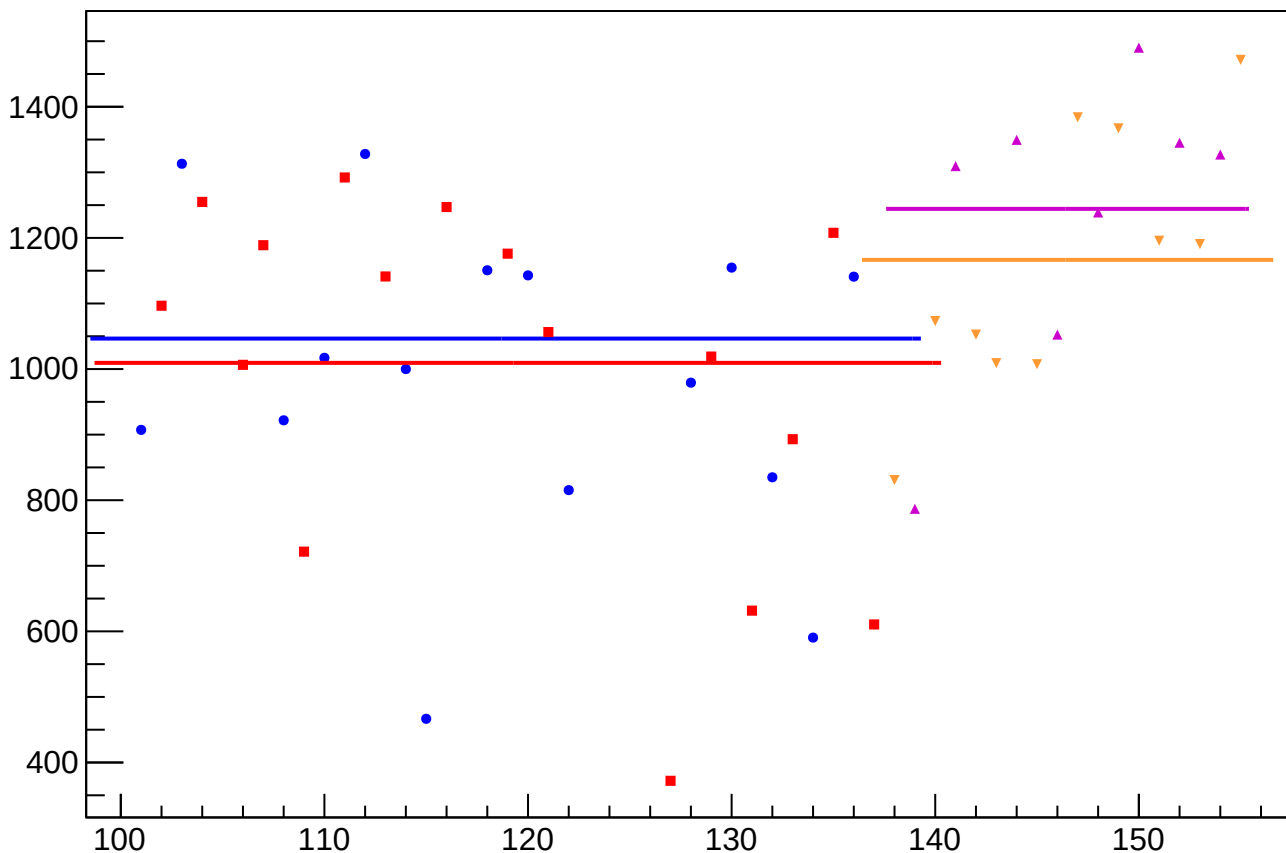
- sign -380.679+/-0.000 χ^2/NDF : 245005796439968

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270 ± 0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14
 Left Out: 7.653 ± 0.000 χ^2/NDF : 5898091852941632691373730324021248.0/9
 Right Out: 4.732 ± 0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15
 Left In: 8.306 ± 0.000 χ^2/NDF : 5070071352571646229456458071670784.0/7

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

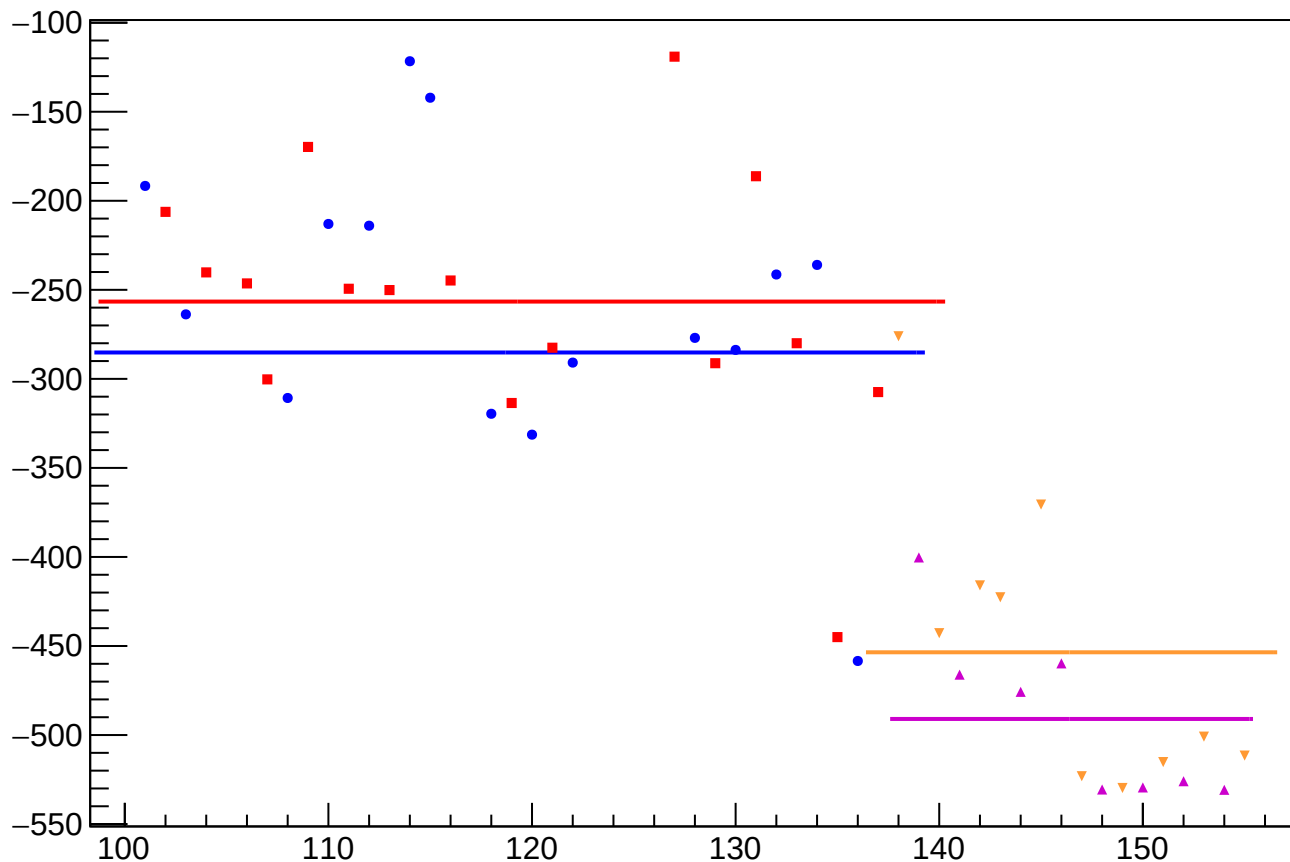
Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

All: 1119.798+/-0.000 χ^2/NDF : 15020076133

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

+ sign -375.882+/-0.000 χ^2/NDF : 19158803681597

Left Out: -453.536+/-0.000 χ^2/NDF : 4769988693464344377976070138056671232.0/9

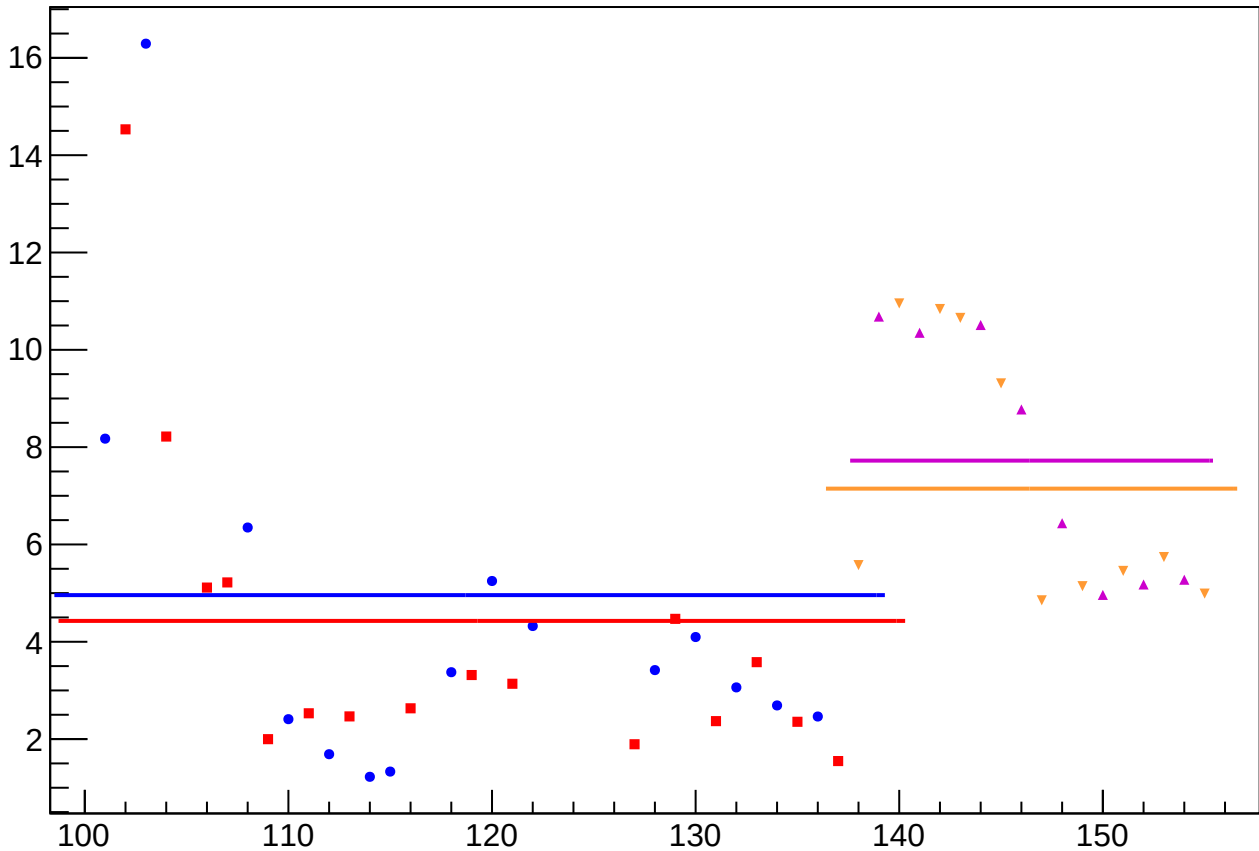
All: -375.786+/-0.000 χ^2/NDF : 42757573233

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

- sign -375.687+/-0.000 χ^2/NDF : 235987431446826

Left In: -490.971+/-0.000 χ^2/NDF : 1333982633975133925774990539640274944.0/7

dit_4eX_coil1_err_mean vs Slug



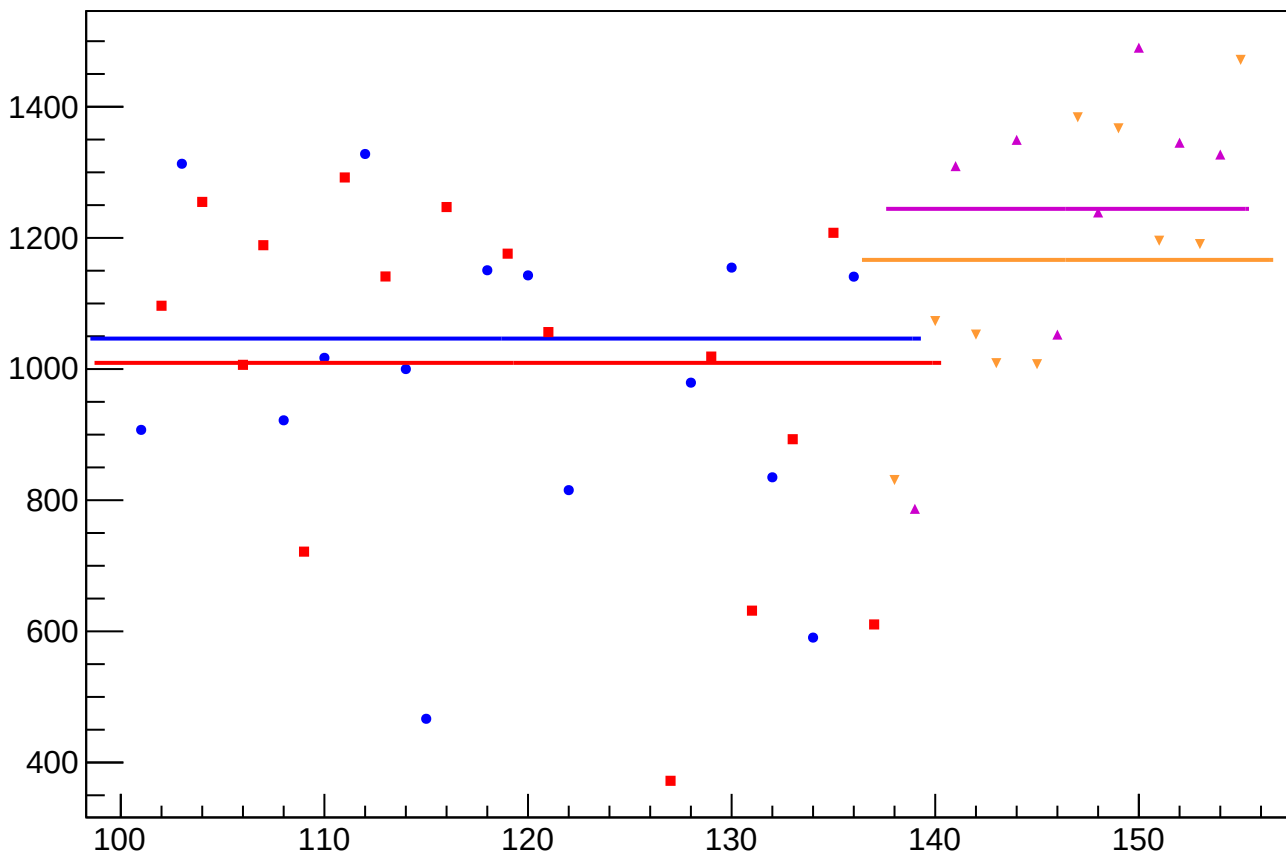
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 7.147+/-0.000 χ^2/NDF : 4720436528507582518437180193374208.0/9

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

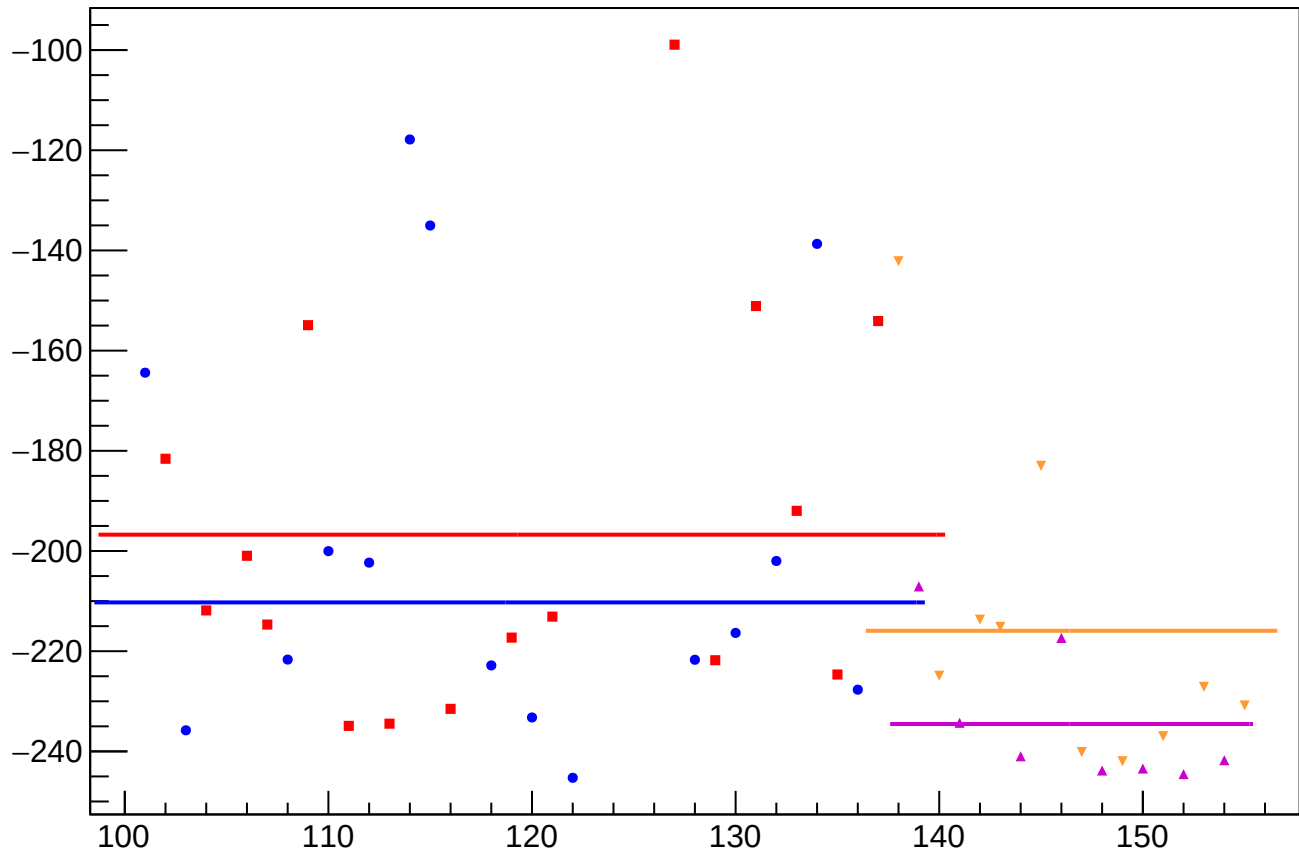
Left In: 7.723+/-0.000 χ^2/NDF : 4008742727185929540967662352334848.0/7

dit_4eX_coil1_Ndata_mean vs Slug



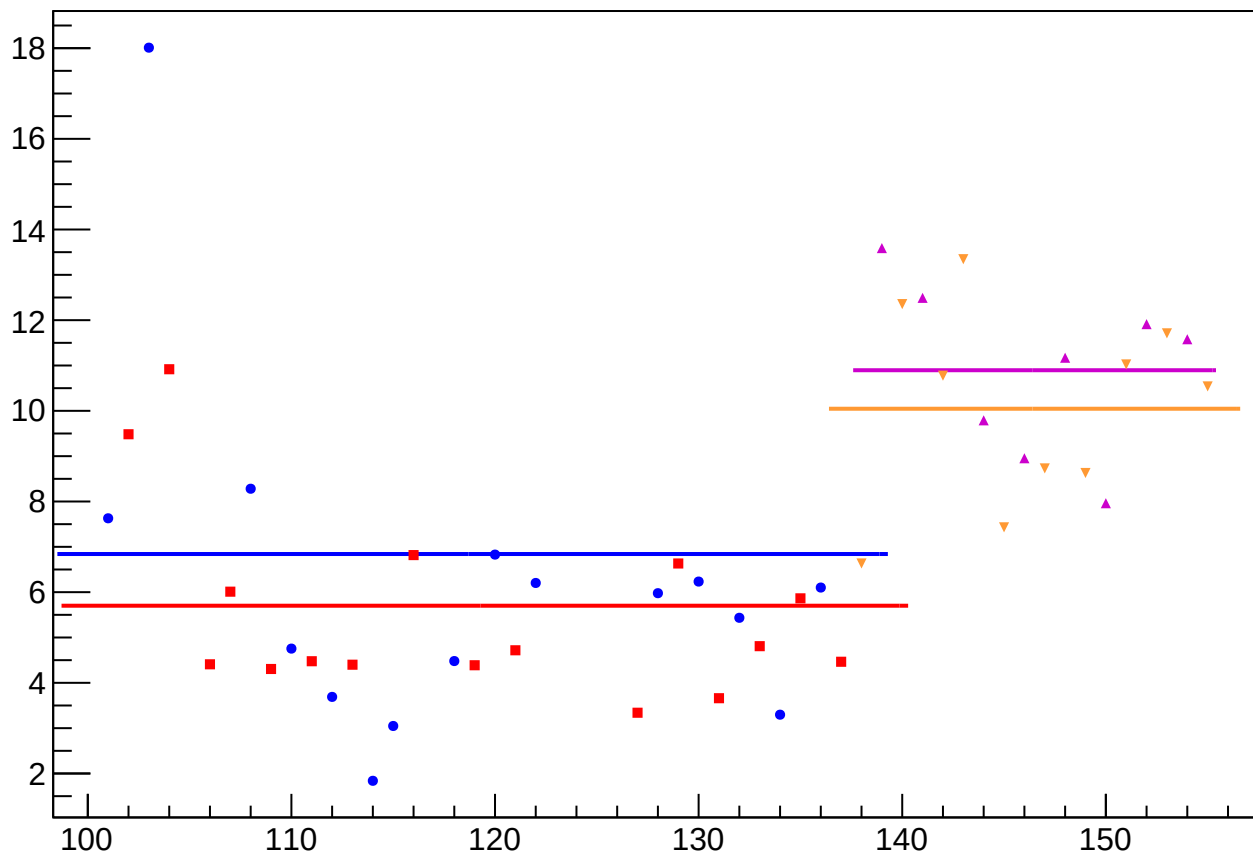
Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1111.134+/-0.000	χ^2/NDF : 58342365270188
Left Out: 1166.483+/-0.000	χ^2/NDF : 28441538354144246944996838385622450176.0/9	All: 1119.798+/-0.000	χ^2/NDF : 15020076133
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1128.788+/-0.000	χ^2/NDF : 91643187215932
Left In: 1244.321+/-0.000	χ^2/NDF : 28343886144136596546146079788396183552.0/7		

dit_11X12X_coil1_mean vs Slug



Right In: -210.261+/-0.000	χ^2/NDF : 567711076568068409192467700494893056.0/14	+ sign -213.313+/-0.000	χ^2/NDF : 12632330573402
Left Out: -215.926+/-0.000	χ^2/NDF : 684305154500705882441040016560881664.0/9	All: -214.603+/-0.000	χ^2/NDF : 27789033151
Right Out: -196.736+/-0.000	χ^2/NDF : 909588895093044840633640514790359040.0/15	- sign -215.943+/-0.000	χ^2/NDF : 151089514389450
Left In: -234.535+/-0.000	χ^2/NDF : 117083523056581268688710910447976448.0/7		

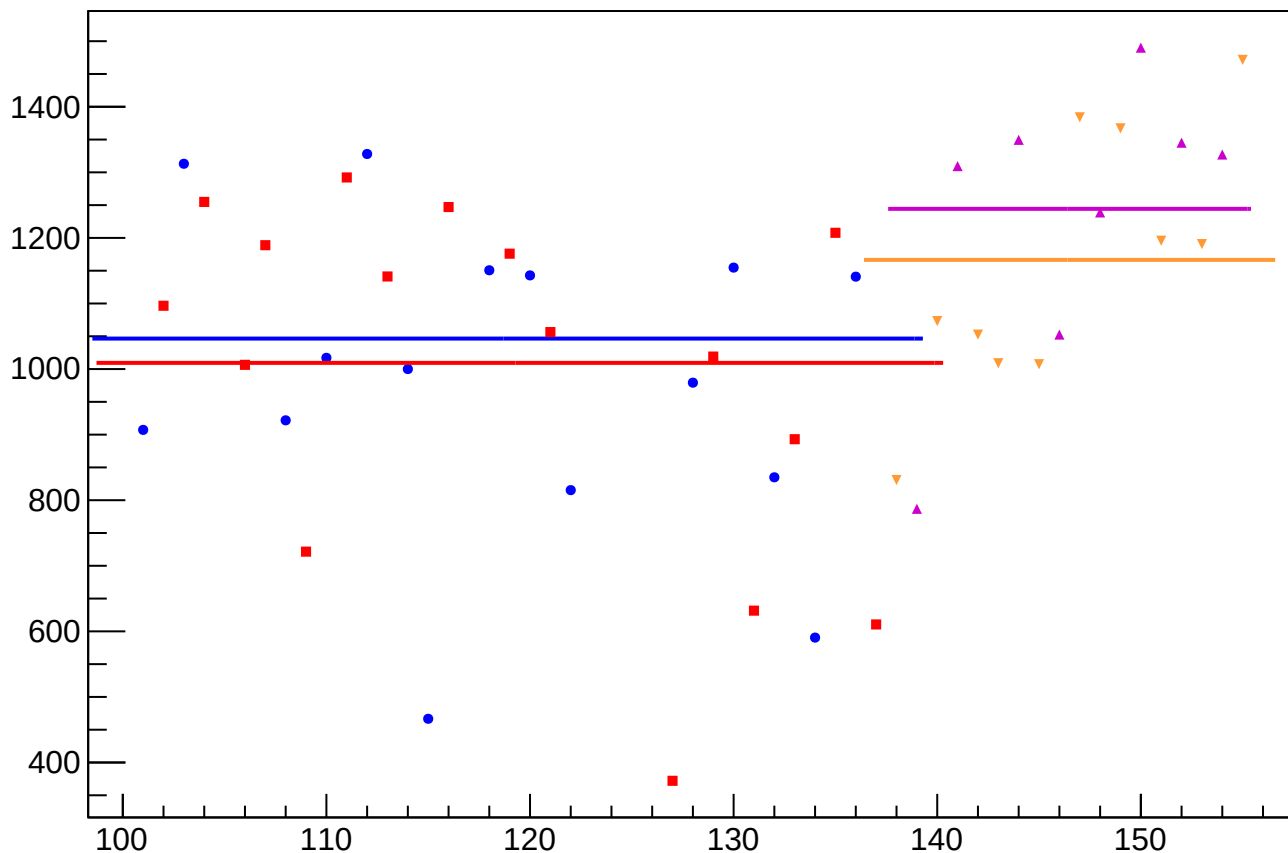
dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842 ± 0.000	$\chi^2/\text{NDF}: 9355934166823324467316647620771840.0/14$
Left Out: 10.046 ± 0.000	$\chi^2/\text{NDF}: 3285324893157096601183684466311168.0/9$
Right Out: 5.701 ± 0.000	$\chi^2/\text{NDF}: 3174693398300953393137731791486976.0/15$
Left In: 10.896 ± 0.000	$\chi^2/\text{NDF}: 2147505840487404806533133667139584.0/7$

$+ \text{sign } 8.568 \pm 0.000 \quad \chi^2/\text{NDF}: 16232358389076530$
 $\text{All: } 8.456 \pm 0.000 \quad \chi^2/\text{NDF}: 30735675584908$
 $- \text{sign } 8.341 \pm 0.000 \quad \chi^2/\text{NDF}: 14467587253220838$

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

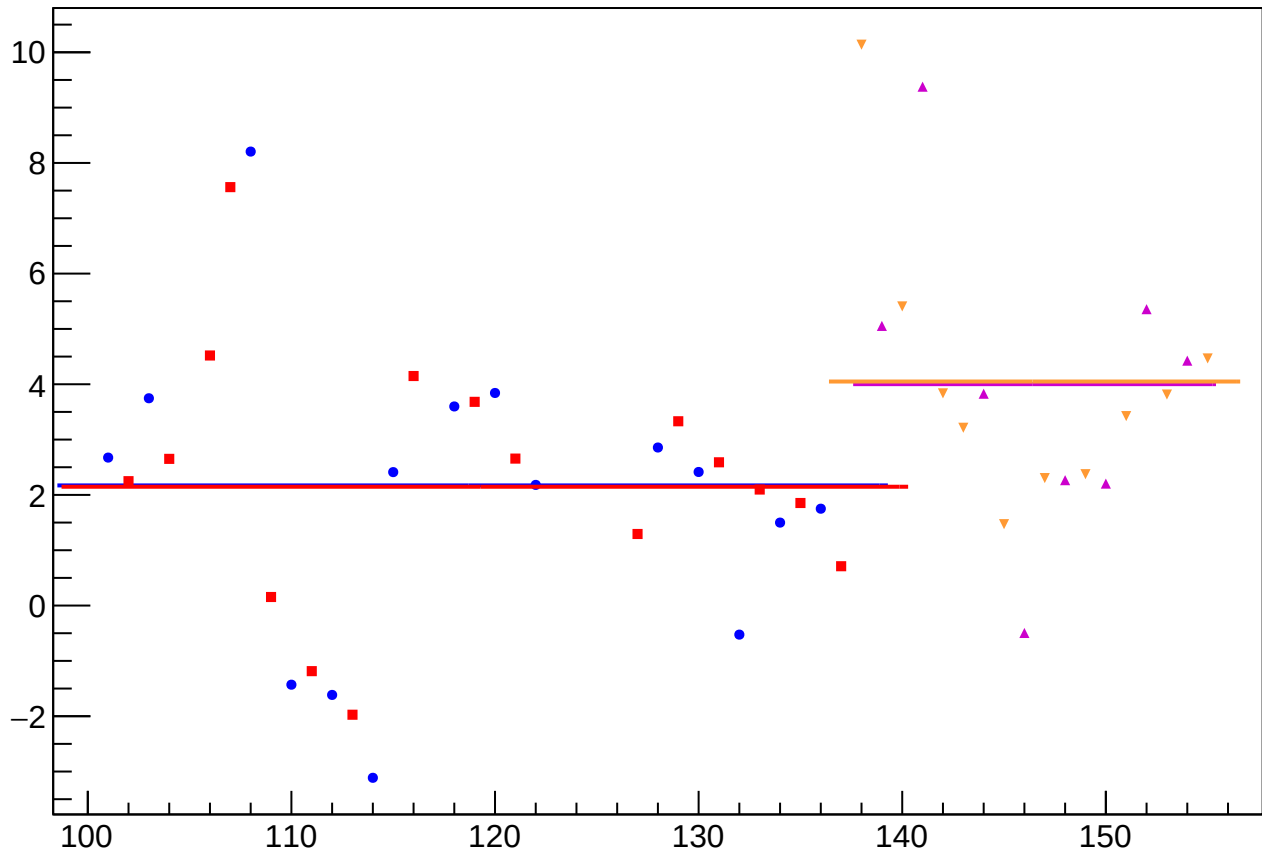
Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

+ sign 1111.134+/-0.000 χ^2/NDF : 58342365270188

All: 1119.798+/-0.000 χ^2/NDF : 15020076133

- sign 1128.788+/-0.000 χ^2/NDF : 91643187215932

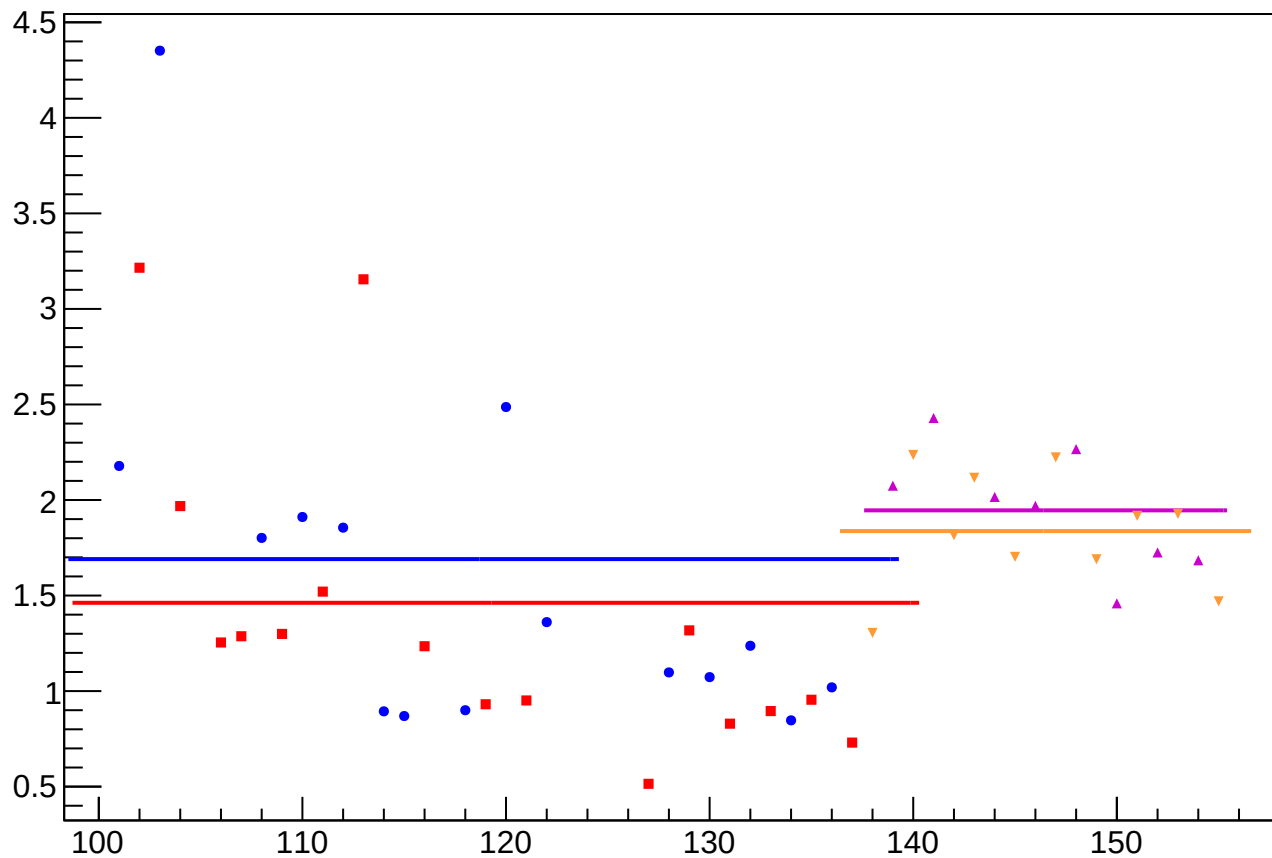
dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left Out: 4.049+/-0.000 χ^2/NDF : 4151688720540426193279102283153408.0/9
 Right Out: 2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Left In: 4.002+/-0.000 χ^2/NDF : 4950929210578562224838533200216064.0/7

+ sign 3.183+/-0.000 χ^2/NDF : 89845815491375563
 All: 3.137+/-0.000 χ^2/NDF : 18200601324128
 - sign 3.090+/-0.000 χ^2/NDF : 92100024546046477

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 612163393317609859674079412355072.0/14

Left Out: 1.837 $\pm$ 0.000 χ^2 /NDF: 67290375771260920525669405818880.0/9

Right Out: 1.462 $\pm$ 0.000 χ^2 /NDF: 444384511662519040022371754835968.0/15

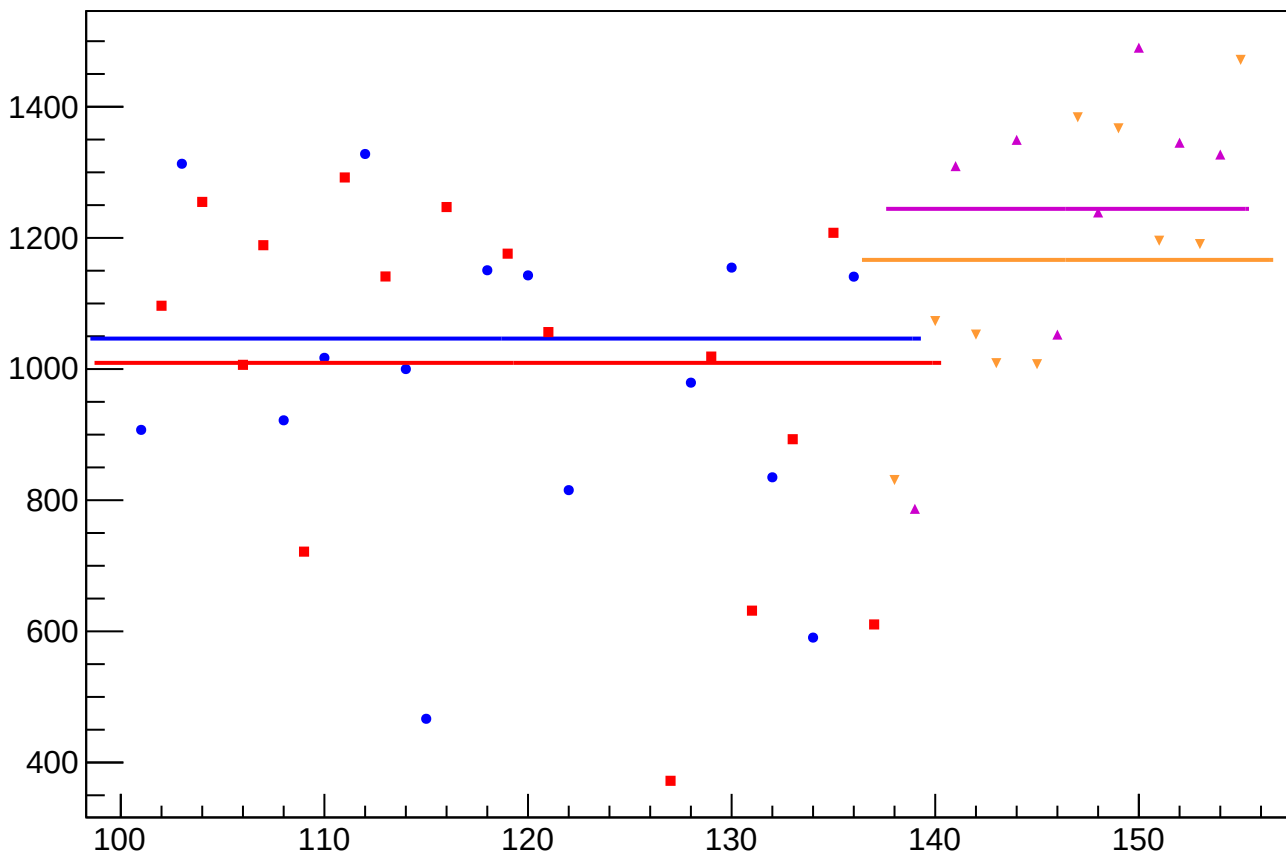
Left In: 1.946 $\pm$ 0.000 χ^2 /NDF: 62169284740742932954041739640832.0/7

+ sign 1.770 $\pm$ 0.000 χ^2 /NDF: 68696936880109116

All: 1.739 $\pm$ 0.000 χ^2 /NDF: 12754644840795

- sign 1.708 $\pm$ 0.000 χ^2 /NDF: 58585232490491116

dit_4aY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

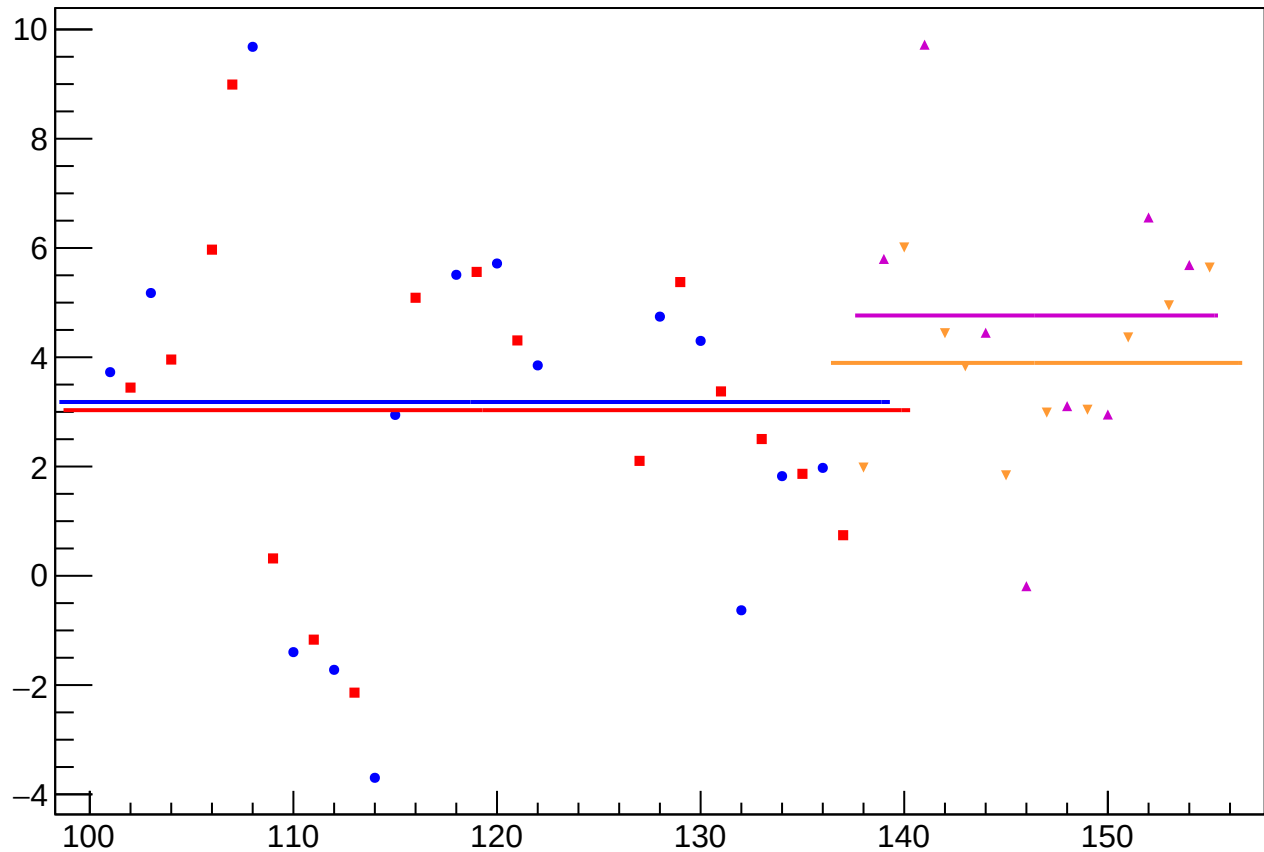
Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

All: 1119.798+/-0.000 χ^2/NDF : 15020076133

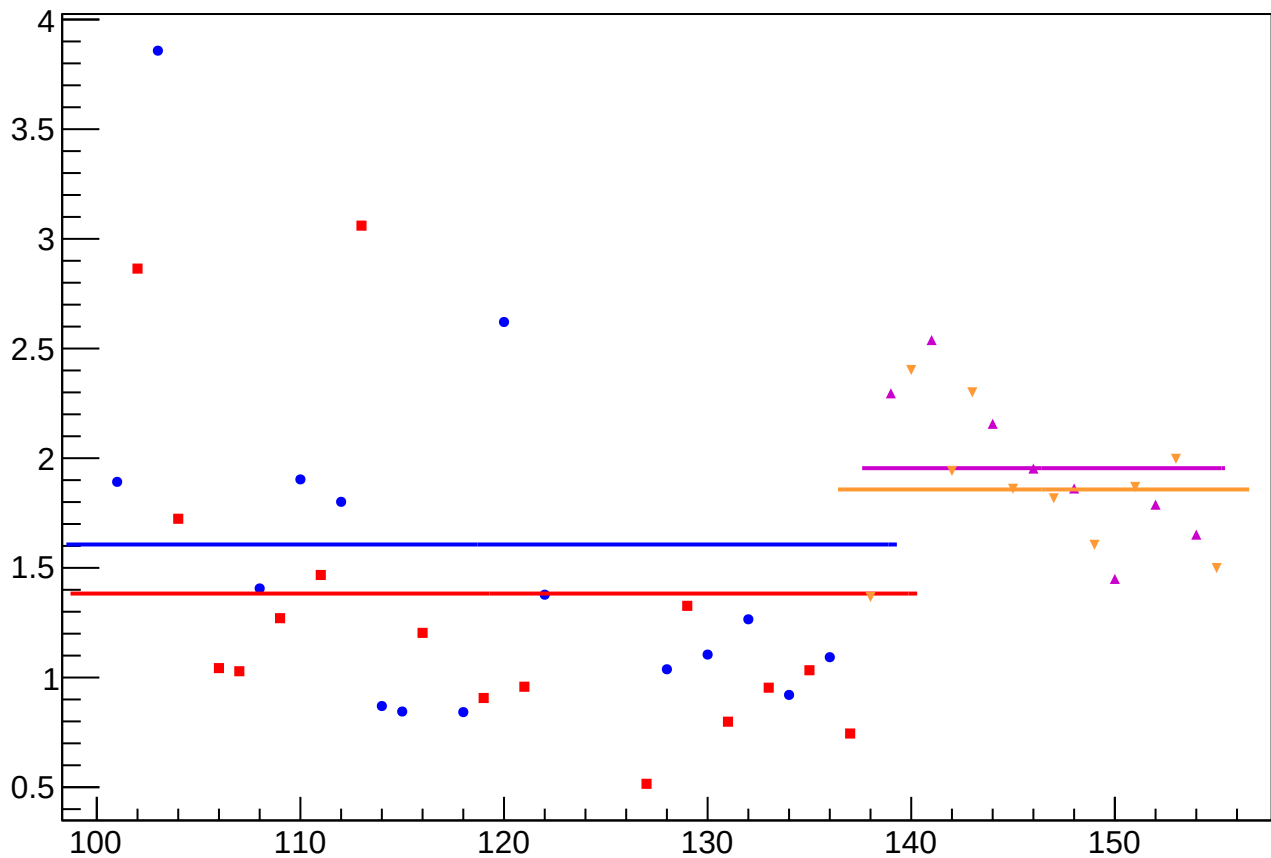
dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000	χ^2/NDF : 5833303227868252617704566394191872.0/14
Left Out: 3.897+/-0.000	χ^2/NDF : 1490229924865567313018788002136064.0/9
Right Out: 3.032+/-0.000	χ^2/NDF : 4937209831371793945496546833334272.0/15
Left In: 4.765+/-0.000	χ^2/NDF : 5107630065521603503040653221167104.0/7

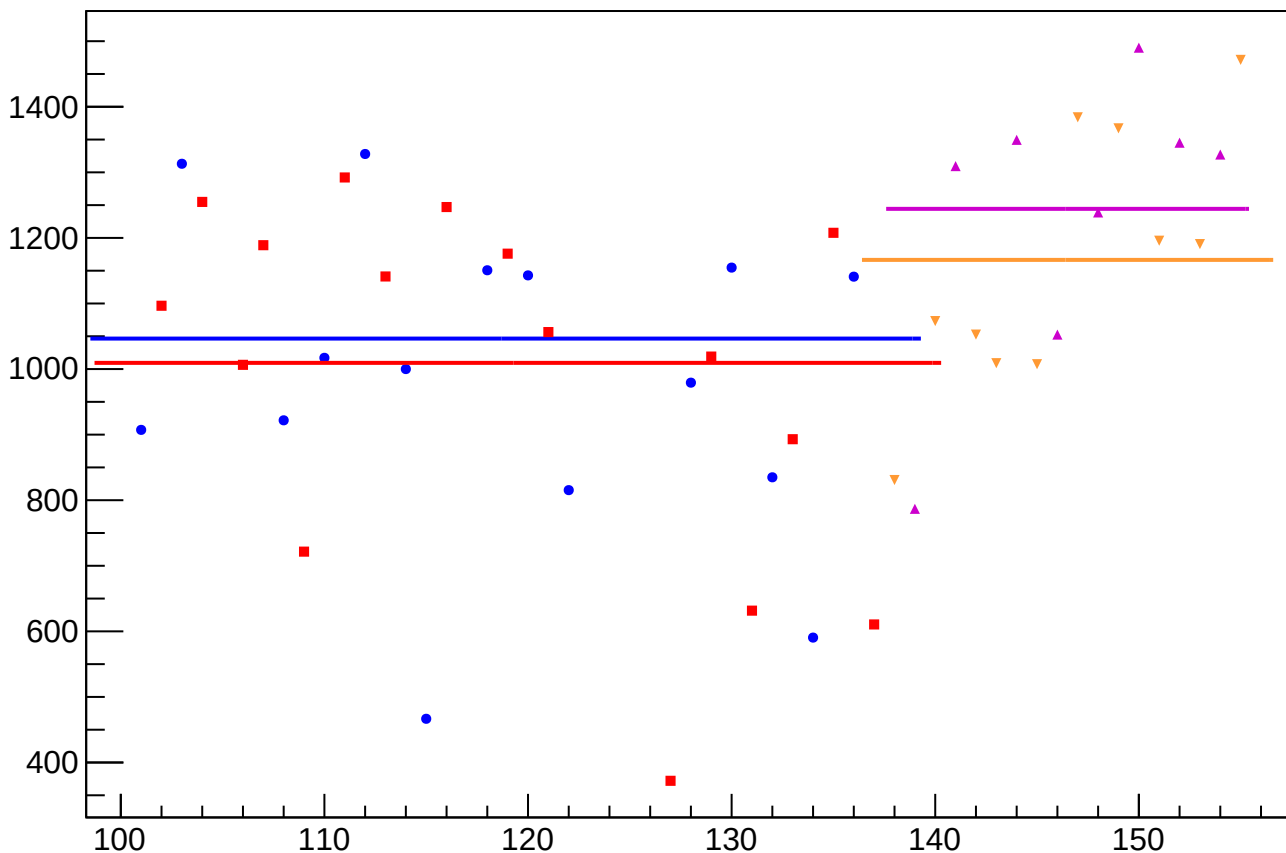
+ sign 3.567+/-0.000 χ^2/NDF : 75025584707096741
 All: 3.736+/-0.000 χ^2/NDF : 18647394581941
 - sign 3.912+/-0.000 χ^2/NDF : 11062394552104965

dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000 χ^2 /NDF: 460949628640148184181205735833600.0/14
 Left Out: 1.857 $\pm$ 0.000 χ^2 /NDF: 73975751814741481095656888074240.0/9
 Right Out: 1.383 $\pm$ 0.000 χ^2 /NDF: 358348897016286200957650337792000.0/15
 Left In: 1.954 $\pm$ 0.000 χ^2 /NDF: 76560149450187408323288955355136.0/7

dit_4eY_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

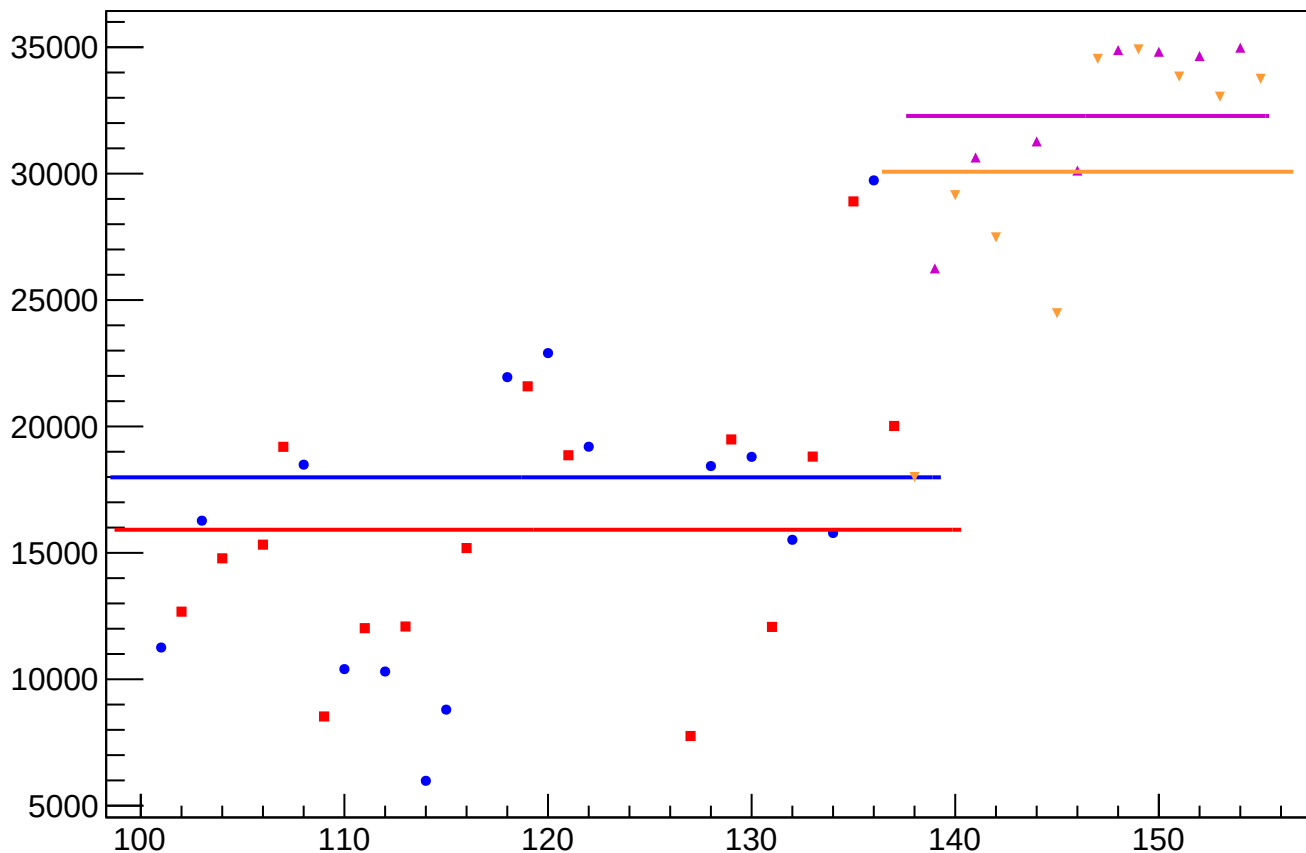
Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

All: 1119.798+/-0.000 χ^2/NDF : 15020076133

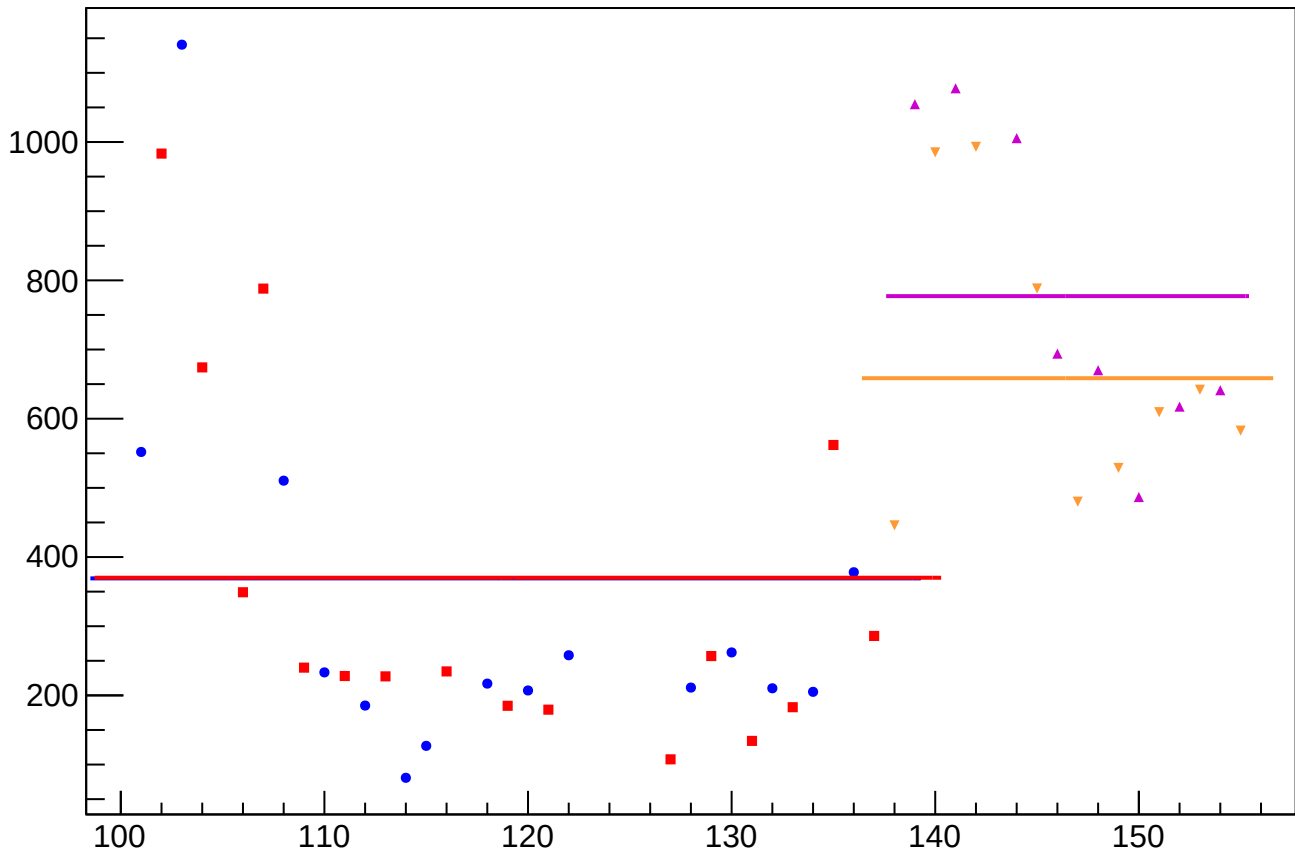
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 30075.768+/-0.000	χ^2/NDF : 20733995602422427934273575460427704303616.0/8
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 32281.365+/-0.000	χ^2/NDF : 5947500383973961772878290713003136385024.0/7

+ sign 24221.409+/-0.000 χ^2/NDF : 9444776273520
 All: 24226.263+/-0.000 χ^2/NDF : 2111269264
 - sign 24231.060+/-0.000 χ^2/NDF : 1166791009659

dit_usl_coil1_err_mean vs Slug



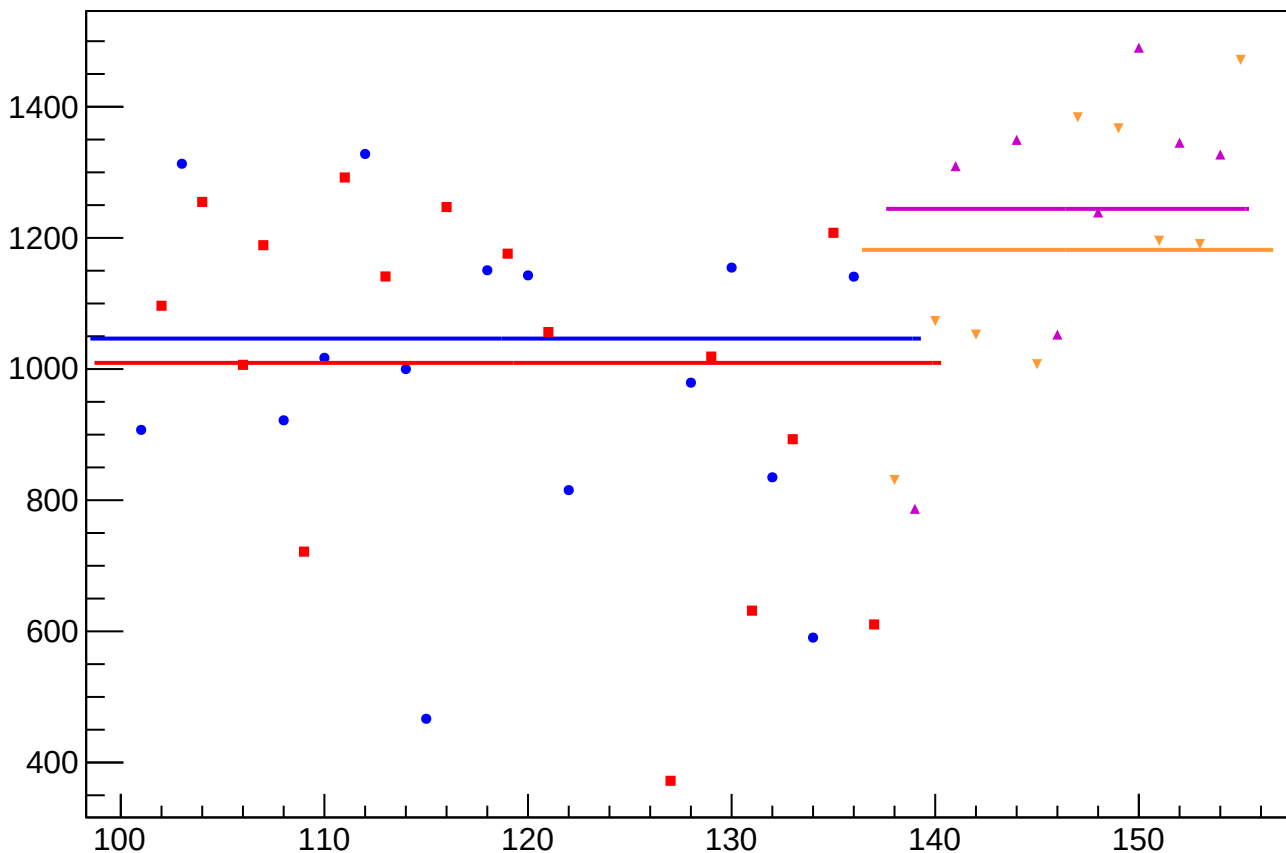
Right In: 369.169+/-0.000	χ^2/NDF : 48053036789565485994195833341370957824.0/14
Left Out: 658.534+/-0.000	χ^2/NDF : 23347373082652487552797455094533586944.0/8
Right Out: 370.091+/-0.000	χ^2/NDF : 48214462907052107543037037125316902912.0/15
Left In: 777.200+/-0.000	χ^2/NDF : 31632433797507635036229050102781575168.0/7

+ sign 518.386+/-0.000 χ^2/NDF : 994231249409929

All: 547.841+/-0.000 χ^2/NDF : 237751786428

- sign 576.948+/-0.000 χ^2/NDF : 136017229606590

dit_usl_coil1_Ndata_mean vs Slug



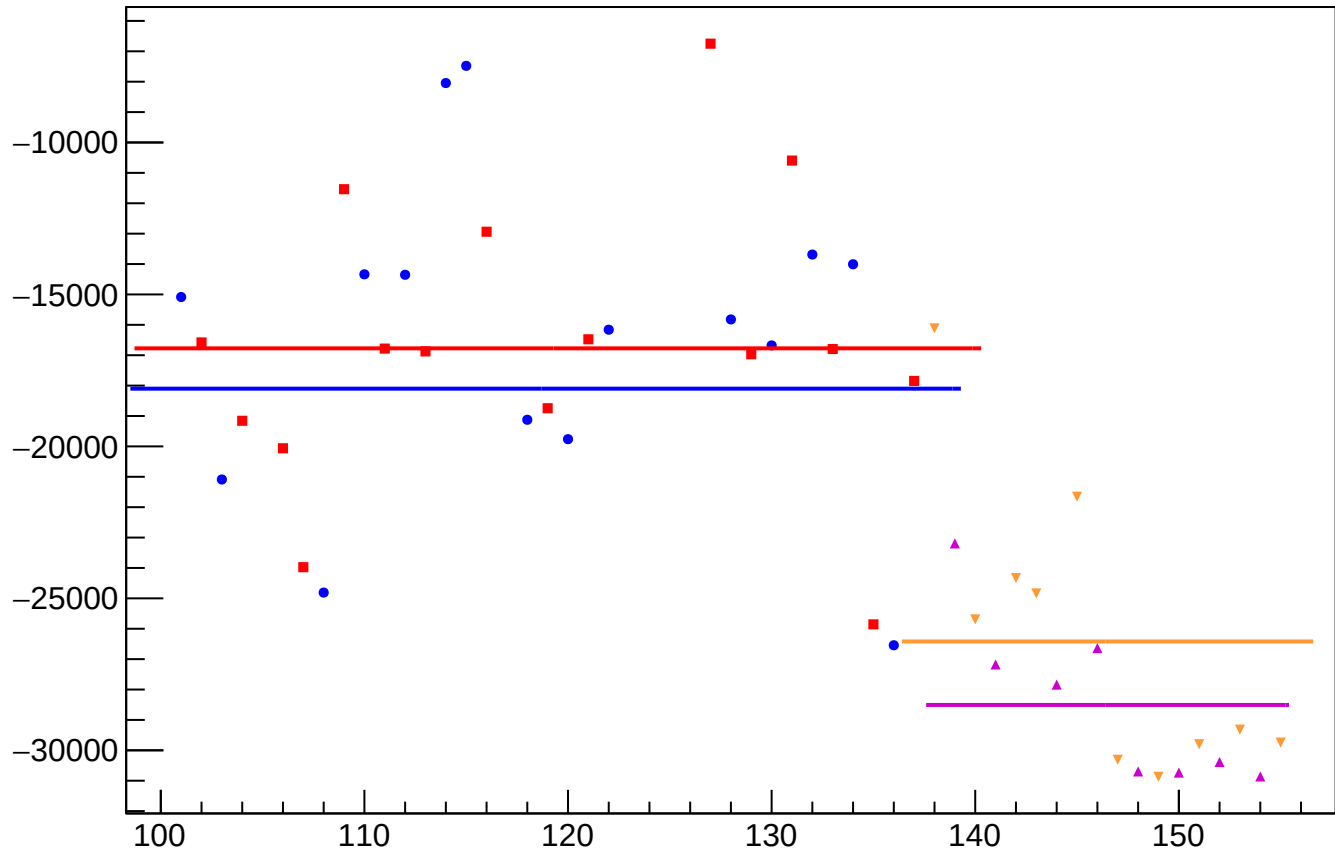
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1181.757+/-0.000 χ^2/NDF : 26617729097619092336495277924052631552.0/8

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

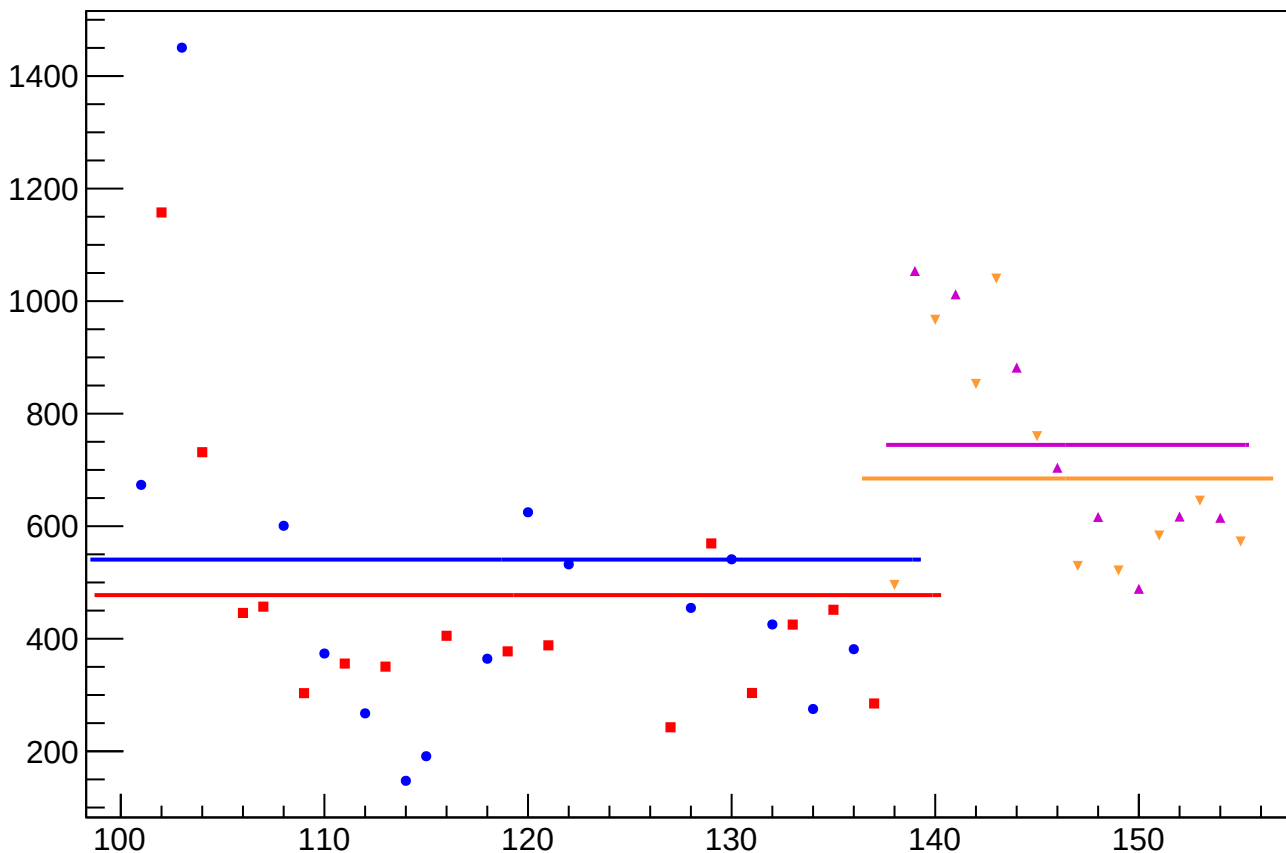
Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14
 Left Out: -26418.822+/-0.000 χ^2/NDF : 15856970098777103223217043663057361829888.0/9
 Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15
 Left In: -28507.738+/-0.000 χ^2/NDF : 4421453040965827914256709952502547611648.0/7

dit_usr_coil1_err_mean vs Slug



Right In: 540.663 $\pm$ 0.000 χ^2 /NDF: 64546819695986774721678785082975846400.0/14

Left Out: 684.797 $\pm$ 0.000 χ^2 /NDF: 25581103403827644417076979618918957056.0/9

Right Out: 477.546 $\pm$ 0.000 χ^2 /NDF: 38798306504296954461537116809760604160.0/15

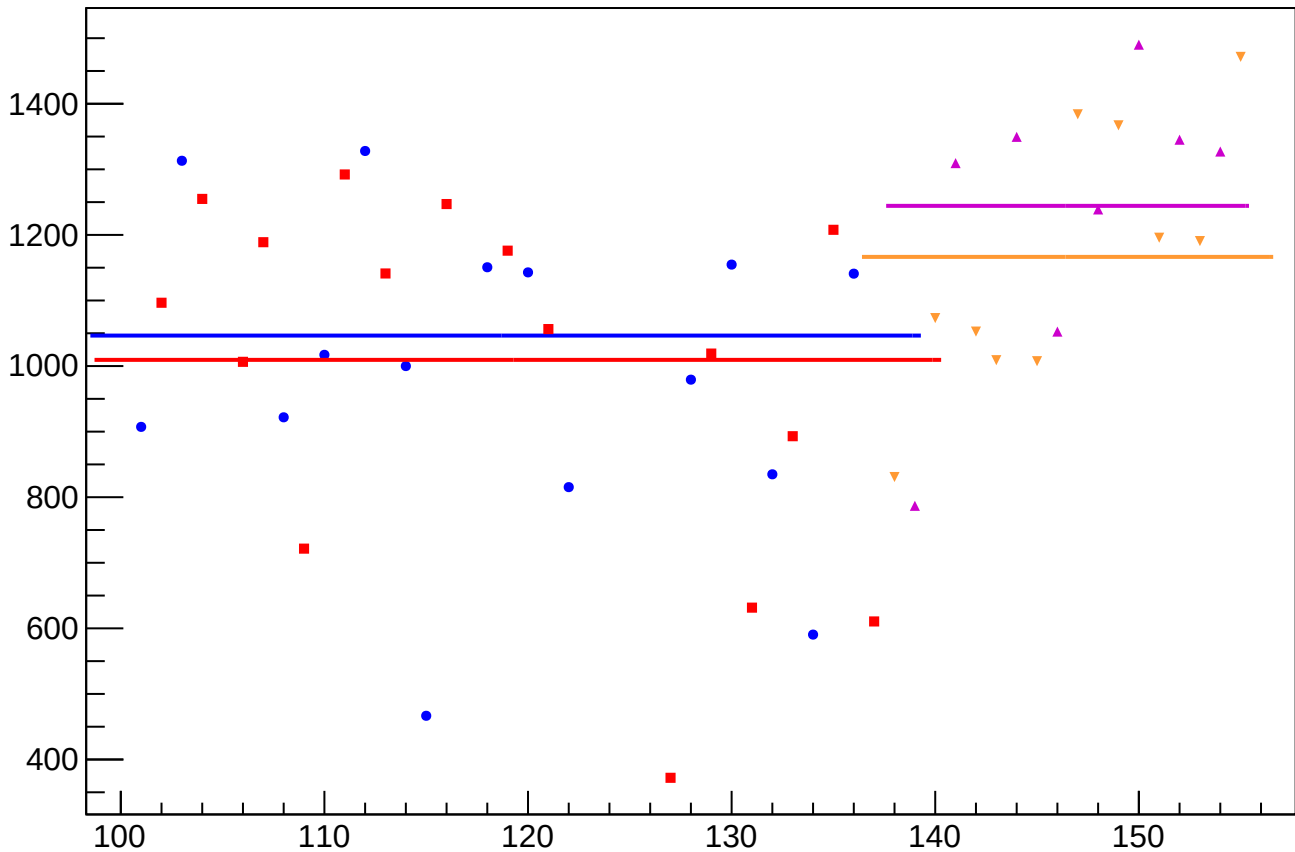
Left In: 744.515 $\pm$ 0.000 χ^2 /NDF: 25875821742539979093871789790940102656.0/7

+ sign 618.313 $\pm$ 0.000 χ^2 /NDF: 973915533185748

All: 615.802 $\pm$ 0.000 χ^2 /NDF: 186238704405

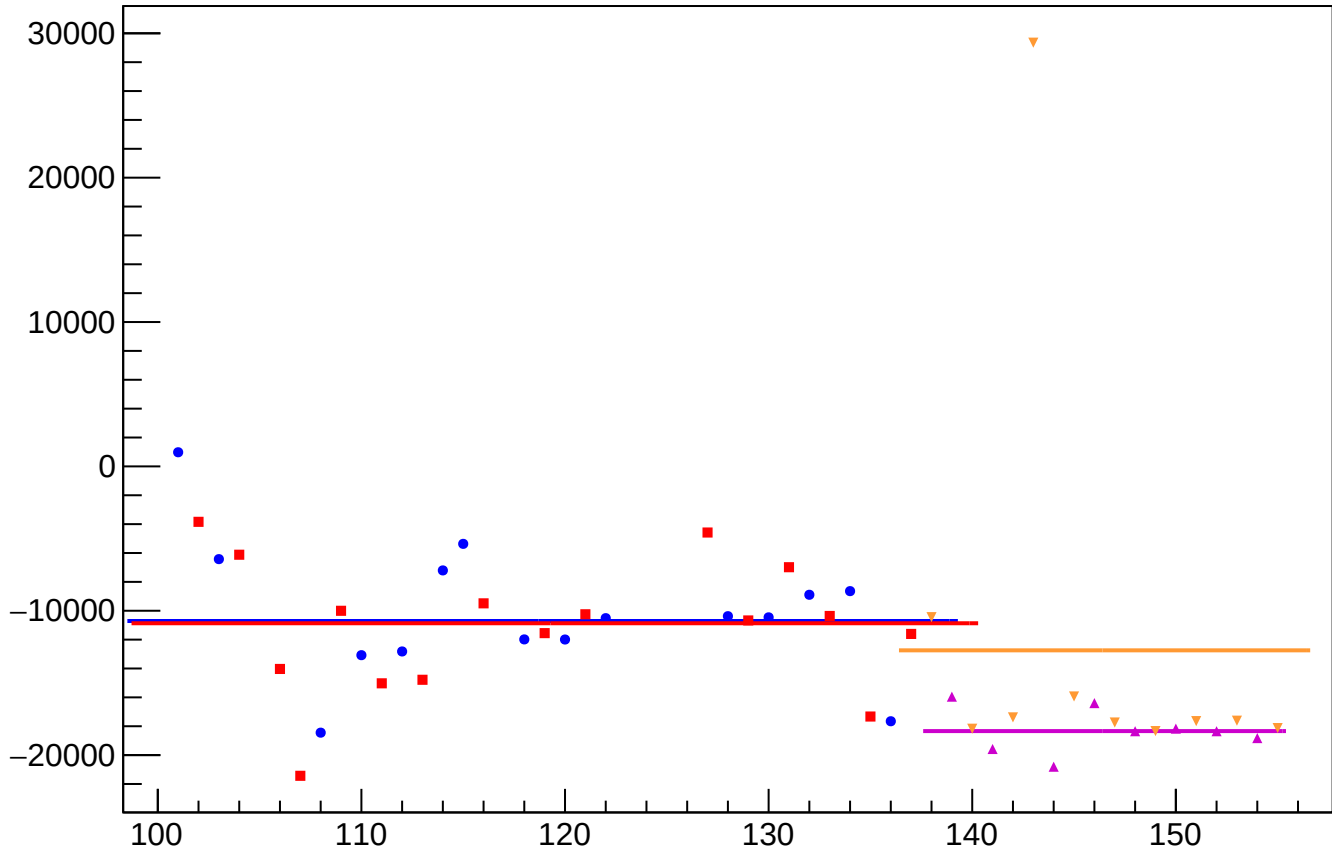
- sign 613.196 $\pm$ 0.000 χ^2 /NDF: 888290743104849

dit_usr_coil1_Ndata_mean vs Slug



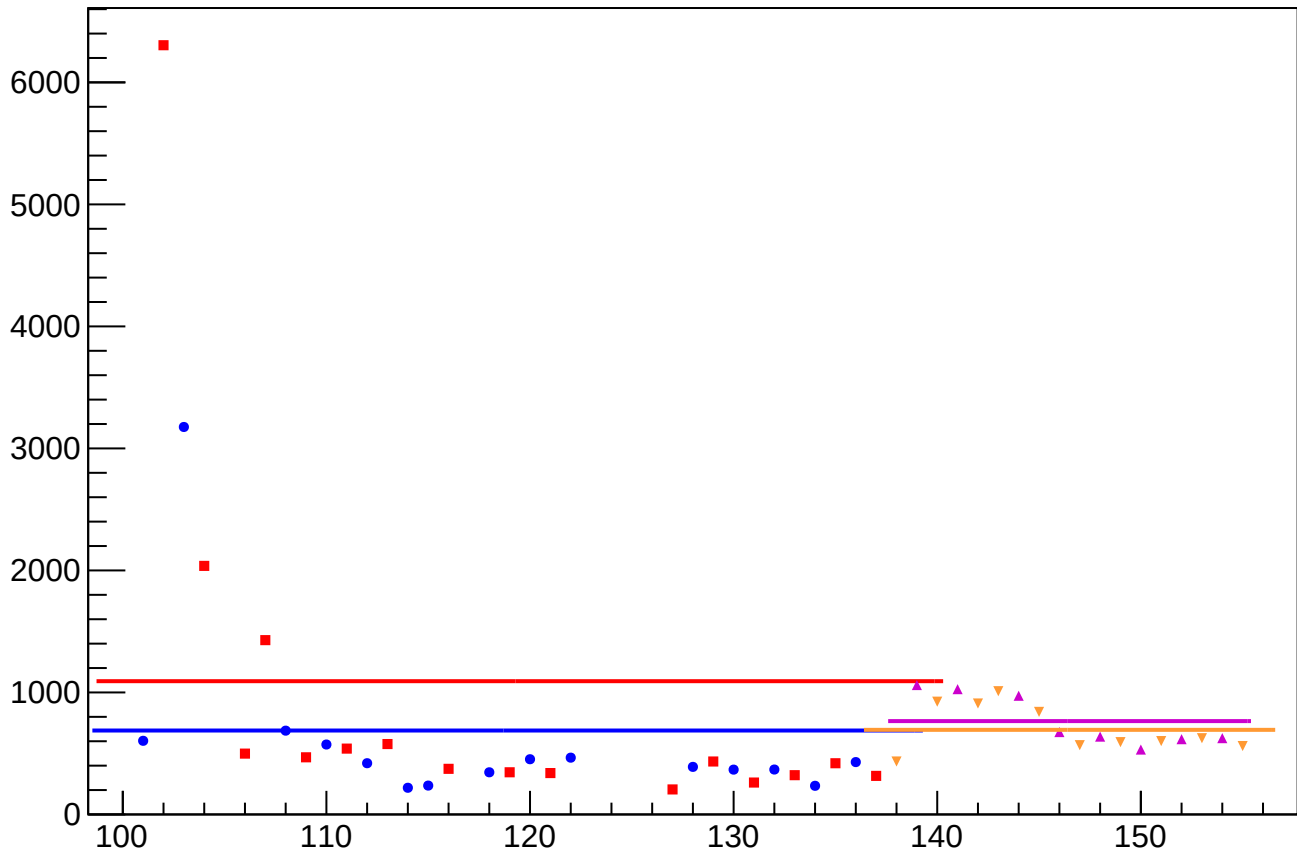
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

dit_atl1_coil1_mean vs Slug



Right In: -10710.292 ± 0.000 $\chi^2/\text{NDF}: 16945226152053511840482618402250170564608.0/14$
 Left Out: -12742.590 ± 0.000 $\chi^2/\text{NDF}: 134129762387438995458249551810257580195840.0/9$
 Right Out: -10866.264 ± 0.000 $\chi^2/\text{NDF}: 14234762838858382484525901644131626647552.0/15$
 Left In: -18336.025 ± 0.000 $\chi^2/\text{NDF}: 1468790705193088884237931517352601452544.0/7$

dit_atl1_coil1_err_mean vs Slug



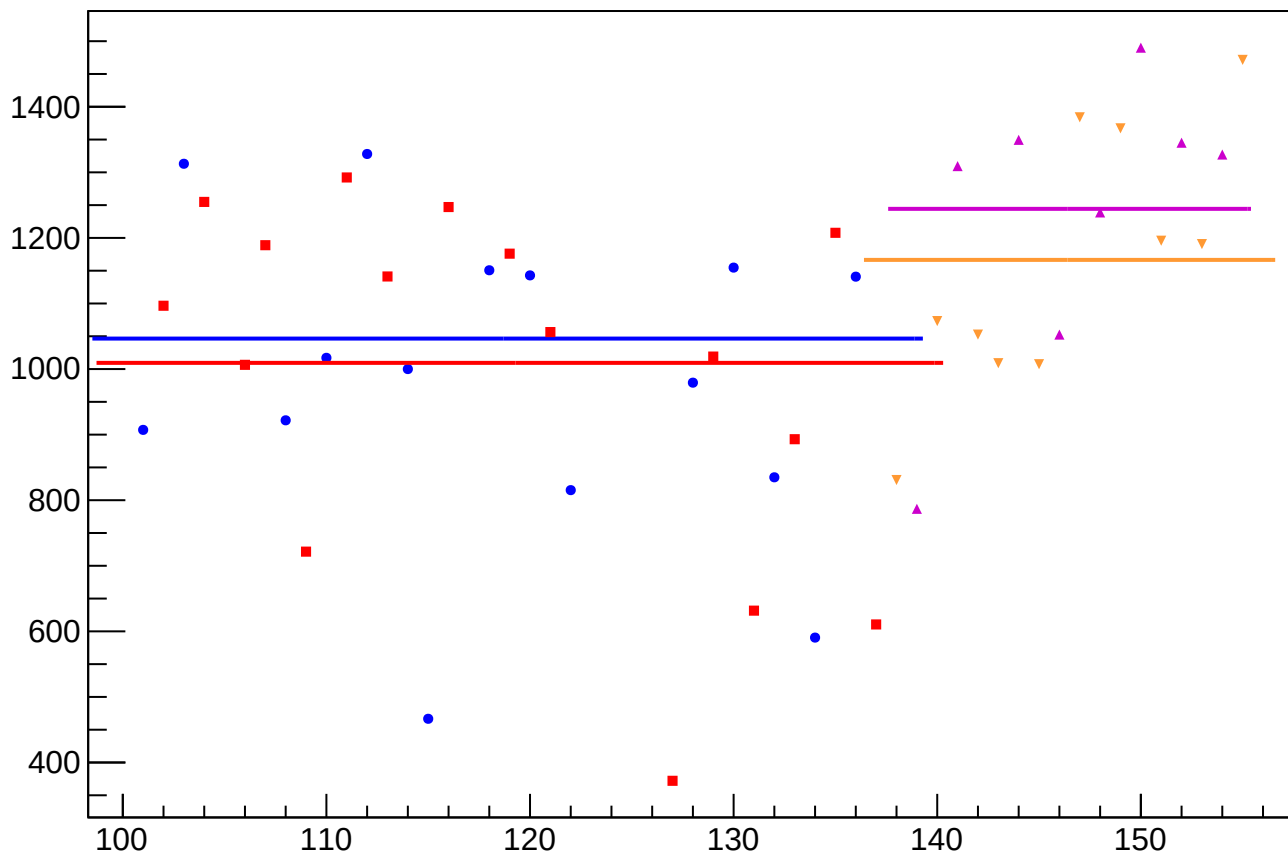
Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

Left Out: 693.425+/-0.000 χ^2/NDF : 24783292694566985083925118798220230656.0/9

Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

Left In: 765.105+/-0.000 χ^2/NDF : 27370766552329248162271038243740844032.0/7

dit_atl1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

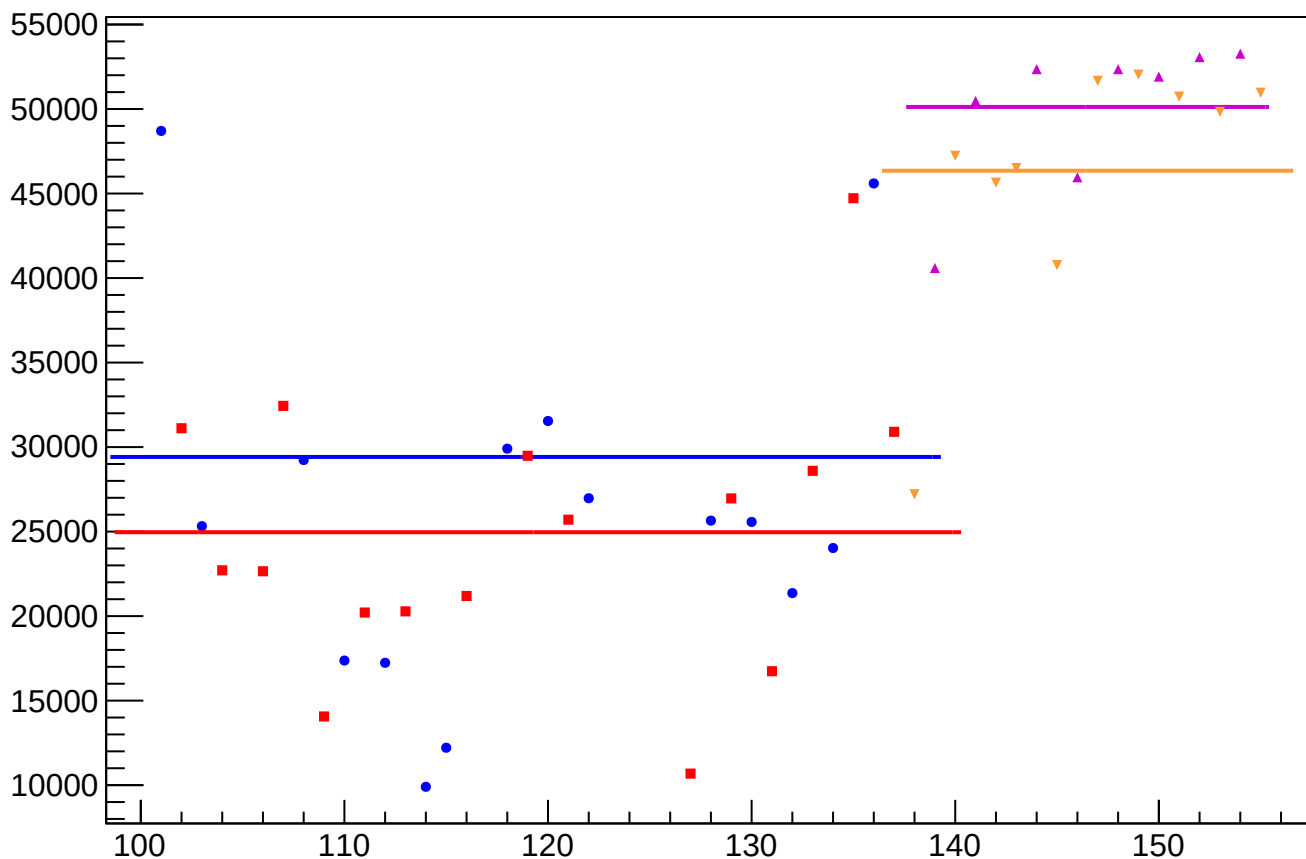
Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

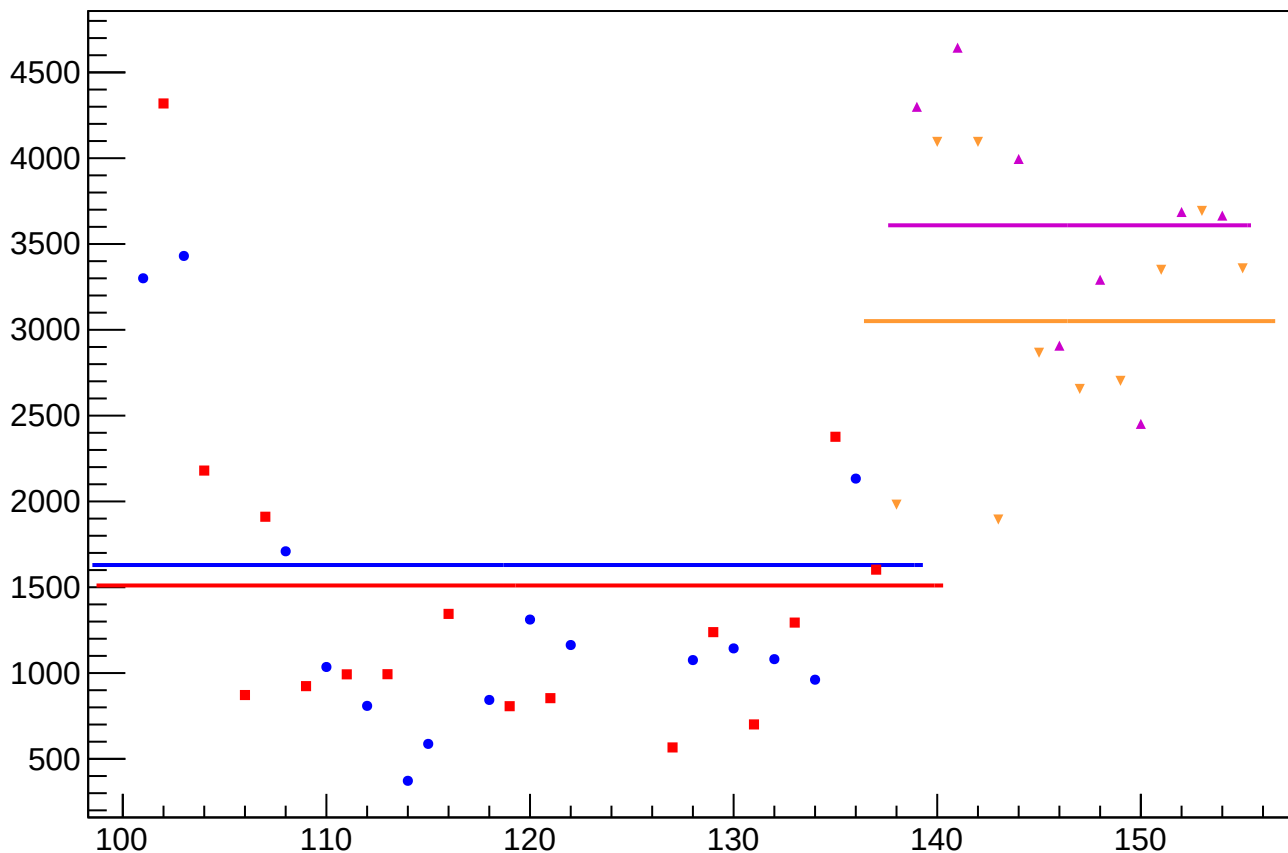
All: 1119.798+/-0.000 χ^2/NDF : 15020076133

dit_atl2_coil1_mean vs Slug



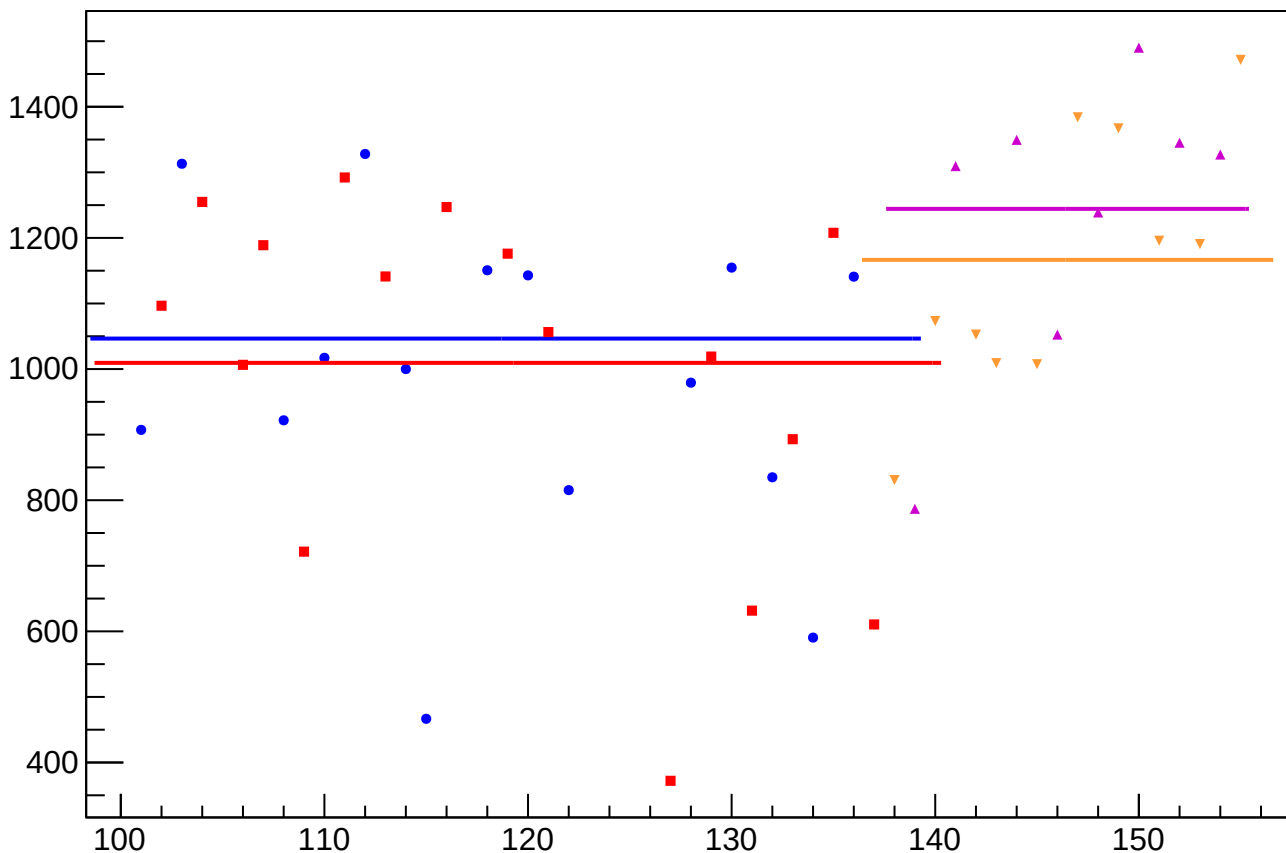
Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 46350.728+/-0.000	χ^2/NDF : 40329480155368802769888630849525136752640.0/9
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 50122.928+/-0.000	χ^2/NDF : 11600844395861217304754549935266689187840.0/7
+ sign 38539.250+/-0.000 χ^2/NDF : 2123676963925	
All: 38150.471+/-0.000 χ^2/NDF : 484571243	
- sign 37747.069+/-0.000 χ^2/NDF : 2717702135458	

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542 $\pm$ 0.000	χ^2 /NDF: 551738555355028902194697896437152219136.0/14	+ sign 2395.201 $\pm$ 0.000	χ^2 /NDF: 16509410342678
Left Out: 3050.759 $\pm$ 0.000	χ^2 /NDF: 392981818699858491167923773653116780544.0/9	All: 2484.260 $\pm$ 0.000	χ^2 /NDF: 41695669285
Right Out: 1510.293 $\pm$ 0.000	χ^2 /NDF: 688231904046816211321774524619745656832.0/15	- sign 2576.670 $\pm$ 0.000	χ^2 /NDF: 24958866830256
Left In: 3608.996 $\pm$ 0.000	χ^2 /NDF: 314903735368811434582638438366201249792.0/7		

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

+ sign 1111.134+/-0.000 χ^2/NDF : 58342365270188

Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9

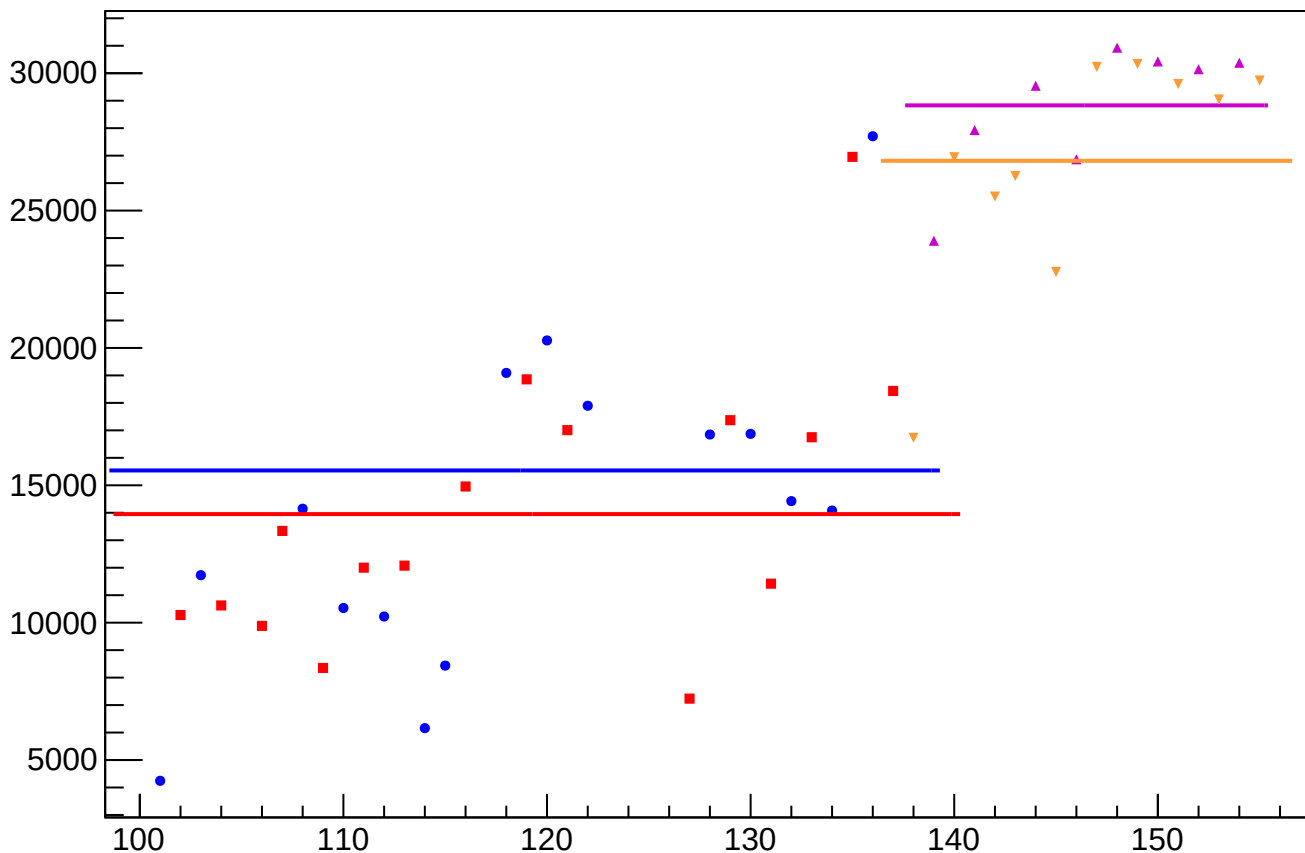
All: 1119.798+/-0.000 χ^2/NDF : 15020076133

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1128.788+/-0.000 χ^2/NDF : 91643187215932

Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

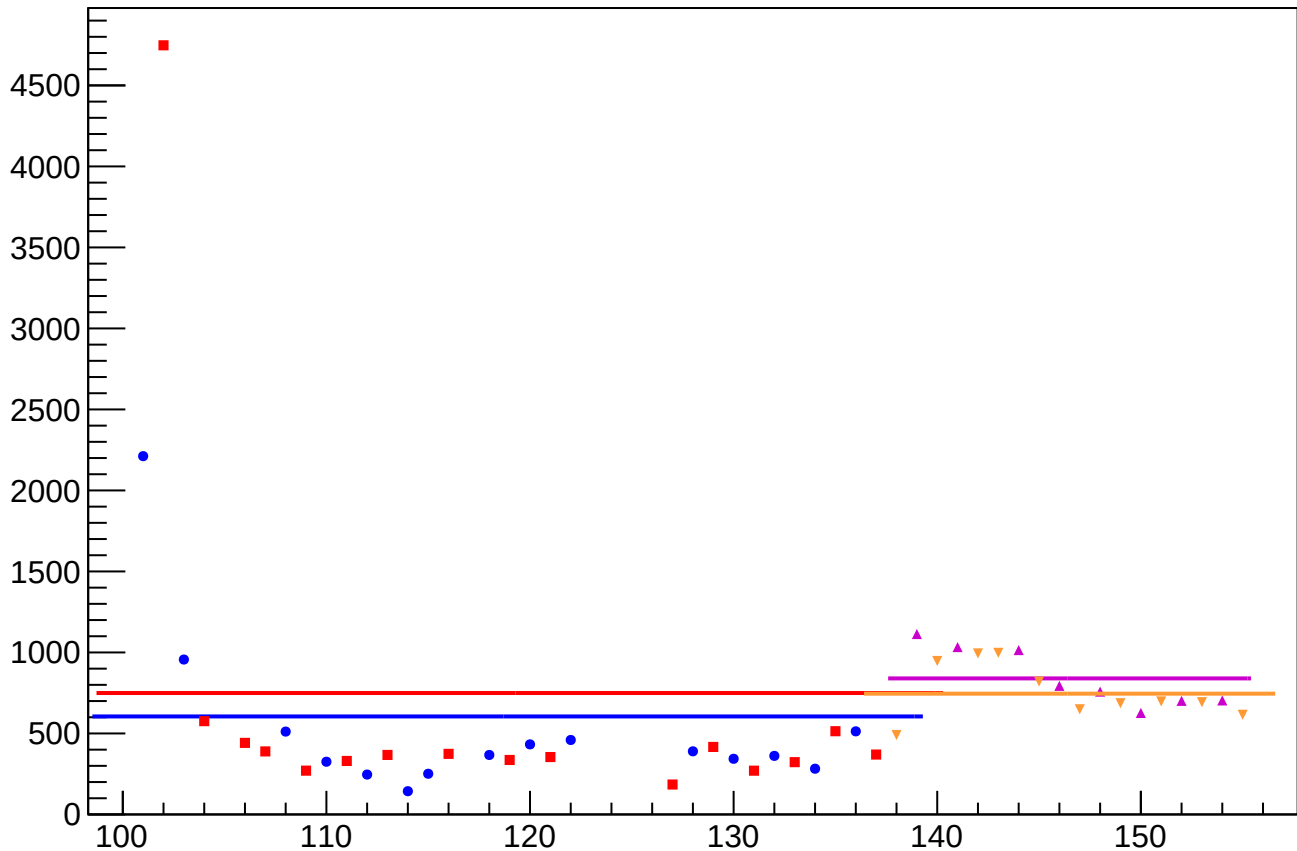
dit_atr1_coil1_mean vs Slug



Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 26813.303+/-0.000	χ^2/NDF : 13019701916662474339412259525553914118144.0/9
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 28829.681+/-0.000	χ^2/NDF : 3368599030603175586194039704097254277120.0/7

+ sign 21613.685+/-0.000 χ^2/NDF : 8483182567691
 All: 21563.501+/-0.000 χ^2/NDF : 1801800758
 - sign 21511.431+/-0.000 χ^2/NDF : 9534103024958

dit_atr1_coil1_err_mean vs Slug



Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14

Left Out: 745.521+/-0.000 χ^2/NDF : 18754341545104706046430500830253678592.0/9

Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15

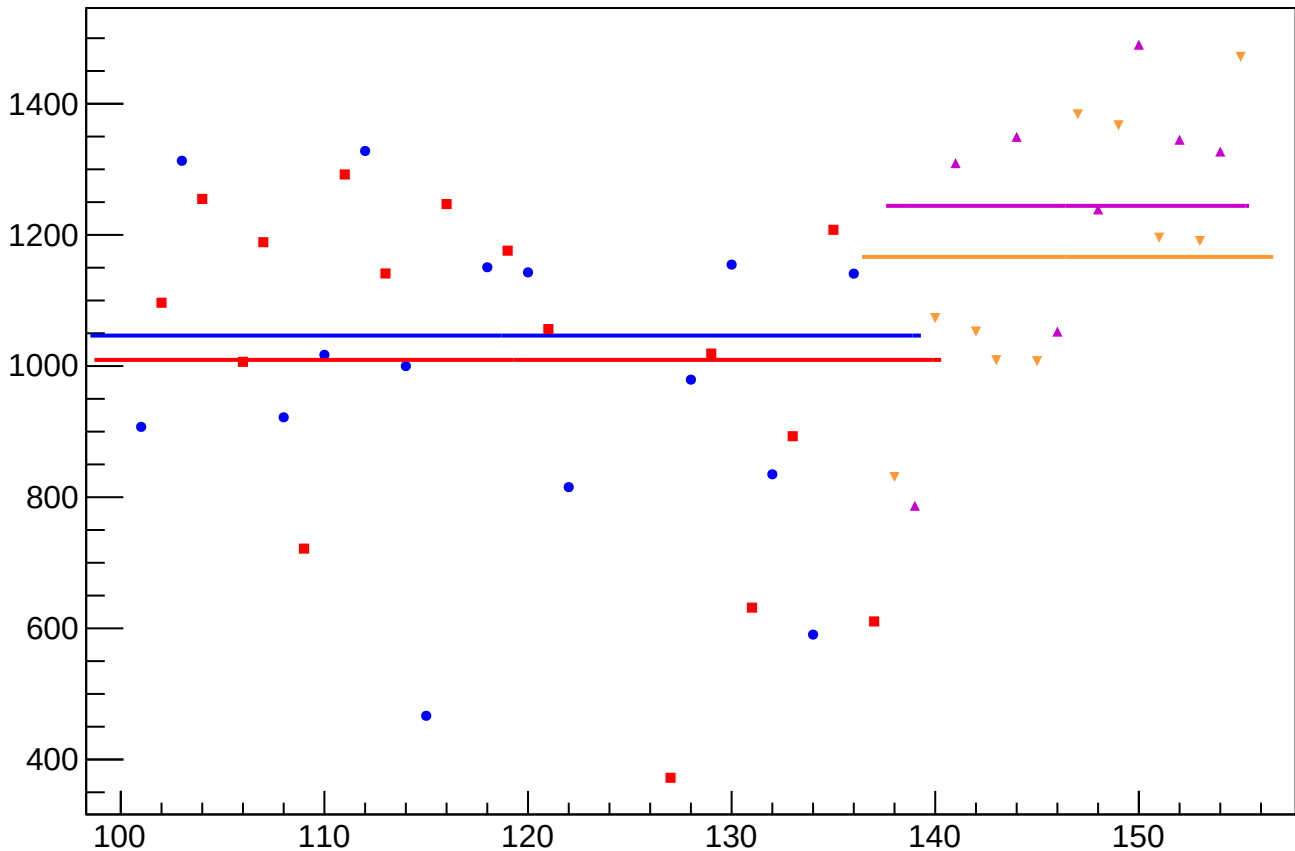
Left In: 839.759+/-0.000 χ^2/NDF : 20158584936000808260929921326874886144.0/7

+ sign 680.719+/-0.000 χ^2/NDF : 215056505526701

All: 737.002+/-0.000 χ^2/NDF : 126841164008

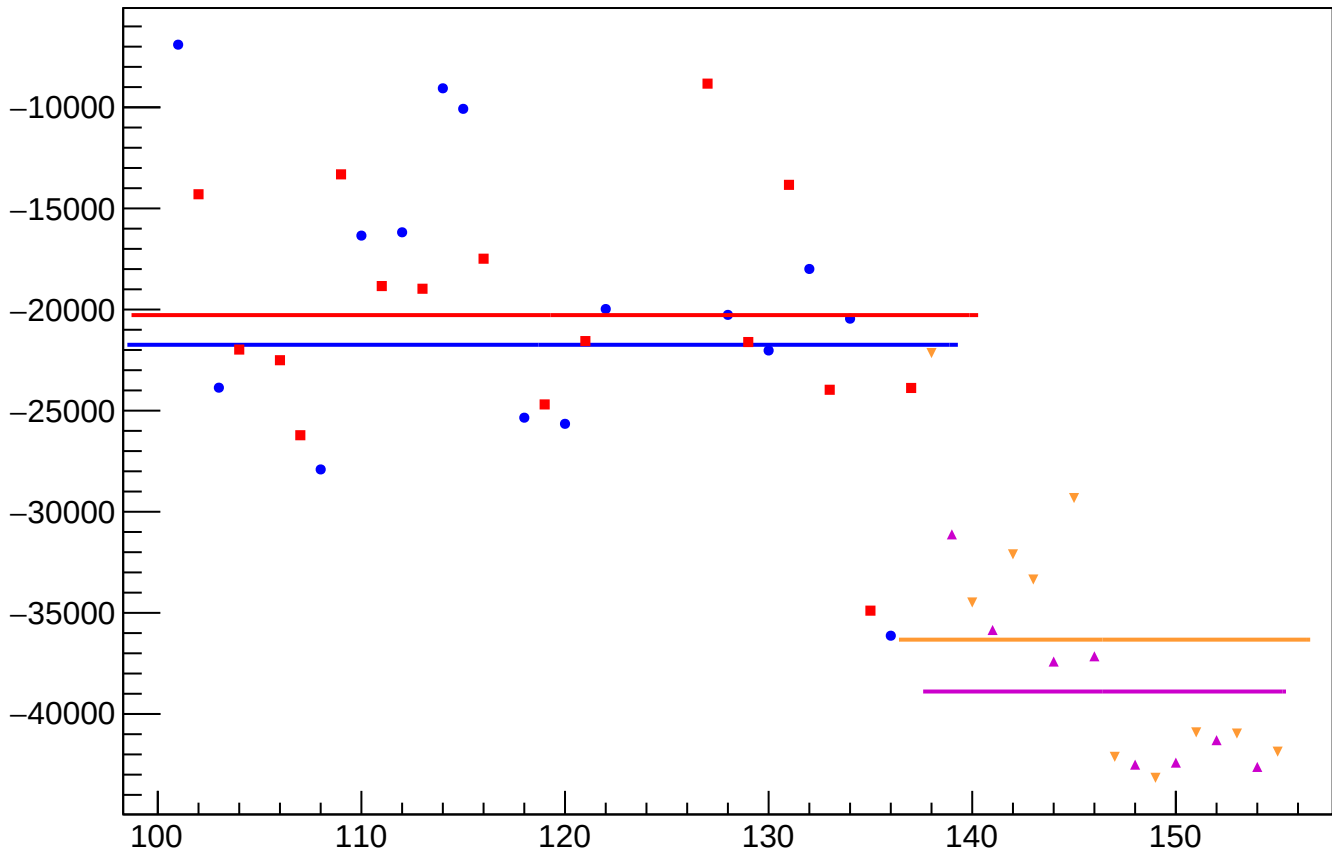
- sign 795.402+/-0.000 χ^2/NDF : 104427332678866

dit_atr1_coil1_Ndata_mean vs Slug



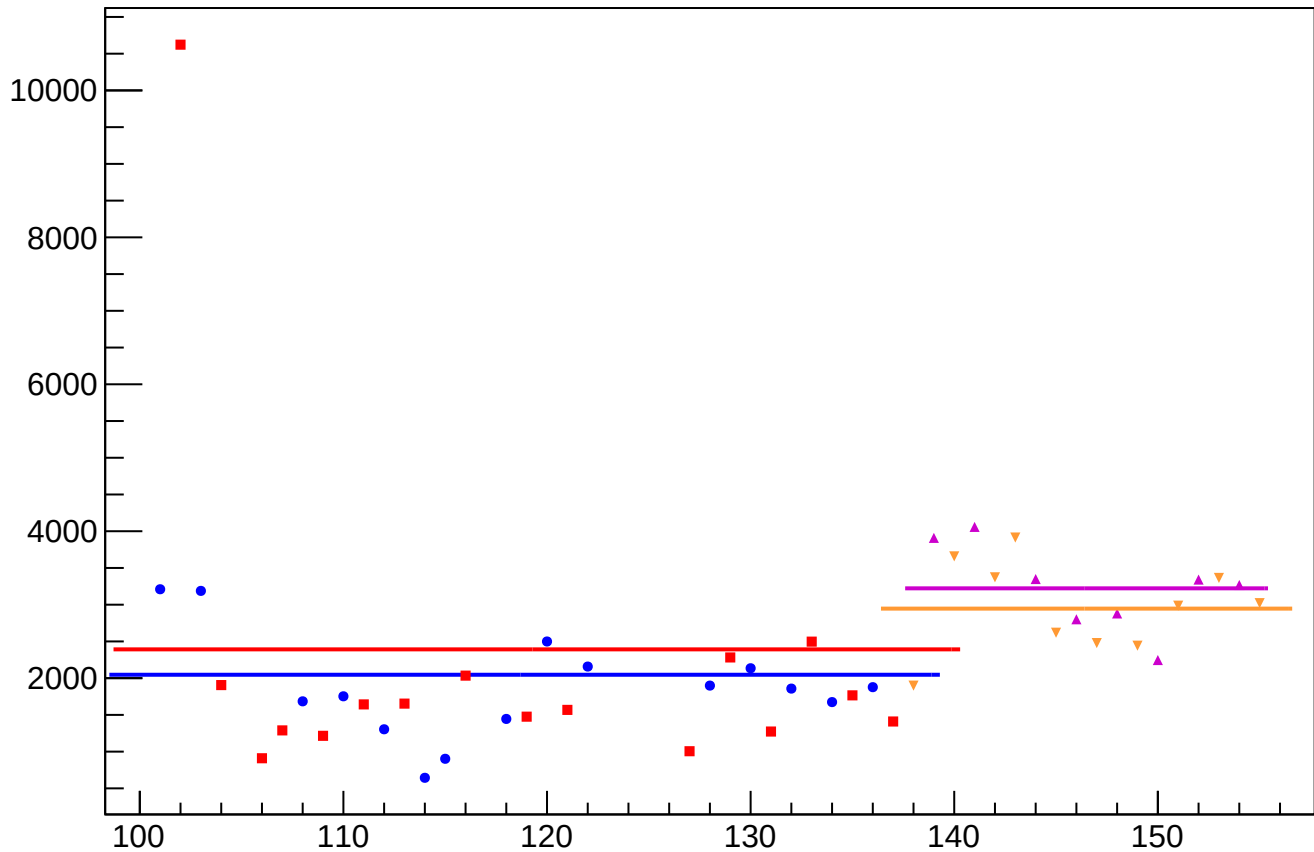
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -36324.417+/-0.000 χ^2/NDF : 33772441015173113693151956484561139924992.0/9
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -38889.311+/-0.000 χ^2/NDF : 10090011767998516933951818235852091293696.0/7

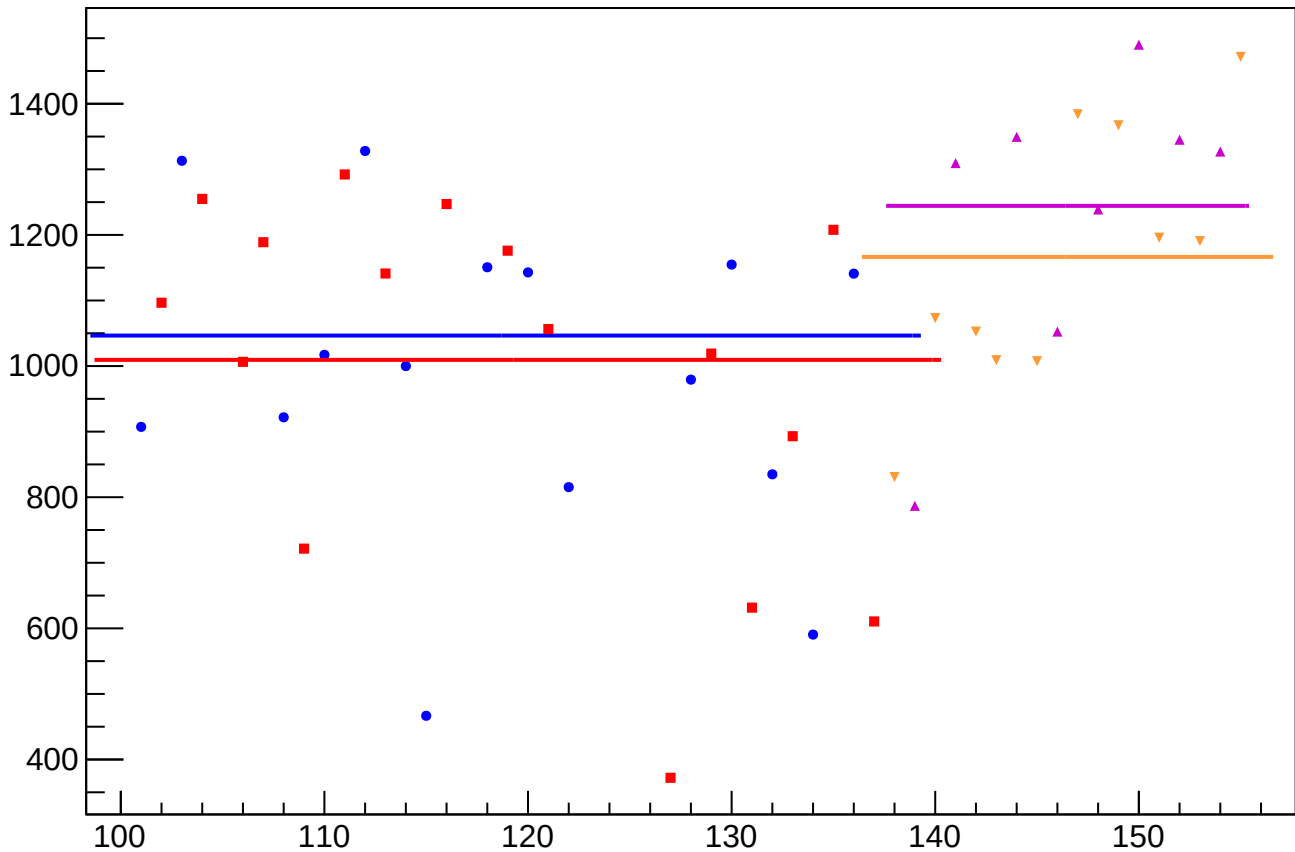
dit_atr2_coil1_err_mean vs Slug



Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14
Left Out: 2946.562+/-0.000	χ^2/NDF : 260920670377145923525874113508039196672.0/9
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15
Left In: 3222.582+/-0.000	χ^2/NDF : 211731435672313606140172887379572424704.0/7

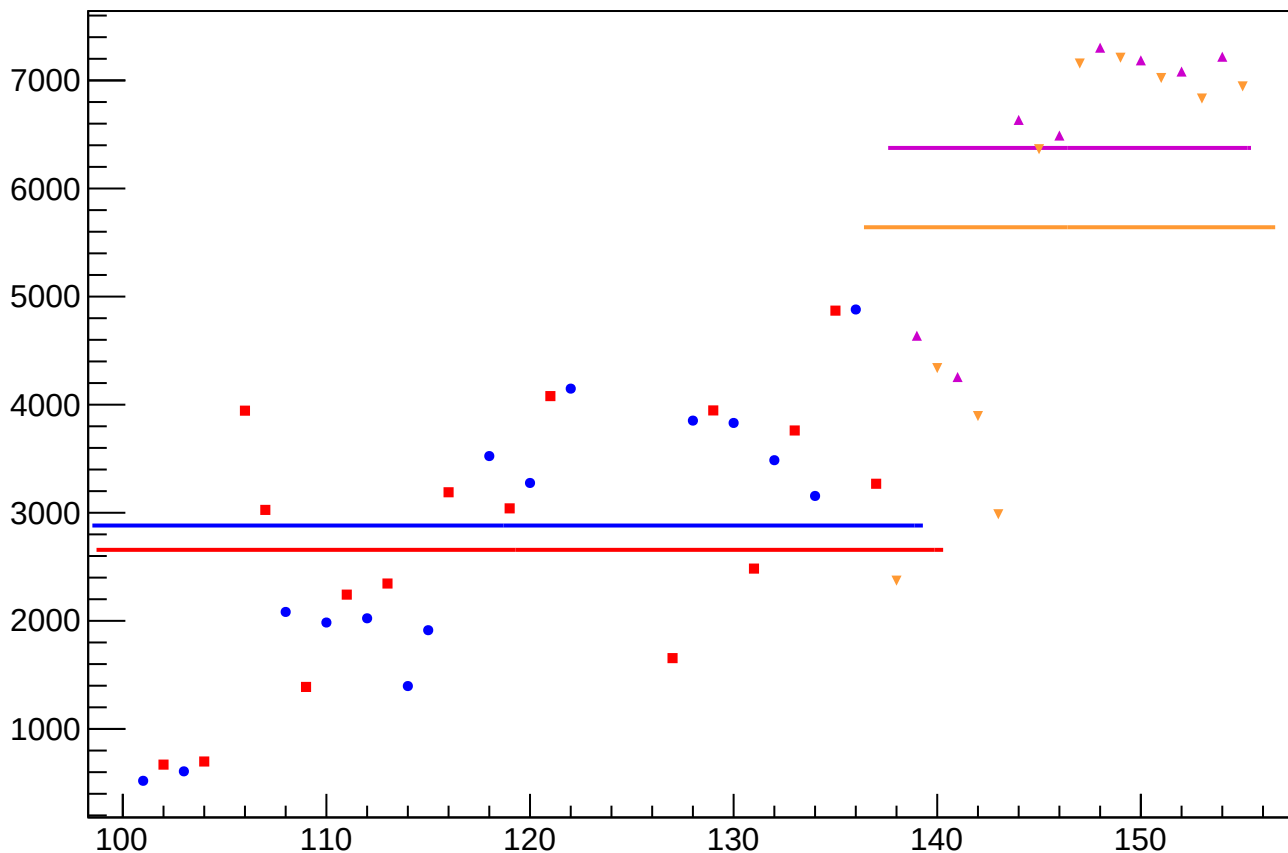
+ sign 2531.327+/-0.000 χ^2/NDF : 81081445315396
 All: 2670.054+/-0.000 χ^2/NDF : 57268523264
 - sign 2813.999+/-0.000 χ^2/NDF : 48608636389319

dit_atr2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1111.134+/-0.000	χ^2/NDF : 58342365270188
Left Out: 1166.483+/-0.000	χ^2/NDF : 28441538354144246944996838385622450176.0/9	All: 1119.798+/-0.000	χ^2/NDF : 15020076133
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1128.788+/-0.000	χ^2/NDF : 91643187215932
Left In: 1244.321+/-0.000	χ^2/NDF : 28343886144136596546146079788396183552.0/7		

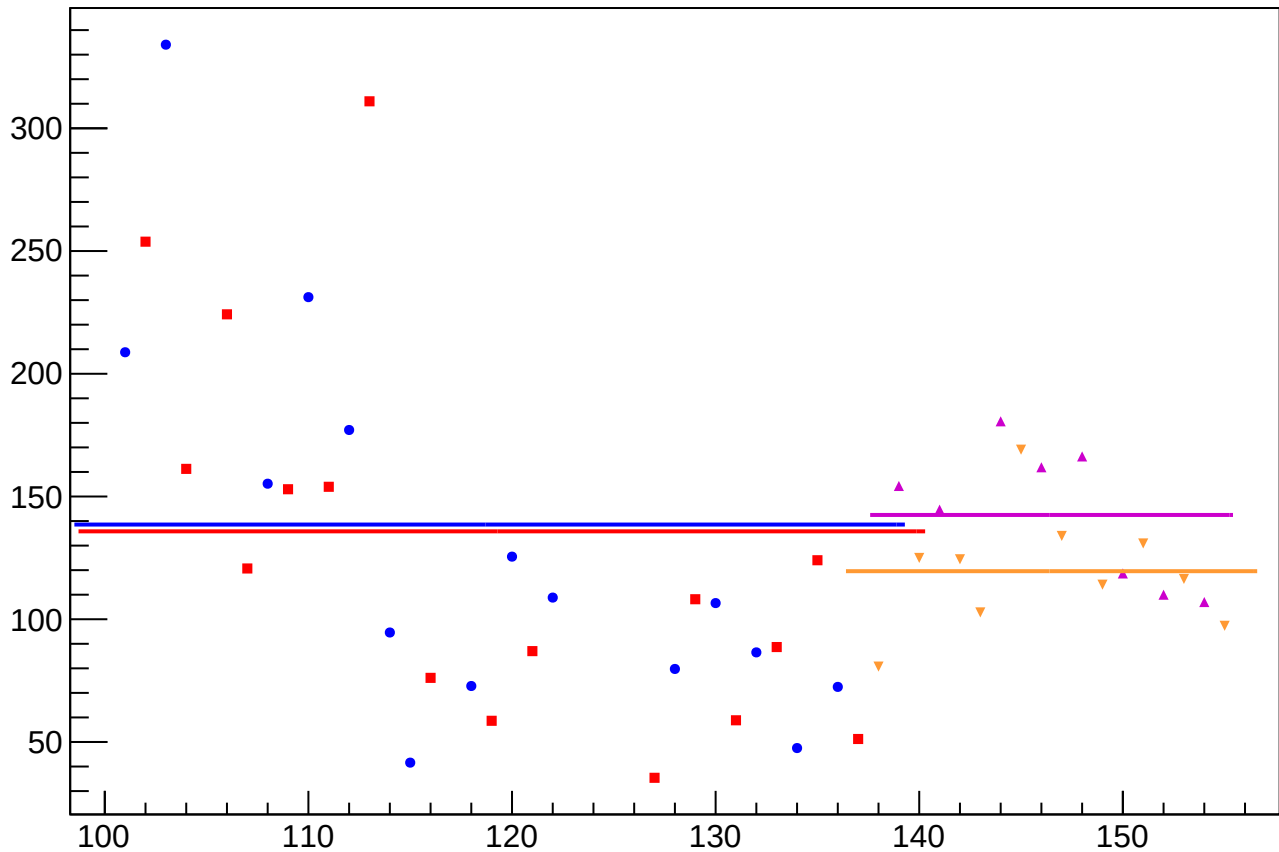
dit_sam1_coil1_mean vs Slug



Right In: 2881.935+/-0.000	χ^2/NDF : 1320319391496525533692082365878834823168.0/14
Left Out: 5641.575+/-0.000	χ^2/NDF : 2416938745550667579284963981248755138560.0/9
Right Out: 2656.918+/-0.000	χ^2/NDF : 1077696846216053561130716877125509447680.0/15
Left In: 6375.351+/-0.000	χ^2/NDF : 872250928566982324375579744768117178368.0/7

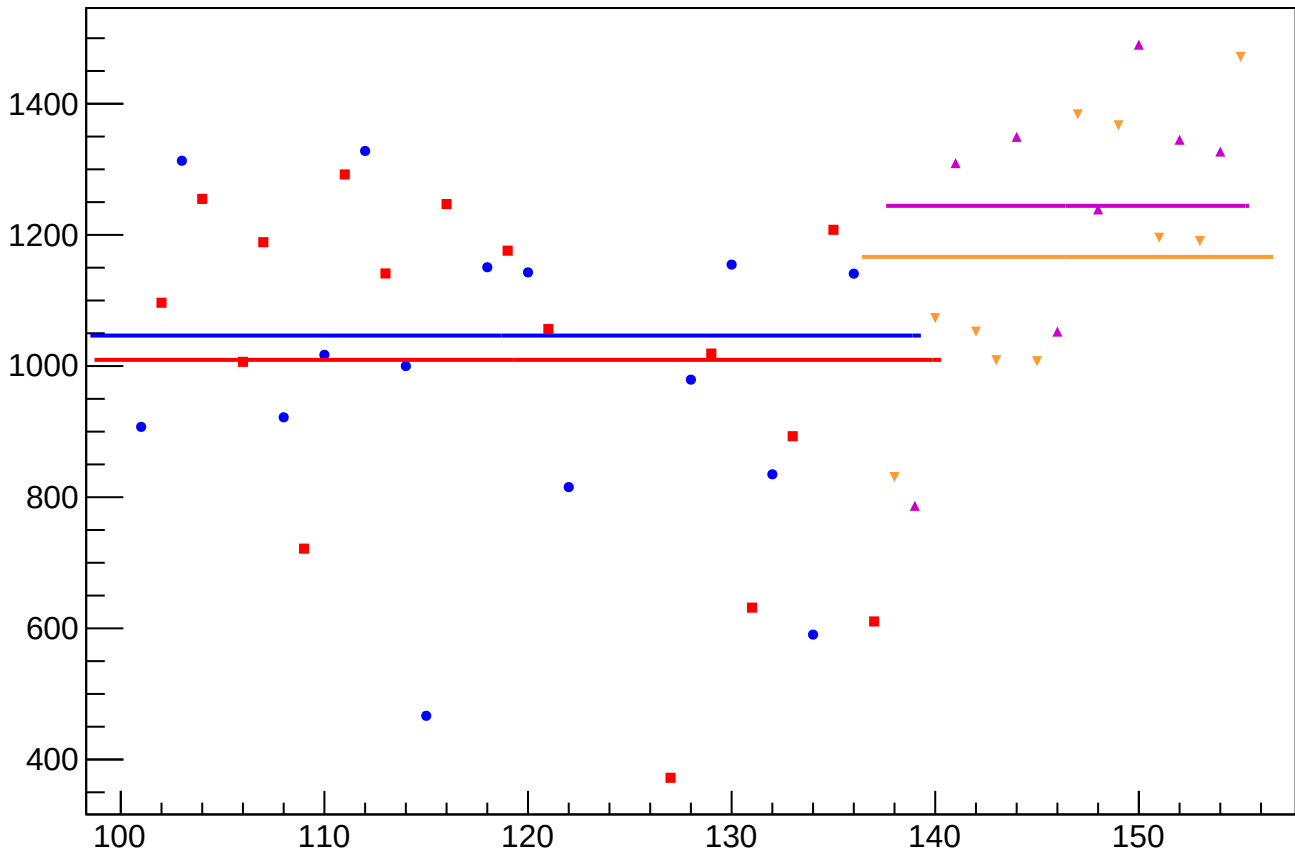
+ sign 4368.649+/-0.000 χ^2/NDF : 63999720079004
 All: 4455.834+/-0.000 χ^2/NDF : 13057742514
 - sign 4546.299+/-0.000 χ^2/NDF : 66359783090259

dit_sam1_coil1_err_mean vs Slug



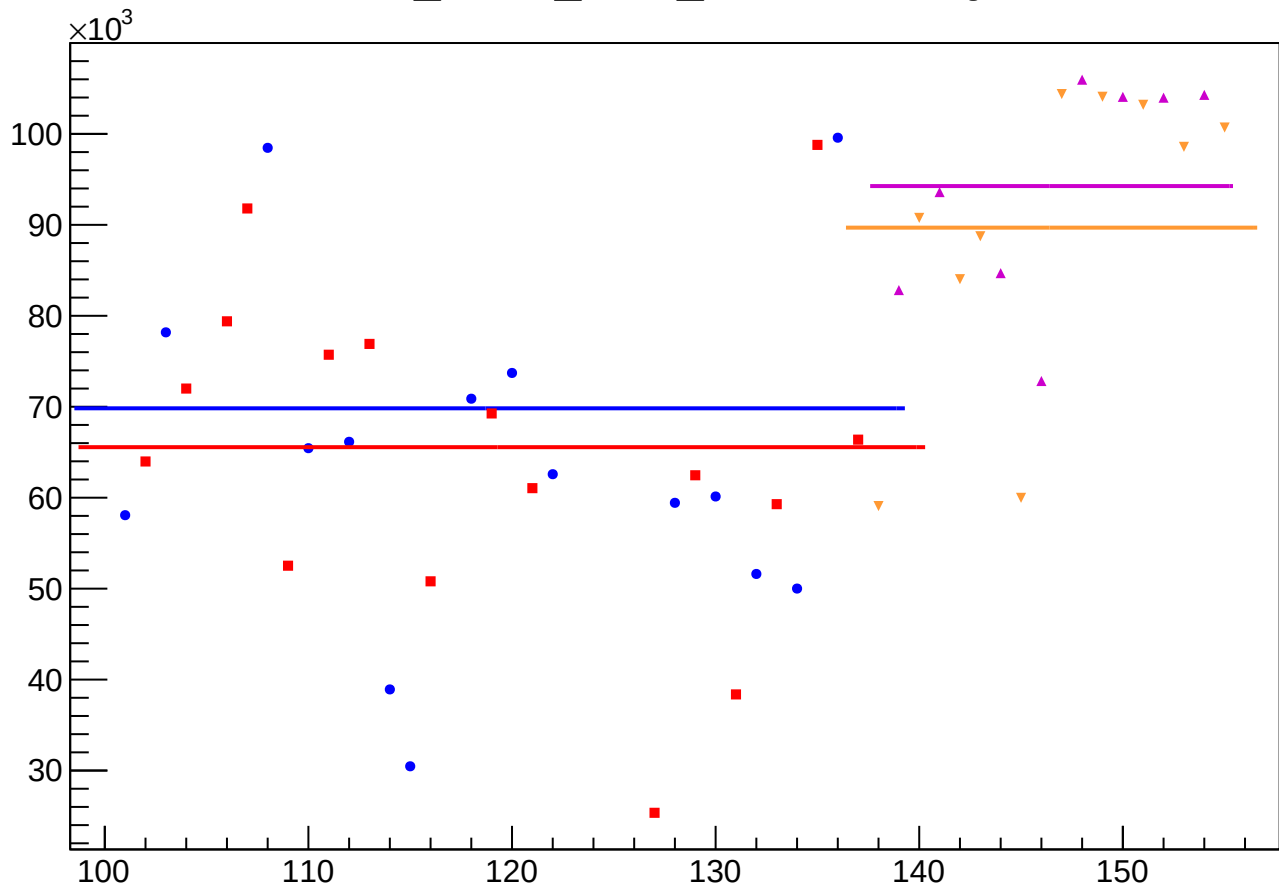
Right In: 138.577+/-0.000 χ^2/NDF : 4242369889979811373883774021335515136.0/14
 Left Out: 119.579+/-0.000 χ^2/NDF : 407547198693535791926980199560773632.0/9
 Right Out: 135.809+/-0.000 χ^2/NDF : 3956401741862524263243160868173643776.0/15
 Left In: 142.485+/-0.000 χ^2/NDF : 475749759034764175431521607822082048.0/7

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1111.134+/-0.000	χ^2/NDF : 58342365270188
Left Out: 1166.483+/-0.000	χ^2/NDF : 28441538354144246944996838385622450176.0/9	All: 1119.798+/-0.000	χ^2/NDF : 15020076133
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1128.788+/-0.000	χ^2/NDF : 91643187215932
Left In: 1244.321+/-0.000	χ^2/NDF : 28343886144136596546146079788396183552.0/7		

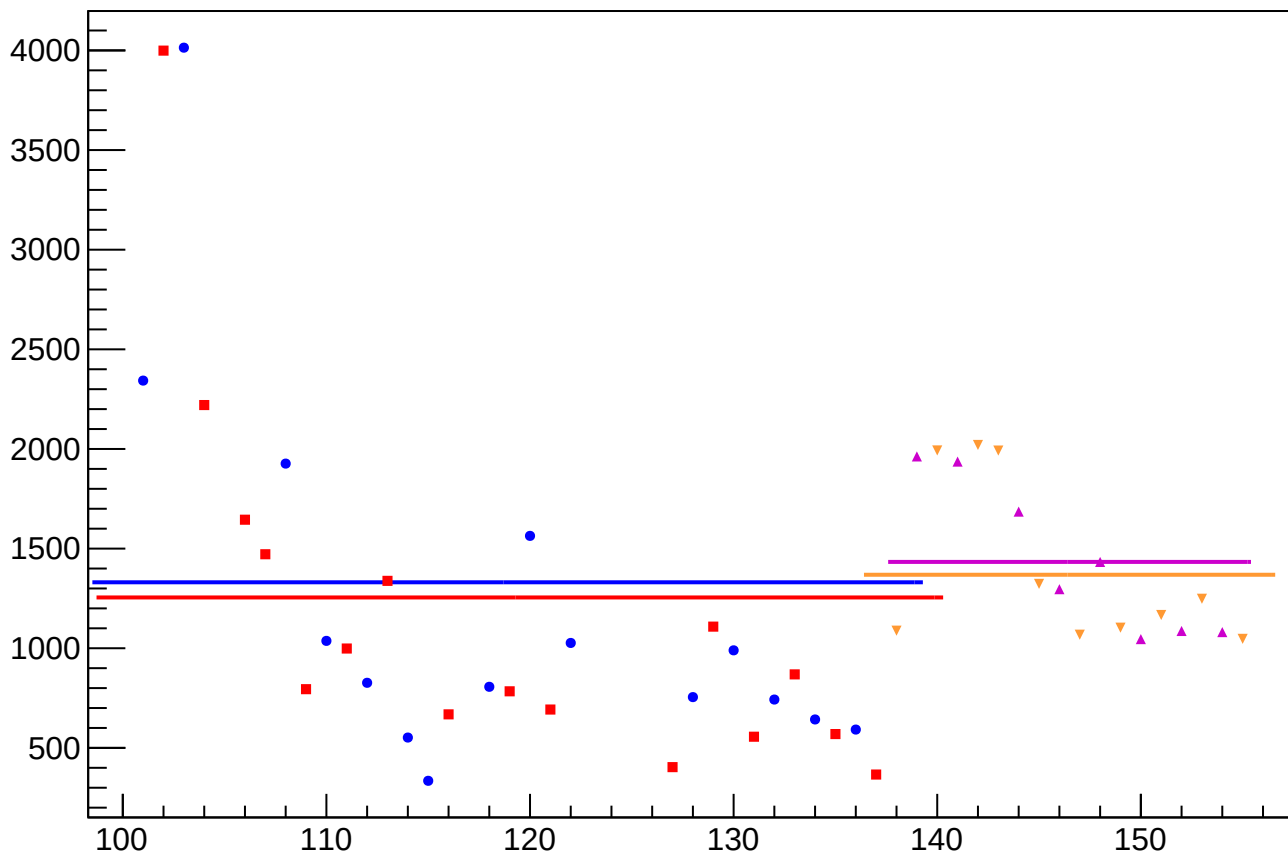
dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000	χ^2/NDF : 187803282116493131197684060541288926150656.0/14
Left Out: 89693.015+/-0.000	χ^2/NDF : 210899593256885977774607856149828078665728.0/9
Right Out: 65555.147+/-0.000	χ^2/NDF : 212001467811386750910625783195999741673472.0/15
Left In: 94264.148+/-0.000	χ^2/NDF : 94343064217856917752993216086522160218112.0/7

+ sign 80529.883+/-0.000 χ^2/NDF : 5366798038795
 All: 80339.785+/-0.000 χ^2/NDF : 1122460460
 - sign 80142.538+/-0.000 χ^2/NDF : 5856770602898

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956 $\pm$ 0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14

Left Out: 1368.793 $\pm$ 0.000 χ^2/NDF : 109392103217306921427746915218240831488.0/9

Right Out: 1254.871 $\pm$ 0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15

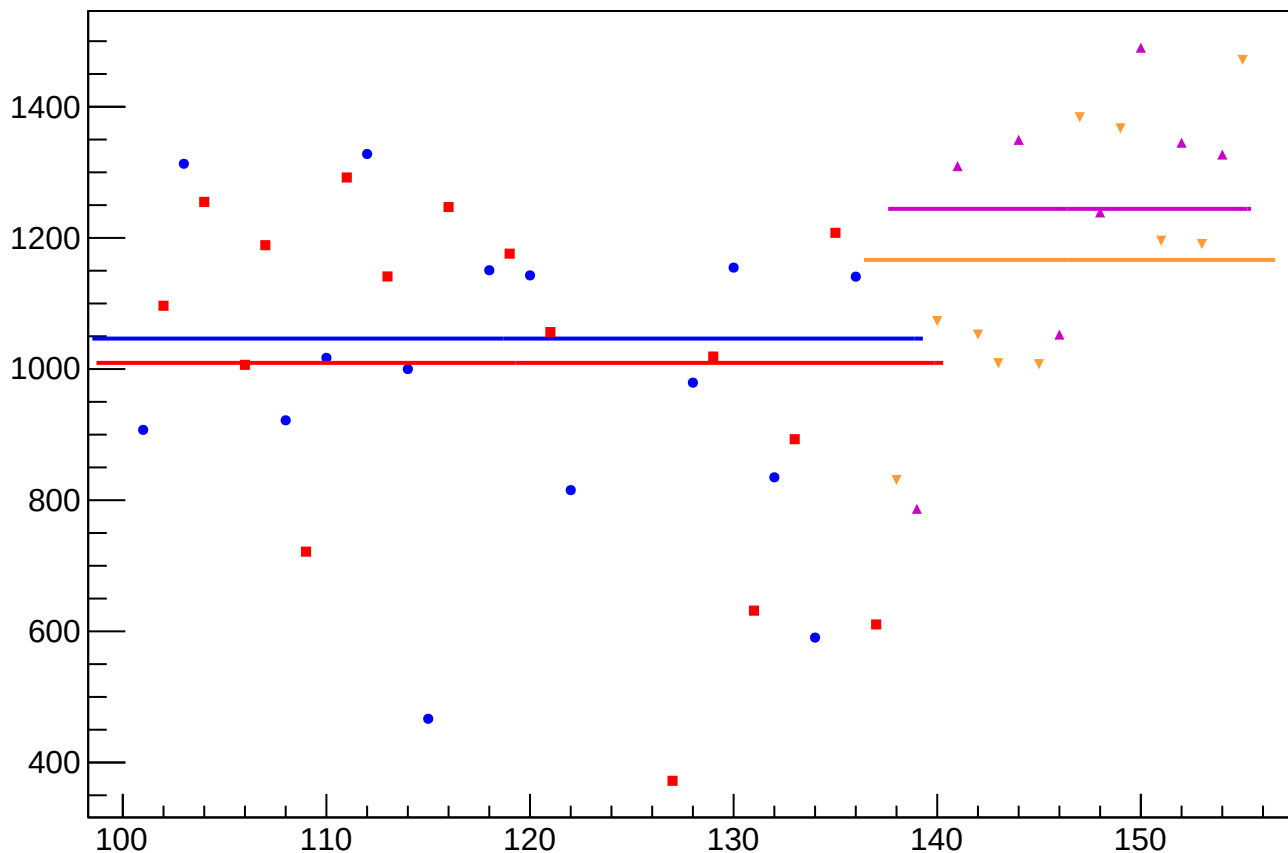
Left In: 1433.252 $\pm$ 0.000 χ^2/NDF : 86616416746380836886752441714138415104.0/7

+ sign 1351.340 $\pm$ 0.000 χ^2/NDF : 75937393351339

All: 1348.478 $\pm$ 0.000 χ^2/NDF : 1488937955

- sign 1345.509 $\pm$ 0.000 χ^2/NDF : 72954053833020

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

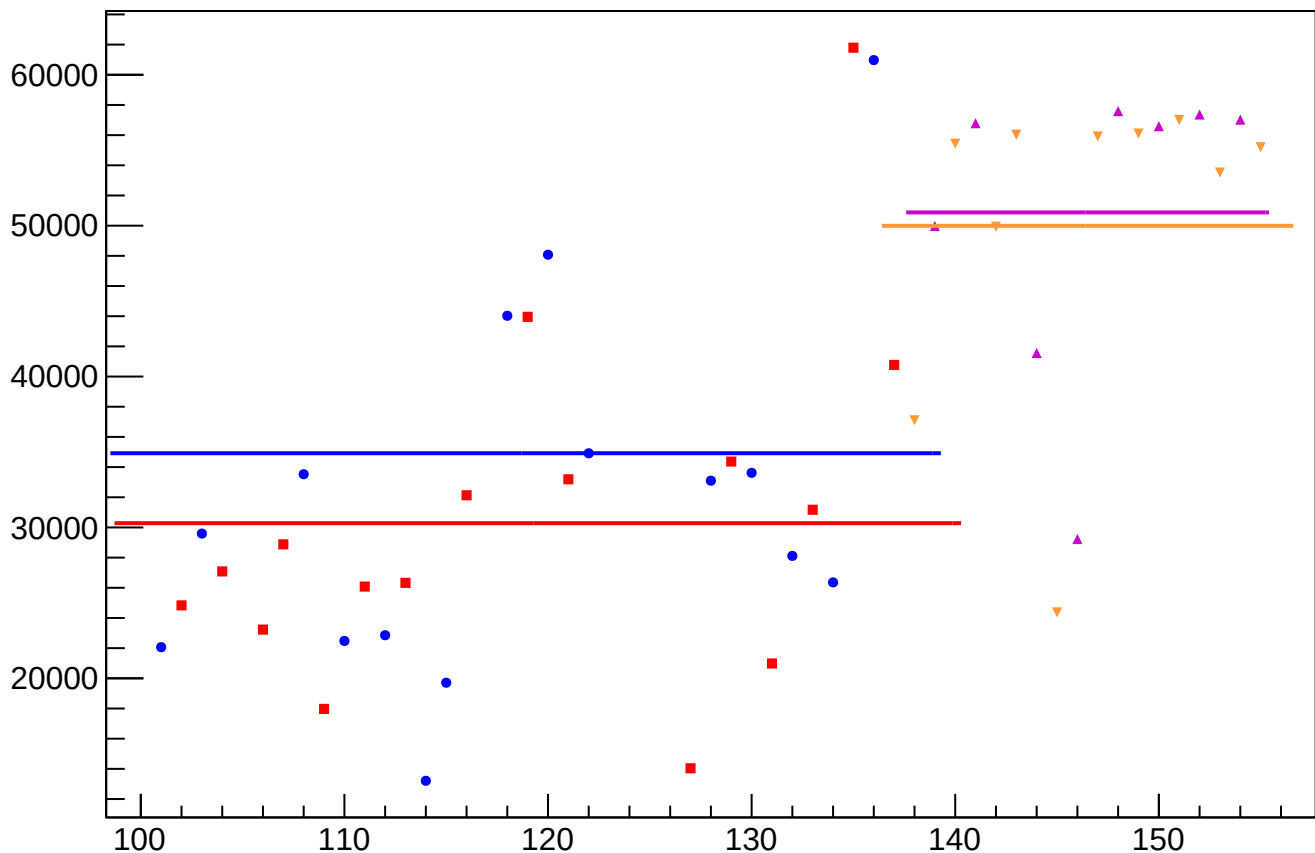
Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

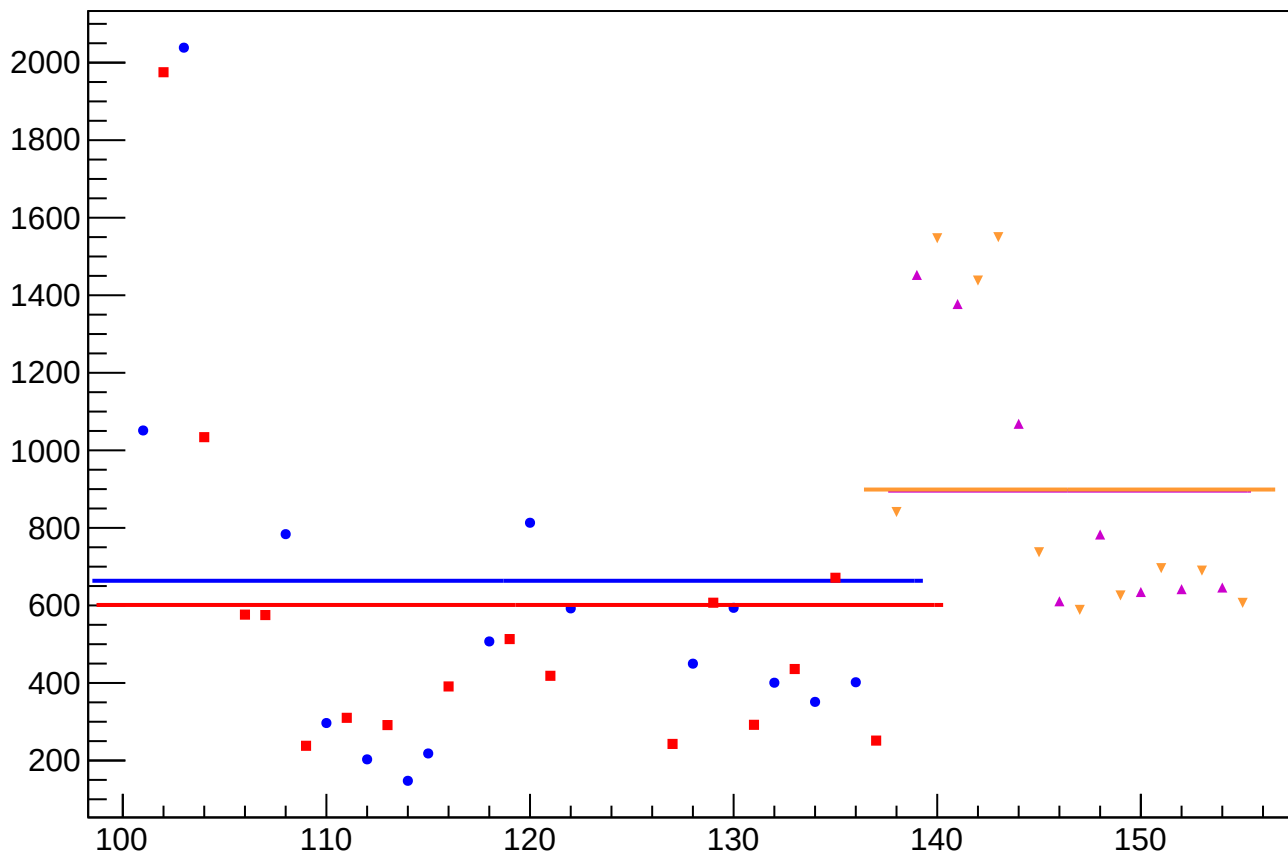
All: 1119.798+/-0.000 χ^2/NDF : 15020076133

dit_sam3_coil1_mean vs Slug



Right In: 34919.716 ± 0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 49989.685 ± 0.000 χ^2/NDF : 83899048027911534929930680062909037412352.0/9
 Right Out: 30282.373 ± 0.000 χ^2/NDF : 88346165266593126627598951693506073067520.0/15
 Left In: 50878.326 ± 0.000 χ^2/NDF : 63435191233370861075242107459237744476160.0/7

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

+ sign 790.358+/-0.000 χ^2/NDF : 283134782258814

Left Out: 898.910+/-0.000 χ^2/NDF : 106078808539347939933769960623934799872.0/9

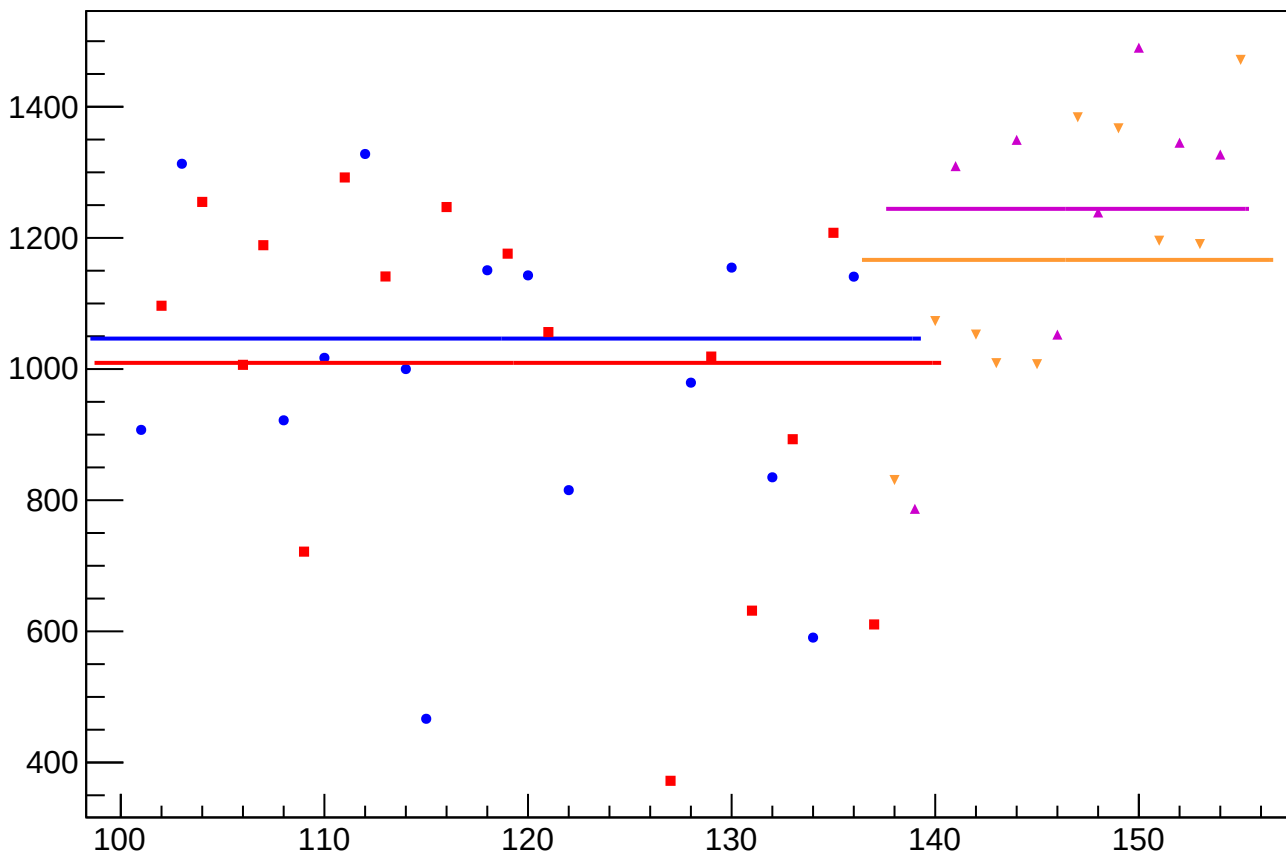
All: 771.064+/-0.000 χ^2/NDF : 536036972652

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

- sign 751.044+/-0.000 χ^2/NDF : 251834956636719

Left In: 896.088+/-0.000 χ^2/NDF : 72649021093431098026649438354904449024.0/7

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

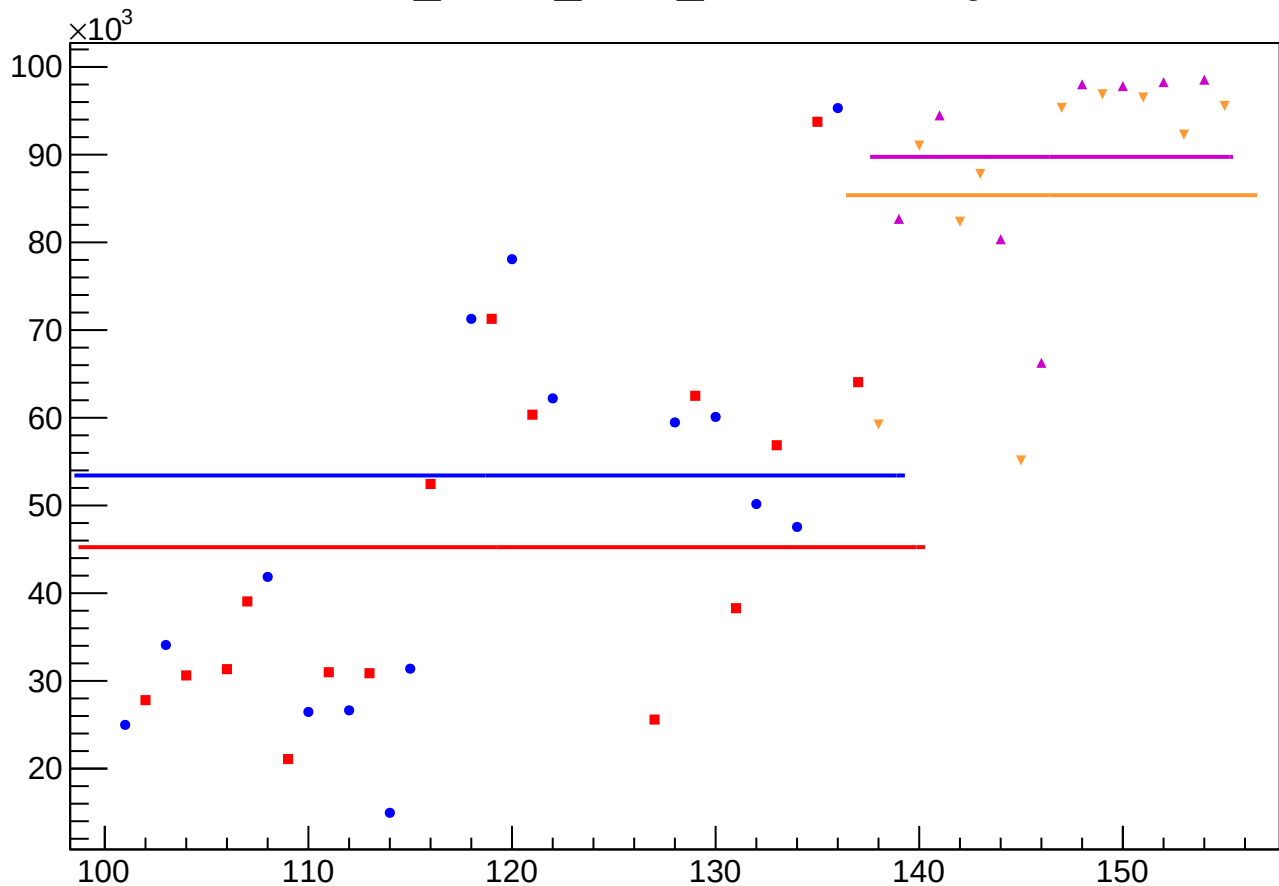
Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

+ sign 1111.134+/-0.000 χ^2/NDF : 58342365270188

All: 1119.798+/-0.000 χ^2/NDF : 15020076133

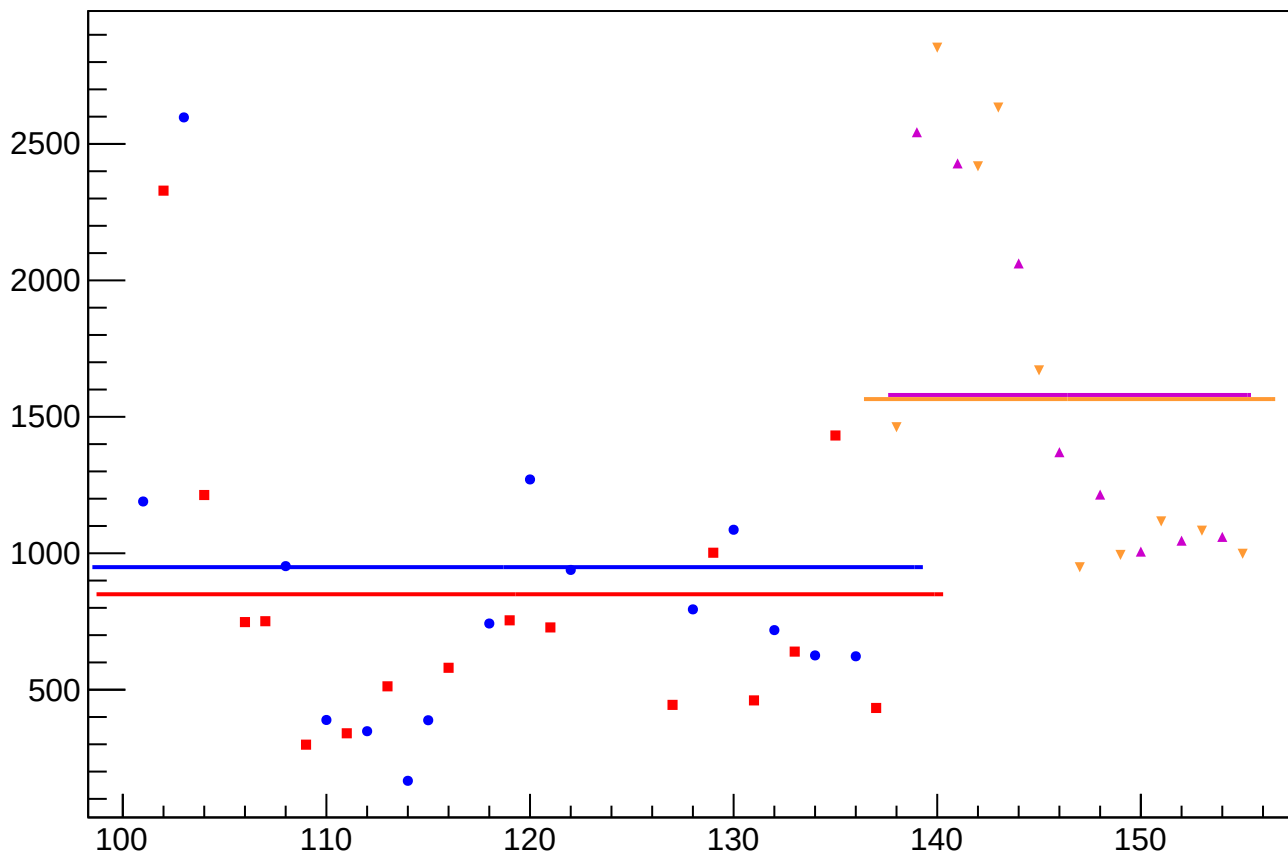
- sign 1128.788+/-0.000 χ^2/NDF : 91643187215932

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 85379.885+/-0.000 χ^2/NDF : 171595509788069479321318865910556176416768.0/9
 Right Out: 45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: 89750.326+/-0.000 χ^2/NDF : 84451837409429374680320749676144139173888.0/7

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1565.035+/-0.000 χ^2/NDF : 365611437528686231220706319806121377792.0/9

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

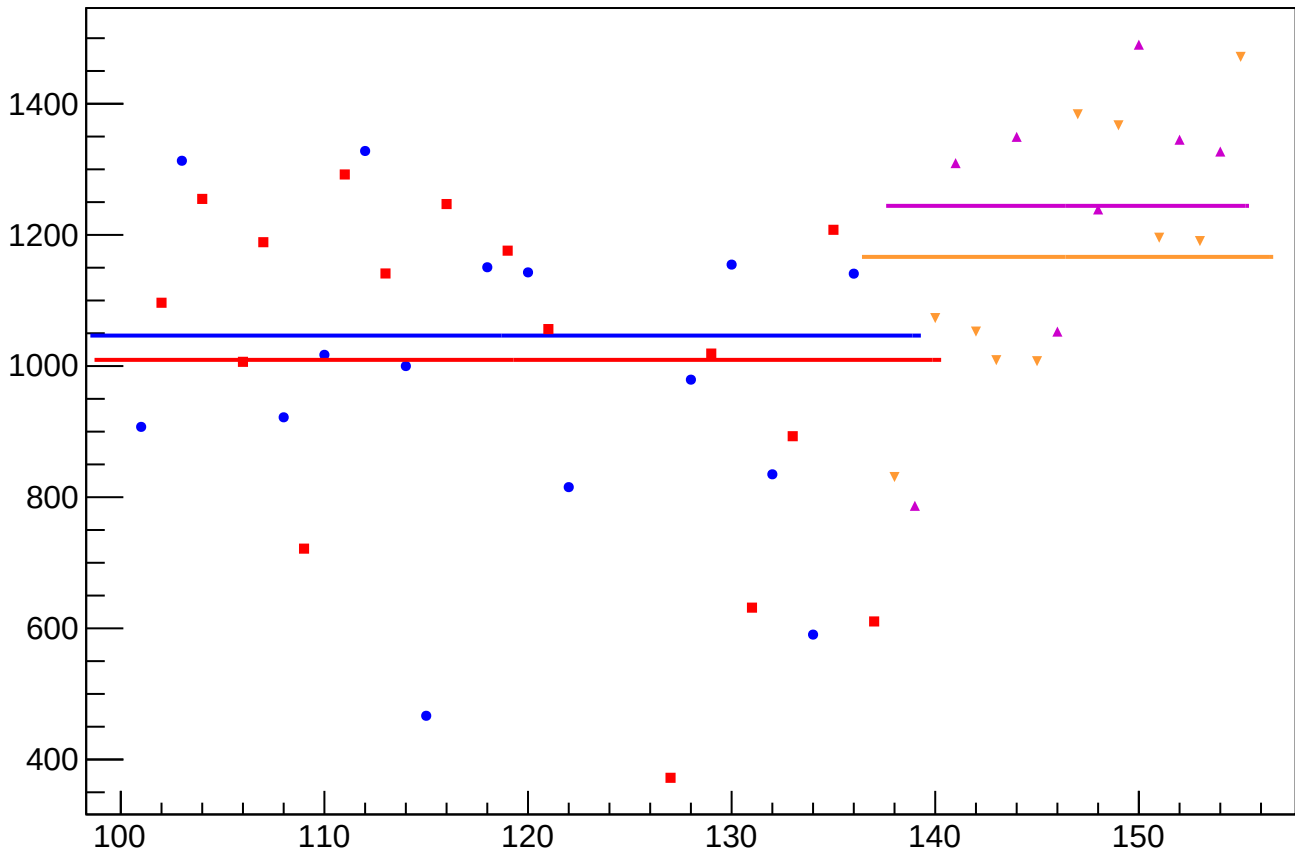
Left In: 1580.122+/-0.000 χ^2/NDF : 250670626901582989527393769784141152256.0/7

+ sign 1280.970+/-0.000 χ^2/NDF : 72390521506631

All: 1251.489+/-0.000 χ^2/NDF : 13624415216

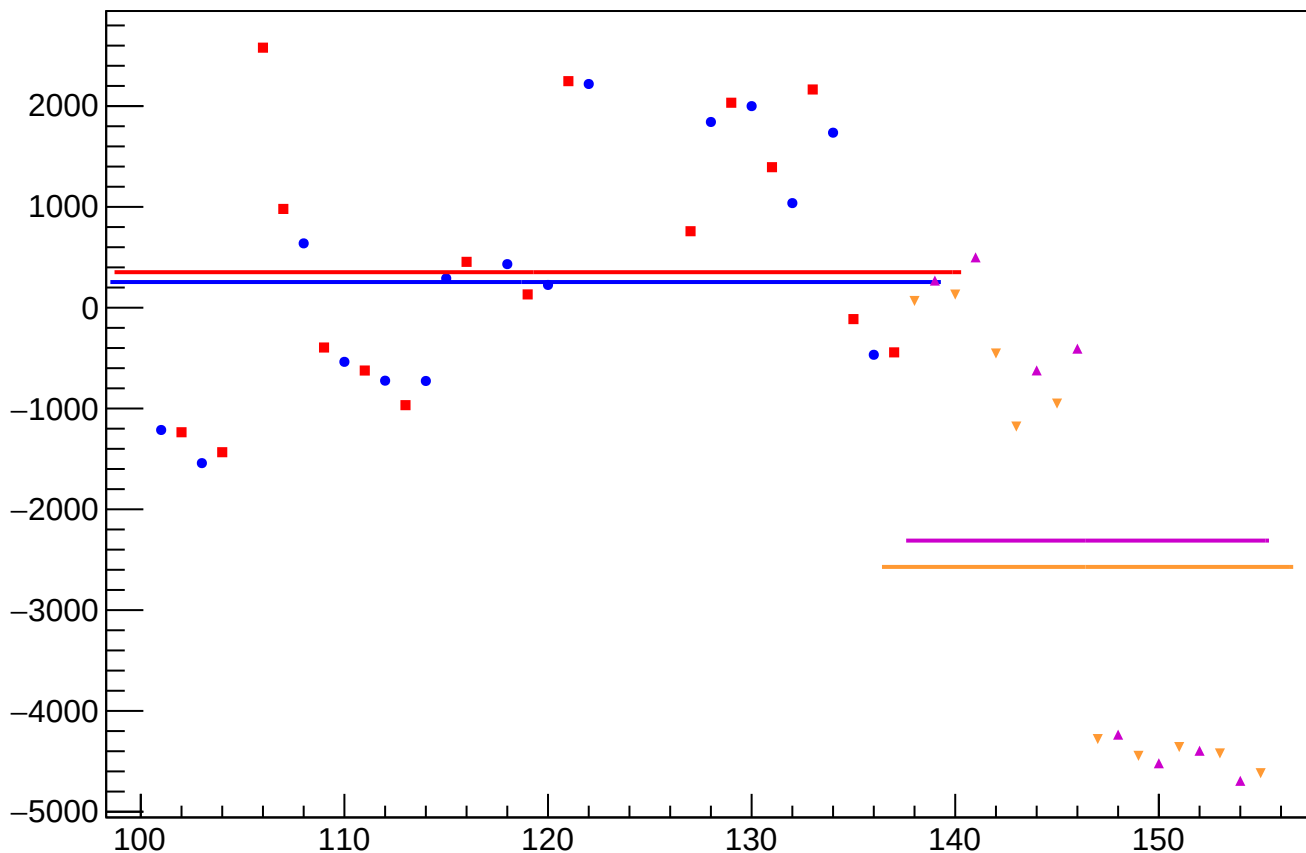
- sign 1220.898+/-0.000 χ^2/NDF : 63604449420151

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: -2571.467+/-0.000 χ^2/NDF : 3084577208219758708001349734571838537728.0/9

Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

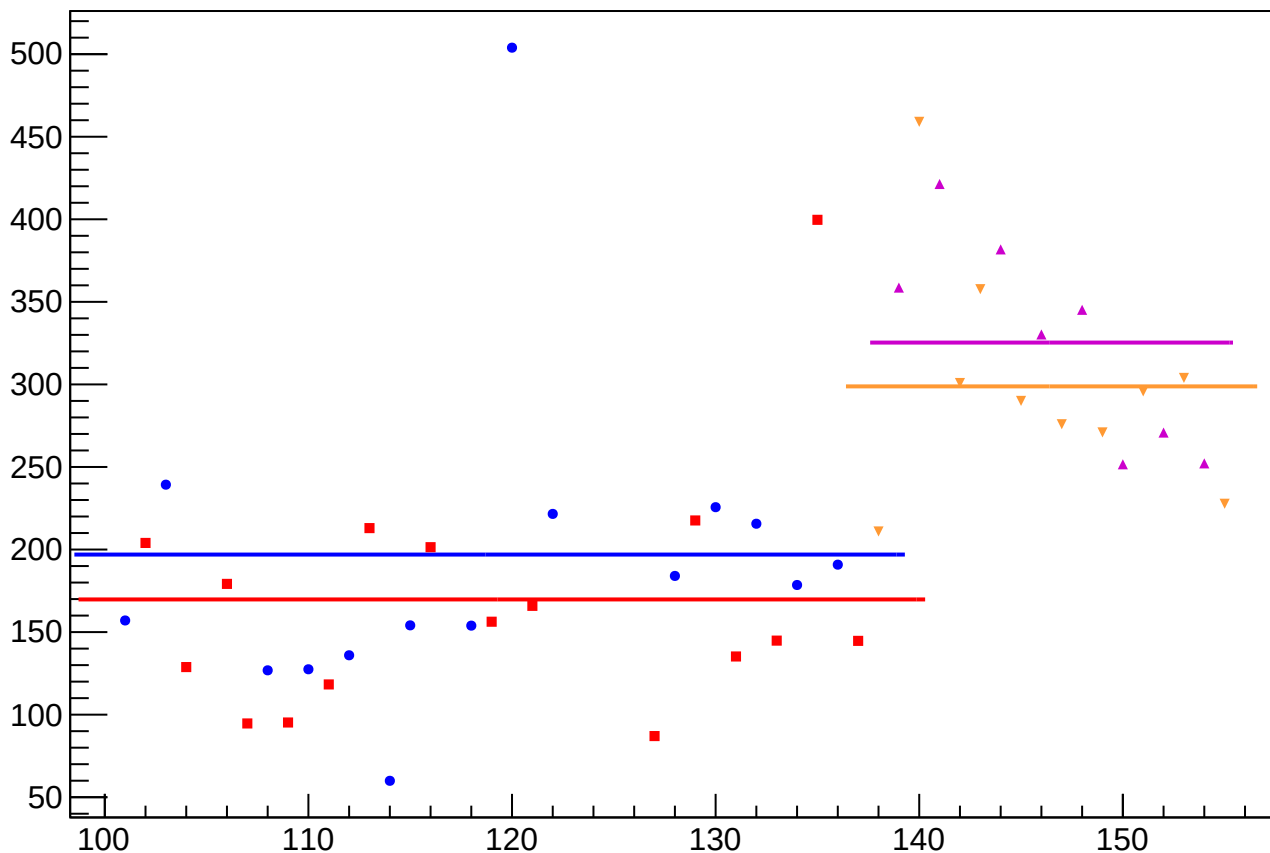
Left In: -2310.373+/-0.000 χ^2/NDF : 3403523723154192096821482374544276586496.0/7

+ sign -1267.911+/-0.000 χ^2/NDF : 6855381532644

All: -1136.738+/-0.000 χ^2/NDF : 1381188055

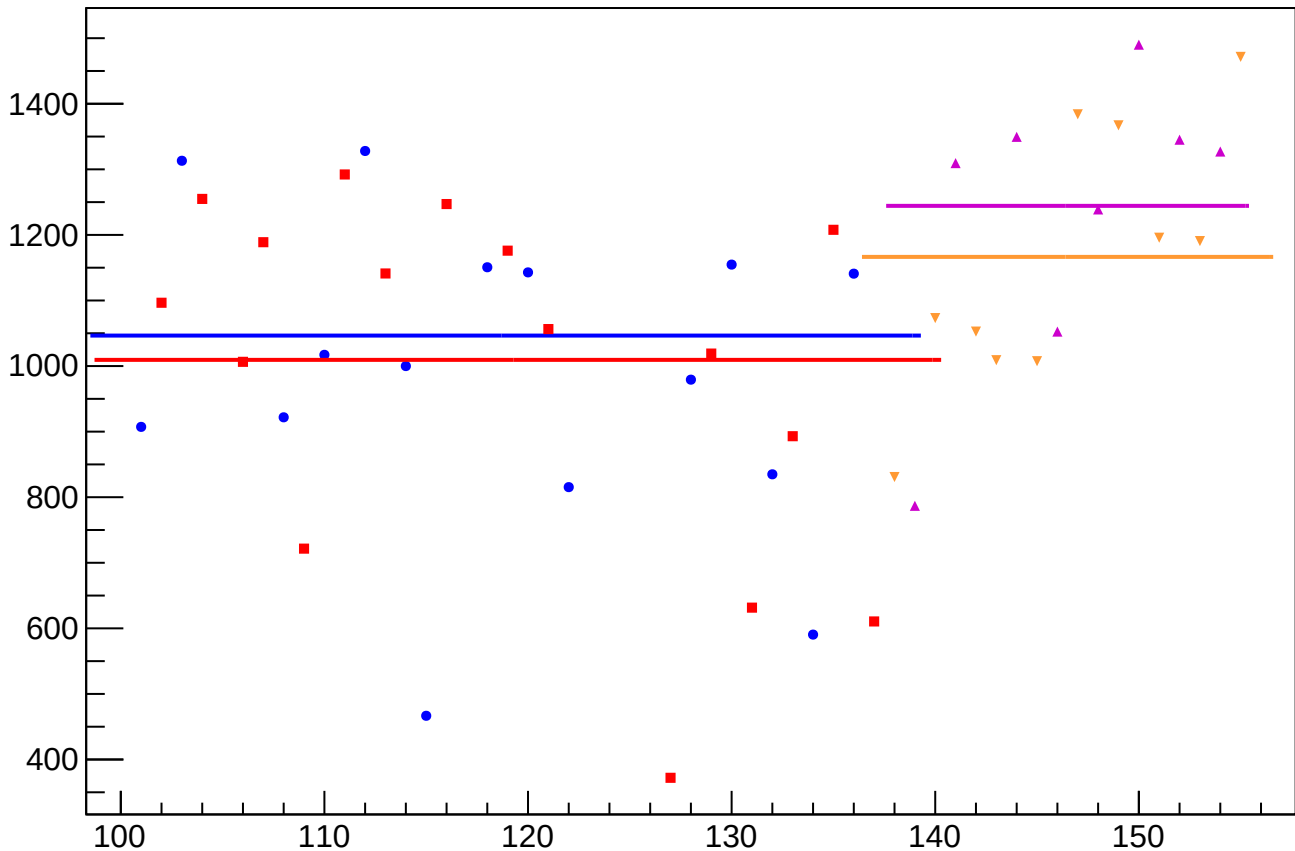
- sign -1000.633+/-0.000 χ^2/NDF : 69071702867182

dit_sam5_coil1_err_mean vs Slug



Right In: 196.955+/-0.000 χ^2/NDF : 4485245160329657914621372425838788608.0/14
 Left Out: 298.804+/-0.000 χ^2/NDF : 3459084385511860340774198871322525696.0/9
 Right Out: 169.778+/-0.000 χ^2/NDF : 3892609445494845784493558646385410048.0/15
 Left In: 325.338+/-0.000 χ^2/NDF : 2421608752249302792719094693817745408.0/7
 All: 250.350+/-0.000 χ^2/NDF : 260928350362
 + sign 251.825+/-0.000 χ^2/NDF : 115711592304080
 - sign 248.820+/-0.000 χ^2/NDF : 145154414652770

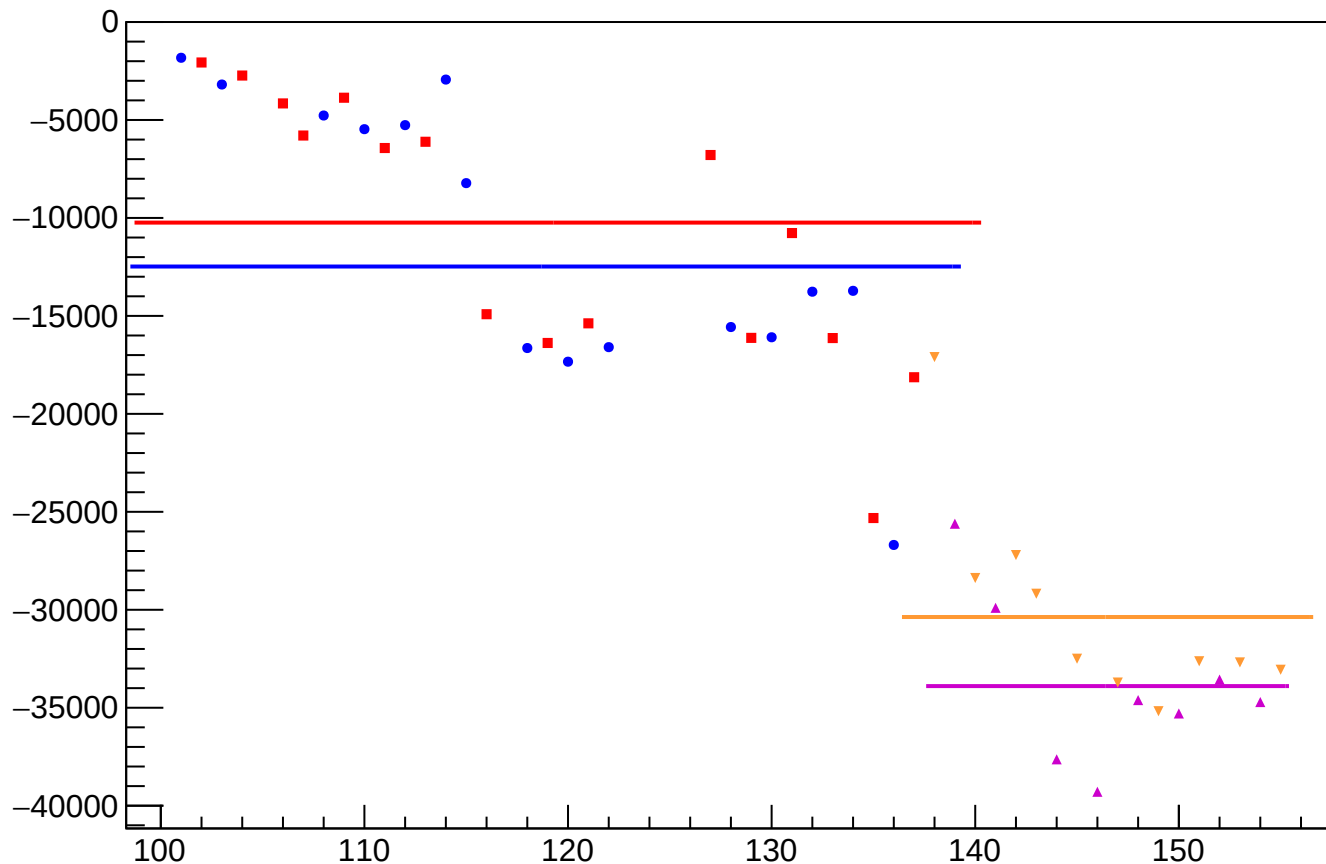
dit_sam5_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14
Left Out: 1166.483+/-0.000	χ^2/NDF : 28441538354144246944996838385622450176.0/9
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15
Left In: 1244.321+/-0.000	χ^2/NDF : 28343886144136596546146079788396183552.0/7

+ sign 1111.134+/-0.000 χ^2/NDF : 58342365270188
 All: 1119.798+/-0.000 χ^2/NDF : 15020076133
 - sign 1128.788+/-0.000 χ^2/NDF : 91643187215932

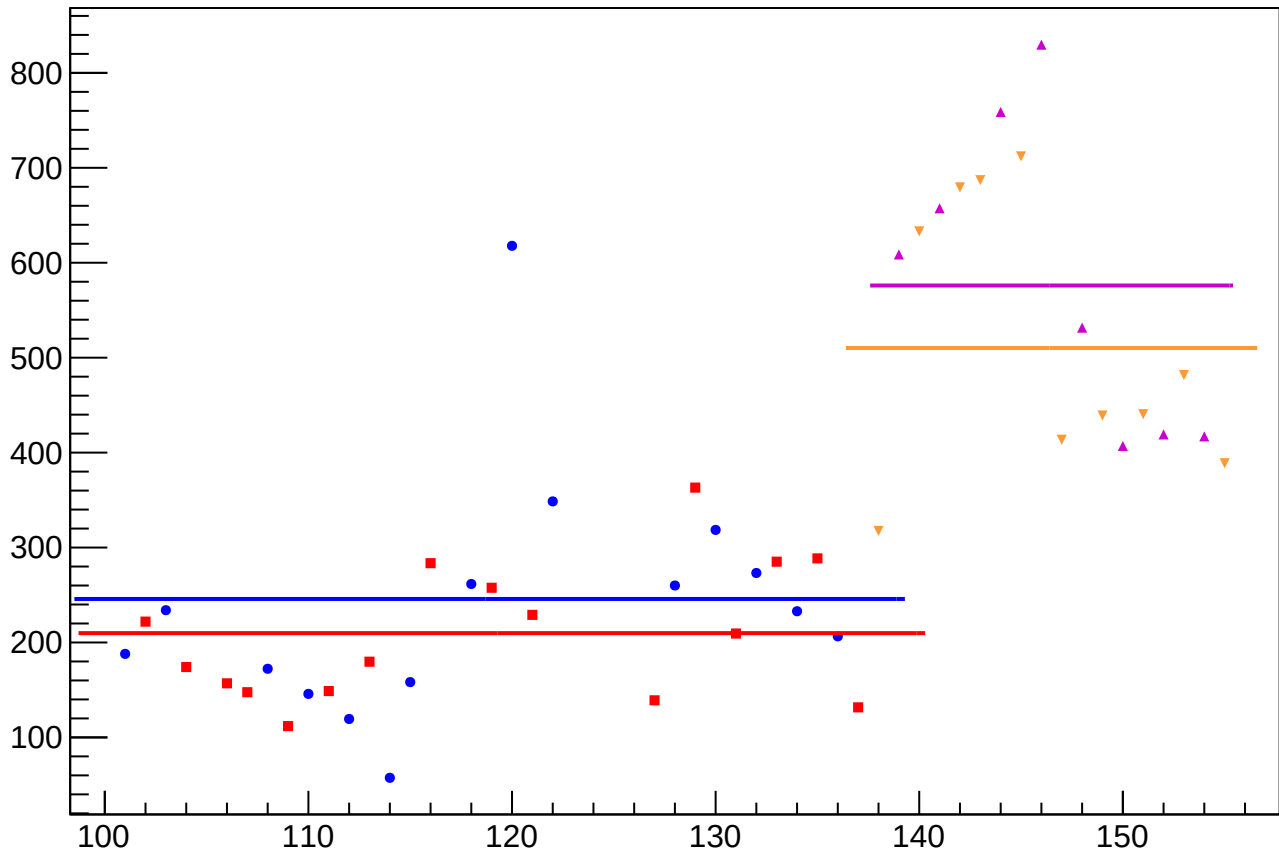
dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000	χ^2/NDF : 41178633231253805317353333973475271901184.0/14
Left Out: -30369.376+/-0.000	χ^2/NDF : 19219400755857935277097731715493202493440.0/9
Right Out: -10238.098+/-0.000	χ^2/NDF : 31227861126159534031961501923223718068224.0/15
Left In: -33894.894+/-0.000	χ^2/NDF : 10867764879080526923511766445745070145536.0/7

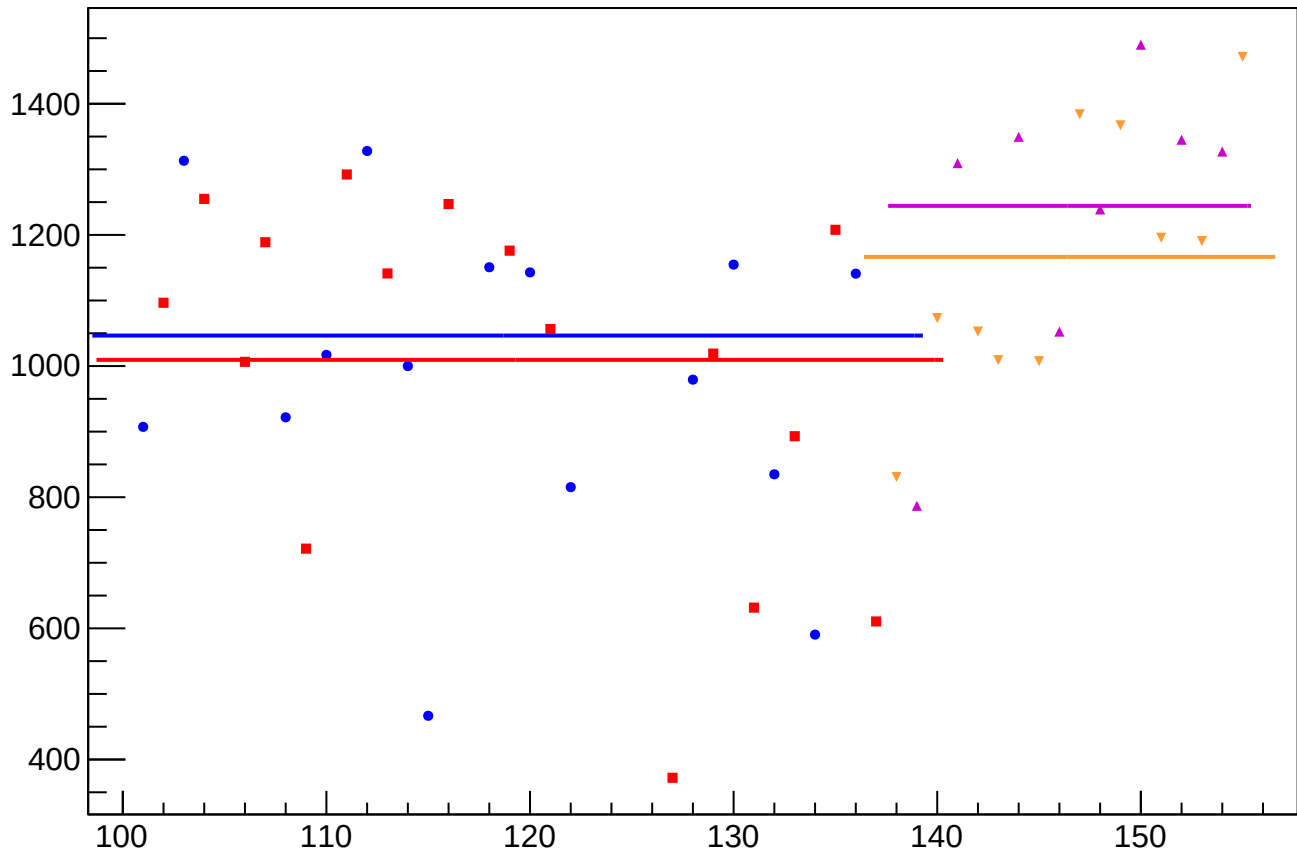
+ sign -22117.471+/-0.000 χ^2/NDF : 172297253771.0/10
 All: -22186.636+/-0.000 χ^2/NDF : 404075982.0/15
 - sign -22258.402+/-0.000 χ^2/NDF : 2317650139060.0/10

dit_sam6_coil1_err_mean vs Slug



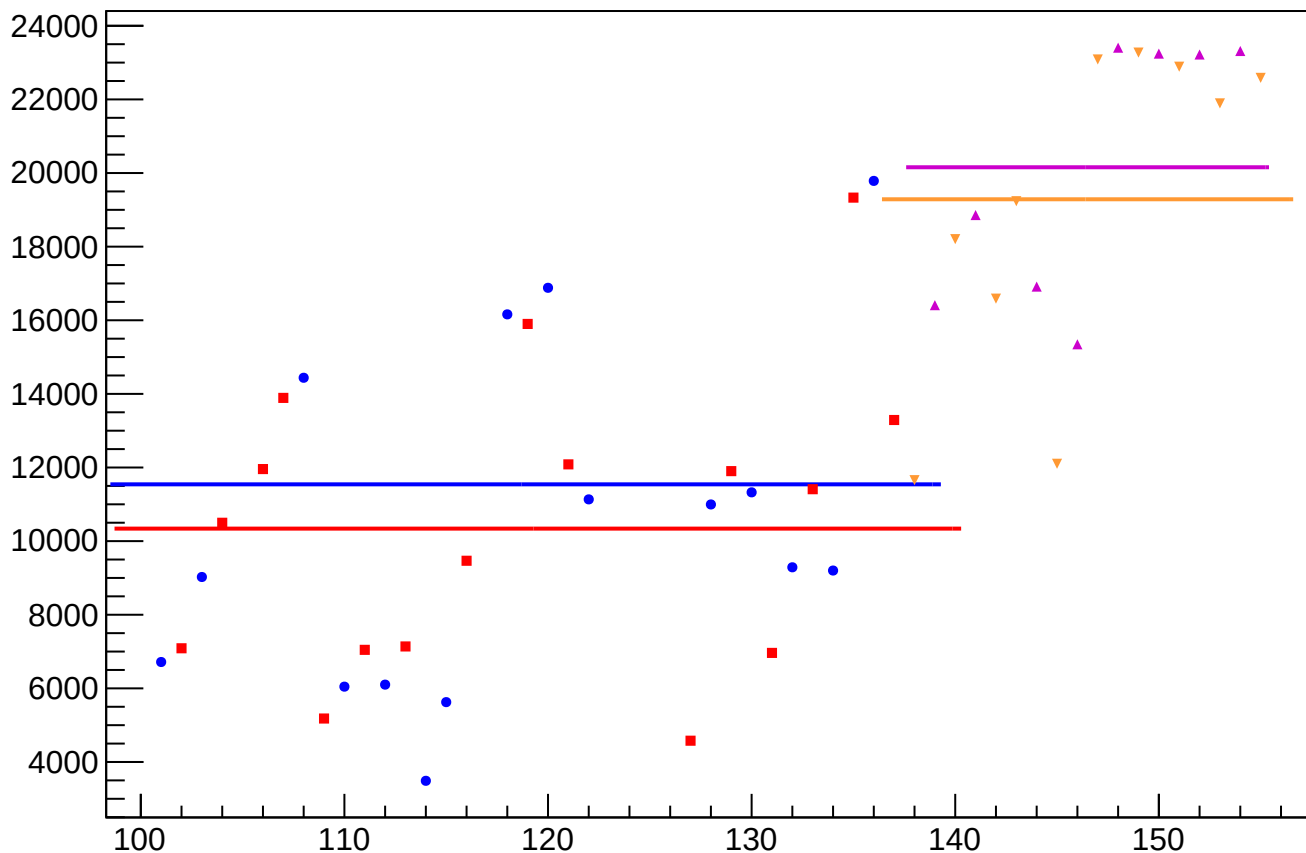
Right In: 245.832+/-0.000	χ^2/NDF : 7828269009300013139414476154059358208.0/14	+ sign 388.255+/-0.000	χ^2/NDF : 458868741691048
Left Out: 510.198+/-0.000	χ^2/NDF : 13622627505107148100639107760359735296.0/9	All: 392.007+/-0.000	χ^2/NDF : 110615423542
Right Out: 209.844+/-0.000	χ^2/NDF : 3128489258838765241921217786024034304.0/15	- sign 395.900+/-0.000	χ^2/NDF : 646881963693897
Left In: 576.015+/-0.000	χ^2/NDF : 16117959224148584983211542741031845888.0/7		

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1166.483+/-0.000 χ^2/NDF : 28441538354144246944996838385622450176.0/9
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1244.321+/-0.000 χ^2/NDF : 28343886144136596546146079788396183552.0/7

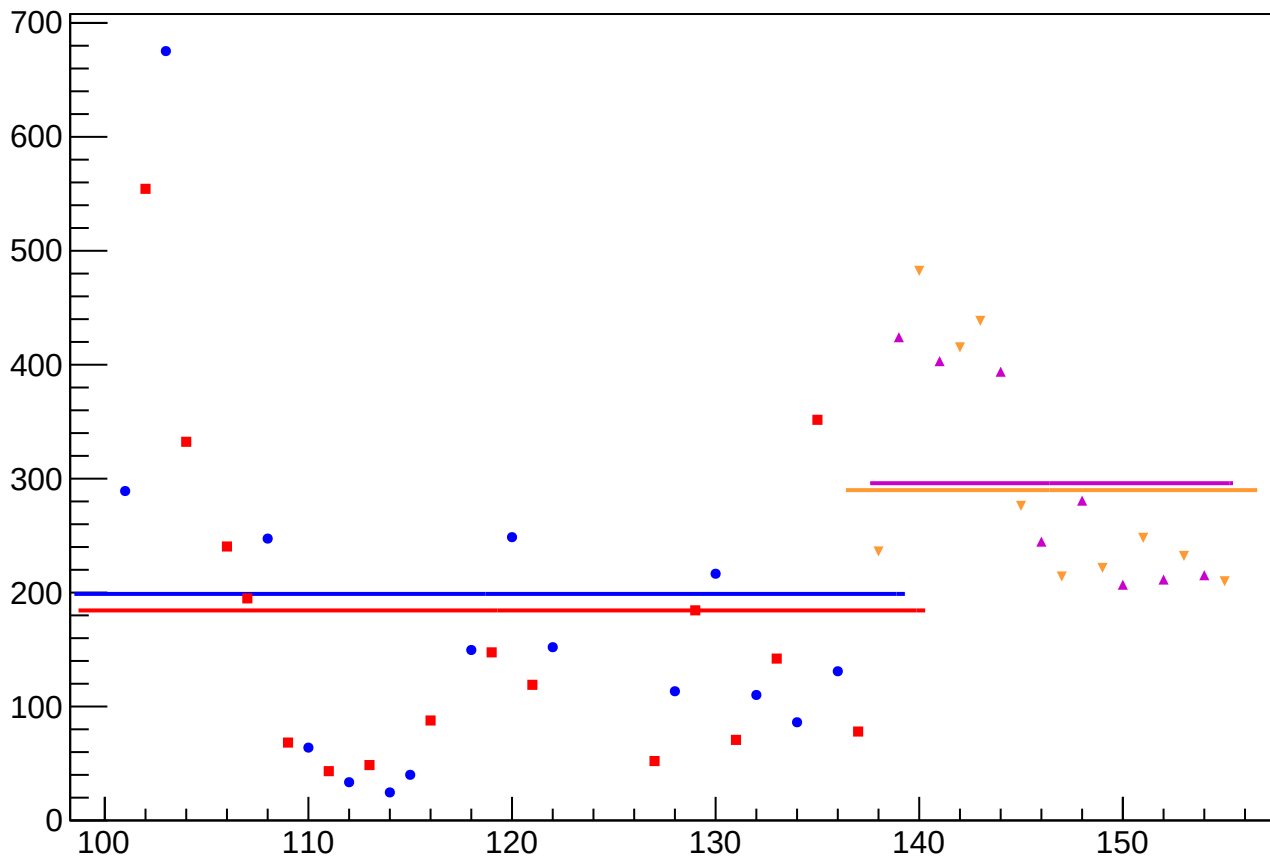
dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000	χ^2/NDF : 14233543123238566357226766219014687424512.0/14
Left Out: 19286.909+/-0.000	χ^2/NDF : 14061366782804760688215239217369095077888.0/9
Right Out: 10339.969+/-0.000	χ^2/NDF : 11260833863406751645923420062982418202624.0/15
Left In: 20156.695+/-0.000	χ^2/NDF : 7593733633147254115365749486284884148224.0/7

+ sign 15714.803+/-0.000 χ^2/NDF : 4926340470896
 All: 15524.955+/-0.000 χ^2/NDF : 1008814941
 - sign 15327.966+/-0.000 χ^2/NDF : 5151475895962

dit_sam7_coil1_err_mean vs Slug



Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

+ sign 247.920+/-0.000 χ^2/NDF : 284858283075334

Left Out: 289.934+/-0.000 χ^2/NDF : 7251159320208298492824273581743538176.0/9

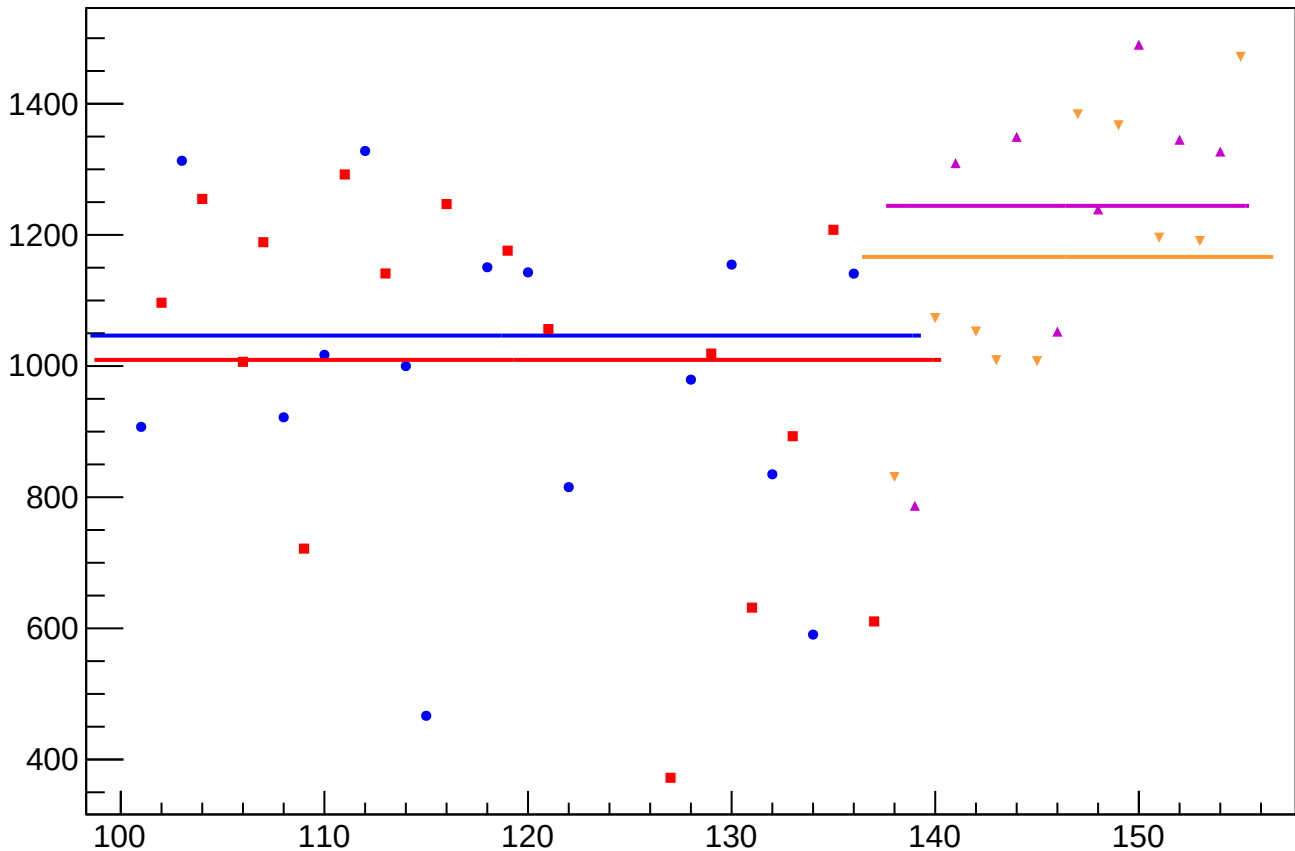
All: 244.562+/-0.000 χ^2/NDF : 529937991927

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

- sign 241.078+/-0.000 χ^2/NDF : 244756480802809

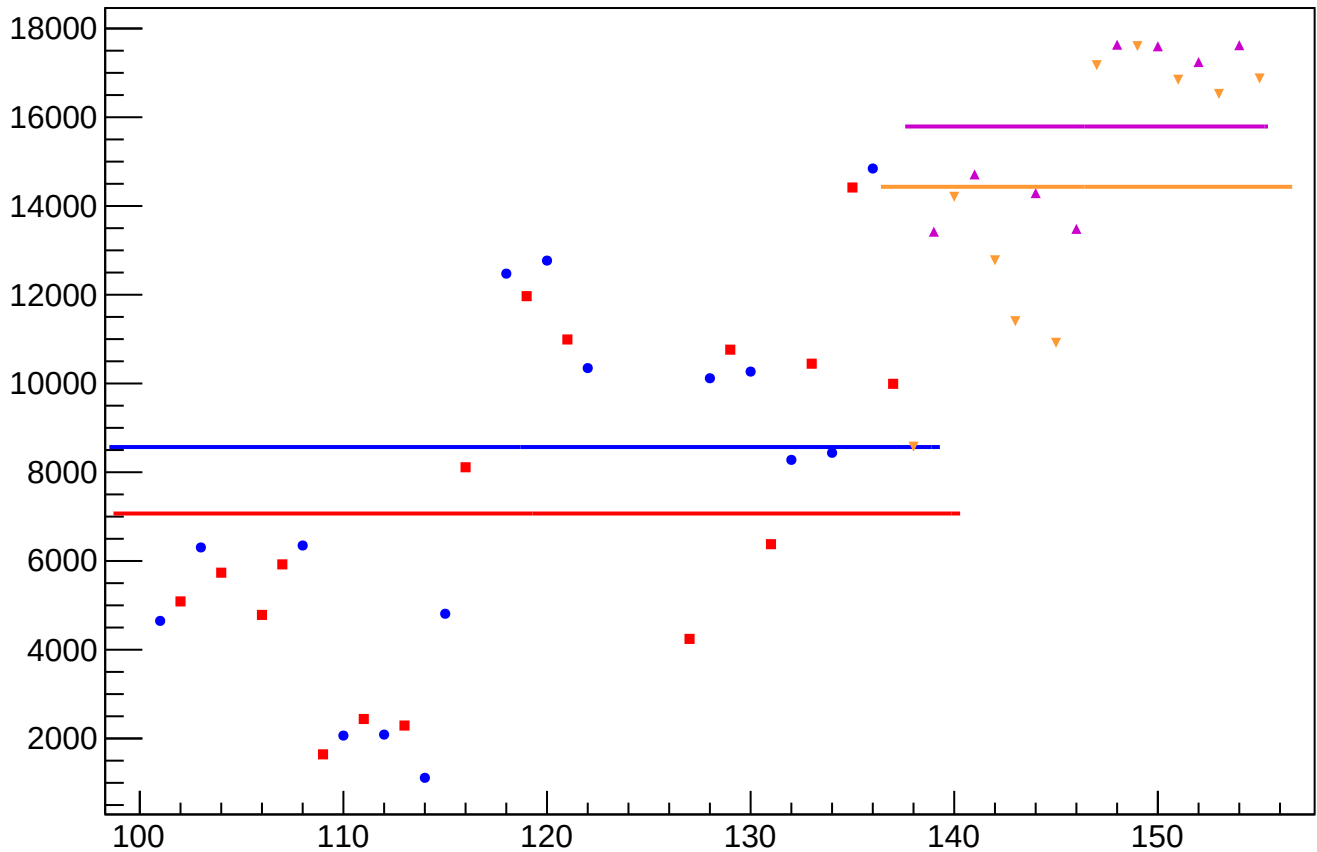
Left In: 296.016+/-0.000 χ^2/NDF : 5320574347117591093525406831200960512.0/7

dit_sam7_coil1_Ndata_mean vs Slug



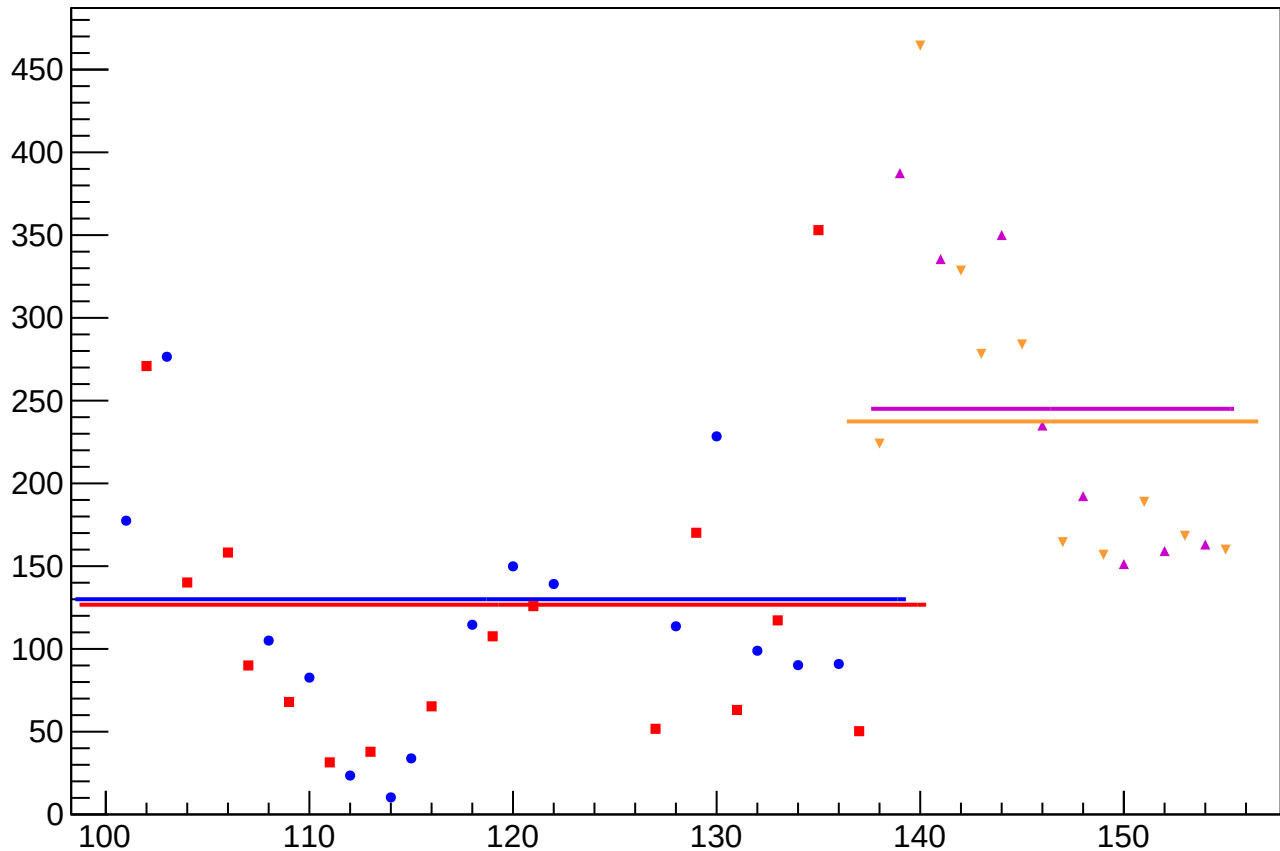
Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1111.134+/-0.000	χ^2/NDF : 58342365270188
Left Out: 1166.483+/-0.000	χ^2/NDF : 28441538354144246944996838385622450176.0/9	All: 1119.798+/-0.000	χ^2/NDF : 15020076133
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1128.788+/-0.000	χ^2/NDF : 91643187215932
Left In: 1244.321+/-0.000	χ^2/NDF : 28343886144136596546146079788396183552.0/7		

dit_sam8_coil1_mean vs Slug



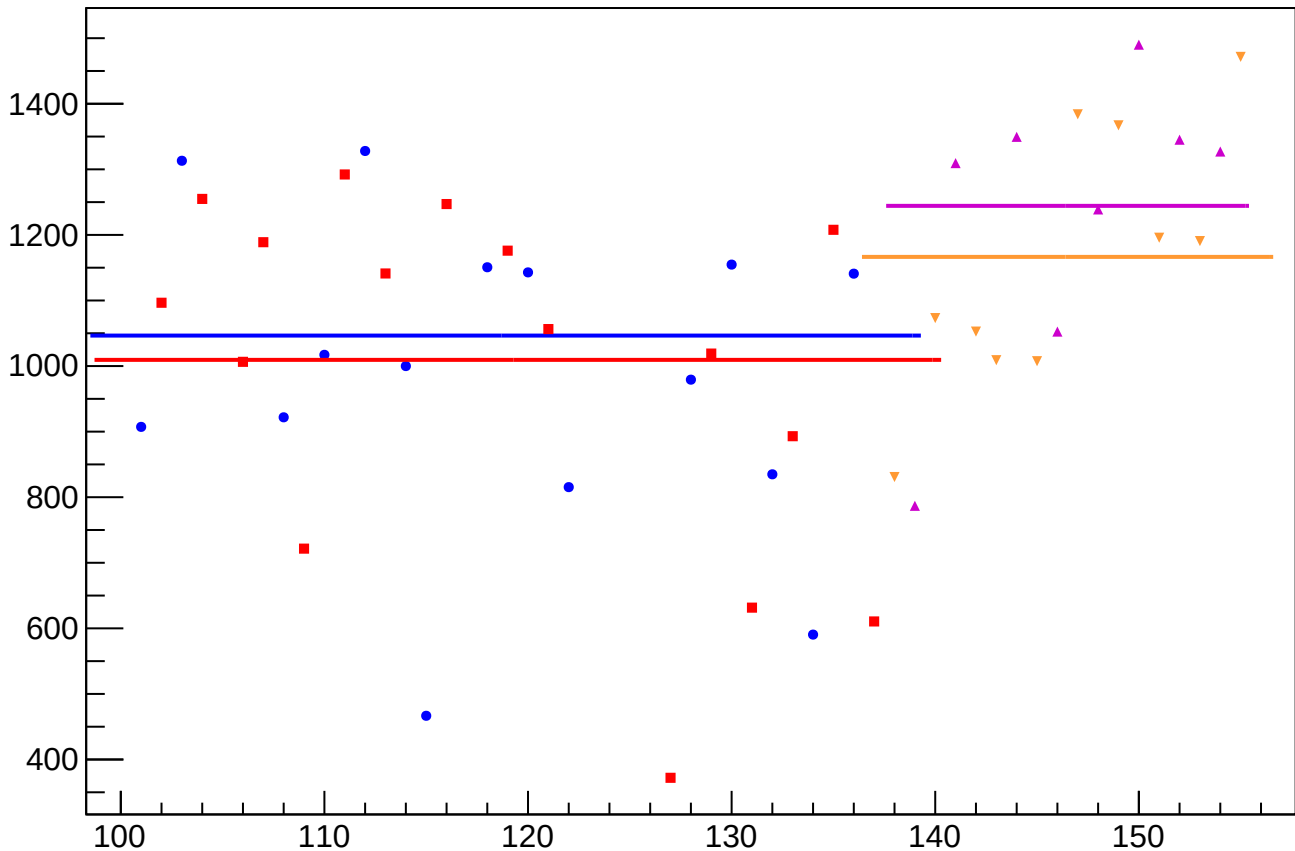
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 14432.224+/-0.000 χ^2/NDF : 7149407353185025901887957841950497832960.0/9
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 15791.638+/-0.000 χ^2/NDF : 2261766294510684378859975554339335831552.0/7

dit_sam8_coil1_err_mean vs Slug



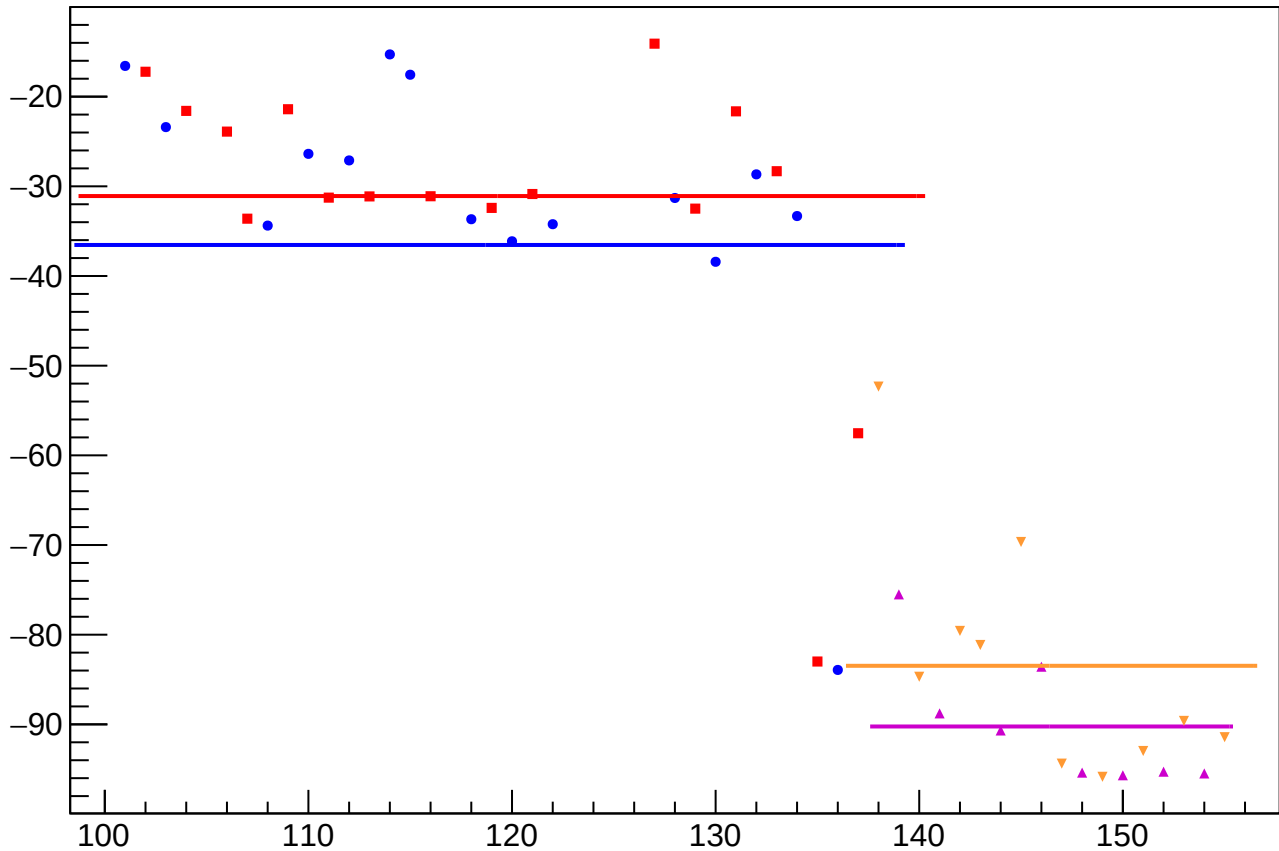
Right In: 130.021+/-0.000	χ^2/NDF : 3115259987552341725946418665378283520.0/14	+ sign 187.883+/-0.000	χ^2/NDF : 140863778151921
Left Out: 237.425+/-0.000	χ^2/NDF : 6937754399453095540386732630612115456.0/9	All: 187.372+/-0.000	χ^2/NDF : 298314787049
Right Out: 126.709+/-0.000	χ^2/NDF : 5397122581297664561308621600668516352.0/15	- sign 186.842+/-0.000	χ^2/NDF : 157443517017927
Left In: 245.055+/-0.000	χ^2/NDF : 5600531738891269928177951075127525376.0/7		

dit_sam8_coil1_Ndata_mean vs Slug



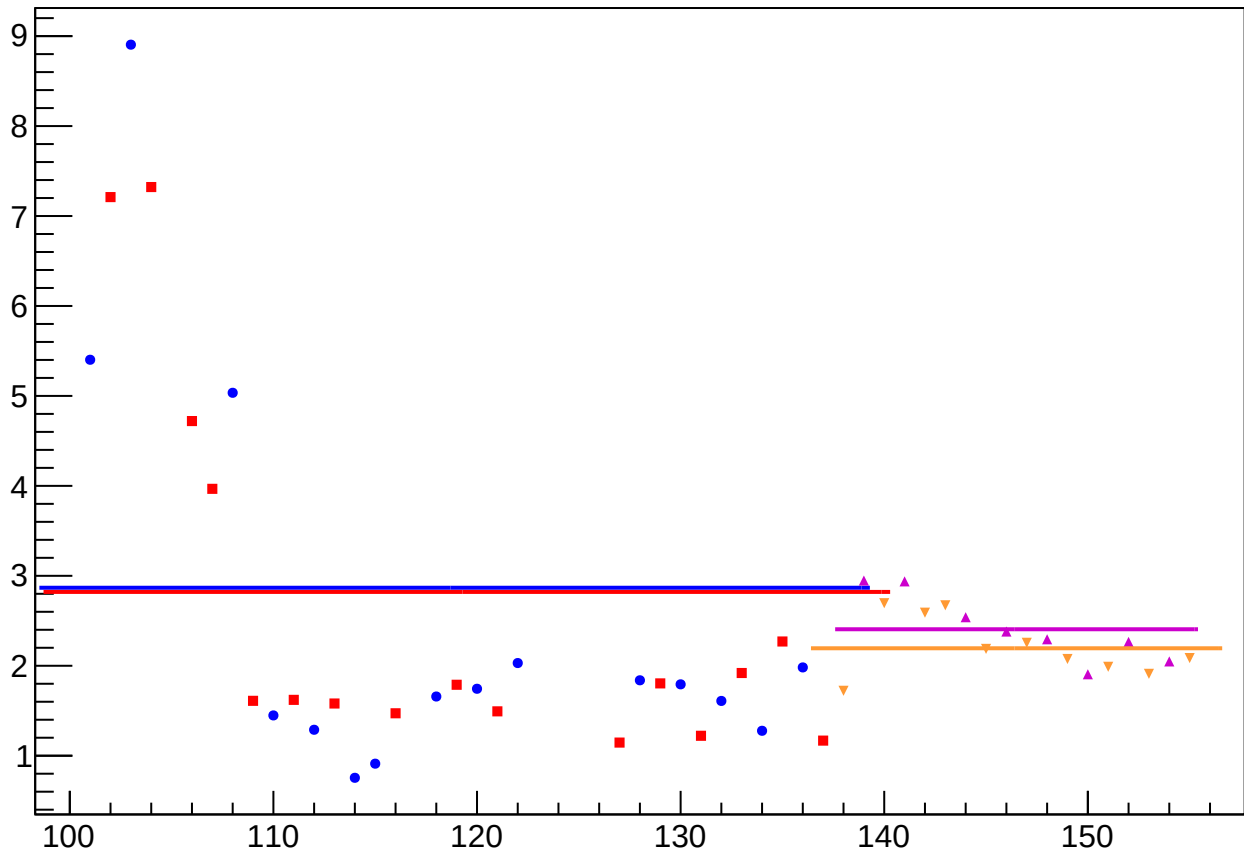
Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1111.134+/-0.000	χ^2/NDF : 58342365270188
Left Out: 1166.483+/-0.000	χ^2/NDF : 28441538354144246944996838385622450176.0/9	All: 1119.798+/-0.000	χ^2/NDF : 15020076133
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1128.788+/-0.000	χ^2/NDF : 91643187215932
Left In: 1244.321+/-0.000	χ^2/NDF : 28343886144136596546146079788396183552.0/7		

dit_4aX_coil3_mean vs Slug



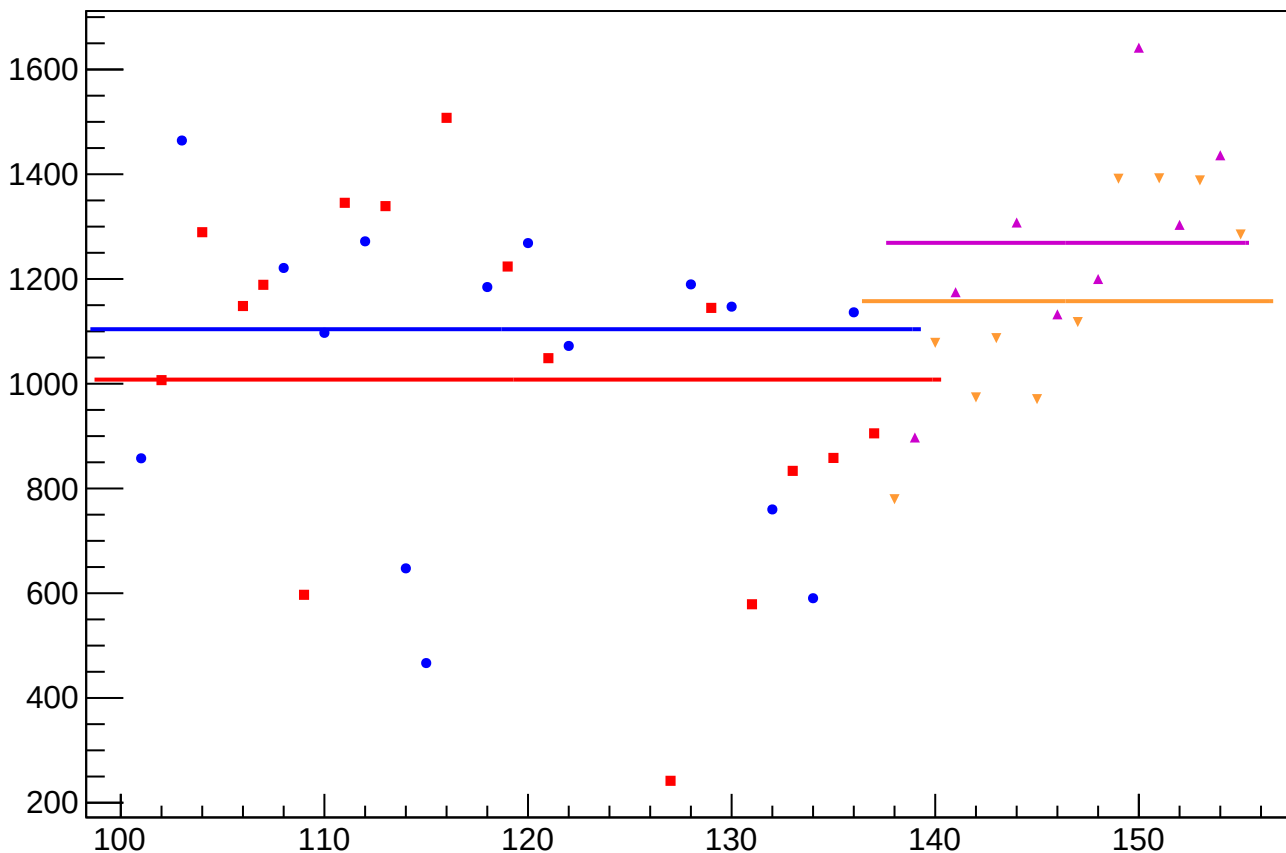
Right In: -36.540+/-0.000	χ^2/NDF : 254351867861444609202637633864335360.0/14	+ sign -61.822+/-0.000	χ^2/NDF : 115401132684894
Left Out: -83.469+/-0.000	χ^2/NDF : 129624971412368634898109866740547584.0/9	All: -61.488+/-0.000	χ^2/NDF : 255247395373
Right Out: -31.085+/-0.000	χ^2/NDF : 181291079119381636178408498876383232.0/15	- sign -61.141+/-0.000	χ^2/NDF : 1398141765338052
Left In: -90.237+/-0.000	χ^2/NDF : 31038594722172304997951086327234560.0/7		

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 $\pm$ 0.000	χ^2 /NDF: 3455499087584693564208174061322240.0/14	+ sign 2.505 $\pm$ 0.000	χ^2 /NDF: 36869317903740957
Left Out: 2.194 $\pm$ 0.000	χ^2 /NDF: 73057469360455458544437640036352.0/9	All: 2.556 $\pm$ 0.000	χ^2 /NDF: 68923339145846
Right Out: 2.821 $\pm$ 0.000	χ^2 /NDF: 3052948718107902490497172912472064.0/15	- sign 2.610 $\pm$ 0.000	χ^2 /NDF: 31977542298182019
Left In: 2.406 $\pm$ 0.000	χ^2 /NDF: 86412306330155139643918180679680.0/7		

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1132.964+/-0.000 χ^2/NDF : 64904581481585

Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9

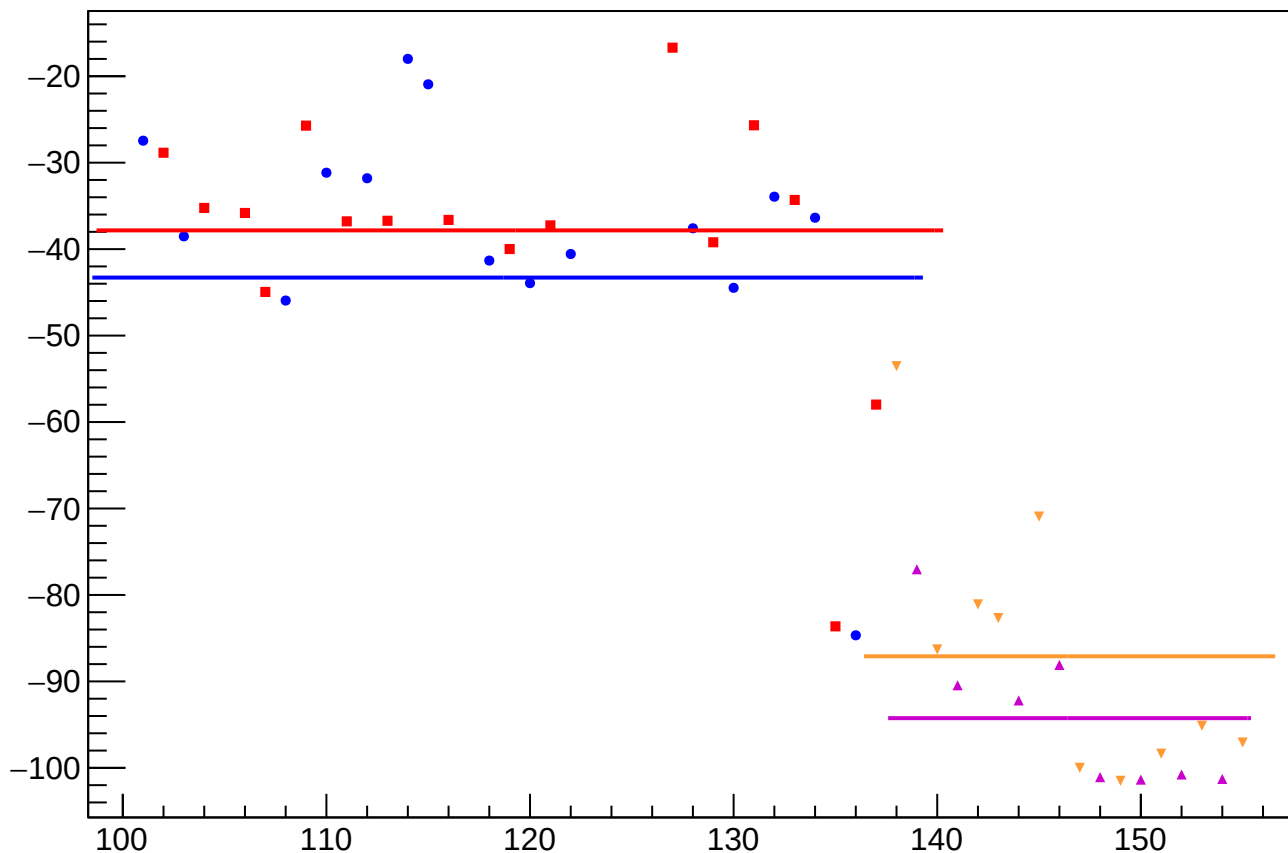
All: 1136.702+/-0.000 χ^2/NDF : 18637845742

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1140.580+/-0.000 χ^2/NDF : 12143382454978

Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

dit_4eX_coil3_mean vs Slug



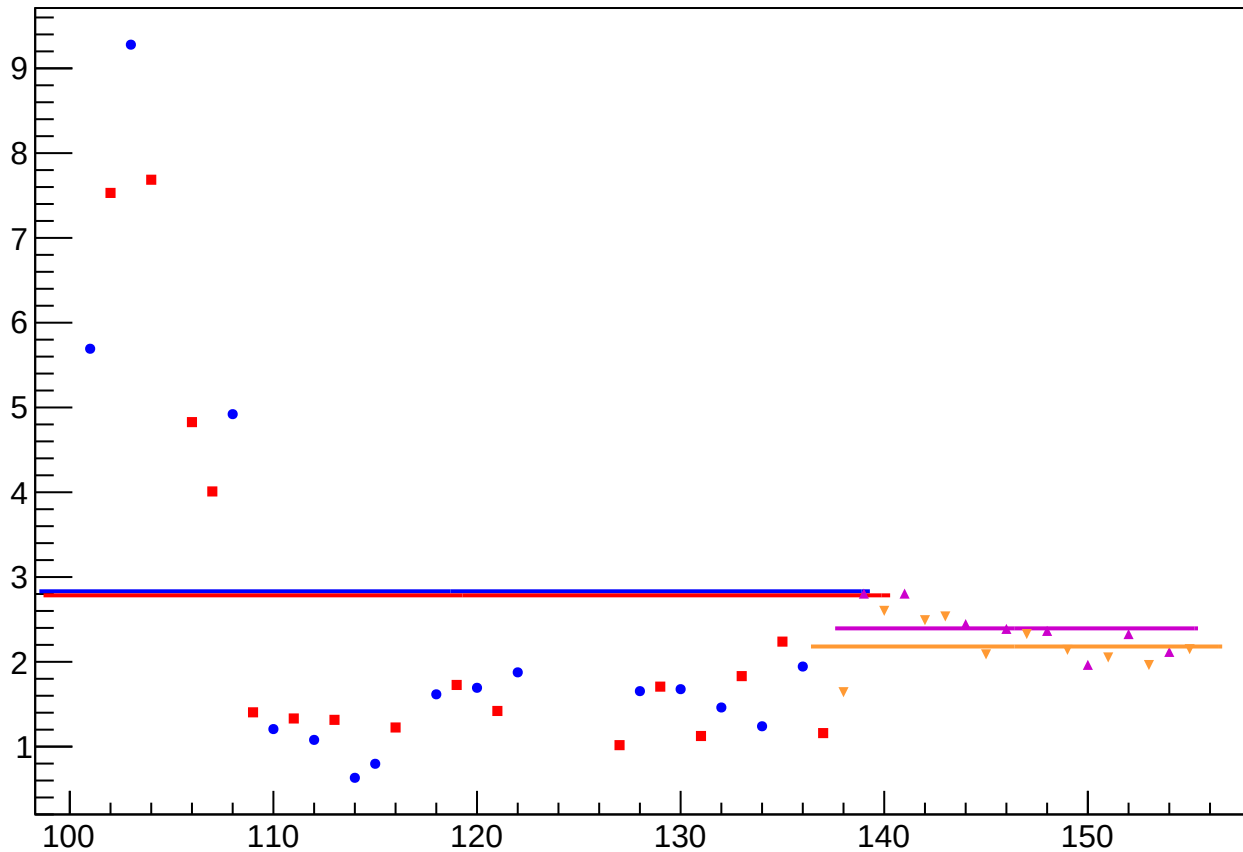
Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -87.094+/-0.000 χ^2/NDF : 165603390134753557570728682521100288.0/9

Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15

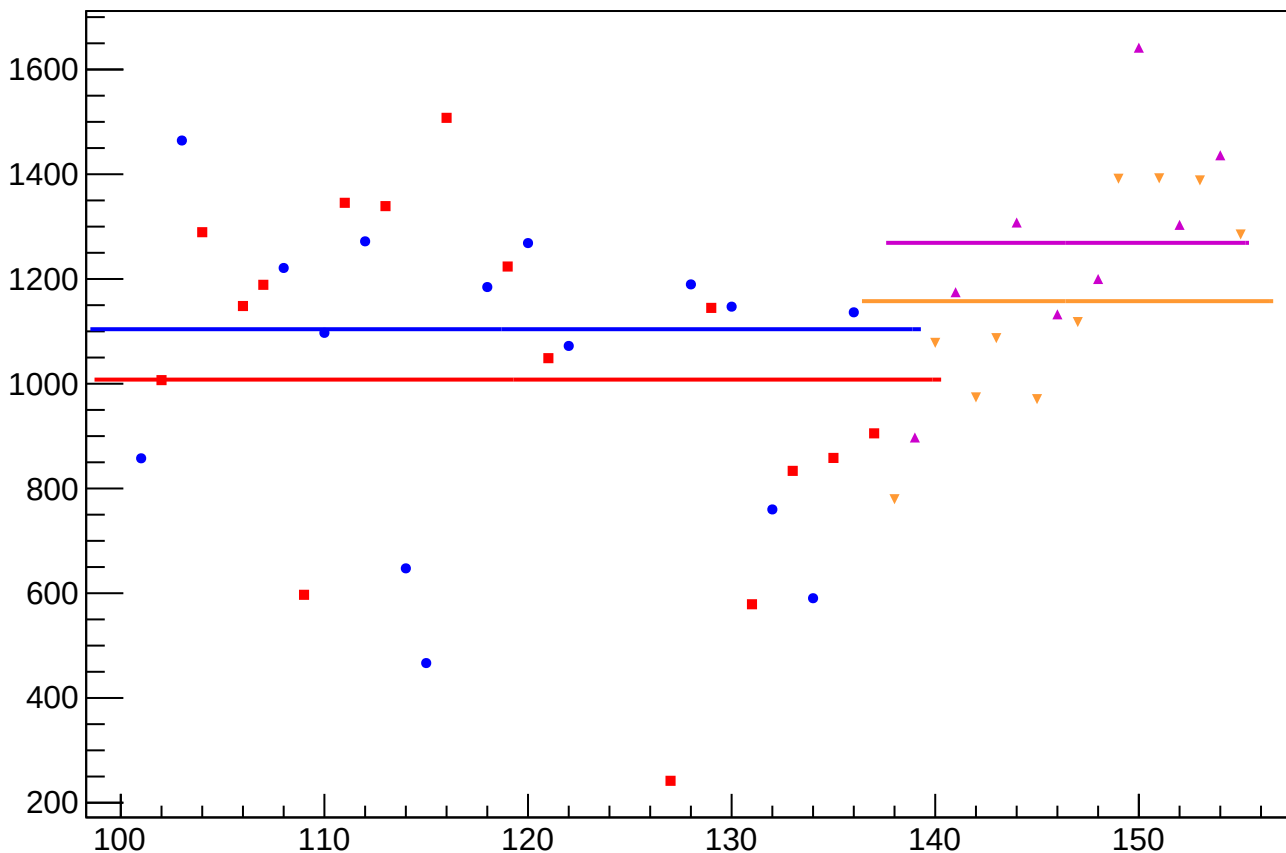
Left In: -94.251+/-0.000 χ^2/NDF : 45376349341972855958640355157475328.0/7

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 $\pm$ 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.181 $\pm$ 0.000 χ^2/NDF : 57923761880178564387857024155648.0/9
 Right Out: 2.784 $\pm$ 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.395 $\pm$ 0.000 χ^2/NDF : 52321702886423840940313743982592.0/7

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

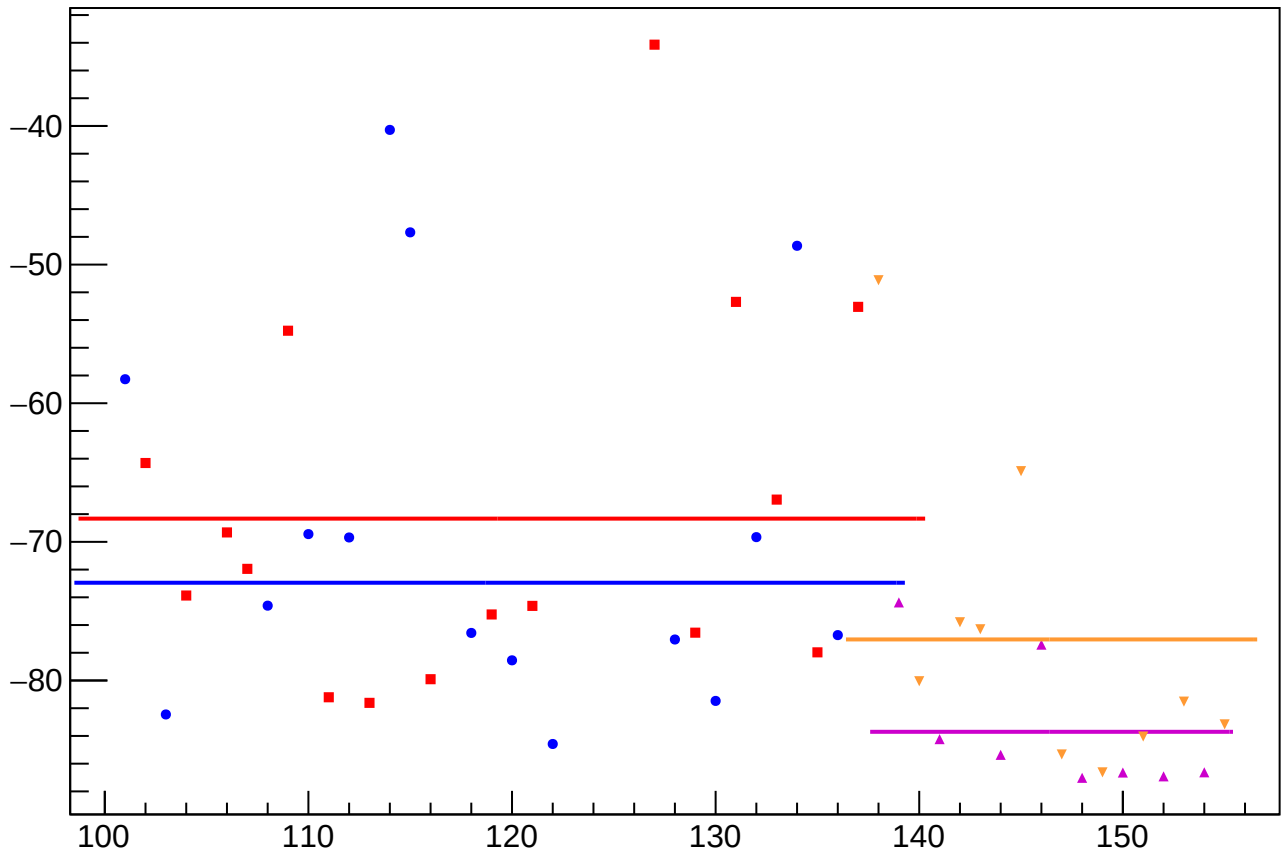
Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

+ sign 1132.964+/-0.000 χ^2/NDF : 64904581481585

All: 1136.702+/-0.000 χ^2/NDF : 18637845742

- sign 1140.580+/-0.000 χ^2/NDF : 12143382454978

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

+ sign -75.152+/-0.000 χ^2/NDF : 158336637605010

Left Out: -77.039+/-0.000 χ^2/NDF : 86733634262060670349024921584140288.0/9

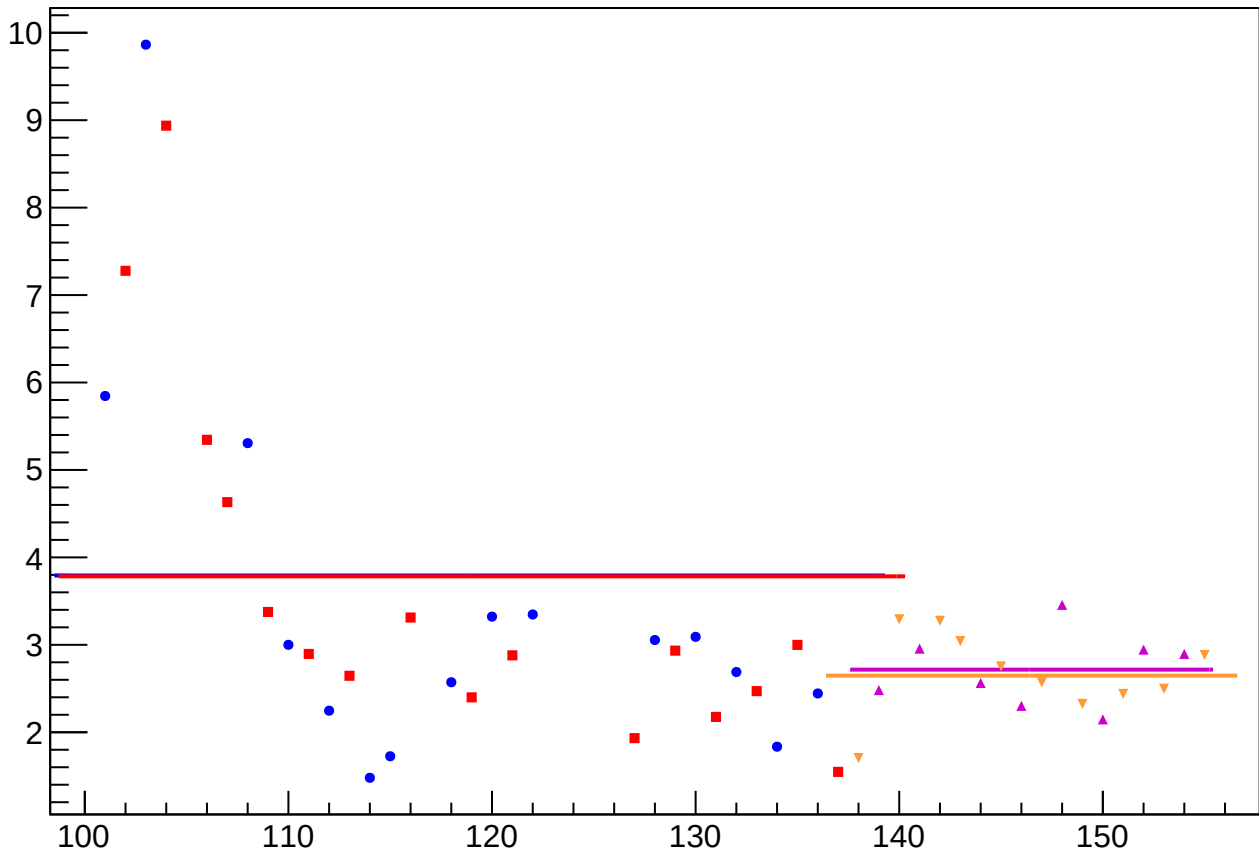
All: -75.636+/-0.000 χ^2/NDF : 359824659765

Right Out: -68.324+/-0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15

- sign -76.137+/-0.000 χ^2/NDF : 2008177041458010

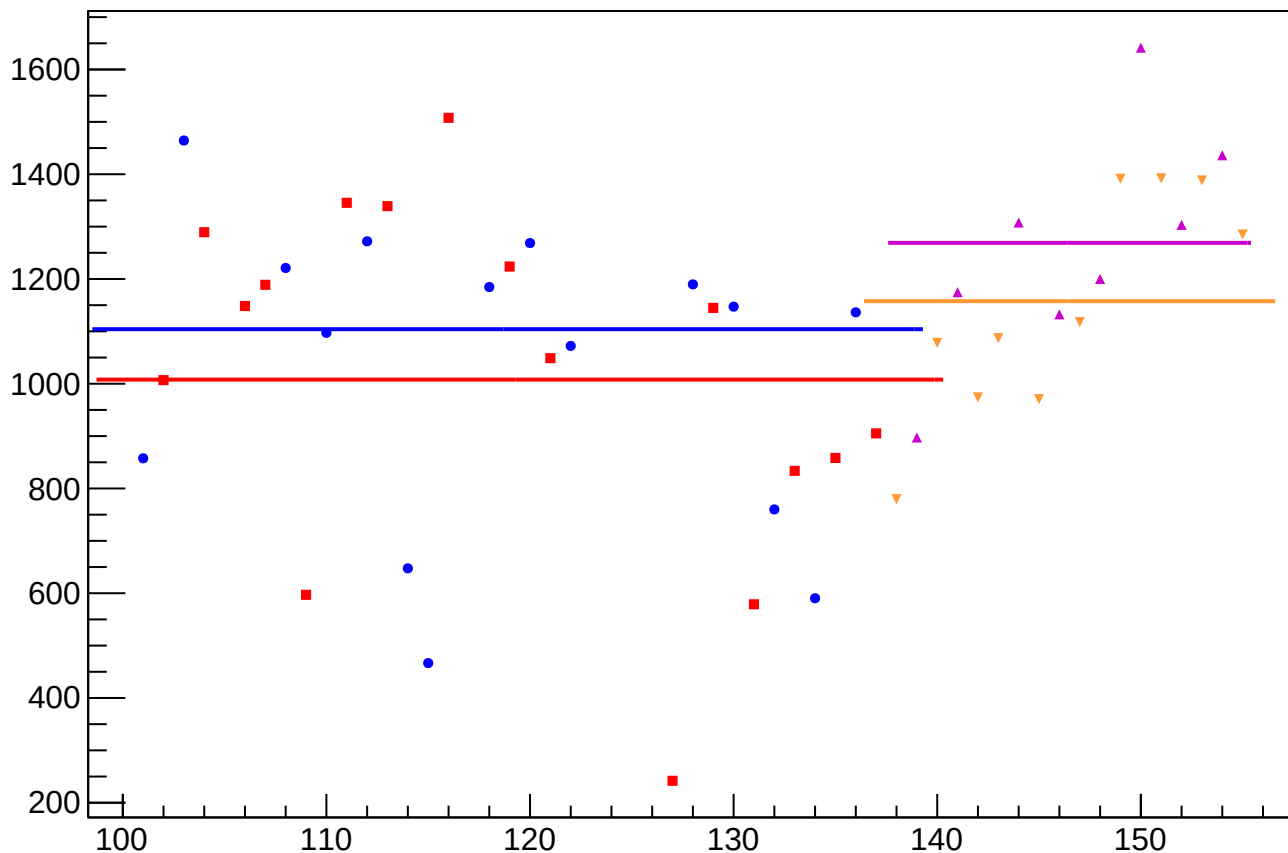
Left In: -83.702+/-0.000 χ^2/NDF : 13975109020884434830871243249418240.0/7

dit_11X12X_coil3_err_mean vs Slug



Right In: 3.793 $\pm$ 0.000 χ^2 /NDF: 3205389242726129619796290810413056.0/14
 Left Out: 2.648 $\pm$ 0.000 χ^2 /NDF: 151778694711307280819159610425344.0/9
 Right Out: 3.783 $\pm$ 0.000 χ^2 /NDF: 2878586622192676654452338755371008.0/15
 Left In: 2.716 $\pm$ 0.000 χ^2 /NDF: 108607385744411081915708060205056.0/7

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

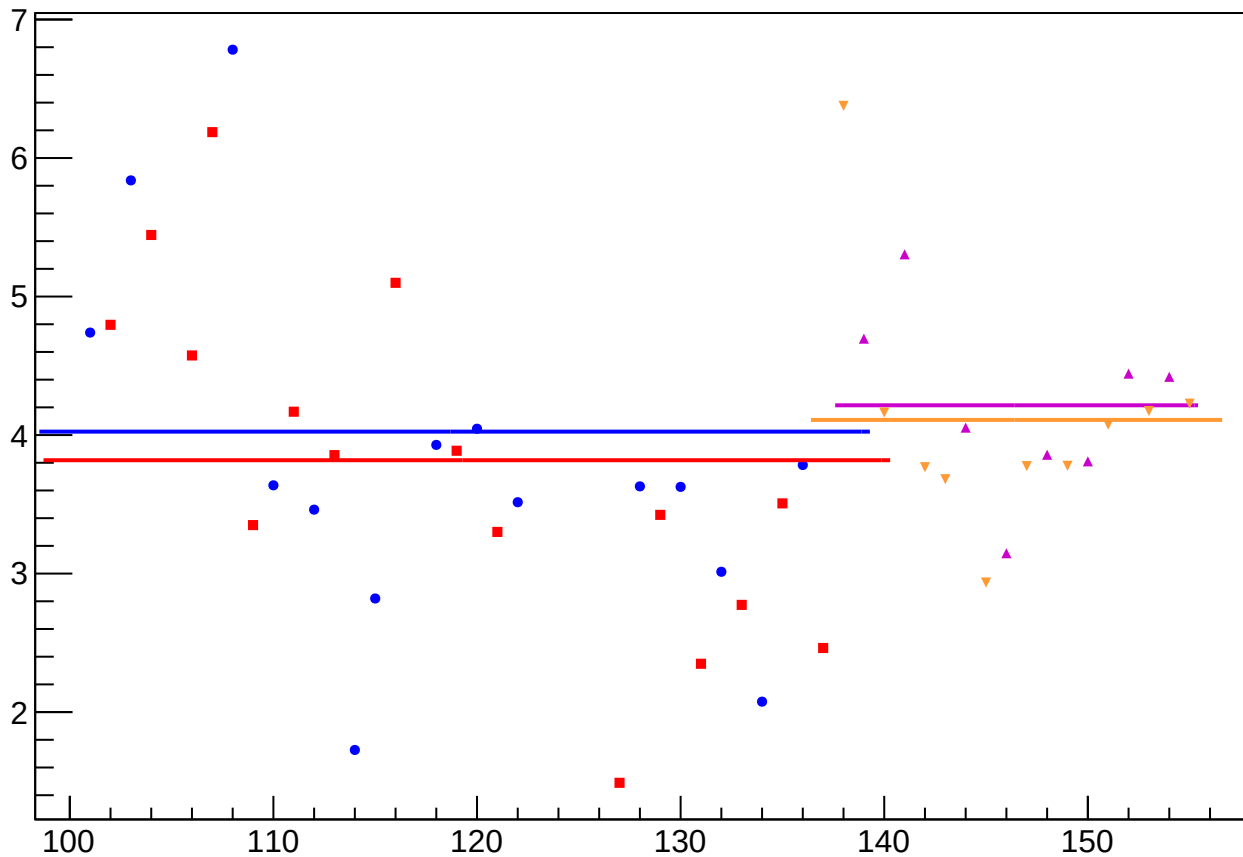
Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

+ sign 1132.964+/-0.000 χ^2/NDF : 64904581481585

All: 1136.702+/-0.000 χ^2/NDF : 18637845742

- sign 1140.580+/-0.000 χ^2/NDF : 12143382454978

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.109+/-0.000 χ^2/NDF : 549967485074536654254539563597824.0/9

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

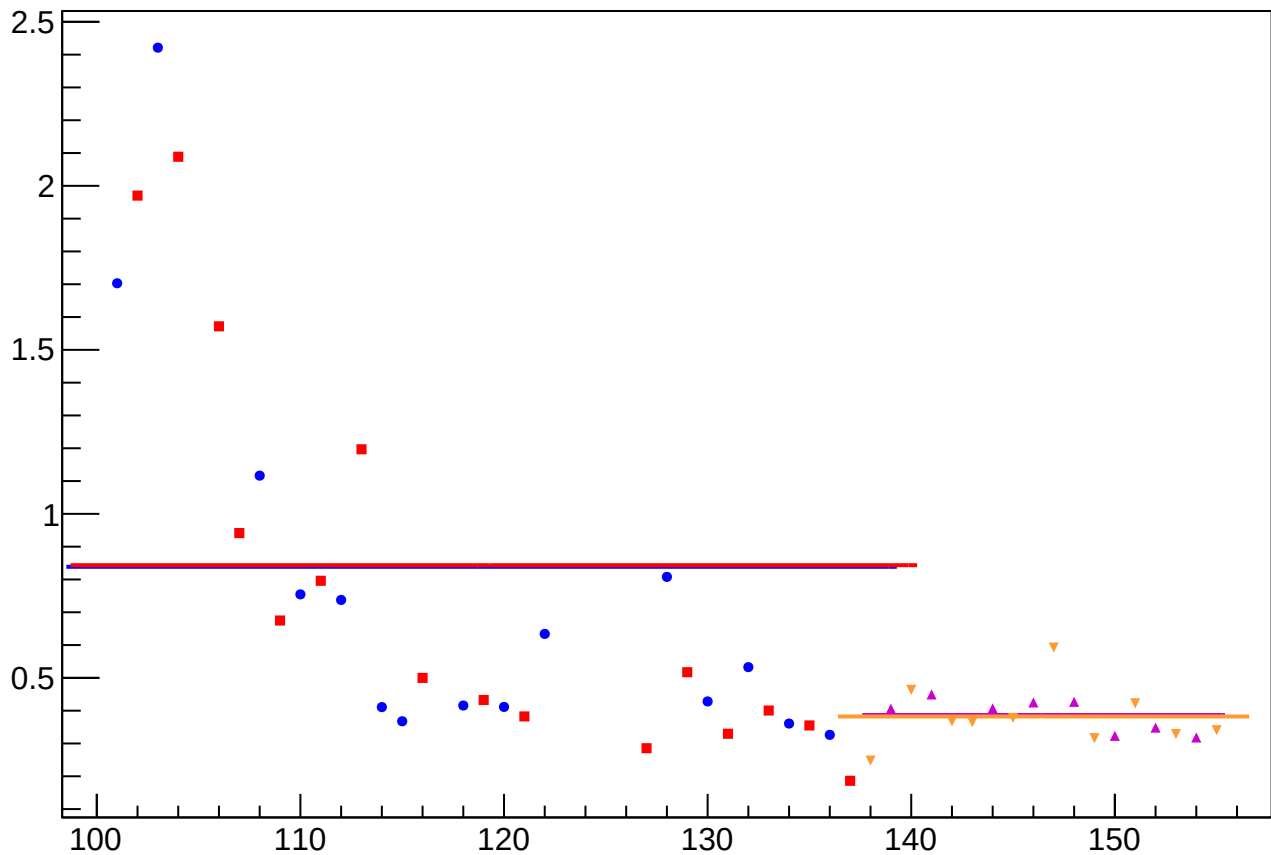
Left In: 4.215+/-0.000 χ^2/NDF : 250605159869575237023390366695424.0/7

+ sign 4.070+/-0.000 χ^2/NDF : 13214731121409236

All: 4.046+/-0.000 χ^2/NDF : 2515334389225

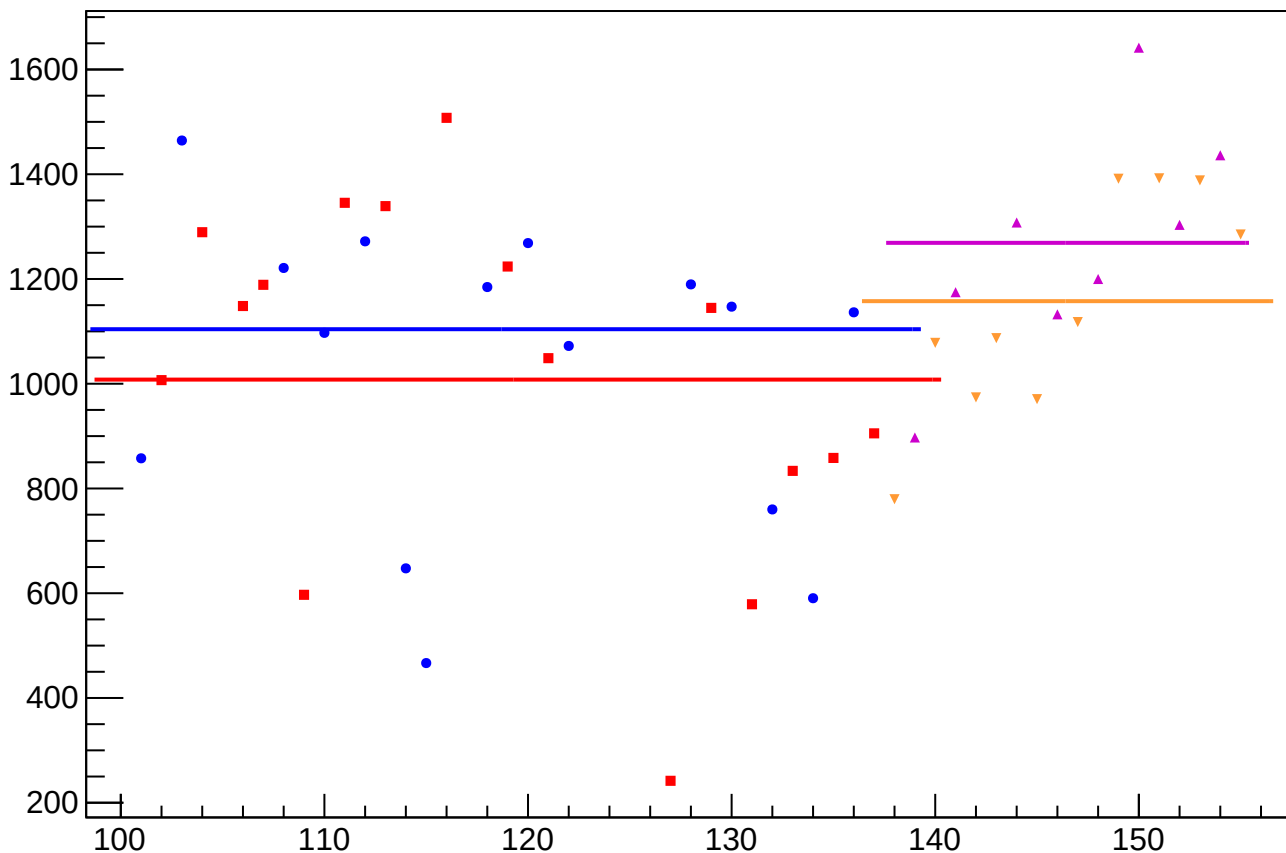
- sign 4.020+/-0.000 χ^2/NDF : 11921029524807198

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 +/- 0.000 χ^2/NDF : 258416025334615661521163083841536.0/14
 Left Out: 0.382 +/- 0.000 χ^2/NDF : 6300994425710897411179960860672.0/9
 Right Out: 0.844 +/- 0.000 χ^2/NDF : 252917509393432760240648918925312.0/15
 Left In: 0.387 +/- 0.000 χ^2/NDF : 1570290488053621585700659920896.0/7

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

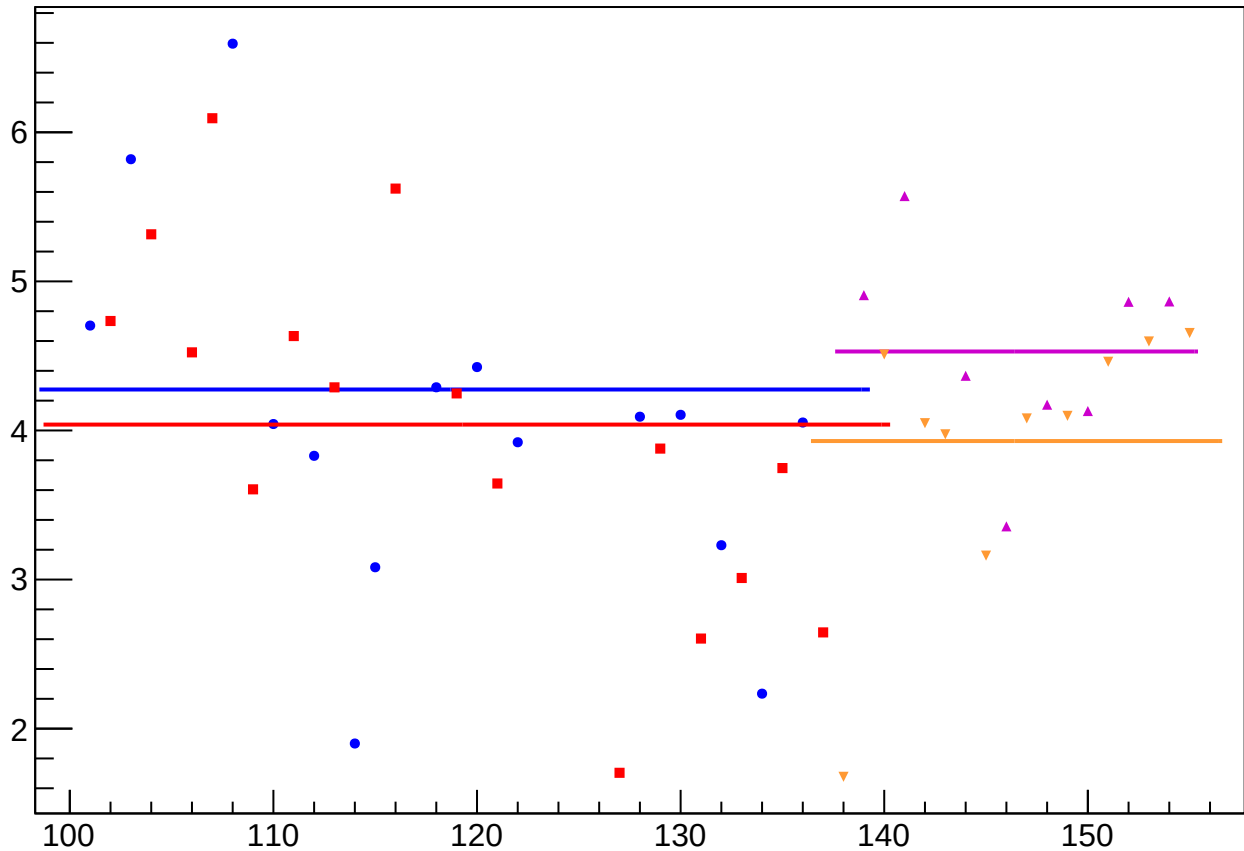
Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

+ sign 1132.964+/-0.000 χ^2/NDF : 64904581481585

All: 1136.702+/-0.000 χ^2/NDF : 18637845742

- sign 1140.580+/-0.000 χ^2/NDF : 12143382454978

dit_4eY_coil3_mean vs Slug



Right In: 4.275+/-0.000 χ^2/NDF : 597188707898198851792415435522048.0/14

Left Out: 3.929+/-0.000 χ^2/NDF : 577853421789259771253193487417344.0/9

Right Out: 4.039+/-0.000 χ^2/NDF : 772368848194464324973108765130752.0/15

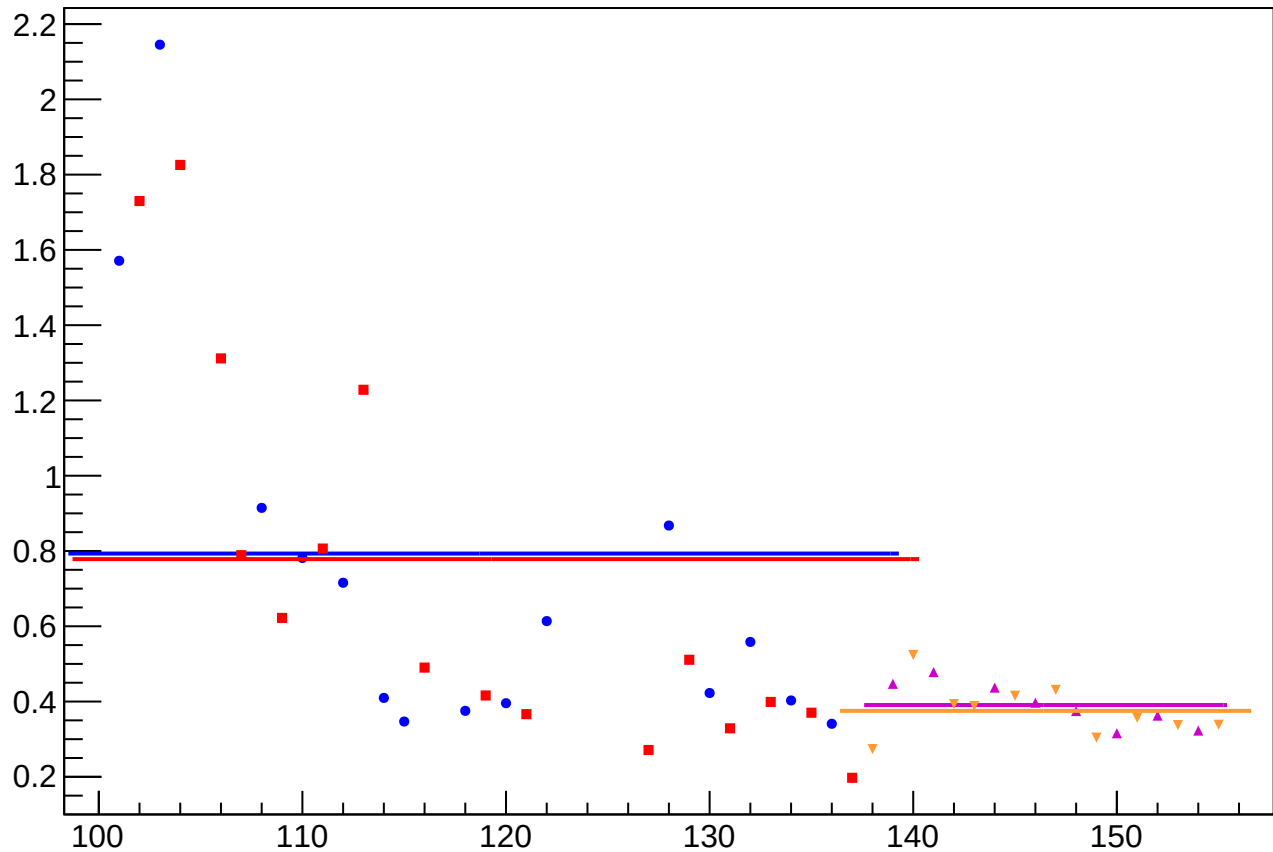
Left In: 4.530+/-0.000 χ^2/NDF : 265408917718453728628087927603200.0/7

+ sign 4.089+/-0.000 χ^2/NDF : 12168333702427617

All: 4.187+/-0.000 χ^2/NDF : 23636921344126

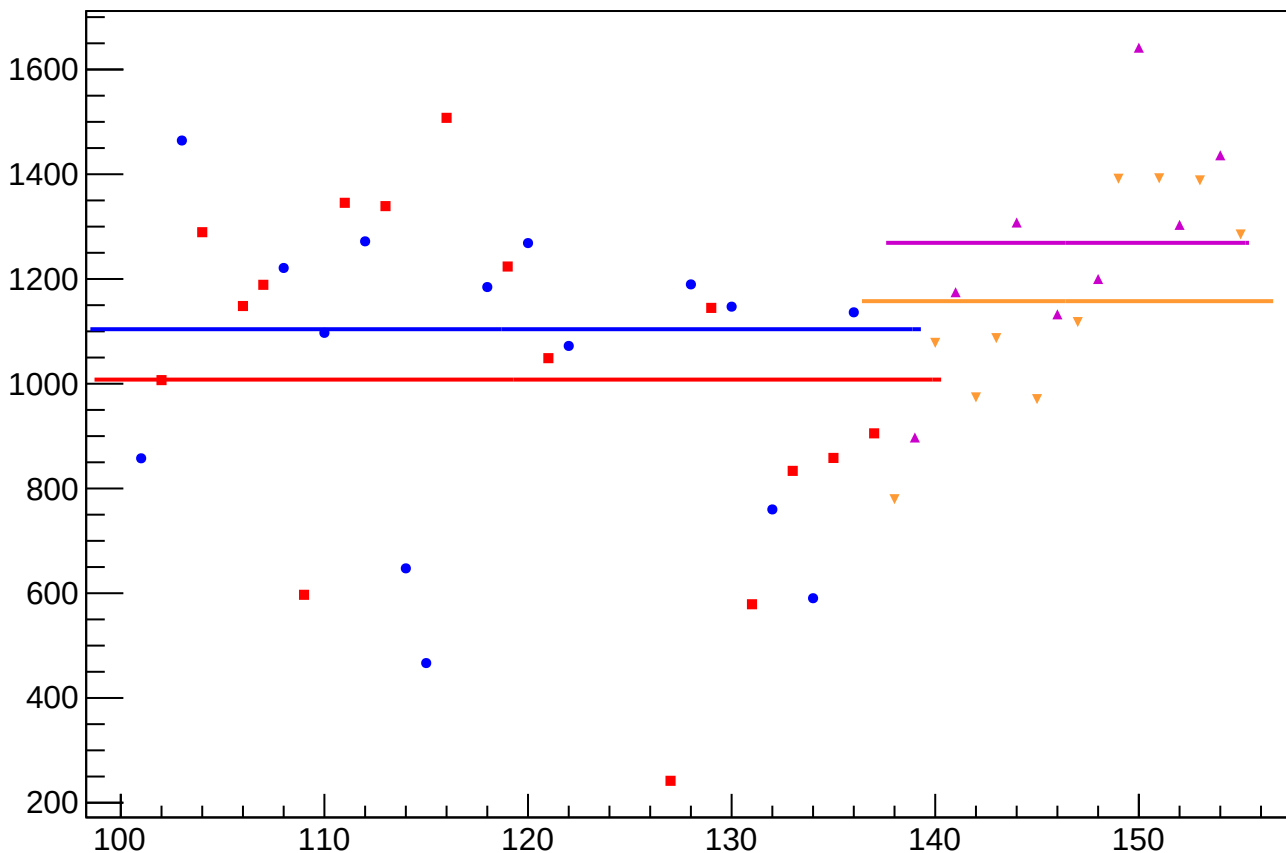
- sign 4.289+/-0.000 χ^2/NDF : 11192296225265413

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000	χ^2/NDF : 195508777173589483440314700005376.0/14	+ sign 0.568+/-0.000	χ^2/NDF : 26028903927068556
Left Out: 0.375+/-0.000	χ^2/NDF : 3694316786592893000086655598592.0/9	All: 0.575+/-0.000	χ^2/NDF : 49928489925089
Right Out: 0.778+/-0.000	χ^2/NDF : 185814635772183306063903690063872.0/15	- sign 0.581+/-0.000	χ^2/NDF : 23887208251662595
Left In: 0.391+/-0.000	χ^2/NDF : 2115210429956729286709756297216.0/7		

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1132.964+/-0.000 χ^2/NDF : 64904581481585

Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9

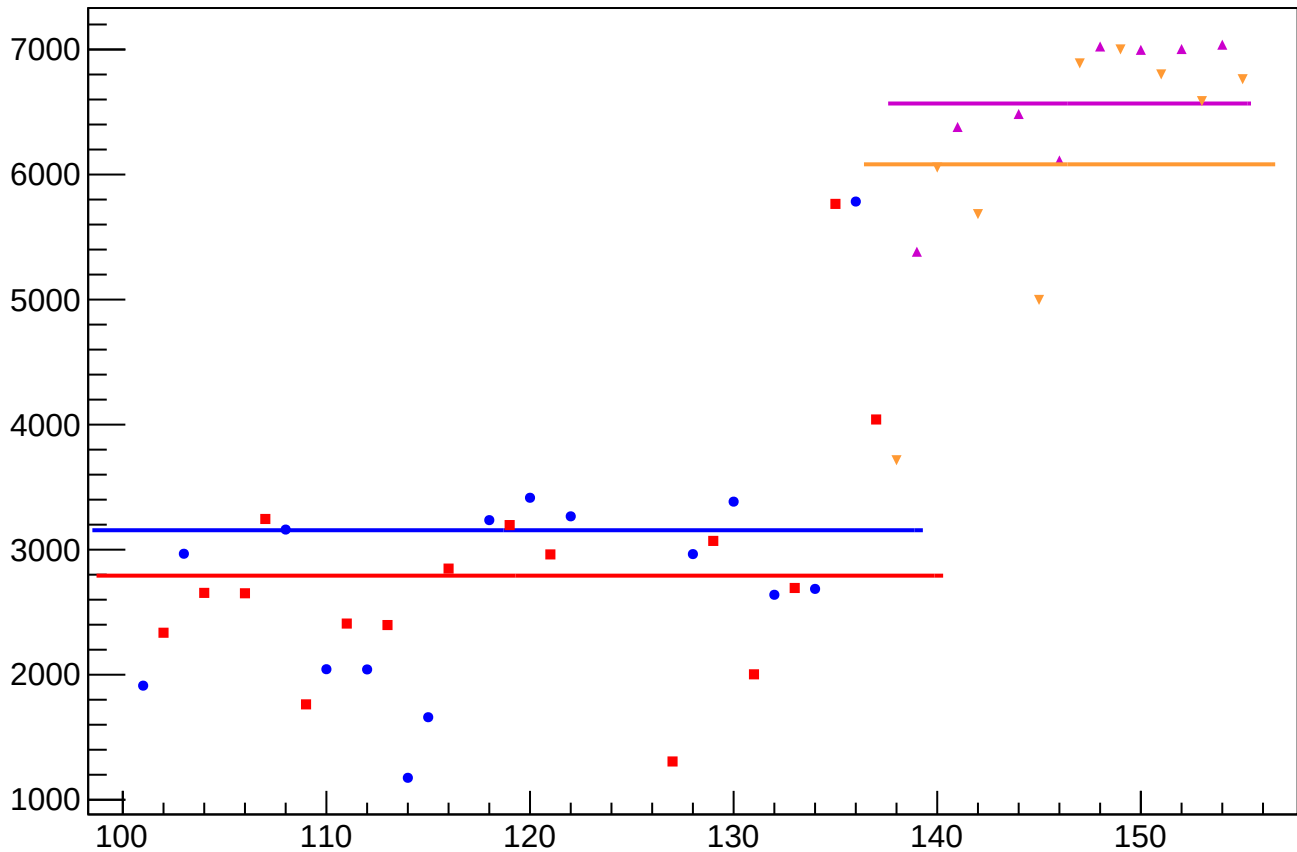
All: 1136.702+/-0.000 χ^2/NDF : 18637845742

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1140.580+/-0.000 χ^2/NDF : 12143382454978

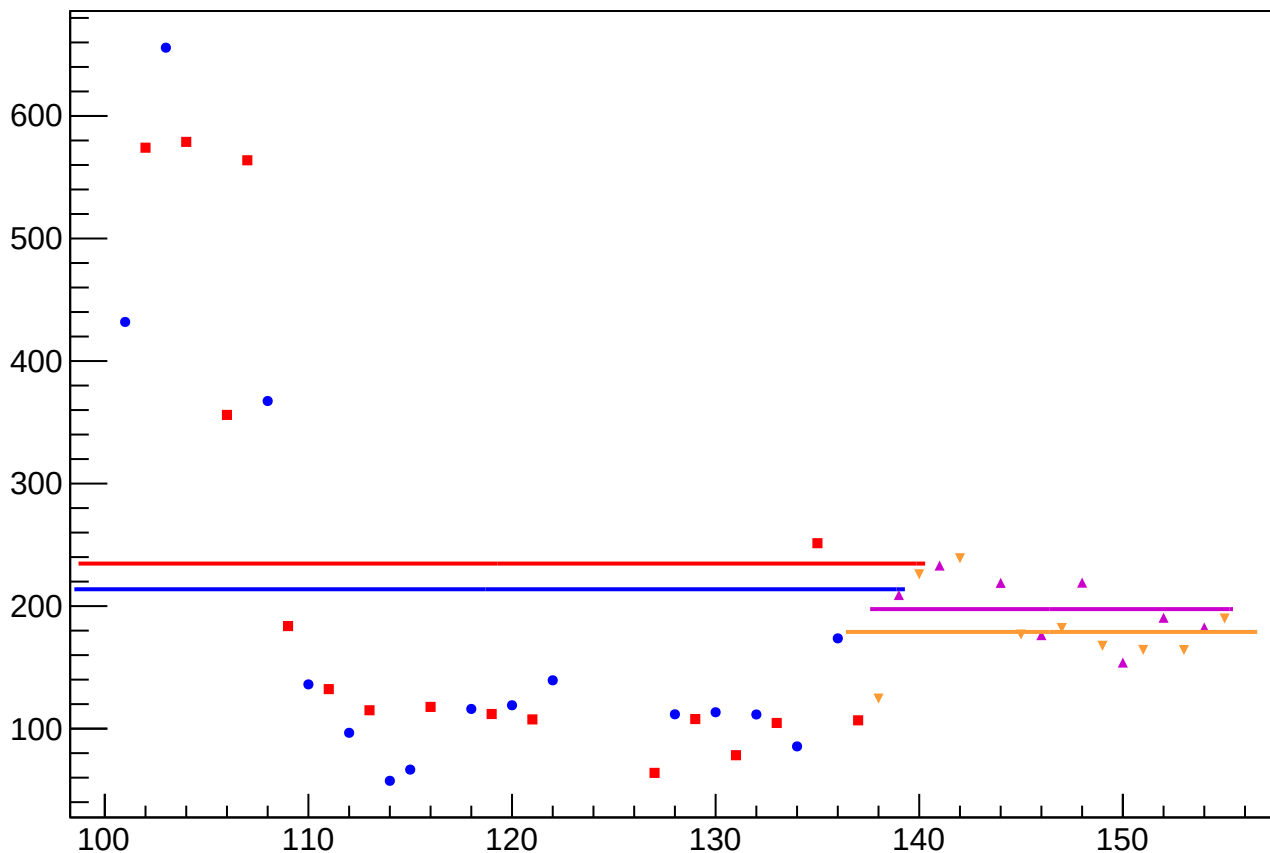
Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000 χ^2/NDF : 903550534773622902110918214033612996608.0/14
 Left Out: 6081.717+/-0.000 χ^2/NDF : 759753210261833299174098447476405043200.0/8
 Right Out: 2792.245+/-0.000 χ^2/NDF : 674635749324173001973264427530986717184.0/15
 Left In: 6568.062+/-0.000 χ^2/NDF : 205070232947575856489808511942678020096.0/7

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

+ sign 195.784+/-0.000 χ^2/NDF : 207593661643242

Left Out: 178.920+/-0.000 χ^2/NDF : 635477654931140998321365650442813440.0/8

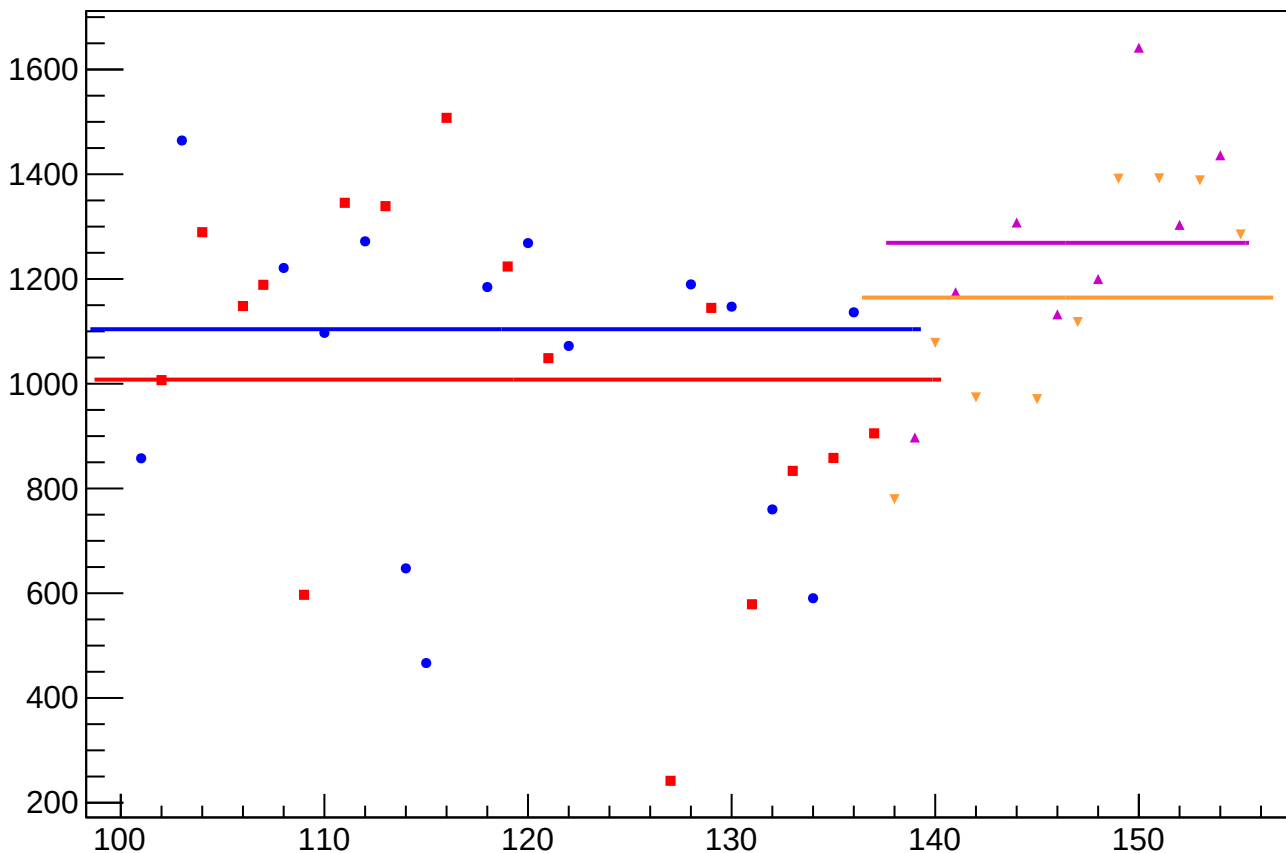
All: 205.866+/-0.000 χ^2/NDF : 45944357653

Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

- sign 215.830+/-0.000 χ^2/NDF : 249141639578507

Left In: 197.550+/-0.000 χ^2/NDF : 432966500388927282359738960936173568.0/7

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1164.515+/-0.000 χ^2/NDF : 30797390030797181343583441085169401856.0/8

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

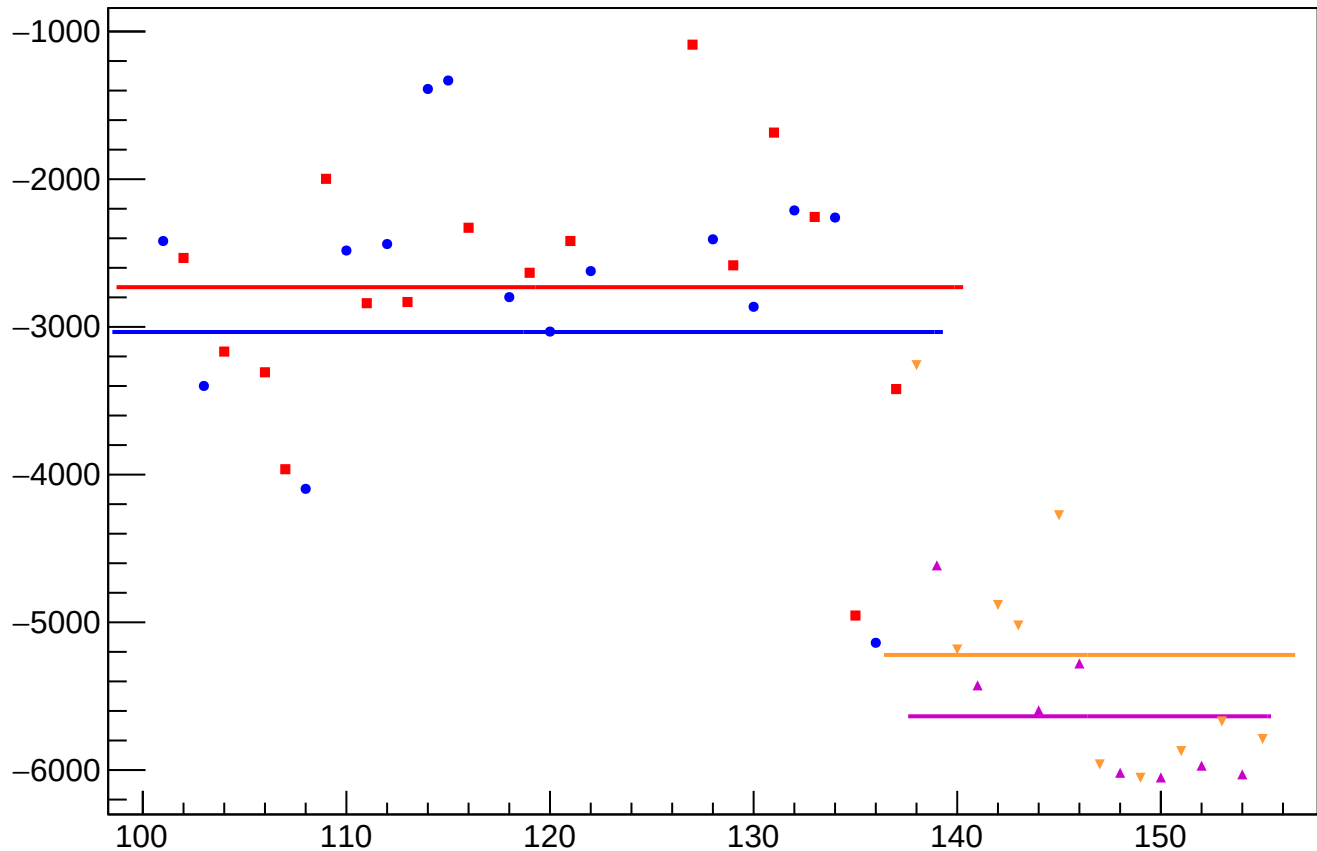
Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

+ sign 1135.260+/-0.000 χ^2/NDF : 64756336643489

All: 1137.936+/-0.000 χ^2/NDF : 18620924122

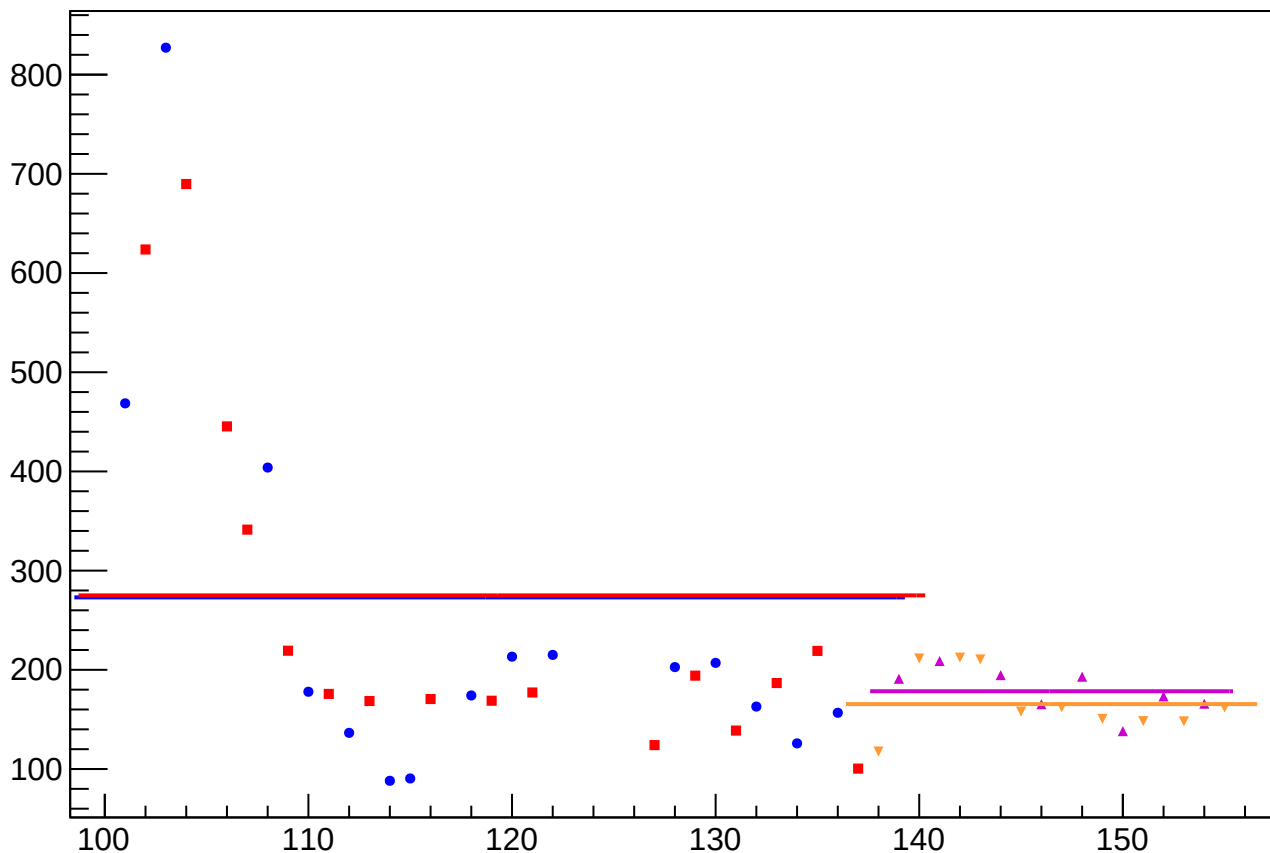
- sign 1140.580+/-0.000 χ^2/NDF : 12143382454978

dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000 χ^2/NDF : 630694553353463868547335175090919702528.0/14
 Left Out: -5220.903+/-0.000 χ^2/NDF : 557405826406445865613043626549704654848.0/9
 Right Out: -2731.035+/-0.000 χ^2/NDF : 528290847703567991555694629239211950080.0/15
 Left In: -5636.211+/-0.000 χ^2/NDF : 150410045003169590469793528193285619712.0/7

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 165.454+/-0.000 χ^2/NDF : 662923667595376648972403904146833408.0/9

Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

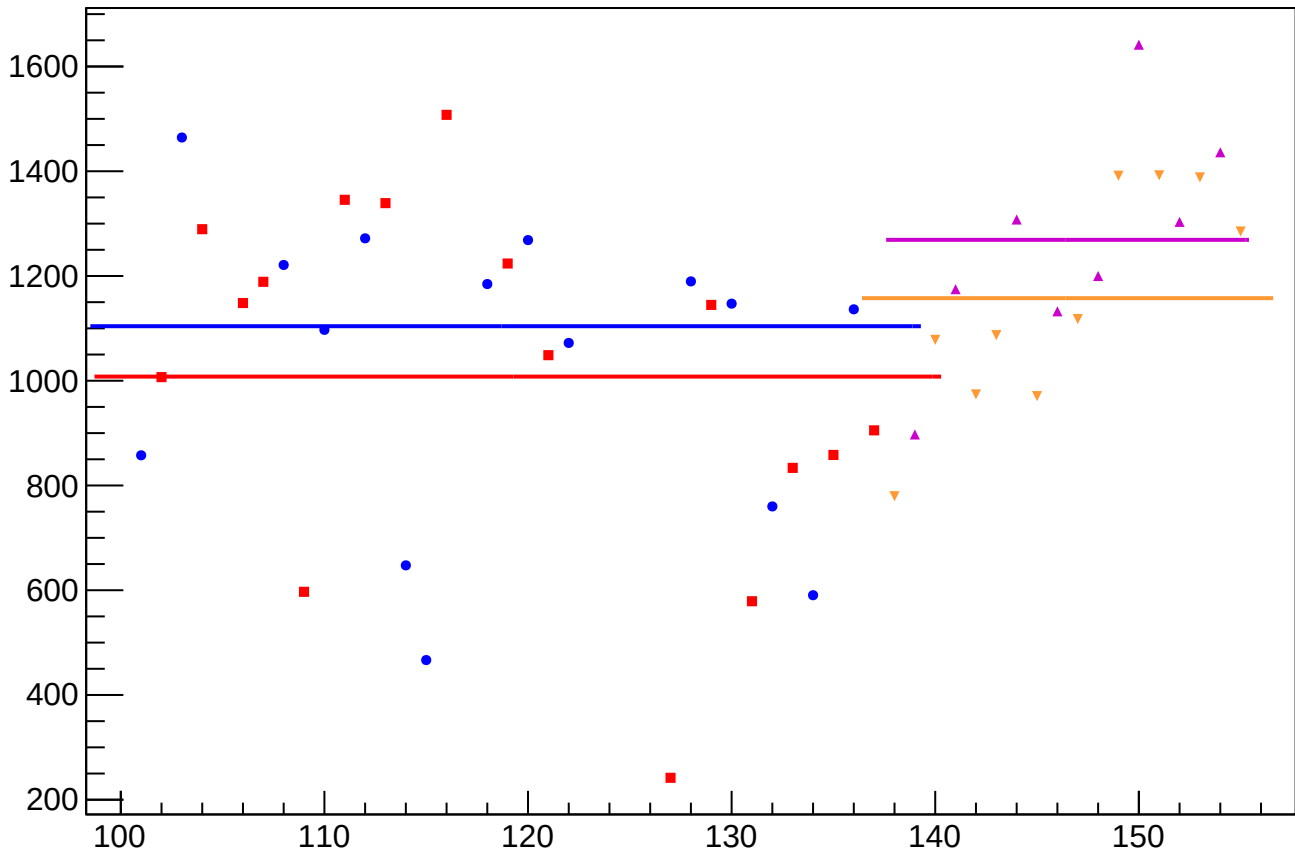
Left In: 178.375+/-0.000 χ^2/NDF : 311075101467857028908476603937325056.0/7

+ sign 215.079+/-0.000 χ^2/NDF : 311956980434427

All: 220.402+/-0.000 χ^2/NDF : 57019795499

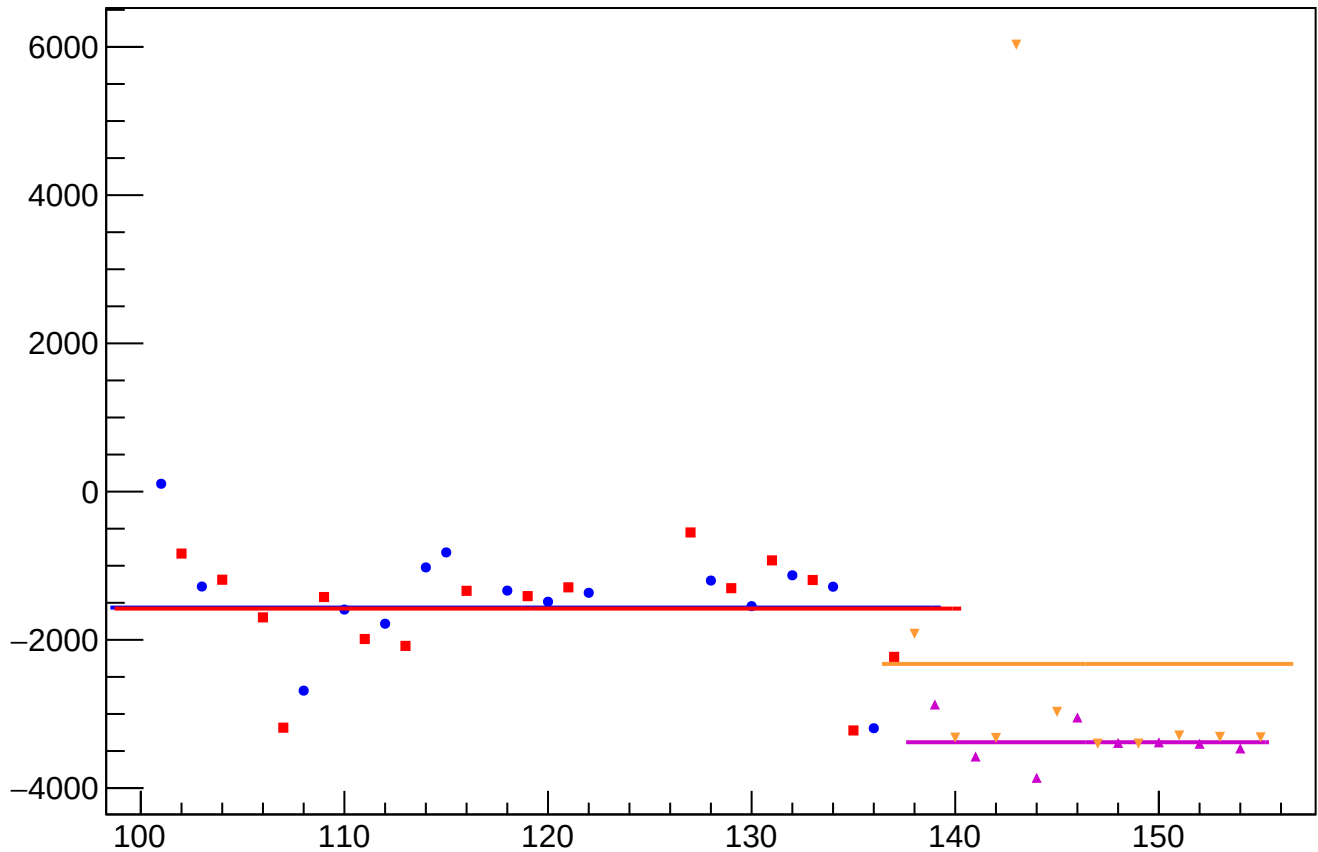
- sign 225.925+/-0.000 χ^2/NDF : 257428677191378

dit_usr_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669 $\pm$ 0.000 χ^2 /NDF: 31163817564378796975786501086270980096.0/9
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1269.019 $\pm$ 0.000 χ^2 /NDF: 29248954105903421314584303143596589056.0/7

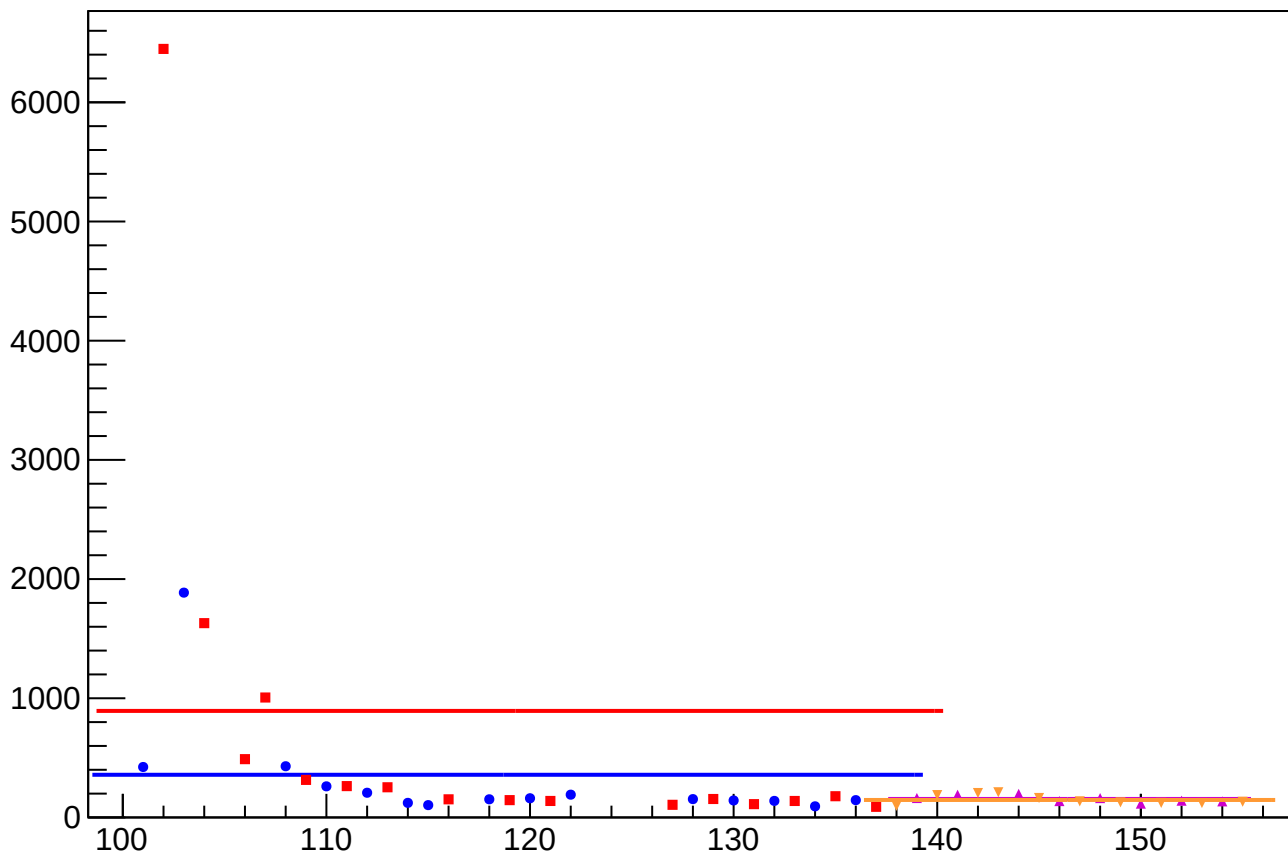
dit_atl1_coil3_mean vs Slug



Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -2324.760+/-0.000	χ^2/NDF : 5270957070232123461692688120416640696320.0/9
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3381.464+/-0.000	χ^2/NDF : 54606474603667811038478452611247767552.0/7

+ sign -1974.122+/-0.000 χ^2/NDF : 5956870706022
 All: -2229.484+/-0.000 χ^2/NDF : 7668961795

dit_atl1_coil3_err_mean vs Slug



Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 146.726+/-0.000 χ^2/NDF : 949380878220576165809434197323939840.0/9

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15

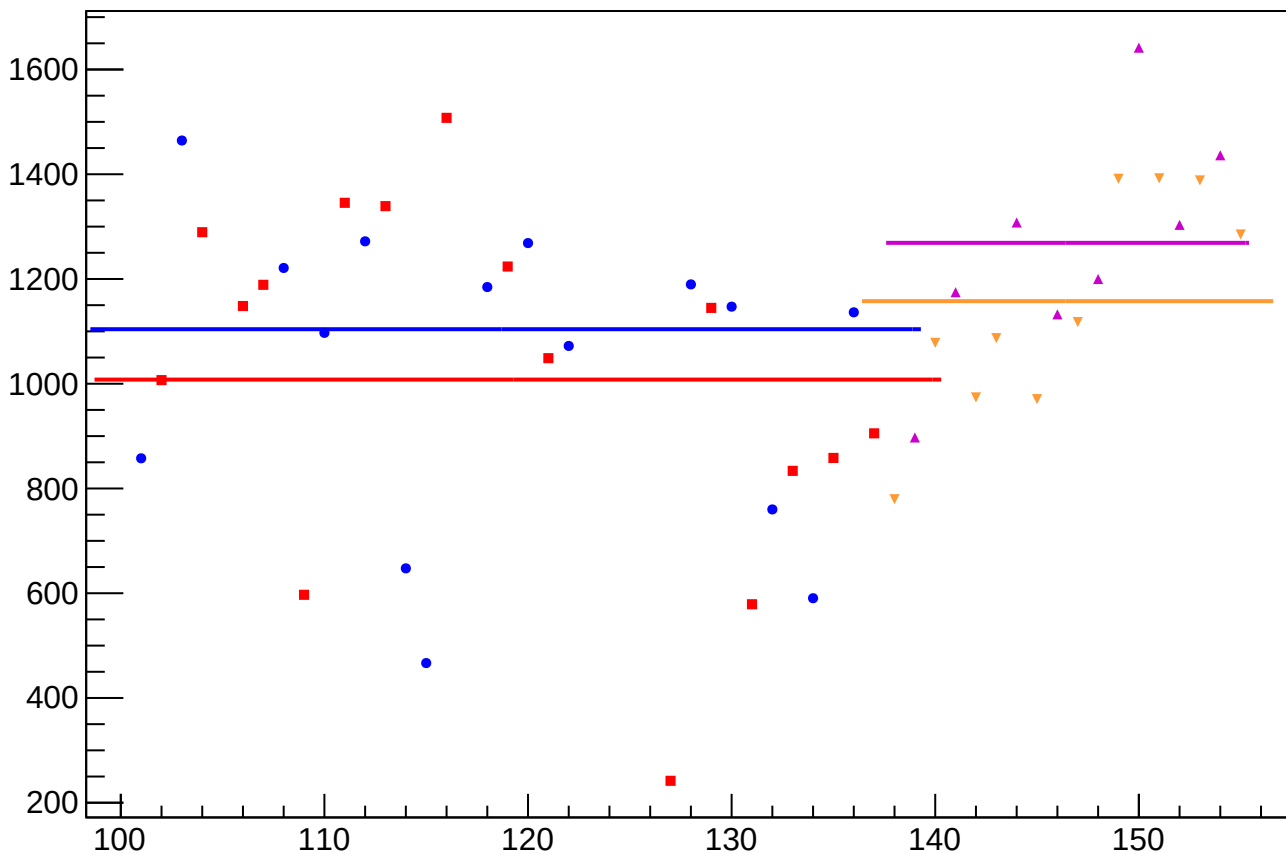
Left In: 155.187+/-0.000 χ^2/NDF : 499132190465330951553590290095800320.0/7

+ sign 244.216+/-0.000 χ^2/NDF : 174490662172398

All: 378.851+/-0.000 χ^2/NDF : 248781802058

- sign 518.550+/-0.000 χ^2/NDF : 226136011821936

dit_atl1_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1132.964+/-0.000 χ^2/NDF : 64904581481585

Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9

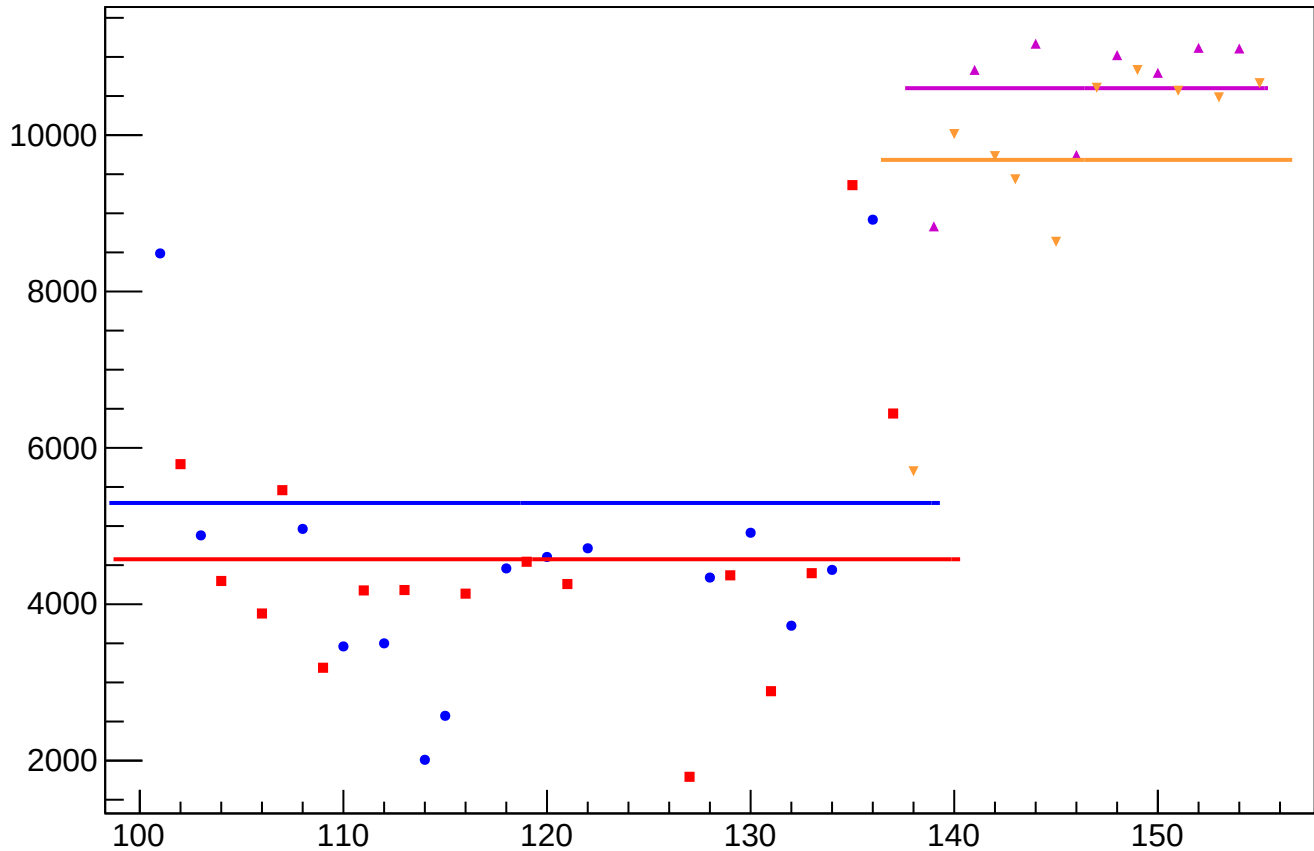
All: 1136.702+/-0.000 χ^2/NDF : 18637845742

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1140.580+/-0.000 χ^2/NDF : 12143382454978

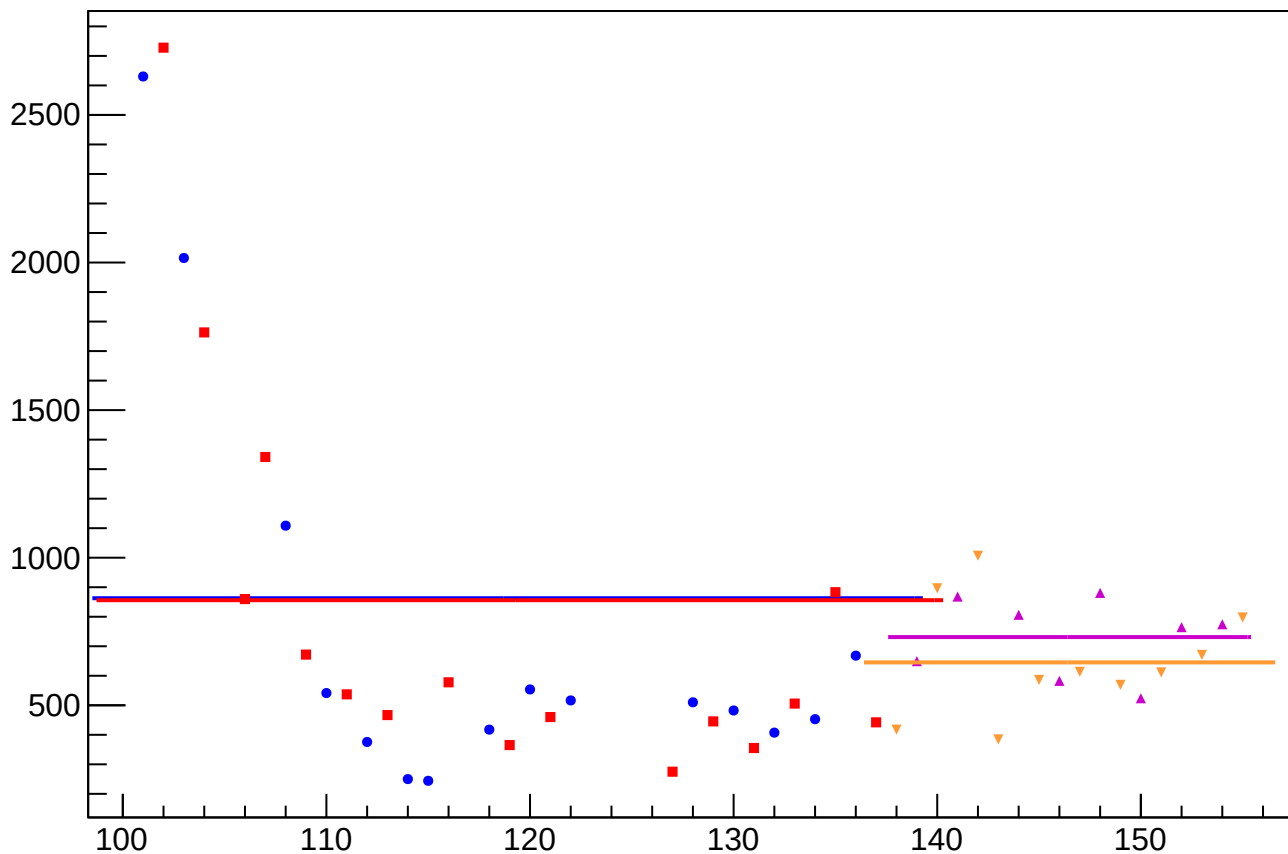
Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000 χ^2/NDF : 2505645232968263275444048016093183213568.0/14
 Left Out: 9683.371+/-0.000 χ^2/NDF : 1708059449477984566341663518366917197824.0/9
 Right Out: 4575.270+/-0.000 χ^2/NDF : 1863322094770403739096100800072716910592.0/15
 Left In: 10600.410+/-0.000 χ^2/NDF : 411829174140564321375597282867871219712.0/7

dit_atl2_coil3_err_mean vs Slug



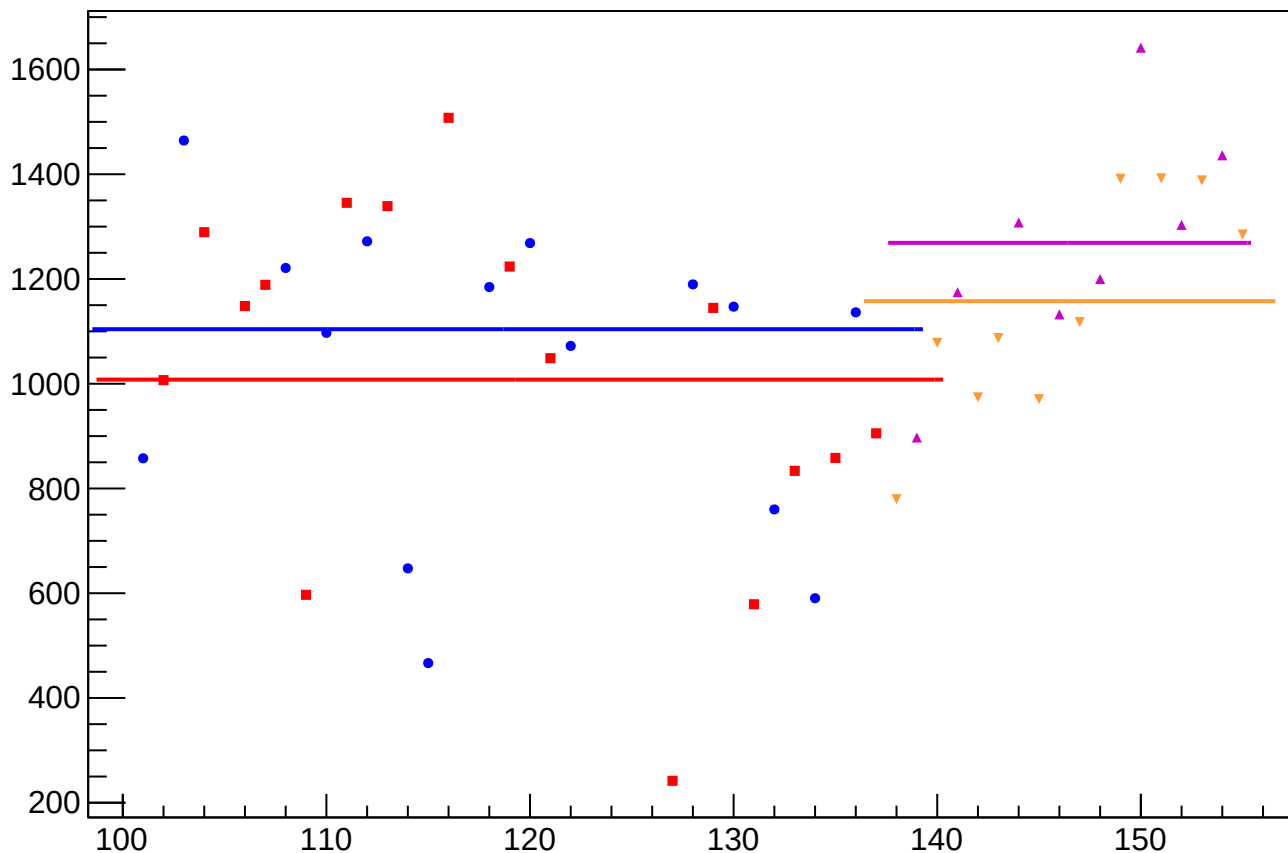
Right In: 862.683 ± 0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 645.302 ± 0.000 χ^2/NDF : 22626627746098184410050484125594288128.0/9

Right Out: 856.059 ± 0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

Left In: 731.081 ± 0.000 χ^2/NDF : 10528904664227868545789648911355346944.0/7

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

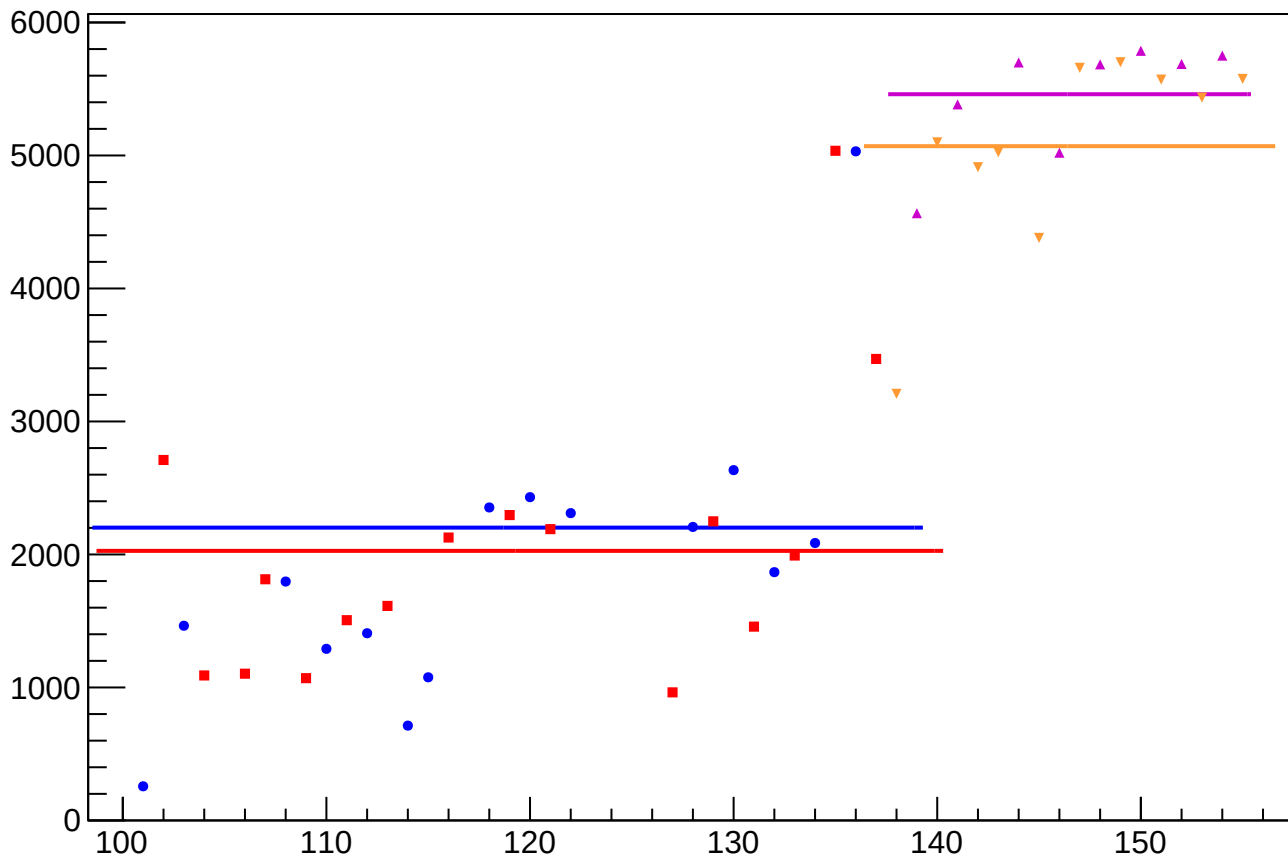
Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

+ sign 1132.964+/-0.000 χ^2/NDF : 64904581481585

All: 1136.702+/-0.000 χ^2/NDF : 18637845742

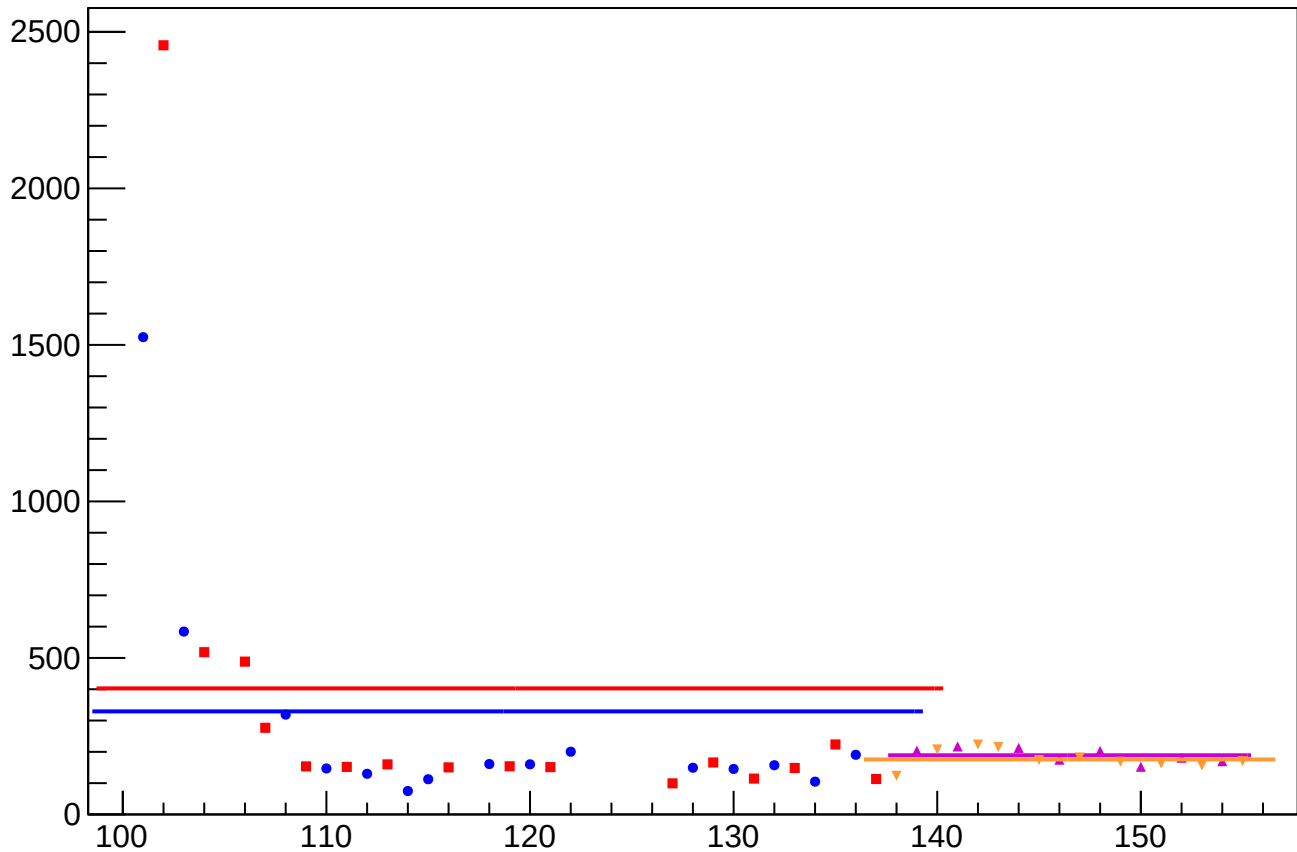
- sign 1140.580+/-0.000 χ^2/NDF : 12143382454978

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000	χ^2/NDF : 1086544775216266395419904724422998622208.0/14
Left Out: 5069.854+/-0.000	χ^2/NDF : 421987584116776829787804451950081081344.0/9
Right Out: 2026.969+/-0.000	χ^2/NDF : 708626456603410705124518299956645199872.0/15
Left In: 5460.520+/-0.000	χ^2/NDF : 112366287124810410809571769221797380096.0/7
+ sign 3746.941+/-0.000 χ^2/NDF : 43844808216956 All: 3759.042+/-0.000 χ^2/NDF : 9201404358 - sign 3771.598+/-0.000 χ^2/NDF : 48165037214577	

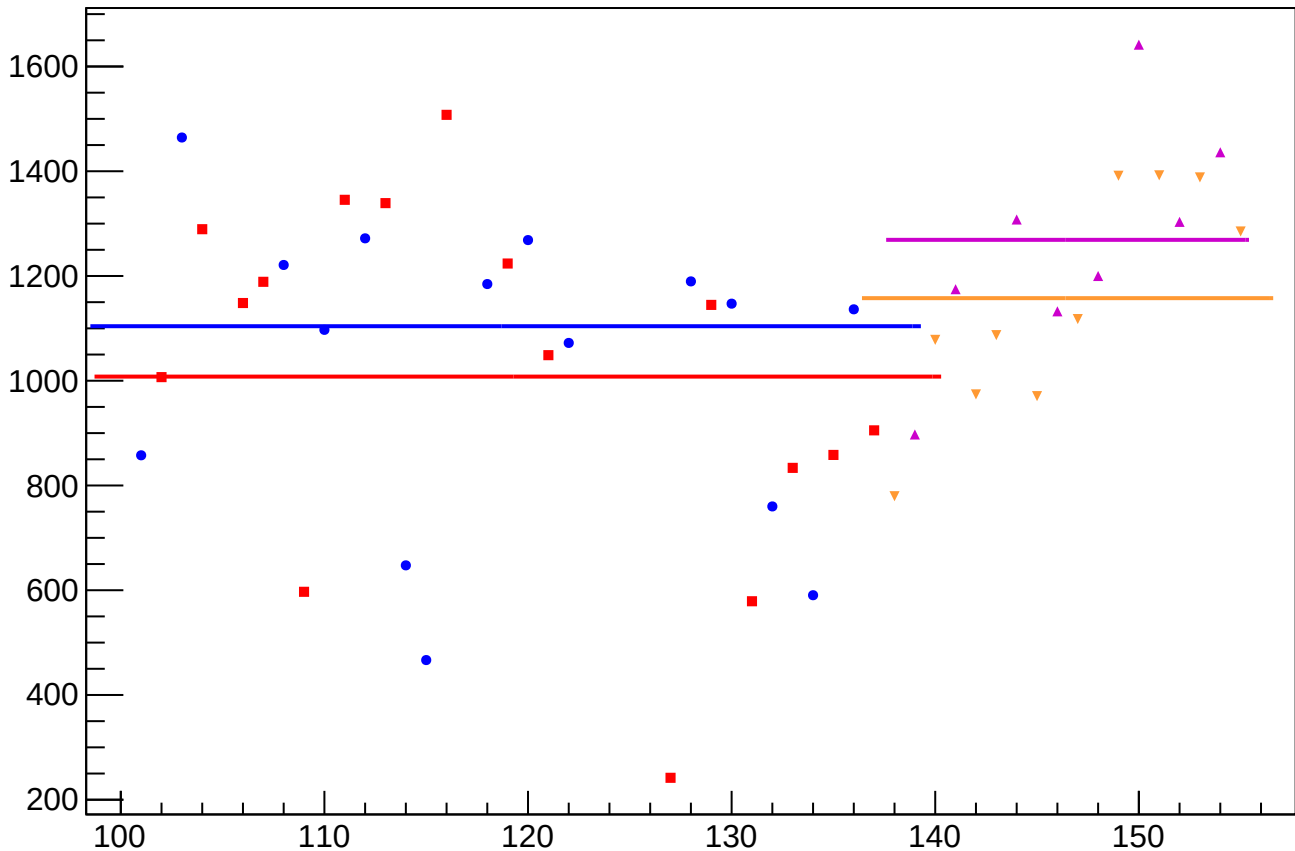
dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000	χ^2/NDF : 103285029091922742033837903437132464128.0/14
Left Out: 175.722+/-0.000	χ^2/NDF : 562714668028302246927455354015973376.0/9
Right Out: 402.690+/-0.000	χ^2/NDF : 277636056793293374242116053515003494400.0/15
Left In: 189.058+/-0.000	χ^2/NDF : 326634332611516759826269258756653056.0/7

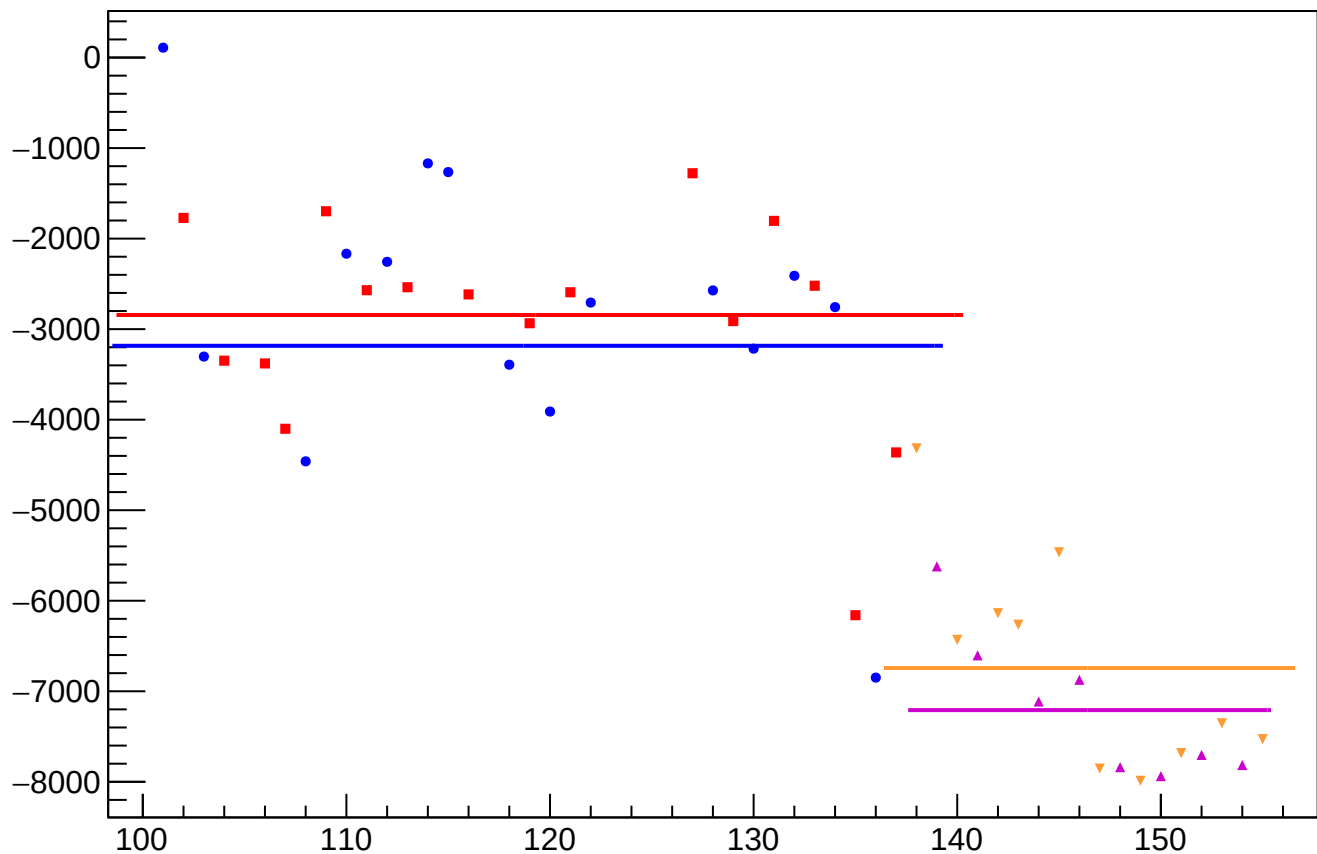
+ sign 246.530+/-0.000 χ^2/NDF : 112086793736697
 All: 269.896+/-0.000 χ^2/NDF : 40708226243
 - sign 294.141+/-0.000 χ^2/NDF : 293430187712660

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669 $\pm$ 0.000 χ^2 /NDF: 31163817564378796975786501086270980096.0/9
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1269.019 $\pm$ 0.000 χ^2 /NDF: 29248954105903421314584303143596589056.0/7

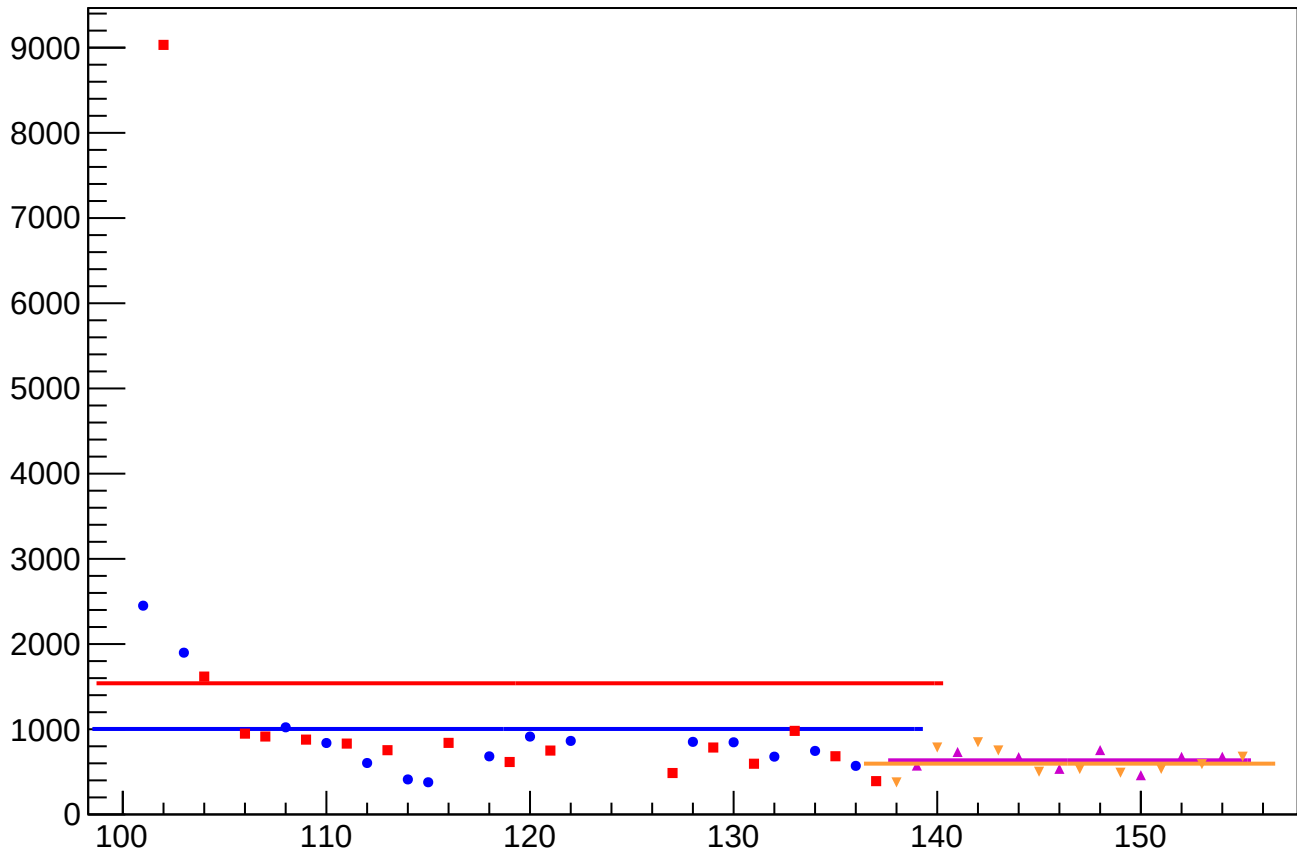
dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000	χ^2/NDF : 2134923281384422537296044119642733543424.0/14
Left Out: -6743.417+/-0.000	χ^2/NDF : 1007490561817163440894773844455387561984.0/9
Right Out: -2843.597+/-0.000	χ^2/NDF : 947077611563723244705531091944015396864.0/15
Left In: -7208.228+/-0.000	χ^2/NDF : 381236106651605891799400646767529689088.0/7

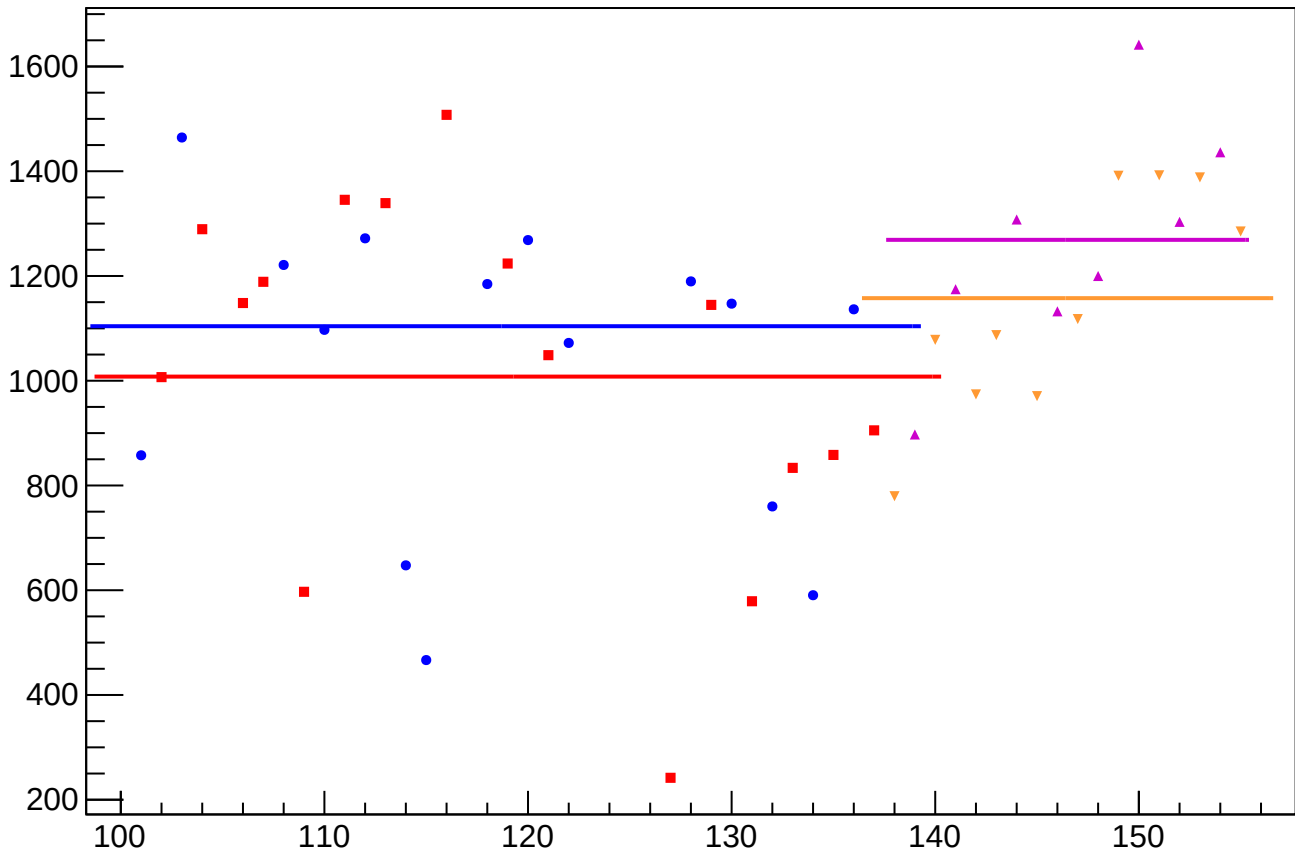
+ sign -5101.549+/-0.000 χ^2/NDF : 7572327259511
 All: -5081.805+/-0.000 χ^2/NDF : 1535801059
 - sign -5061.319+/-0.000 χ^2/NDF : 77845657357725

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 596.305+/-0.000 χ^2/NDF : 14054079905400304003479813728336084992.0/9
 Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: 635.415+/-0.000 χ^2/NDF : 6380443067081534863407194145197916160.0/7

dit_atr2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

+ sign 1132.964+/-0.000 χ^2/NDF : 64904581481585

Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9

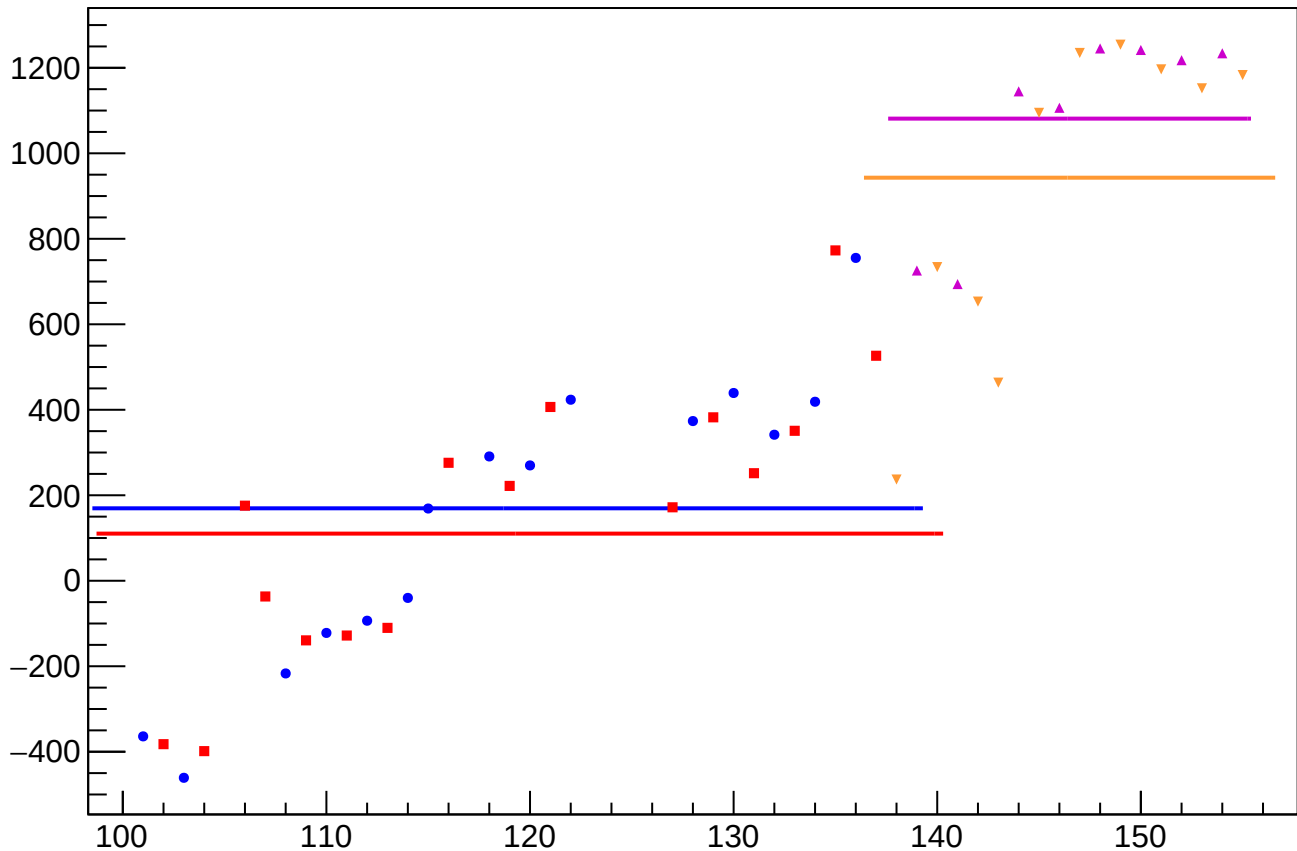
All: 1136.702+/-0.000 χ^2/NDF : 18637845742

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

- sign 1140.580+/-0.000 χ^2/NDF : 12143382454978

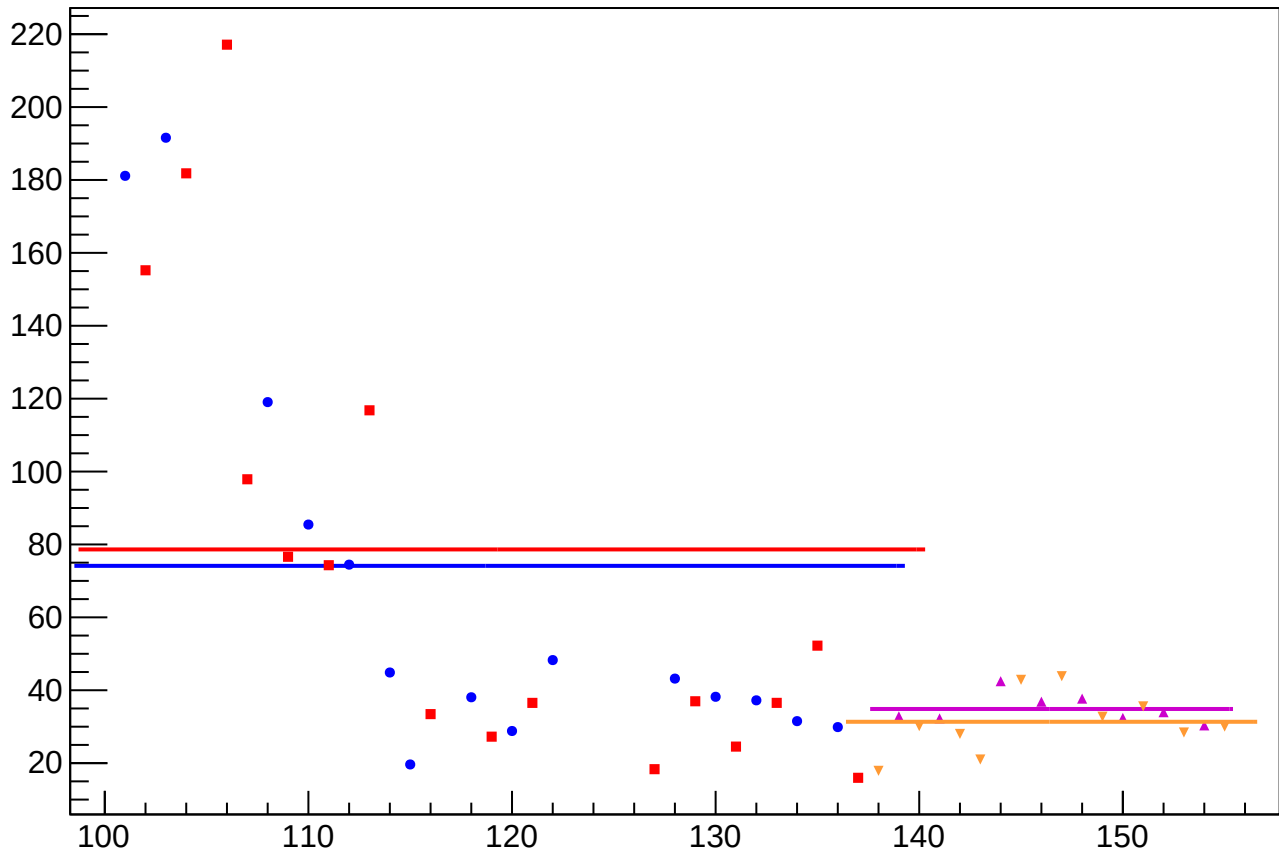
Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

dit_sam1_coil3_mean vs Slug



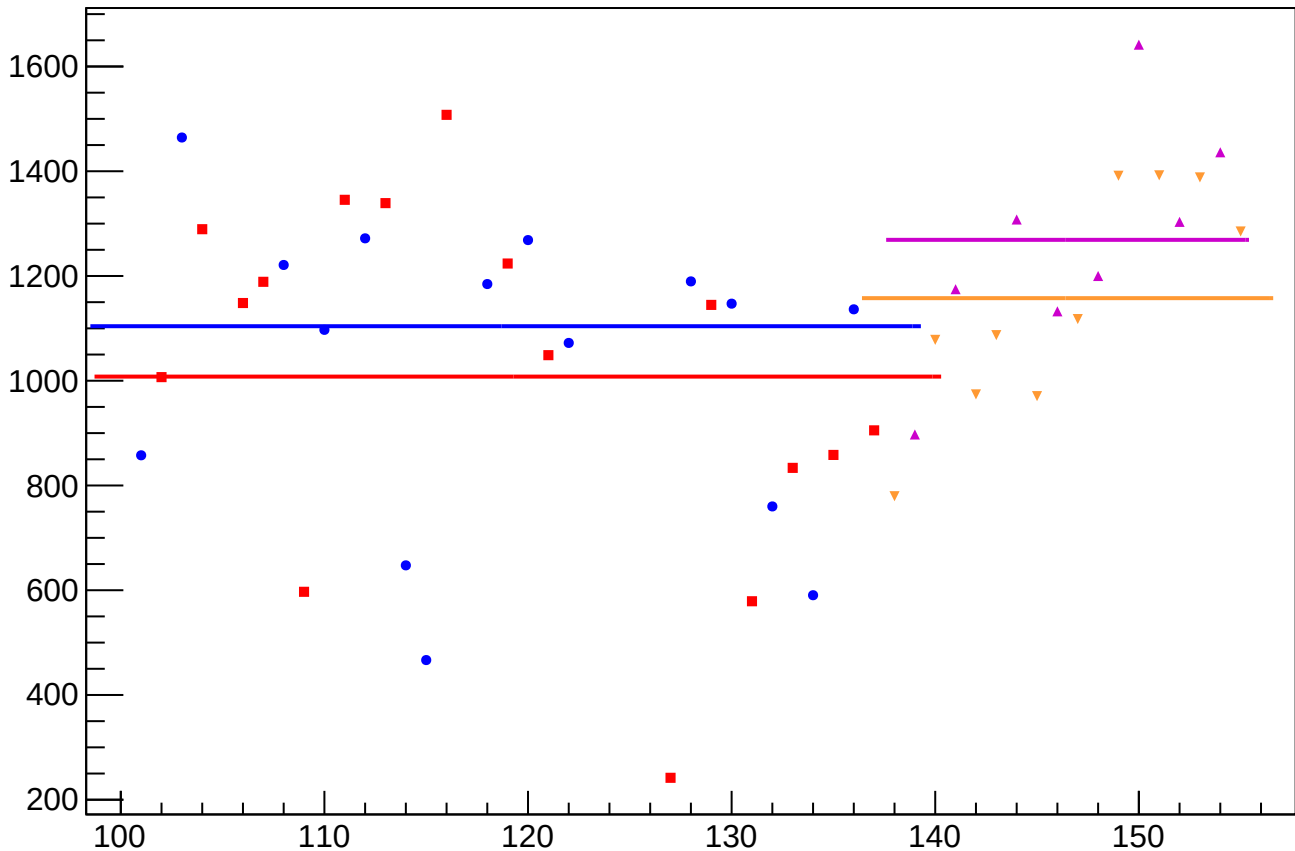
Right In: 169.489 $\pm$ 0.000 χ^2 /NDF: 95435894585210891032426613567490359296.0/14
 Left Out: 942.952 $\pm$ 0.000 χ^2 /NDF: 91665695147841495524459715084523929600.0/9
 Right Out: 110.289 $\pm$ 0.000 χ^2 /NDF: 71770784102052938523592716508479881216.0/15
 Left In: 1081.150 $\pm$ 0.000 χ^2 /NDF: 31691568166123860905433996852769849344.0/7

dit_sam1_coil3_err_mean vs Slug



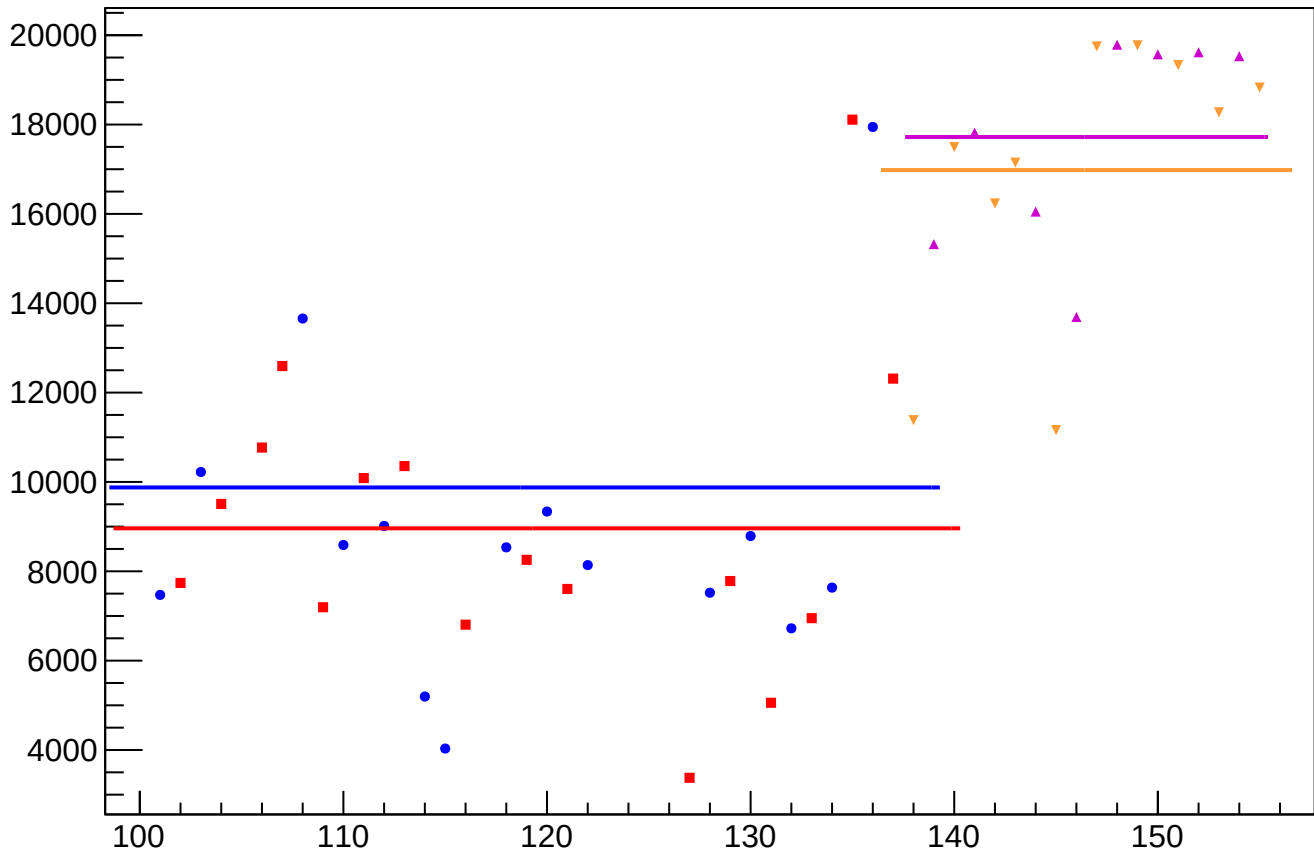
Right In: 74.129 $\pm$ 0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14
 Left Out: 31.348 $\pm$ 0.000 χ^2/NDF : 47267184392169565211453762238939136.0/9
 Right Out: 78.633 $\pm$ 0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15
 Left In: 34.860 $\pm$ 0.000 χ^2/NDF : 9501011910420551703094358119022592.0/7

dit_sam1_coil3_Ndata_mean vs Slug



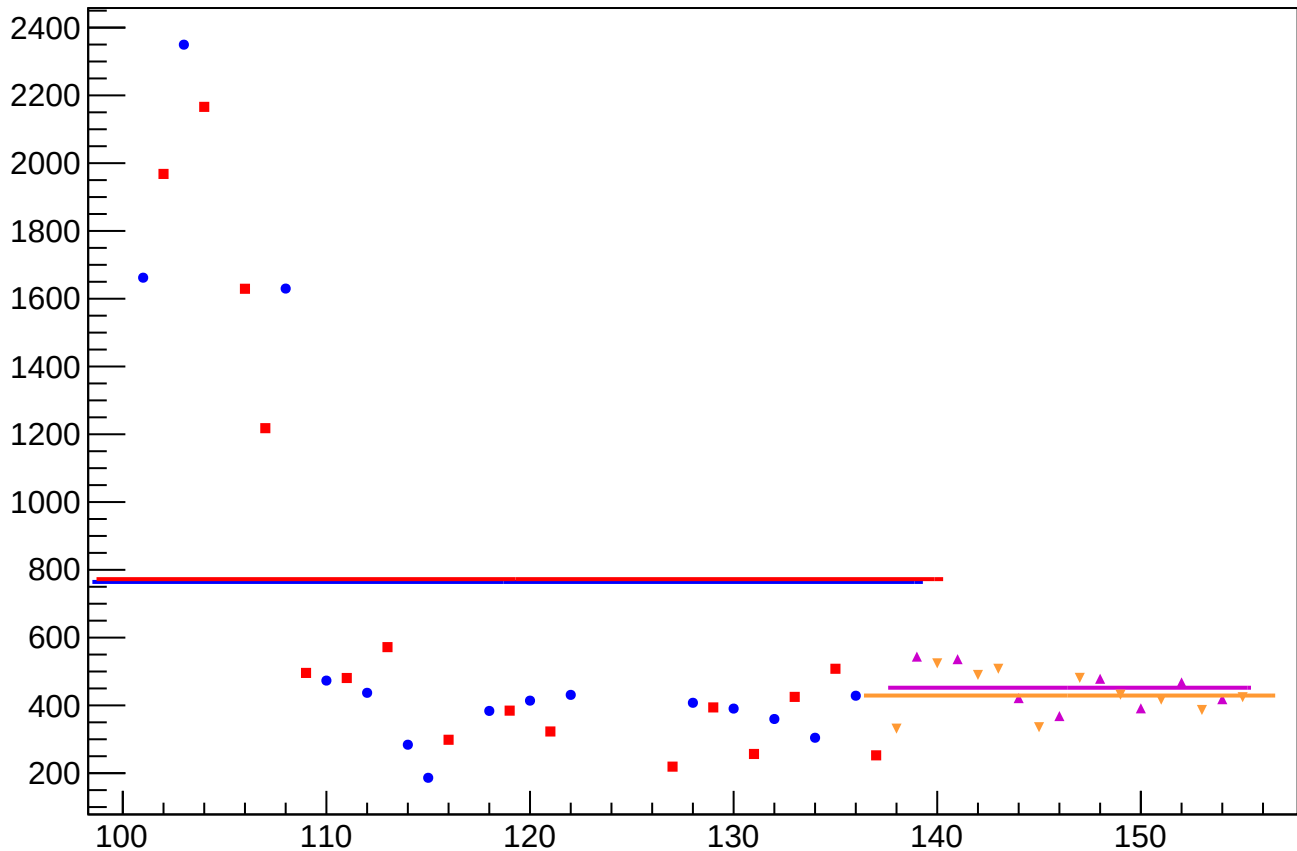
Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669 $\pm$ 0.000 χ^2 /NDF: 31163817564378796975786501086270980096.0/9
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1269.019 $\pm$ 0.000 χ^2 /NDF: 29248954105903421314584303143596589056.0/7

dit_sam2_coil3_mean vs Slug



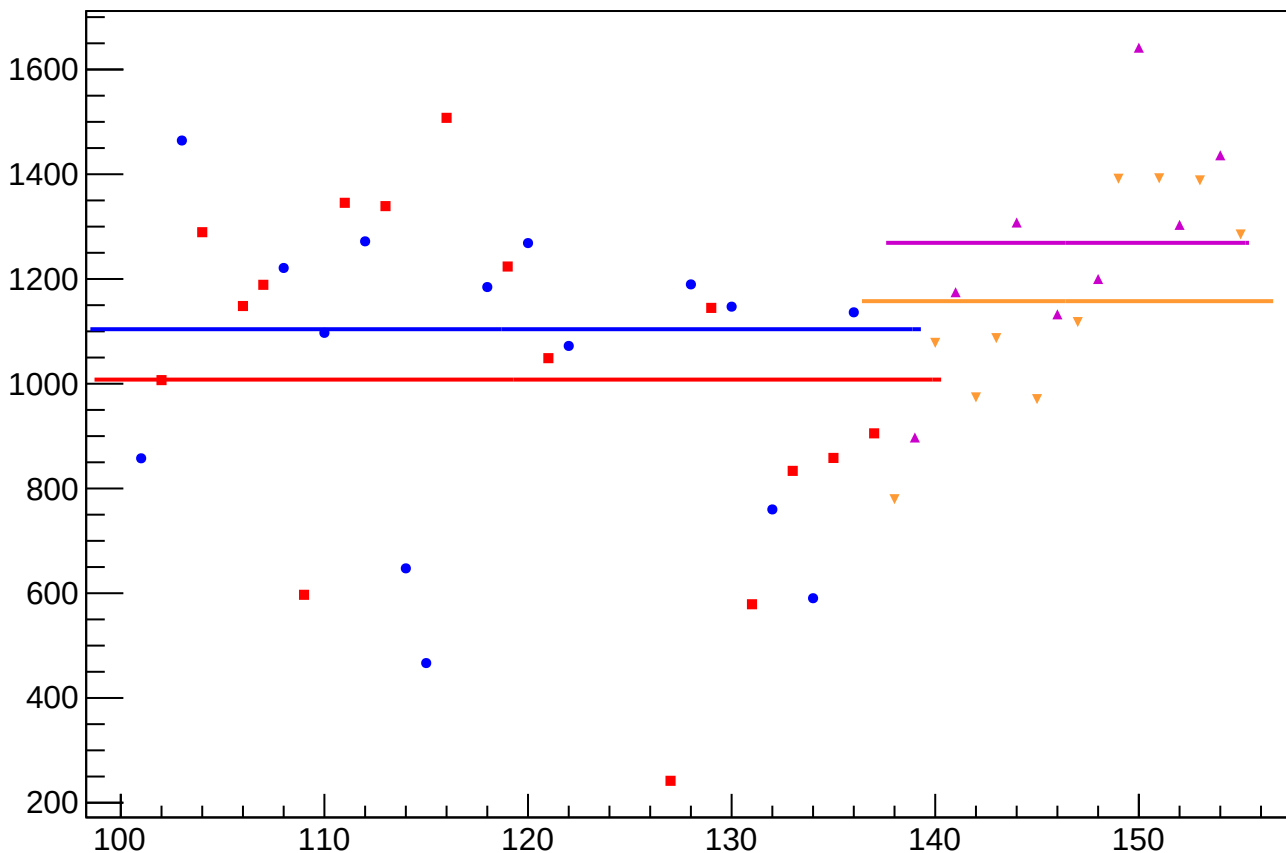
Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 16980.949+/-0.000 χ^2/NDF : 7328845184407408219300297826110277681152.0/9
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 17720.521+/-0.000 χ^2/NDF : 3336653864318630296384614866346022273024.0/7

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14
 Left Out: 429.058+/-0.000 χ^2/NDF : 3160557716672717101528666844507930624.0/9
 Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15
 Left In: 452.118+/-0.000 χ^2/NDF : 2469248645687353920788762149127192576.0/7

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

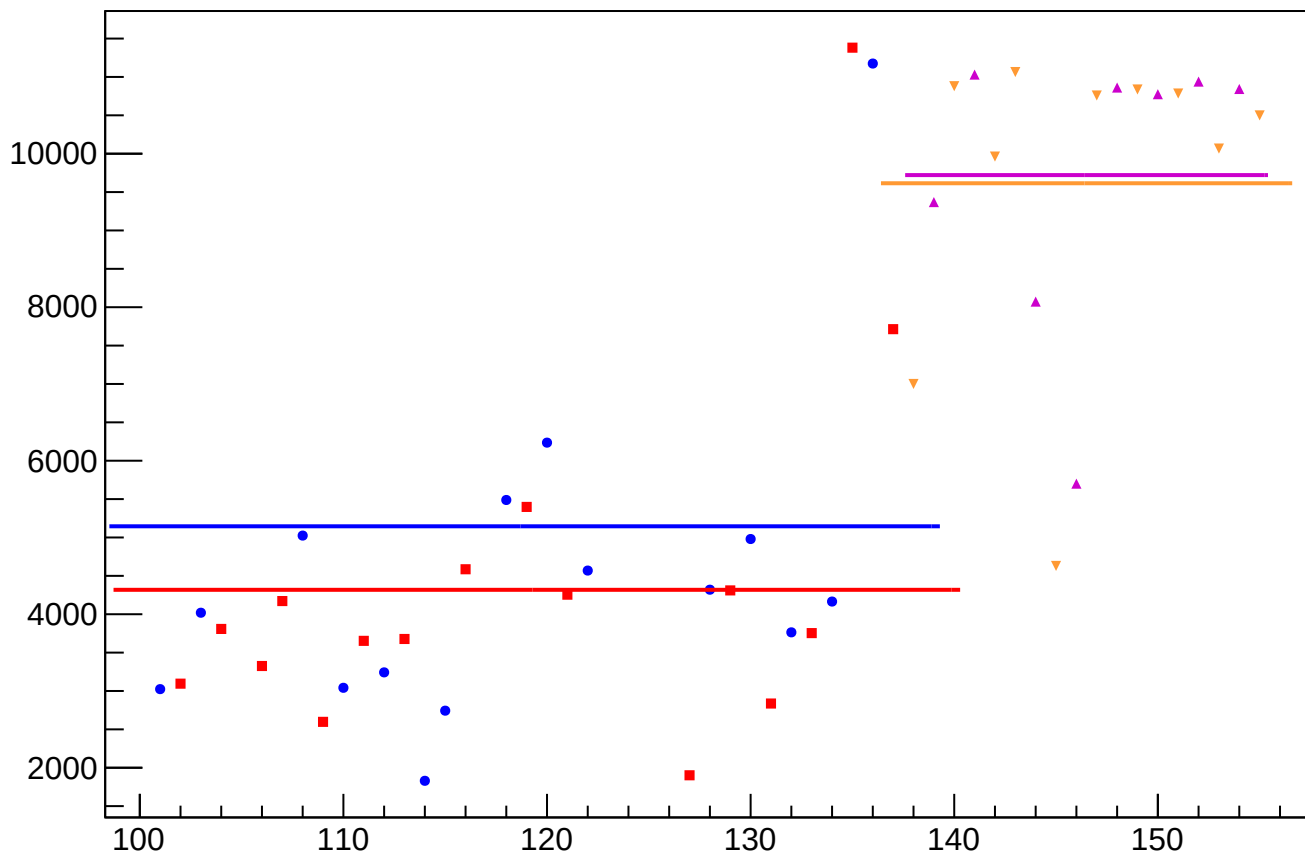
Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

+ sign 1132.964+/-0.000 χ^2/NDF : 64904581481585

All: 1136.702+/-0.000 χ^2/NDF : 18637845742

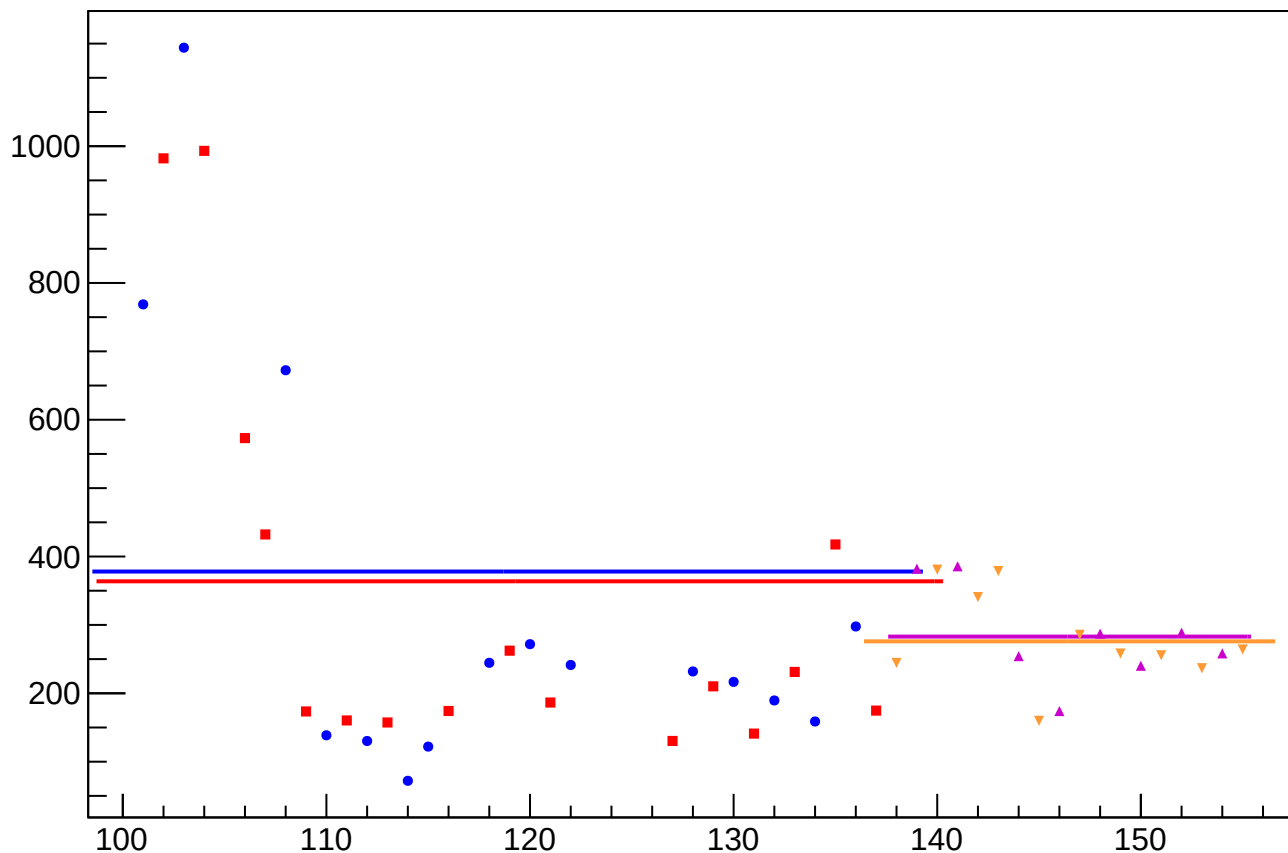
- sign 1140.580+/-0.000 χ^2/NDF : 12143382454978

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 9614.878+/-0.000 χ^2/NDF : 3236554676750596026448494810344259059712.0/9
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 9721.297+/-0.000 χ^2/NDF : 2190347482189239494366244430265295306752.0/7

dit_sam3_coil3_err_mean vs Slug



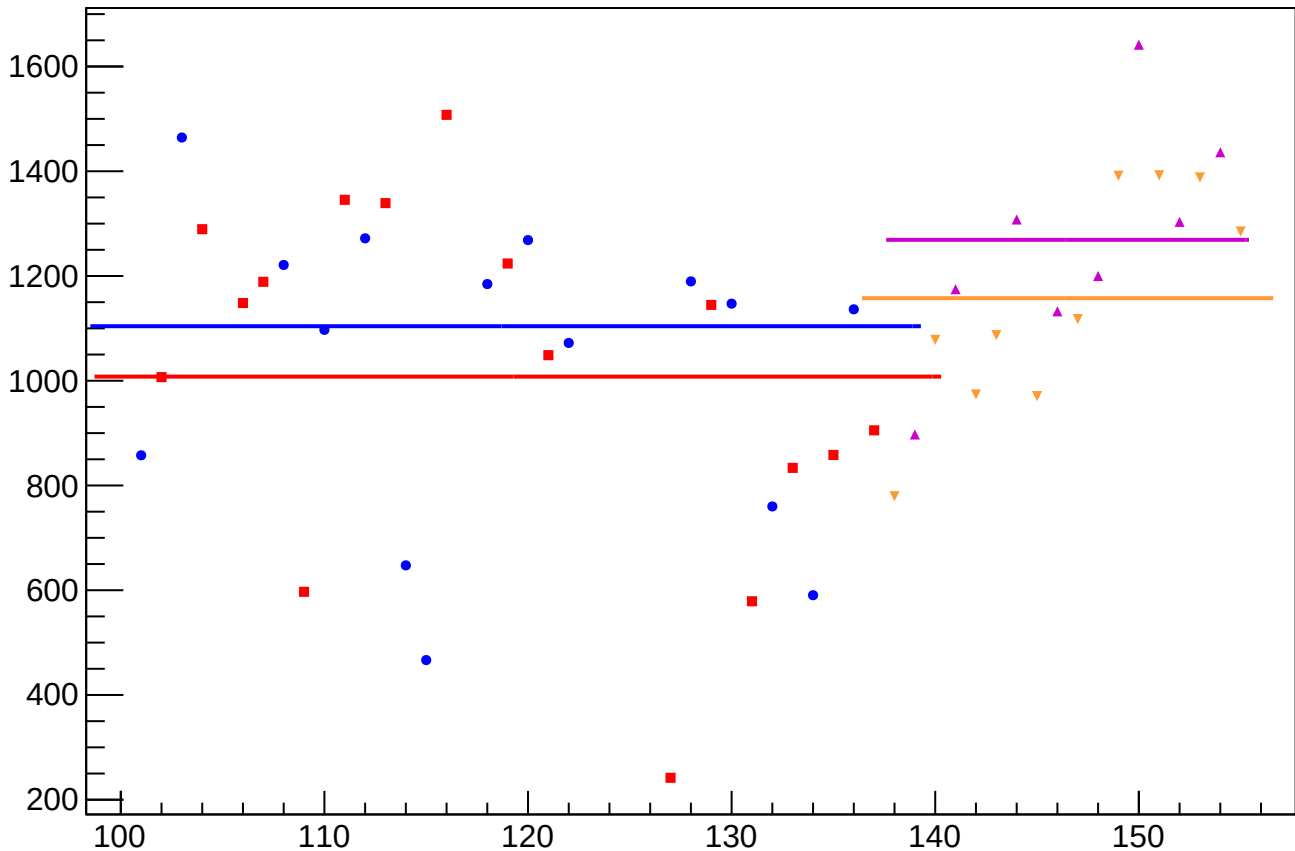
Right In: 378.052 $\pm$ 0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 275.954 $\pm$ 0.000 χ^2/NDF : 3181591471815070624331386615387652096.0/9

Right Out: 363.772 $\pm$ 0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

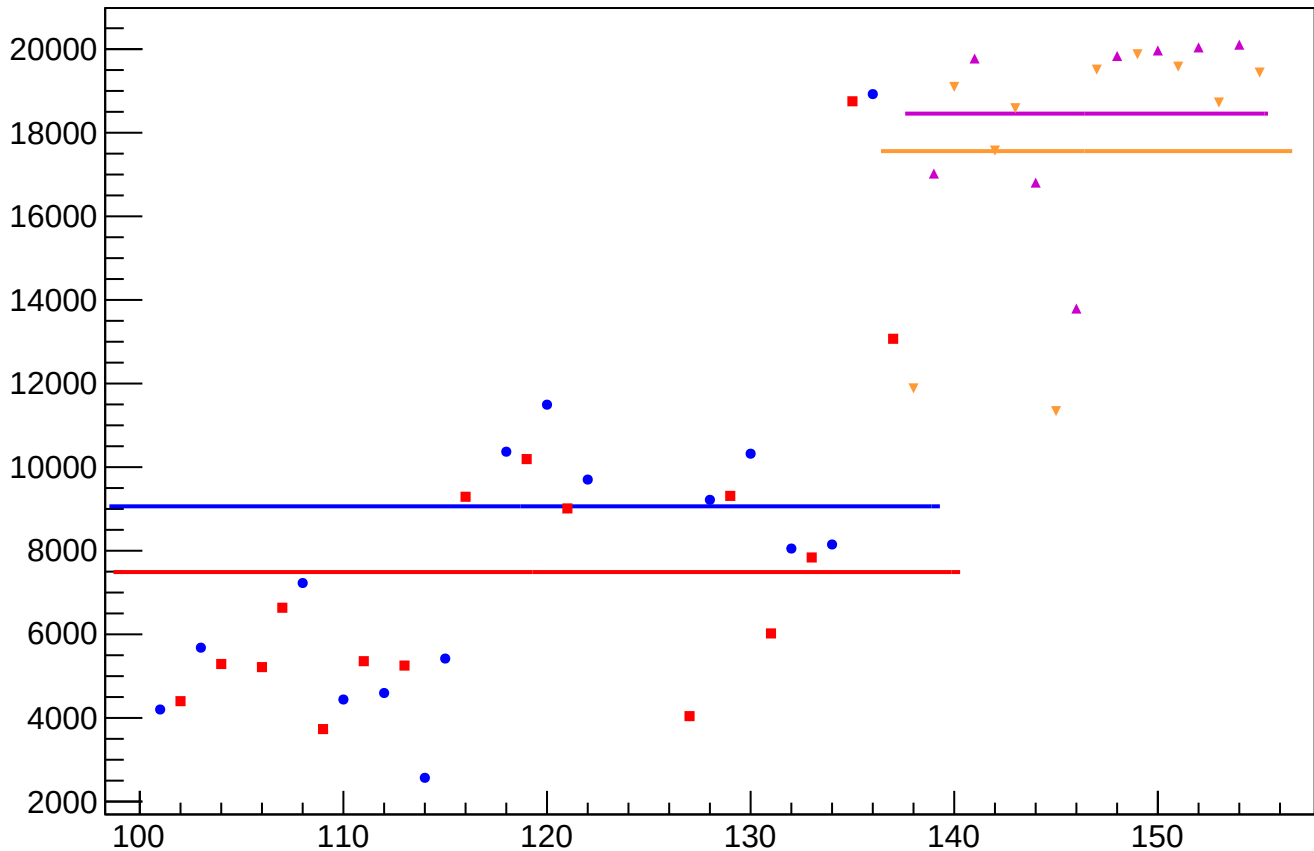
Left In: 282.911 $\pm$ 0.000 χ^2/NDF : 2977509235340854919394013768738406400.0/7

dit_sam3_coil3_Ndata_mean vs Slug



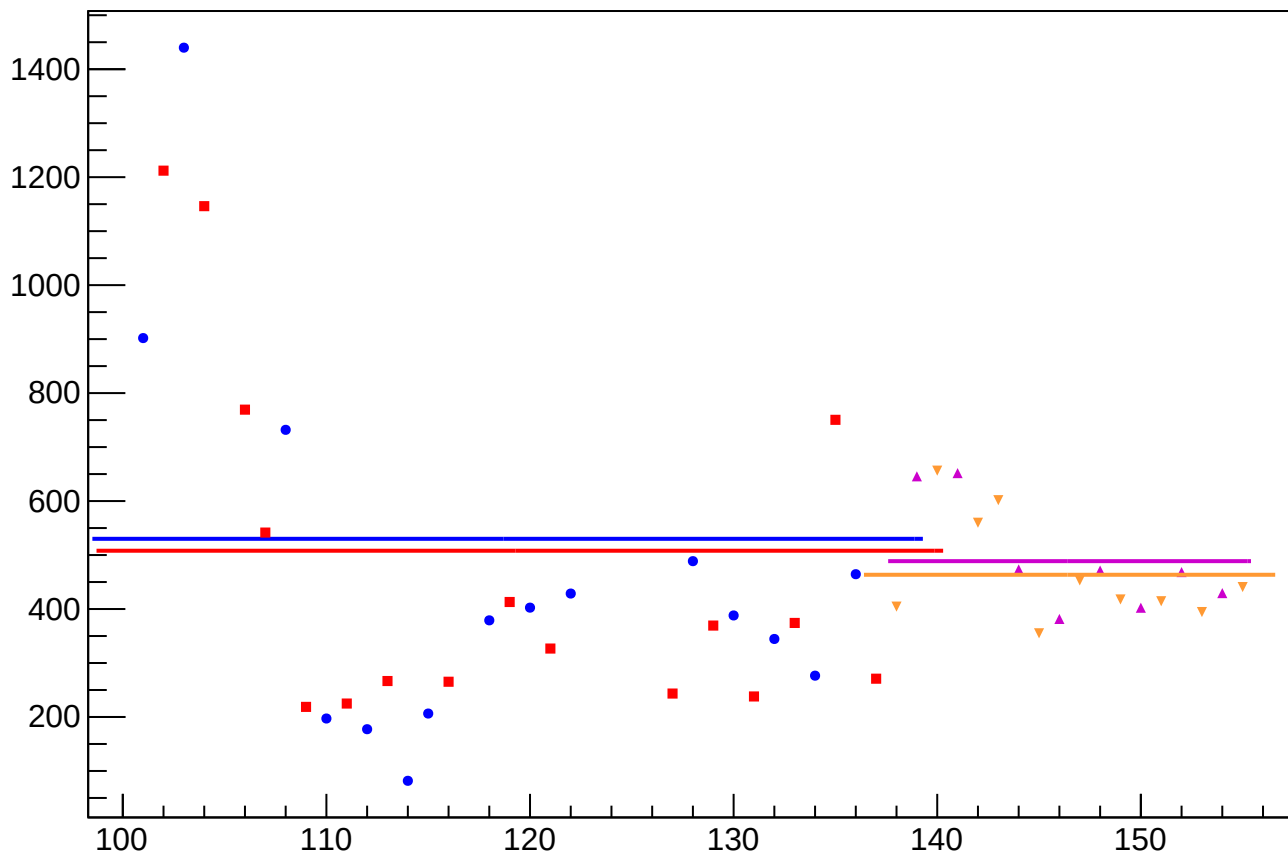
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 17560.141+/-0.000 χ^2/NDF : 7370073423037123156395033740393014362112.0/9
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 18457.423+/-0.000 χ^2/NDF : 3189571344968433296954058125794867150848.0/7

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

+ sign 494.177+/-0.000 χ^2/NDF : 871024776971620

Left Out: 463.455+/-0.000 χ^2/NDF : 6796871501590123238195377261621805056.0/9

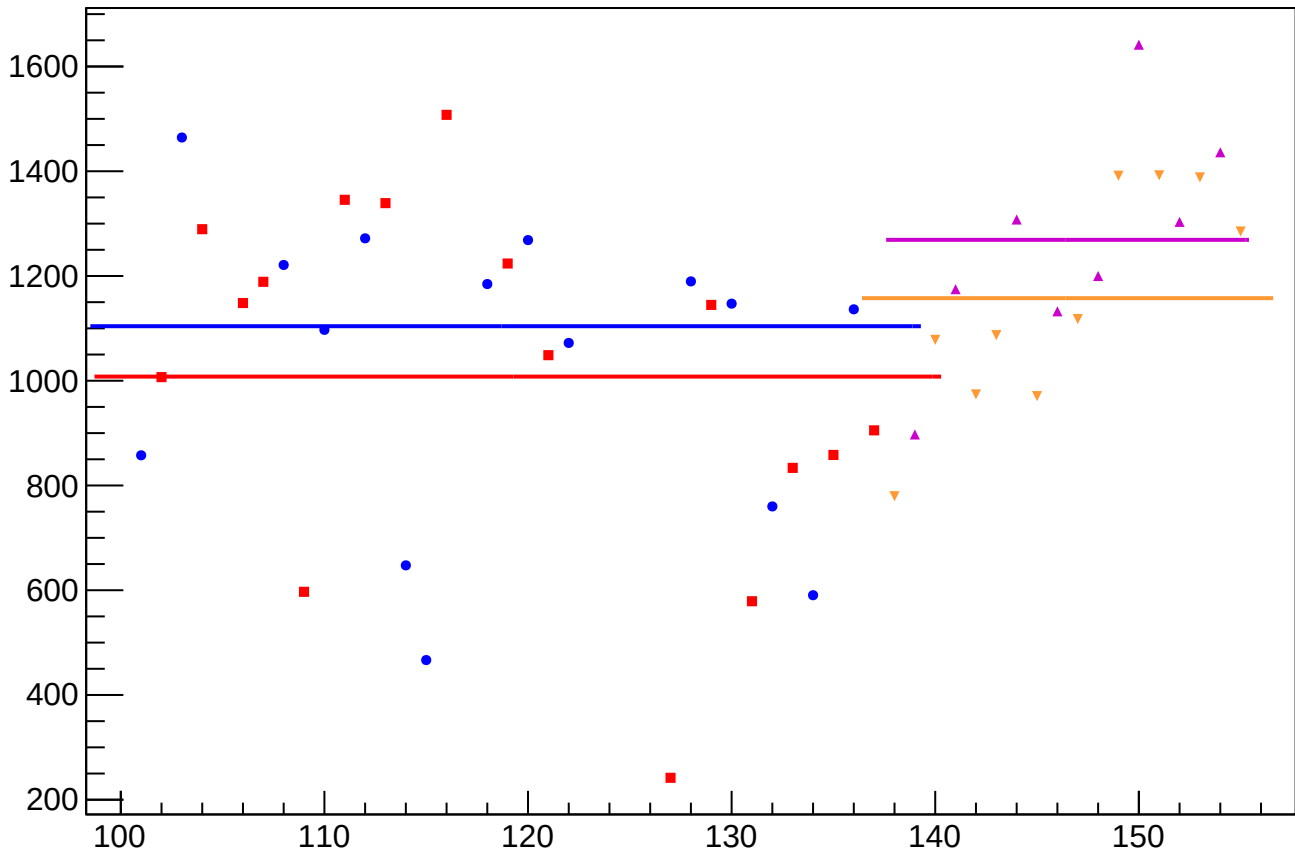
All: 496.140+/-0.000 χ^2/NDF : 170212851940

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

- sign 498.177+/-0.000 χ^2/NDF : 830993221759310

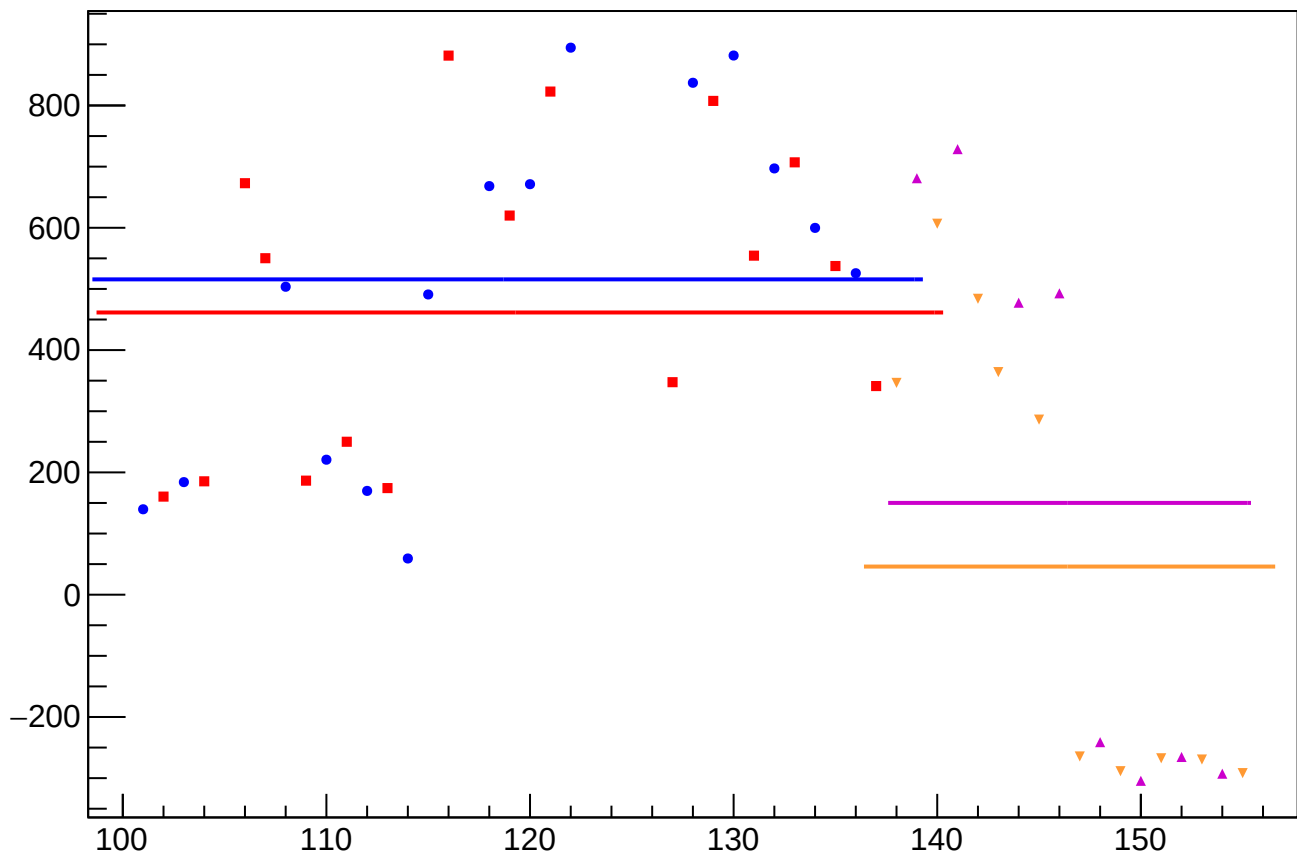
Left In: 488.681+/-0.000 χ^2/NDF : 6283269989778835971467148560967925760.0/7

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669 $\pm$ 0.000 χ^2 /NDF: 31163817564378796975786501086270980096.0/9
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1269.019 $\pm$ 0.000 χ^2 /NDF: 29248954105903421314584303143596589056.0/7

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 46.002+/-0.000 χ^2/NDF : 95172816173593550401727209894378995712.0/9

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

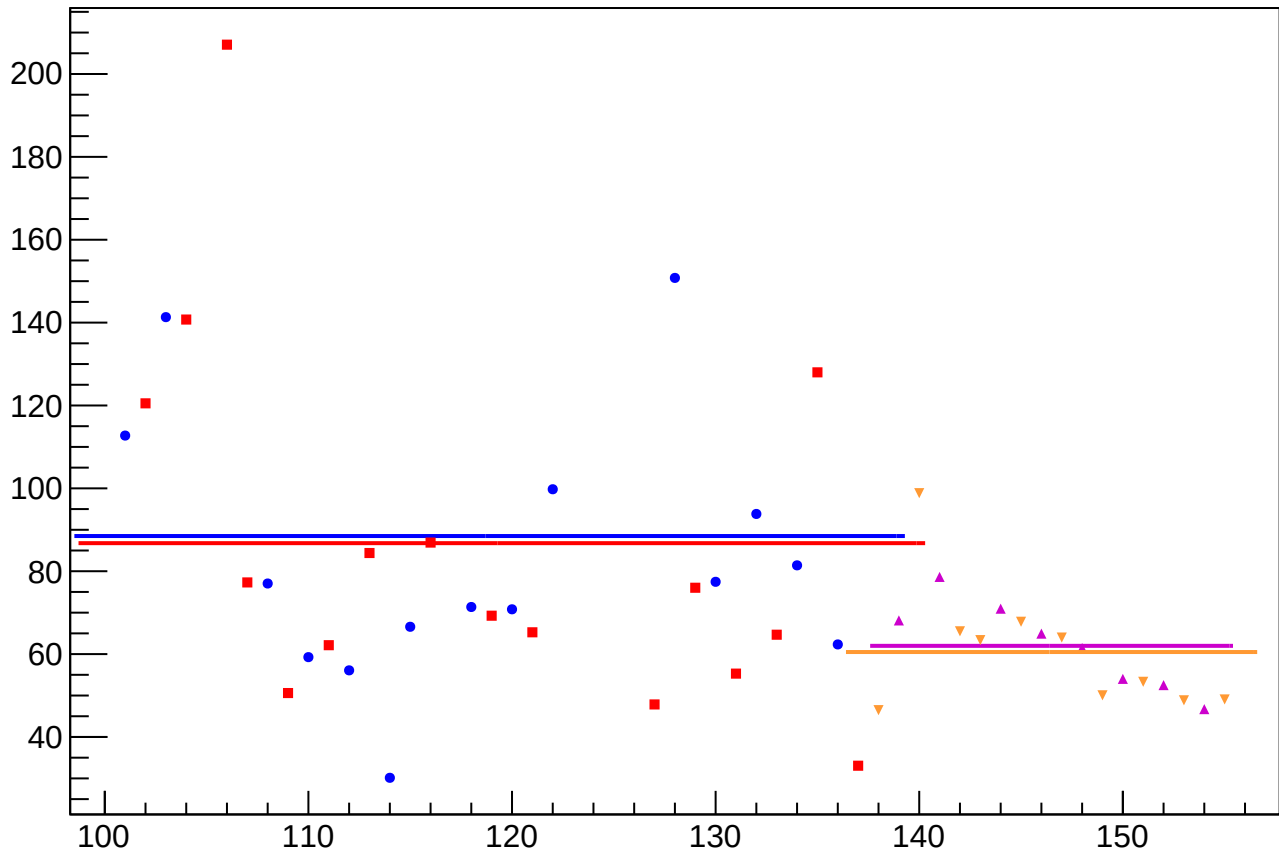
Left In: 150.090+/-0.000 χ^2/NDF : 134692735805604321569081584250932690944.0/7

+ sign 262.627+/-0.000 χ^2/NDF : 220753180033600

All: 282.572+/-0.000 χ^2/NDF : 42992588808

- sign 303.267+/-0.000 χ^2/NDF : 208032252090837

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14

Left Out: 60.499+/-0.000 χ^2/NDF : 178004499340055210936366293497937920.0/9

Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15

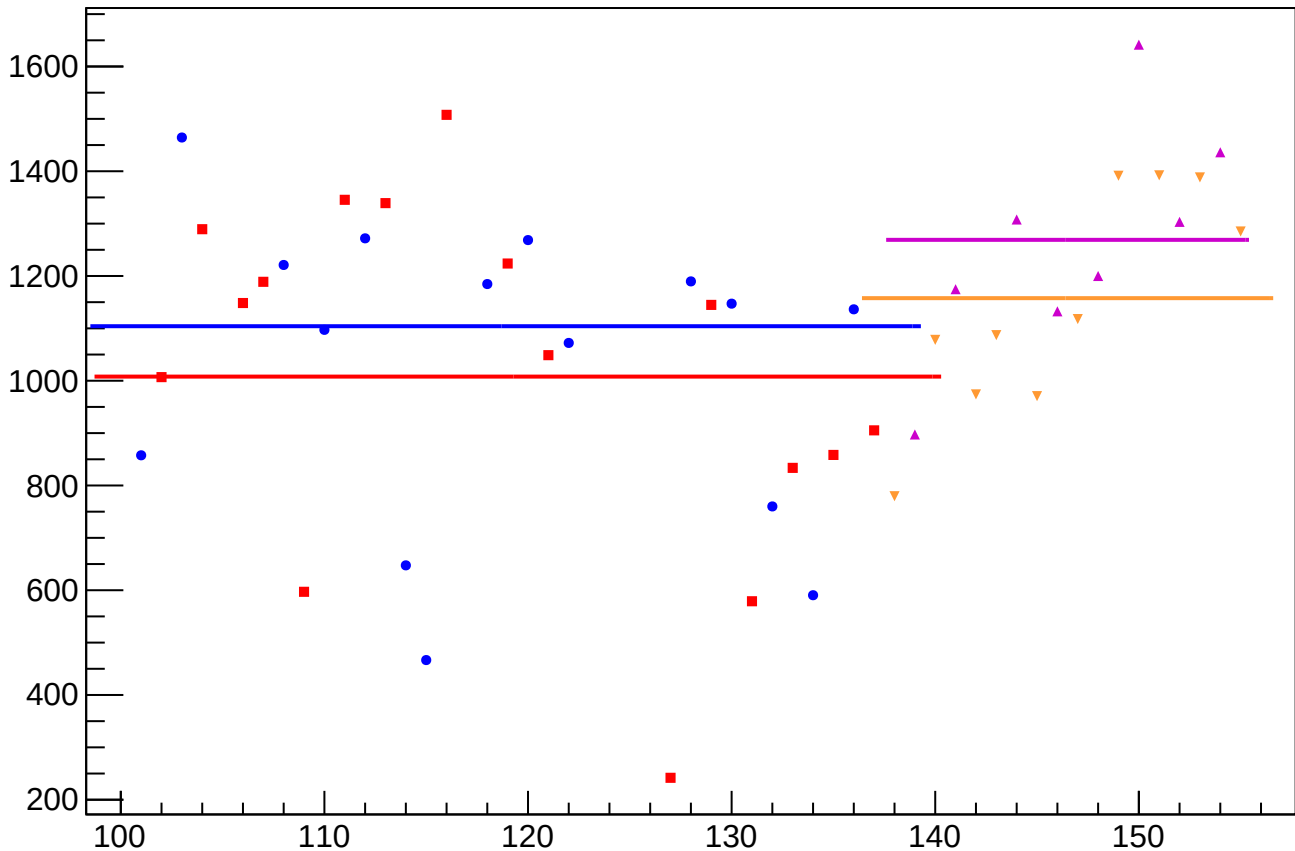
Left In: 61.993+/-0.000 χ^2/NDF : 68832775140870721723724136770961408.0/7

+ sign 73.412+/-0.000 χ^2/NDF : 1095230539487676

All: 73.790+/-0.000 χ^2/NDF : 2431791054749

- sign 74.182+/-0.000 χ^2/NDF : 1336150541835287

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

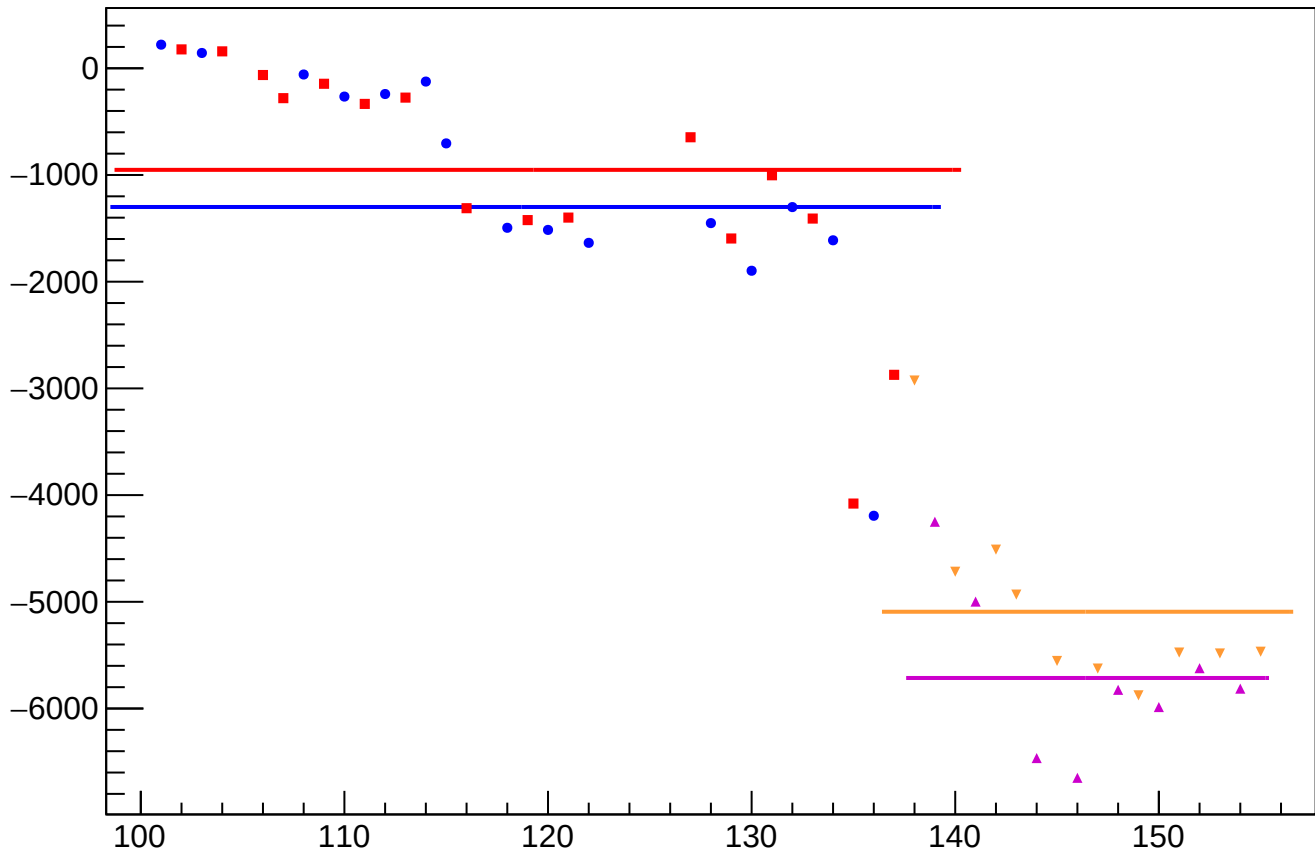
Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

All: 1136.702+/-0.000 χ^2/NDF : 18637845742

dit_sam6_coil3_mean vs Slug



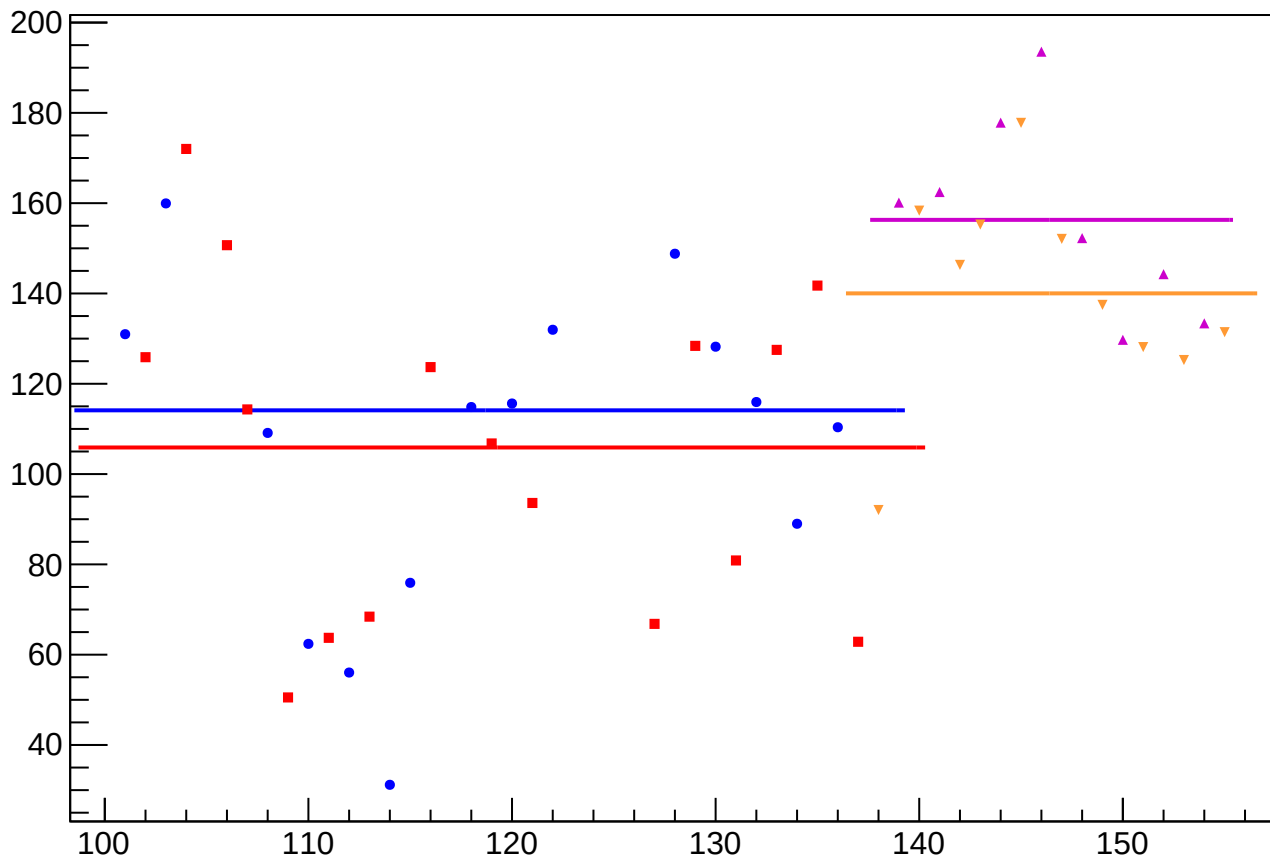
Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -5093.080+/-0.000	χ^2/NDF : 521462602163969722724673113494160146432.0/9
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5713.785+/-0.000	χ^2/NDF : 349388351476291096092460424588192382976.0/7

+ sign -3343.420+/-0.000 χ^2/NDF : 6751782469691

All: -3357.188+/-0.000 χ^2/NDF : 1562800702

- sign -3371.473+/-0.000 χ^2/NDF : 88756811493249

dit_sam6_coil3_err_mean vs Slug



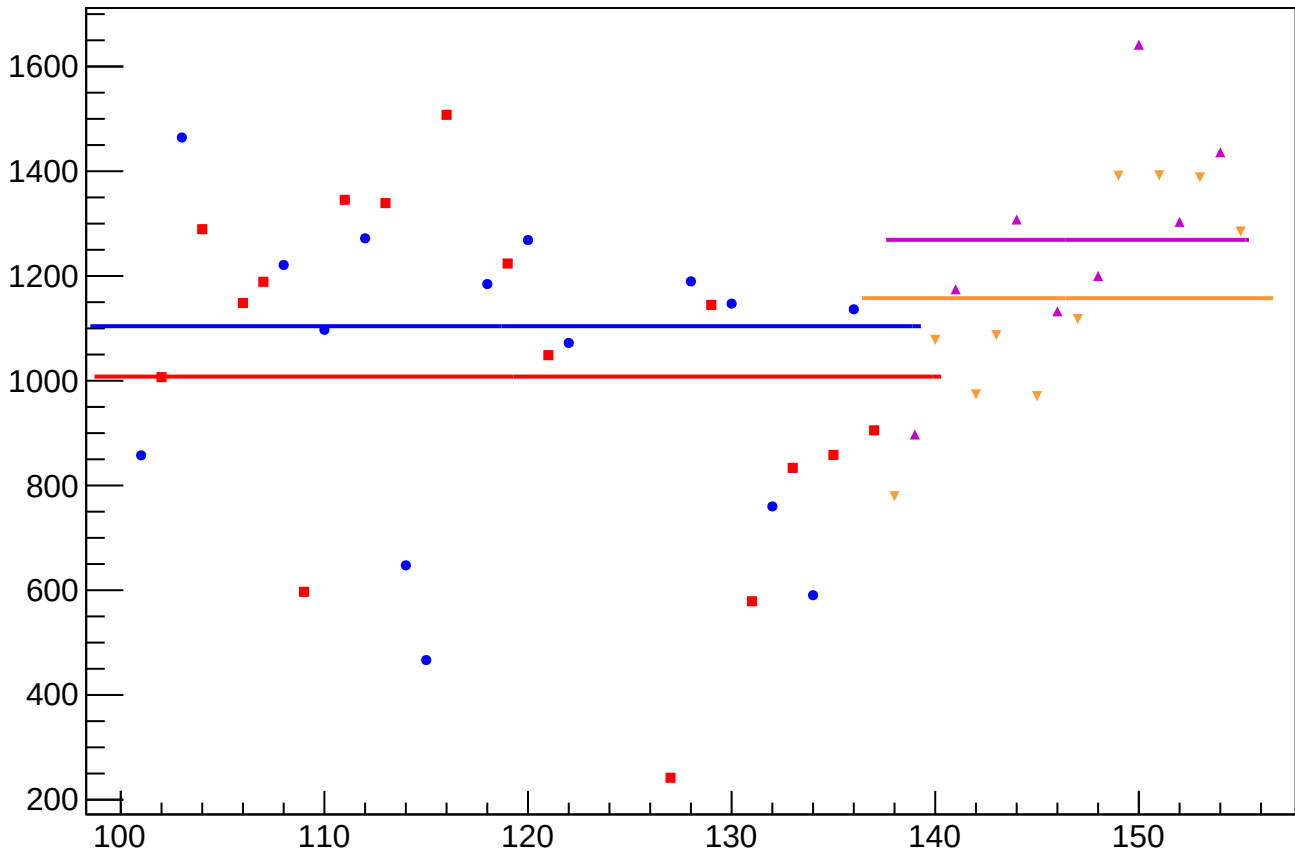
Right In: 114.118 $\pm$ 0.000 χ^2 /NDF: 607226770891525118881736460452495360.0/14

Left Out: 140.021 $\pm$ 0.000 χ^2 /NDF: 387268885686198421345927073040957440.0/9

Right Out: 105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15

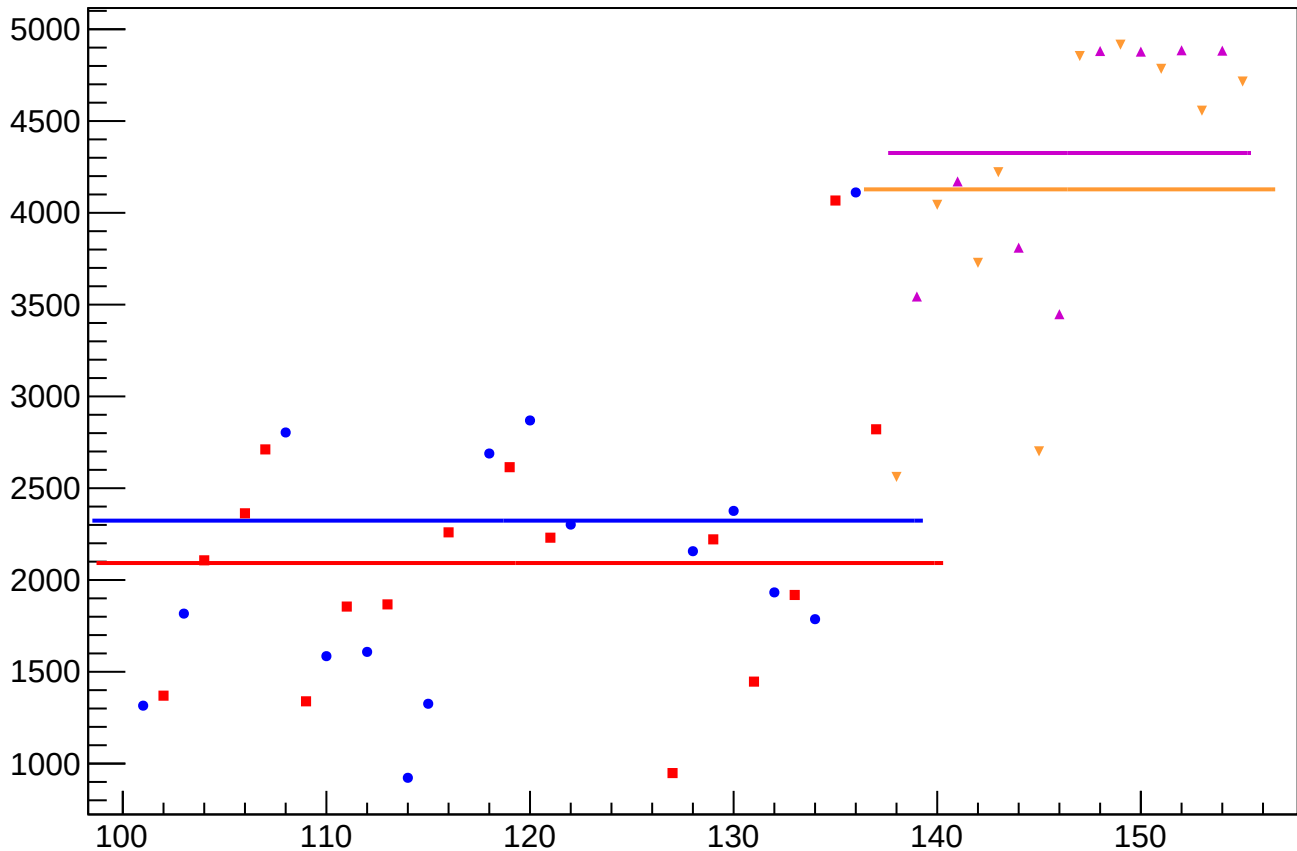
Left In: 156.302 $\pm$ 0.000 χ^2 /NDF: 285766804444451850212746075308032000.0/7

dit_sam6_coil3_Ndata_mean vs Slug



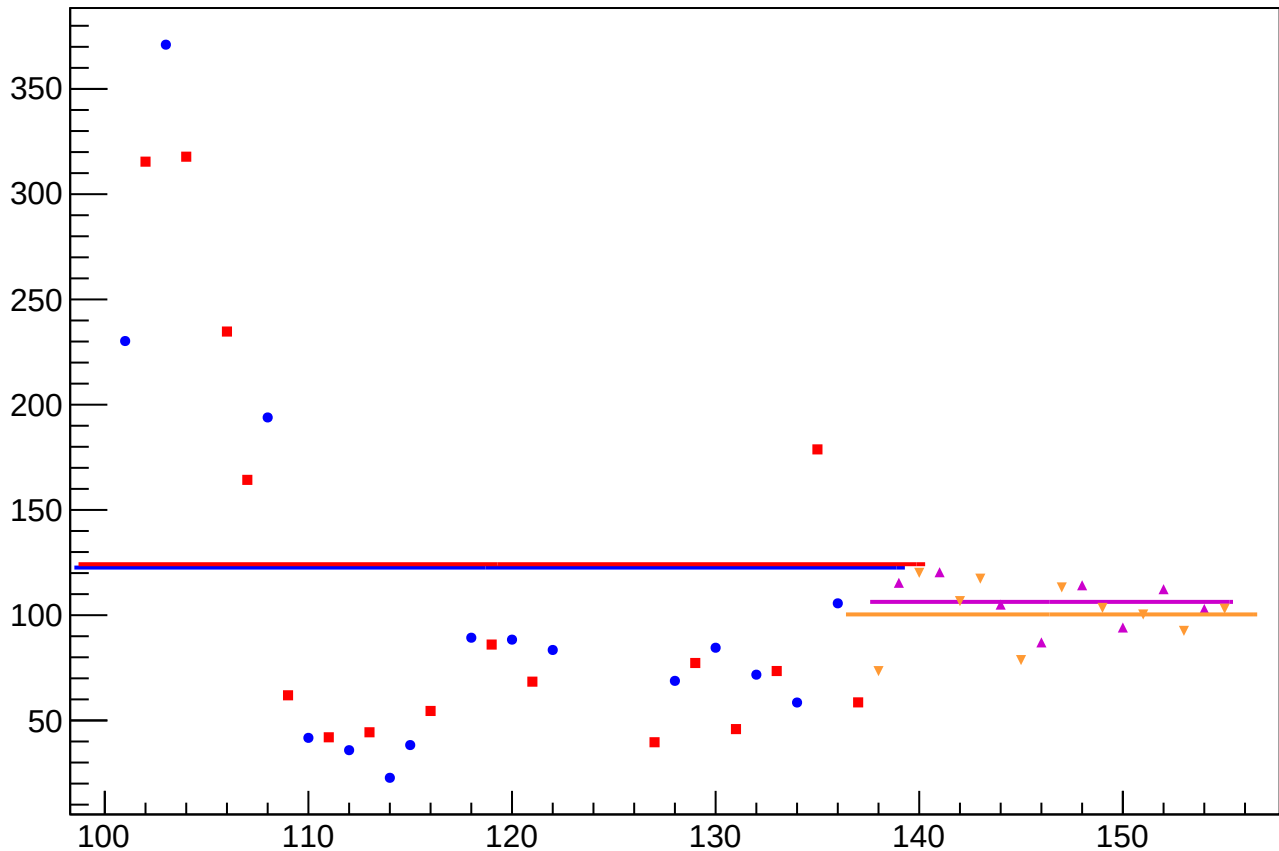
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9
 Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 3295.507+/-0.000	χ^2/NDF : 21494226714742
Left Out: 4127.850+/-0.000	χ^2/NDF : 534577727887901142692780400474547290112.0/9	All: 3262.041+/-0.000	χ^2/NDF : 44581527271
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- sign 3227.316+/-0.000	χ^2/NDF : 23055190812805
Left In: 4325.937+/-0.000	χ^2/NDF : 247761544259436939336356173760012746752.0/7		

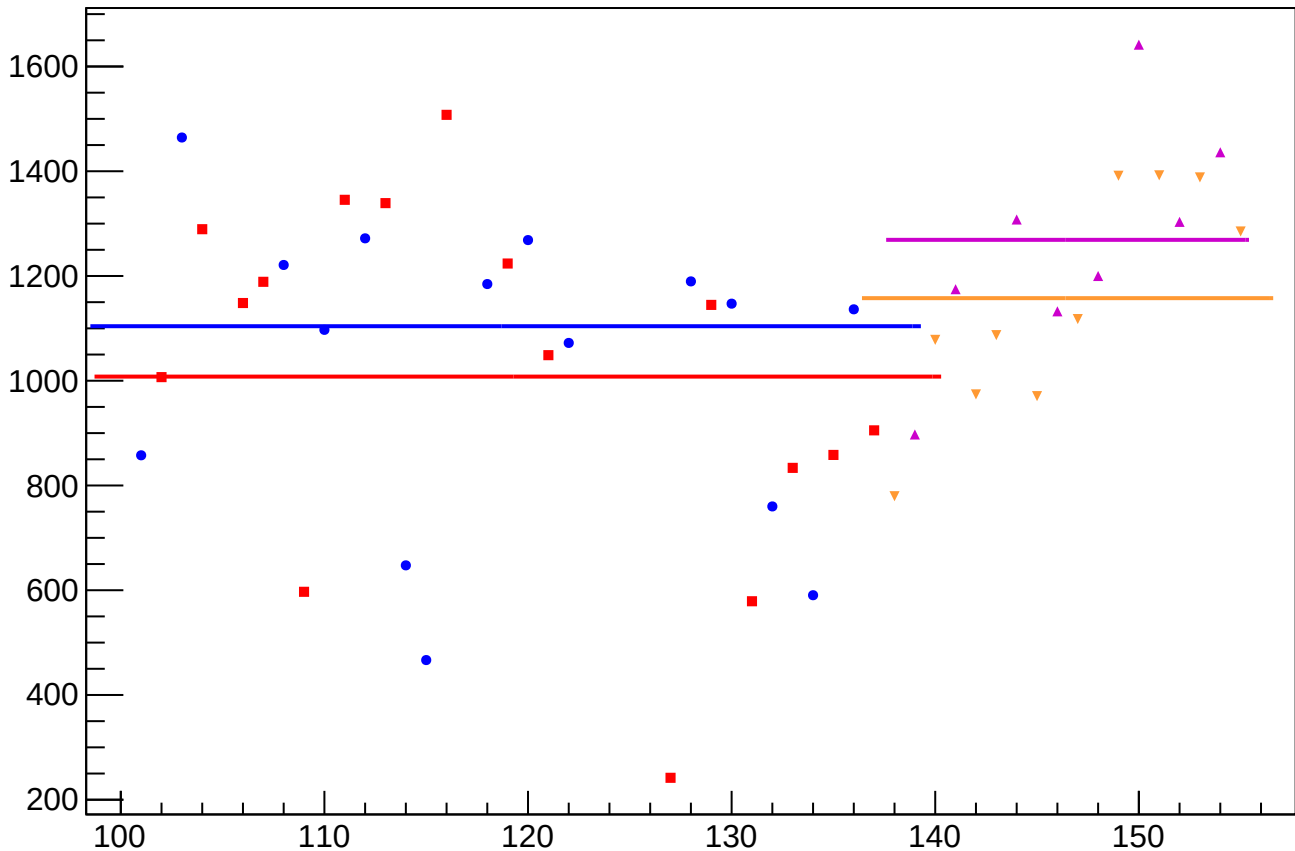
dit_sam7_coil3_err_mean vs Slug



Right In: 122.622 $\pm$ 0.000	χ^2 /NDF: 5937504661187691145903235842749497344.0/14
Left Out: 100.365 $\pm$ 0.000	χ^2 /NDF: 167278987508704704797664392836546560.0/9
Right Out: 124.216 $\pm$ 0.000	χ^2 /NDF: 6549627589629012958791202941129719808.0/15
Left In: 106.324 $\pm$ 0.000	χ^2 /NDF: 77303453888967232554866840522719232.0/7

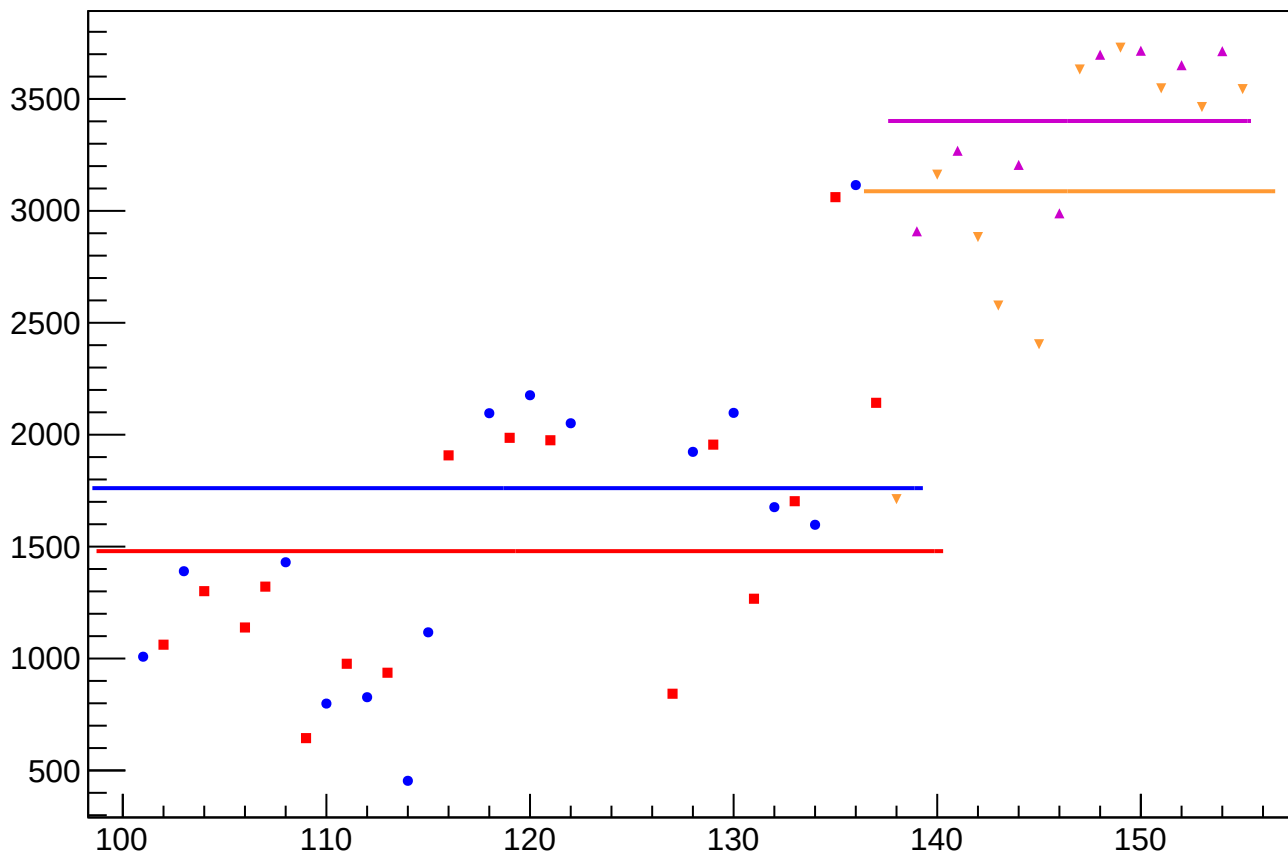
+ sign 110.632 $\pm$ 0.000 χ^2 /NDF: 627798237227921
 All: 112.837 $\pm$ 0.000 χ^2 /NDF: 13027358533
 - sign 115.125 $\pm$ 0.000 χ^2 /NDF: 673543488418878

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14
 Left Out: 1157.669 $\pm$ 0.000 χ^2 /NDF: 31163817564378796975786501086270980096.0/9
 Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15
 Left In: 1269.019 $\pm$ 0.000 χ^2 /NDF: 29248954105903421314584303143596589056.0/7

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

Left Out: 3087.675+/-0.000 χ^2/NDF : 307919745019163227939698292102271074304.0/9

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

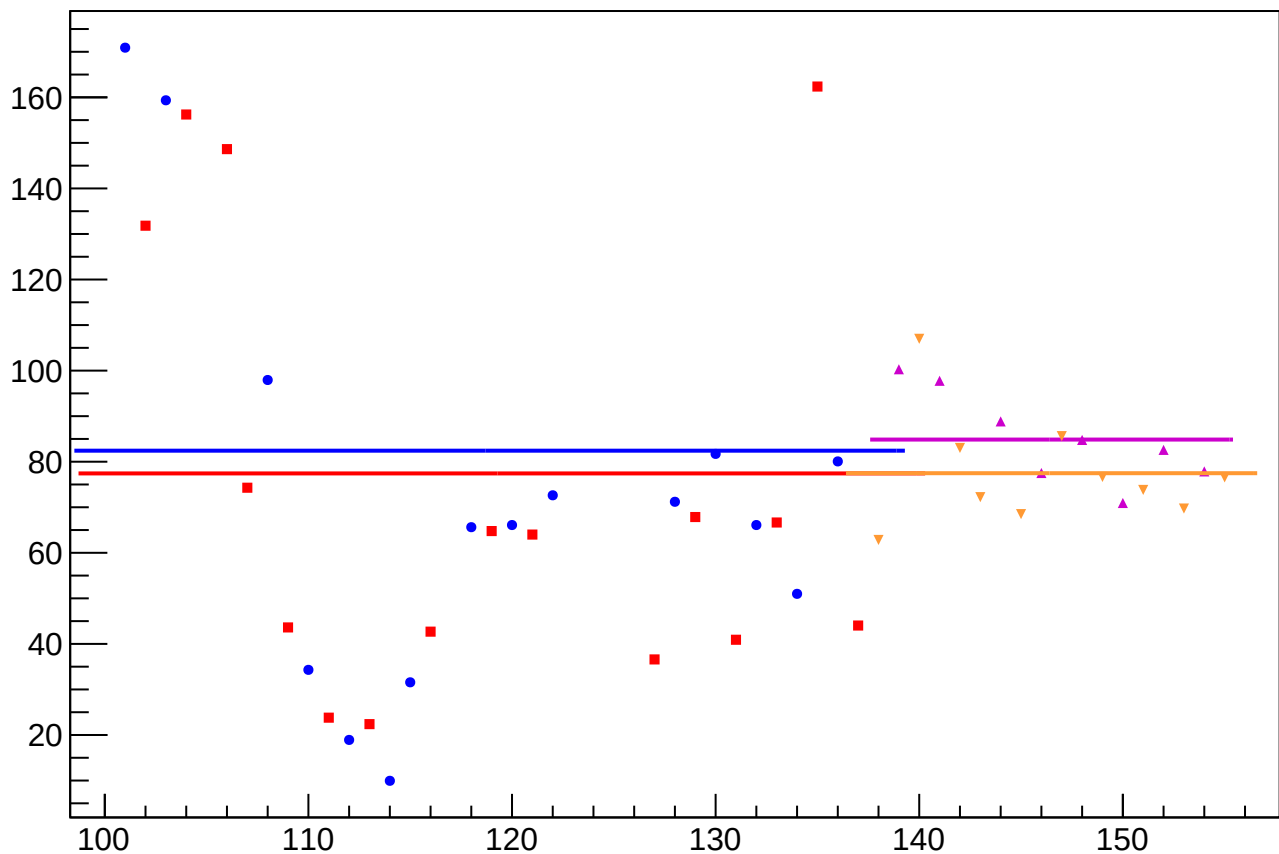
Left In: 3401.586+/-0.000 χ^2/NDF : 69118683585332242487486043446155673600.0/7

+ sign 2475.839+/-0.000 χ^2/NDF : 12552876293678

All: 2466.242+/-0.000 χ^2/NDF : 28398231048

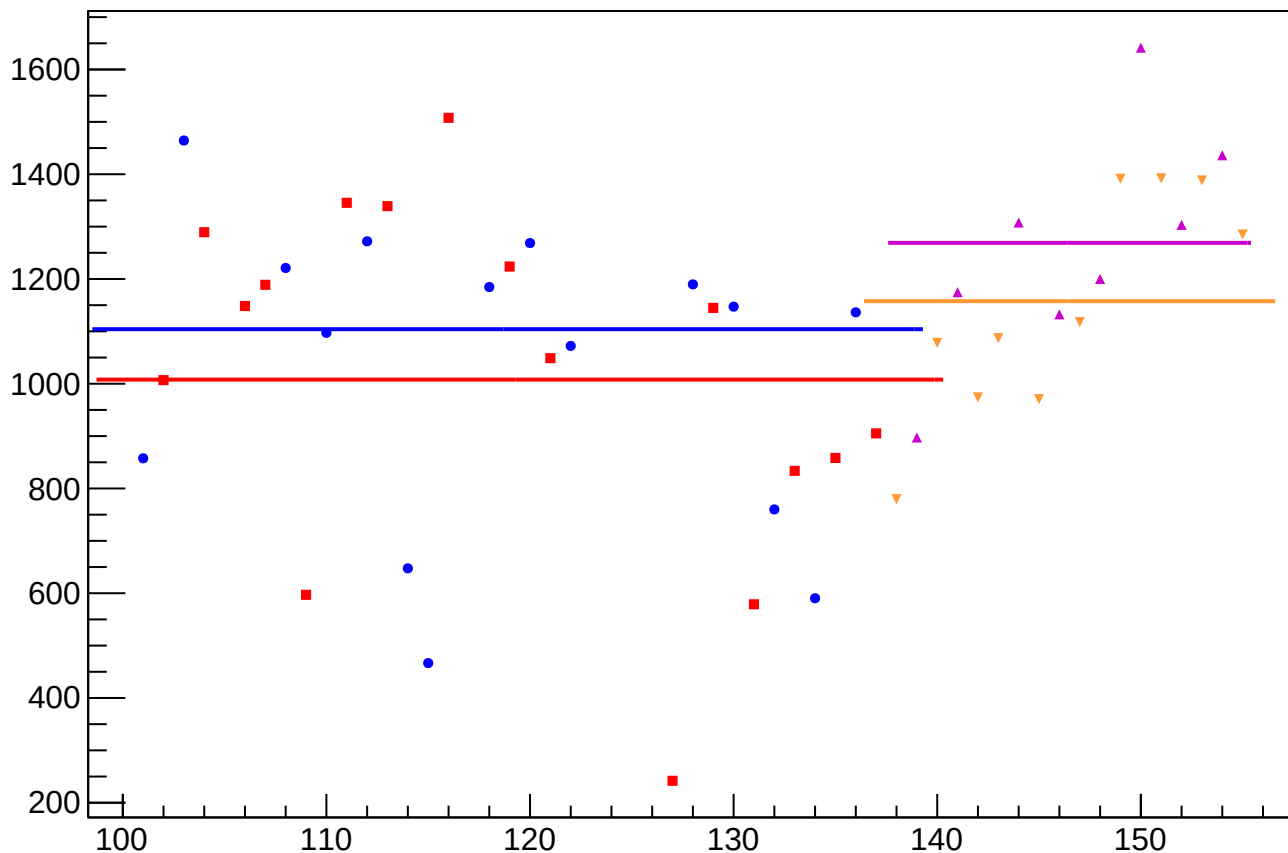
- sign 2456.283+/-0.000 χ^2/NDF : 15842713876525

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14
 Left Out: 77.479+/-0.000 χ^2/NDF : 109395985543817619243674913126481920.0/9
 Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15
 Left In: 84.862+/-0.000 χ^2/NDF : 61784885517499465151976429196410880.0/7

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1157.669+/-0.000 χ^2/NDF : 31163817564378796975786501086270980096.0/9

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

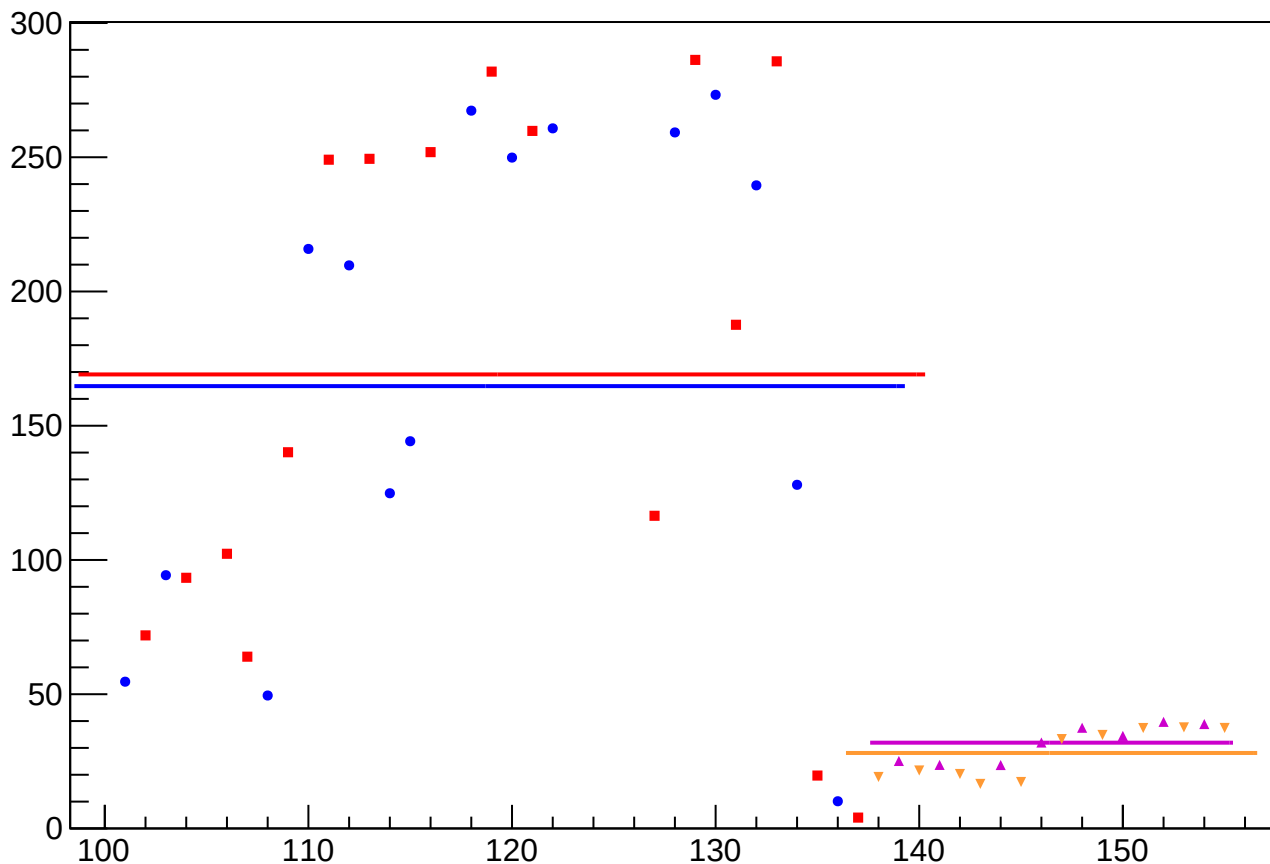
Left In: 1269.019+/-0.000 χ^2/NDF : 29248954105903421314584303143596589056.0/7

+ sign 1132.964+/-0.000 χ^2/NDF : 64904581481585

All: 1136.702+/-0.000 χ^2/NDF : 18637845742

- sign 1140.580+/-0.000 χ^2/NDF : 12143382454978

dit_4aX_coil7_mean vs Slug



Right In: 164.752 $\pm$ 0.000 χ^2 /NDF: 6369828943181833917425699916554960896.0/14

+ sign 91.141 $\pm$ 0.000 χ^2 /NDF: 1295555838713553

Left Out: 28.115 $\pm$ 0.000 χ^2 /NDF: 58100671560792230490407704891228160.0/9

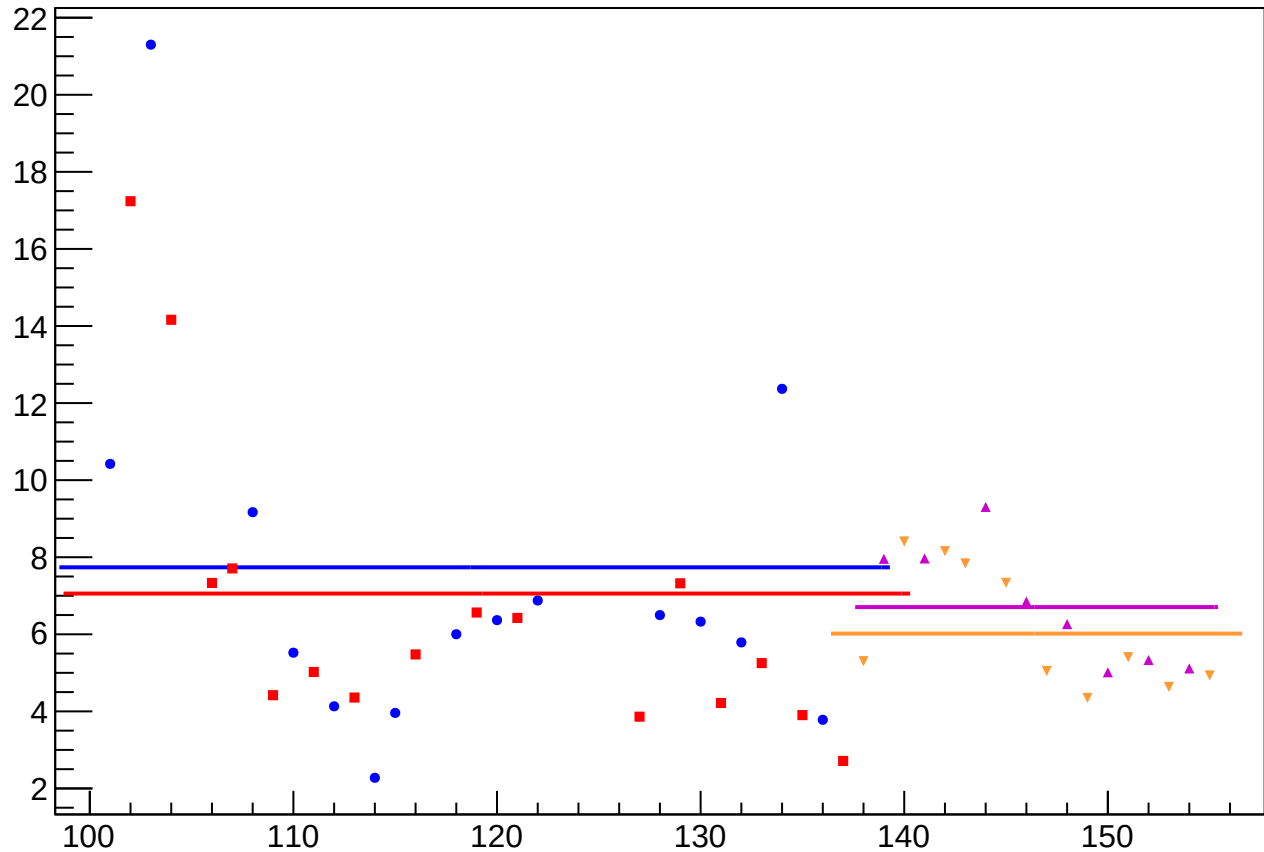
All: 95.202 $\pm$ 0.000 χ^2 /NDF: 2544775220101

Right Out: 169.108 $\pm$ 0.000 χ^2 /NDF: 6040721802042936822766910687819071488.0/15

- sign 99.416 $\pm$ 0.000 χ^2 /NDF: 1244491051163750

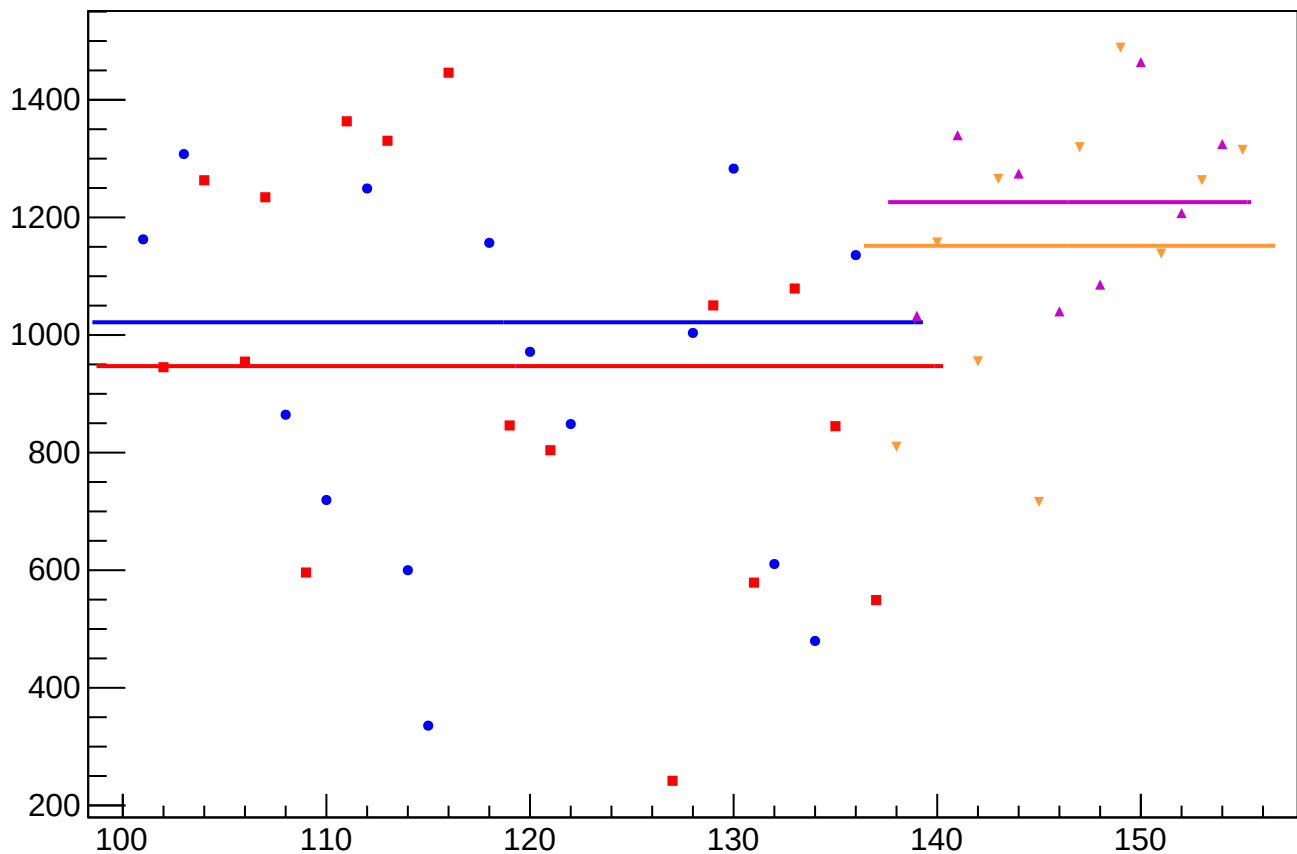
Left In: 31.949 $\pm$ 0.000 χ^2 /NDF: 28457458010663861642994188837453824.0/7

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738 ± 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14
 Left Out: 6.018 ± 0.000 χ^2/NDF : 1674409072122706092625427209125888.0/9
 Right Out: 7.057 ± 0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15
 Left In: 6.706 ± 0.000 χ^2/NDF : 1531526169768172343487153072766976.0/7
 All: 6.844 ± 0.000 χ^2/NDF : 30705565257322
 + sign 6.811 ± 0.000 χ^2/NDF : 17836742643740613
 - sign 6.879 ± 0.000 χ^2/NDF : 12865702475259069

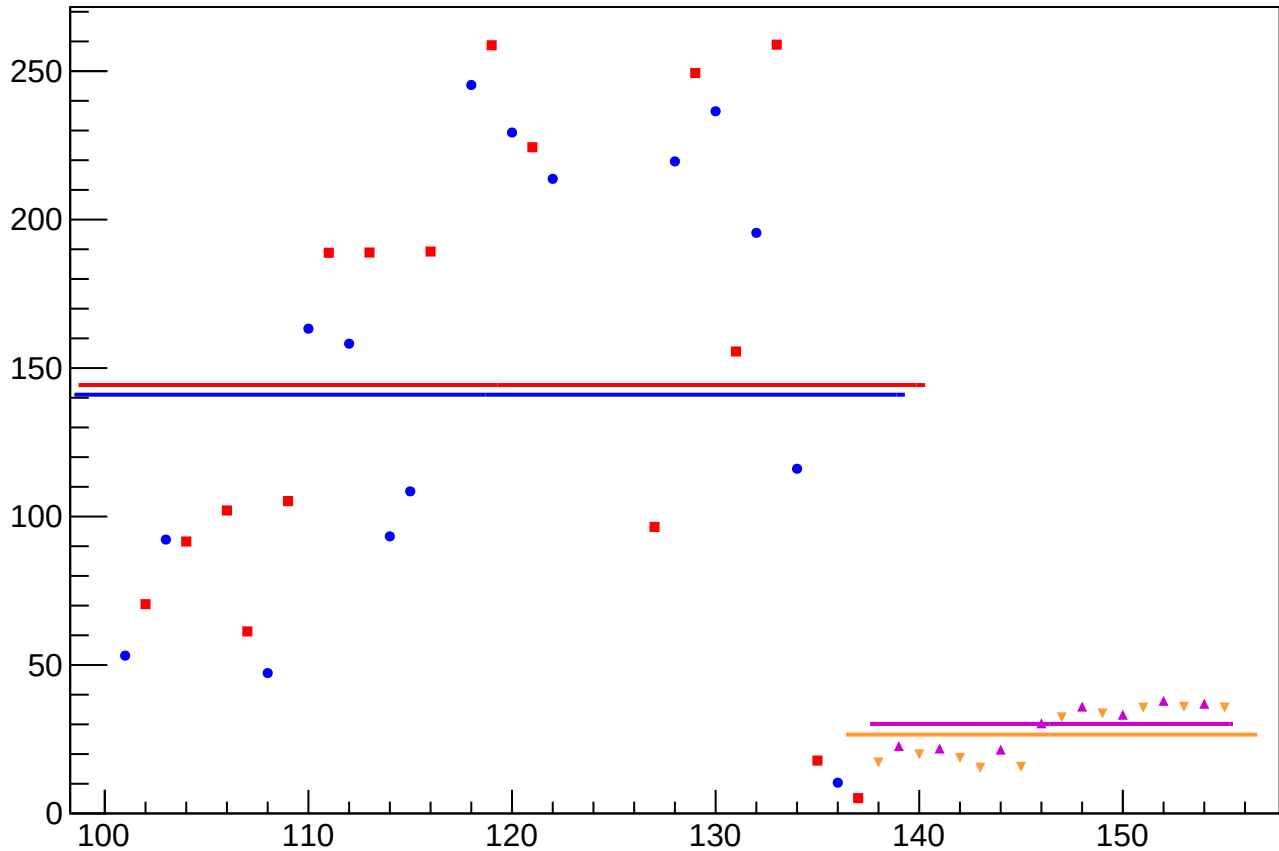
dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000	χ^2 /NDF: 40493101470870278397836276403592495104.0/14
Left Out: 1151.745 $\pm$ 0.000	χ^2 /NDF: 42067705374934767749155565762701688832.0/9
Right Out: 947.145 $\pm$ 0.000	χ^2 /NDF: 67784656011936521511169668028018196480.0/15
Left In: 1225.991 $\pm$ 0.000	χ^2 /NDF: 14916675602968721754329681431453761536.0/7

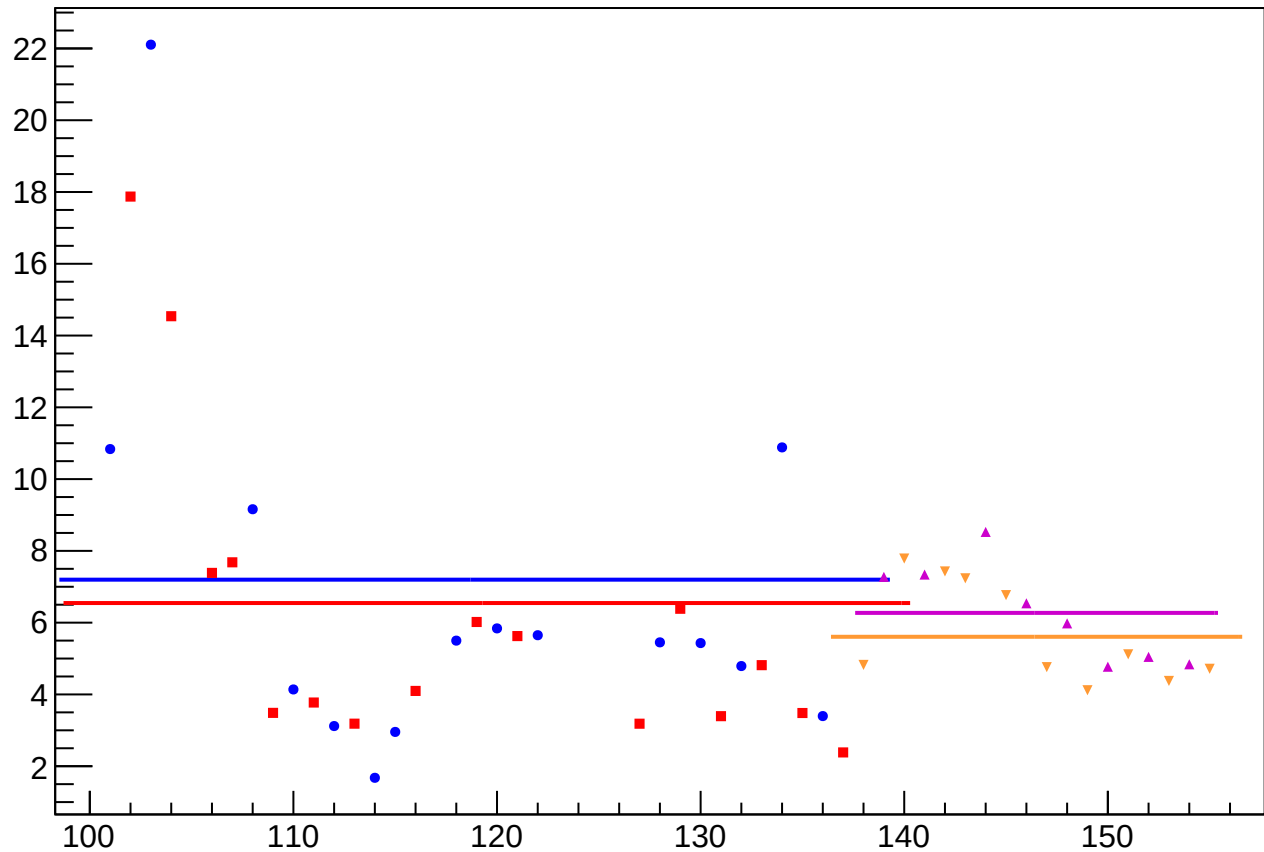
+ sign 1091.753 $\pm$ 0.000 χ^2 /NDF: 88475274667938
 All: 1090.318 $\pm$ 0.000 χ^2 /NDF: 19753451523
 - sign 1088.830 $\pm$ 0.000 χ^2 /NDF: 10905334376180

dit_4eX_coil7_mean vs Slug



Right In: 141.032 $\pm$ 0.000 χ^2 /NDF: 4507992585512923332587415612245934080.0/14
 Left Out: 26.562 $\pm$ 0.000 χ^2 /NDF: 58642782721085093866033639208255488.0/9
 Right Out: 144.283 $\pm$ 0.000 χ^2 /NDF: 4268333571517740886065361663928827904.0/15
 Left In: 30.151 $\pm$ 0.000 χ^2 /NDF: 30125916594444794116182927394996224.0/7

dit_4eX_coil7_err_mean vs Slug



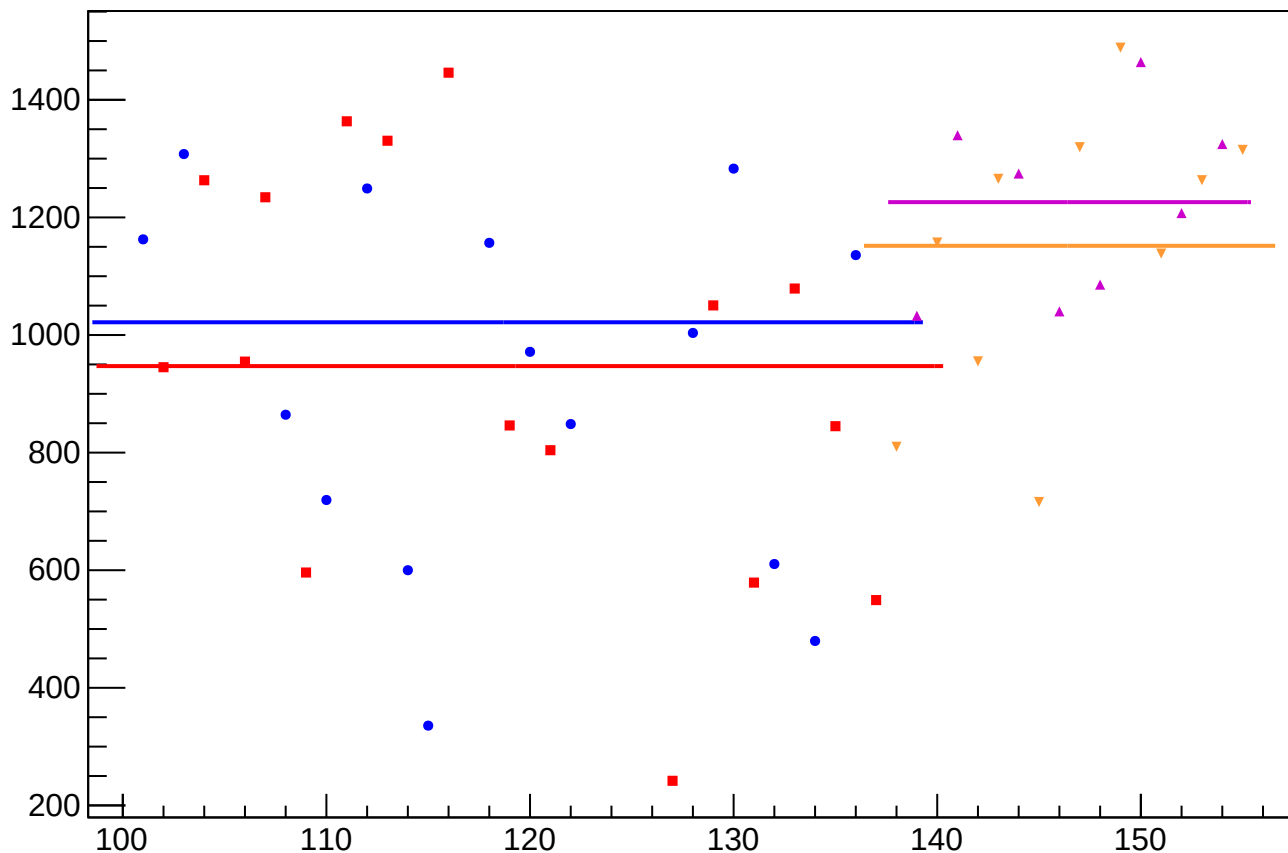
Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 5.606+/-0.000 χ^2/NDF : 1330228004525591519993689263833088.0/9

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

Left In: 6.272+/-0.000 χ^2/NDF : 1162838621434841357021622600466432.0/7

dit_4eX_coil7_Ndata_mean vs Slug



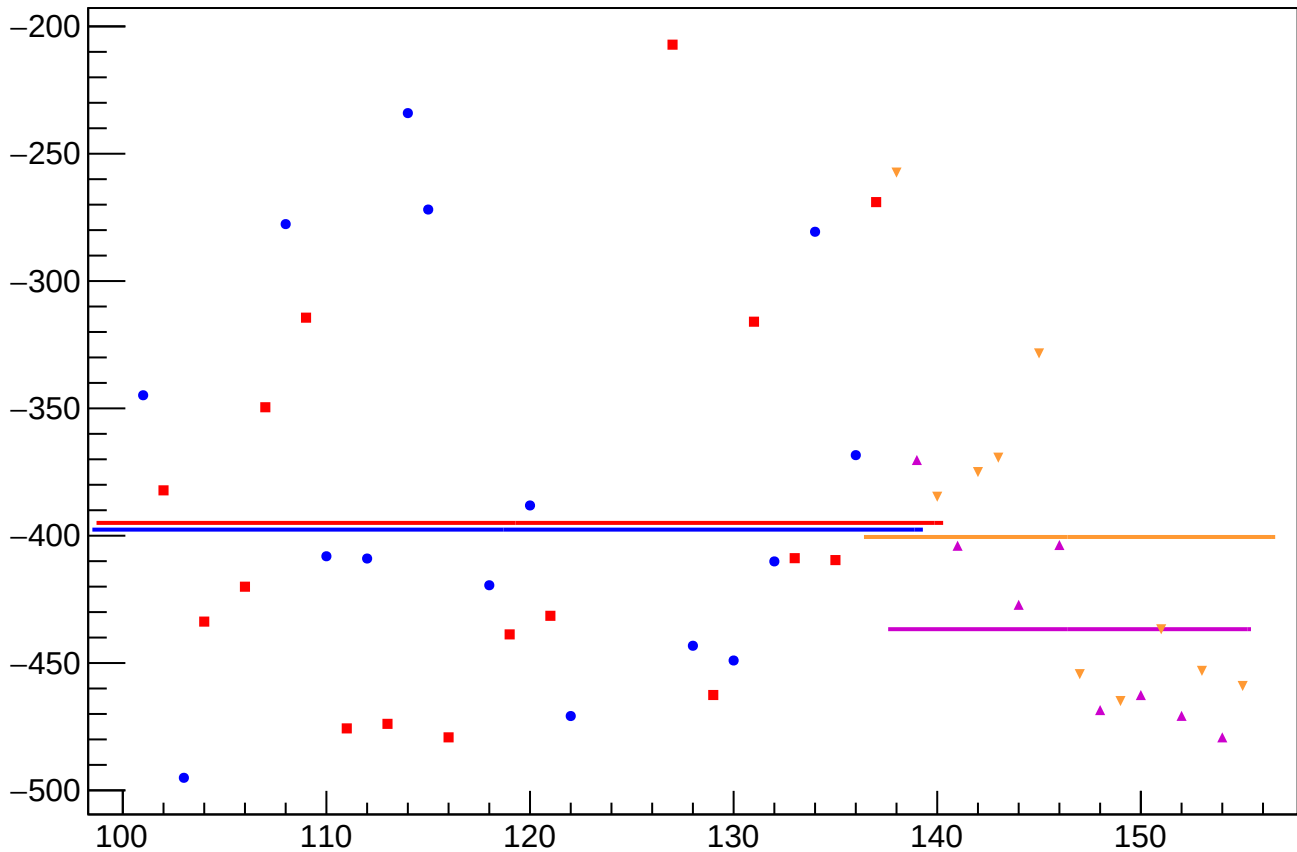
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1151.745 $\pm$ 0.000 χ^2 /NDF: 42067705374934767749155565762701688832.0/9

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

Left In: 1225.991 $\pm$ 0.000 χ^2 /NDF: 14916675602968721754329681431453761536.0/7

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

+ sign -399.169+/-0.000 χ^2/NDF : 59826263320837

Left Out: -400.501+/-0.000 χ^2/NDF : 3318429625075122043828869095304986624.0/9

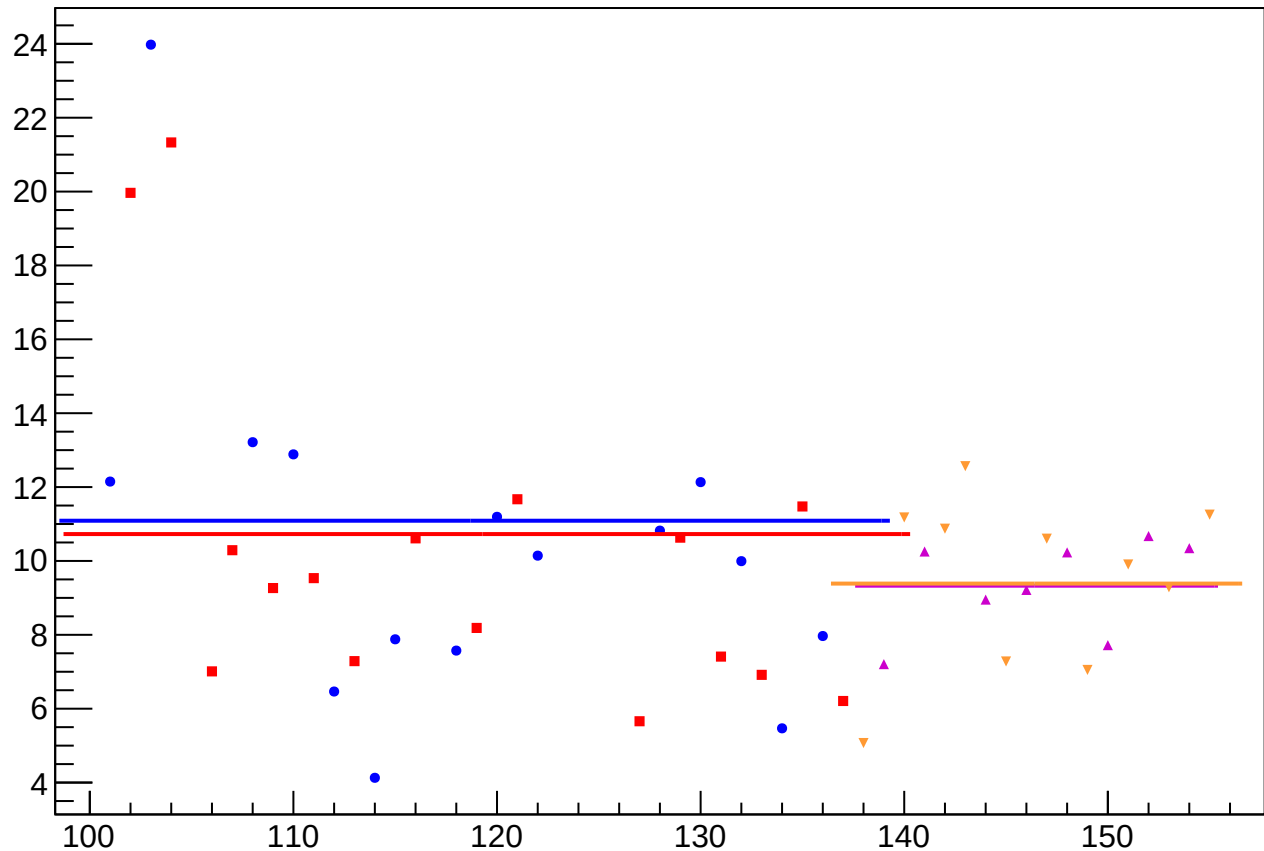
All: -407.517+/-0.000 χ^2/NDF : 11413020815

Right Out: -394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

- sign -416.179+/-0.000 χ^2/NDF : 523059455023440

Left In: -436.708+/-0.000 χ^2/NDF : 954665155535232919635978966653730816.0/7

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

+ sign 10.172 $\pm$ 0.000 χ^2/NDF : 1897870649023998

Left Out: 9.387 $\pm$ 0.000 χ^2/NDF : 3729945304705223963488180655620096.0/9

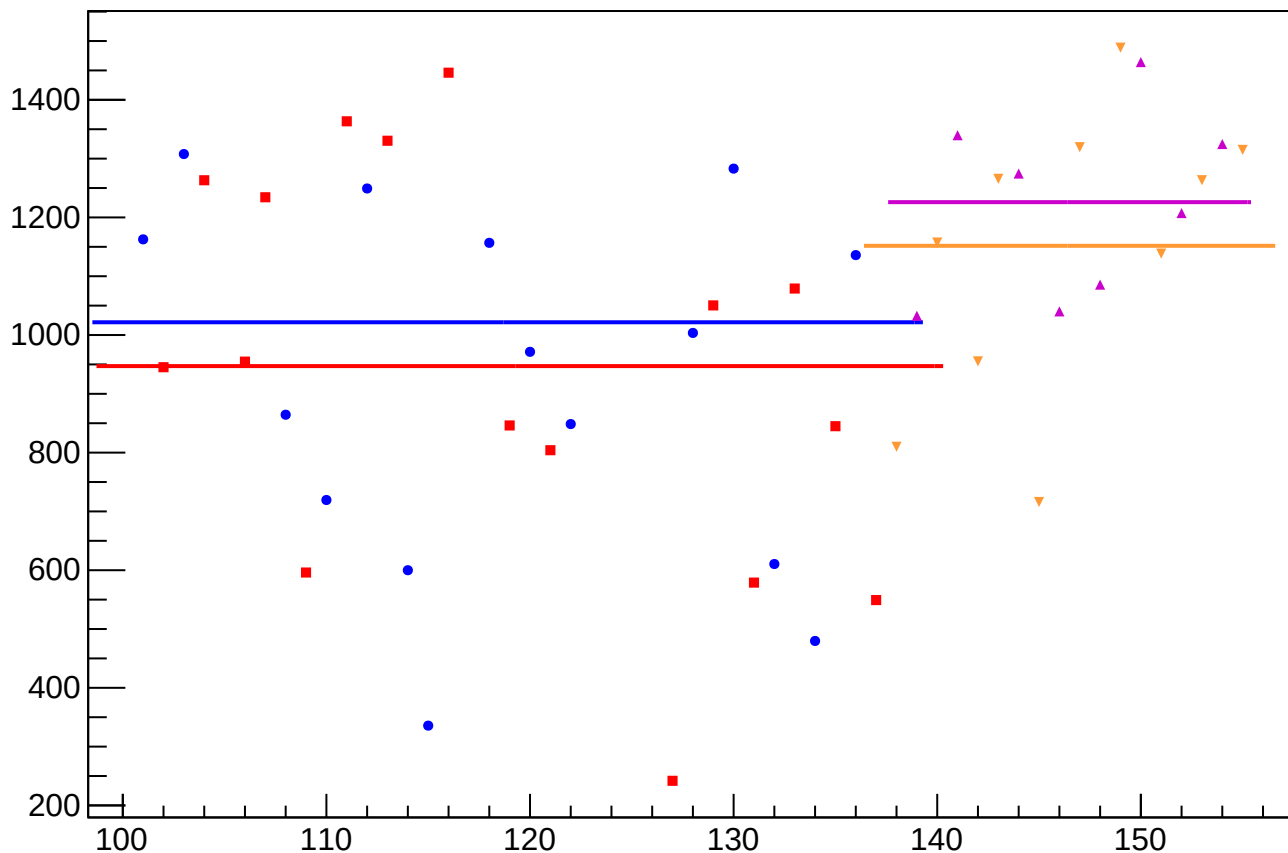
All: 10.096 $\pm$ 0.000 χ^2/NDF : 3542887244303

Right Out: 10.728 $\pm$ 0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15

- sign 10.018 $\pm$ 0.000 χ^2/NDF : 1643374091782052

Left In: 9.330 $\pm$ 0.000 χ^2/NDF : 1004933105590320937491185390321664.0/7

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1151.745 $\pm$ 0.000 χ^2 /NDF: 42067705374934767749155565762701688832.0/9

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

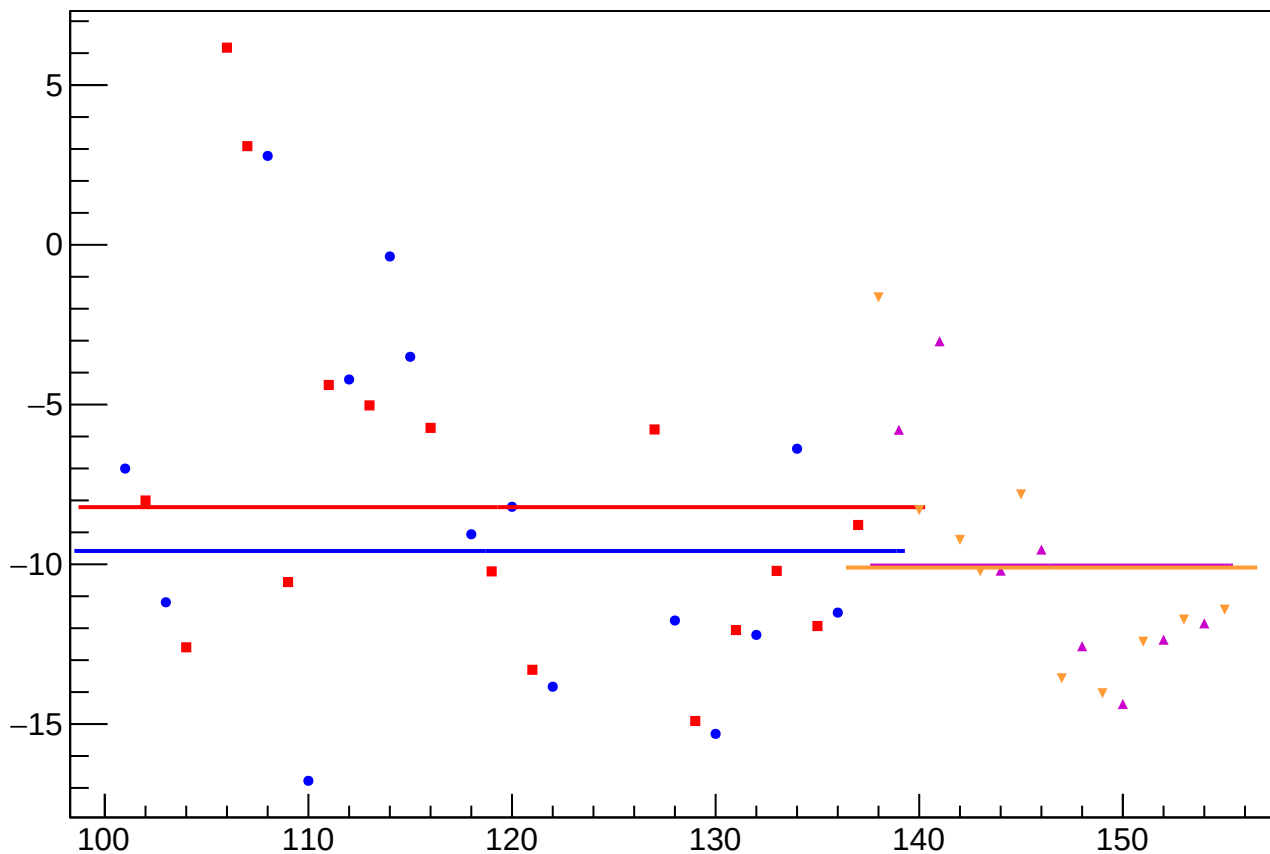
Left In: 1225.991 $\pm$ 0.000 χ^2 /NDF: 14916675602968721754329681431453761536.0/7

+ sign 1091.753 $\pm$ 0.000 χ^2 /NDF: 88475274667938

All: 1090.318 $\pm$ 0.000 χ^2 /NDF: 19753451523

- sign 1088.830 $\pm$ 0.000 χ^2 /NDF: 10905334376180

dit_4aY_coil7_mean vs Slug



Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$

Left Out: -10.101 ± 0.000 $\chi^2/\text{NDF}: 9319215261313216746777104179265536.0/9$

Right Out: -8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$

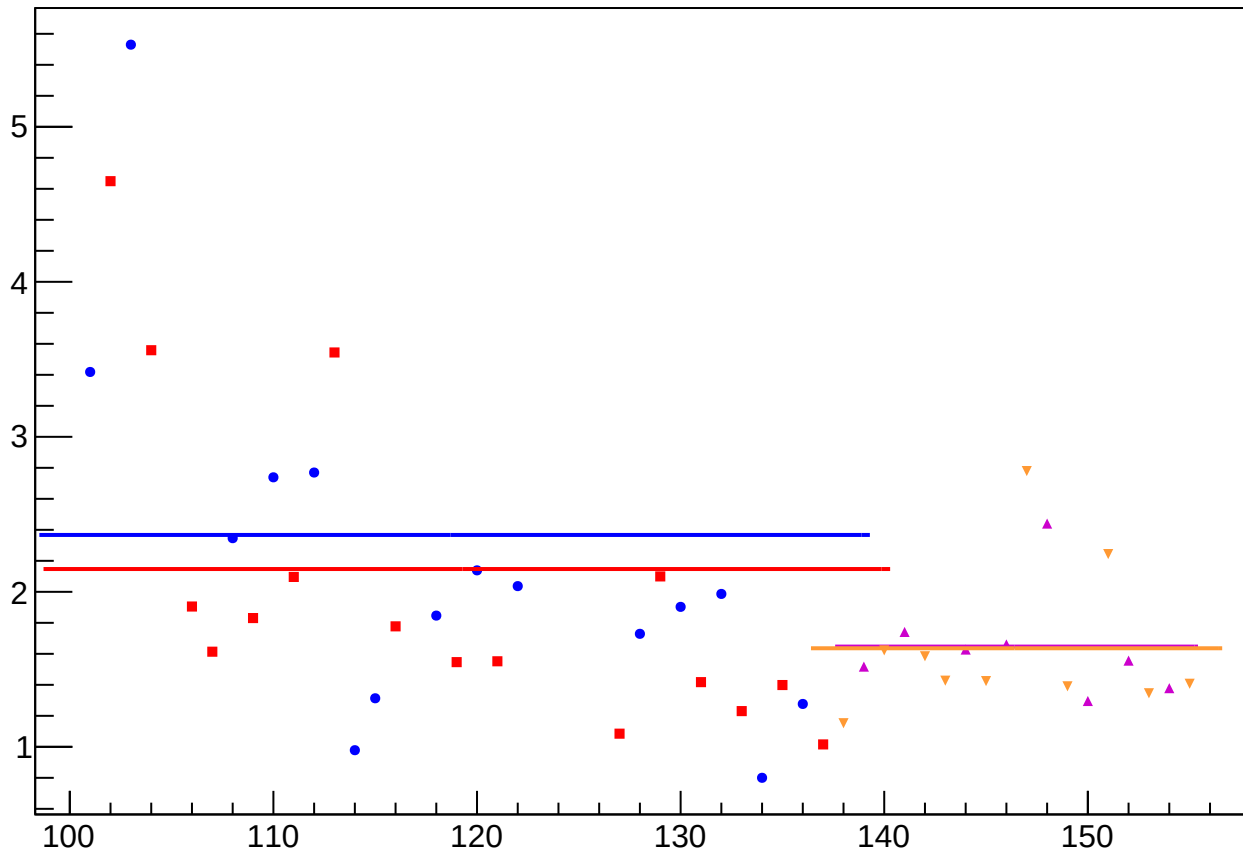
Left In: -10.040 ± 0.000 $\chi^2/\text{NDF}: 8679815671463545781512299272470528.0/7$

+ sign -9.862 ± 0.000 $\chi^2/\text{NDF}: 2411593651511677$

All: -9.508 ± 0.000 $\chi^2/\text{NDF}: 5259265634893$

- sign -9.140 ± 0.000 $\chi^2/\text{NDF}: 2811774478846923$

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.636 $\pm$ 0.000 χ^2 /NDF: 171729984104808690447436209979392.0/9

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

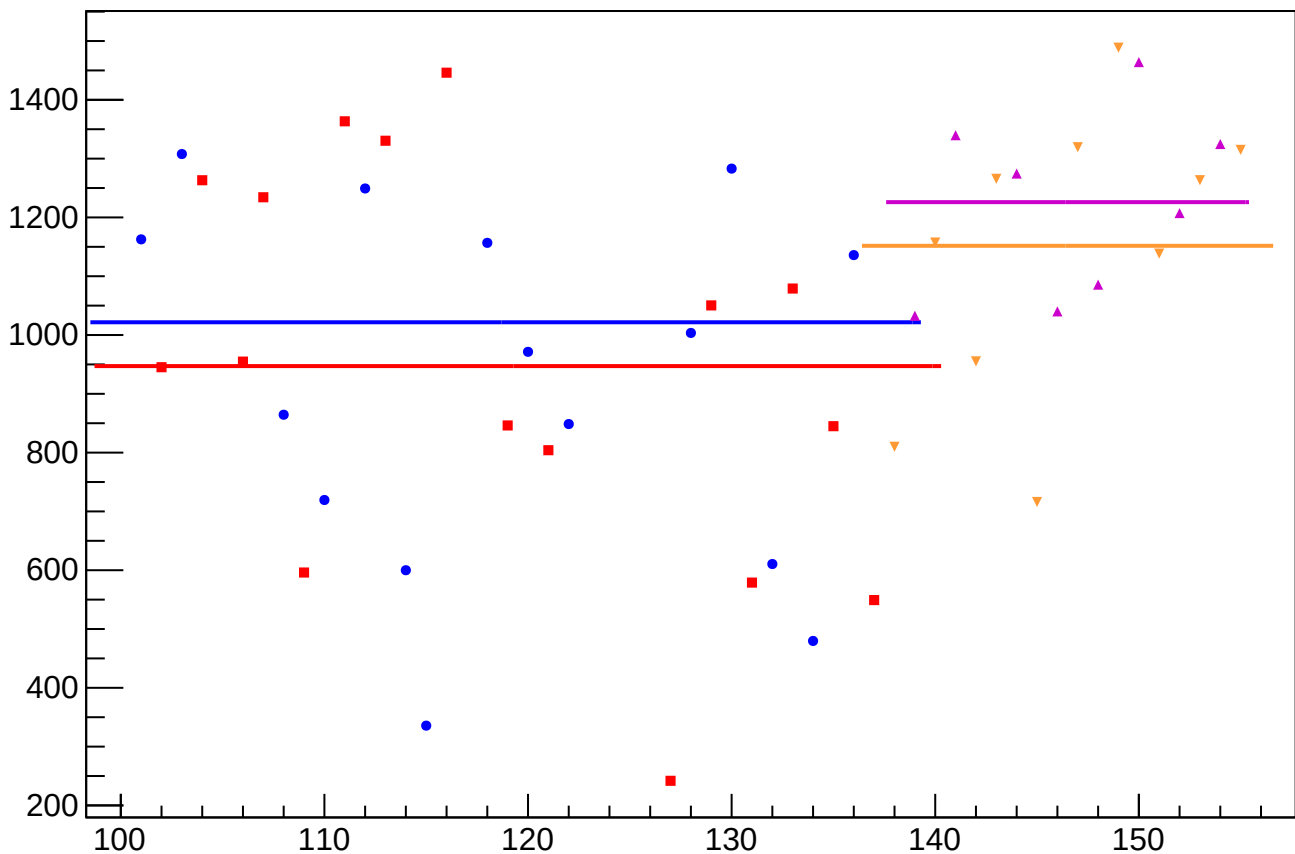
Left In: 1.647 $\pm$ 0.000 χ^2 /NDF: 73390138968444672267288137695232.0/7

+ sign 1.973 $\pm$ 0.000 χ^2 /NDF: 12792595025354323

All: 1.934 $\pm$ 0.000 χ^2 /NDF: 22061319172396

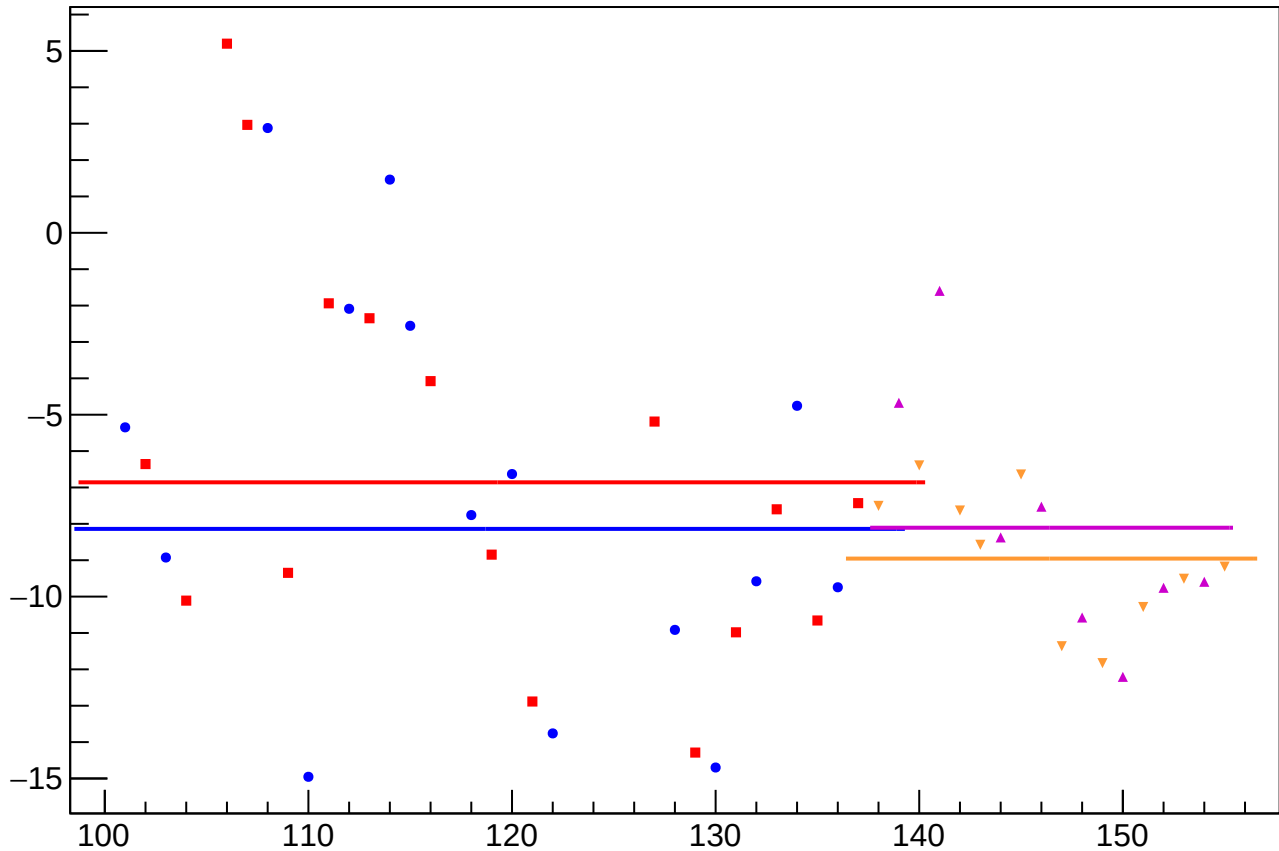
- sign 1.893 $\pm$ 0.000 χ^2 /NDF: 92242561411875651

dit_4aY_coil7_Ndata_mean vs Slug



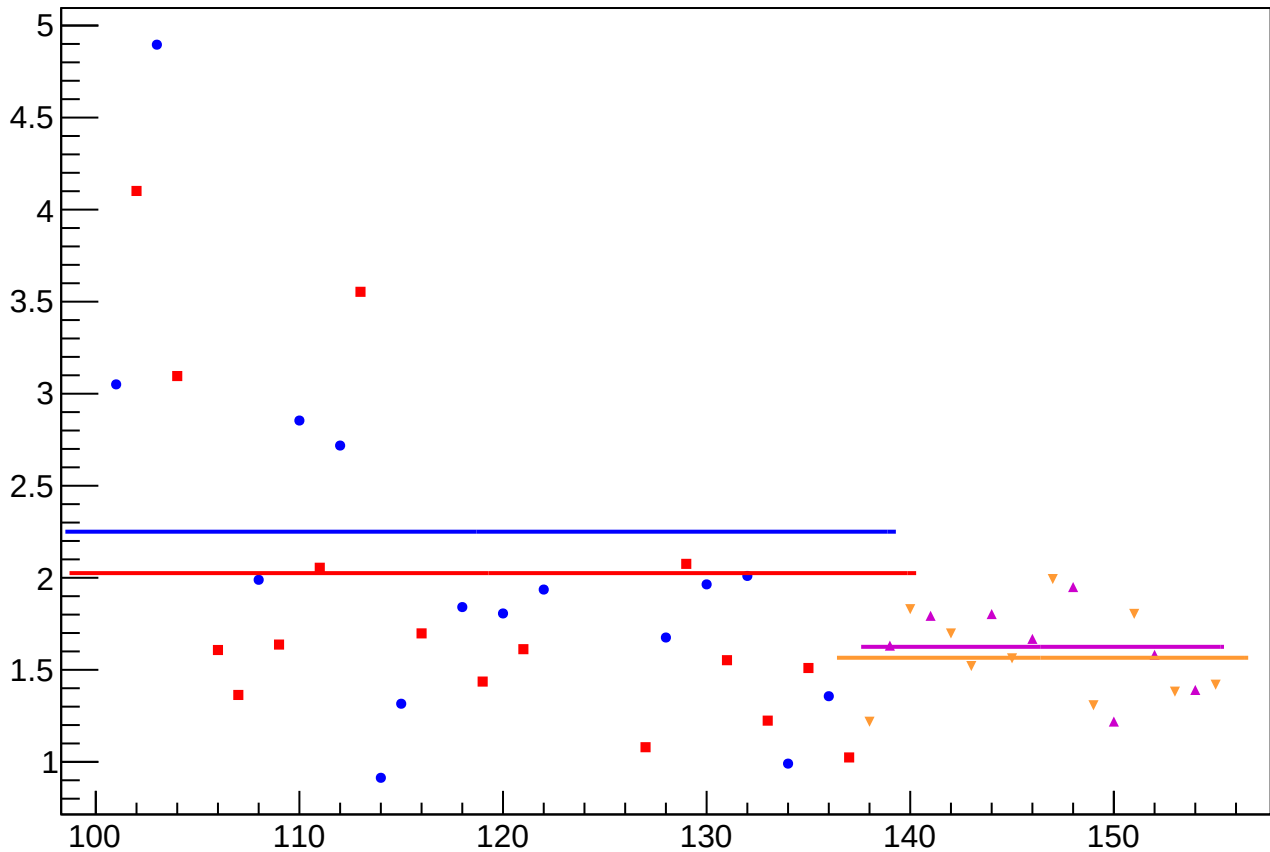
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 947.145+/-0.000 χ^2/NDF : 677749155565762701688832.0/9
 Right Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9
 Left In: 1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7

dit_4eY_coil7_mean vs Slug



$+ \text{sign } -8.579 \pm 0.000$ $\chi^2/\text{NDF}: 1744734739880778$
 $\text{All: } -8.046 \pm 0.000$ $\chi^2/\text{NDF}: 4234097422417$
 $- \text{sign } -7.493 \pm 0.000$ $\chi^2/\text{NDF}: 24079687389332941$

dit_4eY_coil7_err_mean vs Slug



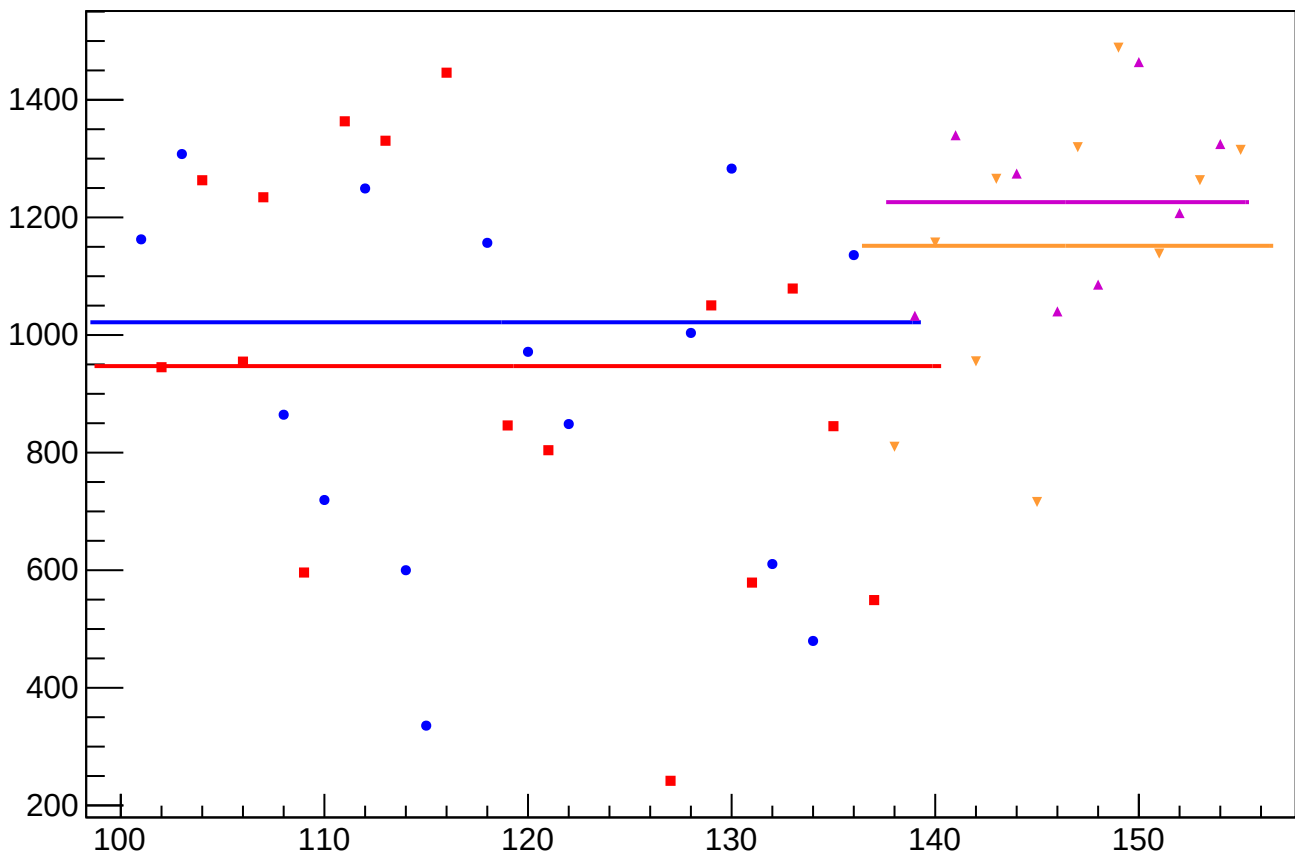
Right In: 2.250+/-0.000	χ^2/NDF : 656774588136274816295442701090816.0/14
Left Out: 1.566+/-0.000	χ^2/NDF : 44886455991637684195955021185024.0/9
Right Out: 2.025+/-0.000	χ^2/NDF : 578717441762956454616505599918080.0/15
Left In: 1.625+/-0.000	χ^2/NDF : 34294576263080206439745371242496.0/7

+ sign 1.881+/-0.000 χ^2/NDF : 86563163520924646

All: 1.852+/-0.000 χ^2/NDF : 15354214371836

- sign 1.822+/-0.000 χ^2/NDF : 66734148288919166

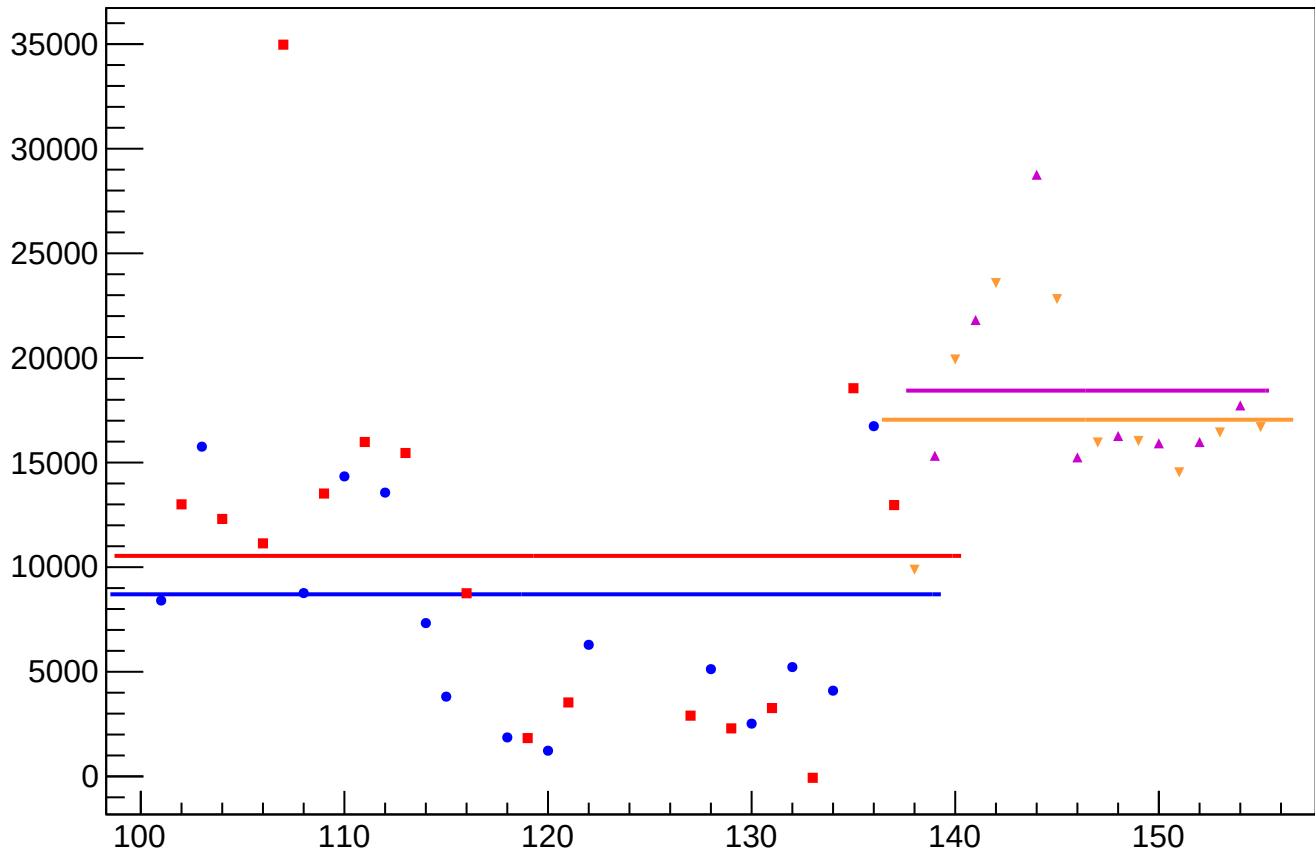
dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000	χ^2 /NDF: 40493101470870278397836276403592495104.0/14
Left Out: 1151.745 $\pm$ 0.000	χ^2 /NDF: 42067705374934767749155565762701688832.0/9
Right Out: 947.145 $\pm$ 0.000	χ^2 /NDF: 67784656011936521511169668028018196480.0/15
Left In: 1225.991 $\pm$ 0.000	χ^2 /NDF: 14916675602968721754329681431453761536.0/7

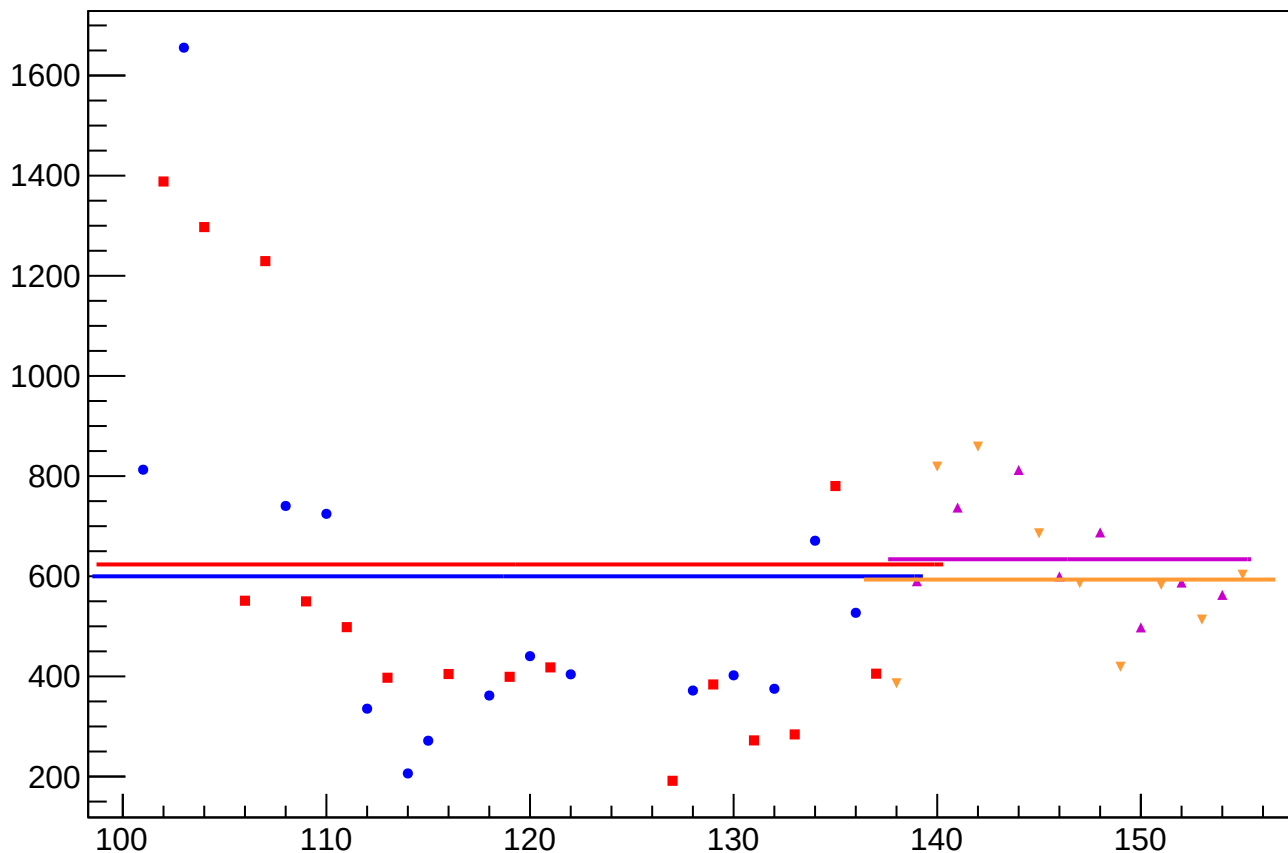
+ sign 1091.753 $\pm$ 0.000 χ^2 /NDF: 88475274667938
 All: 1090.318 $\pm$ 0.000 χ^2 /NDF: 19753451523
 - sign 1088.830 $\pm$ 0.000 χ^2 /NDF: 10905334376180

dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000 χ^2/NDF : 19501133067308426859536304500819191922688.0/14
 Left Out: 17047.082+/-0.000 χ^2/NDF : 10050816774386370855489240418614314532864.0/8
 Right Out: 10539.327+/-0.000 χ^2/NDF : 46226684227836109273394062569753758662656.0/15
 Left In: 18438.666+/-0.000 χ^2/NDF : 13617576422490532664571621963989763751936.0/7

dit_usl_coil7_err_mean vs Slug



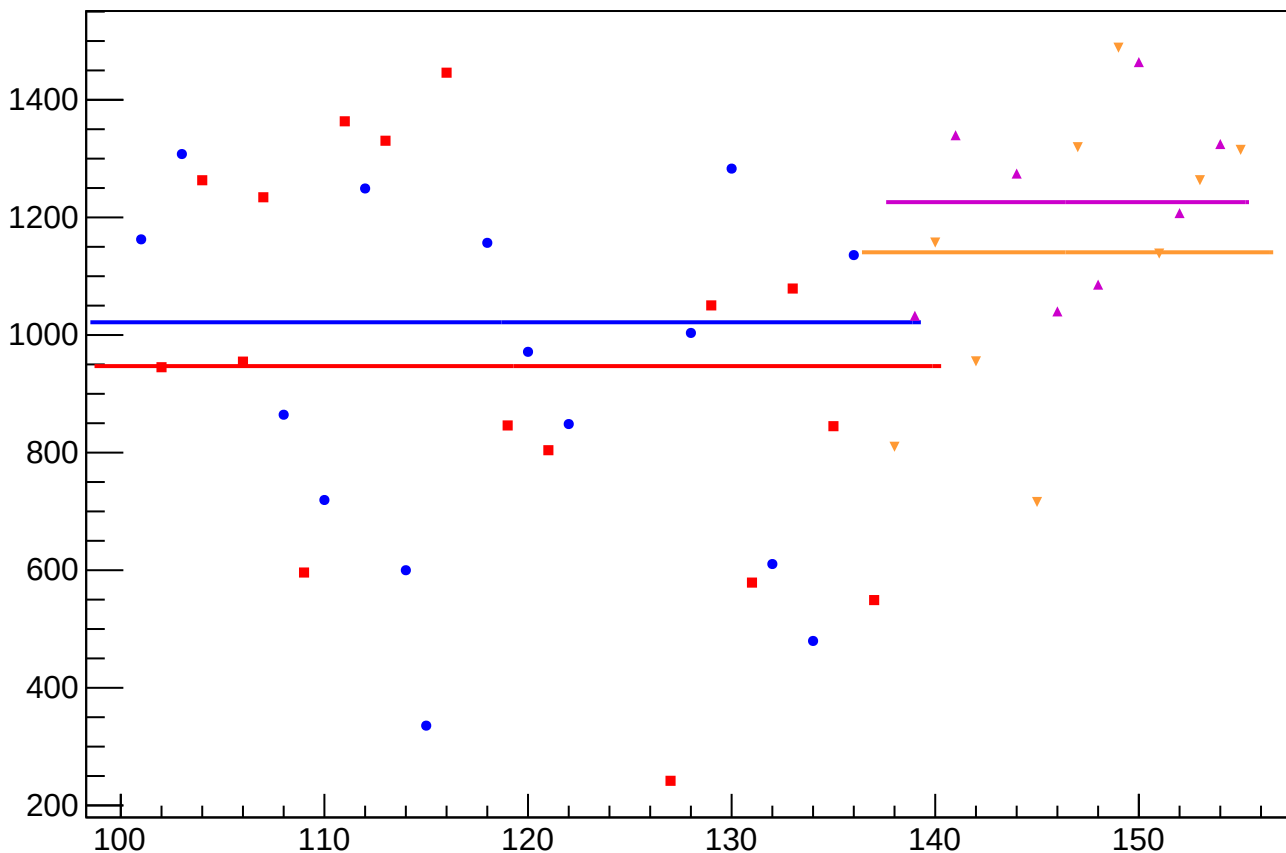
Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 593.385+/-0.000 χ^2/NDF : 14563443800561983692842857336263409664.0/8

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

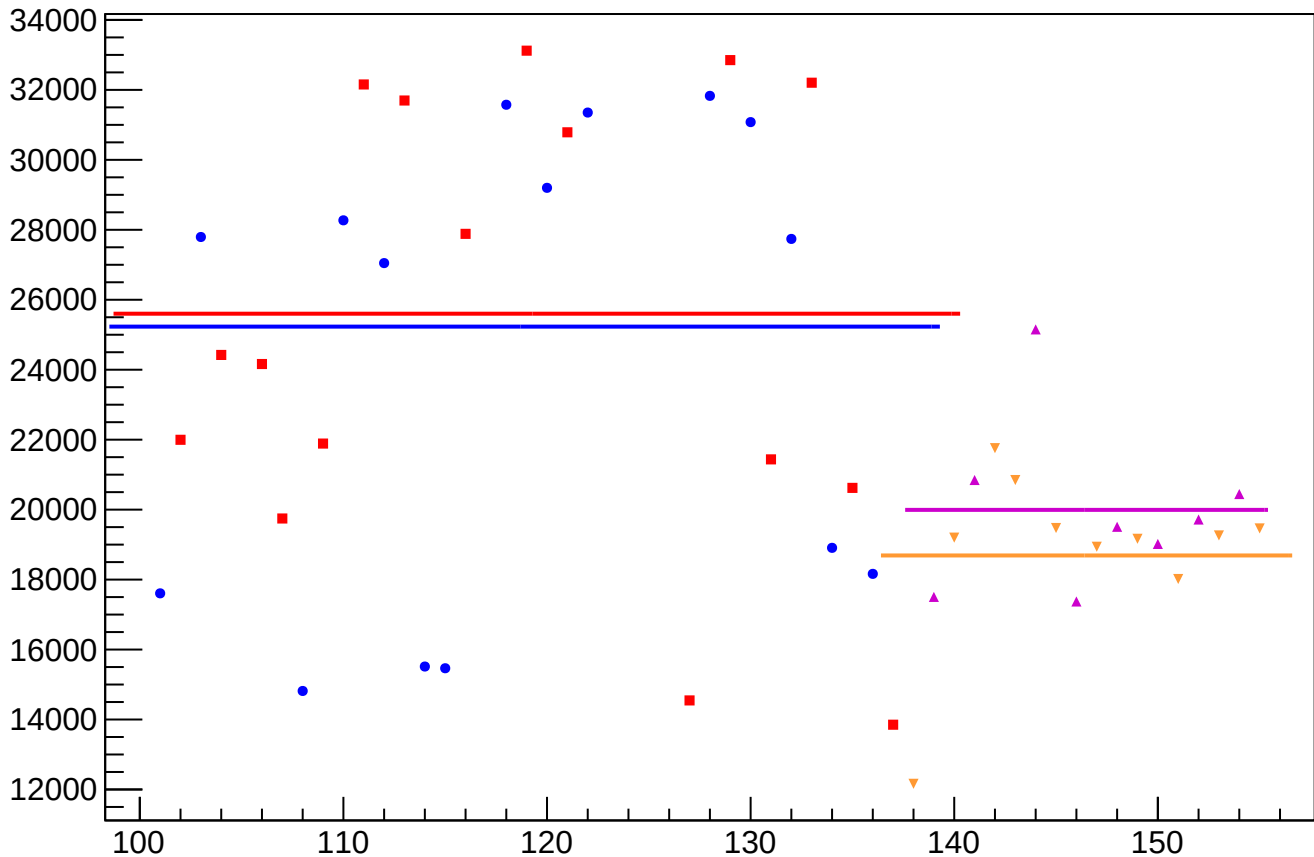
Left In: 633.936+/-0.000 χ^2/NDF : 655370665748030480665845046853500928.0/7

dit_usl_coil7_Ndata_mean vs Slug



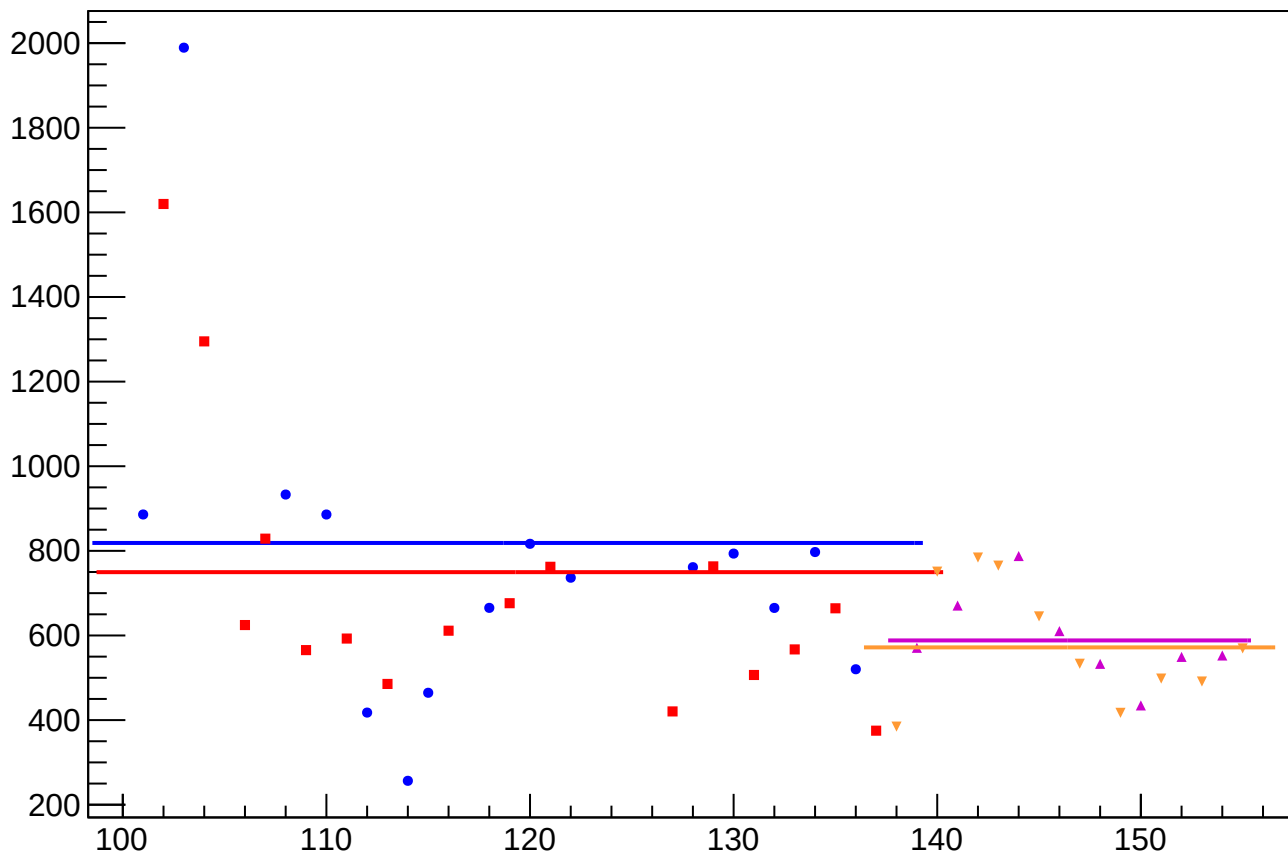
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1140.699 $\pm$ 0.000 χ^2 /NDF: 41113781681505982054806709137439719424.0/8
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1225.991 $\pm$ 0.000 χ^2 /NDF: 14916675602968721754329681431453761536.0/7

dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000 χ^2/NDF : 24534581974772031016304633863538632294400.0/14
 Left Out: 18689.982+/-0.000 χ^2/NDF : 4273952135669104860377486053662854742016.0/9
 Right Out: 25601.388+/-0.000 χ^2/NDF : 24359757587964510827650819847270483099648.0/15
 Left In: 19993.188+/-0.000 χ^2/NDF : 3632573034403085212765460815228480520192.0/7

dit_usr_coil7_err_mean vs Slug



Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14

Left Out: 571.836 $\pm$ 0.000 χ^2 /NDF: 13471705404993606166870357945171836928.0/9

Right Out: 749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15

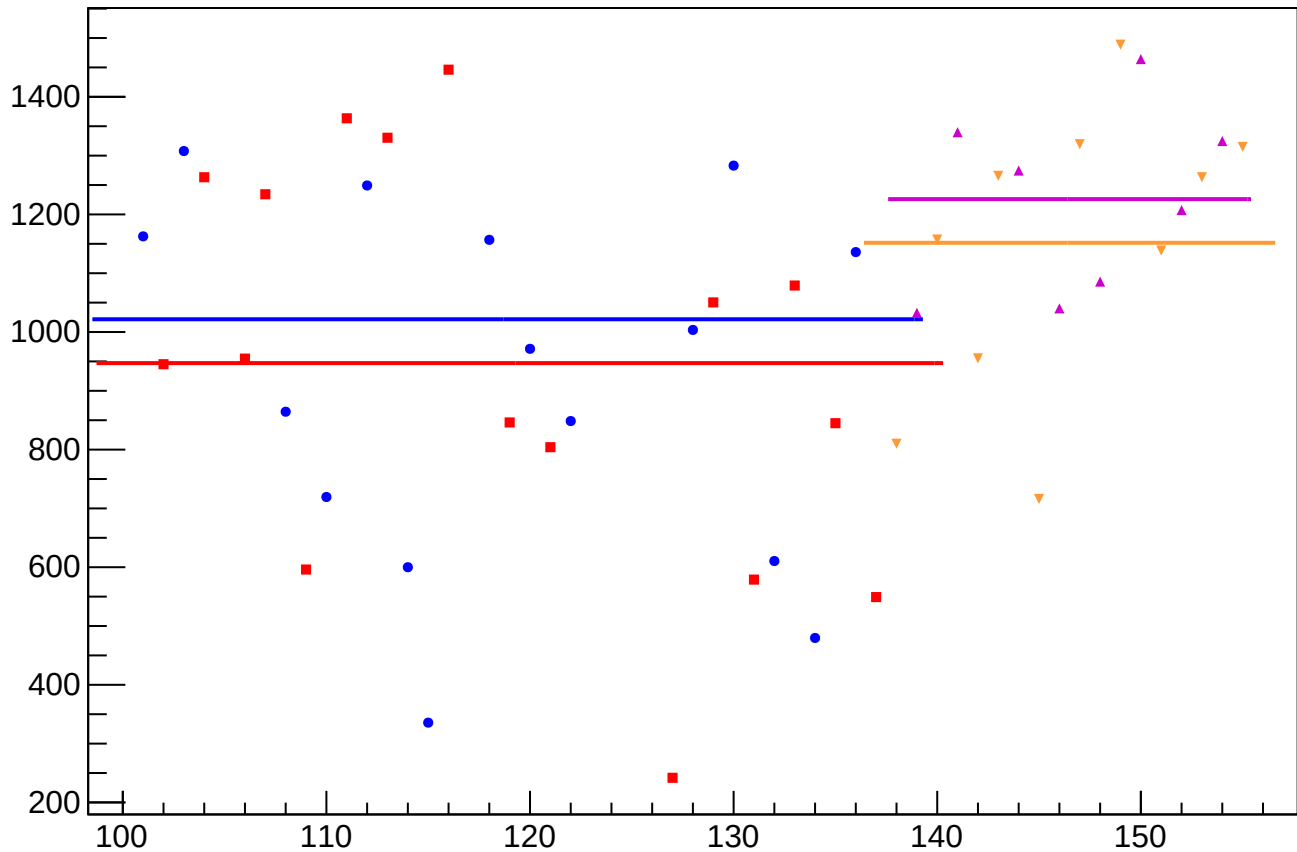
Left In: 588.292 $\pm$ 0.000 χ^2 /NDF: 6831871837212381391966761393030430720.0/7

+ sign 685.691 $\pm$ 0.000 χ^2 /NDF: 140380293956308

All: 676.846 $\pm$ 0.000 χ^2 /NDF: 234234436852

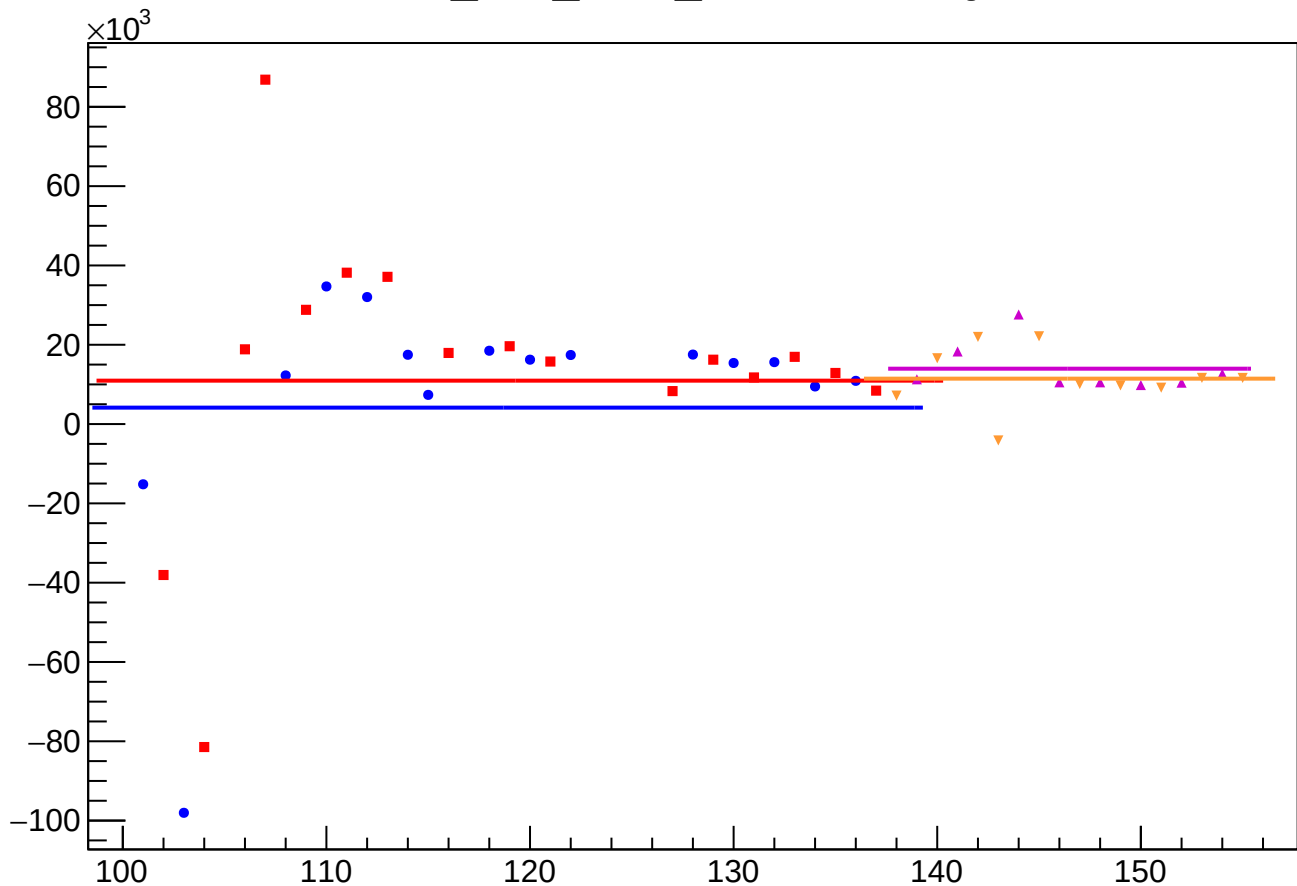
- sign 667.668 $\pm$ 0.000 χ^2 /NDF: 936298342650988

dit_usr_coil7_Ndata_mean vs Slug



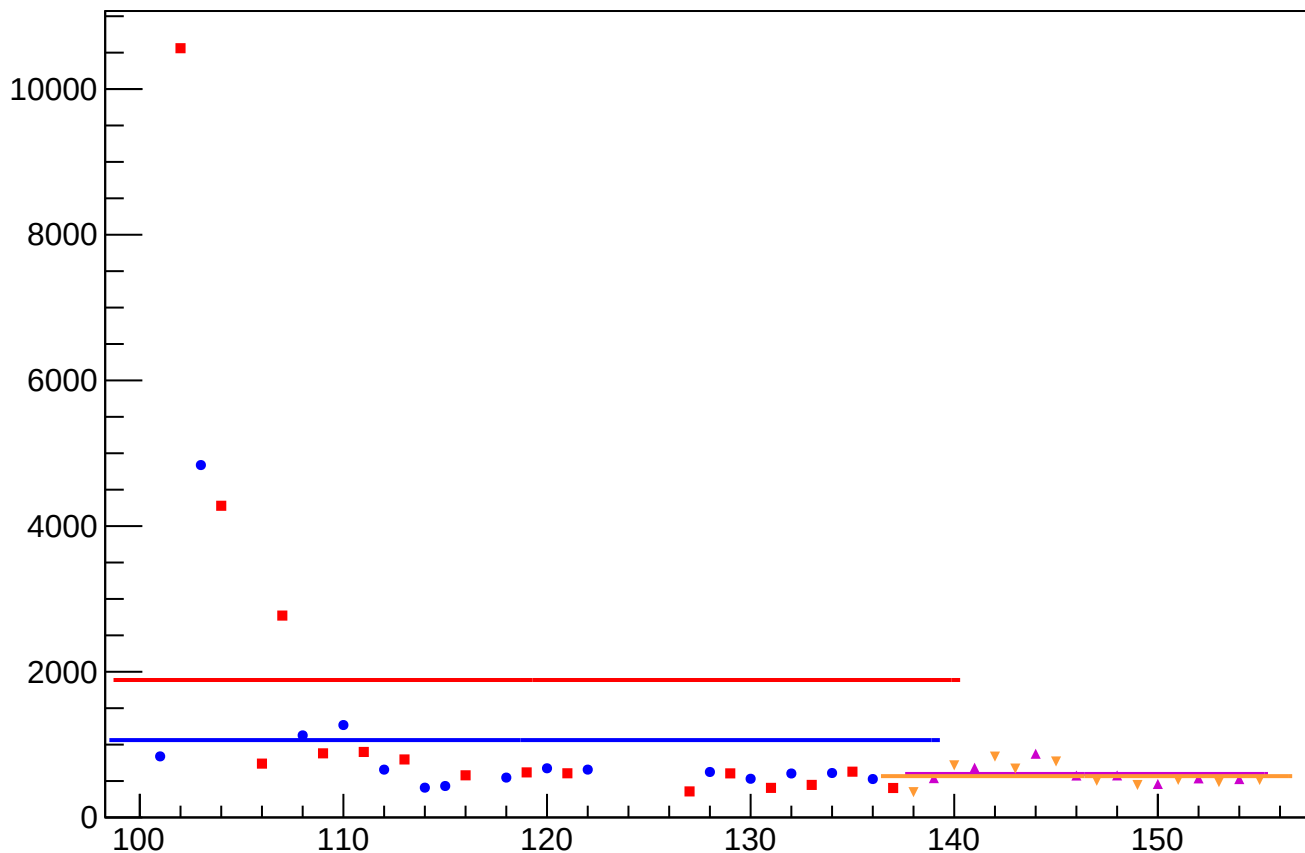
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14
 Left Out: 1151.745 $\pm$ 0.000 χ^2 /NDF: 42067705374934767749155565762701688832.0/9
 Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15
 Left In: 1225.991 $\pm$ 0.000 χ^2 /NDF: 14916675602968721754329681431453761536.0/7

dit_atl1_coil7_mean vs Slug



Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 11453.262 ± 0.000 χ^2/NDF : 34990851692598223816532233903894633119744.0/9
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 13964.782 ± 0.000 χ^2/NDF : 2355735300228359582311693875939544924160.0/7

dit_atl1_coil7_err_mean vs Slug



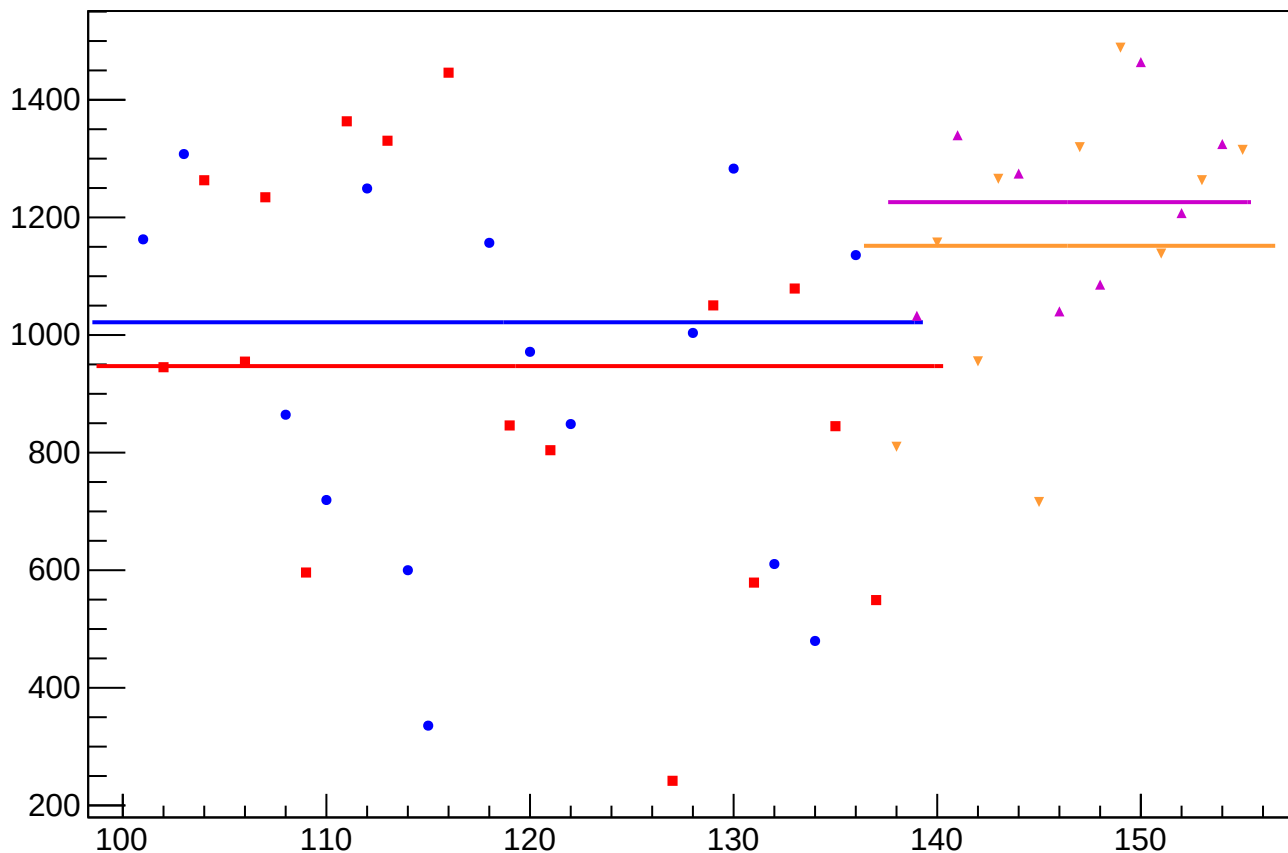
Right In: 1062.141 $\pm$ 0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 567.319 $\pm$ 0.000 χ^2/NDF : 15456146903250209229244619907187867648.0/9

Right Out: 1887.077 $\pm$ 0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15

Left In: 597.079 $\pm$ 0.000 χ^2/NDF : 10298448800925738934741608462922285056.0/7

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1151.745 $\pm$ 0.000 χ^2 /NDF: 42067705374934767749155565762701688832.0/9

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

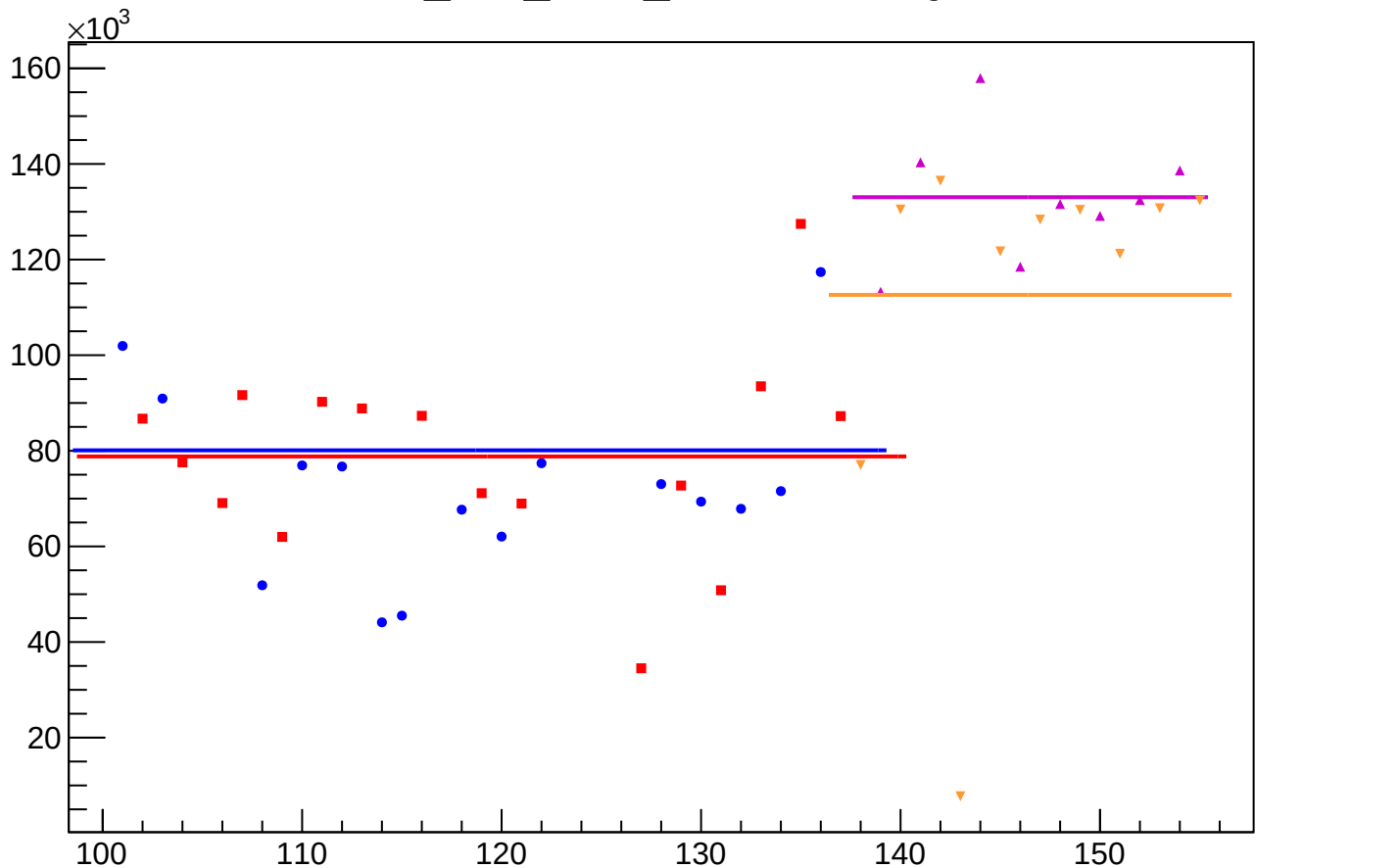
Left In: 1225.991 $\pm$ 0.000 χ^2 /NDF: 14916675602968721754329681431453761536.0/7

+ sign 1091.753 $\pm$ 0.000 χ^2 /NDF: 88475274667938

All: 1090.318 $\pm$ 0.000 χ^2 /NDF: 19753451523

- sign 1088.830 $\pm$ 0.000 χ^2 /NDF: 10905334376180

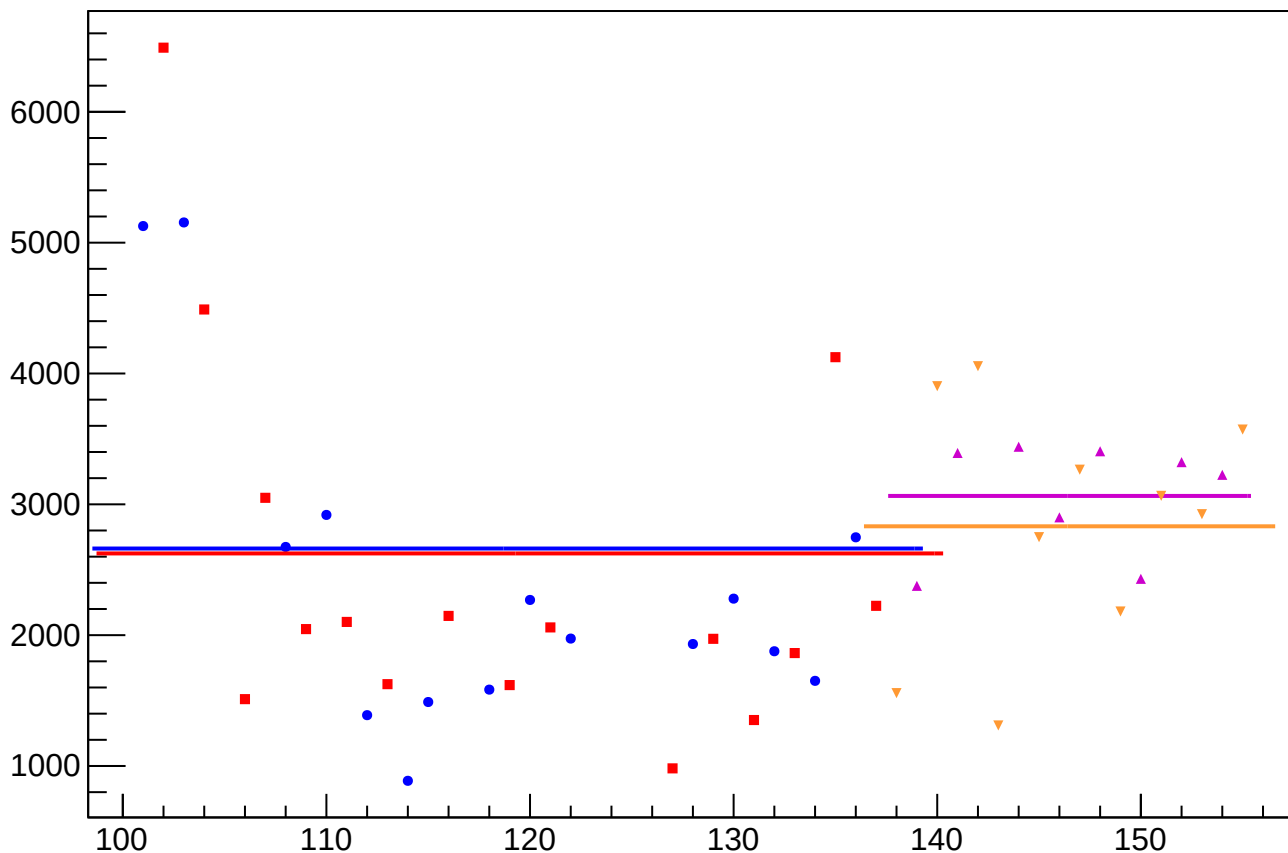
dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000	χ^2/NDF : 254521784097258654723607522631742465769472.0/14
Left Out: 112618.661+/-0.000	χ^2/NDF : 1005645509275041811860974762075762521538560.0/9
Right Out: 78815.832+/-0.000	χ^2/NDF : 286076919217811099434470442231998185472000.0/15
Left In: 133043.452+/-0.000	χ^2/NDF : 113449286631843654476480300958851790798848.0/7

+ sign 97620.092+/-0.000 χ^2/NDF : 1629840702320
 All: 101914.068+/-0.000 χ^2/NDF : 307884056
 - sign 106369.542+/-0.000 χ^2/NDF : 139613898410

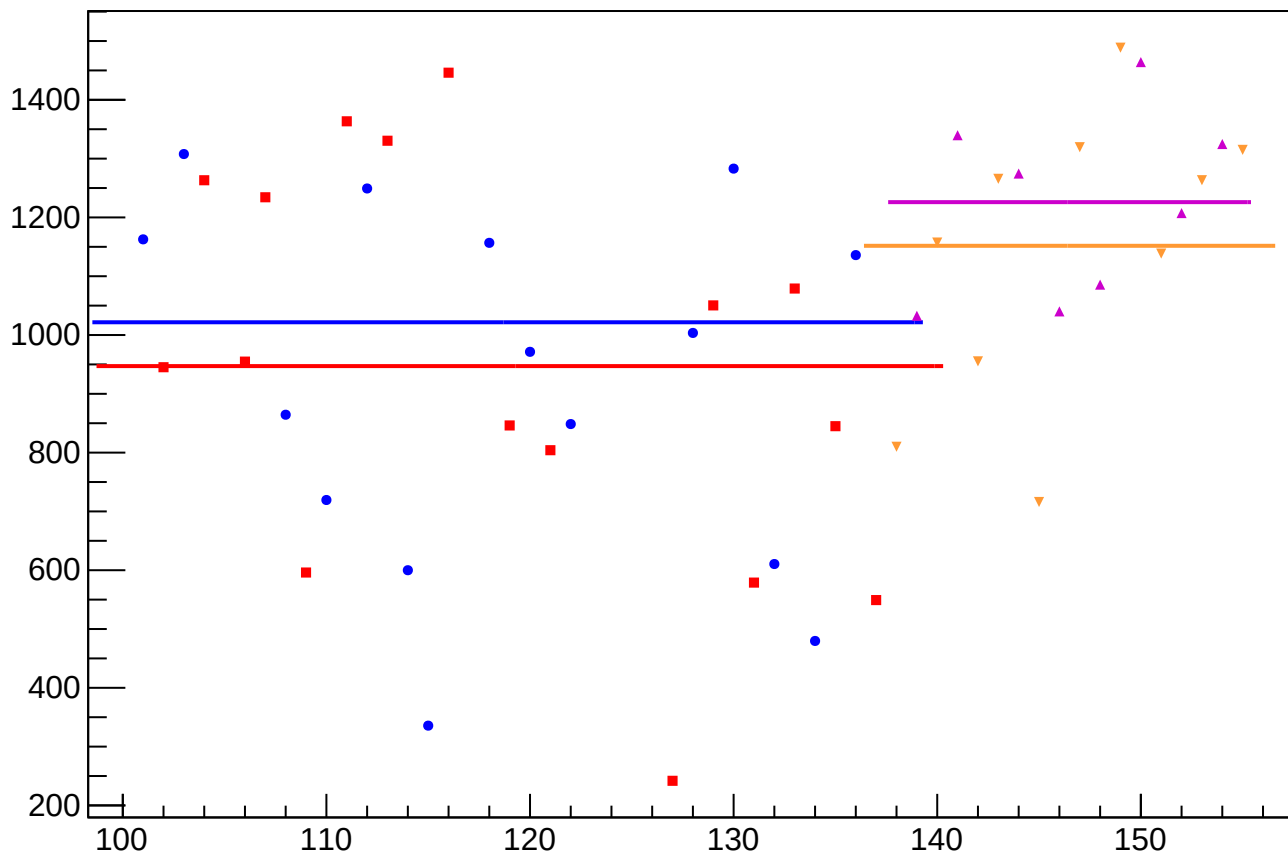
dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000	χ^2/NDF : 1031389230165640157864439705583367487488.0/14
Left Out: 2831.999+/-0.000	χ^2/NDF : 544415139872669653470341203296218251264.0/9
Right Out: 2624.696+/-0.000	χ^2/NDF : 1566705216866534713590934835660406652928.0/15
Left In: 3064.200+/-0.000	χ^2/NDF : 116676543284157332172250182720969244672.0/7

+ sign 2753.669+/-0.000 χ^2/NDF : 15858870101424
 All: 2799.970+/-0.000 χ^2/NDF : 33408800826
 - sign 2848.013+/-0.000 χ^2/NDF : 17488468887869

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684 ± 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1151.745 ± 0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9

Right Out: 947.145 ± 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

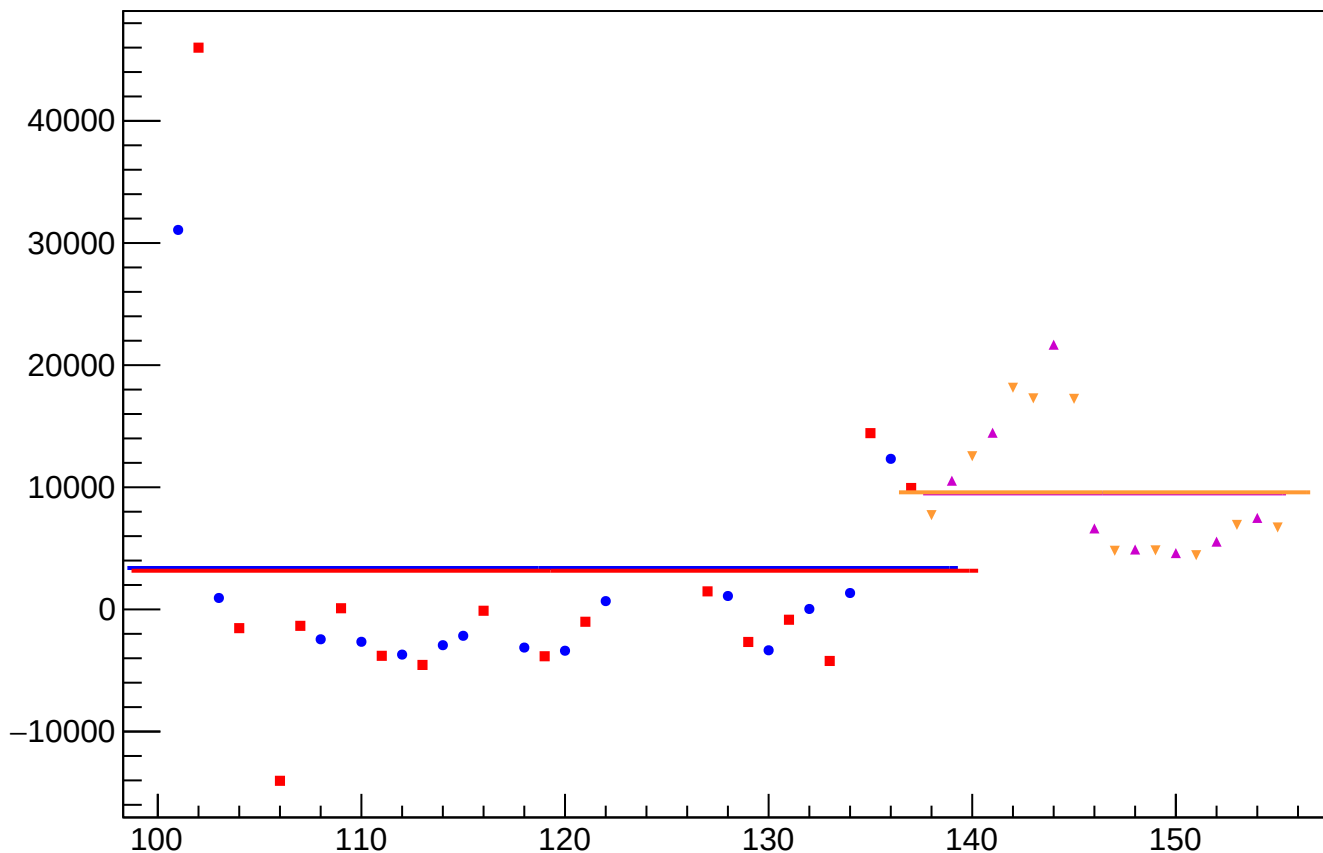
Left In: 1225.991 ± 0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7

+ sign 1091.753 ± 0.000 χ^2/NDF : 88475274667938

All: 1090.318 ± 0.000 χ^2/NDF : 19753451523

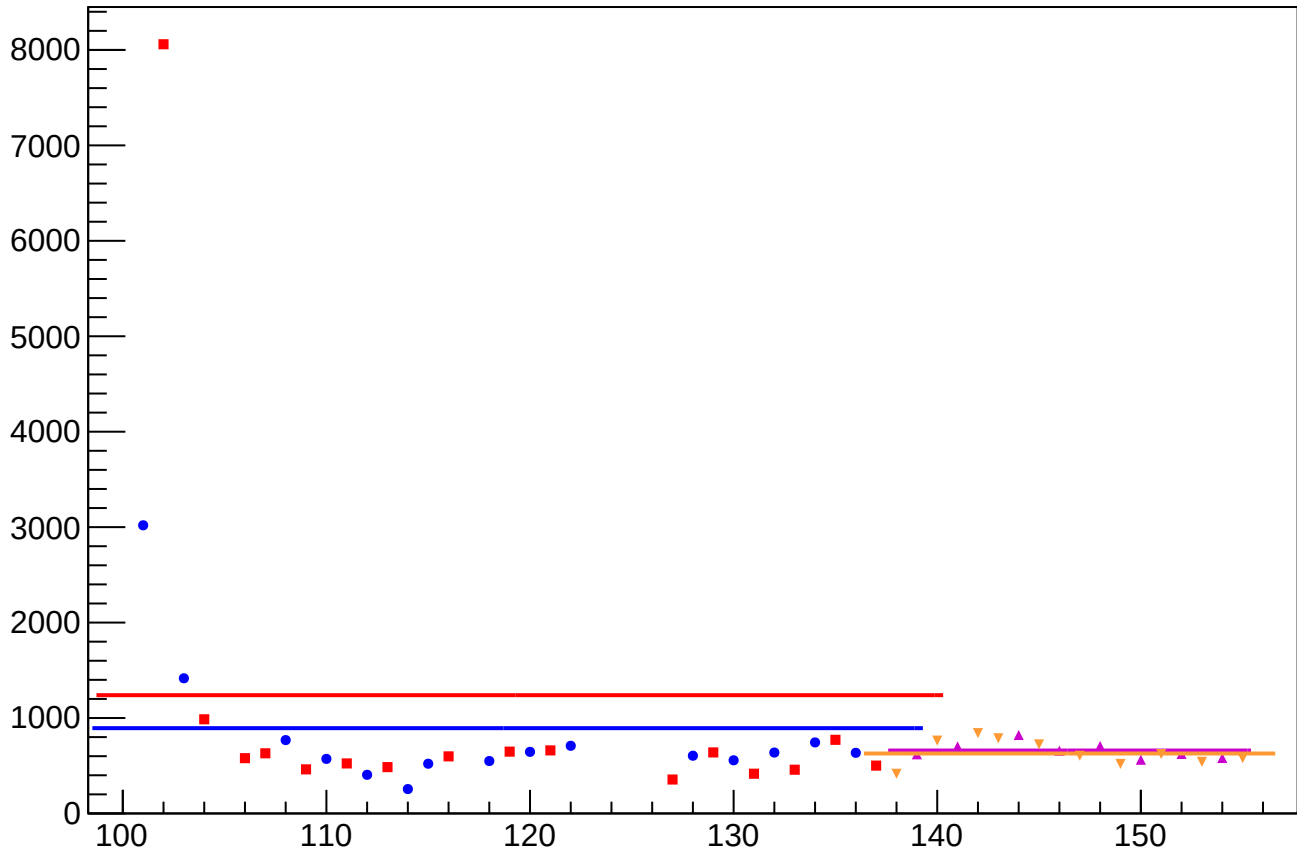
- sign 1088.830 ± 0.000 χ^2/NDF : 10905334376180

dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000 χ^2/NDF : 65871927441553256724179194556280173756416.0/14
 Left Out: 9586.633+/-0.000 χ^2/NDF : 20065940080744087620173924522843590098944.0/9
 Right Out: 3167.396+/-0.000 χ^2/NDF : 137753886677241144460462531881687568089088.0/15
 Left In: 9498.829+/-0.000 χ^2/NDF : 21722946080460047868924421605326569078784.0/7

dit_atr1_coil7_err_mean vs Slug



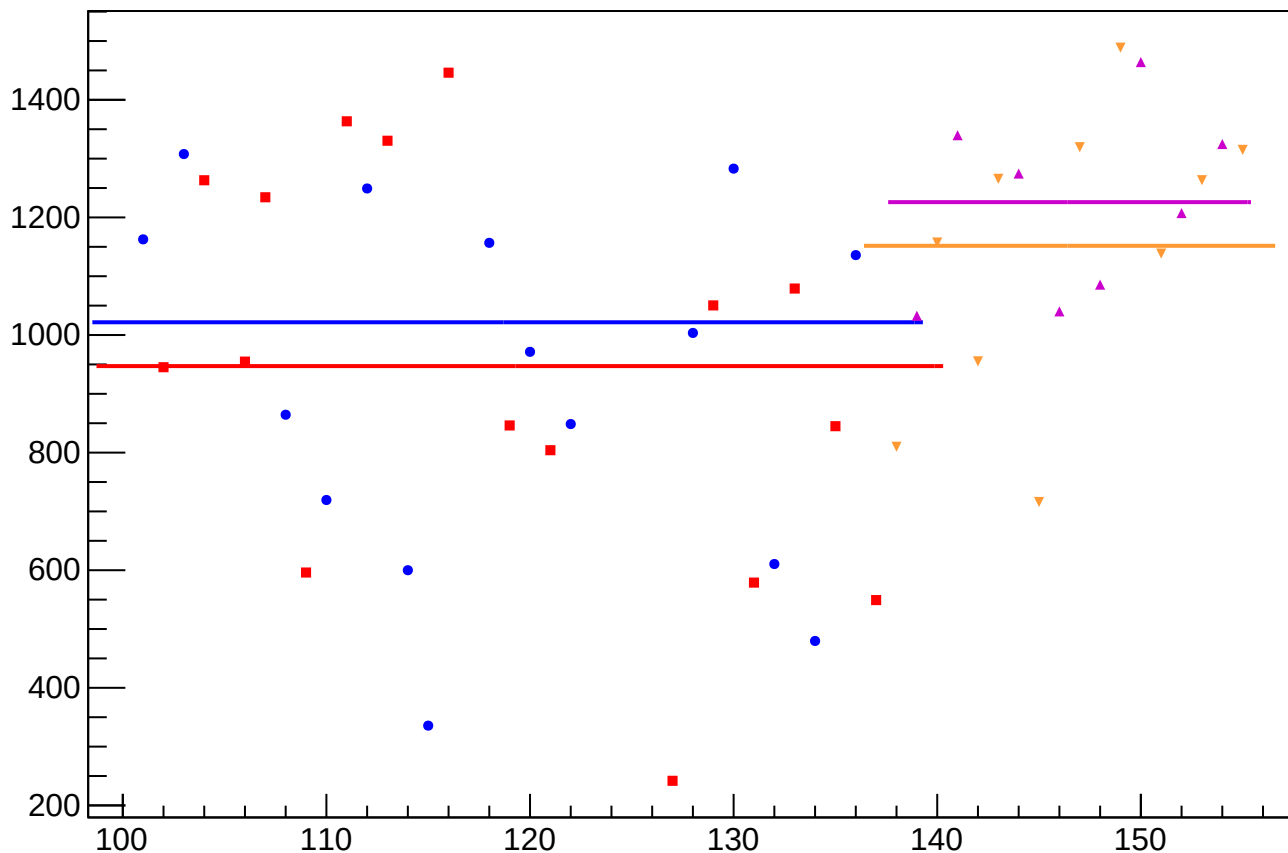
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 628.141+/-0.000 χ^2/NDF : 11431938275643075097875539838948605952.0/9

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

Left In: 659.319+/-0.000 χ^2/NDF : 4336691008026220857527501513702768640.0/7

dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

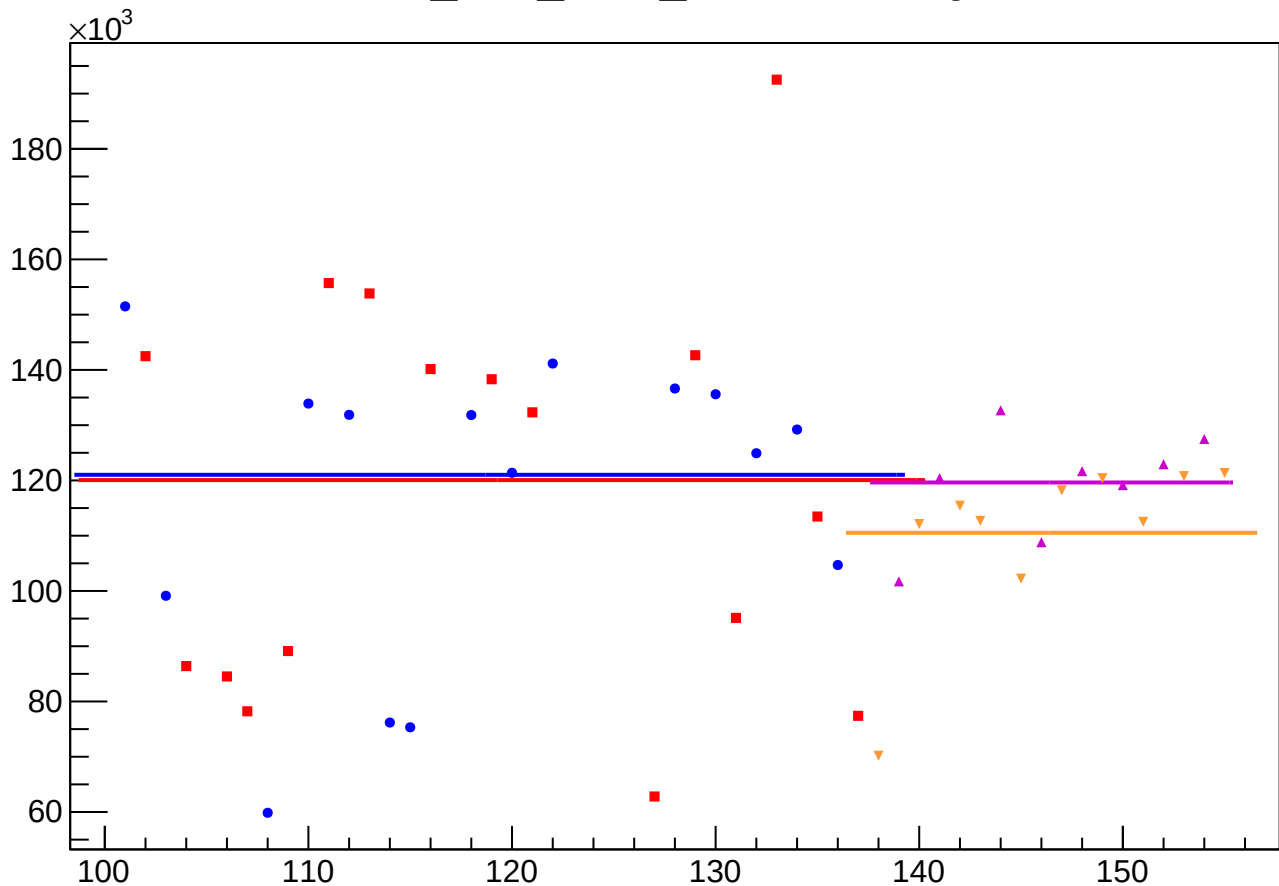
Left In: 1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7

+ sign 1091.753+/-0.000 χ^2/NDF : 88475274667938

All: 1090.318+/-0.000 χ^2/NDF : 19753451523

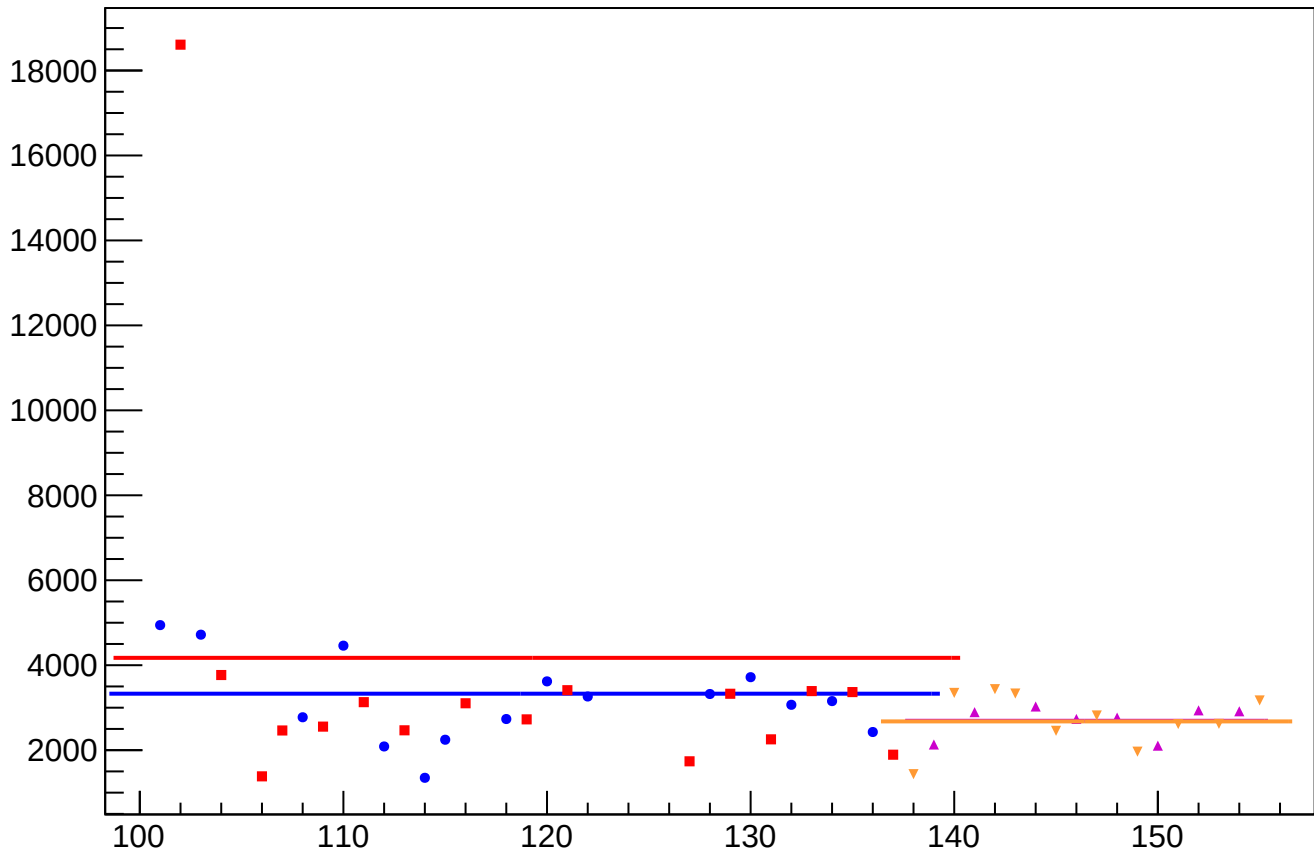
- sign 1088.830+/-0.000 χ^2/NDF : 10905334376180

dit_atr2_coil7_mean vs Slug



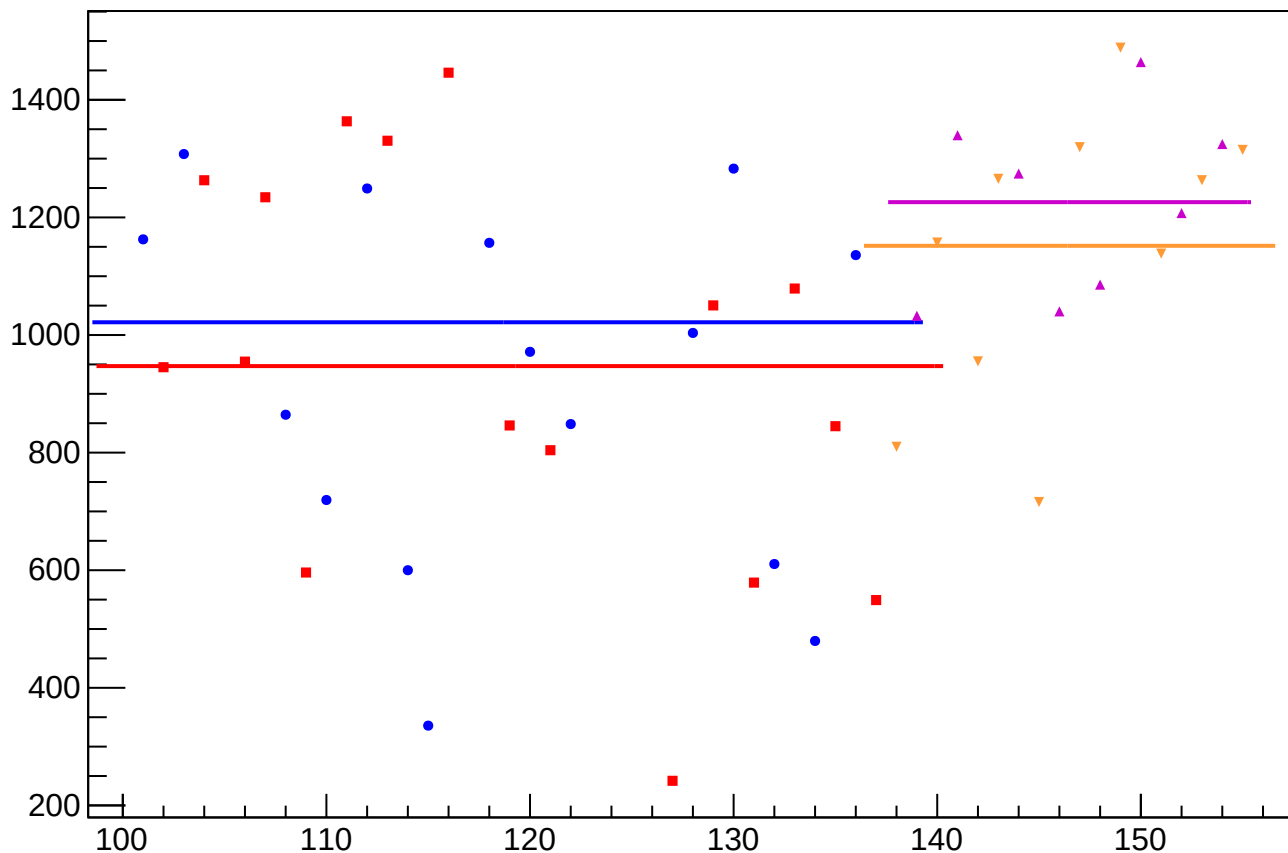
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 110523.127 $\pm$ 0.000 χ^2 /NDF: 165552804939725039415870639423598167588864.0/9
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 119629.955 $\pm$ 0.000 χ^2 /NDF: 57703305641263858646650204291068661334016.0/7

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14
 Left Out: 2677.127 $\pm$ 0.000 χ^2 /NDF: 280745794621275067398062048470242426880.0/9
 Right Out: 4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15
 Left In: 2691.648 $\pm$ 0.000 χ^2 /NDF: 80363649981833578618579675608780898304.0/7

dit_atr2_coil7_Ndata_mean vs Slug



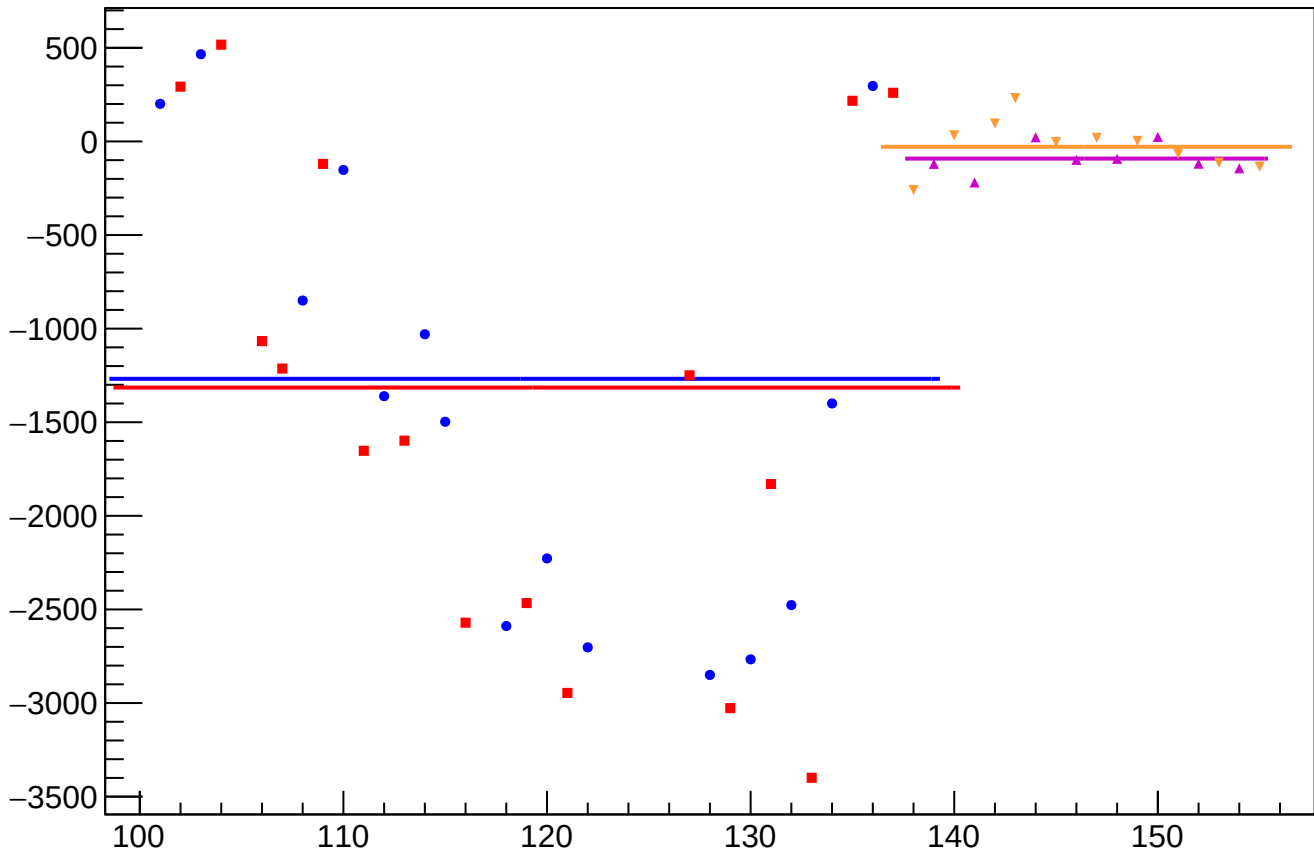
Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1151.745 $\pm$ 0.000 χ^2 /NDF: 42067705374934767749155565762701688832.0/9

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

Left In: 1225.991 $\pm$ 0.000 χ^2 /NDF: 14916675602968721754329681431453761536.0/7

dit_sam1_coil7_mean vs Slug



Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

+ sign -600.379+/-0.000 χ^2/NDF : 16409664527567

Left Out: -28.709+/-0.000 χ^2/NDF : 11643223921335218391399892566574891008.0/9

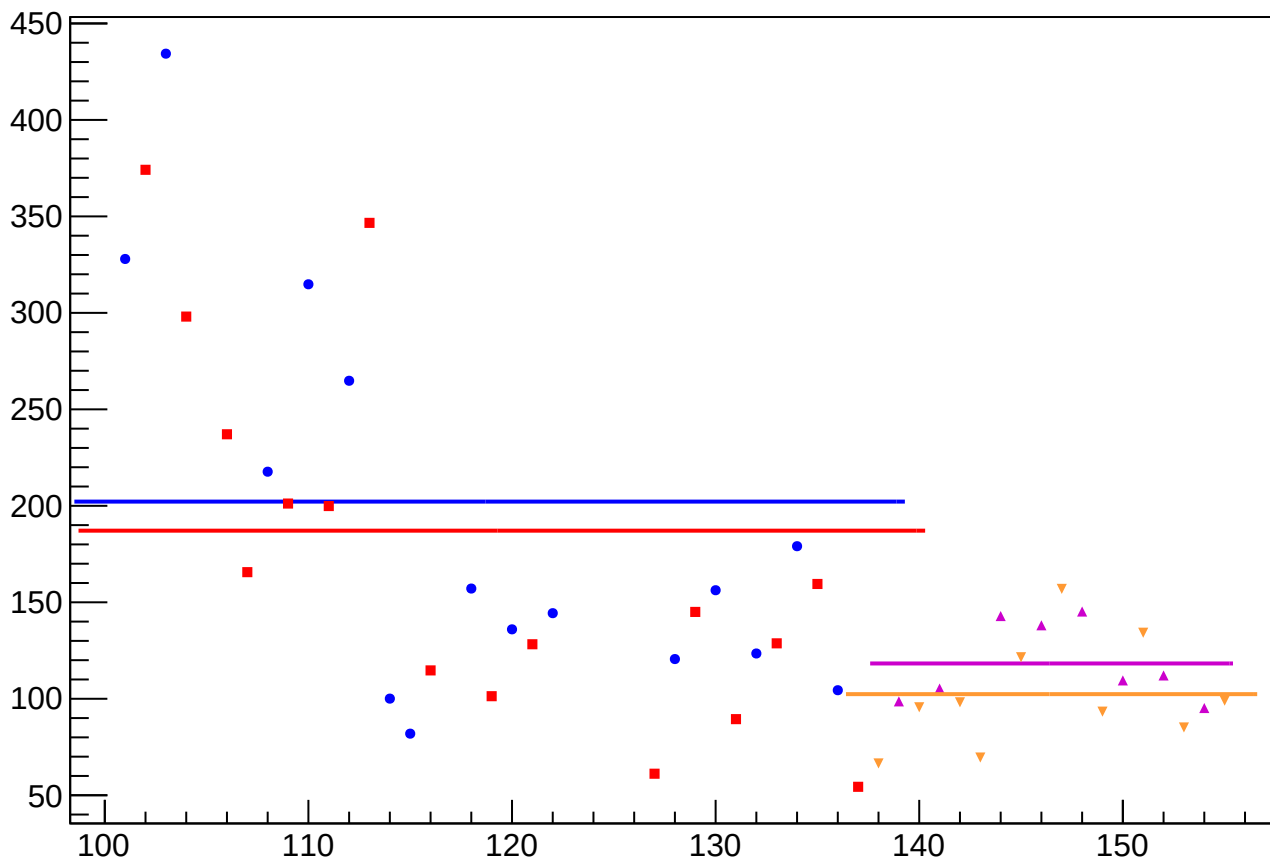
All: -645.983+/-0.000 χ^2/NDF : 32565152710

Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

- sign -693.303+/-0.000 χ^2/NDF : 160958631895479

Left In: -91.682+/-0.000 χ^2/NDF : 4125116408881259843751030315397677056.0/7

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191 $\pm$ 0.000 χ^2 /NDF: 7027941052752849066369040650615128064.0/14

Left Out: 102.401 $\pm$ 0.000 χ^2 /NDF: 550453930105703879937304030848483328.0/9

Right Out: 187.126 $\pm$ 0.000 χ^2 /NDF: 6230029491605524746936515809941389312.0/15

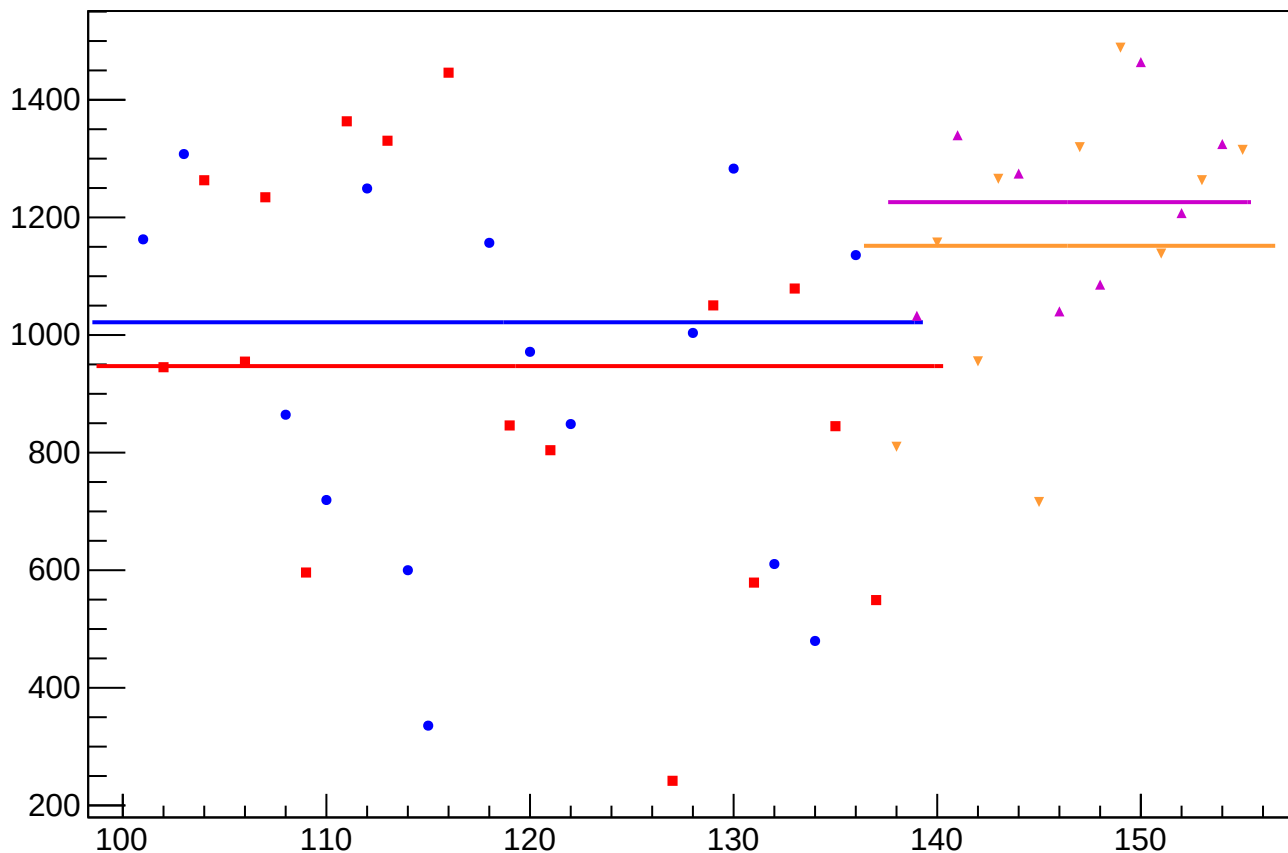
Left In: 118.298 $\pm$ 0.000 χ^2 /NDF: 250552451341290168456116188638871552.0/7

+ sign 148.431 $\pm$ 0.000 χ^2 /NDF: 110600916308358

All: 150.258 $\pm$ 0.000 χ^2 /NDF: 19155746491

- sign 152.154 $\pm$ 0.000 χ^2 /NDF: 808608343777992

dit_sam1_coil7_Ndata_mean vs Slug



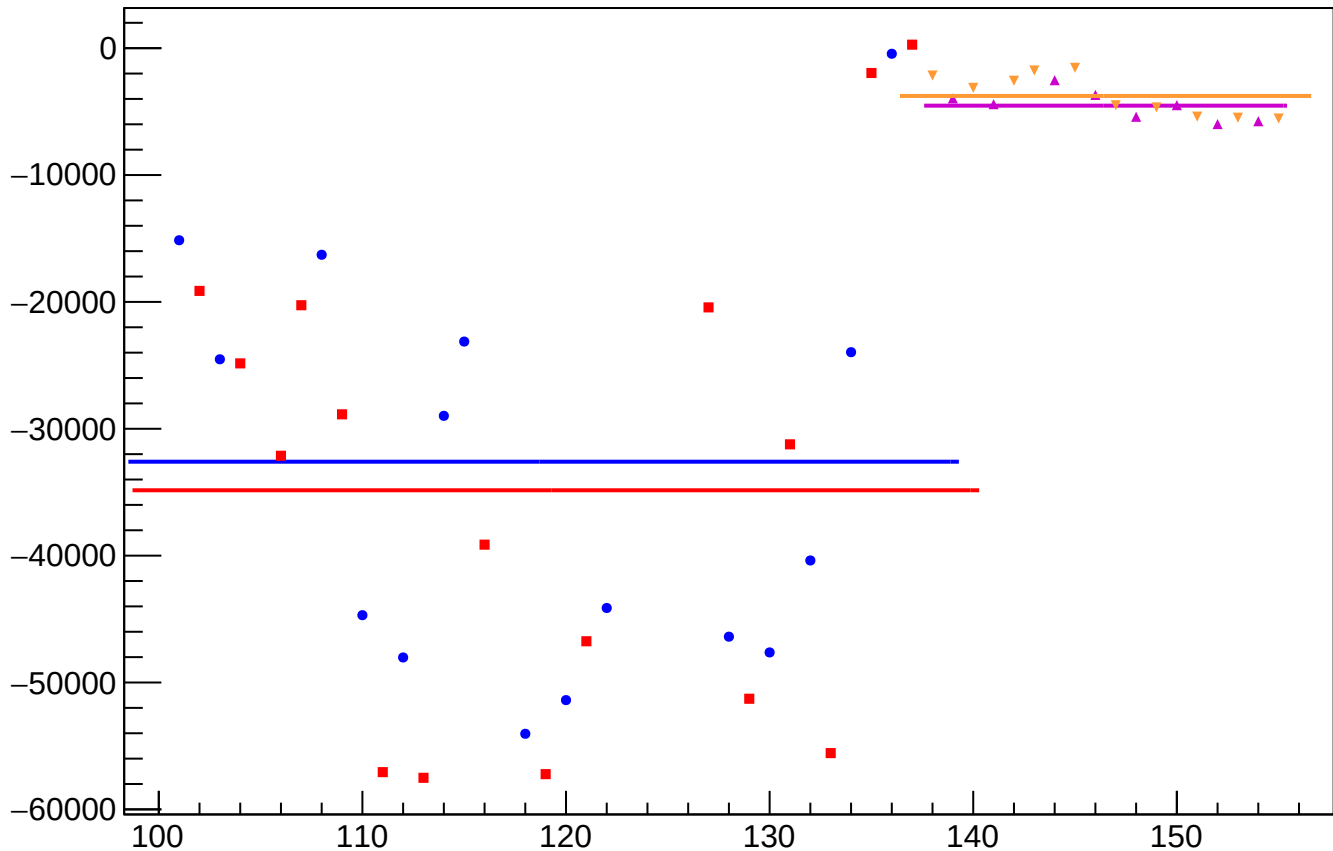
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

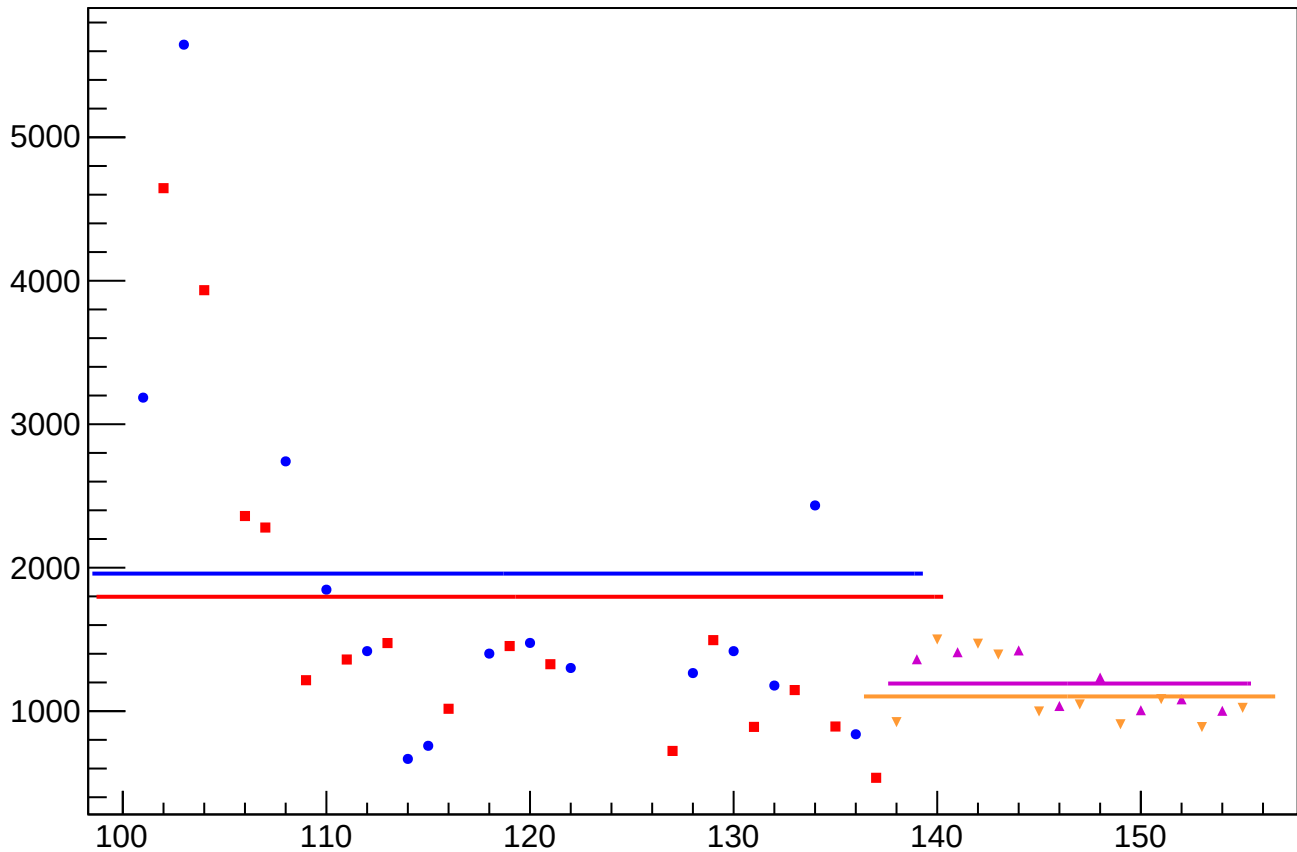
Left In: 1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7

dit_sam2_coil7_mean vs Slug



Right In: -32594.962 ± 0.000 $\chi^2/\text{NDF}: 209150369207000564489724529020922520141824.0/14$
 Left Out: -3765.009 ± 0.000 $\chi^2/\text{NDF}: 1787766330968218151093774702471263813632.0/9$
 Right Out: -34848.046 ± 0.000 $\chi^2/\text{NDF}: 221127702024811719232559434097324967591936.0/15$
 Left In: -4530.774 ± 0.000 $\chi^2/\text{NDF}: 827210194779501335013358944537160974336.0/7$

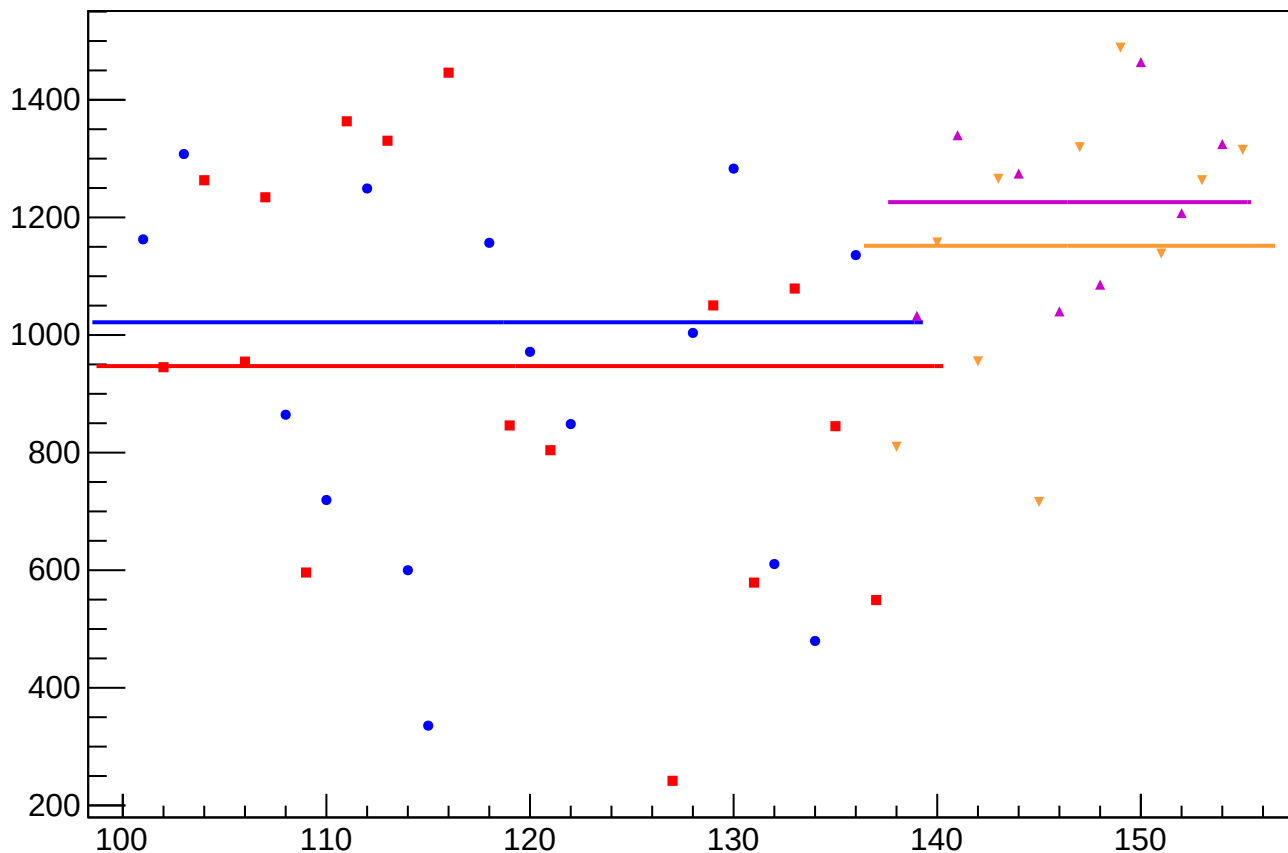
dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835+/-0.000	χ^2/NDF : 1189322999631358431600643692981190131712.0/14
Left Out: 1102.524+/-0.000	χ^2/NDF : 36056430977556320931178442891949244416.0/9
Right Out: 1797.392+/-0.000	χ^2/NDF : 955096623879958195657195074614240215040.0/15
Left In: 1192.503+/-0.000	χ^2/NDF : 20700776689928959125569219421383163904.0/7

+ sign 1497.510+/-0.000 χ^2/NDF : 14817582930392
 All: 1493.844+/-0.000 χ^2/NDF : 25815985283
 - sign 1490.041+/-0.000 χ^2/NDF : 10998017055990

dit_sam2_coil7_Ndata_mean vs Slug



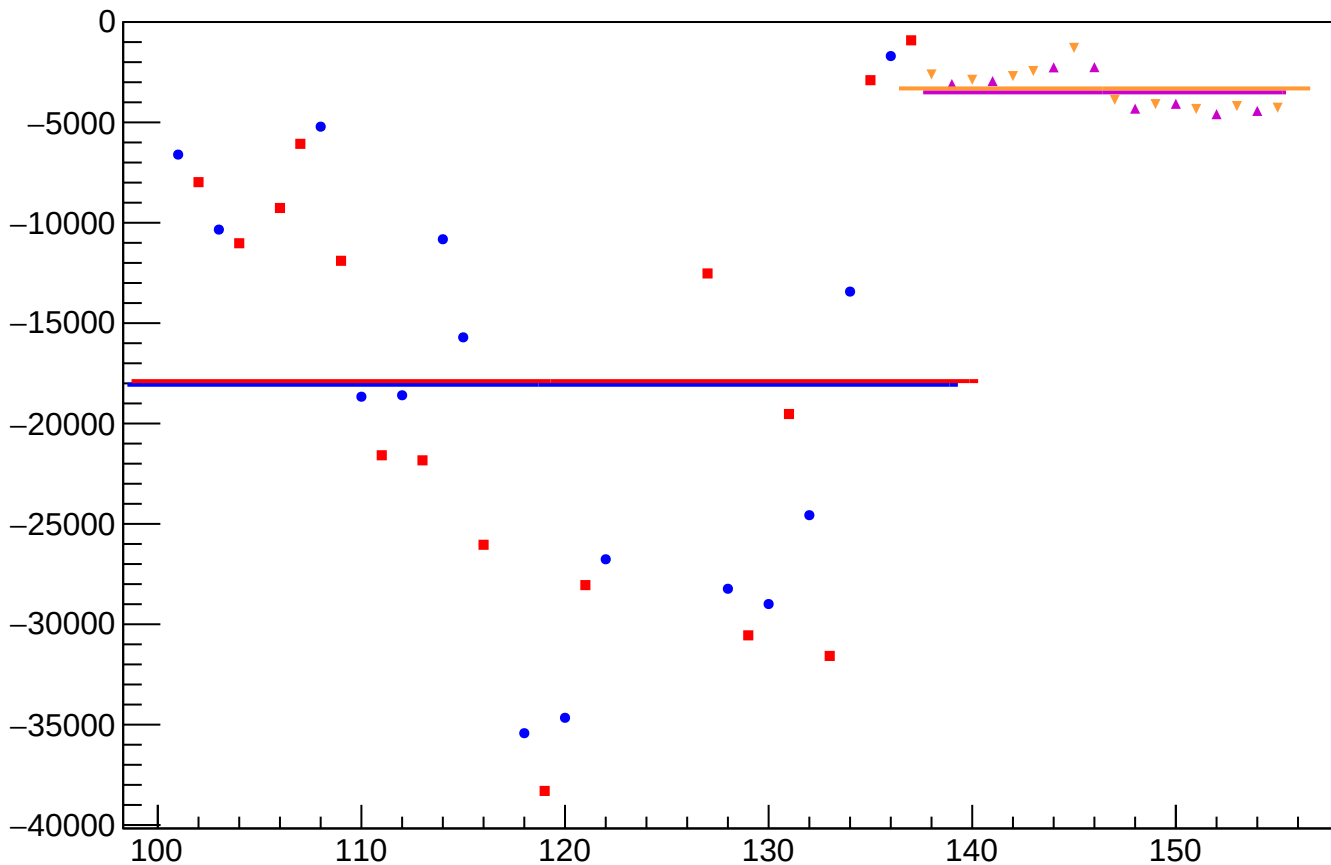
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

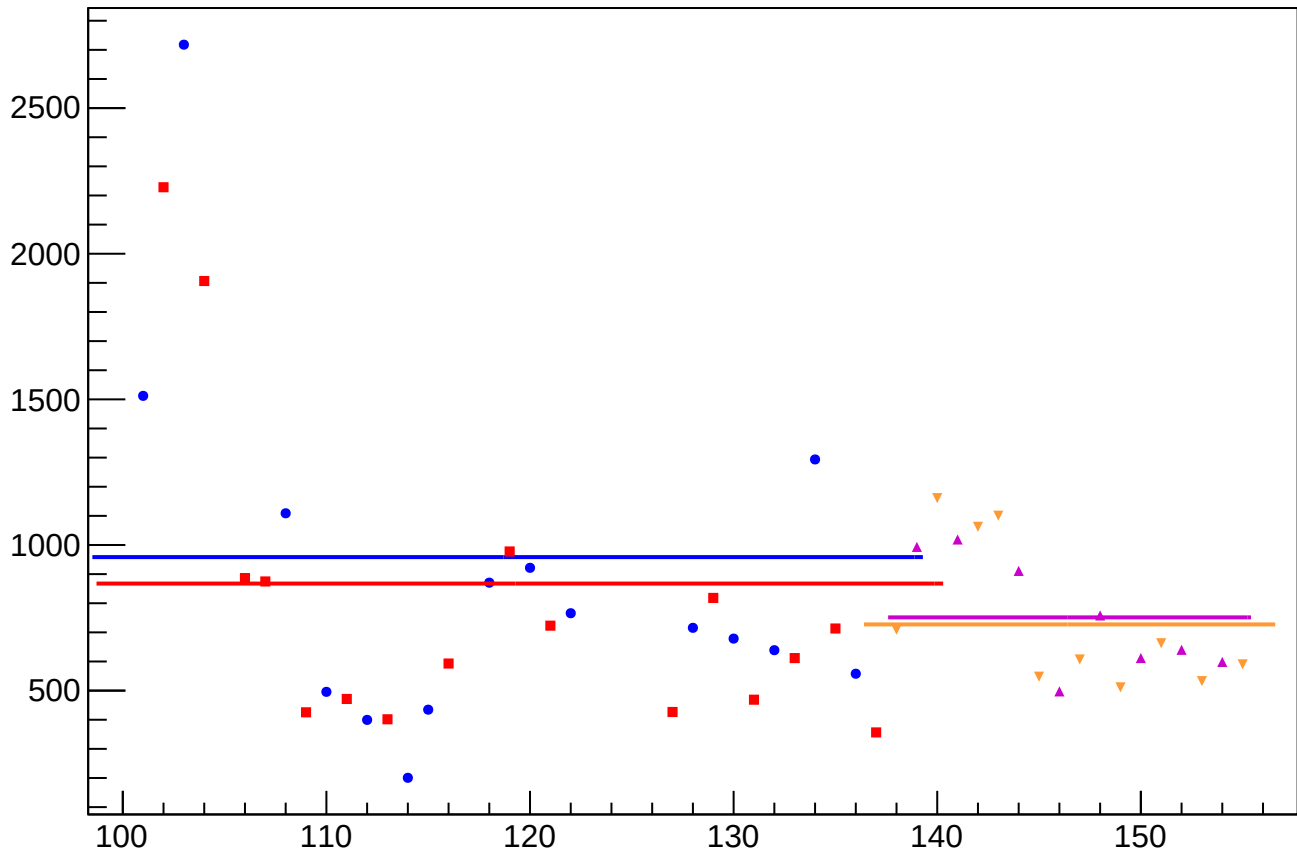
Left In: 1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -3308.300+/-0.000 χ^2/NDF : 747701288797264804313490105808470409216.0/9
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -3504.428+/-0.000 χ^2/NDF : 573344976597219841140615708998132301824.0/7

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

+ sign 833.899+/-0.000 χ^2/NDF : 326070896709268

Left Out: 727.293+/-0.000 χ^2/NDF : 42661712873763452262697563022862319616.0/9

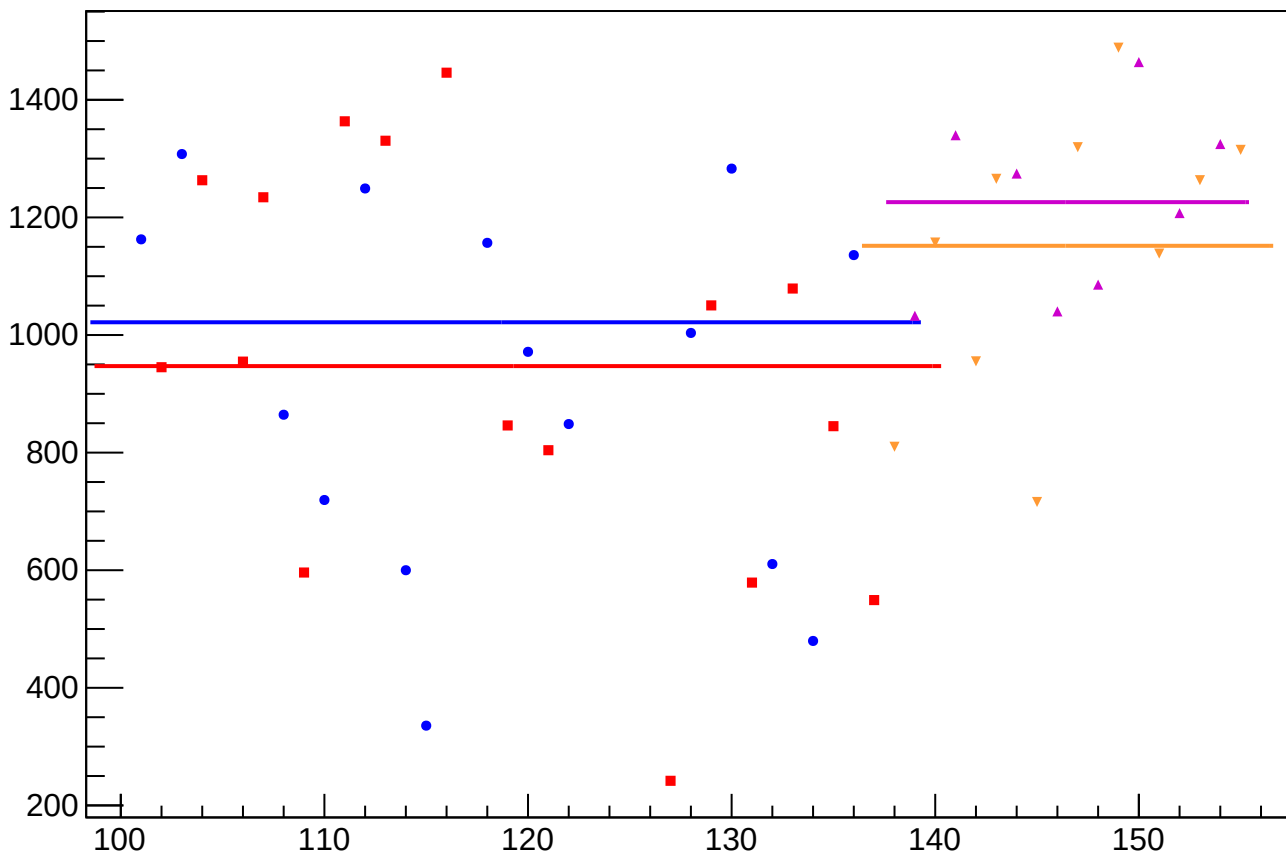
All: 821.459+/-0.000 χ^2/NDF : 570593837242

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

- sign 808.550+/-0.000 χ^2/NDF : 244079211347267

Left In: 751.446+/-0.000 χ^2/NDF : 23381739081553303290283875395015016448.0/7

dit_sam3_coil7_Ndata_mean vs Slug



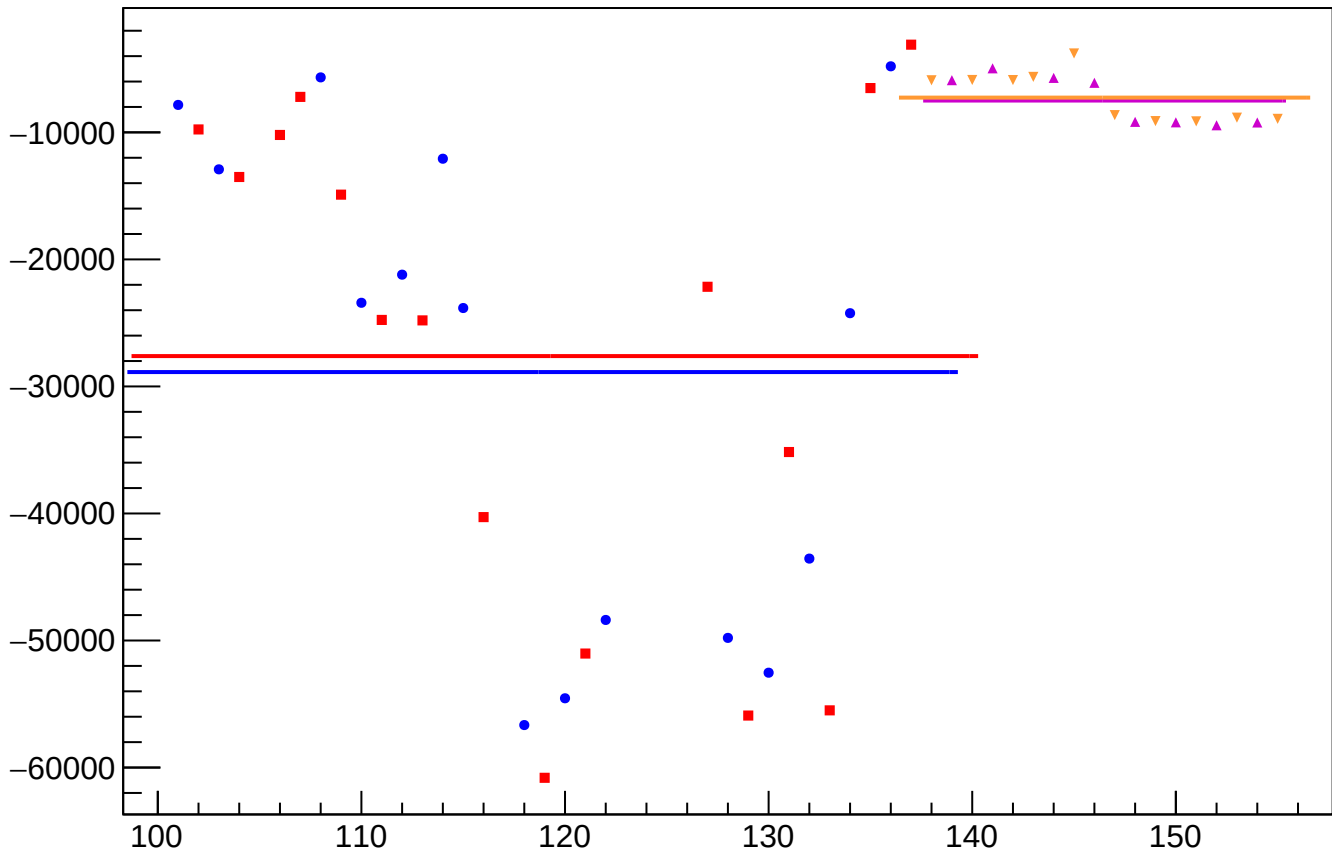
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

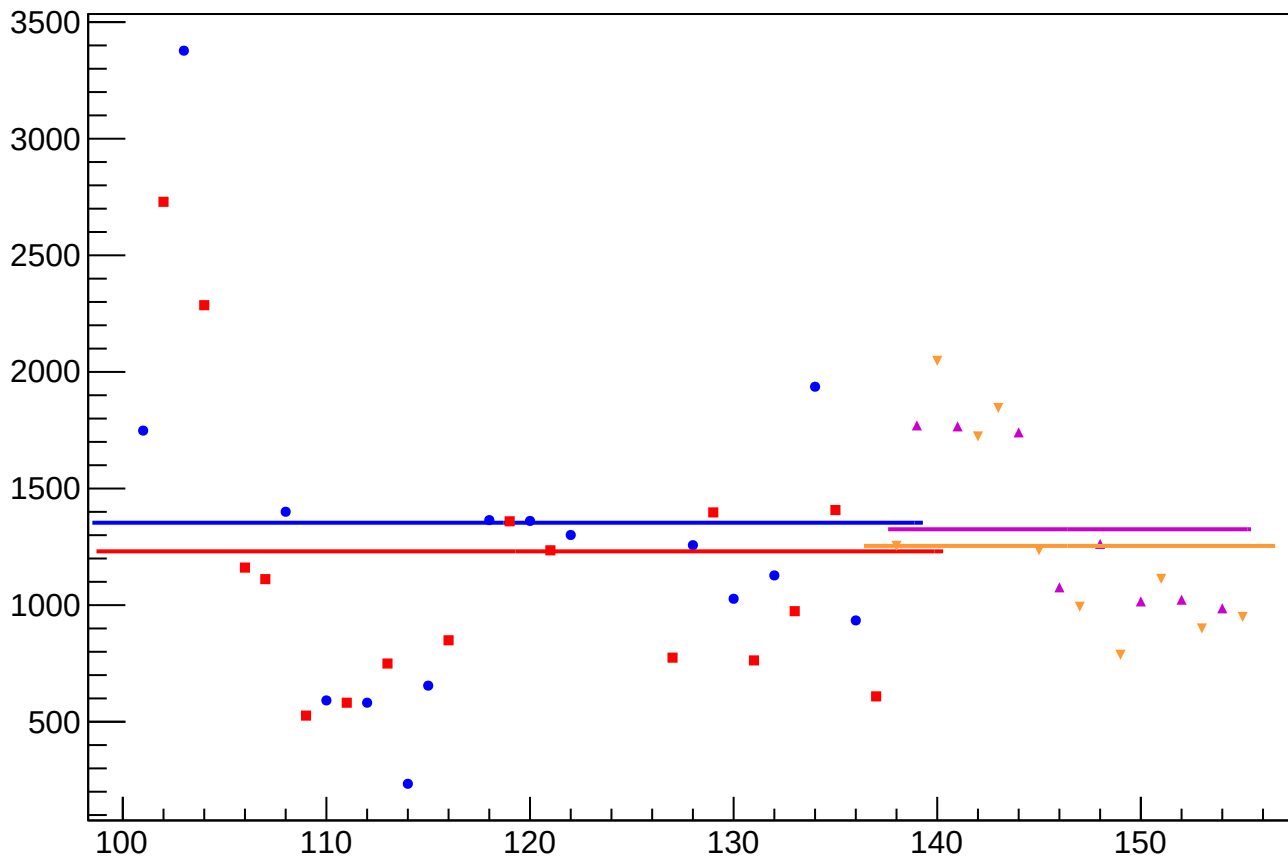
Left In: 1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7

dit_sam4_coil7_mean vs Slug



Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -7264.348+/-0.000 χ^2/NDF : 2688594841988151731322288290897246289920.0/9
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -7494.946+/-0.000 χ^2/NDF : 2299116014800446285212605946997908701184.0/7

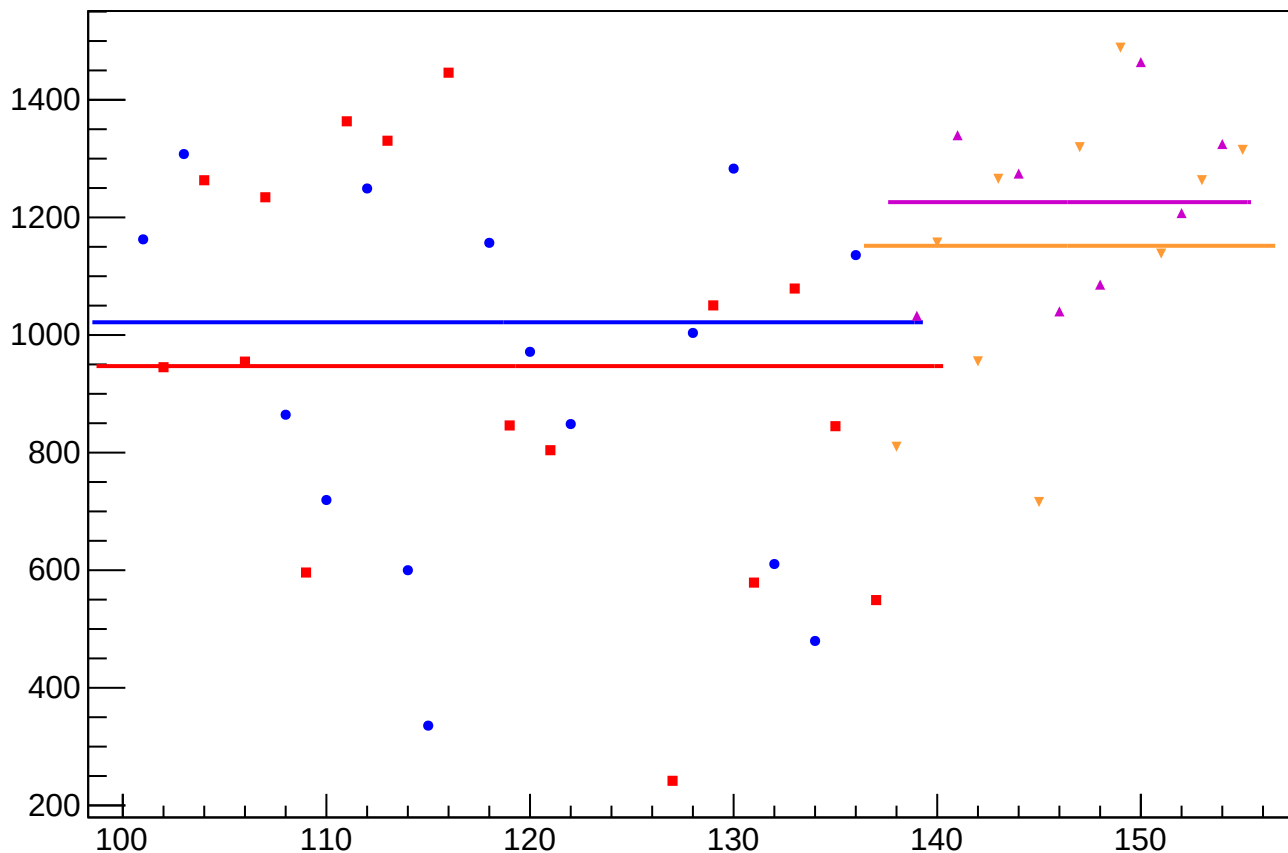
dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000	χ^2/NDF : 352887966702770713373861839880553758720.0/14
Left Out: 1253.923+/-0.000	χ^2/NDF : 128428486588873205087284562209636614144.0/9
Right Out: 1230.633+/-0.000	χ^2/NDF : 276989454129150005656872744539903754240.0/15
Left In: 1325.396+/-0.000	χ^2/NDF : 80311909933657404795903817339369422848.0/7

+ sign 1299.814+/-0.000 χ^2/NDF : 48477729102109
 All: 1289.493+/-0.000 χ^2/NDF : 84542750106
 - sign 1278.783+/-0.000 χ^2/NDF : 36034478745441

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 947.145+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9

Right Out: 1151.745+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

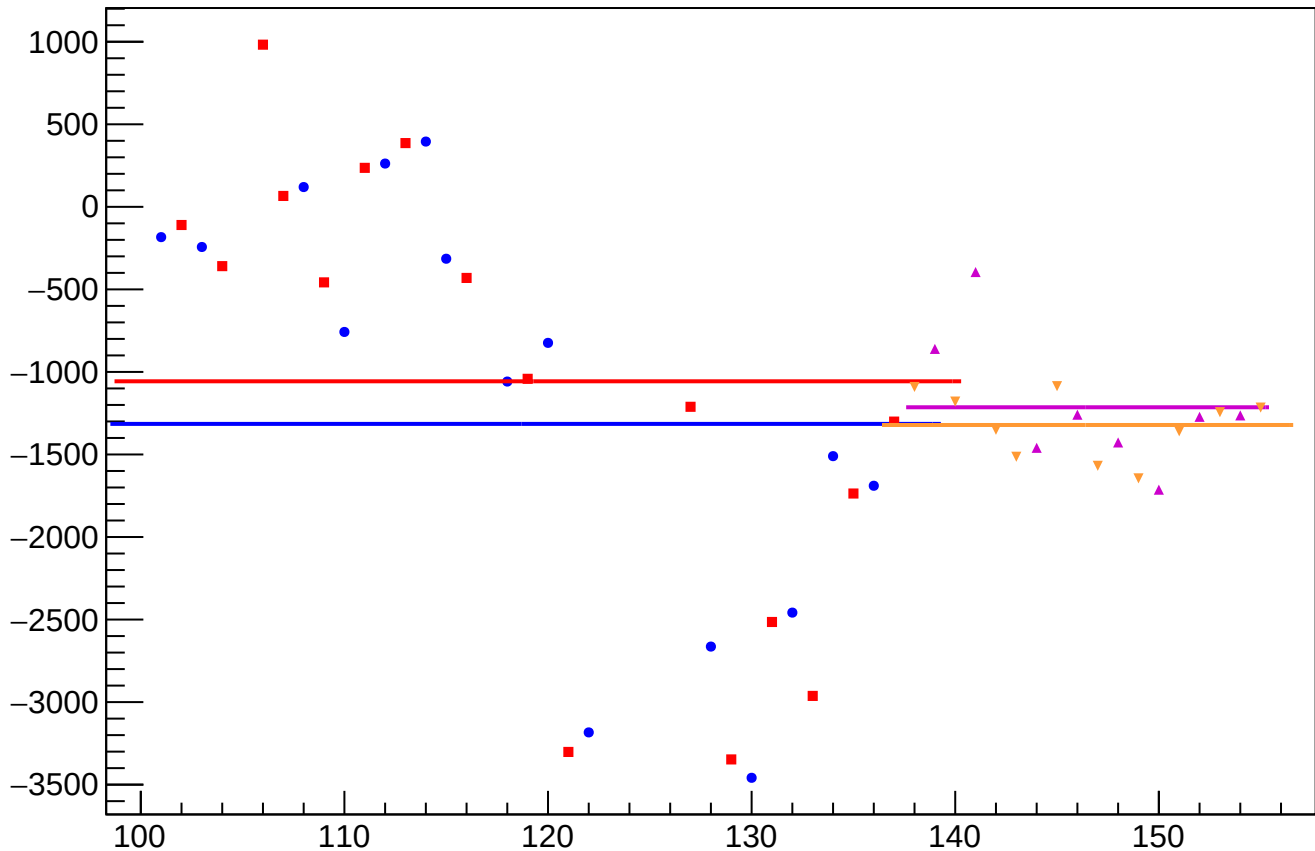
Left In: 1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7

+ sign 1091.753+/-0.000 χ^2/NDF : 88475274667938

All: 1090.318+/-0.000 χ^2/NDF : 19753451523

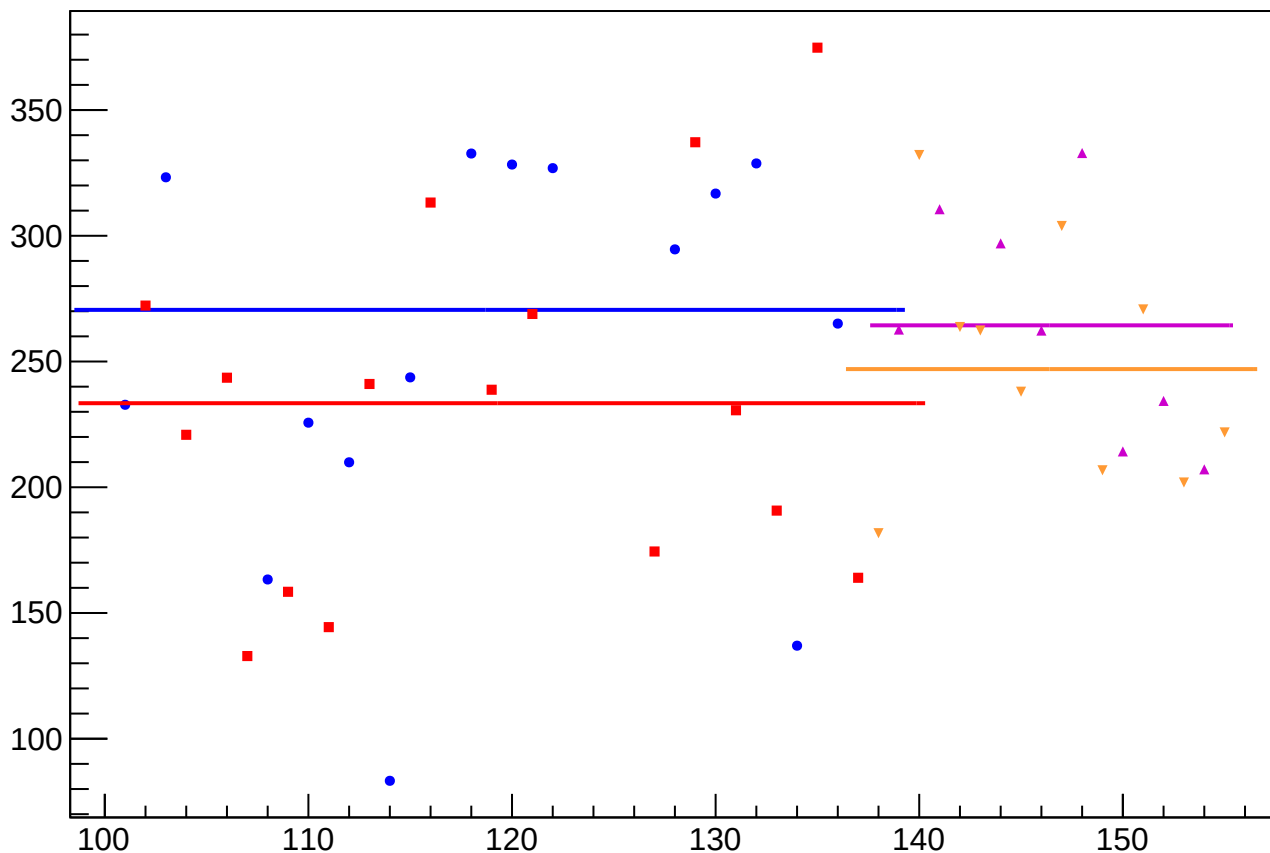
- sign 1088.830+/-0.000 χ^2/NDF : 10905334376180

dit_sam5_coil7_mean vs Slug



Right In: -1314.782 ± 0.000 $\chi^2/\text{NDF}: 966082368518203481544021644405645508608.0/14$
 Left Out: -1321.356 ± 0.000 $\chi^2/\text{NDF}: 27839300901419760642845335073450885120.0/9$
 Right Out: -1056.765 ± 0.000 $\chi^2/\text{NDF}: 1127141594187417021949832477353286041600.0/15$
 Left In: -1214.115 ± 0.000 $\chi^2/\text{NDF}: 99695782858420765320503814100462075904.0/7$

dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000 χ^2/NDF : 2473839905347950323907848405170257920.0/14

+ sign 257.851+/-0.000 χ^2/NDF : 428509462312040

Left Out: 246.988+/-0.000 χ^2/NDF : 1617346754330002079580063346190188544.0/9

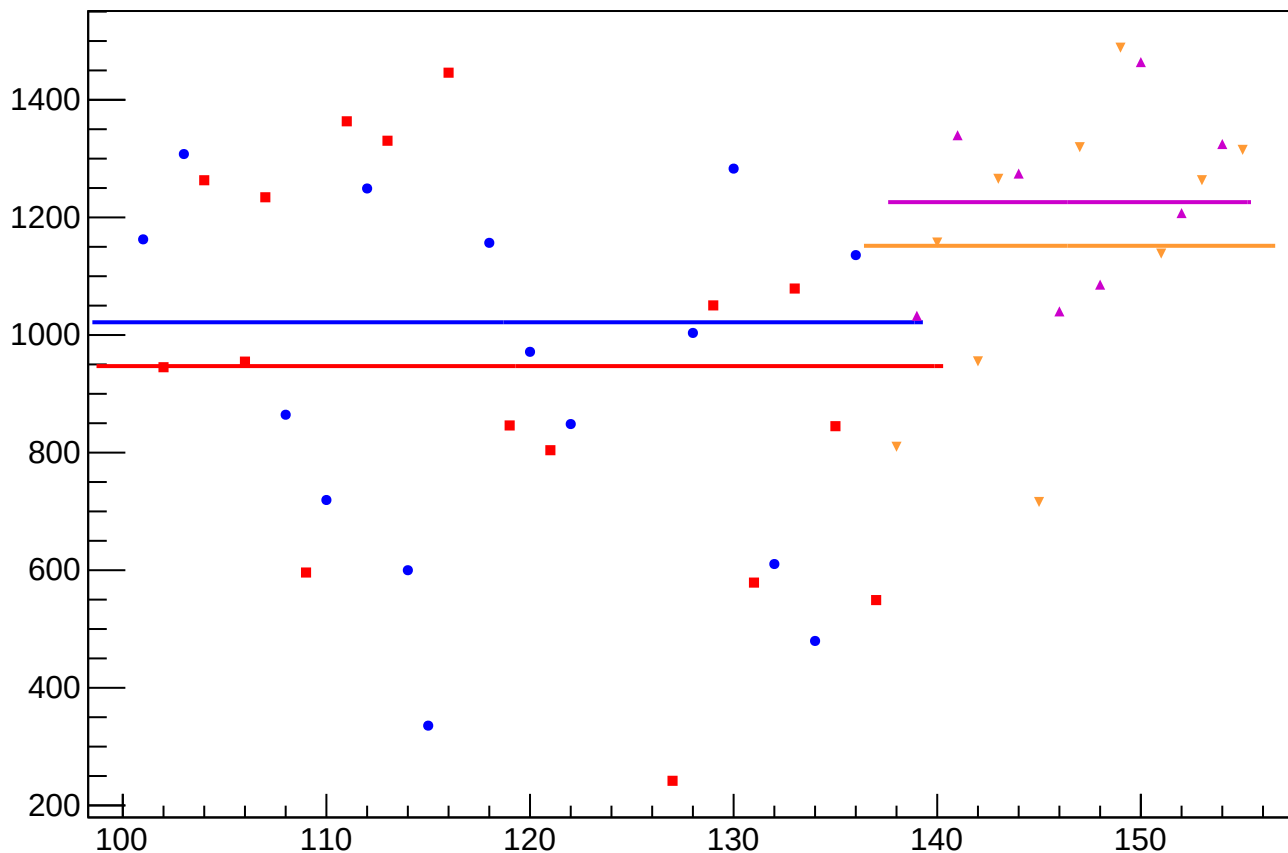
All: 253.583+/-0.000 χ^2/NDF : 898069995202

Right Out: 233.421+/-0.000 χ^2/NDF : 3048529087317888615064010247743995904.0/15

- sign 249.154+/-0.000 χ^2/NDF : 464337950694380

Left In: 264.385+/-0.000 χ^2/NDF : 1269907879083861947773136167417937920.0/7

dit_sam5_coil7_Ndata_mean vs Slug



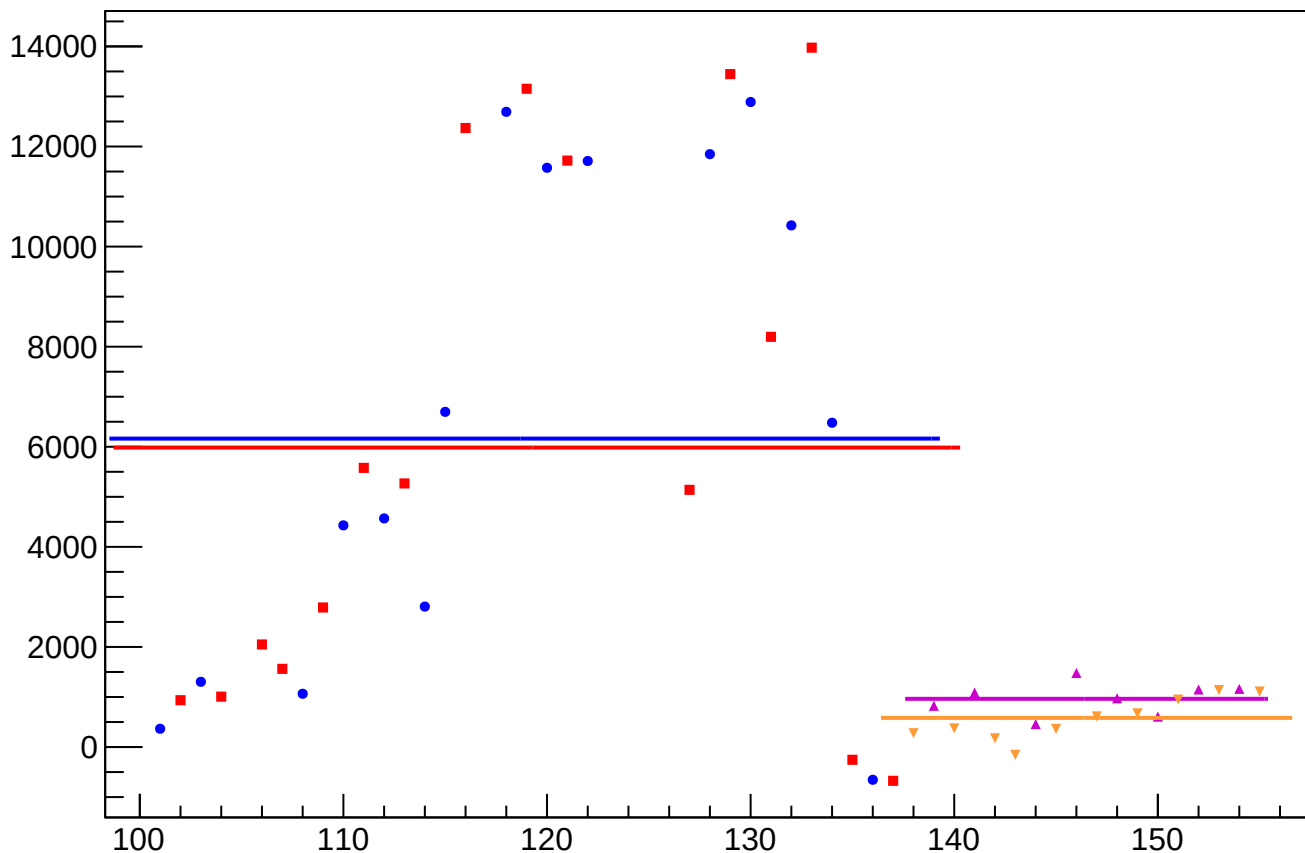
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

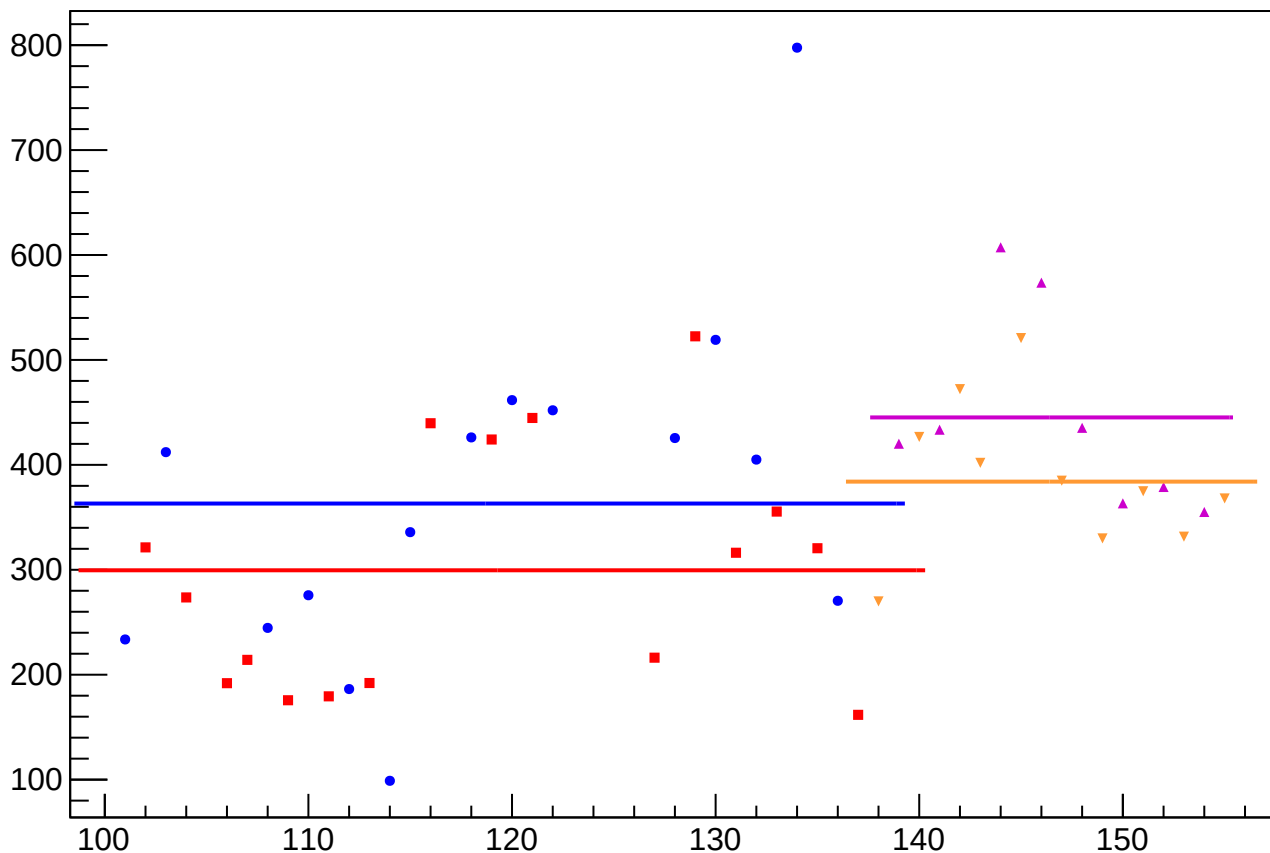
Left In: 1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 582.858+/-0.000 χ^2/NDF : 118624346997451994434390771874842804224.0/9
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 963.346+/-0.000 χ^2/NDF : 65738725996837697612114994173493379072.0/7

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

Left Out: 384.020+/-0.000 χ^2/NDF : 3566834288338568996744093732712742912.0/9

Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

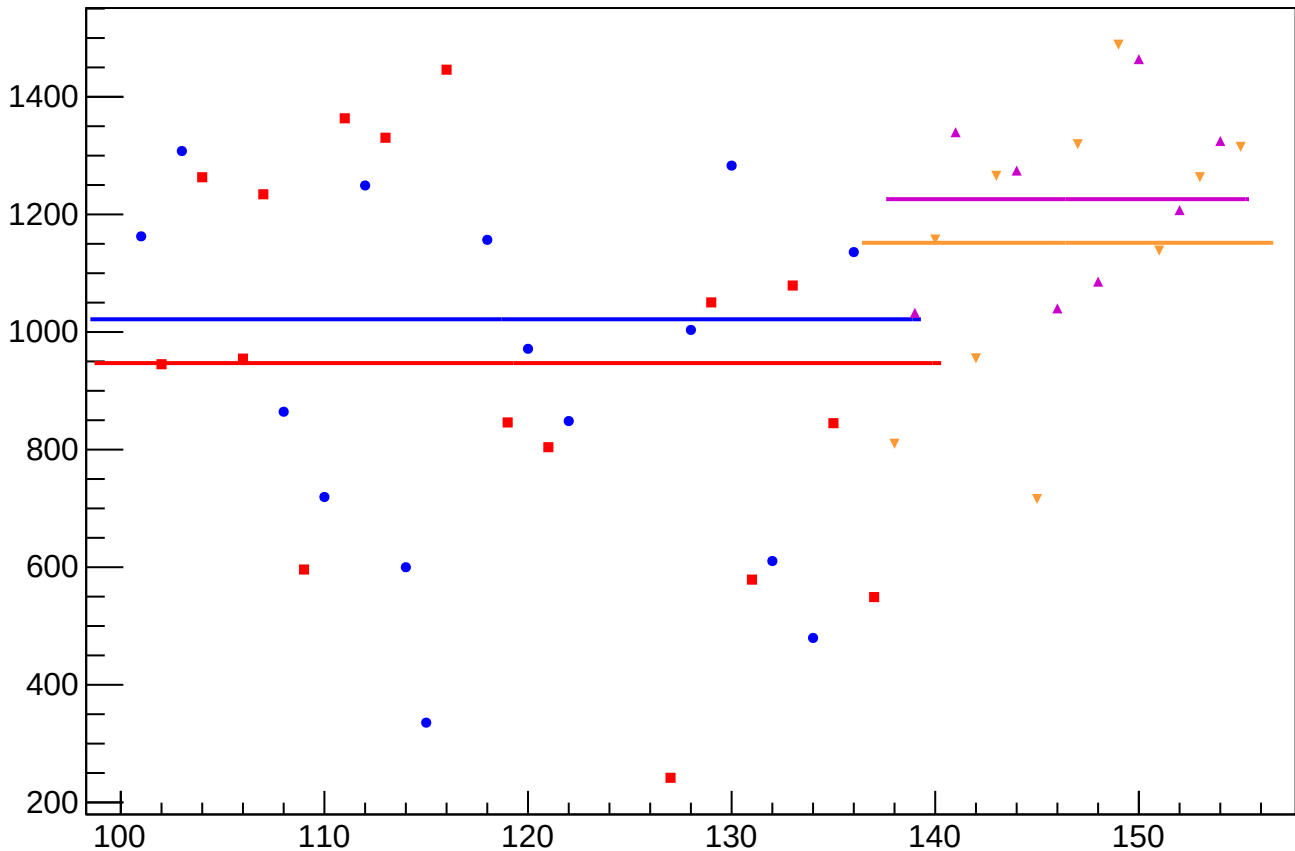
Left In: 445.204+/-0.000 χ^2/NDF : 5494328242983171072395981994640539648.0/7

+ sign 374.386+/-0.000 χ^2/NDF : 152221584986002

All: 373.971+/-0.000 χ^2/NDF : 355960332973

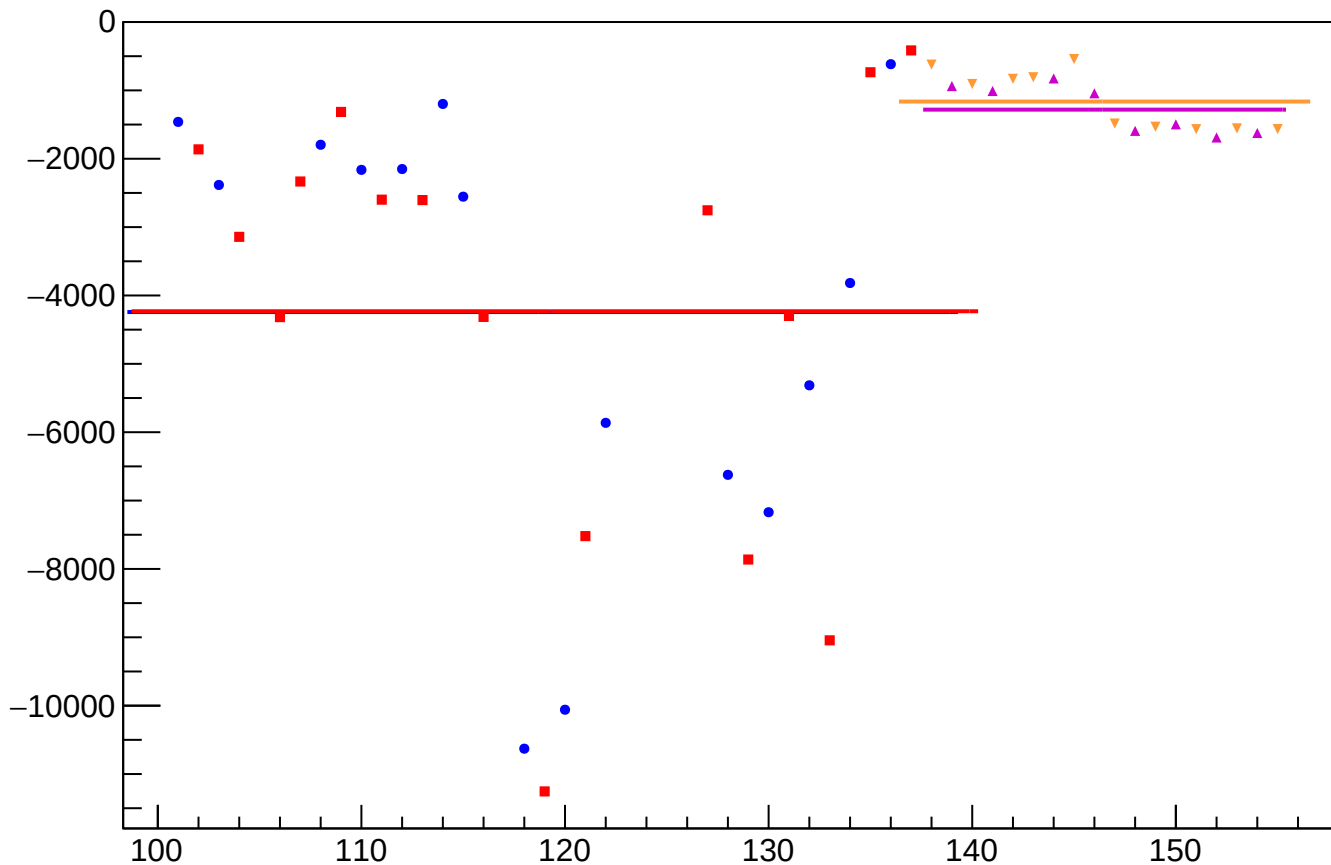
- sign 373.541+/-0.000 χ^2/NDF : 203733822898405

dit_sam6_coil7_Ndata_mean vs Slug



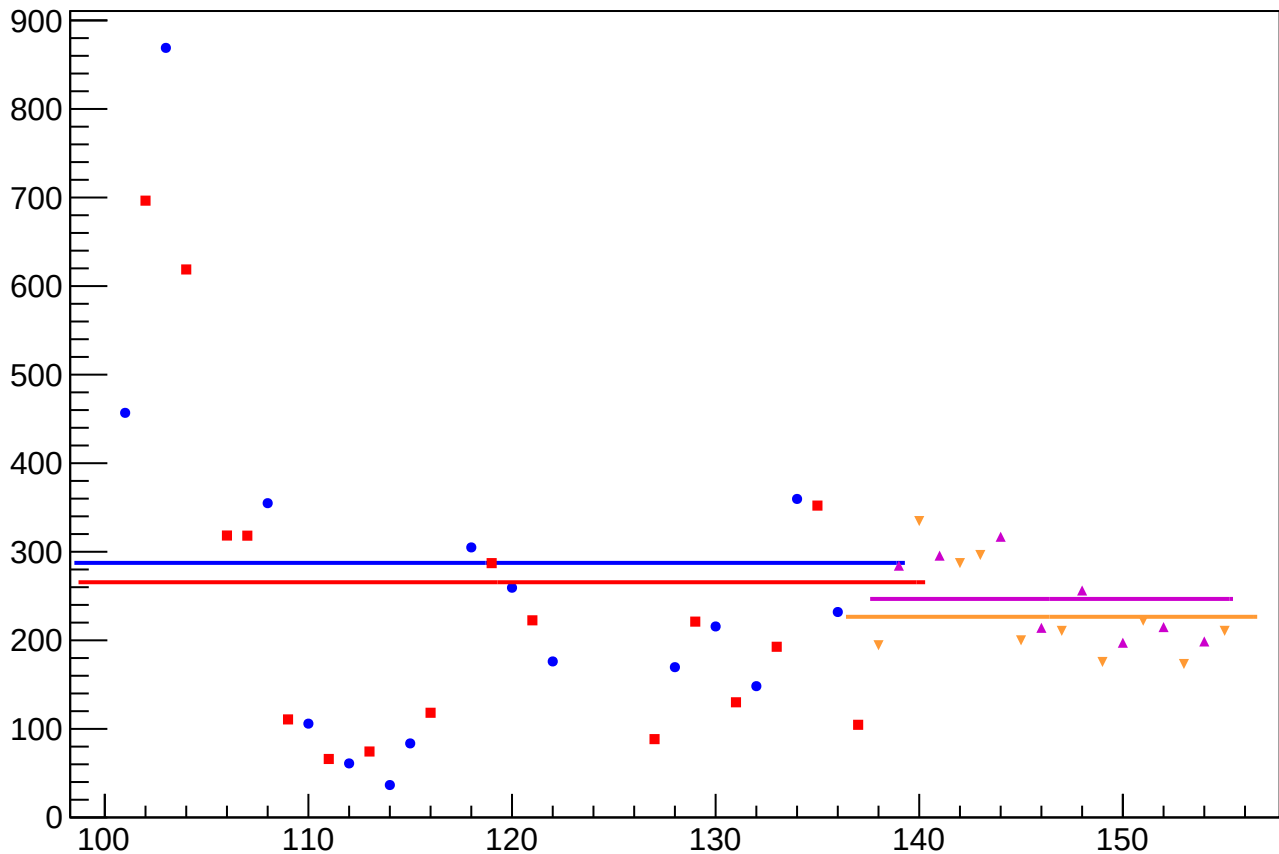
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7

dit_sam7_coil7_mean vs Slug



Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14
 Left Out: -1163.324+/-0.000 χ^2/NDF : 131156662141507825369566342144969408512.0/9
 Right Out: -4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15
 Left In: -1281.544+/-0.000 χ^2/NDF : 76370304178320758699722815448872386560.0/7

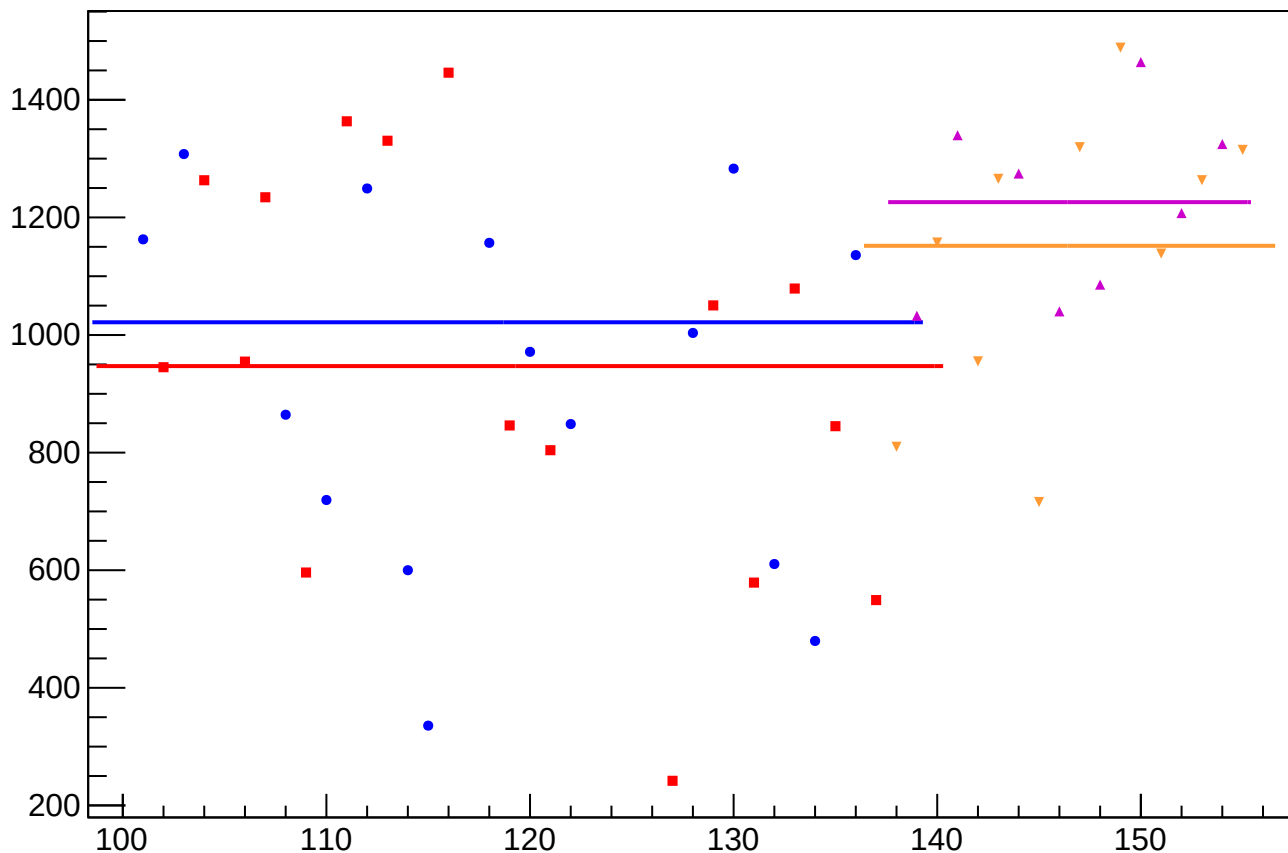
dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000	χ^2/NDF : 29517044144826155936619151581366976512.0/14
Left Out: 226.571+/-0.000	χ^2/NDF : 2092832044979624743391039145549758464.0/9
Right Out: 265.593+/-0.000	χ^2/NDF : 25843263106329059274985499259066908672.0/15
Left In: 246.754+/-0.000	χ^2/NDF : 1367529739833936735254543803407663104.0/7

+ sign 254.657+/-0.000 χ^2/NDF : 329061430567353
 All: 255.326+/-0.000 χ^2/NDF : 602385019832
 - sign 256.020+/-0.000 χ^2/NDF : 273310747355952

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

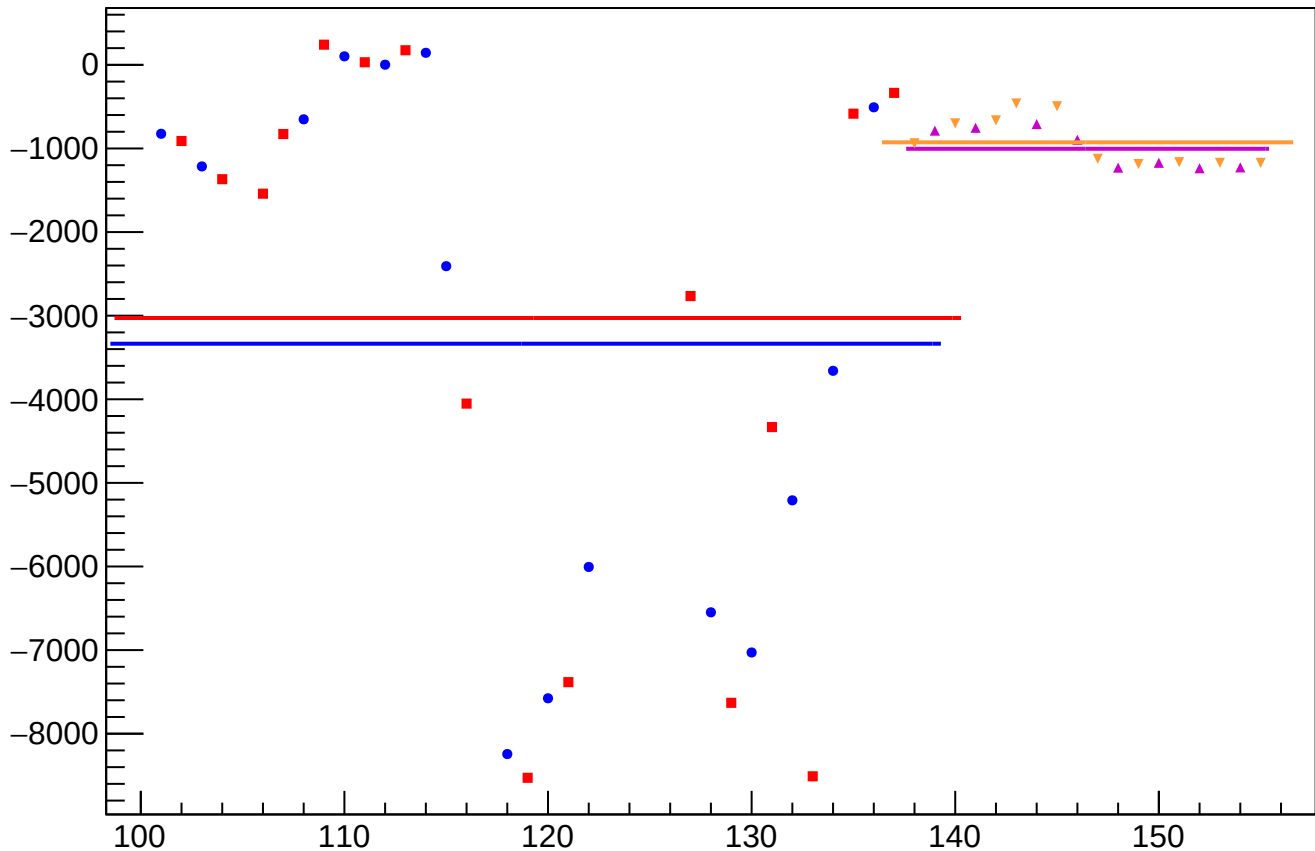
Left In: 1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7

+ sign 1091.753+/-0.000 χ^2/NDF : 88475274667938

All: 1090.318+/-0.000 χ^2/NDF : 19753451523

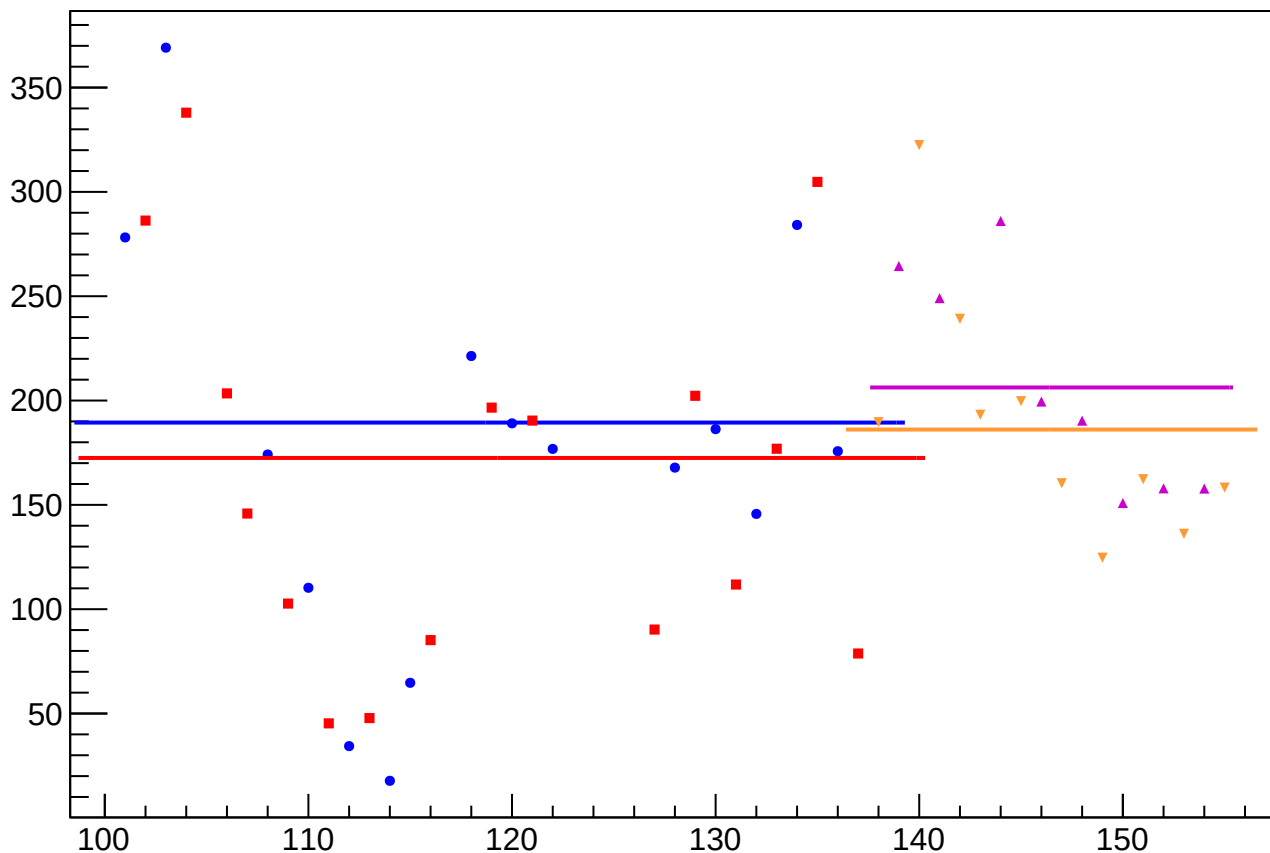
- sign 1088.830+/-0.000 χ^2/NDF : 10905334376180

dit_sam8_coil7_mean vs Slug



Right In: -3335.273 ± 0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -926.490 ± 0.000 χ^2/NDF : 59944963109448085678571919736968314880.0/9
 Right Out: -2037.577 ± 0.000 χ^2/NDF : 8426718576861
 Left In: -1003.799 ± 0.000 χ^2/NDF : 33892099323504415761876572464297803776.0/7
 All: -2018.784 ± 0.000 χ^2/NDF : 1693588454
 - sign -1999.284 ± 0.000 χ^2/NDF : 85081533996116

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442 $\pm$ 0.000 χ^2 /NDF: 4707234253929700721726064108794544128.0/14

+ sign 187.646 $\pm$ 0.000 χ^2 /NDF: 706990346127834

Left Out: 186.108 $\pm$ 0.000 χ^2 /NDF: 2358783453032165014597917257651716096.0/9

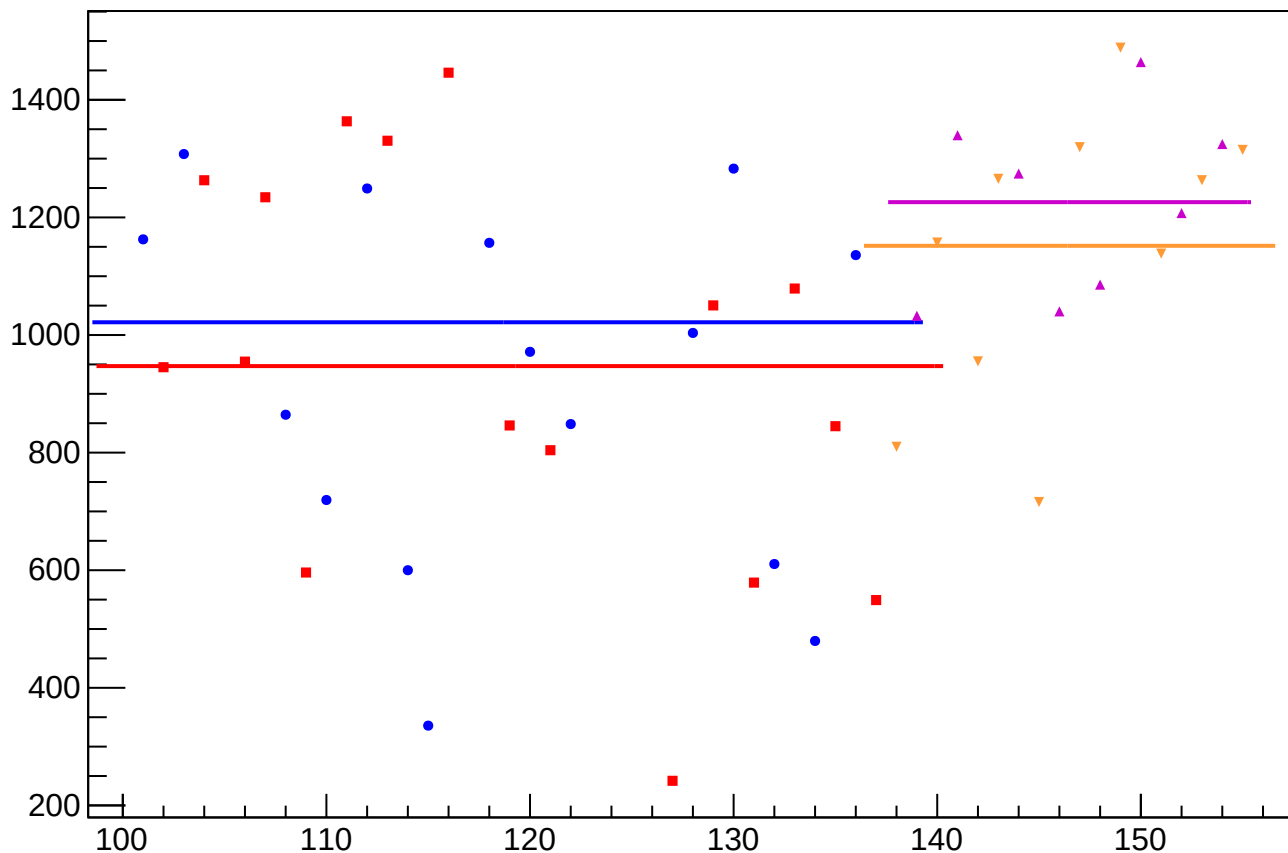
All: 188.630 $\pm$ 0.000 χ^2 /NDF: 147675610367

Right Out: 172.485 $\pm$ 0.000 χ^2 /NDF: 5594813408996728261938711470404534272.0/15

- sign 189.651 $\pm$ 0.000 χ^2 /NDF: 769488084000800

Left In: 206.269 $\pm$ 0.000 χ^2 /NDF: 1713244451129827013884458631549681664.0/7

dit_sam8_coil7_Ndata_mean vs Slug



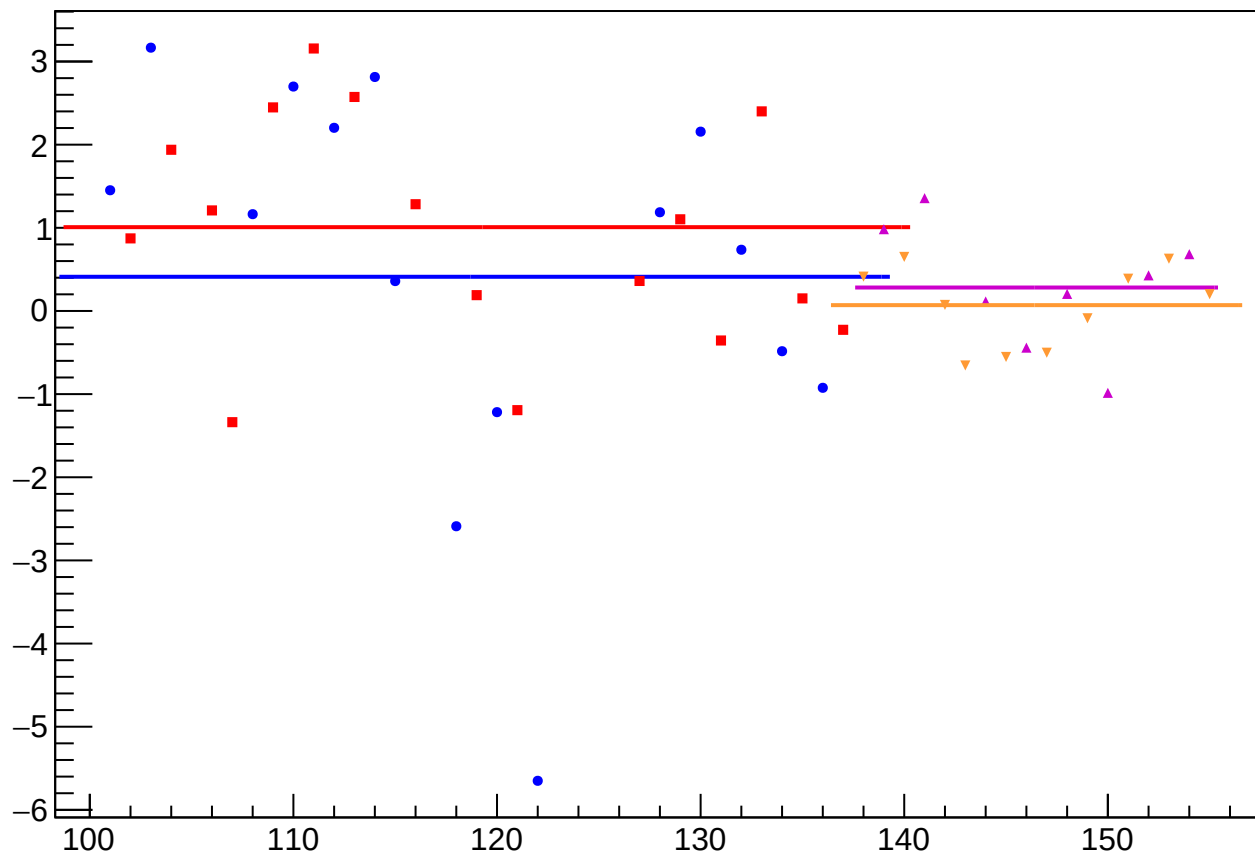
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1151.745+/-0.000 χ^2/NDF : 42067705374934767749155565762701688832.0/9

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

Left In: 1225.991+/-0.000 χ^2/NDF : 14916675602968721754329681431453761536.0/7

dit_4aX_coil4_mean vs Slug



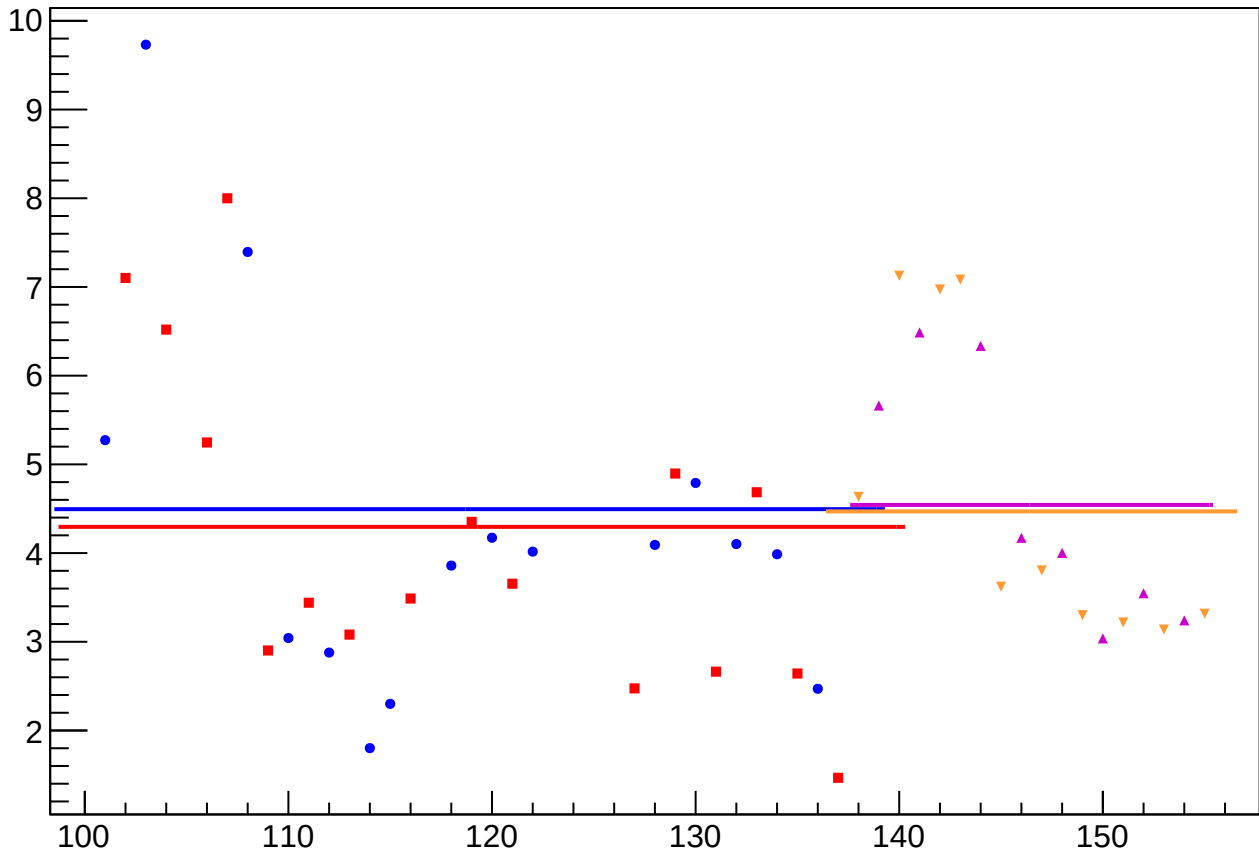
Right In: 0.411+/-0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14

Left Out: 0.070+/-0.000 χ^2/NDF : 166786689974121244586141414326272.0/9

Right Out: 1.008+/-0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15

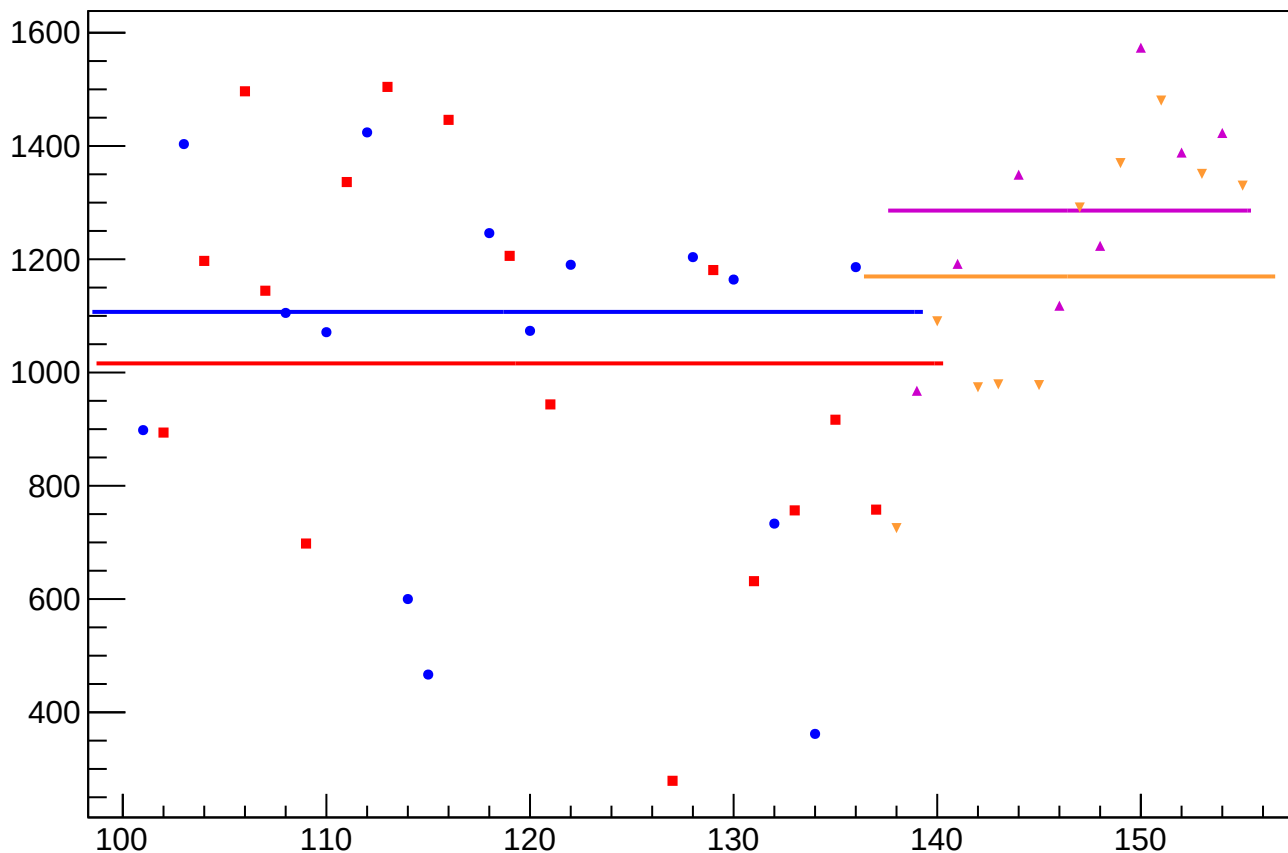
Left In: 0.282+/-0.000 χ^2/NDF : 346618257383564375950487378198528.0/7

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 2742240072441097531500728791597056.0/14
 Left Out: 4.470 $\pm$ 0.000 χ^2 /NDF: 1912244248140272761437199689318400.0/9
 Right Out: 4.296 $\pm$ 0.000 χ^2 /NDF: 2011925707062051890381007475441664.0/15
 Left In: 4.543 $\pm$ 0.000 χ^2 /NDF: 1187866189433418561969582929608704.0/7

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

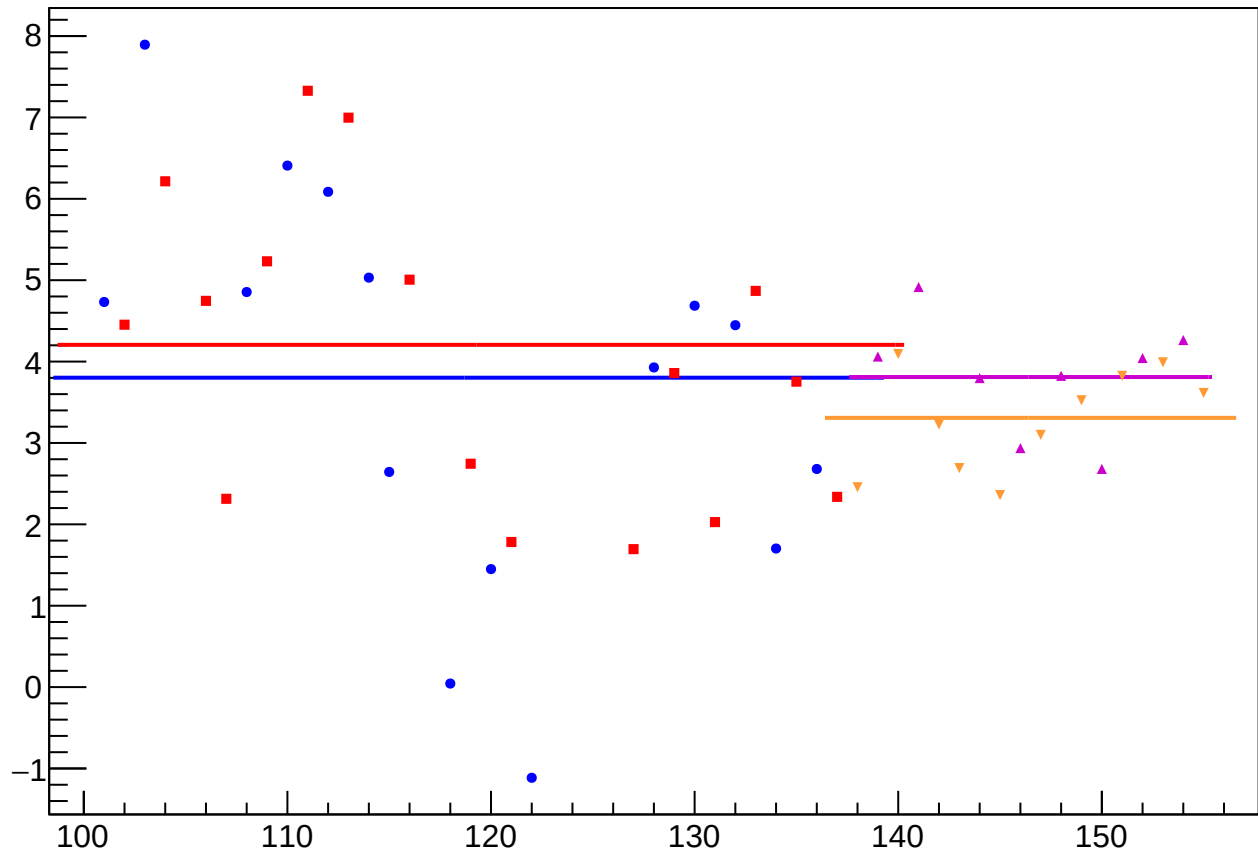
Left In: 1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7

+ sign 1140.760 $\pm$ 0.000 χ^2 /NDF: 81890056018792

All: 1146.877 $\pm$ 0.000 χ^2 /NDF: 2013361325

- sign 1153.224 $\pm$ 0.000 χ^2 /NDF: 11933880926309

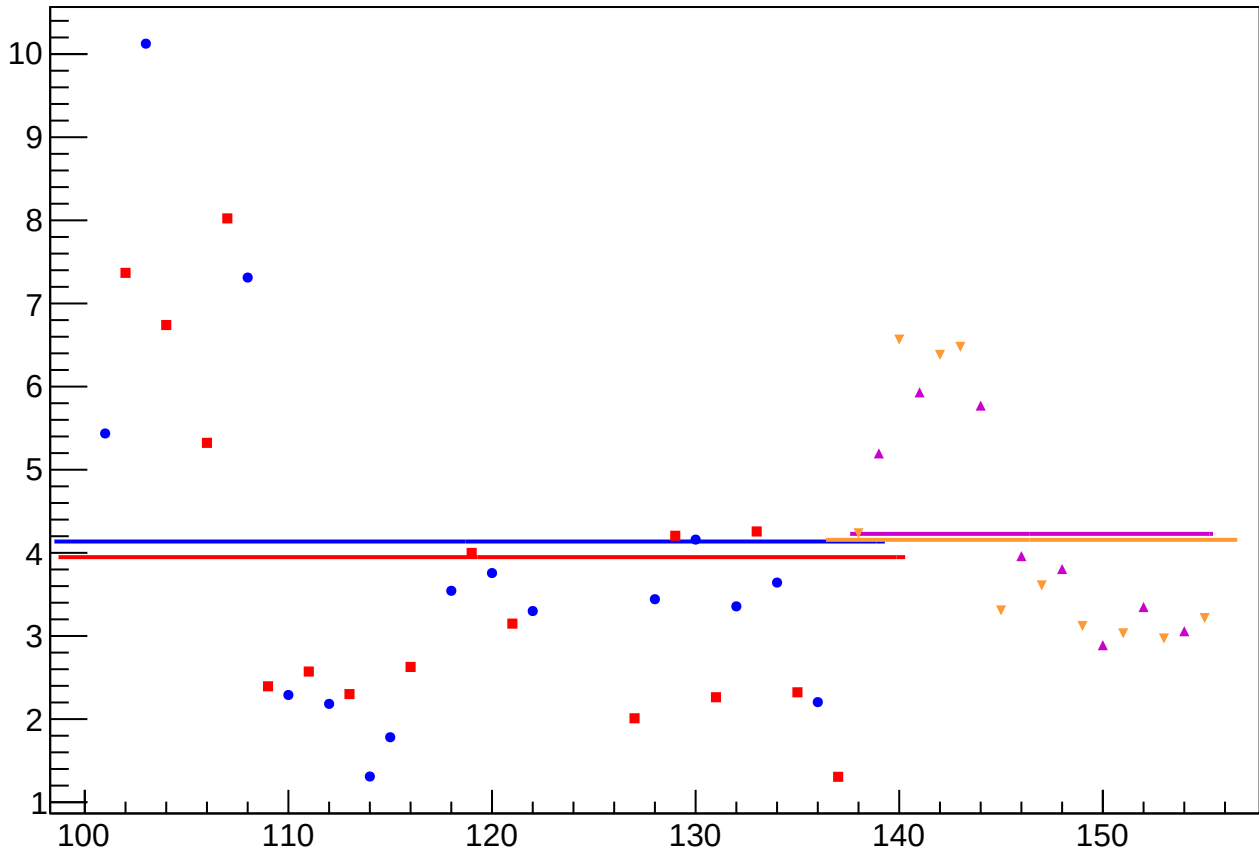
dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 3.308+/-0.000	χ^2/NDF : 280970450477190720932490875240448.0/9
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.810+/-0.000	χ^2/NDF : 311593890516235665265513587539968.0/7

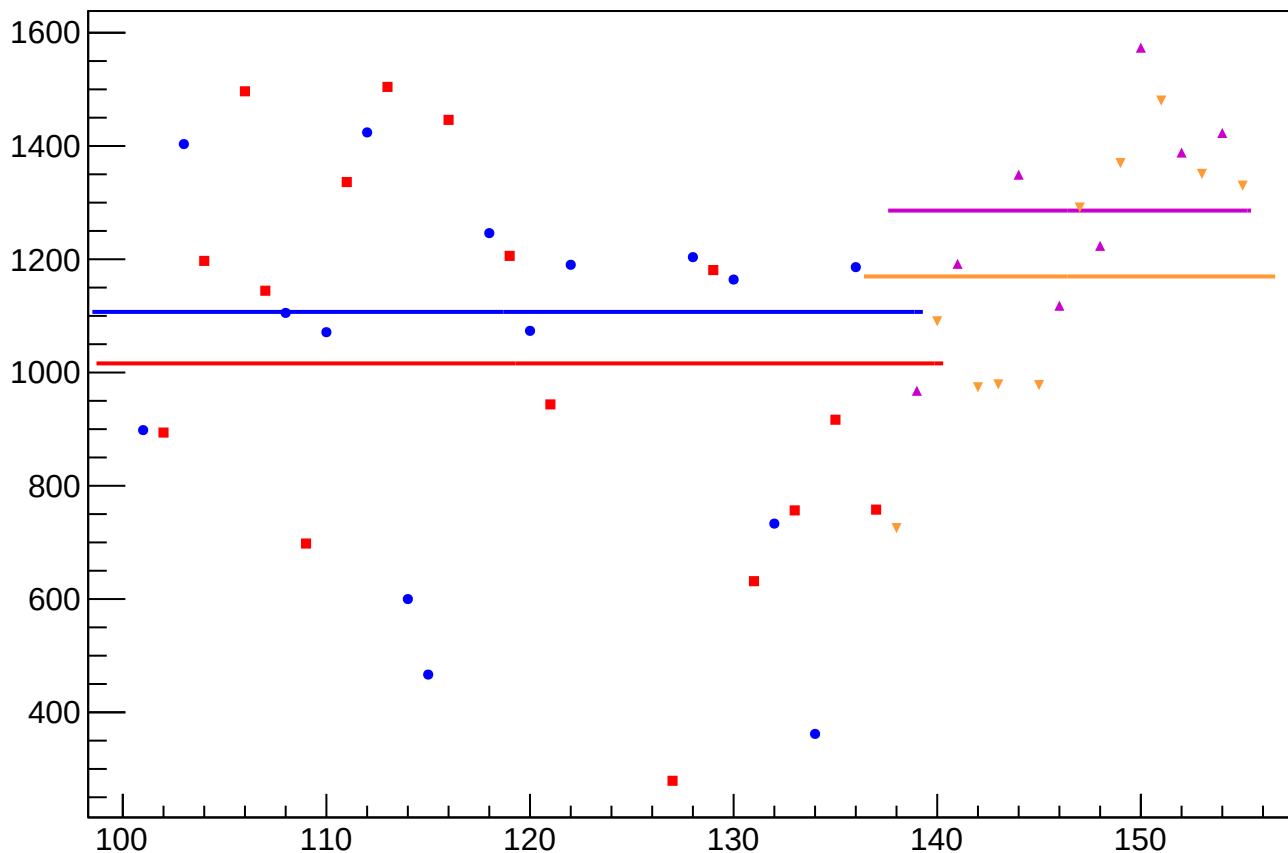
+ sign 3.536+/-0.000 χ^2/NDF : 41615907952562967
 All: 3.766+/-0.000 χ^2/NDF : 67742669995242
 - sign 4.005+/-0.000 χ^2/NDF : 24610477432095444

dit_4eX_coil4_err_mean vs Slug



Right In: 4.136 $\pm$ 0.000 χ^2 /NDF: 3507600624388663919898505496231936.0/14
 Left Out: 4.157 $\pm$ 0.000 χ^2 /NDF: 1525148860712159194607139822764032.0/9
 Right Out: 3.948 $\pm$ 0.000 χ^2 /NDF: 2670176783942302028345551100051456.0/15
 Left In: 4.228 $\pm$ 0.000 χ^2 /NDF: 907722795533699792448624865050624.0/7

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1169.621+/-0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

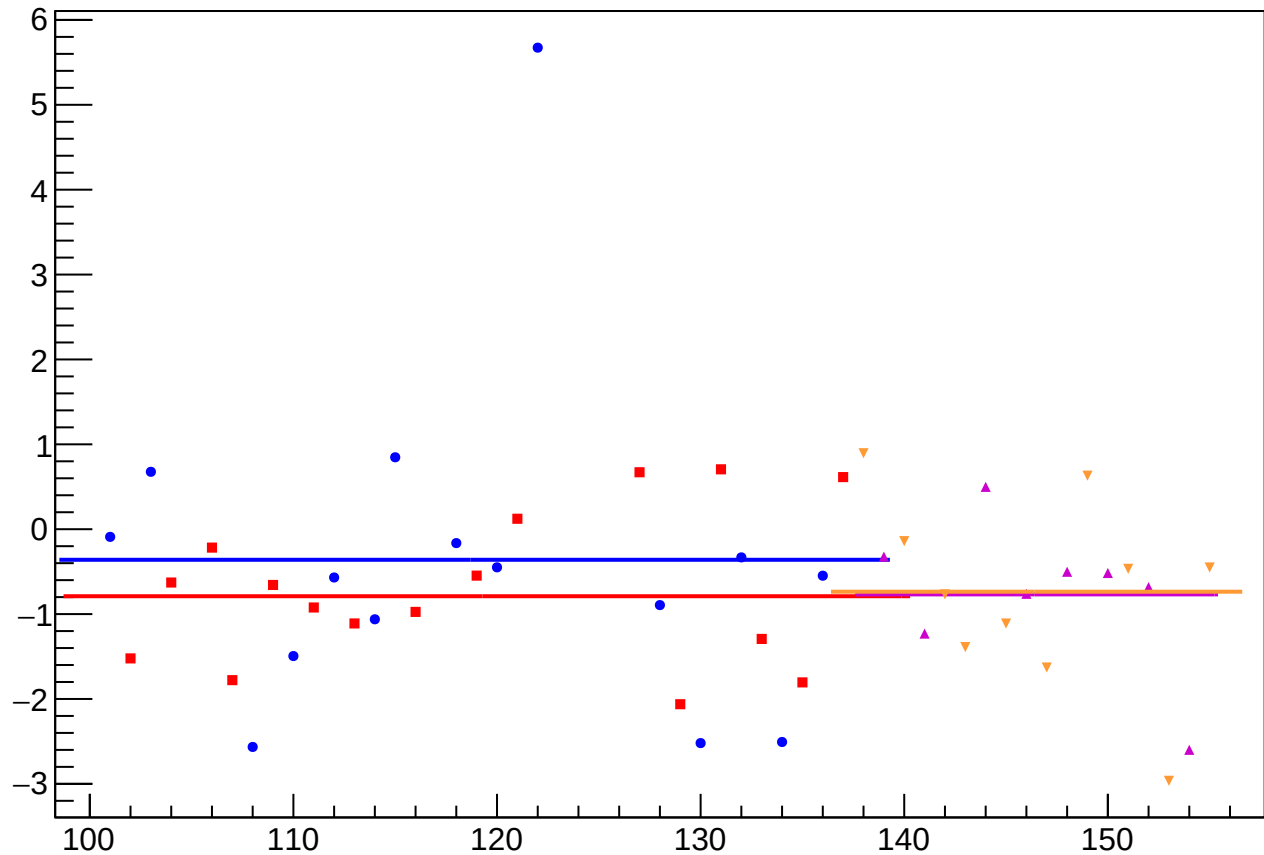
Left In: 1285.964+/-0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7

+ sign 1140.760+/-0.000 χ^2/NDF : 81890056018792

All: 1146.877+/-0.000 χ^2/NDF : 20133613255

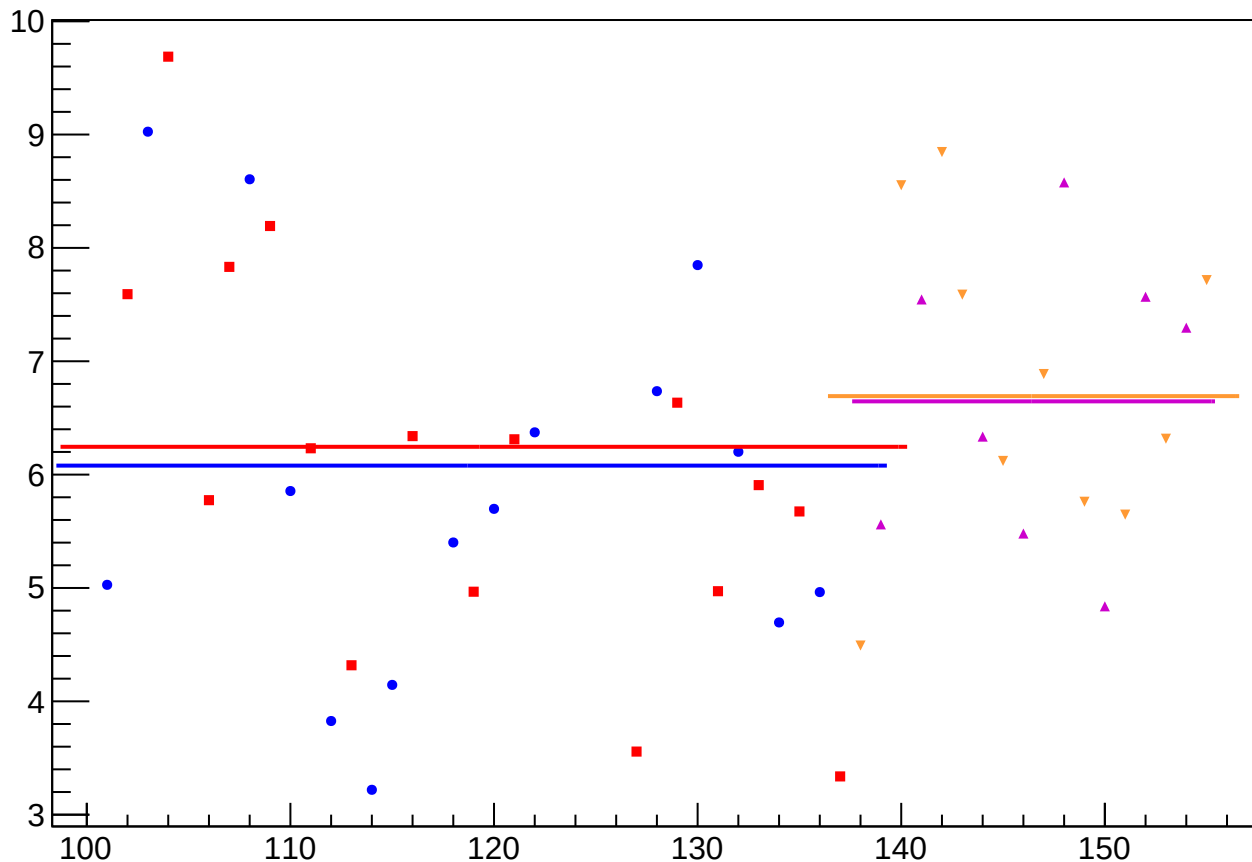
- sign 1153.224+/-0.000 χ^2/NDF : 11933880926309

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14
 Left Out: -0.736+/-0.000 χ^2/NDF : 929775947745588534235139890216960.0/9
 Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15
 Left In: -0.768+/-0.000 χ^2/NDF : 487866371216169074135025779212288.0/7
 All: -0.669+/-0.000 χ^2/NDF : 3159479604486638.0/14
 + sign -0.563+/-0.000 χ^2/NDF : 3159479604486638.0/14
 - sign -0.779+/-0.000 χ^2/NDF : 95110286042290816.0/14

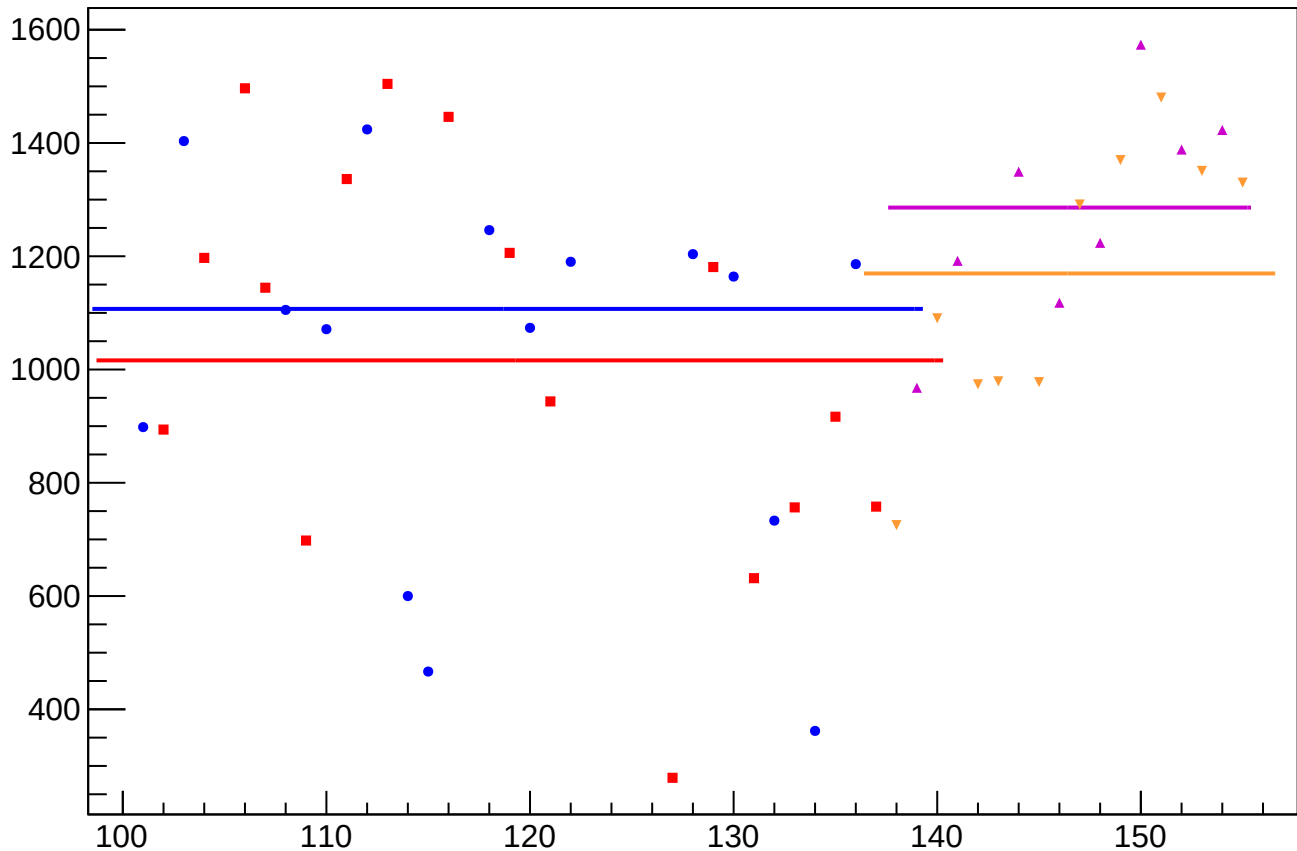
dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079+/-0.000	χ^2/NDF : 1590295171022705157509900448825344.0/14
Left Out: 6.692+/-0.000	χ^2/NDF : 1210590523650859591941588095336448.0/9
Right Out: 6.245+/-0.000	χ^2/NDF : 1816529163105006938510976985595904.0/15
Left In: 6.646+/-0.000	χ^2/NDF : 1008184677736321233740012428722176.0/7

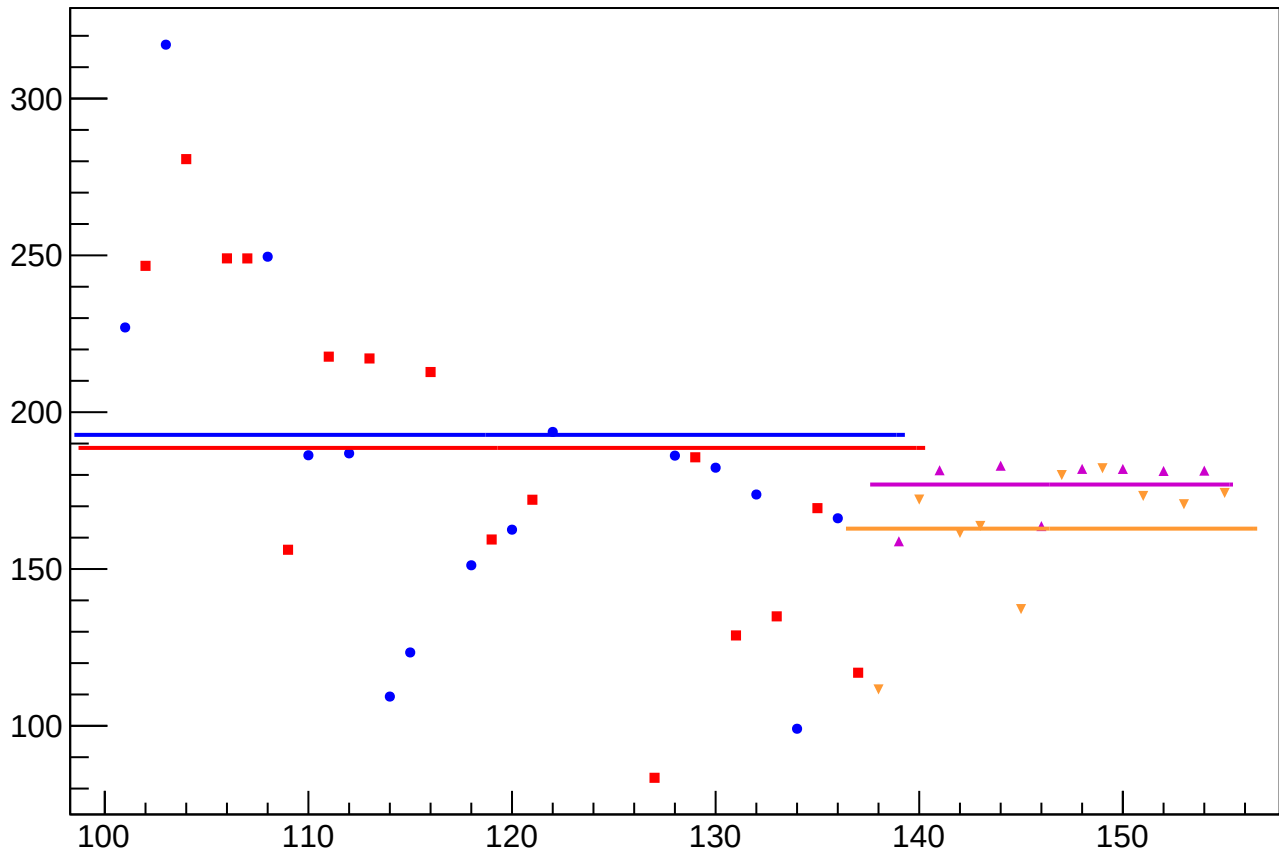
+ sign 6.410+/-0.000 χ^2/NDF : 29322790279715353
 All: 6.429+/-0.000 χ^2/NDF : 58125045084869
 - sign 6.449+/-0.000 χ^2/NDF : 28791566192019764

dit_11X12X_coil4_Ndata_mean vs Slug



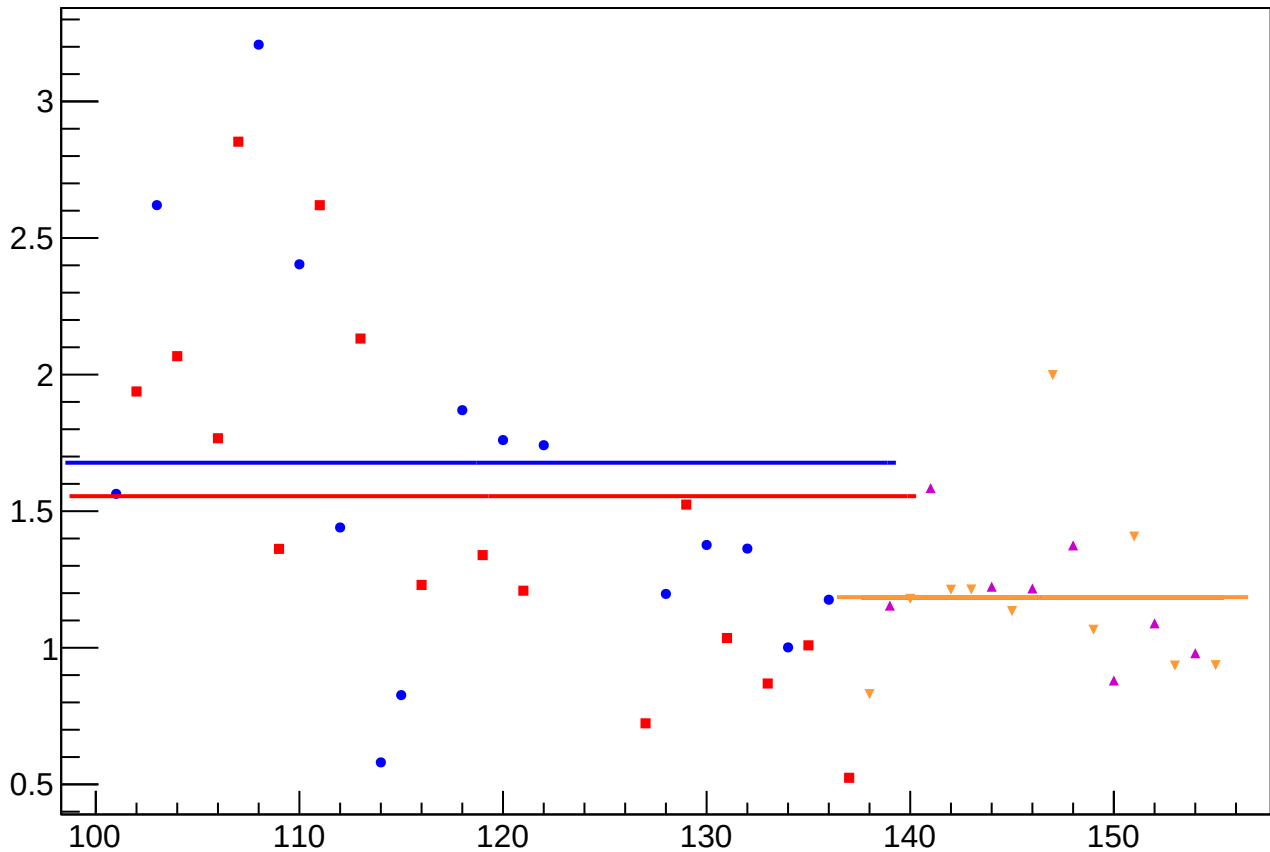
Right In: 1107.052 $\pm$ 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106 $\pm$ 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.964 $\pm$ 0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7
 All: 1146.877 $\pm$ 0.000 χ^2/NDF : 20133613255

dit_4aY_coil4_mean vs Slug



Right In: 192.771 $\pm$ 0.000	χ^2 /NDF: 1640576279746948433391816936236515328.0/14	+ sign 176.664 $\pm$ 0.000	χ^2 /NDF: 229629617969445
Left Out: 162.874 $\pm$ 0.000	χ^2 /NDF: 3432029974087039576156746109943808.0/9	All: 179.617 $\pm$ 0.000	χ^2 /NDF: 434358885374
Right Out: 188.612 $\pm$ 0.000	χ^2 /NDF: 1922342257287674563344204730019610624.0/15	- sign 182.680 $\pm$ 0.000	χ^2 /NDF: 202230700270167
Left In: 176.937 $\pm$ 0.000	χ^2 /NDF: 53772356889557985780430990443806720.0/7		

dit_4aY_coil4_err_mean vs Slug



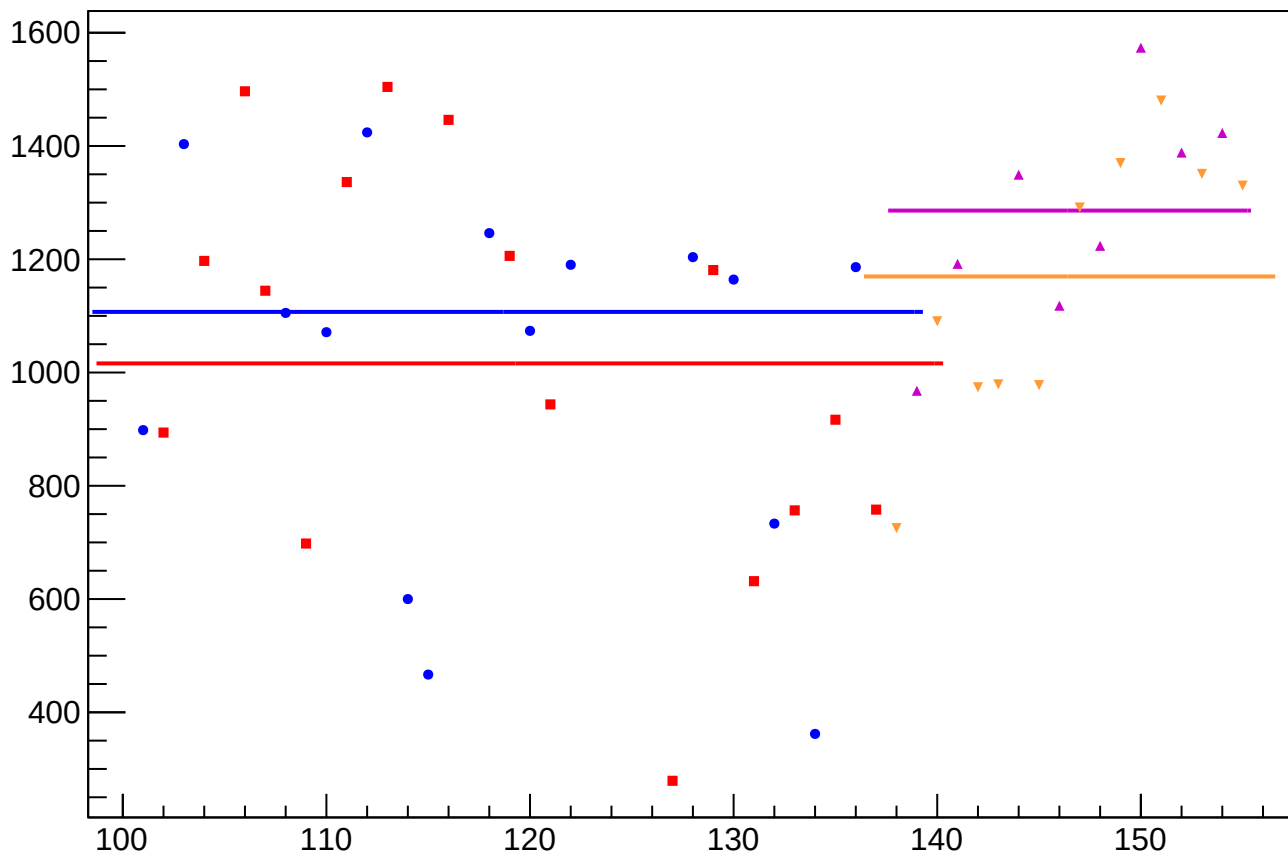
Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.185 $\pm$ 0.000 χ^2 /NDF: 76944373559021292302778517946368.0/9

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

Left In: 1.184 $\pm$ 0.000 χ^2 /NDF: 29871351572643578316808651800576.0/7

dit_4aY_coil4_Ndata_mean vs Slug



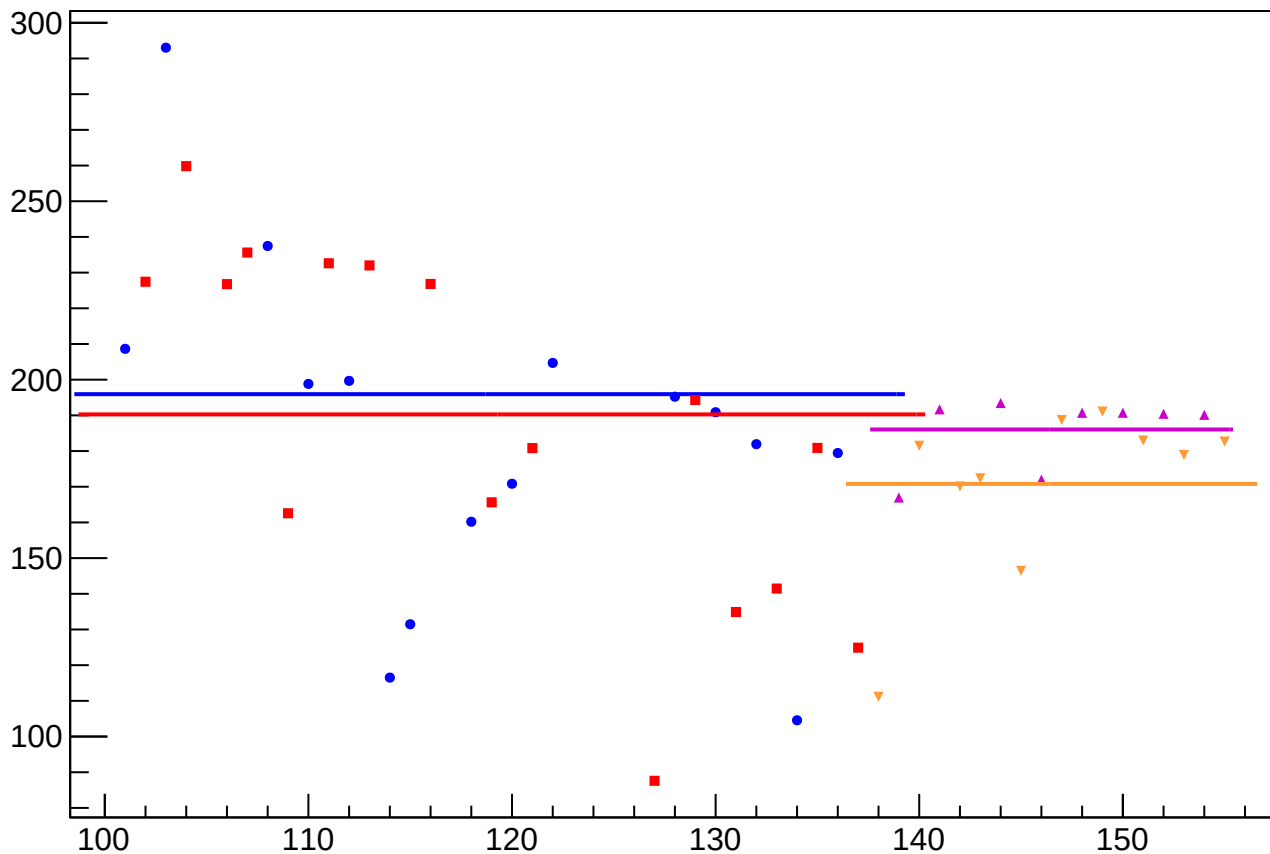
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

Left In: 1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7

dit_4eY_coil4_mean vs Slug



Right In: 195.940 $\pm$ 0.000 χ^2 /NDF: 1057891079869089572370479093183938560.0/14

Left Out: 170.793 $\pm$ 0.000 χ^2 /NDF: 423093183814894389696480435857522688.0/9

Right Out: 190.268 $\pm$ 0.000 χ^2 /NDF: 1468473073667973330267084234323656704.0/15

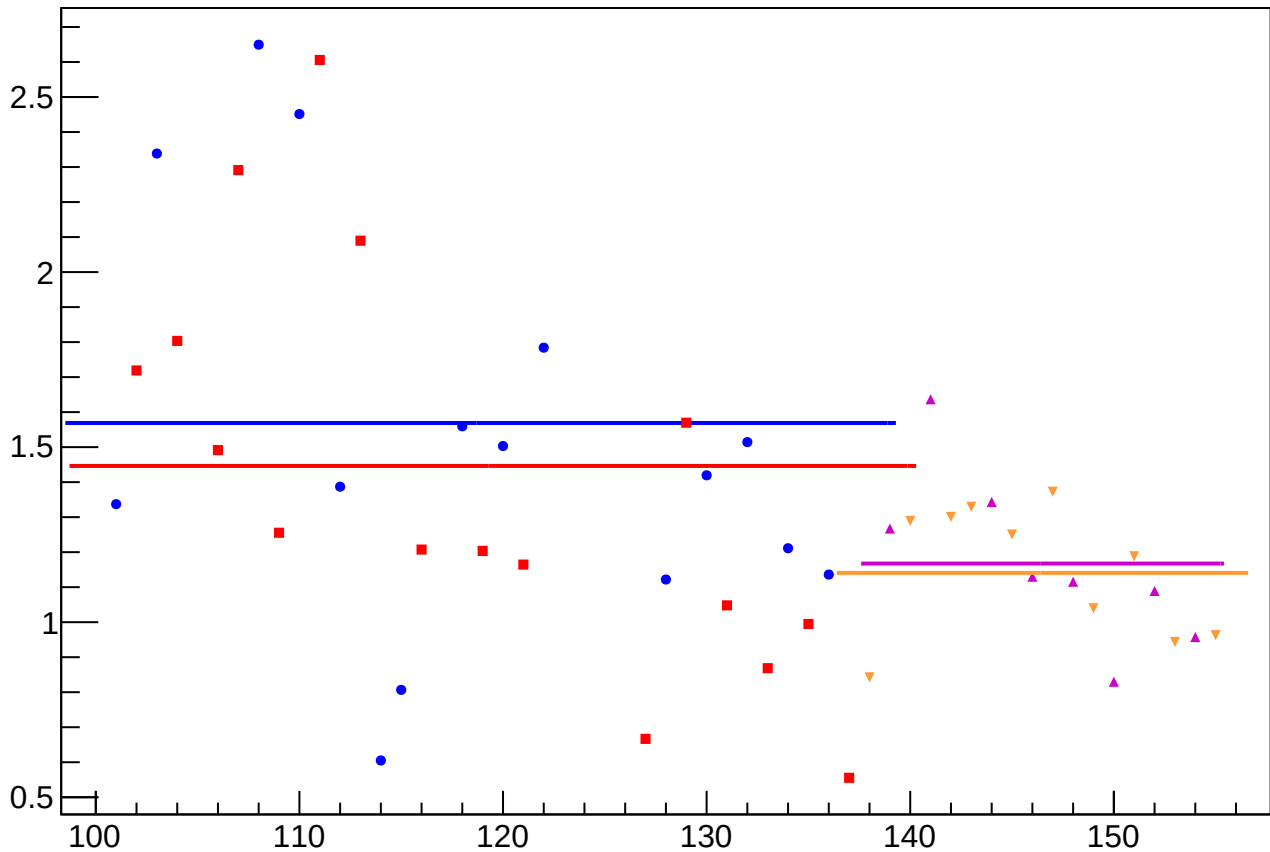
Left In: 186.043 $\pm$ 0.000 χ^2 /NDF: 60454506696130082040912568037408768.0/7

+ sign 182.393 $\pm$ 0.000 χ^2 /NDF: 170209160883155

All: 185.204 $\pm$ 0.000 χ^2 /NDF: 325972771672

- sign 188.121 $\pm$ 0.000 χ^2 /NDF: 153497606767634

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.141 $\pm$ 0.000 χ^2 /NDF: 24362015302072619236194749775872.0/9

Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15

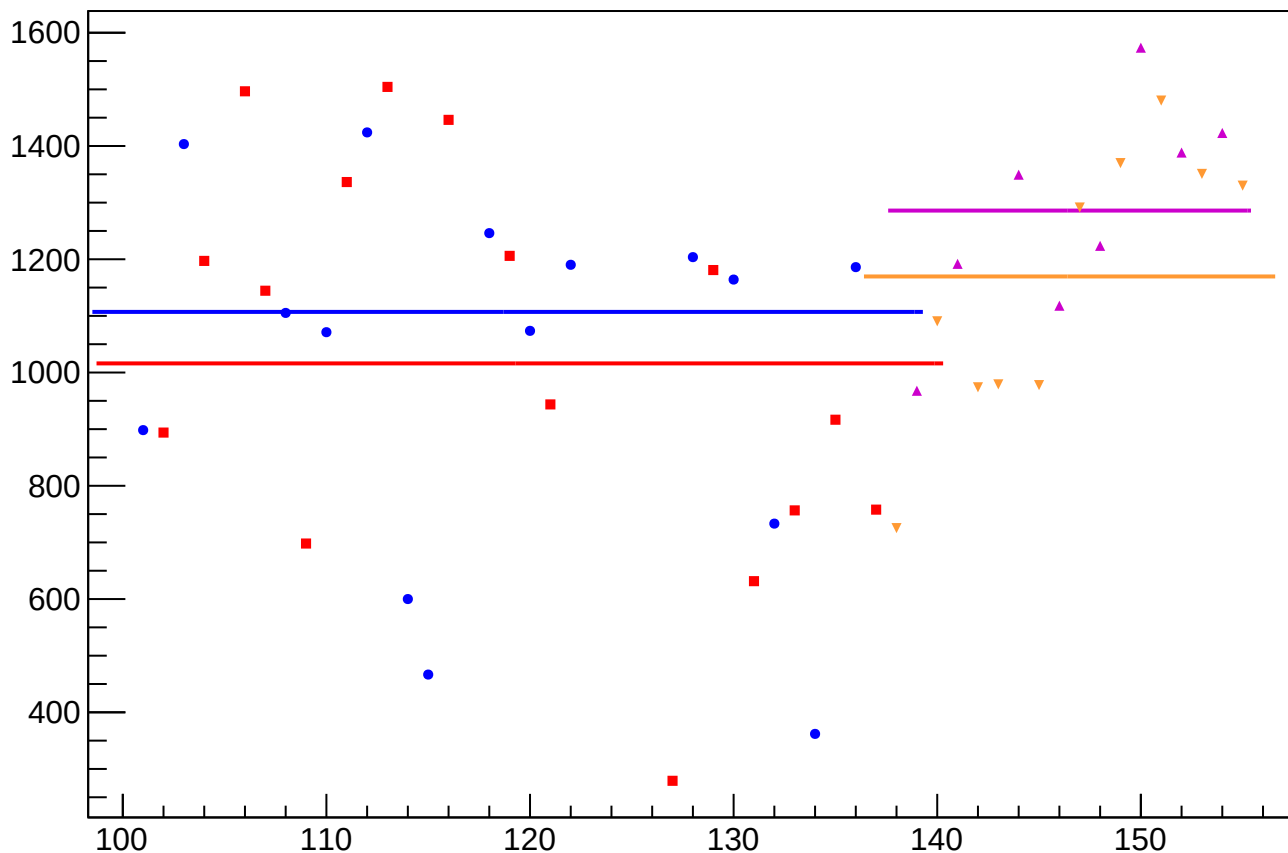
Left In: 1.167 $\pm$ 0.000 χ^2 /NDF: 37448940717677712094004391182336.0/7

+ sign 1.338 $\pm$ 0.000 χ^2 /NDF: 25131288609051377

All: 1.322 $\pm$ 0.000 χ^2 /NDF: 5122100759709

- sign 1.305 $\pm$ 0.000 χ^2 /NDF: 26011211106809610

dit_4eY_coil4_Ndata_mean vs Slug



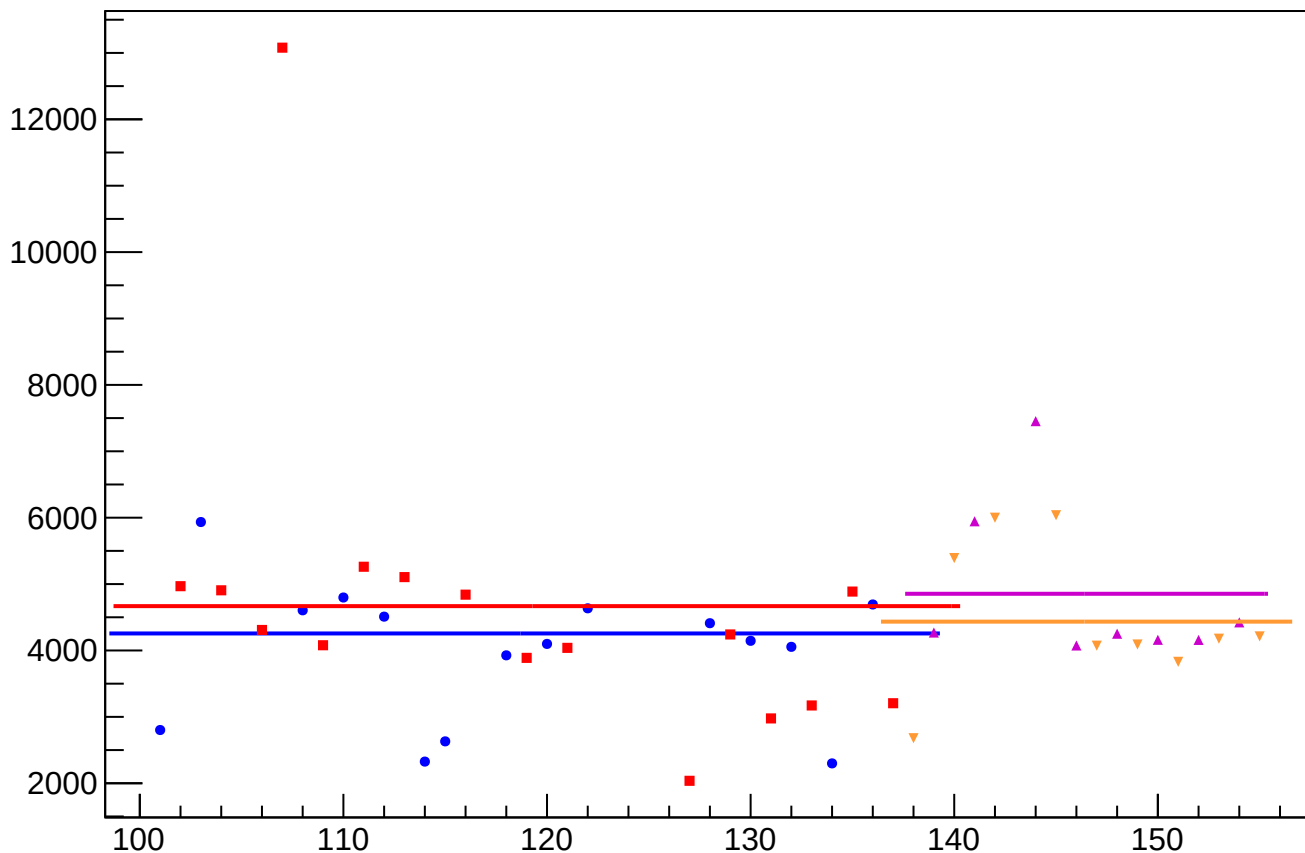
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

Left In: 1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7

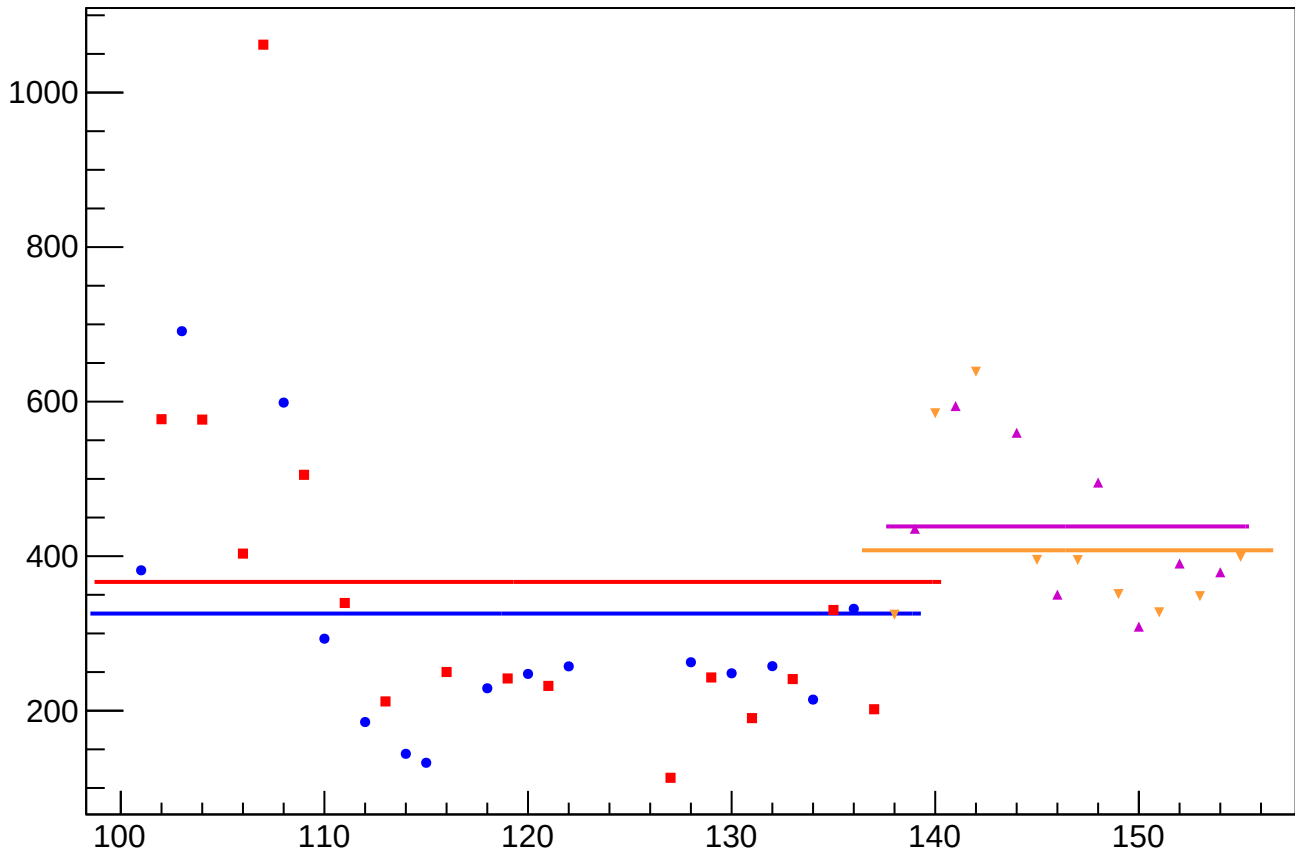
dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14
Left Out: 4434.350+/-0.000	χ^2/NDF : 694328209820549335512368133686800941056.0/8
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15
Left In: 4853.854+/-0.000	χ^2/NDF : 913561724477843792427407081787495546880.0/7

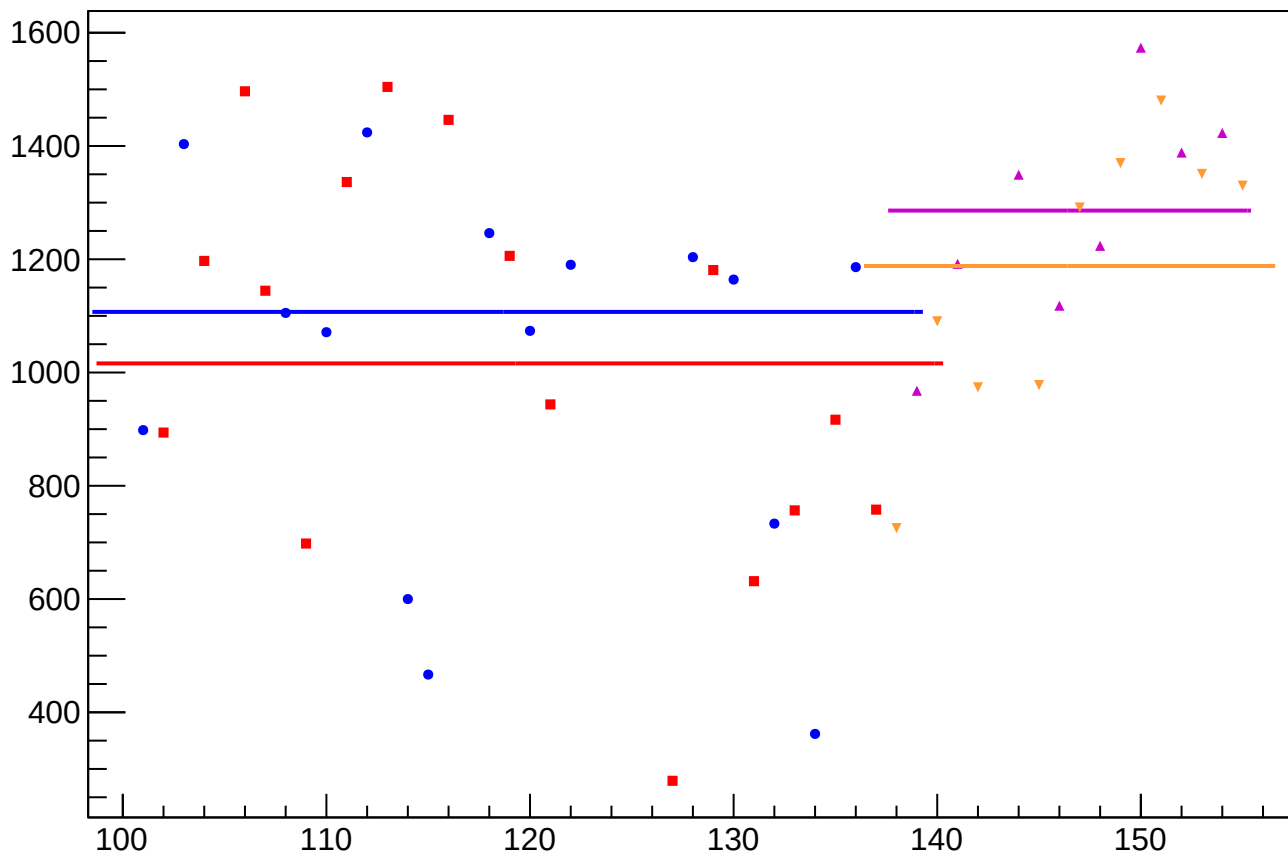
+ sign 4348.157+/-0.000 χ^2/NDF : 1203533043454
 All: 4556.484+/-0.000 χ^2/NDF : 54463732878
 - sign 4762.352+/-0.000 χ^2/NDF : 41272149814645

dit_usl_coil4_err_mean vs Slug



Right In: 325.732 $\pm$ 0.000 χ^2 /NDF: 14633359567940244123897242769854300160.0/14
 Left Out: 407.592 $\pm$ 0.000 χ^2 /NDF: 6673017391490154650070820352704905216.0/8
 Right Out: 366.682 $\pm$ 0.000 χ^2 /NDF: 32097250699947956409117440115398934528.0/15
 Left In: 438.468 $\pm$ 0.000 χ^2 /NDF: 6334444531936088440865773421108133888.0/7

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

+ sign 1148.843 $\pm$ 0.000 χ^2 /NDF: 80051623094130

Left Out: 1188.094 $\pm$ 0.000 χ^2 /NDF: 37219755321239091779707240009091252224.0/8

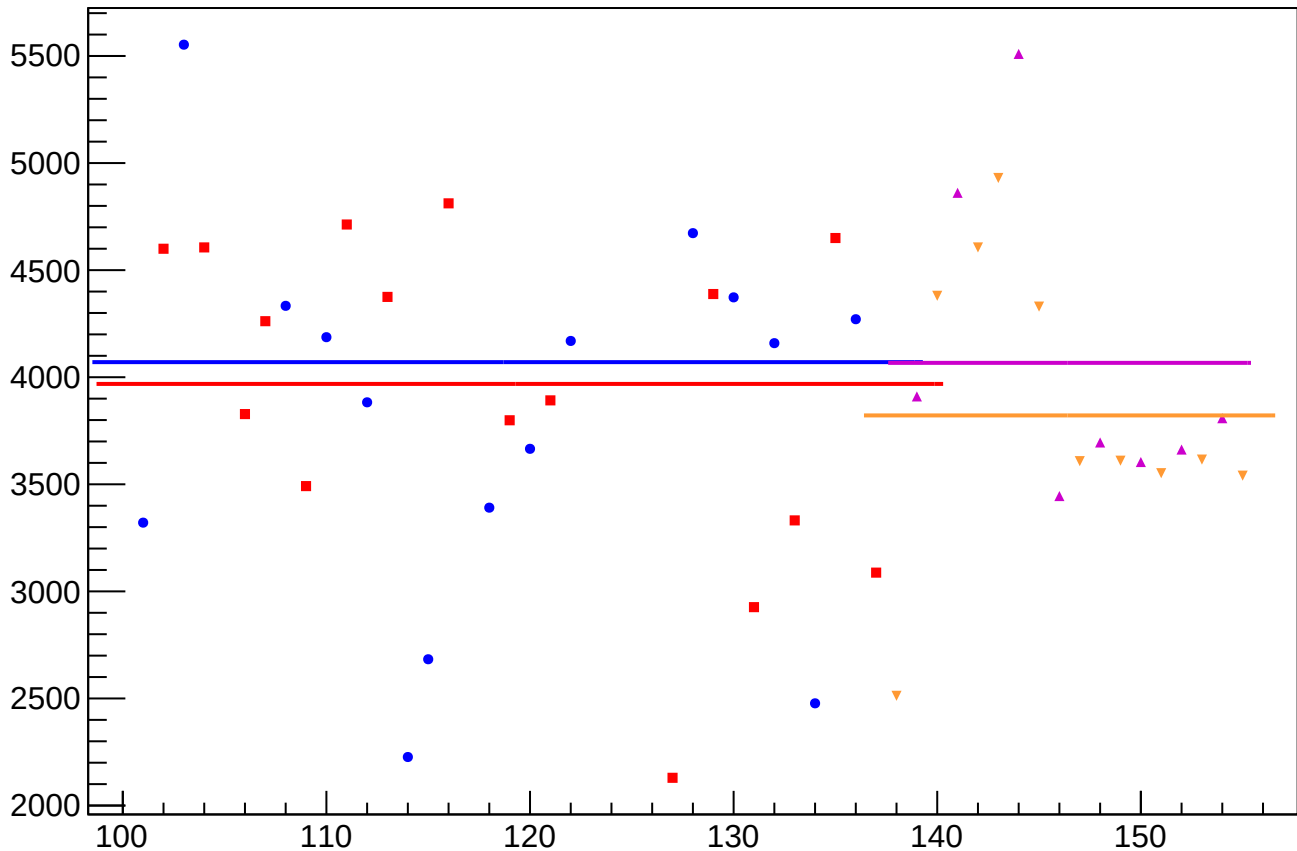
All: 1151.047 $\pm$ 0.000 χ^2 /NDF: 19940336753

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

- sign 1153.224 $\pm$ 0.000 χ^2 /NDF: 11933880926309

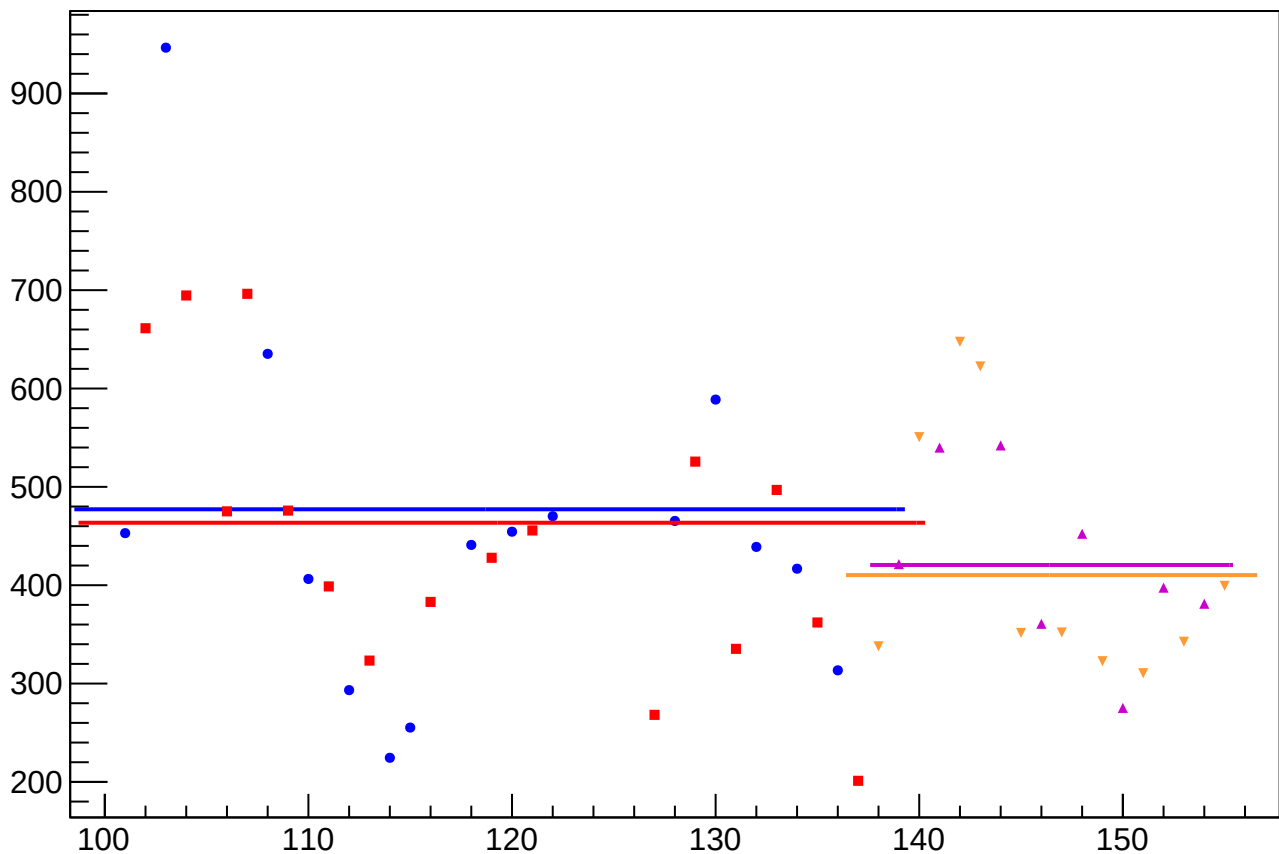
Left In: 1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7

dit_usr_coil4_mean vs Slug



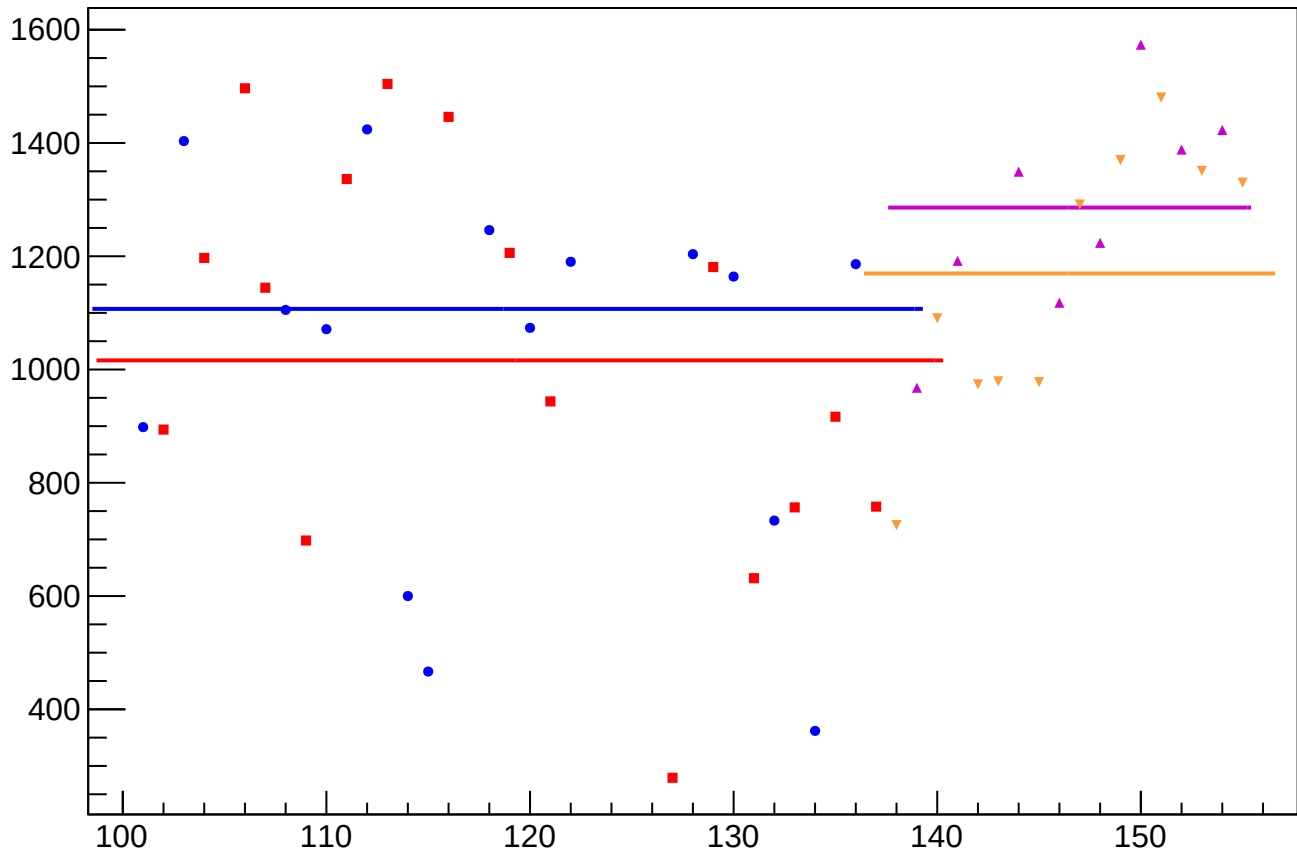
Right In: 4070.444+/-0.000 χ^2/NDF : 343281875282695739956383156295247593472.0/14
 Left Out: 3821.641+/-0.000 χ^2/NDF : 313729403857991854740934871889735581696.0/9
 Right Out: 3968.723+/-0.000 χ^2/NDF : 359955880326194784467353369492594884608.0/15
 Left In: 4067.070+/-0.000 χ^2/NDF : 324224344079754271195207744179536920576.0/7

dit_usr_coil4_err_mean vs Slug



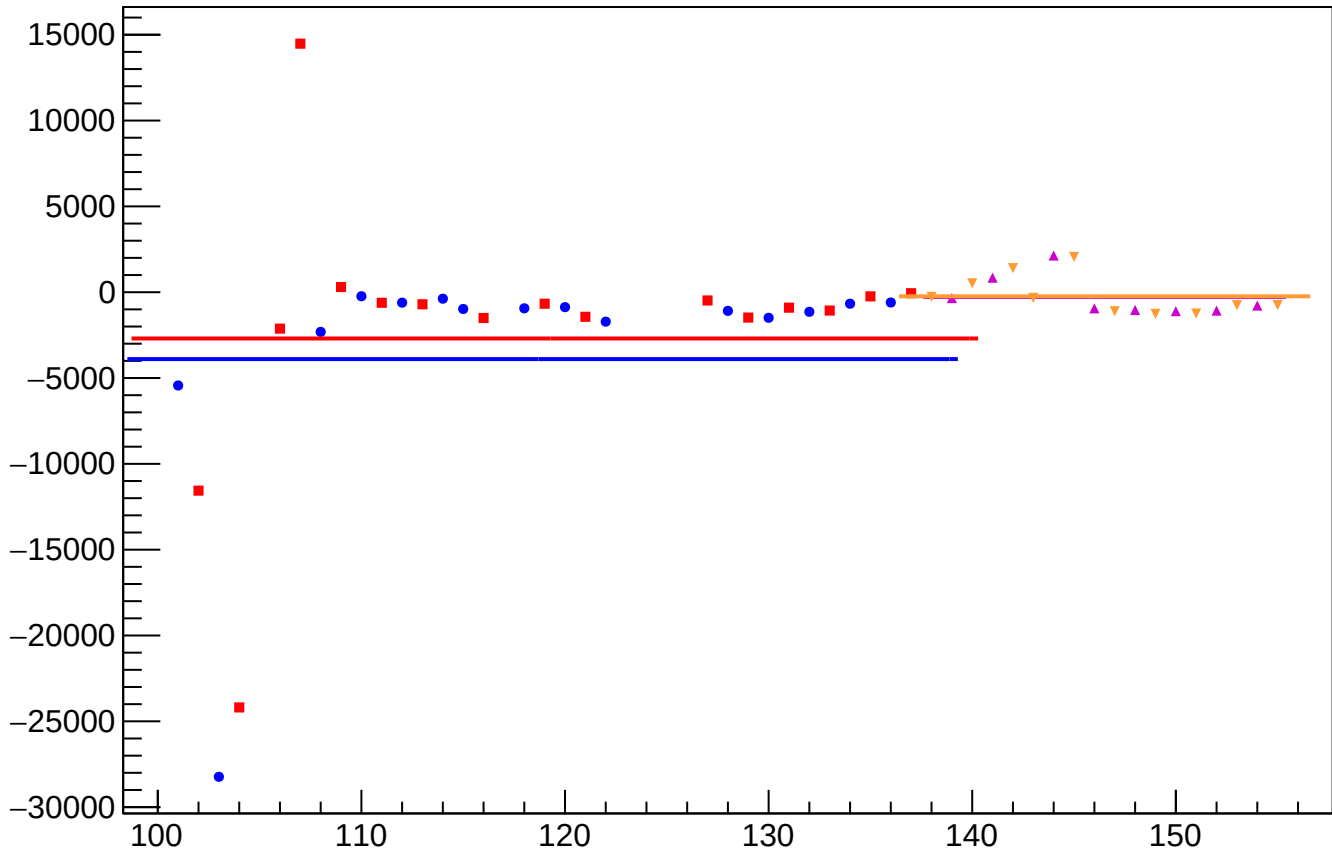
Right In: 477.186+/-0.000 χ^2/NDF : 20455719931758379978892605184974782464.0/14
 Left Out: 410.273+/-0.000 χ^2/NDF : 9982304087303197529476613493147828224.0/9
 Right Out: 463.513+/-0.000 χ^2/NDF : 12556777931069903370031832388184571904.0/15
 Left In: 420.572+/-0.000 χ^2/NDF : 5012795214821043410004385734986825728.0/7

dit_usr_coil4_Ndata_mean vs Slug



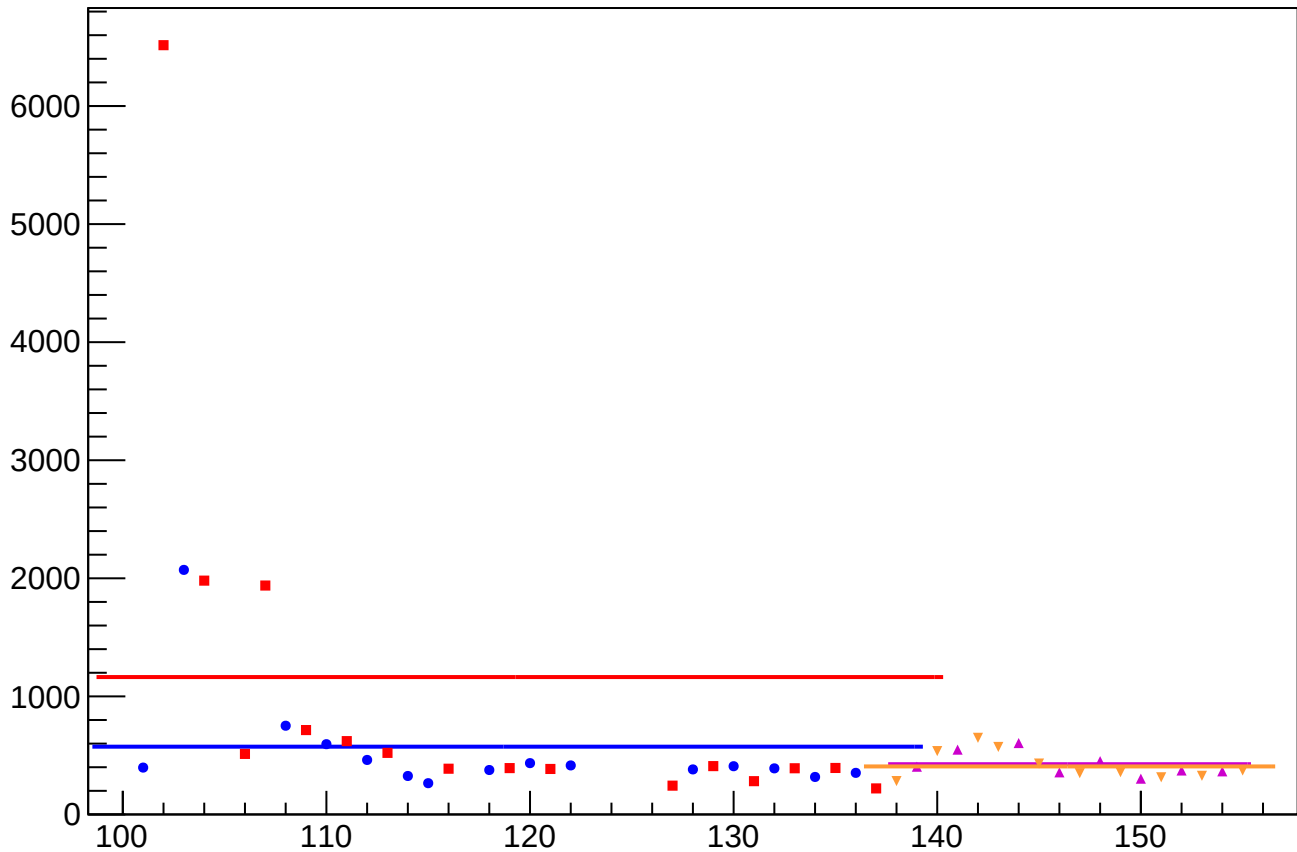
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7

dit_atl1_coil4_mean vs Slug



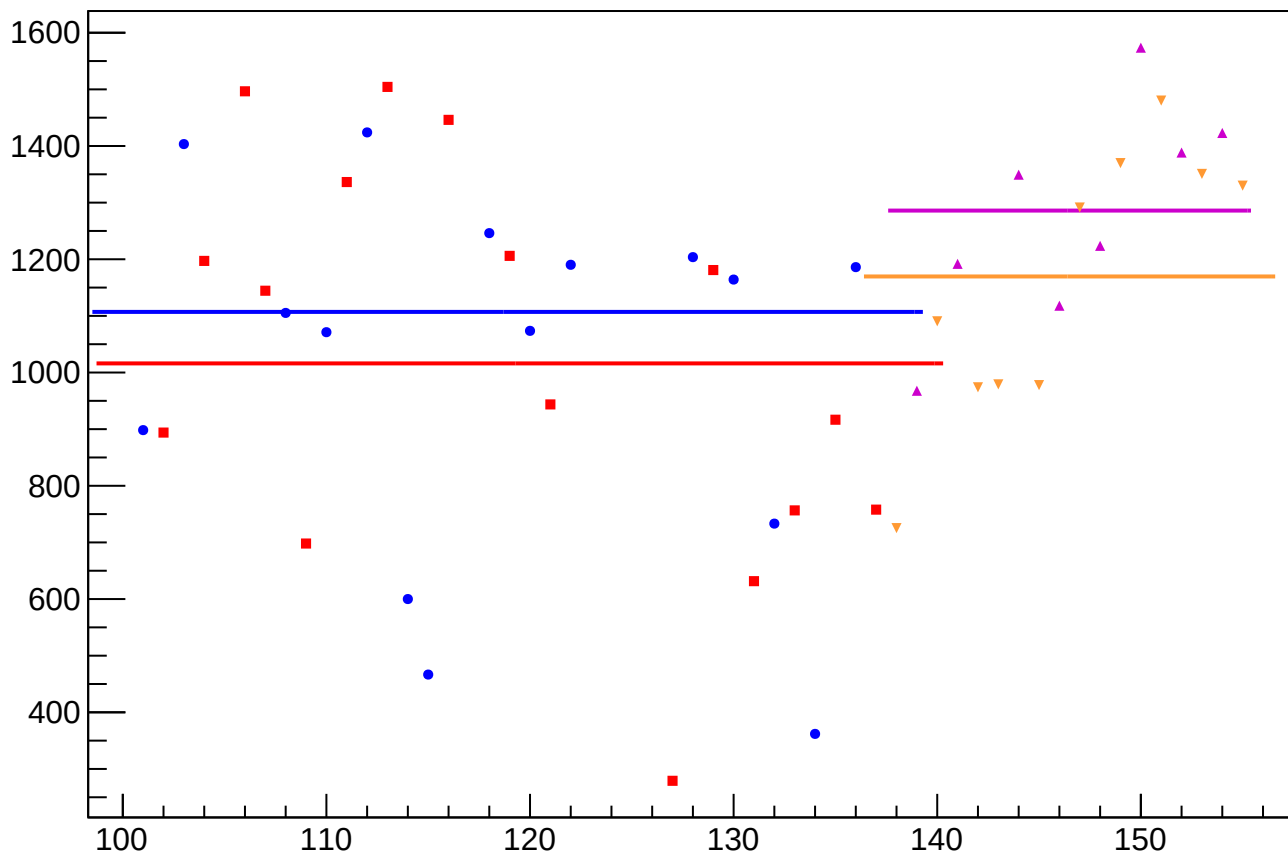
Right In: -3896.522+/-0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: -240.150+/-0.000 χ^2/NDF : 866072258665903605002973754485020557312.0/9
 Right Out: -2695.992+/-0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: -281.109+/-0.000 χ^2/NDF : 851139848824232486259400396652643614720.0/7

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 406.732+/-0.000 χ^2/NDF : 8896795333451350305127921160051228672.0/9
 Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 425.610+/-0.000 χ^2/NDF : 6579964202031733804996732902724075520.0/7

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14

Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9

Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15

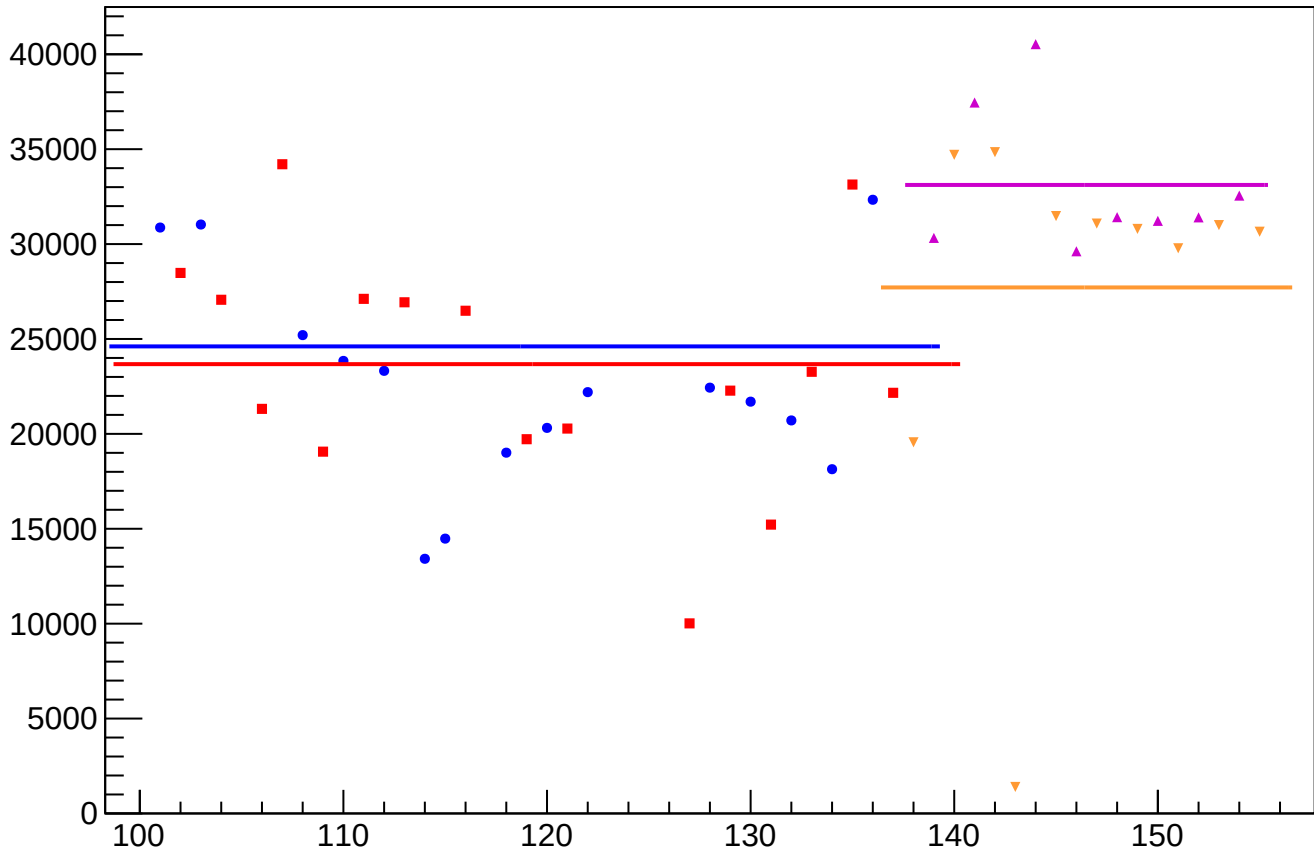
Left In: 1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7

+ sign 1140.760 $\pm$ 0.000 χ^2 /NDF: 81890056018792

All: 1146.877 $\pm$ 0.000 χ^2 /NDF: 2013361325

- sign 1153.224 $\pm$ 0.000 χ^2 /NDF: 11933880926309

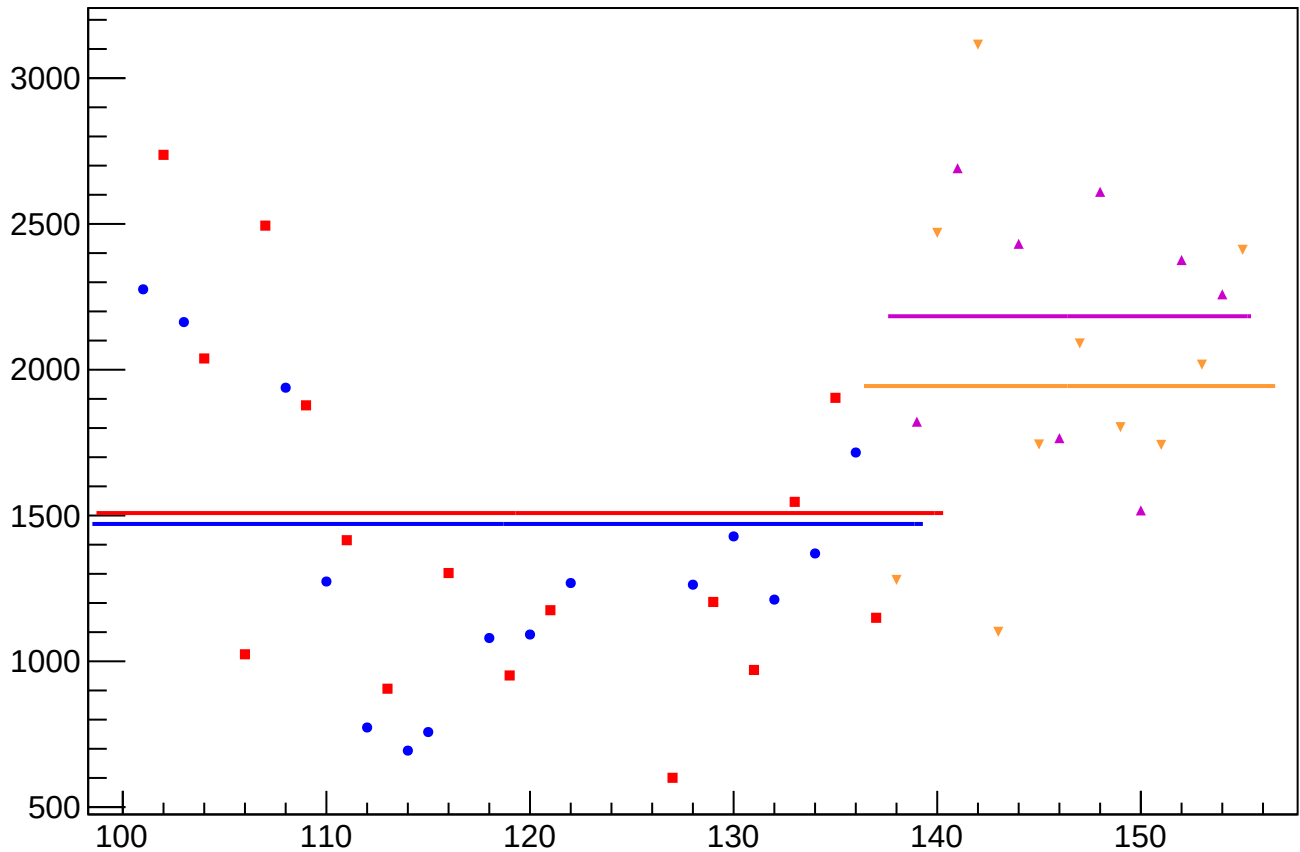
dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14
Left Out: 27715.410+/-0.000	χ^2/NDF : 62702873201141295398031000435784815738880.0/9
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15
Left In: 33115.625+/-0.000	χ^2/NDF : 8994265927939909242815109490597334876160.0/7

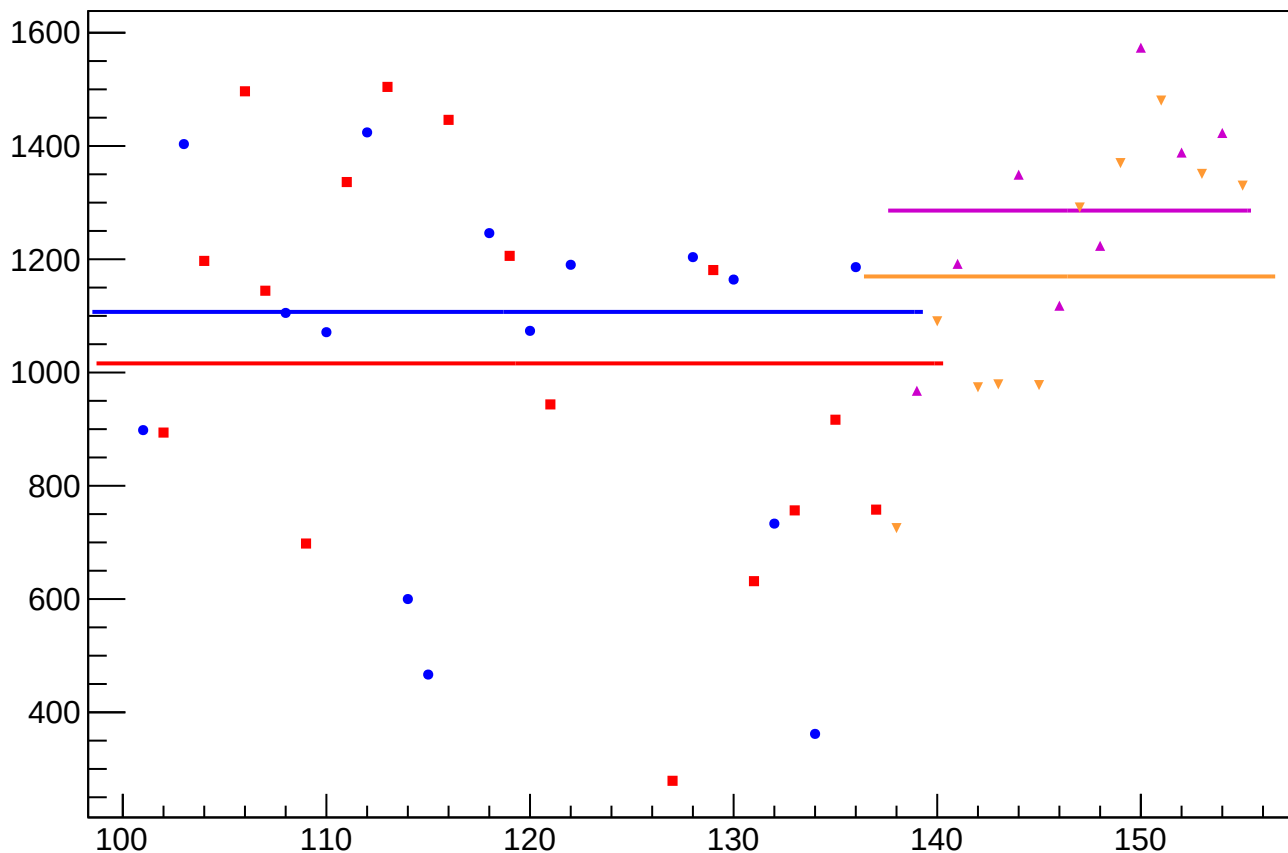
+ sign 26282.421+/-0.000 χ^2/NDF : 8363293273035
 All: 27356.695+/-0.000 χ^2/NDF : 1509724005
 - sign 28471.373+/-0.000 χ^2/NDF : 6403085902027

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14
 Left Out: 1944.057+/-0.000 χ^2/NDF : 195405549723403028913710788288656179200.0/9
 Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15
 Left In: 2183.438+/-0.000 χ^2/NDF : 111883677528505118311873993274636107776.0/7

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

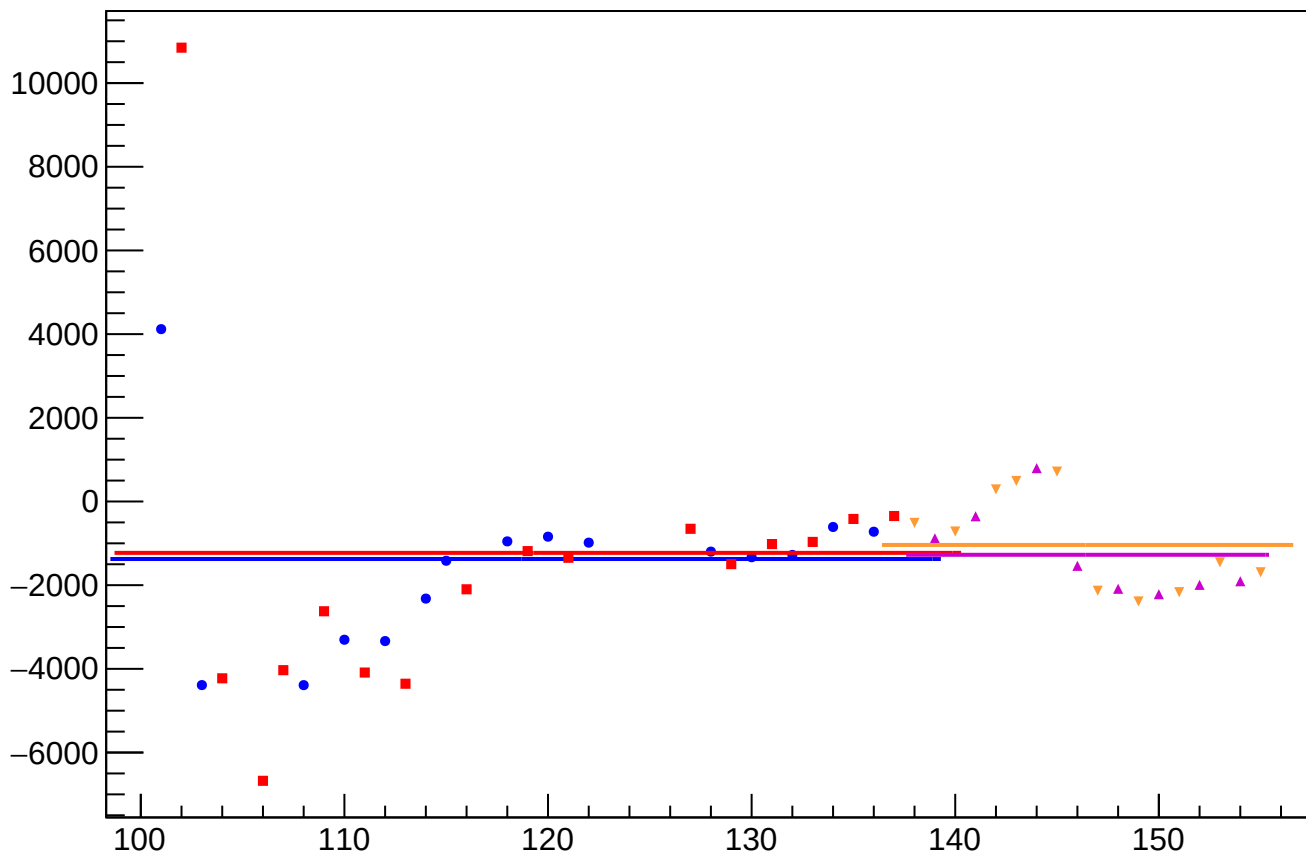
Left Out: 1169.621+/-0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

Left In: 1285.964+/-0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7

All: 1146.877+/-0.000 χ^2/NDF : 20133613255

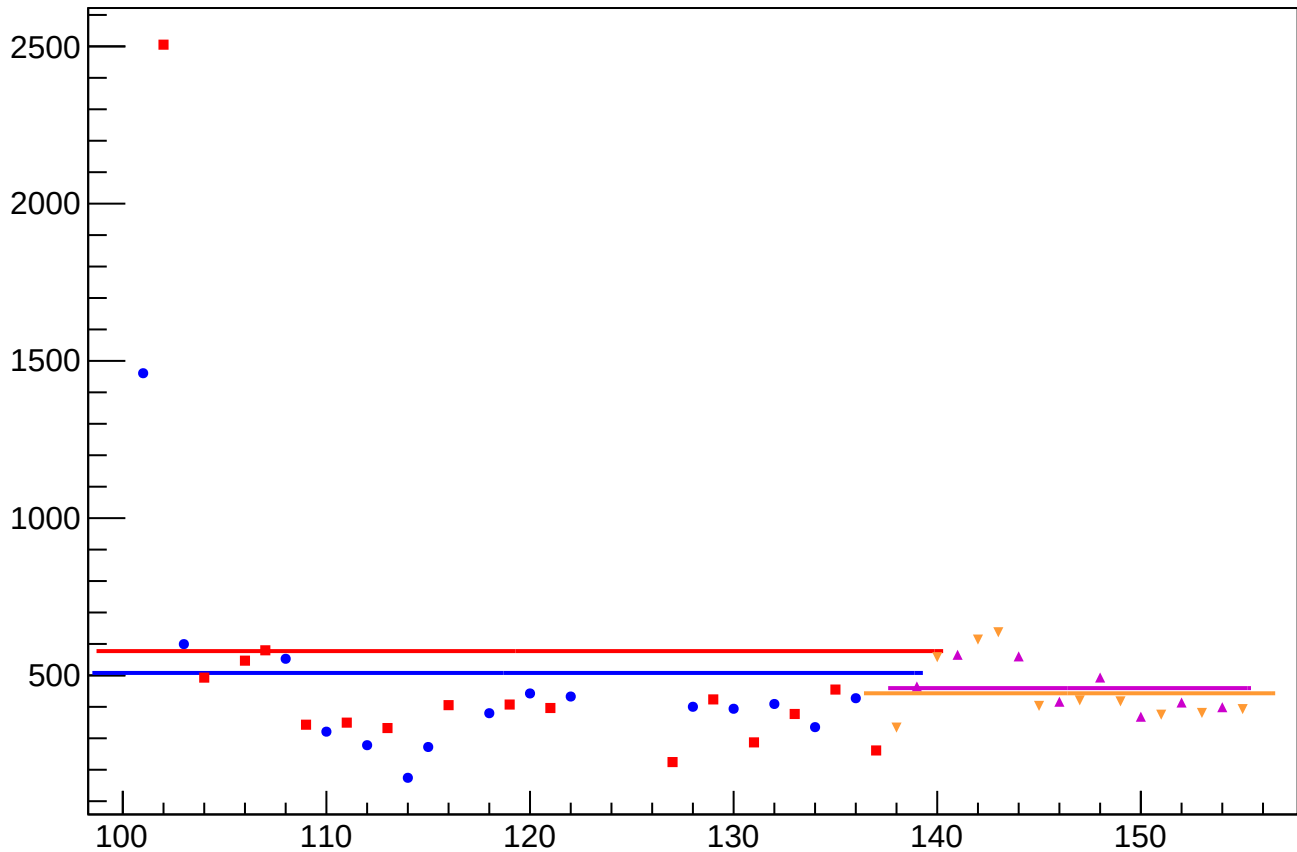
dit_atr1_coil4_mean vs Slug



Right In: -1374.510+/-0.000	χ^2/NDF : 3072775774026573120755024580495322120192.0/14
Left Out: -1038.825+/-0.000	χ^2/NDF : 910316702501731774896652689510252937216.0/9
Right Out: -1227.879+/-0.000	χ^2/NDF : 11115312999926623396466450218448622452736.0/15
Left In: -1274.101+/-0.000	χ^2/NDF : 688574908005051283347985855043797516288.0/7

+ sign -1193.665+/-0.000 χ^2/NDF : 4022491377634
 All: -1221.982+/-0.000 χ^2/NDF : 1582940232
 - sign -1251.365+/-0.000 χ^2/NDF : 11804611977441

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 443.104+/-0.000 χ^2/NDF : 6986812104887376137354052907537793024.0/9

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

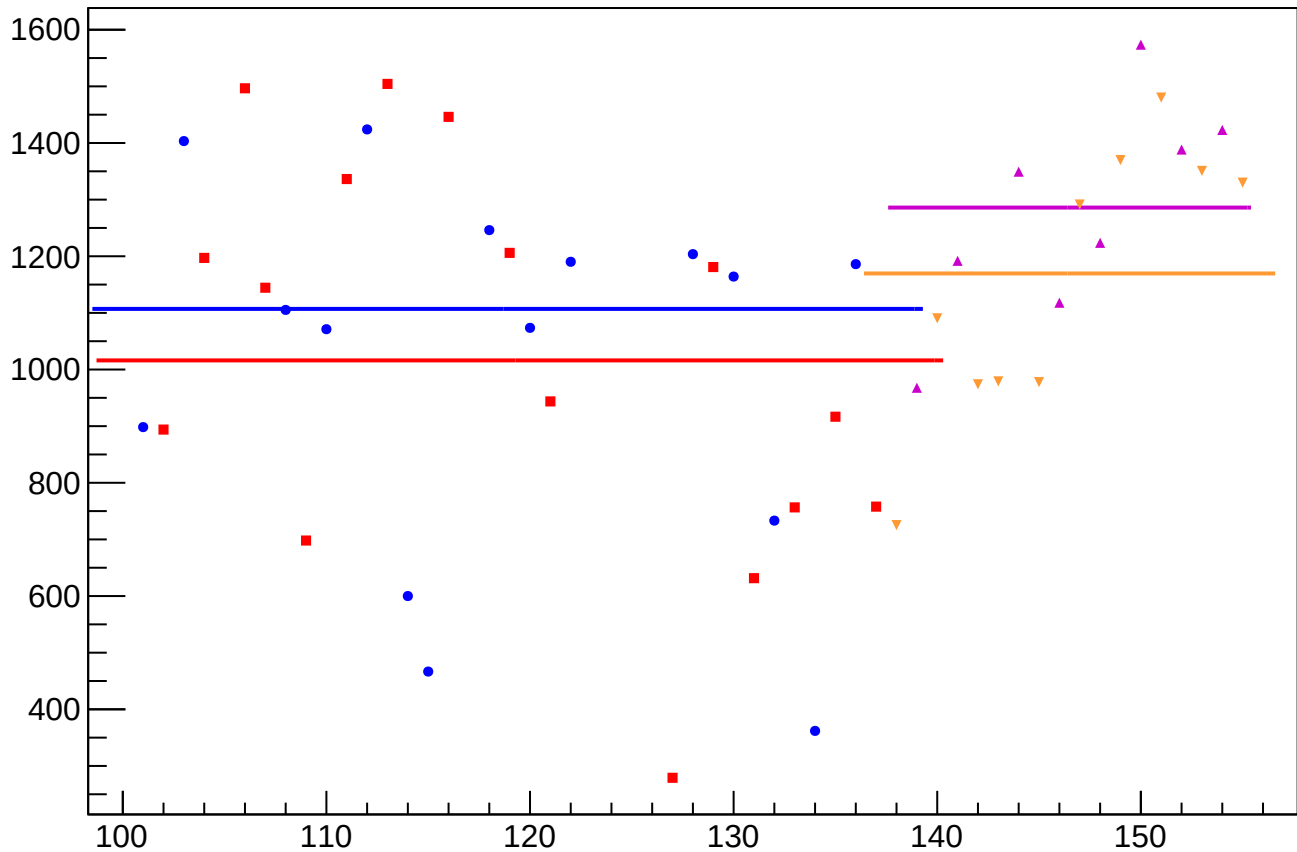
Left In: 459.580+/-0.000 χ^2/NDF : 3375543158345672627410724817928716288.0/7

+ sign 472.950+/-0.000 χ^2/NDF : 725905856001674

All: 494.795+/-0.000 χ^2/NDF : 323315576213

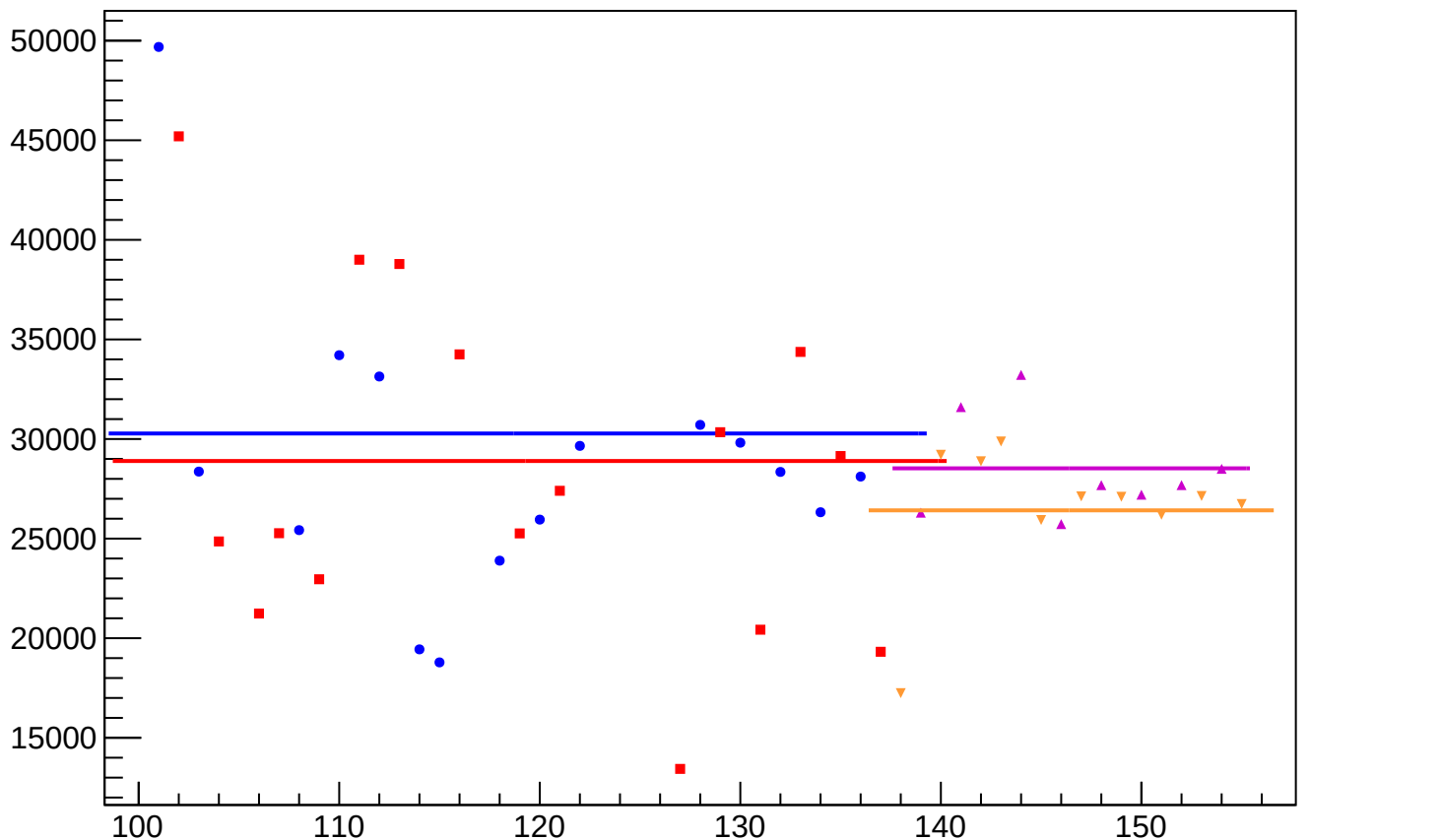
- sign 517.461+/-0.000 χ^2/NDF : 249356953927761

dit_atr1_coil4_Ndata_mean vs Slug



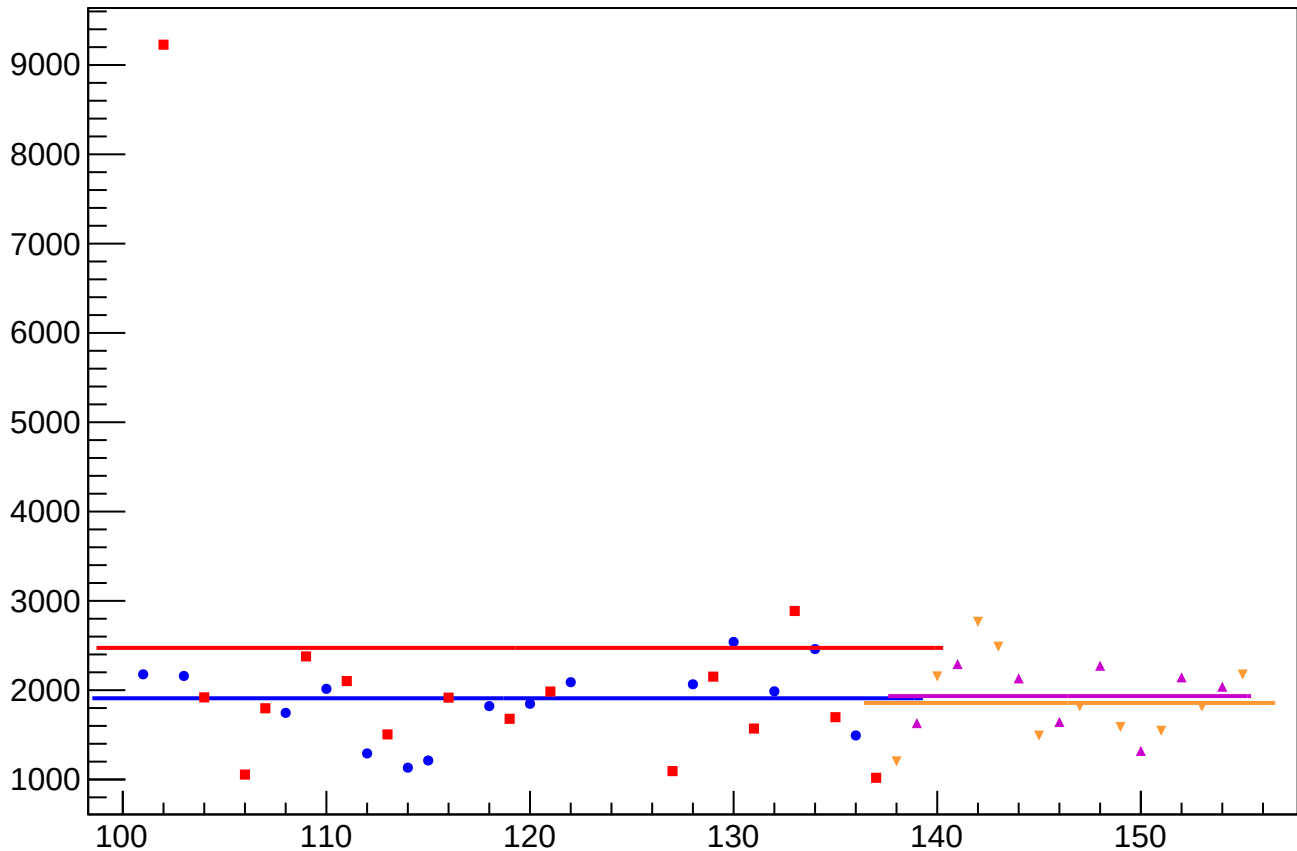
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7

dit_atr2_coil4_mean vs Slug



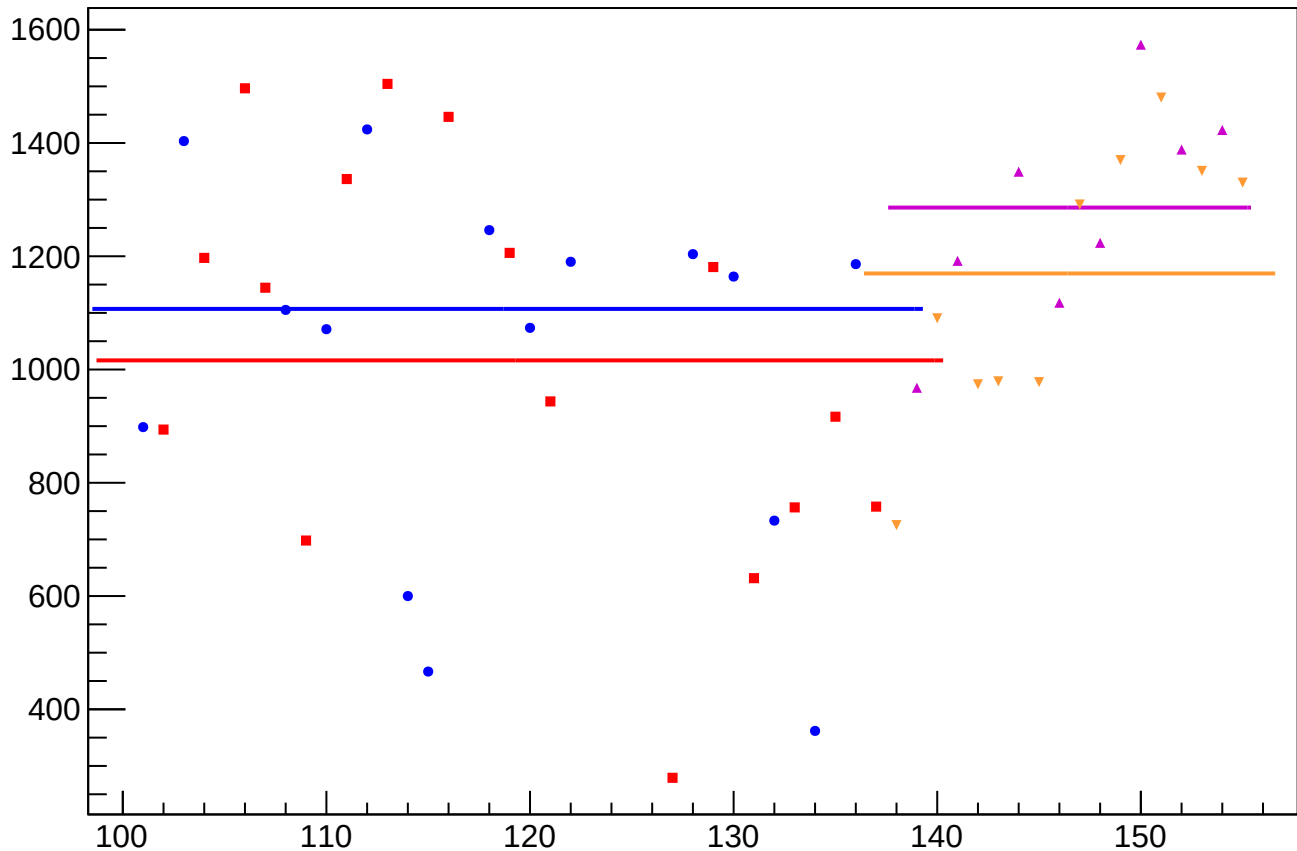
Right In: 30277.649+/-0.000 χ^2/NDF : 30975974641524142453090022540760519278592.0/14
 Left Out: 26419.013+/-0.000 χ^2/NDF : 8441203553383624066077580412506509148160.0/9
 Right Out: 28896.318+/-0.000 χ^2/NDF : 46969504058010359146250560228409714147328.0/15
 Left In: 28528.198+/-0.000 χ^2/NDF : 4094835671107841499828003724763238236160.0/7

dit_atr2_coil4_err_mean vs Slug



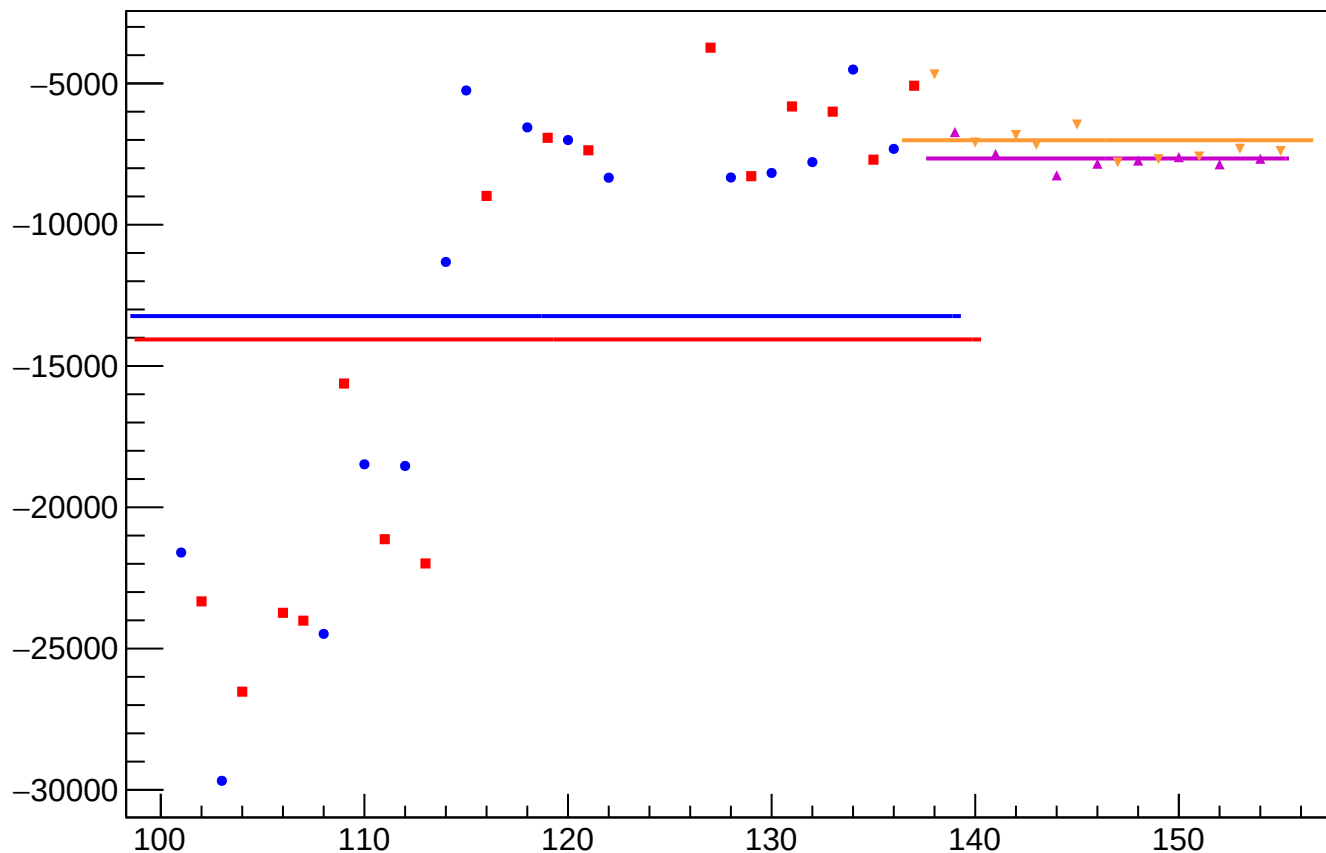
Right In: 1909.434+/-0.000	χ^2/NDF : 87636974094211671524177650165869445120.0/14
Left Out: 1857.085+/-0.000	χ^2/NDF : 137996915179666891610803150051665248256.0/9
Right Out: 2473.977+/-0.000	χ^2/NDF : 3033908025746418121738753286600386412544.0/15
Left In: 1933.862+/-0.000	χ^2/NDF : 77619419803794256925886324602667270144.0/7

dit_atr2_coil4_Ndata_mean vs Slug



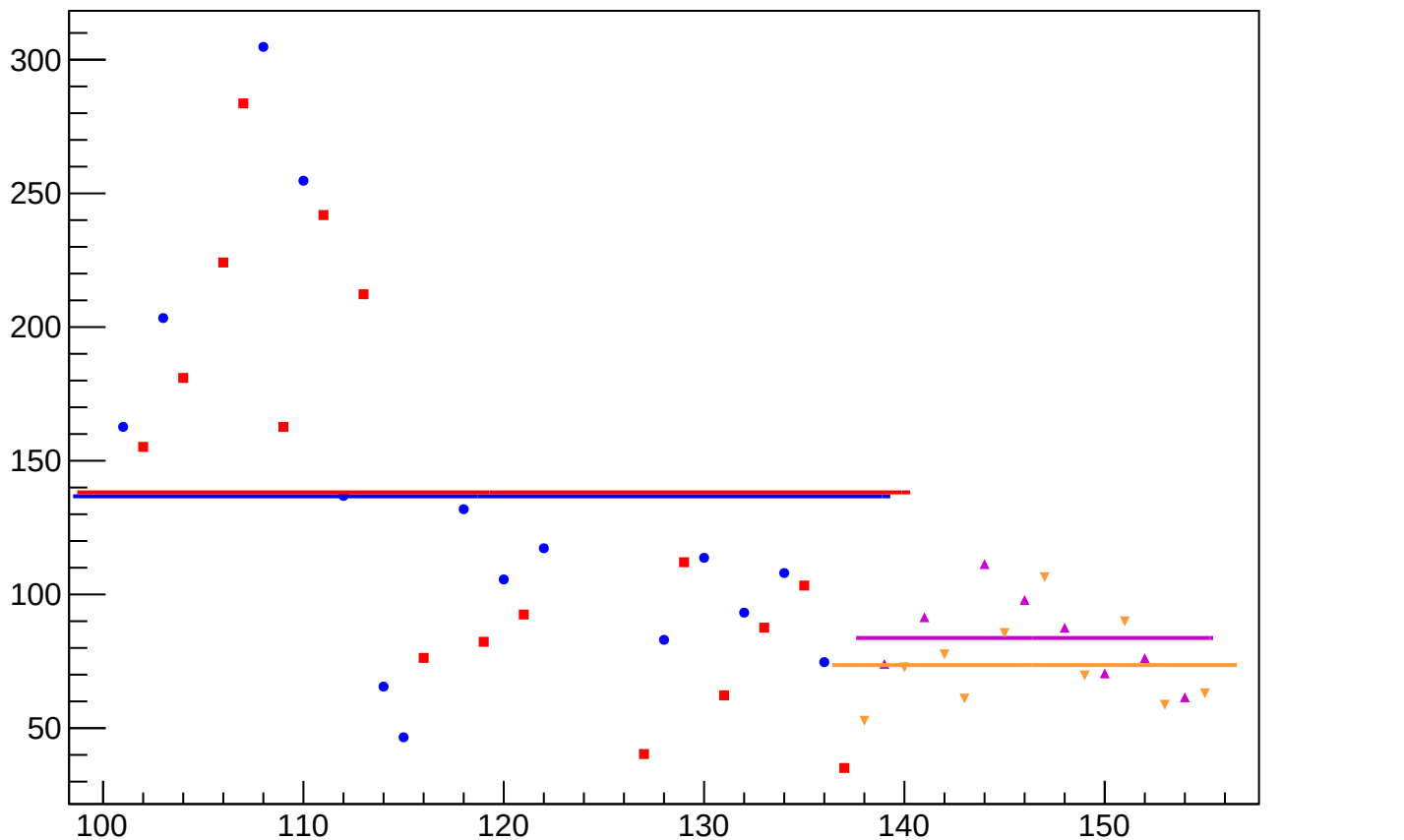
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7

dit_sam1_coil4_mean vs Slug



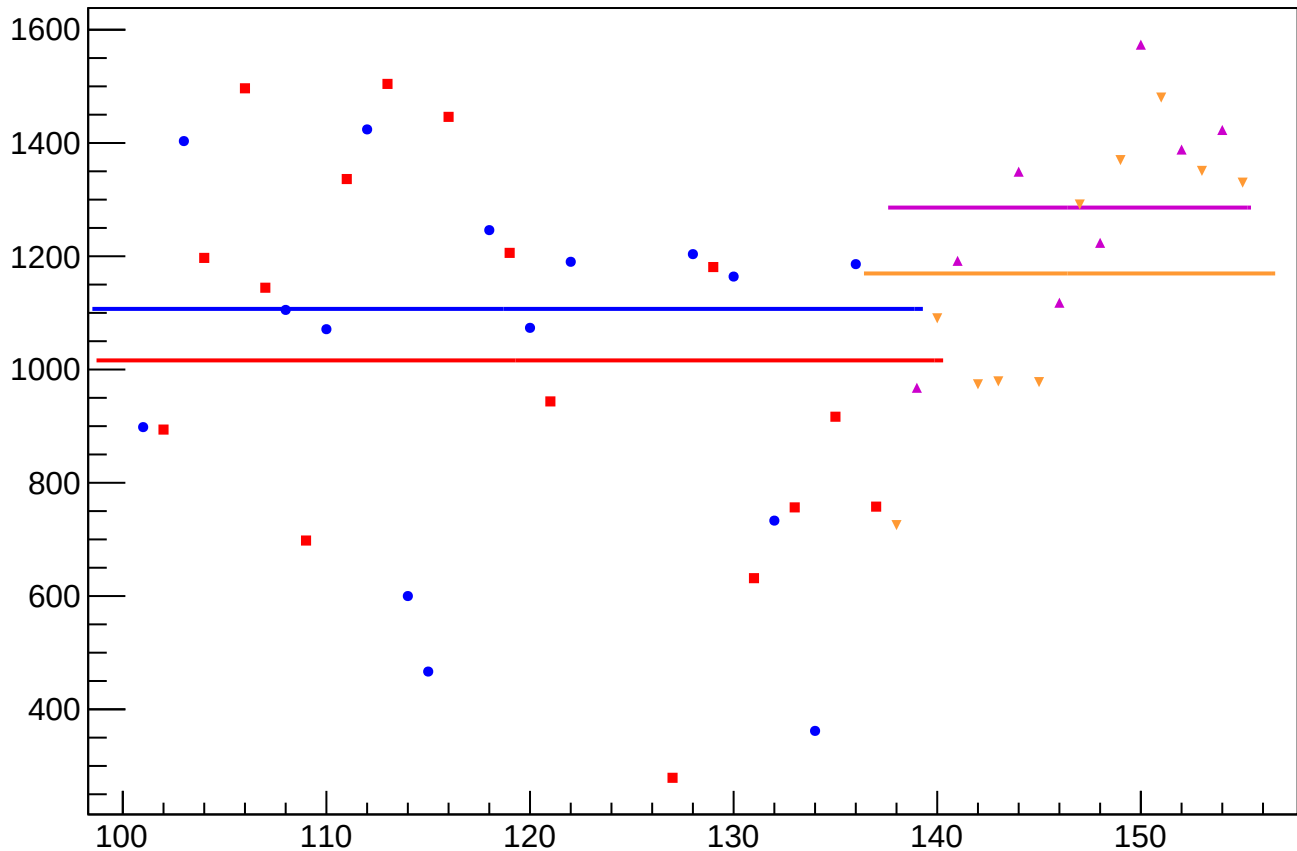
Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14
 Left Out: -7011.044+/-0.000 χ^2/NDF : 5831584774501454022787341699929604096.0/9
 Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15
 Left In: -7656.469+/-0.000 χ^2/NDF : 111812303400565368247979234611521650688.0/7

dit_sam1_coil4_err_mean vs Slug



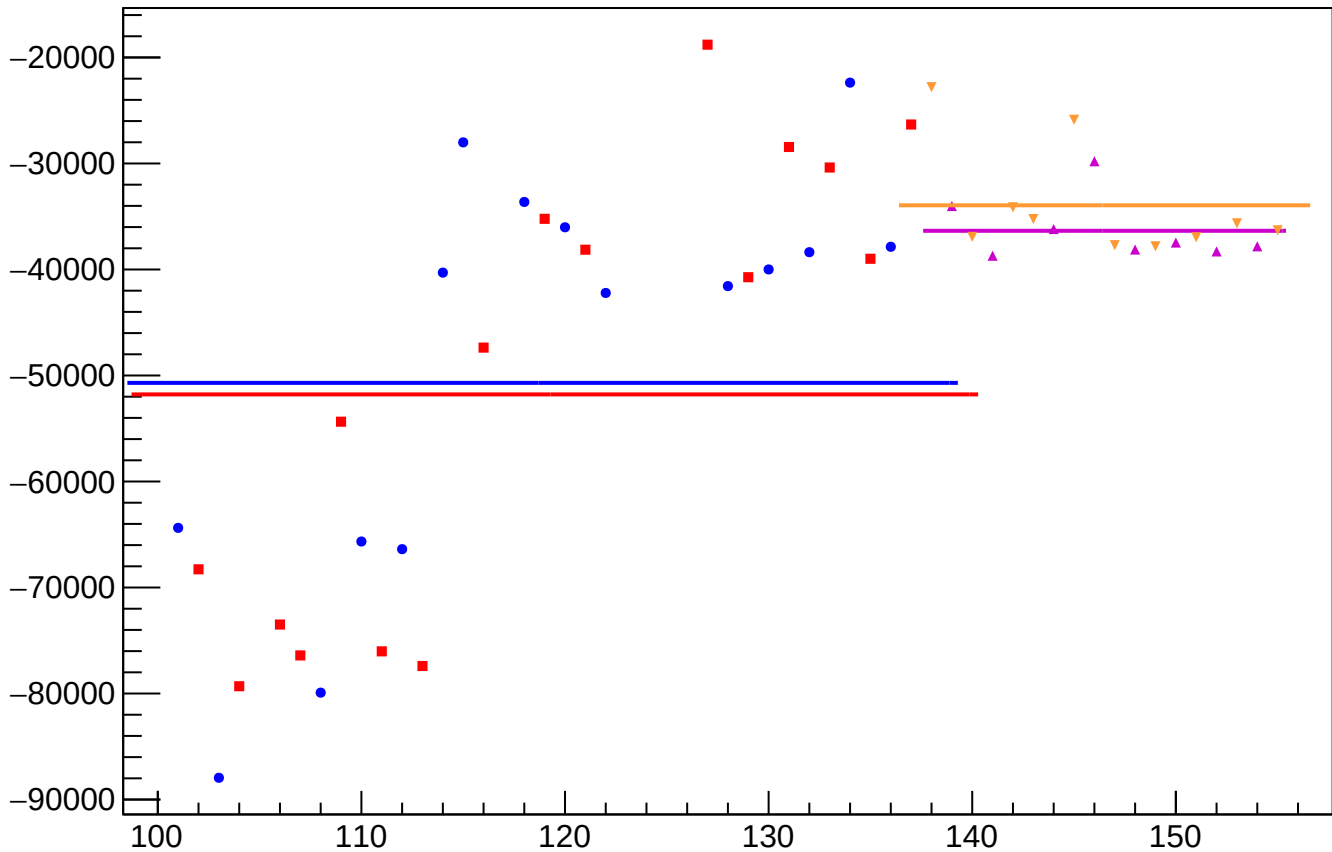
Right In: 136.711 $\pm$ 0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14
 Left Out: 73.599 $\pm$ 0.000 χ^2/NDF : 190552923088196498215094402211119104.0/9
 Right Out: 138.179 $\pm$ 0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15
 Left In: 83.732 $\pm$ 0.000 χ^2/NDF : 163467432451429710591851771023327232.0/7
 All: 106.540 $\pm$ 0.000 χ^2/NDF : 87113401979104.0/9
 + sign 102.710 $\pm$ 0.000 χ^2/NDF : 427024027737687.0/9
 - sign 110.514 $\pm$ 0.000 χ^2/NDF : 439905144269610.0/9

dit_sam1_coil4_Ndata_mean vs Slug



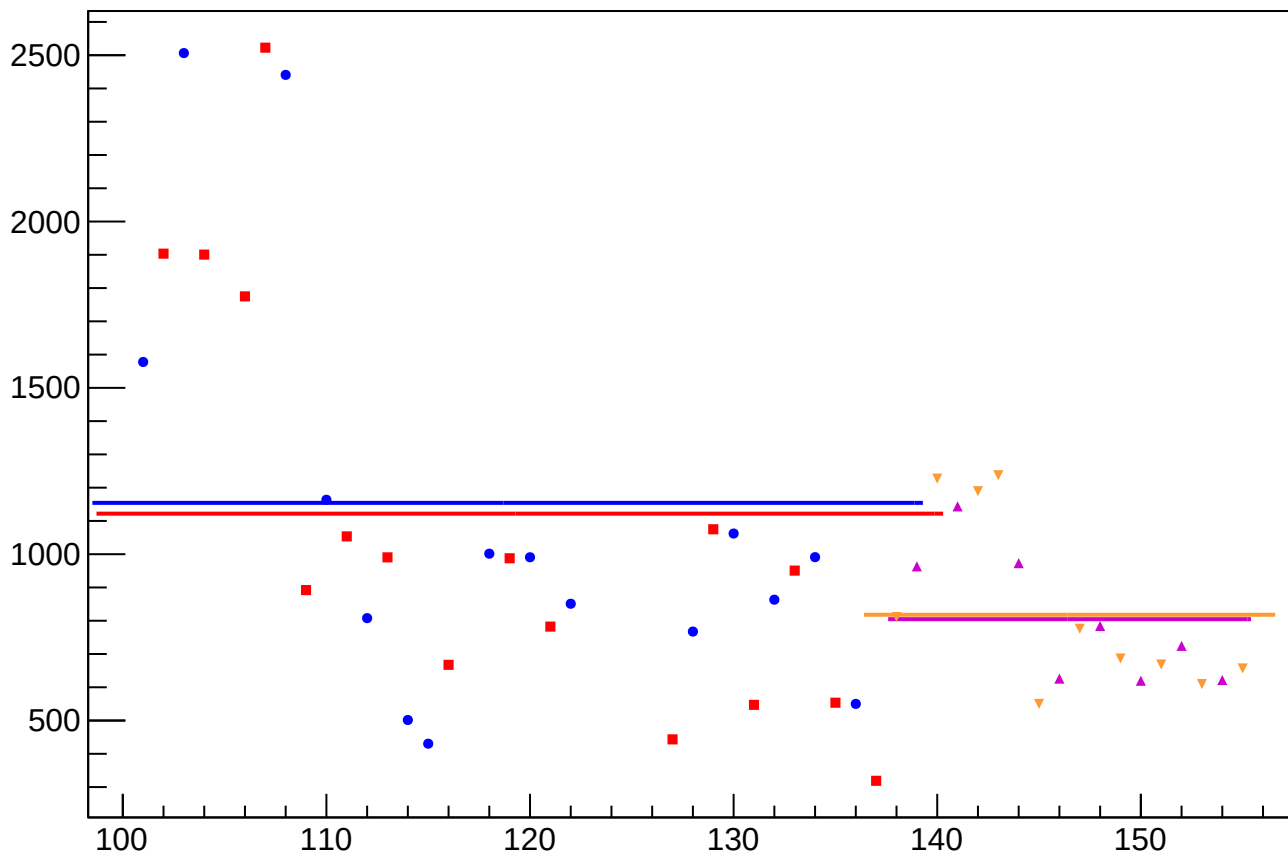
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 +/- 0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.964 +/- 0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7
 All: 1146.877 +/- 0.000 χ^2/NDF : 20133613255
 + sign 1140.760 +/- 0.000 χ^2/NDF : 81890056018792
 - sign 1153.224 +/- 0.000 χ^2/NDF : 11933880926309

dit_sam2_coil4_mean vs Slug



Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -33946.205+/-0.000 χ^2/NDF : 19544543663882881796968576483217991794688.0/9
 Right Out: -51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: -36350.643+/-0.000 χ^2/NDF : 5382141411192149471631091859997551755264.0/7

dit_sam2_coil4_err_mean vs Slug



Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

+ sign 973.144+/-0.000 χ^2/NDF : 335590586456845

Left Out: 818.011+/-0.000 χ^2/NDF : 46772110005245182708017225145331482624.0/9

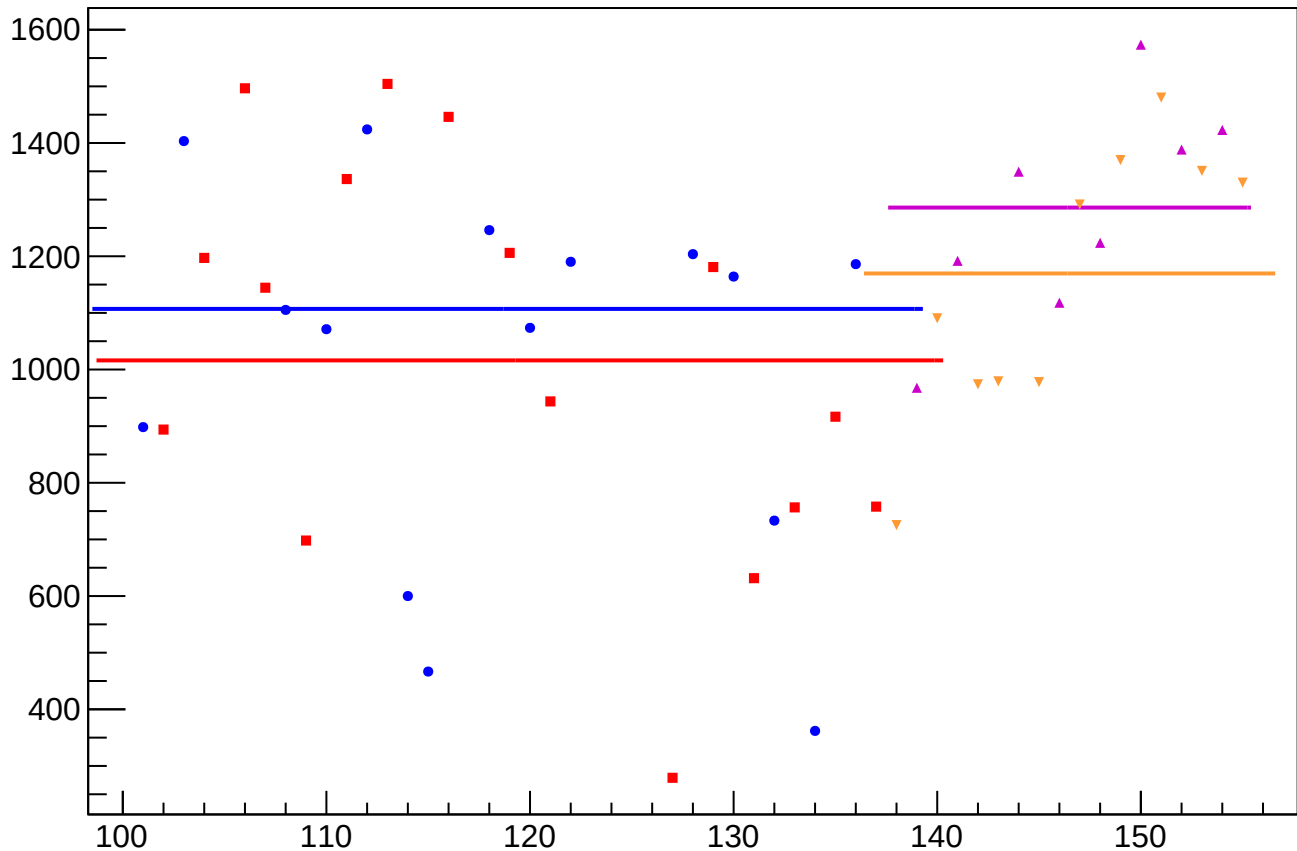
All: 967.061+/-0.000 χ^2/NDF : 619637051352

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

- sign 960.751+/-0.000 χ^2/NDF : 283940411001709

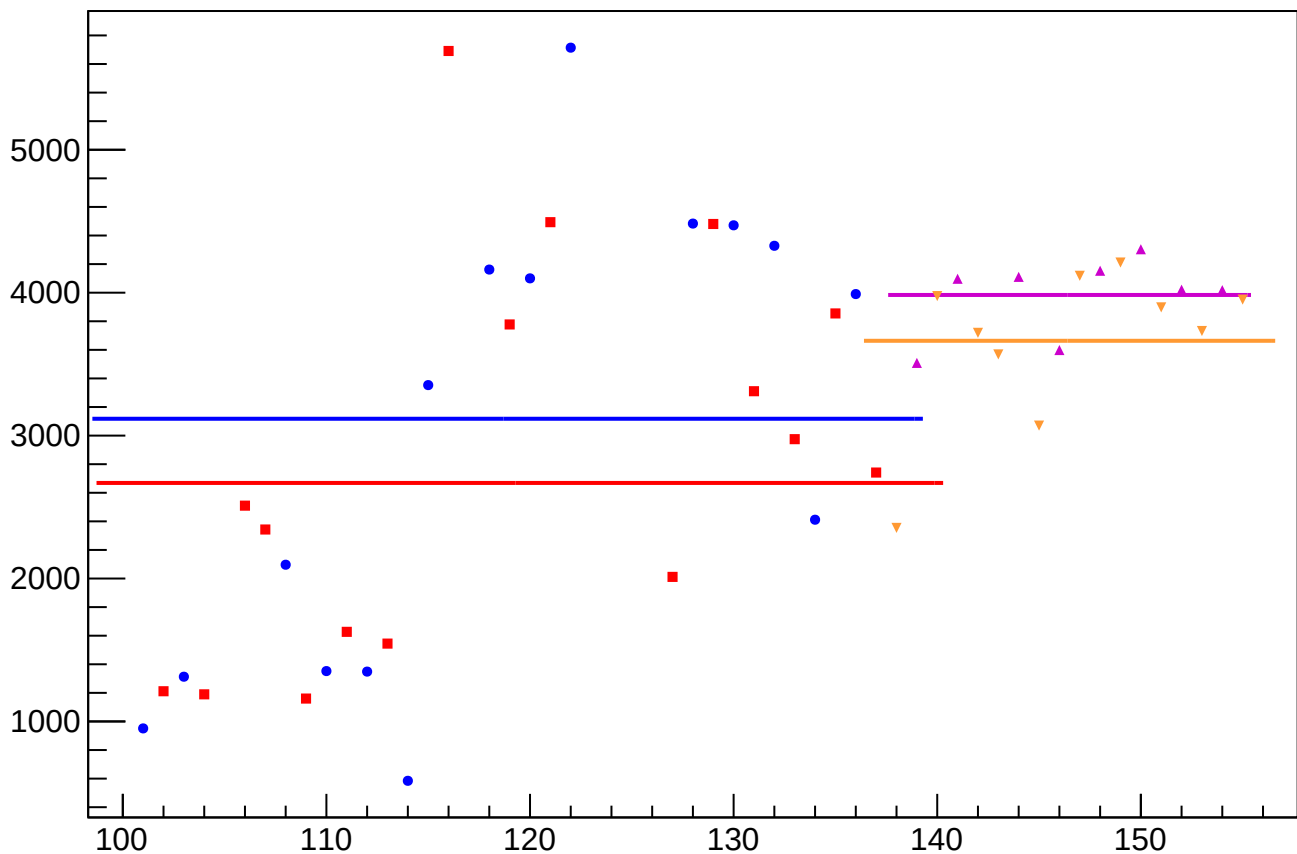
Left In: 804.713+/-0.000 χ^2/NDF : 23676803912329734603629726057308880896.0/7

dit_sam2_coil4_Ndata_mean vs Slug



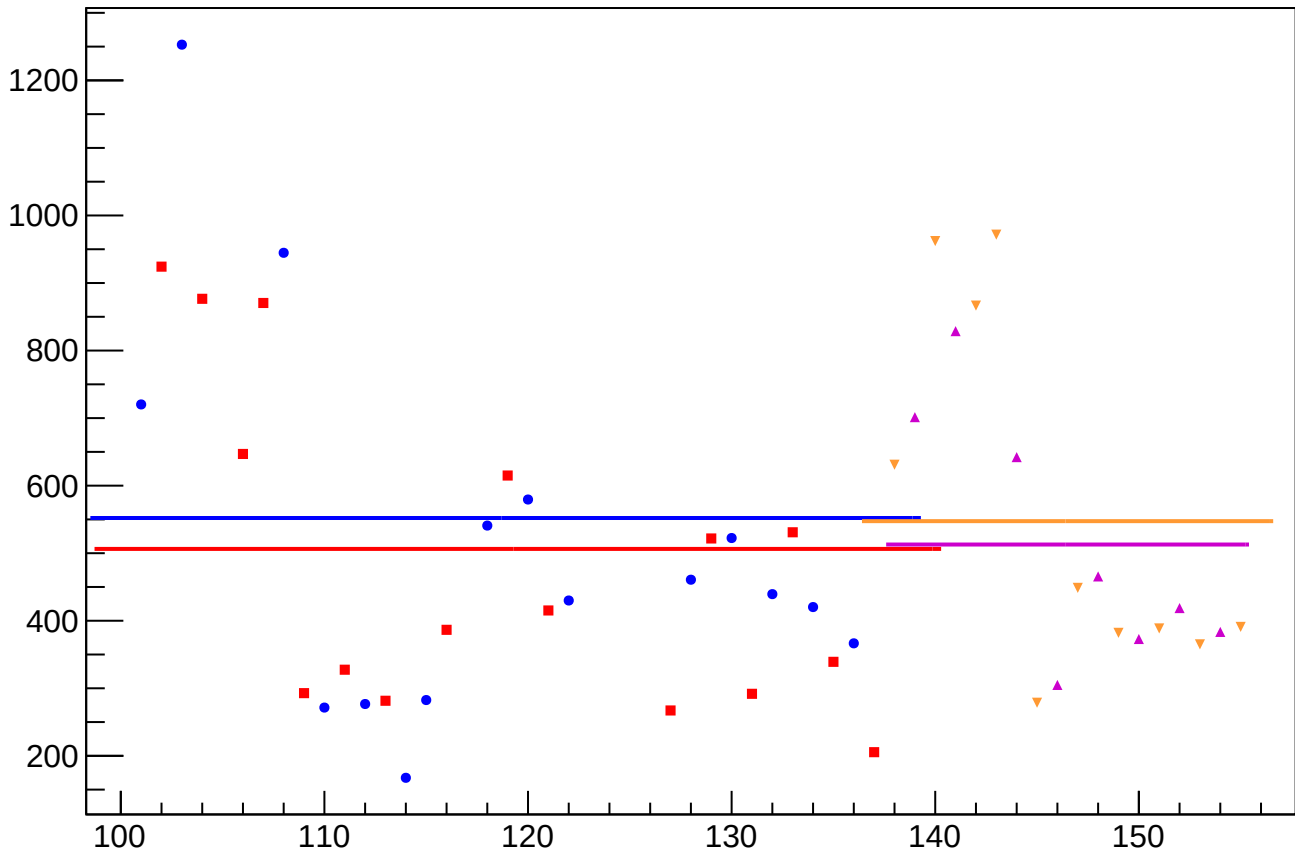
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621+/-0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.964+/-0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF : 1552738593335565674554918493159210090496.0/14
 Left Out: 3663.442+/-0.000 χ^2/NDF : 223565559274839743007551630818685222912.0/9
 Right Out: 2668.794+/-0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: 3984.087+/-0.000 χ^2/NDF : 45088251973150473254530763402858463232.0/7

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 547.445+/-0.000 χ^2/NDF : 47023394152190822540642566476583141376.0/9

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

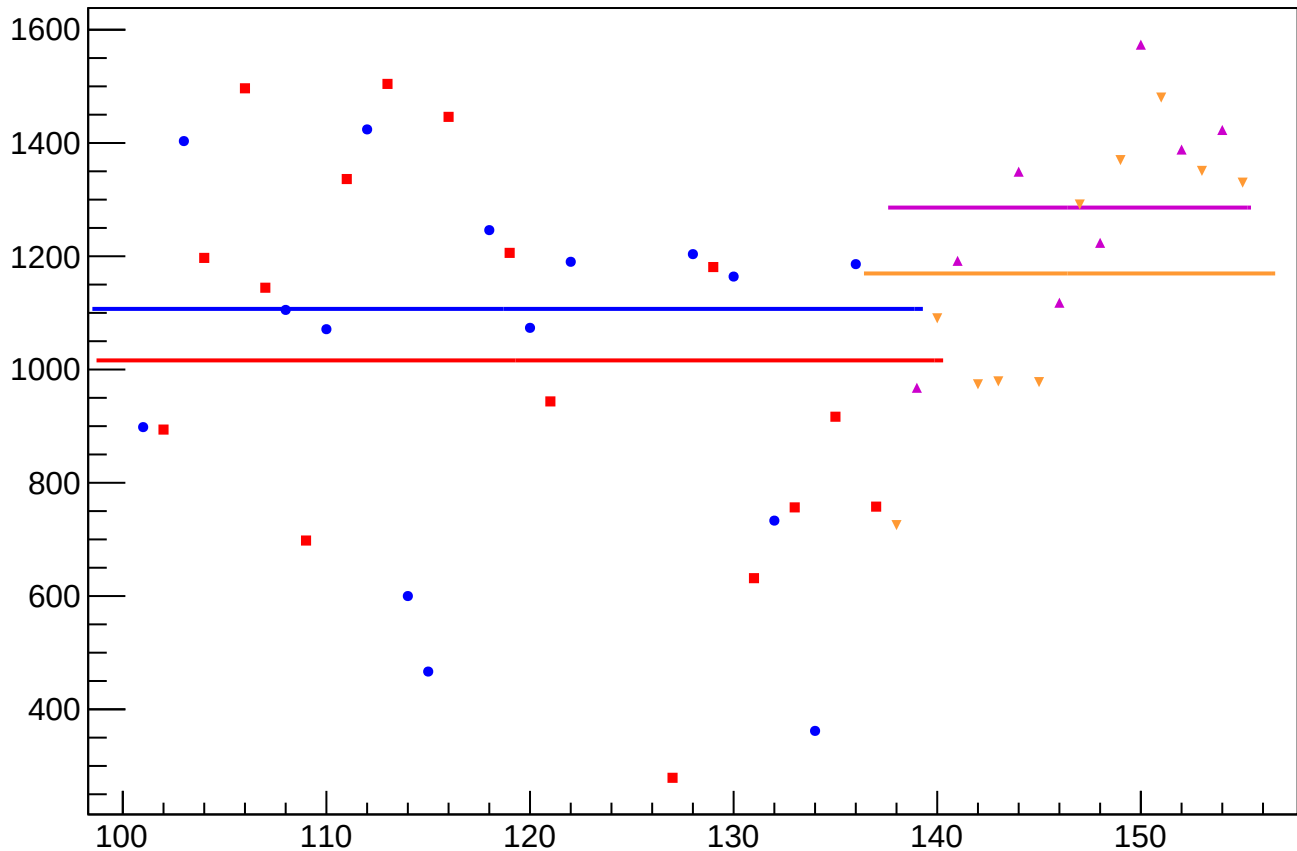
Left In: 512.841+/-0.000 χ^2/NDF : 20666682580075803842928118122449731584.0/7

All: 529.990+/-0.000 χ^2/NDF : 156734748452

+ sign 549.596+/-0.000 χ^2/NDF : 977700390594147

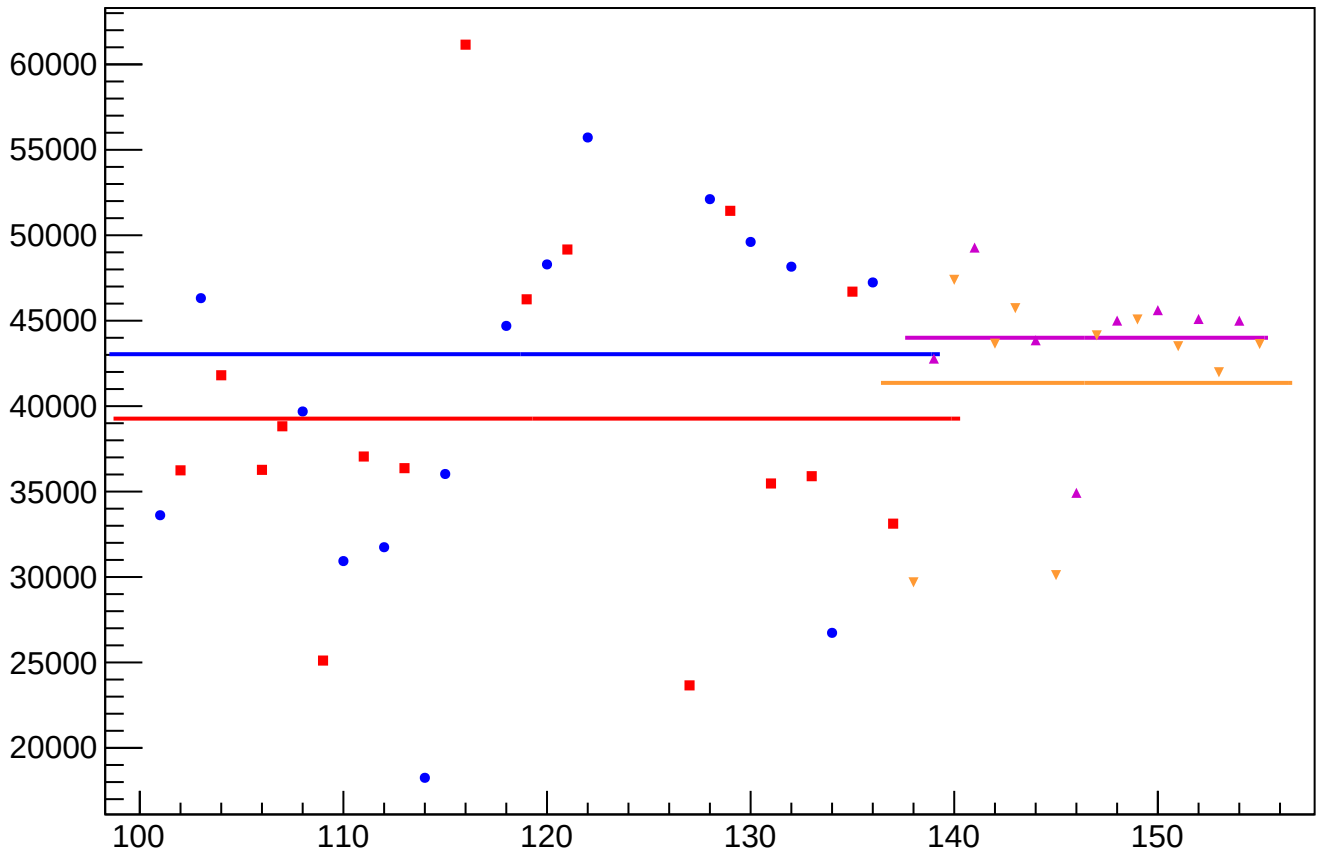
- sign 509.646+/-0.000 χ^2/NDF : 578626351120177

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621+/-0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.964+/-0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7
 All: 1146.877+/-0.000 χ^2/NDF : 20133613255.0/14
 + sign 1140.760+/-0.000 χ^2/NDF : 81890056018792.0/14
 - sign 1153.224+/-0.000 χ^2/NDF : 11933880926309.0/14

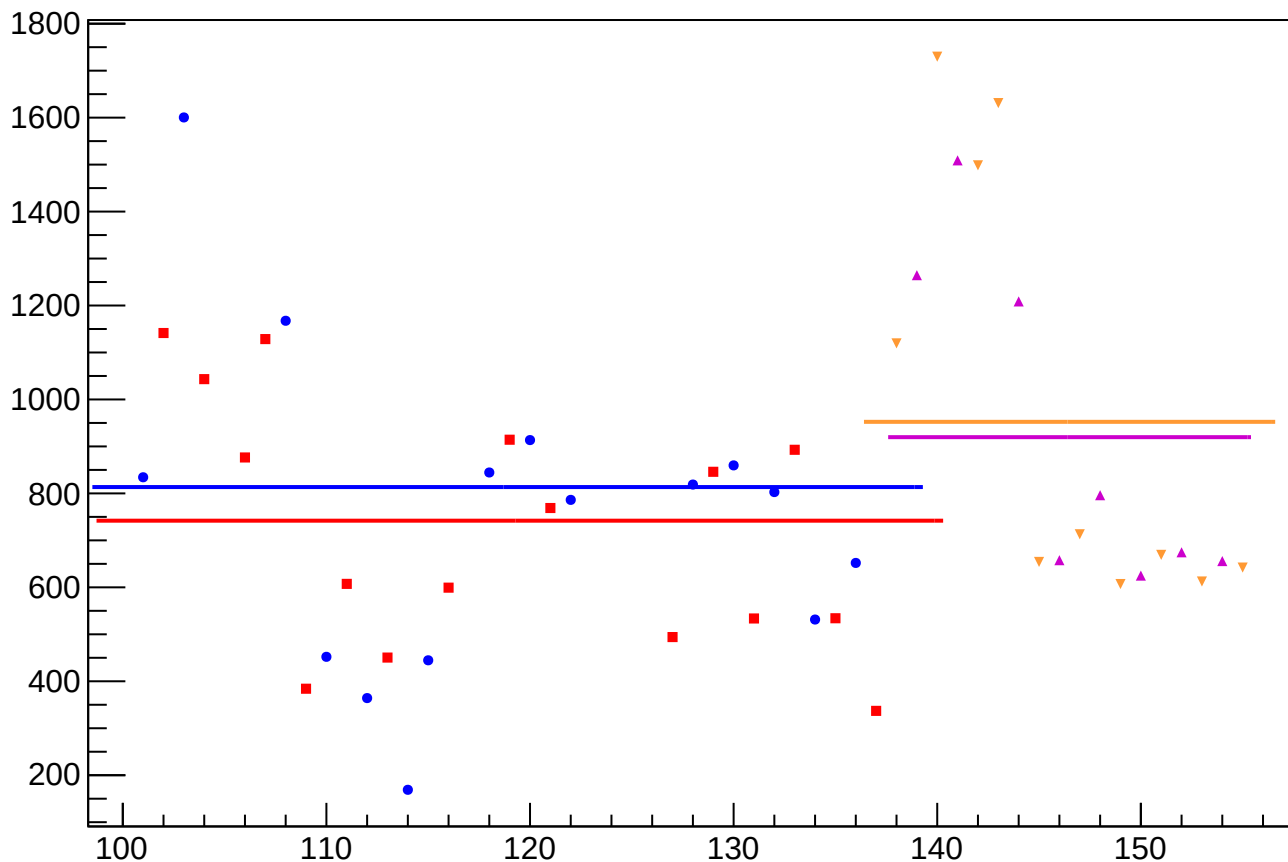
dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000	χ^2/NDF : 48397052922561722652666786407552179503104.0/14
Left Out: 41360.735+/-0.000	χ^2/NDF : 27945517935930508962189145662951648133120.0/9
Right Out: 39269.627+/-0.000	χ^2/NDF : 51873036517757666237545716605051585167360.0/15
Left In: 44001.568+/-0.000	χ^2/NDF : 9840764158912402166213707672804409737216.0/7

+ sign 42135.288+/-0.000 χ^2/NDF : 7732844303101
 All: 41908.893+/-0.000 χ^2/NDF : 1467778273
 - sign 41673.983+/-0.000 χ^2/NDF : 6930244135036

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 952.371 $\pm$ 0.000 χ^2 /NDF: 141703451949241785658847658639989145600.0/9

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

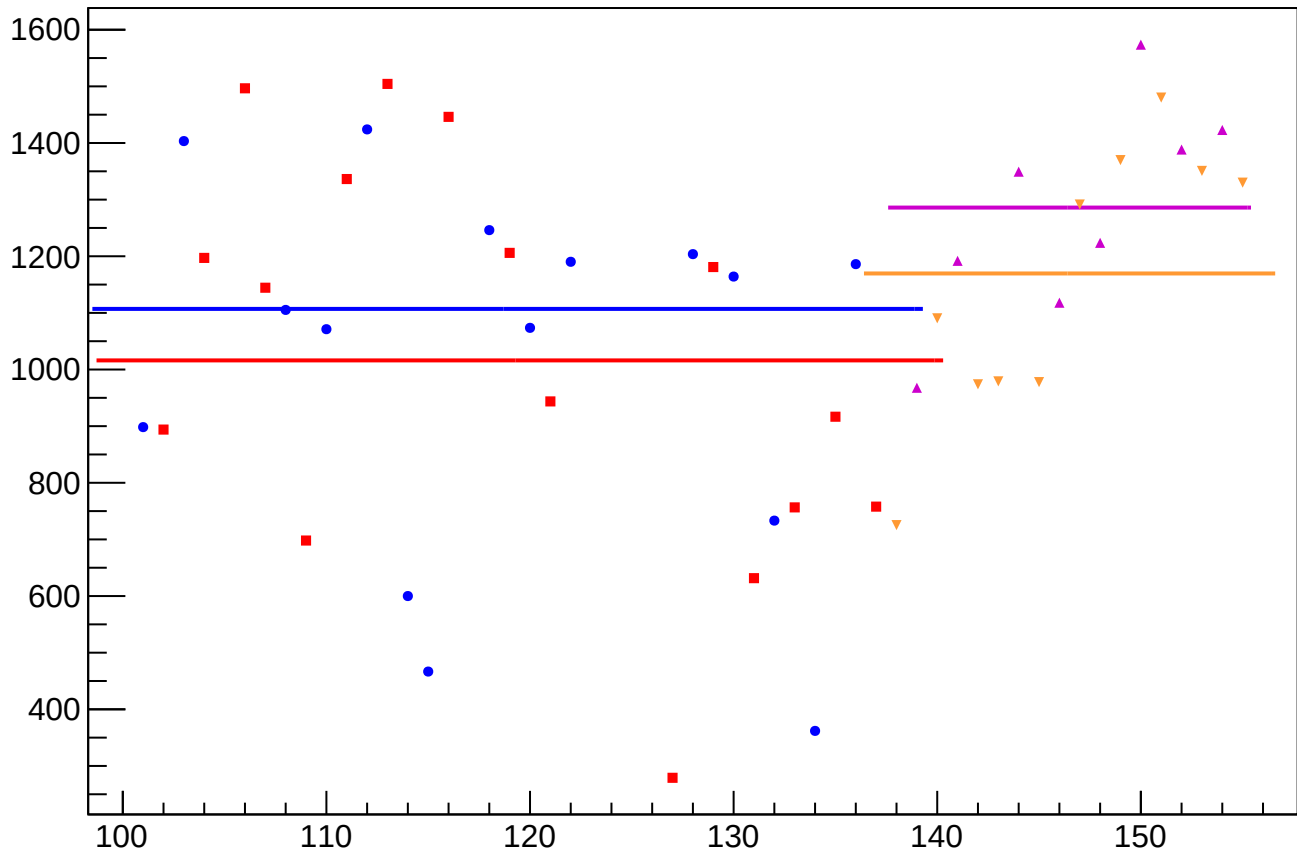
Left In: 919.726 $\pm$ 0.000 χ^2 /NDF: 72891138968773669963471492239700525056.0/7

+ sign 888.315 $\pm$ 0.000 χ^2 /NDF: 215567158624782

All: 860.805 $\pm$ 0.000 χ^2 /NDF: 34541777678

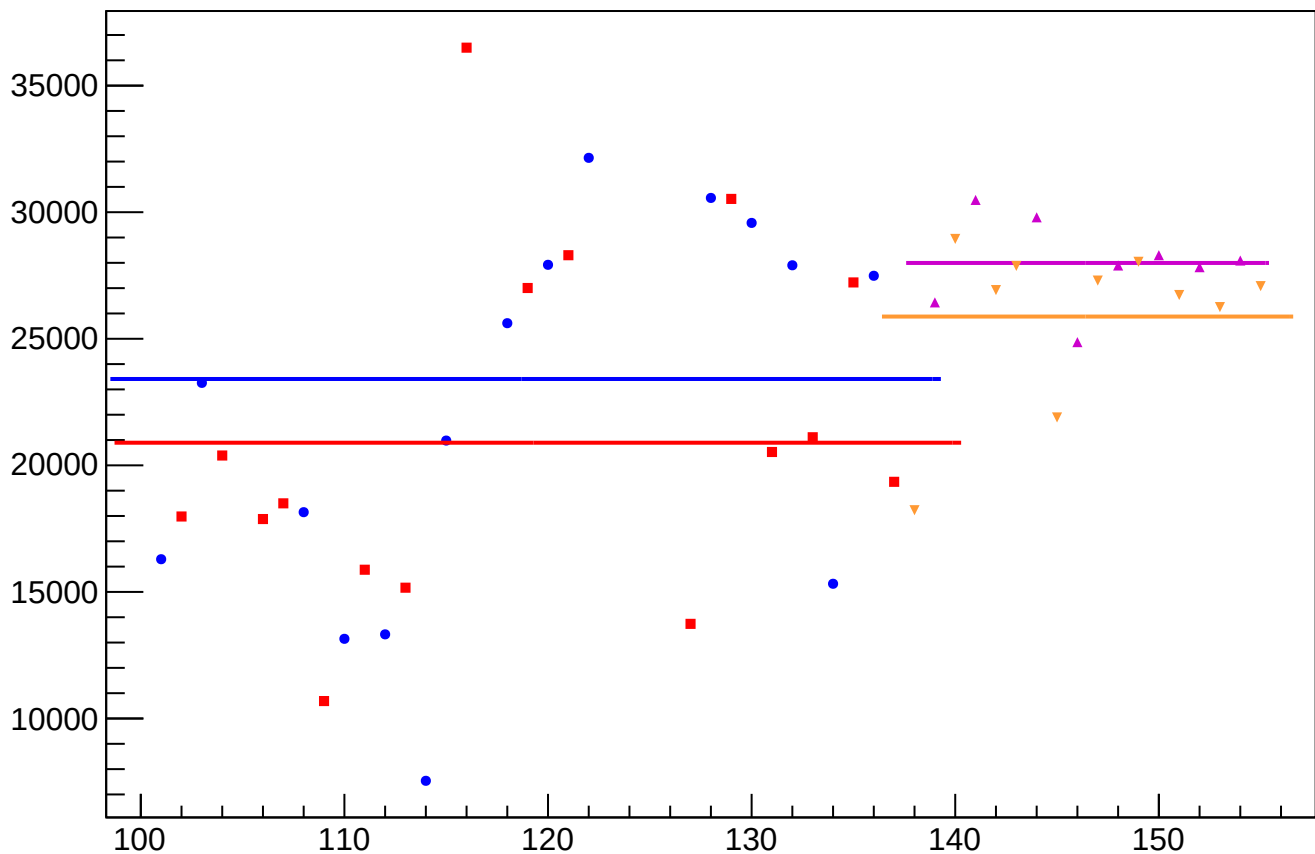
- sign 832.261 $\pm$ 0.000 χ^2 /NDF: 127681012531333

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 +/- 0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.964 +/- 0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7
 All: 1146.877 +/- 0.000 χ^2/NDF : 20133613255.0/14
 + sign 1140.760 +/- 0.000 χ^2/NDF : 81890056018792.0/14
 - sign 1153.224 +/- 0.000 χ^2/NDF : 11933880926309.0/14

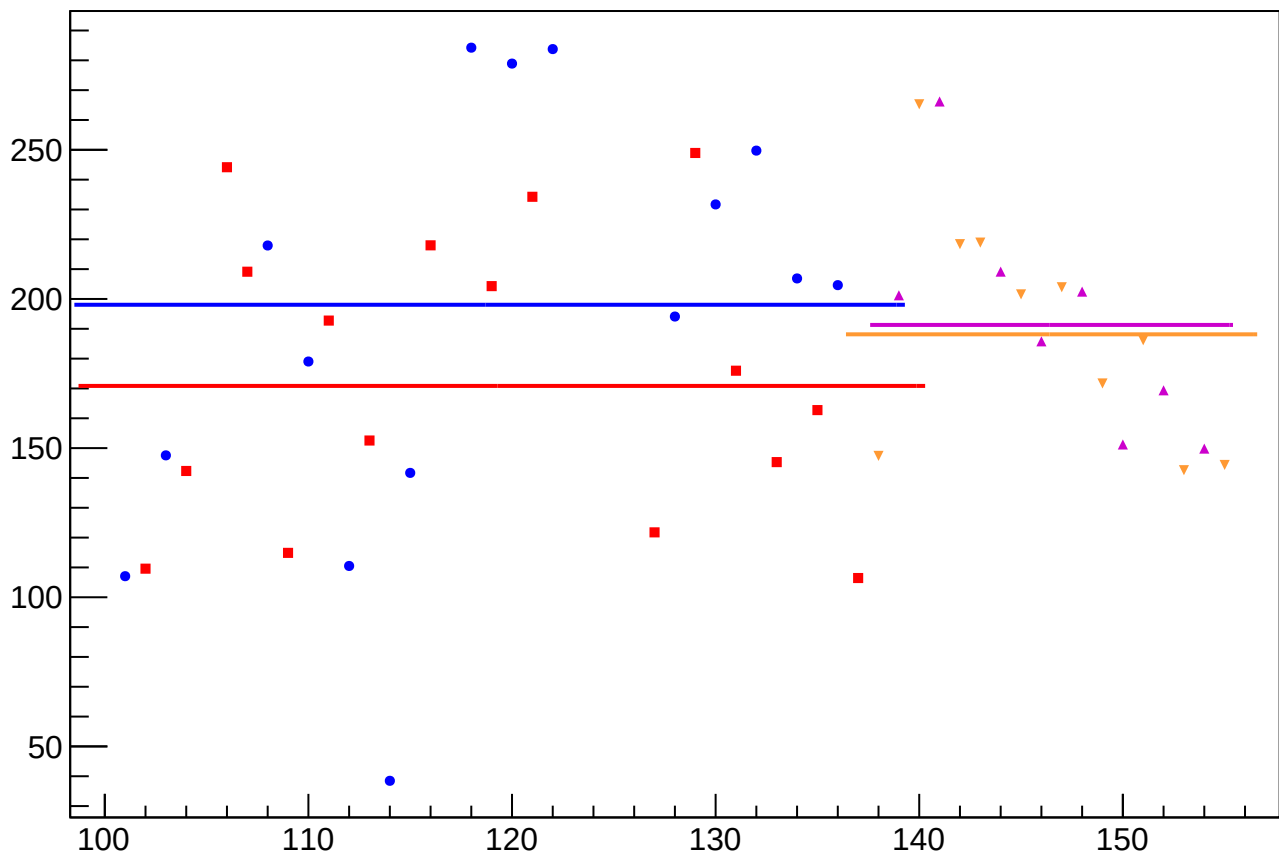
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 25877.844+/-0.000	χ^2/NDF : 7674991806701220321255440572208889462784.0/9
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27995.122+/-0.000	χ^2/NDF : 1837384243381318110533116738382793277440.0/7

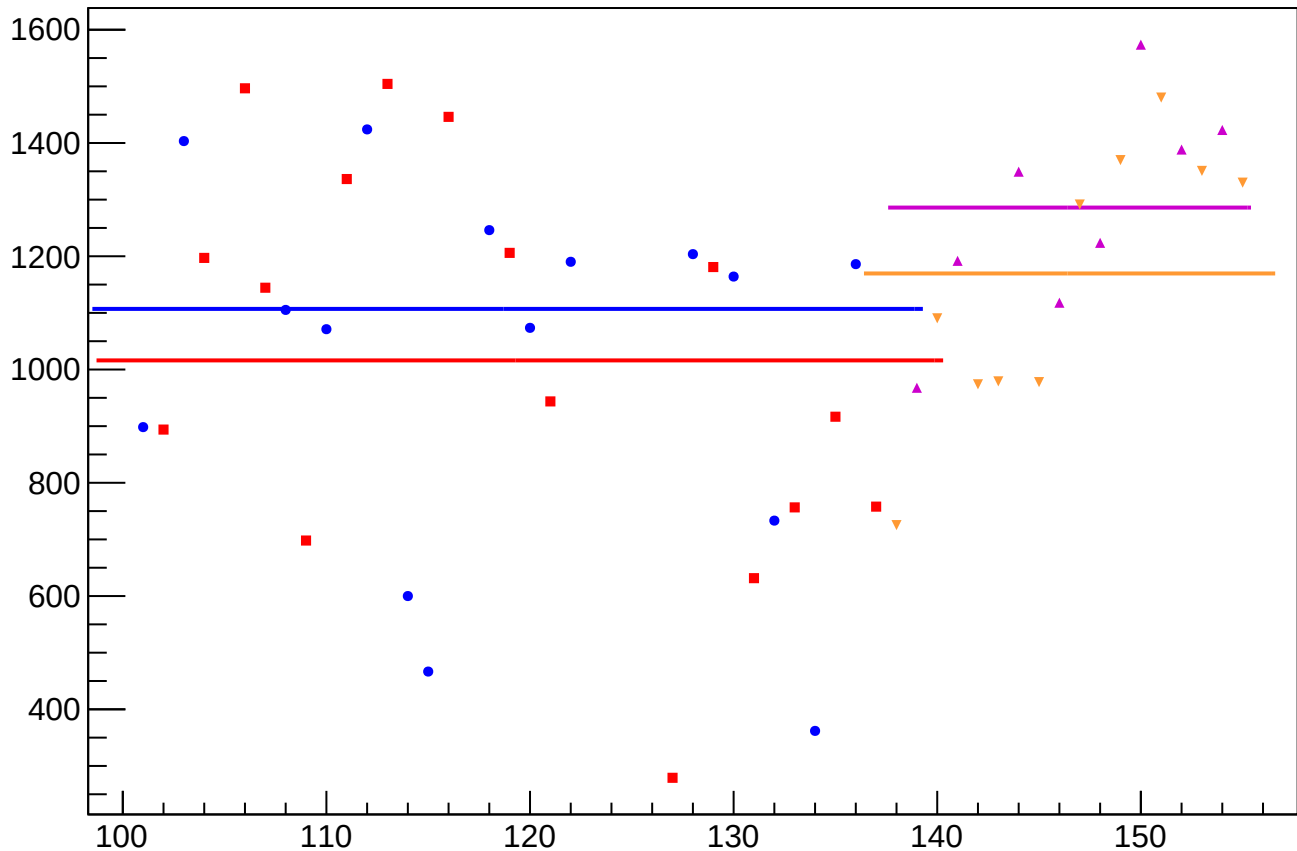
+ sign 24740.208+/-0.000 χ^2/NDF : 3822923998877
 All: 24623.414+/-0.000 χ^2/NDF : 8460400336
 - sign 24502.226+/-0.000 χ^2/NDF : 4633565565859

dit_sam5_coil4_err_mean vs Slug



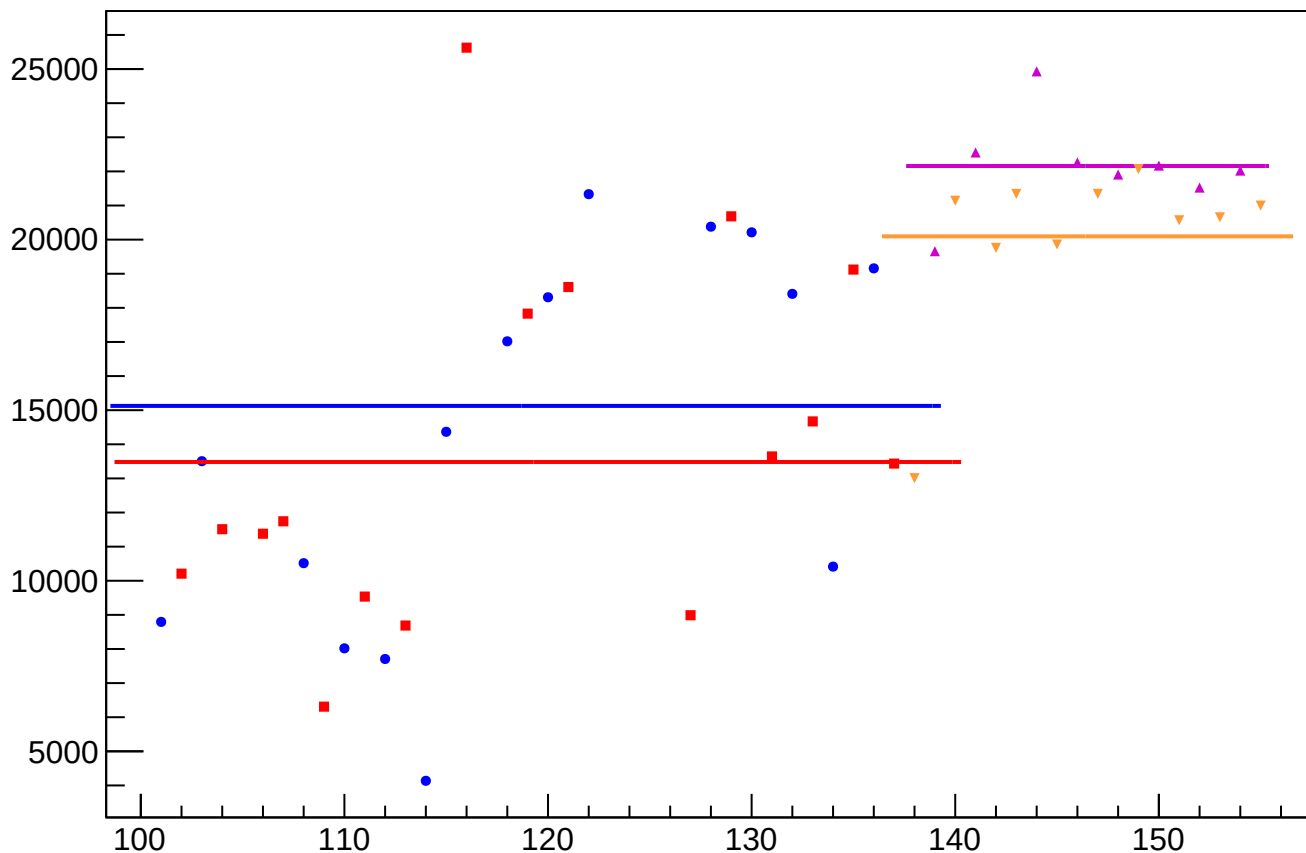
Right In: 198.056+/-0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14
 Left Out: 188.146+/-0.000 χ^2/NDF : 1109417096309273618184722063397224448.0/9
 Right Out: 170.851+/-0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15
 Left In: 191.298+/-0.000 χ^2/NDF : 867237000139561822513043970994470912.0/7

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 +/- 0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.964 +/- 0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7
 All: 1146.877 +/- 0.000 χ^2/NDF : 20133613255.0/14
 + sign 1140.760 +/- 0.000 χ^2/NDF : 81890056018792.0/14
 - sign 1153.224 +/- 0.000 χ^2/NDF : 11933880926309.0/14

dit_sam6_coil4_mean vs Slug

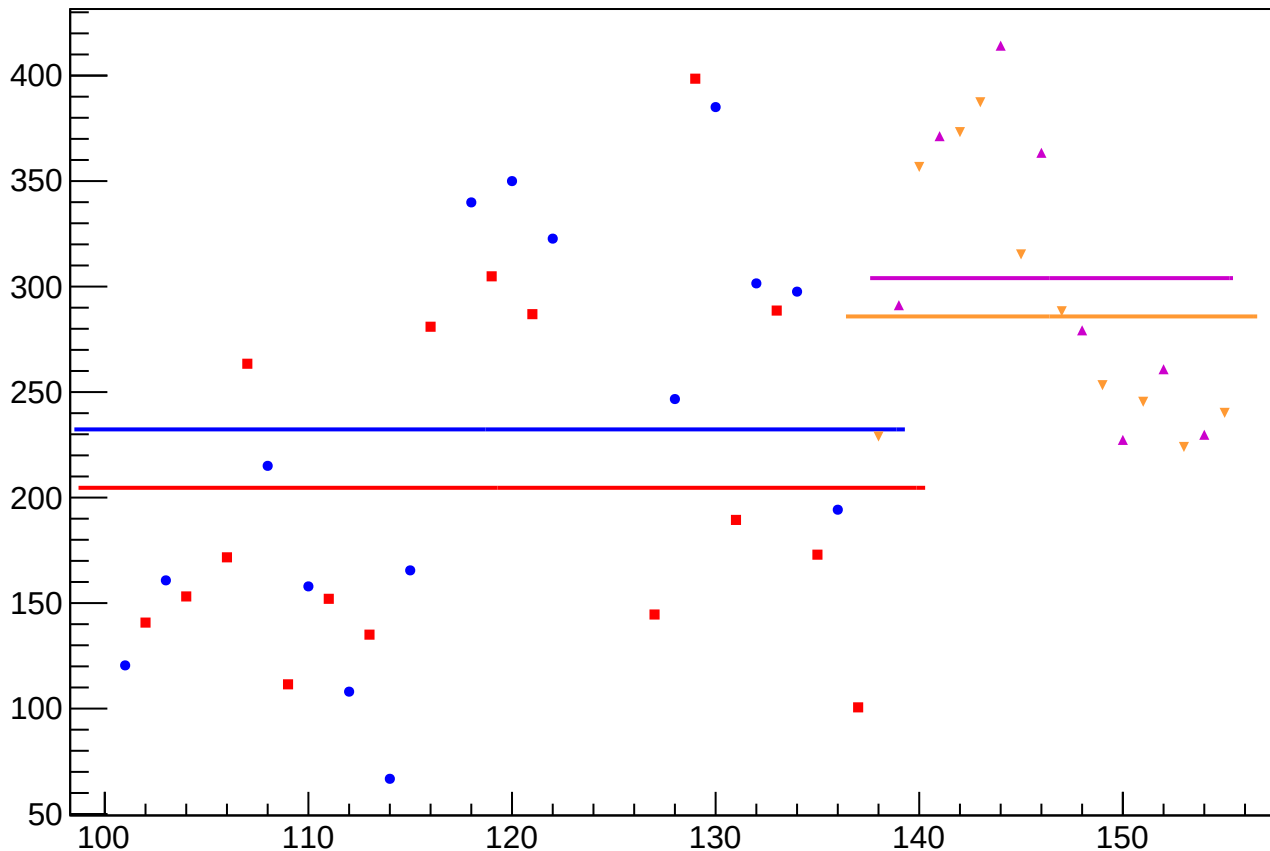


Right In: 15125.834+/-0.000	χ^2/NDF : 16615438767664069151744668380763246297088.0/14
Left Out: 20095.665+/-0.000	χ^2/NDF : 4678650821689581760344504853872563453952.0/9
Right Out: 13482.244+/-0.000	χ^2/NDF : 159104264754078252502248749810022088704.0/15
Left In: 22158.525+/-0.000	χ^2/NDF : 1246098764052742054423026000695547396096.0/7

Additional statistics shown in the plot area:

- + sign 17803.256+/-0.000 χ^2/NDF : 2992990080655
- All: 17846.204+/-0.000 χ^2/NDF : 7260418562
- sign 17890.767+/-0.000 χ^2/NDF : 4266899664936

dit_sam6_coil4_err_mean vs Slug



Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14

Left Out: 285.846+/-0.000 χ^2/NDF : 2483232411095436593298161830388039680.0/9

Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15

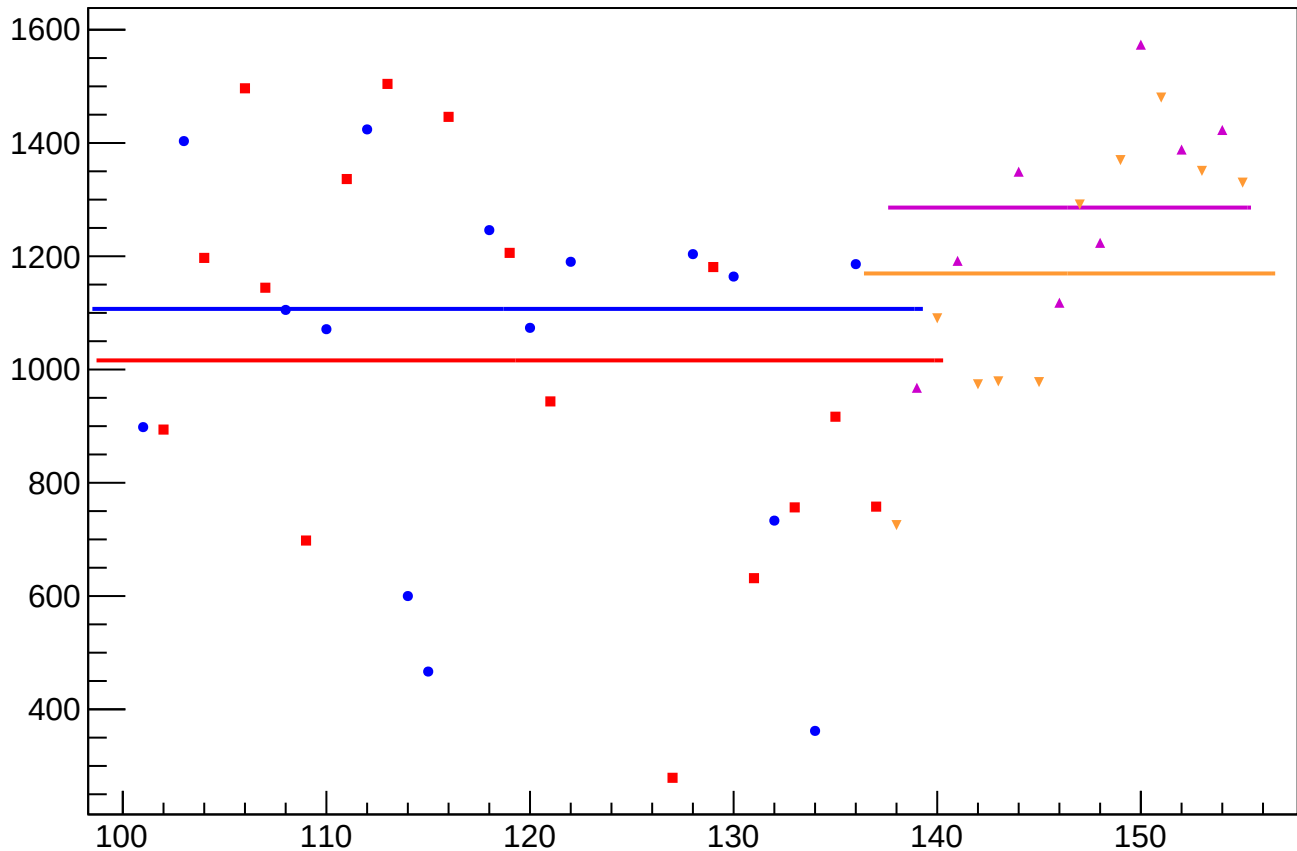
Left In: 304.005+/-0.000 χ^2/NDF : 3010046132873450963648275297708539904.0/7

+ sign 261.153+/-0.000 χ^2/NDF : 896343044334843

All: 258.195+/-0.000 χ^2/NDF : 198999915716

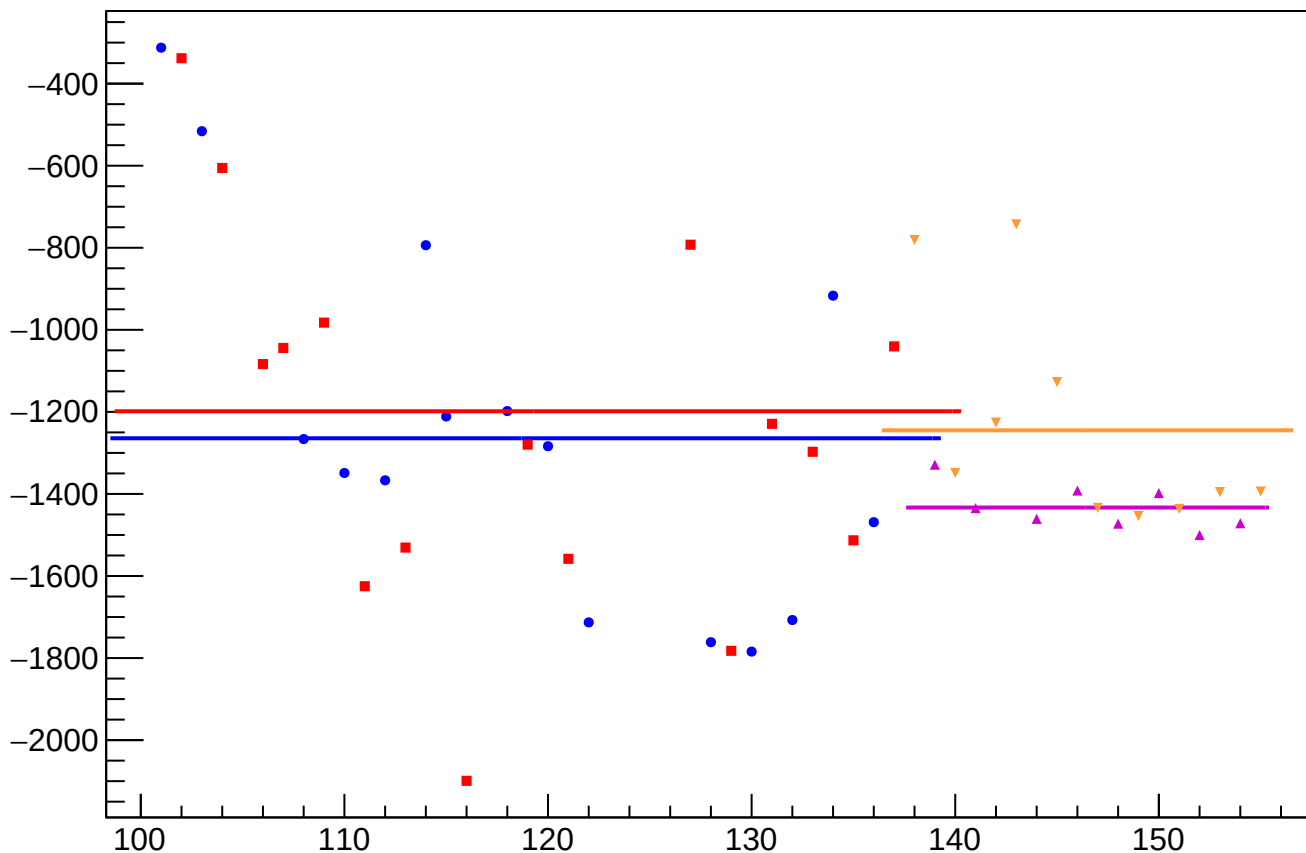
- sign 255.127+/-0.000 χ^2/NDF : 109114898994065

dit_sam6_coil4_Ndata_mean vs Slug



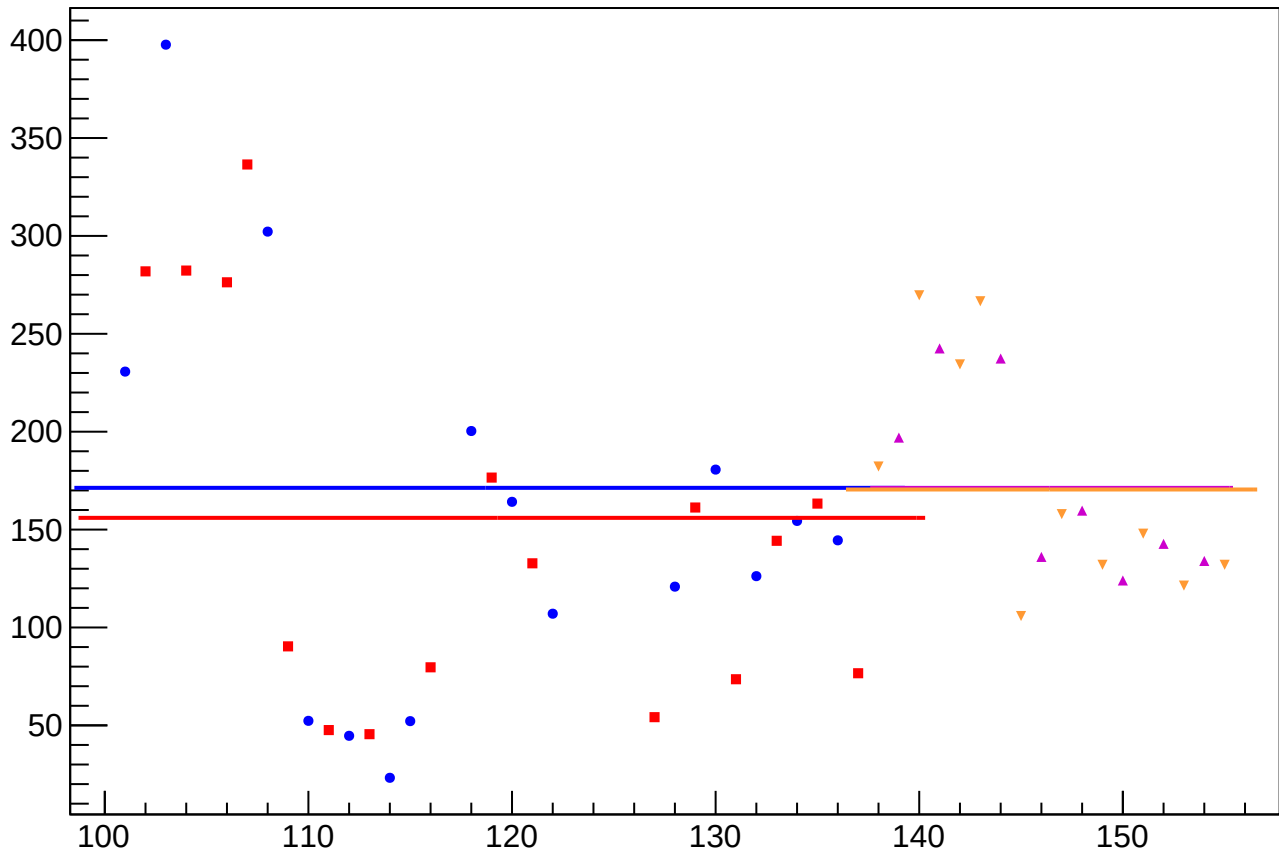
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 $\pm$ 0.000 χ^2 /NDF: 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1285.964 $\pm$ 0.000 χ^2 /NDF: 22090664618145164661890170403116023808.0/7

dit_sam7_coil4_mean vs Slug



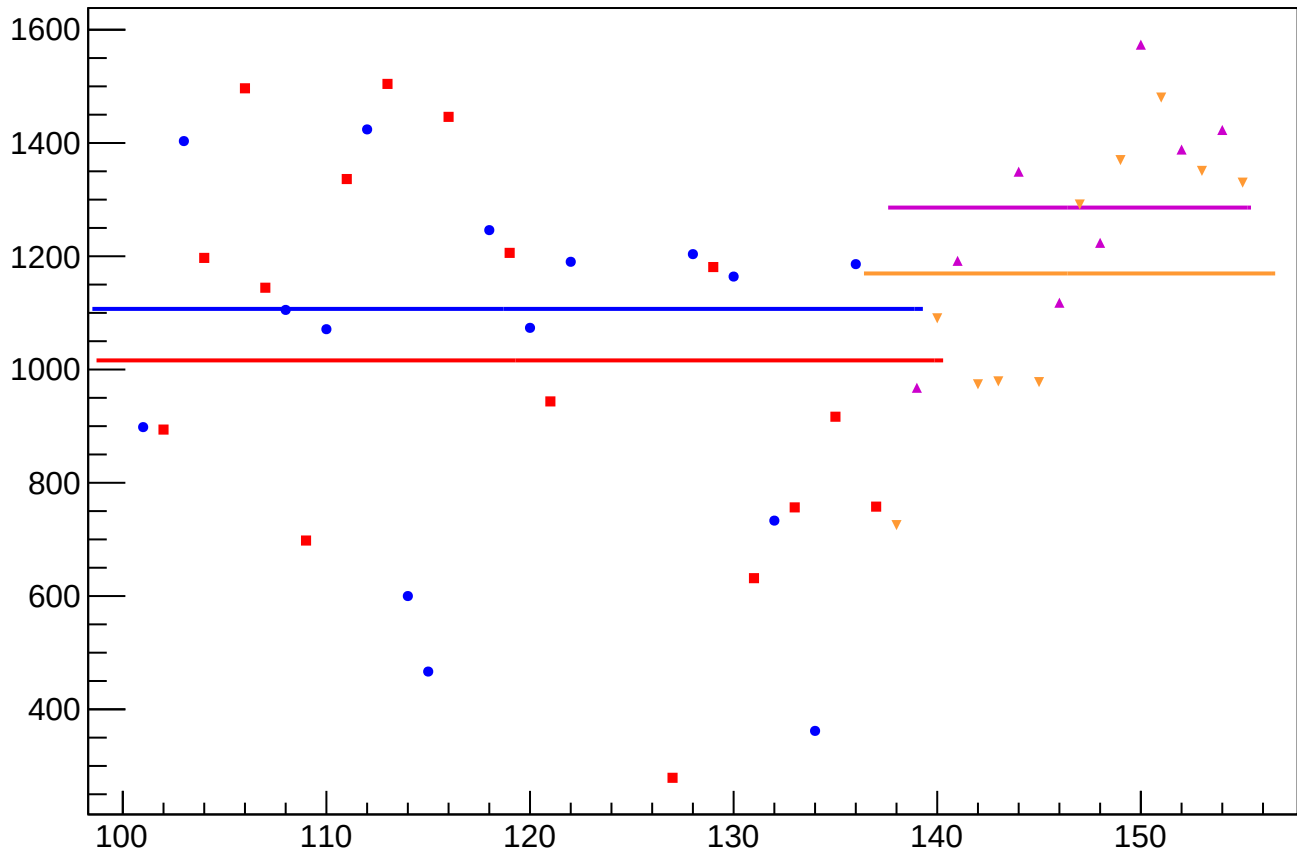
Right In: -1264.303+/-0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1244.978+/-0.000 χ^2/NDF : 48669407607193198286815135188417249280.0/9
 Right Out: -1198.483+/-0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1433.144+/-0.000 χ^2/NDF : 1856615275060051006531629265289478144.0/7
 All: -1285.215+/-0.000 χ^2/NDF : 3435117840

dit_sam7_coil4_err_mean vs Slug



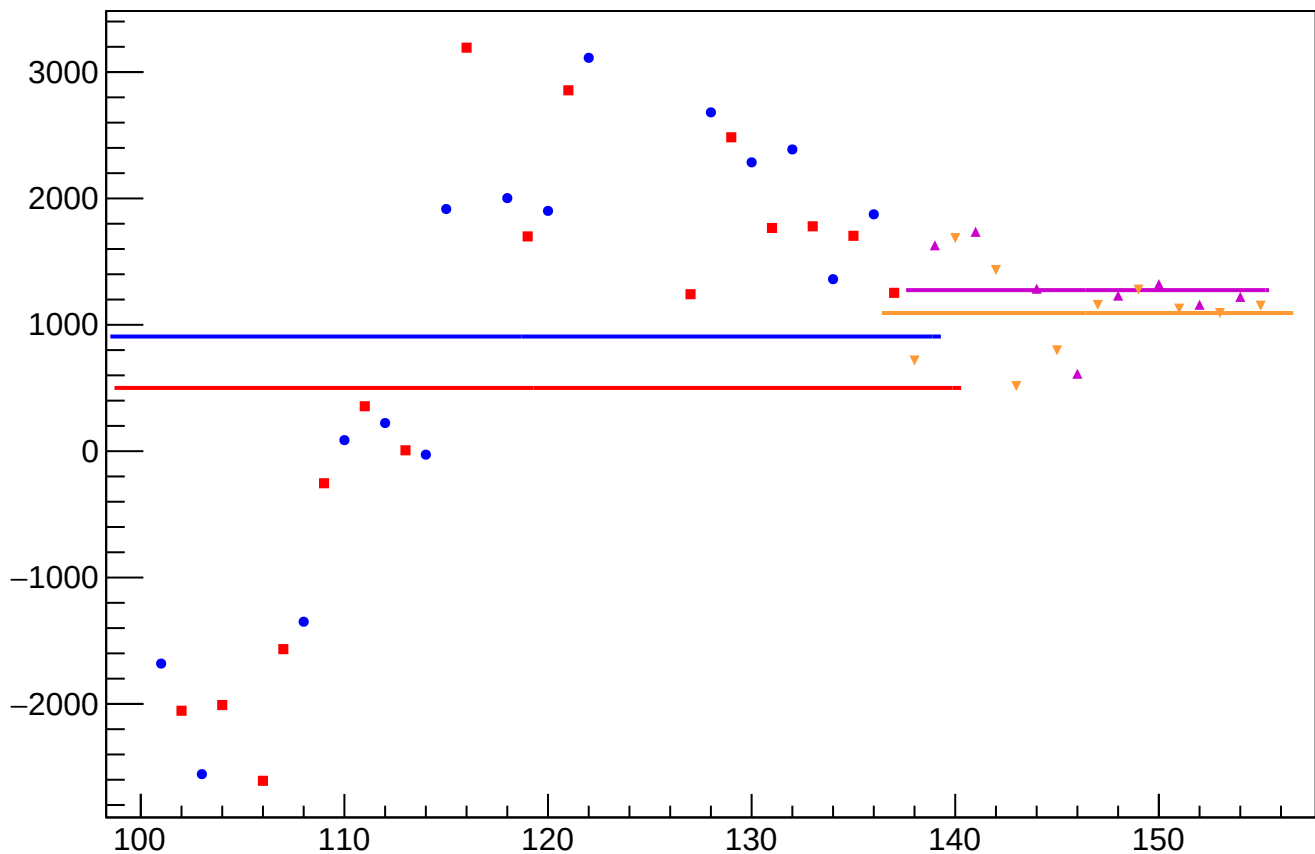
Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14
 Left Out: 170.474+/-0.000 χ^2/NDF : 2462102376103567646626548821941813248.0/9
 Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15
 Left In: 171.305+/-0.000 χ^2/NDF : 1386211182138287032135874460164030464.0/7

dit_sam7_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 +/- 0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.964 +/- 0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7

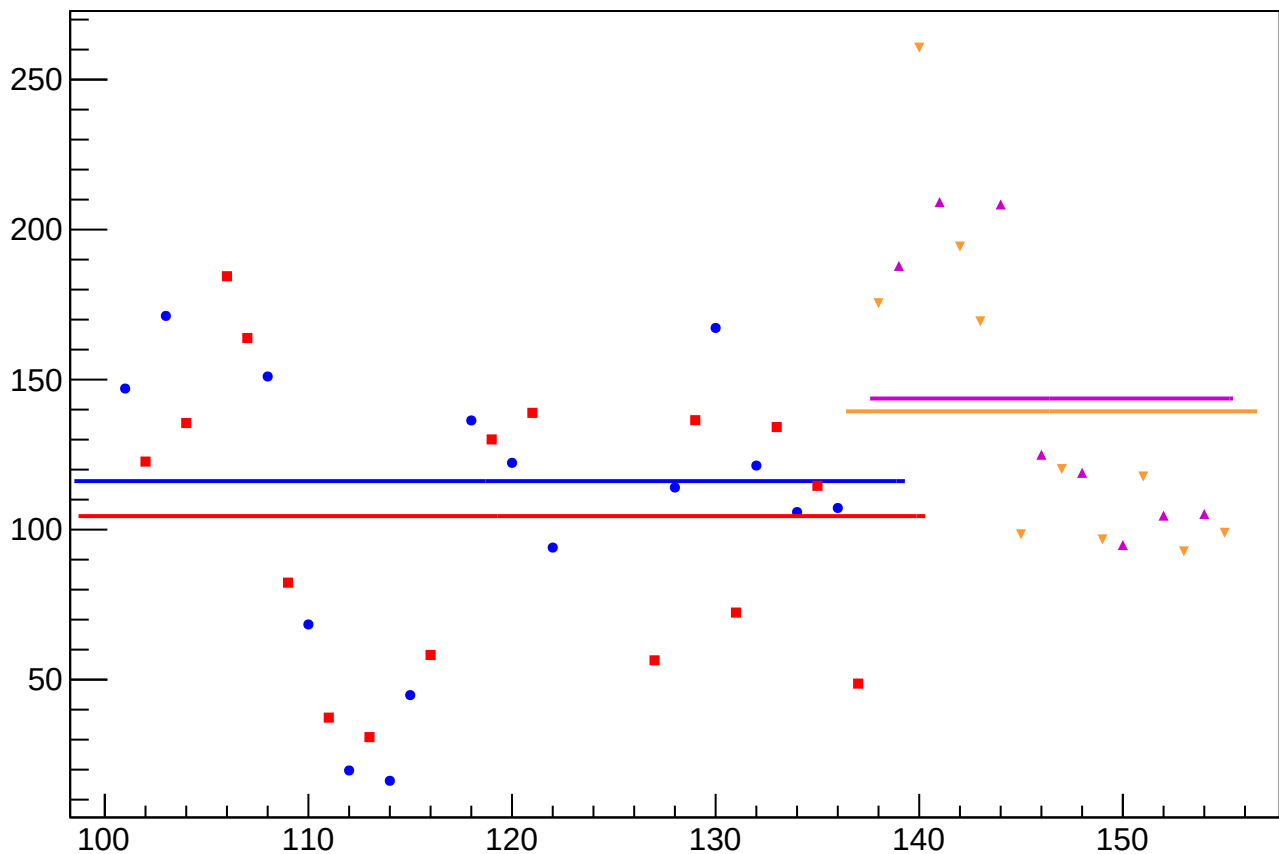
dit_sam8_coil4_mean vs Slug



Right In: 907.442 $\pm$ 0.000	χ^2 /NDF: 2107238007691848638499662178406566461440.0/14
Left Out: 1093.415 $\pm$ 0.000	χ^2 /NDF: 78195057834498995325644419946615144448.0/9
Right Out: 500.689 $\pm$ 0.000	χ^2 /NDF: 2074232918749953174436803426379074895872.0/15
Left In: 1274.539 $\pm$ 0.000	χ^2 /NDF: 66400012427178597488047480815478636544.0/7

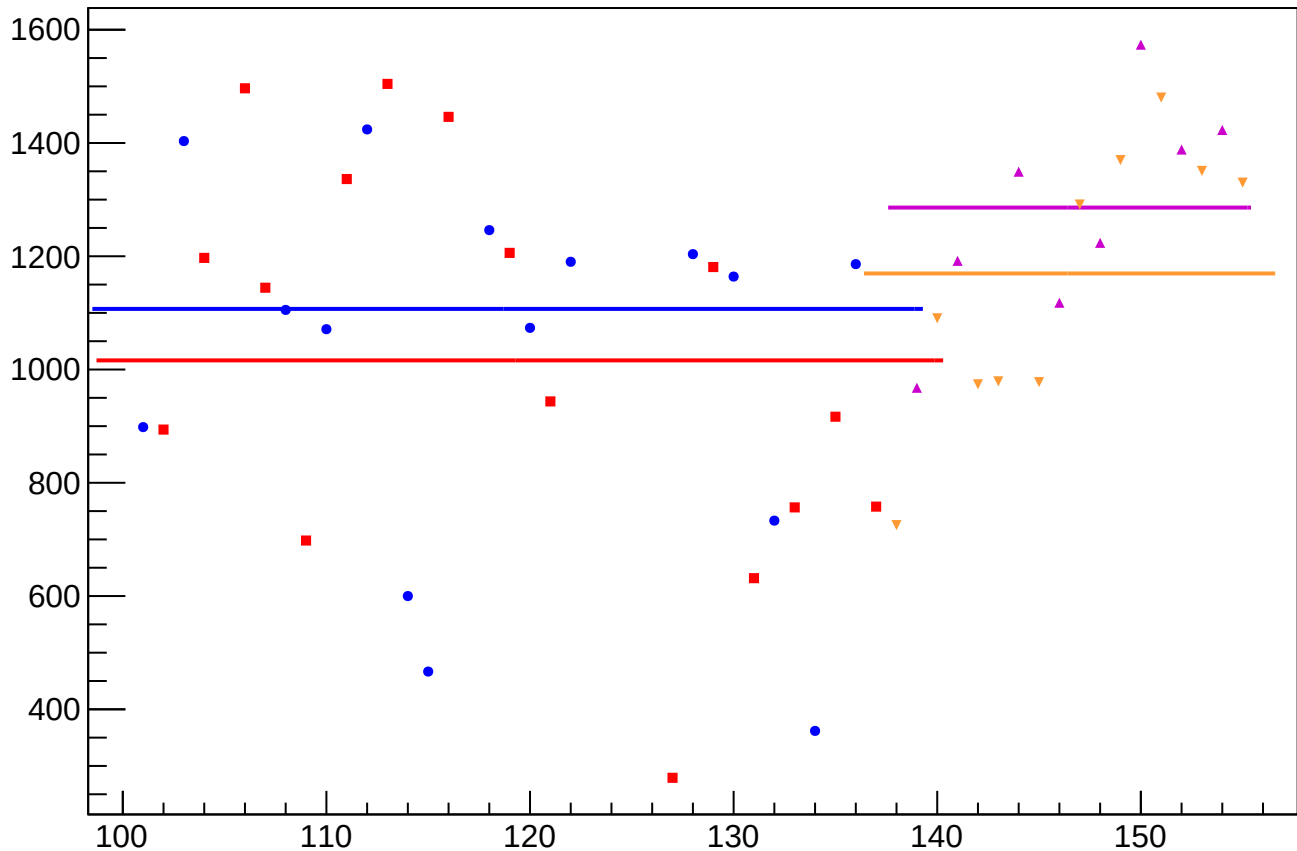
+ sign 1007.632 $\pm$ 0.000 χ^2 /NDF: 21975257544555
 All: 951.812 $\pm$ 0.000 χ^2 /NDF: 455004661623
 - sign 893.891 $\pm$ 0.000 χ^2 /NDF: 234358769628181

dit_sam8_coil4_err_mean vs Slug



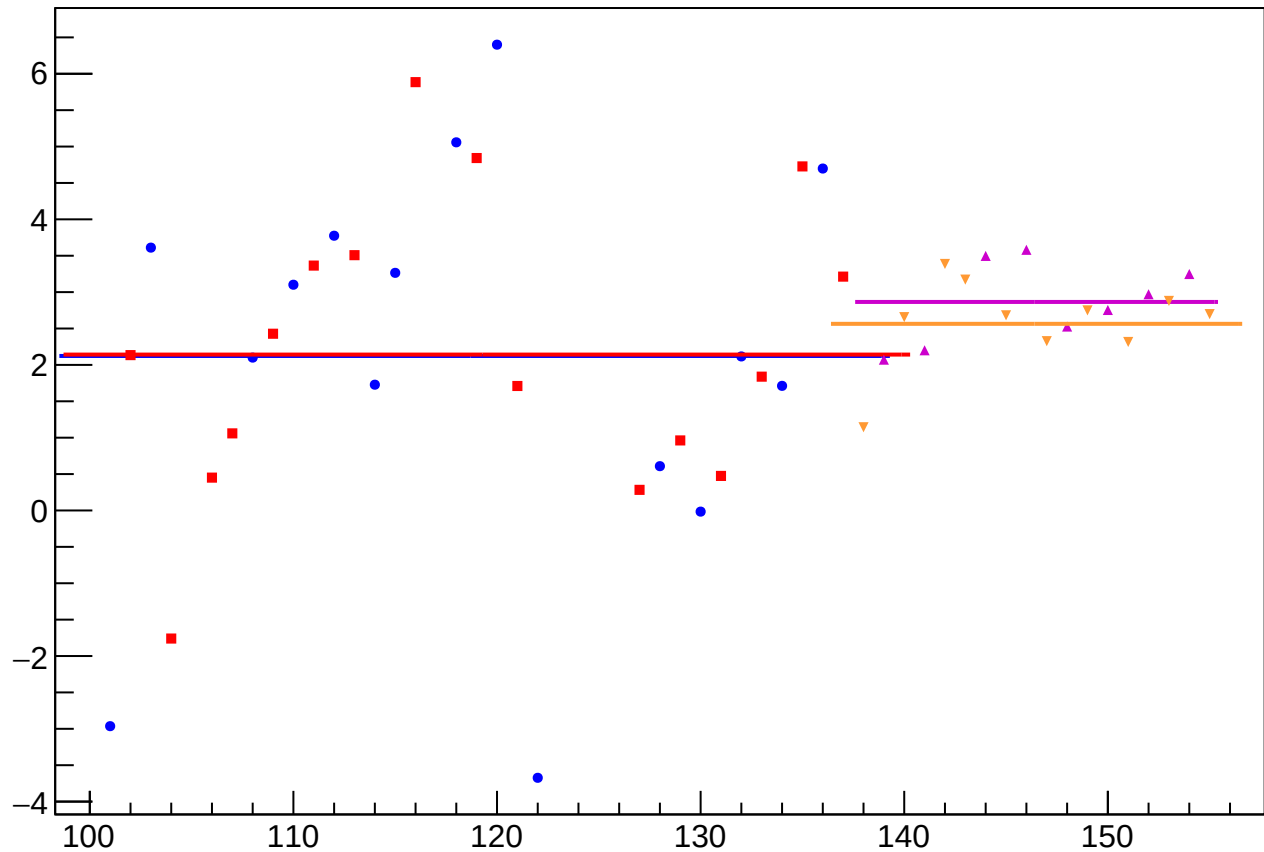
Right In: 116.159+/-0.000 χ^2/NDF : 1198526427485199785396504127288115200.0/14
 Left Out: 139.420+/-0.000 χ^2/NDF : 2176155267265765197760365202639945728.0/9
 Right Out: 104.501+/-0.000 χ^2/NDF : 1285986383644058507445602420764180480.0/15
 Left In: 143.700+/-0.000 χ^2/NDF : 1457076061780516329125599731467157504.0/7

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1169.621 +/- 0.000 χ^2/NDF : 39887430500682482778455955268272390144.0/9
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1285.964 +/- 0.000 χ^2/NDF : 22090664618145164661890170403116023808.0/7
 All: 1146.877 +/- 0.000 χ^2/NDF : 20133613255.0/14
 + sign 1140.760 +/- 0.000 χ^2/NDF : 81890056018792.0/14
 - sign 1153.224 +/- 0.000 χ^2/NDF : 11933880926309.0/14

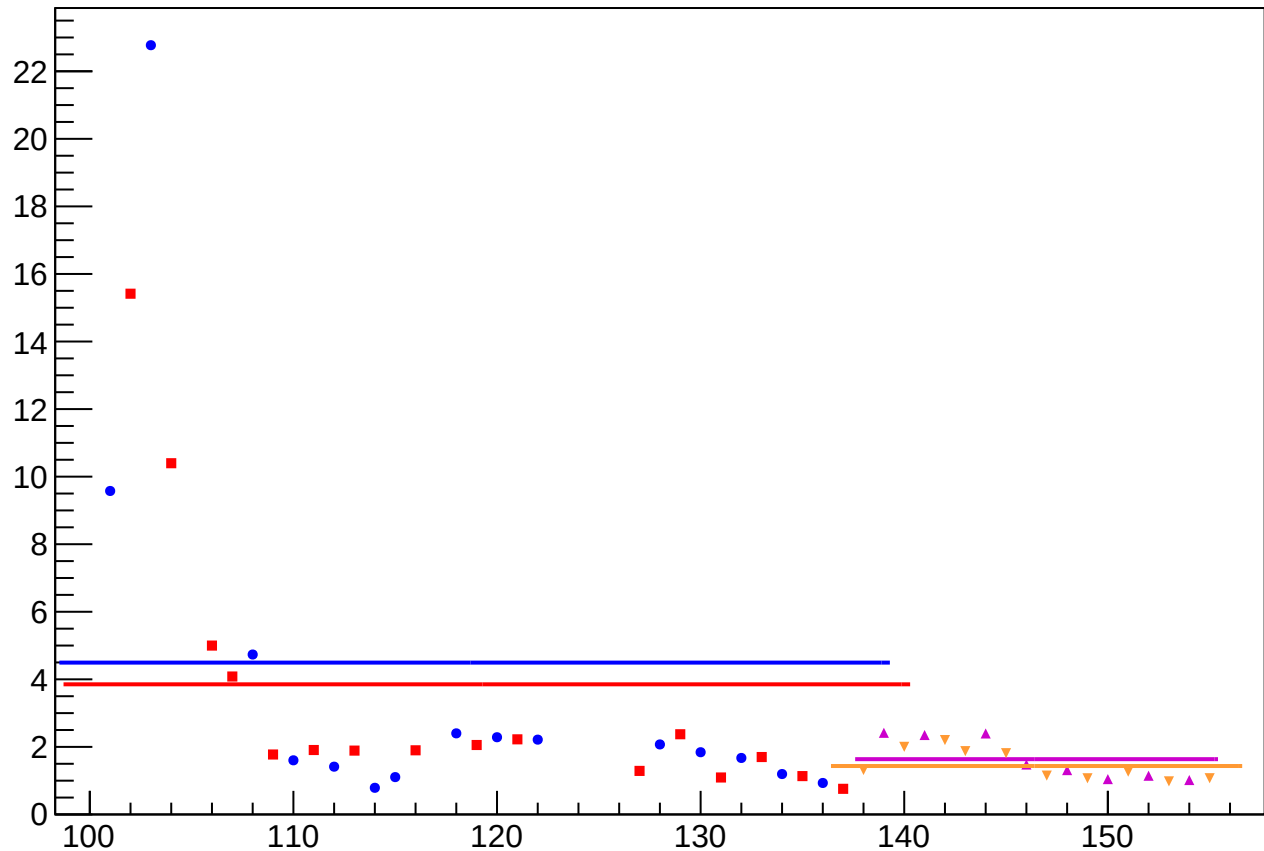
dit_4aX_coil6_mean vs Slug



Right In: 2.123+/-0.000	χ^2/NDF : 5263705922821075971022013849403392.0/14
Left Out: 2.564+/-0.000	χ^2/NDF : 237123955019053152539124319649792.0/9
Right Out: 2.142+/-0.000	χ^2/NDF : 2472949940993672466161692257026048.0/15
Left In: 2.865+/-0.000	χ^2/NDF : 191411295752764839570825682092032.0/7

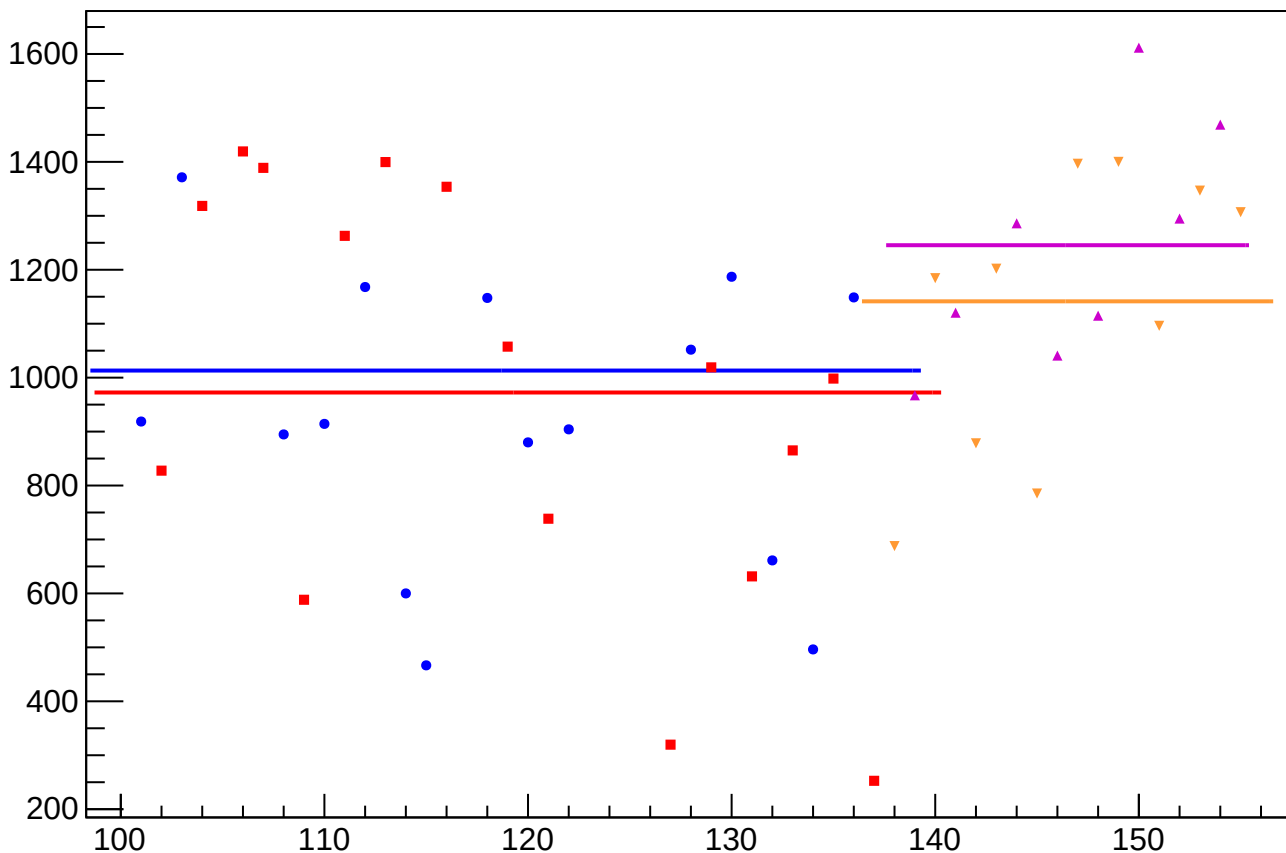
+ sign 2.361+/-0.000 χ^2/NDF : 55689571388416734
 All: 2.434+/-0.000 χ^2/NDF : 8425879480659
 - sign 2.509+/-0.000 χ^2/NDF : 28416690195654765

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14
 Left Out: 1.434 $\pm$ 0.000 χ^2 /NDF: 126852121870330448439832853086208.0/9
 Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15
 Left In: 1.637 $\pm$ 0.000 χ^2 /NDF: 241851505611519392751898104692736.0/7
 All: 2.787 $\pm$ 0.000 χ^2 /NDF: 42903934164831
 + sign 2.846 $\pm$ 0.000 χ^2 /NDF: 28673692570184696
 - sign 2.727 $\pm$ 0.000 χ^2 /NDF: 14220417811762815

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

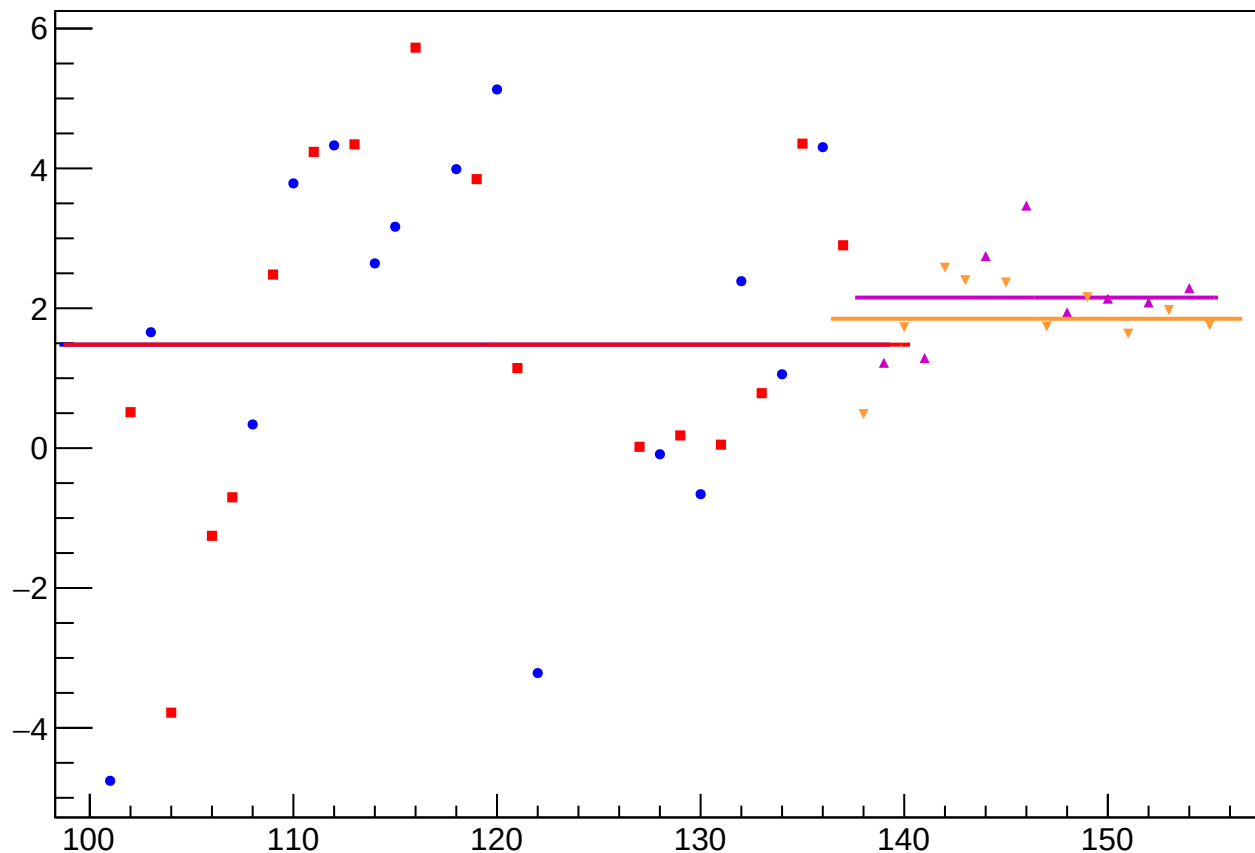
Left In: 1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

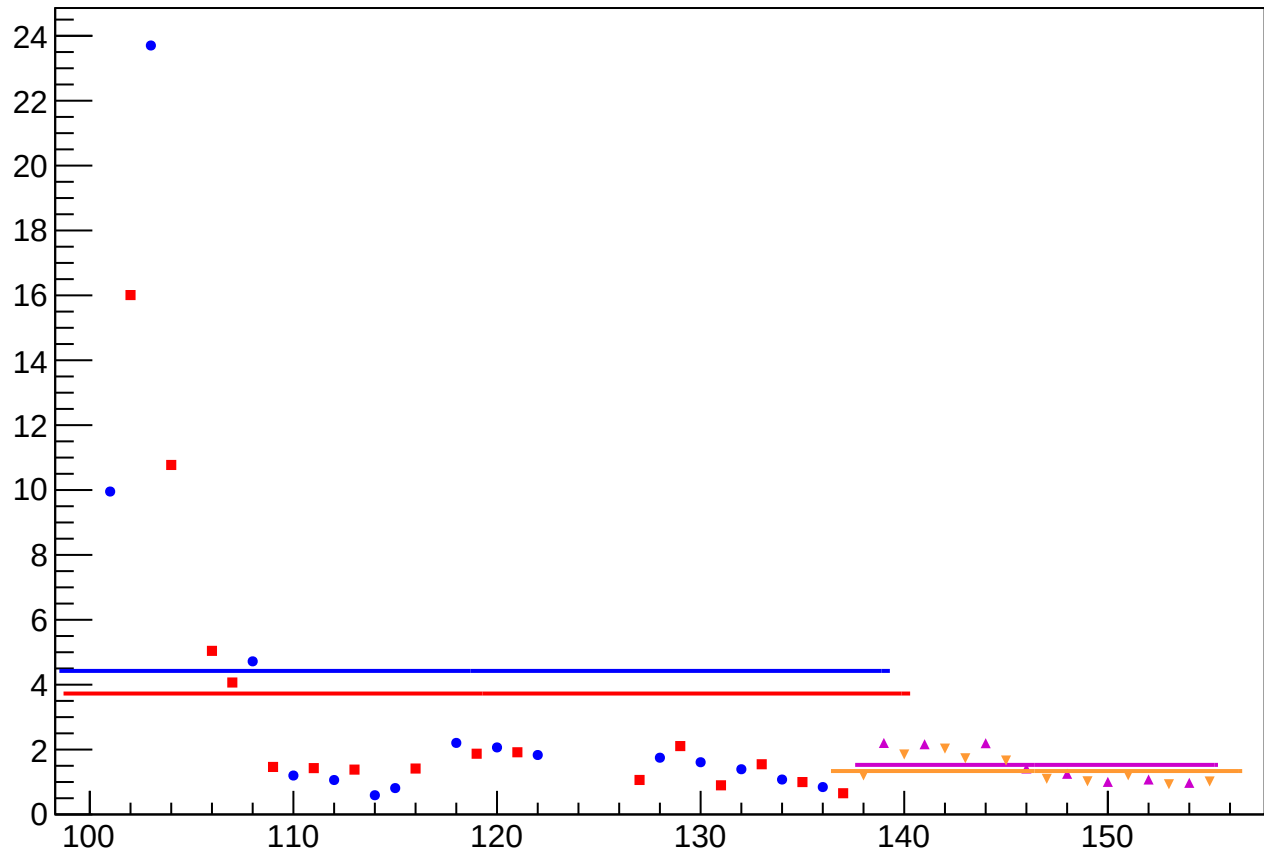
- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14
 Left Out: 1.850+/-0.000 χ^2/NDF : 227071811850112245263666969051136.0/9
 Right Out: 1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15
 Left In: 2.153+/-0.000 χ^2/NDF : 314738429342117203627831057186816.0/7

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424 $\pm$ 0.000 χ^2 /NDF: 28257459272876210608839830473277440.0/14

Left Out: 1.338 $\pm$ 0.000 χ^2 /NDF: 100260956653067201387101490774016.0/9

Right Out: 3.727 $\pm$ 0.000 χ^2 /NDF: 13991816814749842519794284853460992.0/15

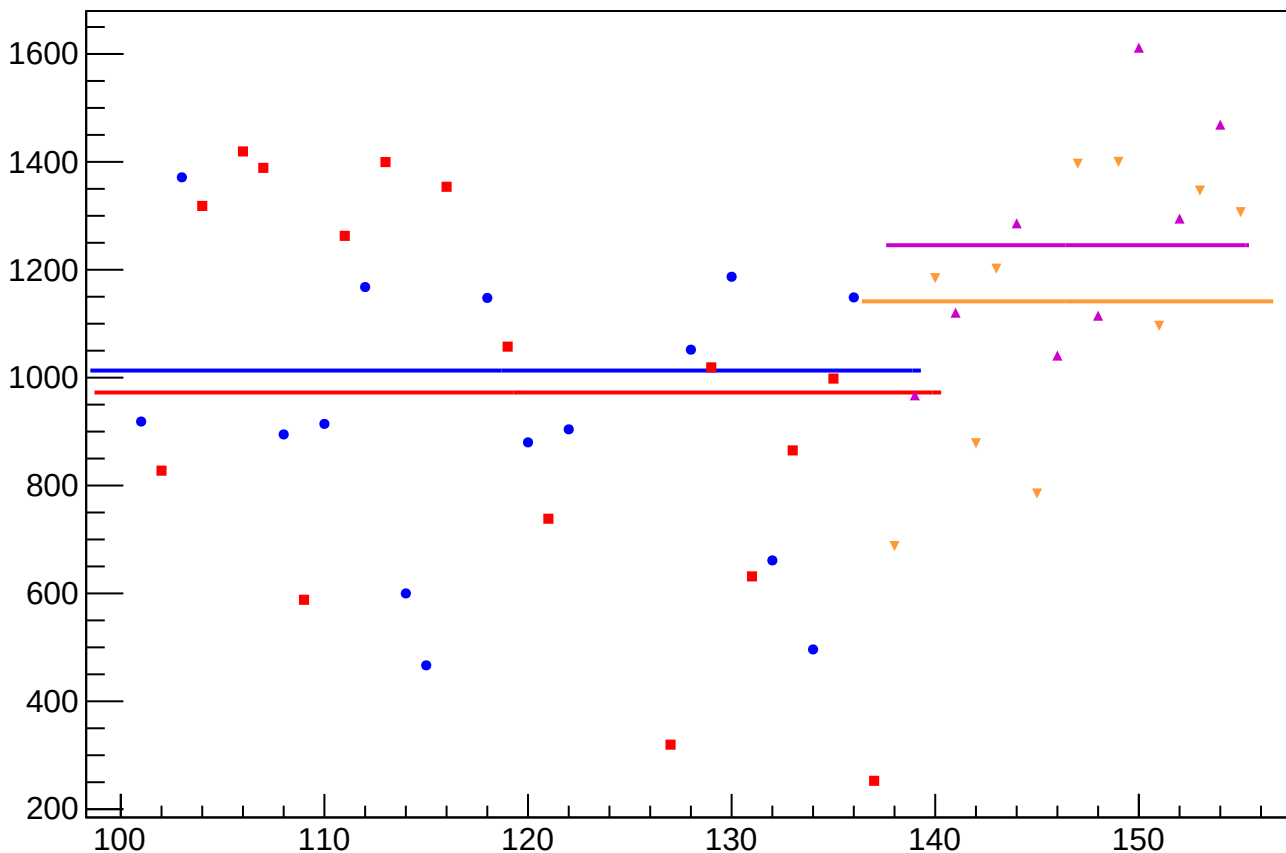
Left In: 1.528 $\pm$ 0.000 χ^2 /NDF: 188413553543029346055173401739264.0/7

+ sign 2.762 $\pm$ 0.000 χ^2 /NDF: 31688341850623648

All: 2.687 $\pm$ 0.000 χ^2 /NDF: 4752334215258

- sign 2.610 $\pm$ 0.000 χ^2 /NDF: 15819051154496825

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

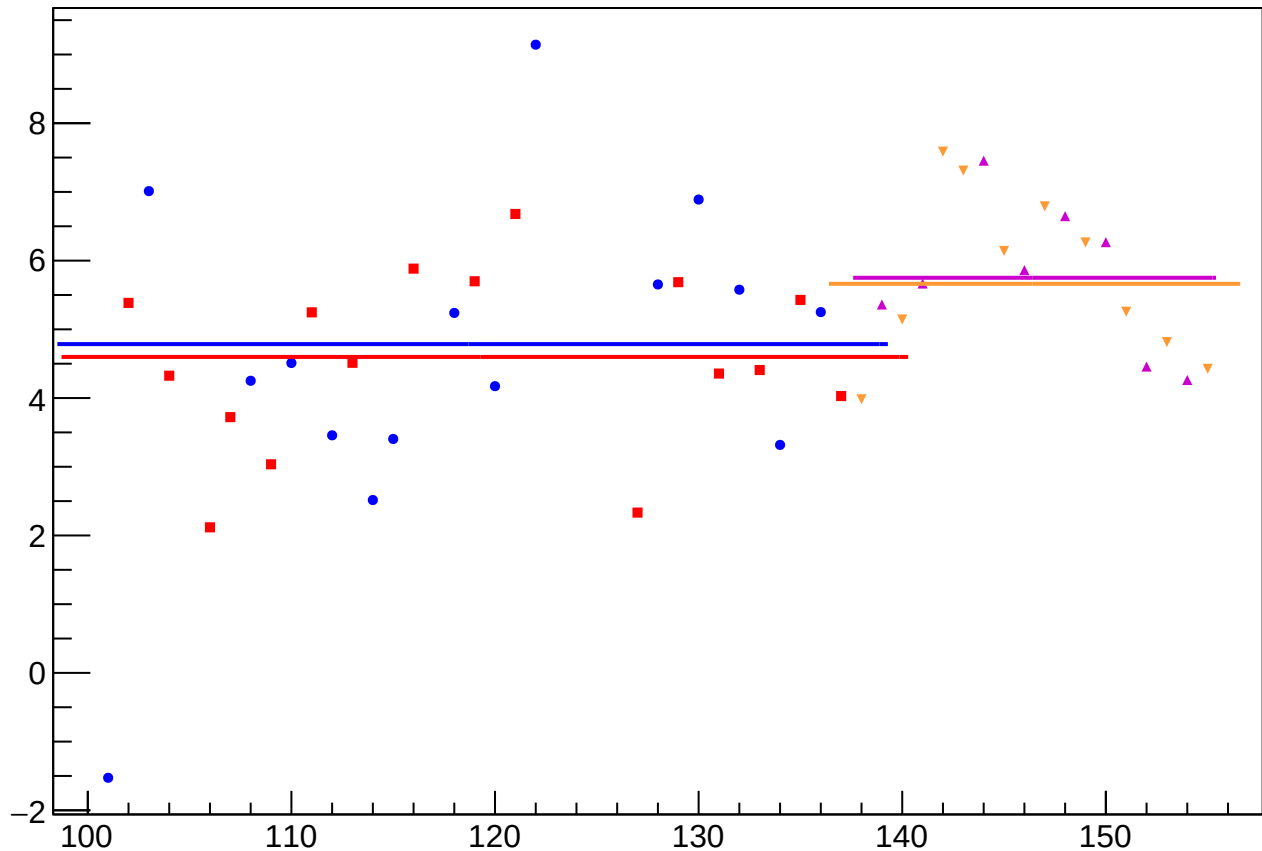
Left In: 1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

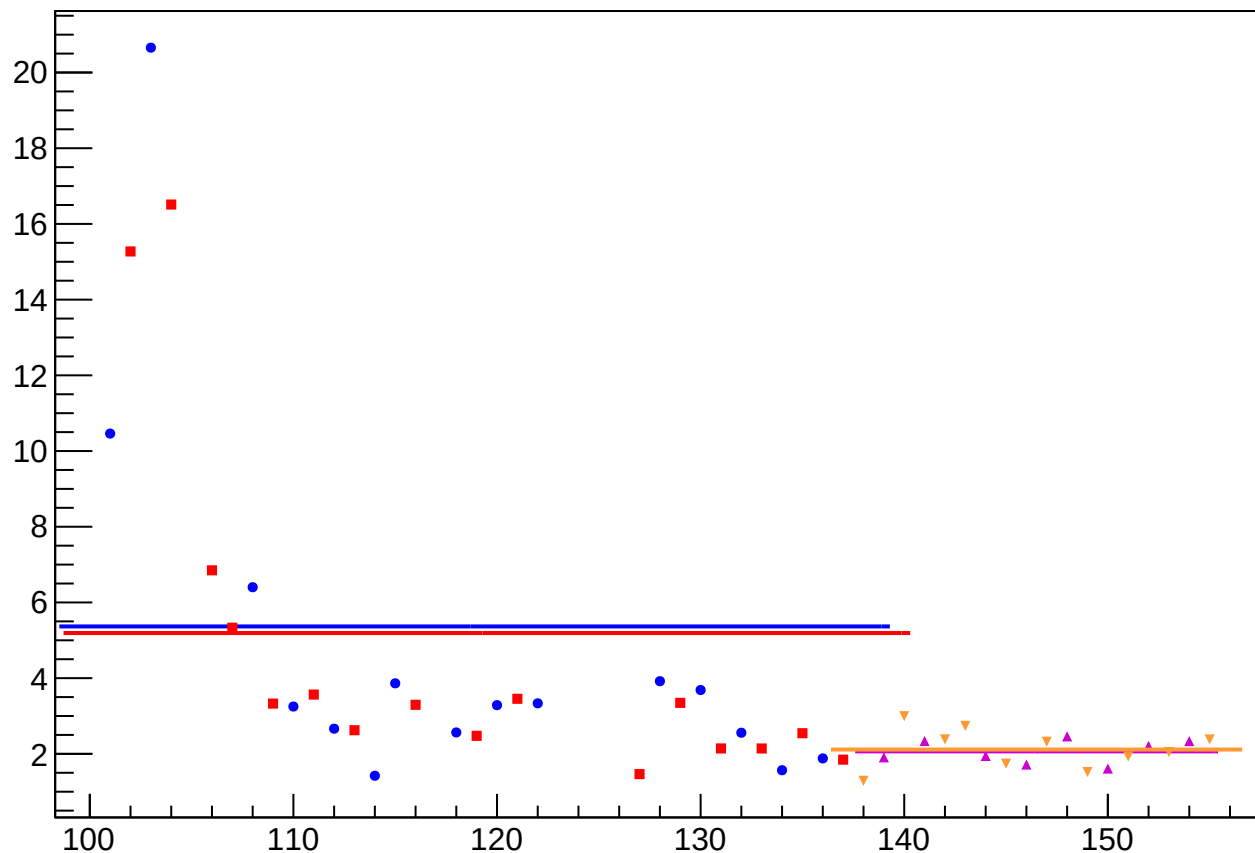
dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000	χ^2/NDF : 3996556073154779711808159470321664.0/14
Left Out: 5.663+/-0.000	χ^2/NDF : 939006947041166663423463583121408.0/9
Right Out: 4.598+/-0.000	χ^2/NDF : 989607156792948633247632779640832.0/15
Left In: 5.751+/-0.000	χ^2/NDF : 706679513832613977517502001840128.0/7

+ sign 5.258+/-0.000 χ^2/NDF : 52049552141915441
 All: 5.222+/-0.000 χ^2/NDF : 7354999905948
 - sign 5.184+/-0.000 χ^2/NDF : 21462434219441065

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.113+/-0.000 χ^2/NDF : 199237382169631790521912318230528.0/9

Right Out: 5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

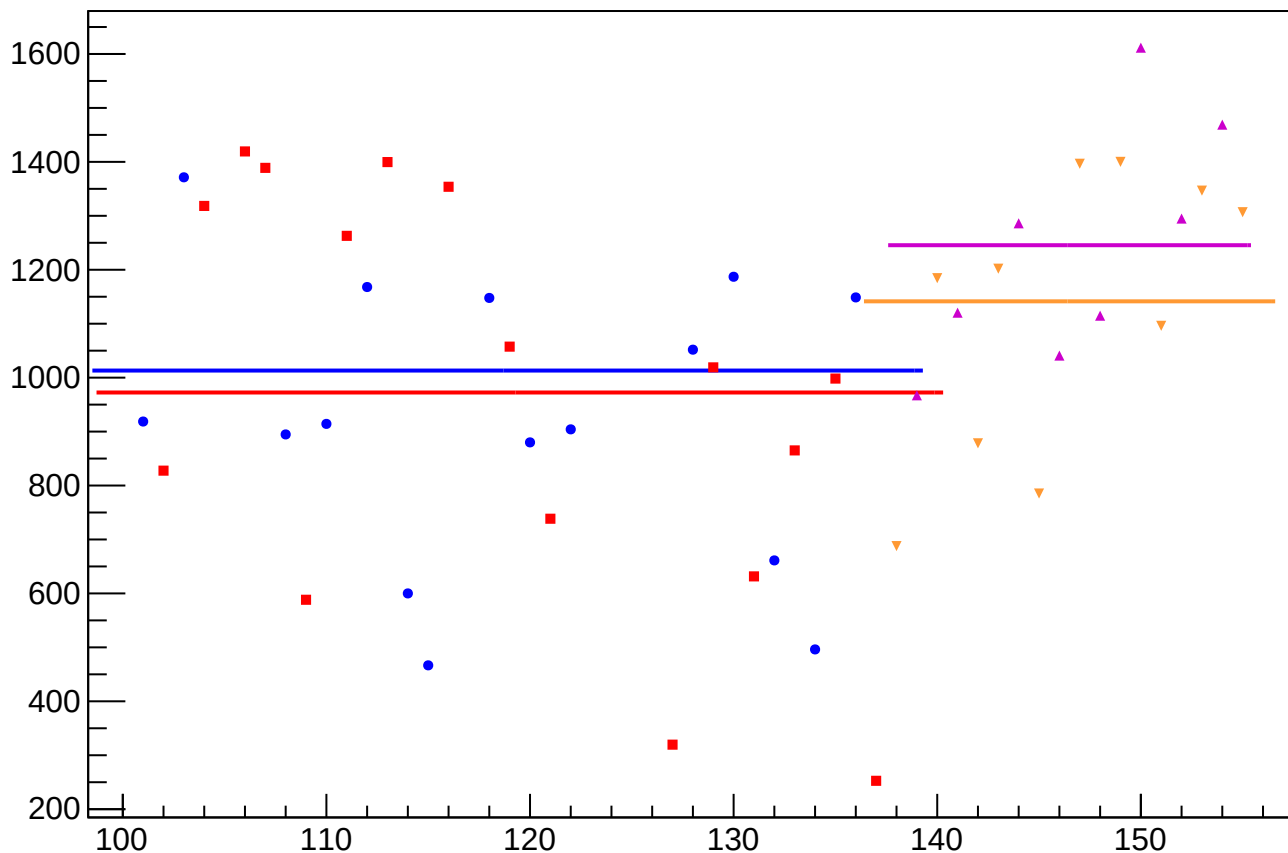
Left In: 2.065+/-0.000 χ^2/NDF : 60020520444192939998587603910656.0/7

+ sign 3.614+/-0.000 χ^2/NDF : 22679103211013254

All: 3.609+/-0.000 χ^2/NDF : 41802959151485

- sign 3.603+/-0.000 χ^2/NDF : 19123779896903296

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: 972.465+/-0.000

Left In: 1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

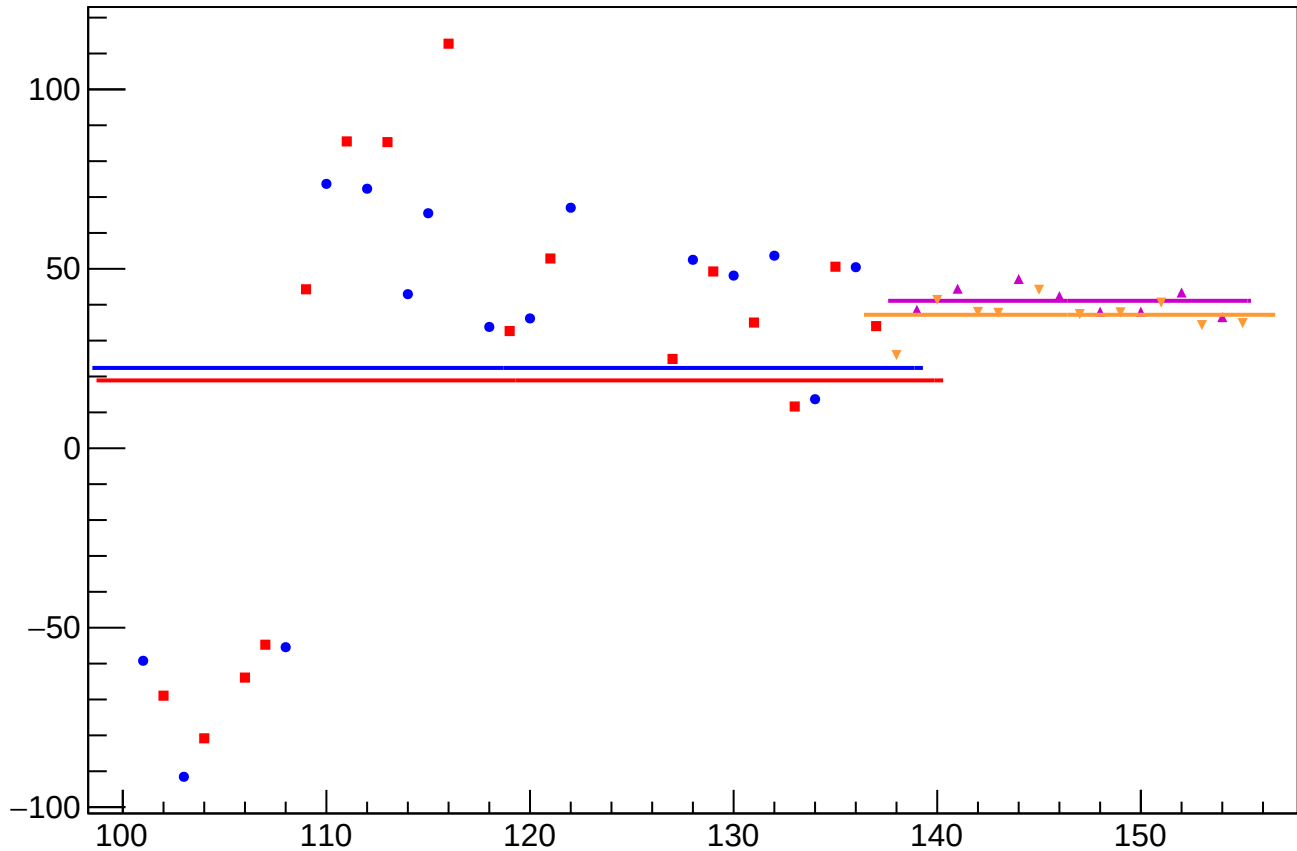
χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_4aY_coil6_mean vs Slug



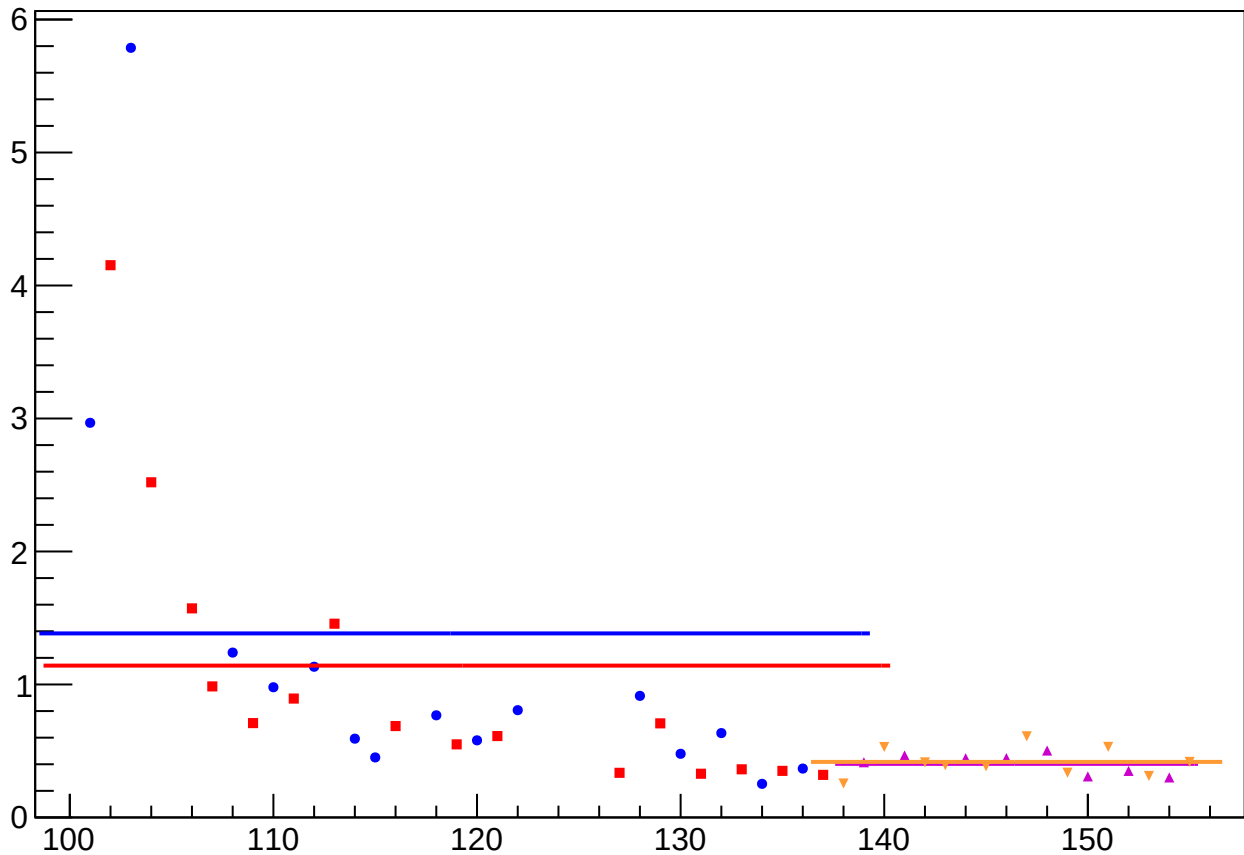
Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 37.197+/-0.000 χ^2/NDF : 17297515035071839676375451306033152.0/9

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

Left In: 41.092+/-0.000 χ^2/NDF : 8828605441751829392135879491846144.0/7

dit_4aY_coil6_err_mean vs Slug



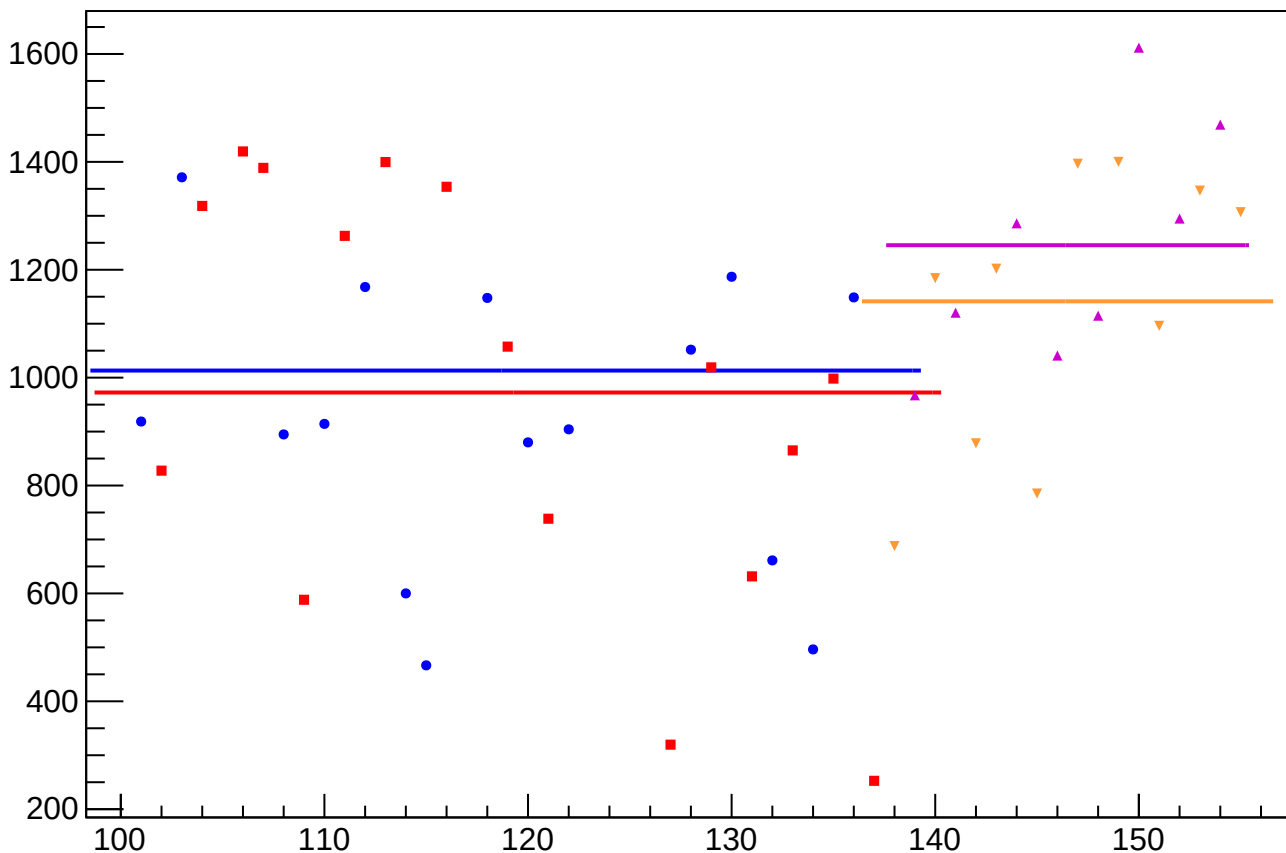
Right In: 1.384+/-0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14

Left Out: 0.418+/-0.000 χ^2/NDF : 8583723886491527463737111871488.0/9

Right Out: 1.142+/-0.000 χ^2/NDF : 810680738285448955223066212827136.0/15

Left In: 0.403+/-0.000 χ^2/NDF : 3496572166957093785476693753856.0/7

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

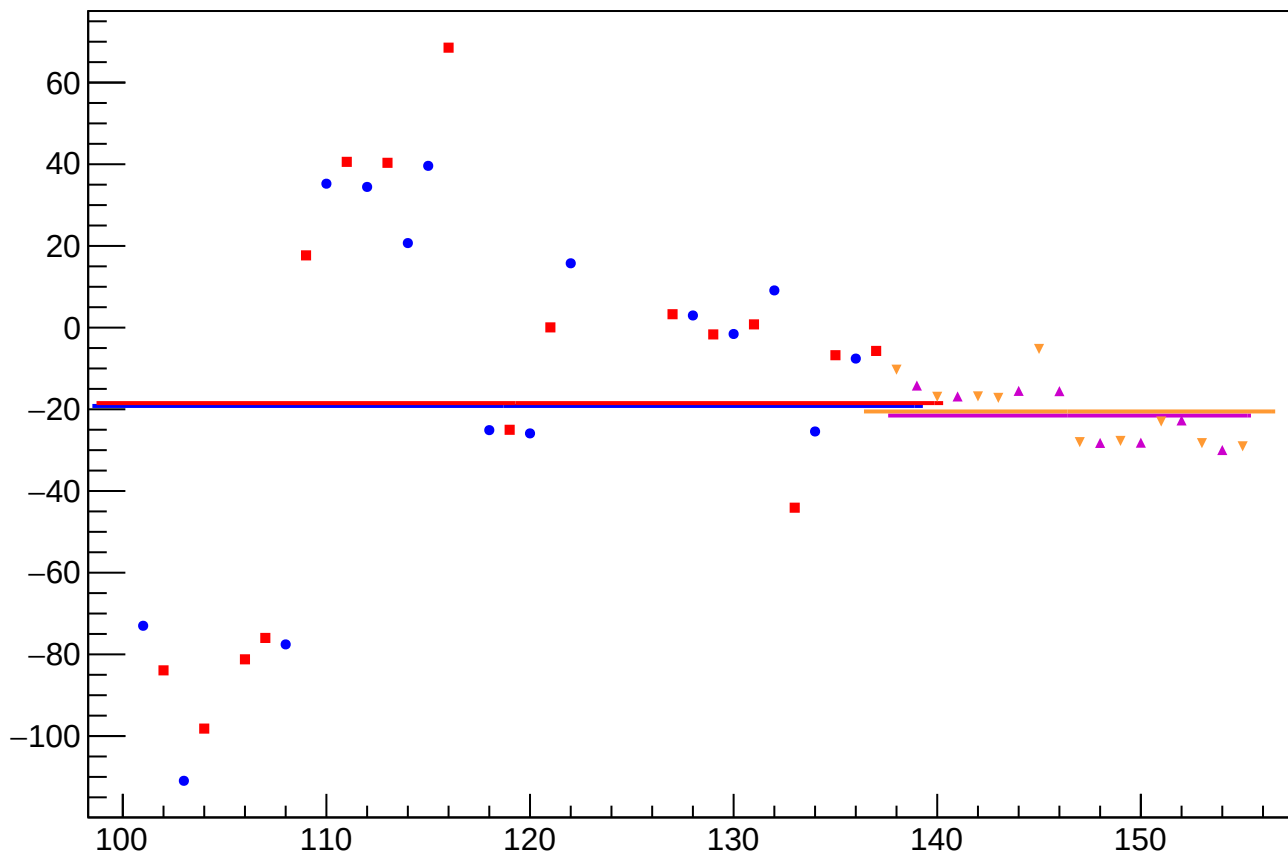
Left In: 1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_4eY_coil6_mean vs Slug



Right In: -19.175 ± 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -20.524 ± 0.000 χ^2/NDF : 49744594217166647531549214745034752.0/9

Right Out: -18.479 ± 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

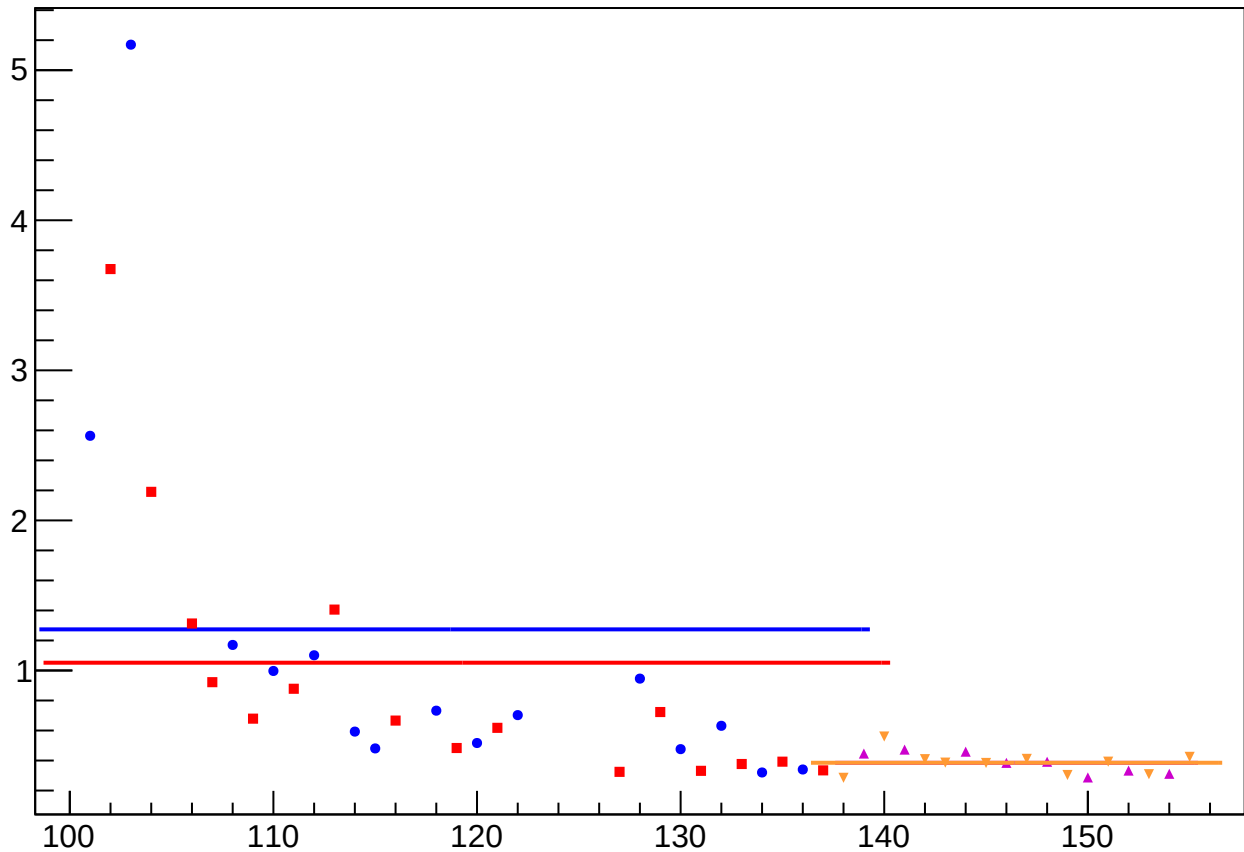
Left In: -21.521 ± 0.000 χ^2/NDF : 26682956522061967697396231649099776.0/7

+ sign -19.902 ± 0.000 χ^2/NDF : 129674576764532

All: -19.962 ± 0.000 χ^2/NDF : 281597319434

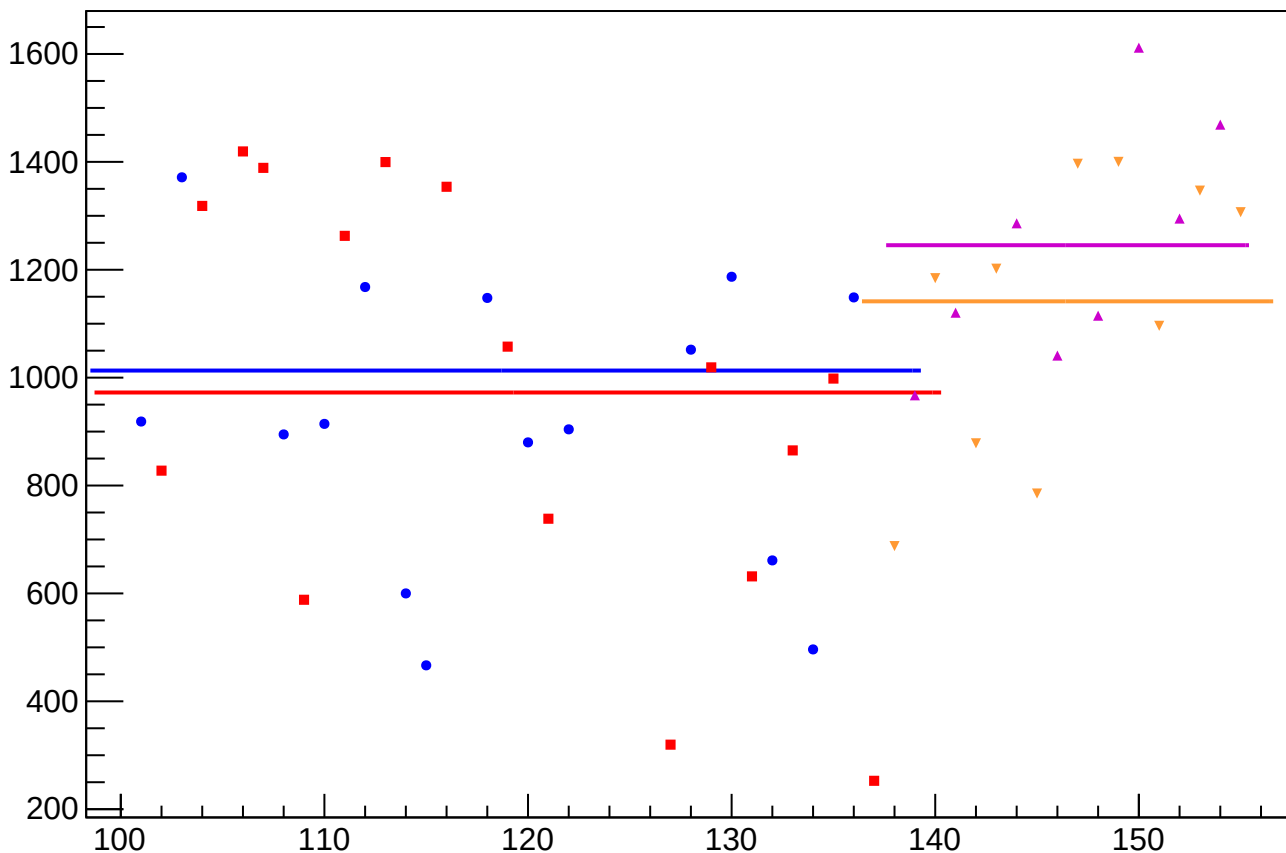
- sign -20.025 ± 0.000 χ^2/NDF : 1519217040907546

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 ± 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.385 ± 0.000 χ^2/NDF : 4549012083405442840638617812992.0/9
 Right Out: 1.052 ± 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: 0.385 ± 0.000 χ^2/NDF : 3035522758377891214581114601472.0/7

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

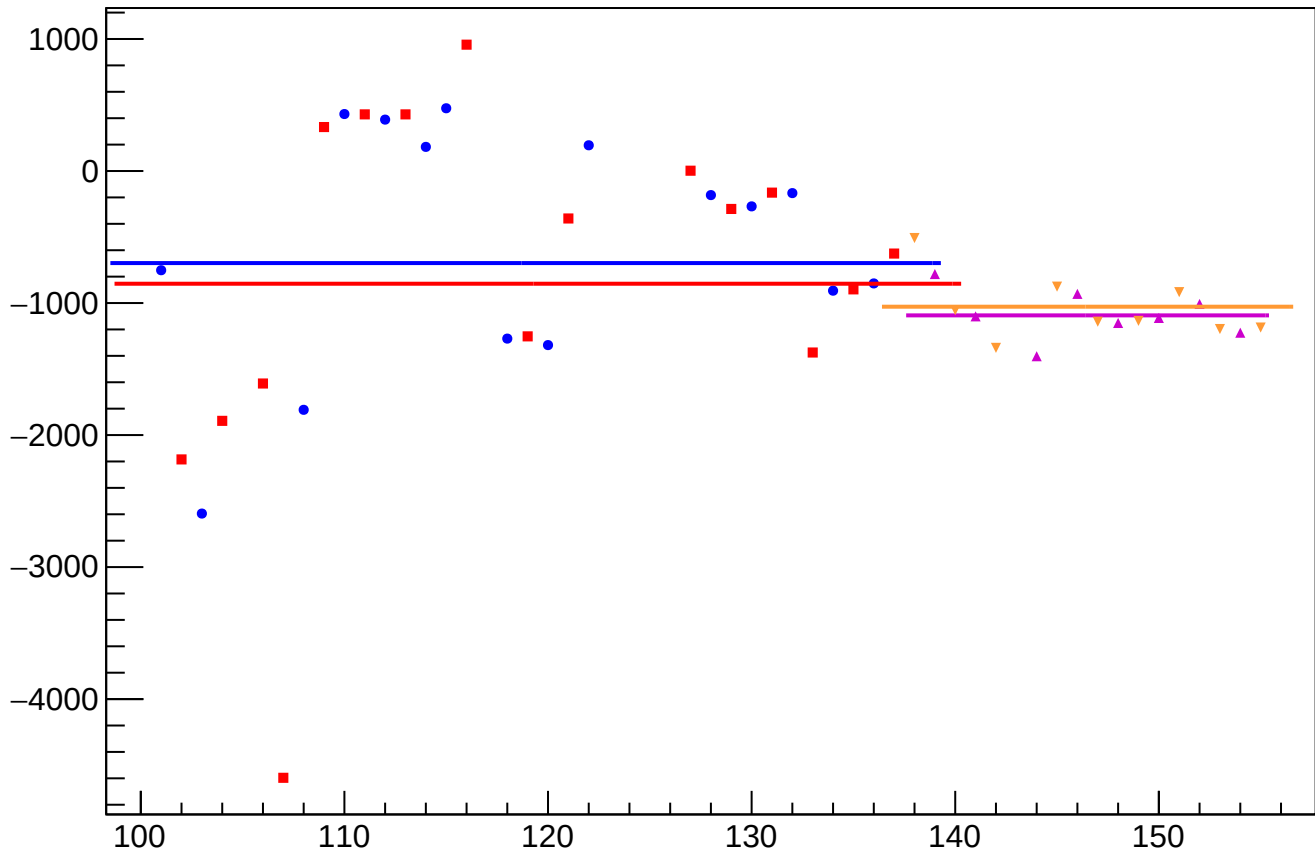
Left In: 1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

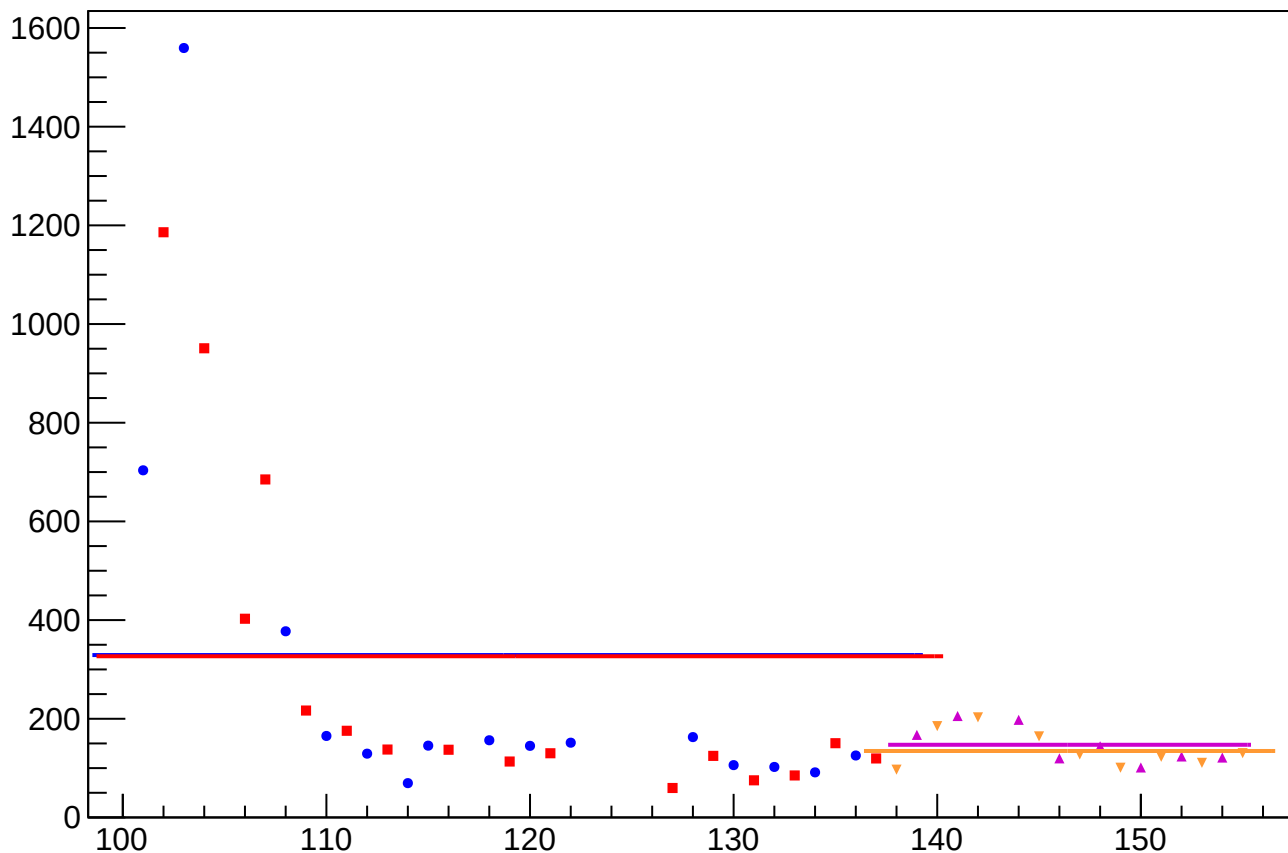
- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_usl_coil6_mean vs Slug



Right In: -697.283 ± 0.000 χ^2/NDF : 490435790698133828475769692944364208128.0/14
 Left Out: -1027.753 ± 0.000 χ^2/NDF : 34836744412377876587952625051540389888.0/8
 Right Out: -853.734 ± 0.000 χ^2/NDF : 1078379020126412317155932275156201766912.0/15
 Left In: -1093.449 ± 0.000 χ^2/NDF : 21167539771276414657483454465305477120.0/7

dit_usl_coil6_err_mean vs Slug



Right In: 329.108 $\pm$ 0.000 χ^2 /NDF: 116863820700538623524207945698672377856.0/14

Left Out: 134.713 $\pm$ 0.000 χ^2 /NDF: 766231978812589444626369181682499584.0/8

Right Out: 326.695 $\pm$ 0.000 χ^2 /NDF: 87569123354318020688611028415151079424.0/15

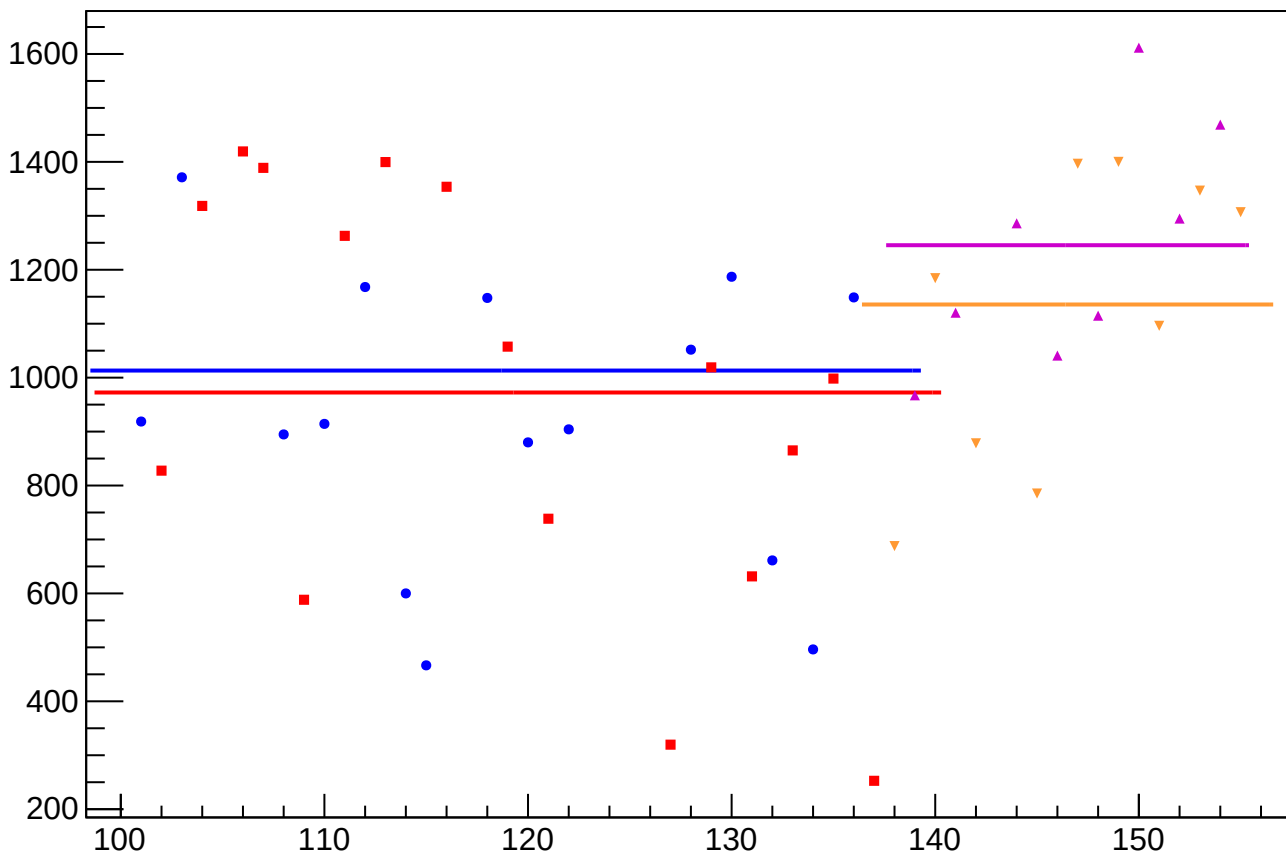
Left In: 147.292 $\pm$ 0.000 χ^2 /NDF: 913817940657155350114343527204782080.0/7

+ sign 228.864 $\pm$ 0.000 χ^2 /NDF: 130277049255689

All: 232.221 $\pm$ 0.000 χ^2 /NDF: 229697992540

- sign 235.538 $\pm$ 0.000 χ^2 /NDF: 993909250254740

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1135.598+/-0.000

Right Out: 972.465+/-0.000

Left In: 1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

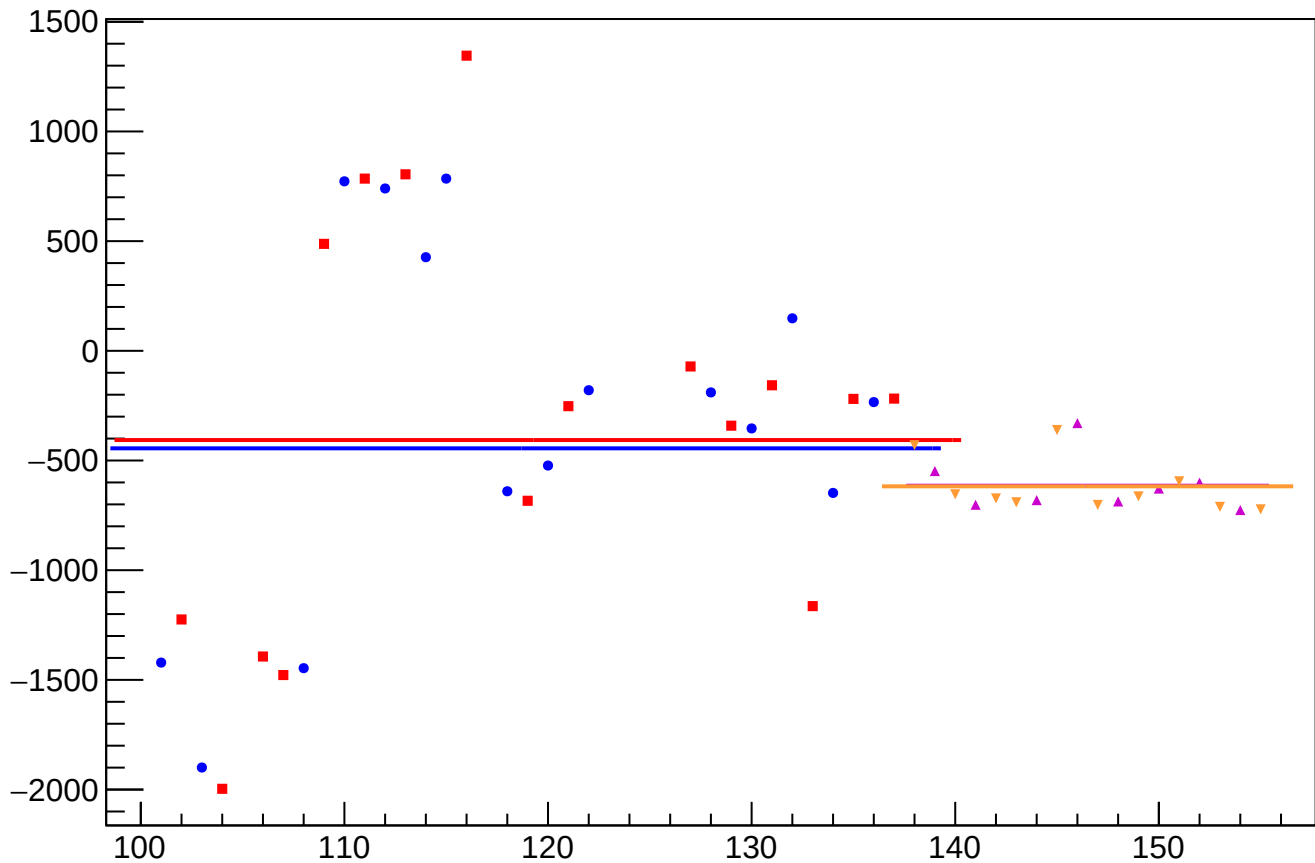
+ sign 1076.291+/-0.000 χ^2/NDF : 83005889869864

χ^2/NDF : 46266455718090758780602653059588292608.0/8

All: 1093.850+/-0.000 χ^2/NDF : 21749635112

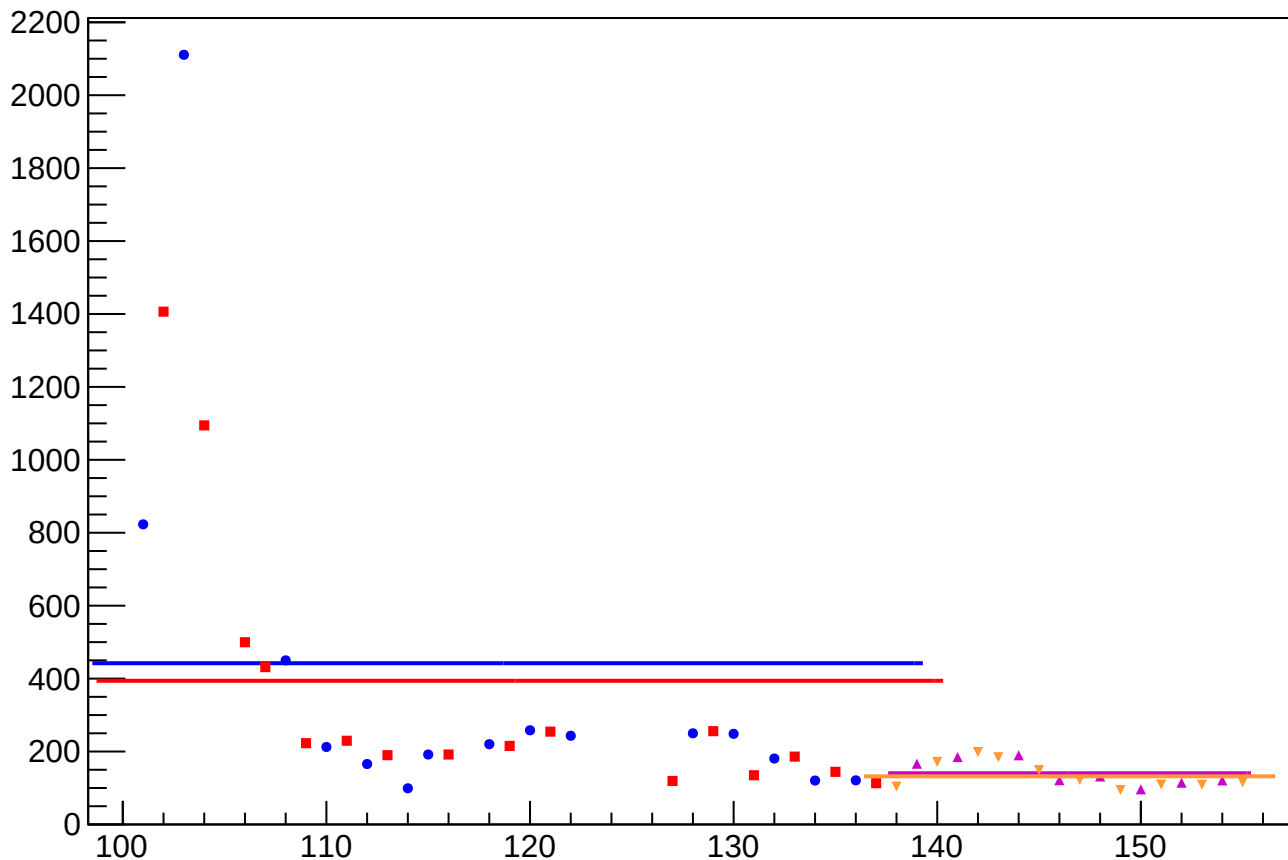
- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_usr_coil6_mean vs Slug



Right In: -444.512+/-0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14
 Left Out: -617.716+/-0.000 χ^2/NDF : 11089727436516377387996226716860153856.0/9
 Right Out: -406.729+/-0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15
 Left In: -614.860+/-0.000 χ^2/NDF : 9712000774725995292312246486346760192.0/7

dit_usr_coil6_err_mean vs Slug



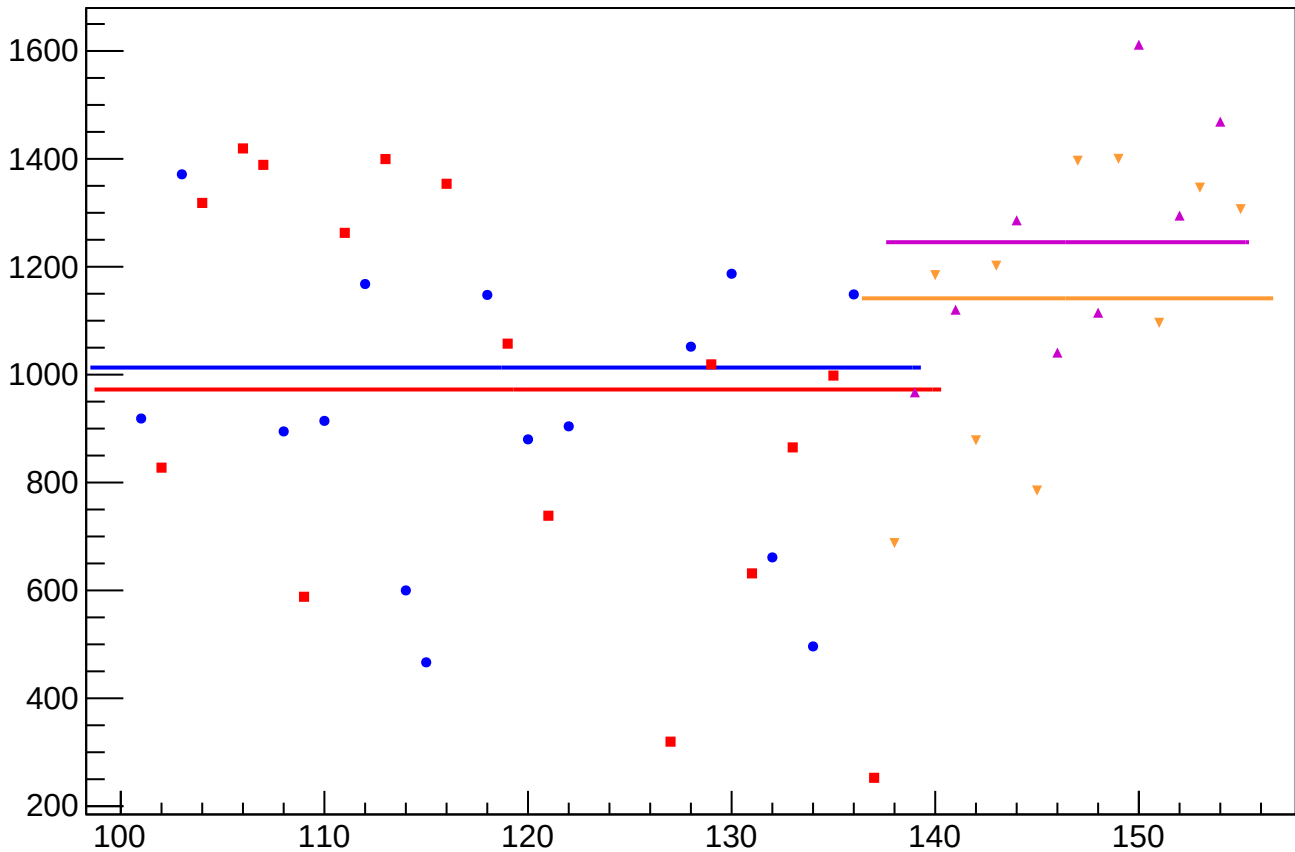
Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 132.040+/-0.000 χ^2/NDF : 831087219713607537194748769606828032.0/9

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

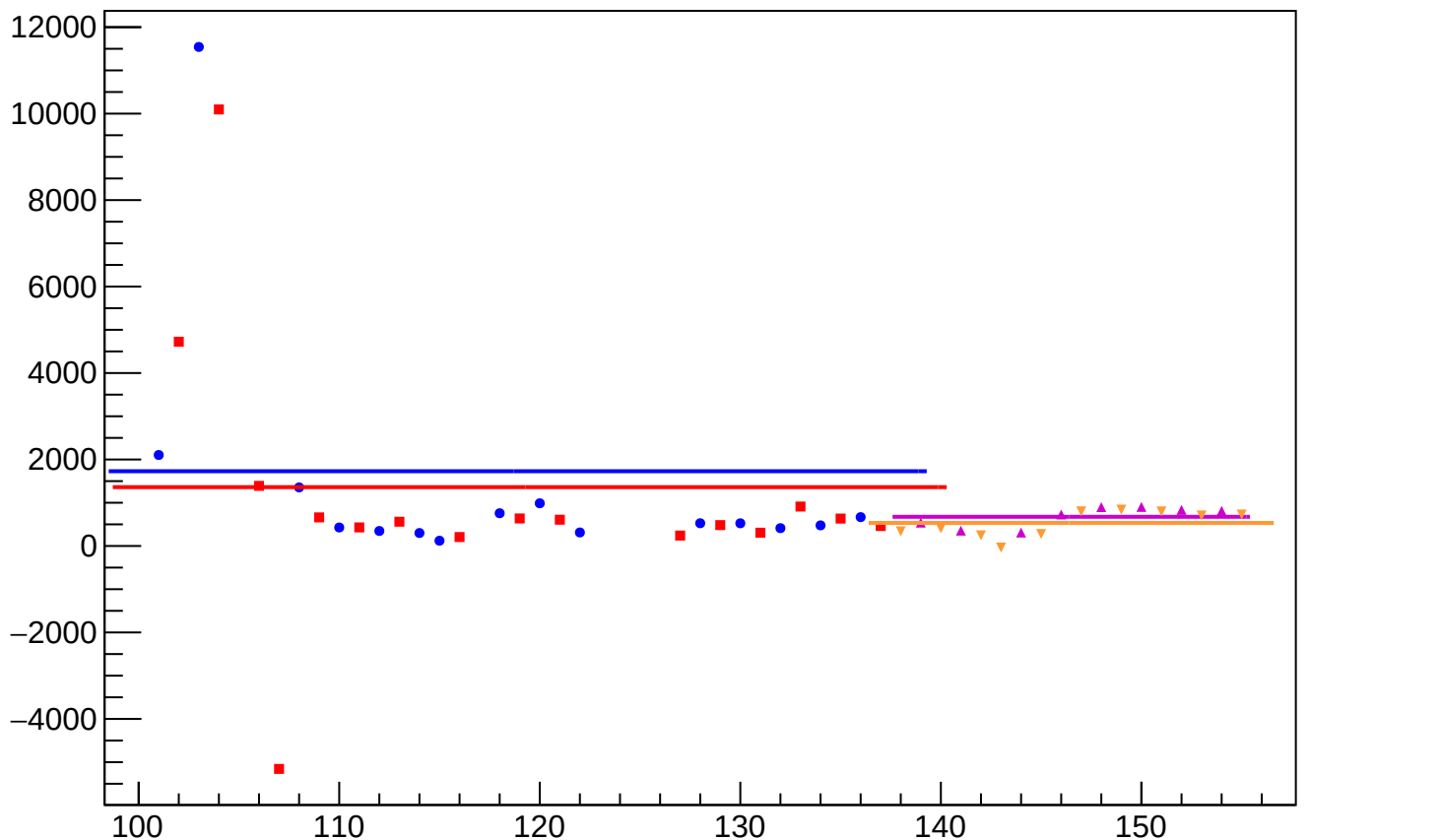
Left In: 140.384+/-0.000 χ^2/NDF : 745628194572388631420426233030115328.0/7

dit_usr_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7

dit_atl1_coil6_mean vs Slug



Right In: 1729.013 ± 0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 533.065 ± 0.000 χ^2/NDF : 59677179099600753924782714978241085440.0/9
 Right Out: 1360.914 ± 0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 674.808 ± 0.000 χ^2/NDF : 35090373497712275082845969455335342080.0/7

dit_atl1_coil6_err_mean vs Slug



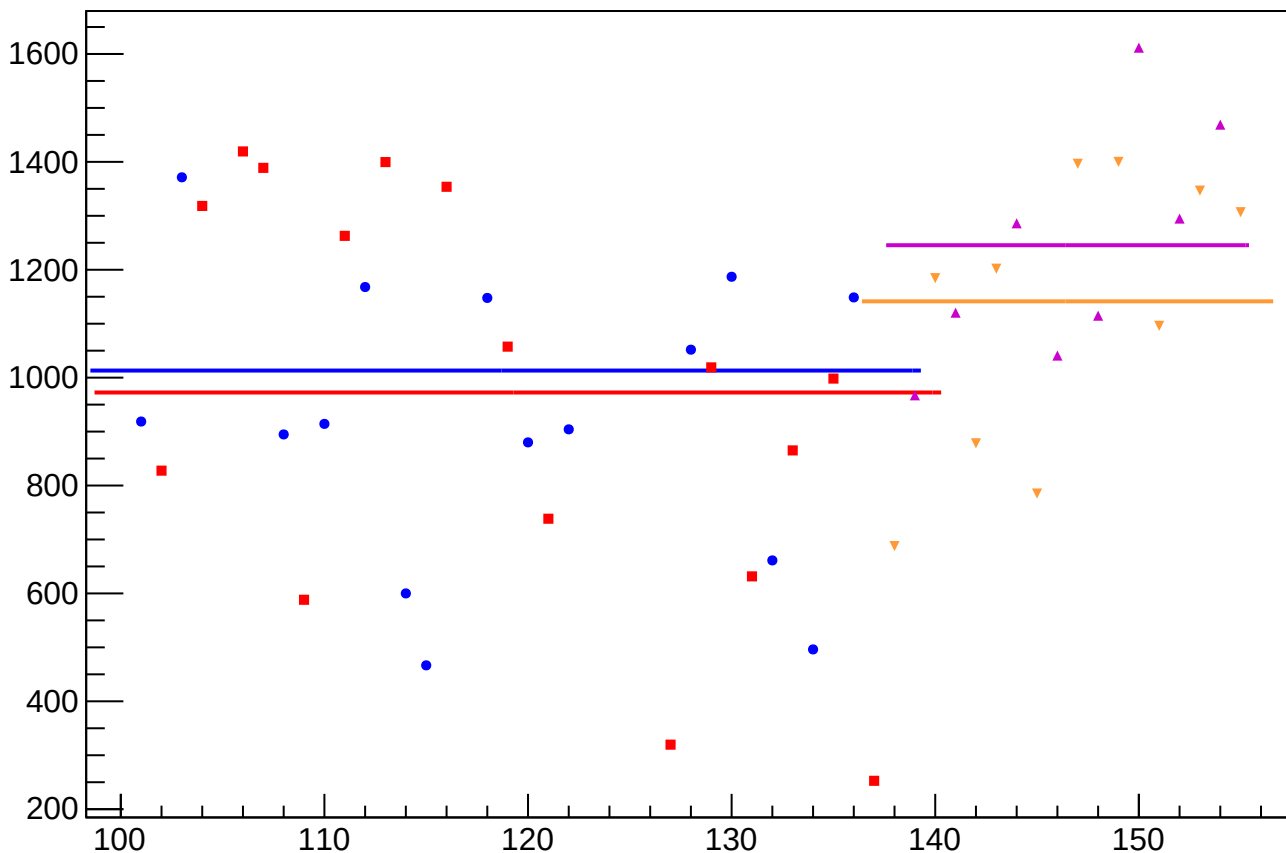
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 129.929+/-0.000 χ^2/NDF : 886446582845943250441615701849407488.0/9

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

Left In: 139.437+/-0.000 χ^2/NDF : 916295728366817808787622873127714816.0/7

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

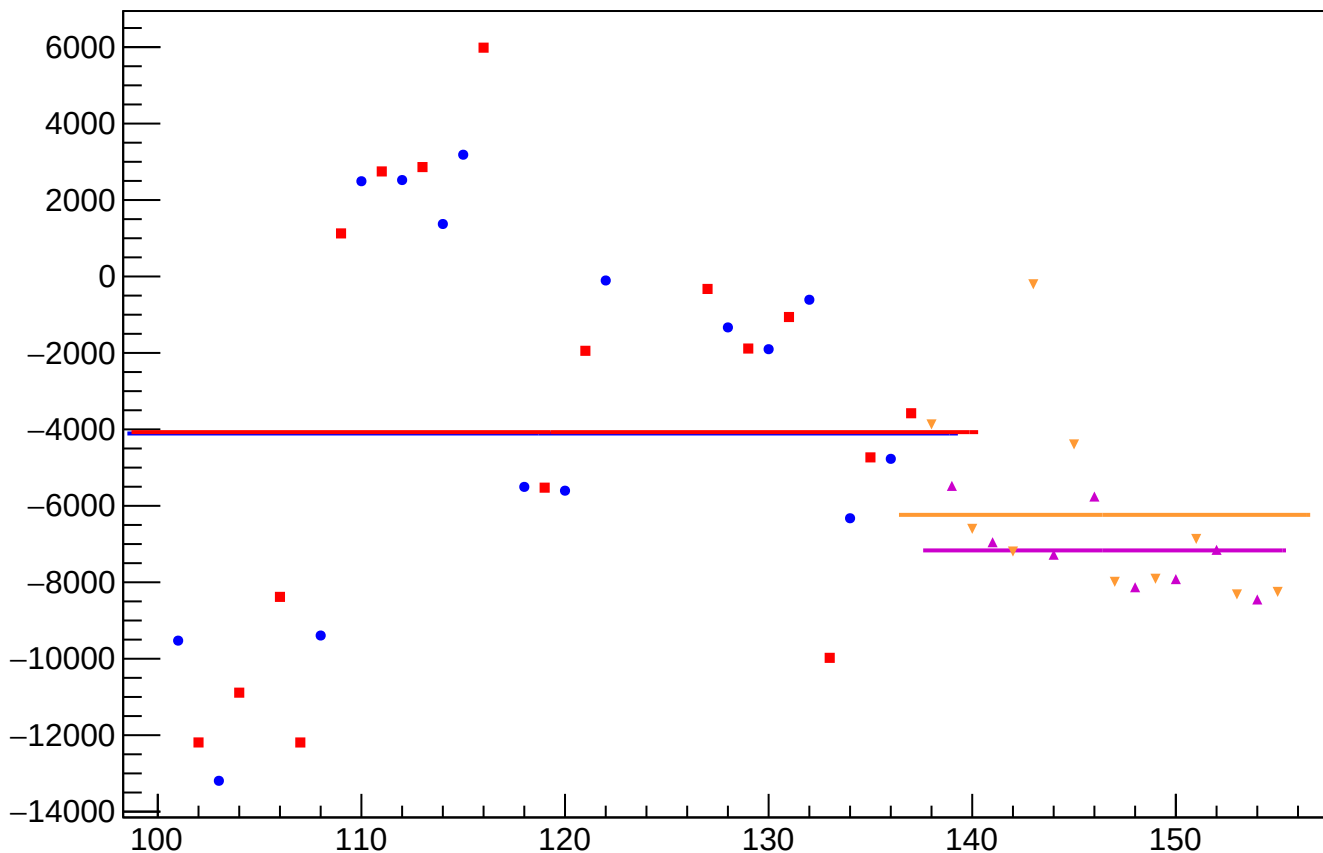
Left In: 1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000 χ^2/NDF : 14527436324982031454277780831211819630592.0/14

Left Out: -6236.084+/-0.000 χ^2/NDF : 4400905984197743377756360537301699264512.0/9

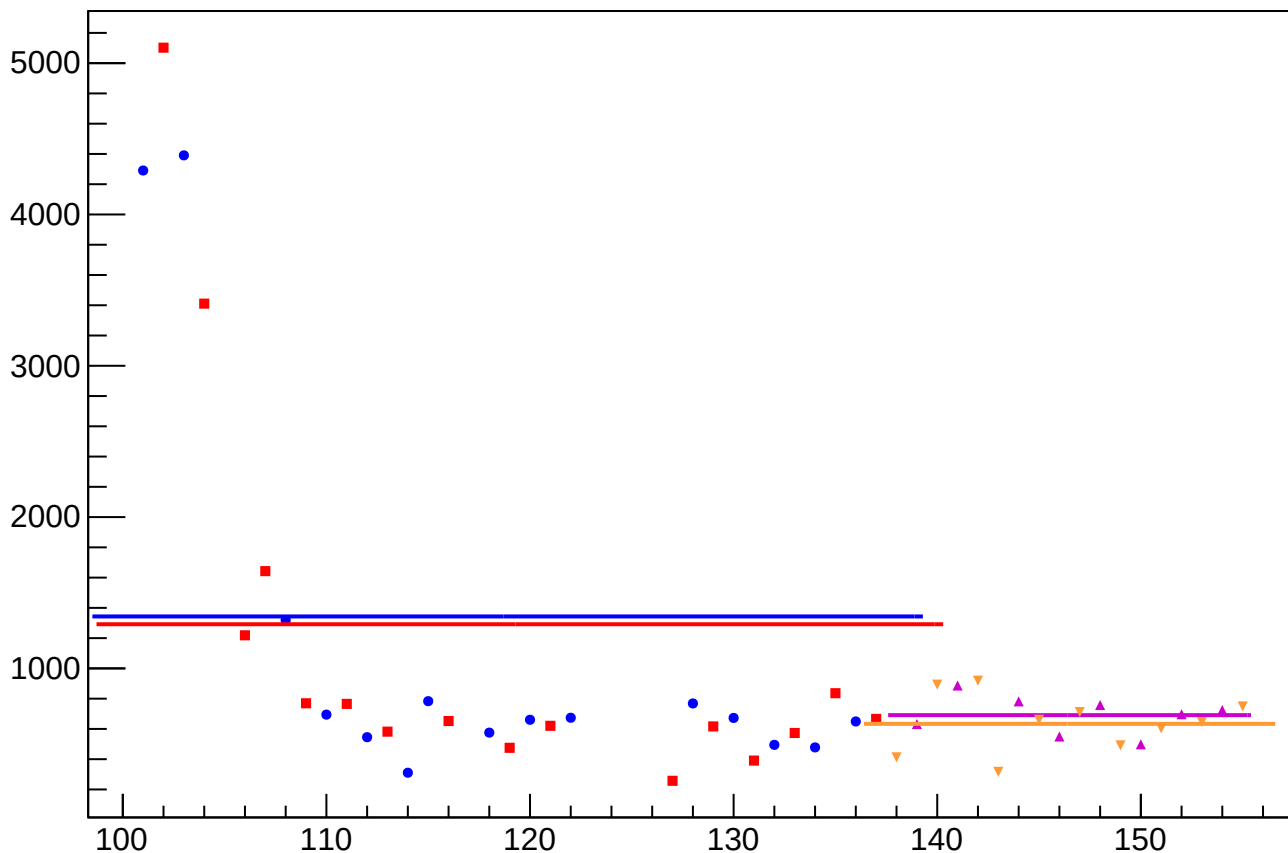
Right Out: -4072.120+/-0.000 χ^2/NDF : 20367171423690168095778854678764929941504.0/15

Left In: -7166.288+/-0.000 χ^2/NDF : 676590939528890168031738138575570468864.0/7

All: -5445.660+/-0.000 χ^2/NDF : 4490612206

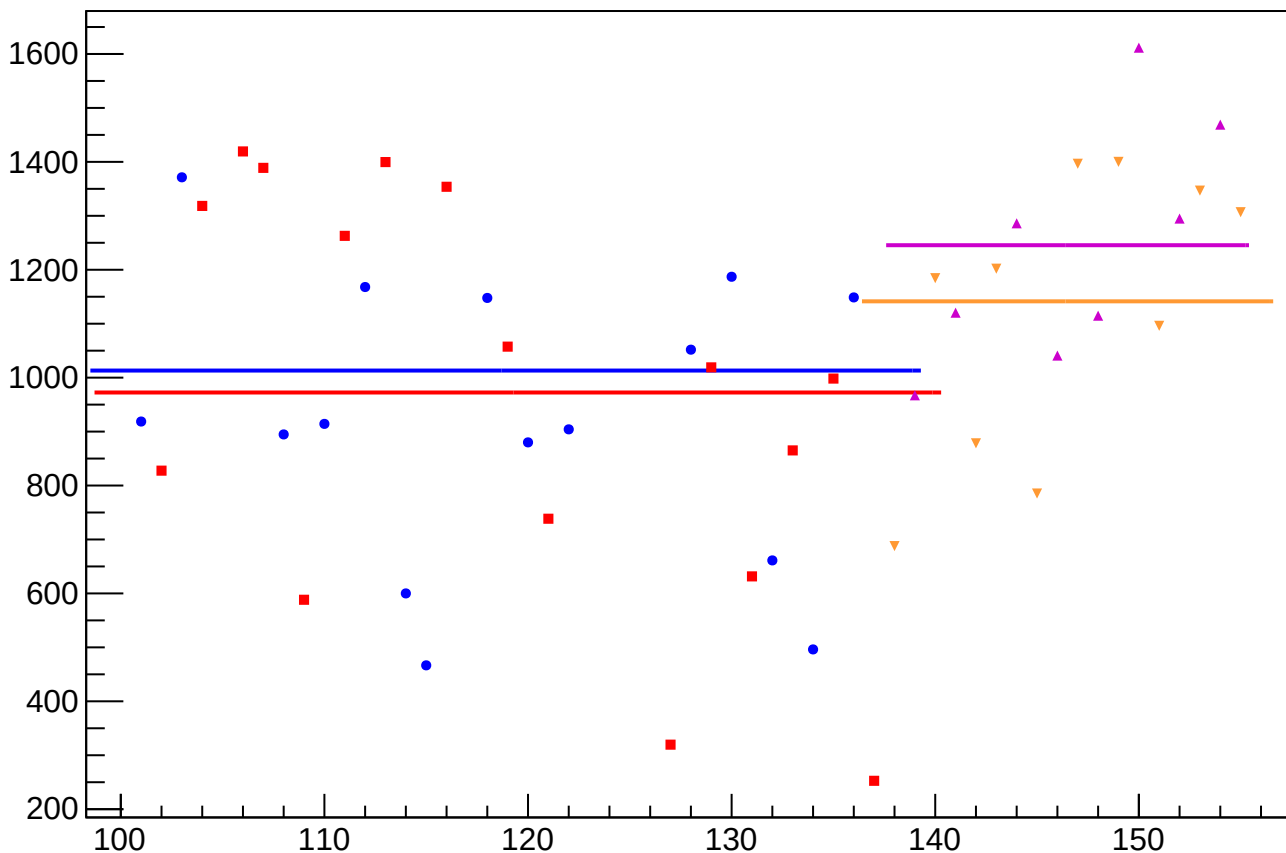
- sign -5644.304+/-0.000 χ^2/NDF : 24288452055646

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 633.587+/-0.000 χ^2/NDF : 23179752581868541010732379582404493312.0/9
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 691.025+/-0.000 χ^2/NDF : 9793393283780630515786953608210153472.0/7

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

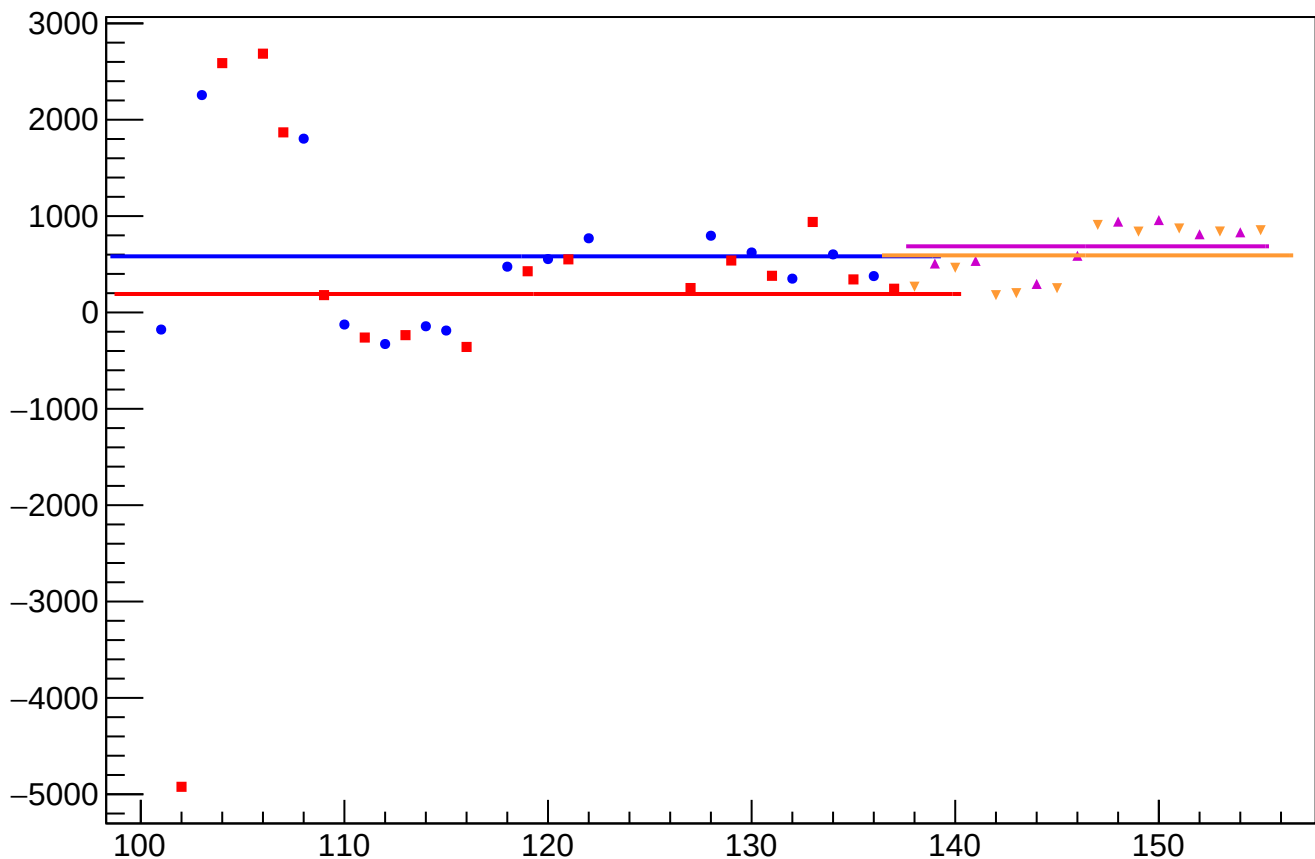
Left In: 1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000	χ^2/NDF : 338796567623032040072791996460490031104.0/14
Left Out: 592.317+/-0.000	χ^2/NDF : 66704387261731857641656643056887136256.0/9
Right Out: 191.587+/-0.000	χ^2/NDF : 2168762120552346223416743005020716269568.0/15
Left In: 686.378+/-0.000	χ^2/NDF : 34391962246584493648354645181368107008.0/7

+ sign 587.738+/-0.000 χ^2/NDF : 405535413905790
 All: 516.703+/-0.000 χ^2/NDF : 270612727409
 - sign 442.997+/-0.000 χ^2/NDF : 228612553005557

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

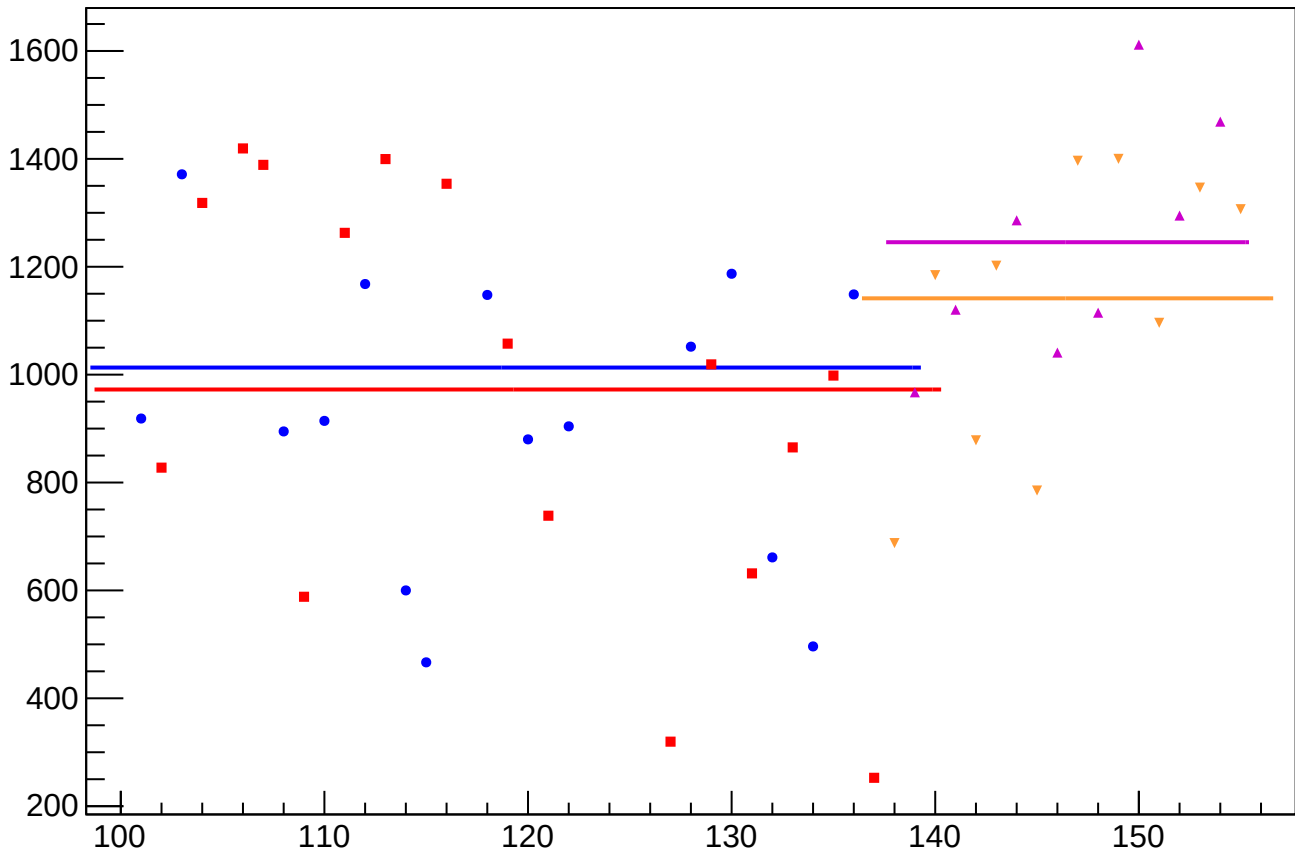
Left Out: 143.811+/-0.000 χ^2/NDF : 632061509680521073965033955484762112.0/9

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

Left In: 153.102+/-0.000 χ^2/NDF : 600802288422667267086945584817373184.0/7

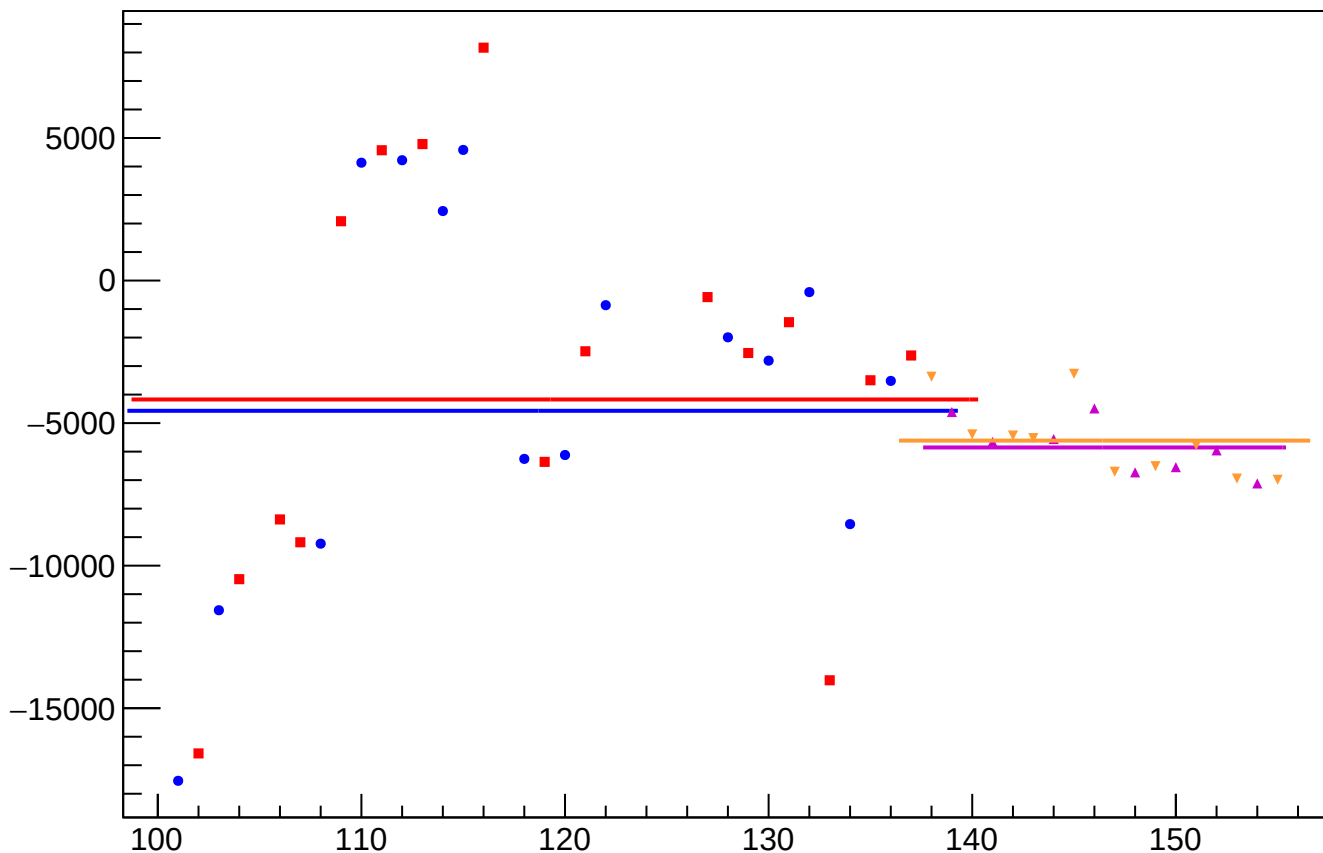
All: 410.986+/-0.000 χ^2/NDF : 323124894393

dit_atr1_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1141.466 $\pm$ 0.000 χ^2 /NDF: 46535643184900322607306297338897629184.0/9
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1245.509 $\pm$ 0.000 χ^2 /NDF: 29517629202305629895835280294763560960.0/7

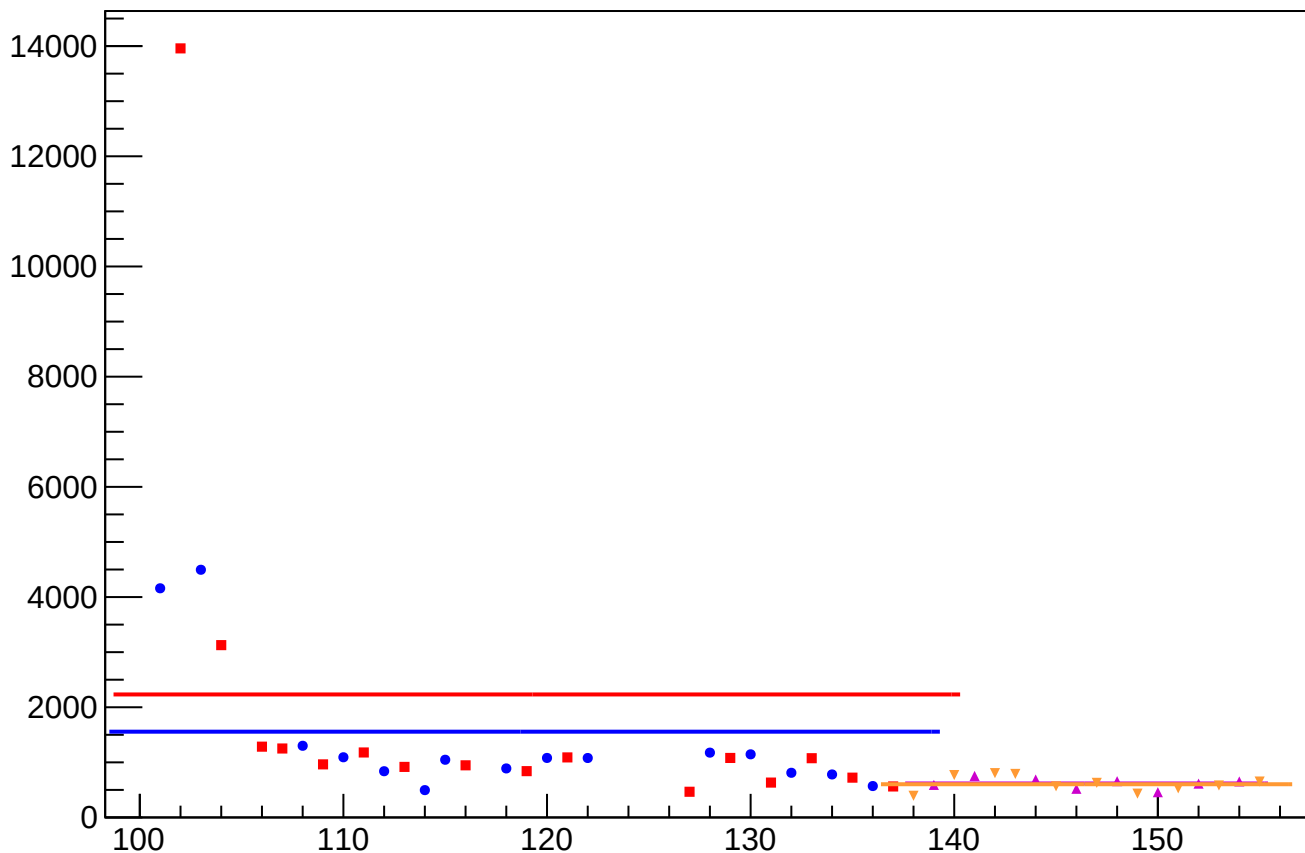
dit_atr2_coil6_mean vs Slug



Right In: -4568.297+/-0.000	χ^2/NDF : 24195052148165719540713110921977756909568.0/14
Left Out: -5613.385+/-0.000	χ^2/NDF : 1305973072144077886665324944520070037504.0/9
Right Out: -4170.773+/-0.000	χ^2/NDF : 30967248832187912041113909559481103024128.0/15
Left In: -5854.331+/-0.000	χ^2/NDF : 541977207880074856484648943055624208384.0/7

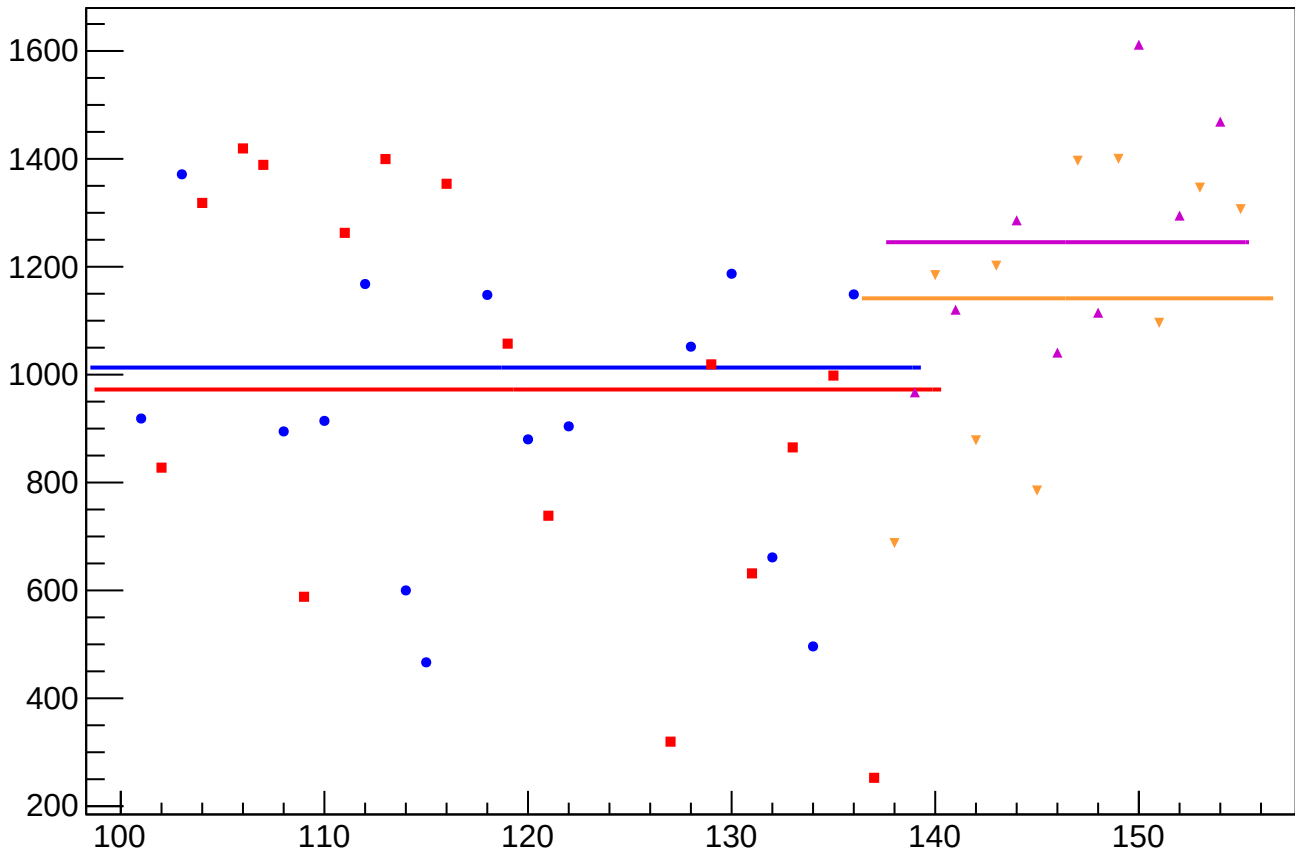
+ sign -5131.322+/-0.000 χ^2/NDF : 2588290395418
 All: -5079.736+/-0.000 χ^2/NDF : 5836035731
 - sign -5026.209+/-0.000 χ^2/NDF : 32469823998071

dit_atr2_coil6_err_mean vs Slug



Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 602.914+/-0.000 χ^2/NDF : 13184886502057600472475368287327223808.0/9
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 616.997+/-0.000 χ^2/NDF : 5443283687703597806534798454334423040.0/7
 + sign 1042.892+/-0.000 χ^2/NDF : 14706601970636
 All: 1223.869+/-0.000 χ^2/NDF : 11444926830
 - sign 1411.653+/-0.000 χ^2/NDF : 98803667792400

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1141.466+/-0.000

χ^2/NDF : 46535643184900322607306297338897629184.0/9

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1245.509+/-0.000

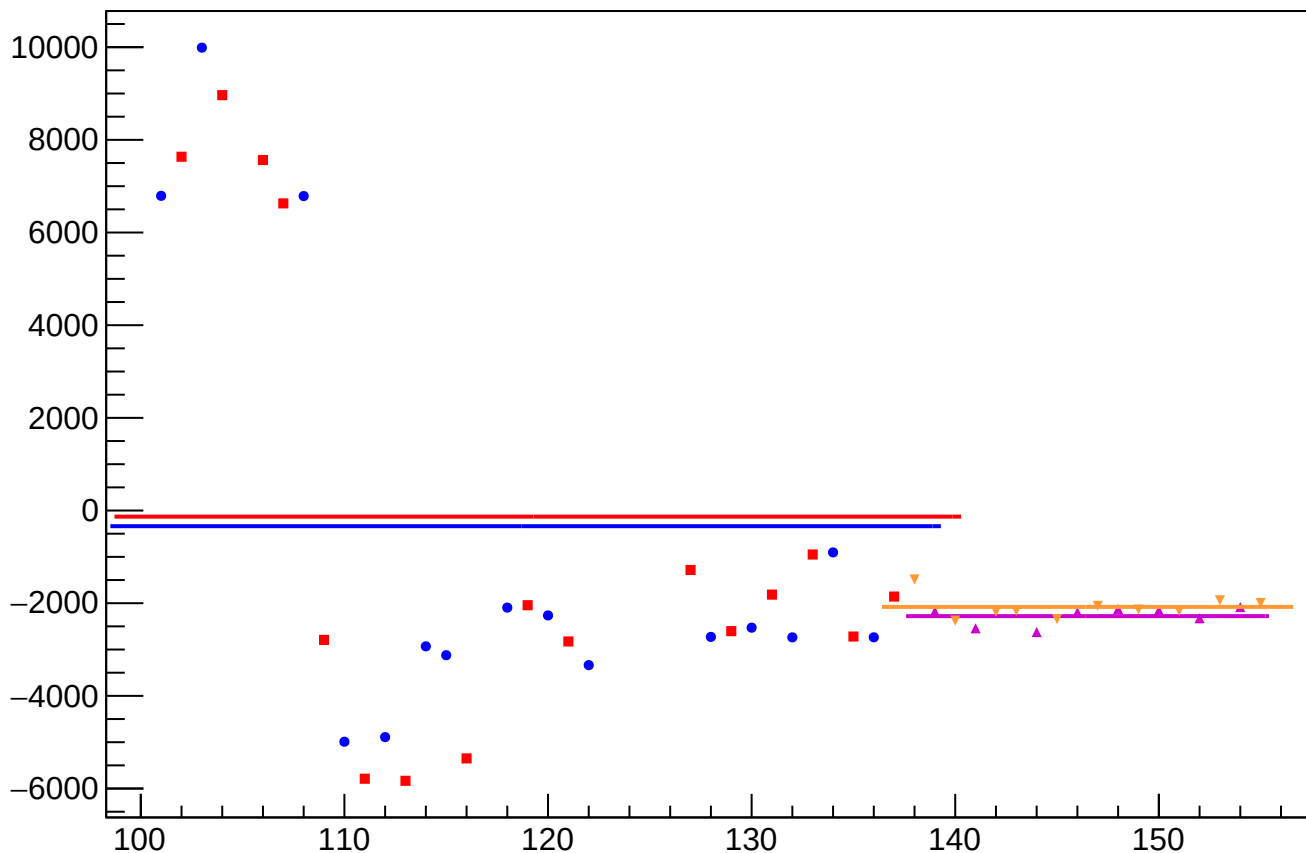
χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

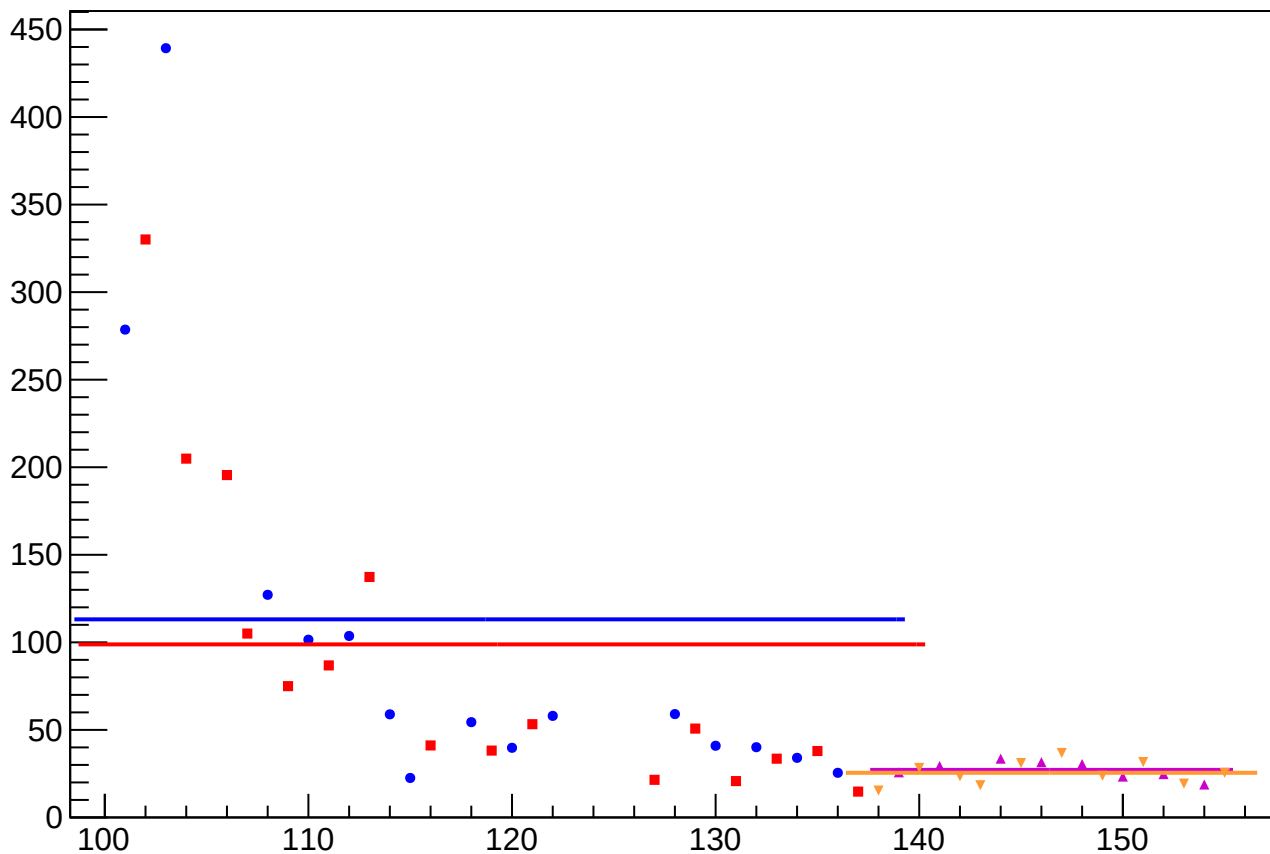
- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_sam1_coil6_mean vs Slug



Right In: -337.865 ± 0.000 $\chi^2/\text{NDF}: 15152515933007079891661097940762081886208.0/14$
 Left Out: -2079.779 ± 0.000 $\chi^2/\text{NDF}: 44202193801020029423763257175561994240.0/9$
 Right Out: -131.545 ± 0.000 $\chi^2/\text{NDF}: 16473217651078877976377424419956902068224.0/15$
 Left In: -2278.875 ± 0.000 $\chi^2/\text{NDF}: 24842280269621776240310619451856781312.0/7$

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134 $\pm$ 0.000 χ^2/NDF : 9989638354332004017458192433874468864.0/14

Left Out: 25.504 $\pm$ 0.000 χ^2/NDF : 31143888482917883371764473061703680.0/9

Right Out: 98.833 $\pm$ 0.000 χ^2/NDF : 5510365308590426333953610701260980224.0/15

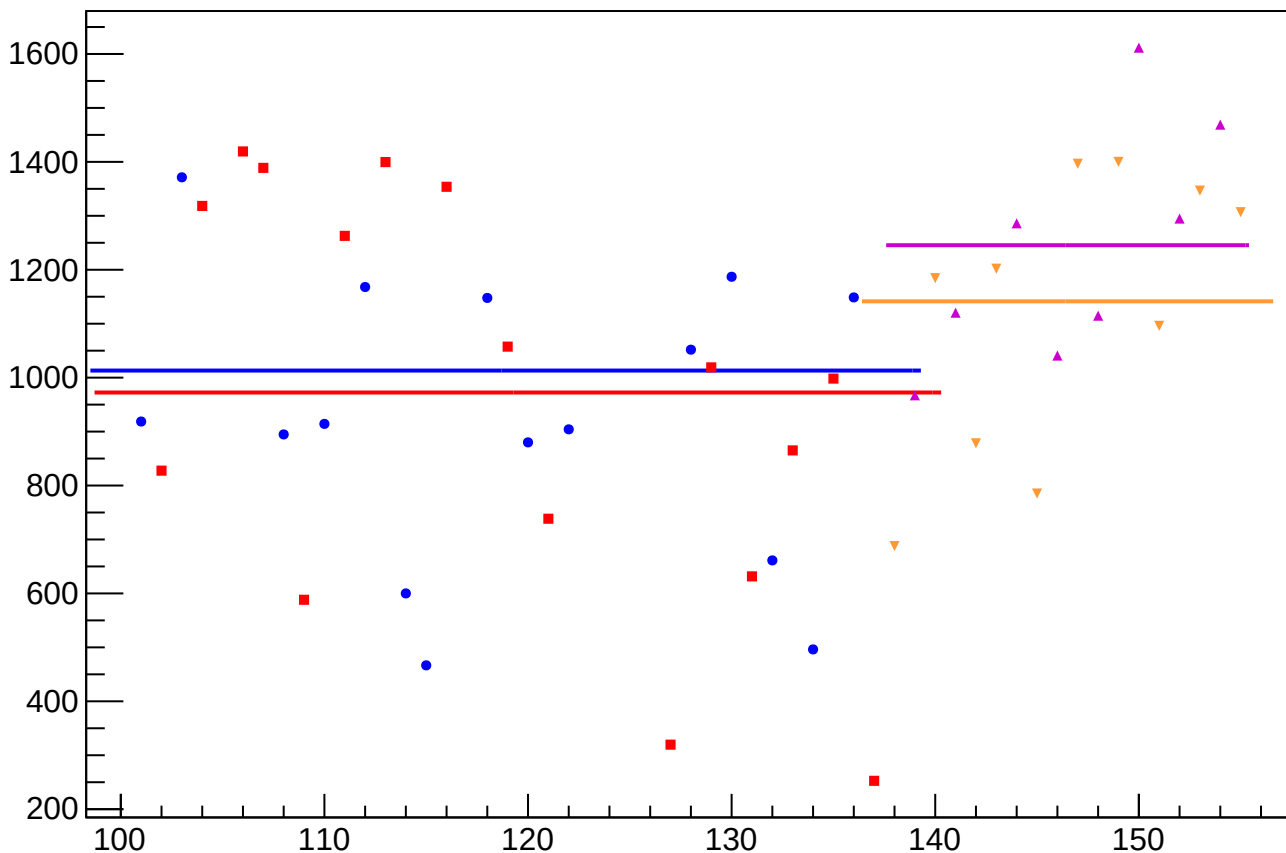
Left In: 27.163 $\pm$ 0.000 χ^2/NDF : 14821852324625217570760211654770688.0/7

+ sign 65.925 $\pm$ 0.000 χ^2/NDF : 1270561432346425

All: 64.203 $\pm$ 0.000 χ^2/NDF : 1998013317542

- sign 62.417 $\pm$ 0.000 χ^2/NDF : 7266021702502678

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146 +/- 0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1141.466 +/- 0.000

χ^2/NDF : 46535643184900322607306297338897629184.0/9

Right Out: 972.465 +/- 0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1245.509 +/- 0.000

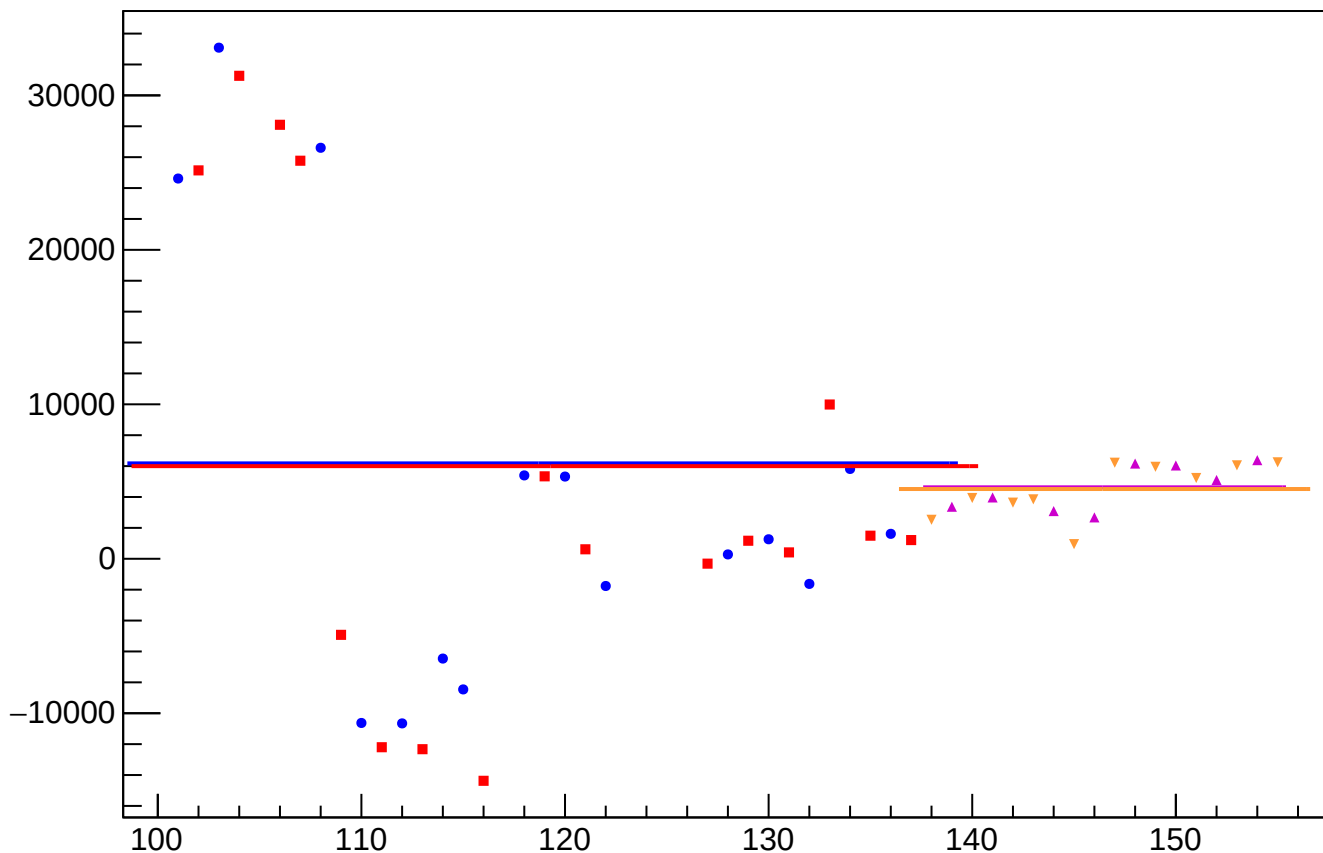
χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276 +/- 0.000 χ^2/NDF : 84014015843566

All: 1096.472 +/- 0.000 χ^2/NDF : 2182607953

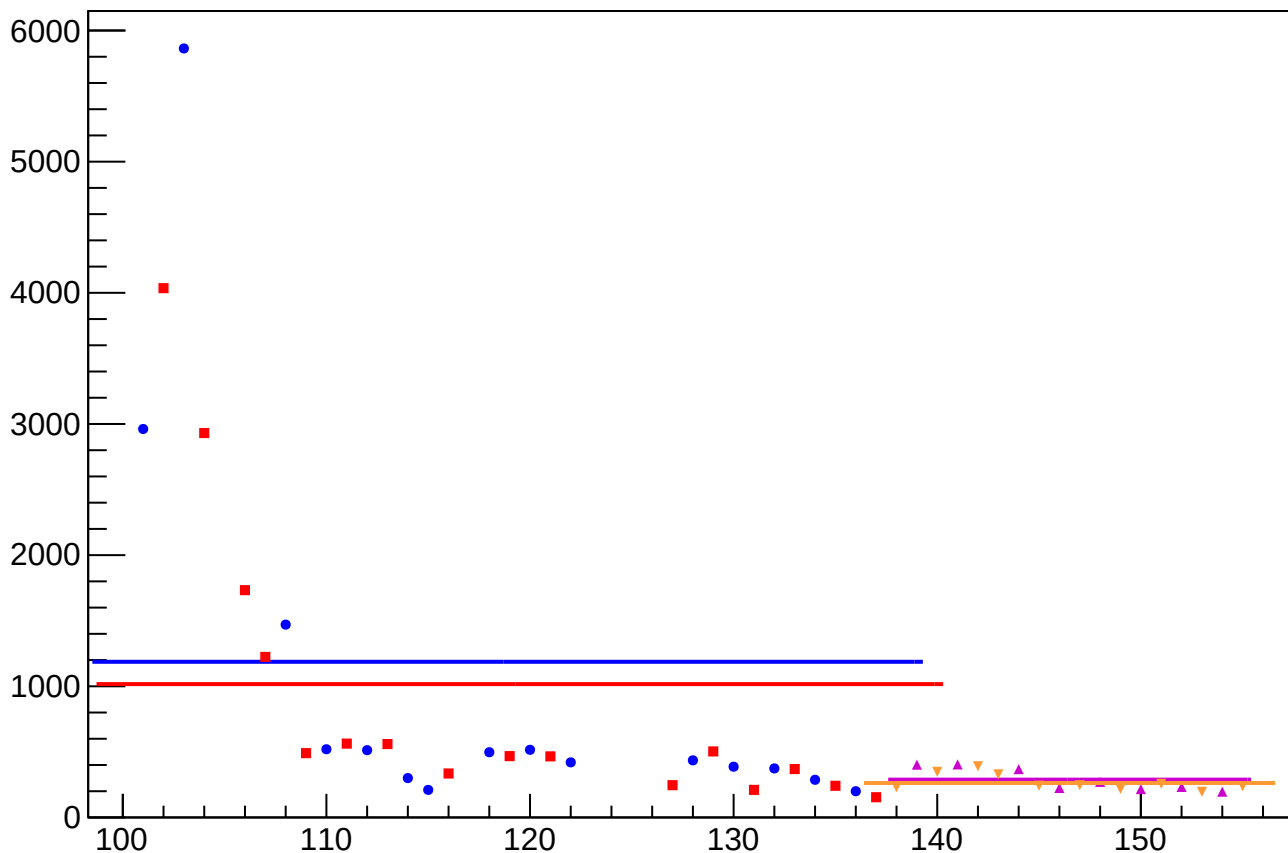
- sign 1111.202 +/- 0.000 χ^2/NDF : 13366903292658

dit_sam2_coil6_mean vs Slug



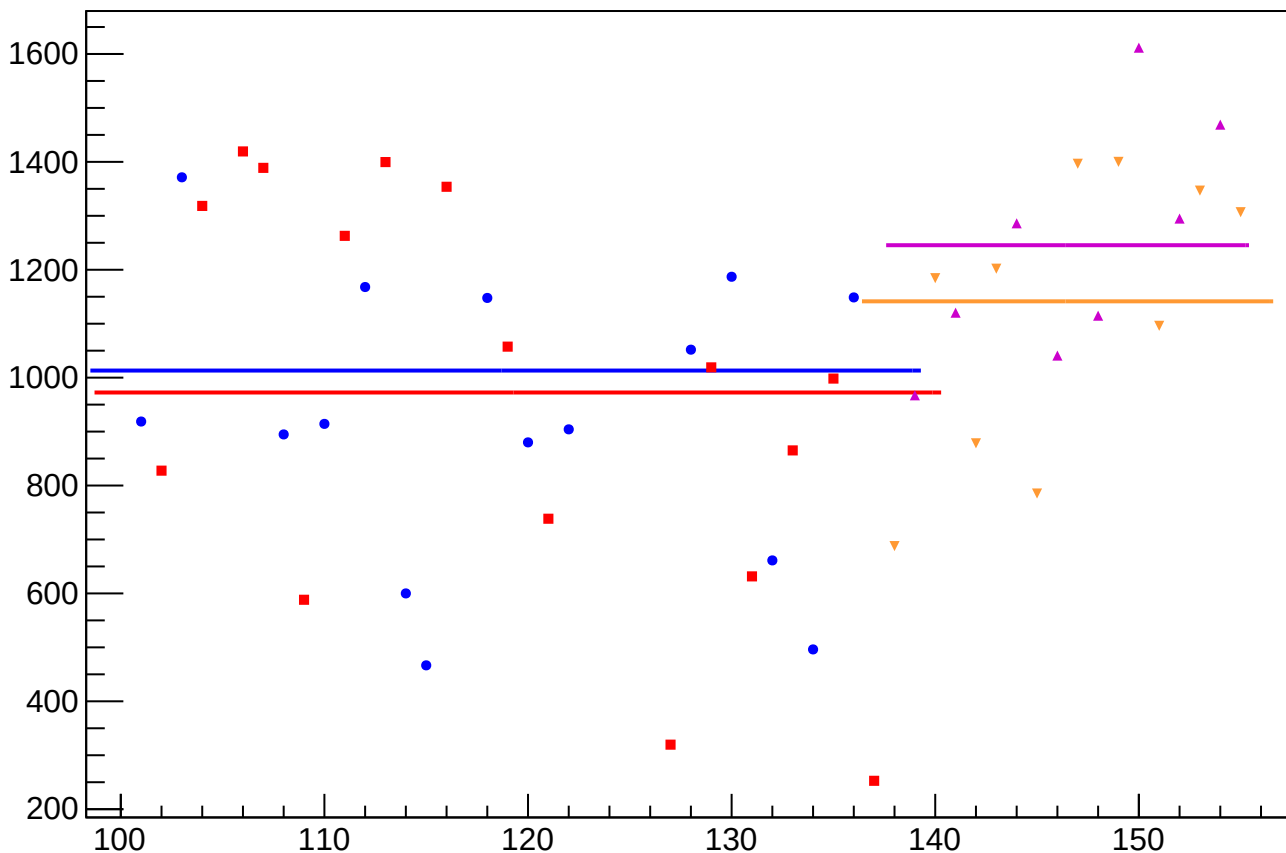
Right In: 6175.493 $\pm$ 0.000 χ^2 /NDF: 117260877162921223967478349050708452442112.0/14
 Left Out: 4515.995 $\pm$ 0.000 χ^2 /NDF: 2312152027706777223361840671136459784192.0/9
 Right Out: 5996.727 $\pm$ 0.000 χ^2 /NDF: 137057710785025136543407710107916356812800.0/15
 Left In: 4626.113 $\pm$ 0.000 χ^2 /NDF: 1365394899138328792996720334330885308416.0/7

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846+/-0.000 χ^2/NDF : 1796463312802023303623210264680353234944.0/14
 Left Out: 262.543+/-0.000 χ^2/NDF : 2382268364200310849575633986661646336.0/9
 Right Out: 1016.732+/-0.000 χ^2/NDF : 927646003466094249558391691024825057280.0/15
 Left In: 288.341+/-0.000 χ^2/NDF : 4623270574753261309958994311157645312.0/7

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: 972.465+/-0.000

Left In: 1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

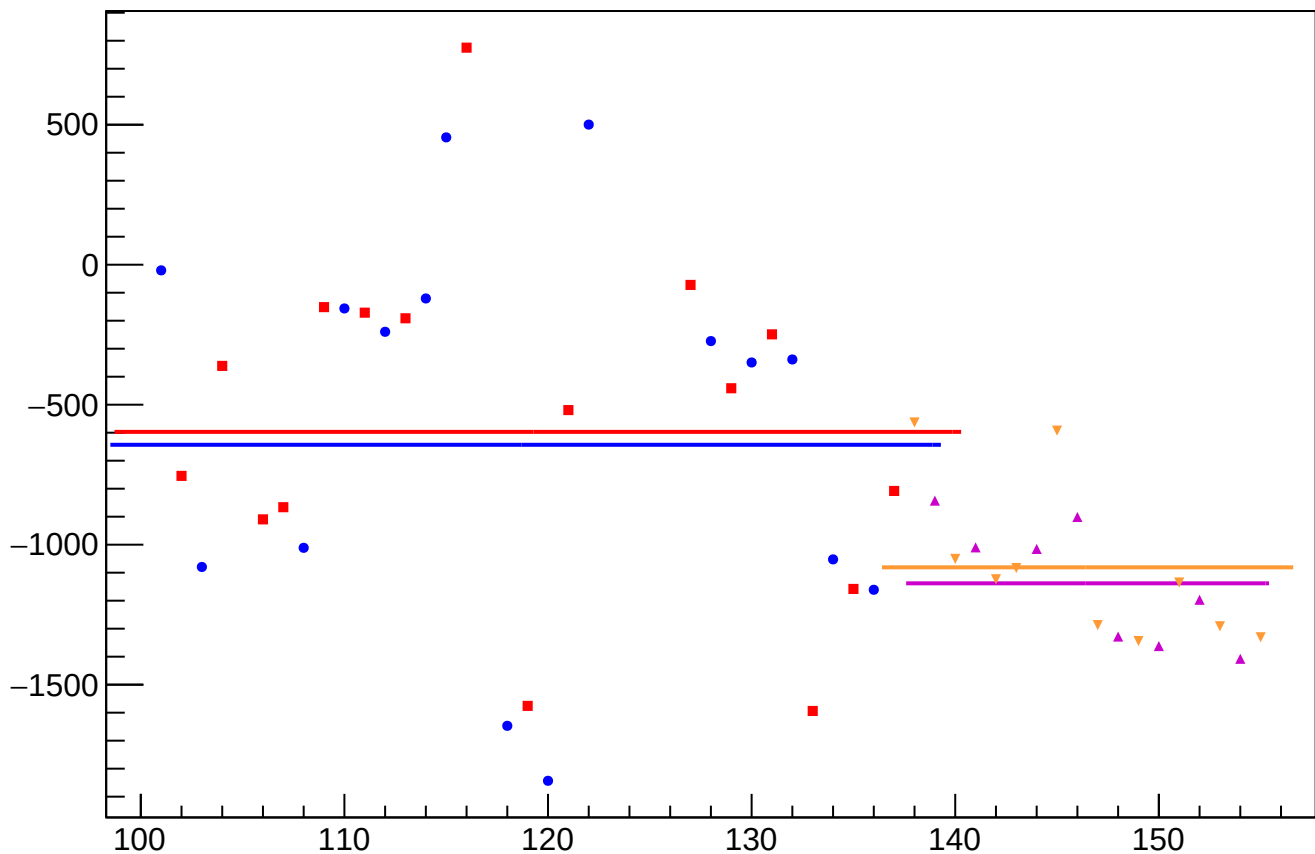
χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

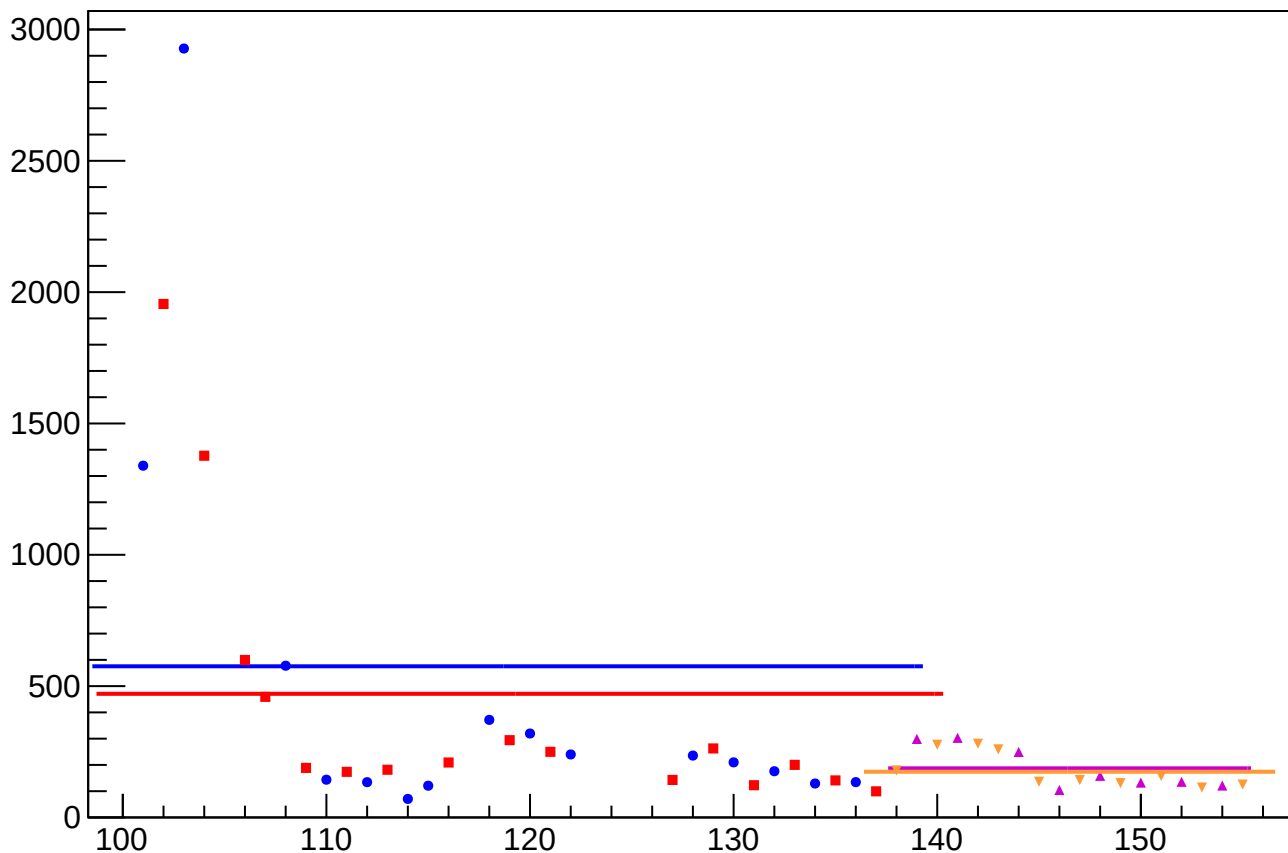
- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_sam3_coil6_mean vs Slug



Right In: -643.217 ± 0.000 $\chi^2/\text{NDF}: 272726964608206694027285159784925364224.0/14$
 Left Out: -1080.896 ± 0.000 $\chi^2/\text{NDF}: 58487997372661956721625503468217171968.0/9$
 Right Out: -597.043 ± 0.000 $\chi^2/\text{NDF}: 210733370798031449363504004319005376512.0/15$
 Left In: -1138.005 ± 0.000 $\chi^2/\text{NDF}: 2884495581716840815536944270166458368.0/7$

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

Left Out: 174.014+/-0.000 χ^2/NDF : 2747347979995131732636802730898227200.0/9

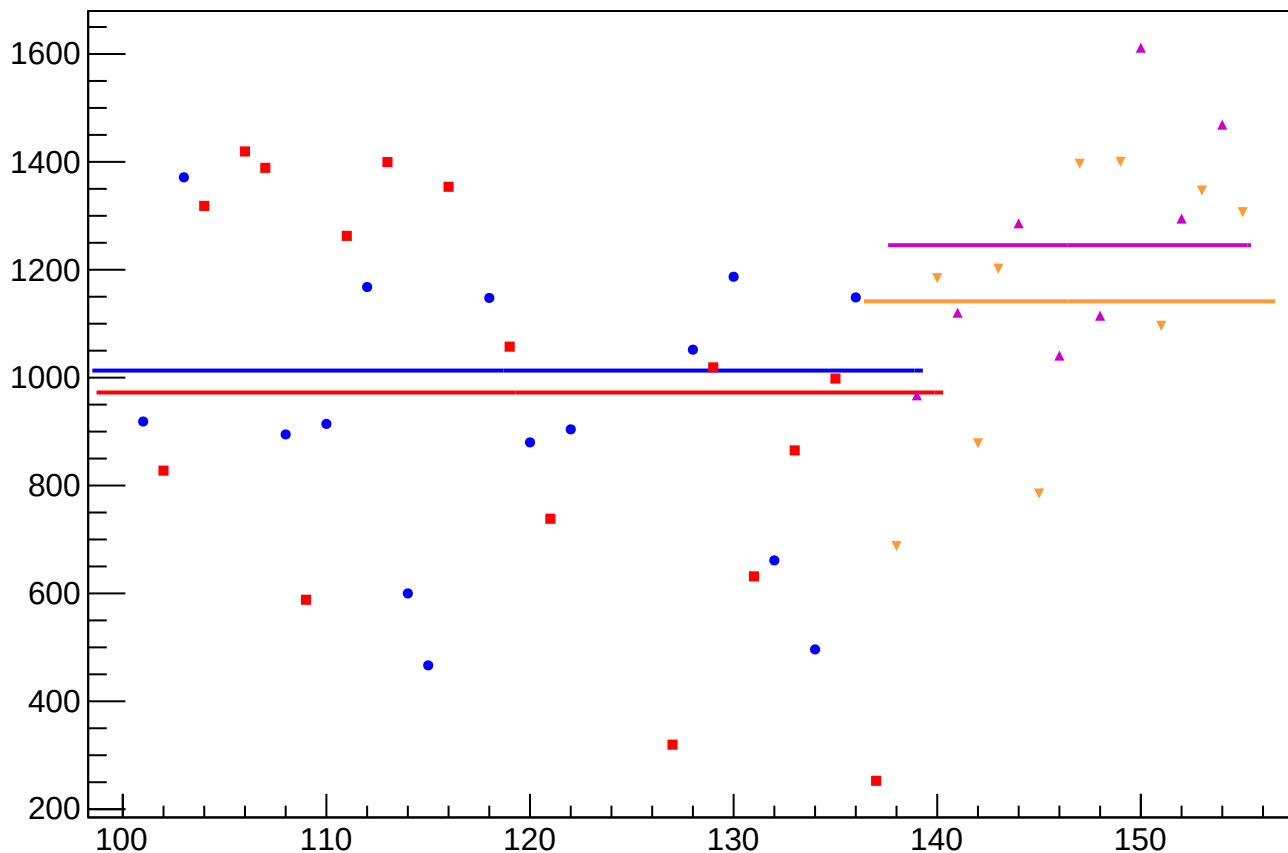
Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

Left In: 187.060+/-0.000 χ^2/NDF : 4019080206850459785781088801030930432.0/7

All: 343.203+/-0.000 χ^2/NDF : 733127312025

- sign 326.587+/-0.000 χ^2/NDF : 240598729637282

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1141.466+/-0.000

χ^2/NDF : 46535643184900322607306297338897629184.0/9

Right Out: 972.465+/-0.000

χ^2/NDF : 78884457200782655962756069915468234752.0/15

Left In: 1245.509+/-0.000

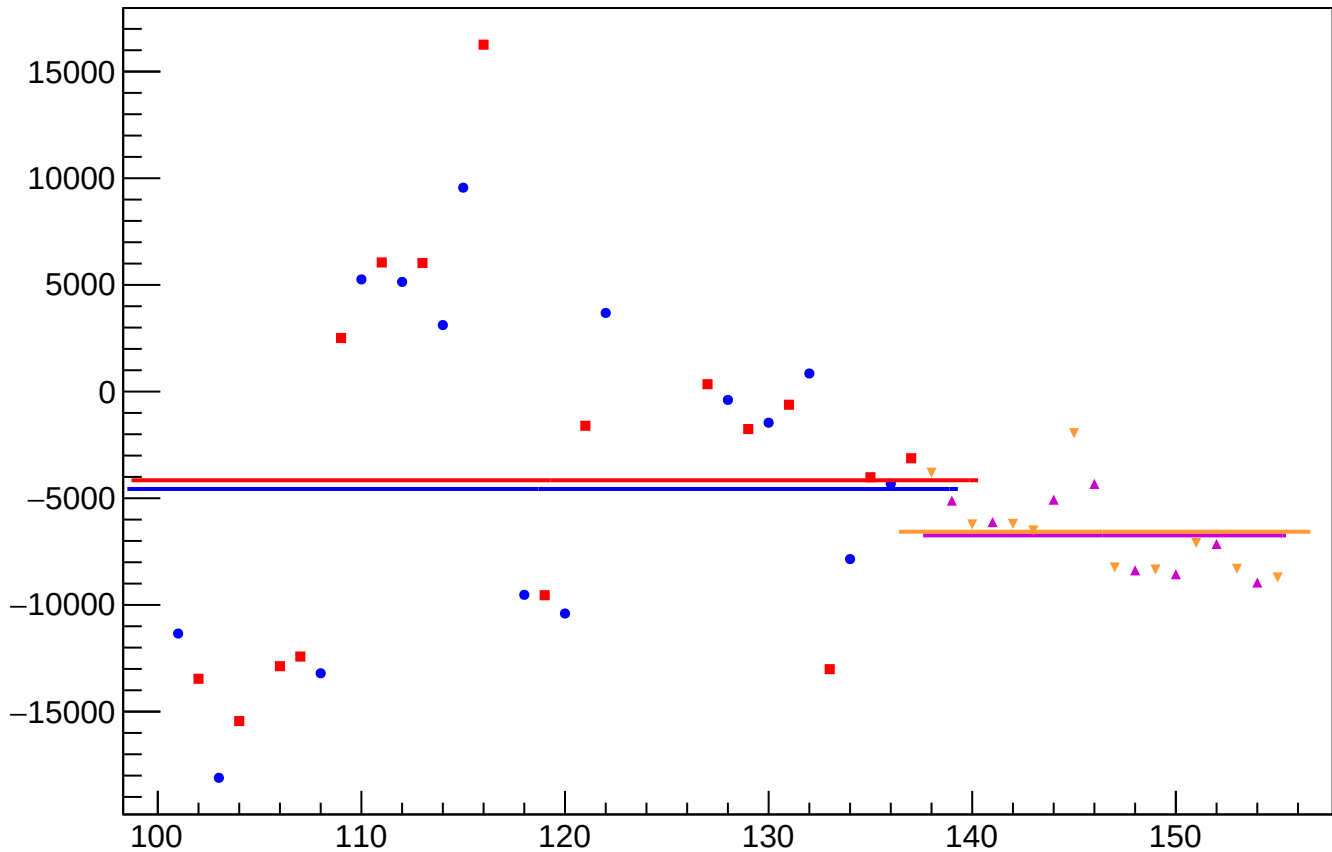
χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

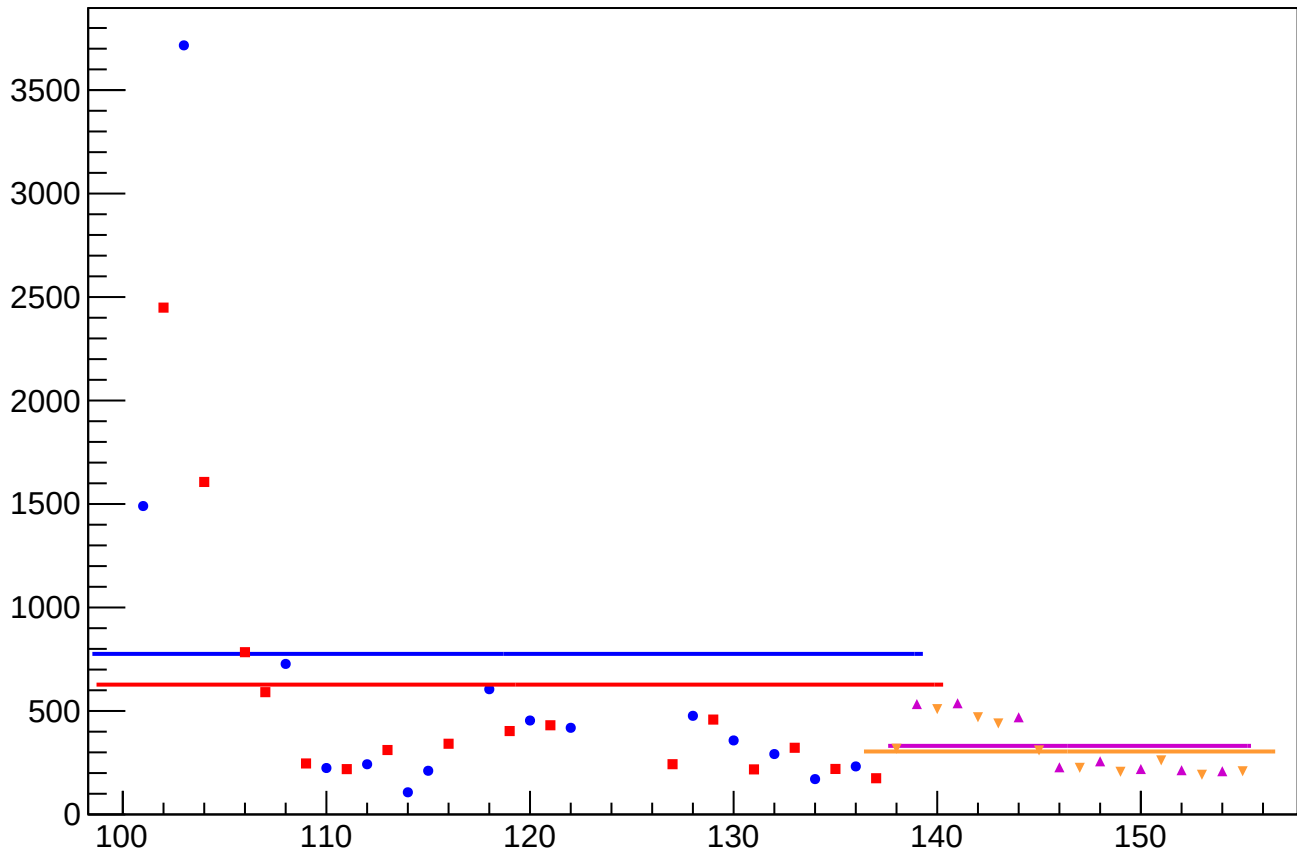
dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000	χ^2/NDF : 35667768247432289984899042725155487875072.0/14
Left Out: -6568.401+/-0.000	χ^2/NDF : 3468129038283888914219191313582375567360.0/9
Right Out: -4156.859+/-0.000	χ^2/NDF : 45539455441659927157708443099930682195968.0/15
Left In: -6740.468+/-0.000	χ^2/NDF : 1955578603110528311190044152503505780736.0/7

+ sign -5644.492+/-0.000 χ^2/NDF : 4053863671335
 All: -5558.671+/-0.000 χ^2/NDF : 9031702746
 - sign -5469.622+/-0.000 χ^2/NDF : 4975727497539

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14

Left Out: 304.250+/-0.000 χ^2/NDF : 9180743588464959430384510140158050304.0/9

Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15

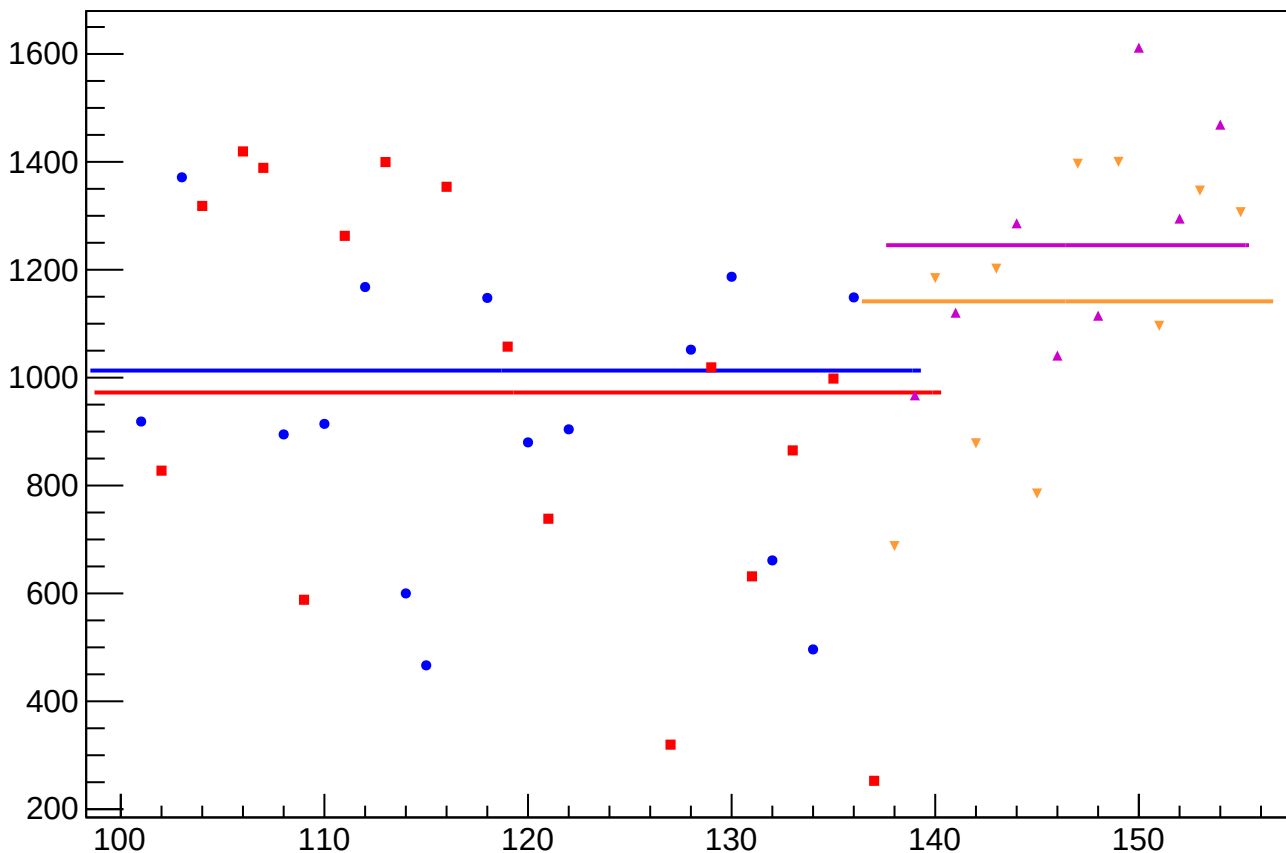
Left In: 331.420+/-0.000 χ^2/NDF : 13639777556781554498958533699840245760.0/7

+ sign 521.771+/-0.000 χ^2/NDF : 728791015579255

All: 499.782+/-0.000 χ^2/NDF : 107100734312

- sign 476.967+/-0.000 χ^2/NDF : 340830213069933

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: 972.465+/-0.000

Left In: 1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

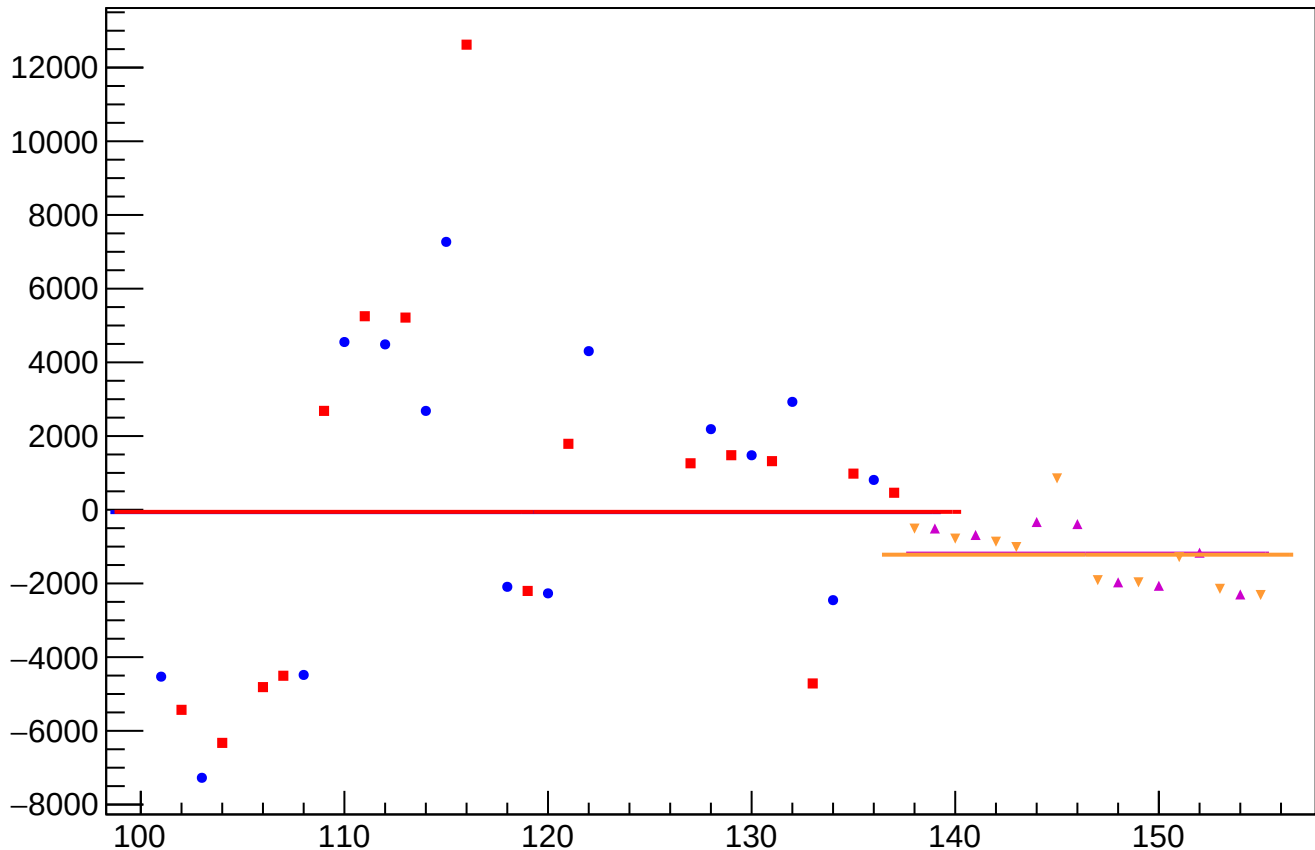
χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

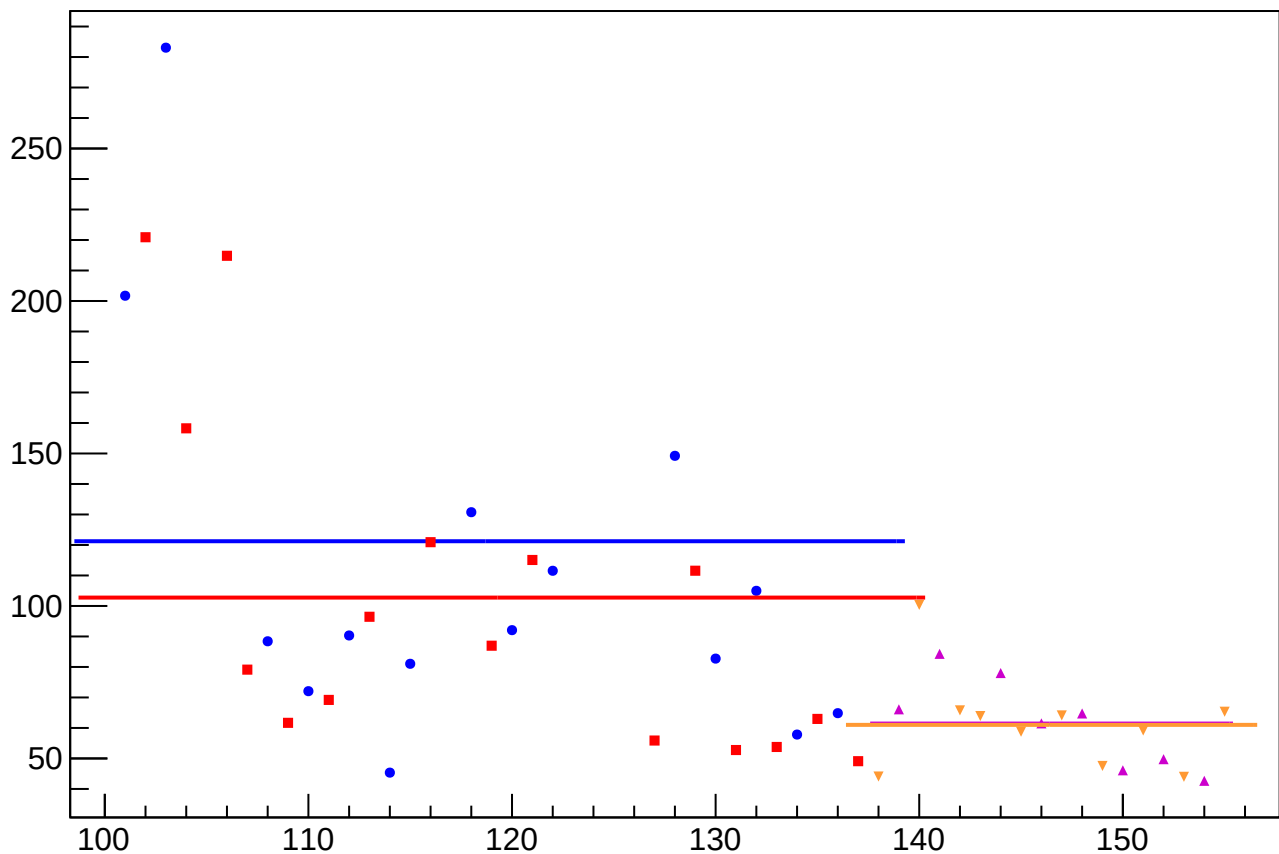
- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_sam5_coil6_mean vs Slug



Right In: -64.751 ± 0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14
 Left Out: -1219.234 ± 0.000 χ^2/NDF : 664347313838040971541874297411236528128.0/9
 Right Out: -57.229 ± 0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15
 Left In: -1190.236 ± 0.000 χ^2/NDF : 407975952528458736493860490727991017472.0/7

dit_sam5_coil6_err_mean vs Slug



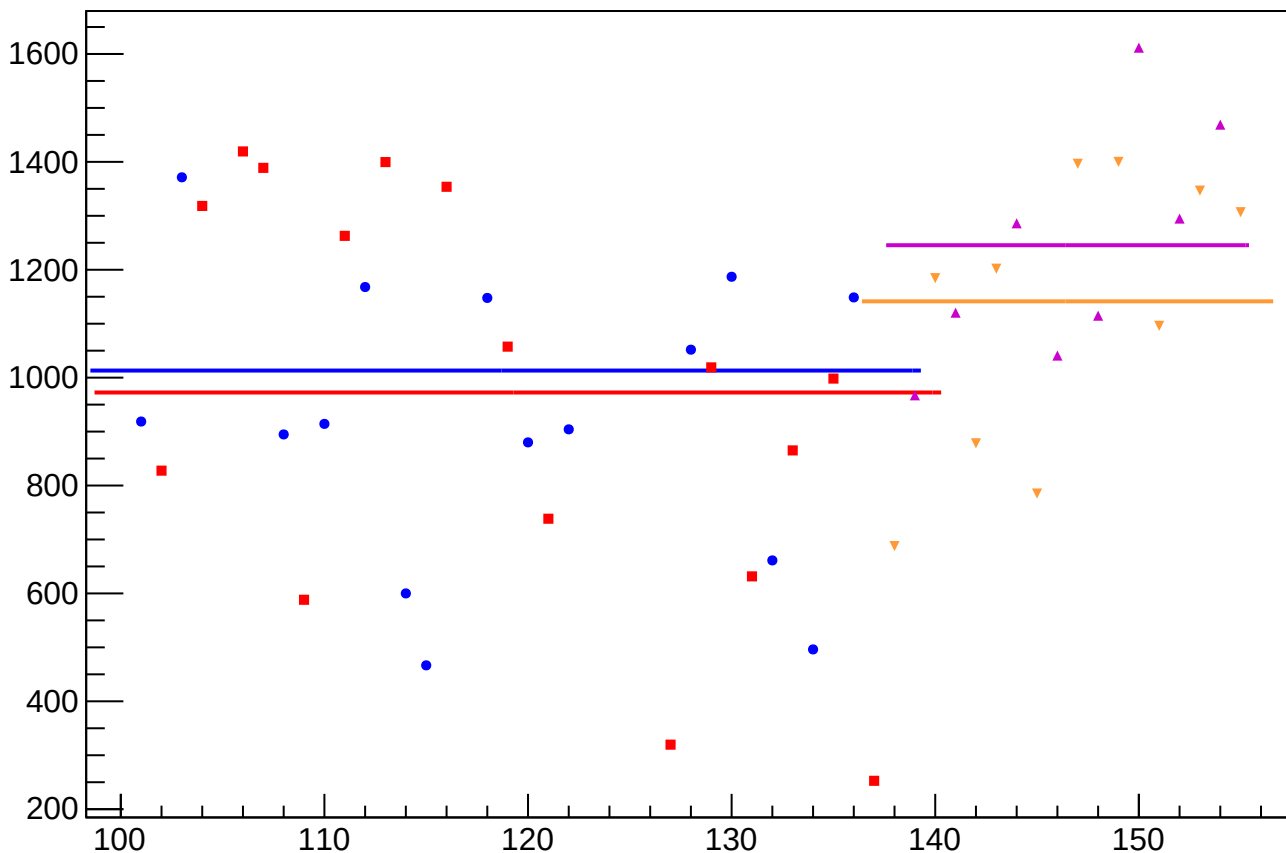
Right In: 121.228+/-0.000 χ^2/NDF : 2723170857684362574800637594861305856.0/14

Left Out: 61.014+/-0.000 χ^2/NDF : 193718937376102099298036046075265024.0/9

Right Out: 102.749+/-0.000 χ^2/NDF : 1967668024846010333654427670555918336.0/15

Left In: 61.440+/-0.000 χ^2/NDF : 136150050284622918922244984796086272.0/7

dit_sam5_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: 972.465+/-0.000

Left In: 1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

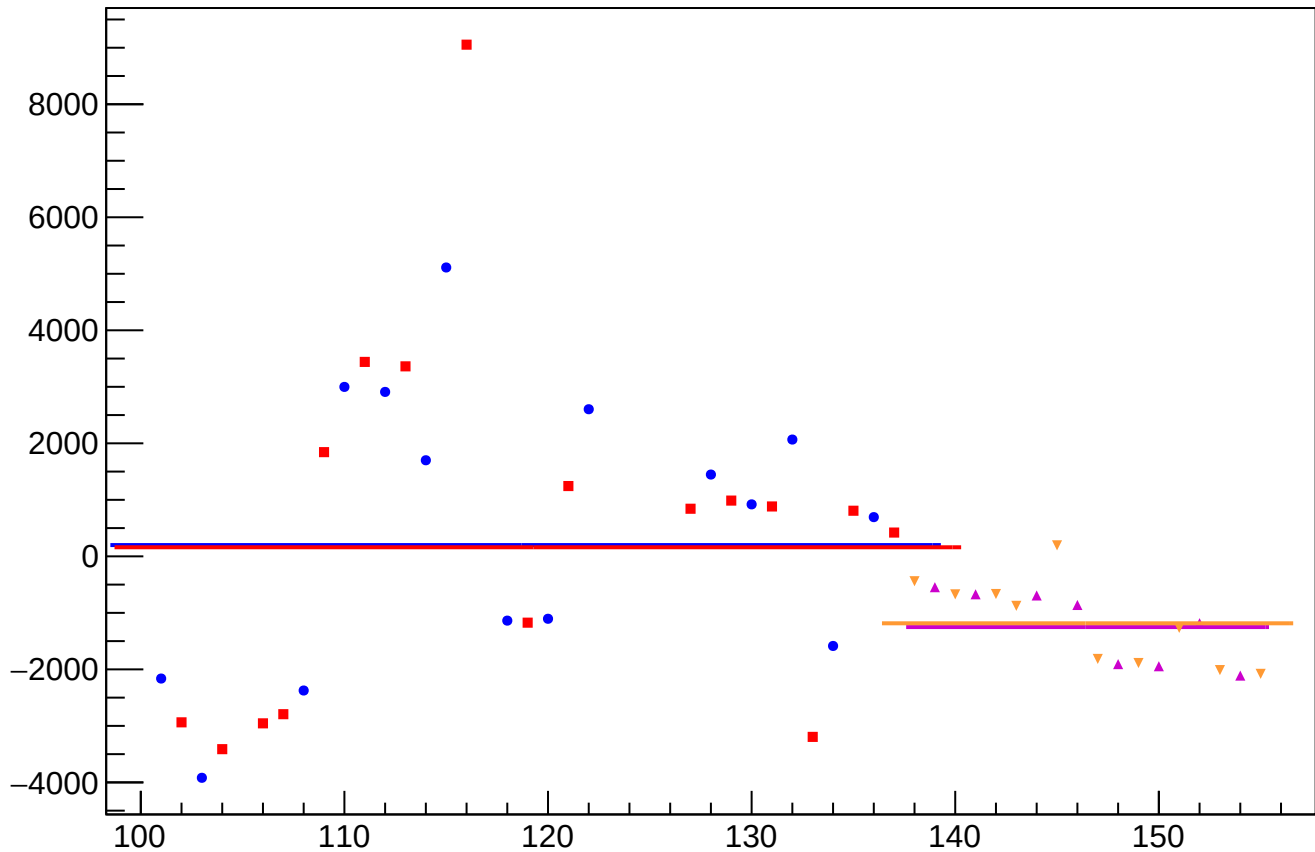
χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

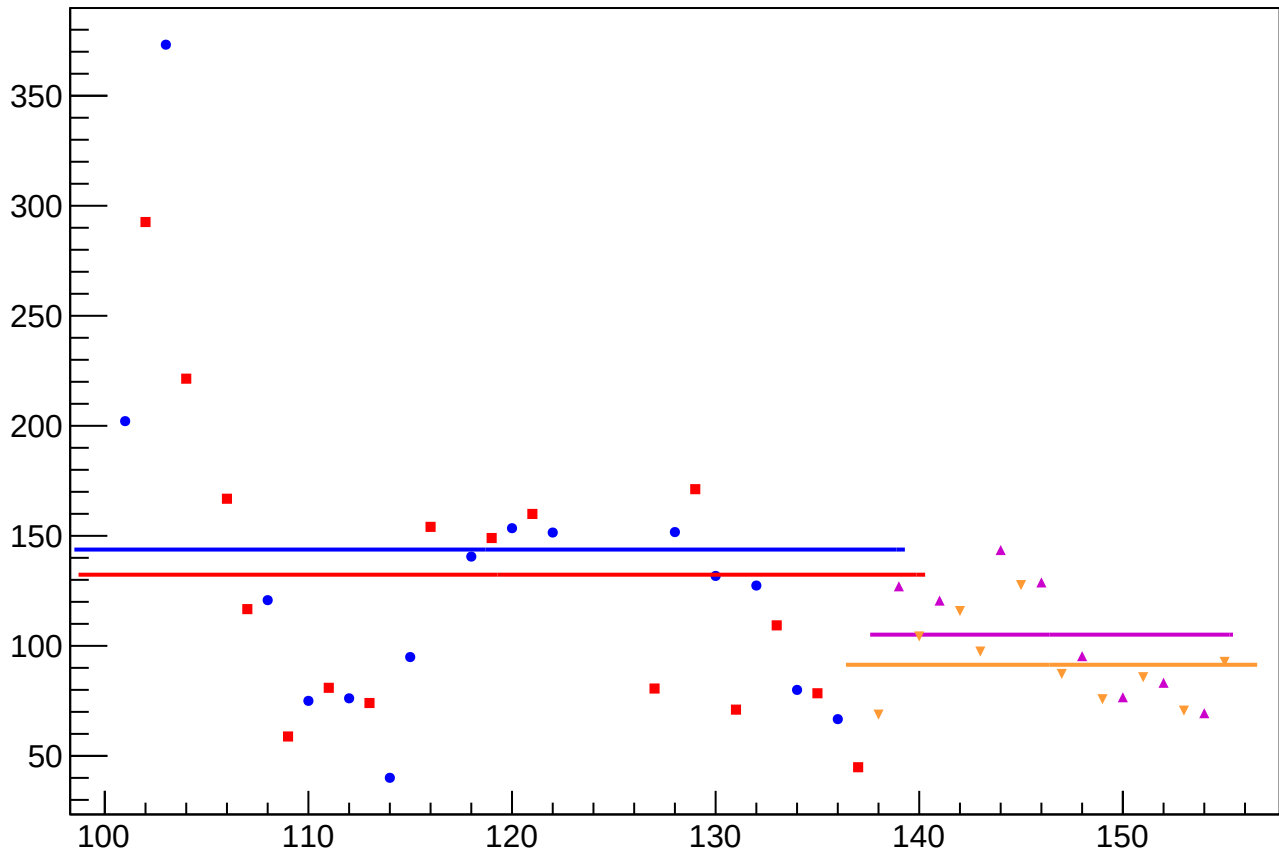
- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_sam6_coil6_mean vs Slug



Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -1184.748+/-0.000 χ^2/NDF : 432905333595248491416996846634629332992.0/9
 Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: -1251.197+/-0.000 χ^2/NDF : 25528606500912515166752026410542225408.0/7

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 ± 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14

Left Out: 91.410 ± 0.000 χ^2/NDF : 251050116293511073487697921590689792.0/9

Right Out: 132.341 ± 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15

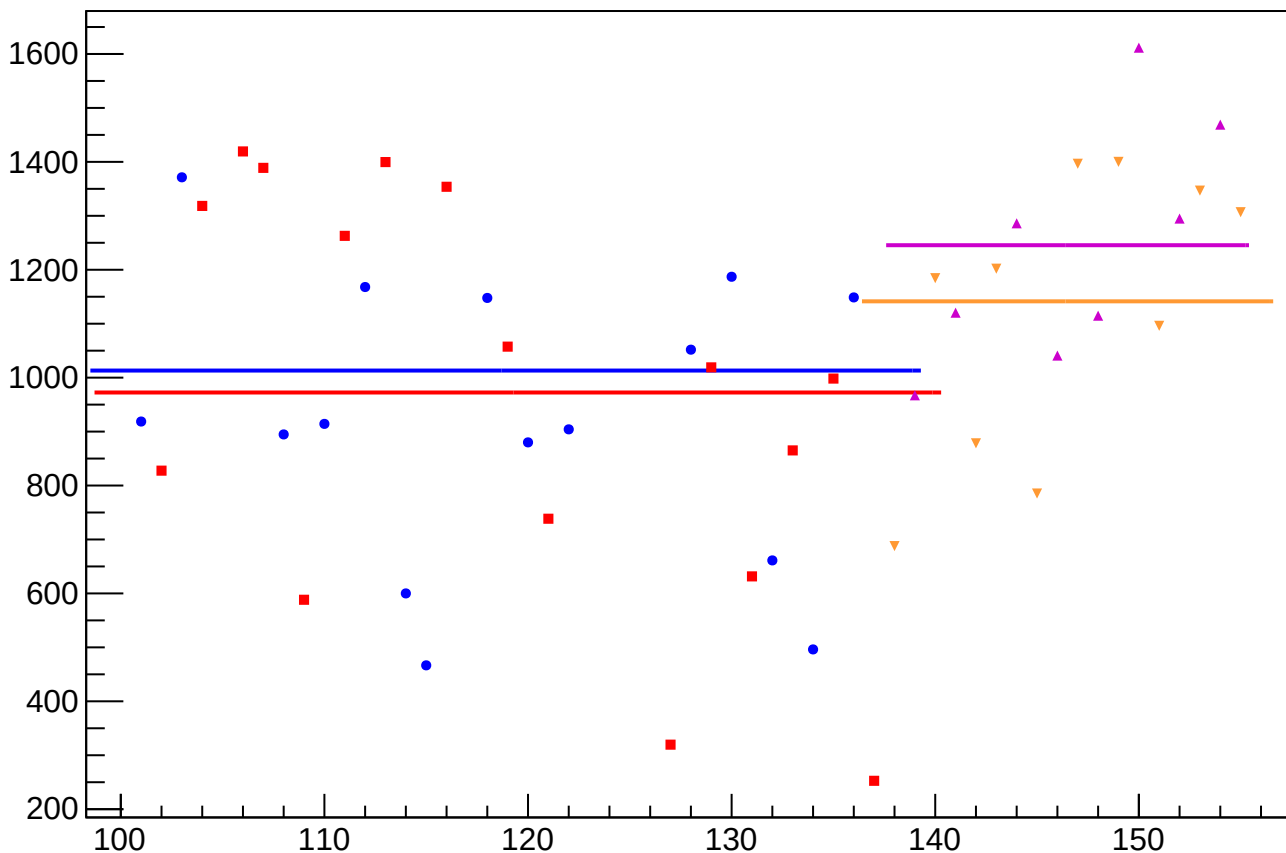
Left In: 105.095 ± 0.000 χ^2/NDF : 474492172118886574721280946812747776.0/7

All: 117.001 ± 0.000 χ^2/NDF : 963026284754.0/15

+ sign 115.559 ± 0.000 χ^2/NDF : 572414553301202.0/9

- sign 118.497 ± 0.000 χ^2/NDF : 390015739991932.0/9

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1141.466+/-0.000 χ^2/NDF : 46535643184900322607306297338897629184.0/9

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

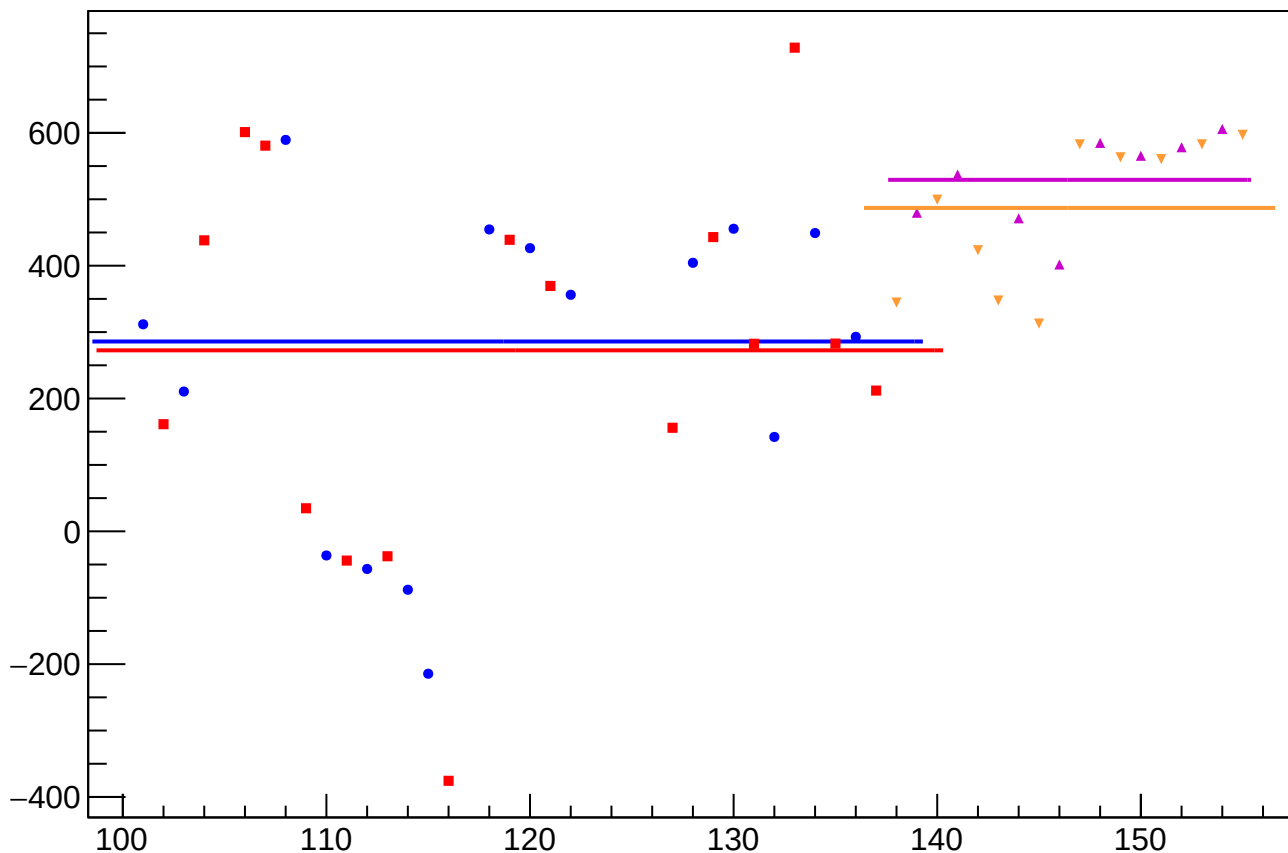
Left In: 1245.509+/-0.000 χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

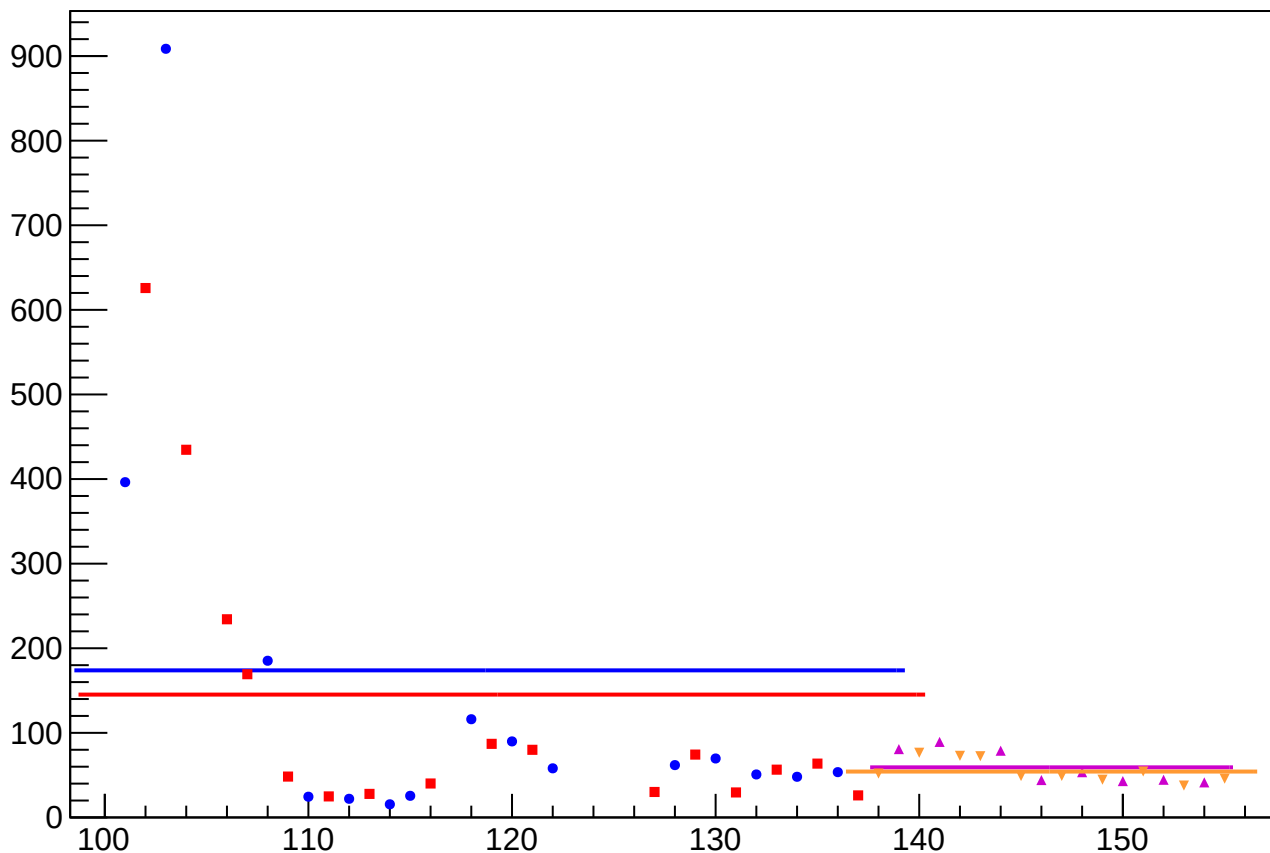
Left Out: 487.003+/-0.000 χ^2/NDF : 8909216751864577894828521931944230912.0/9

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

Left In: 529.271+/-0.000 χ^2/NDF : 2962518492441283447355685929450733568.0/7

All: 398.523+/-0.000 χ^2/NDF : 116667455013

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14

+ sign 109.428+/-0.000 χ^2/NDF : 468282496706813

Left Out: 54.252+/-0.000 χ^2/NDF : 119907643635528455059731615575965696.0/9

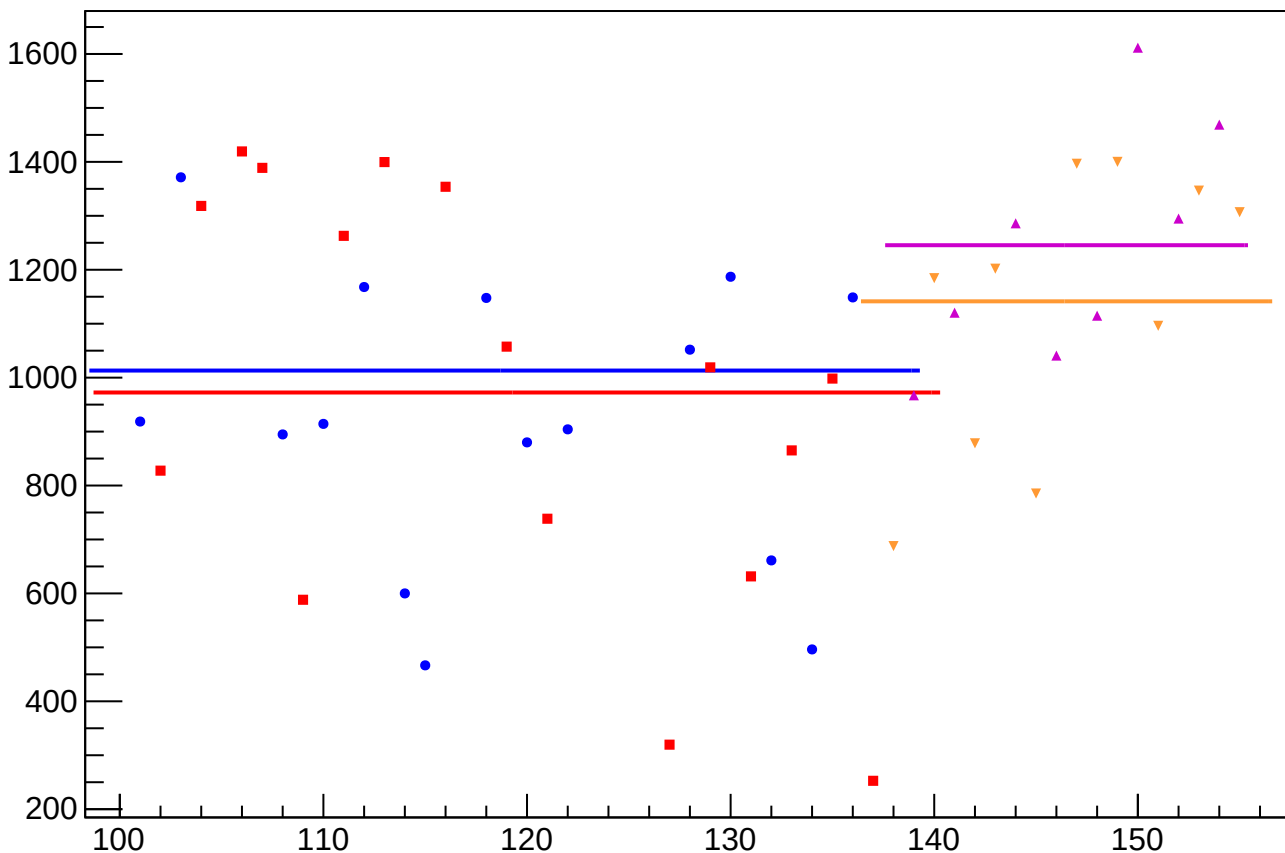
All: 105.550+/-0.000 χ^2/NDF : 72149190728

Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15

- sign 101.527+/-0.000 χ^2/NDF : 252778336947562

Left In: 59.221+/-0.000 χ^2/NDF : 241246517293045439651979224619679744.0/7

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: 972.465+/-0.000

Left In: 1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

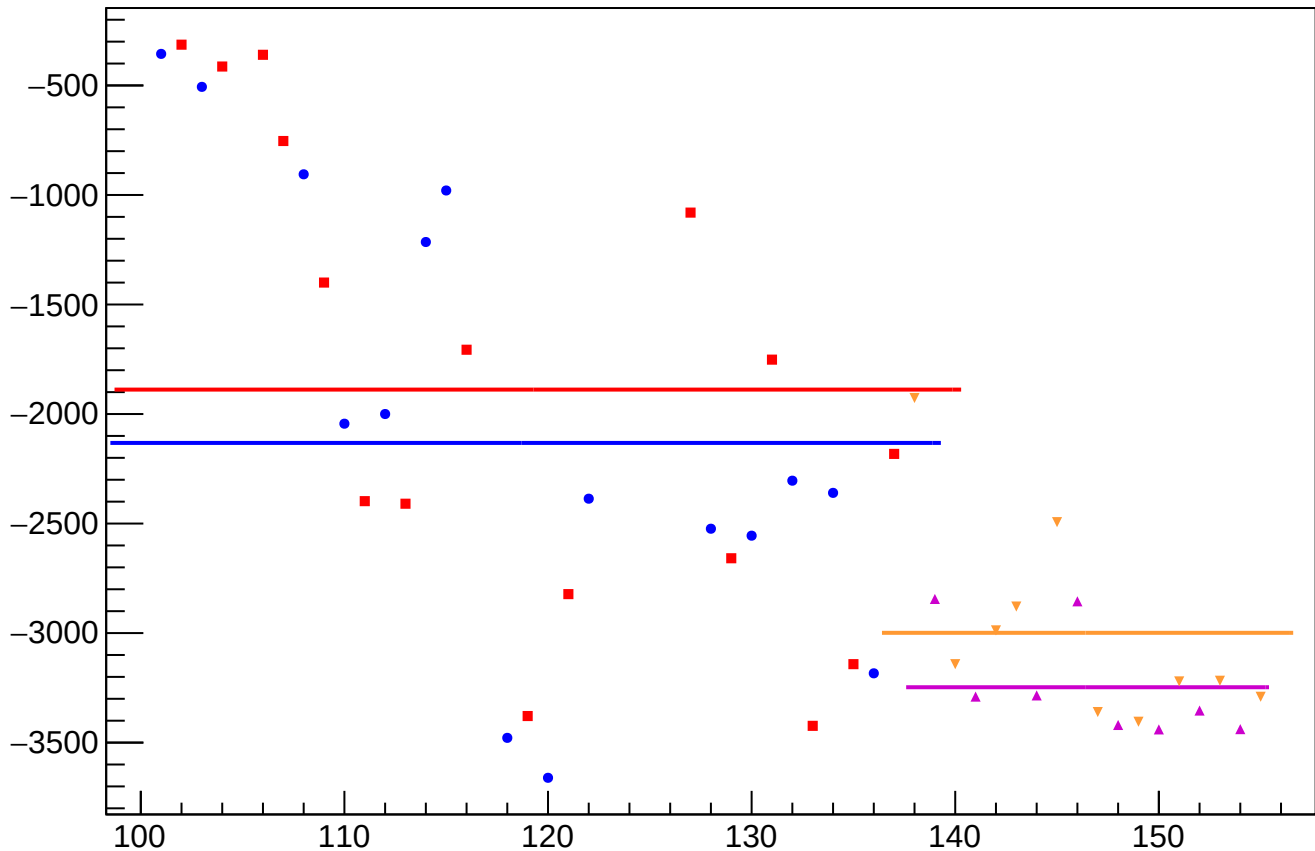
χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

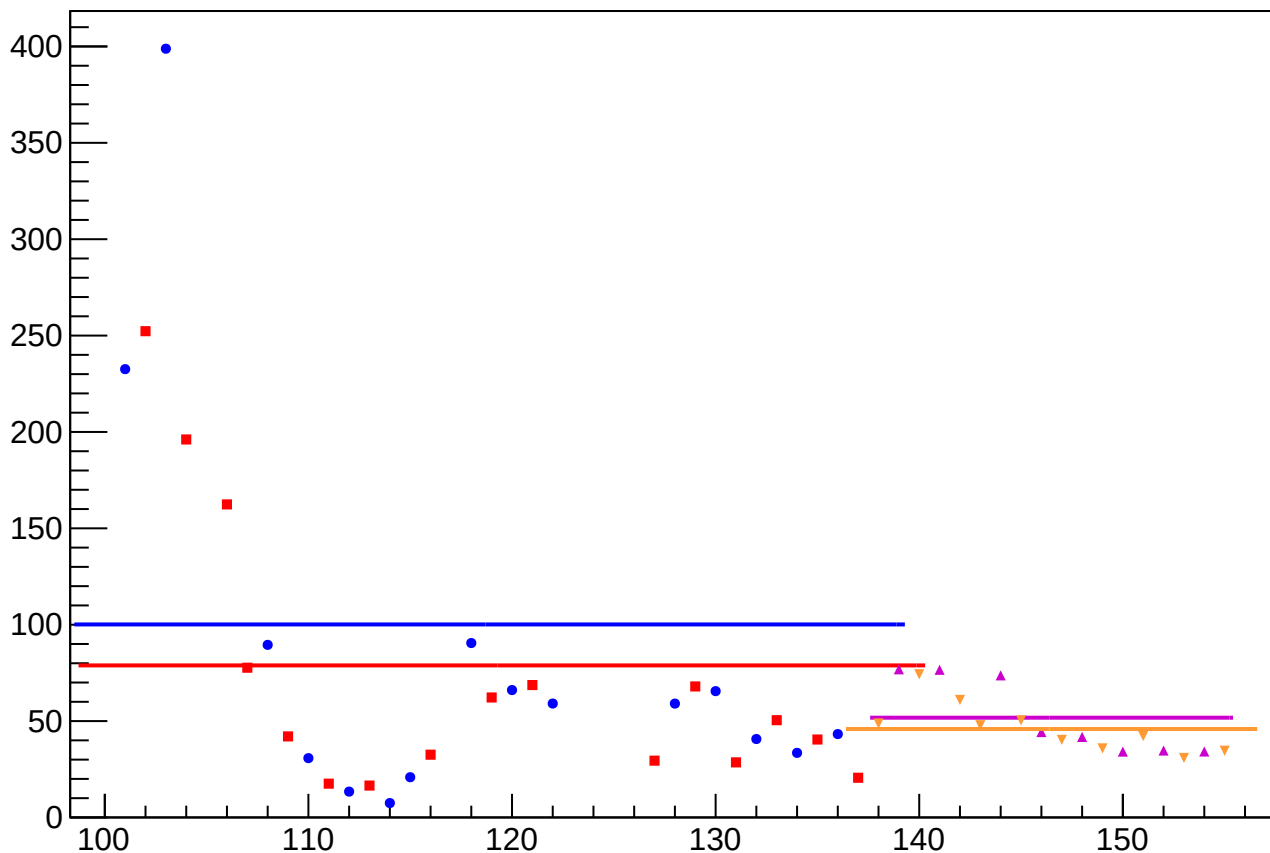
- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_sam8_coil6_mean vs Slug



Right In: -2131.905 ± 0.000 χ^2/NDF : 722433384570495071131450661983670501376.0/14
 Left Out: -2998.809 ± 0.000 χ^2/NDF : 151679249116651850285118694830010007552.0/9
 Right Out: -1888.448 ± 0.000 χ^2/NDF : 791986665551980691032719862611769819136.0/15
 Left In: -3247.257 ± 0.000 χ^2/NDF : 36313721148912447674835310552675254272.0/7

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14

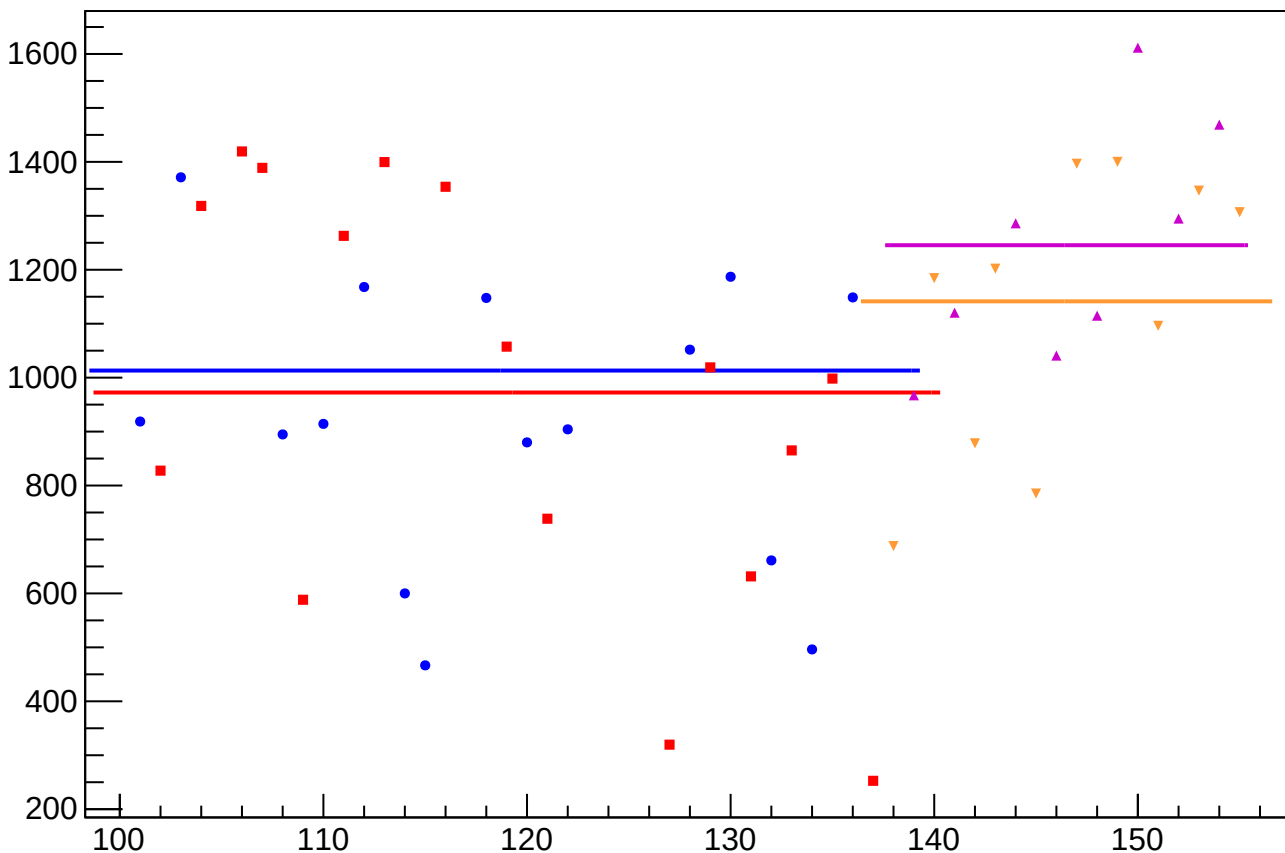
Left Out: 45.896+/-0.000 χ^2/NDF : 120454964316176485879874082484256768.0/9

Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15

Left In: 51.757+/-0.000 χ^2/NDF : 240223848285938627046804289386184704.0/7

All: 68.061+/-0.000 χ^2/NDF : 1300101699371

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1141.466+/-0.000

Right Out: 972.465+/-0.000

Left In: 1245.509+/-0.000

χ^2/NDF : 31721270909522099205936100724856324096.0/14

χ^2/NDF : 46535643184900322607306297338897629184.0/9

χ^2/NDF : 78884457200782655962756069915468234752.0/15

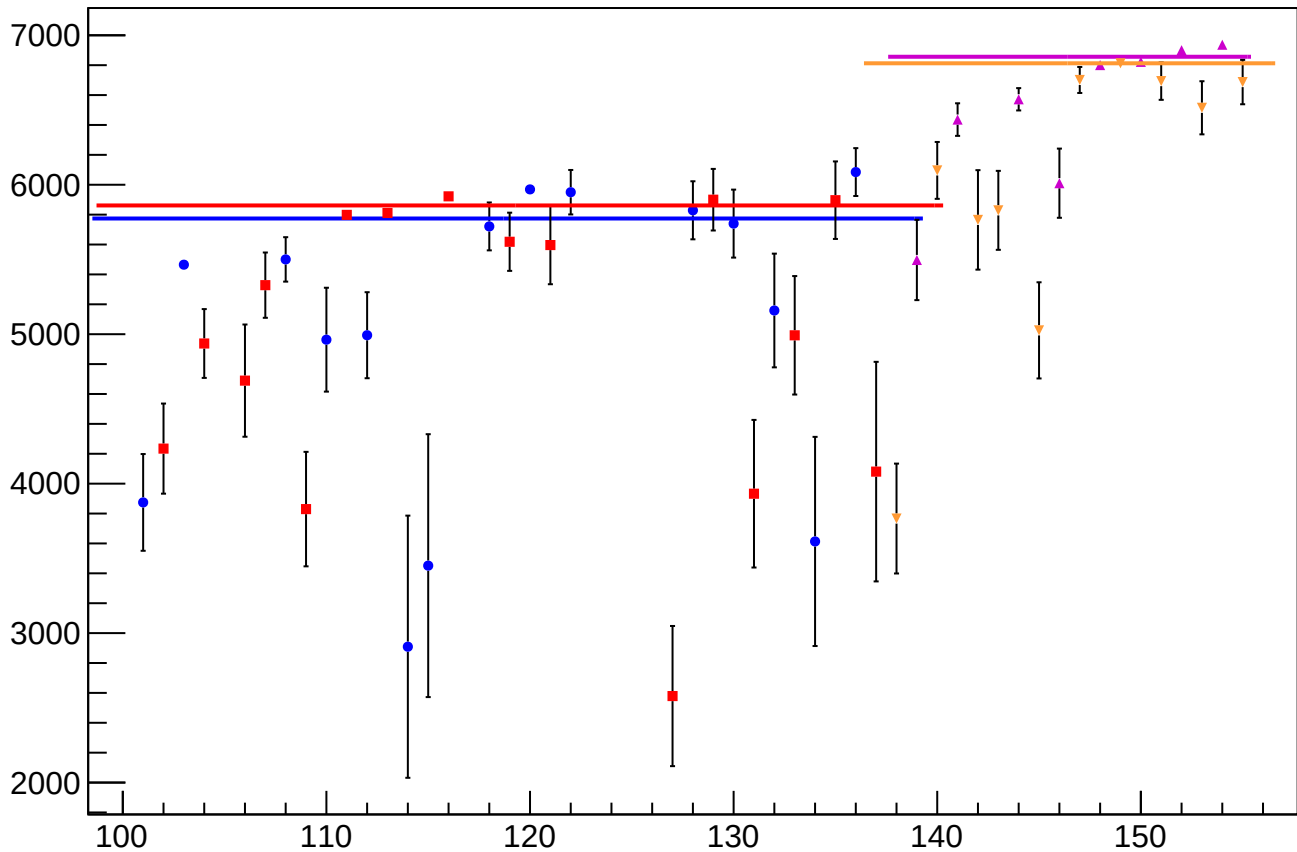
χ^2/NDF : 29517629202305629895835280294763560960.0/7

+ sign 1082.276+/-0.000 χ^2/NDF : 84014015843566

All: 1096.472+/-0.000 χ^2/NDF : 2182607953

- sign 1111.202+/-0.000 χ^2/NDF : 13366903292658

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6812.619 $\pm$ 0.311 χ^2 /NDF:143.6/9

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

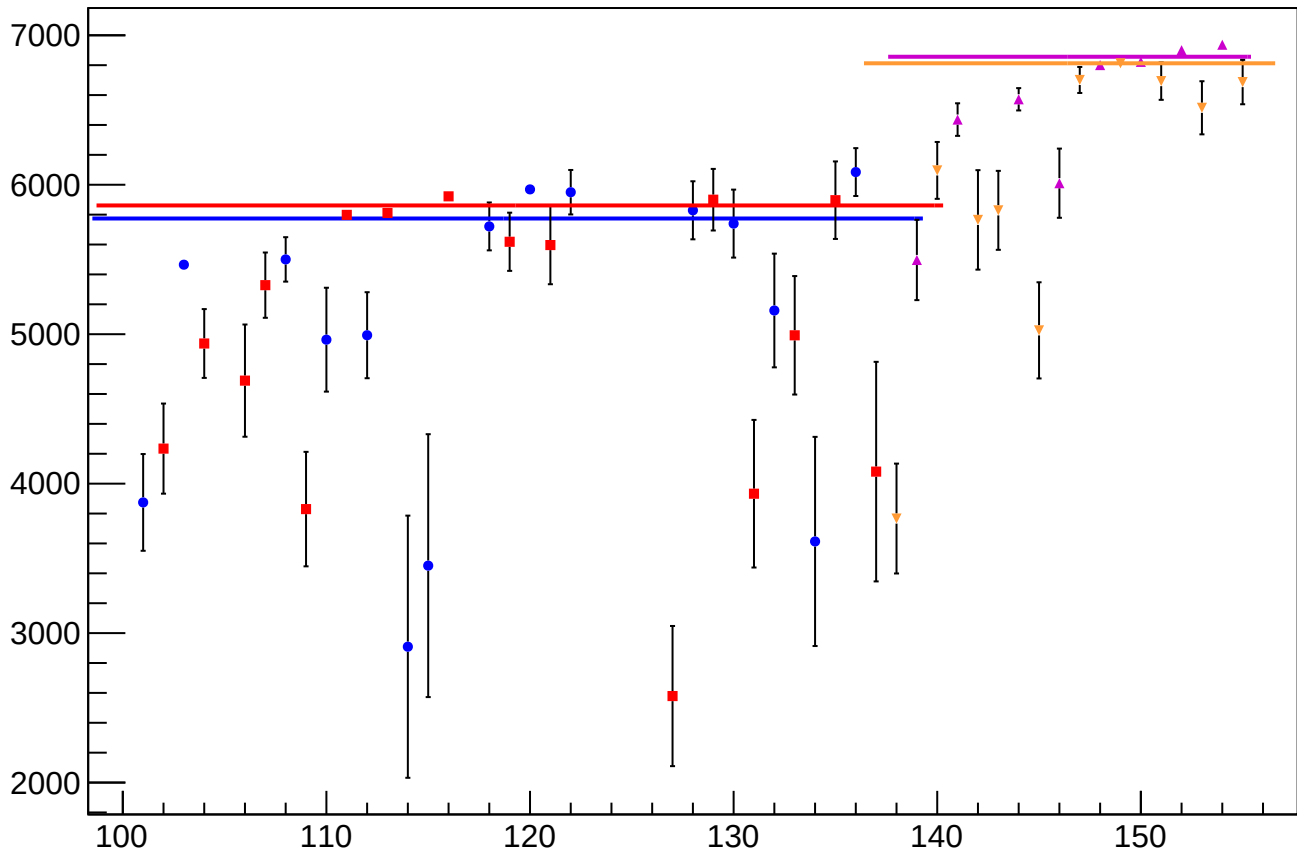
Left In: 6856.400 $\pm$ 0.193 χ^2 /NDF:91986.6/7

+ sign 6038.097 $\pm$ 0.157 χ^2 /NDF: 10154688.8/24

All: 6146.855 $\pm$ 0.092 χ^2 /NDF: 28626354.9/4

- sign 6203.477 $\pm$ 0.113 χ^2 /NDF: 17739214.8/23

dit_run_rms vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6812.619 $\pm$ 0.311 χ^2 /NDF:143.6/9

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

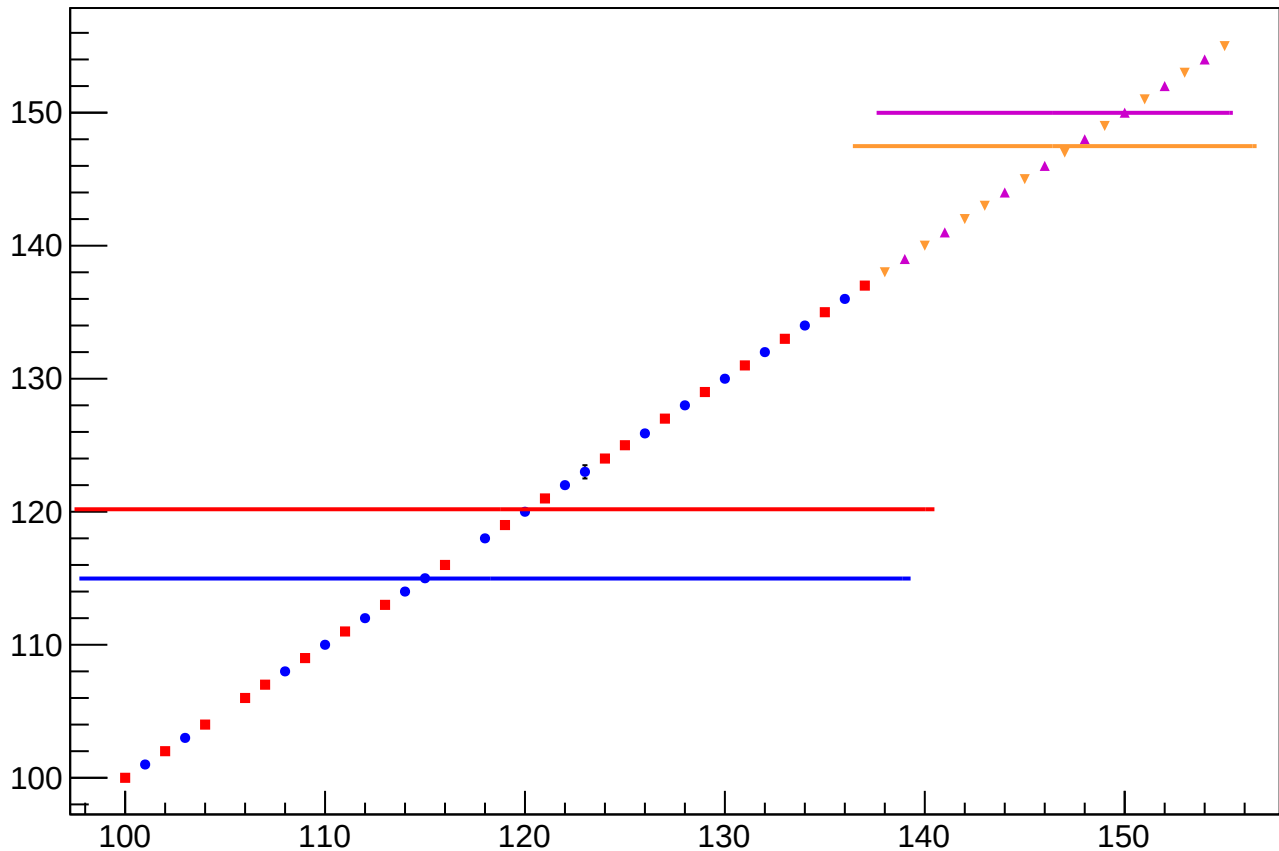
Left In: 6856.400 $\pm$ 0.193 χ^2 /NDF:91986.6/7

+ sign 6038.097 $\pm$ 0.157 χ^2 /NDF: 10154688.8/24

All: 6146.855 $\pm$ 0.092 χ^2 /NDF: 28626354.9/4

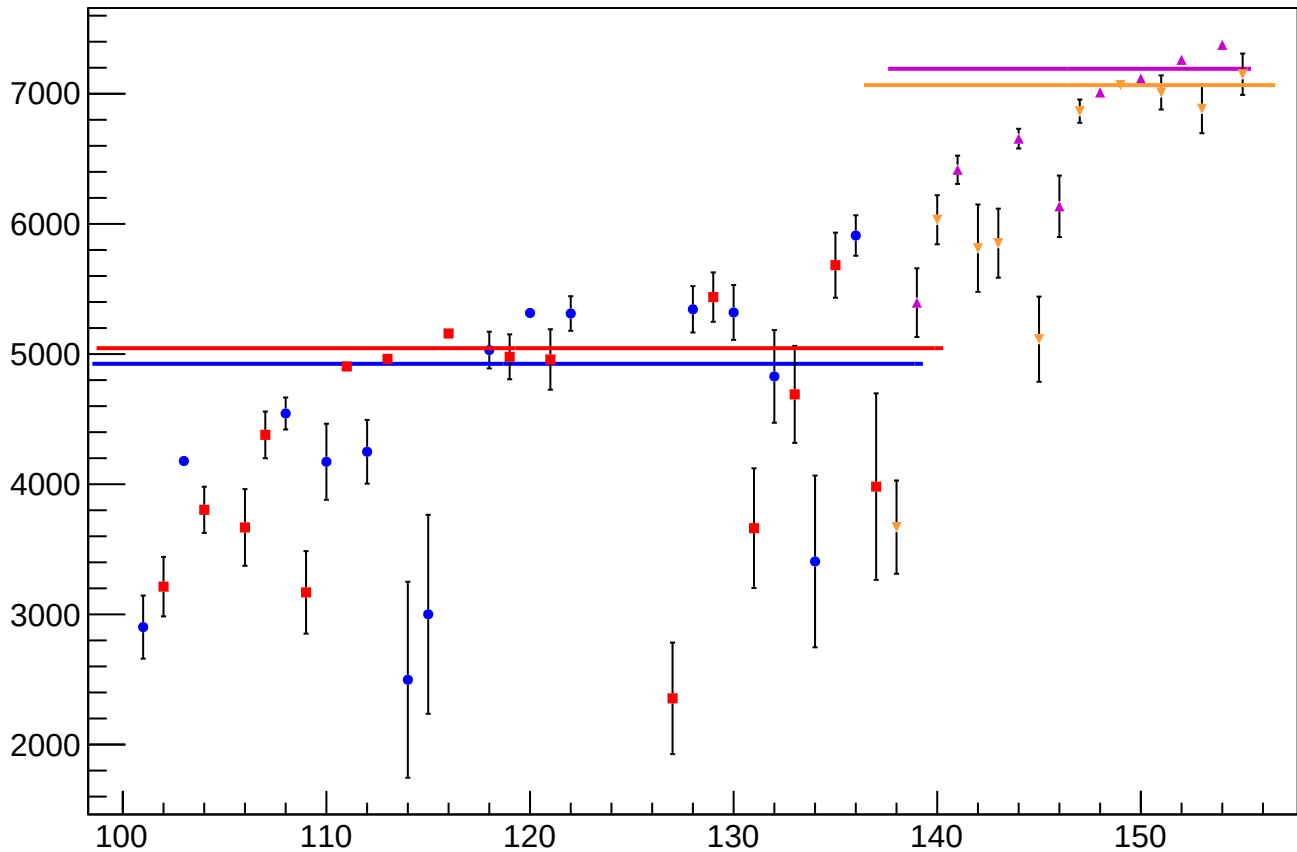
- sign 6203.477 $\pm$ 0.113 χ^2 /NDF: 17739214.8/23

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 147.485+/-0.000 χ^2/NDF : 12900818648050543712514512781312.0/9
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 149.989+/-0.000 χ^2/NDF : 6090608723282223943032632246272.0/7

dit_cyclenum_mean vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7066.437 $\pm$ 1.478 χ^2 /NDF:197.0/9

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

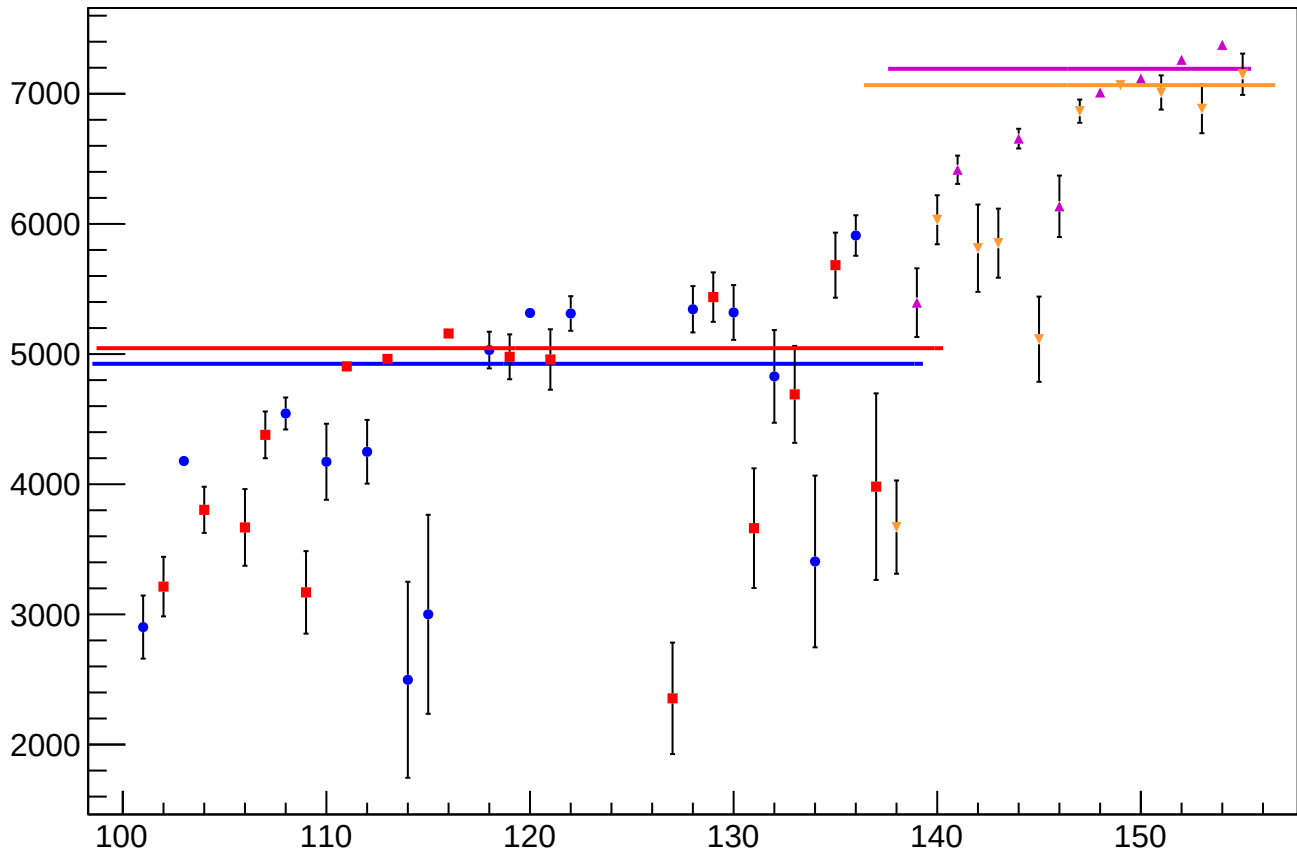
Left In: 7191.878 $\pm$ 0.849 χ^2 /NDF:26668.4/7

+ sign 5541.023 $\pm$ 0.792 χ^2 /NDF: 1827331.0/24

All: 5766.387 $\pm$ 0.438 χ^2 /NDF: 5947827.2/48

- sign 5865.332 $\pm$ 0.525 χ^2 /NDF: 4004070.6/23

dit_cyclenum_rms vs Slug



Right In: 4925.305 $\pm$ 0.939 χ^2 /NDF: 330994.6/14

Left Out: 7066.437 $\pm$ 1.478 χ^2 /NDF:197.0/9

Right Out: 5045.221 $\pm$ 0.668 χ^2 /NDF: 30179.9/15

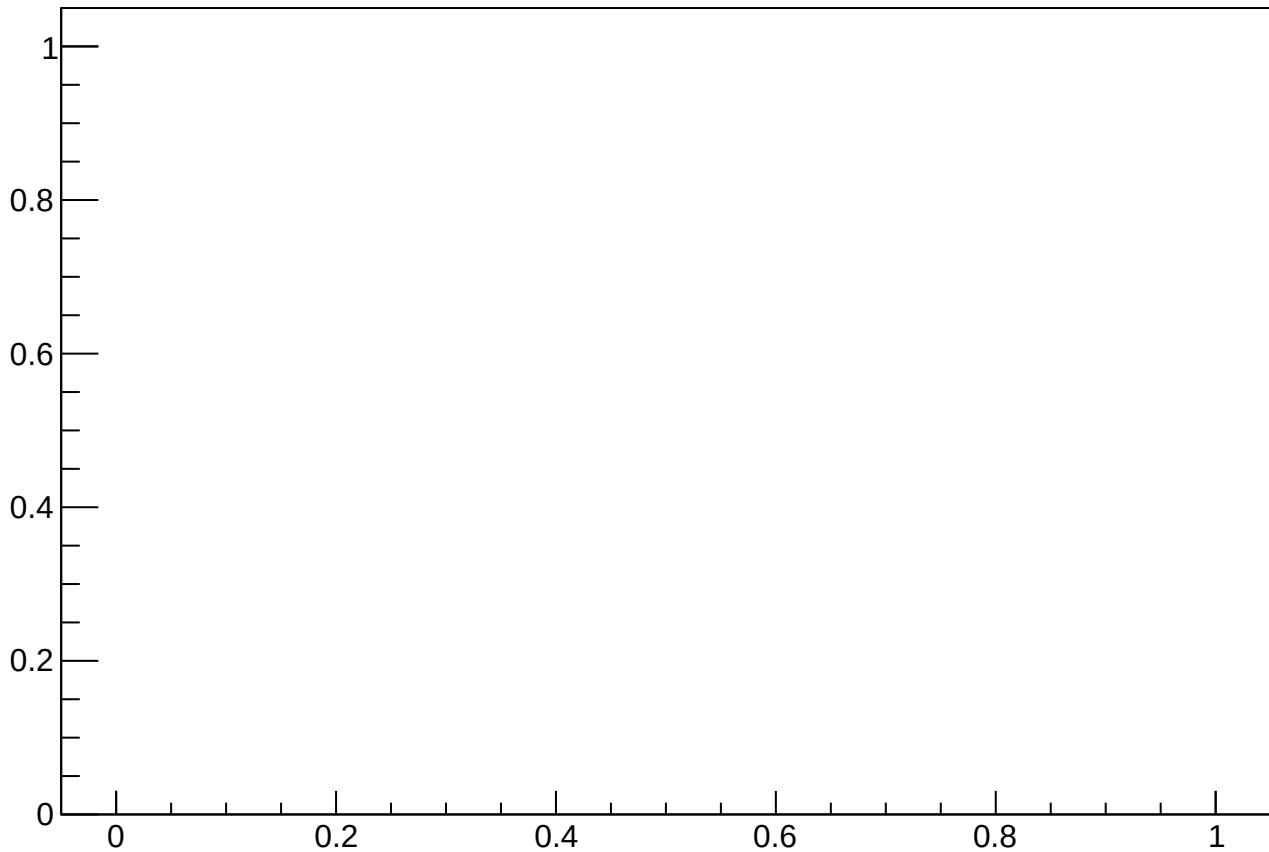
Left In: 7191.878 $\pm$ 0.849 χ^2 /NDF:26668.4/7

+ sign 5541.023 $\pm$ 0.792 χ^2 /NDF: 1827331.0/24

All: 5766.387 $\pm$ 0.438 χ^2 /NDF: 5947827.2/48

- sign 5865.332 $\pm$ 0.525 χ^2 /NDF: 4004070.6/23

dit_scandata1_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

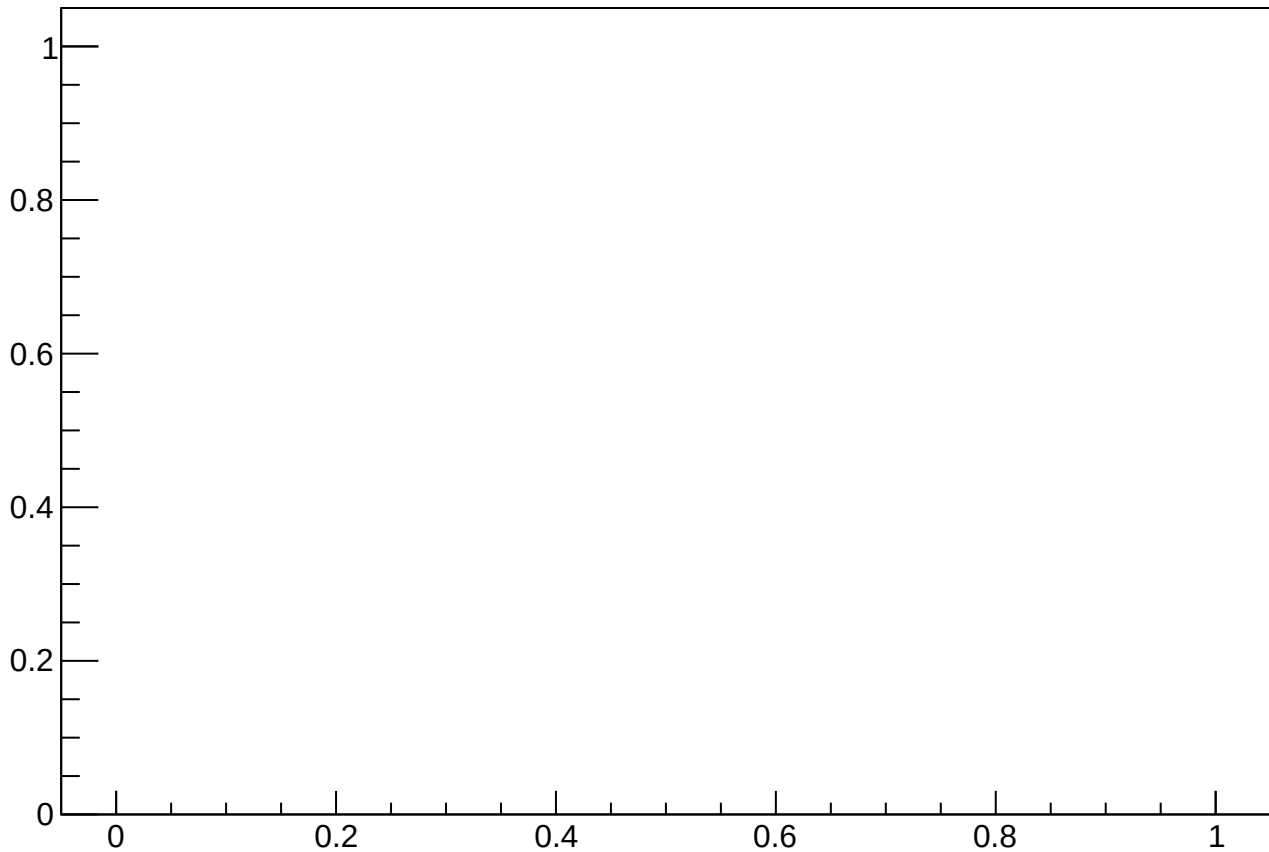
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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_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

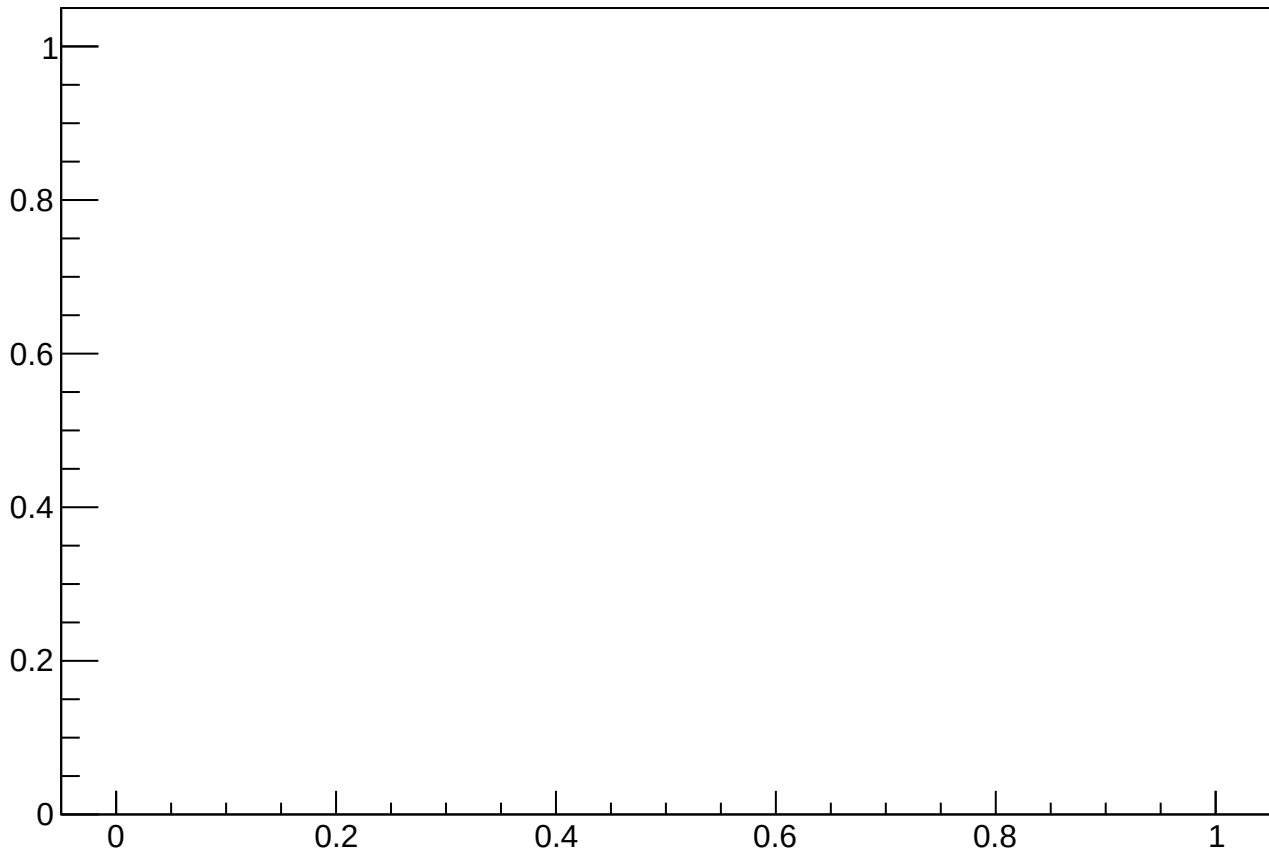
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ 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 $\pm$ 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_scandata2_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

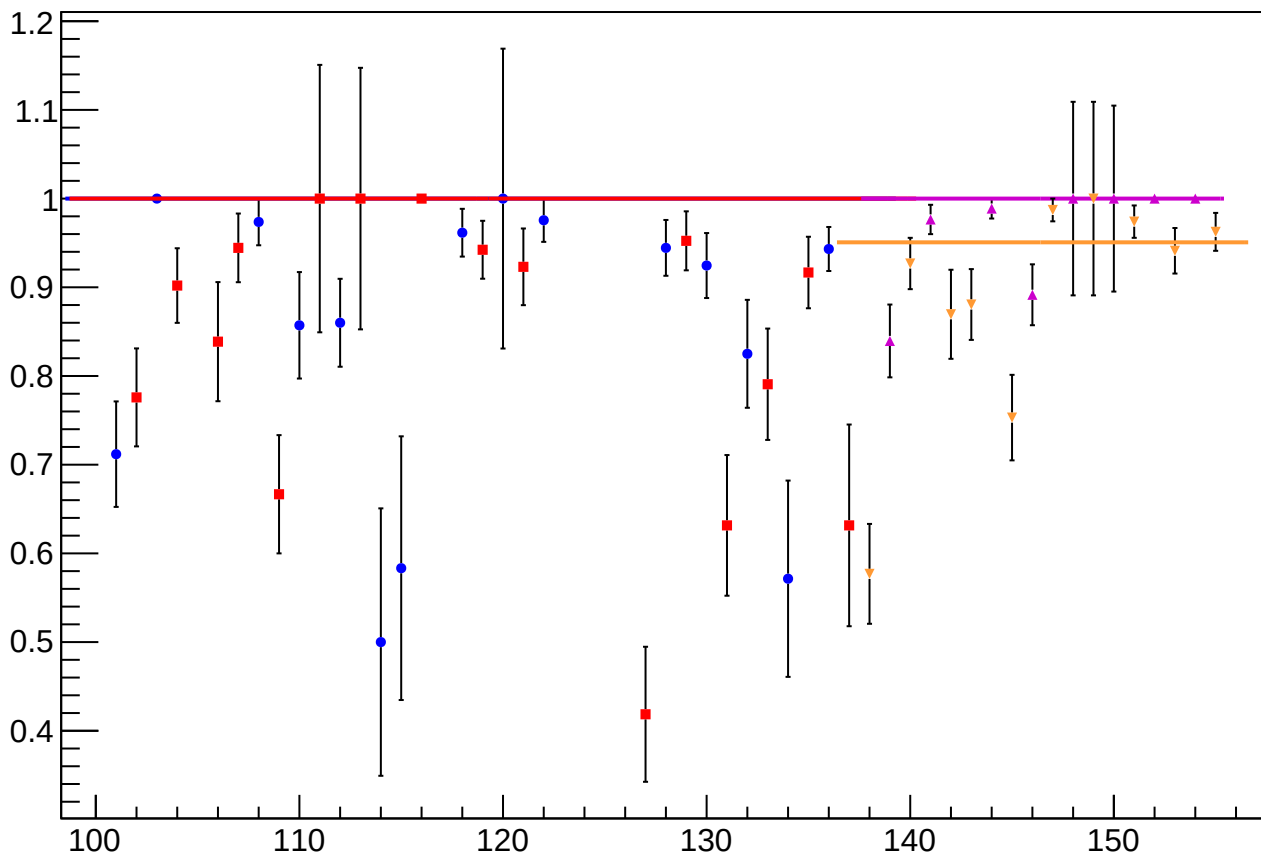
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_flag_mean vs Slug



Right In: 1.000 ± 0.000 χ^2/NDF : 95.9/14

Left Out: 0.951 ± 0.008 χ^2/NDF : 77.6/9

Right Out: 1.000 ± 0.000 χ^2/NDF : 168.9/15

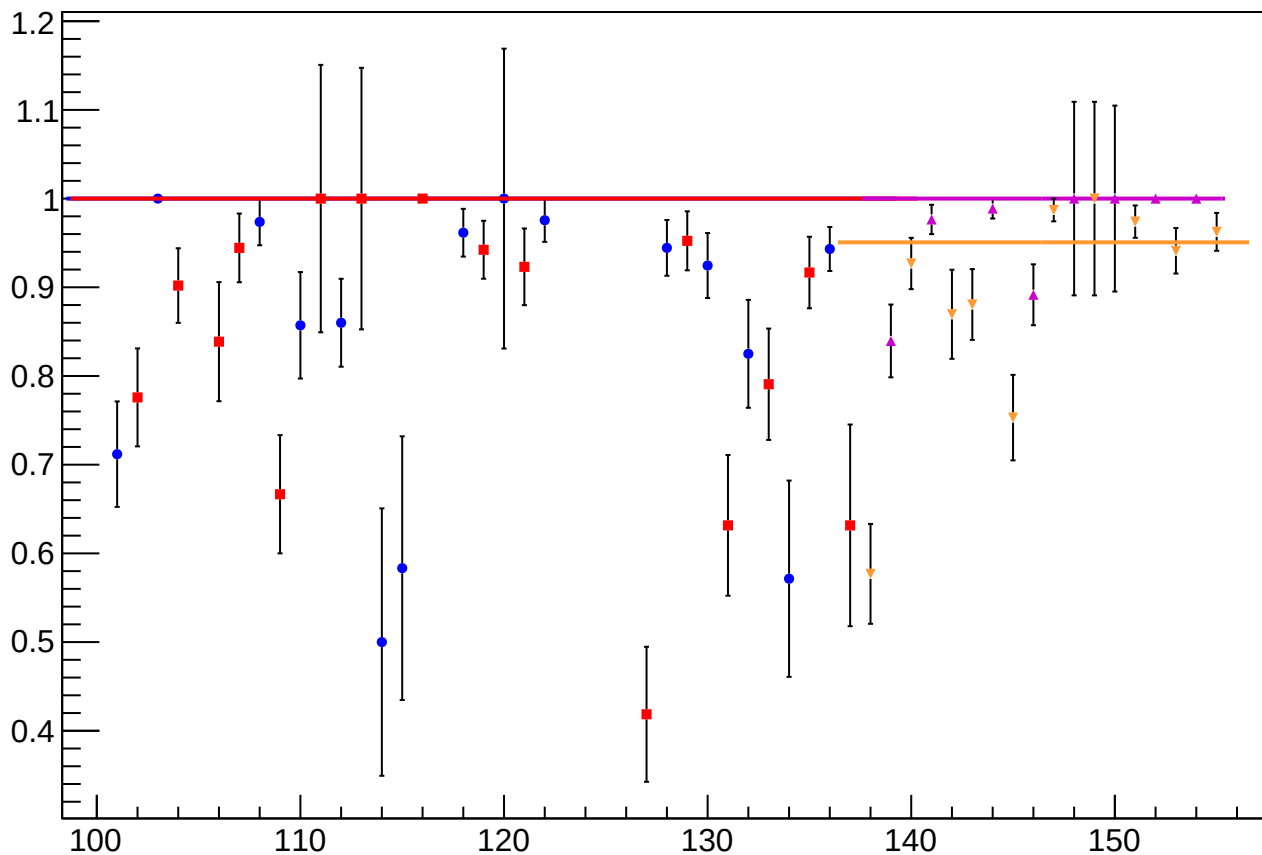
Left In: 1.000 ± 0.000 χ^2/NDF : 372.3/7

+ sign 1.000 ± 0.000 χ^2/NDF : 212.0/24

All: 1.000 ± 0.000 χ^2/NDF : 753.2/48

- sign 1.000 ± 0.000 χ^2/NDF : 541.2/23

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 0.951 $\pm$ 0.008 χ^2 /NDF: 77.6/9

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

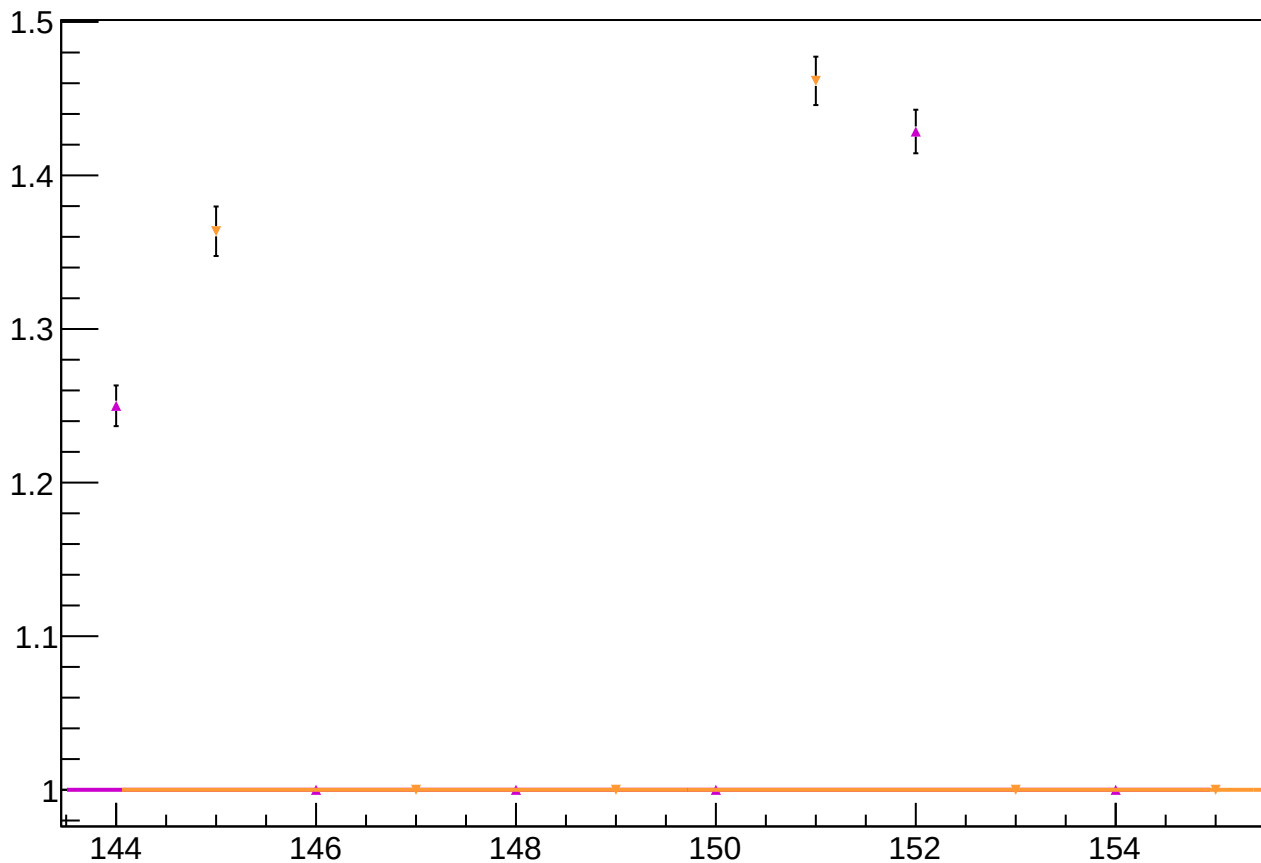
Left In: 1.000 $\pm$ 0.000 χ^2 /NDF: 372.3/7

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 212.0/24

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 753.2/48

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 541.2/23

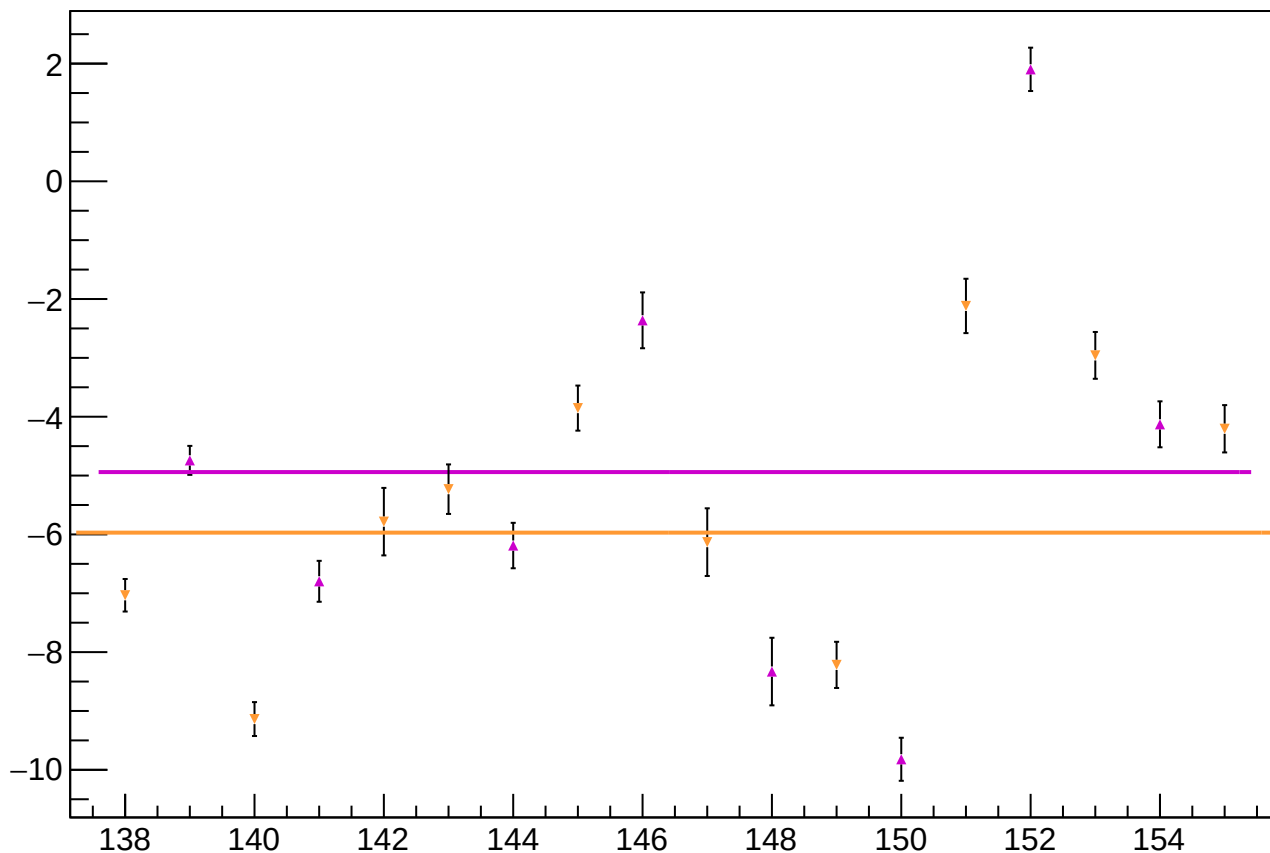
dit_segment_slope vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 1.000+/-0.000 χ^2 /NDF:1690.1/5
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 1.000+/-0.000 χ^2 /NDF:3700.5/5

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0
All: 1.000+/-0.000 χ^2 /NDF: 3753.5/11
- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -5.970+/-0.122 χ^2/NDF : 348.5/9

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

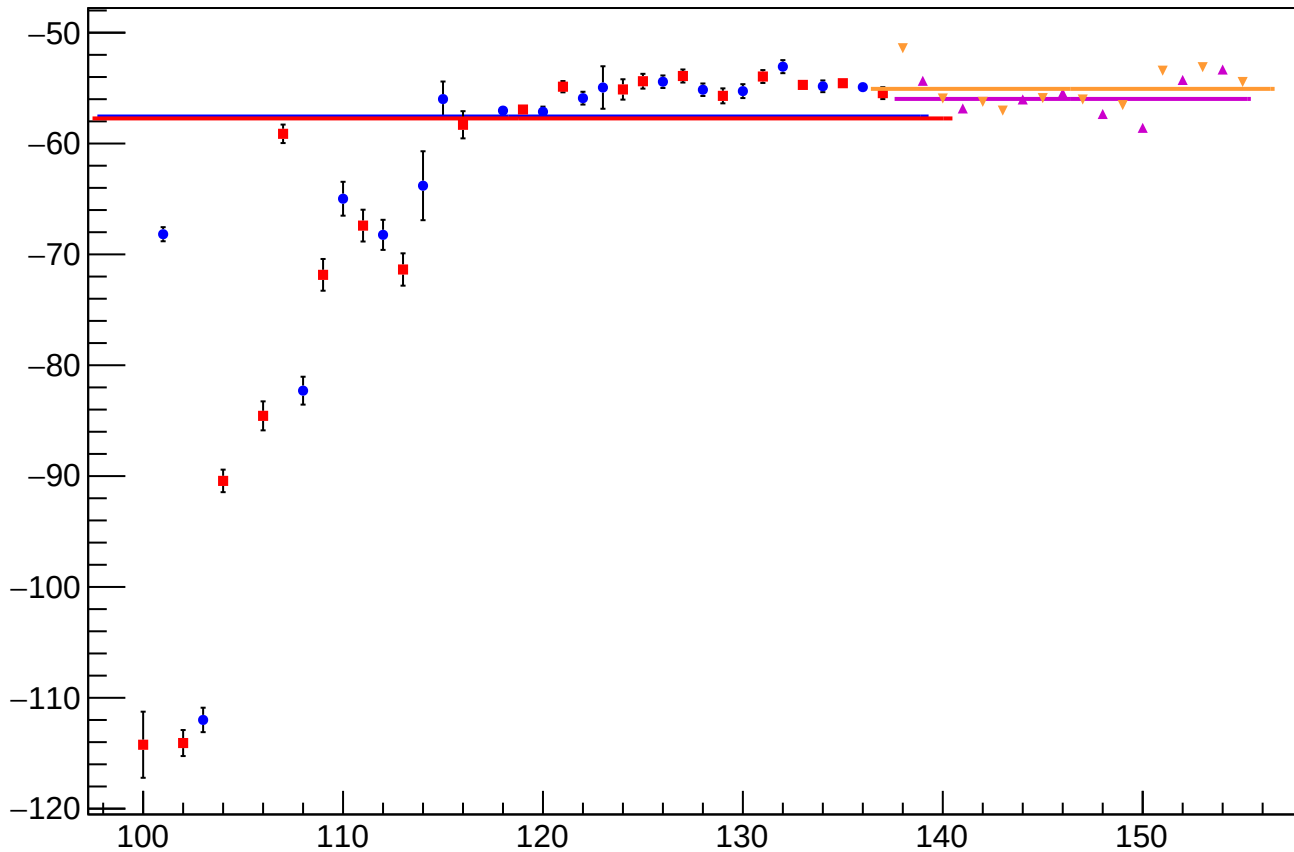
Left In: -4.941+/-0.129 χ^2/NDF : 631.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.483+/-0.088 χ^2/NDF : 1013.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.563 ± 0.141 χ^2/NDF : 3455.9/16

Left Out: -55.069 ± 0.090 χ^2/NDF : 338.5/9

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

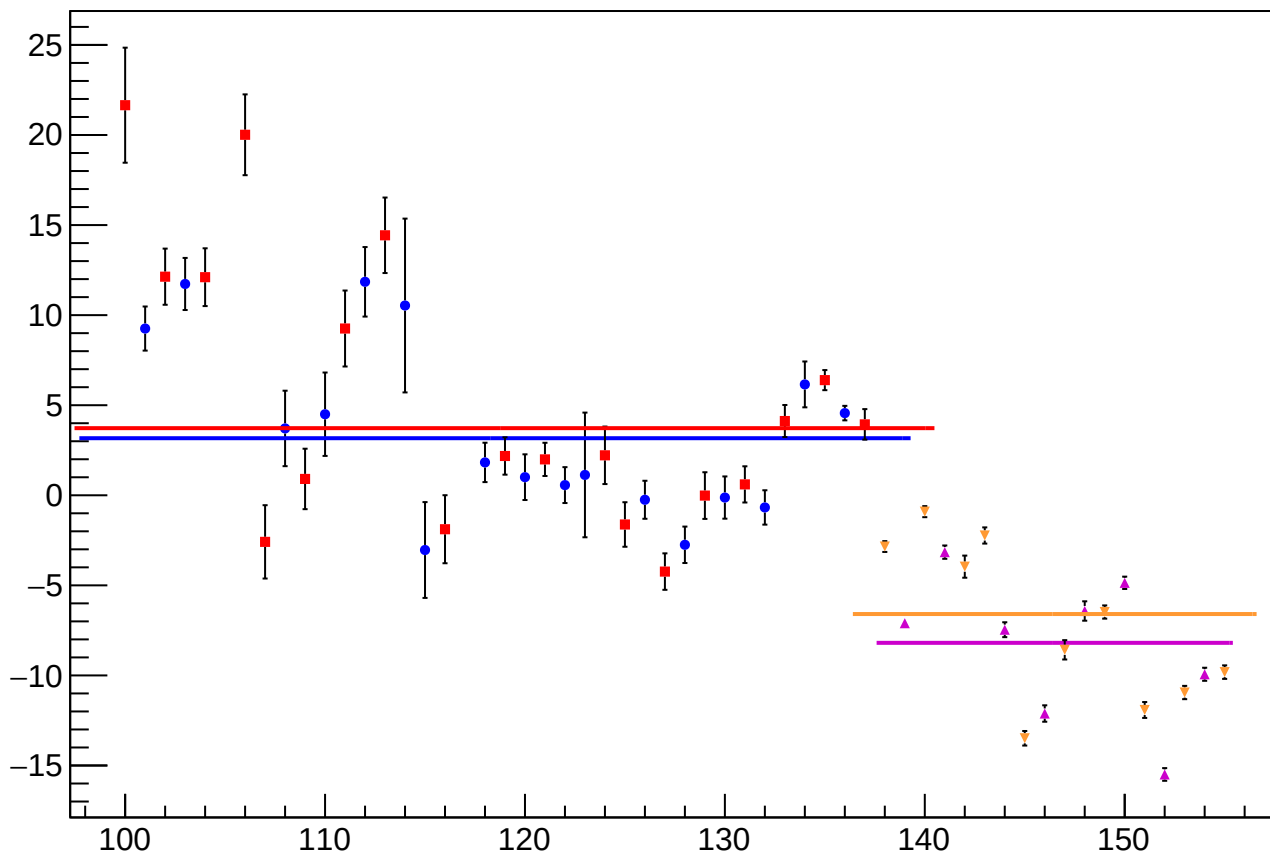
Left In: -55.976 ± 0.100 χ^2/NDF : 296.3/7

+ sign -55.792 ± 0.076 χ^2/NDF : 4015.3/26

All: -56.145 ± 0.056 χ^2/NDF : 9158.1/53

- sign -56.556 ± 0.082 χ^2/NDF : 5096.2/26

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -6.592 ± 0.123 χ^2/NDF : 1274.8/9

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

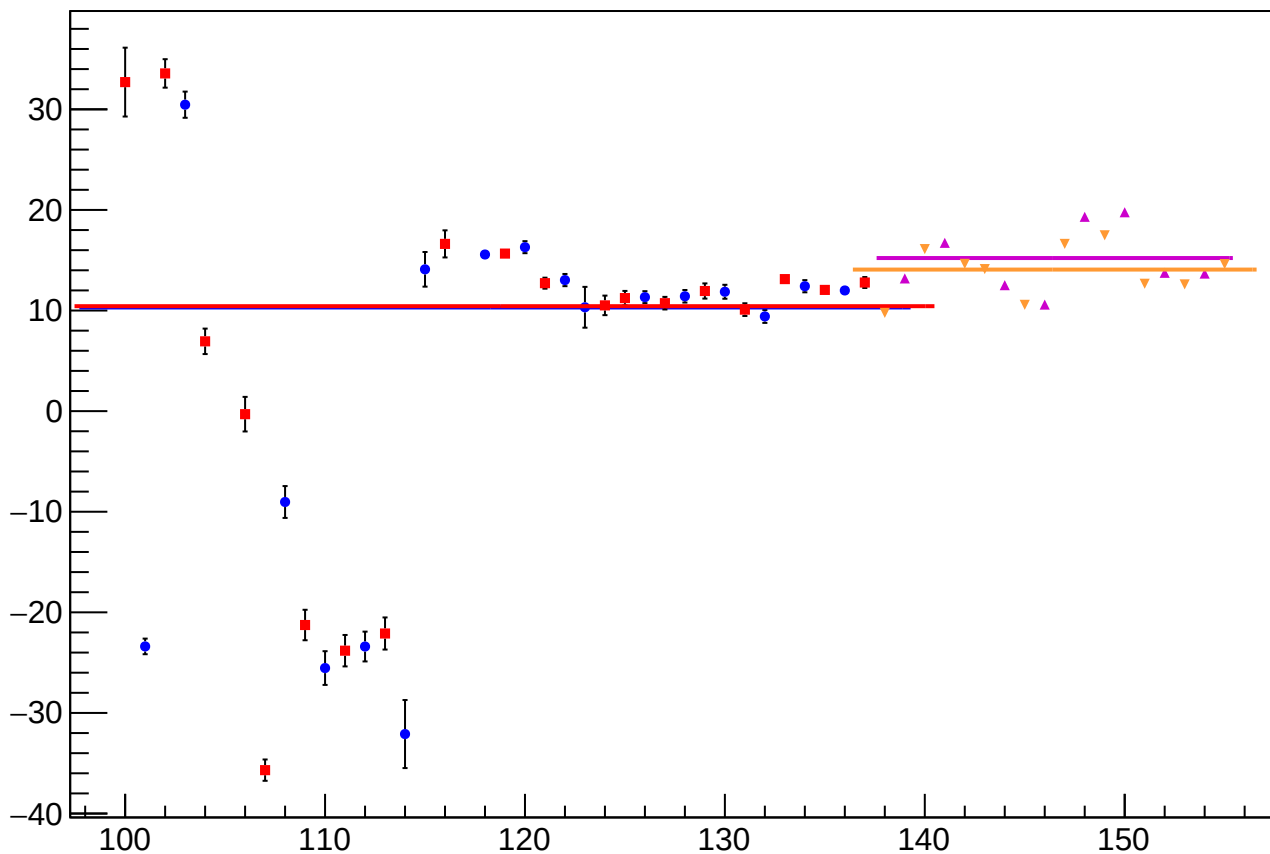
Left In: -8.191 ± 0.129 χ^2/NDF : 838.2/7

+ sign -4.777 ± 0.111 χ^2/NDF : 2628.5/26

All: -5.325 ± 0.080 χ^2/NDF : 5453.3/53

- sign -5.926 ± 0.116 χ^2/NDF : 2773.9/26

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 ± 0.157 $\chi^2/\text{NDF}: 3712.3/16$

Left Out: 14.072 ± 0.108 $\chi^2/\text{NDF}: 501.9/9$

Right Out: 10.433 ± 0.160 $\chi^2/\text{NDF}: 3828.5/18$

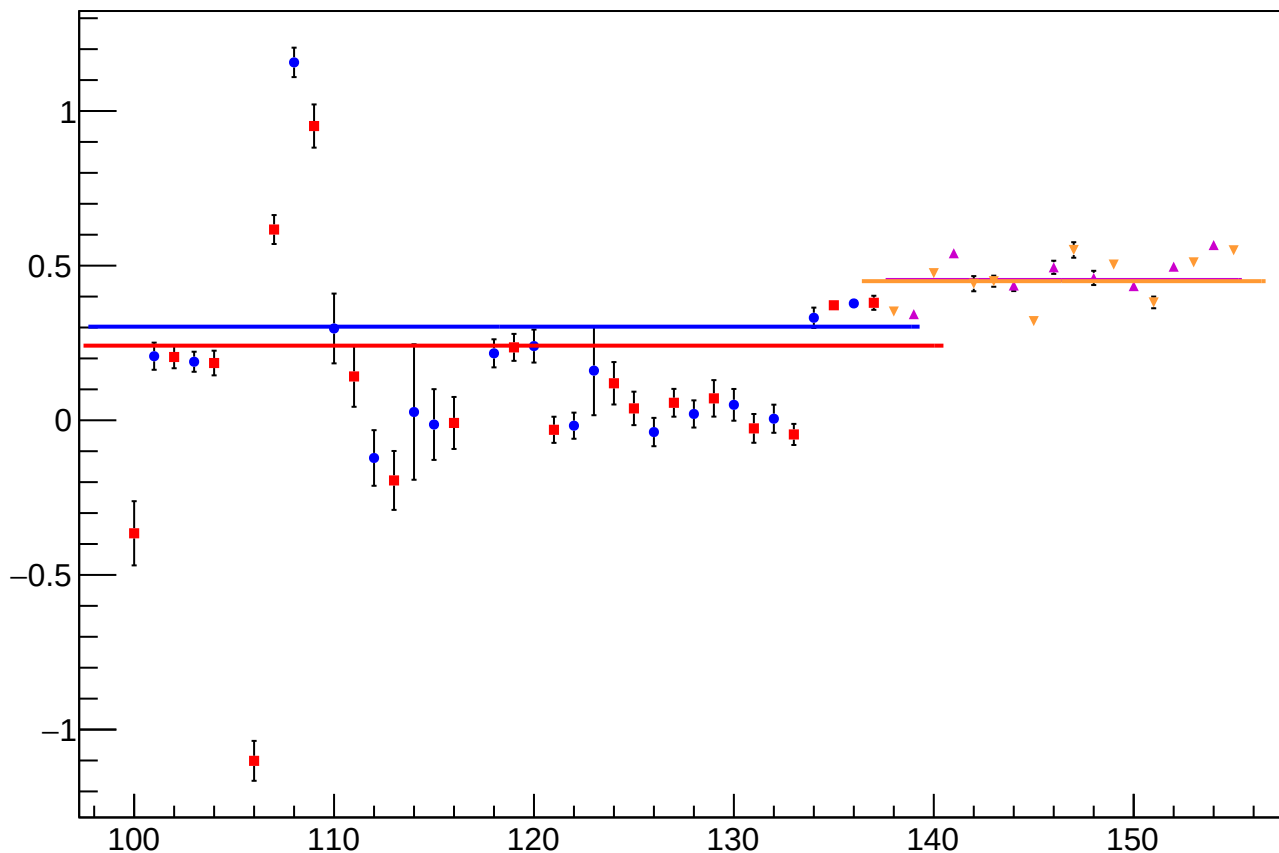
Left In: 15.218 ± 0.119 $\chi^2/\text{NDF}: 666.8/7$

+ sign 12.862 ± 0.089 $\chi^2/\text{NDF}: 4605.8/26$

All: 13.168 ± 0.065 $\chi^2/\text{NDF}: 9704.5/53$

- sign 13.520 ± 0.095 $\chi^2/\text{NDF}: 5073.1/26$

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2/NDF : 646.6/16

Left Out: 0.450 $\pm$ 0.005 χ^2/NDF : 264.4/9

Right Out: 0.241 $\pm$ 0.008 χ^2/NDF : 986.7/18

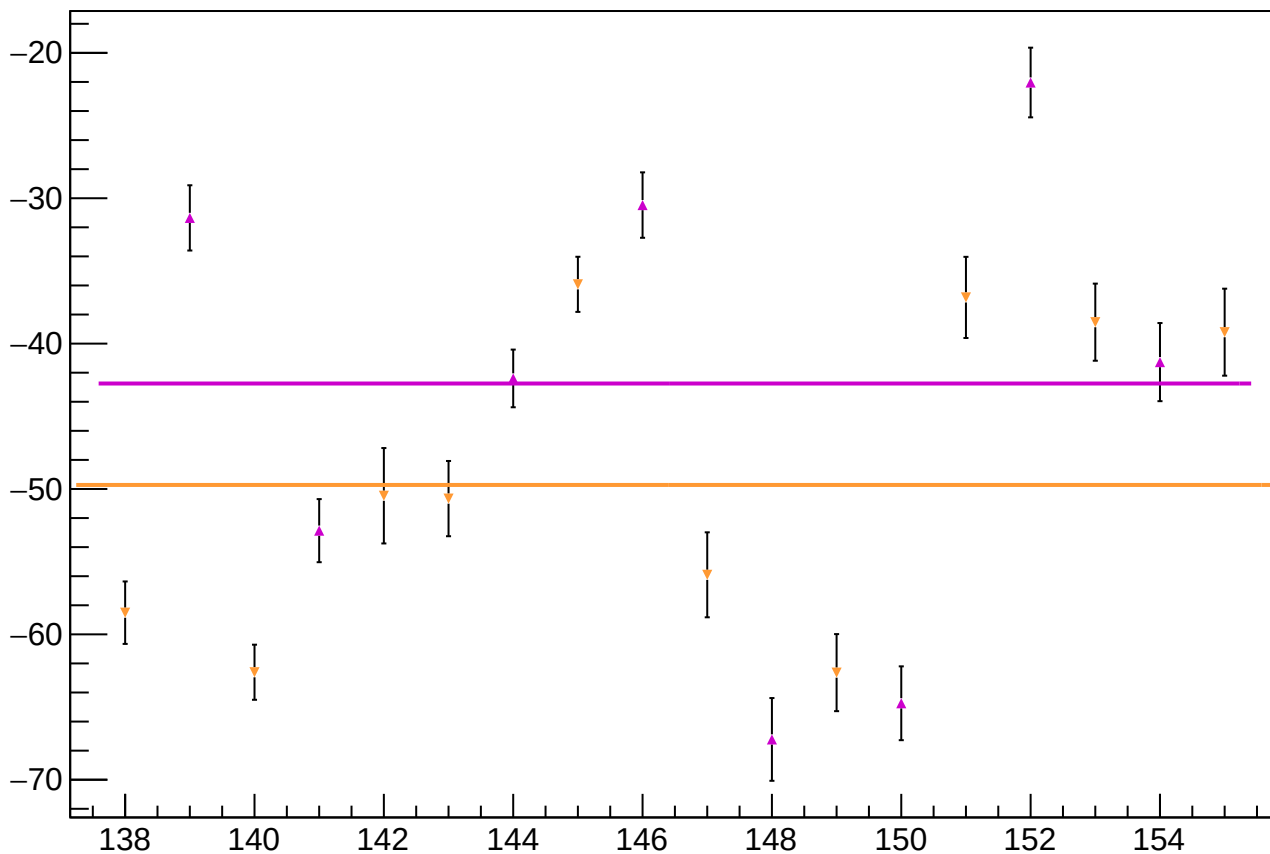
Left In: 0.454 $\pm$ 0.005 χ^2/NDF : 266.6/7

+ sign 0.411 $\pm$ 0.004 χ^2/NDF : 1148.9/26

All: 0.405 $\pm$ 0.003 χ^2/NDF : 2868.5/53

- sign 0.398 $\pm$ 0.004 χ^2/NDF : 1714.8/26

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -49.722+/-0.777 χ^2/NDF :195.8/9

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

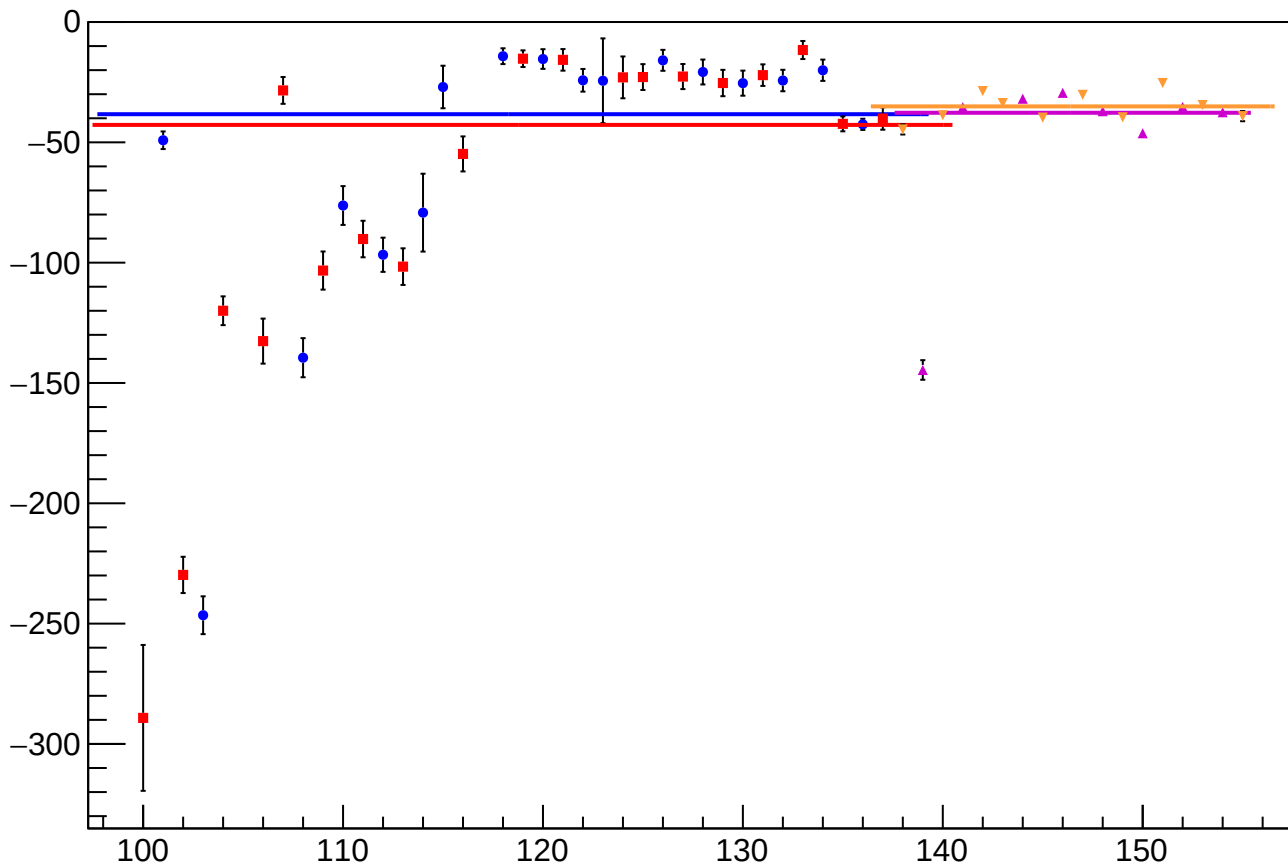
Left In: -42.744+/-0.829 χ^2/NDF :301.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.462+/-0.567 χ^2/NDF : 534.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.309 ± 1.137 $\chi^2/\text{NDF}: 1132.7/16$

Left Out: -35.066 ± 0.544 $\chi^2/\text{NDF}: 103.3/9$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

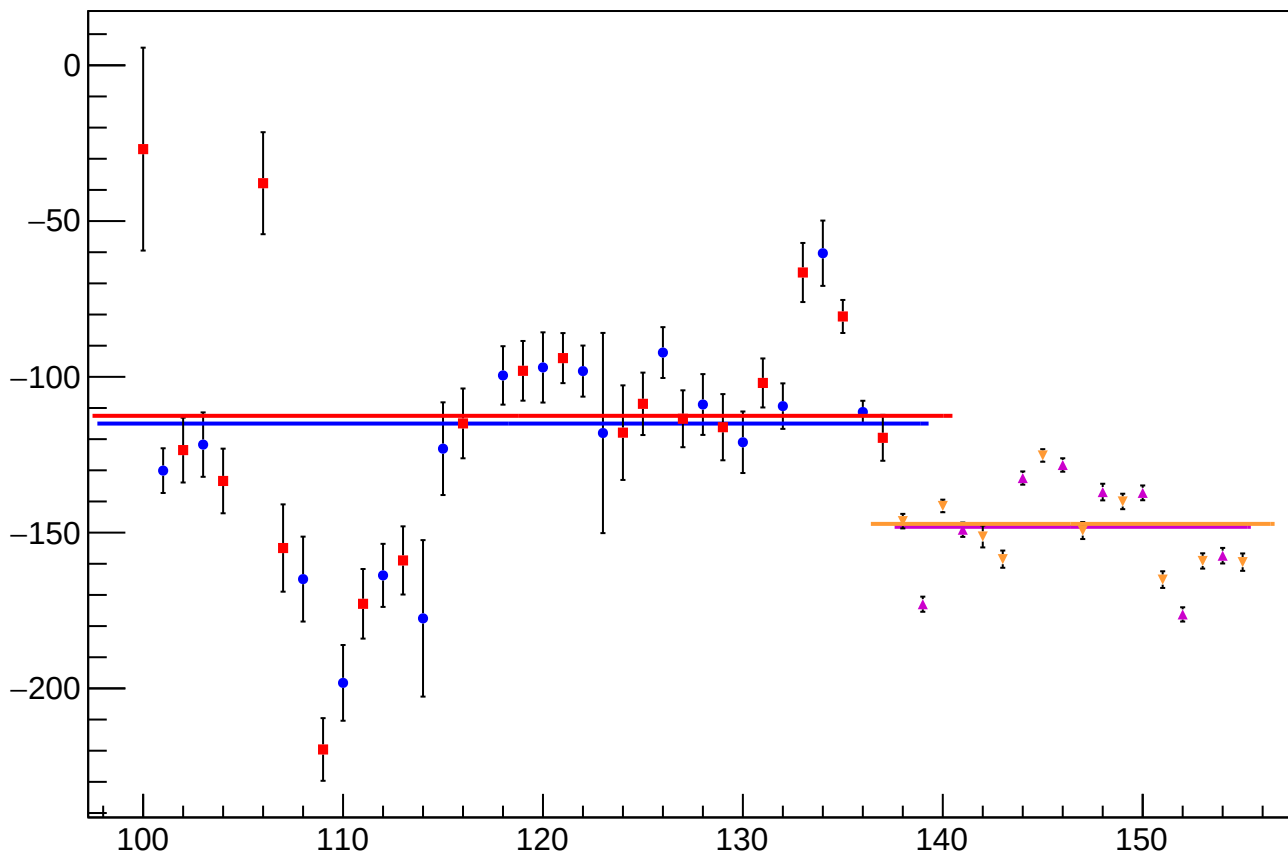
Left In: -37.715 ± 0.581 $\chi^2/\text{NDF}: 771.0/7$

+ sign -35.670 ± 0.491 $\chi^2/\text{NDF}: 1242.6/26$

All: -37.067 ± 0.358 $\chi^2/\text{NDF}: 3386.5/53$

- sign -38.658 ± 0.524 $\chi^2/\text{NDF}: 2126.6/26$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 χ^2/NDF : 141.8/16

Left Out: -147.195 ± 0.786 χ^2/NDF : 241.4/9

Right Out: -112.510 ± 2.207 χ^2/NDF : 273.1/18

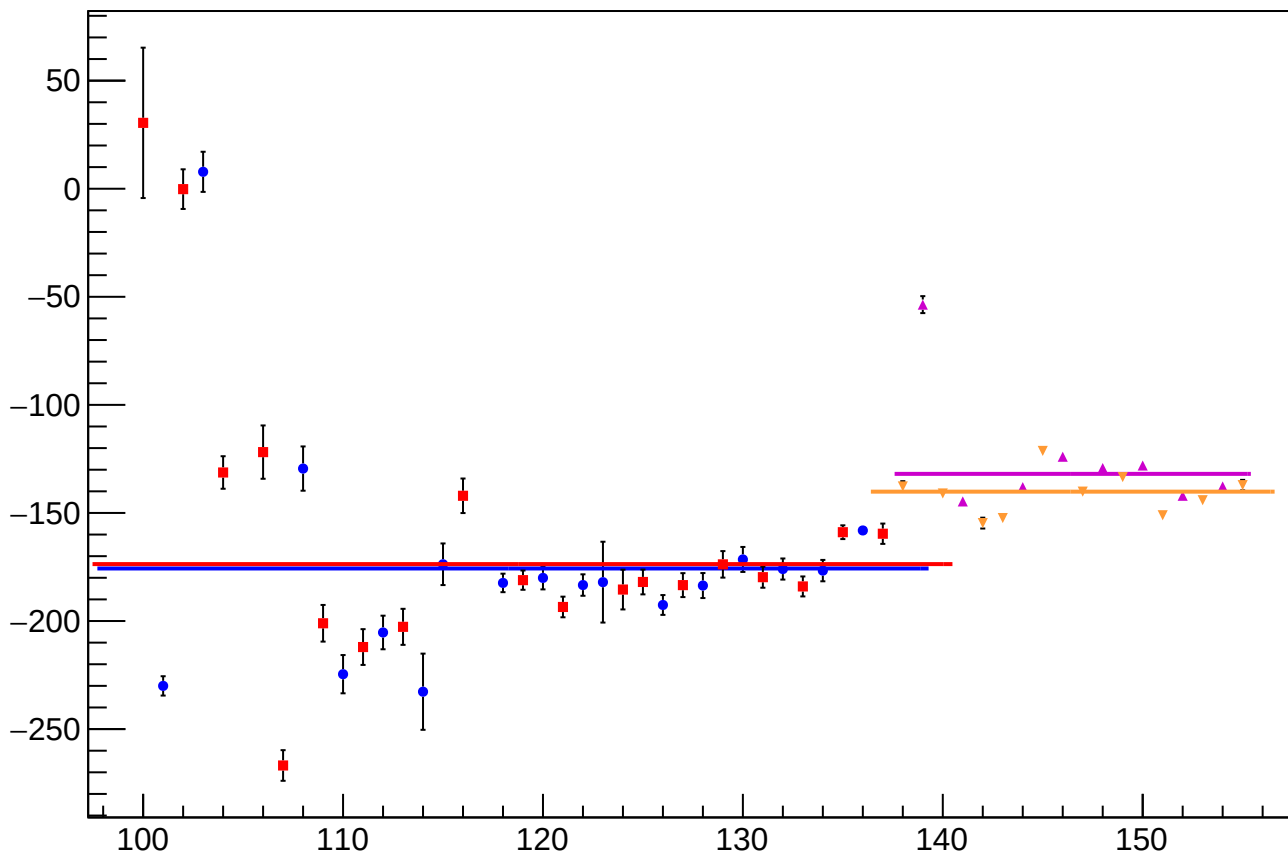
Left In: -148.134 ± 0.827 χ^2/NDF : 446.3/7

+ sign -143.144 ± 0.735 χ^2/NDF : 594.3/26

All: -143.429 ± 0.533 χ^2/NDF : 1542.6/53

- sign -143.745 ± 0.774 χ^2/NDF : 948.0/26

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -140.147 ± 0.661 χ^2/NDF : 224.0/9

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

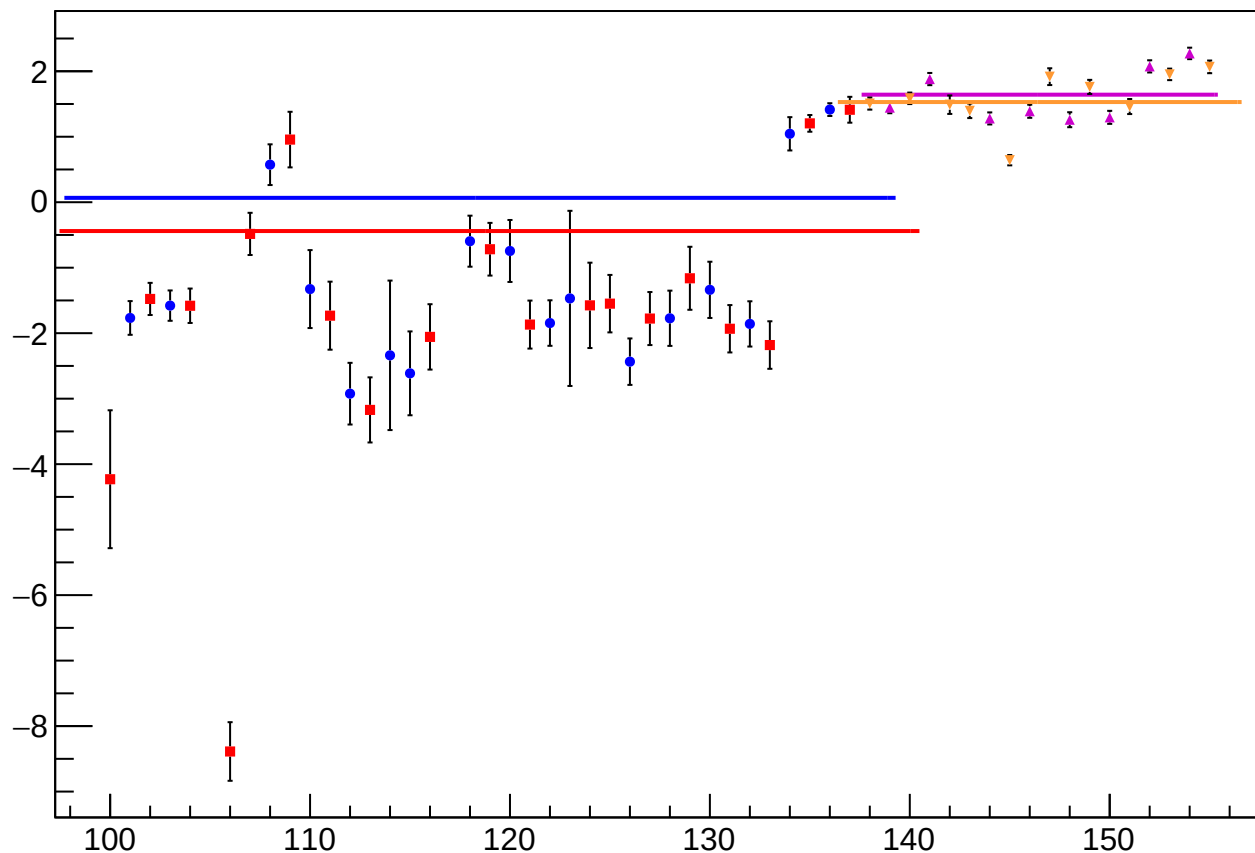
Left In: -131.922 ± 0.707 χ^2/NDF : 515.7/7

+ sign -147.743 ± 0.586 χ^2/NDF : 1535.3/26

All: -144.524 ± 0.428 χ^2/NDF : 3598.8/53

- sign -140.842 ± 0.627 χ^2/NDF : 1998.8/26

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.530 ± 0.032 χ^2/NDF : 196.0/9

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

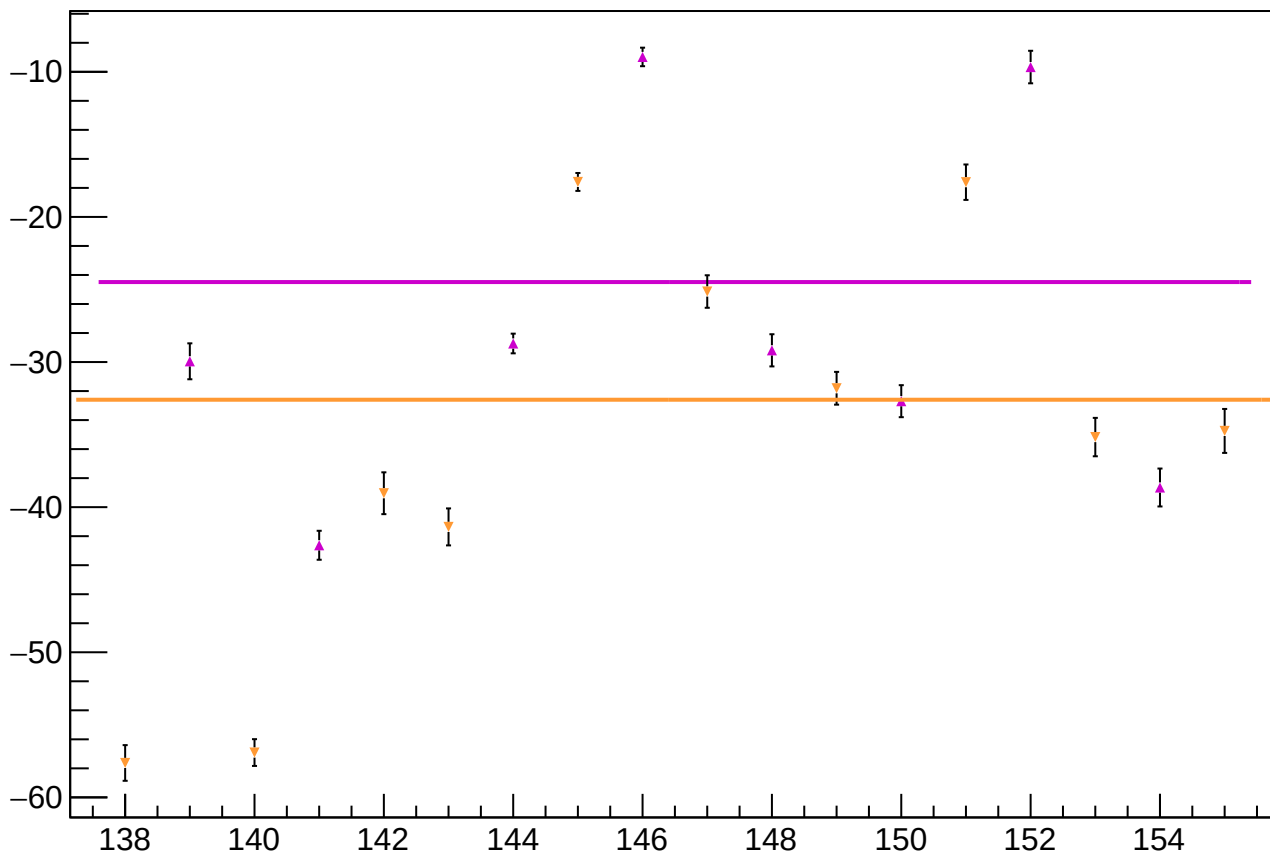
Left In: 1.642 ± 0.034 χ^2/NDF : 130.1/7

+ sign 1.262 ± 0.029 χ^2/NDF : 1112.1/26

All: 1.263 ± 0.021 χ^2/NDF : 2698.9/53

- sign 1.264 ± 0.030 χ^2/NDF : 1586.8/26

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.597+/-0.337 χ^2 /NDF:1969.0/9

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

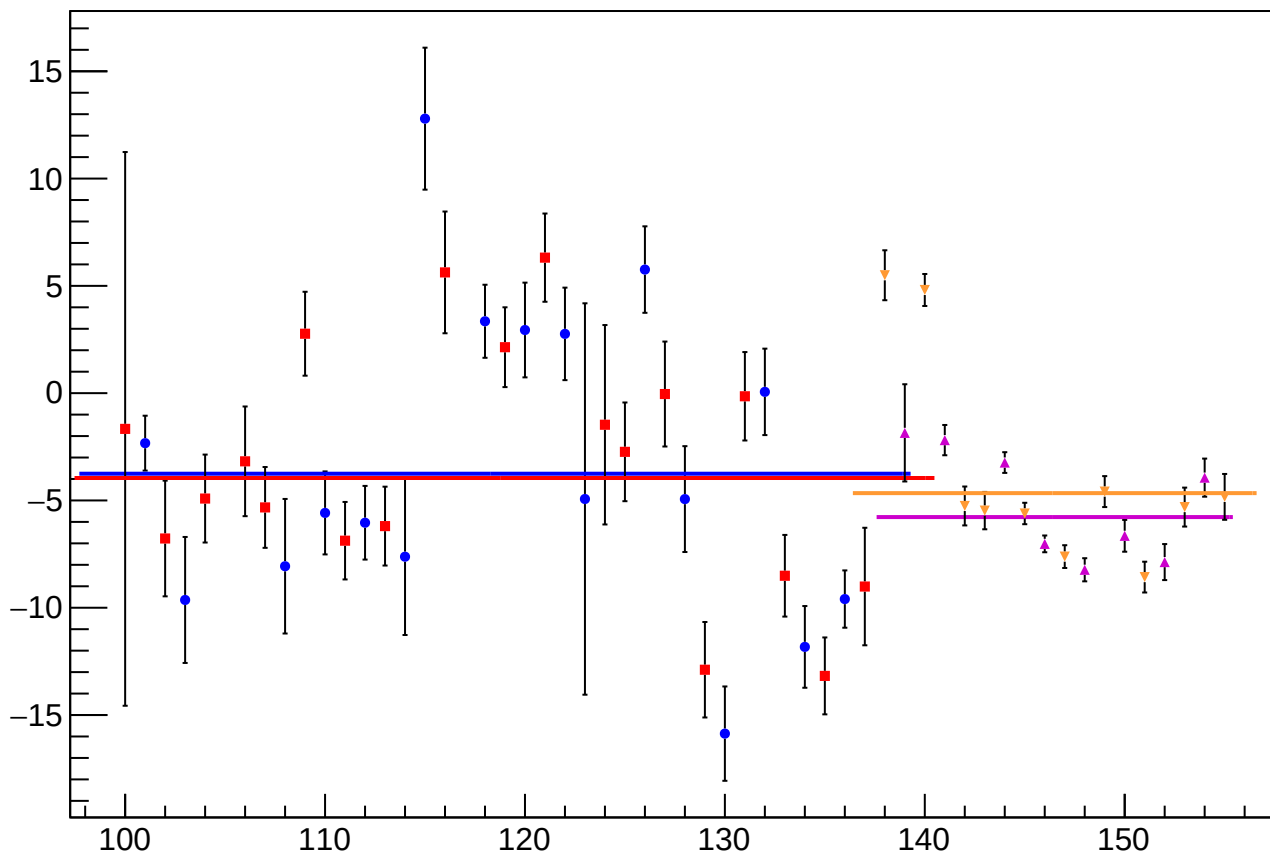
Left In: -24.488+/-0.328 χ^2 /NDF:1344.3/7

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -28.435+/-0.235 χ^2 /NDF: 3611.0/17

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.754 ± 0.495 χ^2/NDF : 165.3/16

Left Out: -4.659 ± 0.232 χ^2/NDF : 303.7/9

Right Out: -3.954 ± 0.507 χ^2/NDF : 123.3/18

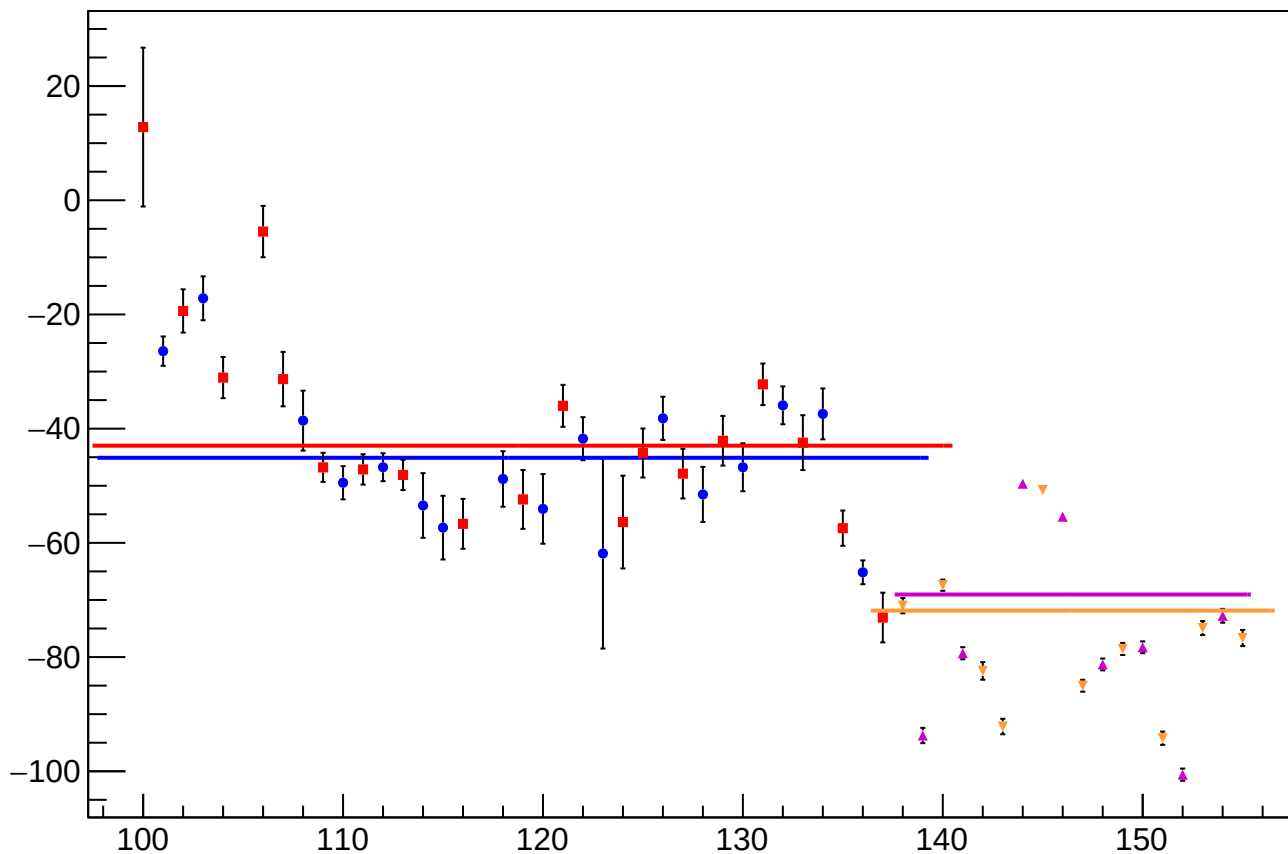
Left In: -5.775 ± 0.218 χ^2/NDF : 99.5/7

+ sign -4.496 ± 0.210 χ^2/NDF : 471.8/26

All: -5.016 ± 0.145 χ^2/NDF : 717.2/53

- sign -5.490 ± 0.200 χ^2/NDF : 233.7/26

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -71.862 ± 0.341 χ^2/NDF : 1909.8/9

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

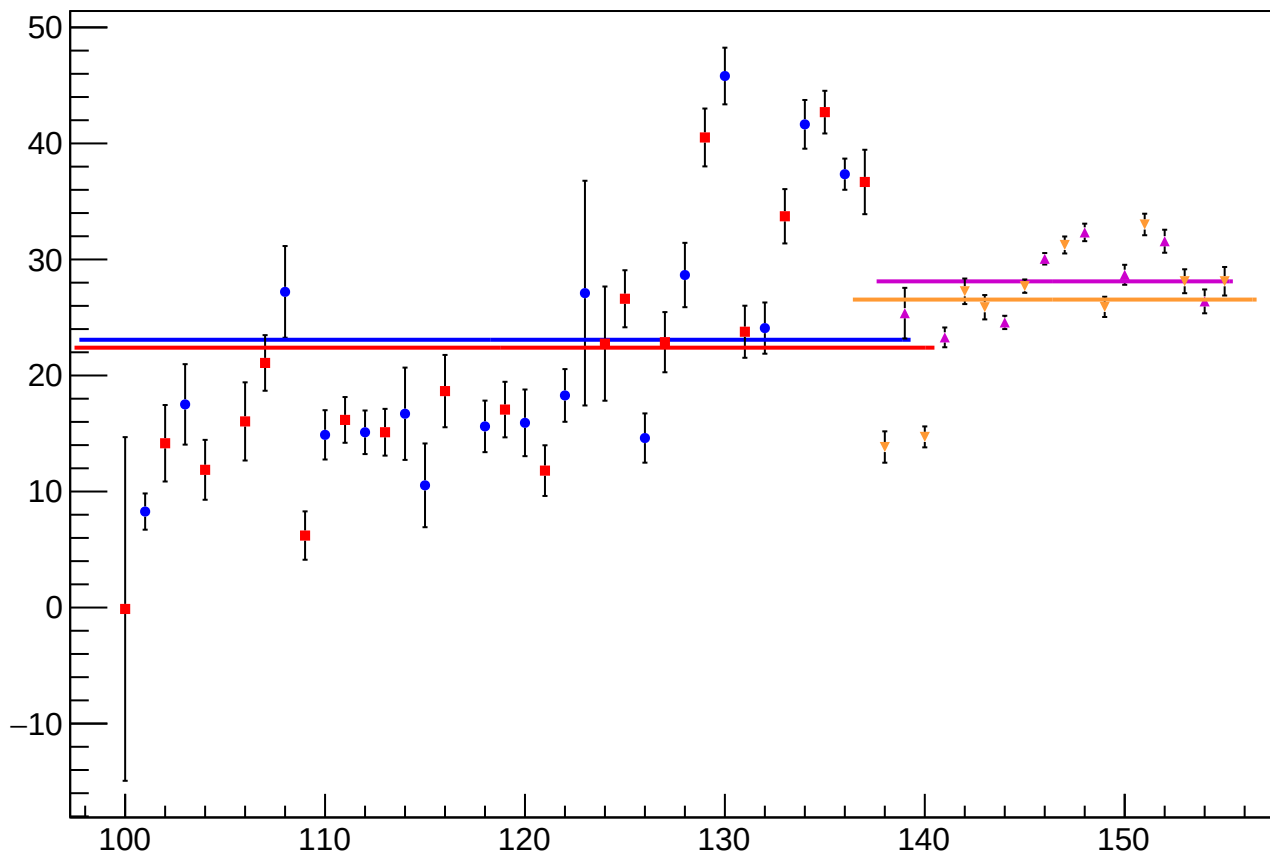
Left In: -69.043 ± 0.326 χ^2/NDF : 2734.9/7

+ sign -68.373 ± 0.318 χ^2/NDF : 2942.3/26

All: -67.077 ± 0.220 χ^2/NDF : 6733.5/53

- sign -65.882 ± 0.306 χ^2/NDF : 3759.2/26

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 26.543 $\pm$ 0.283 χ^2 /NDF: 359.6/9

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

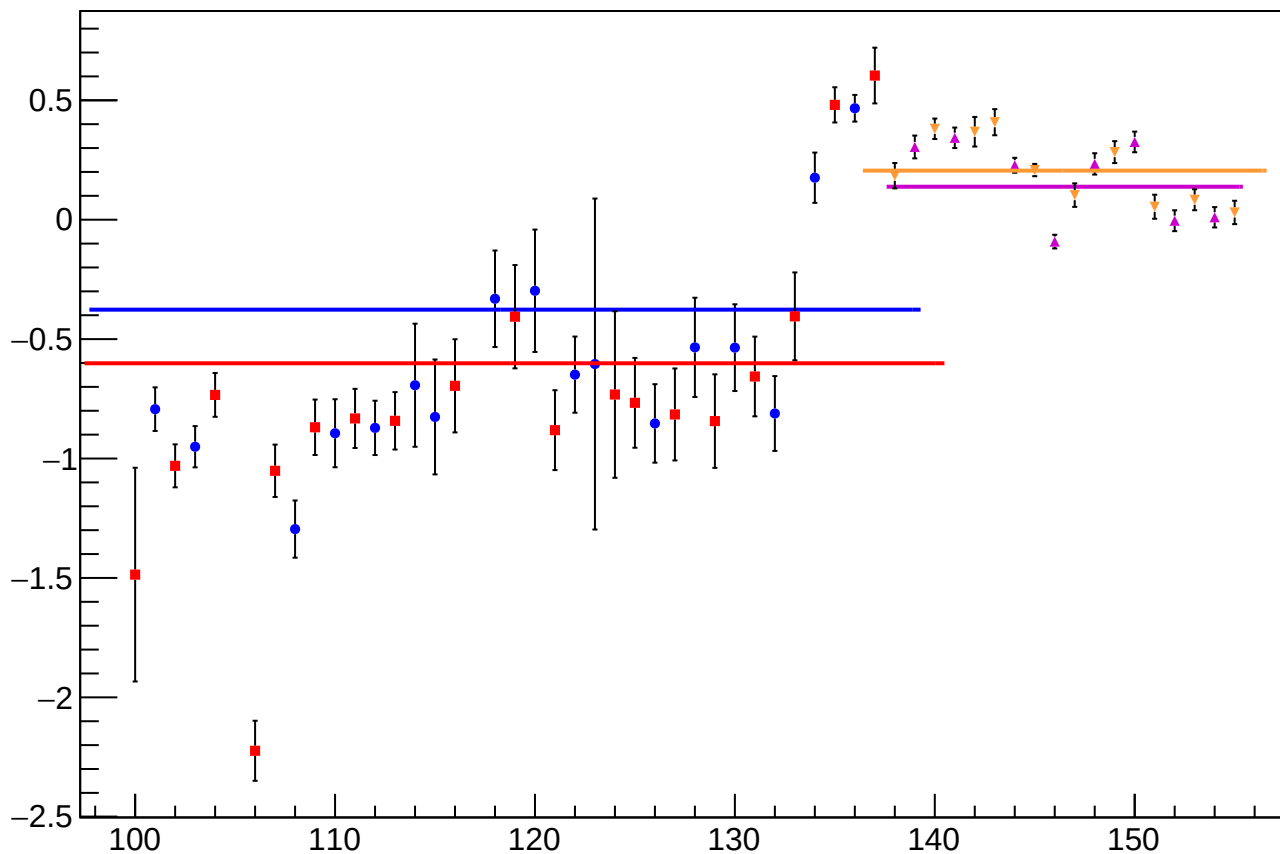
Left In: 28.112 $\pm$ 0.269 χ^2 /NDF: 134.0/7

+ sign 25.829 $\pm$ 0.252 χ^2 /NDF: 851.5/26

All: 26.474 $\pm$ 0.175 χ^2 /NDF: 1450.0/53

- sign 27.076 $\pm$ 0.244 χ^2 /NDF: 585.9/26

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.206 ± 0.014 χ^2/NDF : 74.3/9

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

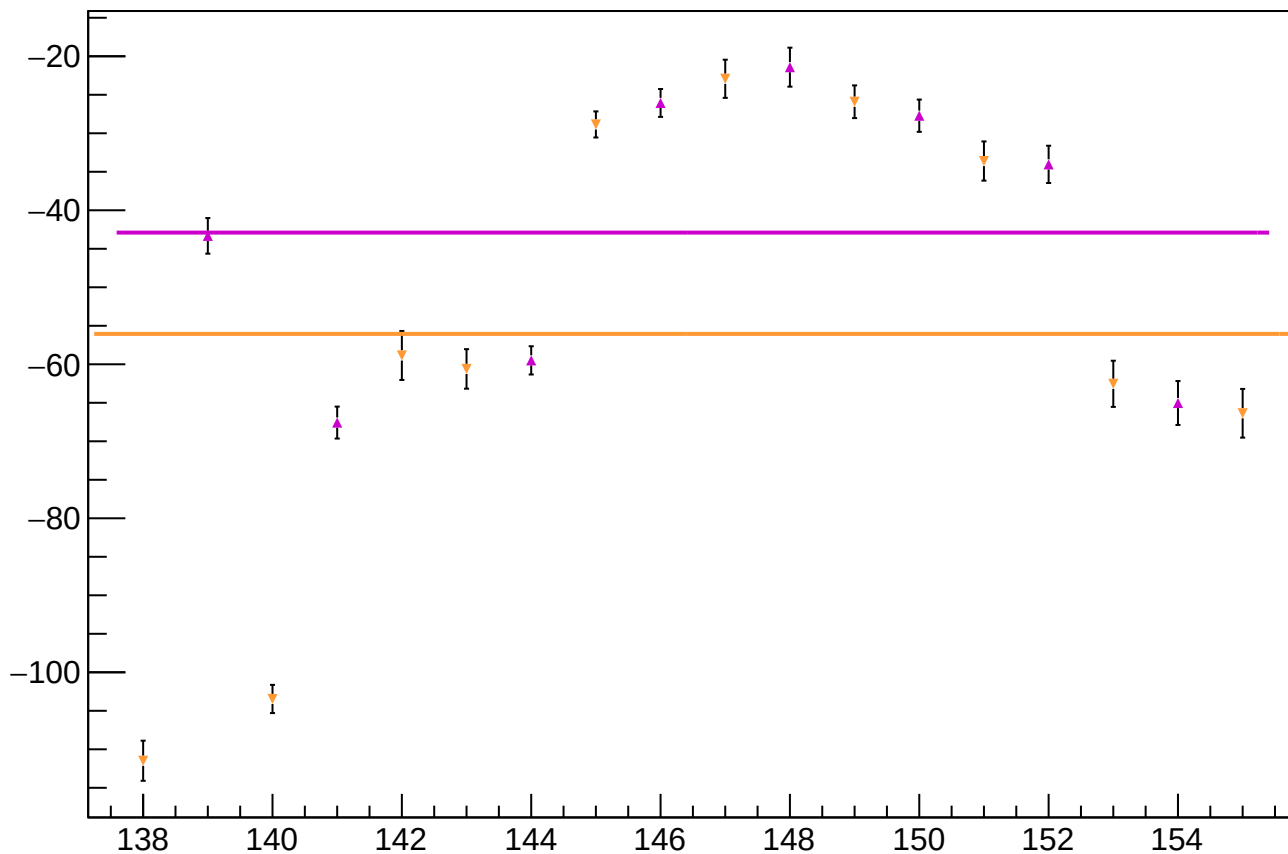
Left In: 0.138 ± 0.014 χ^2/NDF : 150.5/7

+ sign 0.104 ± 0.013 χ^2/NDF : 820.8/26

All: 0.057 ± 0.009 χ^2/NDF : 2051.6/53

- sign 0.012 ± 0.012 χ^2/NDF : 1203.9/26

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -56.053+/-0.747 χ^2/NDF : 1857.0/9

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

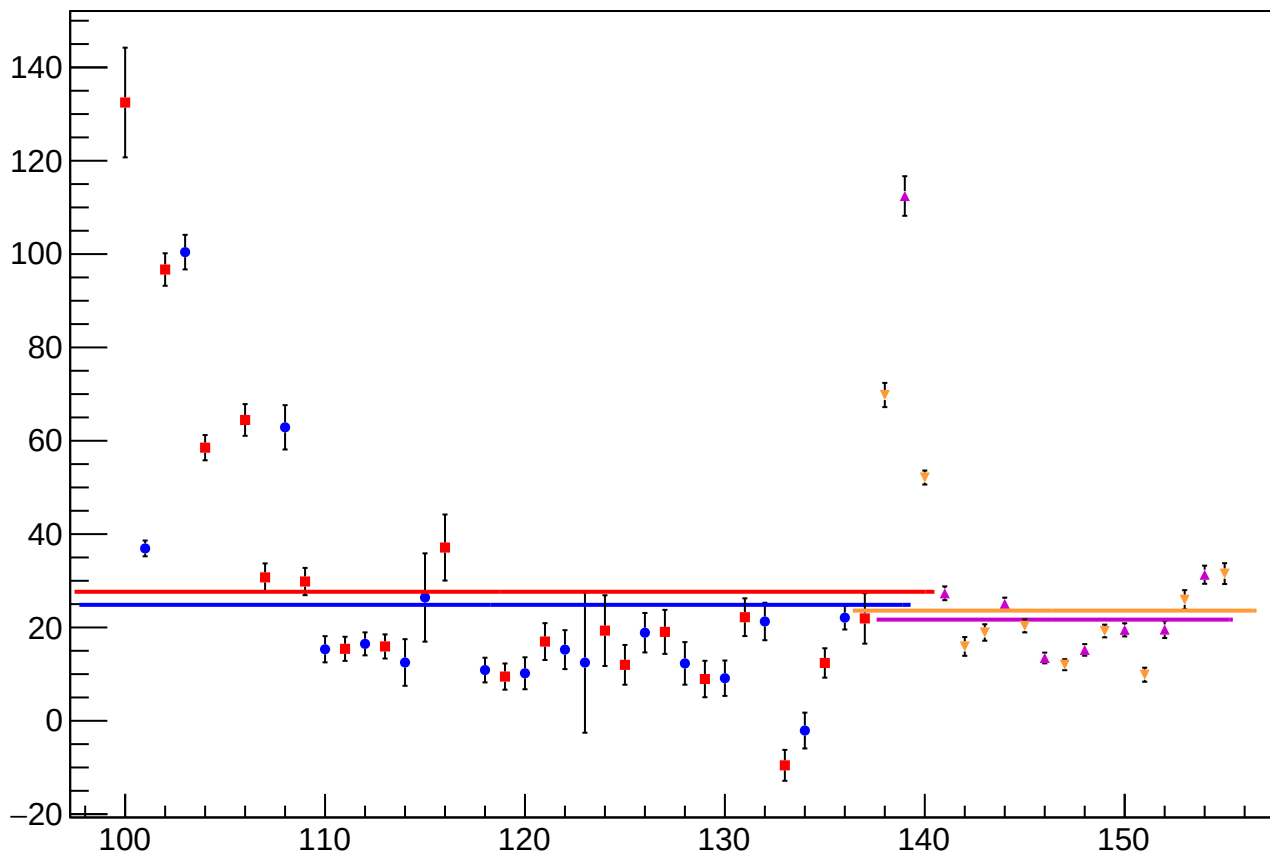
Left In: -42.899+/-0.767 χ^2/NDF : 507.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.653+/-0.535 χ^2/NDF : 2515.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 24.848 $\pm$ 0.801 χ^2 /NDF: 690.8/16

Left Out: 23.608 $\pm$ 0.513 χ^2 /NDF: 908.6/9

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

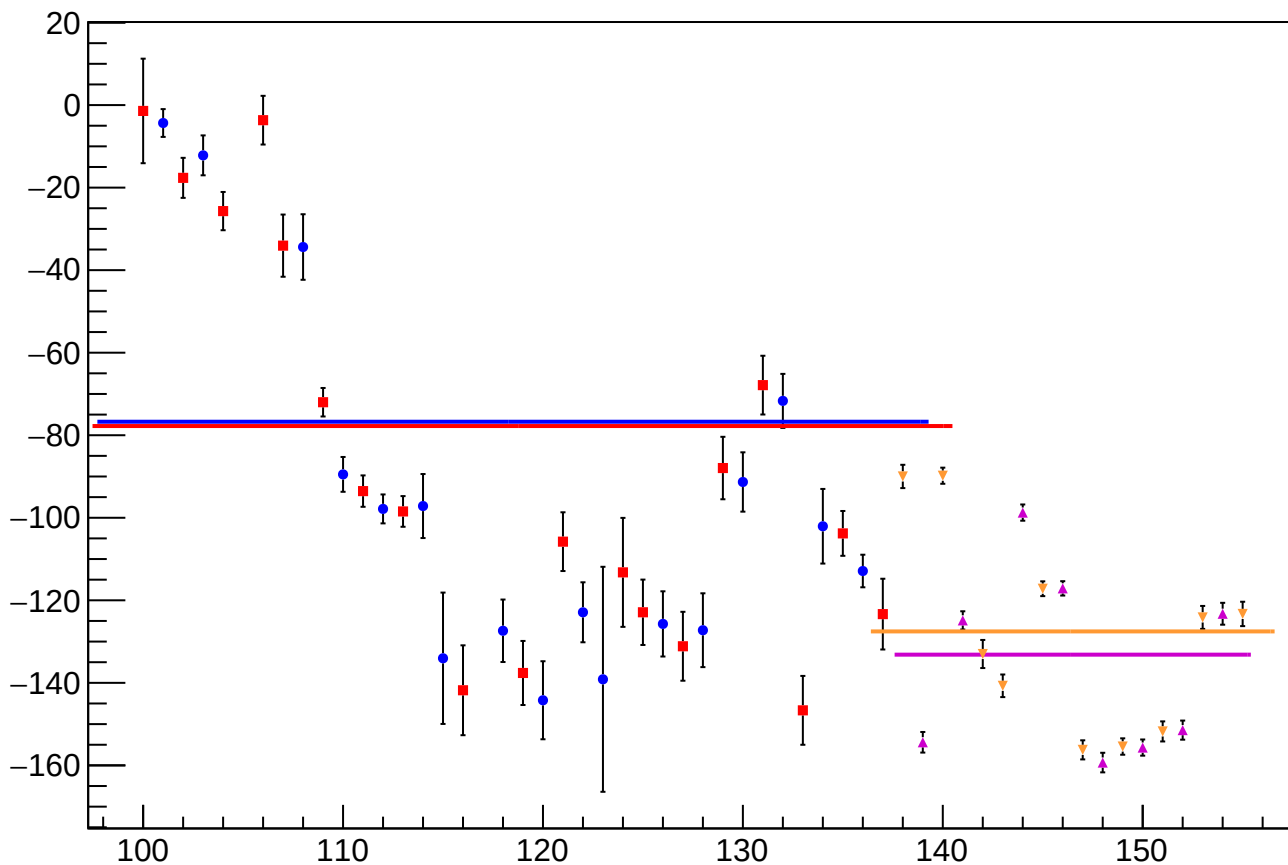
Left In: 21.680 $\pm$ 0.530 χ^2 /NDF: 585.5/7

+ sign 23.969 $\pm$ 0.432 χ^2 /NDF: 1601.1/26

All: 23.725 $\pm$ 0.310 χ^2 /NDF: 3234.4/53

- sign 23.467 $\pm$ 0.444 χ^2 /NDF: 1632.6/26

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 $\chi^2/\text{NDF}: 1042.0/16$

Left Out: -127.537 ± 0.751 $\chi^2/\text{NDF}: 1063.4/9$

Right Out: -77.773 ± 1.352 $\chi^2/\text{NDF}: 871.8/18$

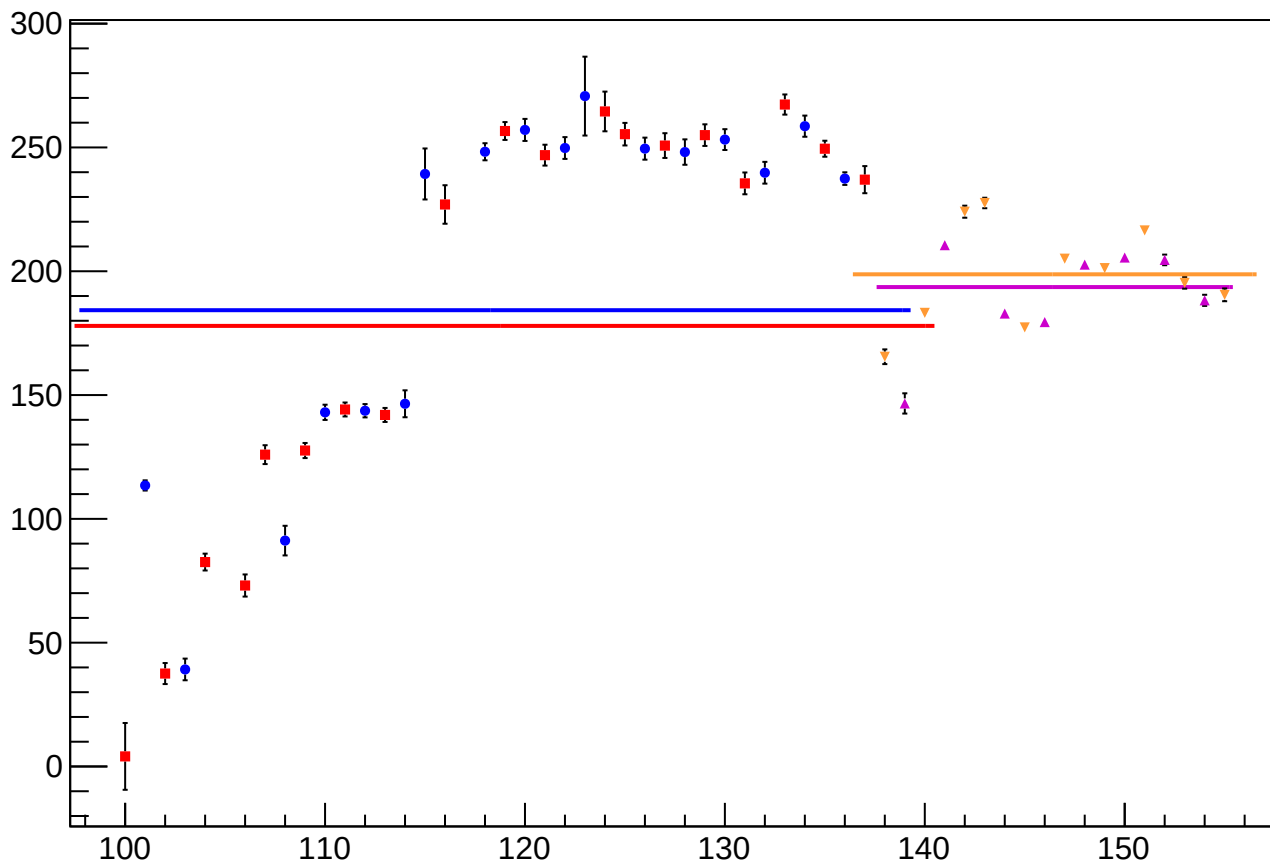
Left In: -133.170 ± 0.762 $\chi^2/\text{NDF}: 808.0/7$

+ sign -116.332 ± 0.663 $\chi^2/\text{NDF}: 3114.4/26$

All: -118.074 ± 0.469 $\chi^2/\text{NDF}: 6081.7/53$

- sign -119.819 ± 0.664 $\chi^2/\text{NDF}: 2953.6/26$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 198.765 $\pm$ 0.627 χ^2 /NDF: 784.0/9

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

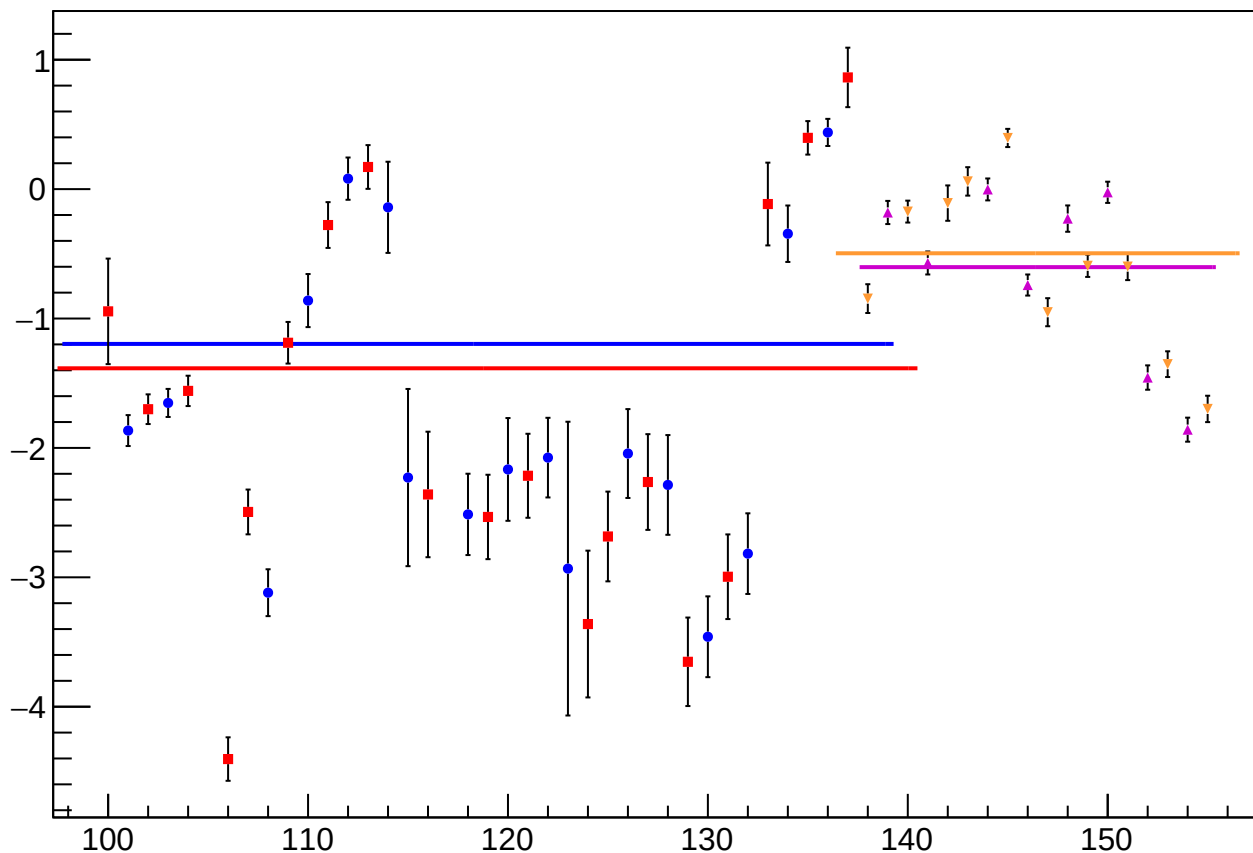
Left In: 193.611 $\pm$ 0.646 χ^2 /NDF: 479.7/7

+ sign 194.127 $\pm$ 0.517 χ^2 /NDF: 6356.1/26

All: 191.364 $\pm$ 0.370 χ^2 /NDF: 13418.9/53

- sign 188.467 $\pm$ 0.529 χ^2 /NDF: 7004.2/26

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.496 ± 0.031 χ^2/NDF : 451.9/9

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

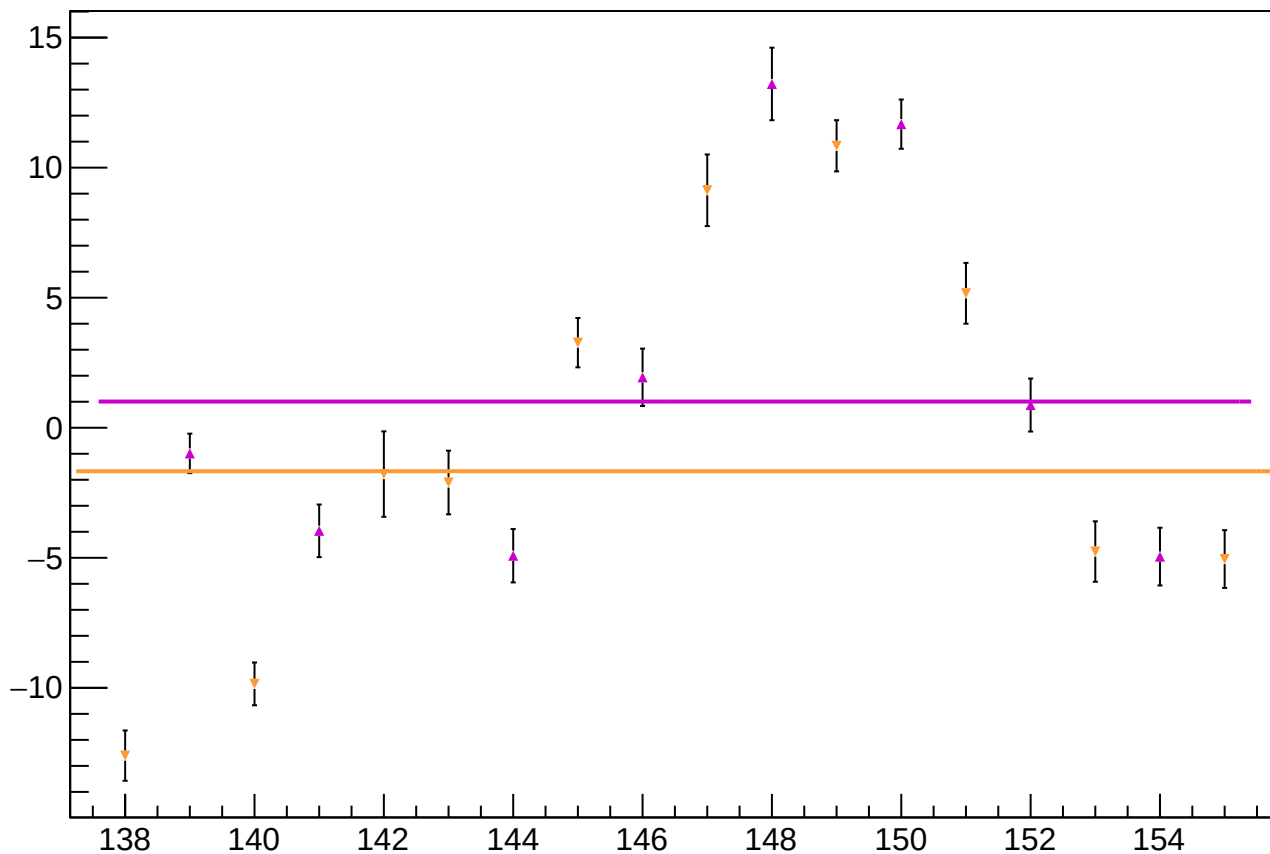
Left In: -0.603 ± 0.031 χ^2/NDF : 403.9/7

+ sign -0.698 ± 0.026 χ^2/NDF : 1226.0/26

All: -0.775 ± 0.018 χ^2/NDF : 2770.7/53

- sign -0.853 ± 0.026 χ^2/NDF : 1526.7/26

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -1.671 $\pm$ 0.342 χ^2 /NDF: 527.3/9

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

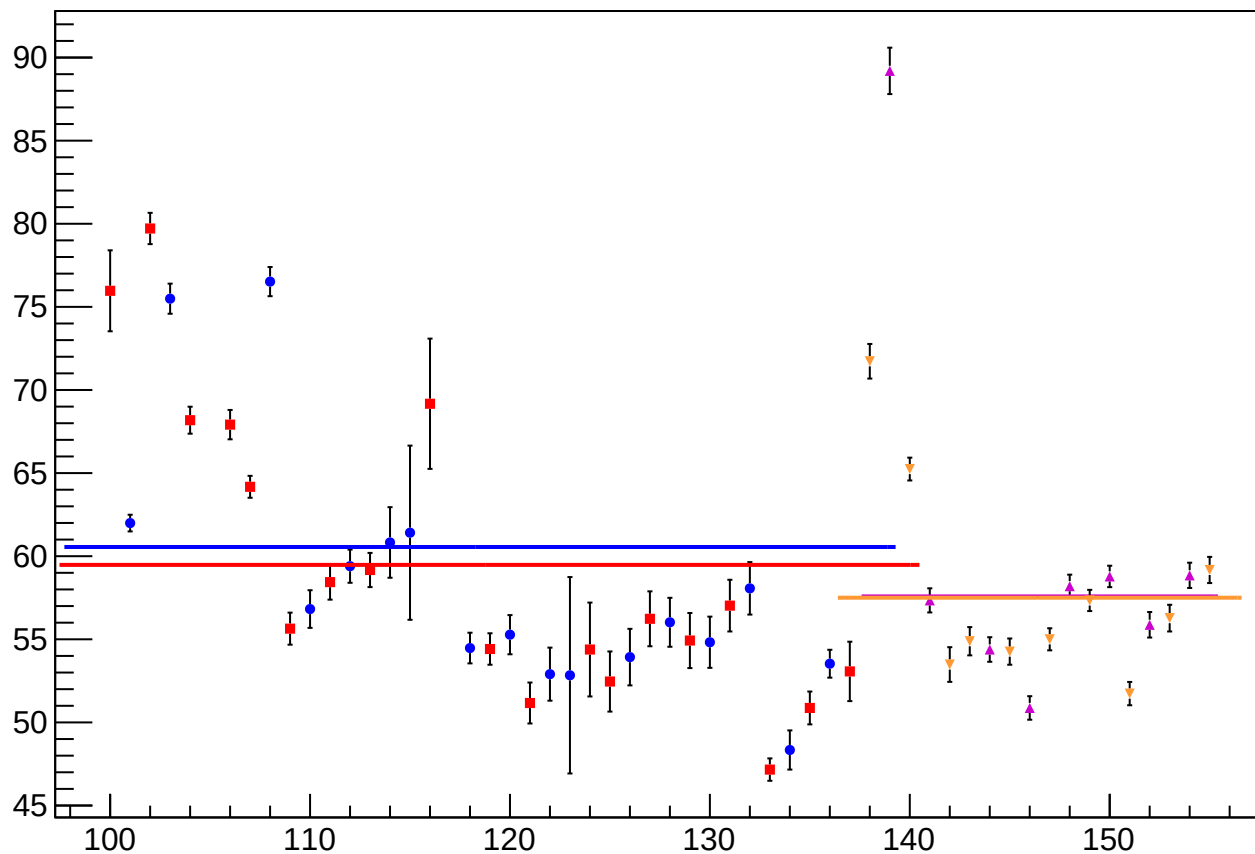
Left In: 1.008 $\pm$ 0.356 χ^2 /NDF: 297.5/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.384 $\pm$ 0.247 χ^2 /NDF: 854.2/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 $\pm$ 0.262 χ^2 /NDF: 930.8/16

Left Out: 57.503 $\pm$ 0.243 χ^2 /NDF: 443.7/9

Right Out: 59.477 $\pm$ 0.248 χ^2 /NDF: 1317.0/18

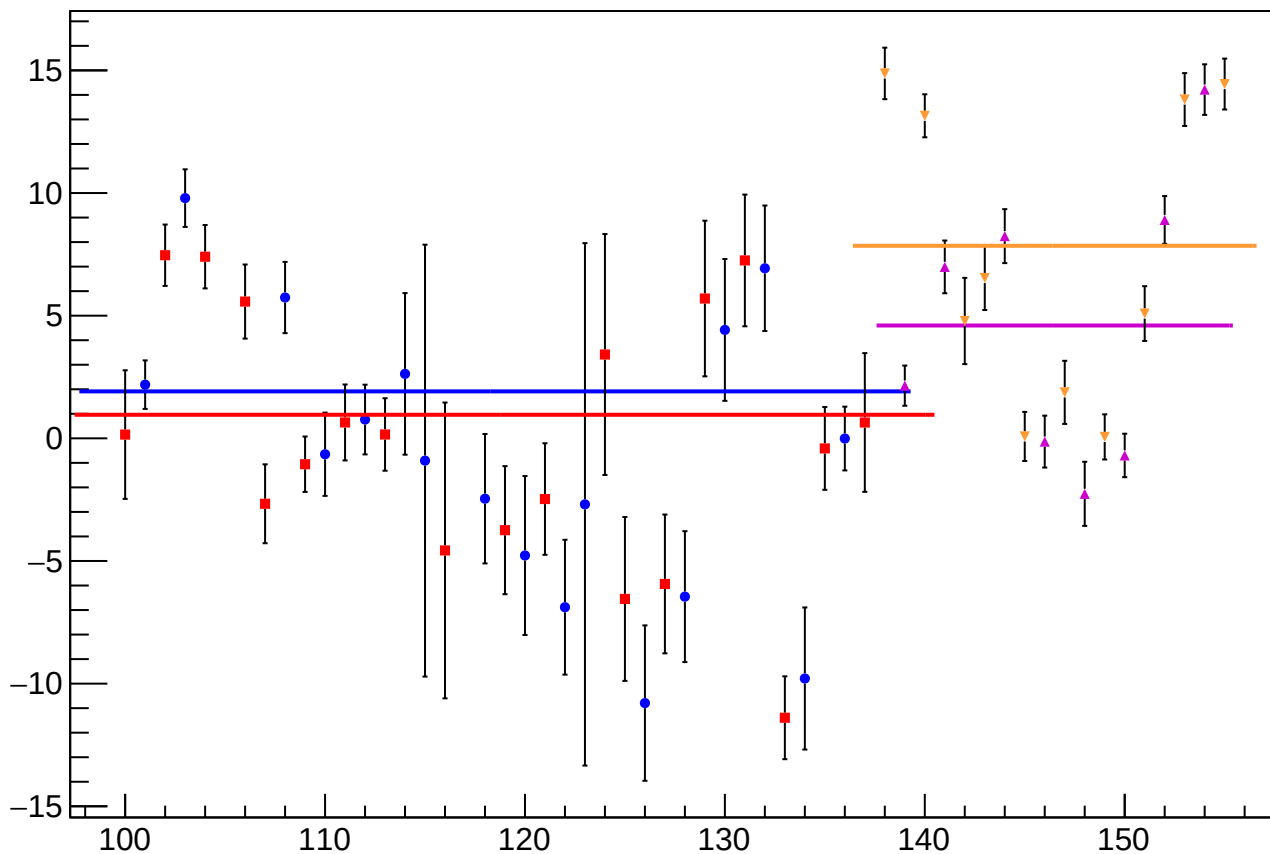
Left In: 57.581 $\pm$ 0.266 χ^2 /NDF: 633.6/7

+ sign 58.919 $\pm$ 0.178 χ^2 /NDF: 1447.4/26

All: 58.760 $\pm$ 0.127 χ^2 /NDF: 3426.8/53

- sign 58.595 $\pm$ 0.181 χ^2 /NDF: 1977.8/26

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 7.849 ± 0.343 χ^2/NDF : 315.9/9

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

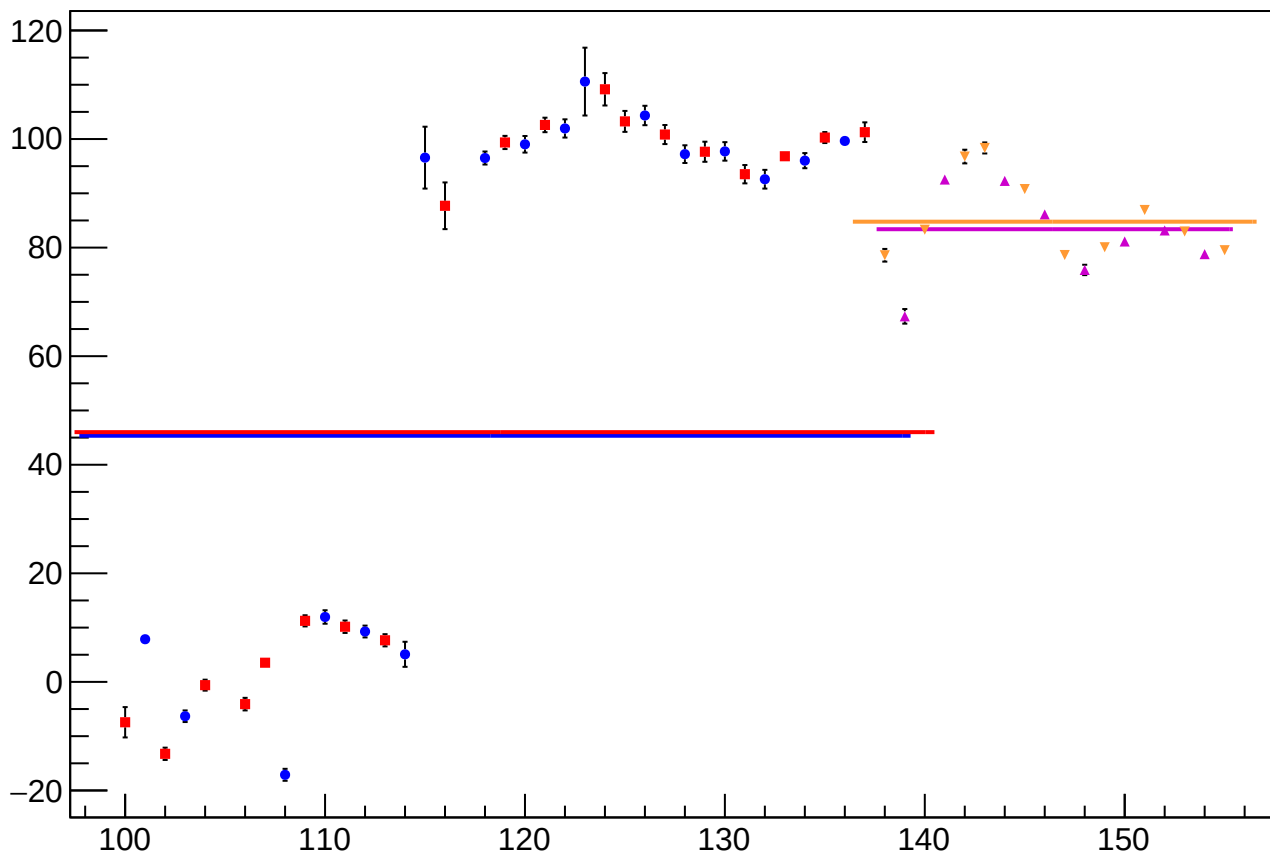
Left In: 4.600 ± 0.355 χ^2/NDF : 214.6/7

+ sign 5.714 ± 0.275 χ^2/NDF : 545.1/26

All: 4.396 ± 0.193 χ^2/NDF : 998.2/53

- sign 3.100 ± 0.272 χ^2/NDF : 407.4/26

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 84.775 $\pm$ 0.293 χ^2 /NDF: 471.7/9

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

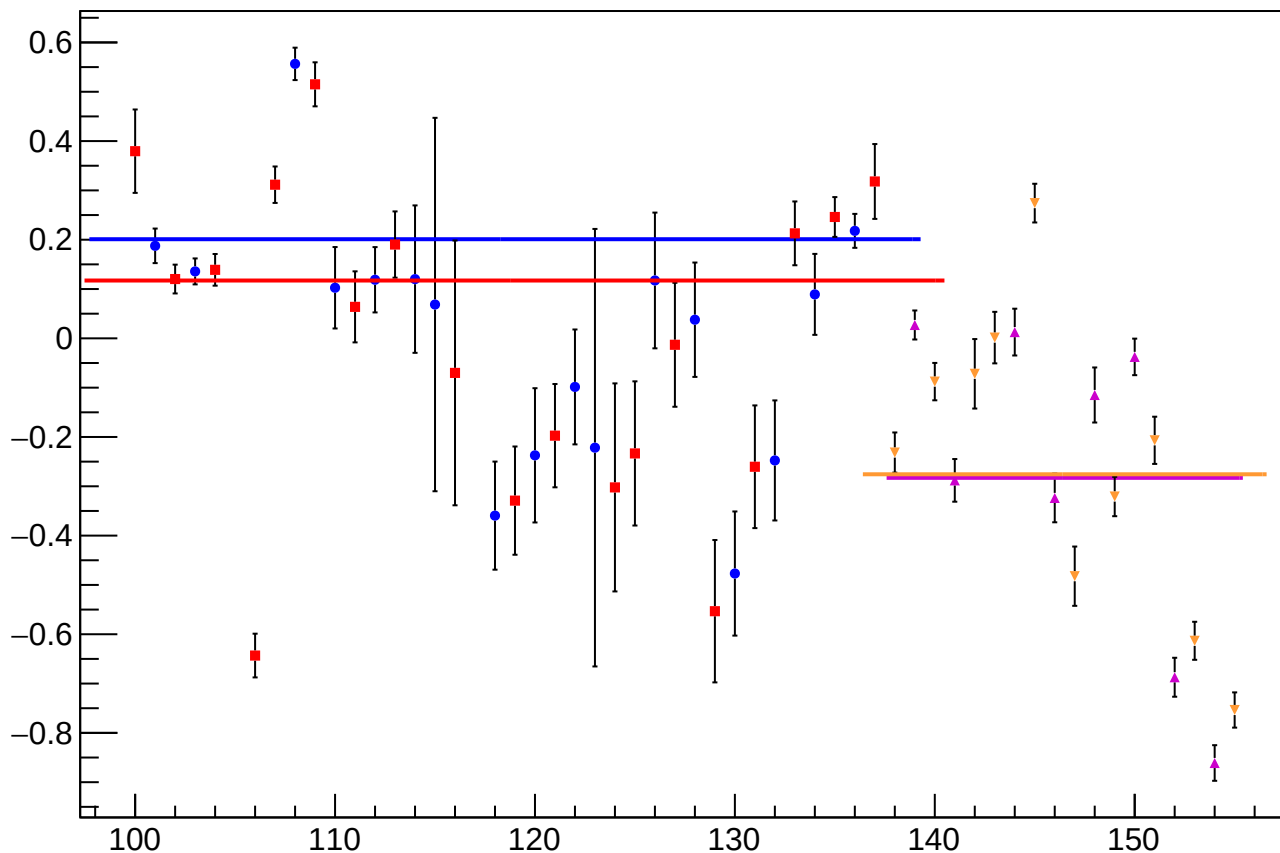
Left In: 83.387 $\pm$ 0.318 χ^2 /NDF: 464.7/7

+ sign 65.715 $\pm$ 0.211 χ^2 /NDF: 34278.4/26

All: 64.361 $\pm$ 0.150 χ^2 /NDF: 70612.1/53

- sign 62.965 $\pm$ 0.214 χ^2 /NDF: 36249.9/26

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.276 ± 0.014 χ^2/NDF : 529.4/9

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

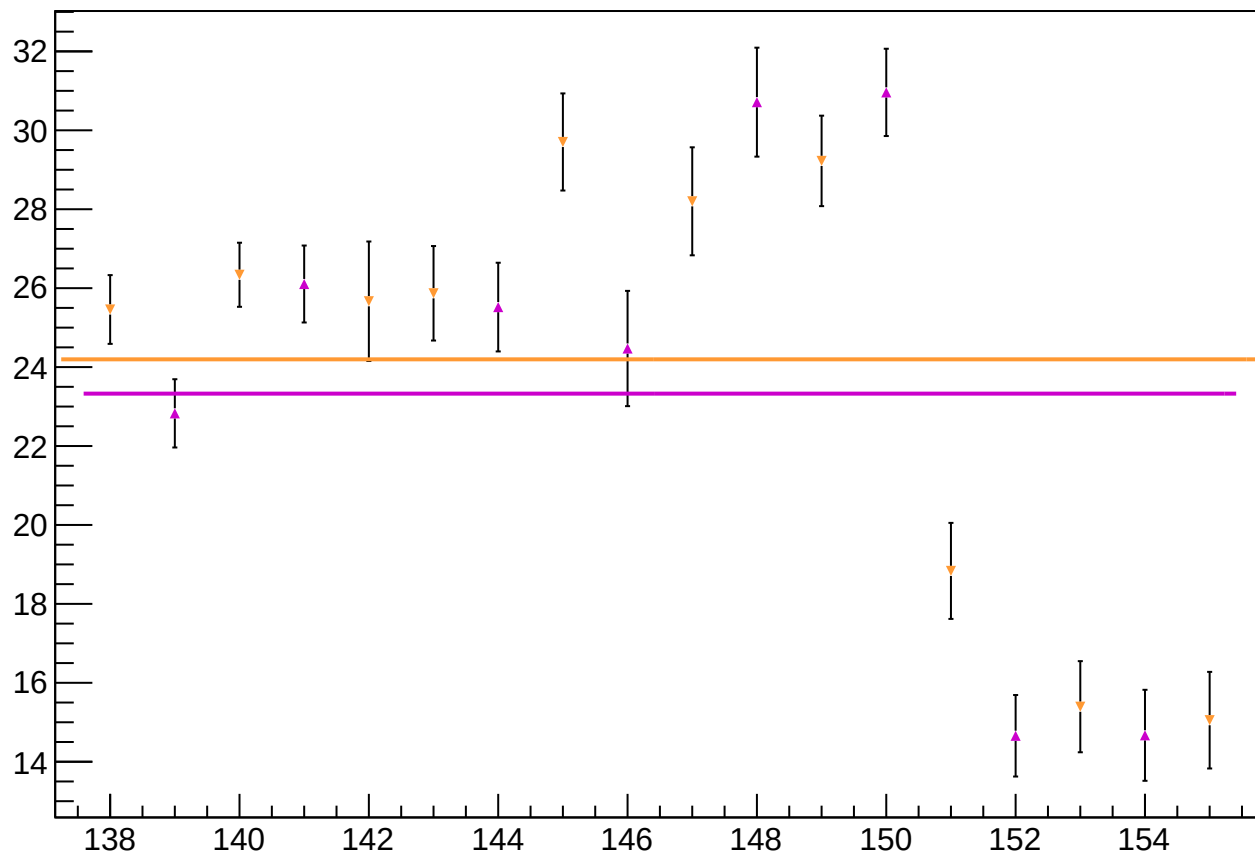
Left In: -0.283 ± 0.014 χ^2/NDF : 564.5/7

+ sign -0.043 ± 0.010 χ^2/NDF : 1337.1/26

All: -0.055 ± 0.007 χ^2/NDF : 2838.1/53

- sign -0.066 ± 0.010 χ^2/NDF : 1498.1/26

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 24.197+/-0.353 χ^2/NDF :193.1/9

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

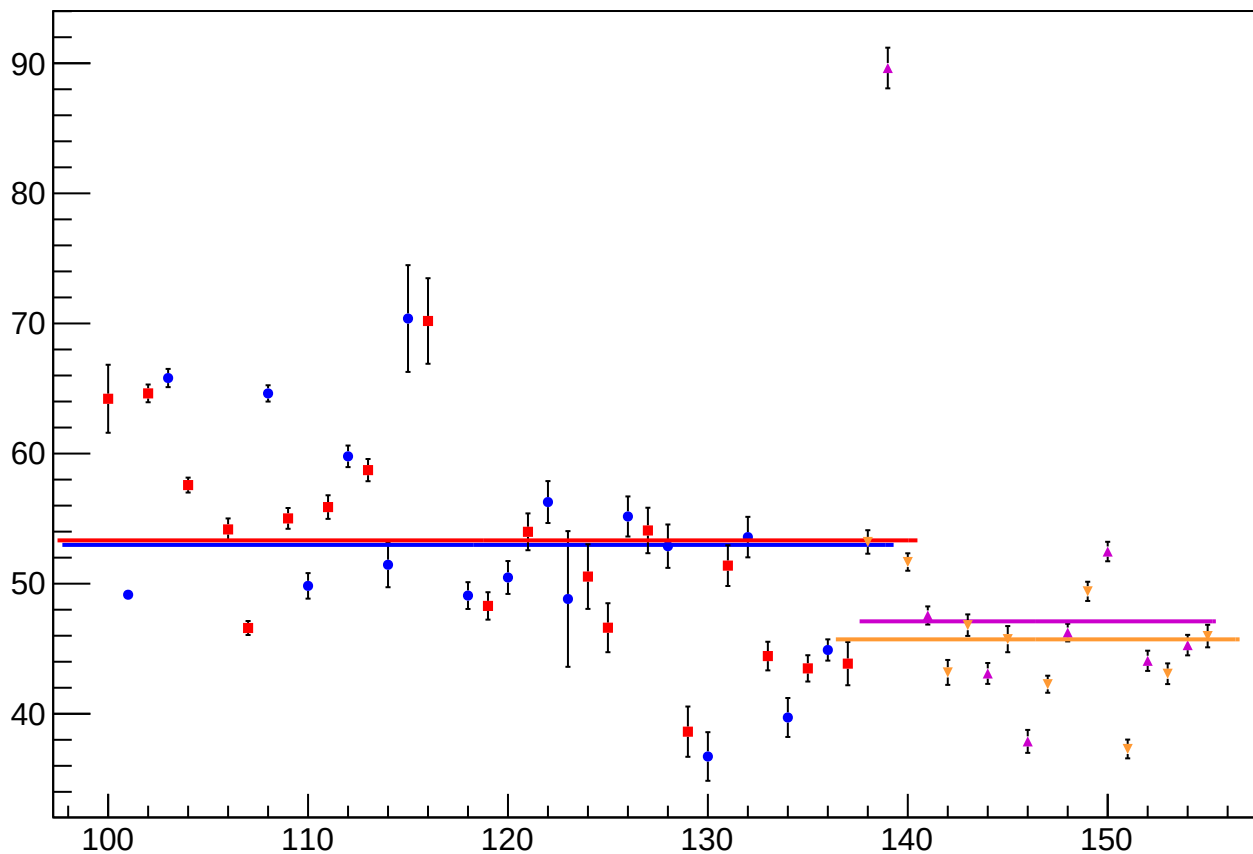
Left In: 23.327+/-0.387 χ^2/NDF :216.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.802+/-0.261 χ^2/NDF : 411.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.981 $\pm$ 0.210 χ^2 /NDF: 1197.8/16

Left Out: 45.720 $\pm$ 0.250 χ^2 /NDF: 356.2/9

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

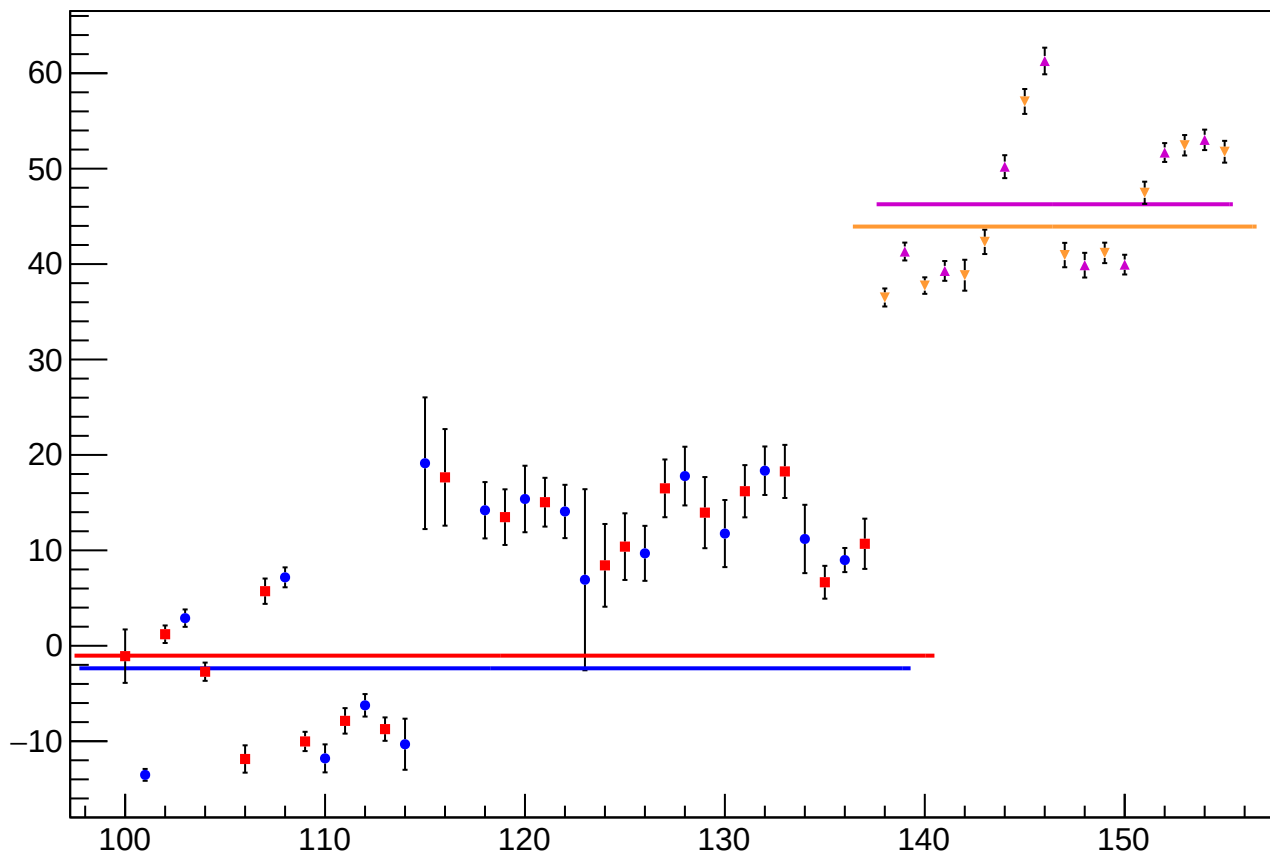
Left In: 47.104 $\pm$ 0.283 χ^2 /NDF: 948.5/7

+ sign 49.976 $\pm$ 0.161 χ^2 /NDF: 2048.0/26

All: 50.390 $\pm$ 0.119 χ^2 /NDF: 4179.0/53

- sign 50.891 $\pm$ 0.177 χ^2 /NDF: 2116.4/26

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 43.931 ± 0.356 χ^2/NDF : 357.1/9

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

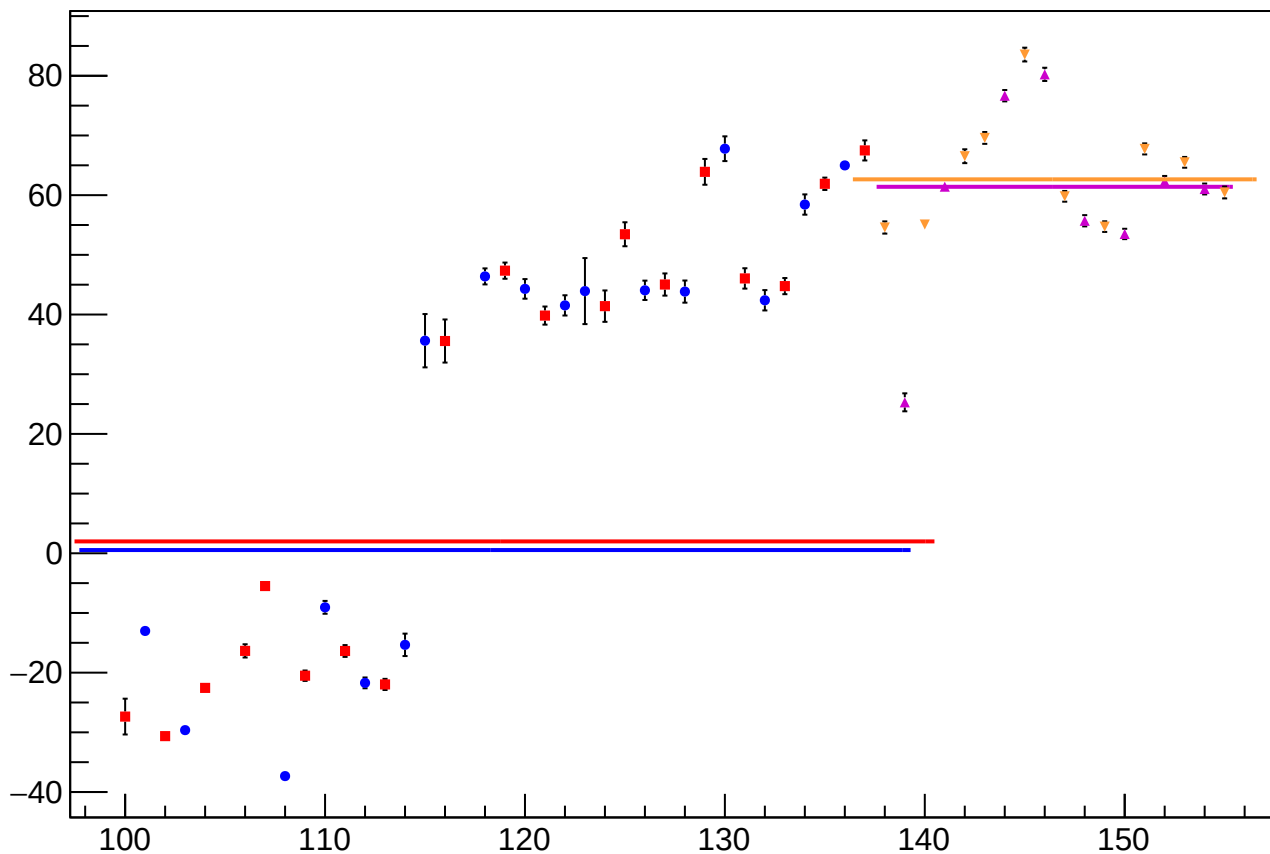
Left In: 46.268 ± 0.386 χ^2/NDF : 331.4/7

+ sign 21.294 ± 0.254 χ^2/NDF : 9471.0/26

All: 21.645 ± 0.185 χ^2/NDF : 17997.4/53

- sign 22.039 ± 0.270 χ^2/NDF : 8522.3/26

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 62.650 ± 0.303 χ^2/NDF : 671.4/9

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

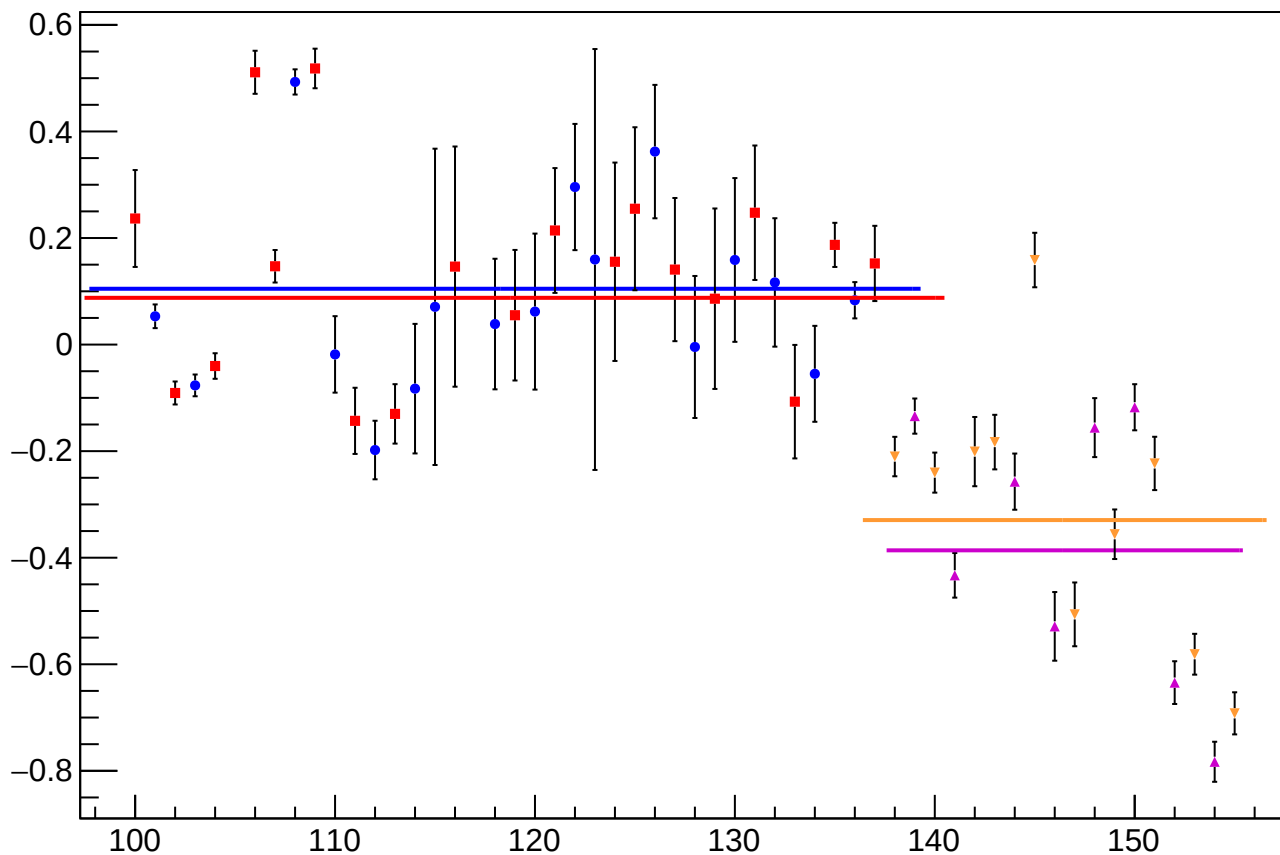
Left In: 61.400 ± 0.340 χ^2/NDF : 1241.8/7

+ sign 25.304 ± 0.191 χ^2/NDF : 44364.4/26

All: 24.973 ± 0.141 χ^2/NDF : 79979.8/53

- sign 24.575 ± 0.210 χ^2/NDF : 35608.8/26

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.329 ± 0.014 χ^2/NDF : 260.2/9

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

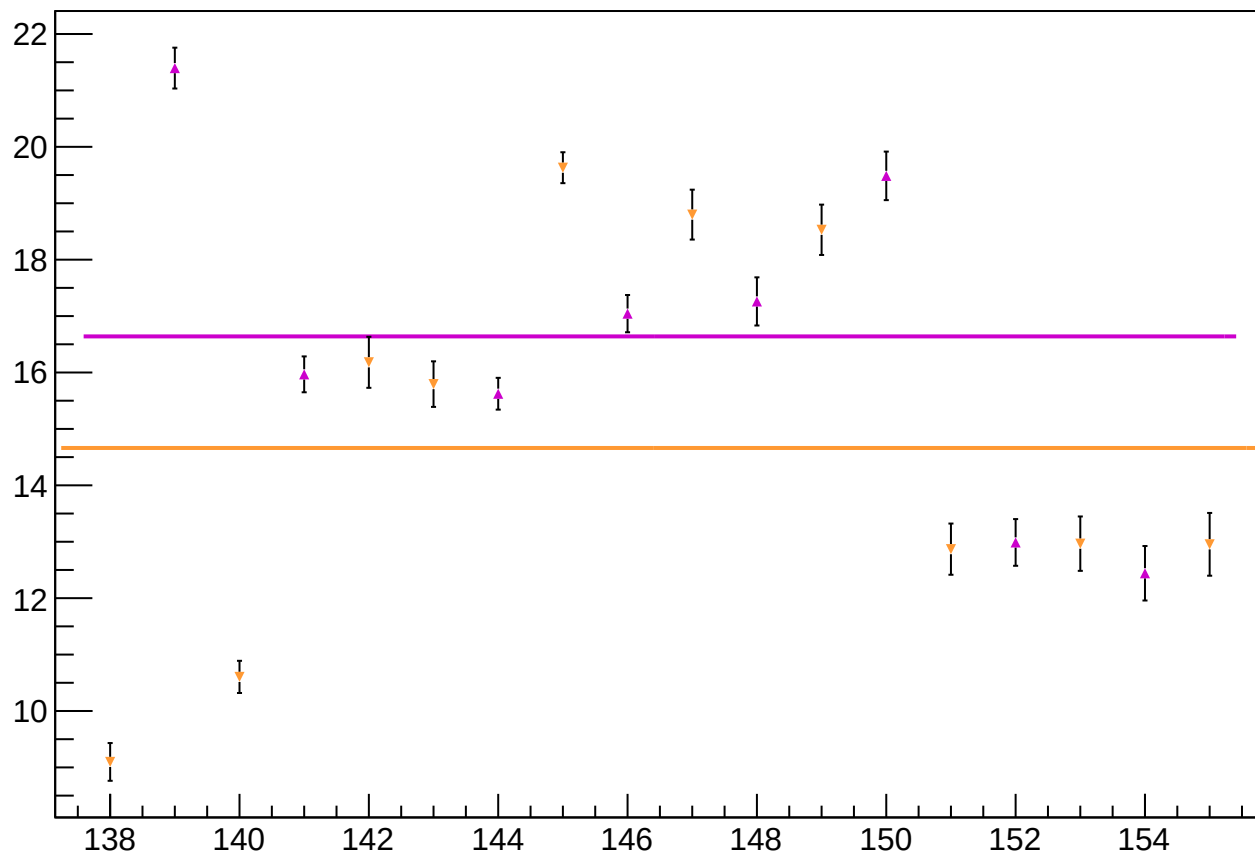
Left In: -0.386 ± 0.015 χ^2/NDF : 276.0/7

+ sign -0.057 ± 0.009 χ^2/NDF : 1239.6/26

All: -0.066 ± 0.006 χ^2/NDF : 2541.4/53

- sign -0.074 ± 0.009 χ^2/NDF : 1300.0/26

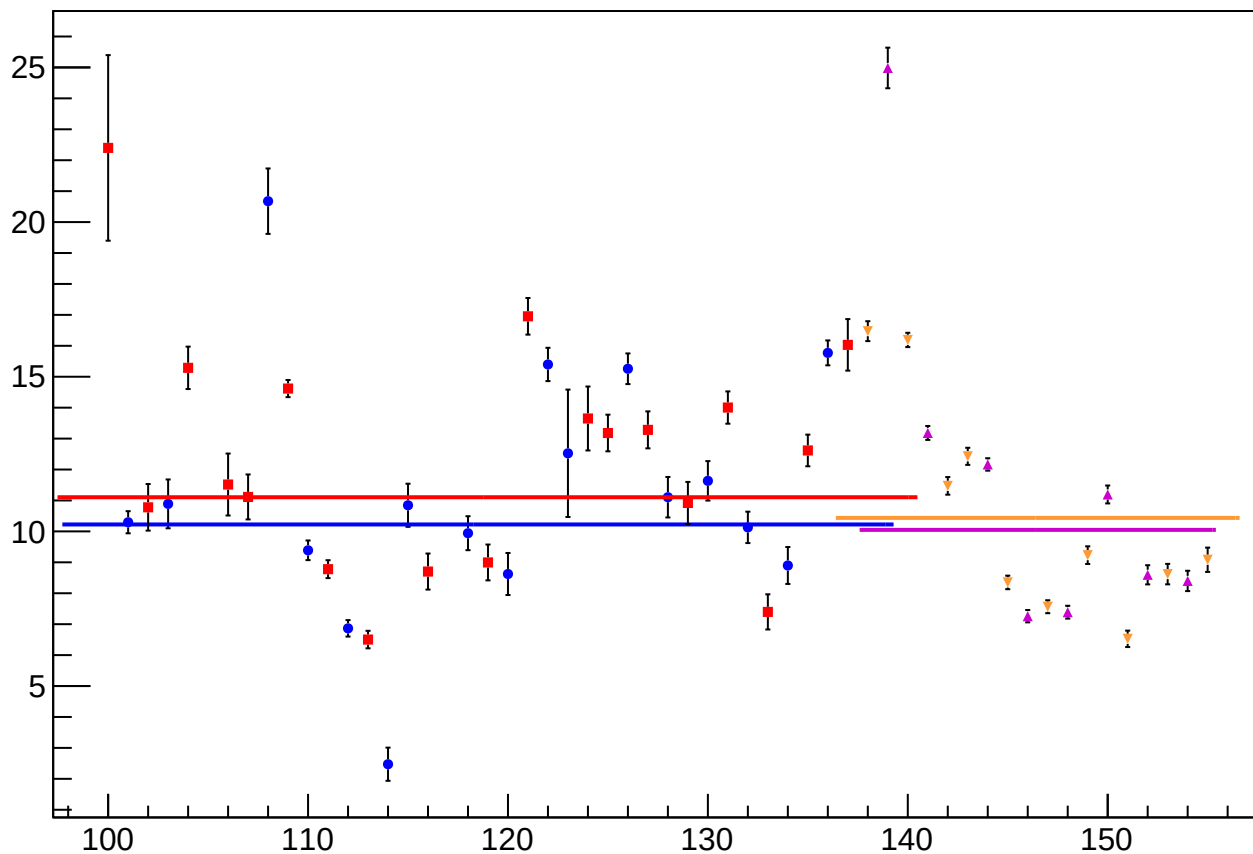
reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.662+/-0.121 χ^2/NDF : 1026.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 16.640+/-0.129 χ^2/NDF : 390.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 15.591+/-0.088 χ^2/NDF : 1542.4/17
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.224 ± 0.119 χ^2/NDF : 877.6/16

Left Out: 10.437 ± 0.085 χ^2/NDF : 1590.4/9

Right Out: 11.104 ± 0.116 χ^2/NDF : 817.2/18

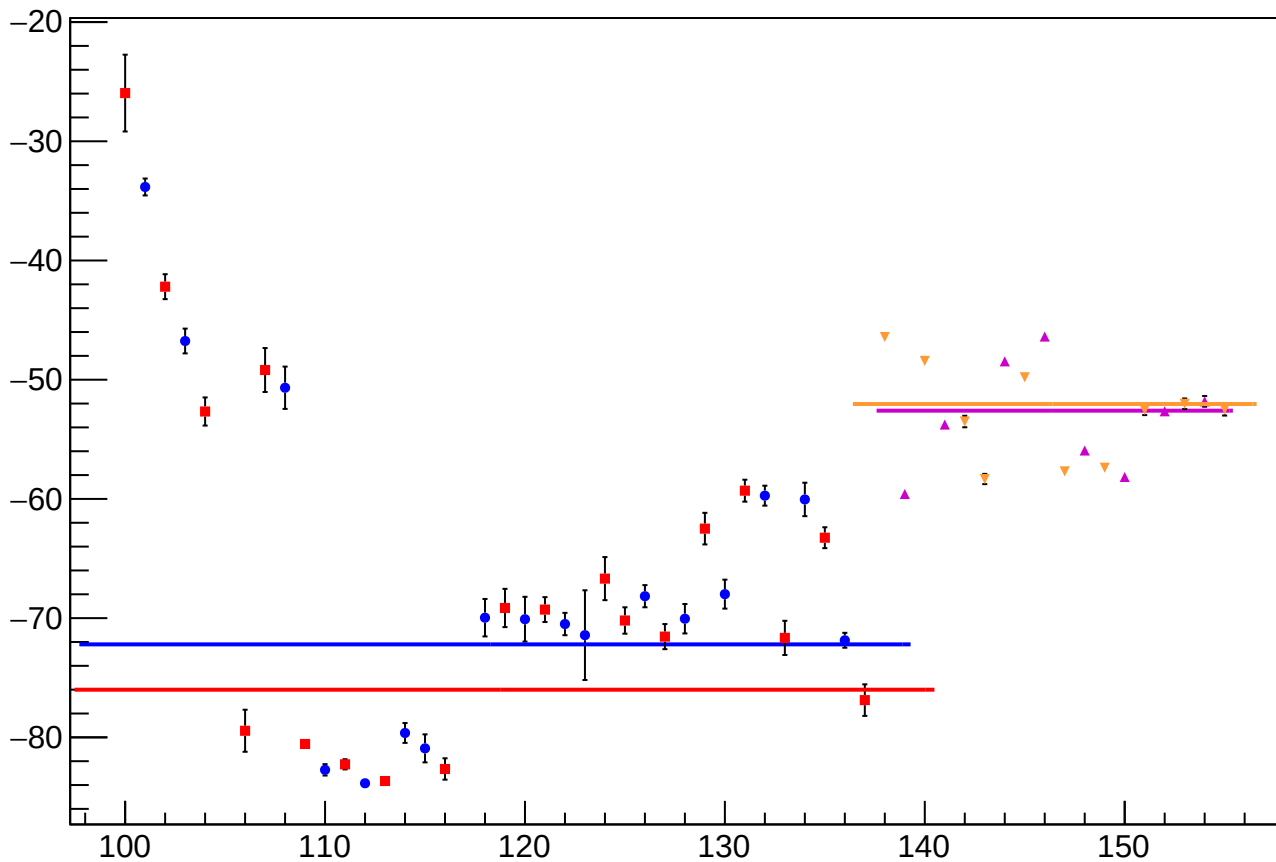
Left In: 10.049 ± 0.089 χ^2/NDF : 1246.8/7

+ sign 10.365 ± 0.069 χ^2/NDF : 2470.1/26

All: 10.400 ± 0.049 χ^2/NDF : 4586.6/53

- sign 10.437 ± 0.071 χ^2/NDF : 2116.0/26

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -52.039 ± 0.124 χ^2/NDF : 1016.3/9

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

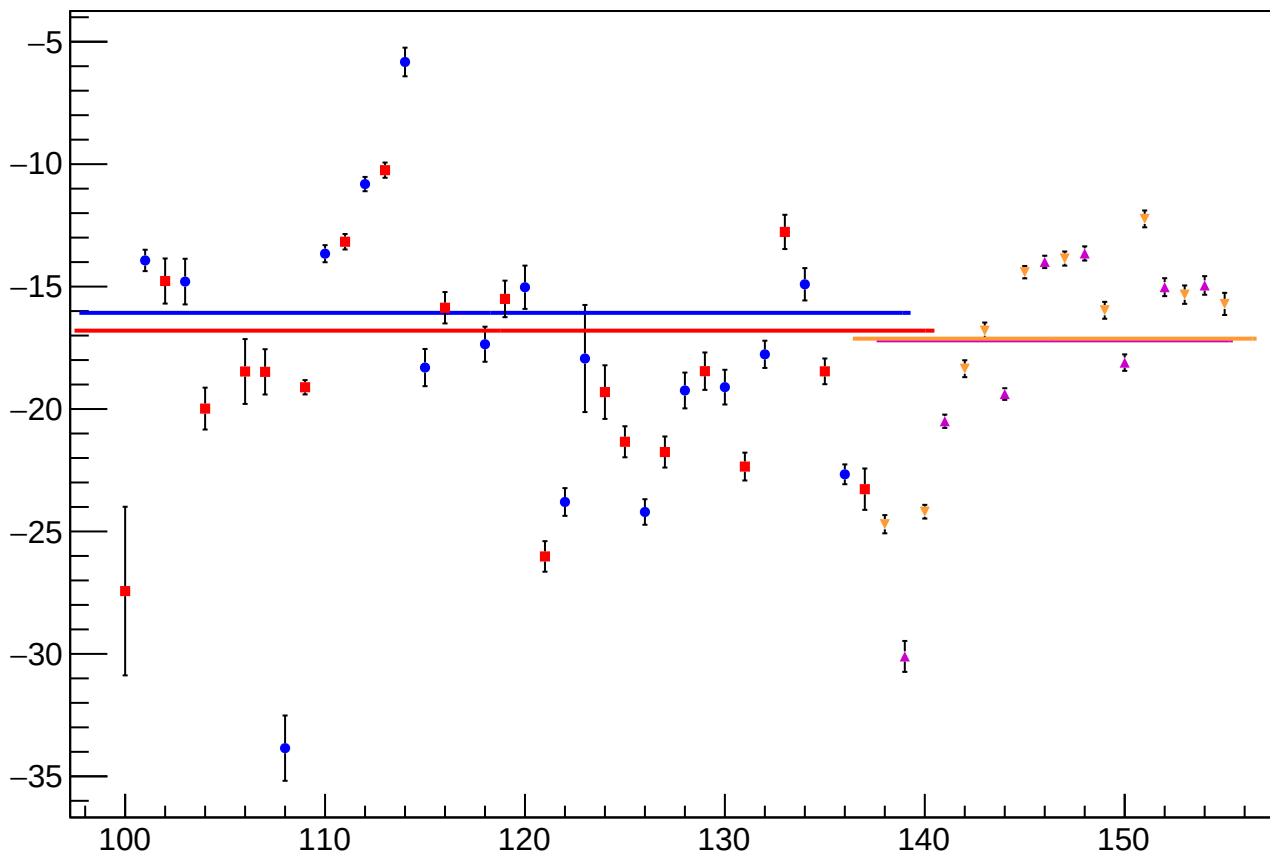
Left In: -52.596 ± 0.129 χ^2/NDF : 1167.6/7

+ sign -57.709 ± 0.105 χ^2/NDF : 14059.3/26

All: -59.098 ± 0.074 χ^2/NDF : 30132.4/53

- sign -60.494 ± 0.105 χ^2/NDF : 15721.2/26

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 χ^2/NDF : 1640.9/16

Left Out: -17.126 ± 0.103 χ^2/NDF : 1553.8/9

Right Out: -16.799 ± 0.128 χ^2/NDF : 1215.8/18

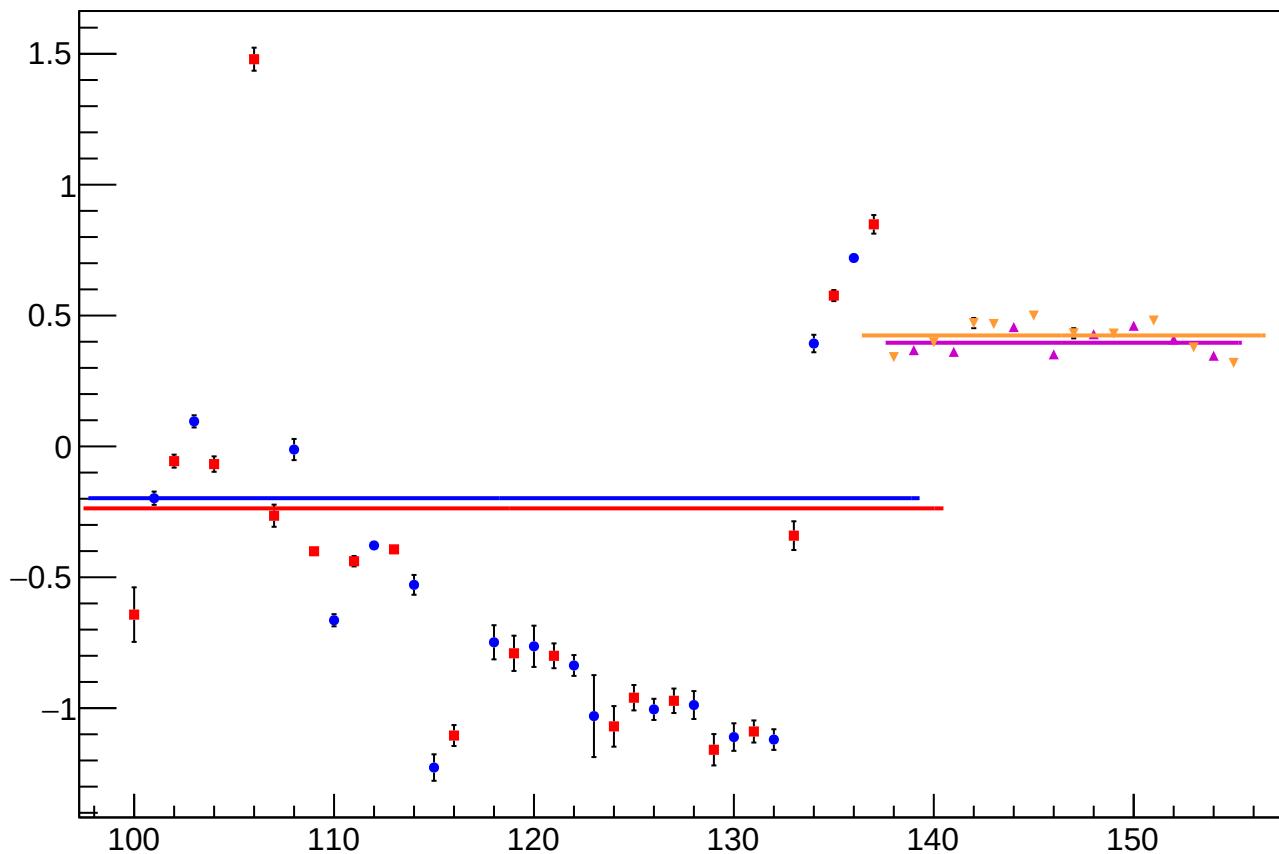
Left In: -17.196 ± 0.109 χ^2/NDF : 1036.7/7

+ sign -16.726 ± 0.081 χ^2/NDF : 3234.1/26

All: -16.875 ± 0.058 χ^2/NDF : 5498.9/53

- sign -17.029 ± 0.083 χ^2/NDF : 2258.0/26

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.424 ± 0.005 χ^2/NDF : 144.6/9

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

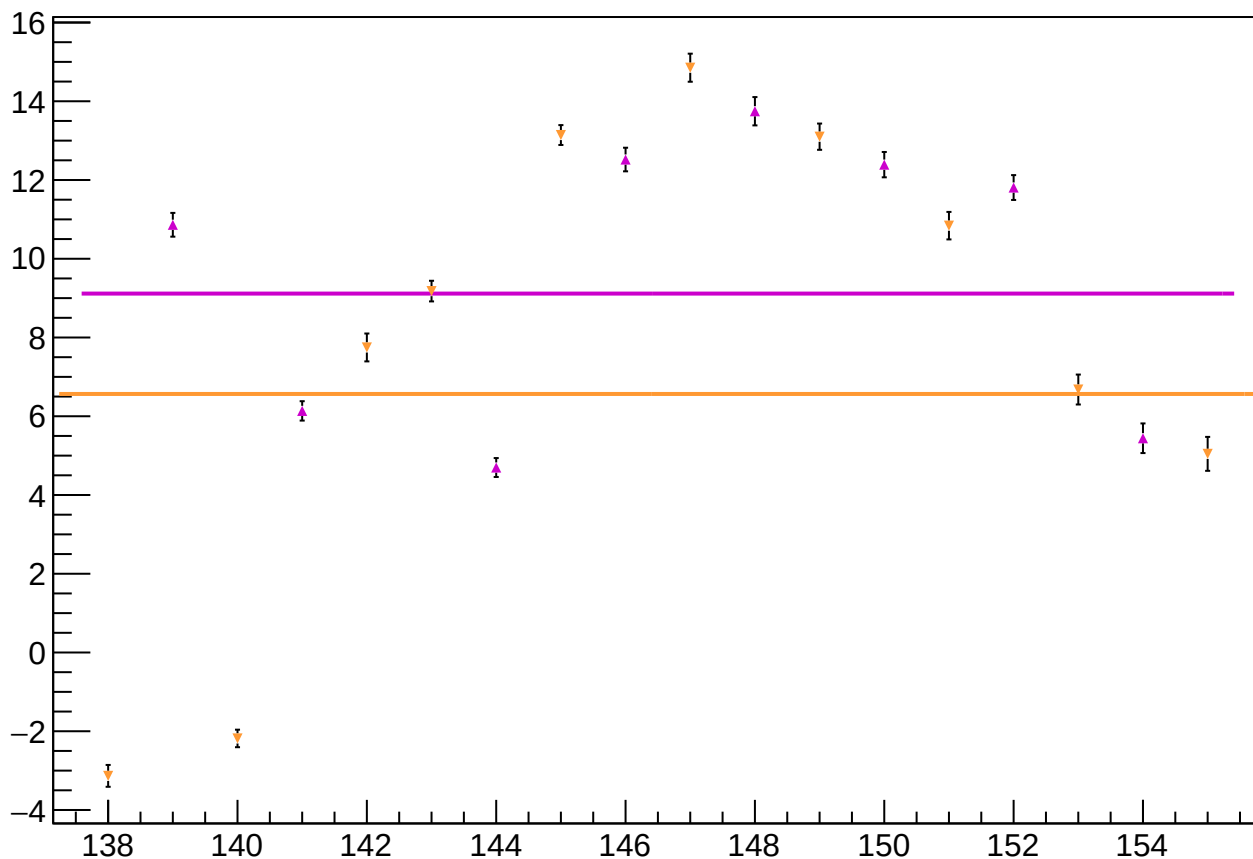
Left In: 0.396 ± 0.005 χ^2/NDF : 69.6/7

+ sign 0.233 ± 0.004 χ^2/NDF : 11199.1/26

All: 0.204 ± 0.003 χ^2/NDF : 22635.9/53

- sign 0.173 ± 0.004 χ^2/NDF : 11337.4/26

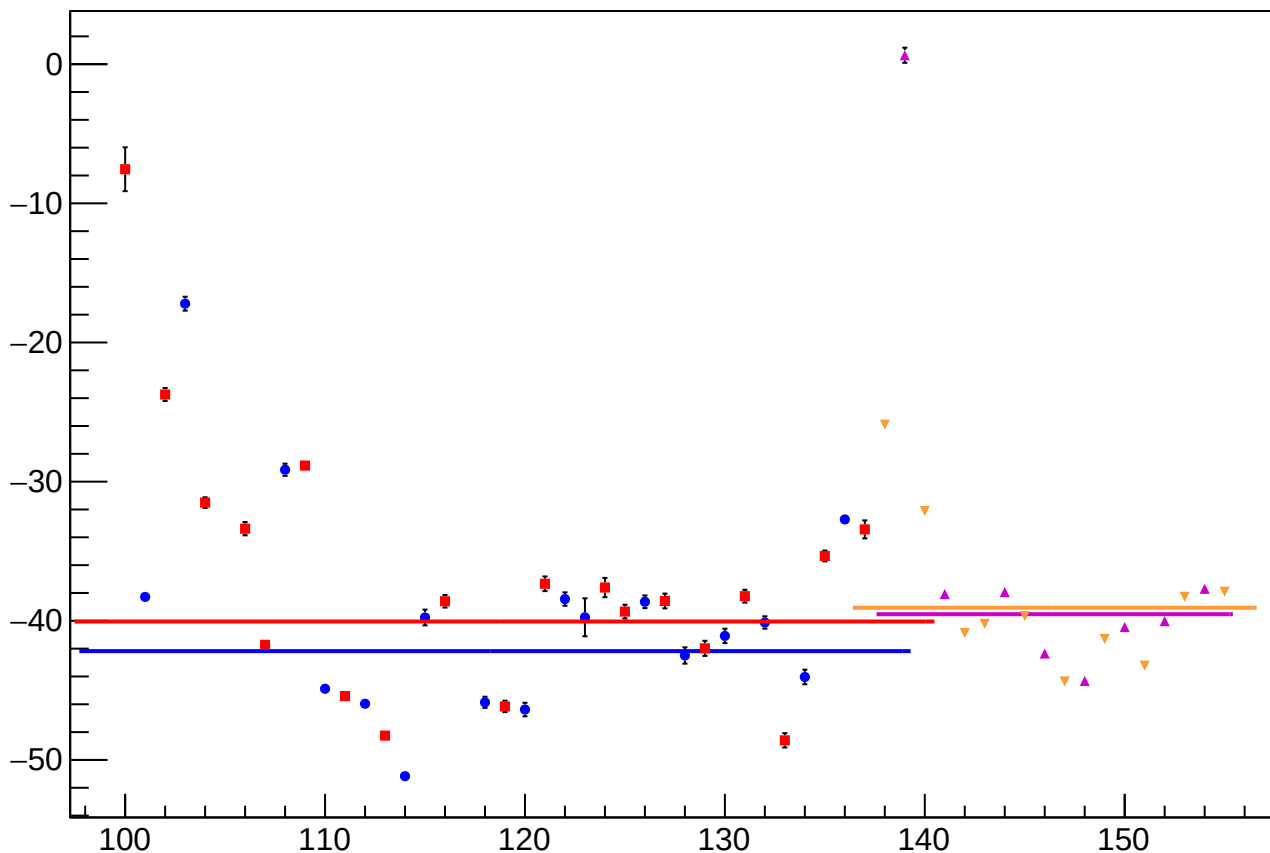
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.566 $\pm$ 0.096 χ^2/NDF :4640.4/9
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 9.116 $\pm$ 0.105 χ^2/NDF :1084.3/7

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 7.723 $\pm$ 0.071 χ^2/NDF : 6045.5/17
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.179 ± 0.078 $\chi^2/\text{NDF}: 6573.8/16$

Left Out: -39.061 ± 0.067 $\chi^2/\text{NDF}: 5496.5/9$

Right Out: -40.052 ± 0.073 $\chi^2/\text{NDF}: 11313.5/18$

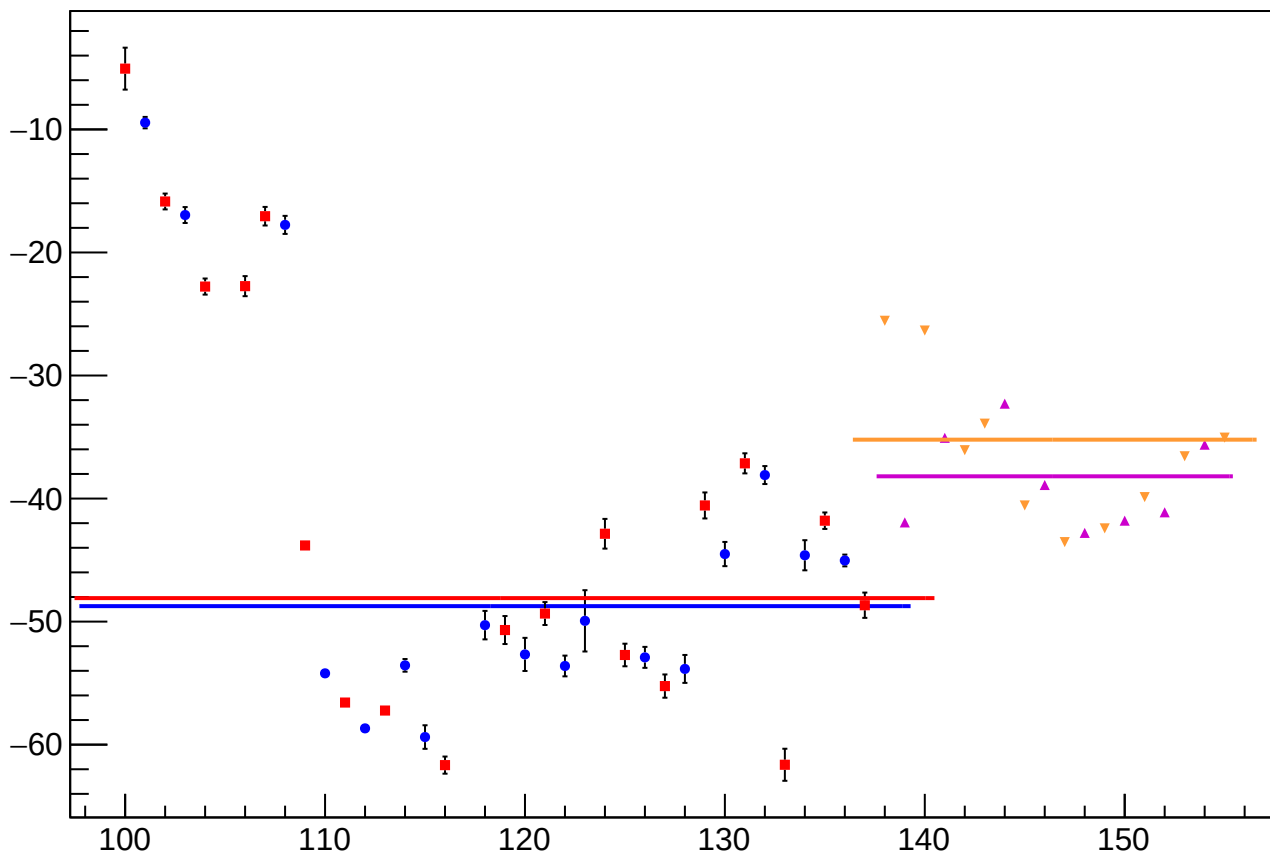
Left In: -39.524 ± 0.073 $\chi^2/\text{NDF}: 6642.8/7$

+ sign -40.383 ± 0.051 $\chi^2/\text{NDF}: 12995.9/26$

All: -40.093 ± 0.036 $\chi^2/\text{NDF}: 31045.3/53$

- sign -39.790 ± 0.052 $\chi^2/\text{NDF}: 17982.3/26$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 $\pm$ 0.124 χ^2/NDF : 14658.5/16

Left Out: -35.213 $\pm$ 0.098 χ^2/NDF : 4223.8/9

Right Out: -48.091 $\pm$ 0.107 χ^2/NDF : 11731.5/18

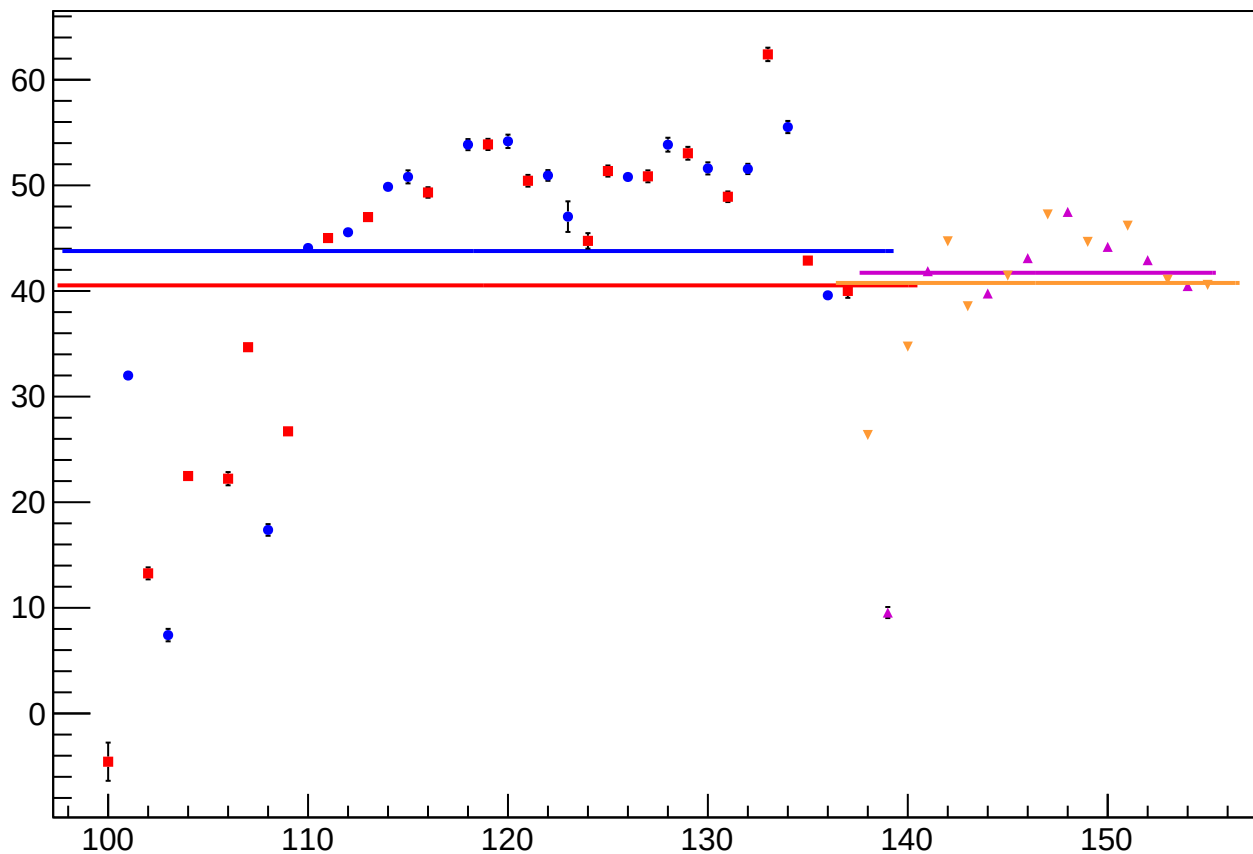
Left In: -38.192 $\pm$ 0.105 χ^2/NDF : 1284.7/7

+ sign -40.369 $\pm$ 0.077 χ^2/NDF : 26200.6/26

All: -41.740 $\pm$ 0.054 χ^2/NDF : 44178.9/53

- sign -43.053 $\pm$ 0.075 χ^2/NDF : 17353.9/26

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 40.762 $\pm$ 0.081 χ^2 /NDF: 4646.8/9

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

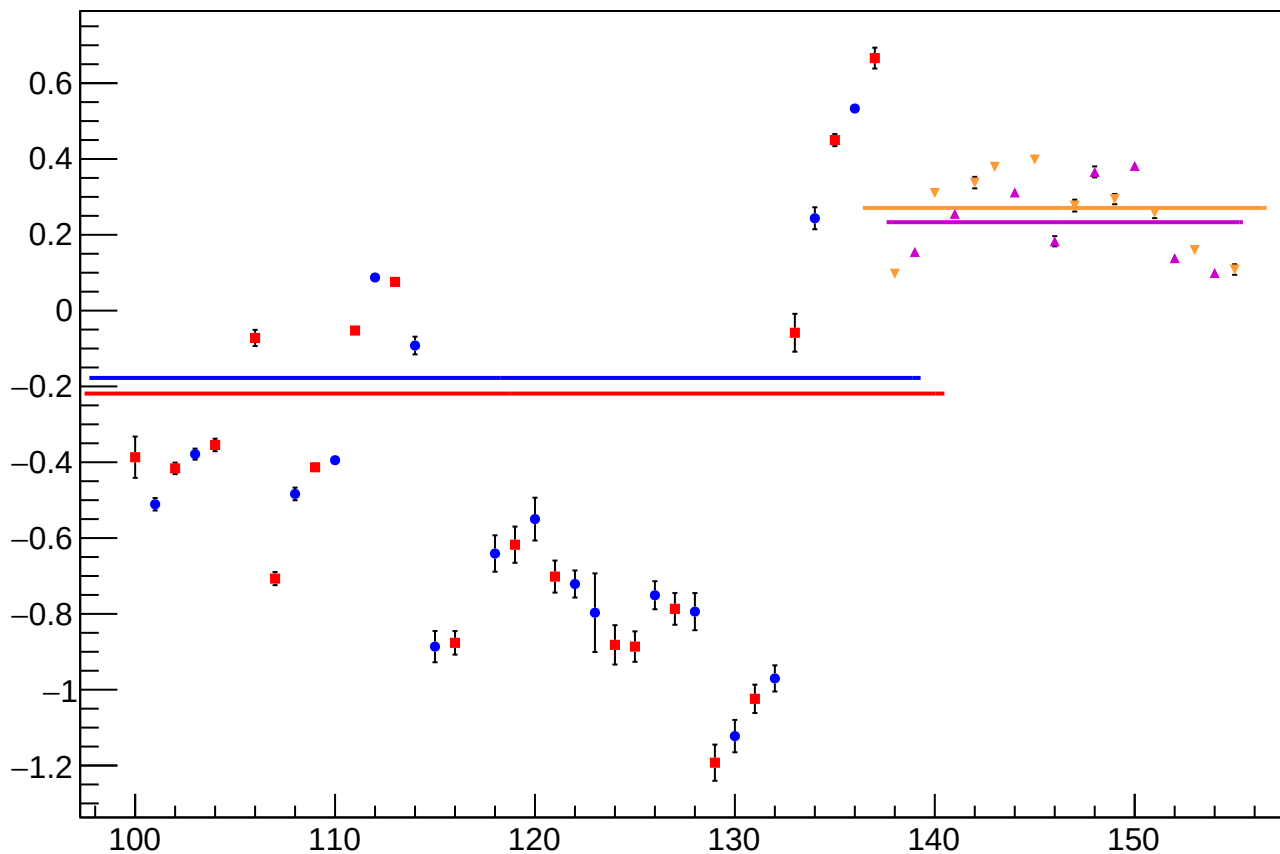
Left In: 41.724 $\pm$ 0.089 χ^2 /NDF: 4578.6/7

+ sign 42.176 $\pm$ 0.059 χ^2 /NDF: 15931.9/26

All: 41.623 $\pm$ 0.042 χ^2 /NDF: 38365.1/53

- sign 41.063 $\pm$ 0.060 χ^2 /NDF: 22258.0/26

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 $\chi^2/\text{NDF}: 7375.8/16$

Left Out: 0.271 ± 0.004 $\chi^2/\text{NDF}: 703.2/9$

Right Out: -0.219 ± 0.004 $\chi^2/\text{NDF}: 7470.0/18$

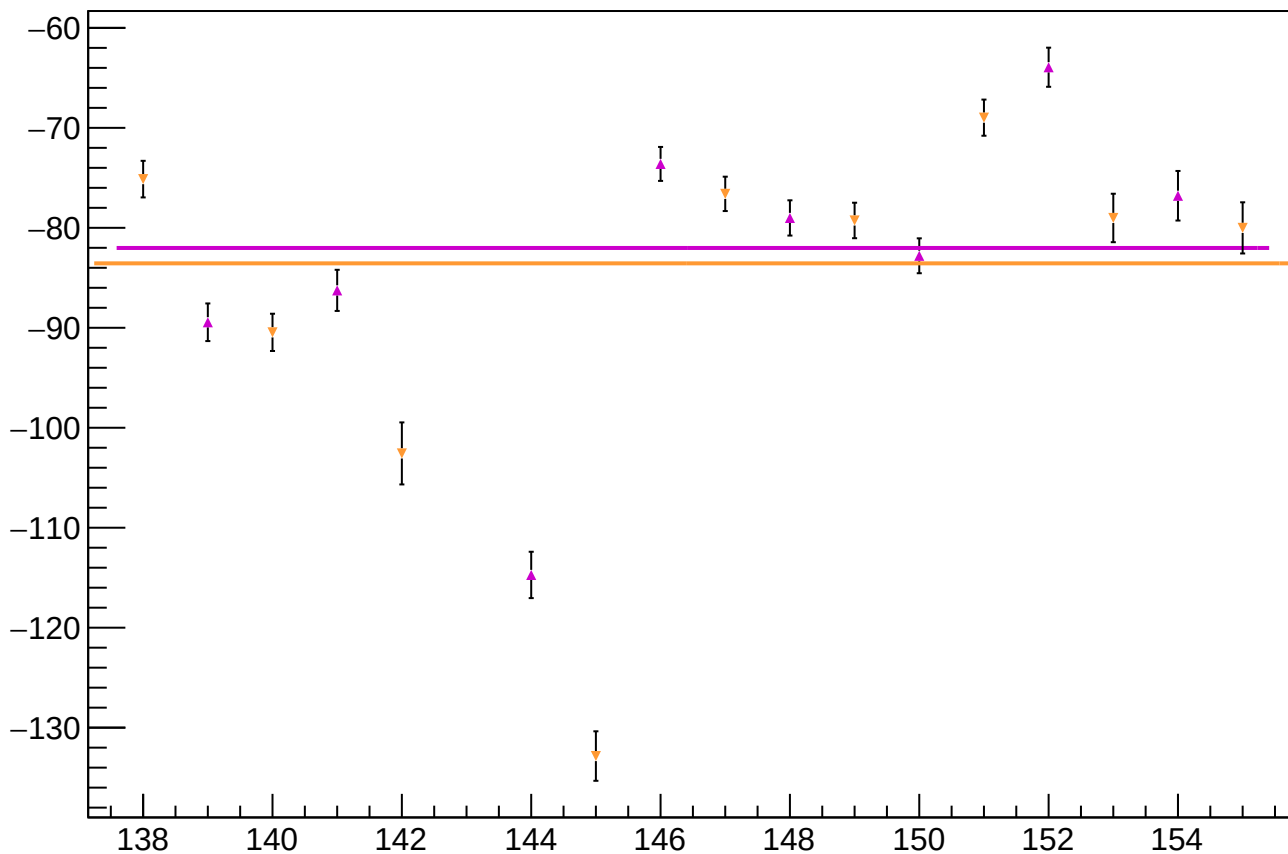
Left In: 0.233 ± 0.004 $\chi^2/\text{NDF}: 514.9/7$

+ sign 0.090 ± 0.003 $\chi^2/\text{NDF}: 13220.4/26$

All: 0.049 ± 0.002 $\chi^2/\text{NDF}: 27110.6/53$

- sign 0.008 ± 0.003 $\chi^2/\text{NDF}: 13522.9/26$

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -83.555+/-0.684 χ^2/NDF : 561.4/8

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

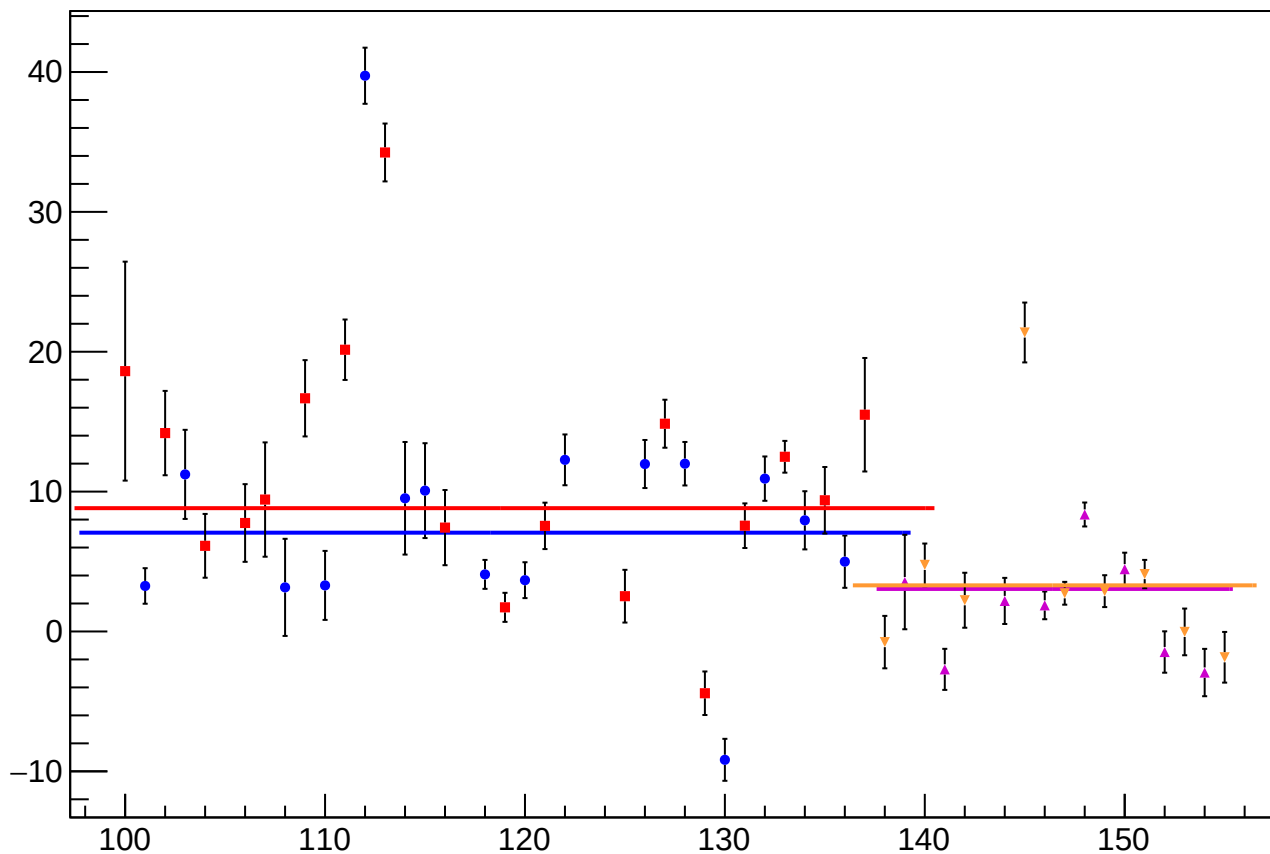
Left In: -82.016+/-0.686 χ^2/NDF : 336.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.788+/-0.484 χ^2/NDF : 900.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.063 ± 0.434 $\chi^2/\text{NDF}: 446.9/15$

Left Out: 3.298 ± 0.443 $\chi^2/\text{NDF}: 90.6/8$

Right Out: 8.816 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

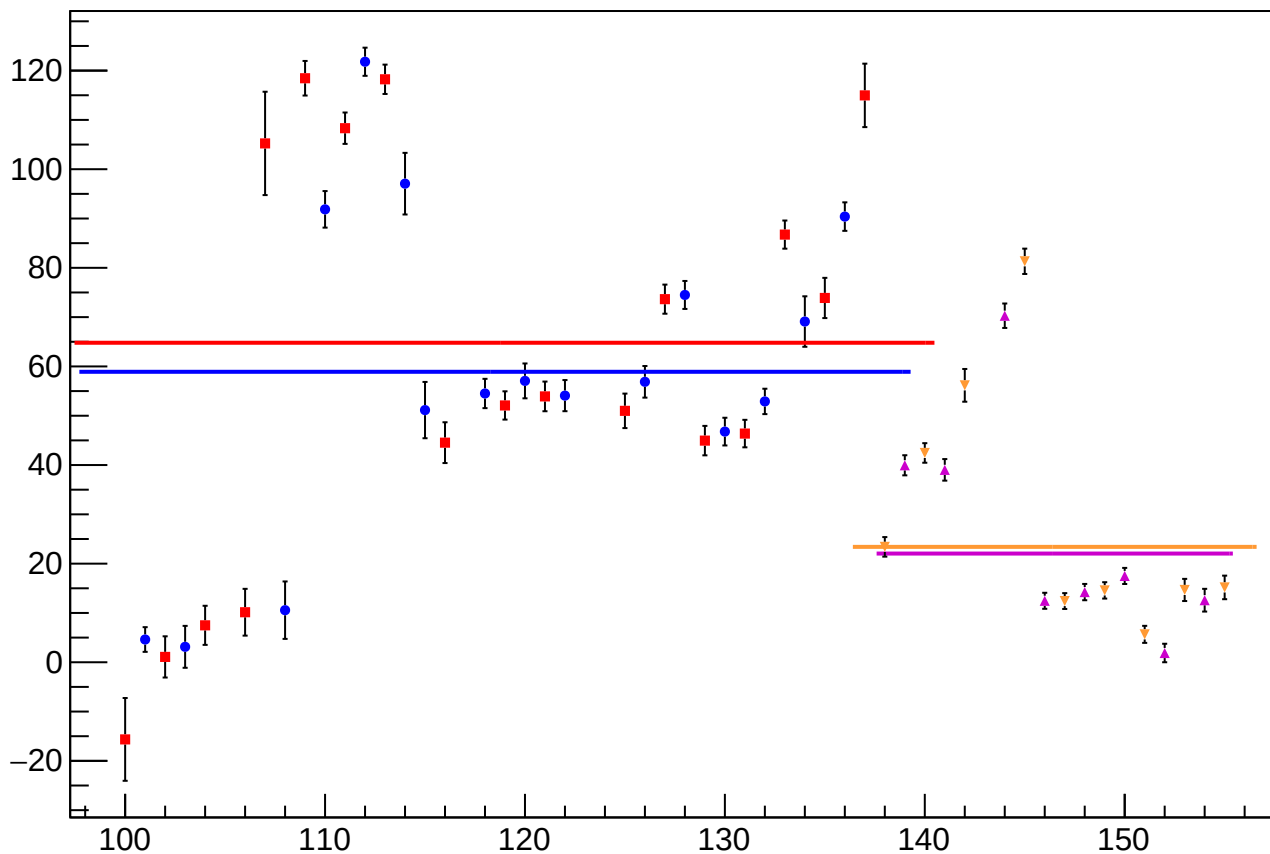
Left In: 3.040 ± 0.455 $\chi^2/\text{NDF}: 78.9/7$

+ sign 5.219 ± 0.310 $\chi^2/\text{NDF}: 574.4/24$

All: 5.582 ± 0.222 $\chi^2/\text{NDF}: 1088.1/50$

- sign 5.967 ± 0.320 $\chi^2/\text{NDF}: 510.9/25$

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 ± 0.831 $\chi^2/\text{NDF}: 1496.7/15$

Left Out: 23.404 ± 0.673 $\chi^2/\text{NDF}: 905.4/8$

Right Out: 64.803 ± 0.840 $\chi^2/\text{NDF}: 1718.2/17$

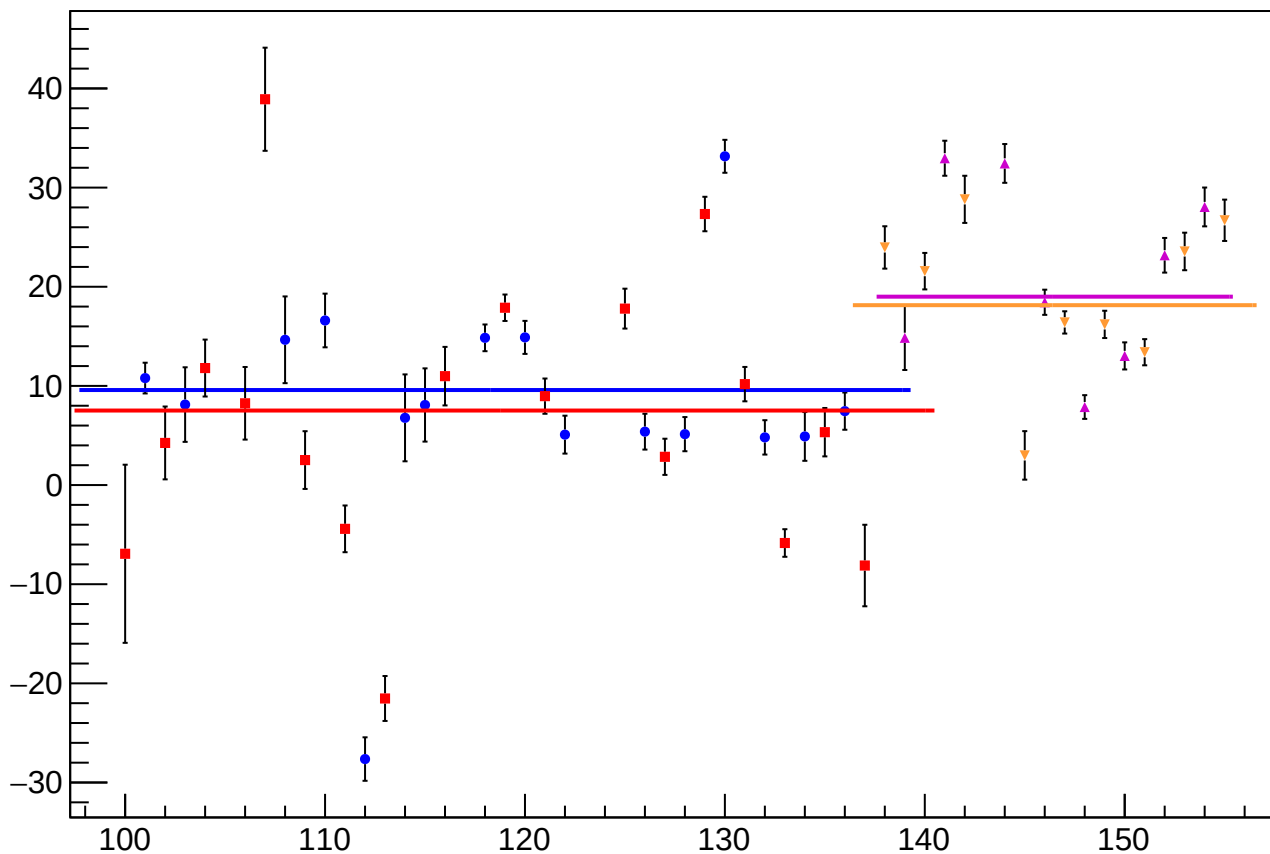
Left In: 22.046 ± 0.673 $\chi^2/\text{NDF}: 713.6/7$

+ sign 37.454 ± 0.523 $\chi^2/\text{NDF}: 3504.4/24$

All: 38.108 ± 0.371 $\chi^2/\text{NDF}: 7516.0/50$

- sign 38.768 ± 0.525 $\chi^2/\text{NDF}: 4008.4/25$

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 18.141 ± 0.554 χ^2/NDF : 111.8/8

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

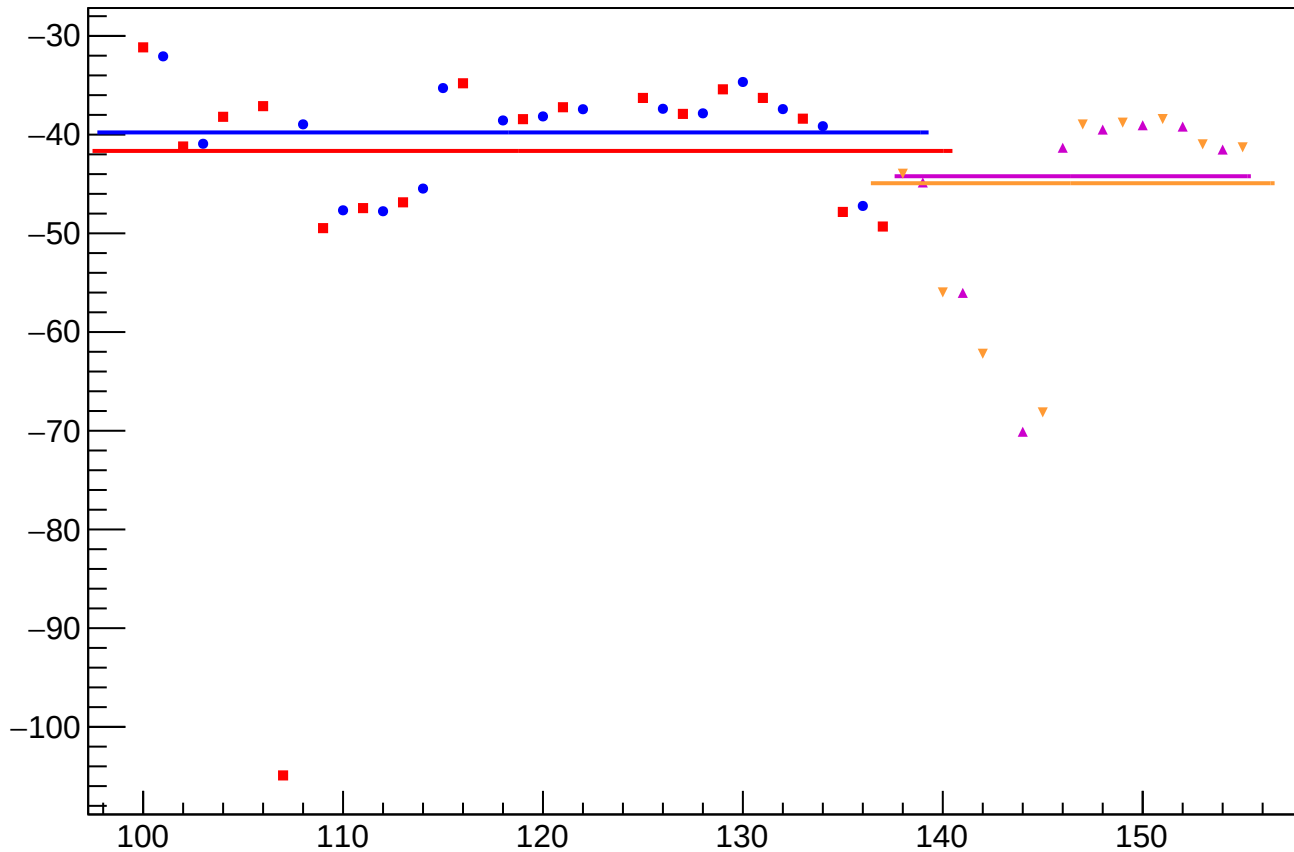
Left In: 19.000 ± 0.566 χ^2/NDF : 244.2/7

+ sign 13.437 ± 0.372 χ^2/NDF : 797.6/24

All: 13.089 ± 0.266 χ^2/NDF : 1838.2/50

- sign 12.722 ± 0.381 χ^2/NDF : 1038.9/25

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -44.923 ± 0.028 χ^2/NDF : 110703.1/8

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

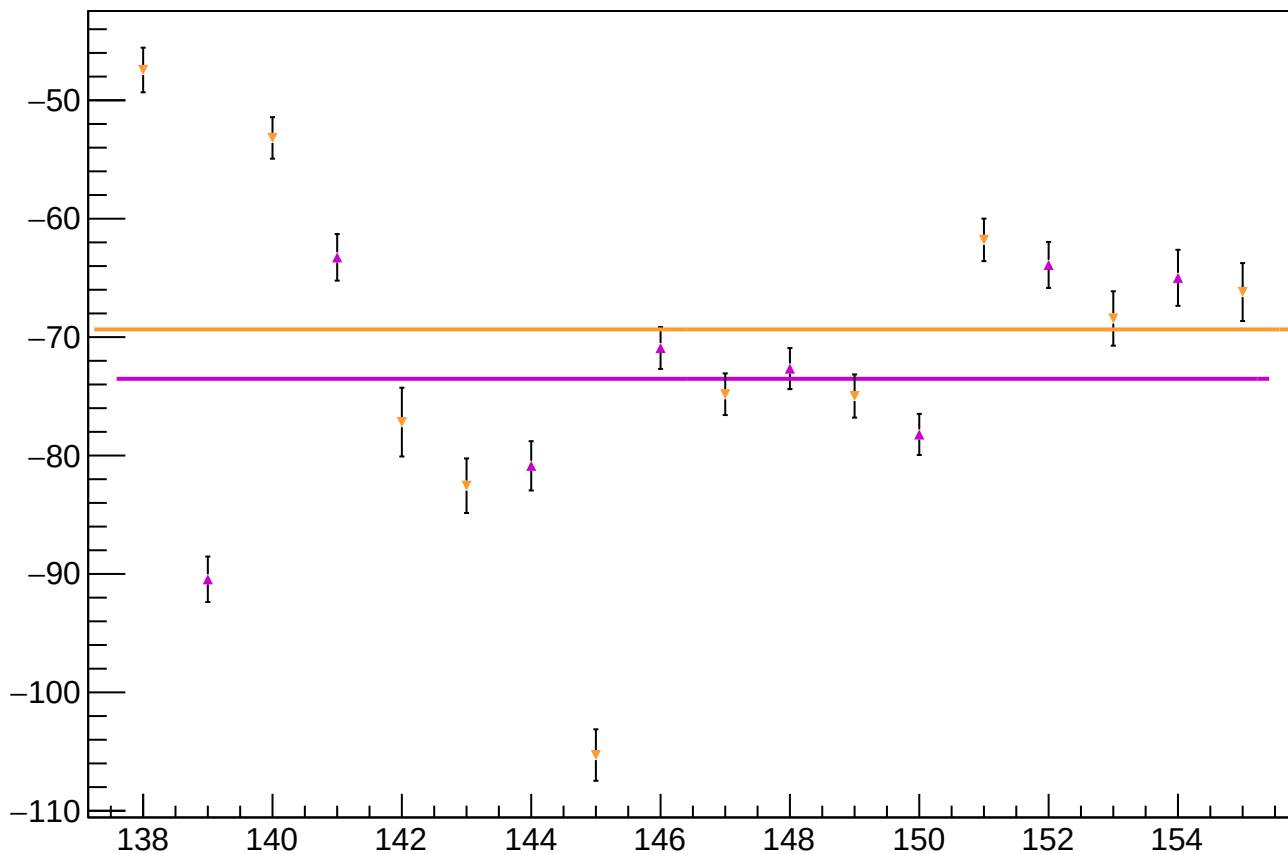
Left In: -44.215 ± 0.028 χ^2/NDF : 91614.6/7

+ sign -42.638 ± 0.021 χ^2/NDF : 152118.9/24

All: -42.866 ± 0.015 χ^2/NDF : 342231.3/50

- sign -43.092 ± 0.021 χ^2/NDF : 189871.1/25

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.351+/-0.643 χ^2/NDF : 572.5/9

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

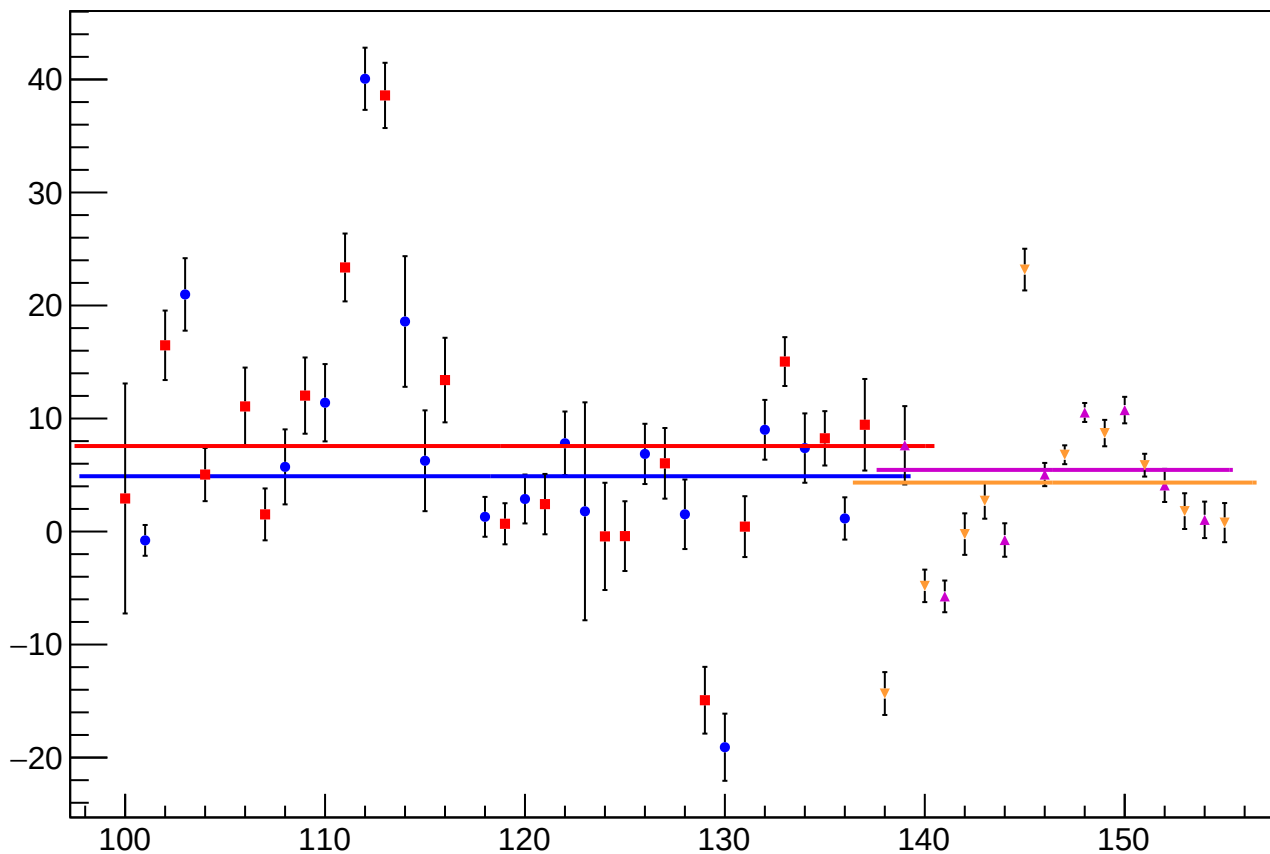
Left In: -73.520+/-0.676 χ^2/NDF : 164.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

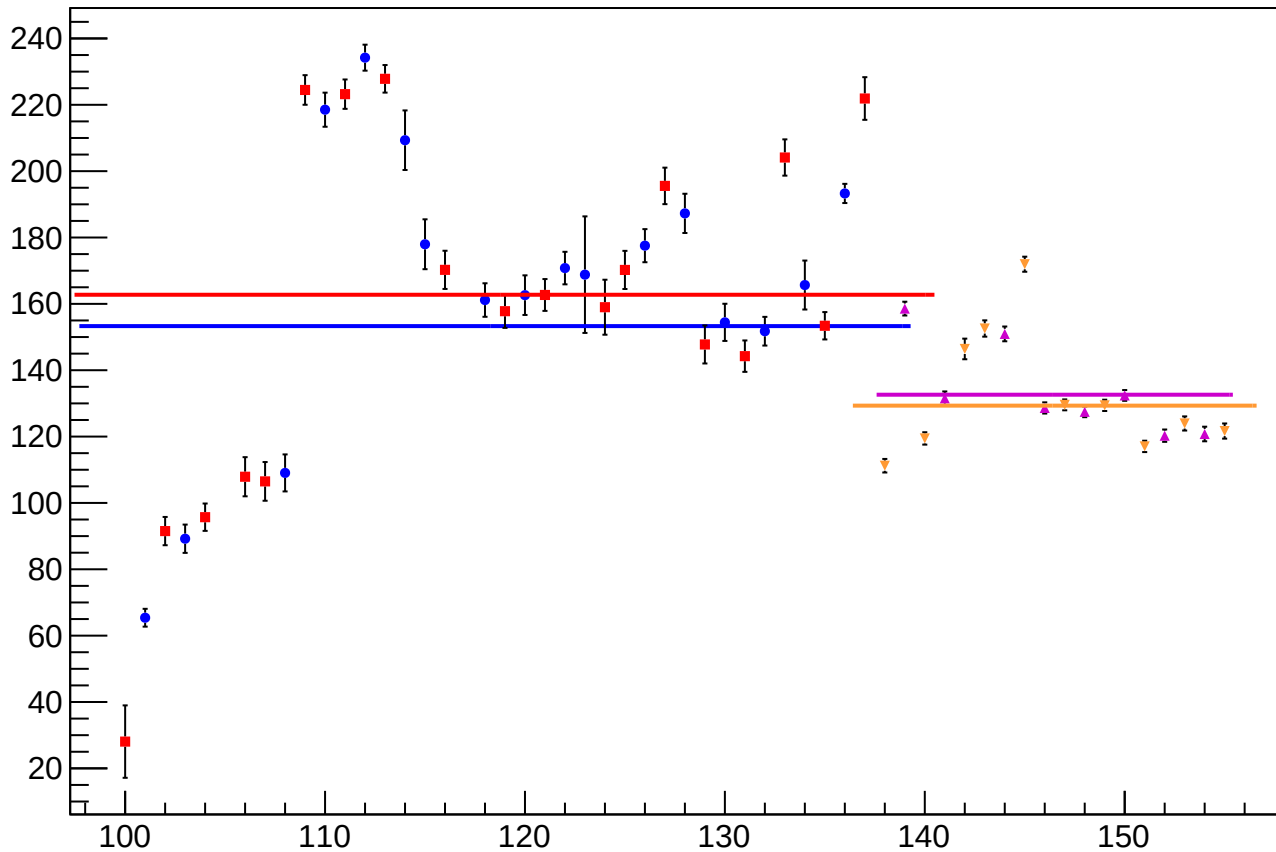
All: -71.334+/-0.466 χ^2/NDF : 757.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 129.325 $\pm$ 0.638 χ^2 /NDF: 647.9/9

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

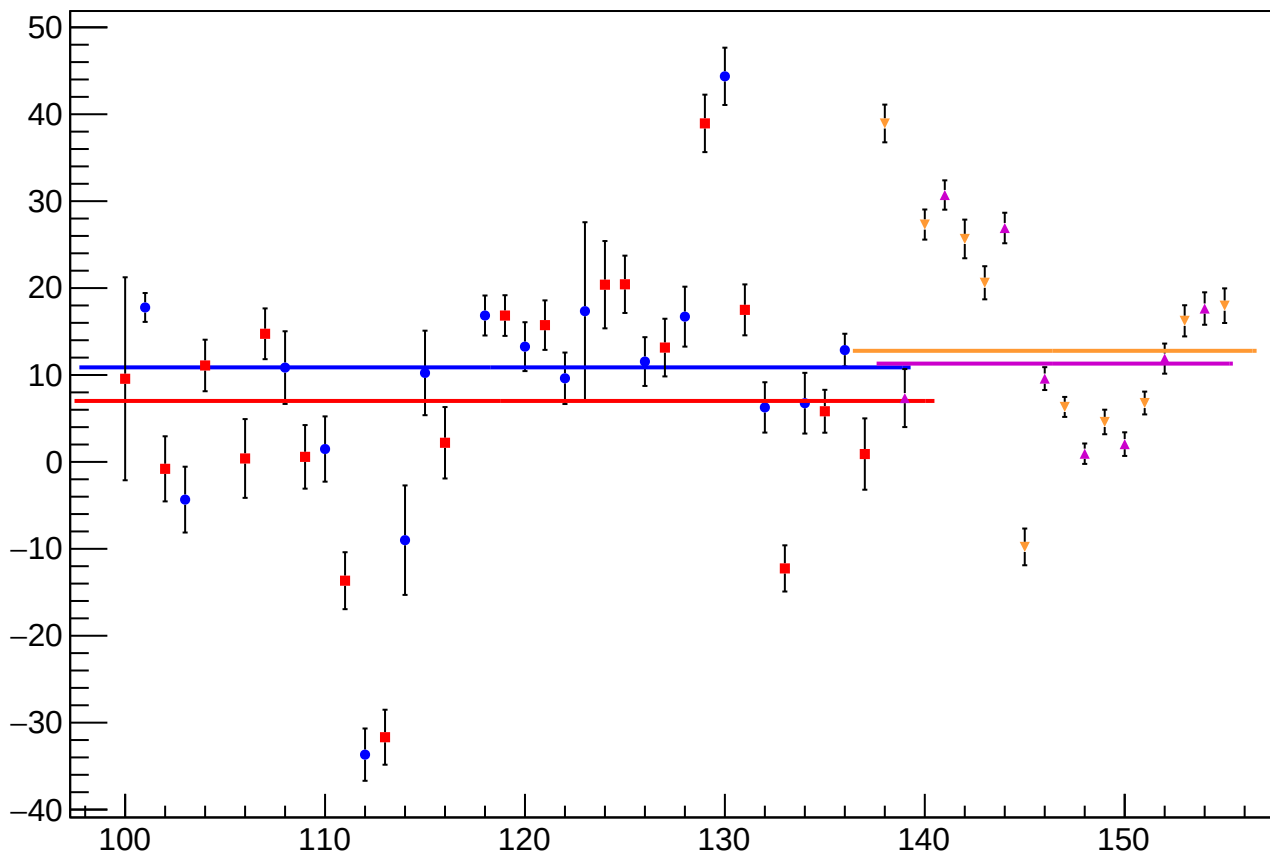
Left In: 132.618 $\pm$ 0.664 χ^2 /NDF: 312.7/7

+ sign 135.007 $\pm$ 0.557 χ^2 /NDF: 3249.2/26

All: 137.361 $\pm$ 0.401 χ^2 /NDF: 5805.0/53

- sign 139.894 $\pm$ 0.578 χ^2 /NDF: 2518.8/26

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 12.782 $\pm$ 0.524 χ^2 /NDF: 476.4/9

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

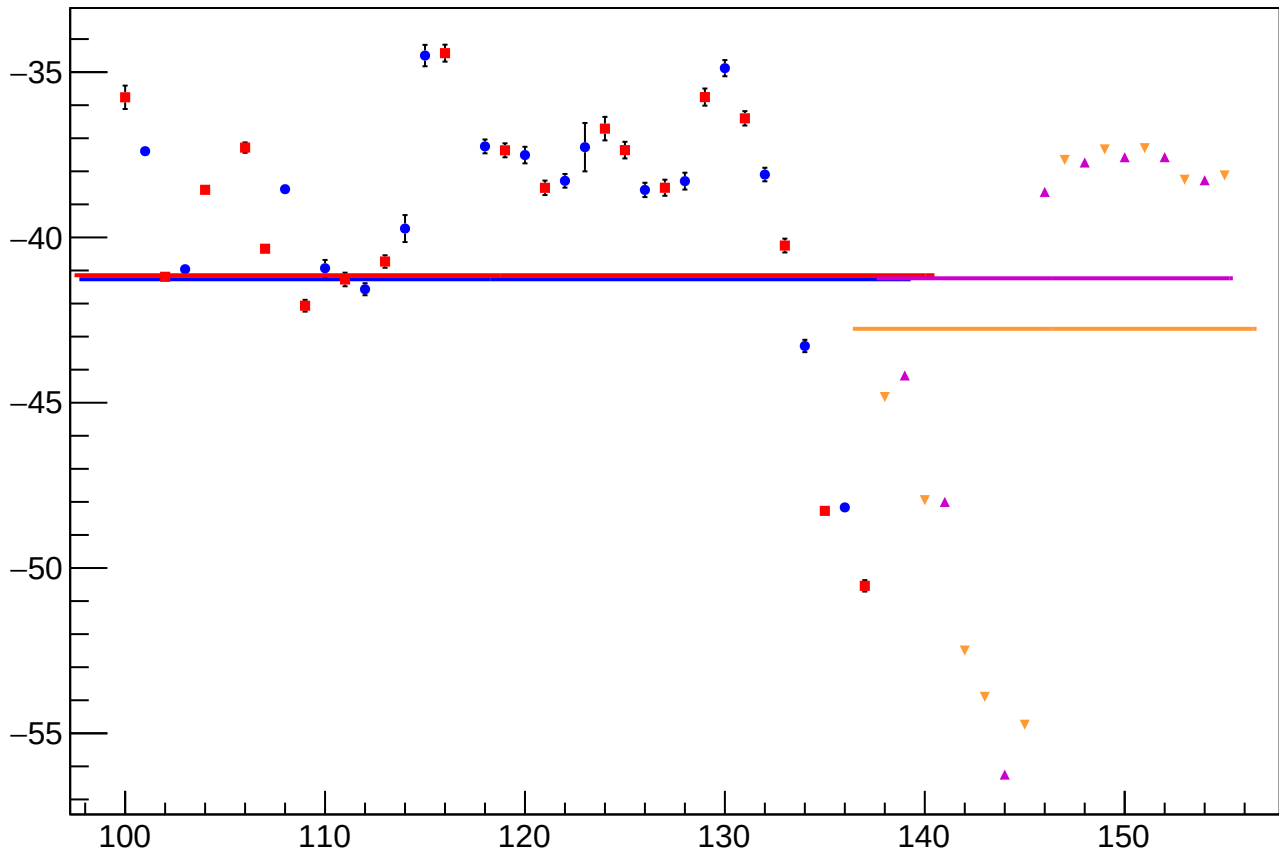
Left In: 11.310 $\pm$ 0.556 χ^2 /NDF: 350.1/7

+ sign 12.115 $\pm$ 0.422 χ^2 /NDF: 869.1/26

All: 11.013 $\pm$ 0.307 χ^2 /NDF: 1679.4/53

- sign 9.780 $\pm$ 0.447 χ^2 /NDF: 795.8/26

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -42.764 ± 0.026 $\chi^2/\text{NDF}: 63434.6/9$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

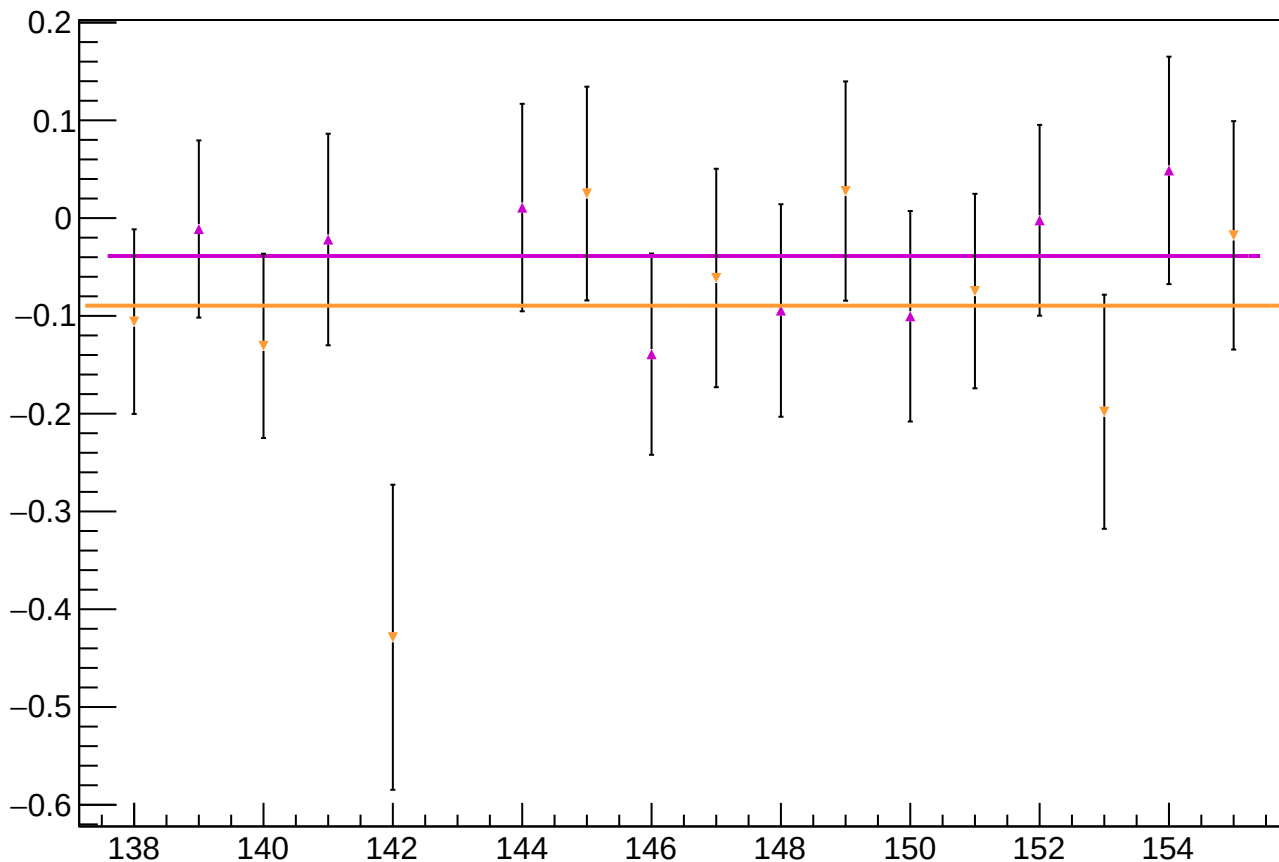
Left In: -41.236 ± 0.027 $\chi^2/\text{NDF}: 42155.0/7$

+ sign -42.290 ± 0.022 $\chi^2/\text{NDF}: 77040.8/26$

All: -41.761 ± 0.015 $\chi^2/\text{NDF}: 132641.7/53$

- sign -41.205 ± 0.022 $\chi^2/\text{NDF}: 54377.4/26$

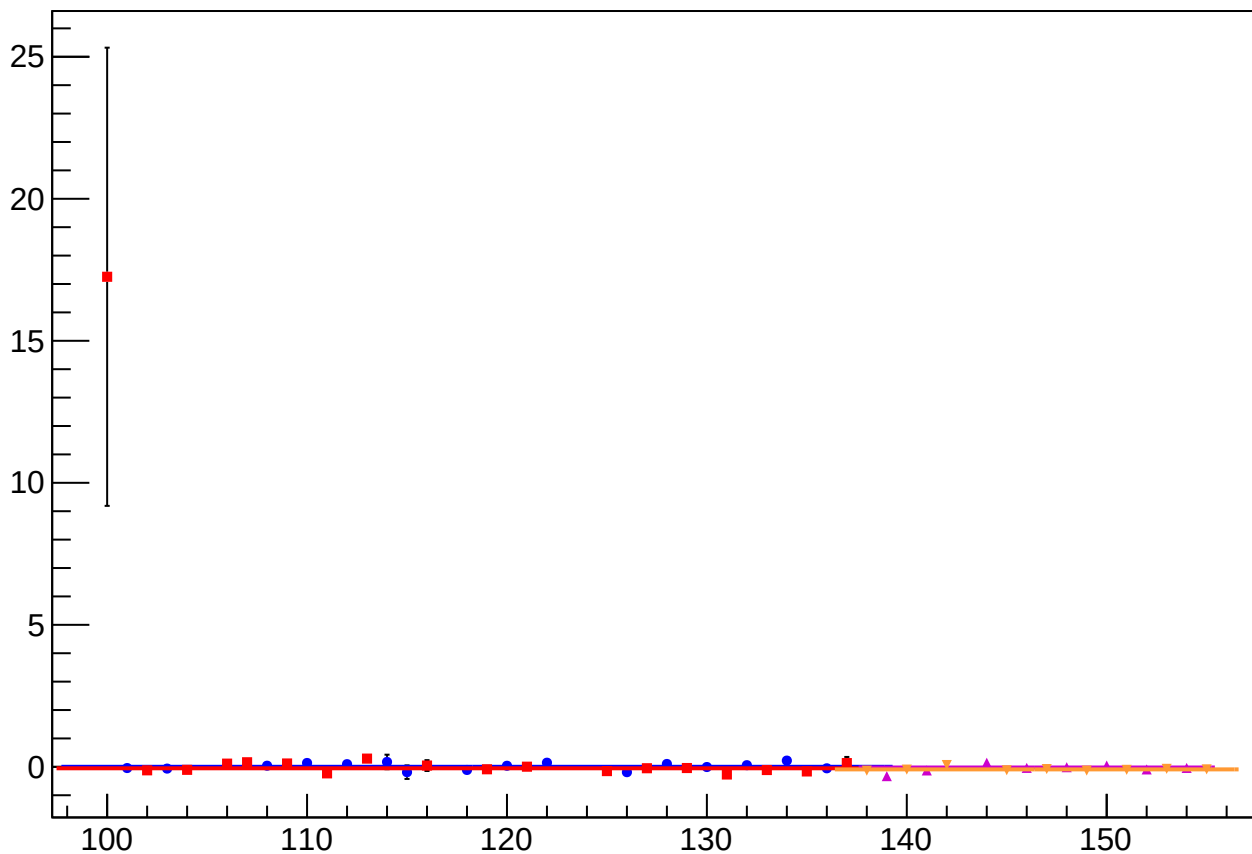
reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.090 $\pm$ 0.036 χ^2 /NDF: 8.4/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.039 $\pm$ 0.037 χ^2 /NDF: 2.6/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.064 $\pm$ 0.026 χ^2 /NDF: 12.0/16
 - 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 : 12.5/15

Left Out: -0.090 ± 0.025 χ^2/NDF : 3.2/8

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

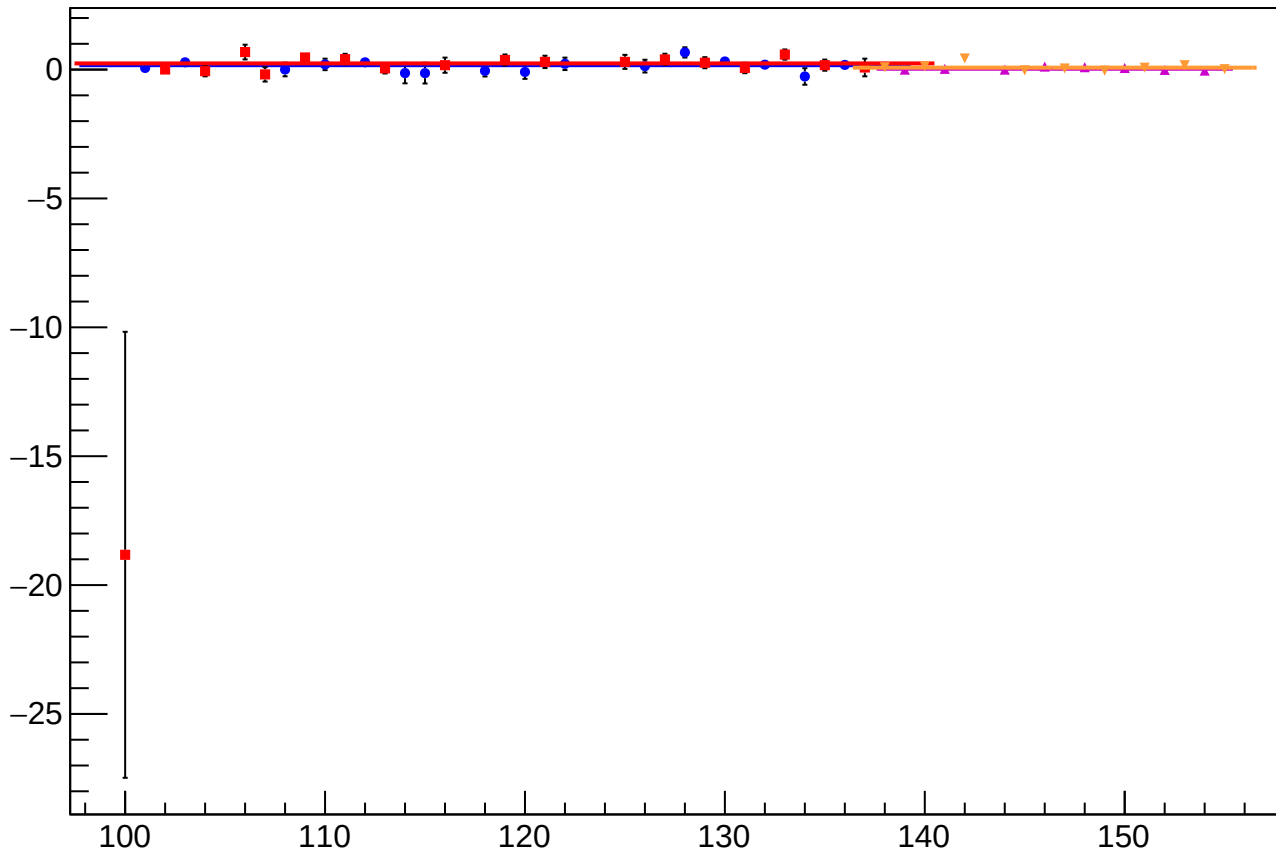
Left In: -0.023 ± 0.026 χ^2/NDF : 11.9/7

+ sign -0.050 ± 0.019 χ^2/NDF : 21.6/24

All: -0.043 ± 0.013 χ^2/NDF : 60.2/50

- sign -0.035 ± 0.019 χ^2/NDF : 38.2/25

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.075 $\pm$ 0.036 χ^2 /NDF: 8.0/8

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

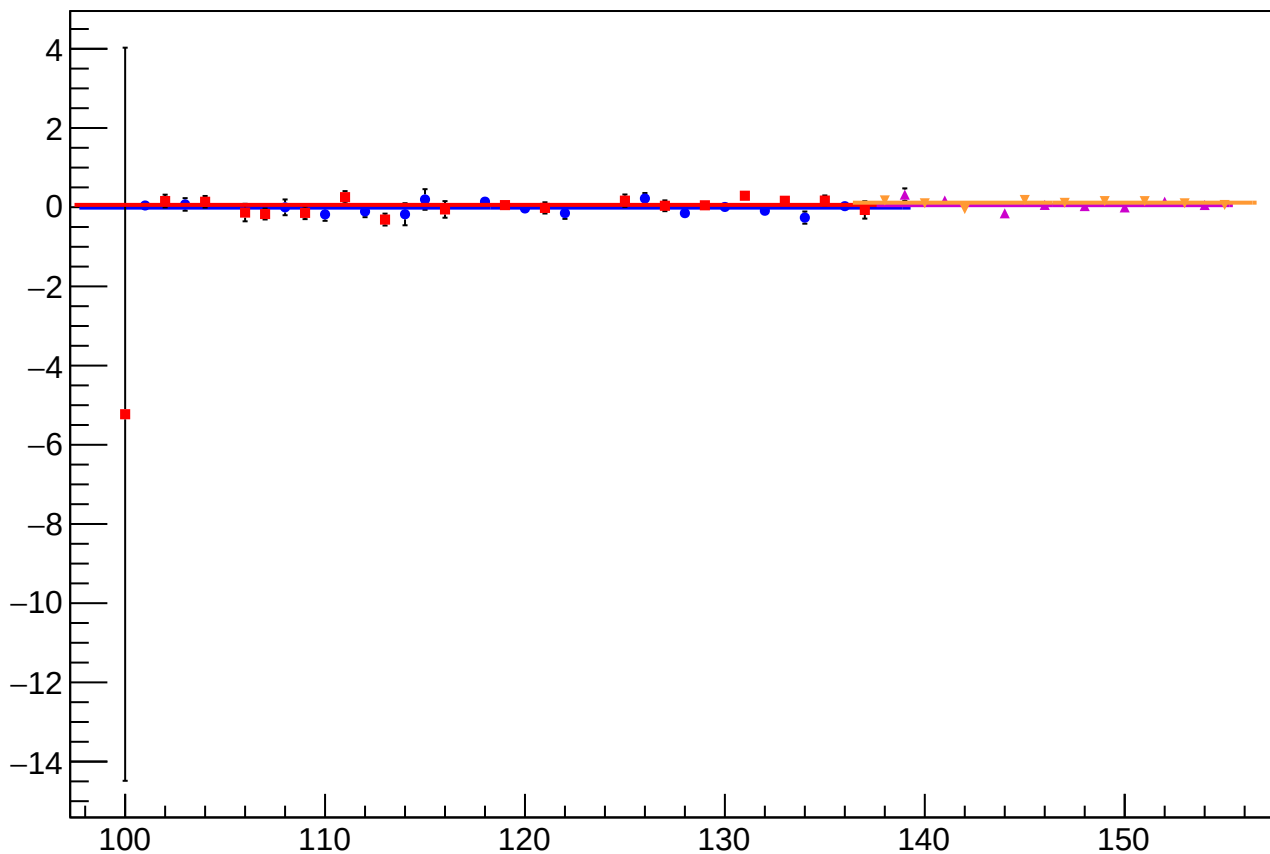
Left In: 0.032 $\pm$ 0.036 χ^2 /NDF: 2.1/7

+ sign 0.106 $\pm$ 0.030 χ^2 /NDF: 24.0/24

All: 0.101 $\pm$ 0.021 χ^2 /NDF: 58.0/50

- sign 0.097 $\pm$ 0.030 χ^2 /NDF: 34.0/25

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.114 ± 0.030 χ^2/NDF : 3.4/8

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

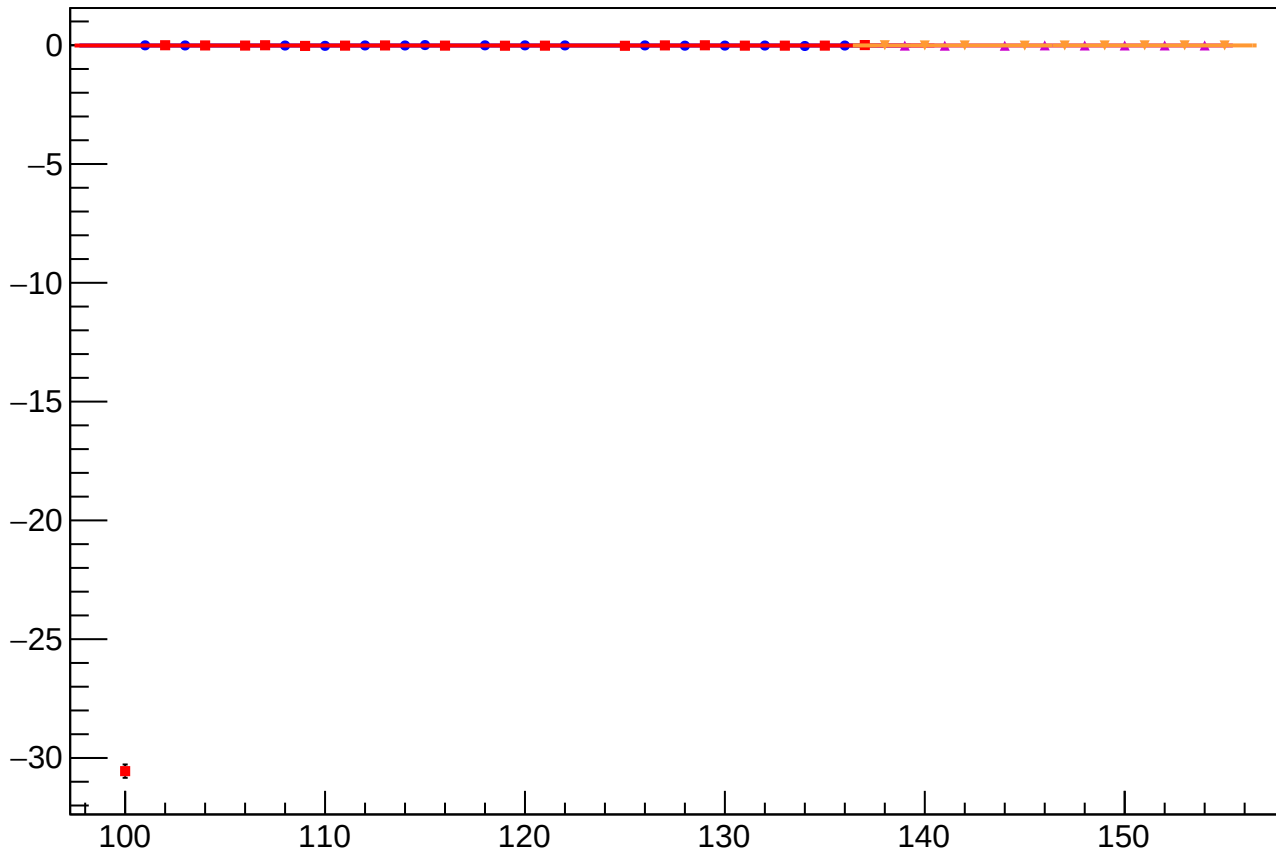
Left In: 0.051 ± 0.031 χ^2/NDF : 11.2/7

+ sign 0.056 ± 0.022 χ^2/NDF : 25.1/24

All: 0.055 ± 0.016 χ^2/NDF : 56.9/50

- sign 0.054 ± 0.023 χ^2/NDF : 31.8/25

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.9/15

Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF: 8.2/8

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11891.5/17

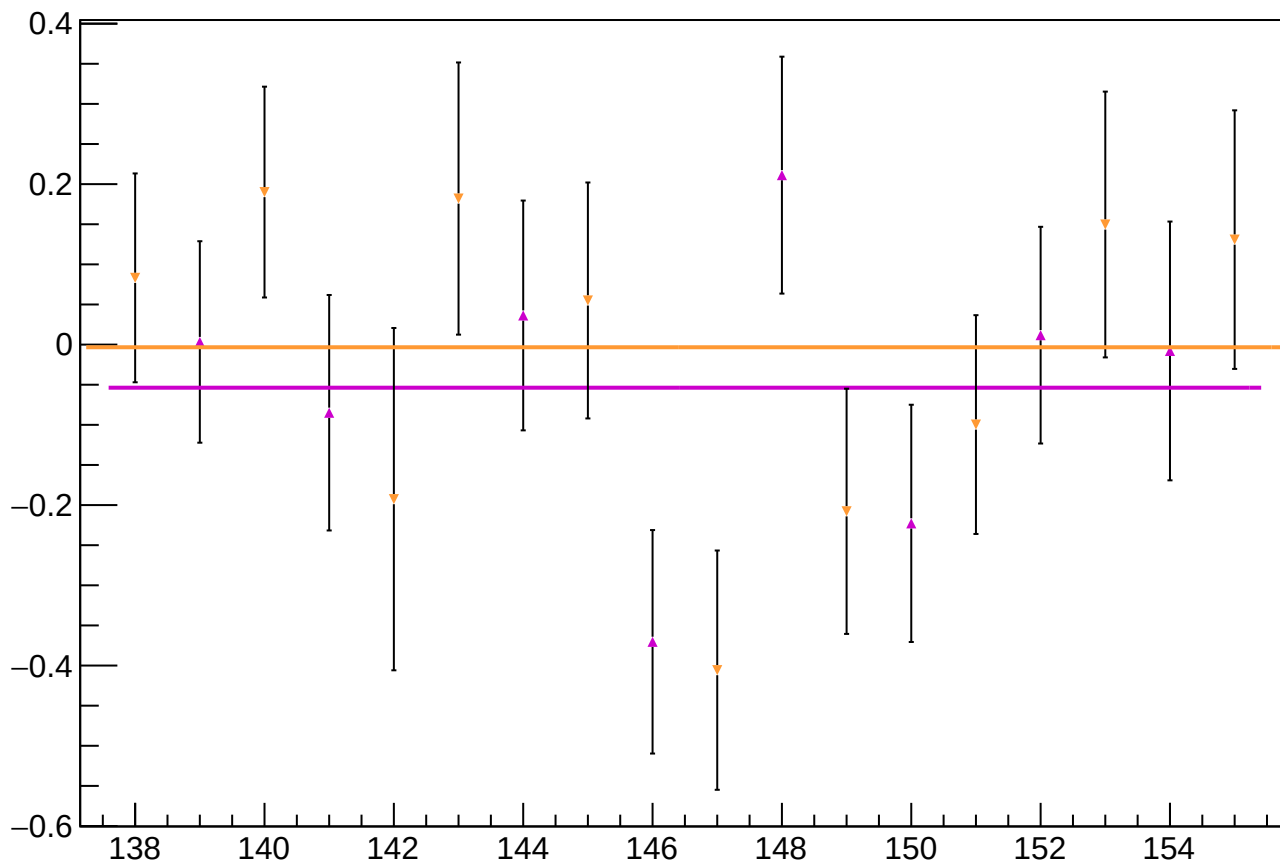
Left In: -0.012 $\pm$ 0.001 χ^2 /NDF: 8.6/7

+ sign -0.010 $\pm$ 0.001 χ^2 /NDF: 22.9/24

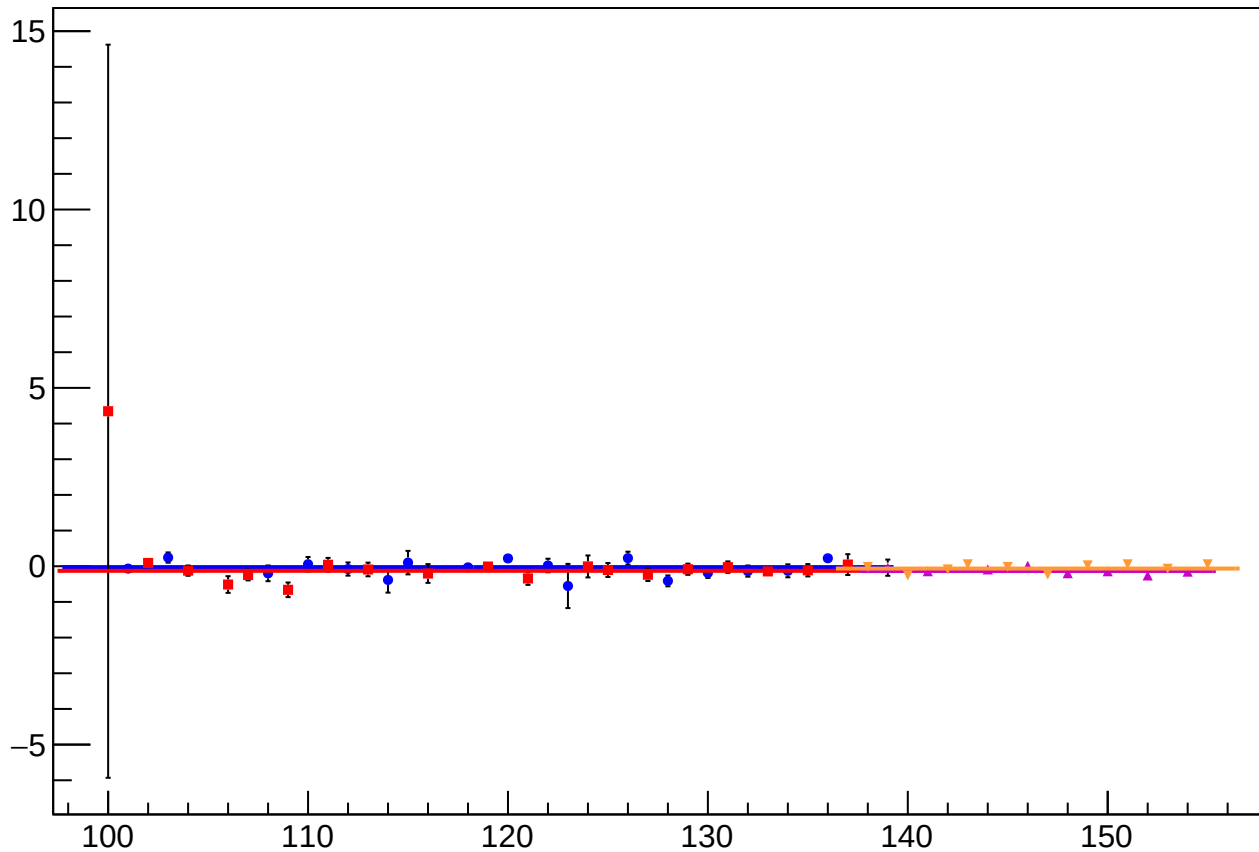
All: -0.011 $\pm$ 0.001 χ^2 /NDF: 11924.6/50

- sign -0.012 $\pm$ 0.001 χ^2 /NDF: 11900.1/25

reg_asym_dsr_diff_bpm1X_slope vs Slug



reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.065 ± 0.032 χ^2/NDF : 14.1/9

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

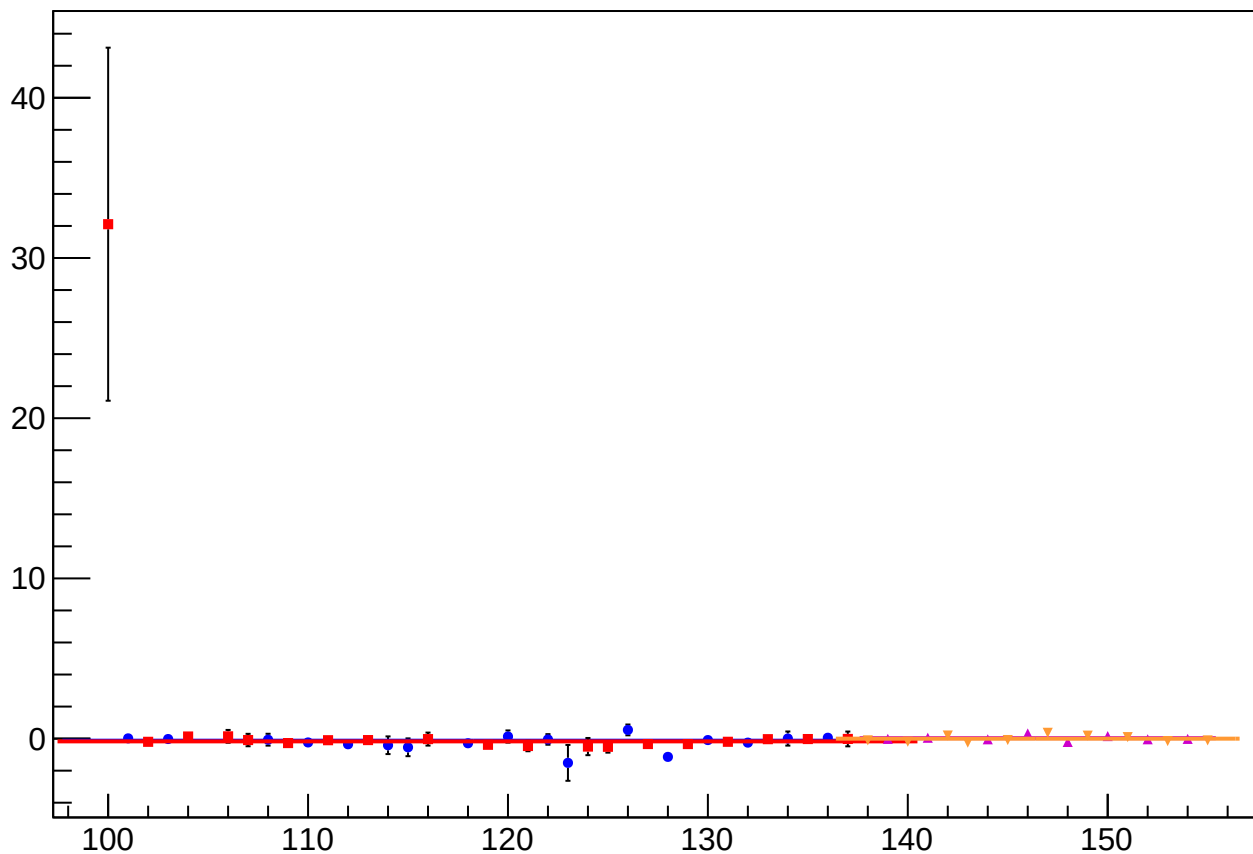
Left In: -0.132 ± 0.035 χ^2/NDF : 5.7/7

+ sign -0.047 ± 0.024 χ^2/NDF : 38.2/26

All: -0.086 ± 0.018 χ^2/NDF : 67.0/53

- sign -0.131 ± 0.026 χ^2/NDF : 23.4/26

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: -0.003 ± 0.048 χ^2/NDF : 16.0/9

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

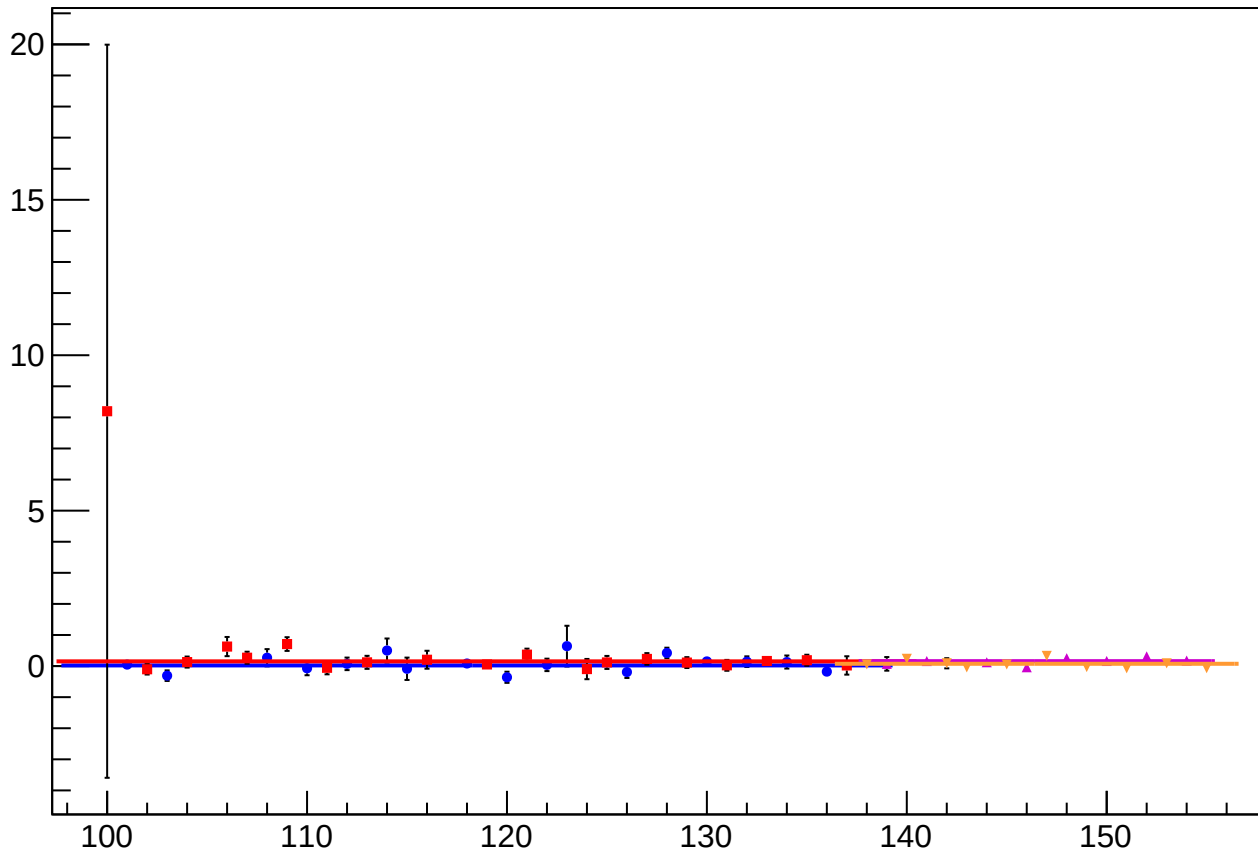
Left In: 0.030 ± 0.050 χ^2/NDF : 9.4/7

+ sign -0.046 ± 0.039 χ^2/NDF : 42.1/26

All: -0.041 ± 0.028 χ^2/NDF : 72.0/53

- sign -0.036 ± 0.041 χ^2/NDF : 29.9/26

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.073 ± 0.040 χ^2/NDF : 13.1/9

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

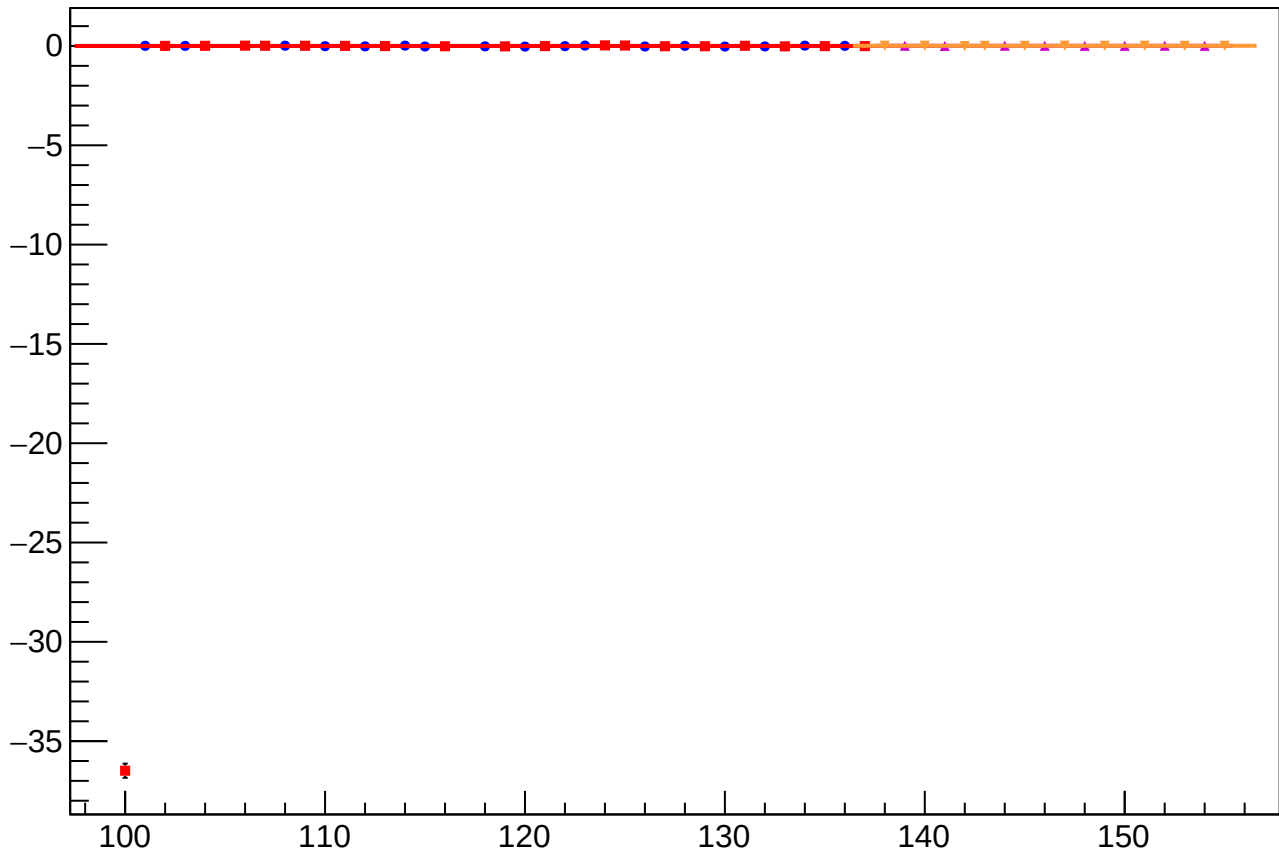
Left In: 0.158 ± 0.043 χ^2/NDF : 6.2/7

+ sign 0.049 ± 0.029 χ^2/NDF : 36.4/26

All: 0.098 ± 0.021 χ^2/NDF : 65.2/53

- sign 0.155 ± 0.031 χ^2/NDF : 22.5/26

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.4/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF: 4.6/9

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

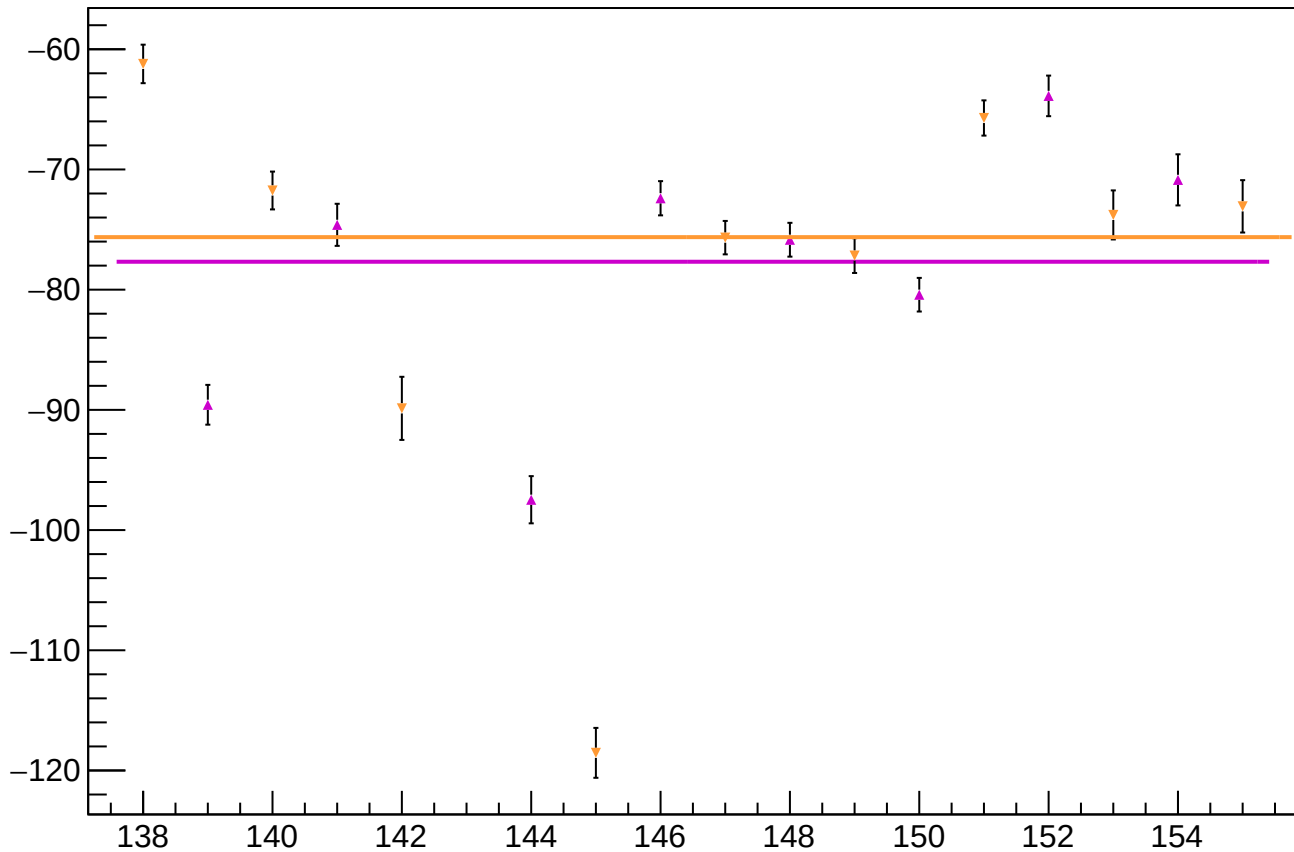
Left In: 0.010 $\pm$ 0.002 χ^2 /NDF: 3.2/7

+ sign 0.006 $\pm$ 0.001 χ^2 /NDF: 45.9/26

All: 0.006 $\pm$ 0.001 χ^2 /NDF: 10507.7/53

- sign 0.006 $\pm$ 0.002 χ^2 /NDF: 10461.7/26

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -75.630+/-0.570 χ^2/NDF : 592.8/8

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

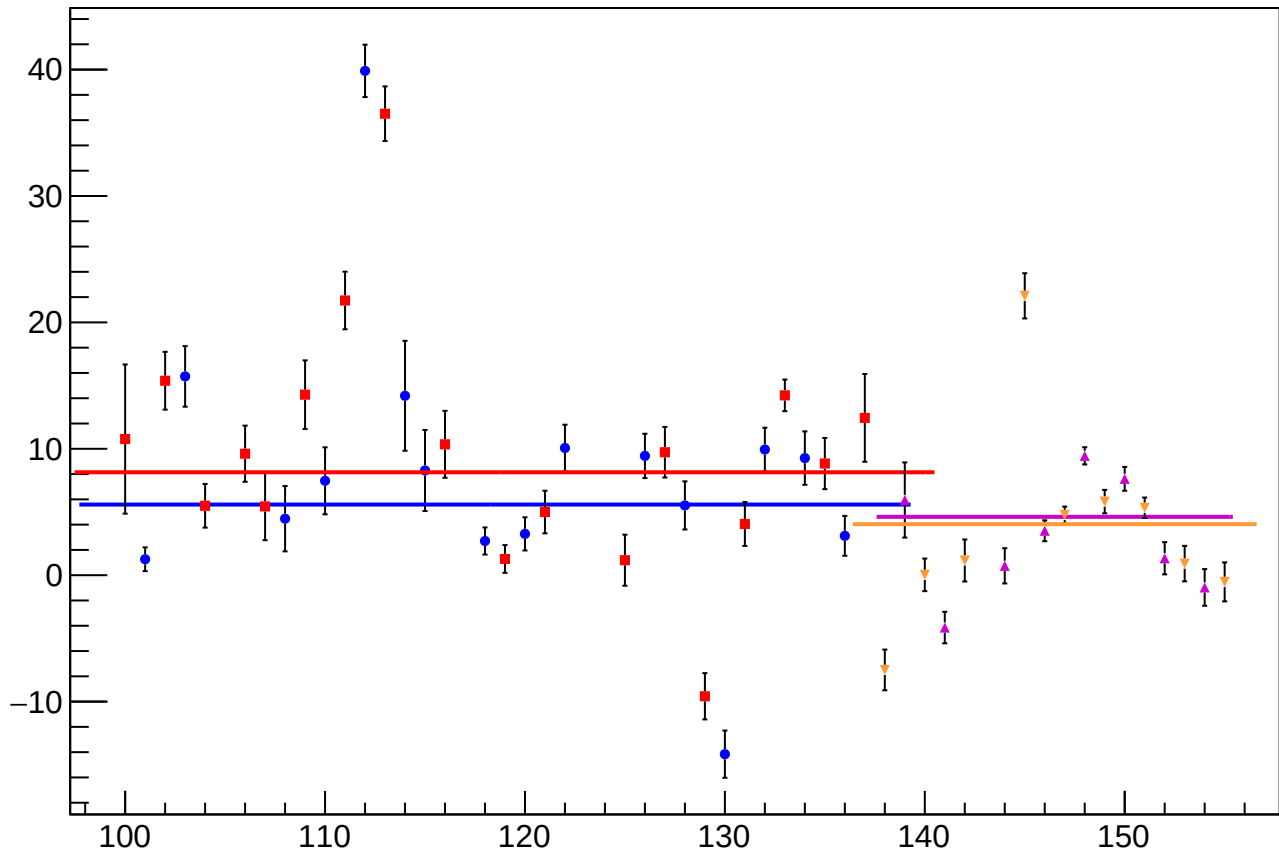
Left In: -77.677+/-0.574 χ^2/NDF : 252.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.646+/-0.404 χ^2/NDF : 852.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.589 ± 0.424 χ^2/NDF : 462.8/15

Left Out: 4.035 ± 0.363 χ^2/NDF : 187.2/8

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

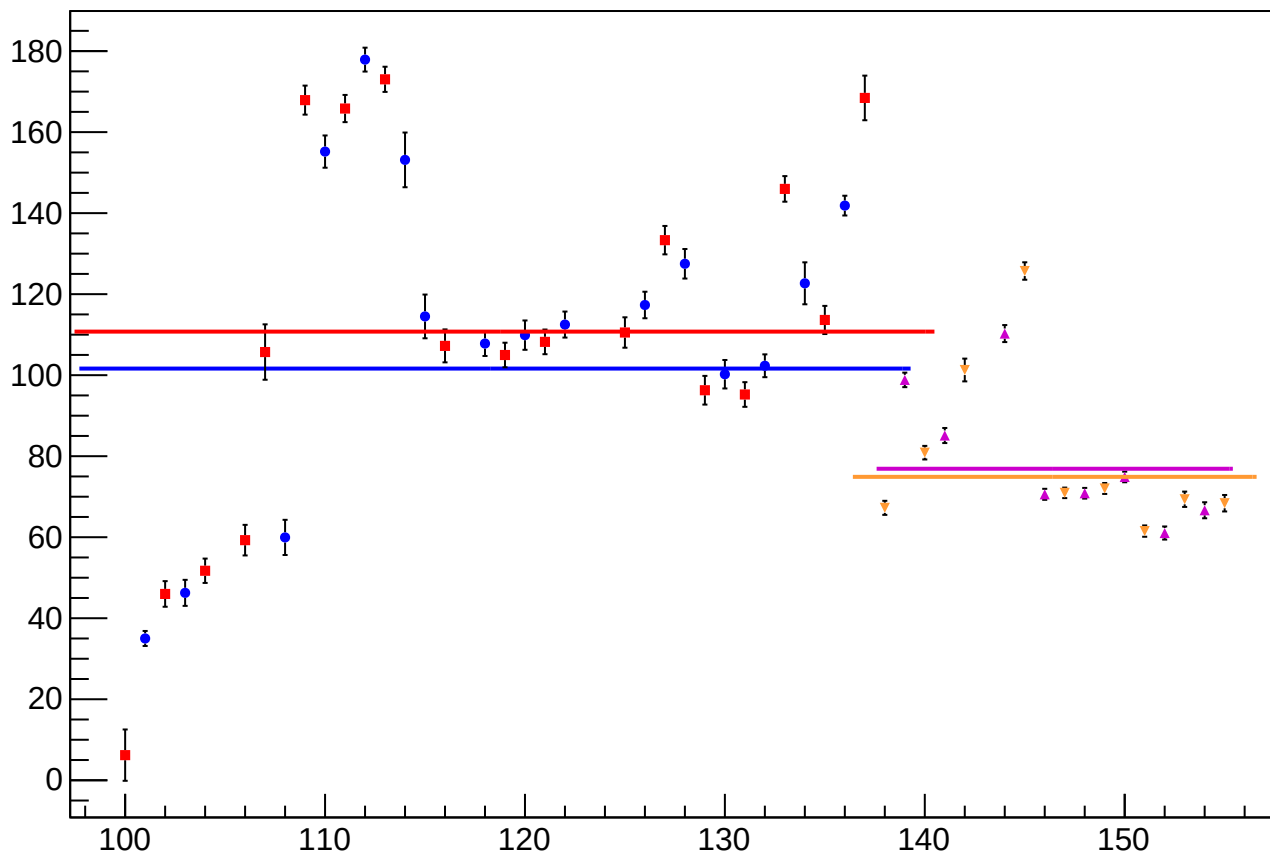
Left In: 4.616 ± 0.375 χ^2/NDF : 140.5/7

+ sign 4.694 ± 0.276 χ^2/NDF : 657.7/24

All: 5.339 ± 0.200 χ^2/NDF : 1253.3/50

- sign 6.049 ± 0.289 χ^2/NDF : 584.1/25

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 74.901 $\pm$ 0.559 χ^2 /NDF:800.8/8

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

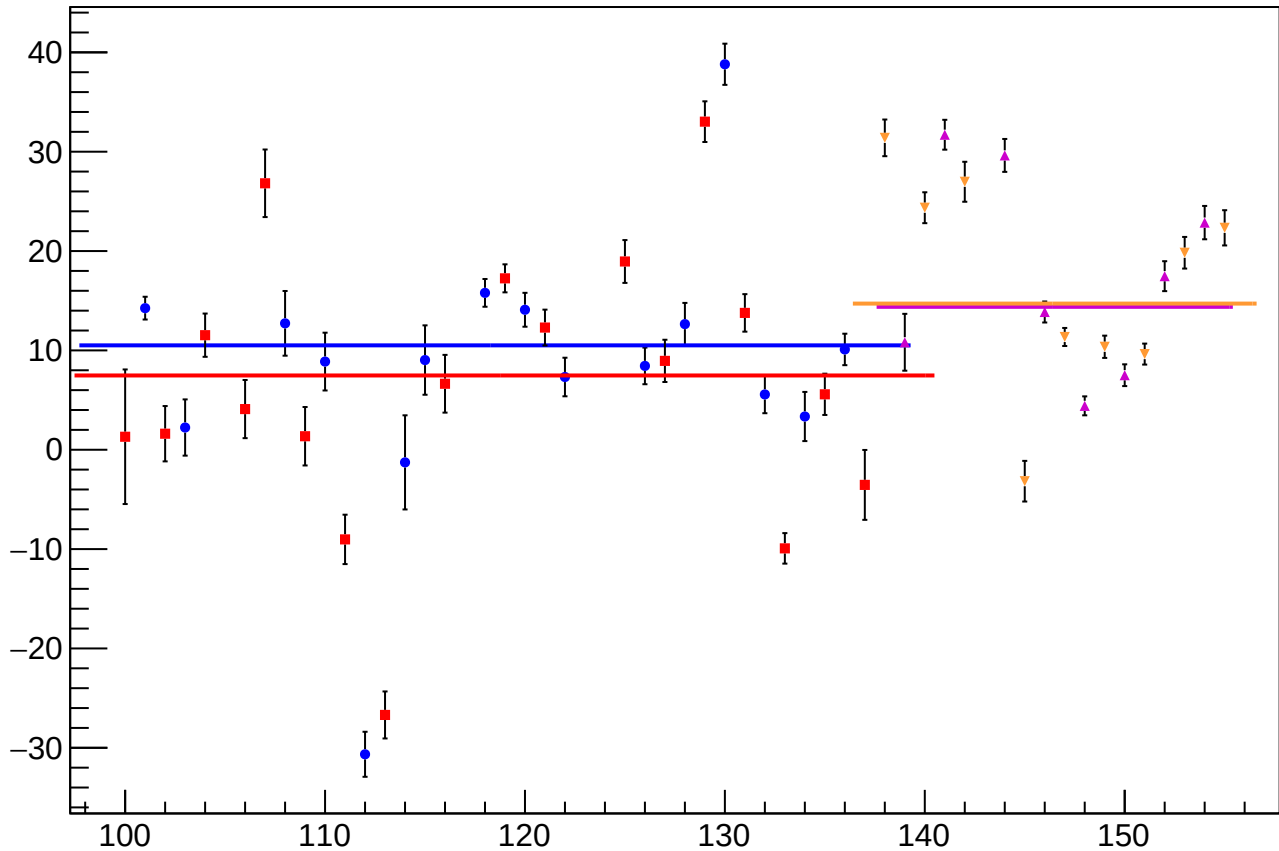
Left In: 76.901 $\pm$ 0.562 χ^2 /NDF:589.7/7

+ sign 83.565 $\pm$ 0.459 χ^2 /NDF: 4521.2/24

All: 85.472 $\pm$ 0.327 χ^2 /NDF: 8787.9/50

- sign 87.438 $\pm$ 0.467 χ^2 /NDF: 4231.7/25

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 14.711 $\pm$ 0.456 χ^2 /NDF: 314.4/8

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

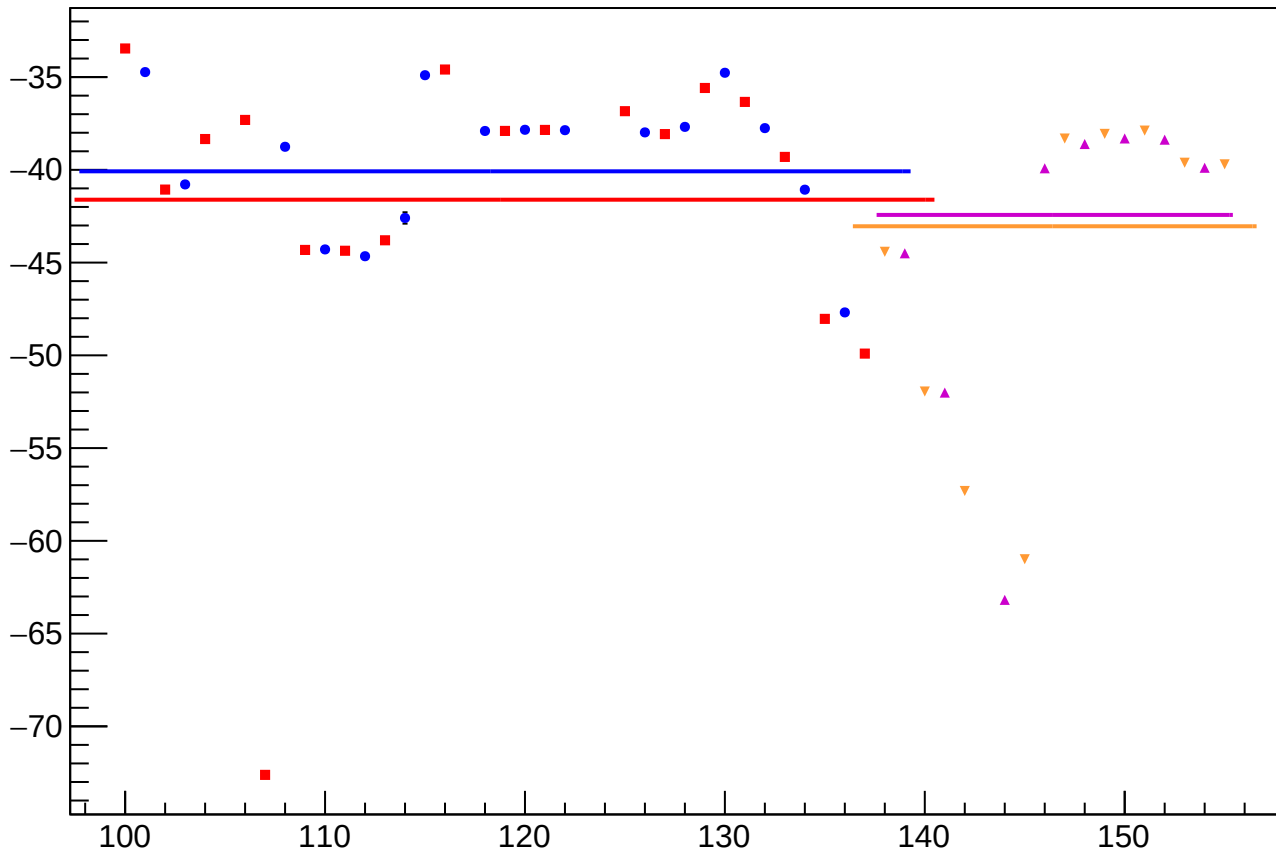
Left In: 14.387 $\pm$ 0.469 χ^2 /NDF: 397.8/7

+ sign 12.769 $\pm$ 0.334 χ^2 /NDF: 935.2/24

All: 12.074 $\pm$ 0.242 χ^2 /NDF: 2127.9/50

- sign 11.316 $\pm$ 0.349 χ^2 /NDF: 1183.7/25

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 χ^2/NDF : 25123.9/15

Left Out: -43.042 ± 0.023 χ^2/NDF : 100604.3/8

Right Out: -41.609 ± 0.029 χ^2/NDF : 61784.6/17

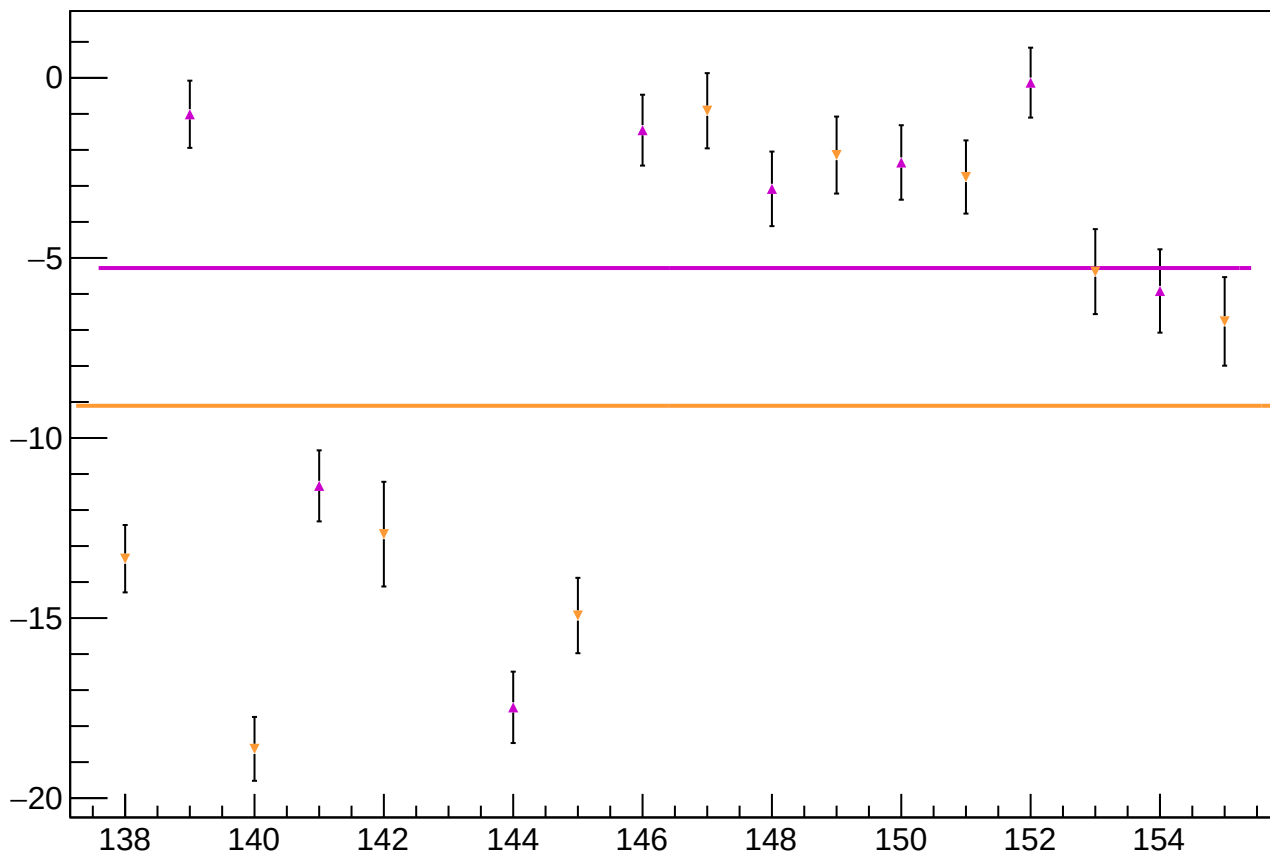
Left In: -42.430 ± 0.023 χ^2/NDF : 84935.1/7

+ sign -41.848 ± 0.018 χ^2/NDF : 132316.8/24

All: -41.977 ± 0.013 χ^2/NDF : 279639.9/50

- sign -42.106 ± 0.018 χ^2/NDF : 147219.2/25

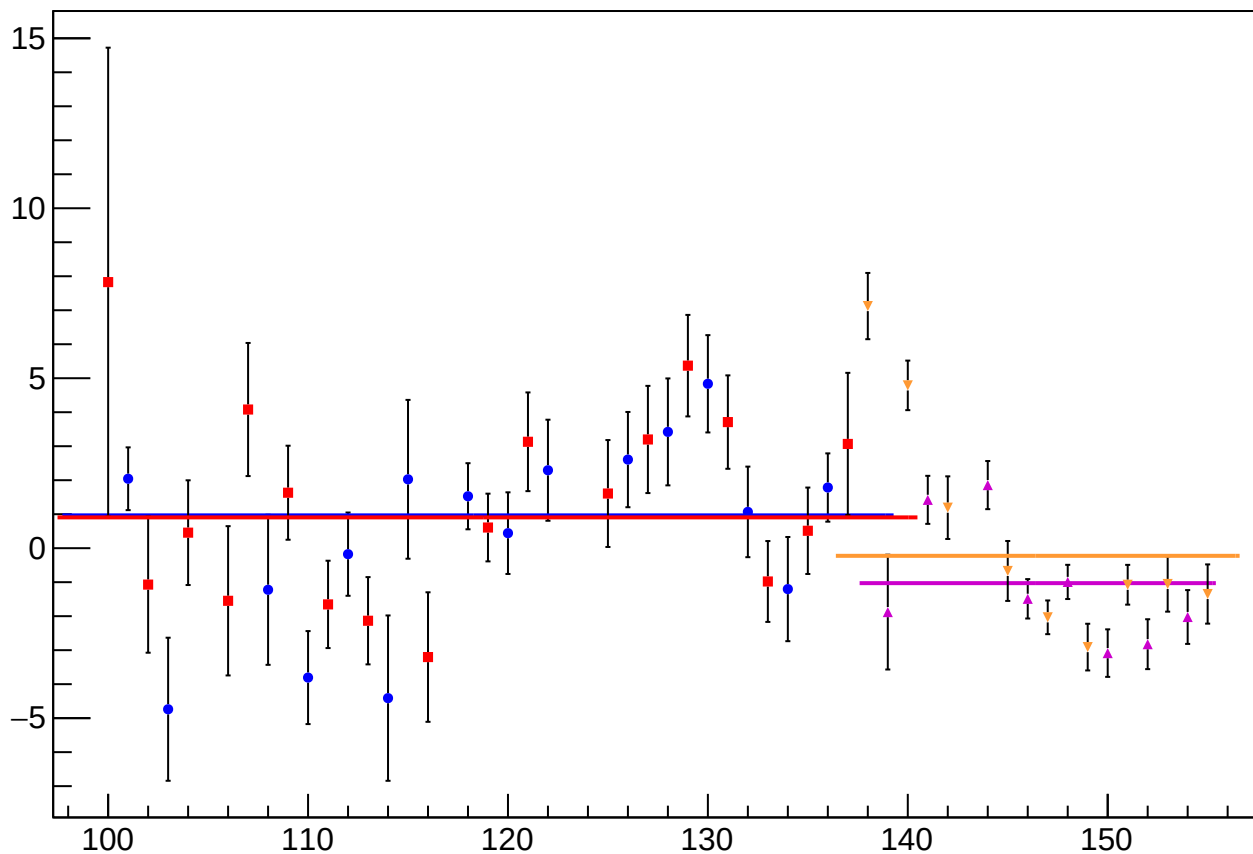
reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.105+/-0.355 χ^2/NDF : 329.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.280+/-0.356 χ^2/NDF : 266.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -7.197+/-0.251 χ^2/NDF : 653.7/16
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.965 ± 0.338 χ^2/NDF : 42.9/15

Left Out: -0.224 ± 0.240 χ^2/NDF : 140.2/8

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

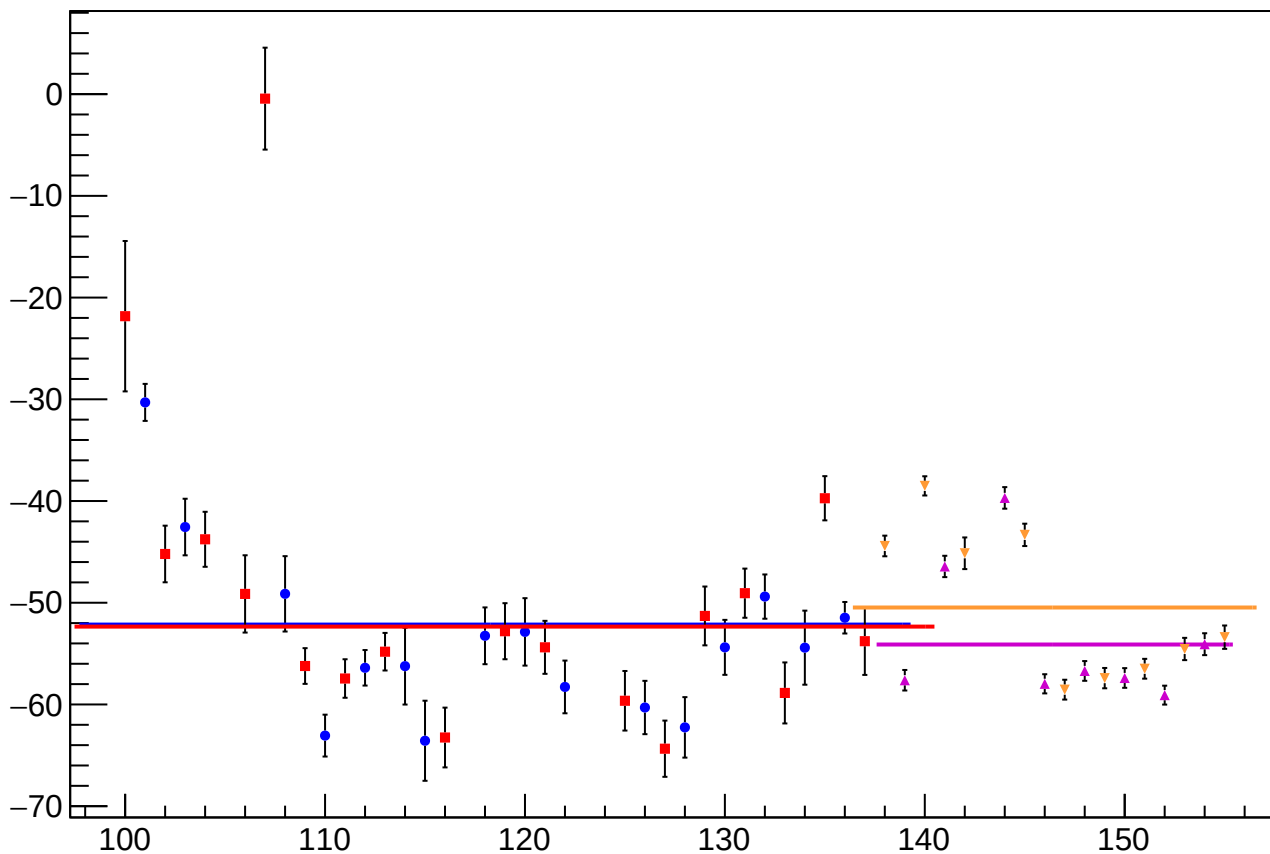
Left In: -1.028 ± 0.244 χ^2/NDF : 45.8/7

+ sign 0.174 ± 0.196 χ^2/NDF : 191.4/24

All: -0.107 ± 0.140 χ^2/NDF : 303.6/50

- sign -0.404 ± 0.201 χ^2/NDF : 108.0/25

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 $\pm$ 0.612 χ^2/NDF : 230.2/15

Left Out: -50.469 $\pm$ 0.353 χ^2/NDF : 425.1/8

Right Out: -52.346 $\pm$ 0.616 χ^2/NDF : 235.7/17

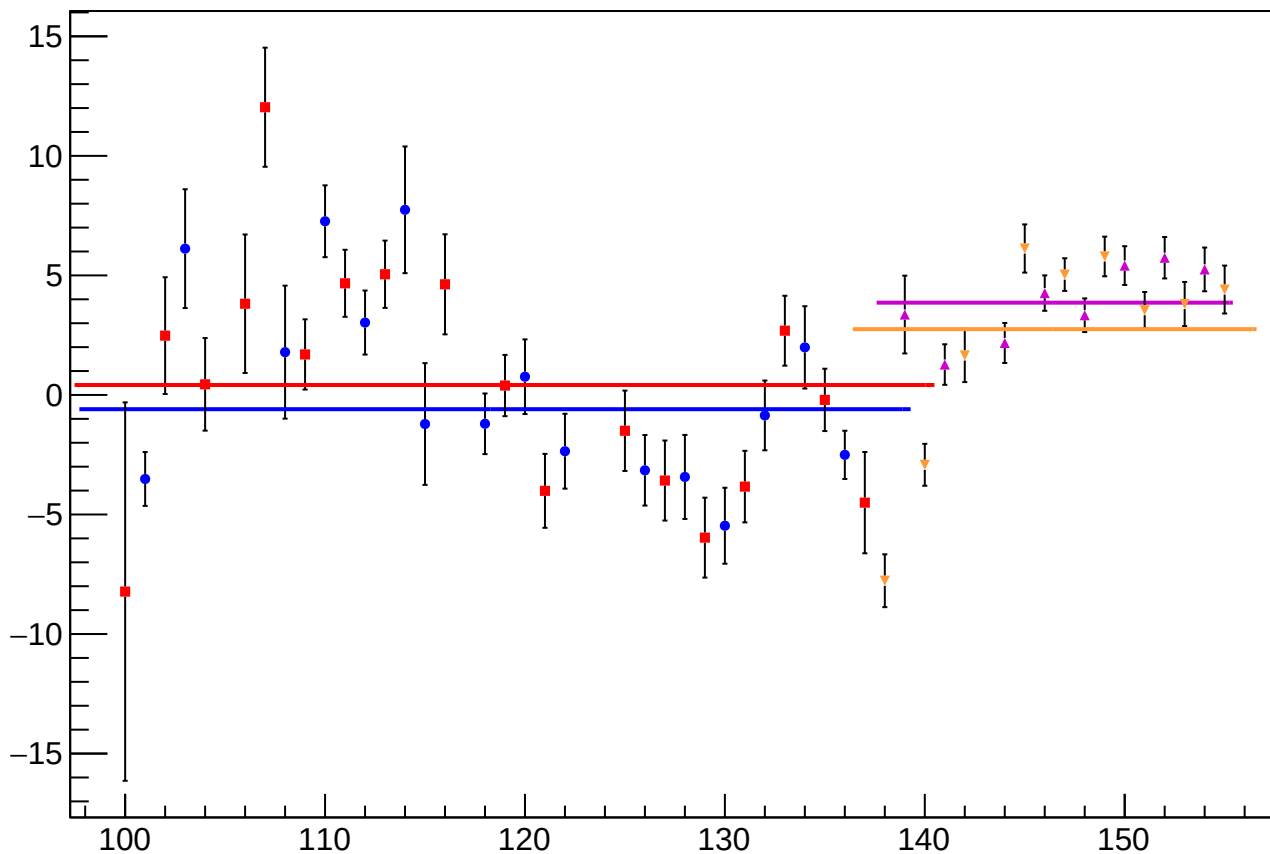
Left In: -54.107 $\pm$ 0.352 χ^2/NDF : 314.6/7

+ sign -50.888 $\pm$ 0.306 χ^2/NDF : 661.0/24

All: -52.280 $\pm$ 0.216 χ^2/NDF : 1259.0/50

- sign -53.673 $\pm$ 0.306 χ^2/NDF : 556.5/25

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596±/0.384 χ^2/NDF : 82.6/15

Left Out: 2.753±/0.296 χ^2/NDF :174.5/8

Right Out: 0.416±/0.400 χ^2/NDF : 95.8/17

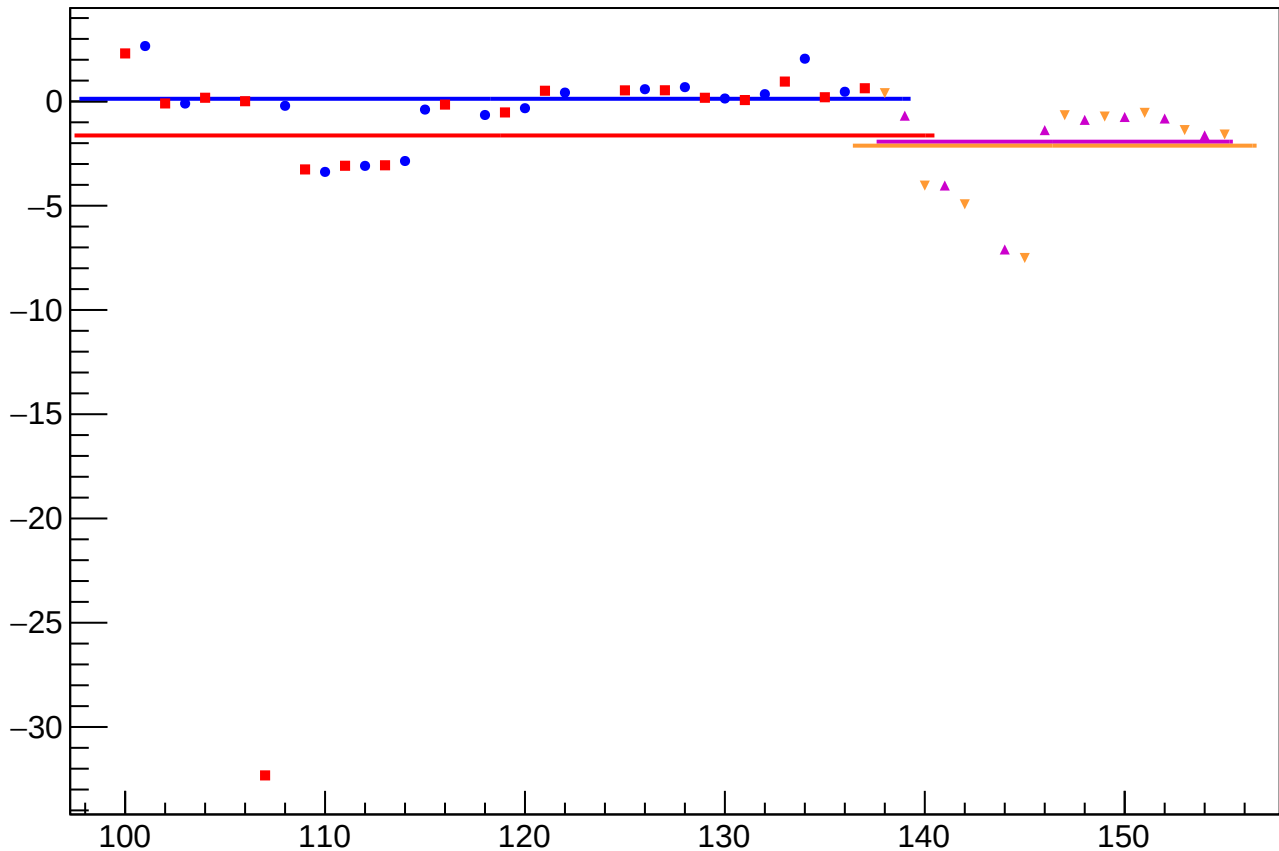
Left In: 3.861±/0.300 χ^2/NDF :25.0/7

+ sign 1.503±/0.234 χ^2/NDF : 304.8/24

All: 2.047±/0.168 χ^2/NDF : 484.1/50

- sign 2.617±/0.240 χ^2/NDF : 168.2/25

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -2.120 ± 0.014 $\chi^2/\text{NDF}: 27776.6/8$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

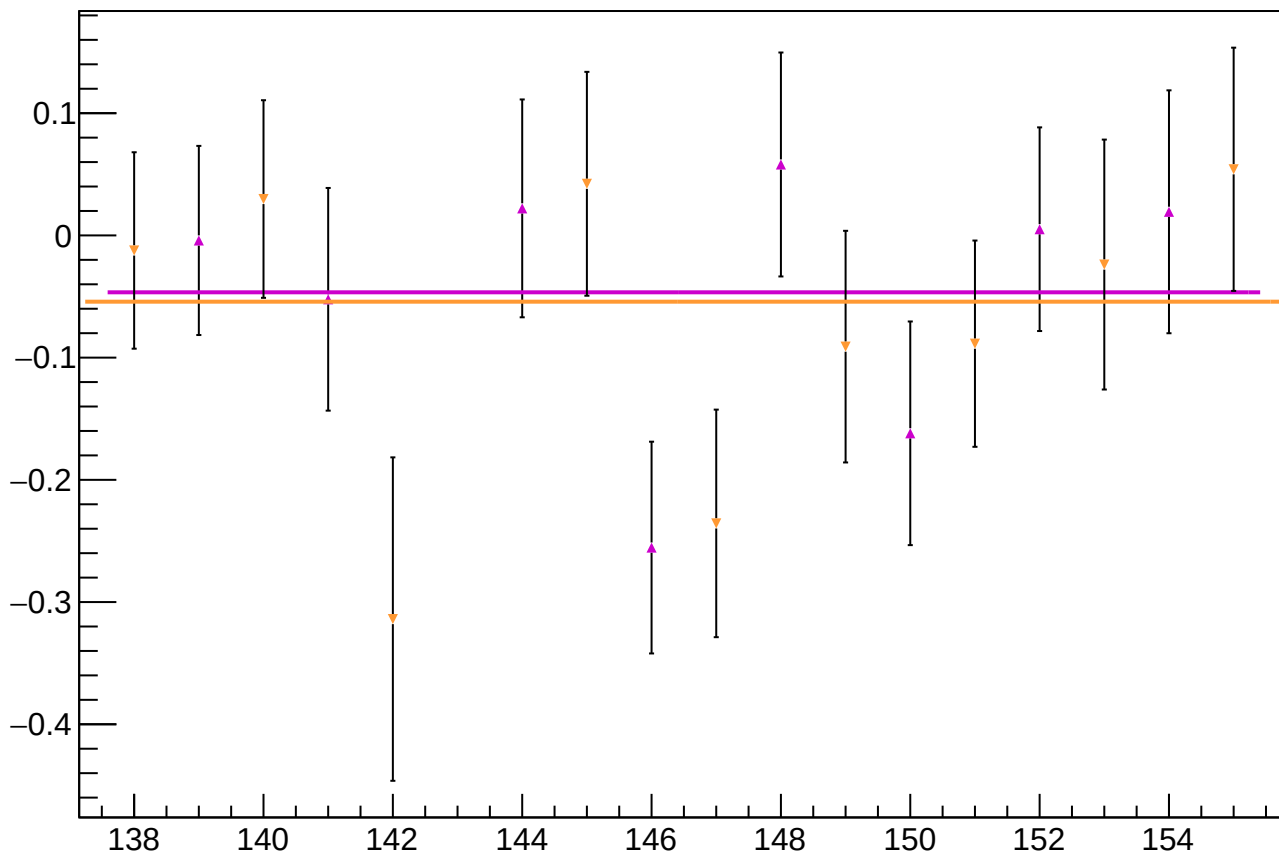
Left In: -1.930 ± 0.014 $\chi^2/\text{NDF}: 18720.0/7$

+ sign -1.430 ± 0.012 $\chi^2/\text{NDF}: 40607.9/24$

All: -1.635 ± 0.008 $\chi^2/\text{NDF}: 137930.8/50$

- sign -1.840 ± 0.012 $\chi^2/\text{NDF}: 96729.8/25$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.054 $\pm$ 0.031 χ^2 /NDF: 11.7/8

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

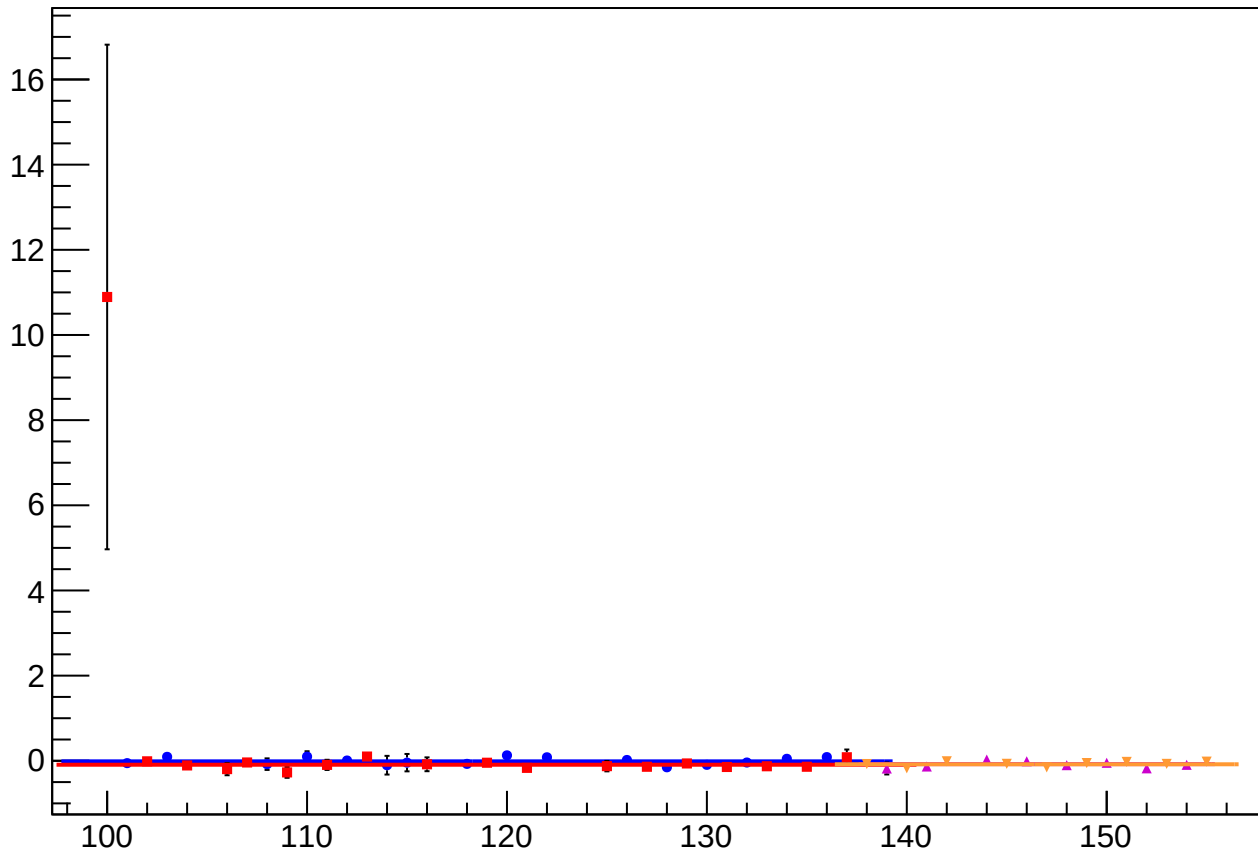
Left In: -0.047 $\pm$ 0.031 χ^2 /NDF: 10.4/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.050 $\pm$ 0.022 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 $\pm$ 0.023 χ^2 /NDF: 12.2/15

Left Out: -0.082 $\pm$ 0.021 χ^2 /NDF: 7.9/8

Right Out: -0.092 $\pm$ 0.025 χ^2 /NDF: 12.7/17

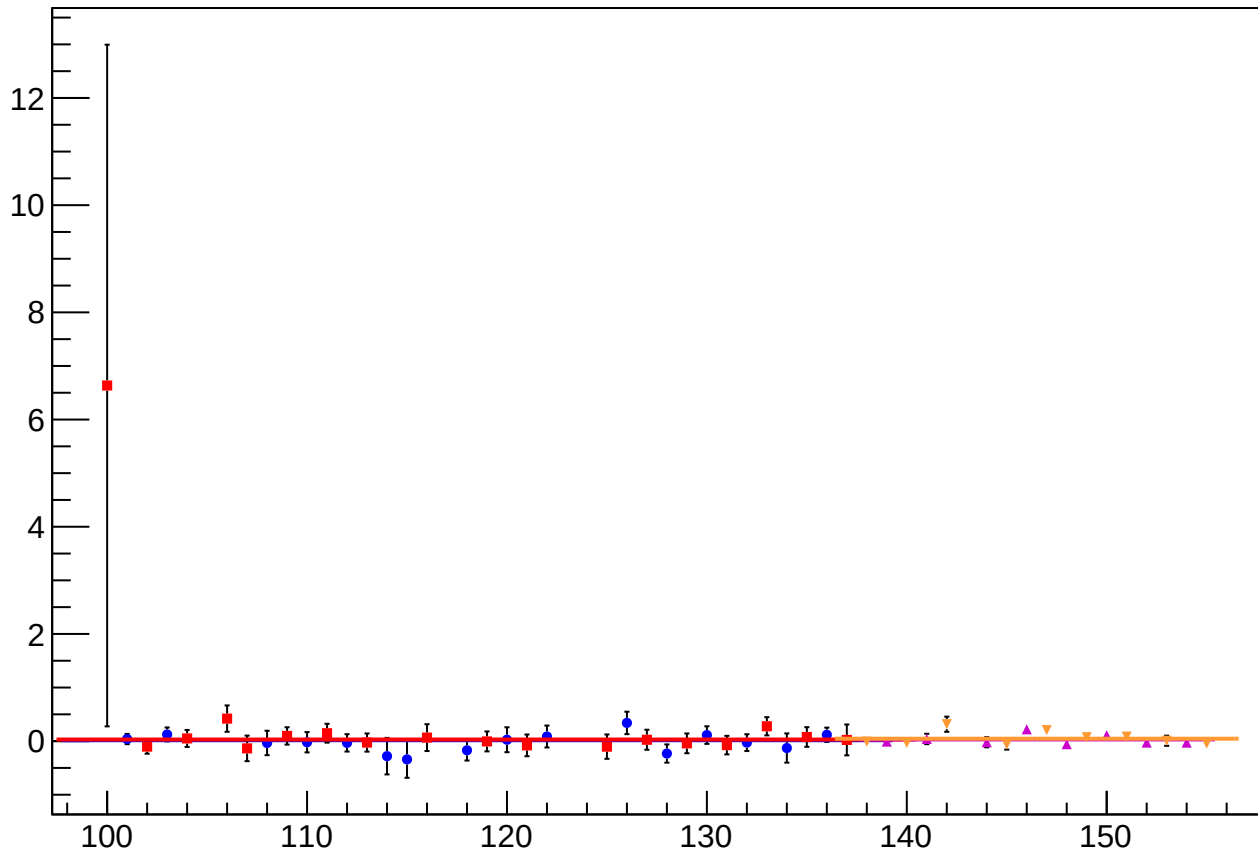
Left In: -0.077 $\pm$ 0.022 χ^2 /NDF: 8.8/7

+ sign -0.051 $\pm$ 0.016 χ^2 /NDF: 25.0/24

All: -0.067 $\pm$ 0.011 χ^2 /NDF: 48.8/50

- sign -0.084 $\pm$ 0.016 χ^2 /NDF: 21.7/25

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 9.6/15

Left Out: 0.045 ± 0.031 χ^2/NDF : 10.9/8

Right Out: 0.030 ± 0.045 χ^2/NDF : 9.2/17

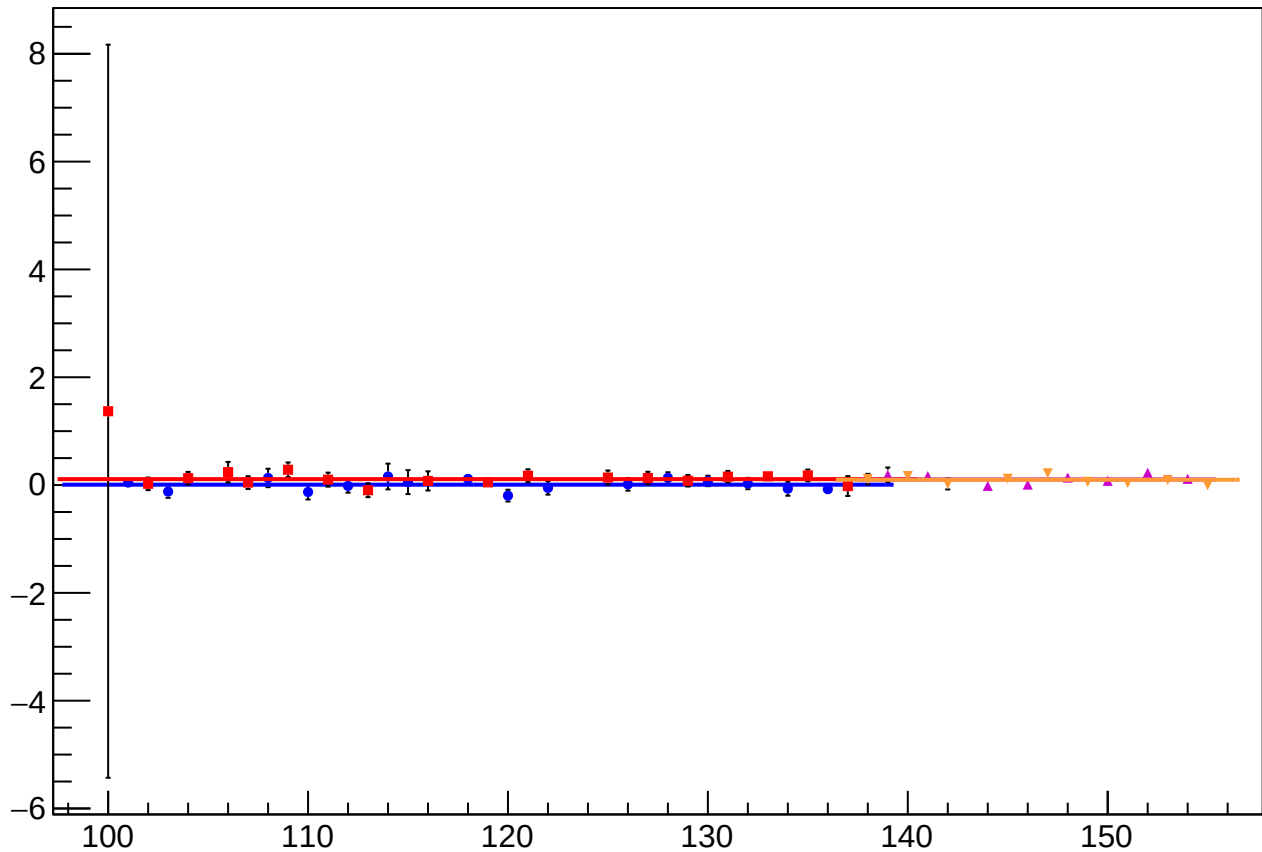
Left In: 0.031 ± 0.031 χ^2/NDF : 8.6/7

+ sign 0.036 ± 0.025 χ^2/NDF : 20.9/24

All: 0.033 ± 0.018 χ^2/NDF : 38.7/50

- sign 0.031 ± 0.025 χ^2/NDF : 17.8/25

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 12.1/15

Left Out: 0.099 $\pm$ 0.026 χ^2 /NDF: 8.1/8

Right Out: 0.110 $\pm$ 0.029 χ^2 /NDF: 8.0/17

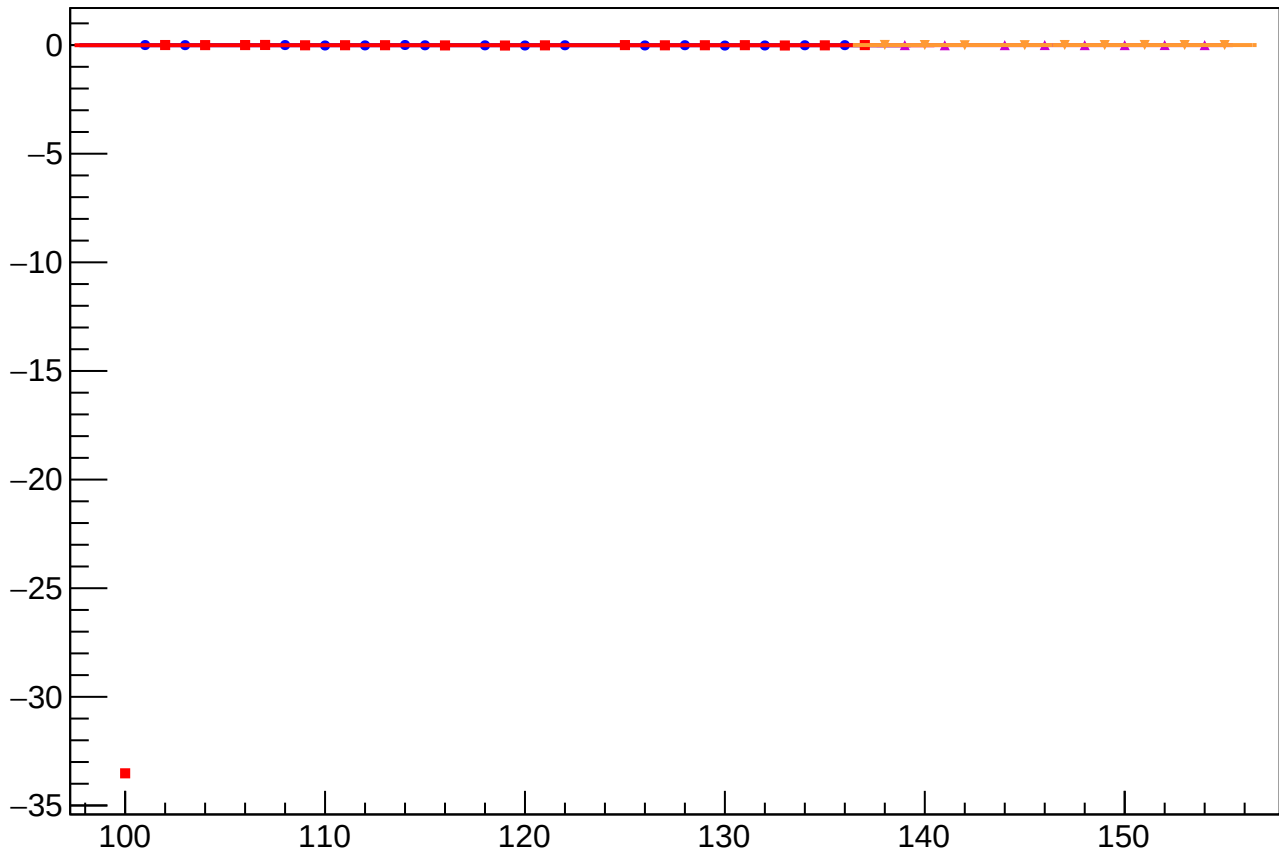
Left In: 0.104 $\pm$ 0.027 χ^2 /NDF: 8.9/7

+ sign 0.055 $\pm$ 0.019 χ^2 /NDF: 26.2/24

All: 0.080 $\pm$ 0.013 χ^2 /NDF: 46.9/50

- sign 0.107 $\pm$ 0.019 χ^2 /NDF: 16.9/25

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 22.6/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 6.7/8

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

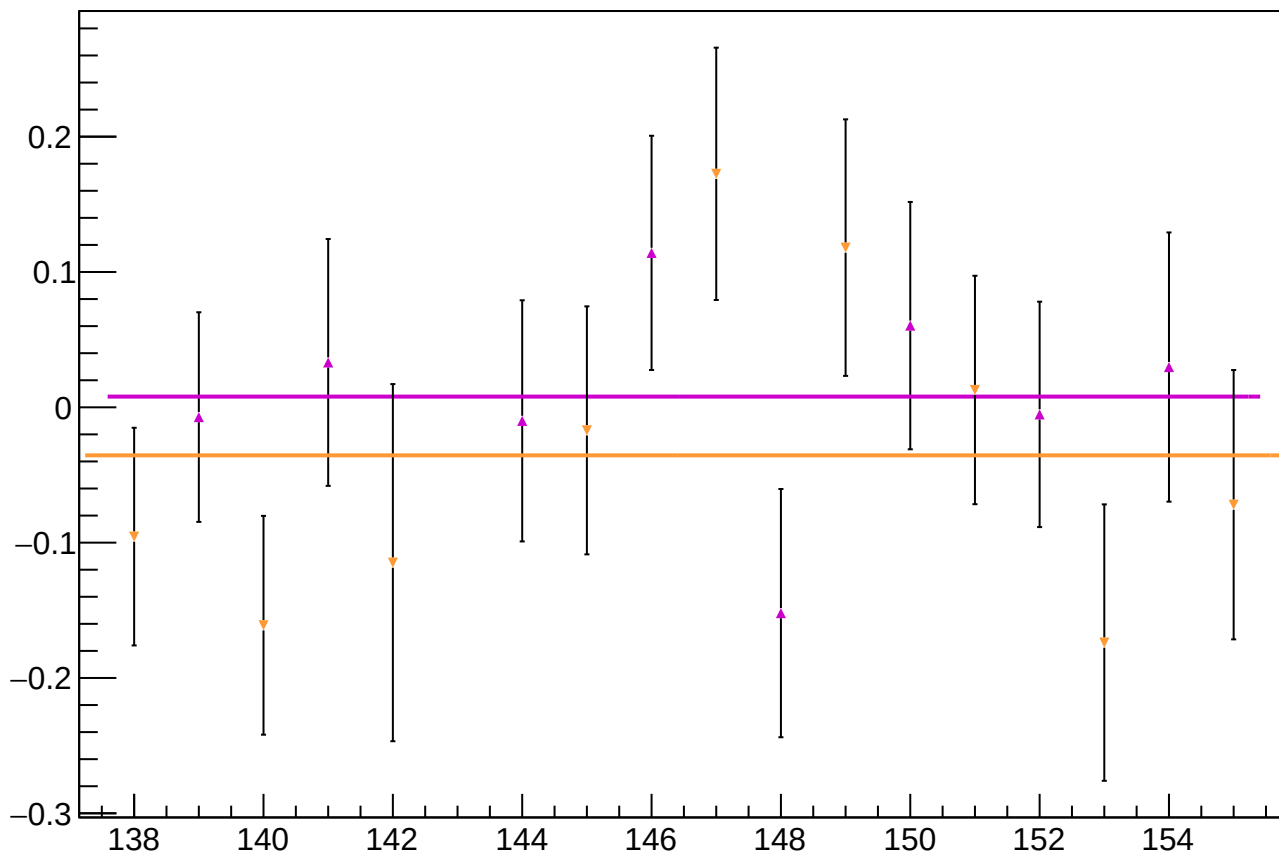
Left In: -0.001 ± 0.001 χ^2/NDF : 4.5/7

+ sign -0.002 ± 0.001 χ^2/NDF : 39.7/24

All: -0.002 ± 0.001 χ^2/NDF : 26560.7/50

- sign -0.003 ± 0.001 χ^2/NDF : 26520.4/25

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.035 ± 0.031 χ^2/NDF : 13.3/8

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

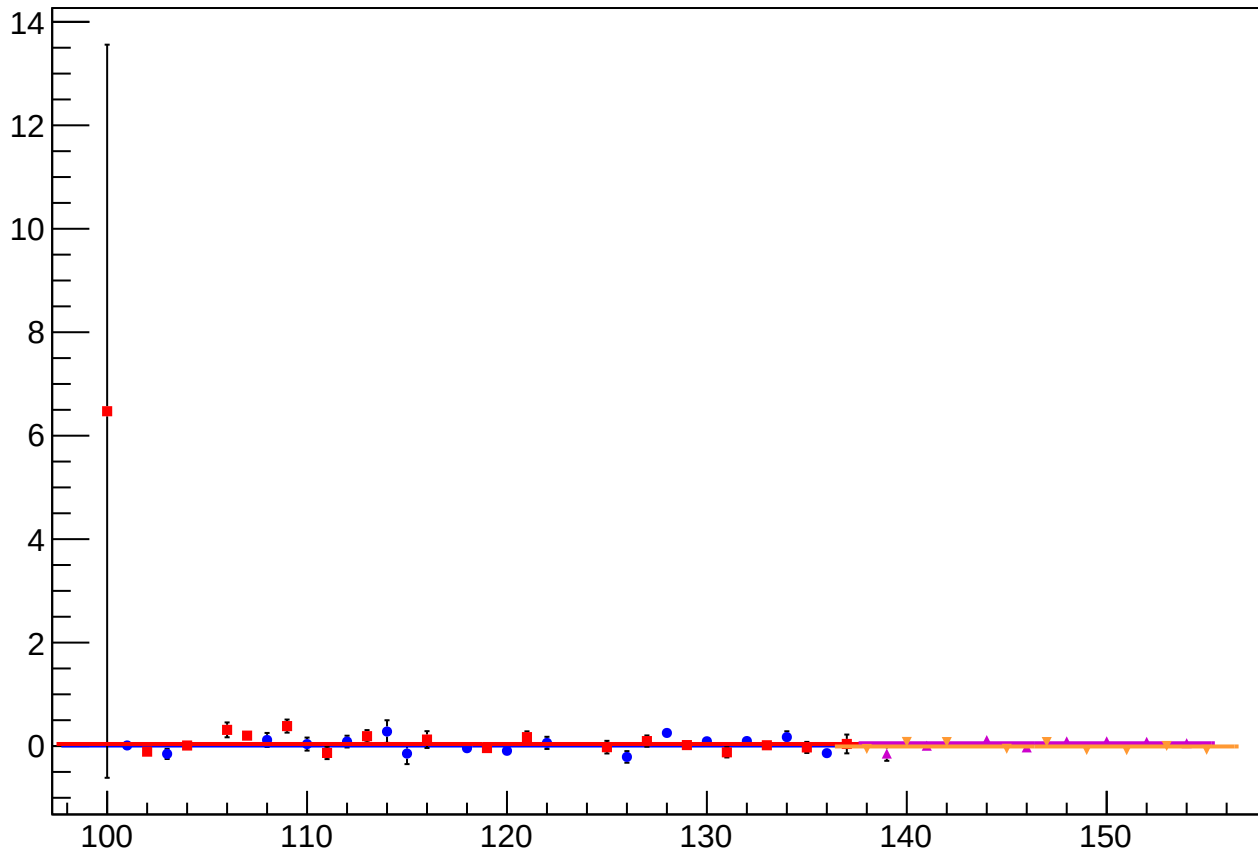
Left In: 0.008 ± 0.031 χ^2/NDF : 5.1/7

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.022 χ^2/NDF : 19.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.010 ± 0.023 χ^2/NDF : 25.4/15

Left Out: -0.008 ± 0.021 χ^2/NDF : 11.5/8

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

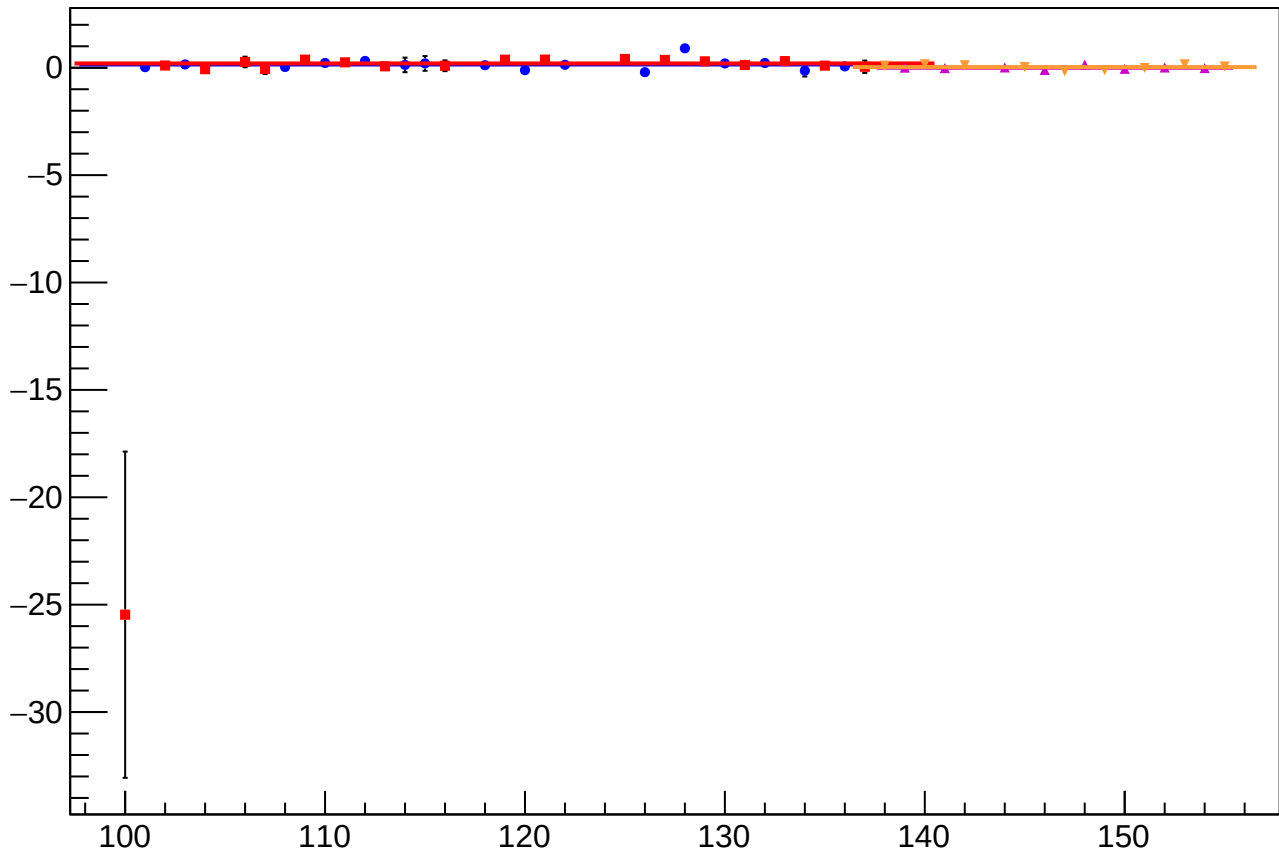
Left In: 0.054 ± 0.022 χ^2/NDF : 7.1/7

+ sign 0.000 ± 0.016 χ^2/NDF : 37.3/24

All: 0.023 ± 0.011 χ^2/NDF : 77.0/50

- sign 0.048 ± 0.016 χ^2/NDF : 35.2/25

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 $\pm$ 0.043 χ^2 /NDF: 28.7/15

Left Out: 0.030 $\pm$ 0.031 χ^2 /NDF: 13.0/8

Right Out: 0.200 $\pm$ 0.045 χ^2 /NDF: 22.9/17

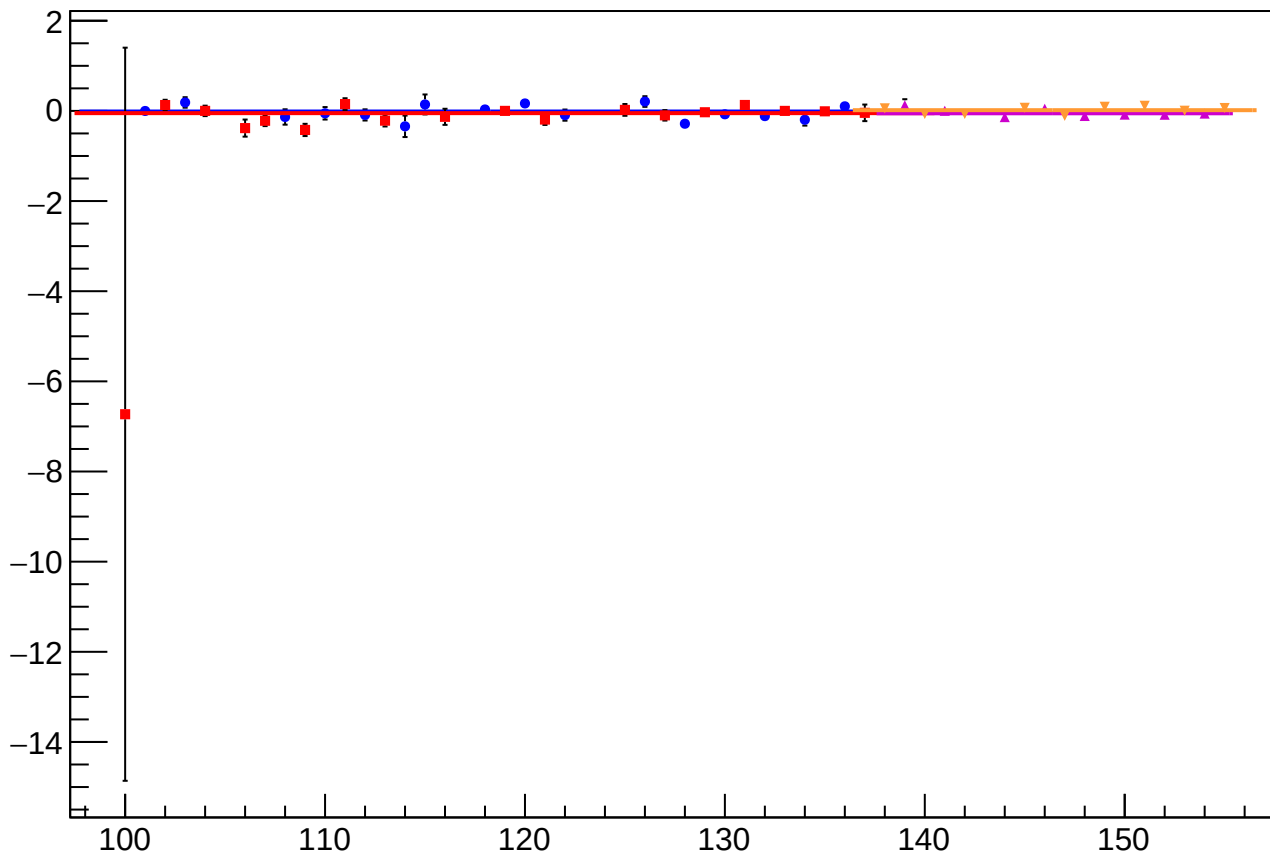
Left In: 0.000 $\pm$ 0.031 χ^2 /NDF: 5.0/7

+ sign 0.071 $\pm$ 0.025 χ^2 /NDF: 47.1/24

All: 0.068 $\pm$ 0.018 χ^2 /NDF: 88.4/50

- sign 0.064 $\pm$ 0.025 χ^2 /NDF: 41.3/25

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: 0.016 ± 0.026 χ^2/NDF : 10.5/8

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

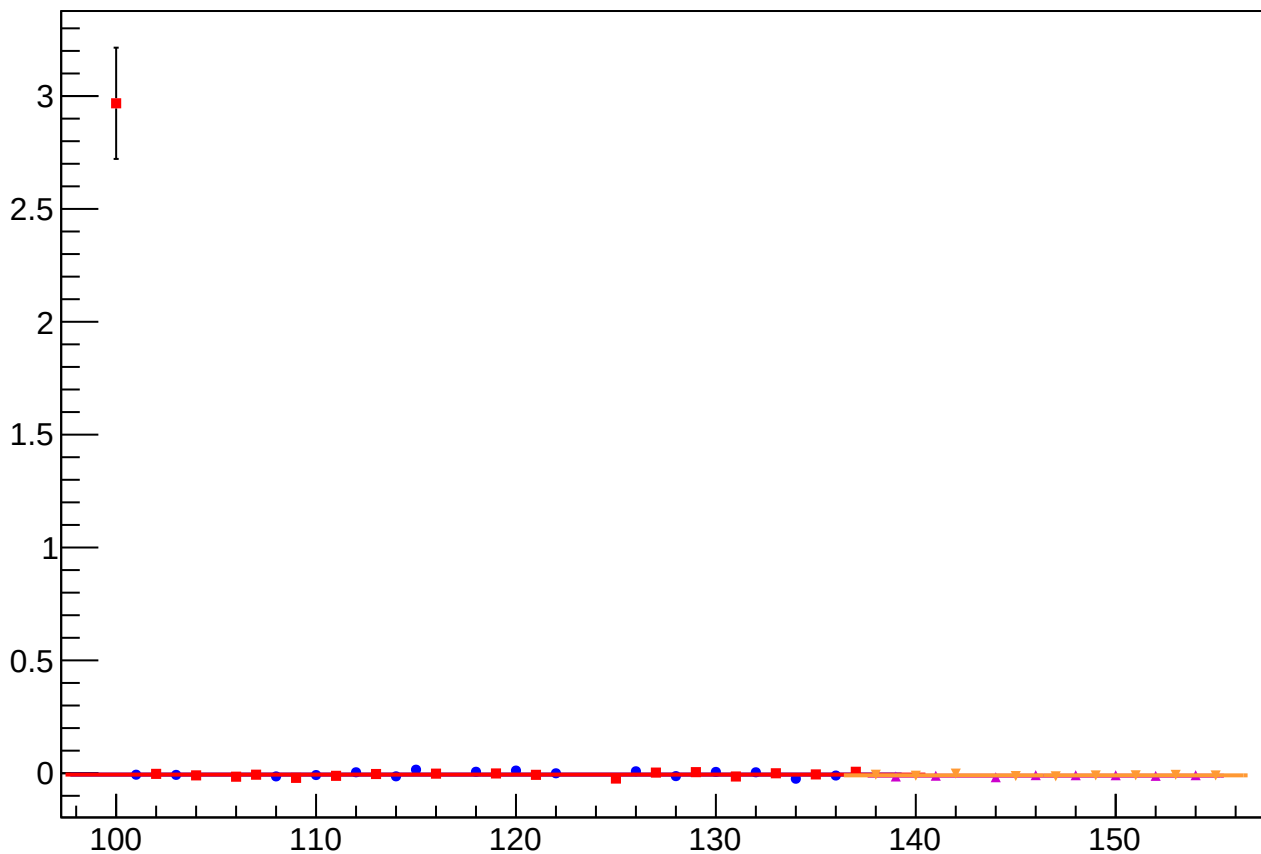
Left In: -0.053 ± 0.027 χ^2/NDF : 7.2/7

+ sign 0.002 ± 0.019 χ^2/NDF : 36.3/24

All: -0.024 ± 0.013 χ^2/NDF : 73.1/50

- sign -0.052 ± 0.019 χ^2/NDF : 32.9/25

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 4.9/8

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

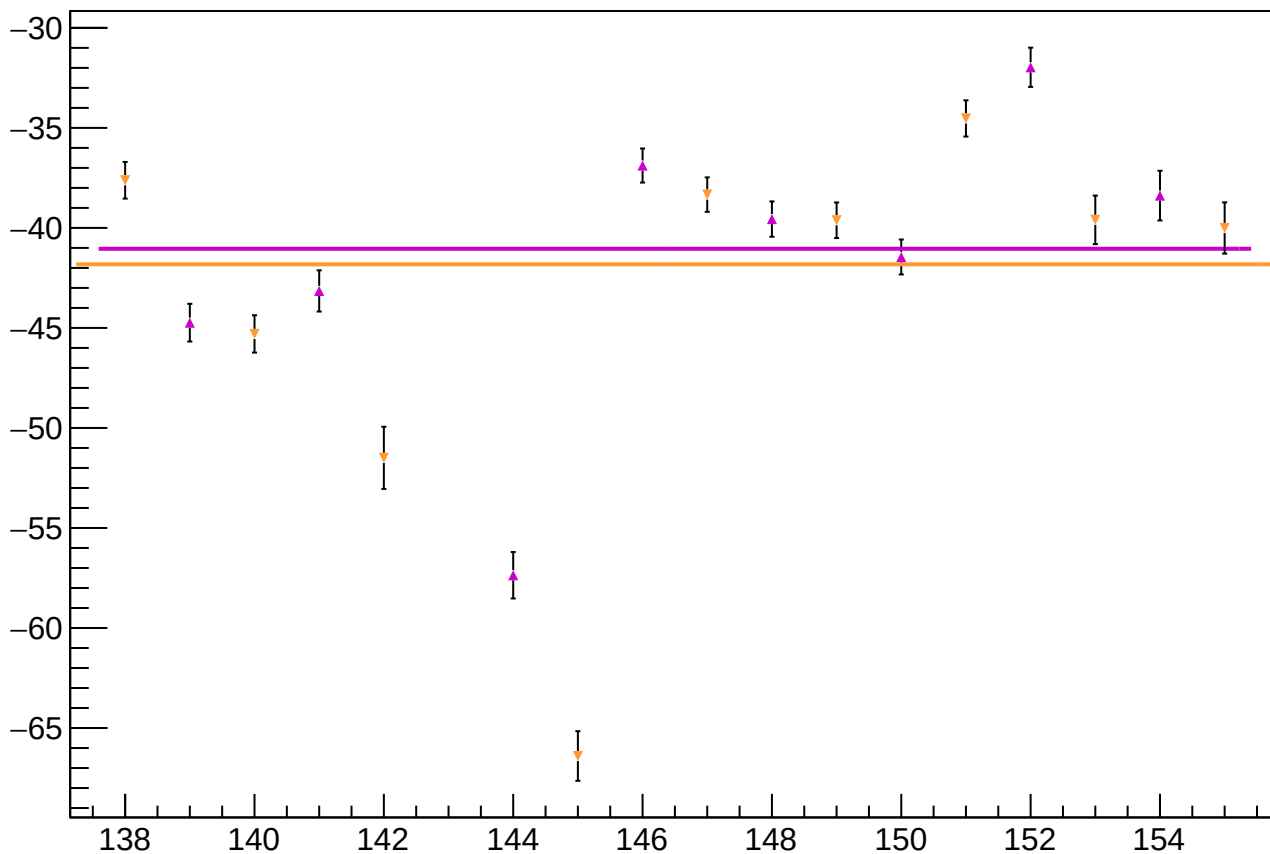
Left In: -0.011 ± 0.001 χ^2/NDF : 5.5/7

+ sign -0.008 ± 0.001 χ^2/NDF : 37.0/24

All: -0.008 ± 0.001 χ^2/NDF : 216.0/50

- sign -0.009 ± 0.001 χ^2/NDF : 178.4/25

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.821+/-0.343 χ^2/NDF : 559.6/8

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

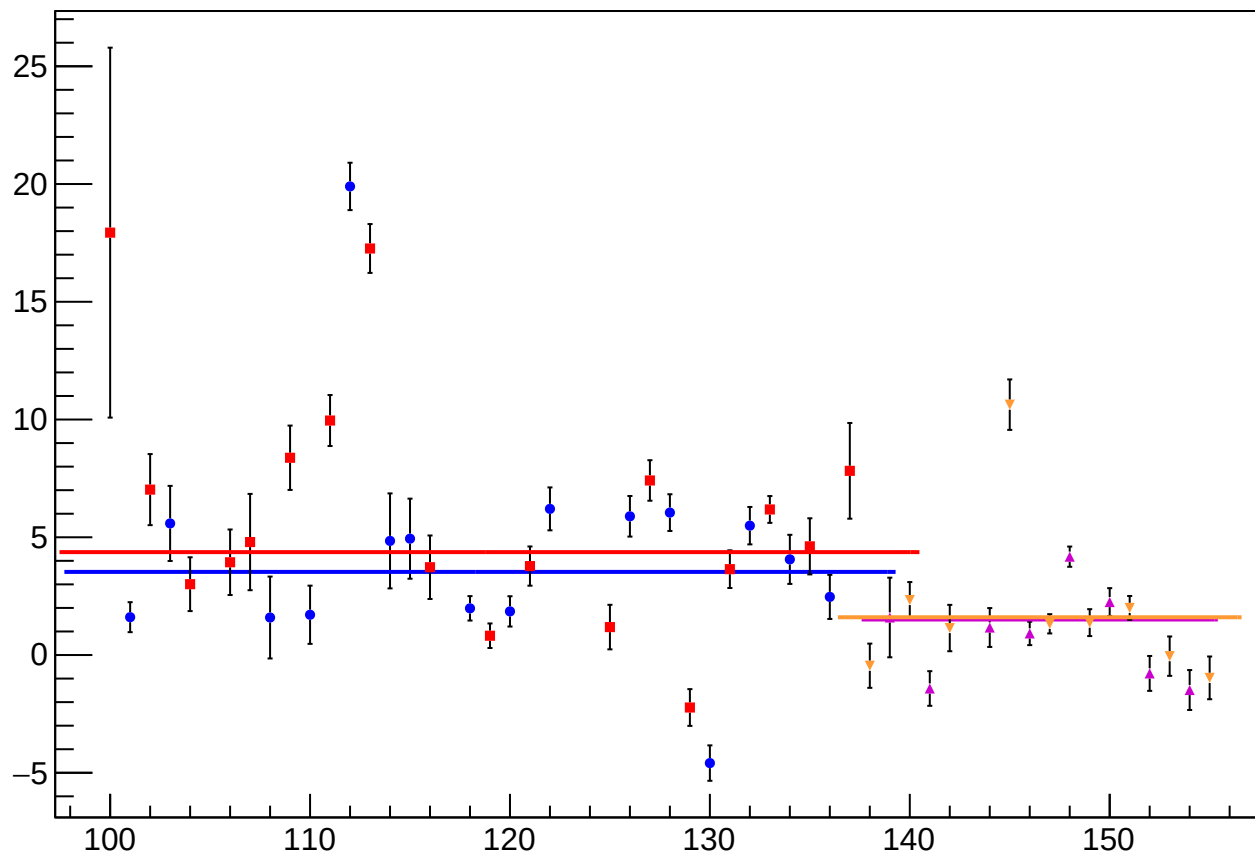
Left In: -41.042+/-0.344 χ^2/NDF : 334.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.433+/-0.243 χ^2/NDF : 896.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 1.604 ± 0.222 $\chi^2/\text{NDF}: 90.1/8$

Right Out: 4.370 ± 0.225 $\chi^2/\text{NDF}: 353.8/17$

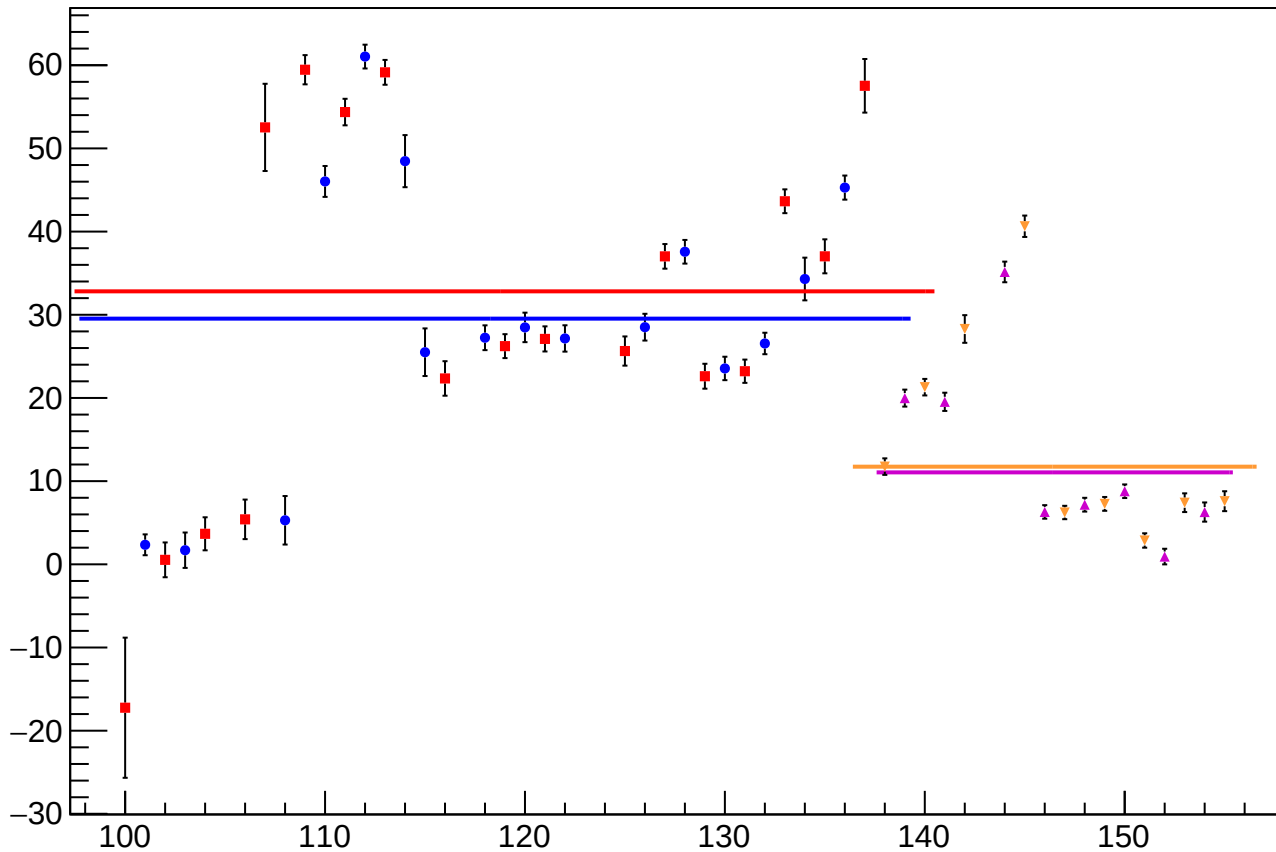
Left In: 1.508 ± 0.228 $\chi^2/\text{NDF}: 79.7/7$

+ sign 2.586 ± 0.155 $\chi^2/\text{NDF}: 575.2/24$

All: 2.765 ± 0.112 $\chi^2/\text{NDF}: 1091.1/50$

- sign 2.956 ± 0.160 $\chi^2/\text{NDF}: 513.2/25$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 $\pm$ 0.417 χ^2 /NDF: 1494.9/15

Left Out: 11.739 $\pm$ 0.337 χ^2 /NDF: 904.2/8

Right Out: 32.816 $\pm$ 0.423 χ^2 /NDF: 1659.3/17

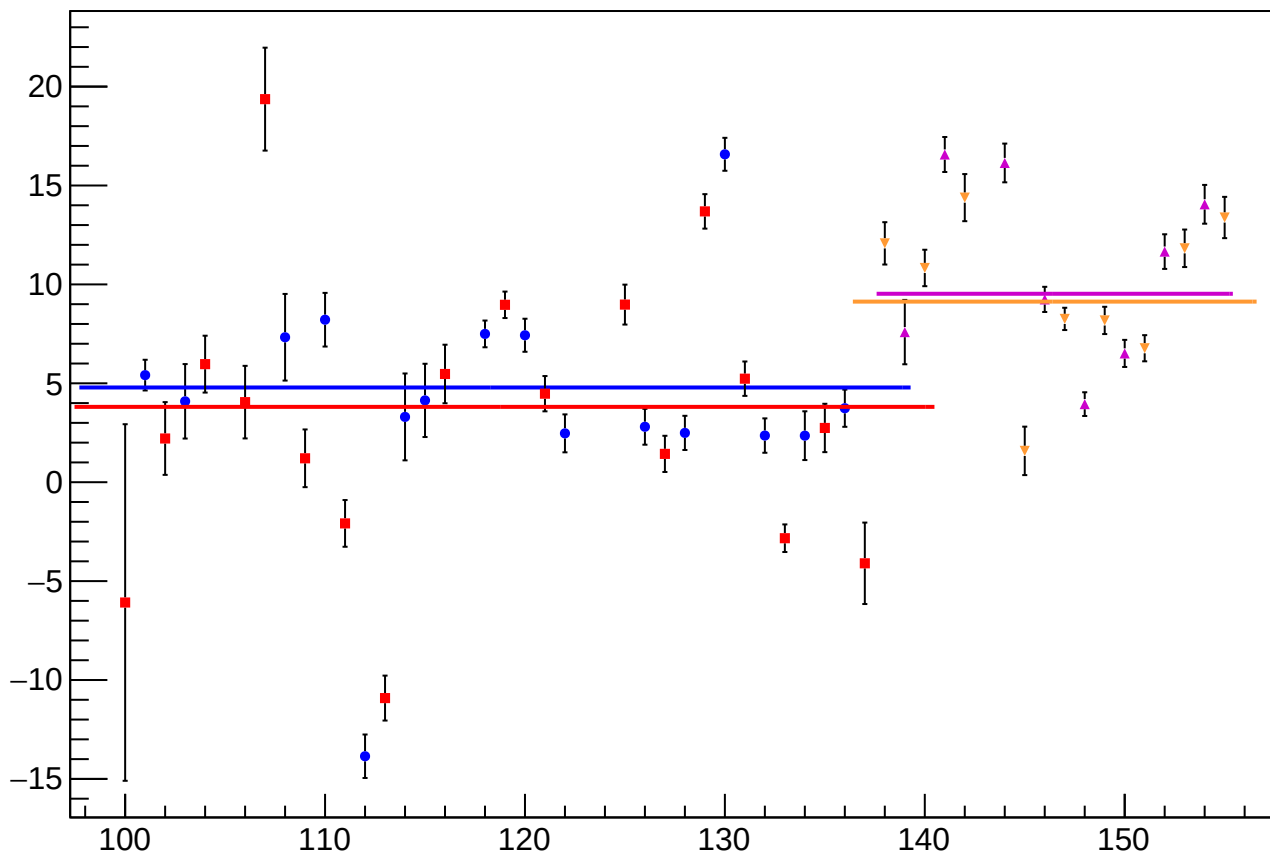
Left In: 11.054 $\pm$ 0.337 χ^2 /NDF: 710.5/7

+ sign 18.775 $\pm$ 0.262 χ^2 /NDF: 3501.6/24

All: 19.144 $\pm$ 0.186 χ^2 /NDF: 7494.0/50

- sign 19.517 $\pm$ 0.264 χ^2 /NDF: 3988.4/25

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 9.130 ± 0.277 χ^2/NDF : 110.1/8

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

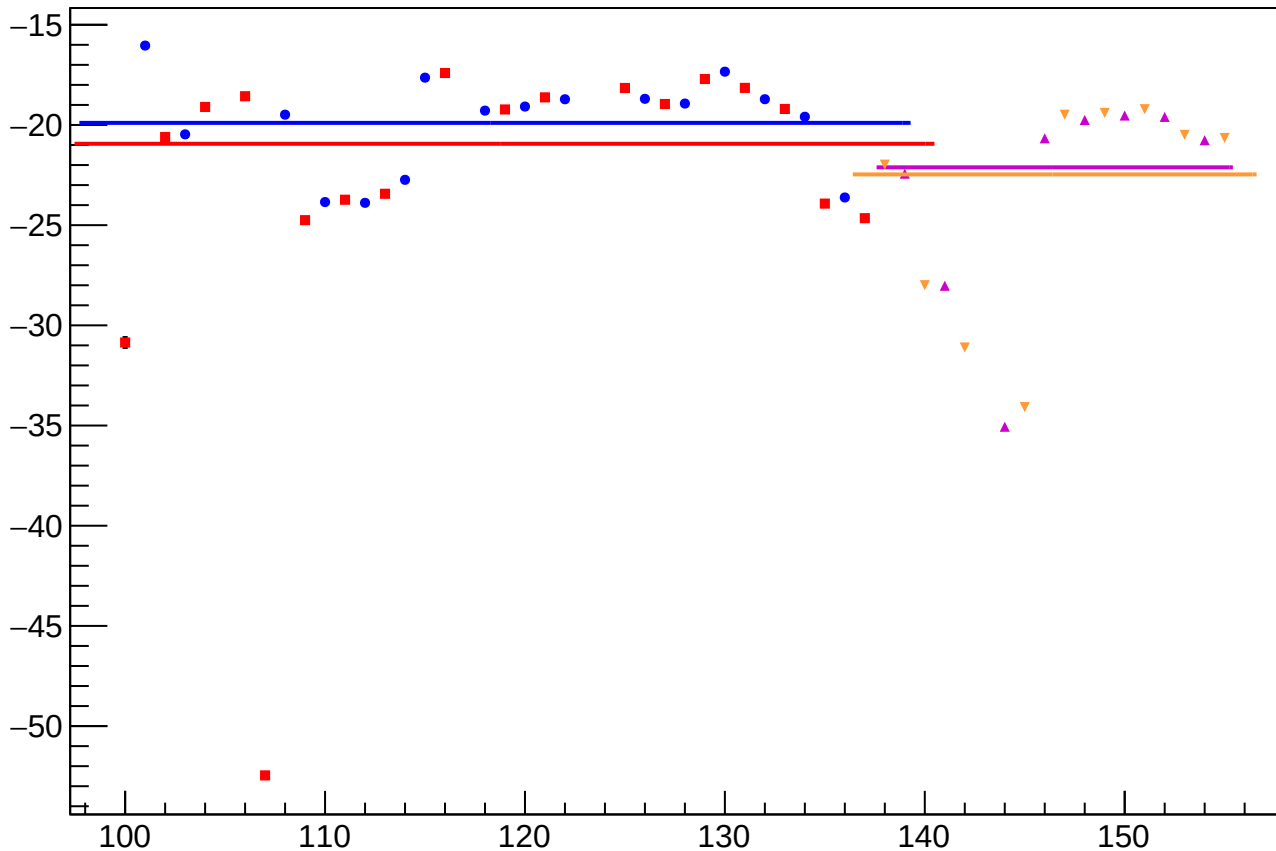
Left In: 9.527 ± 0.284 χ^2/NDF : 243.8/7

+ sign 6.745 ± 0.186 χ^2/NDF : 798.7/24

All: 6.581 ± 0.133 χ^2/NDF : 1833.3/50

- sign 6.407 ± 0.191 χ^2/NDF : 1033.0/25

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 $\chi^2/\text{NDF}: 26073.6/15$

Left Out: -22.468 ± 0.014 $\chi^2/\text{NDF}: 110414.1/8$

Right Out: -20.938 ± 0.016 $\chi^2/\text{NDF}: 94065.2/17$

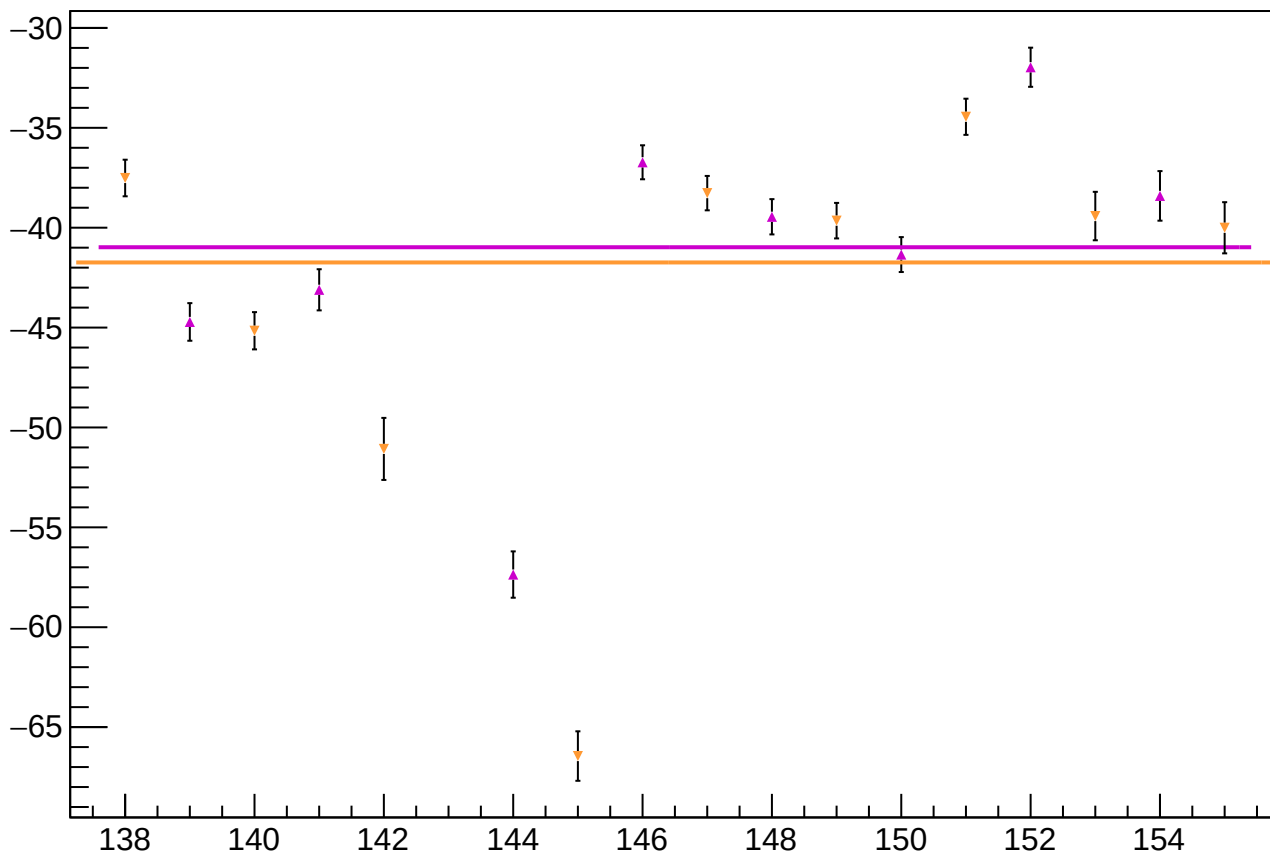
Left In: -22.115 ± 0.014 $\chi^2/\text{NDF}: 91415.6/7$

+ sign -21.326 ± 0.010 $\chi^2/\text{NDF}: 151676.5/24$

All: -21.465 ± 0.007 $\chi^2/\text{NDF}: 340680.2/50$

- sign -21.603 ± 0.010 $\chi^2/\text{NDF}: 188647.4/25$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -41.740+/-0.342 χ^2/NDF : 561.0/8

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

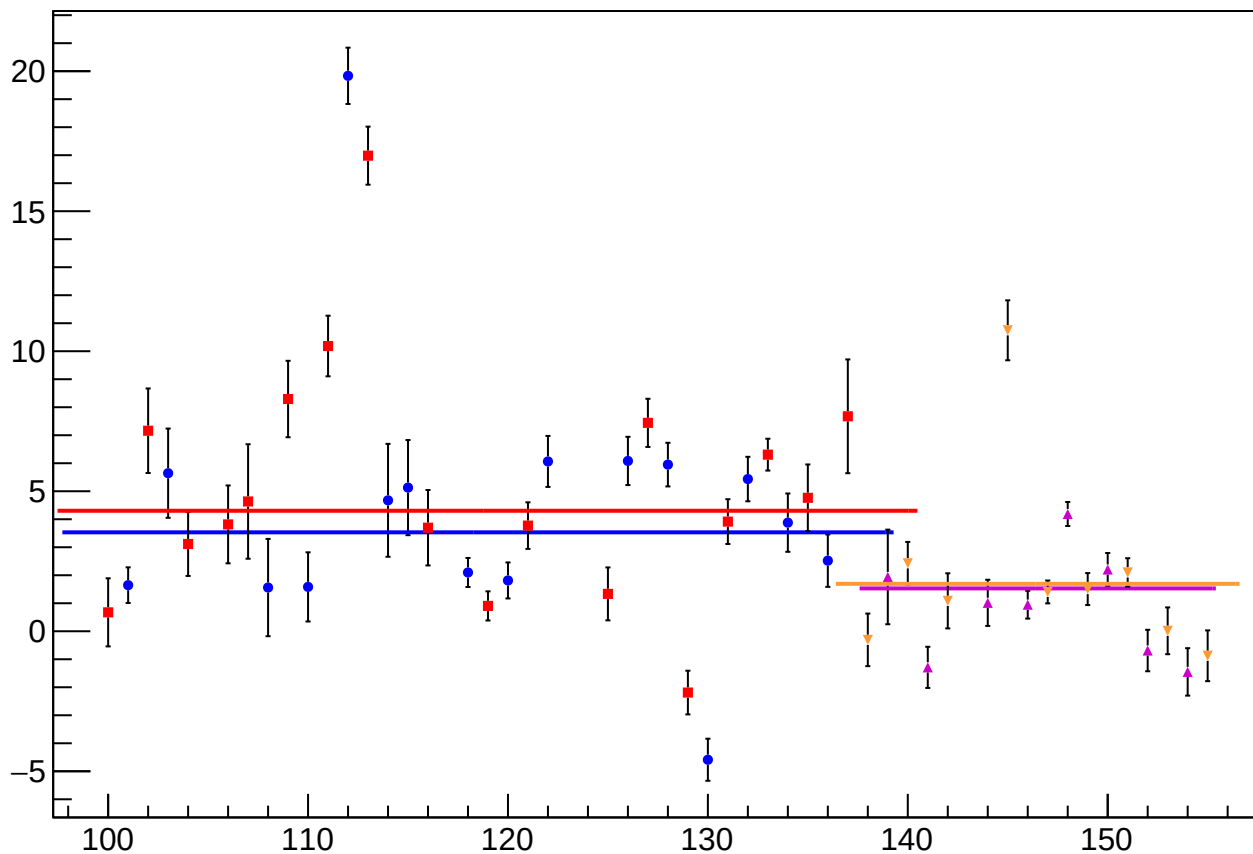
Left In: -40.978+/-0.343 χ^2/NDF : 336.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.360+/-0.242 χ^2/NDF : 900.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.532 ± 0.217 $\chi^2/\text{NDF}: 443.2/15$

Left Out: 1.694 ± 0.222 $\chi^2/\text{NDF}: 90.7/8$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

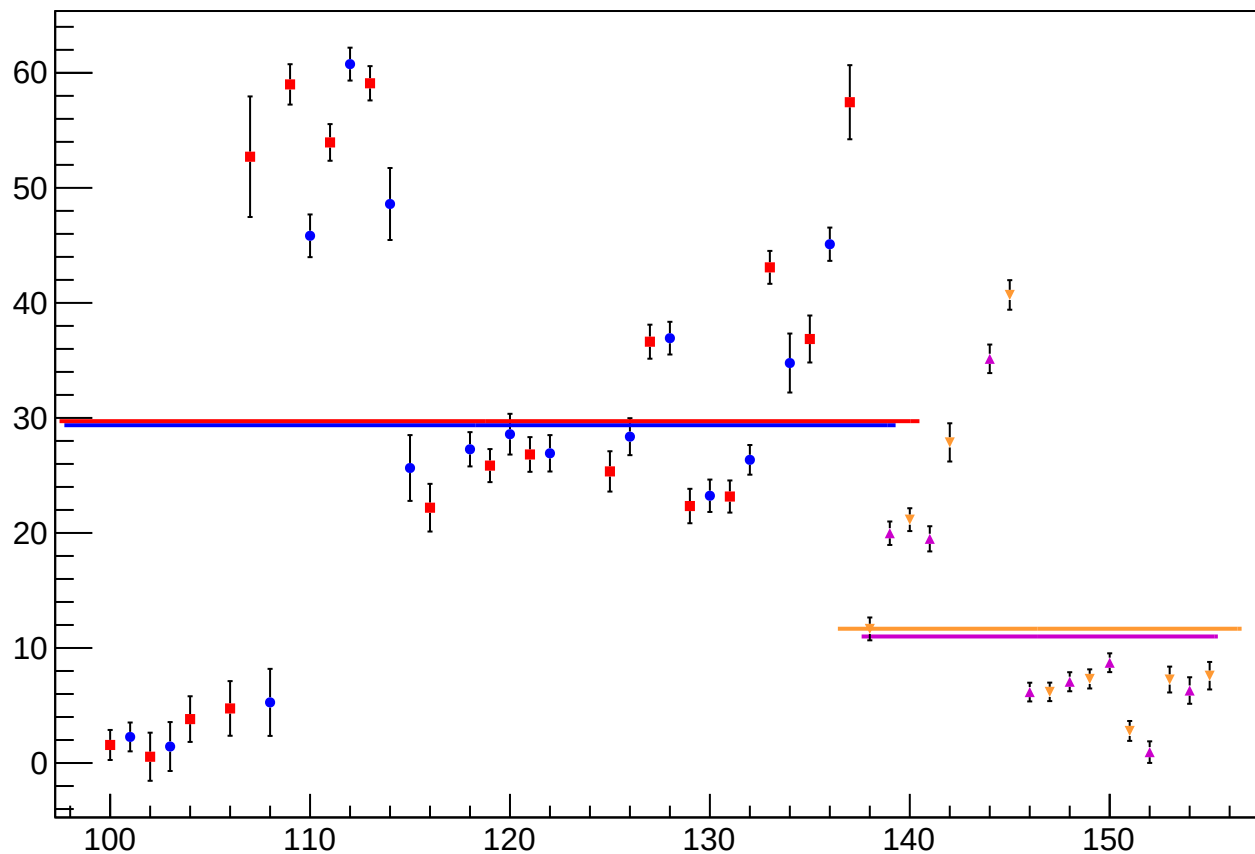
Left In: 1.530 ± 0.228 $\chi^2/\text{NDF}: 77.6/7$

+ sign 2.632 ± 0.155 $\chi^2/\text{NDF}: 569.0/24$

All: 2.790 ± 0.111 $\chi^2/\text{NDF}: 1077.7/50$

- sign 2.956 ± 0.159 $\chi^2/\text{NDF}: 506.6/25$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2/NDF : 1488.7/15

Left Out: 11.674 $\pm$ 0.337 χ^2/NDF : 902.6/8

Right Out: 29.719 $\pm$ 0.402 χ^2/NDF : 2129.5/17

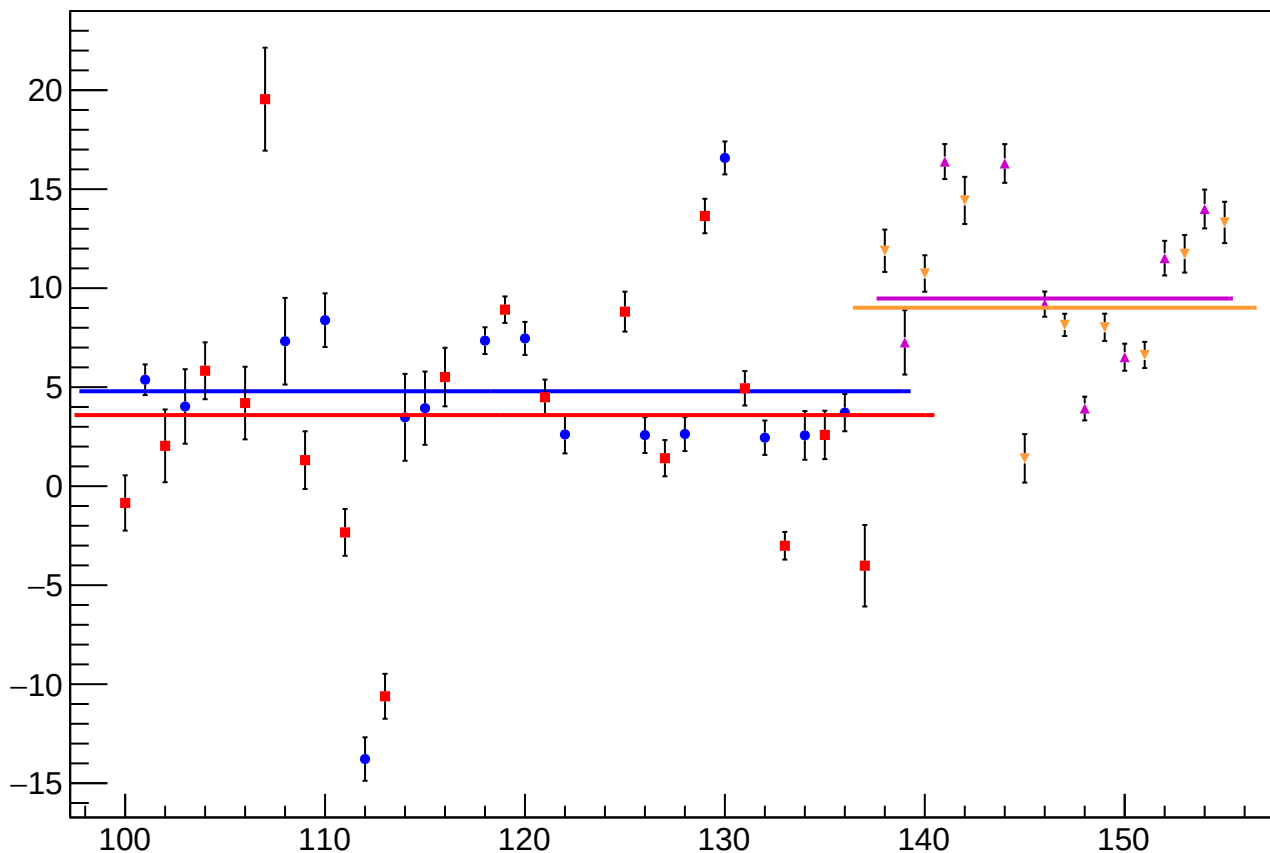
Left In: 10.999 $\pm$ 0.337 χ^2/NDF : 713.4/7

+ sign 18.669 $\pm$ 0.262 χ^2/NDF : 3482.6/24

All: 18.694 $\pm$ 0.184 χ^2/NDF : 7596.9/50

- sign 18.718 $\pm$ 0.258 χ^2/NDF : 4114.3/25

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 9.013 ± 0.277 $\chi^2/\text{NDF}: 112.9/8$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

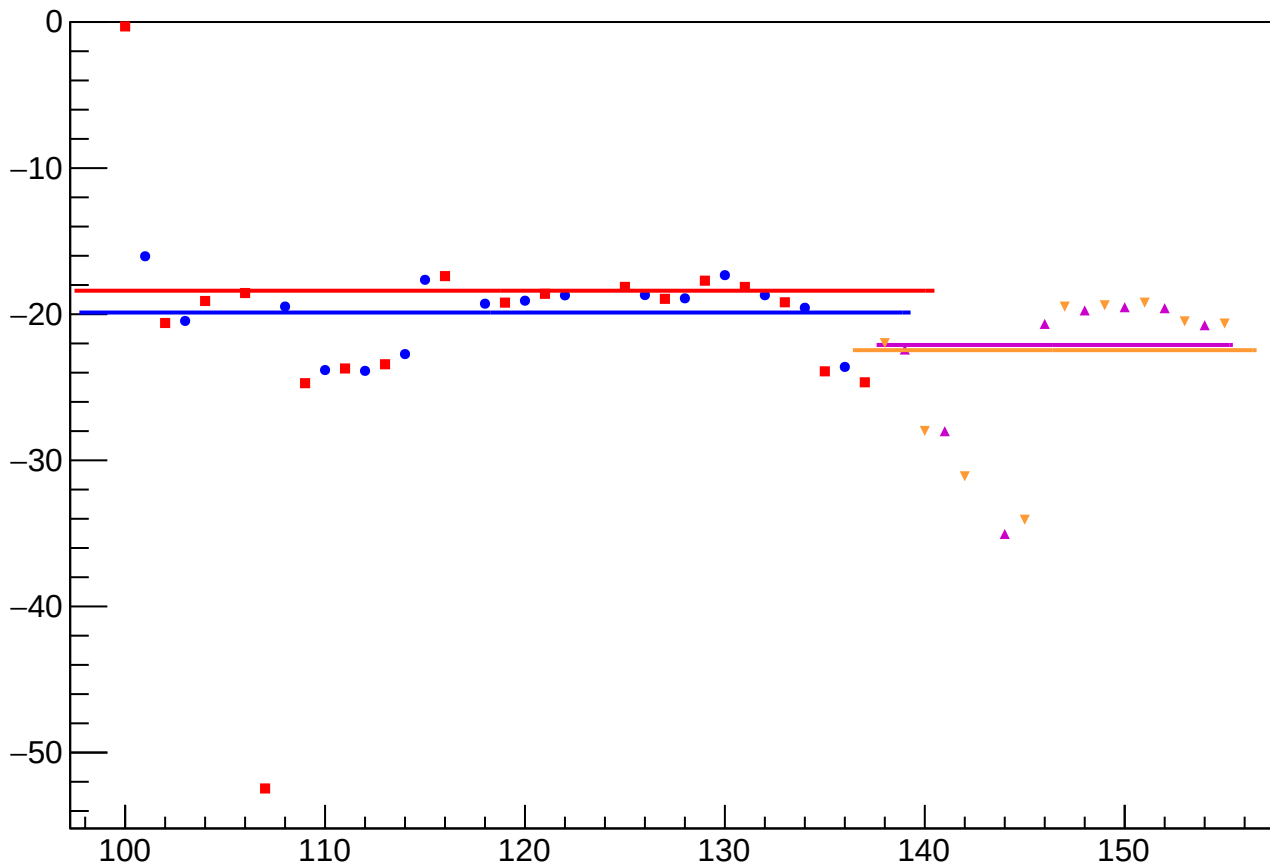
Left In: 9.478 ± 0.283 $\chi^2/\text{NDF}: 243.3/7$

+ sign 6.695 ± 0.186 $\chi^2/\text{NDF}: 790.1/24$

All: 6.461 ± 0.133 $\chi^2/\text{NDF}: 1848.8/50$

- sign 6.218 ± 0.189 $\chi^2/\text{NDF}: 1055.5/25$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -22.459 ± 0.014 $\chi^2/\text{NDF}: 110478.9/8$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

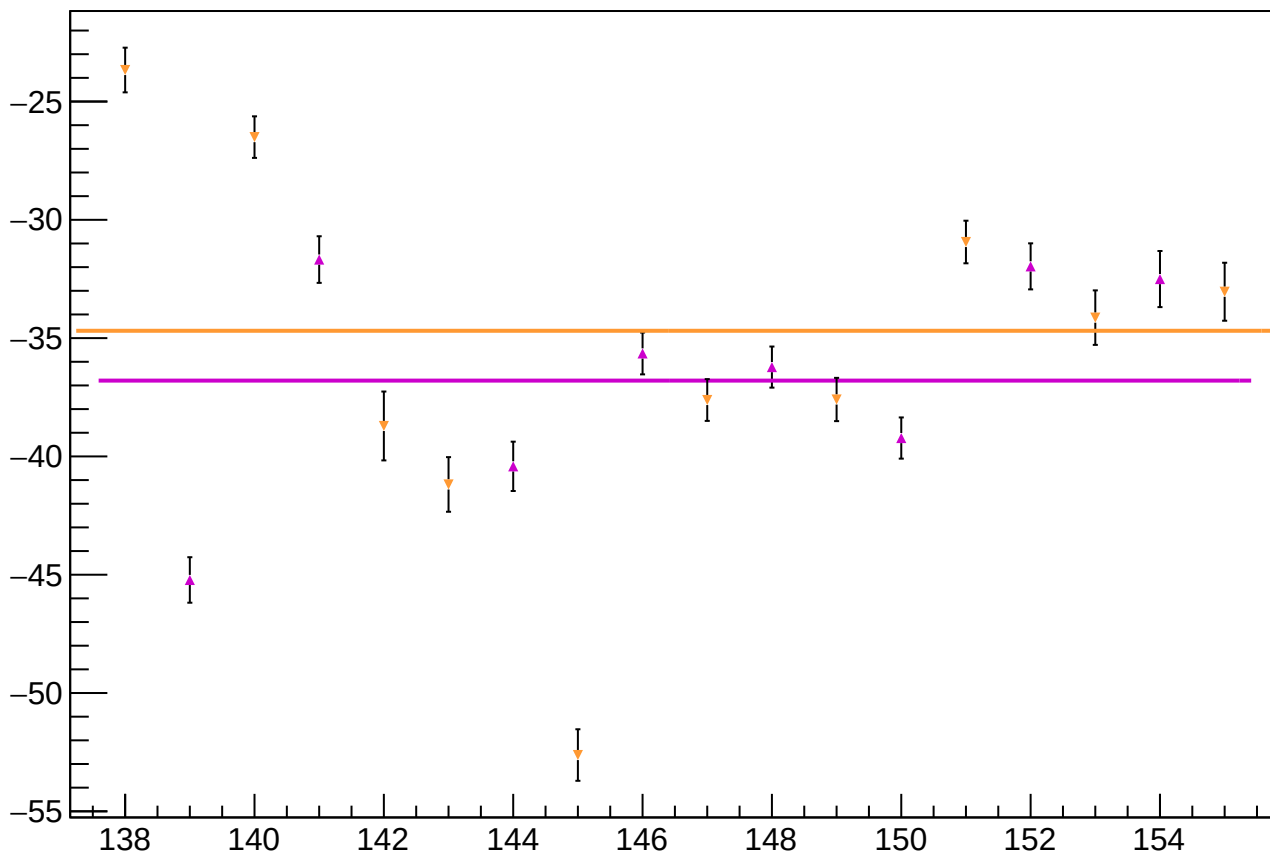
Left In: -22.103 ± 0.014 $\chi^2/\text{NDF}: 91368.0/7$

+ sign -21.316 ± 0.010 $\chi^2/\text{NDF}: 151794.0/24$

All: -20.830 ± 0.007 $\chi^2/\text{NDF}: 582567.4/50$

- sign -20.372 ± 0.010 $\chi^2/\text{NDF}: 426498.2/25$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.690+/-0.322 χ^2/NDF : 573.9/9

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

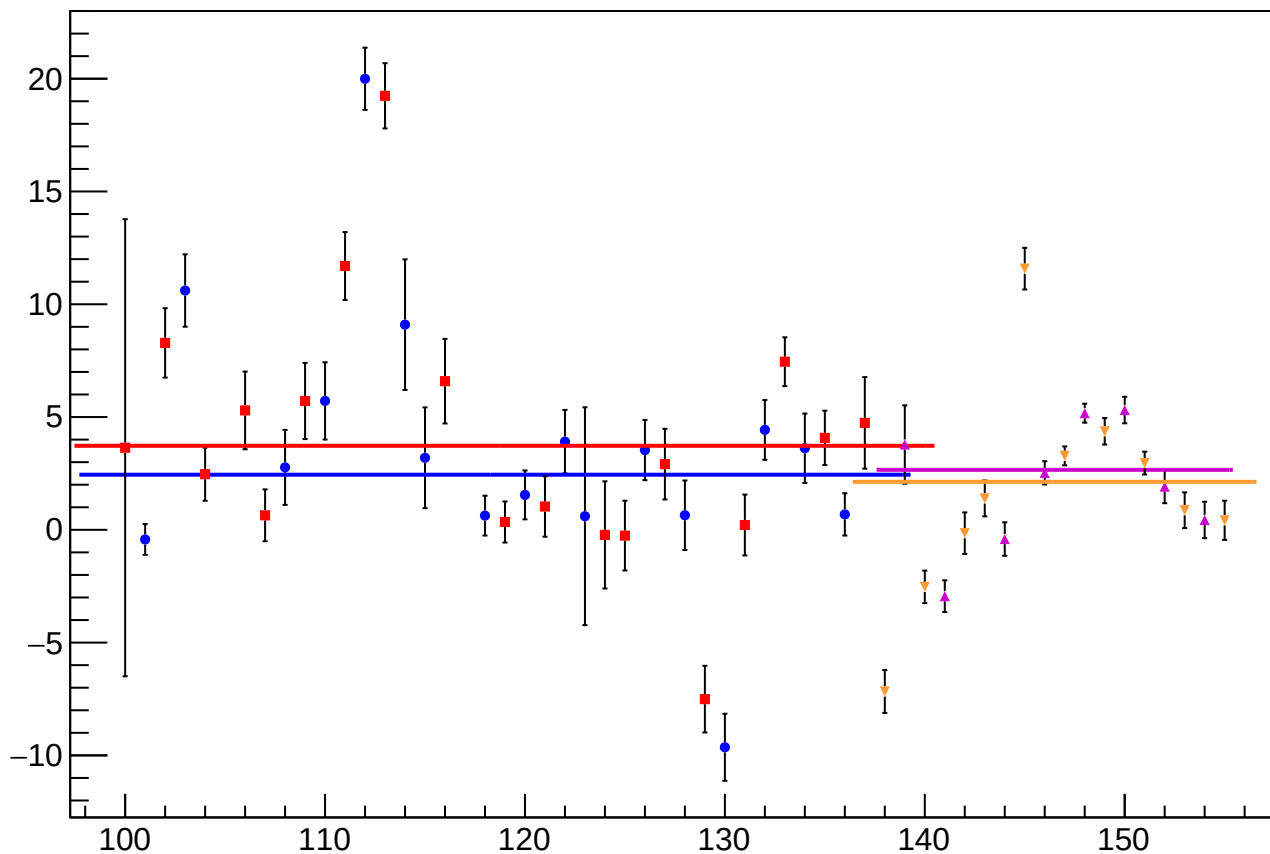
Left In: -36.795+/-0.339 χ^2/NDF : 163.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.691+/-0.234 χ^2/NDF : 757.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 $\pm$ 0.311 χ^2 /NDF: 295.3/16

Left Out: 2.128 $\pm$ 0.211 χ^2 /NDF: 280.1/9

Right Out: 3.726 $\pm$ 0.327 χ^2 /NDF: 269.1/18

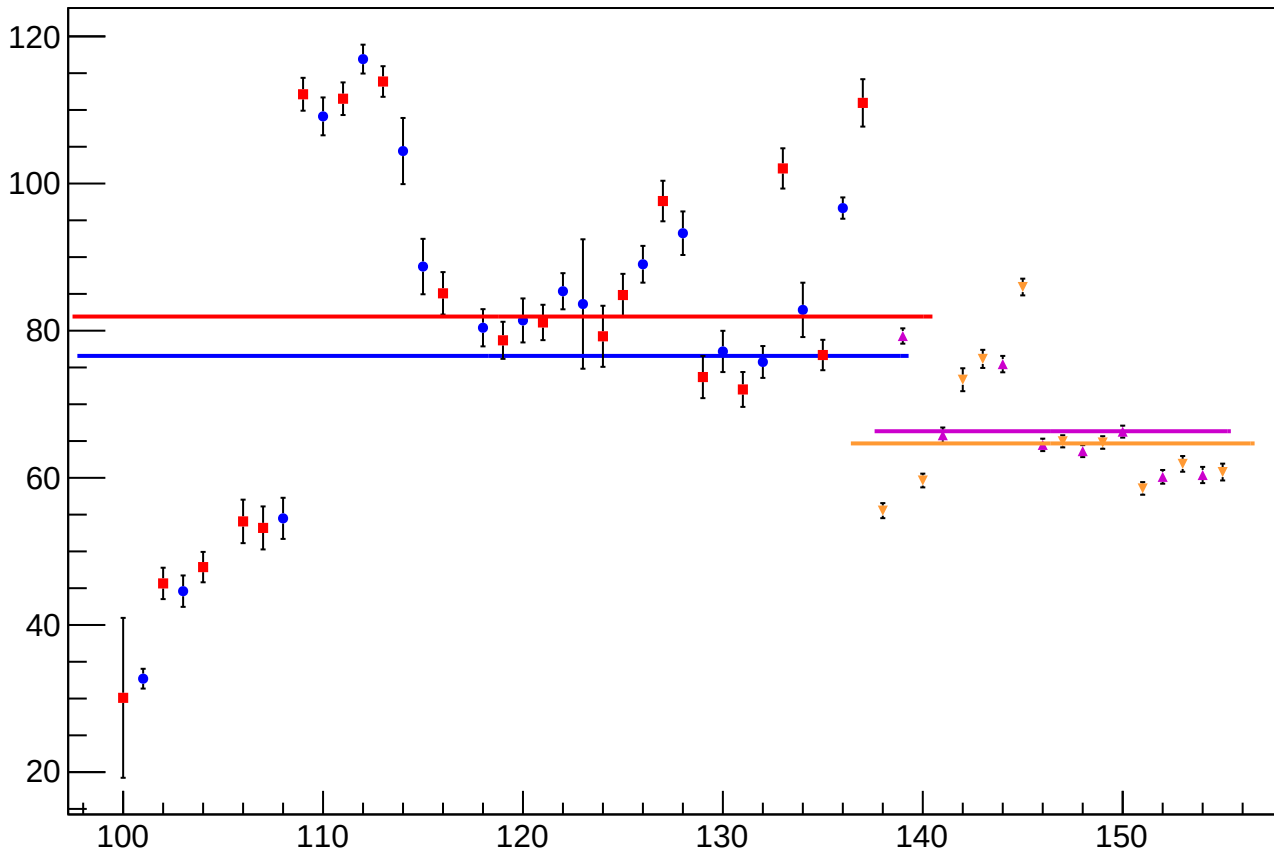
Left In: 2.661 $\pm$ 0.224 χ^2 /NDF: 145.5/7

+ sign 2.228 $\pm$ 0.175 χ^2 /NDF: 576.2/26

All: 2.593 $\pm$ 0.127 χ^2 /NDF: 1007.2/53

- sign 3.002 $\pm$ 0.185 χ^2 /NDF: 421.8/26

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 64.676 $\pm$ 0.320 χ^2 /NDF: 644.9/9

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

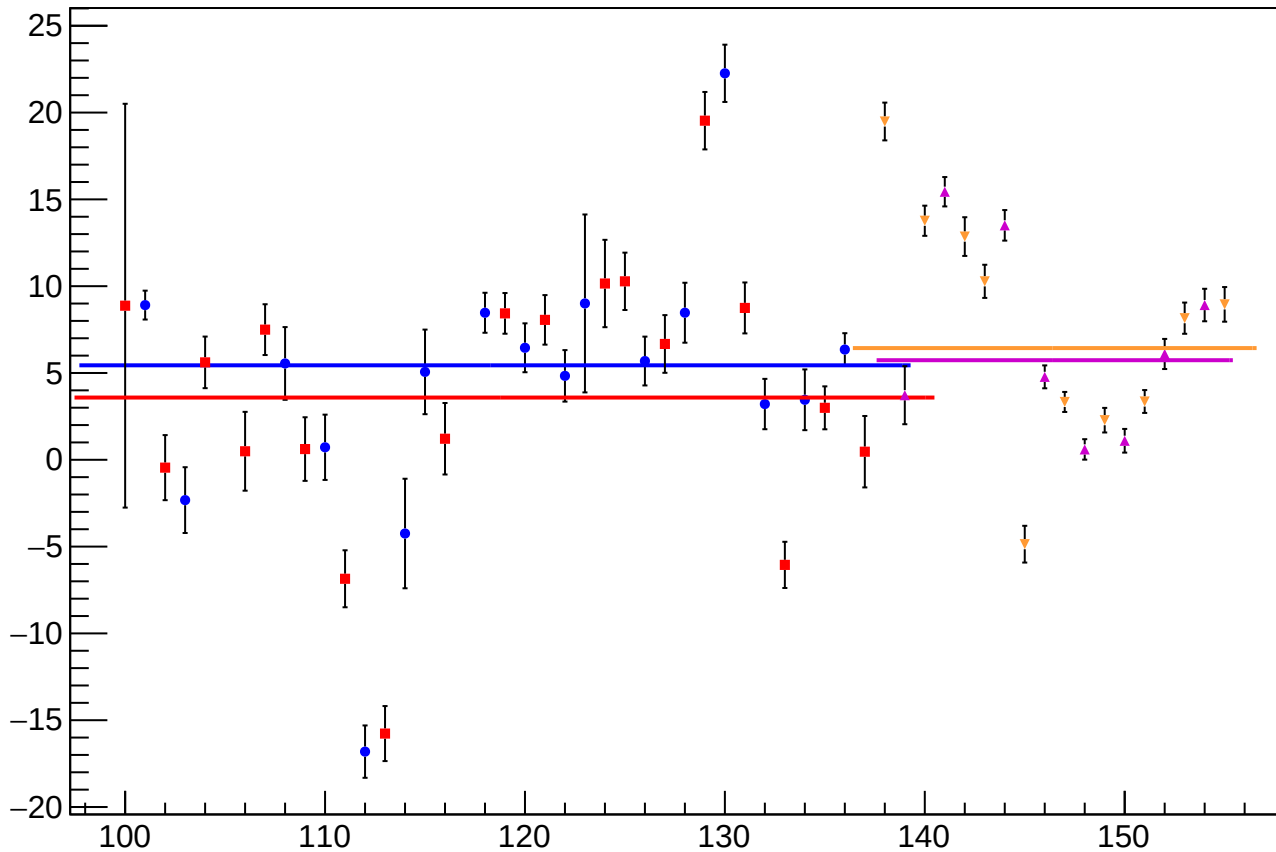
Left In: 66.334 $\pm$ 0.333 χ^2 /NDF: 311.0/7

+ sign 67.500 $\pm$ 0.279 χ^2 /NDF: 3226.9/26

All: 68.740 $\pm$ 0.201 χ^2 /NDF: 5676.5/53

- sign 70.079 $\pm$ 0.290 χ^2 /NDF: 2408.6/26

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 χ^2/NDF : 387.5/16

Left Out: 6.434 ± 0.262 χ^2/NDF : 473.6/9

Right Out: 3.585 ± 0.375 χ^2/NDF : 423.2/18

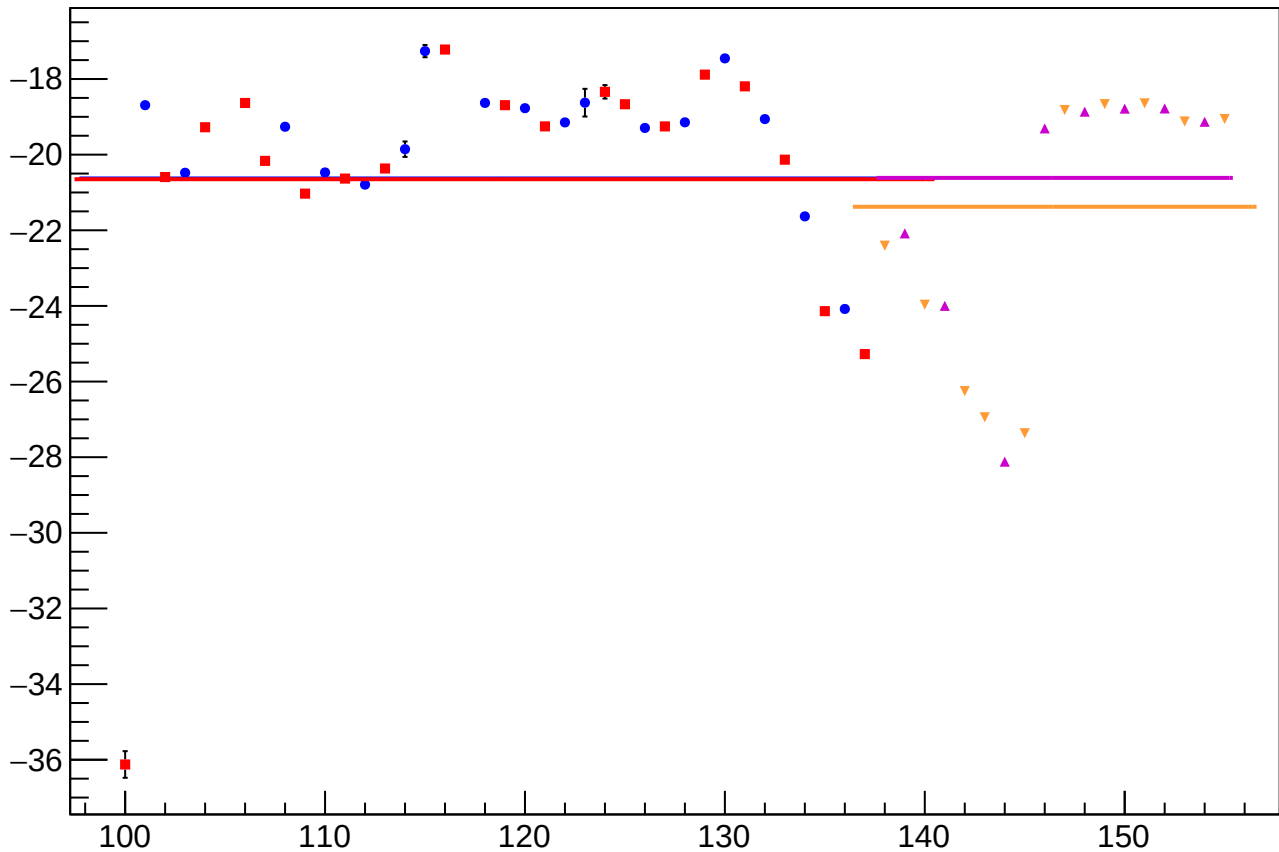
Left In: 5.736 ± 0.279 χ^2/NDF : 347.1/7

+ sign 6.086 ± 0.212 χ^2/NDF : 866.1/26

All: 5.560 ± 0.154 χ^2/NDF : 1670.7/53

- sign 4.970 ± 0.224 χ^2/NDF : 791.5/26

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 $\chi^2/\text{NDF}: 12490.5/16$

Left Out: -21.378 ± 0.013 $\chi^2/\text{NDF}: 63172.1/9$

Right Out: -20.650 ± 0.019 $\chi^2/\text{NDF}: 13885.7/18$

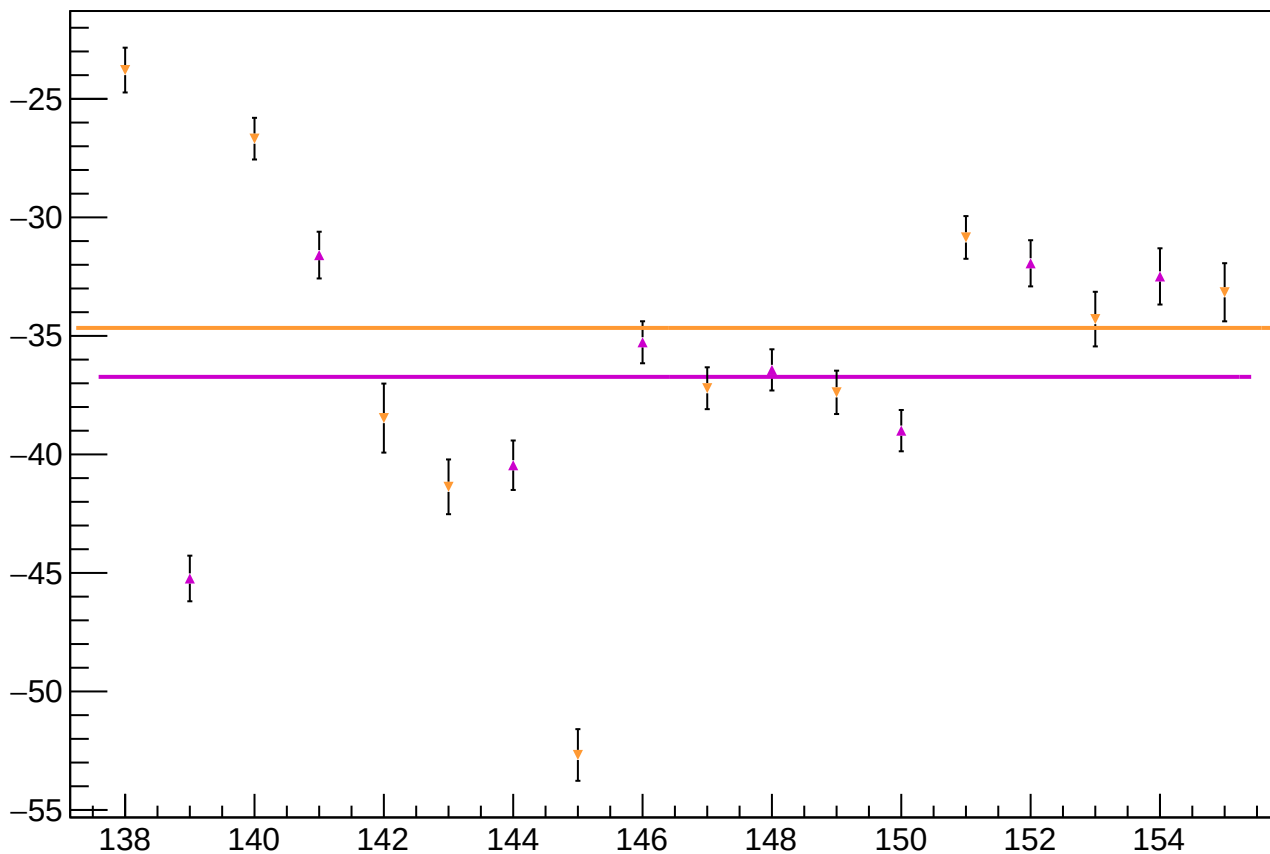
Left In: -20.614 ± 0.014 $\chi^2/\text{NDF}: 41957.5/7$

+ sign -21.141 ± 0.011 $\chi^2/\text{NDF}: 76690.6/26$

All: -20.890 ± 0.008 $\chi^2/\text{NDF}: 133634.9/53$

- sign -20.626 ± 0.011 $\chi^2/\text{NDF}: 55845.4/26$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.663+/-0.323 χ^2/NDF : 565.6/9

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

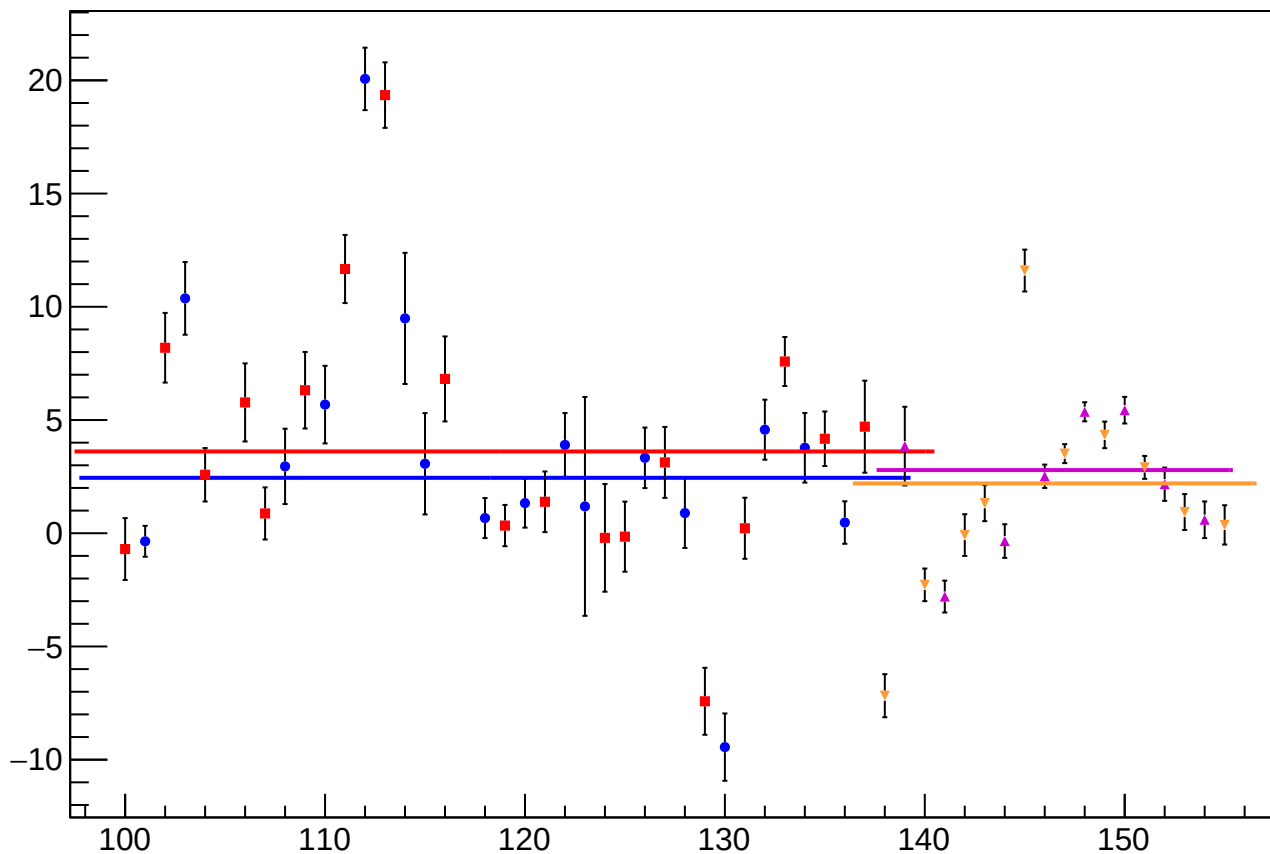
Left In: -36.728+/-0.339 χ^2/NDF : 164.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.645+/-0.234 χ^2/NDF : 749.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.448 ± 0.311 χ^2/NDF : 293.4/16

Left Out: 2.200 ± 0.211 χ^2/NDF : 278.6/9

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

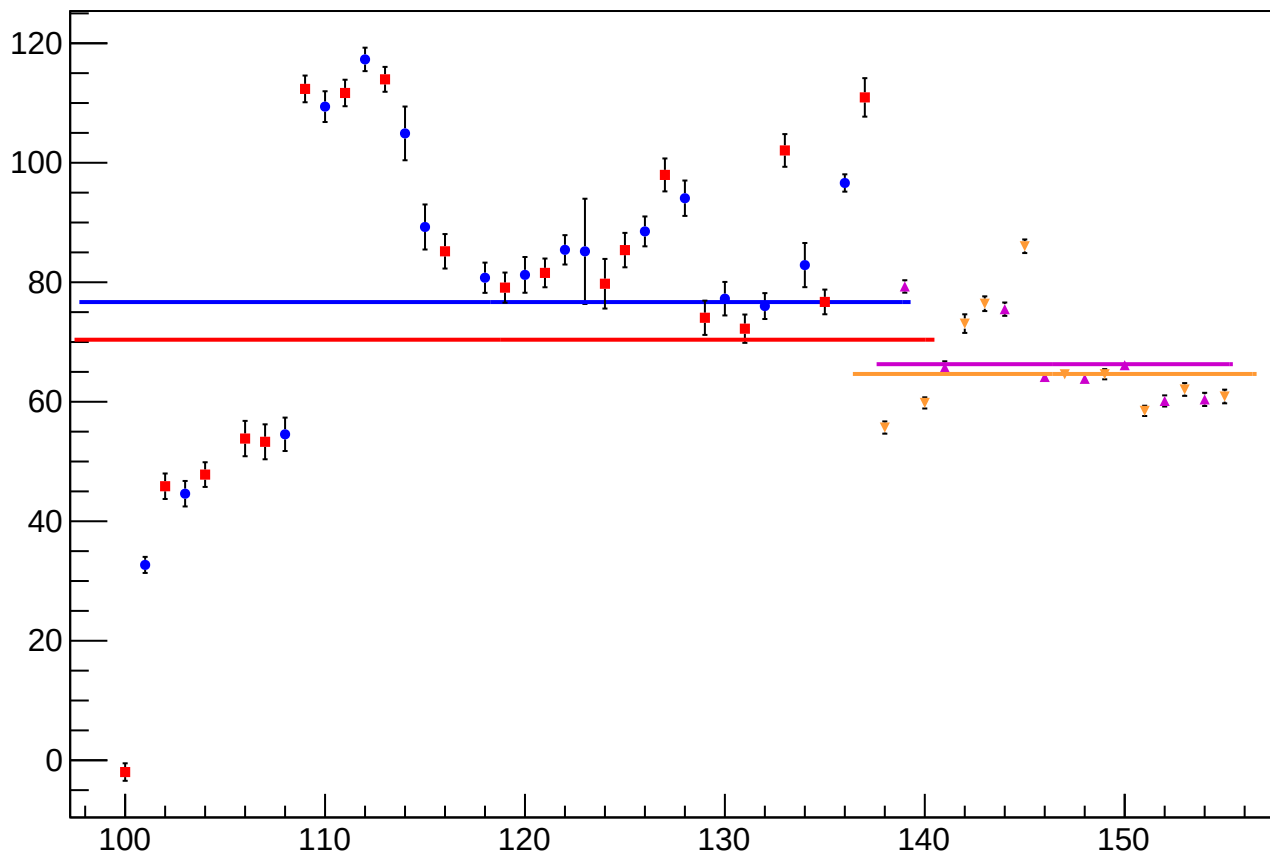
Left In: 2.789 ± 0.225 χ^2/NDF : 147.0/7

+ sign 2.278 ± 0.175 χ^2/NDF : 572.4/26

All: 2.651 ± 0.127 χ^2/NDF : 1012.9/53

- sign 3.062 ± 0.184 χ^2/NDF : 430.9/26

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 64.654 $\pm$ 0.320 χ^2 /NDF: 644.7/9

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

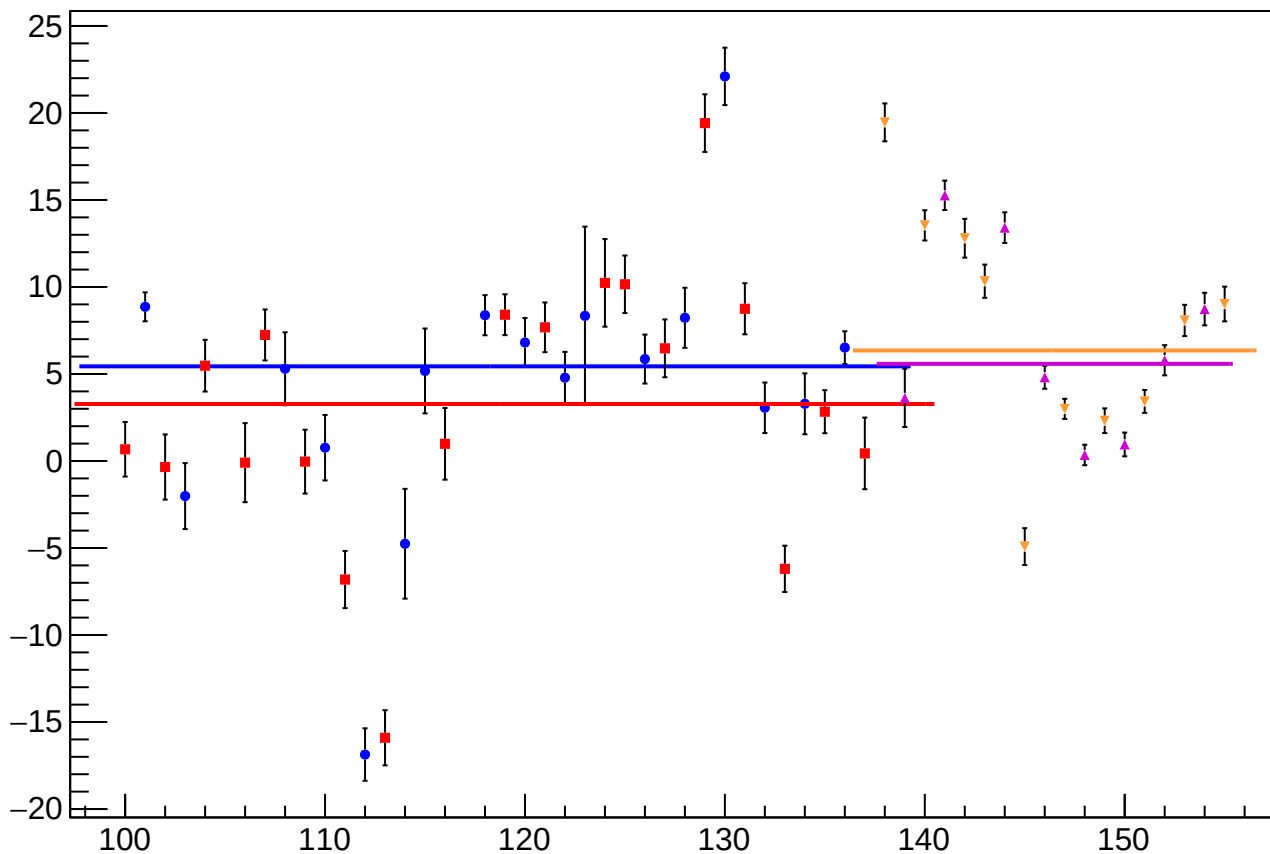
Left In: 66.291 $\pm$ 0.333 χ^2 /NDF: 311.9/7

+ sign 67.511 $\pm$ 0.279 χ^2 /NDF: 3245.4/26

All: 67.452 $\pm$ 0.199 χ^2 /NDF: 7989.1/53

- sign 67.390 $\pm$ 0.285 χ^2 /NDF: 4743.6/26

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 ± 0.357 $\chi^2/\text{NDF}: 385.9/16$

Left Out: 6.353 ± 0.263 $\chi^2/\text{NDF}: 474.2/9$

Right Out: 3.275 ± 0.365 $\chi^2/\text{NDF}: 425.8/18$

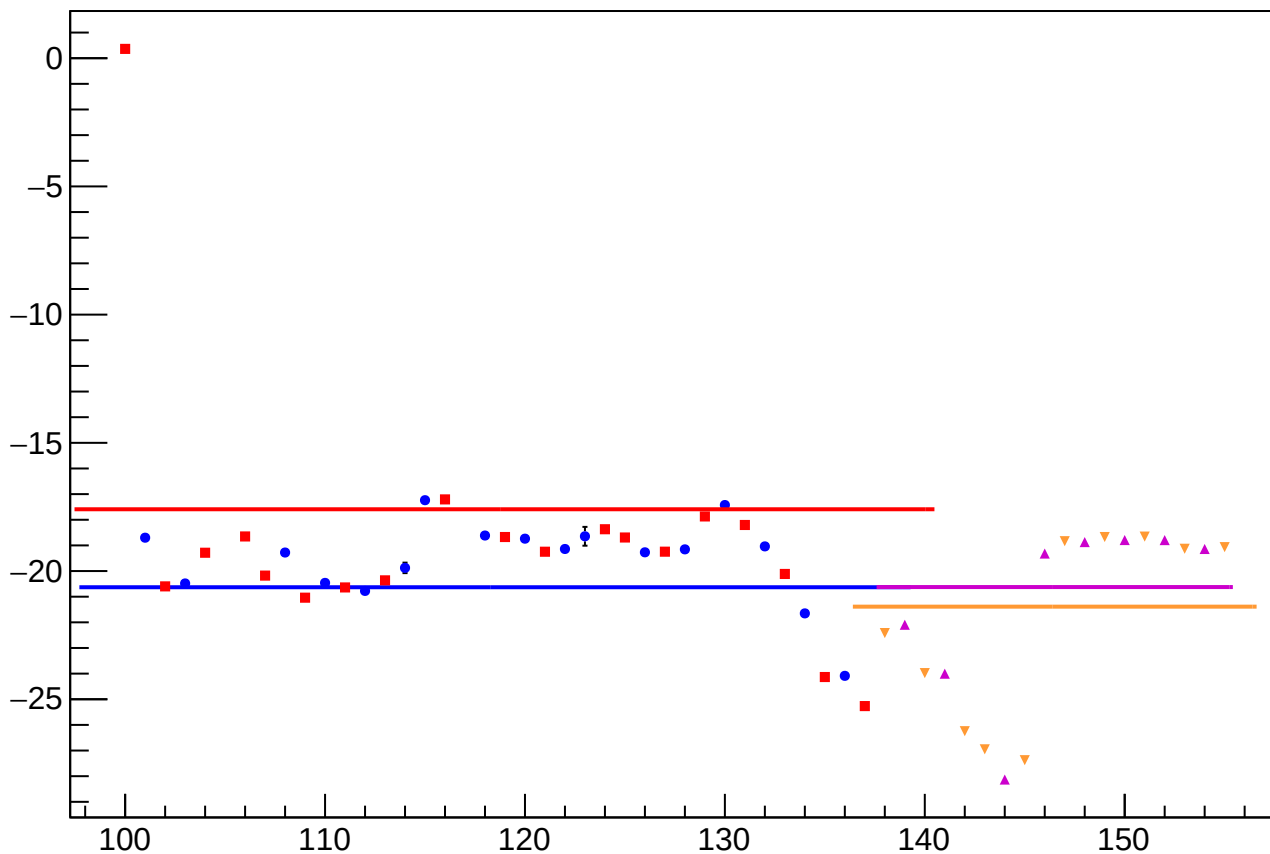
Left In: 5.583 ± 0.279 $\chi^2/\text{NDF}: 349.0/7$

+ sign 6.032 ± 0.212 $\chi^2/\text{NDF}: 864.4/26$

All: 5.413 ± 0.153 $\chi^2/\text{NDF}: 1682.3/53$

- sign 4.732 ± 0.222 $\chi^2/\text{NDF}: 799.9/26$

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -21.388 ± 0.013 $\chi^2/\text{NDF}: 63026.4/9$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

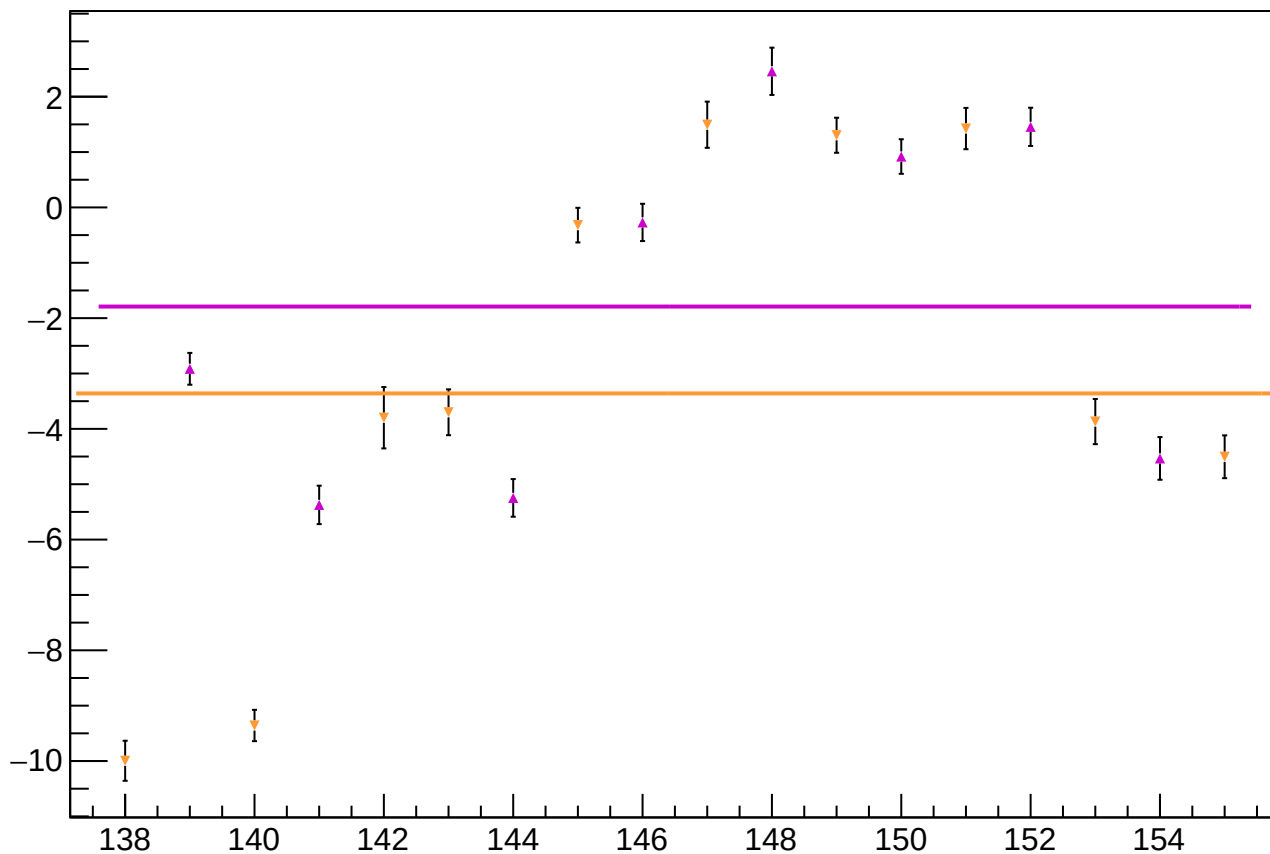
Left In: -20.624 ± 0.014 $\chi^2/\text{NDF}: 41913.2/7$

+ sign -21.149 ± 0.011 $\chi^2/\text{NDF}: 76609.1/26$

All: -20.336 ± 0.008 $\chi^2/\text{NDF}: 326479.3/53$

- sign -19.523 ± 0.011 $\chi^2/\text{NDF}: 238656.3/26$

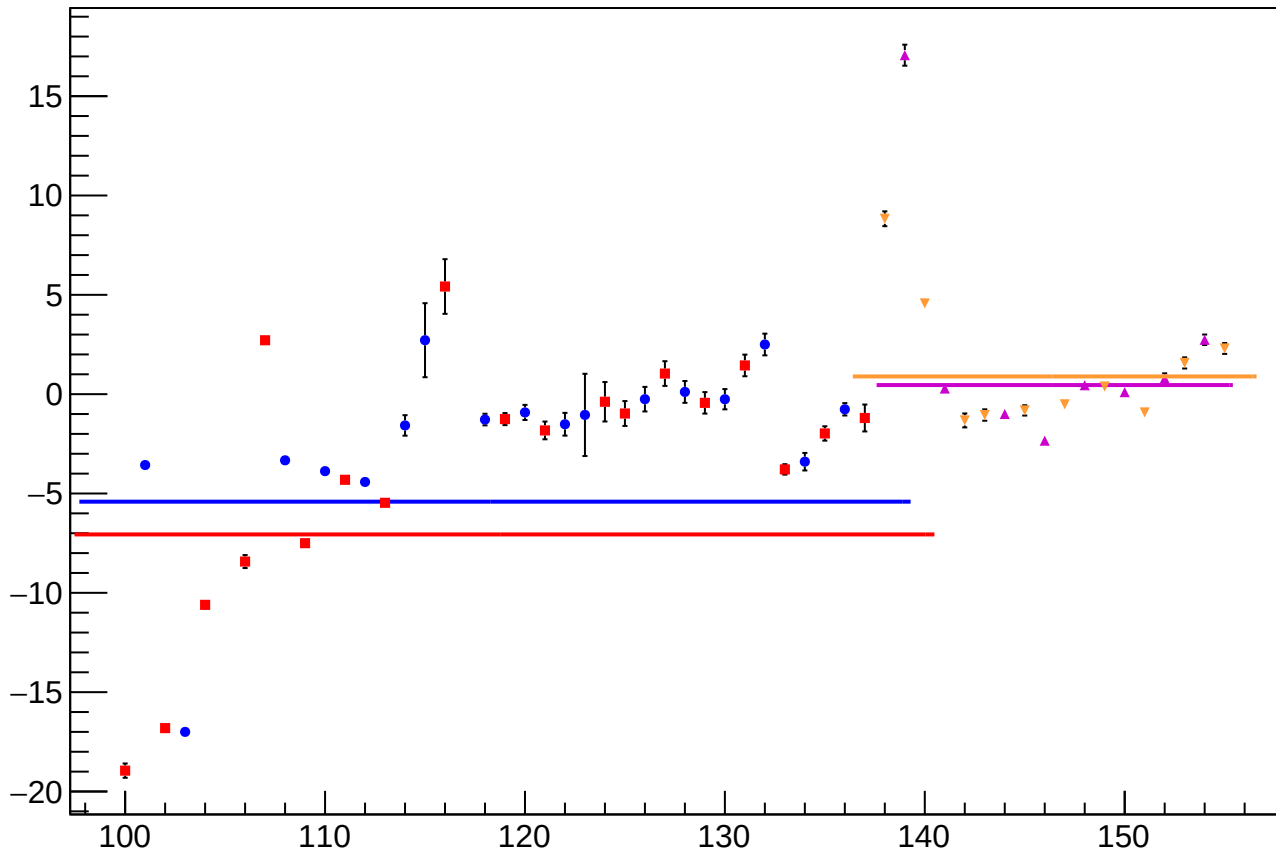
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



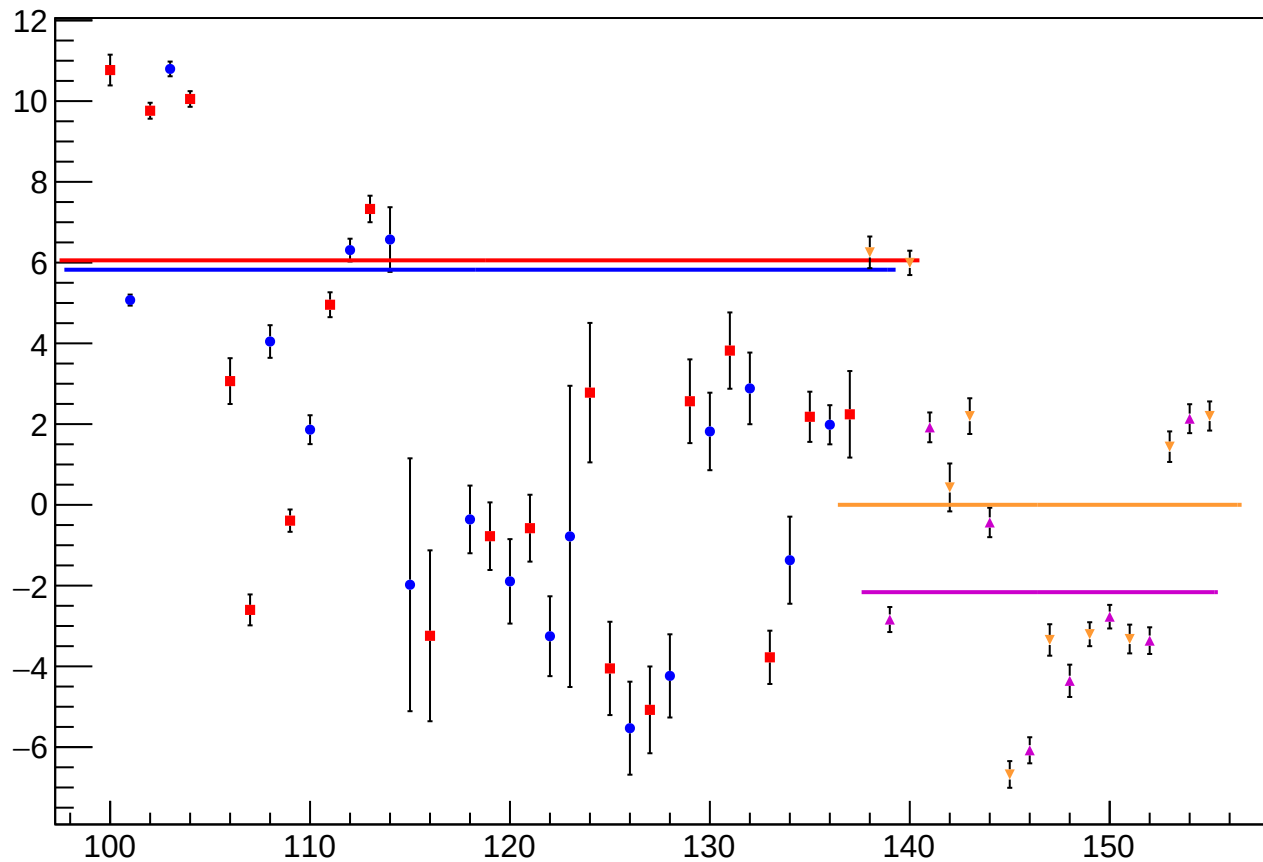
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.360 $\pm$ 0.115 χ^2 /NDF:1408.4/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.791 $\pm$ 0.121 χ^2 /NDF:559.0/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.609 $\pm$ 0.083 χ^2 /NDF: 2055.7/17
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.824 ± 0.090 χ^2/NDF : 1452.6/16

Left Out: 0.001 ± 0.115 χ^2/NDF : 1411.9/9

Right Out: 6.056 ± 0.093 χ^2/NDF : 2668.9/18

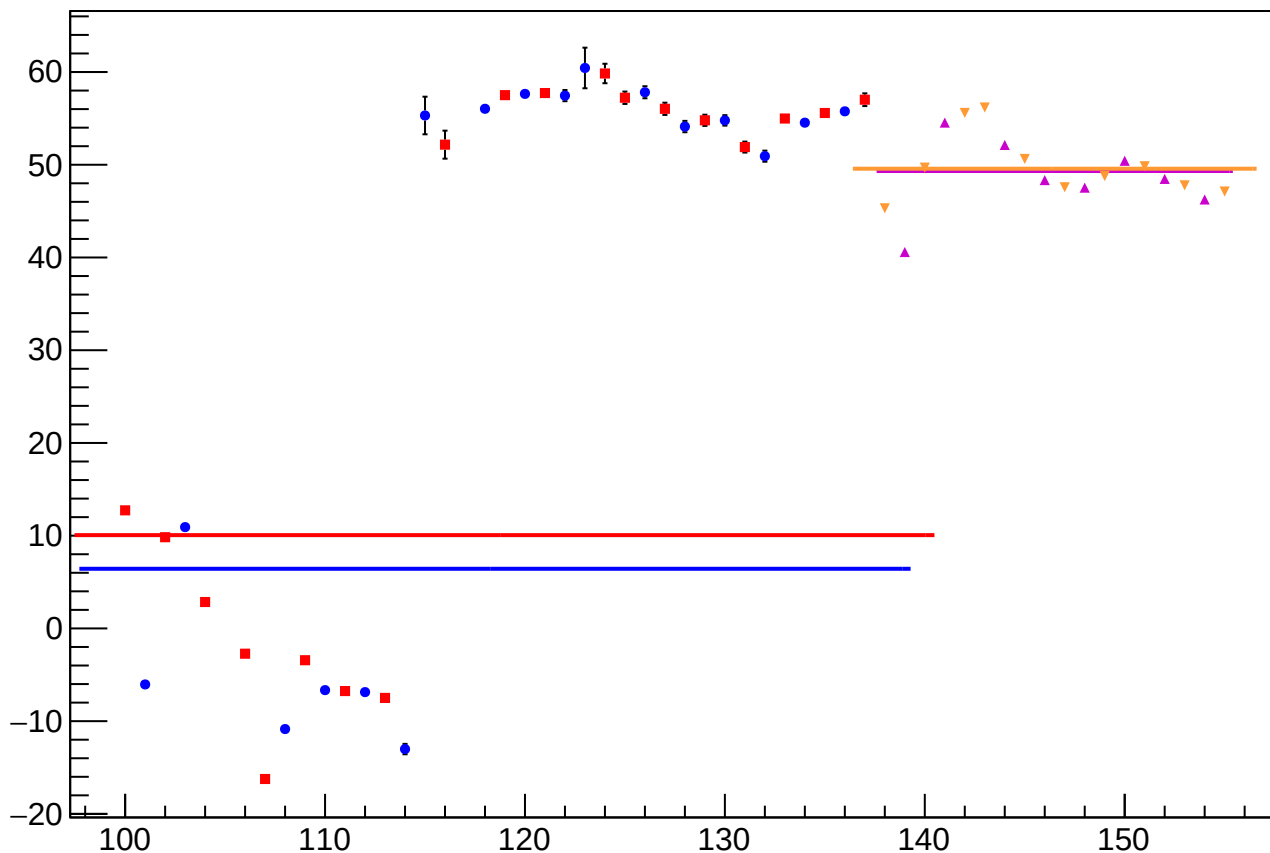
Left In: -2.162 ± 0.120 χ^2/NDF : 488.2/7

+ sign 3.634 ± 0.071 χ^2/NDF : 4453.3/26

All: 3.305 ± 0.051 χ^2/NDF : 10587.1/53

- sign 2.950 ± 0.074 χ^2/NDF : 6088.9/26

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 ± 0.065 $\chi^2/\text{NDF}: 123486.3/16$

Left Out: 49.574 ± 0.097 $\chi^2/\text{NDF}: 840.2/9$

Right Out: 10.060 ± 0.070 $\chi^2/\text{NDF}: 121816.0/18$

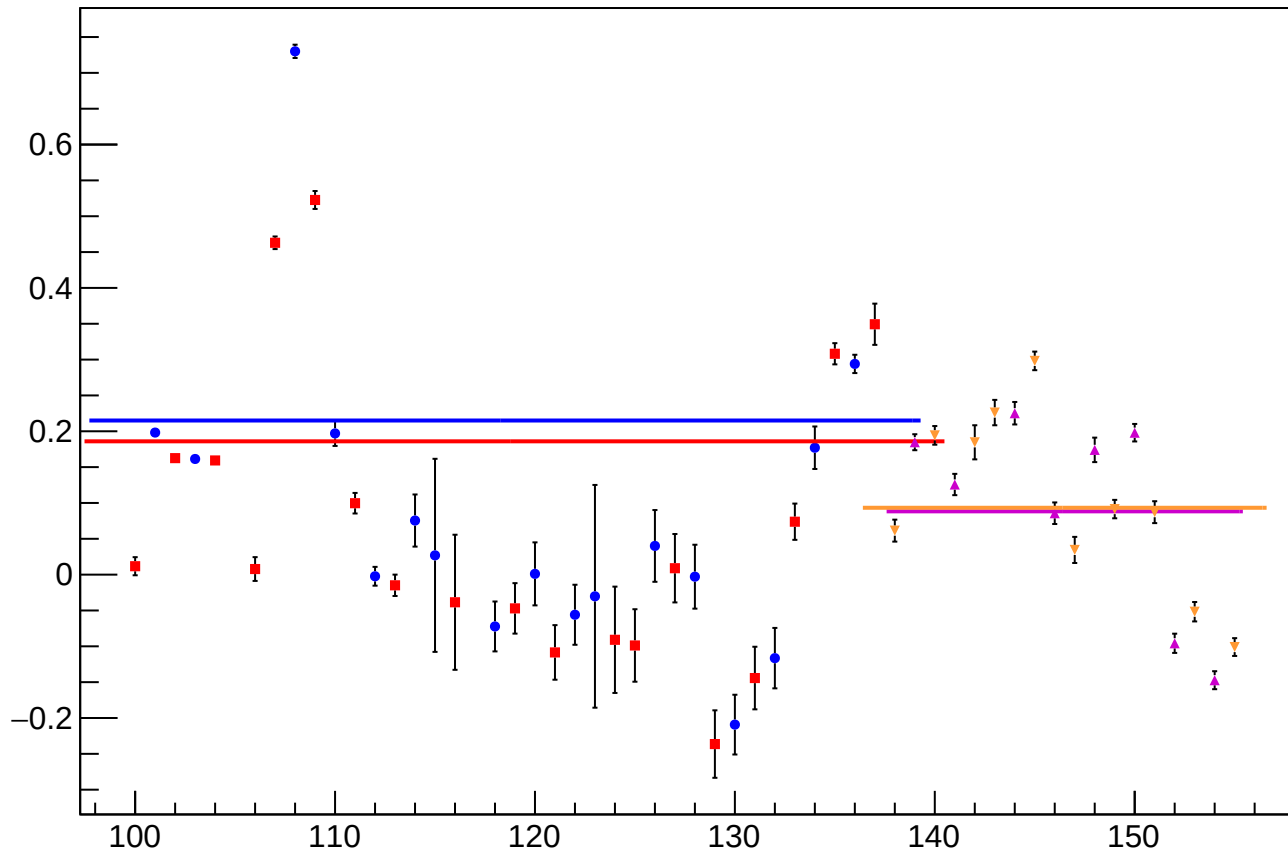
Left In: 49.325 ± 0.105 $\chi^2/\text{NDF}: 875.0/7$

+ sign 19.641 ± 0.054 $\chi^2/\text{NDF}: 260457.8/26$

All: 20.786 ± 0.039 $\chi^2/\text{NDF}: 481434.7/53$

- sign 22.114 ± 0.058 $\chi^2/\text{NDF}: 220001.8/26$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3930.1/16

Left Out: 0.093 $\pm$ 0.005 χ^2 /NDF: 755.4/9

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2720.3/18

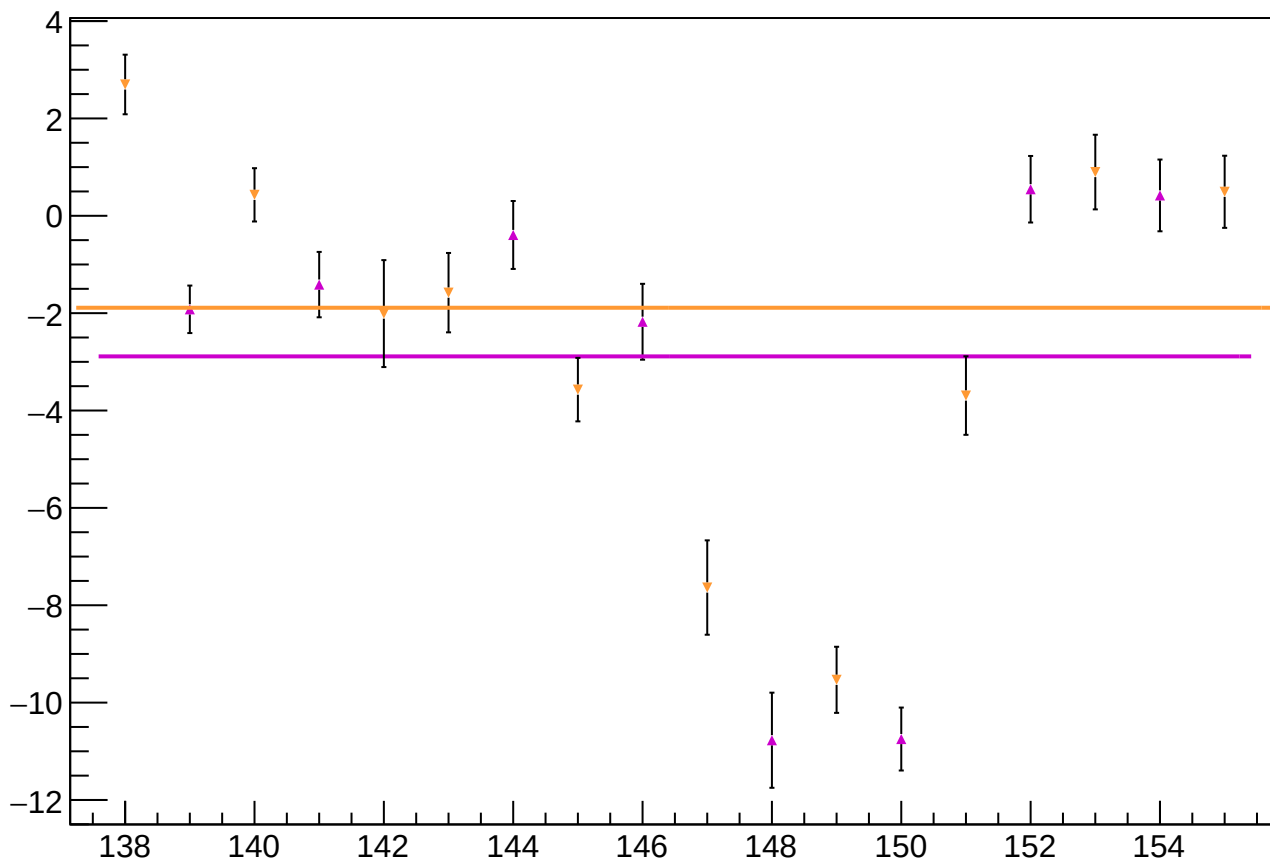
Left In: 0.088 $\pm$ 0.005 χ^2 /NDF: 804.1/7

+ sign 0.183 $\pm$ 0.002 χ^2 /NDF: 5192.5/26

All: 0.173 $\pm$ 0.002 χ^2 /NDF: 9067.5/53

- sign 0.163 $\pm$ 0.002 χ^2 /NDF: 3838.1/26

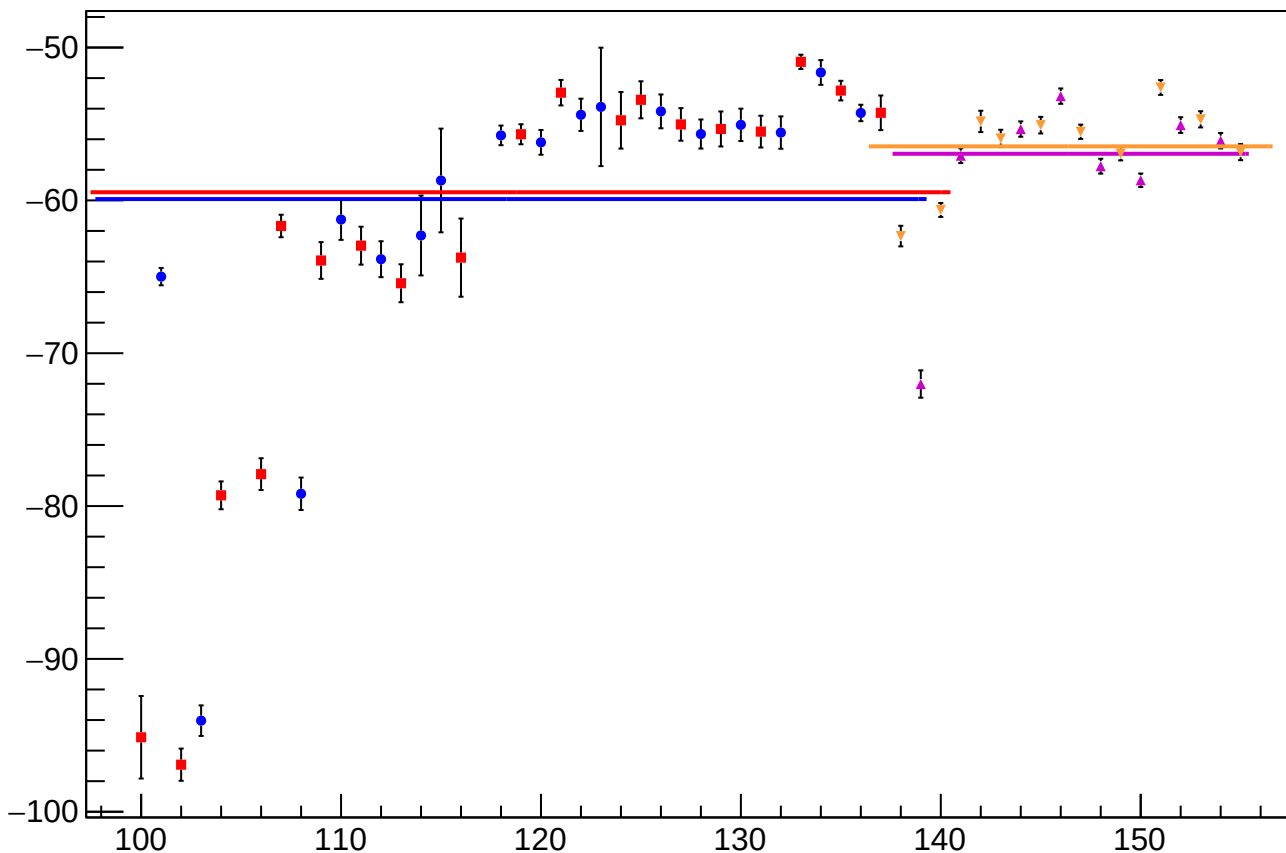
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.889 $\pm$ 0.230 χ^2 /NDF:271.3/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.888 $\pm$ 0.239 χ^2 /NDF:280.7/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.369 $\pm$ 0.165 χ^2 /NDF: 561.1/17
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -56.466 ± 0.165 χ^2/NDF : 251.6/9

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

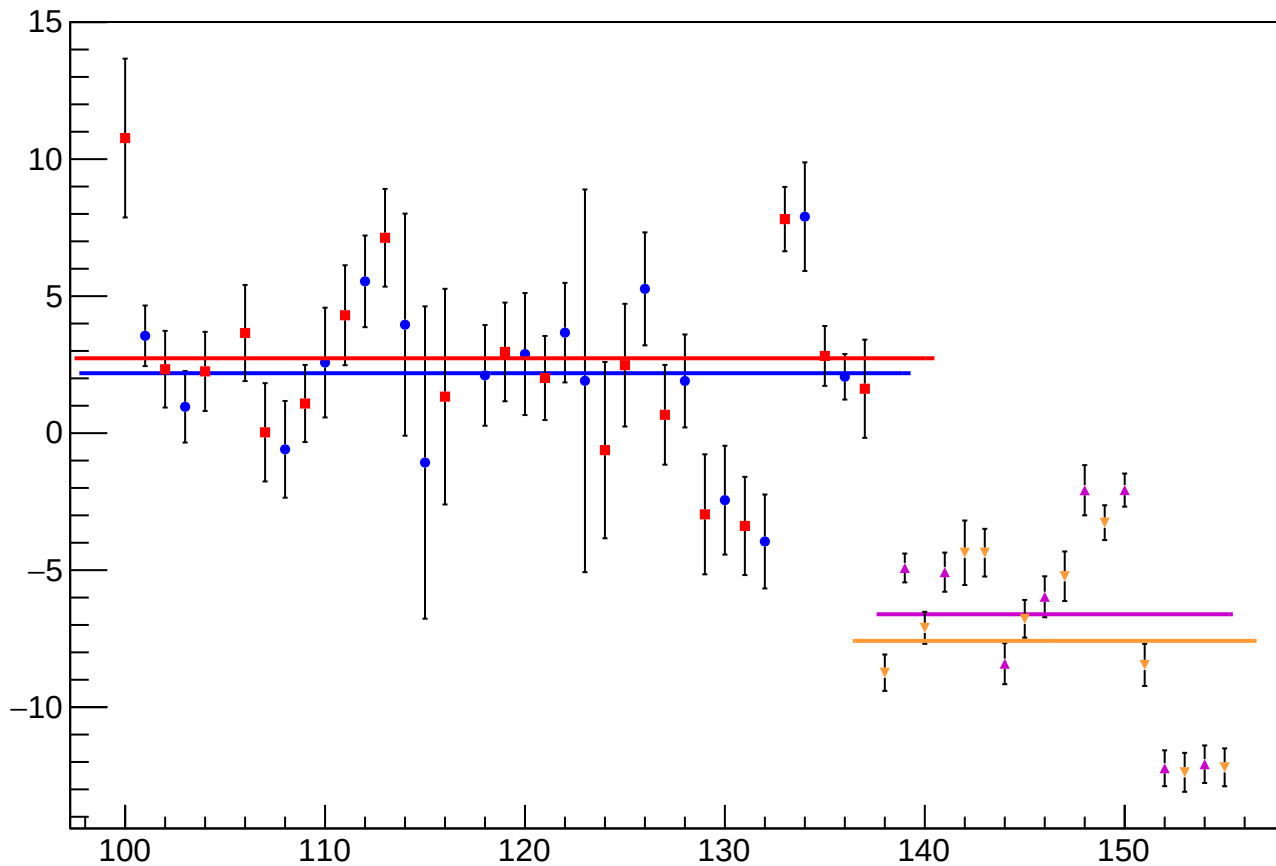
Left In: -56.951 ± 0.181 χ^2/NDF : 384.4/7

+ sign -57.687 ± 0.133 χ^2/NDF : 2385.6/26

All: -57.843 ± 0.096 χ^2/NDF : 5767.0/53

- sign -58.012 ± 0.138 χ^2/NDF : 3378.6/26

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 χ^2/NDF : 39.1/16

Left Out: -7.581 ± 0.231 χ^2/NDF : 170.5/9

Right Out: 2.733 ± 0.388 χ^2/NDF : 58.9/18

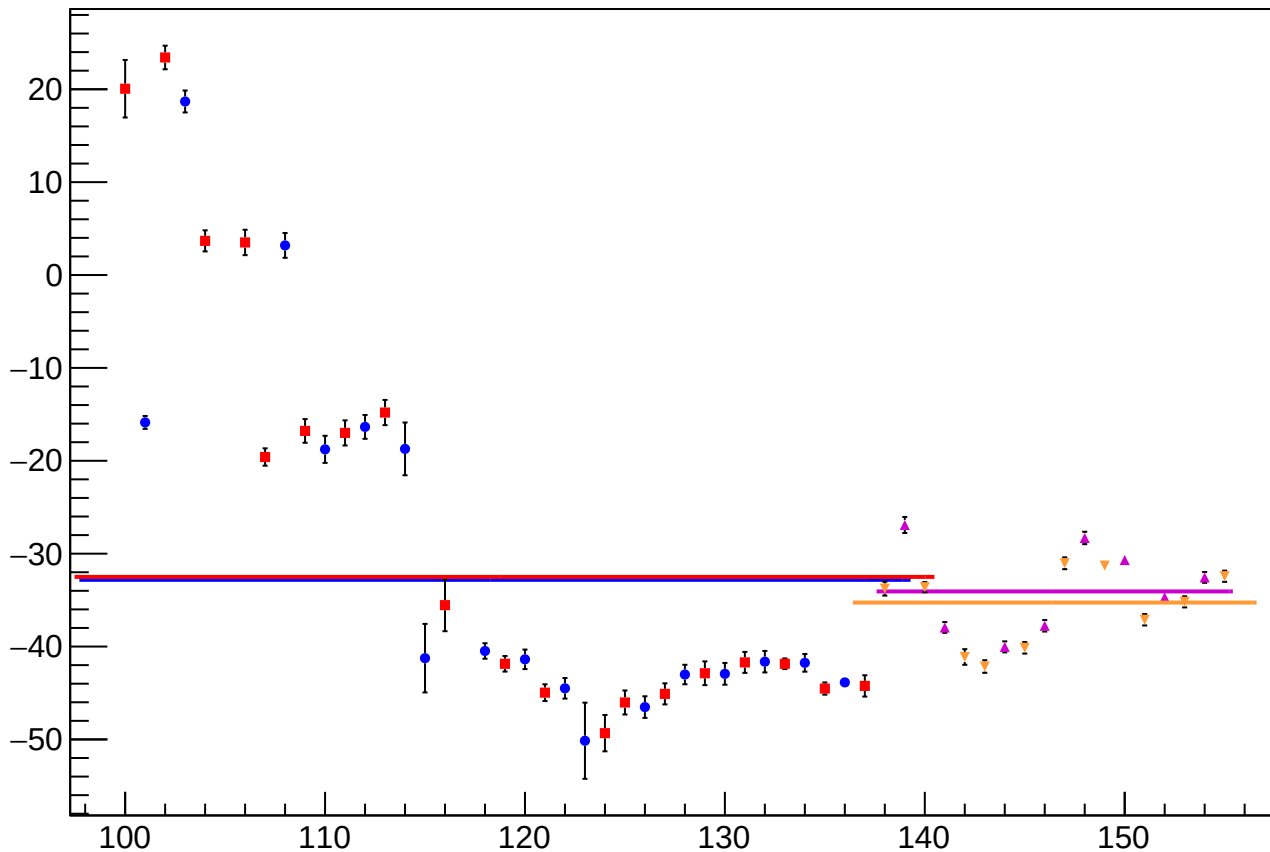
Left In: -6.610 ± 0.239 χ^2/NDF : 239.7/7

+ sign -5.181 ± 0.200 χ^2/NDF : 650.4/26

All: -4.619 ± 0.143 χ^2/NDF : 1386.2/53

- sign -4.040 ± 0.203 χ^2/NDF : 719.8/26

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 ± 0.254 $\chi^2/\text{NDF}: 4666.6/16$

Left Out: -35.263 ± 0.198 $\chi^2/\text{NDF}: 357.2/9$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

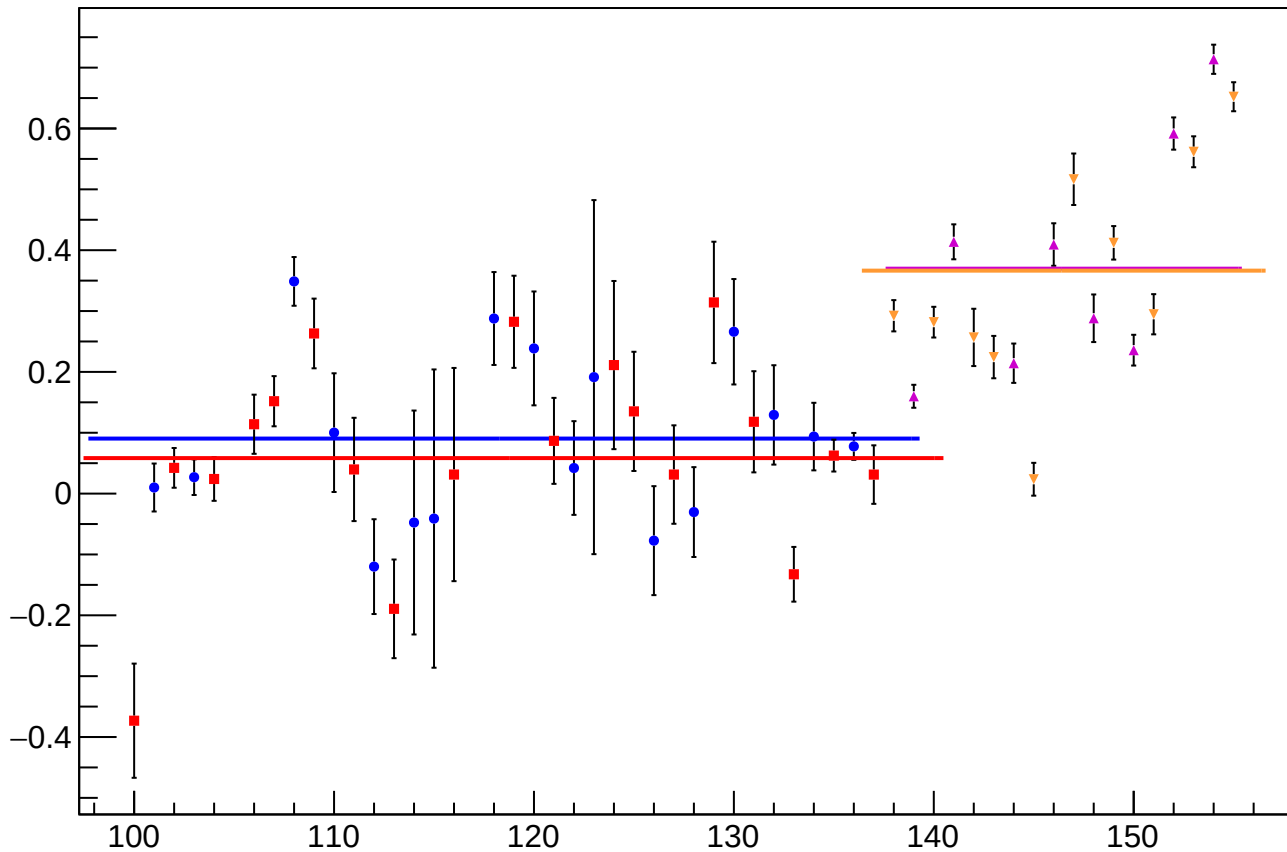
Left In: -34.066 ± 0.216 $\chi^2/\text{NDF}: 376.3/7$

+ sign -34.336 ± 0.156 $\chi^2/\text{NDF}: 5081.4/26$

All: -33.874 ± 0.112 $\chi^2/\text{NDF}: 11536.8/53$

- sign -33.380 ± 0.162 $\chi^2/\text{NDF}: 6437.3/26$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.2/16$

Left Out: 0.366 ± 0.009 $\chi^2/\text{NDF}: 426.0/9$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.3/18$

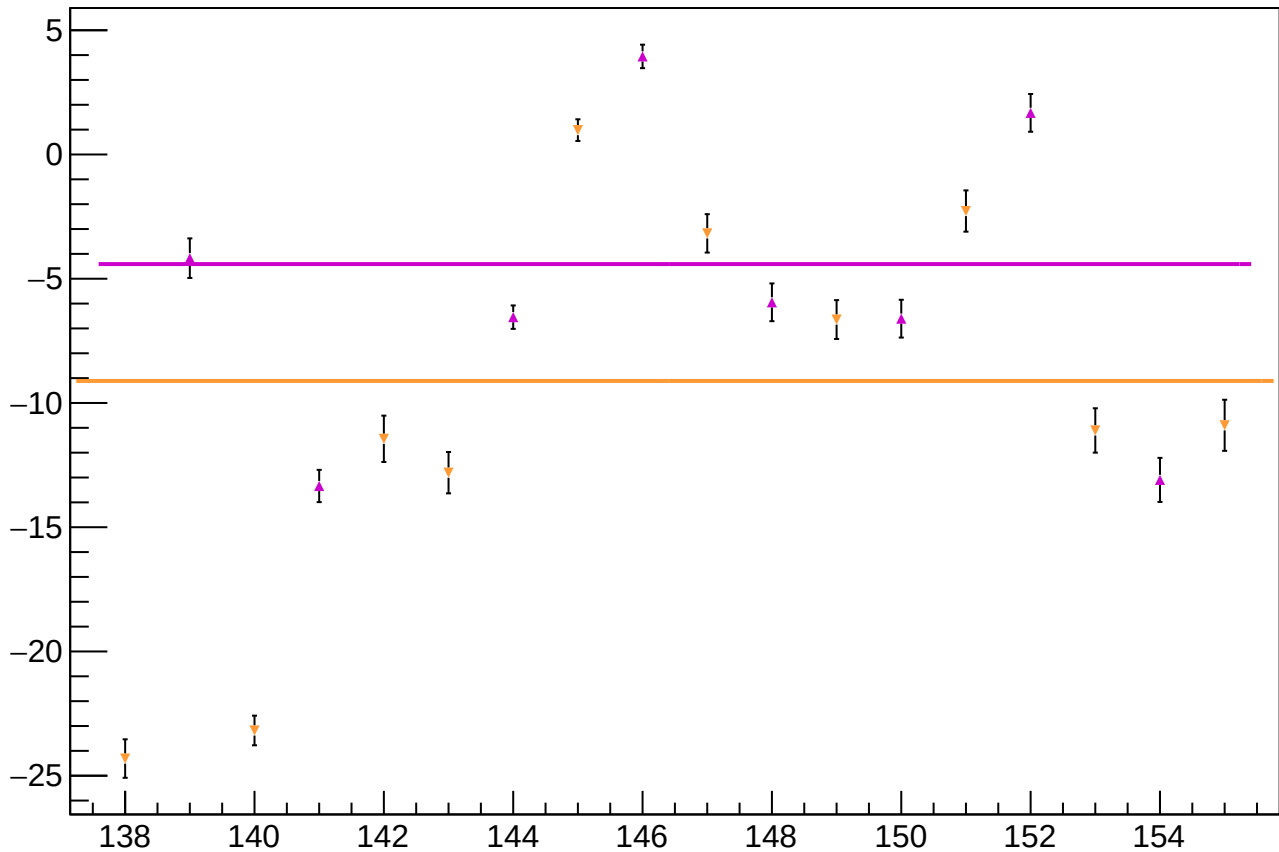
Left In: 0.370 ± 0.009 $\chi^2/\text{NDF}: 458.7/7$

+ sign 0.272 ± 0.007 $\chi^2/\text{NDF}: 814.5/26$

All: 0.262 ± 0.005 $\chi^2/\text{NDF}: 1773.0/53$

- sign 0.252 ± 0.007 $\chi^2/\text{NDF}: 955.0/26$

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: -9.113 $\pm$ 0.228 χ^2 /NDF:1647.1/9

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

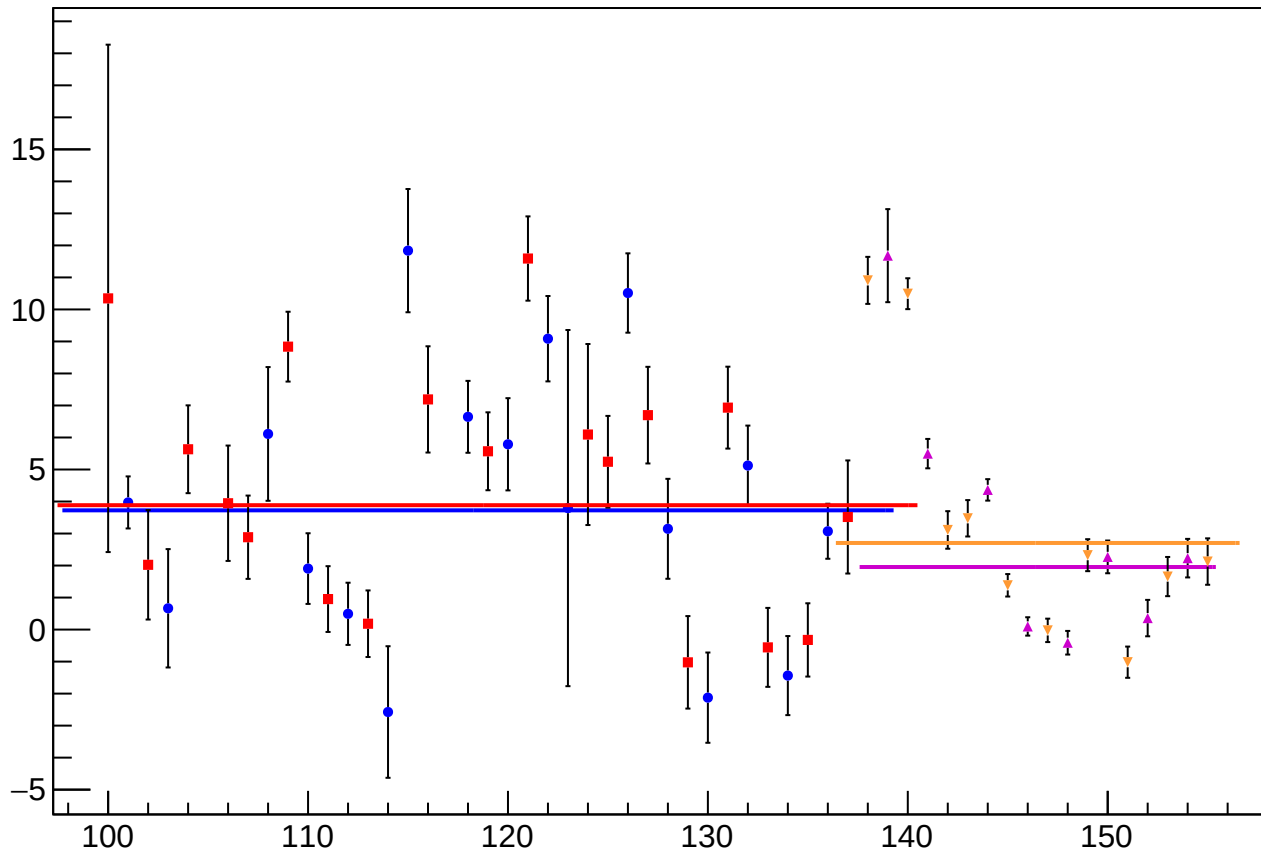
Left In: -4.410 $\pm$ 0.227 χ^2 /NDF:695.3/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.755 $\pm$ 0.161 χ^2 /NDF: 2556.3/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 $\pm$ 0.308 χ^2 /NDF: 136.8/16

Left Out: 2.705 $\pm$ 0.157 χ^2 /NDF: 519.8/9

Right Out: 3.885 $\pm$ 0.316 χ^2 /NDF: 134.4/18

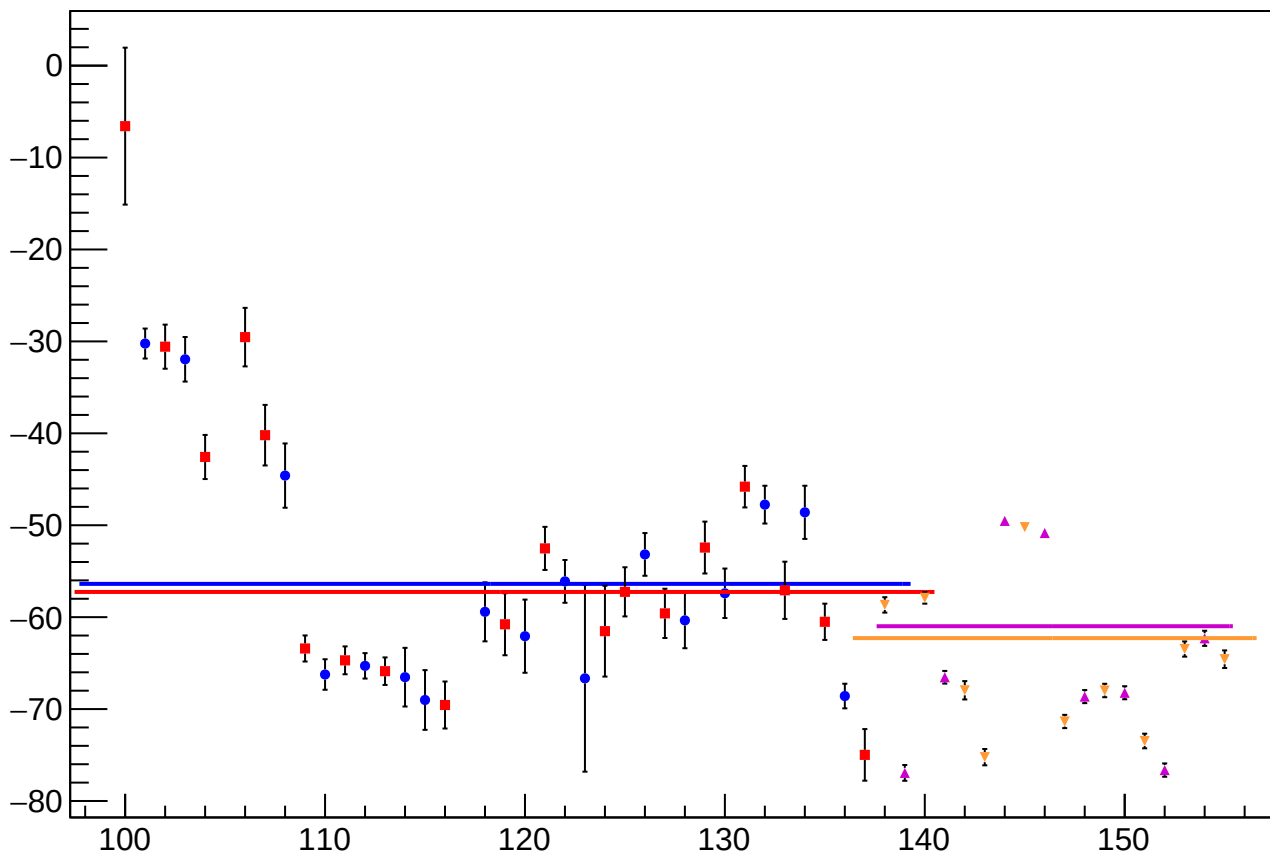
Left In: 1.954 $\pm$ 0.152 χ^2 /NDF: 247.3/7

+ sign 2.915 $\pm$ 0.140 χ^2 /NDF: 665.2/26

All: 2.610 $\pm$ 0.098 χ^2 /NDF: 1086.5/53

- sign 2.317 $\pm$ 0.137 χ^2 /NDF: 412.0/26

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -62.280 ± 0.231 χ^2/NDF : 1413.3/9

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

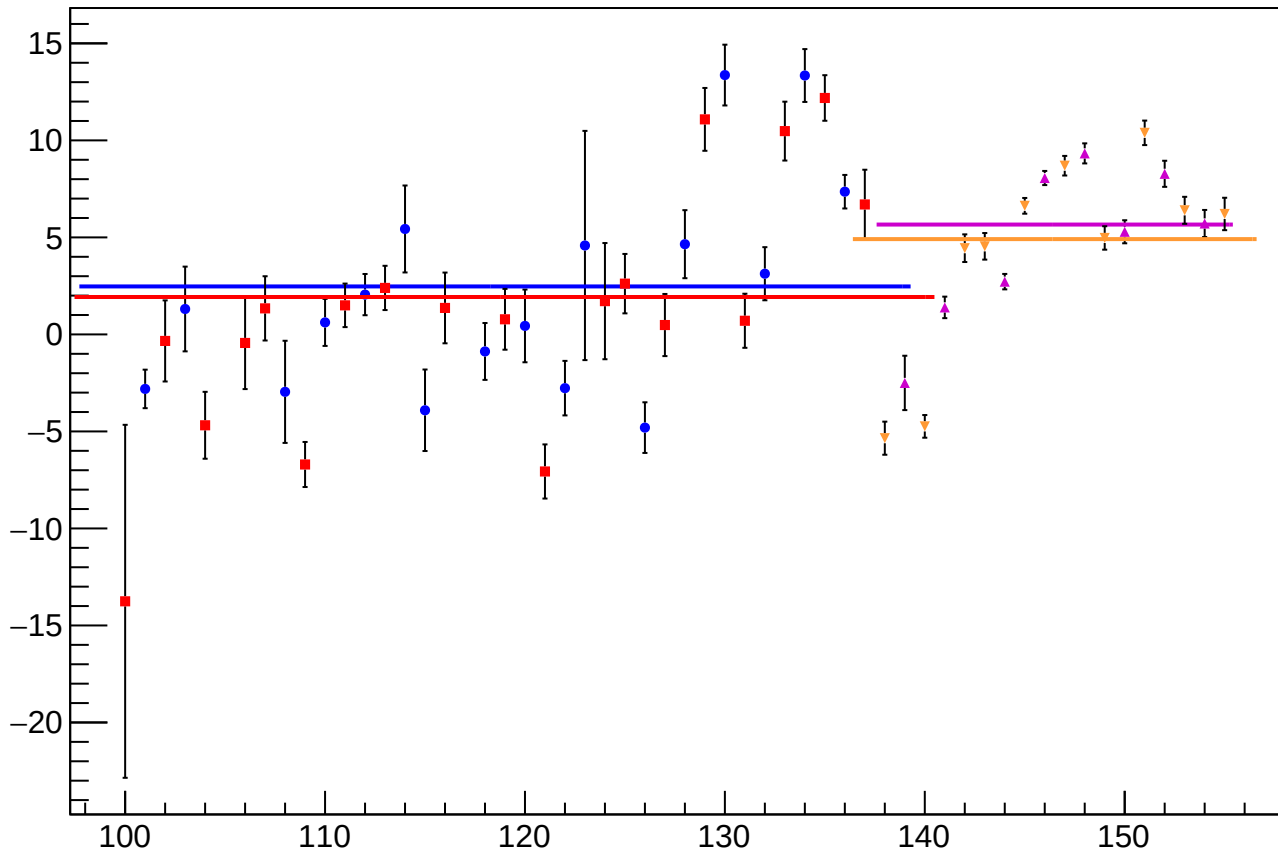
Left In: -60.986 ± 0.226 χ^2/NDF : 2108.1/7

+ sign -61.373 ± 0.213 χ^2/NDF : 2101.0/26

All: -60.888 ± 0.149 χ^2/NDF : 4736.5/53

- sign -60.422 ± 0.208 χ^2/NDF : 2625.3/26

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 4.912 ± 0.192 χ^2/NDF : 574.7/9

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

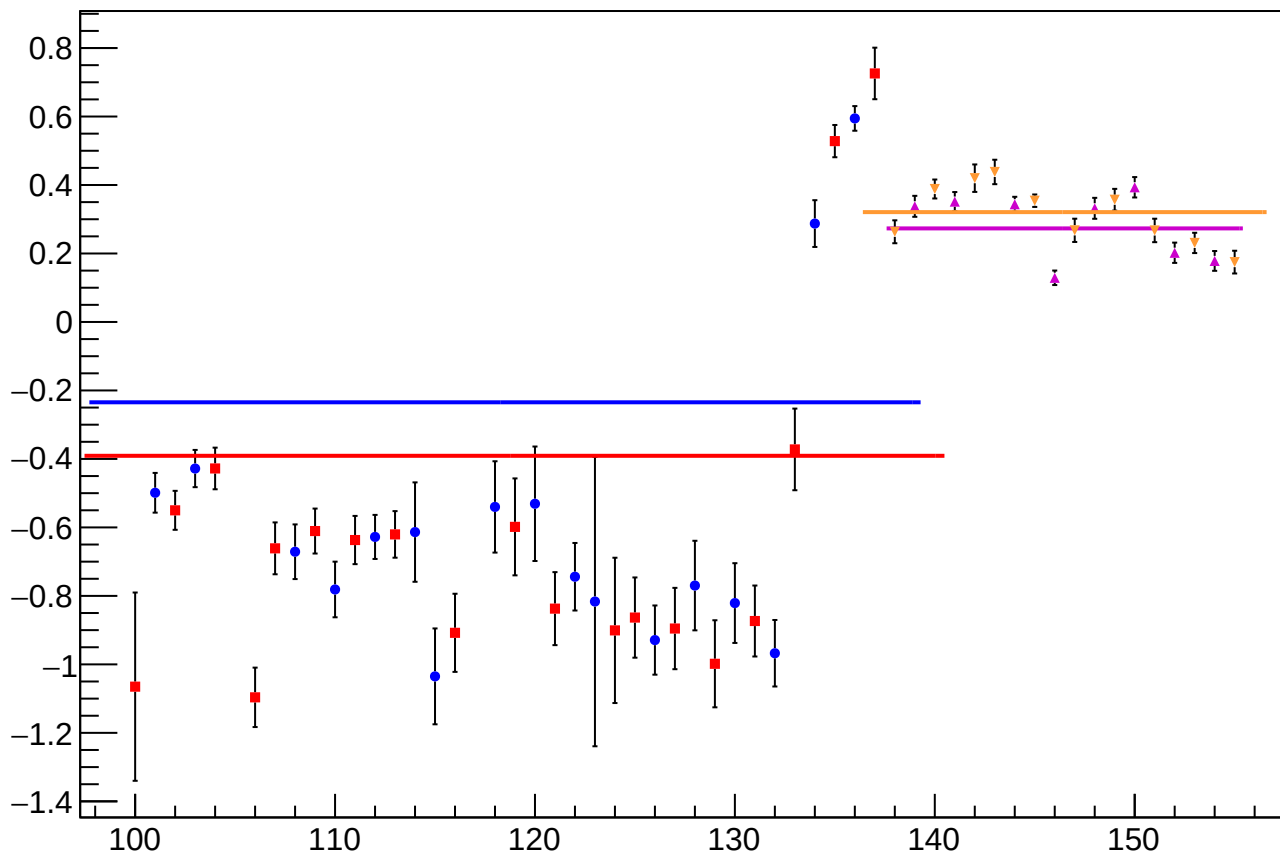
Left In: 5.662 ± 0.187 χ^2/NDF : 257.2/7

+ sign 4.337 ± 0.168 χ^2/NDF : 856.3/26

All: 4.595 ± 0.118 χ^2/NDF : 1471.4/53

- sign 4.847 ± 0.166 χ^2/NDF : 610.4/26

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235+/-0.019 χ^2/NDF : 958.4/16

Left Out: 0.321+/-0.009 χ^2/NDF : 63.9/9

Right Out: -0.391+/-0.019 χ^2/NDF : 853.3/18

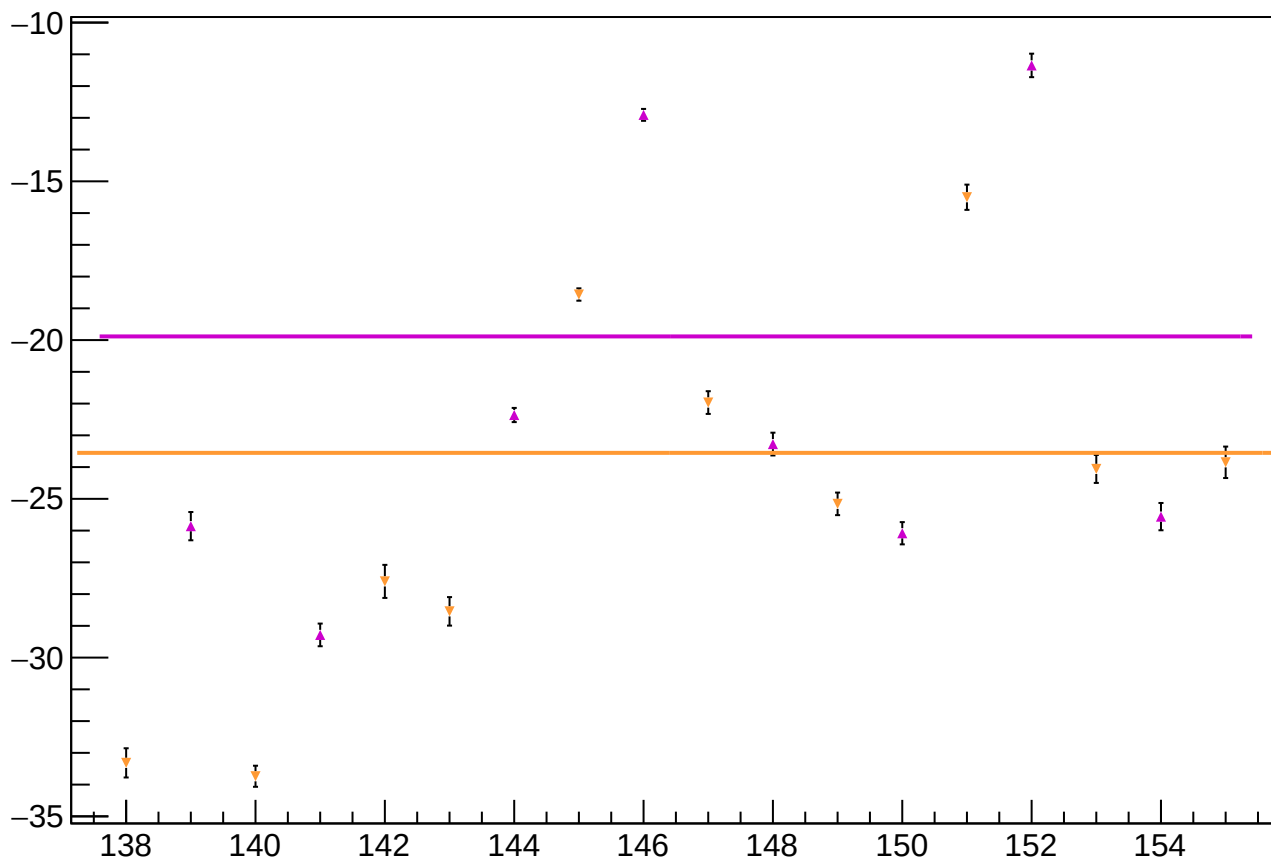
Left In: 0.273+/-0.009 χ^2/NDF : 105.7/7

+ sign 0.211+/-0.008 χ^2/NDF : 1717.1/26

All: 0.176+/-0.006 χ^2/NDF : 3693.7/53

- sign 0.141+/-0.008 χ^2/NDF : 1942.5/26

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.552+/-0.112 χ^2/NDF : 2682.8/9

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

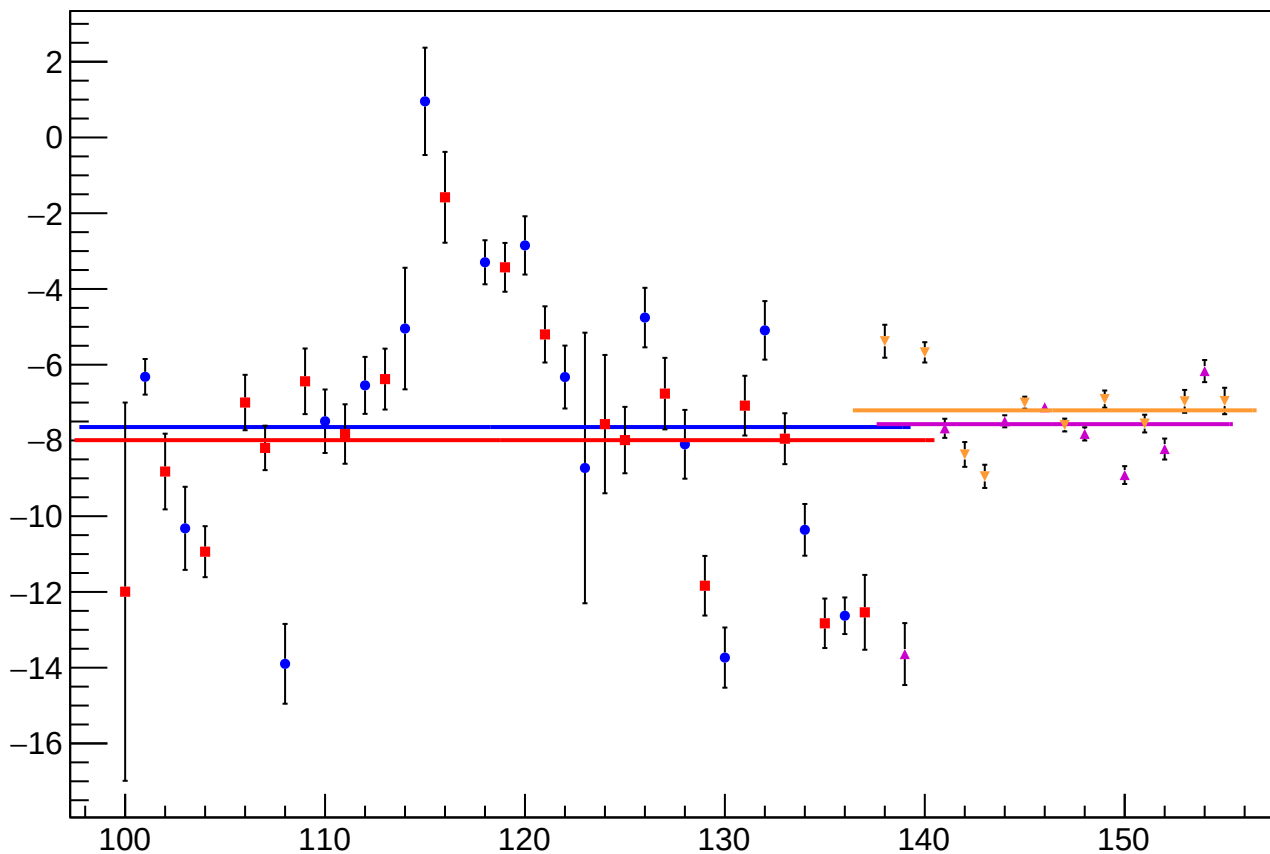
Left In: -19.885+/-0.105 χ^2/NDF : 3491.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.611+/-0.077 χ^2/NDF : 6744.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 $\pm$ 0.186 χ^2 /NDF: 393.6/16

Left Out: -7.205 $\pm$ 0.077 χ^2 /NDF:107.1/9

Right Out: -7.992 $\pm$ 0.186 χ^2 /NDF: 225.5/18

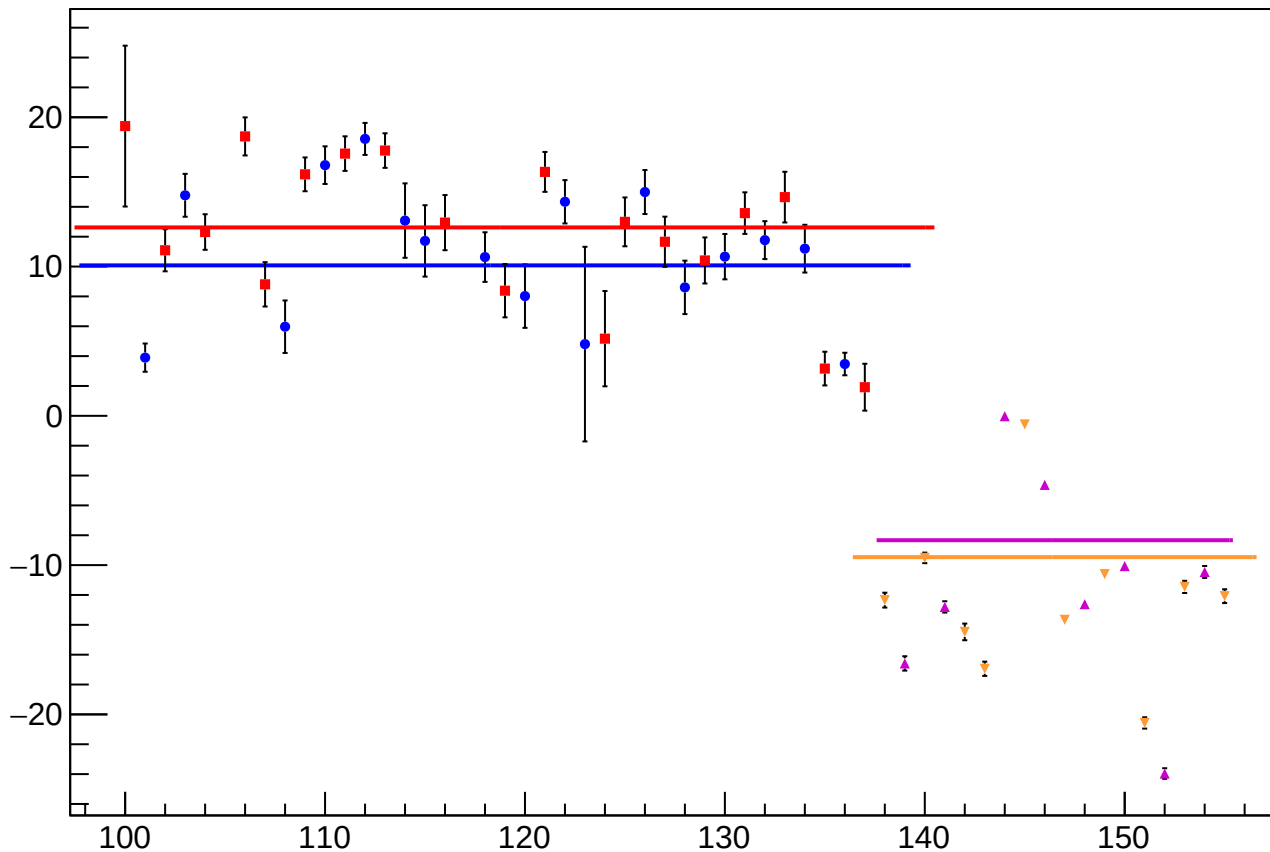
Left In: -7.570 $\pm$ 0.070 χ^2 /NDF:133.6/7

+ sign -7.269 $\pm$ 0.071 χ^2 /NDF: 505.5/26

All: -7.460 $\pm$ 0.048 χ^2 /NDF: 882.5/53

- sign -7.622 $\pm$ 0.065 χ^2 /NDF: 363.6/26

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 $\pm$ 0.337 χ^2 /NDF: 252.8/16

Left Out: -9.466 $\pm$ 0.113 χ^2 /NDF: 3296.1/9

Right Out: 12.620 $\pm$ 0.332 χ^2 /NDF: 220.0/18

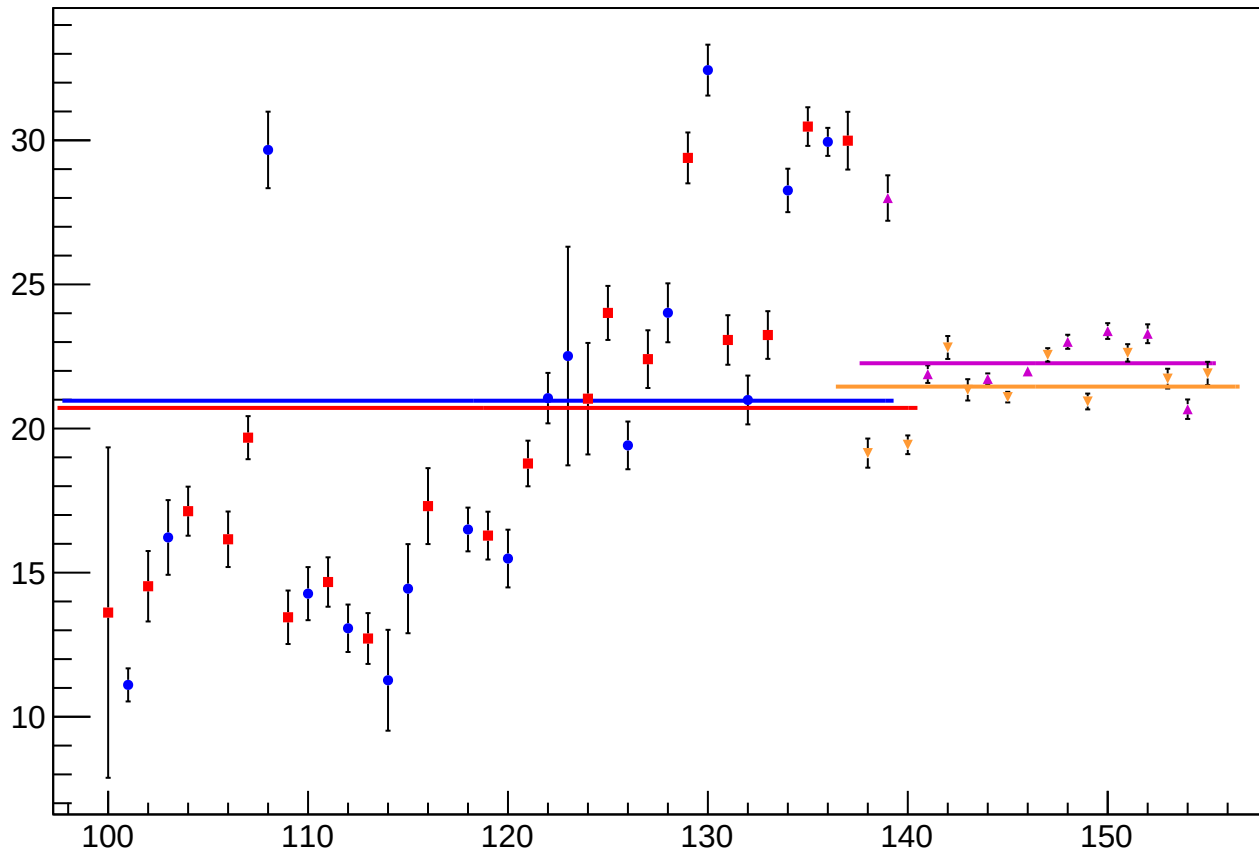
Left In: -8.332 $\pm$ 0.104 χ^2 /NDF: 4227.6/7

+ sign -7.499 $\pm$ 0.107 χ^2 /NDF: 6577.5/26

All: -6.939 $\pm$ 0.073 χ^2 /NDF: 14692.5/53

- sign -6.454 $\pm$ 0.100 χ^2 /NDF: 8063.9/26

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 20.965 $\pm$ 0.209 χ^2/NDF : 1225.5/16

Left Out: 21.455 $\pm$ 0.094 χ^2/NDF : 117.8/9

Right Out: 20.716 $\pm$ 0.213 χ^2/NDF : 729.9/18

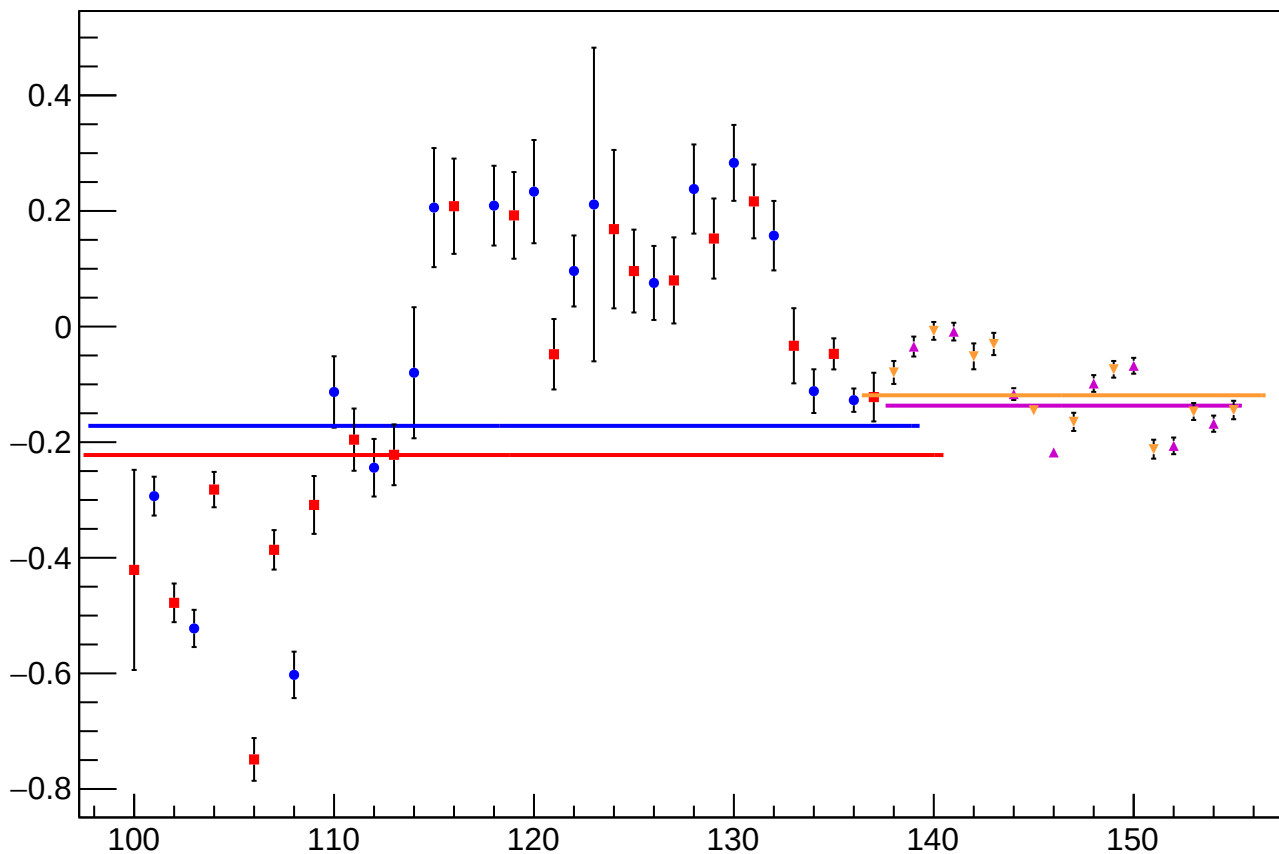
Left In: 22.265 $\pm$ 0.086 χ^2/NDF : 124.3/7

+ sign 21.373 $\pm$ 0.086 χ^2/NDF : 1347.8/26

All: 21.733 $\pm$ 0.058 χ^2/NDF : 2280.7/53

- sign 22.047 $\pm$ 0.080 χ^2/NDF : 899.8/26

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.119 ± 0.005 χ^2/NDF : 153.8/9

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

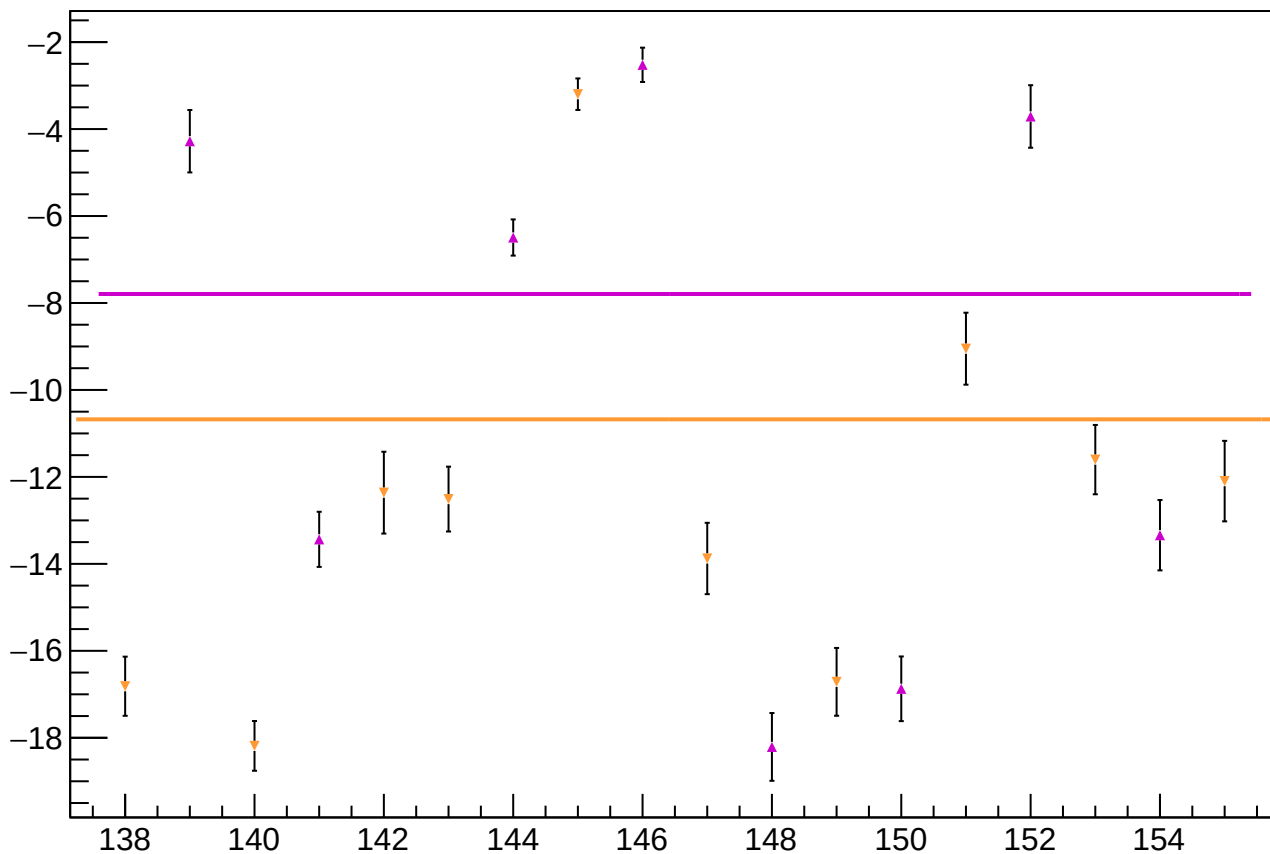
Left In: -0.137 ± 0.004 χ^2/NDF : 261.0/7

+ sign -0.126 ± 0.004 χ^2/NDF : 637.1/26

All: -0.138 ± 0.003 χ^2/NDF : 1501.0/53

- sign -0.149 ± 0.004 χ^2/NDF : 849.5/26

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.676 $\pm$ 0.208 χ^2 /NDF: 770.9/9

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

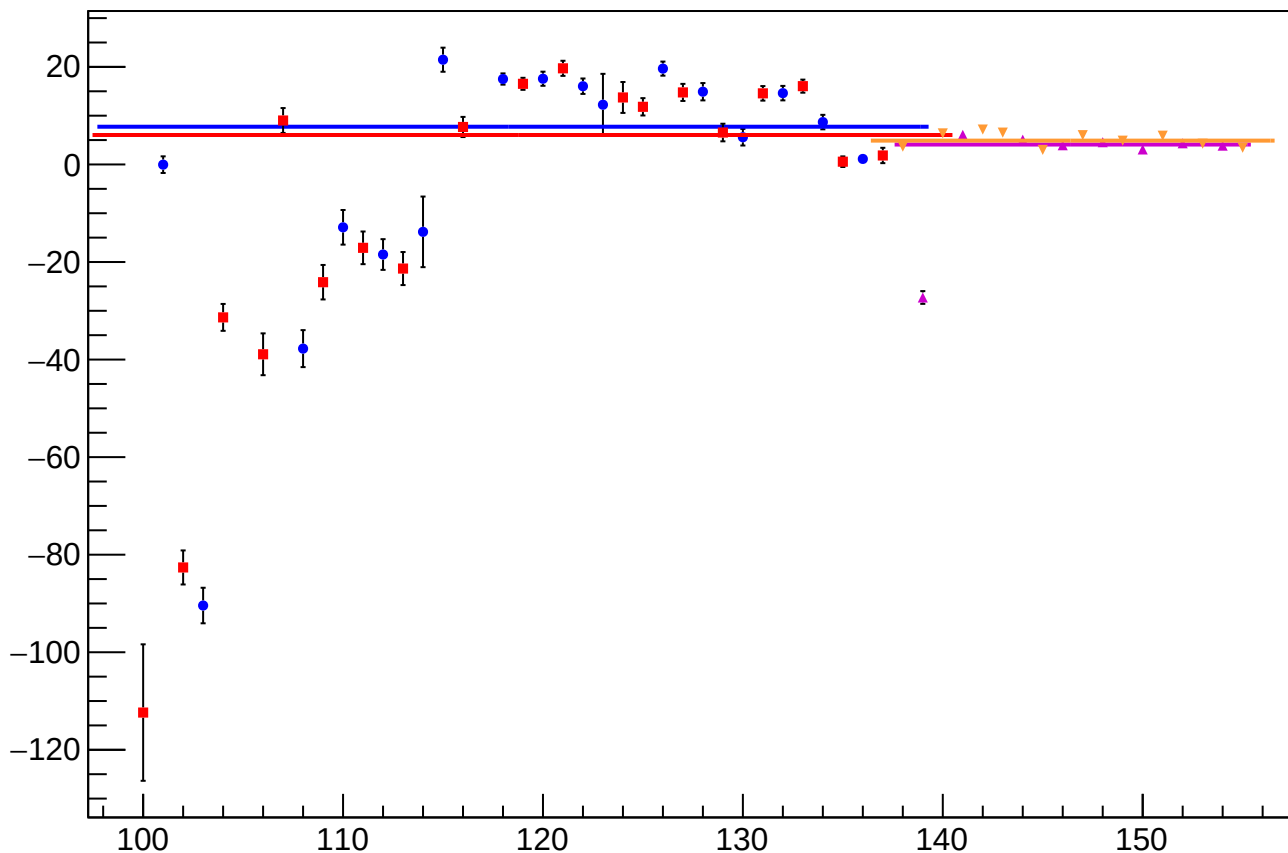
Left In: -7.793 $\pm$ 0.206 χ^2 /NDF: 698.4/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.220 $\pm$ 0.146 χ^2 /NDF: 1566.2/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.736 ± 0.403 χ^2/NDF : 1358.4/16

Left Out: 4.886 ± 0.147 χ^2/NDF : 101.2/9

Right Out: 6.040 ± 0.434 χ^2/NDF : 1512.1/18

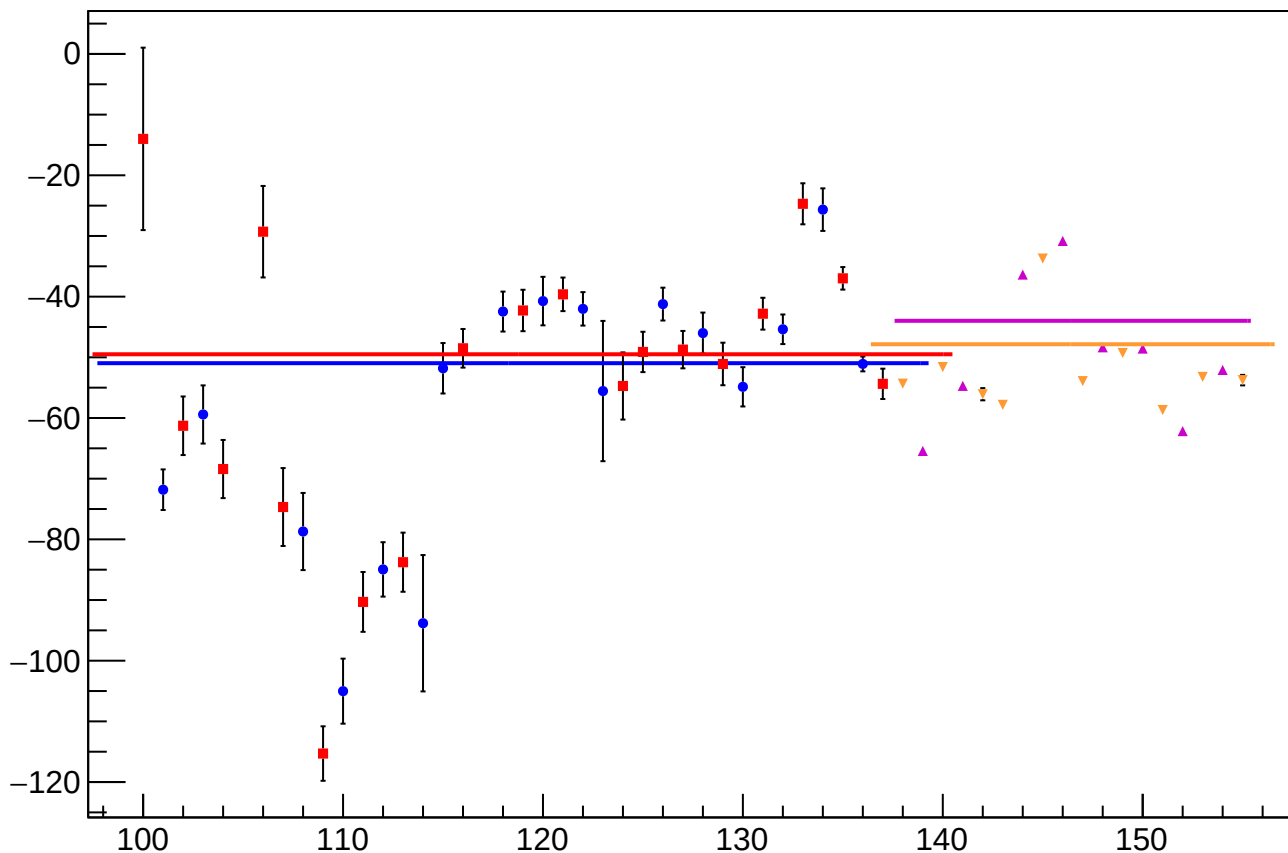
Left In: 4.084 ± 0.141 χ^2/NDF : 612.7/7

+ sign 5.221 ± 0.138 χ^2/NDF : 1503.9/26

All: 4.732 ± 0.096 χ^2/NDF : 3671.5/53

- sign 4.270 ± 0.134 χ^2/NDF : 2143.2/26

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -47.845 ± 0.213 χ^2/NDF : 2022.7/9

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

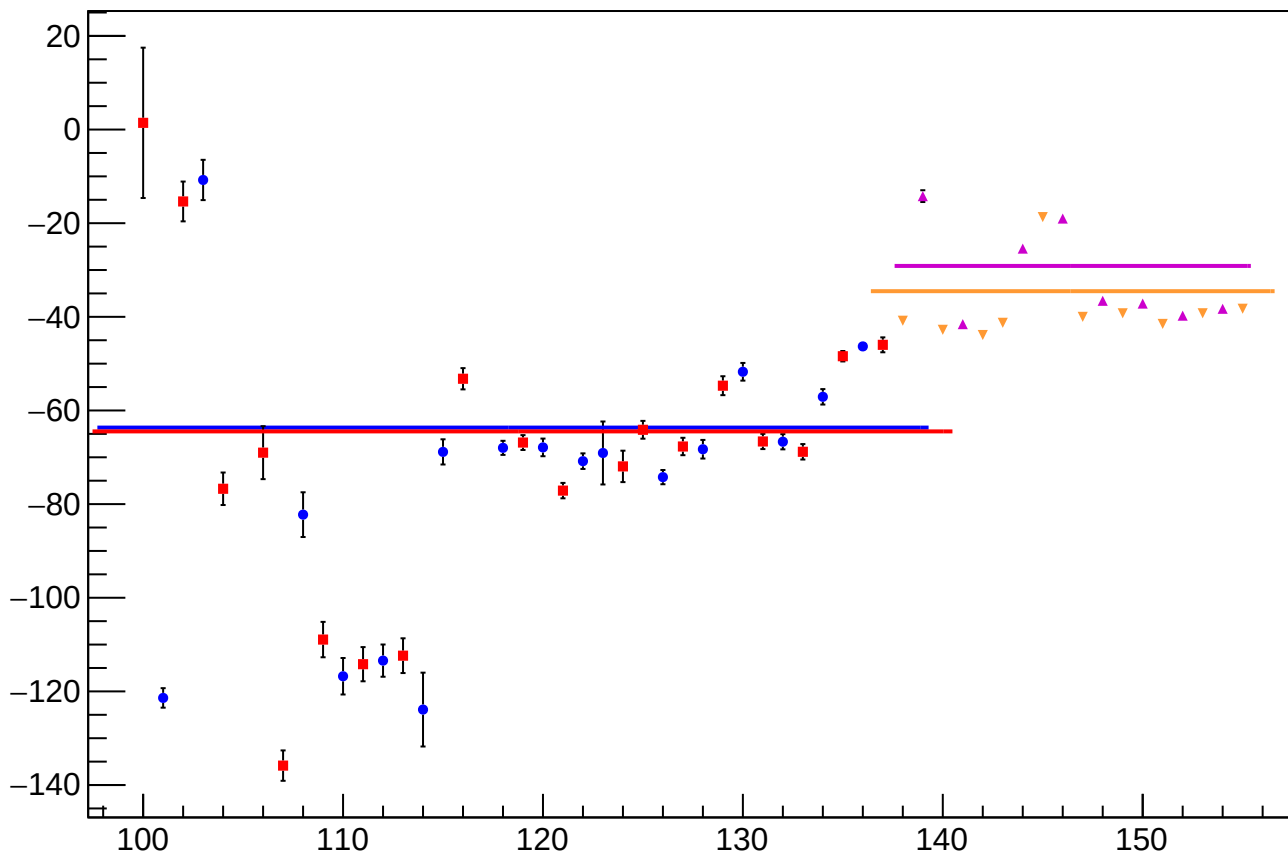
Left In: -43.983 ± 0.206 χ^2/NDF : 3401.9/7

+ sign -48.085 ± 0.204 χ^2/NDF : 2371.9/26

All: -46.157 ± 0.143 χ^2/NDF : 6502.4/53

- sign -44.327 ± 0.199 χ^2/NDF : 3957.1/26

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -34.521 ± 0.178 χ^2/NDF : 3192.7/9

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

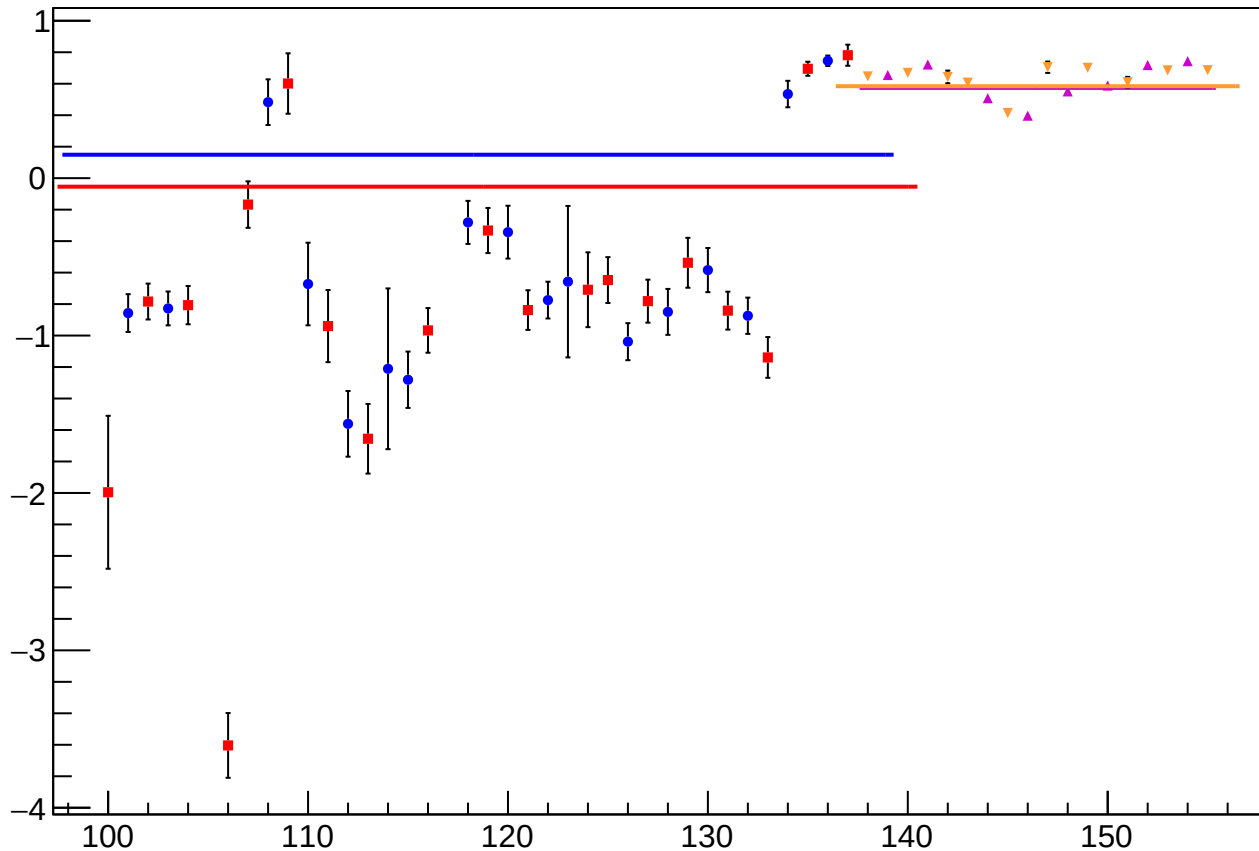
Left In: -29.127 ± 0.172 χ^2/NDF : 2684.9/7

+ sign -38.530 ± 0.165 χ^2/NDF : 8898.1/26

All: -35.781 ± 0.116 χ^2/NDF : 18492.3/53

- sign -33.127 ± 0.162 χ^2/NDF : 9050.0/26

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 ± 0.024 χ^2/NDF : 989.9/16

Left Out: 0.584 ± 0.009 χ^2/NDF : 194.8/9

Right Out: -0.054 ± 0.026 χ^2/NDF : 1167.9/18

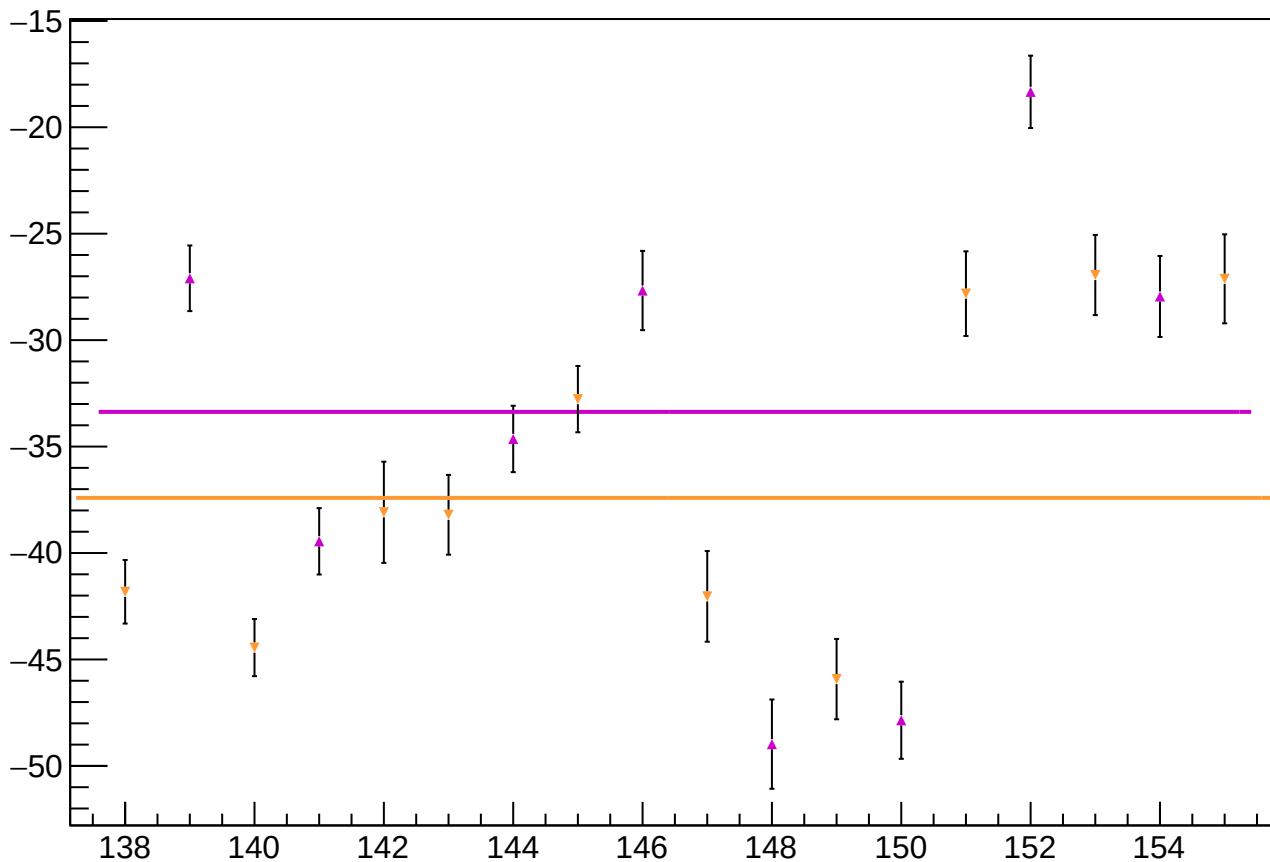
Left In: 0.573 ± 0.009 χ^2/NDF : 216.7/7

+ sign 0.535 ± 0.008 χ^2/NDF : 1477.1/26

All: 0.524 ± 0.006 χ^2/NDF : 3383.2/53

- sign 0.512 ± 0.008 χ^2/NDF : 1902.1/26

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -37.410+/-0.564 χ^2/NDF : 148.8/9

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

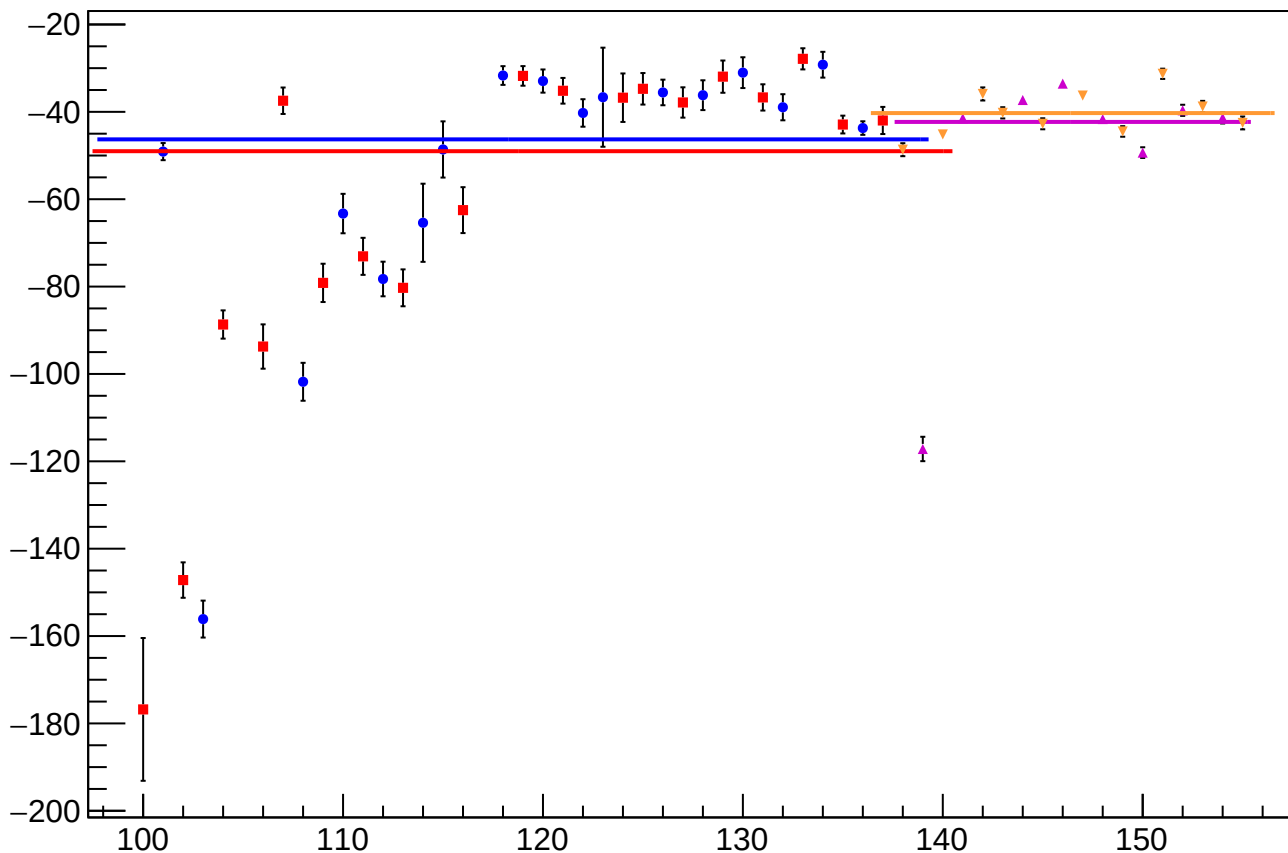
Left In: -33.370+/-0.610 χ^2/NDF : 247.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.549+/-0.414 χ^2/NDF : 419.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -40.282 ± 0.396 χ^2/NDF : 153.9/9

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

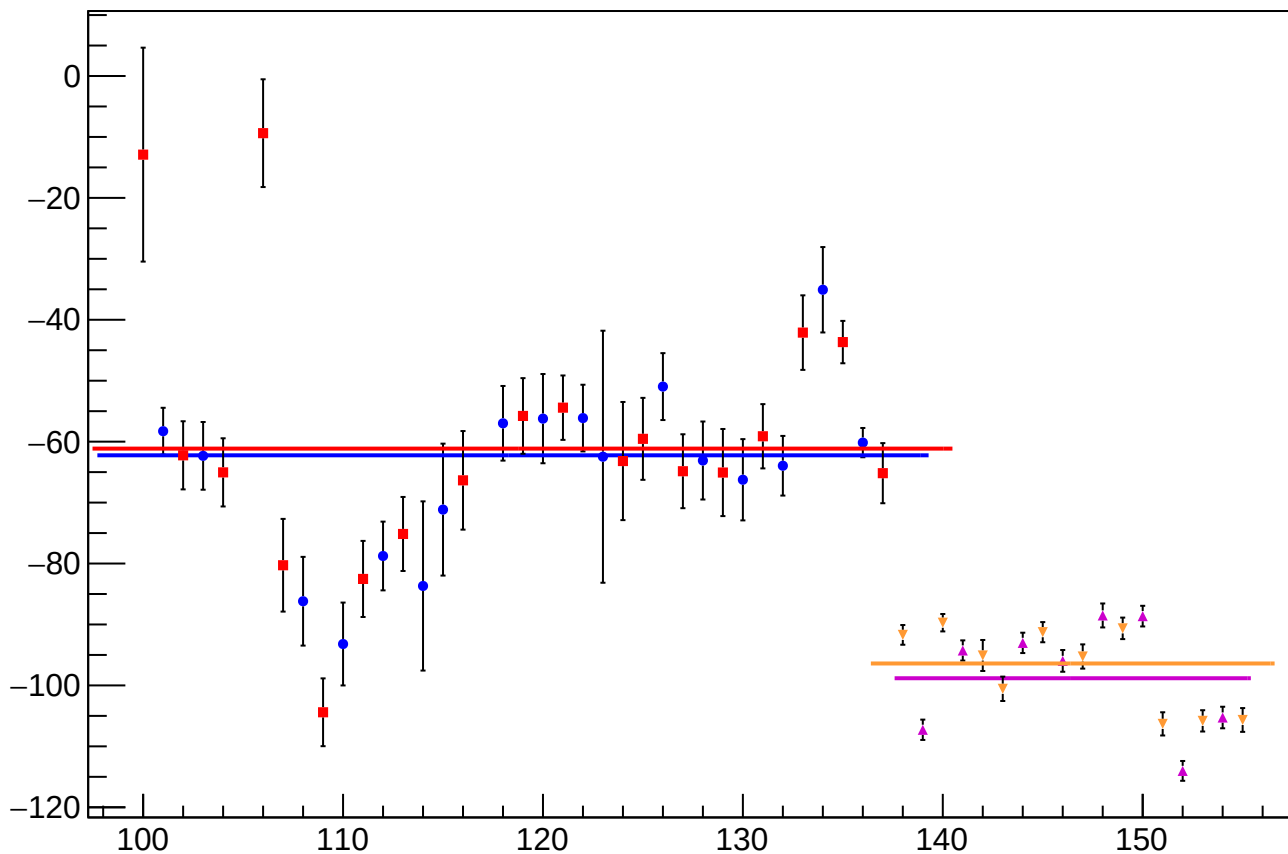
Left In: -42.307 ± 0.433 χ^2/NDF : 837.5/7

+ sign -41.669 ± 0.347 χ^2/NDF : 1291.3/26

All: -42.710 ± 0.255 χ^2/NDF : 3478.4/53

- sign -43.935 ± 0.376 χ^2/NDF : 2167.5/26

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.242 ± 1.310 $\chi^2/\text{NDF}: 67.4/16$

Left Out: -96.402 ± 0.570 $\chi^2/\text{NDF}: 134.3/9$

Right Out: -61.142 ± 1.379 $\chi^2/\text{NDF}: 165.6/18$

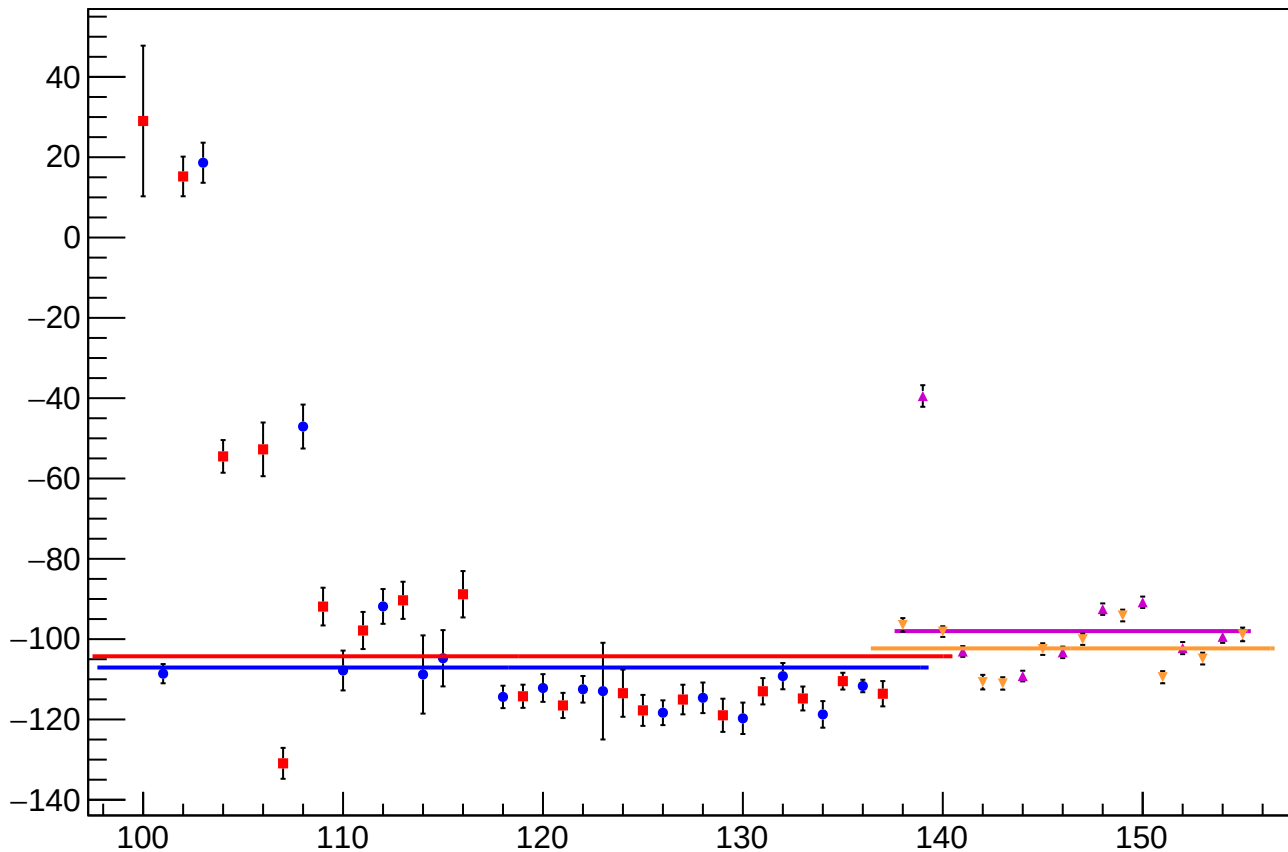
Left In: -98.823 ± 0.608 $\chi^2/\text{NDF}: 212.3/7$

+ sign -90.971 ± 0.522 $\chi^2/\text{NDF}: 773.4/26$

All: -91.774 ± 0.381 $\chi^2/\text{NDF}: 1781.0/53$

- sign -92.687 ± 0.557 $\chi^2/\text{NDF}: 1002.5/26$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -102.300 ± 0.480 χ^2/NDF : 138.5/9

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

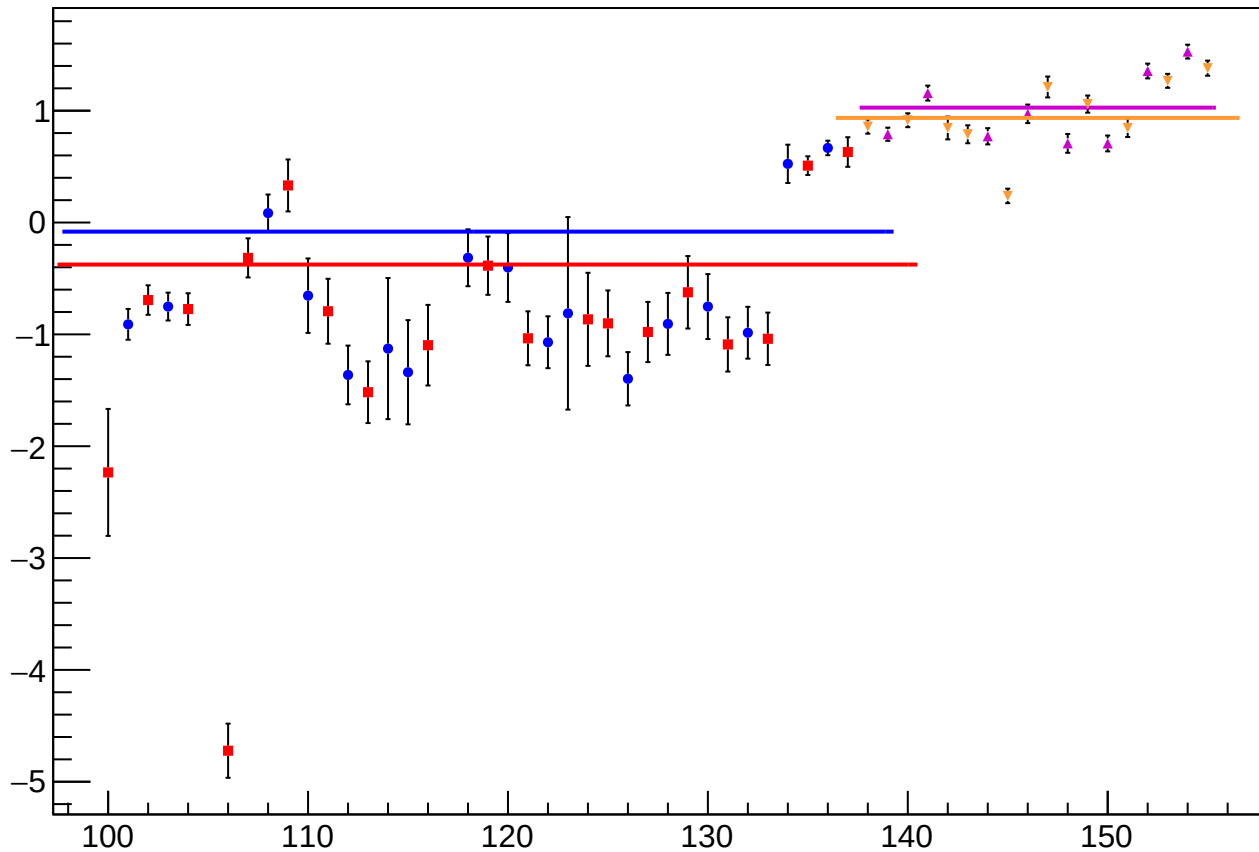
Left In: -97.998 ± 0.525 χ^2/NDF : 622.9/7

+ sign -103.538 ± 0.413 χ^2/NDF : 992.4/26

All: -101.772 ± 0.304 χ^2/NDF : 2712.3/53

- sign -99.697 ± 0.448 χ^2/NDF : 1680.2/26

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081 ± 0.042 χ^2/NDF : 329.0/16

Left Out: 0.936 ± 0.023 χ^2/NDF : 205.3/9

Right Out: -0.376 ± 0.044 χ^2/NDF : 583.0/18

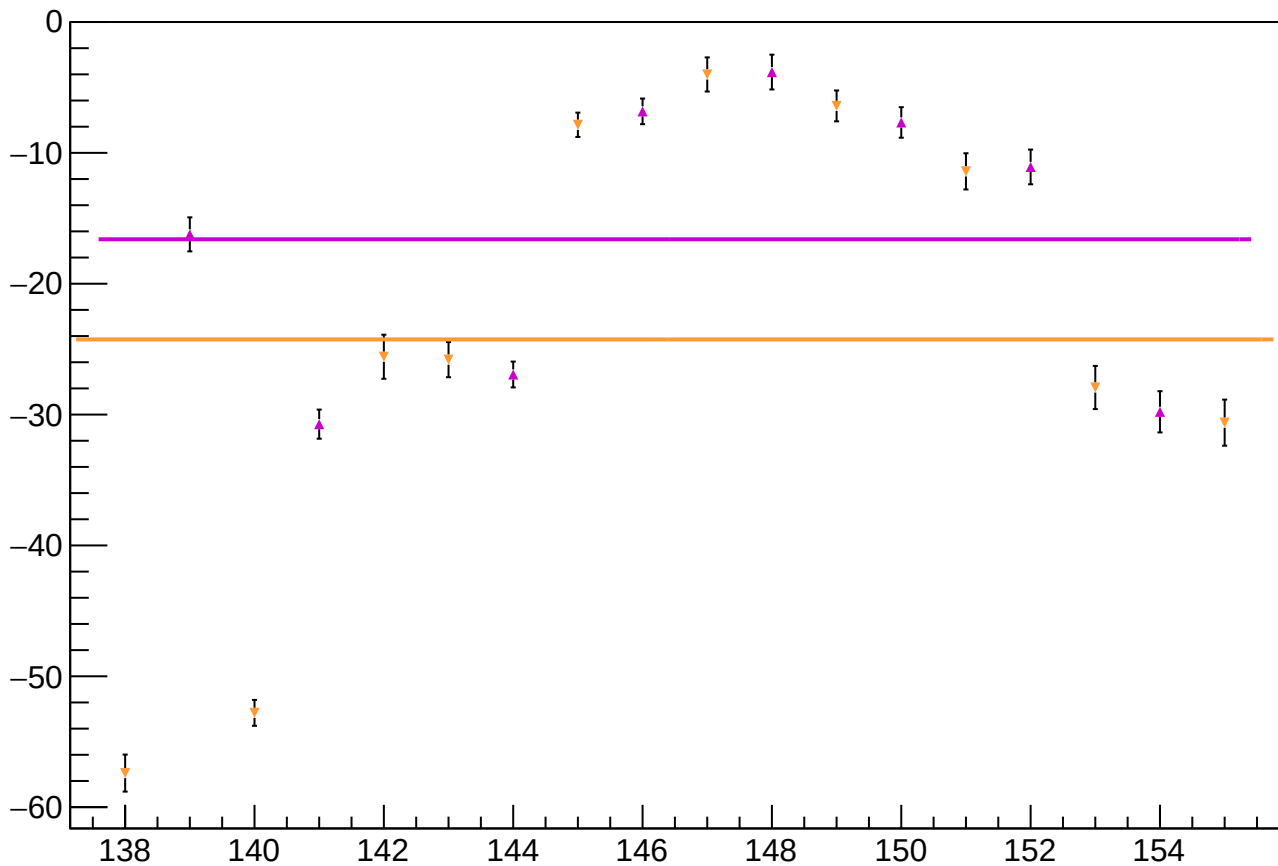
Left In: 1.027 ± 0.024 χ^2/NDF : 157.3/7

+ sign 0.703 ± 0.020 χ^2/NDF : 983.1/26

All: 0.700 ± 0.015 χ^2/NDF : 2503.6/53

- sign 0.695 ± 0.021 χ^2/NDF : 1520.4/26

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -24.257+/-0.405 χ^2/NDF : 2266.3/9

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

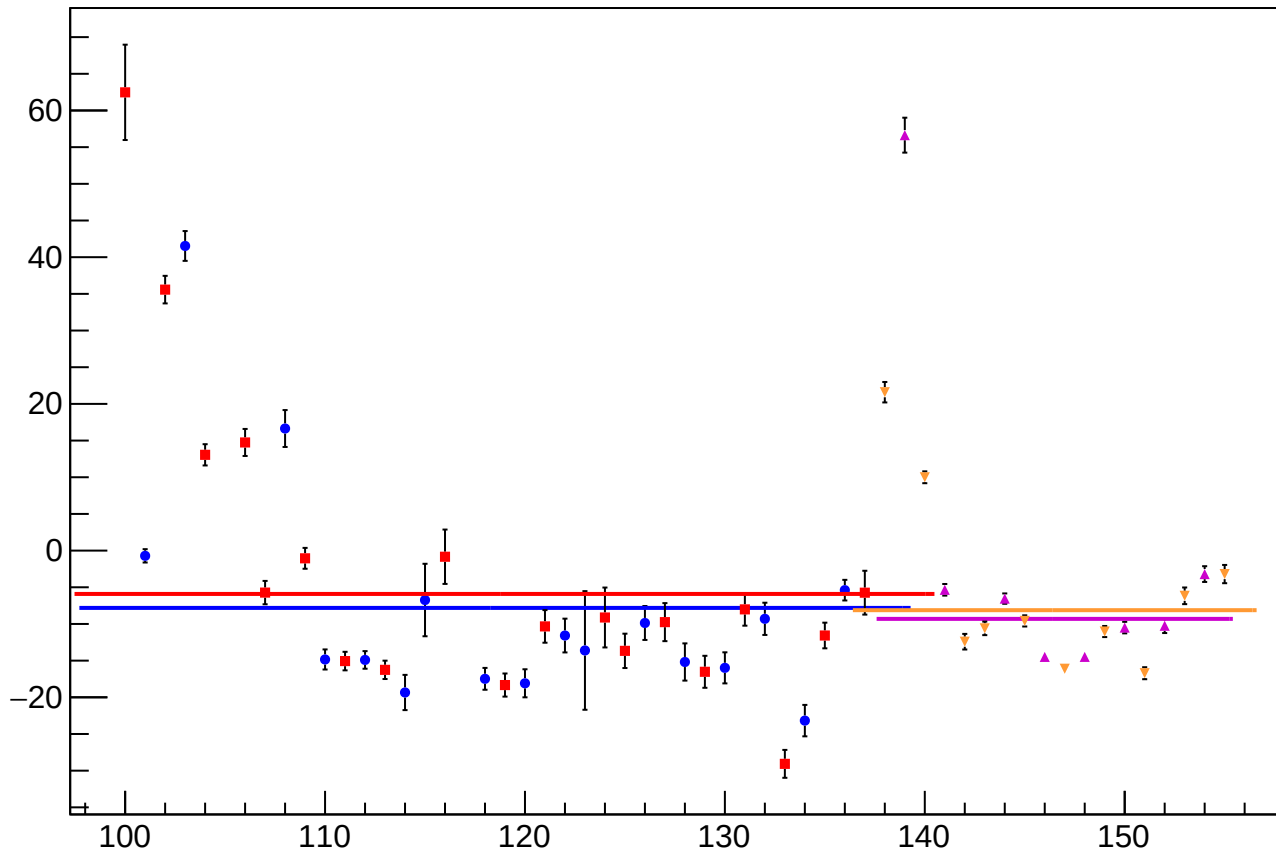
Left In: -16.603+/-0.417 χ^2/NDF : 608.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.547+/-0.291 χ^2/NDF : 3048.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.812 ± 0.427 χ^2/NDF : 982.8/16

Left Out: -8.122 ± 0.277 χ^2/NDF : 1292.2/9

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

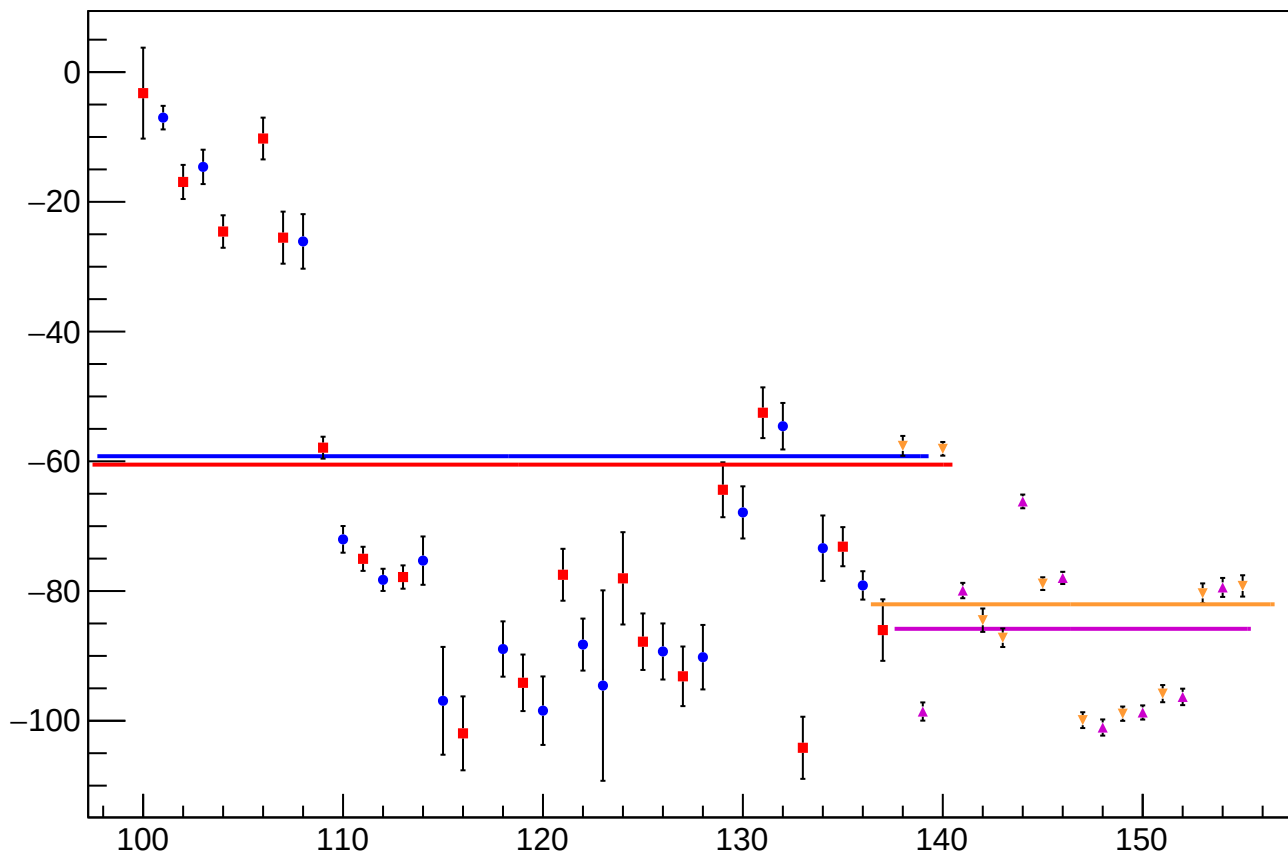
Left In: -9.308 ± 0.285 χ^2/NDF : 977.8/7

+ sign -8.030 ± 0.232 χ^2/NDF : 2275.3/26

All: -8.145 ± 0.166 χ^2/NDF : 4590.3/53

- sign -8.266 ± 0.238 χ^2/NDF : 2314.4/26

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -82.044 ± 0.408 χ^2/NDF : 1356.2/9

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

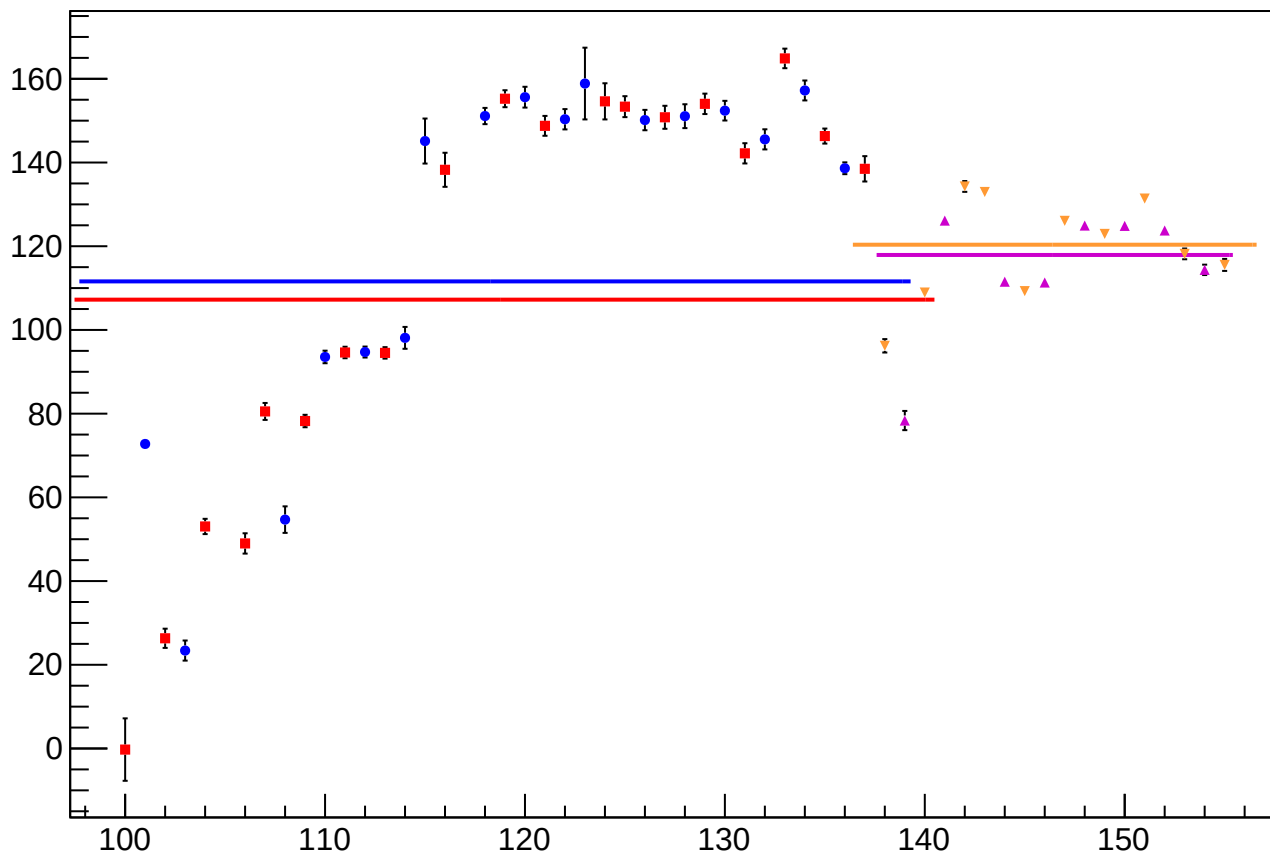
Left In: -85.824 ± 0.415 χ^2/NDF : 897.7/7

+ sign -76.768 ± 0.358 χ^2/NDF : 3801.0/26

All: -78.038 ± 0.253 χ^2/NDF : 7067.3/53

- sign -79.307 ± 0.357 χ^2/NDF : 3241.0/26

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 111.599 $\pm$ 0.487 χ^2/NDF : 5959.5/16

Left Out: 120.363 $\pm$ 0.339 χ^2/NDF : 946.8/9

Right Out: 107.238 $\pm$ 0.488 χ^2/NDF : 7037.4/18

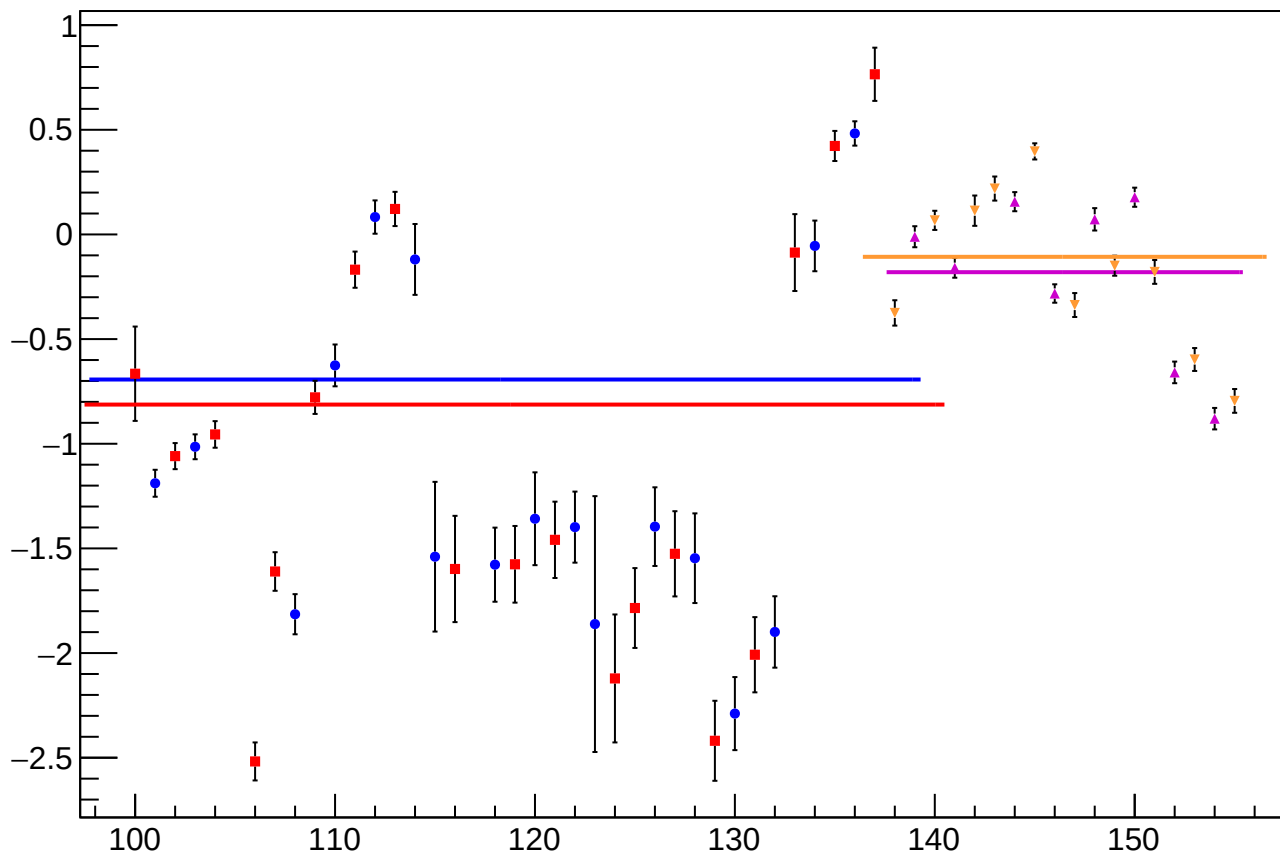
Left In: 117.914 $\pm$ 0.349 χ^2/NDF : 654.1/7

+ sign 117.502 $\pm$ 0.278 χ^2/NDF : 7124.9/26

All: 115.933 $\pm$ 0.199 χ^2/NDF : 15198.3/53

- sign 114.297 $\pm$ 0.284 χ^2/NDF : 8008.4/26

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: -0.107 ± 0.017 χ^2/NDF : 491.5/9

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

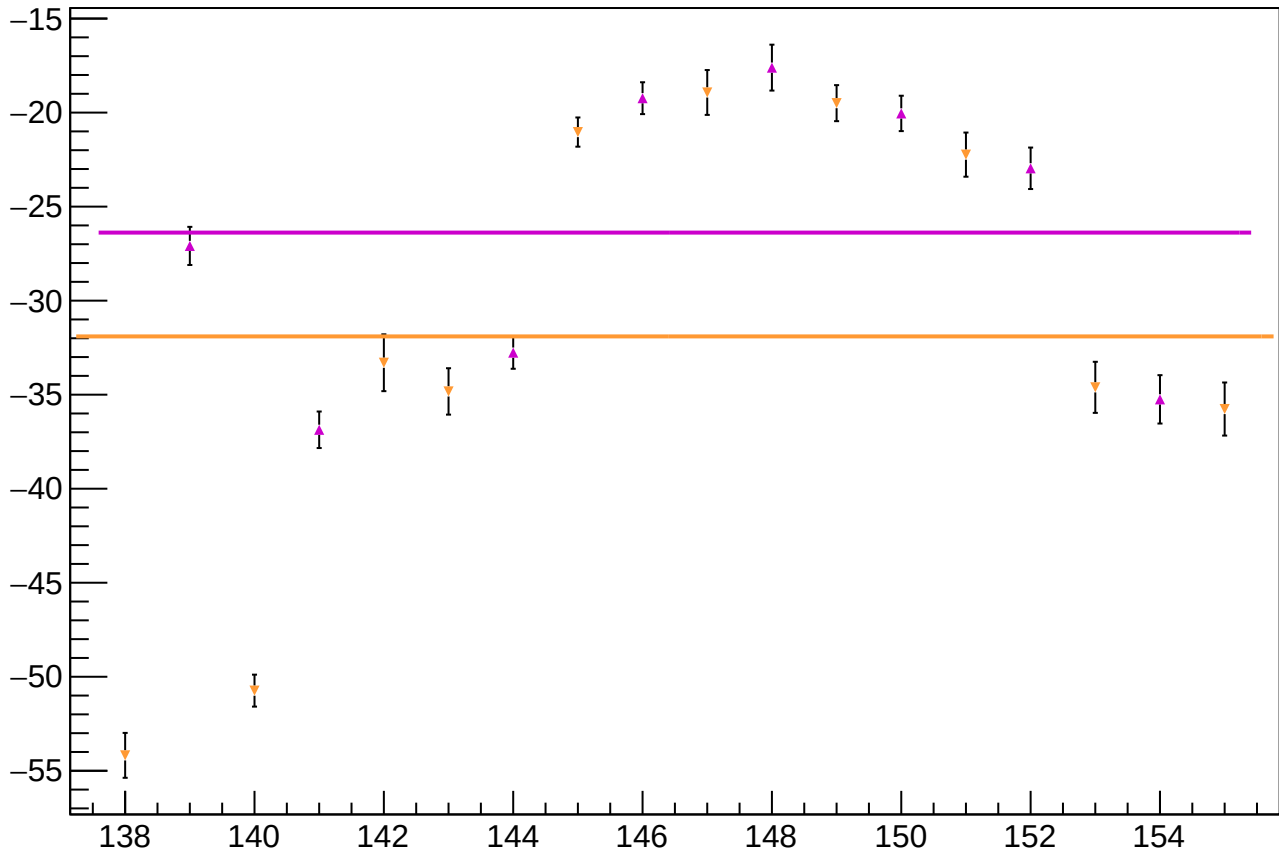
Left In: -0.180 ± 0.017 χ^2/NDF : 427.2/7

+ sign -0.280 ± 0.014 χ^2/NDF : 1849.5/26

All: -0.334 ± 0.010 χ^2/NDF : 4070.3/53

- sign -0.390 ± 0.014 χ^2/NDF : 2189.9/26

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.902+/-0.345 χ^2/NDF : 1406.9/9

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

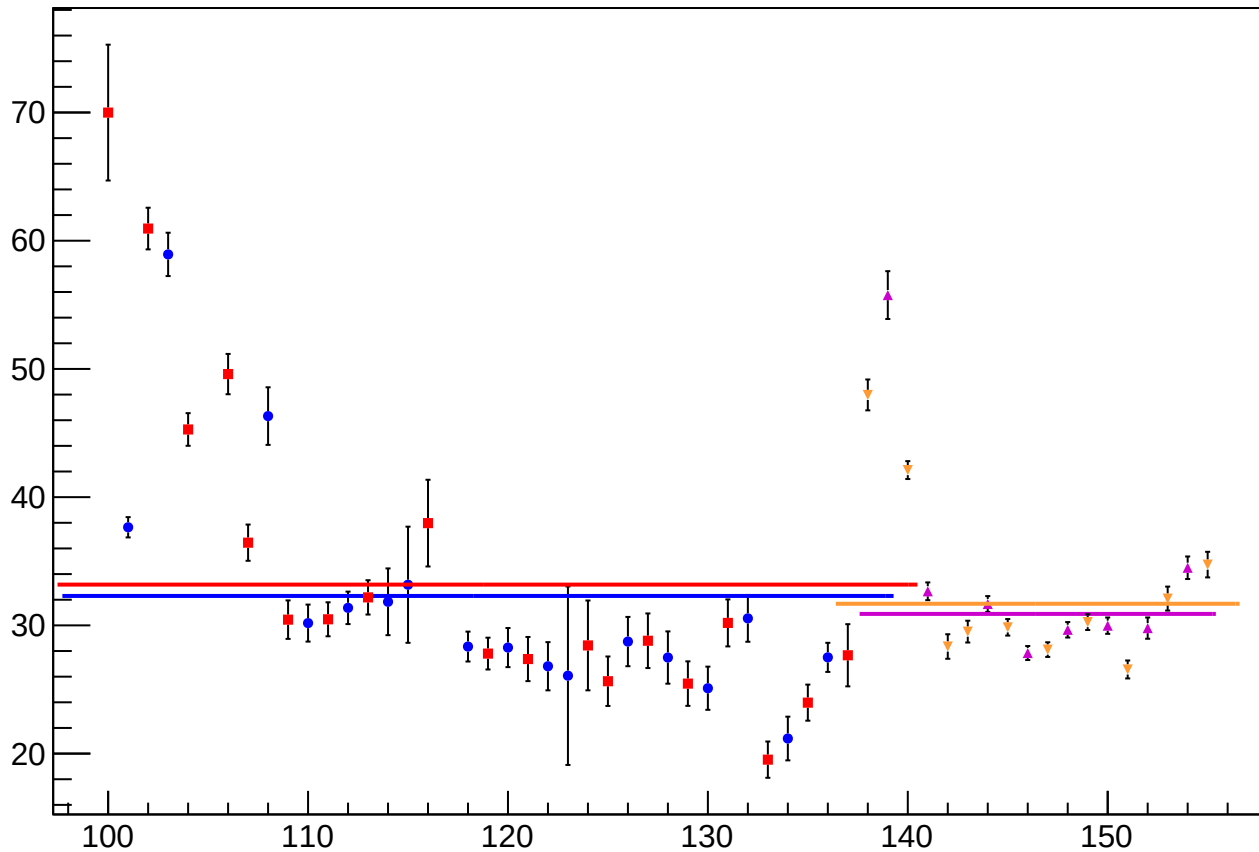
Left In: -26.381+/-0.353 χ^2/NDF : 397.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.207+/-0.247 χ^2/NDF : 1929.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.295 ± 0.373 $\chi^2/\text{NDF}: 452.2/16$

Left Out: 31.685 ± 0.239 $\chi^2/\text{NDF}: 540.7/9$

Right Out: 33.180 ± 0.379 $\chi^2/\text{NDF}: 770.3/18$

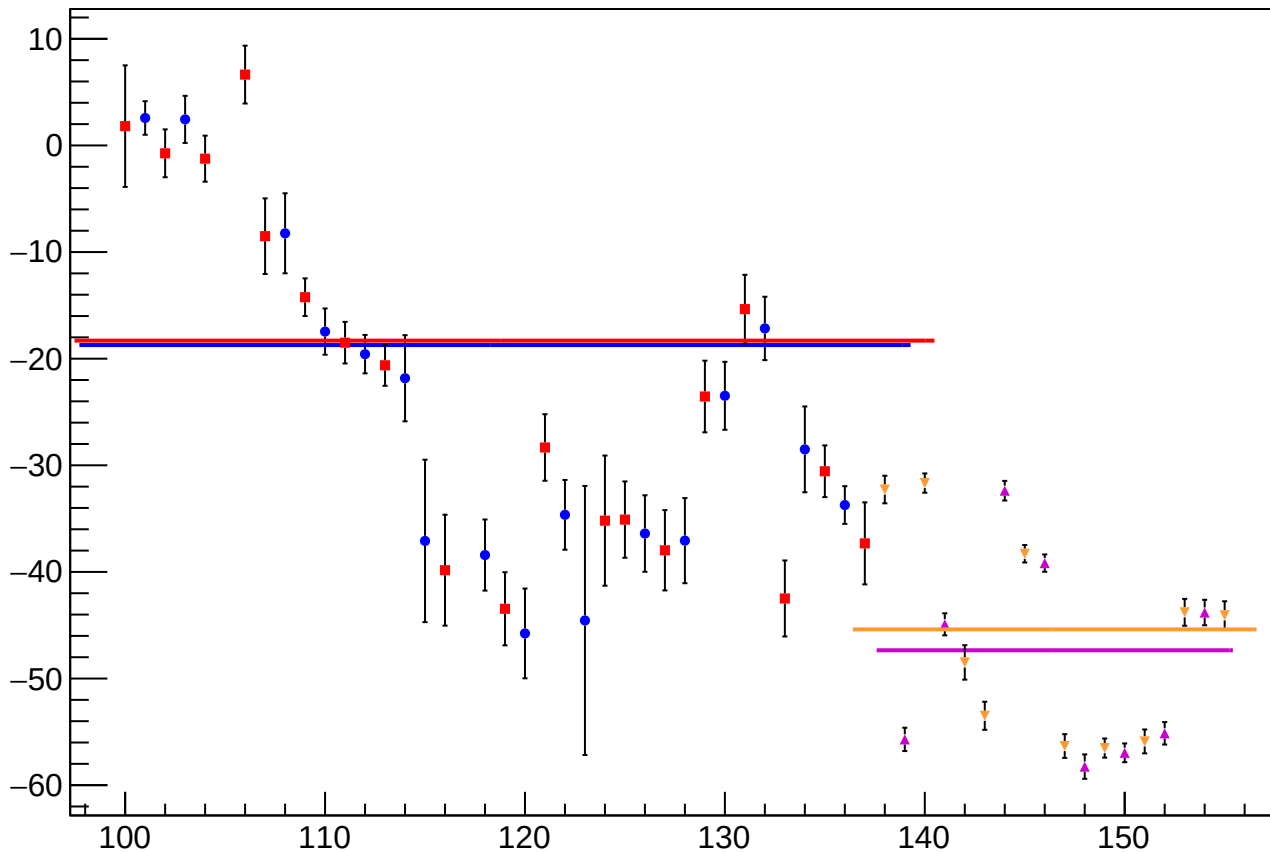
Left In: 30.894 ± 0.247 $\chi^2/\text{NDF}: 241.9/7$

+ sign 31.863 ± 0.201 $\chi^2/\text{NDF}: 994.8/26$

All: 31.724 ± 0.144 $\chi^2/\text{NDF}: 2033.5/53$

- sign 31.577 ± 0.207 $\chi^2/\text{NDF}: 1037.6/26$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 $\chi^2/\text{NDF}: 519.6/16$

Left Out: -45.392 ± 0.347 $\chi^2/\text{NDF}: 790.2/9$

Right Out: -18.306 ± 0.644 $\chi^2/\text{NDF}: 472.6/18$

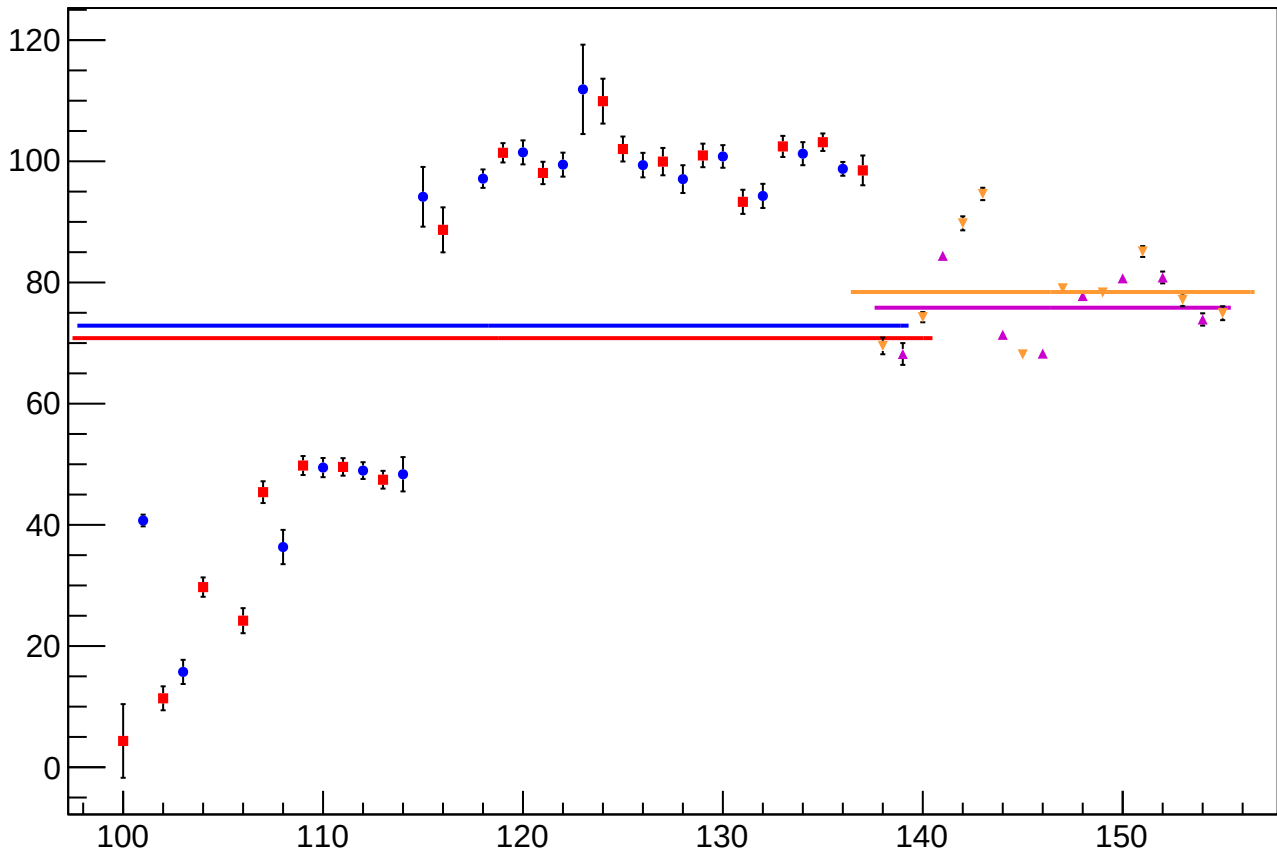
Left In: -47.349 ± 0.351 $\chi^2/\text{NDF}: 702.5/7$

+ sign -39.696 ± 0.307 $\chi^2/\text{NDF}: 2573.4/26$

All: -40.191 ± 0.218 $\chi^2/\text{NDF}: 5323.4/53$

- sign -40.688 ± 0.308 $\chi^2/\text{NDF}: 2744.8/26$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 $\pm$ 0.426 χ^2 /NDF: 4737.9/16

Left Out: 78.431 $\pm$ 0.291 χ^2 /NDF: 674.8/9

Right Out: 70.815 $\pm$ 0.433 χ^2 /NDF: 5489.3/18

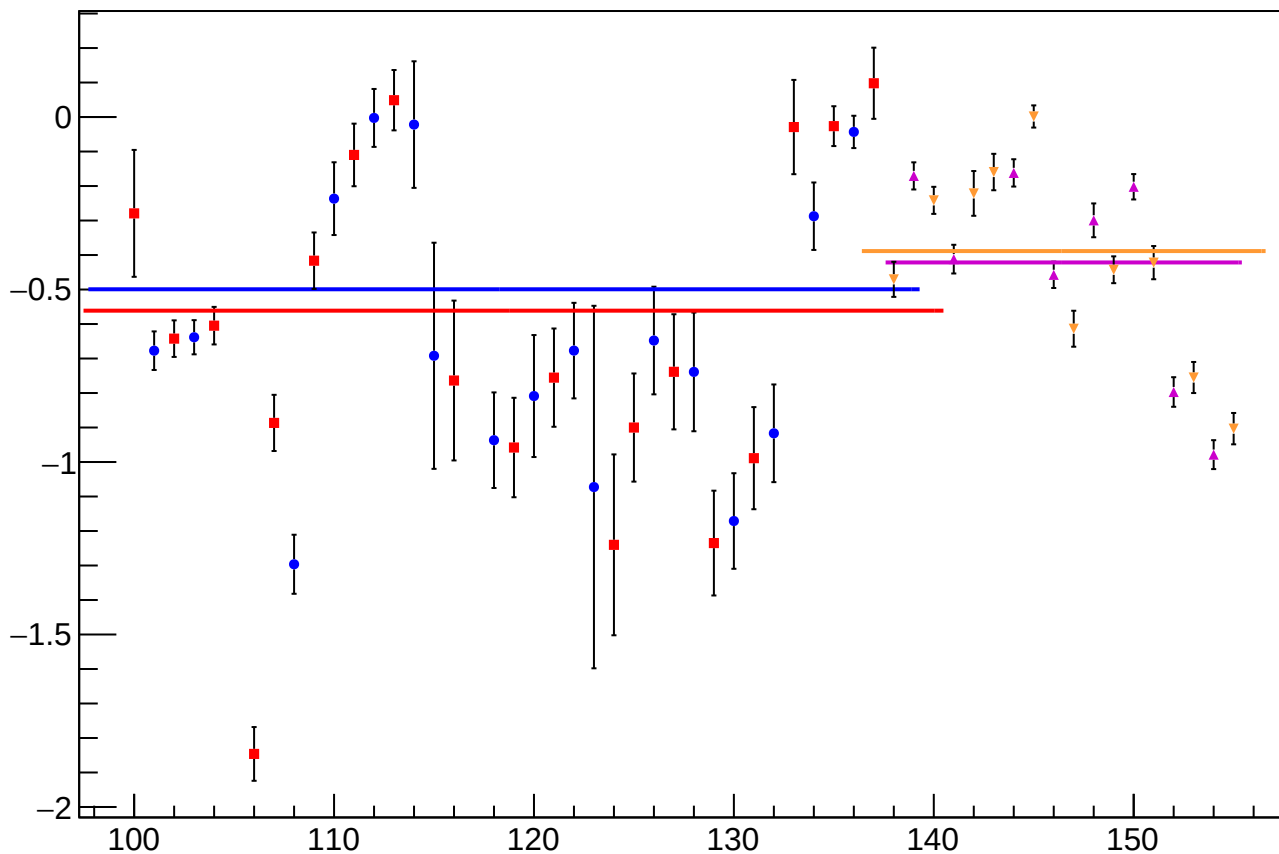
Left In: 75.837 $\pm$ 0.300 χ^2 /NDF: 365.3/7

+ sign 76.663 $\pm$ 0.240 χ^2 /NDF: 5528.8/26

All: 75.468 $\pm$ 0.172 χ^2 /NDF: 11524.9/53

- sign 74.210 $\pm$ 0.247 χ^2 /NDF: 5945.4/26

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499±/0.022 χ^2/NDF : 303.5/16

Left Out: -0.389±/0.014 χ^2/NDF : 404.7/9

Right Out: -0.561±/0.021 χ^2/NDF : 562.3/18

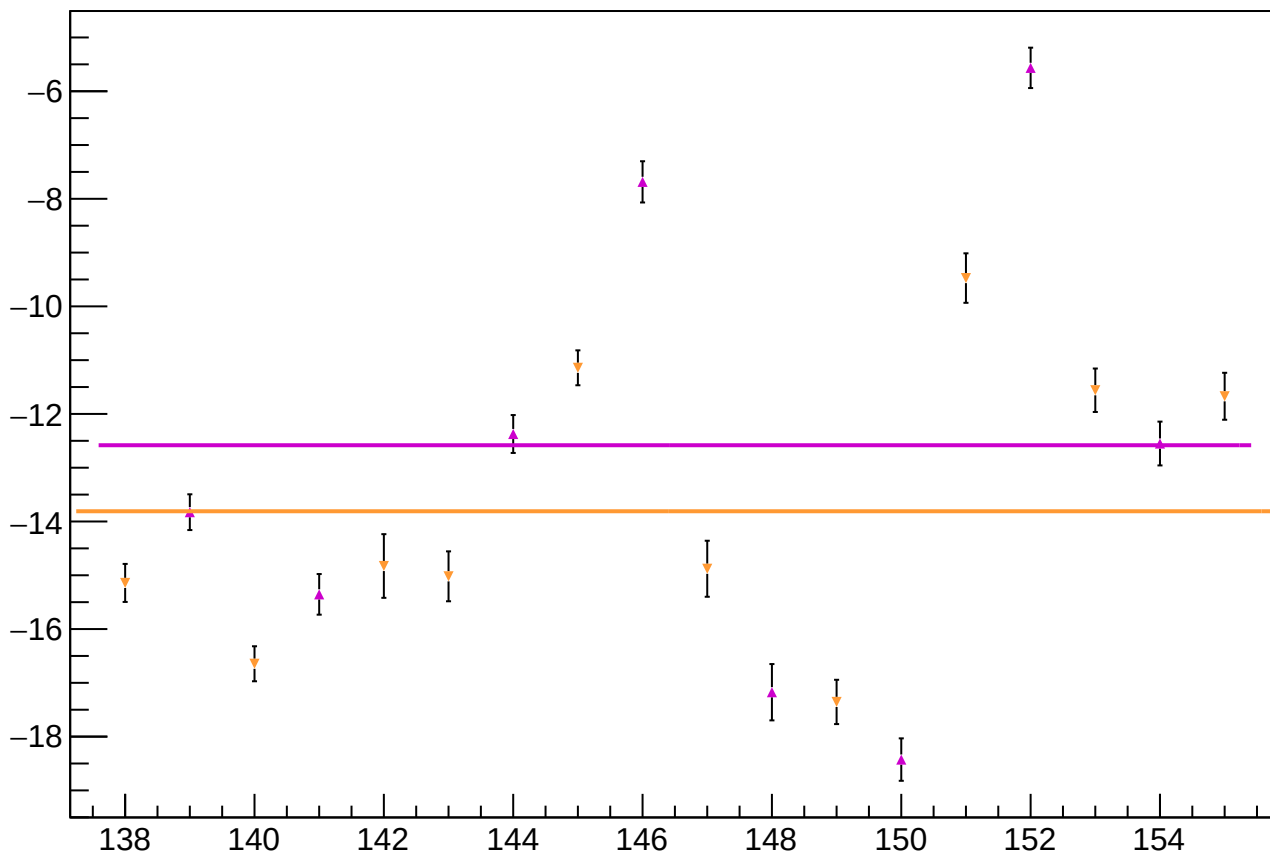
Left In: -0.422±/0.014 χ^2/NDF : 379.7/7

+ sign -0.420±/0.012 χ^2/NDF : 725.8/26

All: -0.443±/0.008 χ^2/NDF : 1704.3/53

- sign -0.465±/0.012 χ^2/NDF : 971.4/26

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.810 $\pm$ 0.129 χ^2 /NDF:389.5/9

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

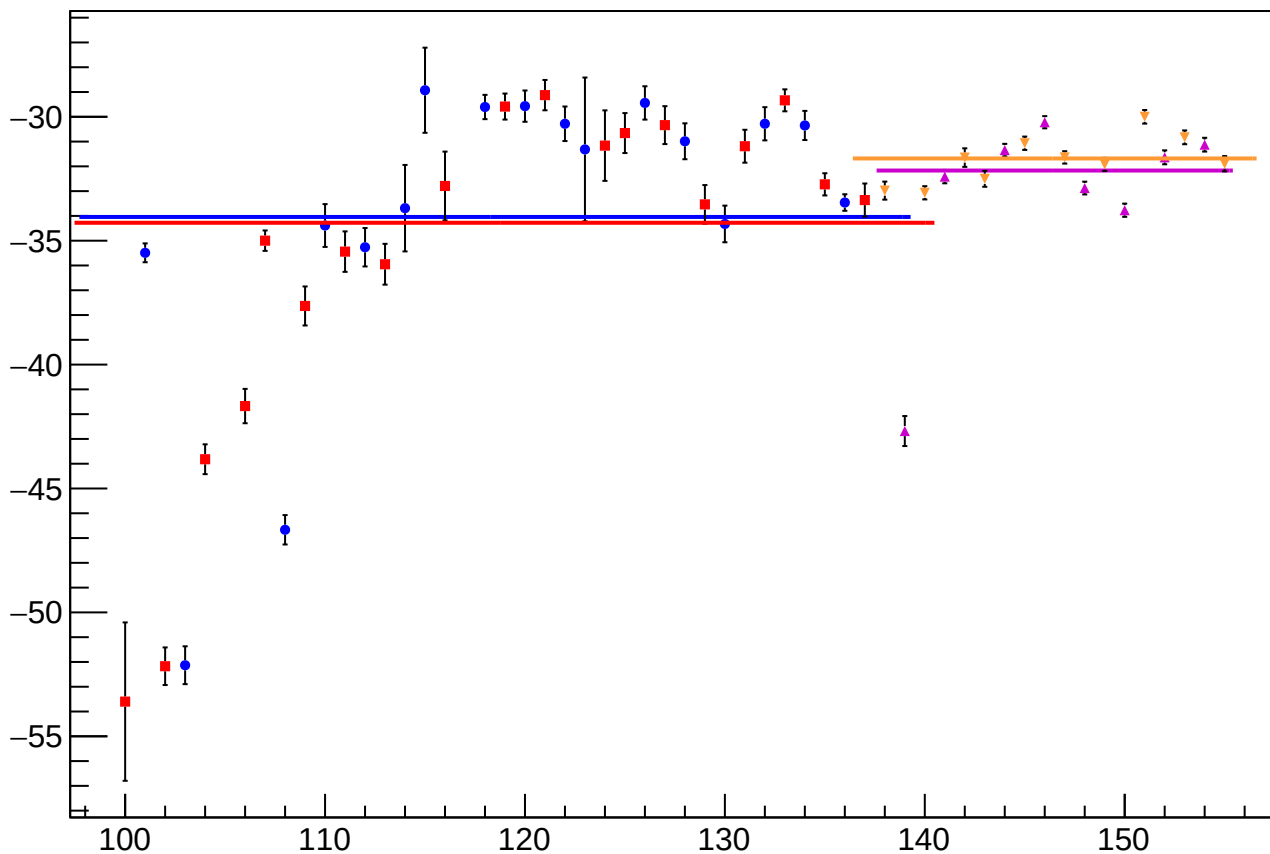
Left In: -12.582 $\pm$ 0.136 χ^2 /NDF:877.1/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.228 $\pm$ 0.094 χ^2 /NDF: 1309.5/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 0.151 χ^2/NDF : 1340.8/16

Left Out: -31.682 ± 0.092 χ^2/NDF : 99.6/9

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

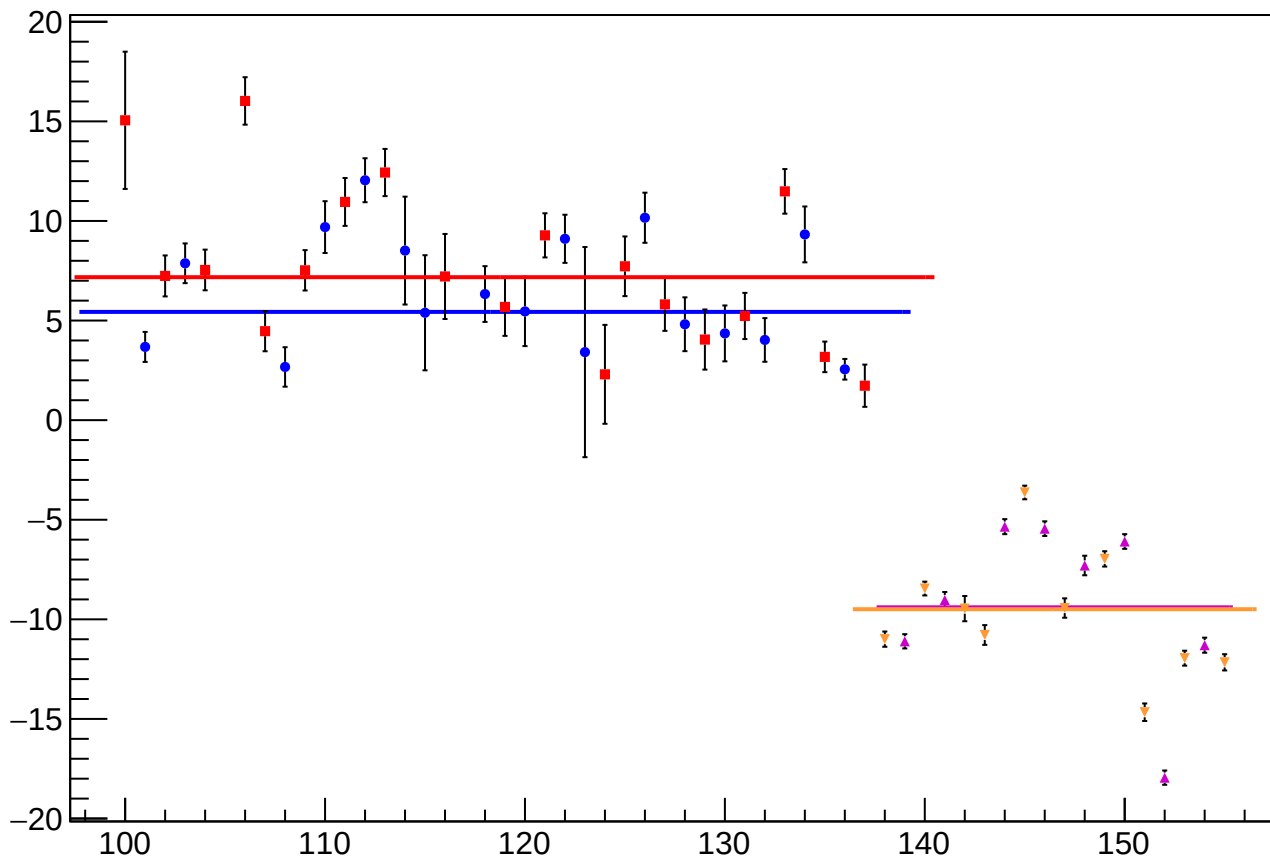
Left In: -32.169 ± 0.099 χ^2/NDF : 436.6/7

+ sign -32.319 ± 0.078 χ^2/NDF : 1619.4/26

All: -32.546 ± 0.057 χ^2/NDF : 3560.2/53

- sign -32.799 ± 0.082 χ^2/NDF : 1923.0/26

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.435 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -9.491 ± 0.130 χ^2/NDF : 590.0/9

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

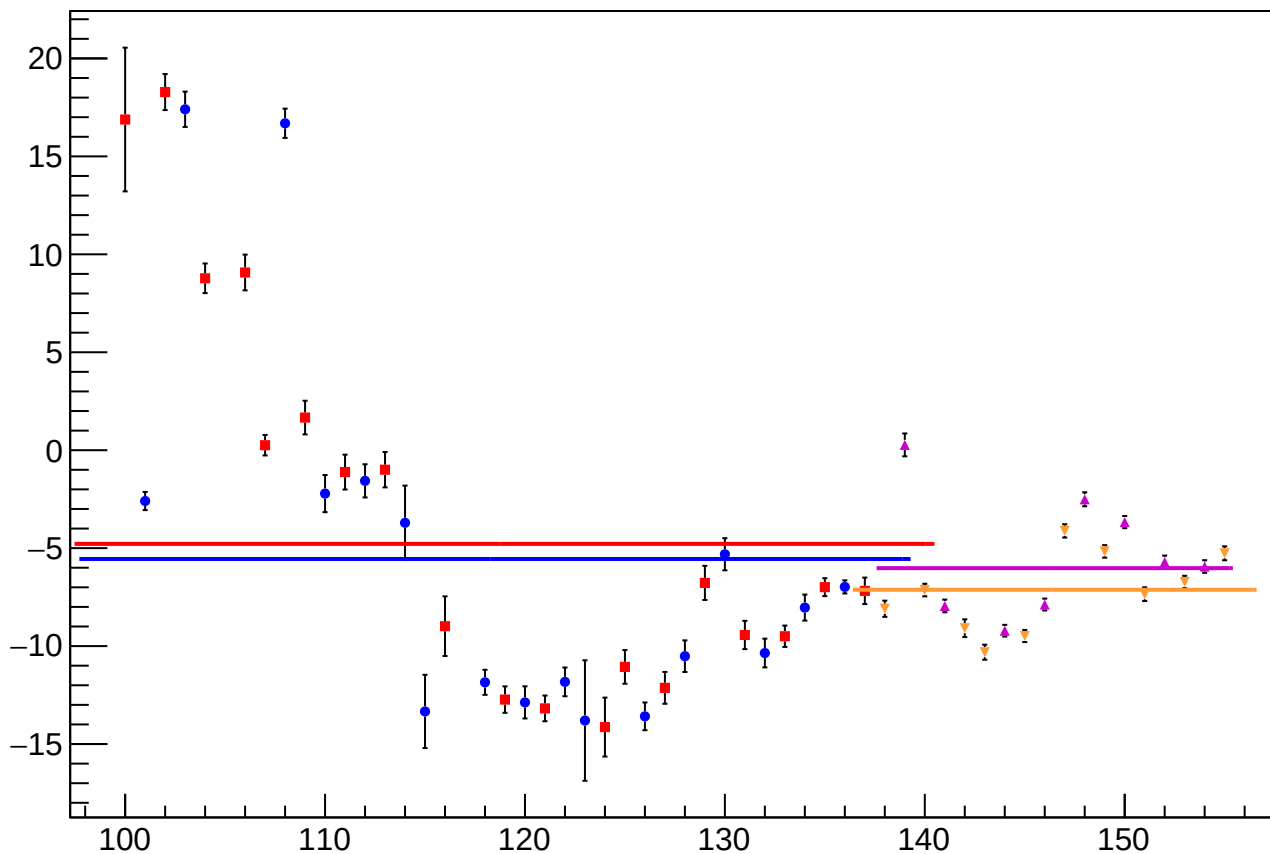
Left In: -9.397 ± 0.135 χ^2/NDF : 944.6/7

+ sign -6.686 ± 0.117 χ^2/NDF : 3211.8/26

All: -6.427 ± 0.084 χ^2/NDF : 7287.5/53

- sign -6.148 ± 0.121 χ^2/NDF : 4065.5/26

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -5.553 ± 0.170 χ^2/NDF : 2125.3/16

Left Out: -7.125 ± 0.110 χ^2/NDF : 295.8/9

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

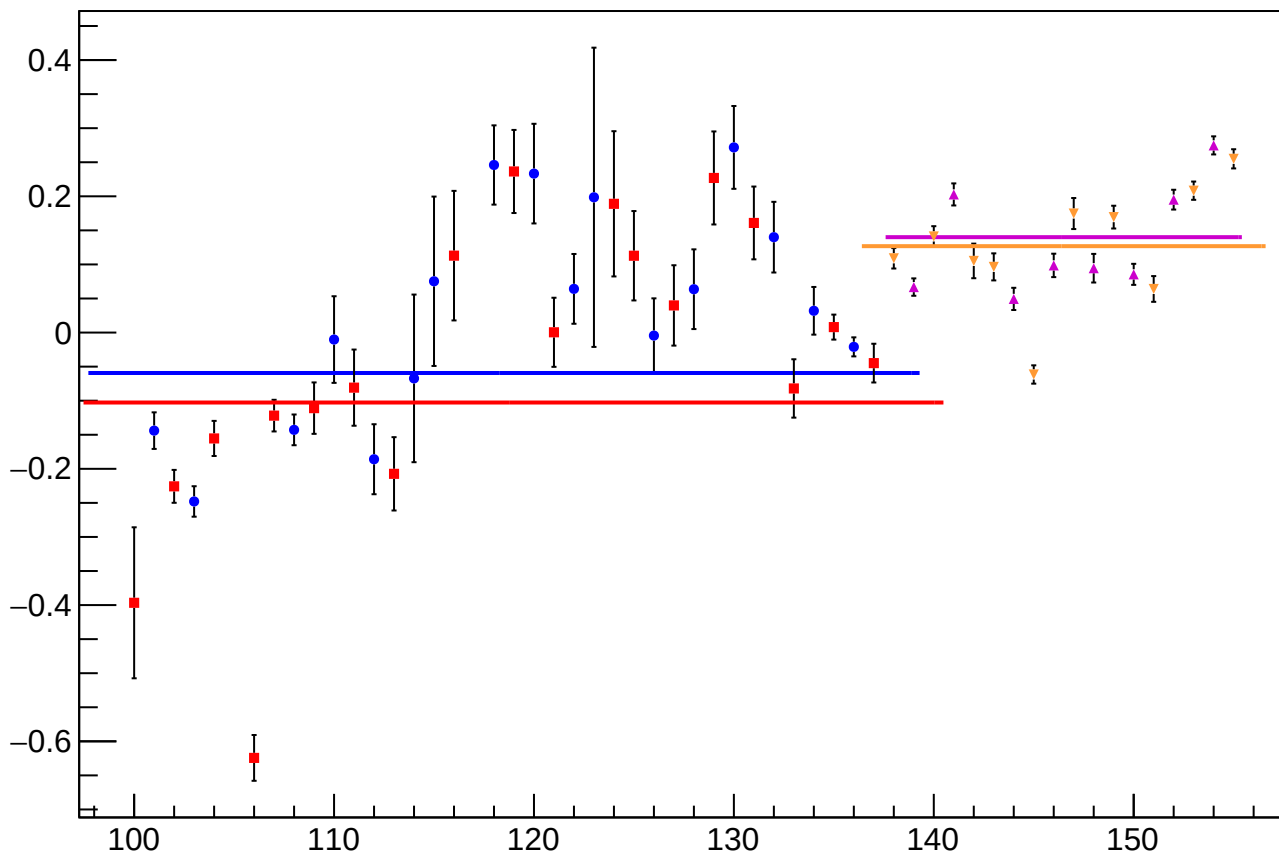
Left In: -6.020 ± 0.118 χ^2/NDF : 458.0/7

+ sign -6.658 ± 0.093 χ^2/NDF : 2481.3/26

All: -6.169 ± 0.067 χ^2/NDF : 5073.5/53

- sign -5.625 ± 0.098 χ^2/NDF : 2533.3/26

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.059 ± 0.008 χ^2/NDF : 217.6/16

Left Out: 0.127 ± 0.005 χ^2/NDF : 343.4/9

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

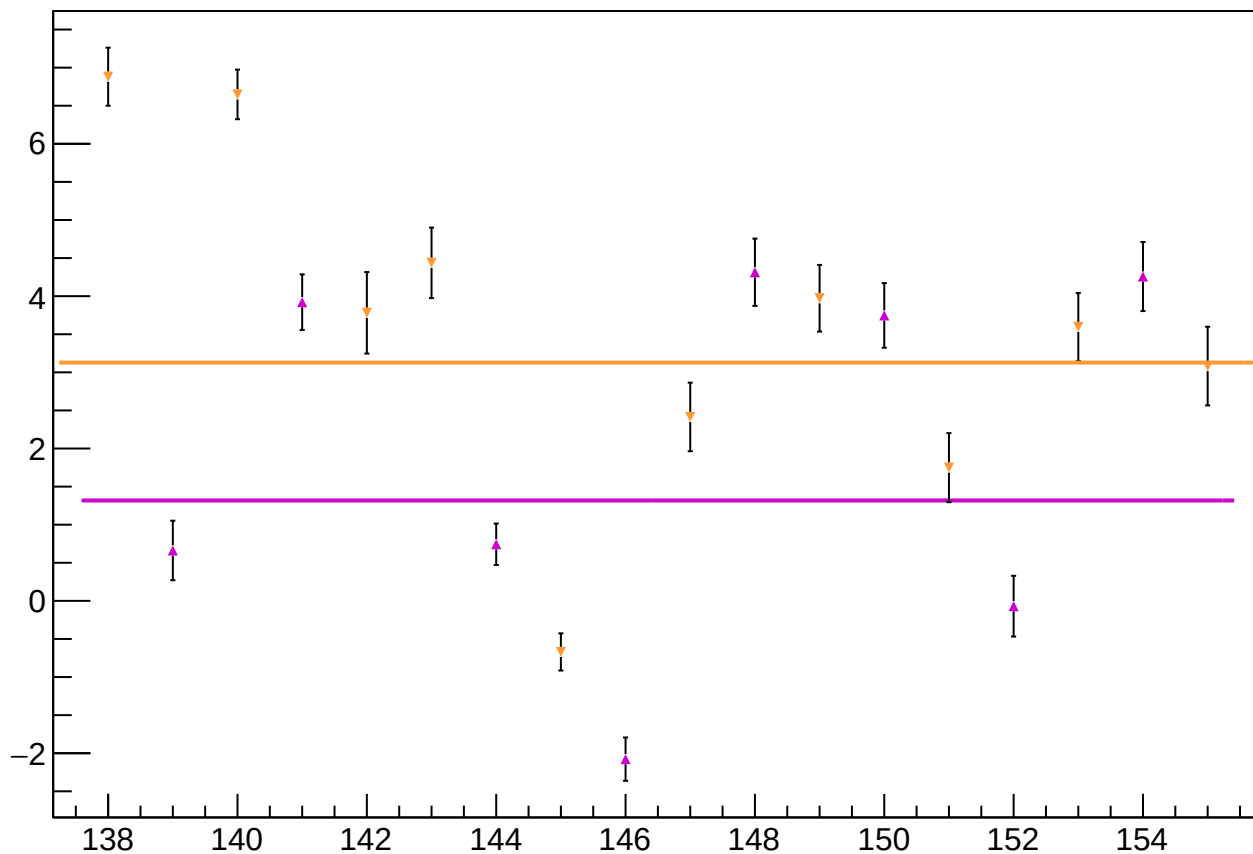
Left In: 0.140 ± 0.005 χ^2/NDF : 219.3/7

+ sign 0.076 ± 0.004 χ^2/NDF : 917.8/26

All: 0.072 ± 0.003 χ^2/NDF : 2160.9/53

- sign 0.069 ± 0.005 χ^2/NDF : 1242.0/26

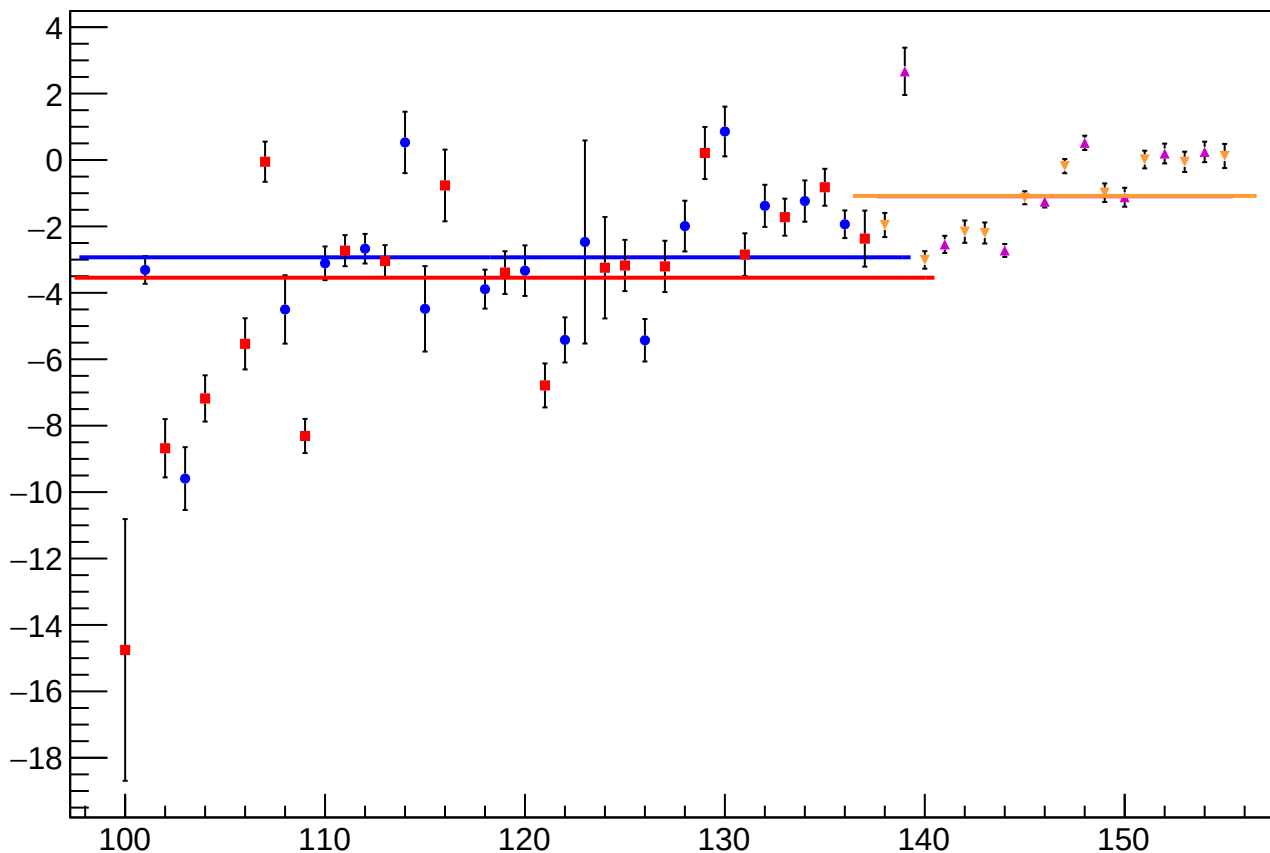
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



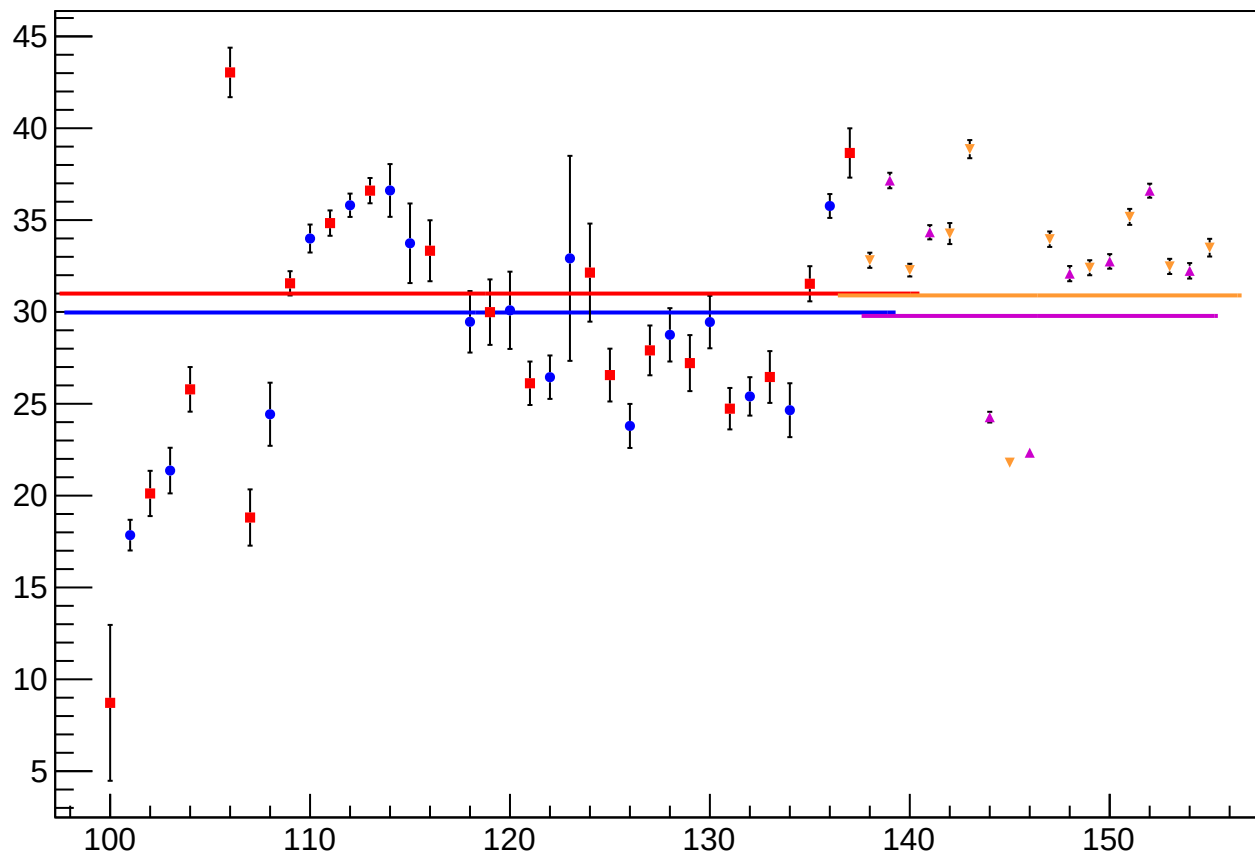
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.128 $\pm$ 0.124 χ^2 /NDF:482.8/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.318 $\pm$ 0.127 χ^2 /NDF:333.6/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.247 $\pm$ 0.089 χ^2 /NDF: 920.3/17
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

Left Out: 30.899 ± 0.126 $\chi^2/\text{NDF}: 1768.1/9$

Right Out: 31.000 ± 0.260 $\chi^2/\text{NDF}: 479.5/18$

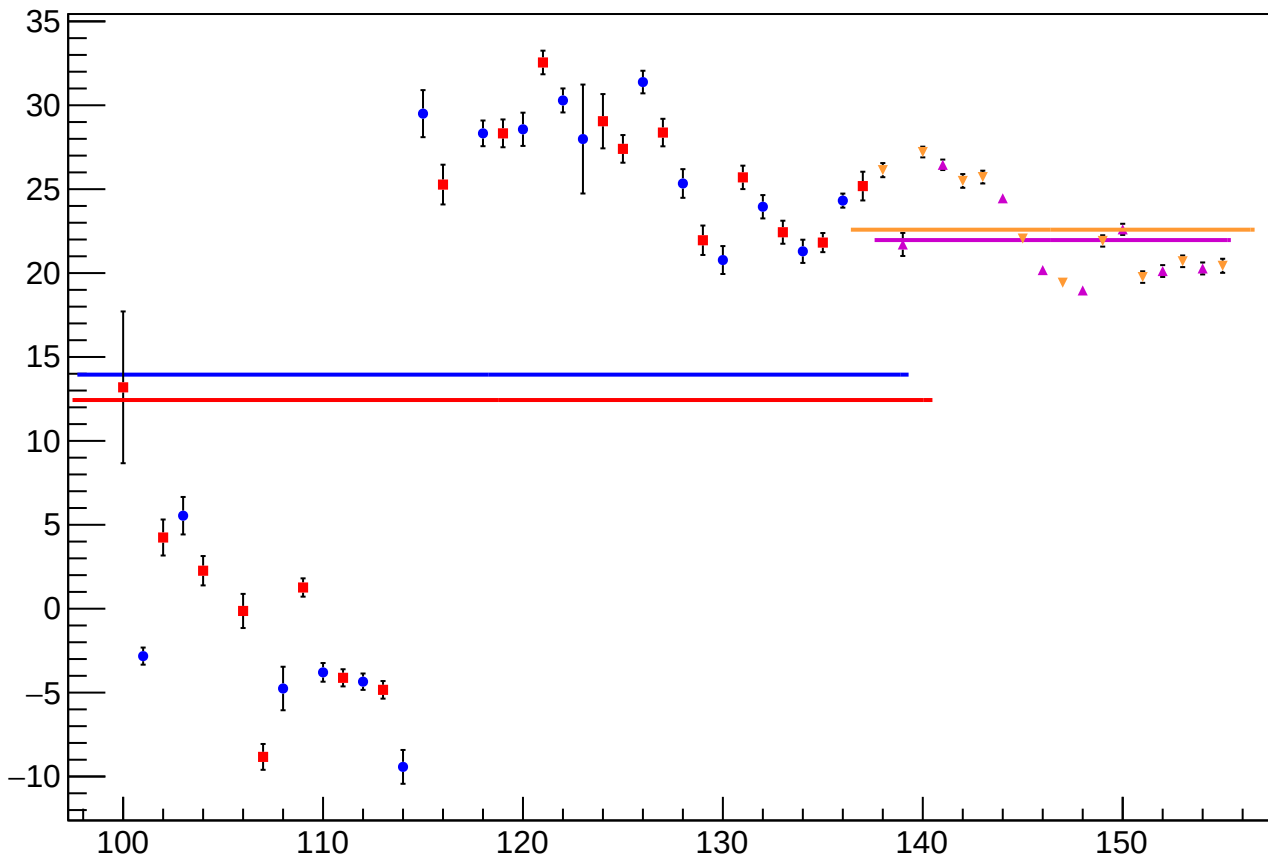
Left In: 29.783 ± 0.127 $\chi^2/\text{NDF}: 1984.1/7$

+ sign 30.730 ± 0.114 $\chi^2/\text{NDF}: 2332.3/26$

All: 30.374 ± 0.081 $\chi^2/\text{NDF}: 4833.2/53$

- sign 30.017 ± 0.114 $\chi^2/\text{NDF}: 2481.3/26$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.948 $\pm$ 0.172 χ^2 /NDF: 7391.9/16

Left Out: 22.586 $\pm$ 0.105 χ^2 /NDF: 646.0/9

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

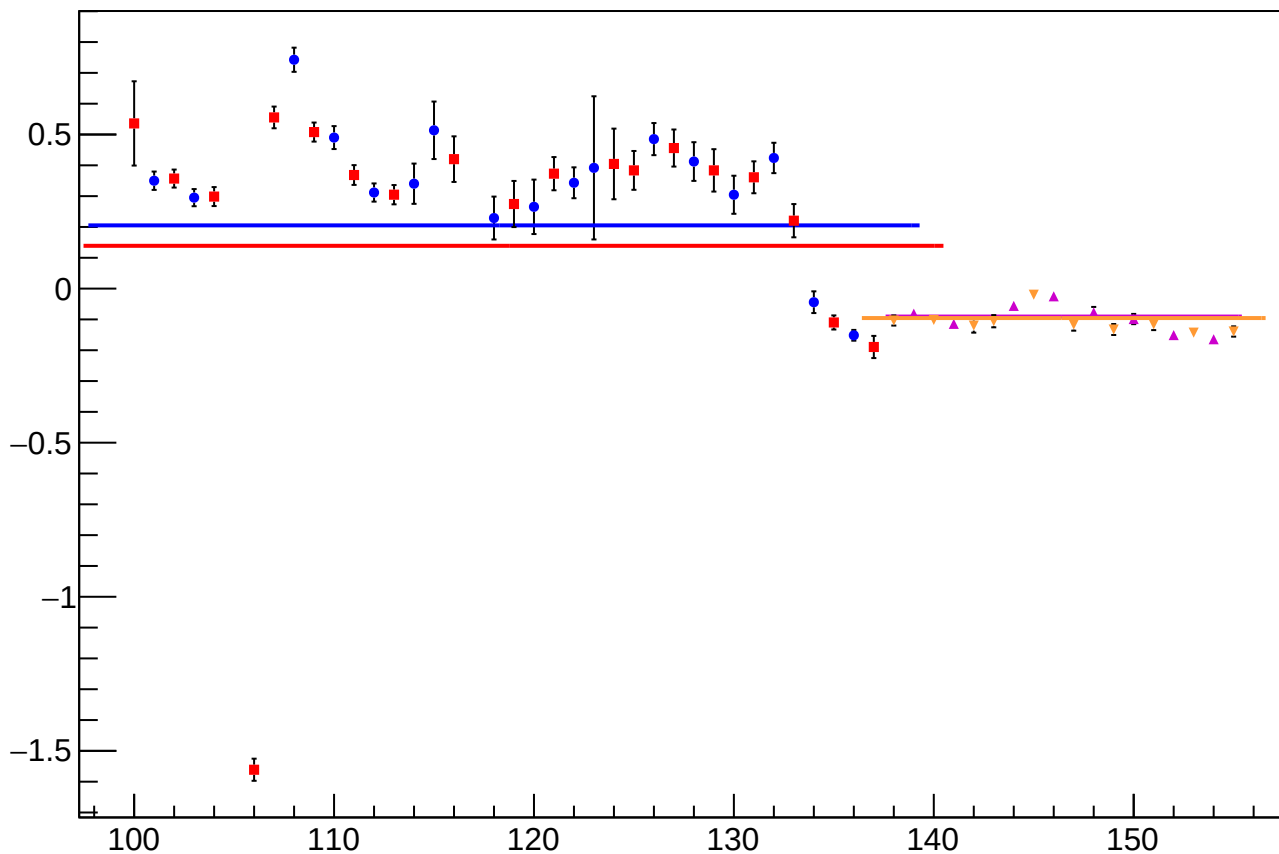
Left In: 21.967 $\pm$ 0.107 χ^2 /NDF: 542.9/7

+ sign 20.234 $\pm$ 0.090 χ^2 /NDF: 9874.1/26

All: 19.801 $\pm$ 0.064 χ^2 /NDF: 19614.6/53

- sign 19.357 $\pm$ 0.091 χ^2 /NDF: 9693.3/26

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 846.2/16

Left Out: -0.096 ± 0.005 χ^2/NDF : 81.0/9

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.8/18

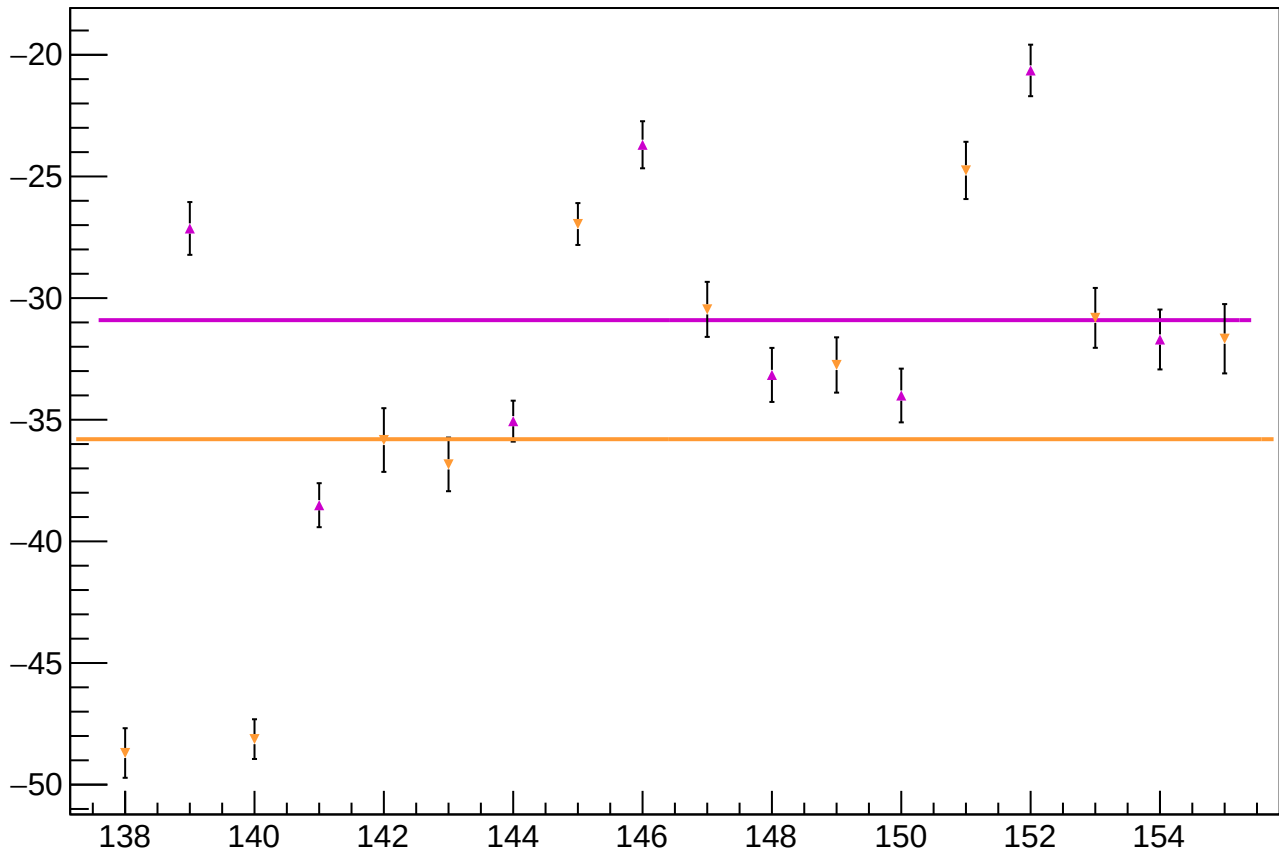
Left In: -0.091 ± 0.005 χ^2/NDF : 77.7/7

+ sign -0.027 ± 0.004 χ^2/NDF : 1725.4/26

All: -0.031 ± 0.003 χ^2/NDF : 5292.2/53

- sign -0.035 ± 0.005 χ^2/NDF : 3565.5/26

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: -35.800+/-0.340 χ^2/NDF : 637.1/9

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

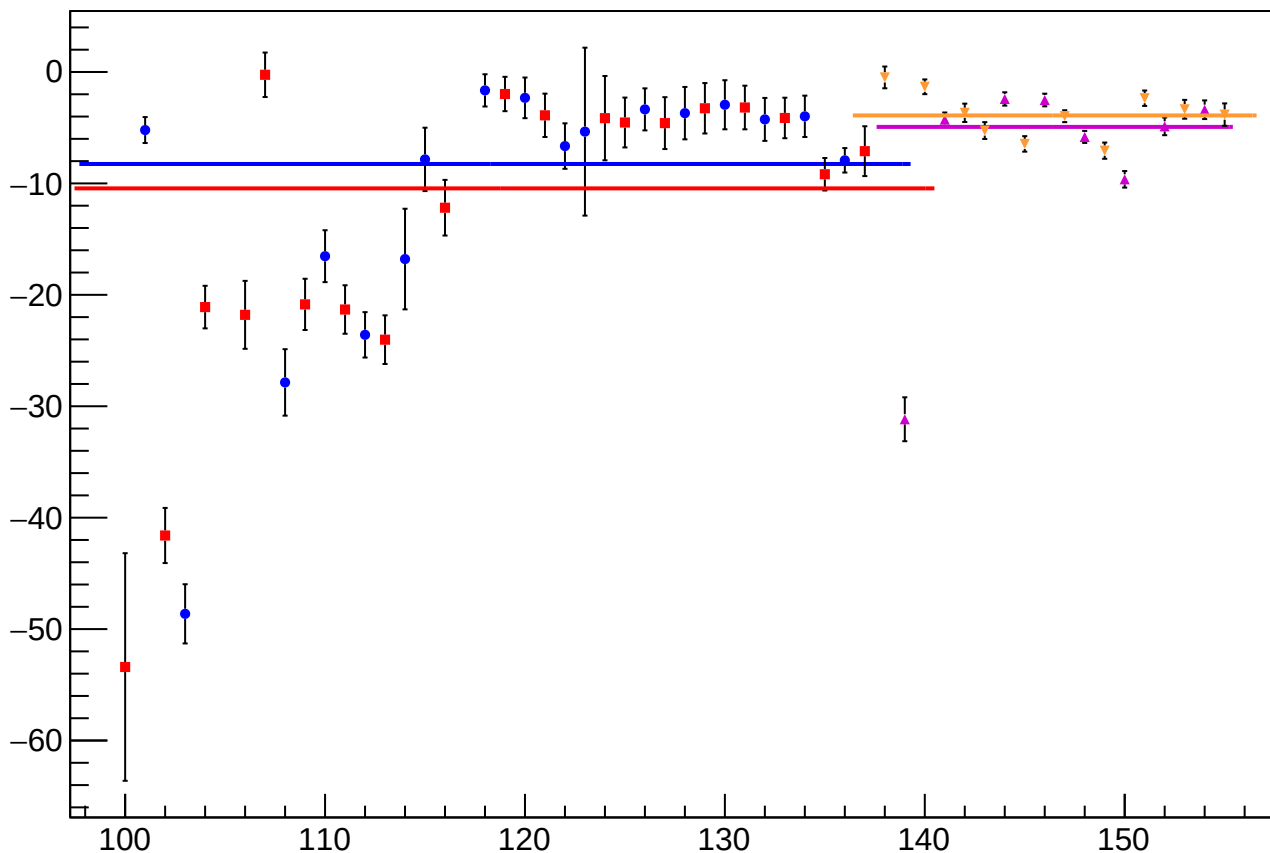
Left In: -30.906+/-0.360 χ^2/NDF : 269.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.490+/-0.247 χ^2/NDF : 1004.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 $\chi^2/\text{NDF}: 412.1/16$

Left Out: -3.900 ± 0.233 $\chi^2/\text{NDF}: 68.5/9$

Right Out: -10.446 ± 0.491 $\chi^2/\text{NDF}: 428.4/18$

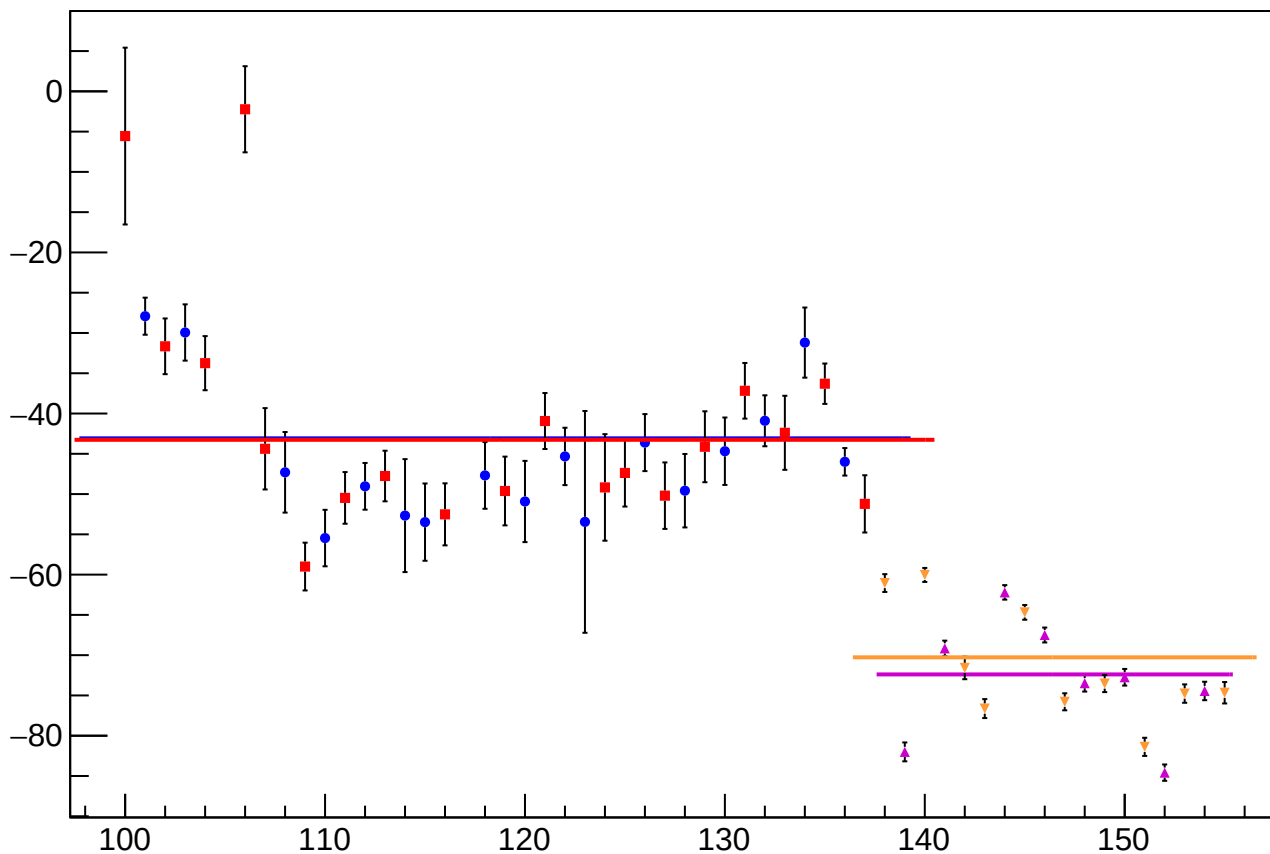
Left In: -4.928 ± 0.244 $\chi^2/\text{NDF}: 260.2/7$

+ sign -4.781 ± 0.208 $\chi^2/\text{NDF}: 551.5/26$

All: -5.369 ± 0.151 $\chi^2/\text{NDF}: 1358.3/53$

- sign -6.018 ± 0.218 $\chi^2/\text{NDF}: 789.9/26$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$

Left Out: -70.270 ± 0.344 $\chi^2/\text{NDF}: 435.9/9$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

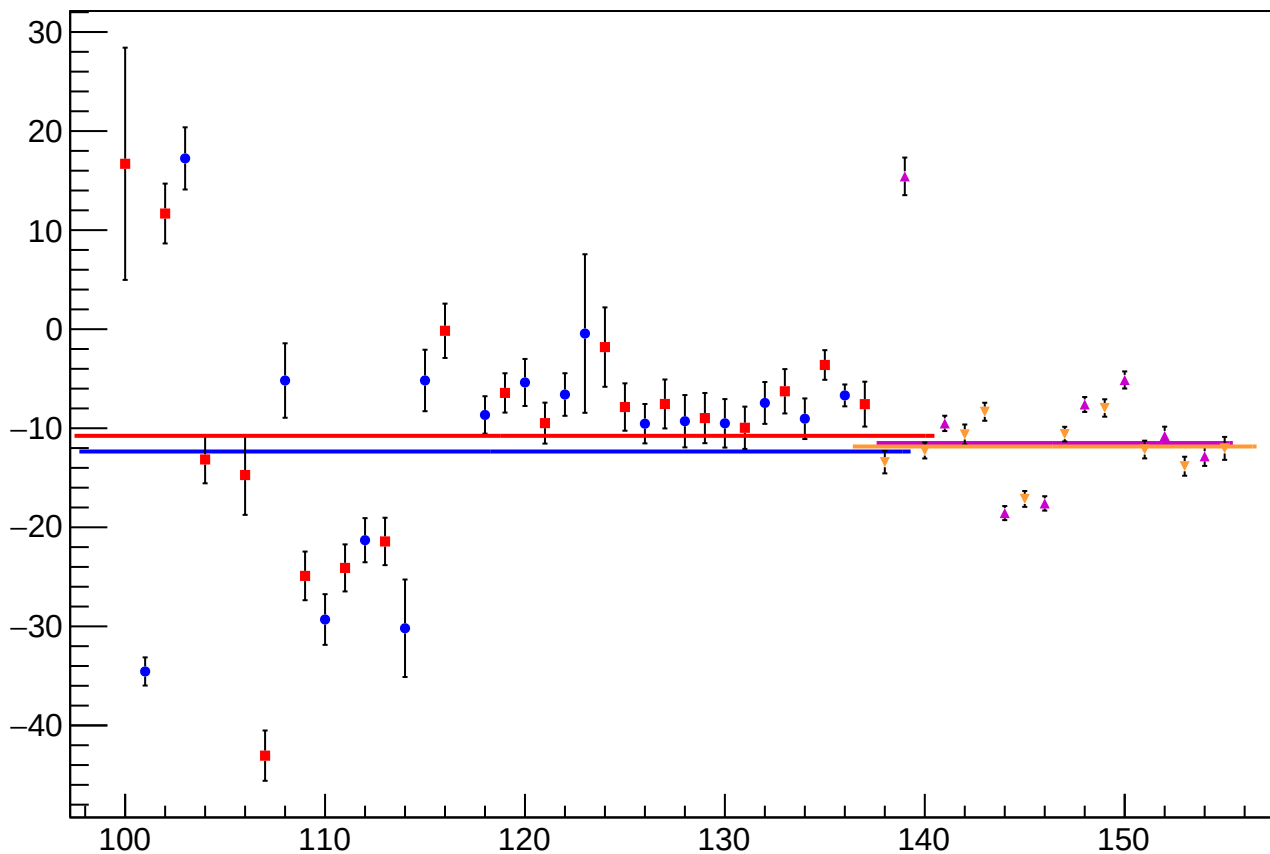
Left In: -72.390 ± 0.358 $\chi^2/\text{NDF}: 383.6/7$

+ sign -66.326 ± 0.318 $\chi^2/\text{NDF}: 1443.1/26$

All: -67.199 ± 0.229 $\chi^2/\text{NDF}: 2962.0/53$

- sign -68.144 ± 0.331 $\chi^2/\text{NDF}: 1503.2/26$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348+/-0.520 χ^2/NDF : 475.9/16

Left Out: -11.841+/-0.285 χ^2/NDF : 88.9/9

Right Out: -10.765+/-0.554 χ^2/NDF : 366.6/18

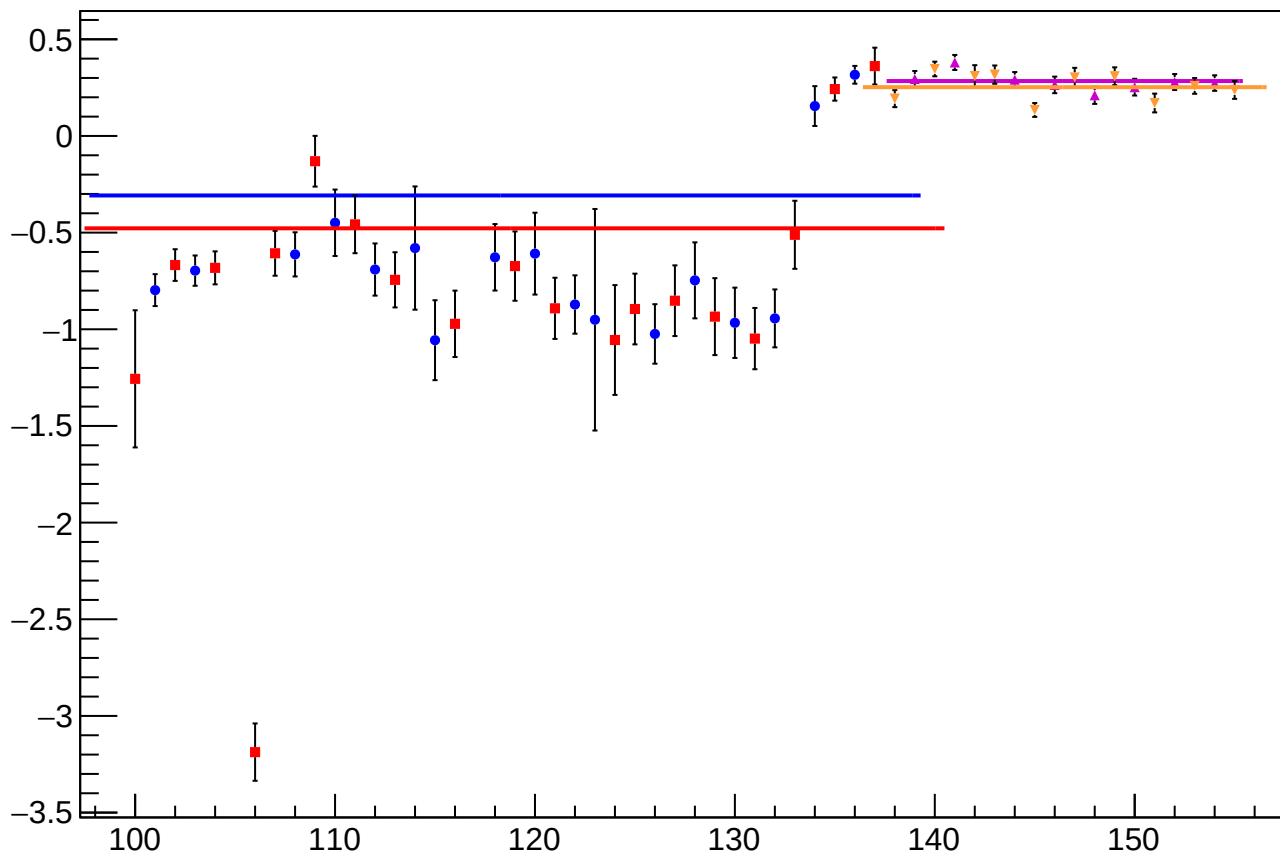
Left In: -11.493+/-0.300 χ^2/NDF : 460.5/7

+ sign -11.958+/-0.250 χ^2/NDF : 565.6/26

All: -11.660+/-0.181 χ^2/NDF : 1397.1/53

- sign -11.328+/-0.264 χ^2/NDF : 828.5/26

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.308 ± 0.028 χ^2/NDF : 372.4/16

Left Out: 0.252 ± 0.014 χ^2/NDF : 27.2/9

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

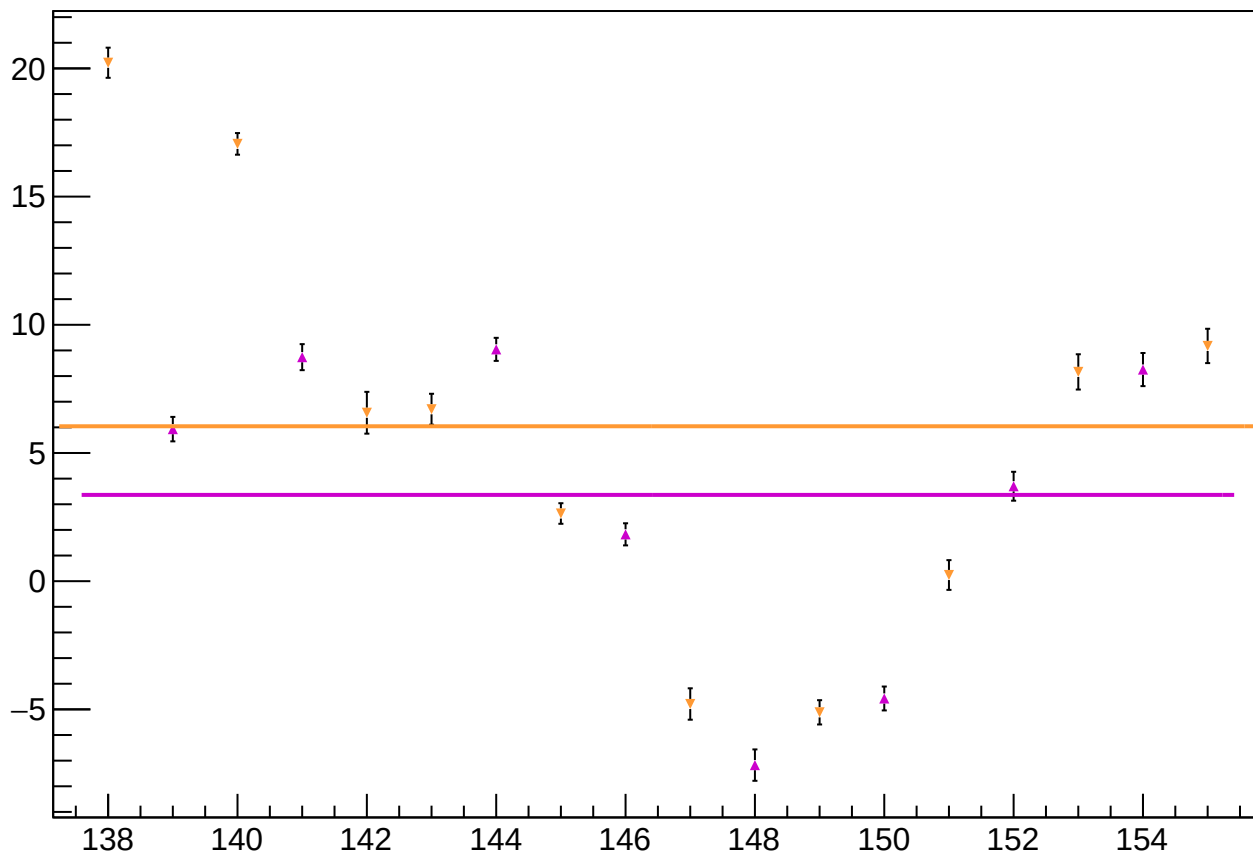
Left In: 0.284 ± 0.015 χ^2/NDF : 9.8/7

+ sign 0.137 ± 0.012 χ^2/NDF : 729.0/26

All: 0.132 ± 0.009 χ^2/NDF : 1935.2/53

- sign 0.126 ± 0.013 χ^2/NDF : 1205.7/26

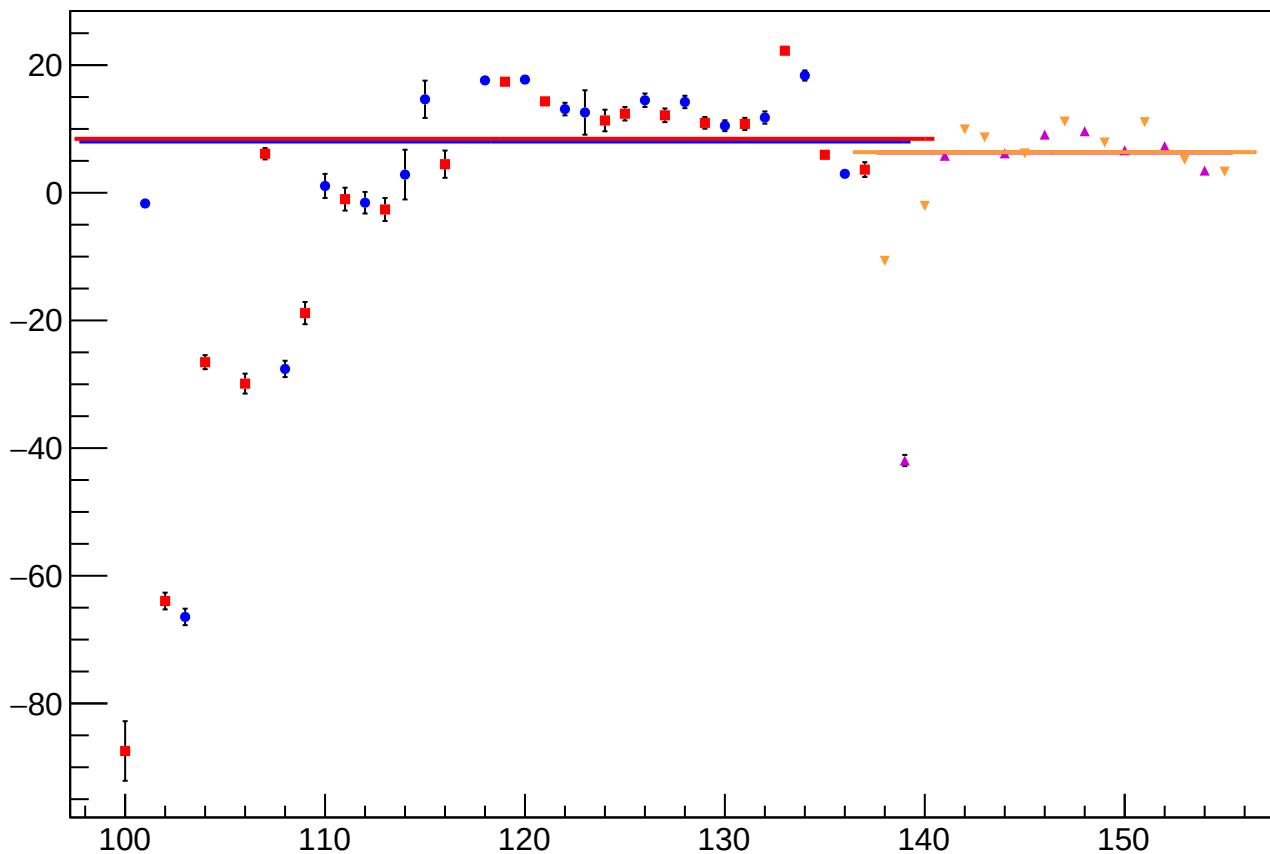
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.042+/-0.173 χ^2/NDF :2335.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.365+/-0.178 χ^2/NDF :957.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.745+/-0.124 χ^2/NDF : 3409.2/17
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 ± 0.215 χ^2/NDF : 5369.4/16

Left Out: 6.368 ± 0.120 χ^2/NDF : 1996.8/9

Right Out: 8.454 ± 0.213 χ^2/NDF : 6704.4/18

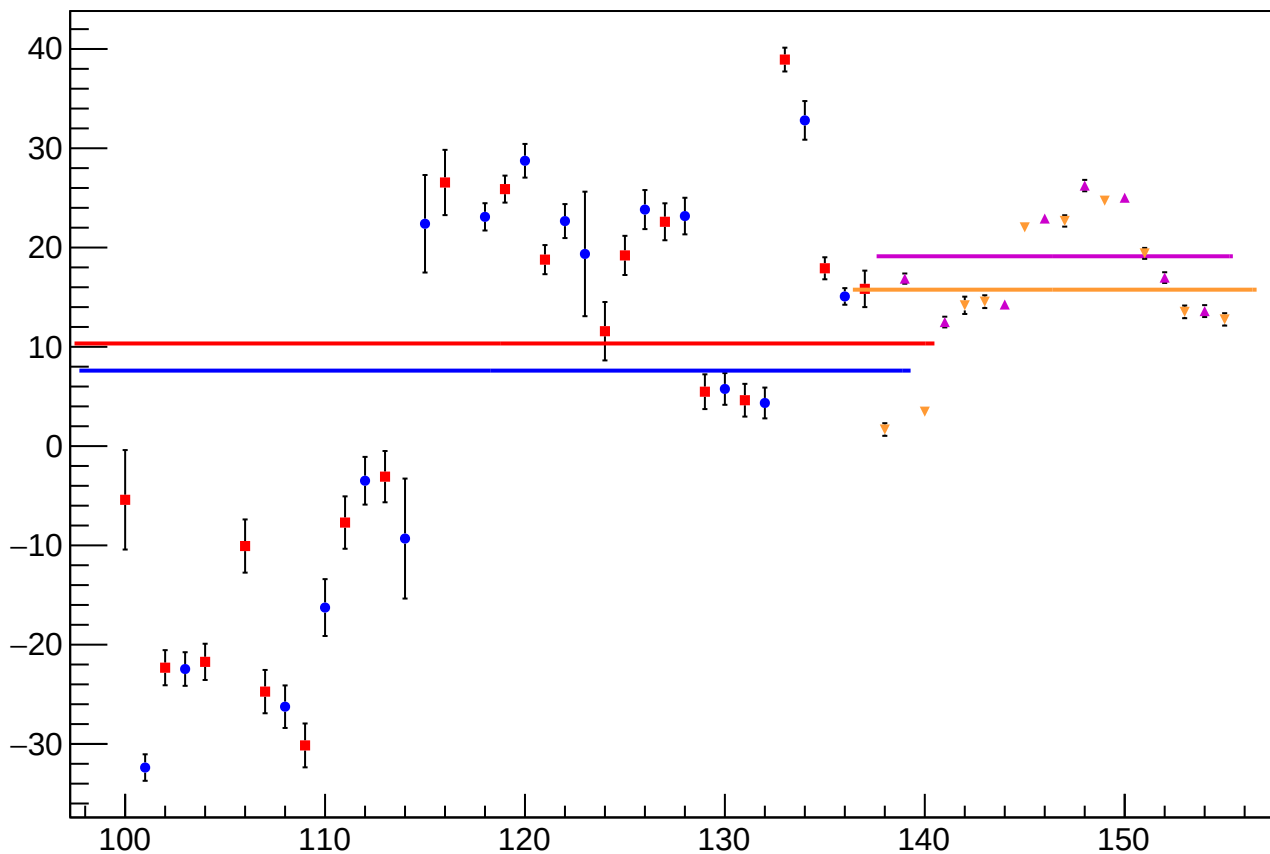
Left In: 6.312 ± 0.126 χ^2/NDF : 3284.2/7

+ sign 6.764 ± 0.105 χ^2/NDF : 7412.1/26

All: 6.813 ± 0.075 χ^2/NDF : 17475.9/53

- sign 6.864 ± 0.108 χ^2/NDF : 10063.4/26

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 15.757 ± 0.174 χ^2/NDF : 2095.3/9

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

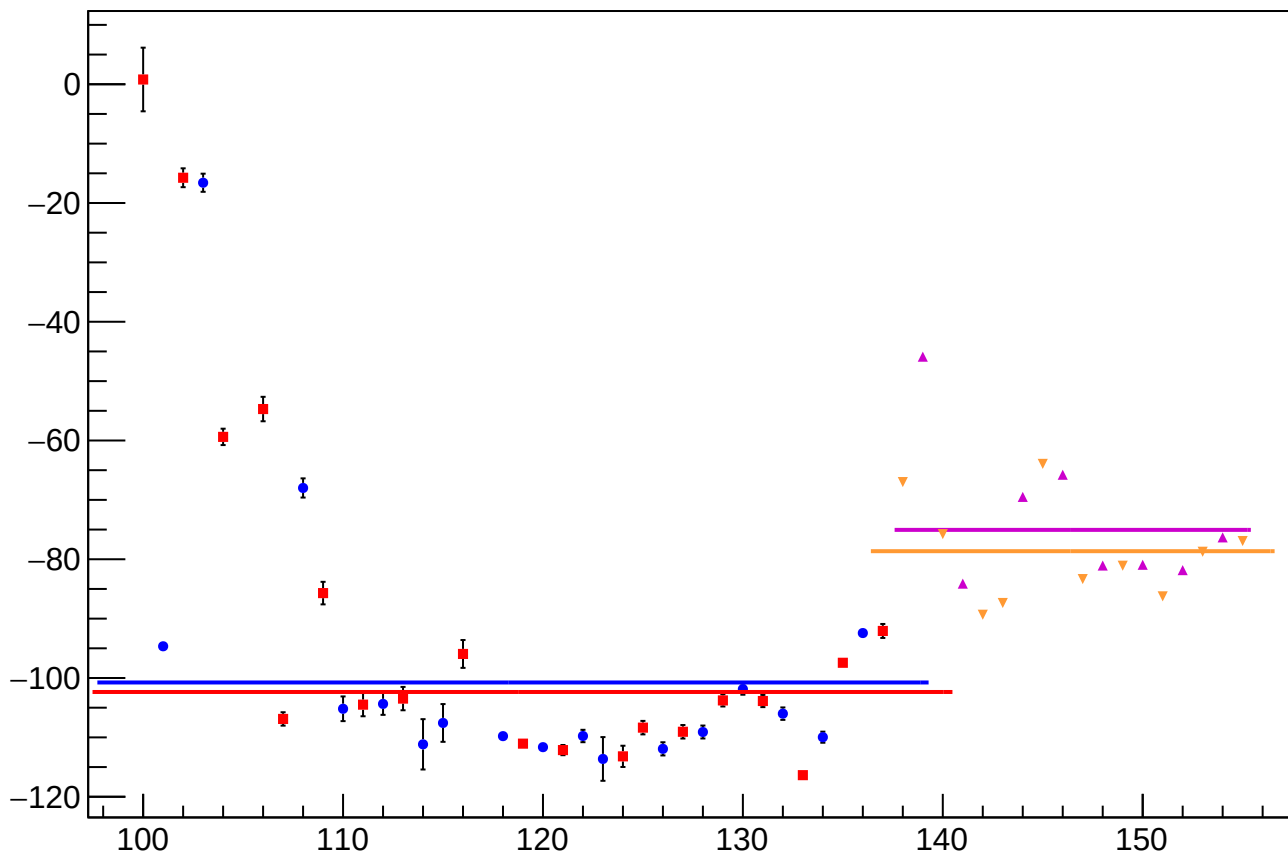
Left In: 19.120 ± 0.177 χ^2/NDF : 793.2/7

+ sign 14.544 ± 0.160 χ^2/NDF : 4747.5/26

All: 16.132 ± 0.114 χ^2/NDF : 8398.7/53

- sign 17.774 ± 0.163 χ^2/NDF : 3451.6/26

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 ± 0.248 $\chi^2/\text{NDF}: 4522.6/16$

Left Out: -78.641 ± 0.146 $\chi^2/\text{NDF}: 2932.0/9$

Right Out: -102.354 ± 0.246 $\chi^2/\text{NDF}: 6078.9/18$

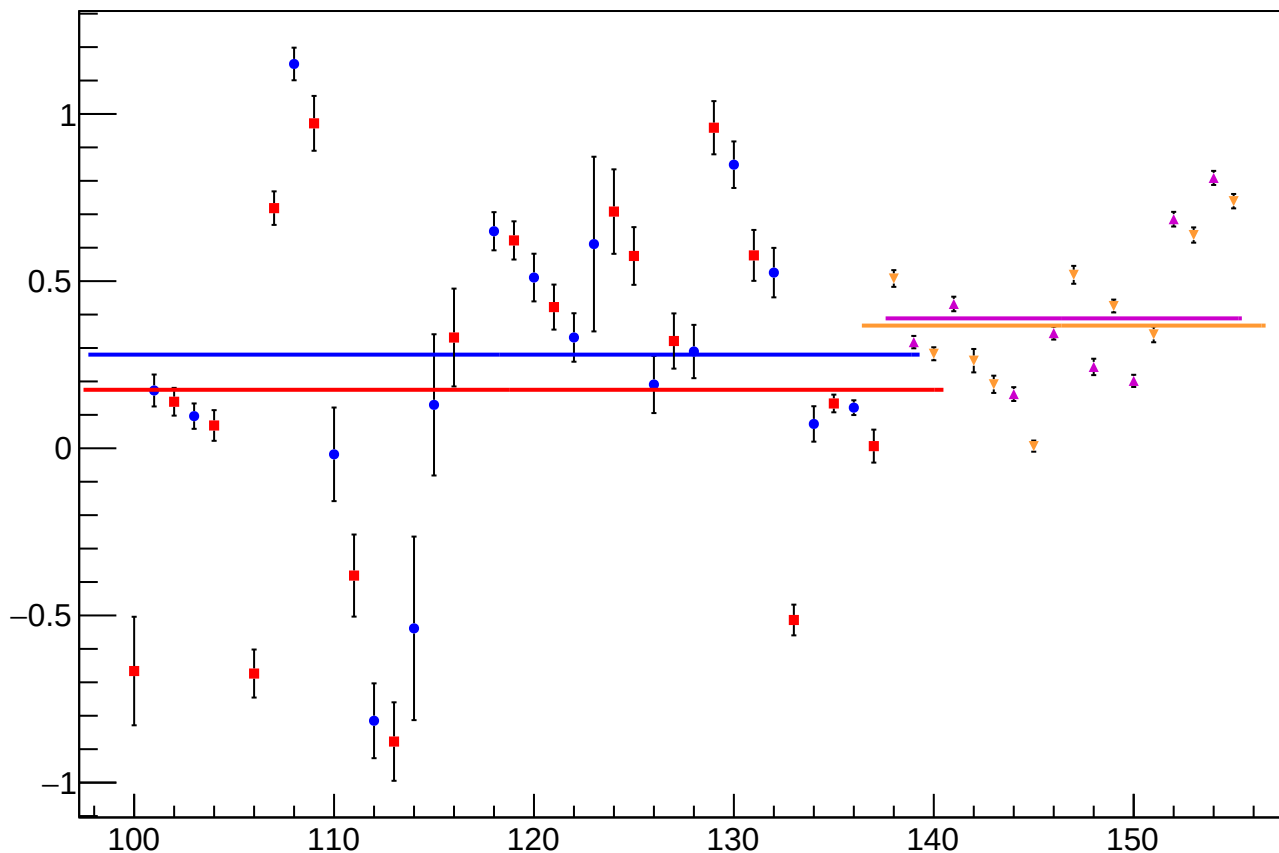
Left In: -75.053 ± 0.152 $\chi^2/\text{NDF}: 3212.0/7$

+ sign -84.335 ± 0.126 $\chi^2/\text{NDF}: 13356.7/26$

All: -83.502 ± 0.090 $\chi^2/\text{NDF}: 31625.0/53$

- sign -82.619 ± 0.130 $\chi^2/\text{NDF}: 18178.1/26$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.280 ± 0.013 χ^2/NDF : 656.0/16

Left Out: 0.367 ± 0.007 χ^2/NDF : 1055.8/9

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

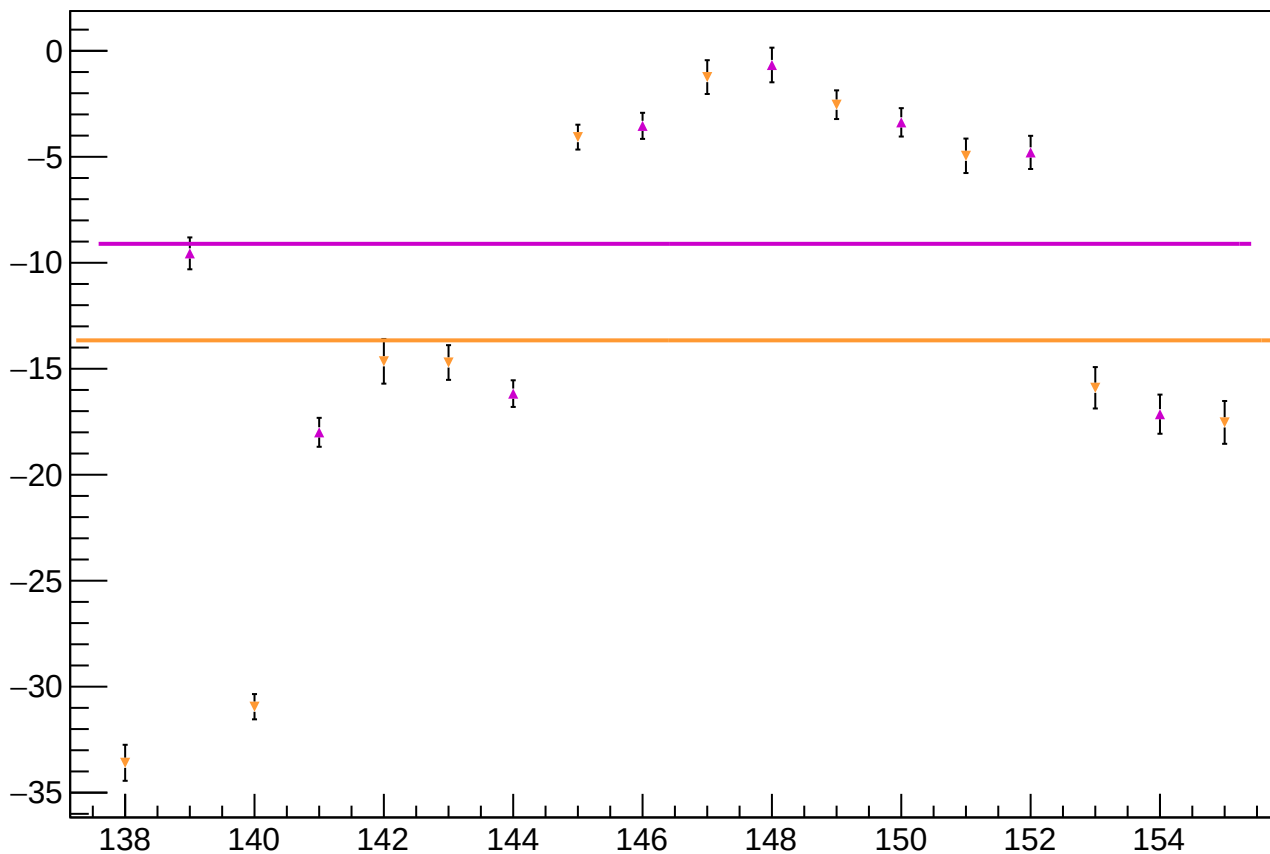
Left In: 0.389 ± 0.007 χ^2/NDF : 864.9/7

+ sign 0.348 ± 0.006 χ^2/NDF : 1744.4/26

All: 0.344 ± 0.004 χ^2/NDF : 3772.3/53

- sign 0.340 ± 0.006 χ^2/NDF : 2027.1/26

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.660+/-0.244 χ^2/NDF : 2308.8/9

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

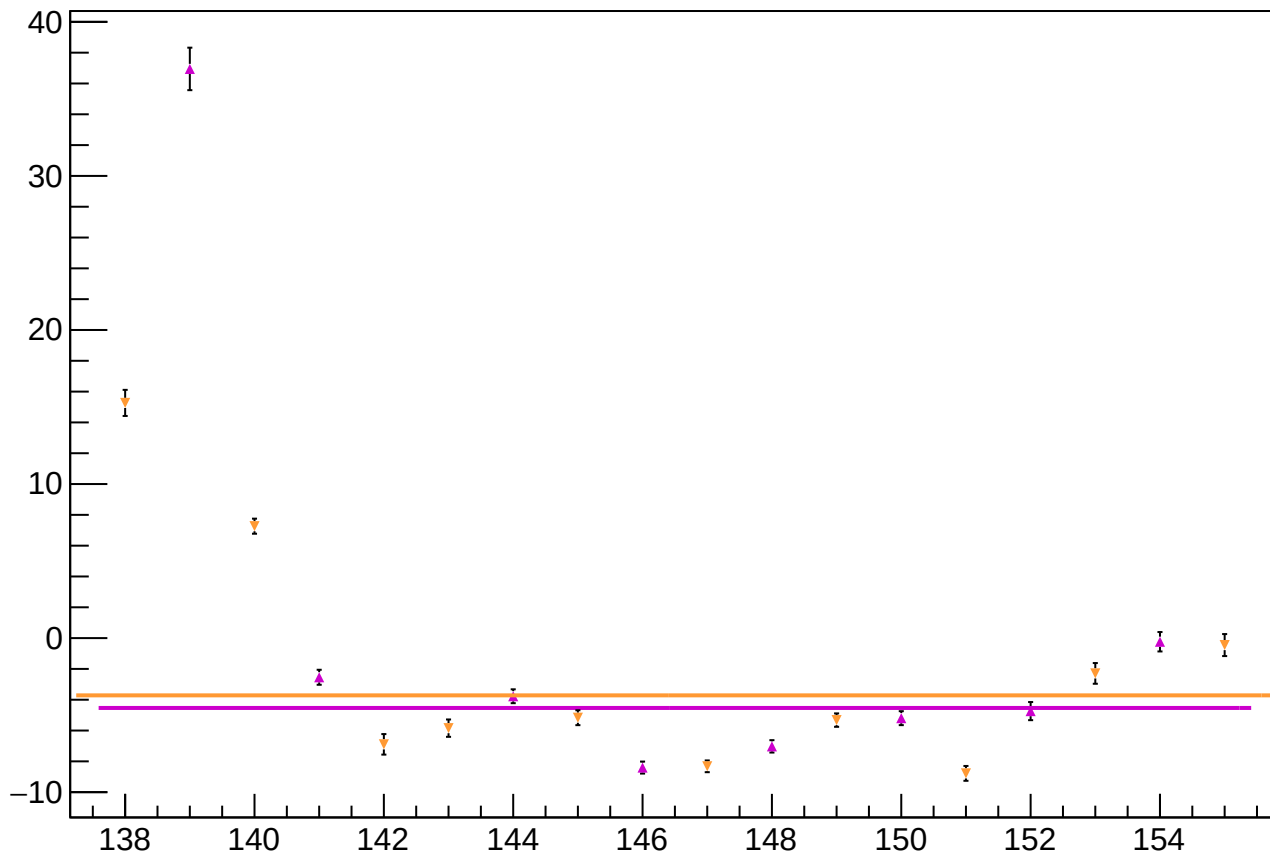
Left In: -9.105+/-0.253 χ^2/NDF : 664.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.466+/-0.176 χ^2/NDF : 3140.7/17

- sign 0.000+/-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: -3.716+/-0.167 χ^2/NDF :1348.2/9

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

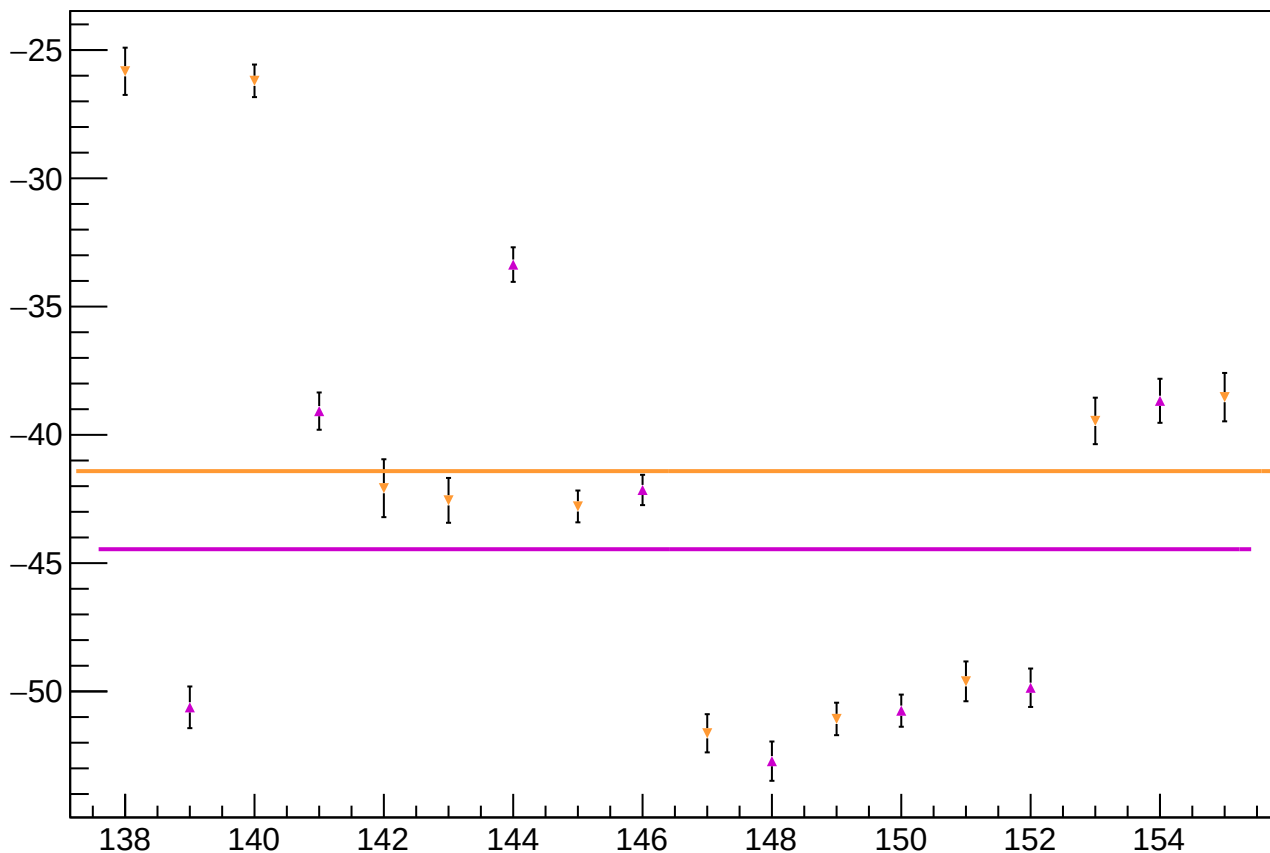
Left In: -4.534+/-0.175 χ^2/NDF :1110.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.107+/-0.121 χ^2/NDF : 2469.9/17

- 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -41.414 $\pm$ 0.245 χ^2 /NDF:1414.4/9

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

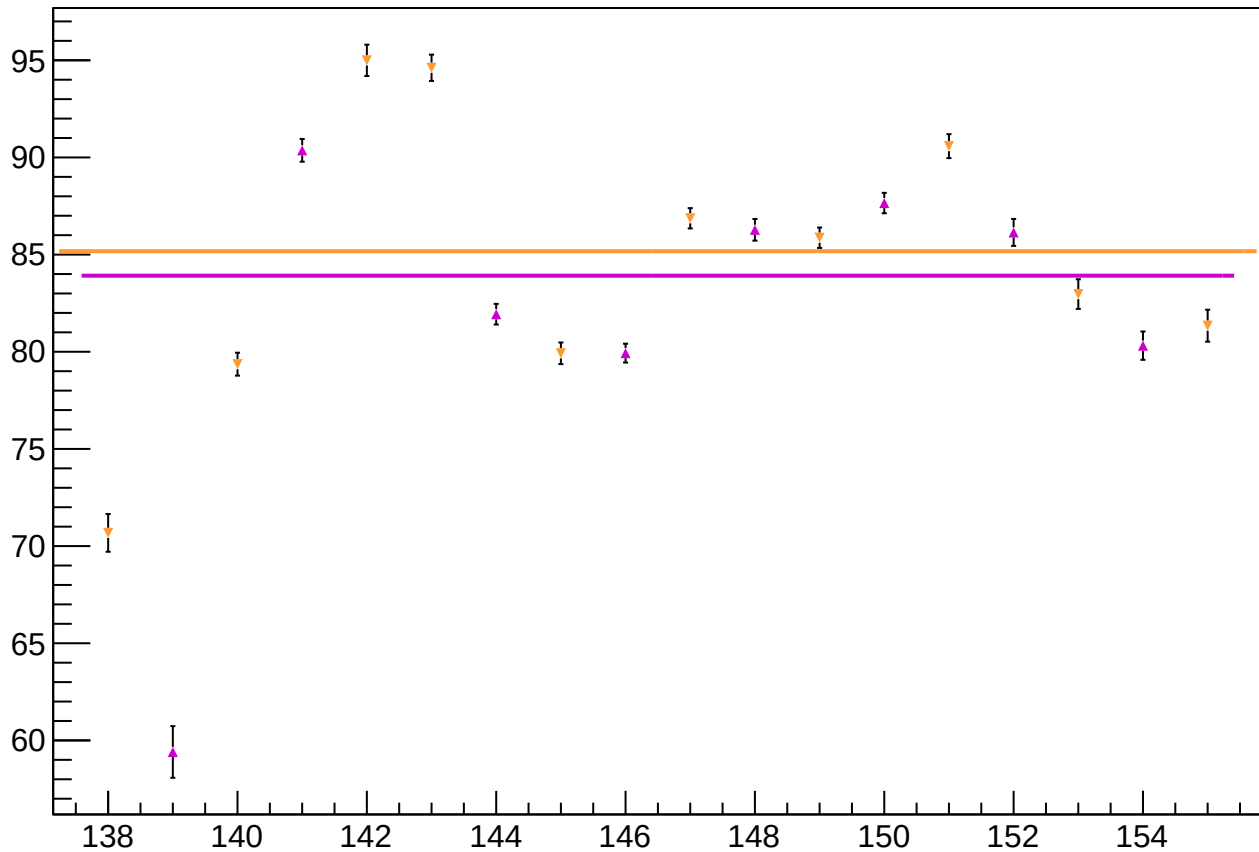
Left In: -44.458 $\pm$ 0.251 χ^2 /NDF:713.5/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -42.899 $\pm$ 0.175 χ^2 /NDF: 2203.2/17

- sign 0.000 $\pm$ 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: 85.176+/-0.204 χ^2/NDF : 871.3/9

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

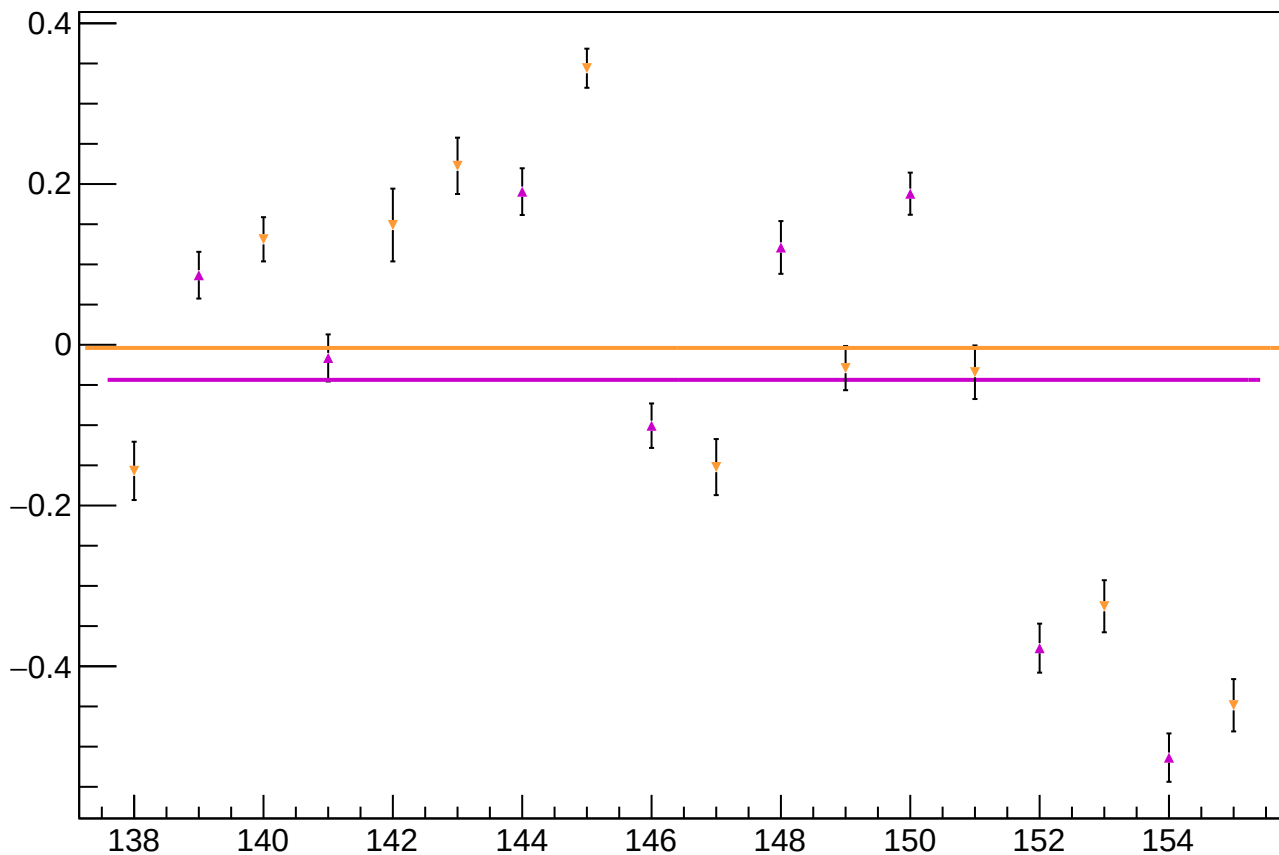
Left In: 83.915+/-0.213 χ^2/NDF : 645.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.572+/-0.147 χ^2/NDF : 1535.4/17

- 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: -0.004 $\pm$ 0.010 χ^2 /NDF:604.3/9

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

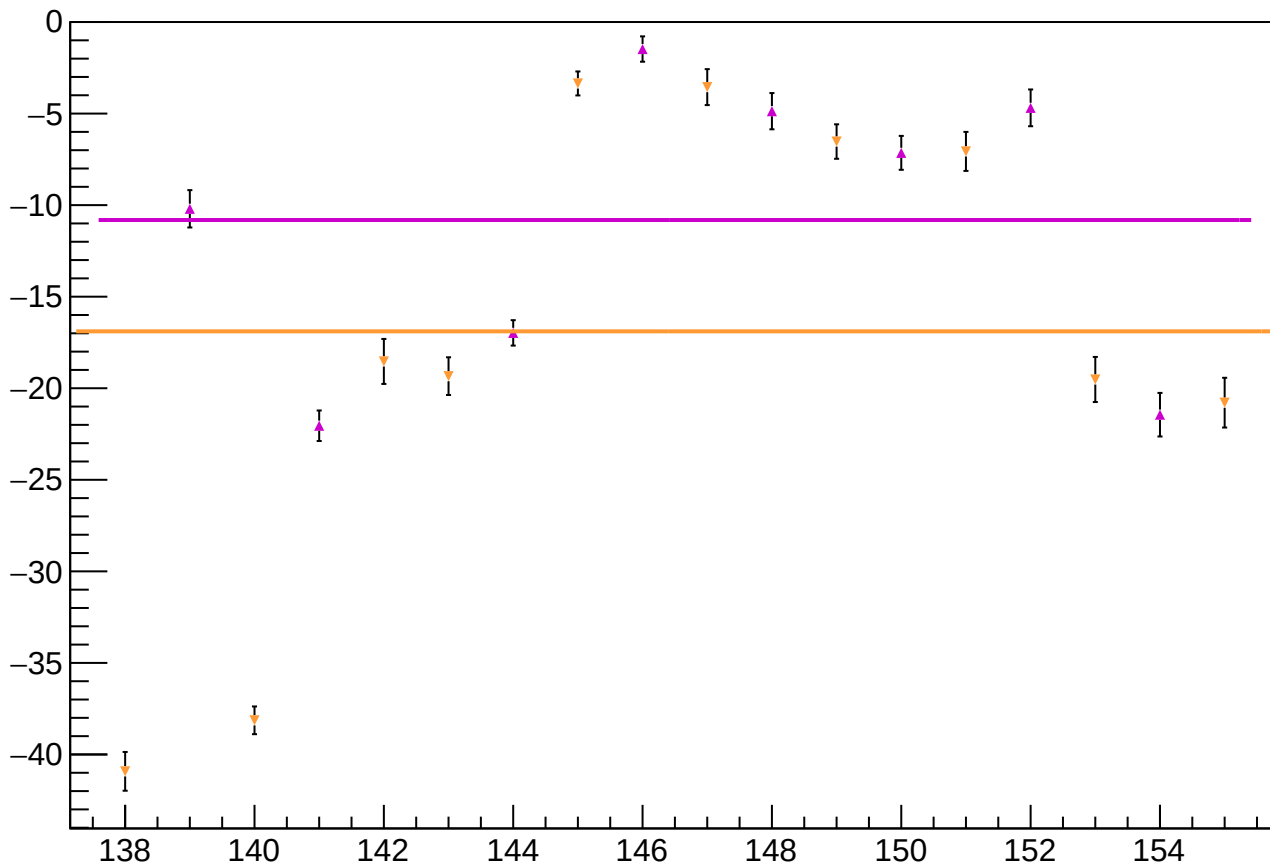
Left In: -0.044 $\pm$ 0.010 χ^2 /NDF:557.3/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.023 $\pm$ 0.007 χ^2 /NDF: 1169.3/17

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: -16.893+/-0.304 χ^2/NDF : 2141.5/9

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

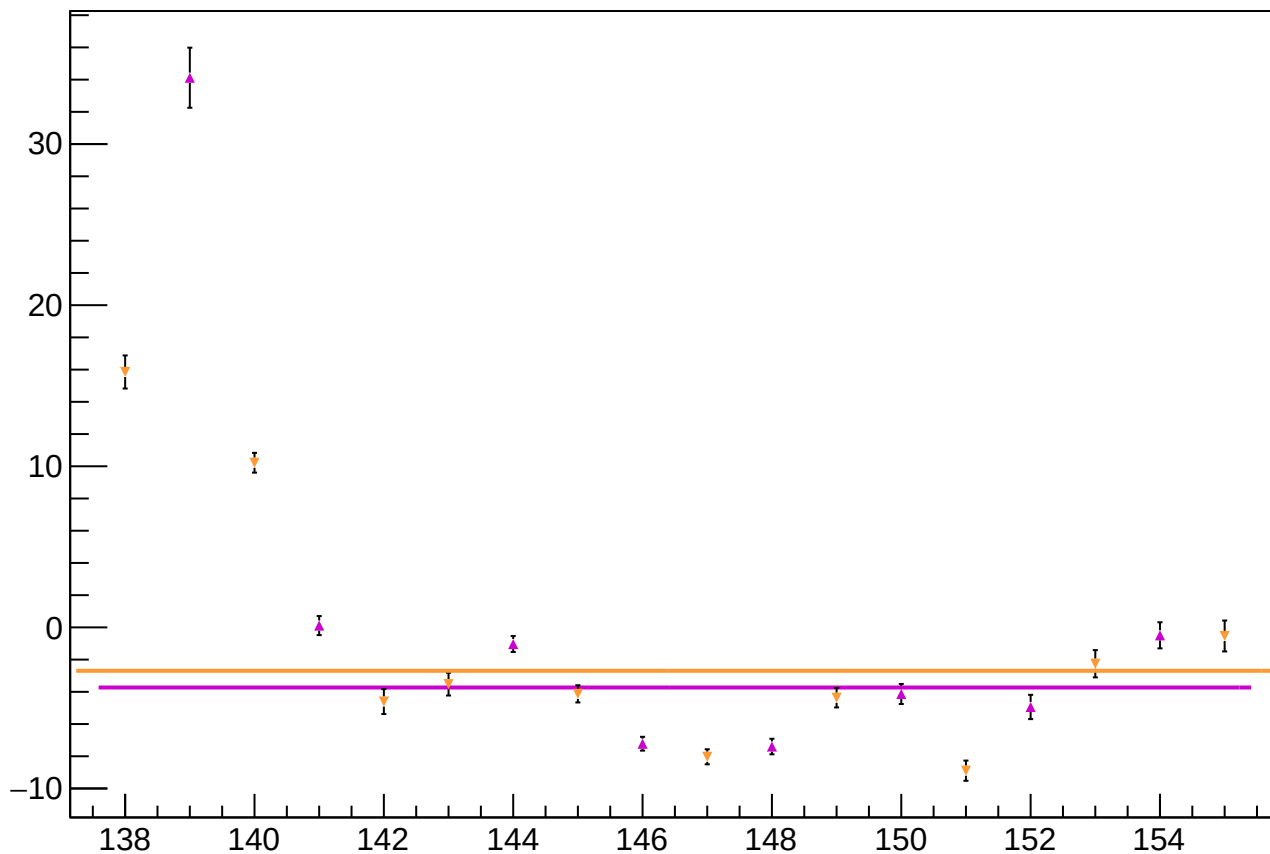
Left In: -10.813+/-0.309 χ^2/NDF : 611.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.906+/-0.217 χ^2/NDF : 2949.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

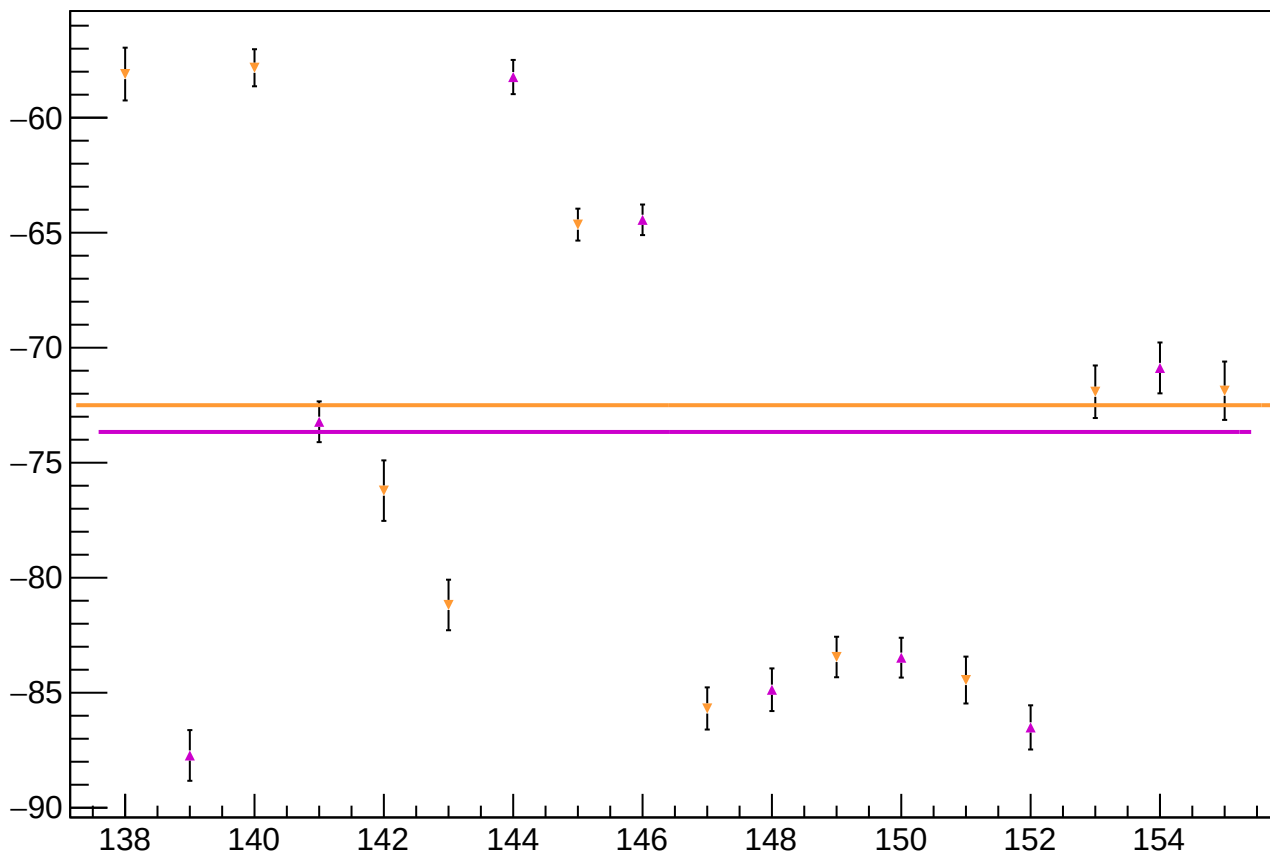
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.695+/-0.208 χ^2/NDF : 1024.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.732+/-0.209 χ^2/NDF : 626.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.209+/-0.147 χ^2/NDF : 1663.2/17
 - 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -72.500 $\pm$ 0.307 χ^2 /NDF:1186.6/9

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

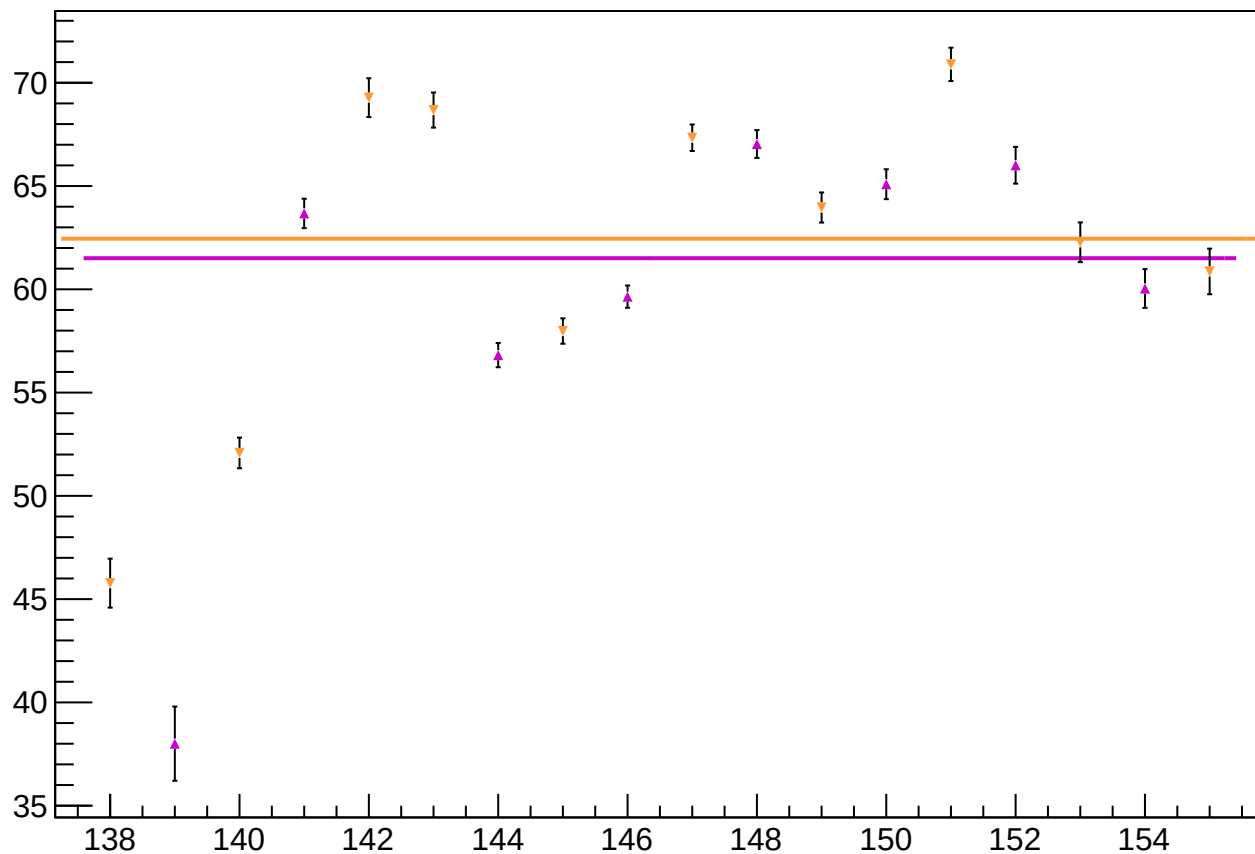
Left In: -73.663 $\pm$ 0.308 χ^2 /NDF:1245.7/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -73.080 $\pm$ 0.217 χ^2 /NDF: 2439.4/17

- sign 0.000 $\pm$ 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: 62.452+/-0.255 χ^2/NDF : 725.4/9

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

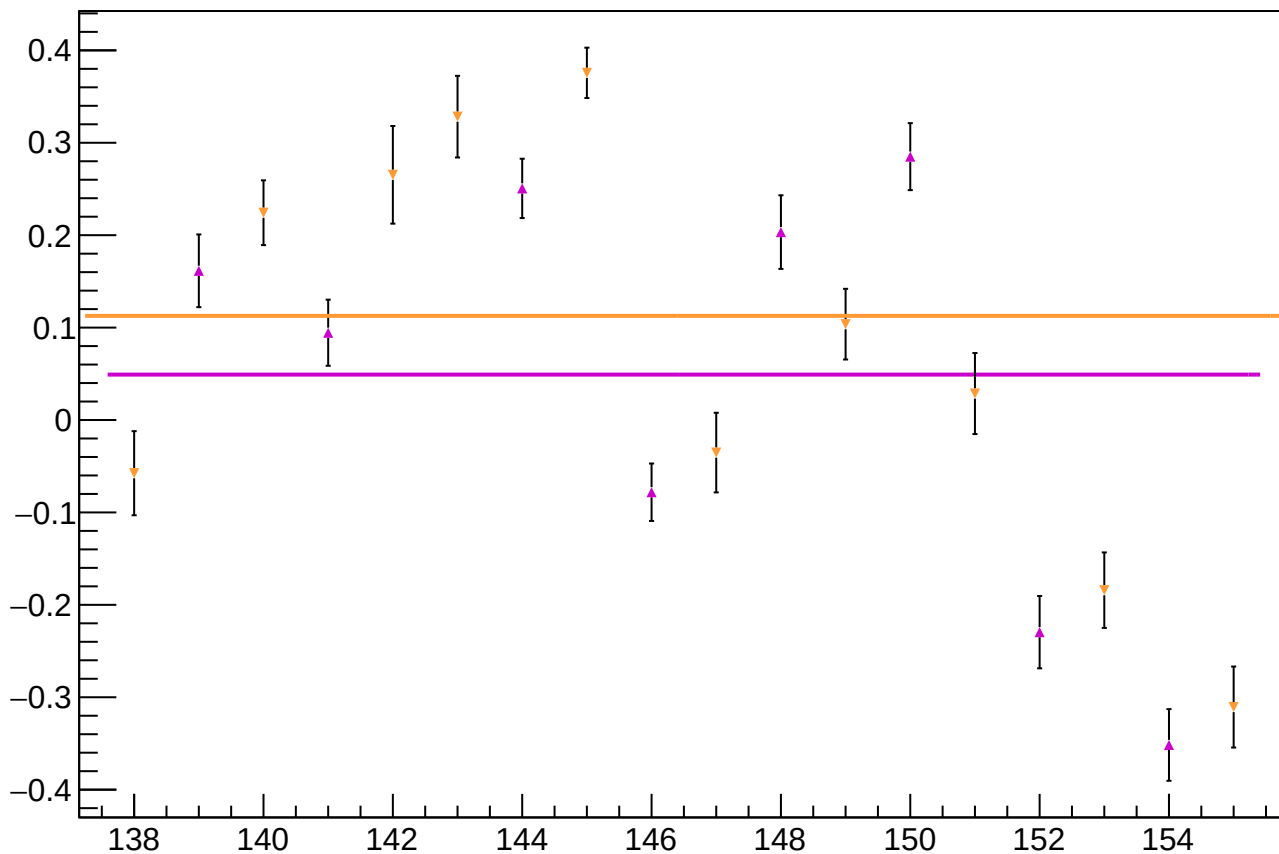
Left In: 61.506+/-0.257 χ^2/NDF : 375.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.983+/-0.181 χ^2/NDF : 1108.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

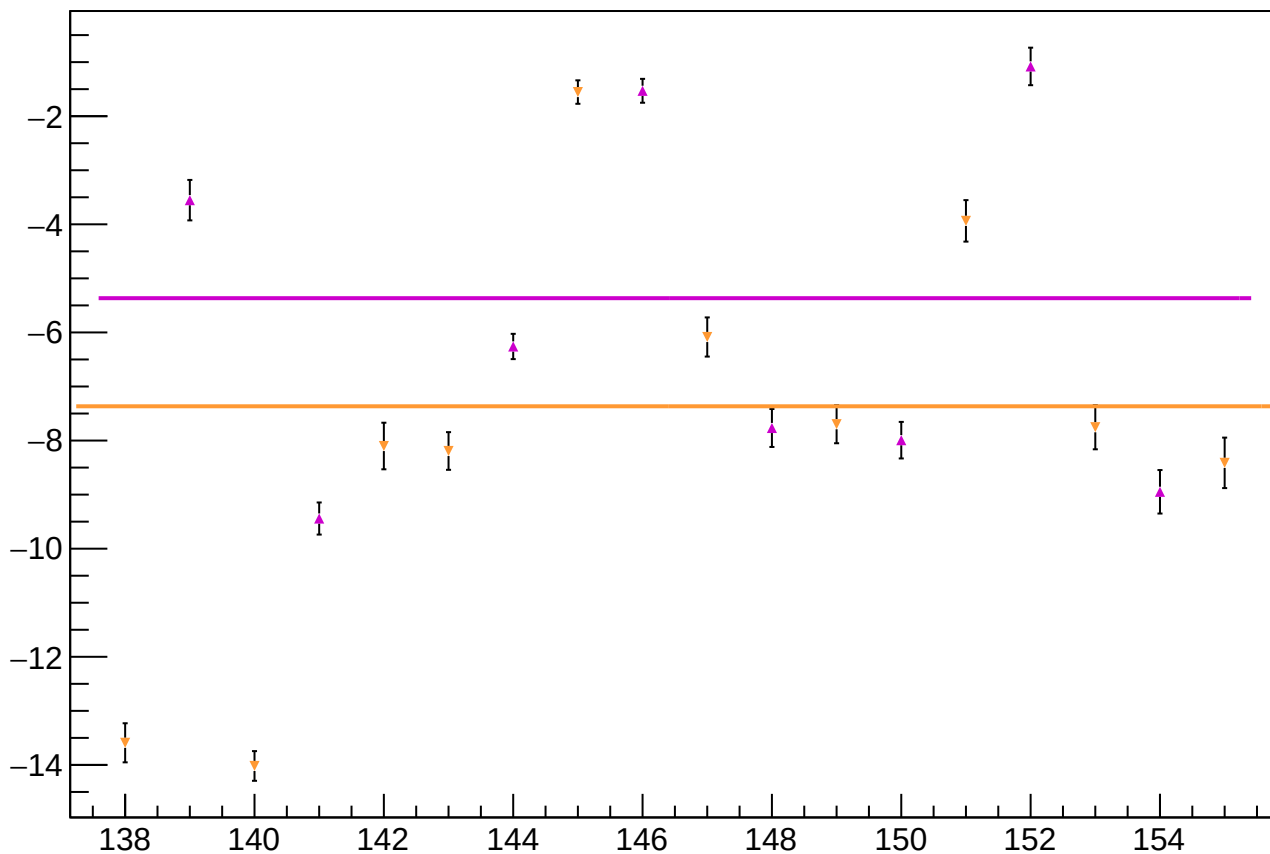
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.113 $\pm$ 0.013 χ^2 /NDF:311.0/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.049 $\pm$ 0.013 χ^2 /NDF:280.7/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.082 $\pm$ 0.009 χ^2 /NDF: 604.4/17
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

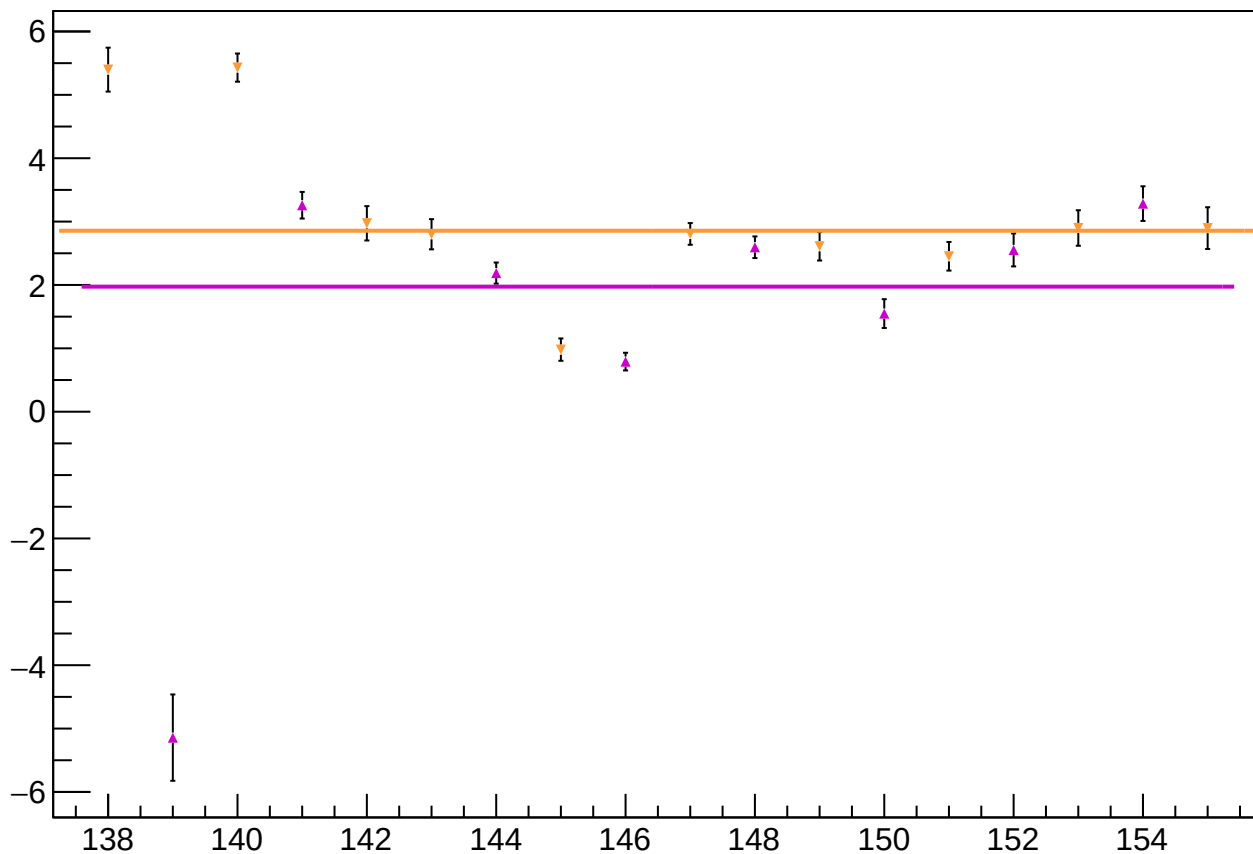
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -7.366 ± 0.106 $\chi^2/\text{NDF}: 1708.5/9$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -5.366 ± 0.106 $\chi^2/\text{NDF}: 867.1/7$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -6.367 ± 0.075 $\chi^2/\text{NDF}: 2753.0/17$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 2.856 $\pm$ 0.073 χ^2 /NDF:305.9/9

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

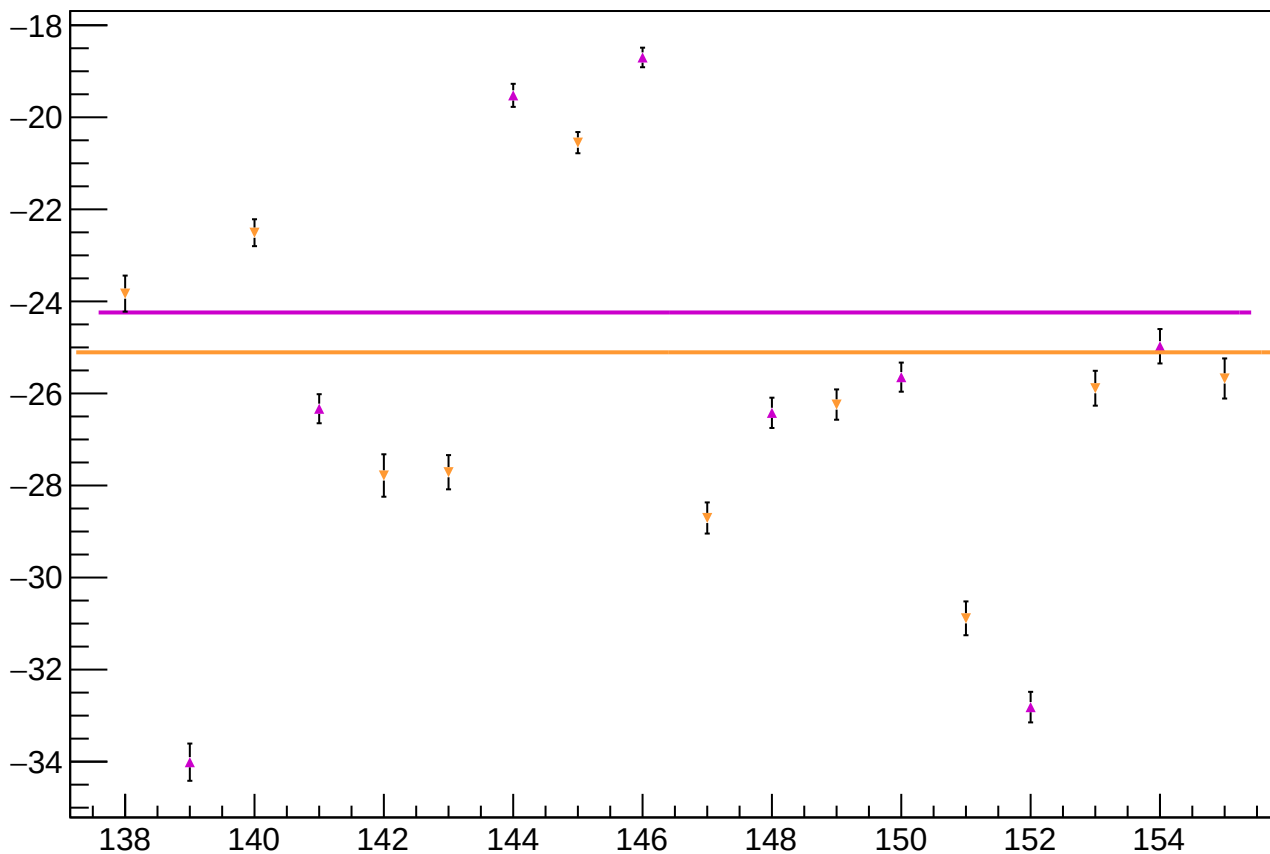
Left In: 1.973 $\pm$ 0.072 χ^2 /NDF:264.7/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.407 $\pm$ 0.051 χ^2 /NDF: 644.7/17

- sign 0.000 $\pm$ 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: -25.106+/-0.107 χ^2/NDF : 941.8/9

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

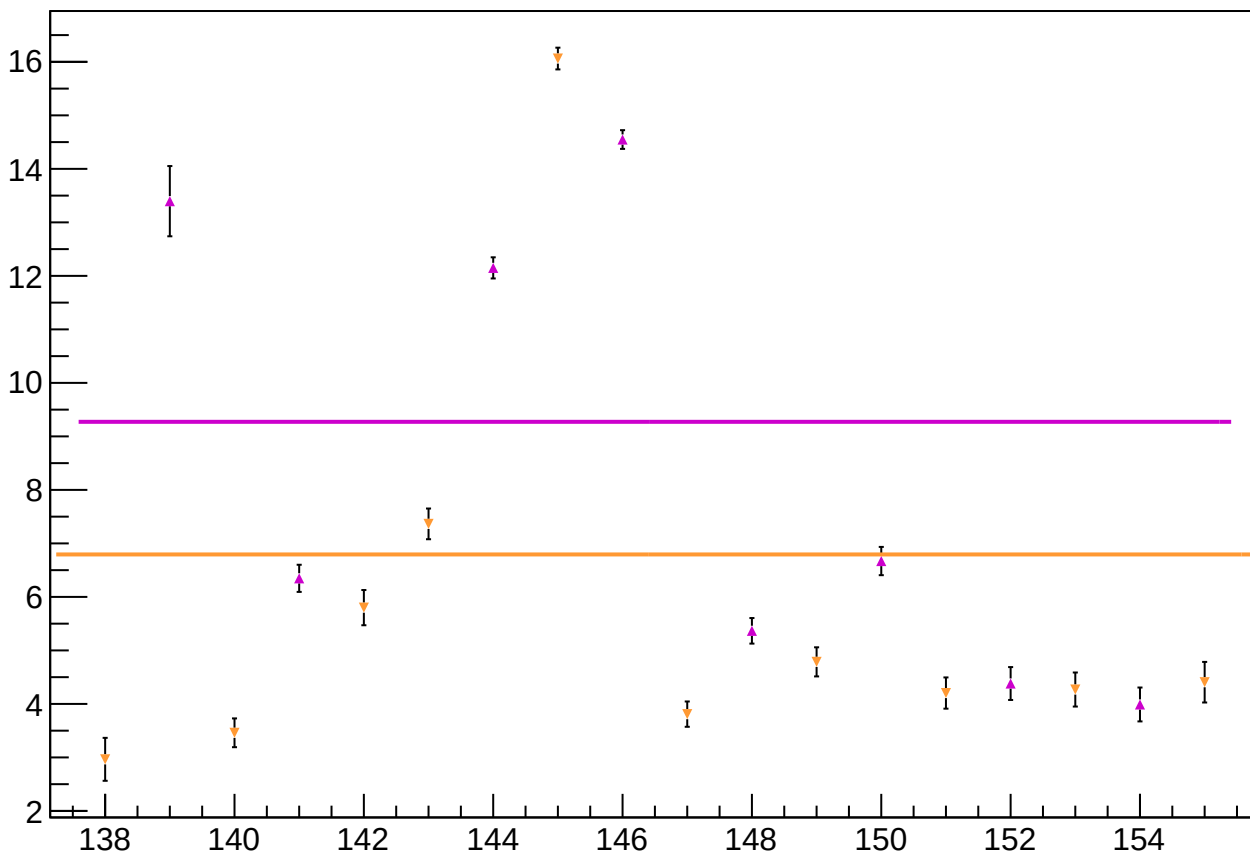
Left In: -24.241+/-0.106 χ^2/NDF : 2395.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.666+/-0.075 χ^2/NDF : 3370.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

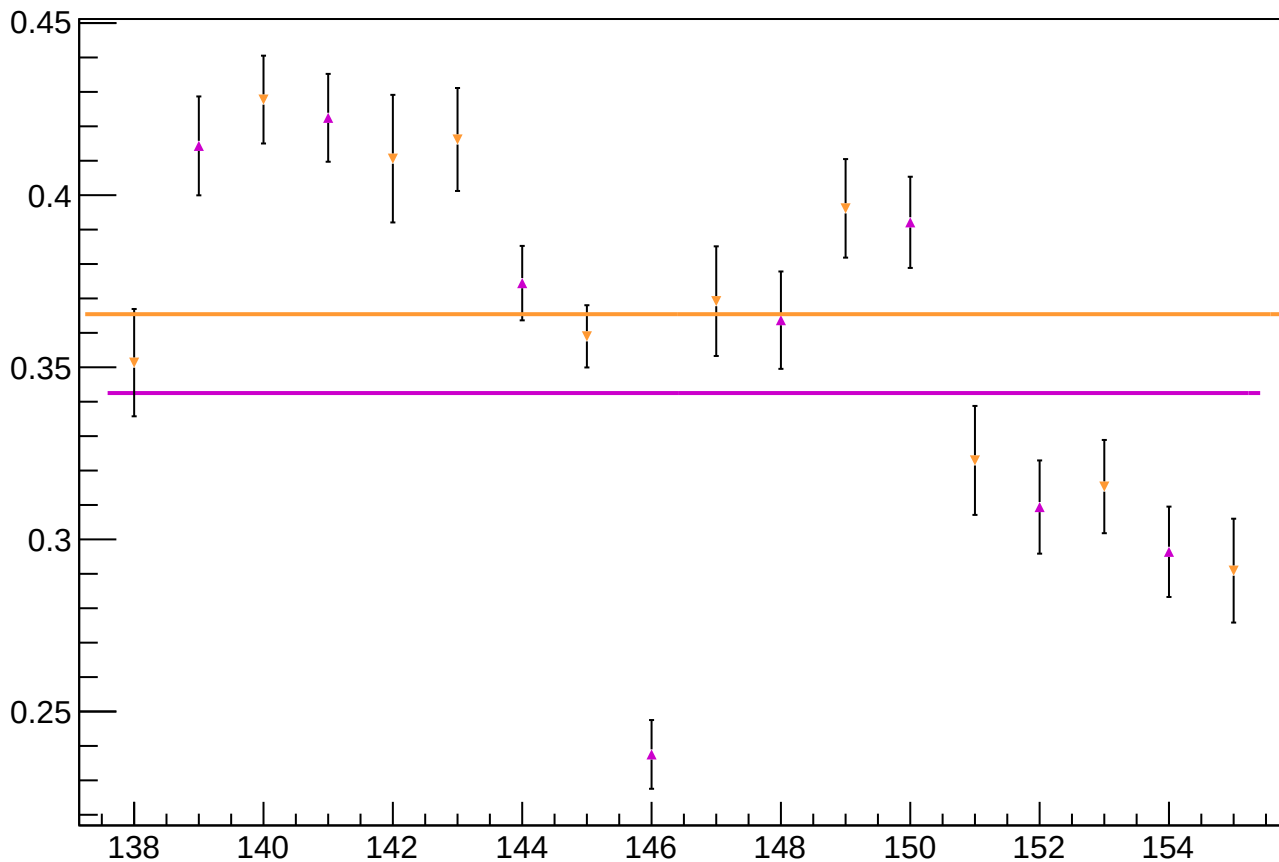
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.794+/-0.089 χ^2/NDF :2732.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.272+/-0.088 χ^2/NDF :2190.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.048+/-0.063 χ^2/NDF : 5313.5/17
 - 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.365+/-0.004 χ^2/NDF :92.6/9

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

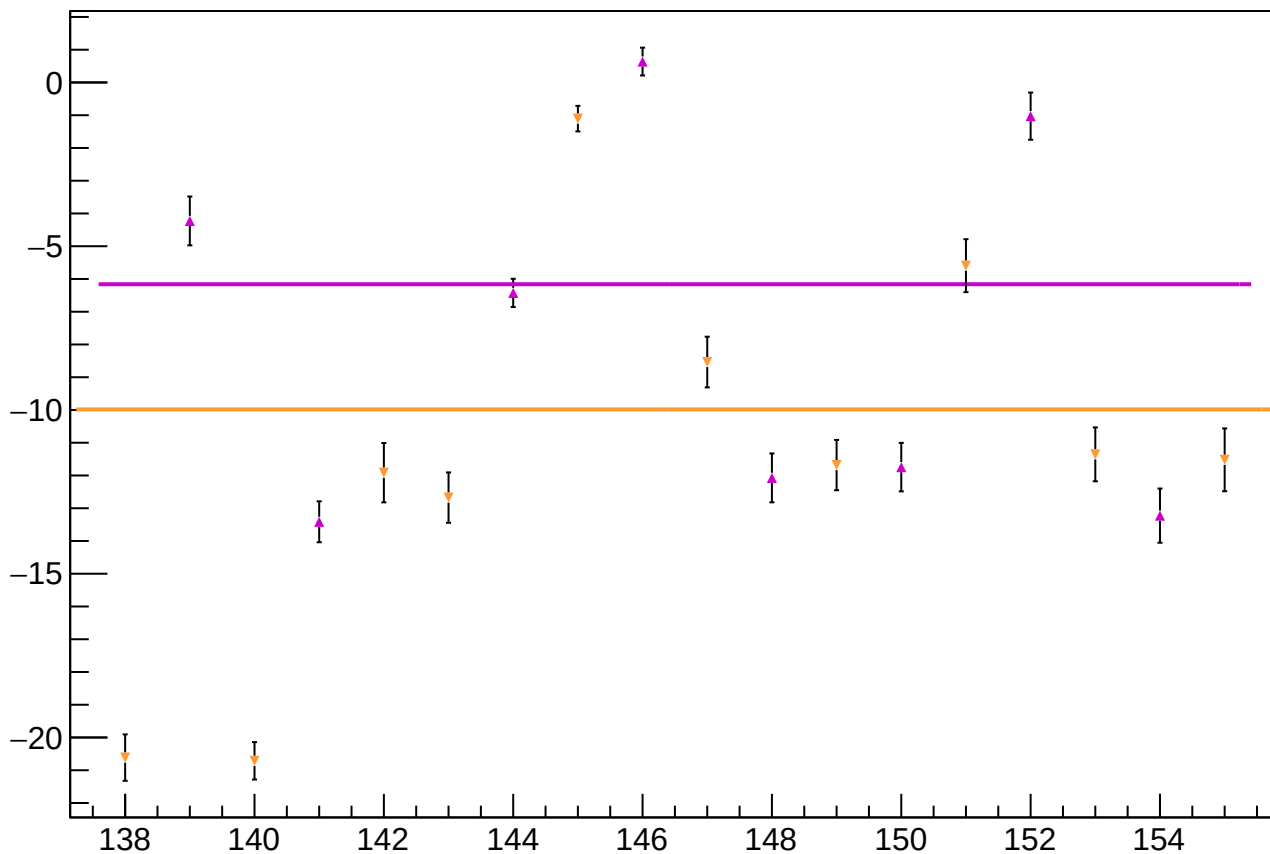
Left In: 0.343+/-0.004 χ^2/NDF :218.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.354+/-0.003 χ^2/NDF : 324.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.984+/-0.213 χ^2/NDF : 1155.8/9

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

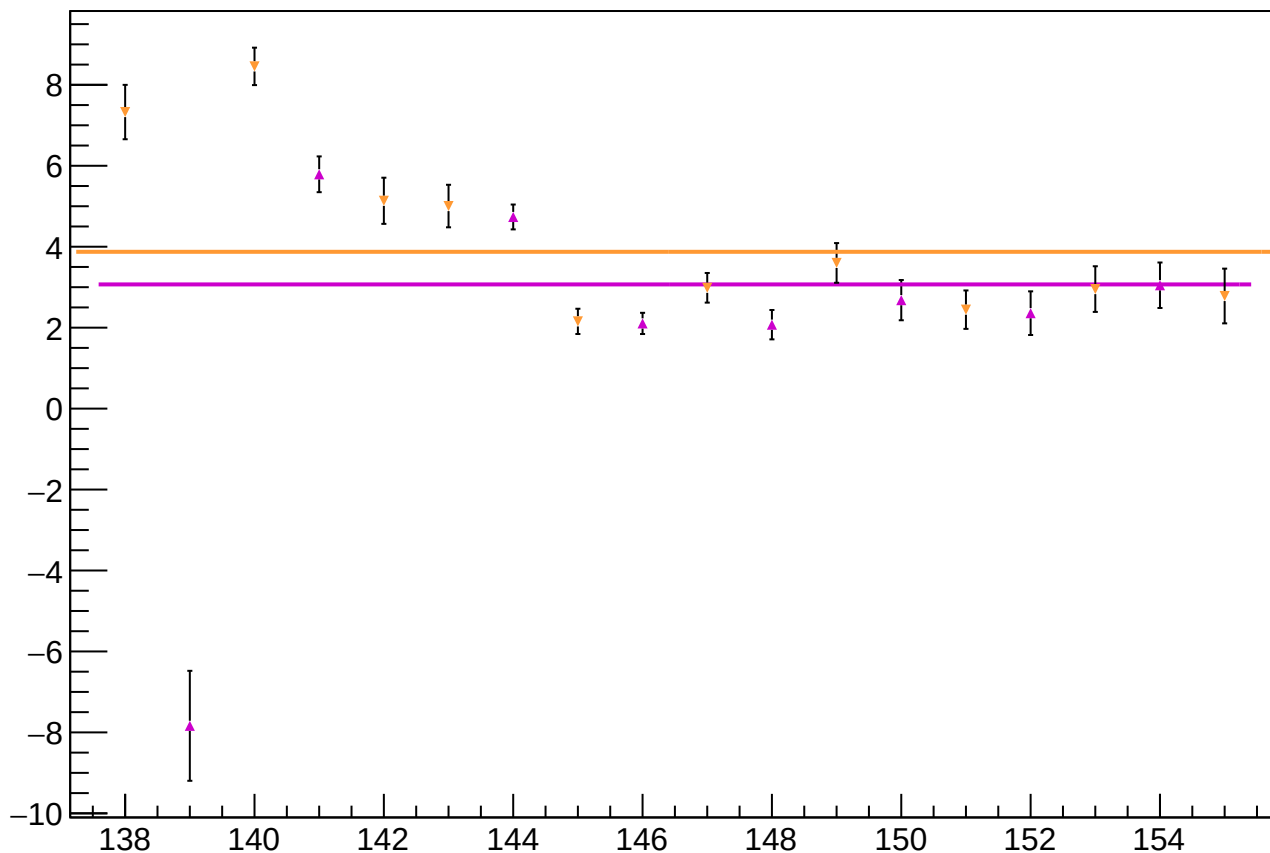
Left In: -6.161+/-0.212 χ^2/NDF : 642.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.059+/-0.150 χ^2/NDF : 1959.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

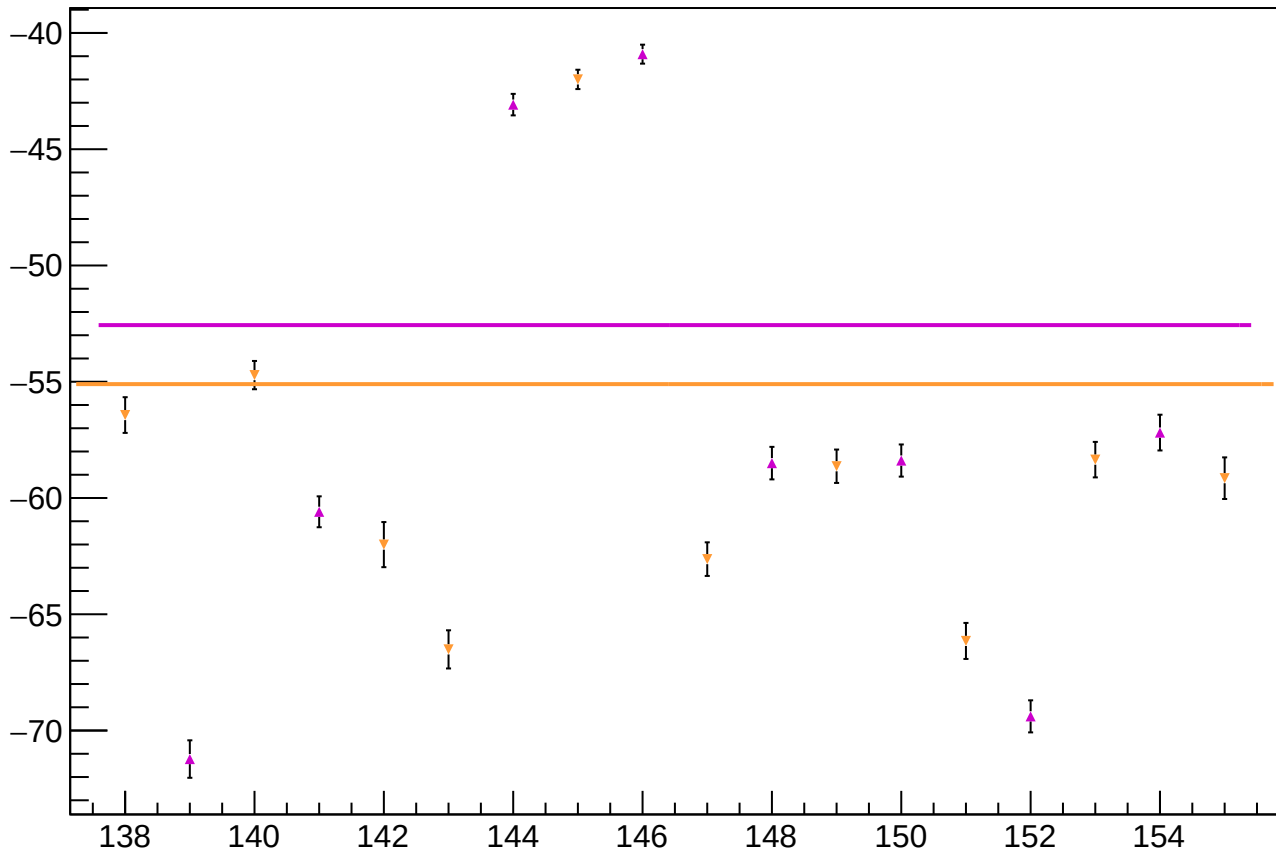
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.874+/-0.149 χ^2/NDF :185.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.069+/-0.143 χ^2/NDF :155.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.455+/-0.103 χ^2/NDF : 355.5/17
 - sign 0.000+/-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: -55.102+/-0.217 χ^2/NDF :1614.5/9

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

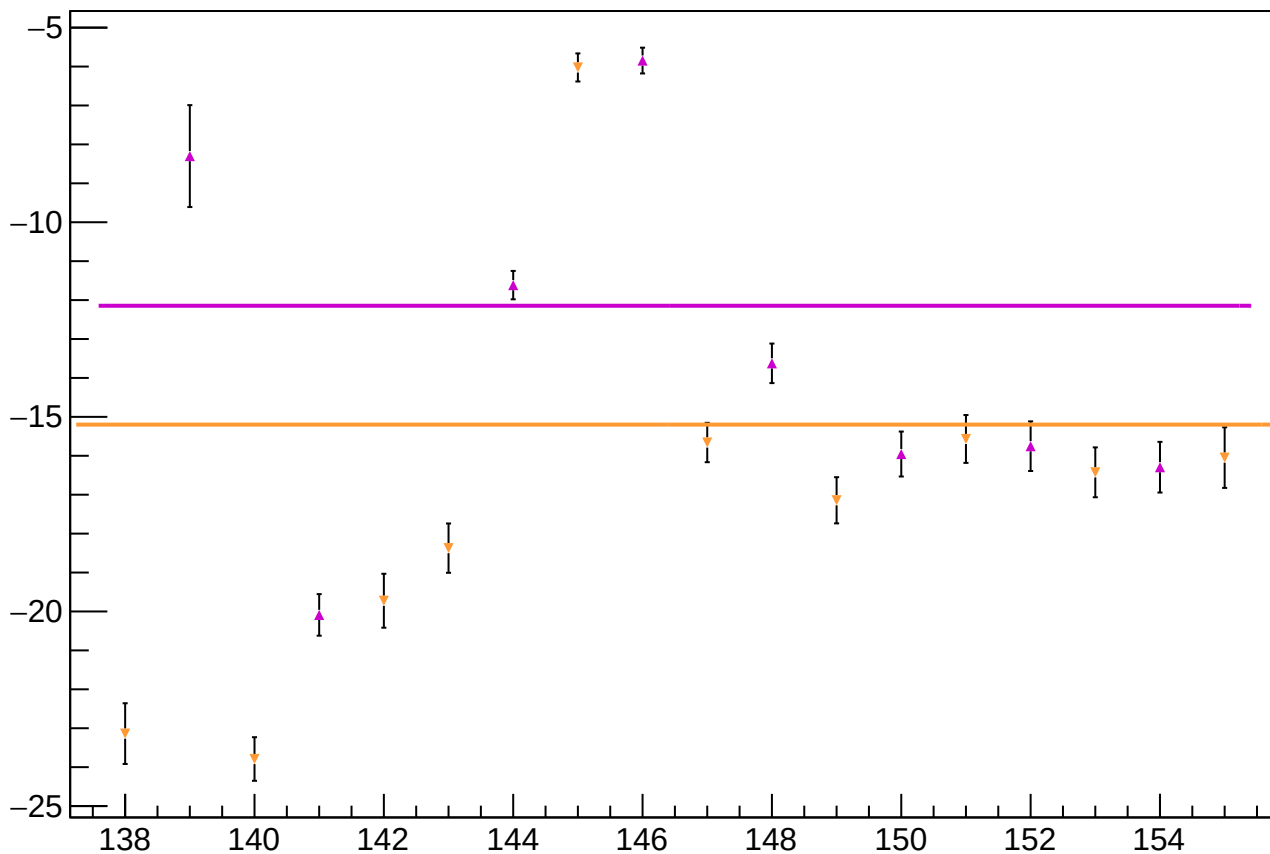
Left In: -52.564+/-0.211 χ^2/NDF :2693.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.798+/-0.151 χ^2/NDF : 4378.1/17

- 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: -15.199+/-0.181 χ^2/NDF : 1070.2/9

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

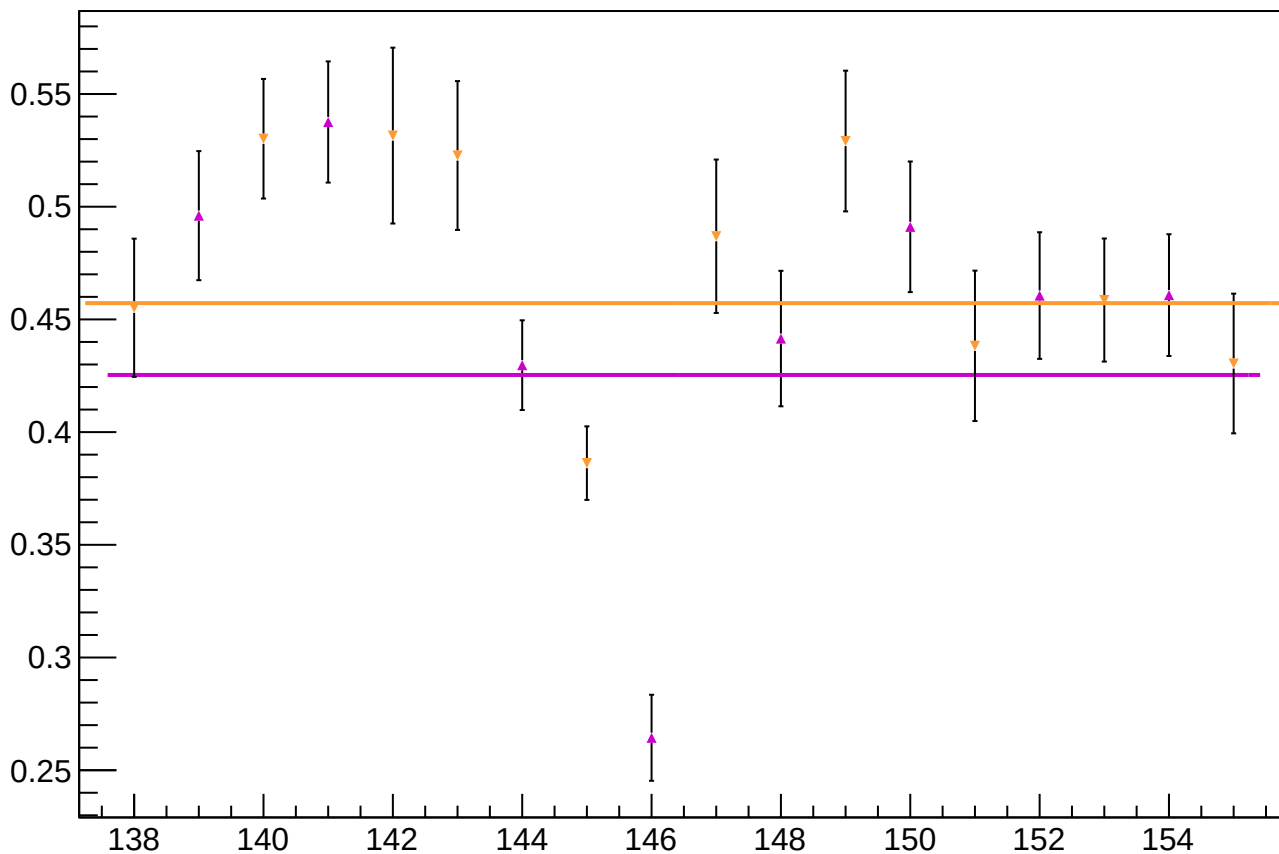
Left In: -12.146+/-0.176 χ^2/NDF : 718.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.627+/-0.126 χ^2/NDF : 1935.4/17

- 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: 0.457 $\pm$ 0.009 χ^2 /NDF:41.2/9

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

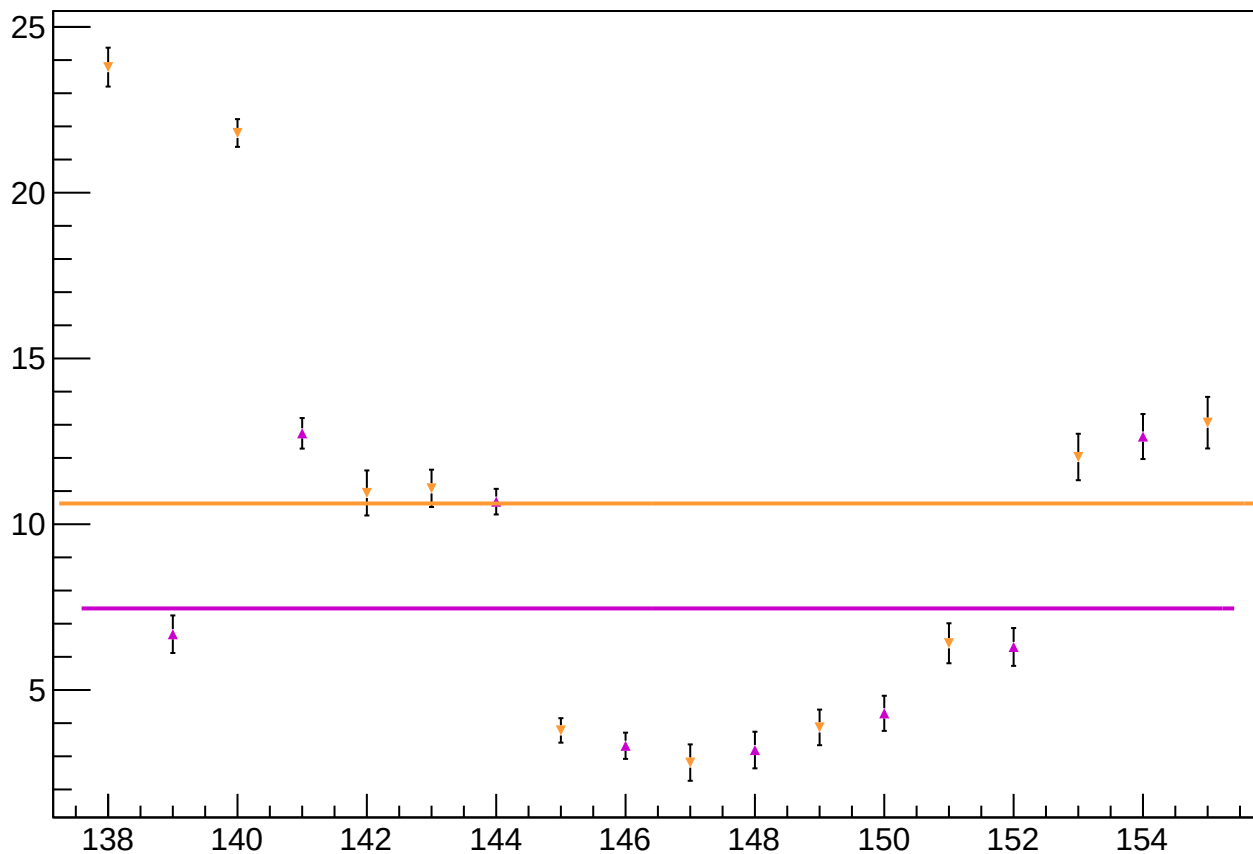
Left In: 0.425 $\pm$ 0.009 χ^2 /NDF:103.4/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.441 $\pm$ 0.006 χ^2 /NDF: 151.2/17

- 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: 10.626+/-0.170 χ^2/NDF :1984.8/9

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

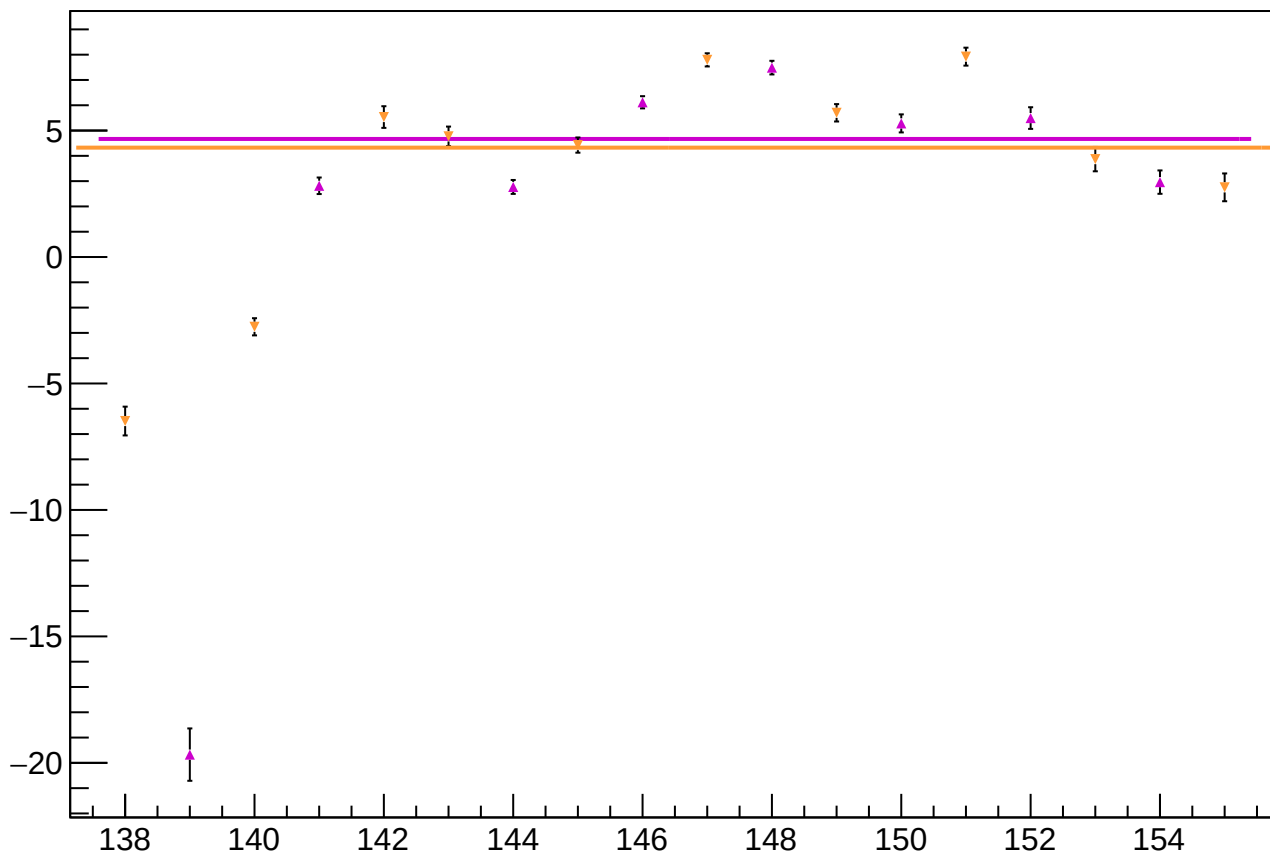
Left In: 7.460+/-0.174 χ^2/NDF :470.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.078+/-0.122 χ^2/NDF : 2623.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

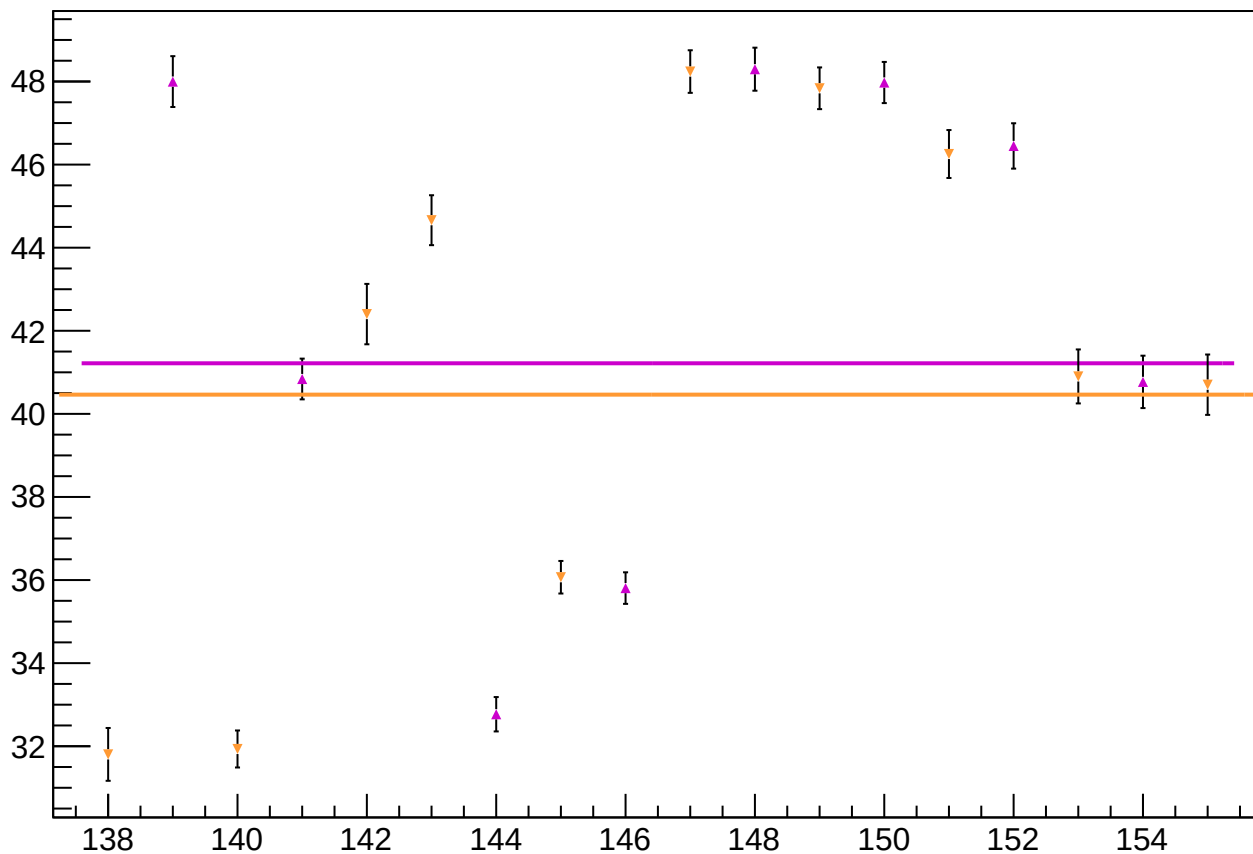
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.325+/-0.116 χ^2/NDF :1110.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.668+/-0.117 χ^2/NDF :798.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.495+/-0.083 χ^2/NDF : 1912.9/17
 - sign 0.000+/-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: 40.463+/-0.172 χ^2/NDF :1281.0/9

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

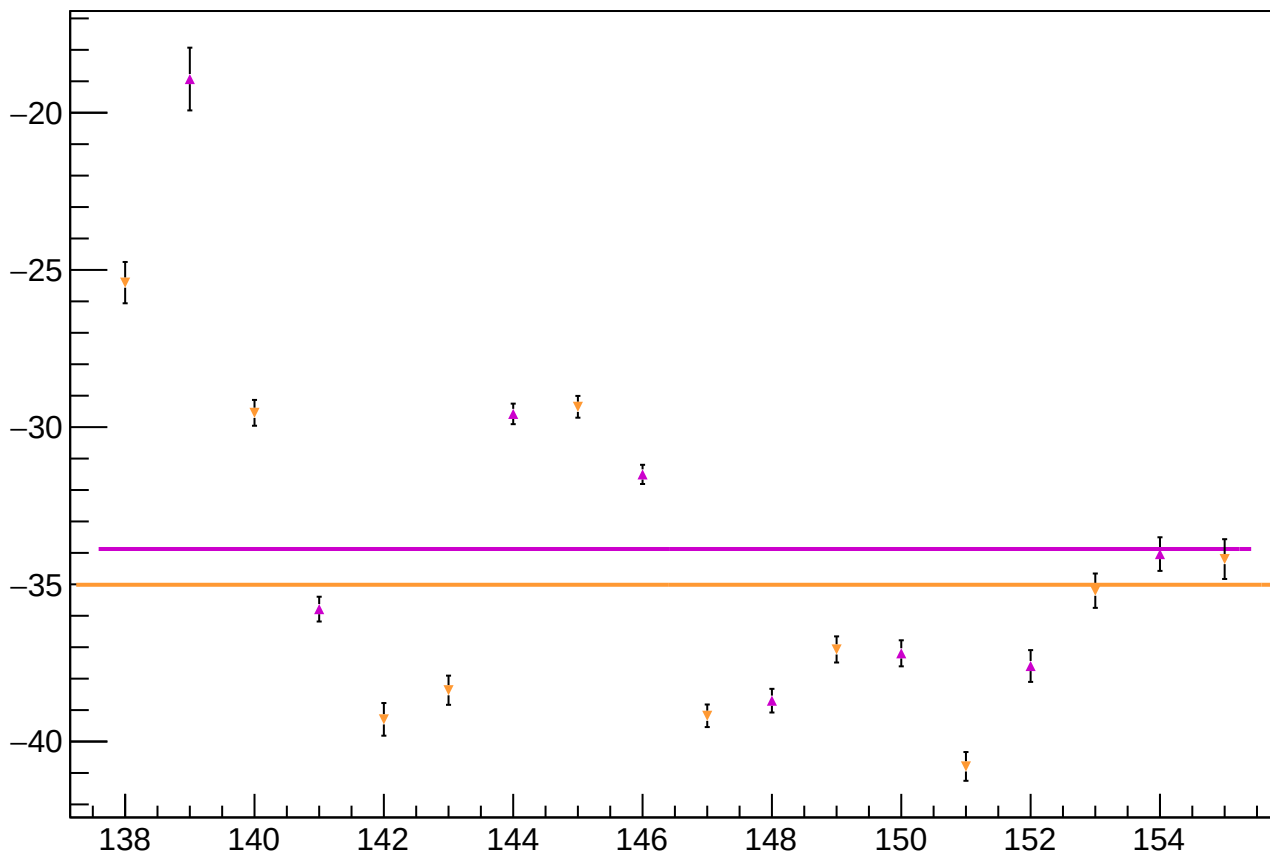
Left In: 41.218+/-0.173 χ^2/NDF :1208.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.838+/-0.122 χ^2/NDF : 2498.9/17

- 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: -35.014+/-0.143 χ^2/NDF :1098.8/9

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

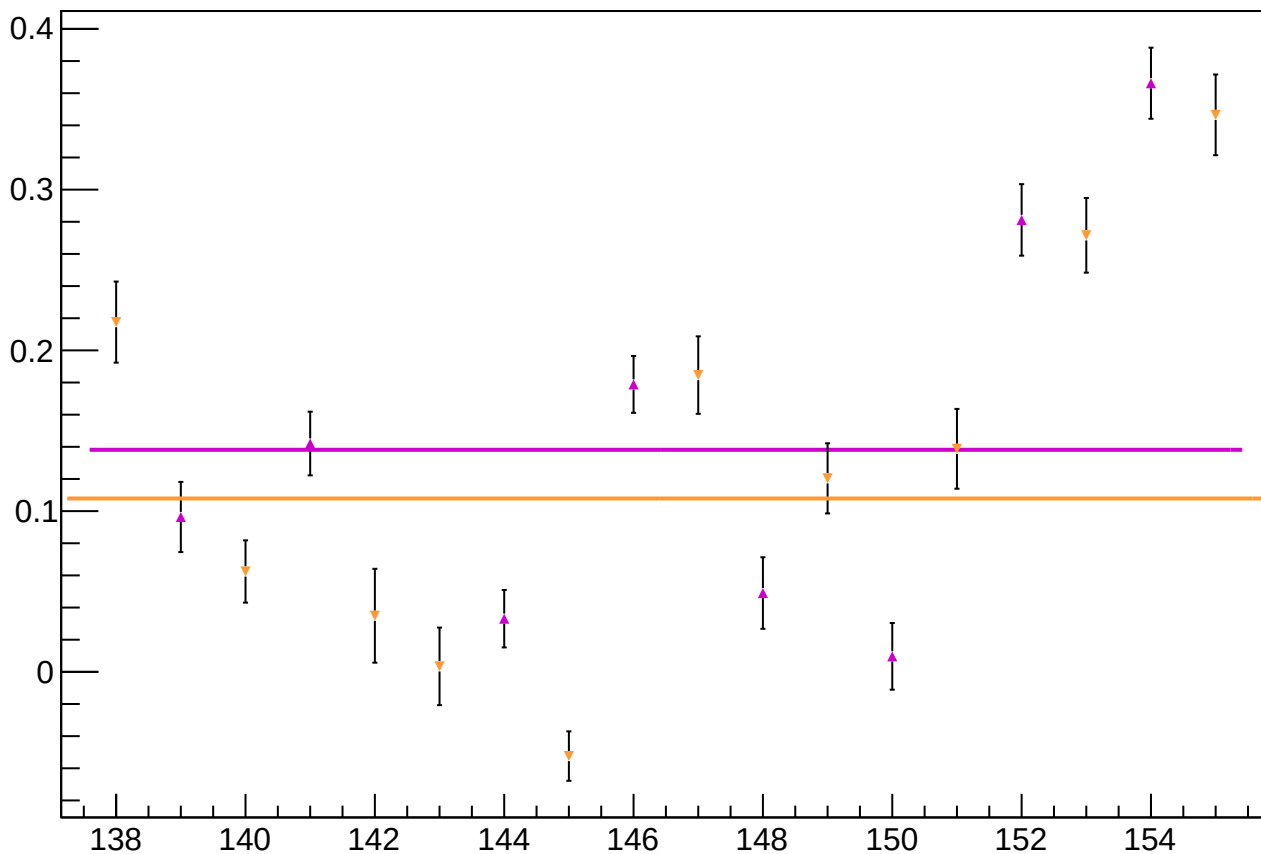
Left In: -33.876+/-0.145 χ^2/NDF :764.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.452+/-0.102 χ^2/NDF : 1894.6/17

- 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: 0.108 $\pm$ 0.007 χ^2 /NDF:310.0/9

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

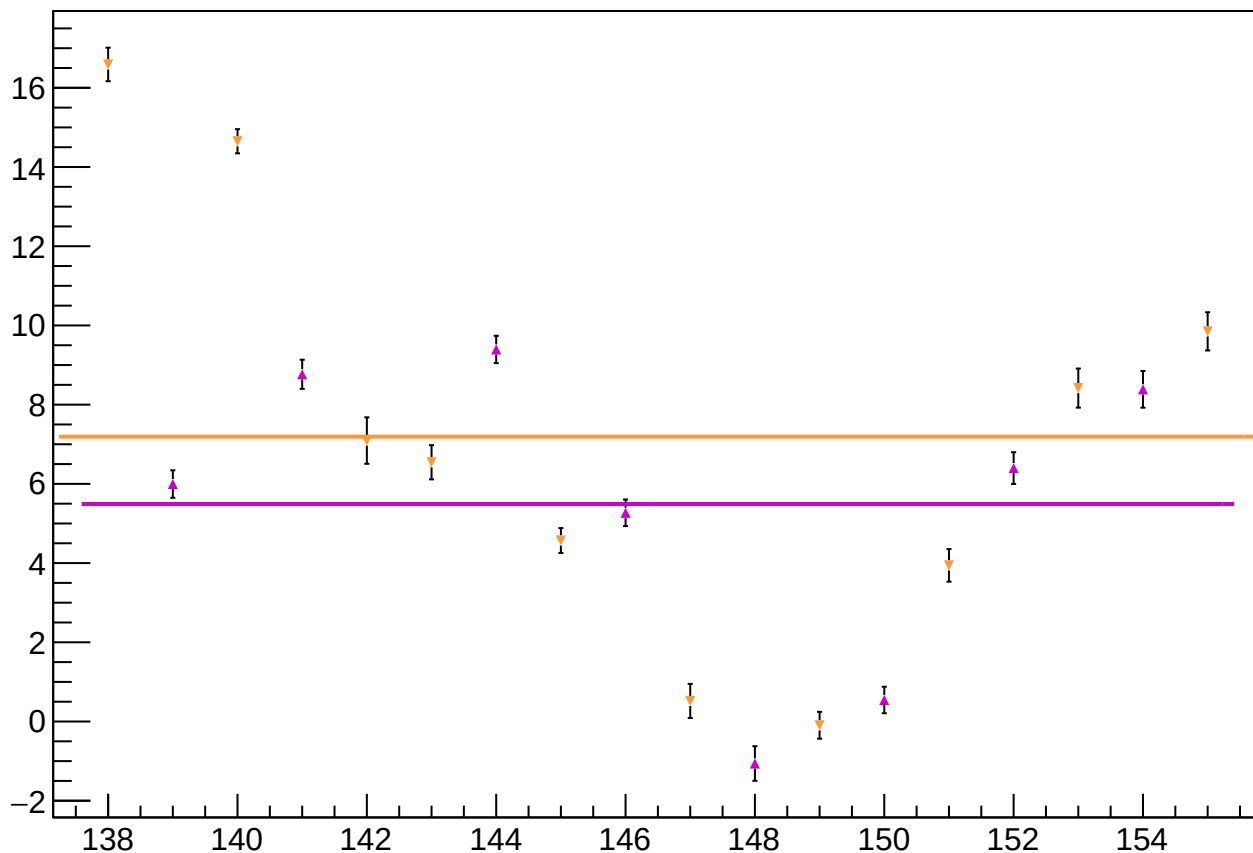
Left In: 0.138 $\pm$ 0.007 χ^2 /NDF:245.6/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.123 $\pm$ 0.005 χ^2 /NDF: 564.7/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

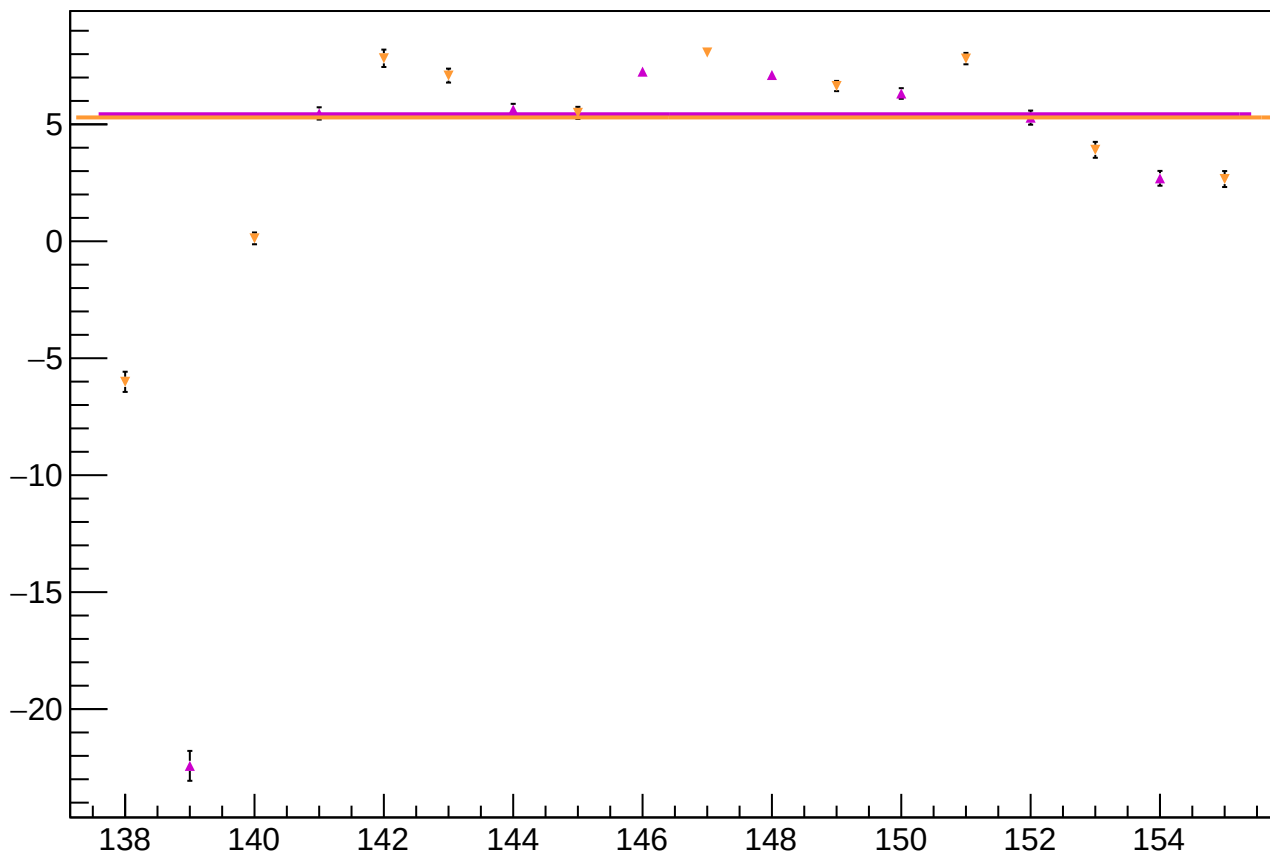
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.191+/-0.126 χ^2/NDF :1961.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.492+/-0.131 χ^2/NDF :697.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6.378+/-0.091 χ^2/NDF : 2746.2/17
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

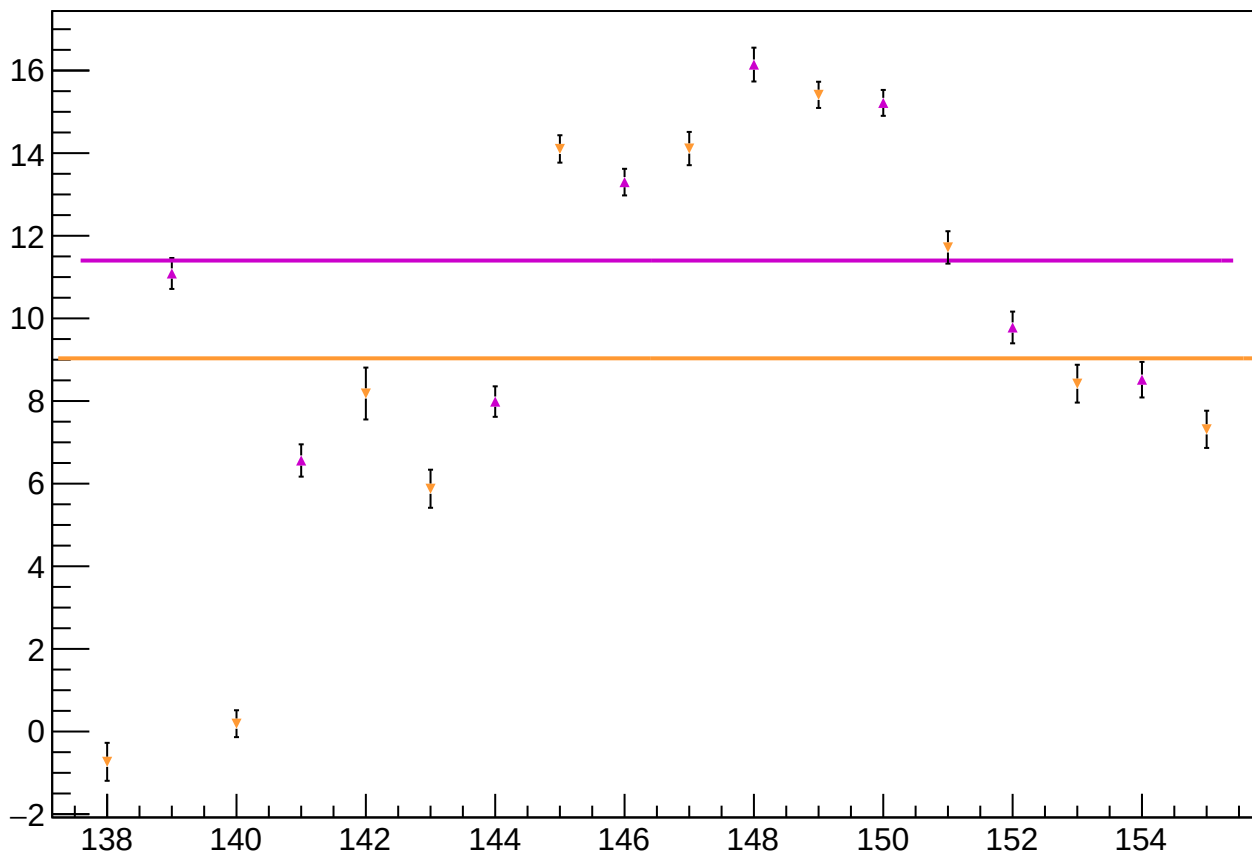
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.294+/-0.087 χ^2/NDF :1587.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.430+/-0.092 χ^2/NDF :2125.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 5.358+/-0.063 χ^2/NDF : 3713.3/17
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

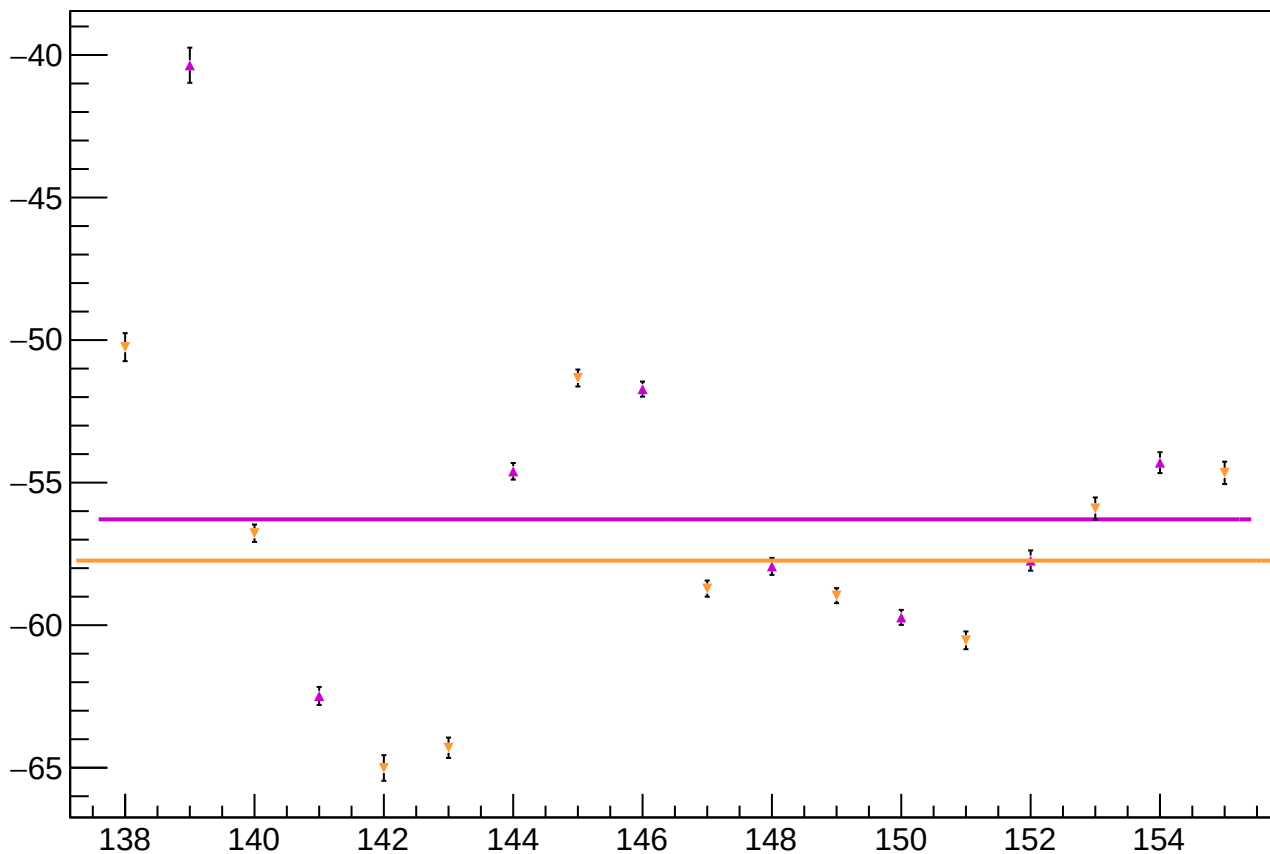
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.033+/-0.126 χ^2/NDF :2100.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.400+/-0.130 χ^2/NDF :619.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 10.179+/-0.091 χ^2/NDF : 2889.7/17
 - sign 0.000+/-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: -57.735+/-0.106 χ^2/NDF :1503.4/9

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

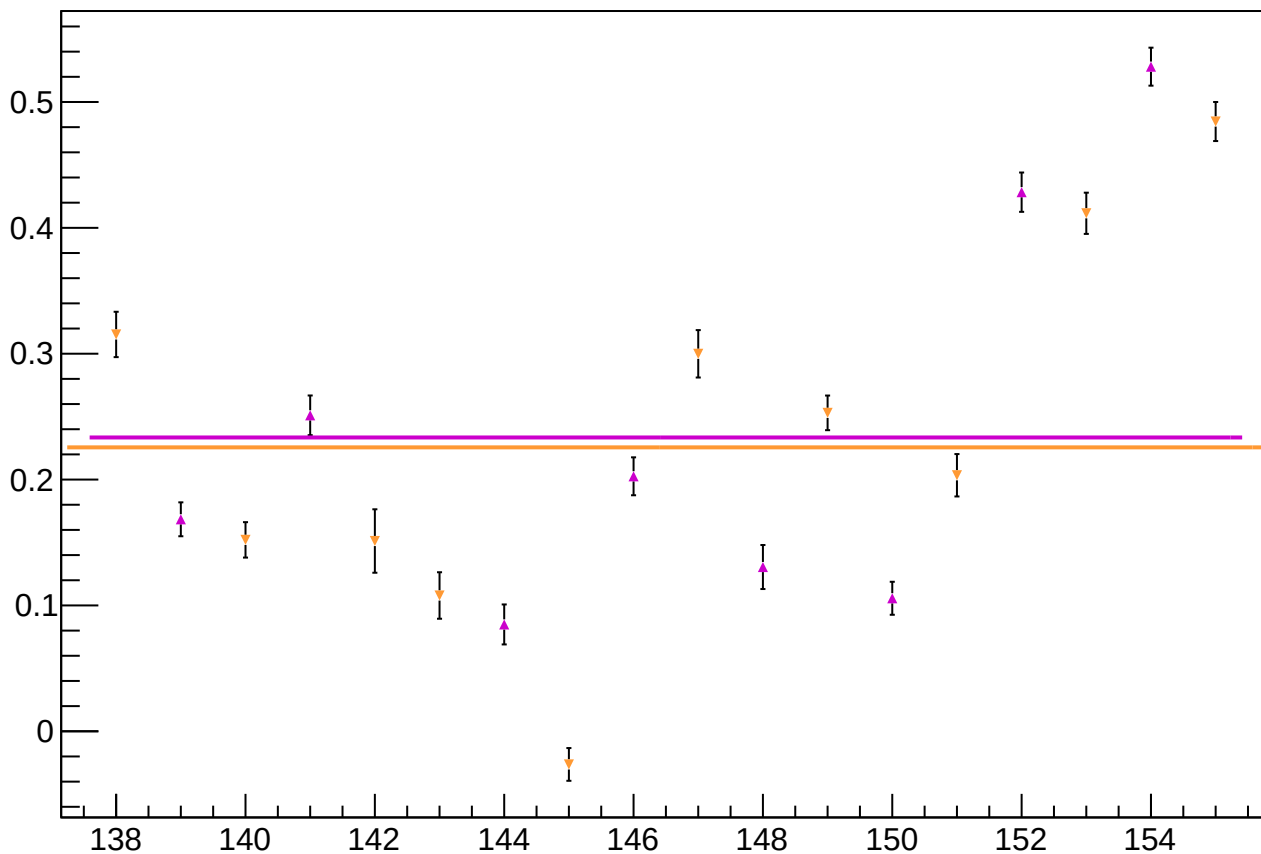
Left In: -56.287+/-0.112 χ^2/NDF :1630.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.053+/-0.077 χ^2/NDF : 3221.8/17

- 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: 0.226 $\pm$ 0.005 χ^2 /NDF:904.9/9

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

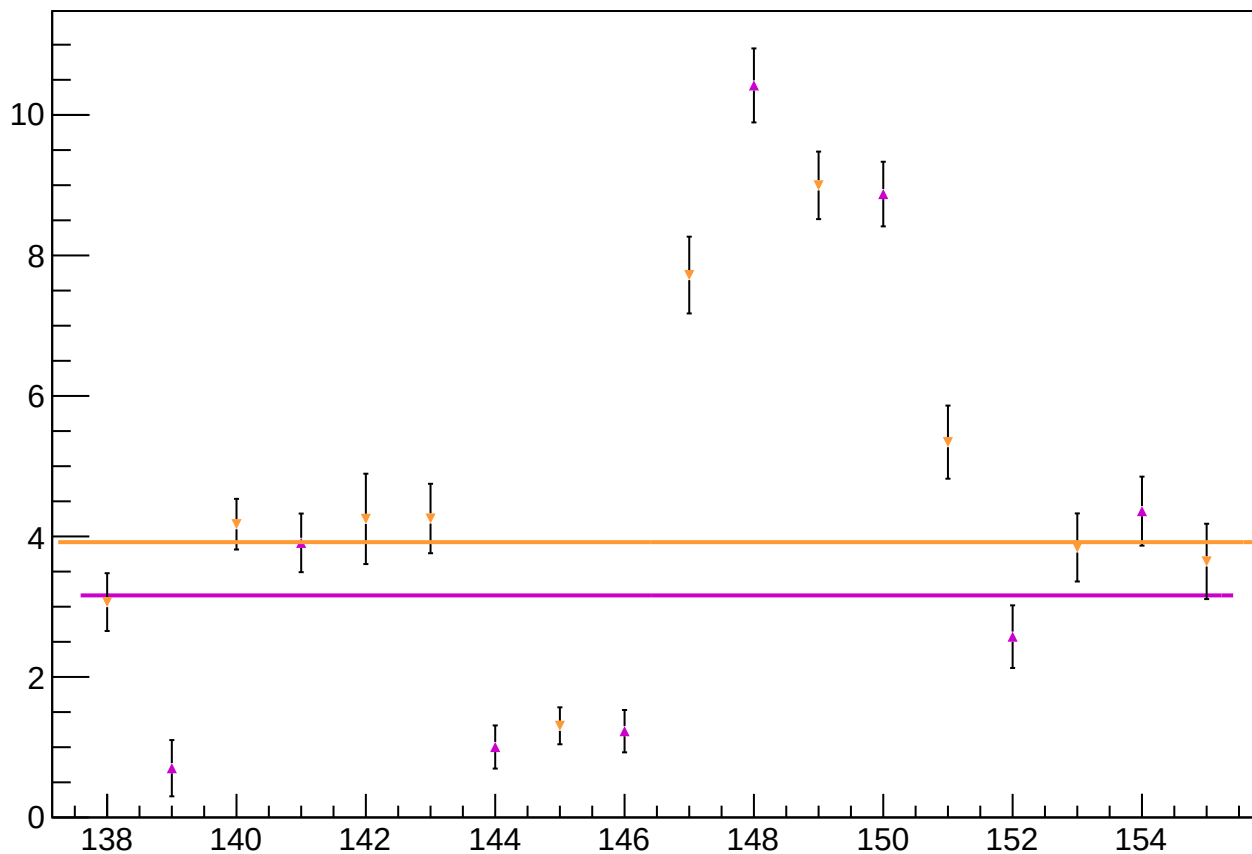
Left In: 0.233 $\pm$ 0.005 χ^2 /NDF:782.7/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.229 $\pm$ 0.004 χ^2 /NDF: 1688.7/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

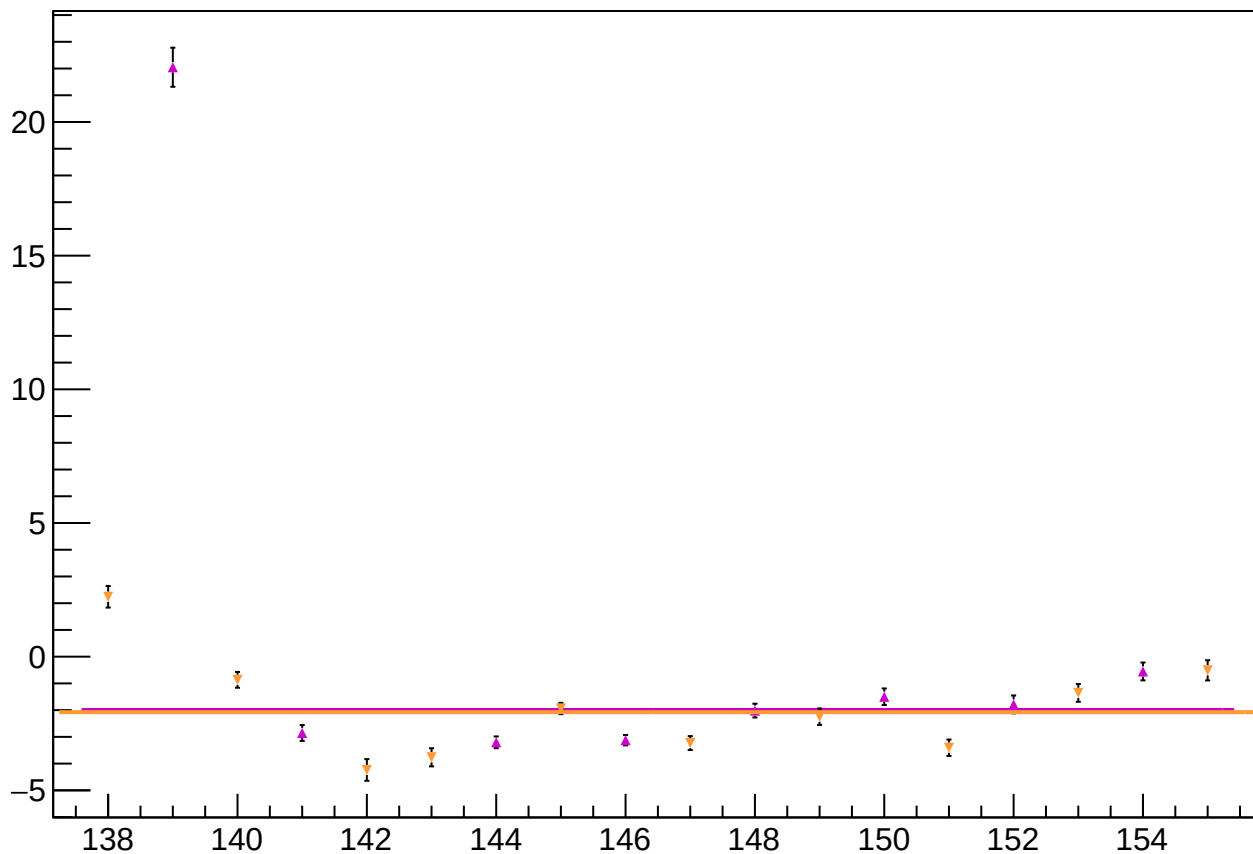
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.919 $\pm$ 0.136 χ^2 /NDF:272.2/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.161 $\pm$ 0.140 χ^2 /NDF:483.4/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.549 $\pm$ 0.098 χ^2 /NDF: 770.7/17
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

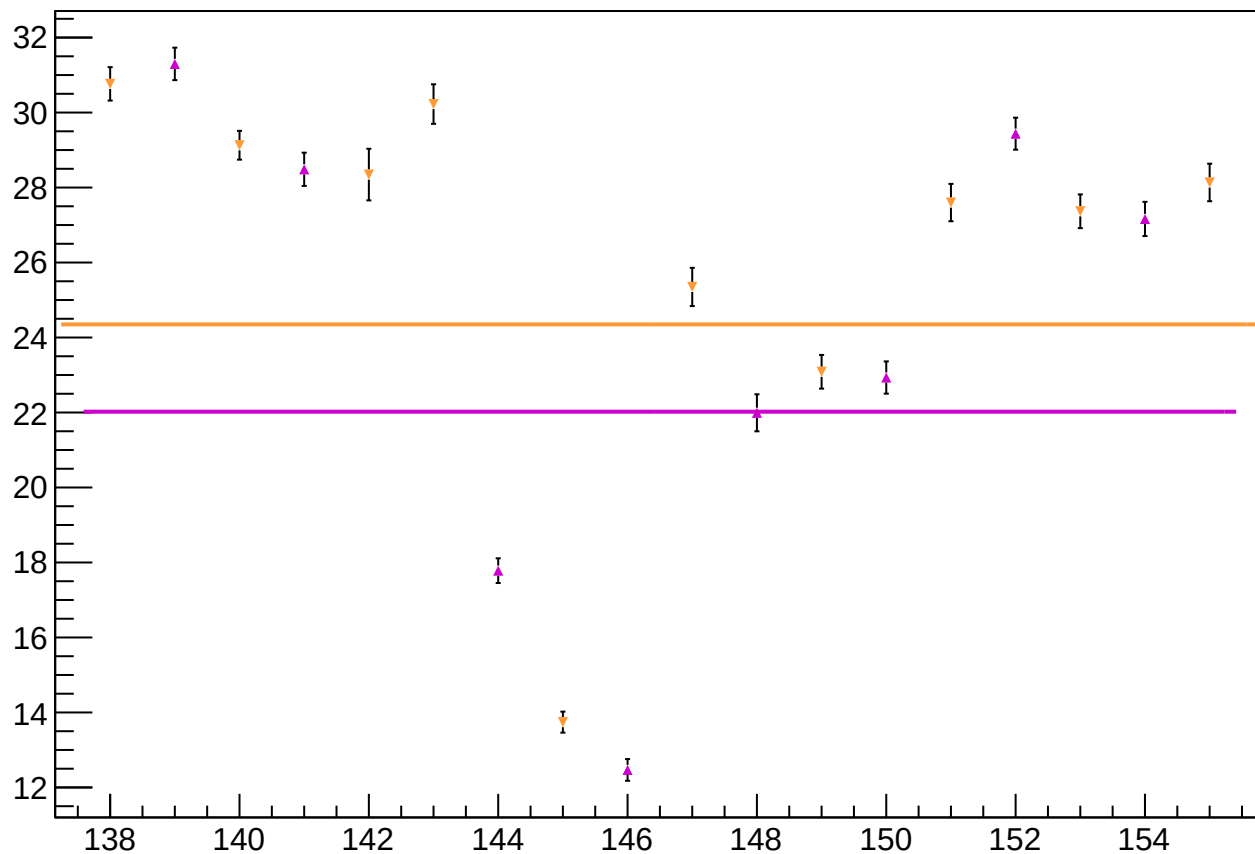
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.076 $\pm$ 0.097 χ^2 /NDF: 245.2/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.995 $\pm$ 0.098 χ^2 /NDF: 1175.7/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -2.036 $\pm$ 0.069 χ^2 /NDF: 1421.3/17
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

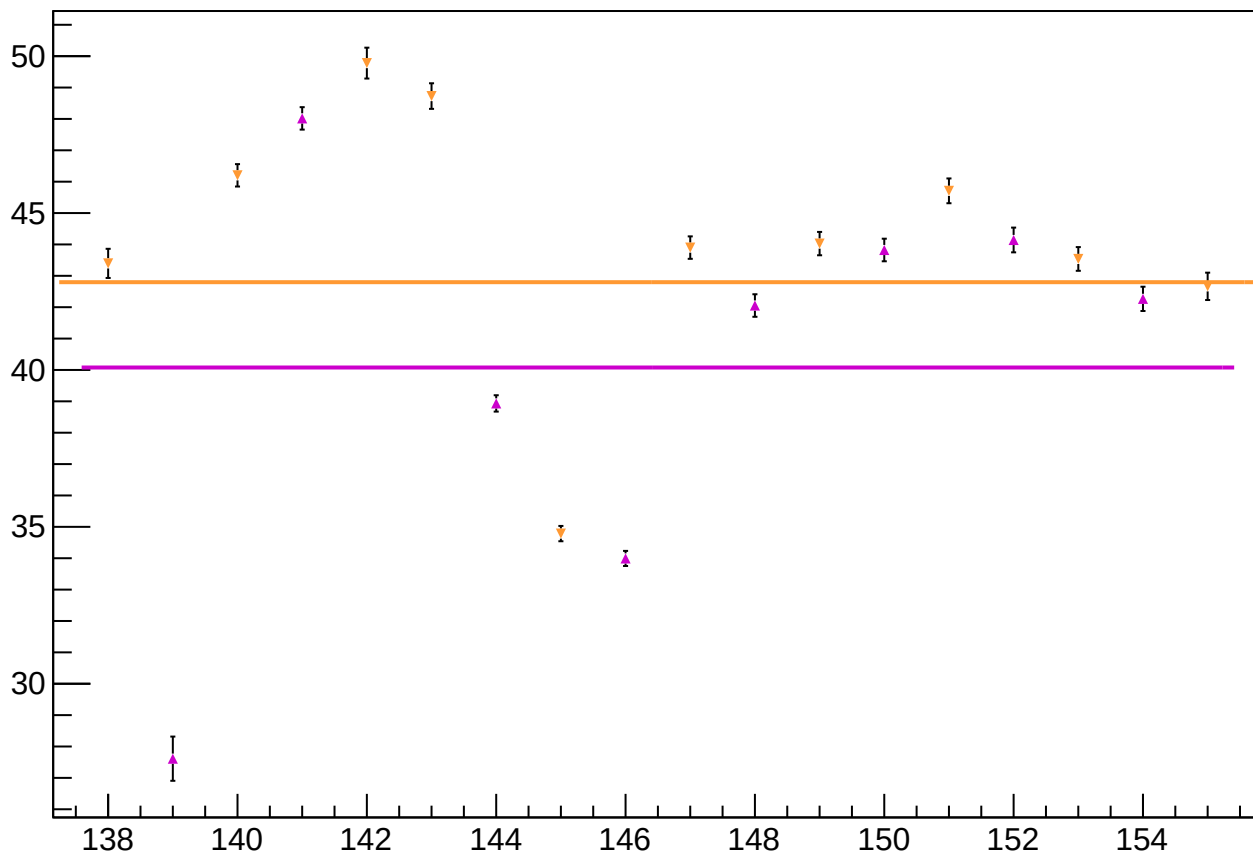
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 24.350 $\pm$ 0.139 χ^2 /NDF:2108.1/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 22.022 $\pm$ 0.140 χ^2 /NDF:2356.4/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 23.193 $\pm$ 0.098 χ^2 /NDF: 4604.5/17
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

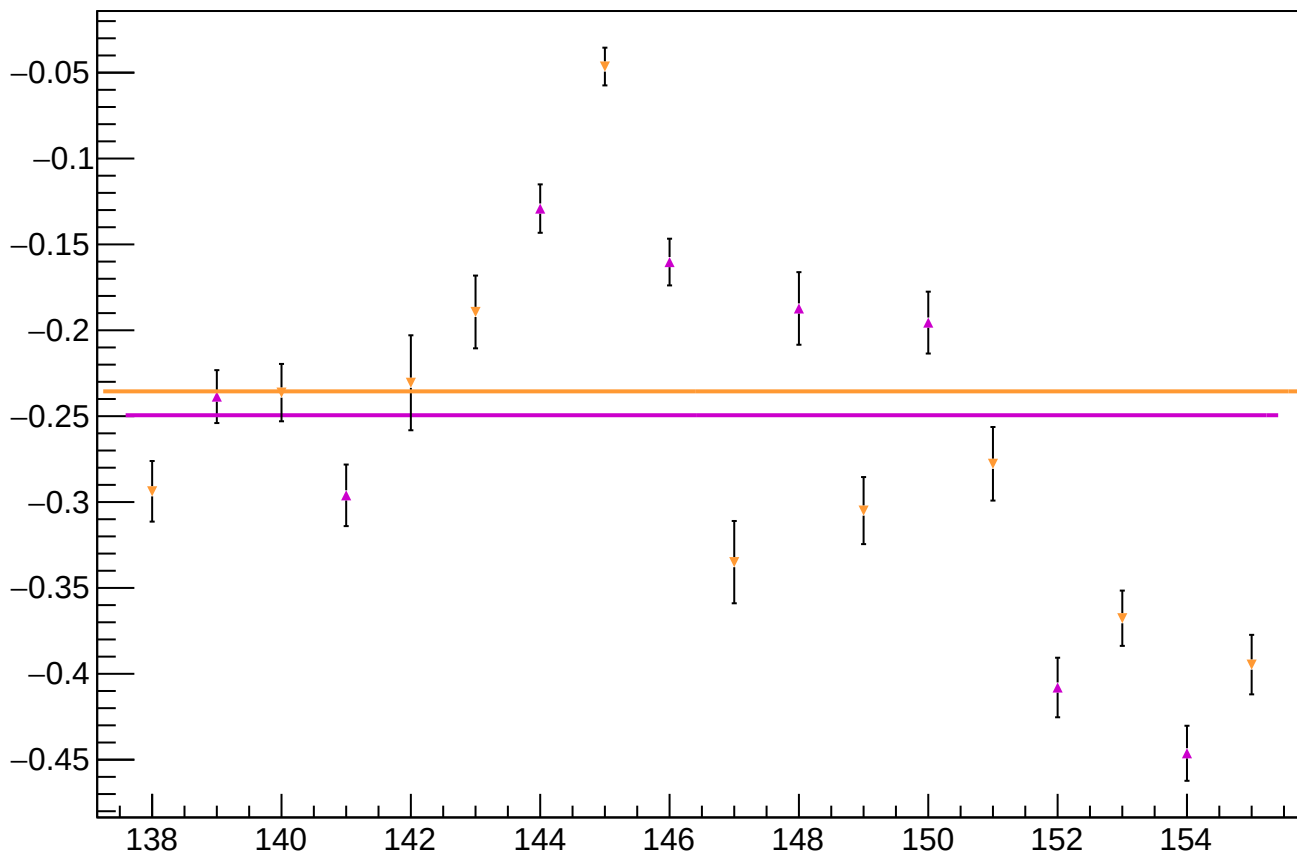
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 42.797 $\pm$ 0.117 χ^2/NDF :1662.7/9
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 40.078 $\pm$ 0.119 χ^2/NDF :1742.1/7

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 41.463 $\pm$ 0.083 χ^2/NDF : 3670.0/17
 - sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.236 $\pm$ 0.006 χ^2 /NDF: 497.5/9

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

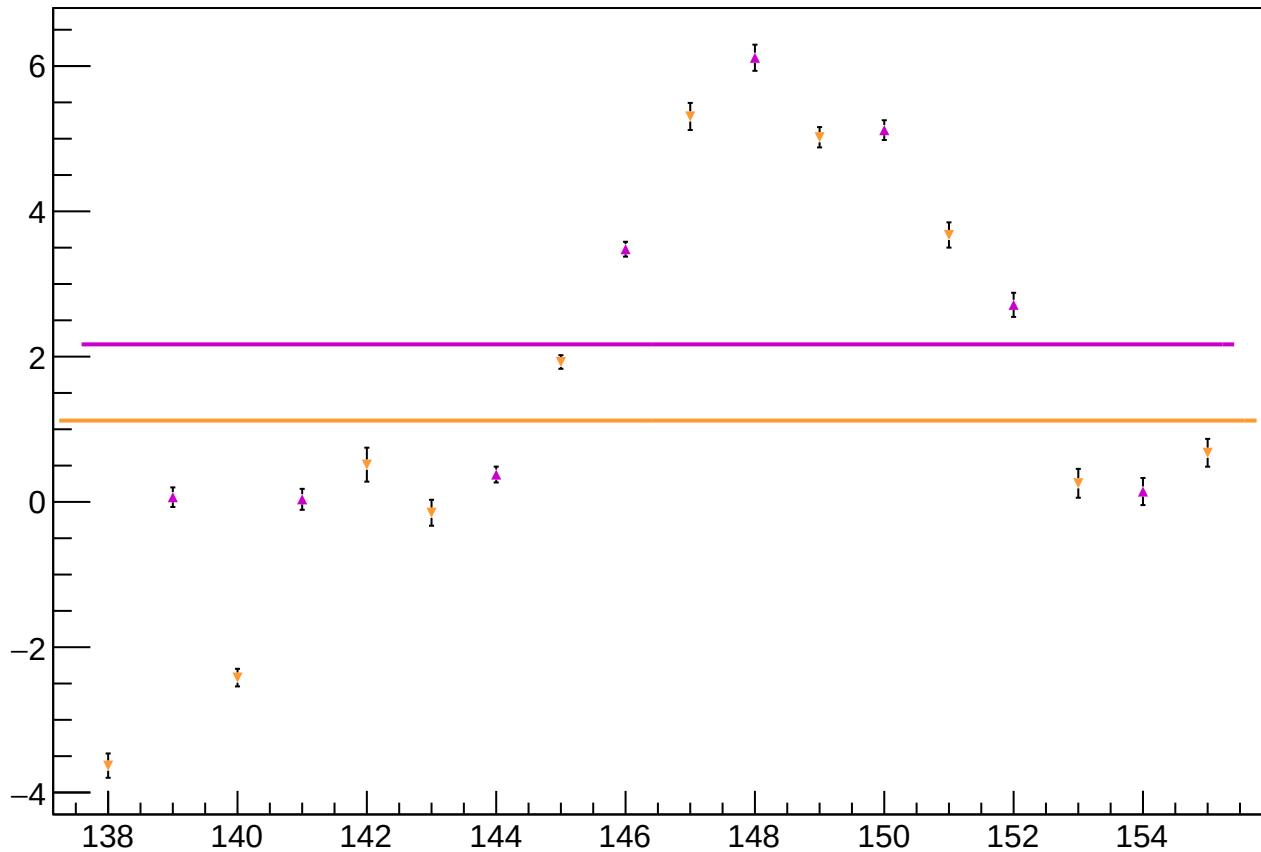
Left In: -0.249 $\pm$ 0.006 χ^2 /NDF: 375.3/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.242 $\pm$ 0.004 χ^2 /NDF: 875.8/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

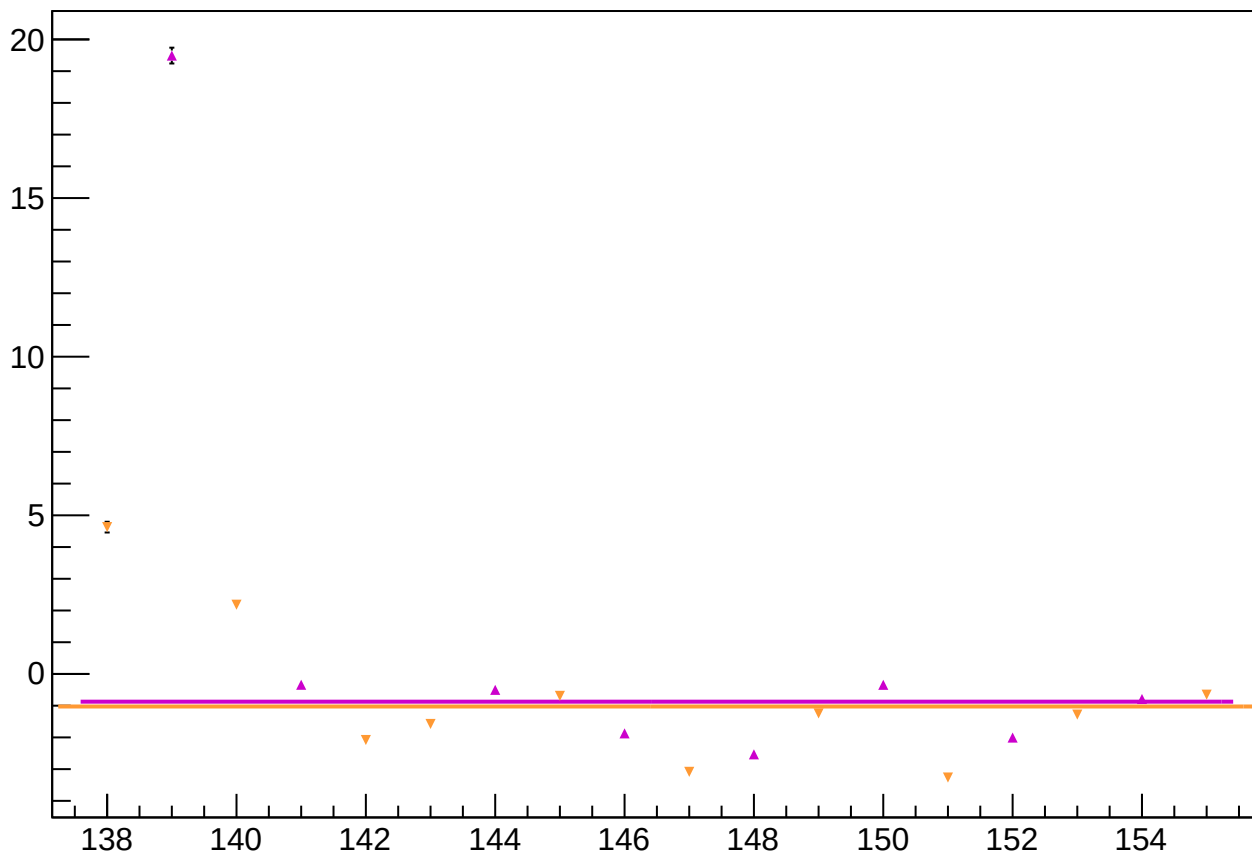
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.120+/-0.048 χ^2/NDF :3308.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.169+/-0.048 χ^2/NDF :1975.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.644+/-0.034 χ^2/NDF : 5521.2/17
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

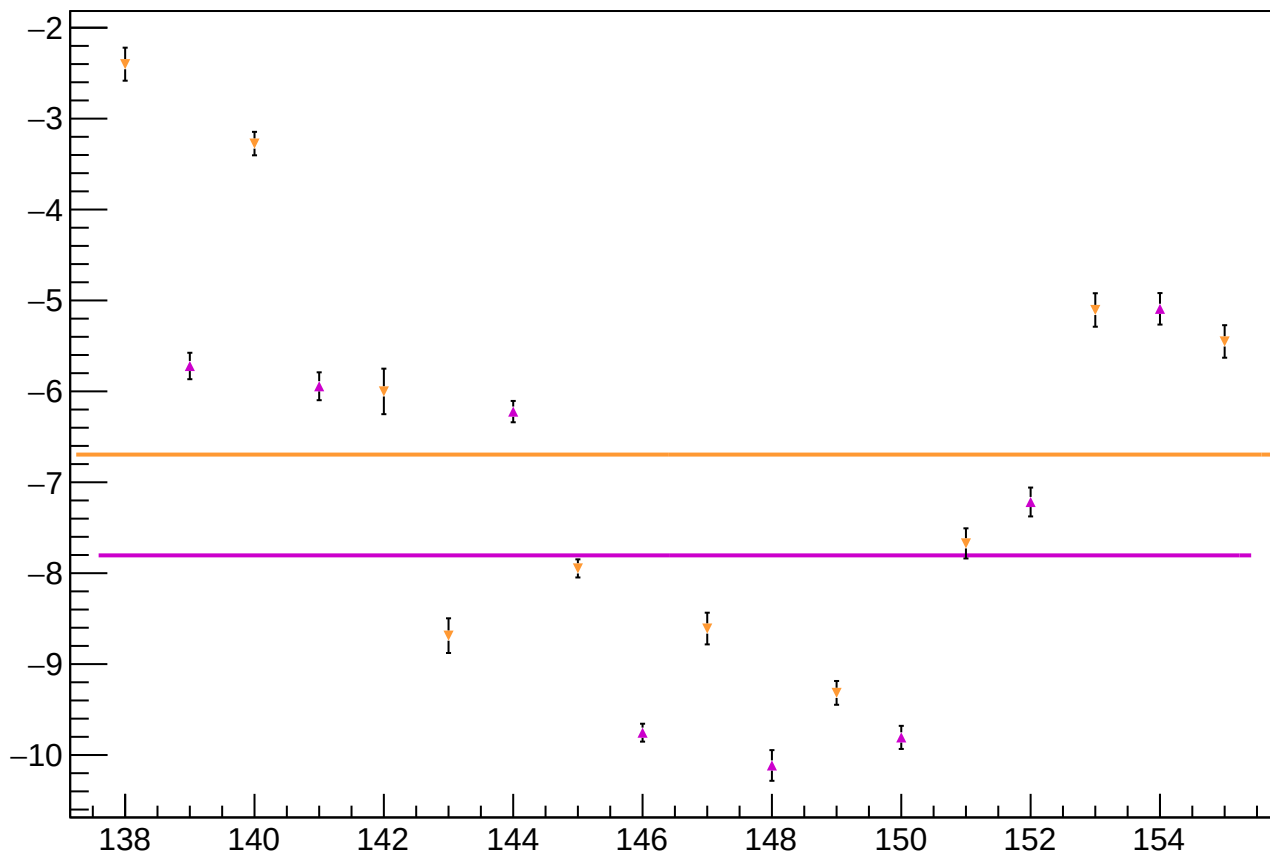
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -1.026 +/- 0.034 χ^2/NDF : 3255.1/9
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -0.874 +/- 0.034 χ^2/NDF : 7416.1/7

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 - sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 All: -0.950 +/- 0.024 χ^2/NDF : 10681.2/17

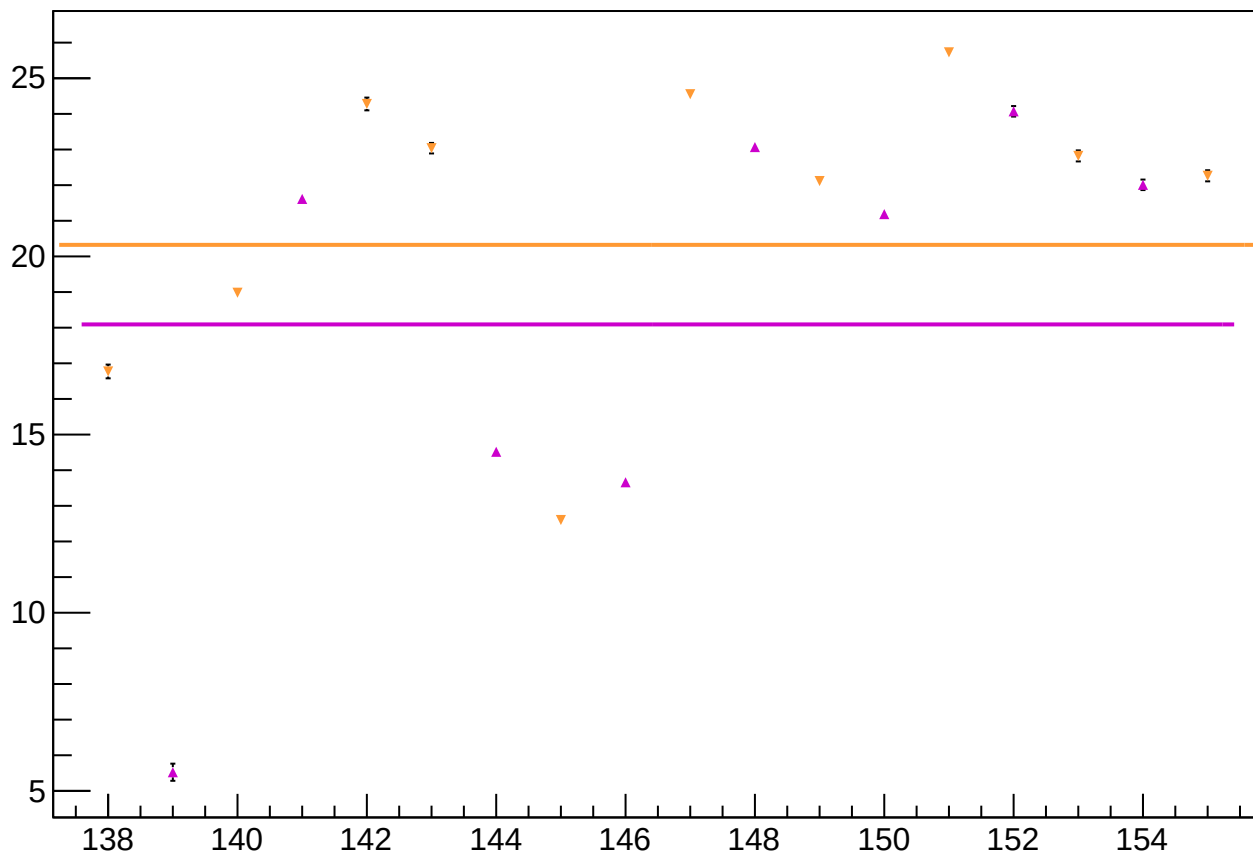
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.695 $\pm$ 0.049 χ^2 /NDF:2215.7/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.804 $\pm$ 0.048 χ^2 /NDF:1620.6/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -7.258 $\pm$ 0.034 χ^2 /NDF: 4100.0/17
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

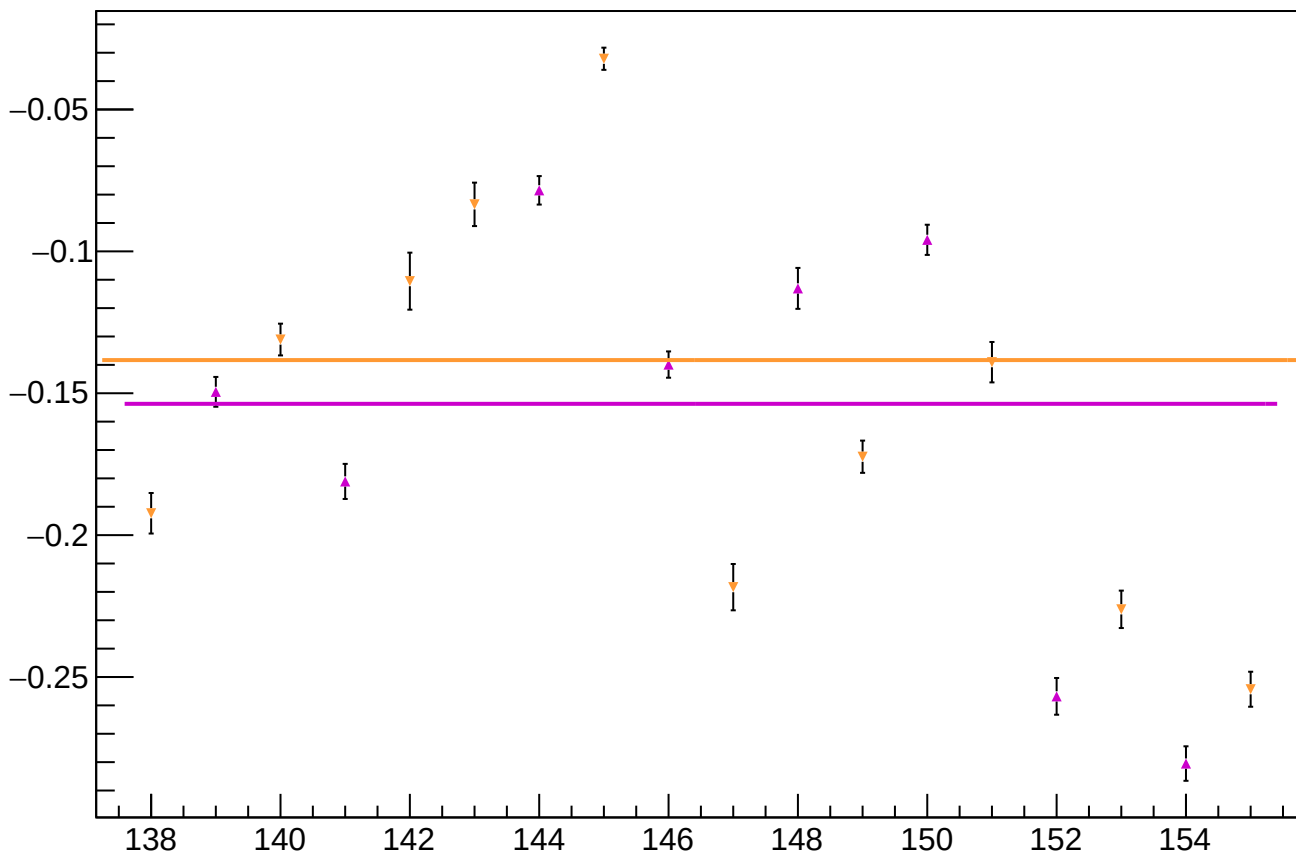
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.324+/-0.041 χ^2/NDF :12508.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.092+/-0.041 χ^2/NDF :12744.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 19.208+/-0.029 χ^2/NDF : 26729.0/17
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

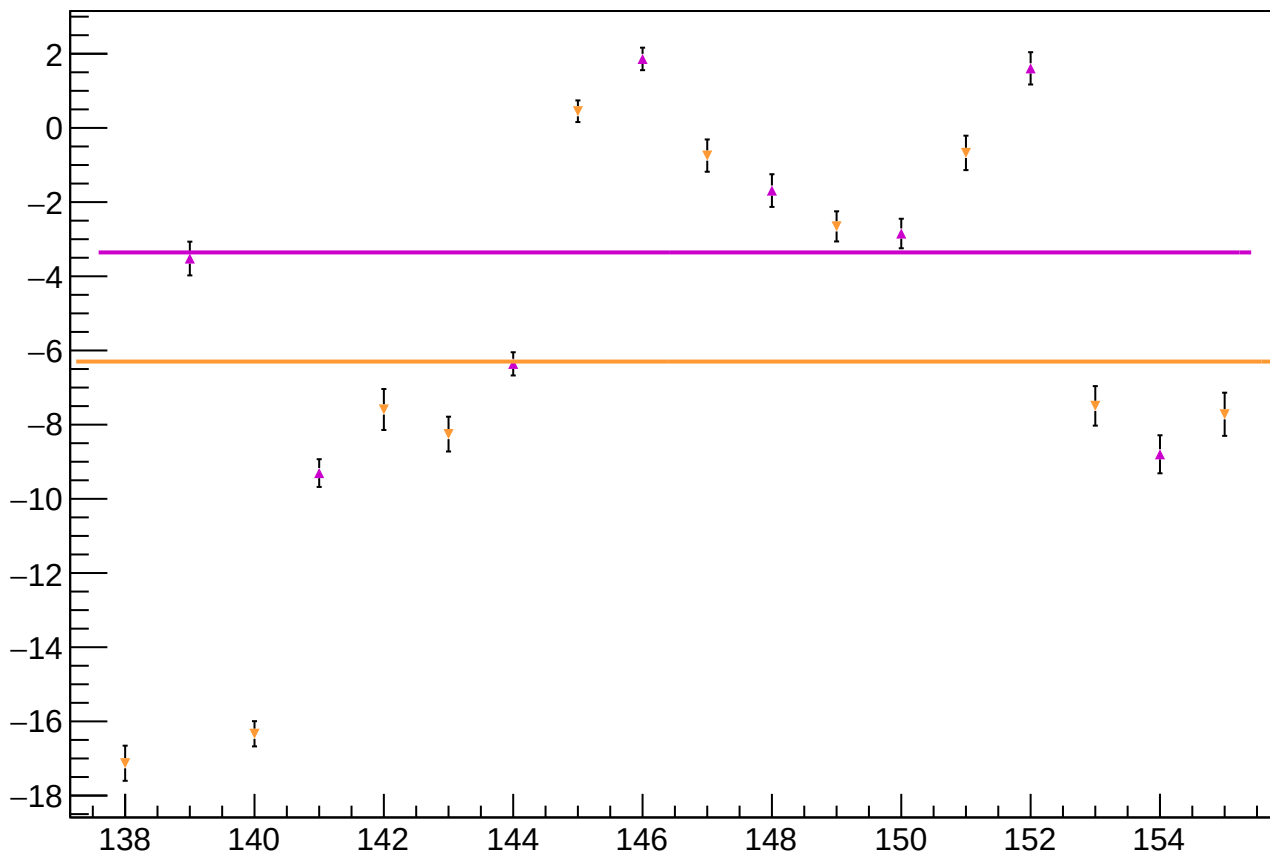
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.138+/-0.002 χ^2/NDF :1519.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.154+/-0.002 χ^2/NDF :1092.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.146+/-0.001 χ^2/NDF : 2642.1/17
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

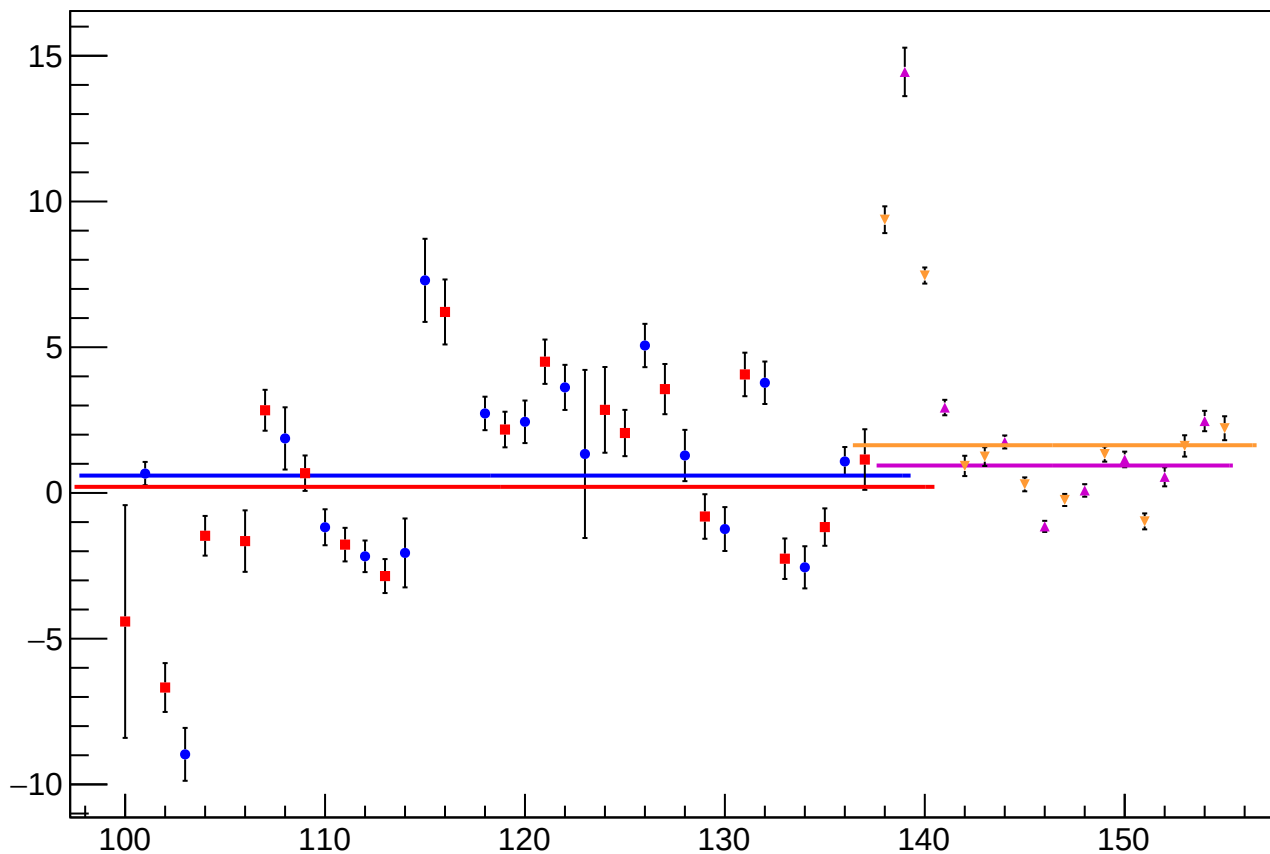
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.299 $\pm$ 0.135 χ^2 /NDF:2352.1/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.357 $\pm$ 0.137 χ^2 /NDF:899.8/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -4.848 $\pm$ 0.096 χ^2 /NDF: 3487.1/17
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.596 ± 0.169 χ^2/NDF : 291.2/16

Left Out: 1.637 ± 0.092 χ^2/NDF : 941.7/9

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

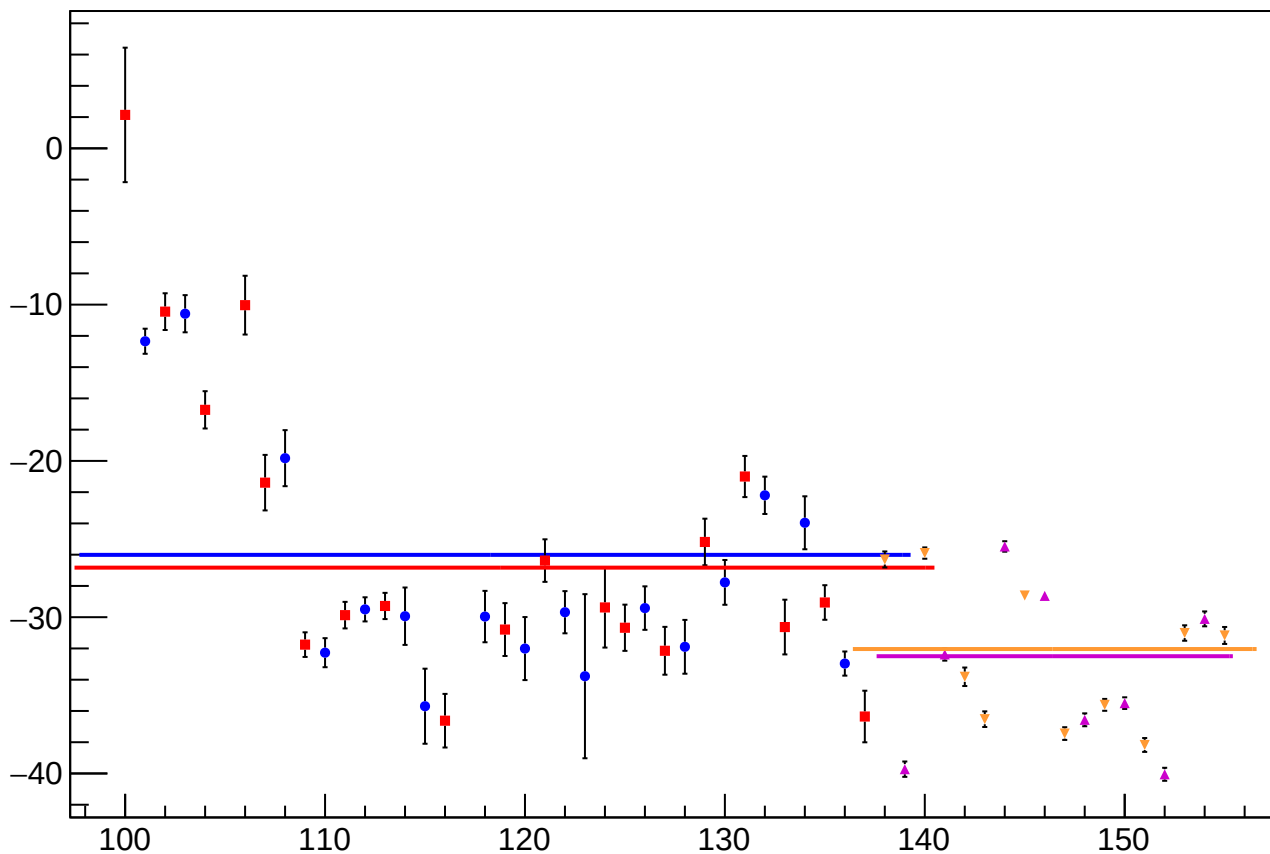
Left In: 0.941 ± 0.093 χ^2/NDF : 489.6/7

+ sign 1.399 ± 0.081 χ^2/NDF : 1262.2/26

All: 1.094 ± 0.058 χ^2/NDF : 2067.9/53

- sign 0.780 ± 0.082 χ^2/NDF : 776.9/26

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -32.037 ± 0.136 χ^2/NDF : 1087.7/9

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

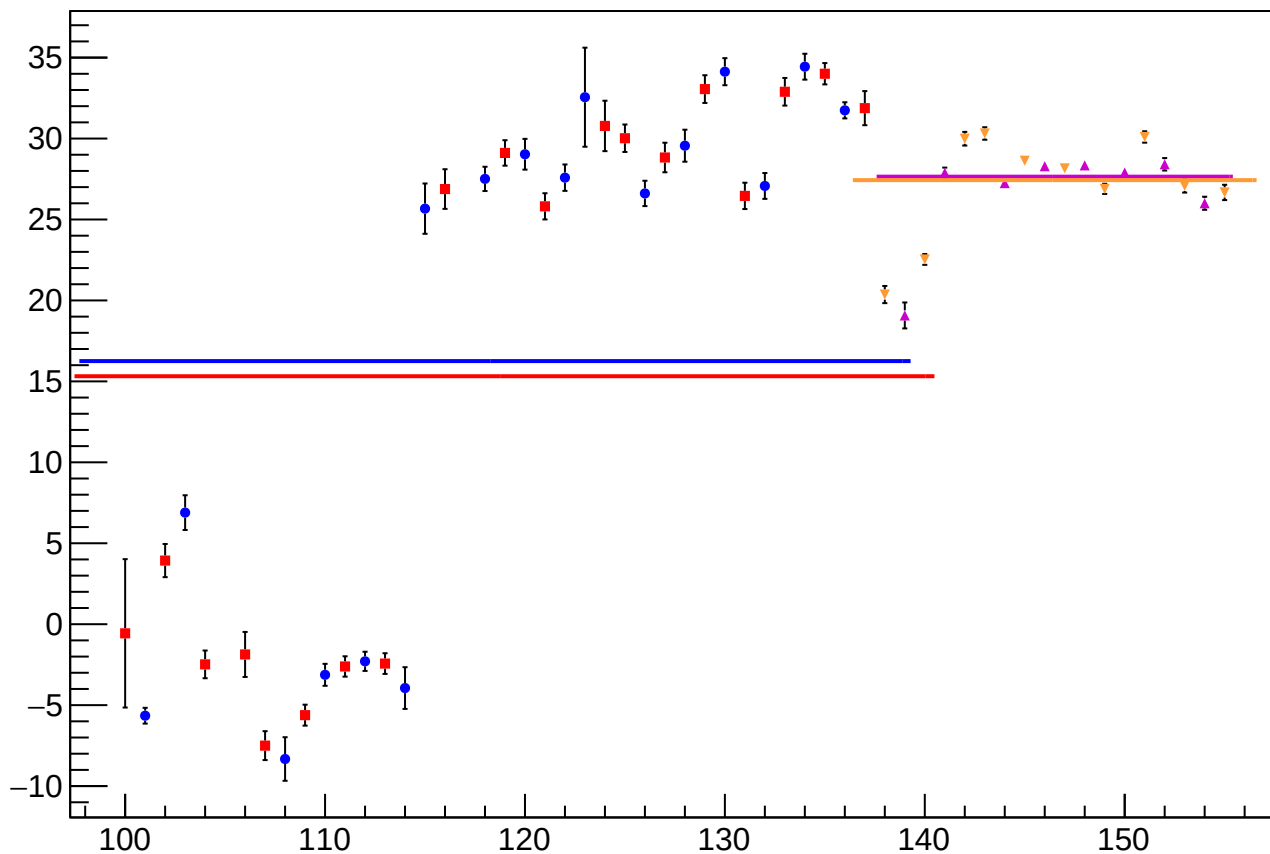
Left In: -32.497 ± 0.136 χ^2/NDF : 1347.2/7

+ sign -31.010 ± 0.124 χ^2/NDF : 2116.3/26

All: -31.267 ± 0.087 χ^2/NDF : 4354.1/53

- sign -31.522 ± 0.123 χ^2/NDF : 2229.3/26

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.253 $\pm$ 0.191 χ^2 /NDF: 7611.3/16

Left Out: 27.431 $\pm$ 0.113 χ^2 /NDF: 574.0/9

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

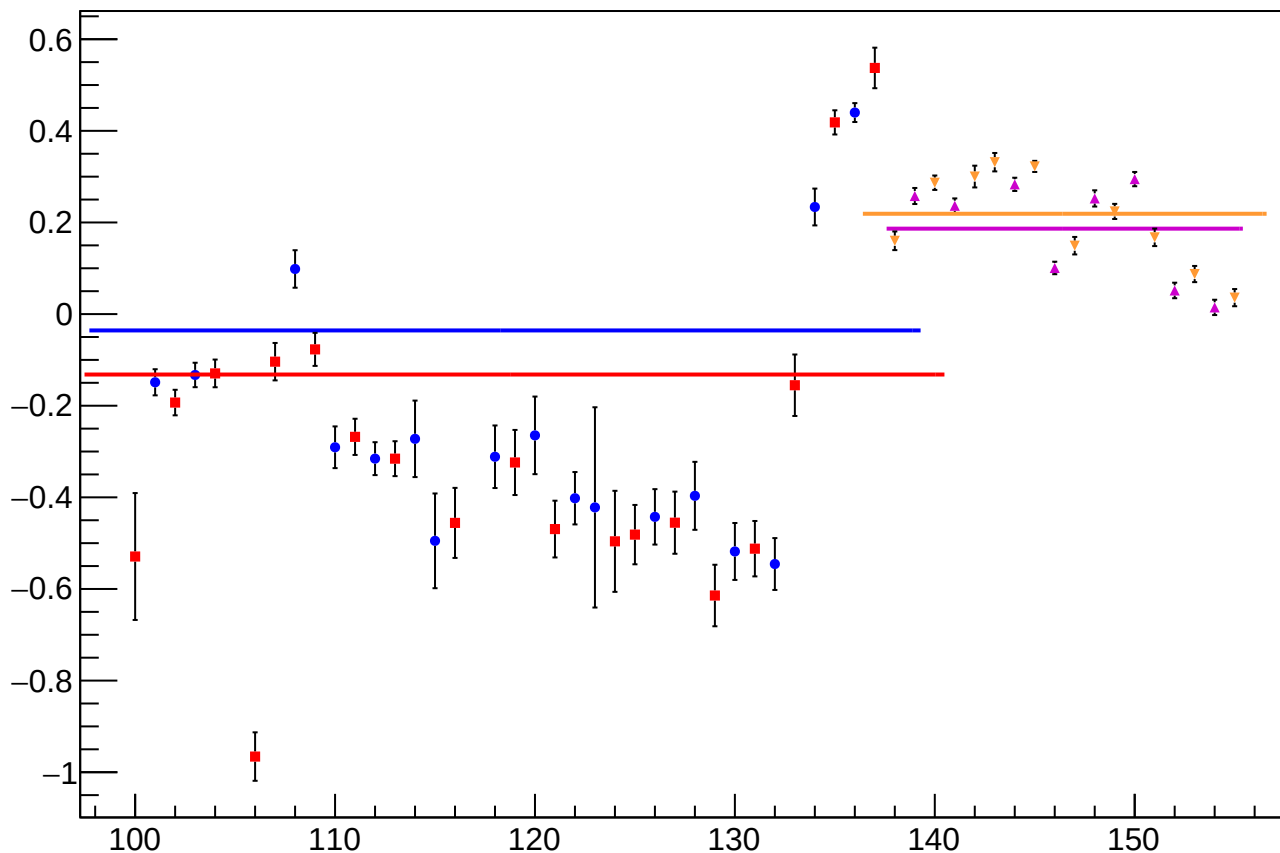
Left In: 27.646 $\pm$ 0.114 χ^2 /NDF: 151.0/7

+ sign 24.546 $\pm$ 0.097 χ^2 /NDF: 10725.4/26

All: 24.556 $\pm$ 0.069 χ^2 /NDF: 21094.9/53

- sign 24.567 $\pm$ 0.098 χ^2 /NDF: 10369.4/26

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 ± 0.010 $\chi^2/\text{NDF}: 1014.5/16$

Left Out: 0.219 ± 0.006 $\chi^2/\text{NDF}: 313.8/9$

Right Out: -0.132 ± 0.010 $\chi^2/\text{NDF}: 1171.3/18$

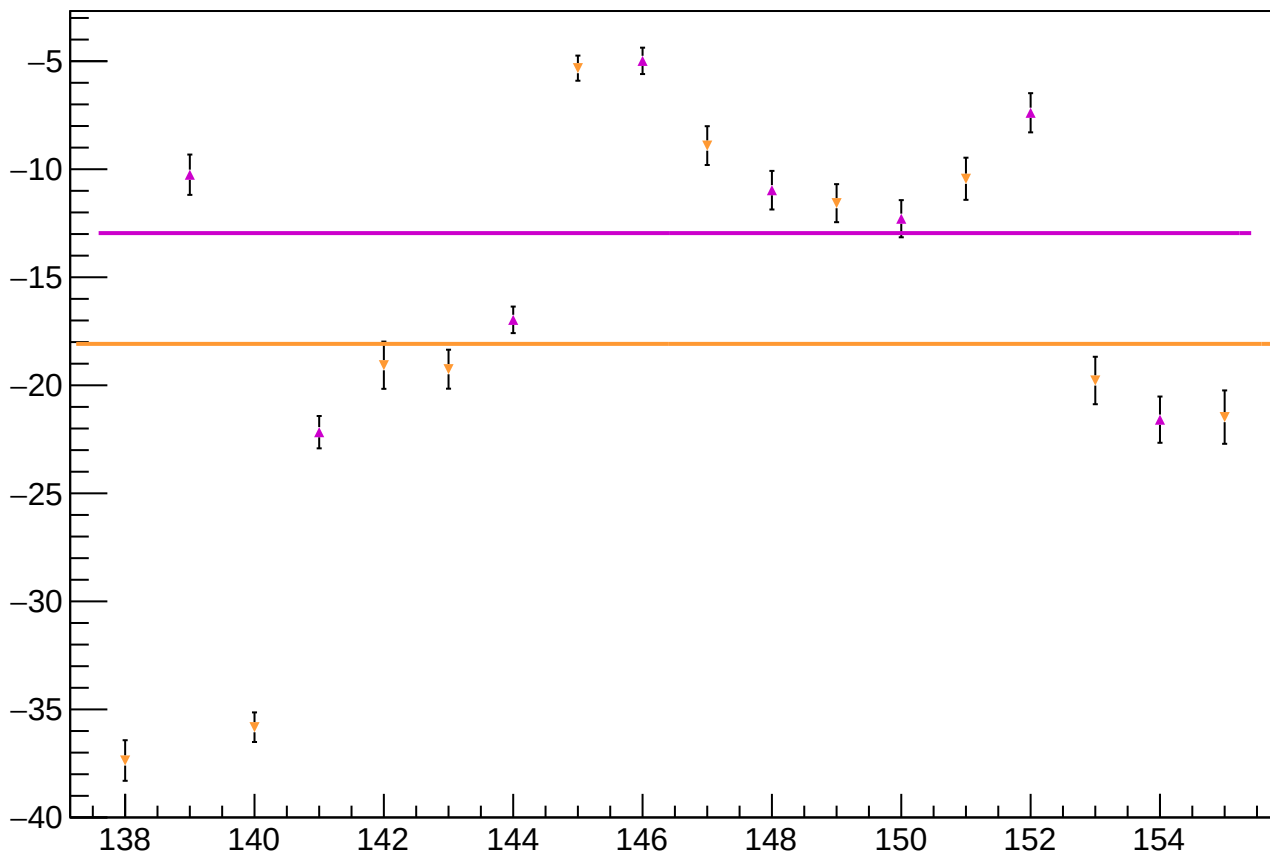
Left In: 0.187 ± 0.006 $\chi^2/\text{NDF}: 341.2/7$

+ sign 0.162 ± 0.005 $\chi^2/\text{NDF}: 1801.9/26$

All: 0.138 ± 0.003 $\chi^2/\text{NDF}: 4092.1/53$

- sign 0.114 ± 0.005 $\chi^2/\text{NDF}: 2242.3/26$

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -18.083+/-0.274 χ^2/NDF :1807.0/9

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

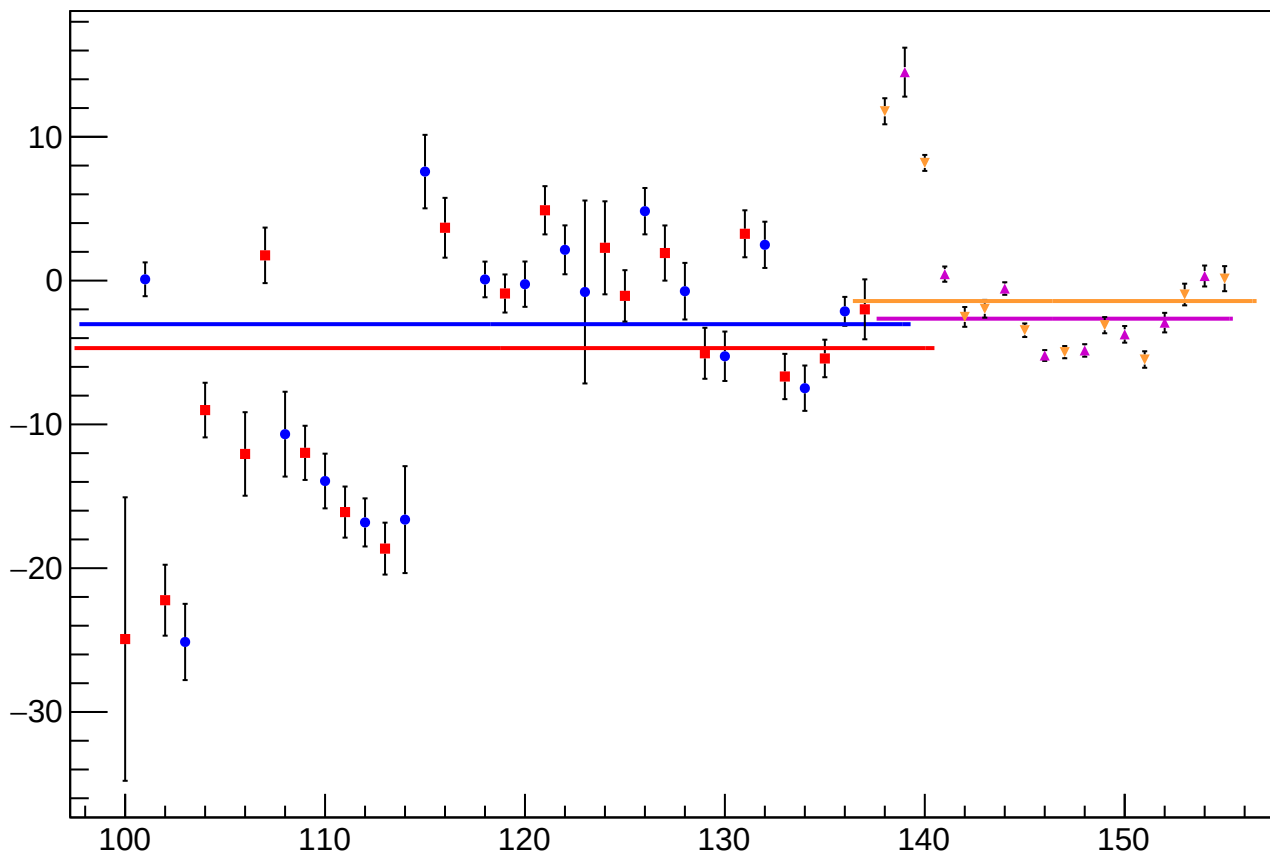
Left In: -12.956+/-0.278 χ^2/NDF :481.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.558+/-0.195 χ^2/NDF : 2461.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.030 ± 0.408 χ^2/NDF : 280.8/16

Left Out: -1.422 ± 0.187 χ^2/NDF : 665.3/9

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

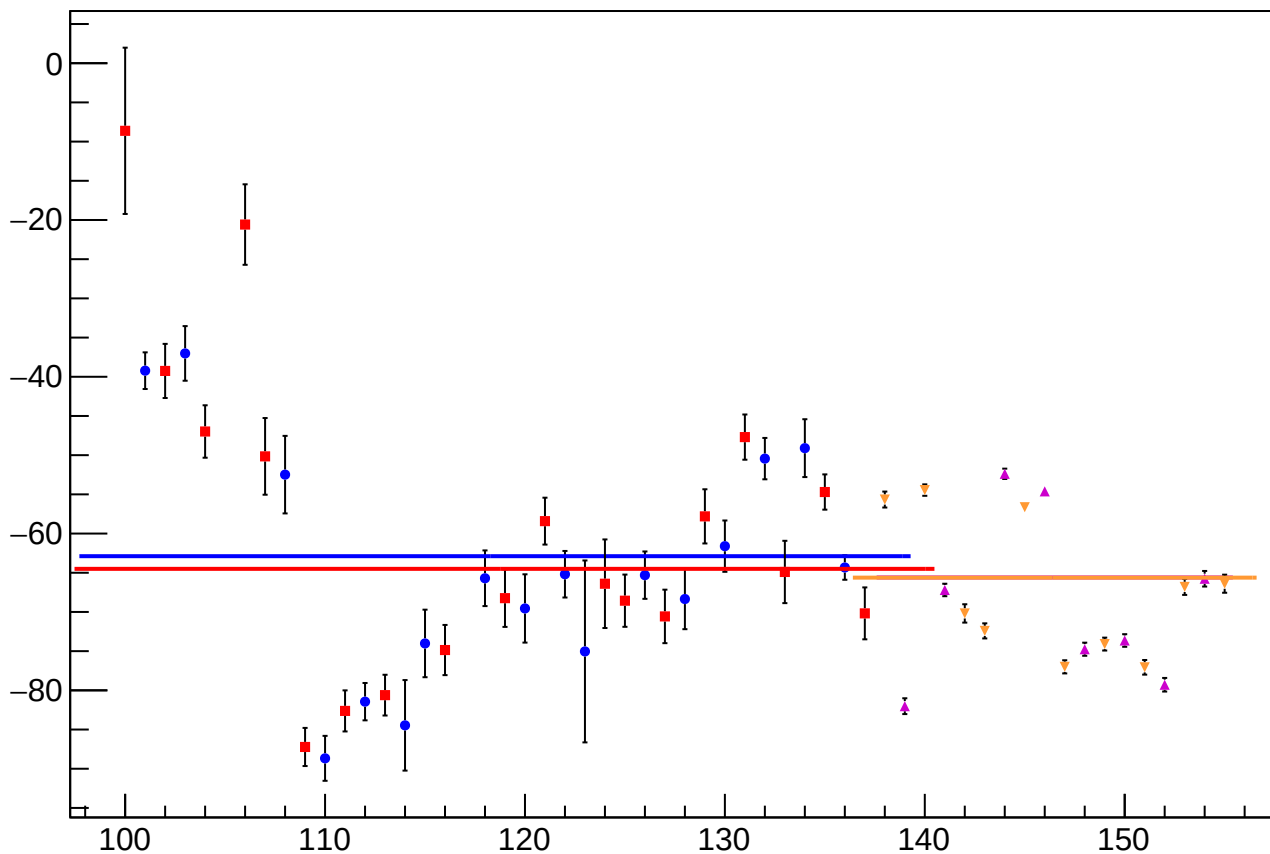
Left In: -2.648 ± 0.187 χ^2/NDF : 250.6/7

+ sign -1.703 ± 0.170 χ^2/NDF : 958.9/26

All: -2.336 ± 0.121 χ^2/NDF : 1555.0/53

- sign -2.979 ± 0.172 χ^2/NDF : 568.2/26

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 $\chi^2/\text{NDF}: 368.7/16$

Left Out: -65.623 ± 0.277 $\chi^2/\text{NDF}: 1049.6/9$

Right Out: -64.502 ± 0.751 $\chi^2/\text{NDF}: 444.1/18$

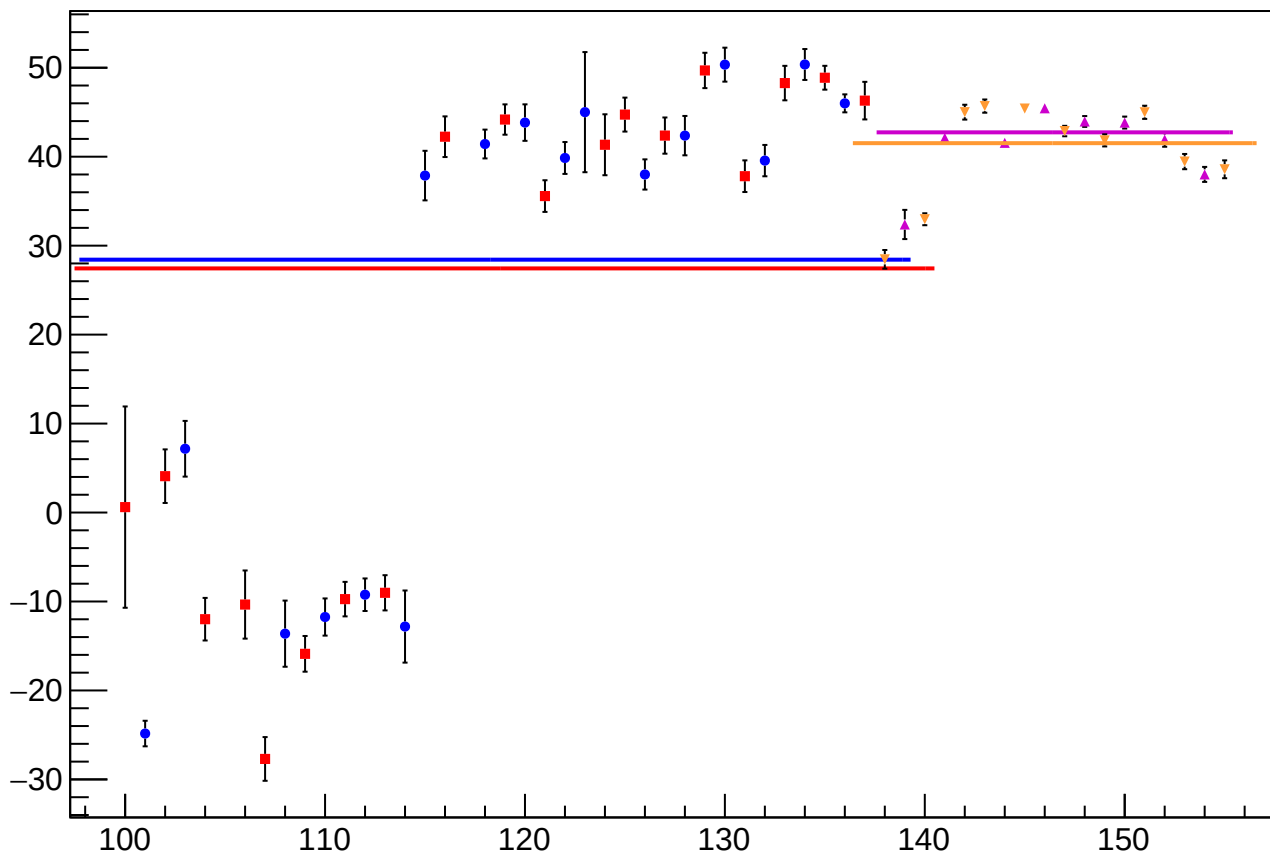
Left In: -65.602 ± 0.276 $\chi^2/\text{NDF}: 1491.9/7$

+ sign -65.285 ± 0.259 $\chi^2/\text{NDF}: 1430.3/26$

All: -65.378 ± 0.183 $\chi^2/\text{NDF}: 3368.4/53$

- sign -65.471 ± 0.259 $\chi^2/\text{NDF}: 1937.8/26$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 $\pm$ 0.457 χ^2 /NDF: 3330.3/16

Left Out: 41.521 $\pm$ 0.230 χ^2 /NDF: 459.1/9

Right Out: 27.441 $\pm$ 0.479 χ^2 /NDF: 3033.0/18

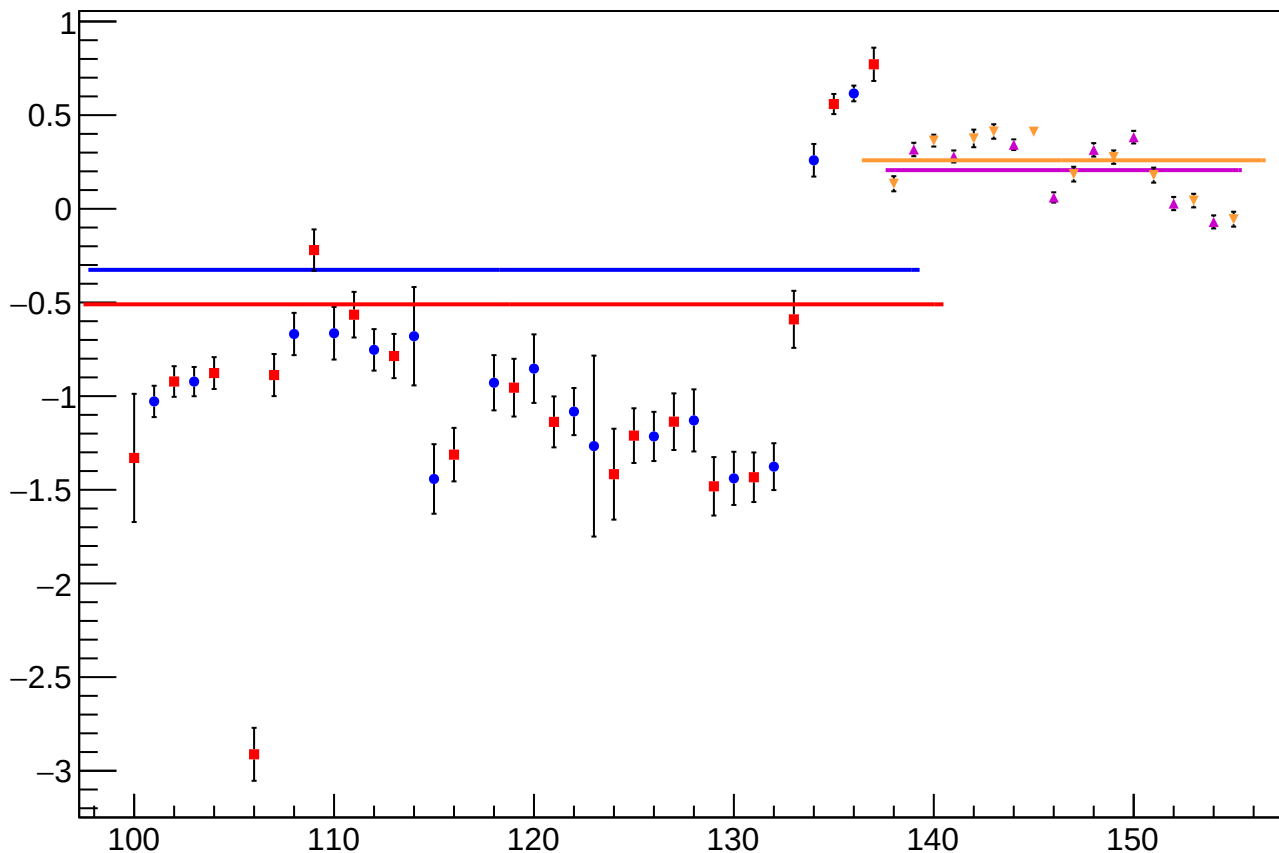
Left In: 42.736 $\pm$ 0.230 χ^2 /NDF: 117.5/7

+ sign 38.883 $\pm$ 0.205 χ^2 /NDF: 4445.0/26

All: 39.364 $\pm$ 0.146 χ^2 /NDF: 8435.5/53

- sign 39.857 $\pm$ 0.208 χ^2 /NDF: 3979.4/26

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 χ^2/NDF : 1013.0/16

Left Out: 0.259 ± 0.011 χ^2/NDF : 187.0/9

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.4/18

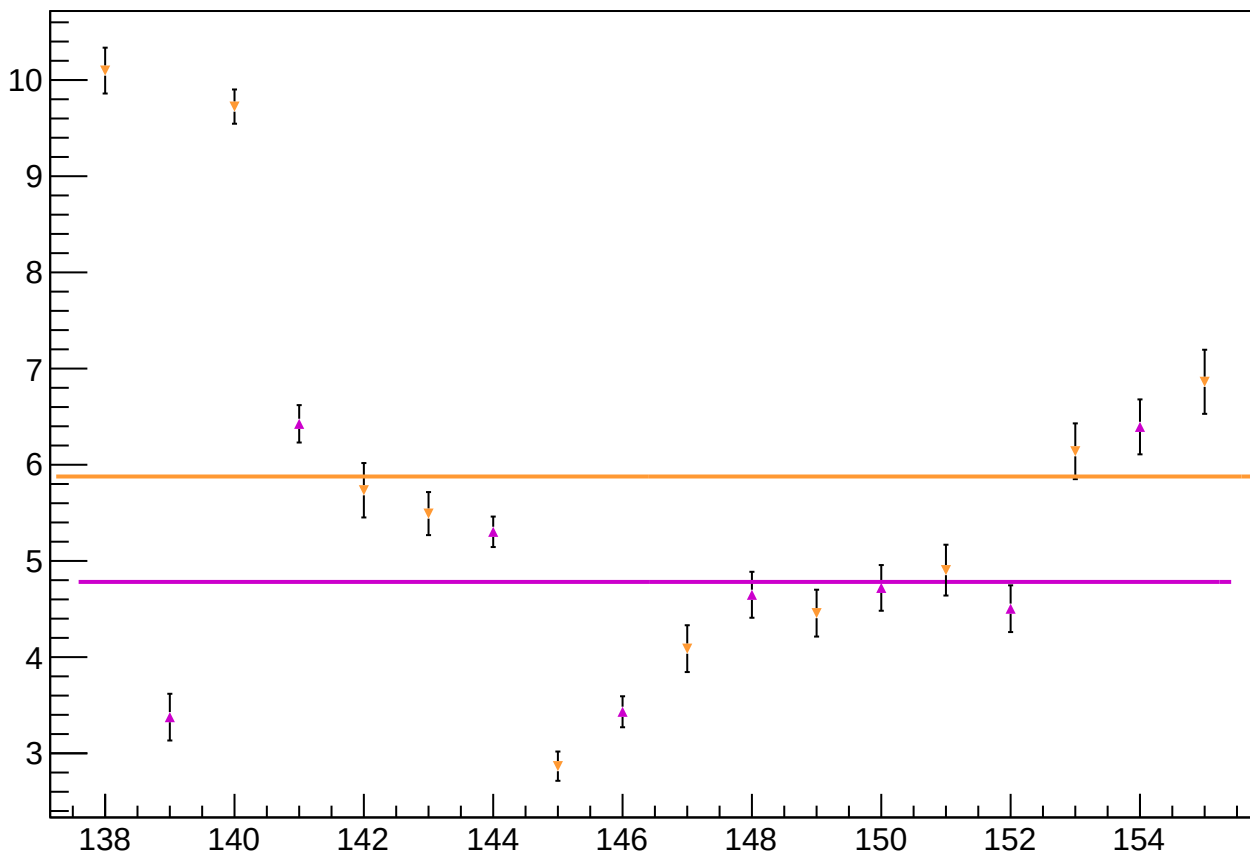
Left In: 0.206 ± 0.011 χ^2/NDF : 190.1/7

+ sign 0.159 ± 0.010 χ^2/NDF : 1657.8/26

All: 0.124 ± 0.007 χ^2/NDF : 3689.1/53

- sign 0.087 ± 0.010 χ^2/NDF : 2007.1/26

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: 5.878 $\pm$ 0.072 χ^2 /NDF:1286.5/9

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

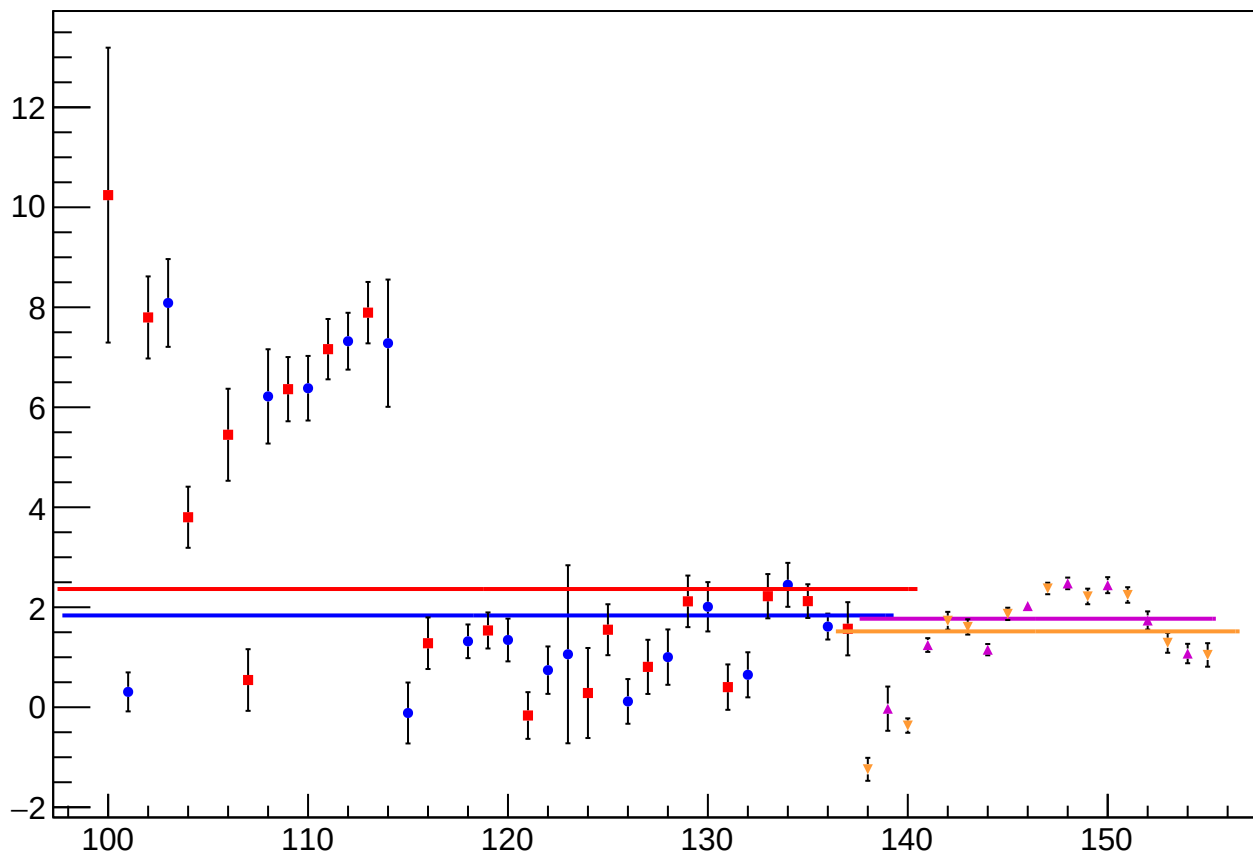
Left In: 4.782 $\pm$ 0.073 χ^2 /NDF:219.6/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.341 $\pm$ 0.051 χ^2 /NDF: 1620.1/17

- 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: 1.836 $\pm$ 0.116 χ^2 /NDF: 294.9/16

Left Out: 1.518 $\pm$ 0.049 χ^2 /NDF: 427.7/9

Right Out: 2.365 $\pm$ 0.123 χ^2 /NDF: 336.4/18

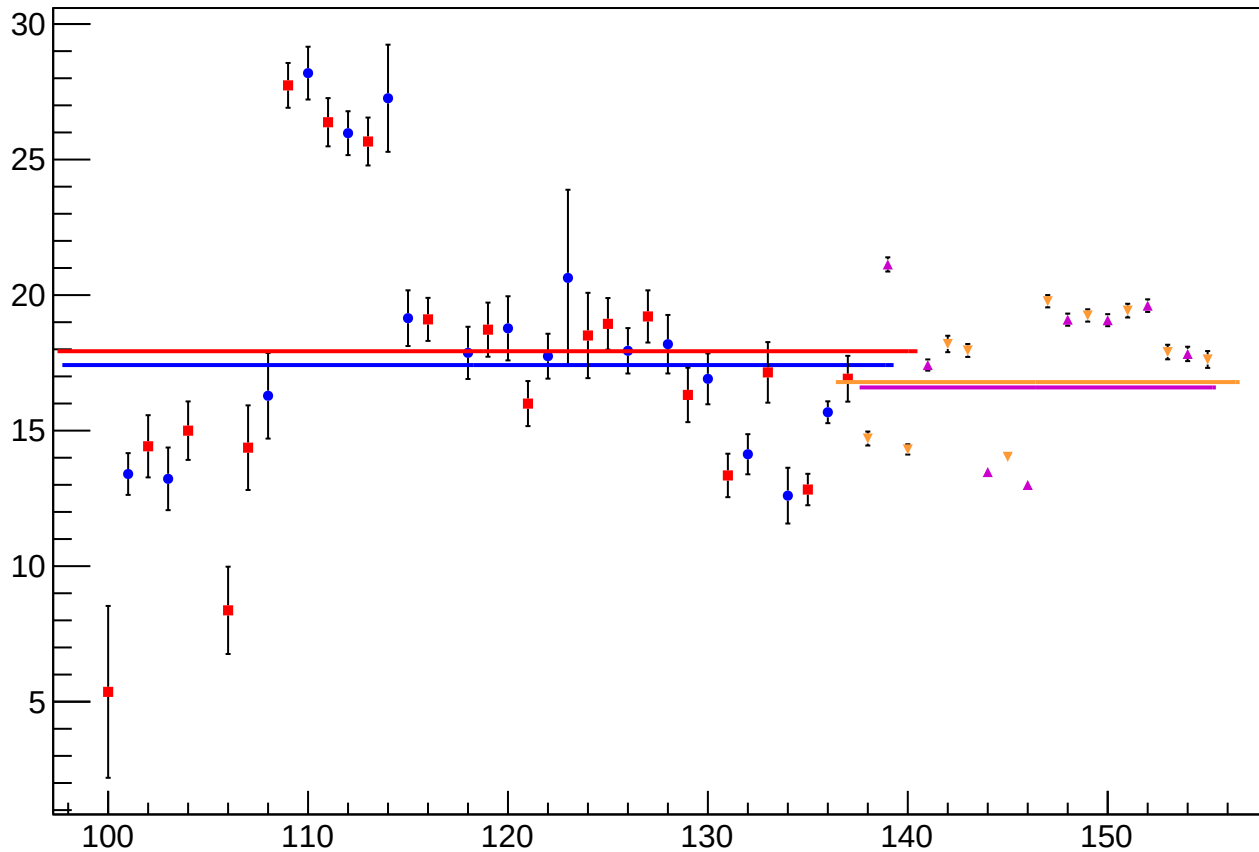
Left In: 1.771 $\pm$ 0.049 χ^2 /NDF: 135.5/7

+ sign 1.567 $\pm$ 0.046 χ^2 /NDF: 728.9/26

All: 1.709 $\pm$ 0.032 χ^2 /NDF: 1240.8/53

- sign 1.853 $\pm$ 0.046 χ^2 /NDF: 492.1/26

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418 ± 0.212 $\chi^2/\text{NDF}: 366.8/16$

Left Out: 16.791 ± 0.073 $\chi^2/\text{NDF}: 994.5/9$

Right Out: 17.929 ± 0.219 $\chi^2/\text{NDF}: 506.3/18$

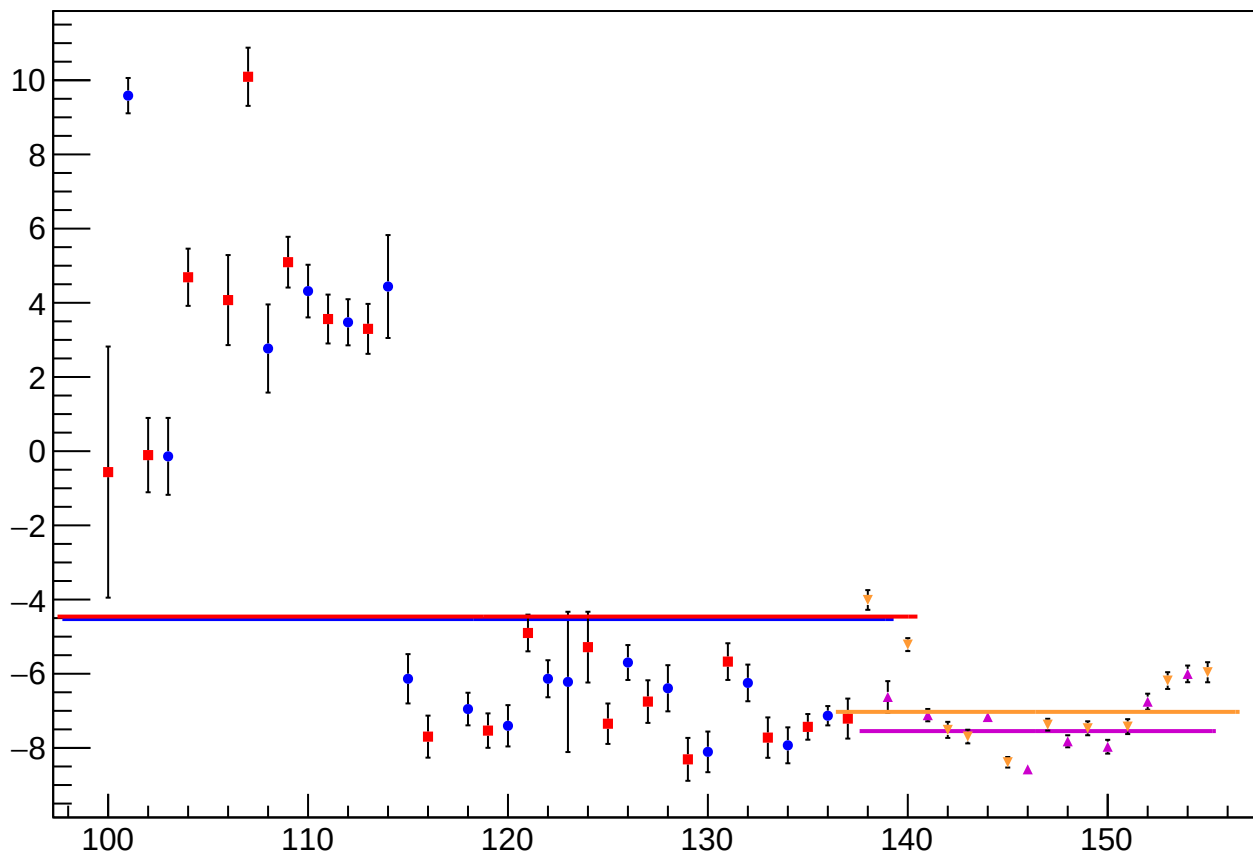
Left In: 16.593 ± 0.073 $\chi^2/\text{NDF}: 1634.2/7$

+ sign 16.858 ± 0.069 $\chi^2/\text{NDF}: 1369.2/26$

All: 16.793 ± 0.049 $\chi^2/\text{NDF}: 3545.0/53$

- sign 16.727 ± 0.069 $\chi^2/\text{NDF}: 2174.0/26$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.526 ± 0.130 χ^2/NDF : 1590.2/16

Left Out: -7.028 ± 0.061 χ^2/NDF : 390.3/9

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

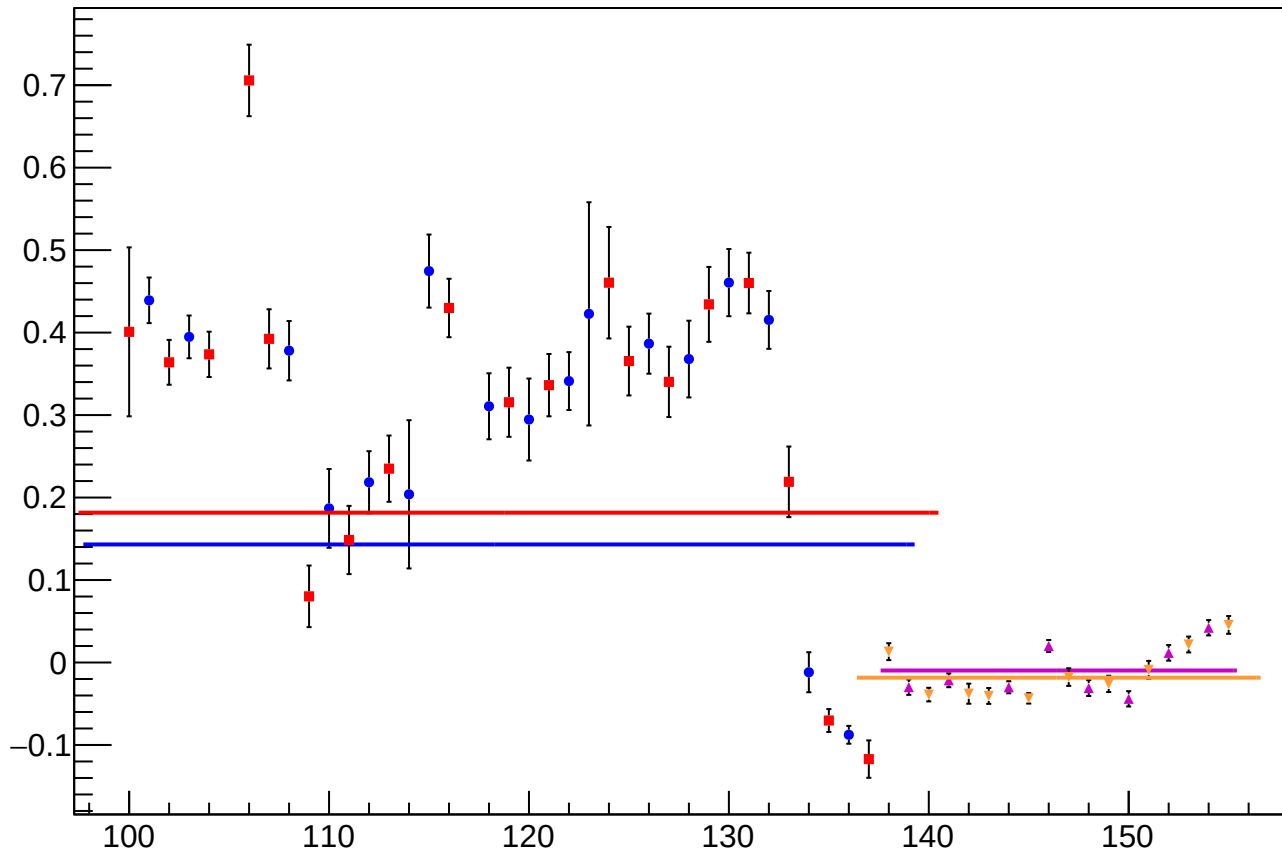
Left In: -7.546 ± 0.061 χ^2/NDF : 156.9/7

+ sign -6.579 ± 0.055 χ^2/NDF : 2286.7/26

All: -6.806 ± 0.039 χ^2/NDF : 4241.5/53

- sign -7.038 ± 0.056 χ^2/NDF : 1920.2/26

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 ± 0.007 χ^2/NDF : 1060.4/16

Left Out: -0.018 ± 0.003 χ^2/NDF : 93.2/9

Right Out: 0.182 ± 0.007 χ^2/NDF : 1007.8/18

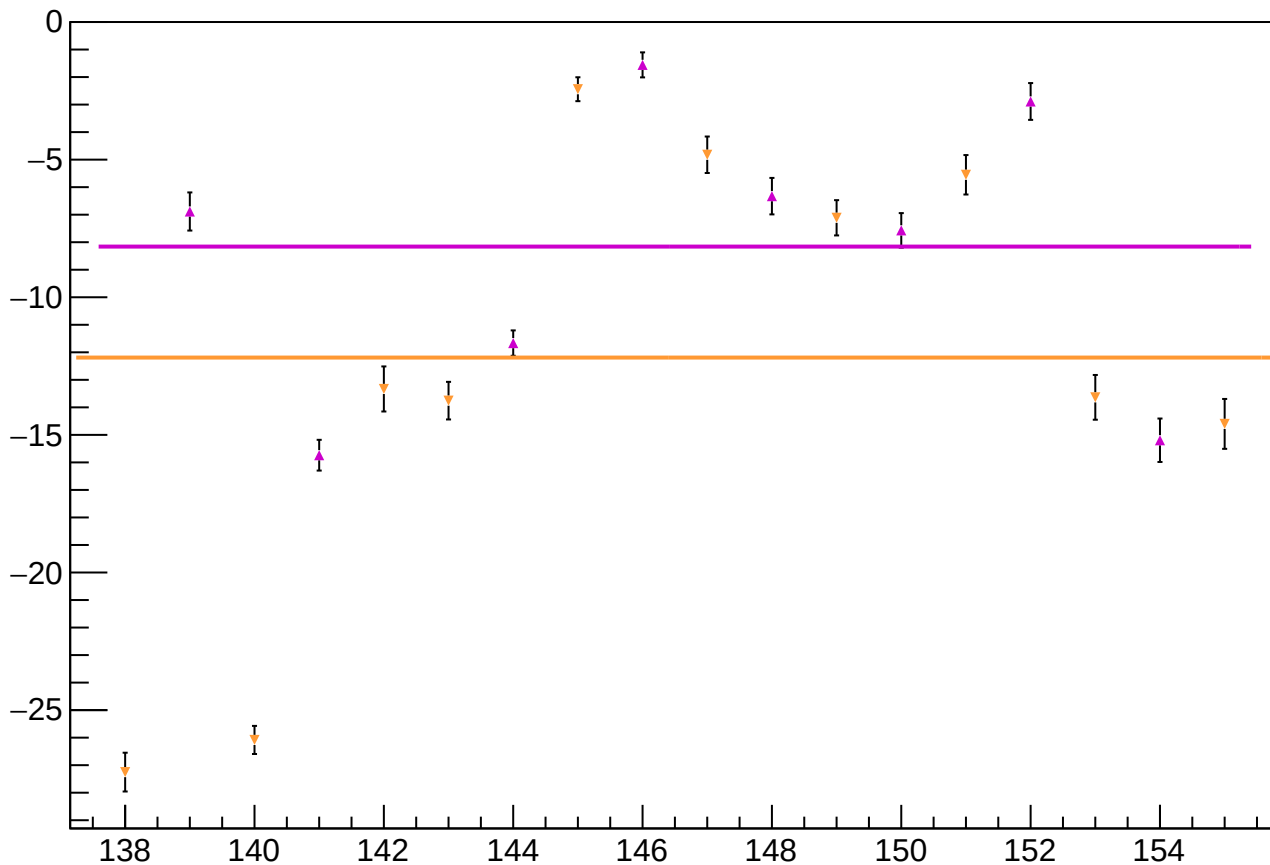
Left In: -0.010 ± 0.003 χ^2/NDF : 85.9/7

+ sign 0.006 ± 0.003 χ^2/NDF : 1599.1/26

All: 0.012 ± 0.002 χ^2/NDF : 3276.3/53

- sign 0.018 ± 0.003 χ^2/NDF : 1667.8/26

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: -12.191 $\pm$ 0.203 χ^2 /NDF:1991.3/9

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

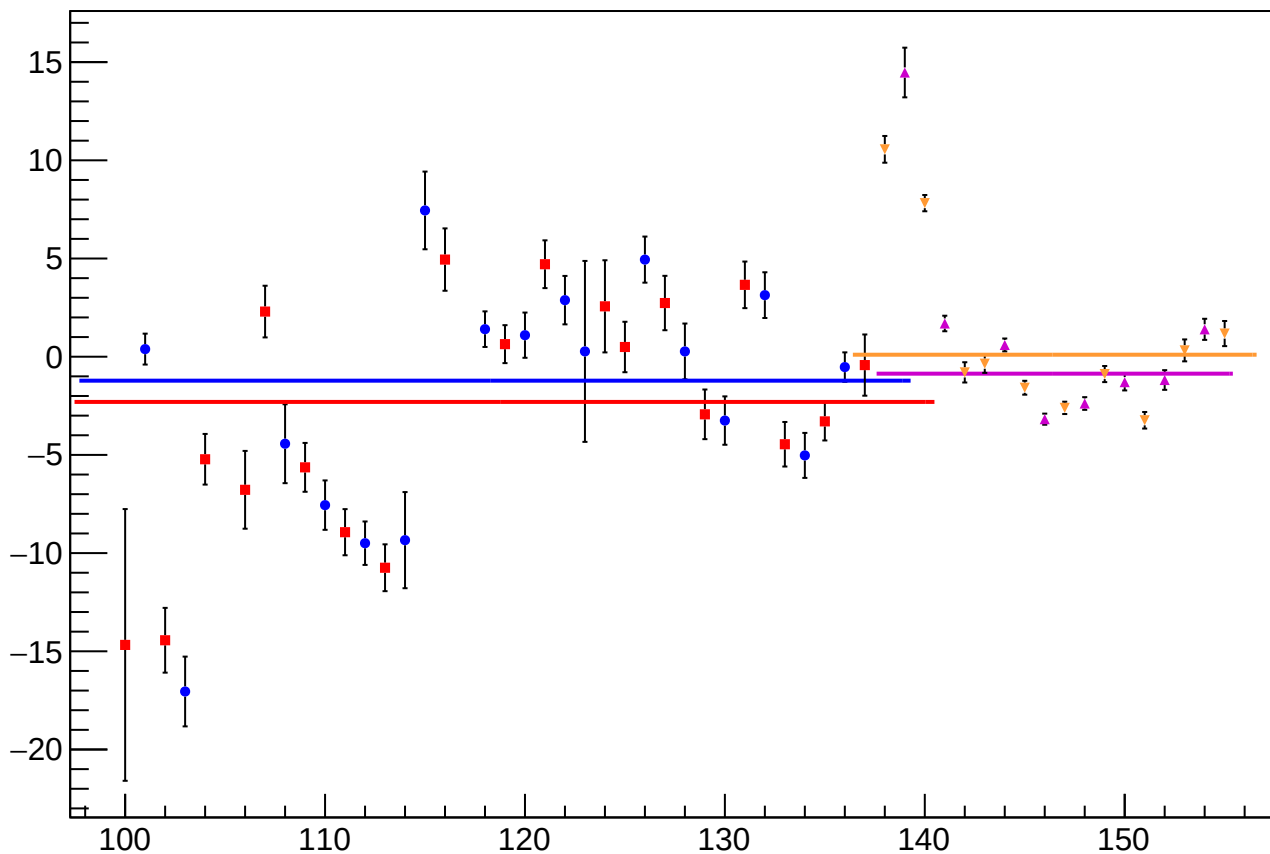
Left In: -8.159 $\pm$ 0.206 χ^2 /NDF:606.6/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.204 $\pm$ 0.145 χ^2 /NDF: 2791.7/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.220 ± 0.290 χ^2/NDF : 278.6/16

Left Out: 0.102 ± 0.139 χ^2/NDF : 755.1/9

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

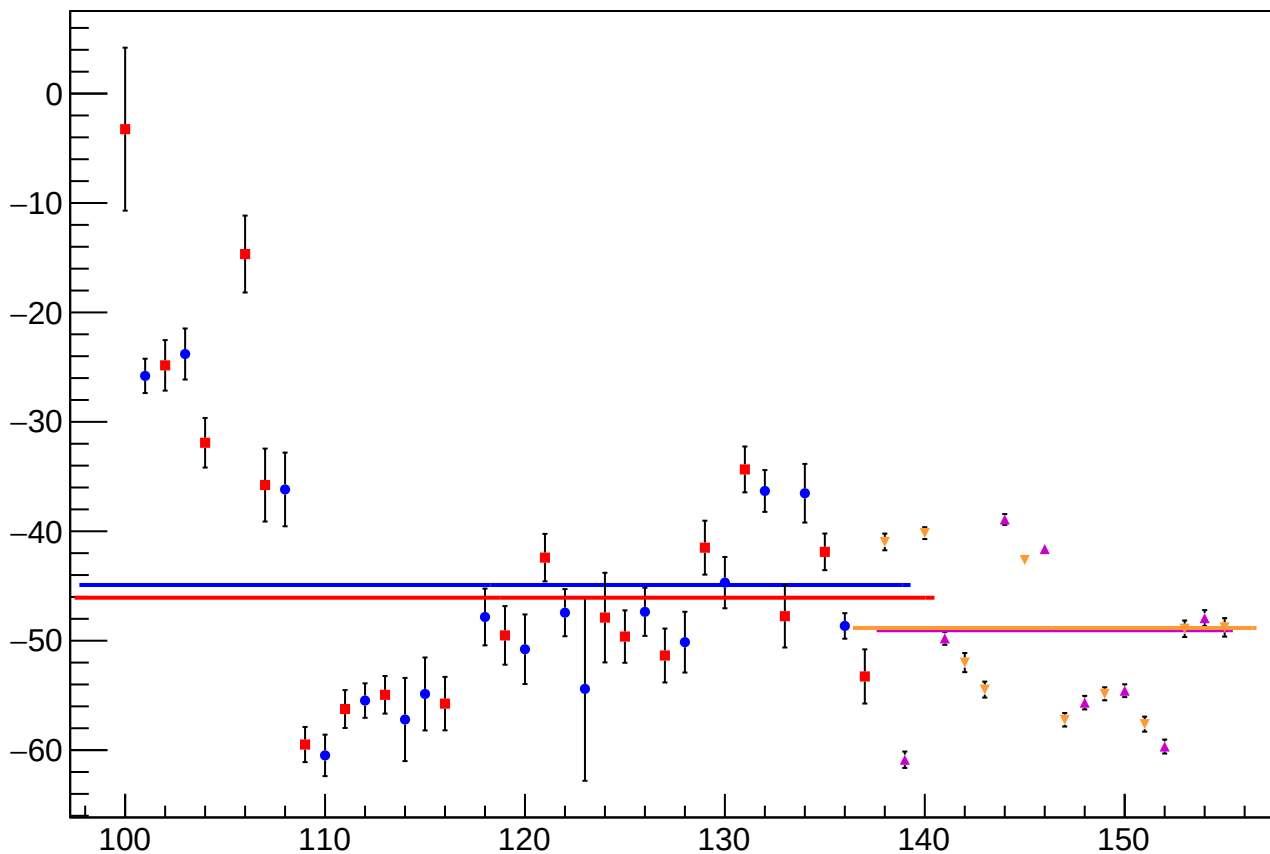
Left In: -0.863 ± 0.139 χ^2/NDF : 316.9/7

+ sign -0.146 ± 0.125 χ^2/NDF : 1050.6/26

All: -0.626 ± 0.089 χ^2/NDF : 1702.0/53

- sign -1.116 ± 0.127 χ^2/NDF : 621.7/26

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 $\pm$ 0.523 χ^2/NDF : 421.2/16

Left Out: -48.836 $\pm$ 0.205 χ^2/NDF : 1064.1/9

Right Out: -46.071 $\pm$ 0.528 χ^2/NDF : 454.0/18

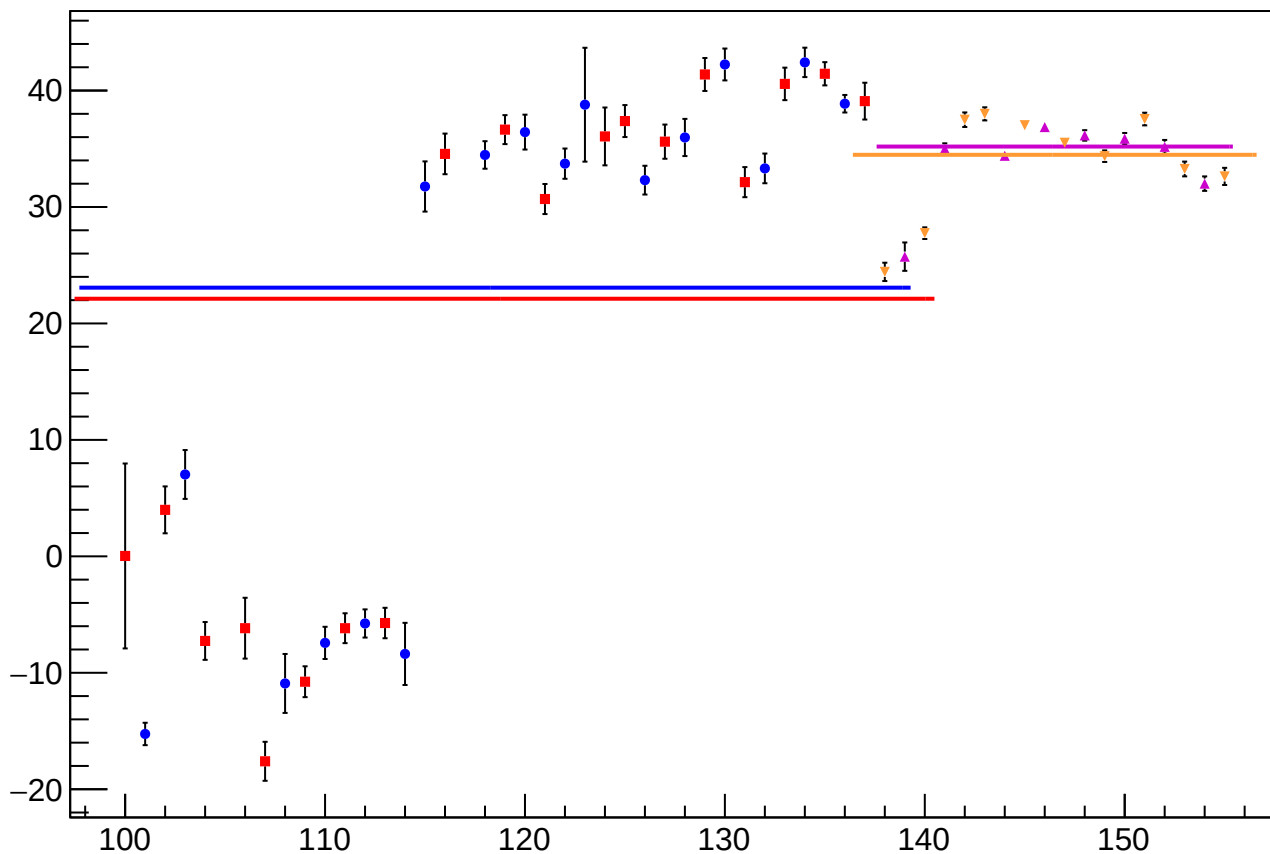
Left In: -49.043 $\pm$ 0.205 χ^2/NDF : 1441.0/7

+ sign -48.310 $\pm$ 0.191 χ^2/NDF : 1534.2/26

All: -48.482 $\pm$ 0.135 χ^2/NDF : 3458.3/53

- sign -48.653 $\pm$ 0.191 χ^2/NDF : 1922.4/26

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 23.073 $\pm$ 0.326 χ^2 /NDF: 4346.0/16

Left Out: 34.481 $\pm$ 0.170 χ^2 /NDF: 492.3/9

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

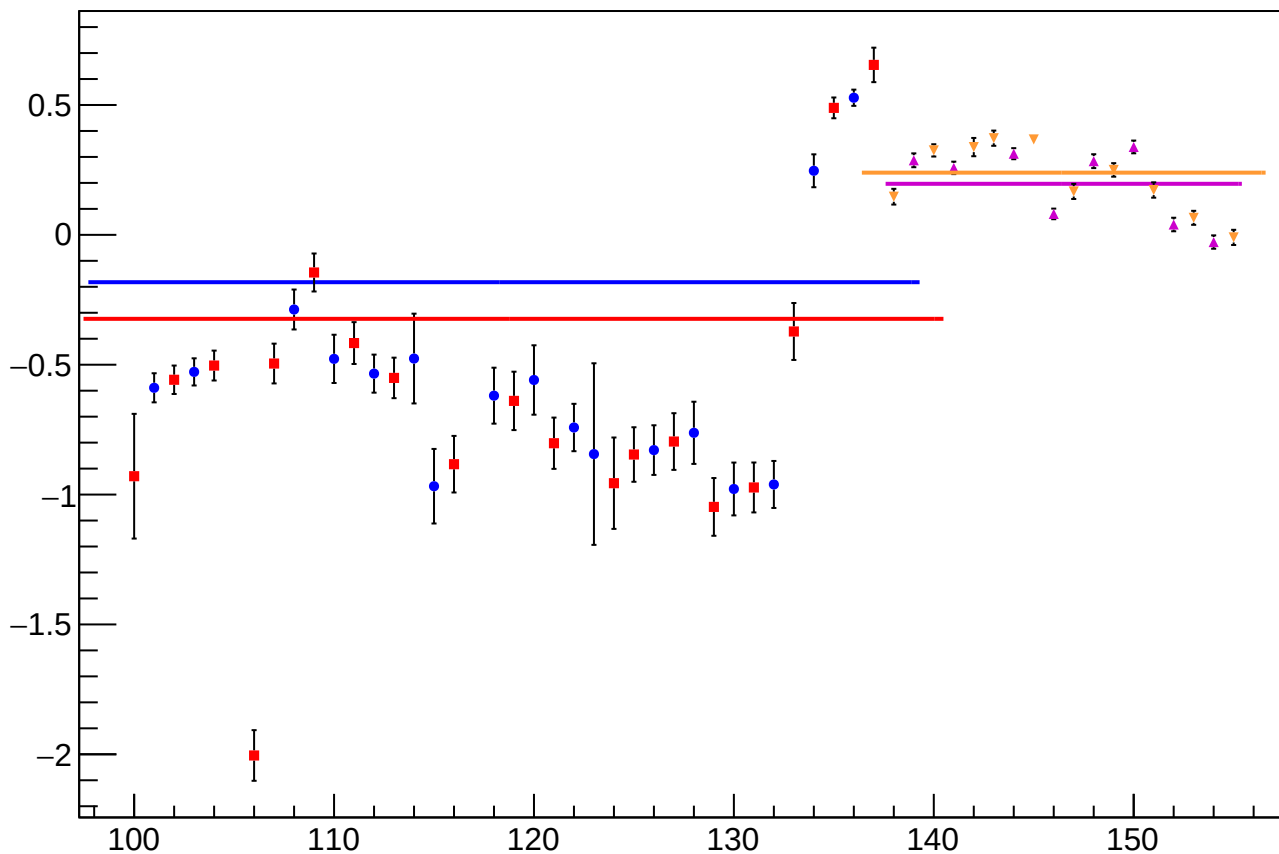
Left In: 35.190 $\pm$ 0.171 χ^2 /NDF: 119.3/7

+ sign 32.033 $\pm$ 0.151 χ^2 /NDF: 5800.1/26

All: 32.285 $\pm$ 0.107 χ^2 /NDF: 11138.3/53

- sign 32.543 $\pm$ 0.153 χ^2 /NDF: 5332.6/26

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.240 ± 0.008 χ^2/NDF : 226.6/9

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

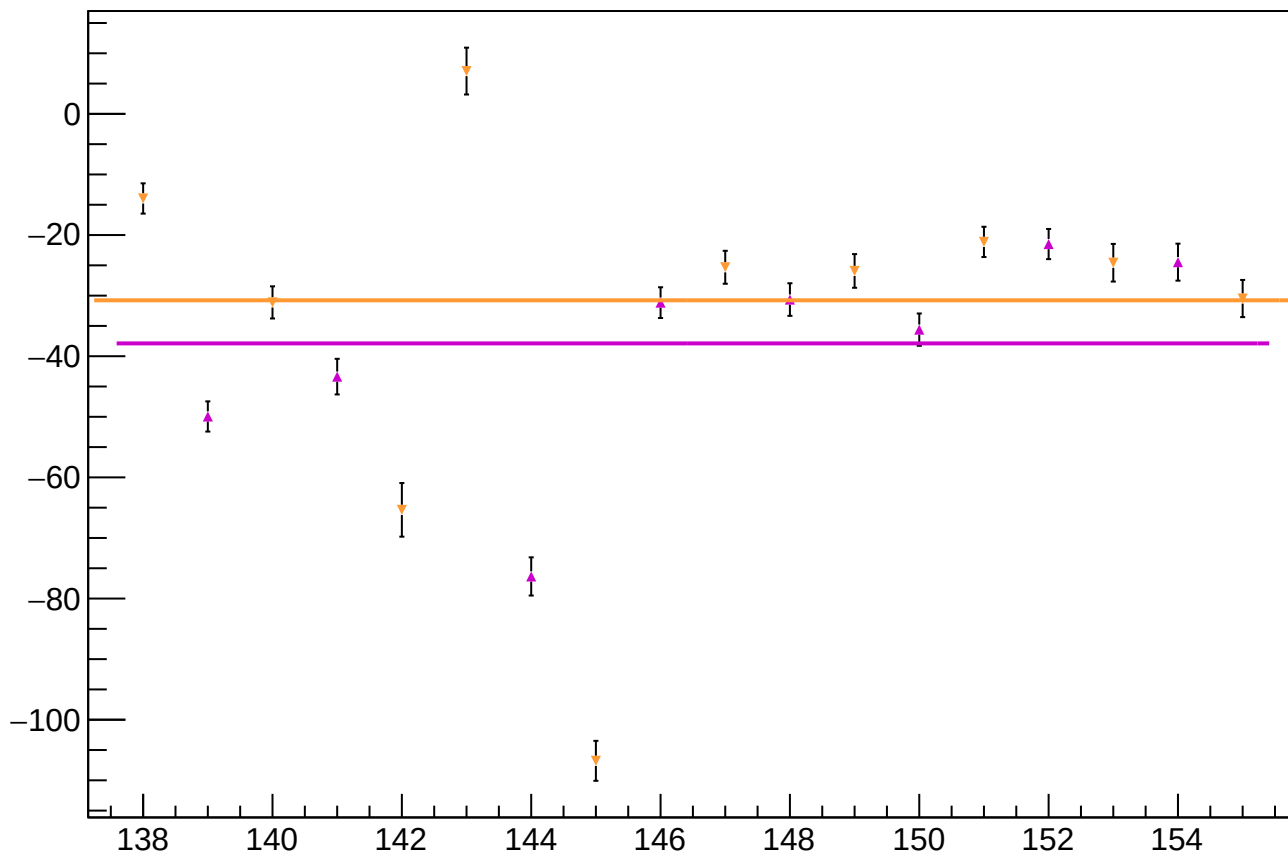
Left In: 0.197 ± 0.009 χ^2/NDF : 236.1/7

+ sign 0.163 ± 0.008 χ^2/NDF : 1687.6/26

All: 0.133 ± 0.005 χ^2/NDF : 3810.3/53

- sign 0.103 ± 0.008 χ^2/NDF : 2092.2/26

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -30.772+/-0.934 χ^2/NDF : 759.9/9

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

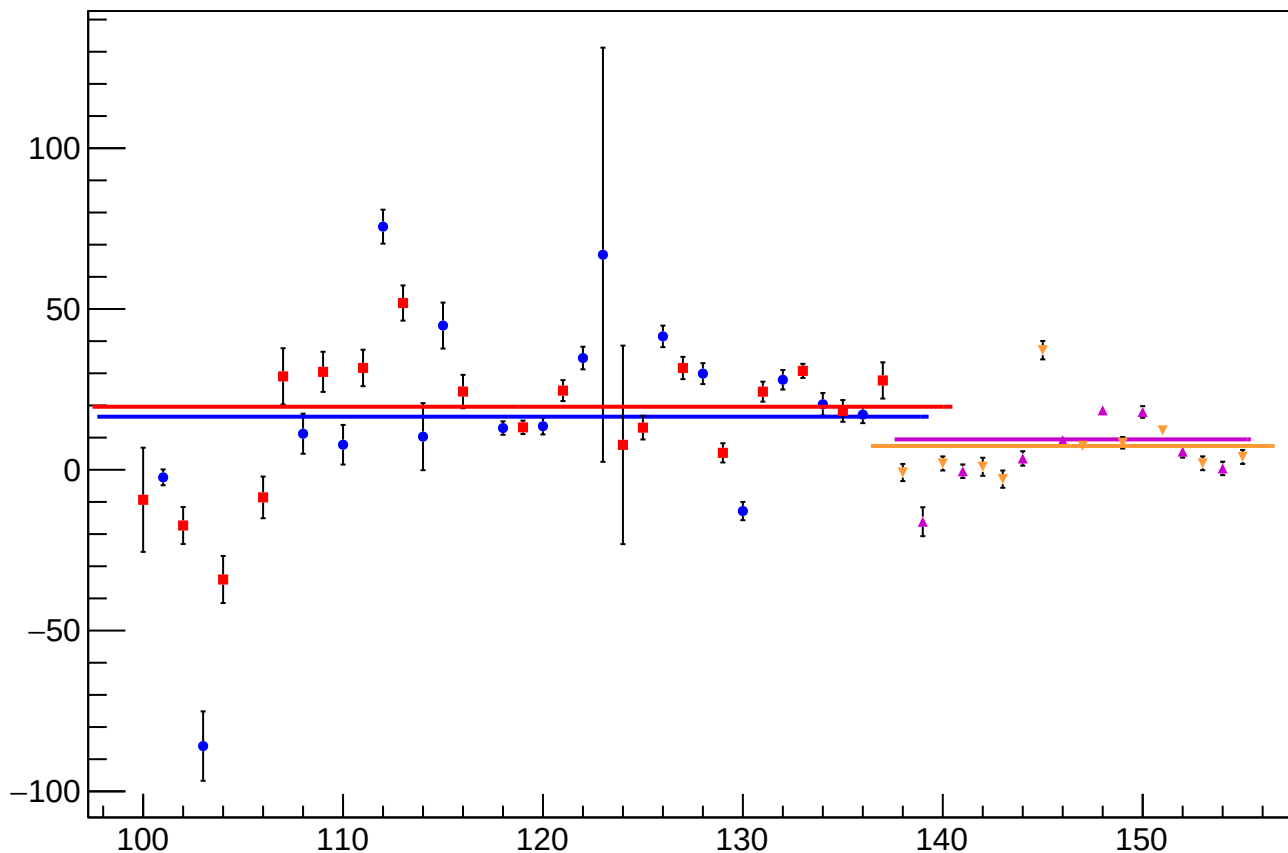
Left In: -37.885+/-0.962 χ^2/NDF : 253.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.221+/-0.670 χ^2/NDF : 1041.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 ± 0.847 $\chi^2/\text{NDF}: 519.6/16$

Left Out: 7.394 ± 0.623 $\chi^2/\text{NDF}: 165.1/9$

Right Out: 19.604 ± 0.898 $\chi^2/\text{NDF}: 242.0/18$

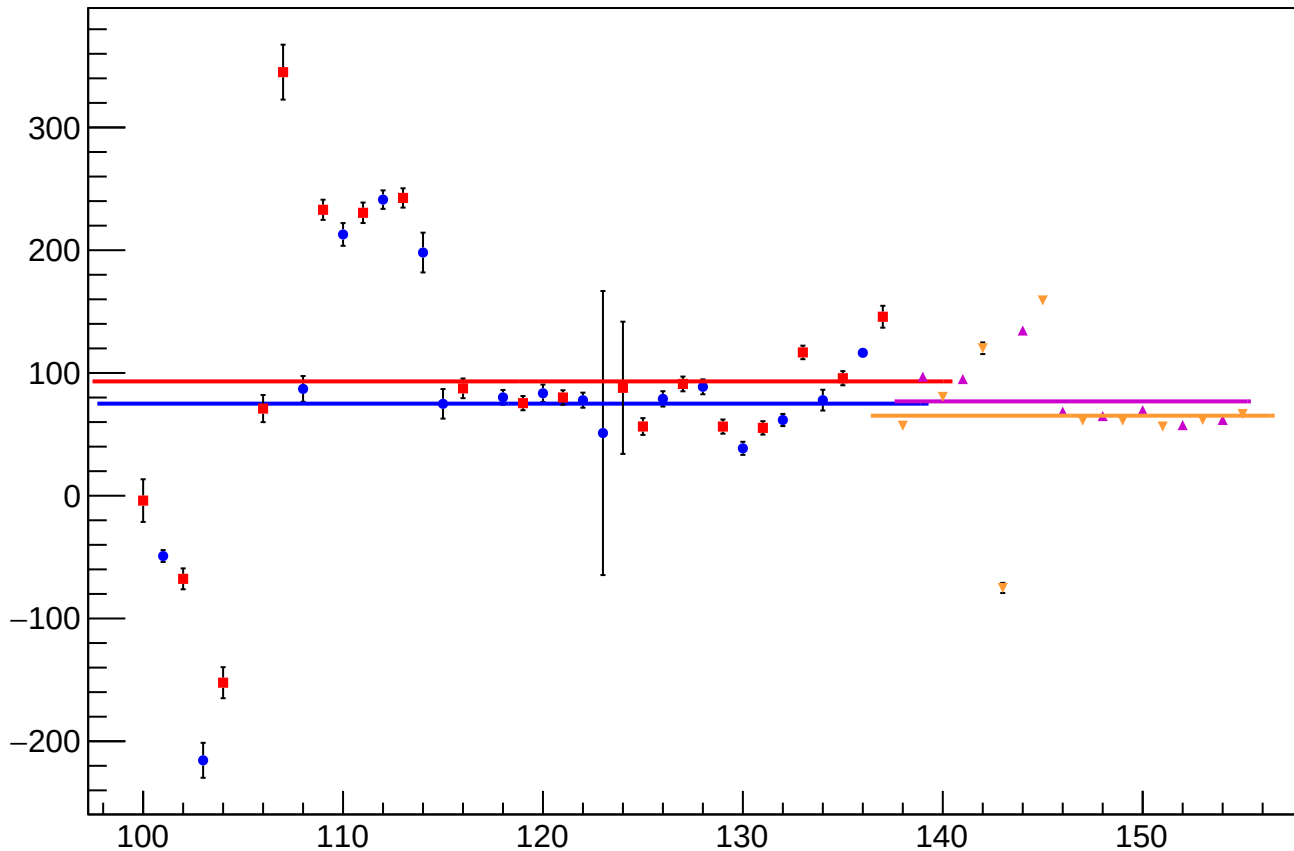
Left In: 9.447 ± 0.655 $\chi^2/\text{NDF}: 154.2/7$

+ sign 10.593 ± 0.502 $\chi^2/\text{NDF}: 759.8/26$

All: 11.721 ± 0.364 $\chi^2/\text{NDF}: 1250.1/53$

- sign 12.974 ± 0.529 $\chi^2/\text{NDF}: 479.6/26$

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009+/-1.636 χ^2 /NDF: 1999.3/16

Left Out: 65.210+/-0.924 χ^2 /NDF:2102.0/9

Right Out: 93.140+/-1.711 χ^2 /NDF: 2002.3/18

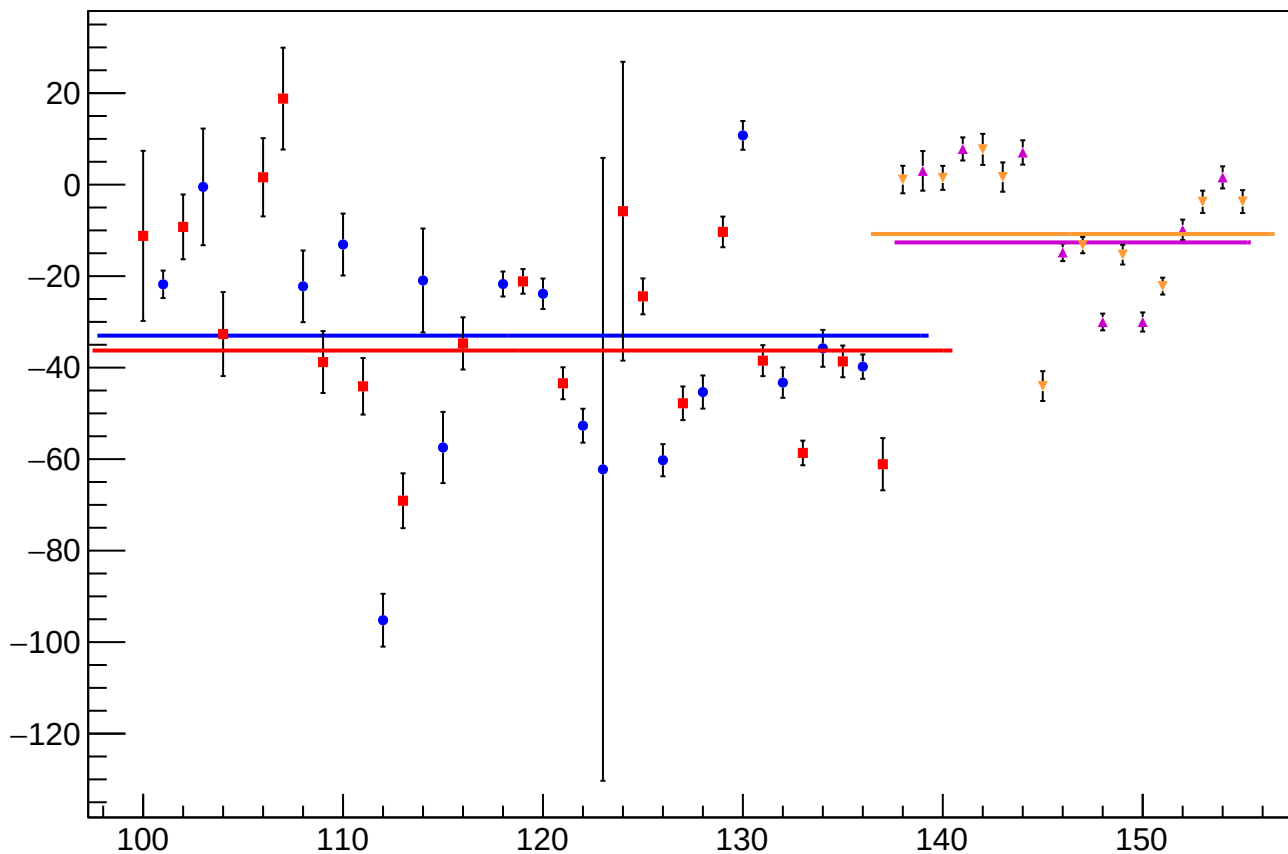
Left In: 76.857+/-0.947 χ^2 /NDF:519.0/7

+ sign 67.582+/-0.805 χ^2 /NDF: 4128.5/26

All: 73.938+/-0.577 χ^2 /NDF: 6847.7/53

- sign 80.676+/-0.829 χ^2 /NDF: 2590.7/26

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 $\chi^2/\text{NDF}: 493.1/16$

Left Out: -10.784 ± 0.770 $\chi^2/\text{NDF}: 247.0/9$

Right Out: -36.260 ± 1.025 $\chi^2/\text{NDF}: 297.1/18$

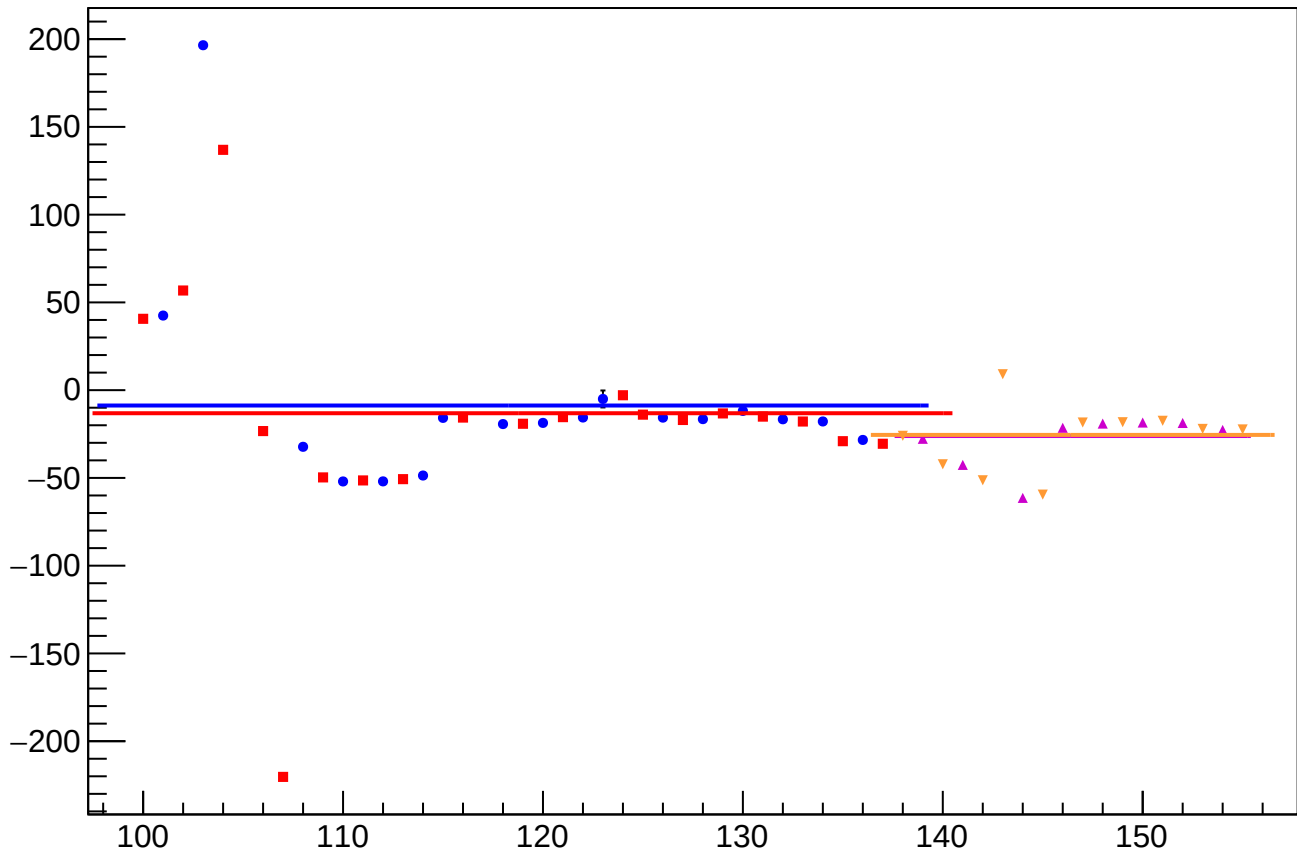
Left In: -12.628 ± 0.809 $\chi^2/\text{NDF}: 329.9/7$

+ sign -19.353 ± 0.603 $\chi^2/\text{NDF}: 1061.3/26$

All: -20.464 ± 0.437 $\chi^2/\text{NDF}: 2022.9/53$

- sign -21.694 ± 0.635 $\chi^2/\text{NDF}: 954.5/26$

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -25.493 ± 0.037 $\chi^2/\text{NDF}: 160000.5/9$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

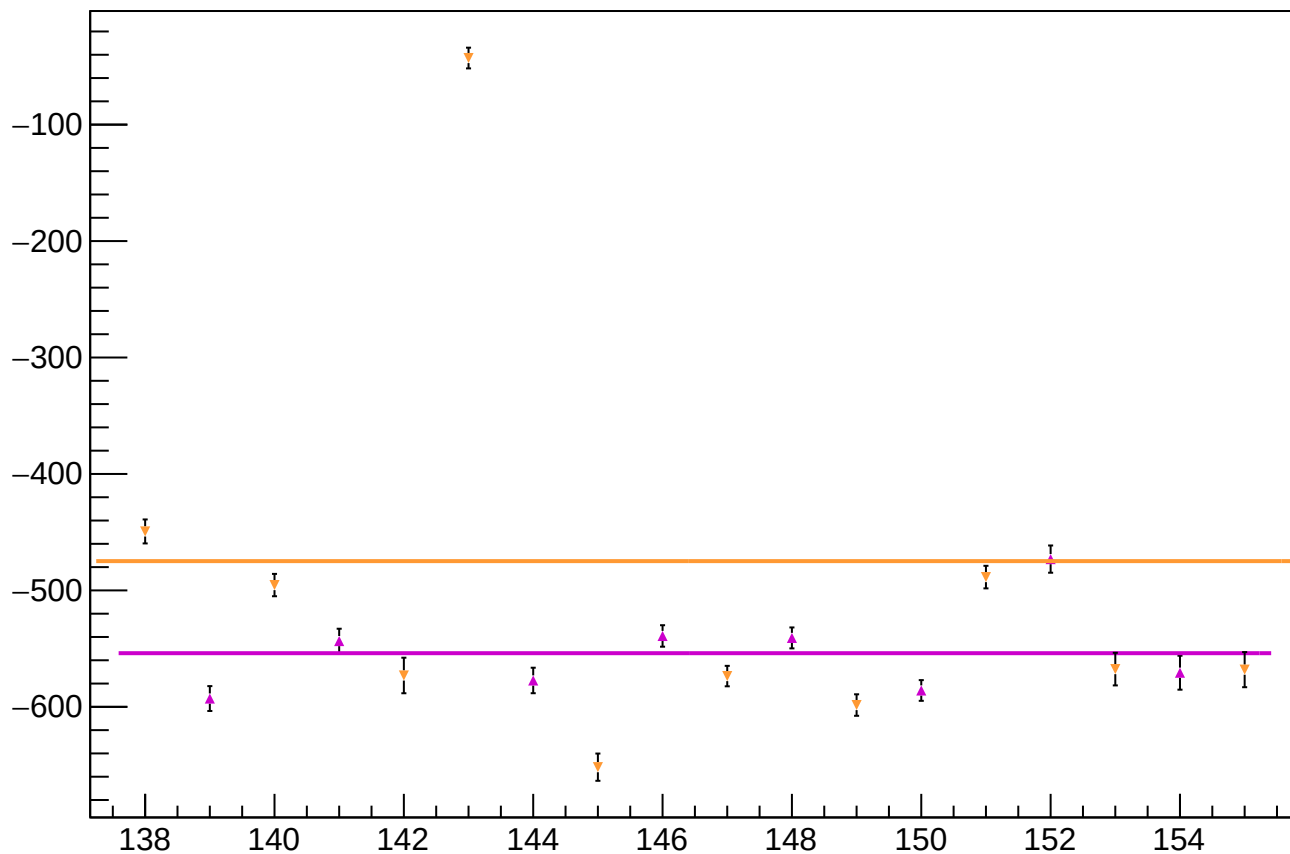
Left In: -26.138 ± 0.038 $\chi^2/\text{NDF}: 92730.6/7$

+ sign -20.670 ± 0.032 $\chi^2/\text{NDF}: 793719.6/26$

All: -21.572 ± 0.023 $\chi^2/\text{NDF}: 1478769.4/53$

- sign -22.529 ± 0.033 $\chi^2/\text{NDF}: 683367.5/26$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -474.854+/-3.345 χ^2/NDF : 3027.5/9

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

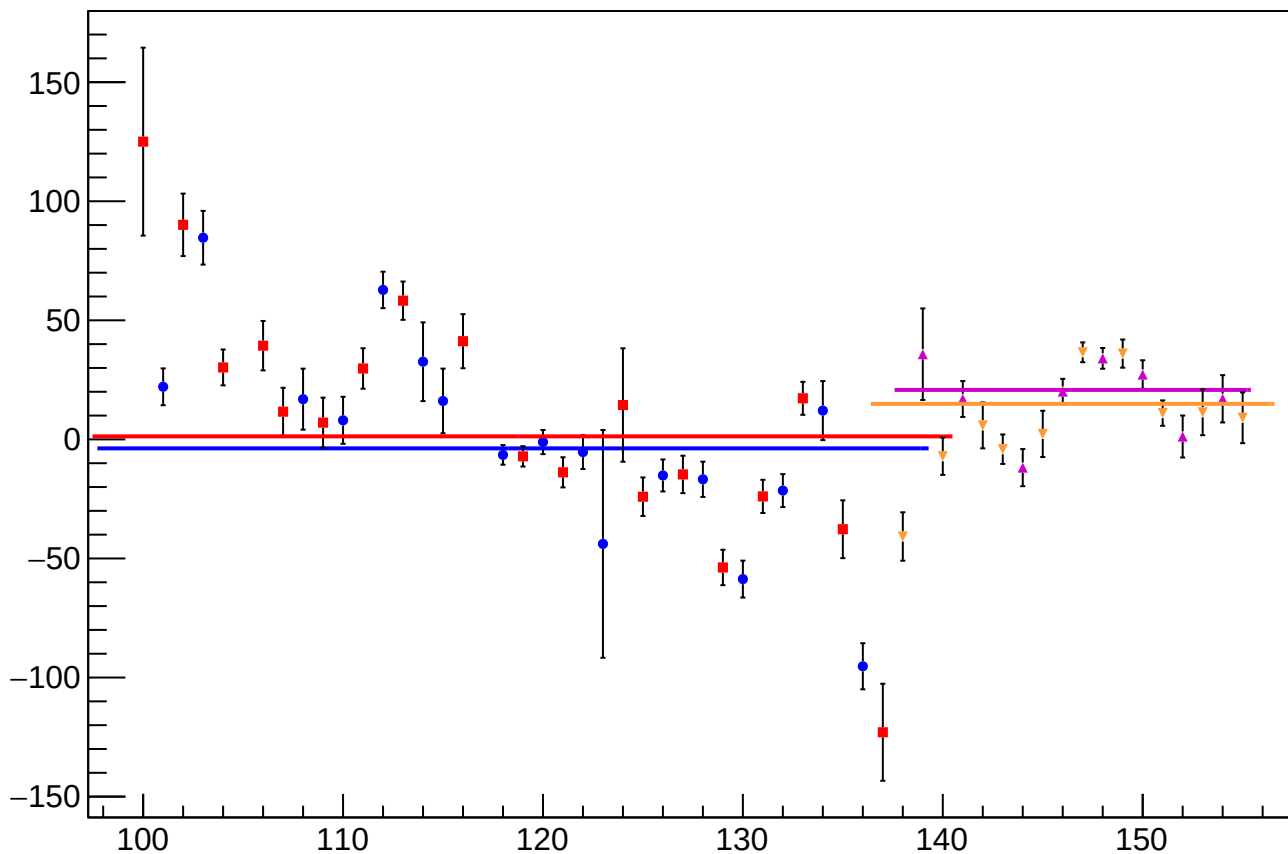
Left In: -553.920+/-3.655 χ^2/NDF : 85.6/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -510.890+/-2.468 χ^2/NDF : 3367.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.773 ± 1.889 χ^2/NDF : 314.3/16

Left Out: 14.936 ± 2.159 χ^2/NDF : 90.7/9

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

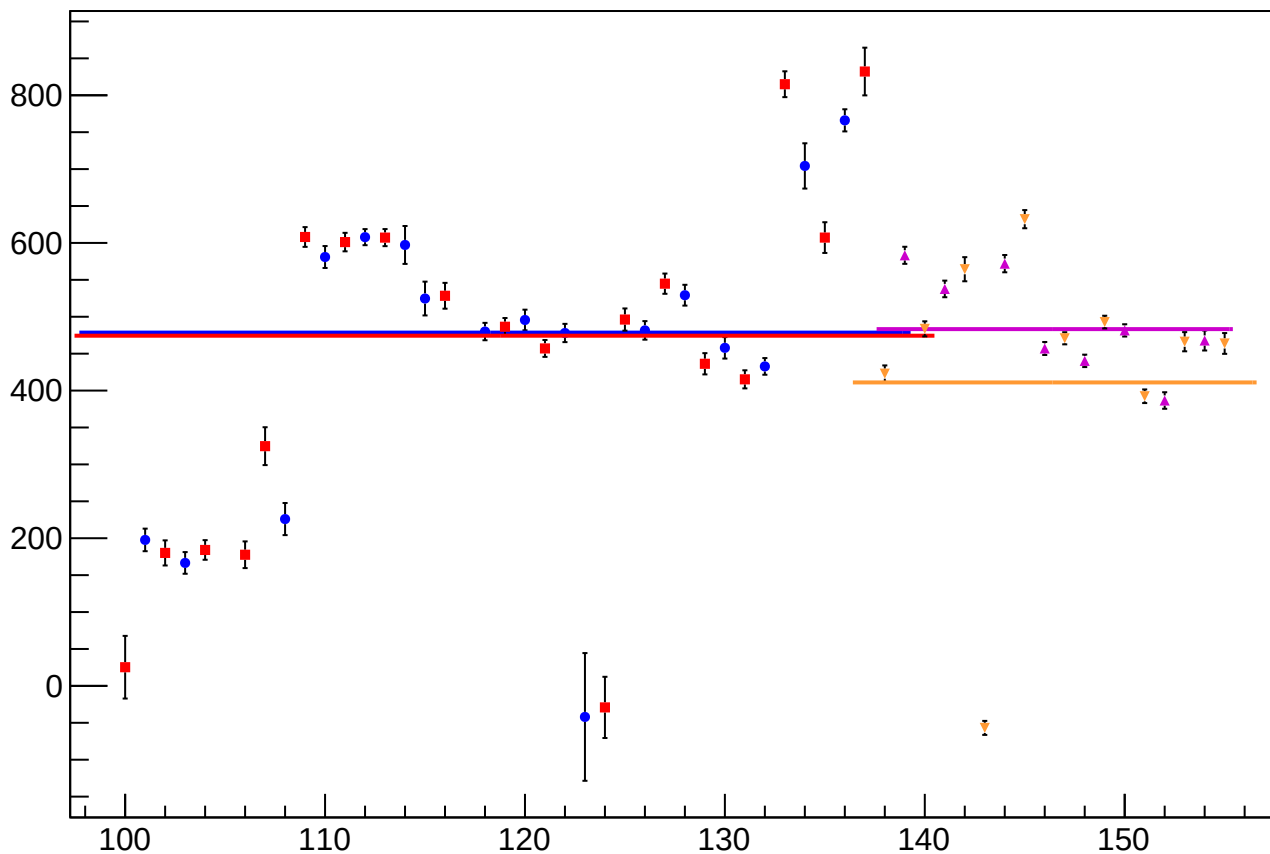
Left In: 20.780 ± 2.389 χ^2/NDF : 33.9/7

+ sign 4.336 ± 1.421 χ^2/NDF : 447.6/26

All: 6.512 ± 1.031 χ^2/NDF : 830.6/53

- sign 8.924 ± 1.497 χ^2/NDF : 378.1/26

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2/NDF : 1629.0/16

Left Out: 411.028 $\pm$ 3.333 χ^2/NDF : 3068.1/9

Right Out: 474.328 $\pm$ 3.533 χ^2/NDF : 2287.1/18

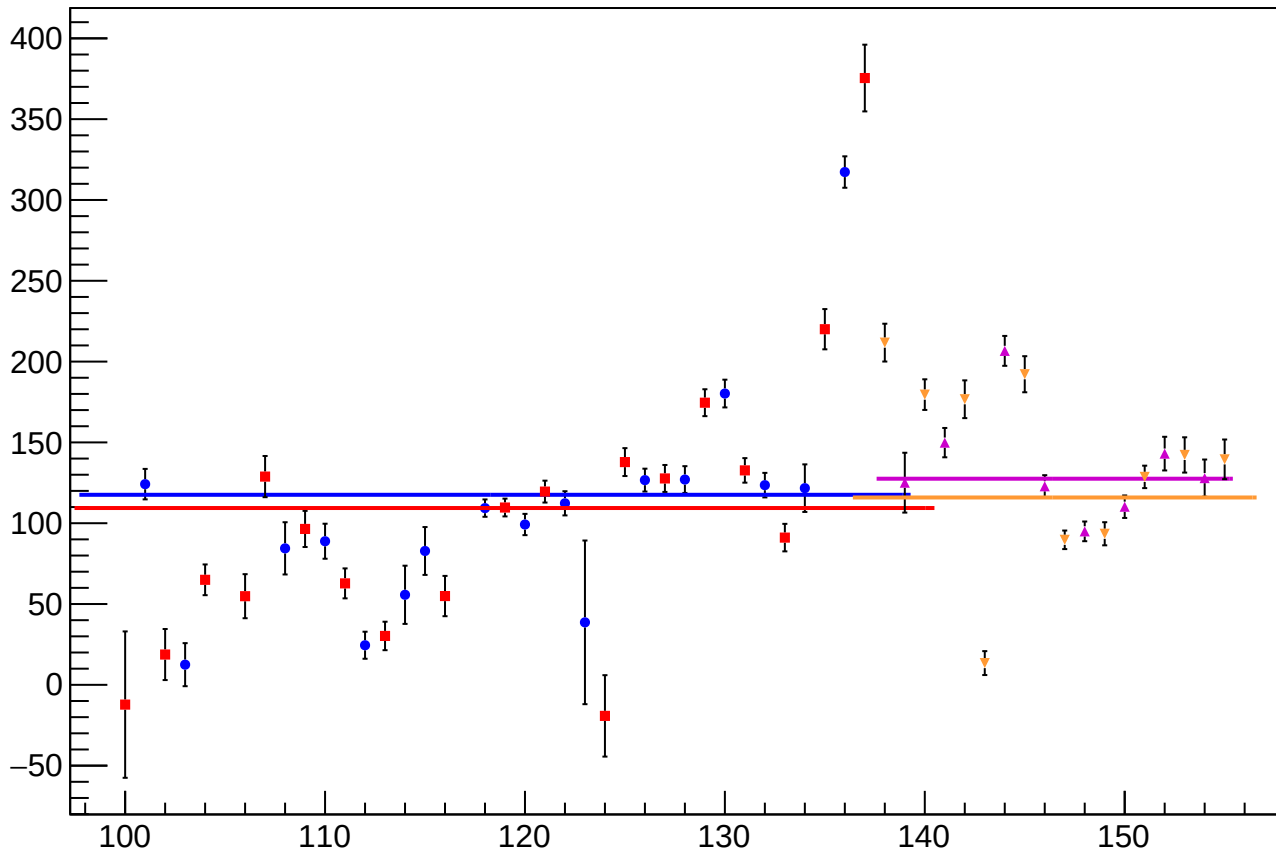
Left In: 483.255 $\pm$ 3.592 χ^2/NDF : 266.3/7

+ sign 441.899 $\pm$ 2.455 χ^2/NDF : 4884.7/26

All: 459.837 $\pm$ 1.758 χ^2/NDF : 7550.9/53

- sign 478.718 $\pm$ 2.519 χ^2/NDF : 2556.5/26

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 115.921 ± 2.694 $\chi^2/\text{NDF}: 421.4/9$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

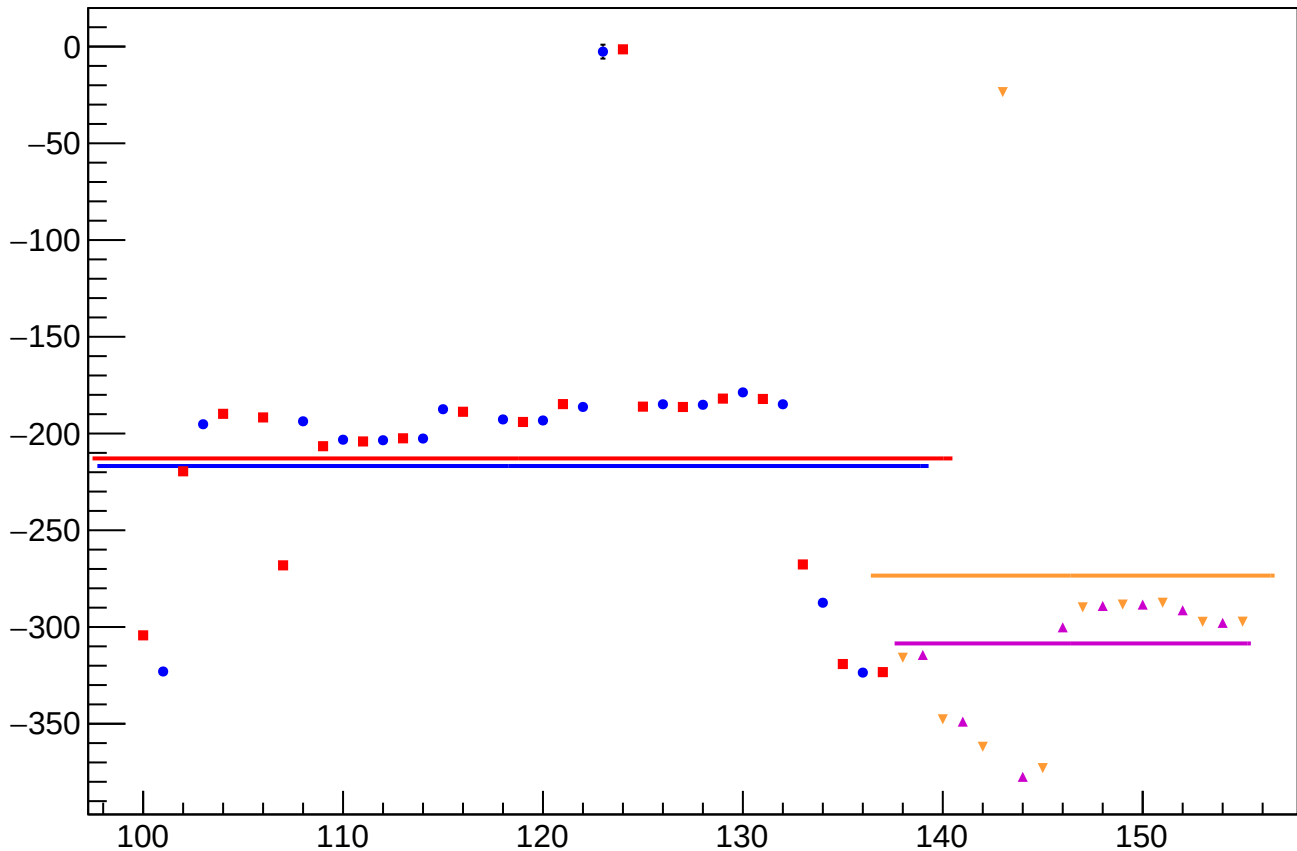
Left In: 127.533 ± 2.983 $\chi^2/\text{NDF}: 116.7/7$

+ sign 116.922 ± 1.701 $\chi^2/\text{NDF}: 1128.5/26$

All: 116.397 ± 1.228 $\chi^2/\text{NDF}: 1840.4/53$

- sign 115.825 ± 1.776 $\chi^2/\text{NDF}: 711.7/26$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796 ± 0.136 $\chi^2/\text{NDF}: 146976.1/16$

Left Out: -273.424 ± 0.138 $\chi^2/\text{NDF}: 538702.4/9$

Right Out: -212.869 ± 0.130 $\chi^2/\text{NDF}: 116393.6/18$

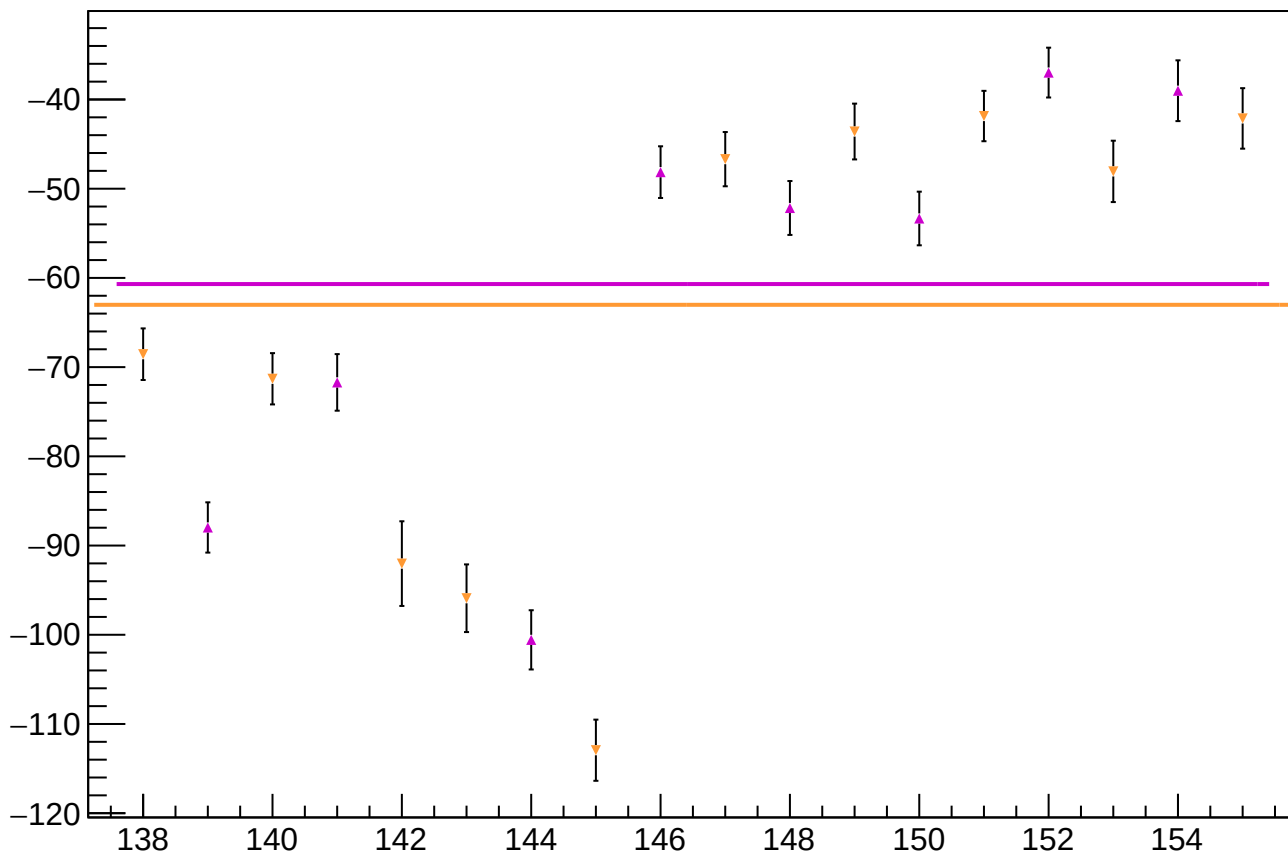
Left In: -308.498 ± 0.148 $\chi^2/\text{NDF}: 34678.5/7$

+ sign -244.605 ± 0.097 $\chi^2/\text{NDF}: 771257.0/26$

All: -249.565 ± 0.069 $\chi^2/\text{NDF}: 1163330.2/53$

- sign -254.620 ± 0.098 $\chi^2/\text{NDF}: 386768.9/26$

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -63.014+/-1.028 χ^2/NDF : 517.1/9

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

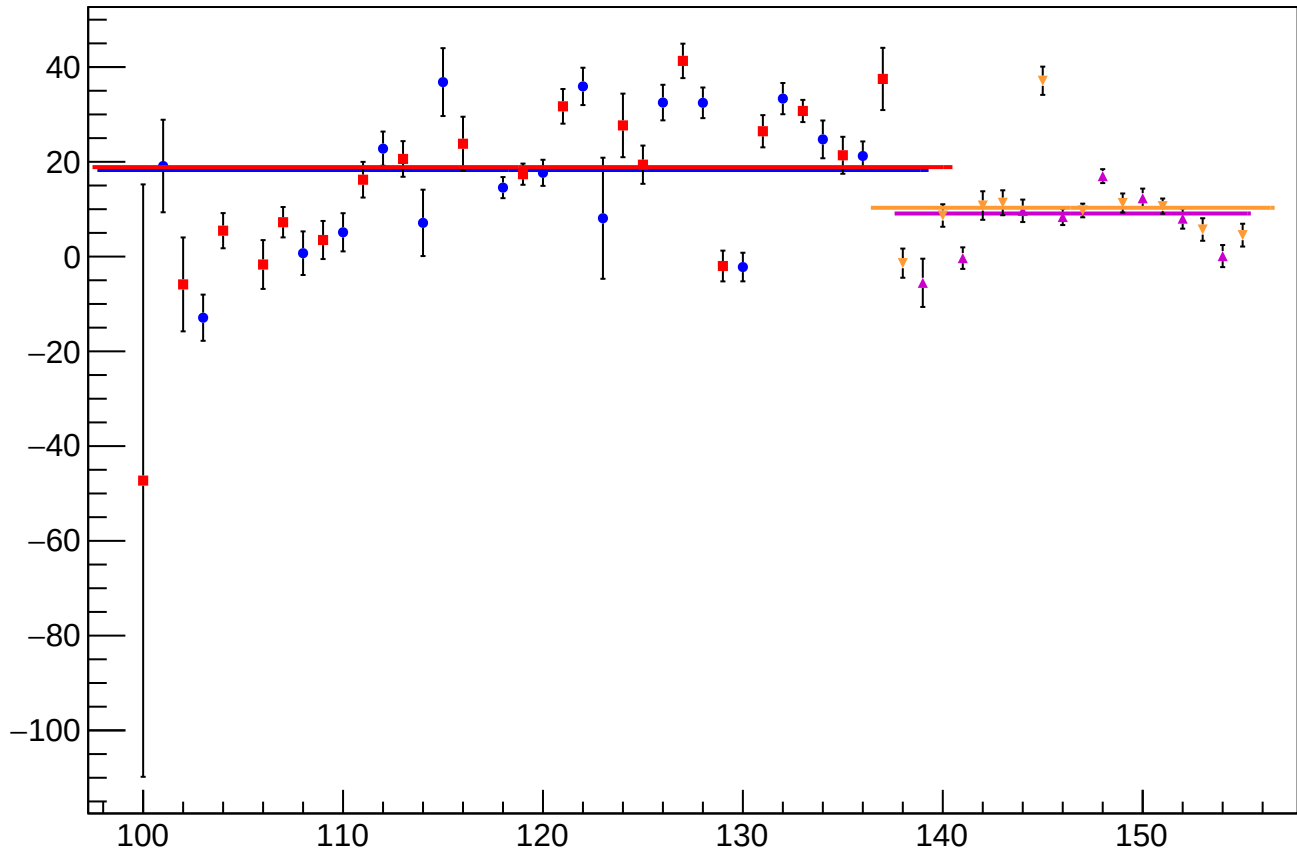
Left In: -60.689+/-1.072 χ^2/NDF : 395.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.901+/-0.742 χ^2/NDF : 914.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.279 $\pm$ 0.906 χ^2 /NDF: 204.6/16

Left Out: 10.300 $\pm$ 0.687 χ^2 /NDF:105.9/9

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

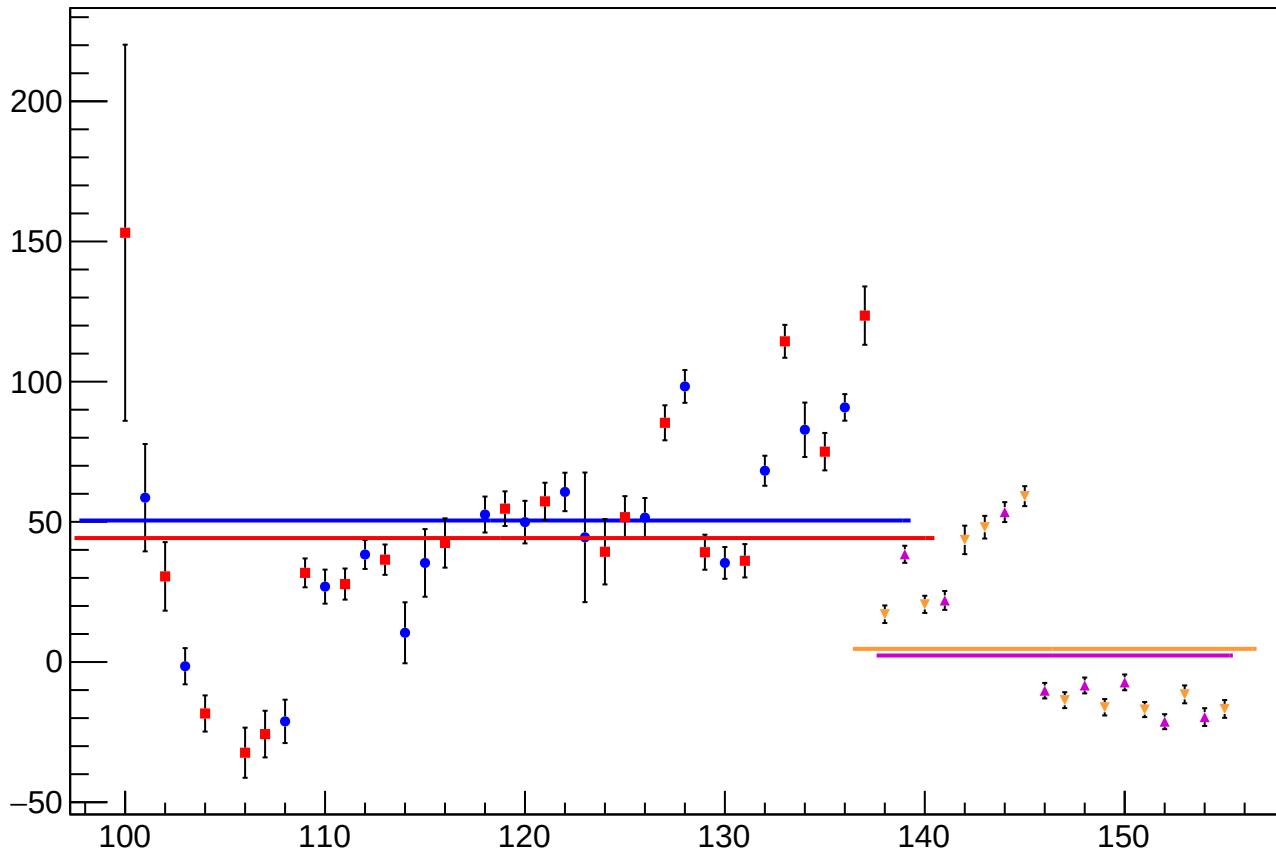
Left In: 9.093 $\pm$ 0.732 χ^2 /NDF:72.1/7

+ sign 13.217 $\pm$ 0.548 χ^2 /NDF: 359.7/26

All: 13.201 $\pm$ 0.391 χ^2 /NDF: 704.9/53

- sign 13.184 $\pm$ 0.559 χ^2 /NDF: 345.2/26

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 ± 1.668 χ^2/NDF : 357.9/16

Left Out: 4.700 ± 1.019 χ^2/NDF : 678.0/9

Right Out: 44.222 ± 1.602 χ^2/NDF : 534.4/18

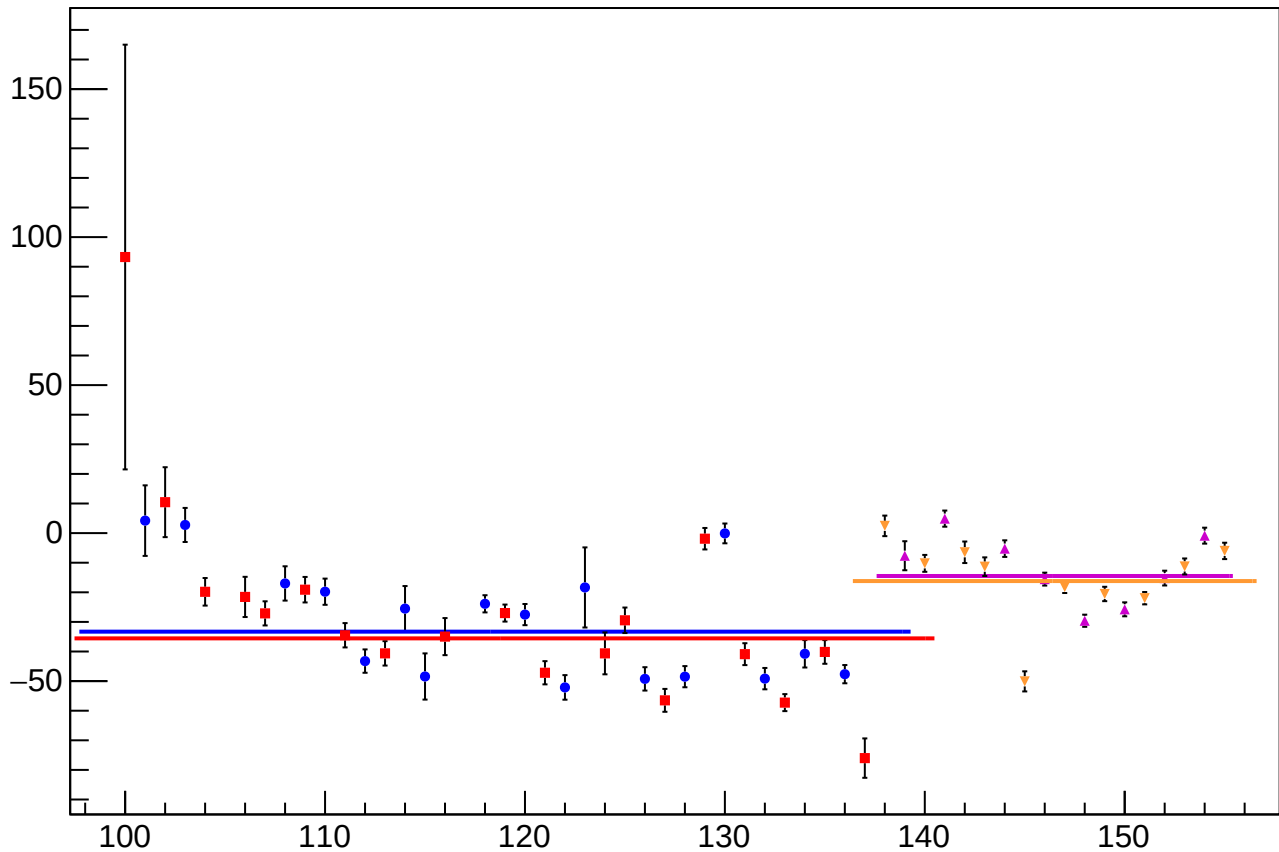
Left In: 2.331 ± 1.057 χ^2/NDF : 553.7/7

+ sign 17.146 ± 0.870 χ^2/NDF : 1584.5/26

All: 16.102 ± 0.619 χ^2/NDF : 3151.8/53

- sign 15.027 ± 0.882 χ^2/NDF : 1564.4/26

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.202 ± 0.848 χ^2/NDF : 171.2/9

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

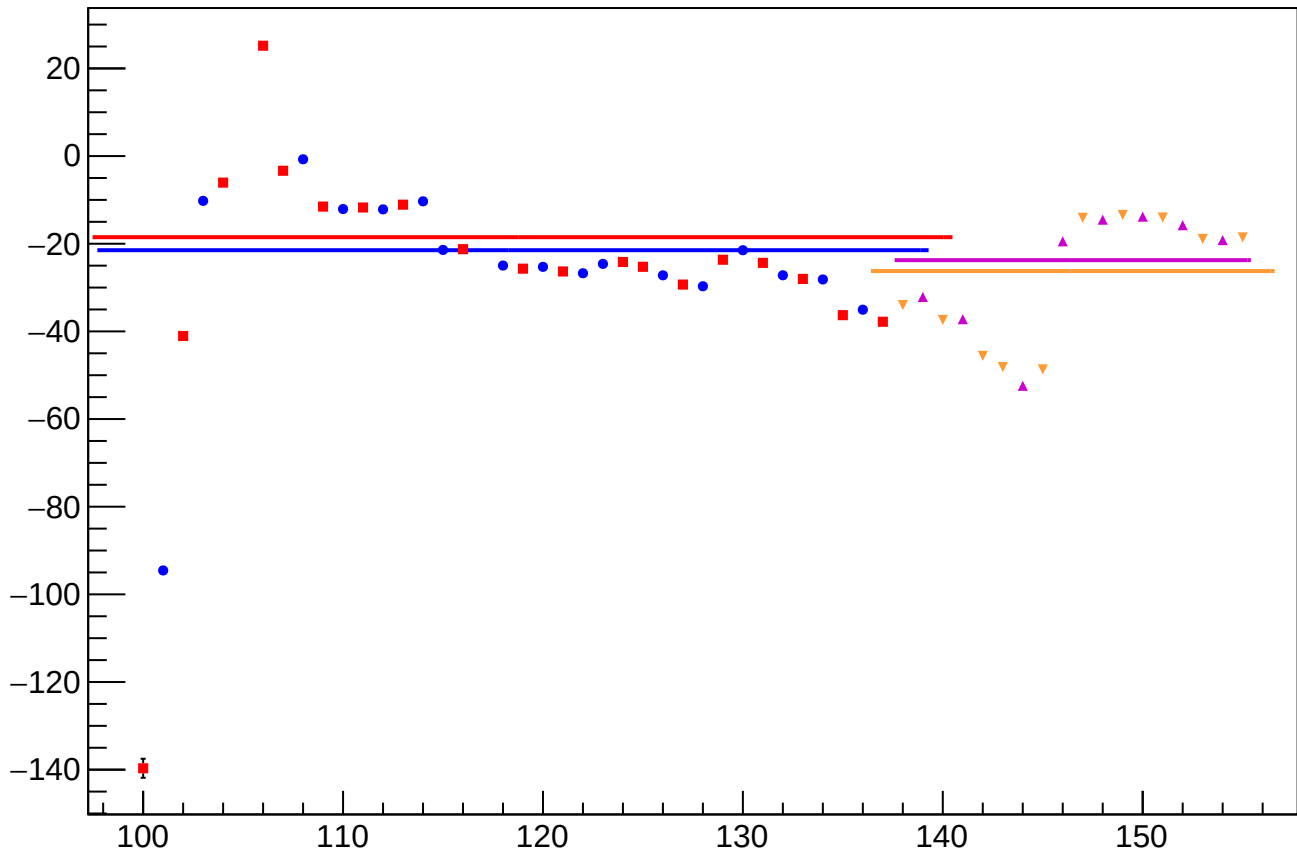
Left In: -14.486 ± 0.902 χ^2/NDF : 166.2/7

+ sign -23.084 ± 0.656 χ^2/NDF : 623.8/26

All: -23.547 ± 0.468 χ^2/NDF : 1325.6/53

- sign -24.026 ± 0.668 χ^2/NDF : 700.7/26

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -26.231 ± 0.041 $\chi^2/\text{NDF}: 102361.7/9$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

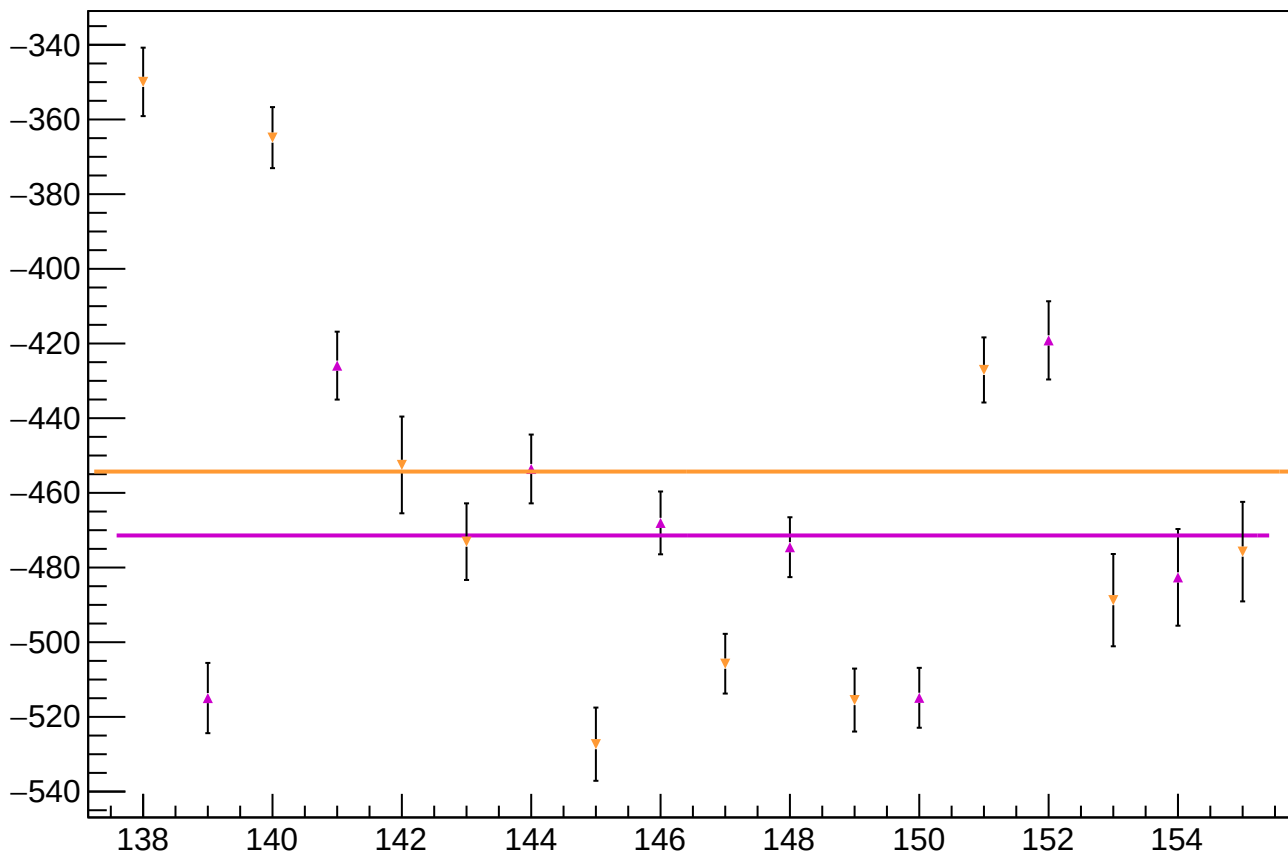
Left In: -23.749 ± 0.043 $\chi^2/\text{NDF}: 71066.3/7$

+ sign -24.660 ± 0.034 $\chi^2/\text{NDF}: 155768.1/26$

All: -23.291 ± 0.024 $\chi^2/\text{NDF}: 316293.9/53$

- sign -21.878 ± 0.034 $\chi^2/\text{NDF}: 157175.6/26$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -454.295 $\pm$ 3.046 χ^2 /NDF:422.3/9

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

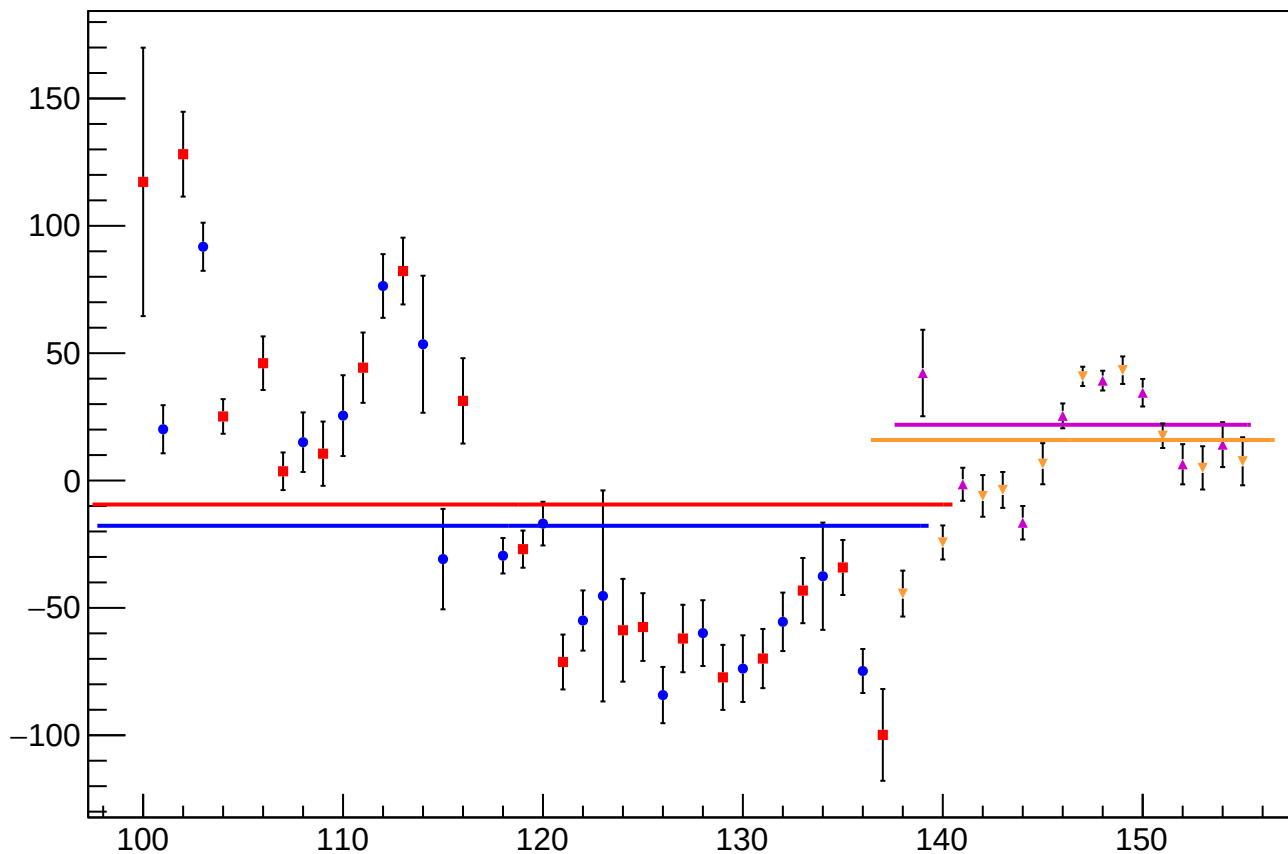
Left In: -471.410 $\pm$ 3.236 χ^2 /NDF:105.5/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -462.335 $\pm$ 2.218 χ^2 /NDF: 542.6/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.765 ± 2.781 χ^2/NDF : 363.9/16

Left Out: 15.917 ± 1.971 χ^2/NDF : 169.1/9

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

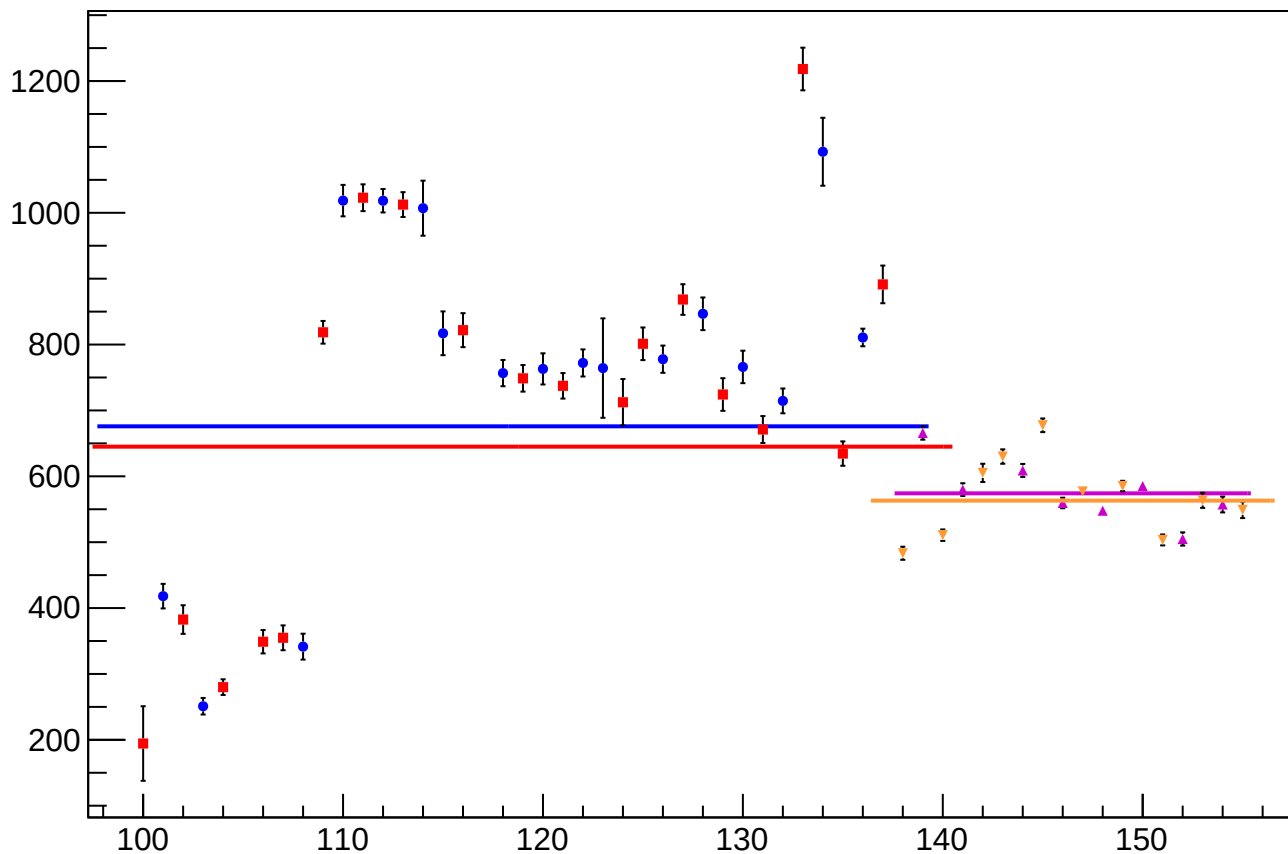
Left In: 21.894 ± 2.123 χ^2/NDF : 79.2/7

+ sign 4.658 ± 1.608 χ^2/NDF : 630.6/26

All: 6.994 ± 1.151 χ^2/NDF : 1170.2/53

- sign 9.446 ± 1.648 χ^2/NDF : 535.3/26

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 ± 5.037 χ^2/NDF : 2586.4/16

Left Out: 563.089 ± 3.032 χ^2/NDF : 334.0/9

Right Out: 645.014 ± 4.761 χ^2/NDF : 3123.3/18

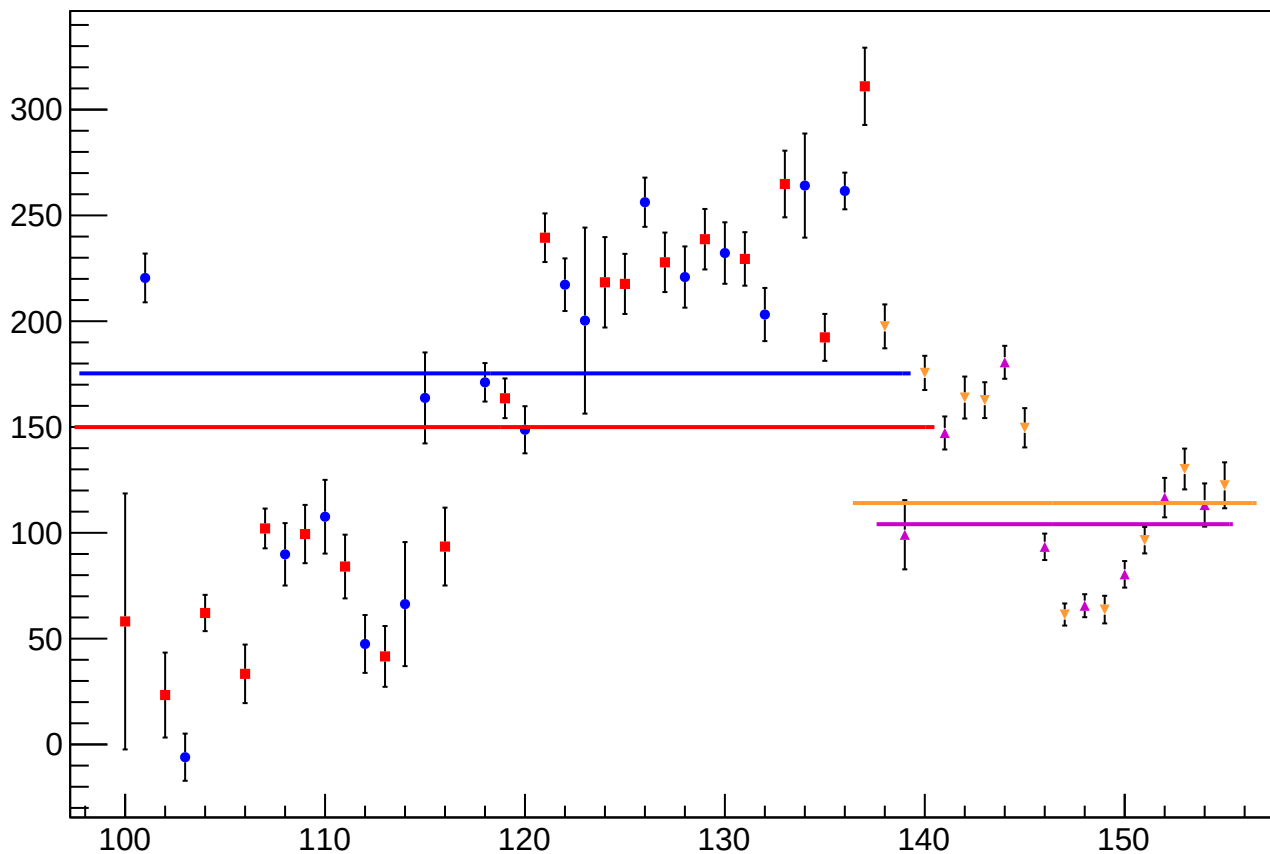
Left In: 574.149 ± 3.187 χ^2/NDF : 161.3/7

+ sign 593.081 ± 2.598 χ^2/NDF : 3288.4/26

All: 594.552 ± 1.855 χ^2/NDF : 6726.6/53

- sign 596.081 ± 2.649 χ^2/NDF : 3437.5/26

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 ± 3.203 χ^2/NDF : 638.5/16

Left Out: 114.068 ± 2.461 χ^2/NDF : 367.9/9

Right Out: 149.966 ± 3.045 χ^2/NDF : 693.2/18

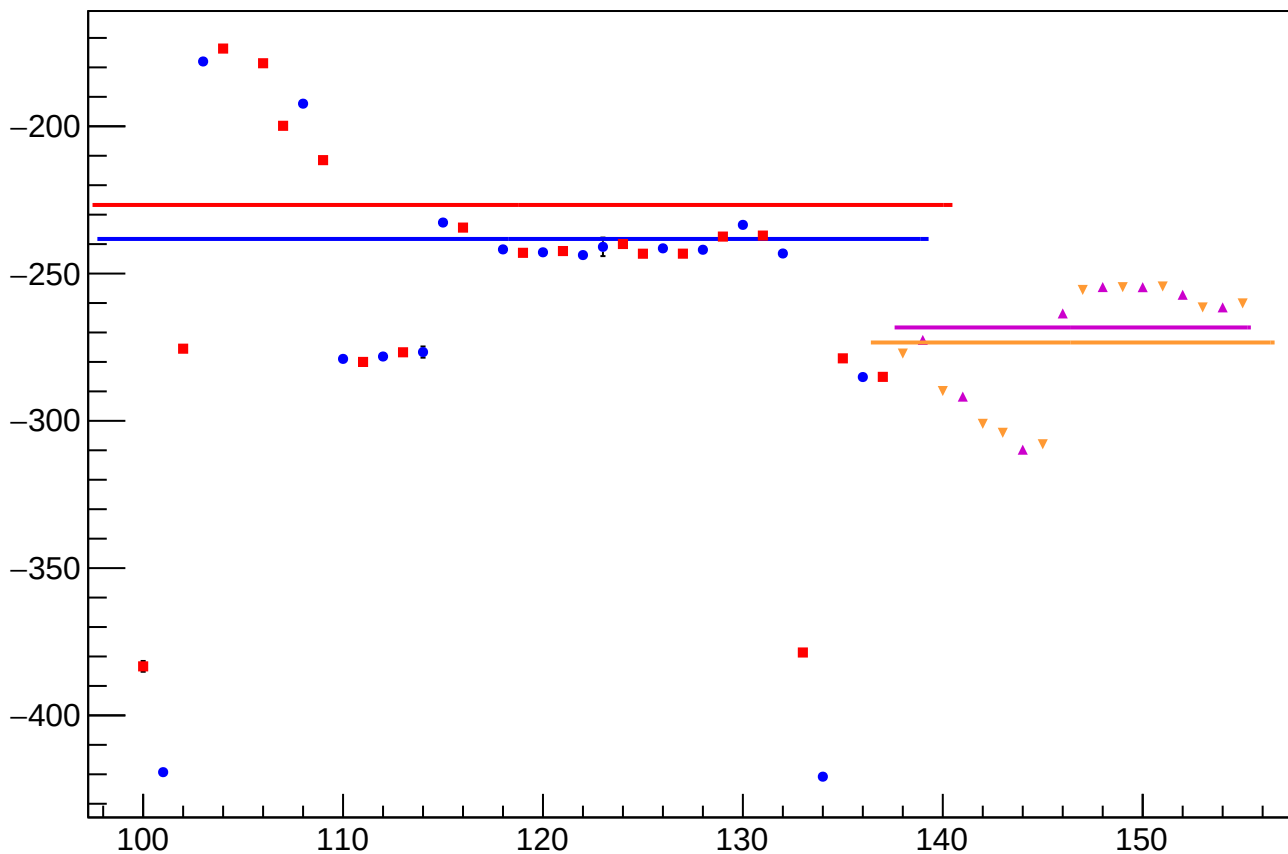
Left In: 104.086 ± 2.648 χ^2/NDF : 197.1/7

+ sign 136.811 ± 1.951 χ^2/NDF : 1236.5/26

All: 130.480 ± 1.396 χ^2/NDF : 2277.6/53

- sign 123.842 ± 1.998 χ^2/NDF : 1019.5/26

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248 ± 0.160 $\chi^2/\text{NDF}: 167125.9/16$

Left Out: -273.401 ± 0.126 $\chi^2/\text{NDF}: 26590.7/9$

Right Out: -226.706 ± 0.151 $\chi^2/\text{NDF}: 102831.3/18$

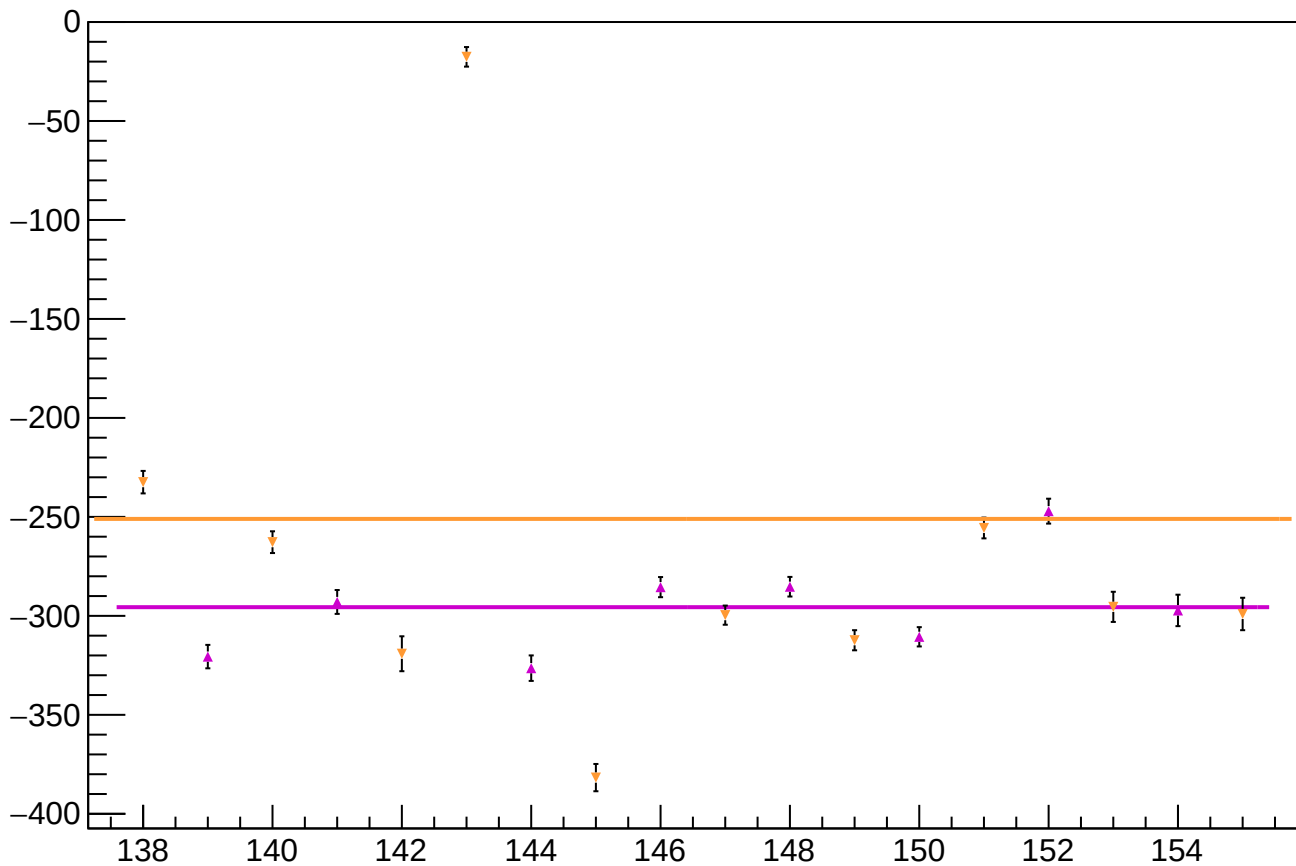
Left In: -268.297 ± 0.131 $\chi^2/\text{NDF}: 17866.0/7$

+ sign -259.975 ± 0.099 $\chi^2/\text{NDF}: 223579.6/26$

All: -255.213 ± 0.070 $\chi^2/\text{NDF}: 392150.5/53$

- sign -250.432 ± 0.099 $\chi^2/\text{NDF}: 163919.3/26$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -251.019+/-1.861 χ^2/NDF : 2977.2/9

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

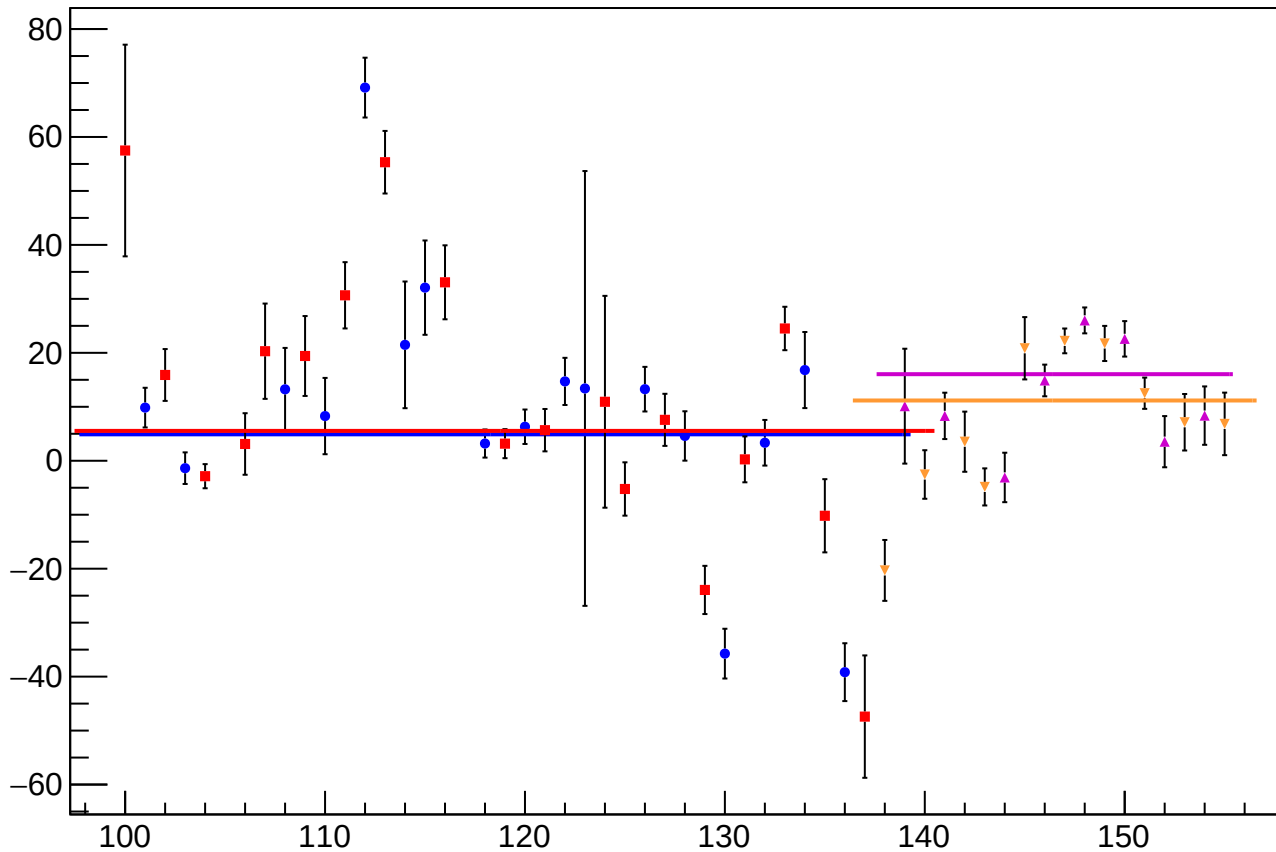
Left In: -295.612+/-2.029 χ^2/NDF : 118.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.393+/-1.372 χ^2/NDF : 3357.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.896 ± 1.089 χ^2/NDF : 312.0/16

Left Out: 11.168 ± 1.197 χ^2/NDF : 101.9/9

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

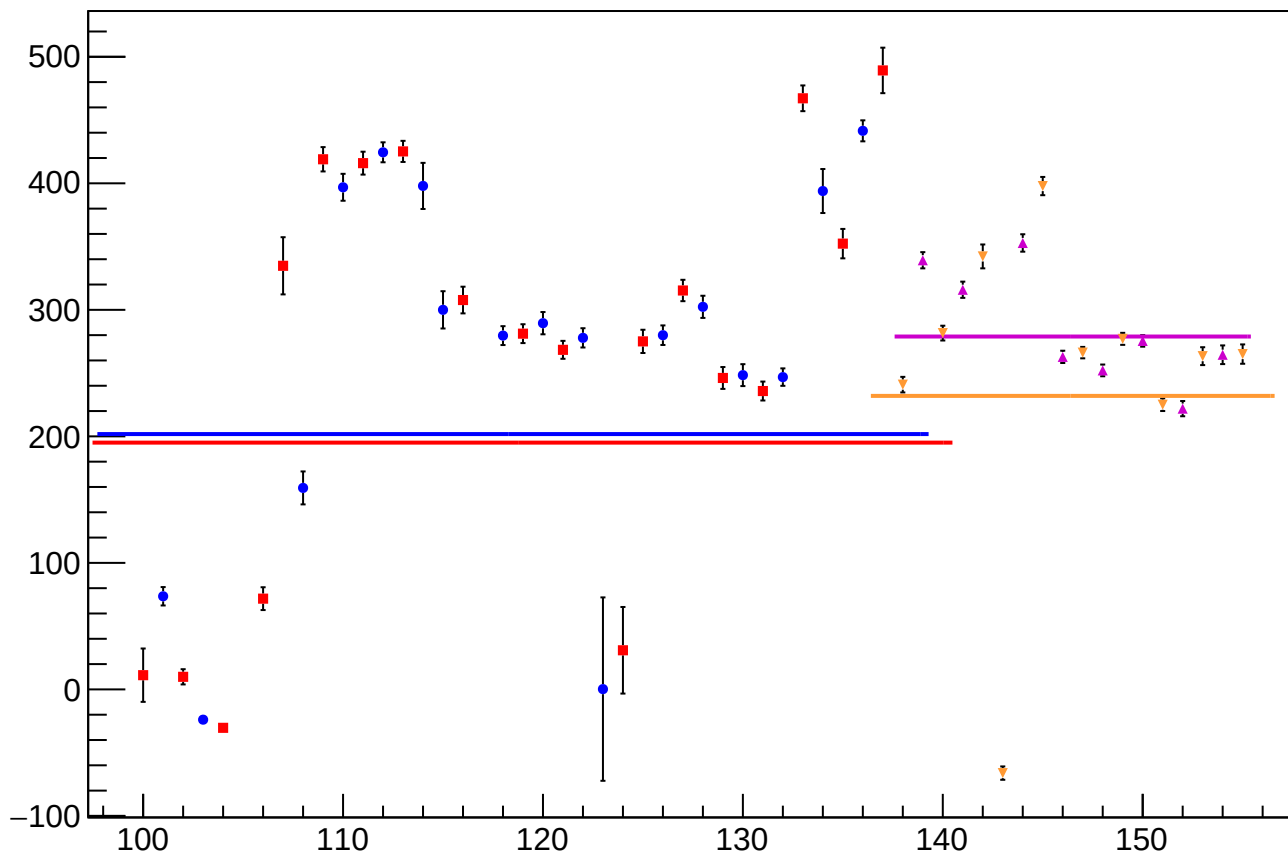
Left In: 16.044 ± 1.323 χ^2/NDF : 51.3/7

+ sign 7.736 ± 0.806 χ^2/NDF : 428.9/26

All: 8.684 ± 0.579 χ^2/NDF : 760.3/53

- sign 9.697 ± 0.833 χ^2/NDF : 328.6/26

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 231.985 $\pm$ 1.850 χ^2 /NDF: 4113.6/9

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

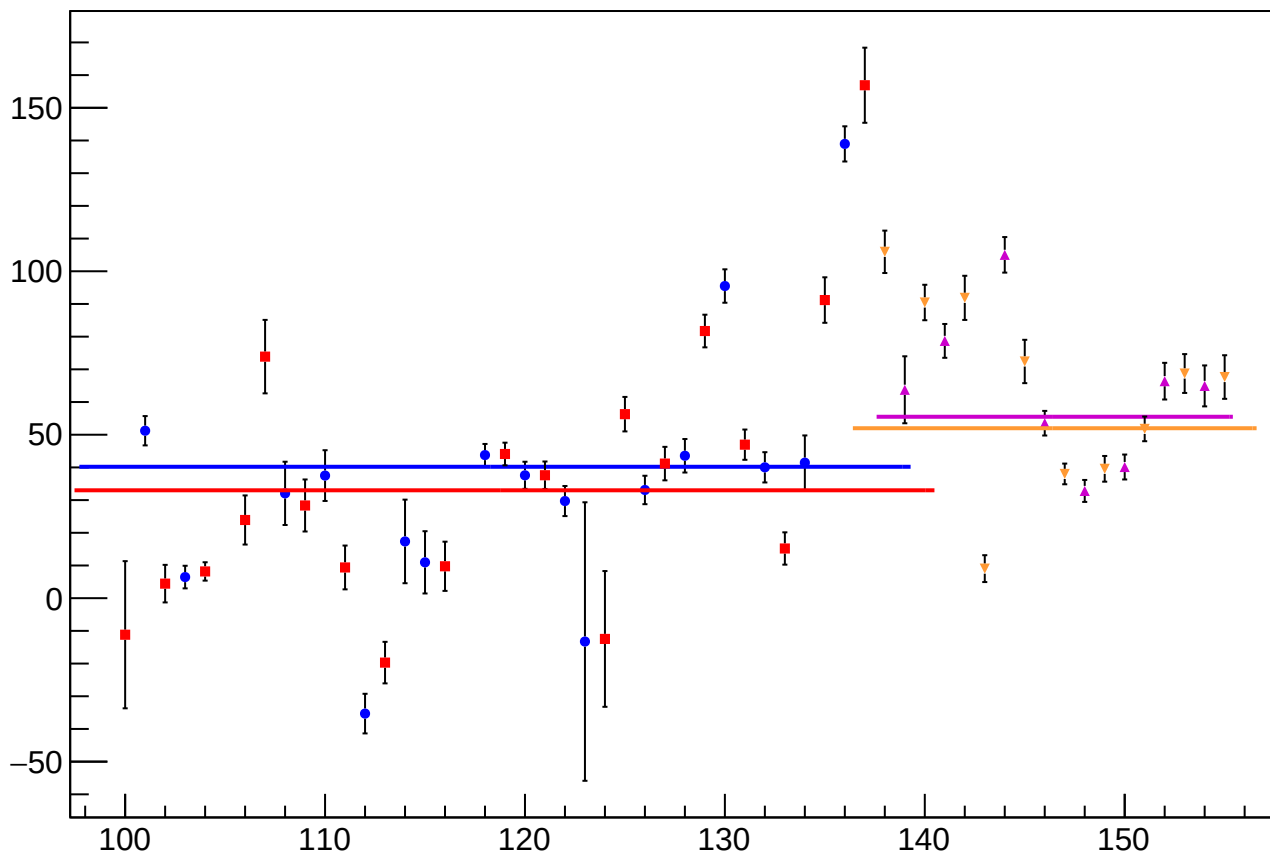
Left In: 278.910 $\pm$ 1.990 χ^2 /NDF: 375.2/7

+ sign 217.845 $\pm$ 1.349 χ^2 /NDF: 10992.5/26

All: 226.490 $\pm$ 0.966 χ^2 /NDF: 20626.7/53

- sign 235.583 $\pm$ 1.383 χ^2 /NDF: 9550.0/26

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 51.985 $\pm$ 1.495 χ^2 /NDF:316.1/9

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

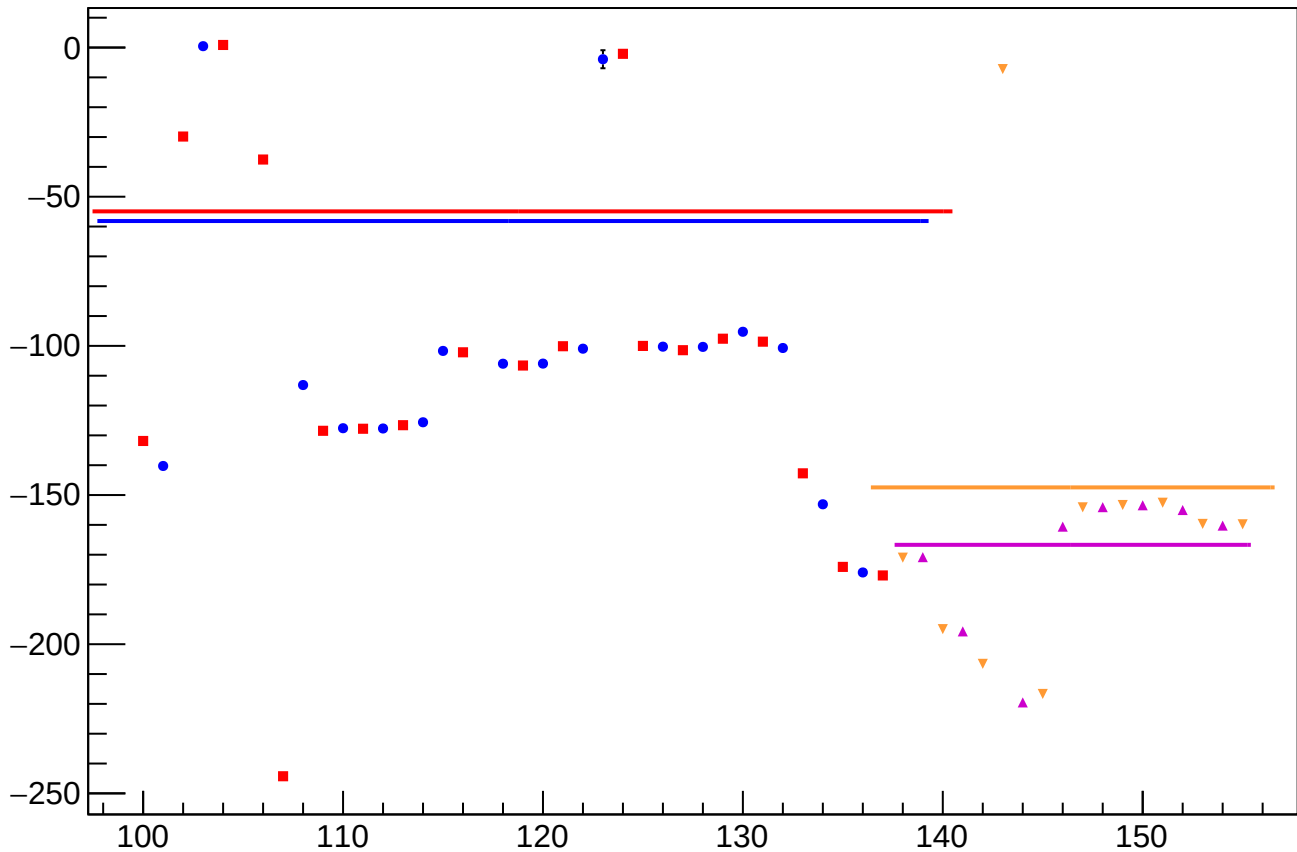
Left In: 55.496 $\pm$ 1.653 χ^2 /NDF:171.9/7

+ sign 45.126 $\pm$ 0.967 χ^2 /NDF: 1087.2/26

All: 43.228 $\pm$ 0.695 χ^2 /NDF: 1938.8/53

- sign 41.204 $\pm$ 0.998 χ^2 /NDF: 843.6/26

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -147.439 ± 0.077 $\chi^2/\text{NDF}: 574778.4/9$

Right Out: -54.914 ± 0.060 $\chi^2/\text{NDF}: 1003885.5/18$

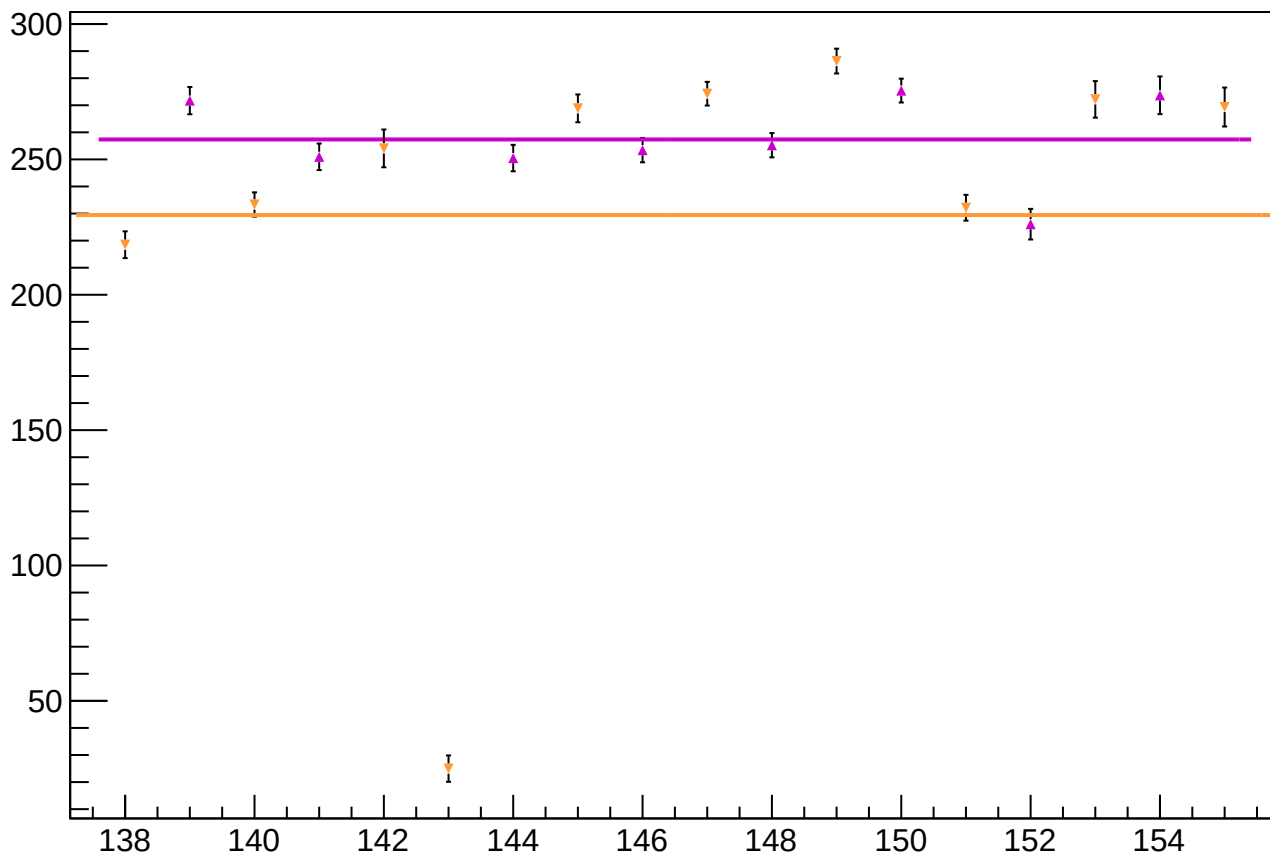
Left In: -166.690 ± 0.082 $\chi^2/\text{NDF}: 55874.2/7$

+ sign -93.184 ± 0.048 $\chi^2/\text{NDF}: 2505209.1/26$

All: -93.677 ± 0.034 $\chi^2/\text{NDF}: 4775463.1/53$

- sign -94.181 ± 0.049 $\chi^2/\text{NDF}: 2270040.4/26$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 229.443+/-1.630 χ^2/NDF : 2169.6/9

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

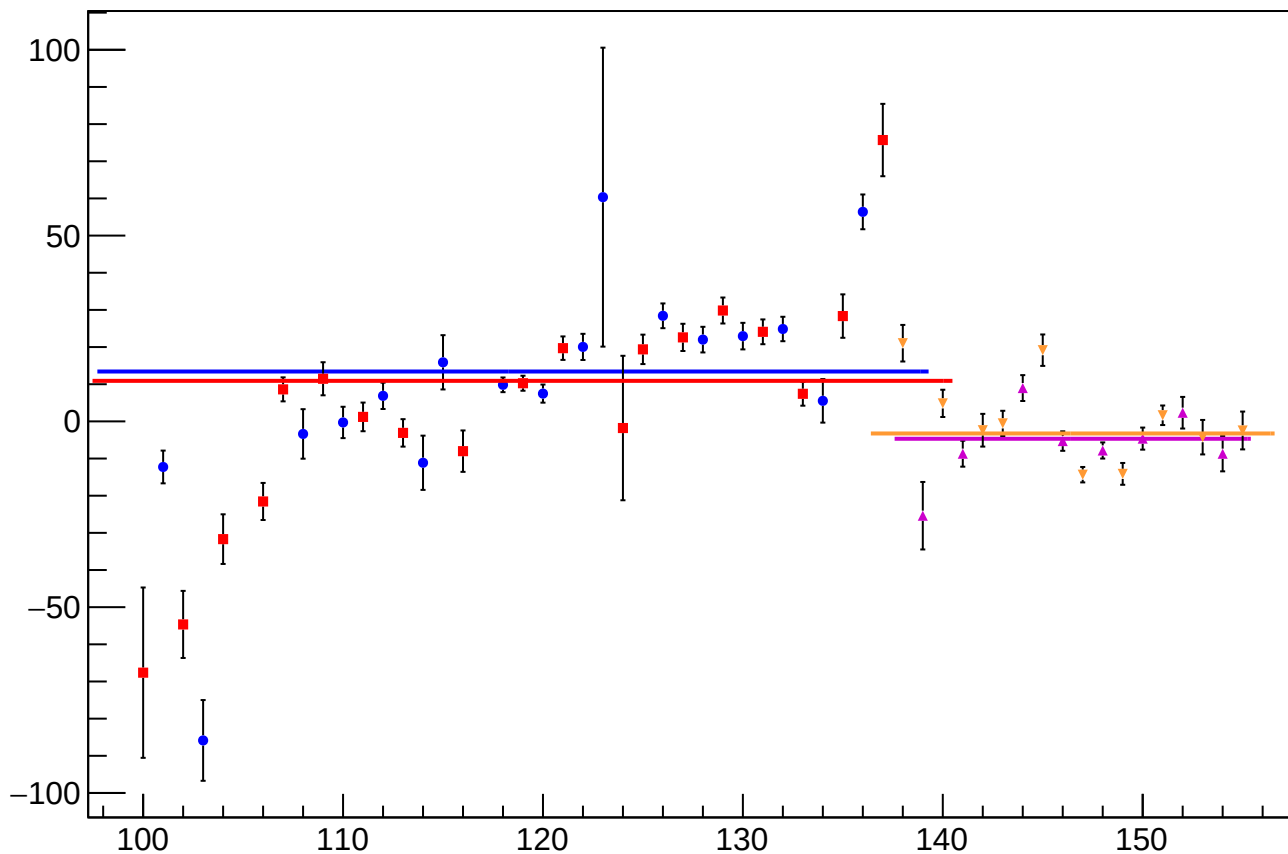
Left In: 257.365+/-1.751 χ^2/NDF : 65.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.403+/-1.193 χ^2/NDF : 2371.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423 $\pm$ 0.920 χ^2 /NDF: 295.2/16

Left Out: -3.255 $\pm$ 1.061 χ^2 /NDF:103.8/9

Right Out: 10.908 $\pm$ 0.916 χ^2 /NDF: 302.6/18

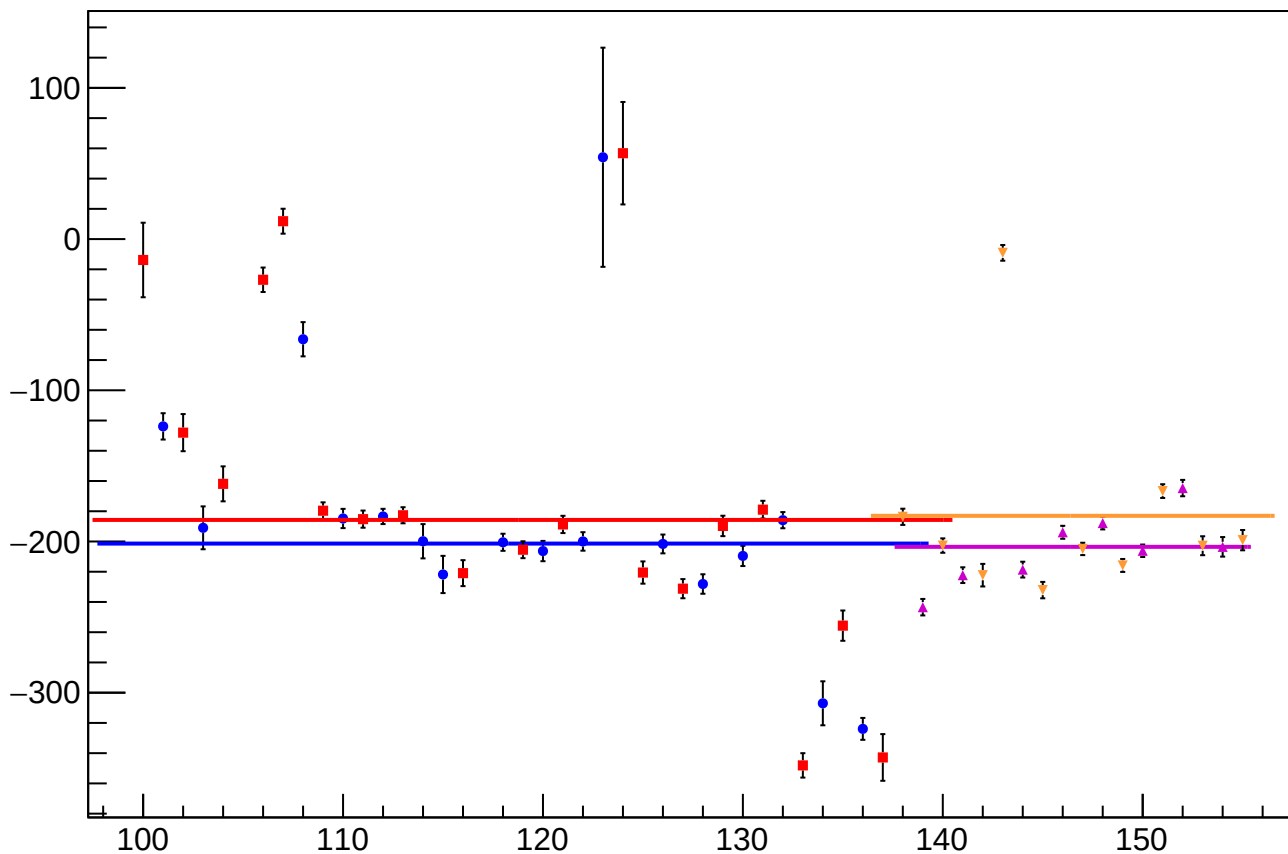
Left In: -4.681 $\pm$ 1.157 χ^2 /NDF:27.5/7

+ sign 6.273 $\pm$ 0.695 χ^2 /NDF: 540.0/26

All: 5.609 $\pm$ 0.499 χ^2 /NDF: 983.6/53

- sign 4.899 $\pm$ 0.718 χ^2 /NDF: 441.7/26

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -183.020 ± 1.626 χ^2/NDF : 1361.8/9

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

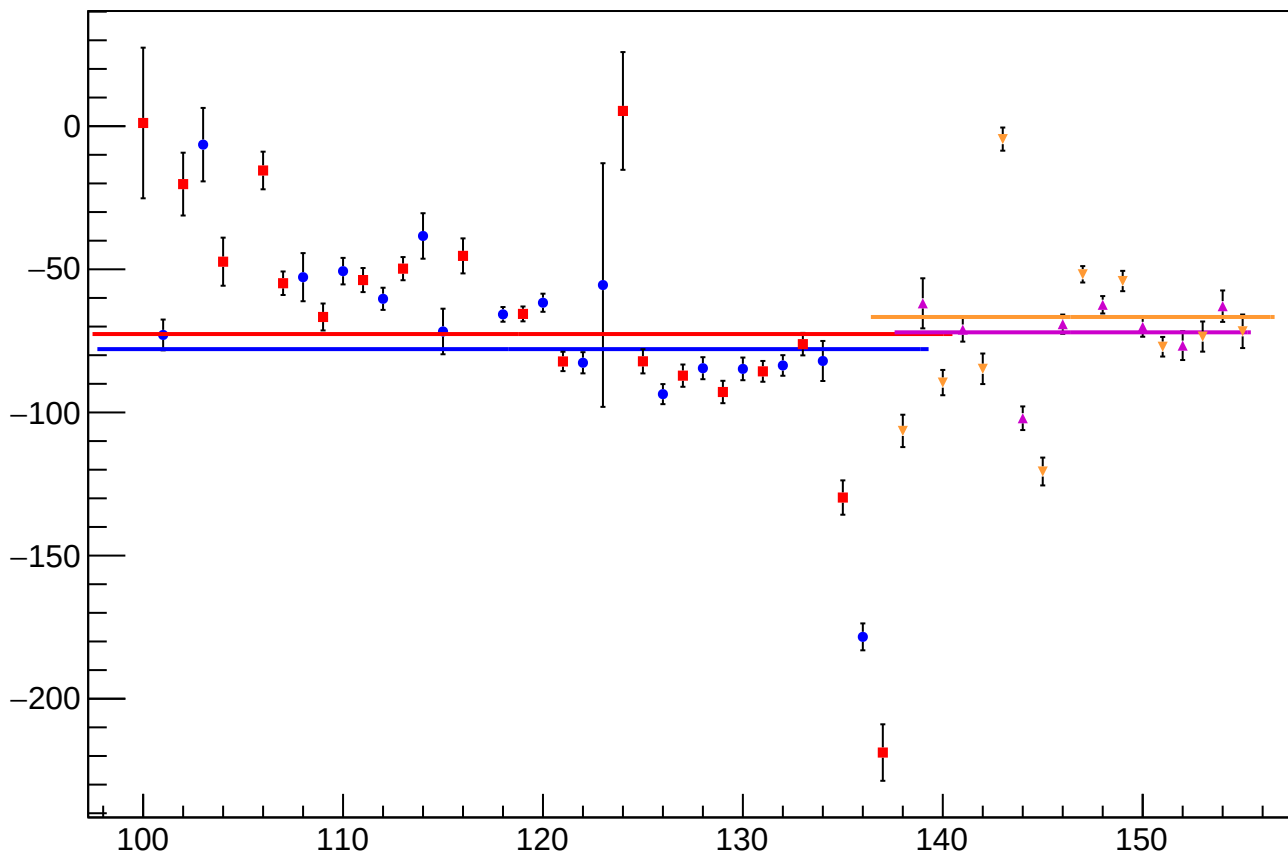
Left In: -203.539 ± 1.727 χ^2/NDF : 145.9/7

+ sign -191.377 ± 1.200 χ^2/NDF : 2043.3/26

All: -192.923 ± 0.853 χ^2/NDF : 3995.7/53

- sign -194.498 ± 1.212 χ^2/NDF : 1949.1/26

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 $\chi^2/\text{NDF}: 658.2/16$

Left Out: -66.650 ± 1.321 $\chi^2/\text{NDF}: 498.3/9$

Right Out: -72.612 ± 1.054 $\chi^2/\text{NDF}: 606.9/18$

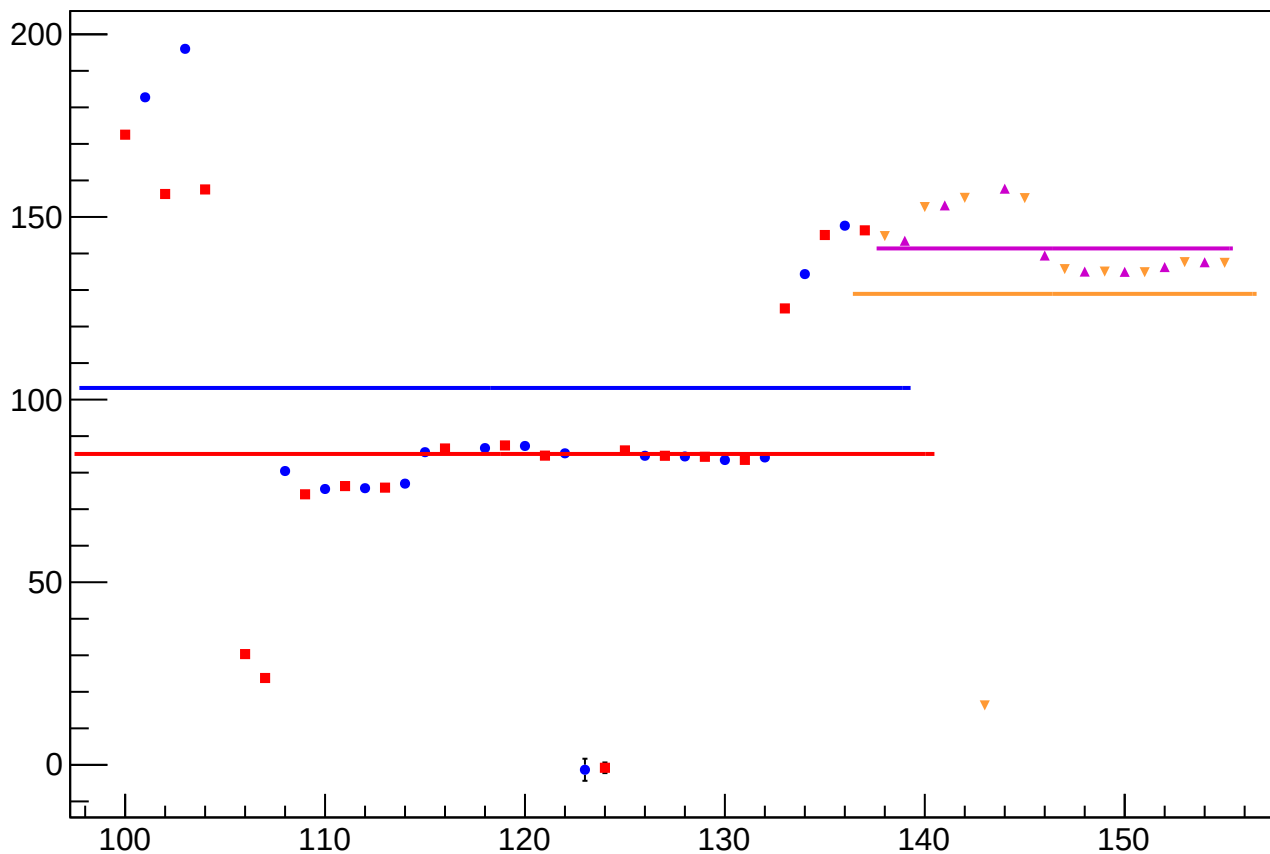
Left In: -72.011 ± 1.439 $\chi^2/\text{NDF}: 68.9/7$

+ sign -73.453 ± 0.829 $\chi^2/\text{NDF}: 1200.2/26$

All: -72.940 ± 0.594 $\chi^2/\text{NDF}: 1876.9/53$

- sign -72.402 ± 0.850 $\chi^2/\text{NDF}: 675.9/26$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 128.945 $\pm$ 0.067 χ^2 /NDF: 340972.3/9

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

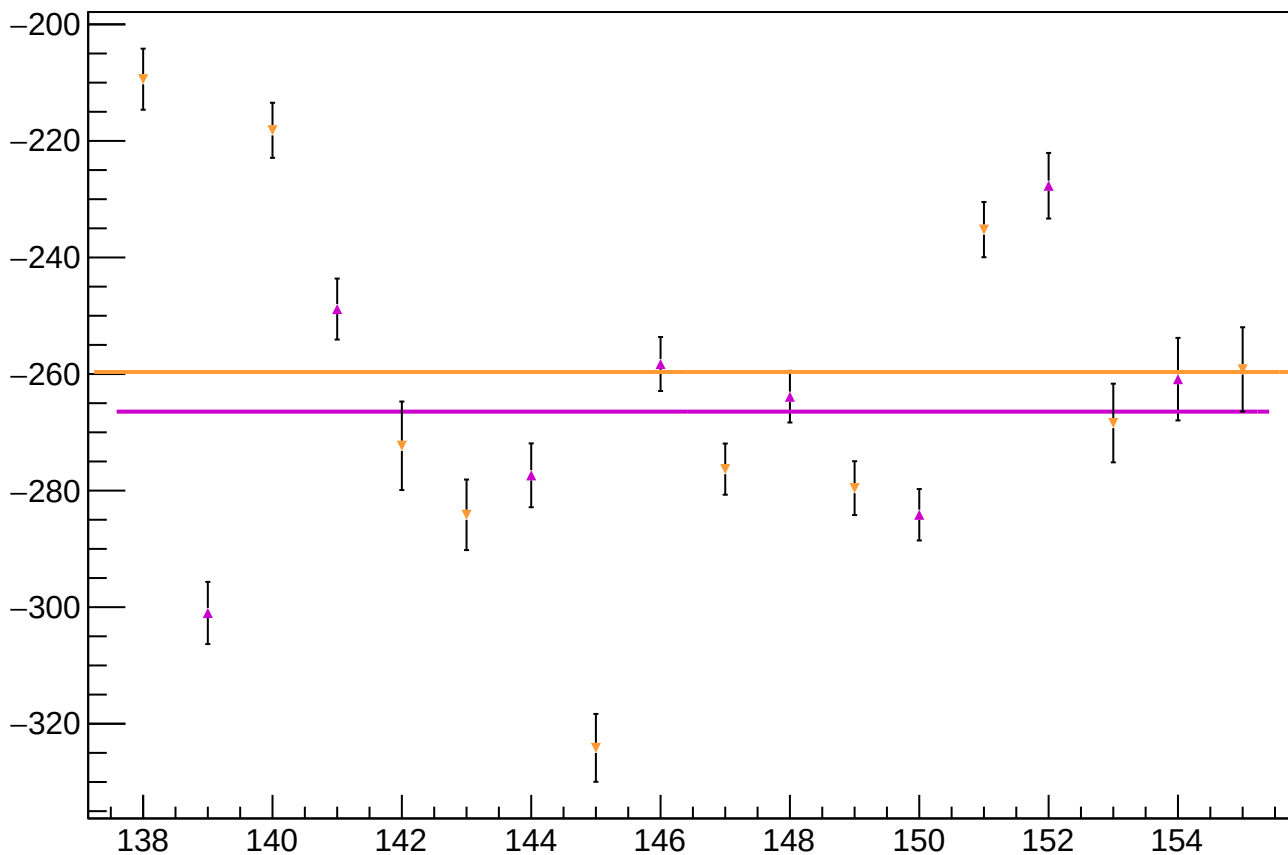
Left In: 141.380 $\pm$ 0.071 χ^2 /NDF: 11906.2/7

+ sign 116.650 $\pm$ 0.049 χ^2 /NDF: 684653.9/26

All: 113.358 $\pm$ 0.034 χ^2 /NDF: 1476788.1/53

- sign 110.222 $\pm$ 0.047 χ^2 /NDF: 783172.5/26

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -259.647+/-1.716 χ^2/NDF : 372.0/9

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

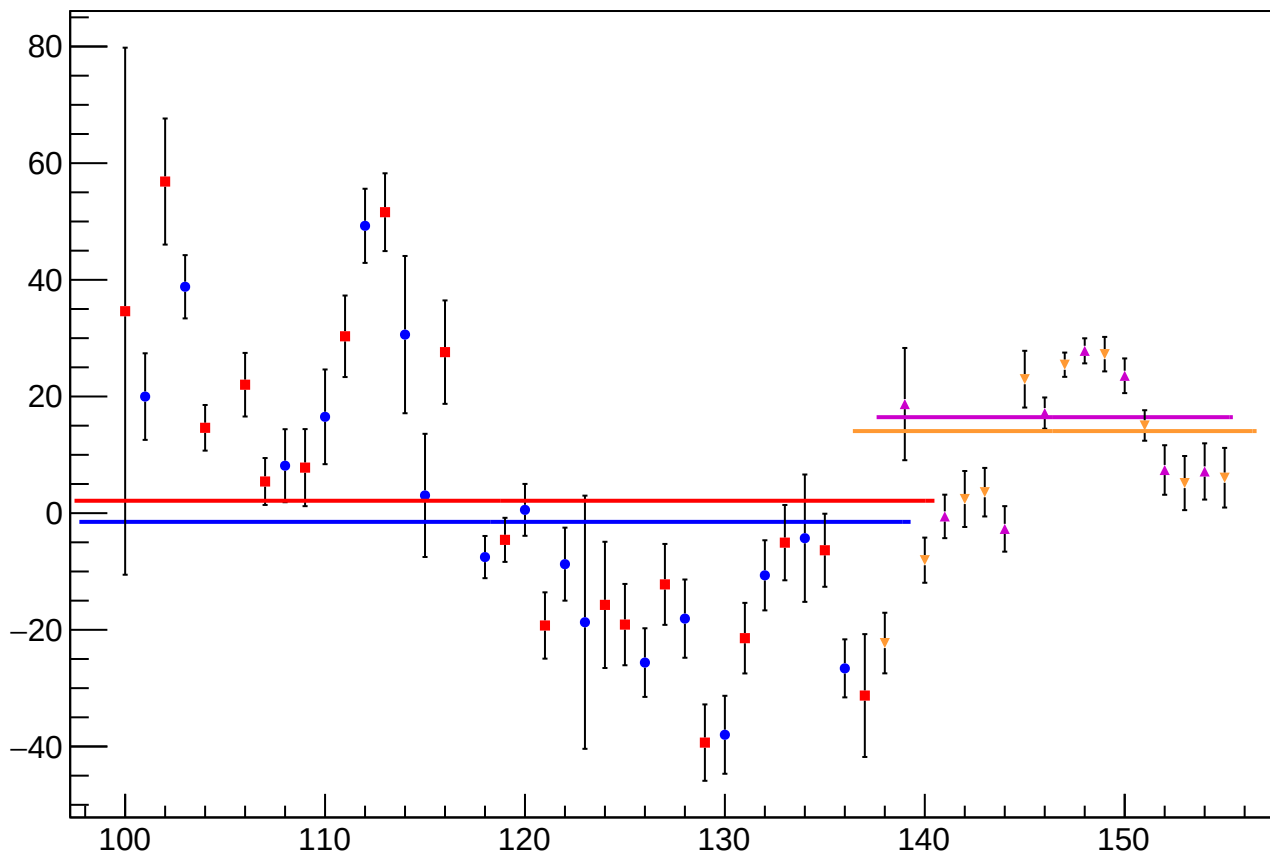
Left In: -266.448+/-1.809 χ^2/NDF : 124.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.868+/-1.245 χ^2/NDF : 504.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.492 ± 1.513 χ^2/NDF : 226.1/16

Left Out: 14.071 ± 1.102 χ^2/NDF : 153.2/9

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

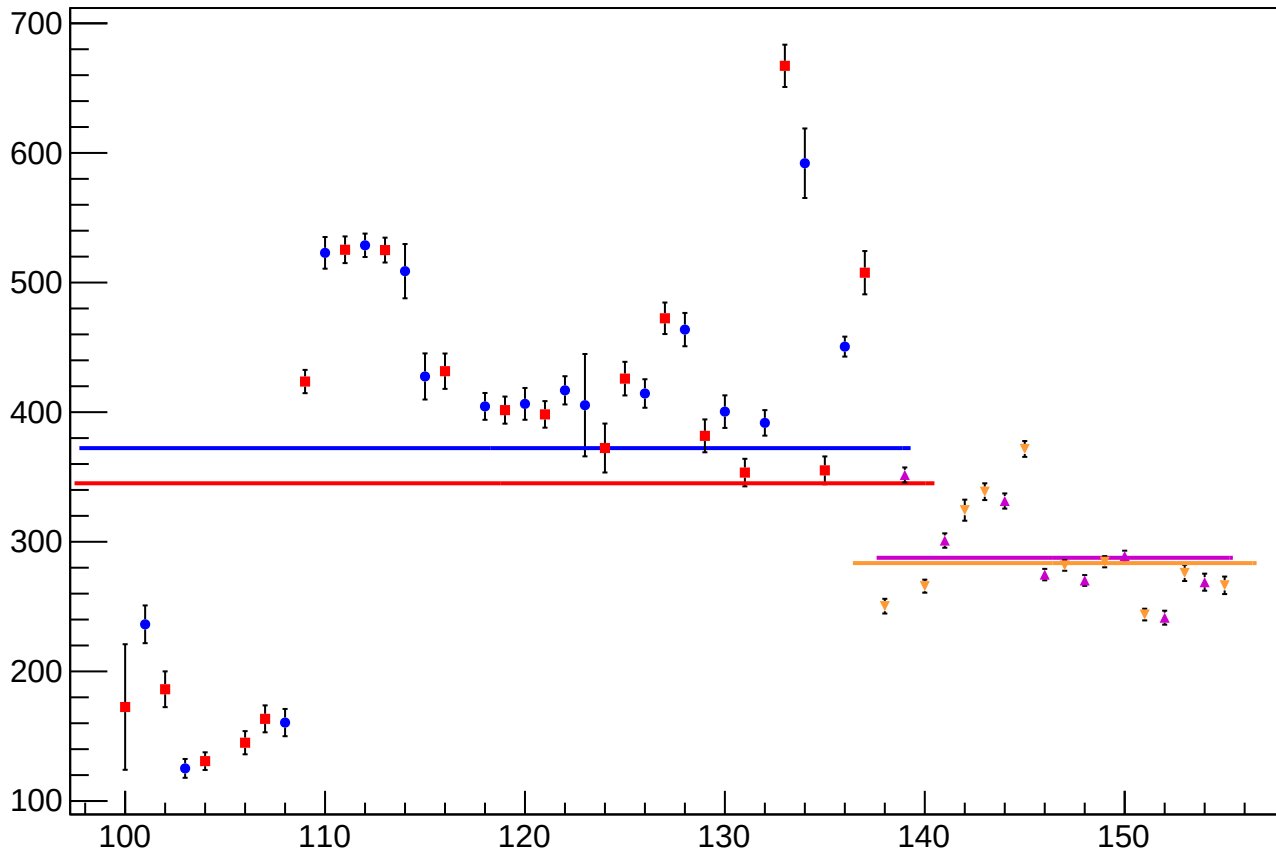
Left In: 16.456 ± 1.182 χ^2/NDF : 87.0/7

+ sign 8.678 ± 0.891 χ^2/NDF : 448.4/26

All: 9.578 ± 0.634 χ^2/NDF : 831.2/53

- sign 10.504 ± 0.904 χ^2/NDF : 380.7/26

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 ± 2.759 $\chi^2/\text{NDF}: 2433.1/16$

Left Out: 283.555 ± 1.700 $\chi^2/\text{NDF}: 437.9/9$

Right Out: 345.135 ± 2.562 $\chi^2/\text{NDF}: 3416.5/18$

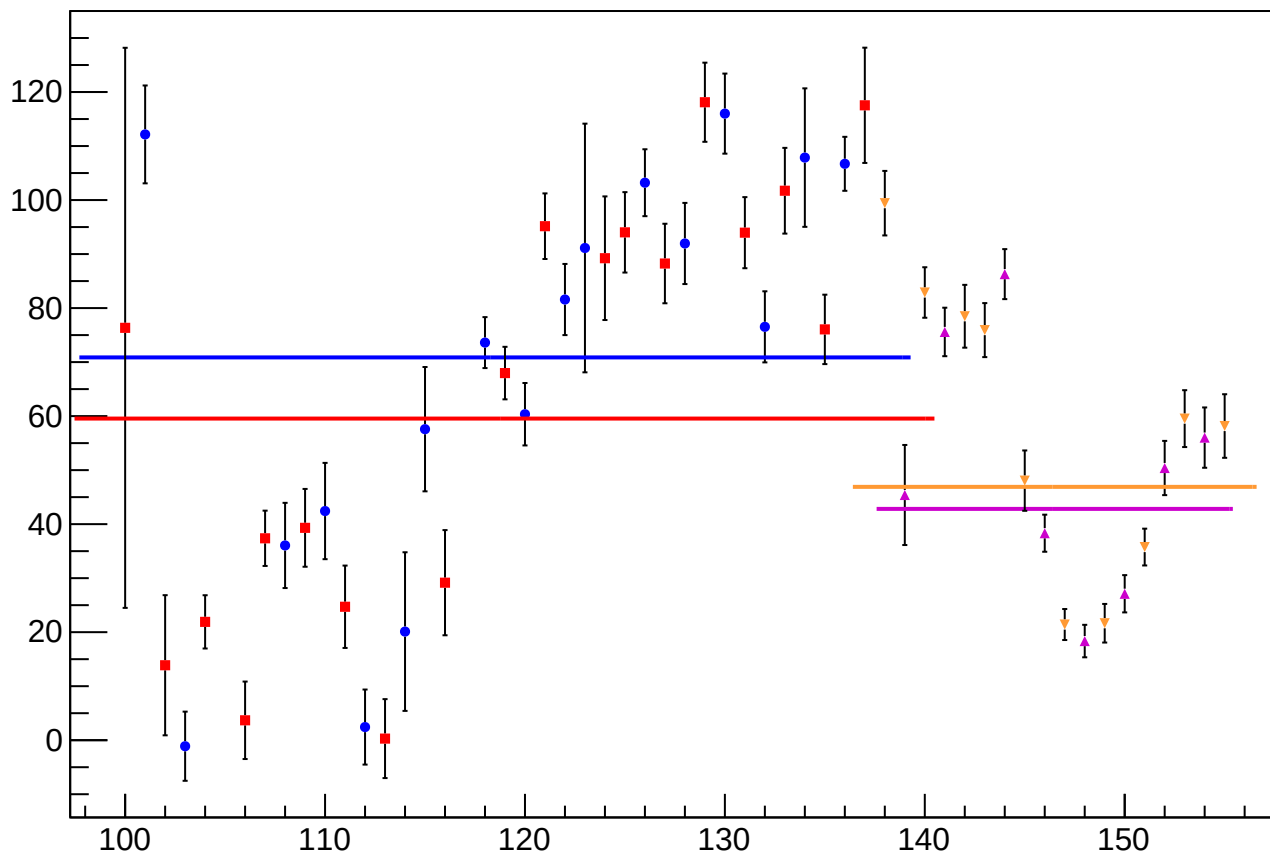
Left In: 287.658 ± 1.777 $\chi^2/\text{NDF}: 292.2/7$

+ sign 307.963 ± 1.447 $\chi^2/\text{NDF}: 3620.1/26$

All: 307.150 ± 1.028 $\chi^2/\text{NDF}: 7669.2/53$

- sign 306.322 ± 1.460 $\chi^2/\text{NDF}: 4048.5/26$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 46.902 $\pm$ 1.379 χ^2 /NDF: 348.7/9

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

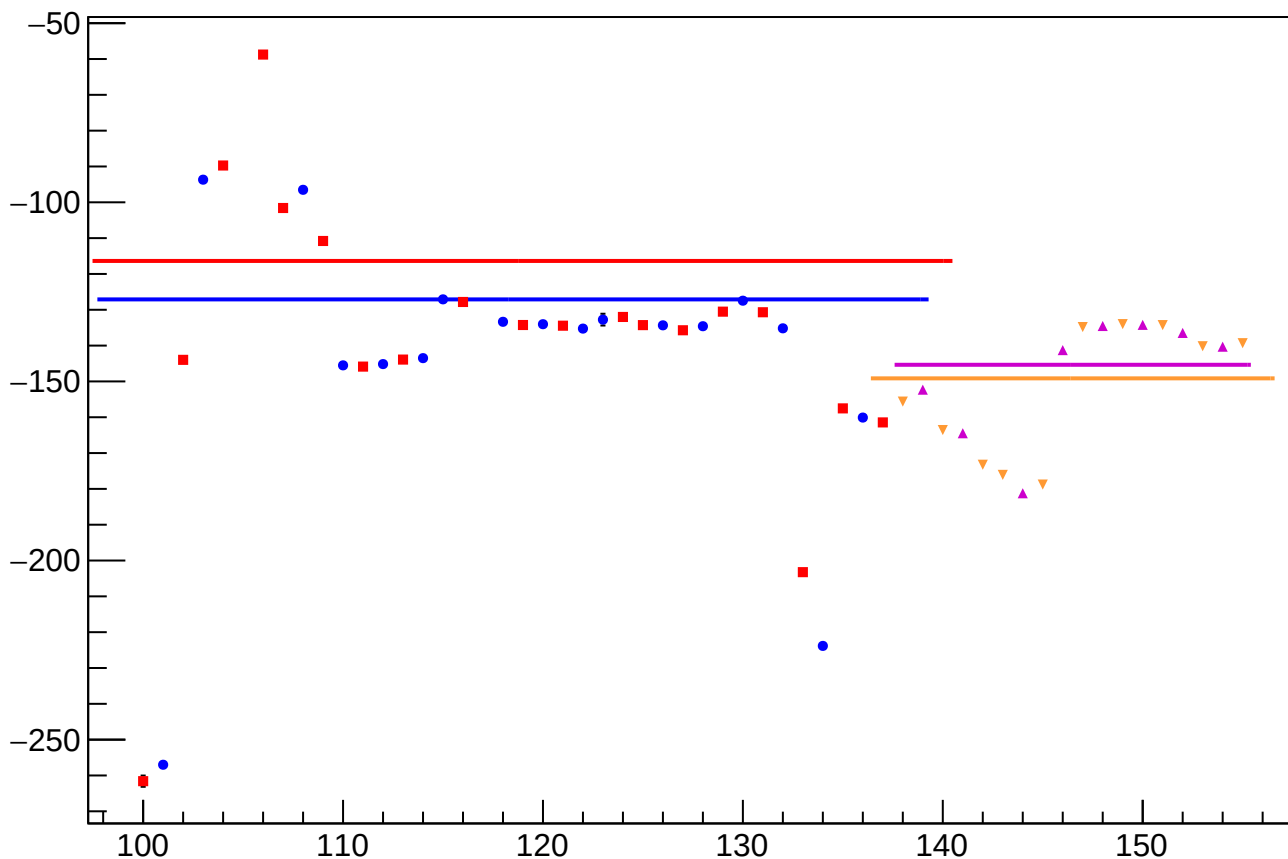
Left In: 42.823 $\pm$ 1.476 χ^2 /NDF: 238.0/7

+ sign 56.124 $\pm$ 1.081 χ^2 /NDF: 892.0/26

All: 53.269 $\pm$ 0.769 χ^2 /NDF: 1692.8/53

- sign 50.340 $\pm$ 1.095 χ^2 /NDF: 786.6/26

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 ± 0.089 $\chi^2/\text{NDF}: 167064.7/16$

Left Out: -149.146 ± 0.071 $\chi^2/\text{NDF}: 57567.5/9$

Right Out: -116.369 ± 0.083 $\chi^2/\text{NDF}: 167595.6/18$

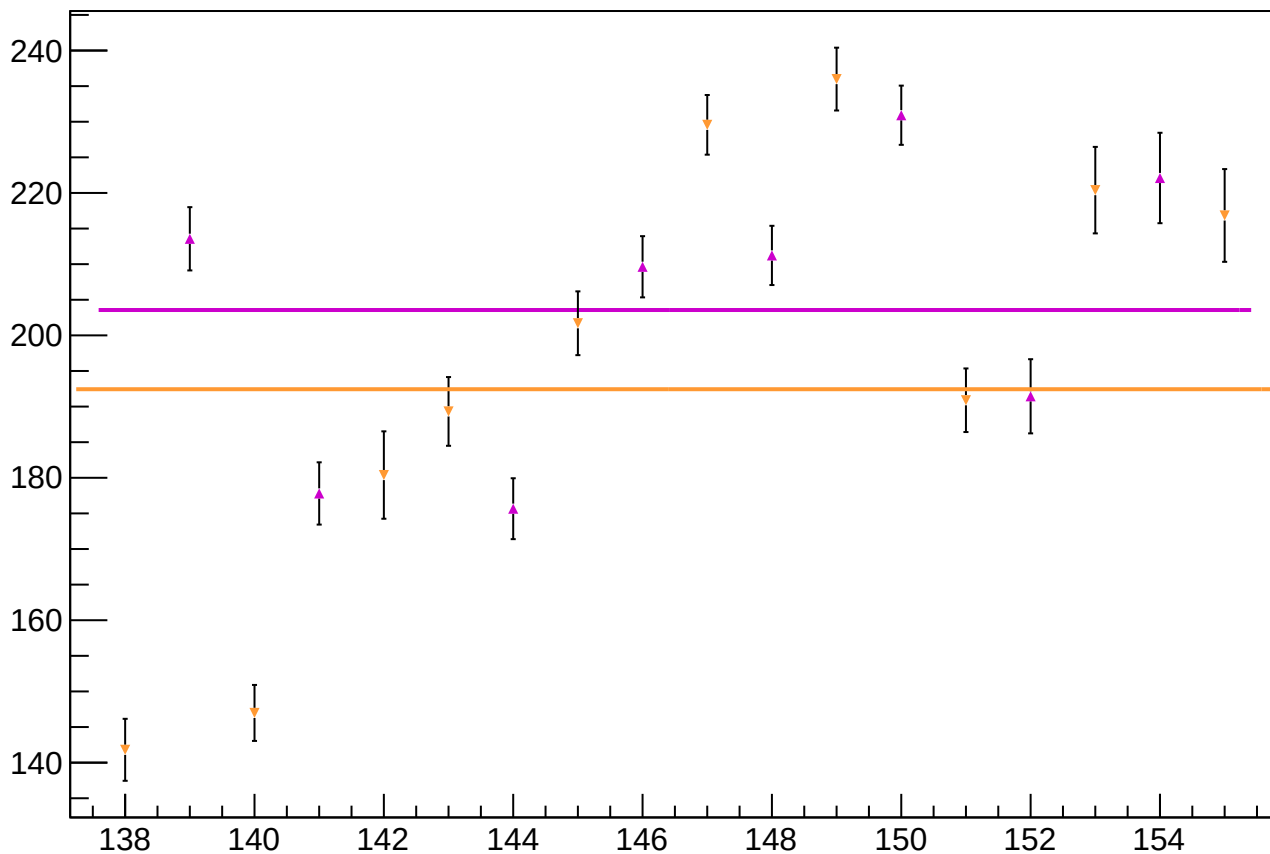
Left In: -145.357 ± 0.073 $\chi^2/\text{NDF}: 38278.8/7$

+ sign -140.696 ± 0.055 $\chi^2/\text{NDF}: 262086.9/26$

All: -136.650 ± 0.039 $\chi^2/\text{NDF}: 547312.2/53$

- sign -132.684 ± 0.055 $\chi^2/\text{NDF}: 274653.5/26$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 192.439+/-1.497 χ^2/NDF : 489.0/9

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

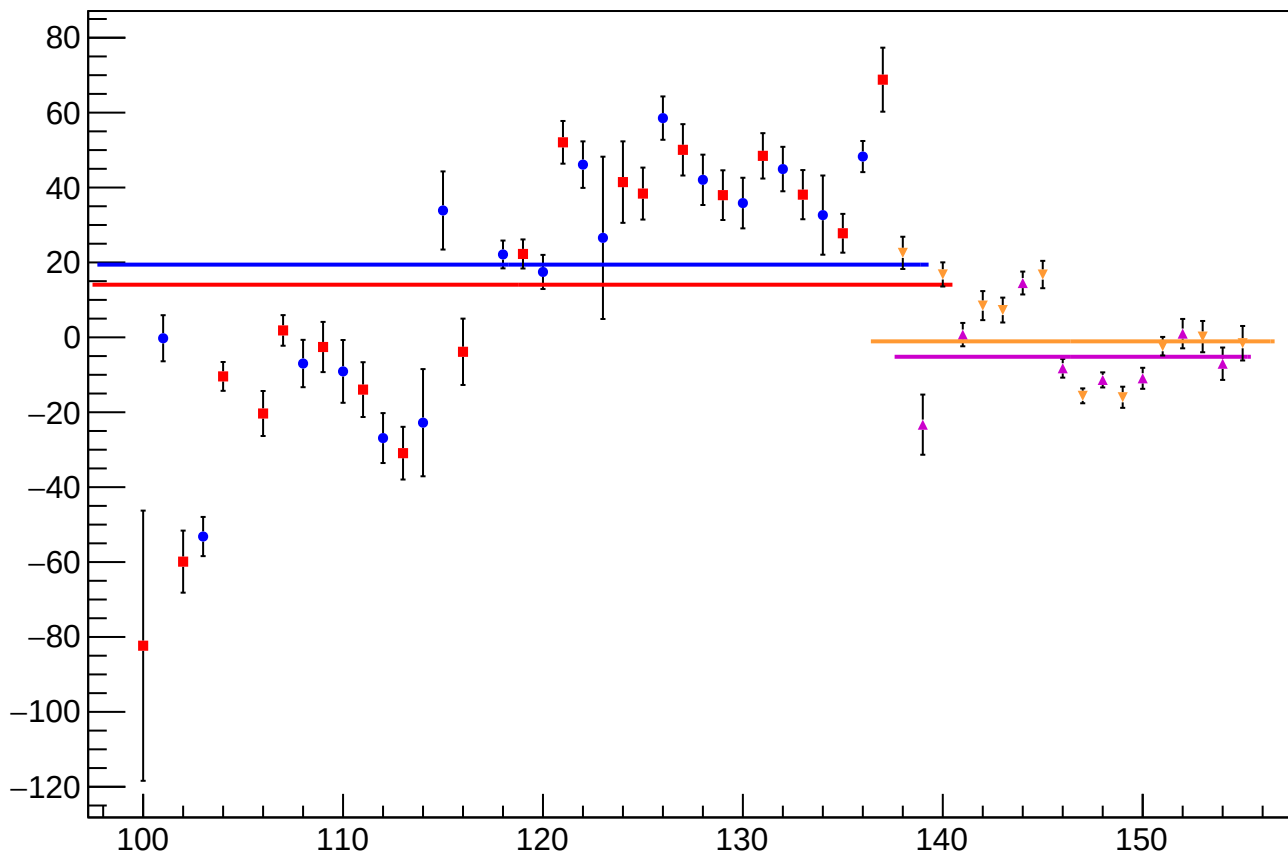
Left In: 203.563+/-1.603 χ^2/NDF : 145.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.622+/-1.094 χ^2/NDF : 659.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.416 ± 1.480 χ^2/NDF : 441.1/16

Left Out: -1.070 ± 0.986 χ^2/NDF : 179.1/9

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

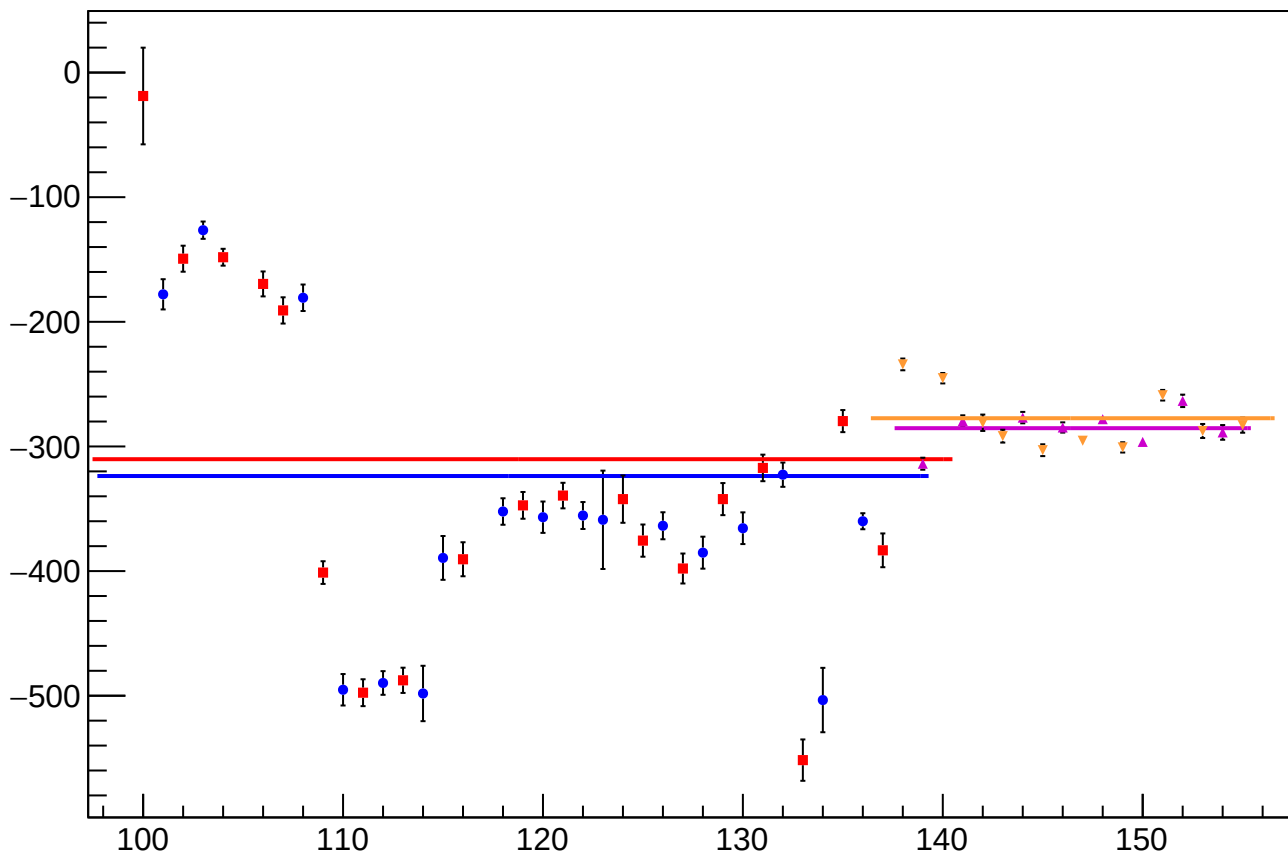
Left In: -5.186 ± 1.068 χ^2/NDF : 68.0/7

+ sign 5.228 ± 0.820 χ^2/NDF : 752.9/26

All: 3.639 ± 0.589 χ^2/NDF : 1385.5/53

- sign 1.944 ± 0.847 χ^2/NDF : 624.8/26

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -277.352 ± 1.499 χ^2/NDF : 256.4/9

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

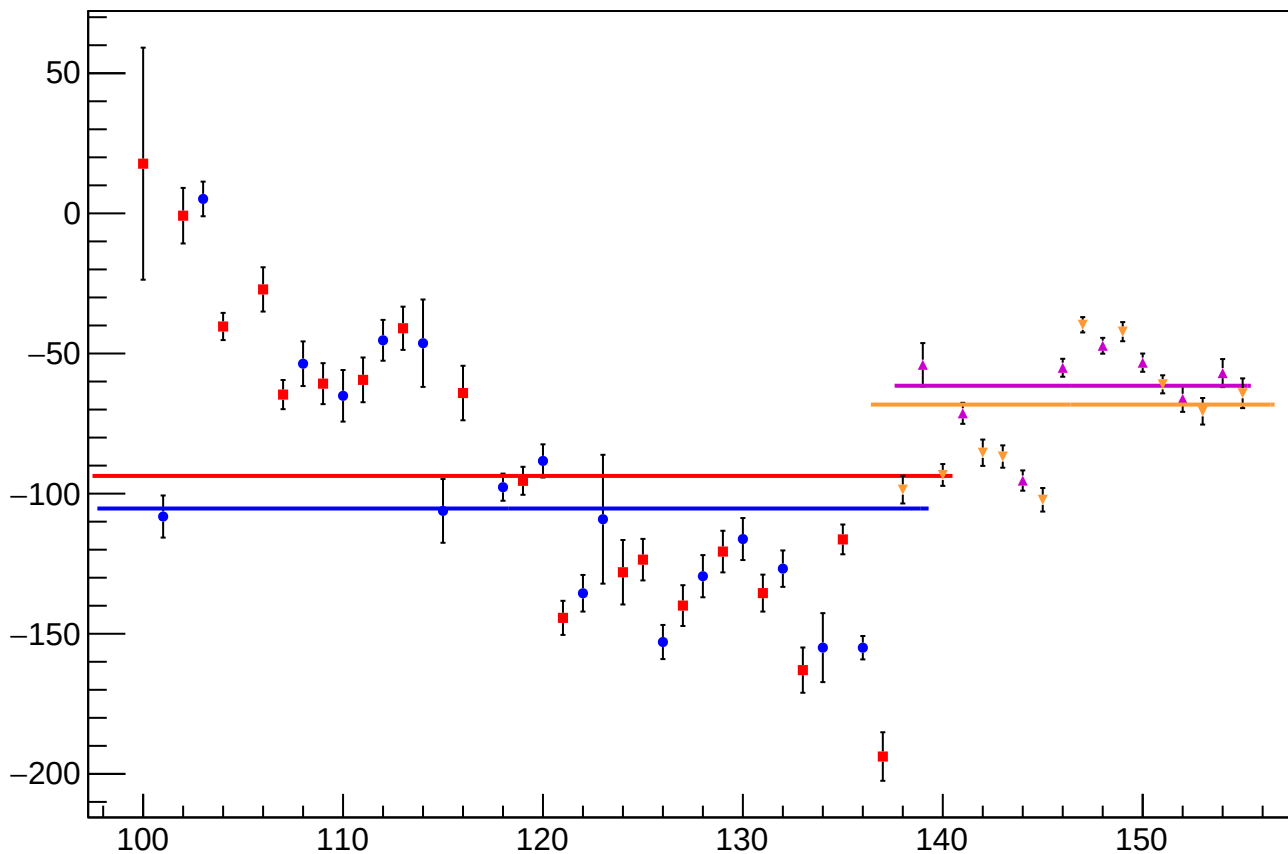
Left In: -285.337 ± 1.586 χ^2/NDF : 71.2/7

+ sign -288.474 ± 1.307 χ^2/NDF : 2336.7/26

All: -290.378 ± 0.936 χ^2/NDF : 4782.0/53

- sign -292.388 ± 1.343 χ^2/NDF : 2440.9/26

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309+/-1.693 χ^2/NDF : 737.5/16

Left Out: -68.223+/-1.224 χ^2/NDF : 351.7/9

Right Out: -93.680+/-1.612 χ^2/NDF : 826.5/18

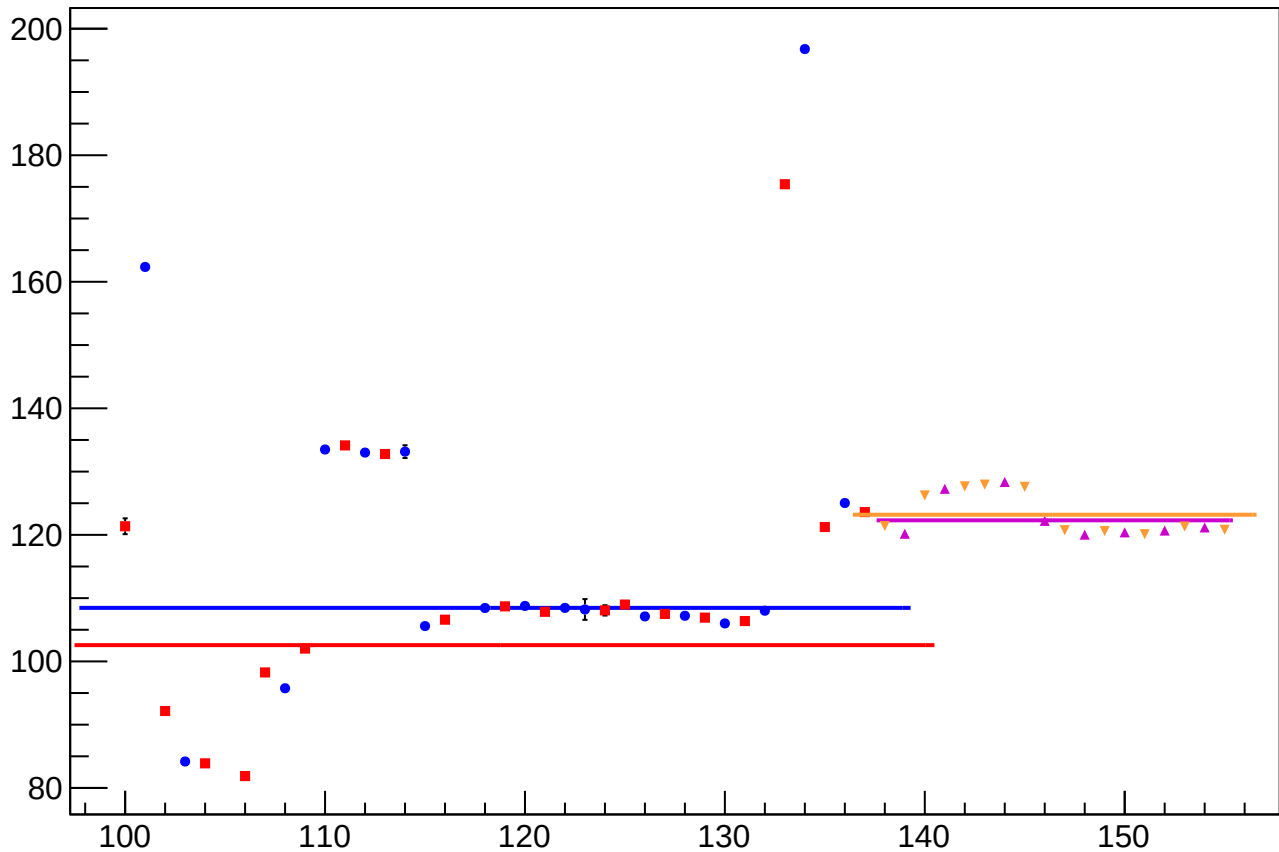
Left In: -61.503+/-1.327 χ^2/NDF : 133.0/7

+ sign -80.953+/-0.992 χ^2/NDF : 1404.2/26

All: -77.831+/-0.713 χ^2/NDF : 2621.8/53

- sign -74.502+/-1.024 χ^2/NDF : 1197.1/26

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461+/-0.085 χ^2/NDF : 73302.1/16

Left Out: 123.181+/-0.062 χ^2/NDF : 2620.6/9

Right Out: 102.570+/-0.079 χ^2/NDF : 53143.8/18

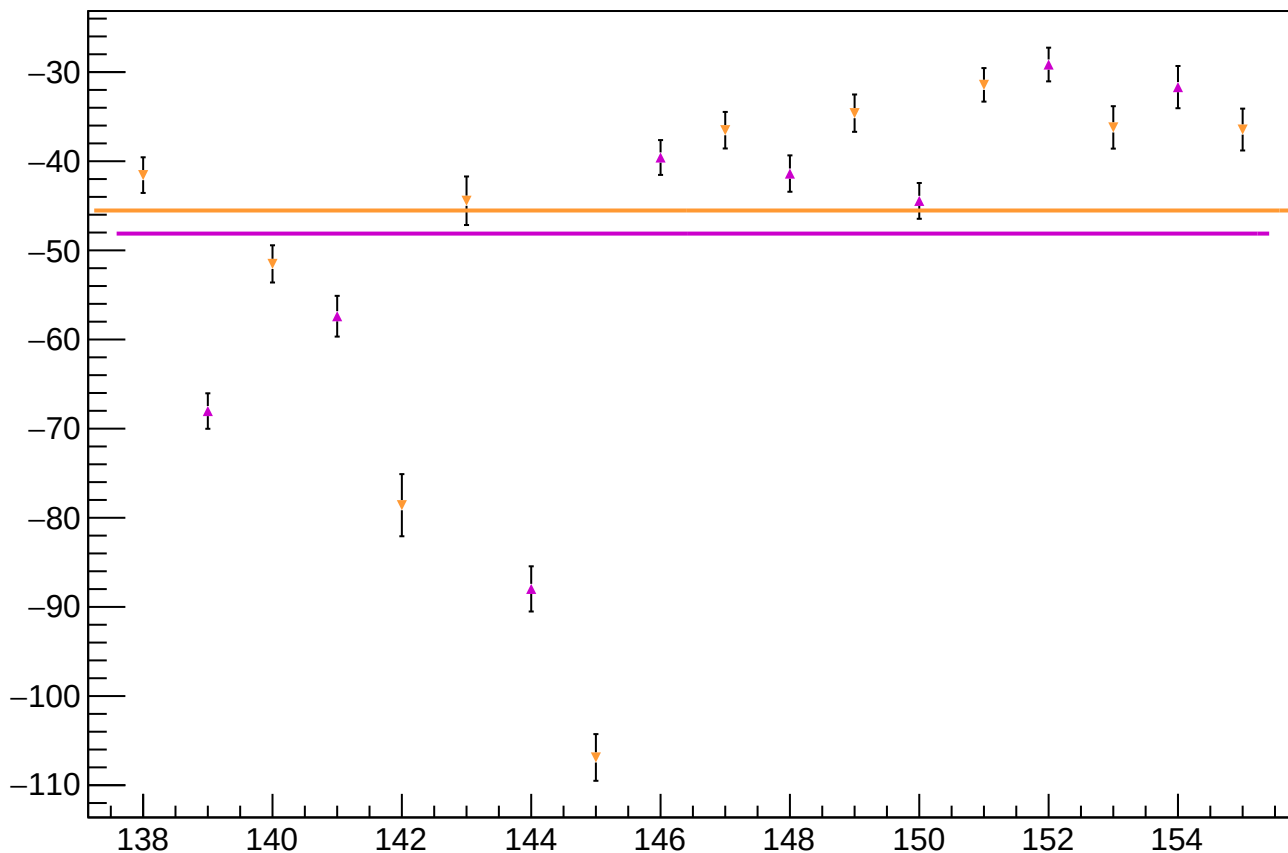
Left In: 122.297+/-0.065 χ^2/NDF : 2191.8/7

+ sign 118.068+/-0.050 χ^2/NDF : 95628.4/26

All: 116.242+/-0.035 χ^2/NDF : 190580.7/53

- sign 114.386+/-0.050 χ^2/NDF : 92254.1/26

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -45.527+/-0.716 χ^2/NDF : 784.0/9

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

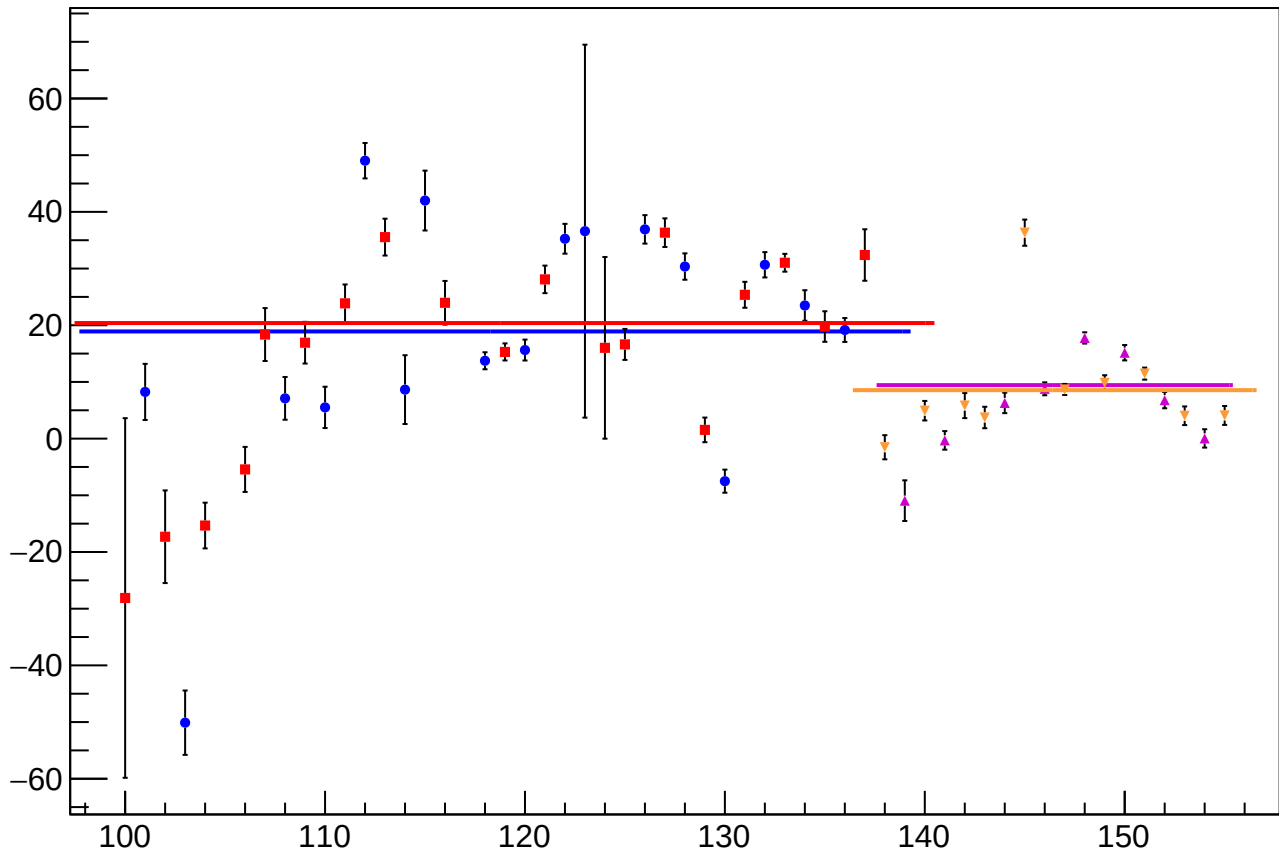
Left In: -48.118+/-0.744 χ^2/NDF : 545.7/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.774+/-0.516 χ^2/NDF : 1336.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 $\pm$ 0.644 χ^2 /NDF: 618.9/16

Left Out: 8.549 $\pm$ 0.474 χ^2 /NDF: 202.5/9

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

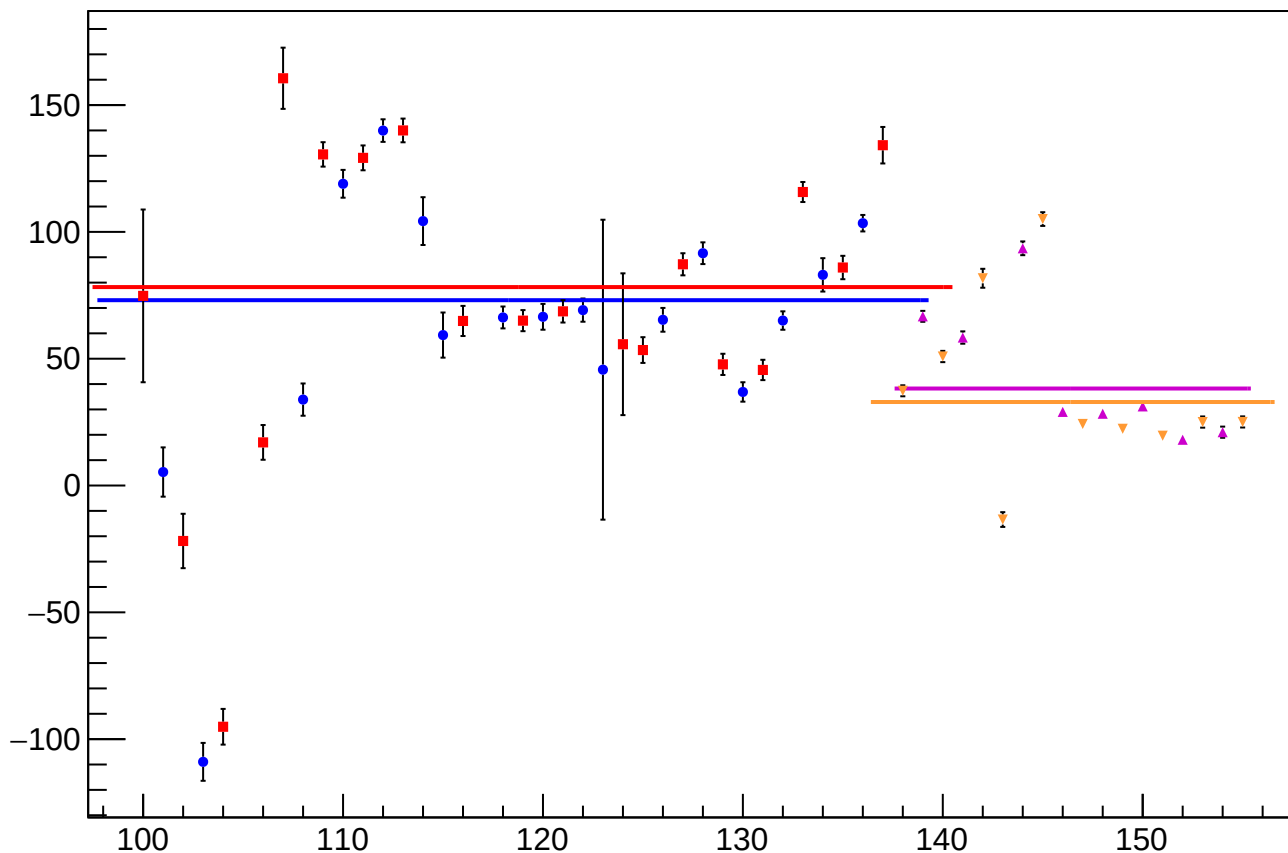
Left In: 9.436 $\pm$ 0.503 χ^2 /NDF: 196.1/7

+ sign 12.195 $\pm$ 0.382 χ^2 /NDF: 989.3/26

All: 12.866 $\pm$ 0.275 χ^2 /NDF: 1736.8/53

- sign 13.590 $\pm$ 0.396 χ^2 /NDF: 741.1/26

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 32.930 $\pm$ 0.708 χ^2 /NDF:1335.5/9

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

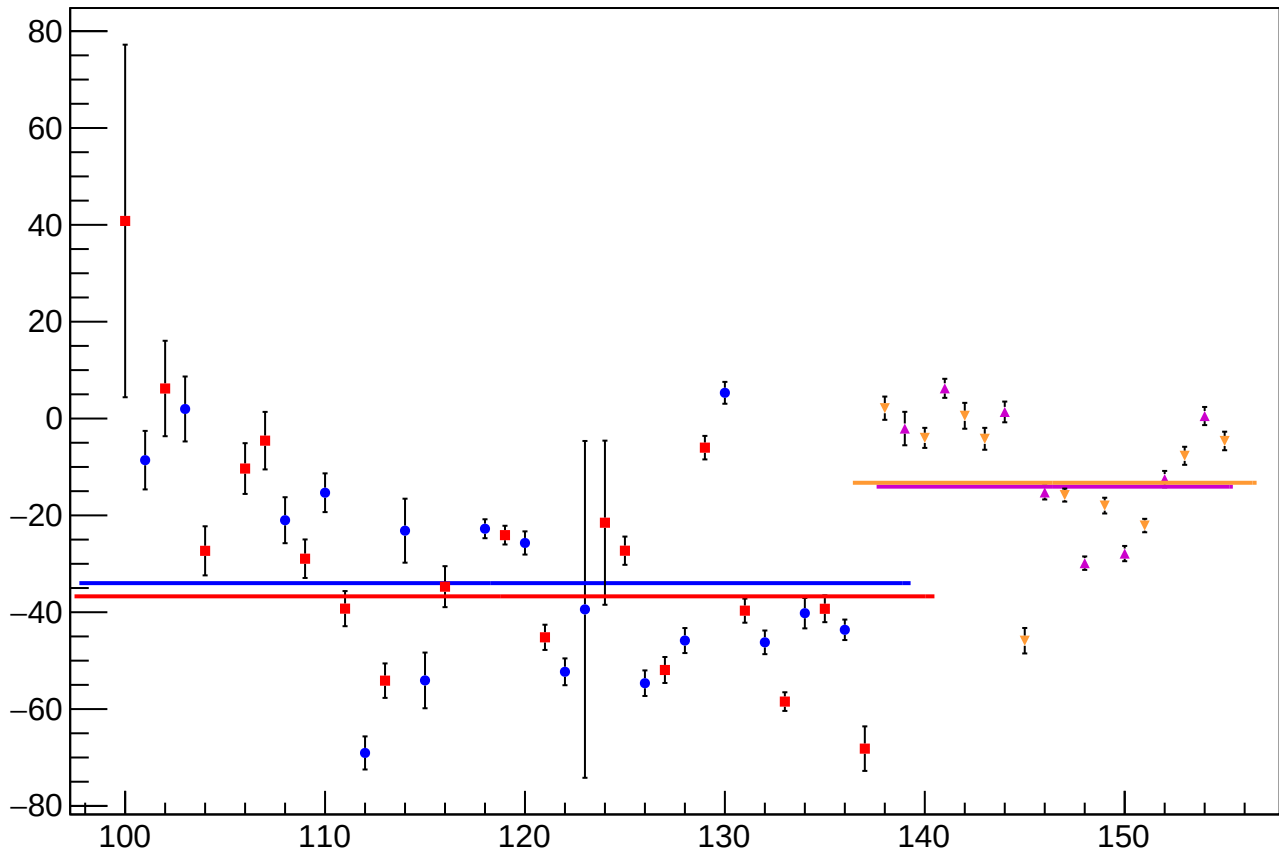
Left In: 38.243 $\pm$ 0.730 χ^2 /NDF:909.5/7

+ sign 42.943 $\pm$ 0.613 χ^2 /NDF: 3337.7/26

All: 45.789 $\pm$ 0.438 χ^2 /NDF: 6622.7/53

- sign 48.765 $\pm$ 0.627 χ^2 /NDF: 3240.9/26

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -13.264 ± 0.587 χ^2/NDF : 339.6/9

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

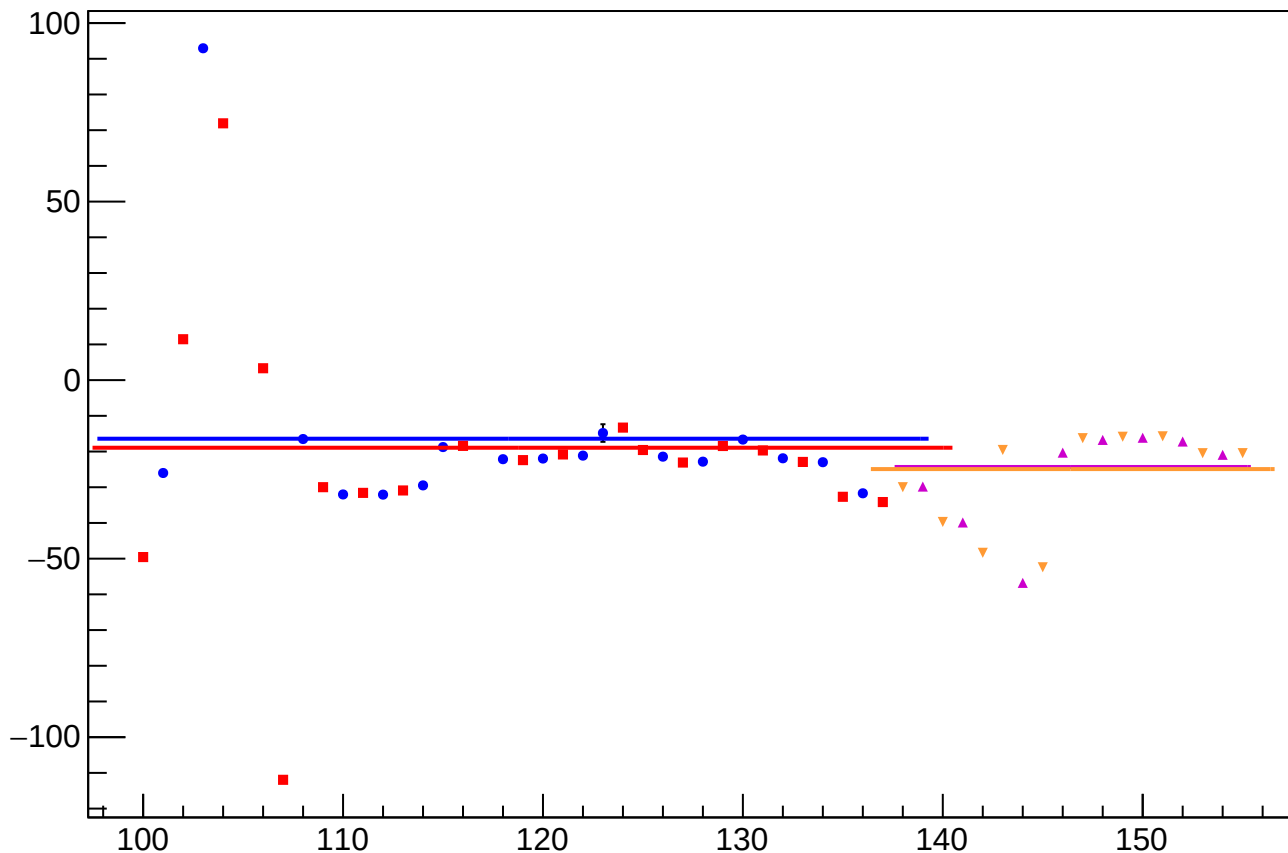
Left In: -14.065 ± 0.622 χ^2/NDF : 439.3/7

+ sign -21.321 ± 0.459 χ^2/NDF : 1543.9/26

All: -22.368 ± 0.330 χ^2/NDF : 3088.9/53

- sign -23.490 ± 0.475 χ^2/NDF : 1534.3/26

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -24.916 ± 0.029 $\chi^2/\text{NDF}: 160810.5/9$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

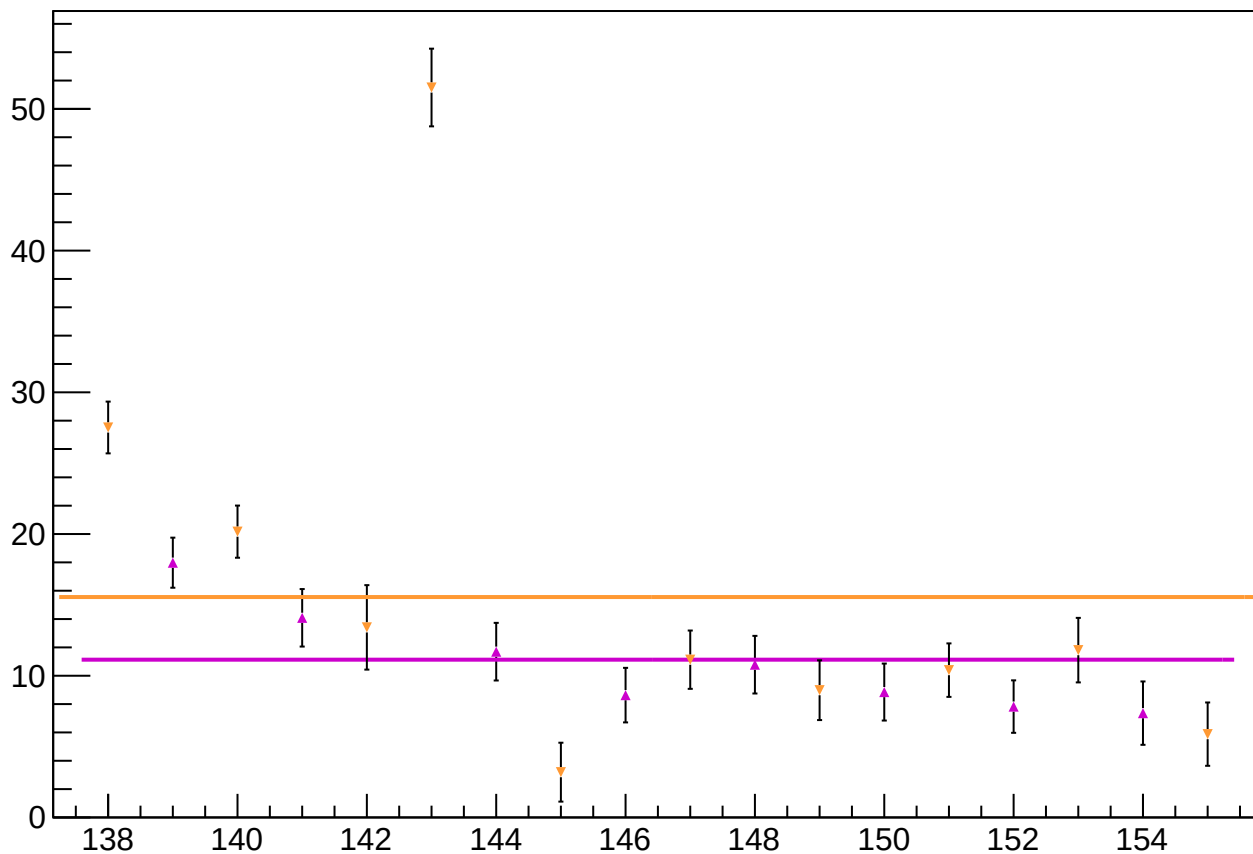
Left In: -24.324 ± 0.030 $\chi^2/\text{NDF}: 137606.2/7$

+ sign -22.411 ± 0.024 $\chi^2/\text{NDF}: 661063.9/26$

All: -22.557 ± 0.017 $\chi^2/\text{NDF}: 1242843.9/53$

- sign -22.711 ± 0.025 $\chi^2/\text{NDF}: 581704.9/26$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 15.554+/-0.673 χ^2 /NDF:300.3/9

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

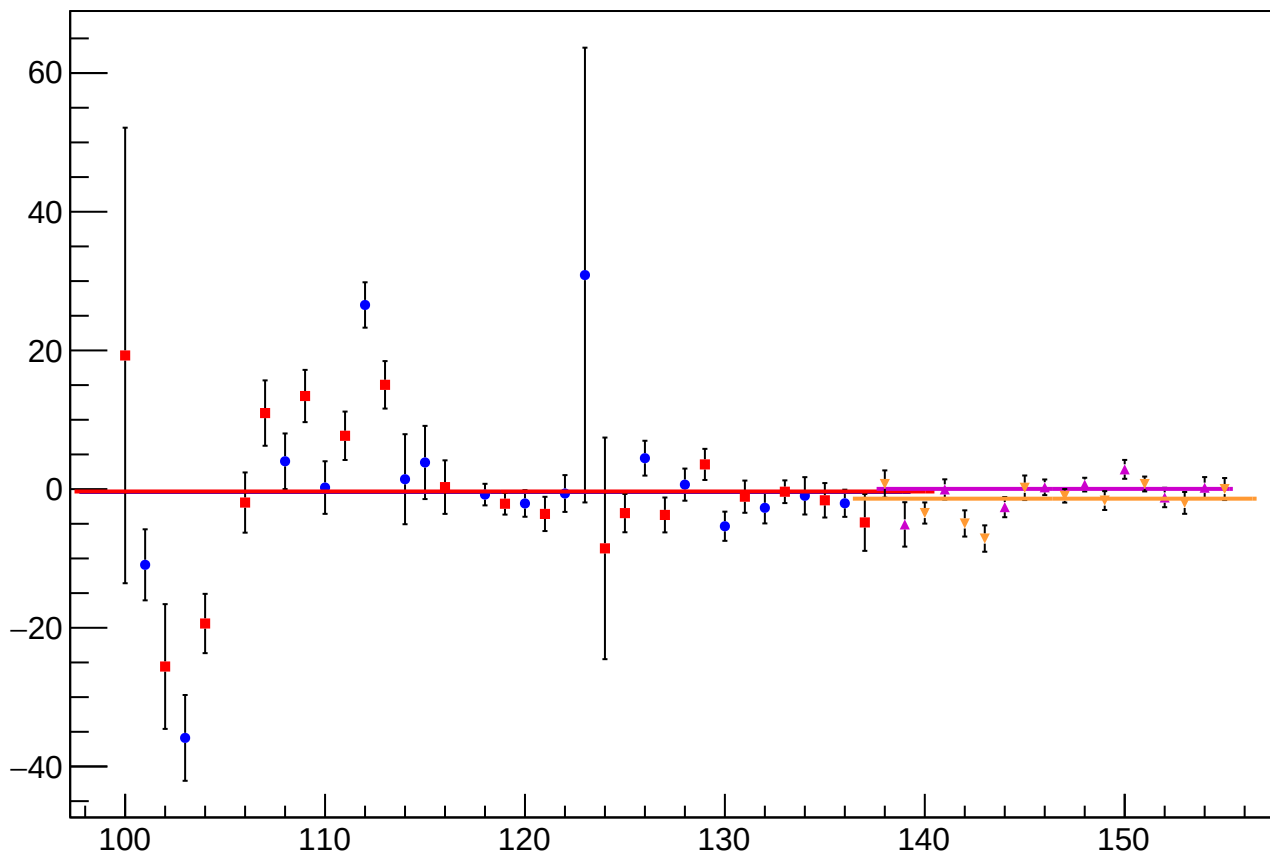
Left In: 11.134+/-0.697 χ^2 /NDF:26.3/7

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 13.422+/-0.484 χ^2 /NDF: 347.4/17

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.414 ± 0.653 χ^2/NDF : 119.9/16

Left Out: -1.378 ± 0.455 χ^2/NDF : 21.5/9

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

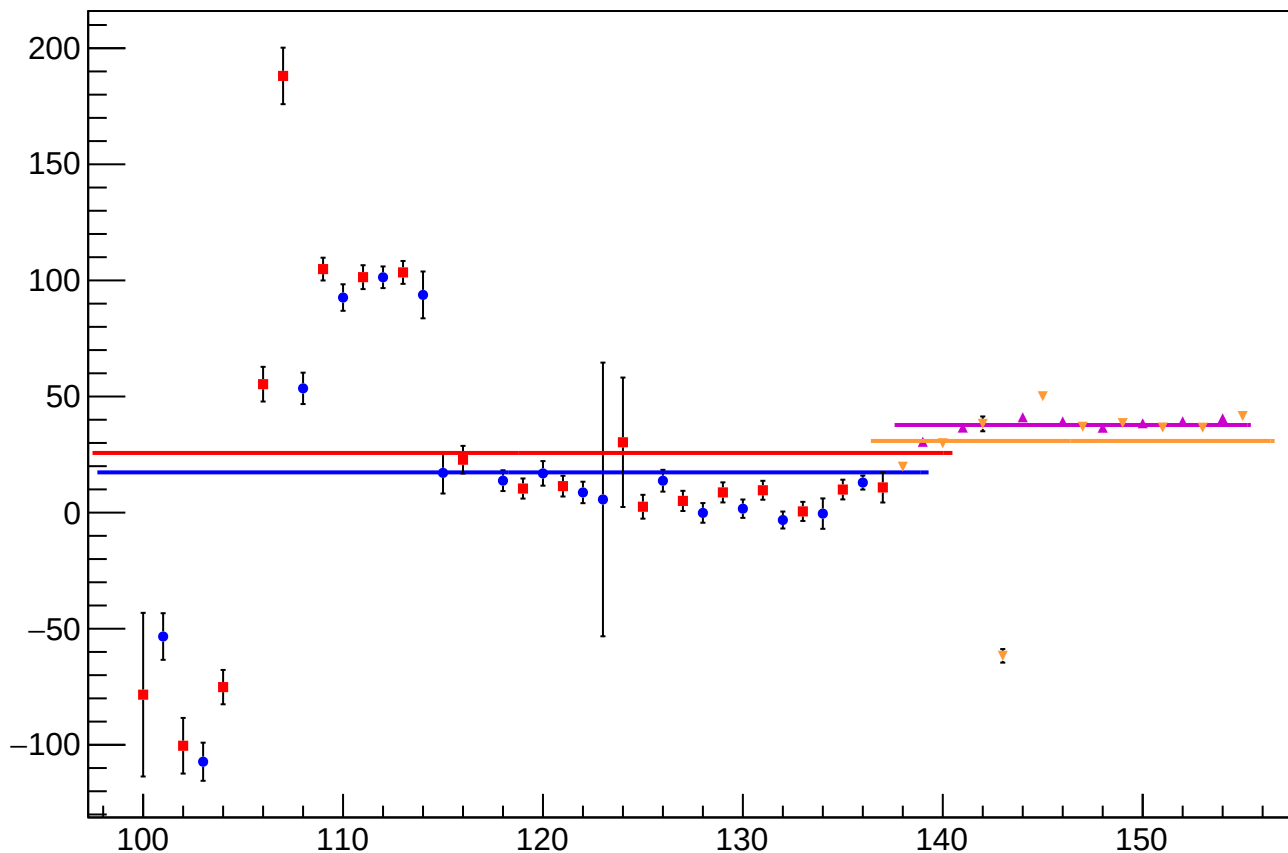
Left In: 0.031 ± 0.481 χ^2/NDF : 11.3/7

+ sign -1.063 ± 0.374 χ^2/NDF : 142.9/26

All: -0.600 ± 0.269 χ^2/NDF : 241.4/53

- sign -0.099 ± 0.388 χ^2/NDF : 95.2/26

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328+/-1.239 χ^2/NDF : 943.2/16

Left Out: 30.873+/-0.670 χ^2/NDF : 1184.1/9

Right Out: 25.701+/-1.243 χ^2/NDF : 1379.1/18

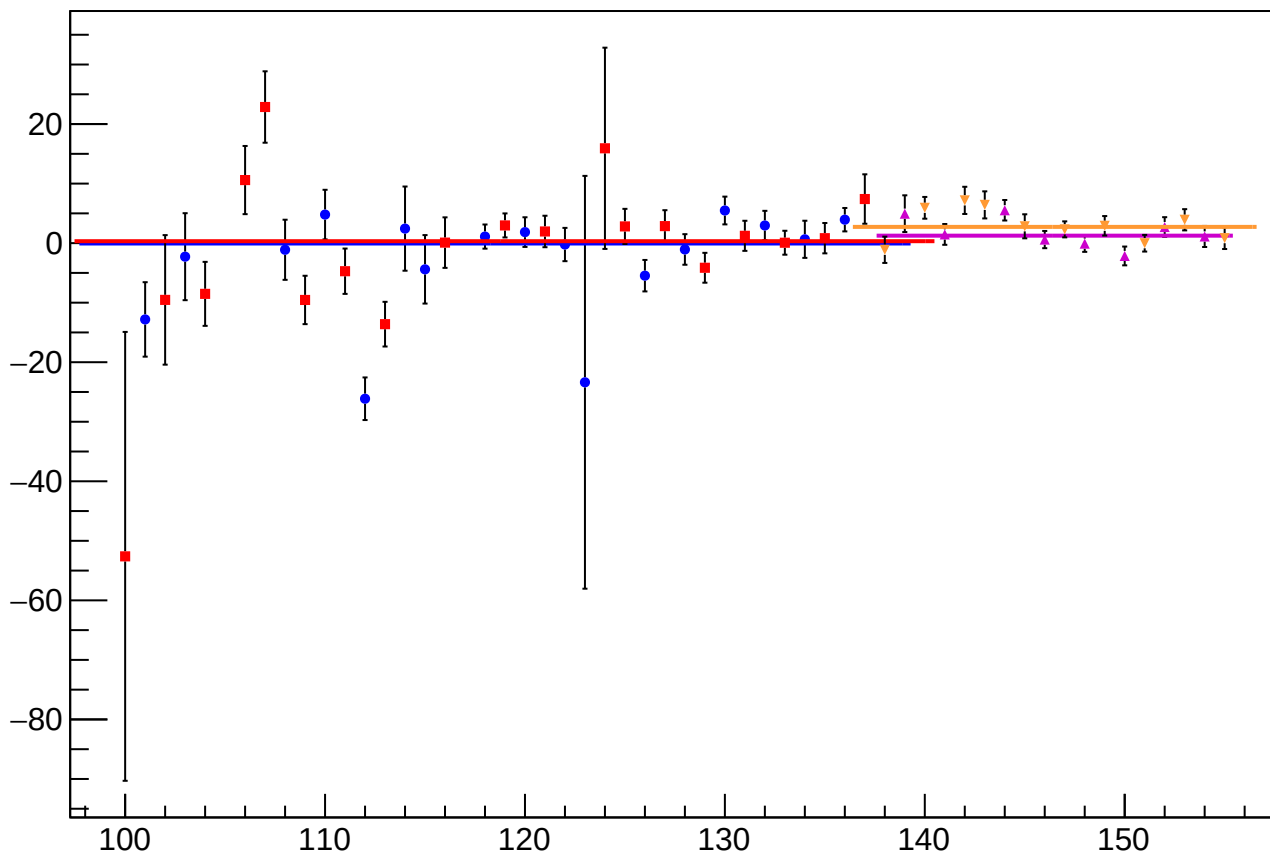
Left In: 37.743+/-0.690 χ^2/NDF : 20.9/7

+ sign 27.809+/-0.589 χ^2/NDF : 2219.8/26

All: 31.275+/-0.421 χ^2/NDF : 3762.5/53

- sign 34.907+/-0.603 χ^2/NDF : 1471.8/26

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 2.729 ± 0.560 χ^2/NDF : 18.1/9

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

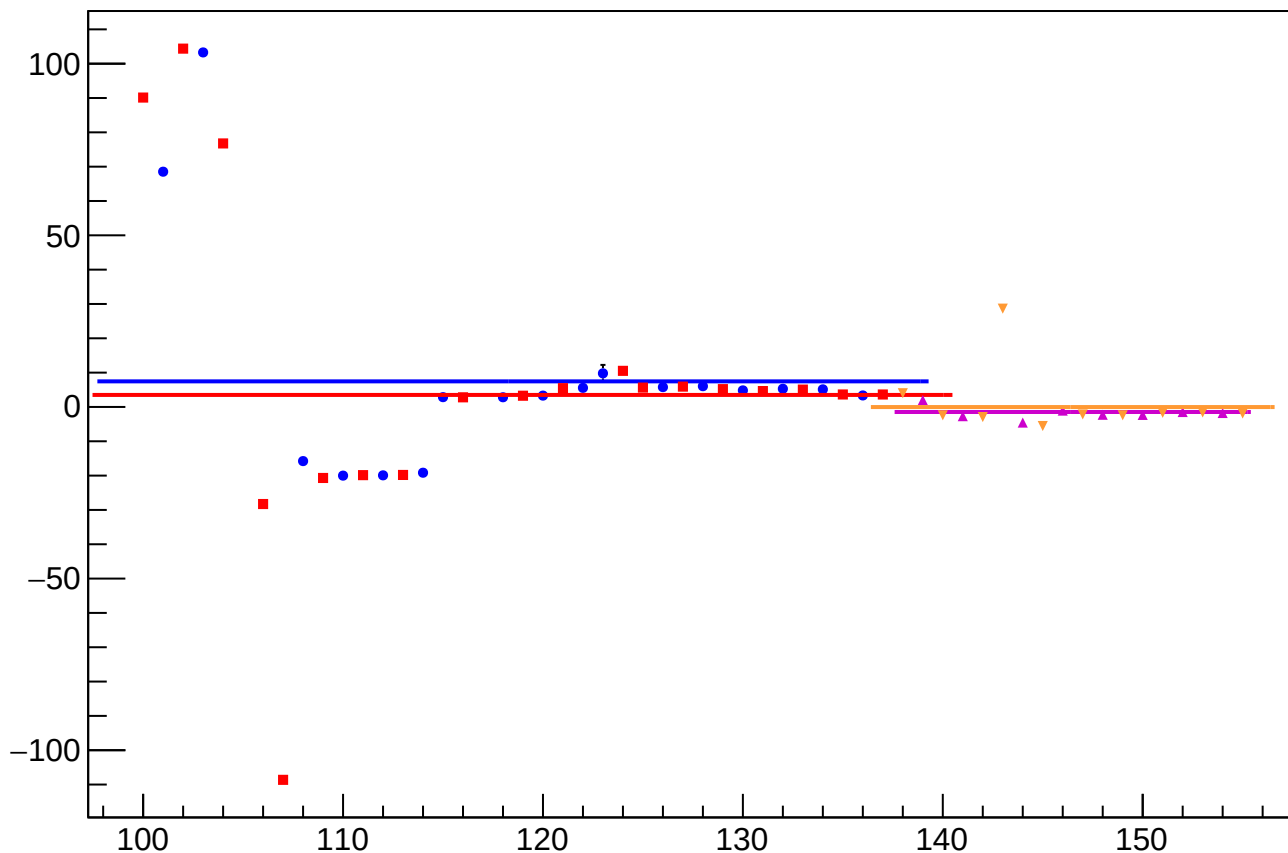
Left In: 1.255 ± 0.591 χ^2/NDF : 14.2/7

+ sign 1.720 ± 0.447 χ^2/NDF : 103.6/26

All: 1.324 ± 0.322 χ^2/NDF : 175.4/53

- sign 0.899 ± 0.464 χ^2/NDF : 70.2/26

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 $\chi^2/\text{NDF}: 356053.3/16$

Left Out: -0.032 ± 0.027 $\chi^2/\text{NDF}: 71078.2/9$

Right Out: 3.502 ± 0.046 $\chi^2/\text{NDF}: 510579.7/18$

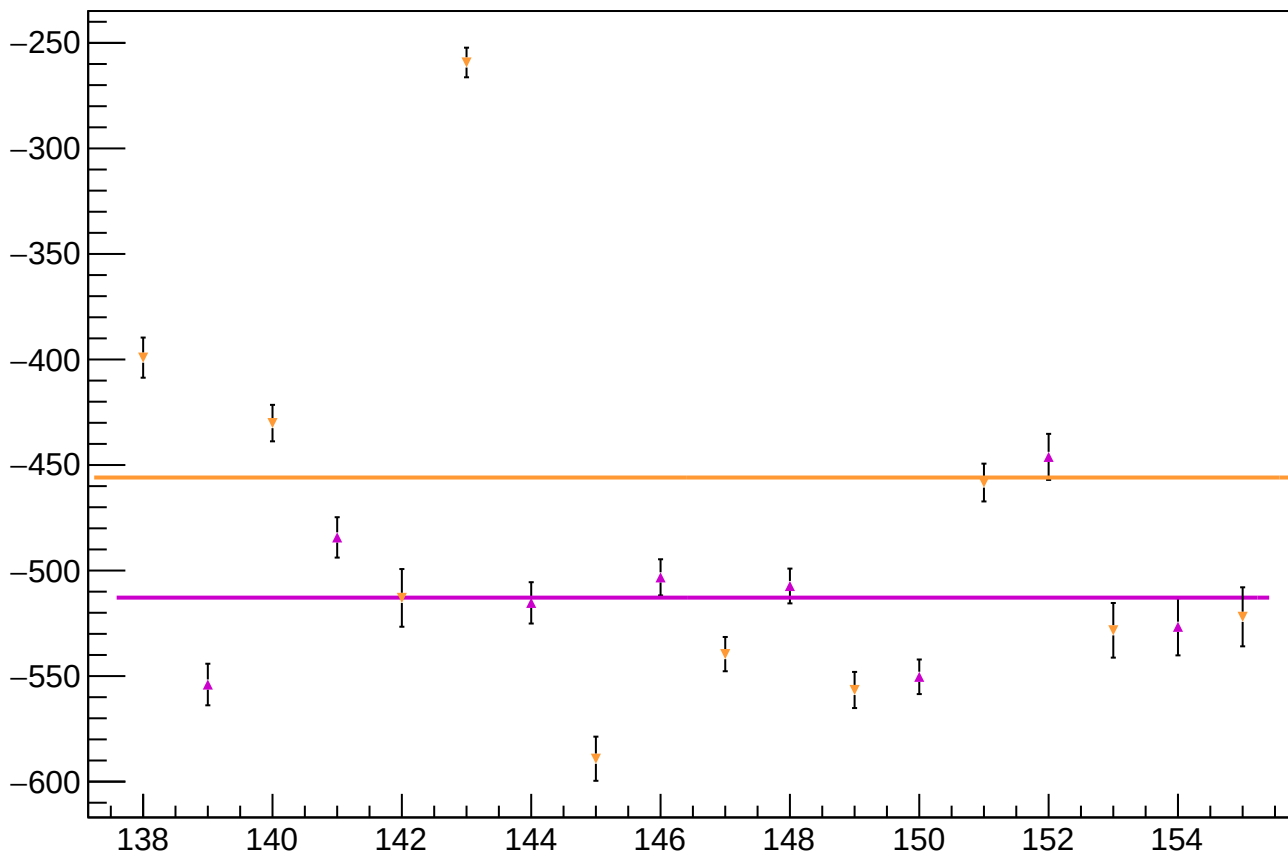
Left In: -1.469 ± 0.028 $\chi^2/\text{NDF}: 4151.4/7$

+ sign 1.989 ± 0.023 $\chi^2/\text{NDF}: 447868.1/26$

All: 0.965 ± 0.017 $\chi^2/\text{NDF}: 975318.5/53$

- sign -0.118 ± 0.024 $\chi^2/\text{NDF}: 523404.6/26$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -455.922+/-2.993 χ^2/NDF :1307.4/9

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

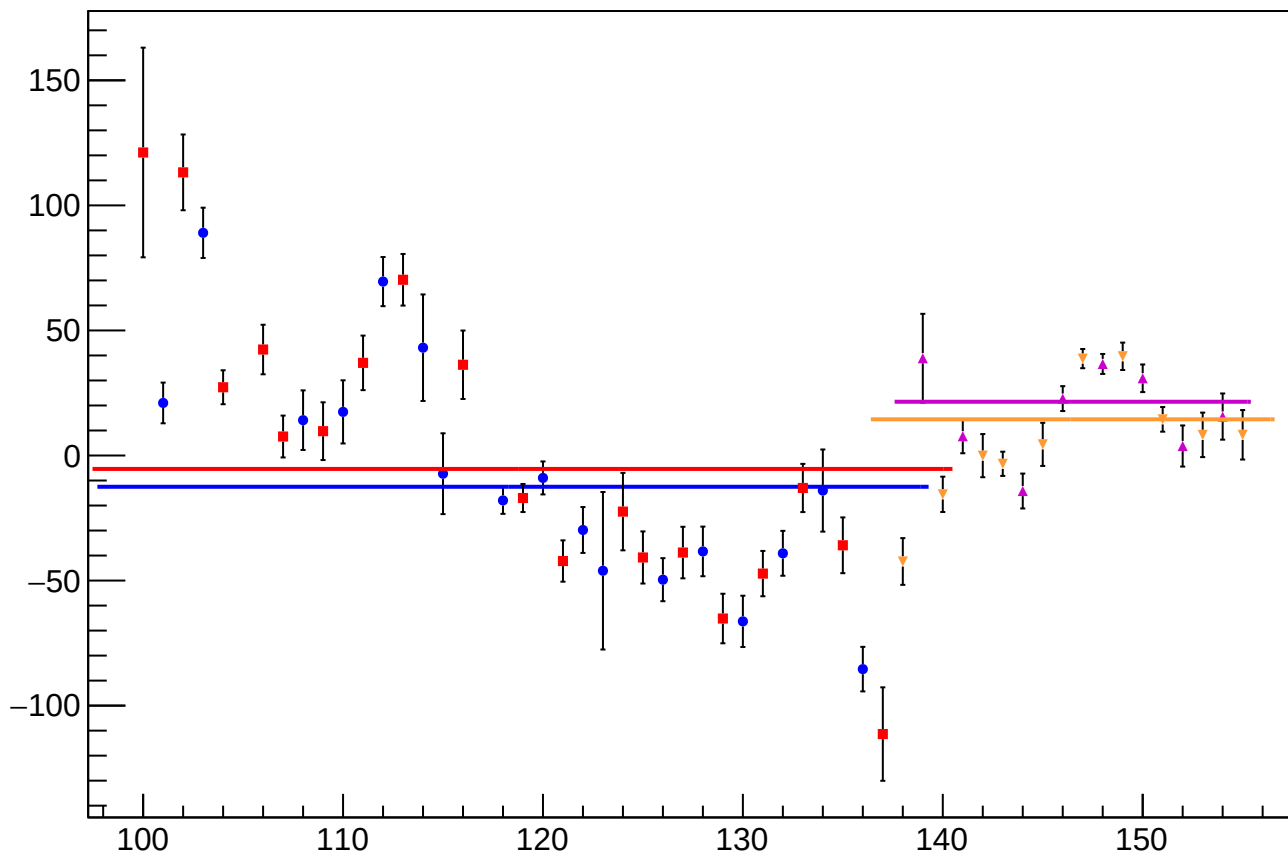
Left In: -512.830+/-3.357 χ^2/NDF :87.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -481.126+/-2.234 χ^2/NDF : 1554.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.500 ± 2.311 χ^2/NDF : 341.1/16

Left Out: 14.463 ± 1.939 χ^2/NDF : 134.6/9

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

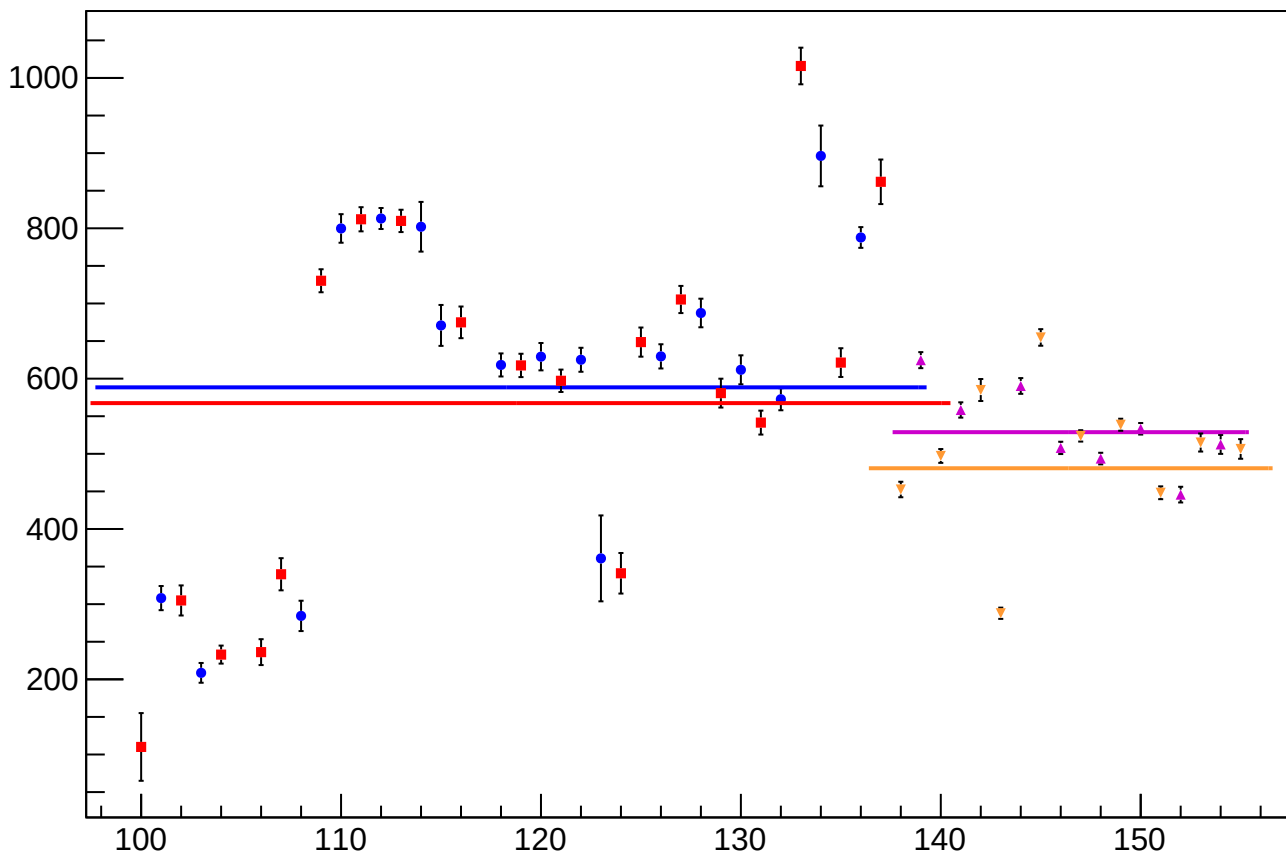
Left In: 21.495 ± 2.194 χ^2/NDF : 53.6/7

+ sign 3.324 ± 1.485 χ^2/NDF : 555.6/26

All: 5.755 ± 1.081 χ^2/NDF : 1032.0/53

- sign 8.490 ± 1.576 χ^2/NDF : 470.7/26

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 $\pm$ 4.320 χ^2 /NDF: 2130.2/16

Left Out: 480.793 $\pm$ 2.995 χ^2 /NDF:1084.9/9

Right Out: 567.451 $\pm$ 4.137 χ^2 /NDF: 2784.8/18

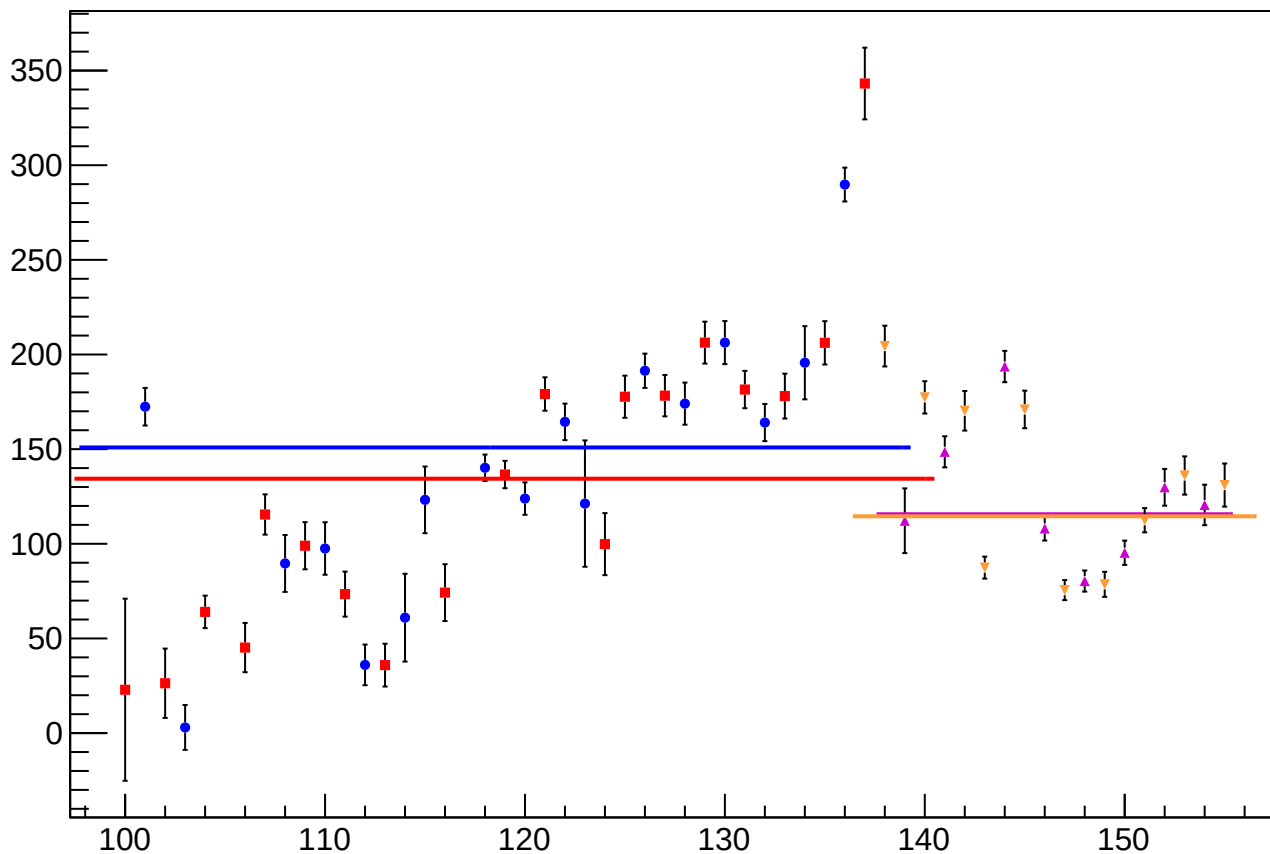
Left In: 528.798 $\pm$ 3.302 χ^2 /NDF:216.0/7

+ sign 515.722 $\pm$ 2.461 χ^2 /NDF: 3634.3/26

All: 529.115 $\pm$ 1.781 χ^2 /NDF: 6750.7/53

- sign 543.839 $\pm$ 2.581 χ^2 /NDF: 3054.2/26

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 ± 2.674 $\chi^2/\text{NDF}: 634.8/16$

Left Out: 114.531 ± 2.415 $\chi^2/\text{NDF}: 296.6/9$

Right Out: 134.381 ± 2.620 $\chi^2/\text{NDF}: 584.9/18$

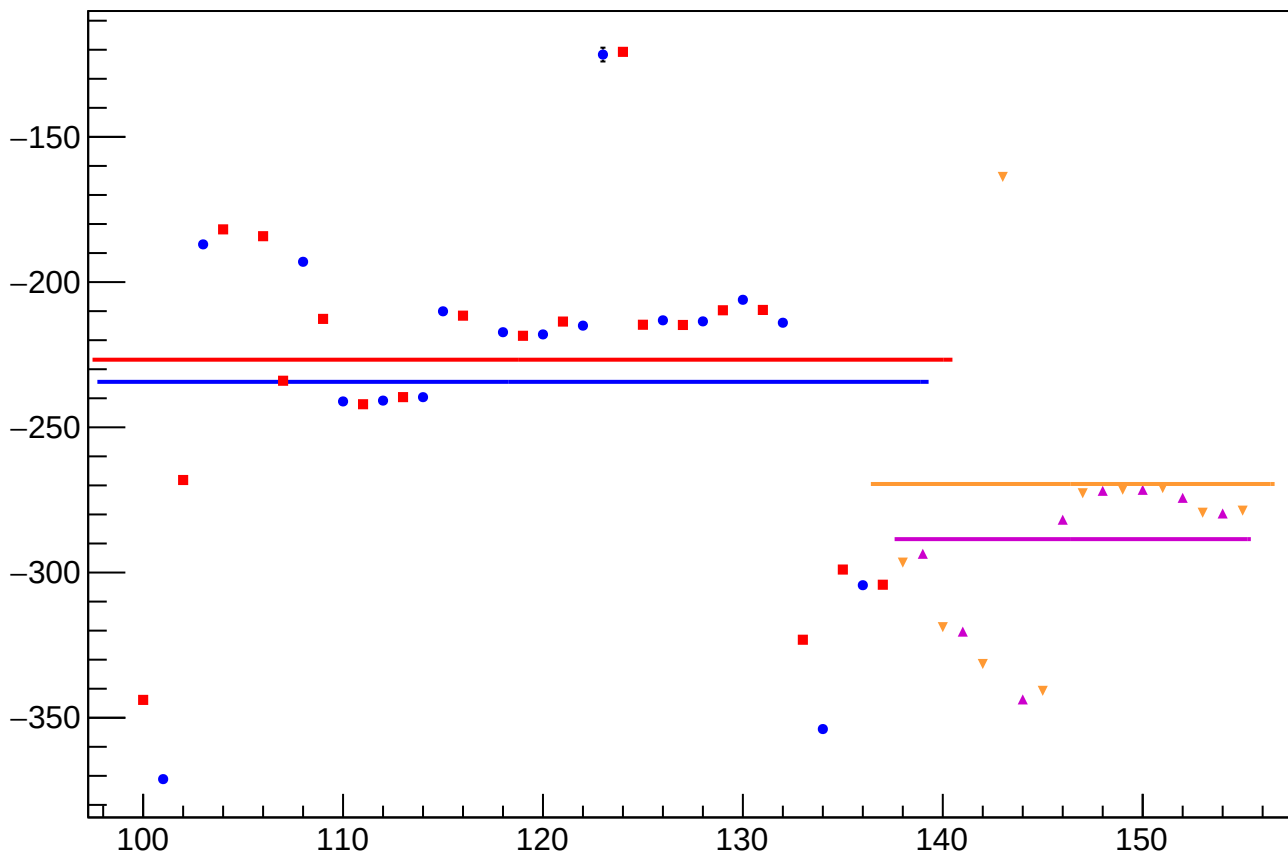
Left In: 115.608 ± 2.739 $\chi^2/\text{NDF}: 158.9/7$

+ sign 130.868 ± 1.792 $\chi^2/\text{NDF}: 1033.2/26$

All: 128.289 ± 1.302 $\chi^2/\text{NDF}: 1805.9/53$

- sign 125.412 ± 1.893 $\chi^2/\text{NDF}: 768.3/26$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341 ± 0.148 $\chi^2/\text{NDF}: 145165.1/16$

Left Out: -269.508 ± 0.124 $\chi^2/\text{NDF}: 182044.8/9$

Right Out: -226.716 ± 0.141 $\chi^2/\text{NDF}: 99440.4/18$

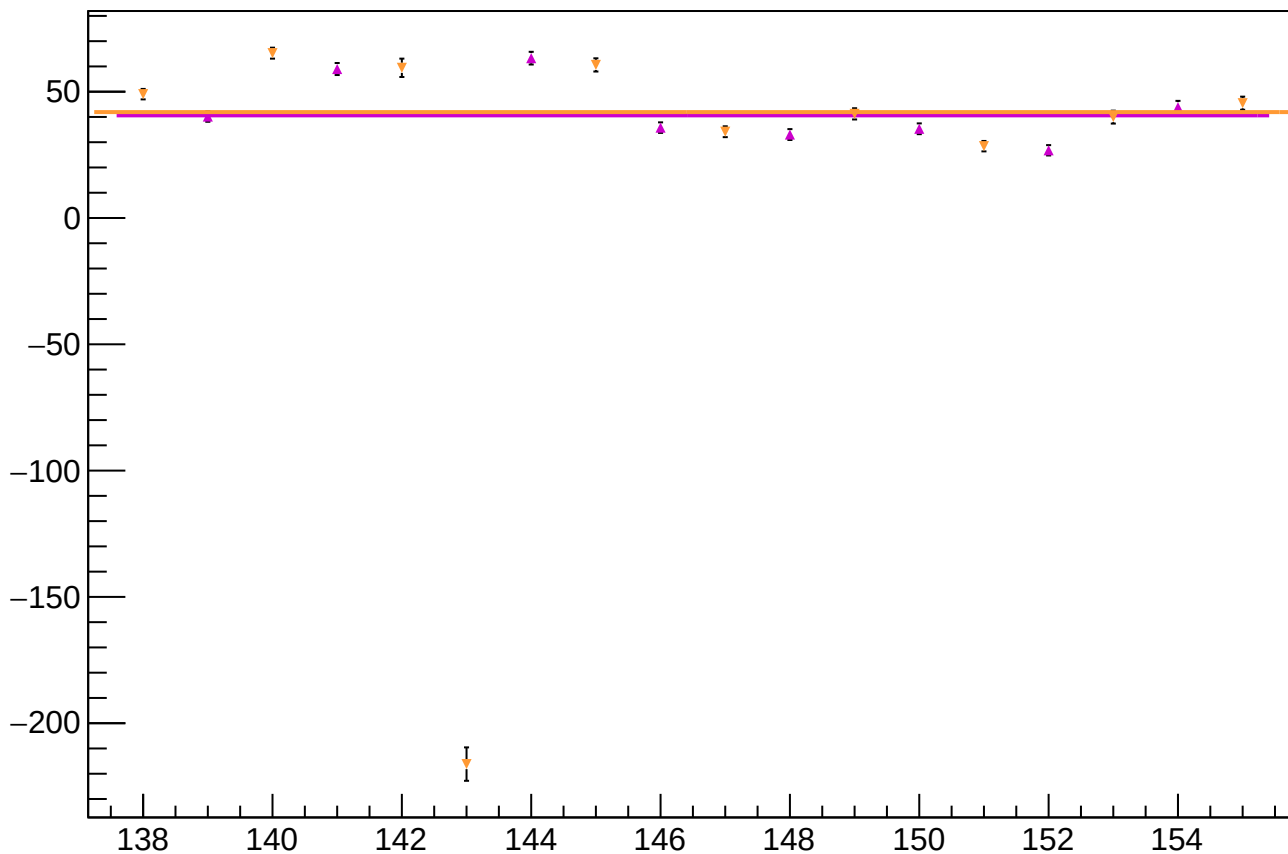
Left In: -288.497 ± 0.136 $\chi^2/\text{NDF}: 27790.4/7$

+ sign -255.039 ± 0.095 $\chi^2/\text{NDF}: 360303.9/26$

All: -256.863 ± 0.068 $\chi^2/\text{NDF}: 587531.6/53$

- sign -258.799 ± 0.098 $\chi^2/\text{NDF}: 226469.9/26$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 41.923+/-0.780 χ^2/NDF :1783.4/9

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

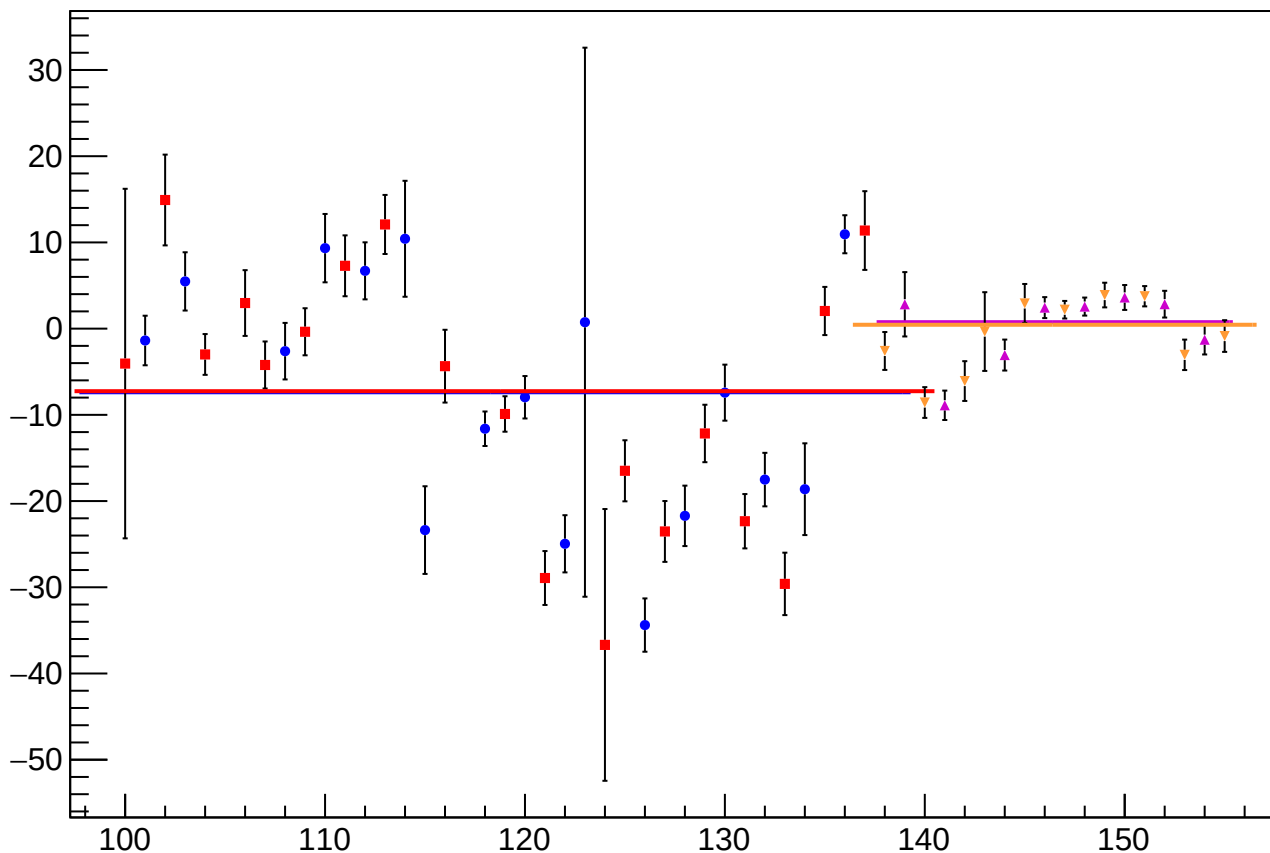
Left In: 40.631+/-0.783 χ^2/NDF :212.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.279+/-0.552 χ^2/NDF : 1996.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.381 ± 0.779 χ^2/NDF : 283.6/16

Left Out: 0.449 ± 0.517 χ^2/NDF : 57.8/9

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

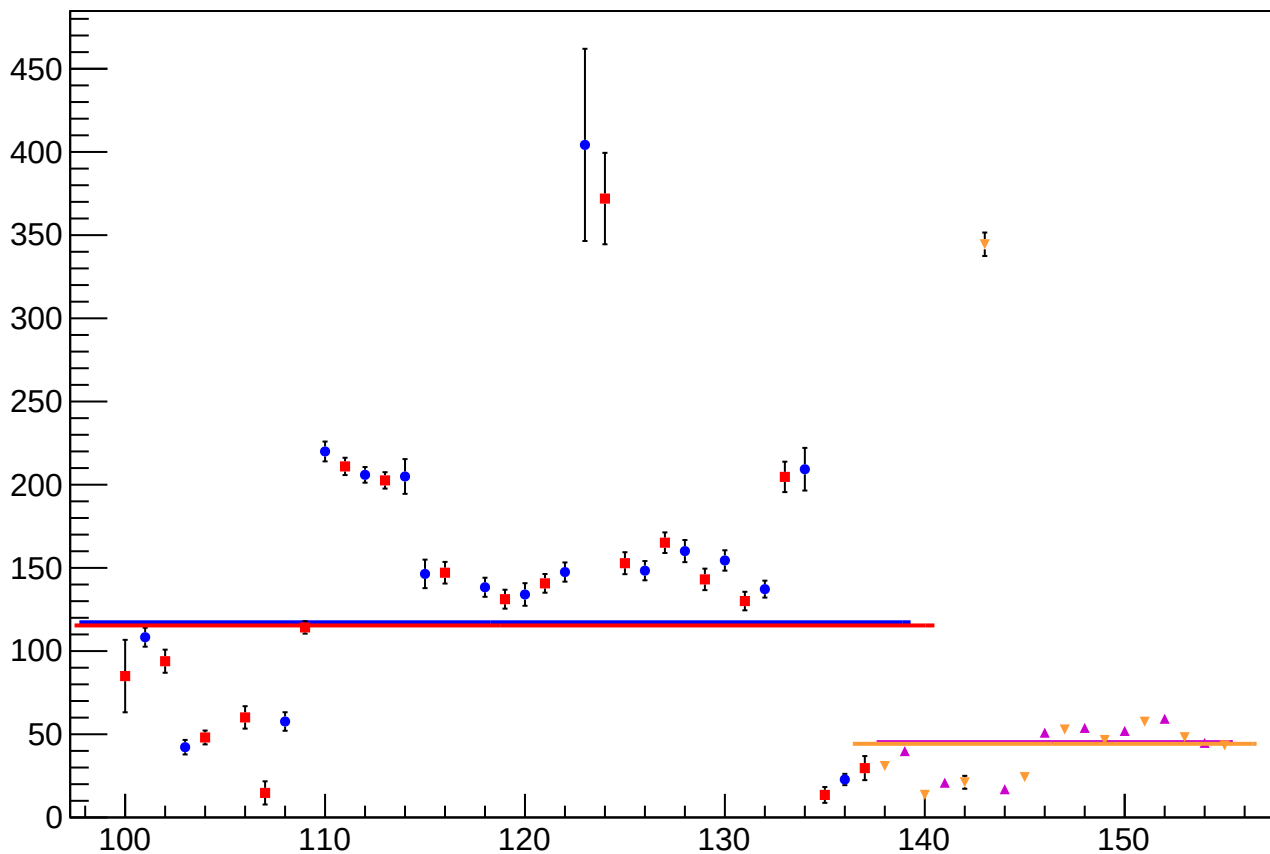
Left In: 0.749 ± 0.530 χ^2/NDF : 48.9/7

+ sign -1.947 ± 0.431 χ^2/NDF : 411.6/26

All: -1.906 ± 0.306 χ^2/NDF : 792.1/53

- sign -1.865 ± 0.435 χ^2/NDF : 380.5/26

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 44.265 $\pm$ 0.769 χ^2 /NDF:2178.7/9

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

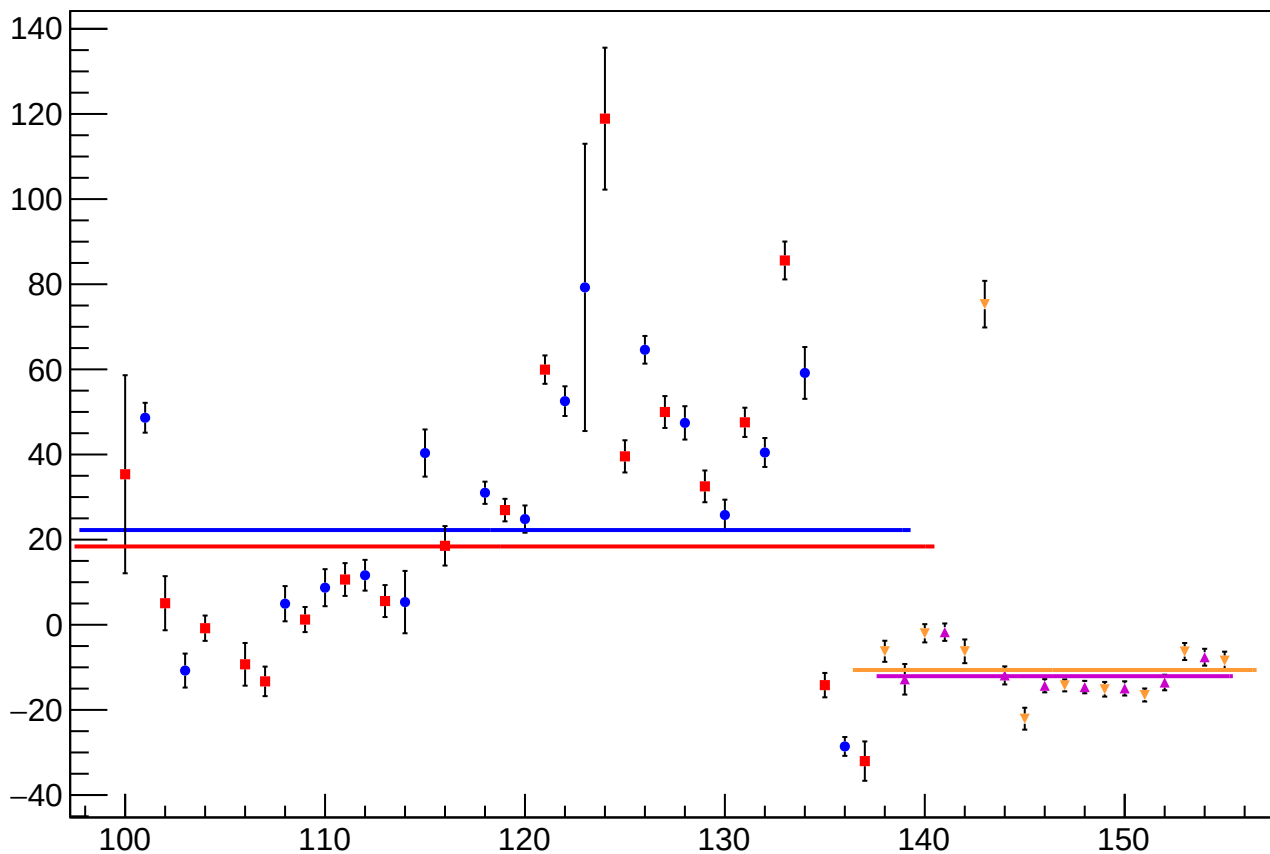
Left In: 45.280 $\pm$ 0.770 χ^2 /NDF:298.3/7

+ sign 61.042 $\pm$ 0.675 χ^2 /NDF: 6411.0/26

All: 61.669 $\pm$ 0.476 χ^2 /NDF: 10873.7/53

- sign 62.287 $\pm$ 0.670 χ^2 /NDF: 4461.0/26

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -10.619 $\pm$ 0.641 χ^2 /NDF:321.9/9

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

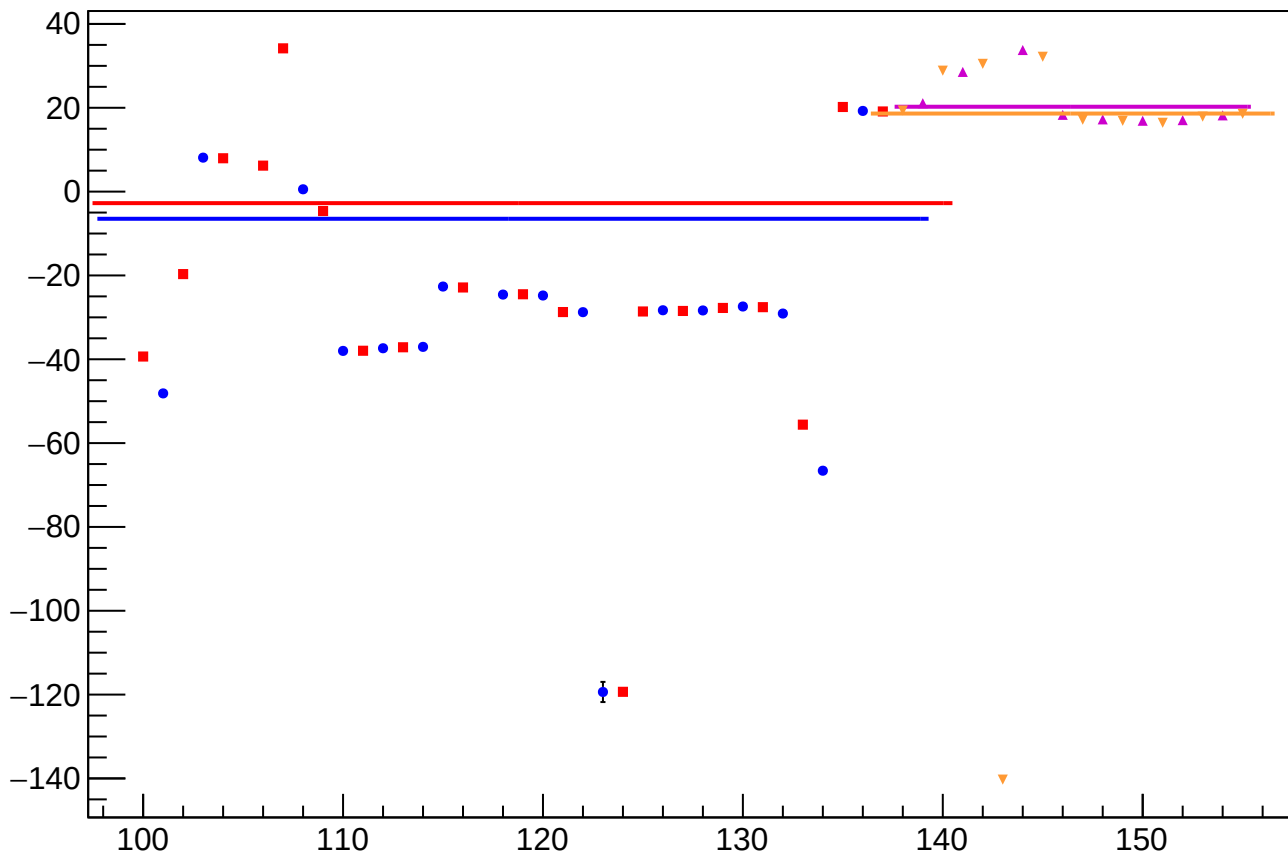
Left In: -12.080 $\pm$ 0.655 χ^2 /NDF:39.4/7

+ sign 0.616 $\pm$ 0.520 χ^2 /NDF: 2292.8/26

All: -0.222 $\pm$ 0.369 χ^2 /NDF: 4195.2/53

- sign -1.074 $\pm$ 0.524 χ^2 /NDF: 1897.2/26

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 χ^2/NDF : 265804.1/16

Left Out: 18.623 ± 0.031 χ^2/NDF : 348553.9/9

Right Out: -2.751 ± 0.046 χ^2/NDF : 266291.4/18

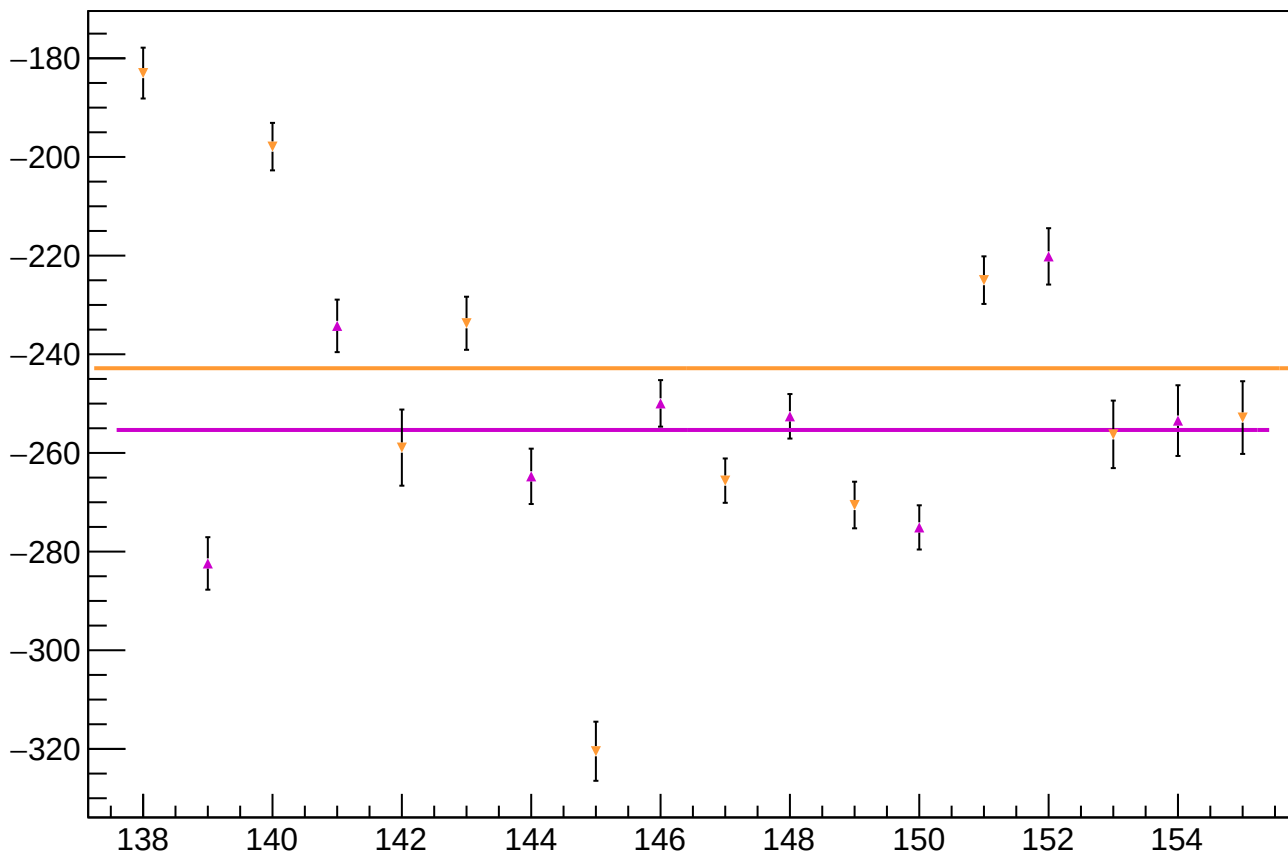
Left In: 20.249 ± 0.031 χ^2/NDF : 25478.5/7

+ sign 10.741 ± 0.026 χ^2/NDF : 817259.8/26

All: 11.849 ± 0.018 χ^2/NDF : 1285722.7/53

- sign 12.947 ± 0.026 χ^2/NDF : 464807.4/26

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -242.829+/-1.723 χ^2/NDF : 476.6/9

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

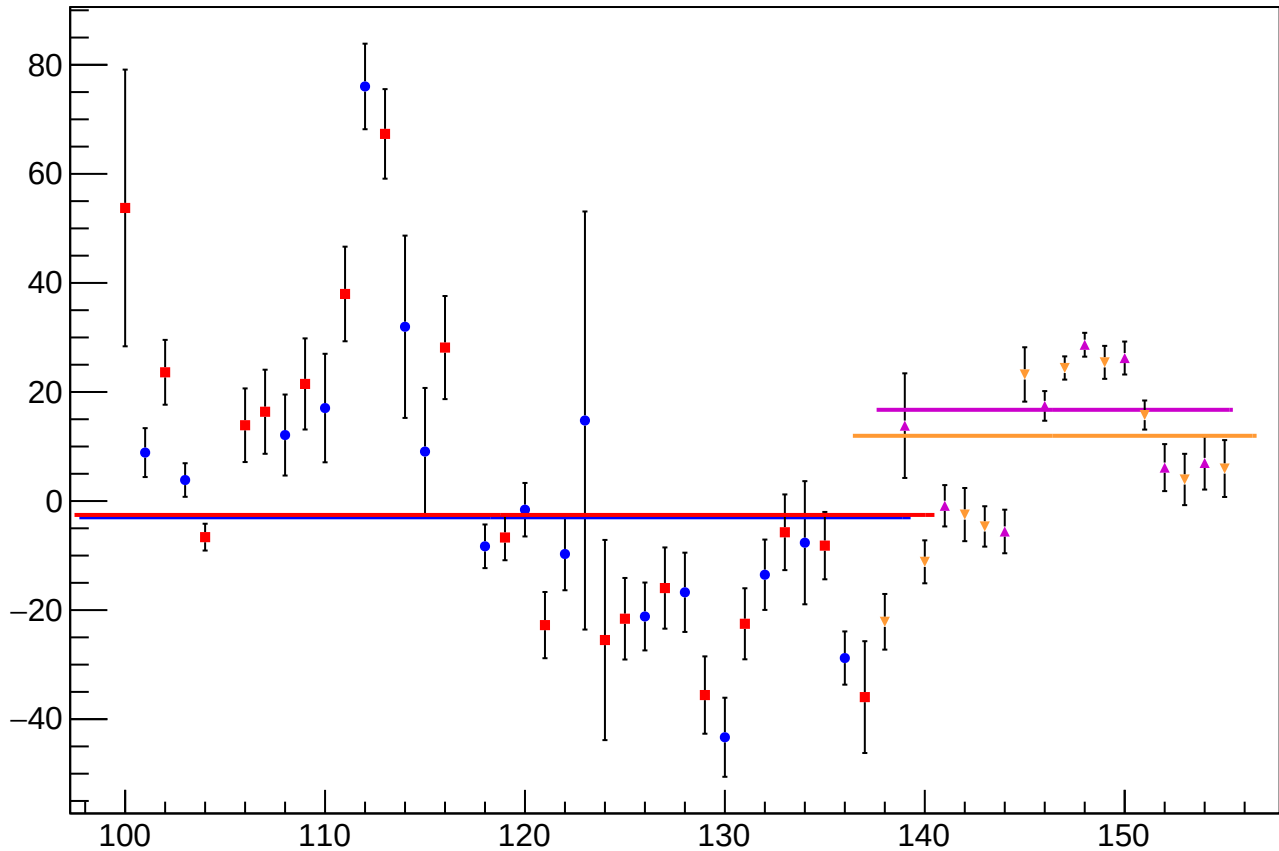
Left In: -255.344+/-1.837 χ^2/NDF : 103.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.684+/-1.257 χ^2/NDF : 604.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.981 ± 1.450 χ^2/NDF : 203.9/16

Left Out: 11.966 ± 1.111 χ^2/NDF : 173.3/9

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

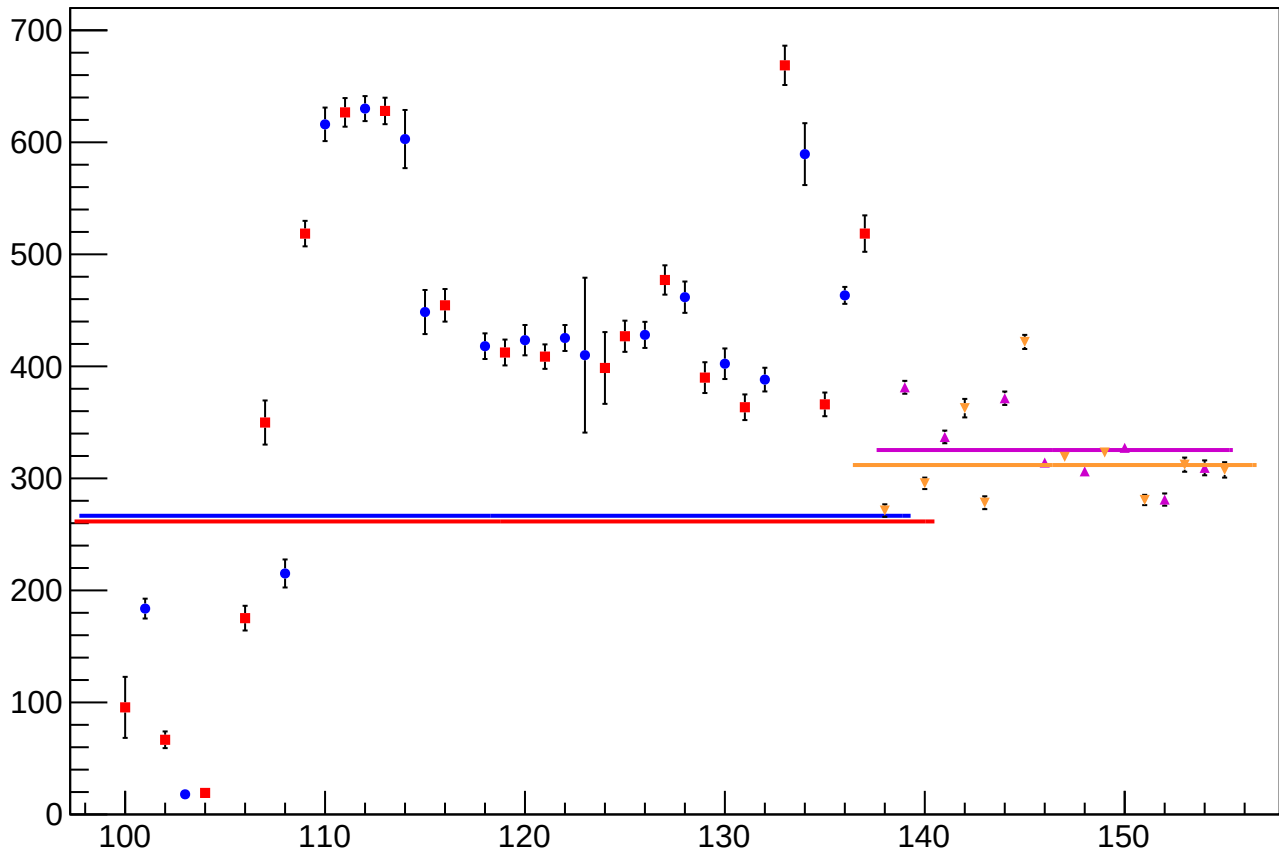
Left In: 16.732 ± 1.201 χ^2/NDF : 102.6/7

+ sign 6.439 ± 0.882 χ^2/NDF : 444.1/26

All: 7.458 ± 0.634 χ^2/NDF : 876.9/53

- sign 8.545 ± 0.911 χ^2/NDF : 430.0/26

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 311.921 $\pm$ 1.711 χ^2 /NDF:495.9/9

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

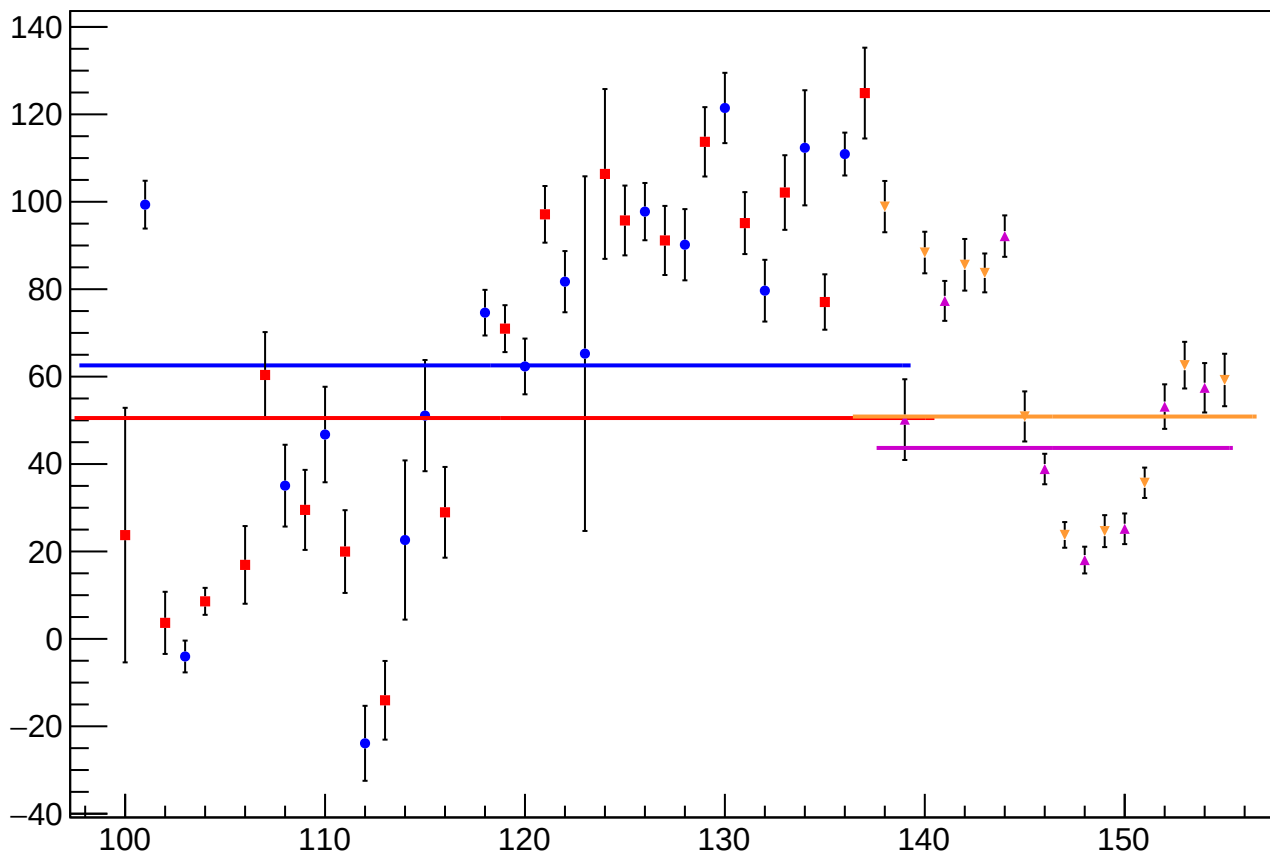
Left In: 325.313 $\pm$ 1.804 χ^2 /NDF:255.6/7

+ sign 297.291 $\pm$ 1.408 χ^2 /NDF: 8385.0/26

All: 300.043 $\pm$ 1.012 χ^2 /NDF: 17294.0/53

- sign 302.981 $\pm$ 1.455 χ^2 /NDF: 8901.1/26

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 ± 1.678 $\chi^2/\text{NDF}: 722.4/16$

Left Out: 50.868 ± 1.388 $\chi^2/\text{NDF}: 380.5/9$

Right Out: 50.526 ± 1.643 $\chi^2/\text{NDF}: 657.0/18$

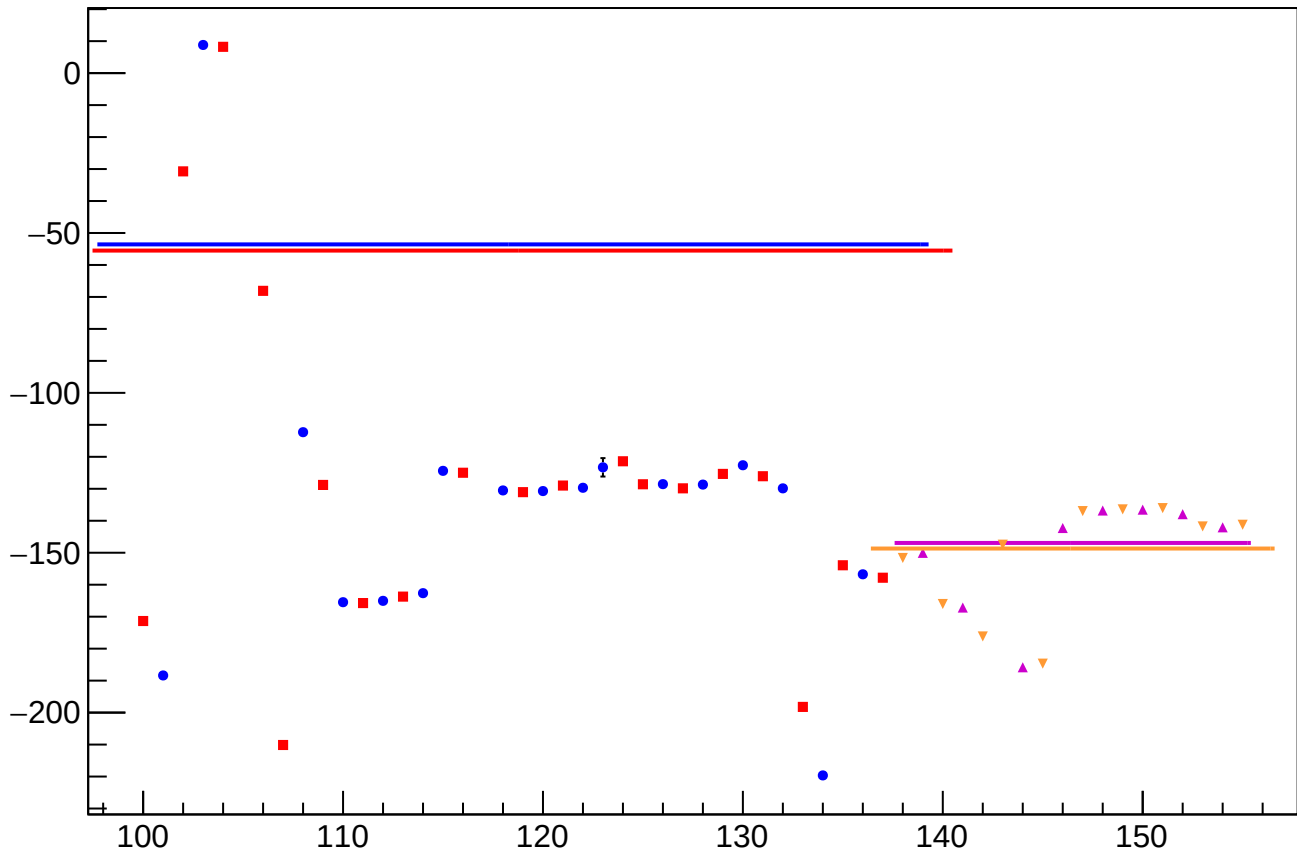
Left In: 43.683 ± 1.500 $\chi^2/\text{NDF}: 268.6/7$

+ sign 55.618 ± 1.069 $\chi^2/\text{NDF}: 1131.8/26$

All: 51.362 ± 0.769 $\chi^2/\text{NDF}: 2099.7/53$

- sign 46.793 ± 1.108 $\chi^2/\text{NDF}: 935.1/26$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -148.688 ± 0.071 χ^2/NDF : 47538.1/9

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

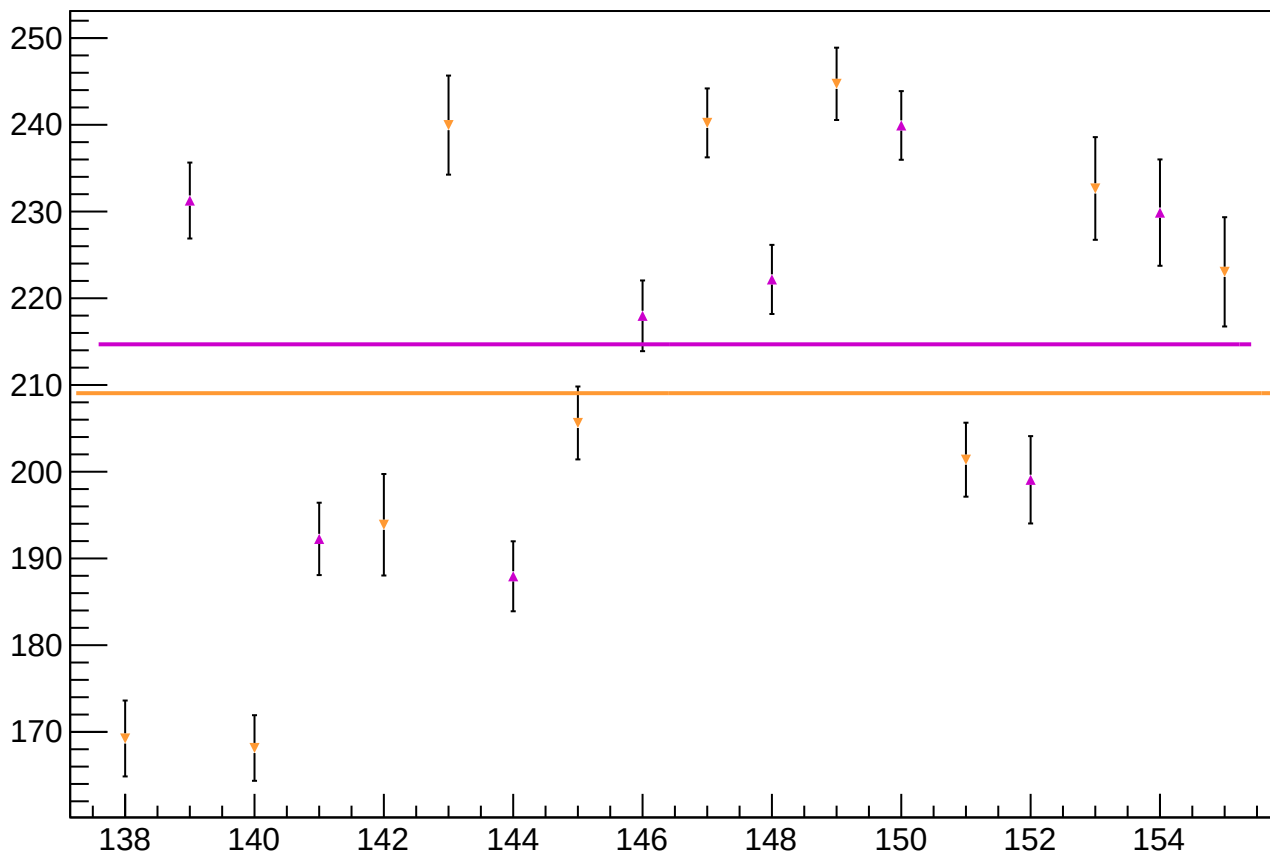
Left In: -146.939 ± 0.074 χ^2/NDF : 39090.0/7

+ sign -100.726 ± 0.050 χ^2/NDF : 2186129.7/26

All: -100.288 ± 0.036 χ^2/NDF : 3978722.9/53

- sign -99.819 ± 0.052 χ^2/NDF : 1792433.6/26

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 209.056+/-1.462 χ^2/NDF : 395.2/9

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

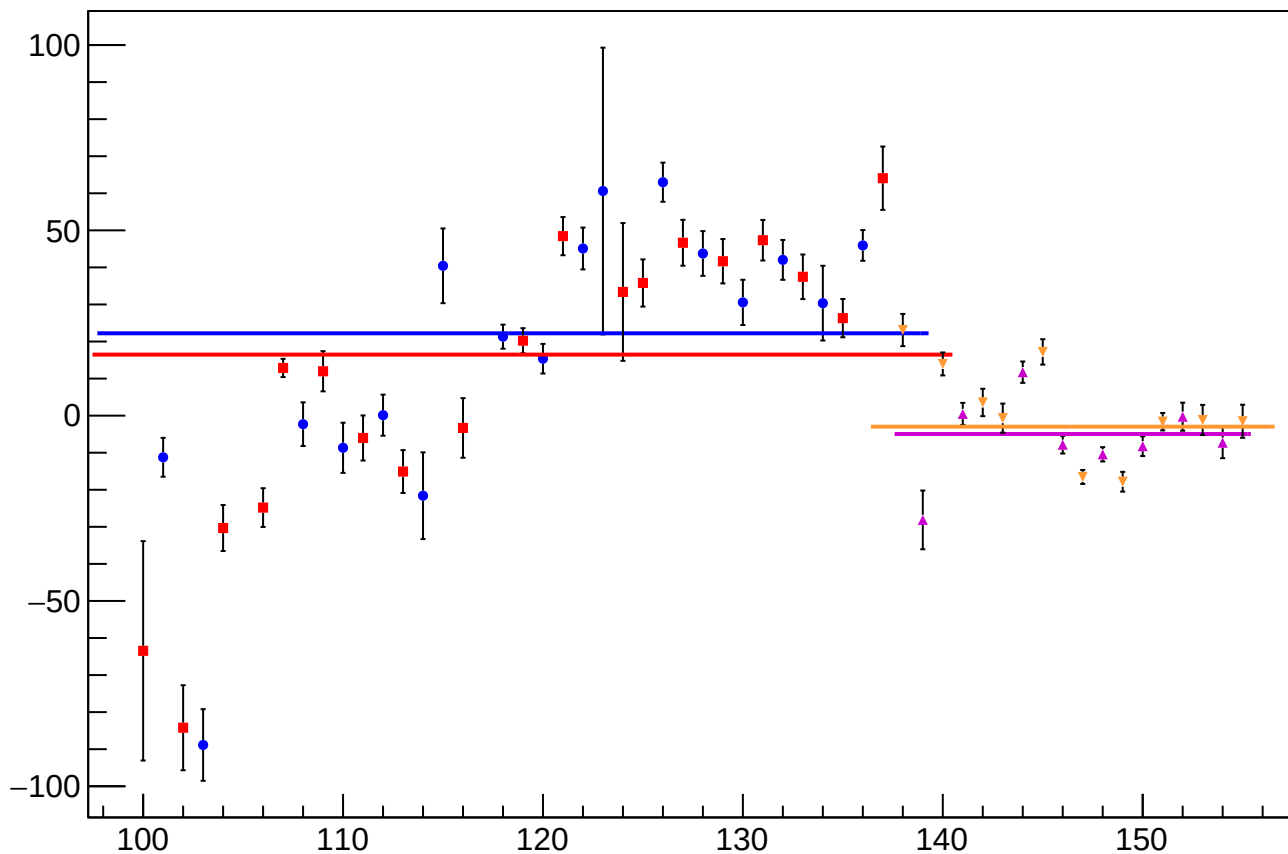
Left In: 214.690+/-1.536 χ^2/NDF : 147.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.734+/-1.059 χ^2/NDF : 550.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221+/-1.374 χ^2/NDF : 385.6/16

Left Out: -2.975+/-0.957 χ^2/NDF : 187.3/9

Right Out: 16.466+/-1.230 χ^2/NDF : 425.9/18

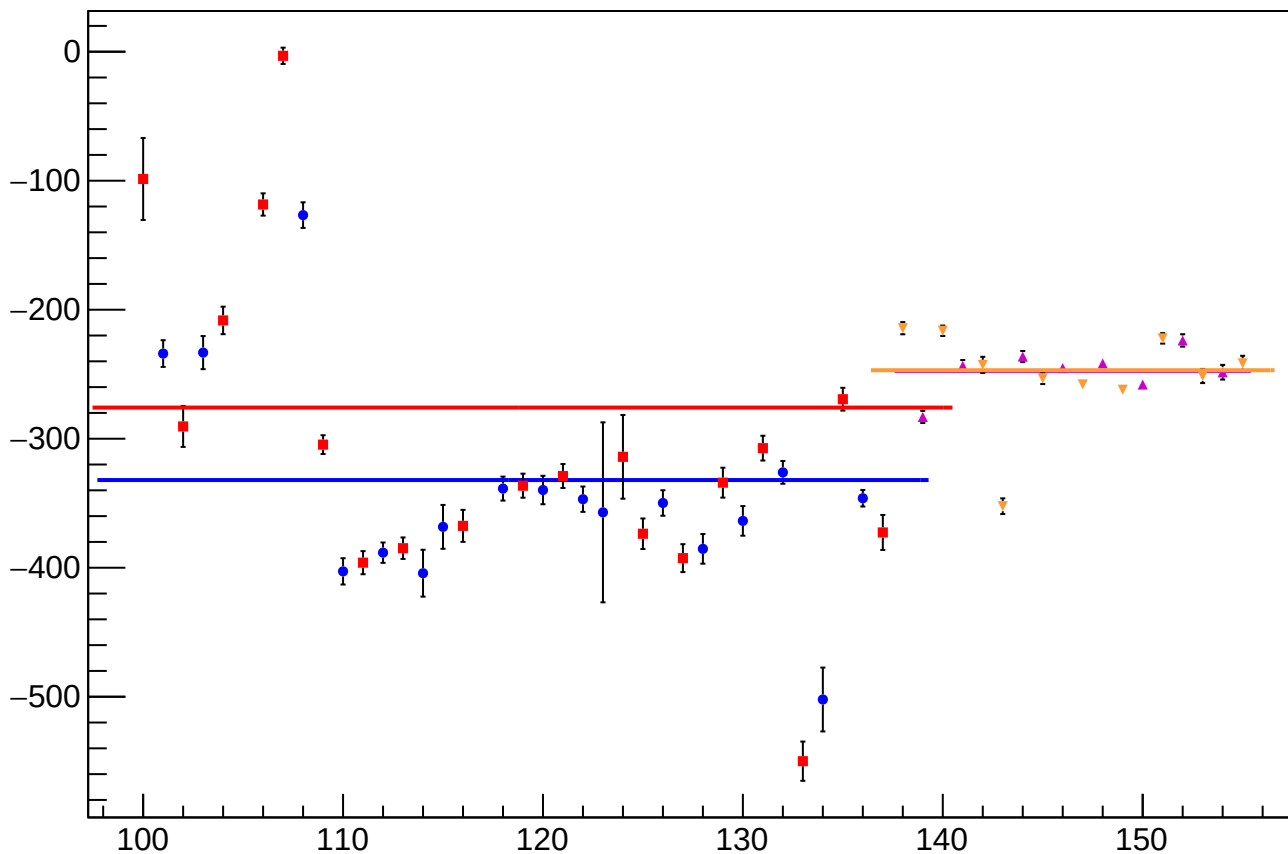
Left In: -4.951+/-1.020 χ^2/NDF : 58.2/7

+ sign 5.253+/-0.785 χ^2/NDF : 799.4/26

All: 4.516+/-0.555 χ^2/NDF : 1465.1/53

- sign 3.779+/-0.785 χ^2/NDF : 663.9/26

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 $\pm$ 2.562 χ^2 /NDF: 784.9/16

Left Out: -246.919 $\pm$ 1.459 χ^2 /NDF: 468.5/9

Right Out: -275.853 $\pm$ 2.324 χ^2 /NDF: 3362.8/18

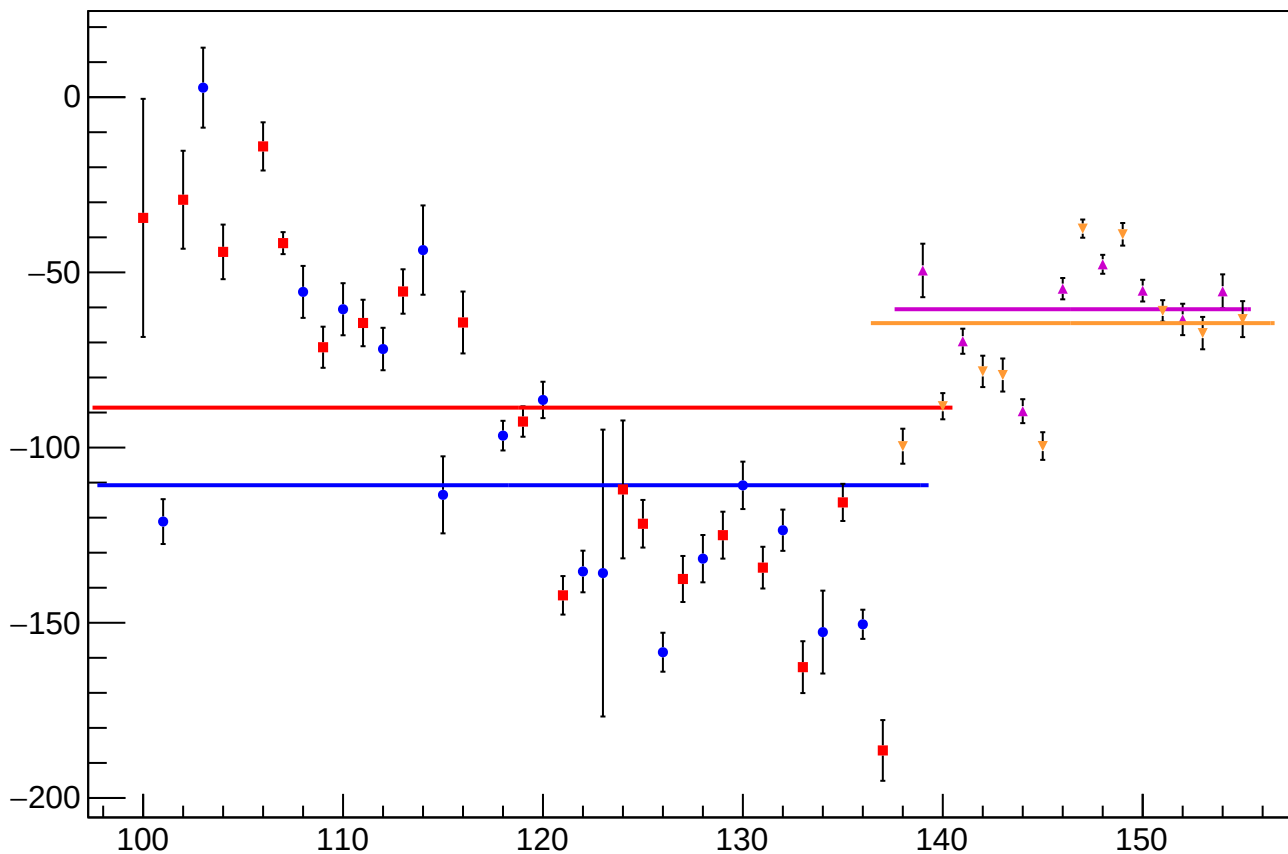
Left In: -247.477 $\pm$ 1.519 χ^2 /NDF: 99.0/7

+ sign -267.759 $\pm$ 1.268 χ^2 /NDF: 2087.0/26

All: -261.882 $\pm$ 0.898 χ^2 /NDF: 5696.4/53

- sign -255.969 $\pm$ 1.272 χ^2 /NDF: 3566.3/26

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -64.483 ± 1.190 χ^2/NDF : 359.2/9

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

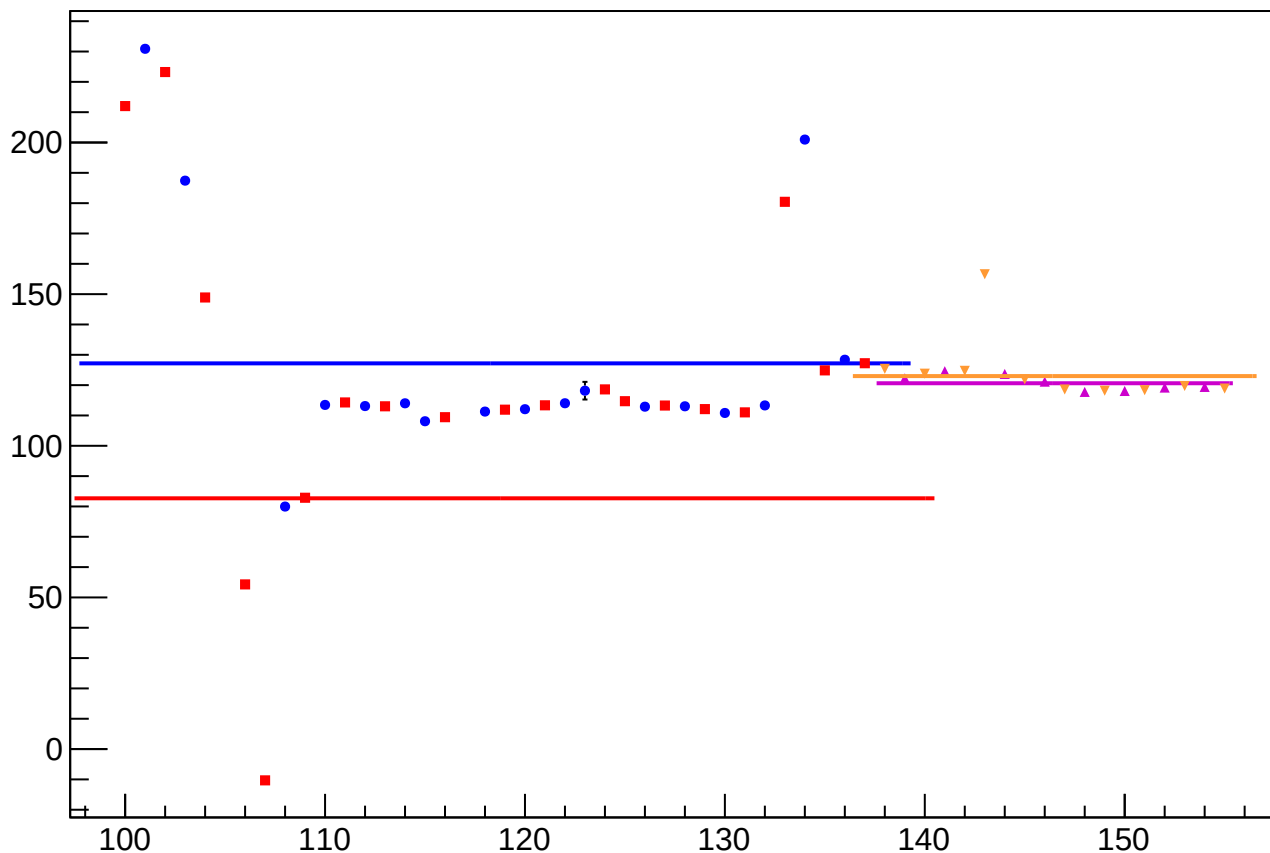
Left In: -60.518 ± 1.267 χ^2/NDF : 111.9/7

+ sign -81.263 ± 0.950 χ^2/NDF : 1420.6/26

All: -77.043 ± 0.672 χ^2/NDF : 2756.9/53

- sign -72.826 ± 0.950 χ^2/NDF : 1296.9/26

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF : 188050.9/16

Left Out: 122.983+/-0.060 χ^2/NDF : 21903.3/9

Right Out: 82.684+/-0.075 χ^2/NDF : 765716.0/18

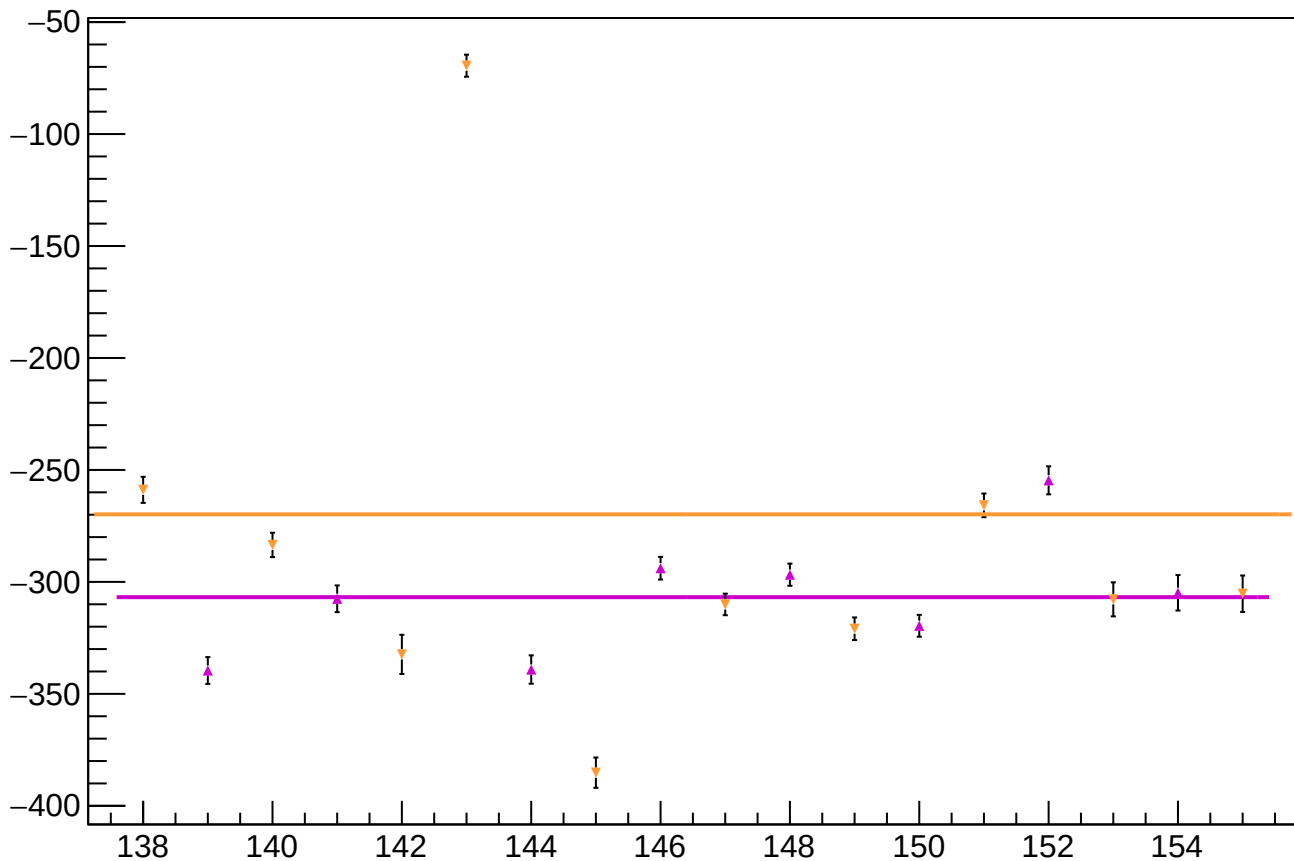
Left In: 120.624+/-0.062 χ^2/NDF : 1532.9/7

+ sign 124.302+/-0.050 χ^2/NDF : 211477.7/26

All: 114.378+/-0.035 χ^2/NDF : 1205452.5/53

- sign 105.181+/-0.048 χ^2/NDF : 917780.0/26

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -269.829+/-1.856 χ^2/NDF : 2224.4/9

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

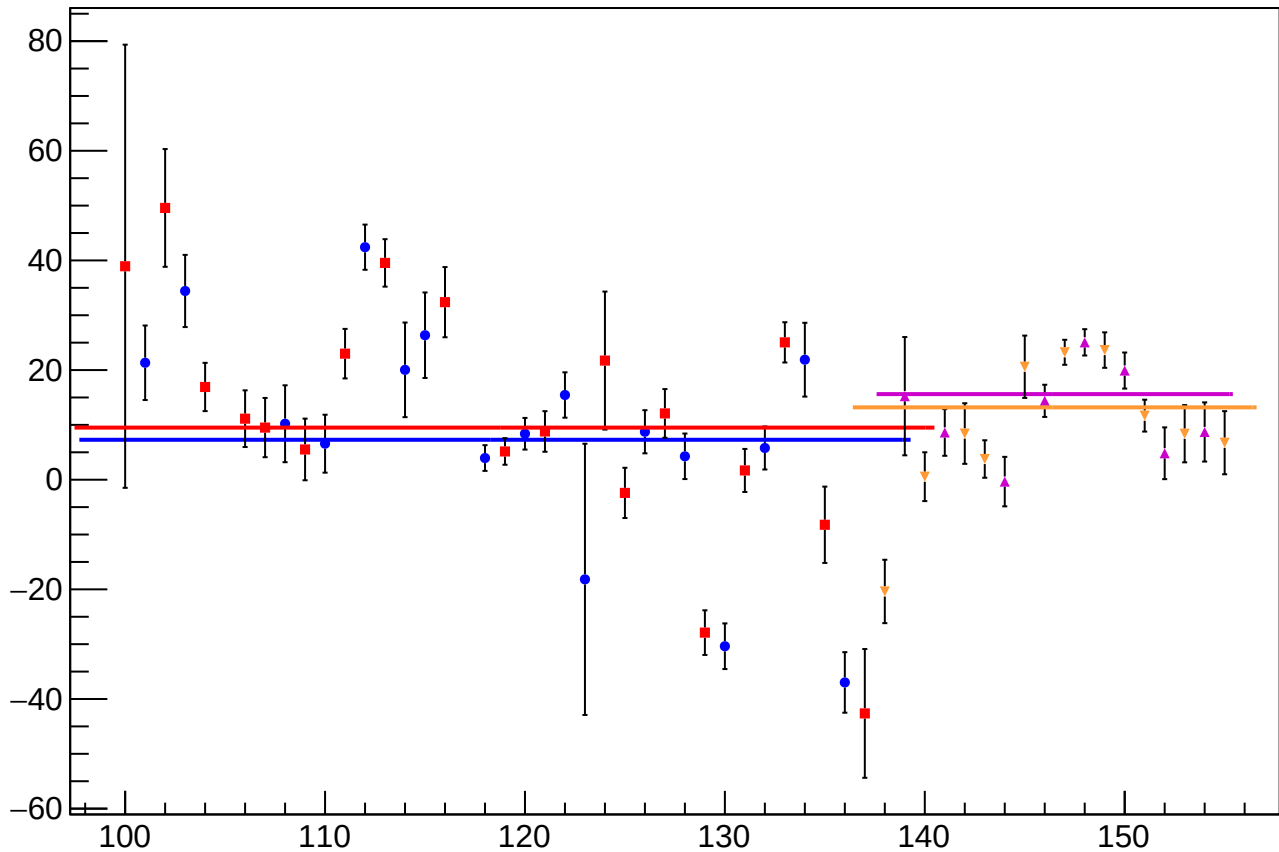
Left In: -306.813+/-2.025 χ^2/NDF : 142.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -286.719+/-1.368 χ^2/NDF : 2548.5/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284 $\pm$ 1.084 χ^2/NDF : 261.0/16

Left Out: 13.197 $\pm$ 1.194 χ^2/NDF : 84.0/9

Right Out: 9.505 $\pm$ 1.074 χ^2/NDF : 231.5/18

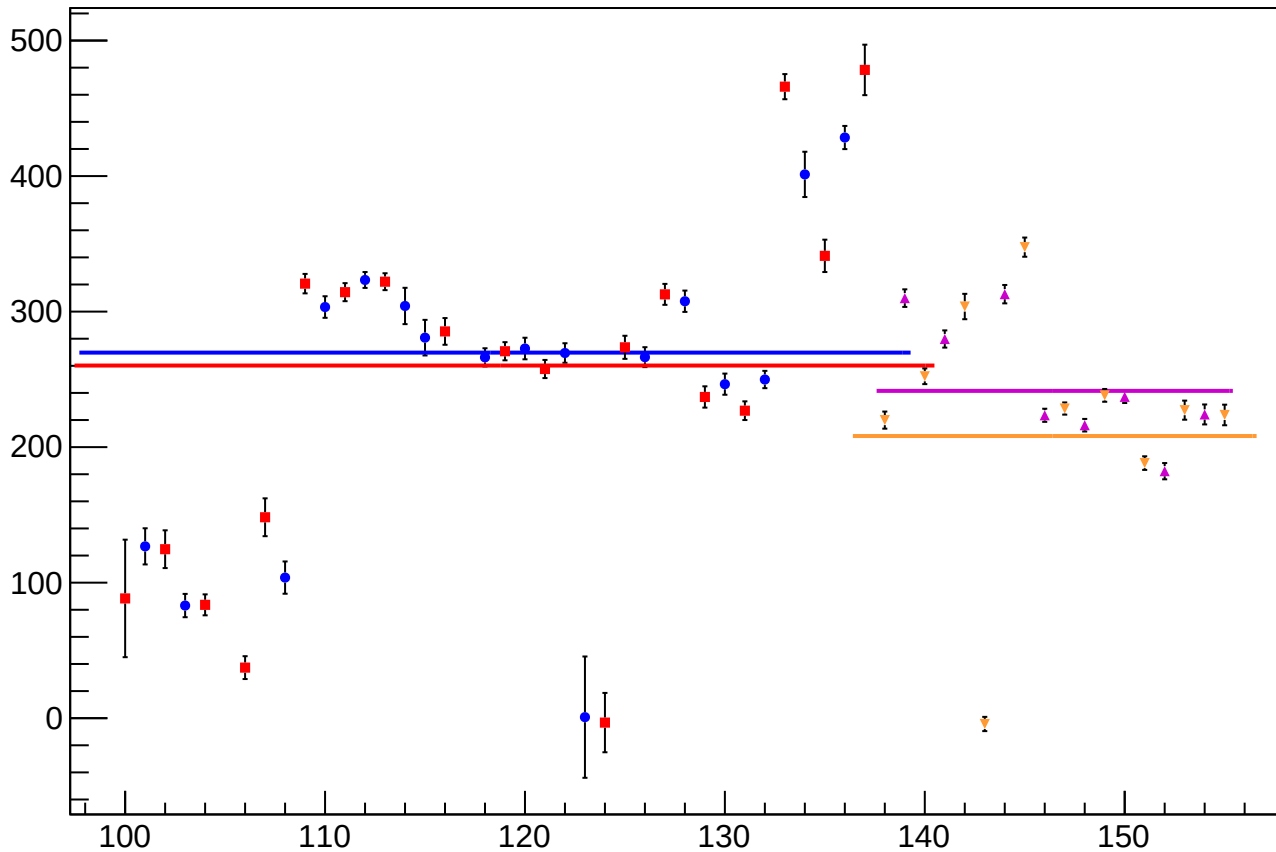
Left In: 15.614 $\pm$ 1.320 χ^2/NDF : 39.4/7

+ sign 9.956 $\pm$ 0.802 χ^2/NDF : 358.5/26

All: 10.910 $\pm$ 0.578 χ^2/NDF : 645.2/53

- sign 11.940 $\pm$ 0.833 χ^2/NDF : 283.8/26

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 $\pm$ 2.071 χ^2/NDF : 1374.1/16

Left Out: 208.196 $\pm$ 1.845 χ^2/NDF : 2275.2/9

Right Out: 260.206 $\pm$ 1.978 χ^2/NDF : 2541.6/18

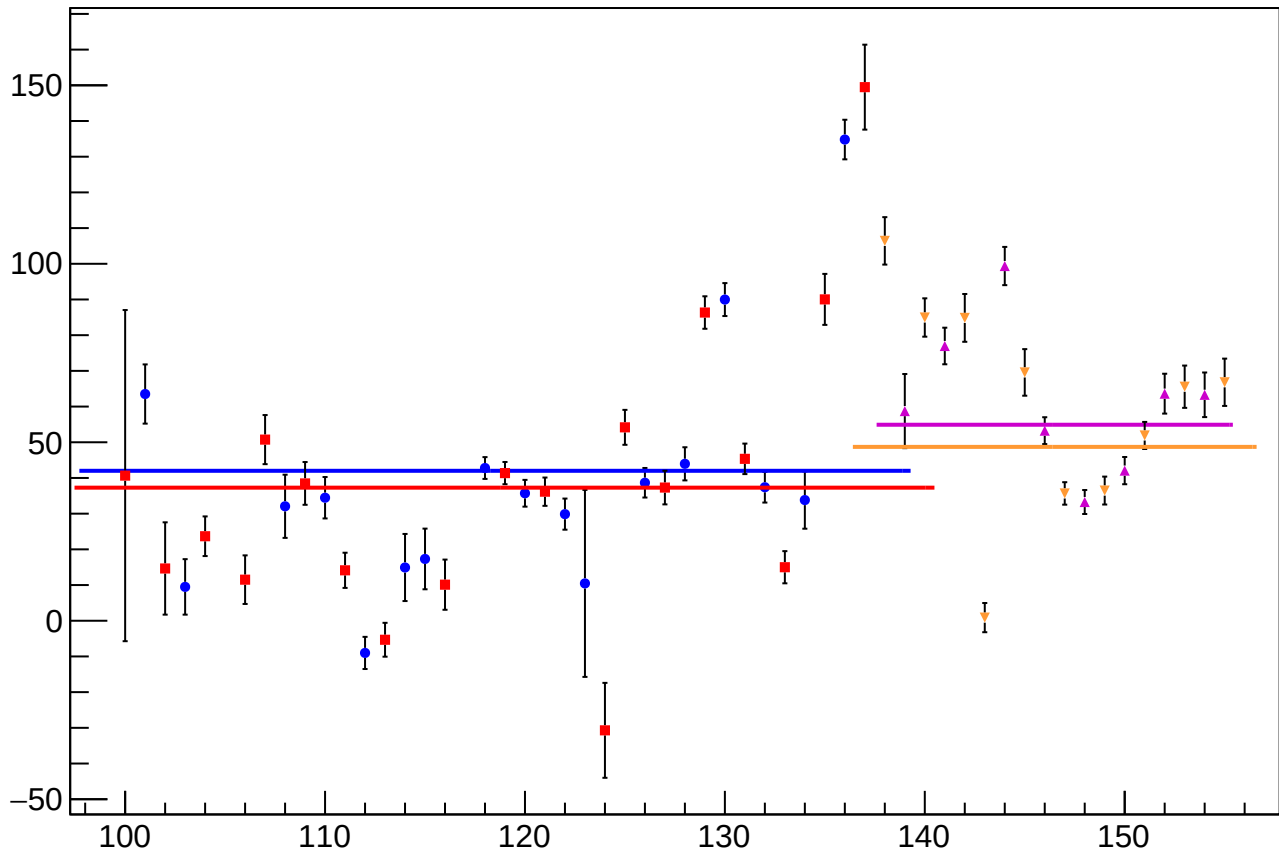
Left In: 241.507 $\pm$ 1.985 χ^2/NDF : 405.9/7

+ sign 235.424 $\pm$ 1.378 χ^2/NDF : 4141.7/26

All: 243.027 $\pm$ 0.982 χ^2/NDF : 7195.6/53

- sign 250.893 $\pm$ 1.401 χ^2/NDF : 2992.0/26

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2/NDF : 575.6/16

Left Out: 48.707 $\pm$ 1.491 χ^2/NDF : 340.2/9

Right Out: 37.284 $\pm$ 1.237 χ^2/NDF : 472.6/18

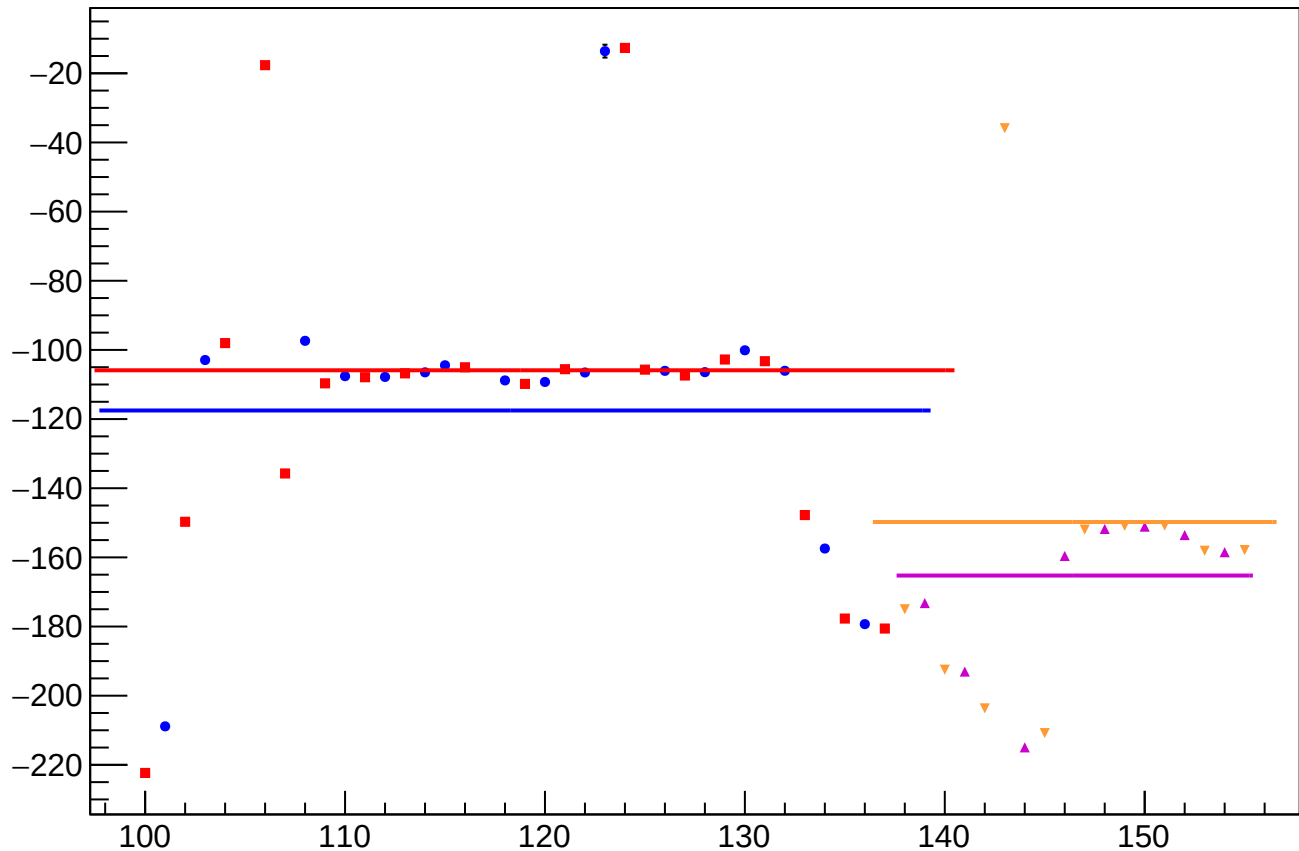
Left In: 54.908 $\pm$ 1.649 χ^2/NDF : 144.9/7

+ sign 44.787 $\pm$ 0.960 χ^2/NDF : 927.6/26

All: 44.227 $\pm$ 0.689 χ^2/NDF : 1618.9/53

- sign 43.633 $\pm$ 0.990 χ^2/NDF : 690.6/26

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516 ± 0.078 $\chi^2/\text{NDF}: 142016.6/16$

Left Out: -149.770 ± 0.076 $\chi^2/\text{NDF}: 401951.0/9$

Right Out: -105.892 ± 0.073 $\chi^2/\text{NDF}: 324304.4/18$

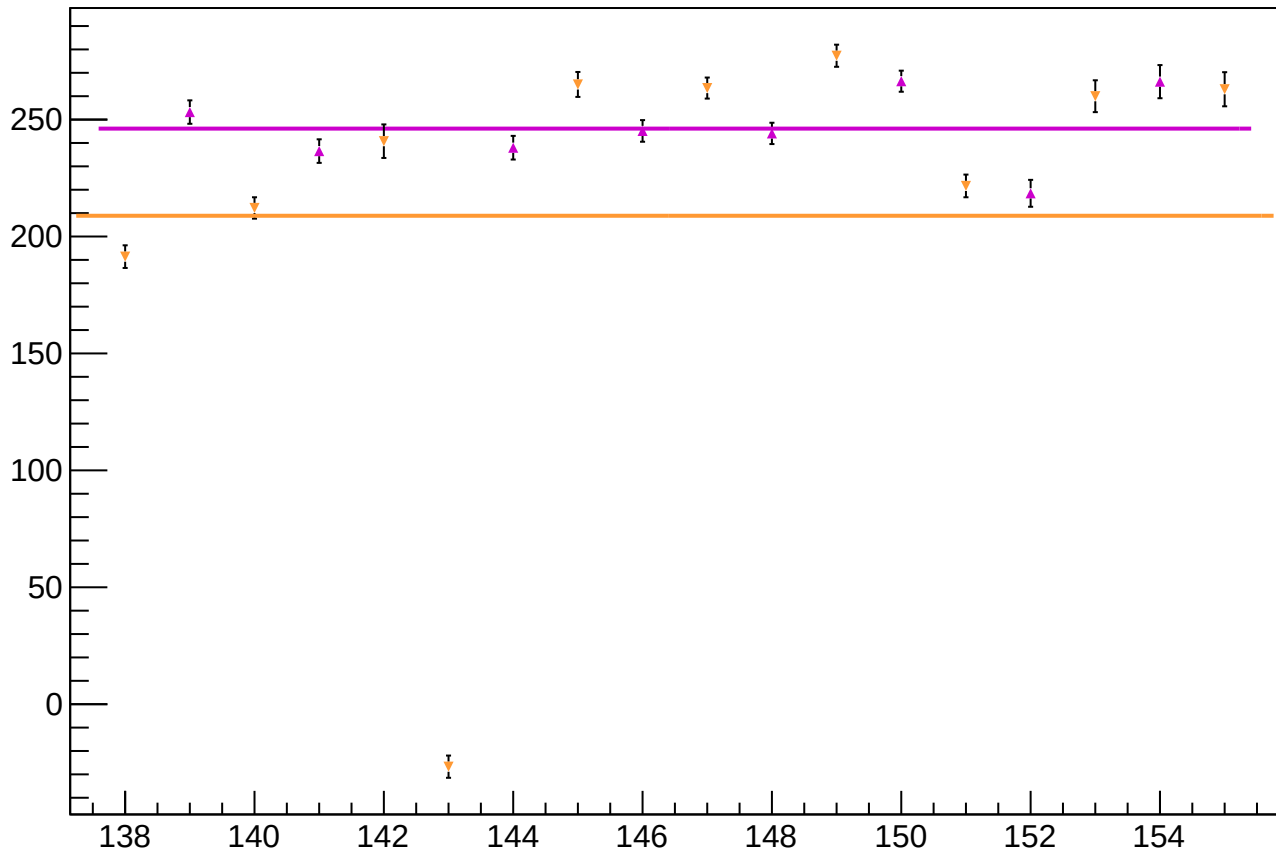
Left In: -165.252 ± 0.082 $\chi^2/\text{NDF}: 54490.8/7$

+ sign -133.972 ± 0.055 $\chi^2/\text{NDF}: 631204.3/26$

All: -133.061 ± 0.039 $\chi^2/\text{NDF}: 1304734.0/53$

- sign -132.157 ± 0.054 $\chi^2/\text{NDF}: 672974.7/26$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 208.873+/-1.653 χ^2/NDF : 3073.9/9

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

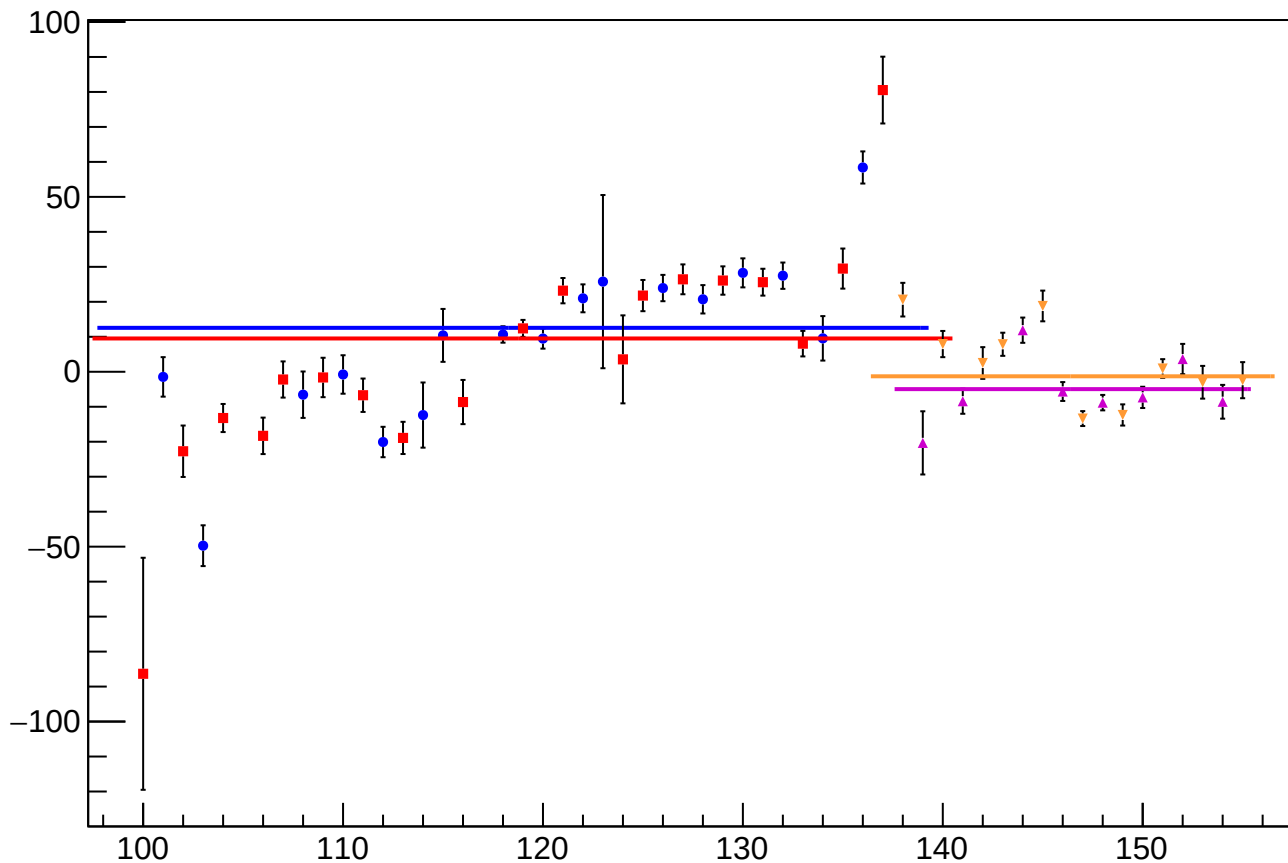
Left In: 246.141+/-1.789 χ^2/NDF : 59.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.034+/-1.214 χ^2/NDF : 3368.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561 ± 1.056 χ^2/NDF : 347.7/16

Left Out: -1.295 ± 1.079 χ^2/NDF : 102.5/9

Right Out: 9.519 ± 1.051 χ^2/NDF : 296.2/18

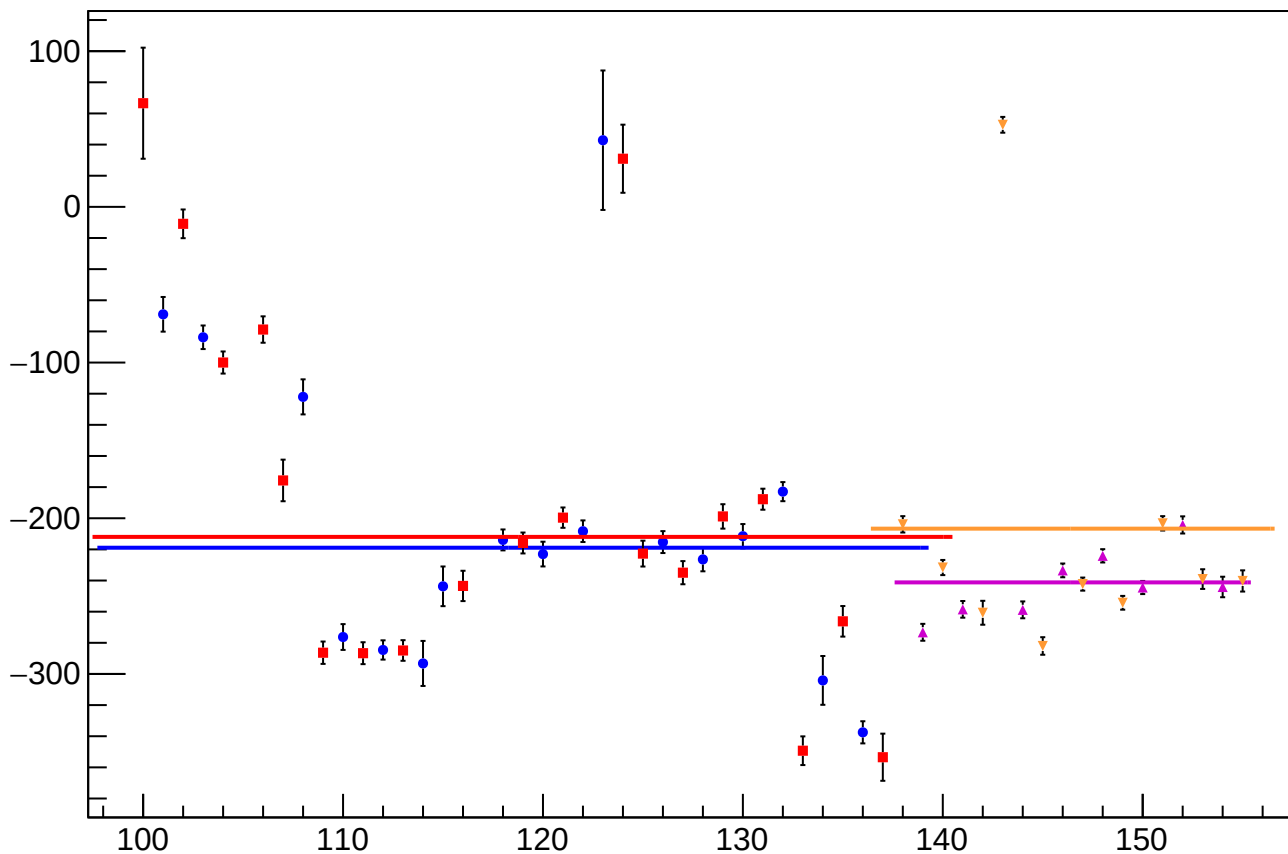
Left In: -4.961 ± 1.184 χ^2/NDF : 33.9/7

+ sign 5.788 ± 0.755 χ^2/NDF : 534.4/26

All: 4.518 ± 0.544 χ^2/NDF : 954.1/53

- sign 3.142 ± 0.786 χ^2/NDF : 413.8/26

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 χ^2/NDF : 1146.6/16

Left Out: -206.678 ± 1.651 χ^2/NDF : 3105.6/9

Right Out: -211.968 ± 1.924 χ^2/NDF : 1886.2/18

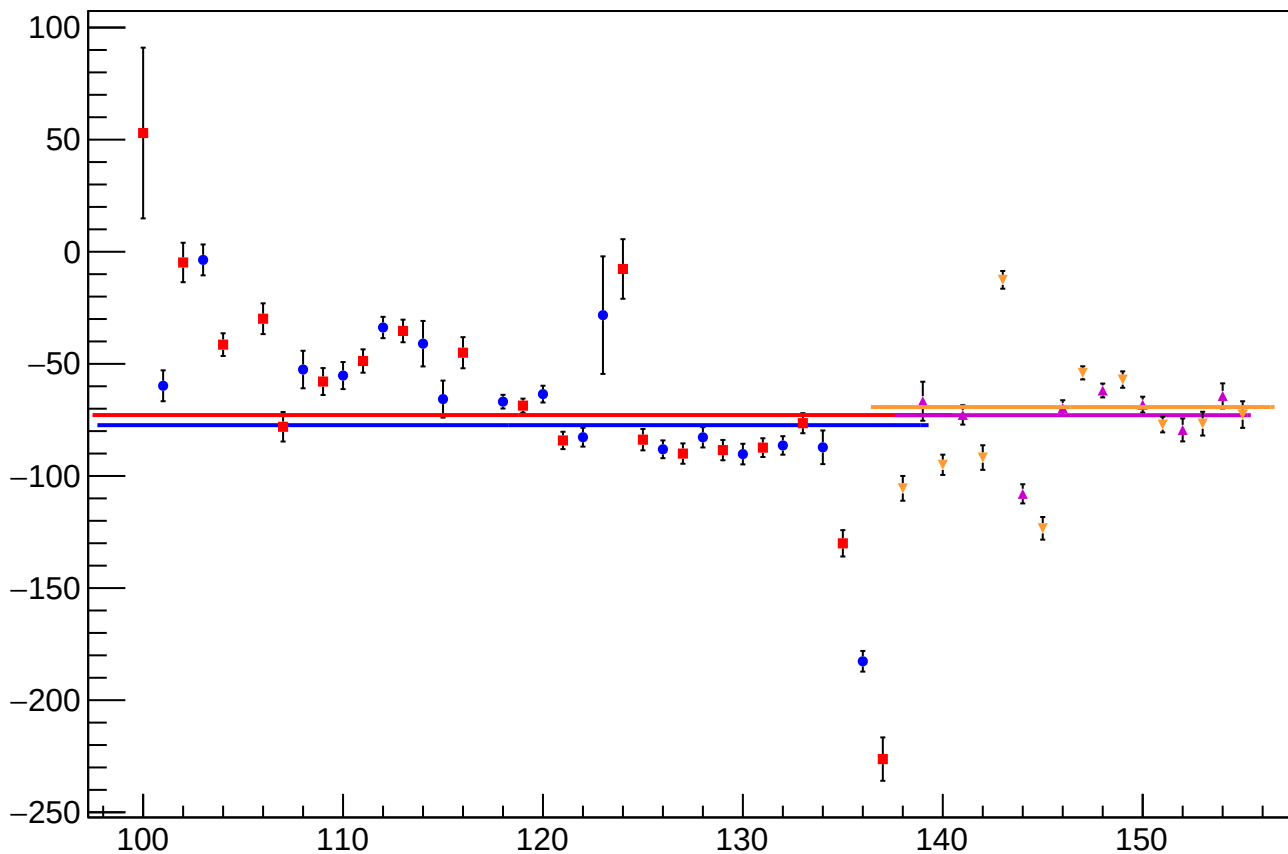
Left In: -241.197 ± 1.764 χ^2/NDF : 120.6/7

+ sign -211.624 ± 1.275 χ^2/NDF : 4274.5/26

All: -219.573 ± 0.910 χ^2/NDF : 6486.0/53

- sign -227.848 ± 1.301 χ^2/NDF : 2132.2/26

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -69.275 ± 1.343 χ^2/NDF : 458.5/9

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

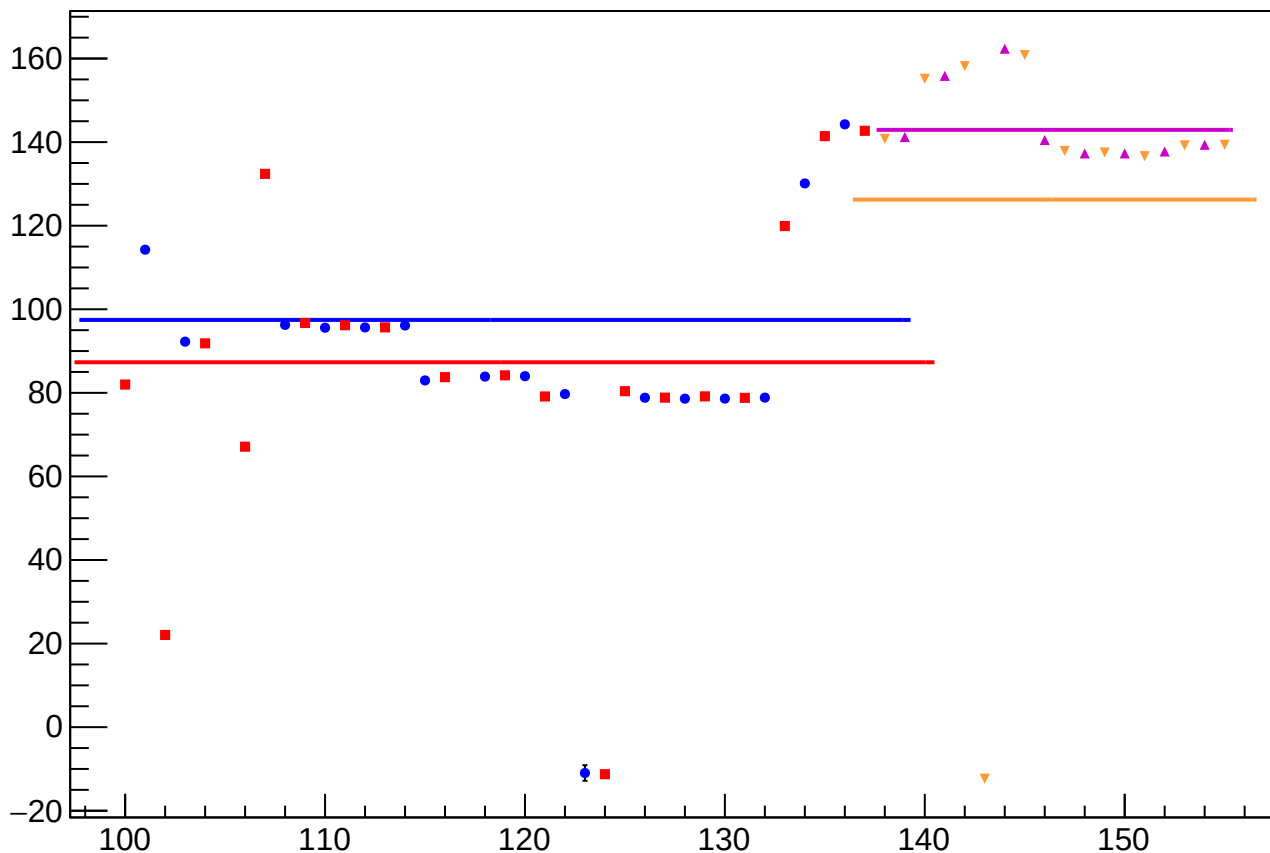
Left In: -72.896 ± 1.474 χ^2/NDF : 87.1/7

+ sign -73.697 ± 0.903 χ^2/NDF : 1295.5/26

All: -73.293 ± 0.649 χ^2/NDF : 2056.0/53

- sign -72.860 ± 0.934 χ^2/NDF : 760.0/26

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 ± 0.073 $\chi^2/\text{NDF}: 94476.4/16$

Left Out: 126.249 ± 0.068 $\chi^2/\text{NDF}: 539936.7/9$

Right Out: 87.315 ± 0.068 $\chi^2/\text{NDF}: 221837.7/18$

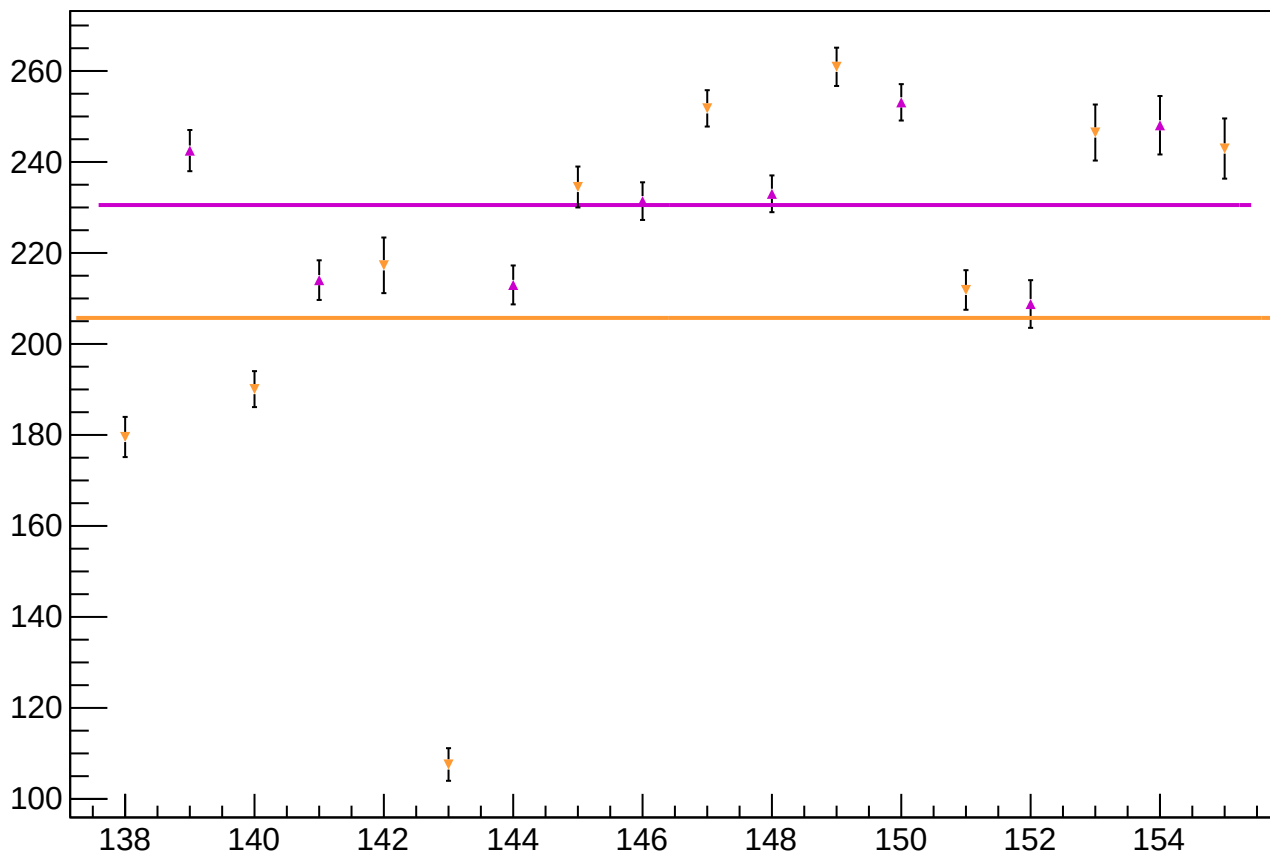
Left In: 142.933 ± 0.072 $\chi^2/\text{NDF}: 13252.1/7$

+ sign 112.886 ± 0.050 $\chi^2/\text{NDF}: 717217.3/26$

All: 113.183 ± 0.035 $\chi^2/\text{NDF}: 1264844.8/53$

- sign 113.477 ± 0.050 $\chi^2/\text{NDF}: 547557.2/26$

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: 205.725+/-1.428 χ^2/NDF :1227.1/9

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

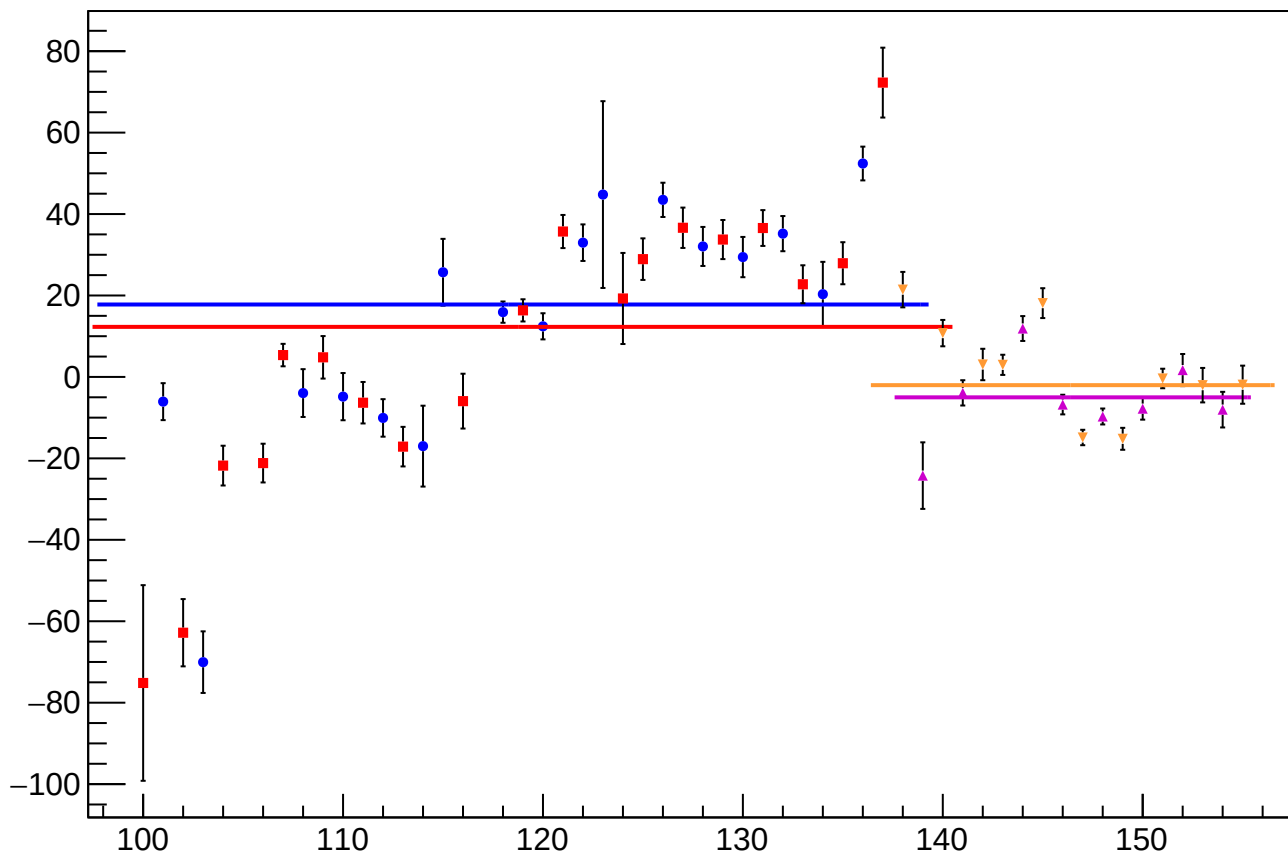
Left In: 230.535+/-1.583 χ^2/NDF :95.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.855+/-1.060 χ^2/NDF : 1457.7/17

- 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: 17.786 $\pm$ 1.146 χ^2 /NDF: 395.1/16

Left Out: -2.020 $\pm$ 0.935 χ^2 /NDF:151.0/9

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

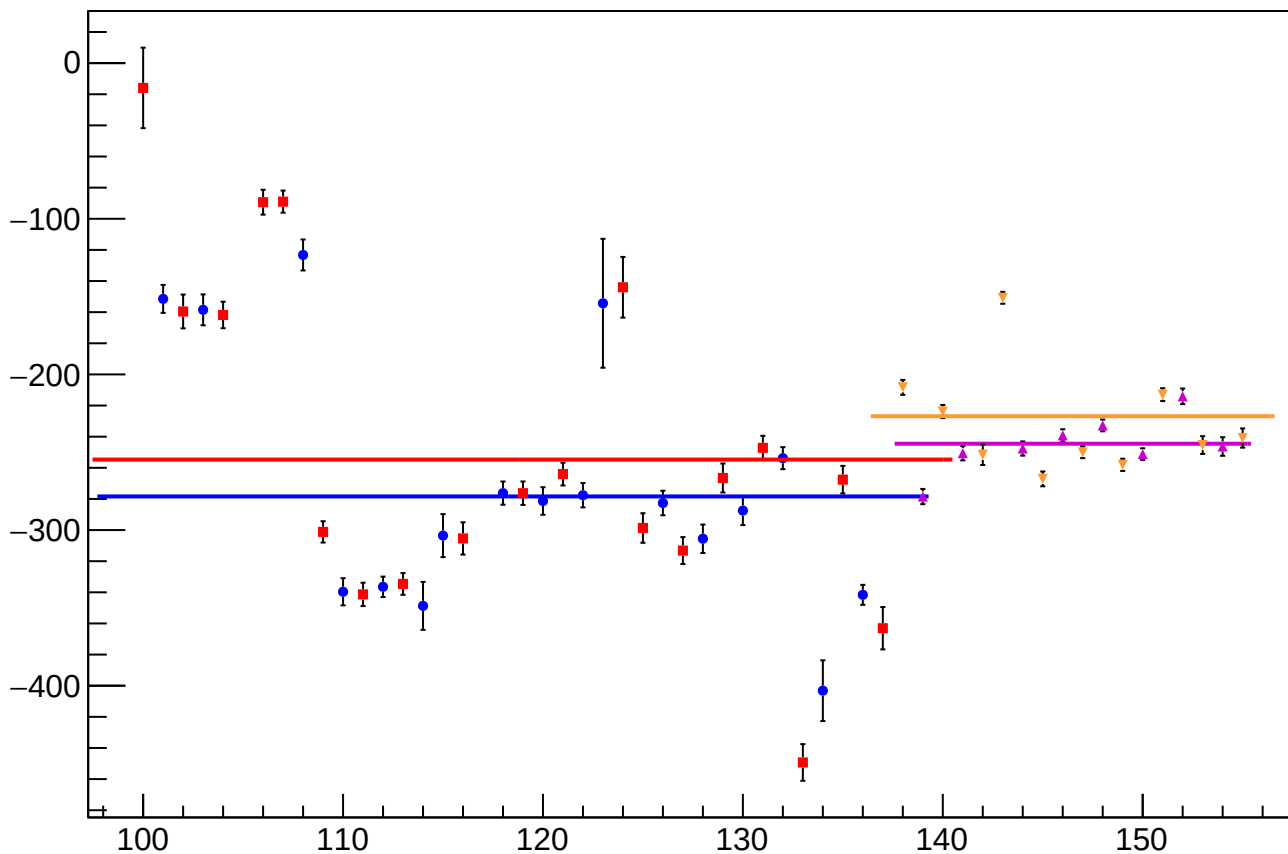
Left In: -5.013 $\pm$ 1.047 χ^2 /NDF:47.0/7

+ sign 5.888 $\pm$ 0.724 χ^2 /NDF: 725.4/26

All: 4.656 $\pm$ 0.522 χ^2 /NDF: 1353.9/53

- sign 3.322 $\pm$ 0.754 χ^2 /NDF: 622.4/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393+/-2.168 χ^2/NDF : 910.5/16

Left Out: -226.834+/-1.433 χ^2/NDF : 625.2/9

Right Out: -254.703+/-2.020 χ^2/NDF : 2038.5/18

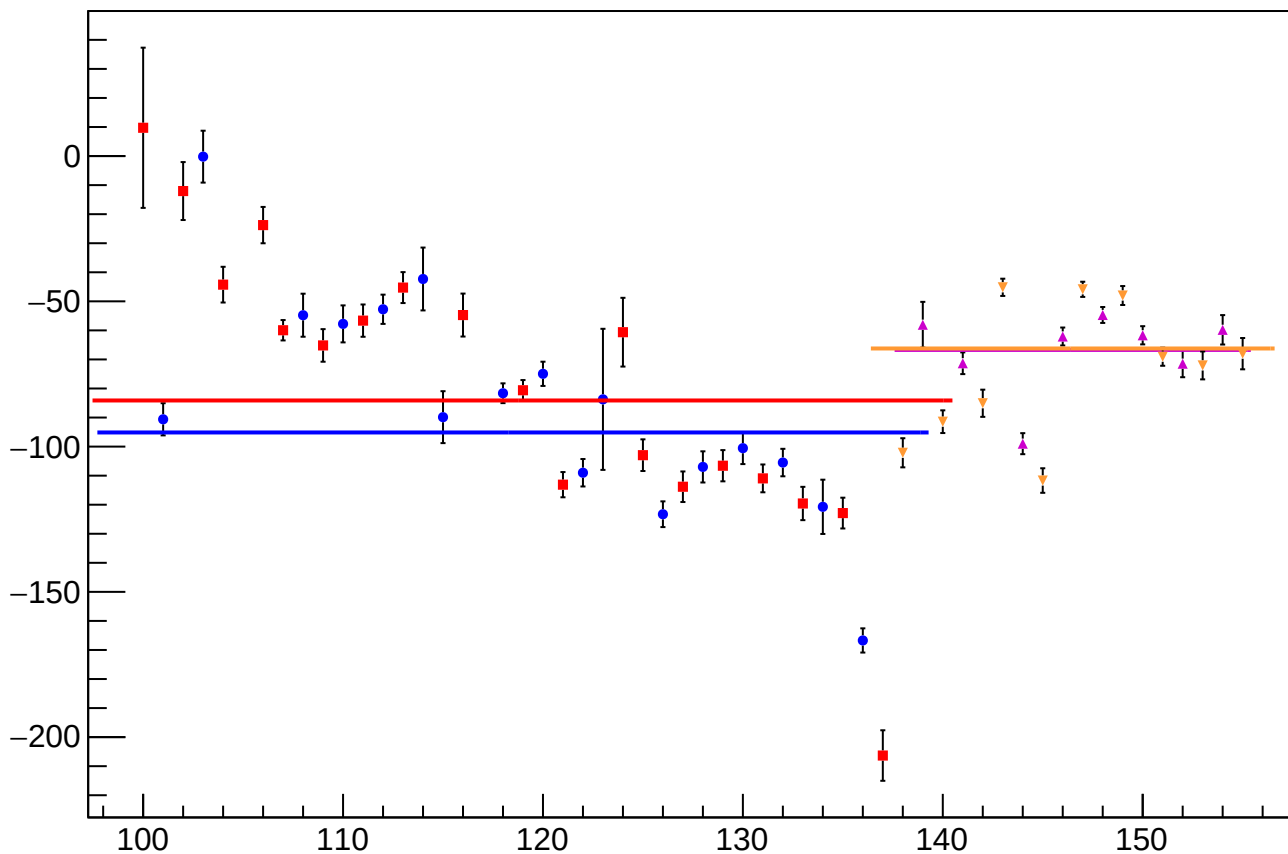
Left In: -244.518+/-1.564 χ^2/NDF : 101.8/7

+ sign -242.508+/-1.195 χ^2/NDF : 1929.5/26

All: -245.322+/-0.859 χ^2/NDF : 4097.2/53

- sign -248.335+/-1.237 χ^2/NDF : 2156.2/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.135 ± 1.322 χ^2/NDF : 674.9/16

Left Out: -66.229 ± 1.161 χ^2/NDF : 369.8/9

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

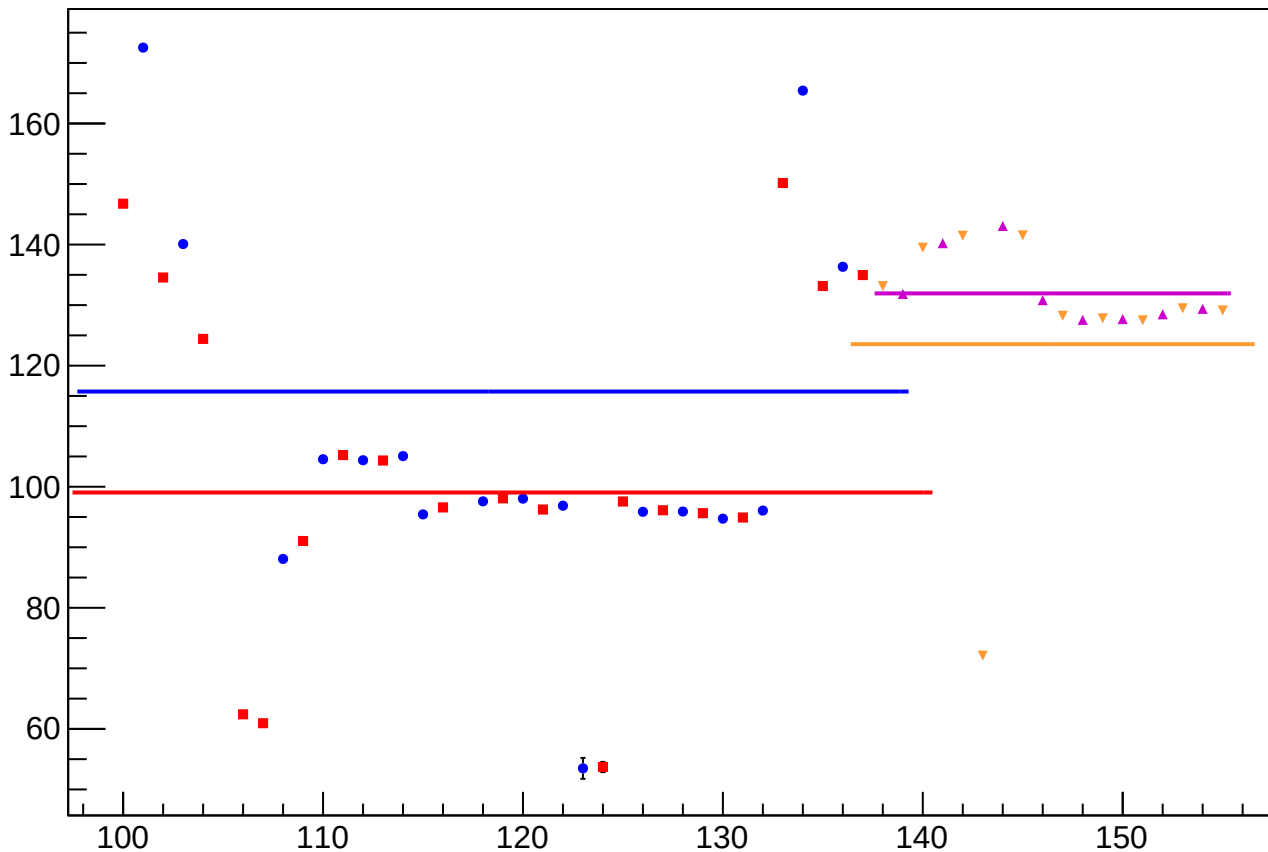
Left In: -66.722 ± 1.303 χ^2/NDF : 109.2/7

+ sign -78.810 ± 0.872 χ^2/NDF : 1314.5/26

All: -77.322 ± 0.628 χ^2/NDF : 2305.0/53

- sign -75.721 ± 0.905 χ^2/NDF : 984.4/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.724 $\pm$ 0.078 χ^2/NDF : 106388.1/16

Left Out: 123.551 $\pm$ 0.059 χ^2/NDF : 139713.4/9

Right Out: 99.049 $\pm$ 0.069 χ^2/NDF : 173463.3/18

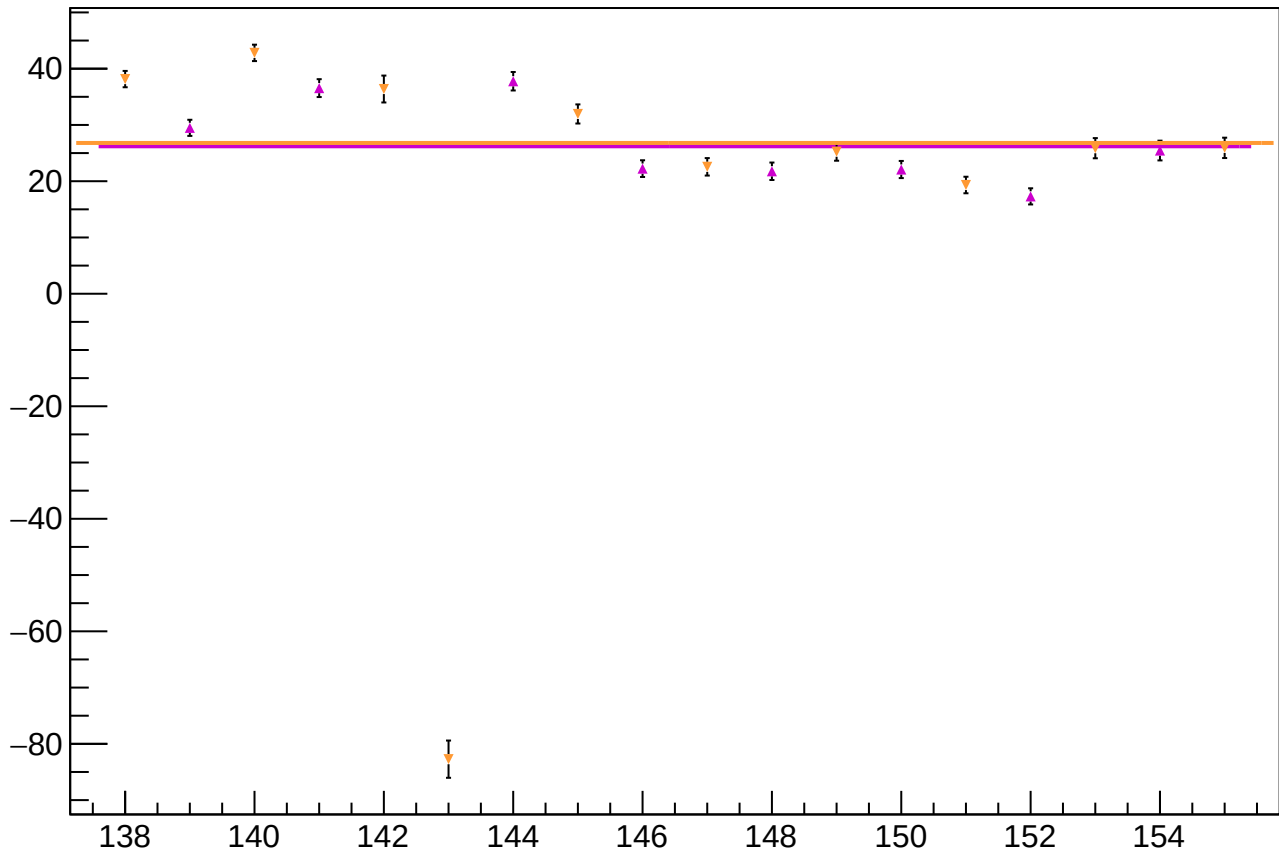
Left In: 131.934 $\pm$ 0.064 χ^2/NDF : 6988.2/7

+ sign 120.692 $\pm$ 0.047 χ^2/NDF : 252496.1/26

All: 118.601 $\pm$ 0.033 χ^2/NDF : 559379.5/53

- sign 116.533 $\pm$ 0.047 χ^2/NDF : 302970.2/26

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



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

Left Out: 26.800+/-0.539 χ^2/NDF :1336.1/9

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

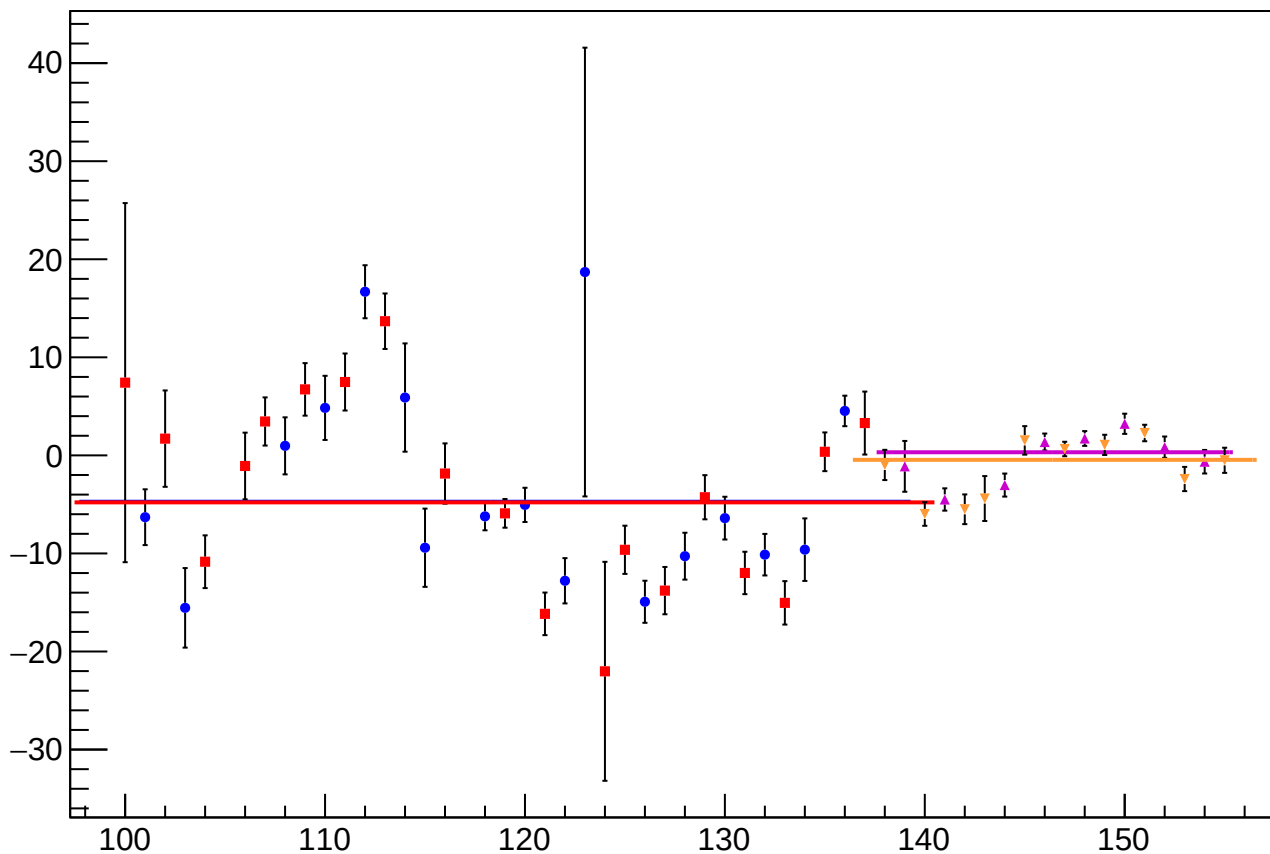
Left In: 26.207+/-0.545 χ^2/NDF :158.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.507+/-0.383 χ^2/NDF : 1495.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -0.455 ± 0.361 χ^2/NDF : 54.6/9

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

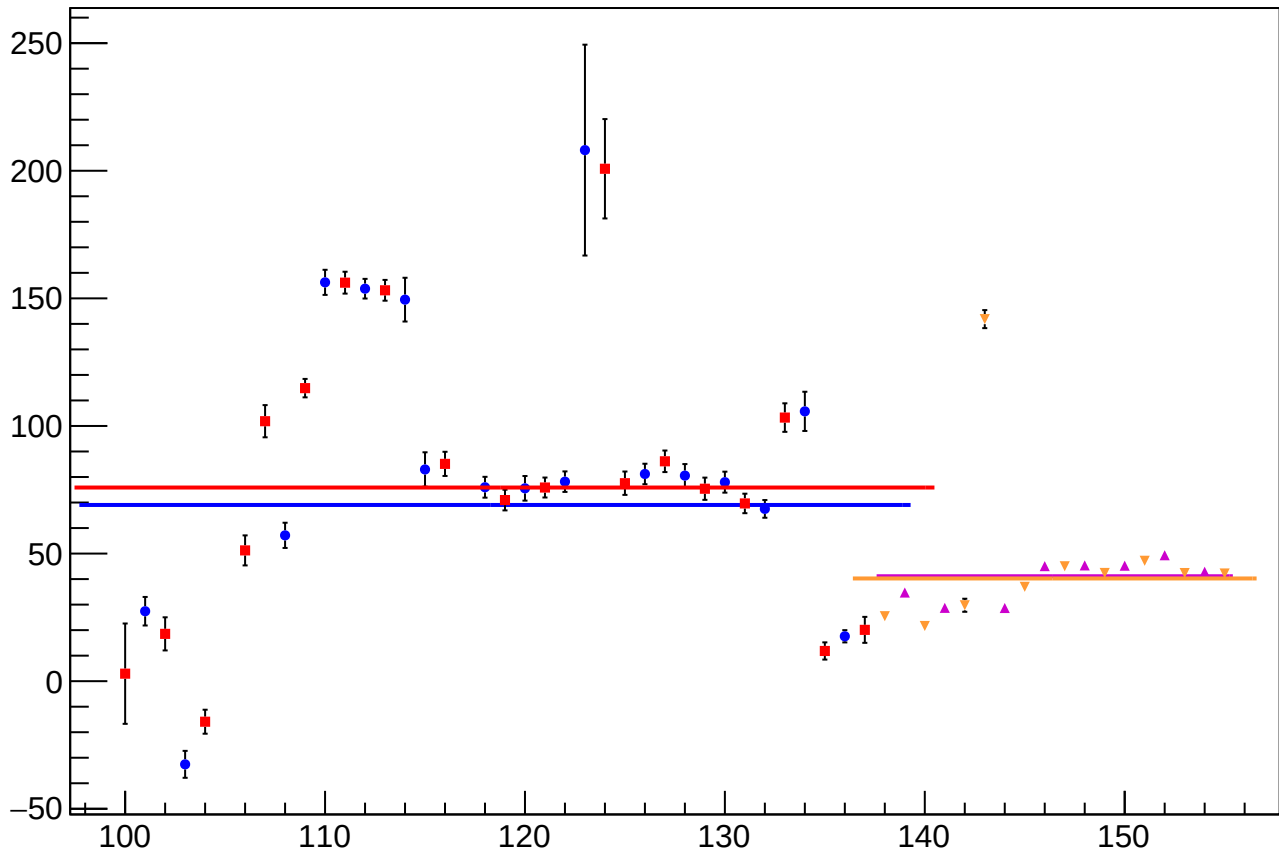
Left In: 0.318 ± 0.372 χ^2/NDF : 40.1/7

+ sign -1.651 ± 0.307 χ^2/NDF : 268.6/26

All: -1.408 ± 0.219 χ^2/NDF : 557.7/53

- sign -1.152 ± 0.314 χ^2/NDF : 287.8/26

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048+/-1.077 χ^2/NDF : 1847.9/16

Left Out: 40.245+/-0.534 χ^2/NDF : 1119.1/9

Right Out: 75.878+/-1.069 χ^2/NDF : 1895.0/18

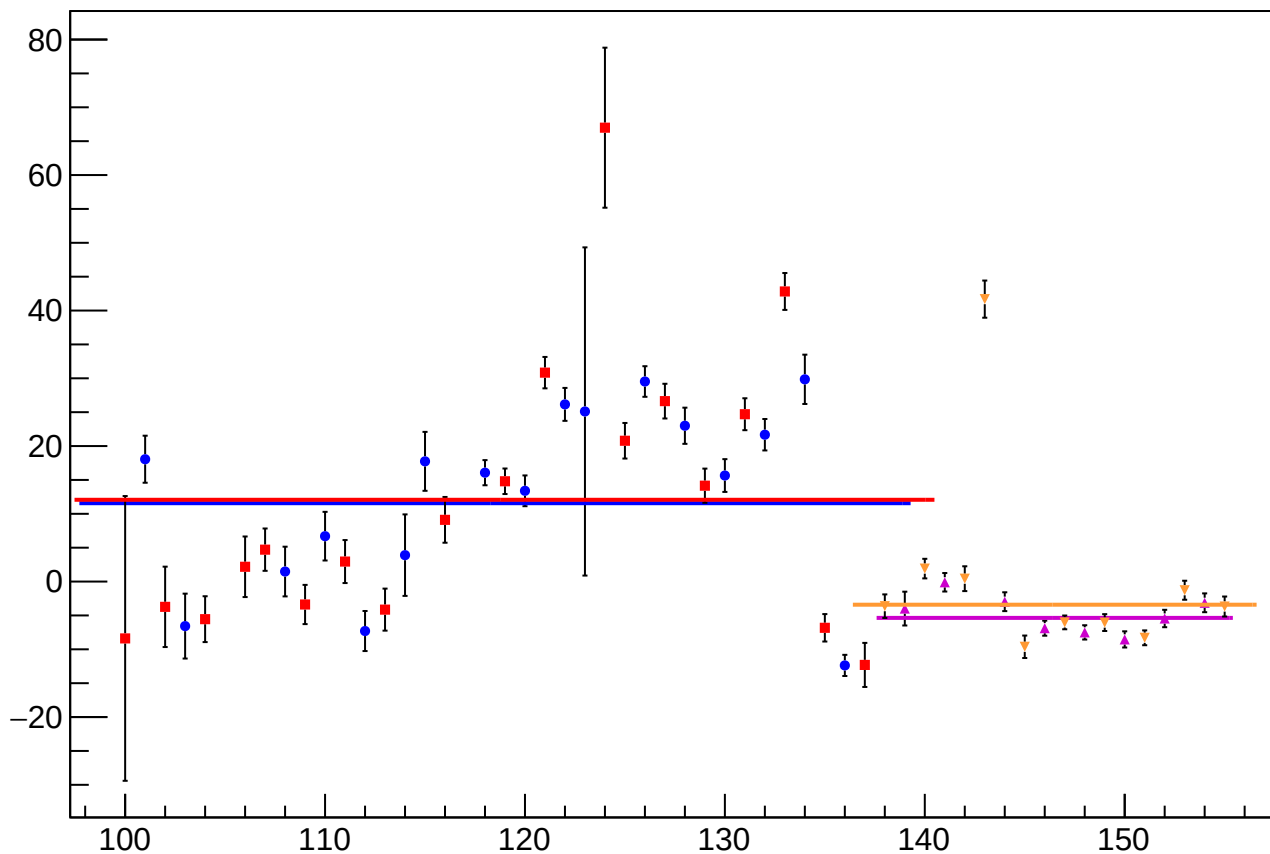
Left In: 41.115+/-0.538 χ^2/NDF : 182.6/7

+ sign 45.933+/-0.478 χ^2/NDF : 3541.3/26

All: 47.028+/-0.339 χ^2/NDF : 6472.7/53

- sign 48.133+/-0.481 χ^2/NDF : 2920.8/26

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.565 $\pm$ 0.658 χ^2 /NDF: 478.2/16

Left Out: -3.415 $\pm$ 0.446 χ^2 /NDF: 335.8/9

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

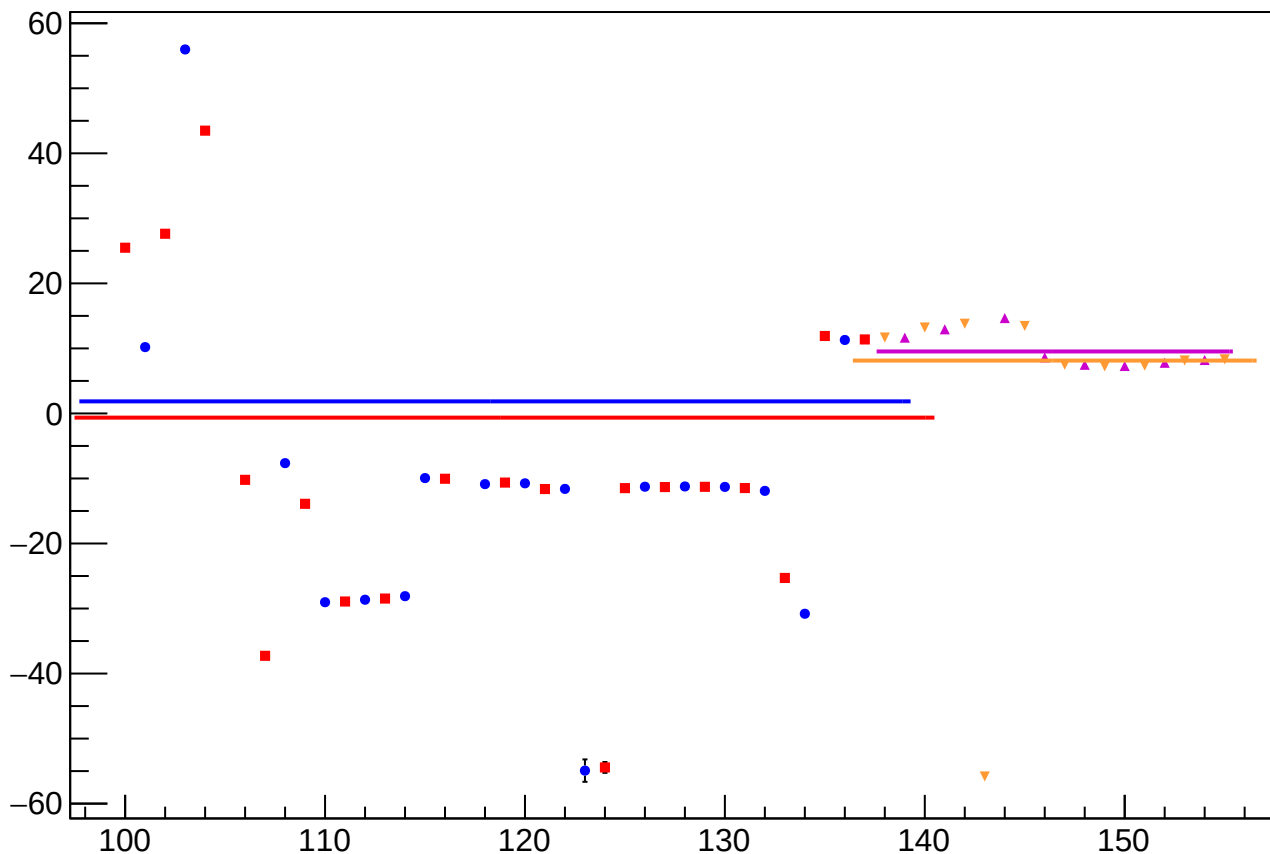
Left In: -5.362 $\pm$ 0.459 χ^2 /NDF: 33.7/7

+ sign 1.299 $\pm$ 0.369 χ^2 /NDF: 1169.0/26

All: 0.793 $\pm$ 0.264 χ^2 /NDF: 2216.0/53

- sign 0.265 $\pm$ 0.378 χ^2 /NDF: 1043.2/26

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.855 ± 0.037 χ^2/NDF : 359414.1/16

Left Out: 8.130 ± 0.022 χ^2/NDF : 222435.6/9

Right Out: -0.644 ± 0.037 χ^2/NDF : 361625.7/18

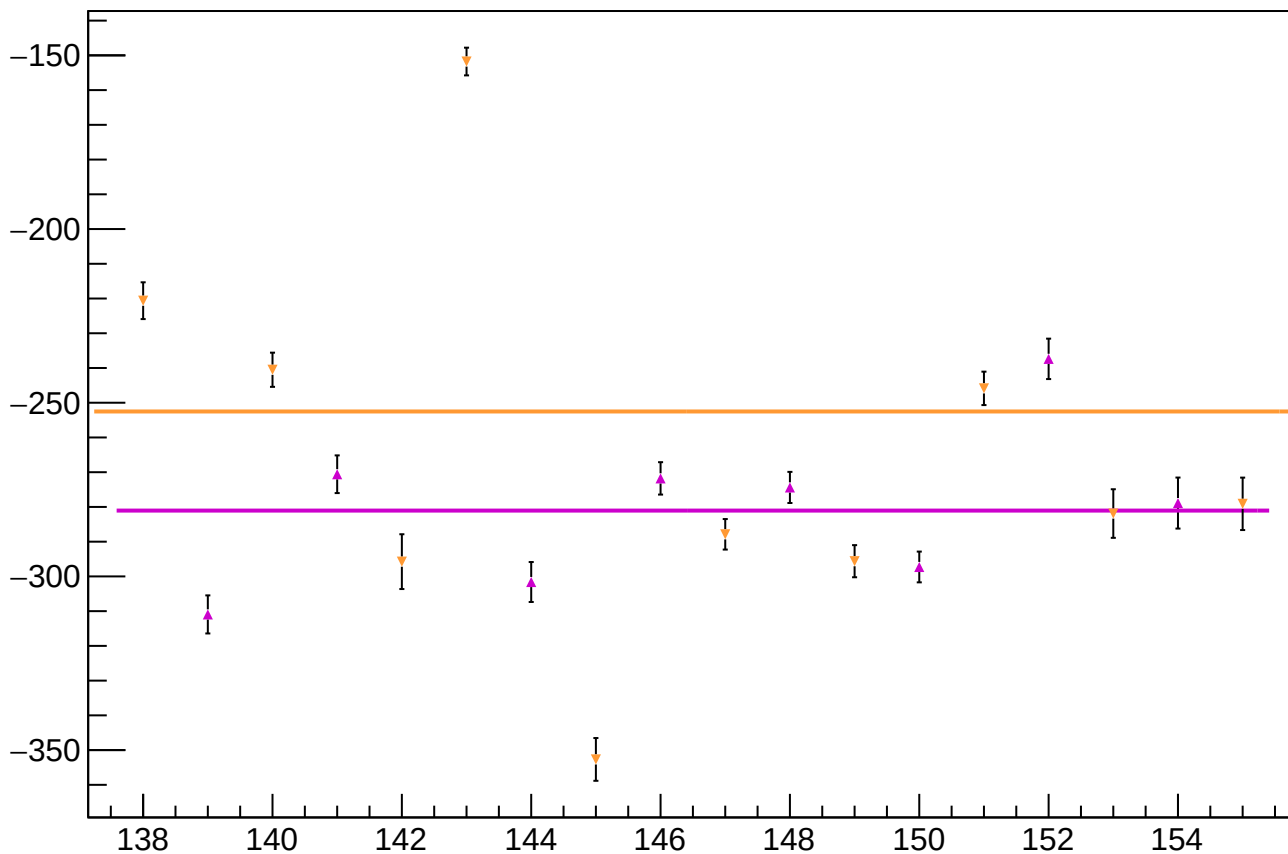
Left In: 9.530 ± 0.022 χ^2/NDF : 12643.2/7

+ sign 6.531 ± 0.019 χ^2/NDF : 603283.2/26

All: 6.726 ± 0.013 χ^2/NDF : 1033844.9/53

- sign 6.922 ± 0.019 χ^2/NDF : 430343.1/26

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: -252.518+/-1.662 χ^2/NDF : 1158.3/9

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

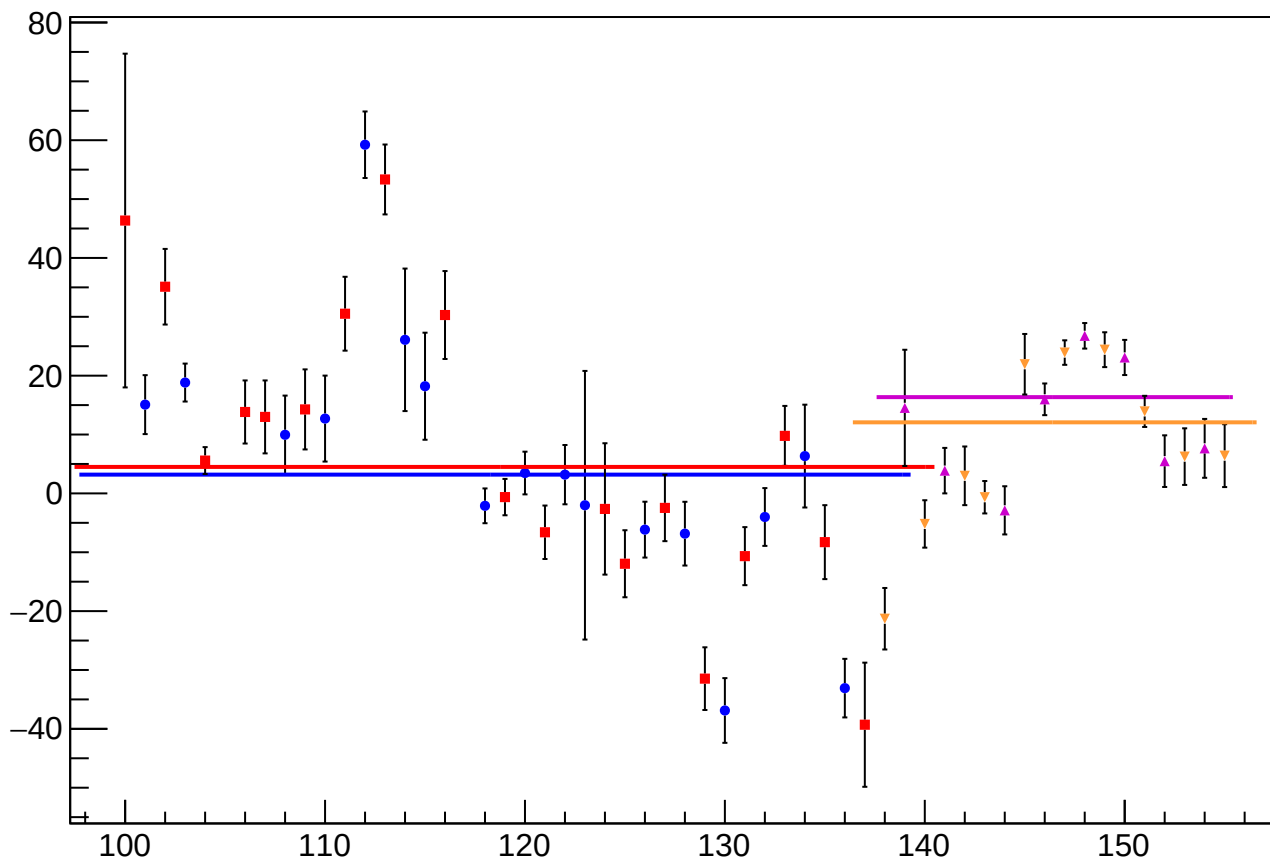
Left In: -281.049+/-1.849 χ^2/NDF : 122.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -265.266+/-1.236 χ^2/NDF : 1412.3/17

- 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: 3.188 ± 1.225 χ^2/NDF : 255.6/16

Left Out: 12.072 ± 1.069 χ^2/NDF : 140.4/9

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

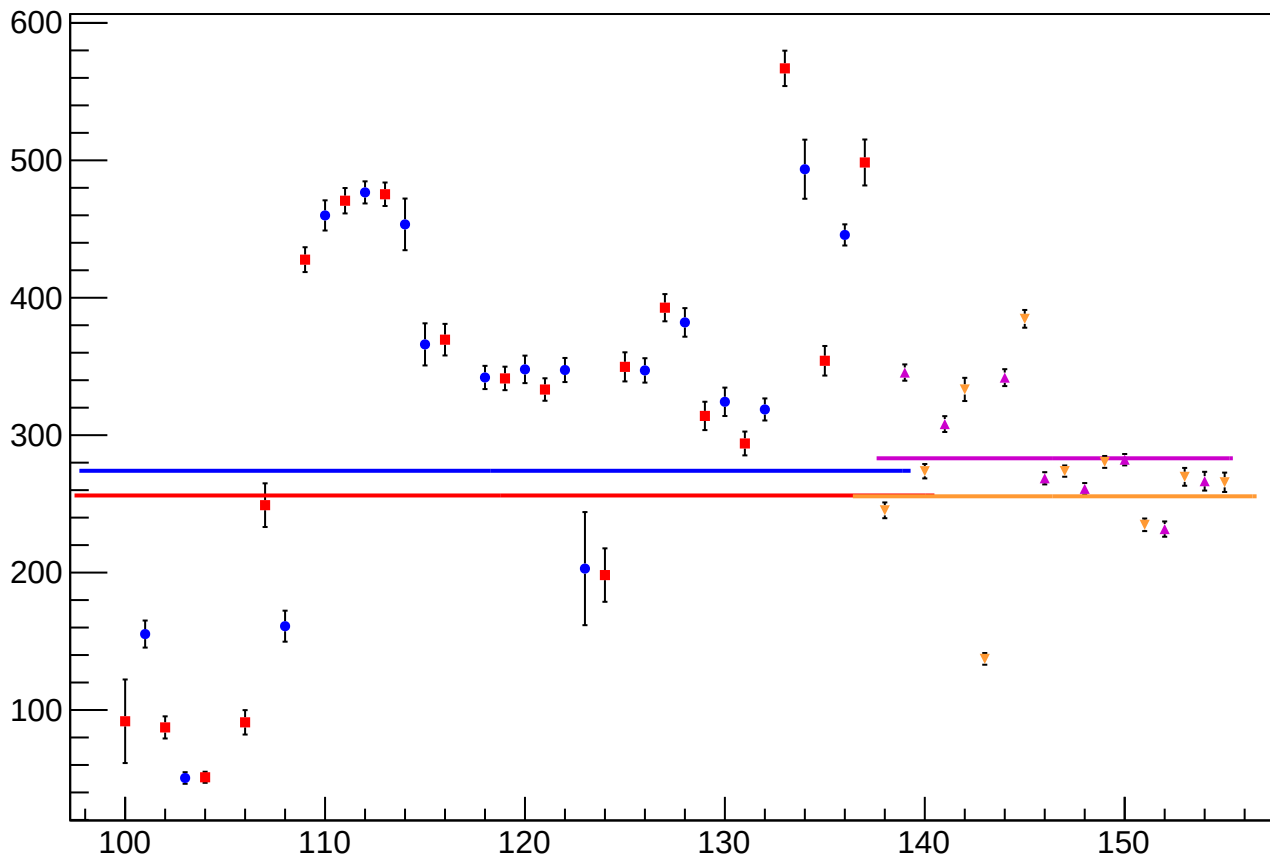
Left In: 16.354 ± 1.203 χ^2/NDF : 69.9/7

+ sign 8.230 ± 0.806 χ^2/NDF : 425.9/26

All: 9.185 ± 0.580 χ^2/NDF : 774.4/53

- sign 10.210 ± 0.835 χ^2/NDF : 345.7/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 $\pm$ 2.191 χ^2 /NDF: 5112.0/16

Left Out: 255.512 $\pm$ 1.657 χ^2 /NDF:1353.1/9

Right Out: 256.109 $\pm$ 2.080 χ^2 /NDF: 6444.1/18

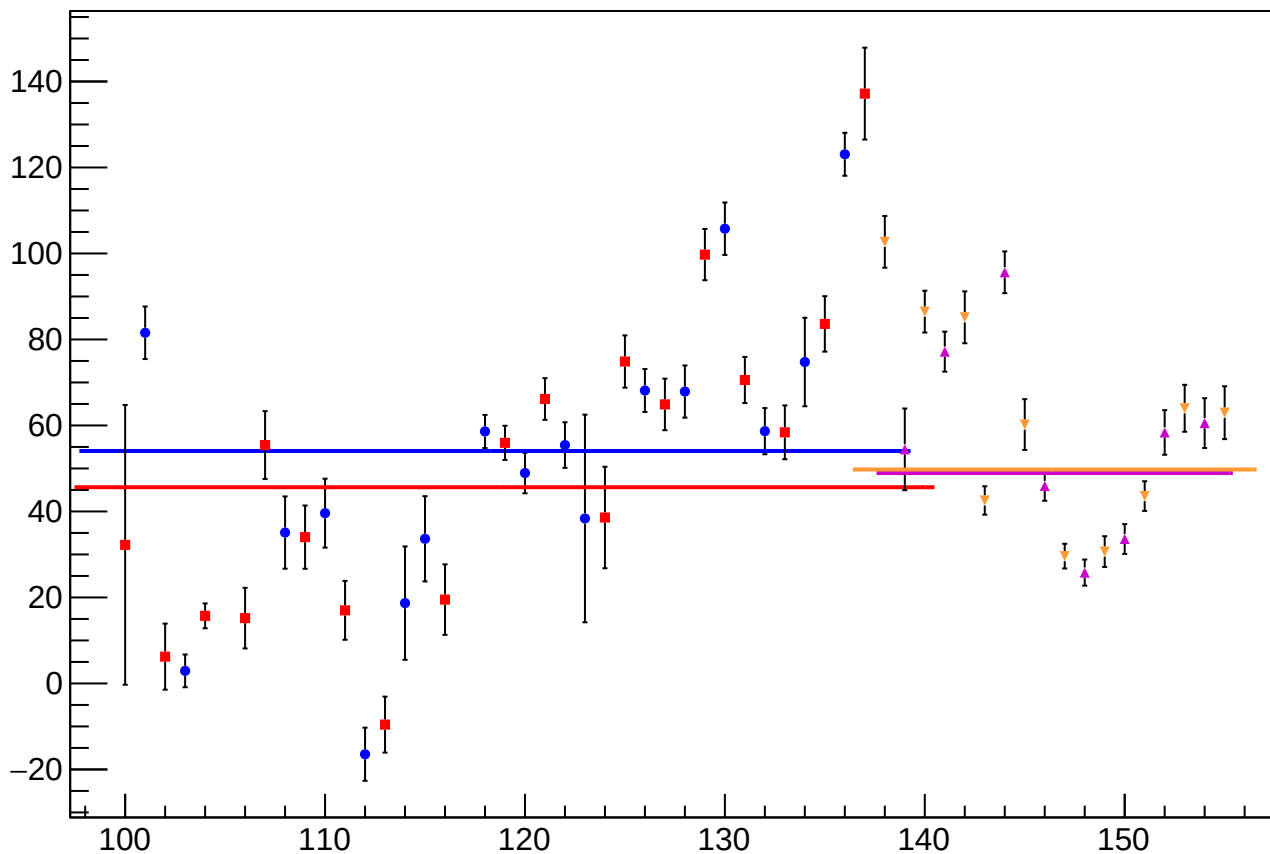
Left In: 283.172 $\pm$ 1.814 χ^2 /NDF:350.4/7

+ sign 262.266 $\pm$ 1.321 χ^2 /NDF: 6510.7/26

All: 266.719 $\pm$ 0.950 χ^2 /NDF: 13424.8/53

- sign 271.485 $\pm$ 1.367 χ^2 /NDF: 6890.6/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.065 $\pm$ 1.421 χ^2 /NDF: 634.4/16

Left Out: 49.757 $\pm$ 1.335 χ^2 /NDF: 269.1/9

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

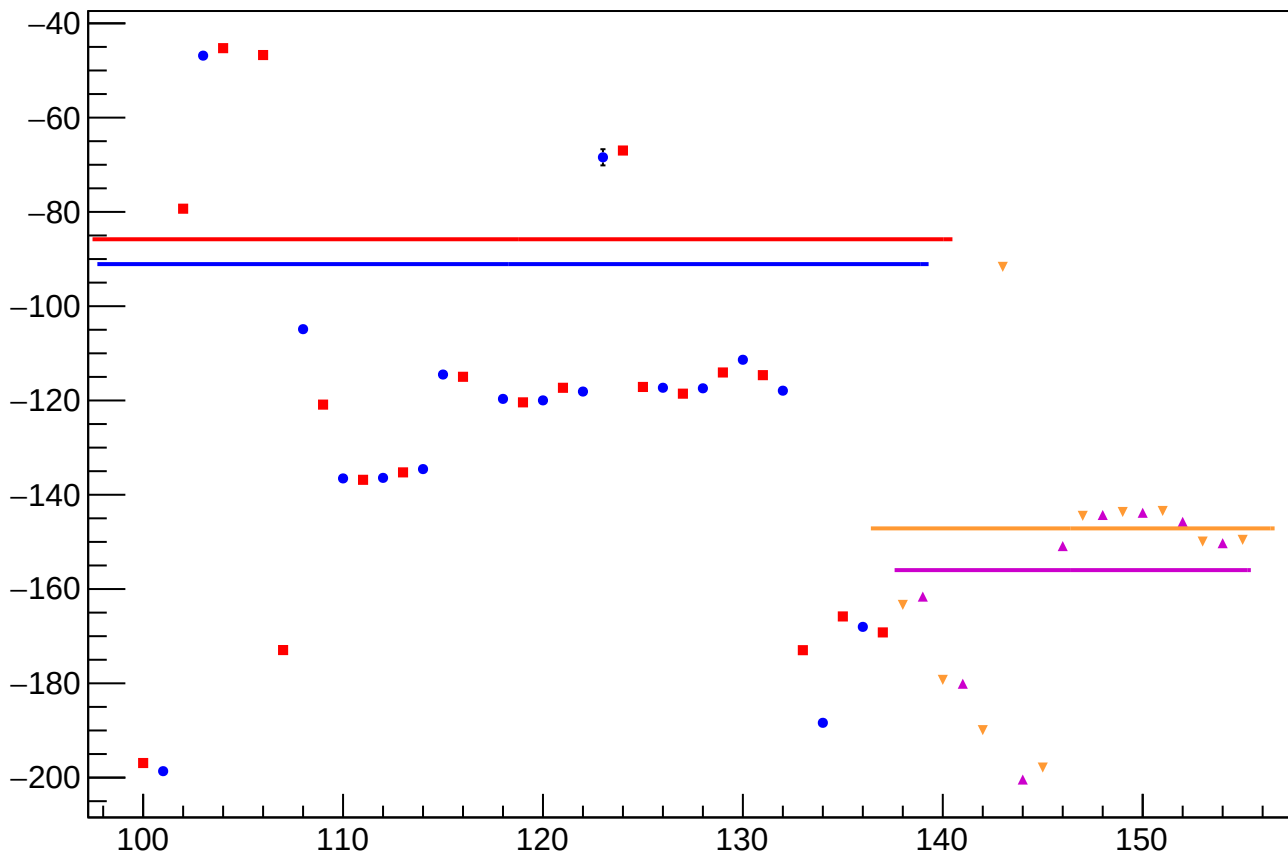
Left In: 48.933 $\pm$ 1.503 χ^2 /NDF: 215.3/7

+ sign 51.777 $\pm$ 0.973 χ^2 /NDF: 908.4/26

All: 49.532 $\pm$ 0.700 χ^2 /NDF: 1668.2/53

- sign 47.119 $\pm$ 1.008 χ^2 /NDF: 748.8/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 ± 0.068 χ^2/NDF : 534647.5/16

Left Out: -147.135 ± 0.069 χ^2/NDF : 186770.4/9

Right Out: -85.803 ± 0.065 χ^2/NDF : 495895.1/18

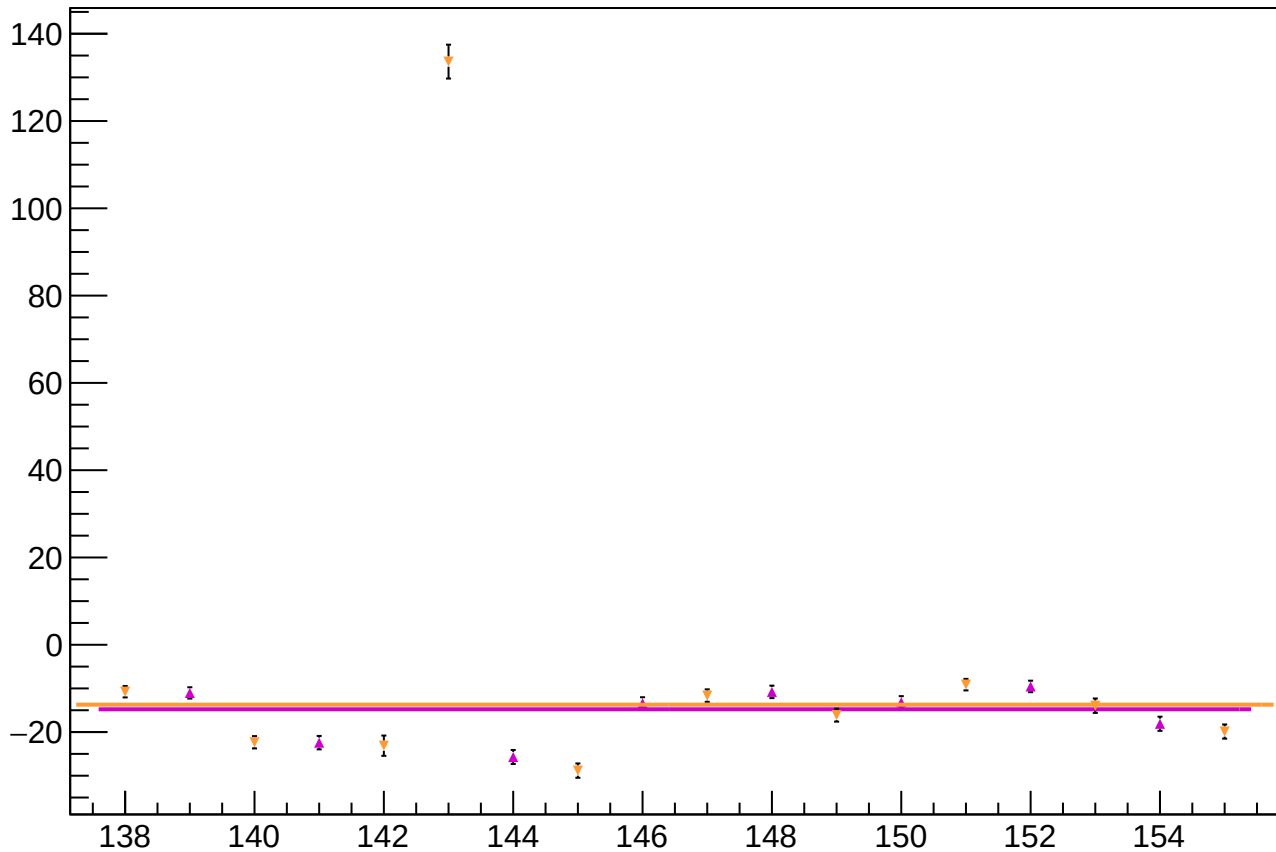
Left In: -155.985 ± 0.075 χ^2/NDF : 50854.3/7

+ sign -118.647 ± 0.048 χ^2/NDF : 1060391.4/26

All: -117.384 ± 0.034 χ^2/NDF : 2110726.2/53

- sign -116.073 ± 0.049 χ^2/NDF : 1048931.7/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.723+/-0.503 χ^2/NDF :1615.2/9

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

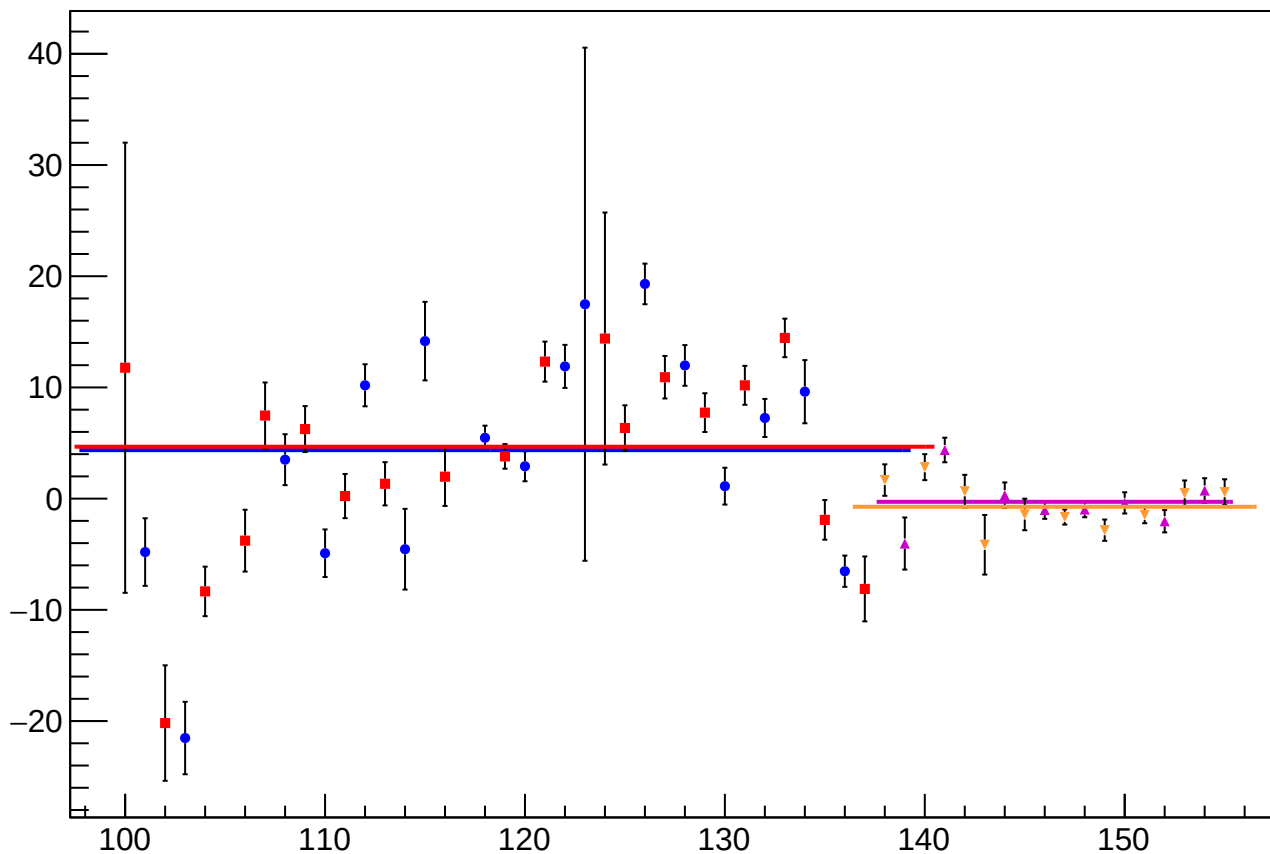
Left In: -14.780+/-0.507 χ^2/NDF :109.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.246+/-0.357 χ^2/NDF : 1726.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 4.361 ± 0.464 χ^2/NDF : 286.5/16

Left Out: -0.732 ± 0.336 χ^2/NDF : 25.0/9

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

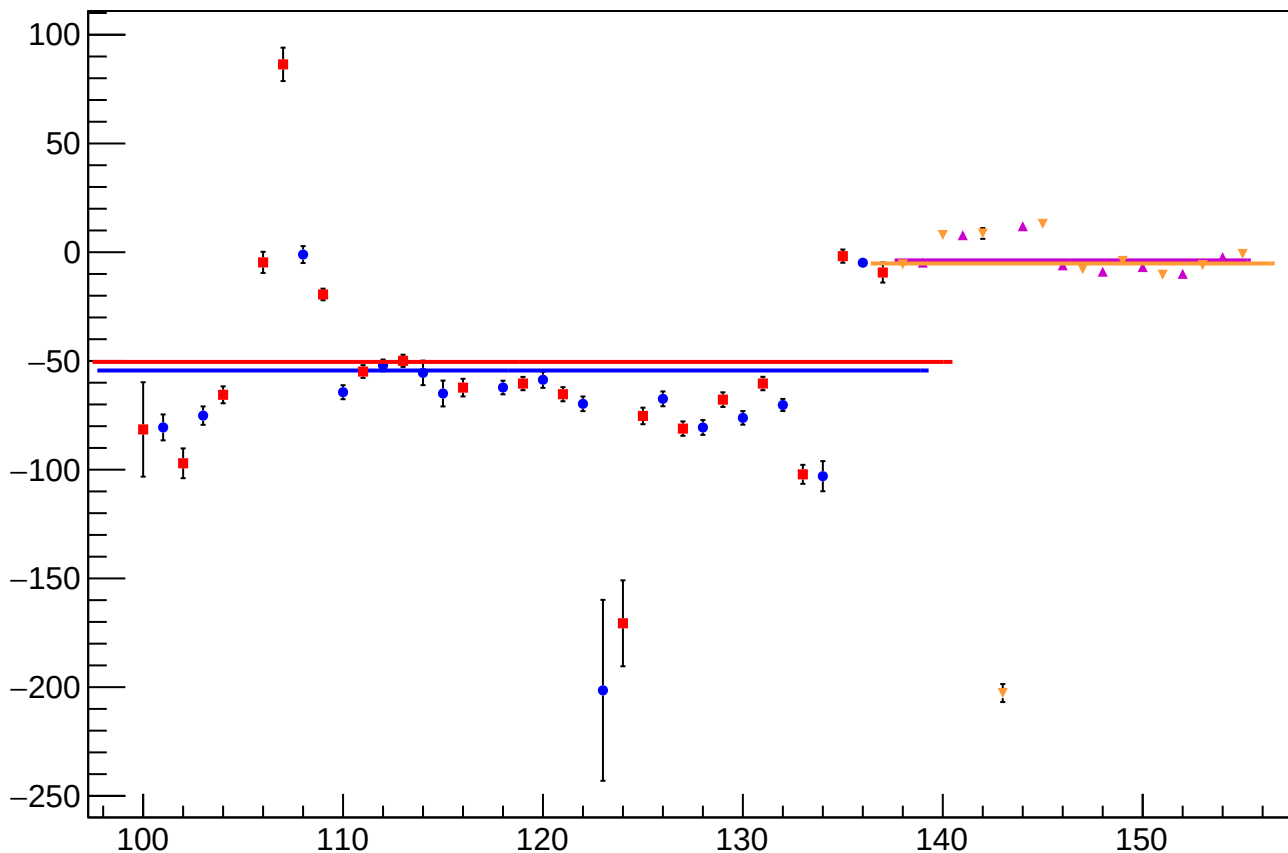
Left In: -0.287 ± 0.347 χ^2/NDF : 26.3/7

+ sign 1.015 ± 0.272 χ^2/NDF : 390.6/26

All: 1.223 ± 0.195 χ^2/NDF : 674.6/53

- sign 1.443 ± 0.280 χ^2/NDF : 282.8/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392 ± 0.863 χ^2/NDF : 1013.4/16

Left Out: -5.180 ± 0.497 χ^2/NDF : 2523.3/9

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

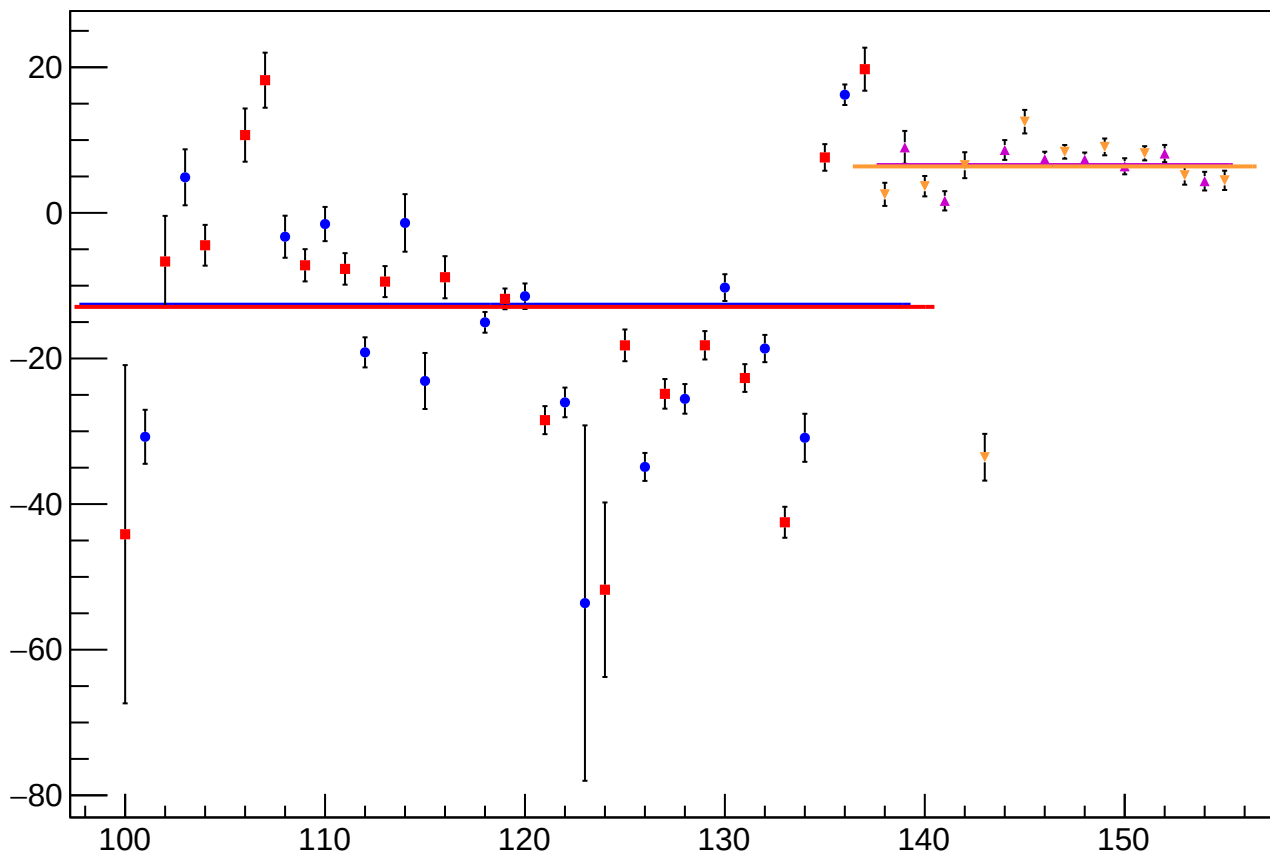
Left In: -3.761 ± 0.500 χ^2/NDF : 182.5/7

+ sign -17.433 ± 0.430 χ^2/NDF : 5981.6/26

All: -16.525 ± 0.305 χ^2/NDF : 9709.4/53

- sign -15.610 ± 0.432 χ^2/NDF : 3718.9/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.616 ± 0.530 χ^2/NDF : 788.2/16

Left Out: 6.380 ± 0.415 χ^2/NDF : 195.1/9

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

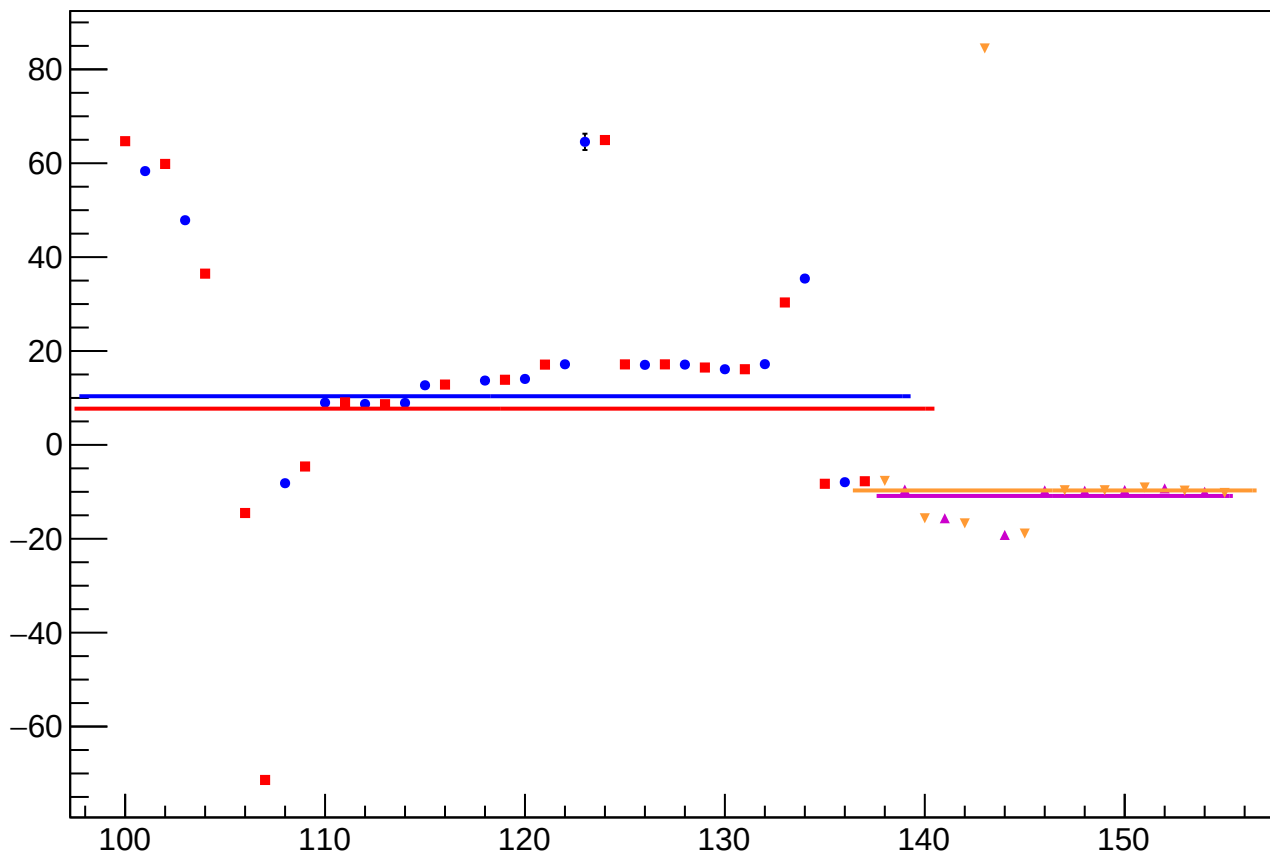
Left In: 6.568 ± 0.428 χ^2/NDF : 23.2/7

+ sign -0.837 ± 0.327 χ^2/NDF : 1779.3/26

All: -0.906 ± 0.234 χ^2/NDF : 3335.4/53

- sign -0.979 ± 0.335 χ^2/NDF : 1556.0/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 10.366+/-0.031 χ^2/NDF : 381003.5/16

Left Out: -9.705+/-0.020 χ^2/NDF : 354556.0/9

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

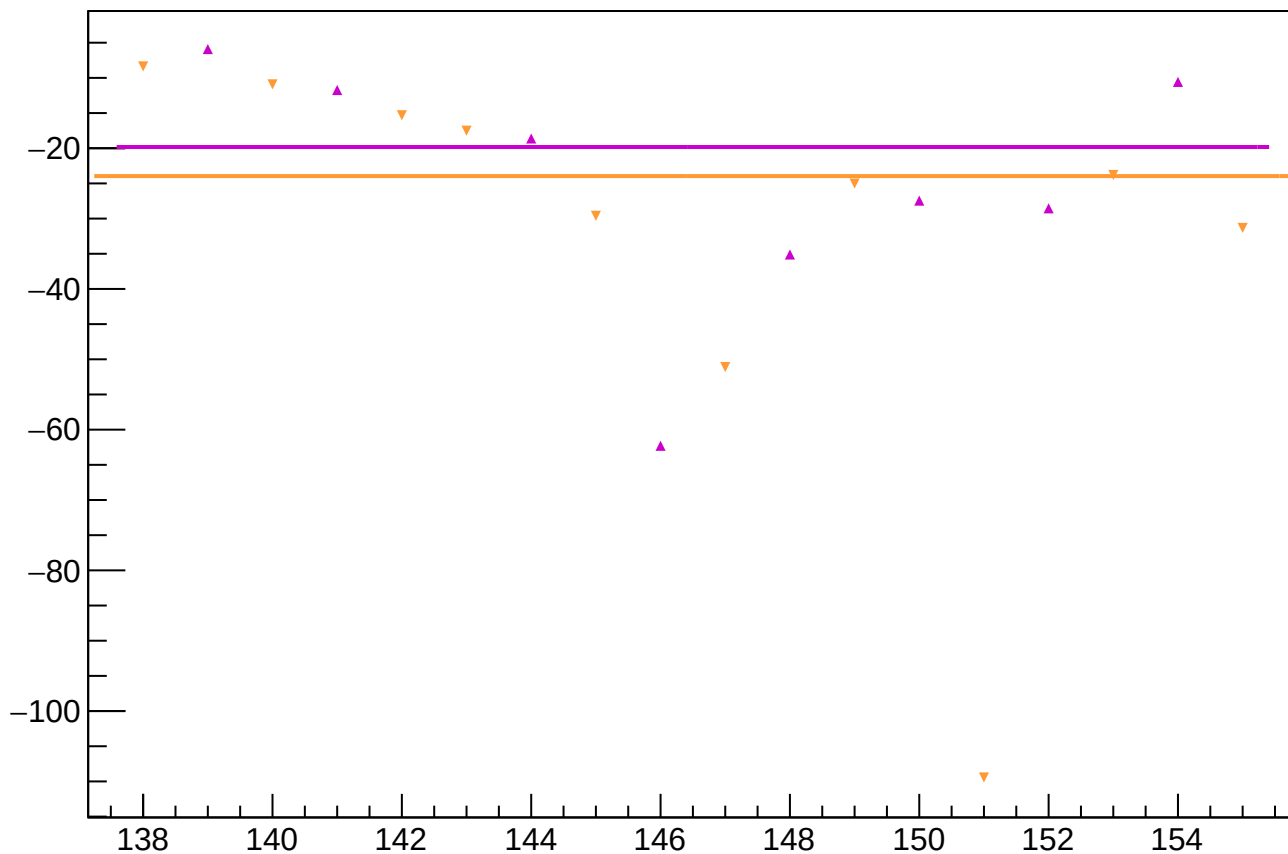
Left In: -10.878+/-0.020 χ^2/NDF : 20703.5/7

+ sign -3.647+/-0.017 χ^2/NDF : 1037176.3/26

All: -4.516+/-0.012 χ^2/NDF : 1858226.4/53

- sign -5.404+/-0.017 χ^2/NDF : 815622.0/26

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.959+/-0.088 χ^2/NDF :49698.2/9

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

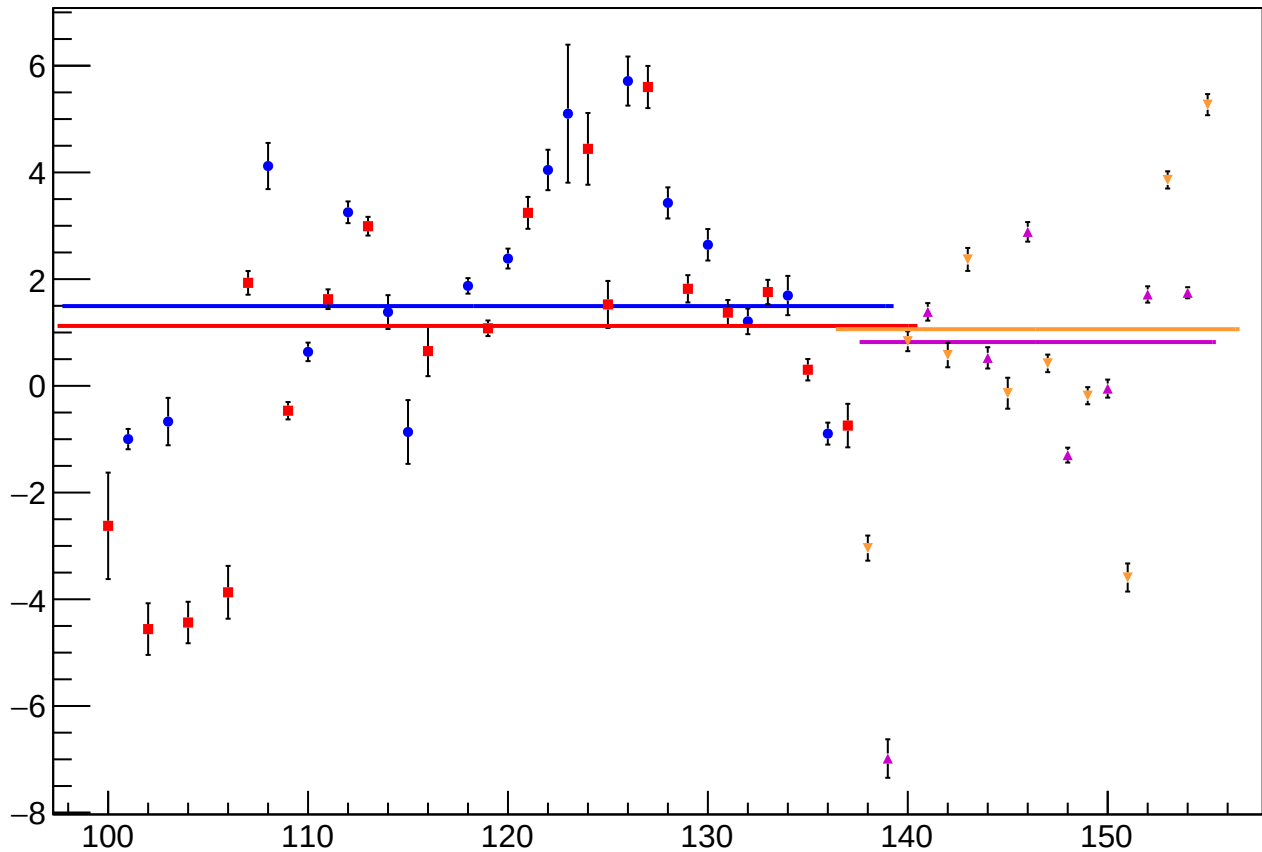
Left In: -19.825+/-0.080 χ^2/NDF :33489.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.691+/-0.059 χ^2/NDF : 84407.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.495 ± 0.061 χ^2/NDF : 708.8/16

Left Out: 1.062 ± 0.063 χ^2/NDF : 1504.9/9

Right Out: 1.123 ± 0.058 χ^2/NDF : 946.5/18

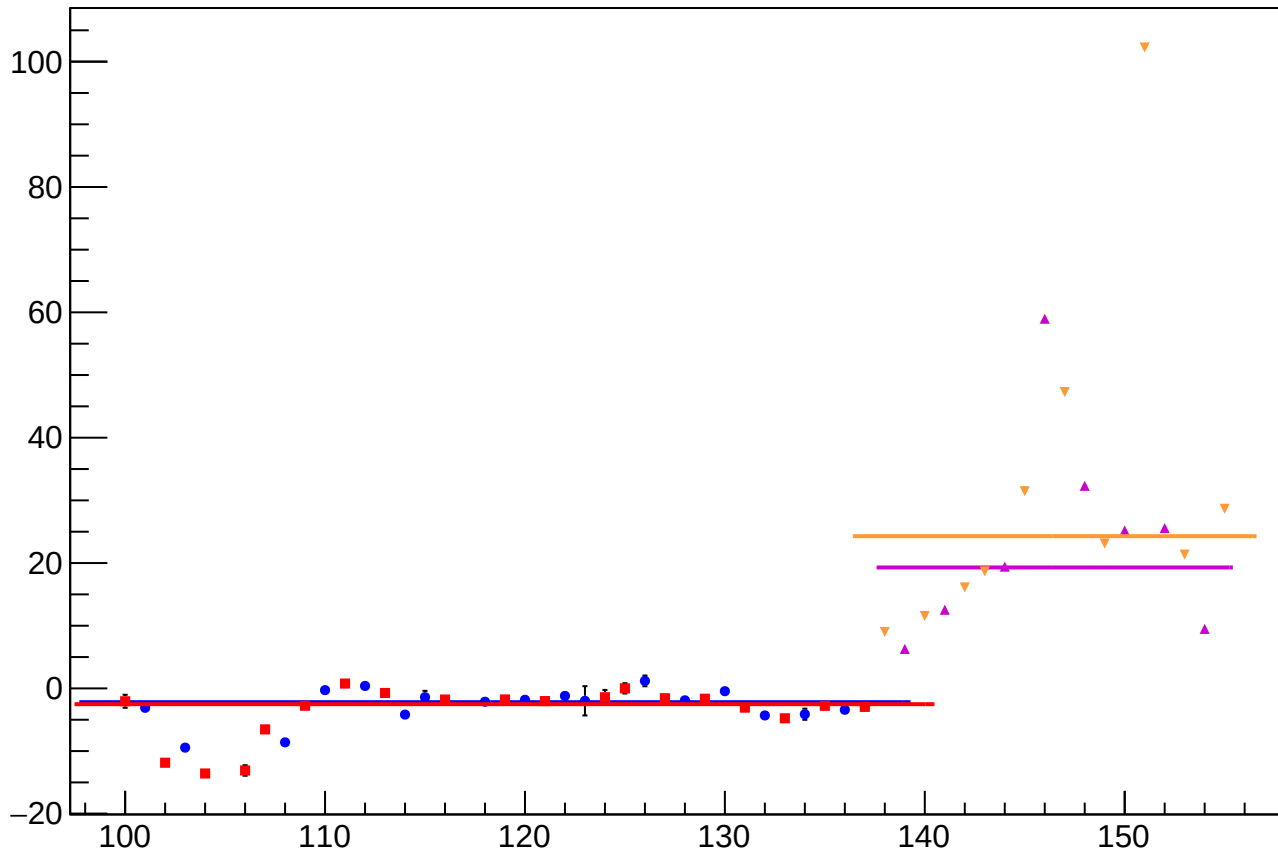
Left In: 0.821 ± 0.056 χ^2/NDF : 978.3/7

+ sign 1.285 ± 0.044 χ^2/NDF : 2238.1/26

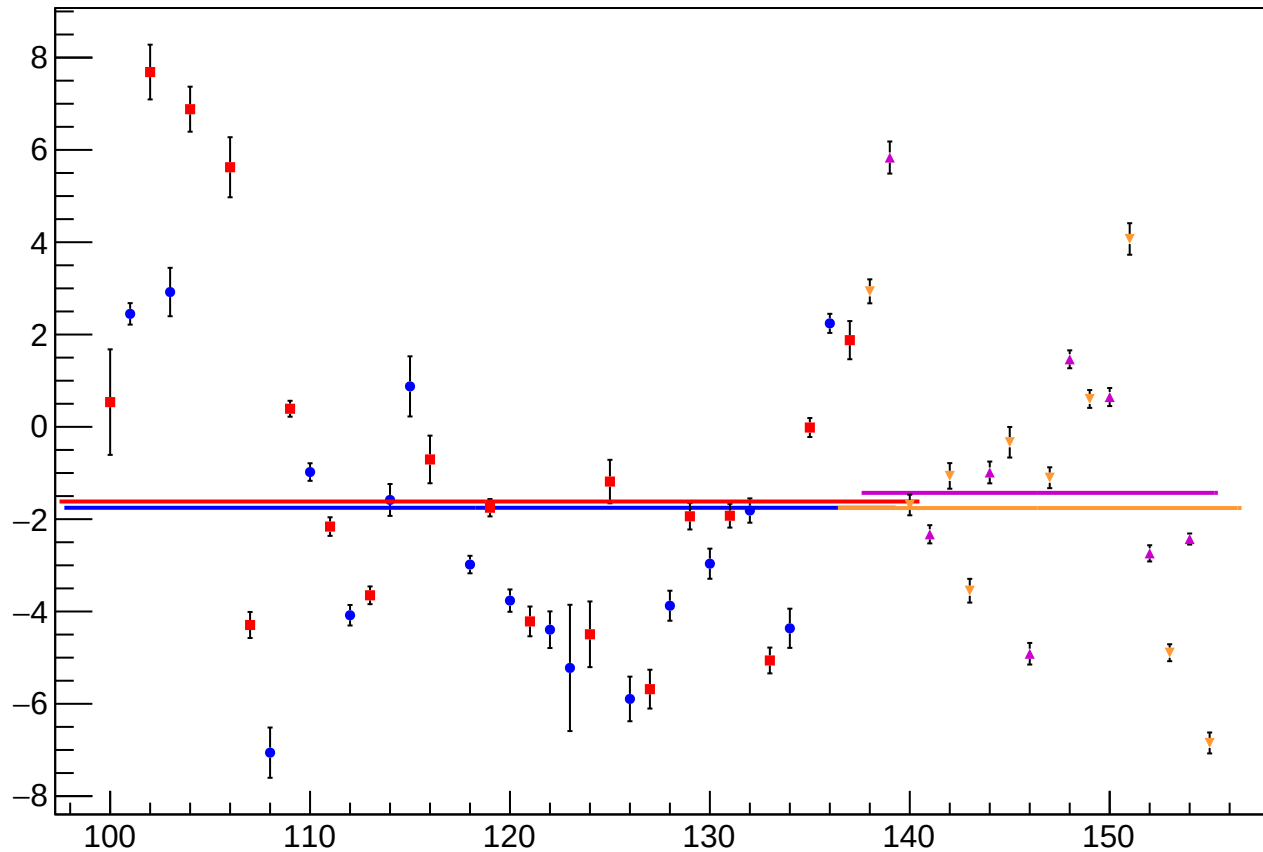
All: 1.112 ± 0.030 χ^2/NDF : 4205.8/53

- sign 0.965 ± 0.040 χ^2/NDF : 1938.8/26

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 $\chi^2/\text{NDF}: 1345.0/16$

Left Out: -1.759 ± 0.075 $\chi^2/\text{NDF}: 1643.4/9$

Right Out: -1.617 ± 0.066 $\chi^2/\text{NDF}: 1487.5/18$

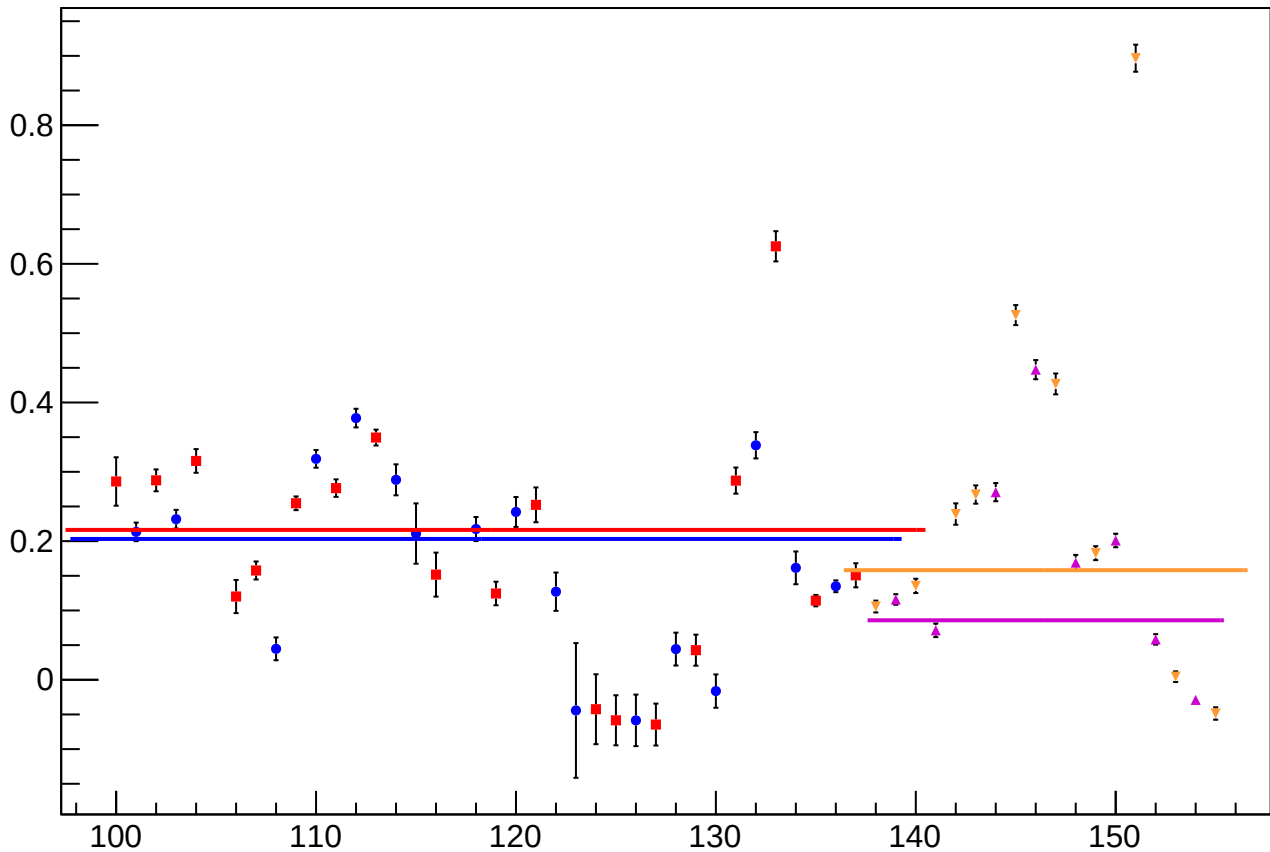
Left In: -1.430 ± 0.067 $\chi^2/\text{NDF}: 1142.6/7$

+ sign -1.756 ± 0.051 $\chi^2/\text{NDF}: 2988.5/26$

All: -1.629 ± 0.035 $\chi^2/\text{NDF}: 5633.7/53$

- sign -1.525 ± 0.047 $\chi^2/\text{NDF}: 2634.1/26$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 $\pm$ 0.004 χ^2/NDF : 677.2/16

Left Out: 0.158 $\pm$ 0.003 χ^2/NDF : 3471.5/9

Right Out: 0.216 $\pm$ 0.004 χ^2/NDF : 1067.3/18

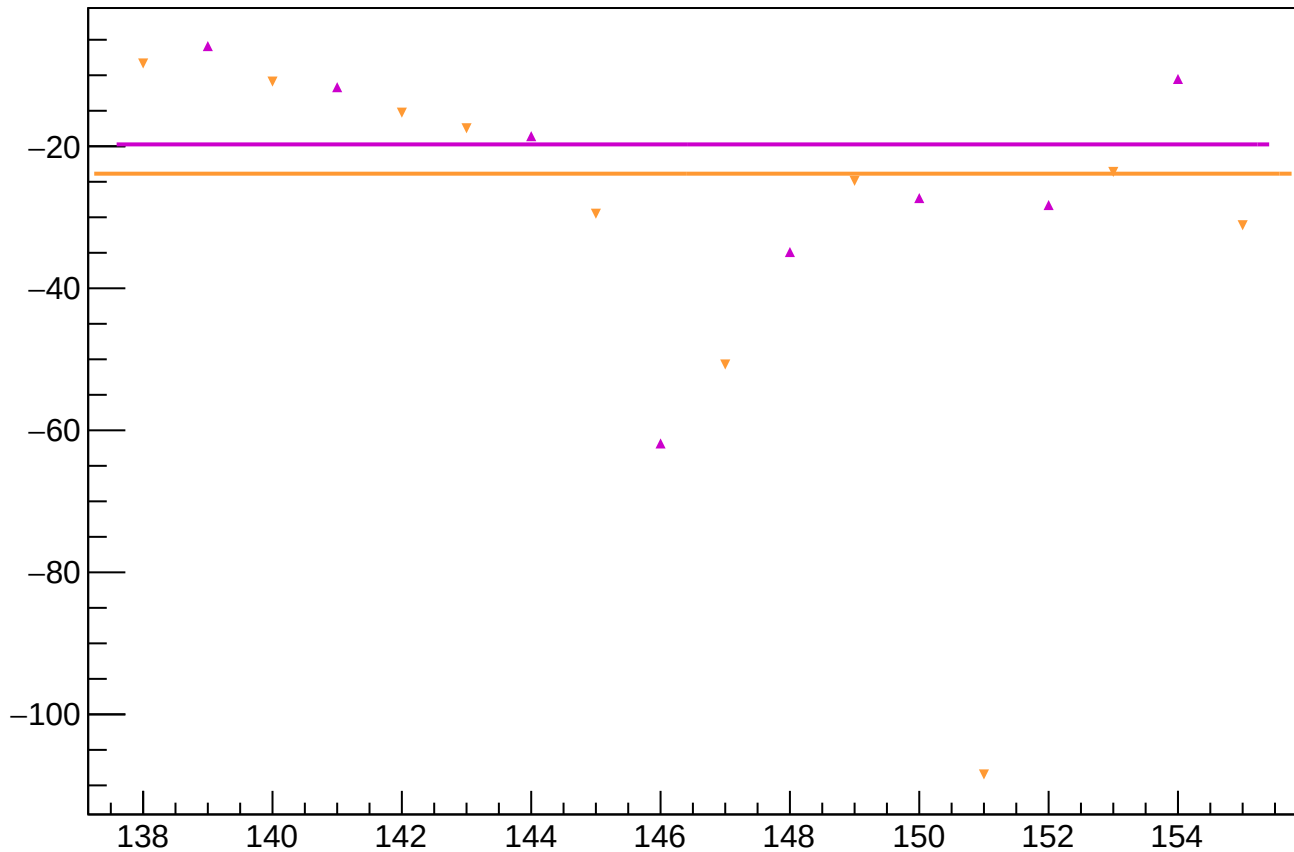
Left In: 0.086 $\pm$ 0.003 χ^2/NDF : 1651.4/7

+ sign 0.177 $\pm$ 0.003 χ^2/NDF : 4218.7/26

All: 0.154 $\pm$ 0.002 χ^2/NDF : 7833.3/53

- sign 0.136 $\pm$ 0.002 χ^2/NDF : 3482.6/26

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.859+/-0.087 χ^2/NDF : 49569.2/9

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

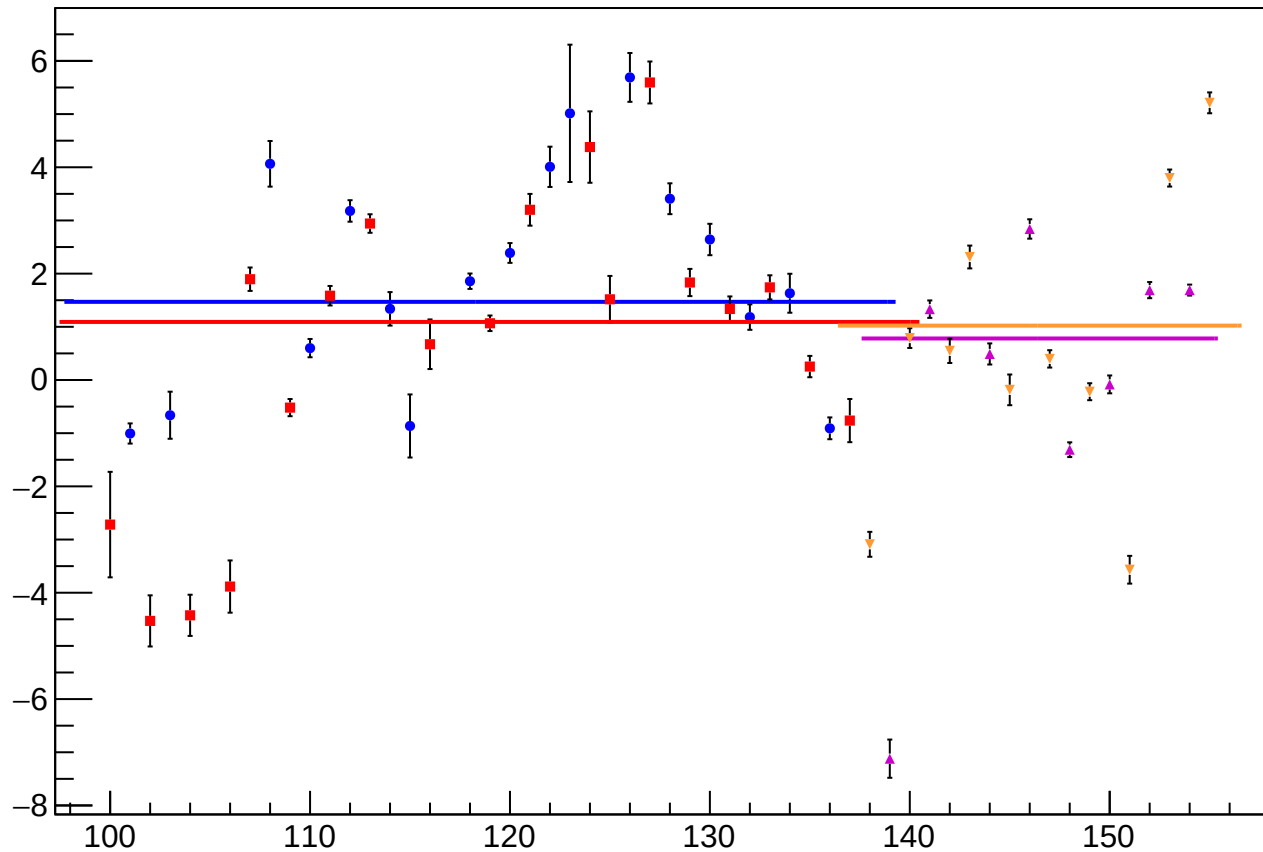
Left In: -19.735+/-0.079 χ^2/NDF : 33411.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.596+/-0.059 χ^2/NDF : 84209.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.470 ± 0.061 $\chi^2/\text{NDF}: 707.9/16$

Left Out: 1.022 ± 0.062 $\chi^2/\text{NDF}: 1508.1/9$

Right Out: 1.092 ± 0.058 $\chi^2/\text{NDF}: 952.1/18$

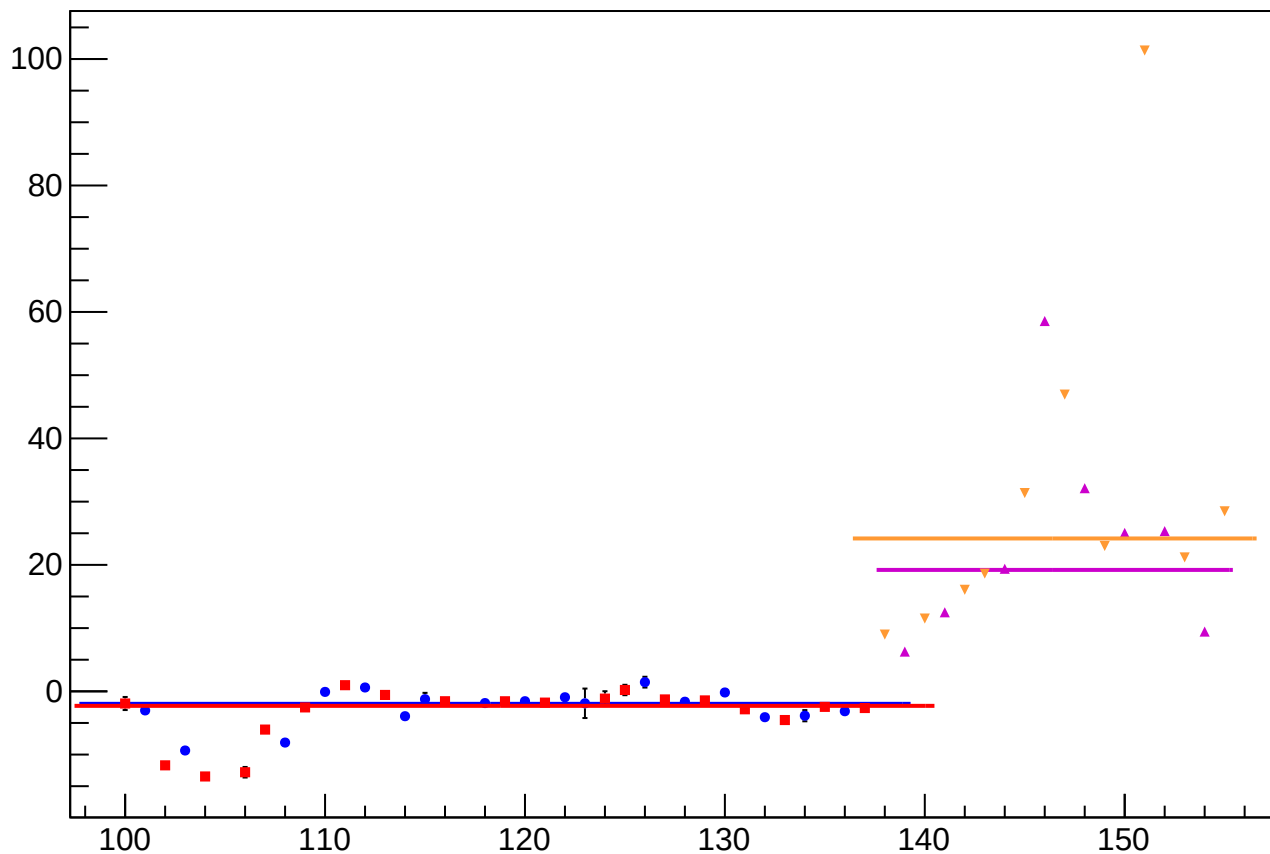
Left In: 0.781 ± 0.055 $\chi^2/\text{NDF}: 992.2/7$

+ sign 1.252 ± 0.044 $\chi^2/\text{NDF}: 2242.3/26$

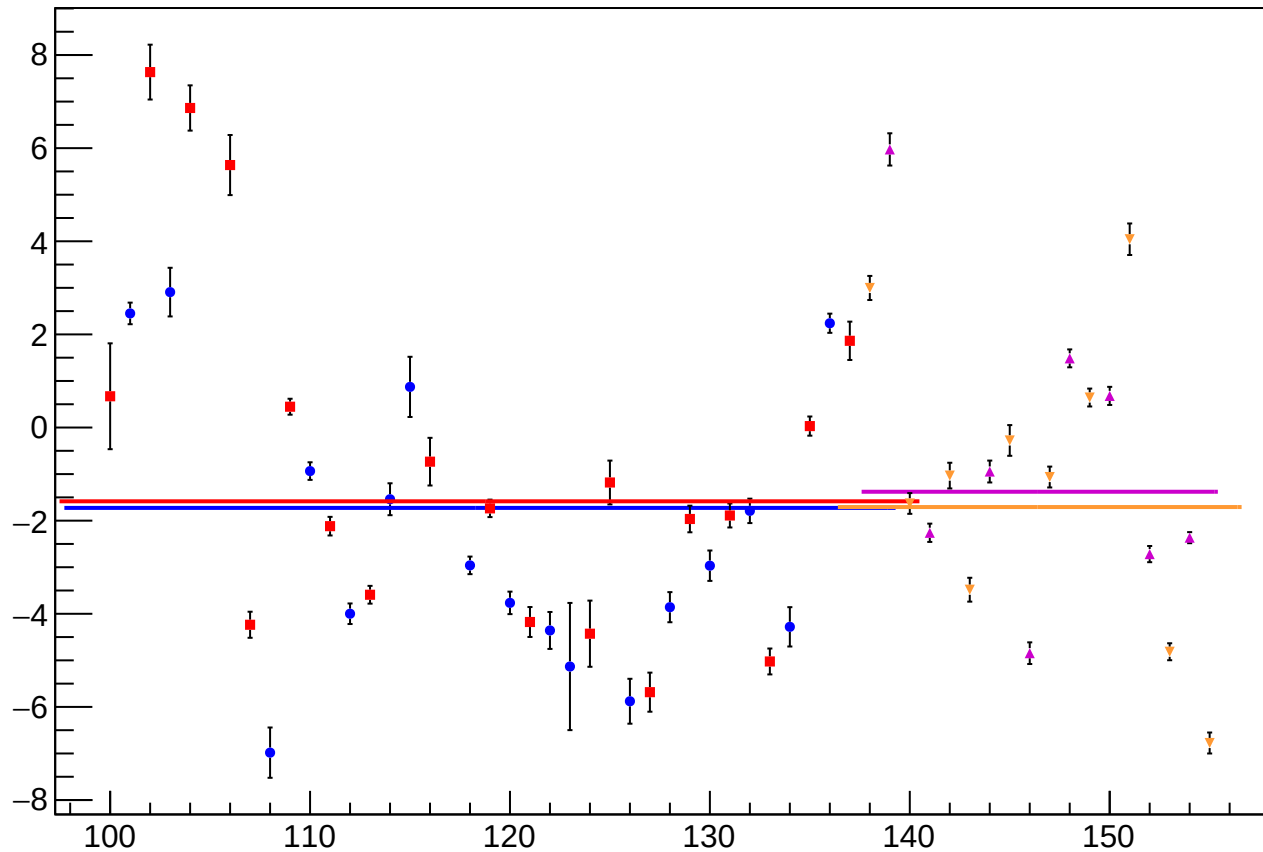
All: 1.077 ± 0.029 $\chi^2/\text{NDF}: 4231.4/53$

- sign 0.929 ± 0.040 $\chi^2/\text{NDF}: 1959.4/26$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -1.708 ± 0.075 χ^2/NDF : 1647.9/9

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

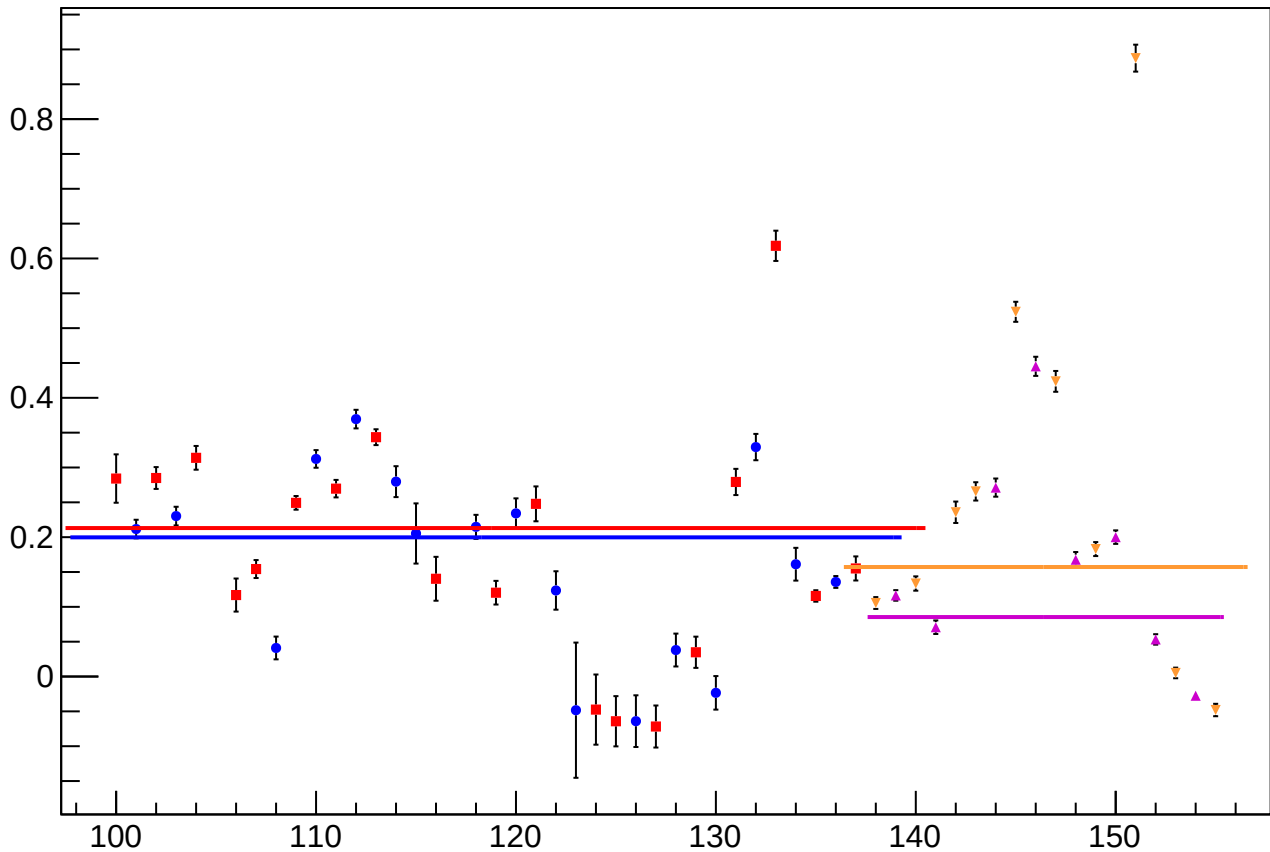
Left In: -1.379 ± 0.066 χ^2/NDF : 1158.1/7

+ sign -1.717 ± 0.051 χ^2/NDF : 2989.4/26

All: -1.589 ± 0.034 χ^2/NDF : 5656.8/53

- sign -1.483 ± 0.047 χ^2/NDF : 2655.8/26

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 $\pm$ 0.004 χ^2/NDF : 662.5/16

Left Out: 0.157 $\pm$ 0.003 χ^2/NDF : 3462.3/9

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1050.9/18

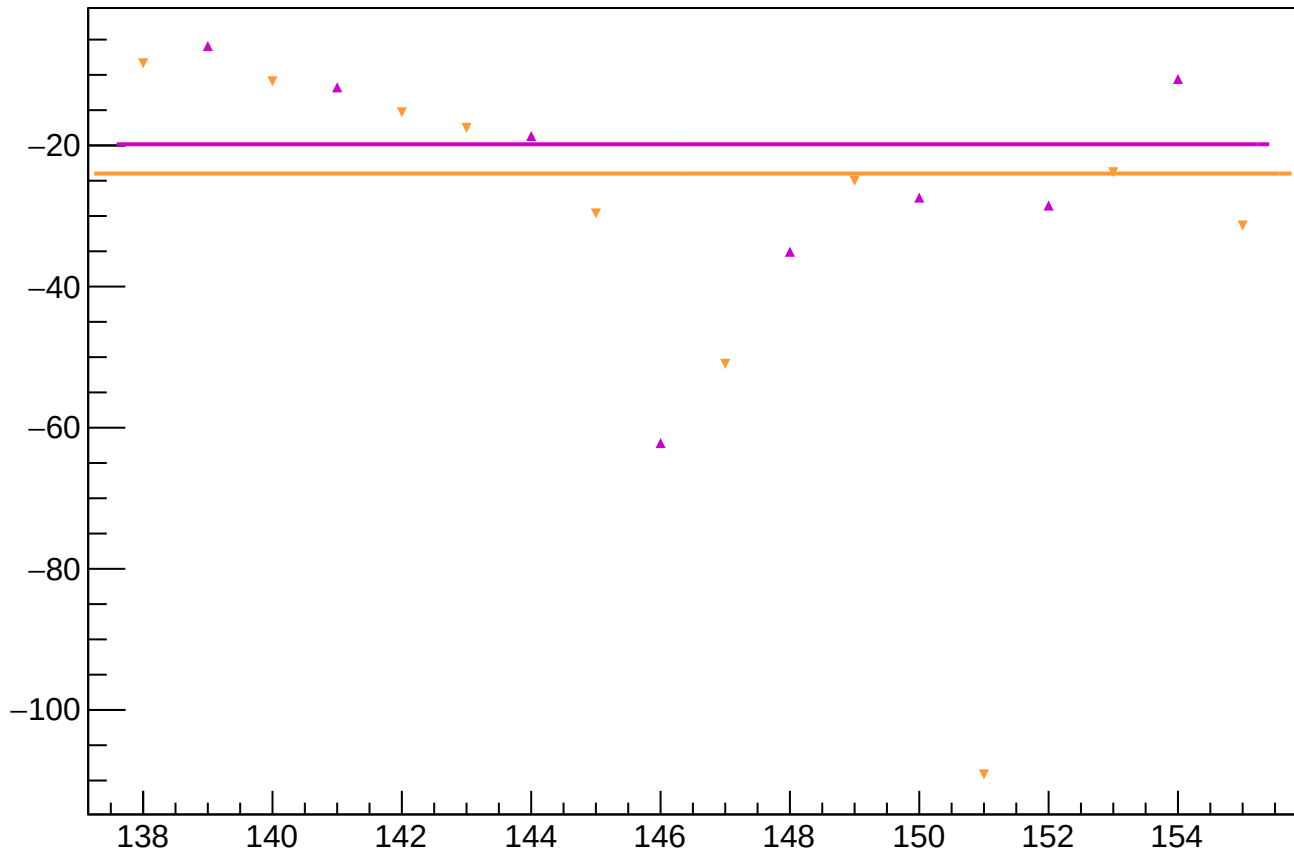
Left In: 0.085 $\pm$ 0.003 χ^2/NDF : 1654.8/7

+ sign 0.175 $\pm$ 0.003 χ^2/NDF : 4188.0/26

All: 0.152 $\pm$ 0.002 χ^2/NDF : 7765.4/53

- sign 0.135 $\pm$ 0.002 χ^2/NDF : 3446.6/26

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.982+/-0.088 χ^2/NDF : 49685.9/9

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

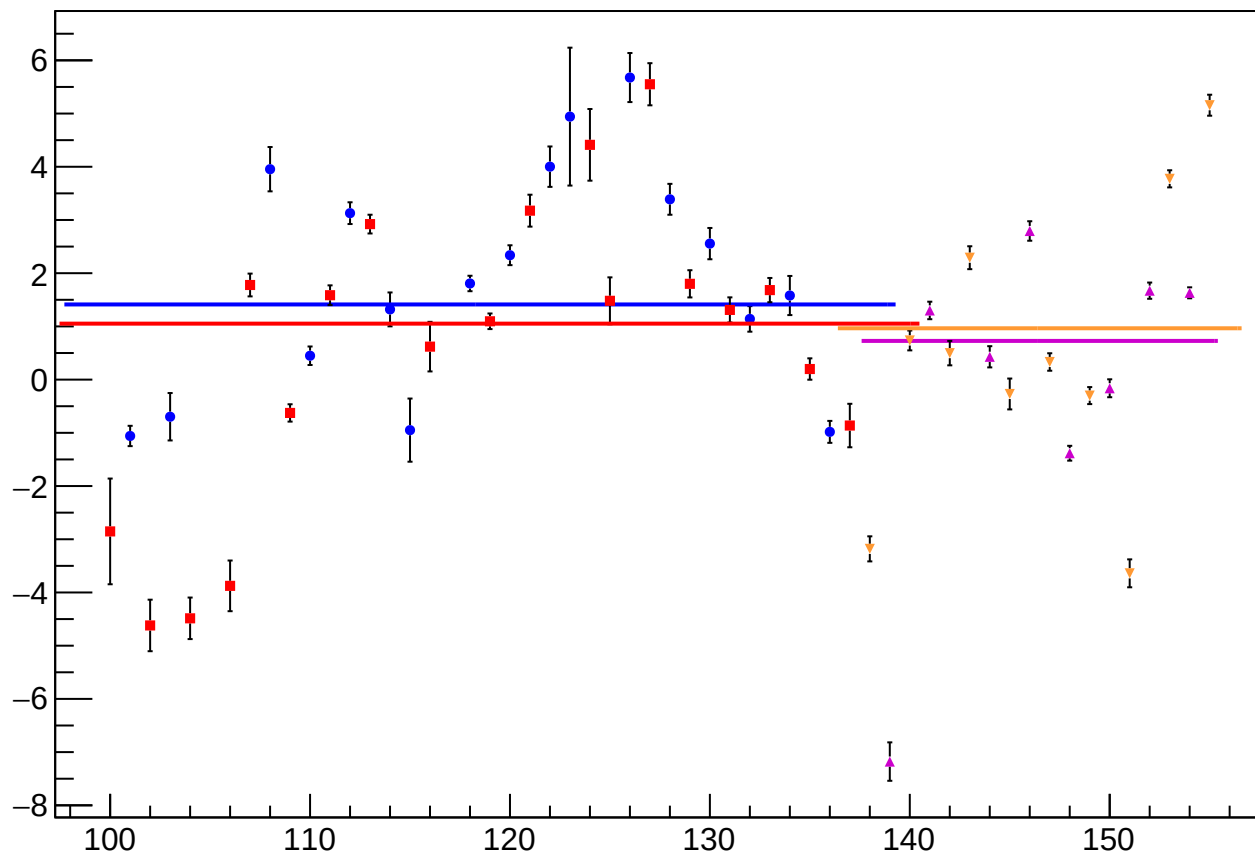
Left In: -19.835+/-0.079 χ^2/NDF : 33477.3/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.706+/-0.059 χ^2/NDF : 84395.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.413 ± 0.061 χ^2/NDF : 713.9/16

Left Out: 0.965 ± 0.063 χ^2/NDF : 1513.2/9

Right Out: 1.052 ± 0.058 χ^2/NDF : 963.3/18

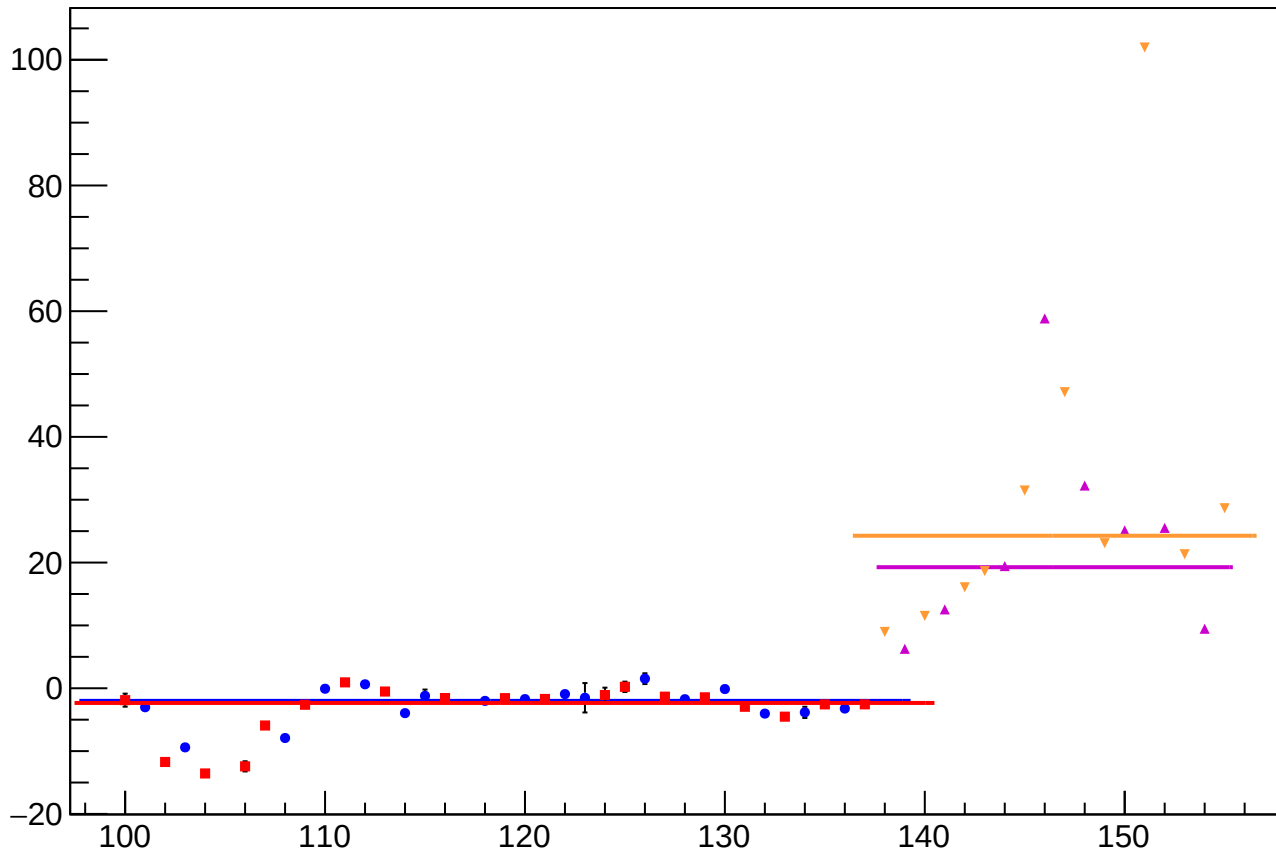
Left In: 0.727 ± 0.056 χ^2/NDF : 993.3/7

+ sign 1.195 ± 0.044 χ^2/NDF : 2253.3/26

All: 1.025 ± 0.030 χ^2/NDF : 4253.8/53

- sign 0.883 ± 0.040 χ^2/NDF : 1972.9/26

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 24.270 ± 0.088 χ^2/NDF : 43924.6/9

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

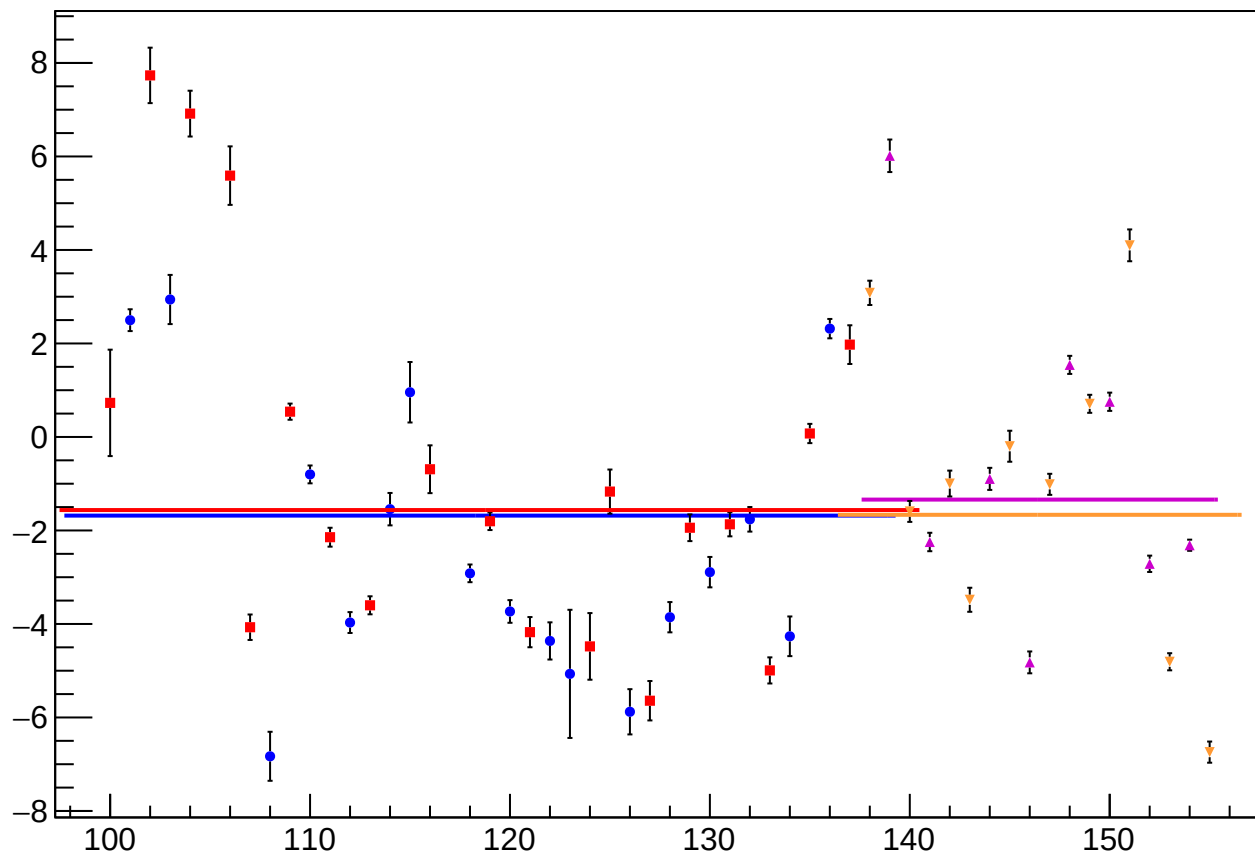
Left In: 19.264 ± 0.078 χ^2/NDF : 30647.0/7

+ sign 14.140 ± 0.069 χ^2/NDF : 79057.9/26

All: 12.406 ± 0.046 χ^2/NDF : 141269.7/53

- sign 11.035 ± 0.061 χ^2/NDF : 61070.1/26

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -1.665 ± 0.075 χ^2/NDF : 1654.1/9

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

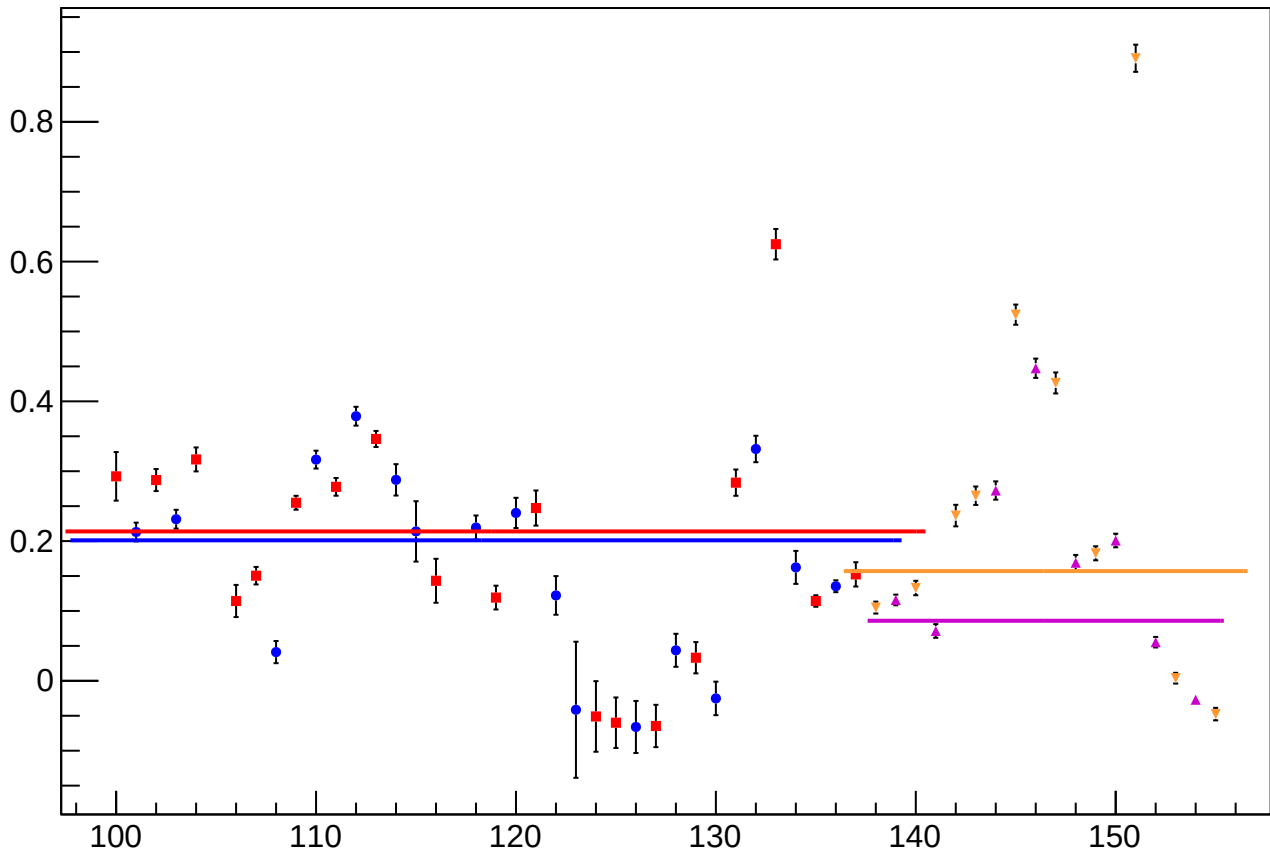
Left In: -1.340 ± 0.066 χ^2/NDF : 1159.4/7

+ sign -1.674 ± 0.051 χ^2/NDF : 3001.9/26

All: -1.553 ± 0.035 χ^2/NDF : 5681.9/53

- sign -1.453 ± 0.047 χ^2/NDF : 2669.9/26

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.004 χ^2/NDF : 691.3/16

Left Out: 0.157 $\pm$ 0.003 χ^2/NDF : 3455.1/9

Right Out: 0.214 $\pm$ 0.004 χ^2/NDF : 1083.1/18

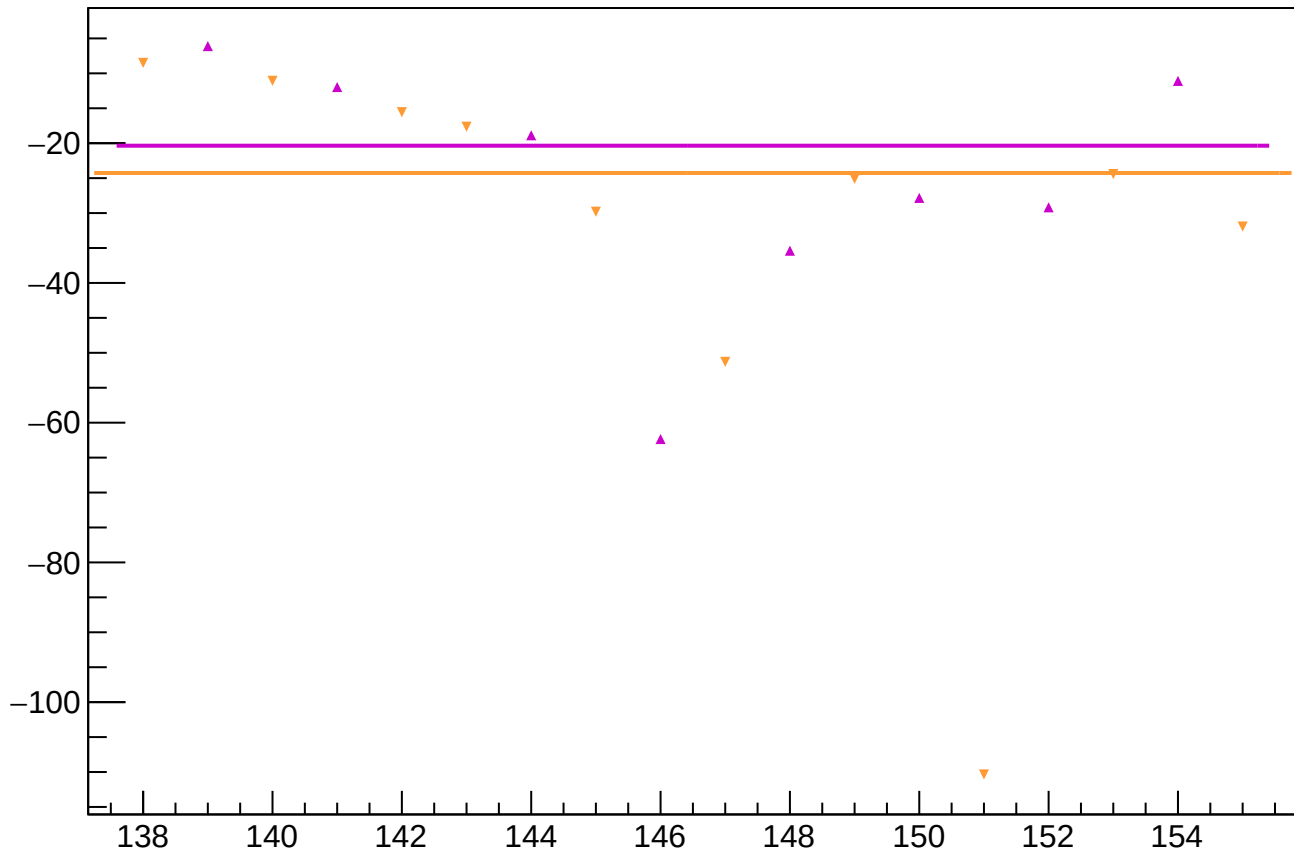
Left In: 0.086 $\pm$ 0.003 χ^2/NDF : 1649.2/7

+ sign 0.175 $\pm$ 0.003 χ^2/NDF : 4213.4/26

All: 0.153 $\pm$ 0.002 χ^2/NDF : 7812.3/53

- sign 0.136 $\pm$ 0.002 χ^2/NDF : 3470.9/26

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -24.262+/-0.089 χ^2/NDF : 49612.7/9

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

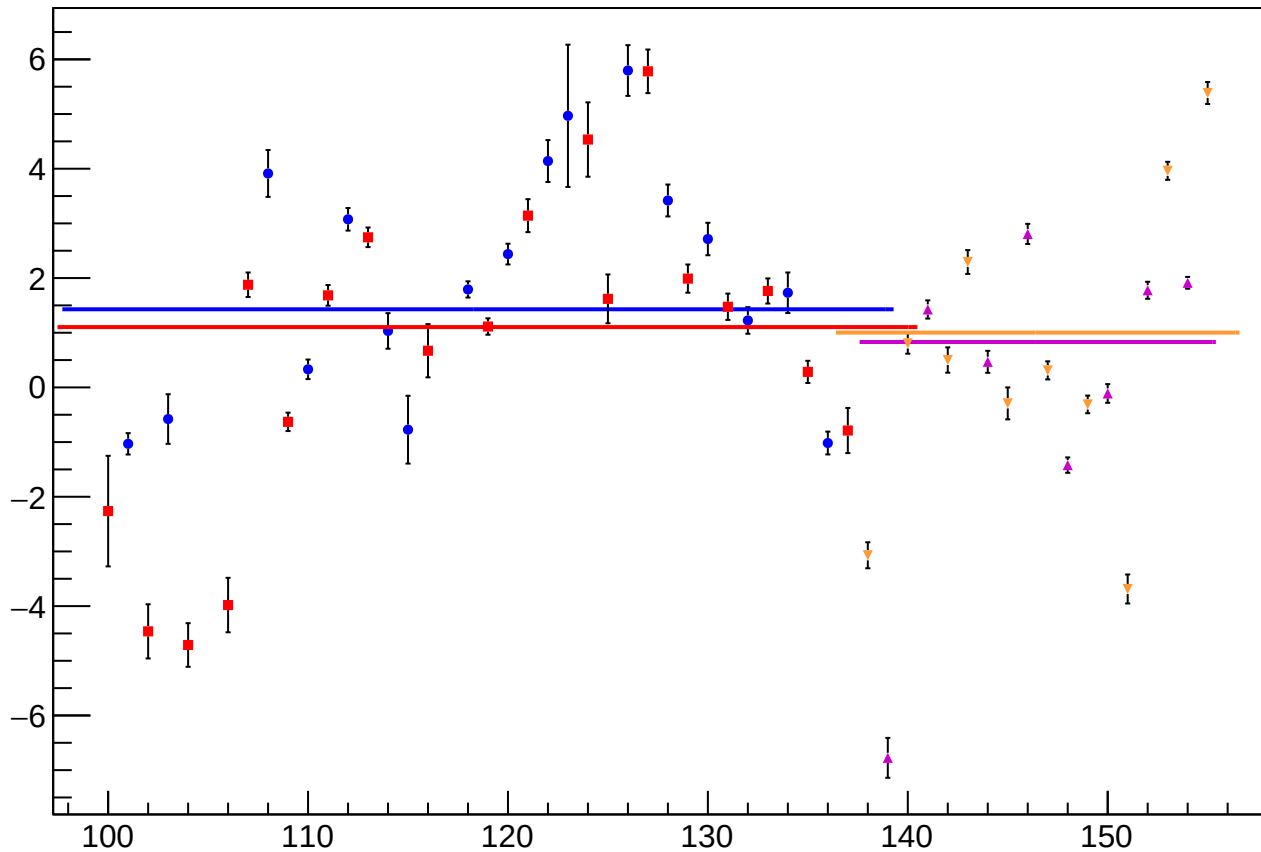
Left In: -20.356+/-0.081 χ^2/NDF : 32689.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.134+/-0.060 χ^2/NDF : 83360.4/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.429 ± 0.062 χ^2/NDF : 711.4/16

Left Out: 1.003 ± 0.063 χ^2/NDF : 1549.2/9

Right Out: 1.104 ± 0.059 χ^2/NDF : 936.5/18

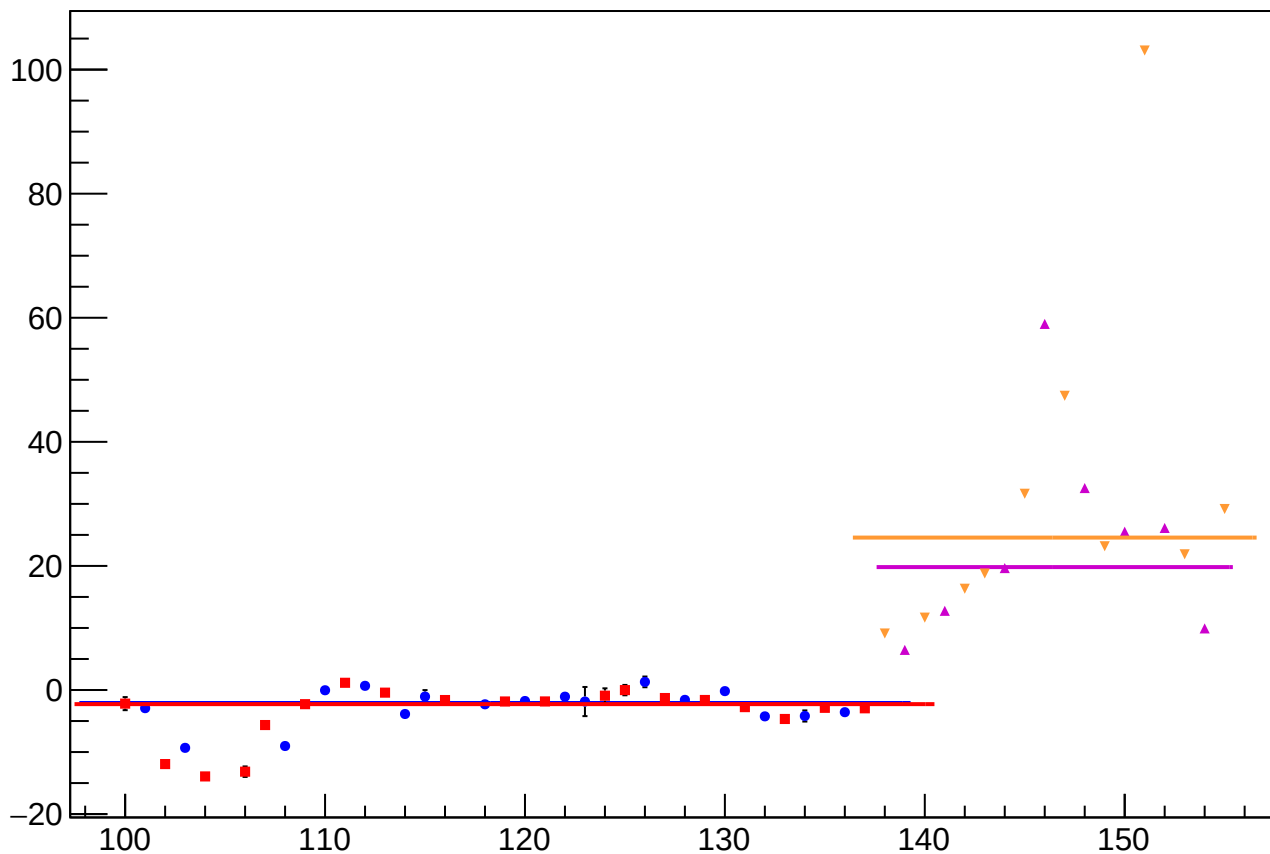
Left In: 0.830 ± 0.057 χ^2/NDF : 989.8/7

+ sign 1.220 ± 0.044 χ^2/NDF : 2283.6/26

All: 1.080 ± 0.030 χ^2/NDF : 4239.4/53

- sign 0.961 ± 0.041 χ^2/NDF : 1937.4/26

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 24.568 ± 0.089 χ^2/NDF : 43817.7/9

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

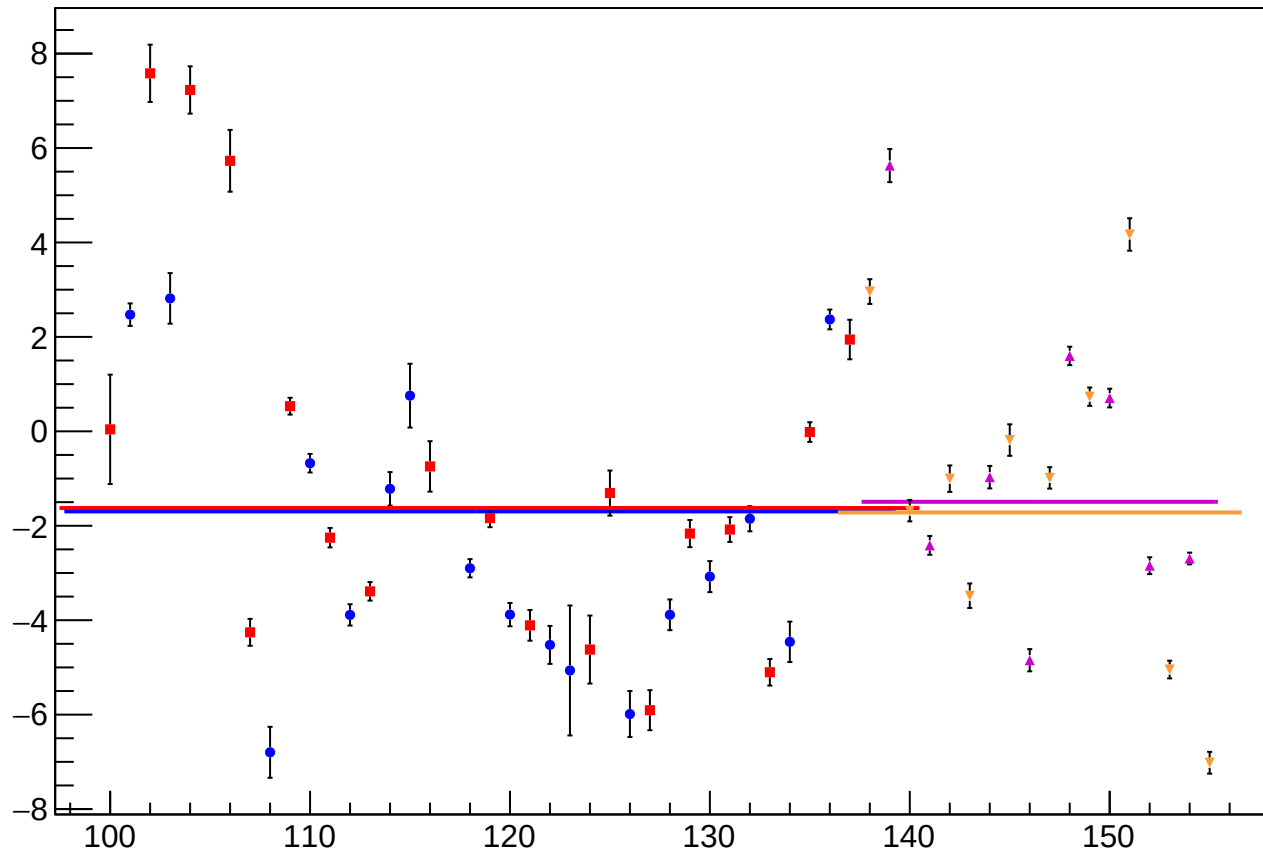
Left In: 19.812 ± 0.079 χ^2/NDF : 29763.2/7

+ sign 14.354 ± 0.070 χ^2/NDF : 78899.0/26

All: 12.708 ± 0.046 χ^2/NDF : 140178.3/53

- sign 11.390 ± 0.062 χ^2/NDF : 60274.9/26

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -1.718 ± 0.076 χ^2/NDF : 1698.0/9

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

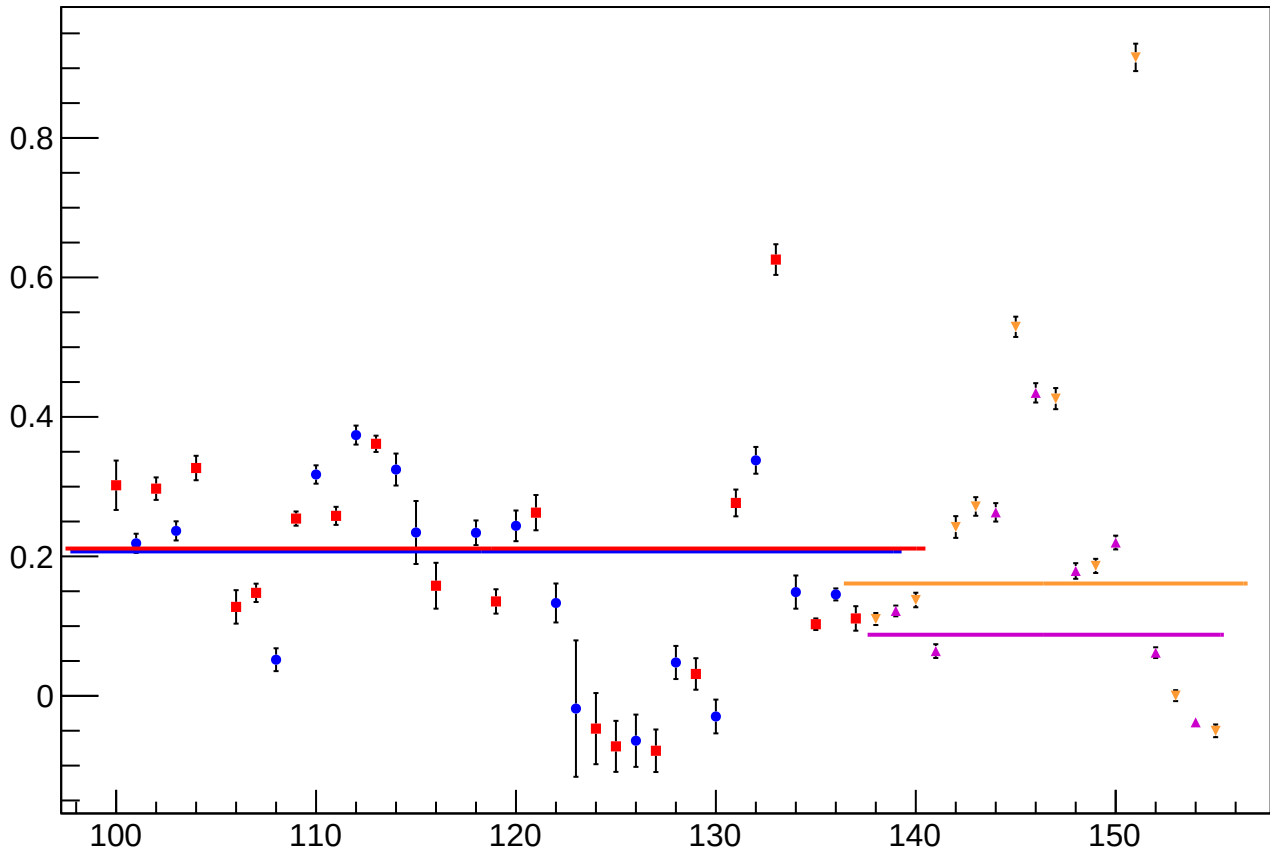
Left In: -1.492 ± 0.068 χ^2/NDF : 1163.9/7

+ sign -1.706 ± 0.052 χ^2/NDF : 3031.4/26

All: -1.626 ± 0.035 χ^2/NDF : 5668.8/53

- sign -1.559 ± 0.048 χ^2/NDF : 2633.2/26

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 $\pm$ 0.004 χ^2/NDF : 656.3/16

Left Out: 0.161 $\pm$ 0.003 χ^2/NDF : 3515.3/9

Right Out: 0.211 $\pm$ 0.004 χ^2/NDF : 1145.7/18

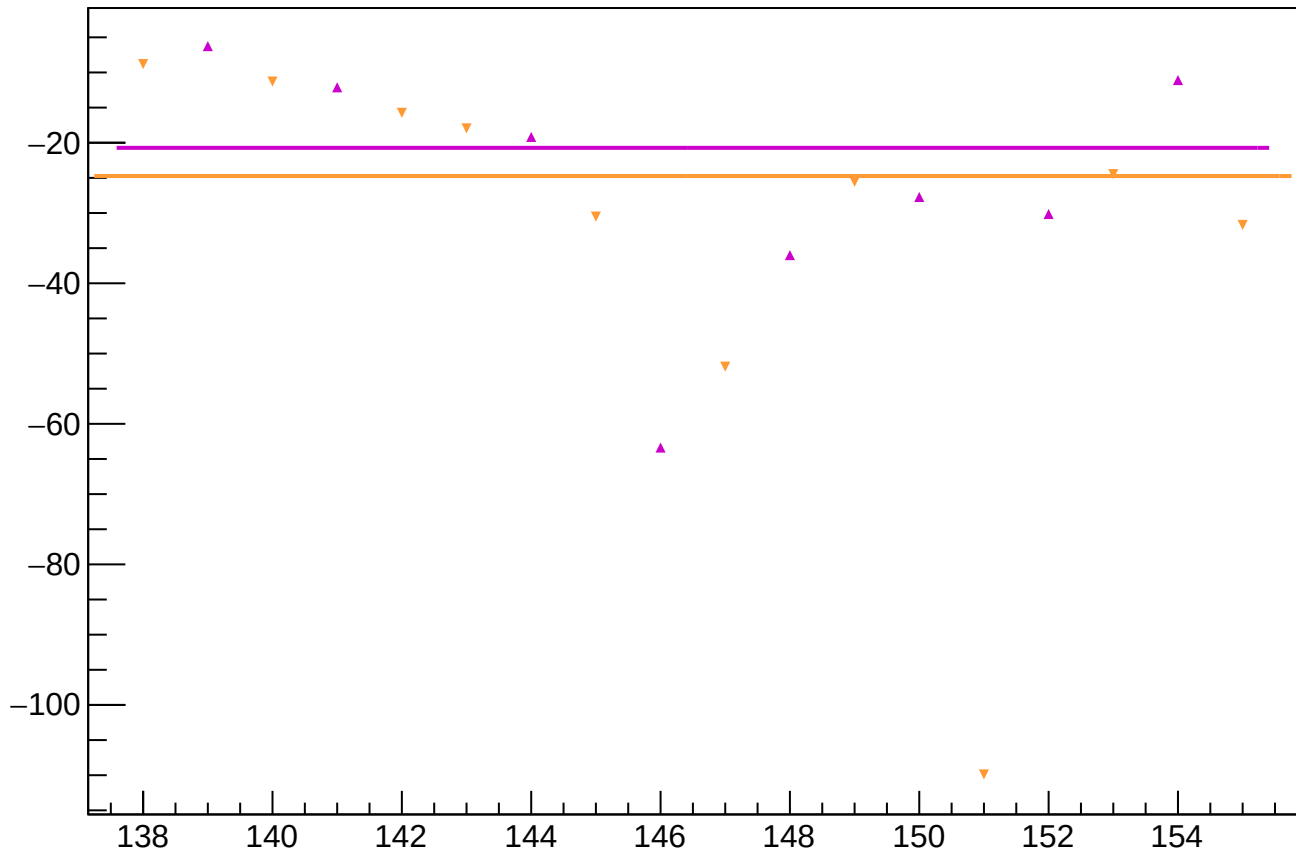
Left In: 0.088 $\pm$ 0.003 χ^2/NDF : 1684.0/7

+ sign 0.180 $\pm$ 0.003 χ^2/NDF : 4242.6/26

All: 0.155 $\pm$ 0.002 χ^2/NDF : 7887.0/53

- sign 0.136 $\pm$ 0.002 χ^2/NDF : 3490.8/26

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -24.740+/-0.090 χ^2/NDF : 48766.4/9

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

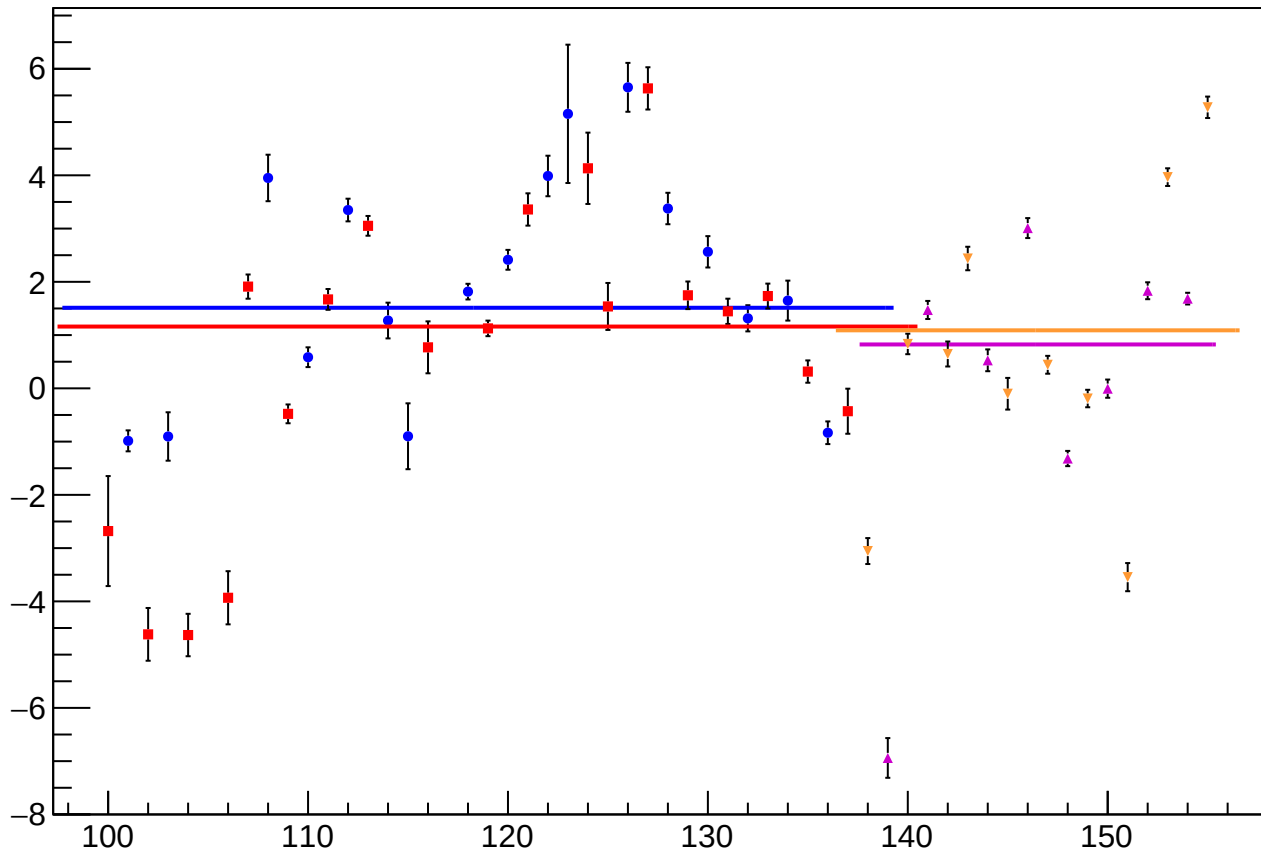
Left In: -20.726+/-0.082 χ^2/NDF : 32789.5/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.557+/-0.061 χ^2/NDF : 82638.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 $\pm$ 0.063 χ^2/NDF : 669.7/16

Left Out: 1.089 $\pm$ 0.064 χ^2/NDF : 1464.4/9

Right Out: 1.160 $\pm$ 0.060 χ^2/NDF : 917.0/18

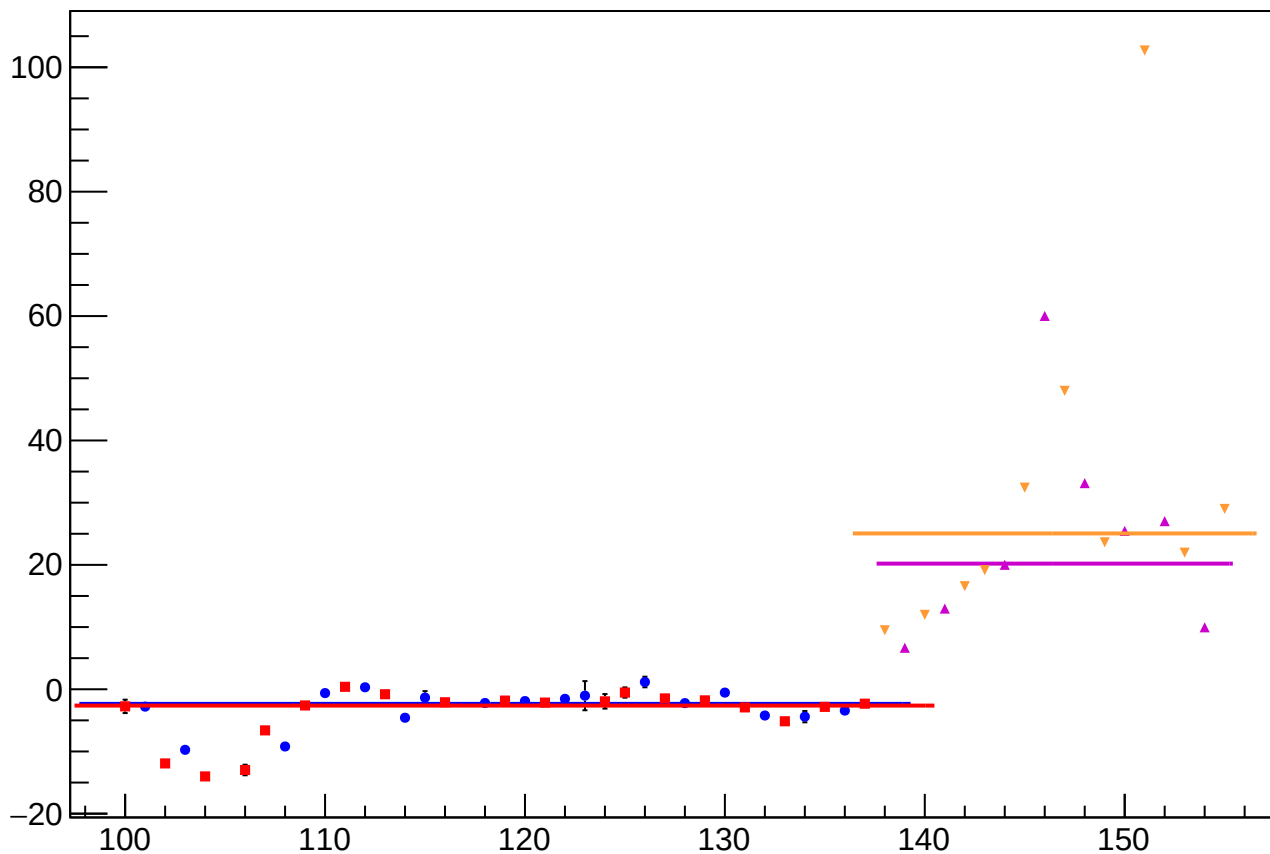
Left In: 0.824 $\pm$ 0.058 χ^2/NDF : 935.5/7

+ sign 1.307 $\pm$ 0.045 χ^2/NDF : 2156.4/26

All: 1.134 $\pm$ 0.031 χ^2/NDF : 4052.7/53

- sign 0.986 $\pm$ 0.042 χ^2/NDF : 1868.8/26

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 25.053 ± 0.090 χ^2/NDF : 43080.5/9

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

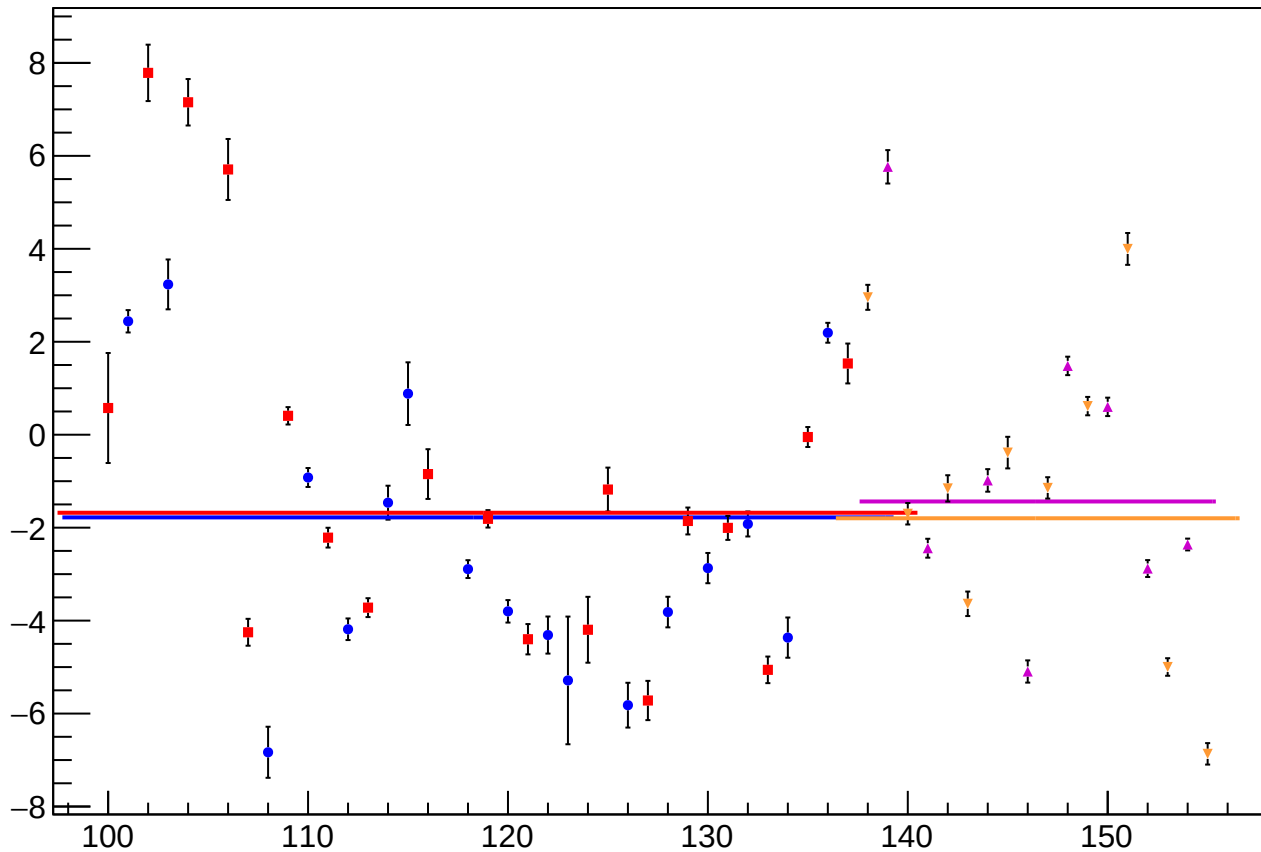
Left In: 20.201 ± 0.081 χ^2/NDF : 29861.2/7

+ sign 14.559 ± 0.071 χ^2/NDF : 78987.8/26

All: 12.894 ± 0.047 χ^2/NDF : 141047.1/53

- sign 11.549 ± 0.064 χ^2/NDF : 61057.4/26

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779 ± 0.072 χ^2/NDF : 1272.1/16

Left Out: -1.798 ± 0.077 χ^2/NDF : 1595.0/9

Right Out: -1.679 ± 0.068 χ^2/NDF : 1429.6/18

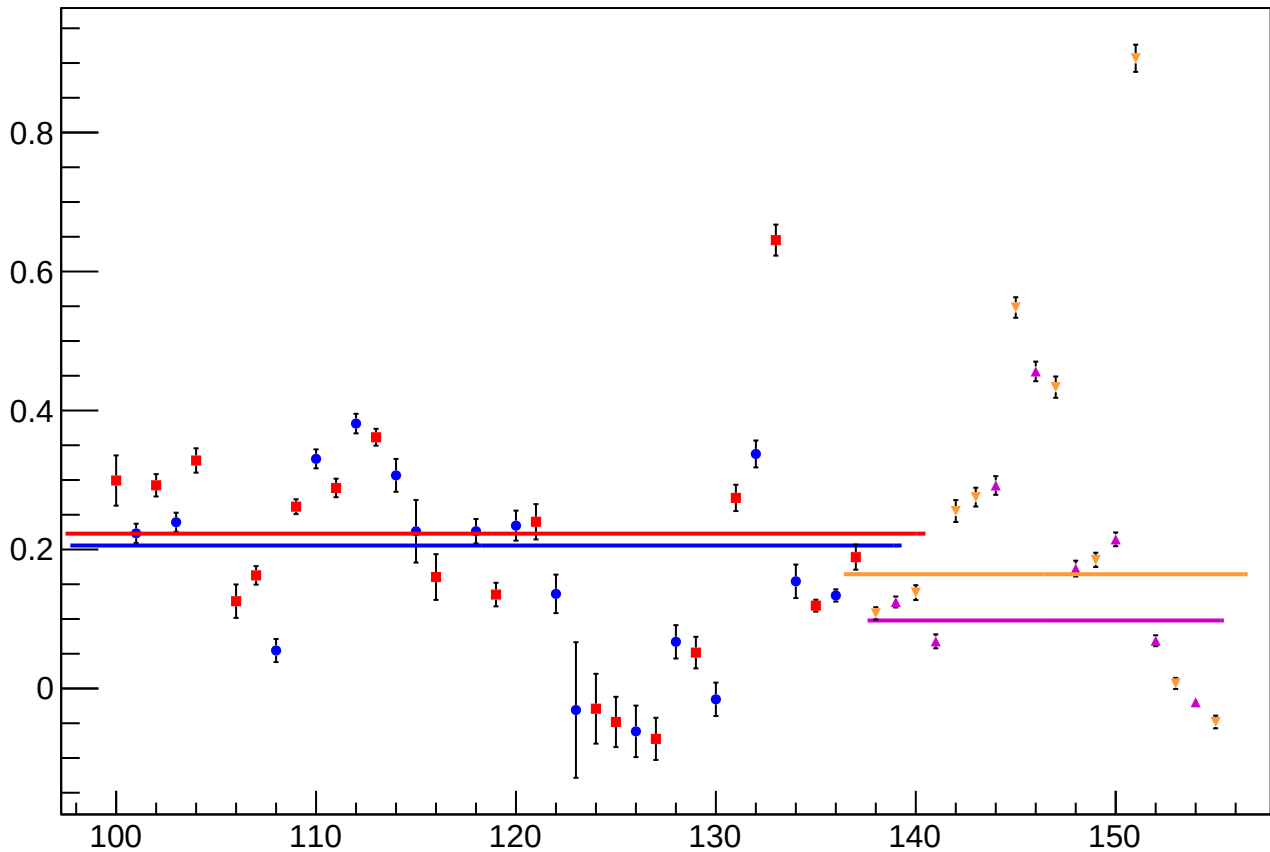
Left In: -1.437 ± 0.069 χ^2/NDF : 1101.3/7

+ sign -1.788 ± 0.053 χ^2/NDF : 2867.1/26

All: -1.664 ± 0.036 χ^2/NDF : 5414.3/53

- sign -1.560 ± 0.048 χ^2/NDF : 2537.1/26

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 651.8/16

Left Out: 0.164 ± 0.004 χ^2/NDF : 3504.7/9

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.098 ± 0.003 χ^2/NDF : 1577.6/7

+ sign 0.181 ± 0.003 χ^2/NDF : 4212.2/26

All: 0.162 ± 0.002 χ^2/NDF : 7575.4/53

- sign 0.146 ± 0.002 χ^2/NDF : 3269.8/26