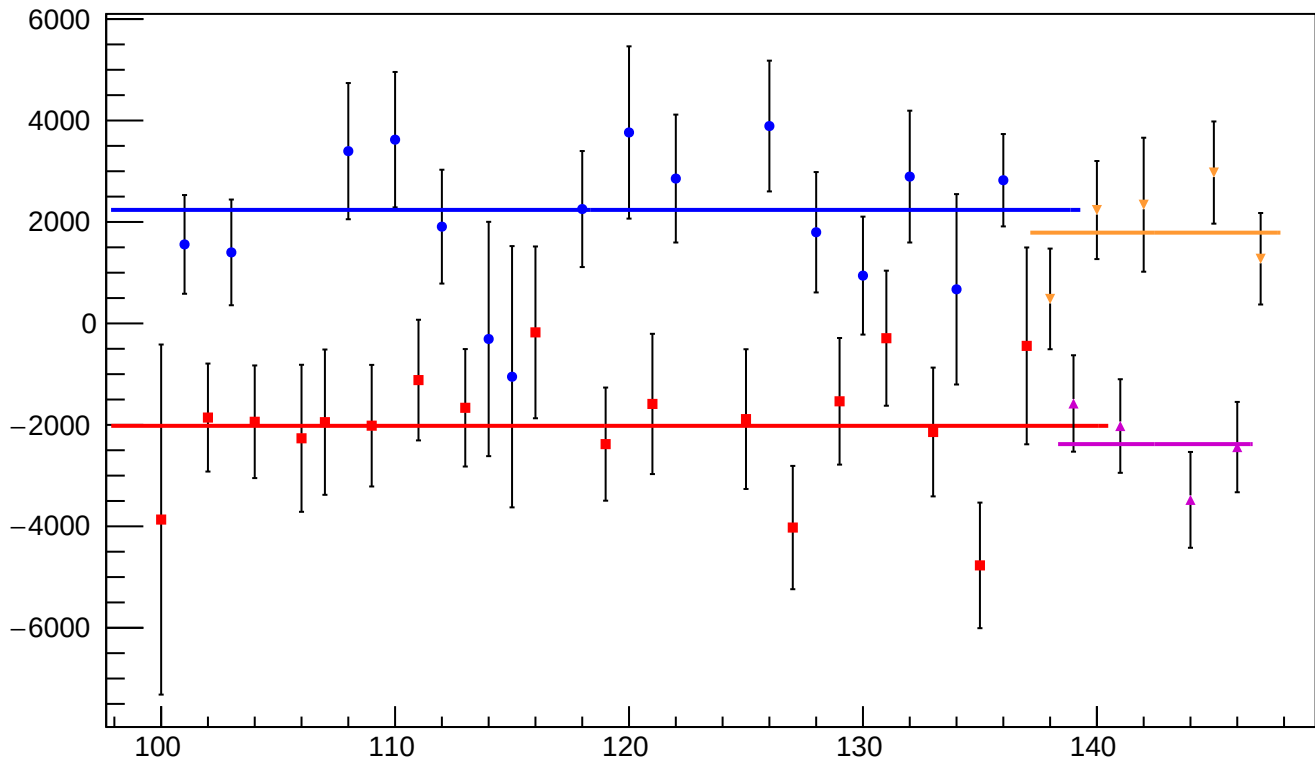


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

Left Out: 1789.443+/-452.947

χ^2/NDF : 3.8/4

Right Out: -2018.625+/-308.362

χ^2/NDF : 12.6/17

Left In: -2378.900+/-463.035

χ^2/NDF : 2.2/3

+ sign 2091.954+/-258.412

χ^2/NDF : 15.8/20

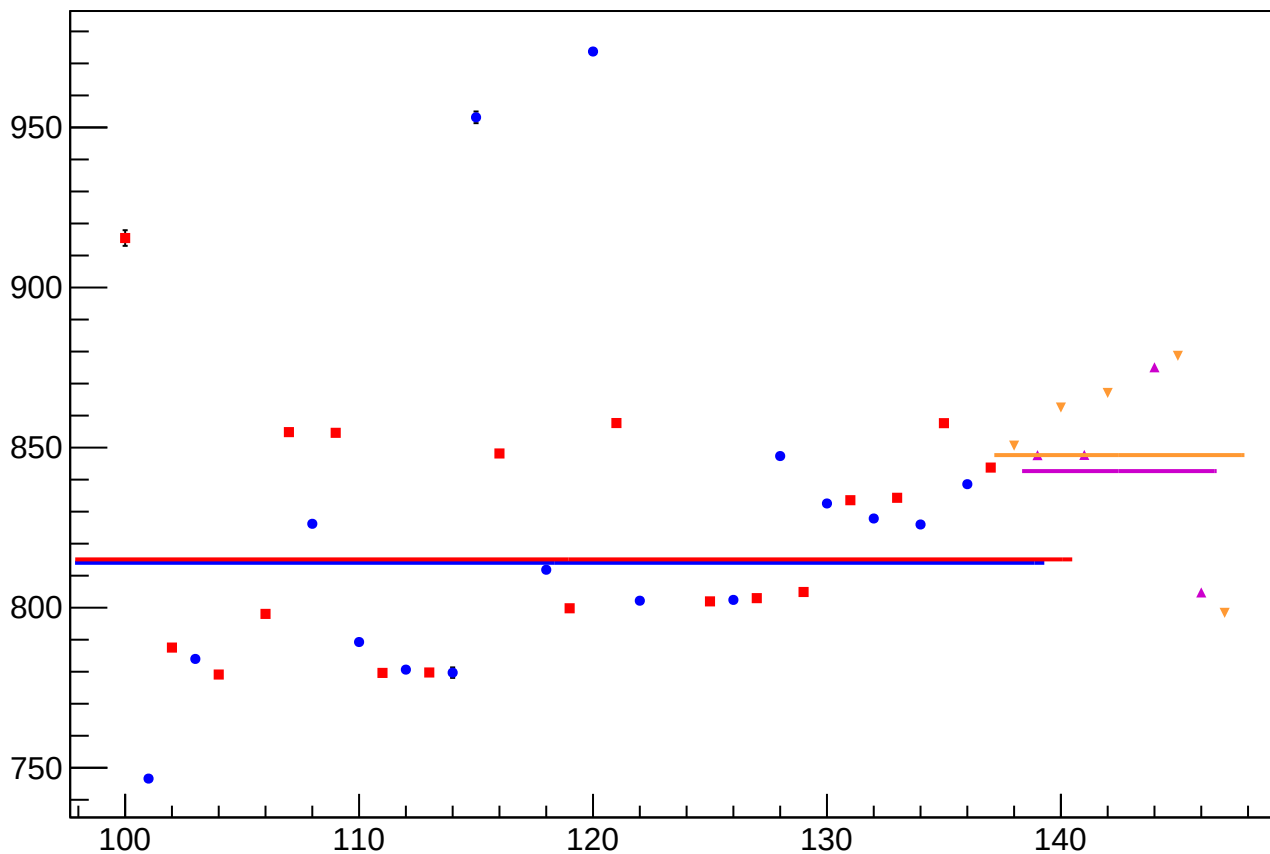
All: -33.067+/-182.101

χ^2/NDF : 165.4/42

- sign -2129.316+/-256.657

χ^2/NDF : 15.2/21

dit_asym_us_avg_rms vs Slug



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

Left Out: 847.662 $\pm$ 0.320 χ^2 /NDF: 8786.6/4

Right Out: 815.084 $\pm$ 0.218 χ^2 /NDF: 19959.3/17

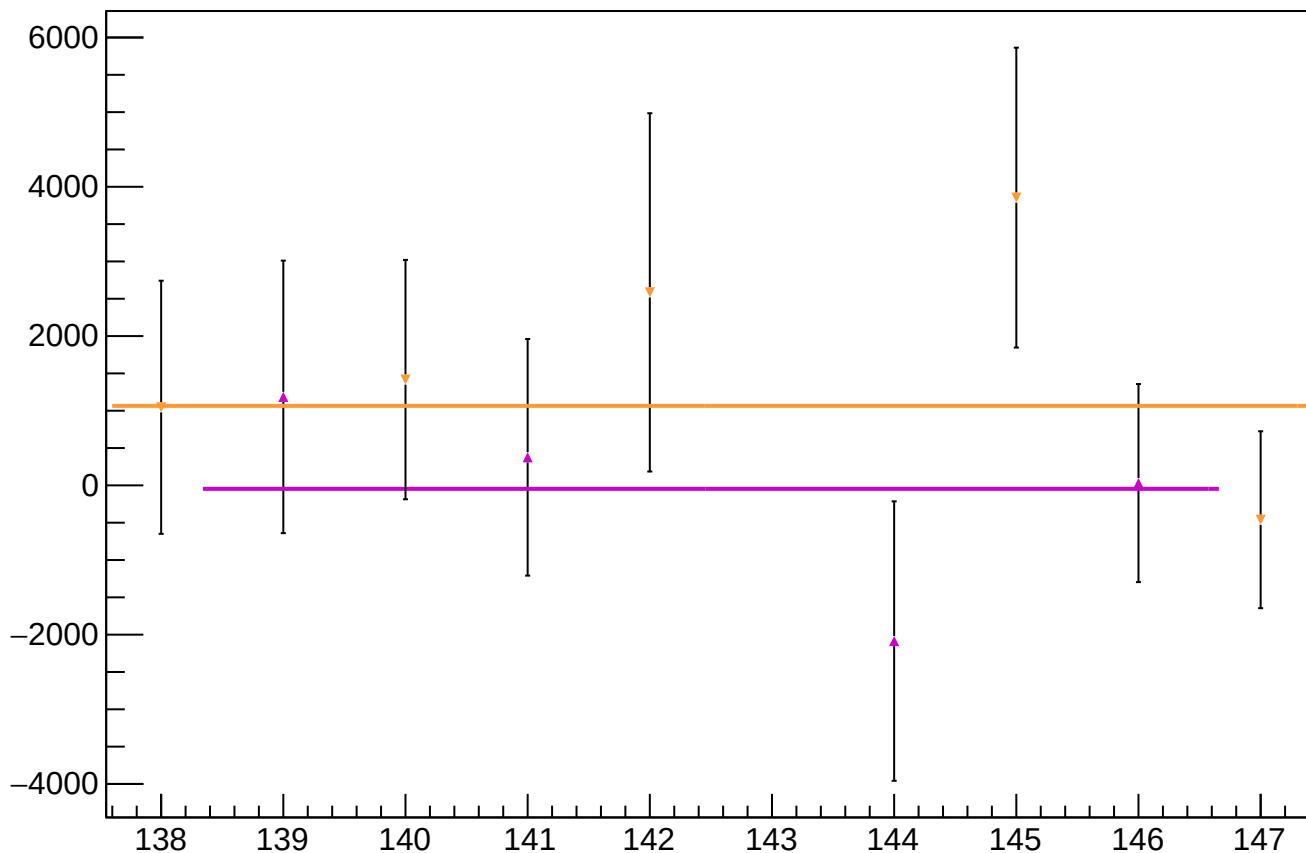
Left In: 842.663 $\pm$ 0.327 χ^2 /NDF: 6095.0/3

+ sign 824.971 $\pm$ 0.183 χ^2 /NDF: 58269.9/20

All: 824.259 $\pm$ 0.129 χ^2 /NDF: 89269.5/42

- sign 823.558 $\pm$ 0.181 χ^2 /NDF: 30969.5/21

asym_us_avg_correction_mean vs Slug



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

Left Out: 1064.950+/-731.249 χ^2/NDF : 4.0/4

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

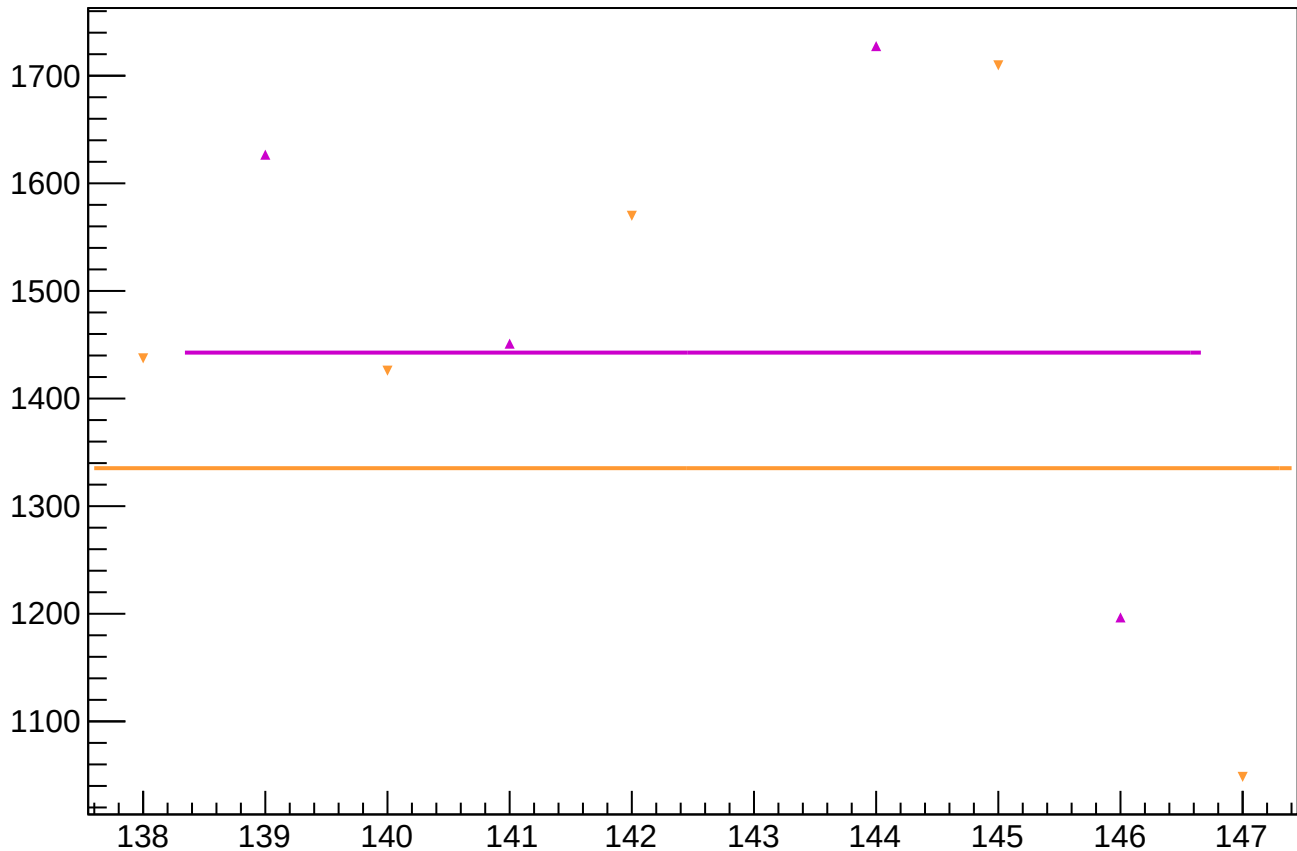
Left In: -46.624+/-802.783 χ^2/NDF : 1.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.884+/-540.596 χ^2/NDF : 6.8/8

- 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: 1335.292+/-0.517 χ^2/NDF : 219385.4/4

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

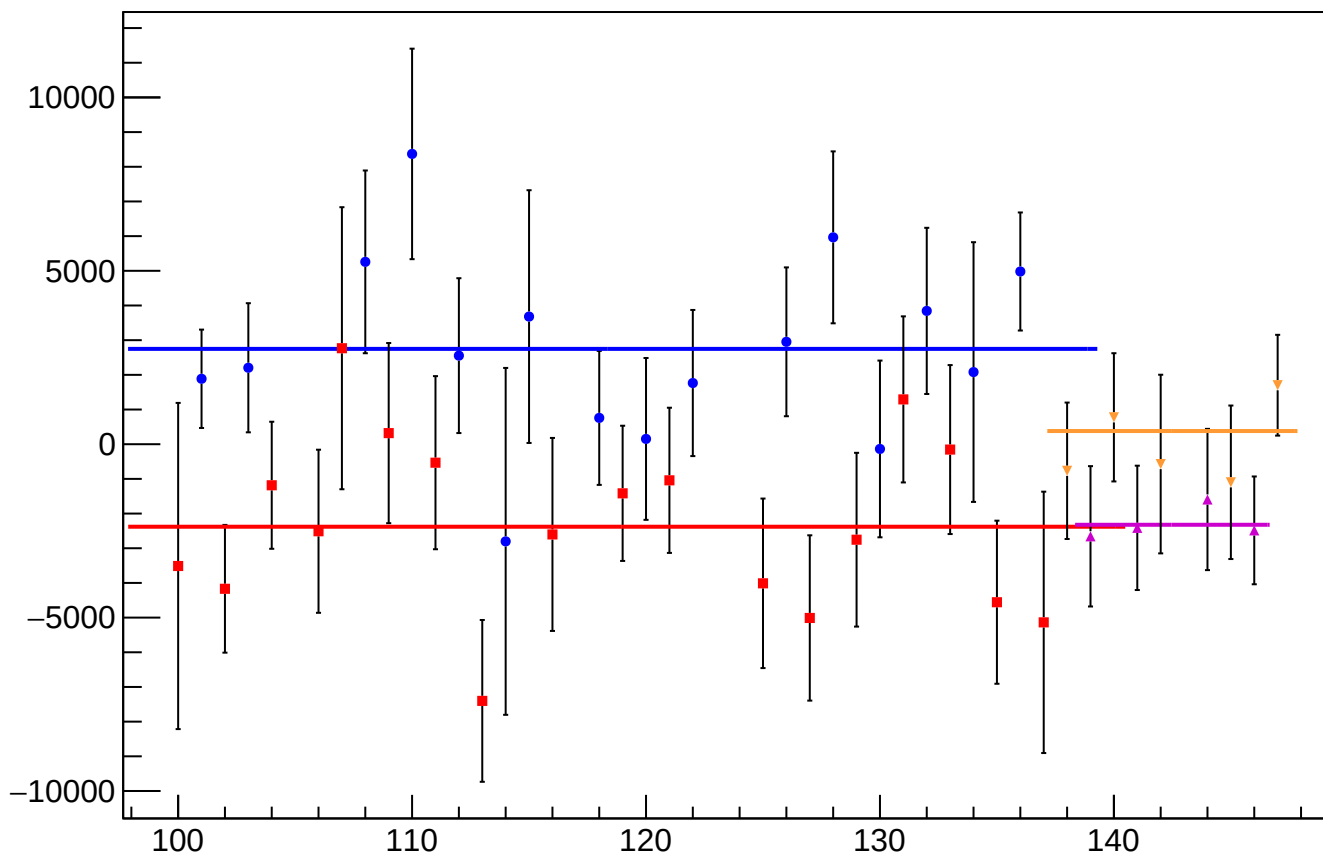
Left In: 1442.697+/-0.568 χ^2/NDF : 135466.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1383.997+/-0.382 χ^2/NDF : 374417.4/8

- 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: 379.740 $\pm$ 851.406 χ^2 /NDF:1.8/4

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

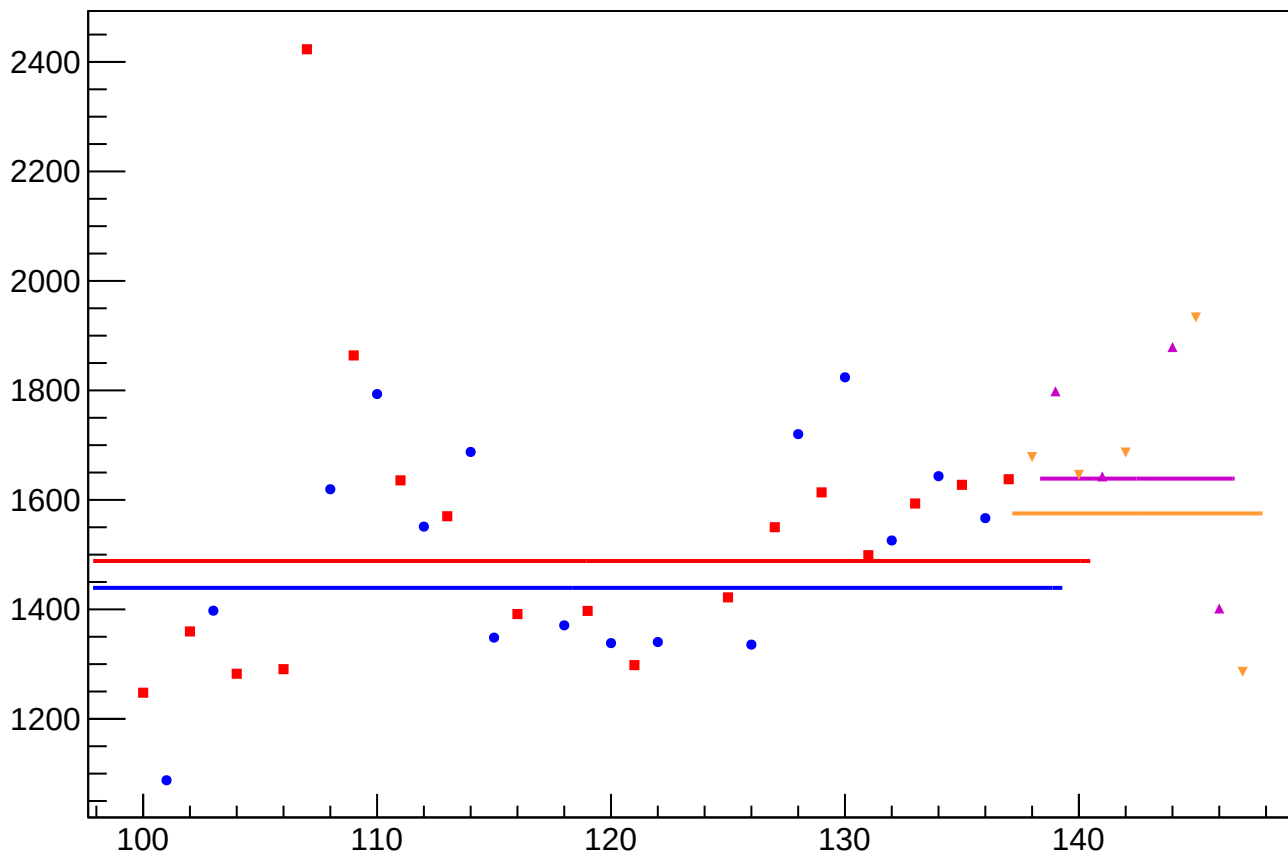
Left In: -2323.289 $\pm$ 908.917 χ^2 /NDF:0.2/3

+ sign 2028.137 $\pm$ 469.580 χ^2 /NDF: 20.7/20

All: -109.213 $\pm$ 336.440 χ^2 /NDF: 79.7/42

- sign -2363.639 $\pm$ 482.270 χ^2 /NDF: 16.4/21

asym_us_avg_rms vs Slug



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

Left Out: 1575.257 $\pm$ 0.602 χ^2 /NDF:143738.6/4

Right Out: 1488.384 $\pm$ 0.402 χ^2 /NDF: 256324.7/17

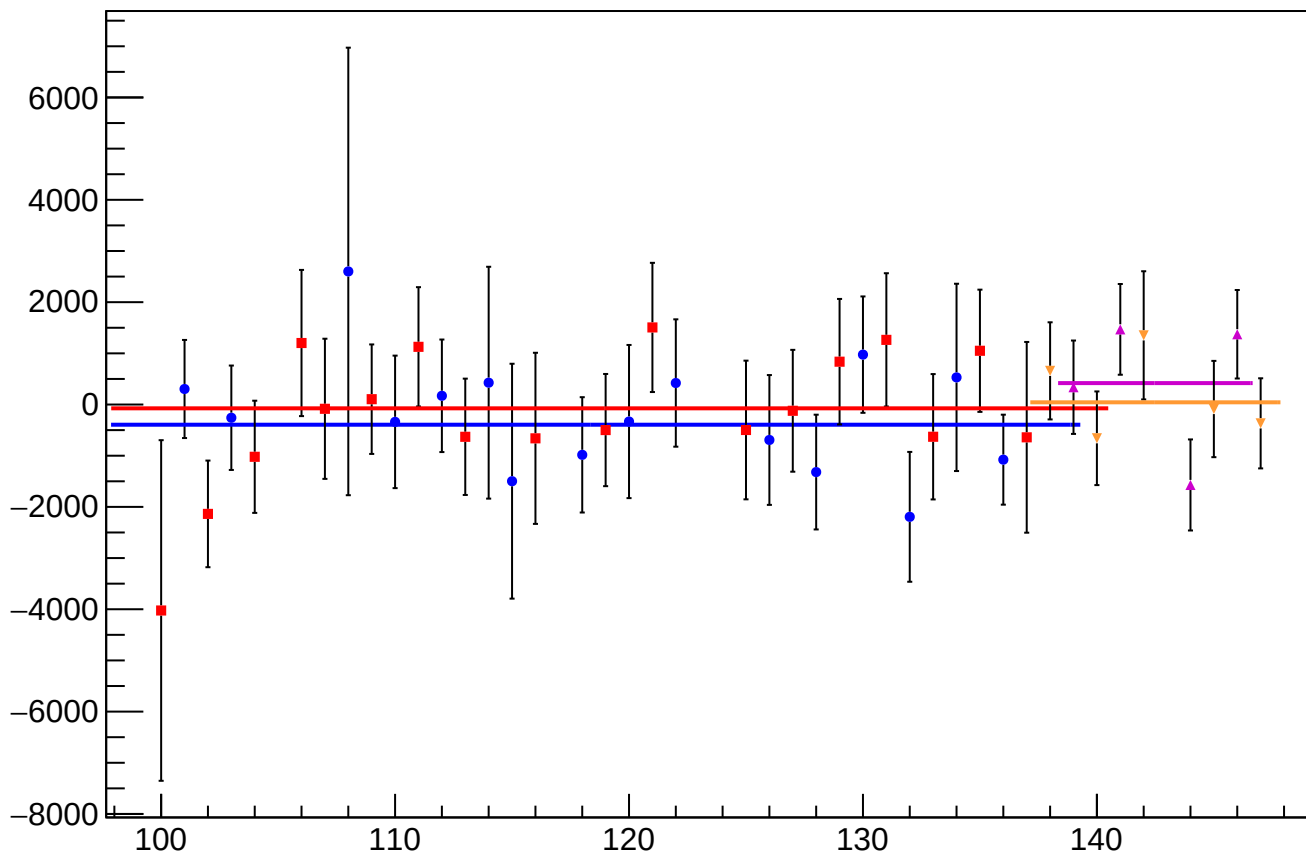
Left In: 1638.873 $\pm$ 0.643 χ^2 /NDF:86875.2/3

+ sign 1480.679 $\pm$ 0.332 χ^2 /NDF: 457068.2/20

All: 1505.048 $\pm$ 0.238 χ^2 /NDF: 850726.3/42

- sign 1530.752 $\pm$ 0.341 χ^2 /NDF: 382590.8/21

dit_asym_us_dd_mean vs Slug



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

Left Out: 43.299 ± 431.822 χ^2/NDF : 2.3/4

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

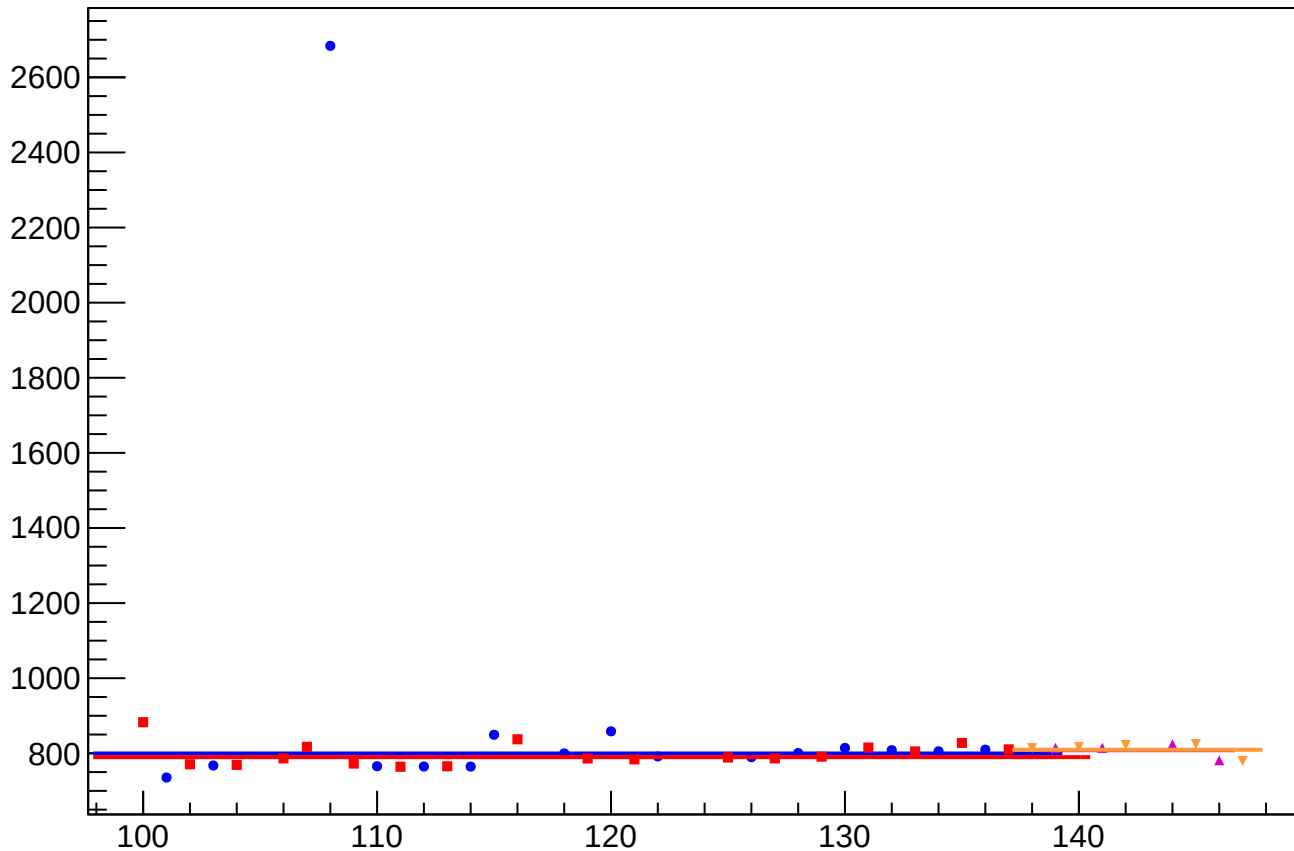
Left In: 418.817 ± 443.892 χ^2/NDF : 7.6/3

+ sign -243.510 ± 253.520 χ^2/NDF : 10.4/20

All: -78.378 ± 177.152 χ^2/NDF : 32.7/42

- sign 79.188 ± 247.644 χ^2/NDF : 21.4/21

dit_asym_us_dd_rms vs Slug



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

Left Out: 809.495 $\pm$ 0.305 χ^2 /NDF: 3235.1/4

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

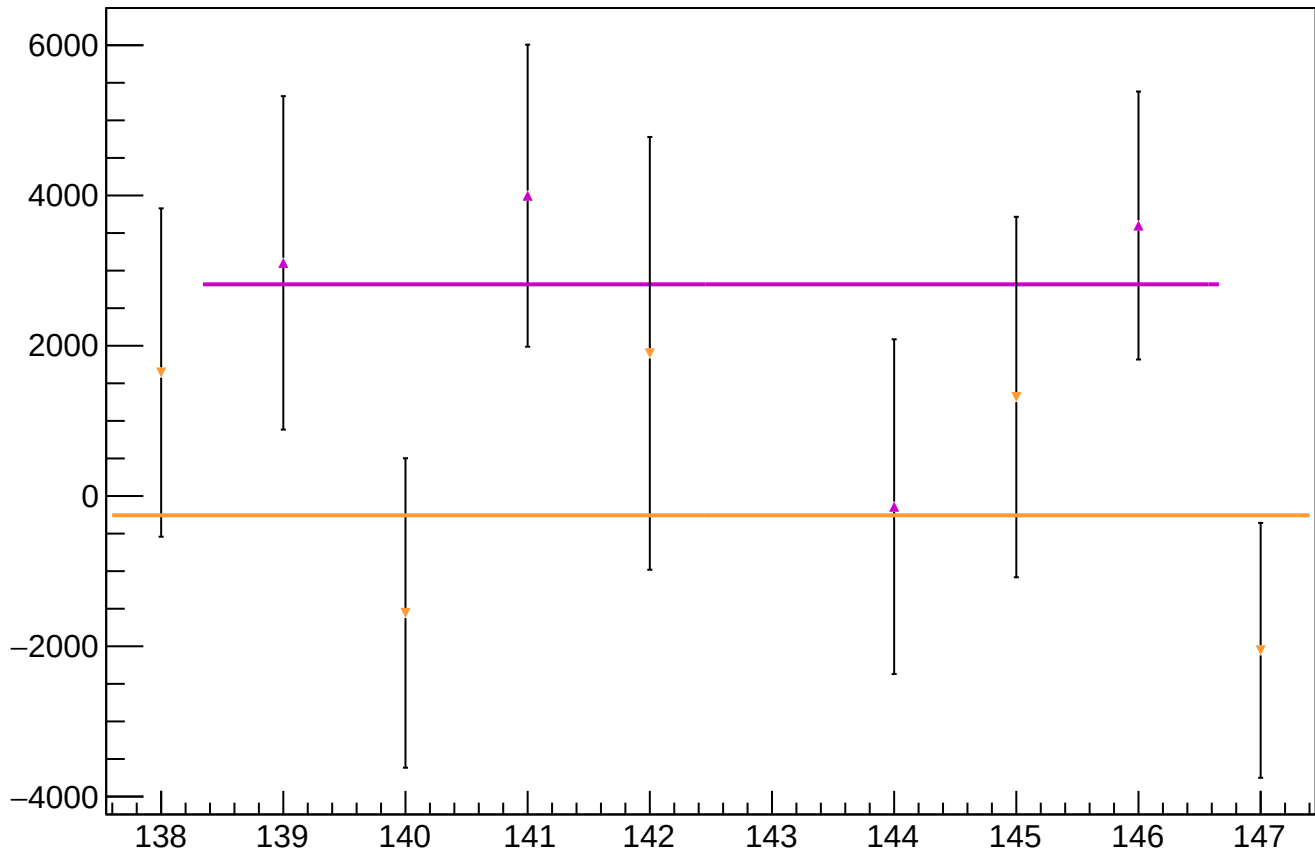
Left In: 808.276 $\pm$ 0.314 χ^2 /NDF: 2746.8/3

+ sign 802.969 $\pm$ 0.179 χ^2 /NDF: 395118.0/20

All: 799.171 $\pm$ 0.125 χ^2 /NDF: 412305.1/42

- sign 795.546 $\pm$ 0.175 χ^2 /NDF: 16309.7/21

asym_us_dd_correction_mean vs Slug



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

Left Out: -256.506+/-959.120 χ^2/NDF : 3.3/4

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

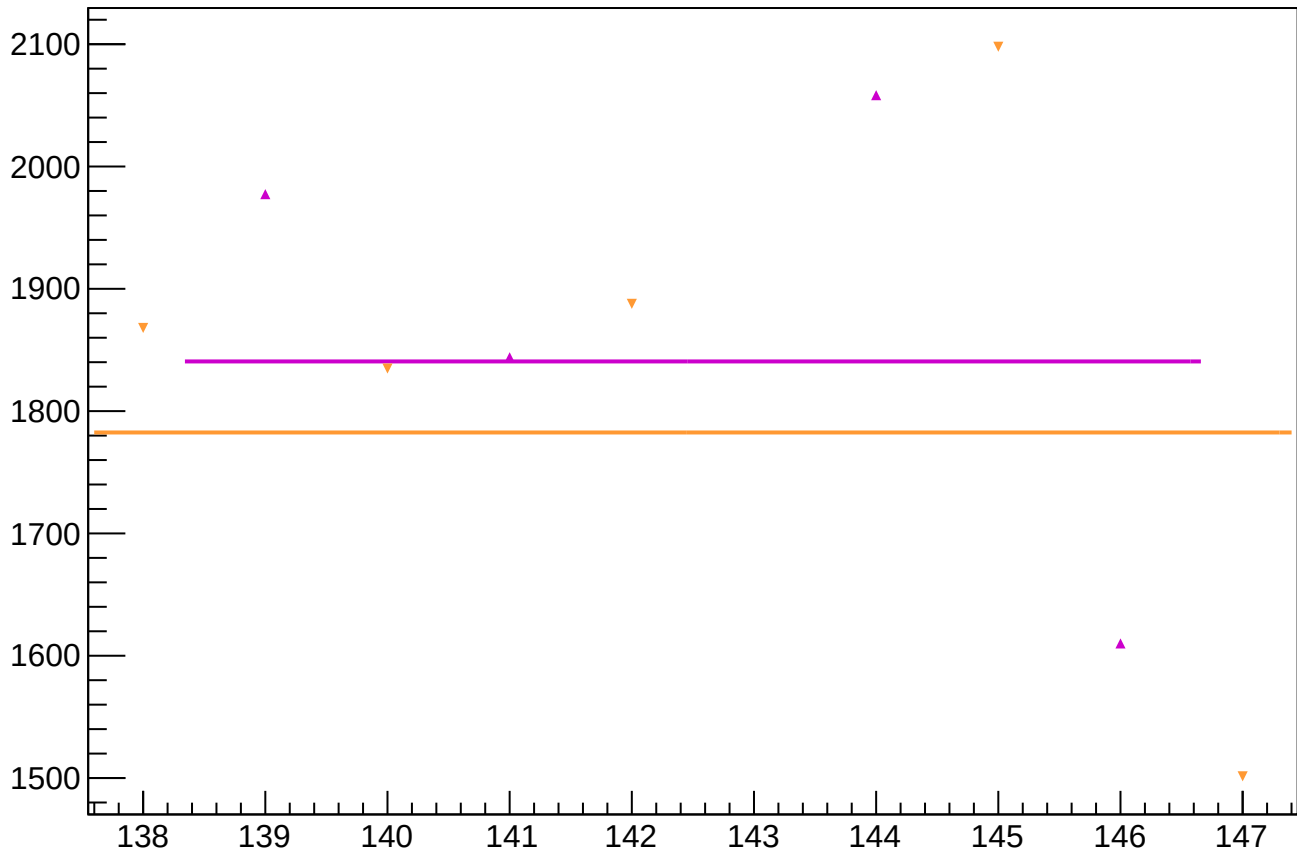
Left In: 2817.342+/-1017.129 χ^2/NDF : 2.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1190.269+/-697.807 χ^2/NDF : 10.4/8

- 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: 1782.542+/-0.678 χ^2/NDF : 96520.3/4

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

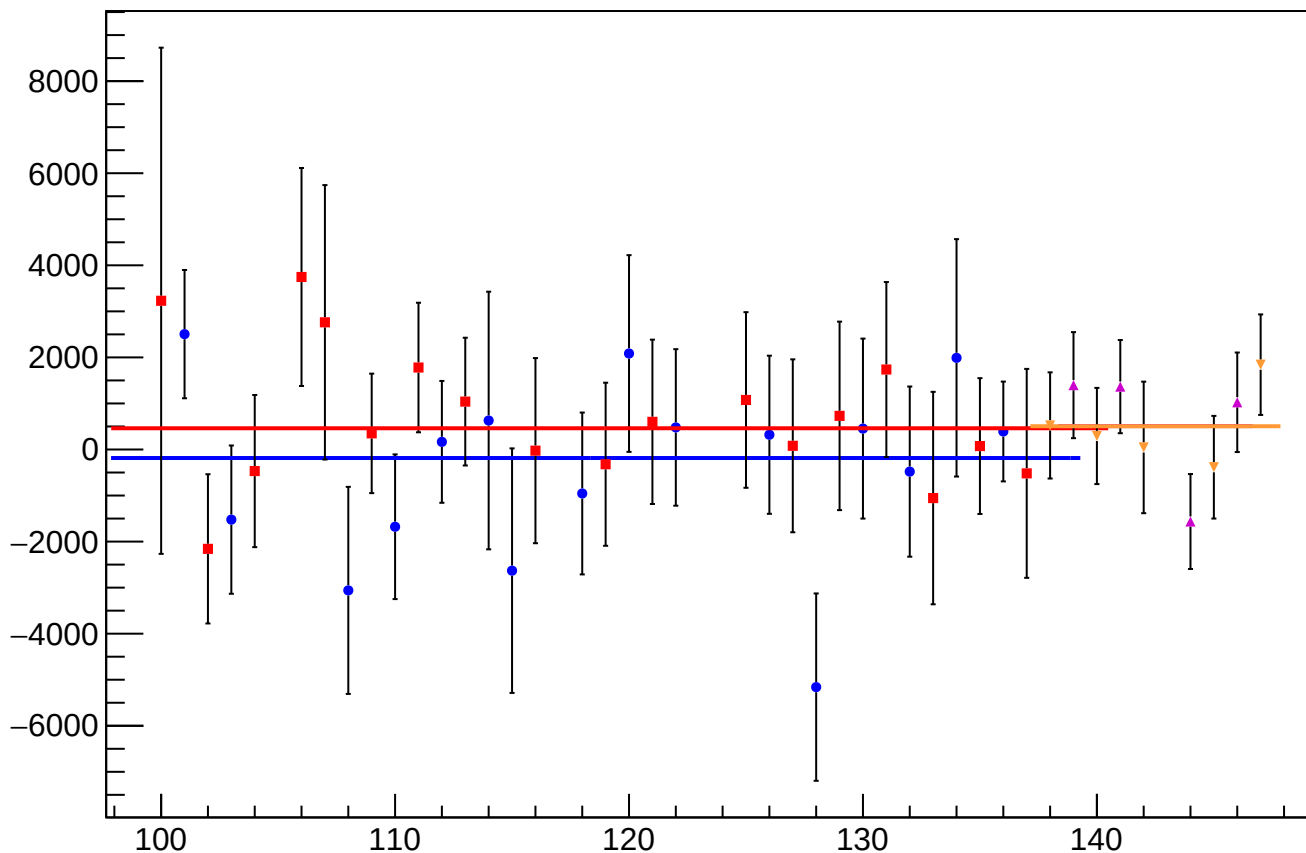
Left In: 1840.624+/-0.719 χ^2/NDF : 60140.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1809.880+/-0.493 χ^2/NDF : 160113.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_mean vs Slug



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

Left Out: 504.976 ± 512.827 χ^2/NDF : 2.3/4

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

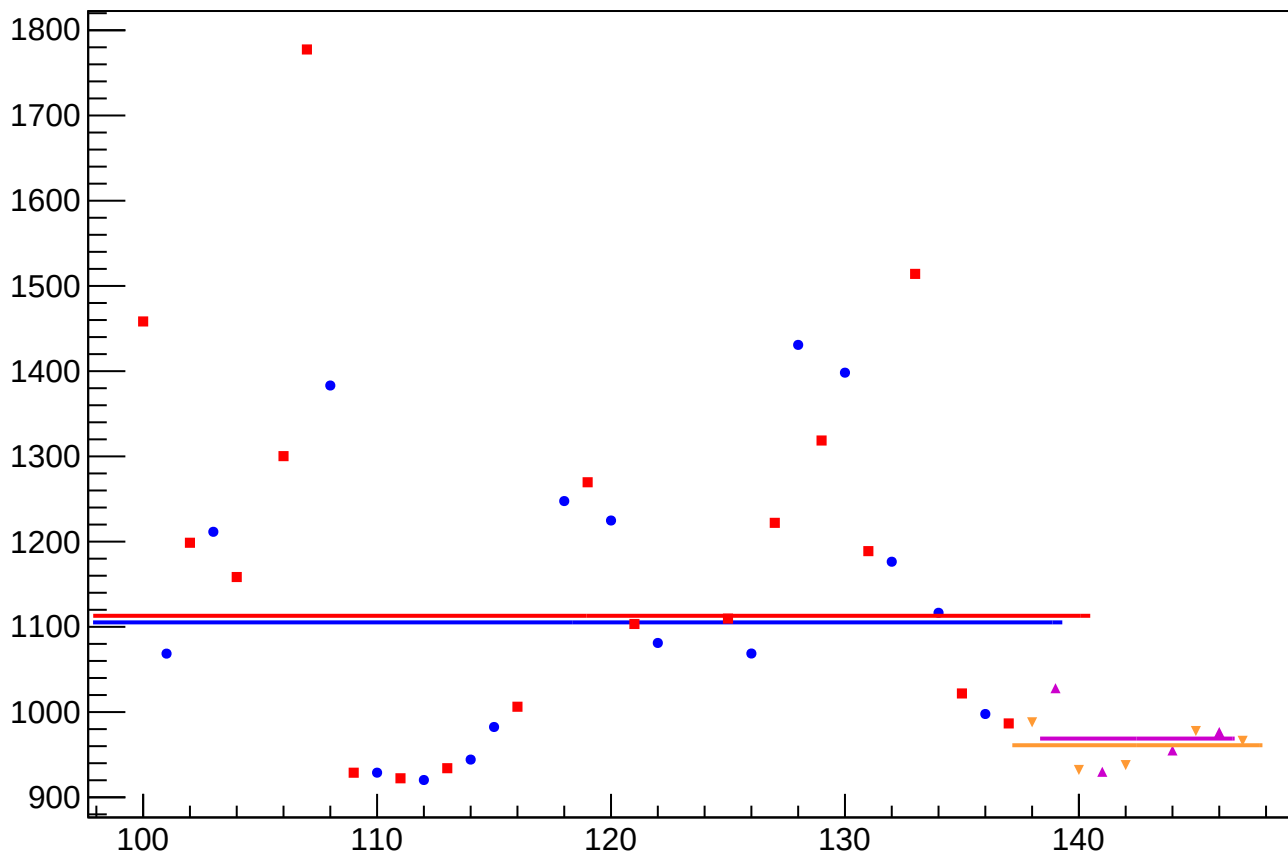
Left In: 508.287 ± 532.453 χ^2/NDF : 5.6/3

+ sign 100.967 ± 330.169 χ^2/NDF : 20.0/20

All: 288.653 ± 234.486 χ^2/NDF : 34.5/42

- sign 479.658 ± 333.076 χ^2/NDF : 13.9/21

asym_us_dd_rms vs Slug



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

Left Out: 961.086 ± 0.363 χ^2/NDF : 3654.2/4

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

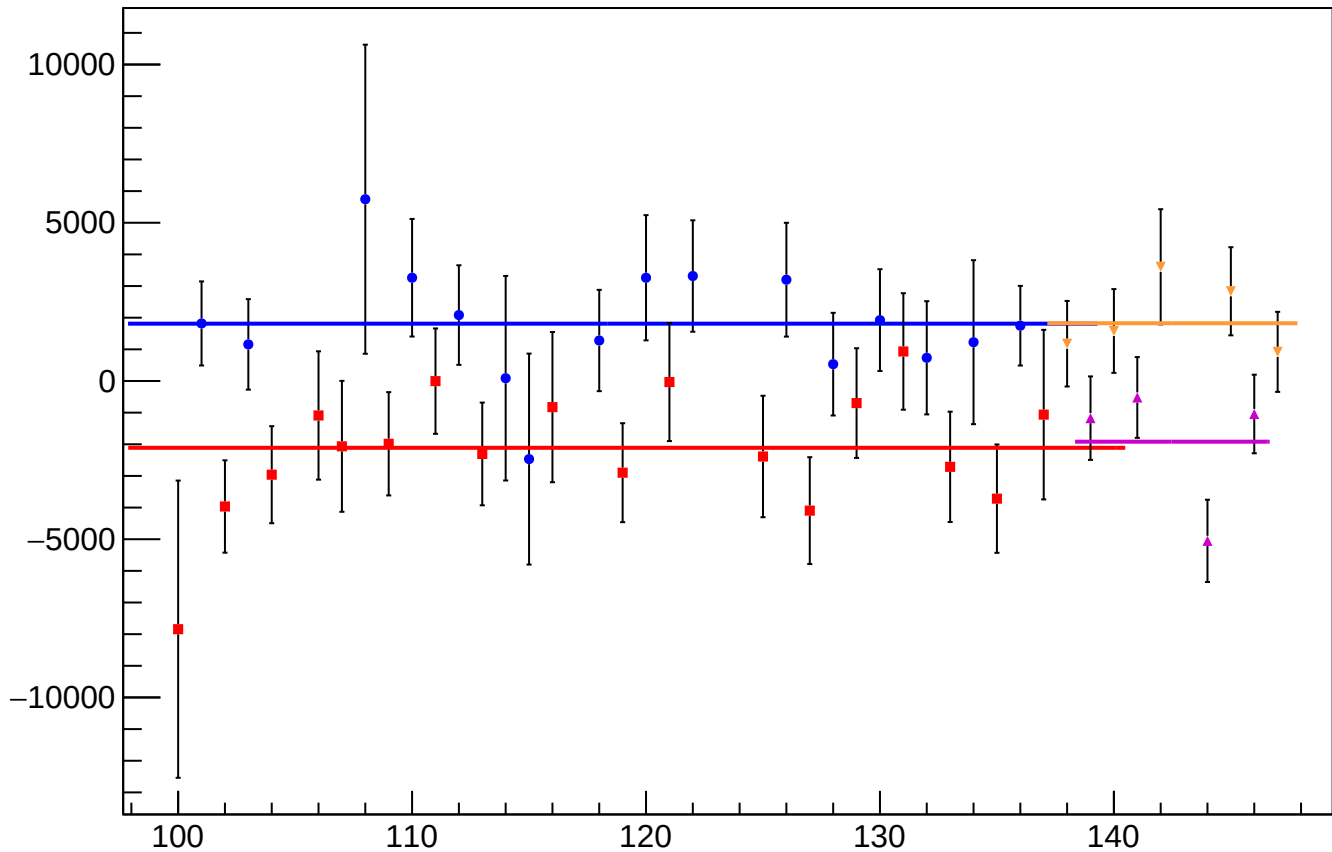
Left In: 968.914 ± 0.377 χ^2/NDF : 8699.1/3

+ sign 1045.485 ± 0.233 χ^2/NDF : 351541.2/20

All: 1050.994 ± 0.166 χ^2/NDF : 813473.9/42

- sign 1056.601 ± 0.236 χ^2/NDF : 460809.0/21

dit_asym_usl_mean vs Slug



Right In: 1811.054 ± 442.142 χ^2/NDF : 6.5/15

Left Out: 1824.740 ± 624.830 χ^2/NDF : 2.3/4

Right Out: -2111.004 ± 427.676 χ^2/NDF : 13.0/17

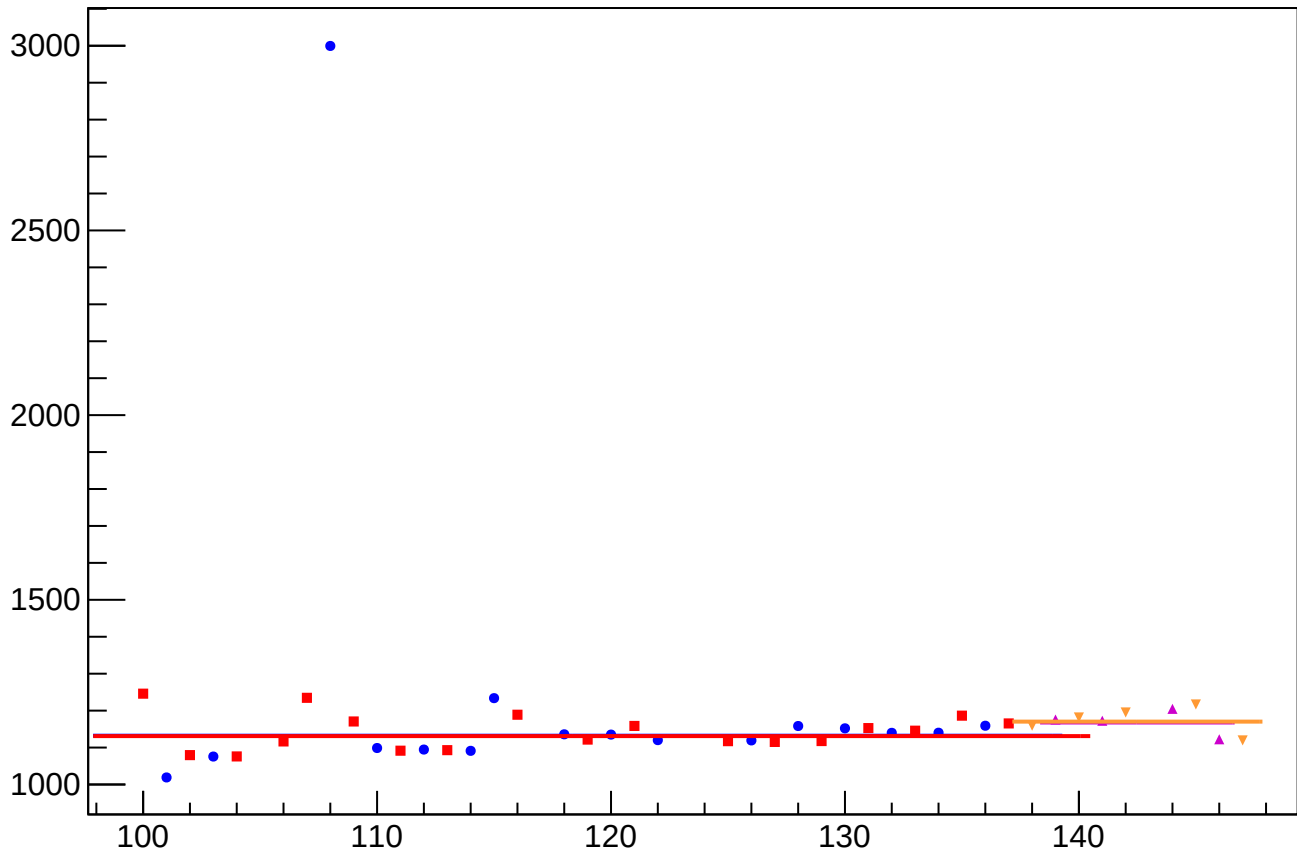
Left In: -1917.935 ± 641.605 χ^2/NDF : 7.8/3

+ sign 1815.620 ± 360.920 χ^2/NDF : 8.7/20

All: -145.273 ± 253.402 χ^2/NDF : 87.8/42

- sign -2051.609 ± 355.864 χ^2/NDF : 20.9/21

dit_asym_usl_rms vs Slug



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

Left Out: 1170.232 $\pm$ 0.442 χ^2 /NDF: 6110.5/4

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

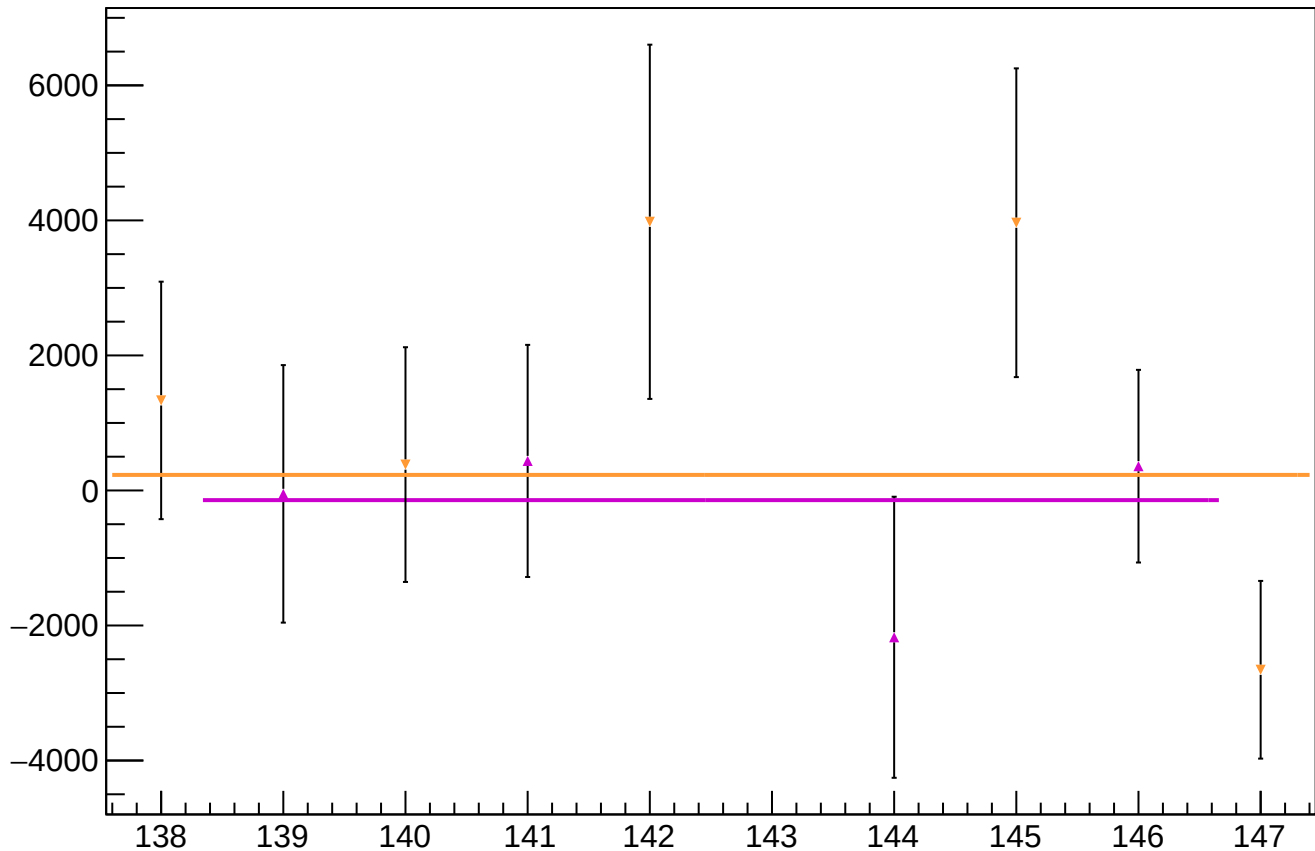
Left In: 1167.852 $\pm$ 0.454 χ^2 /NDF: 4393.7/3

+ sign 1144.806 $\pm$ 0.255 χ^2 /NDF: 327106.9/20

All: 1143.560 $\pm$ 0.179 χ^2 /NDF: 355831.0/42

- sign 1142.348 $\pm$ 0.252 χ^2 /NDF: 28677.1/21

asym_usl_correction_mean vs Slug



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

Left Out: 230.376+/-798.533 χ^2/NDF : 9.9/4

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

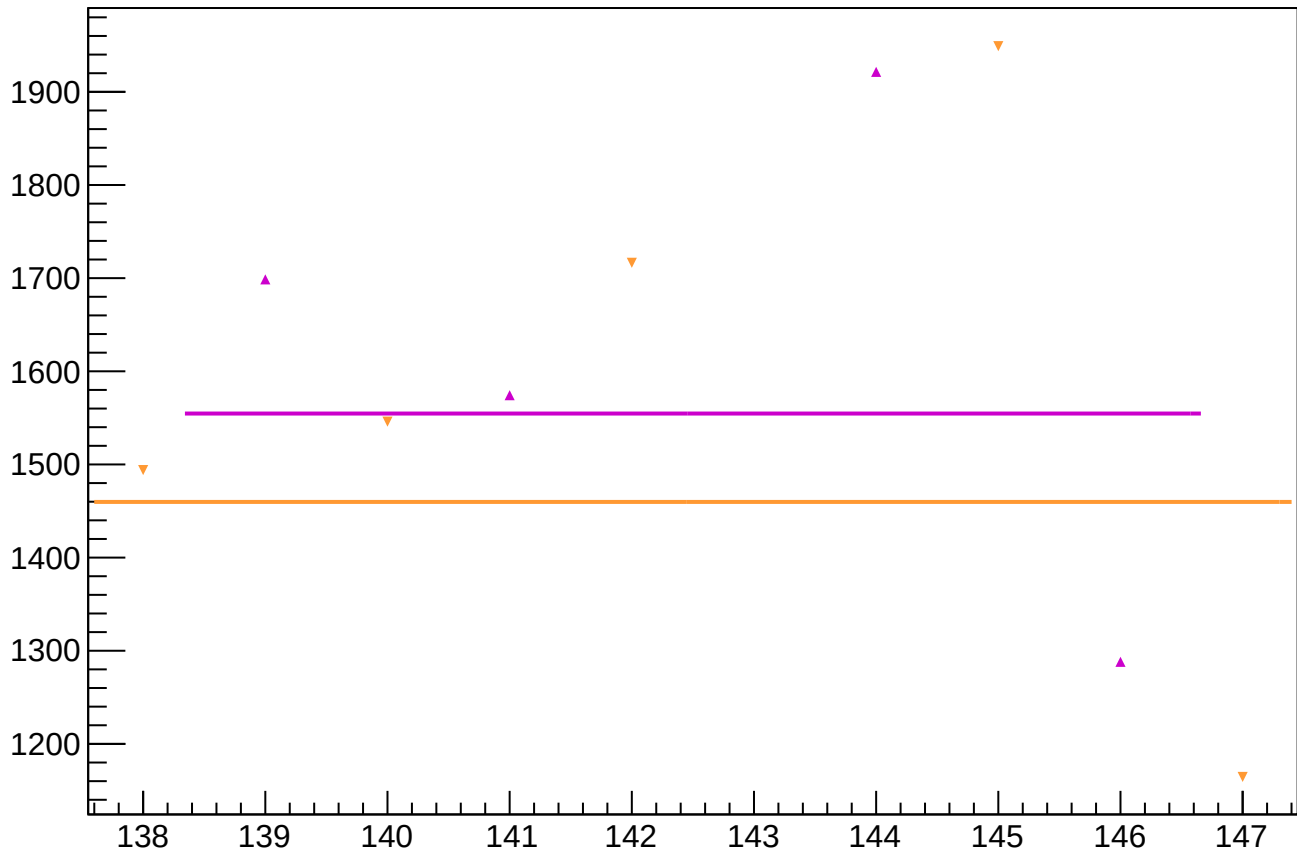
Left In: -143.195+/-865.361 χ^2/NDF : 1.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.570+/-586.853 χ^2/NDF : 11.2/8

- 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: 1459.771+/-0.565 χ^2/NDF : 217057.9/4

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

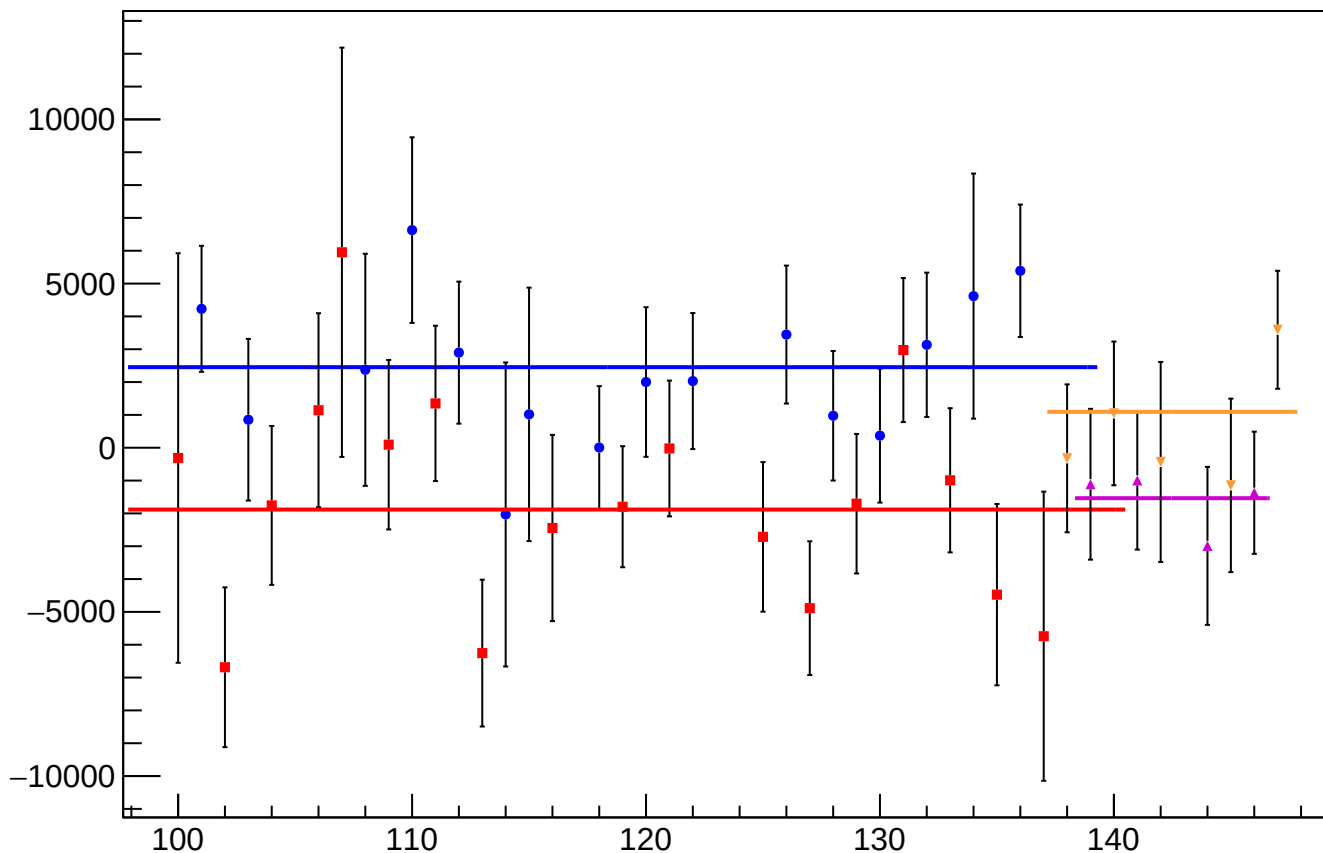
Left In: 1554.653+/-0.612 χ^2/NDF : 143584.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.407+/-0.415 χ^2/NDF : 373628.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



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

Left Out: 1093.528 $\pm$ 1017.010 χ^2 /NDF:3.3/4

Right Out: -1882.755 $\pm$ 583.188 χ^2 /NDF: 22.8/17

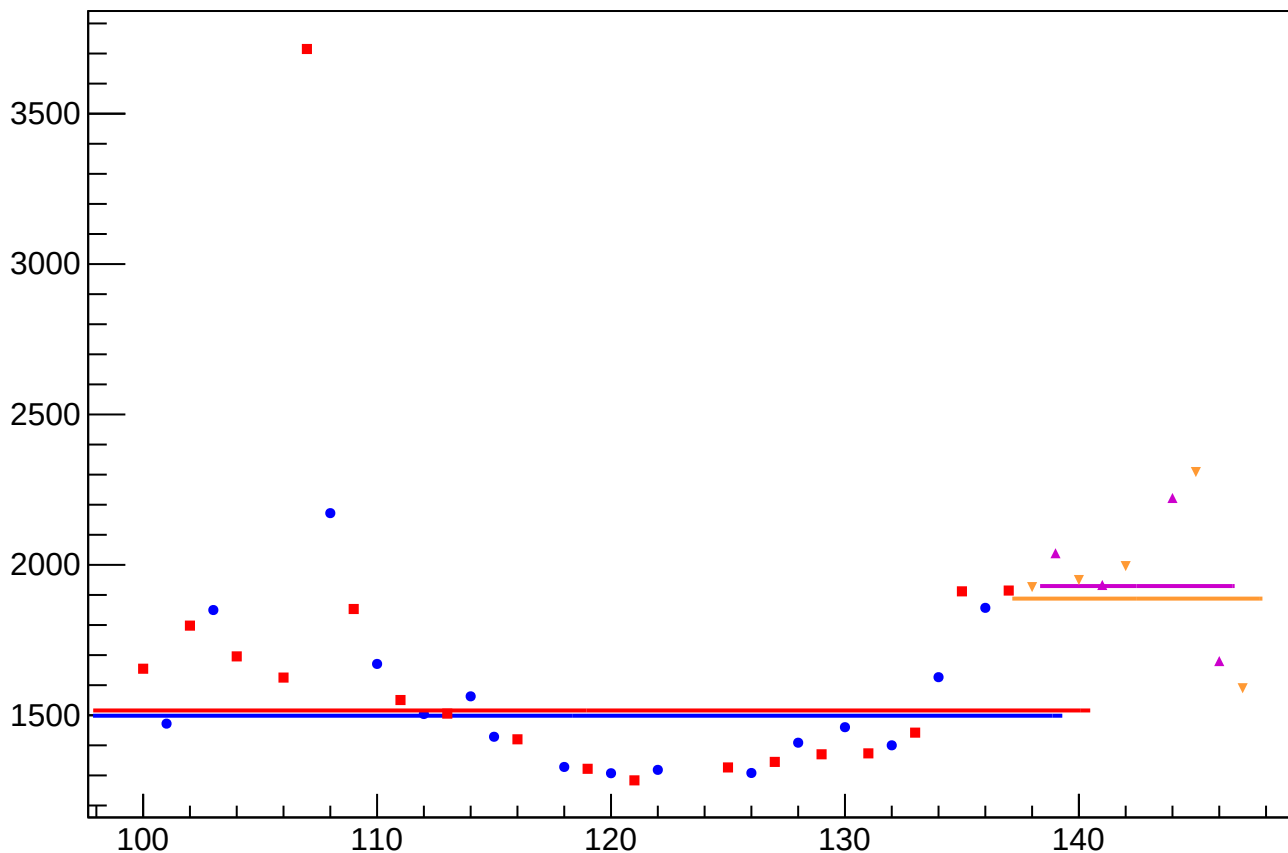
Left In: -1536.980 $\pm$ 1068.175 χ^2 /NDF:0.5/3

+ sign 2116.123 $\pm$ 506.641 χ^2 /NDF: 15.4/20

All: 176.498 $\pm$ 360.083 χ^2 /NDF: 68.3/42

- sign -1803.354 $\pm$ 511.868 χ^2 /NDF: 23.3/21

asym_usl_rms vs Slug



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

Left Out: 1887.826+/-0.719 χ^2/NDF : 110465.0/4

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

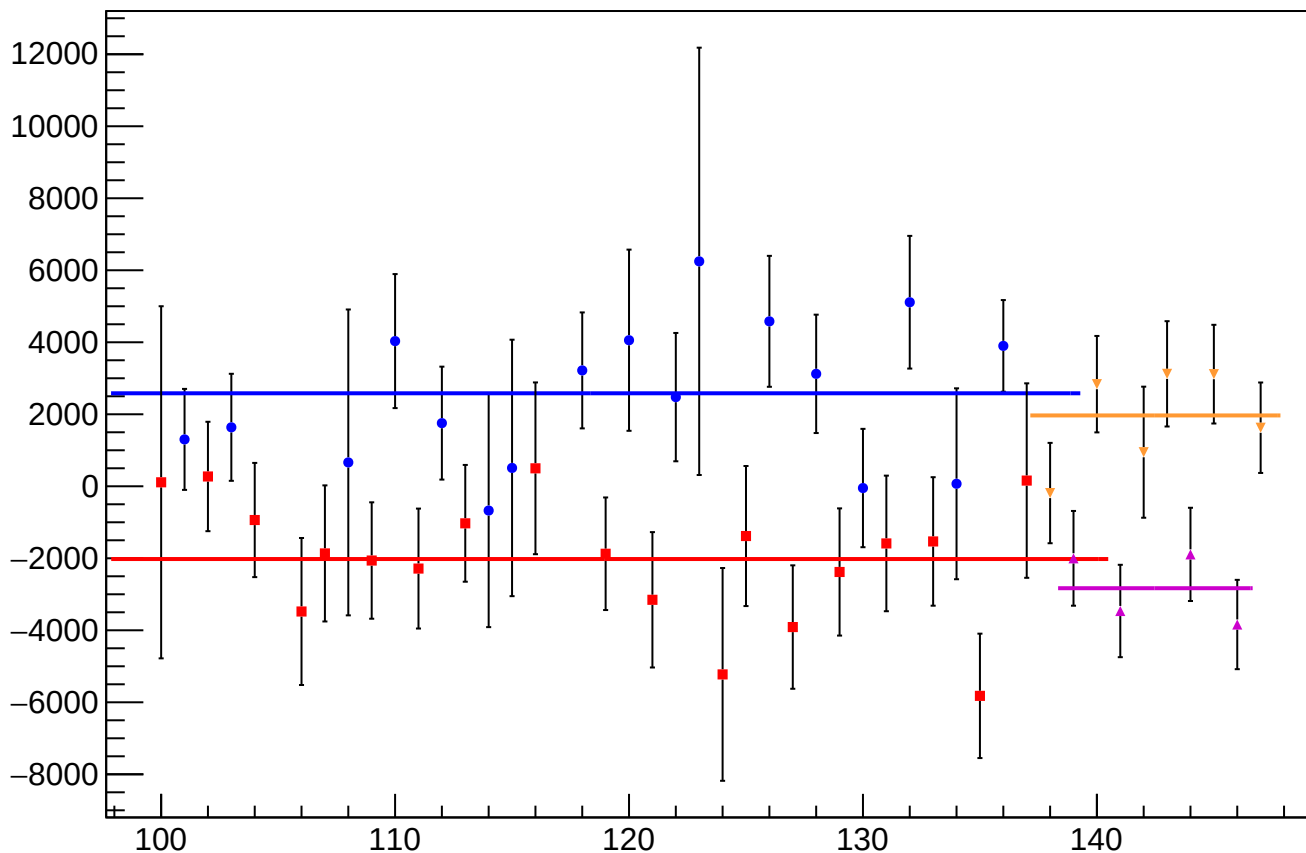
Left In: 1929.580+/-0.755 χ^2/NDF : 70080.9/3

+ sign 1595.108+/-0.358 χ^2/NDF : 589646.3/20

All: 1602.938+/-0.255 χ^2/NDF : 1372265.3/42

- sign 1610.931+/-0.362 χ^2/NDF : 781653.5/21

dit_asym_usr_mean vs Slug



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

Left Out: 1967.758 ± 576.648 χ^2/NDF : 4.5/5

Right Out: -2020.735 ± 426.756 χ^2/NDF : 13.5/18

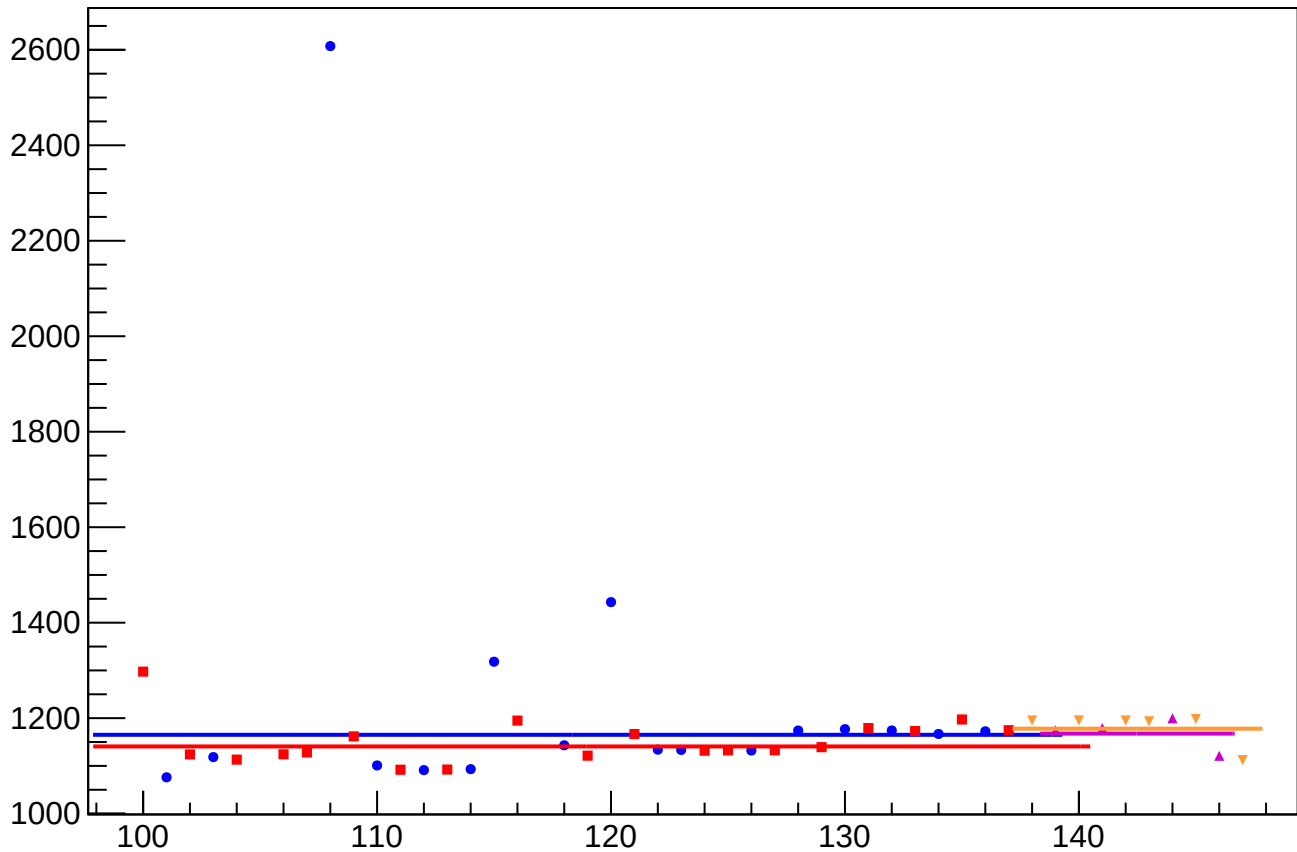
Left In: -2831.313 ± 641.363 χ^2/NDF : 1.8/3

+ sign 2348.080 ± 356.320 χ^2/NDF : 17.5/22

All: 32.625 ± 251.592 χ^2/NDF : 118.2/45

- sign -2269.481 ± 355.292 χ^2/NDF : 16.4/22

dit_asym_usr_rms vs Slug



Right In: 1165.146 ± 0.320 $\chi^2/\text{NDF}: 278570.1/16$

Left Out: 1177.959 ± 0.408 $\chi^2/\text{NDF}: 6980.1/5$

Right Out: 1140.752 ± 0.302 $\chi^2/\text{NDF}: 12717.7/18$

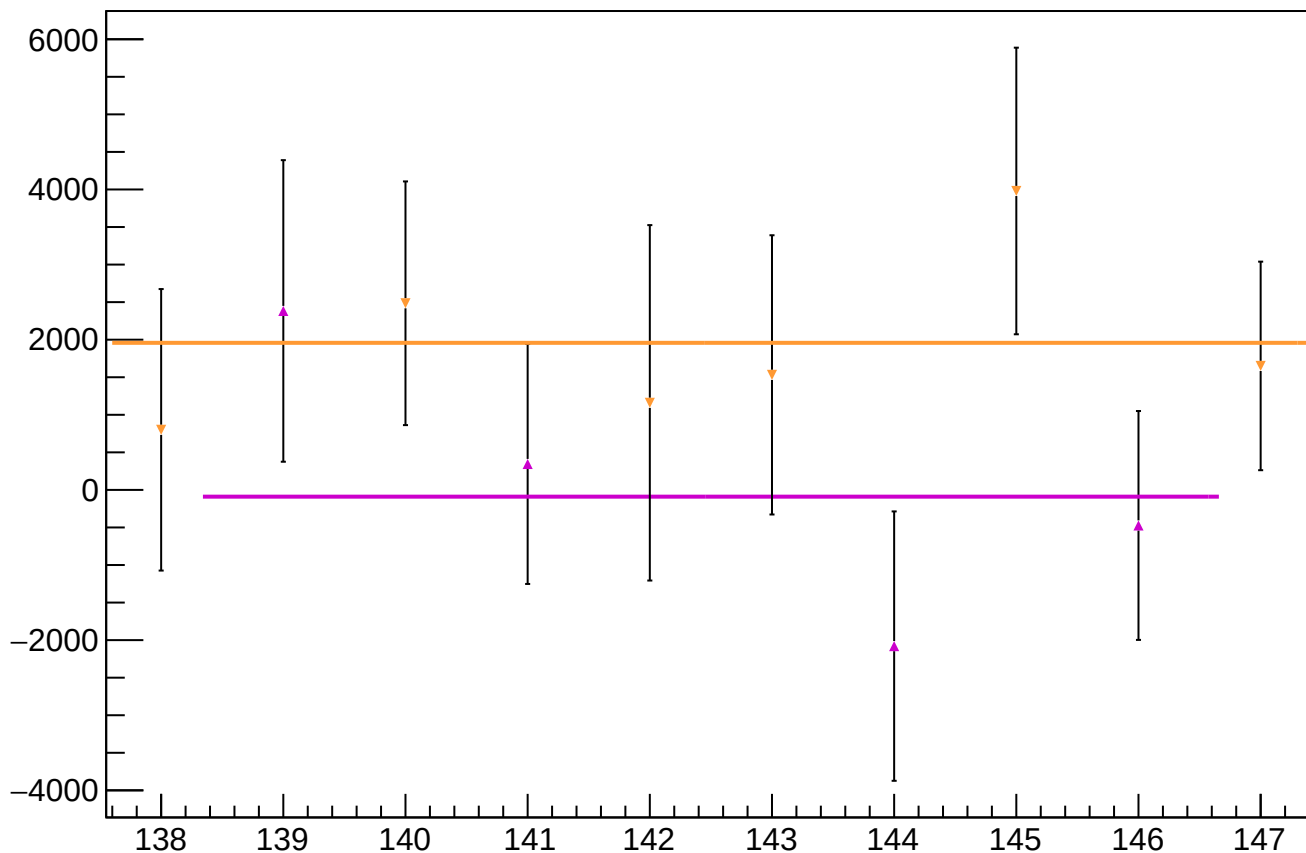
Left In: 1167.656 ± 0.454 $\chi^2/\text{NDF}: 4254.8/3$

+ sign 1170.038 ± 0.252 $\chi^2/\text{NDF}: 286160.6/22$

All: 1159.493 ± 0.178 $\chi^2/\text{NDF}: 309065.9/45$

- sign 1149.008 ± 0.251 $\chi^2/\text{NDF}: 19411.9/22$

asym_usr_correction_mean vs Slug



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

Left Out: 1958.253+/-720.517 χ^2/NDF : 1.8/5

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

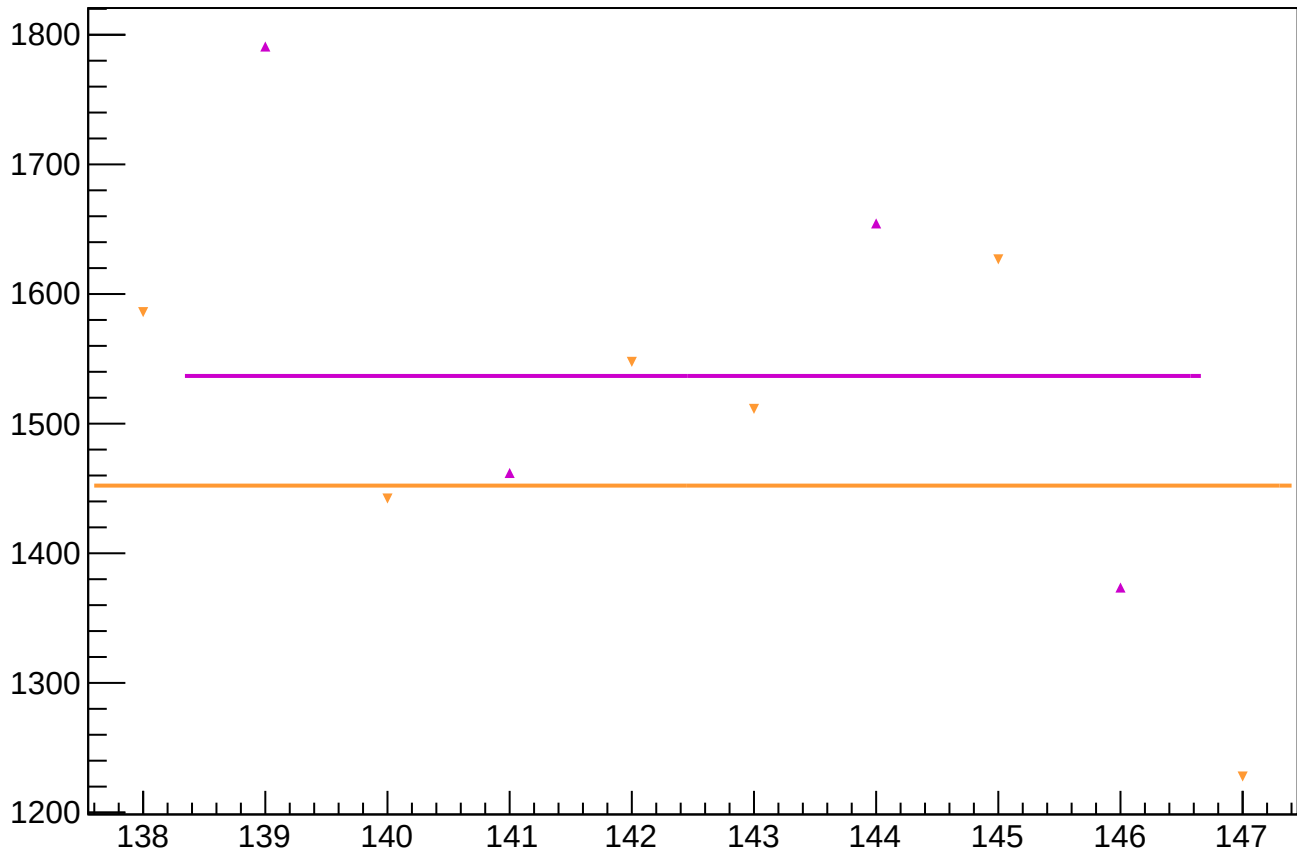
Left In: -89.808+/-850.738 χ^2/NDF : 2.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.802+/-549.822 χ^2/NDF : 8.1/9

- 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: 1452.211+/-0.509 χ^2/NDF : 84553.4/5

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

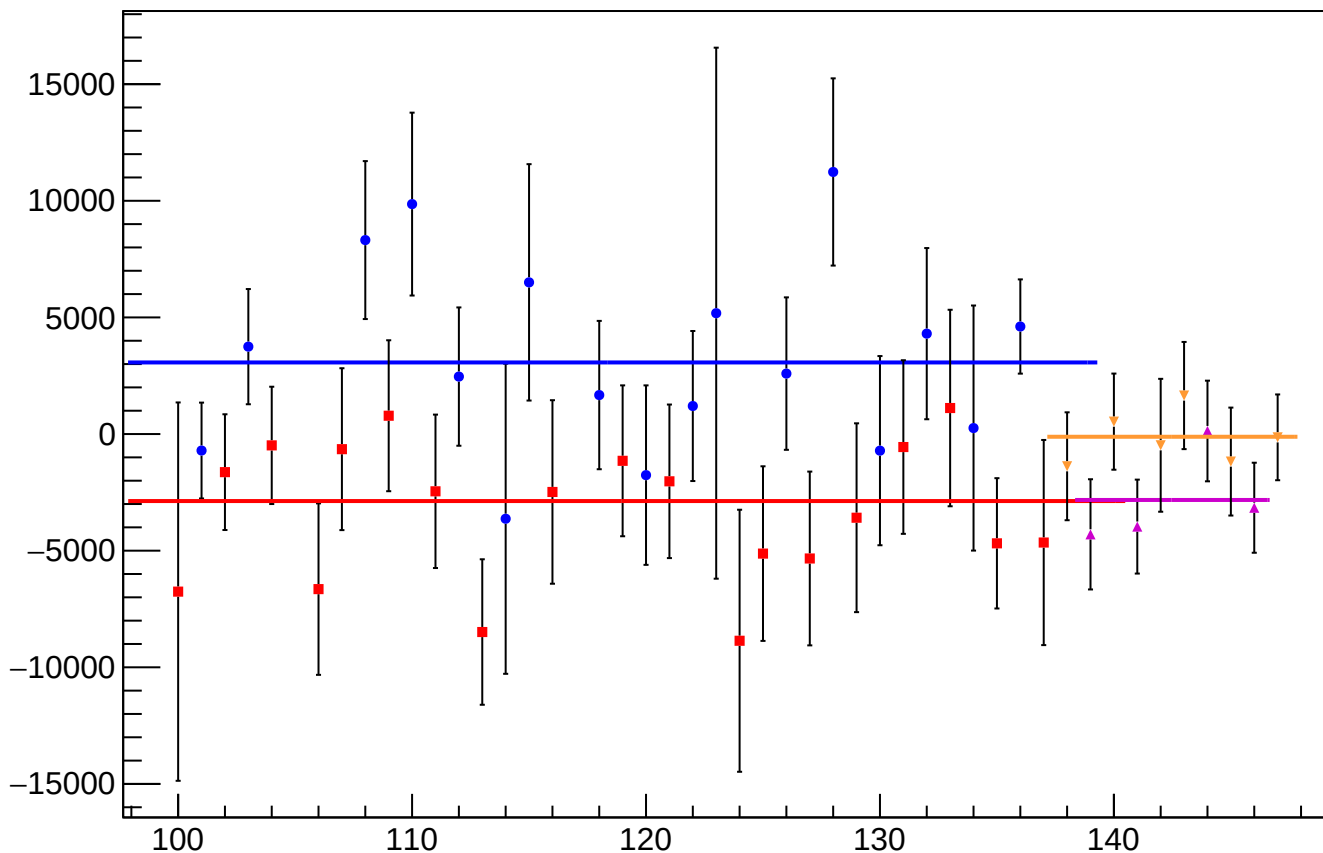
Left In: 1536.805+/-0.602 χ^2/NDF : 68002.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1487.545+/-0.389 χ^2/NDF : 164071.6/9

- 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: -116.335 $\pm$ 906.248 χ^2/NDF : 1.2/5

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

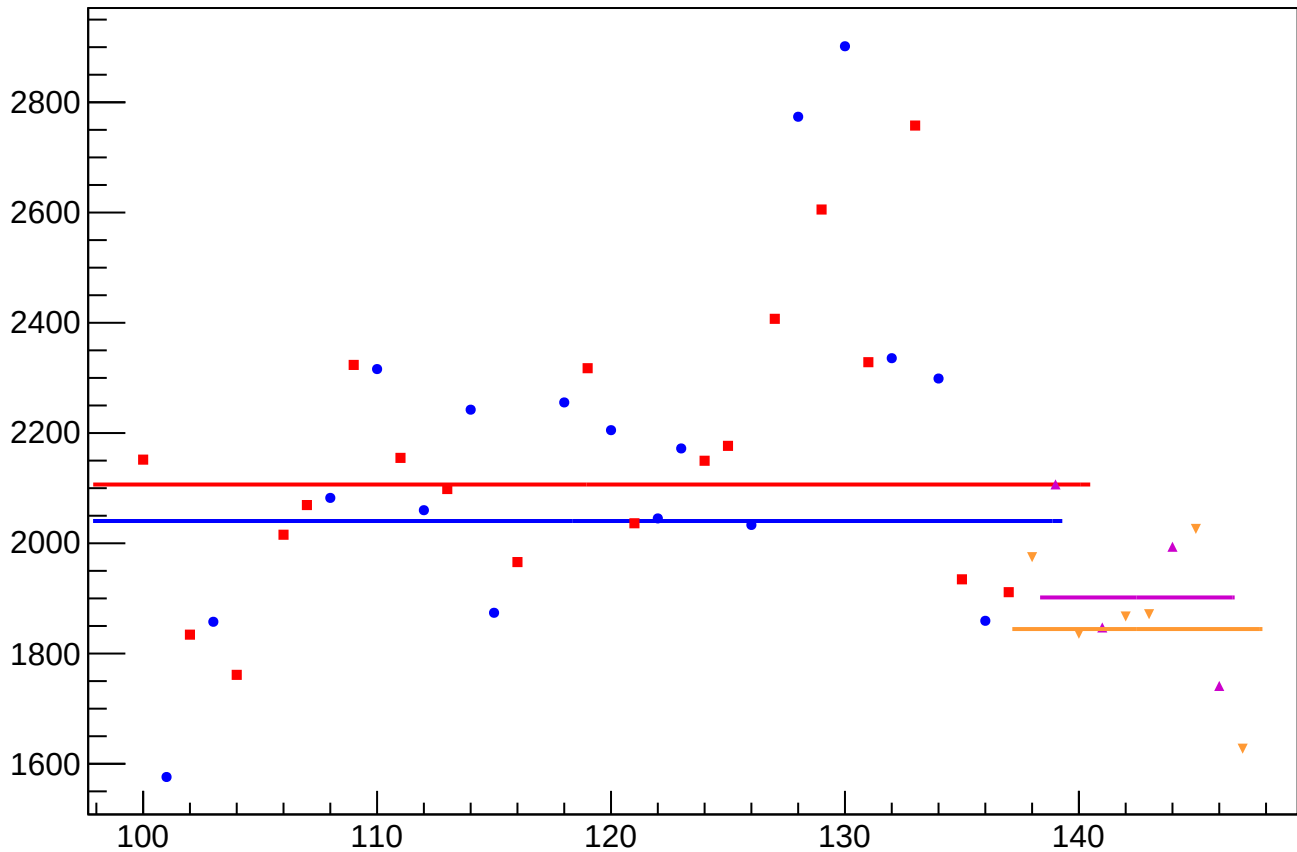
Left In: -2826.033 $\pm$ 1048.838 χ^2/NDF : 2.6/3

+ sign 1678.622 $\pm$ 598.795 χ^2/NDF : 26.7/22

All: -460.032 $\pm$ 435.243 χ^2/NDF : 67.9/45

- sign -2855.608 $\pm$ 633.743 χ^2/NDF : 14.2/22

asym_usr_rms vs Slug



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

Left Out: 1844.438+/-0.641 χ^2/NDF : 46979.4/5

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

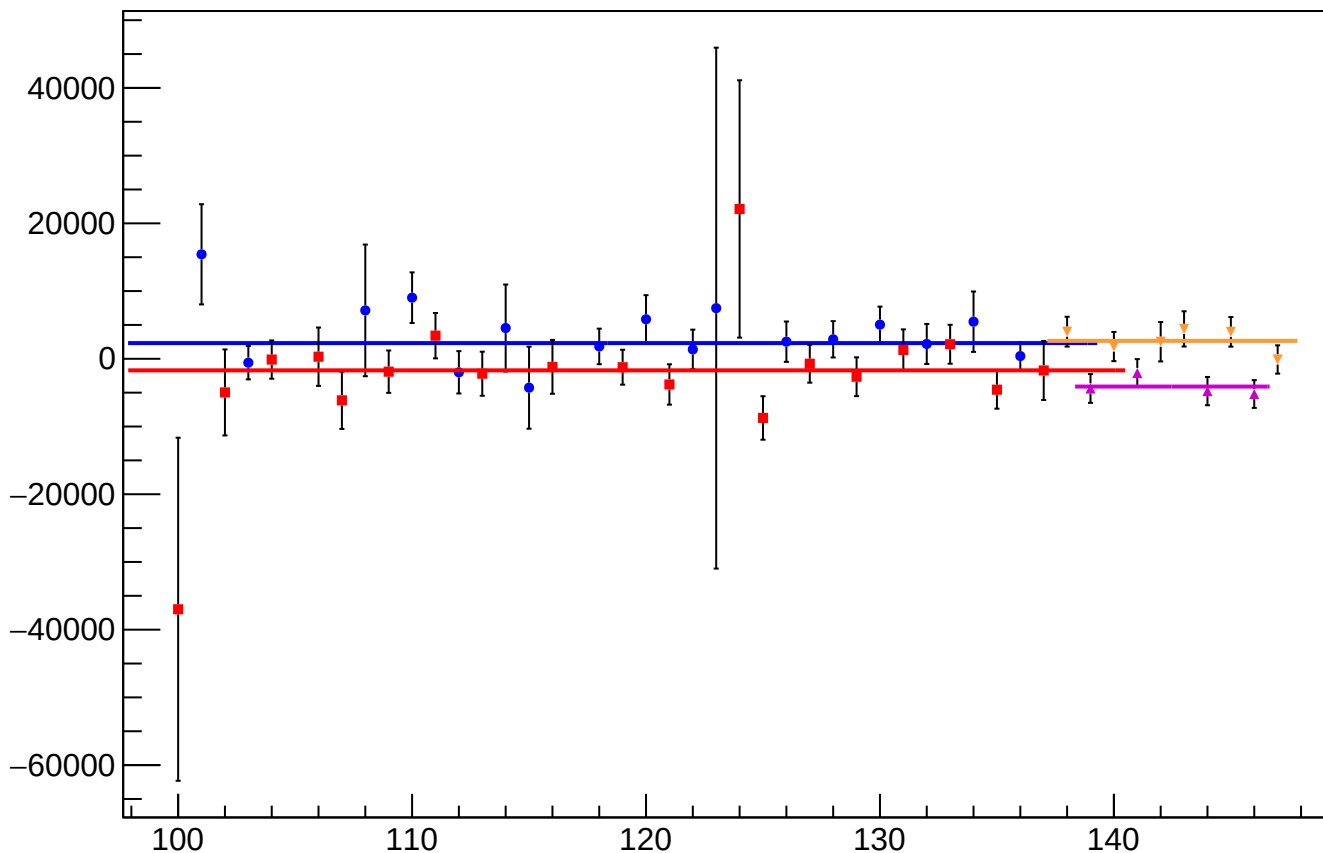
Left In: 1901.751+/-0.742 χ^2/NDF : 34003.5/3

+ sign 1954.866+/-0.423 χ^2/NDF : 431025.3/22

All: 1991.165+/-0.308 χ^2/NDF : 724475.2/45

- sign 2031.825+/-0.448 χ^2/NDF : 277867.6/22

dit_asym_at1_avg_mean vs Slug



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

Left Out: 2644.312 $\pm$ 942.444 χ^2 /NDF:3.1/5

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

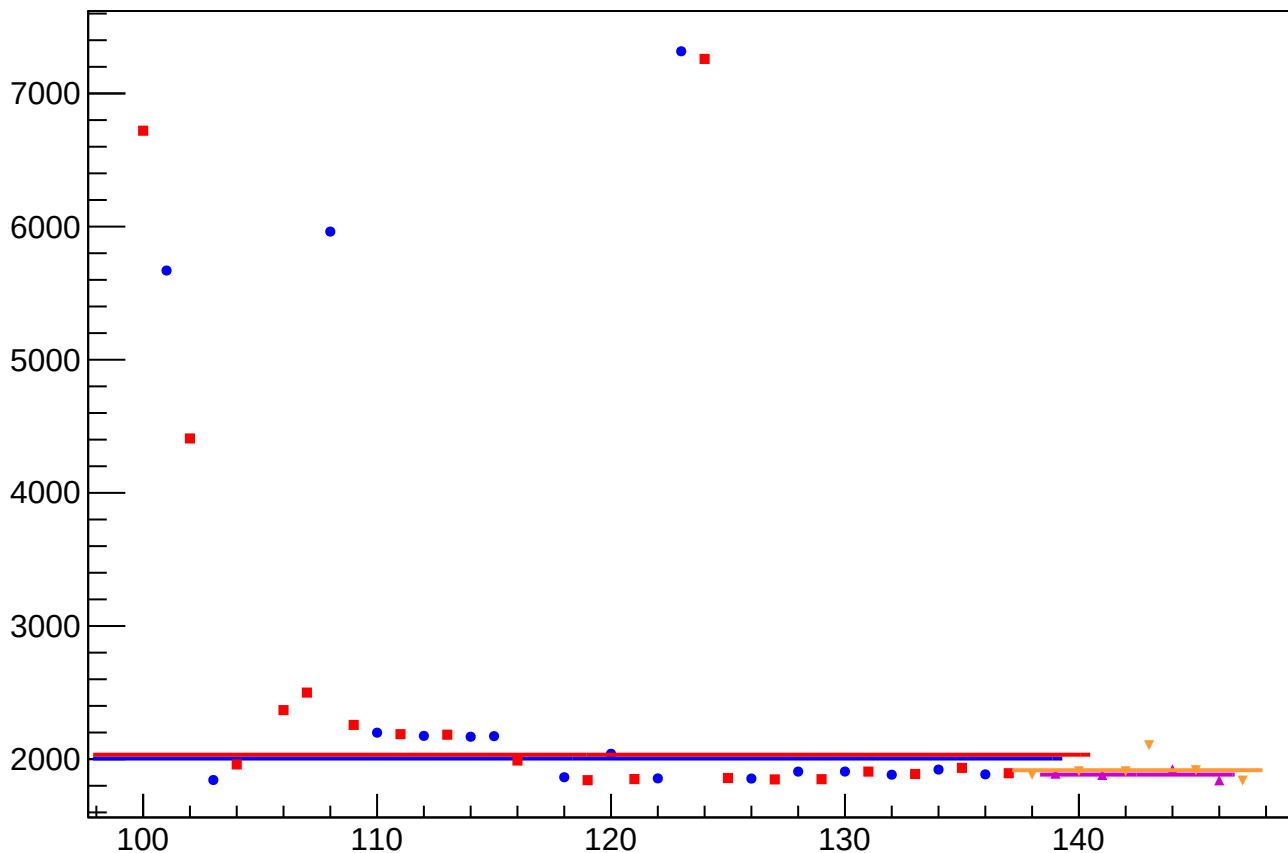
Left In: -4100.238 $\pm$ 1038.205 χ^2 /NDF:1.4/3

+ sign 2455.545 $\pm$ 610.533 χ^2 /NDF: 18.0/22

All: 0.135 $\pm$ 436.759 χ^2 /NDF: 73.0/45

- sign -2573.547 $\pm$ 625.064 χ^2 /NDF: 21.9/22

dit_asym_at1_avg_rms vs Slug



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

Left Out: 1916.823+/-0.666 χ^2/NDF :13719.3/5

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

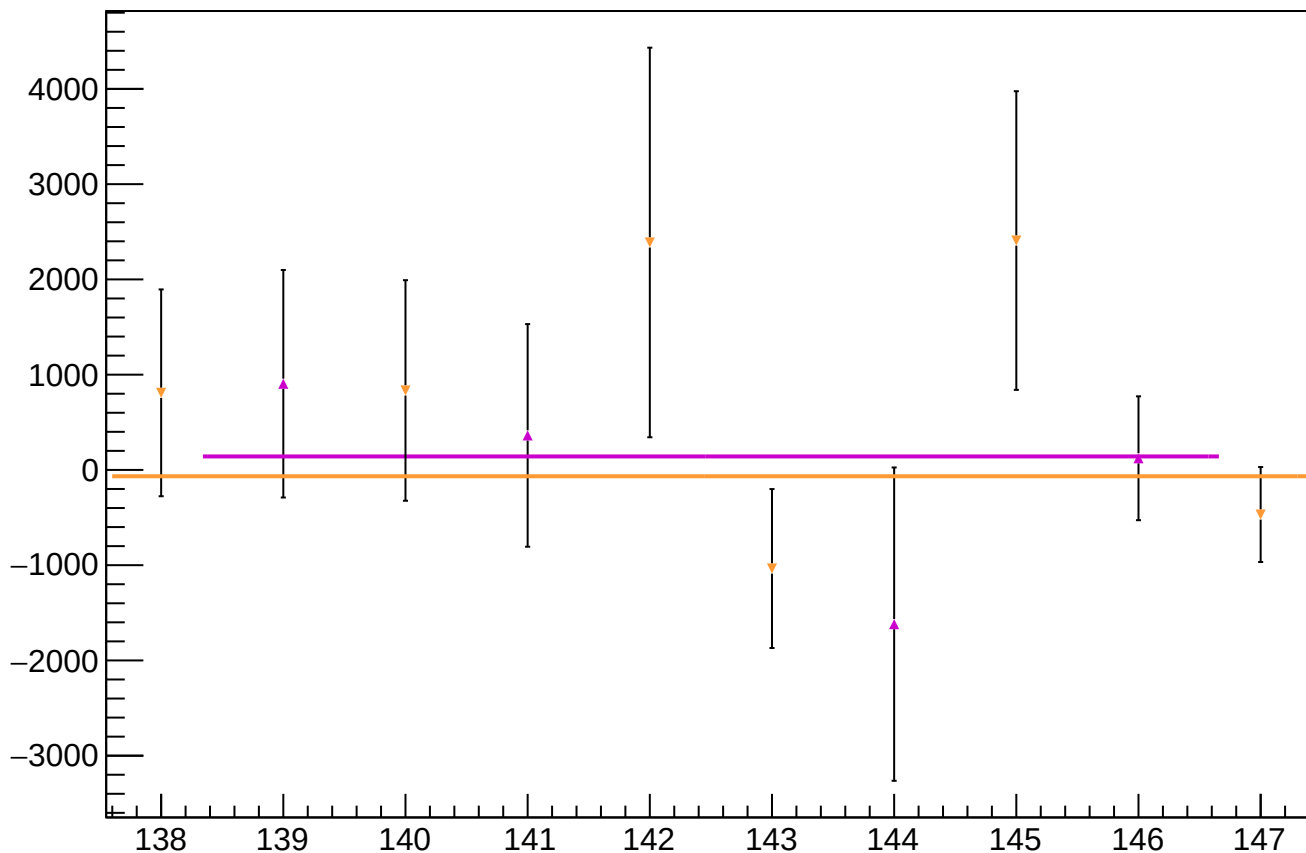
Left In: 1883.922+/-0.734 χ^2/NDF :1645.3/3

+ sign 1967.734+/-0.432 χ^2/NDF : 939789.7/22

All: 1973.369+/-0.309 χ^2/NDF : 1579256.5/45

- sign 1979.275+/-0.442 χ^2/NDF : 639117.9/22

asym_at1_avg_correction_mean vs Slug



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

Left Out: -66.544+/-360.337 χ^2/NDF : 7.2/5

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

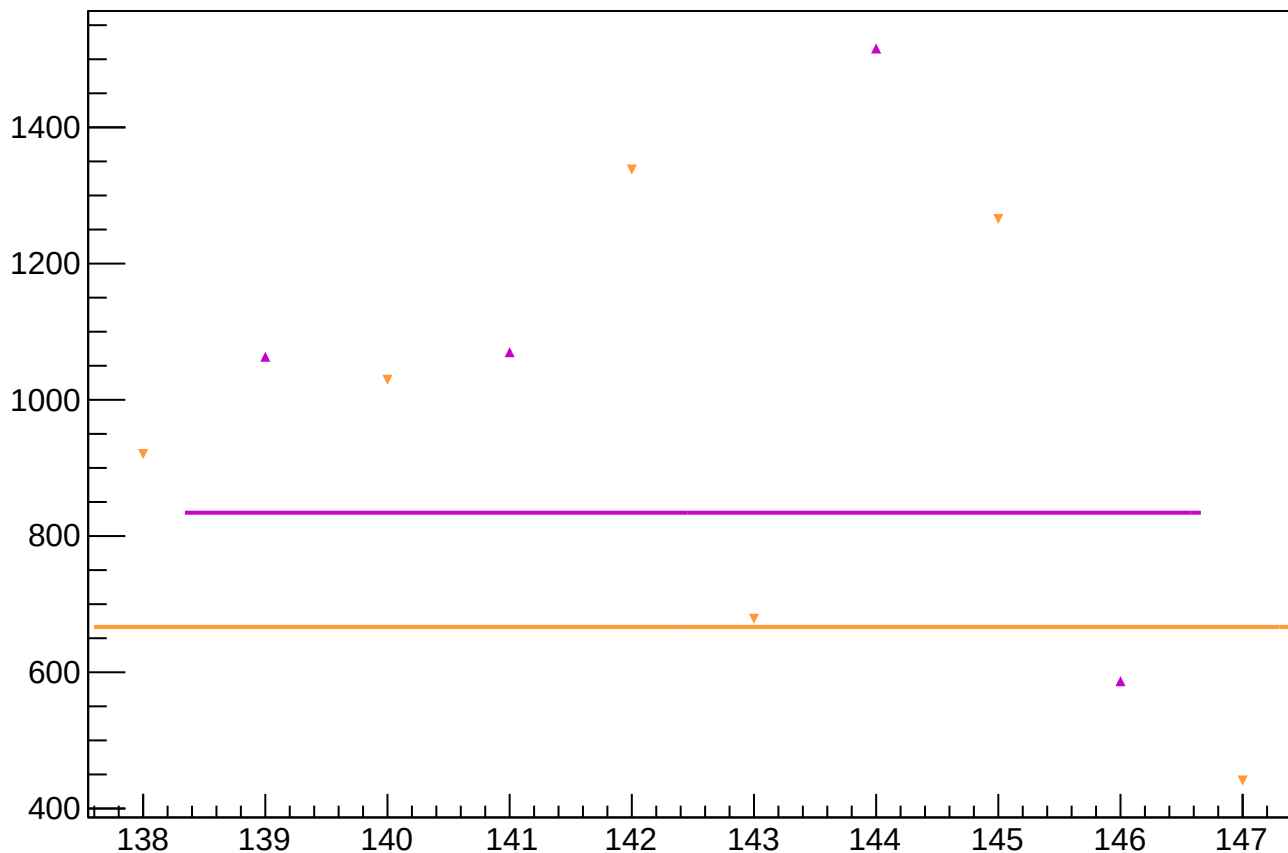
Left In: 141.621+/-489.779 χ^2/NDF : 1.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.561+/-290.248 χ^2/NDF : 8.9/9

- 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: 666.556+/-0.255 χ^2/NDF :1222976.4/5

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

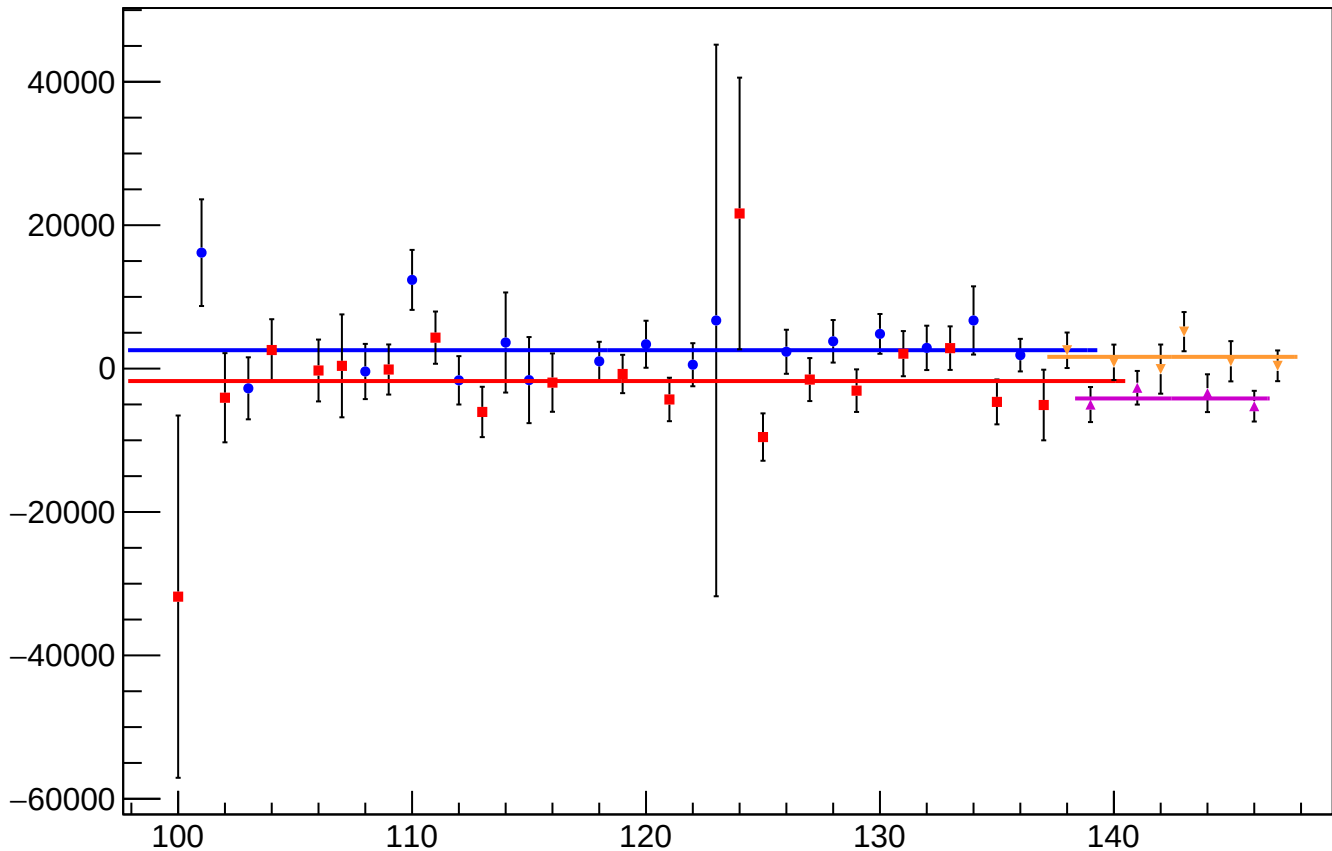
Left In: 834.304+/-0.346 χ^2/NDF :787789.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 725.466+/-0.205 χ^2/NDF : 2162983.9/9

- 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: 1637.934 ± 1059.353 χ^2/NDF : 2.5/5

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

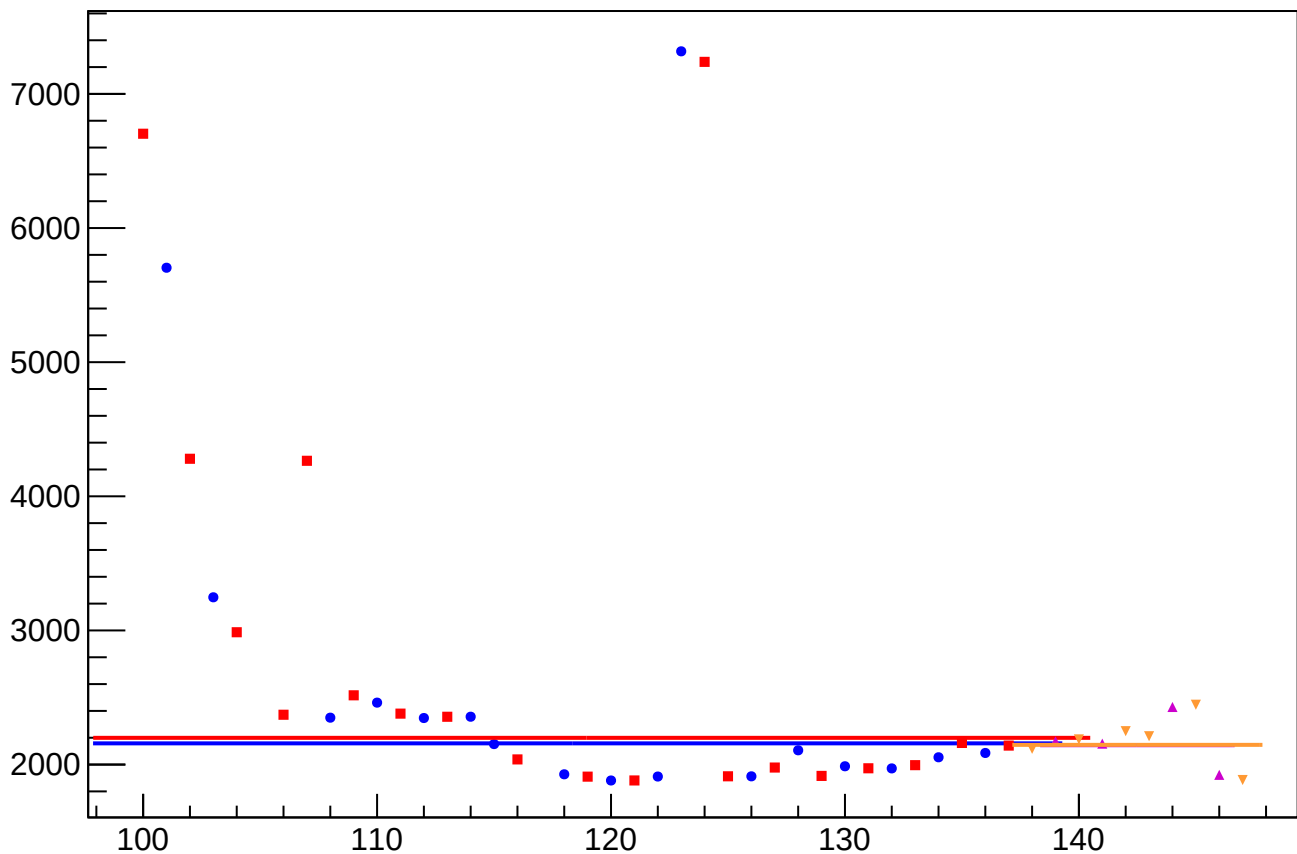
Left In: -4165.112 ± 1186.096 χ^2/NDF : 0.9/3

+ sign 2199.838 ± 665.846 χ^2/NDF : 18.6/22

All: -88.938 ± 480.007 χ^2/NDF : 67.3/45

- sign -2565.404 ± 692.610 χ^2/NDF : 24.1/22

asym_at1_avg_rms vs Slug



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

Left Out: 2146.973 $\pm$ 0.749 χ^2 /NDF: 56387.3/5

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

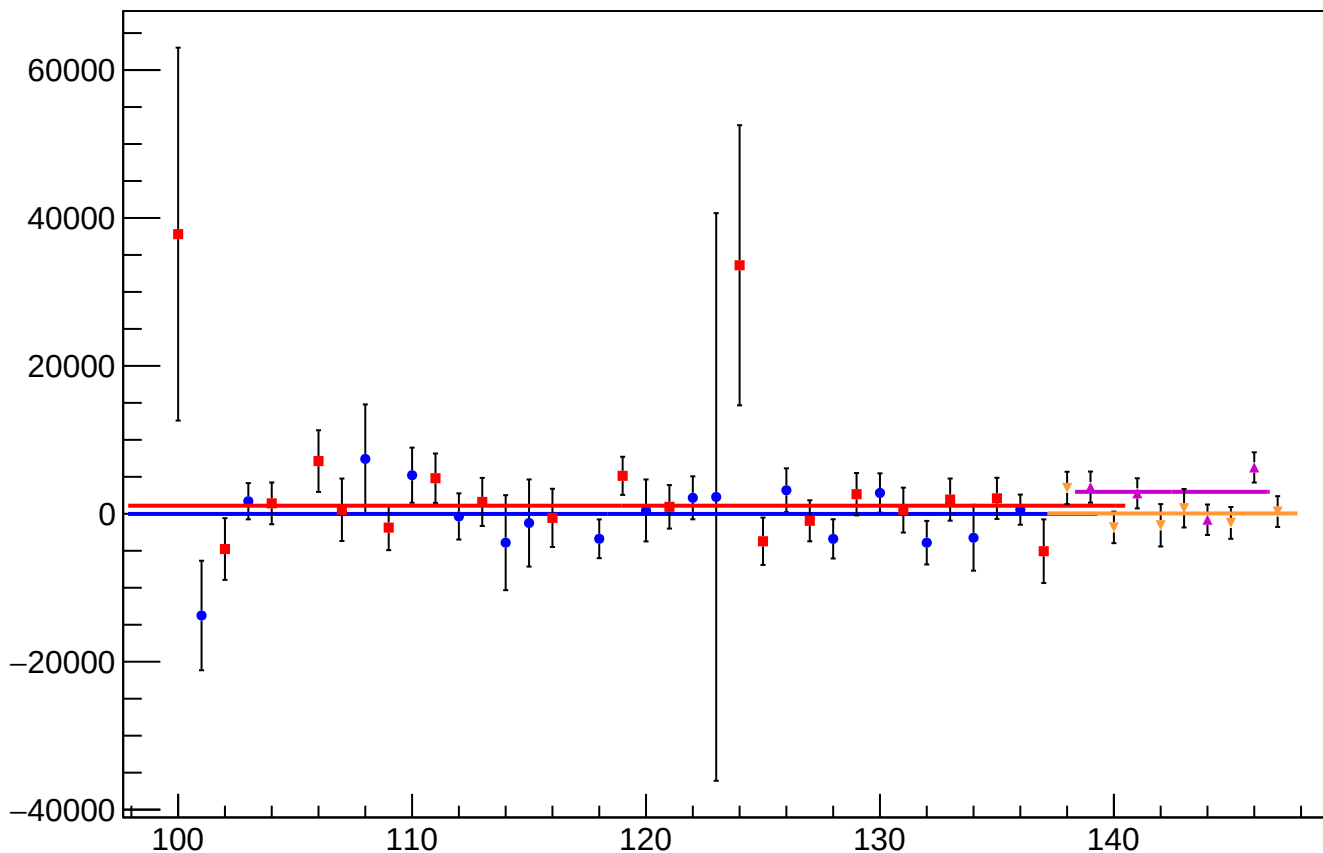
Left In: 2144.158 $\pm$ 0.839 χ^2 /NDF: 44979.2/3

+ sign 2153.734 $\pm$ 0.471 χ^2 /NDF: 770384.1/22

All: 2166.602 $\pm$ 0.339 χ^2 /NDF: 1622793.8/45

- sign 2180.526 $\pm$ 0.490 χ^2 /NDF: 850854.4/22

dit_asym_at1_dd_mean vs Slug



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

Left Out: 45.731 ± 934.580 χ^2/NDF : 4.0/5

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

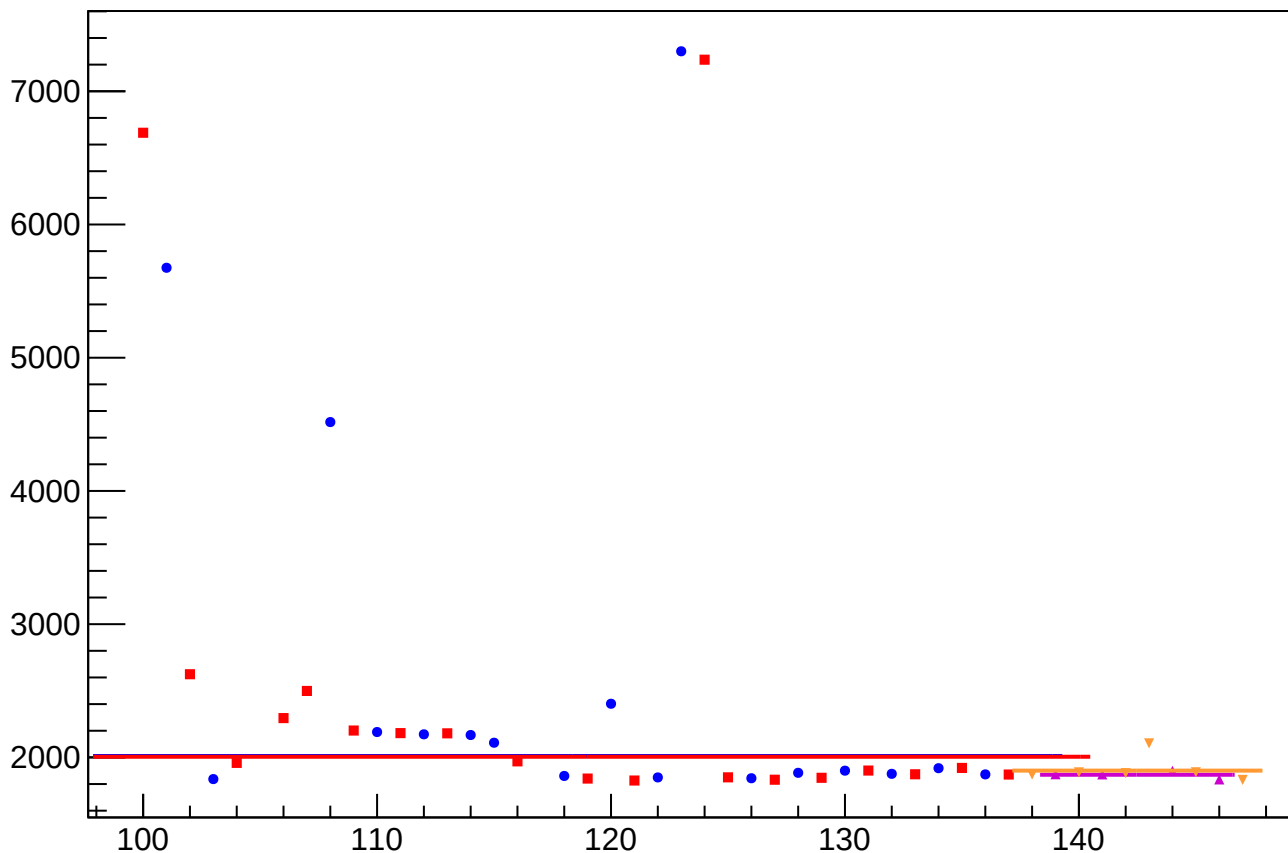
Left In: 2968.696 ± 1030.300 χ^2/NDF : 6.1/3

+ sign 8.846 ± 608.364 χ^2/NDF : 19.9/22

All: 875.776 ± 433.074 χ^2/NDF : 51.6/45

- sign 1766.451 ± 616.639 χ^2/NDF : 27.6/22

dit_asym_at1_dd_rms vs Slug



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

Left Out: 1900.743 $\pm$ 0.661 χ^2 /NDF:15183.8/5

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

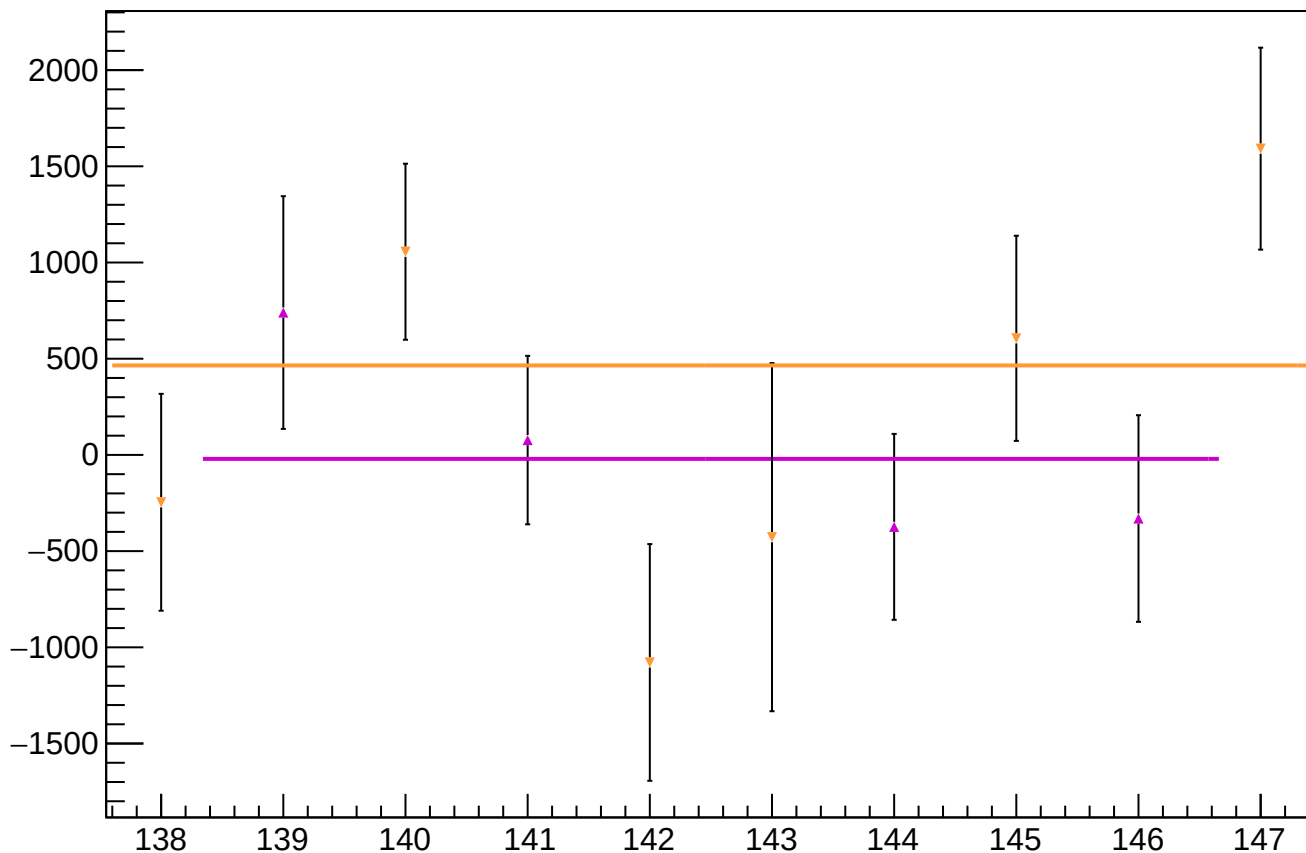
Left In: 1869.815 $\pm$ 0.729 χ^2 /NDF:1005.5/3

+ sign 1963.861 $\pm$ 0.430 χ^2 /NDF: 870760.5/22

All: 1960.230 $\pm$ 0.306 χ^2 /NDF: 1261483.0/45

- sign 1956.500 $\pm$ 0.436 χ^2 /NDF: 390578.1/22

asym_at1_dd_correction_mean vs Slug



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

Left Out: 465.144+/-229.769 χ^2/NDF : 15.2/5

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

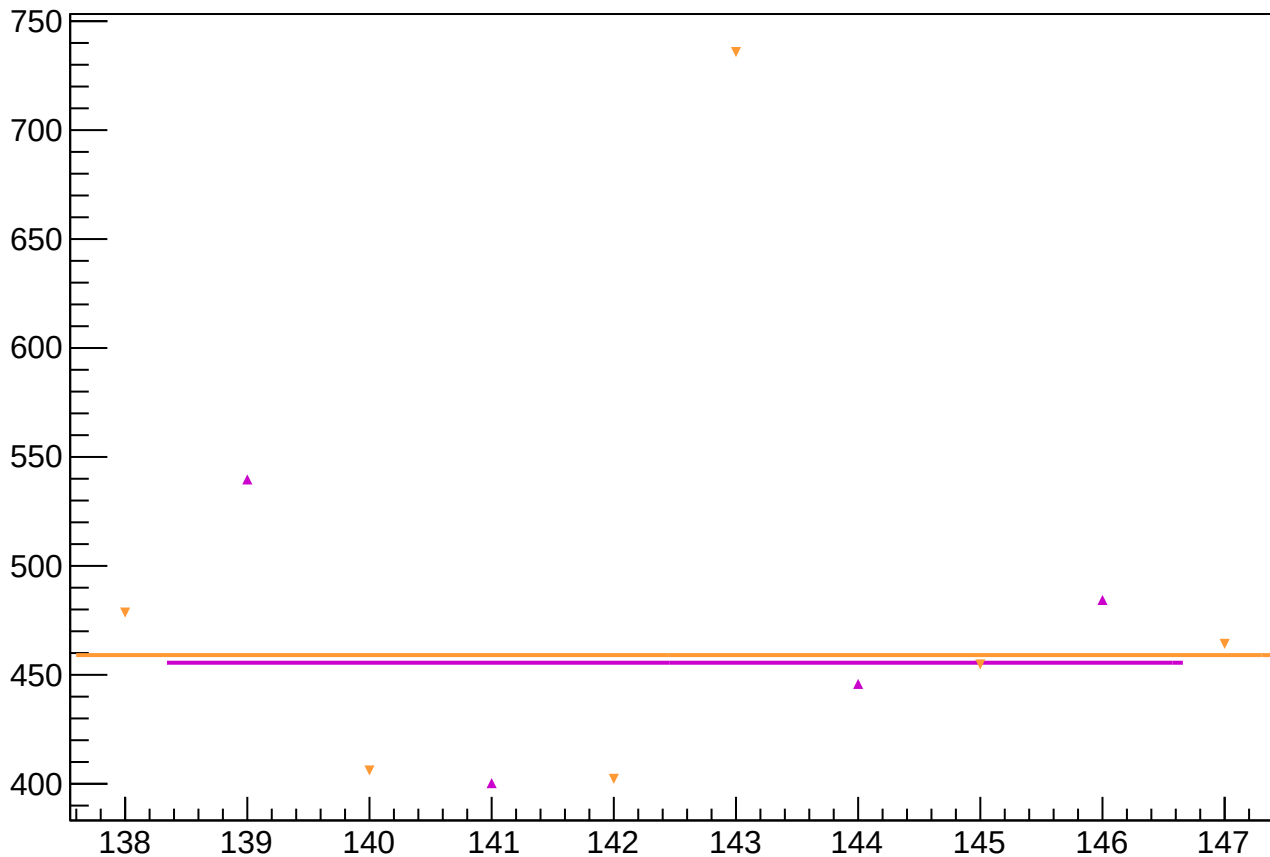
Left In: -20.568+/-252.334 χ^2/NDF : 2.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.973+/-169.890 χ^2/NDF : 19.7/9

- 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: 459.070+/-0.162 χ^2/NDF : 233743.9/5

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

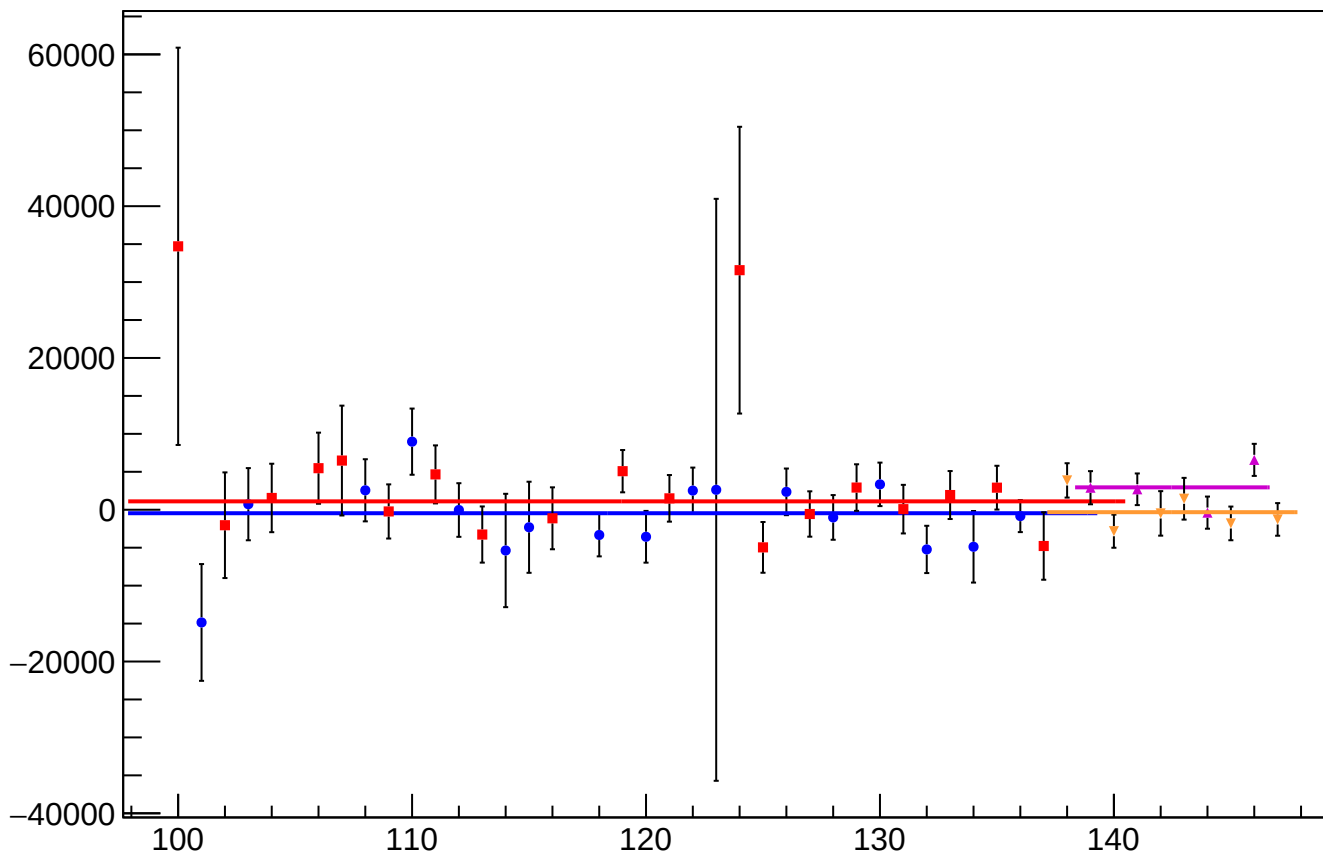
Left In: 455.563+/-0.178 χ^2/NDF : 77137.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.480+/-0.120 χ^2/NDF : 311092.2/9

- 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: -321.800+/-965.255 χ^2/NDF : 5.8/5

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

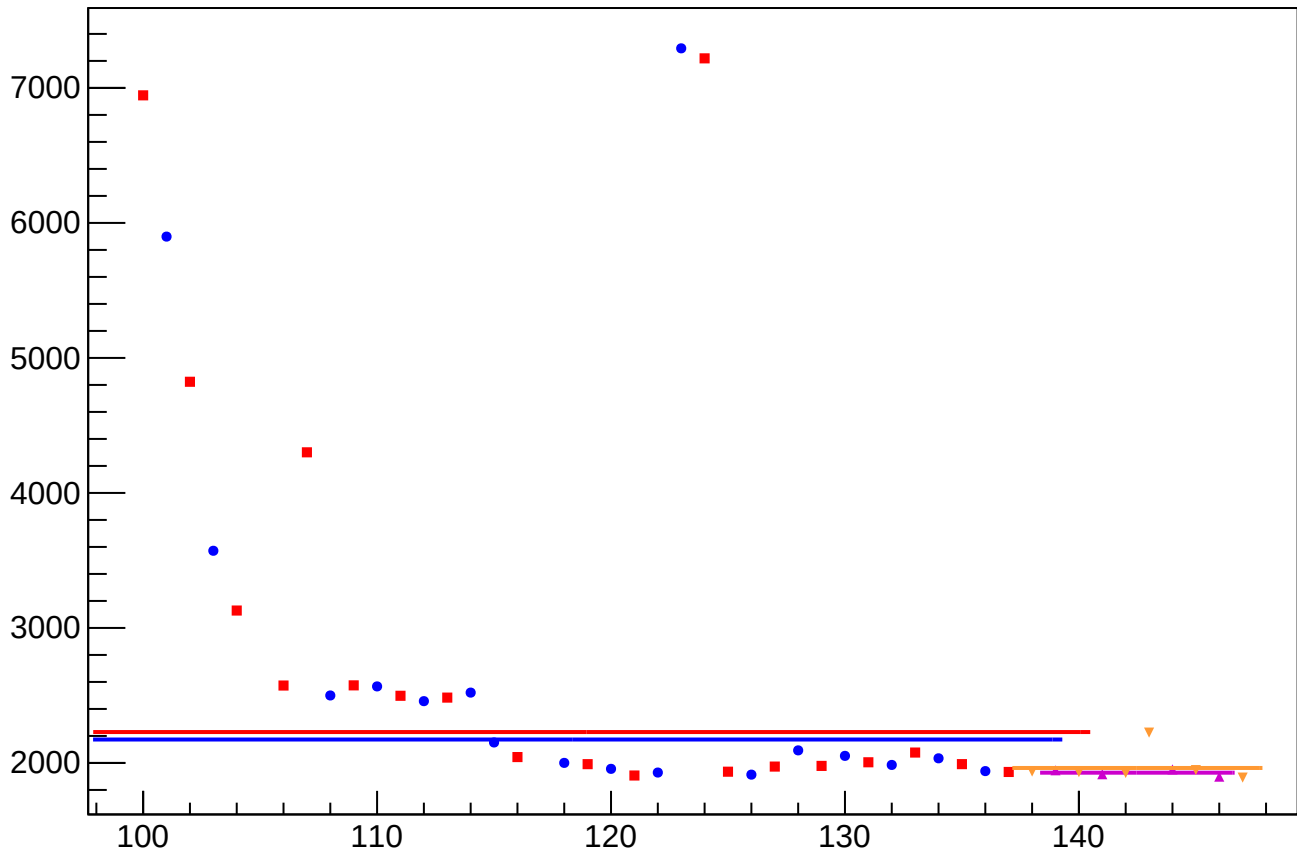
Left In: 2949.469+/-1062.132 χ^2/NDF : 5.4/3

+ sign -397.499+/-644.248 χ^2/NDF : 23.9/22

All: 675.666+/-464.961 χ^2/NDF : 53.8/45

- sign 1842.306+/-671.720 χ^2/NDF : 24.1/22

asym_at1_dd_rms vs Slug



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

Left Out: 1962.738+/-0.683 χ^2/NDF :21452.4/5

Right Out: 2228.892+/-0.613 χ^2/NDF : 895863.4/18

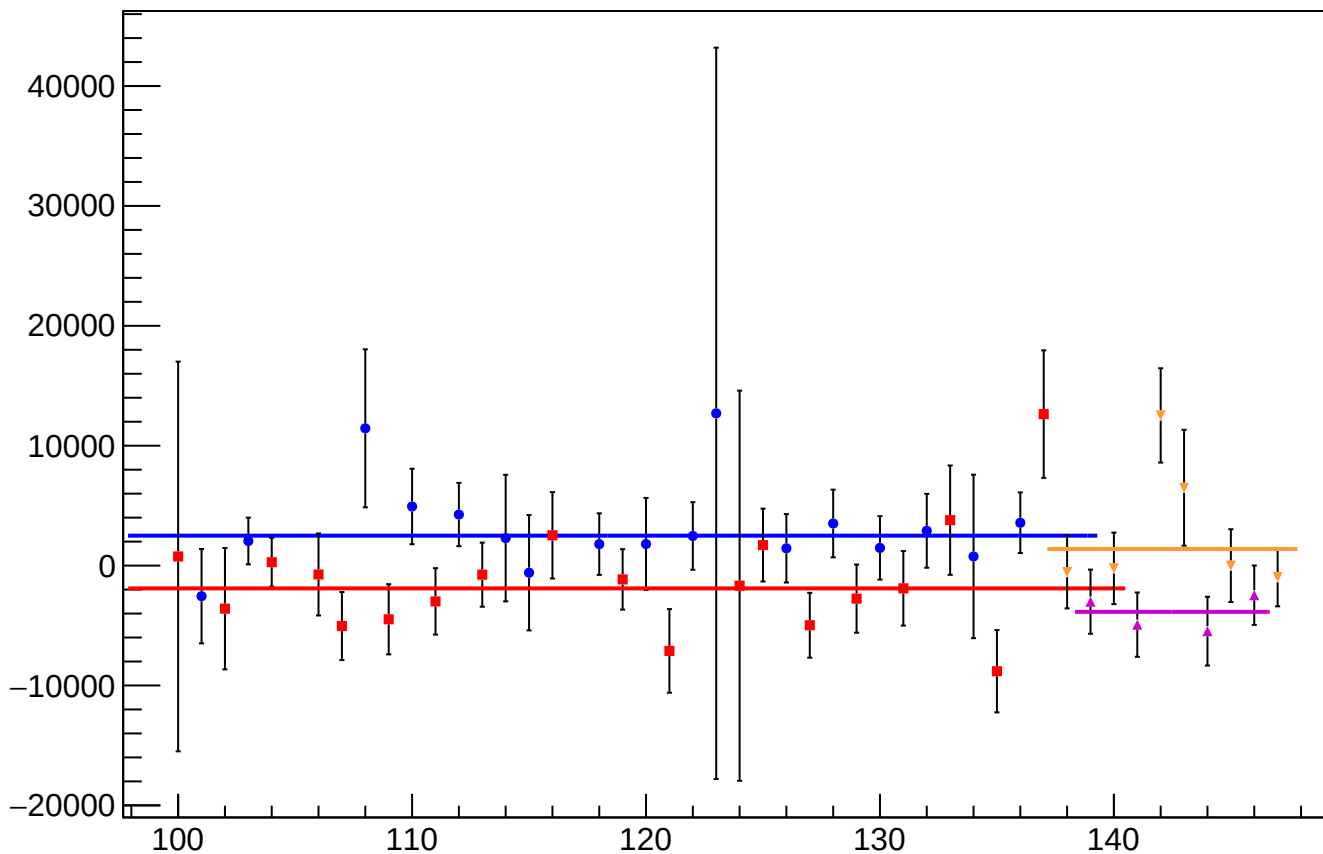
Left In: 1927.819+/-0.751 χ^2/NDF :844.5/3

+ sign 2079.627+/-0.456 χ^2/NDF : 879702.7/22

All: 2093.449+/-0.329 χ^2/NDF : 1874758.8/45

- sign 2108.475+/-0.475 χ^2/NDF : 993134.7/22

dit_asym_at2_avg_mean vs Slug



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

Left Out: 1382.541 ± 1283.764 χ^2/NDF : 11.0/5

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

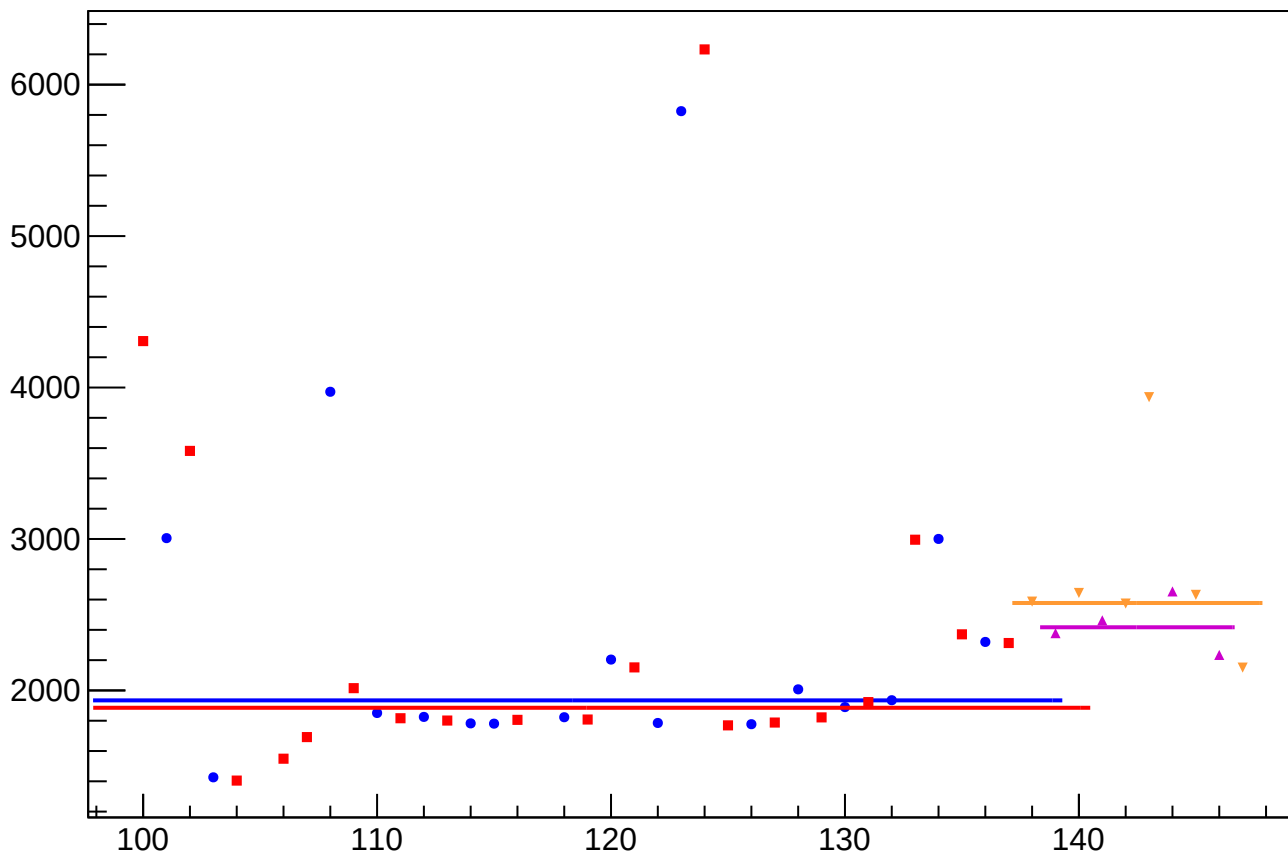
Left In: -3857.874 ± 1332.588 χ^2/NDF : 0.9/3

+ sign 2202.815 ± 659.252 χ^2/NDF : 17.4/22

All: -129.503 ± 460.966 χ^2/NDF : 67.9/45

- sign -2360.669 ± 644.798 χ^2/NDF : 26.0/22

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2577.403 $\pm$ 0.908 χ^2/NDF : 221620.3/5

Right Out: 1885.547 $\pm$ 0.521 χ^2/NDF : 752091.8/18

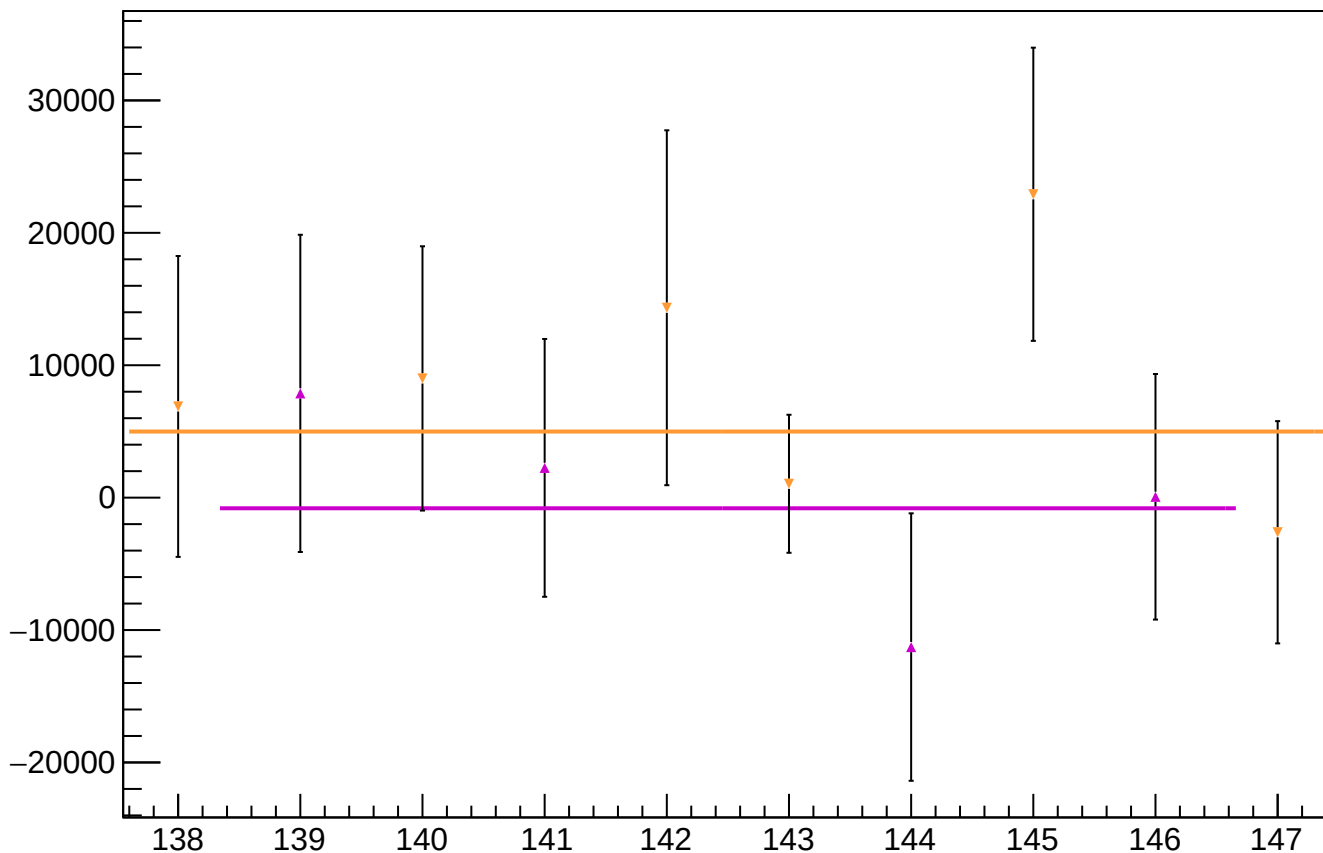
Left In: 2417.053 $\pm$ 0.942 χ^2/NDF : 25504.7/3

+ sign 2103.971 $\pm$ 0.466 χ^2/NDF : 1229966.5/22

All: 2055.913 $\pm$ 0.326 χ^2/NDF : 2272051.2/45

- sign 2009.953 $\pm$ 0.456 χ^2/NDF : 1021292.3/22

asym_at2_avg_correction_mean vs Slug



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

Left Out: 4992.545+/-3481.225 χ^2/NDF : 4.7/5

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

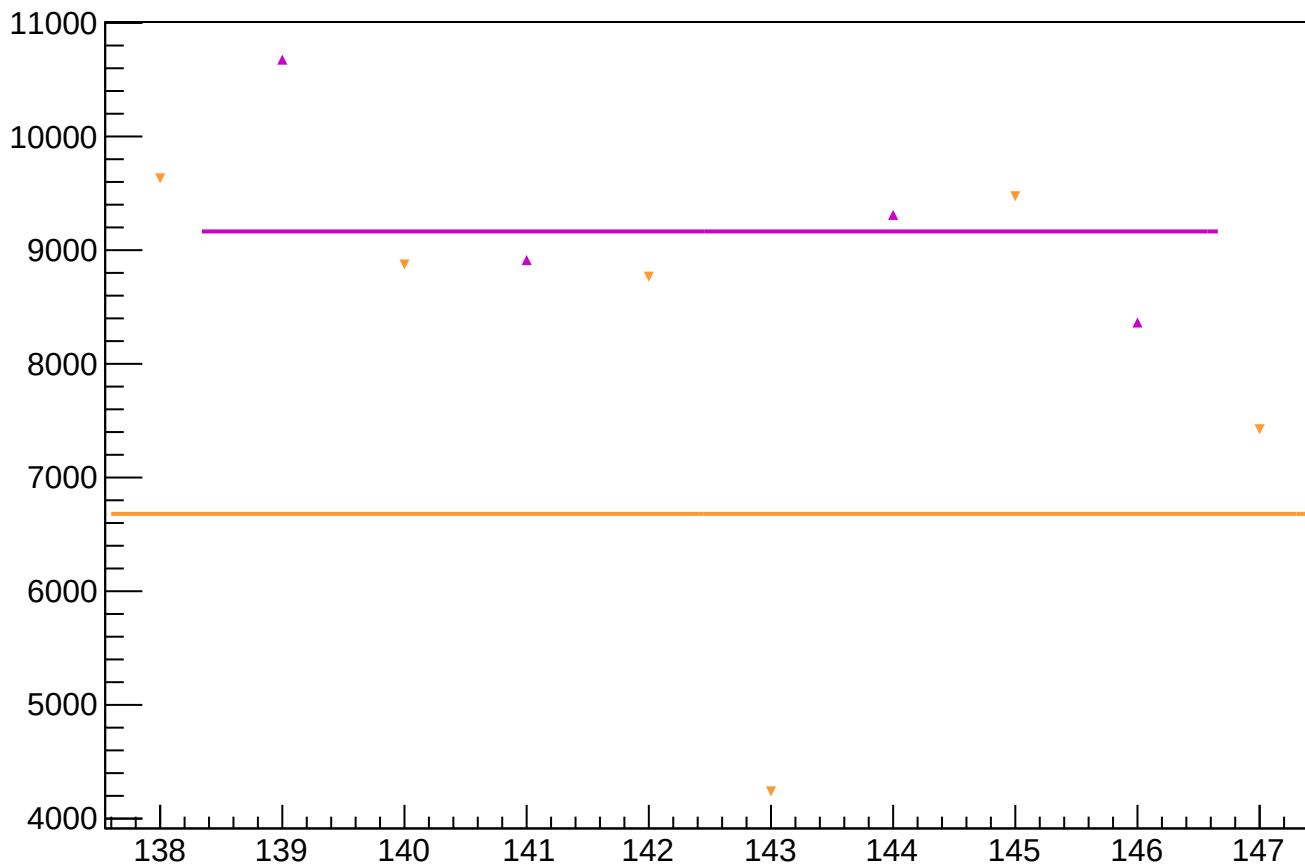
Left In: -803.347+/-5067.031 χ^2/NDF : 1.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3134.036+/-2869.299 χ^2/NDF : 7.3/9

- 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: 6680.469+/-2.462 χ^2/NDF : 861720.4/5

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

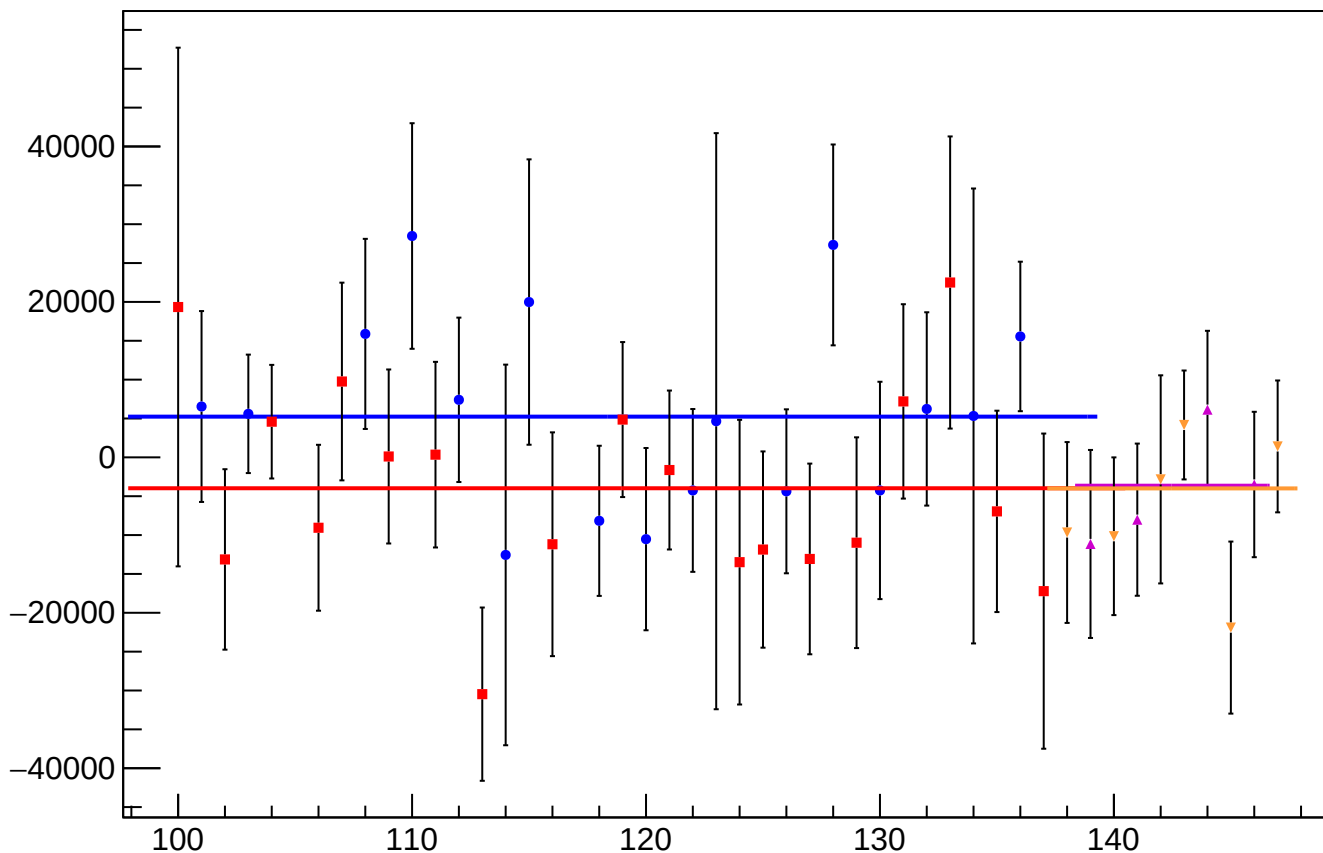
Left In: 9164.593+/-3.583 χ^2/NDF : 48493.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7477.028+/-2.029 χ^2/NDF : 1236769.6/9

- 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: -3995.708+/-3919.050 χ^2/NDF : 5.0/5

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

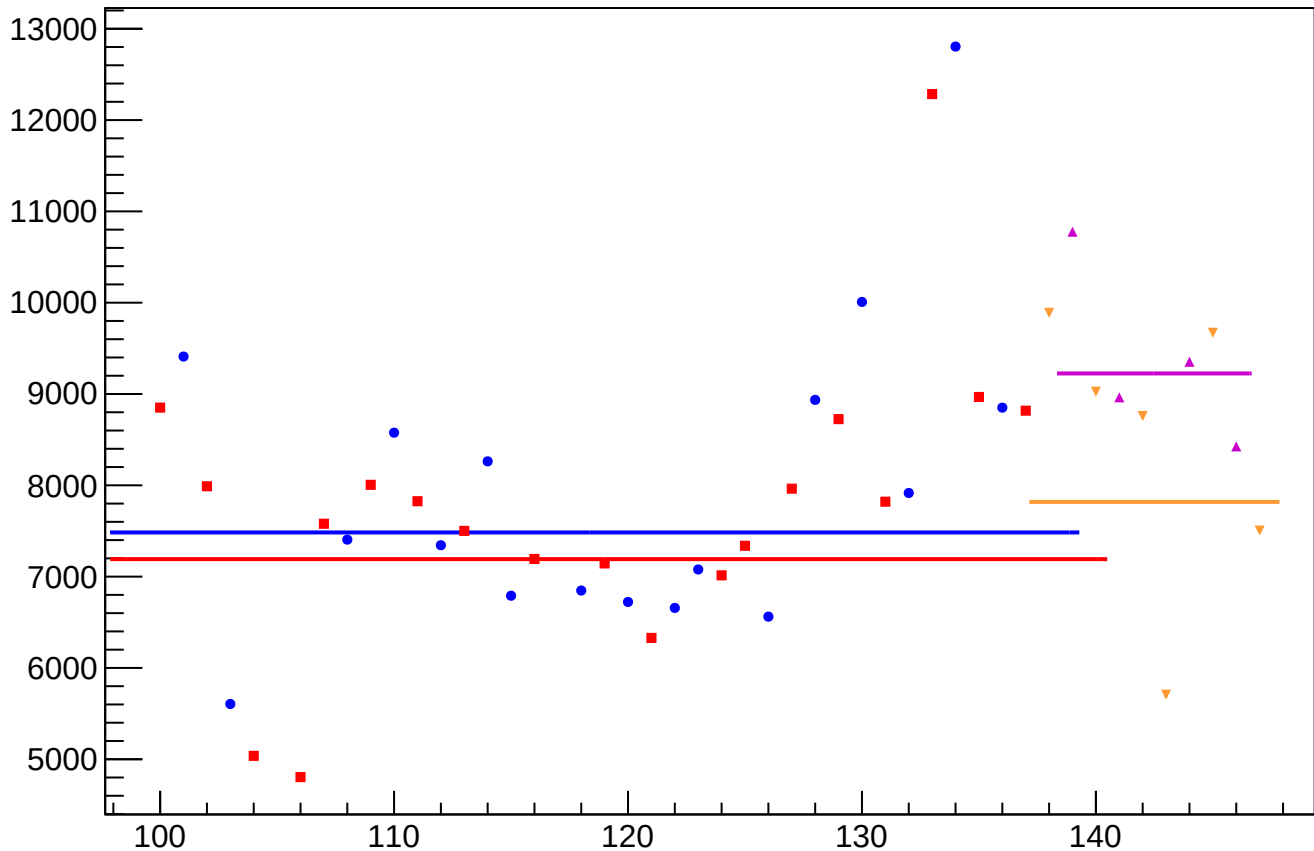
Left In: -3647.857+/-5102.399 χ^2/NDF : 1.5/3

+ sign 1904.269+/-2354.946 χ^2/NDF : 23.0/22

All: -885.427+/-1697.217 χ^2/NDF : 43.1/45

- sign -3900.500+/-2448.226 χ^2/NDF : 17.1/22

asym_at2_avg_rms vs Slug



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

Left Out: 7818.291+/-2.771 χ^2/NDF : 341838.6/5

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

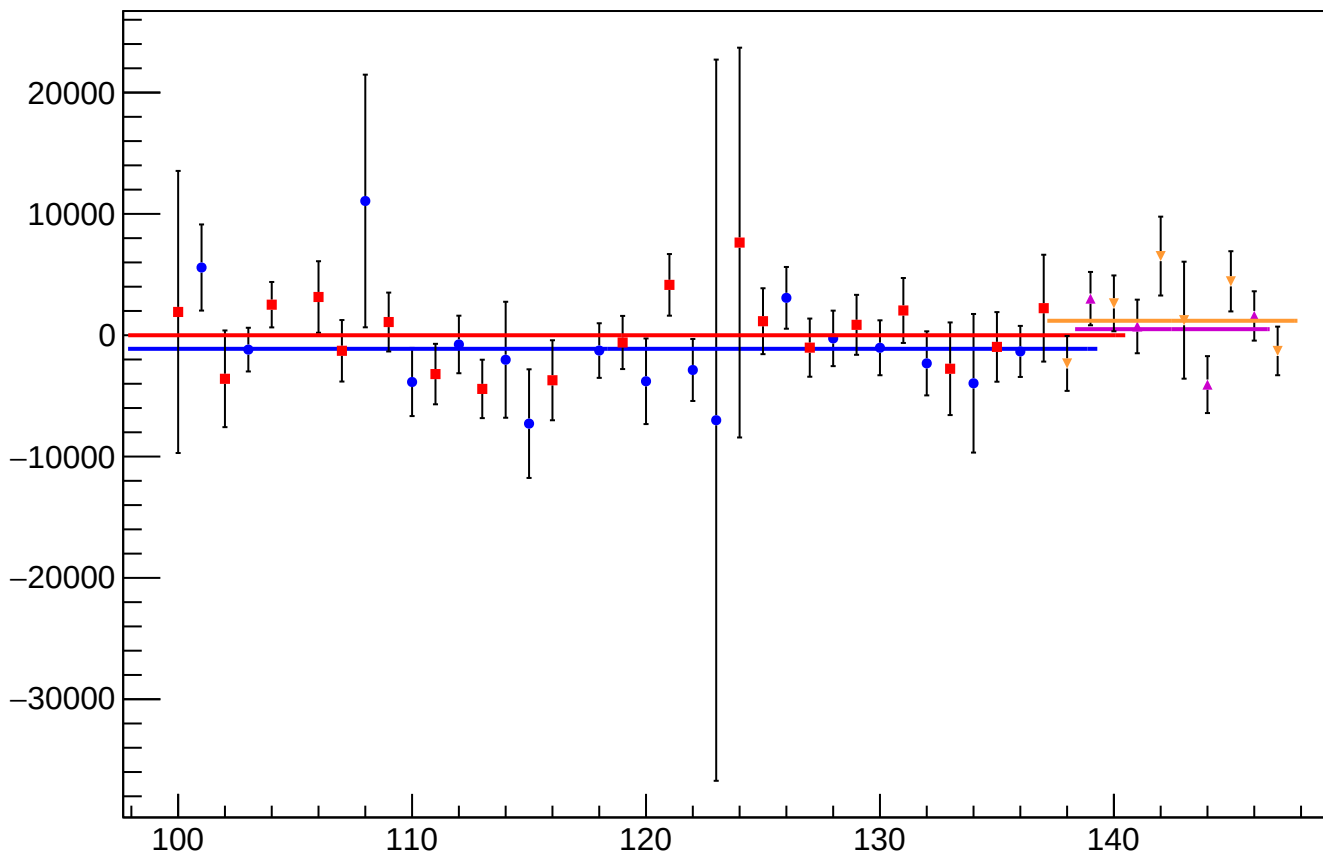
Left In: 9225.201+/-3.608 χ^2/NDF : 49268.1/3

+ sign 7604.564+/-1.665 χ^2/NDF : 782954.4/22

All: 7631.006+/-1.200 χ^2/NDF : 1636105.0/45

- sign 7659.580+/-1.731 χ^2/NDF : 852626.0/22

dit_asym_at2_dd_mean vs Slug



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

Left Out: 1191.363 ± 1034.923 χ^2/NDF : 8.8/5

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

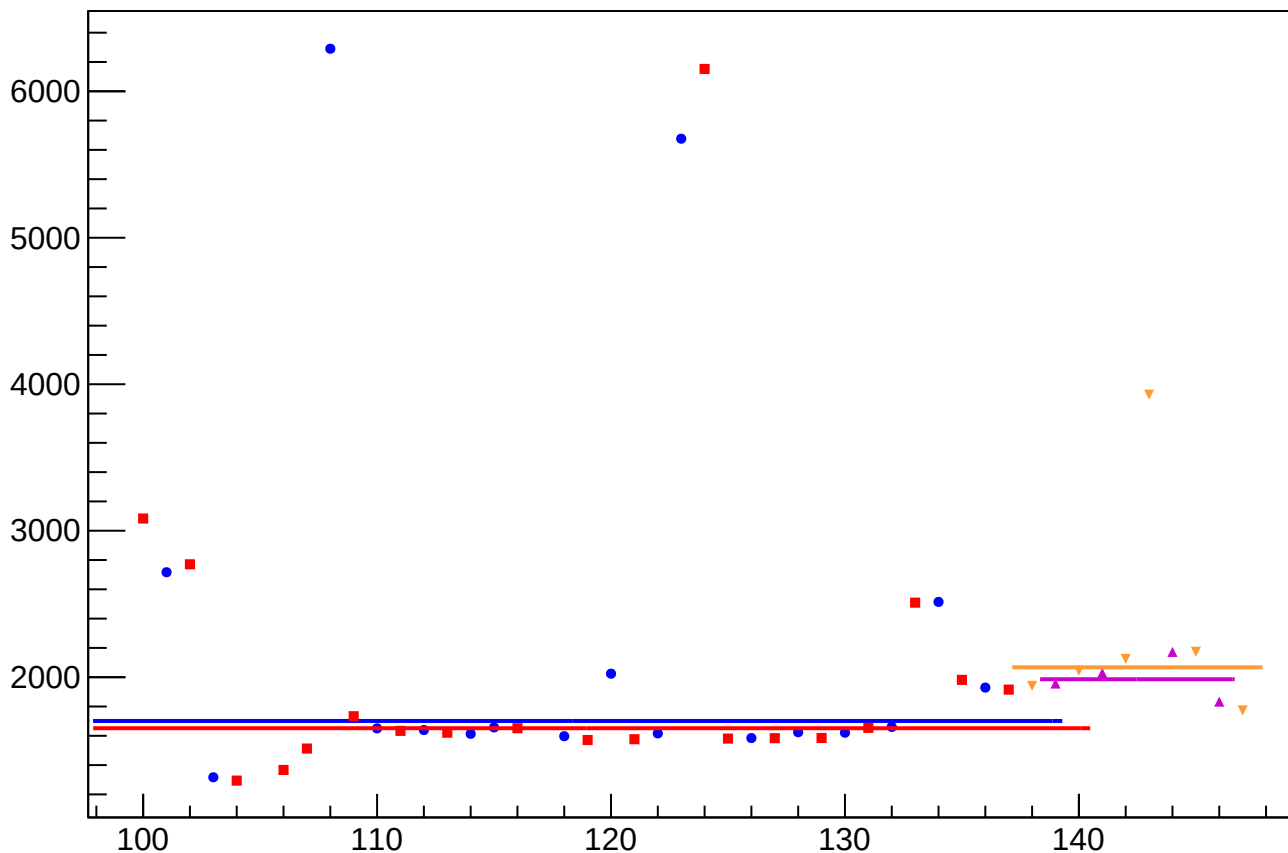
Left In: 499.552 ± 1094.006 χ^2/NDF : 5.4/3

+ sign -424.581 ± 567.813 χ^2/NDF : 24.5/22

All: -141.928 ± 395.872 χ^2/NDF : 46.0/45

- sign 125.402 ± 552.209 χ^2/NDF : 21.0/22

dit_asym_at2_dd_rms vs Slug



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

Left Out: 2067.592+/-0.732 χ^2/NDF : 352086.0/5

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

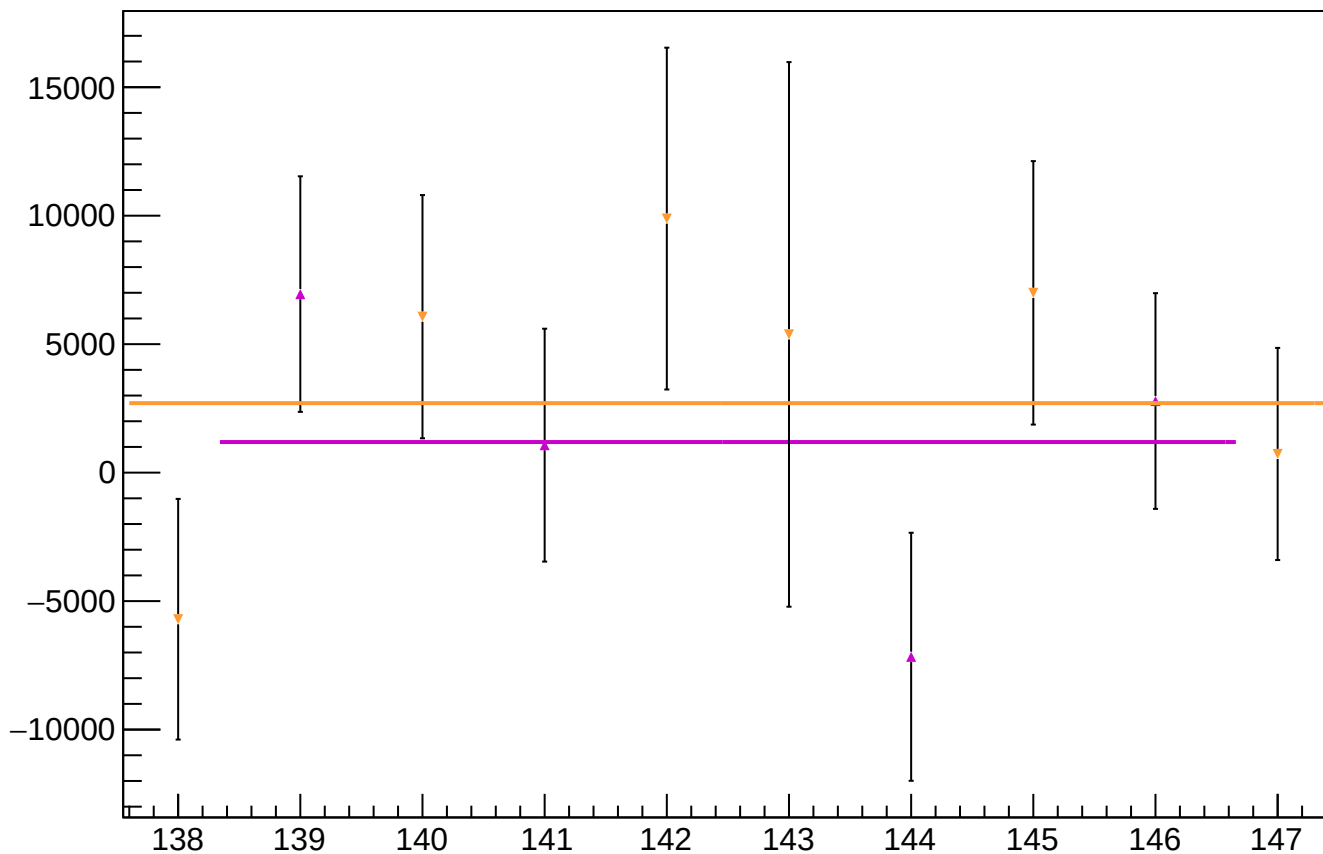
Left In: 1986.039+/-0.774 χ^2/NDF : 25087.3/3

+ sign 1811.549+/-0.402 χ^2/NDF : 1305940.7/22

All: 1773.189+/-0.280 χ^2/NDF : 2076806.2/45

- sign 1736.908+/-0.390 χ^2/NDF : 753104.3/22

asym_at2_dd_correction_mean vs Slug



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

Left Out: 2705.217+/-2139.545 χ^2/NDF :5.9/5

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

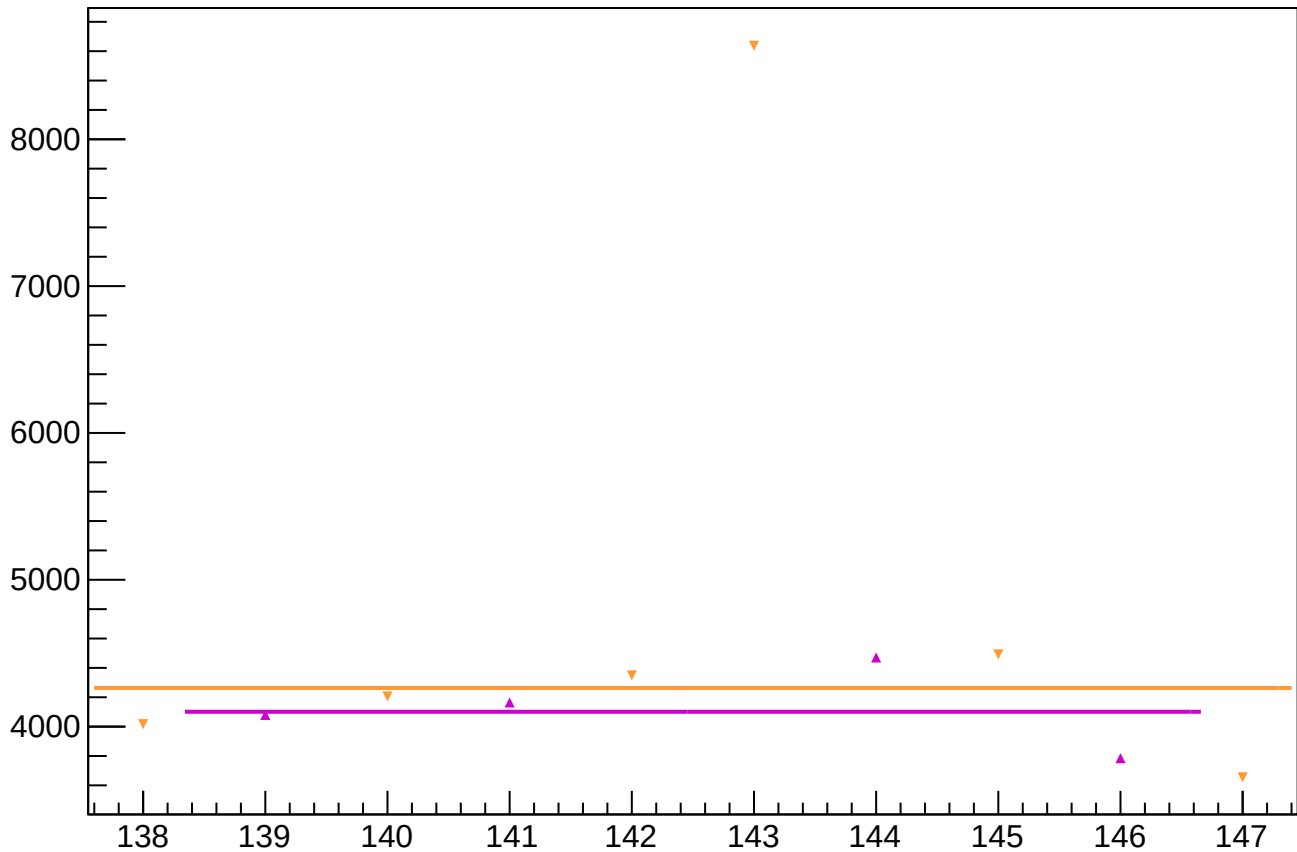
Left In: 1190.436+/-2258.980 χ^2/NDF :4.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1988.928+/-1553.394 χ^2/NDF : 10.8/9

- 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: 4263.367+/-1.513 χ^2/NDF : 394264.9/5

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

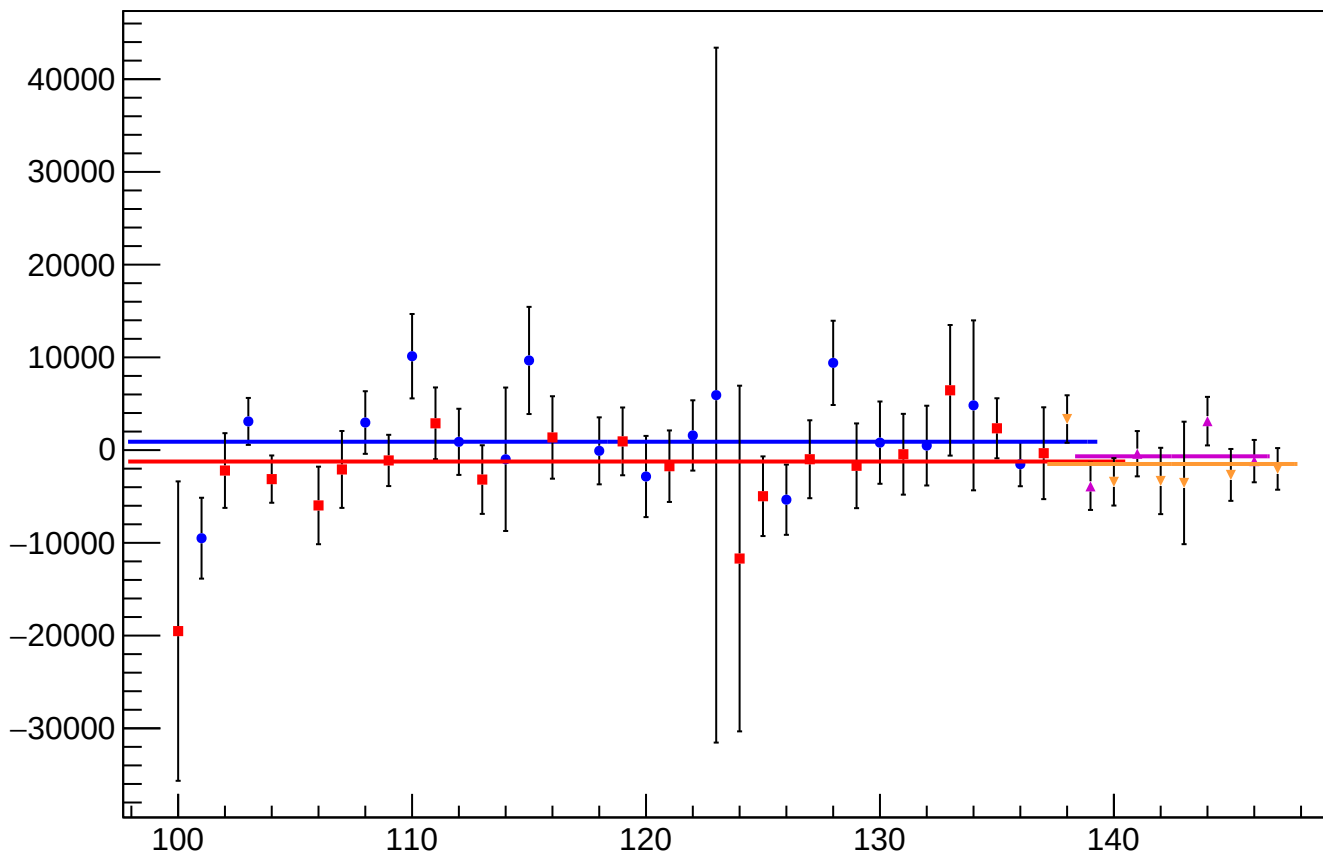
Left In: 4101.283+/-1.597 χ^2/NDF : 23507.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4186.723+/-1.098 χ^2/NDF : 423200.0/9

- 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: -1496.167 ± 1168.078 χ^2/NDF : 4.7/5

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

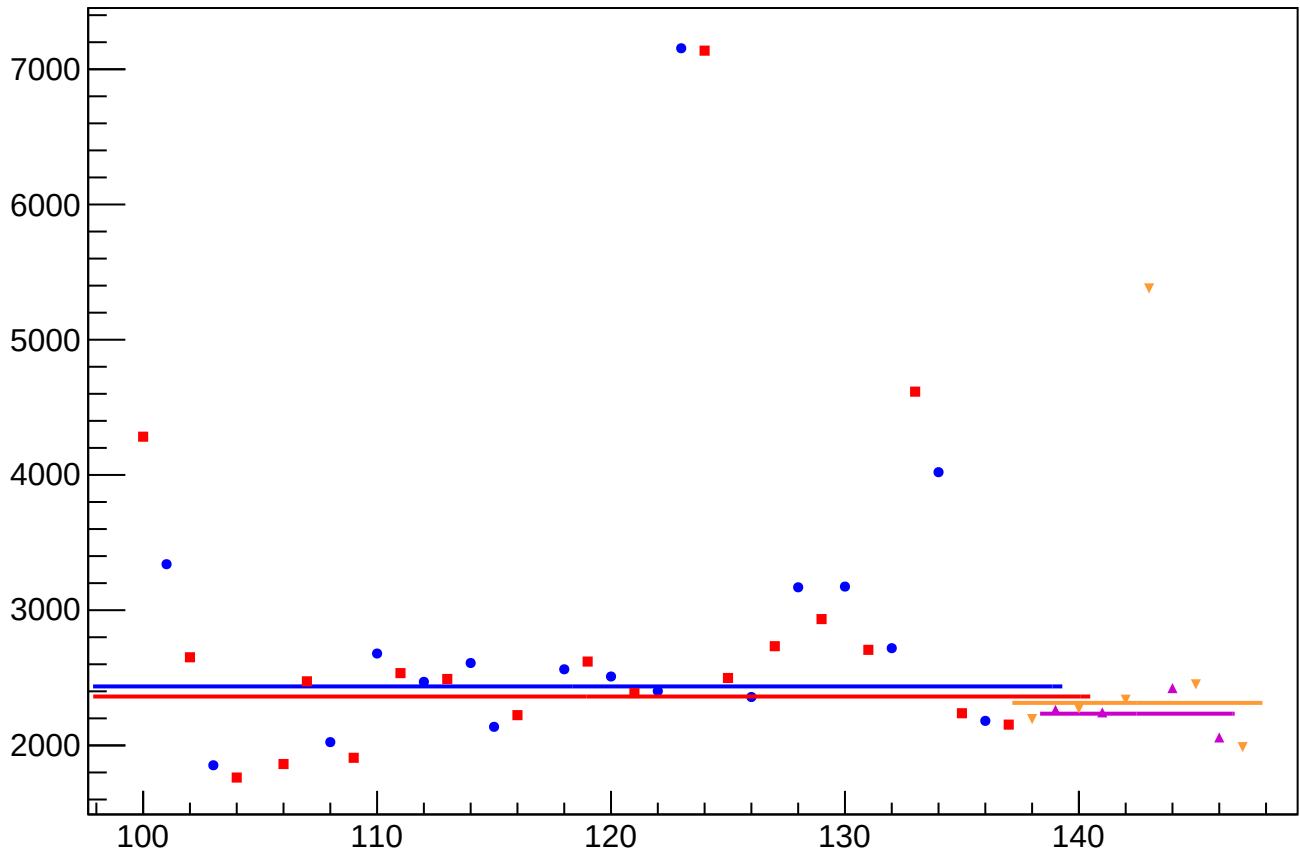
Left In: -668.181 ± 1230.837 χ^2/NDF : 3.8/3

+ sign -66.362 ± 742.542 χ^2/NDF : 28.9/22

All: -549.101 ± 523.969 χ^2/NDF : 42.5/45

- sign -1027.860 ± 739.475 χ^2/NDF : 12.8/22

asym_at2_dd_rms vs Slug



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

Left Out: 2314.509+/-0.826 χ^2/NDF : 483158.8/5

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

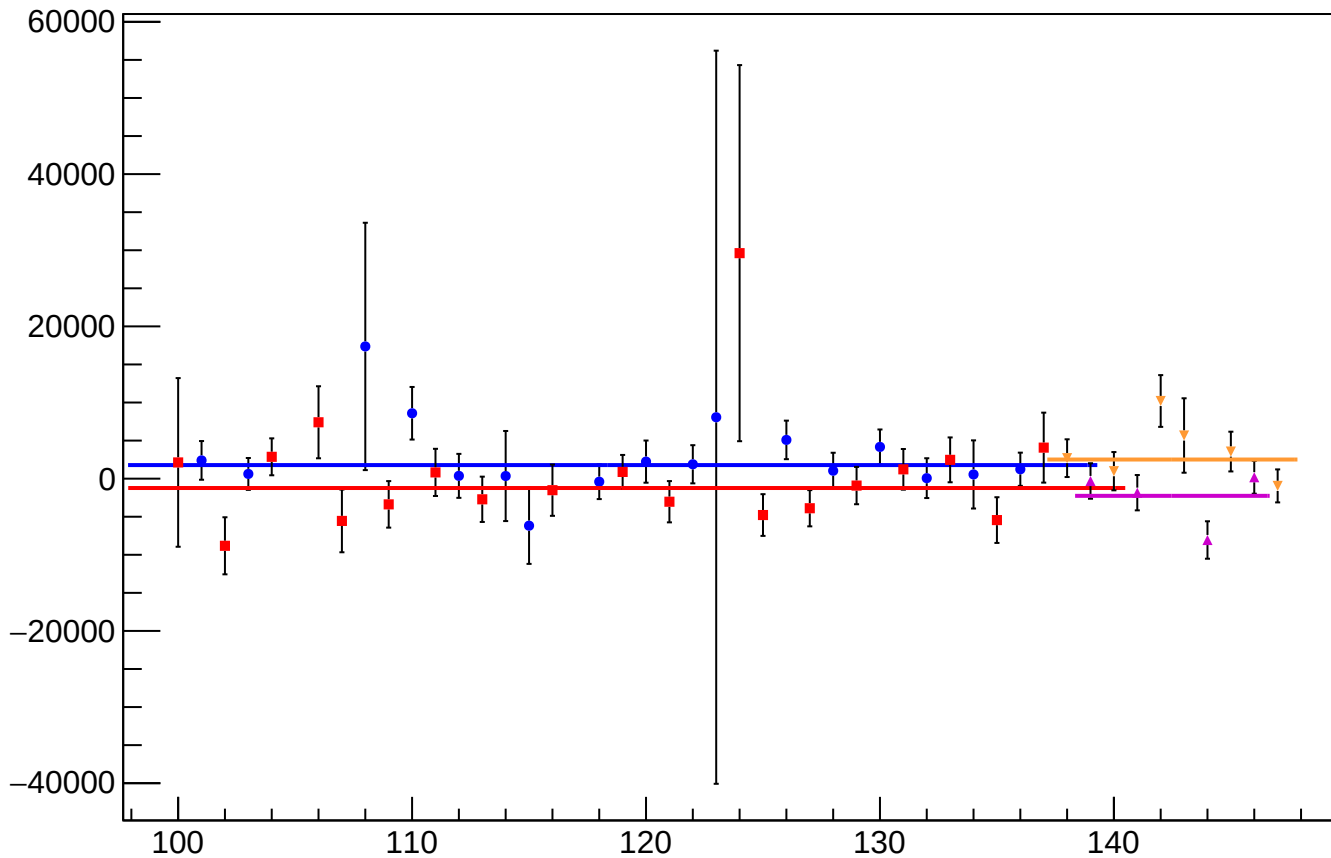
Left In: 2234.695+/-0.870 χ^2/NDF : 22579.8/3

+ sign 2387.057+/-0.525 χ^2/NDF : 964658.2/22

All: 2351.265+/-0.371 χ^2/NDF : 1665917.8/45

- sign 2315.767+/-0.523 χ^2/NDF : 692003.9/22

dit_asym_atl_avg_mean vs Slug



Right In: 1783.505 $\pm$ 694.403 χ^2 /NDF: 12.4/16

Left Out: 2512.706 $\pm$ 1111.590 χ^2 /NDF: 8.6/5

Right Out: -1229.293 $\pm$ 708.144 χ^2 /NDF: 24.2/18

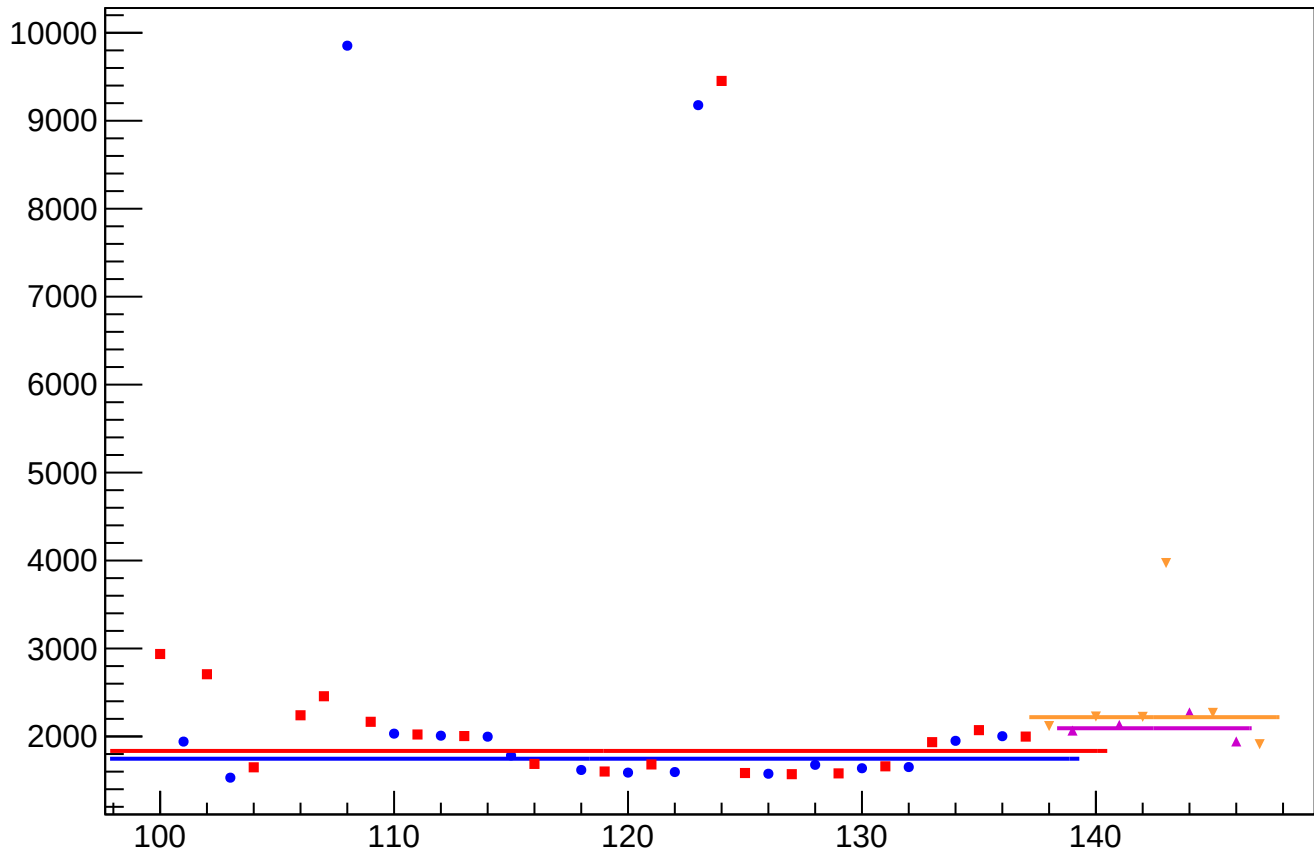
Left In: -2256.834 $\pm$ 1155.232 χ^2 /NDF: 7.6/3

+ sign 1988.192 $\pm$ 588.934 χ^2 /NDF: 21.3/22

All: 282.550 $\pm$ 421.577 χ^2 /NDF: 70.9/45

- sign -1509.942 $\pm$ 603.742 χ^2 /NDF: 32.4/22

dit_asym_atl_avg_rms vs Slug



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

Left Out: 2219.256+/-0.786 χ^2/NDF : 301227.8/5

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

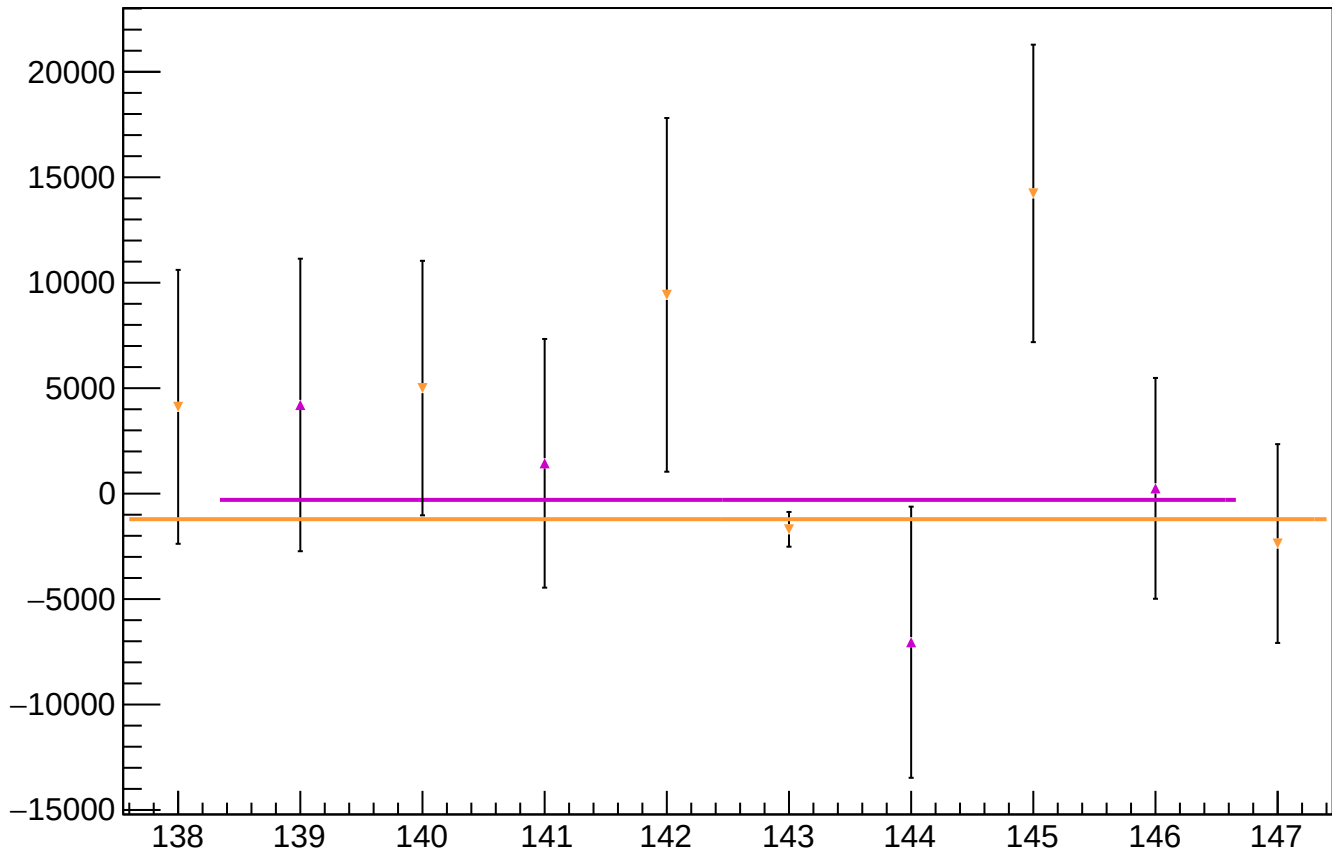
Left In: 2093.242+/-0.817 χ^2/NDF : 21139.2/3

+ sign 1879.445+/-0.416 χ^2/NDF : 1243552.3/22

All: 1892.263+/-0.298 χ^2/NDF : 1889495.5/45

- sign 1905.710+/-0.427 χ^2/NDF : 644001.8/22

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1212.118+/-790.023 χ^2/NDF : 8.5/5

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

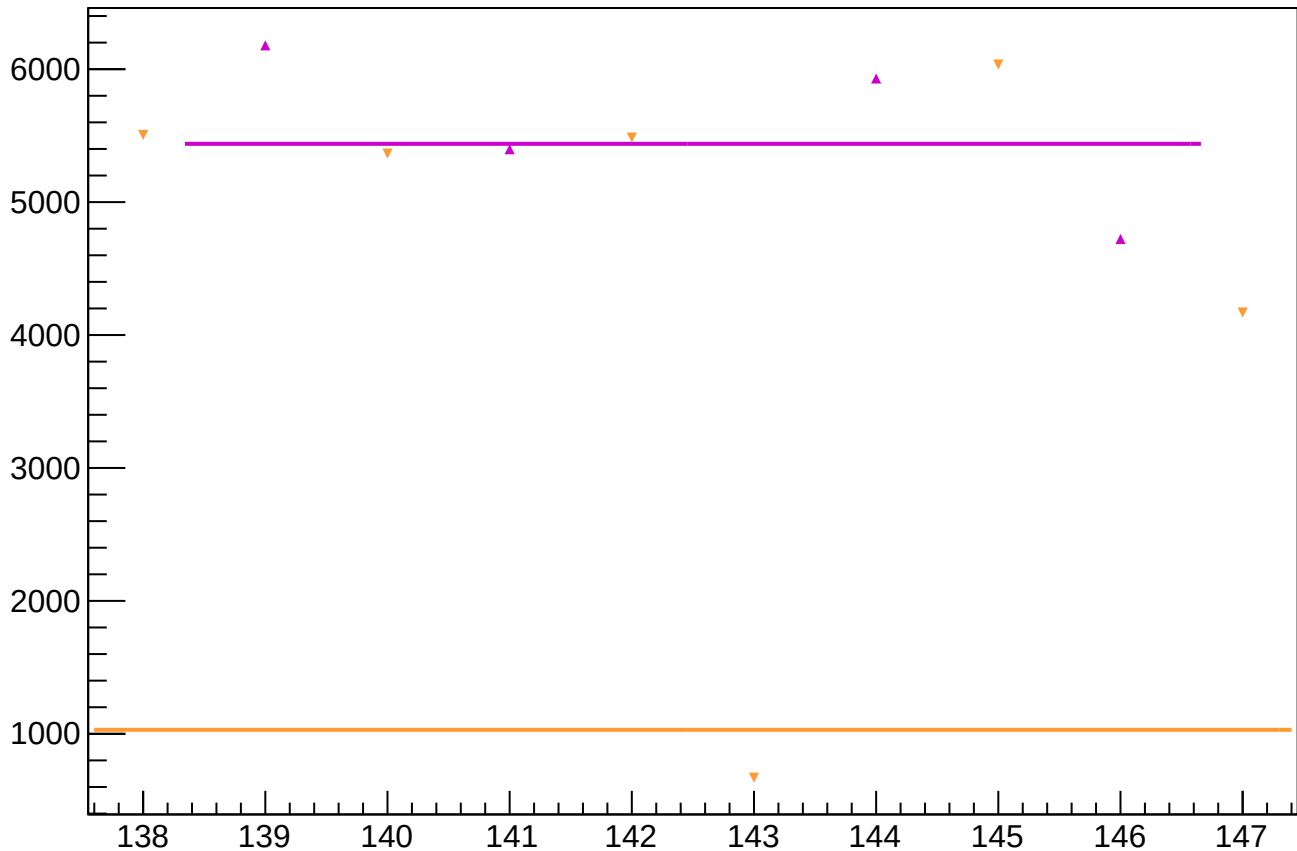
Left In: -295.854+/-3011.724 χ^2/NDF : 1.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1153.129+/-764.169 χ^2/NDF : 10.2/9

- 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: 1030.198+/-0.559 χ^2/NDF : 4823895.6/5

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

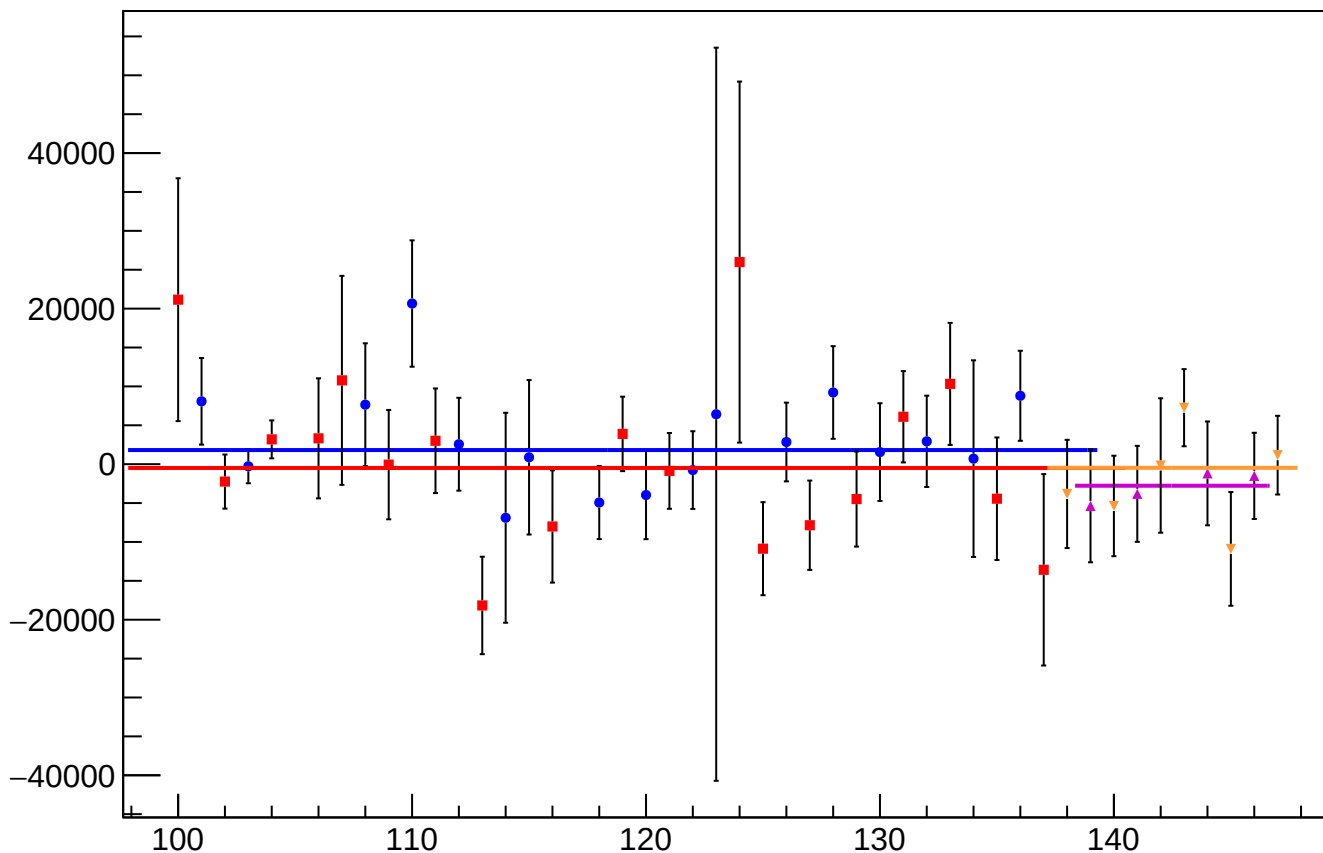
Left In: 5438.605+/-2.130 χ^2/NDF : 72044.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.010+/-0.540 χ^2/NDF : 8905186.0/9

- 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: -469.529+/-2528.579 χ^2/NDF : 5.4/5

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

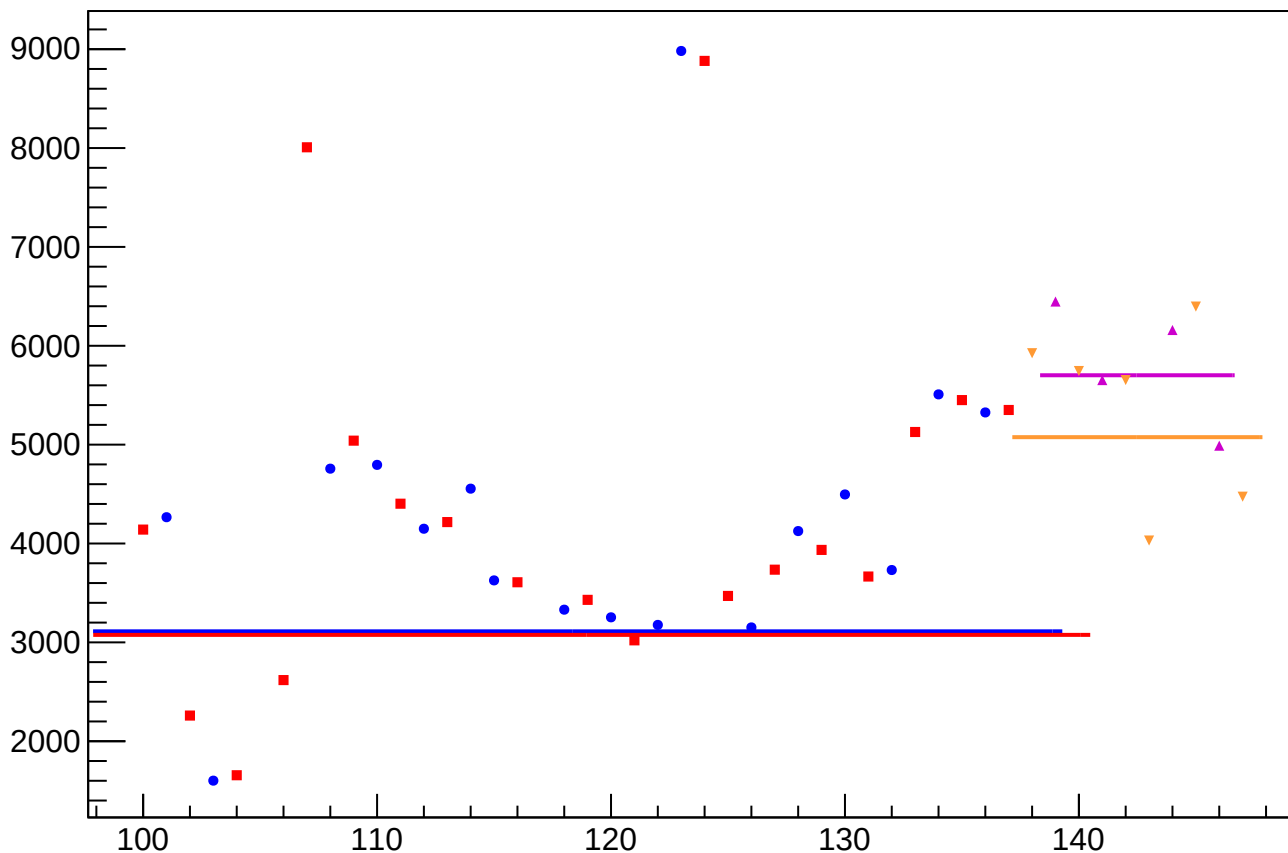
Left In: -2771.479+/-3158.281 χ^2/NDF : 0.3/3

+ sign 1336.049+/-1157.073 χ^2/NDF : 21.0/22

All: 292.619+/-829.945 χ^2/NDF : 49.9/45

- sign -813.094+/-1191.106 χ^2/NDF : 27.2/22

asym_atl_avg_rms vs Slug



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

Left Out: 5075.603 ± 1.788 χ^2/NDF : 242607.7/5

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

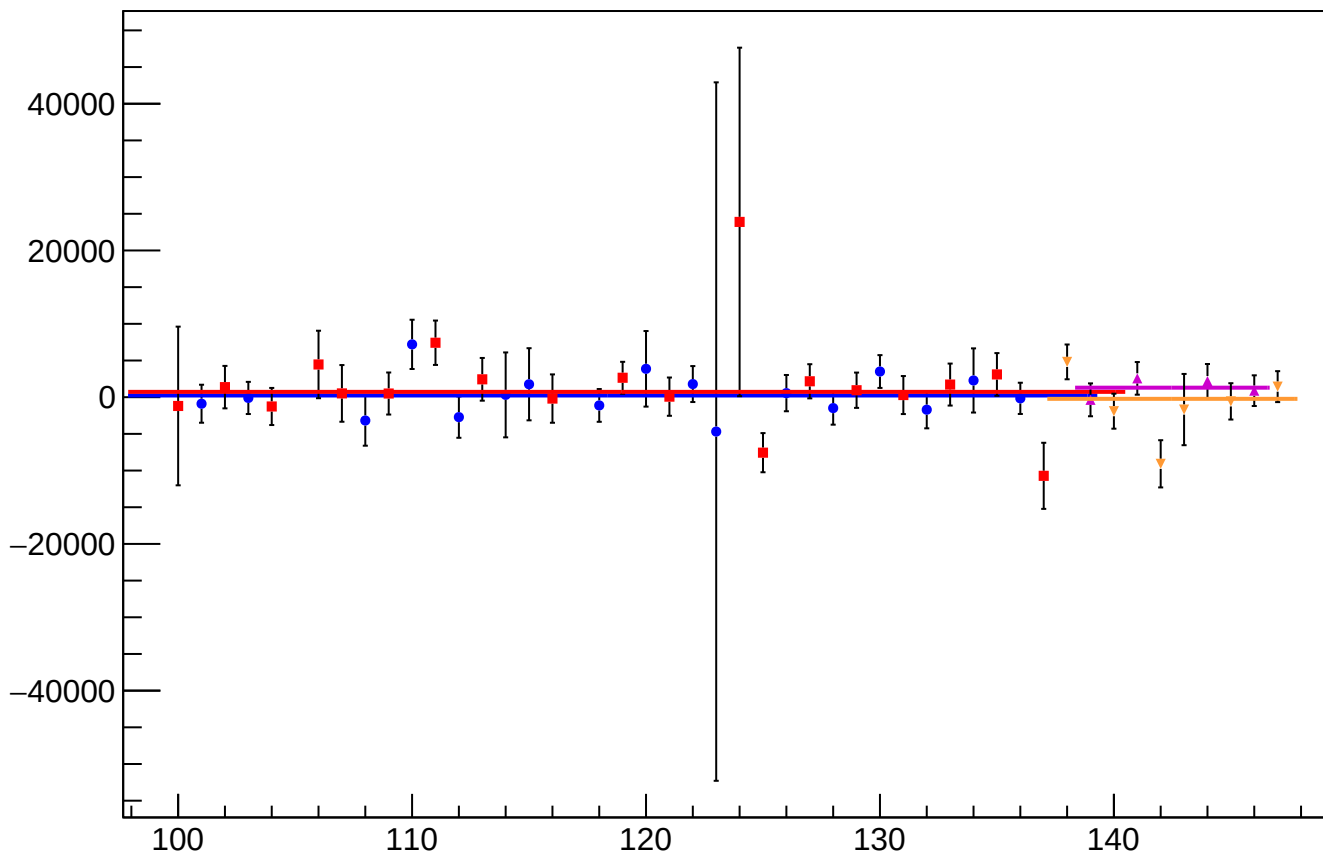
Left In: 5701.801 ± 2.233 χ^2/NDF : 63722.3/3

+ sign 3522.820 ± 0.818 χ^2/NDF : 3075578.7/22

All: 3482.120 ± 0.583 χ^2/NDF : 6344765.8/45

- sign 3440.058 ± 0.832 χ^2/NDF : 3264155.3/22

dit_asym_atl_dd_mean vs Slug



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

Left Out: -224.429+/-1065.615 χ^2/NDF :13.3/5

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

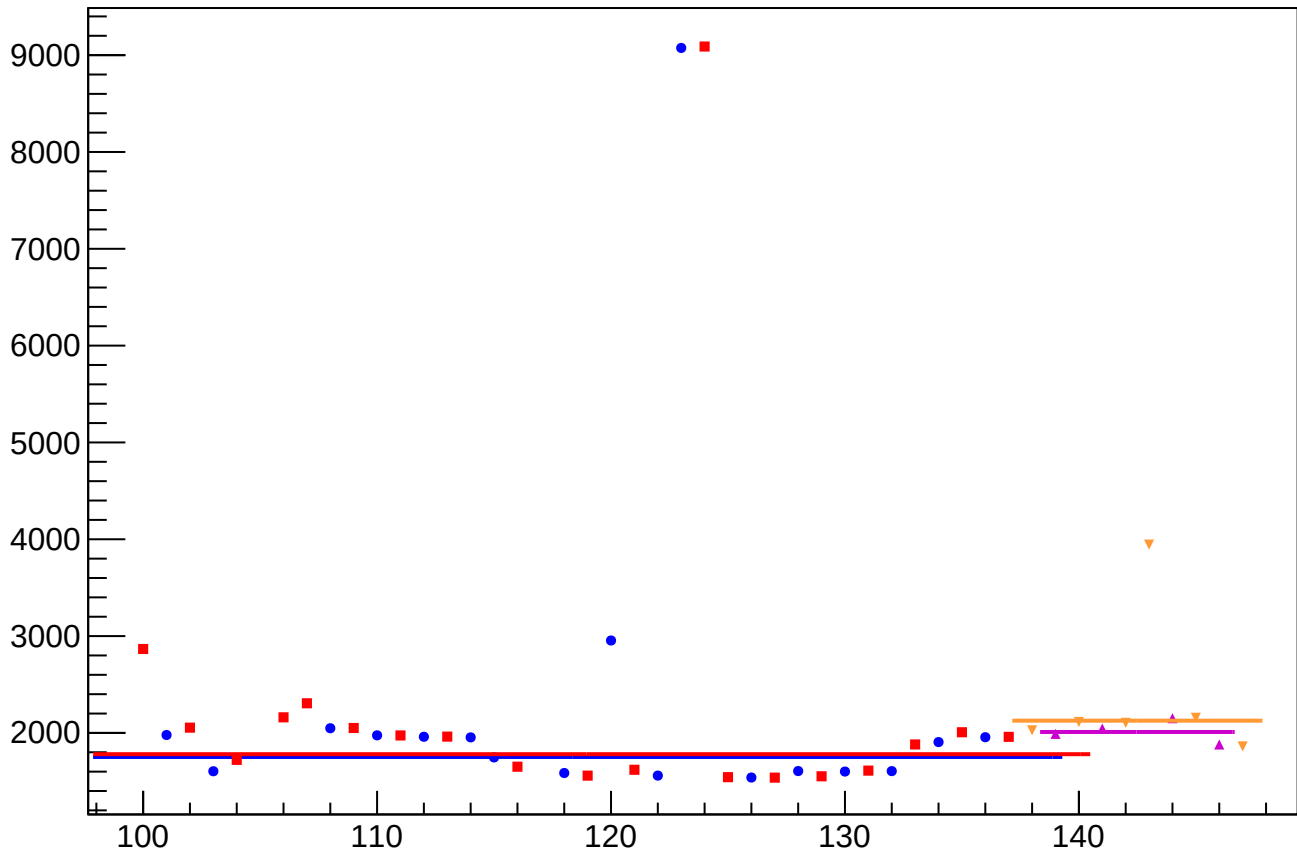
Left In: 1296.512+/-1108.271 χ^2/NDF :1.1/3

+ sign 98.278+/-577.279 χ^2/NDF : 25.0/22

All: 487.597+/-409.918 χ^2/NDF : 53.0/45

- sign 883.550+/-582.176 χ^2/NDF : 27.1/22

dit_asym_atl_dd_rms vs Slug



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

Left Out: 2126.391+/-0.754 χ^2/NDF : 316094.8/5

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

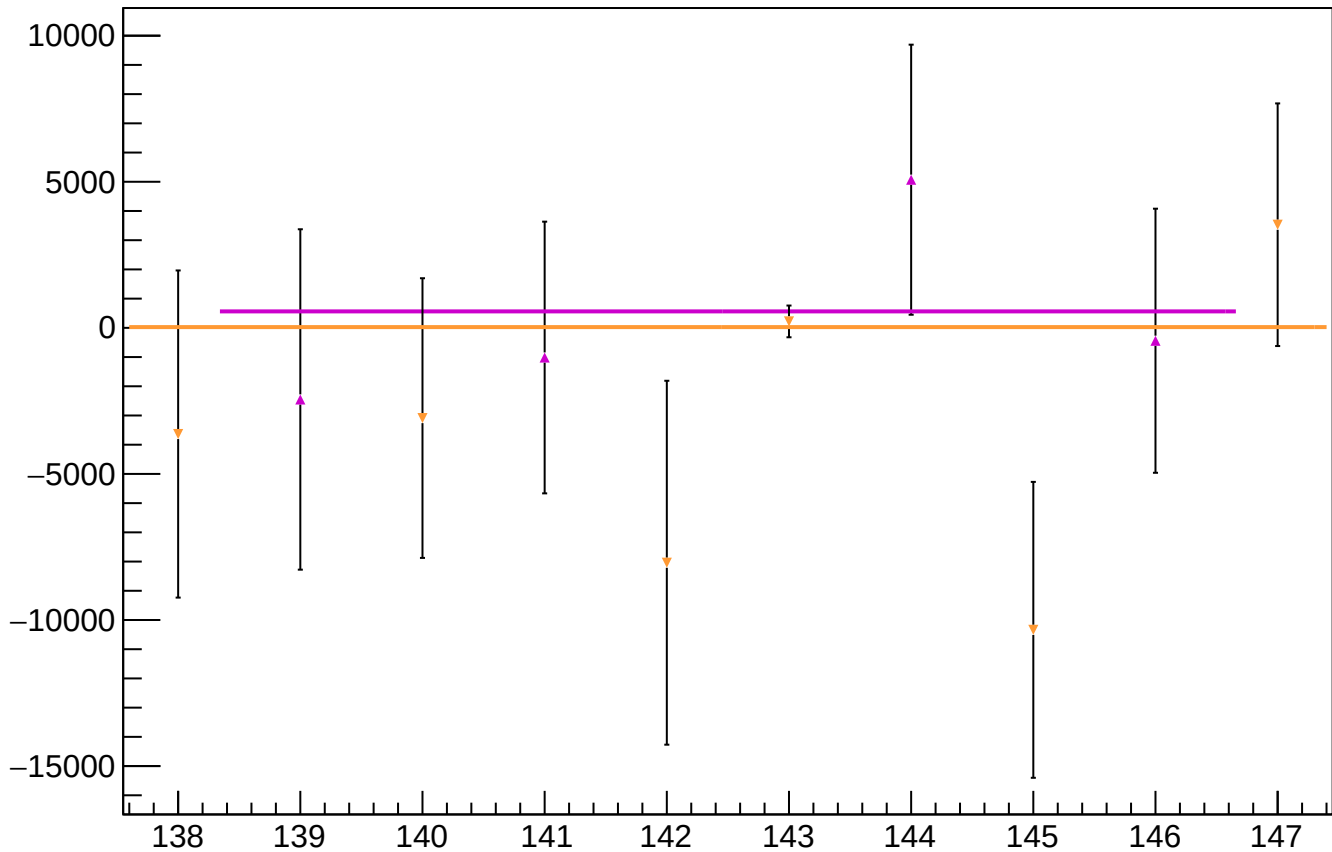
Left In: 2009.678+/-0.784 χ^2/NDF : 15717.5/3

+ sign 1861.768+/-0.408 χ^2/NDF : 791557.3/22

All: 1852.643+/-0.290 χ^2/NDF : 1298744.9/45

- sign 1843.383+/-0.411 χ^2/NDF : 506180.7/22

asym_atl_dd_correction_mean vs Slug



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

Left Out: 25.390+/-527.719 χ^2/NDF : 7.6/5

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

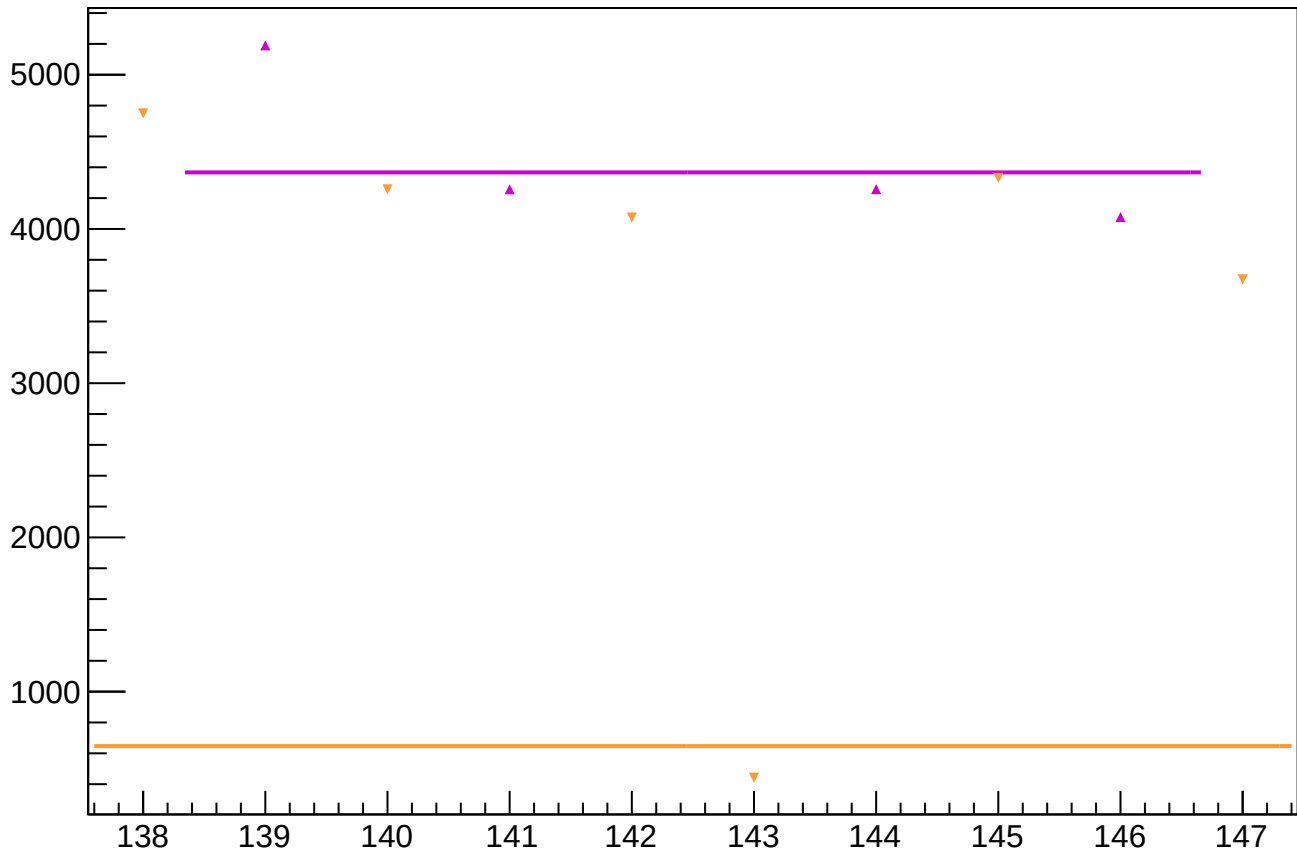
Left In: 563.211+/-2414.912 χ^2/NDF : 1.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.902+/-515.553 χ^2/NDF : 9.0/9

- 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: 646.855+/-0.373 χ^2/NDF : 5223854.5/5

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

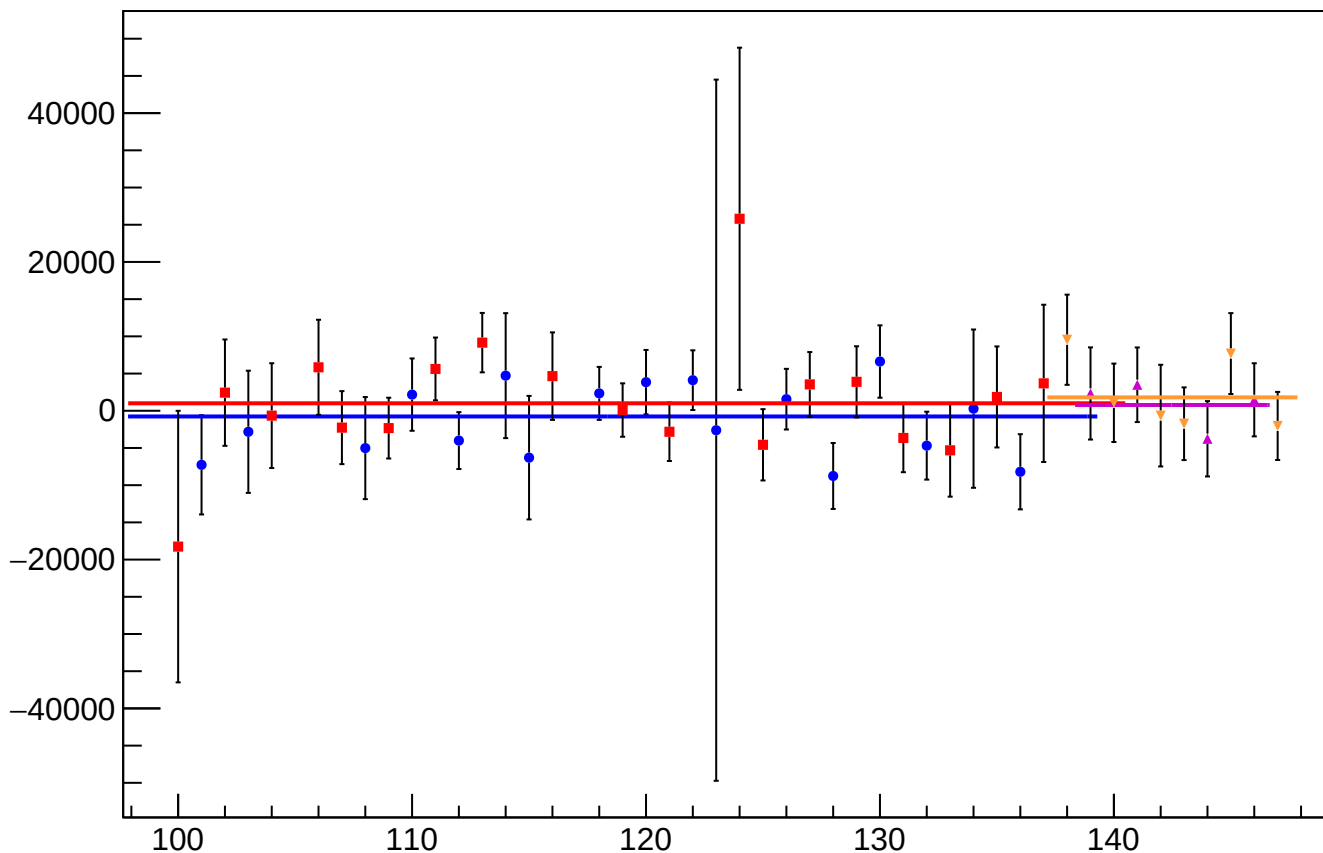
Left In: 4366.777+/-1.708 χ^2/NDF : 50413.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.397+/-0.365 χ^2/NDF : 9803620.0/9

- 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: 1797.429 ± 2191.563 χ^2/NDF : 4.2/5

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

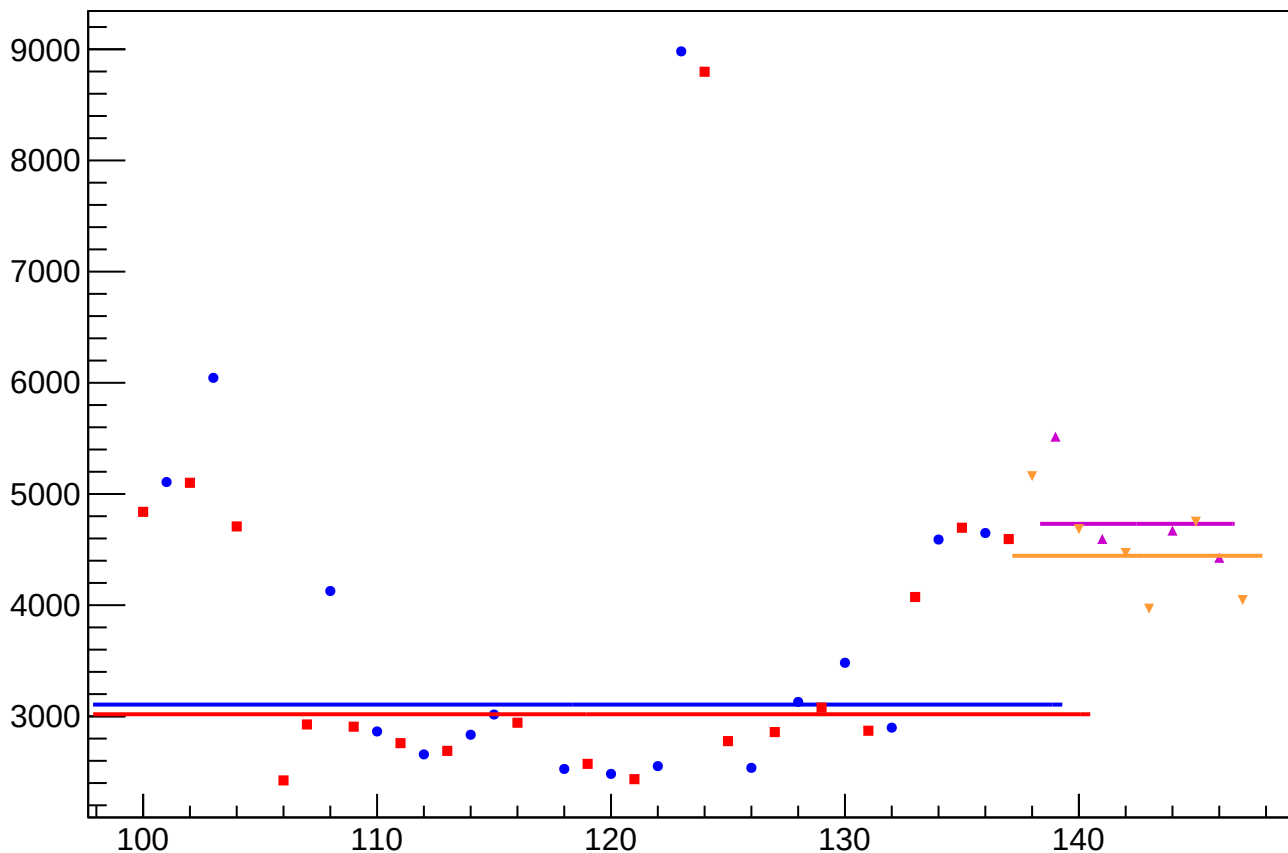
Left In: 778.054 ± 2614.087 χ^2/NDF : 1.2/3

+ sign -137.836 ± 1084.293 χ^2/NDF : 20.7/22

All: 414.187 ± 766.572 χ^2/NDF : 37.5/45

- sign 965.810 ± 1083.900 χ^2/NDF : 16.2/22

asym_atl_dd_rms vs Slug



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

Left Out: 4444.324+/-1.550 χ^2/NDF : 72593.8/5

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

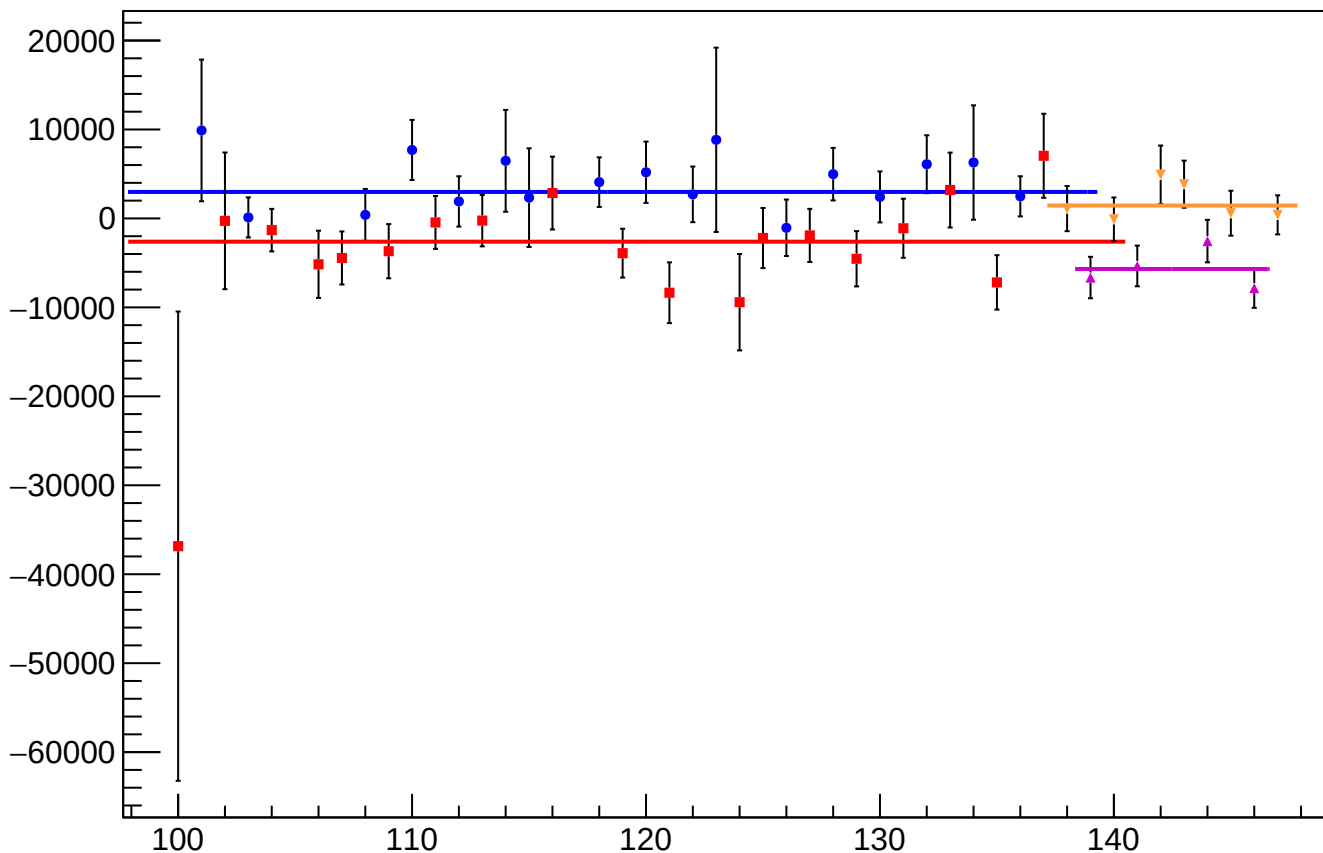
Left In: 4731.637+/-1.848 χ^2/NDF : 41567.3/3

+ sign 3433.486+/-0.767 χ^2/NDF : 1595815.8/22

All: 3369.664+/-0.539 χ^2/NDF : 3159460.2/45

- sign 3307.201+/-0.759 χ^2/NDF : 1549933.7/22

dit_asym_atr_avg_mean vs Slug



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

Left Out: 1449.809 ± 1042.662 χ^2/NDF : 2.7/5

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

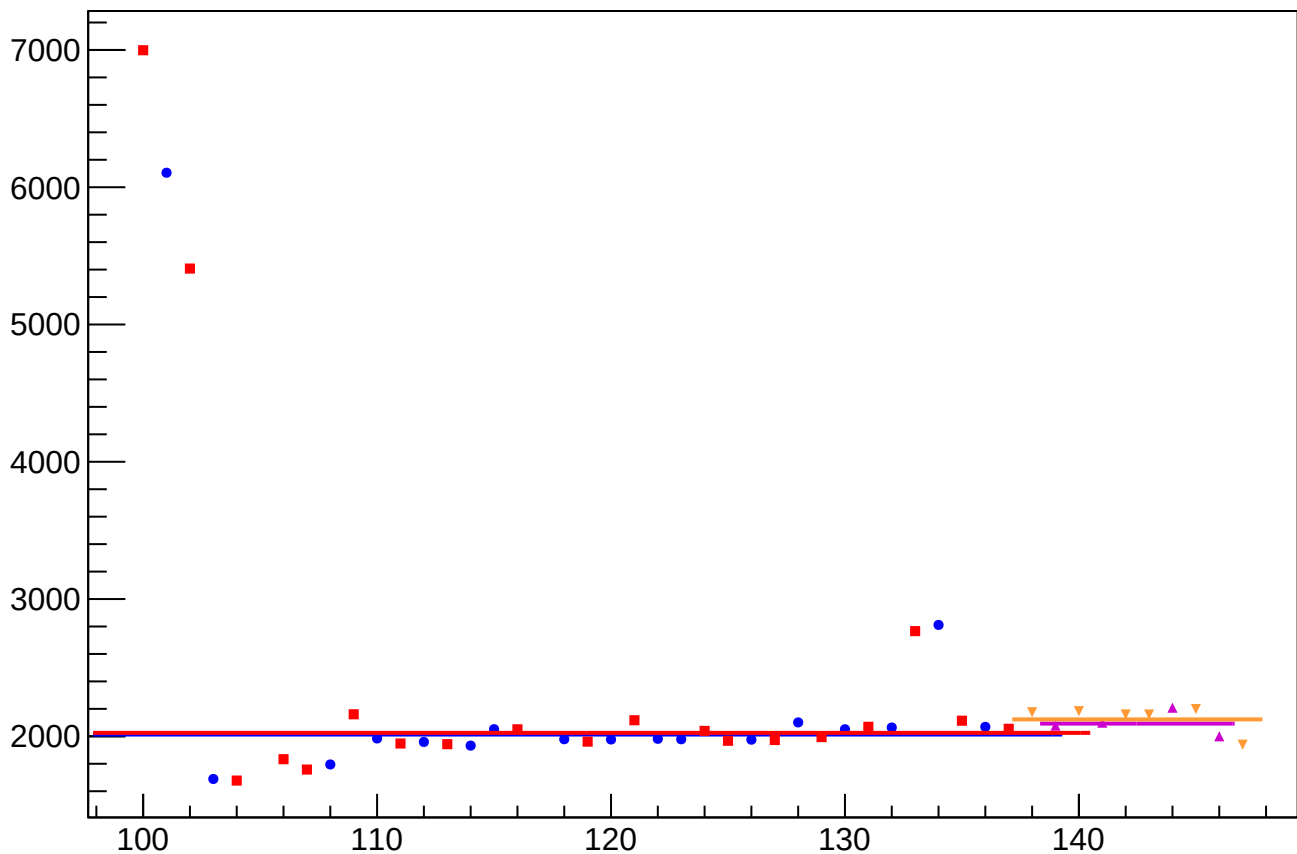
Left In: -5683.219 ± 1151.556 χ^2/NDF : 2.9/3

+ sign 2416.110 ± 632.395 χ^2/NDF : 13.9/22

All: -512.883 ± 452.460 χ^2/NDF : 85.2/45

- sign -3584.670 ± 647.627 χ^2/NDF : 27.3/22

dit_asym_atr_avg_rms vs Slug



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

Left Out: 2123.246 $\pm$ 0.737 χ^2 /NDF: 18485.8/5

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

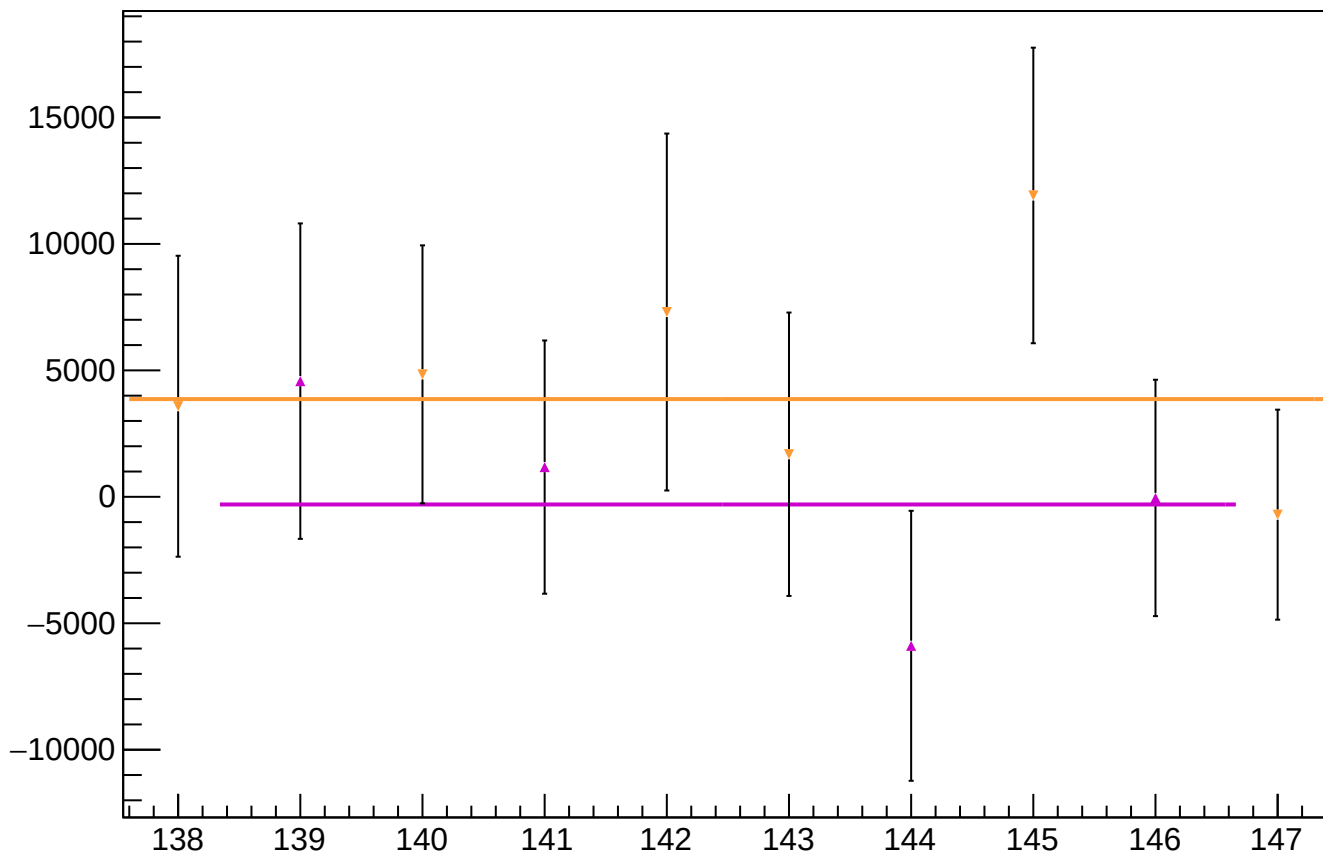
Left In: 2092.705 $\pm$ 0.814 χ^2 /NDF: 8276.7/3

+ sign 2053.521 $\pm$ 0.447 χ^2 /NDF: 650341.6/22

All: 2050.070 $\pm$ 0.320 χ^2 /NDF: 1260880.9/45

- sign 2046.452 $\pm$ 0.458 χ^2 /NDF: 610417.3/22

asym_atr_avg_correction_mean vs Slug



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

Left Out: 3864.151+/-2203.805 χ^2/NDF : 3.5/5

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

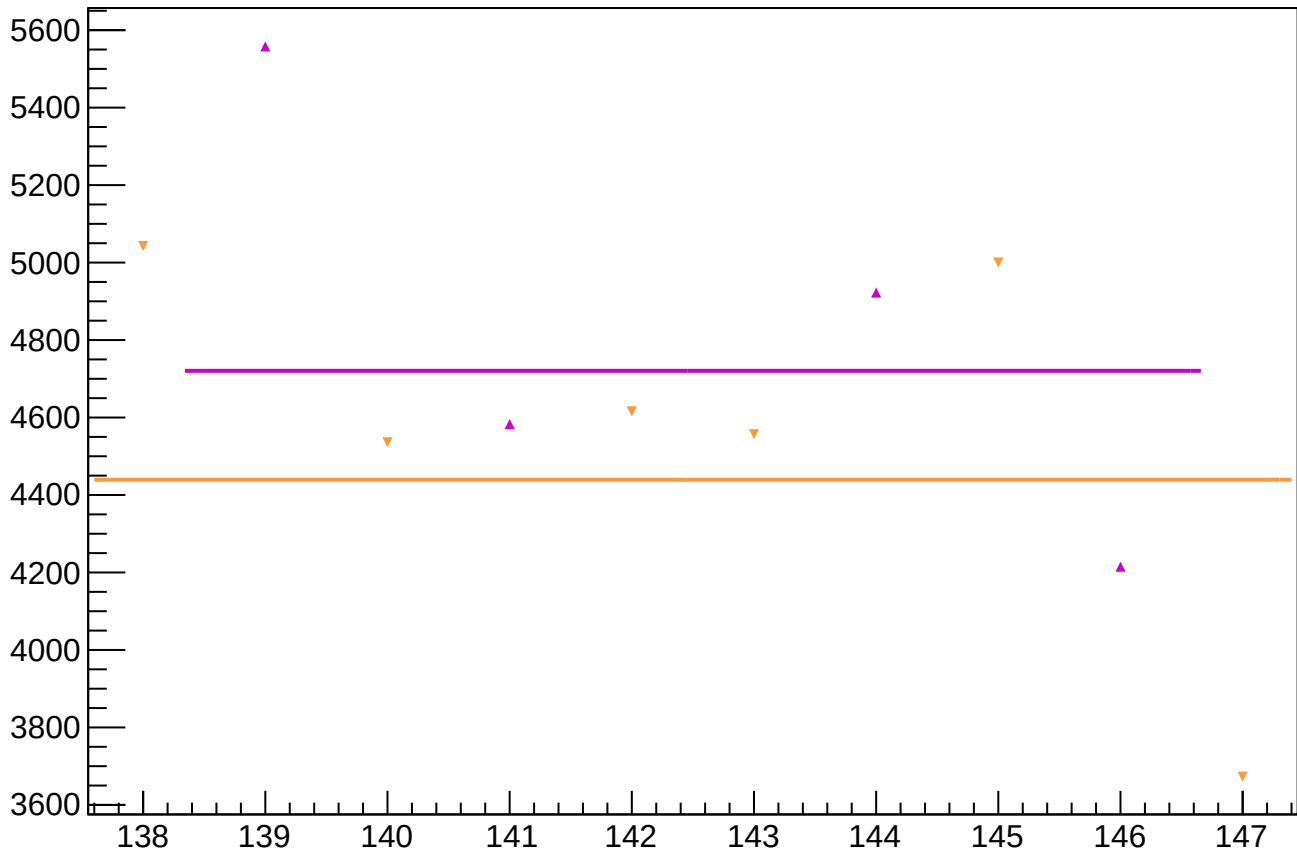
Left In: -302.272+/-2612.737 χ^2/NDF : 1.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2132.144+/-1684.569 χ^2/NDF : 6.8/9

- 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: 4439.444+/-1.558 χ^2/NDF :109976.4/5

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

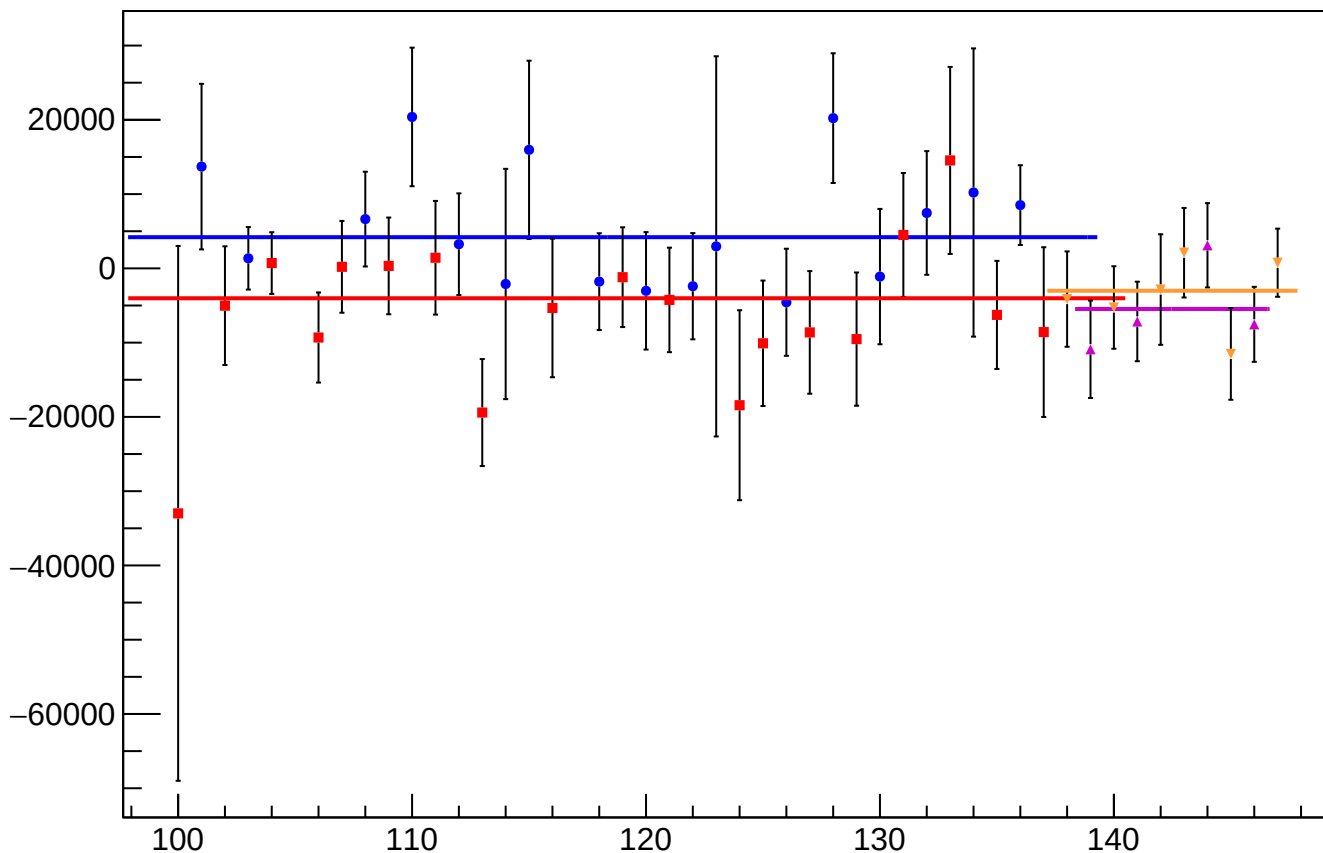
Left In: 4720.579+/-1.847 χ^2/NDF :63844.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4556.314+/-1.191 χ^2/NDF : 187350.9/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



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

Left Out: -3013.669 $\pm$ 2384.147 χ^2 /NDF: 3.5/5

Right Out: -4023.682 $\pm$ 1725.187 χ^2 /NDF: 14.8/18

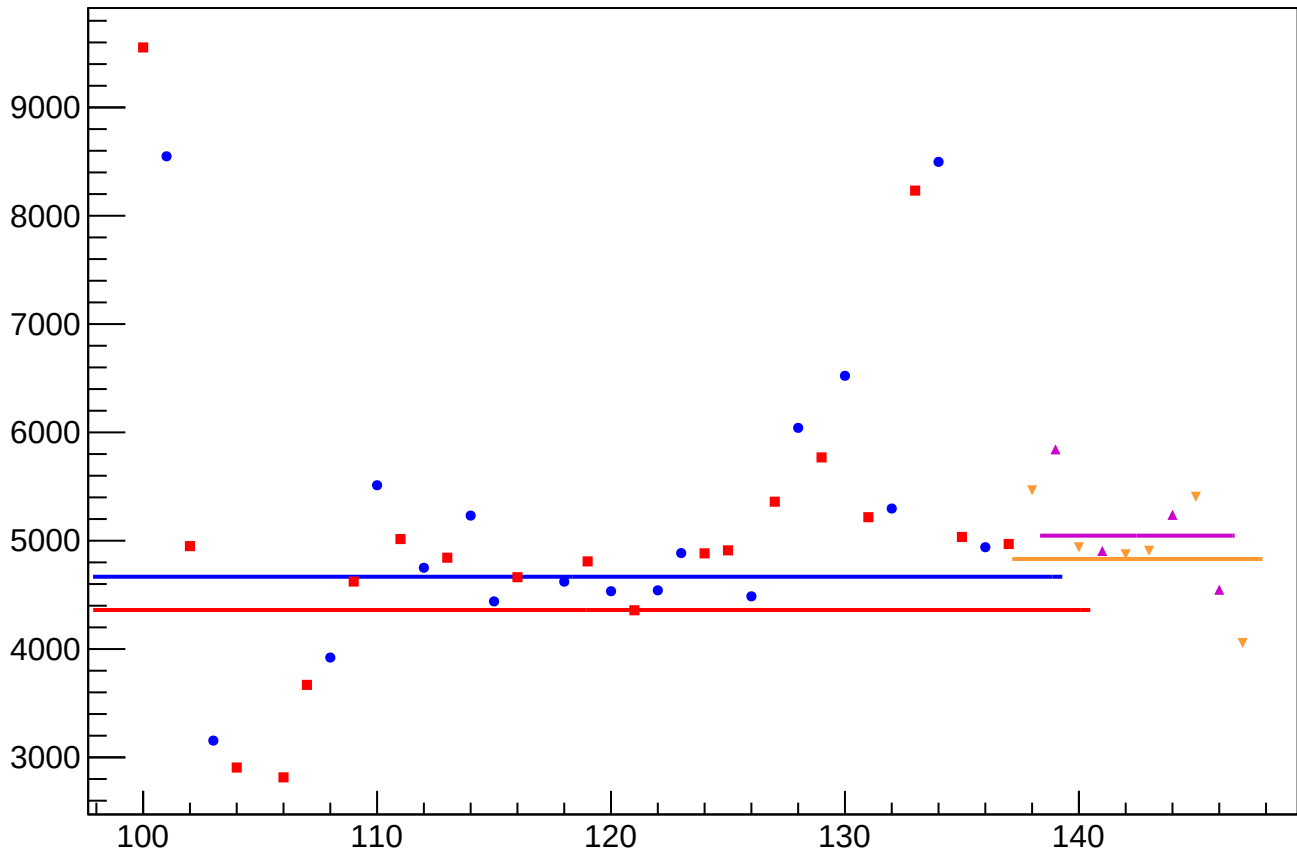
Left In: -5469.066 $\pm$ 2791.218 χ^2 /NDF: 3.2/3

+ sign 1473.905 $\pm$ 1465.428 χ^2 /NDF: 23.3/22

All: -1470.481 $\pm$ 1036.947 χ^2 /NDF: 49.6/45

- sign -4423.217 $\pm$ 1467.504 χ^2 /NDF: 18.3/22

asym_atr_avg_rms vs Slug



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

Left Out: 4831.113+/-1.686 χ^2/NDF : 94972.3/5

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

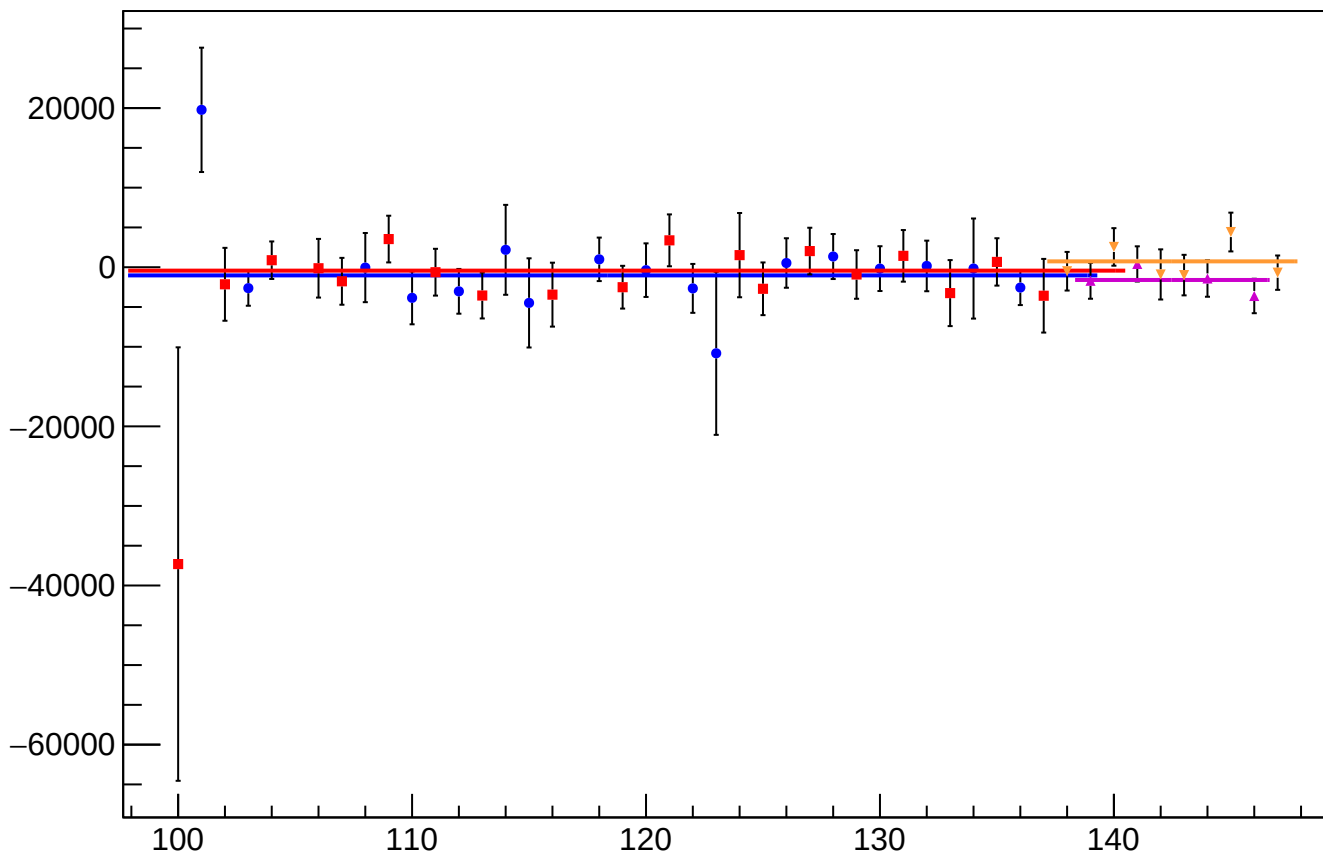
Left In: 5046.922+/-1.974 χ^2/NDF : 52750.8/3

+ sign 4729.295+/-1.036 χ^2/NDF : 878692.8/22

All: 4638.754+/-0.732 χ^2/NDF : 1867194.8/45

- sign 4548.715+/-1.033 χ^2/NDF : 973275.0/22

dit_asym_atr_dd_mean vs Slug



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

Left Out: 737.174 ± 1006.458 χ^2/NDF : 4.3/5

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

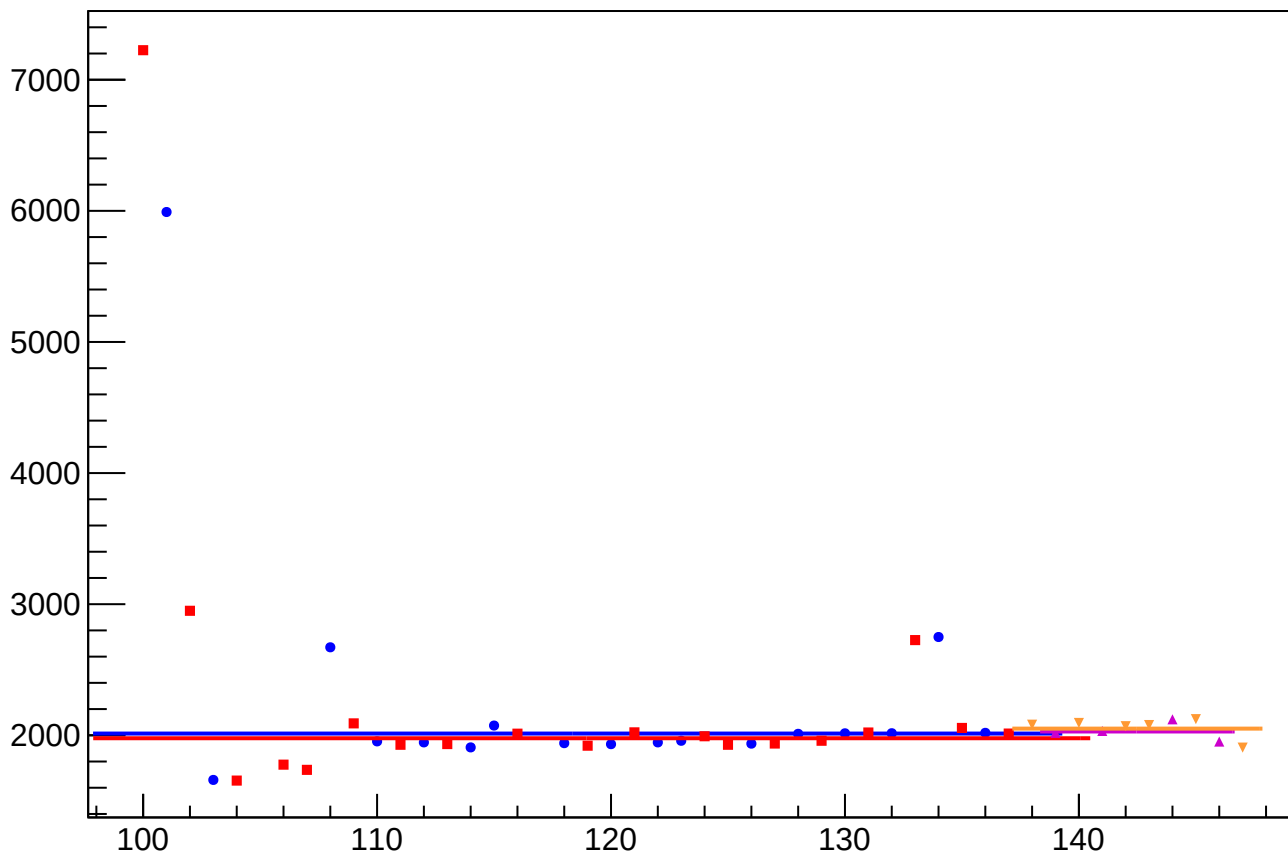
Left In: -1602.758 ± 1116.189 χ^2/NDF : 1.7/3

+ sign -347.536 ± 624.623 χ^2/NDF : 19.3/22

All: -572.802 ± 443.098 χ^2/NDF : 32.7/45

- sign -800.993 ± 628.666 χ^2/NDF : 13.2/22

dit_asym_atr_dd_rms vs Slug



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

Left Out: 2050.939+/-0.712 χ^2/NDF :12033.5/5

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

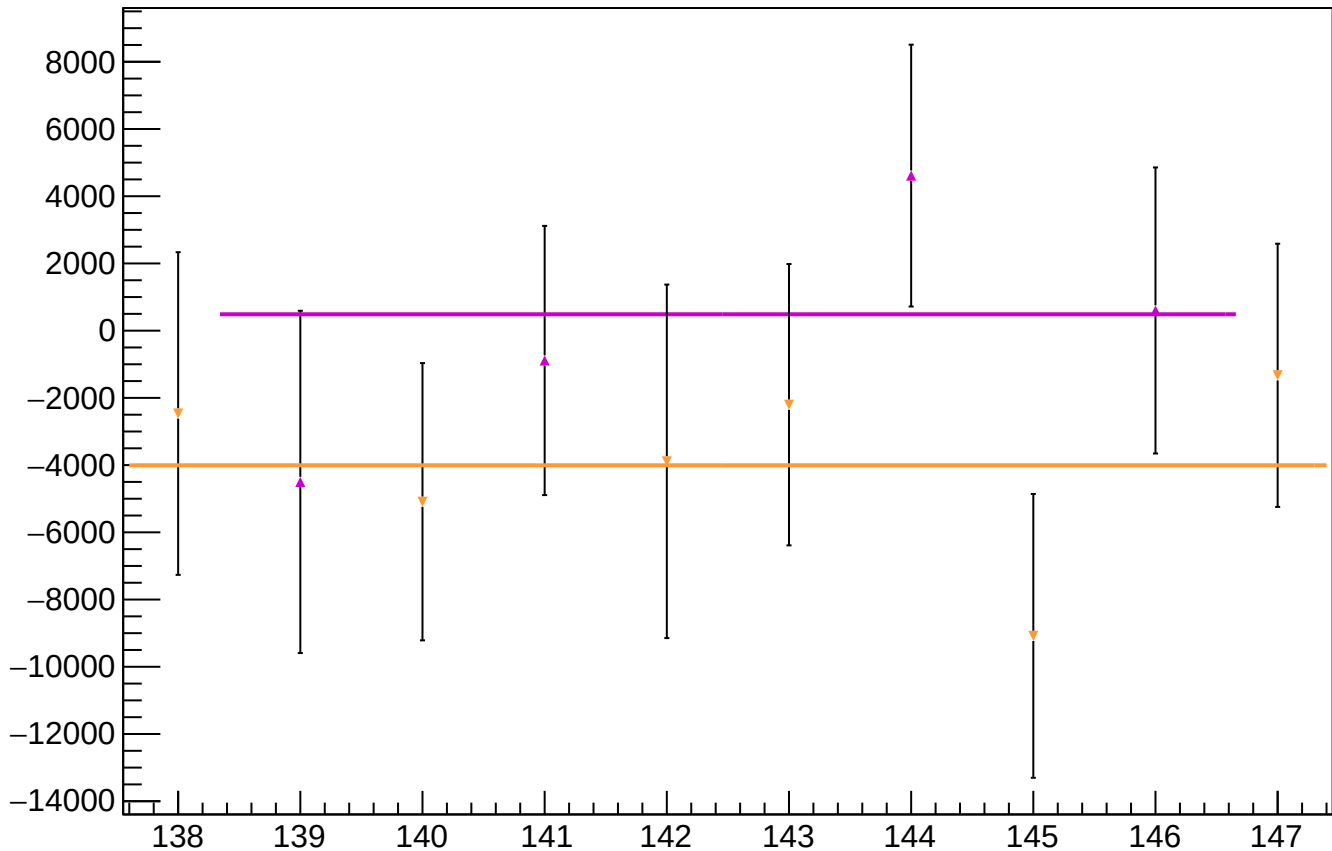
Left In: 2029.101+/-0.789 χ^2/NDF :5834.7/3

+ sign 2027.779+/-0.442 χ^2/NDF : 663804.6/22

All: 2010.924+/-0.313 χ^2/NDF : 970383.0/45

- sign 1993.876+/-0.444 χ^2/NDF : 303649.2/22

asym_atr_dd_correction_mean vs Slug



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

Left Out: -4004.988+/-1776.771 χ^2/NDF : 2.3/5

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

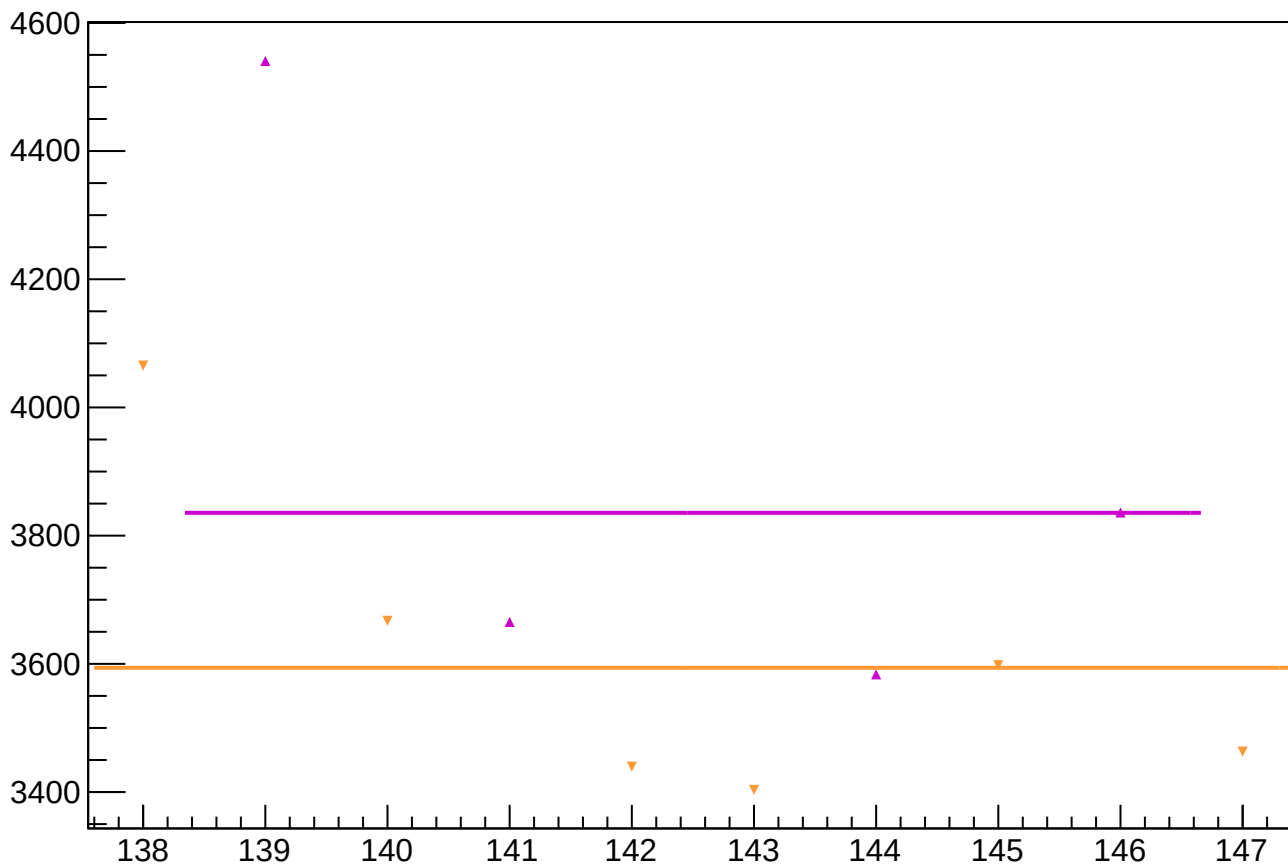
Left In: 488.037+/-2122.142 χ^2/NDF : 2.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2153.376+/-1362.323 χ^2/NDF : 7.1/9

- 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: 3593.884+/-1.256 χ^2/NDF : 28025.7/5

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

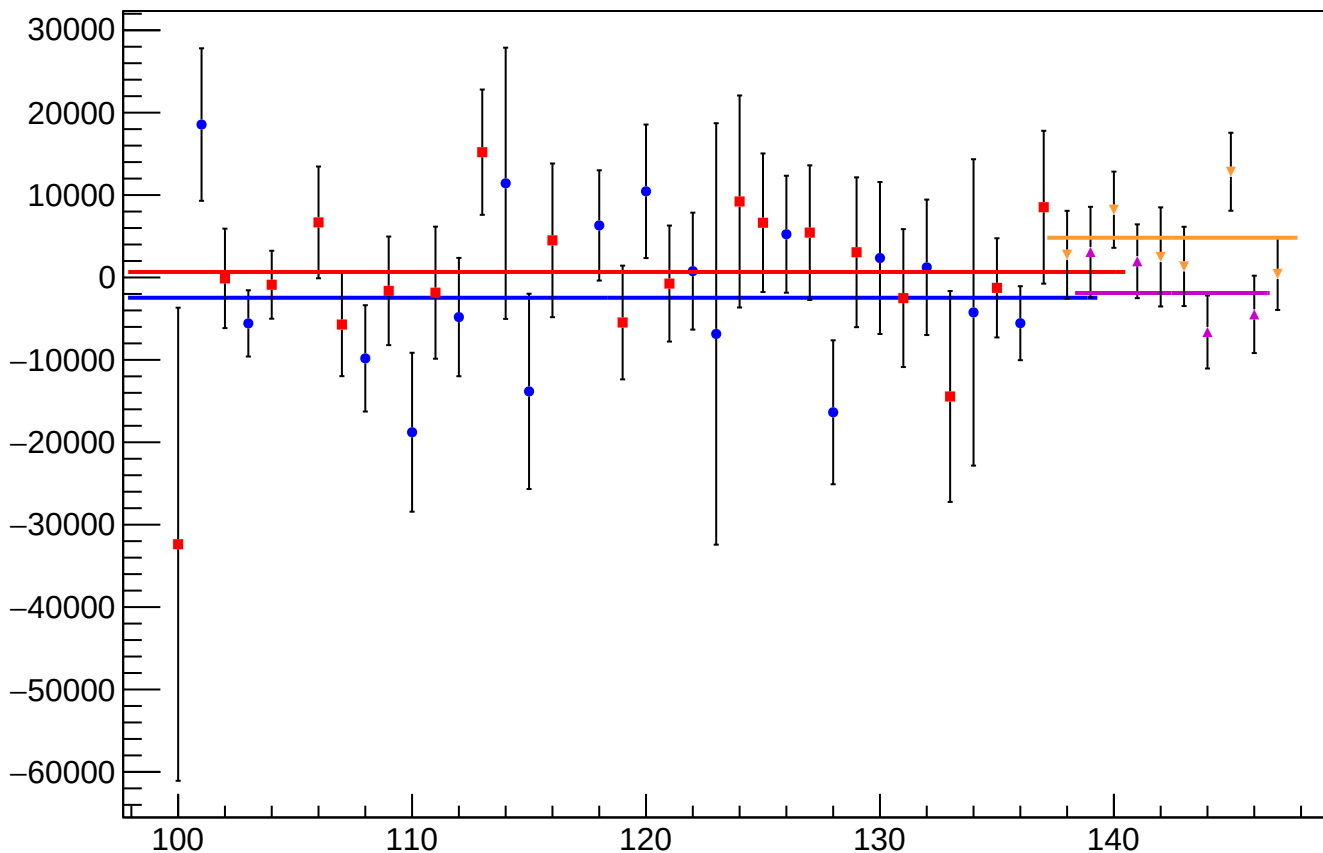
Left In: 3835.594+/-1.501 χ^2/NDF : 50311.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3693.495+/-0.963 χ^2/NDF : 93590.5/9

- 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: 4821.809+/-2001.498 χ^2/NDF : 5.2/5

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

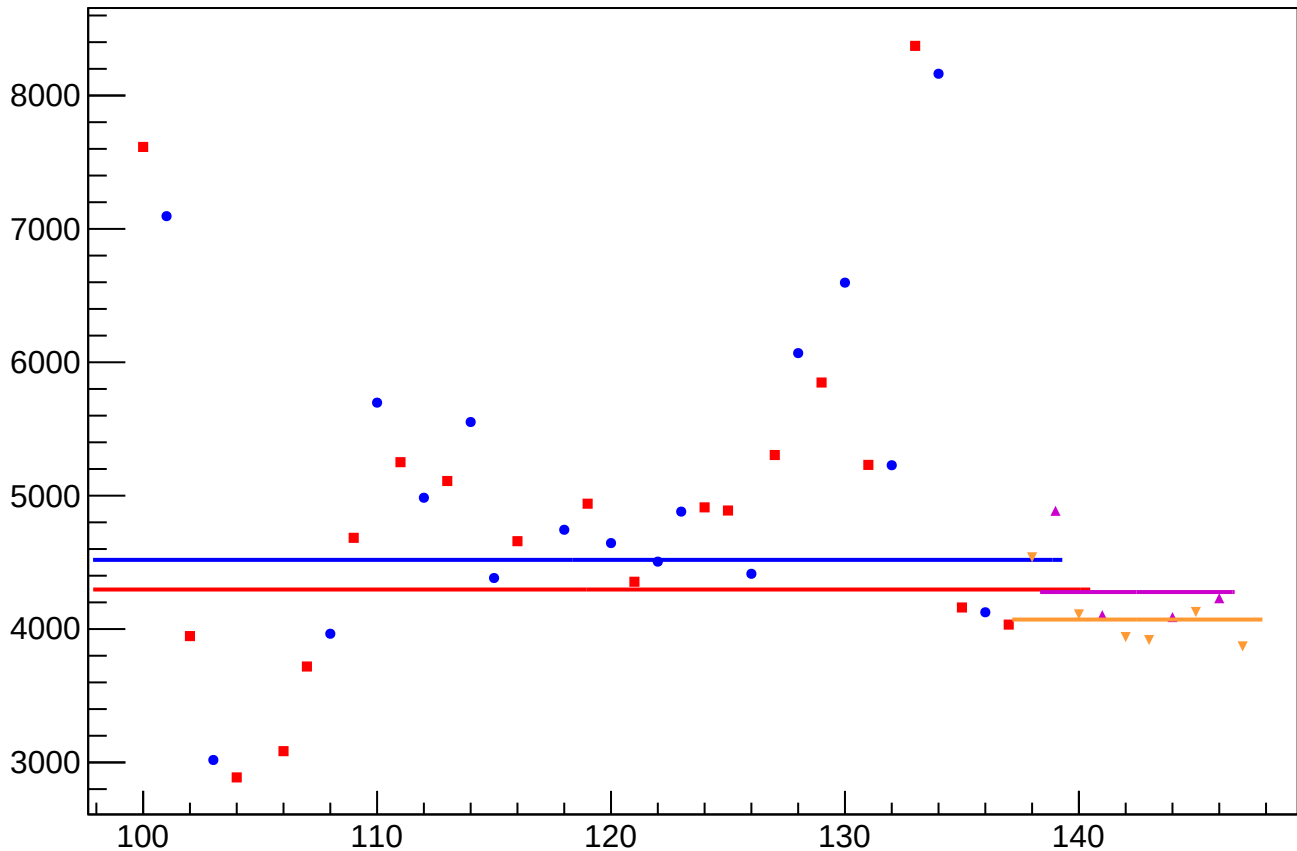
Left In: -1883.166+/-2360.804 χ^2/NDF : 3.0/3

+ sign 789.349+/-1337.264 χ^2/NDF : 33.4/22

All: 309.337+/-958.342 χ^2/NDF : 49.3/45

- sign -197.474+/-1374.086 χ^2/NDF : 15.7/22

asym_atr_dd_rms vs Slug



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

Left Out: 4071.318+/-1.415 χ^2/NDF : 22973.7/5

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

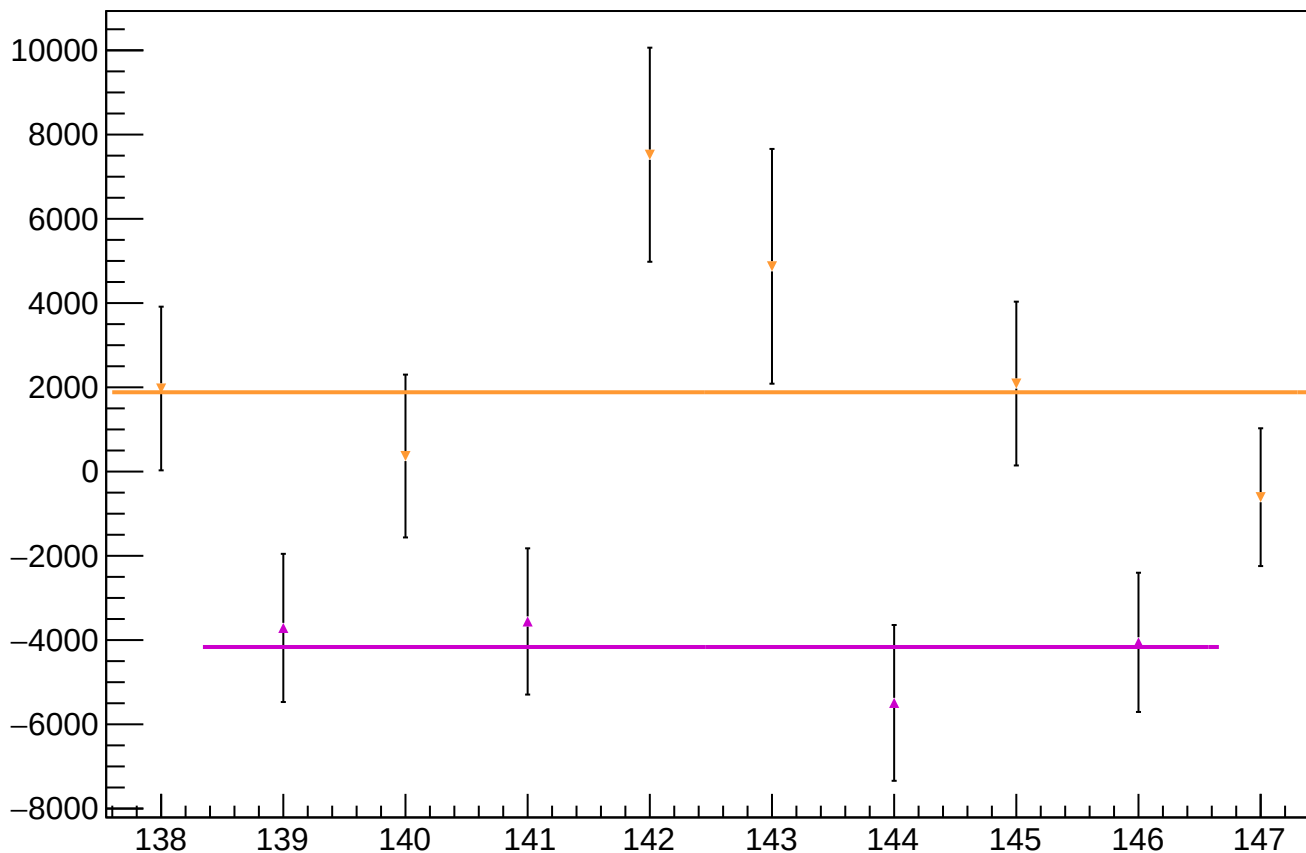
Left In: 4277.504+/-1.669 χ^2/NDF : 31509.7/3

+ sign 4318.980+/-0.946 χ^2/NDF : 848515.4/22

All: 4304.845+/-0.676 χ^2/NDF : 1652270.1/45

- sign 4290.031+/-0.968 χ^2/NDF : 803297.0/22

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 1882.832+/-829.133 χ^2/NDF :9.0/5

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

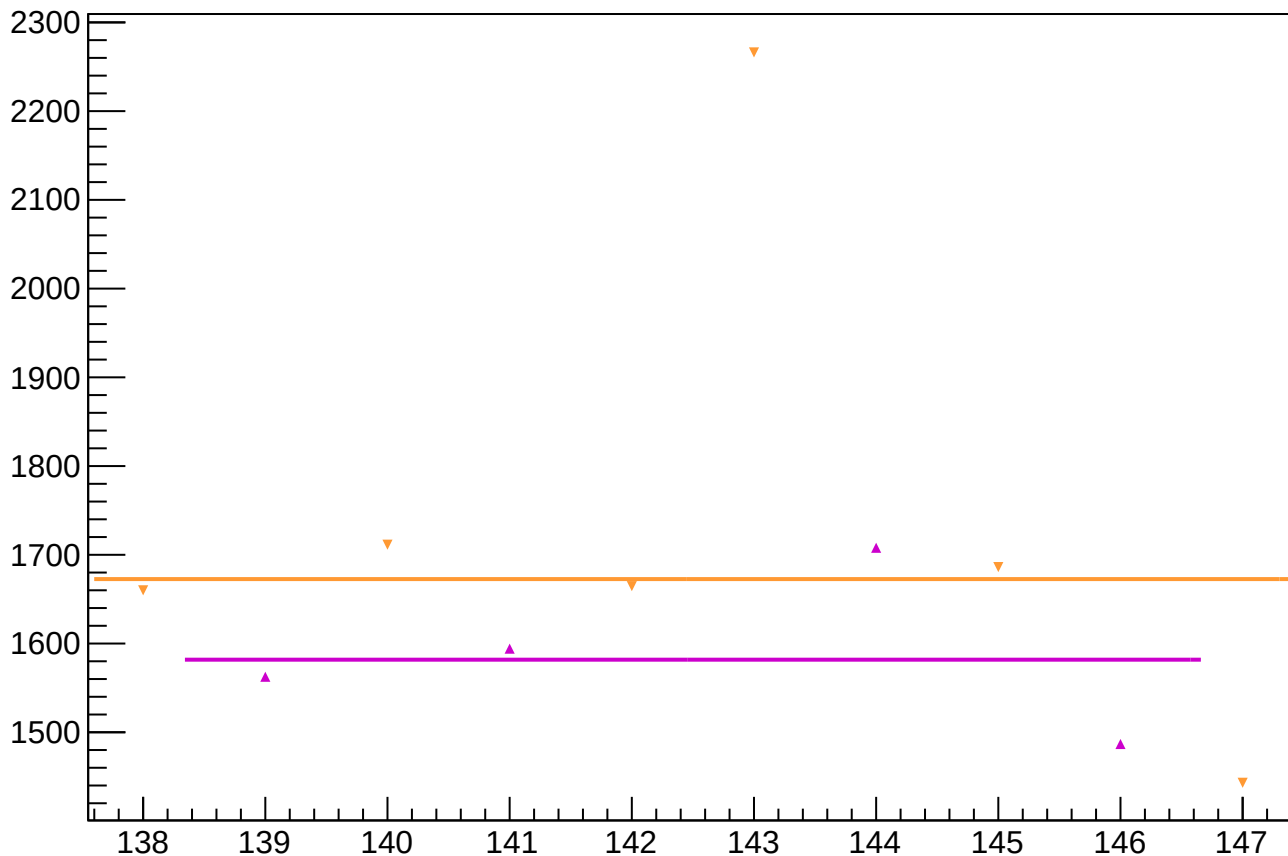
Left In: -4164.432+/-872.464 χ^2/NDF :0.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -986.906+/-601.020 χ^2/NDF : 35.0/9

- 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: 1672.634+/-0.586 χ^2/NDF :131142.0/5

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

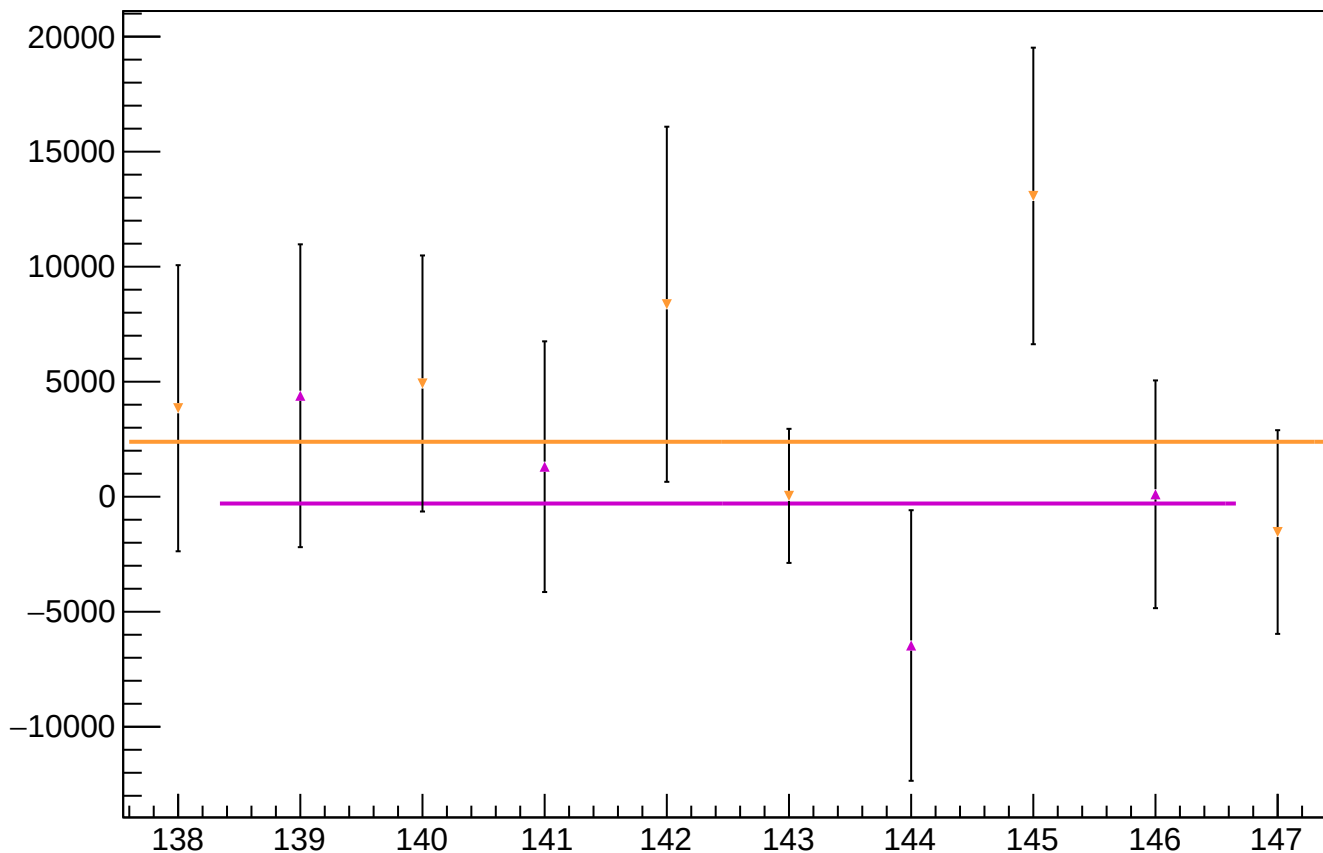
Left In: 1581.801+/-0.617 χ^2/NDF :16257.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.529+/-0.425 χ^2/NDF : 158790.4/9

- 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: 2388.676+/-1932.488 χ^2/NDF :5.0/5

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

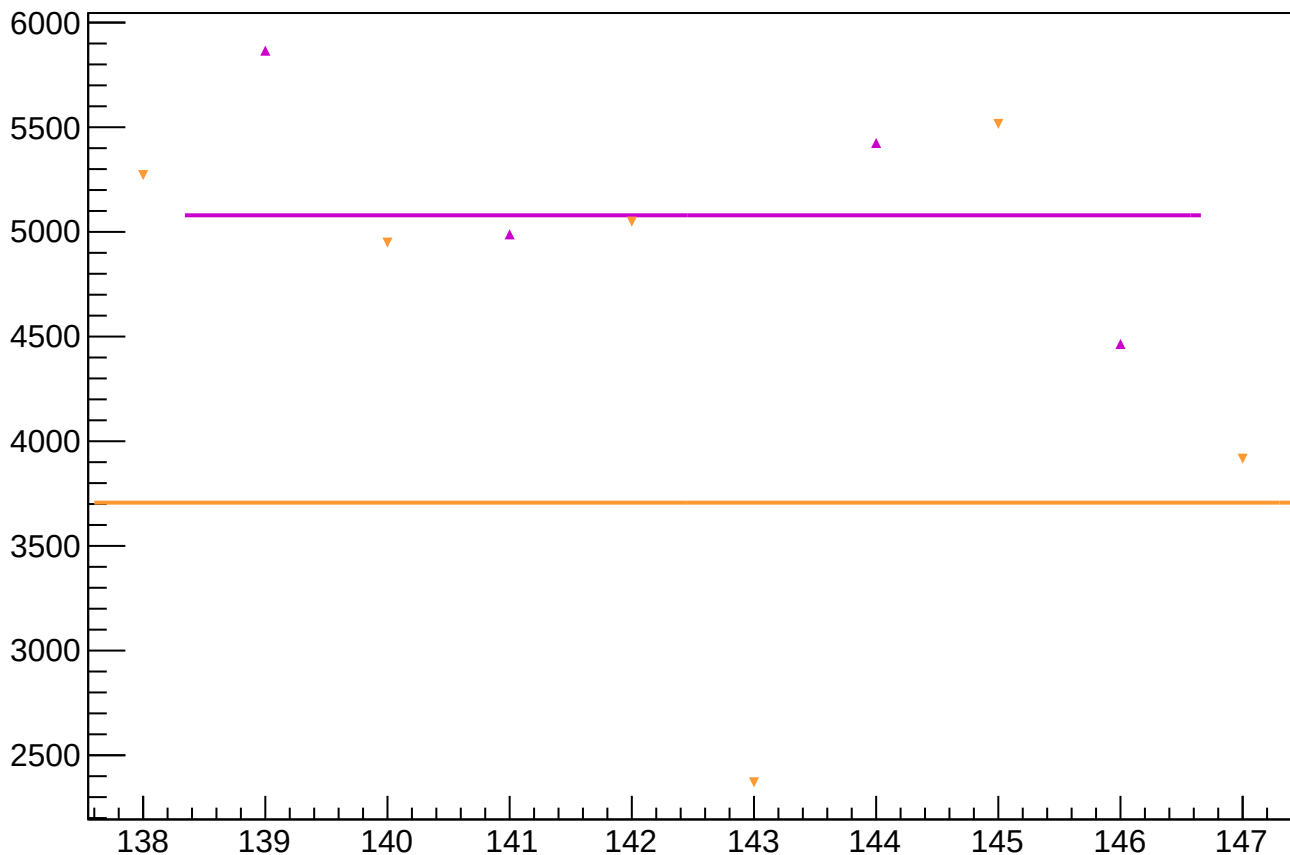
Left In: -295.408+/-2811.781 χ^2/NDF :1.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1527.576+/-1592.613 χ^2/NDF : 7.4/9

- 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: 3706.640+/-1.366 χ^2/NDF : 869235.6/5

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

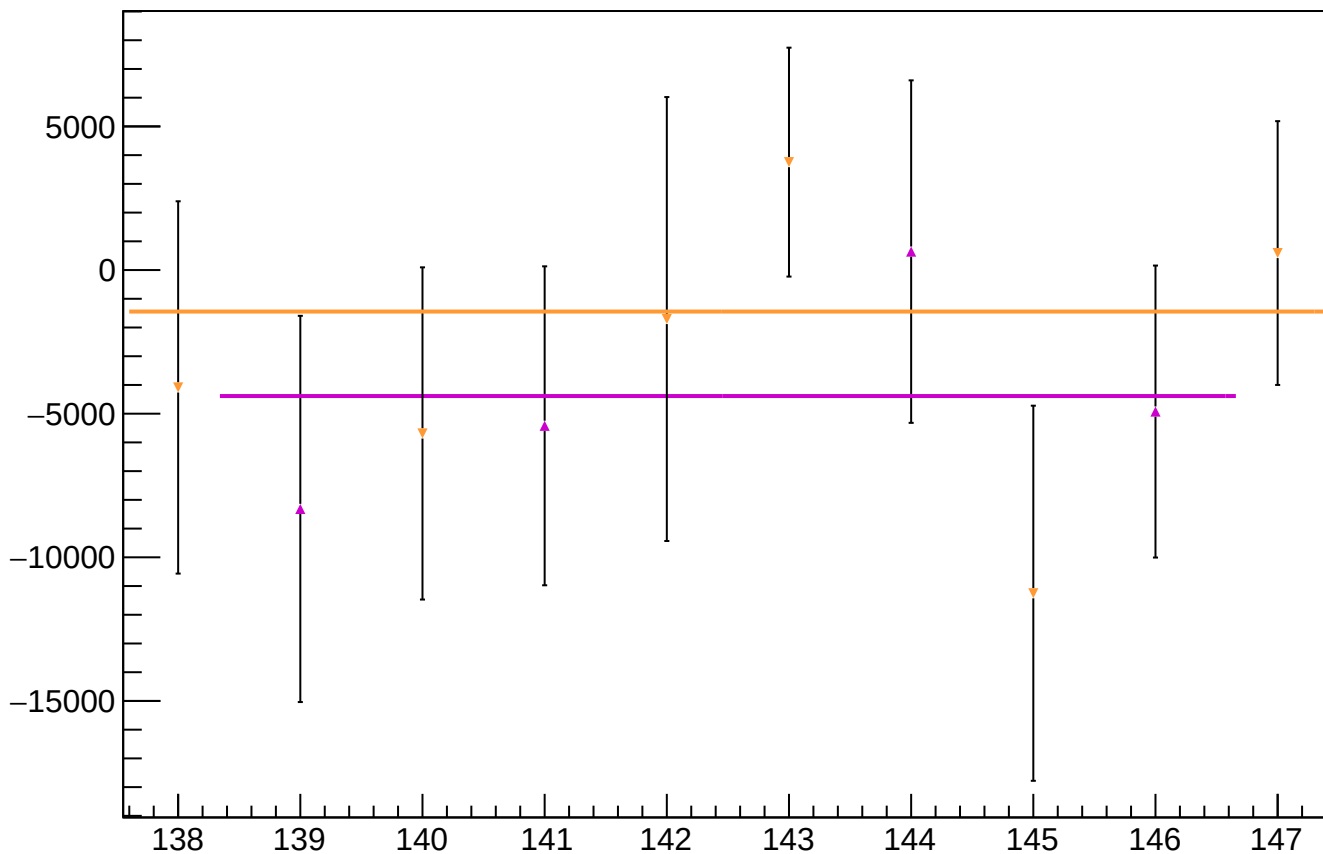
Left In: 5079.329+/-1.988 χ^2/NDF : 66849.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4147.022+/-1.126 χ^2/NDF : 1259826.3/9

- 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: -1444.541+/-2212.124 χ^2/NDF : 4.9/5

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

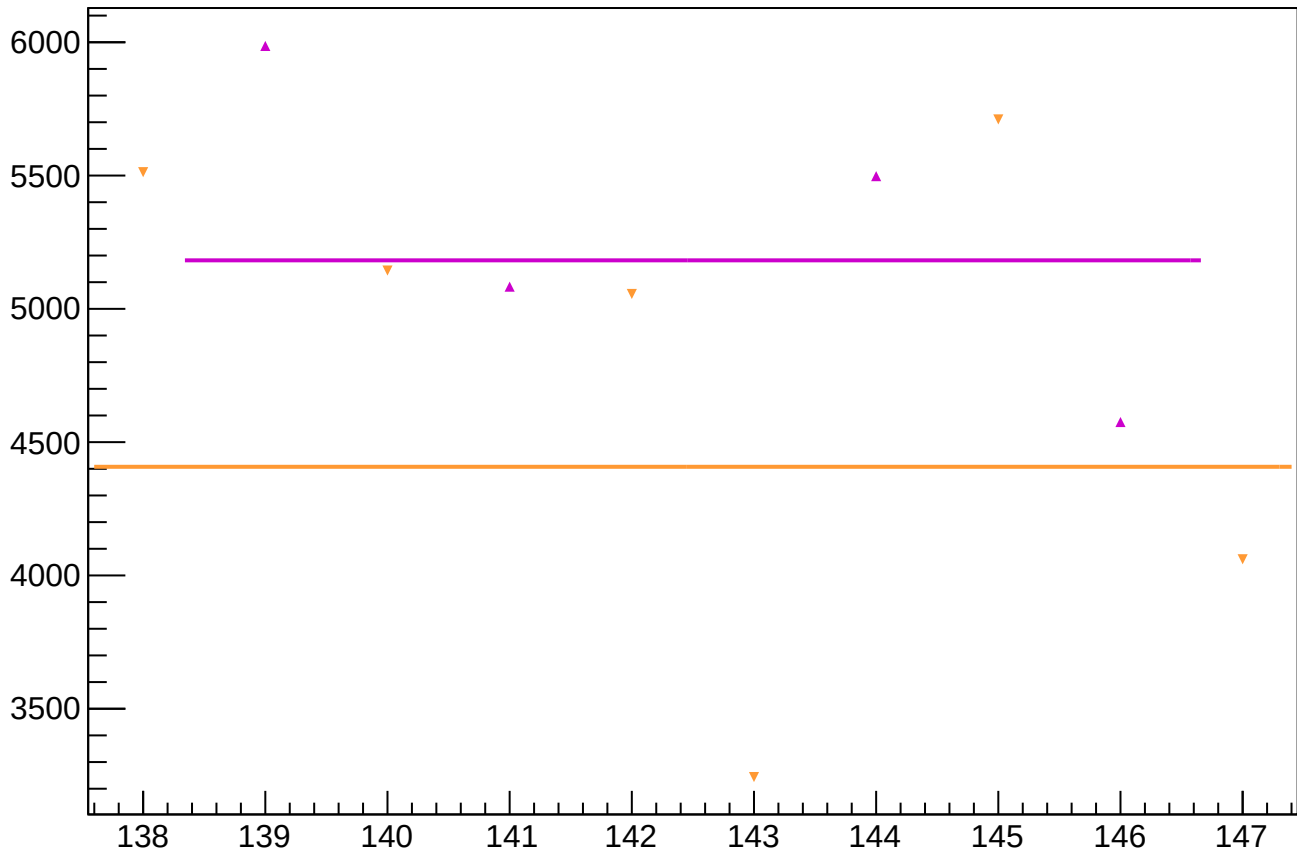
Left In: -4385.899+/-2869.744 χ^2/NDF : 1.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2540.862+/-1752.016 χ^2/NDF : 6.6/9

- 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: 4407.553+/-1.564 χ^2/NDF : 366356.6/5

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

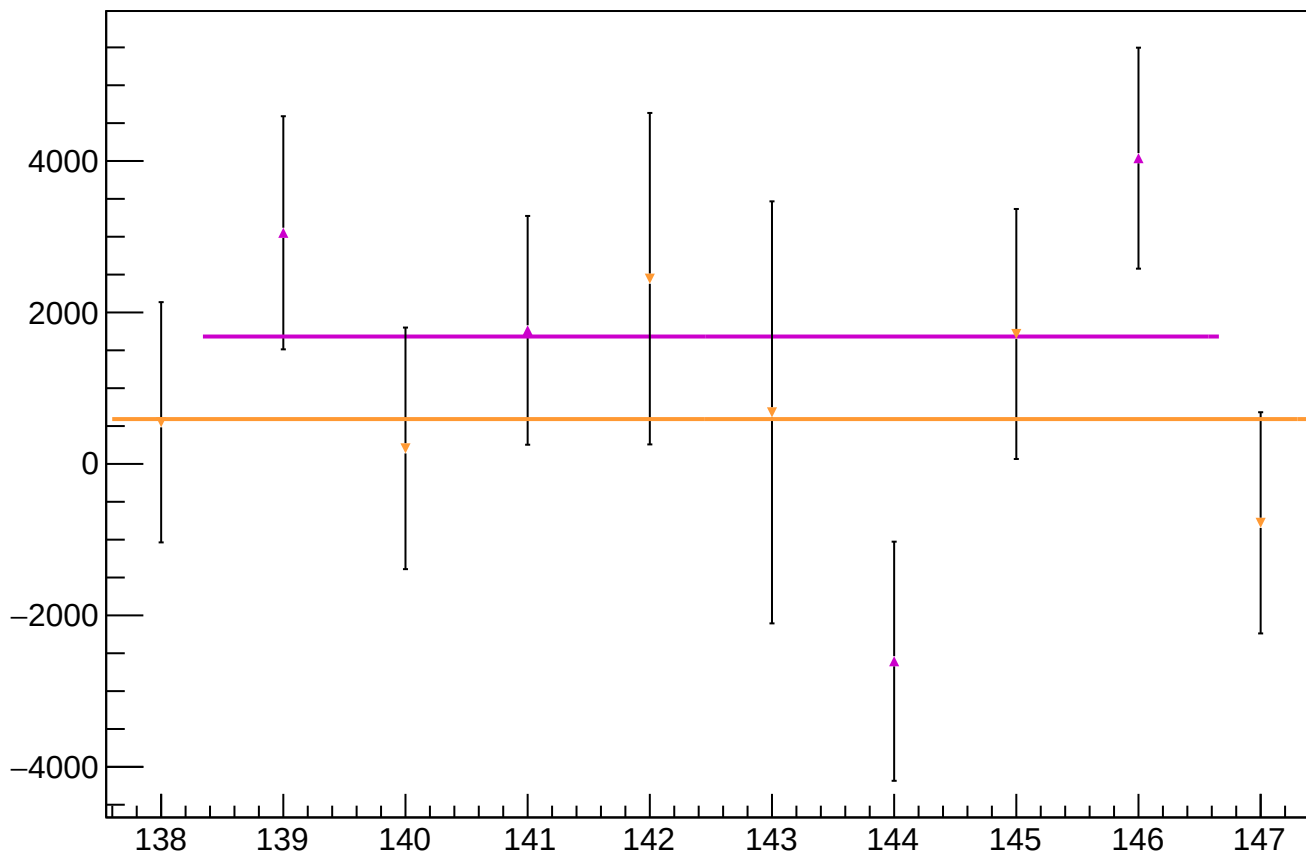
Left In: 5181.974+/-2.029 χ^2/NDF : 63347.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4696.200+/-1.239 χ^2/NDF : 521063.8/9

- 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: 592.149+/-713.554 χ^2/NDF : 2.1/5

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

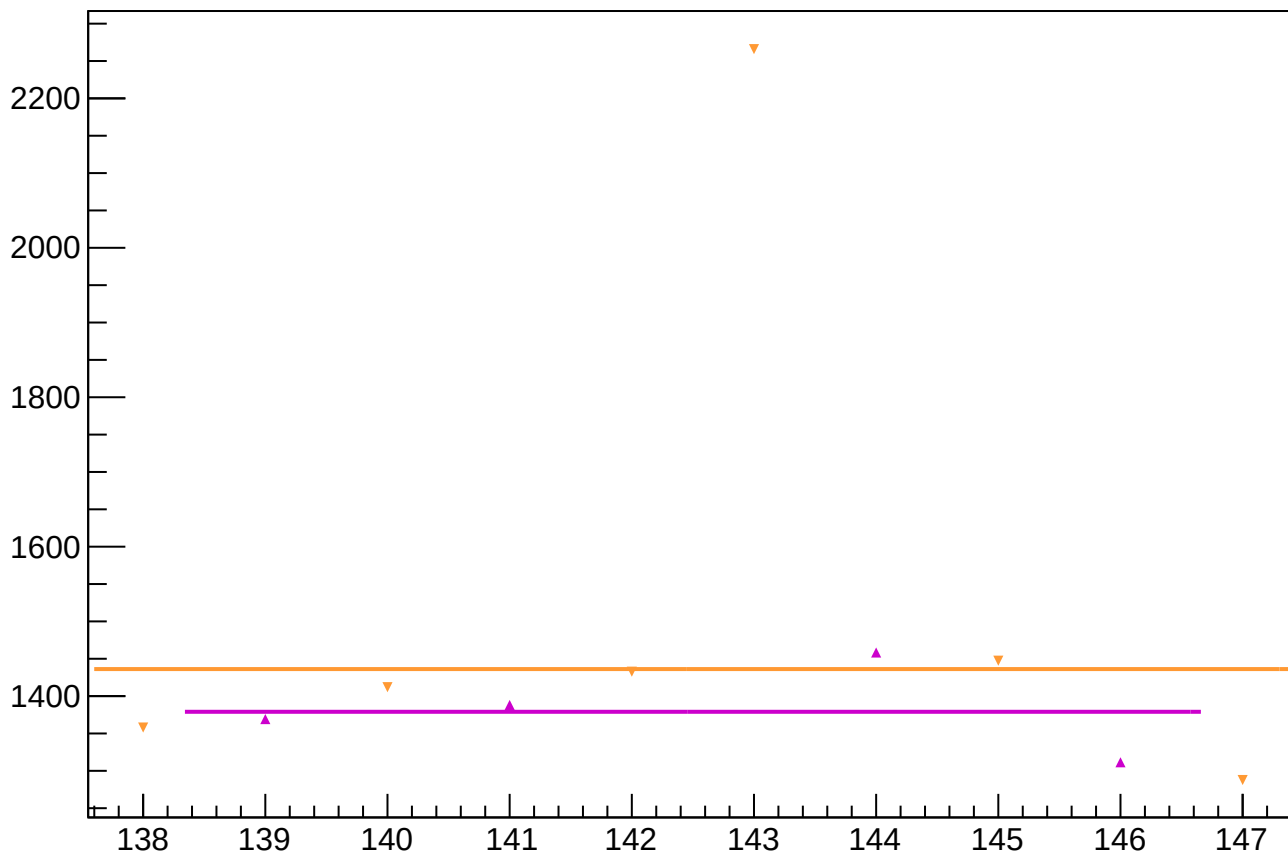
Left In: 1682.288+/-759.976 χ^2/NDF : 10.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.909+/-520.196 χ^2/NDF : 14.0/9

- 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: 1436.199+/-0.505 χ^2/NDF : 203439.2/5

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

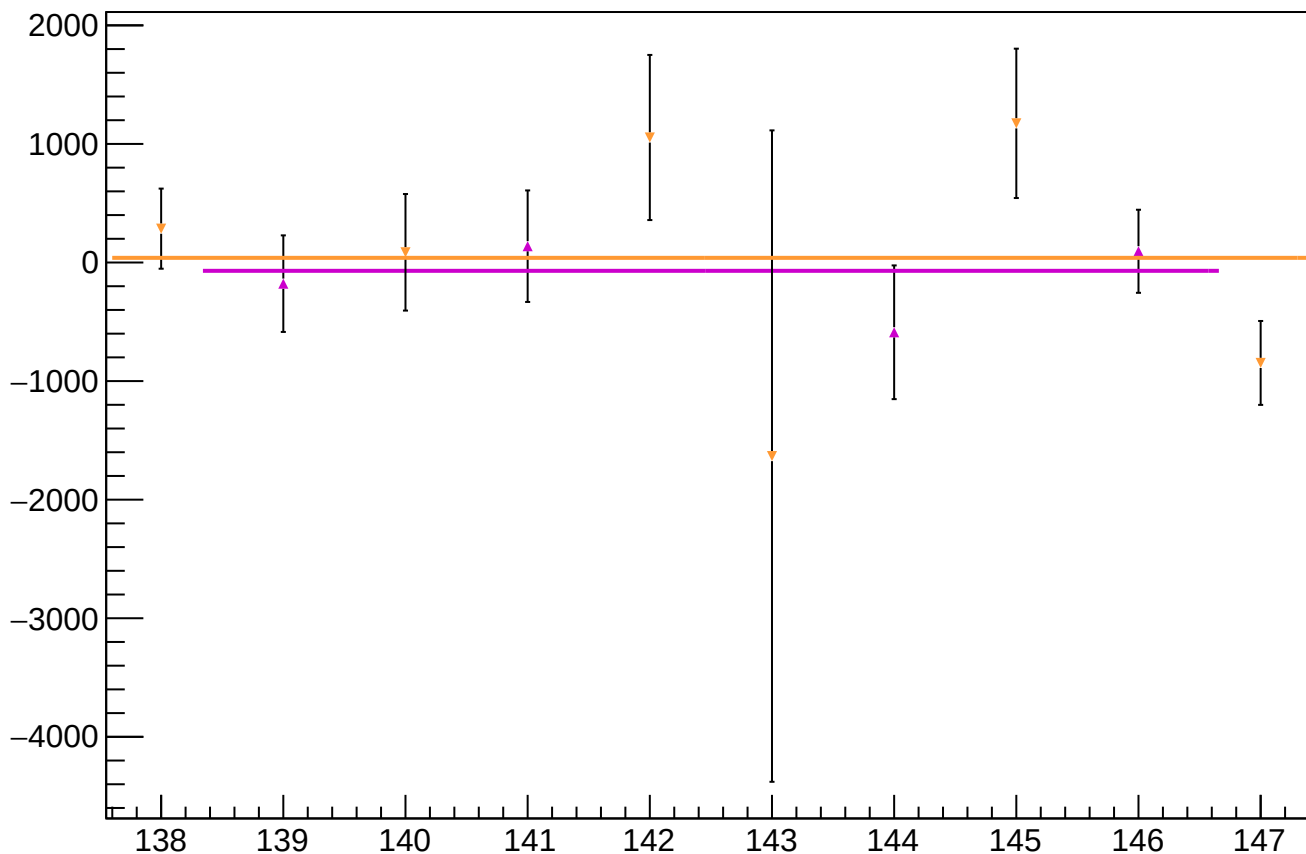
Left In: 1379.029+/-0.537 χ^2/NDF : 9496.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1409.414+/-0.368 χ^2/NDF : 218951.1/9

- 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: 39.382+/-197.619 χ^2/NDF :12.6/5

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

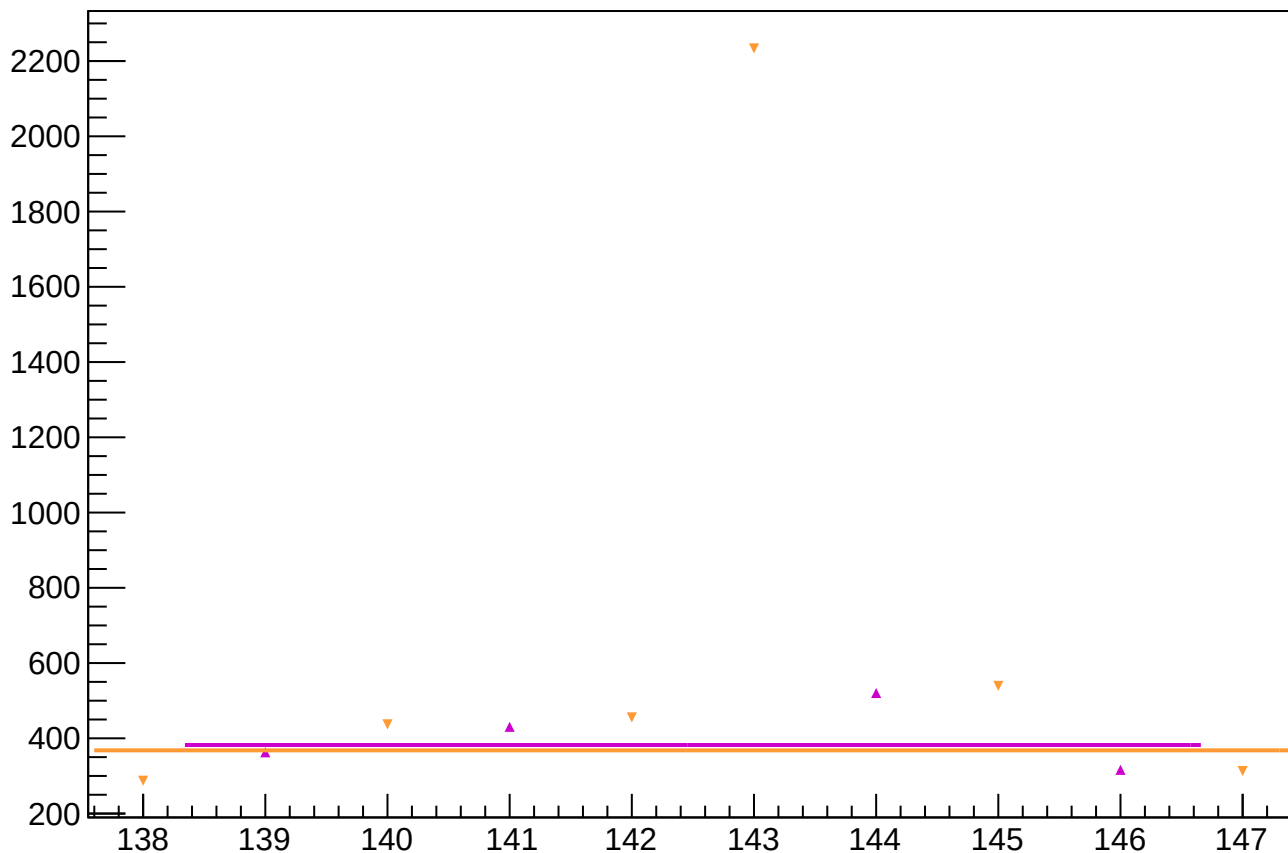
Left In: -70.121+/-213.945 χ^2/NDF :1.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.033+/-145.167 χ^2/NDF : 14.0/9

- 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: 368.025+/-0.140 χ^2/NDF :1304040.2/5

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

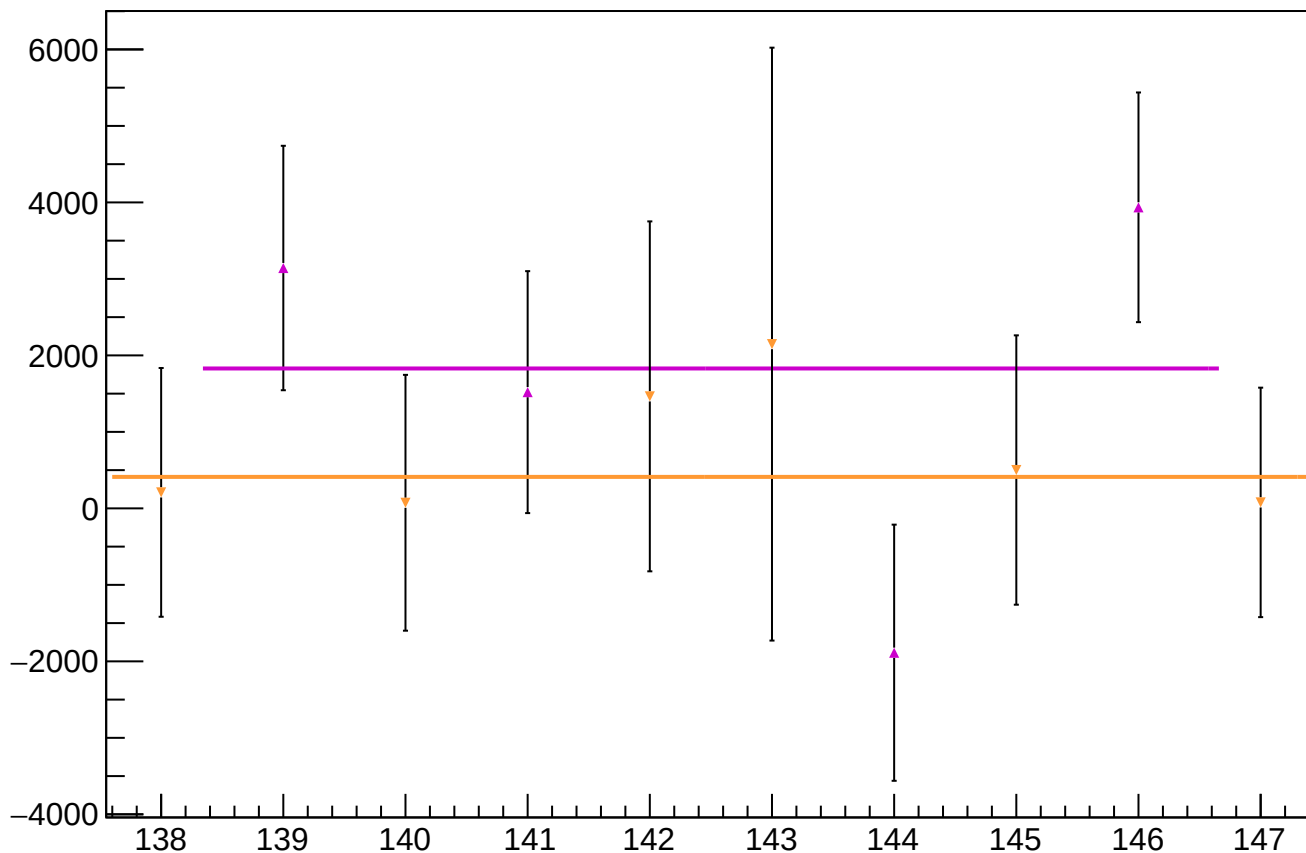
Left In: 382.215+/-0.151 χ^2/NDF :216810.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.558+/-0.103 χ^2/NDF : 1525597.4/9

- 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: 411.549+/-753.678 χ^2/NDF : 0.5/5

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

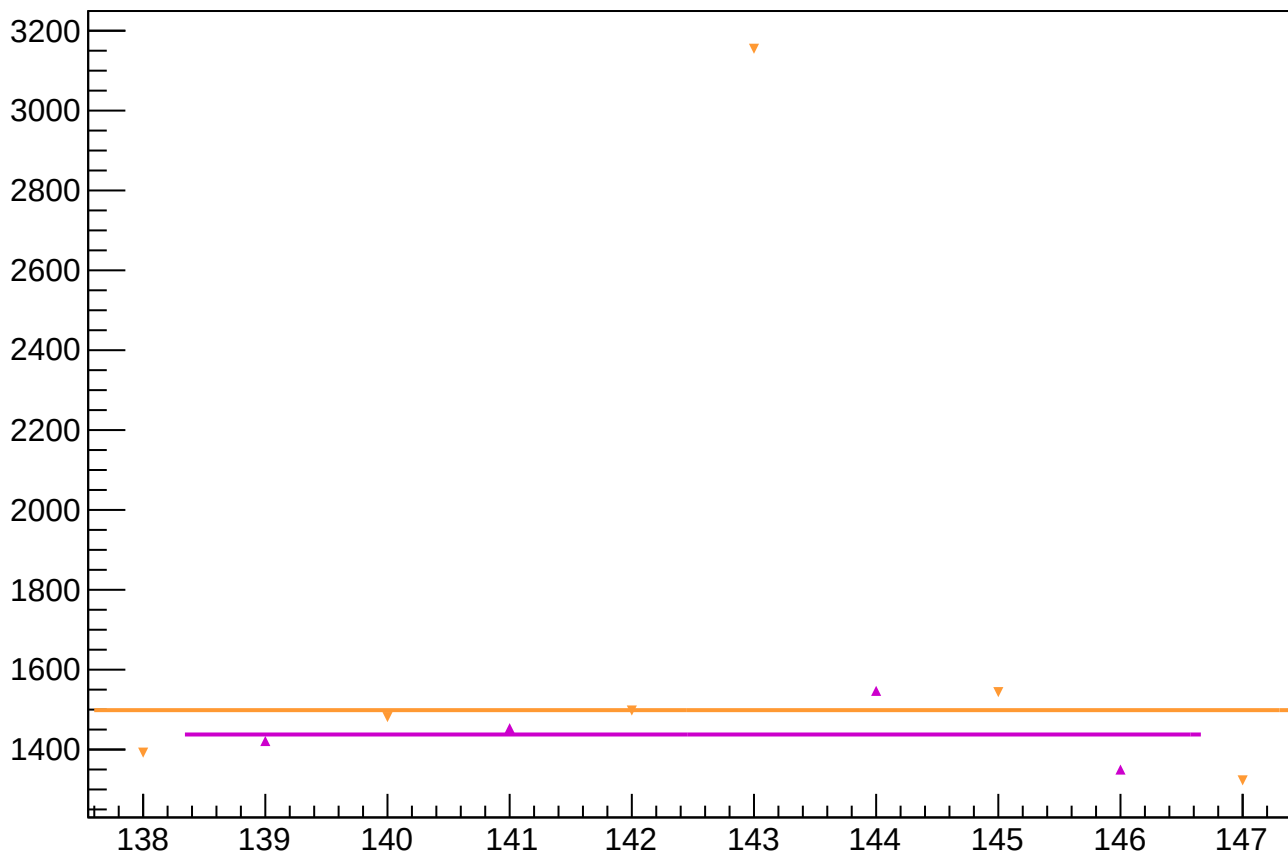
Left In: 1828.923+/-792.632 χ^2/NDF : 7.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.552+/-546.183 χ^2/NDF : 9.8/9

- 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: 1498.624+/-0.533 χ^2/NDF :402822.6/5

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

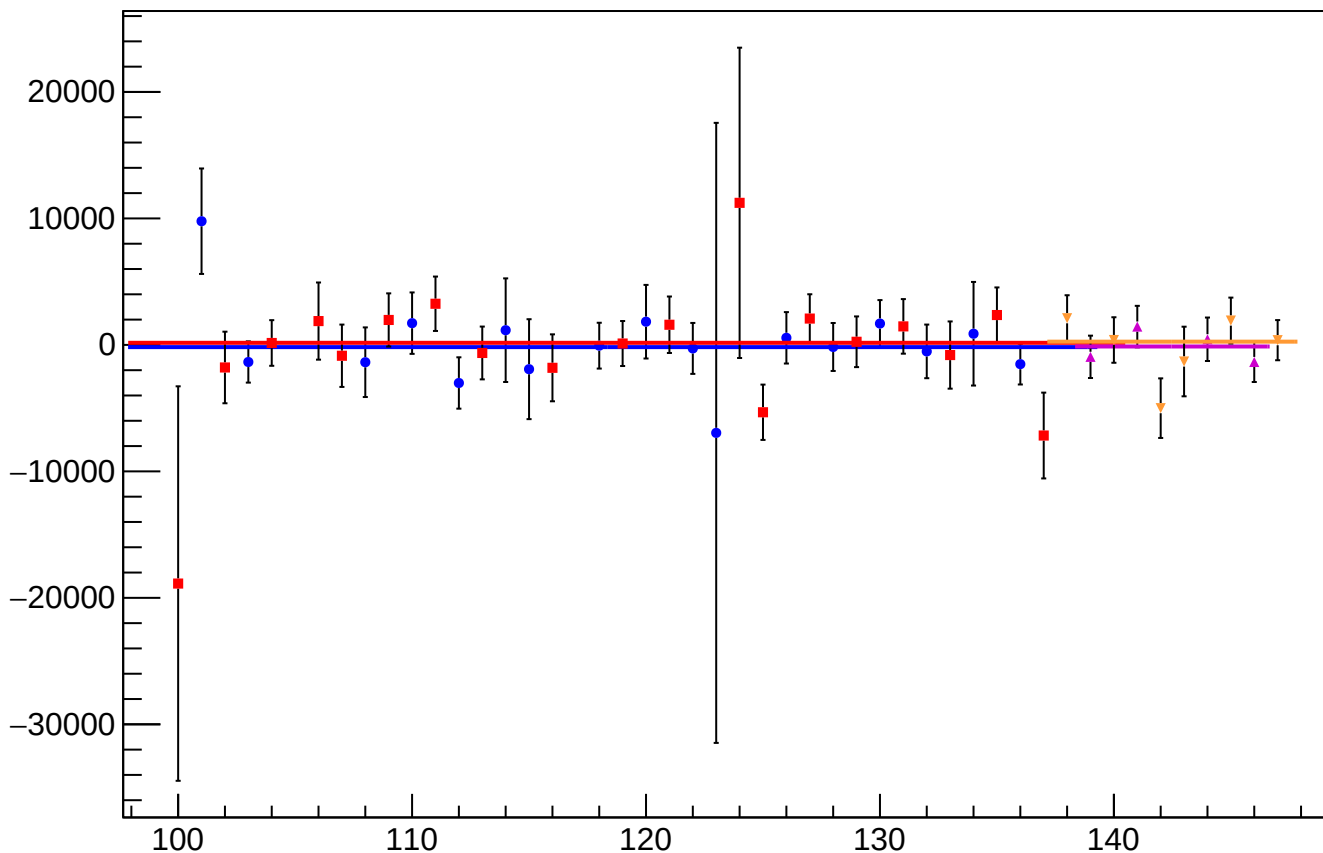
Left In: 1437.661+/-0.560 χ^2/NDF :15766.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1469.677+/-0.386 χ^2/NDF : 424802.6/9

- 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: 256.726 ± 784.591 χ^2/NDF : 7.2/5

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

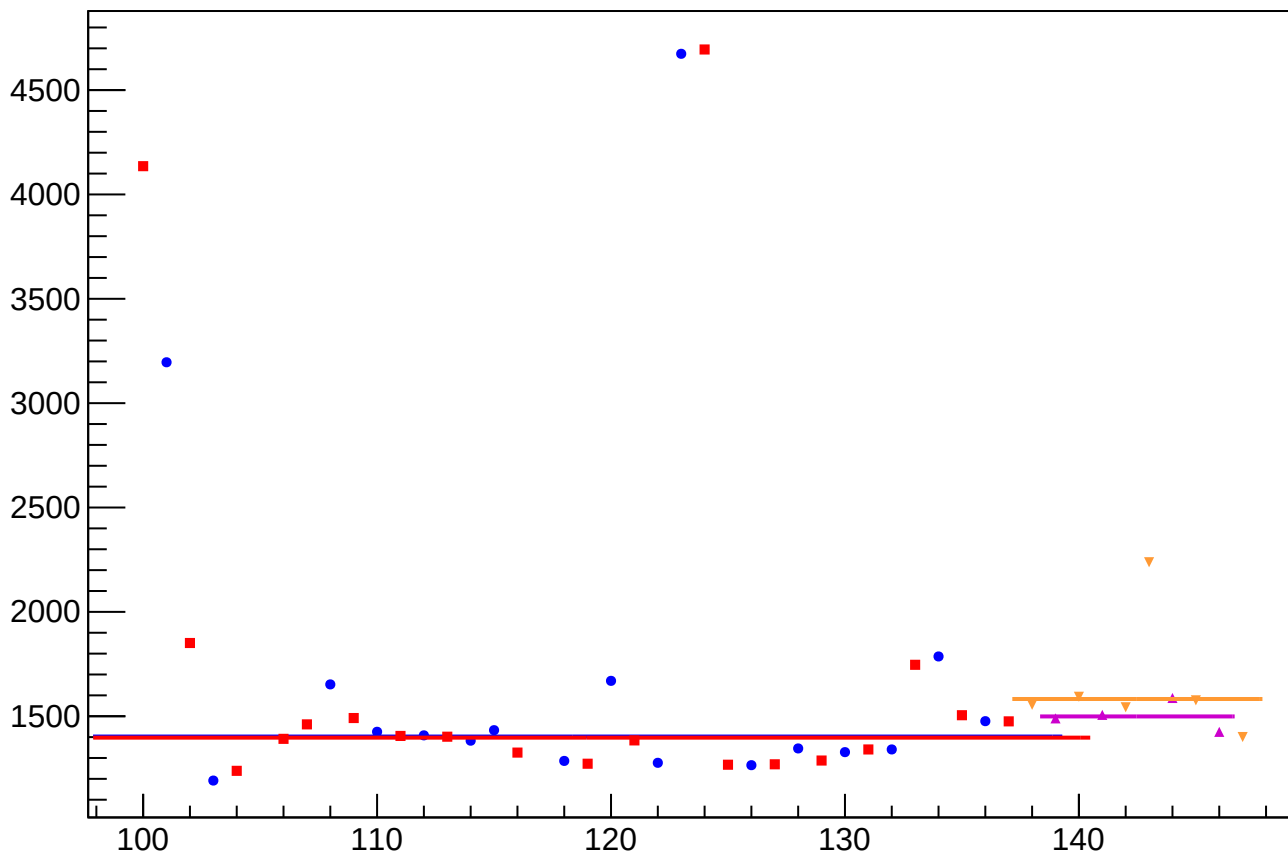
Left In: -125.786 ± 826.039 χ^2/NDF : 1.9/3

+ sign -31.031 ± 452.912 χ^2/NDF : 19.2/22

All: 23.524 ± 319.952 χ^2/NDF : 41.8/45

- sign 77.871 ± 452.048 χ^2/NDF : 22.6/22

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1402.709+/-0.392 χ^2/NDF : 526326.4/16

Left Out: 1582.603+/-0.555 χ^2/NDF : 140827.0/5

Right Out: 1397.442+/-0.382 χ^2/NDF : 353365.4/18

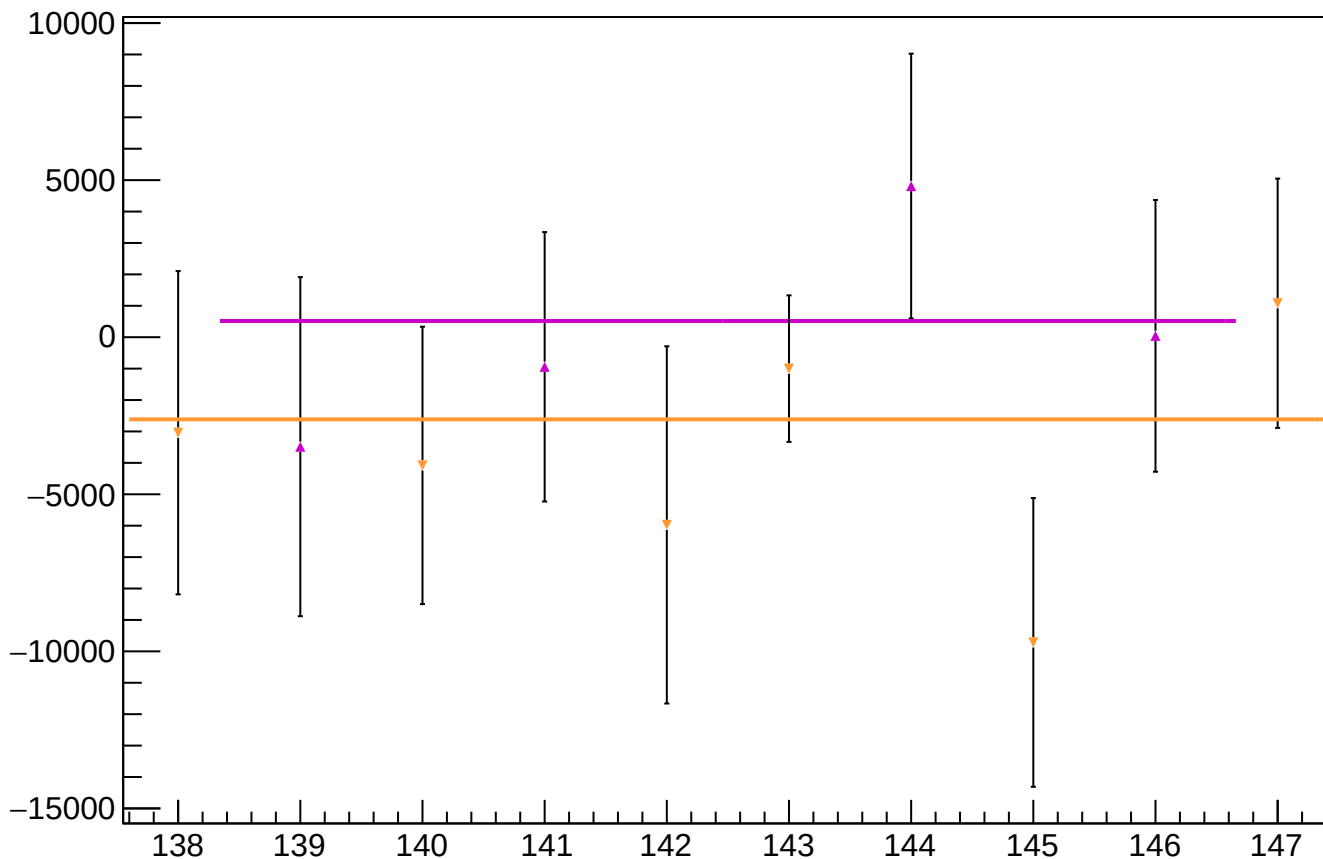
Left In: 1499.060+/-0.584 χ^2/NDF : 9752.1/3

+ sign 1462.654+/-0.320 χ^2/NDF : 737259.8/22

All: 1445.212+/-0.226 χ^2/NDF : 1127505.9/45

- sign 1427.850+/-0.320 χ^2/NDF : 384327.4/22

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

Left Out: -2614.837+/-1552.871 χ^2/NDF : 4.2/5

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

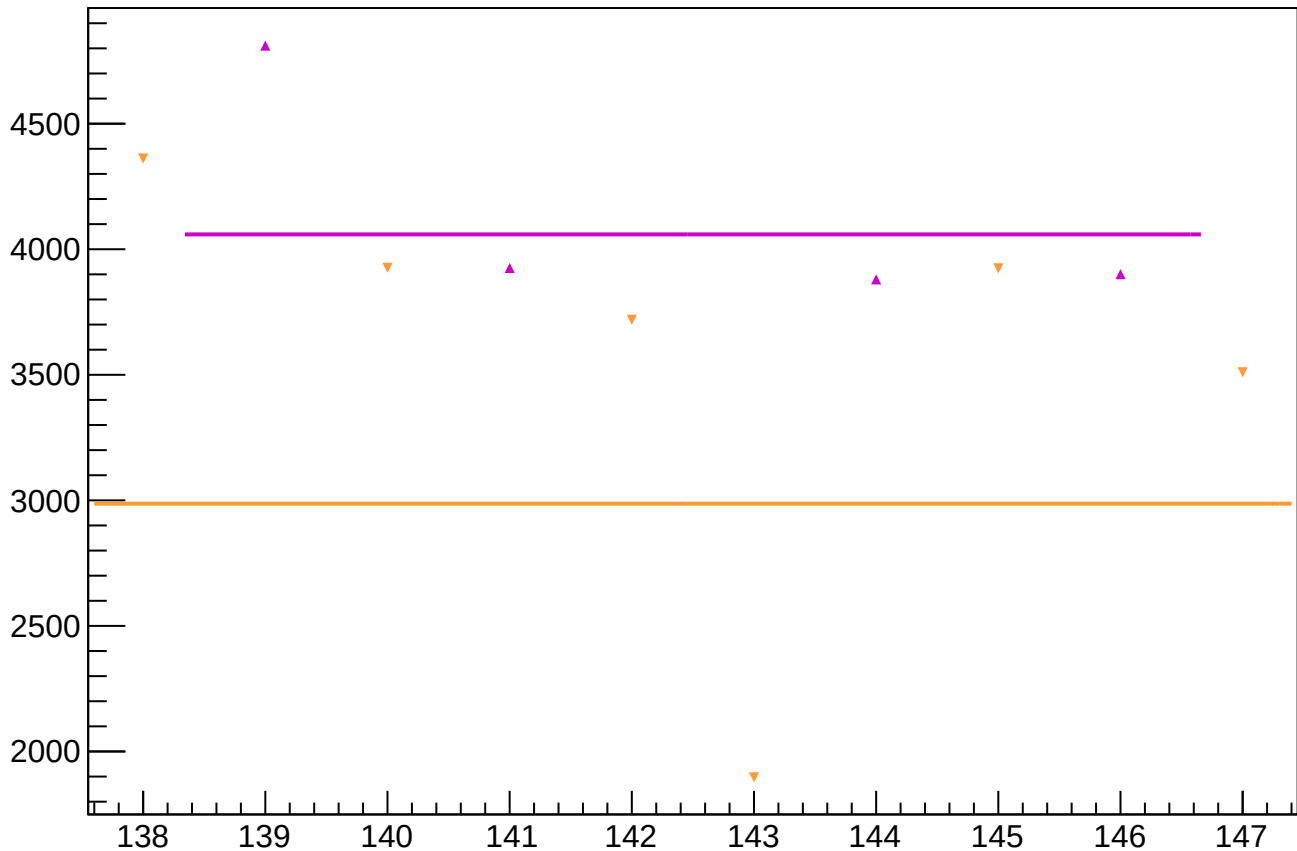
Left In: 515.623+/-2244.785 χ^2/NDF : 1.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1601.636+/-1277.081 χ^2/NDF : 7.2/9

- 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: 2986.781+/-1.098 χ^2/NDF : 821216.4/5

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

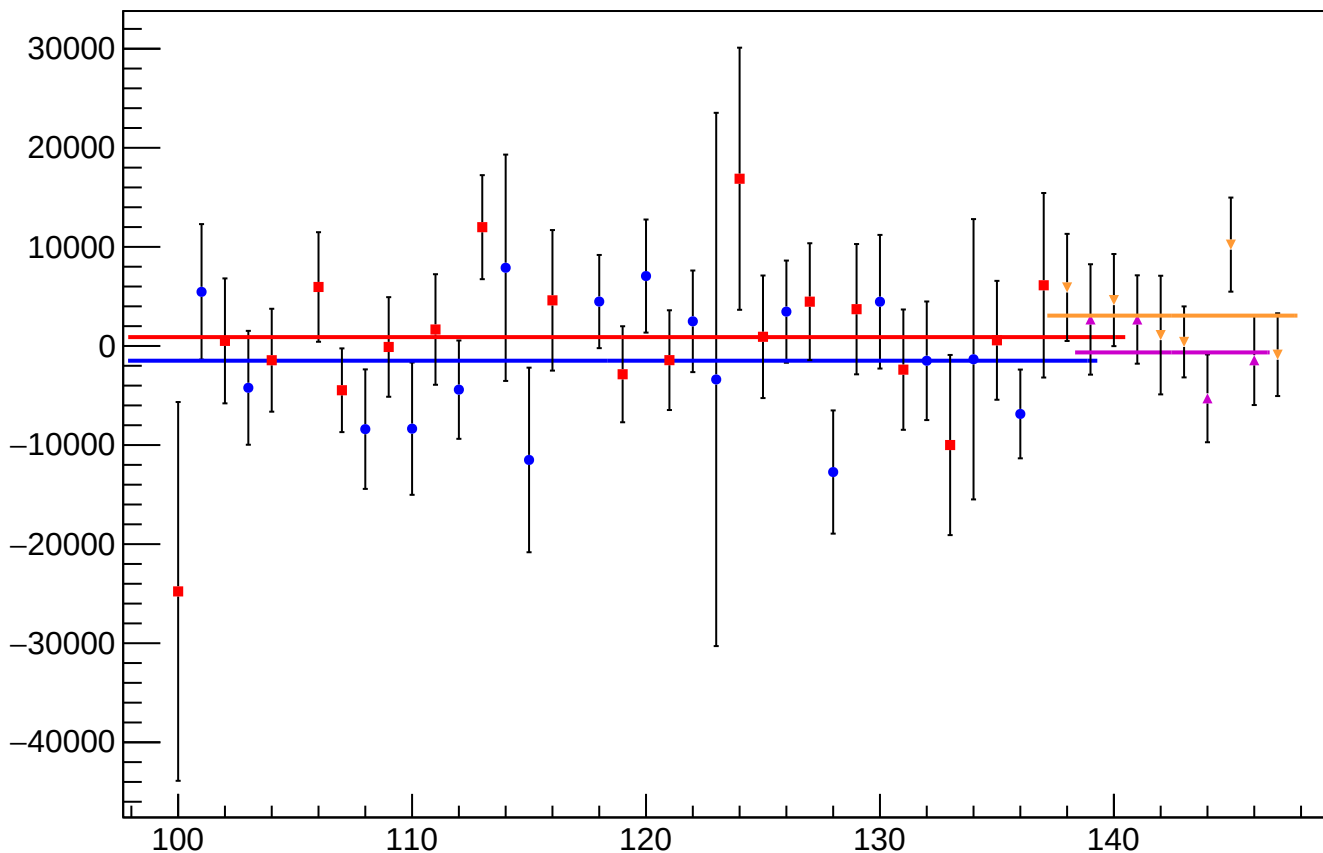
Left In: 4059.100+/-1.587 χ^2/NDF : 47027.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3333.847+/-0.903 χ^2/NDF : 1176913.7/9

- 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: 3064.381+/-1863.398 χ^2/NDF : 4.2/5

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

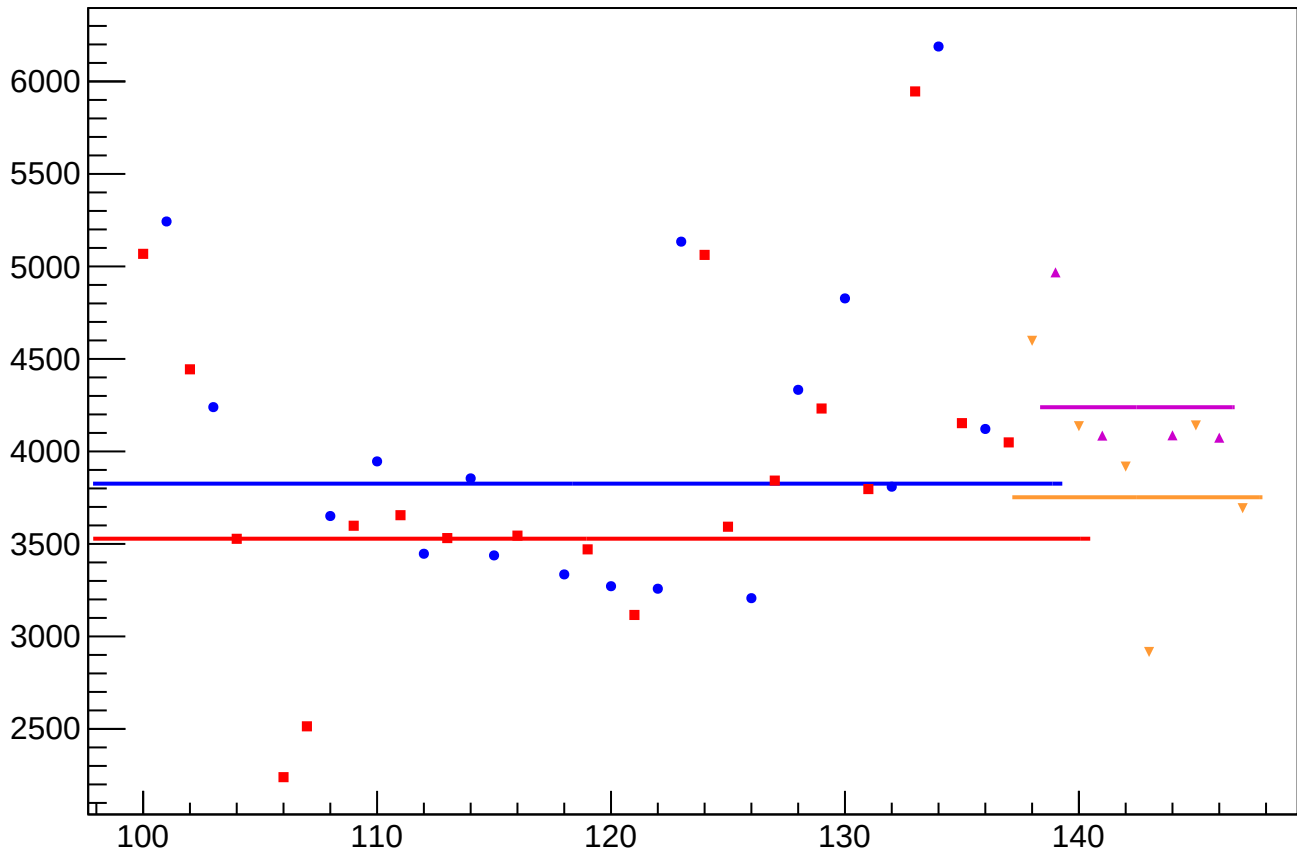
Left In: -651.079+/-2342.142 χ^2/NDF : 2.0/3

+ sign 301.308+/-1168.041 χ^2/NDF : 24.5/22

All: 397.190+/-832.989 χ^2/NDF : 41.0/45

- sign 496.421+/-1188.268 χ^2/NDF : 16.5/22

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 3752.291+/-1.318 χ^2/NDF : 186883.3/5

+ sign 3796.944+/-0.826 χ^2/NDF : 523179.4/22

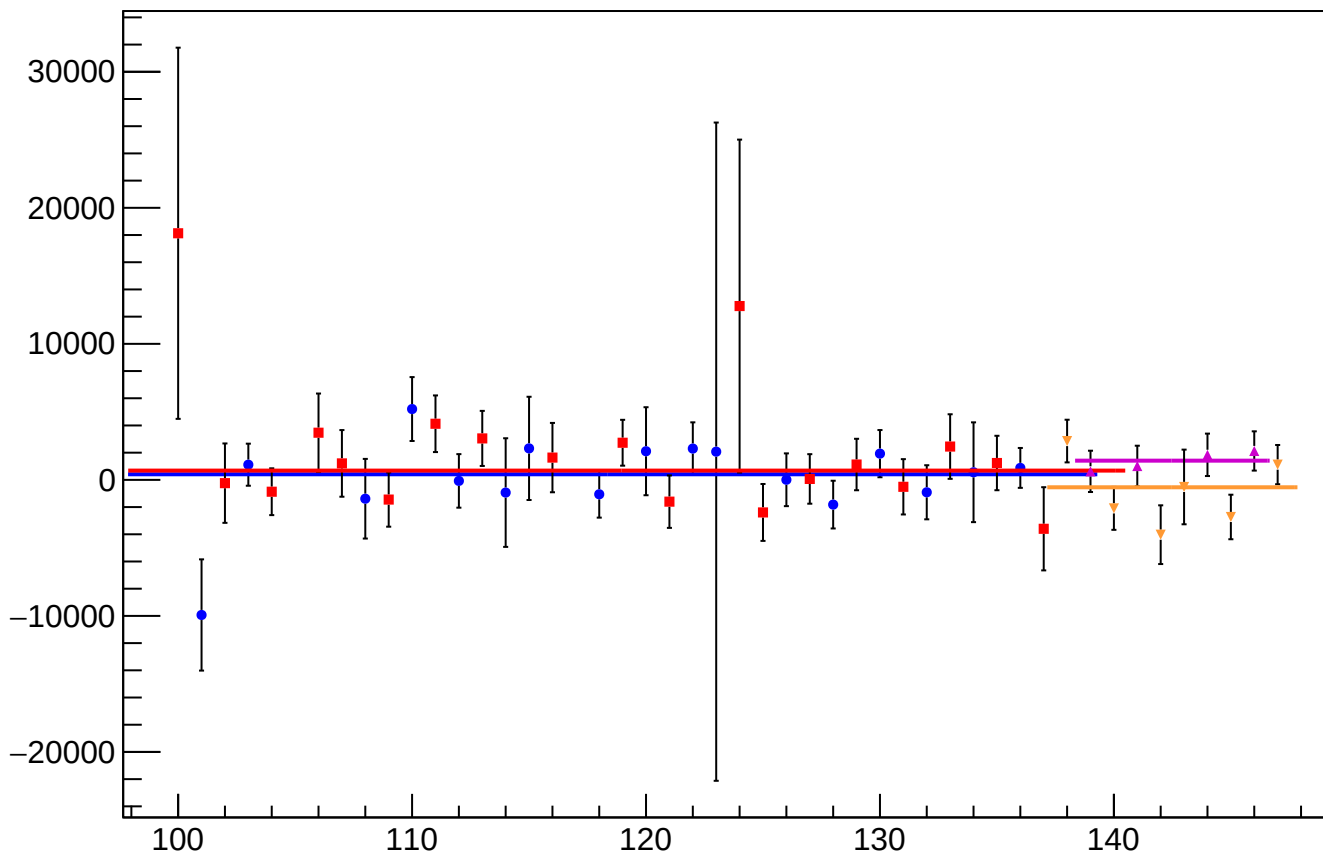
Right Out: 3528.289+/-0.966 χ^2/NDF : 555414.1/18

All: 3753.306+/-0.587 χ^2/NDF : 1263230.7/45

- sign 3708.751+/-0.835 χ^2/NDF : 734409.3/22

Left In: 4238.991+/-1.656 χ^2/NDF : 41602.6/3

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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

Left Out: -544.435+/-705.452 χ^2/NDF : 11.4/5

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

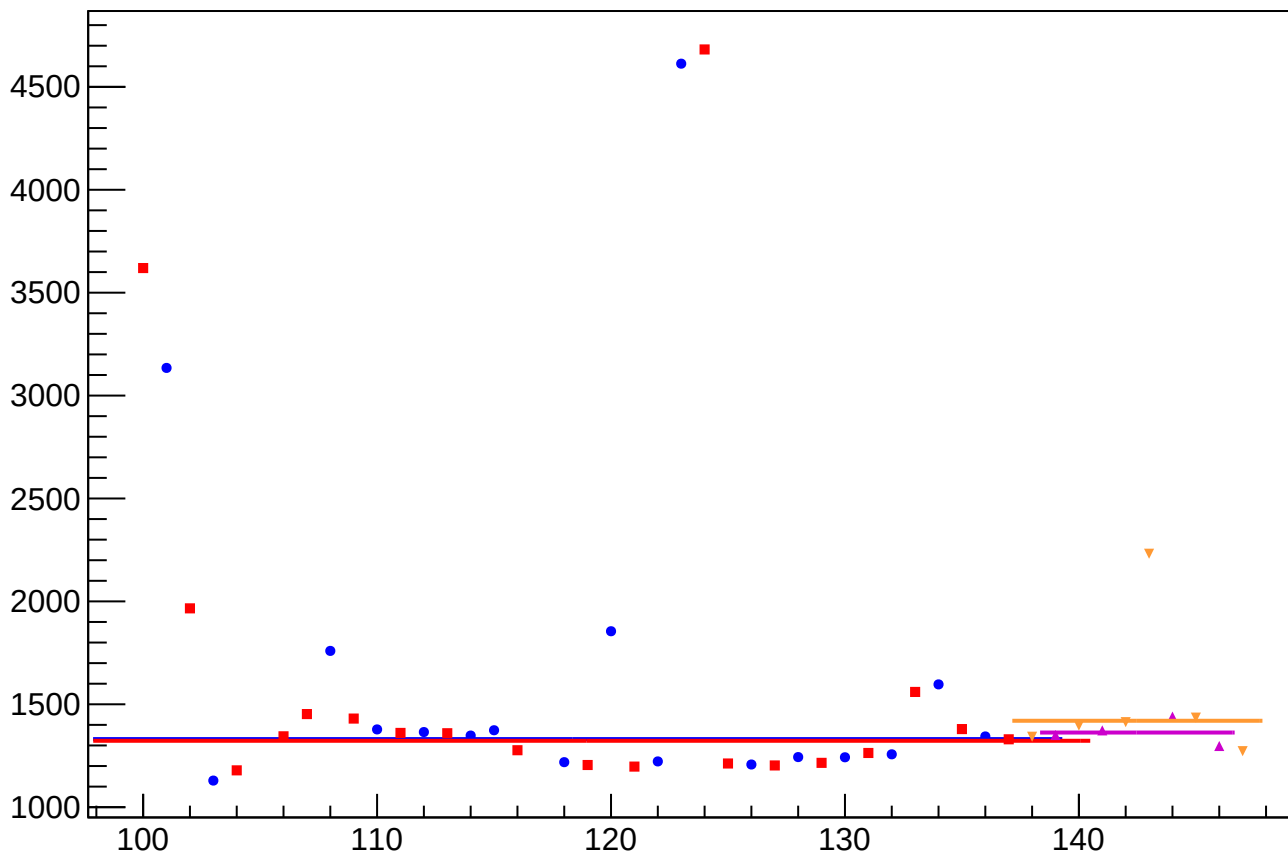
Left In: 1412.760+/-750.962 χ^2/NDF : 0.7/3

+ sign 68.235+/-422.703 χ^2/NDF : 29.1/22

All: 491.255+/-298.652 χ^2/NDF : 50.4/45

- sign 912.898+/-422.014 χ^2/NDF : 19.3/22

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: 1419.934 $\pm$ 0.499 χ^2 /NDF: 201403.7/5

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

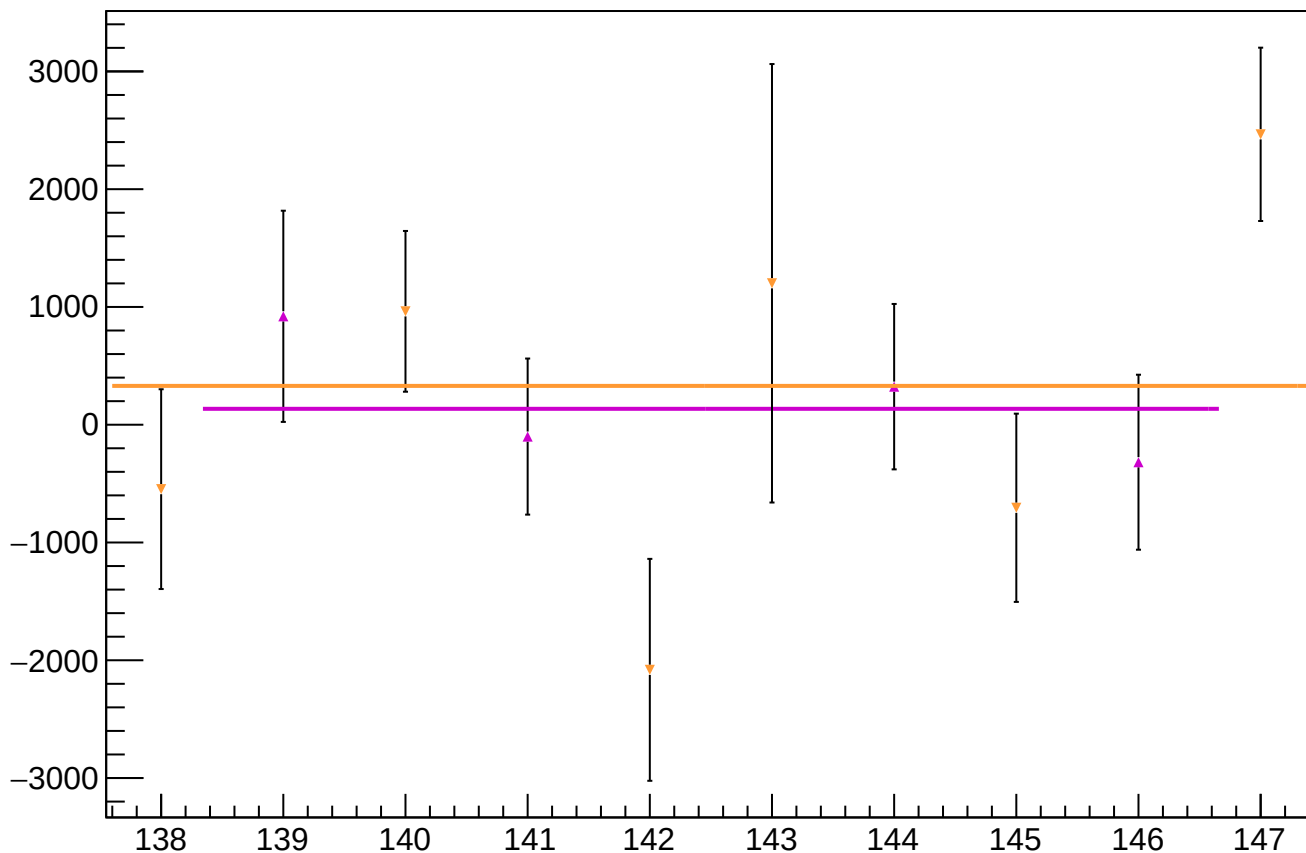
Left In: 1362.727 $\pm$ 0.531 χ^2 /NDF: 9270.9/3

+ sign 1362.859 $\pm$ 0.299 χ^2 /NDF: 825302.4/22

All: 1349.079 $\pm$ 0.211 χ^2 /NDF: 1237117.4/45

- sign 1335.345 $\pm$ 0.298 χ^2 /NDF: 407571.0/22

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

Left Out: 329.714+/-345.772 χ^2/NDF :18.8/5

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

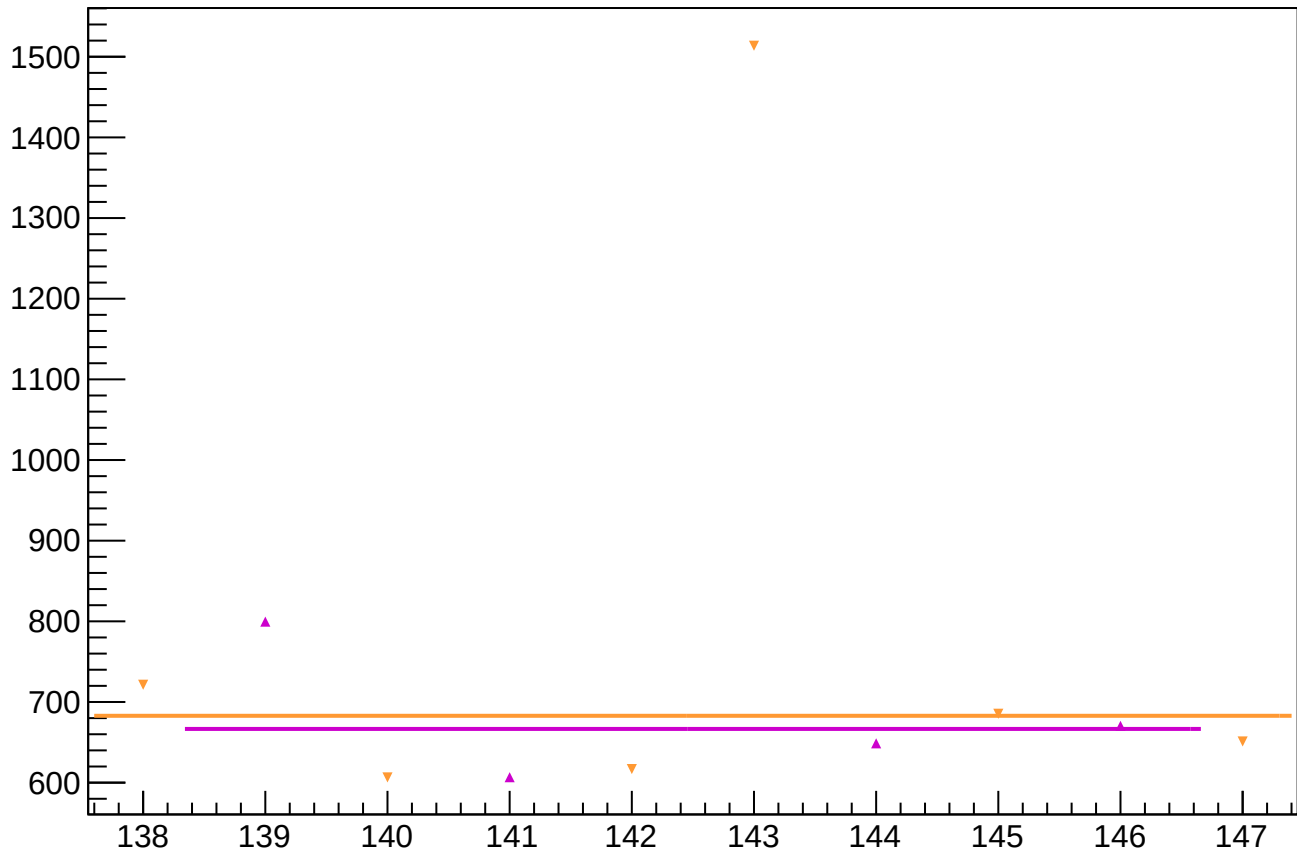
Left In: 135.075+/-368.601 χ^2/NDF :1.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.608+/-252.182 χ^2/NDF : 20.3/9

- 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: 682.888+/-0.244 χ^2/NDF : 441075.7/5

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

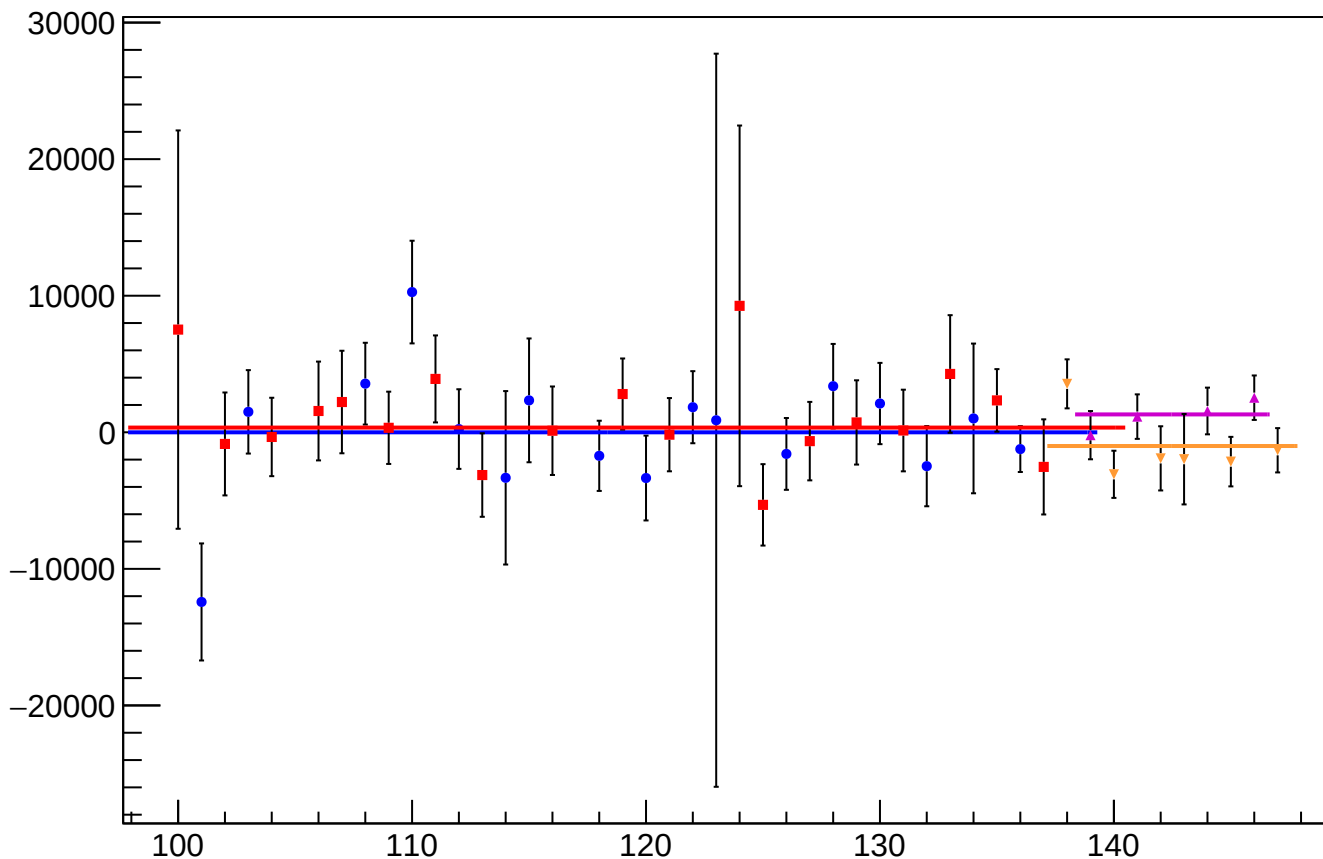
Left In: 666.597+/-0.261 χ^2/NDF : 61692.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 675.263+/-0.178 χ^2/NDF : 504846.8/9

- 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: -1005.065+/-789.947 χ^2/NDF : 8.5/5

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

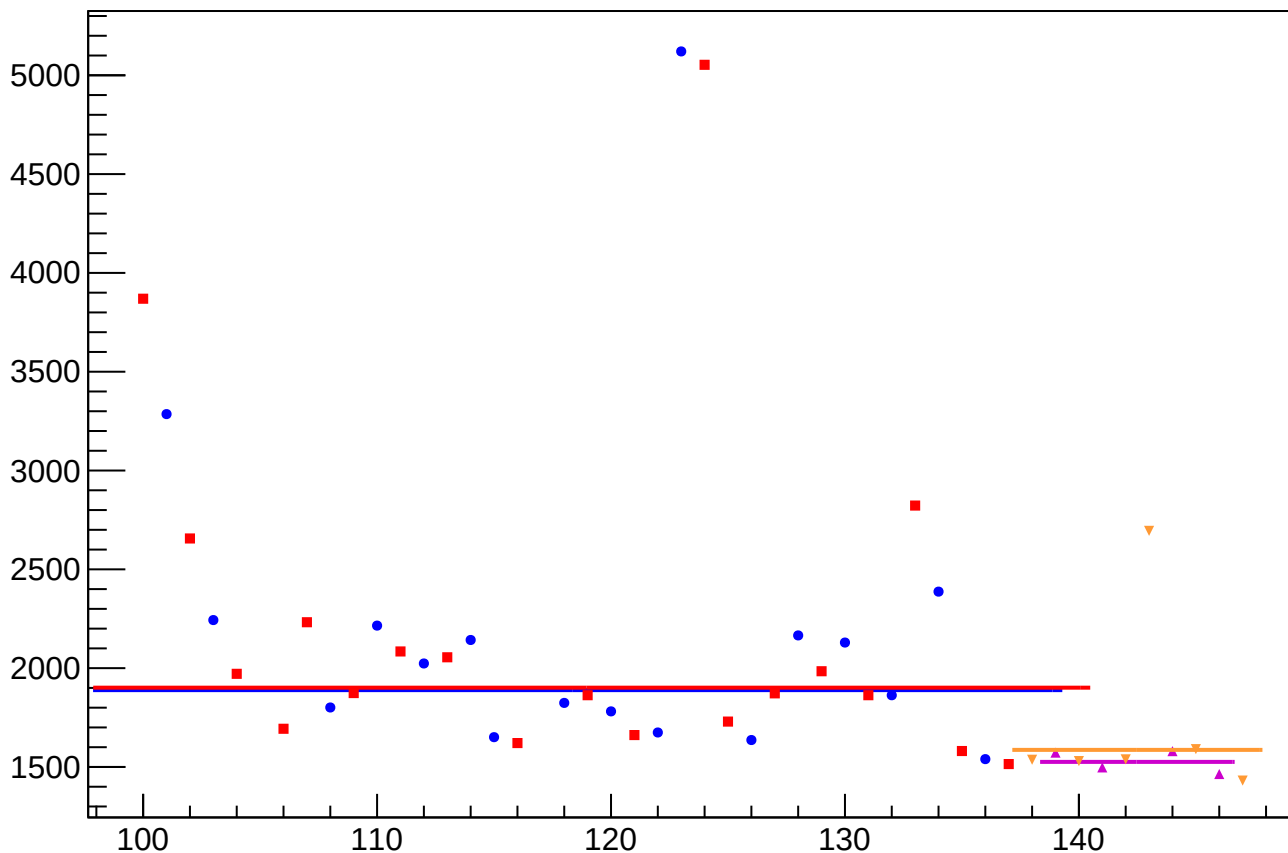
Left In: 1309.224+/-840.274 χ^2/NDF : 1.3/3

+ sign -474.335+/-542.011 χ^2/NDF : 32.9/22

All: 131.896+/-386.976 χ^2/NDF : 48.2/45

- sign 762.221+/-552.677 χ^2/NDF : 12.8/22

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1586.440+/-0.559 χ^2/NDF : 246942.8/5

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

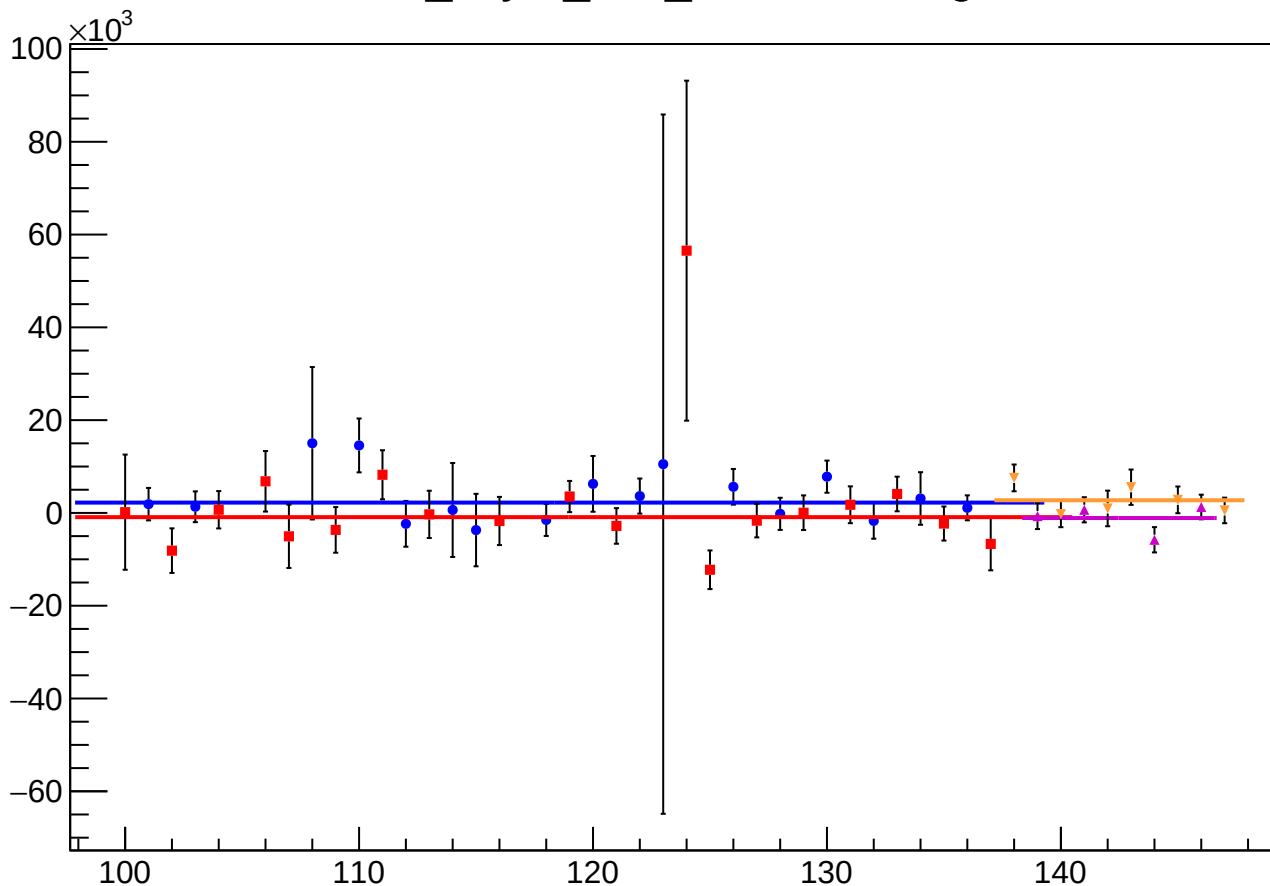
Left In: 1525.662+/-0.594 χ^2/NDF : 6863.4/3

+ sign 1746.460+/-0.383 χ^2/NDF : 867863.4/22

All: 1742.688+/-0.274 χ^2/NDF : 1563069.6/45

- sign 1738.767+/-0.391 χ^2/NDF : 695008.6/22

dit_asym_atl1_mean vs Slug



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

Left Out: 2730.228 $\pm$ 1255.282 χ^2/NDF : 5.3/5

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

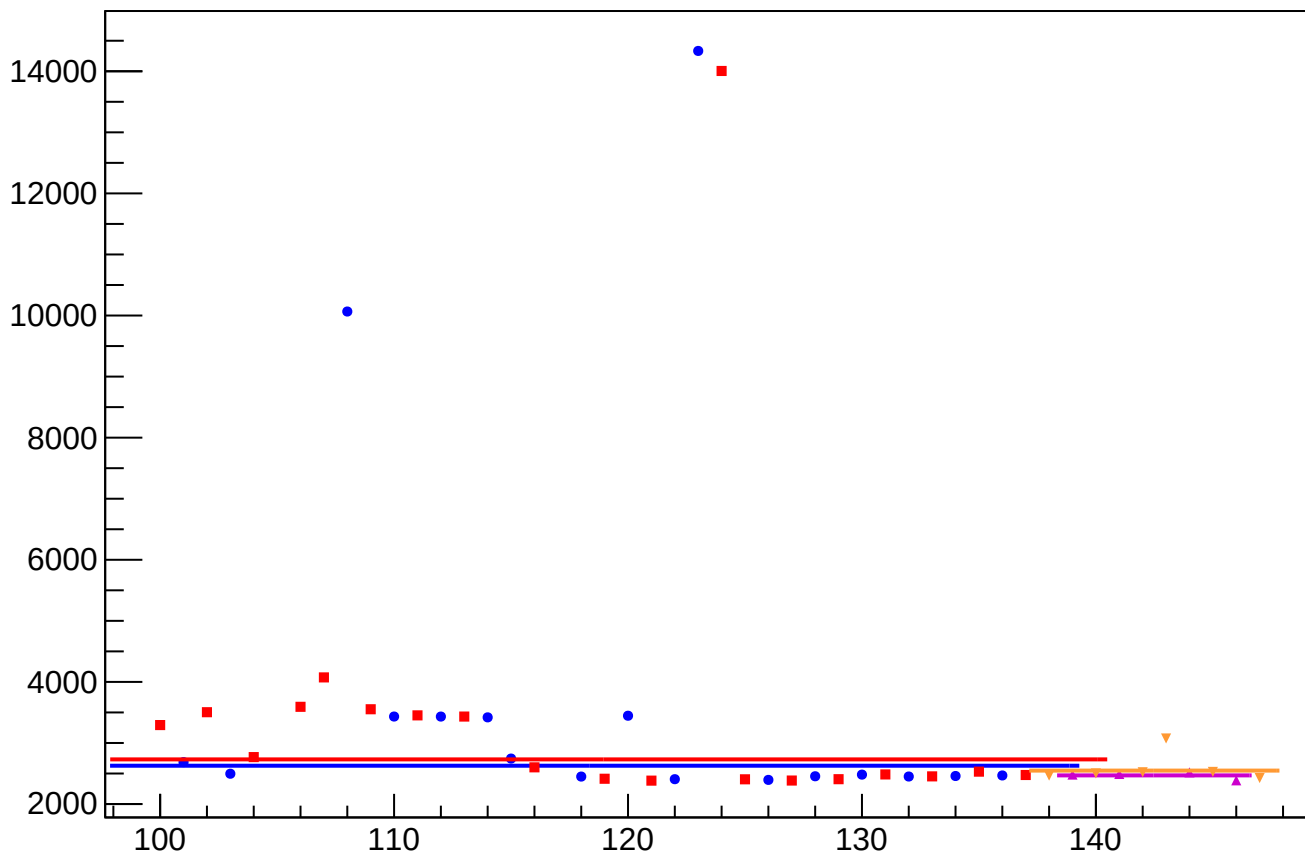
Left In: -1097.504 $\pm$ 1359.869 χ^2/NDF : 4.2/3

+ sign 2431.967 $\pm$ 800.525 χ^2/NDF : 18.9/22

All: 787.455 $\pm$ 576.041 χ^2/NDF : 54.8/45

- sign -978.415 $\pm$ 829.537 χ^2/NDF : 27.1/22

dit_asym_atl1_rms vs Slug



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

Left Out: 2547.802+/-0.888 χ^2/NDF : 44331.8/5

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

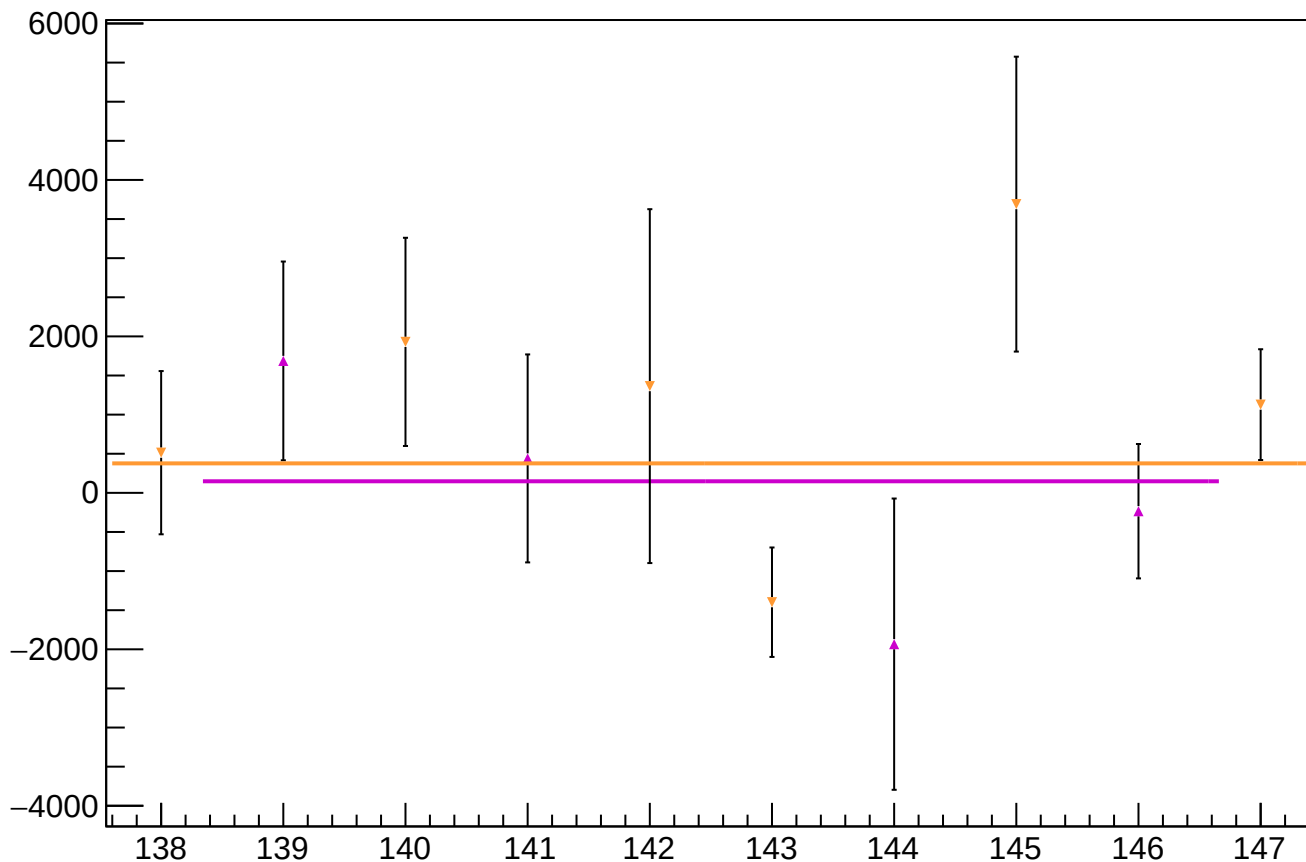
Left In: 2469.232+/-0.962 χ^2/NDF : 2701.8/3

+ sign 2595.129+/-0.566 χ^2/NDF : 693520.1/22

All: 2613.758+/-0.407 χ^2/NDF : 1343303.6/45

- sign 2633.762+/-0.587 χ^2/NDF : 647537.4/22

asym_atl1_correction_mean vs Slug



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

Left Out: 376.799+/-408.278 χ^2/NDF : 12.2/5

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

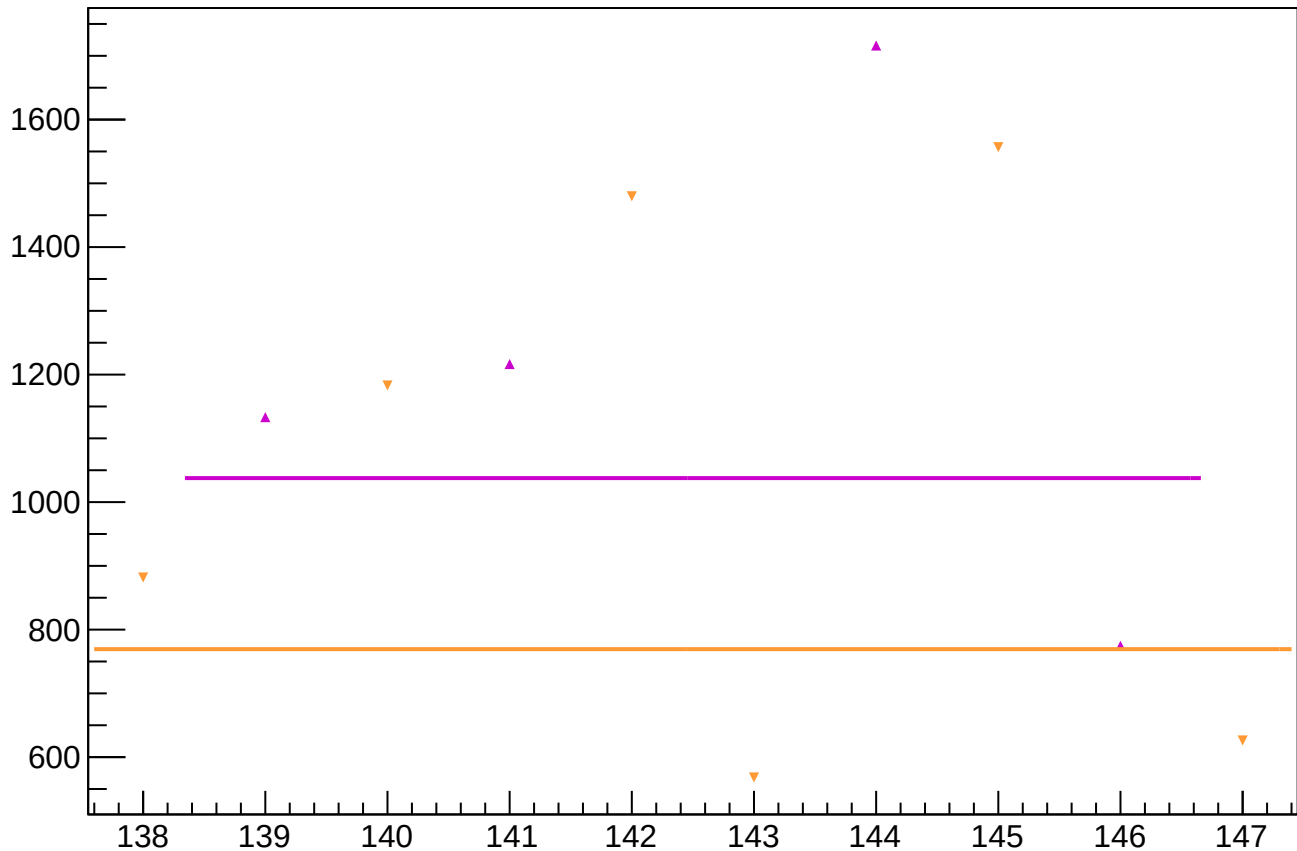
Left In: 147.889+/-594.499 χ^2/NDF : 3.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.437+/-336.555 χ^2/NDF : 15.3/9

- 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: 769.382+/-0.289 χ^2/NDF : 1010120.7/5

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

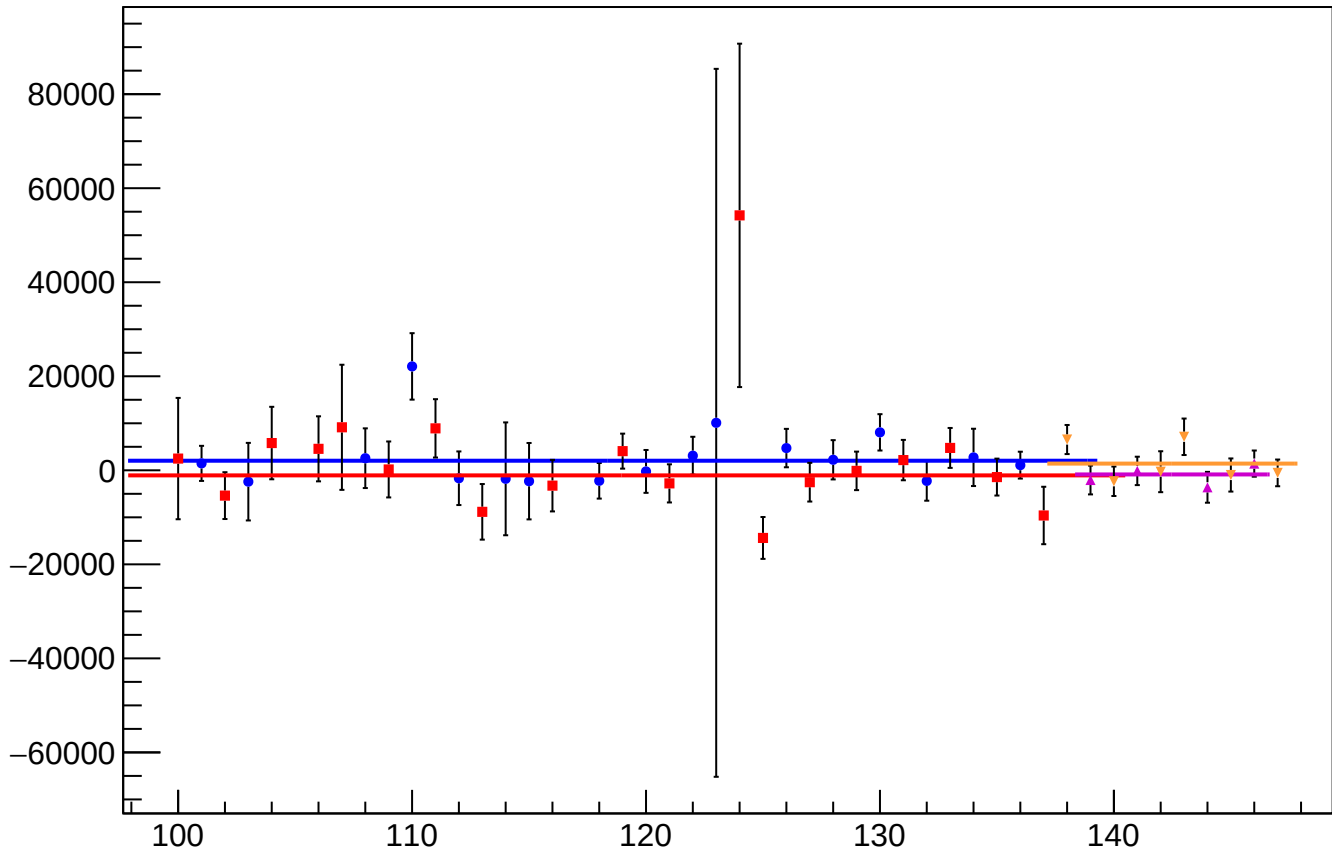
Left In: 1037.653+/-0.420 χ^2/NDF : 500639.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.359+/-0.238 χ^2/NDF : 1787501.5/9

- 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: 1425.986+/-1373.523 χ^2/NDF : 7.5/5

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

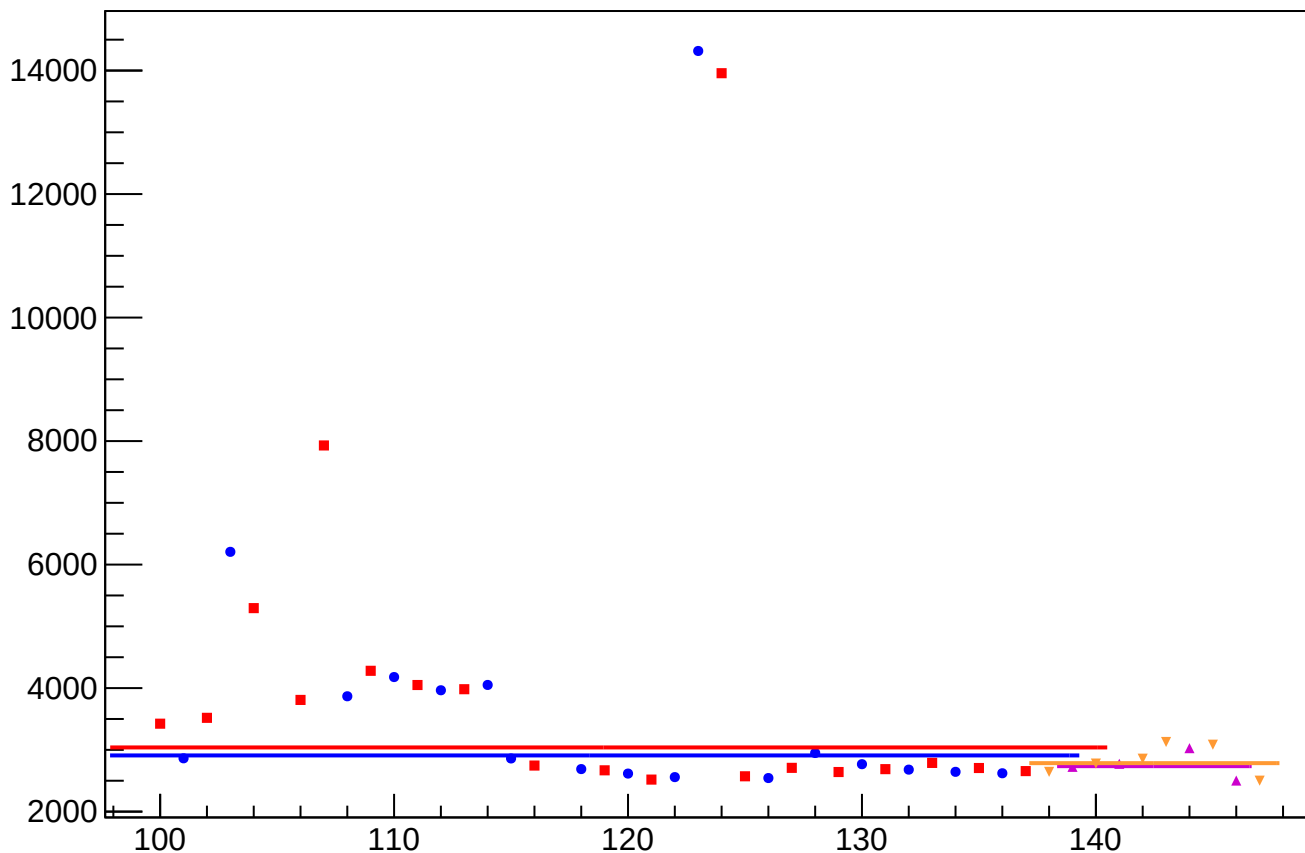
Left In: -878.778+/-1510.692 χ^2/NDF : 1.6/3

+ sign 1785.299+/-882.387 χ^2/NDF : 22.4/22

All: 468.969+/-641.150 χ^2/NDF : 54.1/45

- sign -1003.295+/-933.189 χ^2/NDF : 26.9/22

asym_atl1_rms vs Slug



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

Left Out: 2784.856+/-0.971 χ^2/NDF : 54680.9/5

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

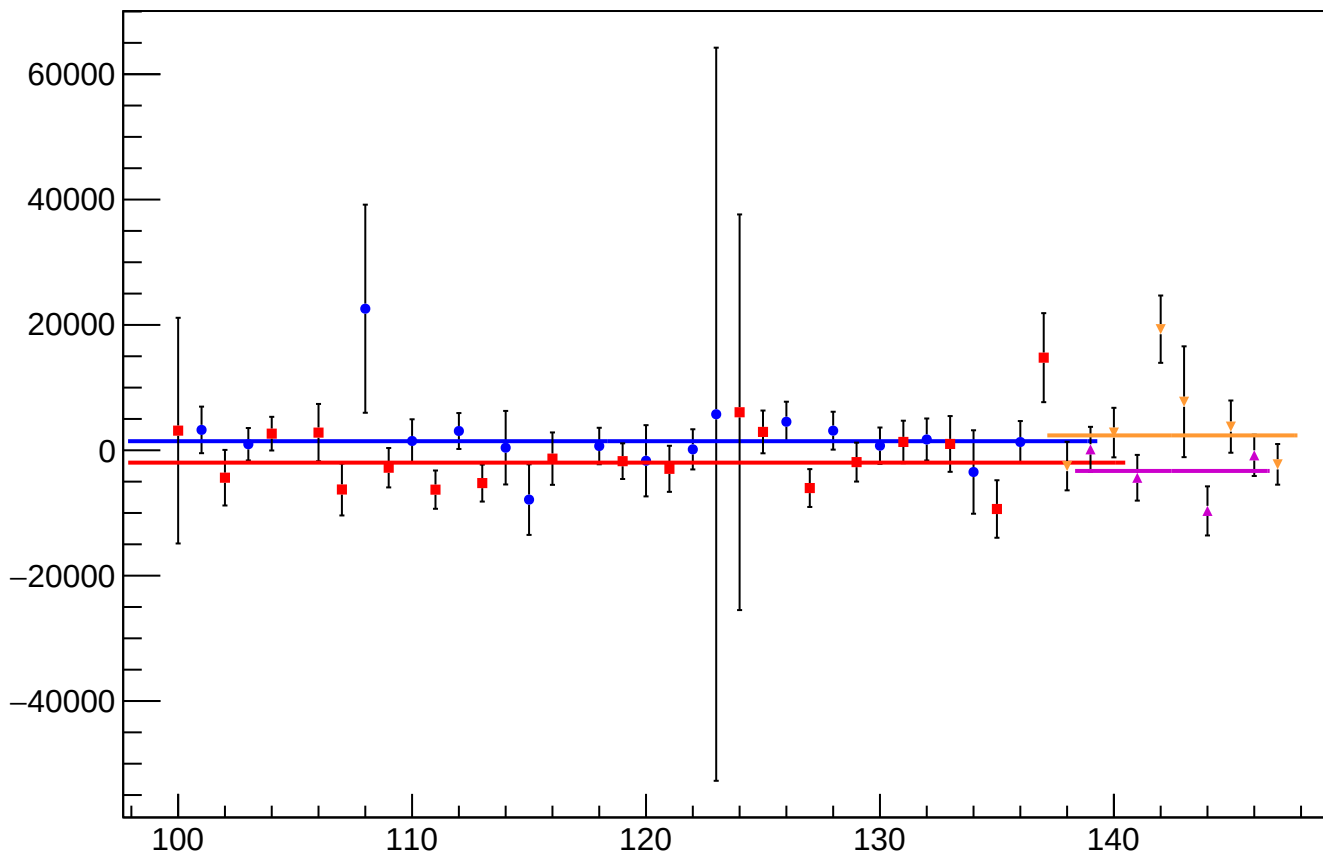
Left In: 2736.155+/-1.068 χ^2/NDF : 30175.5/3

+ sign 2858.194+/-0.624 χ^2/NDF : 706284.6/22

All: 2889.027+/-0.453 χ^2/NDF : 1802683.6/45

- sign 2923.513+/-0.660 χ^2/NDF : 1091225.7/22

dit_asym_atl2_mean vs Slug



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

Left Out: 2375.023+/-1738.190 χ^2/NDF :14.1/5

Right Out: -1969.182+/-850.490 χ^2/NDF : 22.4/18

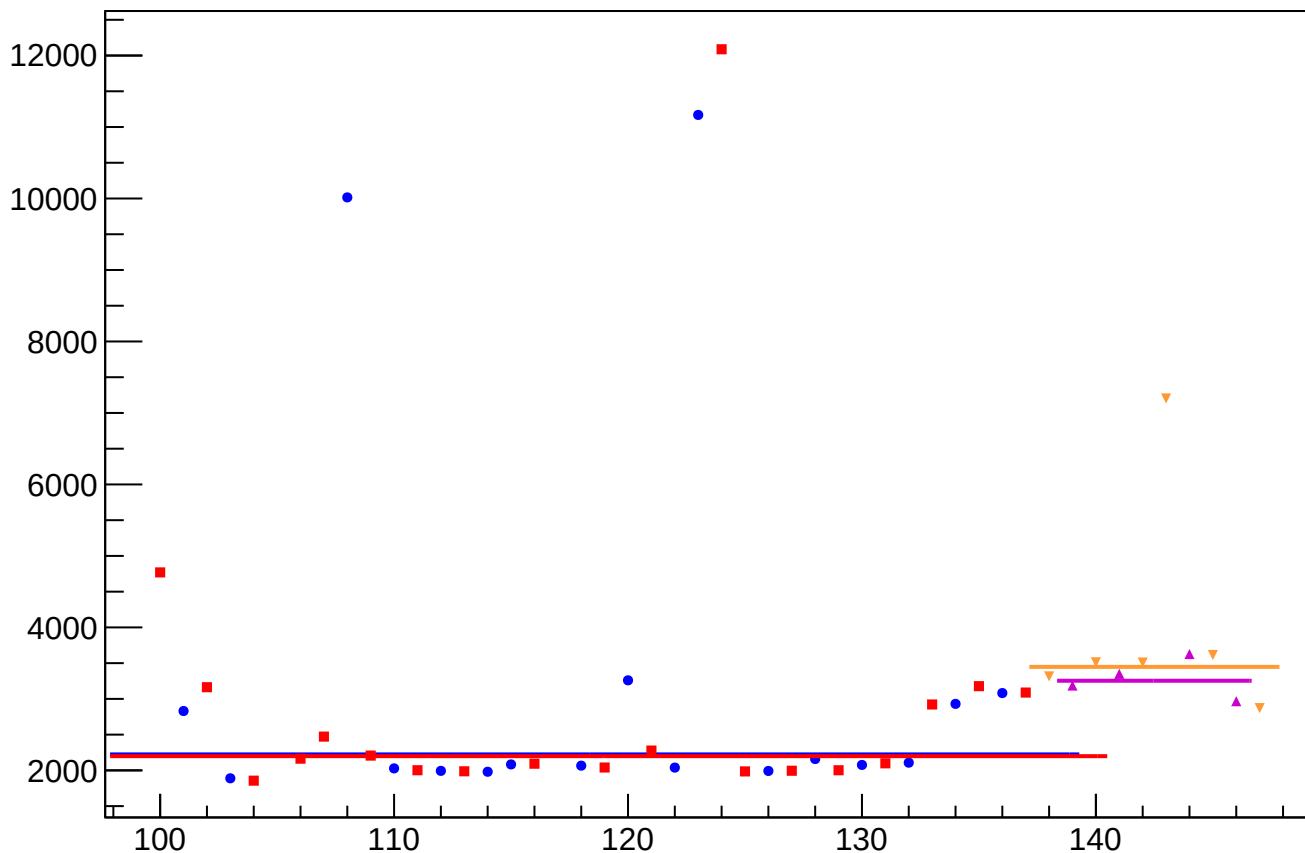
Left In: -3294.352+/-1795.184 χ^2/NDF :4.2/3

+ sign 1643.371+/-791.493 χ^2/NDF : 21.7/22

All: -340.933+/-551.397 χ^2/NDF : 61.0/45

- sign -2212.095+/-768.597 χ^2/NDF : 27.1/22

dit_asym_atl2_rms vs Slug



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

Left Out: 3447.976+/-1.229 χ^2/NDF : 430453.0/5

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

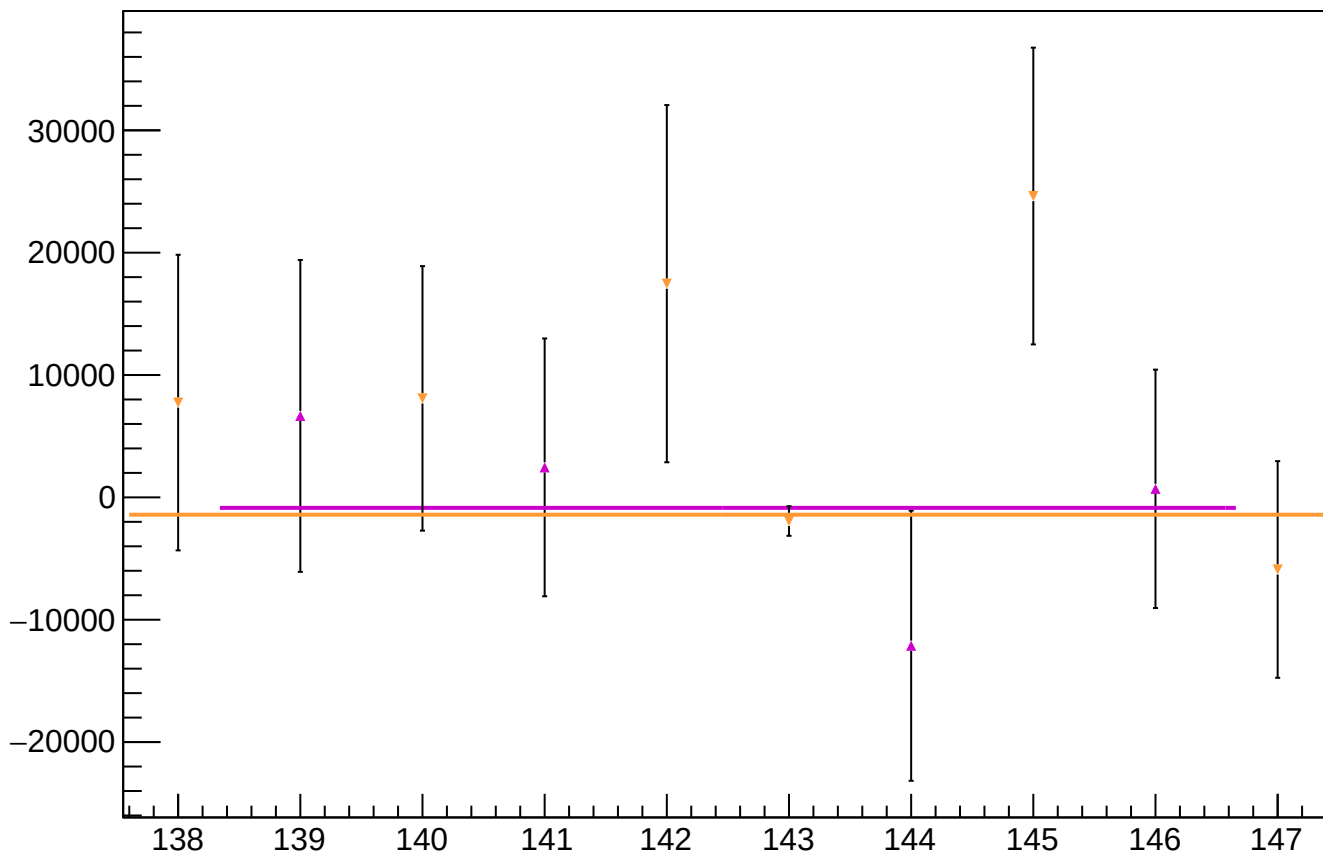
Left In: 3253.797+/-1.269 χ^2/NDF : 35467.1/3

+ sign 2477.100+/-0.560 χ^2/NDF : 2067933.2/22

All: 2433.239+/-0.390 χ^2/NDF : 3282060.4/45

- sign 2391.927+/-0.543 χ^2/NDF : 1202200.3/22

asym_atl2_correction_mean vs Slug



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

Left Out: -1416.967+/-1175.111 χ^2/NDF : 8.1/5

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

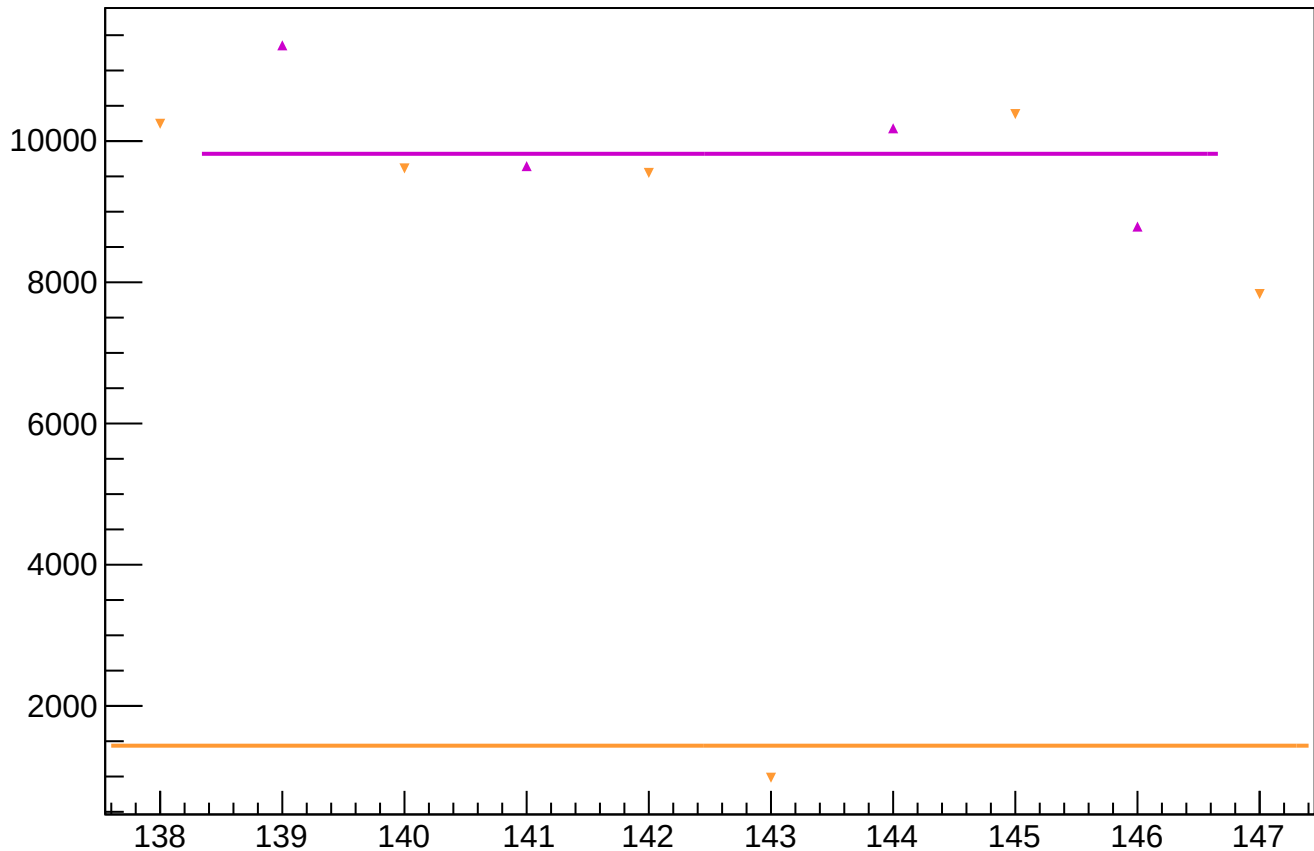
Left In: -857.085+/-5431.136 χ^2/NDF : 1.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1391.928+/-1148.535 χ^2/NDF : 9.6/9

- sign 0.000+/-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: 1436.855+/-0.831 χ^2/NDF : 5239097.9/5

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

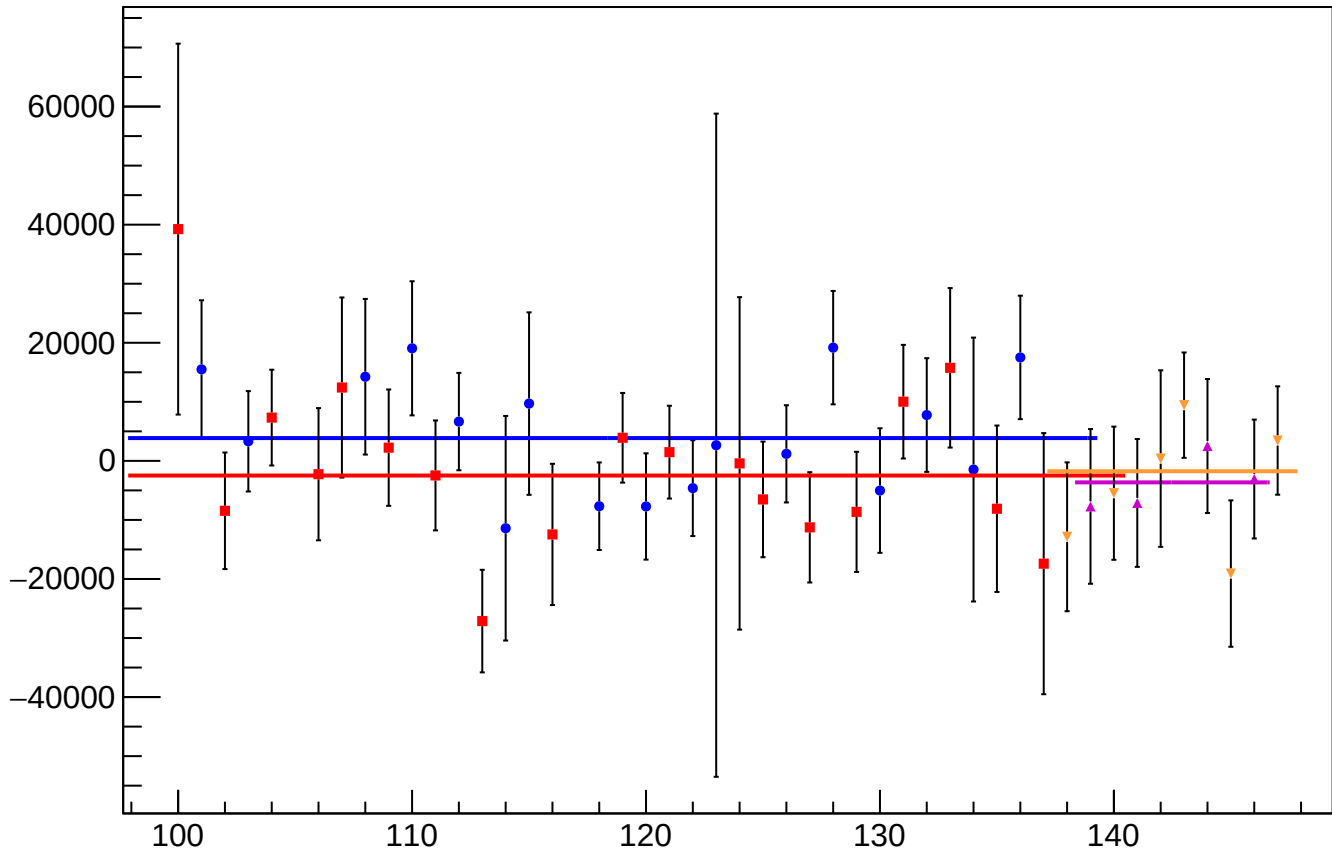
Left In: 9820.104+/-3.840 χ^2/NDF : 54136.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1811.759+/-0.812 χ^2/NDF : 9845251.7/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



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

Left Out: -1756.428 $\pm$ 4491.009 χ^2 /NDF: 4.8/5

Right Out: -2482.925 $\pm$ 2421.310 χ^2 /NDF: 20.0/18

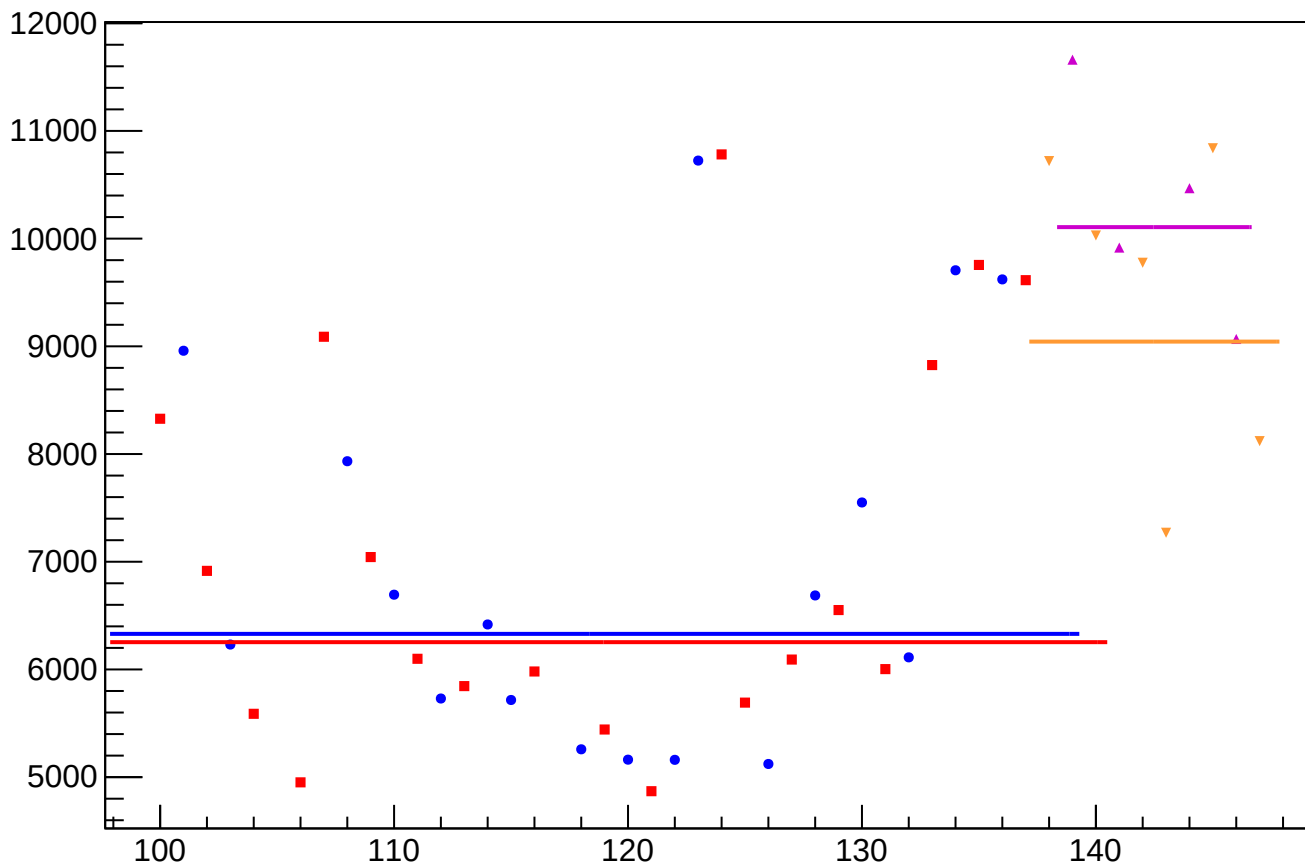
Left In: -3642.005 $\pm$ 5590.813 χ^2 /NDF: 0.5/3

+ sign 2524.088 $\pm$ 2190.212 χ^2 /NDF: 20.7/22

All: -33.694 $\pm$ 1559.791 χ^2 /NDF: 44.1/45

- sign -2665.990 $\pm$ 2221.886 χ^2 /NDF: 20.6/22

asym_atl2_rms vs Slug



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

Left Out: 9043.875 ± 3.176 χ^2/NDF : 196812.5/5

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

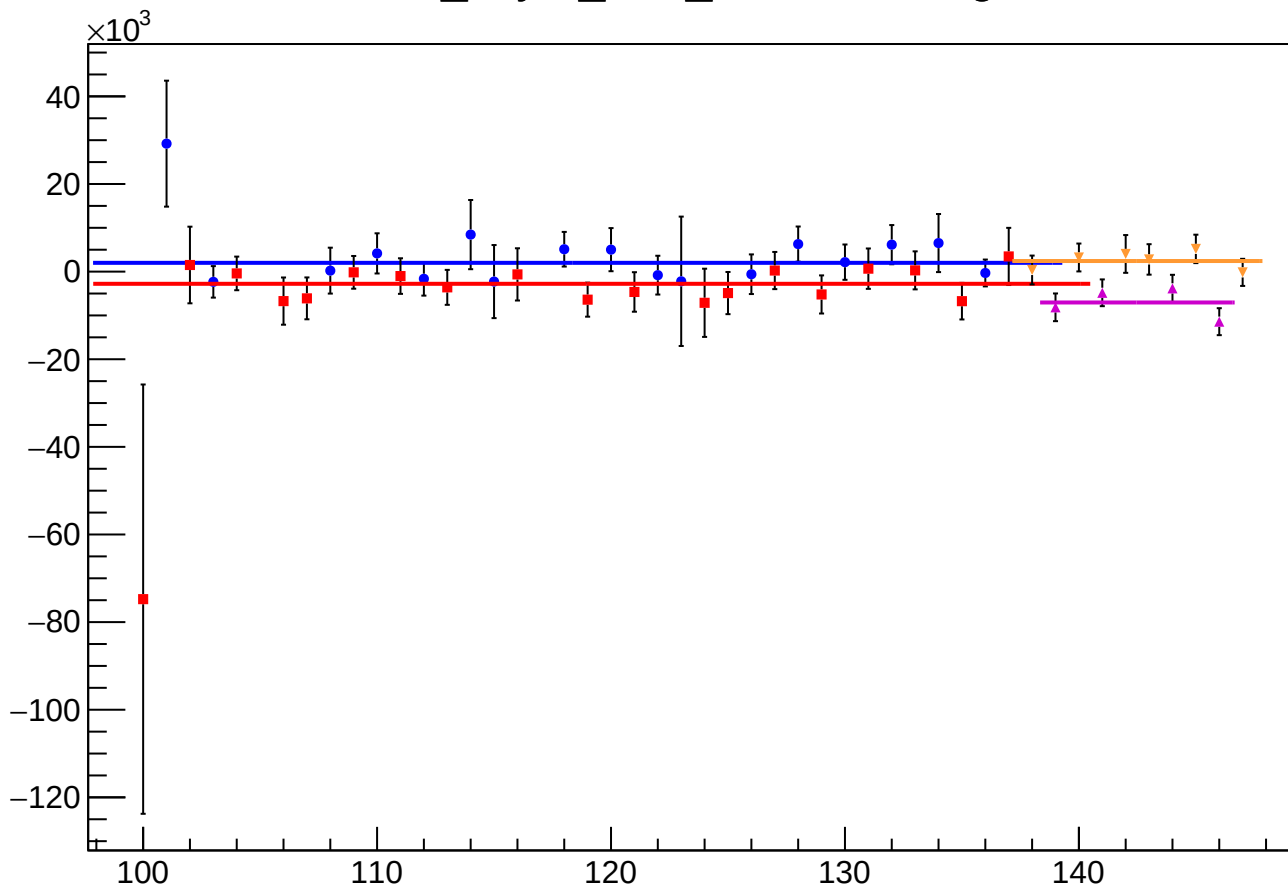
Left In: 10106.781 ± 3.953 χ^2/NDF : 52102.7/3

+ sign 6975.685 ± 1.549 χ^2/NDF : 1346721.8/22

All: 6919.607 ± 1.103 χ^2/NDF : 2736911.7/45

- sign 6861.899 ± 1.571 χ^2/NDF : 1387529.6/22

dit_asym_atr1_mean vs Slug



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

Left Out: 2418.056 $\pm$ 1376.994 χ^2 /NDF: 2.0/5

Right Out: -2781.006 $\pm$ 1086.164 χ^2 /NDF: 9.9/18

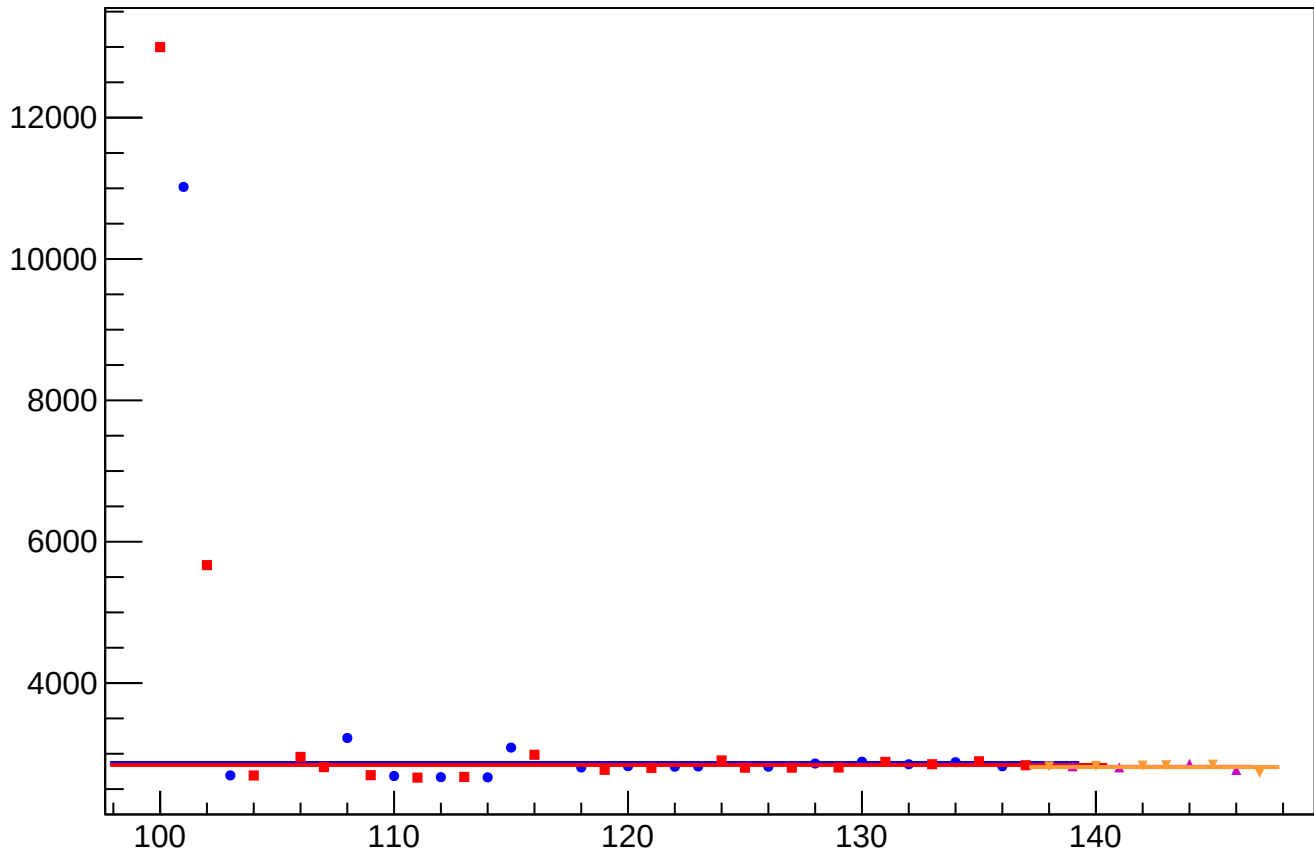
Left In: -7044.906 $\pm$ 1548.510 χ^2 /NDF: 3.8/3

+ sign 2172.197 $\pm$ 875.477 χ^2 /NDF: 14.1/22

All: -957.896 $\pm$ 623.860 χ^2 /NDF: 58.8/45

- sign -4187.058 $\pm$ 889.224 χ^2 /NDF: 18.7/22

dit_asym_atr1_rms vs Slug



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

Left Out: 2811.586+/-0.974 χ^2/NDF : 1861.2/5

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

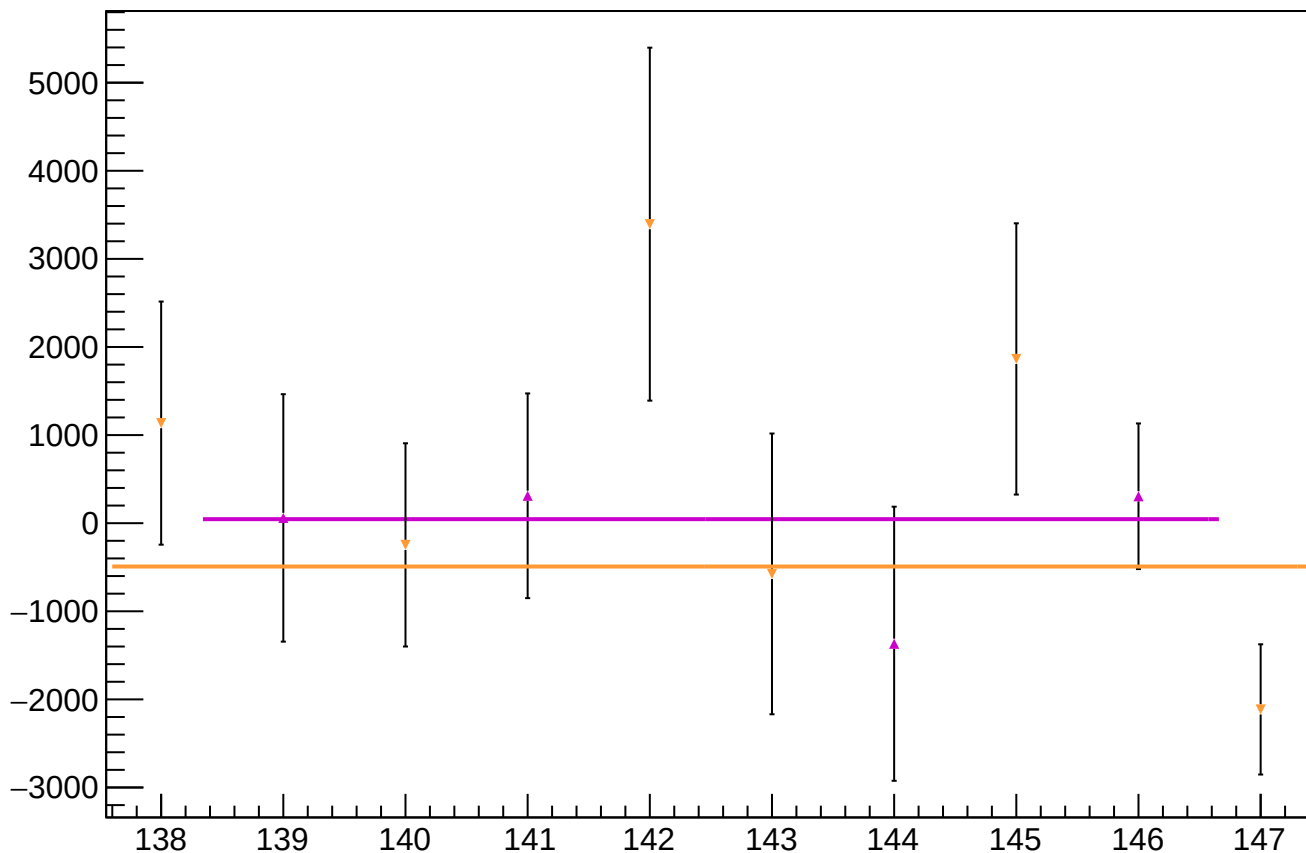
Left In: 2814.460+/-1.095 χ^2/NDF : 821.5/3

+ sign 2845.909+/-0.619 χ^2/NDF : 673847.4/22

All: 2839.370+/-0.441 χ^2/NDF : 987829.2/45

- sign 2832.624+/-0.629 χ^2/NDF : 313755.1/22

asym_atr1_correction_mean vs Slug



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

Left Out: -491.819+/-489.567 χ^2/NDF :12.4/5

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

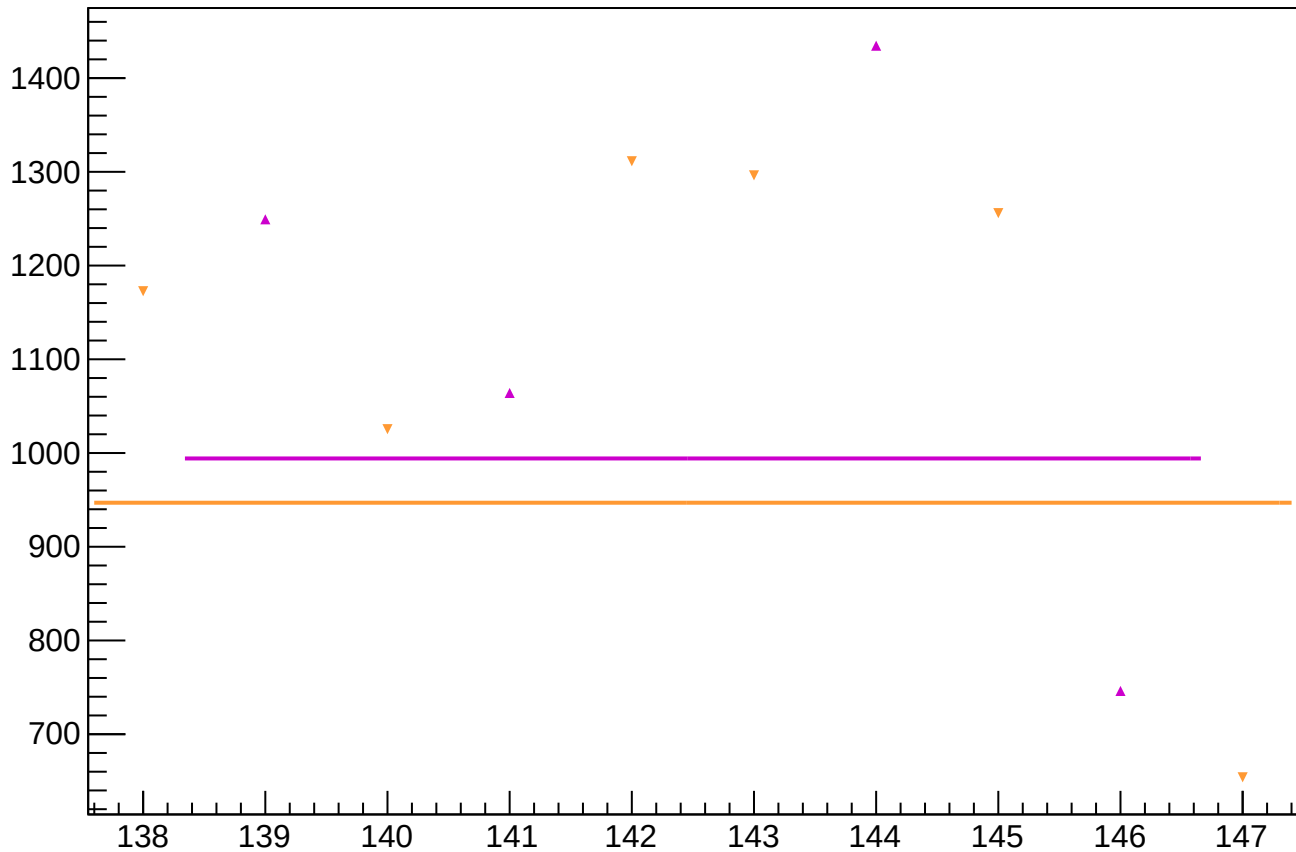
Left In: 45.651+/-565.657 χ^2/NDF :1.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -261.639+/-370.177 χ^2/NDF : 13.9/9

- 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: 946.978+/-0.346 χ^2/NDF : 619686.7/5

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

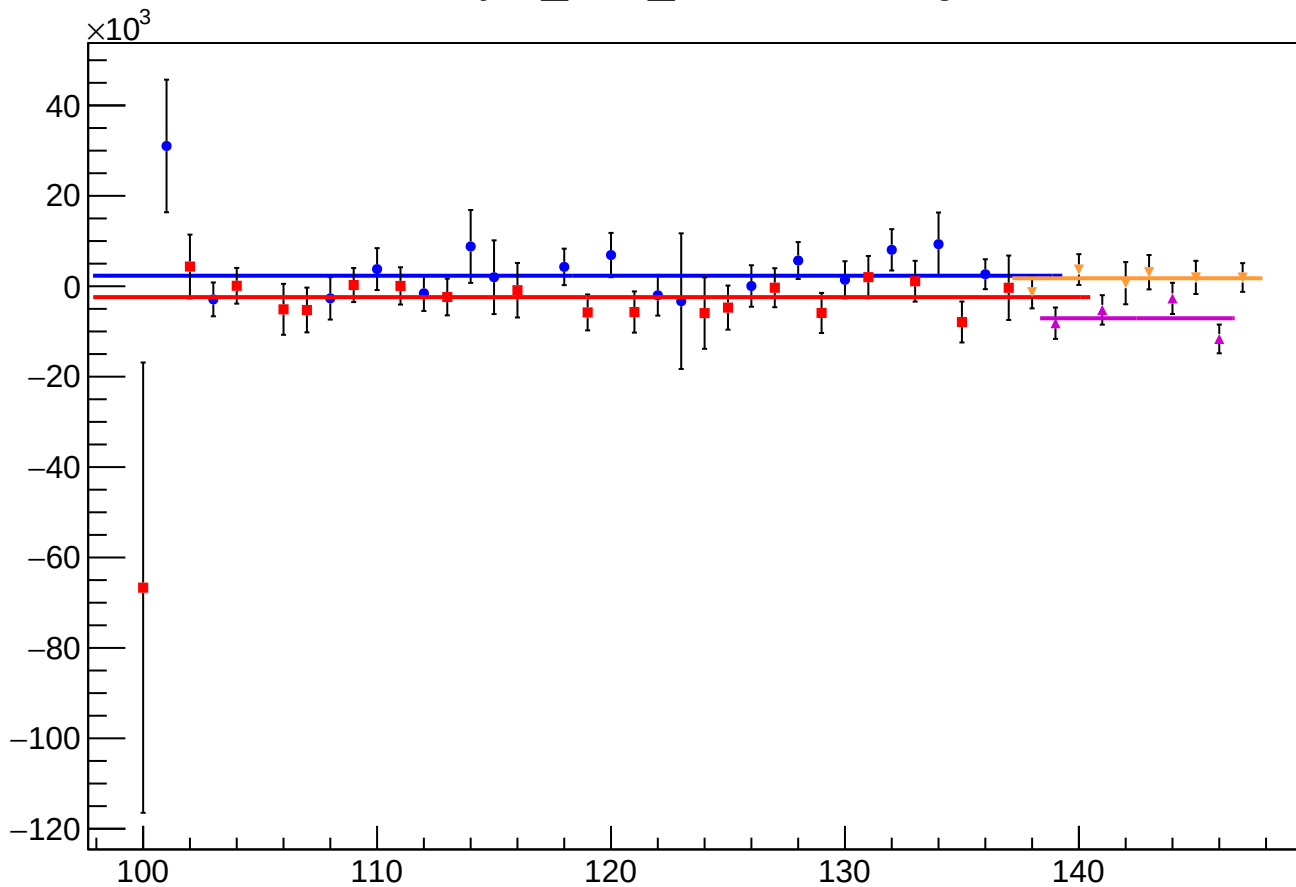
Left In: 994.199+/-0.400 χ^2/NDF : 413671.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.201+/-0.262 χ^2/NDF : 1041326.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 1766.141 $\pm$ 1485.652 χ^2 /NDF:1.2/5

Right Out: -2403.750 $\pm$ 1110.093 χ^2 /NDF: 10.1/18

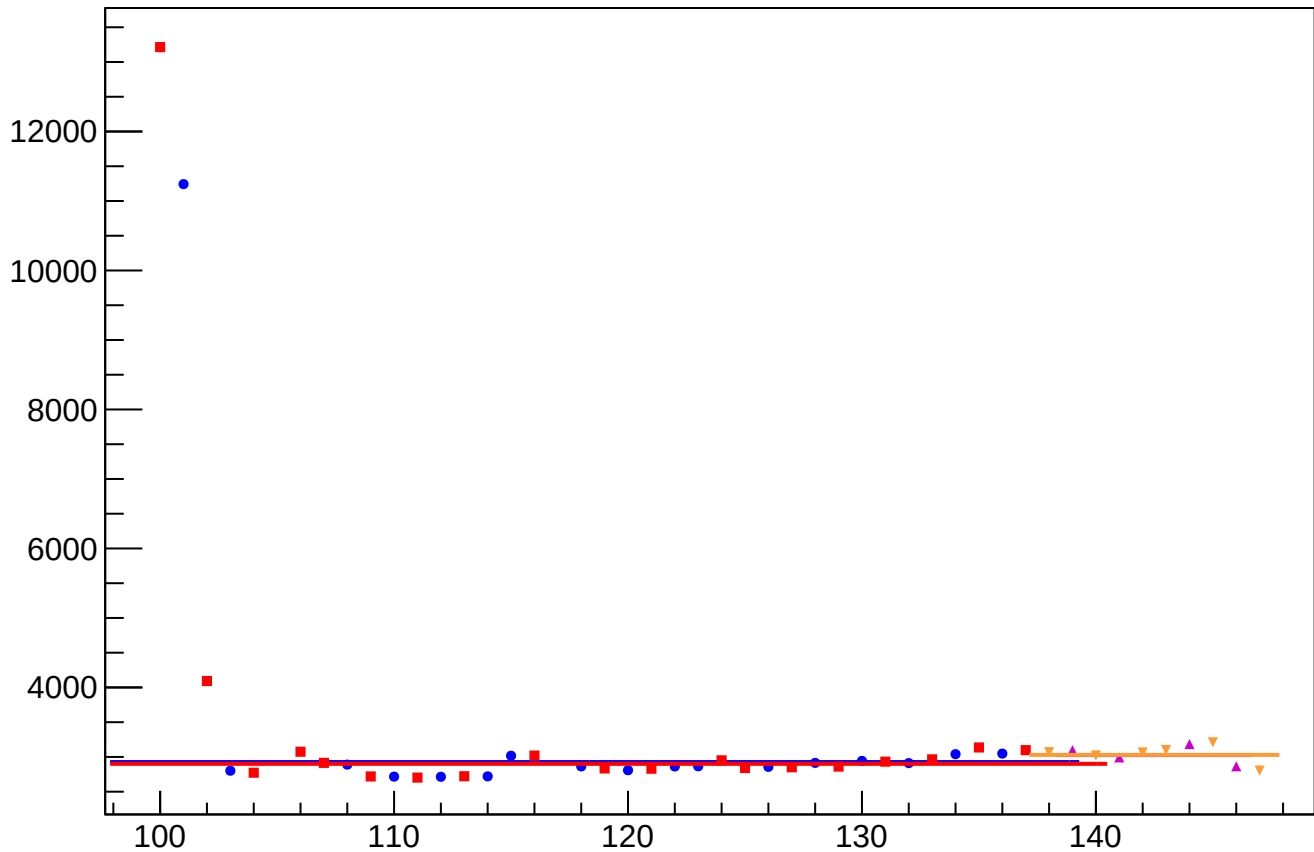
Left In: -7080.042 $\pm$ 1667.042 χ^2 /NDF:4.1/3

+ sign 2117.312 $\pm$ 912.617 χ^2 /NDF: 15.7/22

All: -824.660 $\pm$ 649.297 χ^2 /NDF: 56.4/45

- sign -3840.335 $\pm$ 923.978 χ^2 /NDF: 19.6/22

asym_atr1_rms vs Slug



Right In: 2926.610 ± 0.818 $\chi^2/\text{NDF}: 662794.4/16$

Left Out: 3029.627 ± 1.051 $\chi^2/\text{NDF}: 16049.9/5$

Right Out: 2900.827 ± 0.785 $\chi^2/\text{NDF}: 169866.6/18$

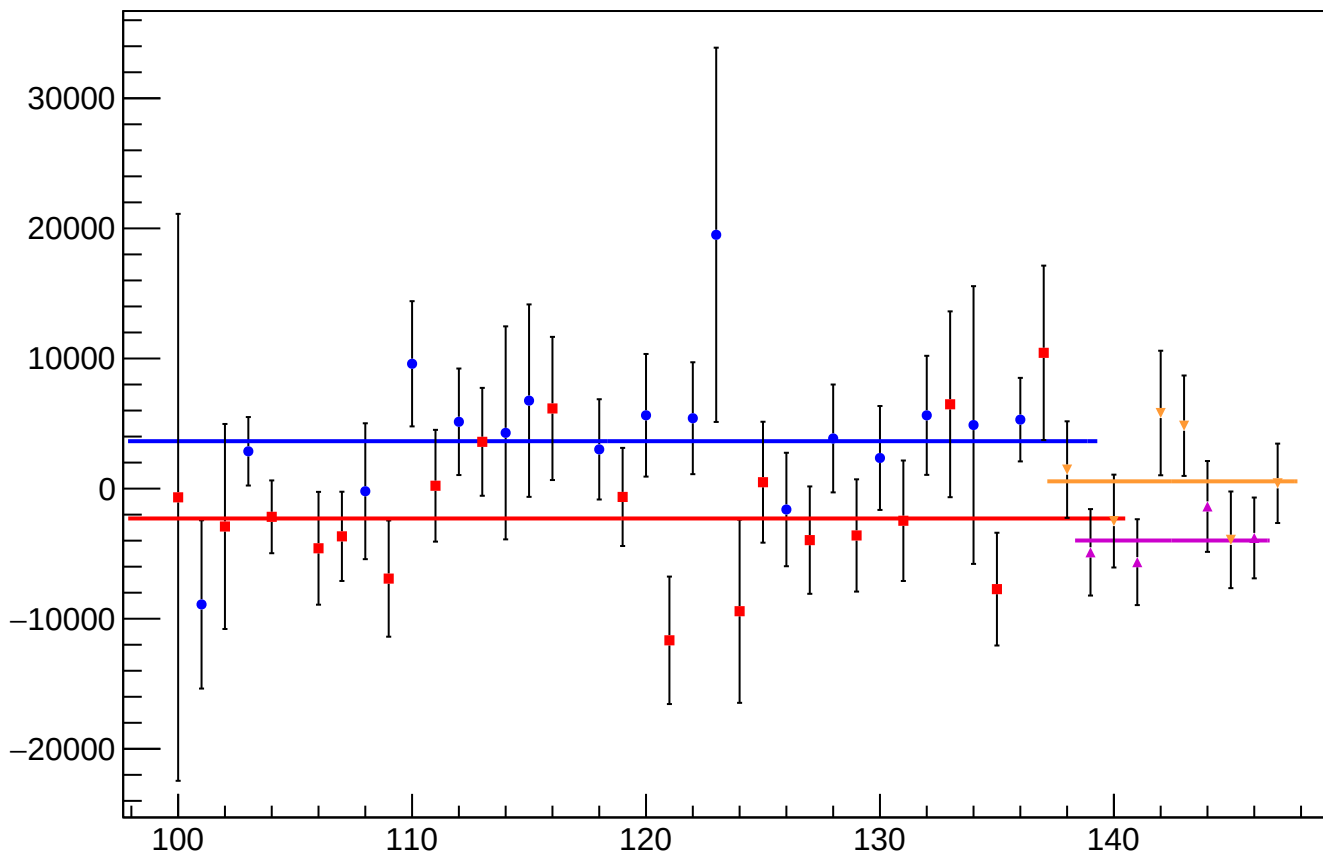
Left In: 3027.275 ± 1.179 $\chi^2/\text{NDF}: 10441.0/3$

+ sign 2965.484 ± 0.645 $\chi^2/\text{NDF}: 684831.9/22$

All: 2952.738 ± 0.459 $\chi^2/\text{NDF}: 873901.5/45$

- sign 2939.672 ± 0.653 $\chi^2/\text{NDF}: 188279.6/22$

dit_asym_atr2_mean vs Slug



Right In: 3645.268 ± 1091.486 χ^2/NDF : 9.9/16

Left Out: 558.405 ± 1504.457 χ^2/NDF : 4.7/5

Right Out: -2295.846 ± 1046.865 χ^2/NDF : 18.4/18

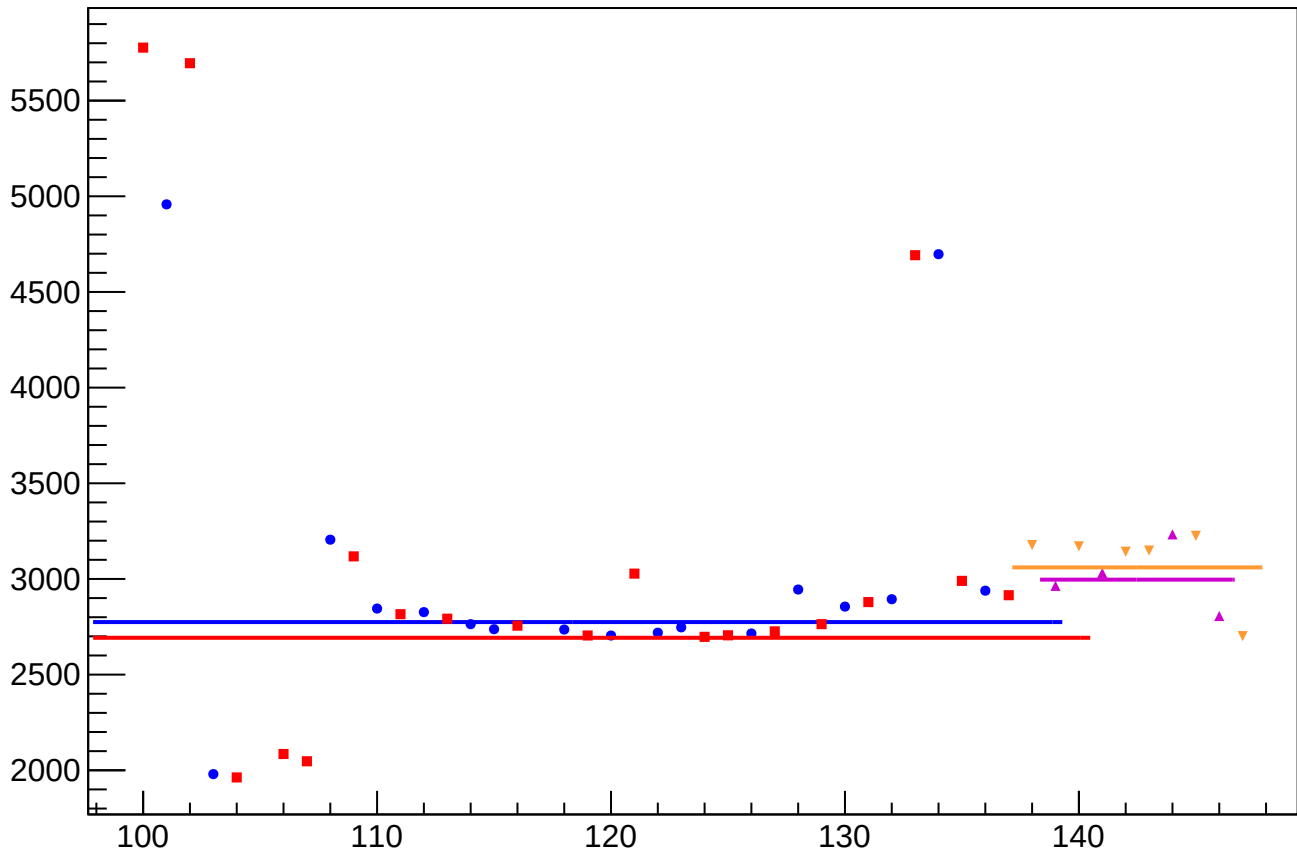
Left In: -3988.631 ± 1648.149 χ^2/NDF : 0.9/3

+ sign 2580.783 ± 883.468 χ^2/NDF : 17.3/22

All: -100.216 ± 624.779 χ^2/NDF : 55.8/45

- sign -2782.469 ± 883.675 χ^2/NDF : 20.1/22

dit_asym_atr2_rms vs Slug



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

Left Out: 3060.378 $\pm$ 1.064 χ^2 /NDF: 37182.0/5

Right Out: 2692.509 $\pm$ 0.740 χ^2 /NDF: 780267.3/18

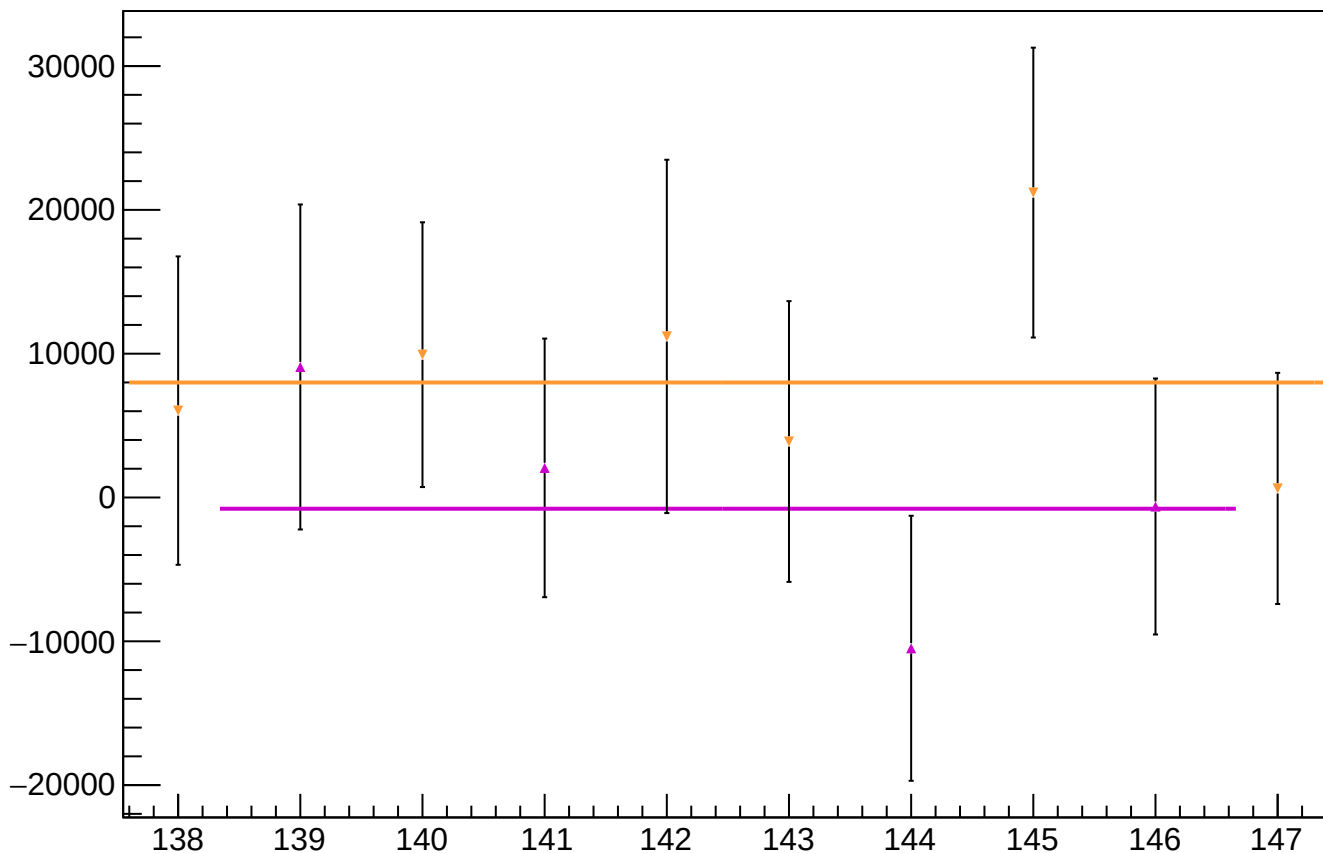
Left In: 2996.314 $\pm$ 1.165 χ^2 /NDF: 17099.4/3

+ sign 2873.160 $\pm$ 0.625 χ^2 /NDF: 586135.9/22

All: 2826.482 $\pm$ 0.442 χ^2 /NDF: 1443098.4/45

- sign 2779.803 $\pm$ 0.625 χ^2 /NDF: 845796.2/22

asym_atr2_correction_mean vs Slug



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

Left Out: 7996.446+/-3985.748 χ^2/NDF : 2.9/5

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

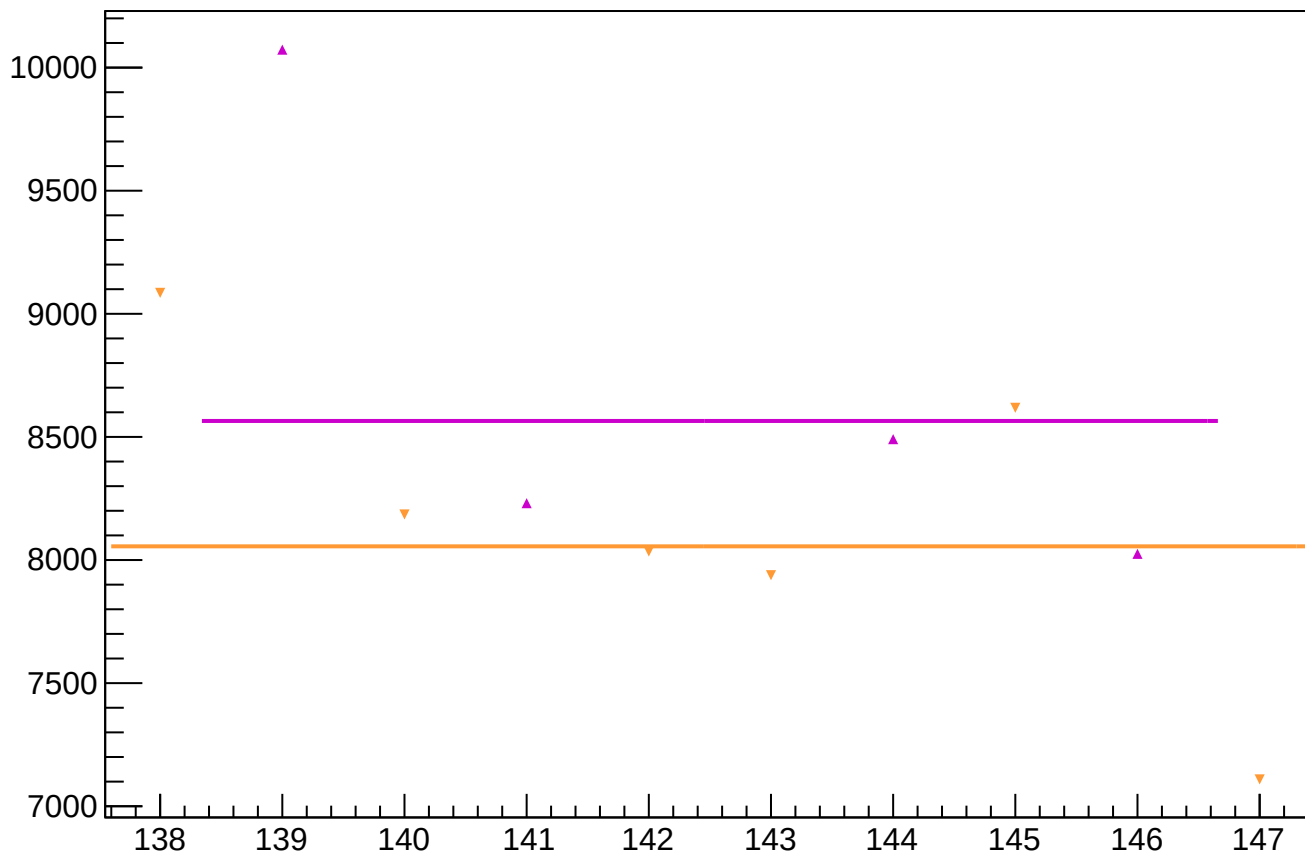
Left In: -781.298+/-4735.066 χ^2/NDF : 2.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4356.257+/-3049.275 χ^2/NDF : 6.9/9

- 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: 8055.560+/-2.818 χ^2/NDF : 53103.2/5

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

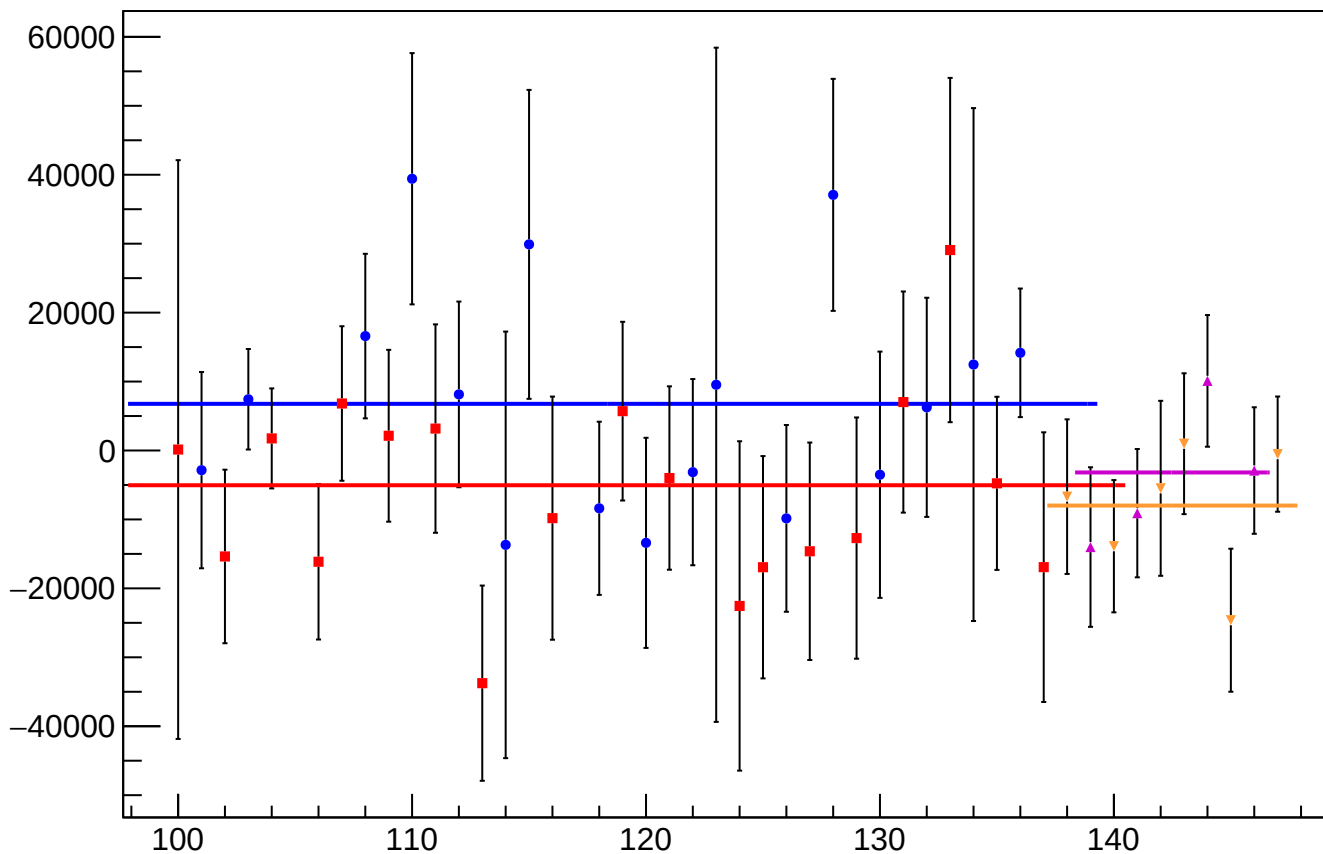
Left In: 8564.825+/-3.348 χ^2/NDF : 45866.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8266.756+/-2.156 χ^2/NDF : 112510.8/9

- 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: -7988.756 $\pm$ 4144.554 χ^2 /NDF: 4.6/5

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

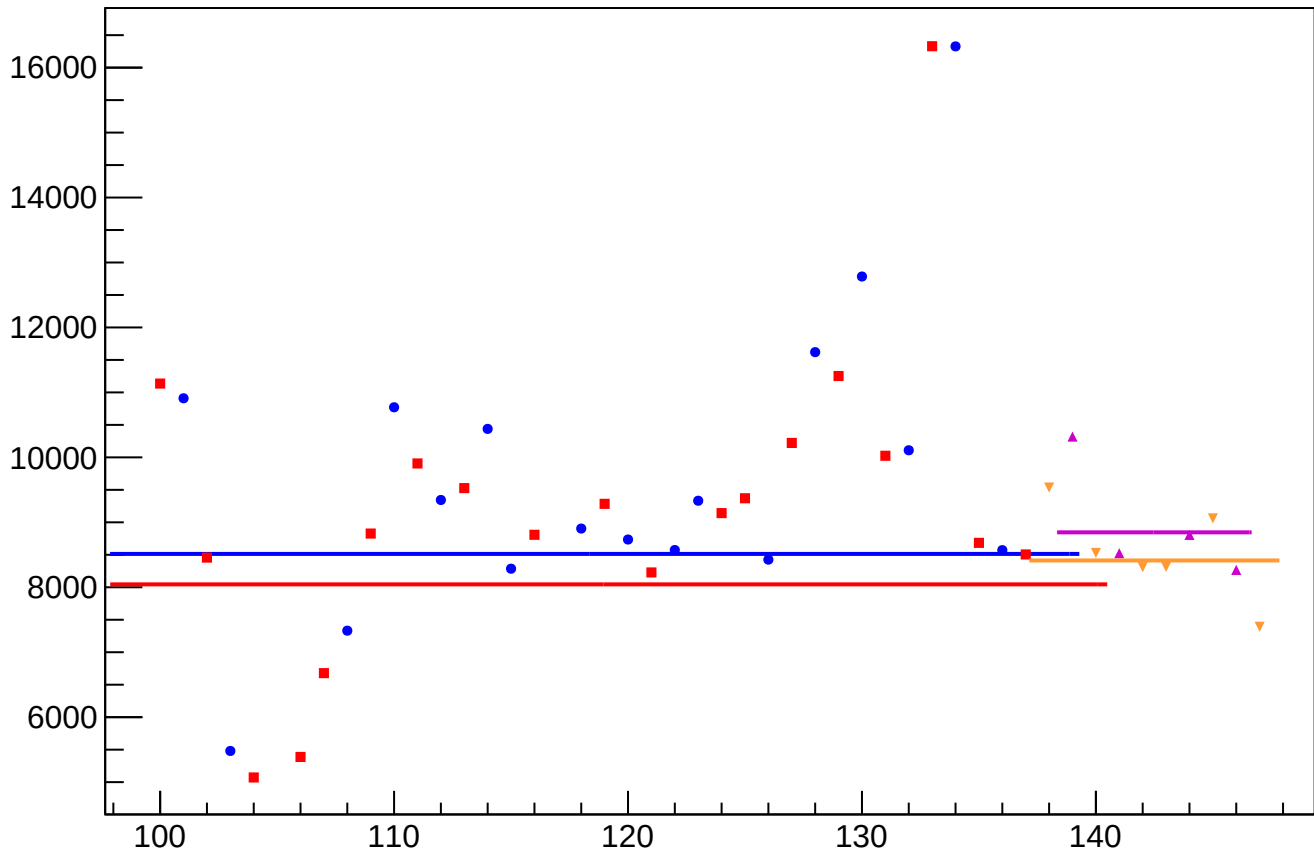
Left In: -3186.237 $\pm$ 4888.364 χ^2 /NDF: 3.2/3

+ sign 858.399 $\pm$ 2622.698 χ^2 /NDF: 27.5/22

All: -1781.130 $\pm$ 1866.989 χ^2 /NDF: 46.5/45

- sign -4492.817 $\pm$ 2658.305 χ^2 /NDF: 16.9/22

asym_atr2_rms vs Slug



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

Left Out: 8412.634+/-2.931 χ^2/NDF : 58293.4/5

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

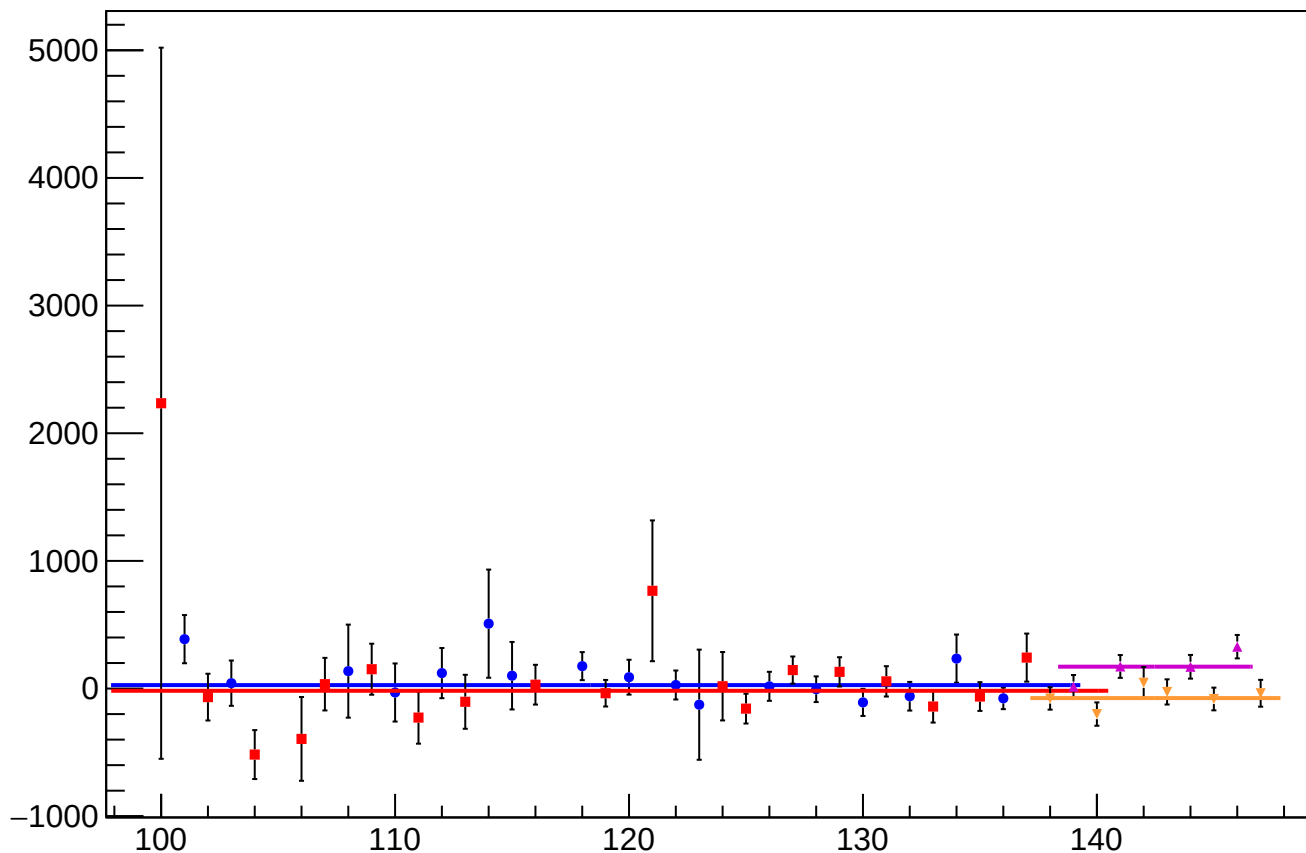
Left In: 8845.704+/-3.457 χ^2/NDF : 42807.8/3

+ sign 8473.208+/-1.855 χ^2/NDF : 821620.4/22

All: 8378.688+/-1.320 χ^2/NDF : 1859821.5/45

- sign 8281.589+/-1.880 χ^2/NDF : 1032935.0/22

dit_asym_sam1_mean vs Slug



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

Left Out: -74.698+/-39.673 χ^2/NDF : 3.2/5

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

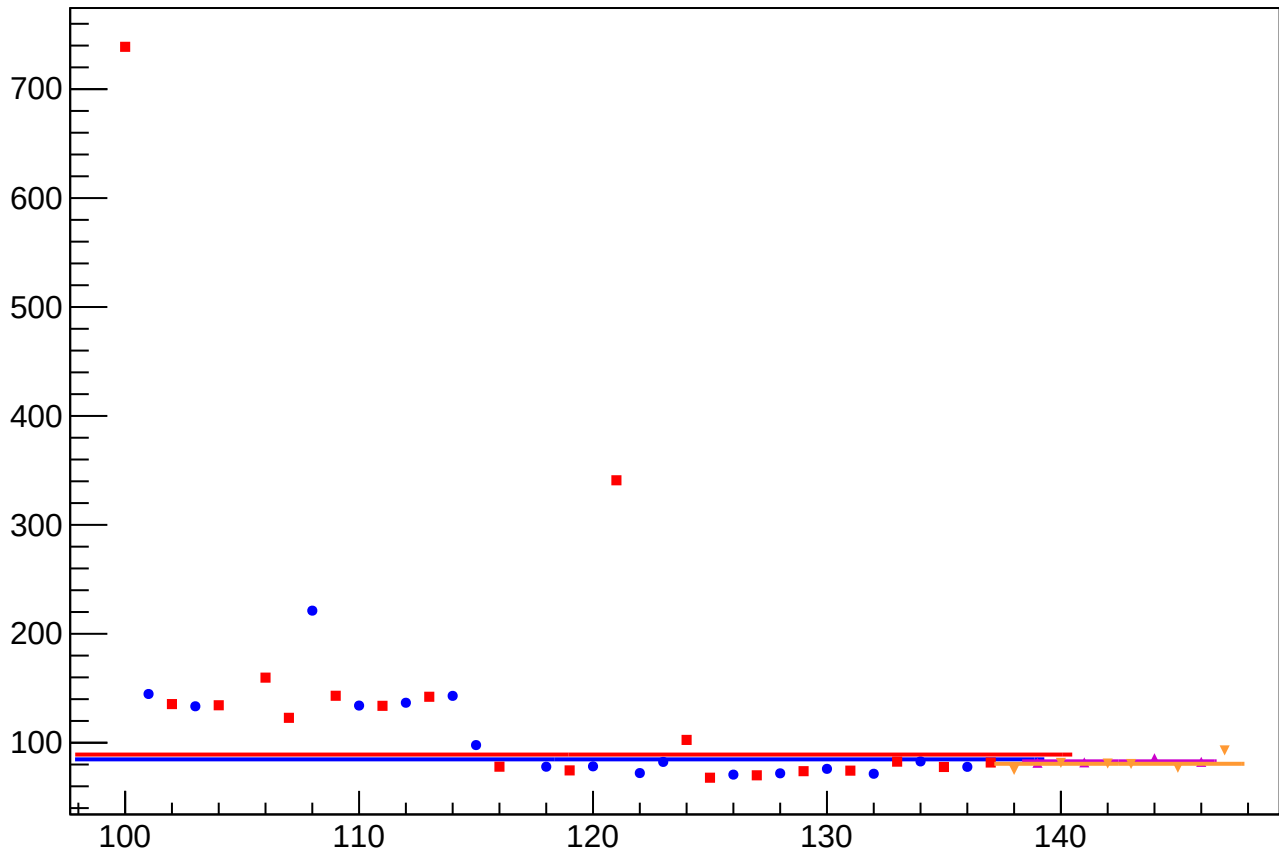
Left In: 171.378+/-45.670 χ^2/NDF : 5.9/3

+ sign -16.145+/-25.829 χ^2/NDF : 19.6/22

All: 15.966+/-19.001 χ^2/NDF : 61.3/45

- sign 53.840+/-28.052 χ^2/NDF : 38.3/22

dit_asym_sam1_rms vs Slug



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

Left Out: 80.673 $\pm$ 0.028 χ^2 /NDF: 39178.4/5

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

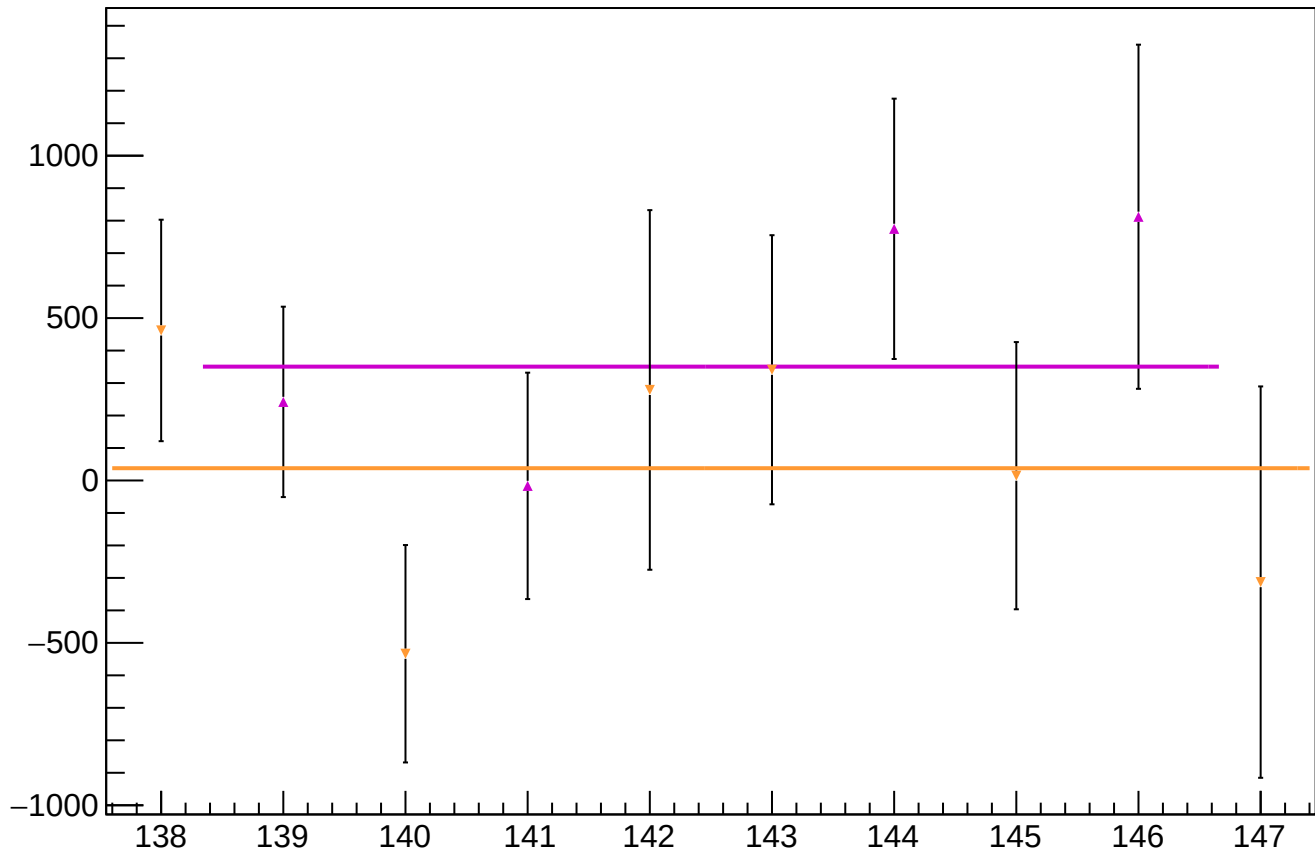
Left In: 82.925 $\pm$ 0.032 χ^2 /NDF: 2582.4/3

+ sign 83.014 $\pm$ 0.018 χ^2 /NDF: 1115689.6/22

All: 84.750 $\pm$ 0.013 χ^2 /NDF: 2720308.9/45

- sign 86.797 $\pm$ 0.020 χ^2 /NDF: 1584936.6/22

asym_sam1_correction_mean vs Slug



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

Left Out: 37.783+/-168.355 χ^2/NDF : 5.5/5

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

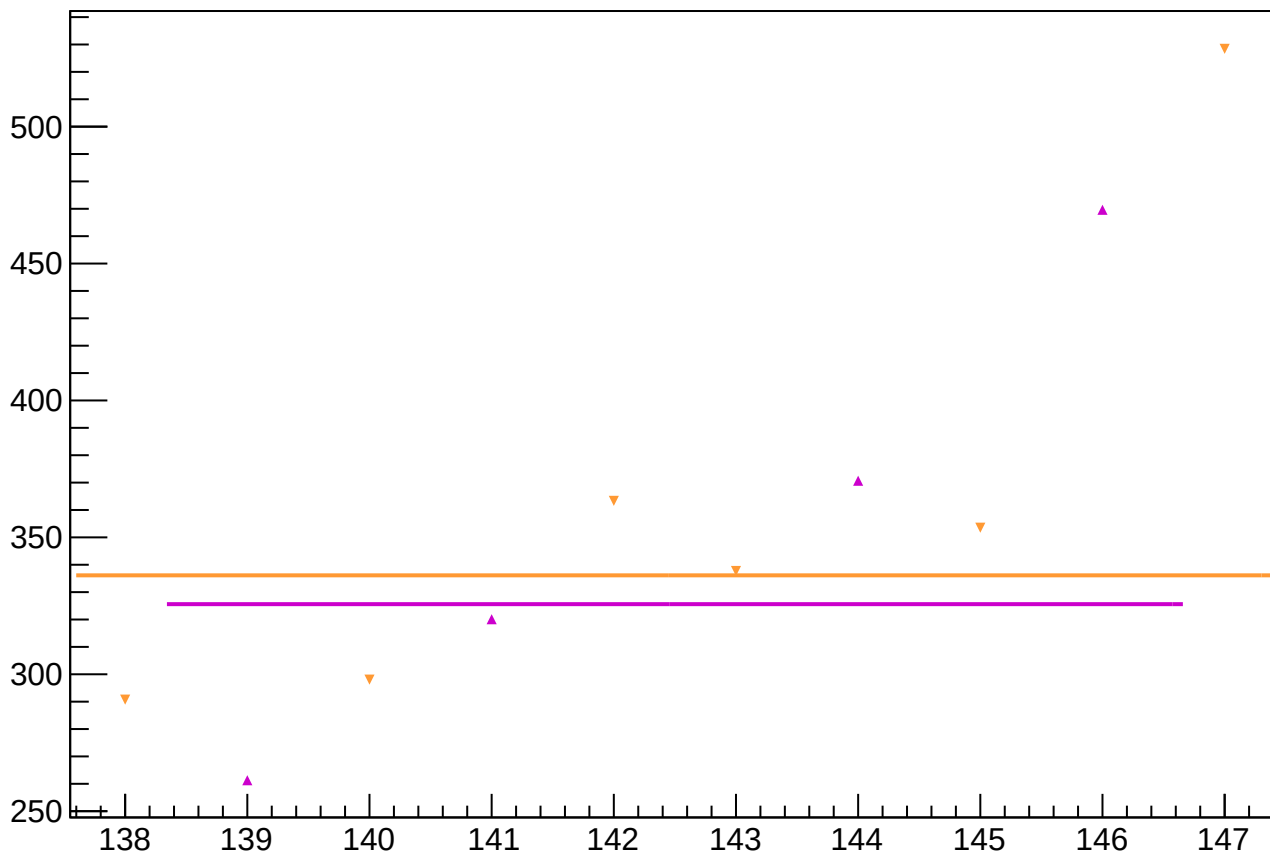
Left In: 350.523+/-183.618 χ^2/NDF : 3.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.617+/-124.091 χ^2/NDF : 10.2/9

- 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: 336.133+/-0.119 χ^2/NDF : 273479.9/5

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

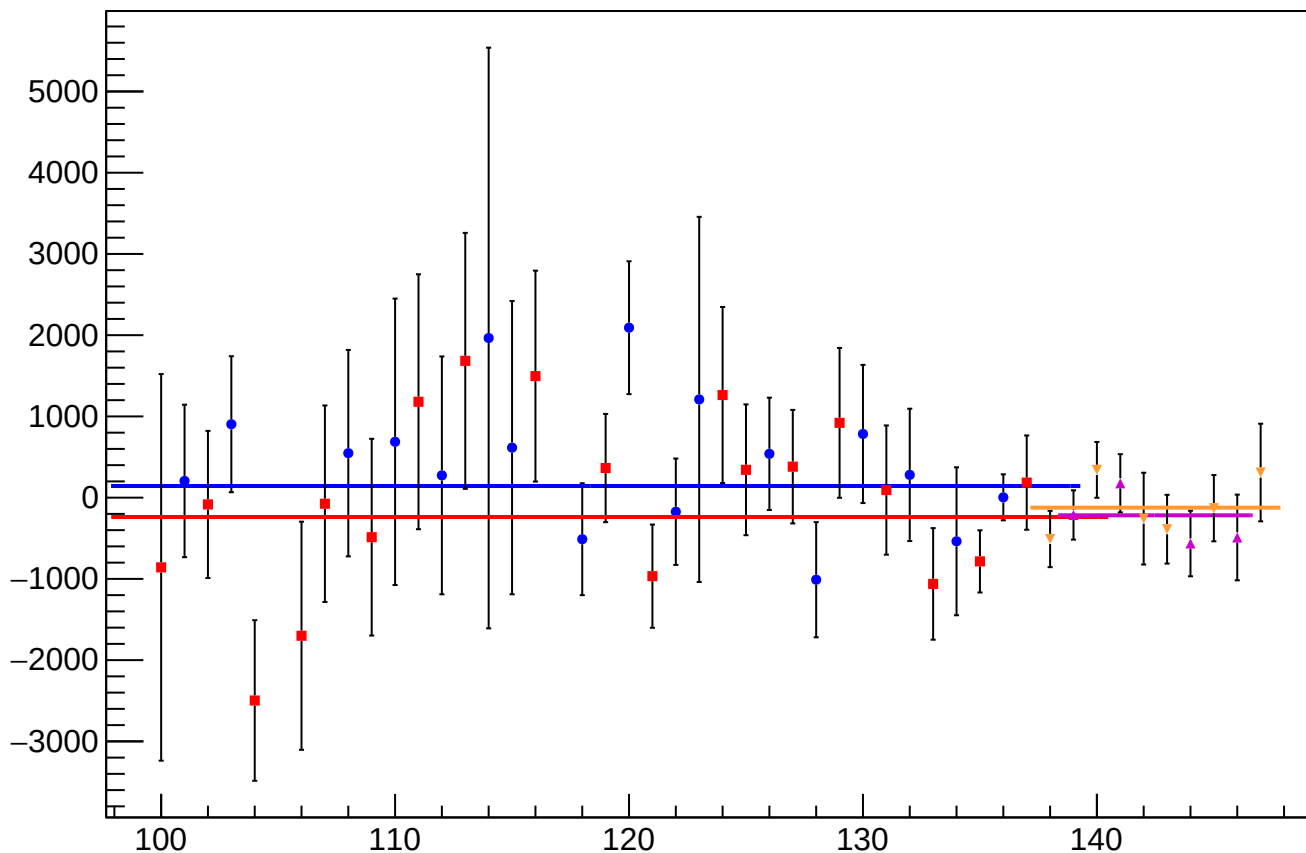
Left In: 325.609+/-0.130 χ^2/NDF : 269852.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.326+/-0.088 χ^2/NDF : 546901.5/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



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

Left Out: -123.151 ± 170.770 χ^2/NDF : 4.0/5

Right Out: -237.821 ± 183.995 χ^2/NDF : 21.7/18

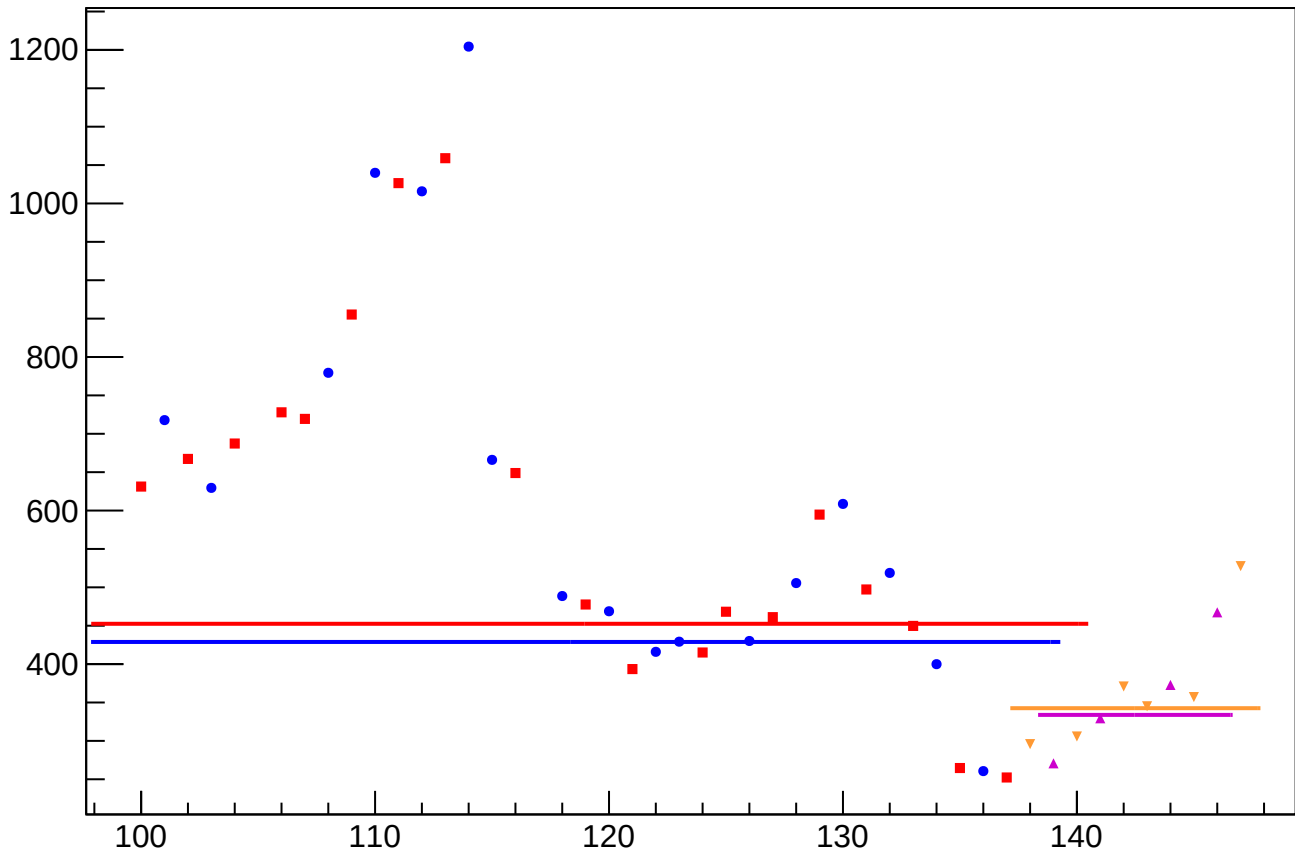
Left In: -217.188 ± 187.795 χ^2/NDF : 2.2/3

+ sign 3.721 ± 123.638 χ^2/NDF : 18.0/22

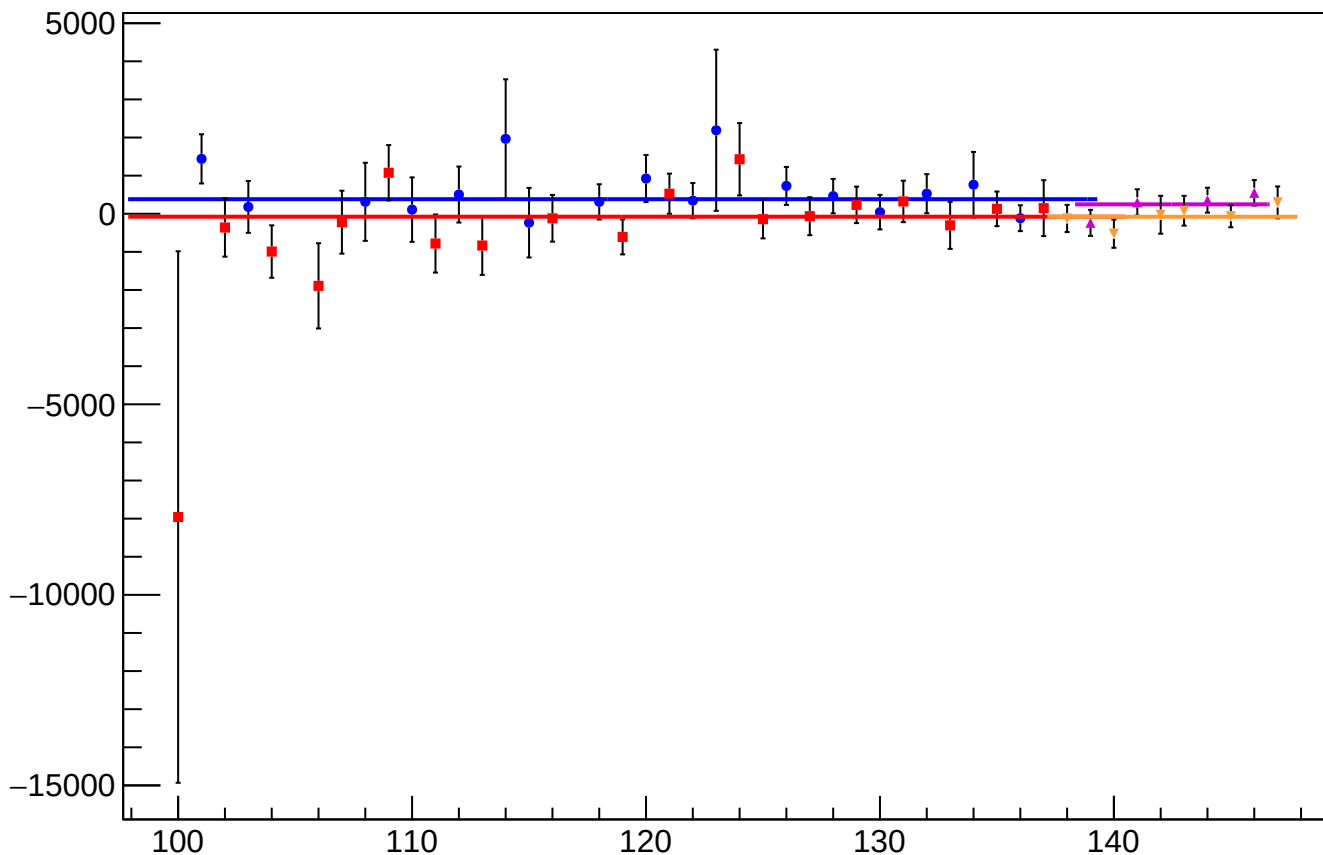
All: -104.936 ± 90.053 χ^2/NDF : 43.5/45

- sign -227.715 ± 131.427 χ^2/NDF : 23.9/22

asym_sam1_rms vs Slug



dit_asym_sam2_mean vs Slug



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

Left Out: -78.626 ± 151.926 χ^2/NDF : 2.4/5

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

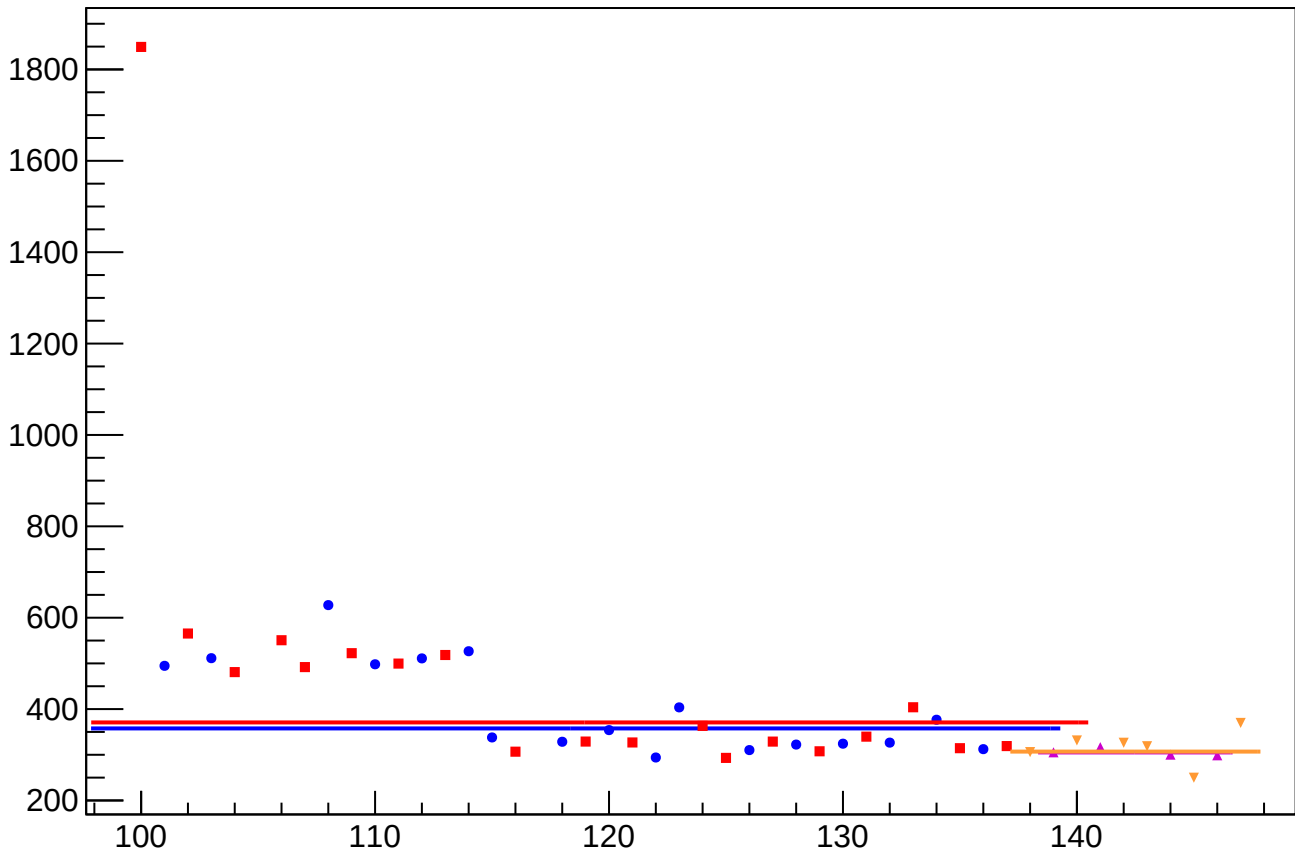
Left In: 246.804 ± 168.517 χ^2/NDF : 3.0/3

+ sign 168.475 ± 103.425 χ^2/NDF : 16.8/22

All: 116.629 ± 75.104 χ^2/NDF : 39.2/45

- sign 58.787 ± 109.241 χ^2/NDF : 21.9/22

dit_asym_sam2_rms vs Slug



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

Left Out: 306.966+/-0.107 χ^2/NDF : 136450.5/5

Right Out: 370.794+/-0.101 χ^2/NDF : 784786.3/18

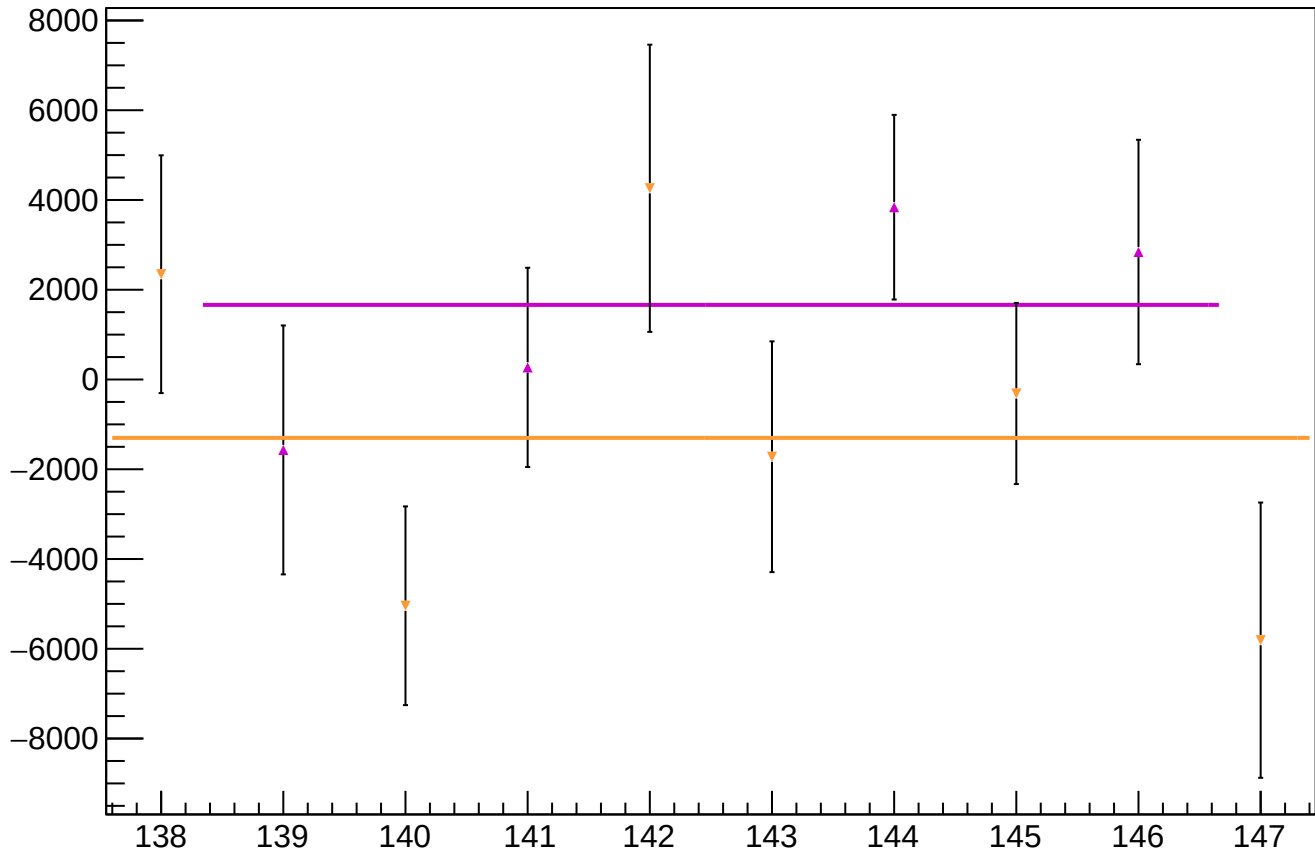
Left In: 305.099+/-0.119 χ^2/NDF : 3390.8/3

+ sign 334.169+/-0.073 χ^2/NDF : 885627.3/22

All: 338.431+/-0.053 χ^2/NDF : 1857216.1/45

- sign 343.187+/-0.077 χ^2/NDF : 964401.6/22

asym_sam2_correction_mean vs Slug



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

Left Out: -1301.234+/-1027.358 χ^2/NDF : 10.2/5

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

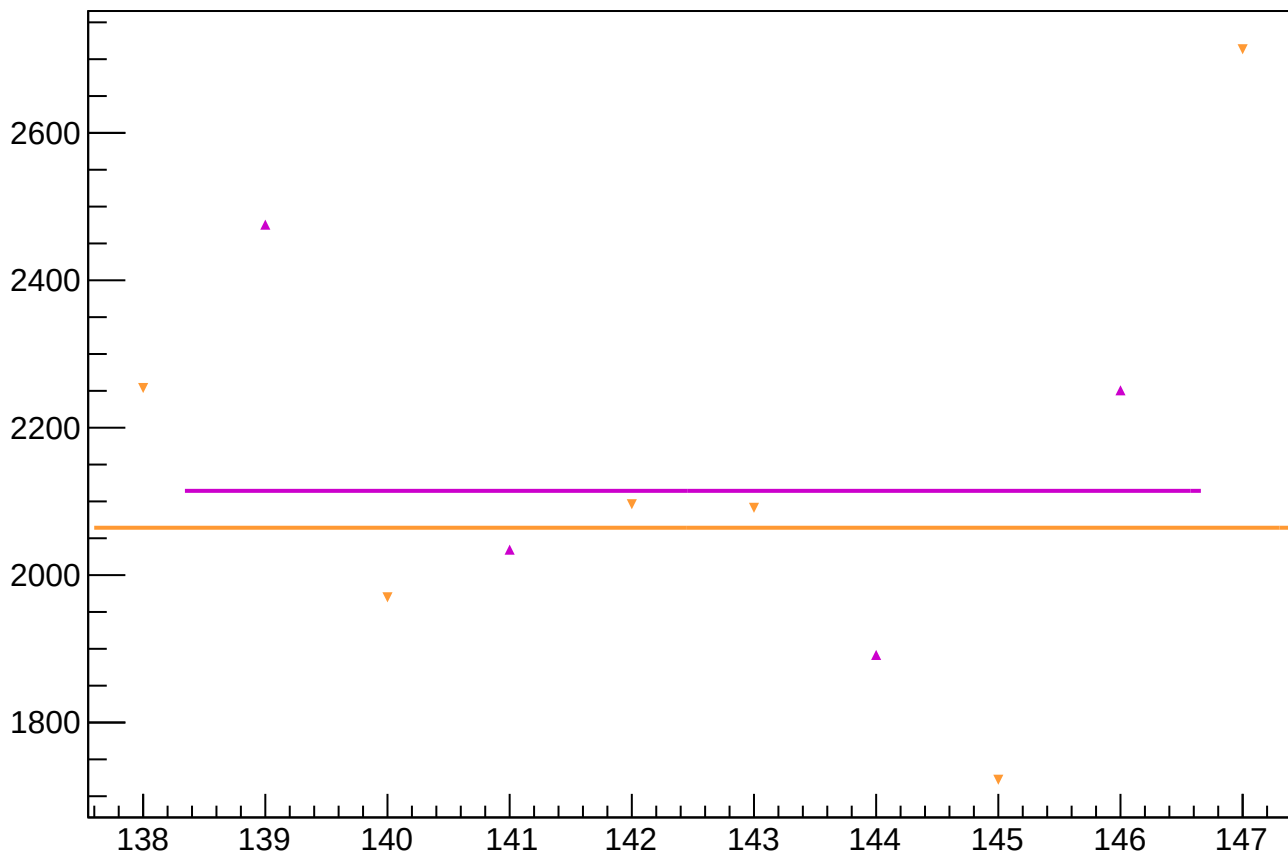
Left In: 1662.498+/-1171.052 χ^2/NDF : 3.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.261+/-772.287 χ^2/NDF : 16.9/9

- 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: 2064.273+/-0.726 χ^2/NDF :161342.4/5

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

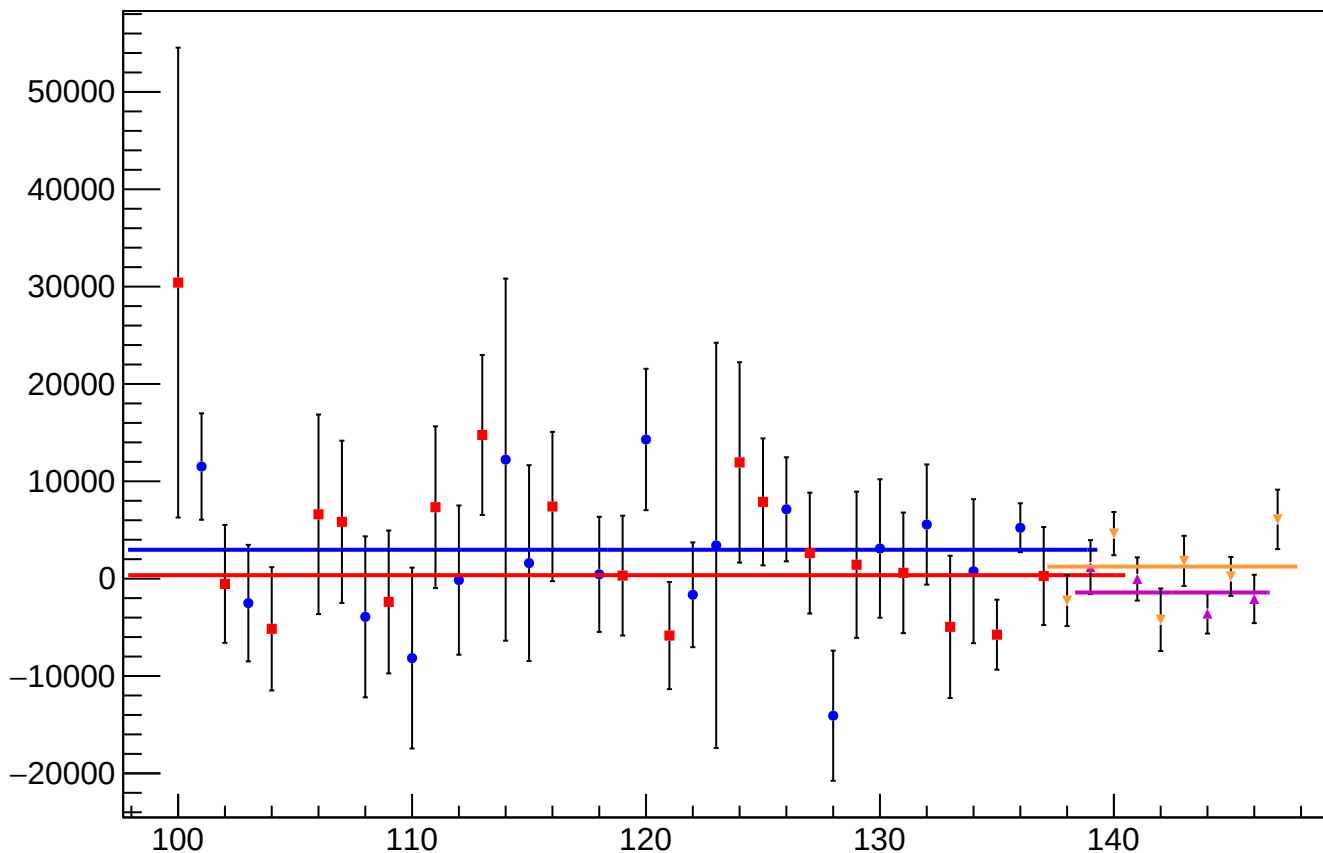
Left In: 2114.326+/-0.828 χ^2/NDF :65878.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2086.042+/-0.546 χ^2/NDF : 229285.0/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



Right In: 2969.125+/-1440.489 χ^2/NDF : 17.4/16

Left Out: 1240.620+/-1023.336 χ^2/NDF : 9.8/5

Right Out: 358.685+/-1507.064 χ^2/NDF : 15.3/18

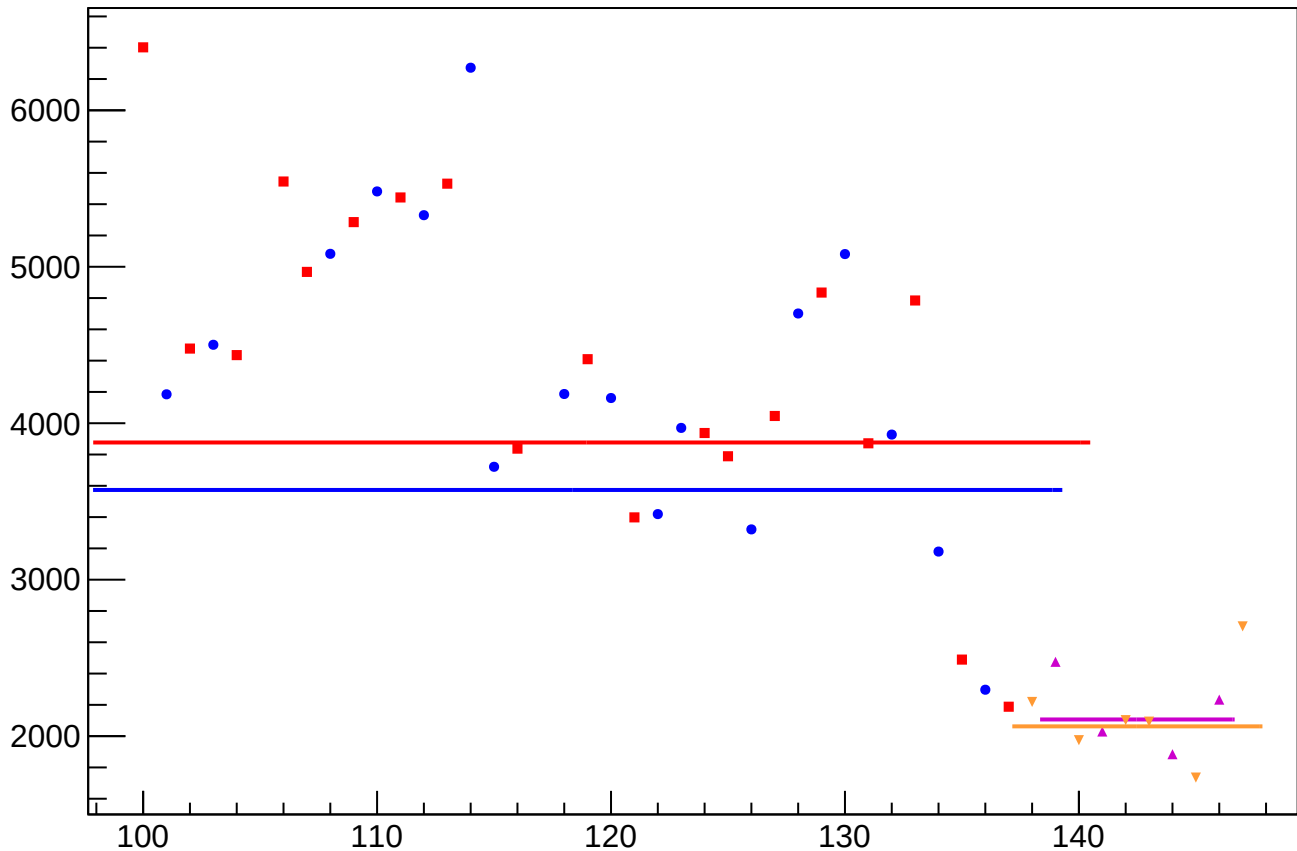
Left In: -1420.943+/-1167.602 χ^2/NDF : 2.5/3

+ sign 1820.372+/-834.250 χ^2/NDF : 28.2/22

All: 663.139+/-618.908 χ^2/NDF : 51.1/45

- sign -753.415+/-923.001 χ^2/NDF : 18.7/22

asym_sam2_rms vs Slug



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

Left Out: 2062.477 ± 0.724 $\chi^2/\text{NDF}: 152153.4/5$

Right Out: 3876.914 ± 1.066 $\chi^2/\text{NDF}: 988409.8/18$

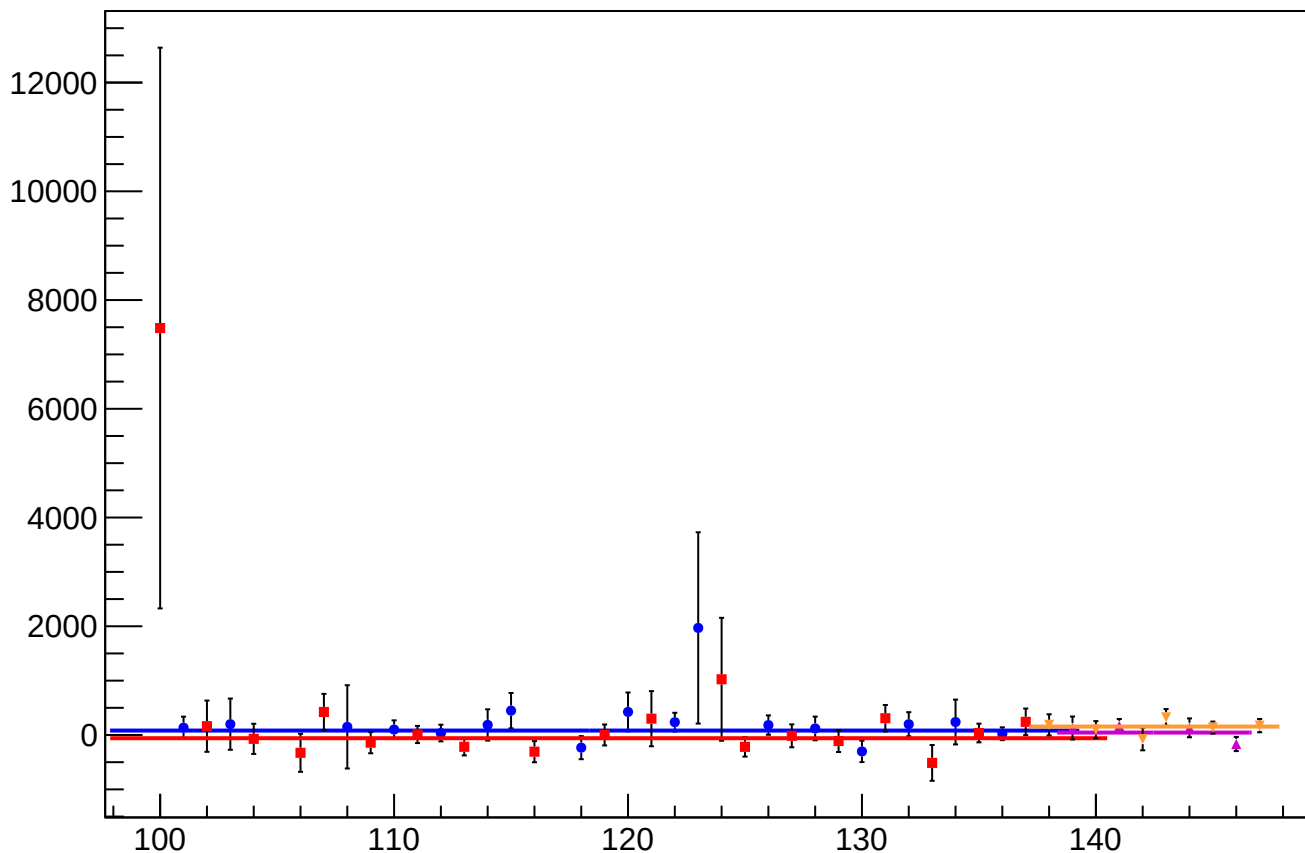
Left In: 2106.595 ± 0.826 $\chi^2/\text{NDF}: 66398.2/3$

+ sign 2569.274 ± 0.590 $\chi^2/\text{NDF}: 2703367.9/22$

All: 2659.809 ± 0.438 $\chi^2/\text{NDF}: 5535144.5/45$

- sign 2770.632 ± 0.653 $\chi^2/\text{NDF}: 2779389.7/22$

dit_asym_sam3_mean vs Slug



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

Left Out: 155.624+/-59.602 χ^2/NDF : 2.7/5

Right Out: -59.008+/-53.165 χ^2/NDF : 16.4/18

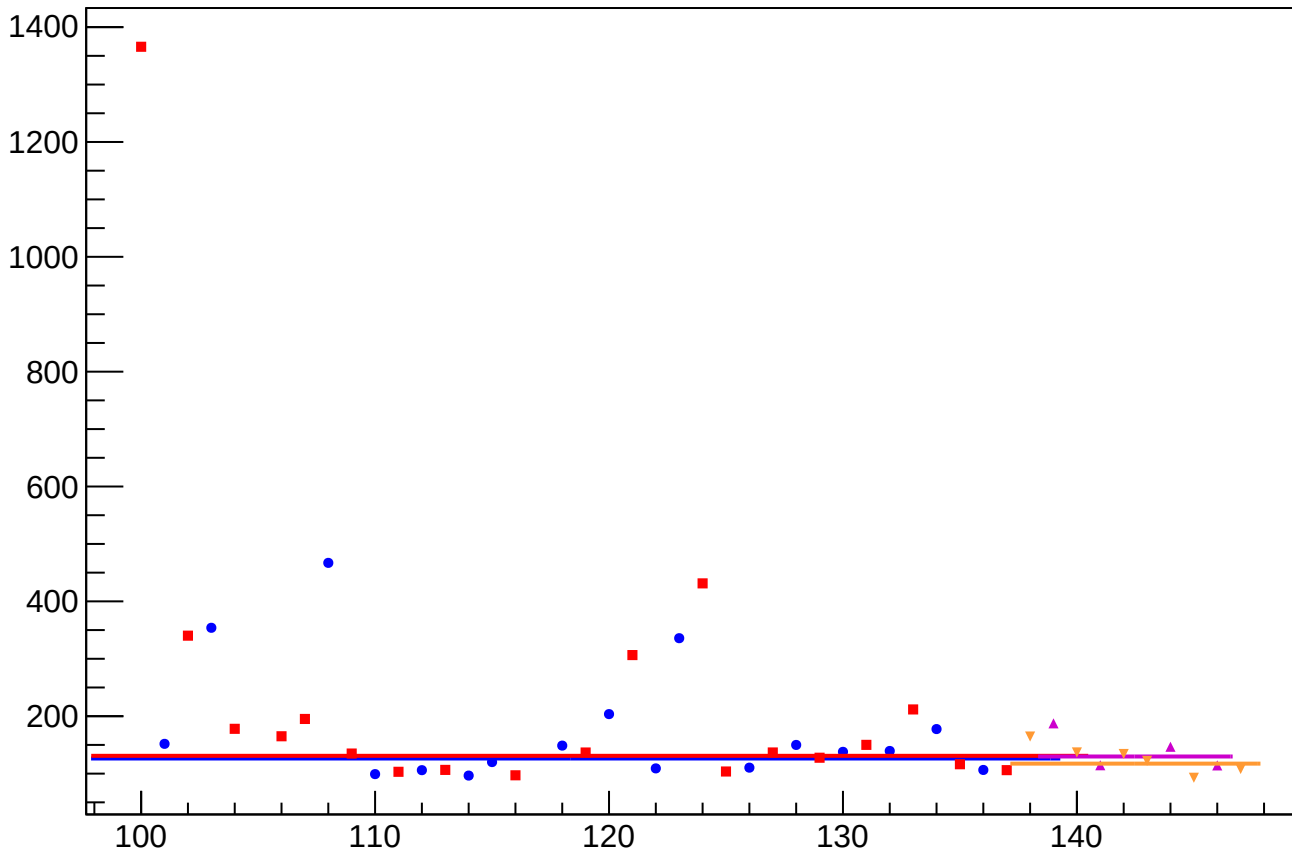
Left In: 44.548+/-75.362 χ^2/NDF : 3.9/3

+ sign 113.670+/-39.144 χ^2/NDF : 15.1/22

All: 51.715+/-29.080 χ^2/NDF : 42.3/45

- sign -24.596+/-43.443 χ^2/NDF : 21.6/22

dit_asym_sam3_rms vs Slug



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

Left Out: 117.401 $\pm$ 0.042 χ^2 /NDF: 274817.0/5

Right Out: 131.007 $\pm$ 0.038 χ^2 /NDF: 1429260.8/18

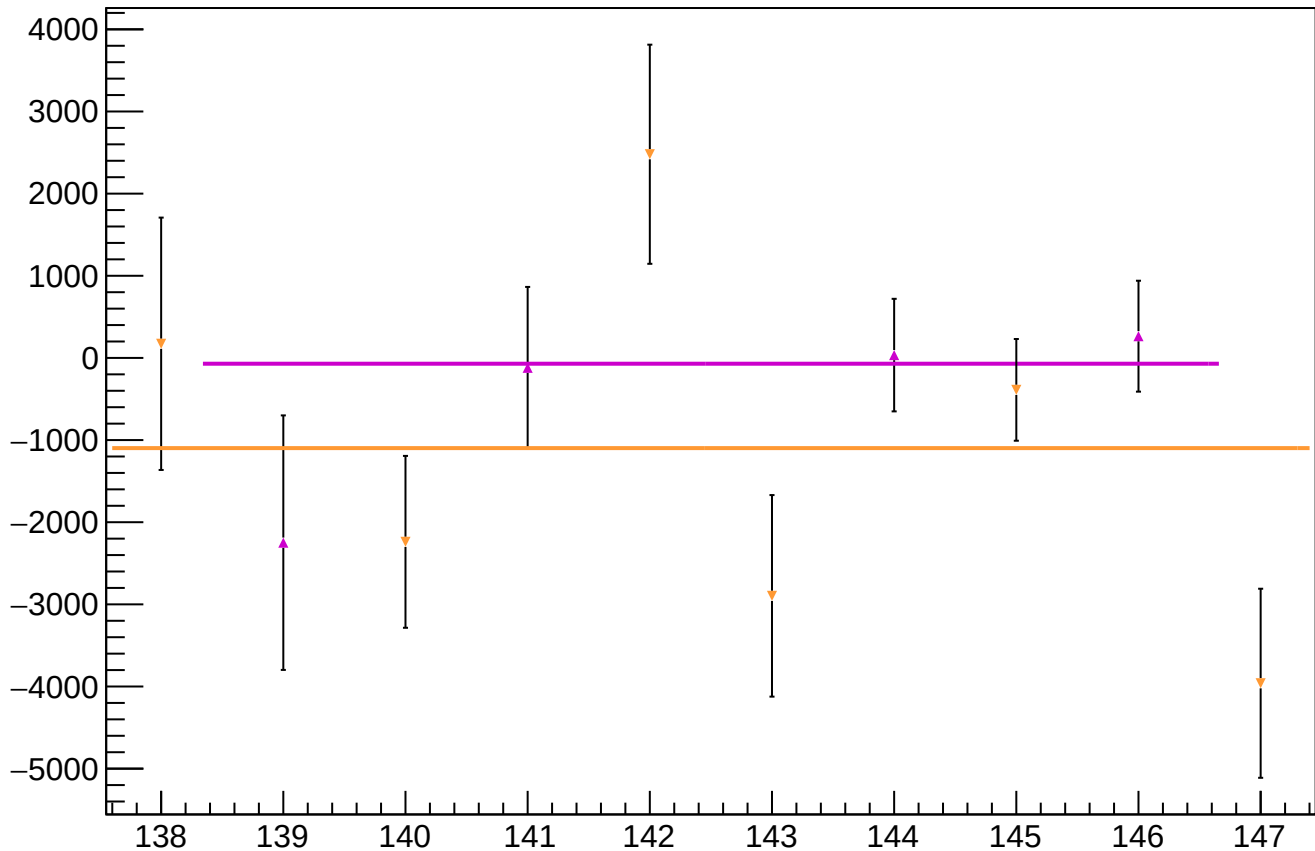
Left In: 129.835 $\pm$ 0.053 χ^2 /NDF: 225382.9/3

+ sign 122.484 $\pm$ 0.028 χ^2 /NDF: 1610978.4/22

All: 126.129 $\pm$ 0.021 χ^2 /NDF: 3304634.9/45

- sign 130.617 $\pm$ 0.031 χ^2 /NDF: 1654967.0/22

asym_sam3_correction_mean vs Slug



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

Left Out: -1097.888+/-410.728 χ^2/NDF : 18.7/5

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

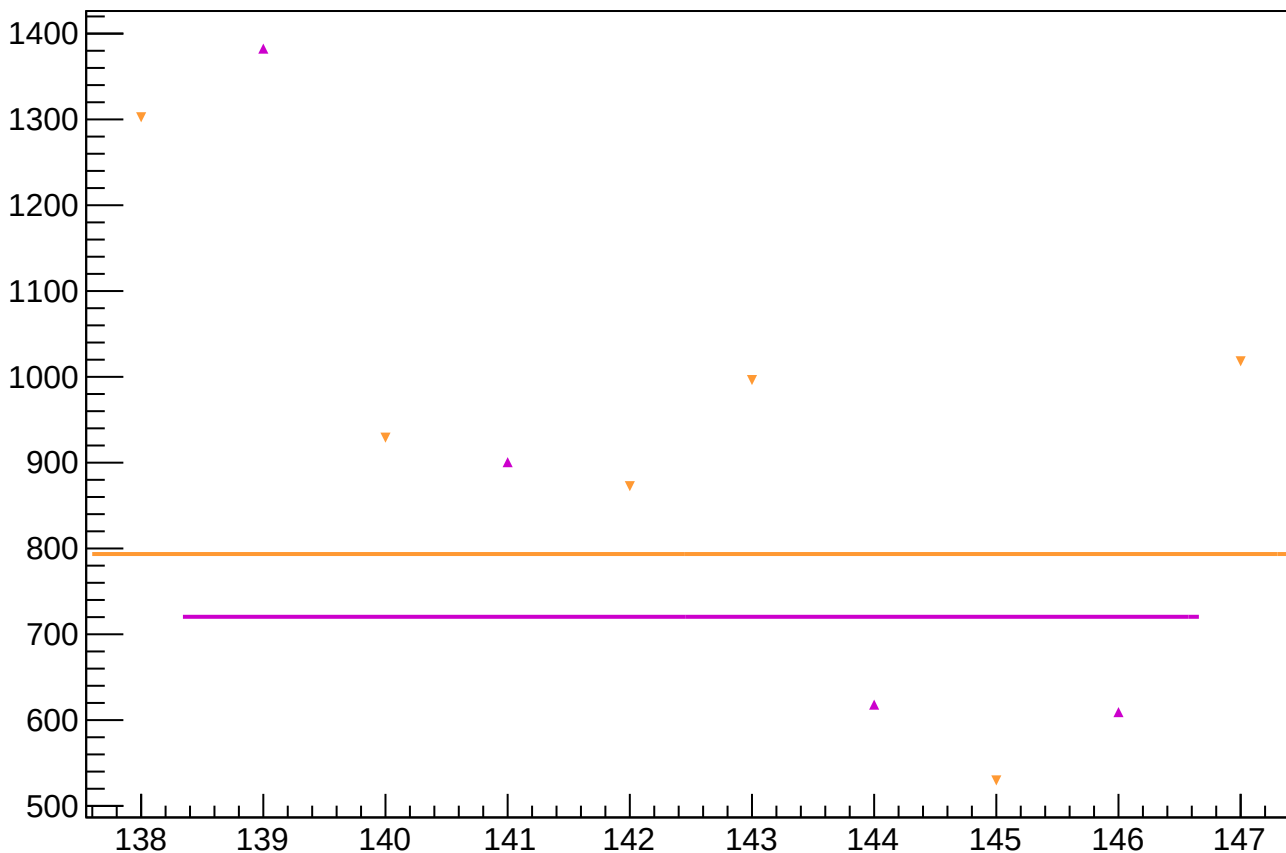
Left In: -70.586+/-416.210 χ^2/NDF : 2.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -591.047+/-292.348 χ^2/NDF : 24.1/9

- 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: 793.528+/-0.290 χ^2/NDF : 754171.6/5

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

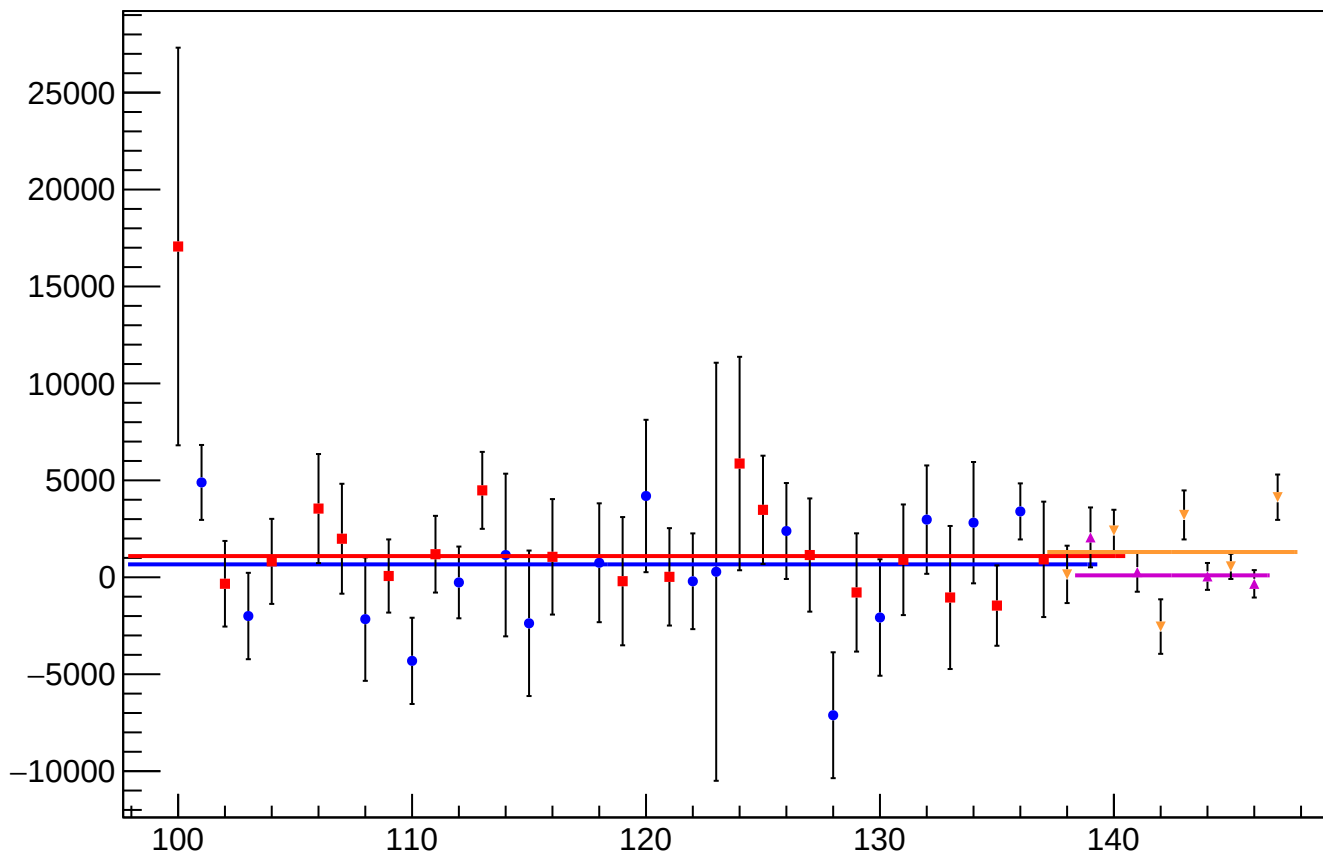
Left In: 720.391+/-0.294 χ^2/NDF : 531130.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 757.444+/-0.207 χ^2/NDF : 1316588.6/9

- 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: 1303.799+/-424.295 χ^2/NDF : 18.6/5

Right Out: 1094.278+/-602.639 χ^2/NDF : 11.0/18

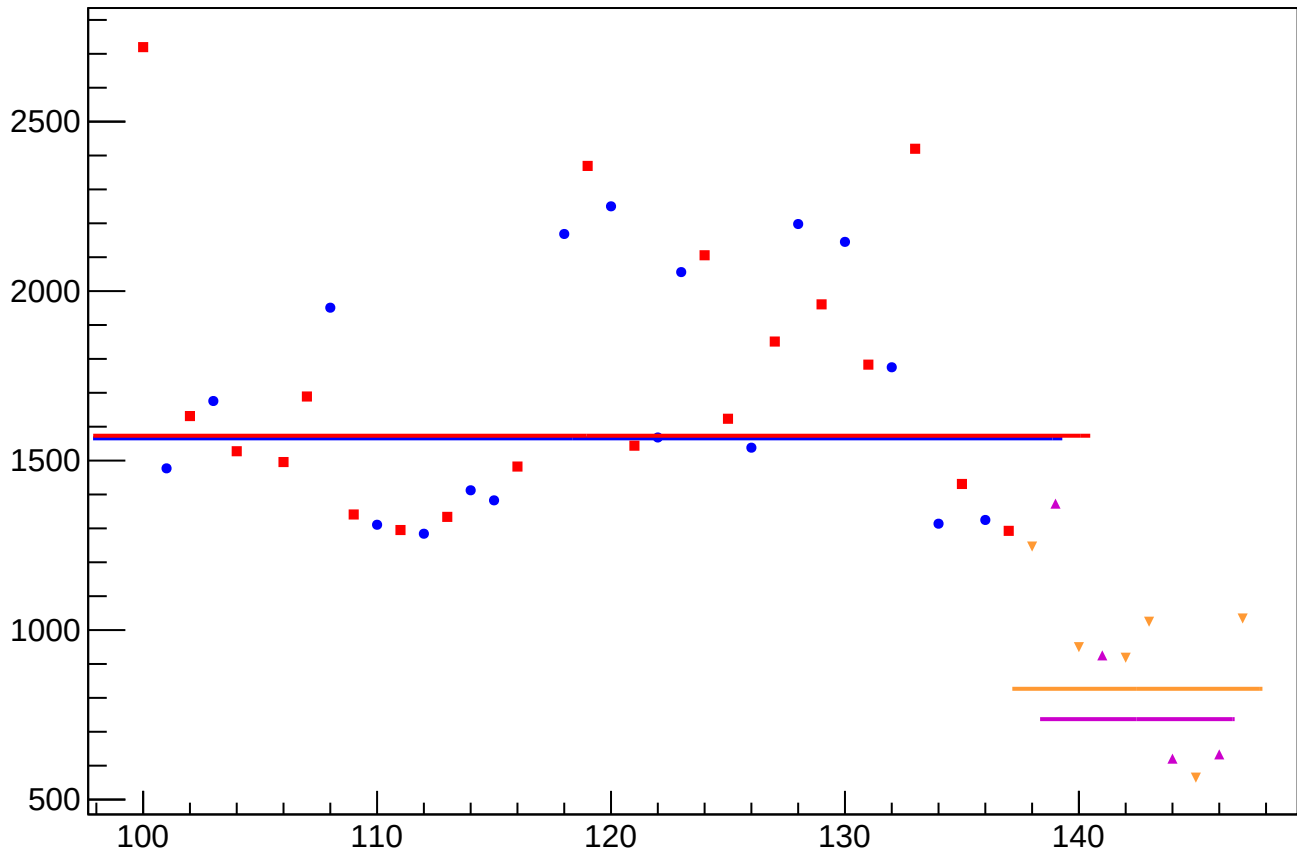
Left In: 99.663+/-427.637 χ^2/NDF : 2.0/3

+ sign 1099.996+/-349.942 χ^2/NDF : 45.0/22

All: 765.244+/-247.025 χ^2/NDF : 61.6/45

- sign 432.764+/-348.753 χ^2/NDF : 14.8/22

asym_sam3_rms vs Slug



Right In: 1565.623 ± 0.438 $\chi^2/\text{NDF}: 490790.2/16$

Left Out: 826.779 ± 0.300 $\chi^2/\text{NDF}: 632473.2/5$

Right Out: 1573.366 ± 0.426 $\chi^2/\text{NDF}: 462040.3/18$

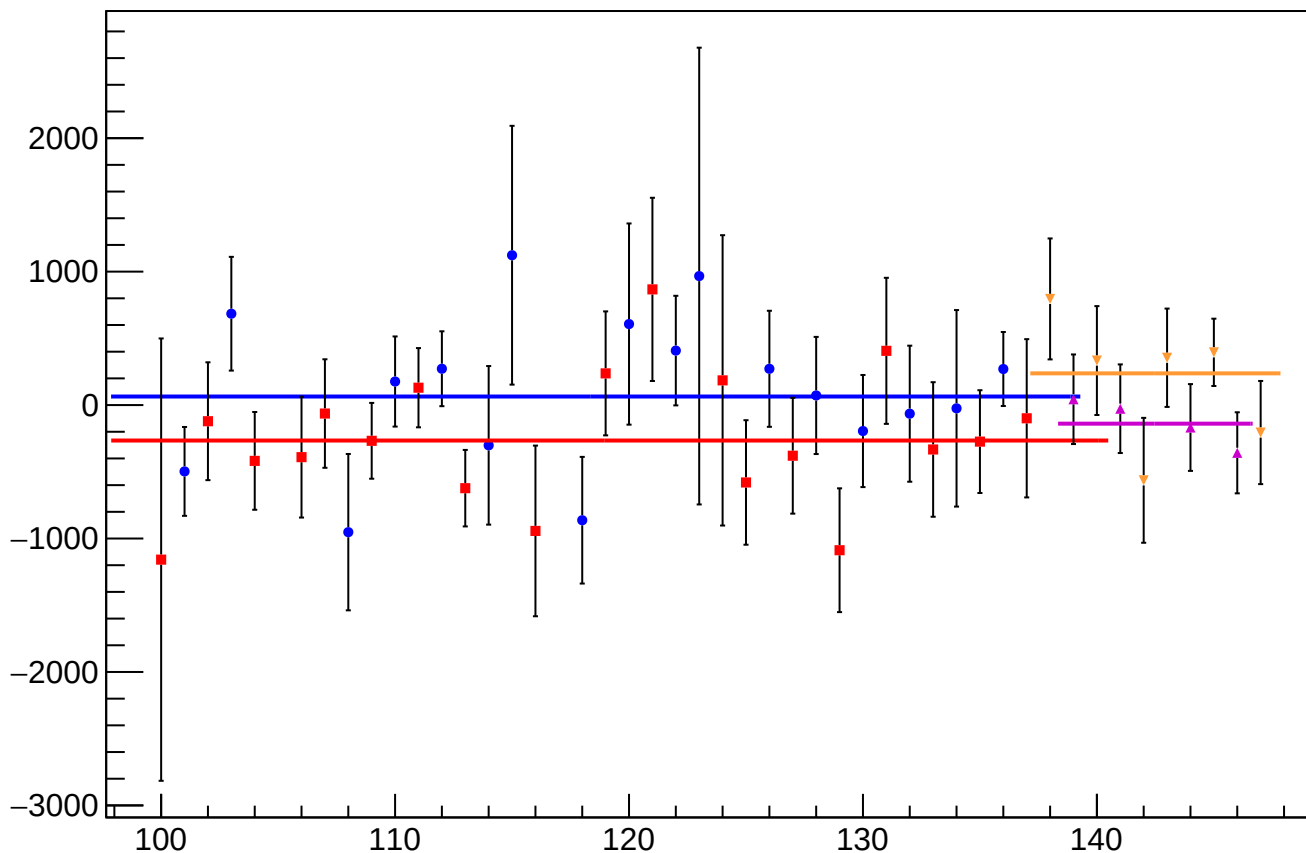
Left In: 737.241 ± 0.302 $\chi^2/\text{NDF}: 507643.3/3$

+ sign 1063.038 ± 0.247 $\chi^2/\text{NDF}: 3062525.7/22$

All: 1040.072 ± 0.175 $\chi^2/\text{NDF}: 6609977.5/45$

- sign 1017.262 ± 0.247 $\chi^2/\text{NDF}: 3530282.6/22$

dit_asym_sam4_mean vs Slug



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

Left Out: 237.684 ± 148.707 χ^2/NDF : 6.3/5

Right Out: -265.661 ± 99.379 χ^2/NDF : 14.7/18

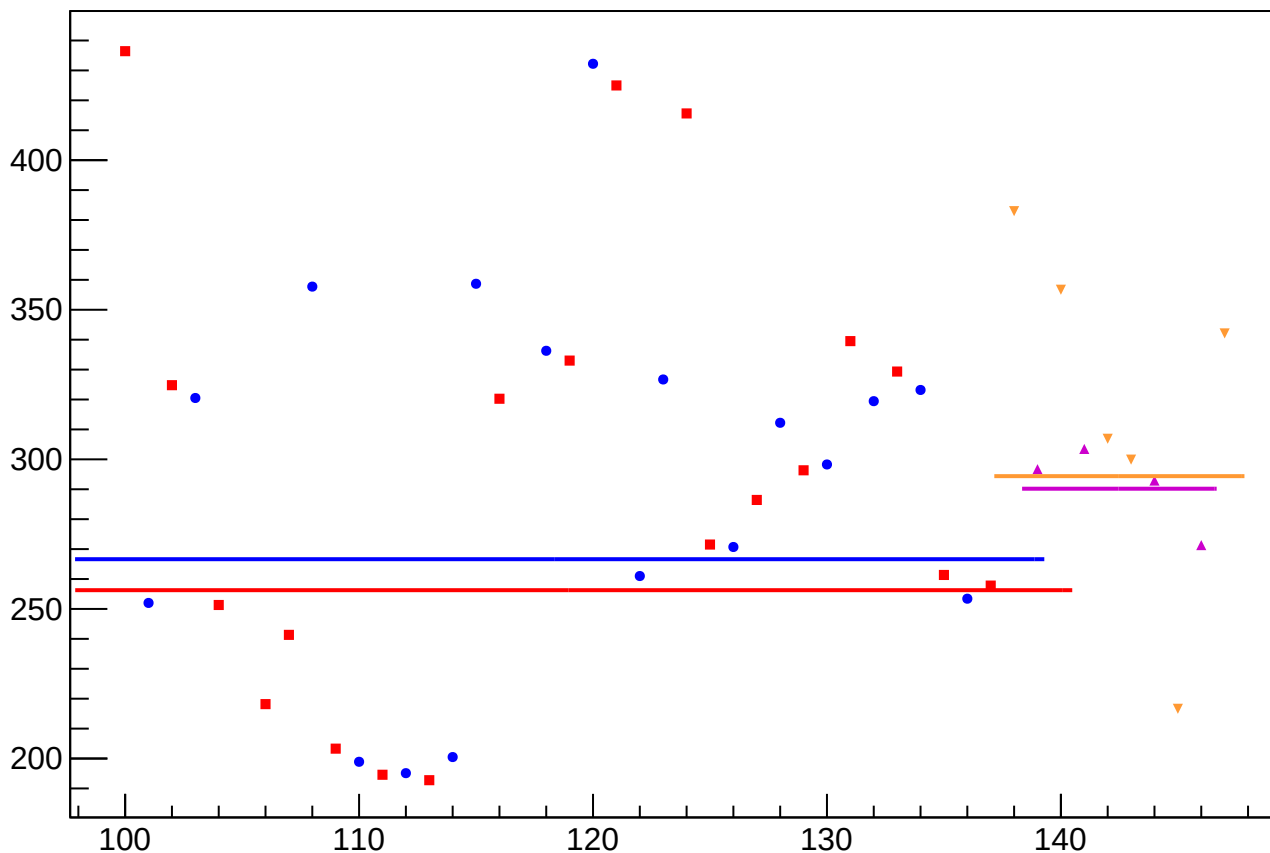
Left In: -139.330 ± 161.713 χ^2/NDF : 0.9/3

+ sign 122.088 ± 85.956 χ^2/NDF : 24.0/22

All: -57.135 ± 60.320 χ^2/NDF : 48.6/45

- sign -231.030 ± 84.669 χ^2/NDF : 16.1/22

dit_asym_sam4_rms vs Slug



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

Left Out: 294.384 $\pm$ 0.105 χ^2 /NDF:345502.1/5

Right Out: 256.268 $\pm$ 0.070 χ^2 /NDF: 696896.2/18

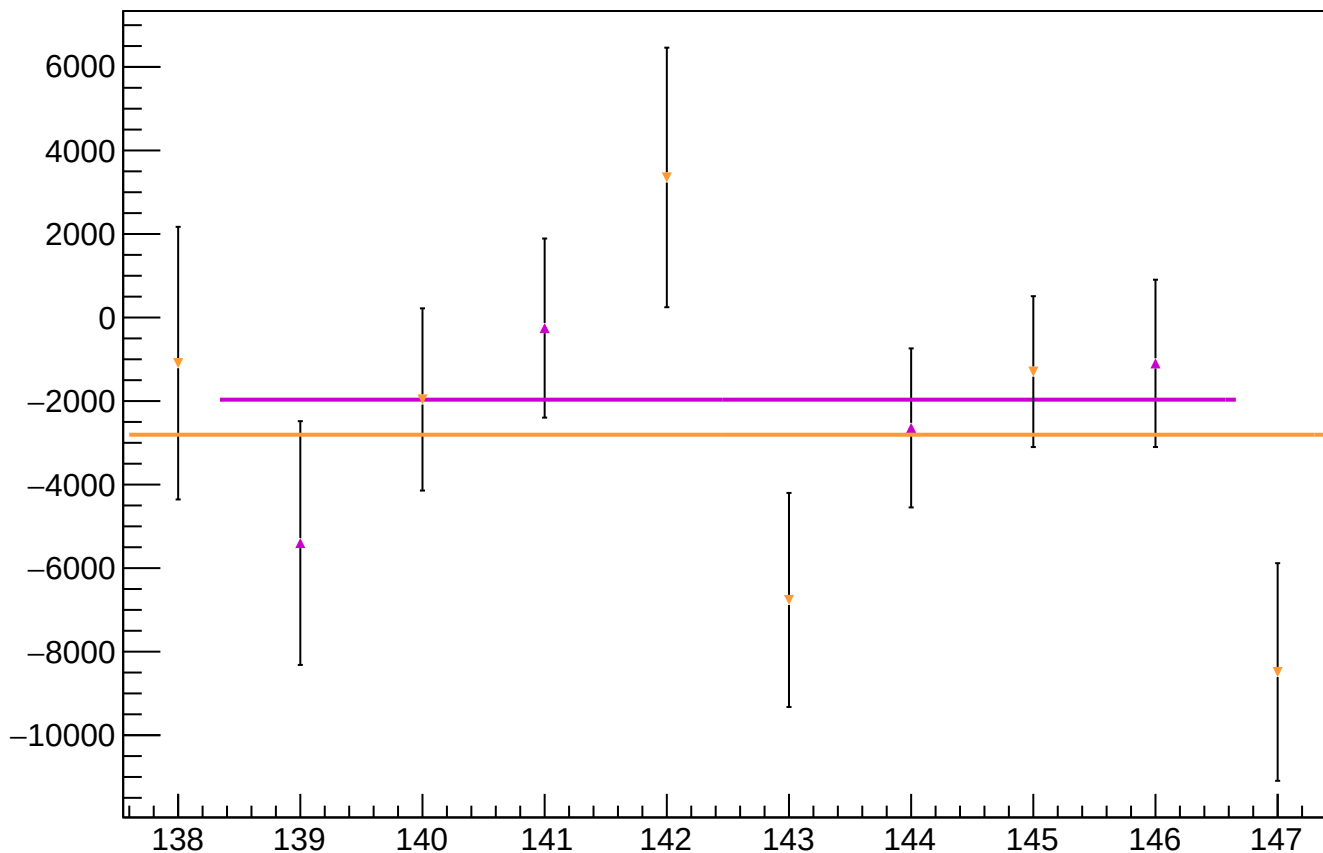
Left In: 290.185 $\pm$ 0.114 χ^2 /NDF:11808.9/3

+ sign 275.899 $\pm$ 0.061 χ^2 /NDF: 942662.5/22

All: 270.655 $\pm$ 0.043 χ^2 /NDF: 1729896.7/45

- sign 265.566 $\pm$ 0.060 χ^2 /NDF: 772564.4/22

asym_sam4_correction_mean vs Slug



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

Left Out: -2806.079+/-993.218 χ^2/NDF :12.2/5

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

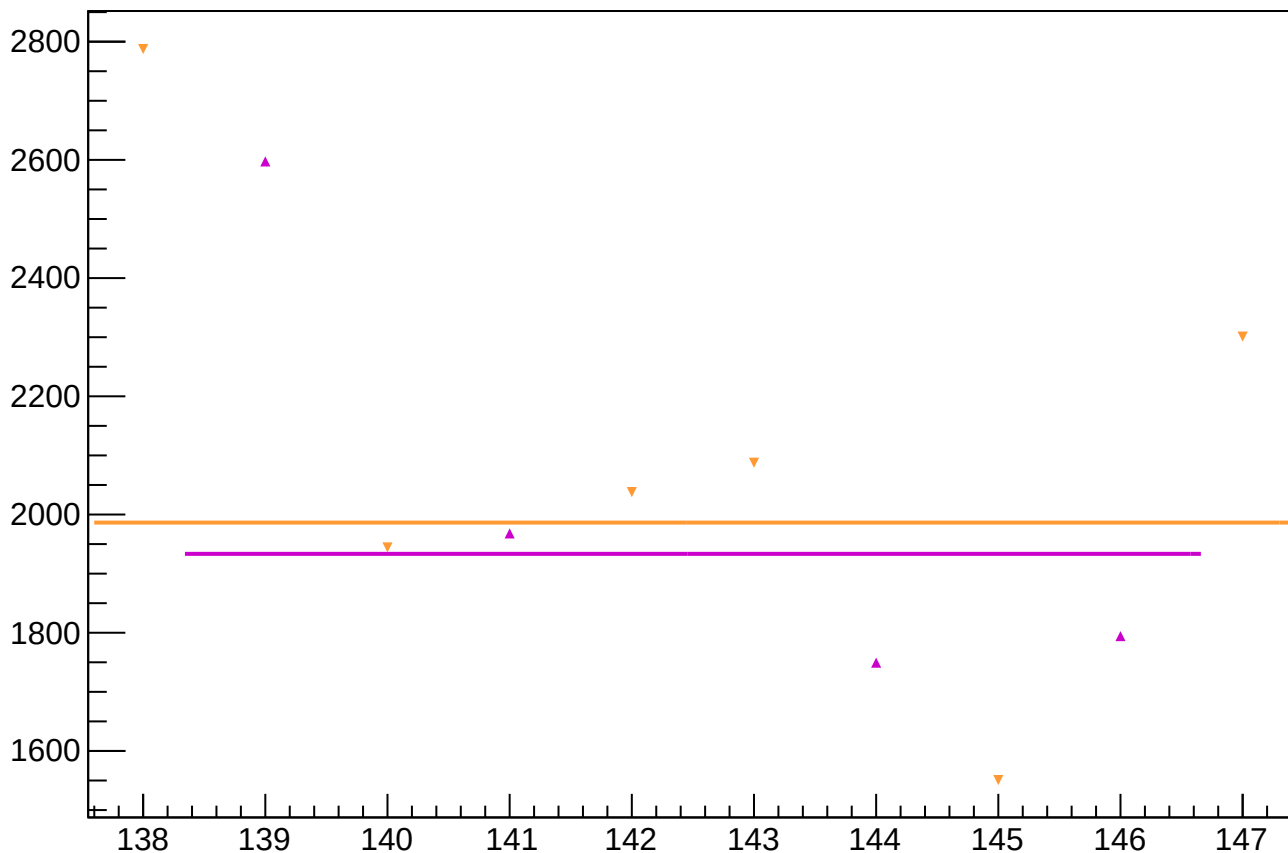
Left In: -1966.762+/-1078.273 χ^2/NDF :2.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2420.824+/-730.532 χ^2/NDF : 14.9/9

- 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: 1986.371+/-0.702 χ^2/NDF : 270416.1/5

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

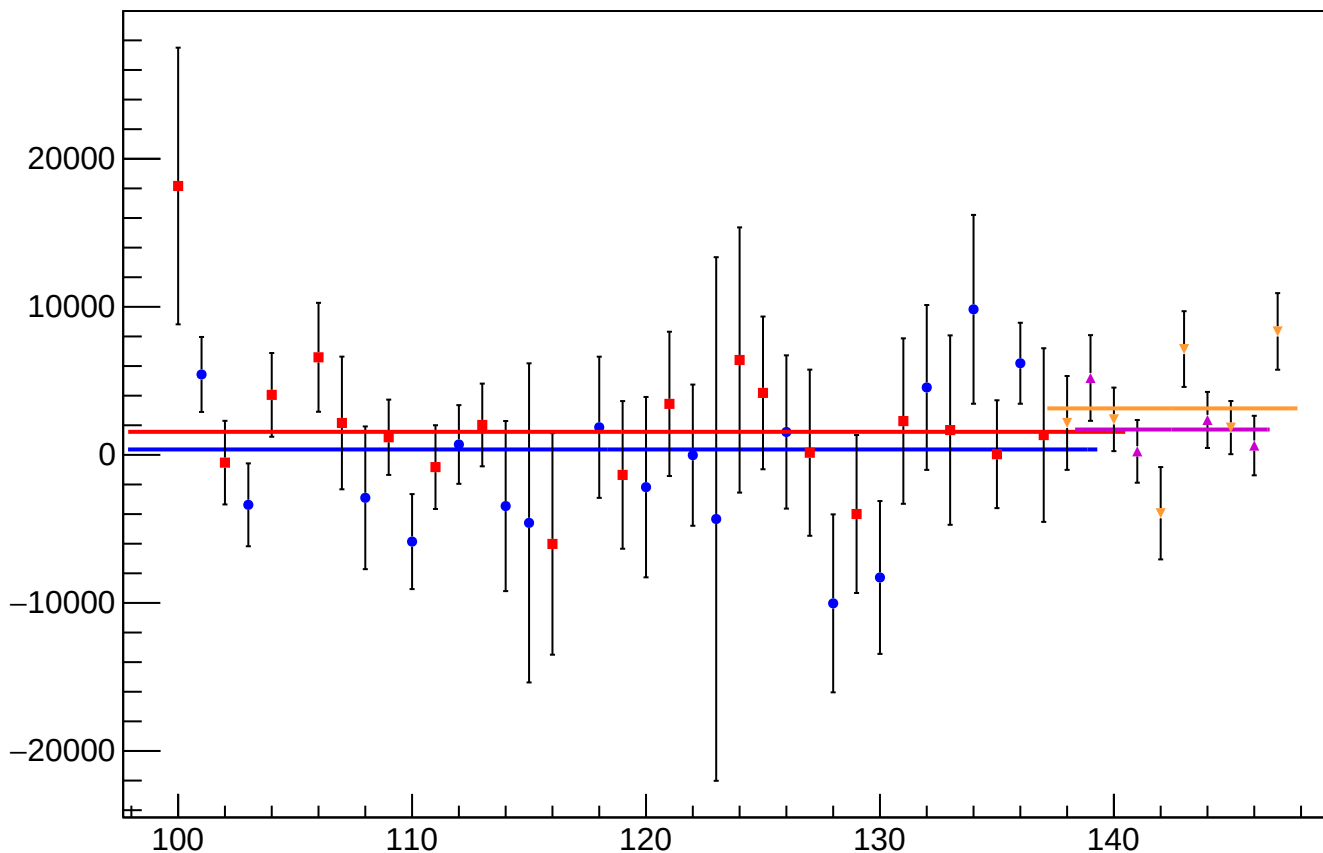
Left In: 1933.470+/-0.762 χ^2/NDF : 132384.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1962.089+/-0.517 χ^2/NDF : 405405.2/9

- 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: 3140.521+/-984.361 χ^2/NDF :12.4/5

Right Out: 1557.388+/-924.003 χ^2/NDF : 10.5/18

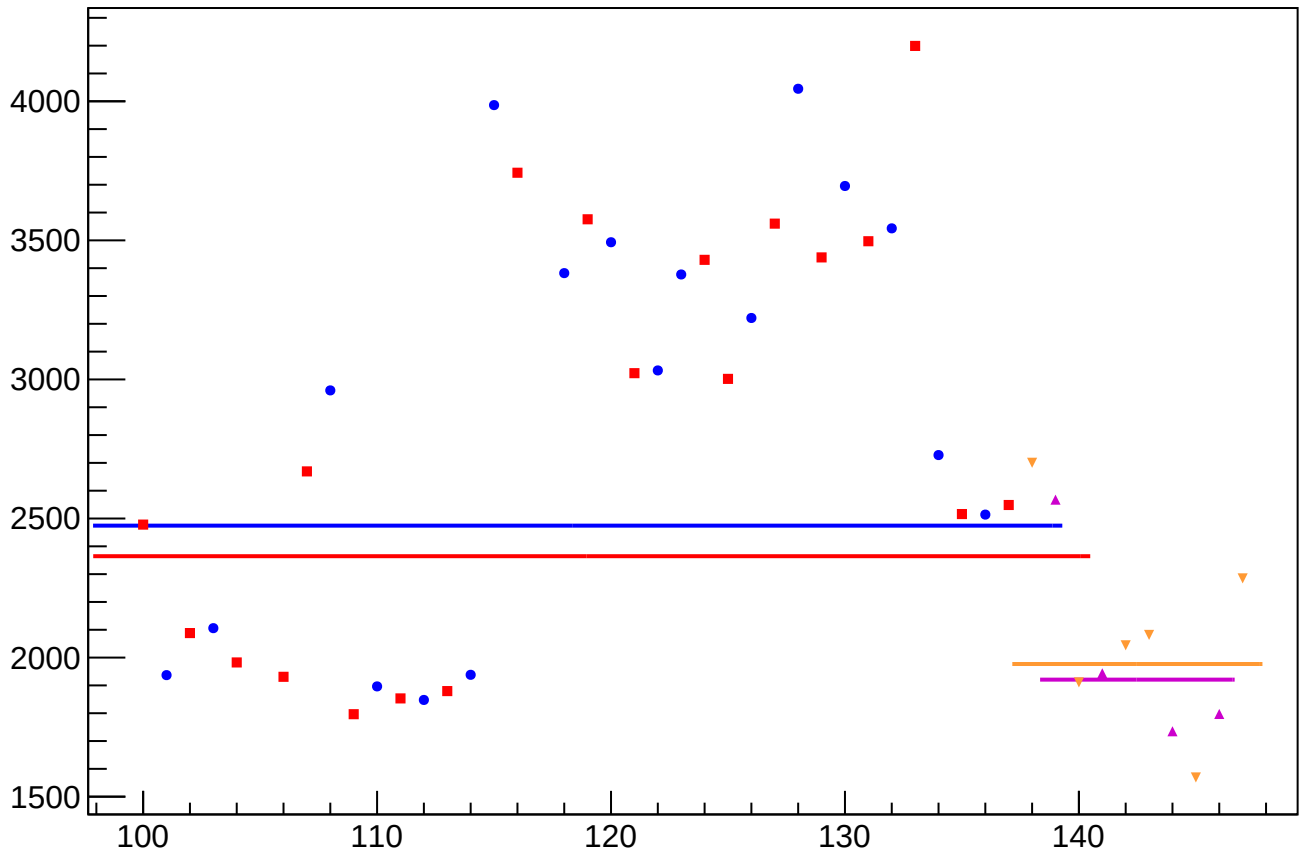
Left In: 1712.406+/-1073.115 χ^2/NDF :2.3/3

+ sign 1764.881+/-698.901 χ^2/NDF : 40.5/22

All: 1694.266+/-494.657 χ^2/NDF : 53.4/45

- sign 1623.387+/-700.202 χ^2/NDF : 12.9/22

asym_sam4_rms vs Slug



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

Left Out: 1976.945+/-0.696 χ^2/NDF : 241852.5/5

Right Out: 2364.507+/-0.653 χ^2/NDF : 1023402.8/18

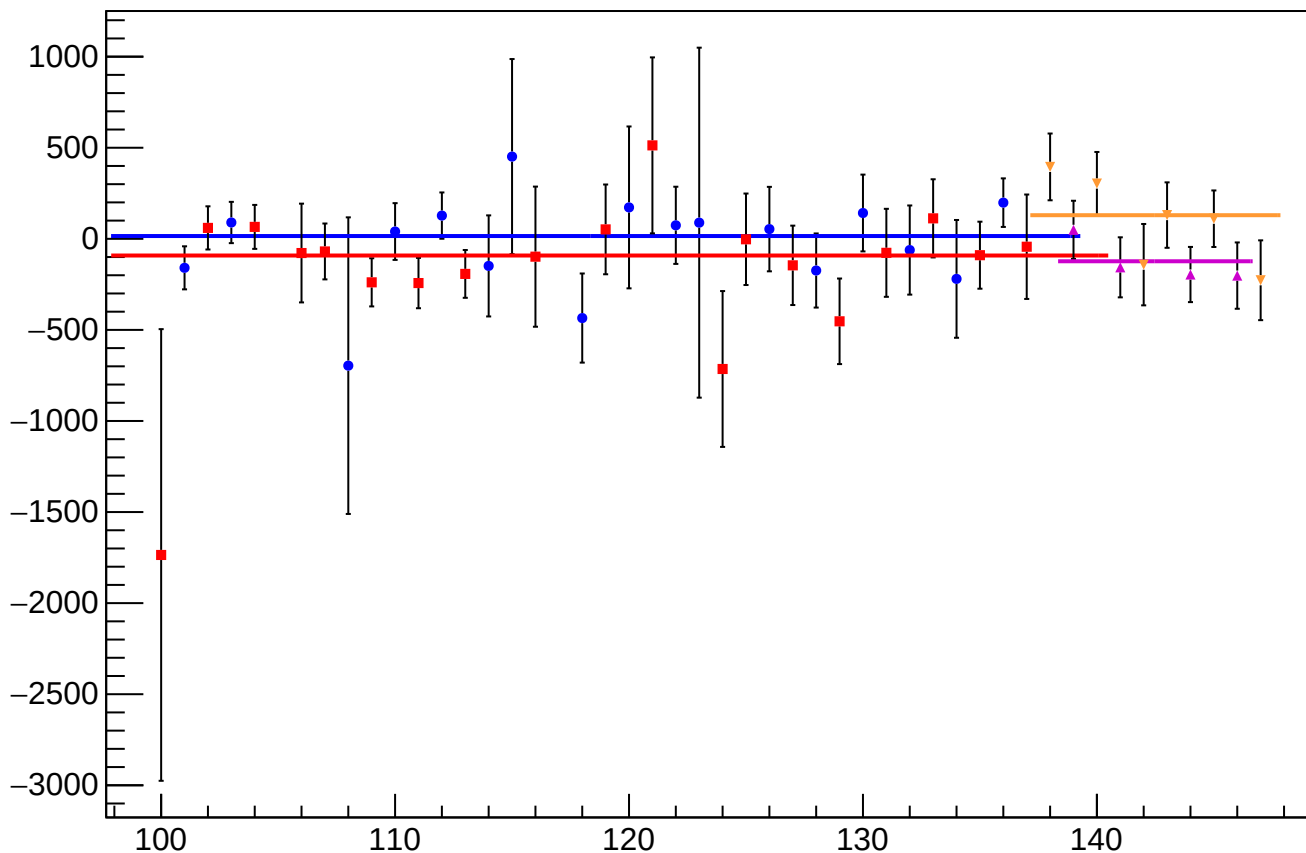
Left In: 1920.742+/-0.759 χ^2/NDF : 126908.6/3

+ sign 2223.624+/-0.494 χ^2/NDF : 1401392.7/22

All: 2199.644+/-0.350 χ^2/NDF : 2752823.3/45

- sign 2175.574+/-0.495 χ^2/NDF : 1346712.9/22

dit_asym_sam5_mean vs Slug



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

Left Out: 129.686+/-75.285 χ^2/NDF : 7.2/5

Right Out: -91.634+/-43.318 χ^2/NDF : 15.7/18

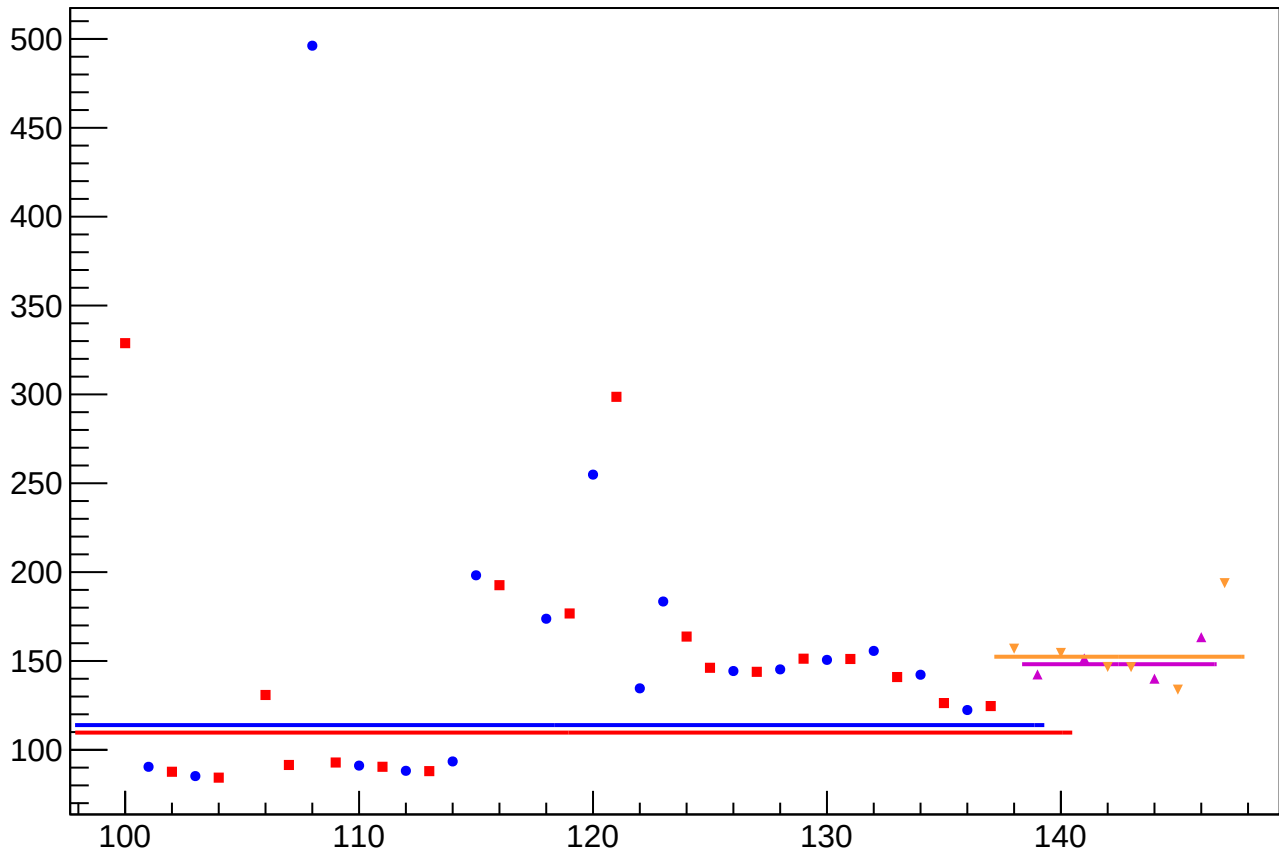
Left In: -123.243+/-81.713 χ^2/NDF : 1.6/3

+ sign 46.834+/-39.527 χ^2/NDF : 21.5/22

All: -28.211+/-27.496 χ^2/NDF : 45.9/45

- sign -98.568+/-38.273 χ^2/NDF : 17.4/22

dit_asym_sam5_rms vs Slug



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

Left Out: 152.401 $\pm$ 0.053 χ^2 /NDF:104877.9/5

Right Out: 109.709 $\pm$ 0.031 χ^2 /NDF: 1242014.6/18

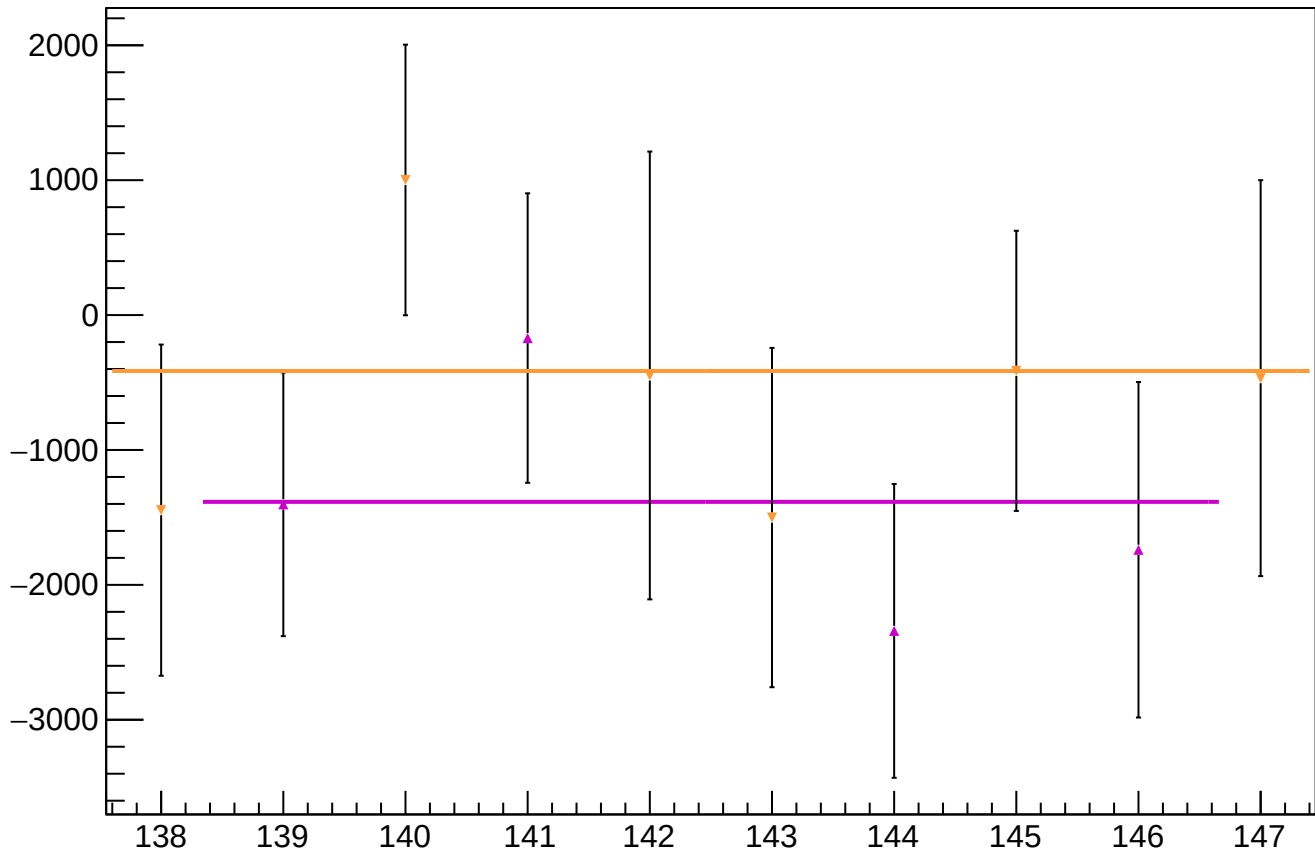
Left In: 148.184 $\pm$ 0.058 χ^2 /NDF:23105.7/3

+ sign 124.536 $\pm$ 0.028 χ^2 /NDF: 1890985.5/22

All: 121.240 $\pm$ 0.019 χ^2 /NDF: 3529174.5/45

- sign 118.150 $\pm$ 0.027 χ^2 /NDF: 1611244.2/22

asym_sam5_correction_mean vs Slug



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

Left Out: -414.516+/-497.231 χ^2/NDF : 3.4/5

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

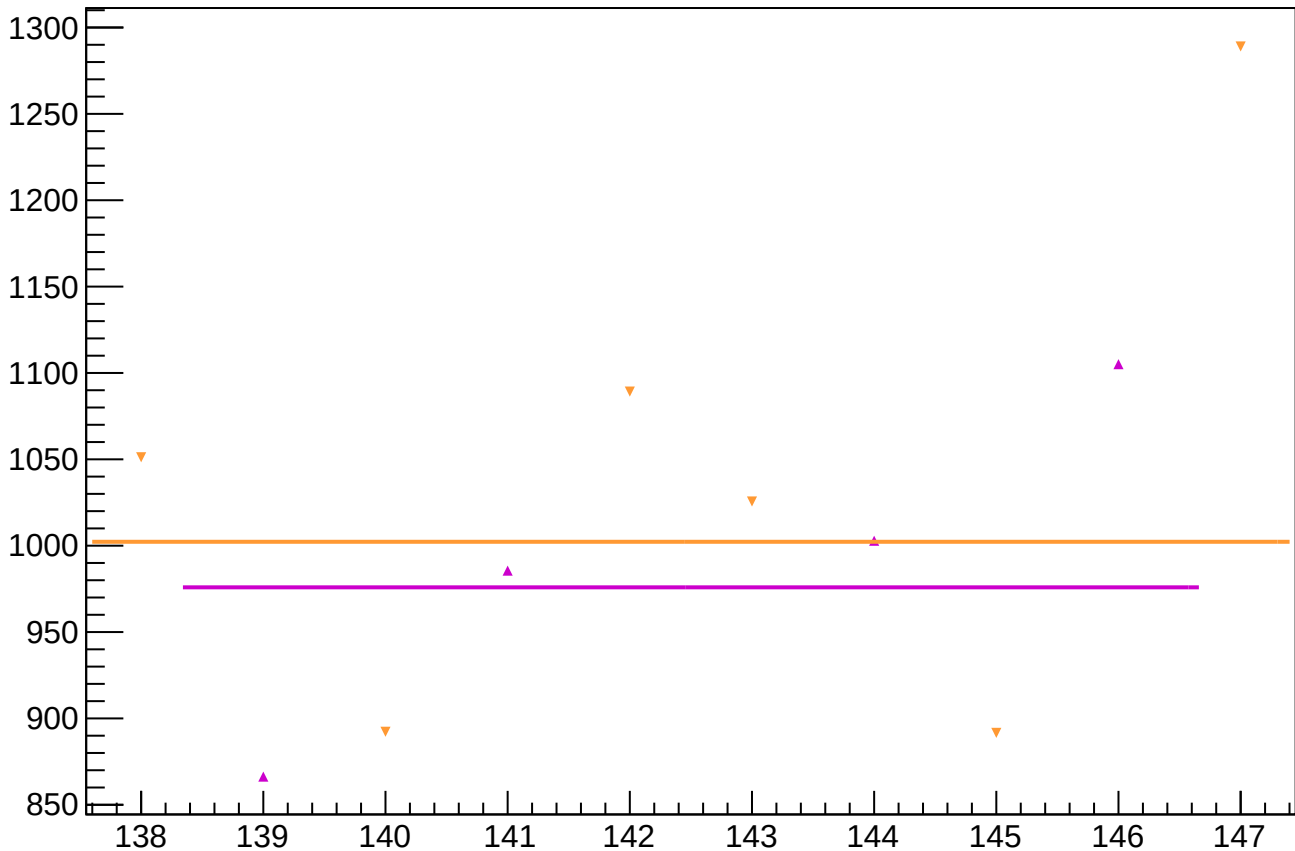
Left In: -1384.642+/-541.933 χ^2/NDF : 2.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -857.924+/-366.381 χ^2/NDF : 7.3/9

- 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: 1002.264+/-0.352 χ^2/NDF : 132470.0/5

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

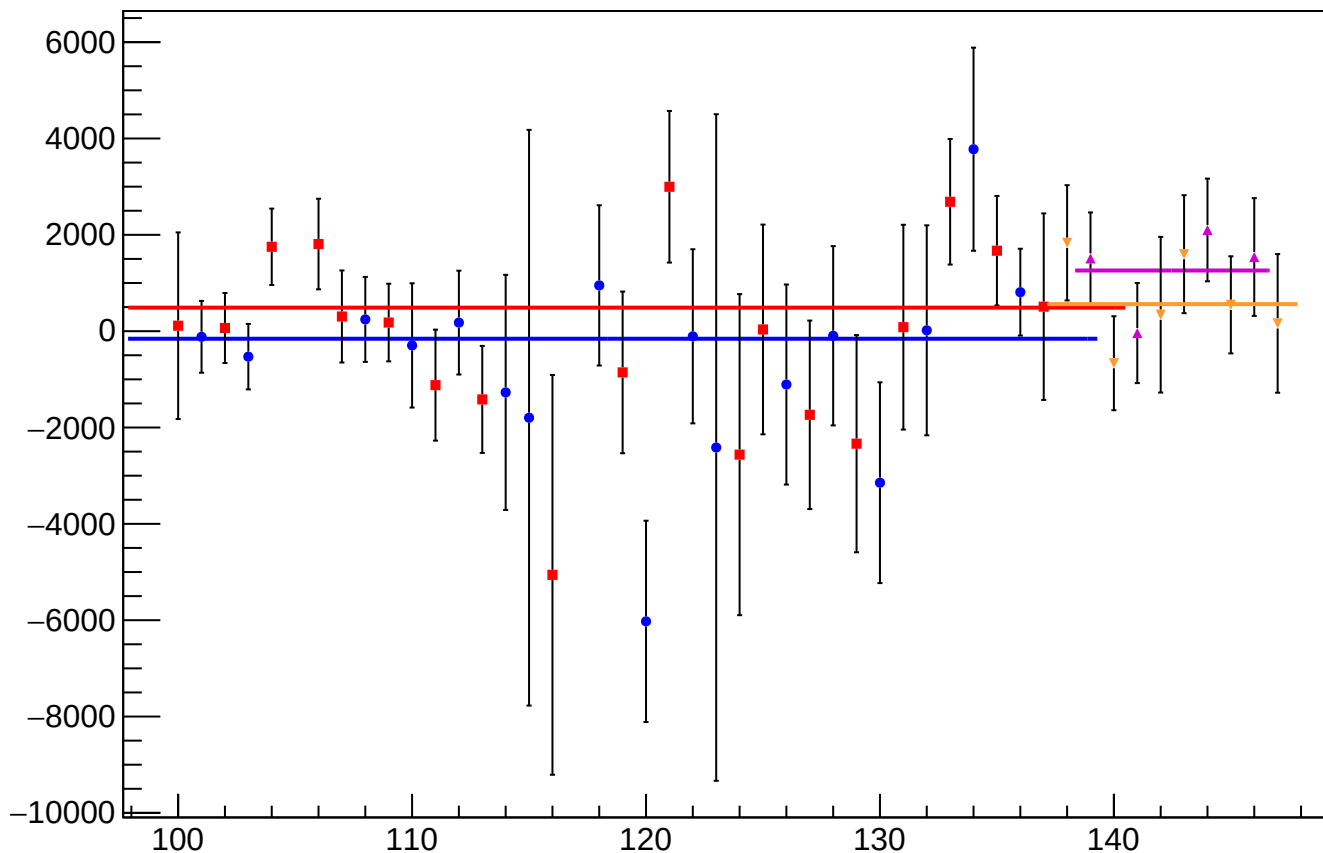
Left In: 975.889+/-0.383 χ^2/NDF : 48119.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 990.209+/-0.259 χ^2/NDF : 183161.0/9

- 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: 561.454+/-484.183 χ^2/NDF : 3.5/5

Right Out: 488.583+/-282.758 χ^2/NDF : 22.6/18

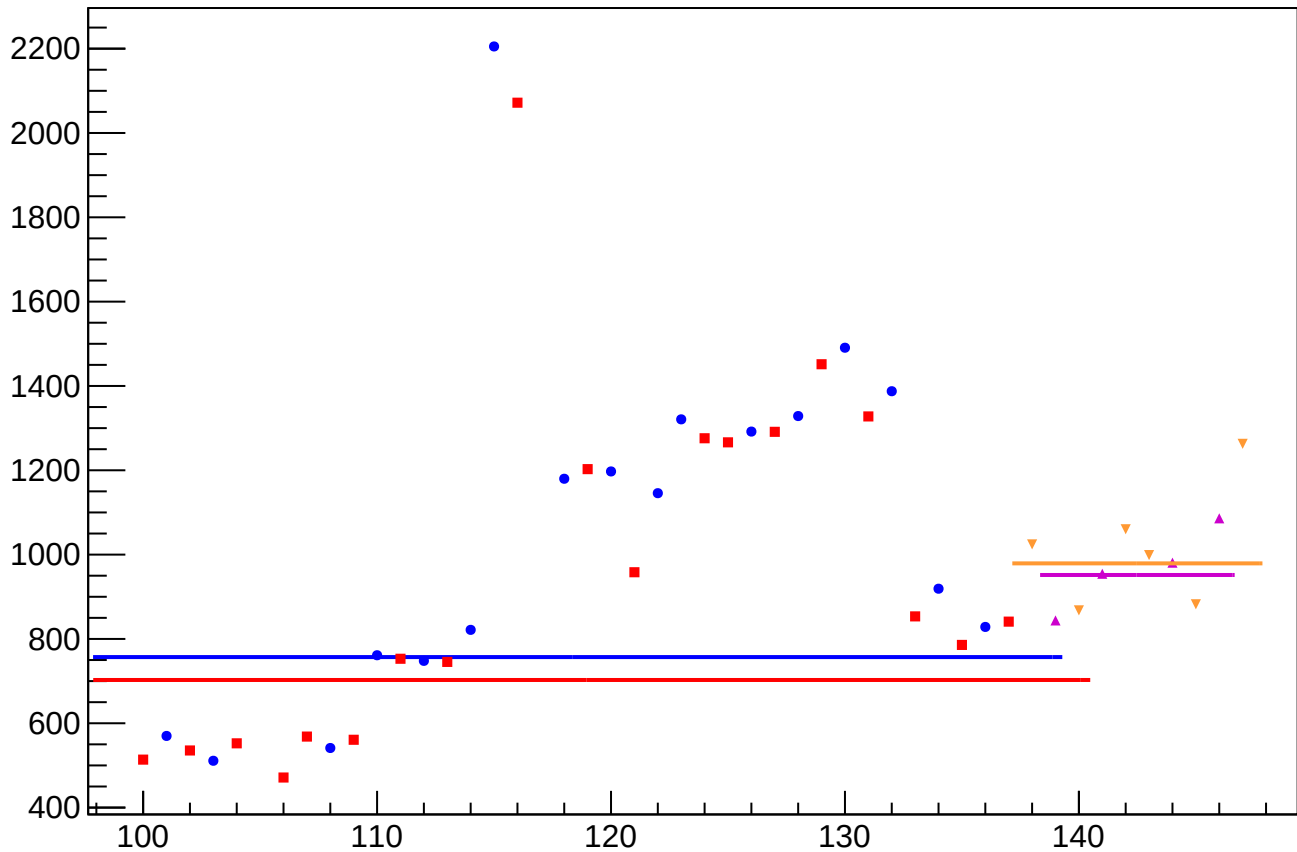
Left In: 1259.858+/-529.036 χ^2/NDF : 2.3/3

+ sign 54.147+/-262.562 χ^2/NDF : 21.3/22

All: 372.647+/-180.817 χ^2/NDF : 50.7/45

- sign 659.955+/-249.374 χ^2/NDF : 26.6/22

asym_sam5_rms vs Slug



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

Left Out: 979.208 $\pm$ 0.342 χ^2 /NDF:130615.8/5

Right Out: 702.656 $\pm$ 0.200 χ^2 /NDF: 1689579.7/18

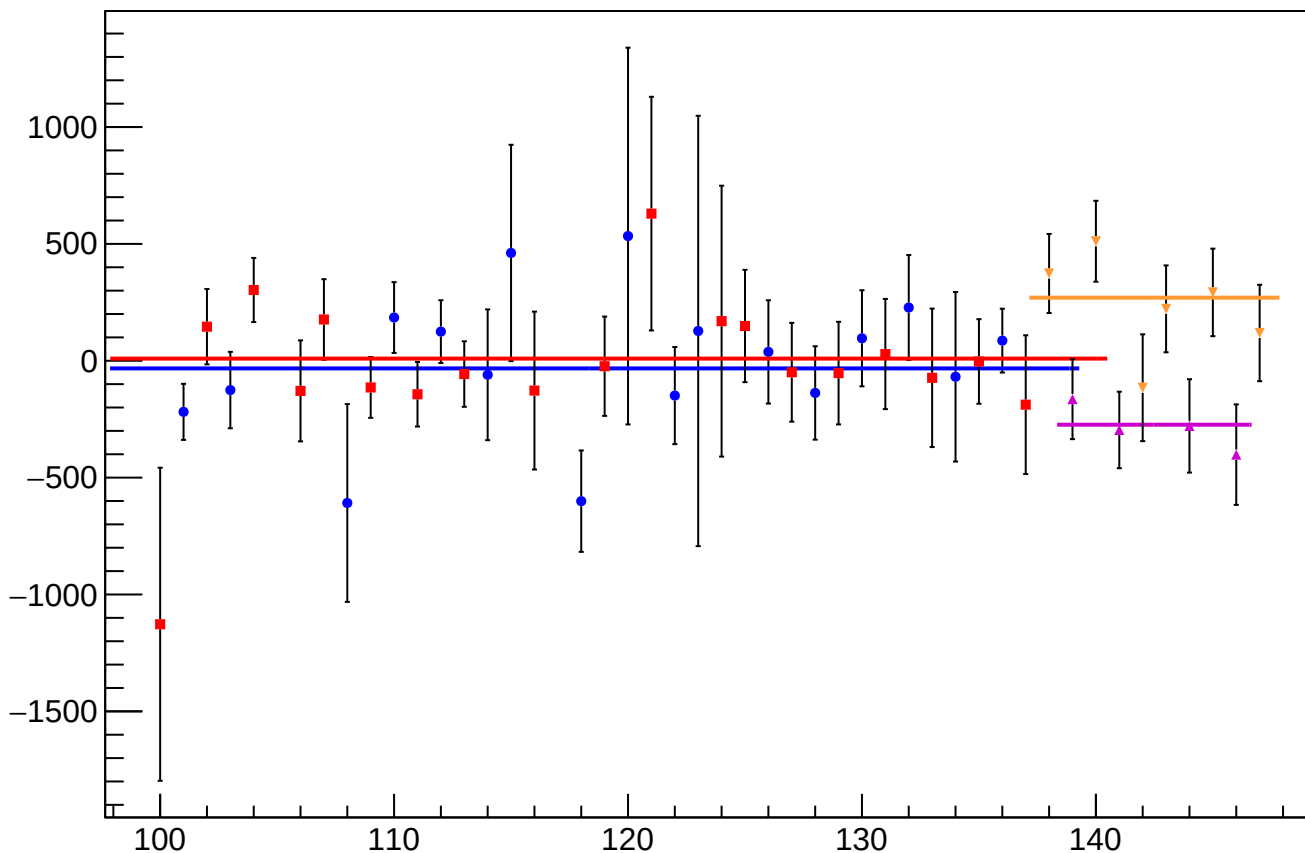
Left In: 951.685 $\pm$ 0.374 χ^2 /NDF:51216.1/3

+ sign 822.333 $\pm$ 0.186 χ^2 /NDF: 2139311.1/22

All: 788.504 $\pm$ 0.128 χ^2 /NDF: 4287947.3/45

- sign 757.989 $\pm$ 0.176 χ^2 /NDF: 2085487.6/22

dit_asym_sam6_mean vs Slug



Right In: -32.694 ± 48.431 $\chi^2/\text{NDF}: 19.7/16$

Left Out: 269.937 ± 77.046 $\chi^2/\text{NDF}: 5.8/5$

Right Out: 9.277 ± 45.600 $\chi^2/\text{NDF}: 14.7/18$

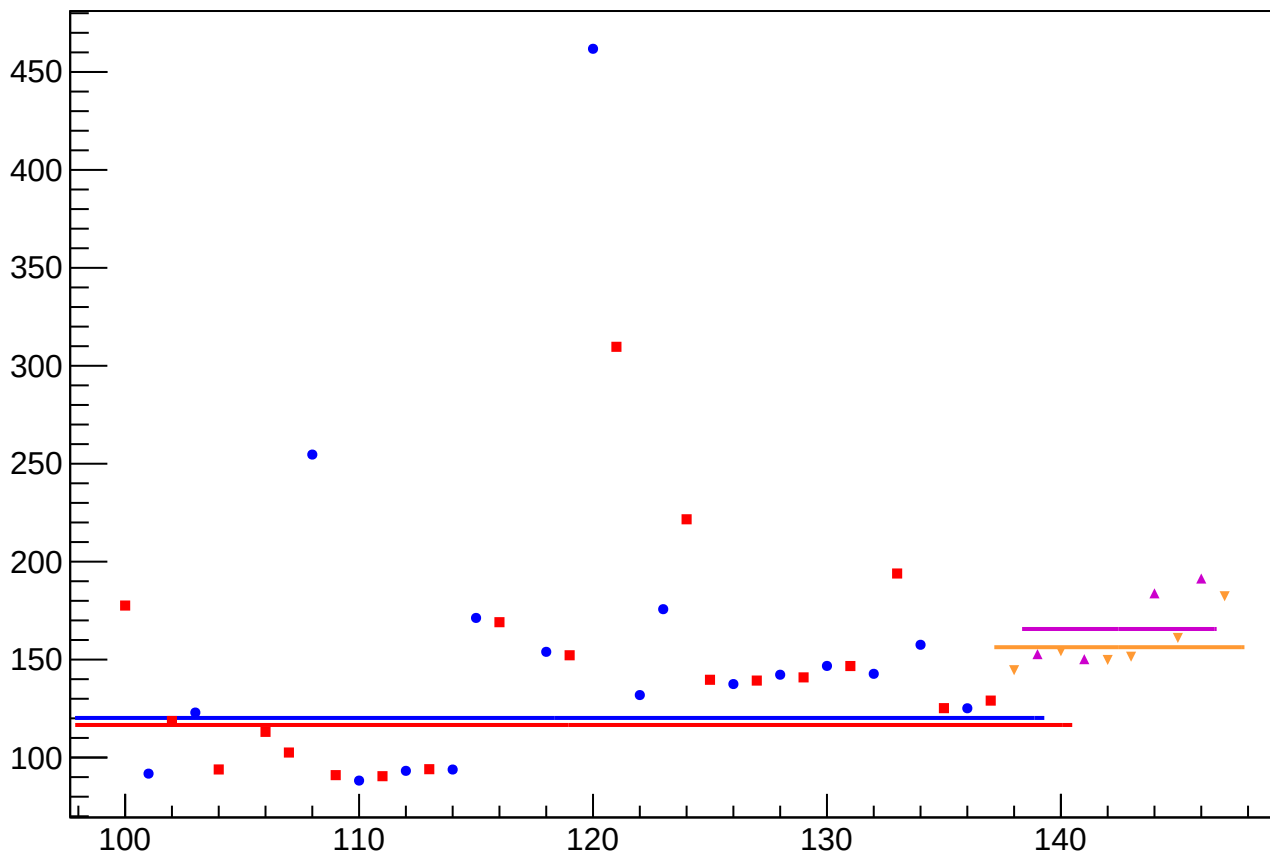
Left In: -273.598 ± 92.007 $\chi^2/\text{NDF}: 0.8/3$

+ sign 53.020 ± 41.003 $\chi^2/\text{NDF}: 36.6/22$

All: 3.080 ± 28.942 $\chi^2/\text{NDF}: 62.6/45$

- sign -46.504 ± 40.857 $\chi^2/\text{NDF}: 23.1/22$

dit_asym_sam6_rms vs Slug



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

Left Out: 156.324 $\pm$ 0.054 χ^2 /NDF: 46013.1/5

Right Out: 116.618 $\pm$ 0.032 χ^2 /NDF: 997956.6/18

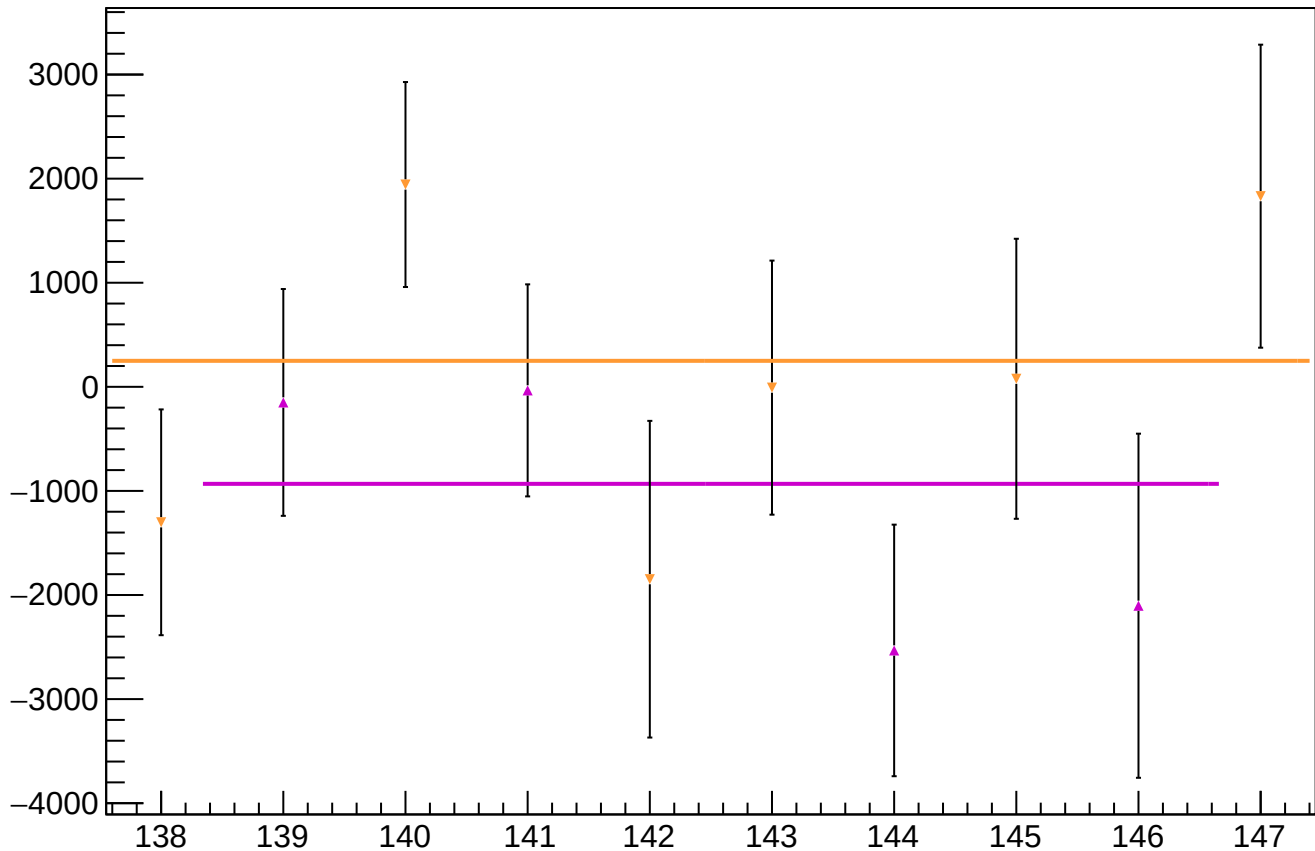
Left In: 165.624 $\pm$ 0.065 χ^2 /NDF: 74277.8/3

+ sign 130.436 $\pm$ 0.029 χ^2 /NDF: 1423362.3/22

All: 128.351 $\pm$ 0.020 χ^2 /NDF: 2961402.1/45

- sign 126.282 $\pm$ 0.029 χ^2 /NDF: 1527737.2/22

asym_sam6_correction_mean vs Slug



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

Left Out: 249.719+/-499.382 χ^2/NDF : 8.1/5

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

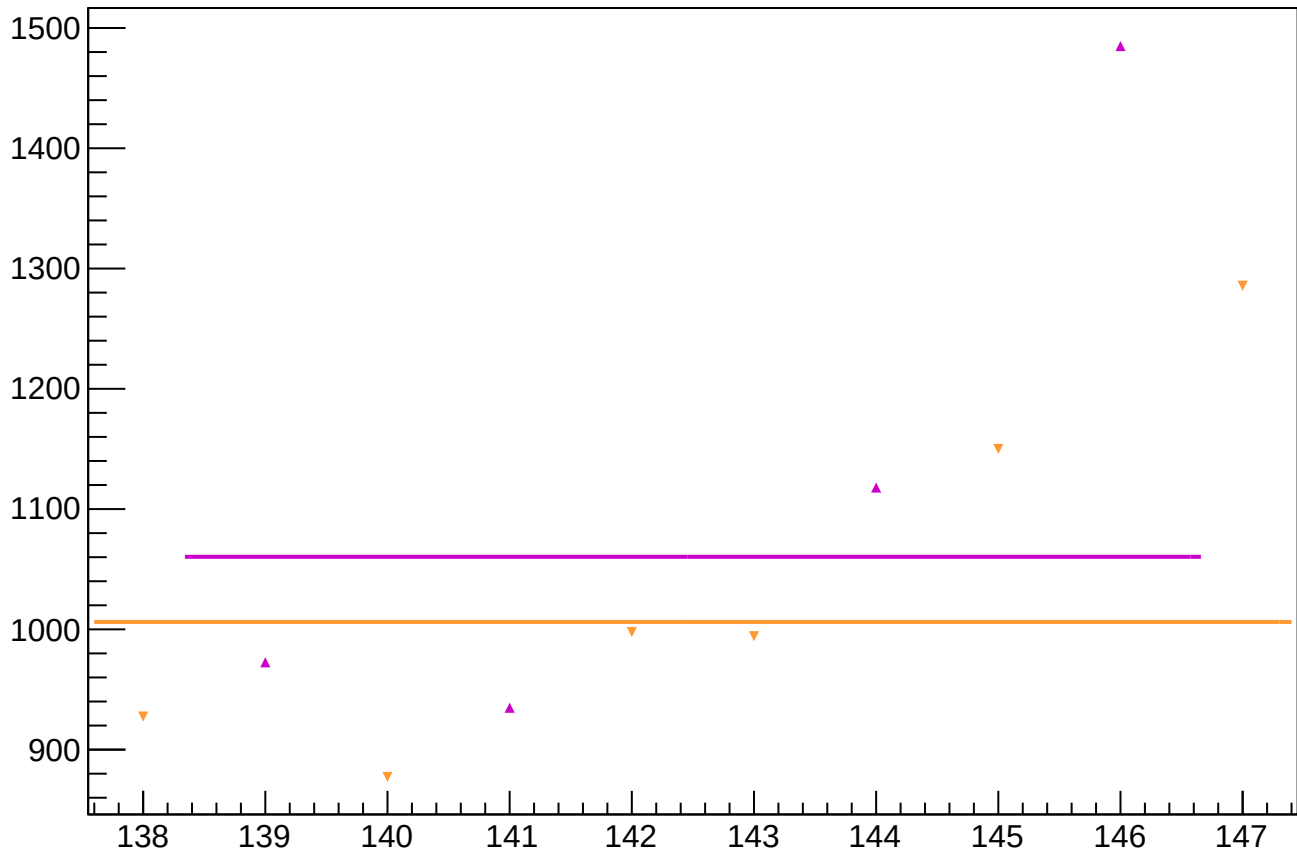
Left In: -932.088+/-591.627 χ^2/NDF : 3.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.971+/-381.611 χ^2/NDF : 14.0/9

- 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: 1006.152+/-0.353 χ^2/NDF : 141668.7/5

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

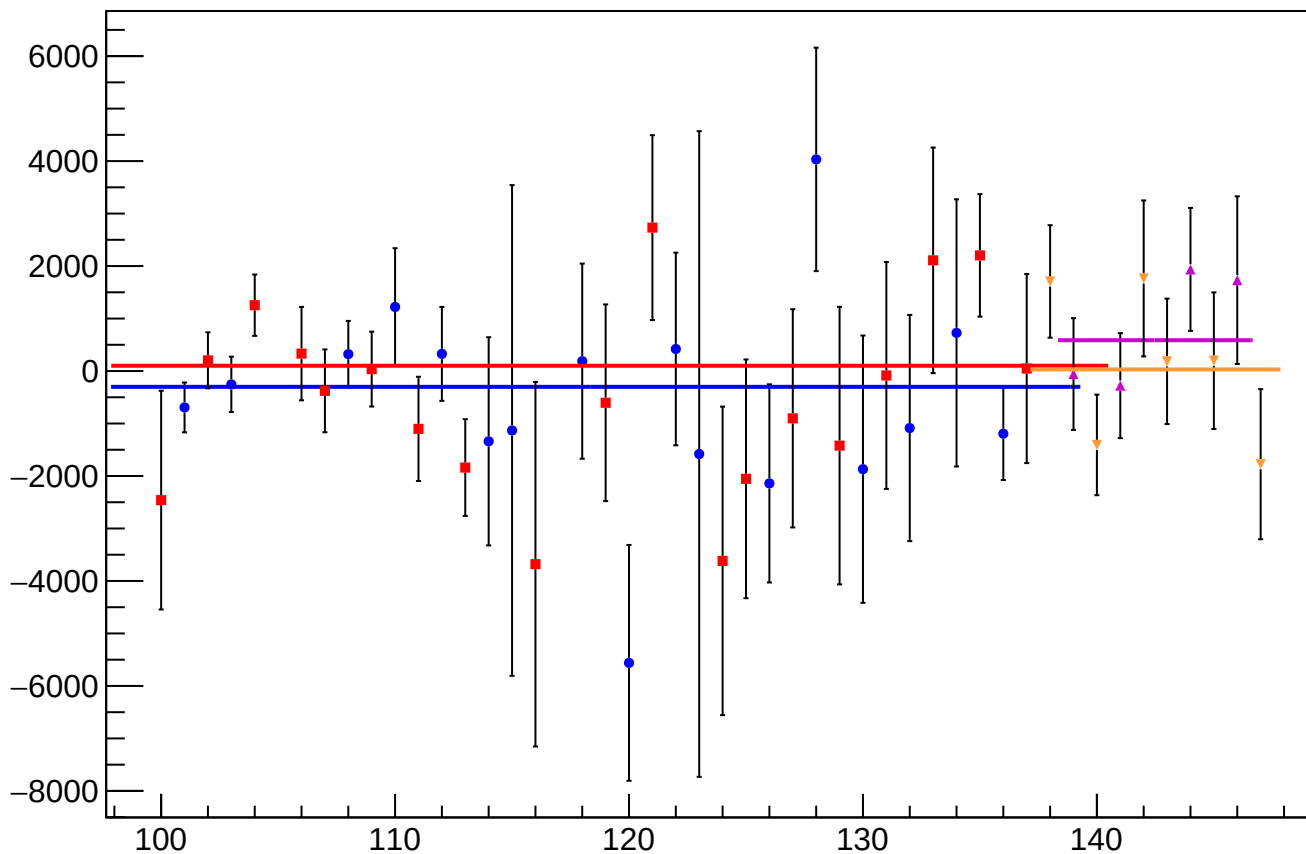
Left In: 1060.321+/-0.418 χ^2/NDF : 179848.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1028.689+/-0.270 χ^2/NDF : 331307.5/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



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

Left Out: 30.610 ± 488.388 χ^2/NDF : 7.7/5

Right Out: 100.857 ± 245.981 χ^2/NDF : 22.5/18

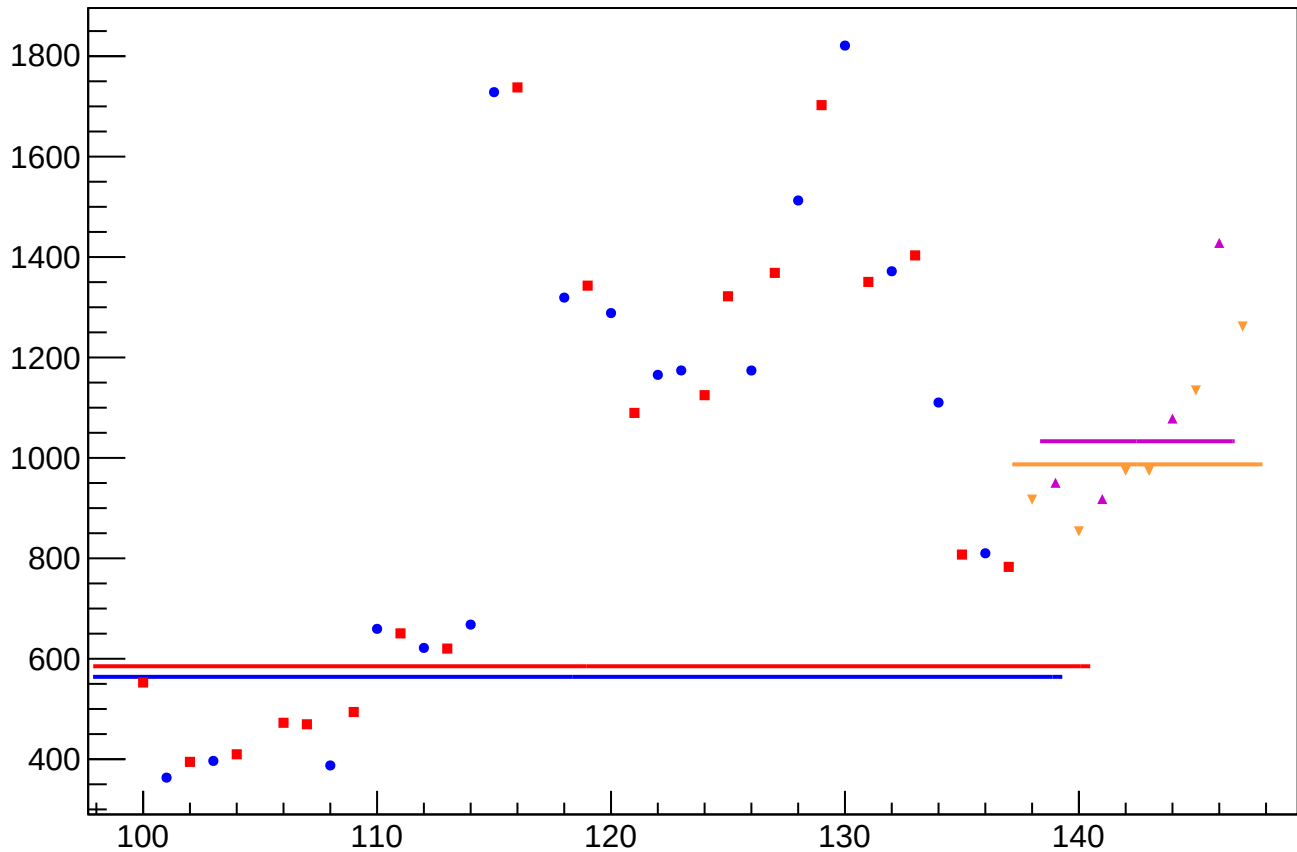
Left In: 586.723 ± 577.170 χ^2/NDF : 3.0/3

+ sign -232.131 ± 222.569 χ^2/NDF : 24.9/22

All: -31.672 ± 158.678 χ^2/NDF : 52.6/45

- sign 175.541 ± 226.287 χ^2/NDF : 26.1/22

asym_sam6_rms vs Slug



Right In: 564.003 $\pm$ 0.177 χ^2 /NDF: 3261491.3/16

Left Out: 987.147 $\pm$ 0.345 χ^2 /NDF: 147106.5/5

Right Out: 585.070 $\pm$ 0.174 χ^2 /NDF: 2820837.8/18

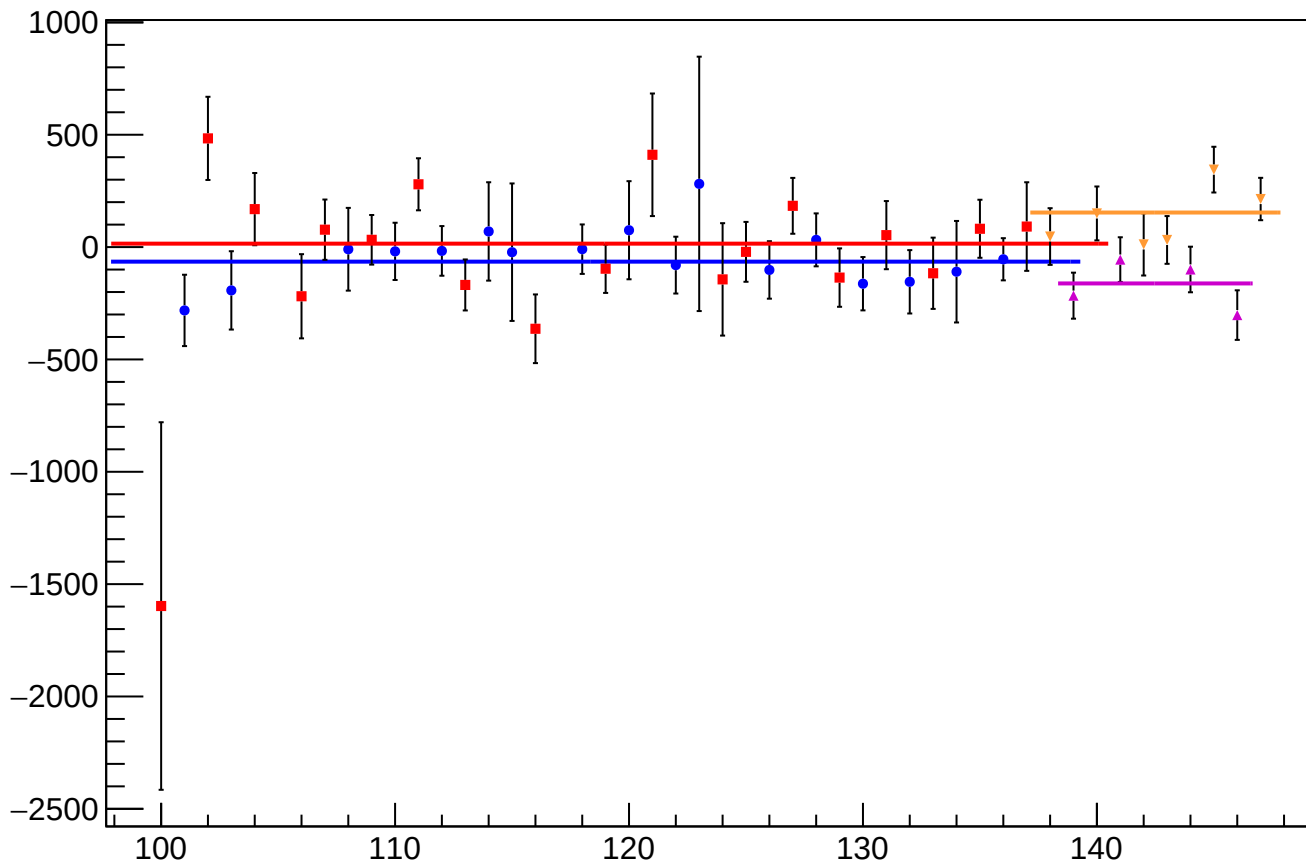
Left In: 1033.180 $\pm$ 0.408 χ^2 /NDF: 163818.7/3

+ sign 651.882 $\pm$ 0.157 χ^2 /NDF: 4598126.1/22

All: 652.899 $\pm$ 0.112 χ^2 /NDF: 8603123.0/45

- sign 653.950 $\pm$ 0.160 χ^2 /NDF: 4004912.1/22

dit_asym_sam7_mean vs Slug



Right In: -64.797 $\pm$ 34.629 χ^2 /NDF: 6.2/16

Left Out: 153.800 $\pm$ 45.540 χ^2 /NDF: 7.0/5

Right Out: 15.294 $\pm$ 33.422 χ^2 /NDF: 35.0/18

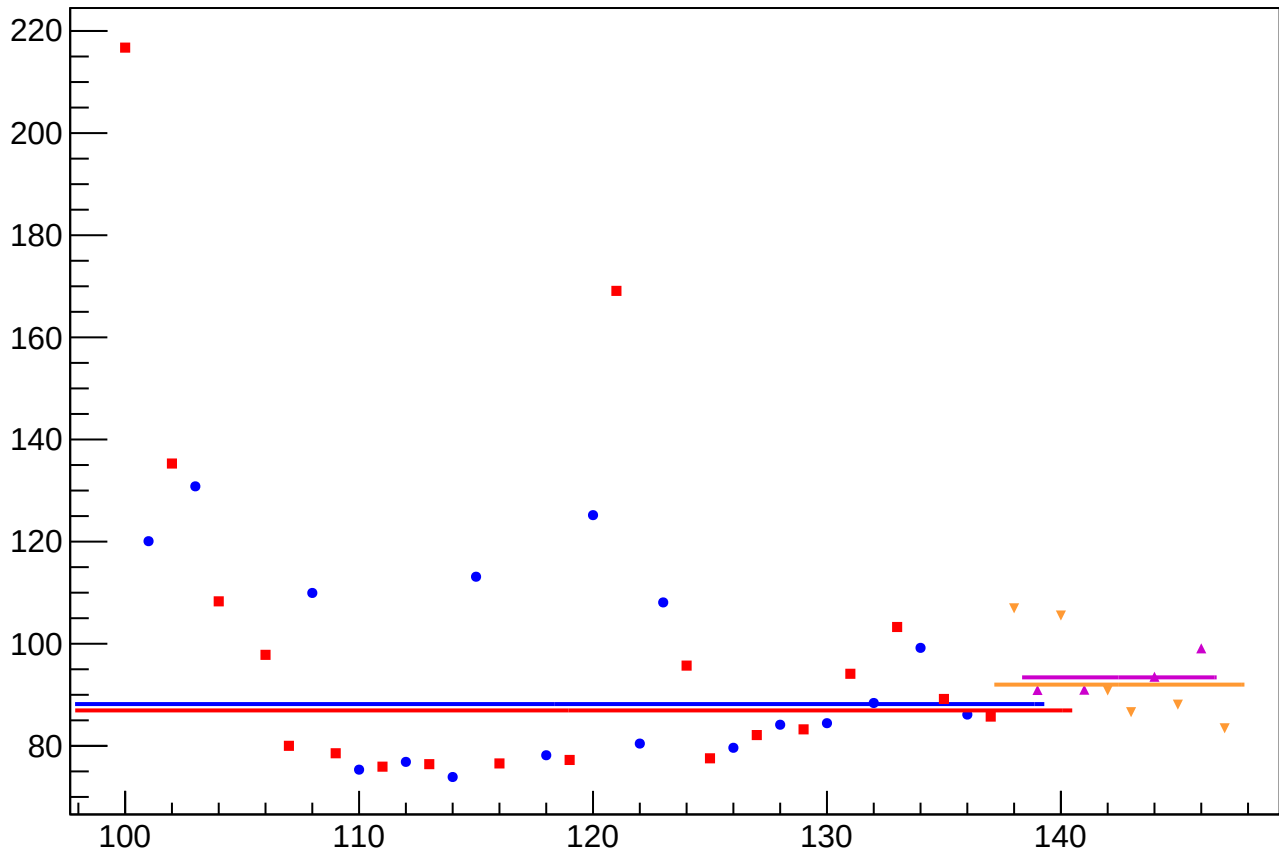
Left In: -161.773 $\pm$ 51.584 χ^2 /NDF: 3.4/3

+ sign 15.292 $\pm$ 27.565 χ^2 /NDF: 27.8/22

All: -10.428 $\pm$ 19.660 χ^2 /NDF: 76.3/45

- sign -37.058 $\pm$ 28.049 χ^2 /NDF: 46.7/22

dit_asym_sam7_rms vs Slug



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

Left Out: 91.996 $\pm$ 0.032 χ^2 /NDF: 78253.2/5

Right Out: 86.943 $\pm$ 0.024 χ^2 /NDF: 531359.9/18

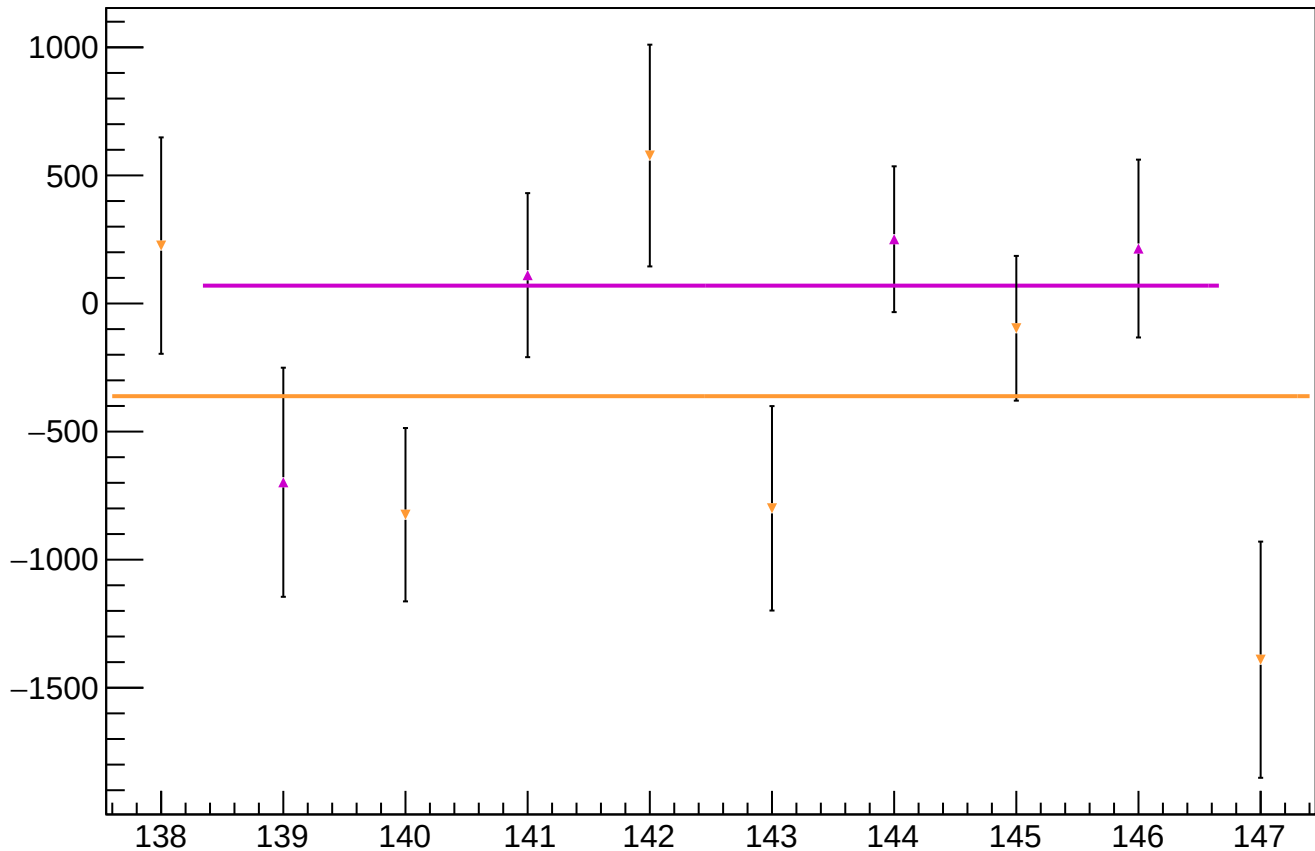
Left In: 93.415 $\pm$ 0.036 χ^2 /NDF: 7647.6/3

+ sign 89.582 $\pm$ 0.019 χ^2 /NDF: 481572.0/22

All: 89.226 $\pm$ 0.014 χ^2 /NDF: 1043438.5/45

- sign 88.857 $\pm$ 0.020 χ^2 /NDF: 561185.8/22

asym_sam7_correction_mean vs Slug



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

Left Out: -361.798+/-152.160 χ^2/NDF :15.6/5

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

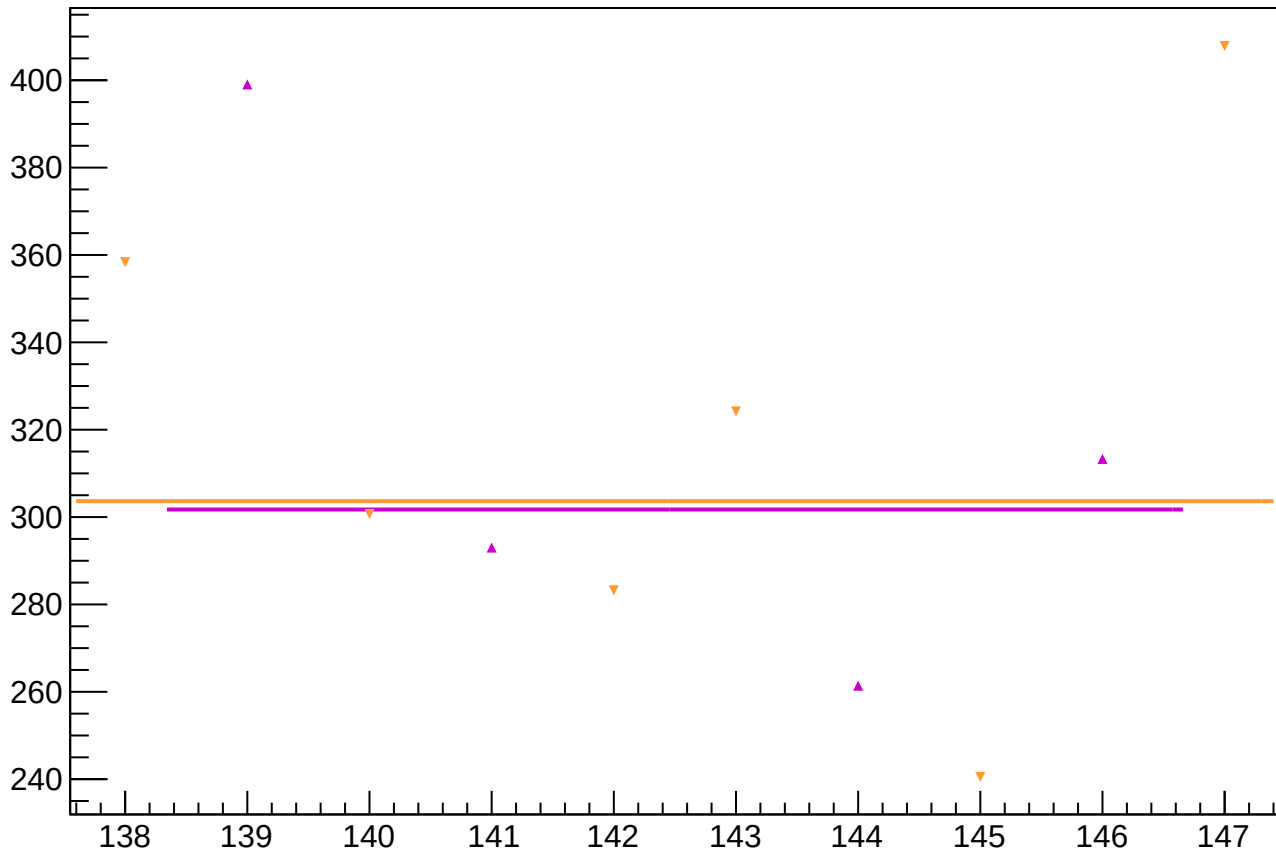
Left In: 69.719+/-168.069 χ^2/NDF :3.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.424+/-112.800 χ^2/NDF : 22.7/9

- sign 0.000+/-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: 303.643+/-0.108 χ^2/NDF : 245449.5/5

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

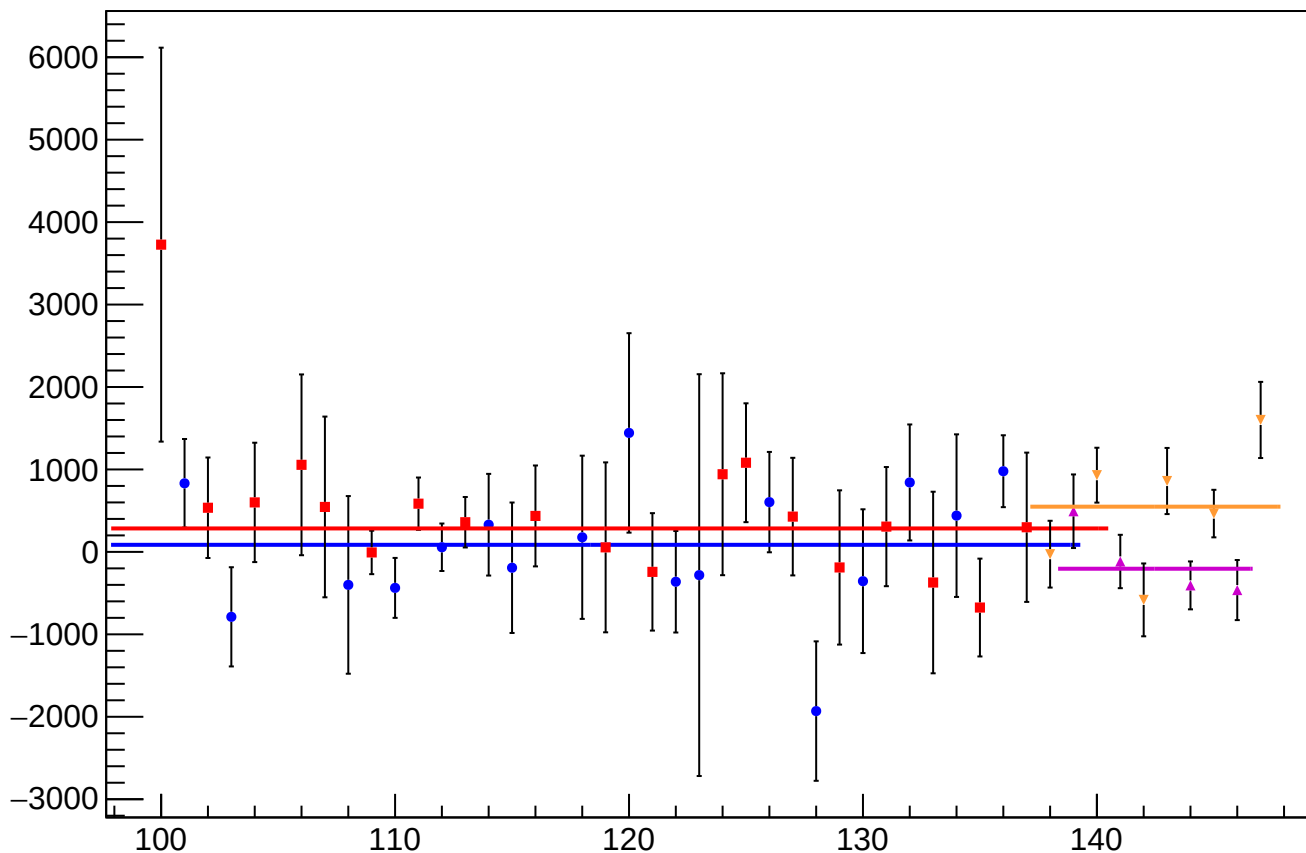
Left In: 301.730+/-0.119 χ^2/NDF : 138591.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.781+/-0.080 χ^2/NDF : 384183.6/9

- 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: 548.540 ± 152.179 χ^2/NDF : 15.8/5

Right Out: 284.456 ± 129.599 χ^2/NDF : 10.6/18

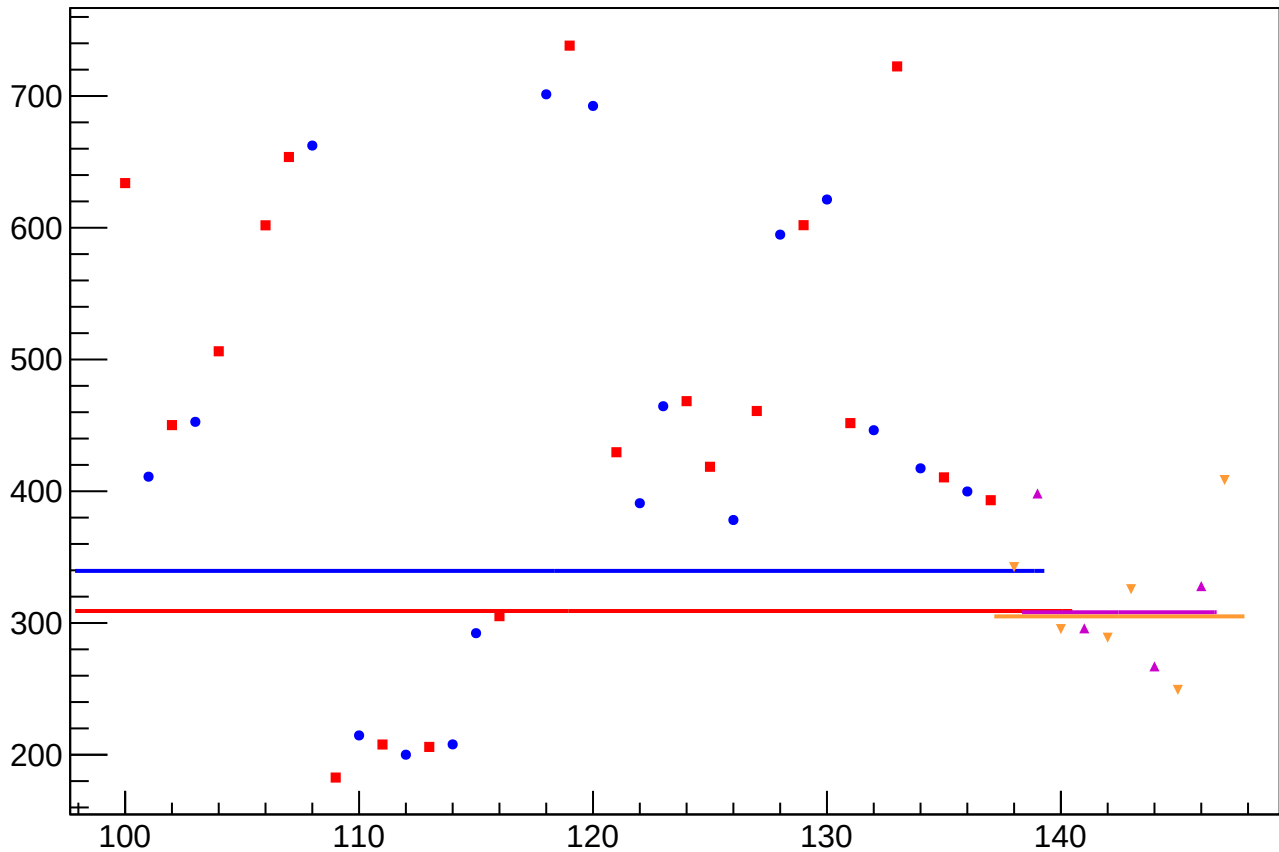
Left In: -204.294 ± 171.670 χ^2/NDF : 3.5/3

+ sign 302.155 ± 104.056 χ^2/NDF : 41.2/22

All: 204.006 ± 73.358 χ^2/NDF : 62.3/45

- sign 107.027 ± 103.434 χ^2/NDF : 19.3/22

asym_sam7_rms vs Slug



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

Left Out: 305.027 $\pm$ 0.108 χ^2 /NDF: 201960.9/5

Right Out: 309.105 $\pm$ 0.092 χ^2 /NDF: 2730308.7/18

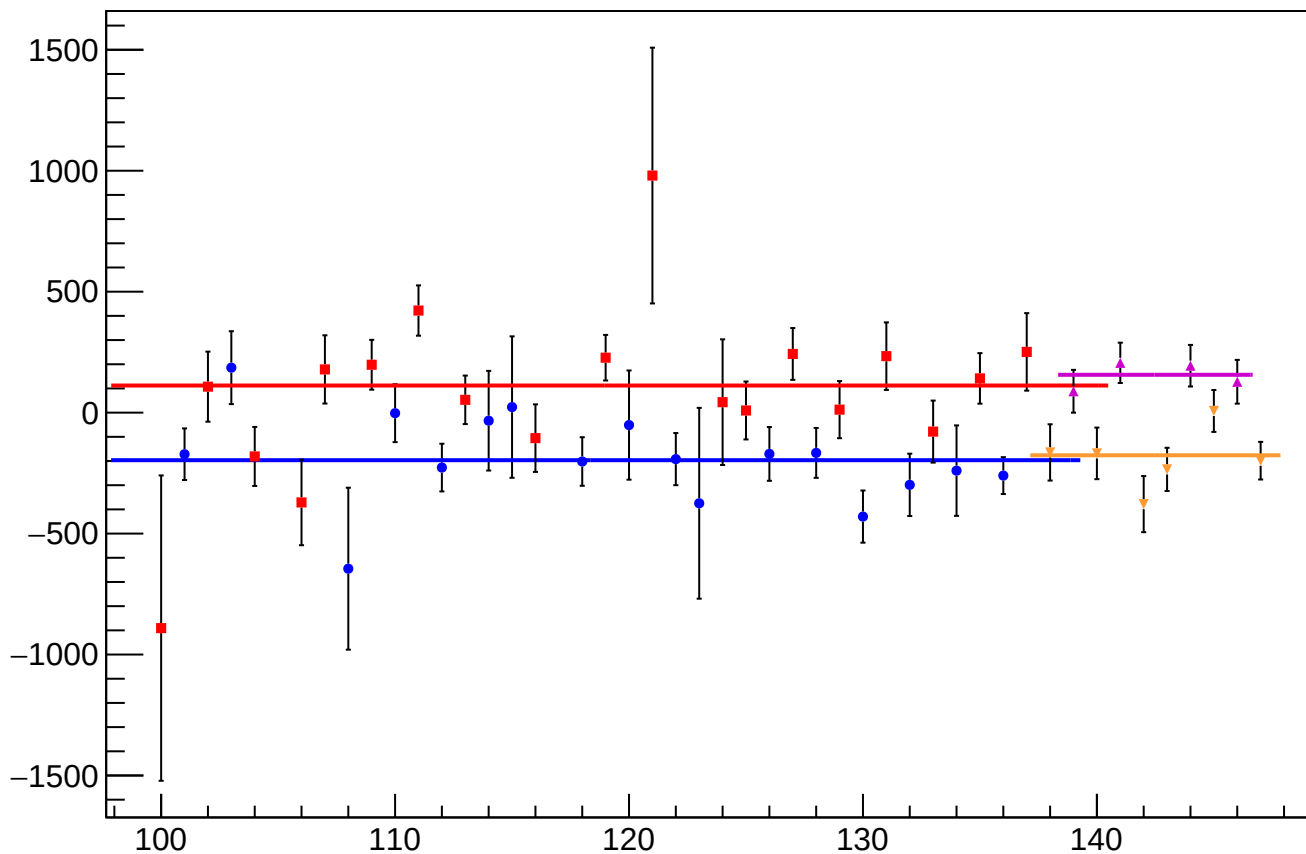
Left In: 308.143 $\pm$ 0.121 χ^2 /NDF: 130345.2/3

+ sign 323.410 $\pm$ 0.074 χ^2 /NDF: 2299018.3/22

All: 316.039 $\pm$ 0.052 χ^2 /NDF: 5179665.2/45

- sign 308.756 $\pm$ 0.073 χ^2 /NDF: 2860693.8/22

dit_asym_sam8_mean vs Slug



Right In: -196.599 ± 30.399 χ^2/NDF : 19.0/16

Left Out: -176.316 ± 38.920 χ^2/NDF : 8.0/5

Right Out: 112.097 ± 29.622 χ^2/NDF : 39.3/18

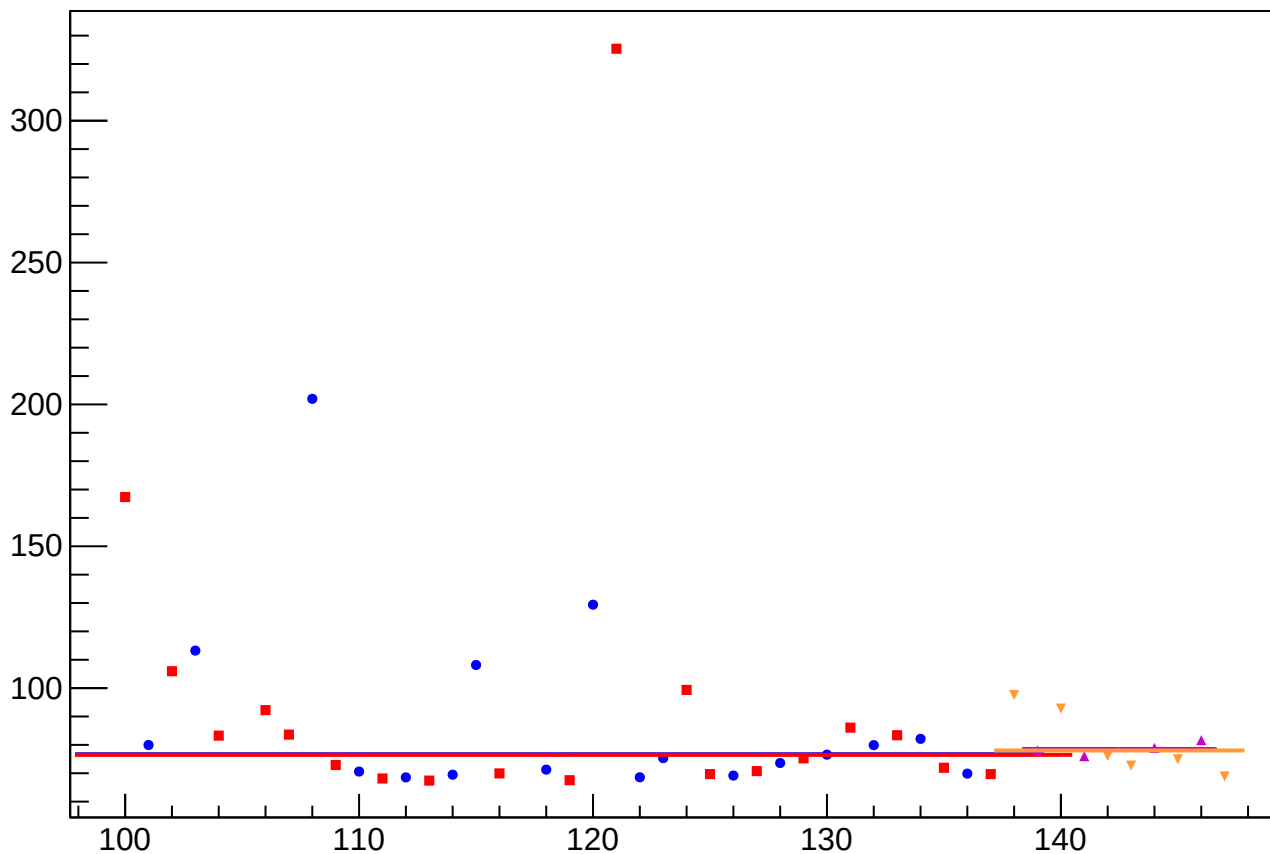
Left In: 156.432 ± 43.465 χ^2/NDF : 1.2/3

+ sign -188.914 ± 23.957 χ^2/NDF : 27.2/22

All: -34.765 ± 17.121 χ^2/NDF : 153.1/45

- sign 126.158 ± 24.478 χ^2/NDF : 41.3/22

dit_asym_sam8_rms vs Slug



Right In: 76.692 $\pm$ 0.021 χ^2 /NDF: 600348.1/16

Left Out: 78.029 $\pm$ 0.028 χ^2 /NDF: 132732.9/5

Right Out: 76.479 $\pm$ 0.021 χ^2 /NDF: 699361.8/18

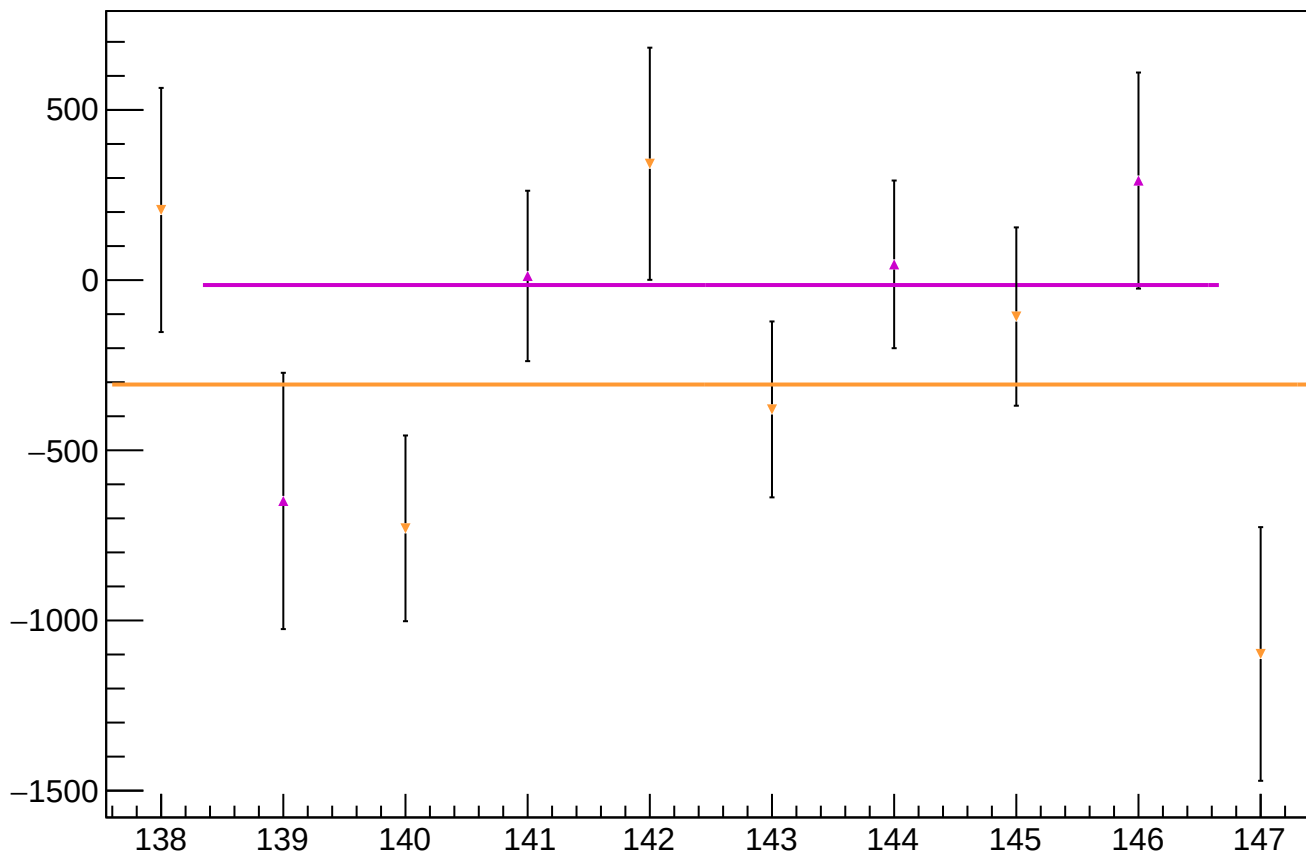
Left In: 78.549 $\pm$ 0.031 χ^2 /NDF: 4342.6/3

+ sign 77.199 $\pm$ 0.017 χ^2 /NDF: 734546.3/22

All: 77.168 $\pm$ 0.012 χ^2 /NDF: 1441356.2/45

- sign 77.136 $\pm$ 0.017 χ^2 /NDF: 706803.0/22

asym_sam8_correction_mean vs Slug



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

Left Out: -306.751+/-122.585 χ^2/NDF : 13.2/5

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

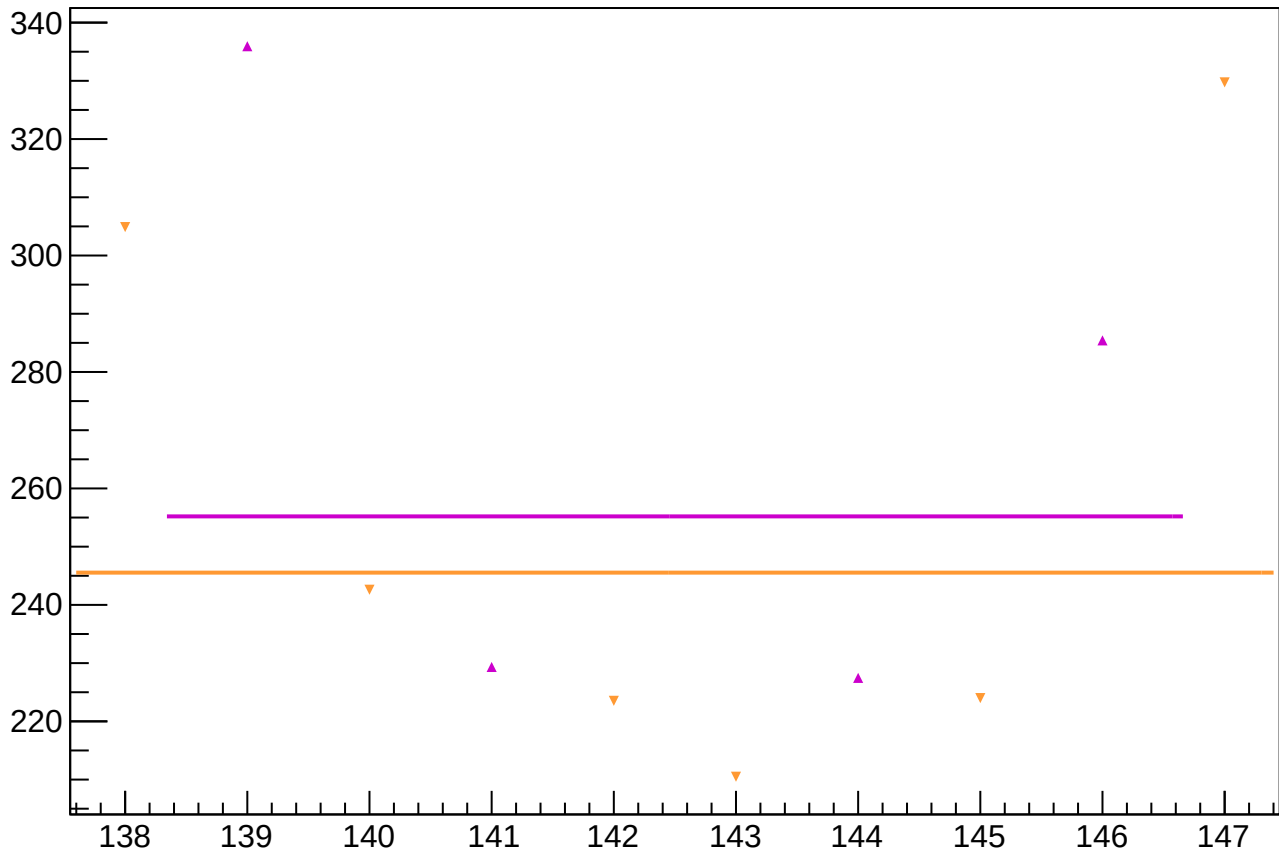
Left In: -14.460+/-142.248 χ^2/NDF : 3.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -182.188+/-92.861 χ^2/NDF : 19.5/9

- sign 0.000+/-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: 245.542+/-0.087 χ^2/NDF : 215728.3/5

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

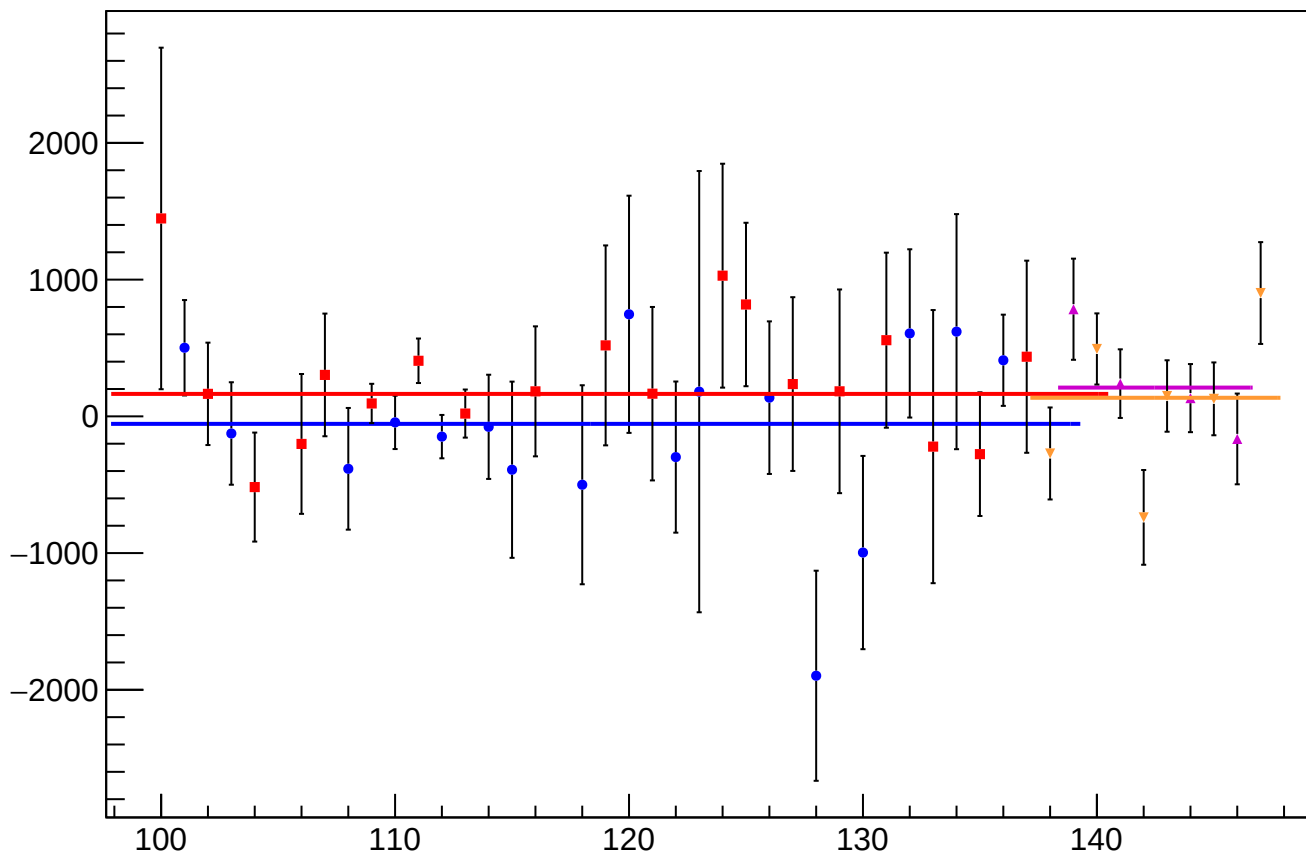
Left In: 255.200+/-0.101 χ^2/NDF : 156812.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.658+/-0.066 χ^2/NDF : 377831.4/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



Right In: -54.933 ± 90.355 $\chi^2/\text{NDF}: 16.5/16$

Left Out: 135.814 ± 121.360 $\chi^2/\text{NDF}: 14.0/5$

Right Out: 164.141 ± 76.903 $\chi^2/\text{NDF}: 11.9/18$

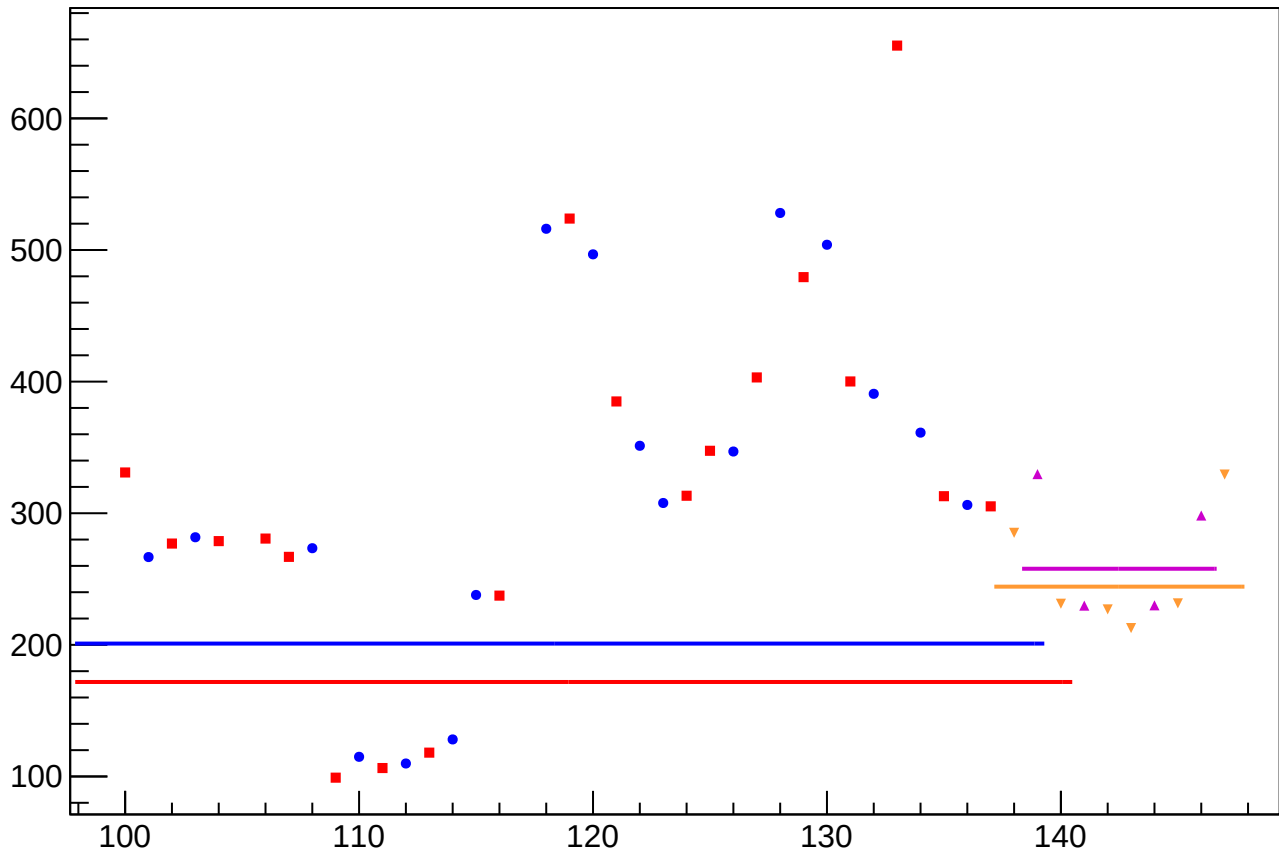
Left In: 210.343 ± 143.768 $\chi^2/\text{NDF}: 3.8/3$

+ sign 13.093 ± 72.474 $\chi^2/\text{NDF}: 32.1/22$

All: 99.113 ± 49.516 $\chi^2/\text{NDF}: 50.5/45$

- sign 174.420 ± 67.811 $\chi^2/\text{NDF}: 15.8/22$

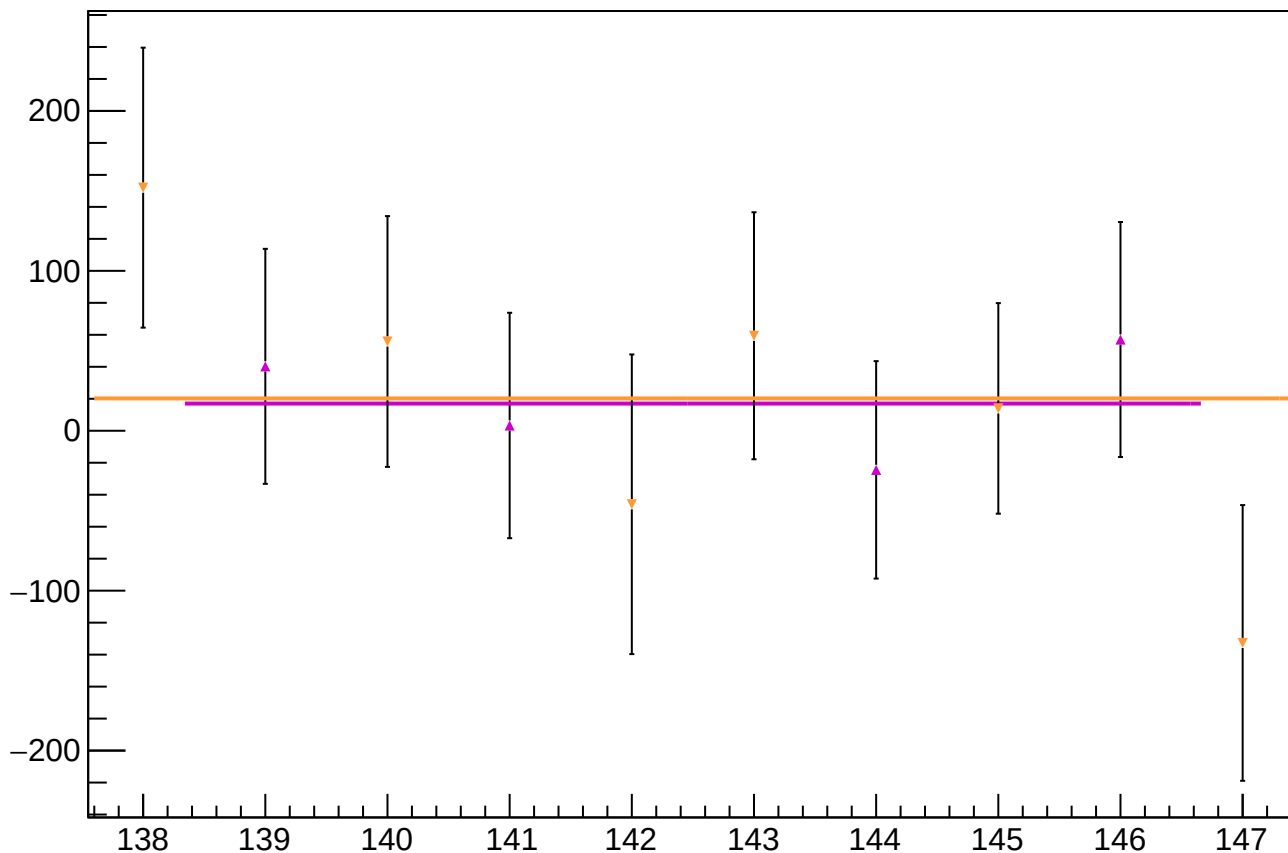
asym_sam8_rms vs Slug



Right In: 200.971 $\pm$ 0.064 χ^2 /NDF: 3436154.0/16
 Left Out: 244.227 $\pm$ 0.086 χ^2 /NDF:177746.7/5
 Right Out: 171.794 $\pm$ 0.054 χ^2 /NDF: 4092634.7/18
 Left In: 257.825 $\pm$ 0.102 χ^2 /NDF:155083.3/3

+ sign 216.397 $\pm$ 0.051 χ^2 /NDF: 3777367.9/22
 All: 202.820 $\pm$ 0.035 χ^2 /NDF: 8713566.5/45
 - sign 190.933 $\pm$ 0.048 χ^2 /NDF: 4804557.8/22

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 20.225+/-32.617 χ^2/NDF : 6.4/5

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

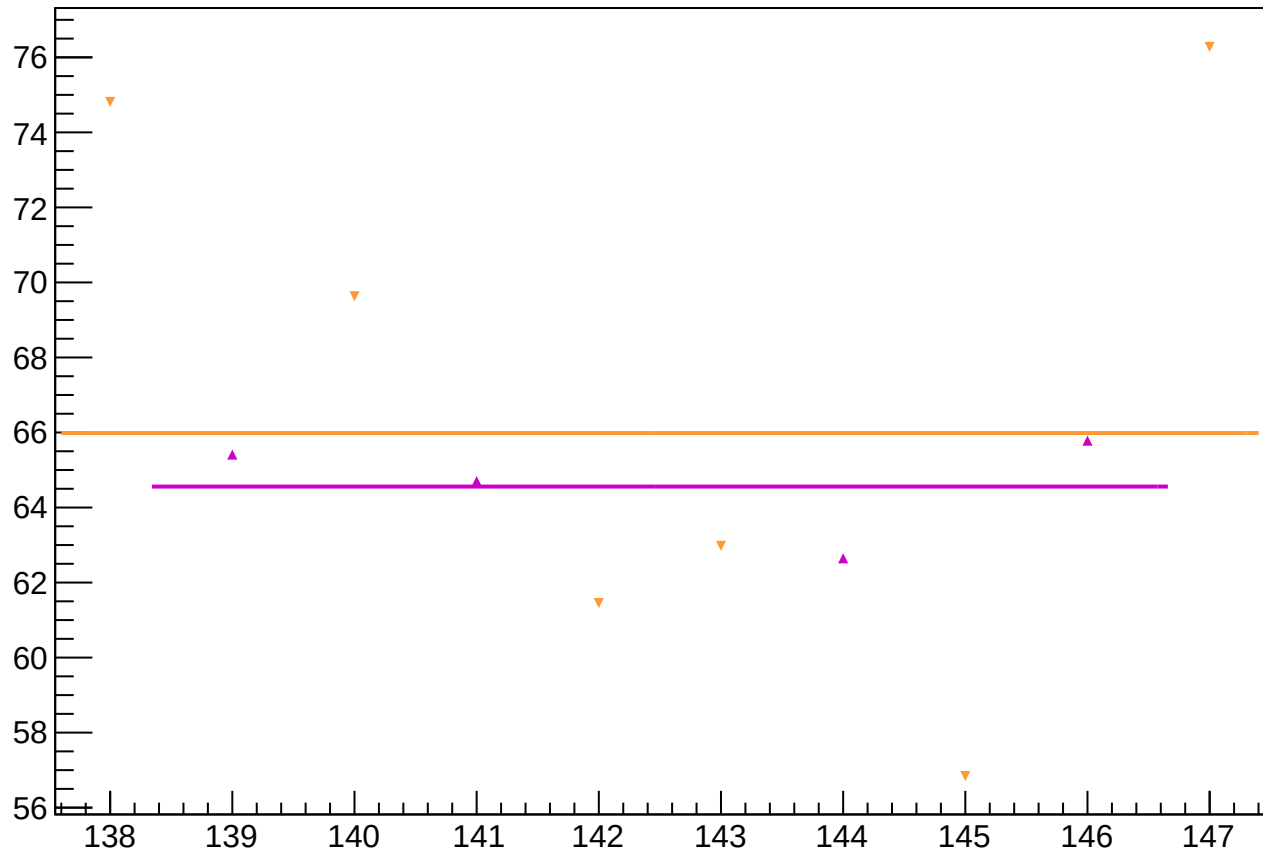
Left In: 17.003+/-35.622 χ^2/NDF : 0.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.756+/-24.056 χ^2/NDF : 7.2/9

- sign 0.000+/-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: 65.985+/-0.023 χ^2/NDF : 99440.7/5

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

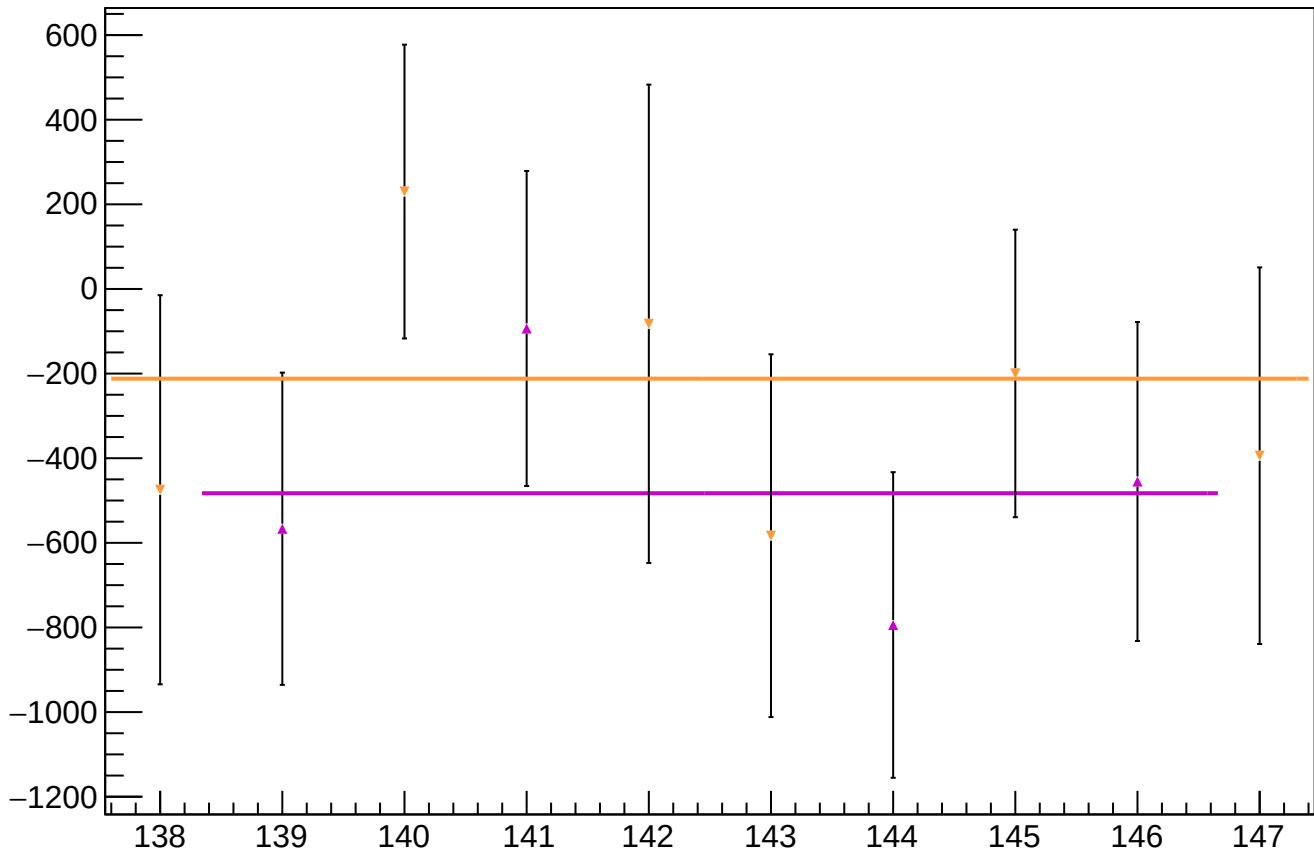
Left In: 64.559+/-0.025 χ^2/NDF : 2415.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.335+/-0.017 χ^2/NDF : 103600.5/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_correction_mean vs Slug



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

Left Out: -211.983+/-168.289 χ^2/NDF : 2.9/5

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

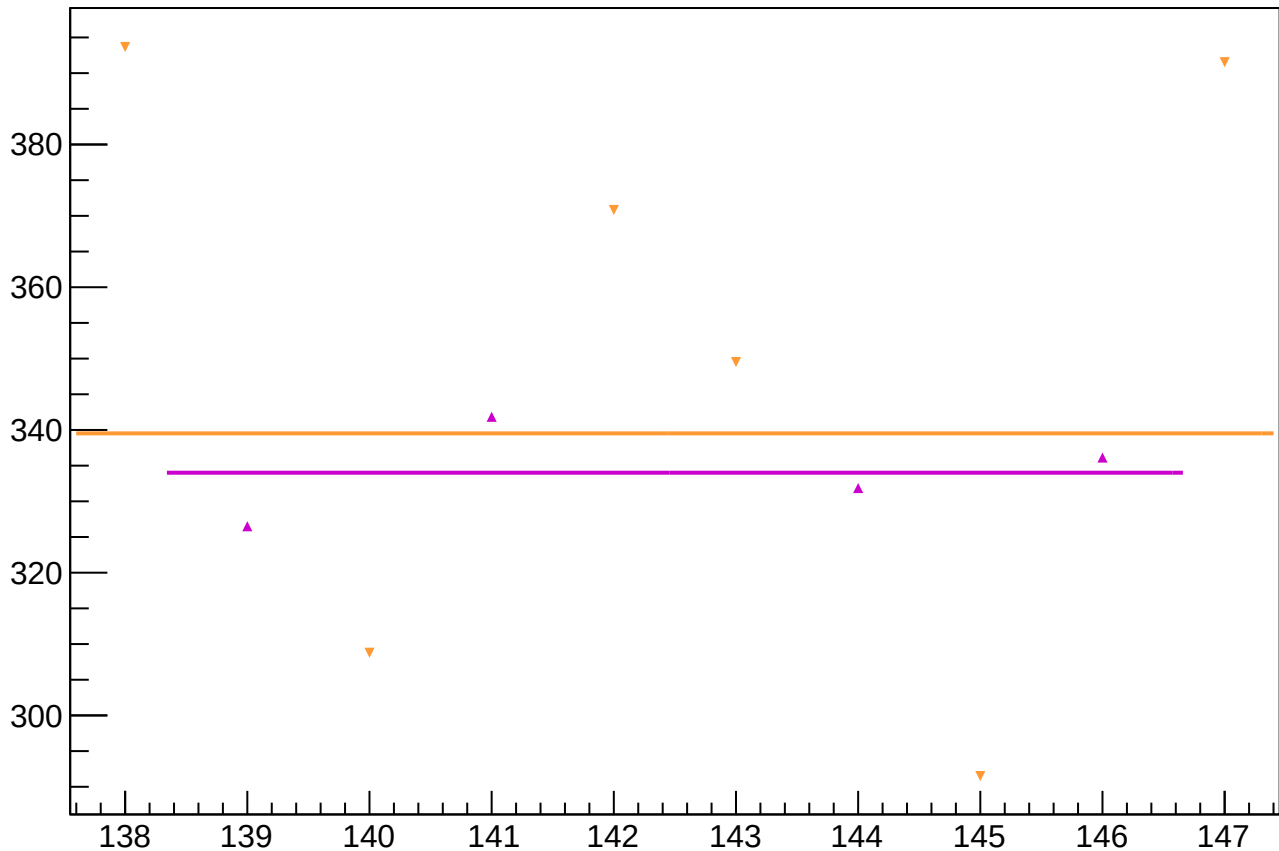
Left In: -482.729+/-184.844 χ^2/NDF : 1.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.691+/-124.440 χ^2/NDF : 6.0/9

- sign 0.000+/-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: 339.524+/-0.119 χ^2/NDF :117901.4/5

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

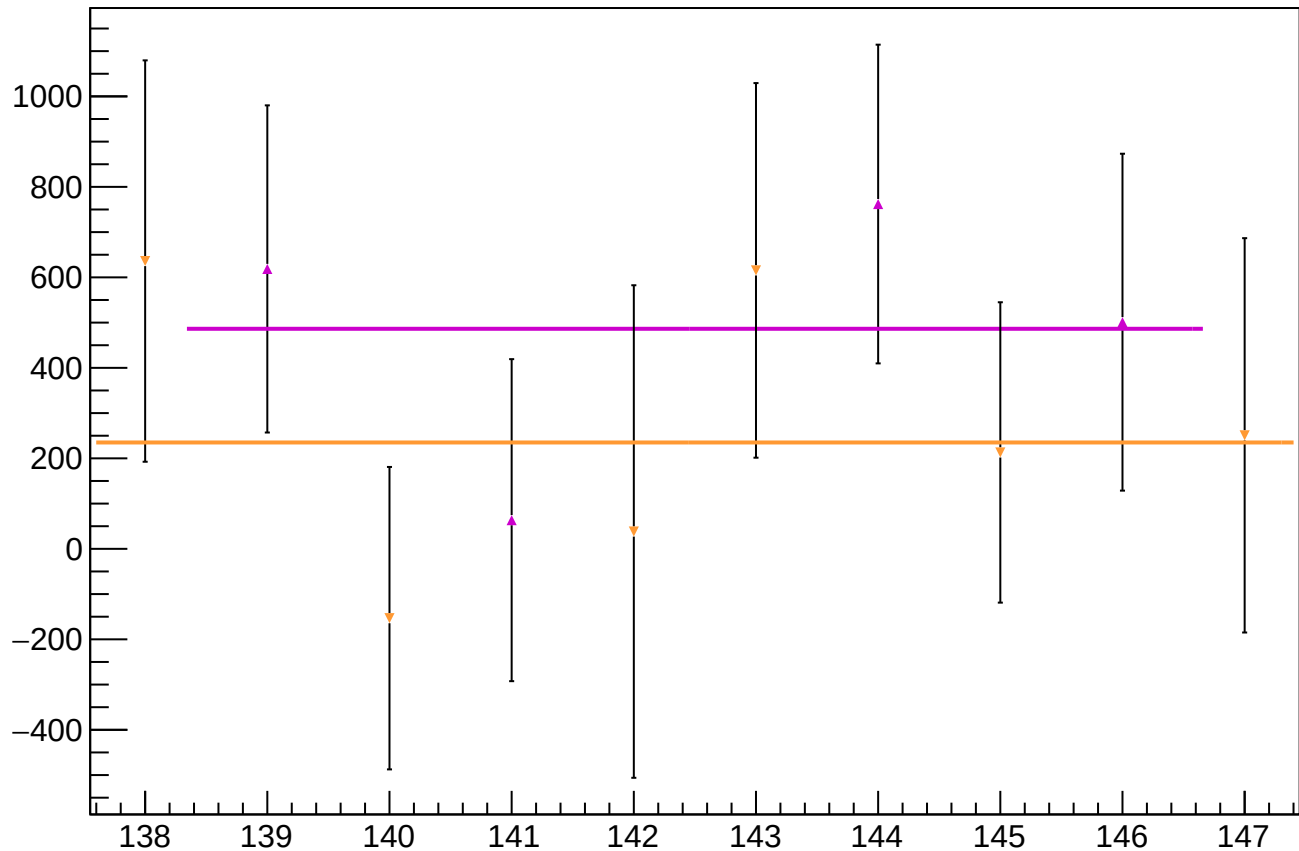
Left In: 334.008+/-0.131 χ^2/NDF :1847.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 337.024+/-0.088 χ^2/NDF : 120723.0/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



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

Left Out: 235.075 $\pm$ 163.111 χ^2 /NDF:3.1/5

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

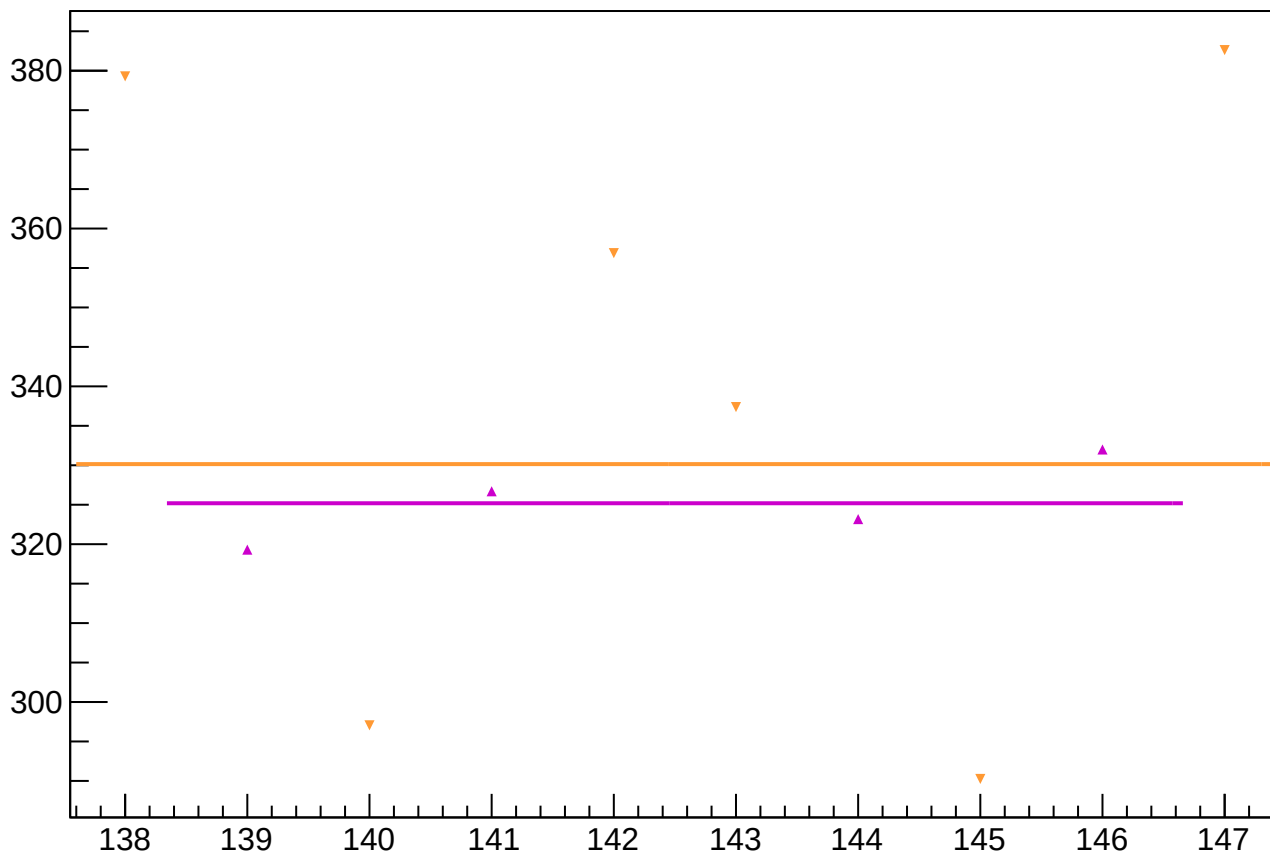
Left In: 486.351 $\pm$ 180.121 χ^2 /NDF:2.2/3

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

All: 348.291 $\pm$ 120.904 χ^2 /NDF: 6.4/9

- sign 0.000 $\pm$ 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: 330.148+/-0.115 χ^2/NDF :107476.8/5

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

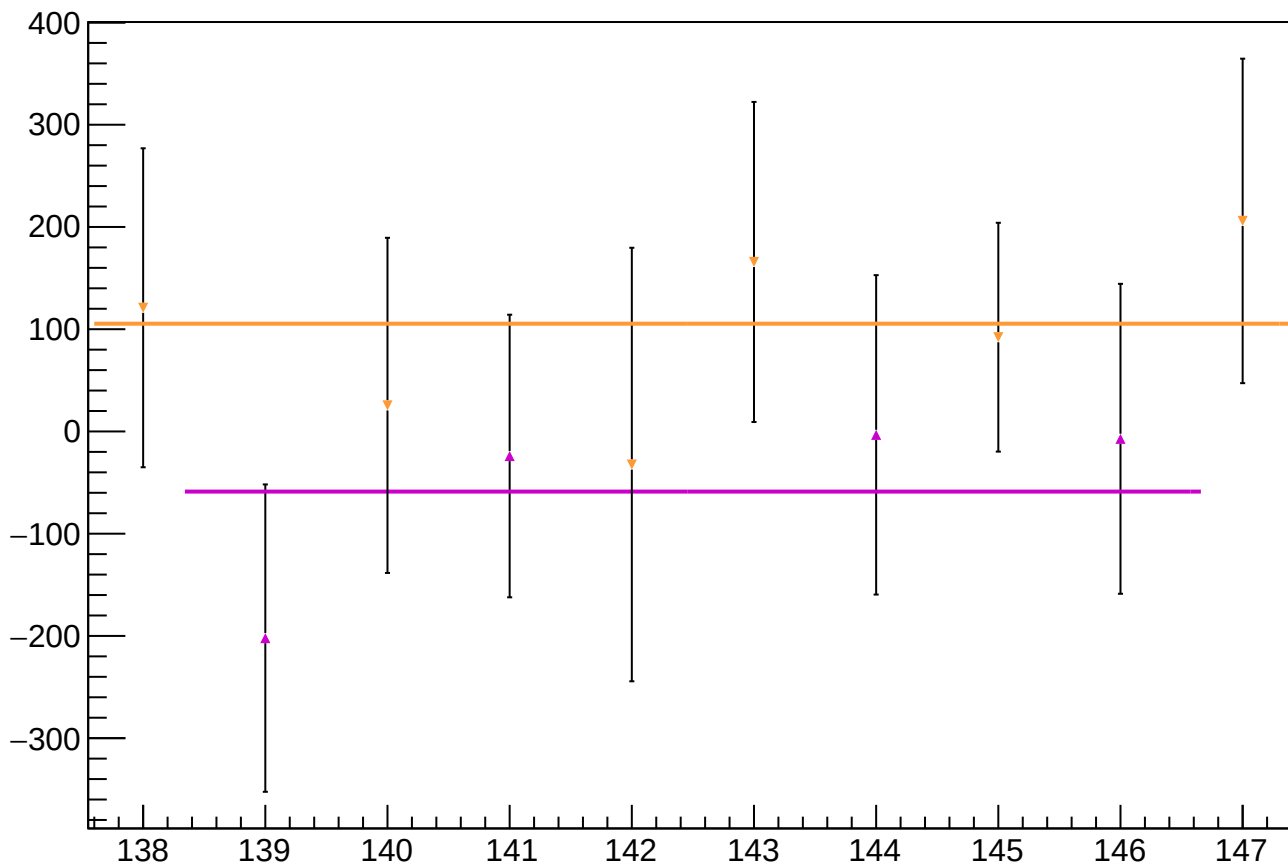
Left In: 325.188+/-0.127 χ^2/NDF :1299.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.913+/-0.085 χ^2/NDF : 109610.0/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



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

Left Out: 105.399 $\pm$ 61.903 χ^2 /NDF: 1.2/5

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

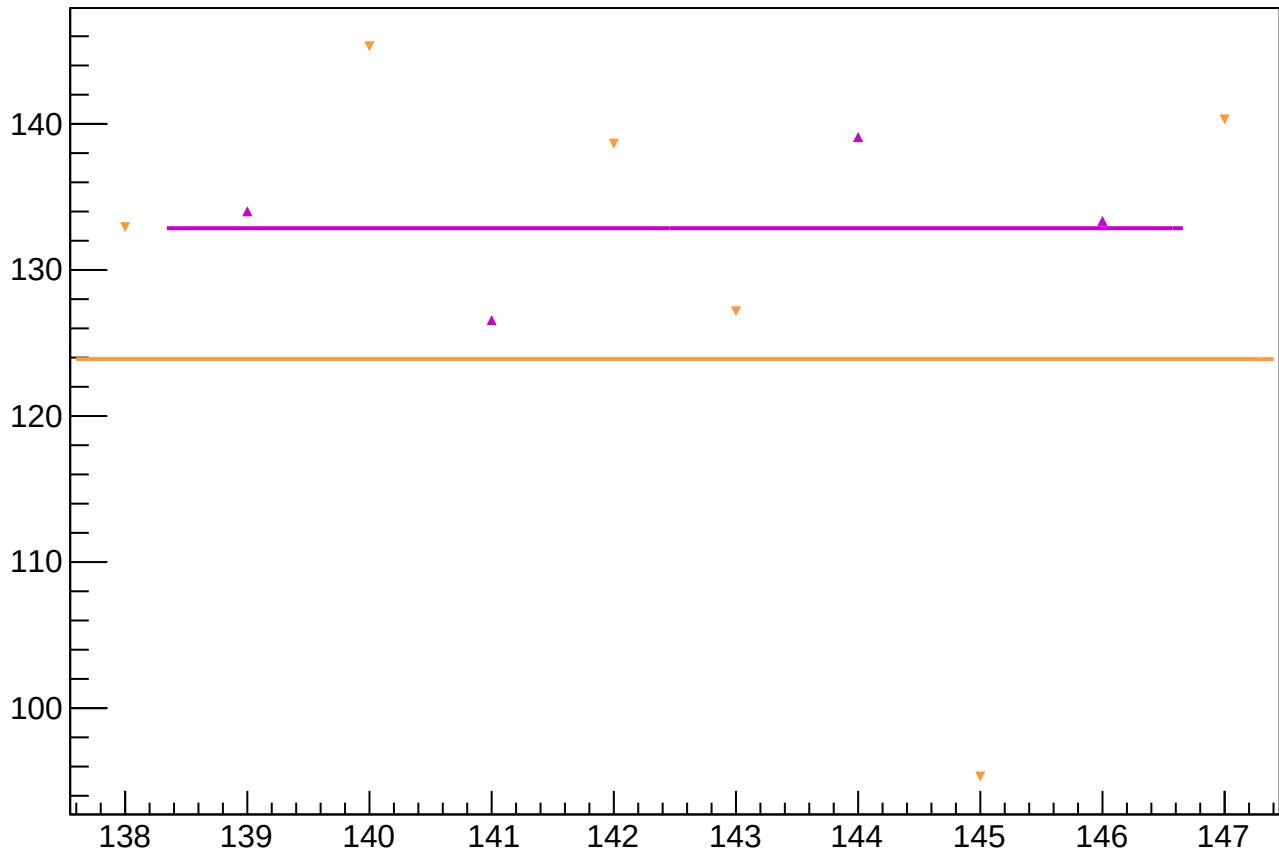
Left In: -58.811 $\pm$ 74.306 χ^2 /NDF: 1.2/3

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

All: 38.123 $\pm$ 47.561 χ^2 /NDF: 5.3/9

- sign 0.000 $\pm$ 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: 123.892+/-0.044 χ^2/NDF : 203296.0/5

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

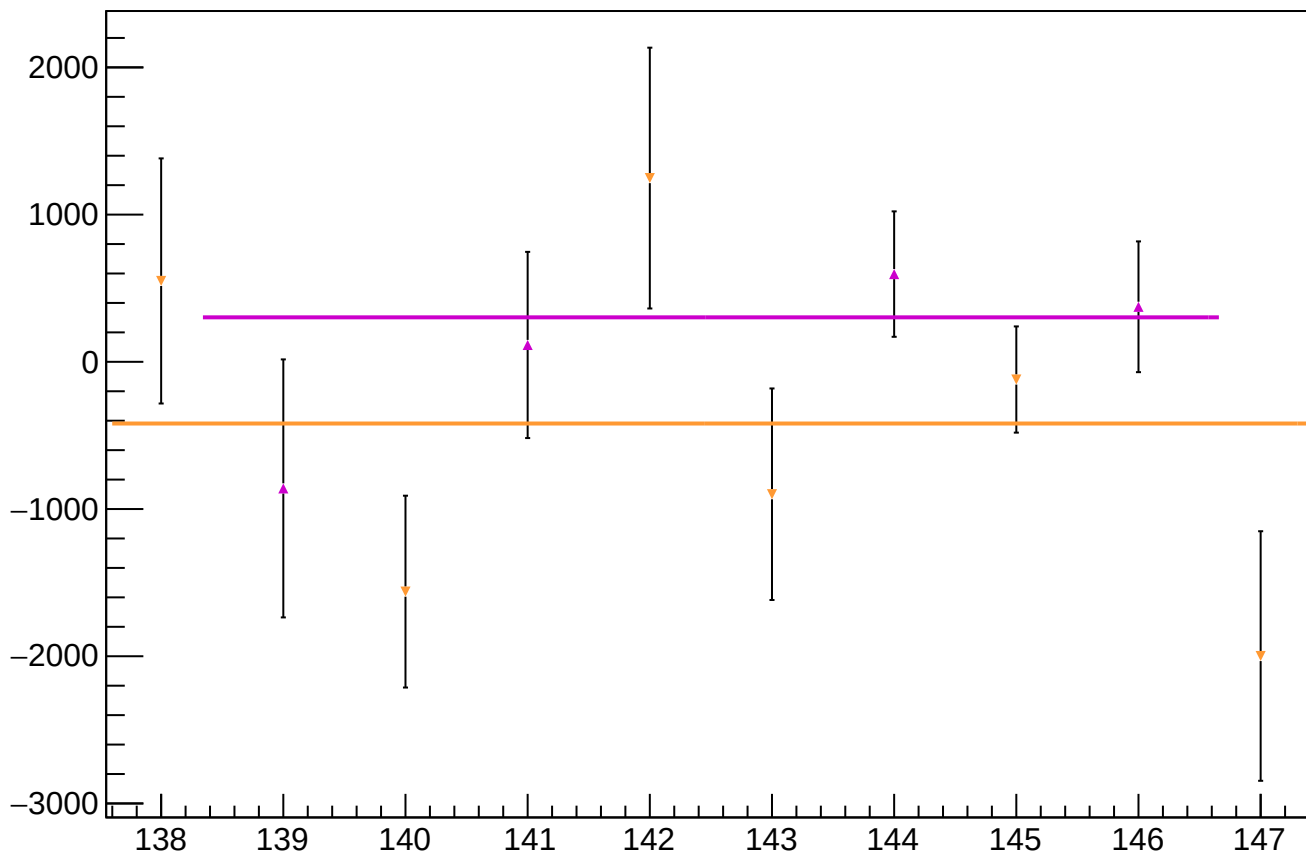
Left In: 132.858+/-0.053 χ^2/NDF : 7481.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.565+/-0.034 χ^2/NDF : 227968.1/9

- 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: -419.095+/-249.330 χ^2/NDF :12.6/5

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

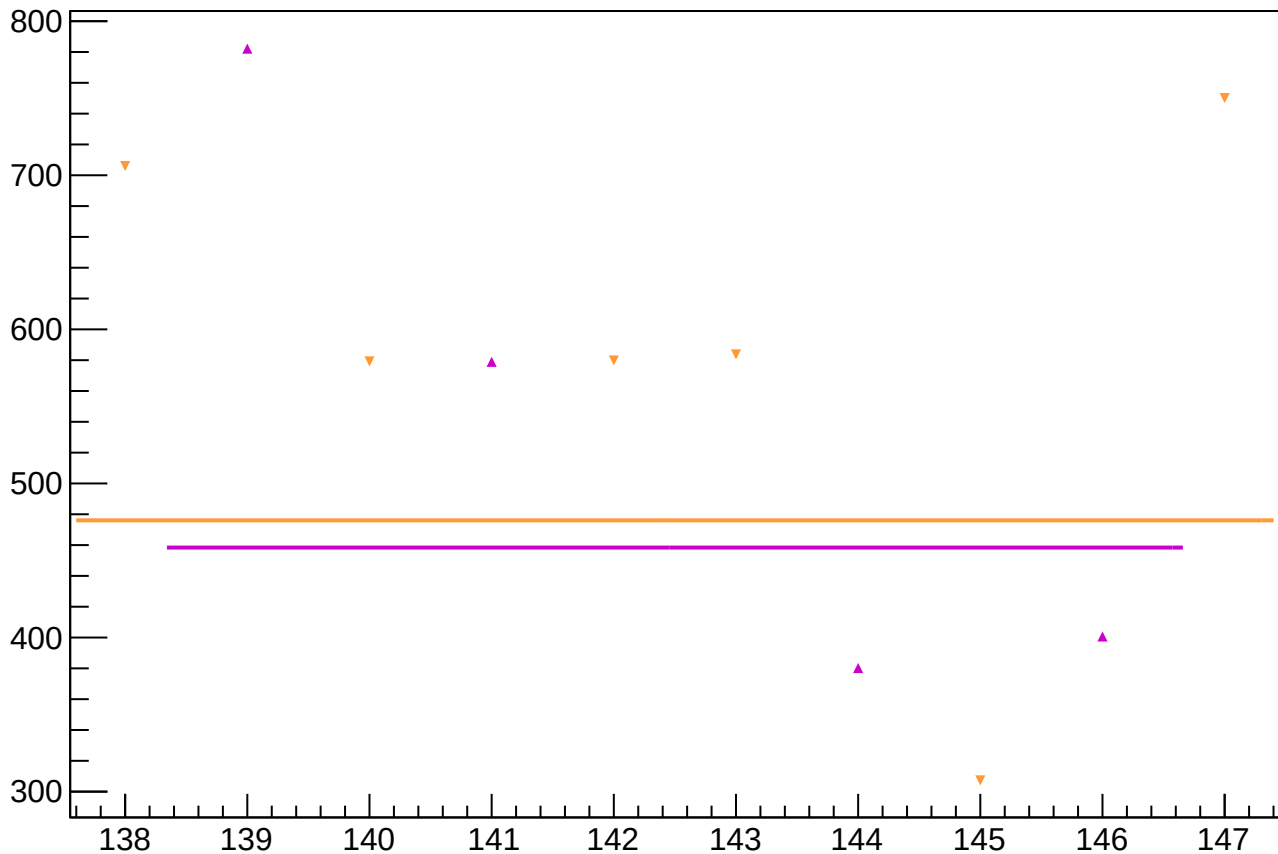
Left In: 302.157+/-263.695 χ^2/NDF :2.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.649+/-181.168 χ^2/NDF : 18.9/9

- 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: 476.057+/-0.176 χ^2/NDF : 921821.8/5

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

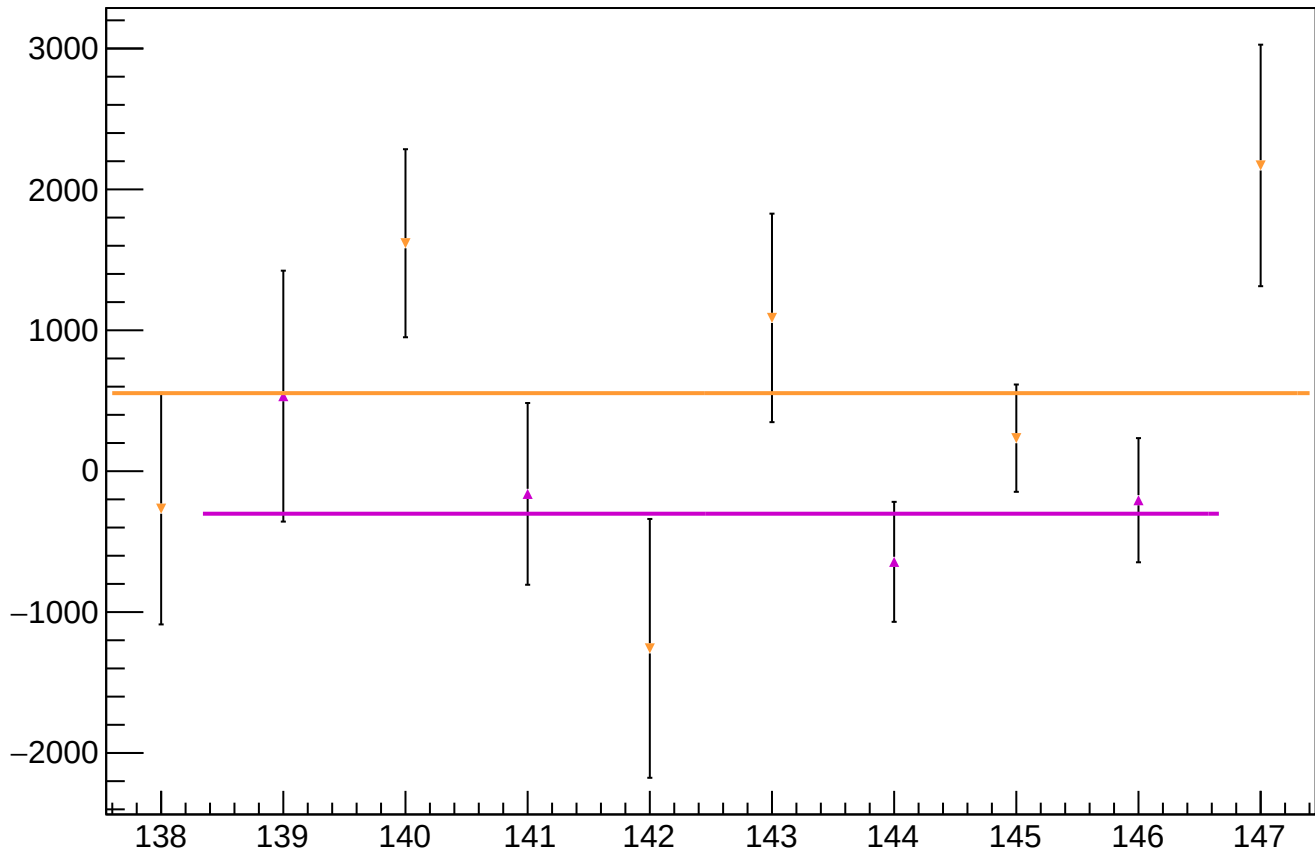
Left In: 458.390+/-0.186 χ^2/NDF : 446792.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.718+/-0.128 χ^2/NDF : 1373354.3/9

- 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: 553.908+/-258.237 χ^2/NDF :12.2/5

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

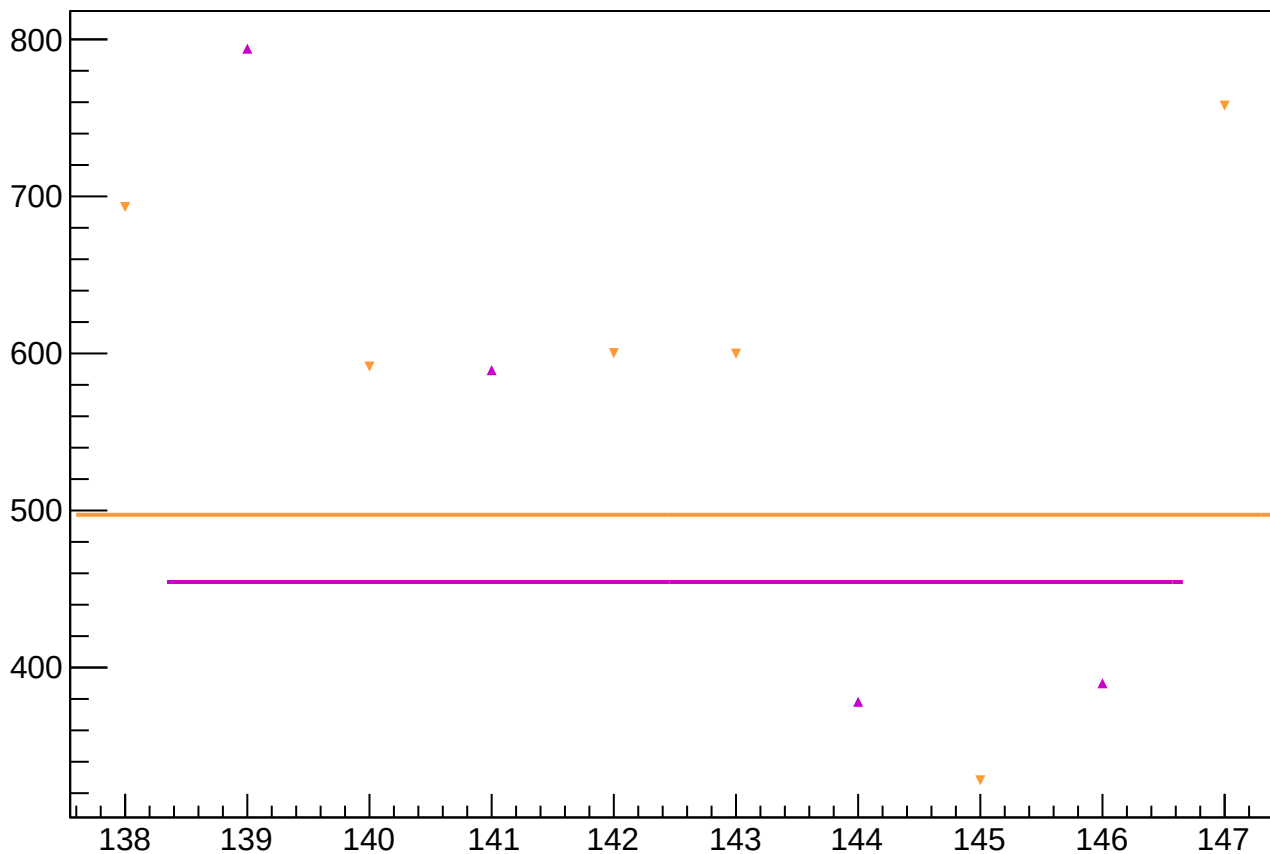
Left In: -301.818+/-264.158 χ^2/NDF :1.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.742+/-184.659 χ^2/NDF : 19.2/9

- 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: 497.272+/-0.183 χ^2/NDF : 796607.8/5

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

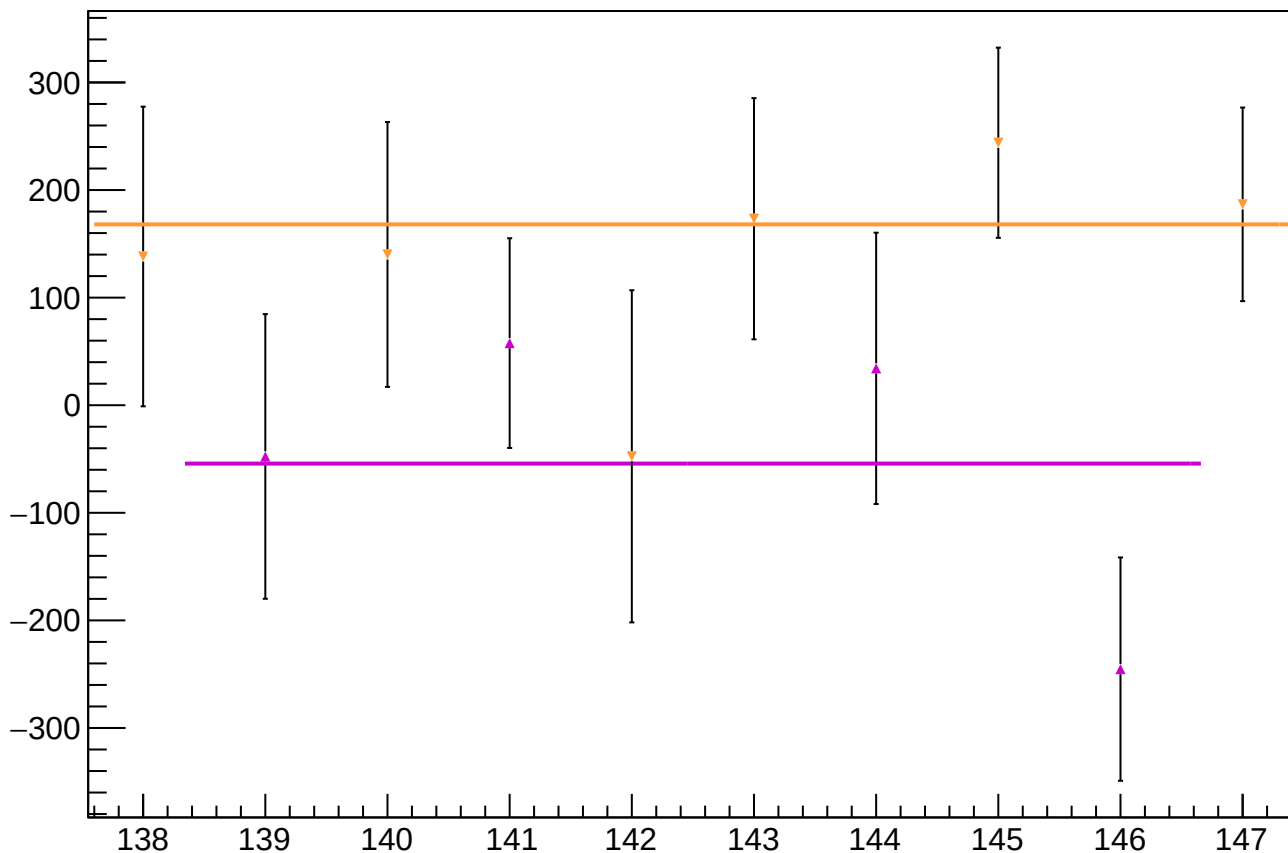
Left In: 454.462+/-0.187 χ^2/NDF : 485401.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.352+/-0.131 χ^2/NDF : 1308868.9/9

- 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: 168.088+/-45.145 χ^2/NDF : 2.8/5

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

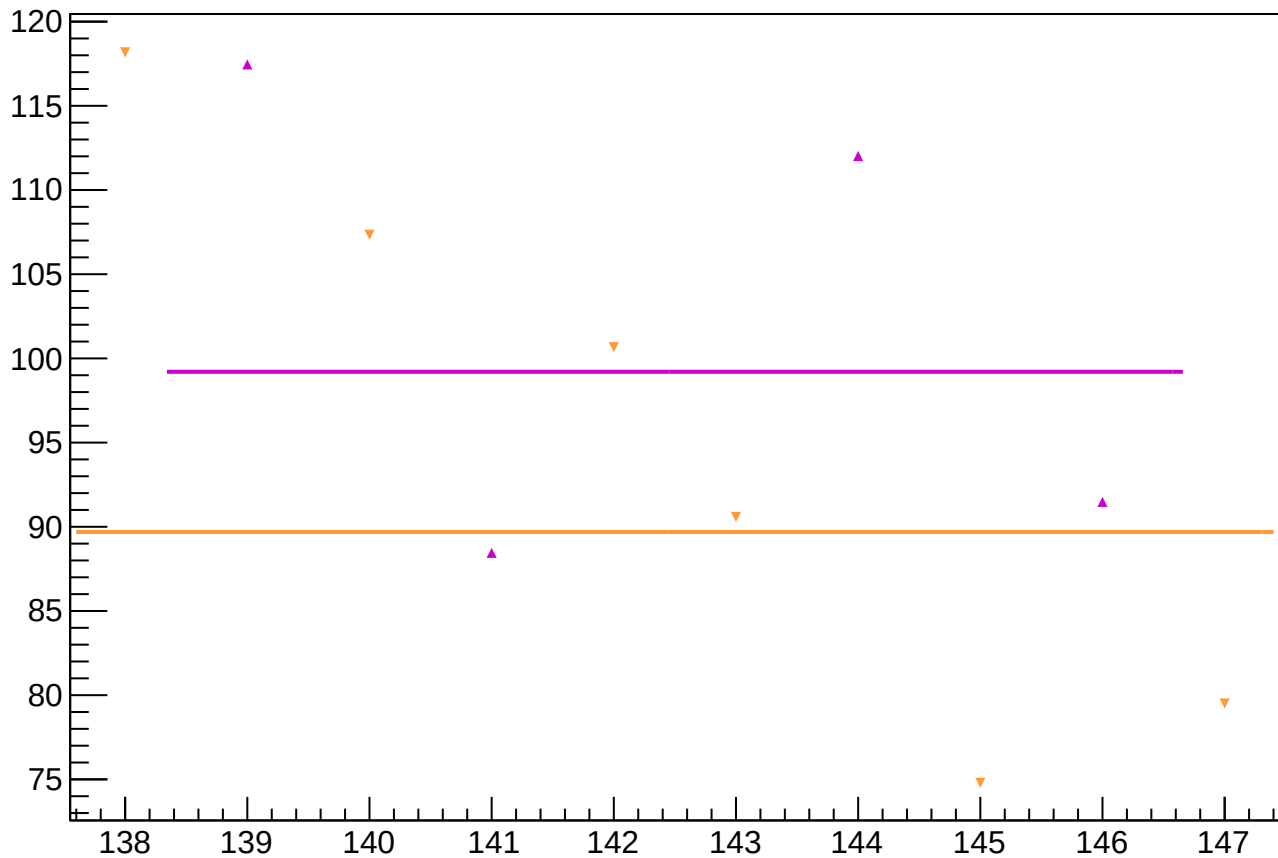
Left In: -54.254+/-56.070 χ^2/NDF : 5.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.640+/-35.163 χ^2/NDF : 17.6/9

- 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: 89.692+/-0.032 χ^2/NDF : 217439.1/5

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

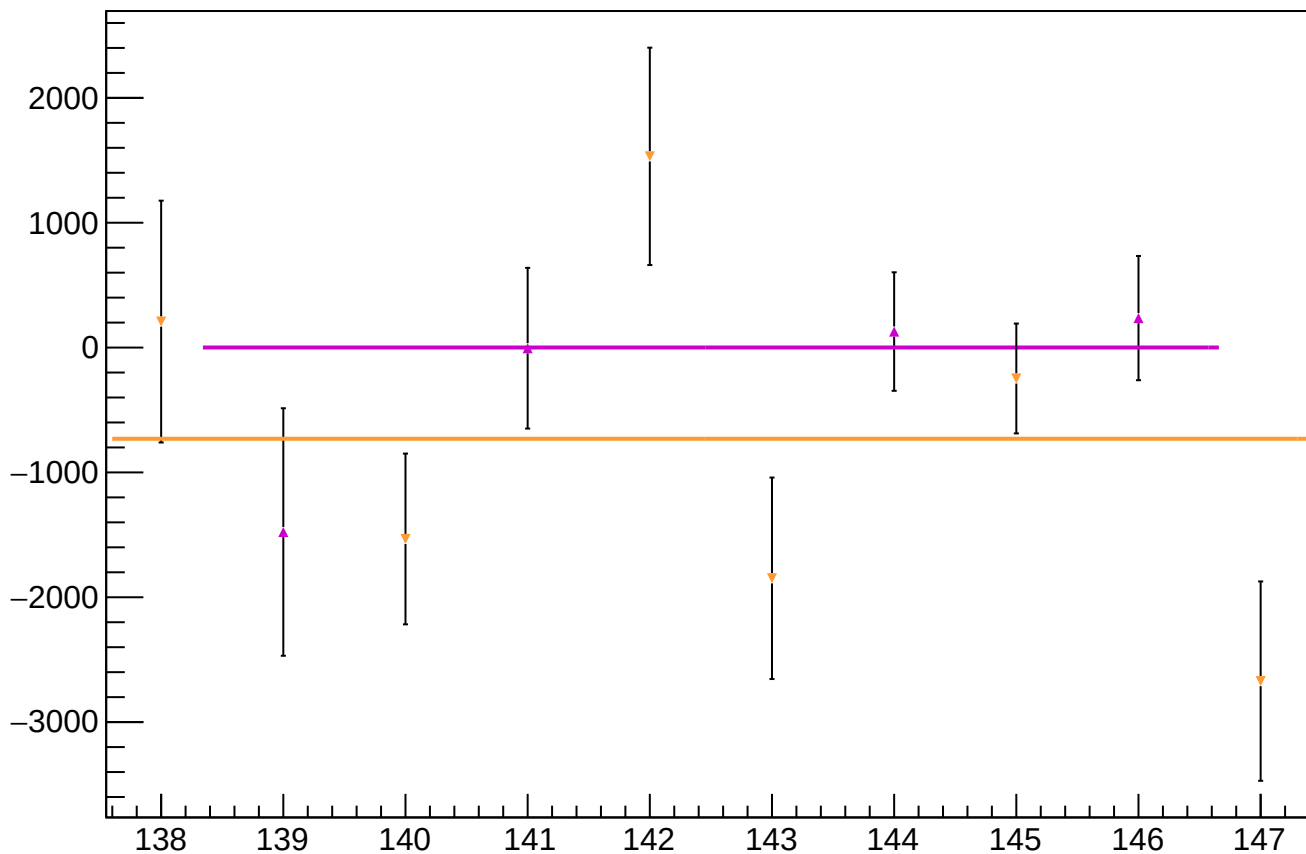
Left In: 99.206+/-0.040 χ^2/NDF : 94150.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.434+/-0.025 χ^2/NDF : 346528.9/9

- 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: -730.258 $\pm$ 279.563 χ^2 /NDF:18.1/5

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

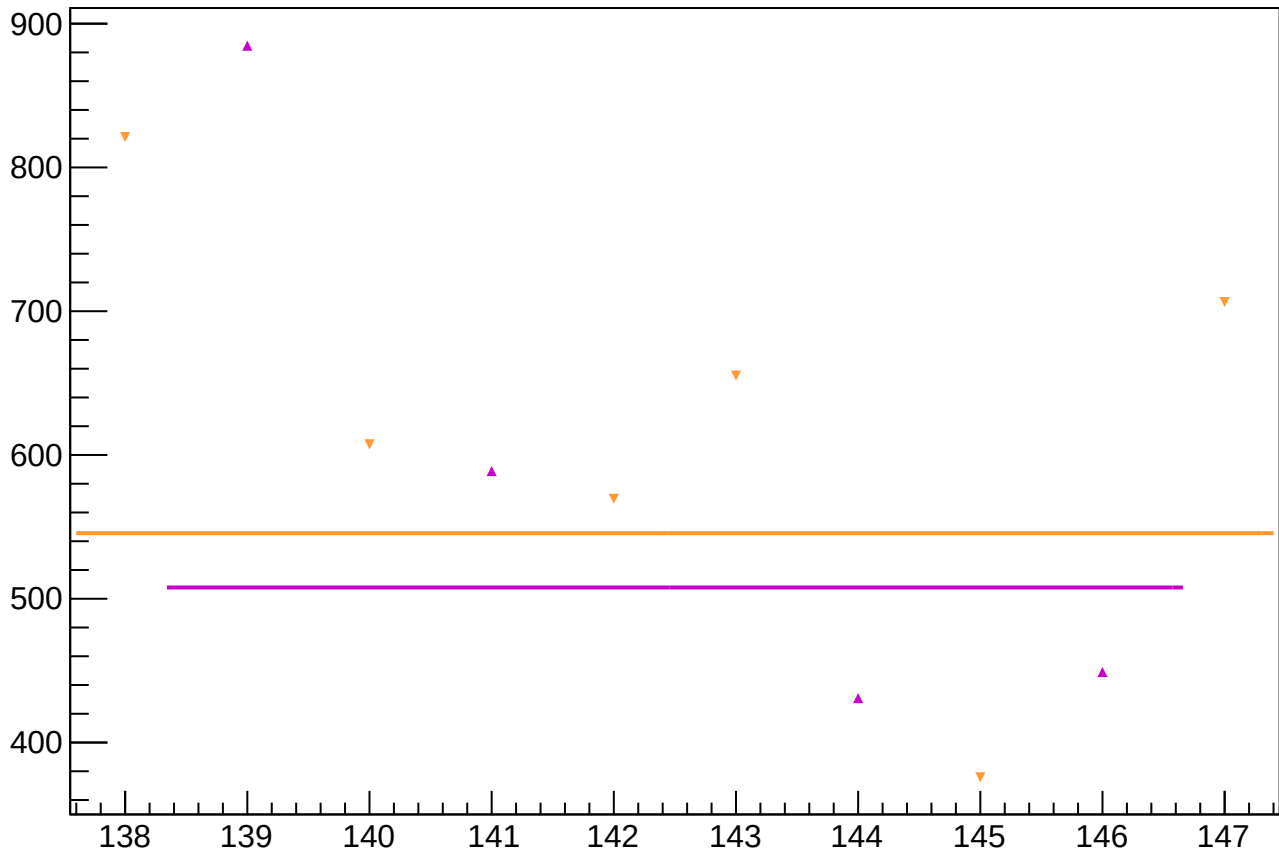
Left In: 0.578 $\pm$ 289.800 χ^2 /NDF:2.5/3

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

All: -377.975 $\pm$ 201.203 χ^2 /NDF: 23.9/9

- 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: 545.632+/-0.198 χ^2/NDF : 595679.7/5

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

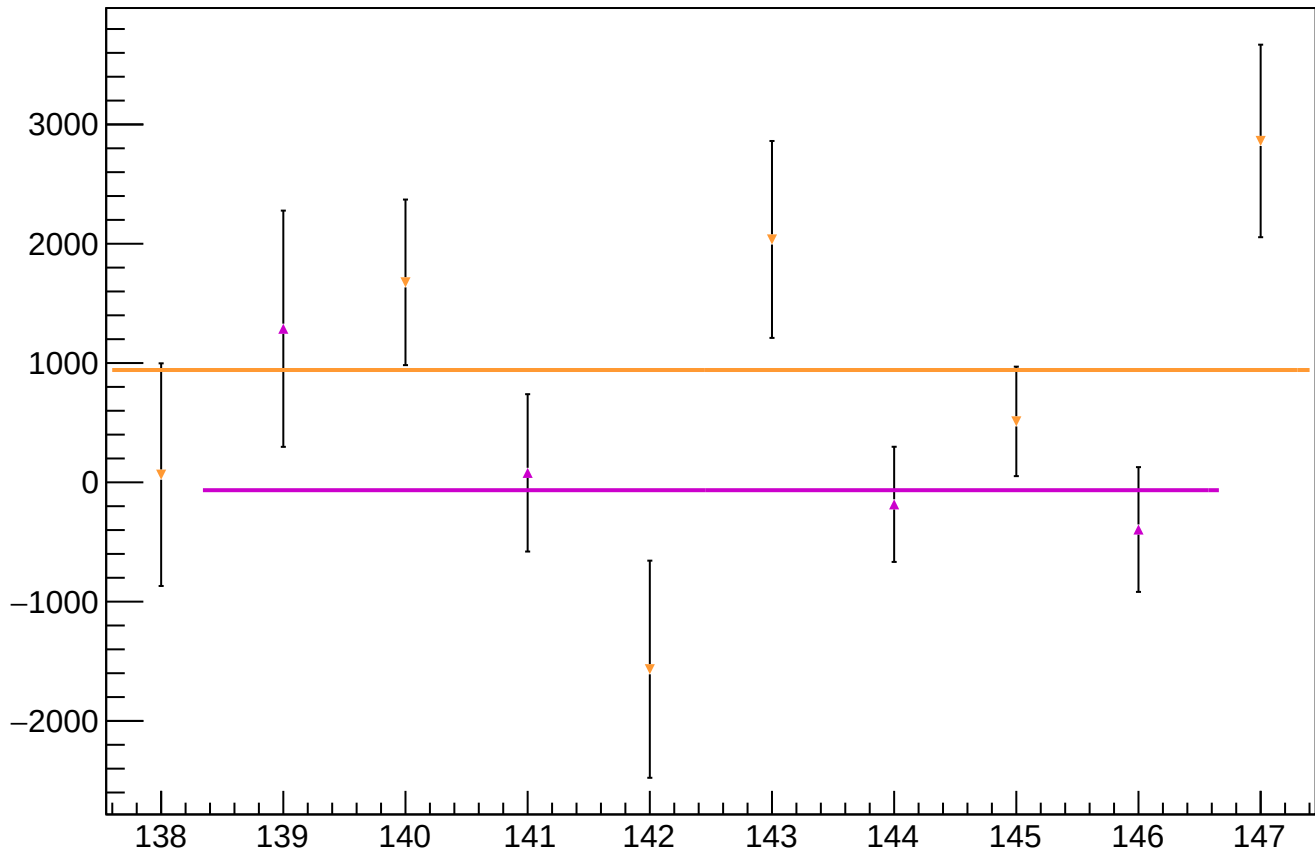
Left In: 507.847+/-0.205 χ^2/NDF : 401162.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.418+/-0.142 χ^2/NDF : 1014453.0/9

- 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: 941.632+/-286.474 χ^2/NDF :17.9/5

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

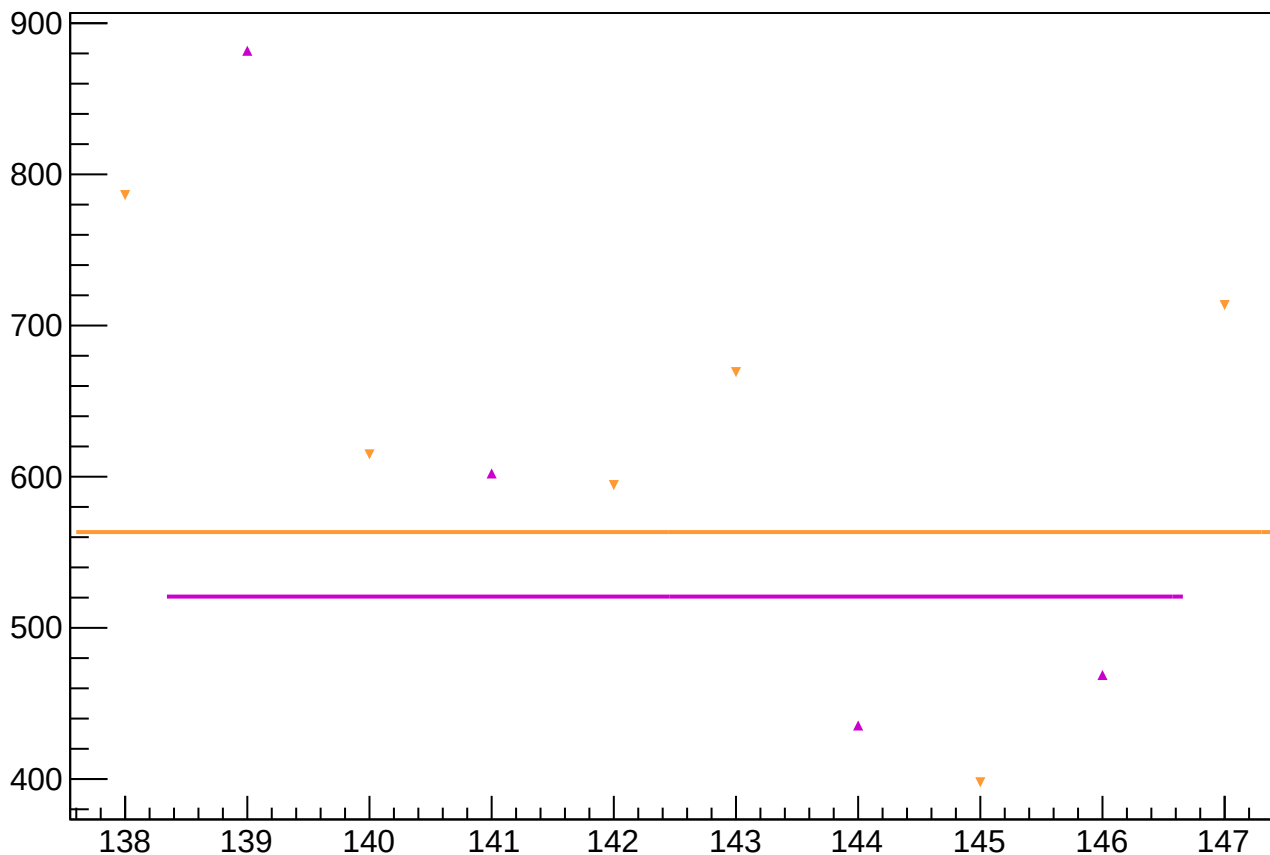
Left In: -65.853+/-297.896 χ^2/NDF :2.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.575+/-206.487 χ^2/NDF : 26.2/9

- 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: 563.365+/-0.203 χ^2/NDF : 489822.3/5

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

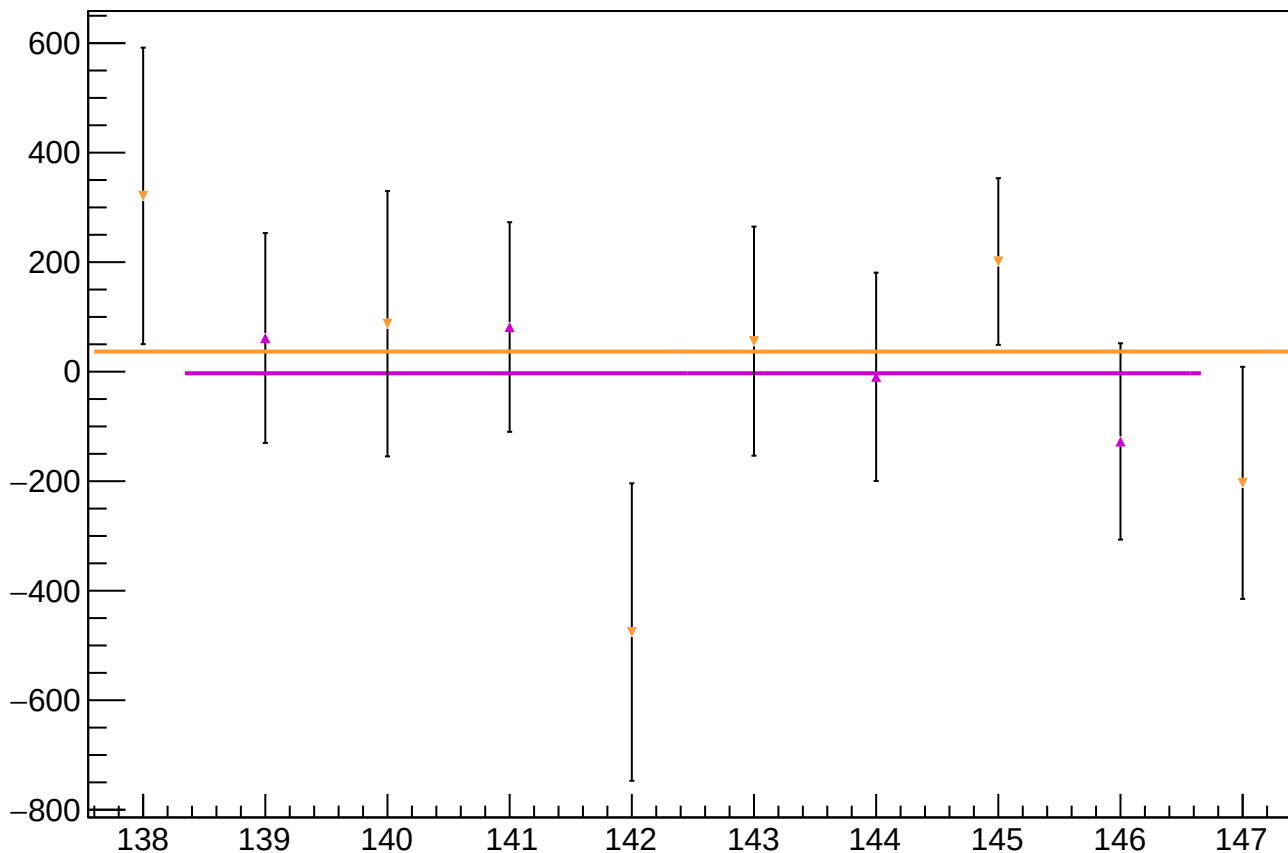
Left In: 520.699+/-0.211 χ^2/NDF : 378601.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.865+/-0.146 χ^2/NDF : 889738.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 36.723 $\pm$ 86.869 χ^2 /NDF: 7.2/5

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

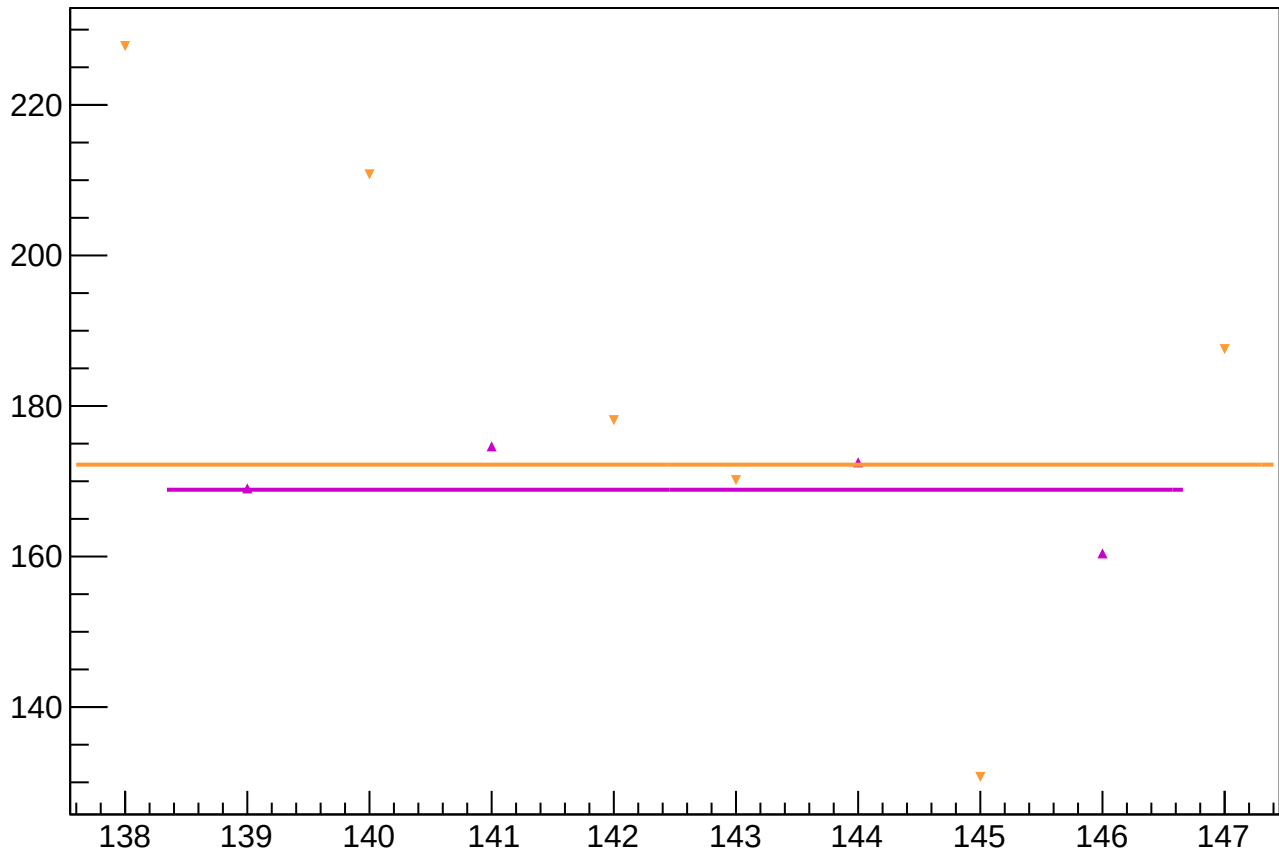
Left In: -2.861 $\pm$ 93.951 χ^2 /NDF: 0.8/3

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

All: 18.479 $\pm$ 63.782 χ^2 /NDF: 8.0/9

- sign 0.000 $\pm$ 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: 172.205+/-0.061 χ^2/NDF : 295335.1/5

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

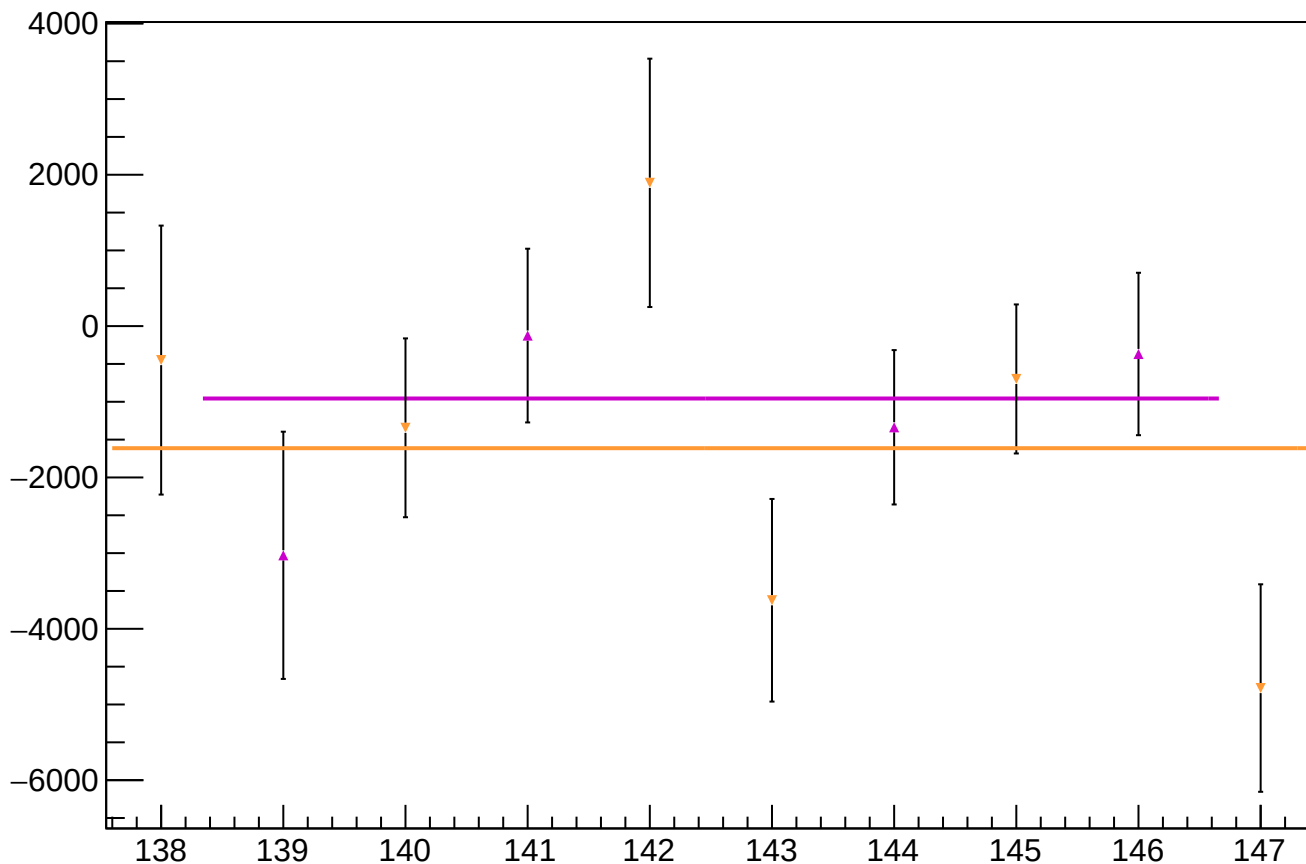
Left In: 168.875+/-0.066 χ^2/NDF : 6996.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.670+/-0.045 χ^2/NDF : 303686.0/9

- 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: -1613.384+/-532.581 χ^2/NDF : 13.5/5

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

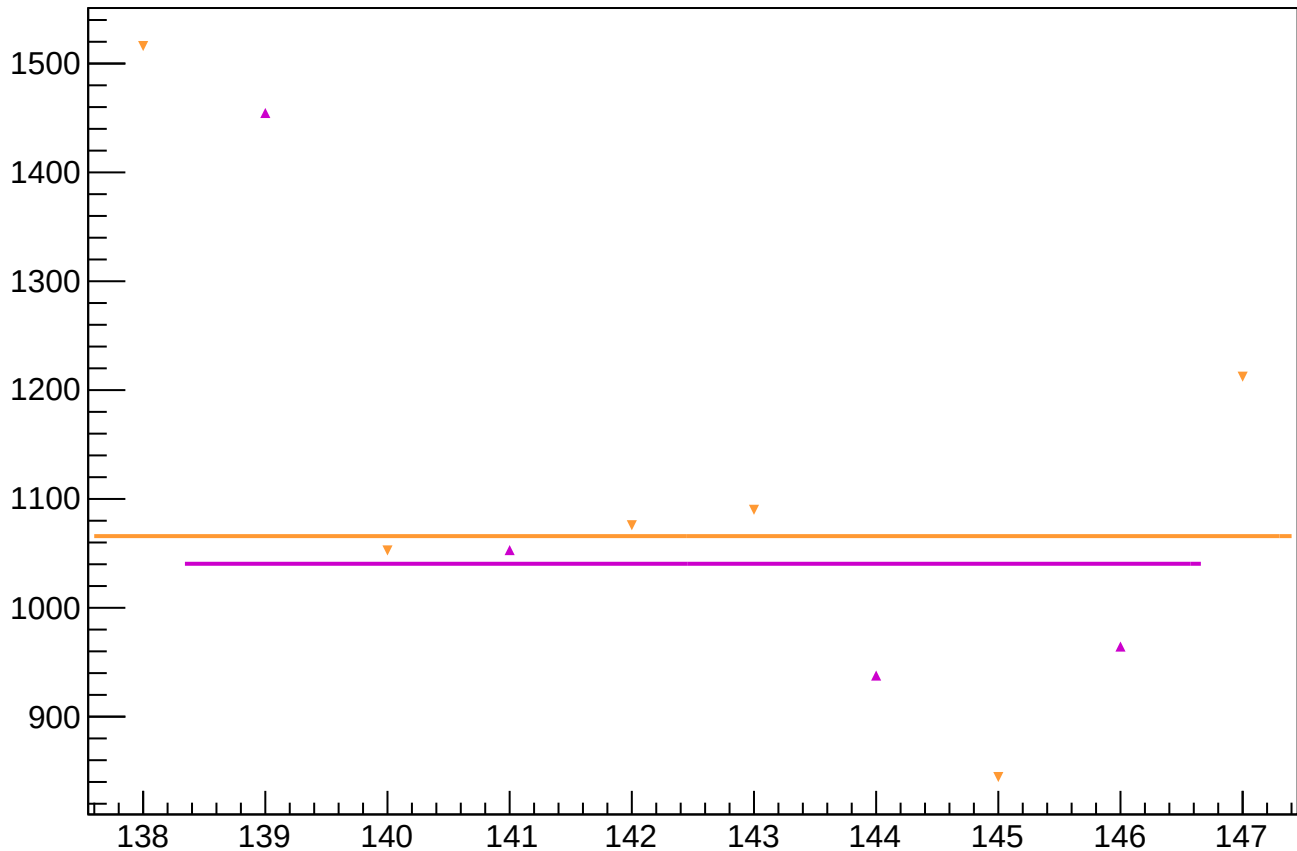
Left In: -956.781+/-580.894 χ^2/NDF : 2.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1313.518+/-392.562 χ^2/NDF : 16.8/9

- 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: 1065.854+/-0.377 χ^2/NDF : 253209.9/5

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

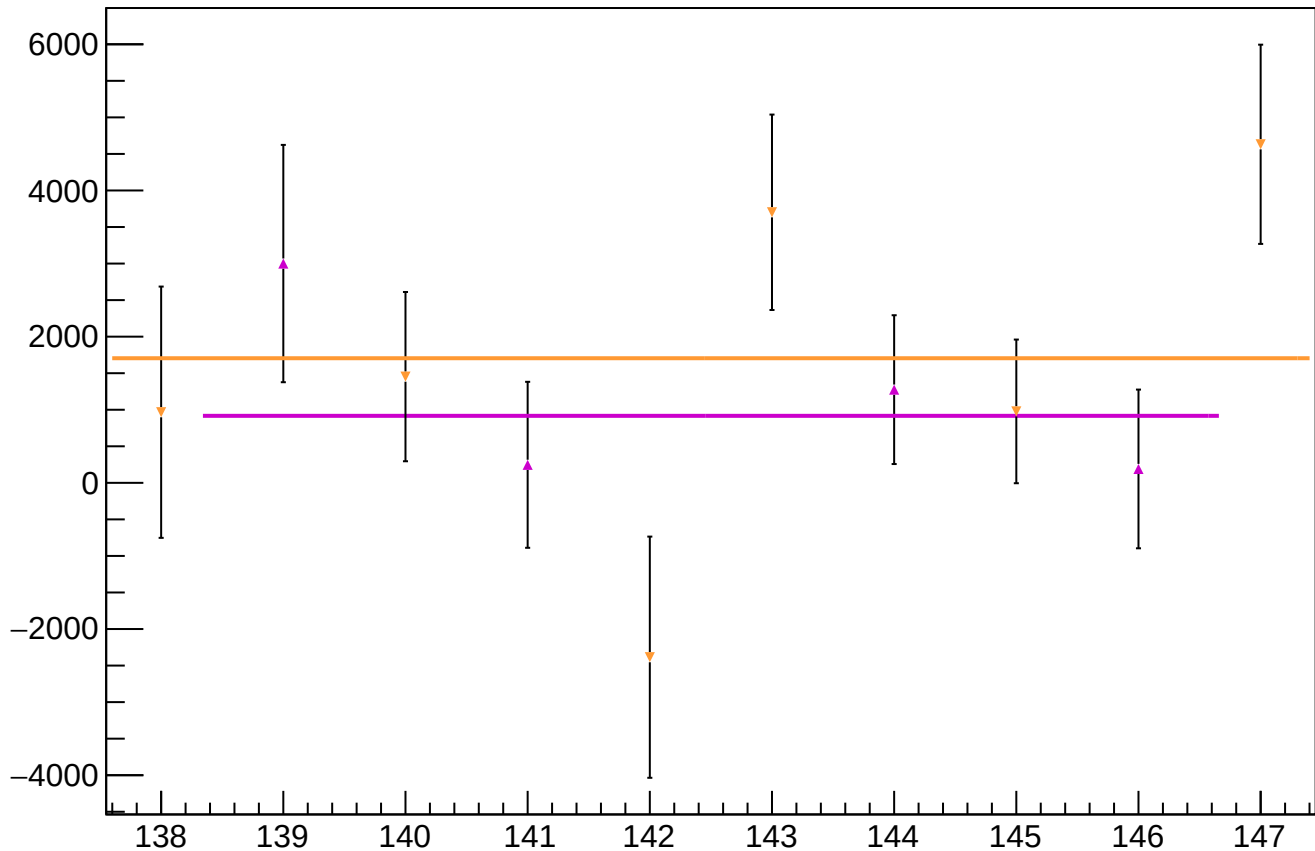
Left In: 1040.453+/-0.411 χ^2/NDF : 159116.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1054.253+/-0.278 χ^2/NDF : 414403.8/9

- 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: 1704.827+/-528.158 χ^2/NDF :13.8/5

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

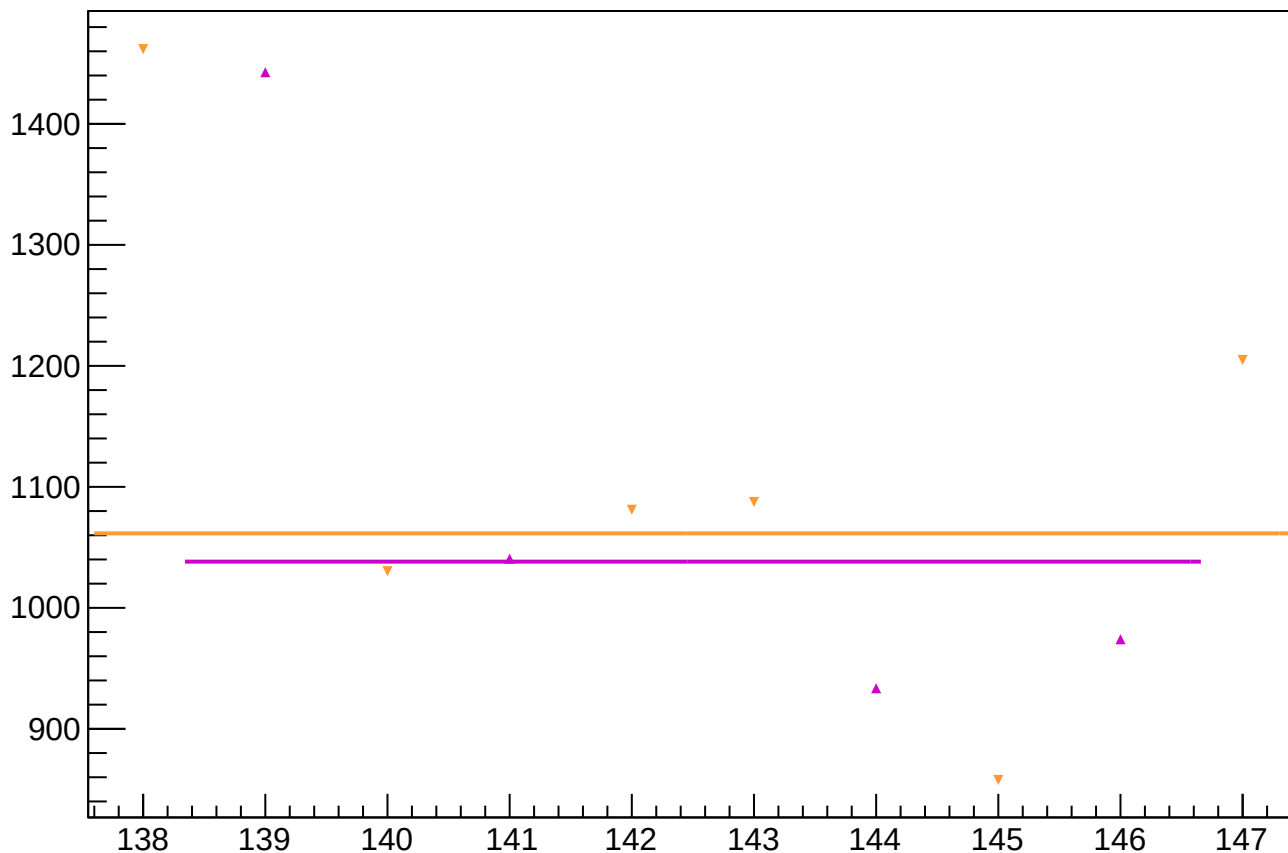
Left In: 916.865+/-580.422 χ^2/NDF :2.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.912+/-390.637 χ^2/NDF : 17.3/9

- 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: 1061.557+/-0.373 χ^2/NDF :219030.5/5

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

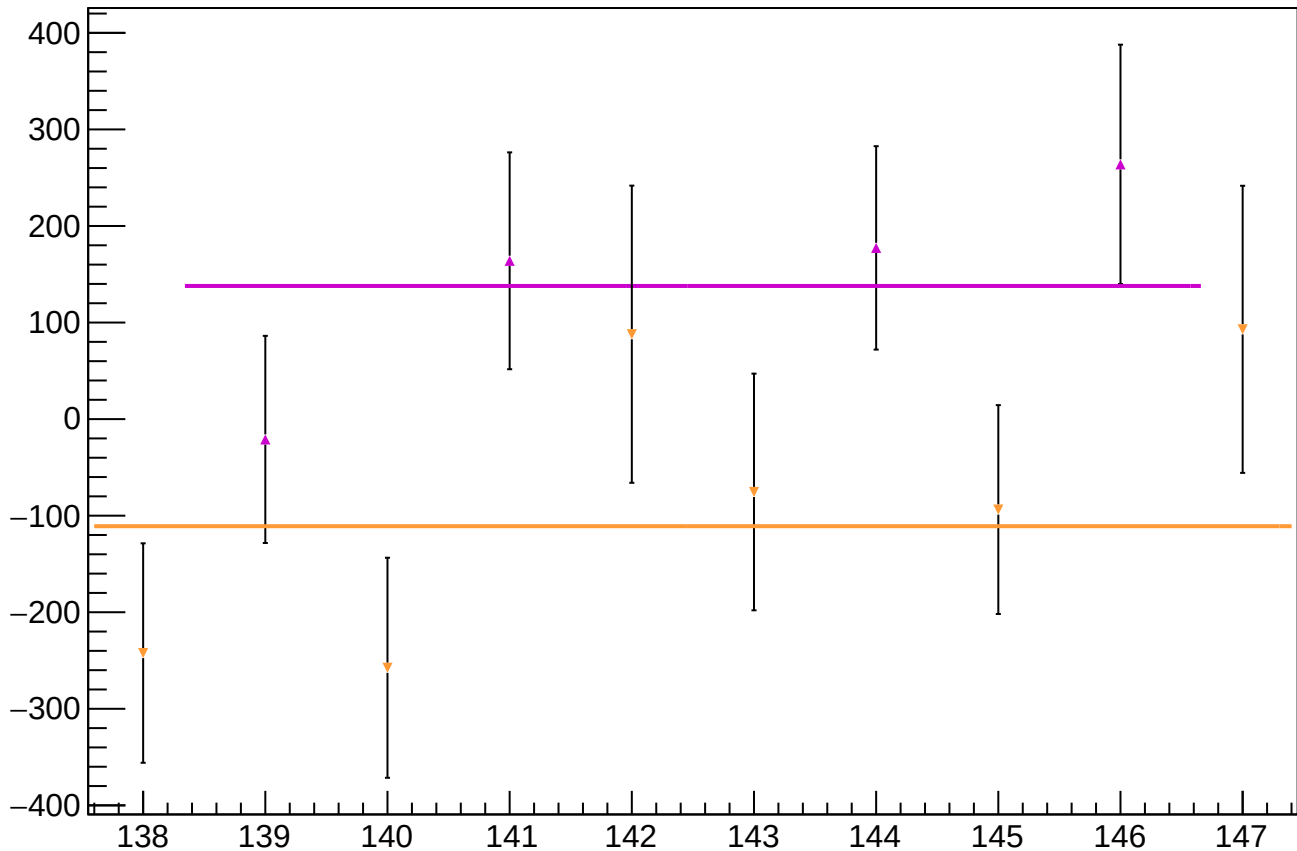
Left In: 1038.199+/-0.410 χ^2/NDF :152297.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1050.977+/-0.276 χ^2/NDF : 373099.7/9

- 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: -110.924+/-50.377 χ^2/NDF : 6.7/5

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

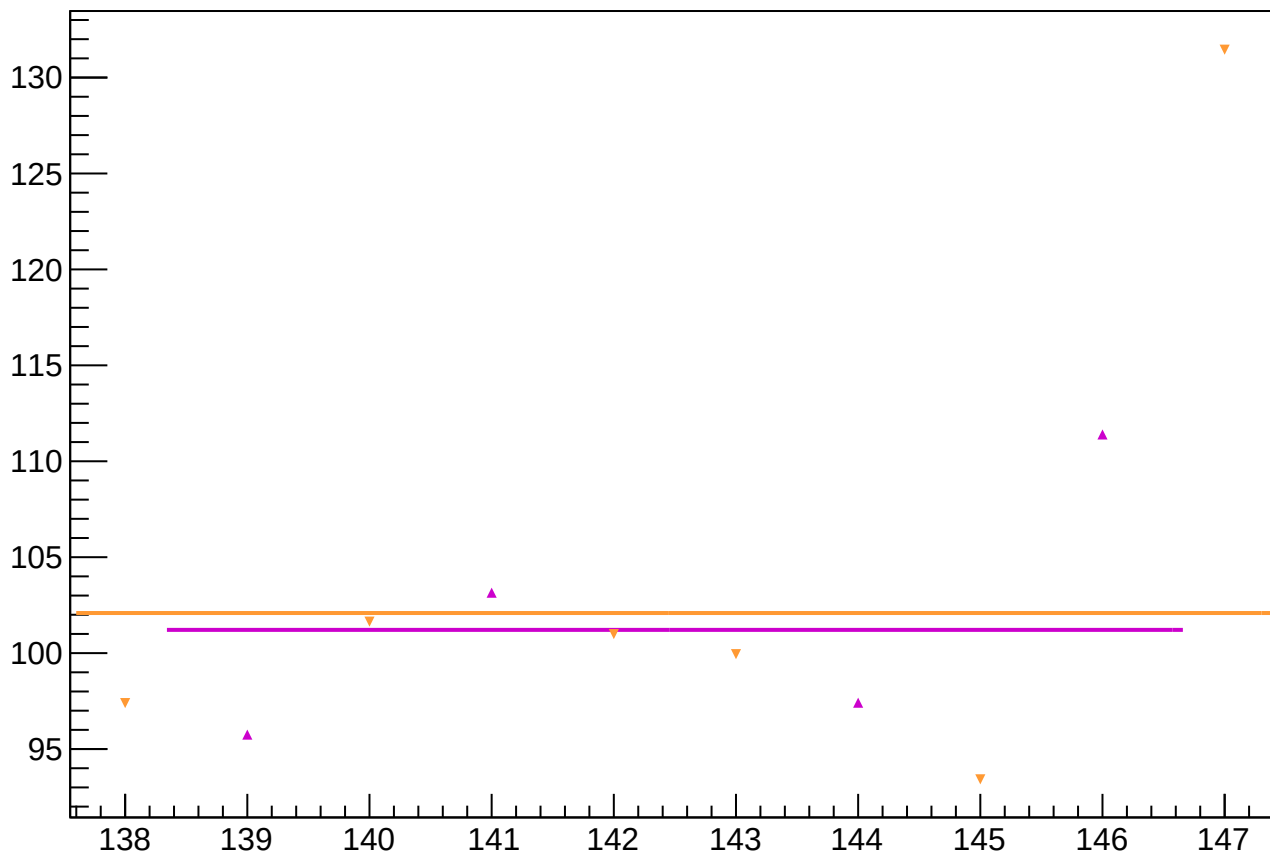
Left In: 137.897+/-55.773 χ^2/NDF : 3.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.871+/-37.384 χ^2/NDF : 21.0/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 102.090 $\pm$ 0.036 χ^2 /NDF:95029.6/5

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

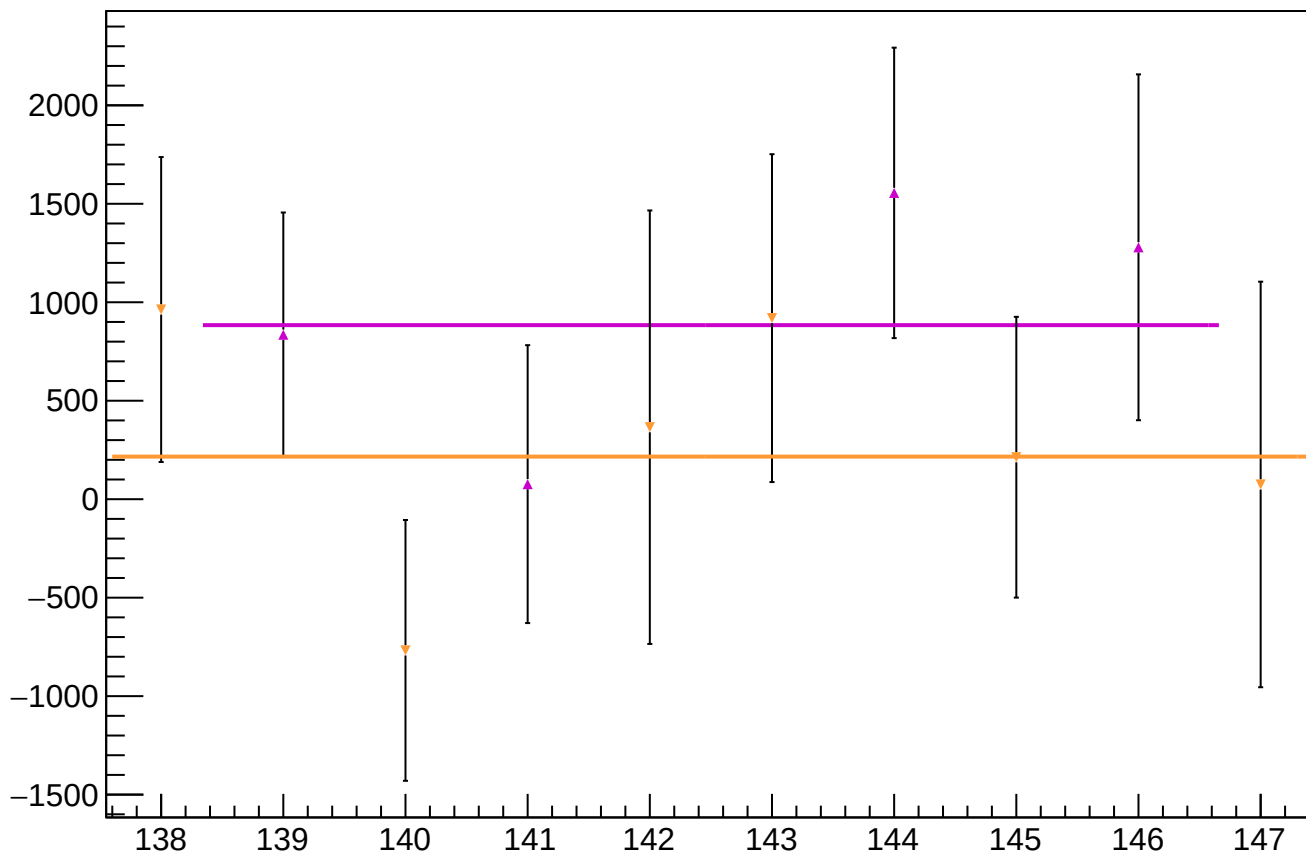
Left In: 101.212 $\pm$ 0.039 χ^2 /NDF:21880.4/3

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

All: 101.696 $\pm$ 0.026 χ^2 /NDF: 117183.4/9

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

asym_sam_15_dd_correction_mean vs Slug



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

Left Out: 216.307+/-330.958 χ^2/NDF : 3.9/5

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

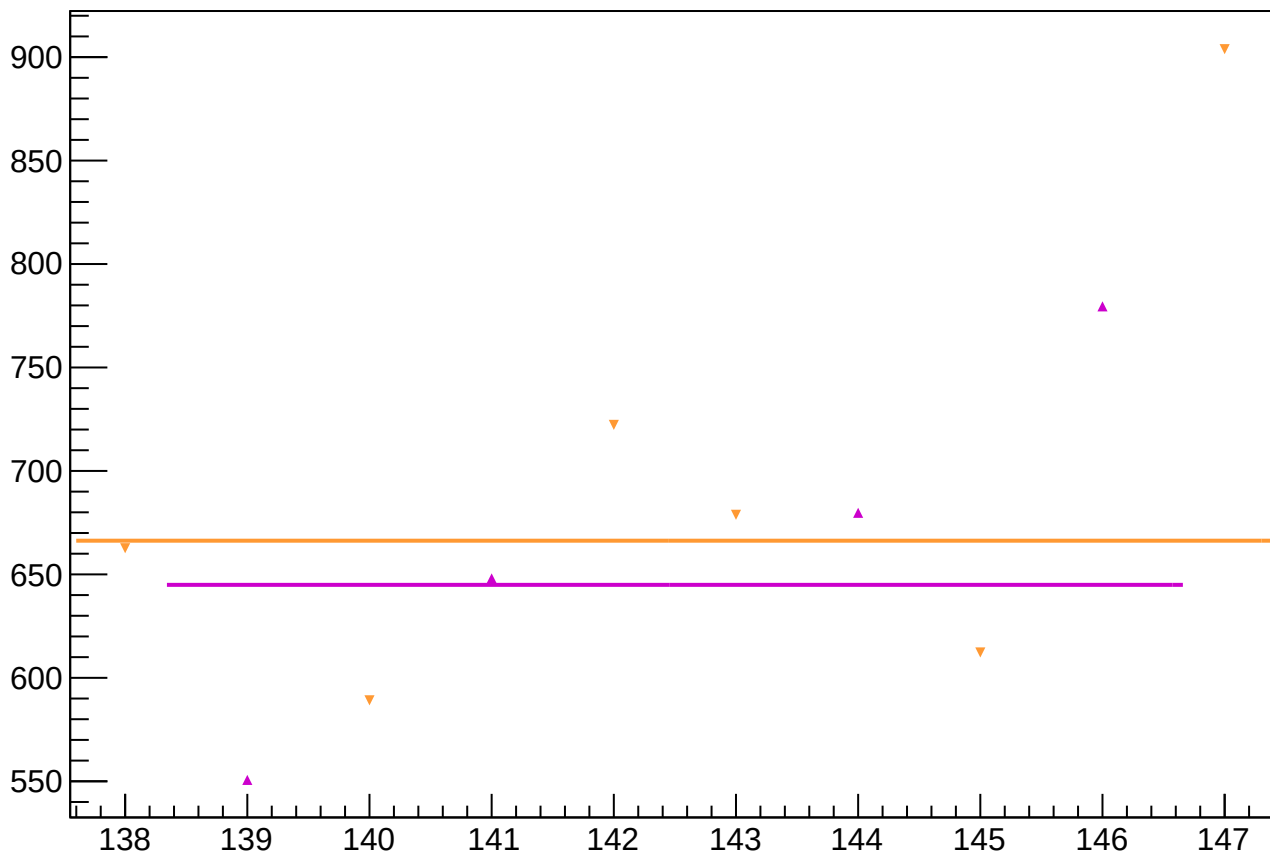
Left In: 883.800+/-359.373 χ^2/NDF : 2.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.625+/-243.449 χ^2/NDF : 8.1/9

- sign 0.000+/-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: 666.286+/-0.234 χ^2/NDF : 150767.7/5

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

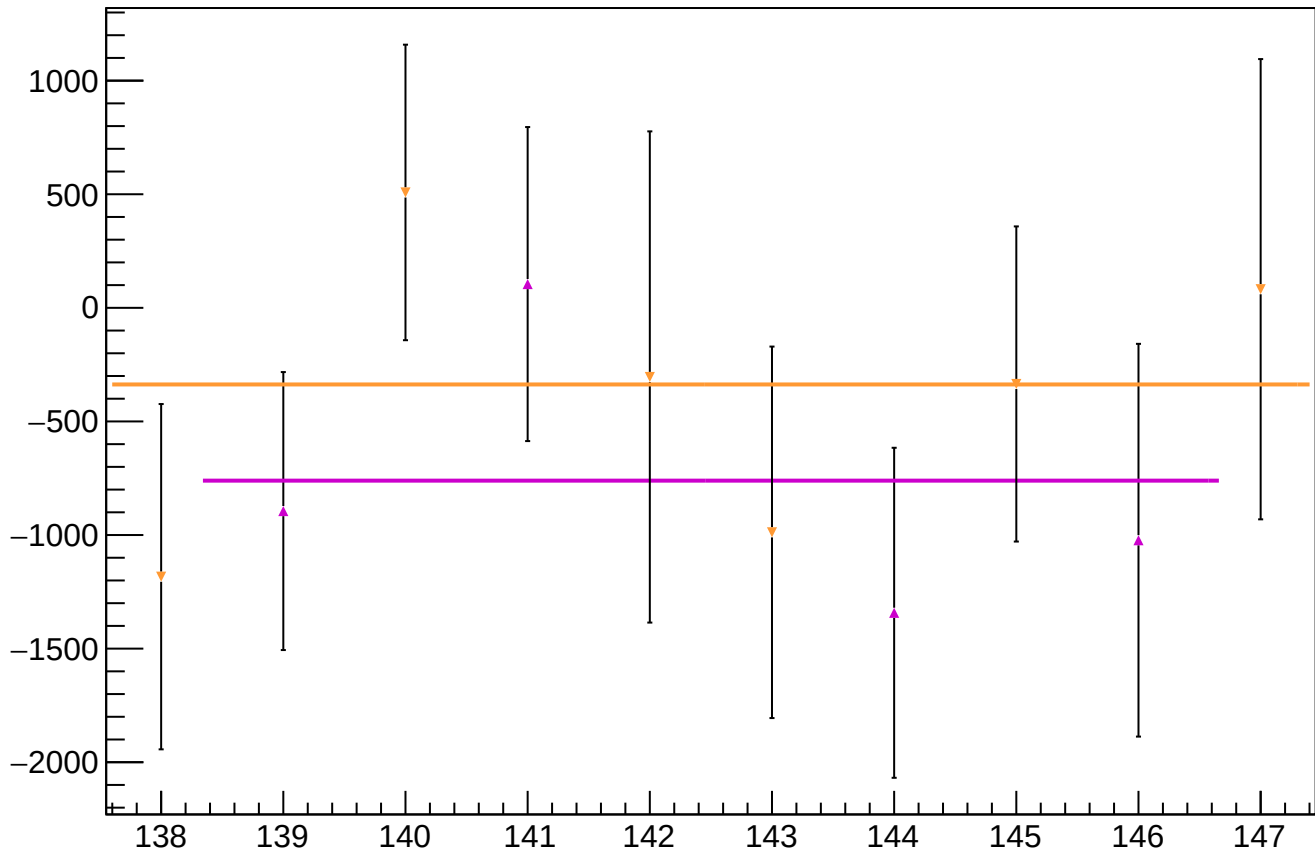
Left In: 644.941+/-0.254 χ^2/NDF : 97659.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 656.491+/-0.172 χ^2/NDF : 252245.1/9

- 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: -337.228+/-324.435 χ^2/NDF : 3.7/5

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

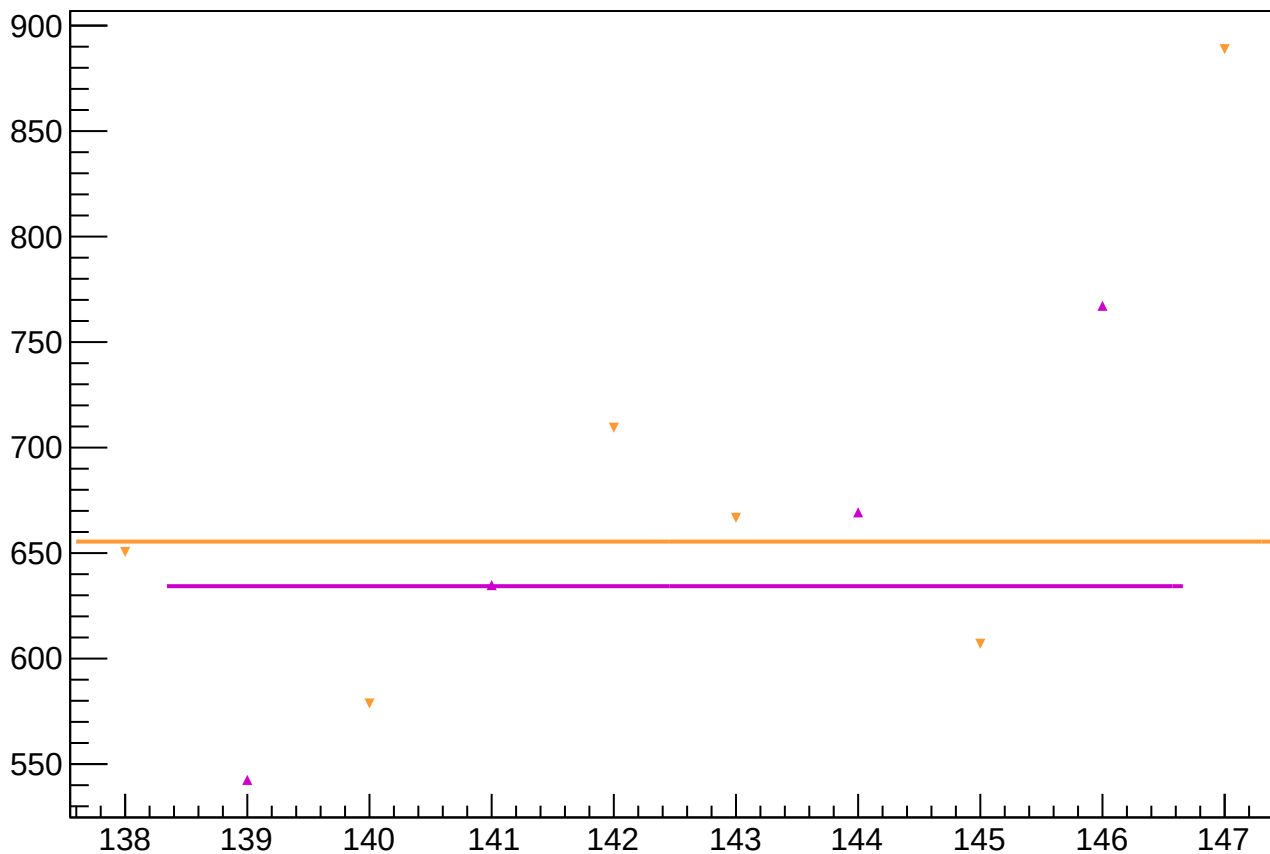
Left In: -760.602+/-353.558 χ^2/NDF : 2.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -530.763+/-239.044 χ^2/NDF : 6.9/9

- 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: 655.448+/-0.229 χ^2/NDF : 149186.6/5

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

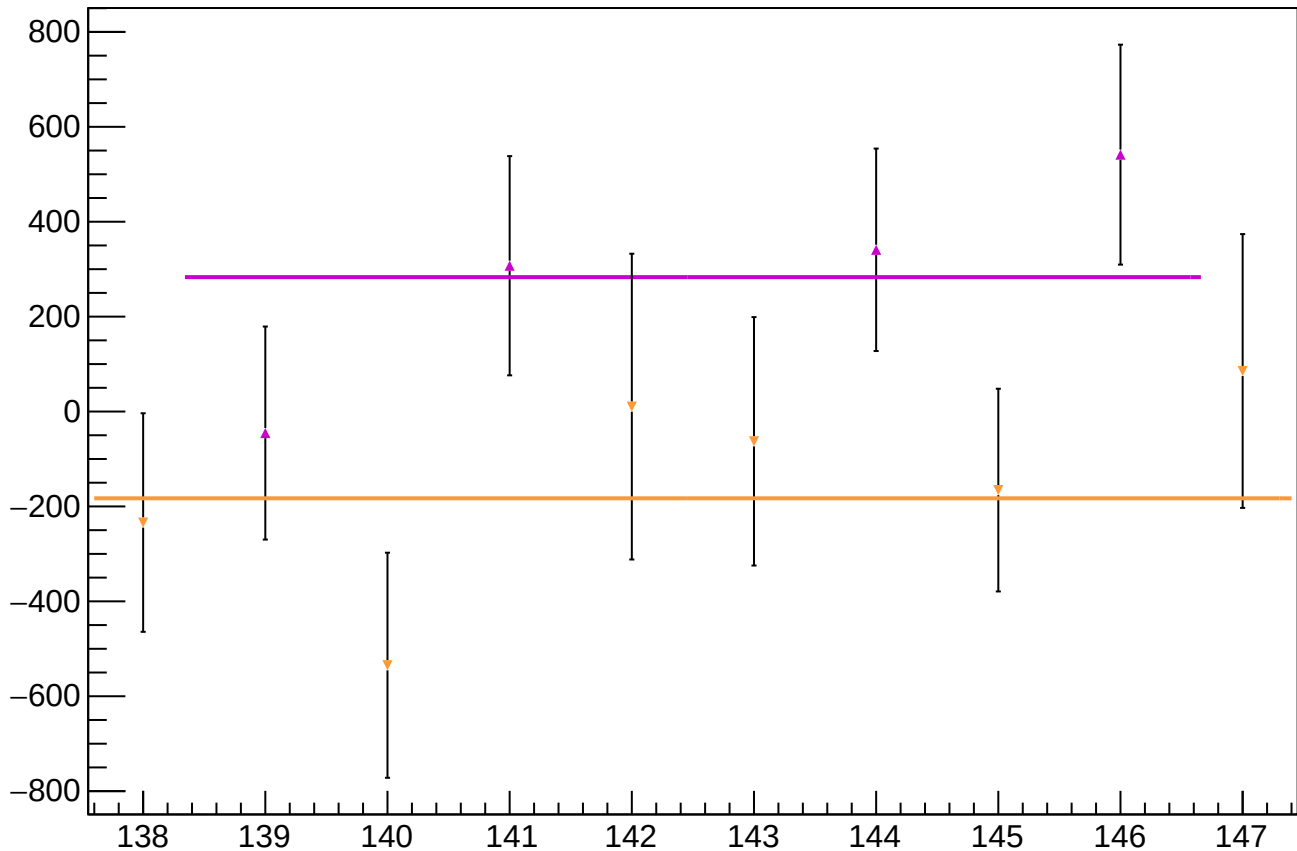
Left In: 634.316+/-0.250 χ^2/NDF : 96956.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.788+/-0.169 χ^2/NDF : 250022.2/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -182.869+/-102.713 χ^2/NDF : 3.7/5

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

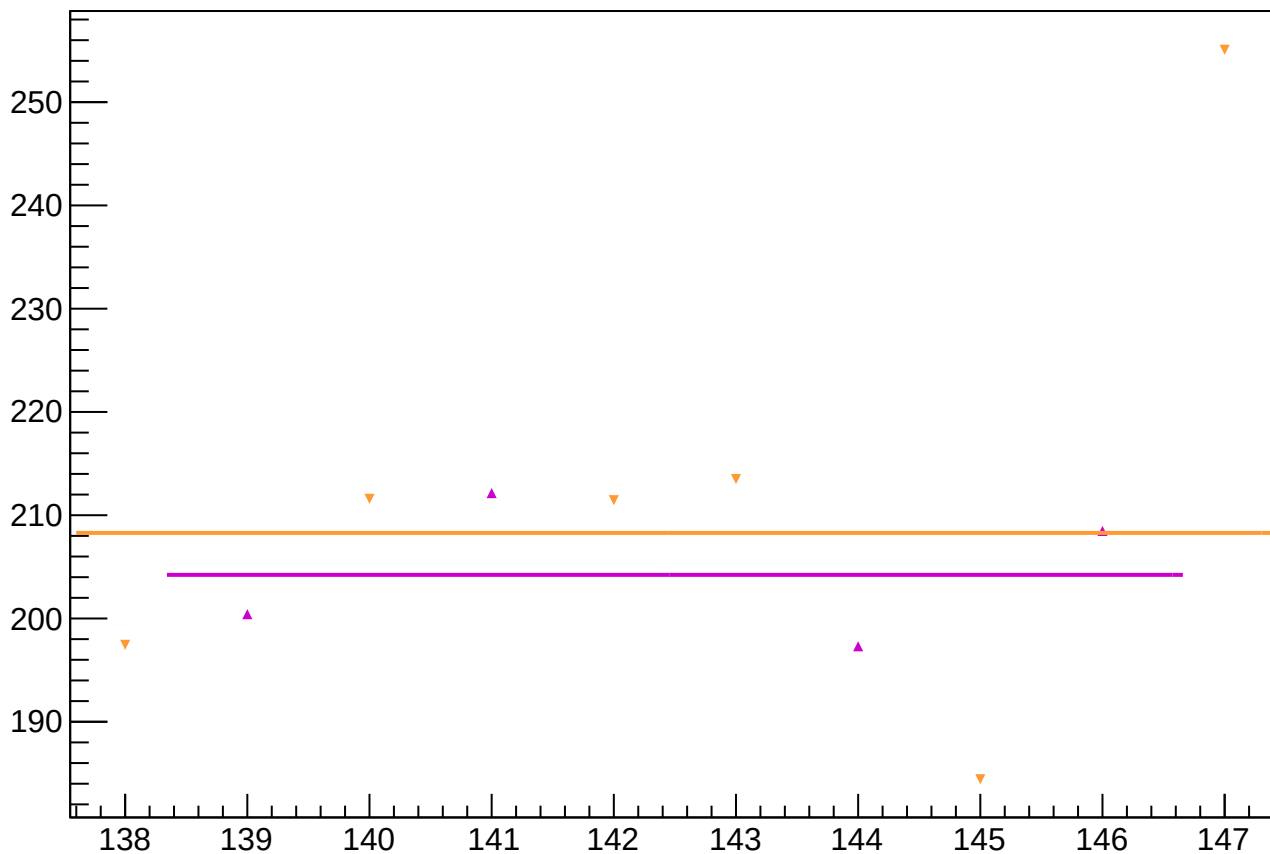
Left In: 283.254+/-112.379 χ^2/NDF : 3.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.288+/-75.817 χ^2/NDF : 16.5/9

- sign 0.000+/-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: 208.289+/-0.073 χ^2/NDF : 83328.8/5

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

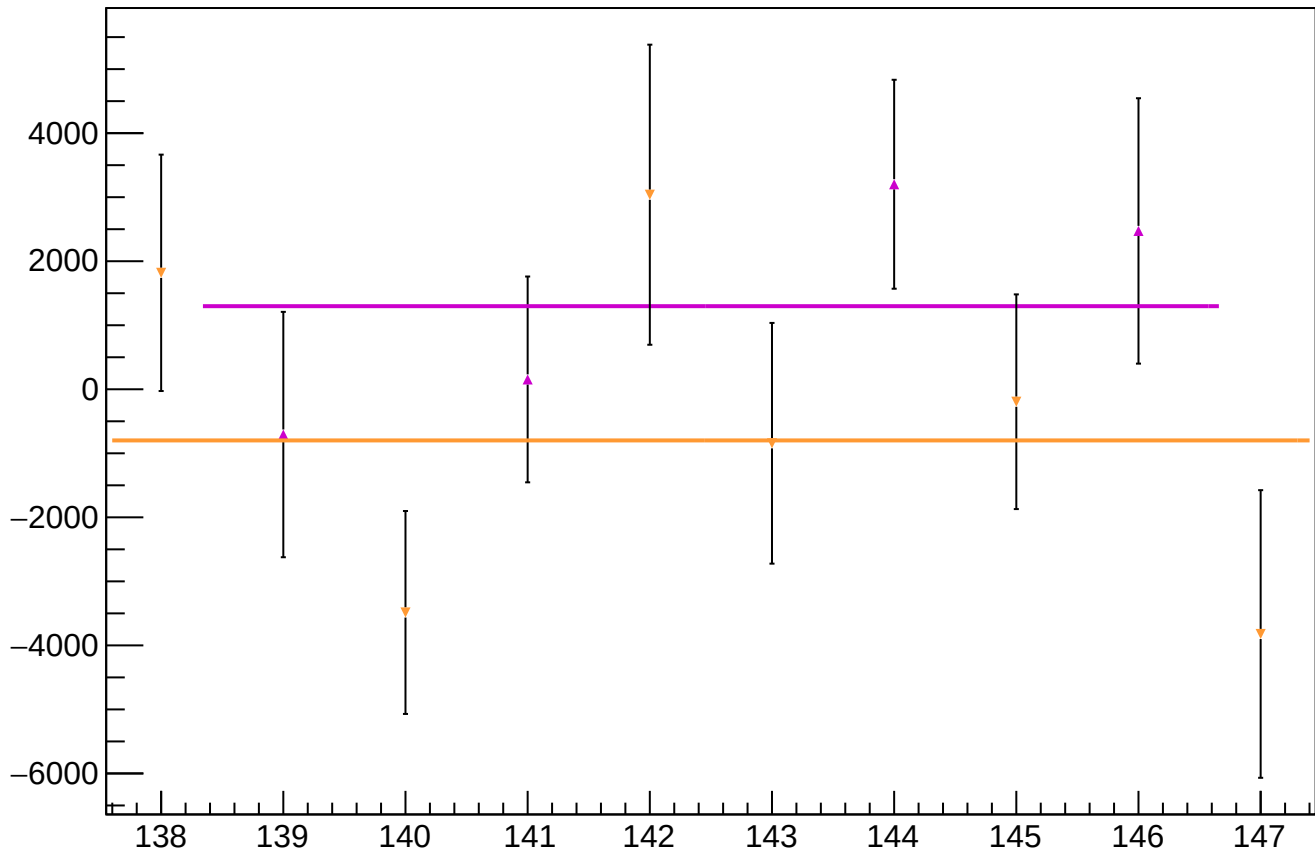
Left In: 204.225+/-0.079 χ^2/NDF : 5700.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.439+/-0.054 χ^2/NDF : 90454.3/9

- 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: -798.797+/-764.545 χ^2/NDF : 9.5/5

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

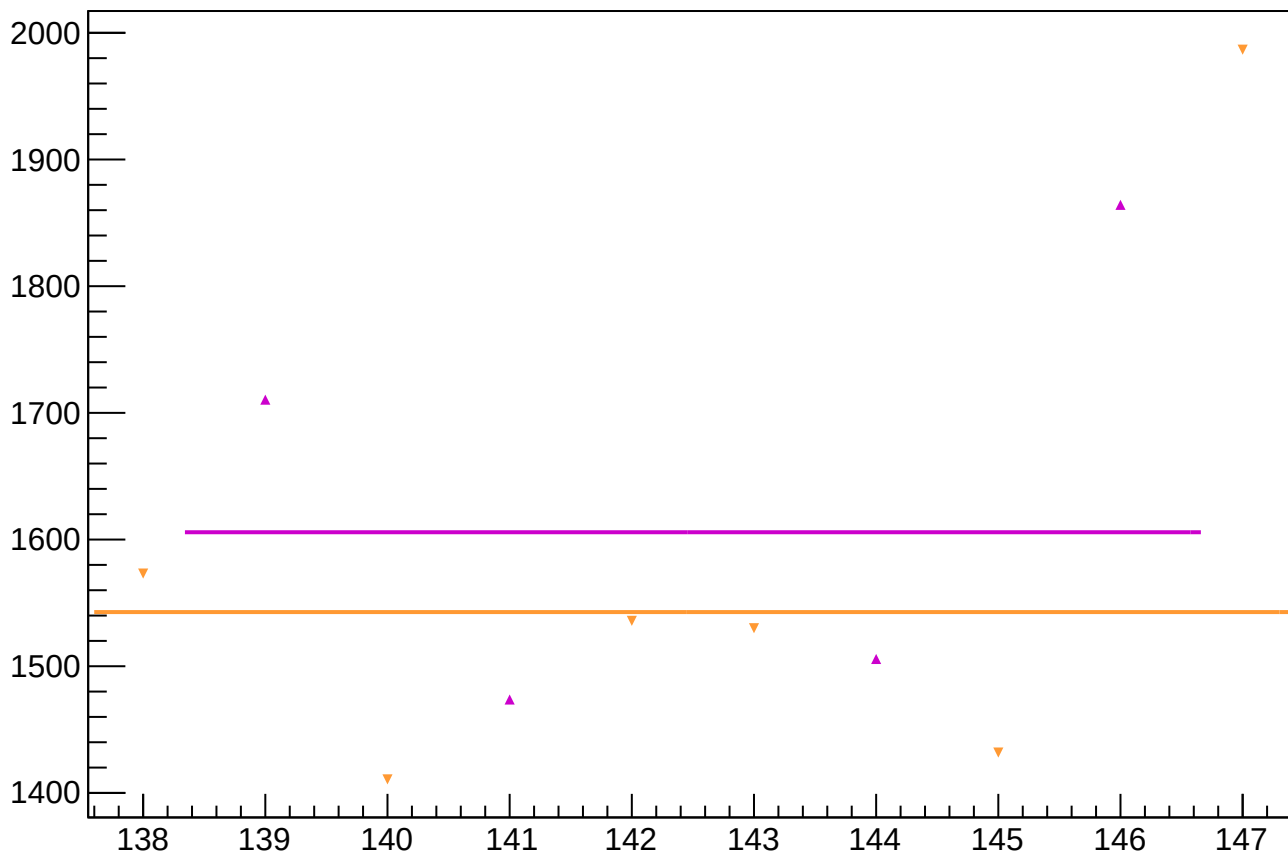
Left In: 1297.790+/-888.077 χ^2/NDF : 3.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.649+/-579.409 χ^2/NDF : 16.0/9

- 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: 1542.757+/-0.541 χ^2/NDF :101419.6/5

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

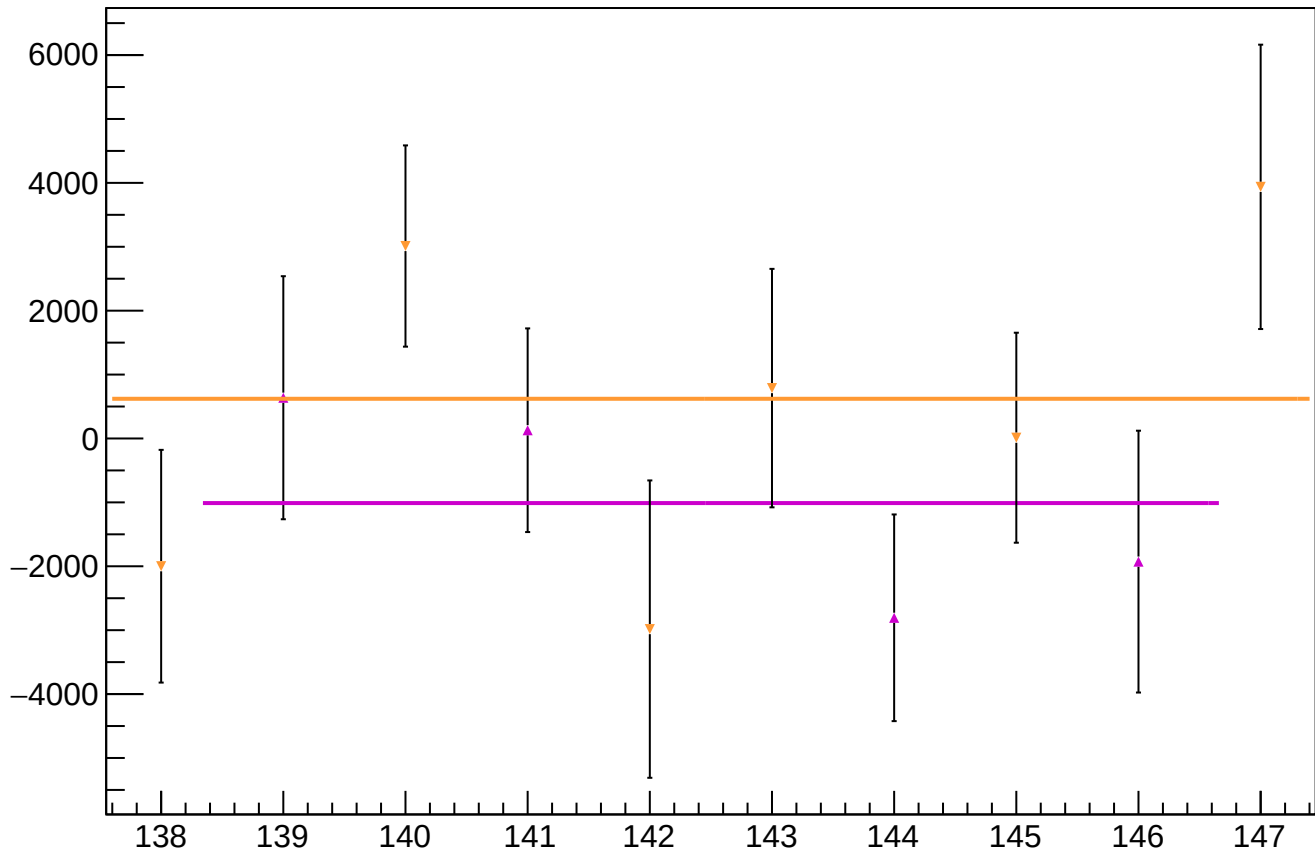
Left In: 1605.772+/-0.628 χ^2/NDF :58084.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.580+/-0.410 χ^2/NDF : 165287.5/9

- 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: 621.218+/-756.118 χ^2/NDF : 9.1/5

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

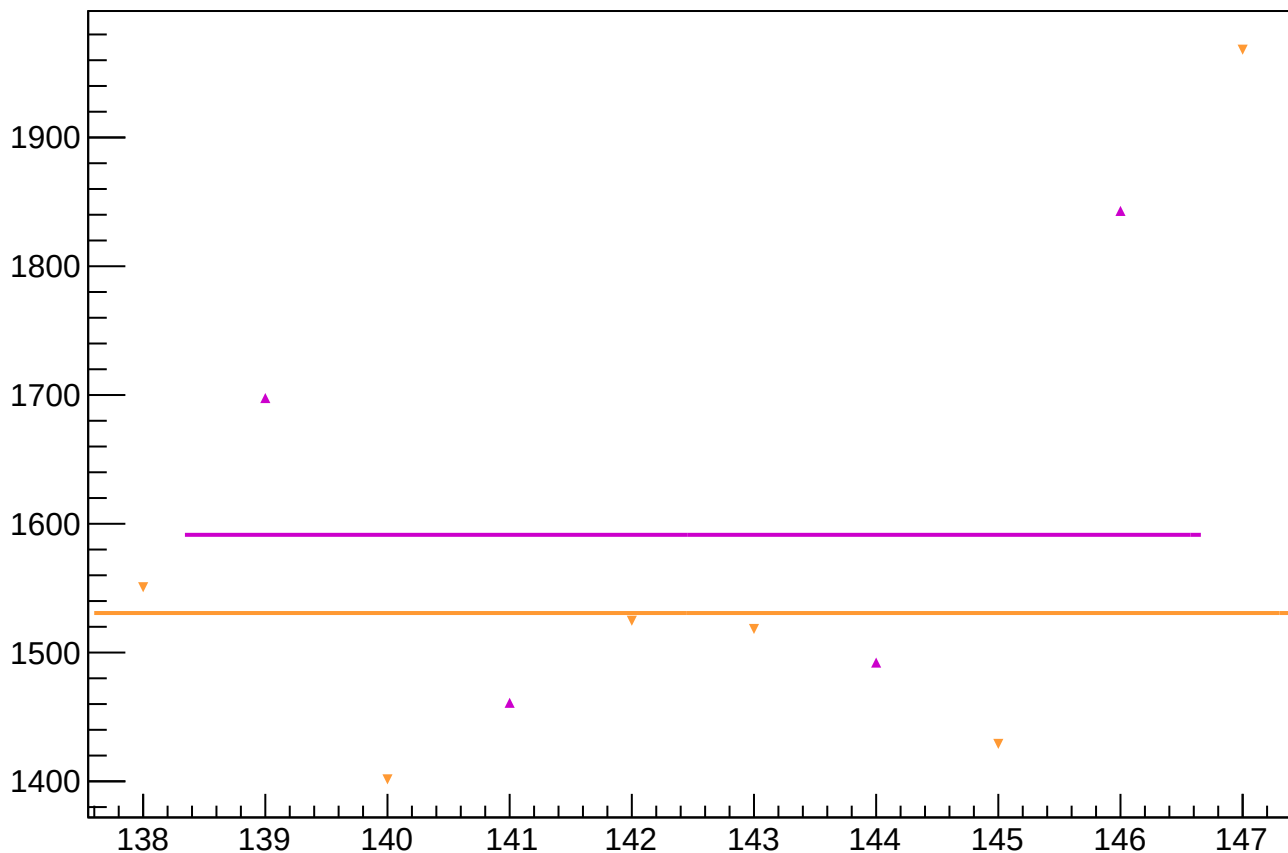
Left In: -1010.897+/-880.161 χ^2/NDF : 2.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.820+/-573.542 χ^2/NDF : 13.8/9

- 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: 1530.694+/-0.535 χ^2/NDF : 98765.0/5

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

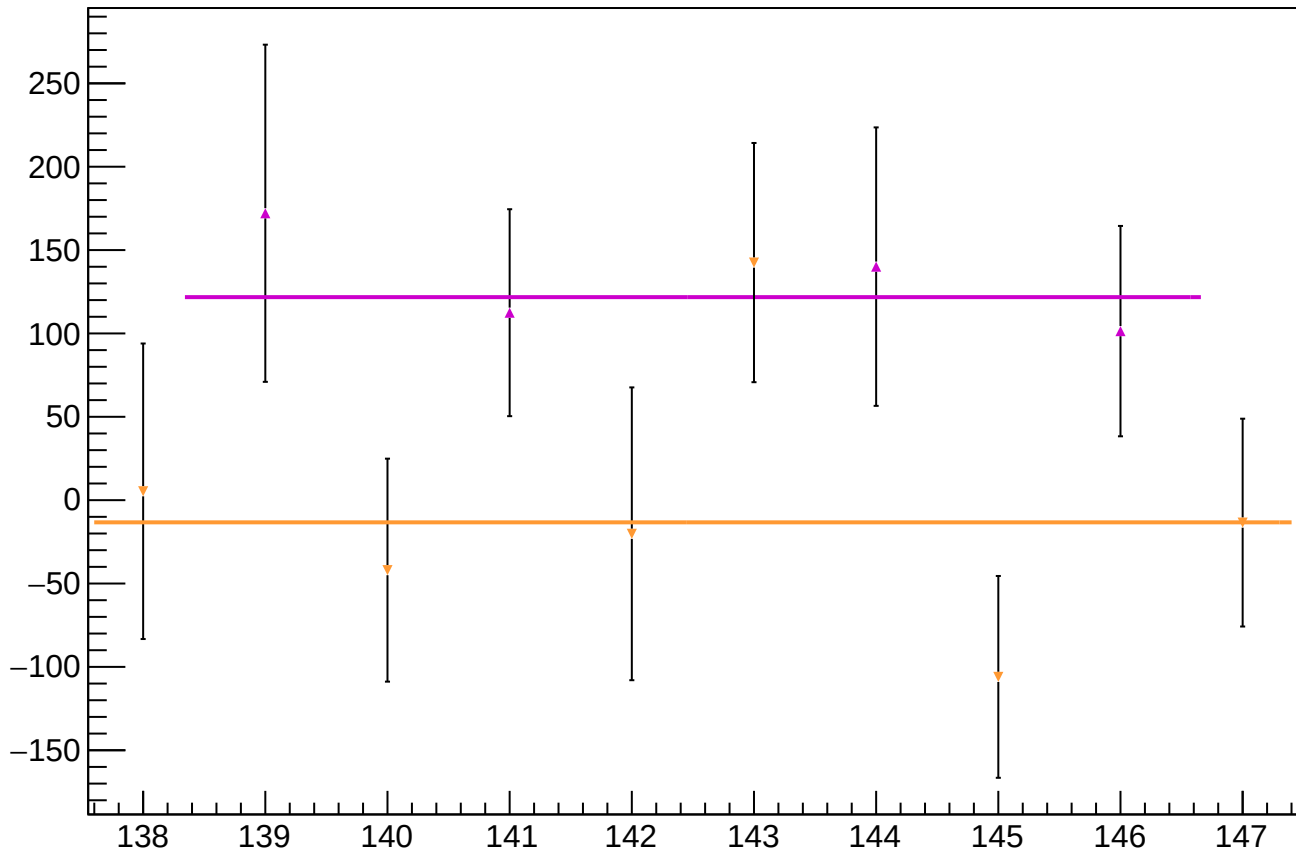
Left In: 1591.427+/-0.622 χ^2/NDF : 57313.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.483+/-0.406 χ^2/NDF : 161557.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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

Left Out: -13.305+/-28.803 χ^2/NDF : 7.3/5

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

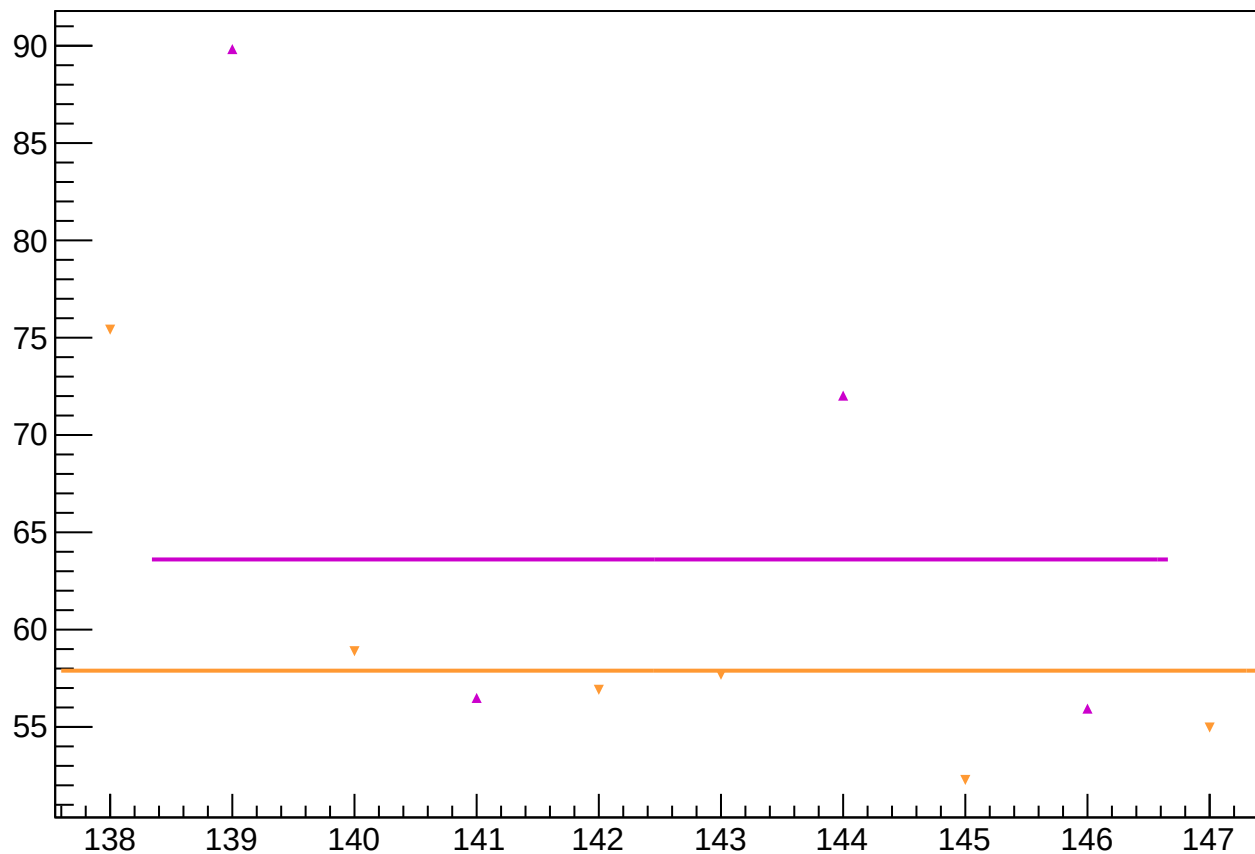
Left In: 121.775+/-36.465 χ^2/NDF : 0.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.594+/-22.603 χ^2/NDF : 16.2/9

- sign 0.000+/-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: 57.891+/-0.020 χ^2/NDF :100489.3/5

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

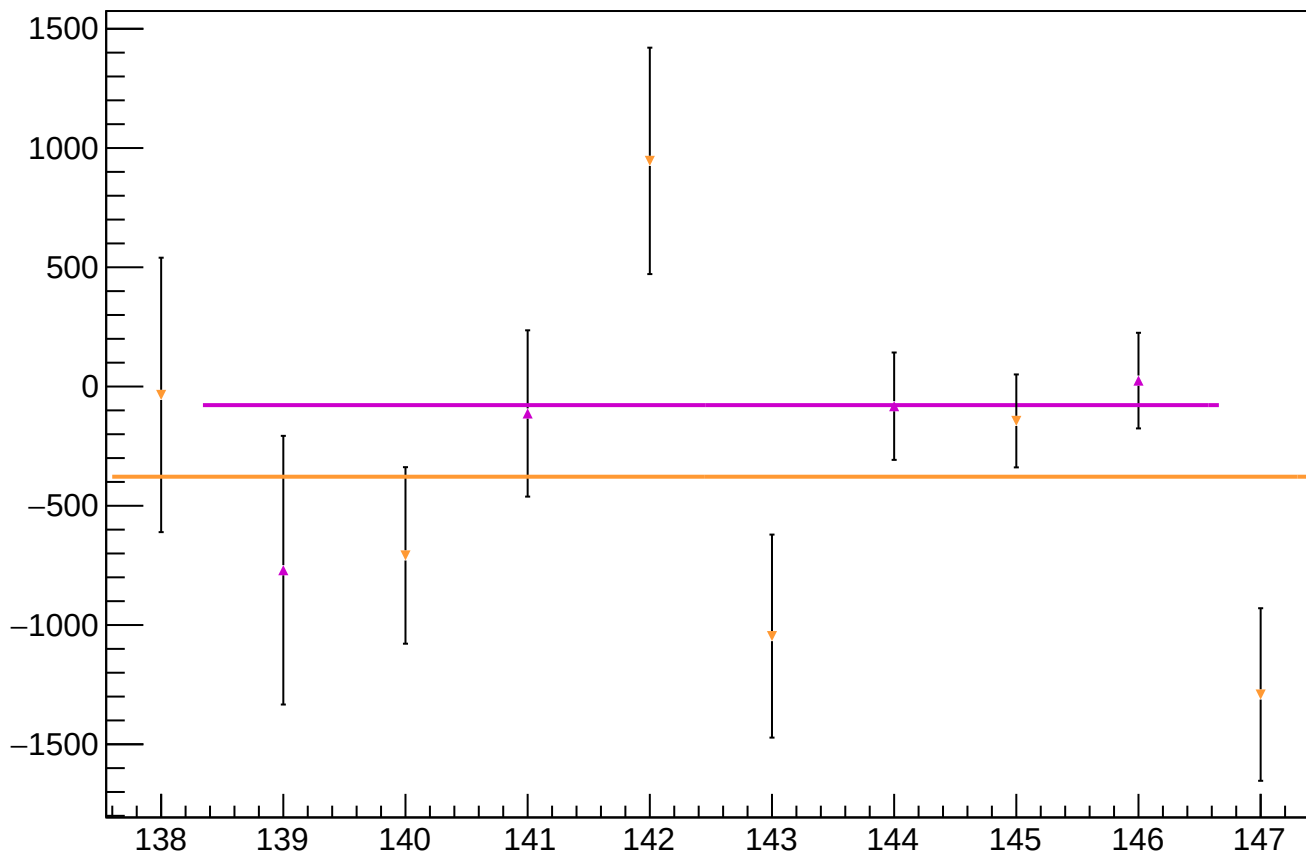
Left In: 63.605+/-0.026 χ^2/NDF :210630.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.087+/-0.016 χ^2/NDF : 341356.9/9

- 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: -378.102+/-135.762 χ^2/NDF :19.2/5

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

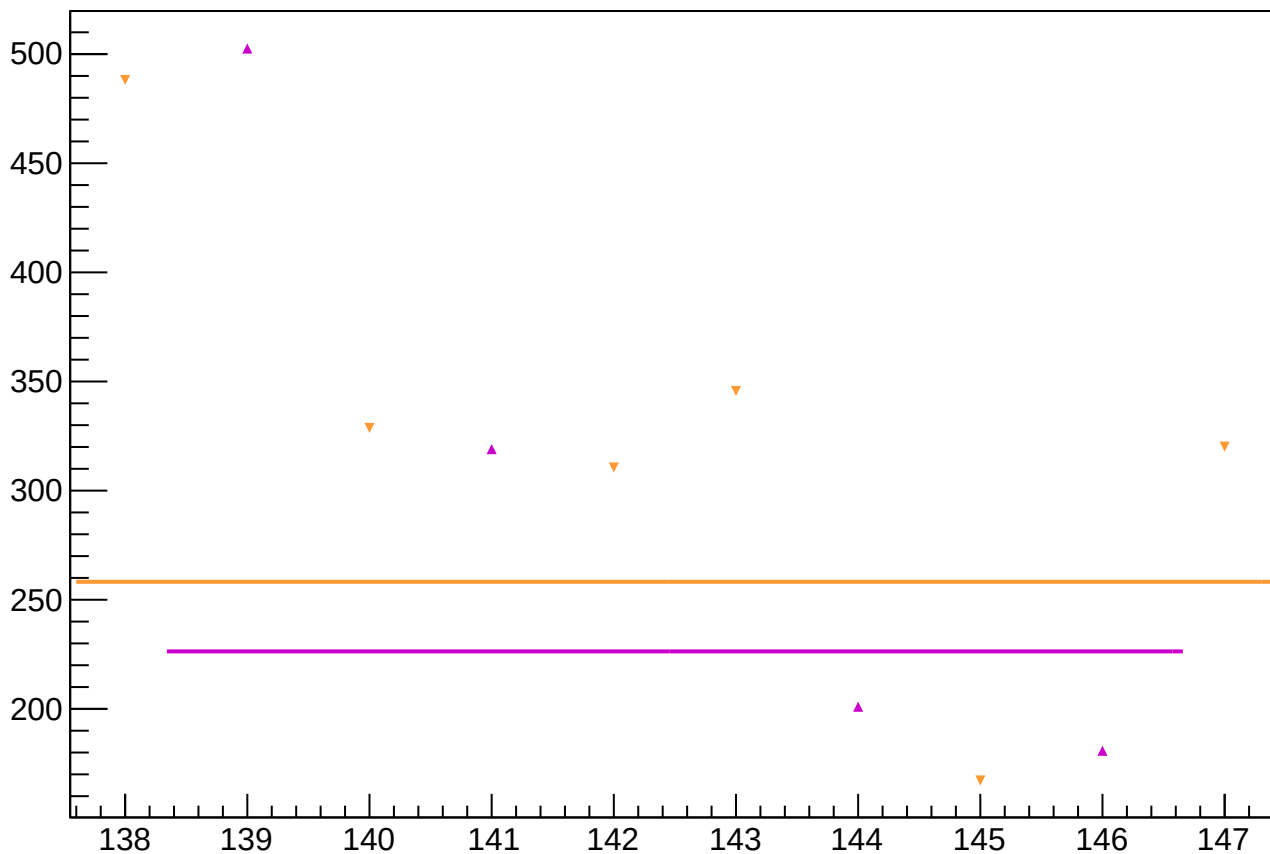
Left In: -77.962+/-133.632 χ^2/NDF :1.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.659+/-95.236 χ^2/NDF : 23.5/9

- 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: 258.221+/-0.096 χ^2/NDF : 995965.8/5

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

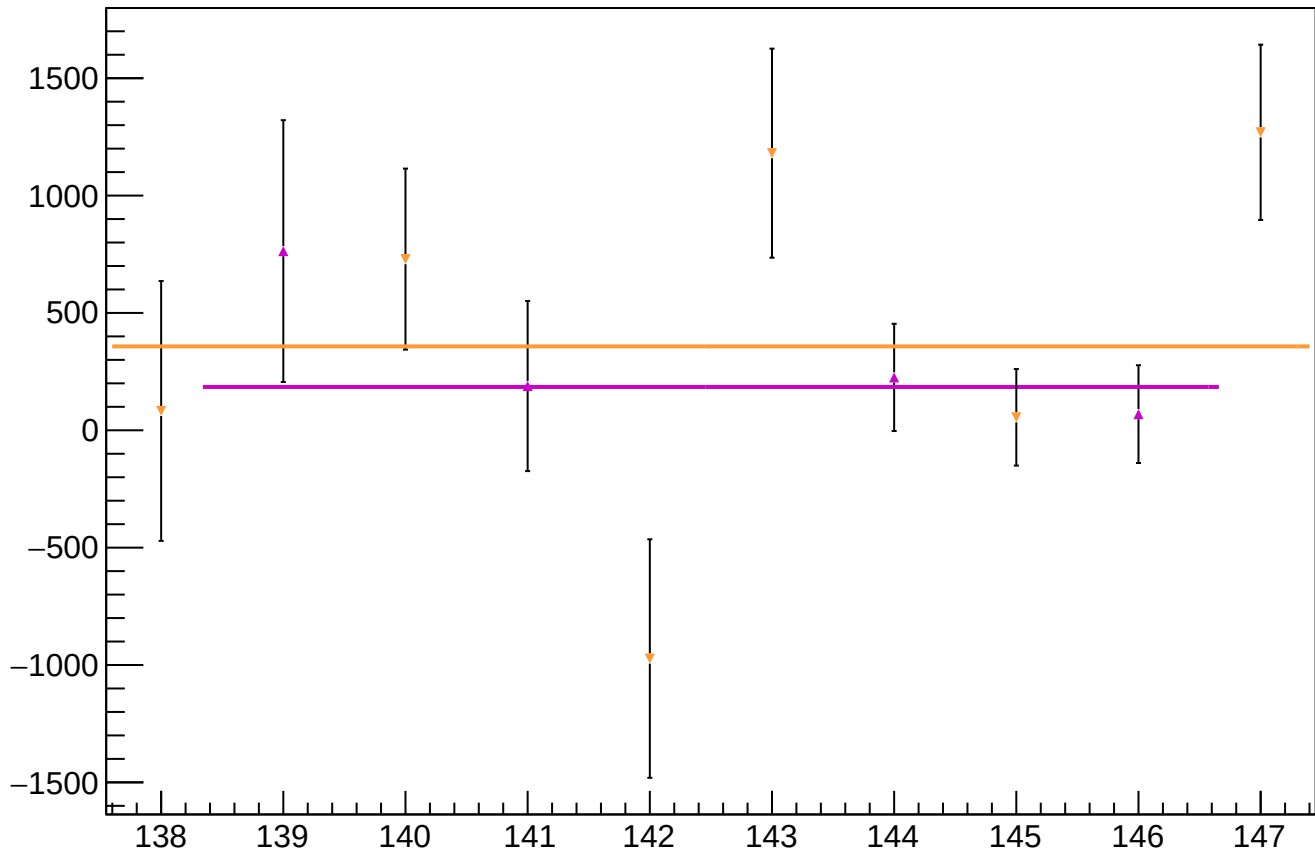
Left In: 226.334+/-0.094 χ^2/NDF : 750840.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.026+/-0.067 χ^2/NDF : 1802842.8/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



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

Left Out: 357.459+/-141.823 χ^2/NDF : 19.6/5

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

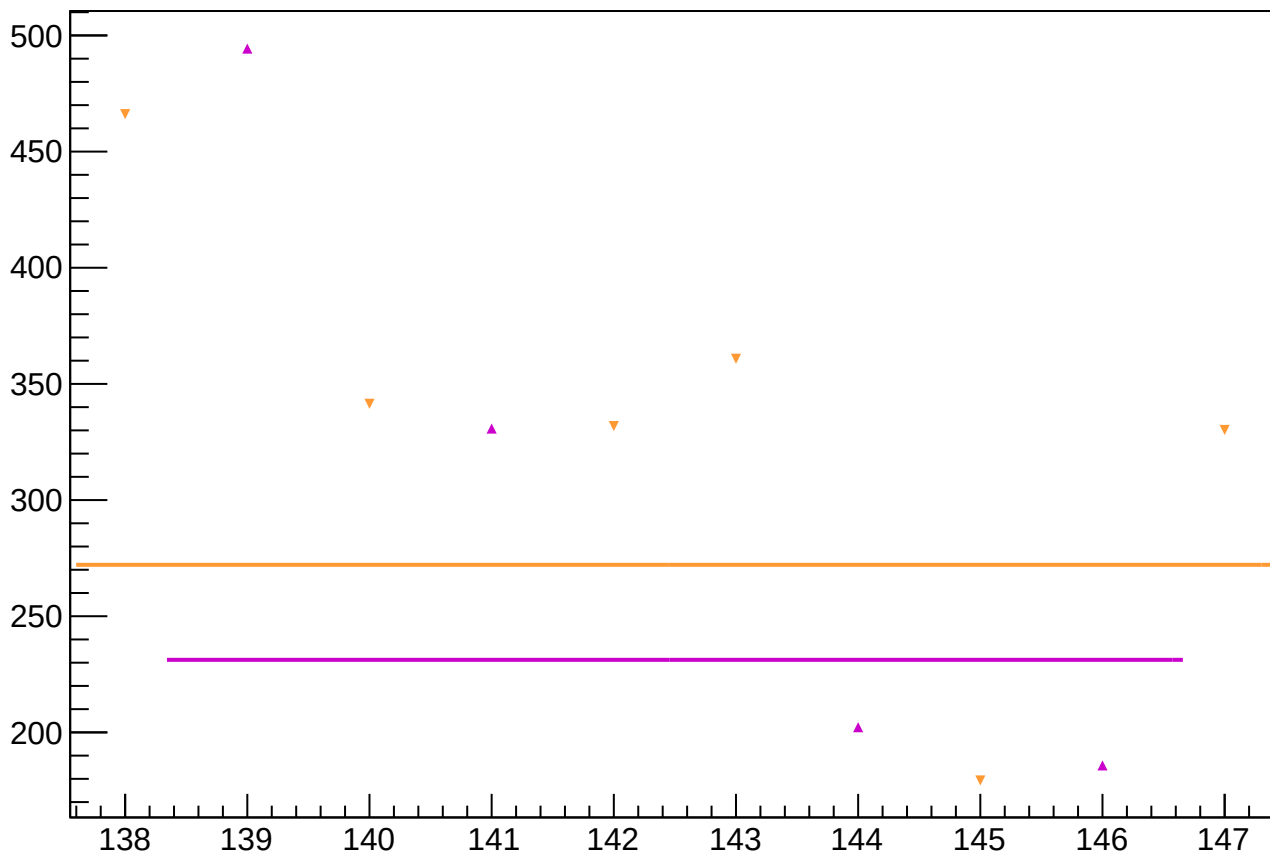
Left In: 184.656+/-137.297 χ^2/NDF : 1.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.256+/-98.645 χ^2/NDF : 21.8/9

- sign 0.000+/-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: 272.132+/-0.100 χ^2/NDF : 872973.3/5

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

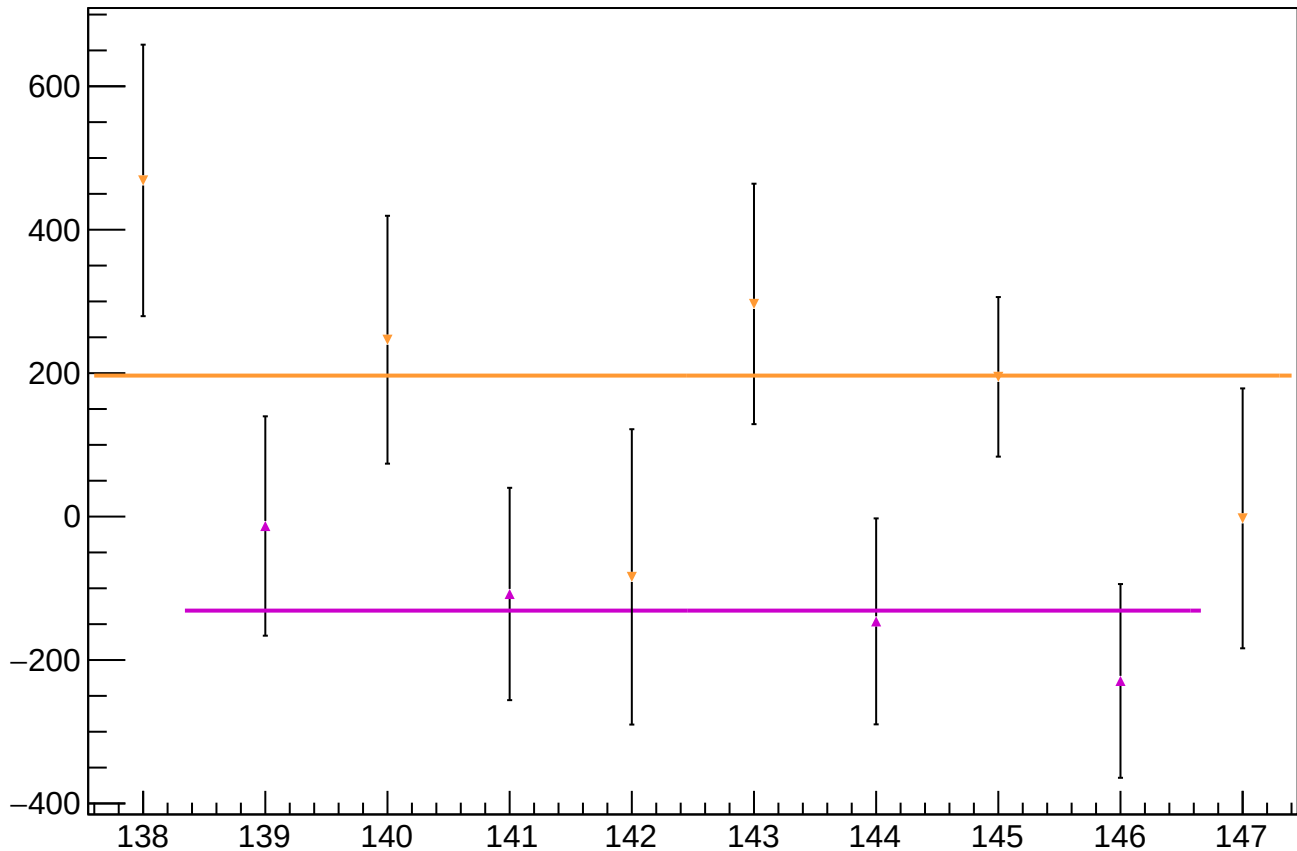
Left In: 231.234+/-0.097 χ^2/NDF : 723475.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.020+/-0.070 χ^2/NDF : 1682305.0/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug



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

Left Out: 196.608+/-65.680 χ^2/NDF : 5.6/5

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

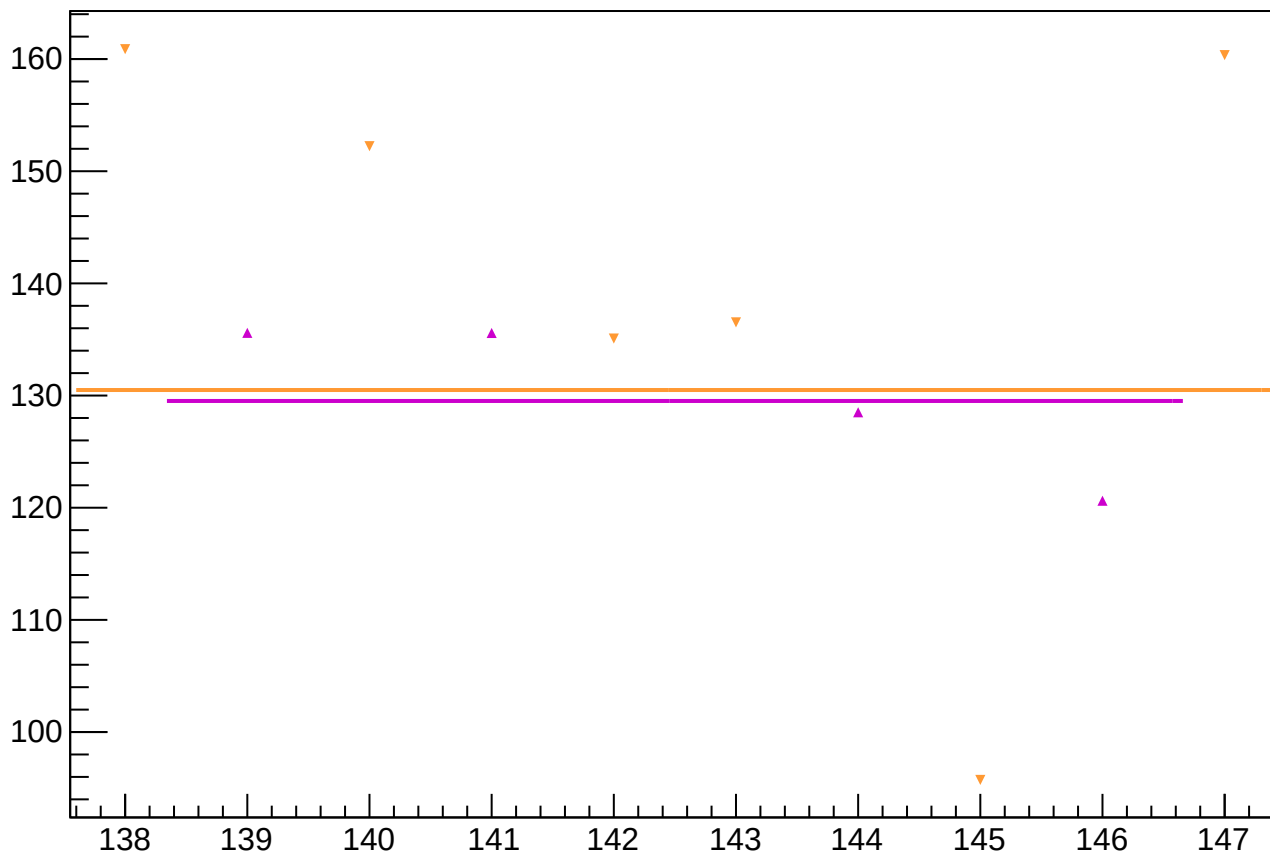
Left In: -131.105+/-72.226 χ^2/NDF : 1.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.273+/-48.593 χ^2/NDF : 18.0/9

- sign 0.000+/-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: 130.493+/-0.046 χ^2/NDF : 336305.1/5

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

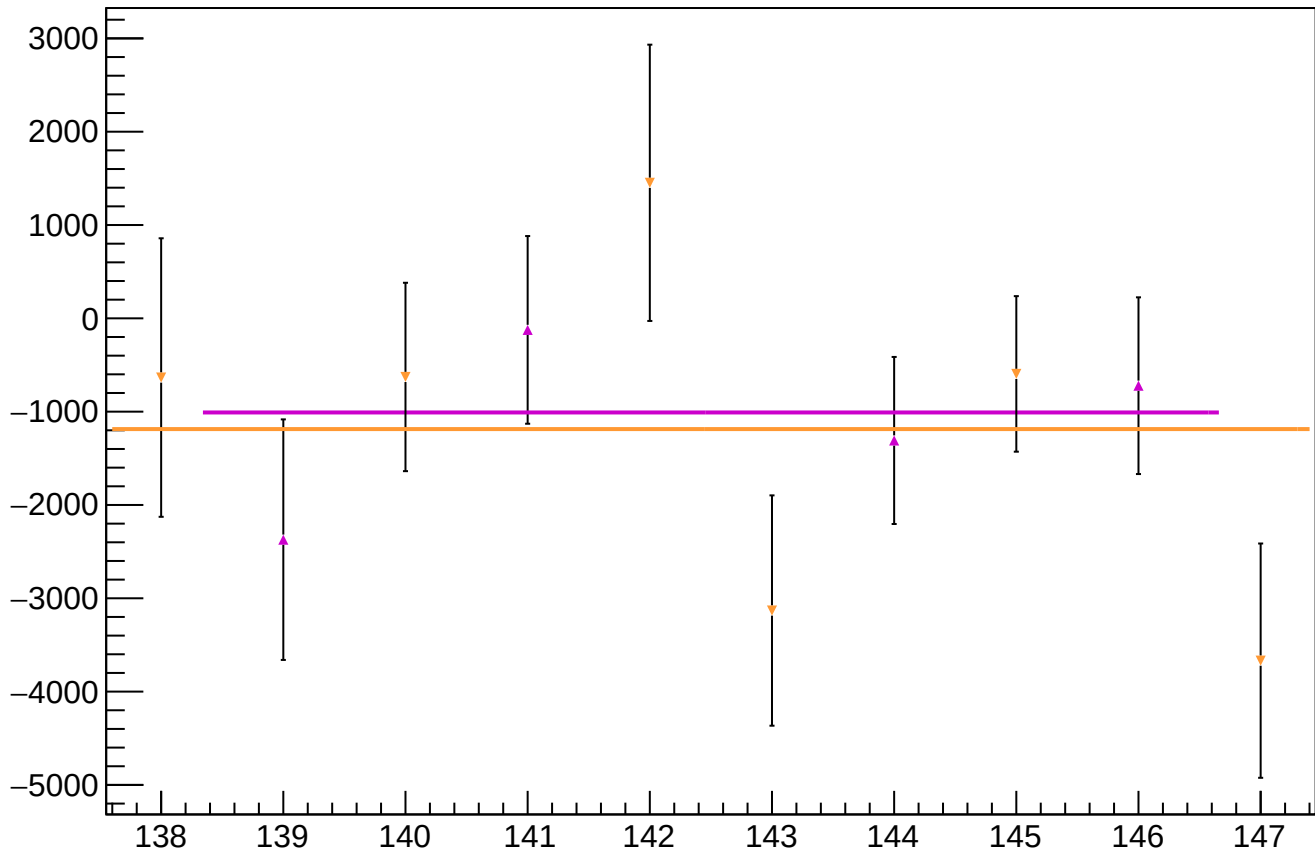
Left In: 129.517+/-0.051 χ^2/NDF : 15278.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.052+/-0.034 χ^2/NDF : 351783.1/9

- 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: -1186.777+/-465.363 χ^2/NDF :10.5/5

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

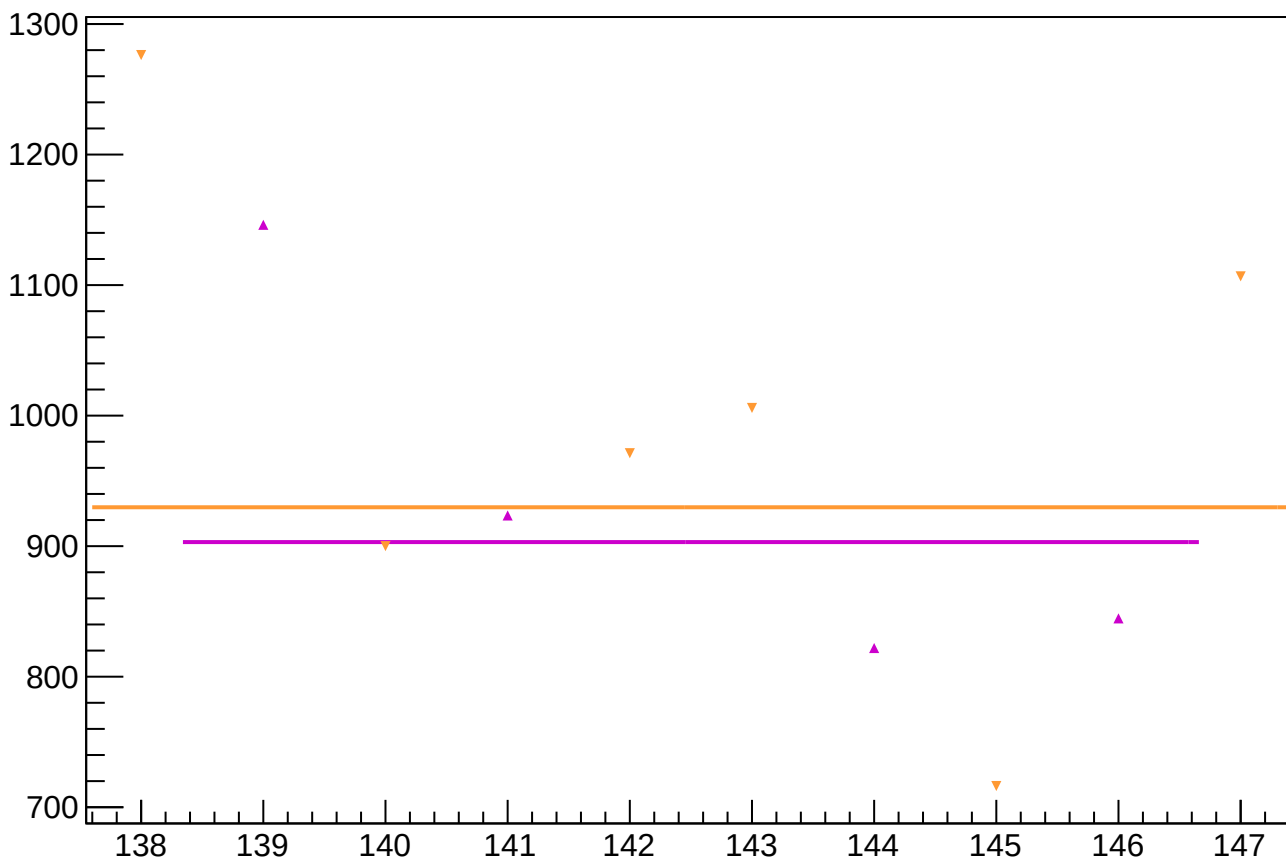
Left In: -1008.725+/-502.878 χ^2/NDF :2.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1104.639+/-341.555 χ^2/NDF : 12.7/9

- 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: 929.788+/-0.329 χ^2/NDF : 289721.9/5

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

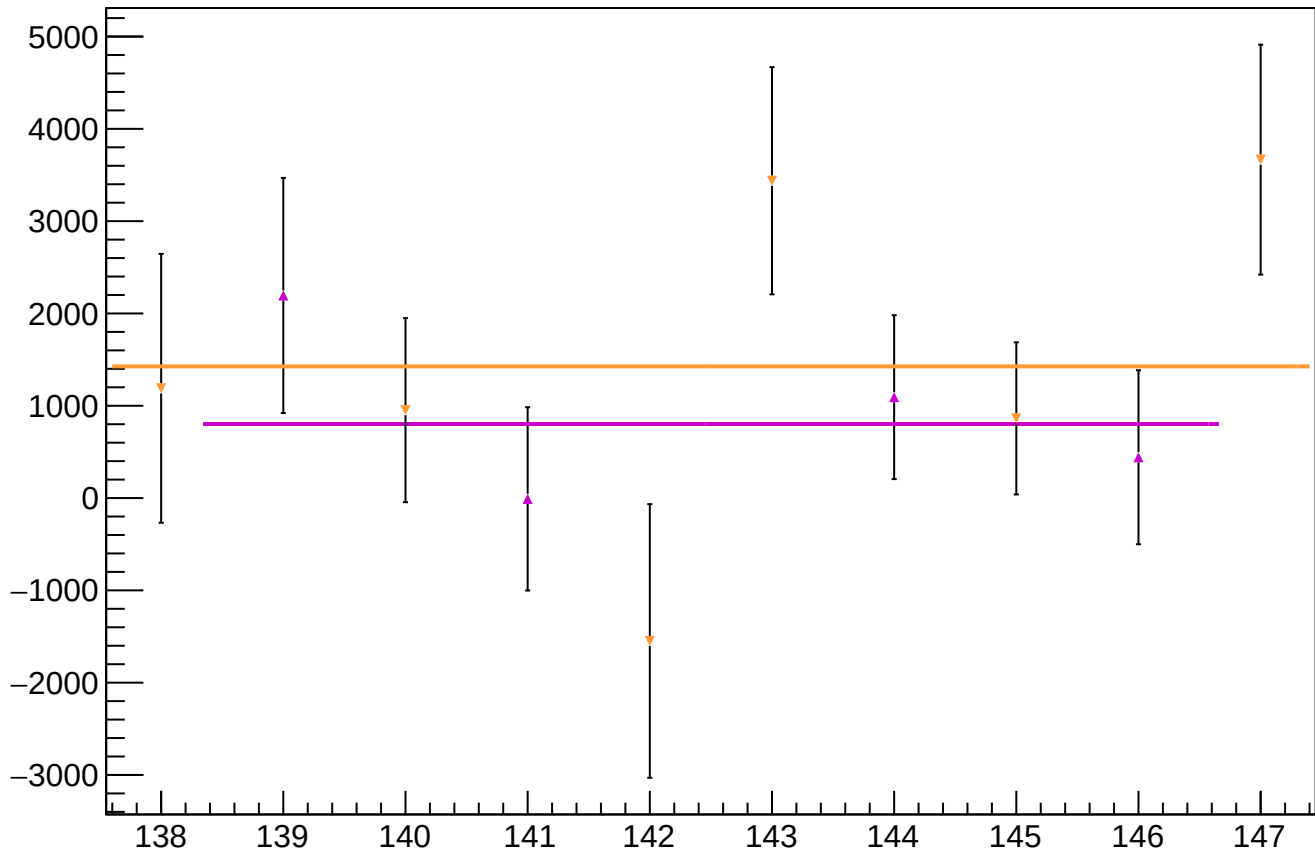
Left In: 903.120+/-0.356 χ^2/NDF : 96018.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 917.485+/-0.242 χ^2/NDF : 388770.3/9

- 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: 1426.623+/-460.850 χ^2/NDF :10.7/5

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

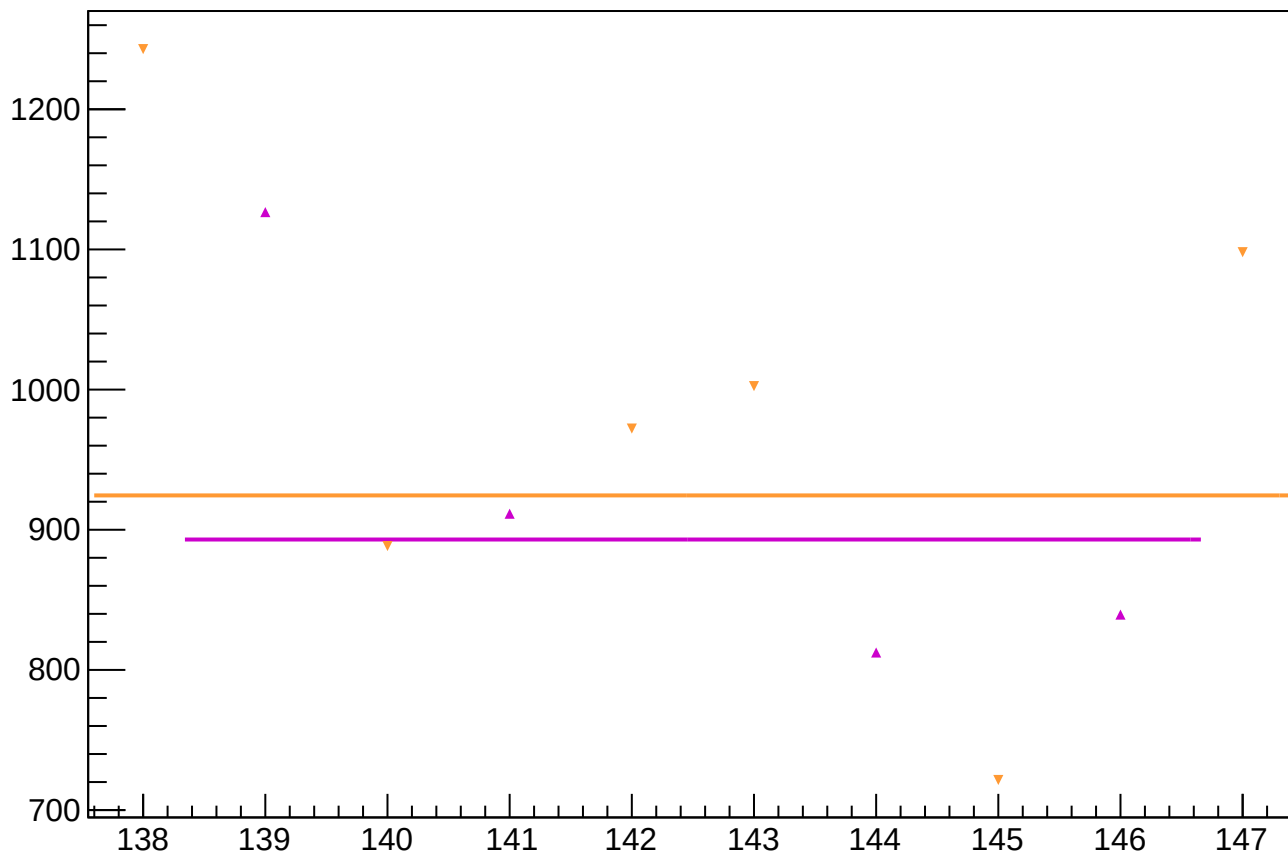
Left In: 802.189+/-498.424 χ^2/NDF :2.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1138.827+/-338.375 χ^2/NDF : 13.6/9

- 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: 924.505+/-0.326 χ^2/NDF : 268437.3/5

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

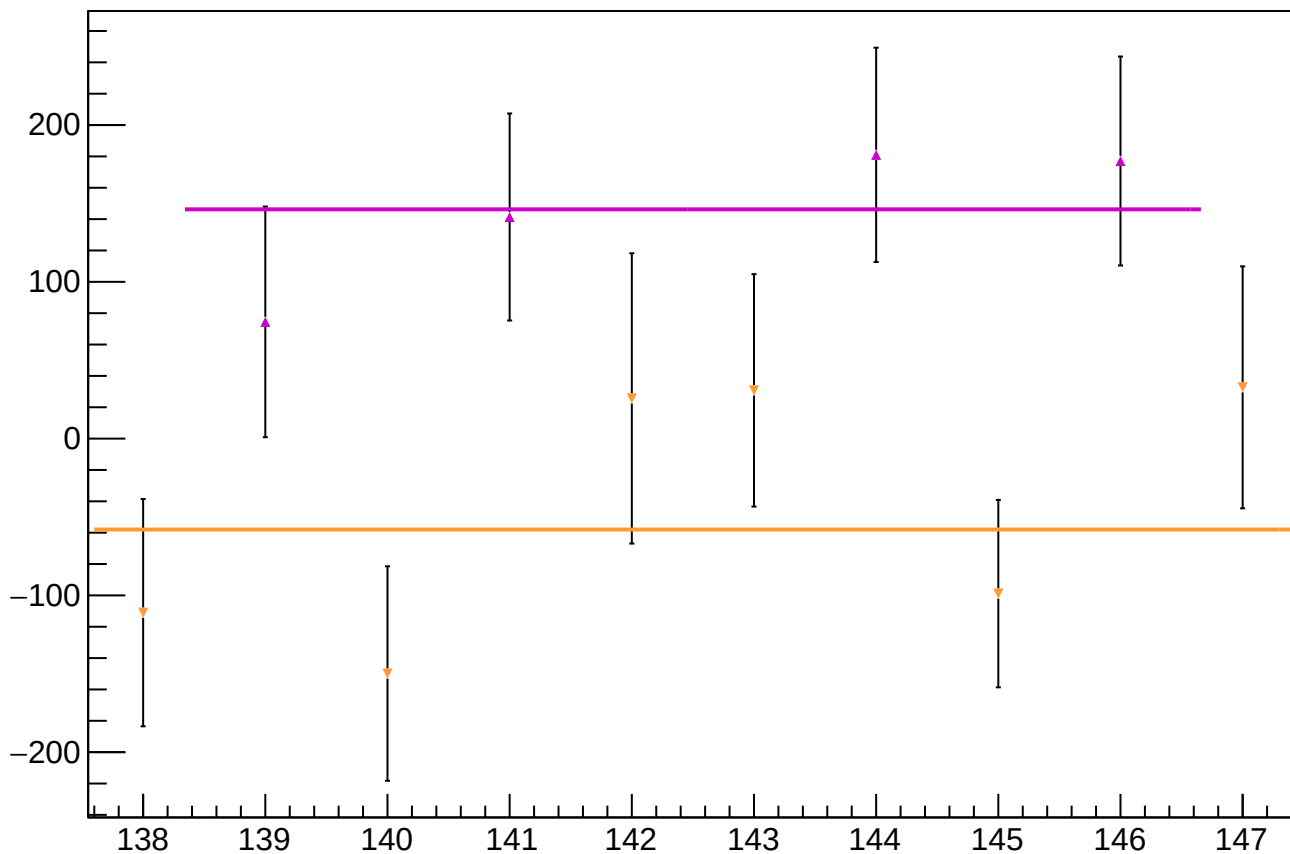
Left In: 893.037+/-0.352 χ^2/NDF : 90895.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 910.002+/-0.239 χ^2/NDF : 363630.5/9

- 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: -58.016 $\pm$ 29.483 χ^2 /NDF:6.4/5

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

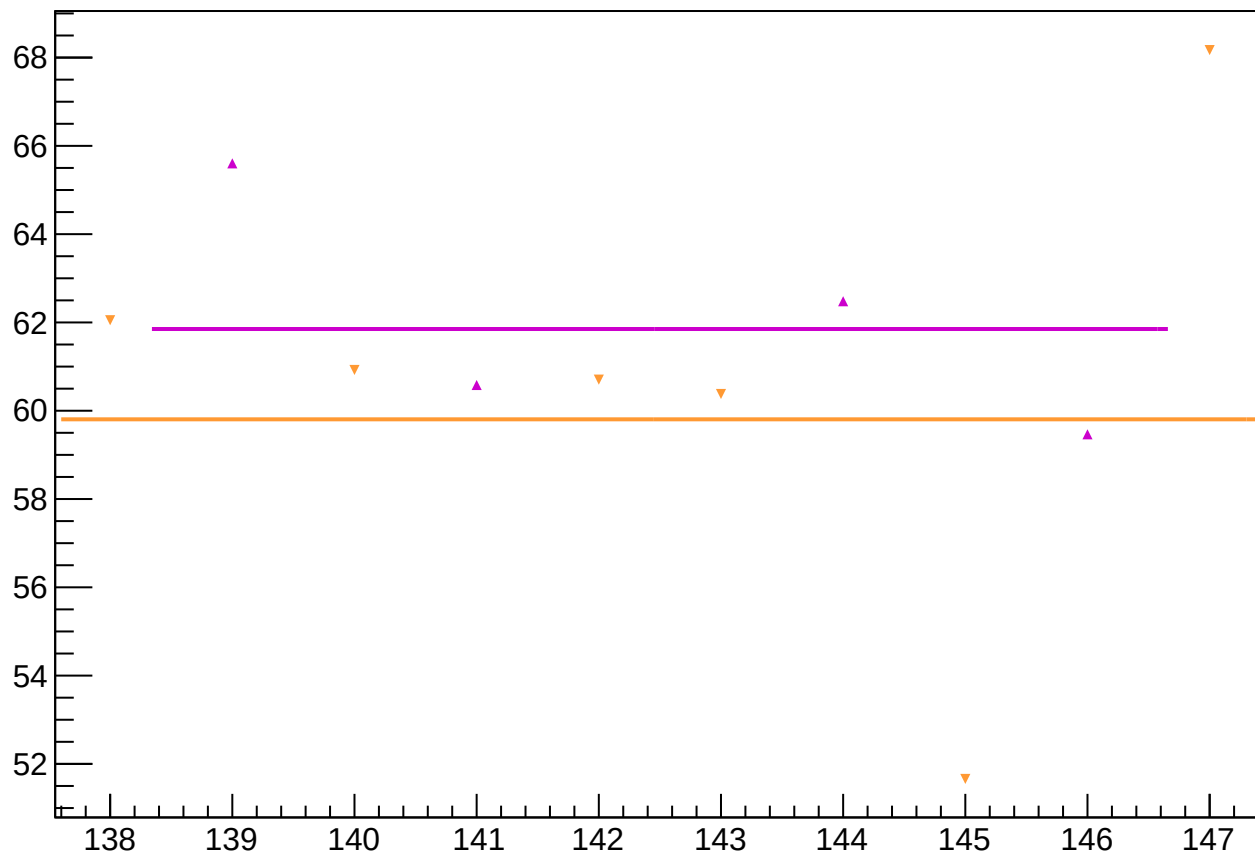
Left In: 146.244 $\pm$ 34.233 χ^2 /NDF:1.4/3

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

All: 28.971 $\pm$ 22.340 χ^2 /NDF: 28.3/9

- 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: 59.805+/-0.021 χ^2/NDF : 63397.8/5

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

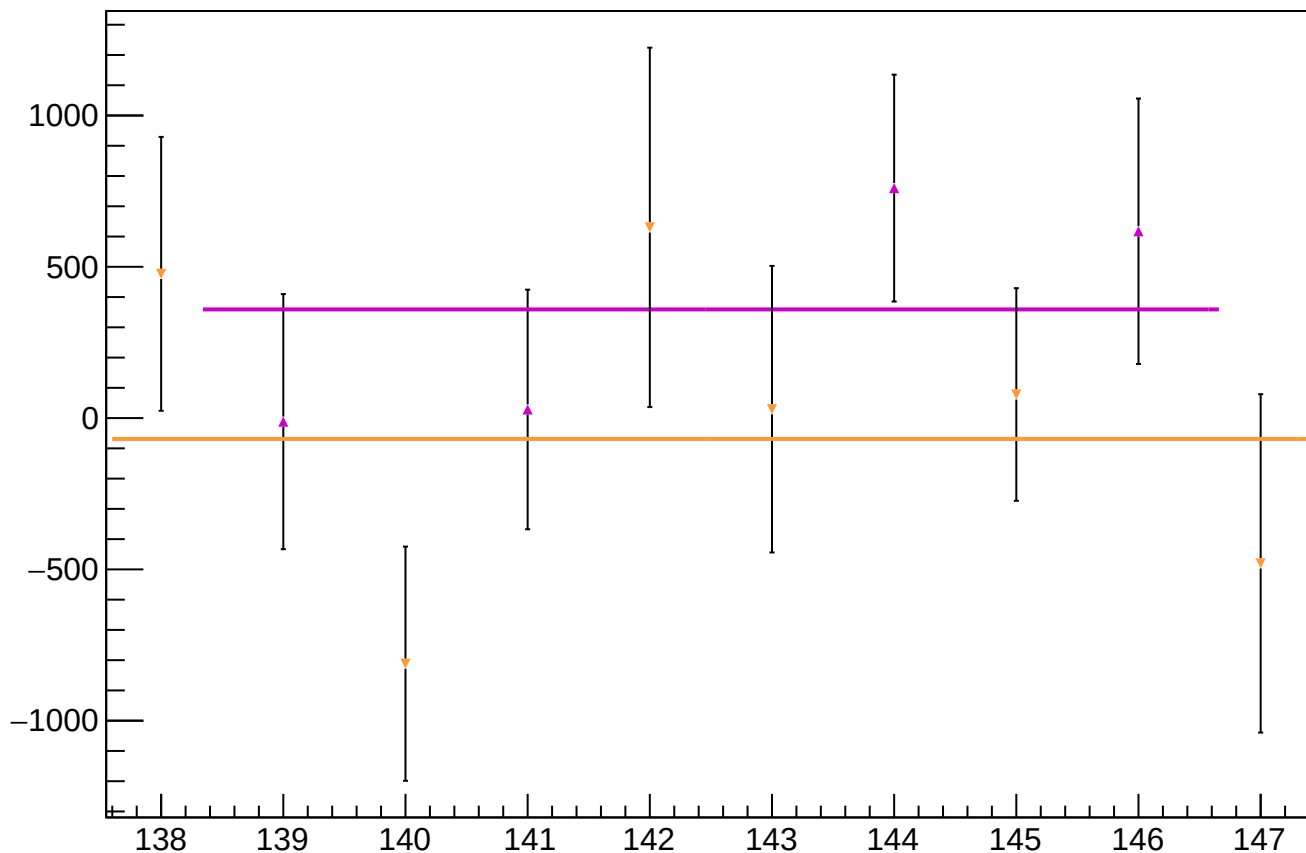
Left In: 61.851+/-0.024 χ^2/NDF : 8671.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.677+/-0.016 χ^2/NDF : 76170.7/9

- 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: -68.879+/-182.096 χ^2/NDF : 7.3/5

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

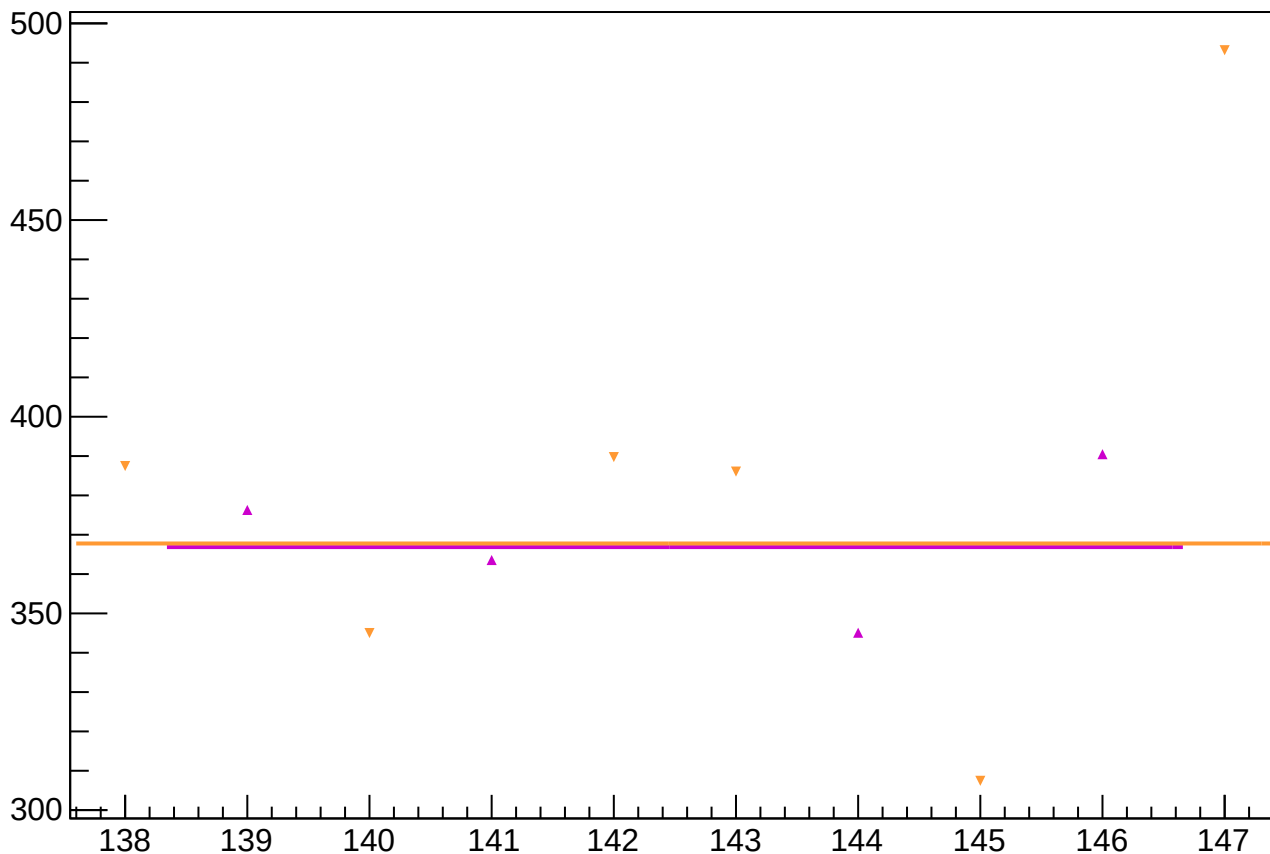
Left In: 359.155+/-202.769 χ^2/NDF : 3.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.213+/-135.482 χ^2/NDF : 12.7/9

- 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: 367.777+/-0.129 χ^2/NDF : 175997.6/5

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

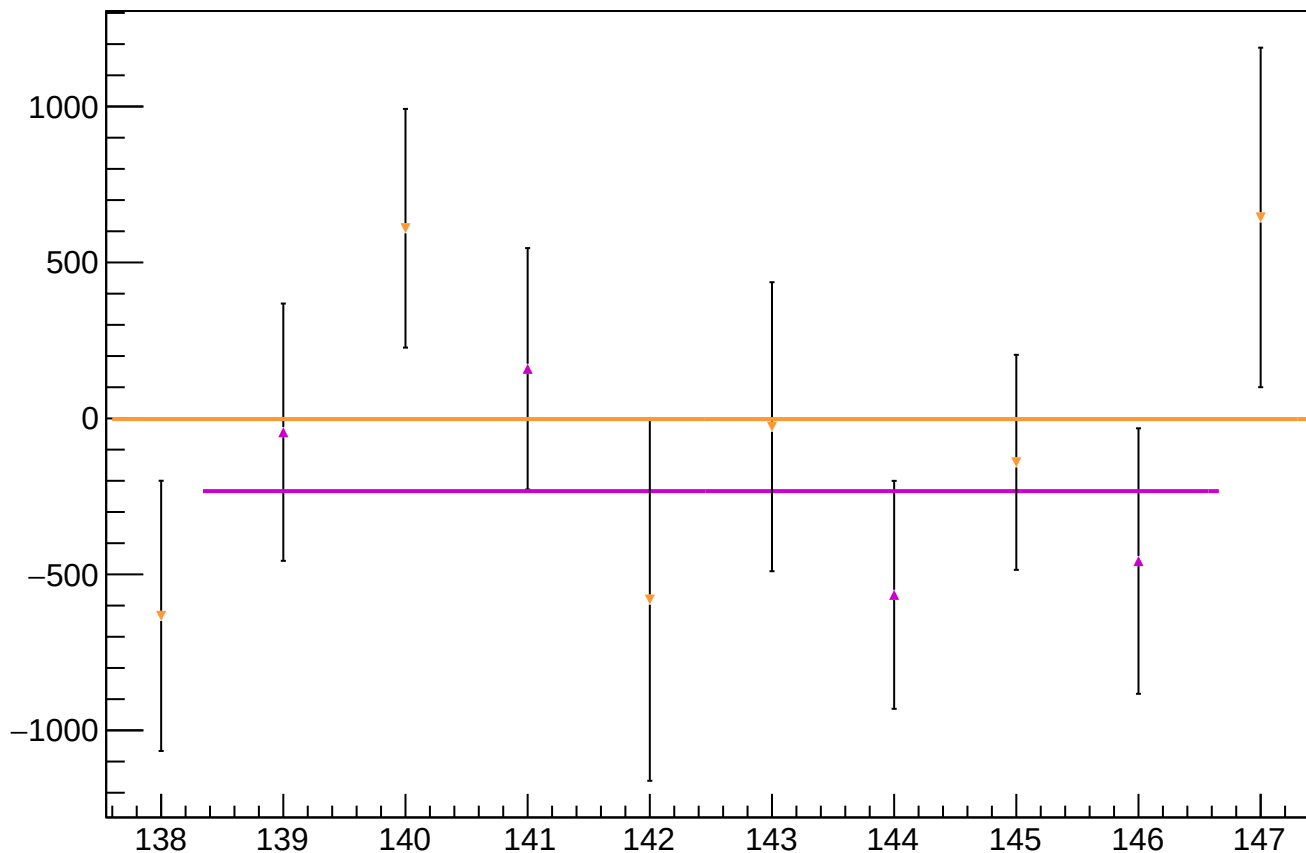
Left In: 366.862+/-0.143 χ^2/NDF : 13685.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.368+/-0.096 χ^2/NDF : 189705.6/9

- 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: -1.999+/-177.966 χ^2/NDF : 7.2/5

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

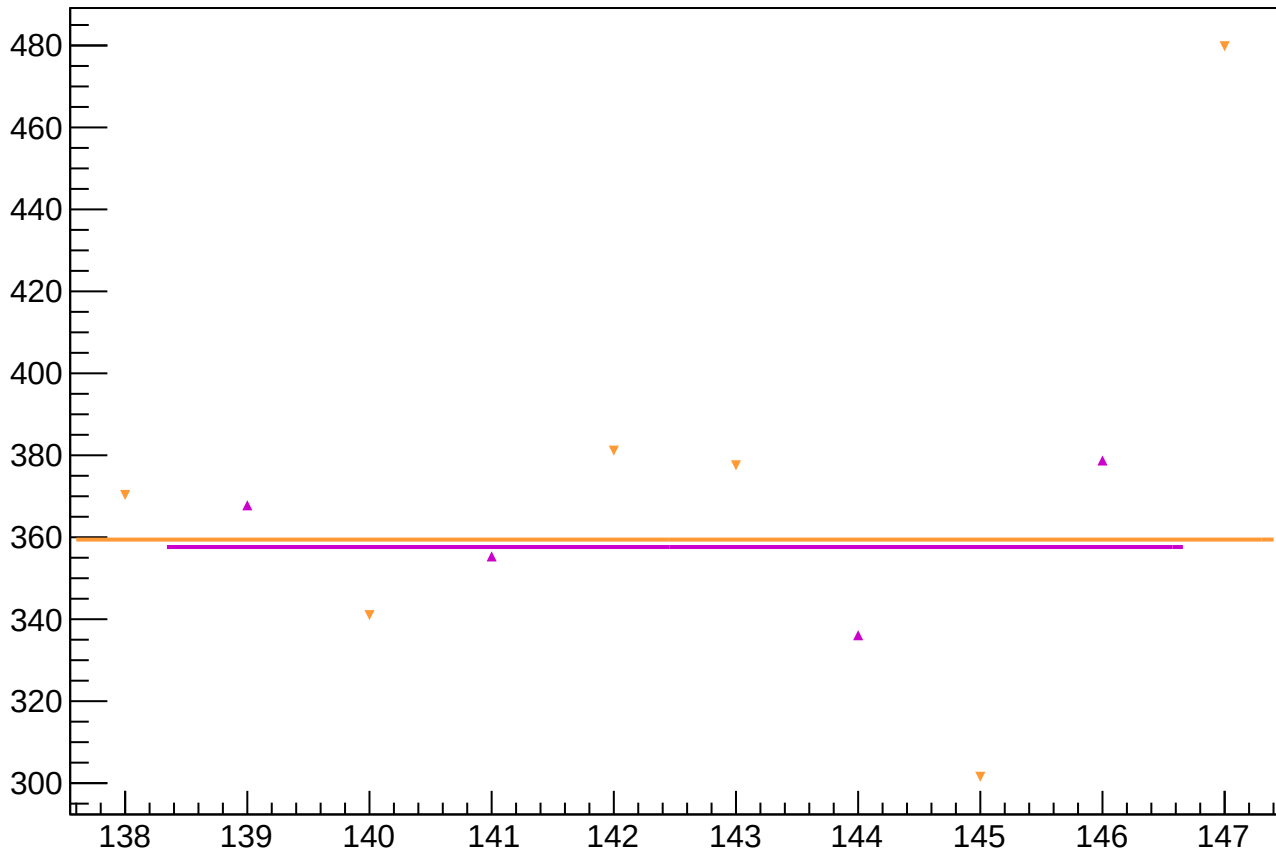
Left In: -233.050+/-197.773 χ^2/NDF : 2.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.378+/-132.291 χ^2/NDF : 10.3/9

- 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: 359.435+/-0.126 χ^2/NDF : 165999.7/5

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

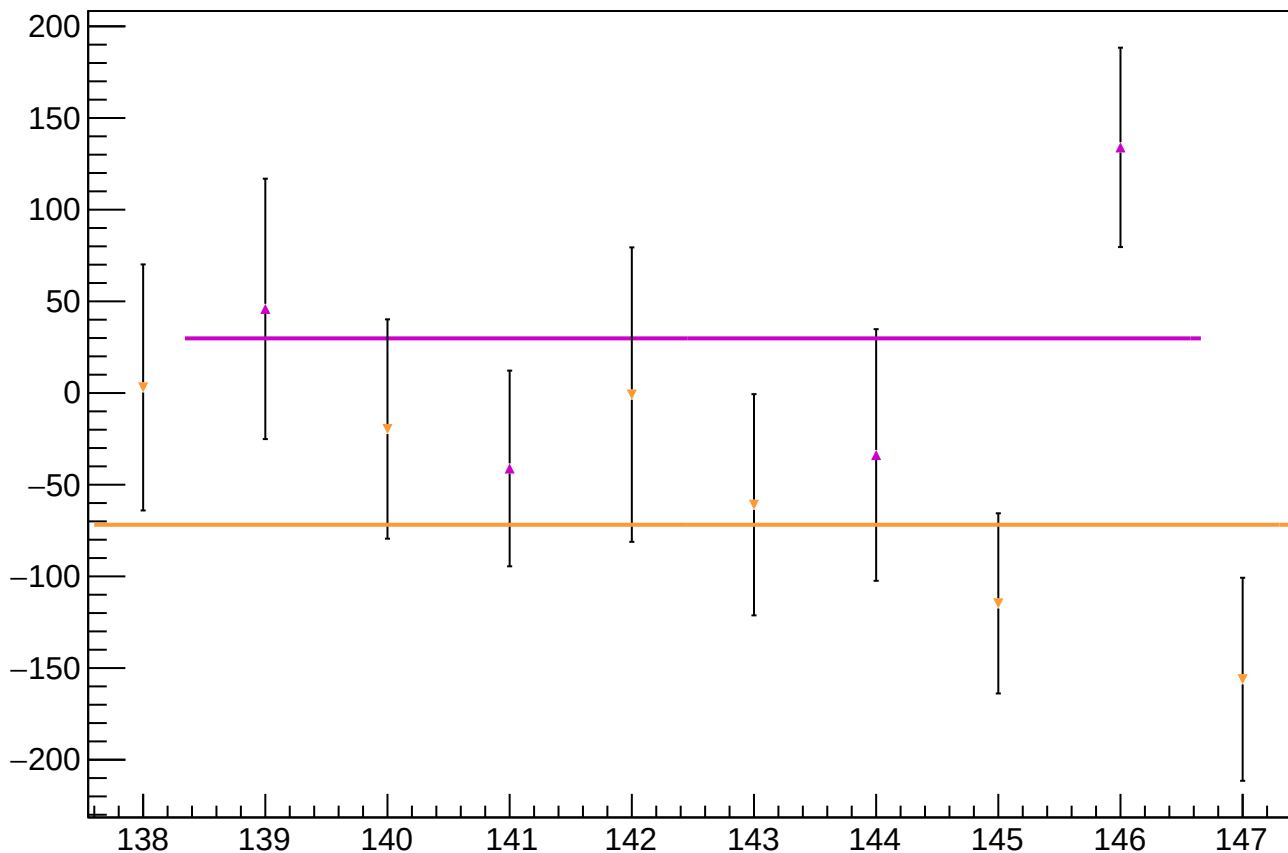
Left In: 357.617+/-0.140 χ^2/NDF : 13154.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 358.621+/-0.094 χ^2/NDF : 179247.8/9

- 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: -71.853+/-24.456 χ^2/NDF : 5.9/5

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

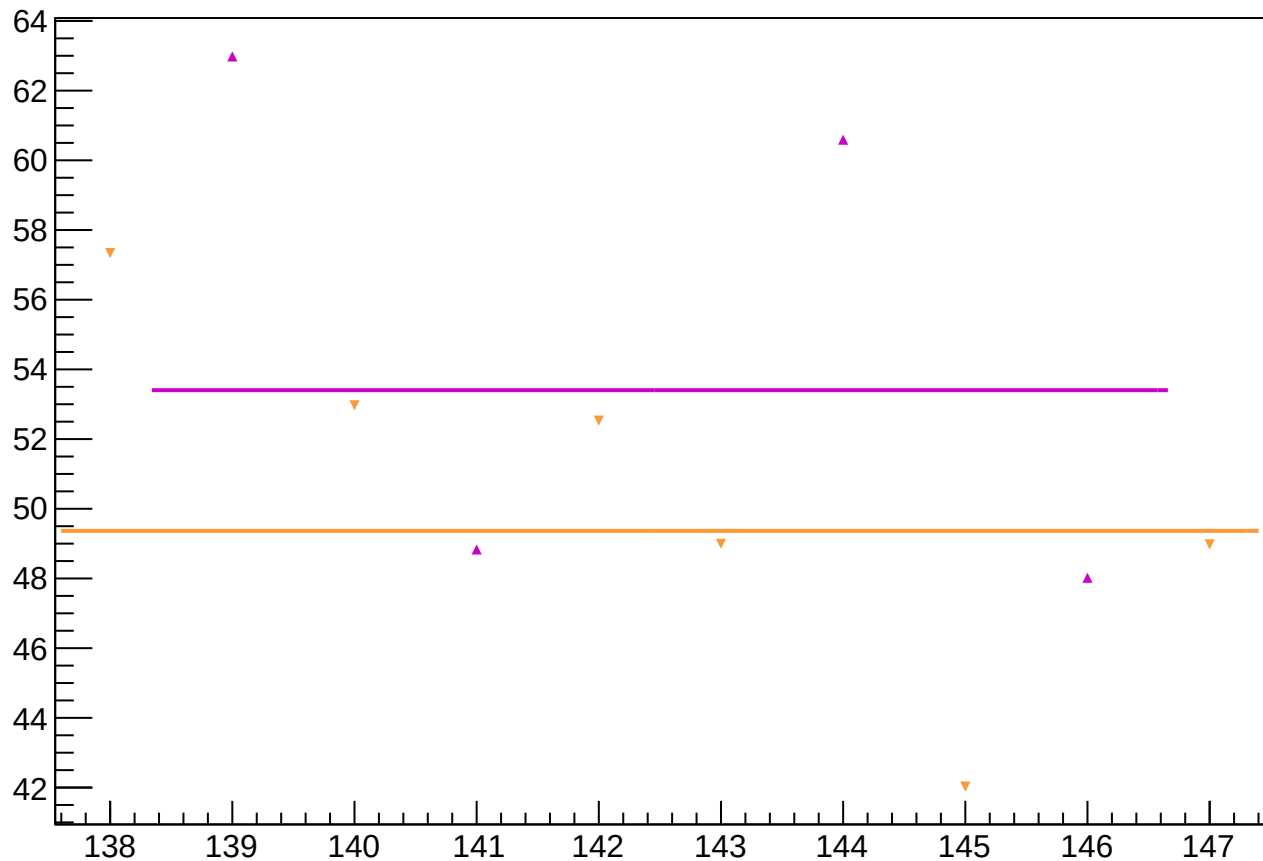
Left In: 29.811+/-30.152 χ^2/NDF : 6.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.512+/-18.994 χ^2/NDF : 19.1/9

- 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: 49.367+/-0.017 χ^2/NDF : 83393.5/5

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

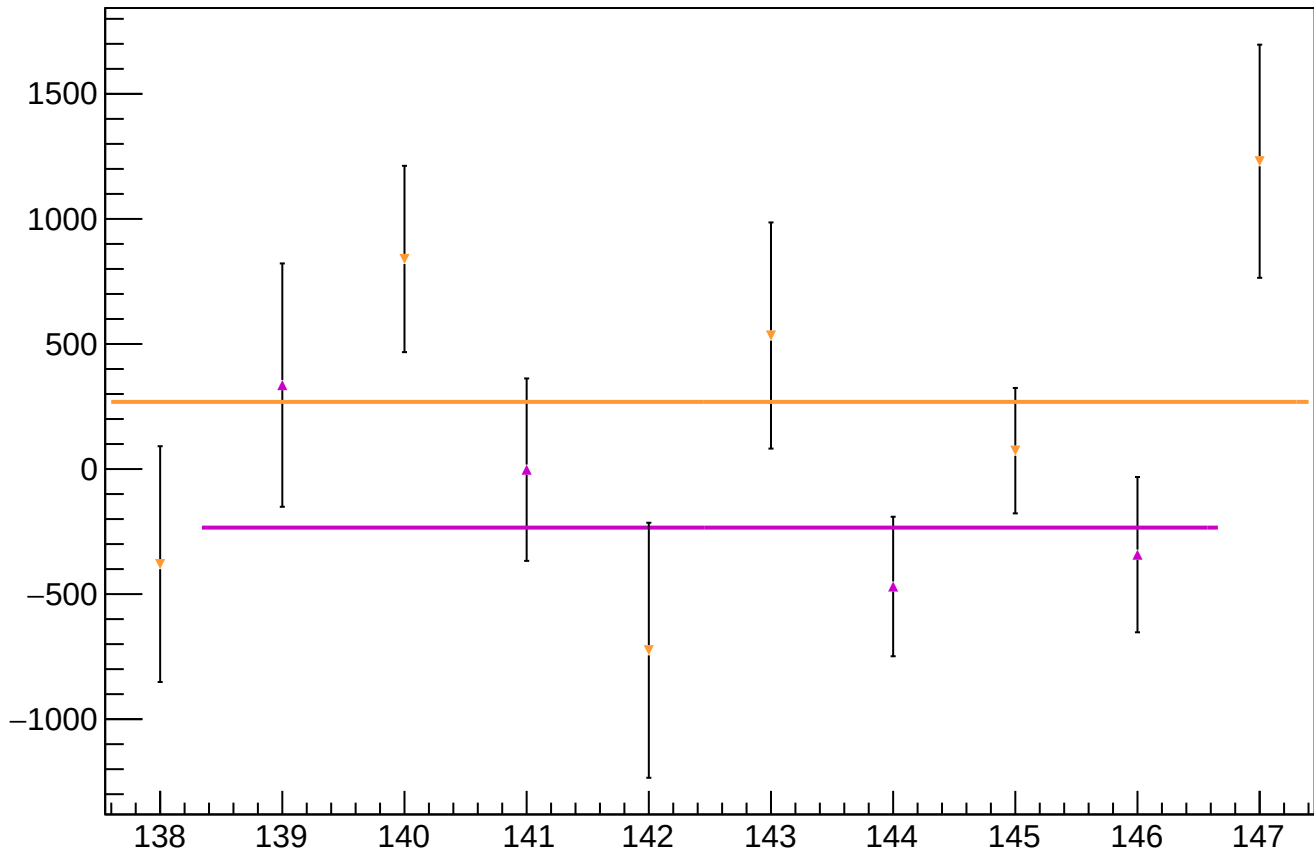
Left In: 53.404+/-0.021 χ^2/NDF : 92600.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.969+/-0.013 χ^2/NDF : 197622.5/9

- 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: 268.544+/-156.247 χ^2/NDF :13.3/5

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

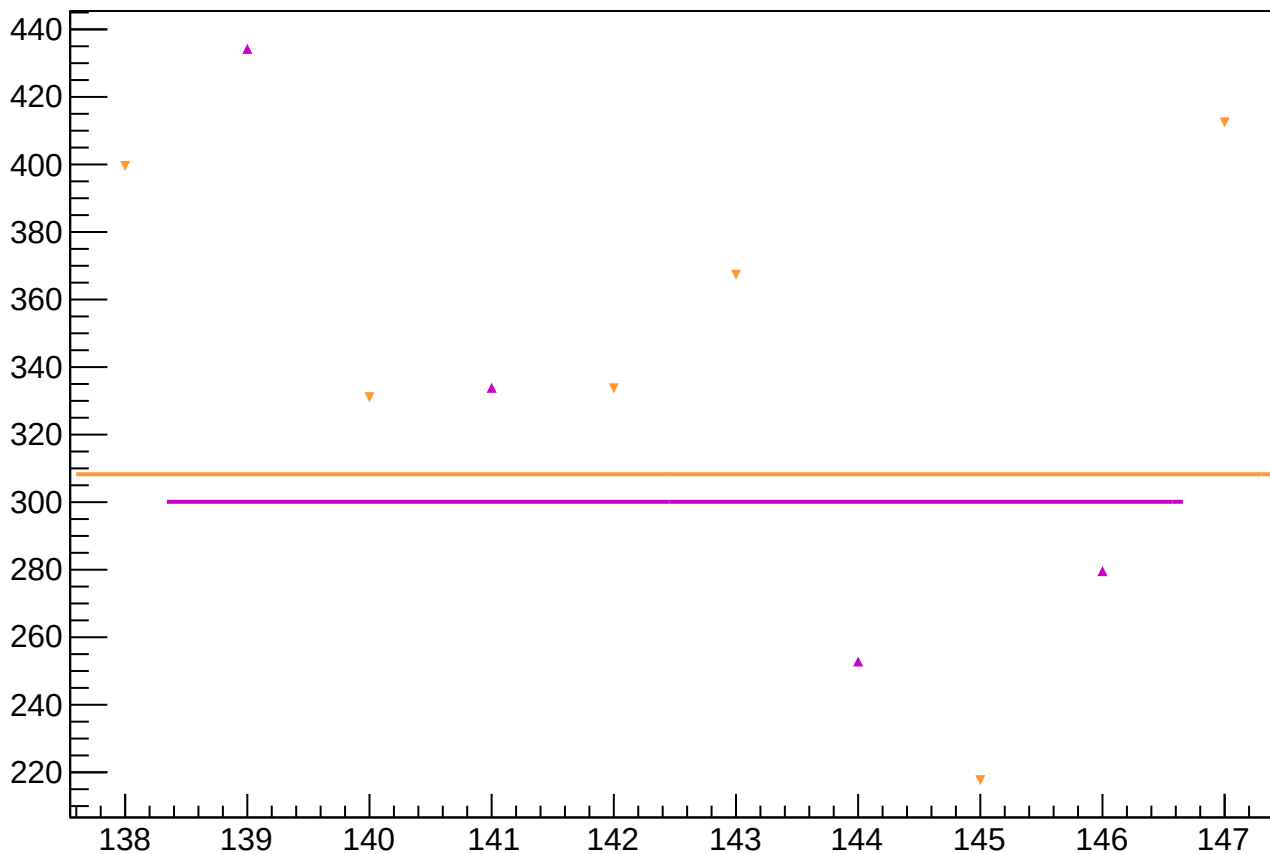
Left In: -234.167+/-169.085 χ^2/NDF :2.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.996+/-114.754 χ^2/NDF : 20.6/9

- 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: 308.270+/-0.110 χ^2/NDF : 482799.2/5

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

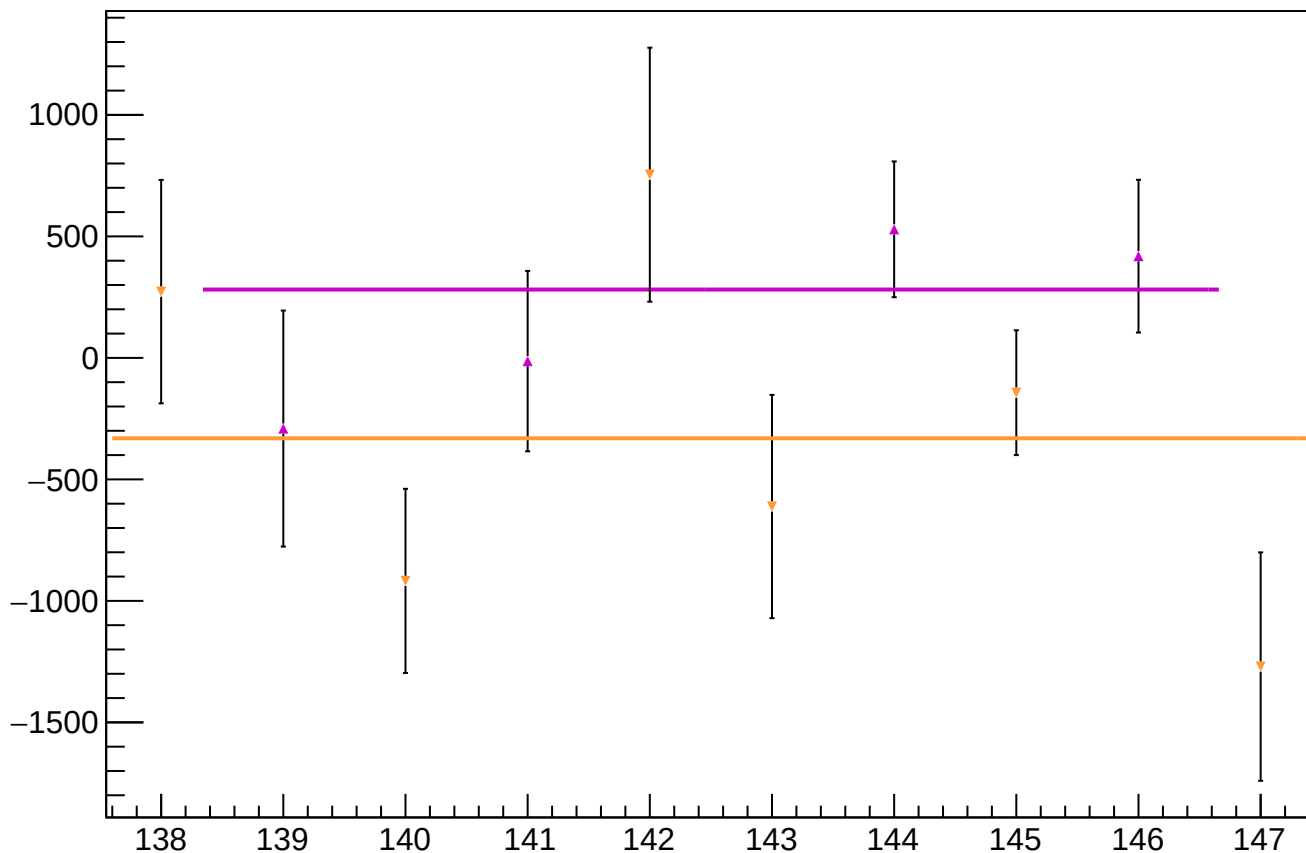
Left In: 300.111+/-0.120 χ^2/NDF : 235369.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.512+/-0.081 χ^2/NDF : 720680.8/9

- 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: -330.829 $\pm$ 158.558 χ^2 /NDF:13.3/5

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

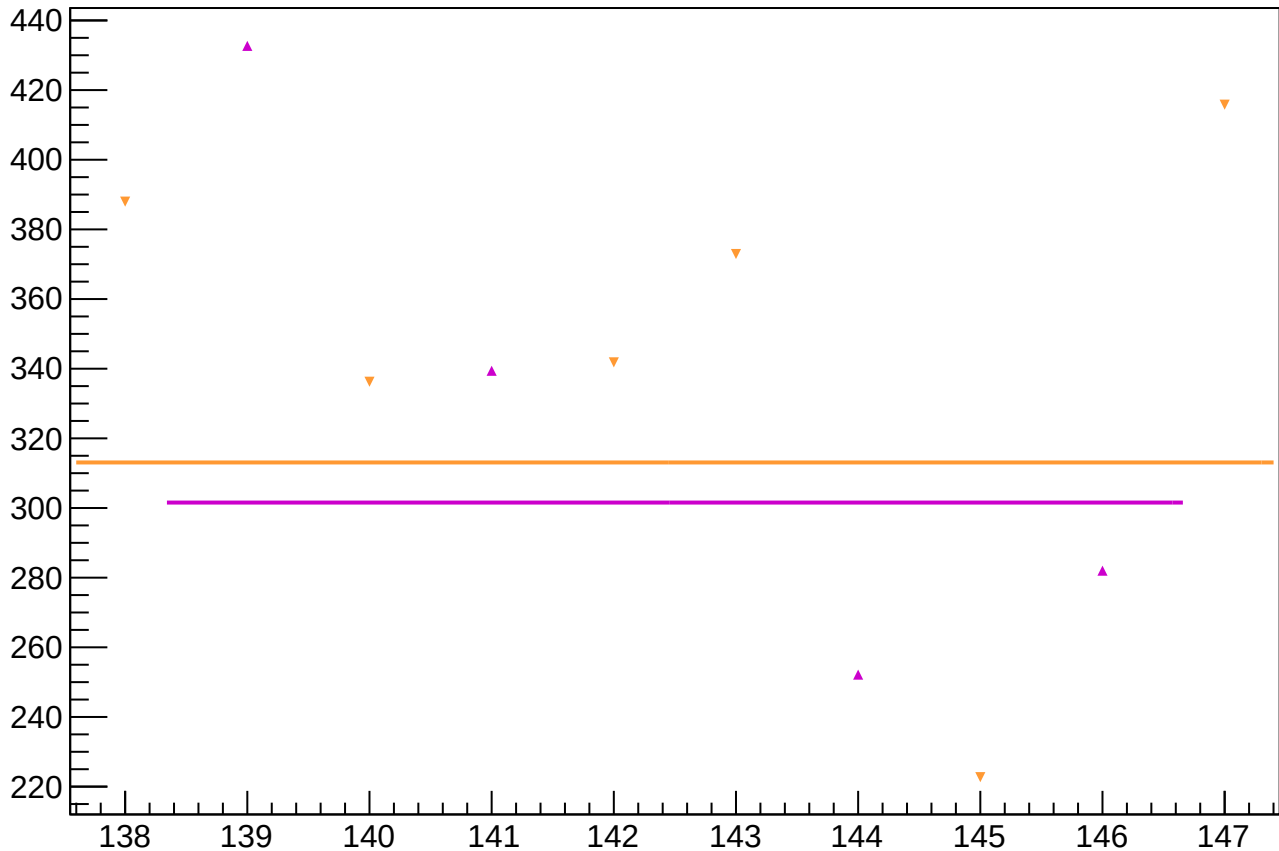
Left In: 281.277 $\pm$ 170.430 χ^2 /NDF:3.0/3

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

All: -46.836 $\pm$ 116.088 χ^2 /NDF: 23.2/9

- 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: 313.080+/-0.112 χ^2/NDF : 443613.1/5

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

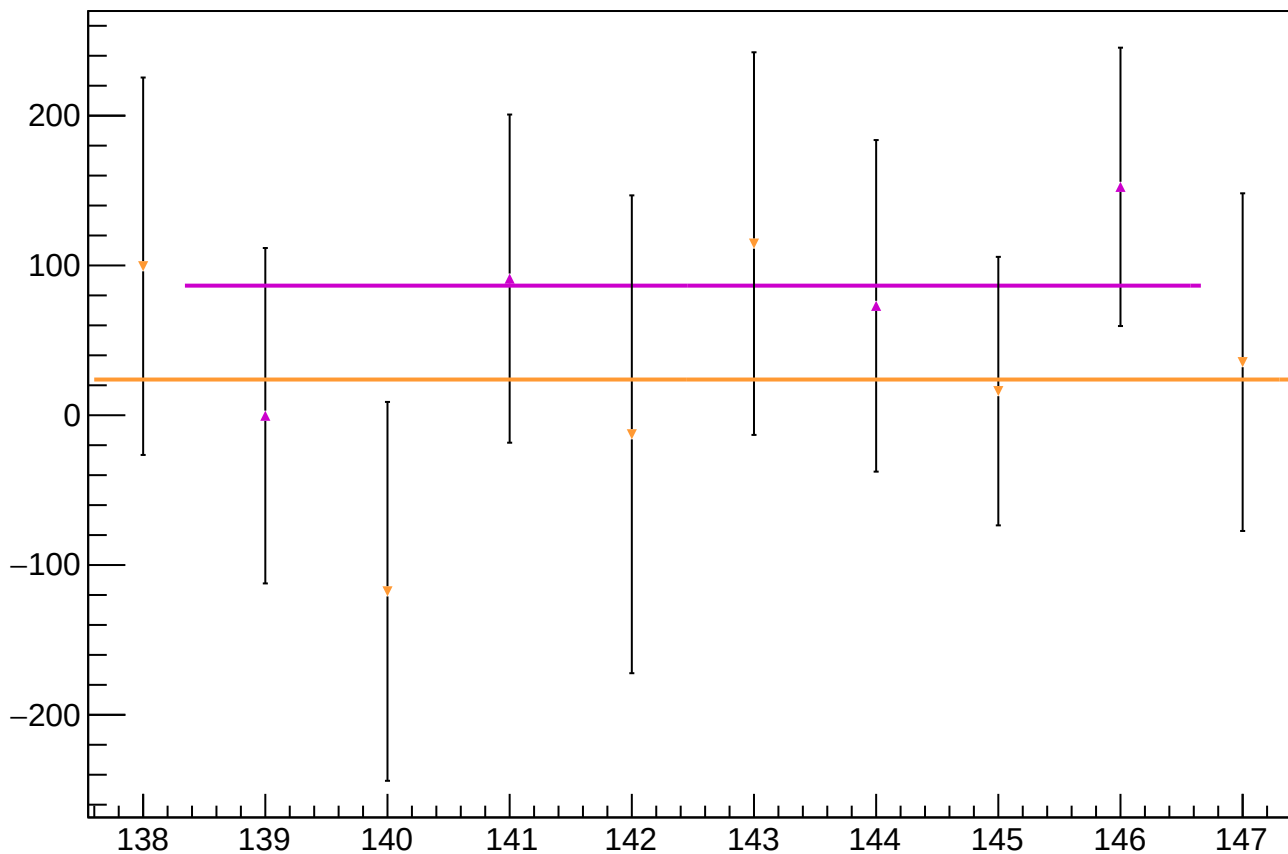
Left In: 301.563+/-0.121 χ^2/NDF : 236845.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.737+/-0.082 χ^2/NDF : 685354.0/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



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

Left Out: 23.842+/-48.264 χ^2/NDF : 2.2/5

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

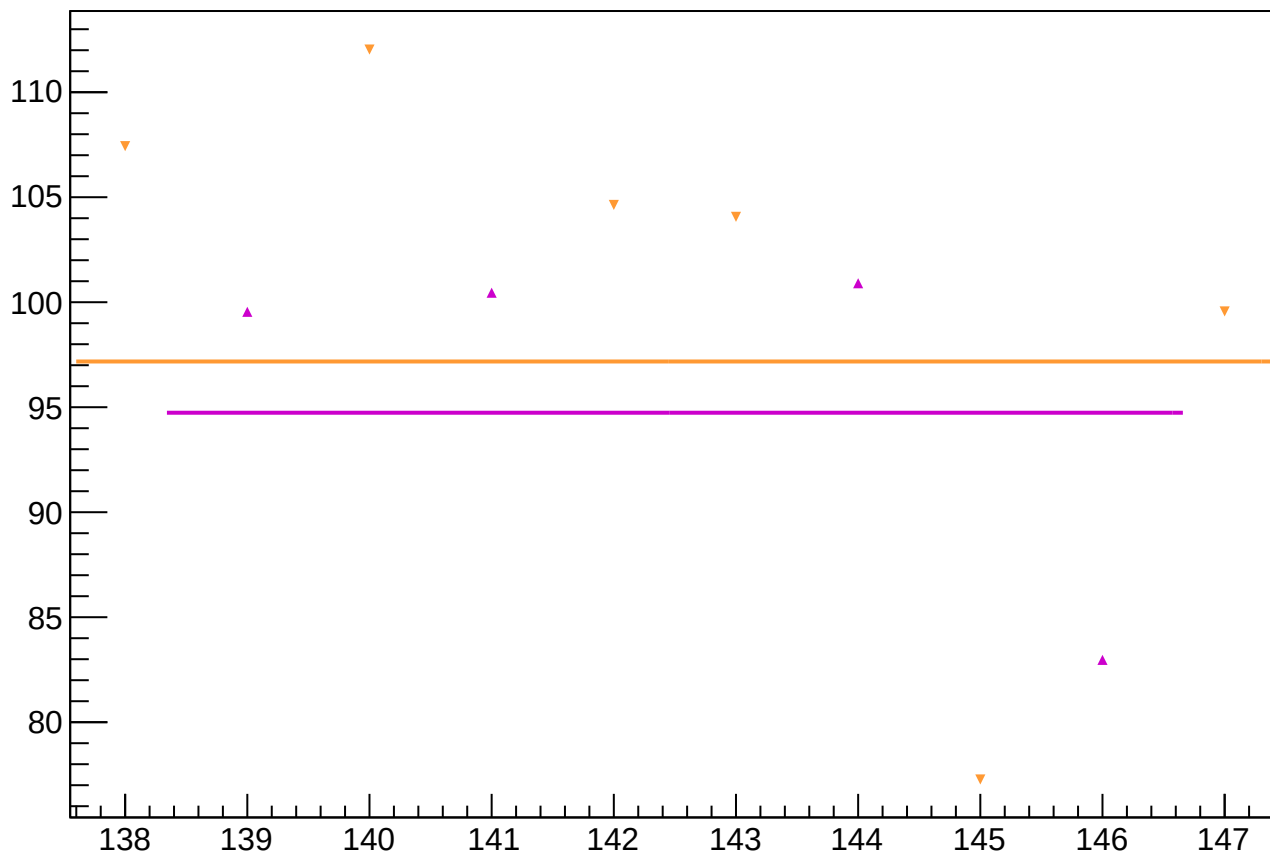
Left In: 86.523+/-52.665 χ^2/NDF : 1.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.454+/-35.582 χ^2/NDF : 4.1/9

- sign 0.000+/-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: 97.178+/-0.034 χ^2/NDF : 150543.5/5

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

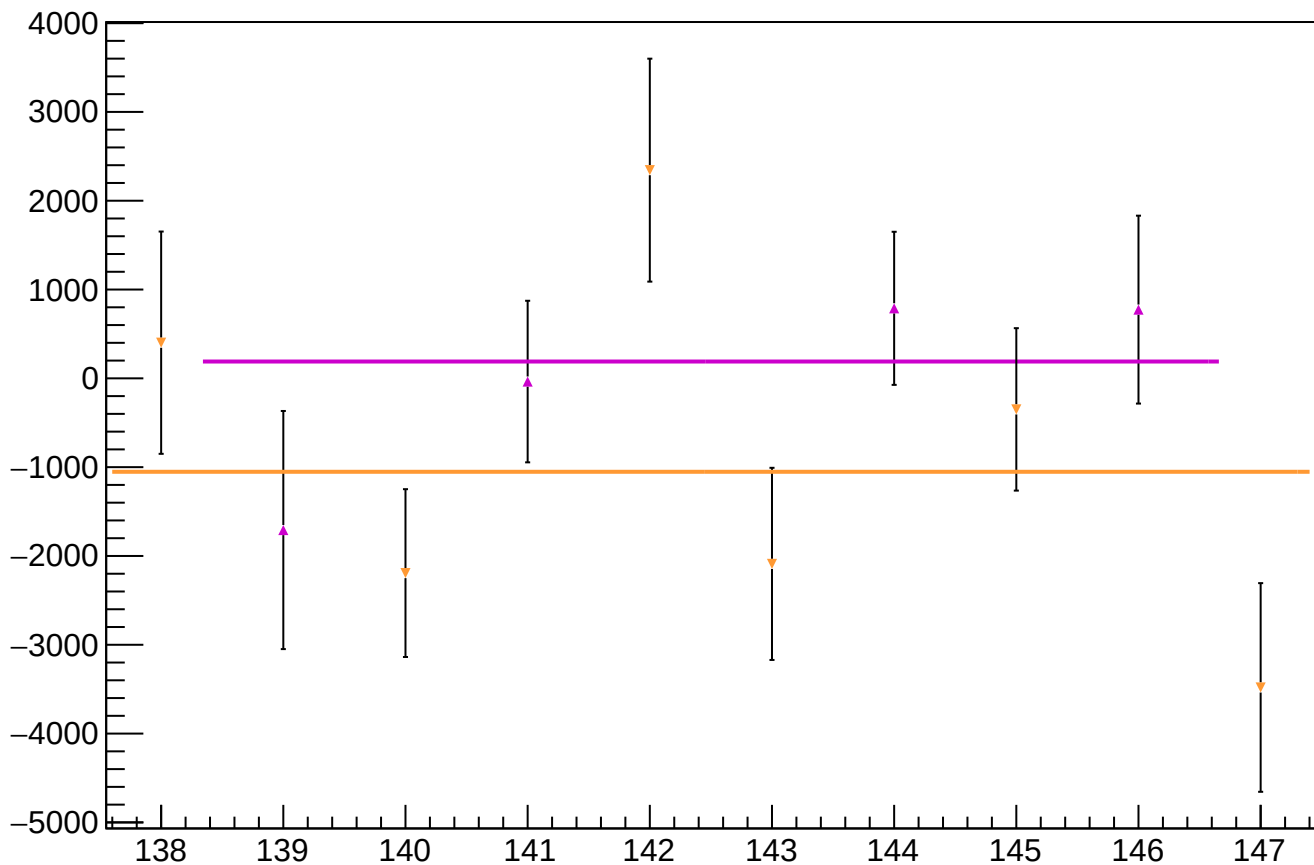
Left In: 94.737+/-0.037 χ^2/NDF : 47418.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.064+/-0.025 χ^2/NDF : 200296.7/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_correction_mean vs Slug



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

Left Out: -1052.094+/-439.869 χ^2/NDF :15.9/5

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

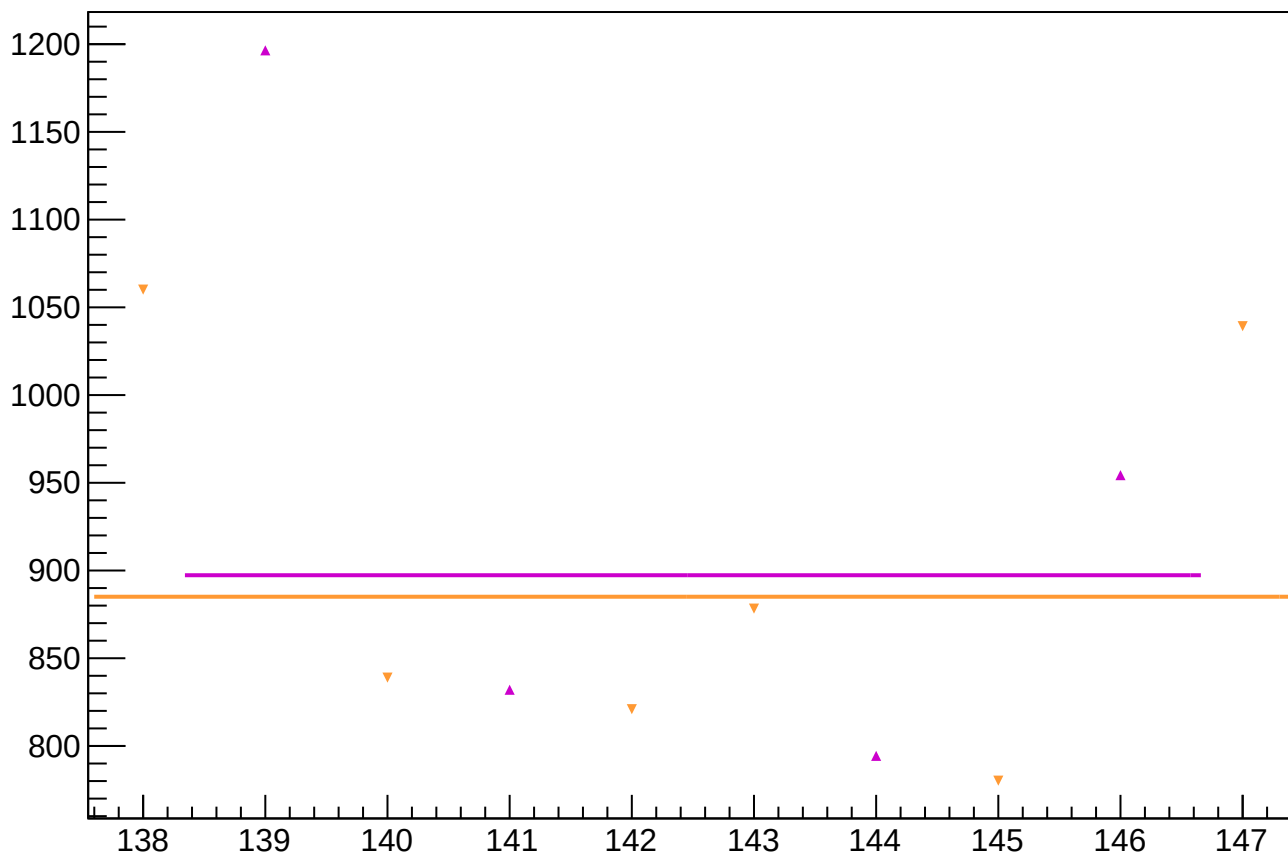
Left In: 189.465+/-499.714 χ^2/NDF :2.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -510.074+/-330.176 χ^2/NDF : 22.2/9

- sign 0.000+/-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: 885.061+/-0.311 χ^2/NDF :109922.2/5

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

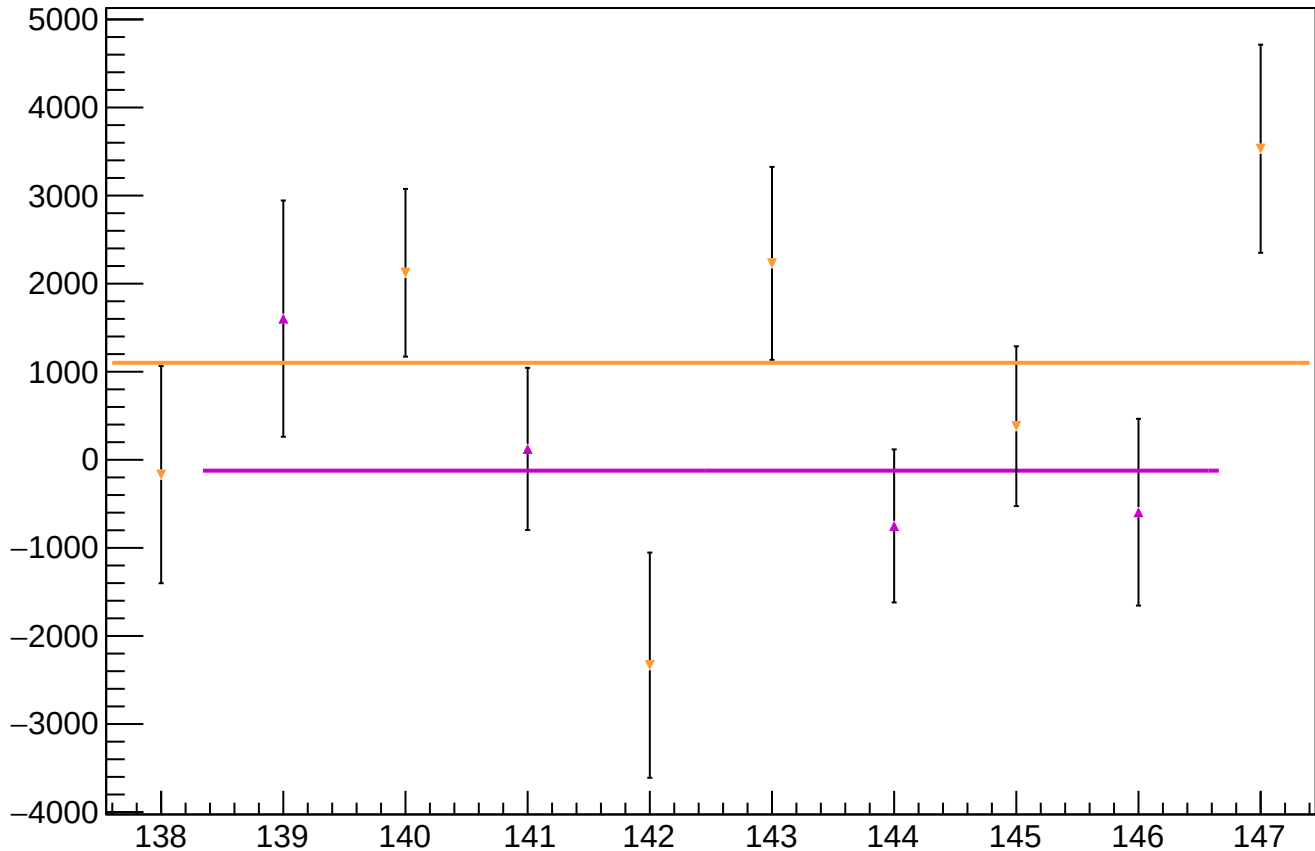
Left In: 897.314+/-0.353 χ^2/NDF :144247.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.411+/-0.233 χ^2/NDF : 254846.6/9

- 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: 1101.102+/-441.130 χ^2/NDF :15.3/5

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

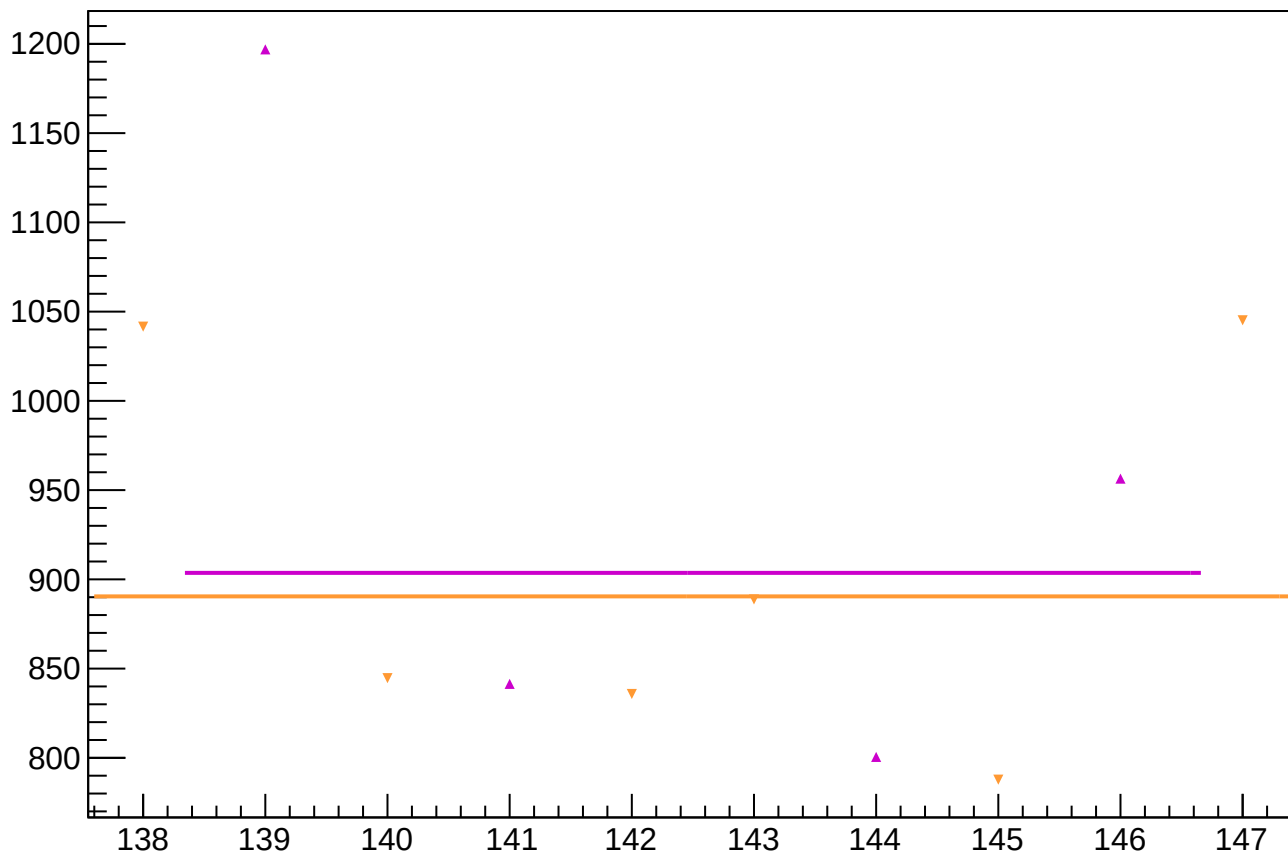
Left In: -123.059+/-503.163 χ^2/NDF :2.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.093+/-331.702 χ^2/NDF : 21.1/9

- 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: 890.455+/-0.312 χ^2/NDF : 98265.0/5

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

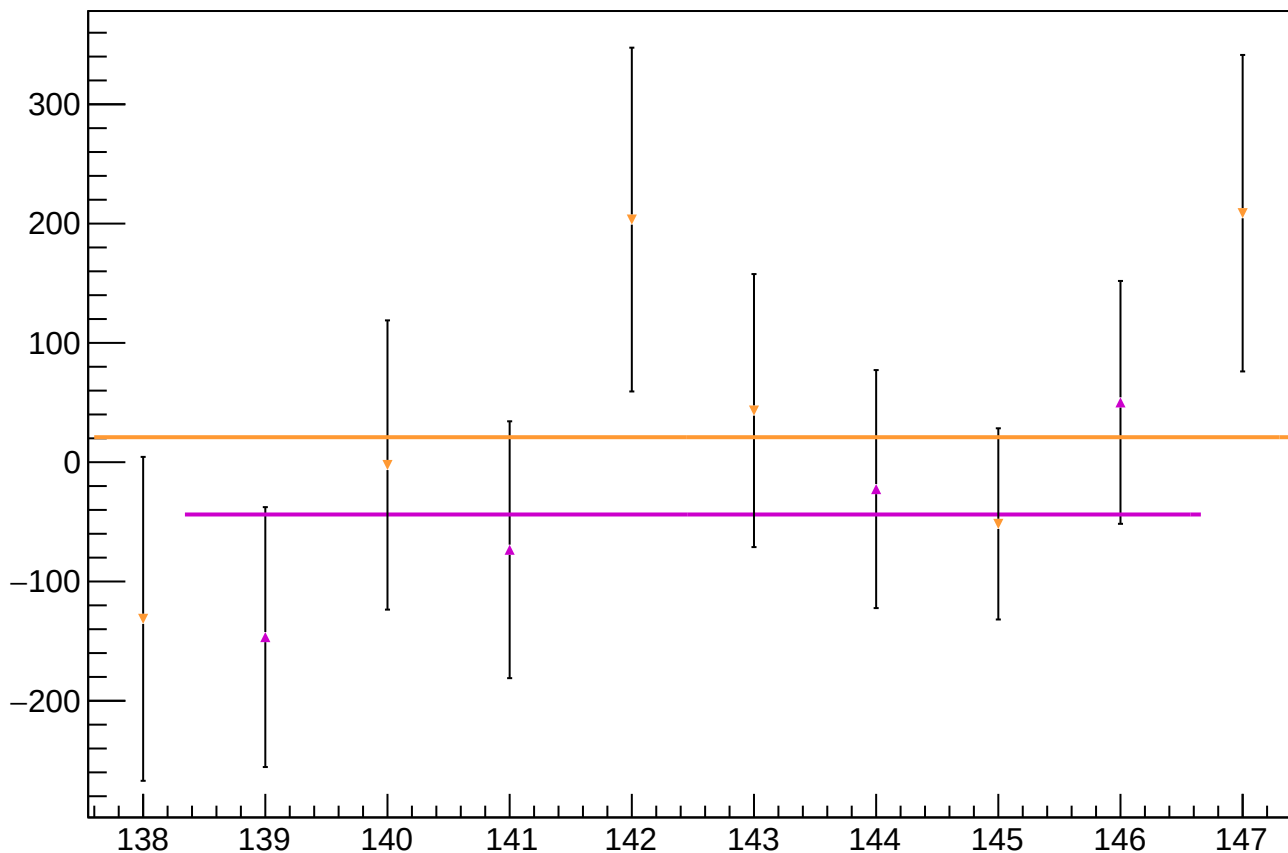
Left In: 903.631+/-0.356 χ^2/NDF : 137874.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 896.181+/-0.235 χ^2/NDF : 236915.2/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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

Left Out: 20.947+/-46.655 χ^2/NDF : 5.8/5

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

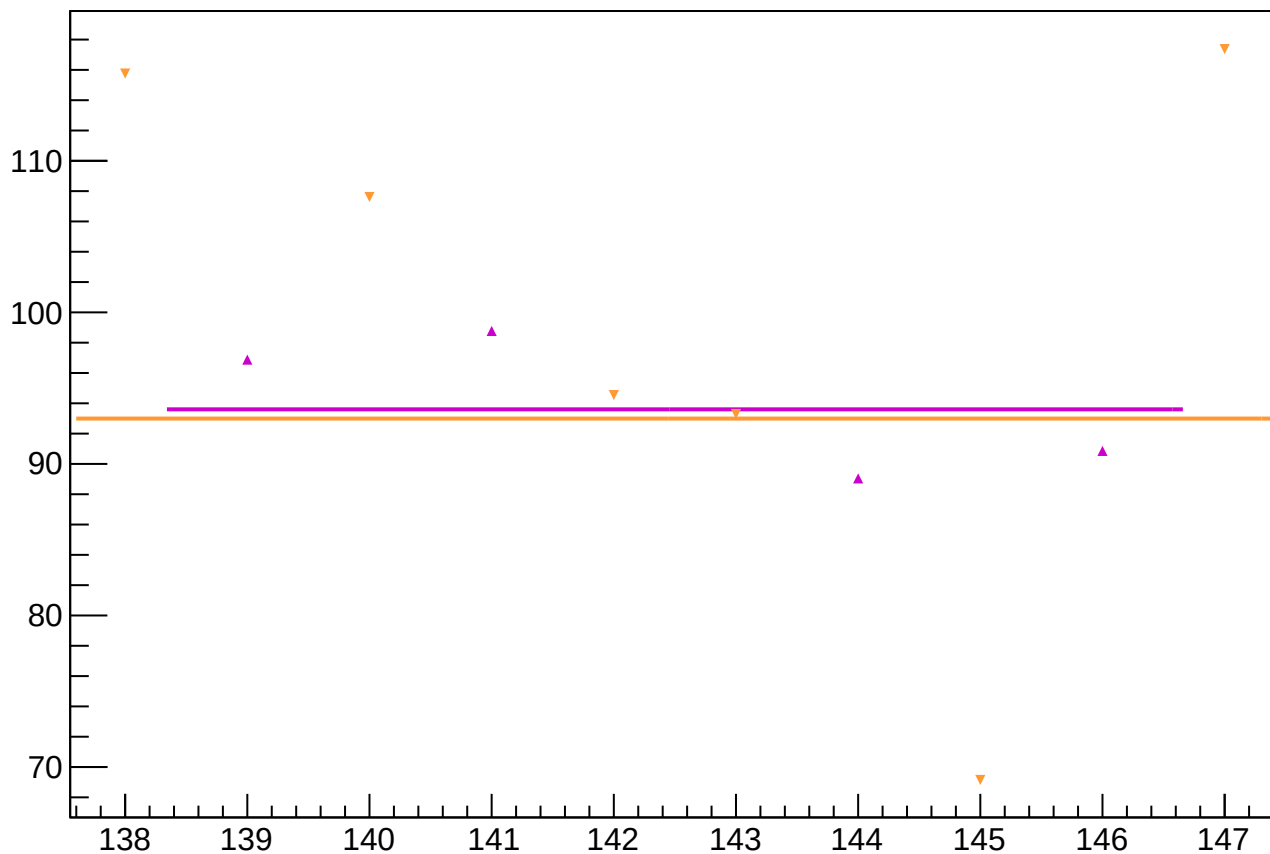
Left In: -43.836+/-52.161 χ^2/NDF : 1.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.846+/-34.774 χ^2/NDF : 8.5/9

- sign 0.000+/-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: 92.992+/-0.033 χ^2/NDF :330233.5/5

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

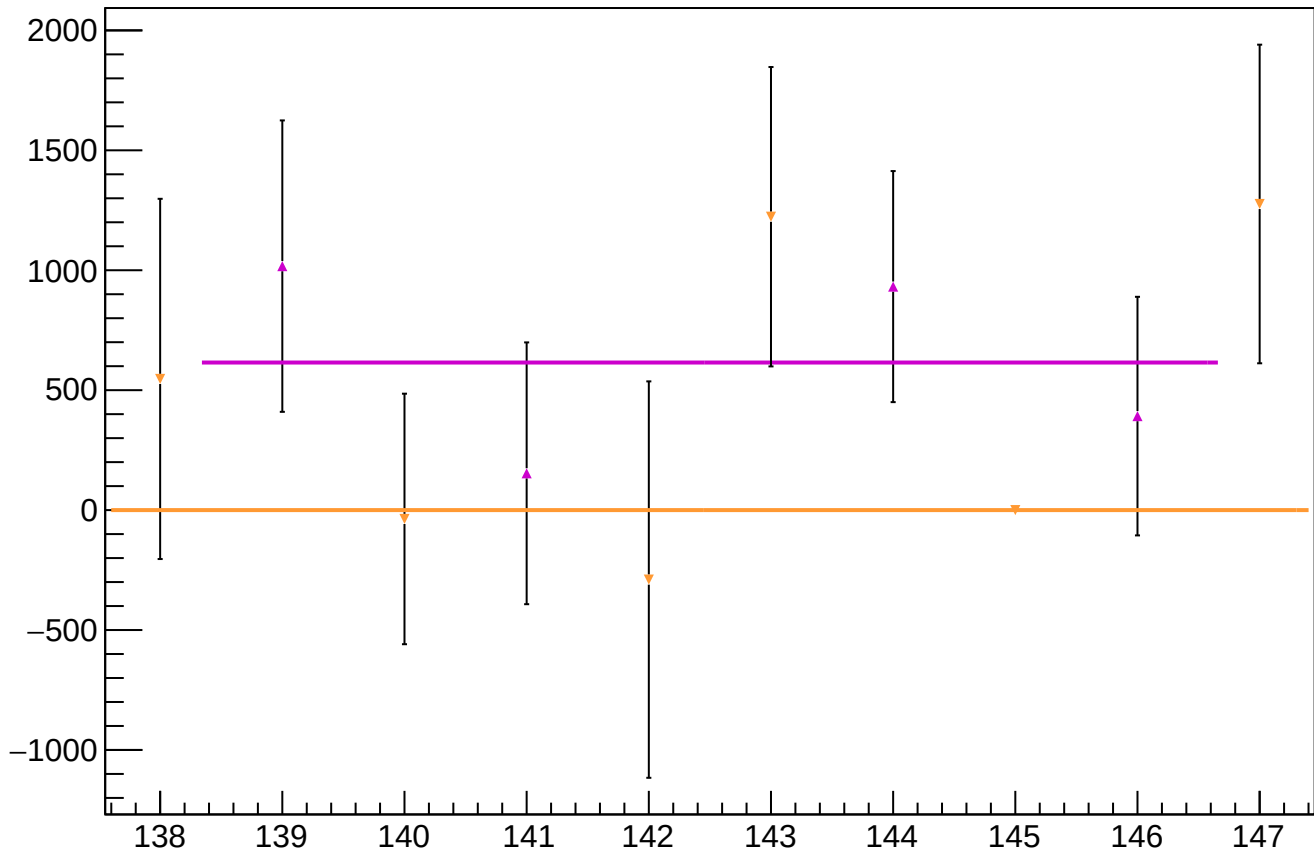
Left In: 93.602+/-0.037 χ^2/NDF :12054.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.263+/-0.025 χ^2/NDF : 342440.3/9

- 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 : 8.2/5

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

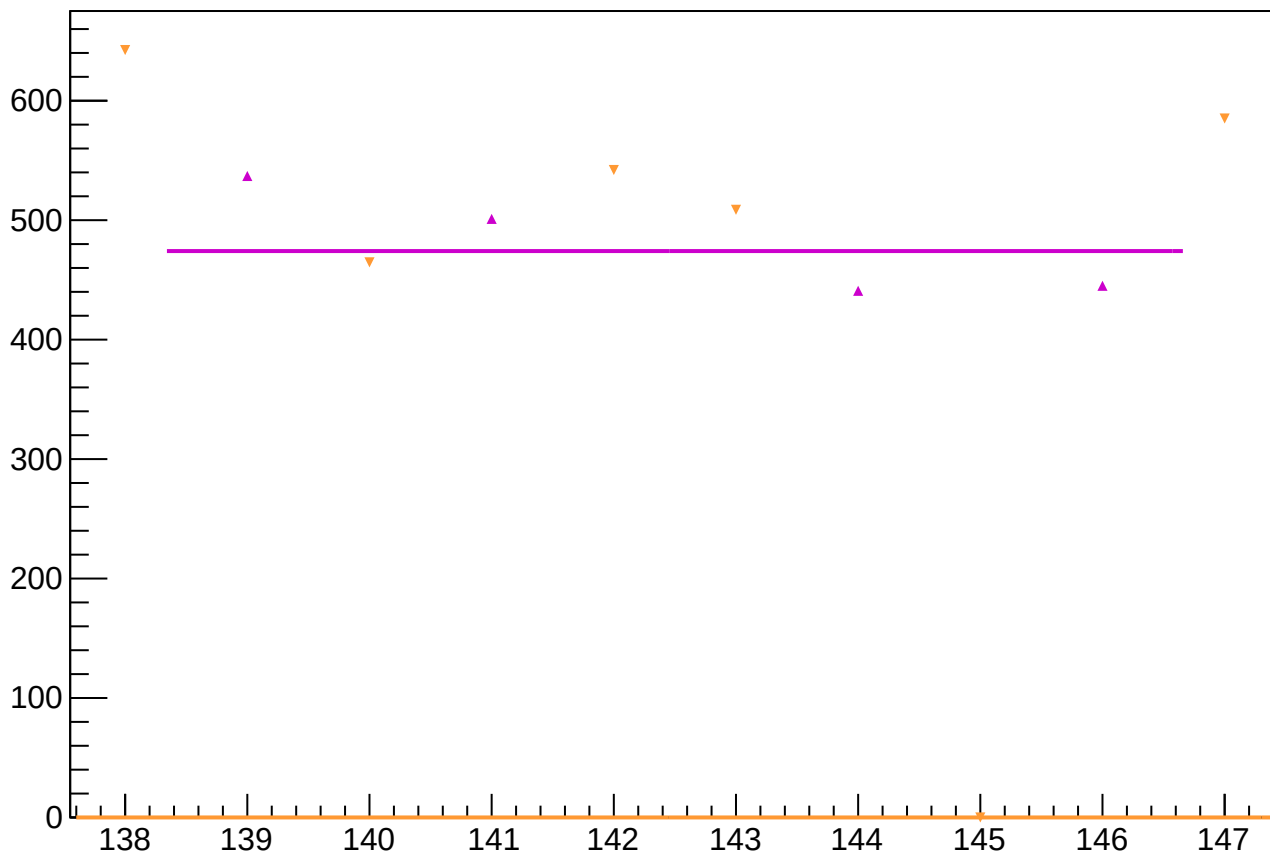
Left In: 615.248+/-263.337 χ^2/NDF : 1.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.4/9

- 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 : 6788495.2/5

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

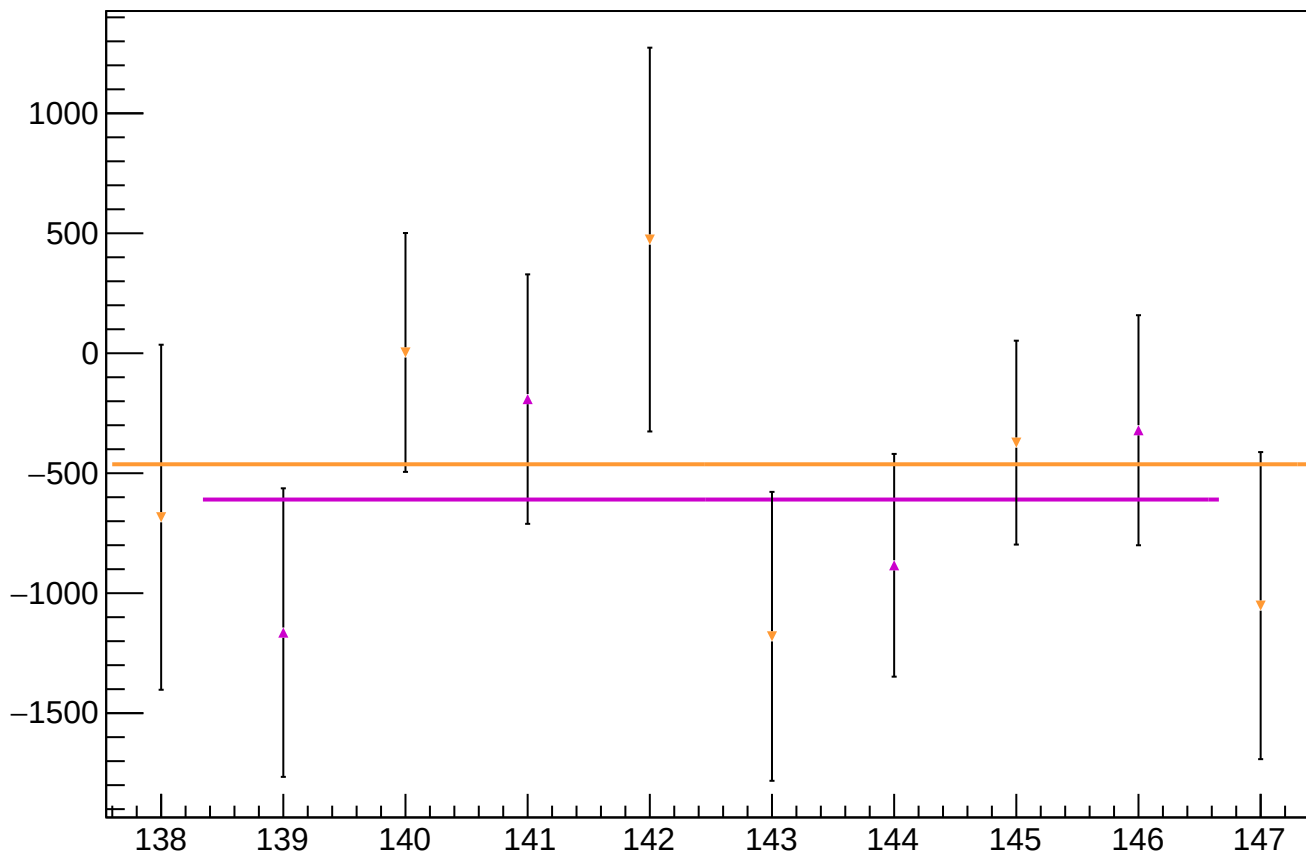
Left In: 474.148+/-0.186 χ^2/NDF : 42653.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13314998.0/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -462.694 $\pm$ 233.929 χ^2 /NDF:4.7/5

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

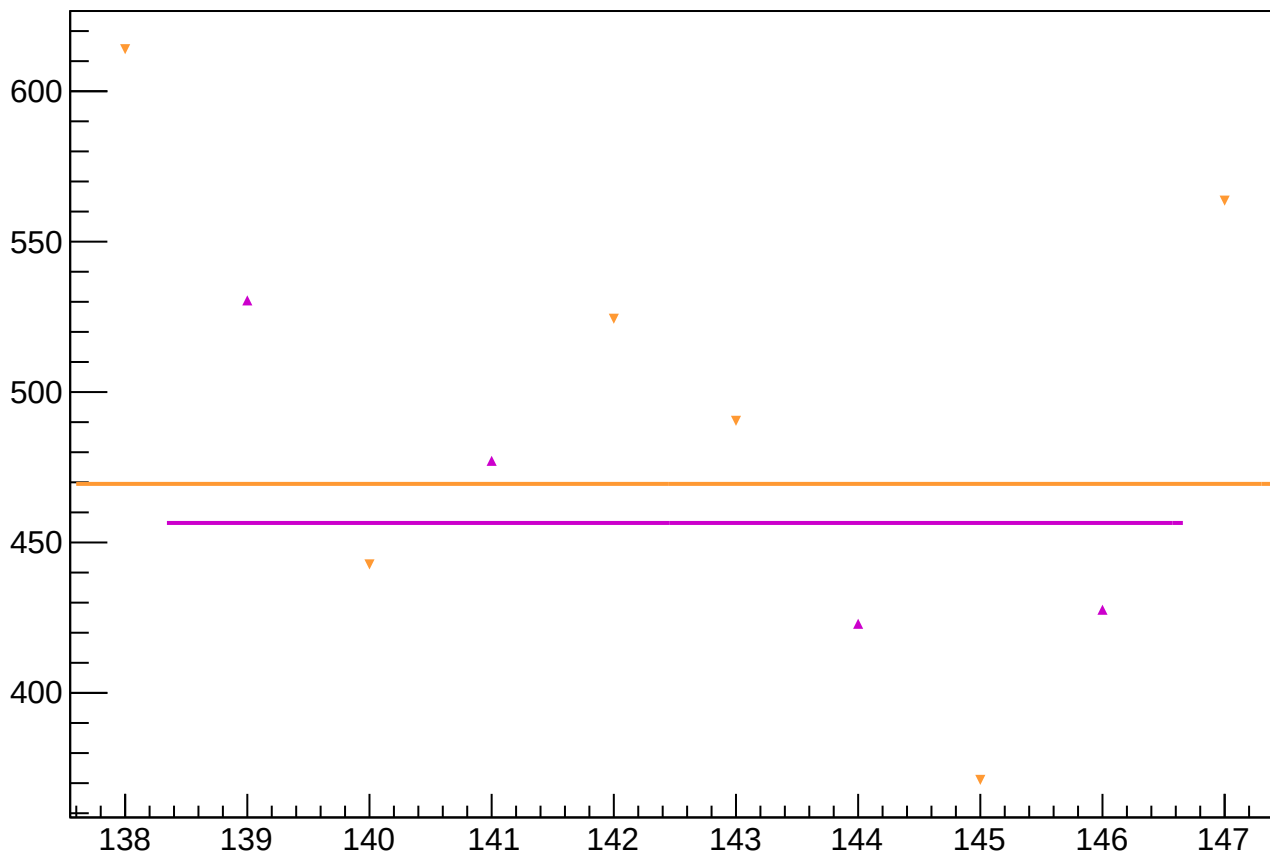
Left In: -609.678 $\pm$ 254.345 χ^2 /NDF:2.2/3

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

All: -530.051 $\pm$ 172.179 χ^2 /NDF: 7.0/9

- sign 0.000 $\pm$ 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: 469.478+/-0.165 χ^2/NDF : 248964.7/5

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

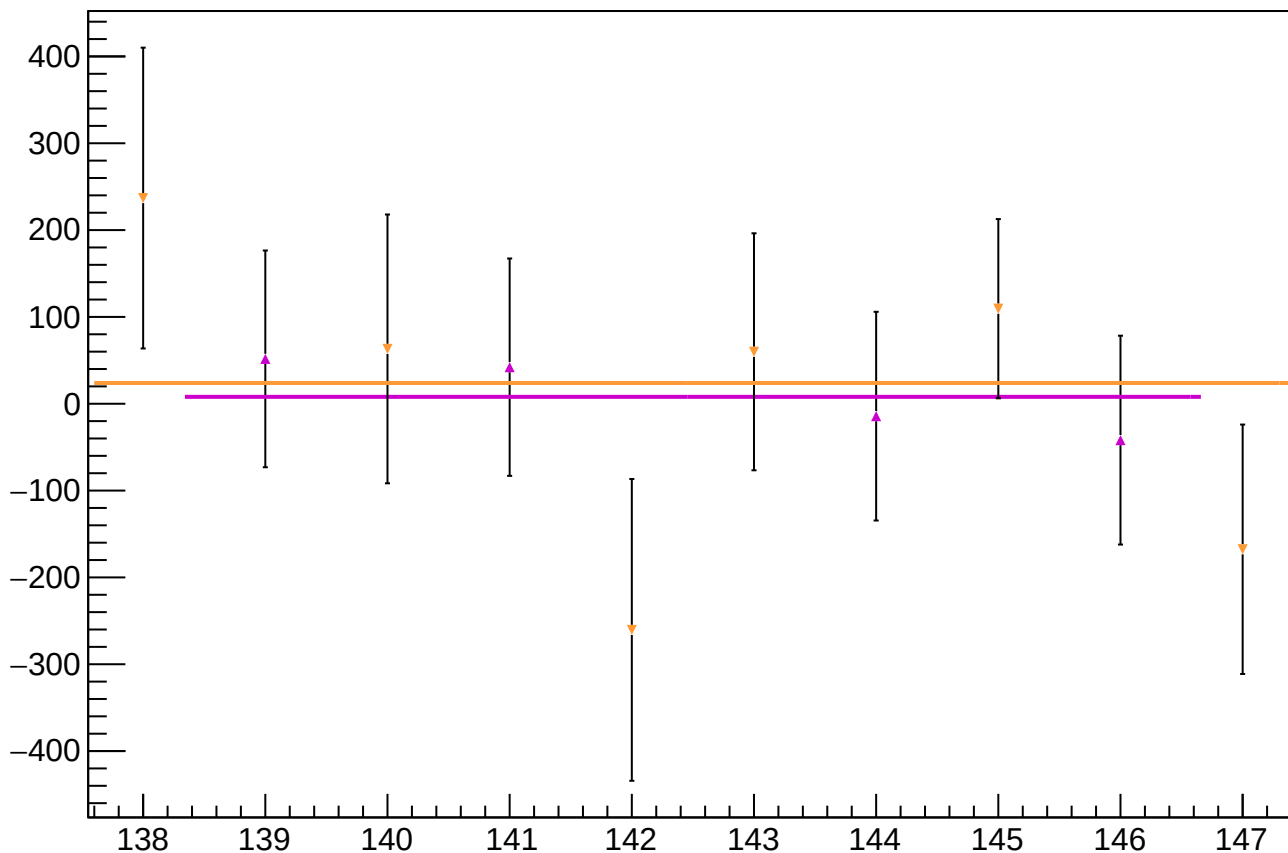
Left In: 456.493+/-0.180 χ^2/NDF : 51098.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.528+/-0.122 χ^2/NDF : 302887.0/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 23.908 $\pm$ 57.332 χ^2 /NDF:6.8/5

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

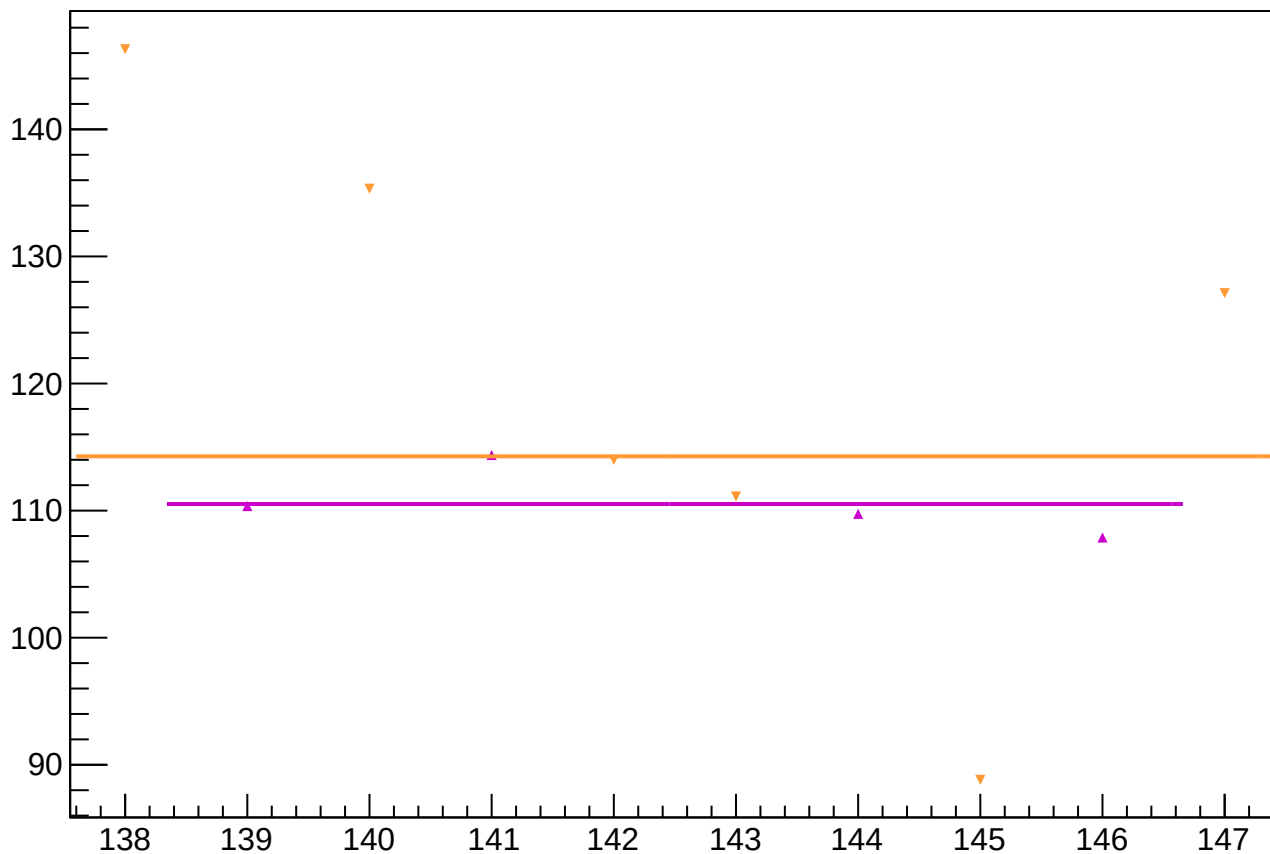
Left In: 7.963 $\pm$ 61.268 χ^2 /NDF:0.4/3

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

All: 16.464 $\pm$ 41.862 χ^2 /NDF: 7.2/9

- sign 0.000 $\pm$ 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: 114.271+/-0.041 χ^2/NDF : 244164.9/5

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

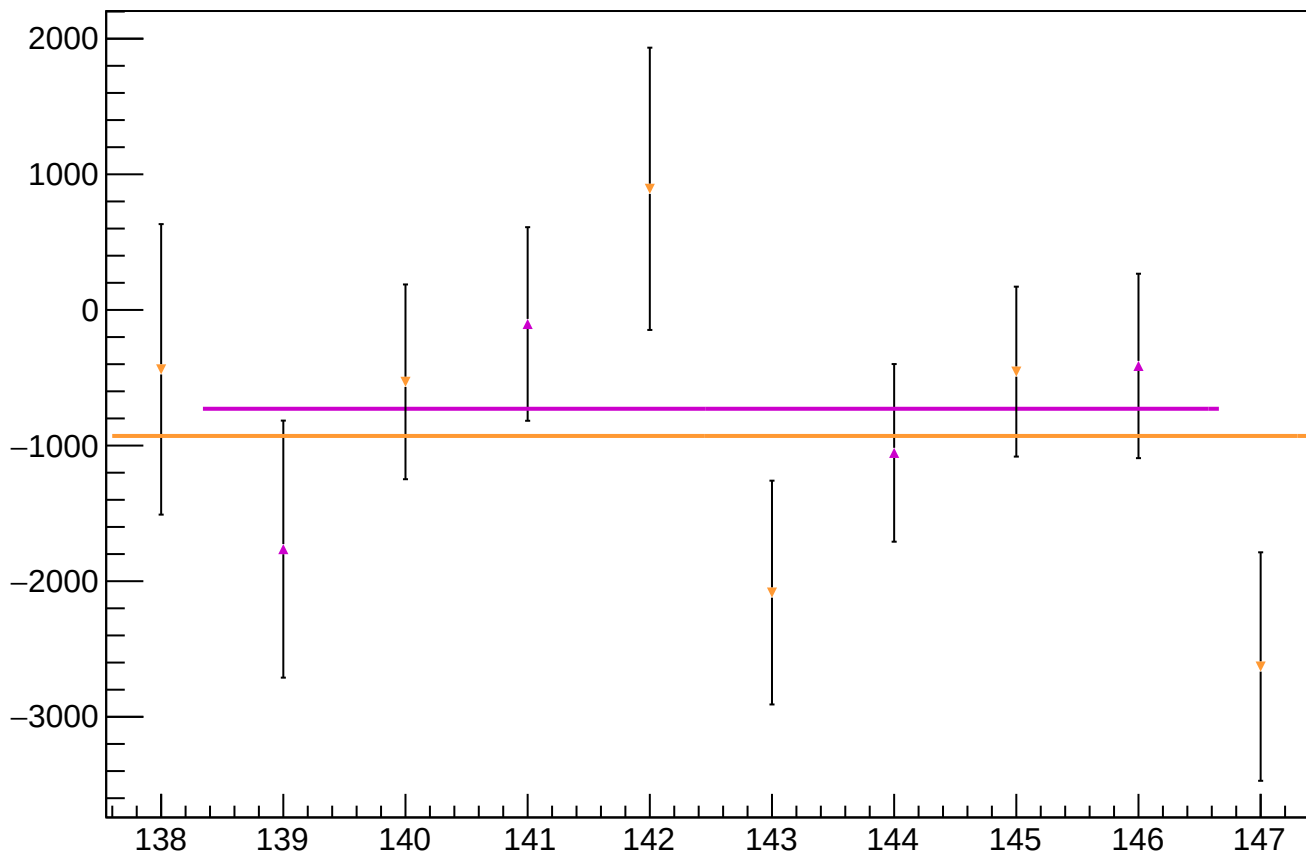
Left In: 110.519+/-0.043 χ^2/NDF : 2943.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.519+/-0.030 χ^2/NDF : 251105.9/9

- 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: -929.077+/-330.383 χ^2/NDF :10.2/5

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

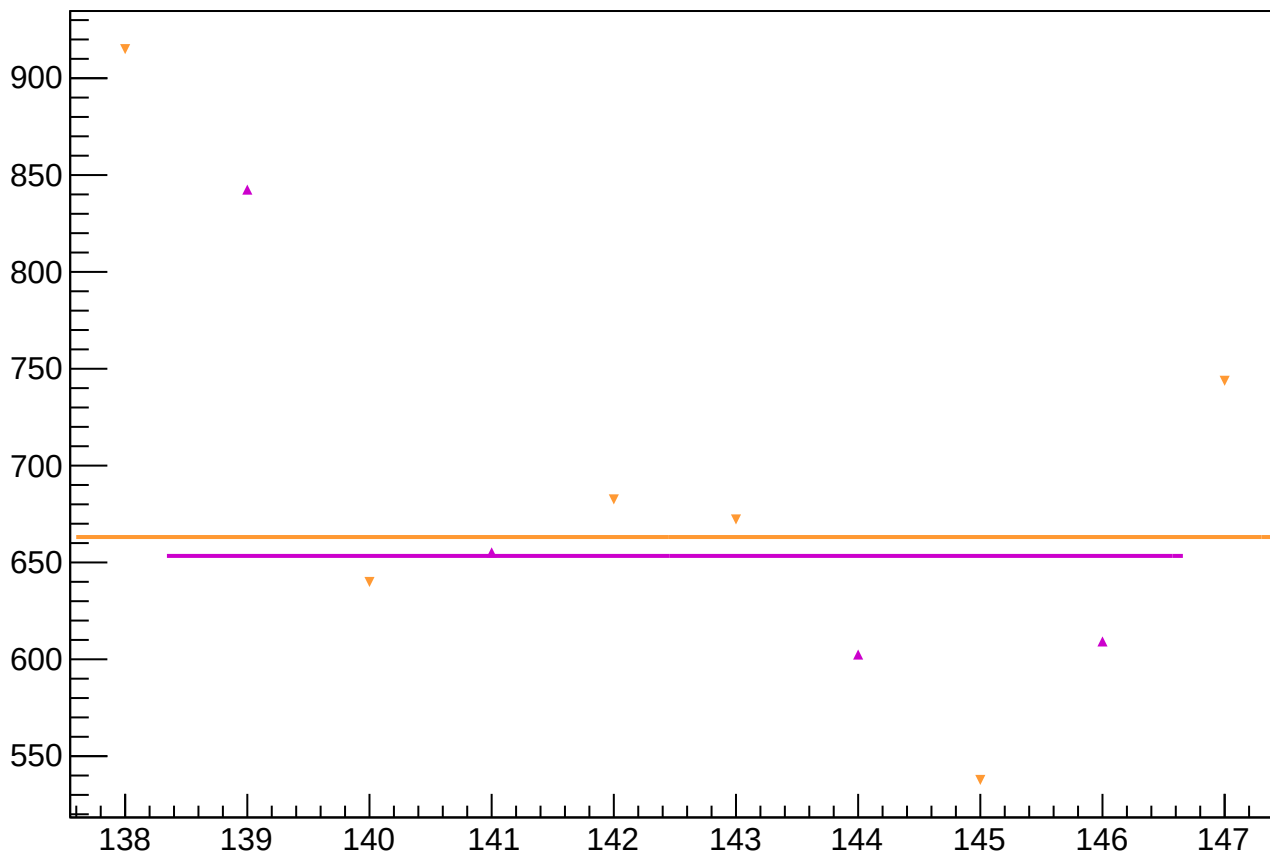
Left In: -728.671+/-363.423 χ^2/NDF :2.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -838.396+/-244.464 χ^2/NDF : 12.8/9

- 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: 663.125+/-0.234 χ^2/NDF : 212130.6/5

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

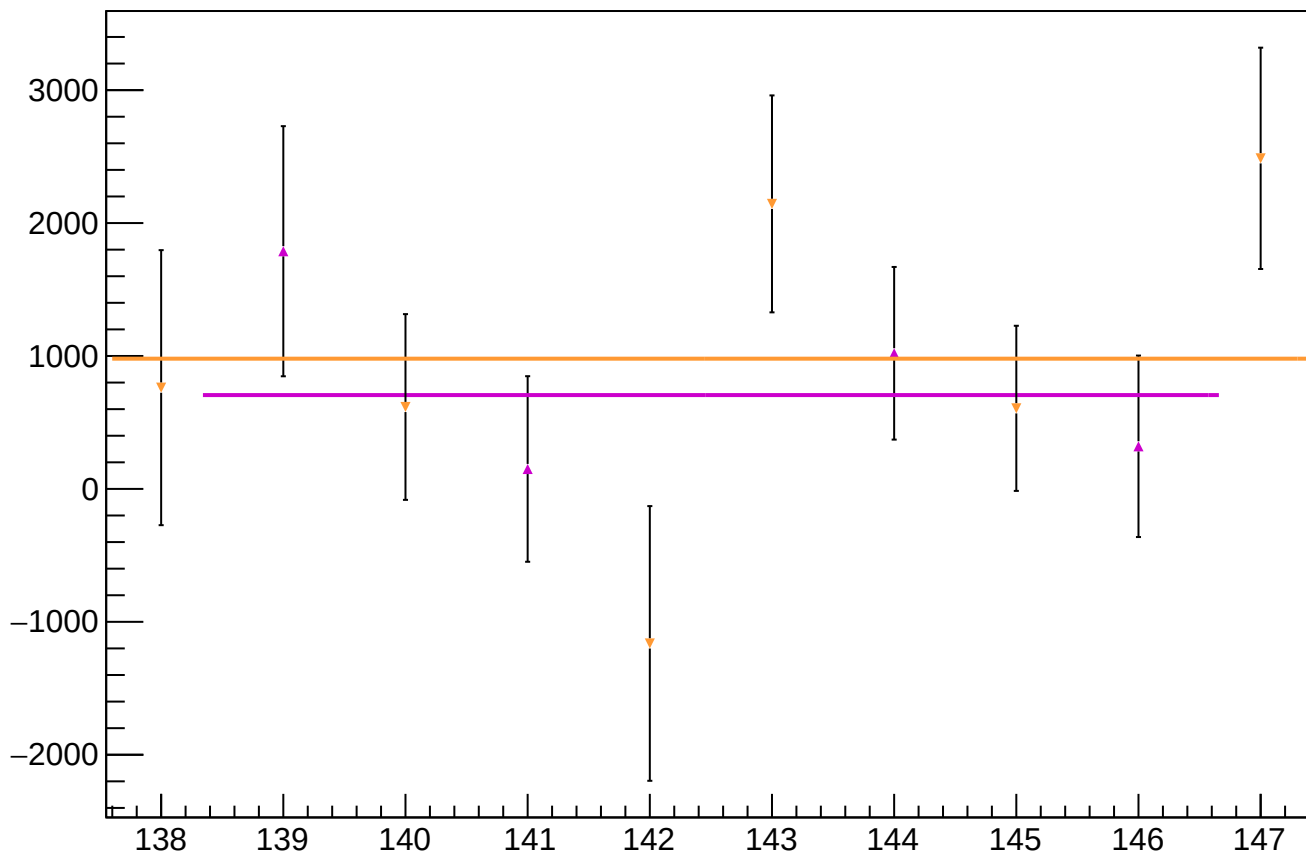
Left In: 653.379+/-0.257 χ^2/NDF : 100188.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.715+/-0.173 χ^2/NDF : 313106.2/9

- 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: 979.741+/-325.198 χ^2/NDF :10.3/5

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

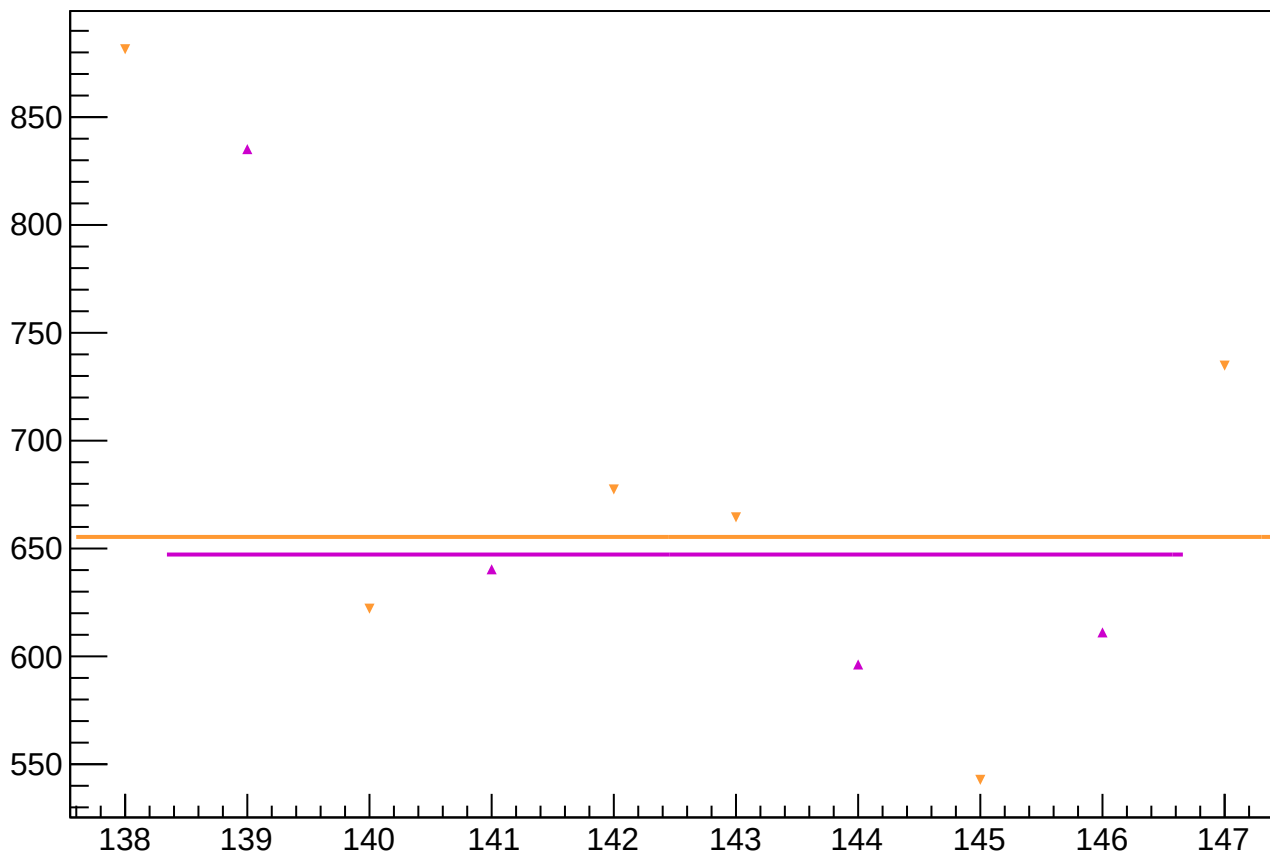
Left In: 705.881+/-360.399 χ^2/NDF :2.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.835+/-241.438 χ^2/NDF : 13.1/9

- 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: 655.374+/-0.230 χ^2/NDF : 185160.0/5

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

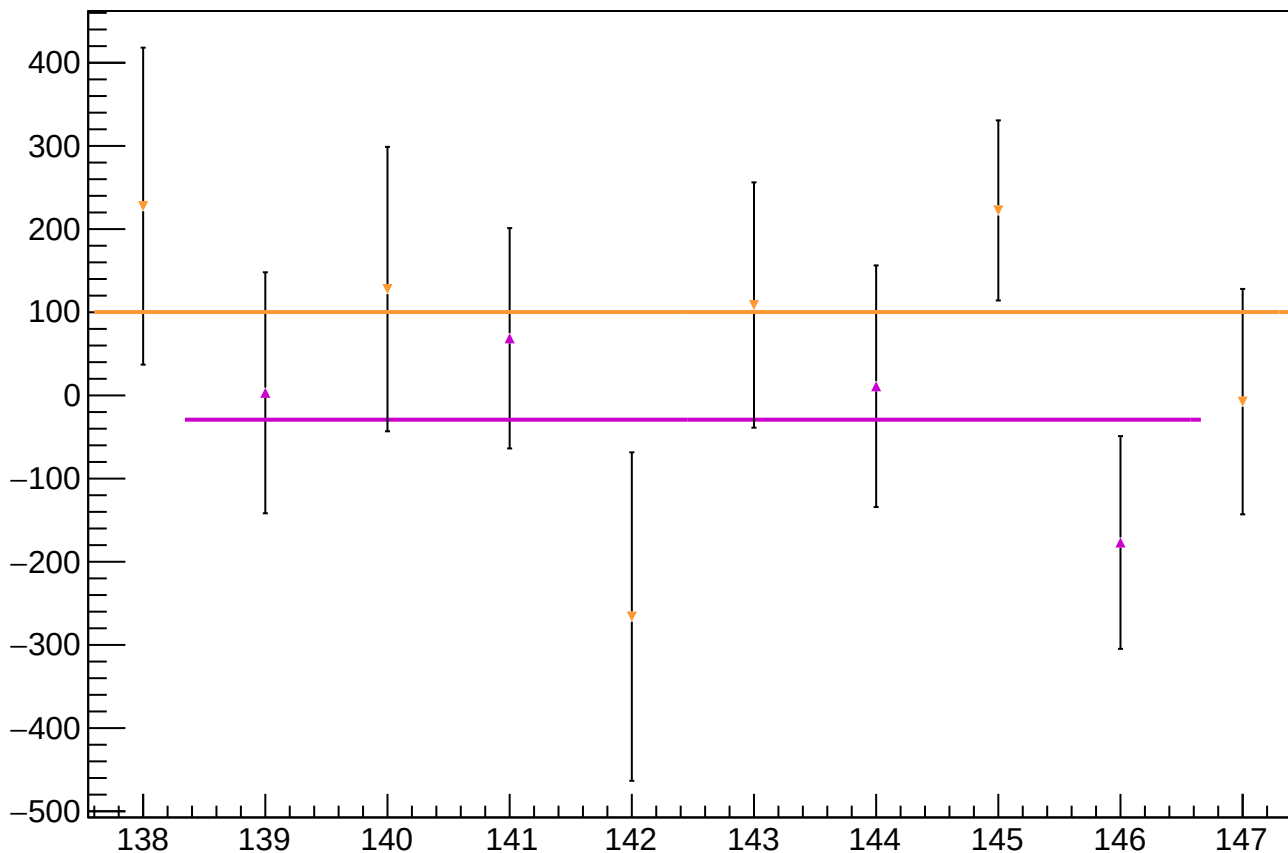
Left In: 647.213+/-0.255 χ^2/NDF : 97918.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 651.711+/-0.171 χ^2/NDF : 283643.4/9

- 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: 100.284 $\pm$ 60.511 χ^2 /NDF:5.8/5

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

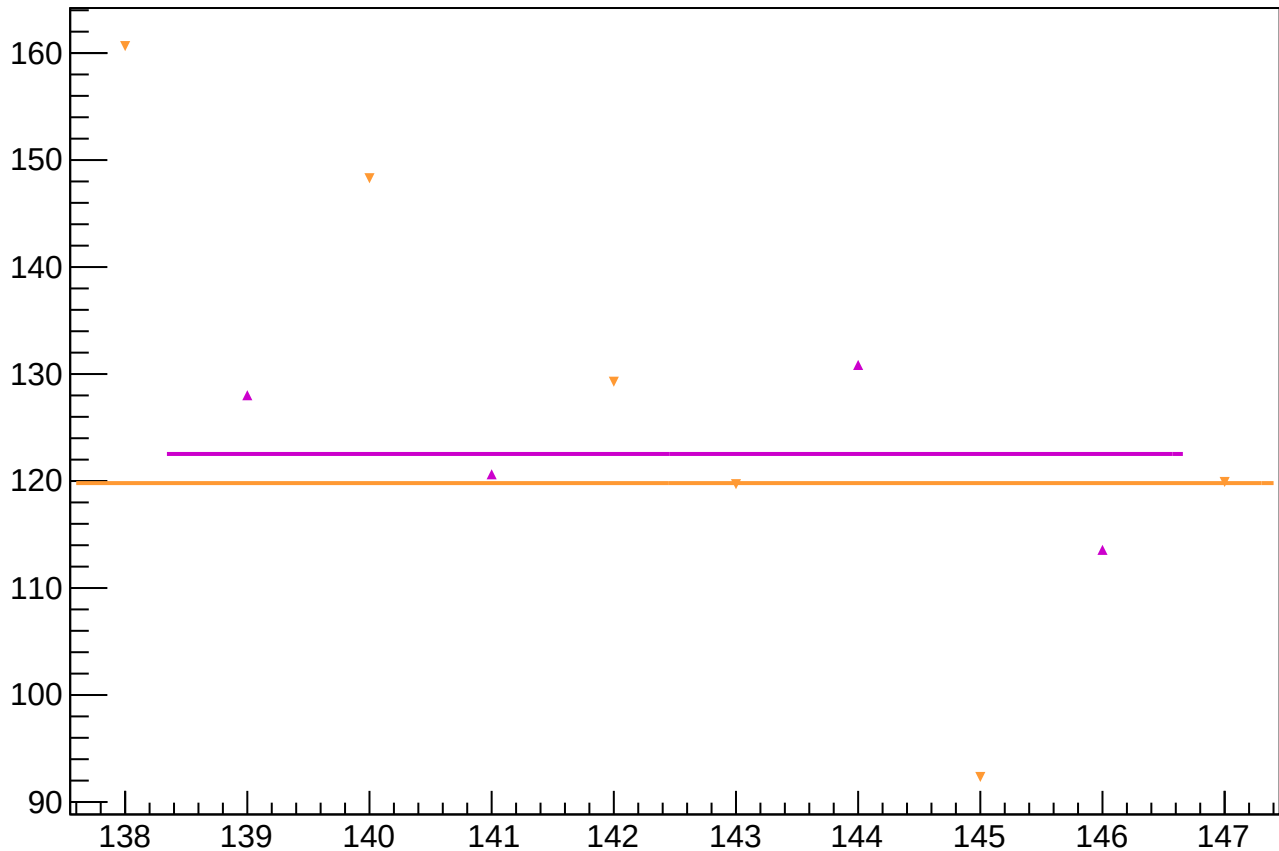
Left In: -29.155 $\pm$ 68.503 χ^2 /NDF:2.0/3

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

All: 43.552 $\pm$ 45.351 χ^2 /NDF: 9.8/9

- 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: 119.807+/-0.043 χ^2/NDF : 280743.7/5

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

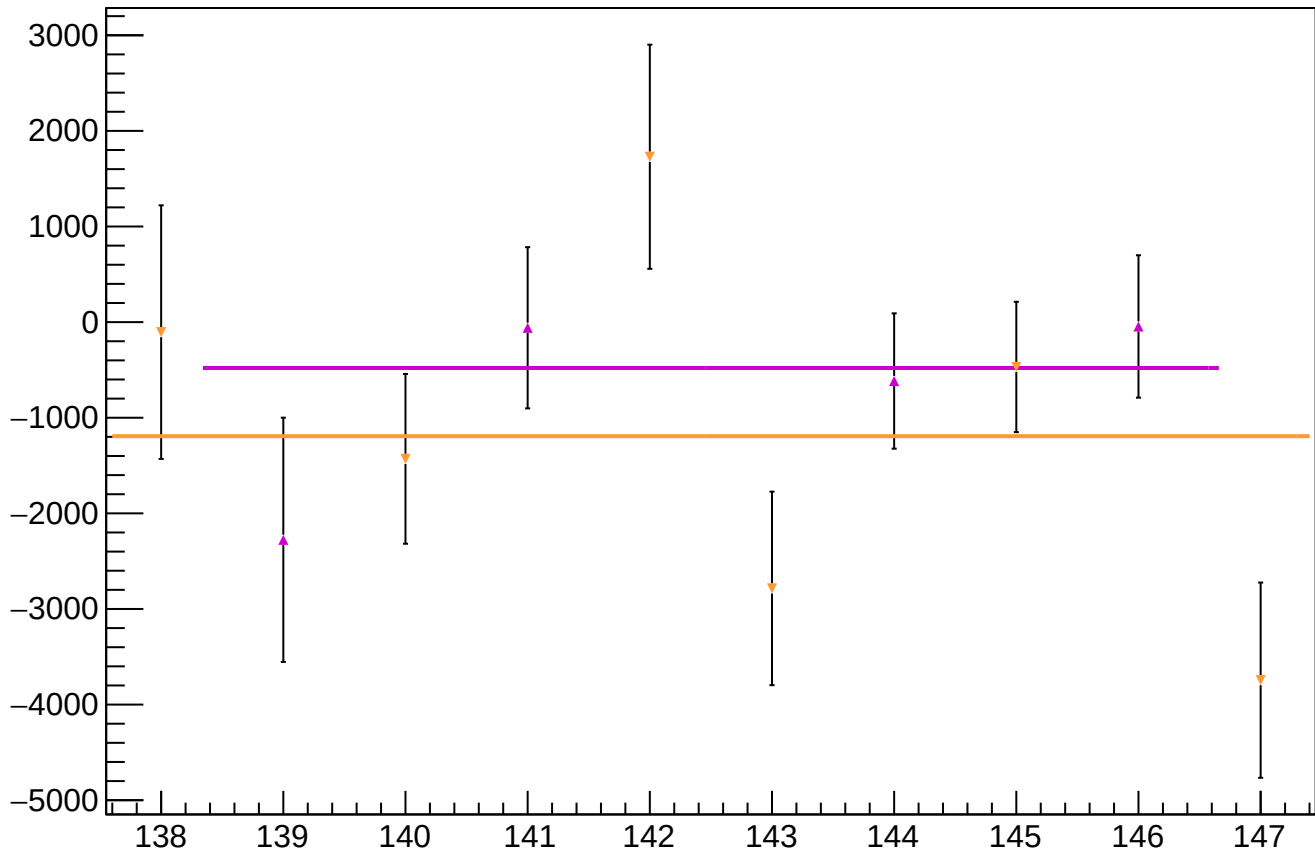
Left In: 122.530+/-0.048 χ^2/NDF : 19660.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.000+/-0.032 χ^2/NDF : 302179.6/9

- 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: -1192.929+/-387.655 χ^2/NDF :16.8/5

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

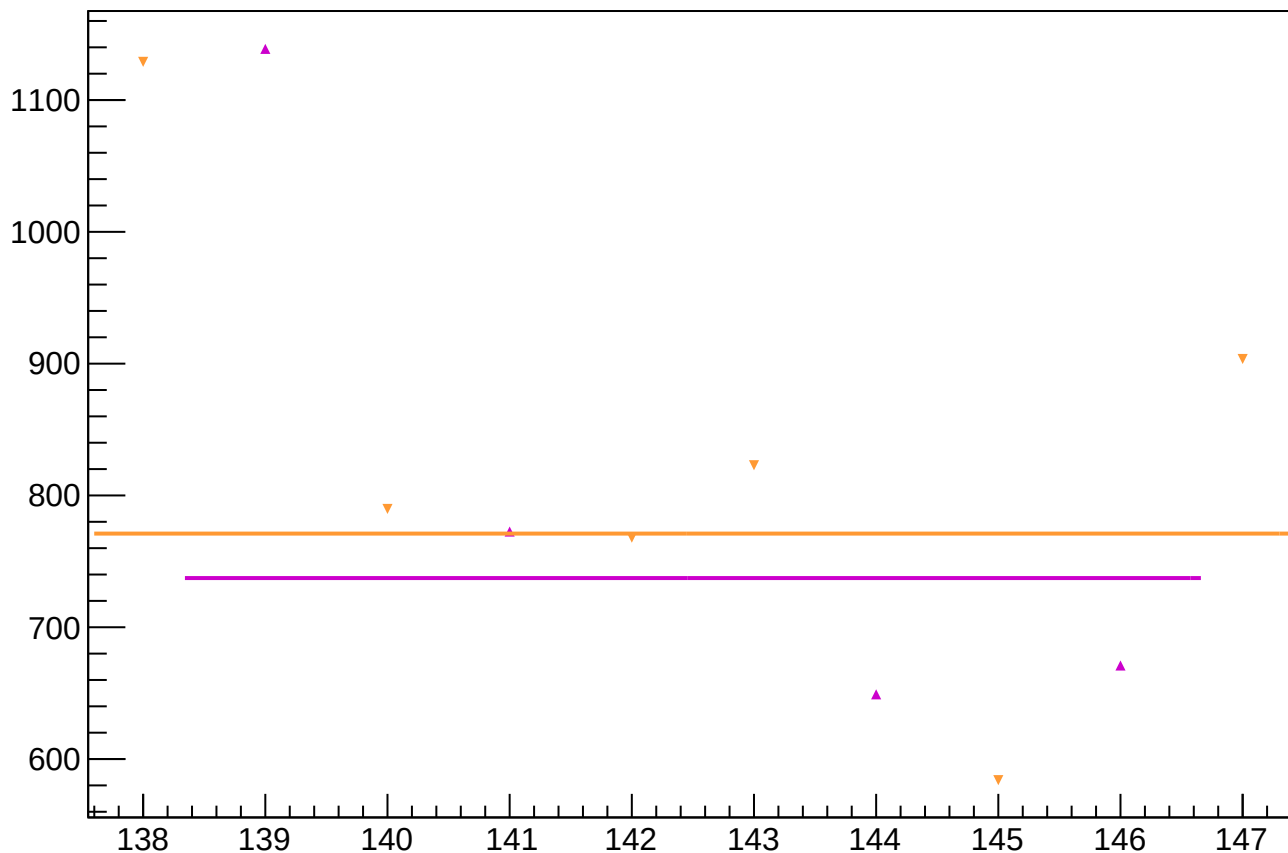
Left In: -479.539+/-414.504 χ^2/NDF :2.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -860.085+/-283.130 χ^2/NDF : 21.0/9

- 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: 771.060+/-0.274 χ^2/NDF : 336145.5/5

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

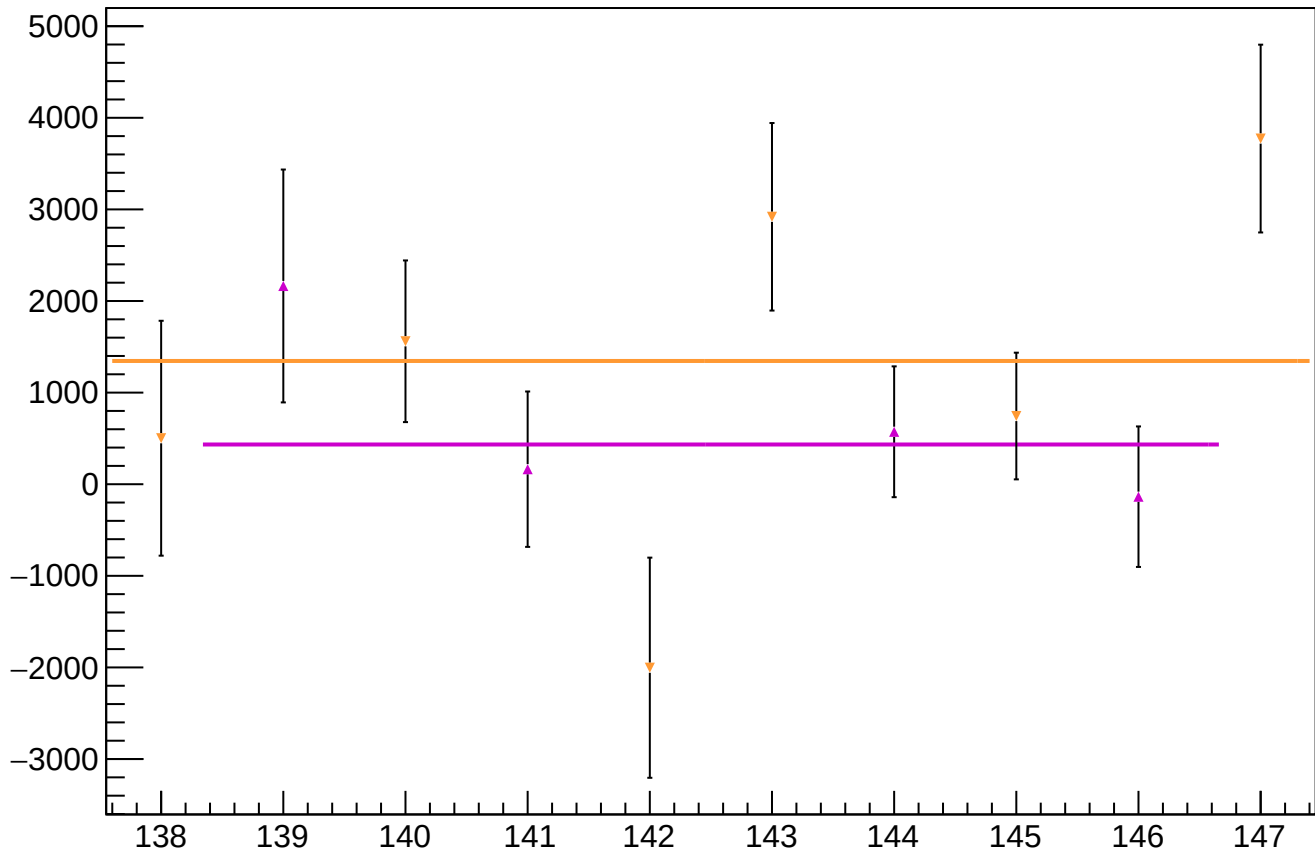
Left In: 737.318+/-0.293 χ^2/NDF : 248142.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.317+/-0.200 χ^2/NDF : 591356.8/9

- 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: 1345.414+/-389.763 χ^2/NDF : 17.0/5

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

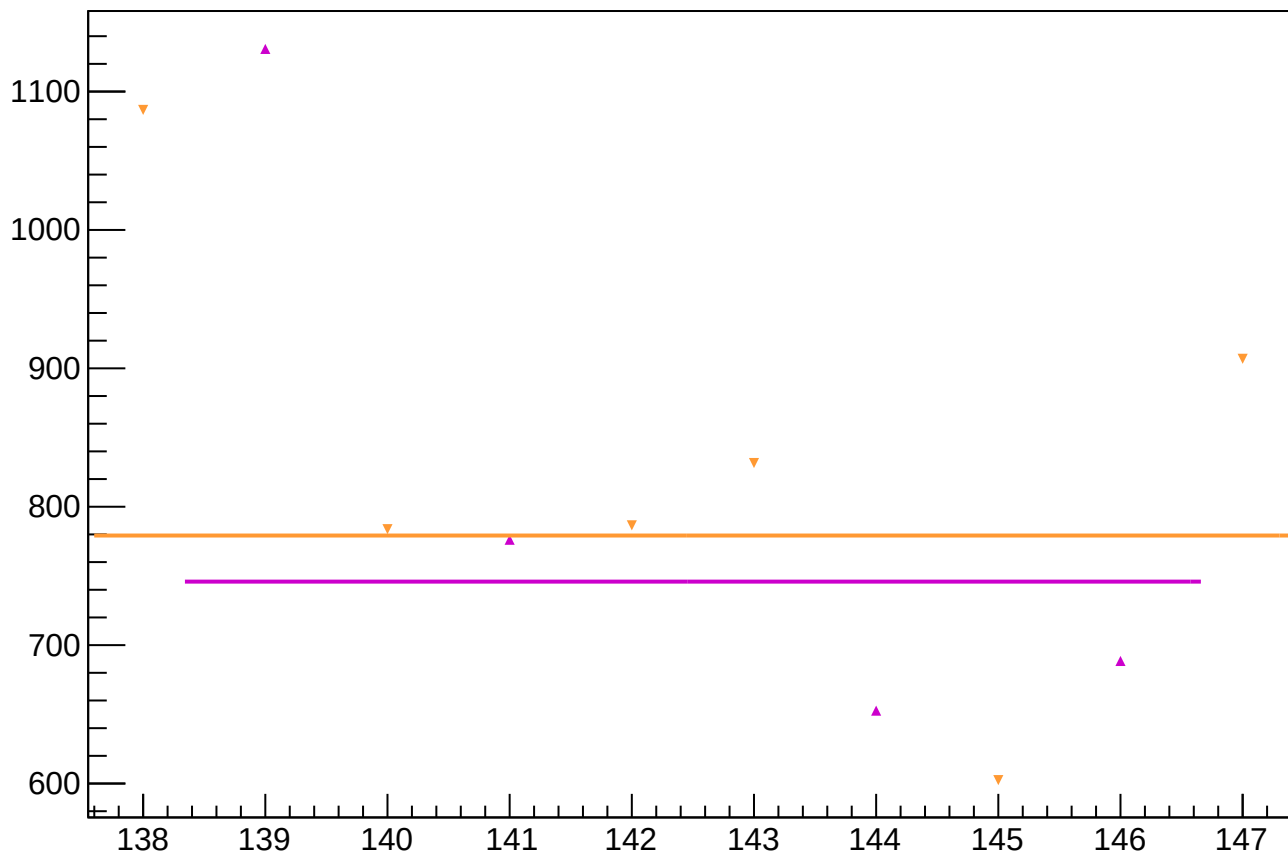
Left In: 433.621+/-419.944 χ^2/NDF : 2.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.457+/-285.678 χ^2/NDF : 22.1/9

- 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: 779.201+/-0.276 χ^2/NDF : 282143.0/5

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

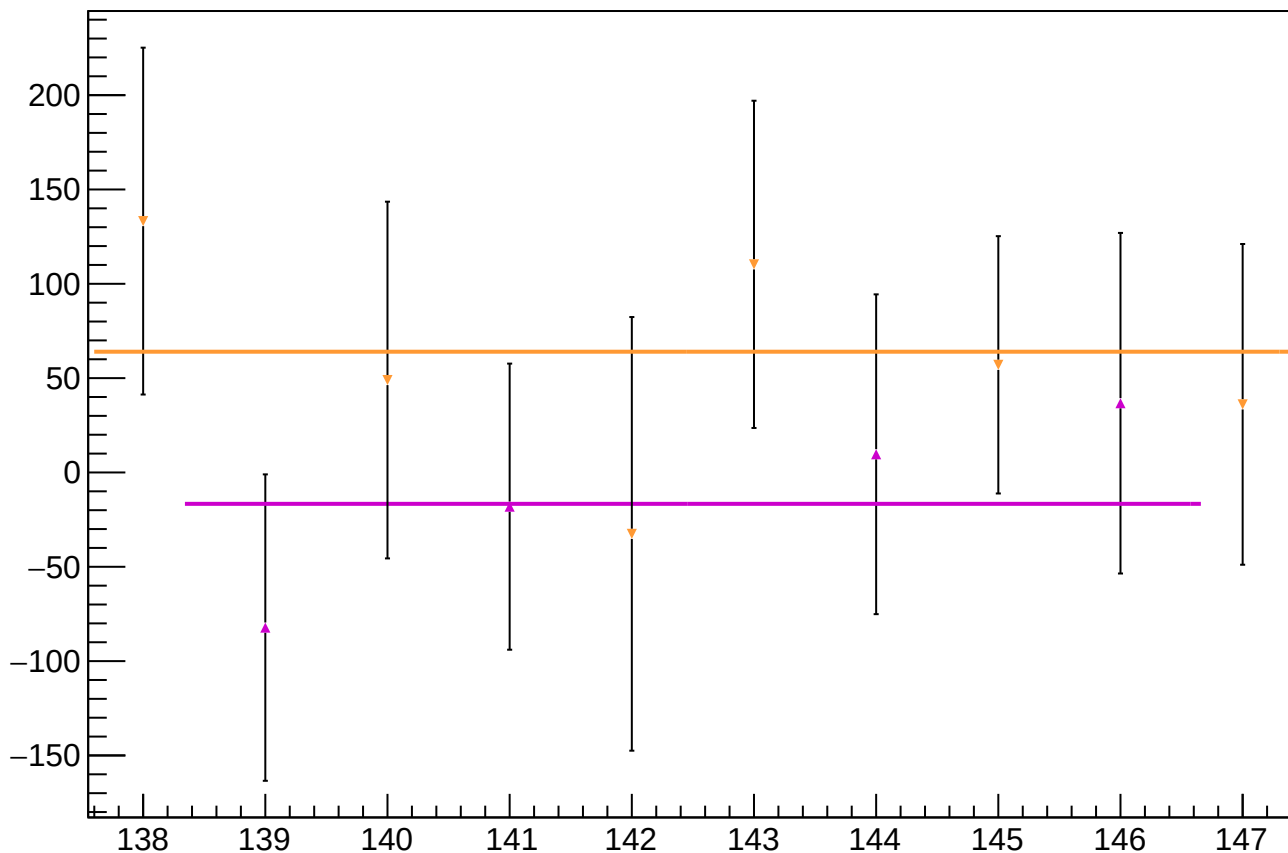
Left In: 745.892+/-0.297 χ^2/NDF : 231219.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.787+/-0.202 χ^2/NDF : 520122.5/9

- 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: 64.008 $\pm$ 35.528 χ^2 /NDF:1.7/5

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

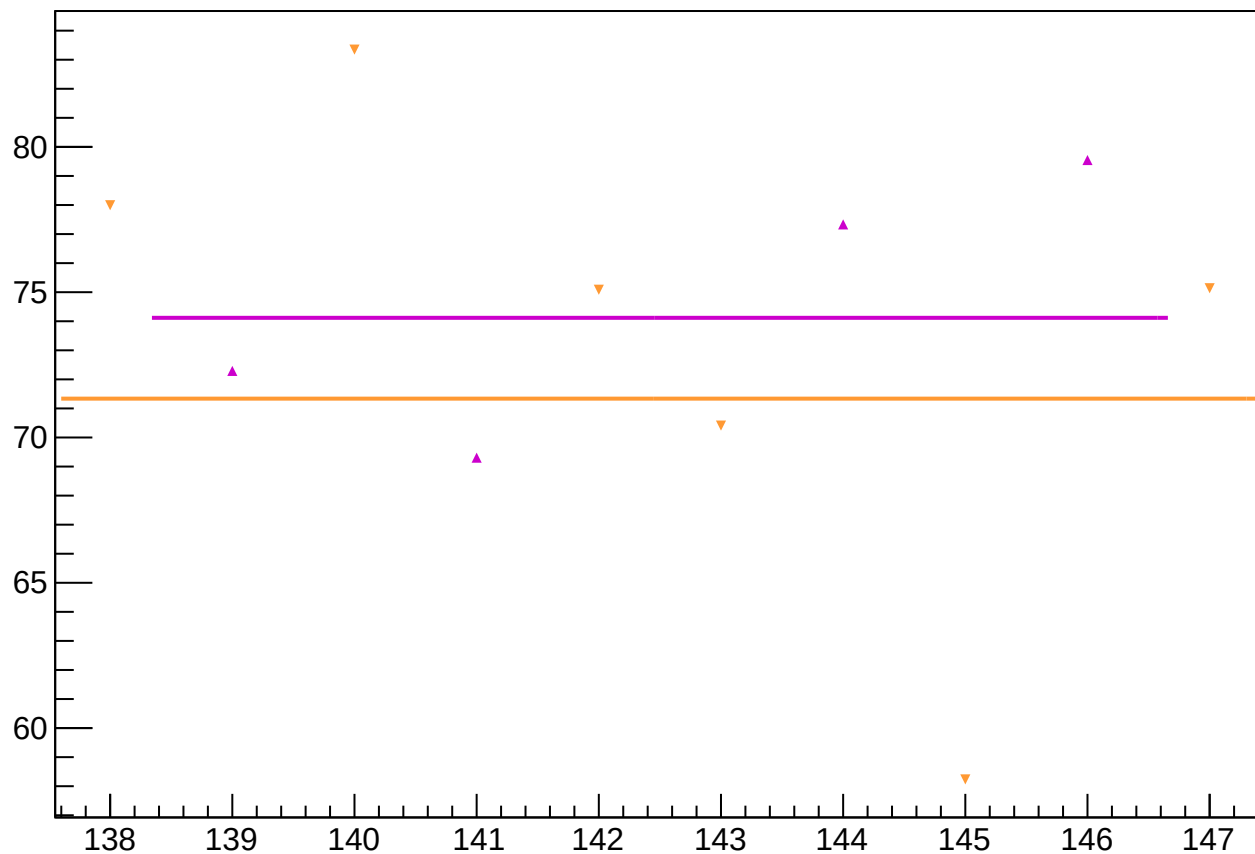
Left In: -16.633 $\pm$ 41.258 χ^2 /NDF:1.1/3

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

All: 29.672 $\pm$ 26.922 χ^2 /NDF: 5.0/9

- 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: 71.337+/-0.025 χ^2/NDF :122936.8/5

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

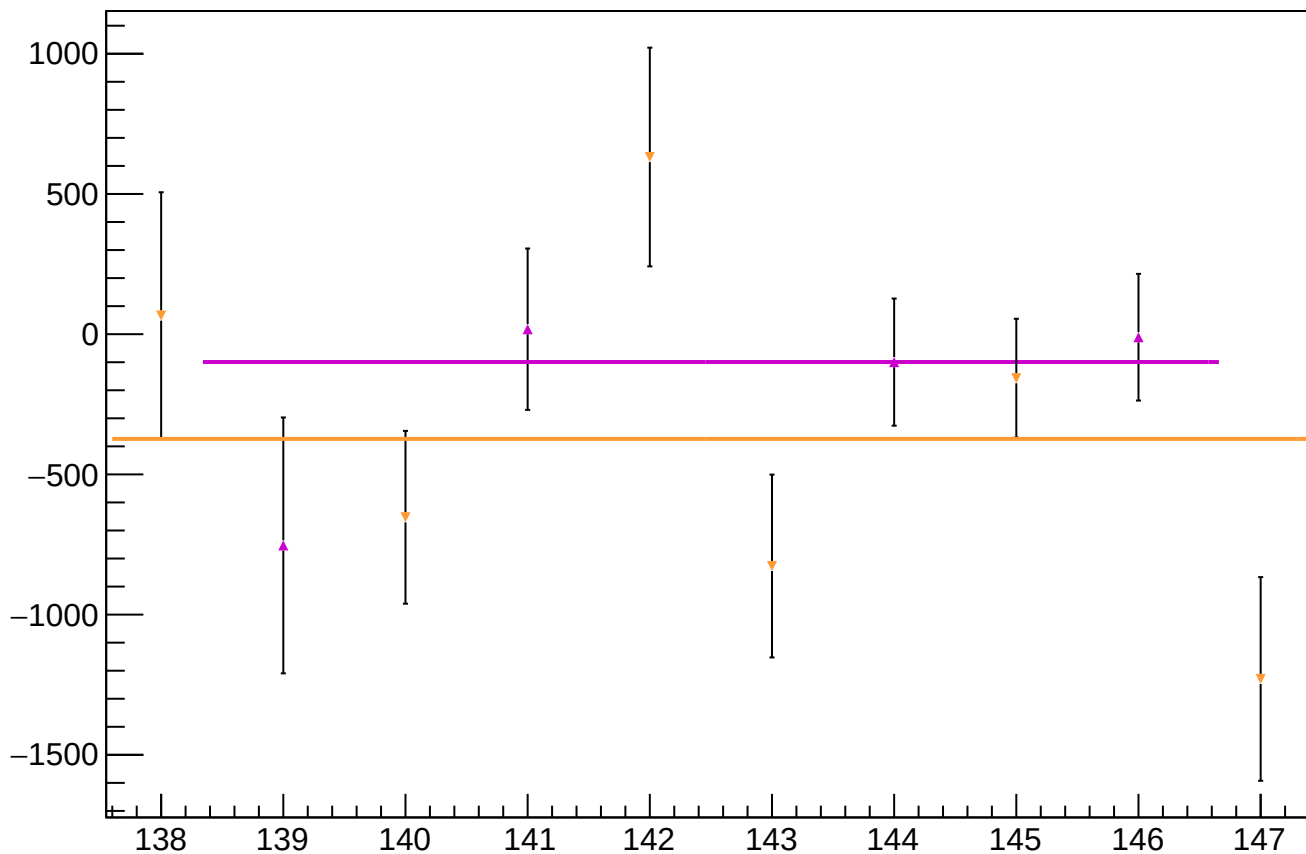
Left In: 74.118+/-0.029 χ^2/NDF :19181.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.521+/-0.019 χ^2/NDF : 147336.2/9

- 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: -373.427+/-127.482 χ^2/NDF : 17.0/5

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

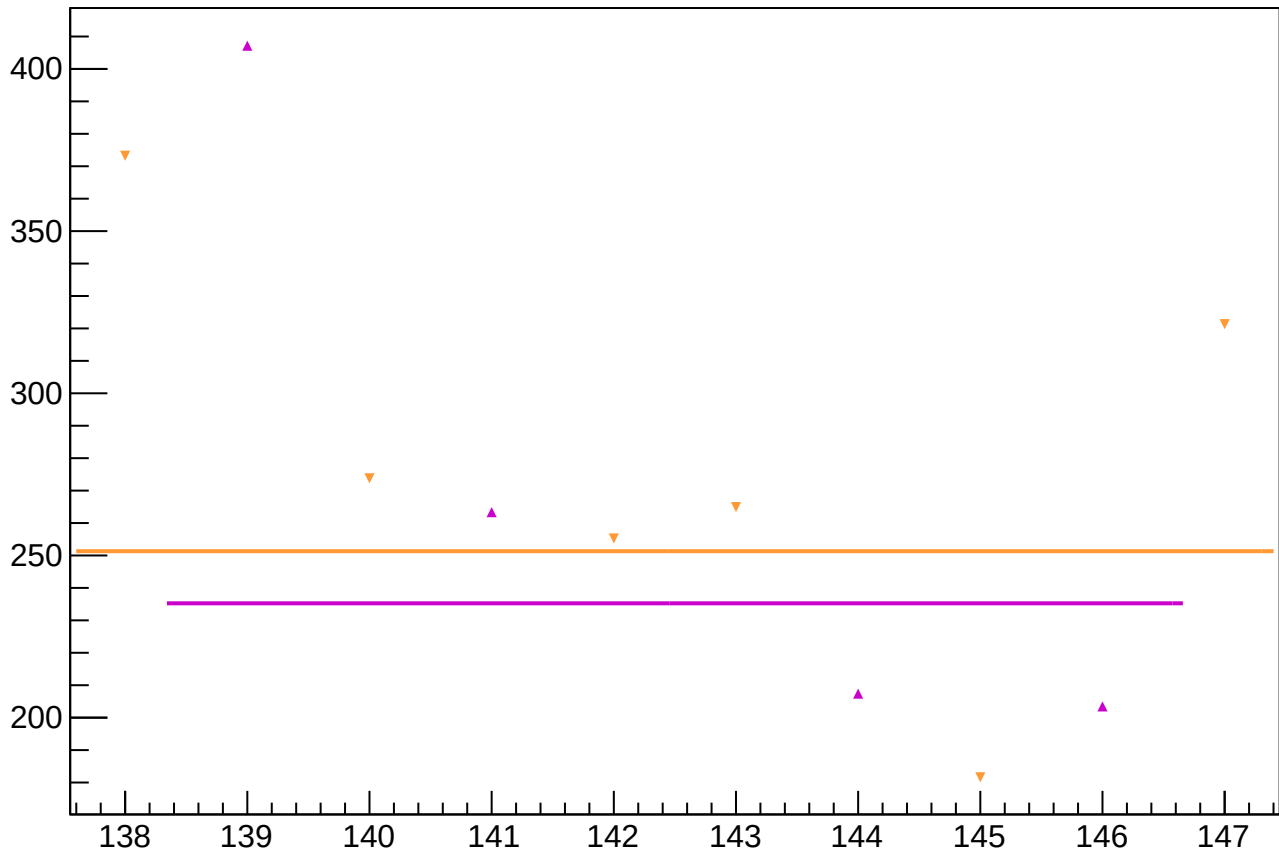
Left In: -99.256+/-133.690 χ^2/NDF : 2.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -242.855+/-92.260 χ^2/NDF : 21.6/9

- 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: 251.319+/-0.090 χ^2/NDF : 458712.4/5

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

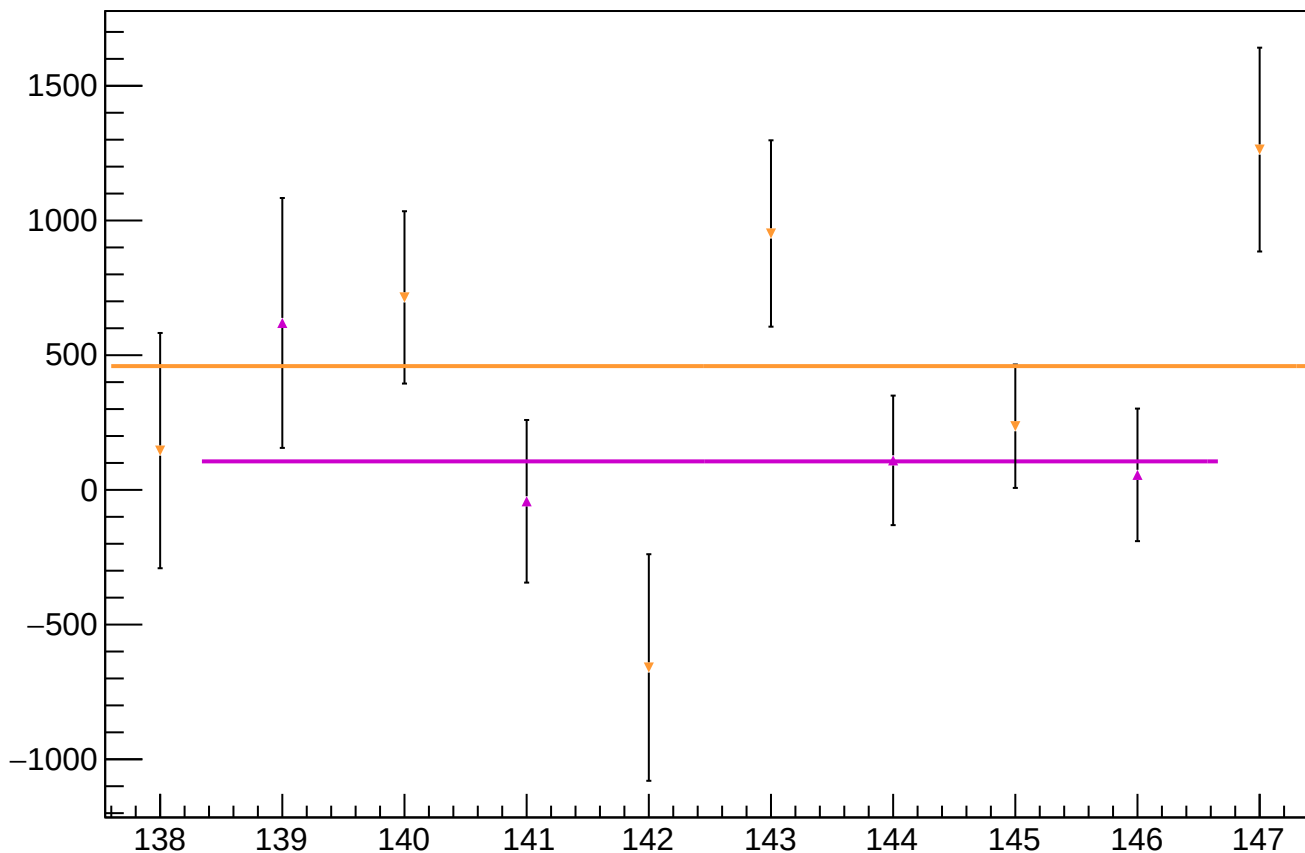
Left In: 235.253+/-0.095 χ^2/NDF : 372811.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.667+/-0.065 χ^2/NDF : 846652.1/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



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

Left Out: 459.492 $\pm$ 134.755 χ^2 /NDF:15.7/5

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

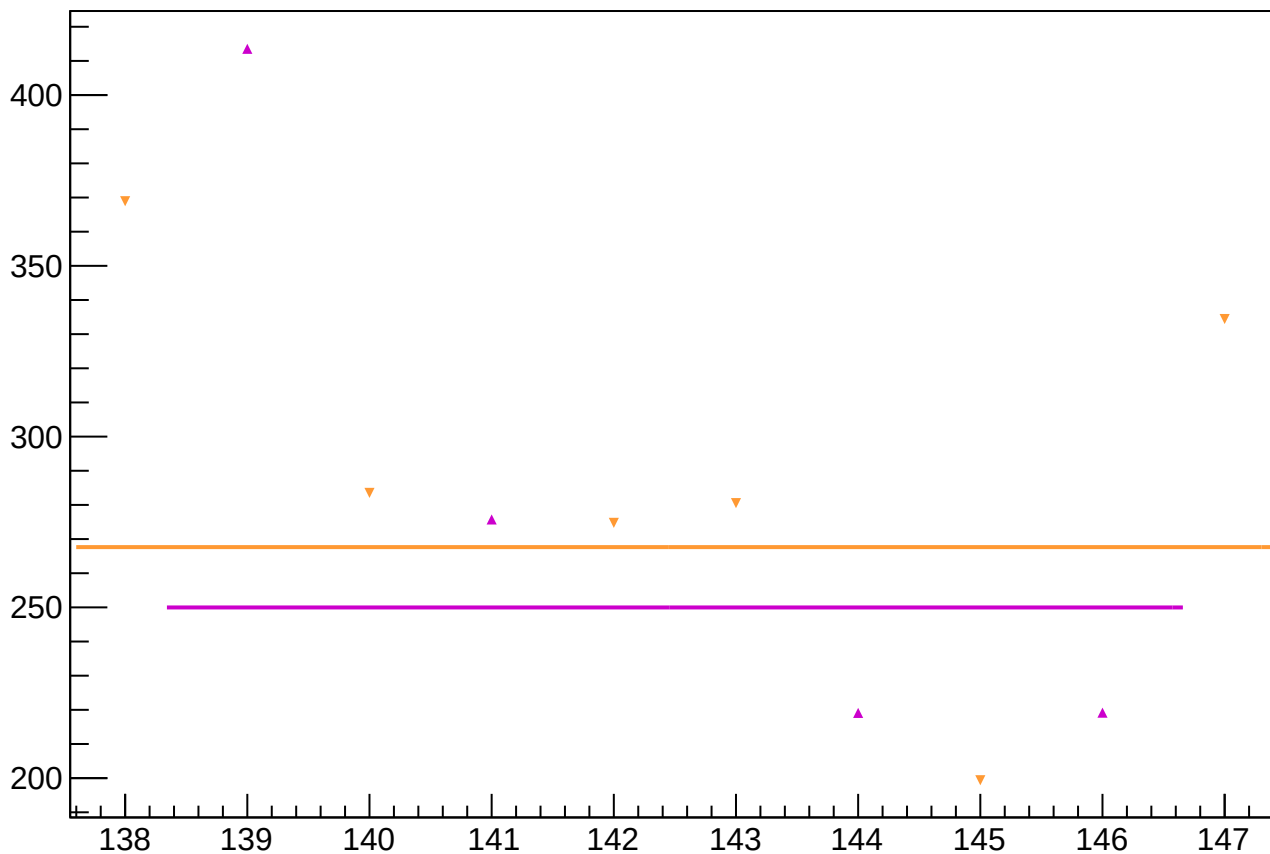
Left In: 105.829 $\pm$ 142.213 χ^2 /NDF:1.5/3

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

All: 292.176 $\pm$ 97.817 χ^2 /NDF: 20.5/9

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

asym_sam_1526_avg_rms vs Slug



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

Left Out: 267.644+/-0.095 χ^2/NDF : 355727.4/5

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

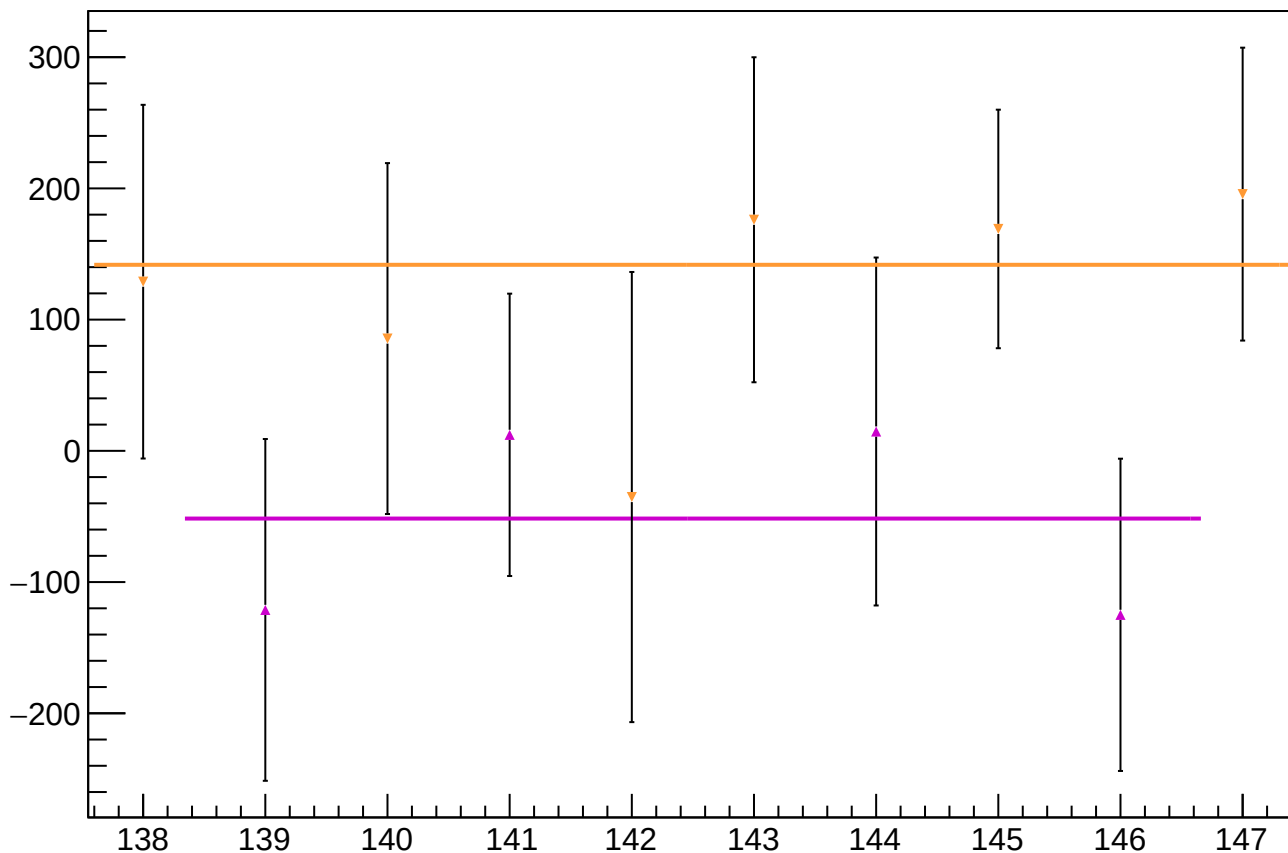
Left In: 249.977+/-0.101 χ^2/NDF : 327614.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.286+/-0.069 χ^2/NDF : 699604.8/9

- 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: 141.779+/-49.295 χ^2/NDF : 1.7/5

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

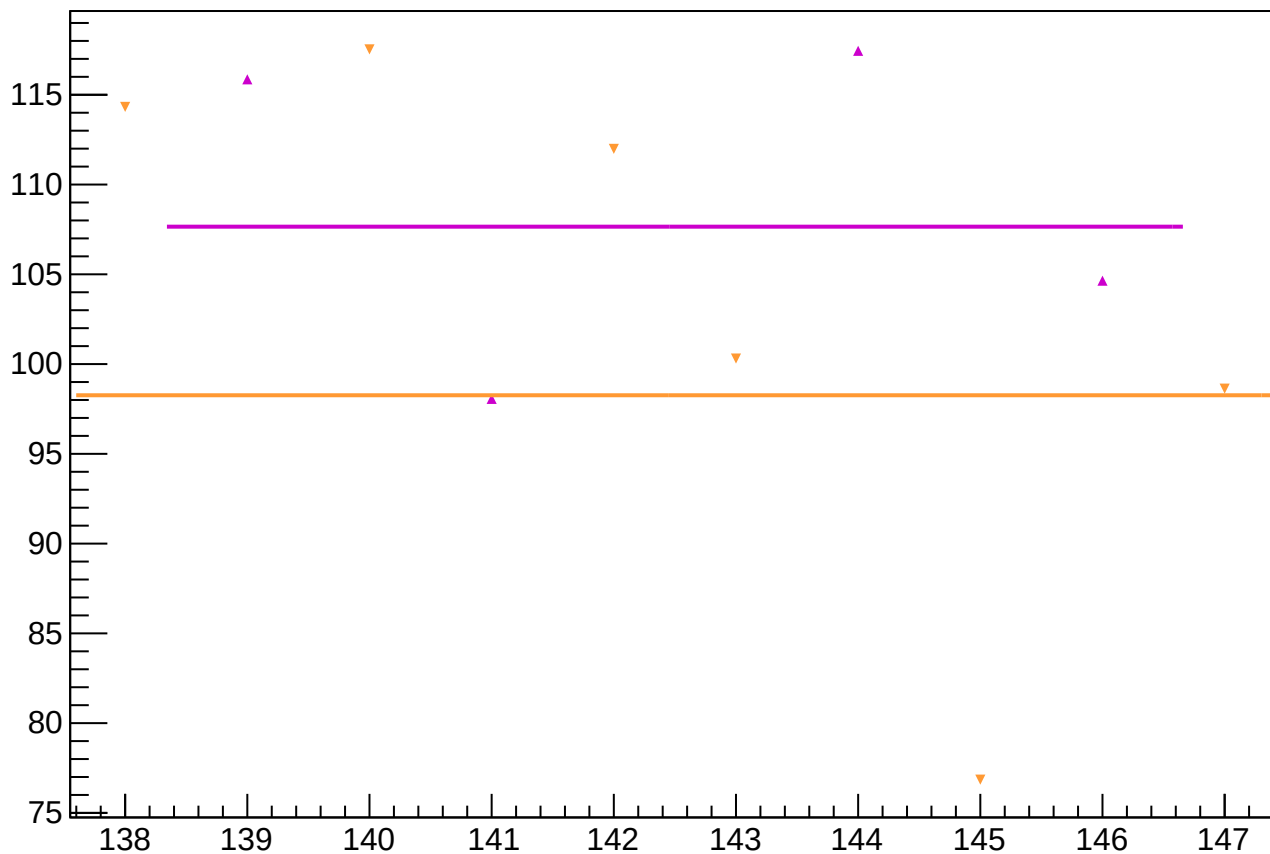
Left In: -51.603+/-60.535 χ^2/NDF : 1.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.674+/-38.225 χ^2/NDF : 9.1/9

- 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: 98.263+/-0.035 χ^2/NDF :194284.5/5

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

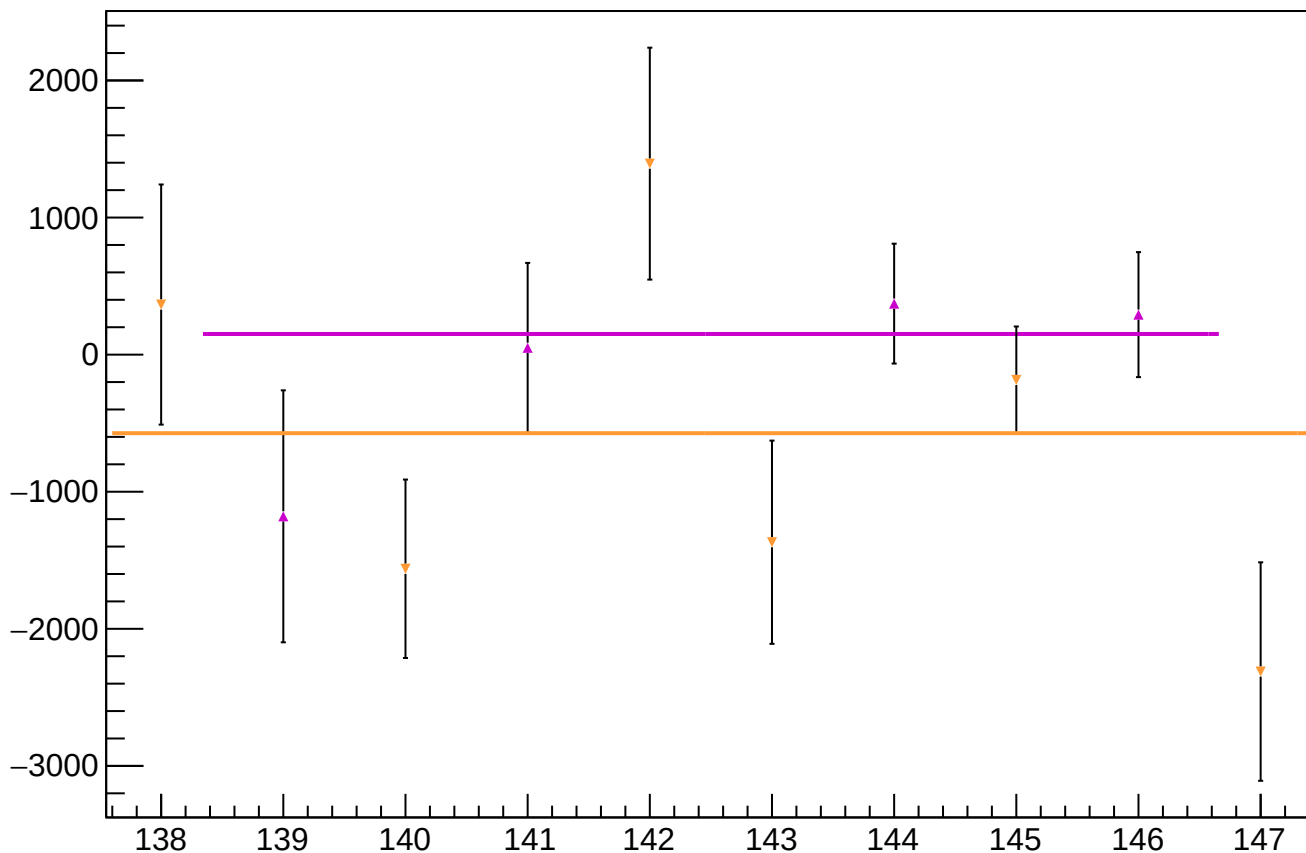
Left In: 107.654+/-0.043 χ^2/NDF :36039.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.007+/-0.027 χ^2/NDF : 259262.6/9

- 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: -572.884+/-257.961 χ^2/NDF : 15.8/5

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

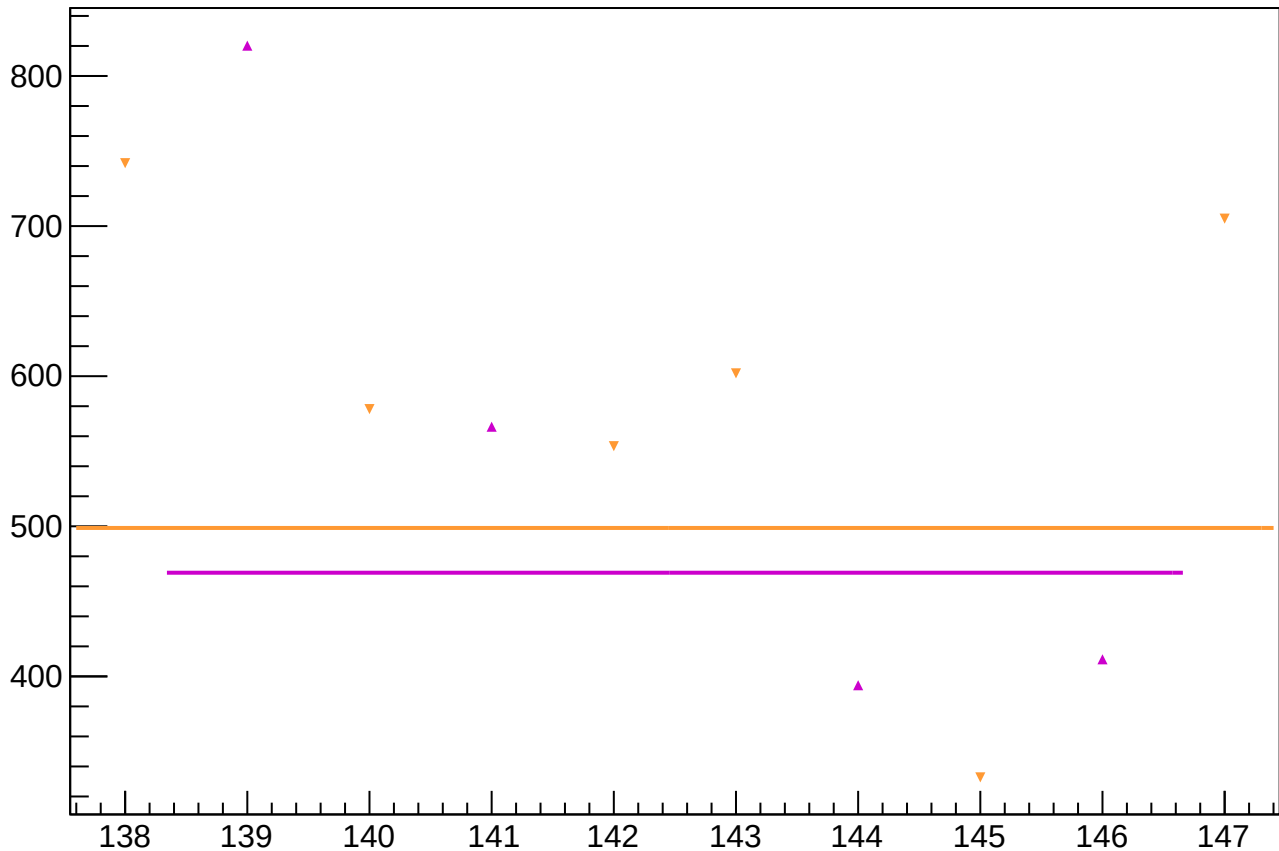
Left In: 150.723+/-268.843 χ^2/NDF : 2.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.022+/-186.134 χ^2/NDF : 22.0/9

- 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: 498.896+/-0.182 χ^2/NDF : 727094.7/5

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

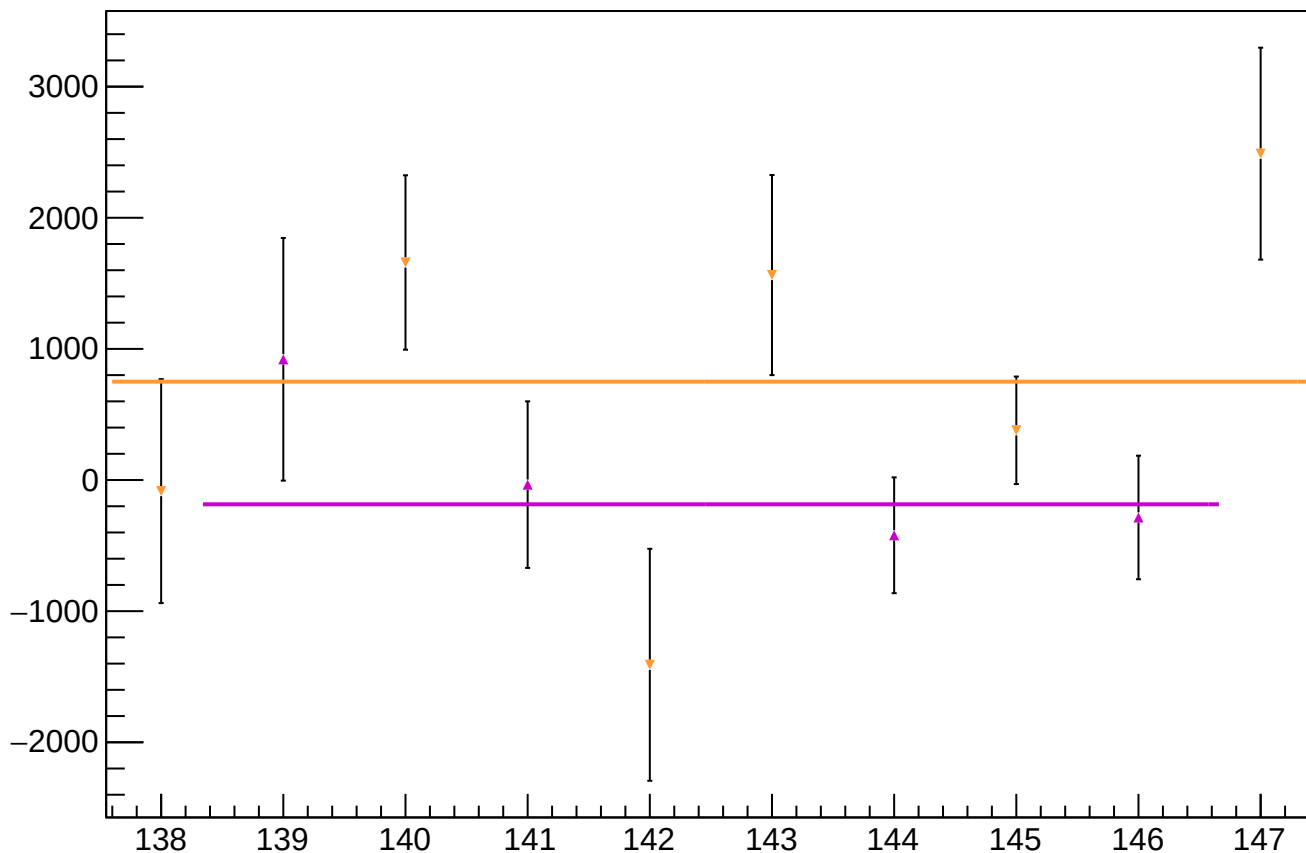
Left In: 469.071+/-0.190 χ^2/NDF : 432163.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.599+/-0.132 χ^2/NDF : 1172073.0/9

- 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: 750.365+/-266.255 χ^2/NDF :15.4/5

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

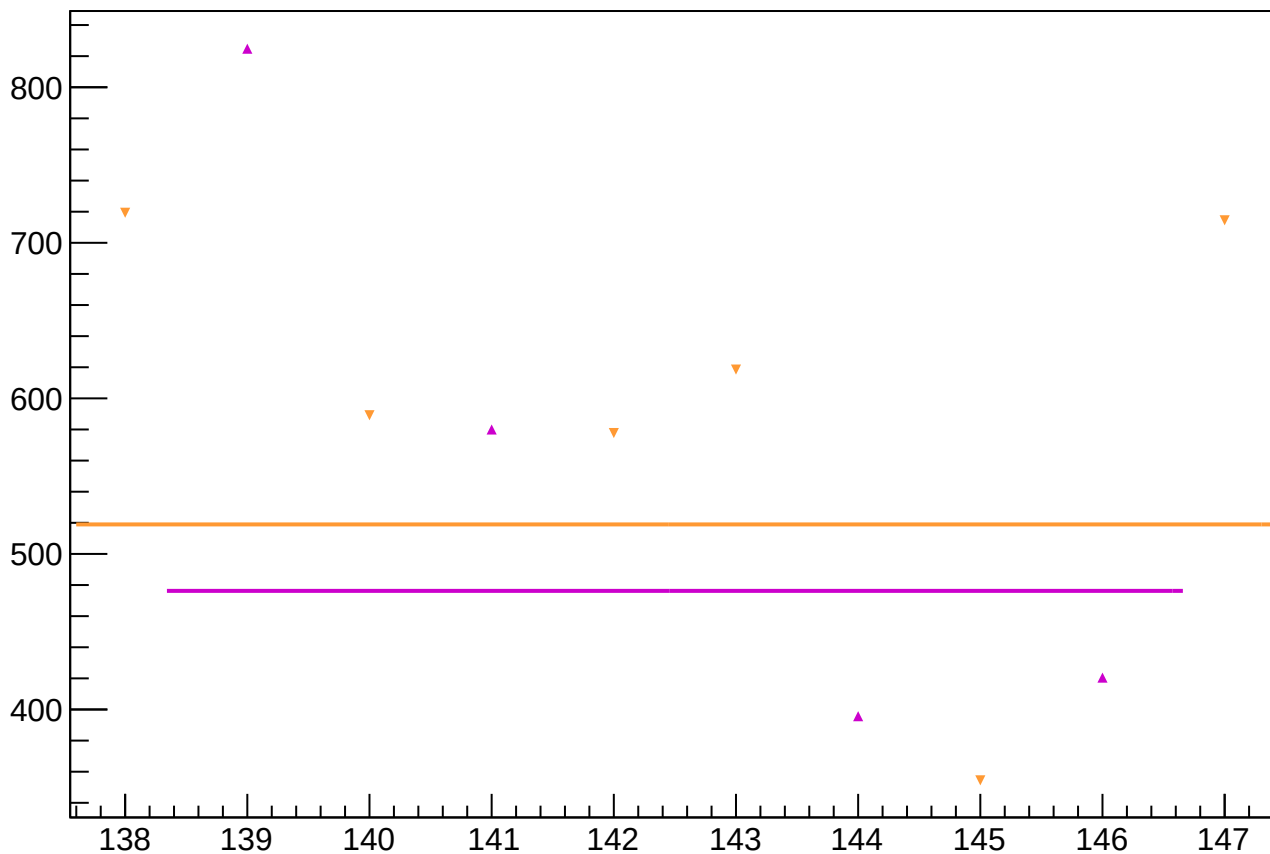
Left In: -185.102+/-274.433 χ^2/NDF :1.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.777+/-191.096 χ^2/NDF : 23.2/9

- 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: 518.970+/-0.188 χ^2/NDF : 614213.5/5

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

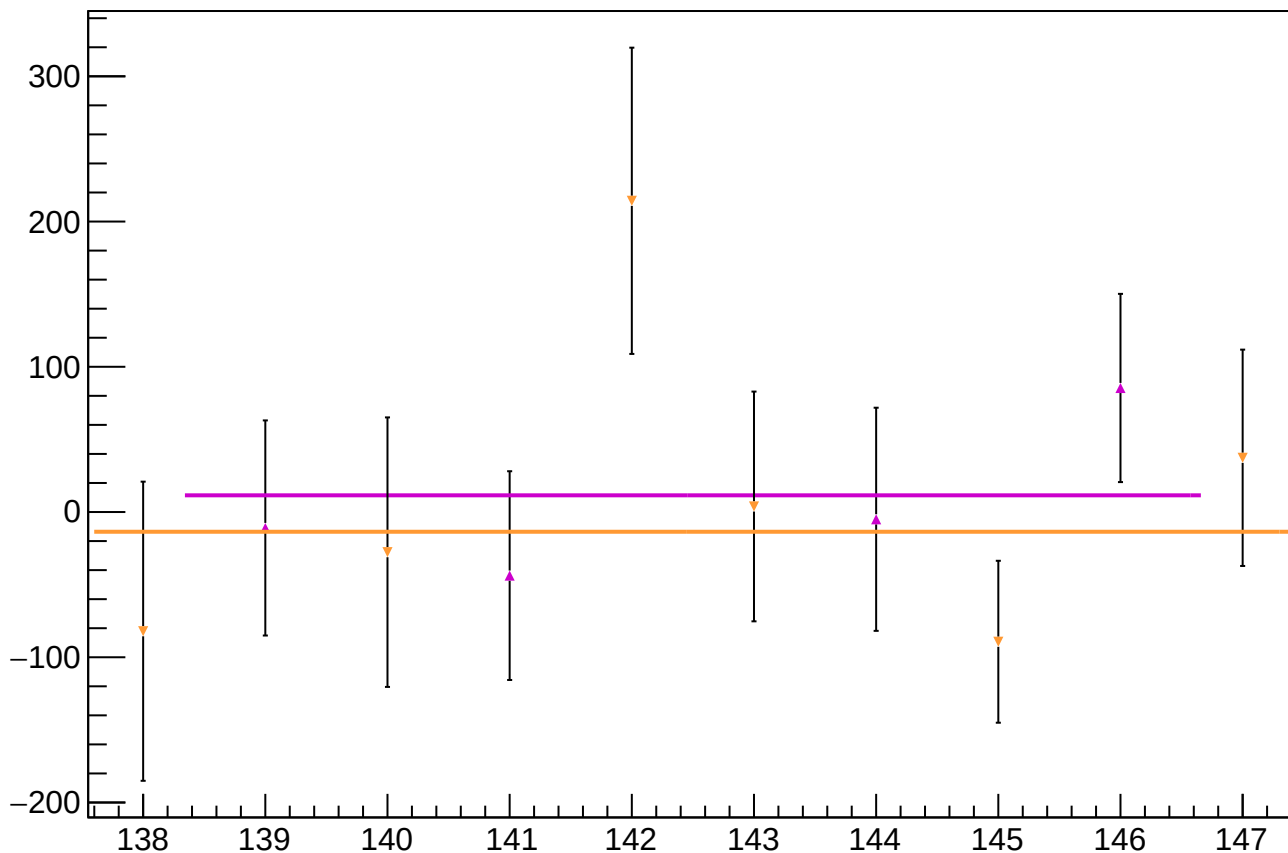
Left In: 476.248+/-0.194 χ^2/NDF : 431701.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.255+/-0.135 χ^2/NDF : 1070881.8/9

- 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: -13.581 $\pm$ 32.236 χ^2 /NDF:7.5/5

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

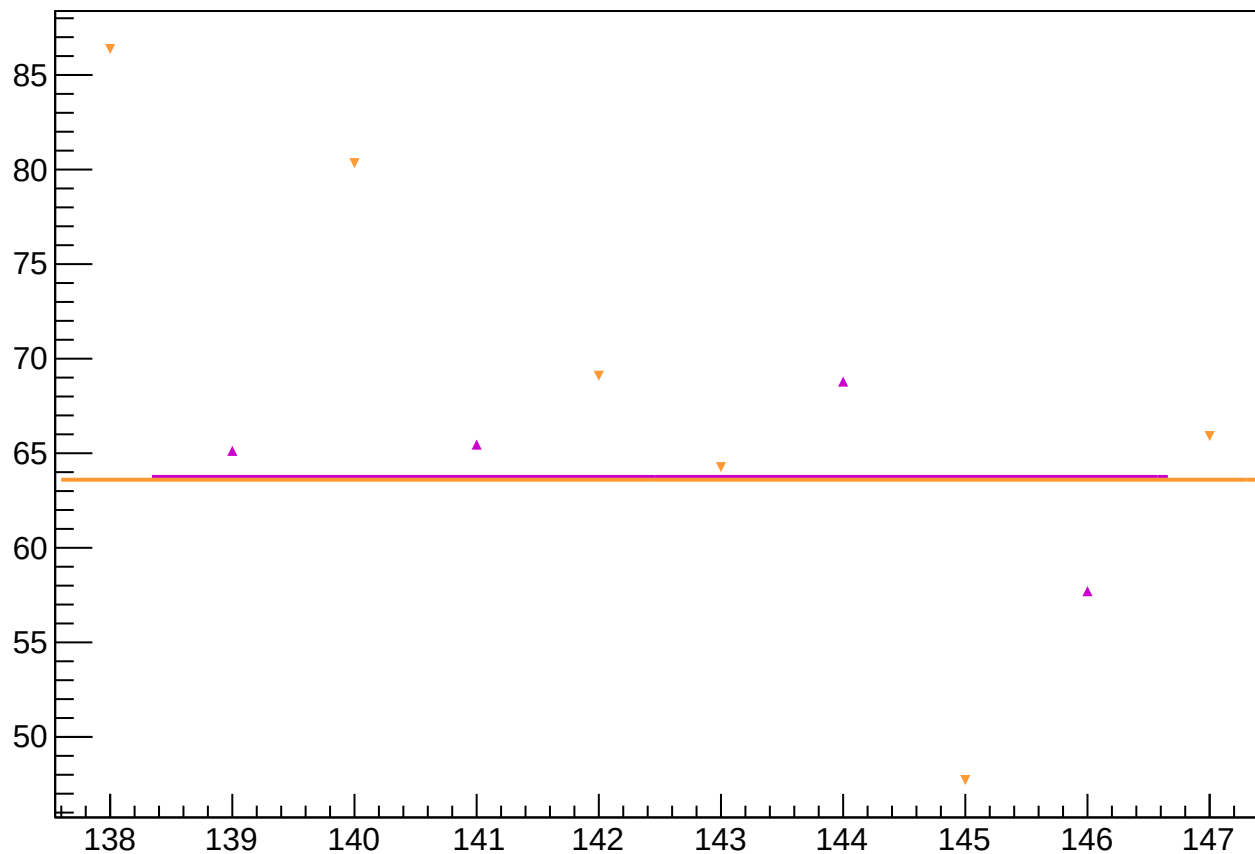
Left In: 11.502 $\pm$ 35.723 χ^2 /NDF:2.0/3

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

All: -2.323 $\pm$ 23.933 χ^2 /NDF: 9.8/9

- 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: 63.599+/-0.023 χ^2/NDF : 332639.5/5

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

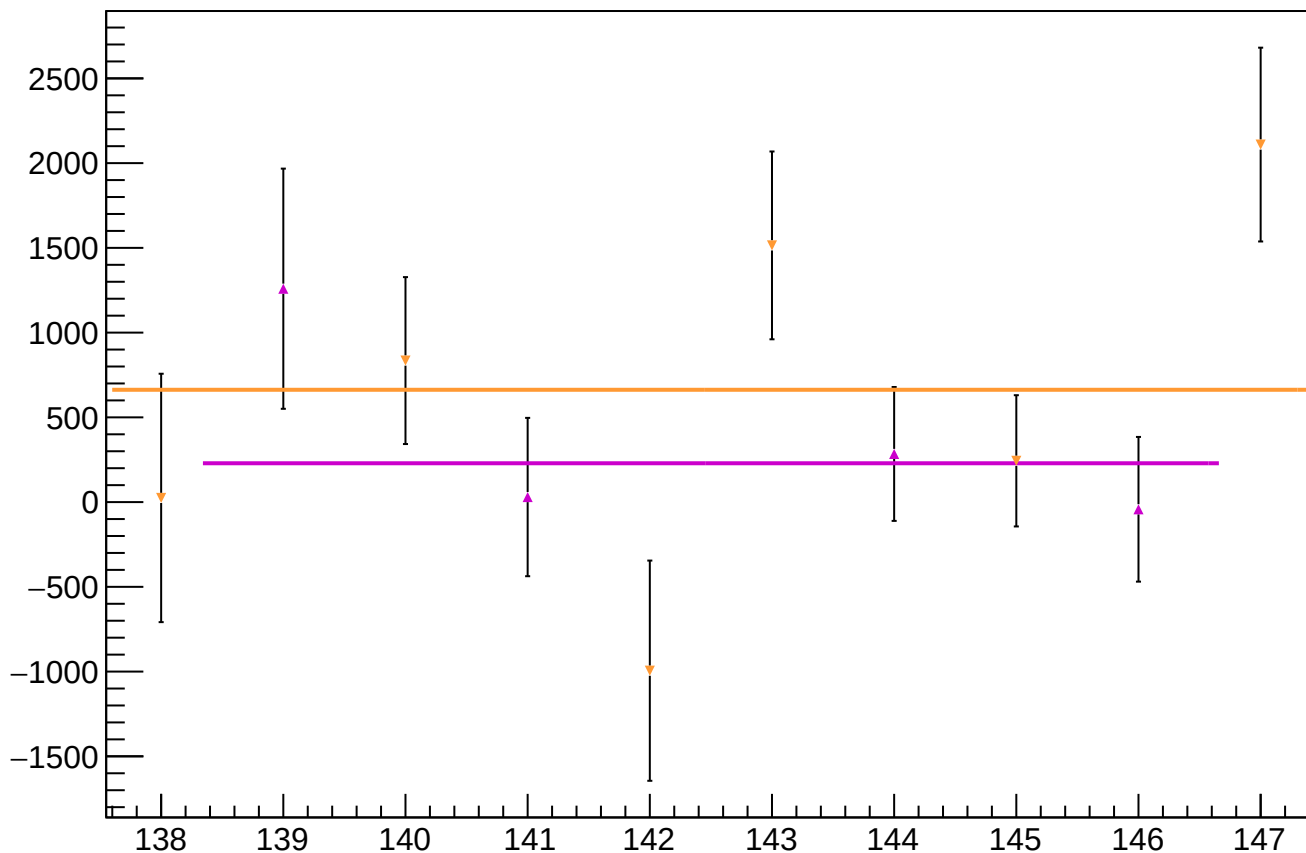
Left In: 63.746+/-0.025 χ^2/NDF : 27819.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.665+/-0.017 χ^2/NDF : 360477.5/9

- 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: 662.704+/-216.463 χ^2/NDF :17.3/5

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

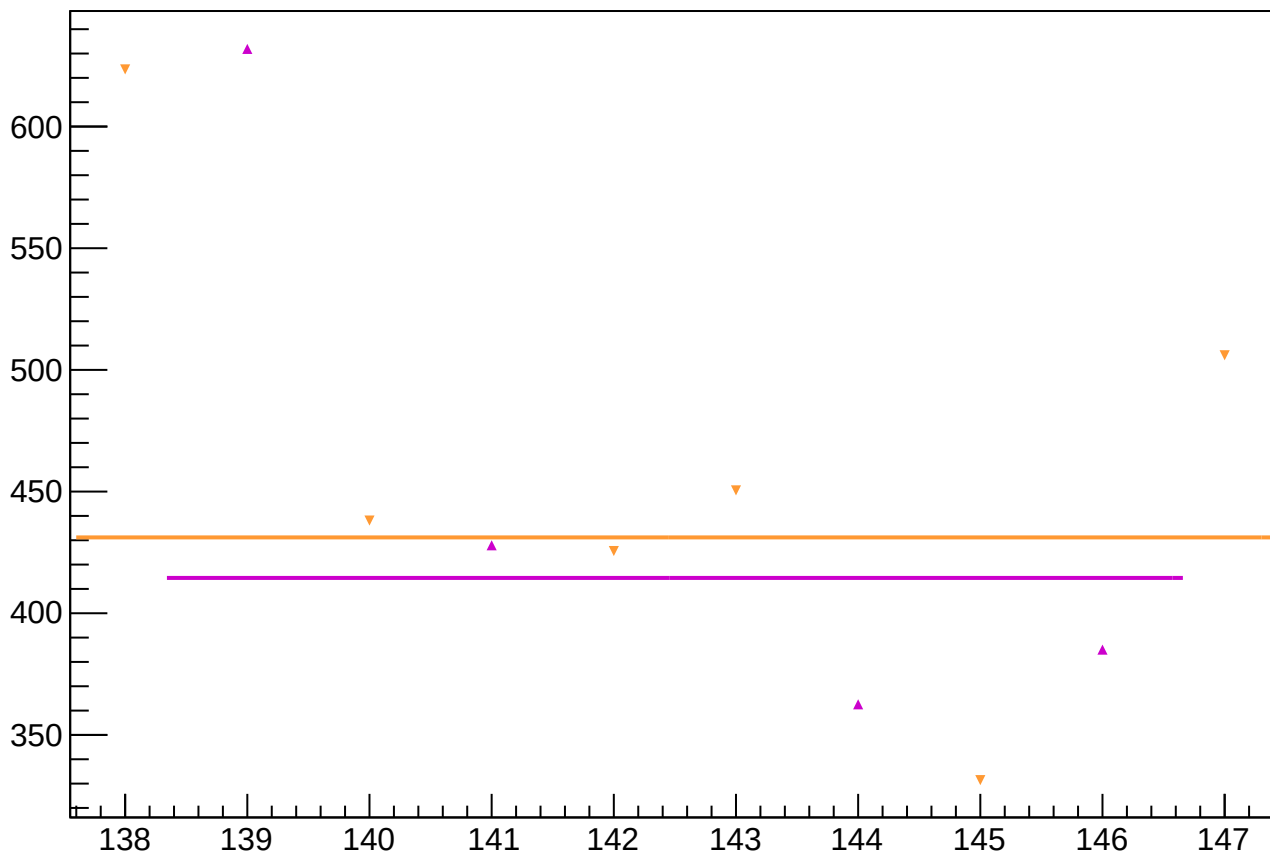
Left In: 229.140+/-232.686 χ^2/NDF :2.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.562+/-158.488 χ^2/NDF : 21.9/9

- 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: 431.167+/-0.153 χ^2/NDF : 307725.2/5

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

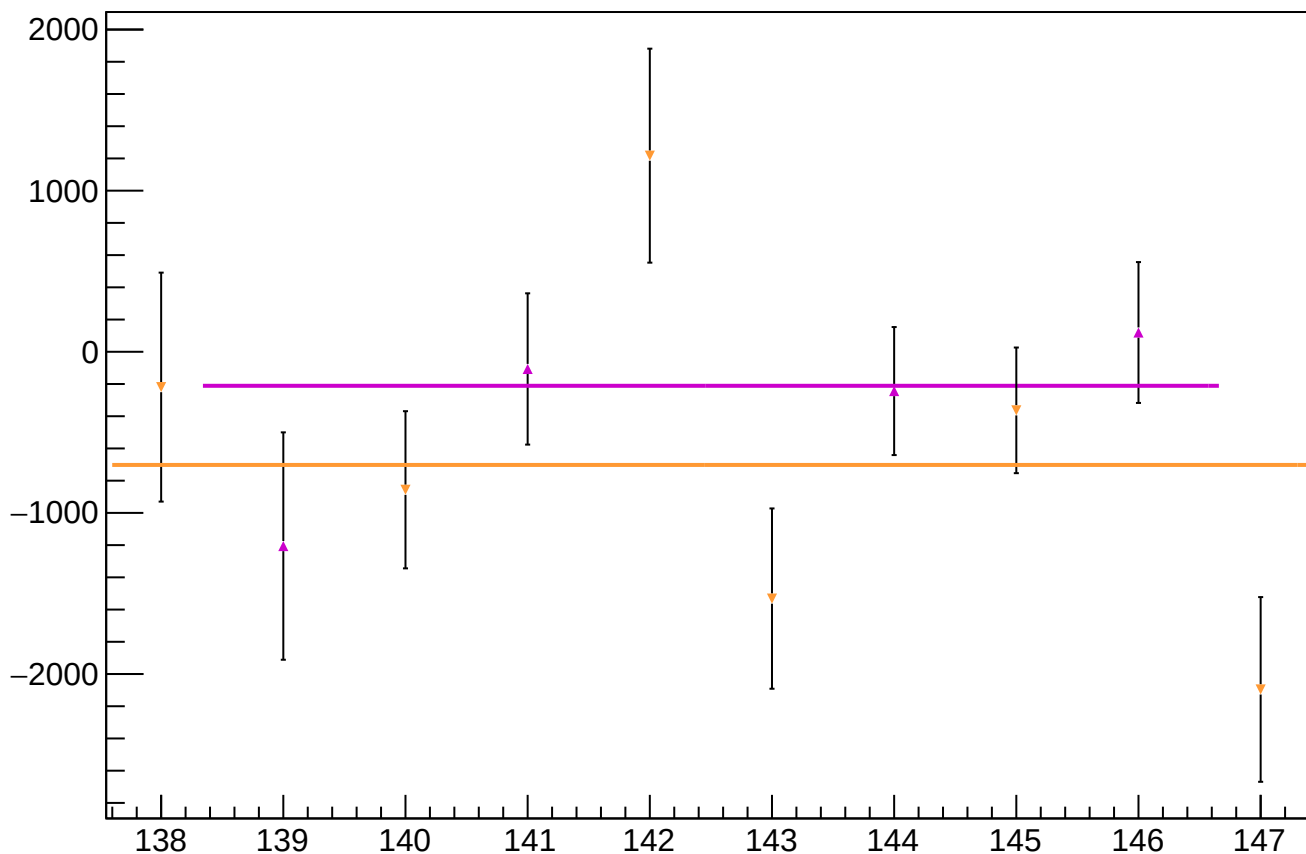
Left In: 414.517+/-0.165 χ^2/NDF : 233990.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.442+/-0.112 χ^2/NDF : 547205.8/9

- 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: -702.316+/-216.849 χ^2/NDF :17.8/5

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

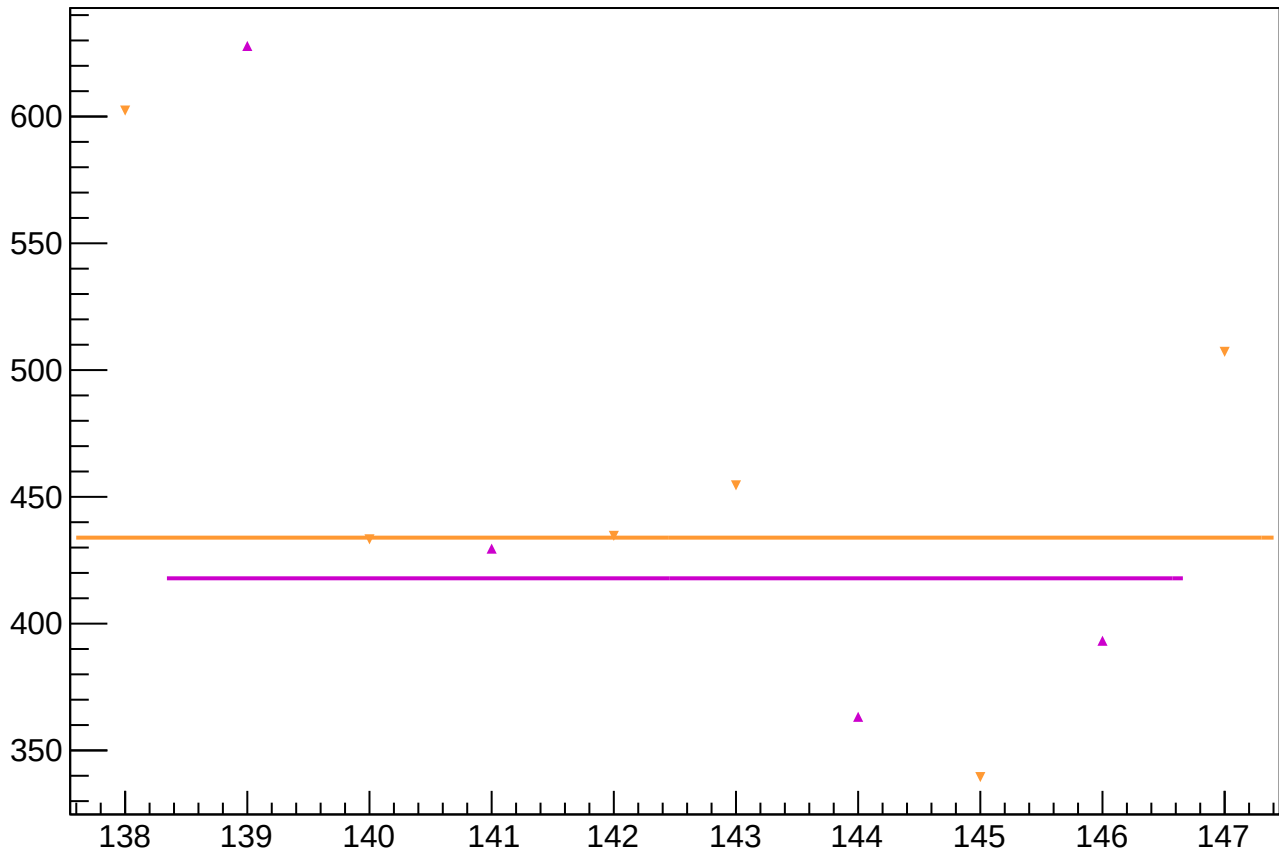
Left In: -211.095+/-234.962 χ^2/NDF :2.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.367+/-159.355 χ^2/NDF : 22.8/9

- 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: 433.915+/-0.153 χ^2/NDF : 265109.6/5

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

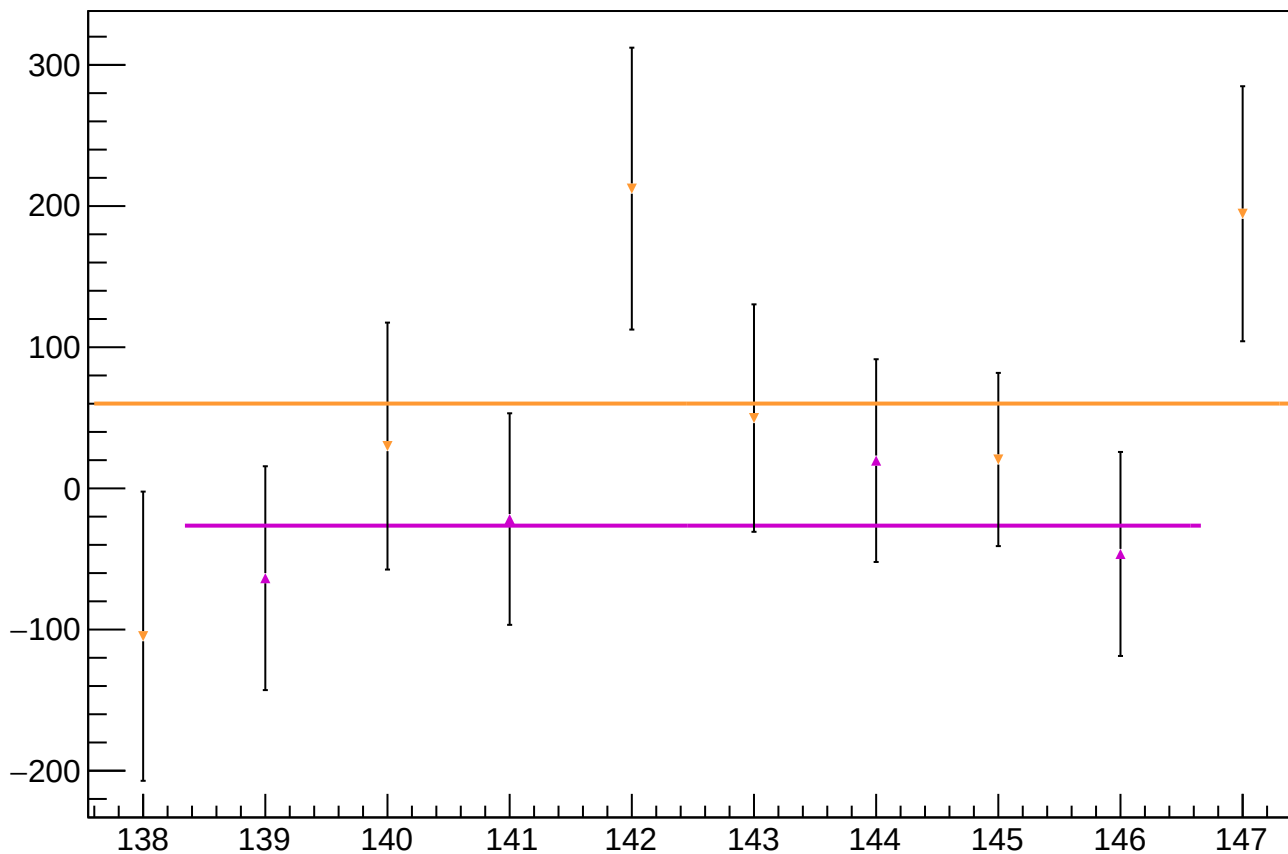
Left In: 417.875+/-0.166 χ^2/NDF : 222461.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.537+/-0.113 χ^2/NDF : 492604.9/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 60.092+/-33.931 χ^2/NDF : 7.7/5

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

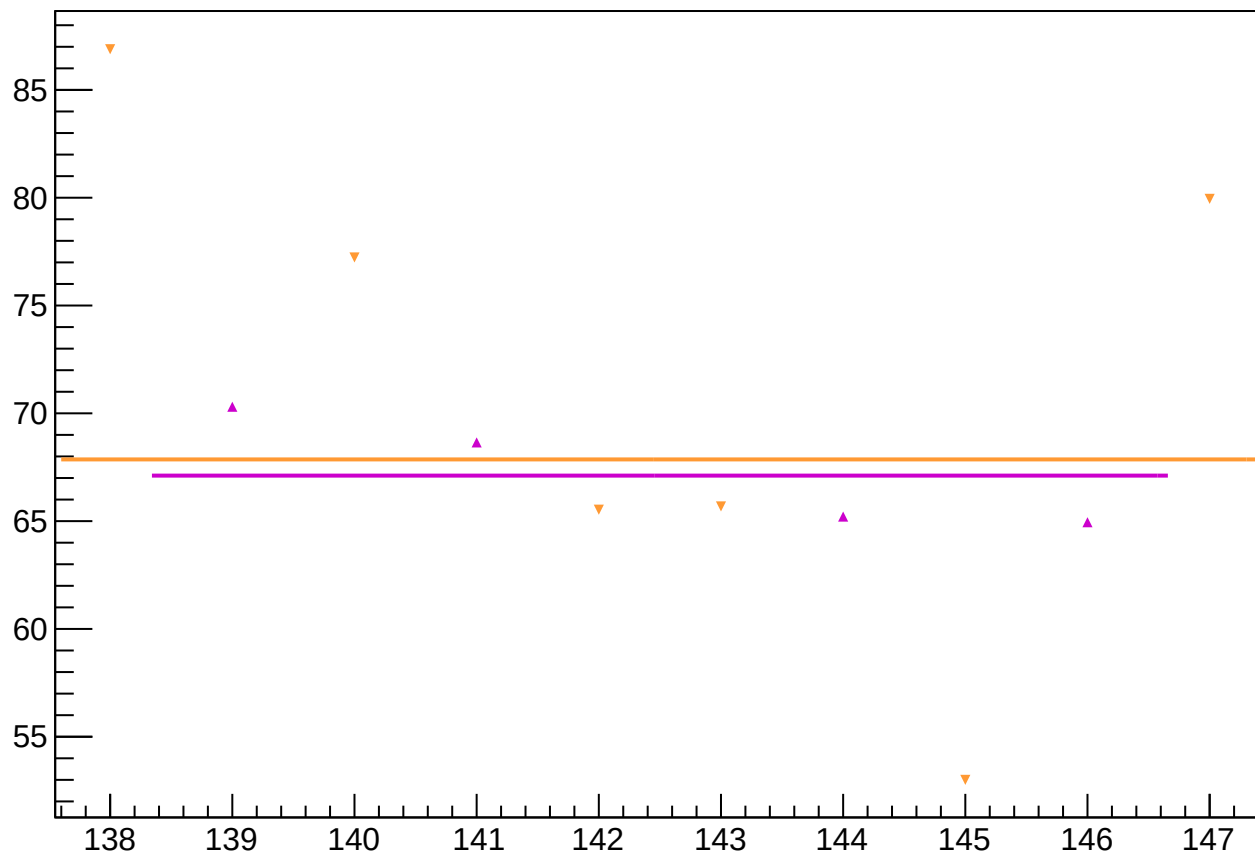
Left In: -26.382+/-37.201 χ^2/NDF : 0.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.822+/-25.069 χ^2/NDF : 11.3/9

- sign 0.000+/-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: 67.863+/-0.024 χ^2/NDF : 247636.0/5

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

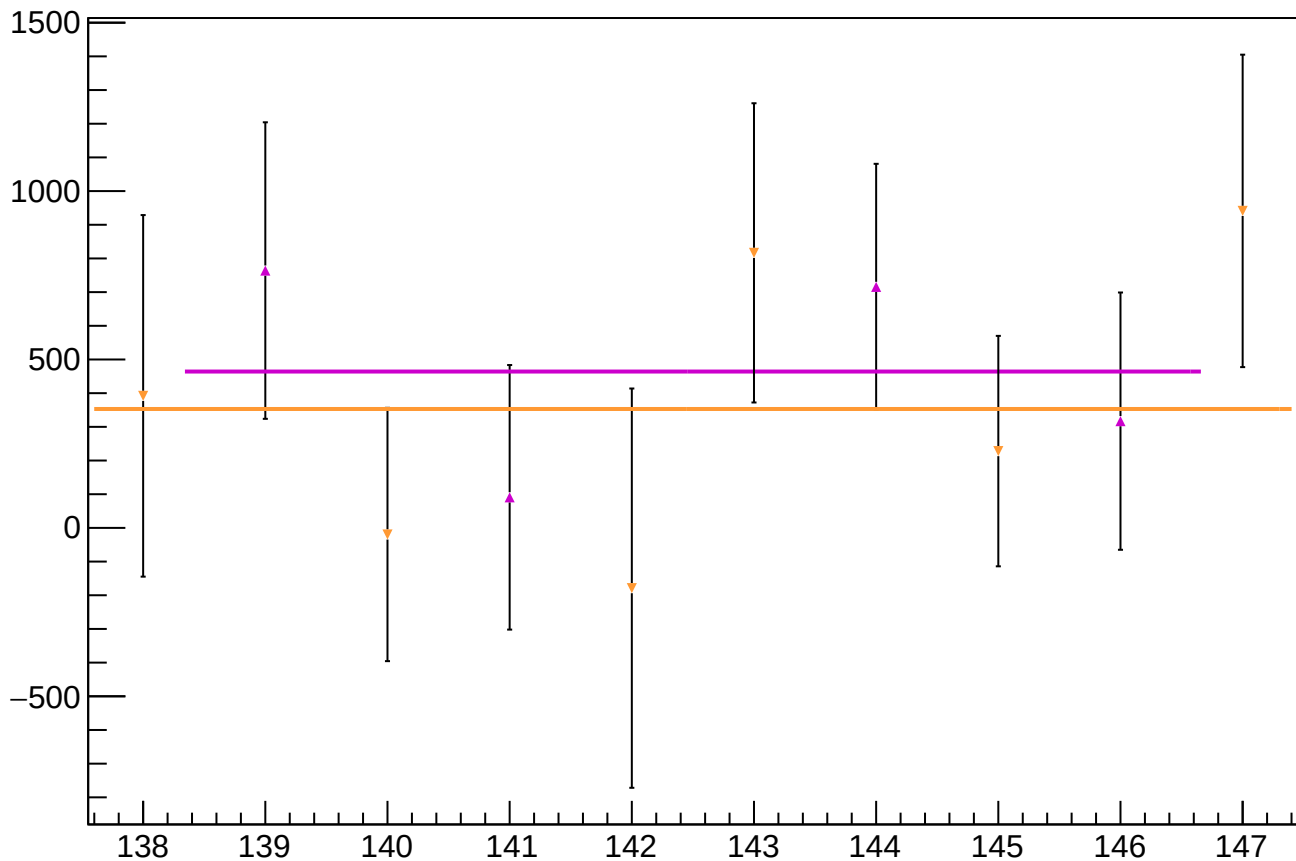
Left In: 67.111+/-0.026 χ^2/NDF : 7282.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.521+/-0.018 χ^2/NDF : 255363.7/9

- 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: 353.060+/-177.758 χ^2/NDF : 4.6/5

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

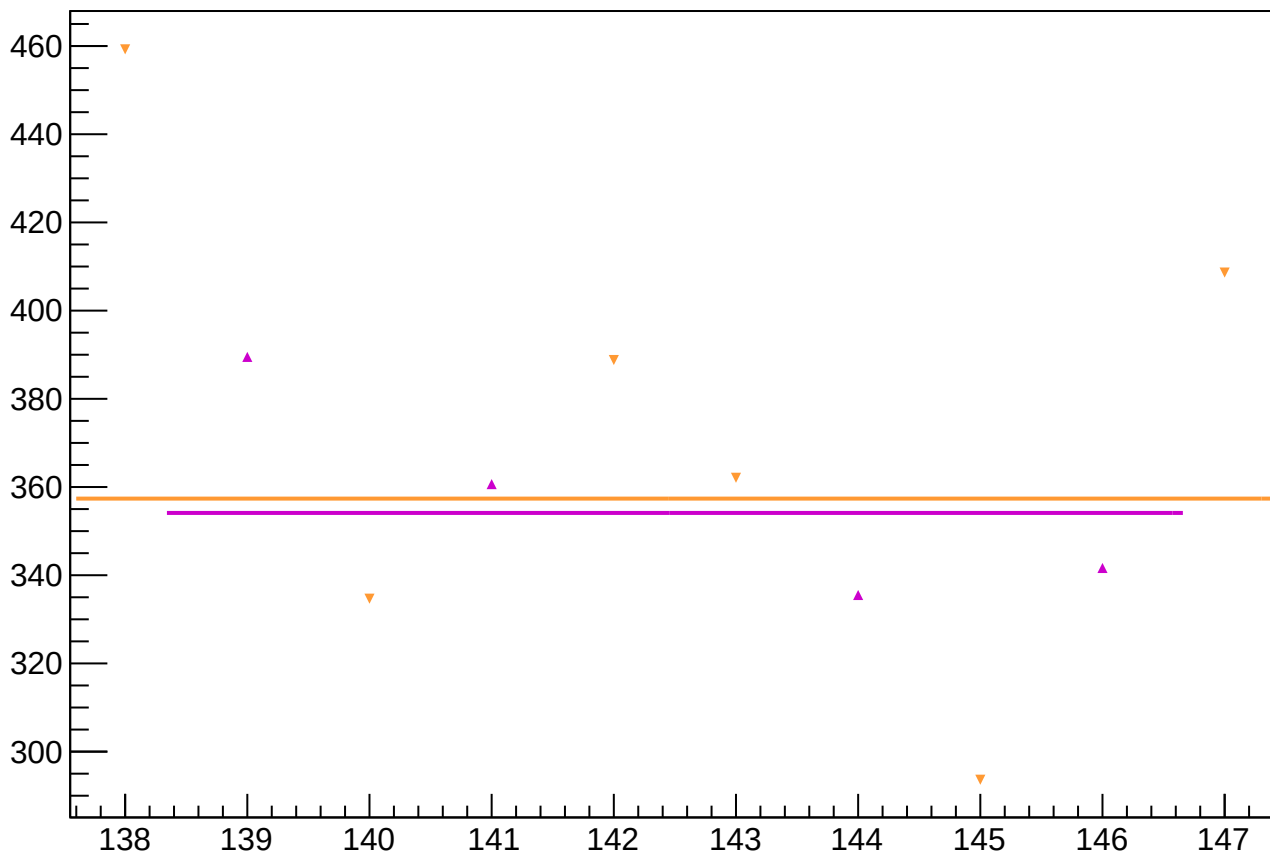
Left In: 464.226+/-196.157 χ^2/NDF : 2.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.186+/-131.720 χ^2/NDF : 6.8/9

- 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: 357.374+/-0.126 χ^2/NDF :179039.7/5

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

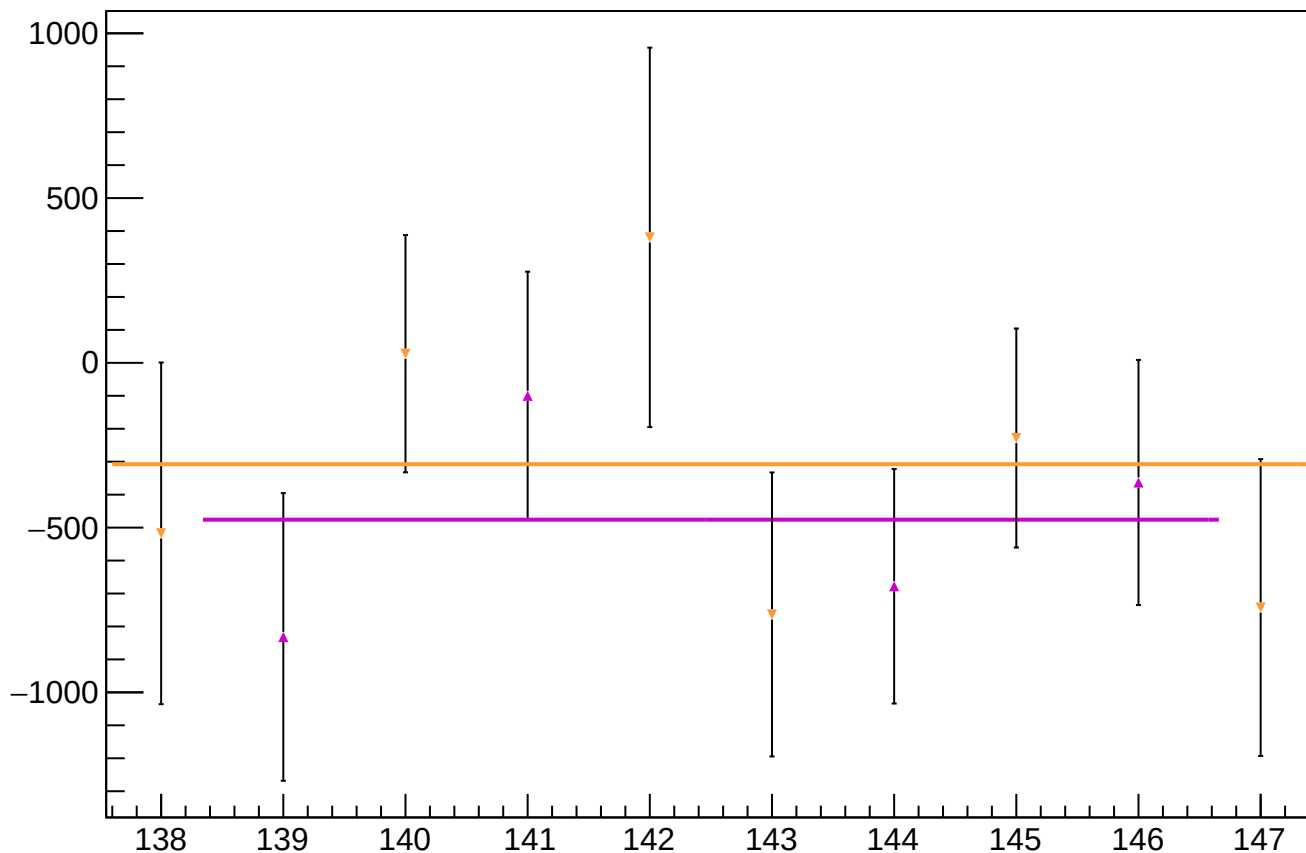
Left In: 354.125+/-0.139 χ^2/NDF :20798.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.909+/-0.093 χ^2/NDF : 200139.8/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -307.505+/-171.952 χ^2/NDF : 4.6/5

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

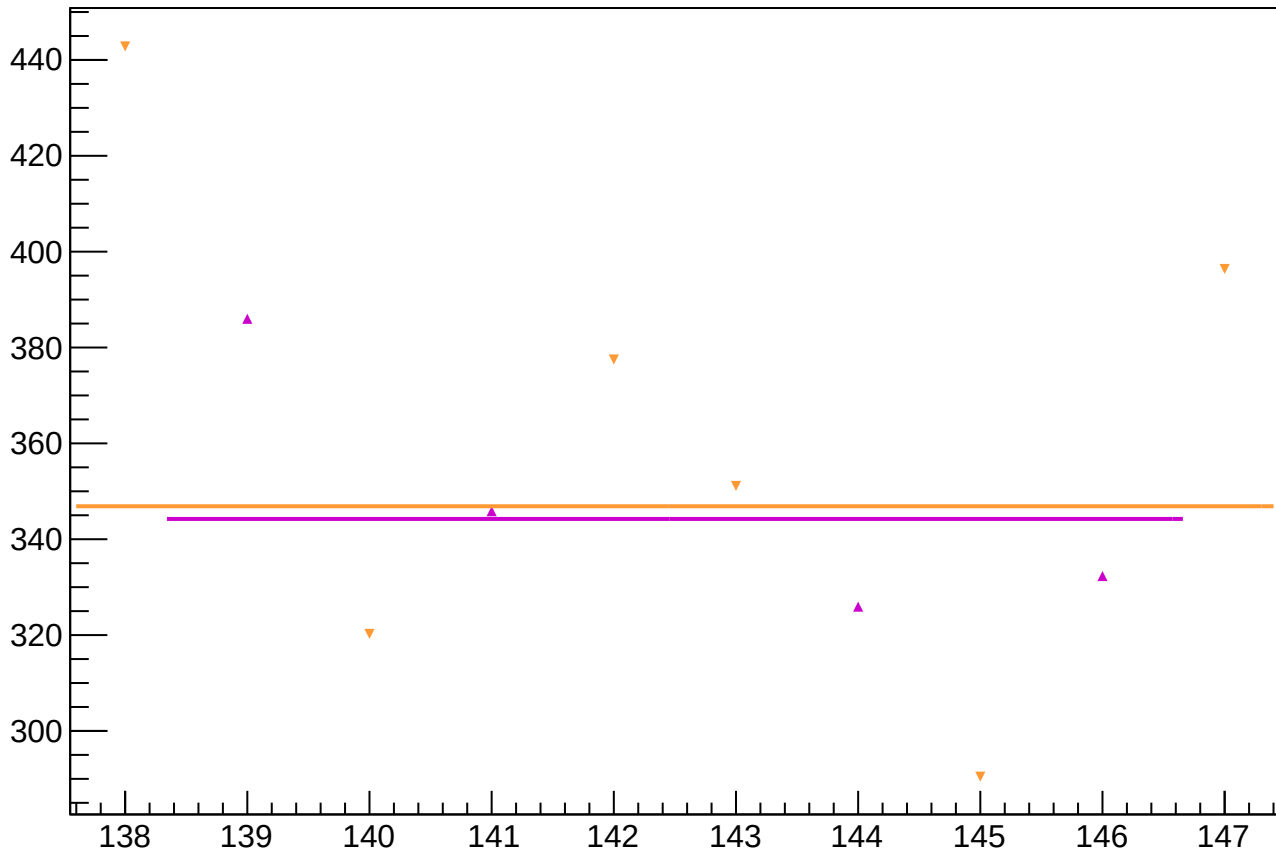
Left In: -475.855+/-190.993 χ^2/NDF : 2.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.872+/-127.791 χ^2/NDF : 7.1/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 346.877+/-0.122 χ^2/NDF : 167110.8/5

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

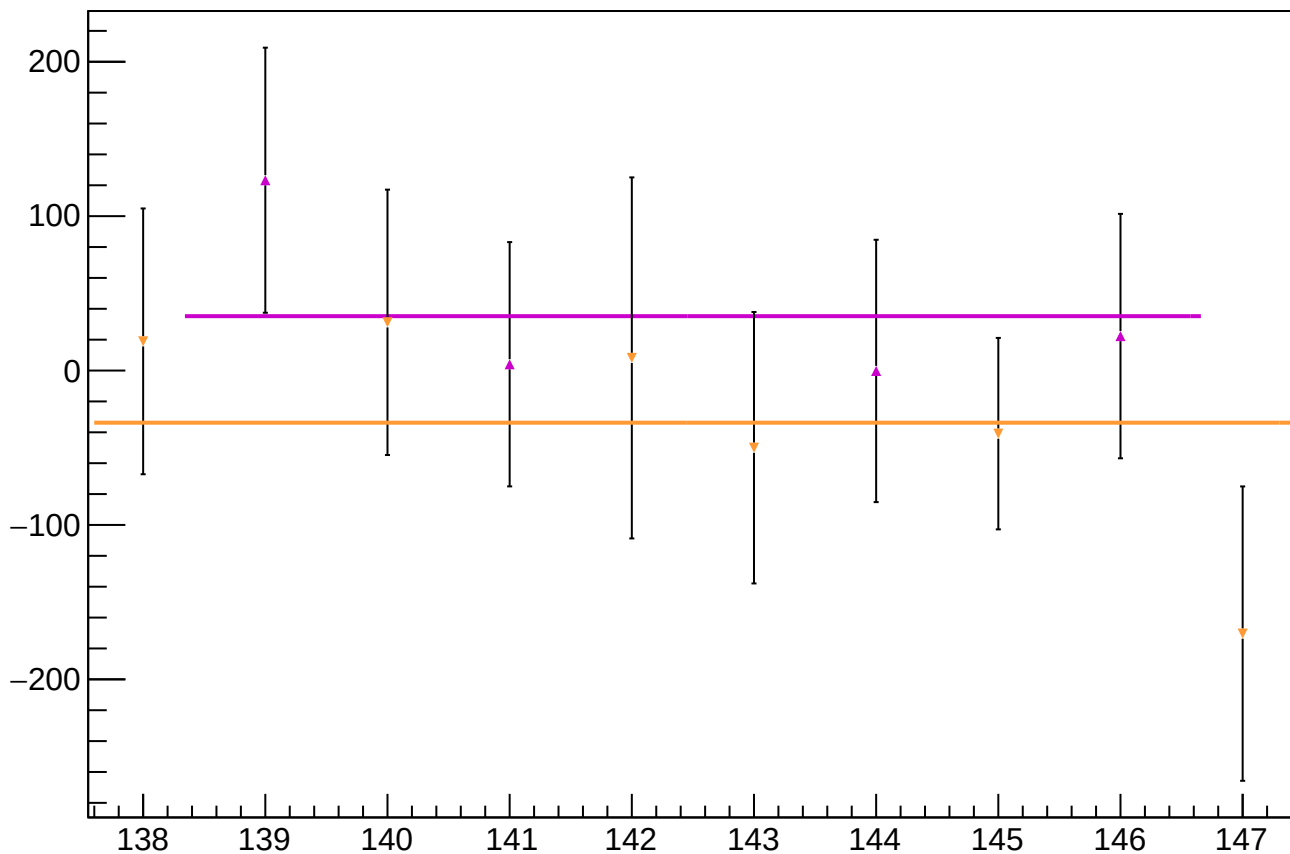
Left In: 344.235+/-0.135 χ^2/NDF : 25678.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.694+/-0.090 χ^2/NDF : 193000.6/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -33.766 $\pm$ 34.439 χ^2 /NDF:3.2/5

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

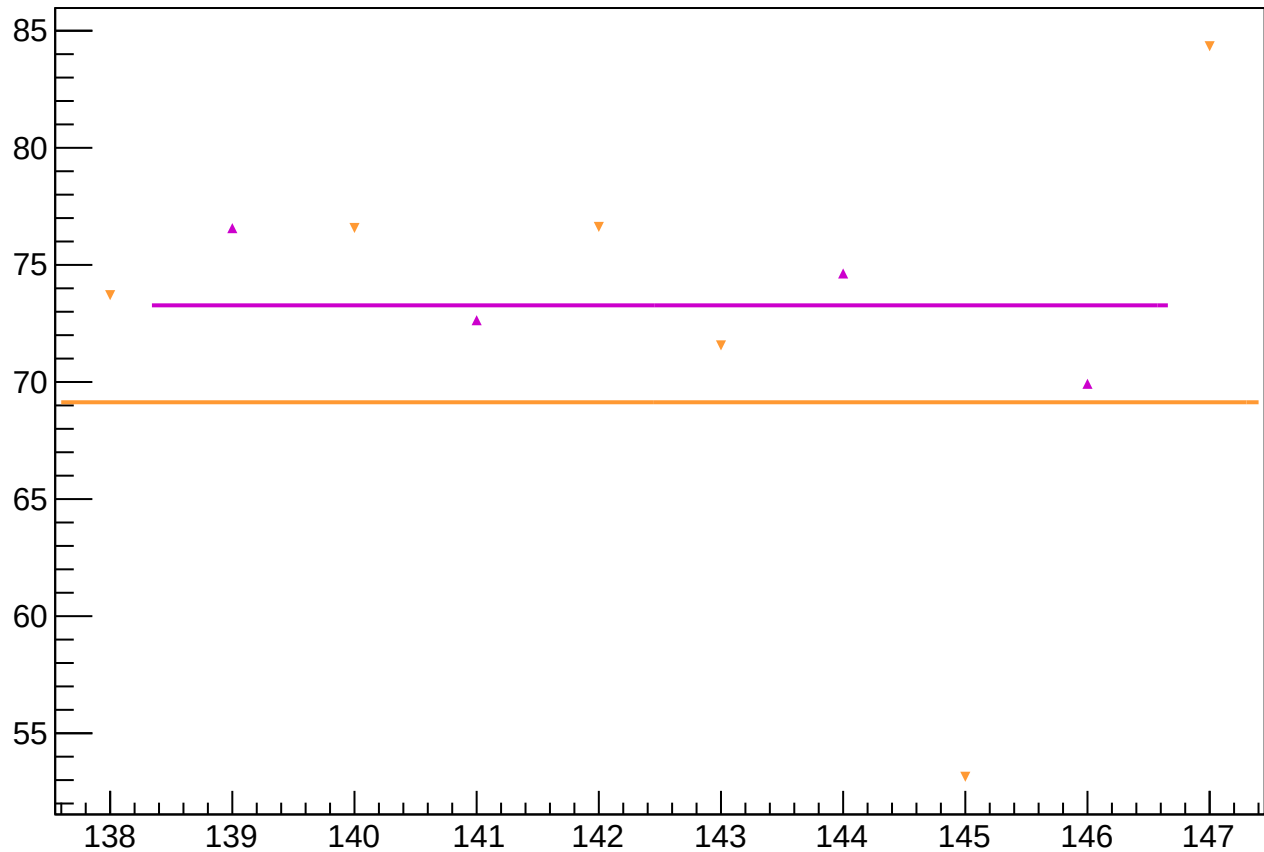
Left In: 35.226 $\pm$ 41.044 χ^2 /NDF:1.4/3

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

All: -5.262 $\pm$ 26.382 χ^2 /NDF: 6.2/9

- sign 0.000 $\pm$ 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: 69.134+/-0.024 χ^2/NDF : 214313.5/5

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

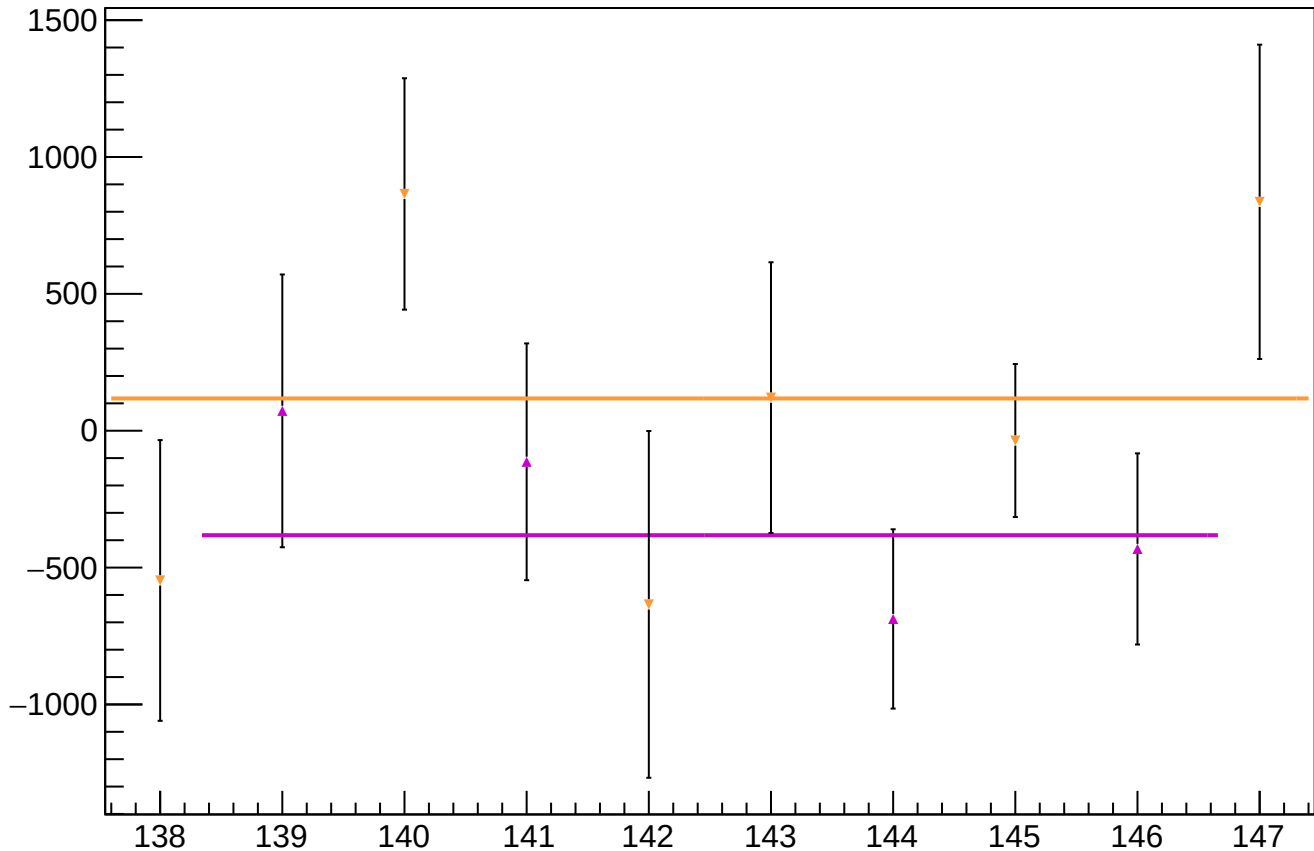
Left In: 73.274+/-0.029 χ^2/NDF : 7172.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.845+/-0.019 χ^2/NDF : 233423.1/9

- 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: 117.948+/-177.304 χ^2/NDF : 8.1/5

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

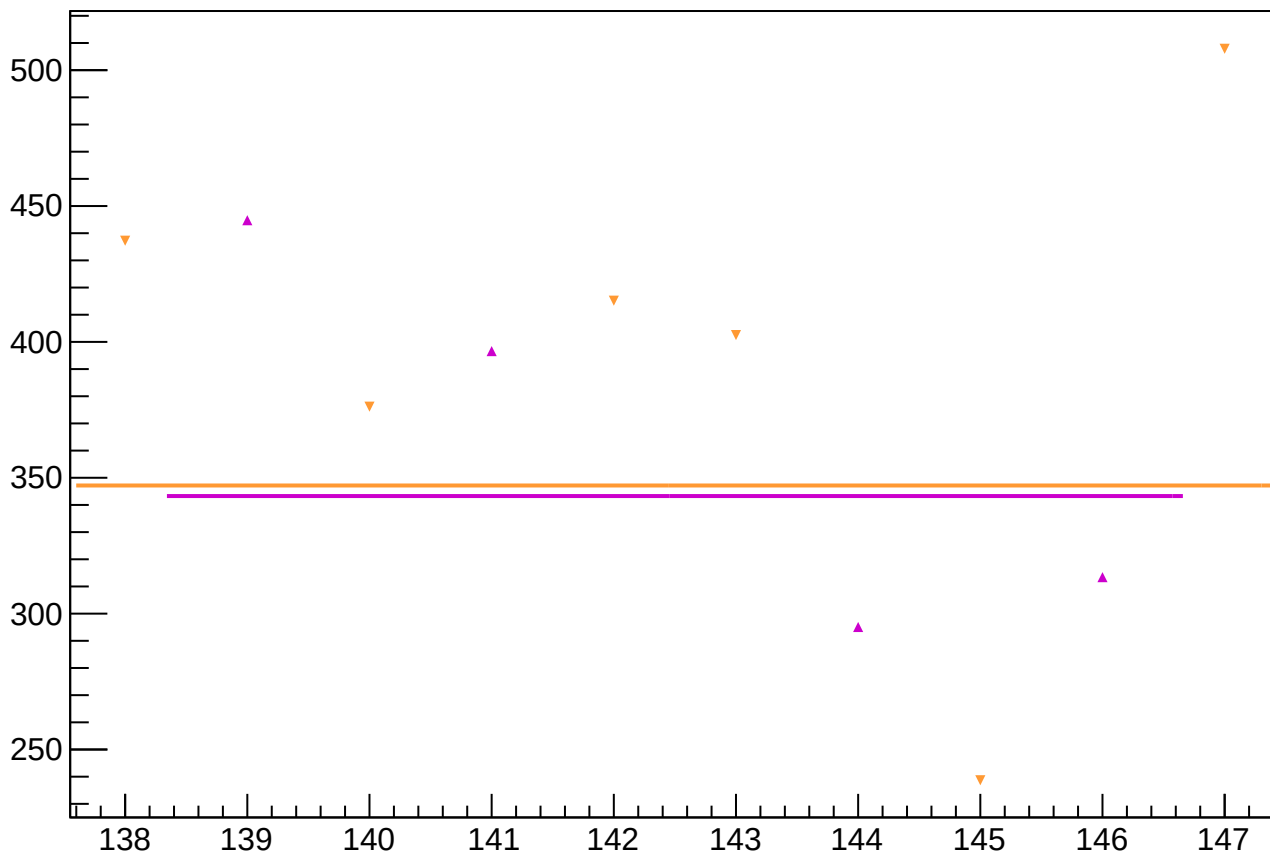
Left In: -381.694+/-192.814 χ^2/NDF : 2.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.972+/-130.512 χ^2/NDF : 13.8/9

- 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: 347.159+/-0.125 χ^2/NDF : 577095.9/5

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

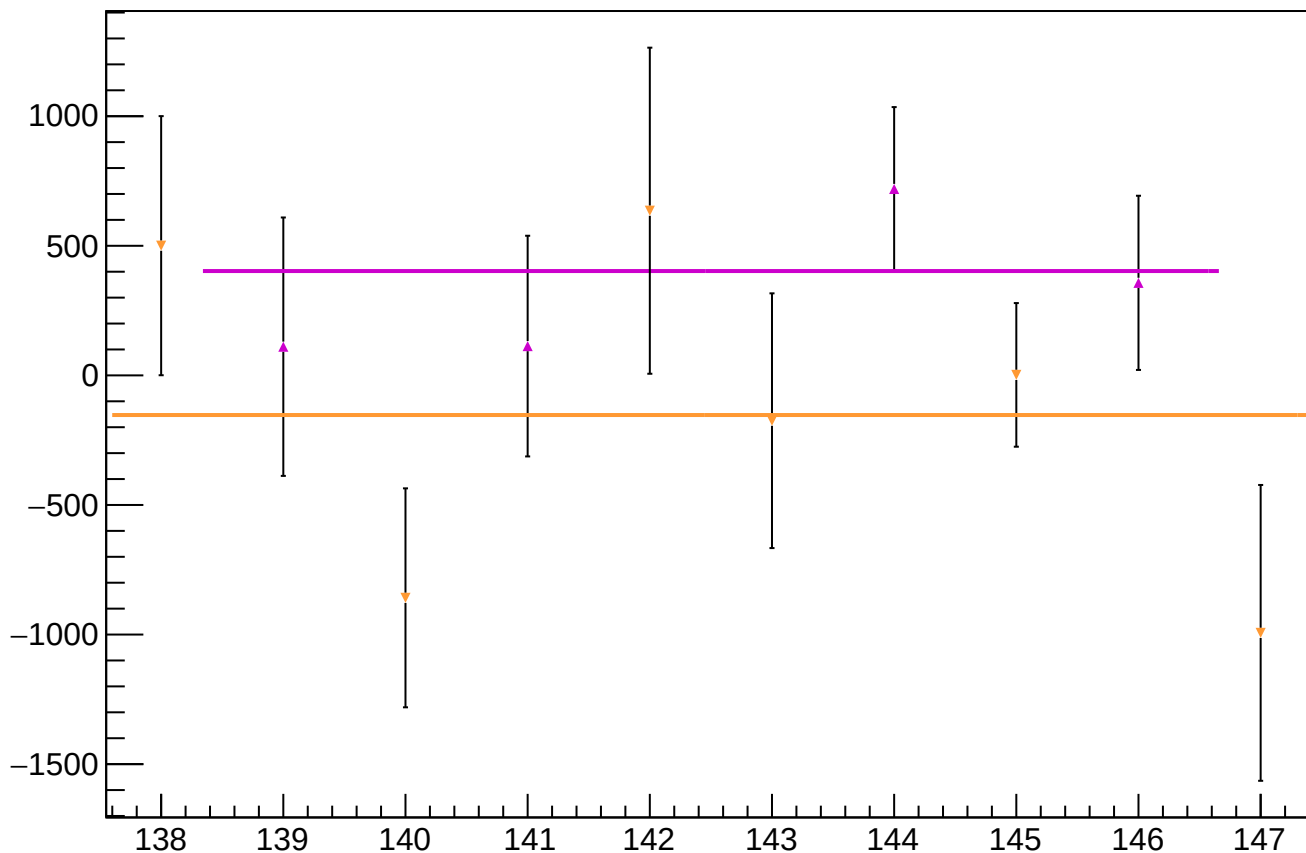
Left In: 343.272+/-0.136 χ^2/NDF : 171325.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.378+/-0.092 χ^2/NDF : 748861.6/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -152.975+/-175.778 χ^2/NDF : 8.6/5

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

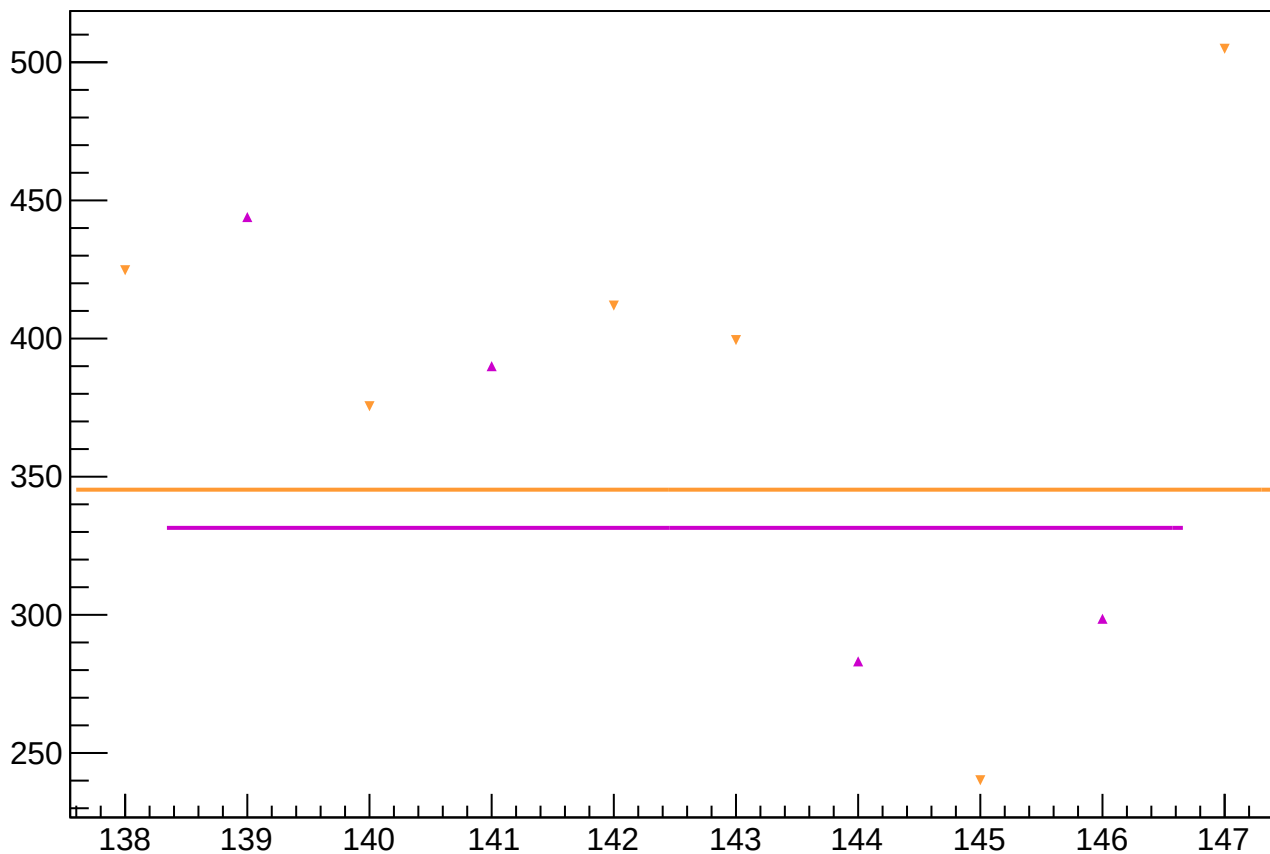
Left In: 402.567+/-187.586 χ^2/NDF : 1.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.762+/-128.265 χ^2/NDF : 15.0/9

- sign 0.000+/-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: 345.302+/-0.124 χ^2/NDF : 551840.8/5

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

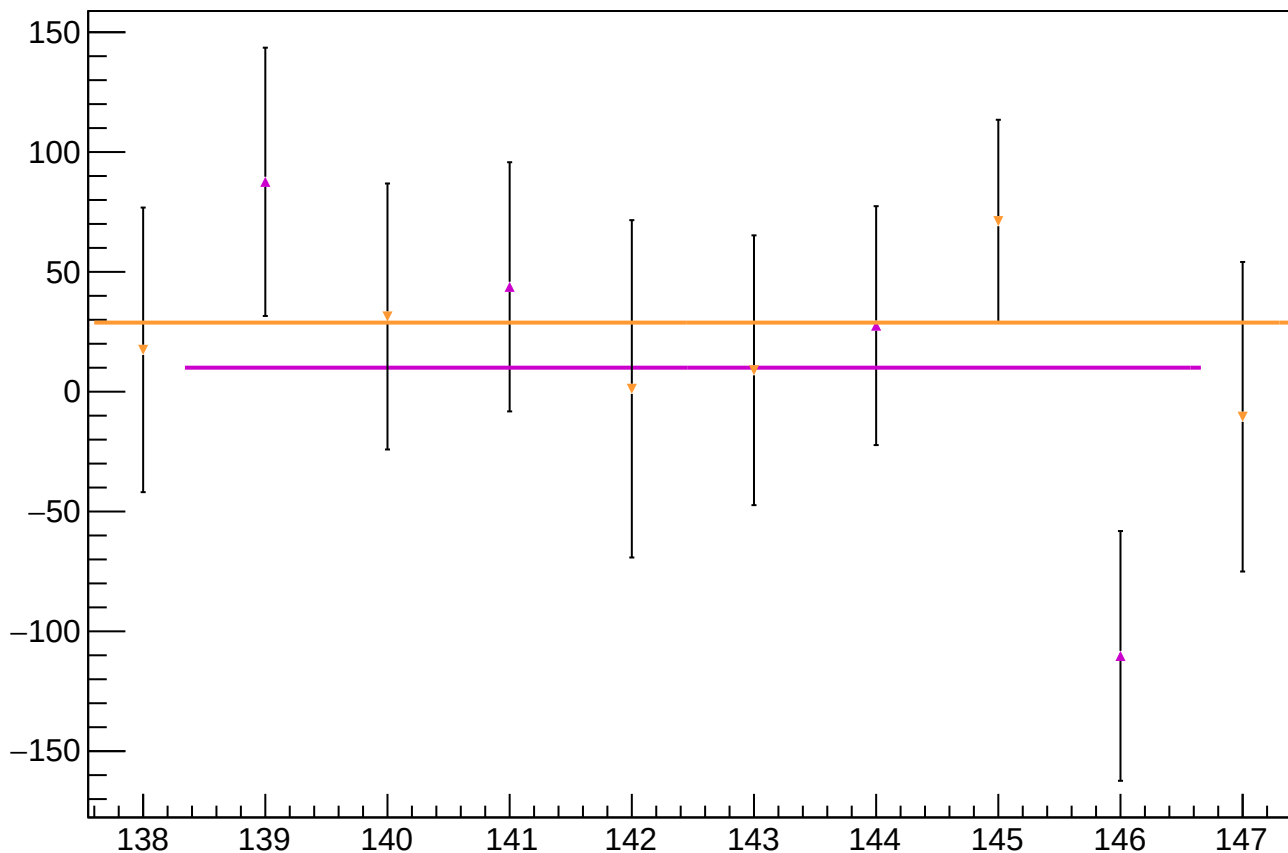
Left In: 331.480+/-0.133 χ^2/NDF : 205601.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.840+/-0.091 χ^2/NDF : 763223.7/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 28.831 $\pm$ 22.795 χ^2 /NDF:1.7/5

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

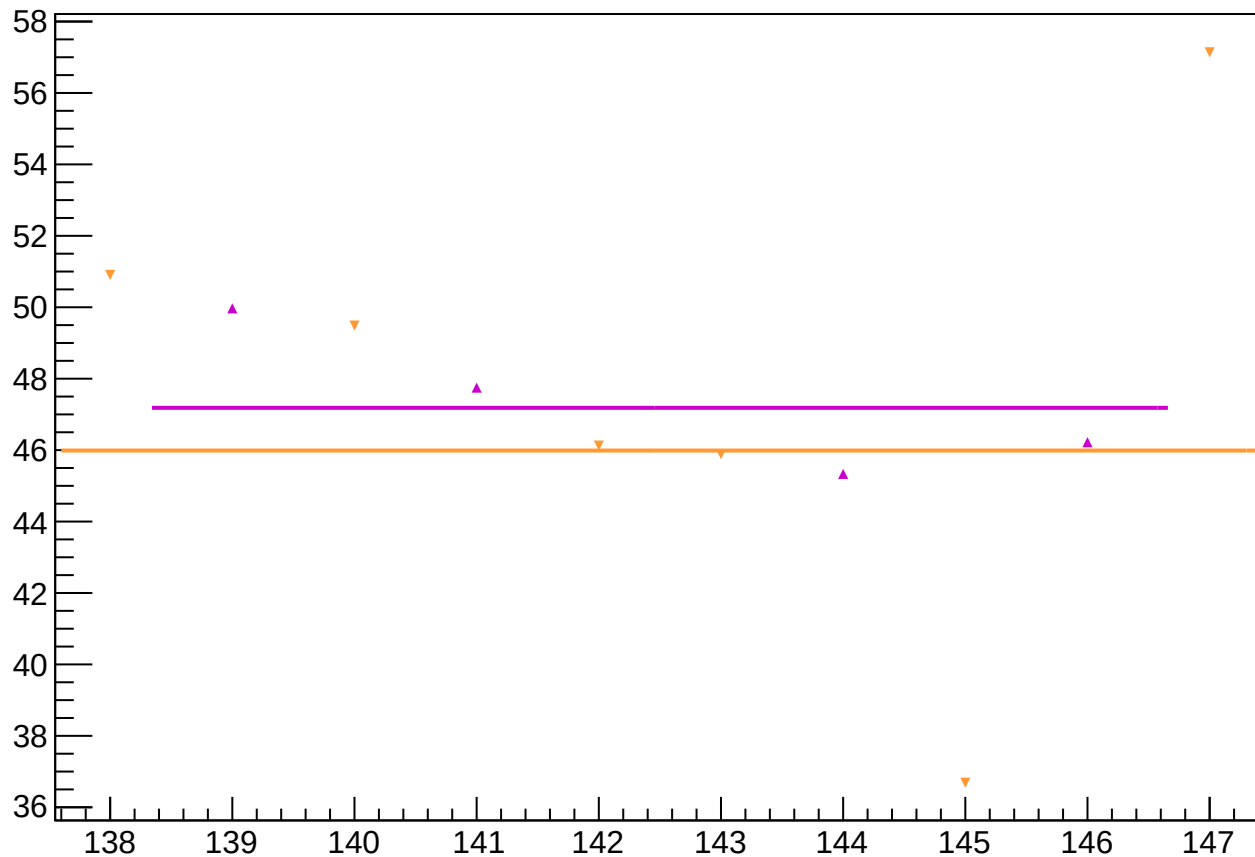
Left In: 10.021 $\pm$ 26.172 χ^2 /NDF:7.8/3

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

All: 20.717 $\pm$ 17.189 χ^2 /NDF: 9.8/9

- sign 0.000 $\pm$ 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: 45.988+/-0.016 χ^2/NDF :177998.0/5

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

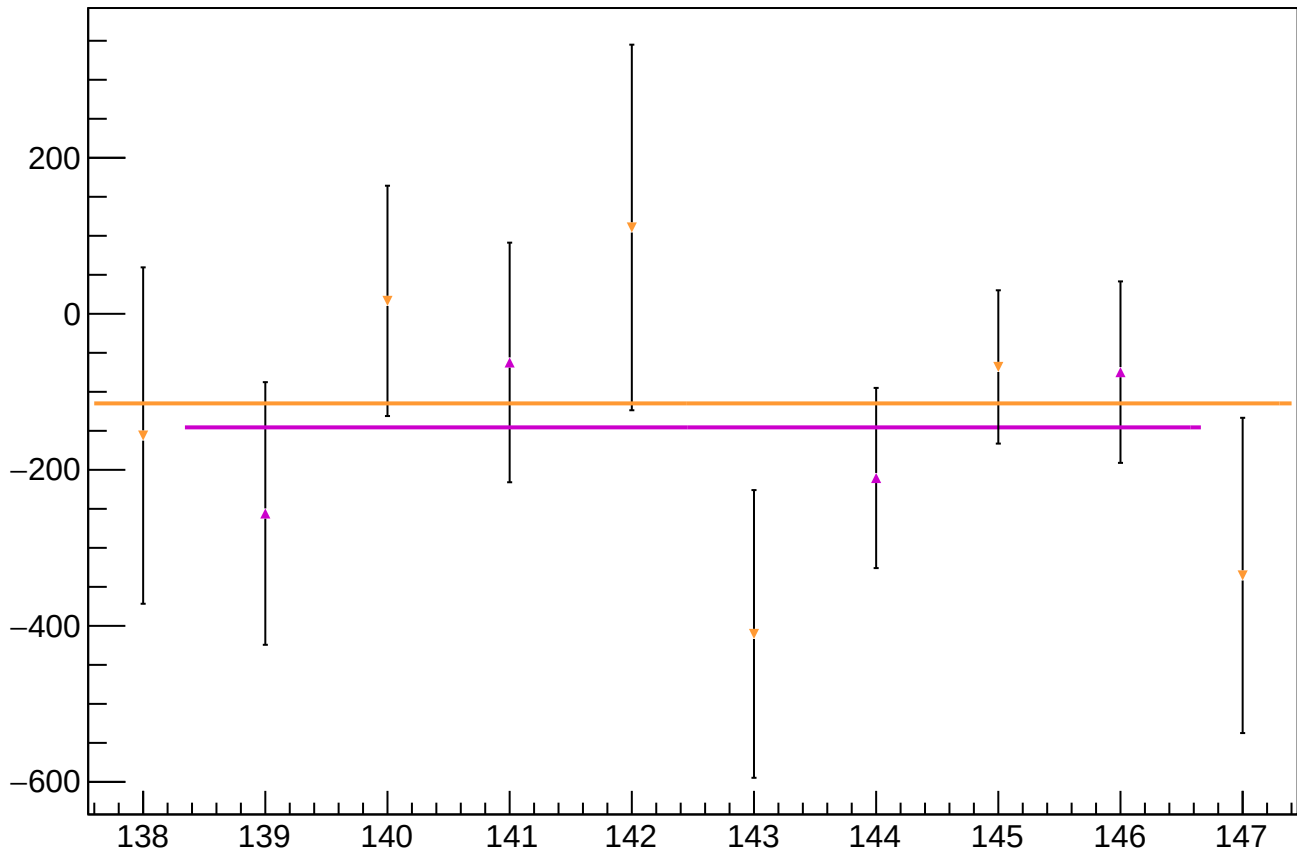
Left In: 47.184+/-0.019 χ^2/NDF :8624.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.504+/-0.012 χ^2/NDF : 188996.4/9

- 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: -114.830+/-64.138 χ^2/NDF : 5.7/5

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

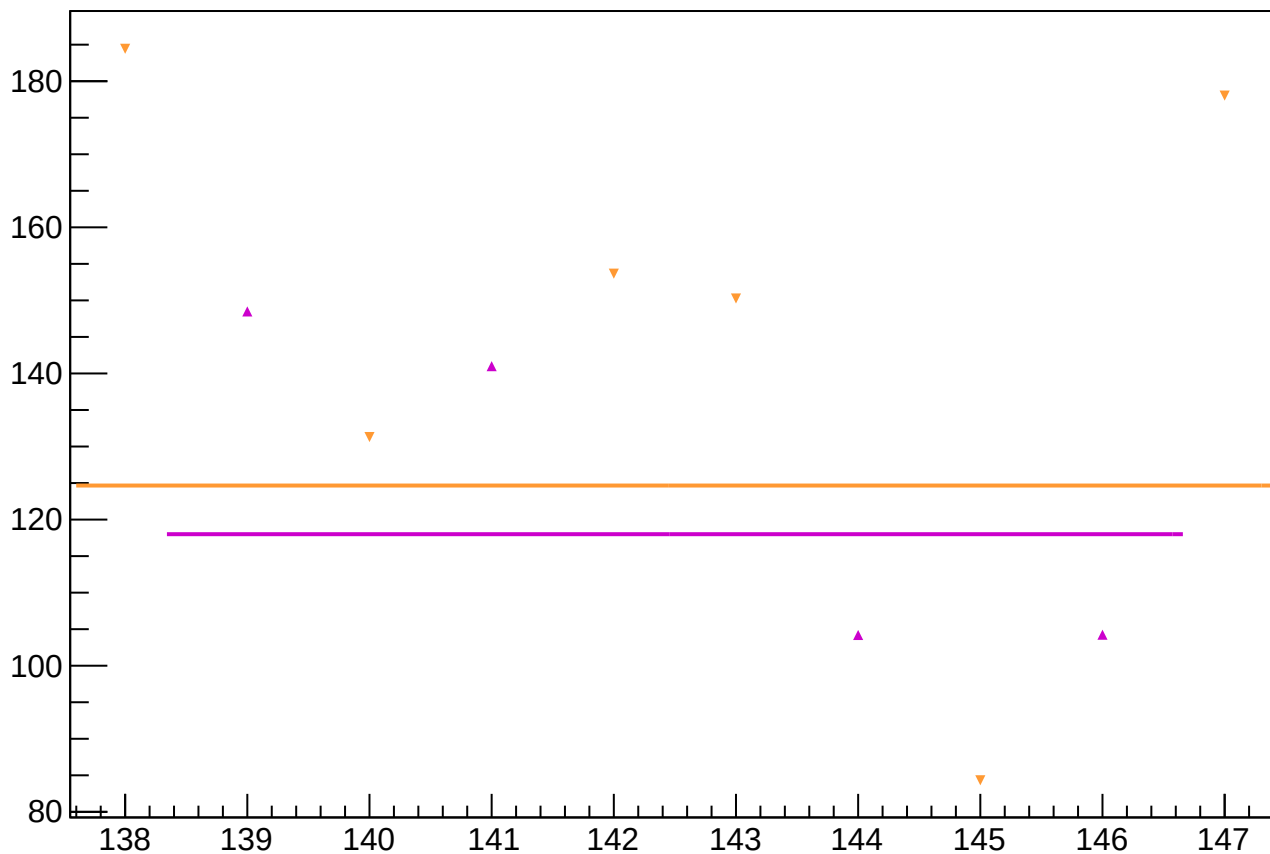
Left In: -145.564+/-66.433 χ^2/NDF : 1.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.657+/-46.143 χ^2/NDF : 7.3/9

- 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: 124.661+/-0.045 χ^2/NDF : 703585.3/5

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

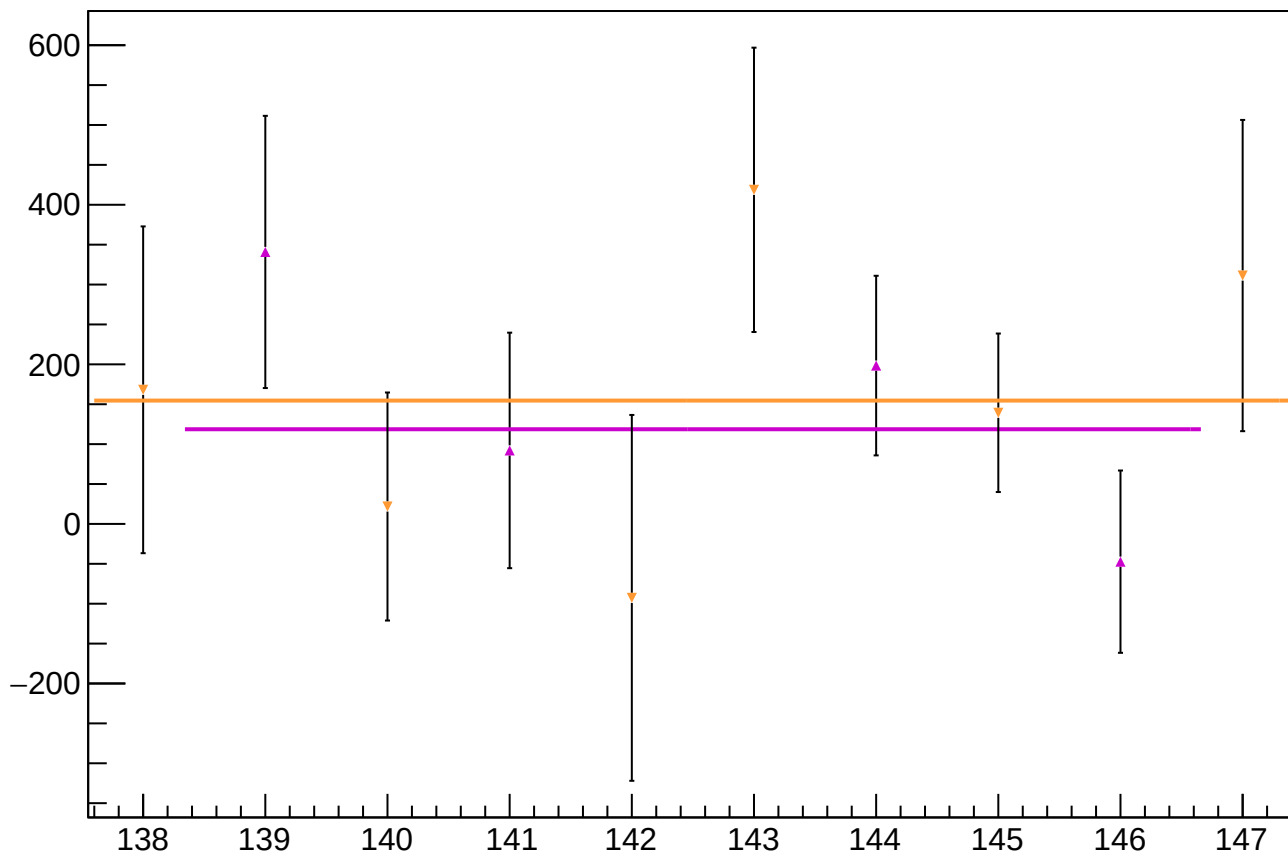
Left In: 118.001+/-0.047 χ^2/NDF : 166966.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.448+/-0.033 χ^2/NDF : 880953.4/9

- 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: 154.597+/-63.121 χ^2/NDF : 4.9/5

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

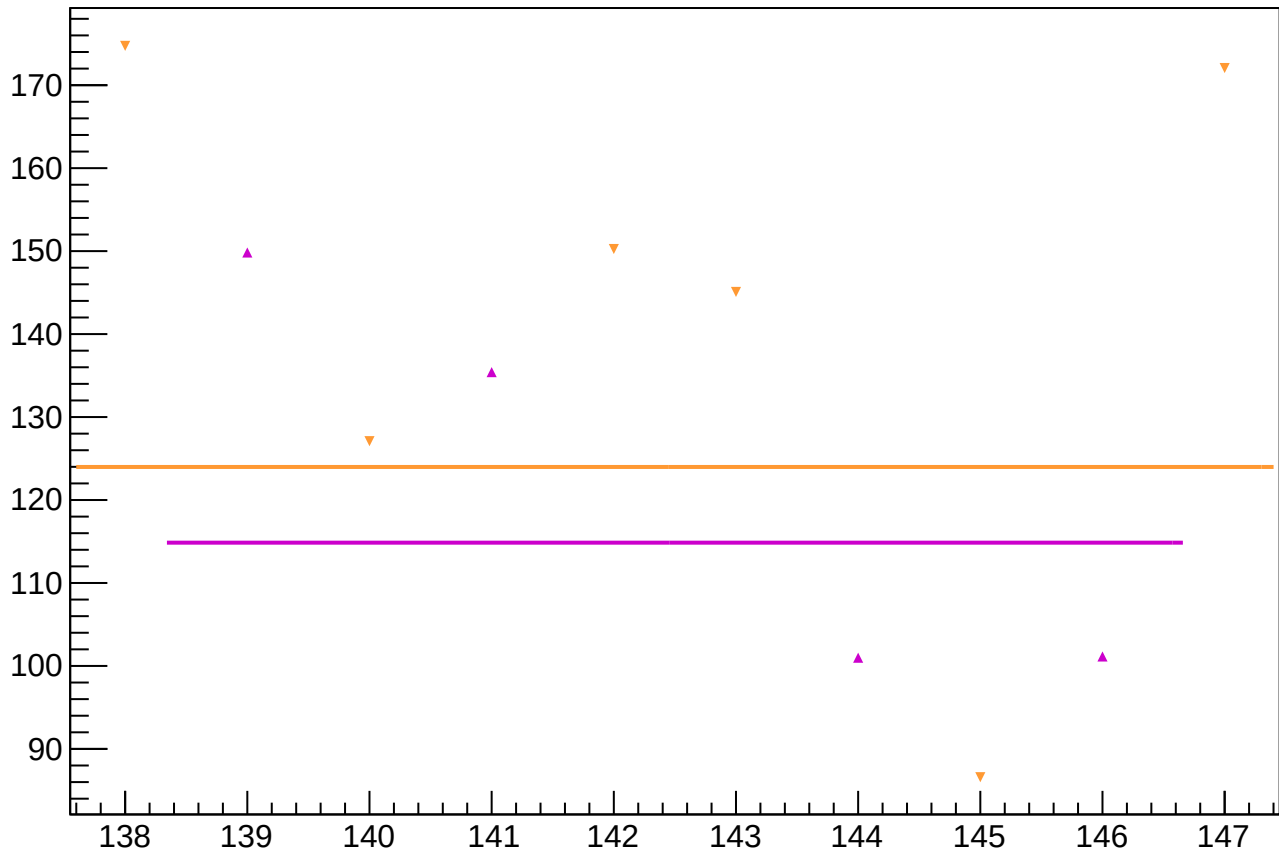
Left In: 118.653+/-65.119 χ^2/NDF : 4.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.185+/-45.323 χ^2/NDF : 9.4/9

- 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: 123.984+/-0.045 χ^2/NDF : 583143.5/5

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

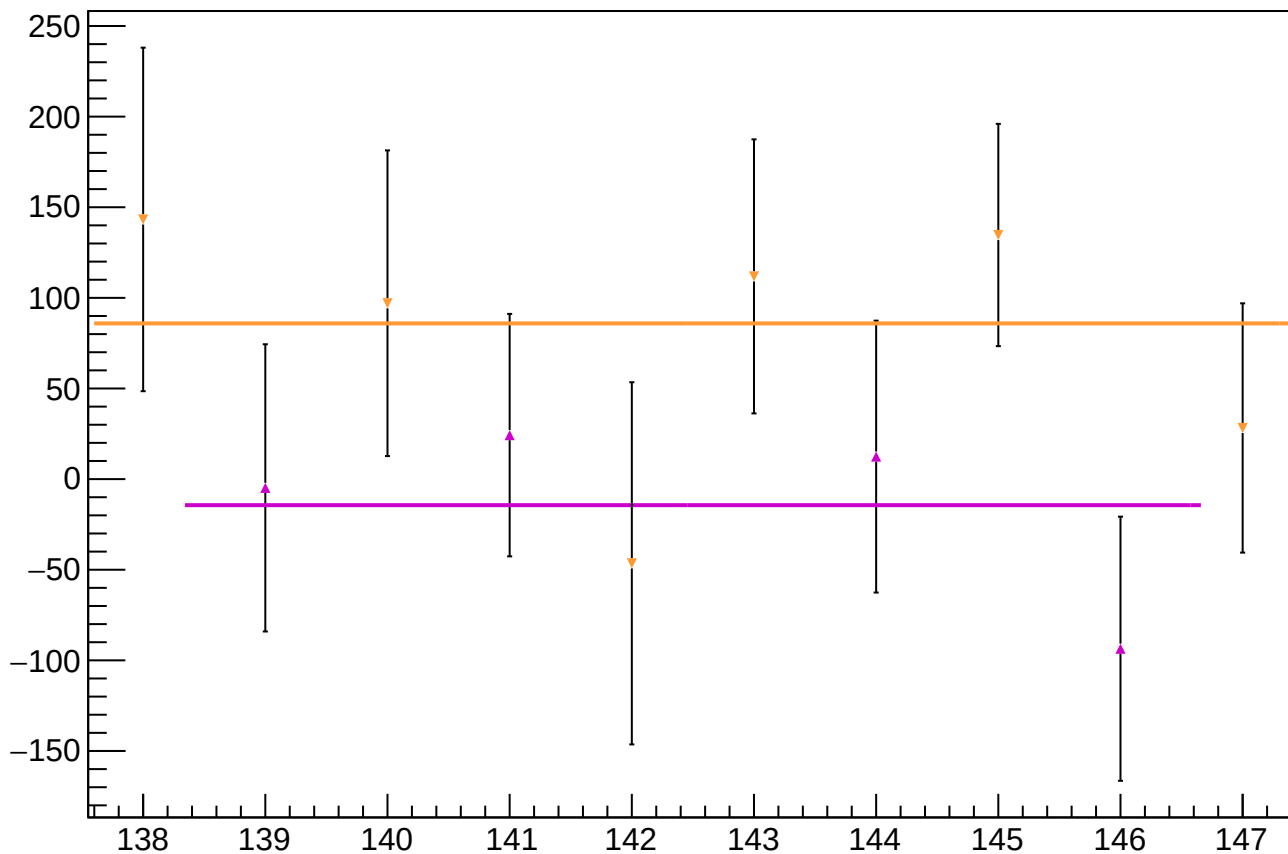
Left In: 114.859+/-0.046 χ^2/NDF : 182045.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.564+/-0.032 χ^2/NDF : 785435.8/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



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

Left Out: 85.912 $\pm$ 31.552 χ^2 /NDF: 3.6/5

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

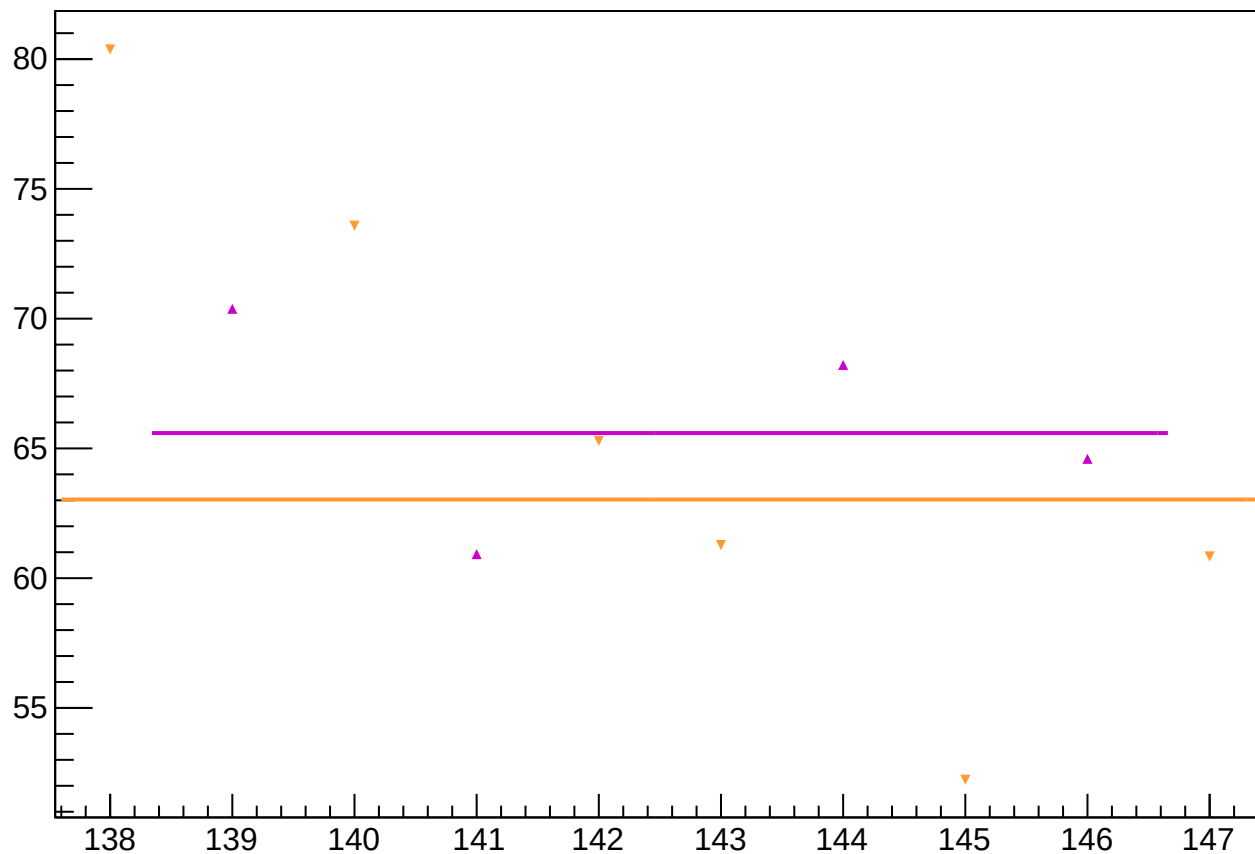
Left In: -14.380 $\pm$ 36.544 χ^2 /NDF: 1.7/3

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

All: 43.079 $\pm$ 23.882 χ^2 /NDF: 9.6/9

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

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 63.030 $\pm$ 0.022 χ^2 /NDF:164399.2/5

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

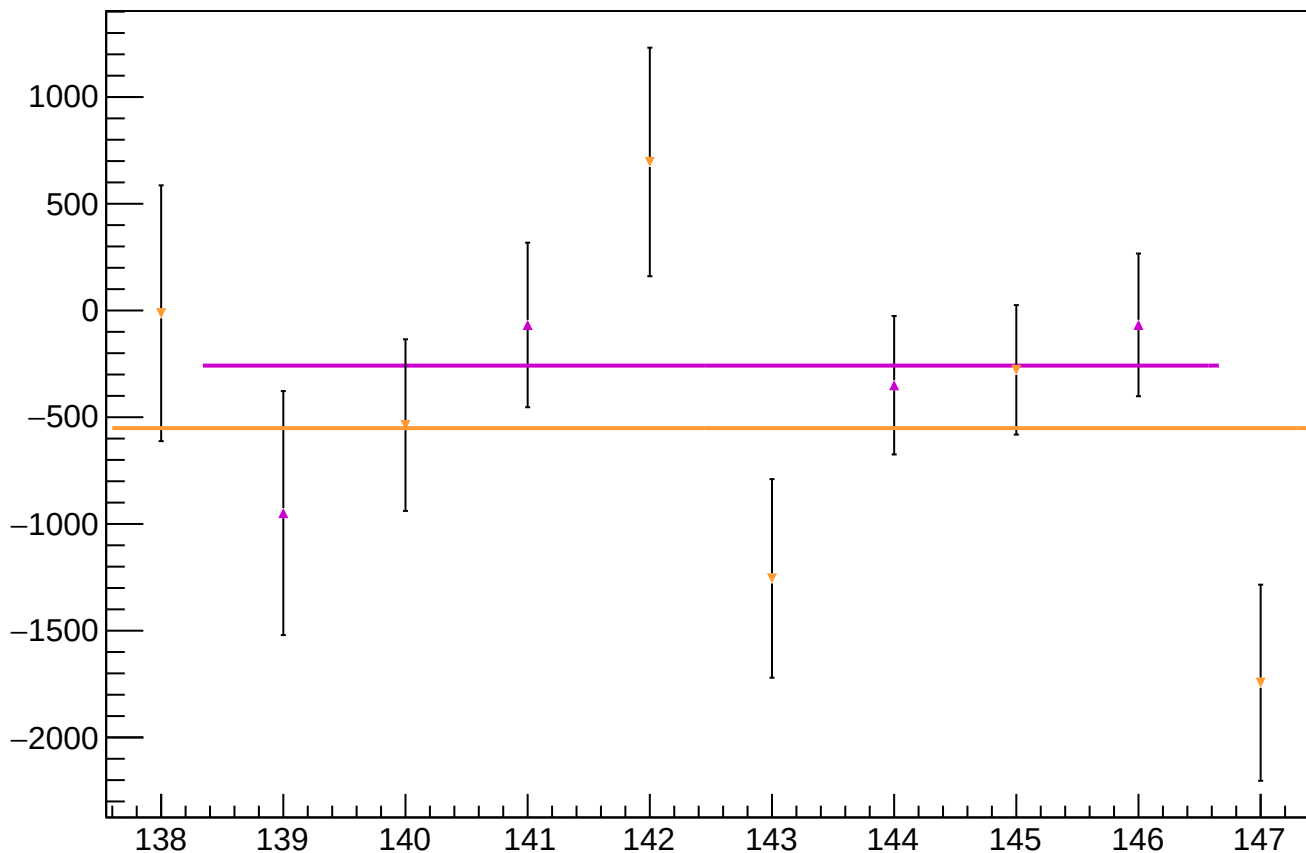
Left In: 65.591 $\pm$ 0.026 χ^2 /NDF:19841.8/3

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

All: 64.124 $\pm$ 0.017 χ^2 /NDF: 189869.0/9

- sign 0.000 $\pm$ 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: -551.054+/-174.903 χ^2/NDF : 16.1/5

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

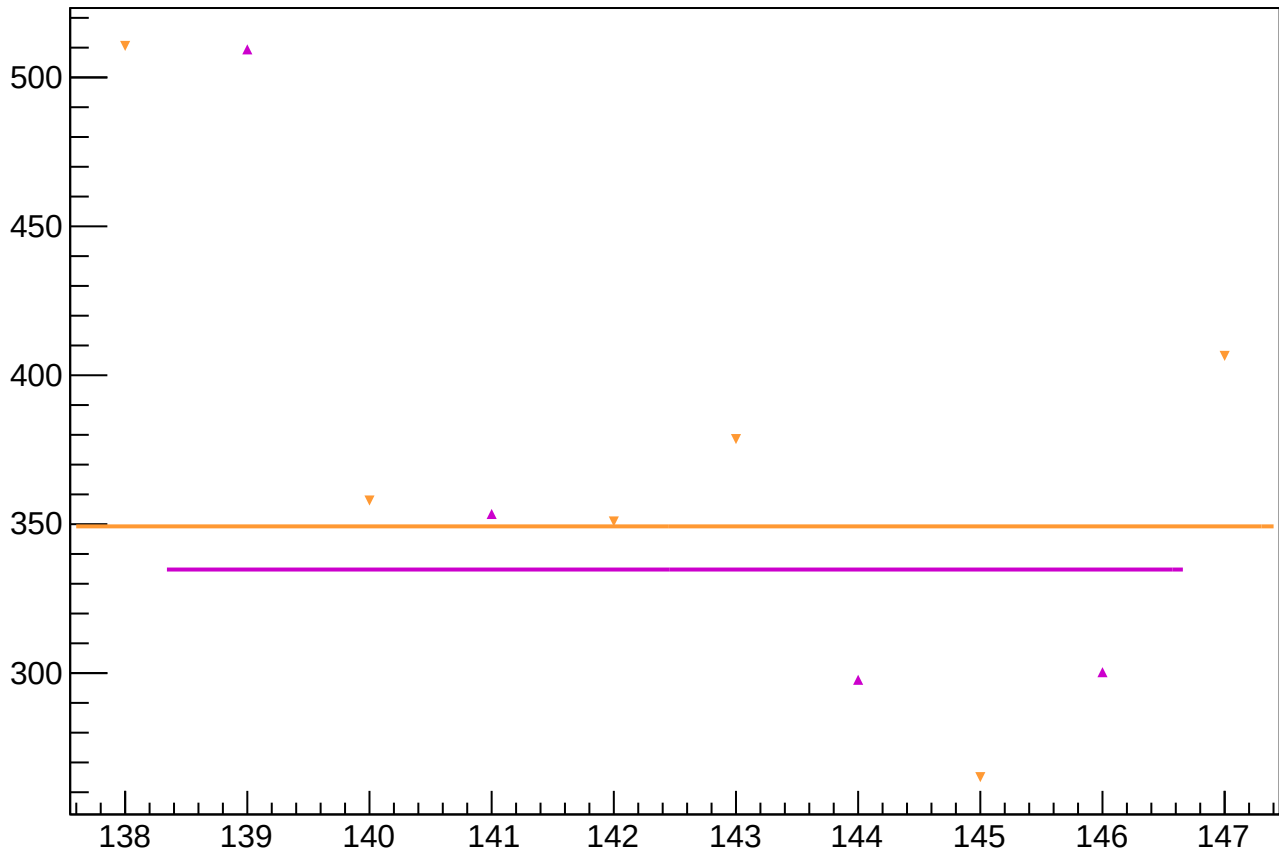
Left In: -258.149+/-188.145 χ^2/NDF : 2.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.271+/-128.101 χ^2/NDF : 19.5/9

- 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: 349.265+/-0.124 χ^2/NDF : 339028.3/5

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

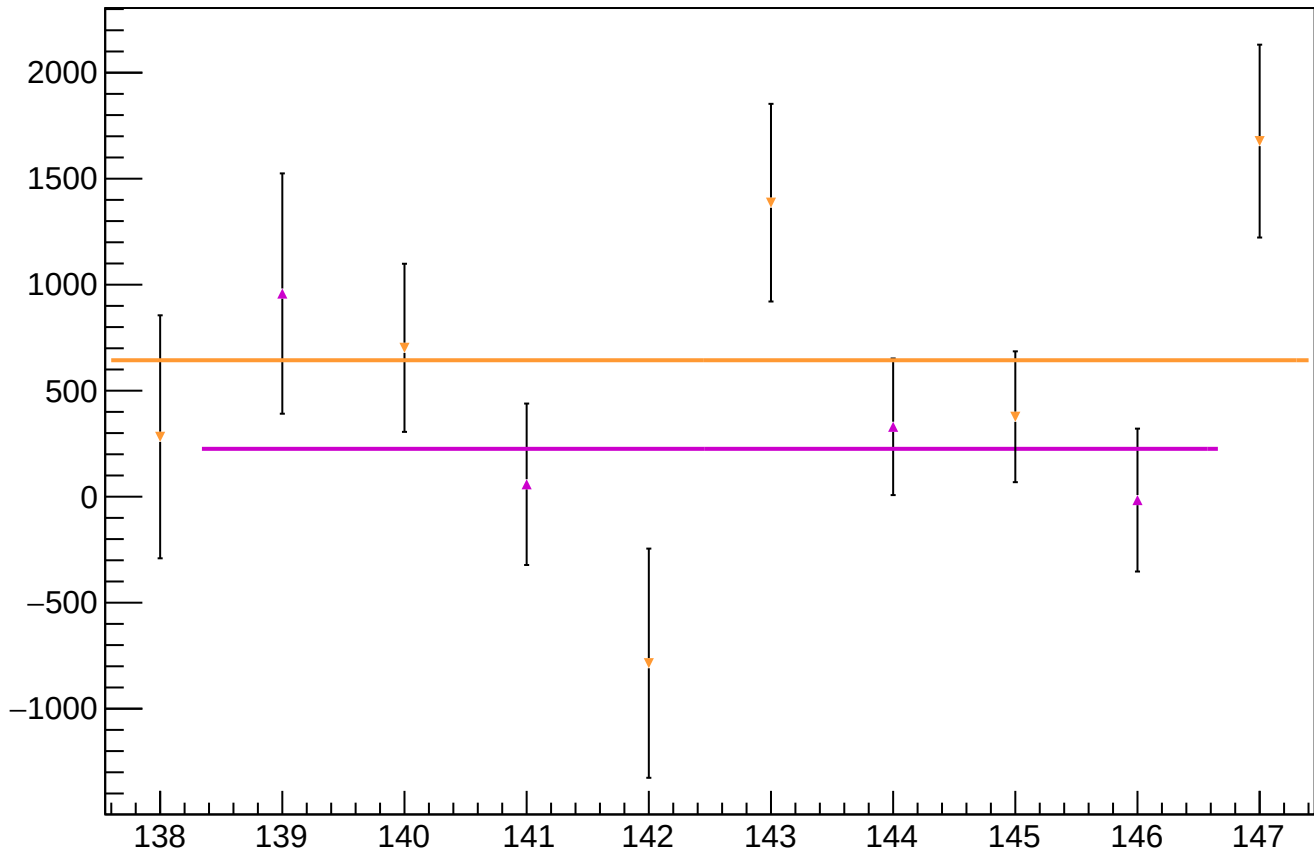
Left In: 334.775+/-0.133 χ^2/NDF : 238796.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.547+/-0.091 χ^2/NDF : 584188.3/9

- 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: 643.576+/-174.704 χ^2/NDF :15.9/5

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

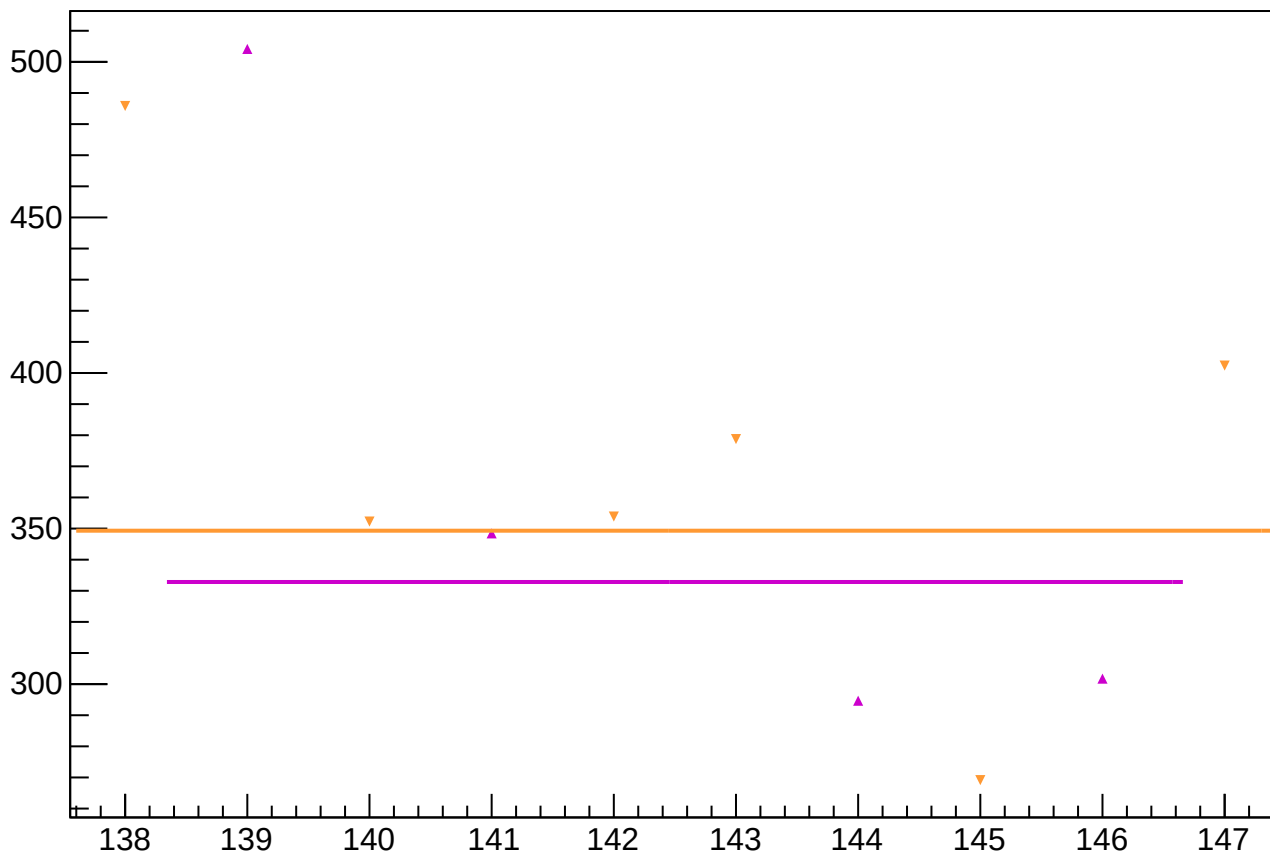
Left In: 225.731+/-187.480 χ^2/NDF :2.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.374+/-127.812 χ^2/NDF : 21.0/9

- 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: 349.313+/-0.124 χ^2/NDF : 283928.2/5

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

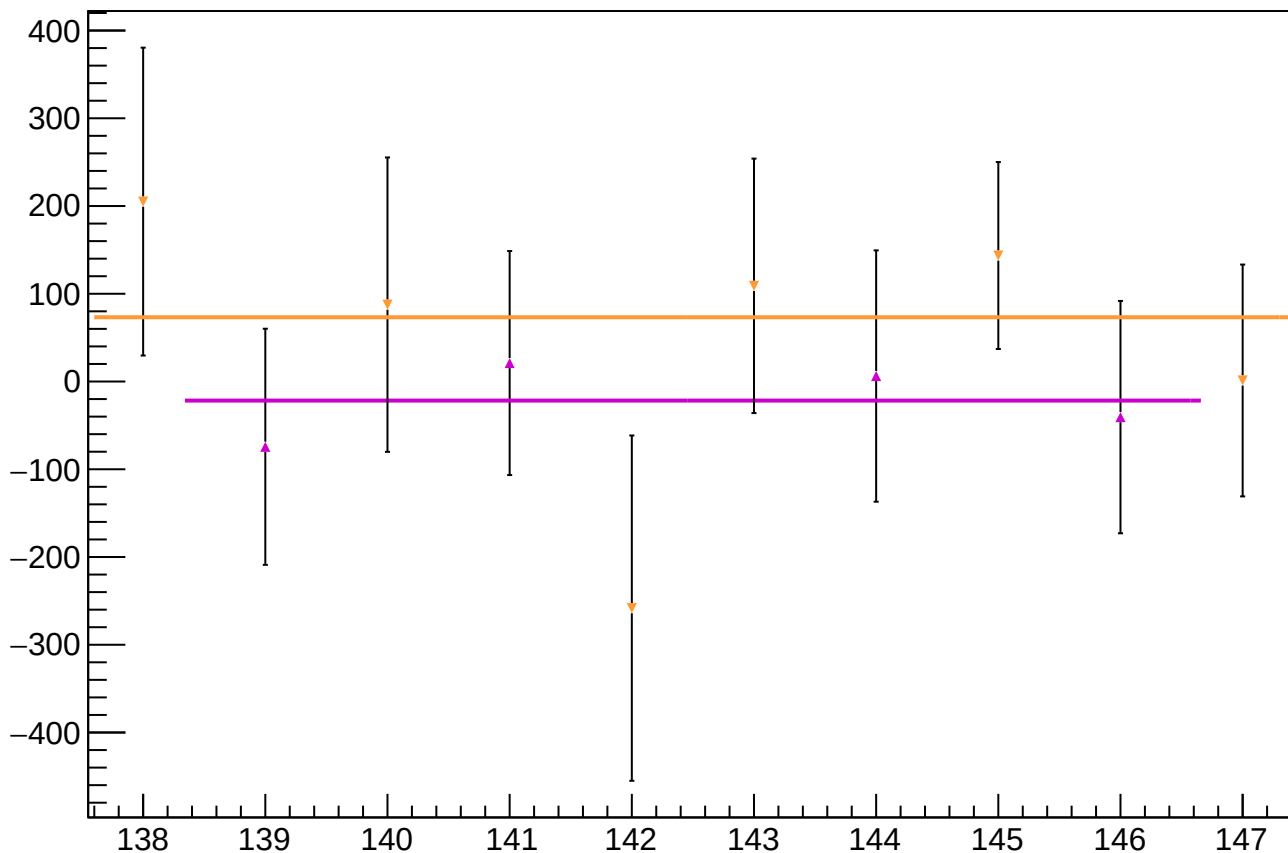
Left In: 332.827+/-0.133 χ^2/NDF : 231188.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.651+/-0.090 χ^2/NDF : 523394.5/9

- 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: 73.249 $\pm$ 59.046 χ^2 /NDF: 4.2/5

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

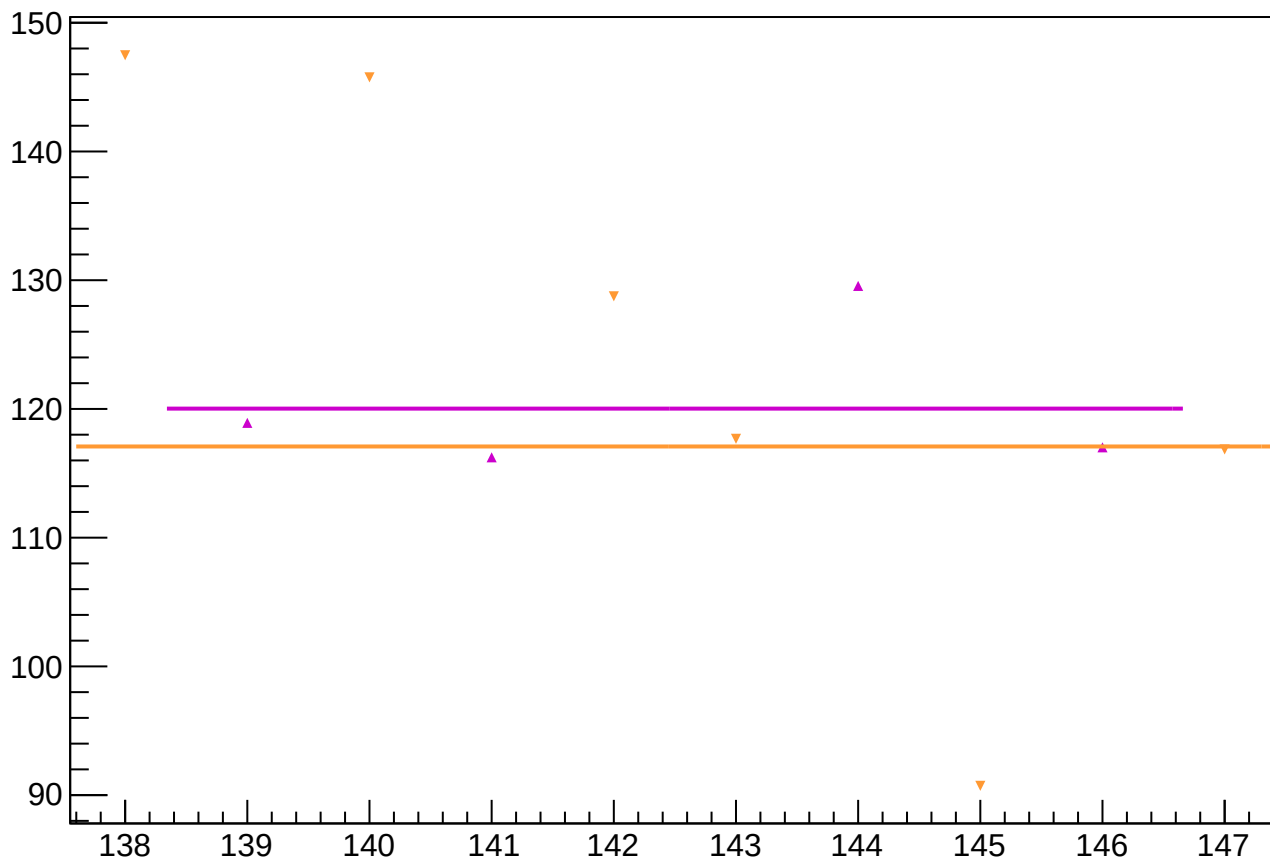
Left In: -21.714 $\pm$ 67.052 χ^2 /NDF: 0.3/3

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

All: 31.773 $\pm$ 44.313 χ^2 /NDF: 5.7/9

- 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: 117.084+/-0.042 χ^2/NDF : 247983.7/5

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

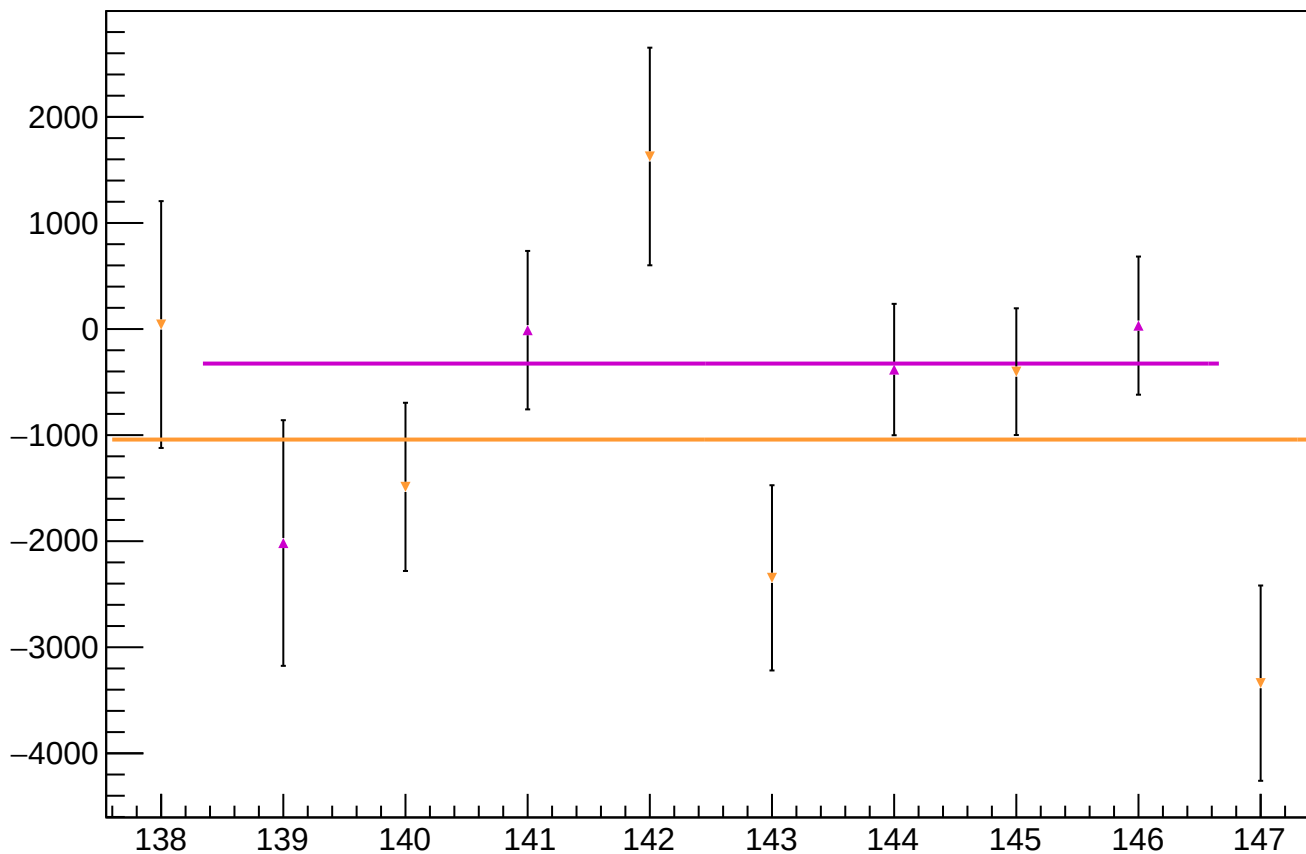
Left In: 120.025+/-0.047 χ^2/NDF : 11782.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.369+/-0.031 χ^2/NDF : 261933.7/9

- 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: -1041.858+/-341.545 χ^2/NDF :17.6/5

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

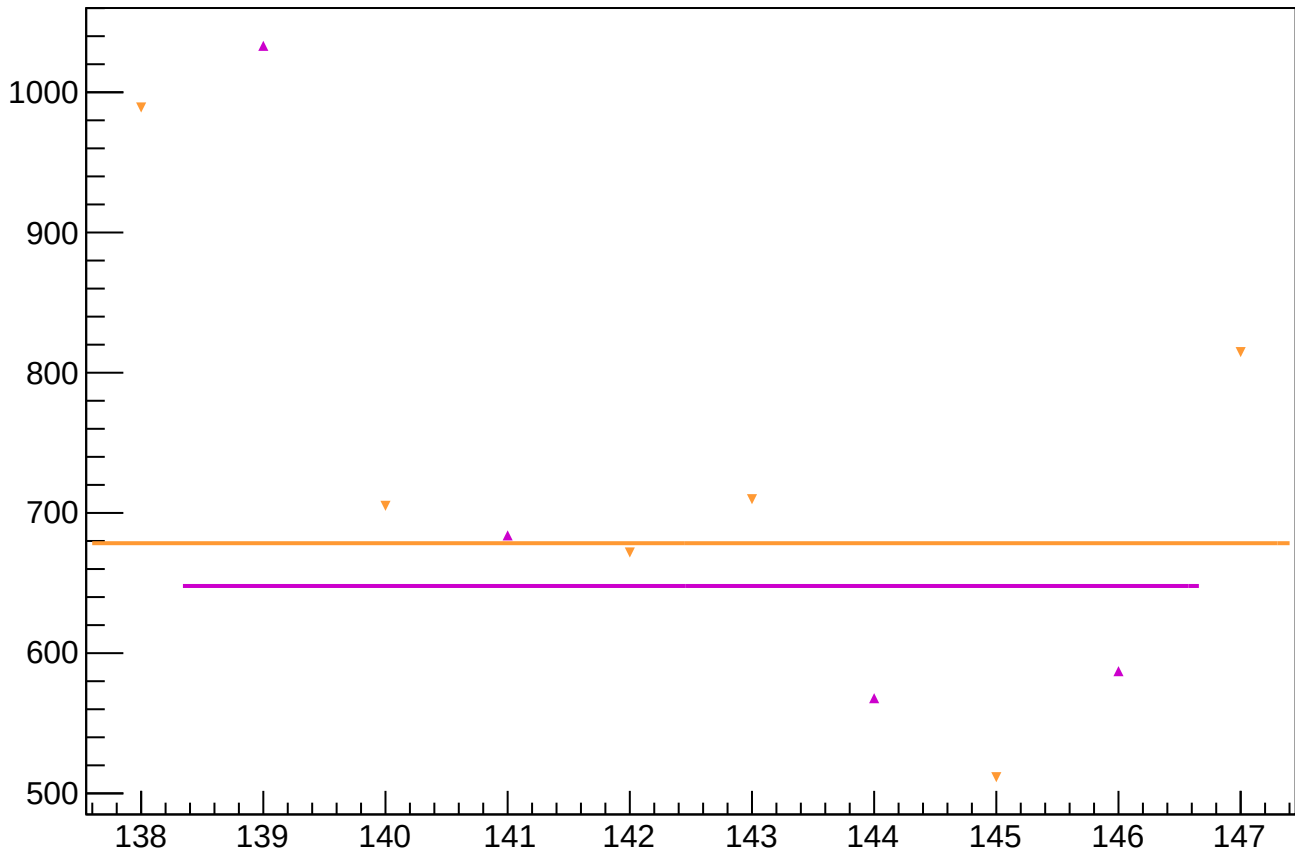
Left In: -325.499+/-365.065 χ^2/NDF :2.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -707.497+/-249.410 χ^2/NDF : 22.2/9

- 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: 678.421+/-0.242 χ^2/NDF : 347437.4/5

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

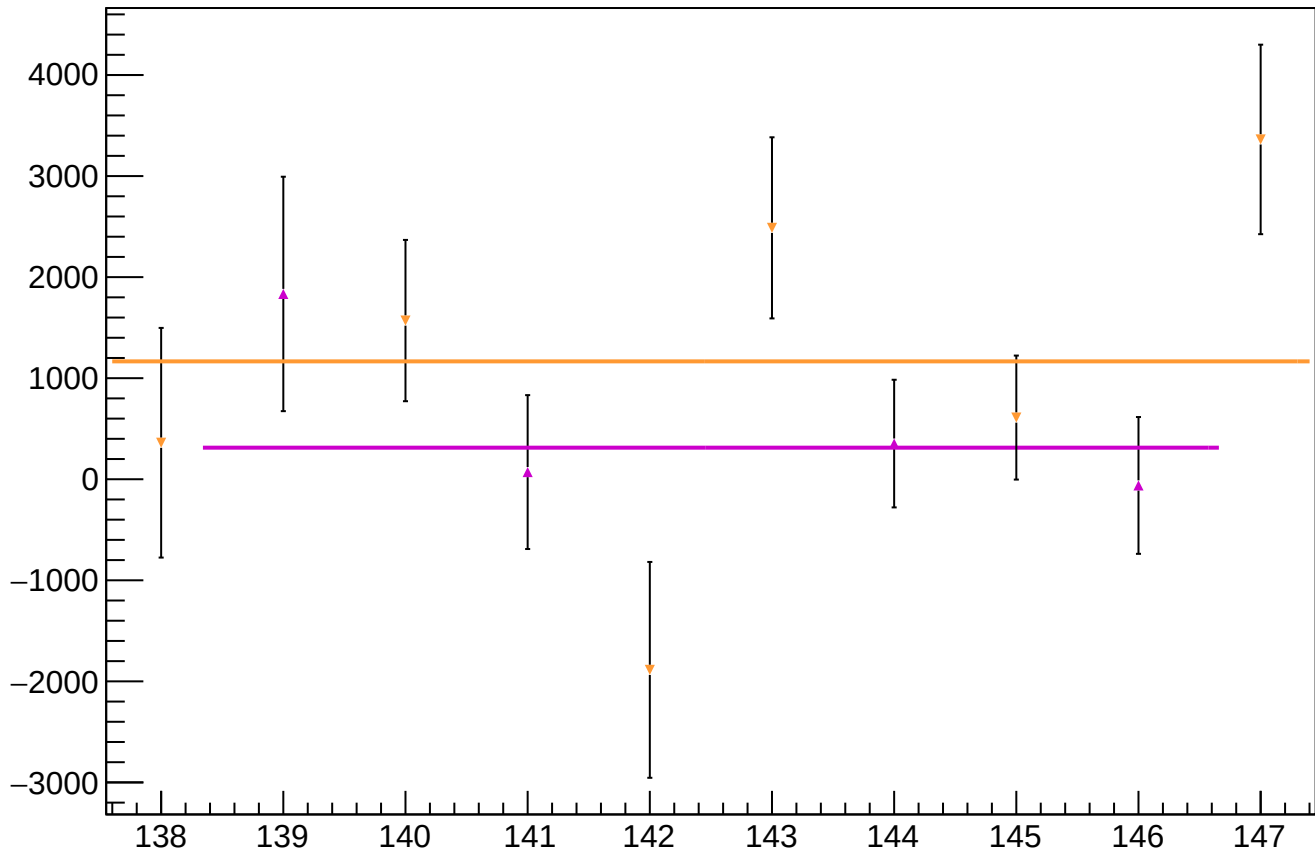
Left In: 647.914+/-0.258 χ^2/NDF : 276776.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.182+/-0.176 χ^2/NDF : 631661.6/9

- 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: 1166.455+/-347.939 χ^2/NDF : 17.4/5

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

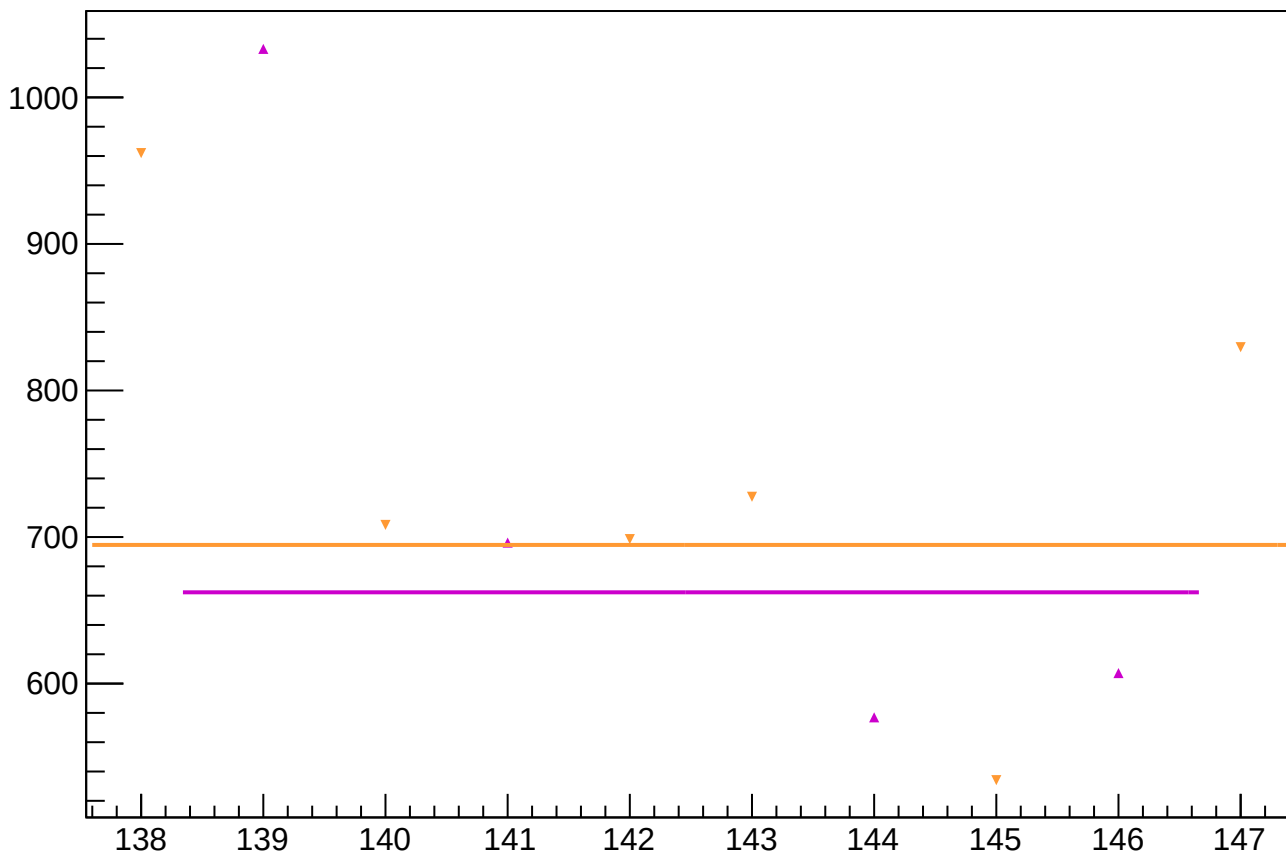
Left In: 312.409+/-373.771 χ^2/NDF : 2.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.961+/-254.673 χ^2/NDF : 22.3/9

- 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: 694.616+/-0.246 χ^2/NDF : 292329.3/5

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

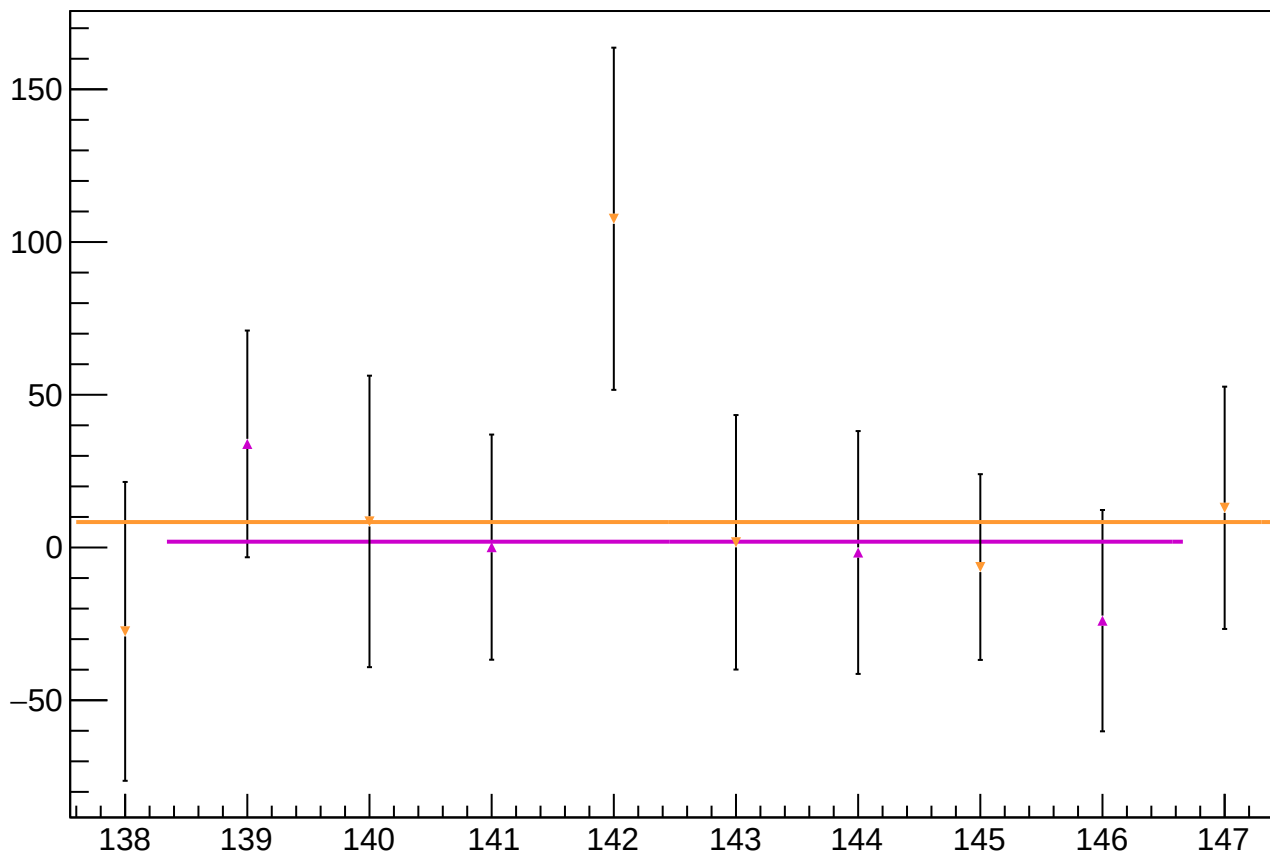
Left In: 662.282+/-0.264 χ^2/NDF : 258133.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 679.605+/-0.180 χ^2/NDF : 558482.1/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: 8.332 $\pm$ 16.977 χ^2 /NDF: 4.0/5

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

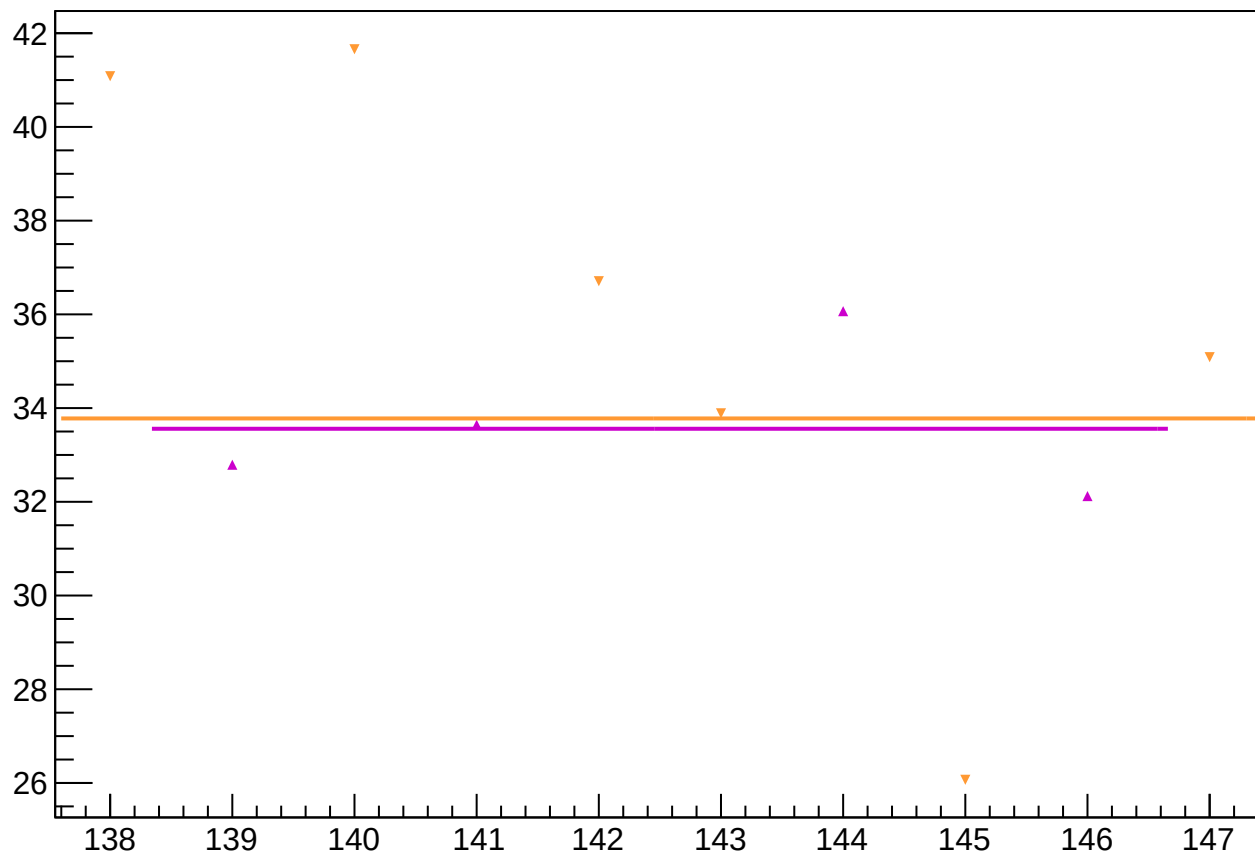
Left In: 1.901 $\pm$ 18.709 χ^2 /NDF: 1.3/3

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

All: 5.428 $\pm$ 12.572 χ^2 /NDF: 5.3/9

- sign 0.000 $\pm$ 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: 33.779+/-0.012 χ^2/NDF :235404.0/5

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

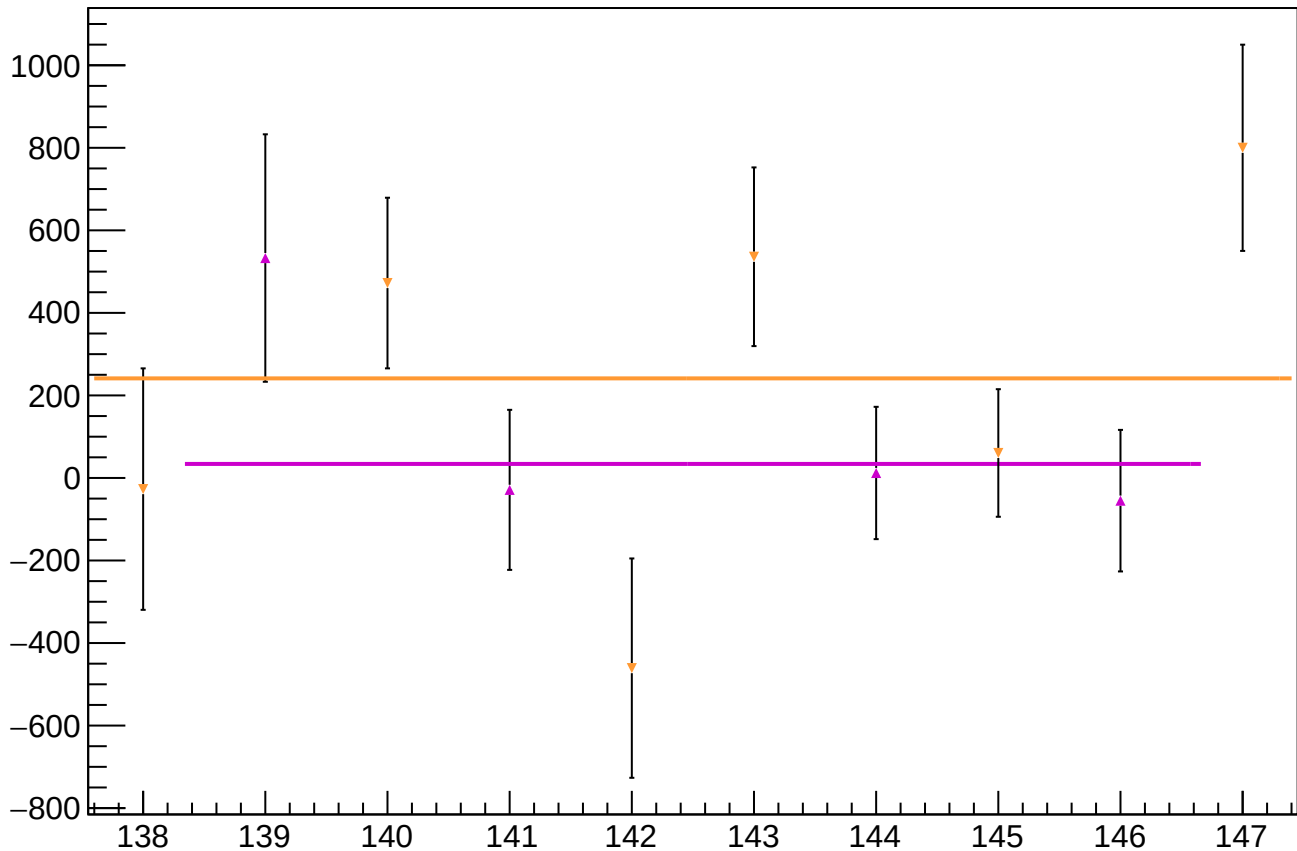
Left In: 33.559+/-0.013 χ^2/NDF :11981.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.679+/-0.009 χ^2/NDF : 247537.2/9

- 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: 241.277+/-88.235 χ^2/NDF :17.3/5

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

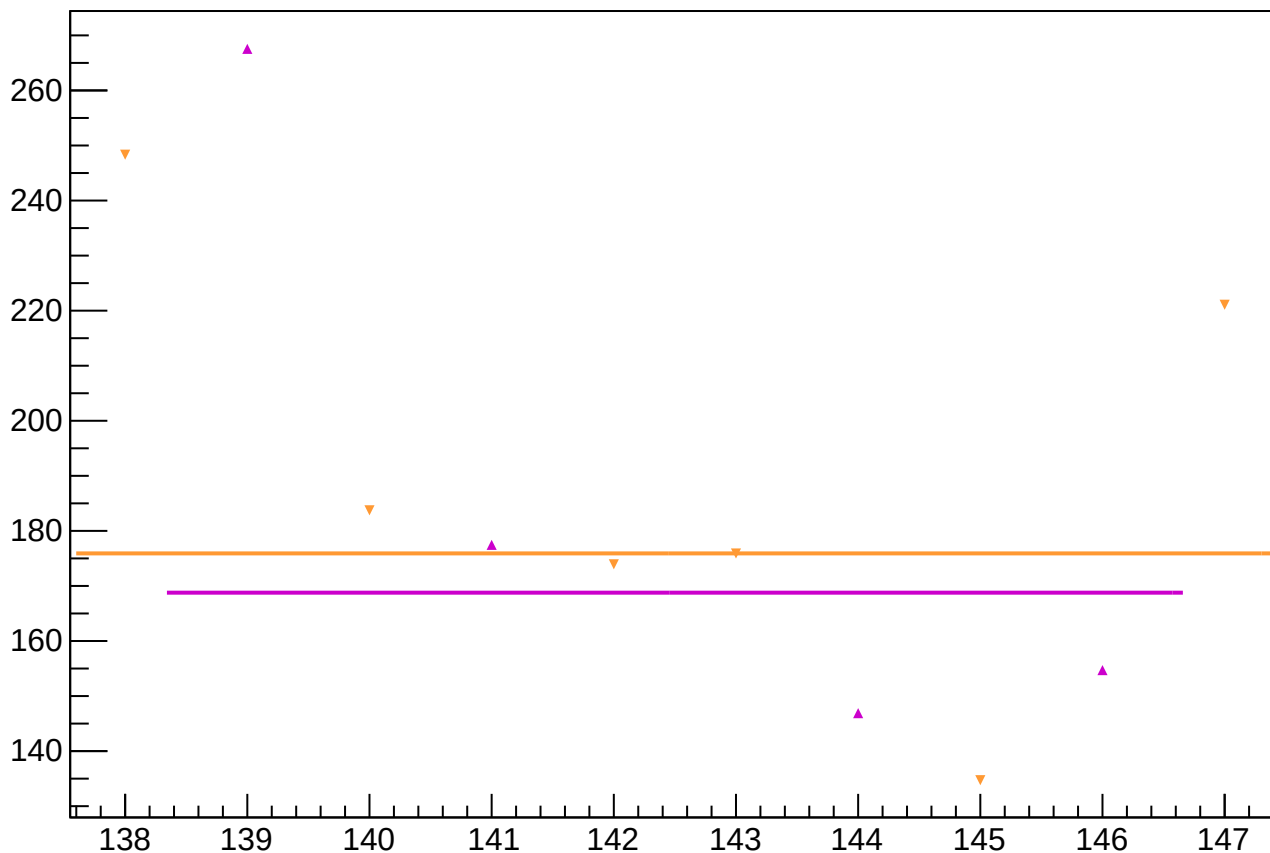
Left In: 33.987+/-95.071 χ^2/NDF :3.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.351+/-64.674 χ^2/NDF : 23.0/9

- 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: 175.912+/-0.062 χ^2/NDF : 332916.2/5

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

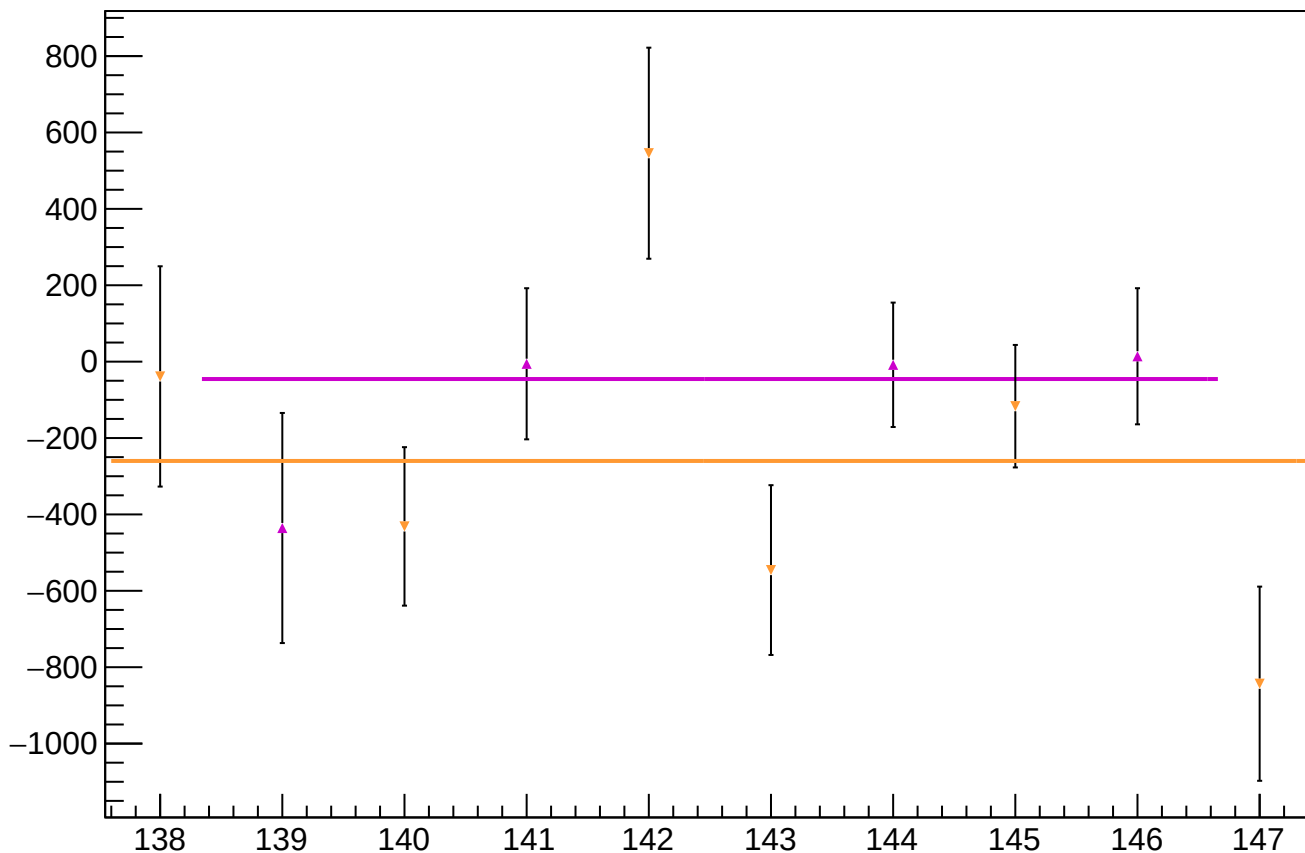
Left In: 168.778+/-0.067 χ^2/NDF : 271839.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.611+/-0.046 χ^2/NDF : 610805.6/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



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

Left Out: -260.001+/-90.184 χ^2/NDF :17.5/5

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

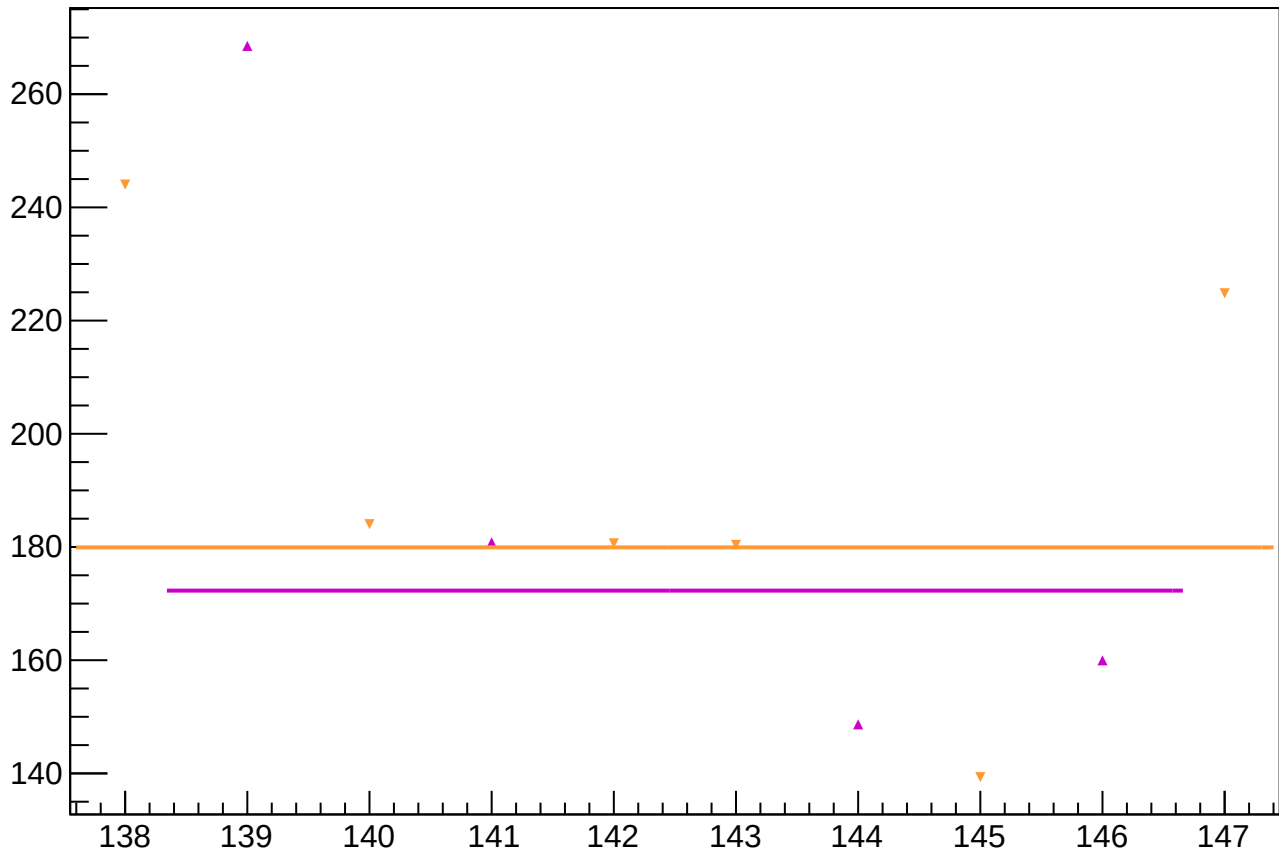
Left In: -45.491+/-97.235 χ^2/NDF :1.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.805+/-66.122 χ^2/NDF : 22.0/9

- sign 0.000+/-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: 179.934+/-0.064 χ^2/NDF : 290107.3/5

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

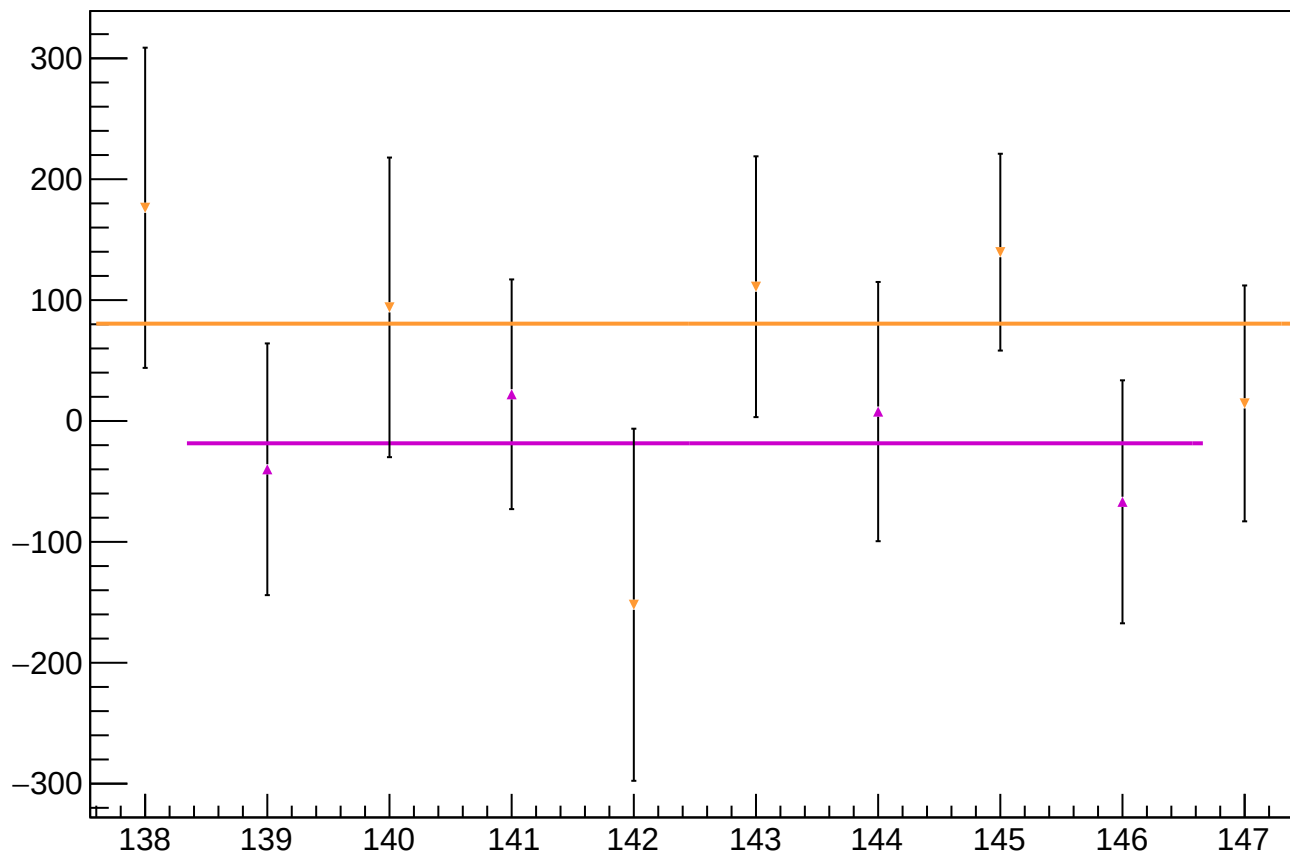
Left In: 172.294+/-0.069 χ^2/NDF : 259506.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.401+/-0.047 χ^2/NDF : 556249.7/9

- 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: 80.517+/-44.229 χ^2/NDF : 4.2/5

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

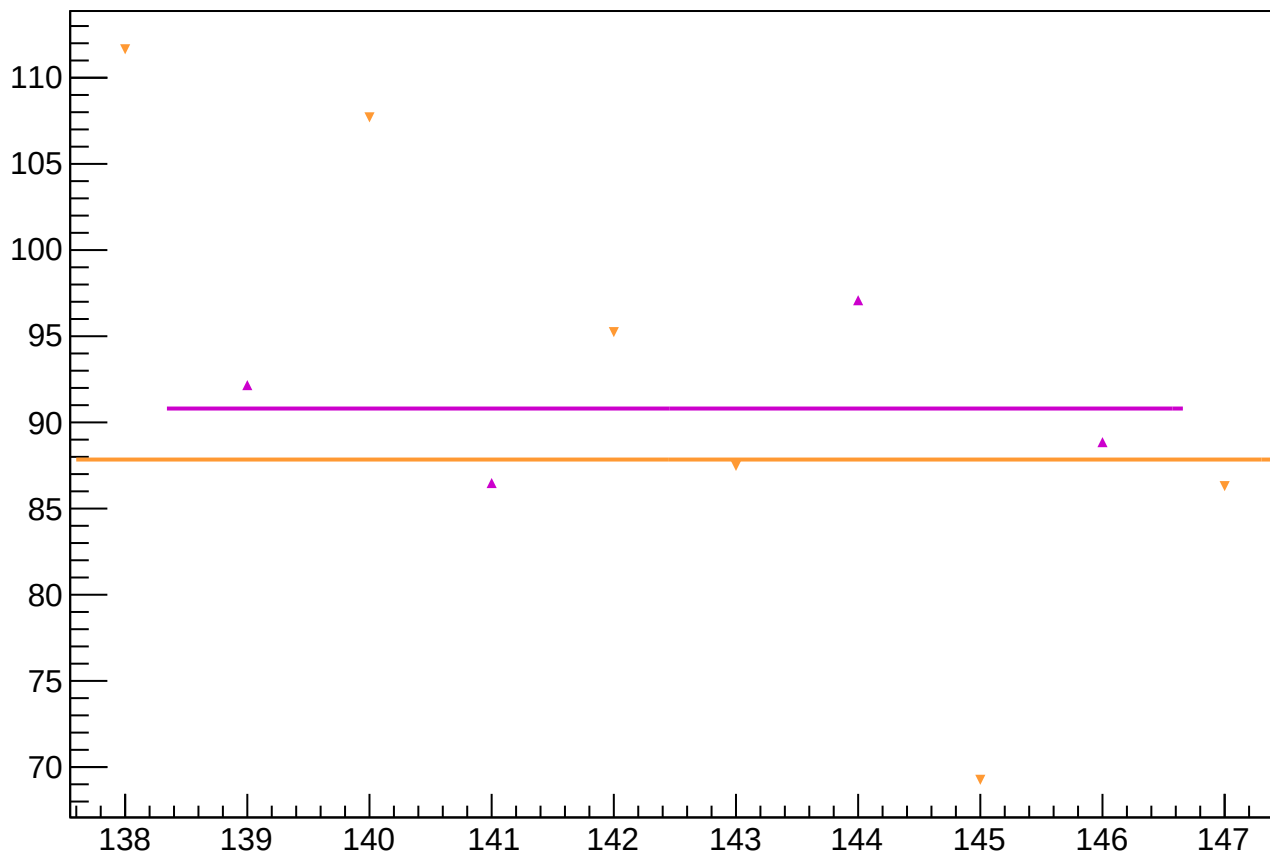
Left In: -18.449+/-50.700 χ^2/NDF : 0.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.749+/-33.329 χ^2/NDF : 6.8/9

- 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: 87.845+/-0.031 χ^2/NDF : 225873.6/5

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

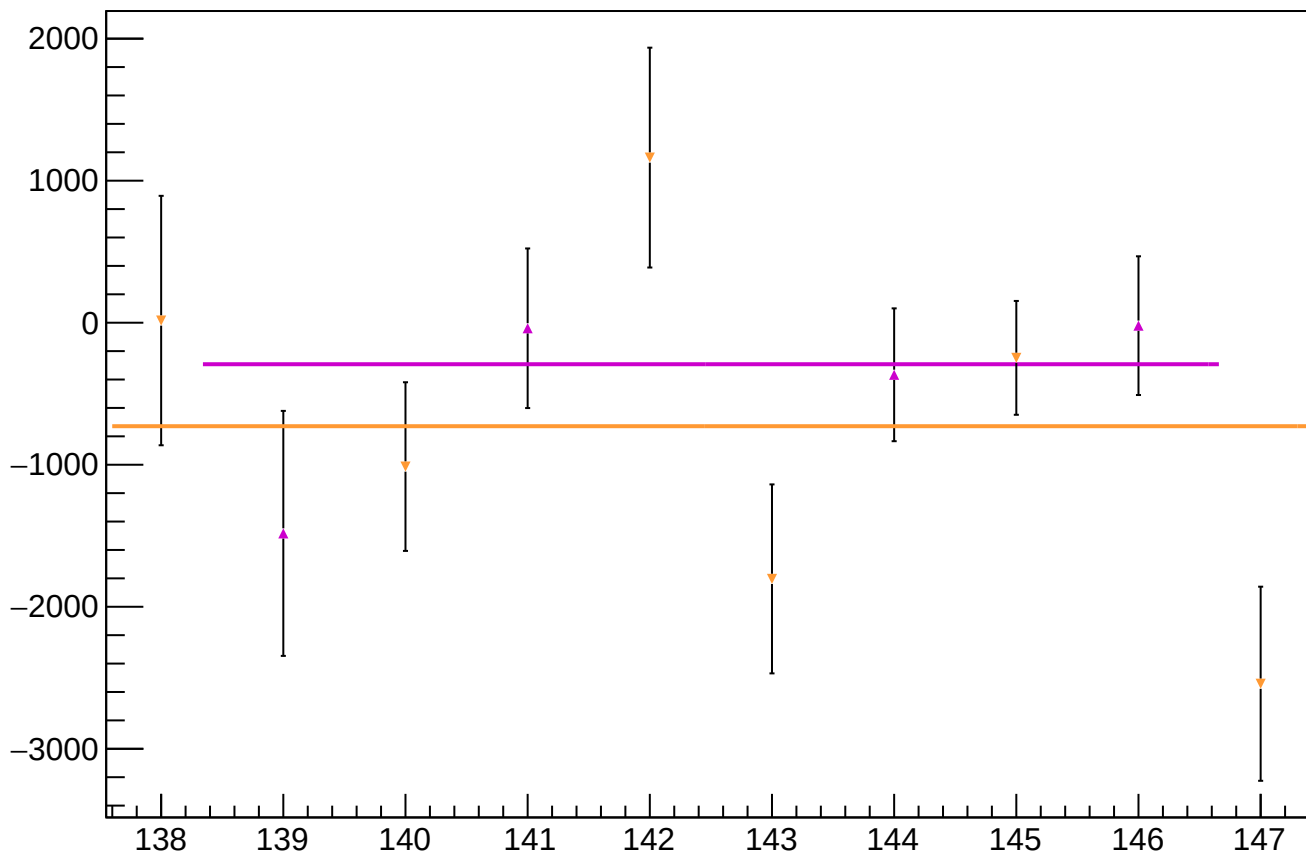
Left In: 90.805+/-0.036 χ^2/NDF : 12106.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.124+/-0.024 χ^2/NDF : 241850.9/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -728.701 $\pm$ 246.708 χ^2 /NDF:18.0/5

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

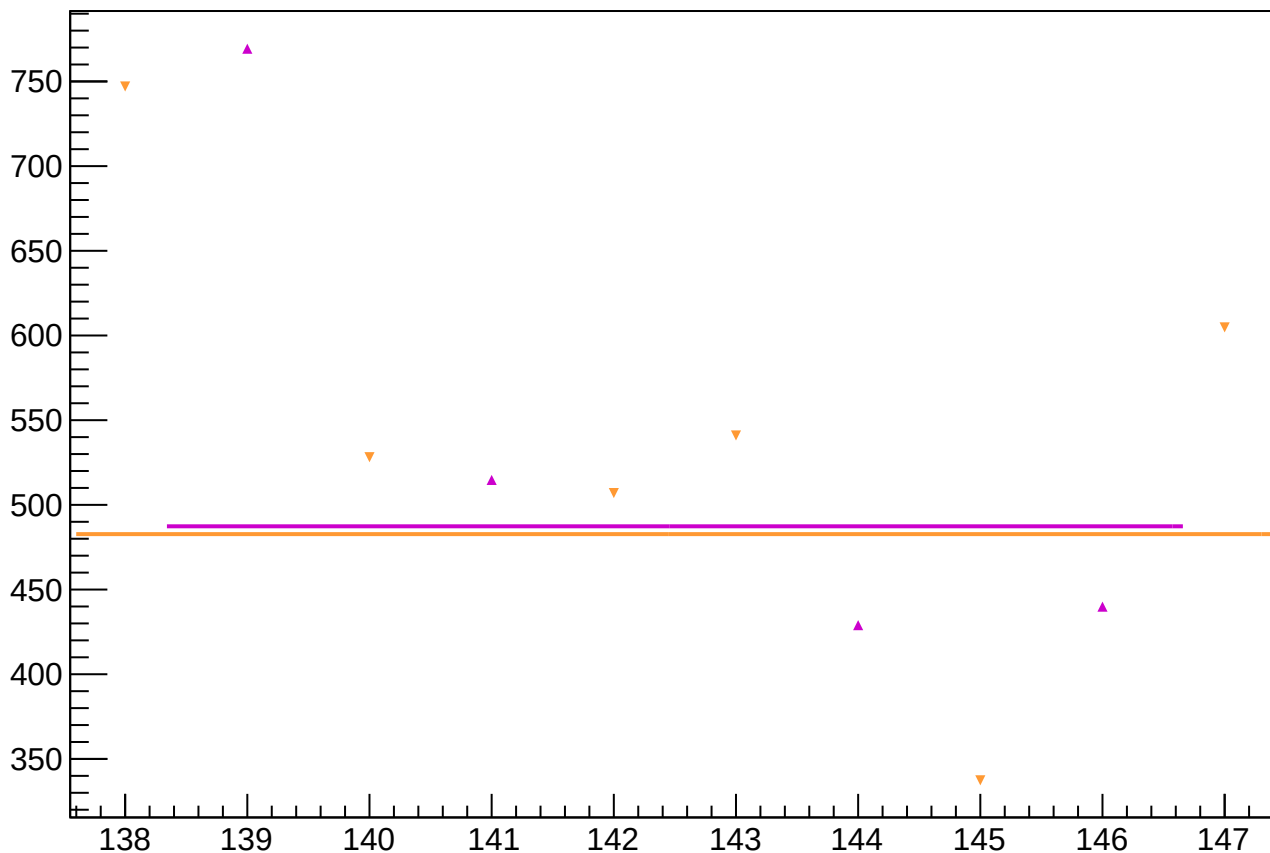
Left In: -292.290 $\pm$ 274.438 χ^2 /NDF:2.4/3

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

All: -533.651 $\pm$ 183.472 χ^2 /NDF: 21.9/9

- sign 0.000 $\pm$ 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: 482.729+/-0.174 χ^2/NDF : 537091.3/5

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

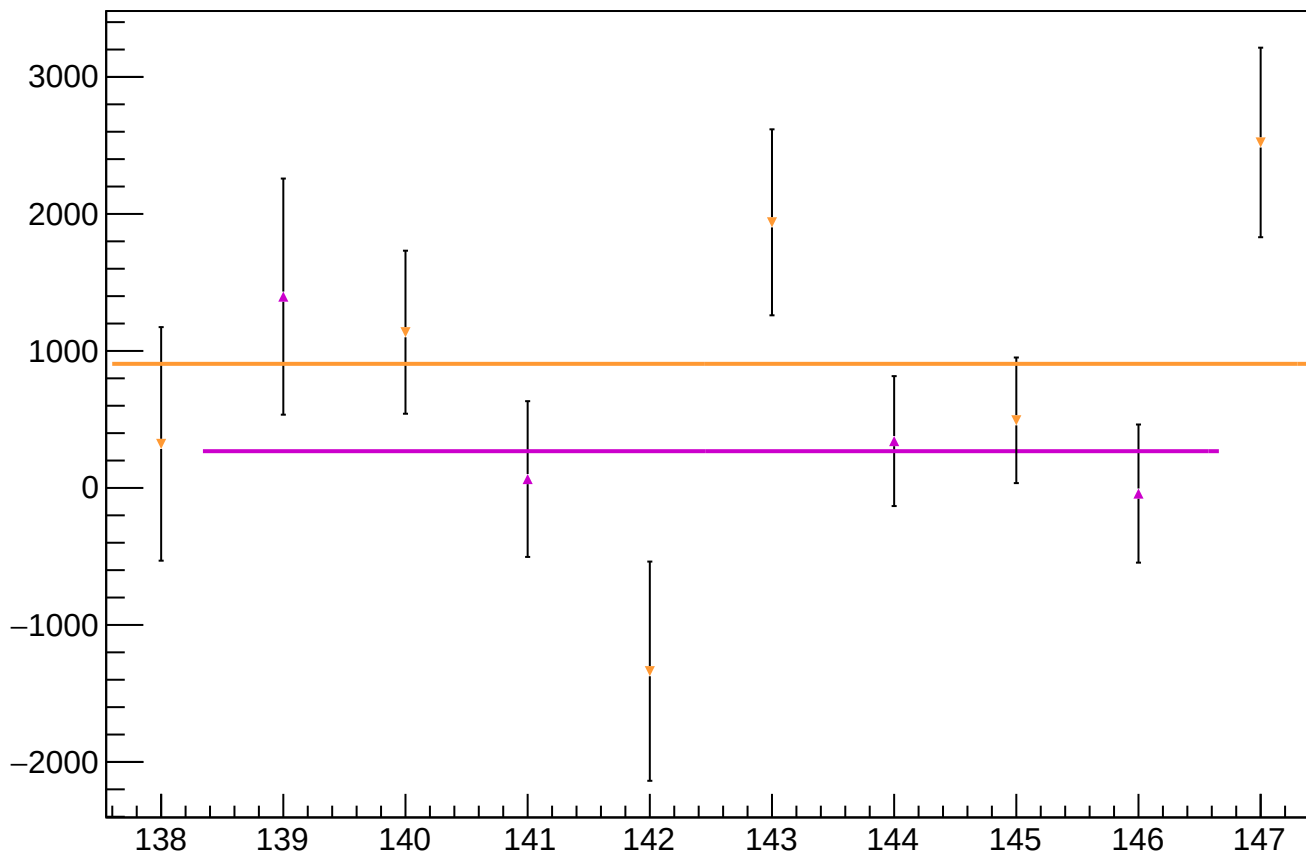
Left In: 487.344+/-0.194 χ^2/NDF : 268535.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.792+/-0.130 χ^2/NDF : 805940.0/9

- 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: 905.867+/-260.103 χ^2/NDF : 17.1/5

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

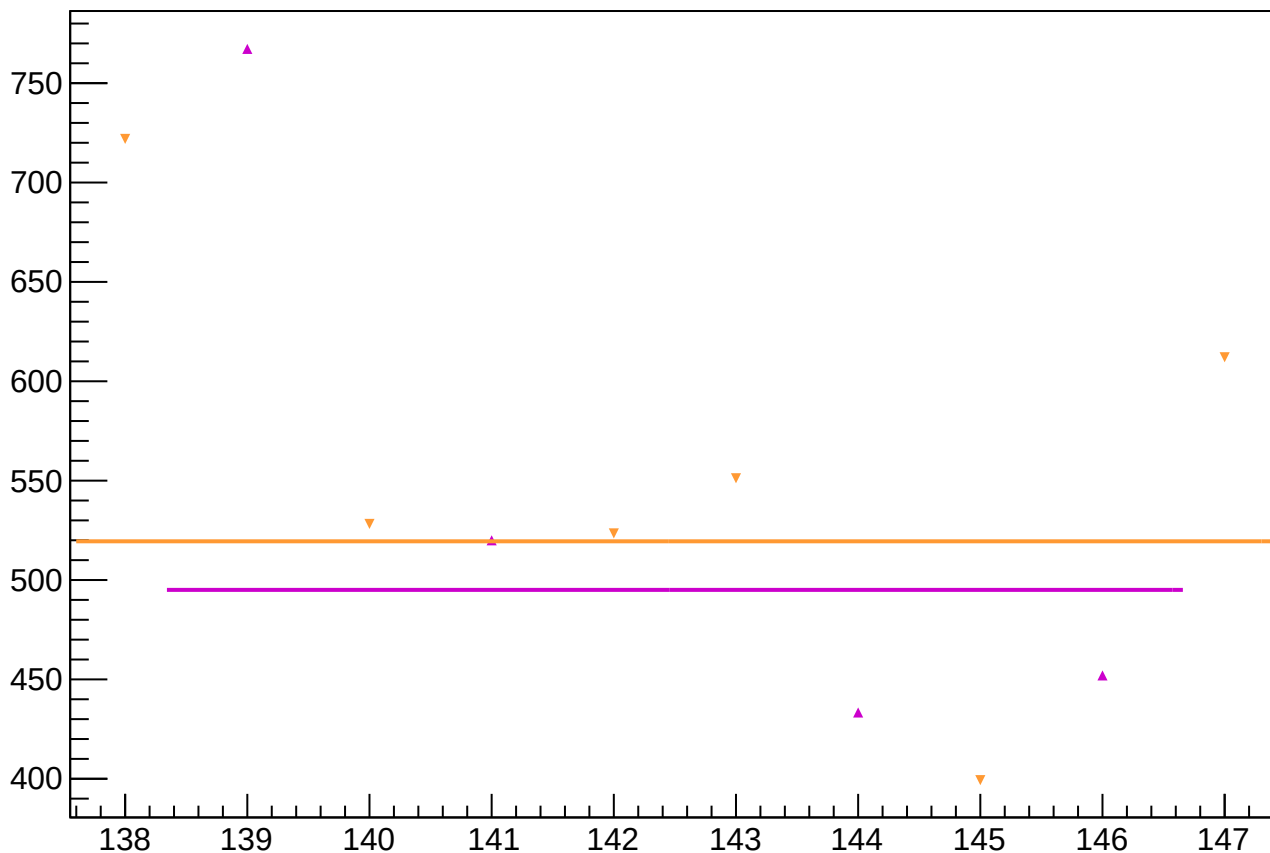
Left In: 268.308+/-279.263 χ^2/NDF : 2.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.707+/-190.334 χ^2/NDF : 22.1/9

- 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: 519.480+/-0.184 χ^2/NDF : 290966.6/5

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

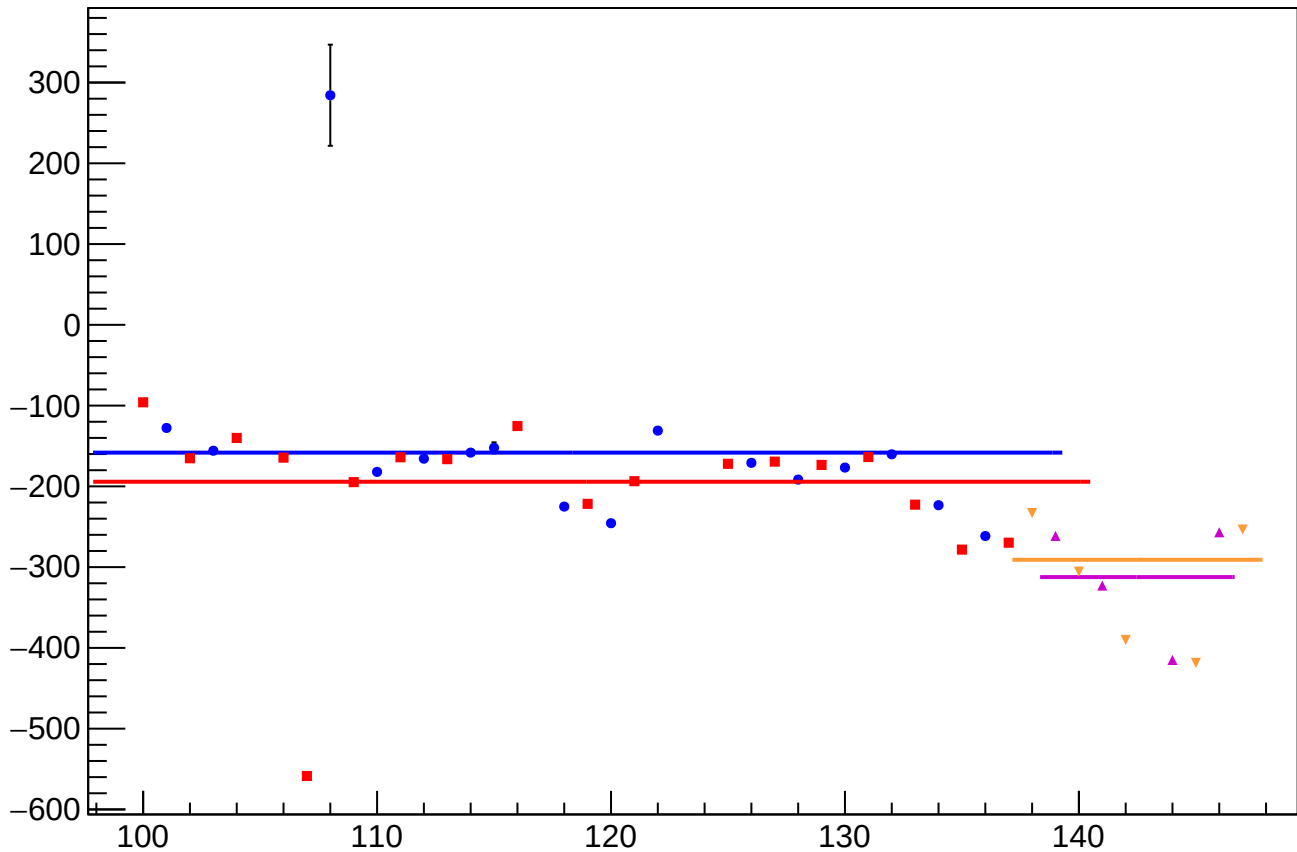
Left In: 495.041+/-0.197 χ^2/NDF : 251831.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.128+/-0.135 χ^2/NDF : 550999.8/9

- 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: -290.869 ± 0.395 χ^2/NDF : 17302.4/4

Right Out: -194.268 ± 0.165 χ^2/NDF : 176560.4/17

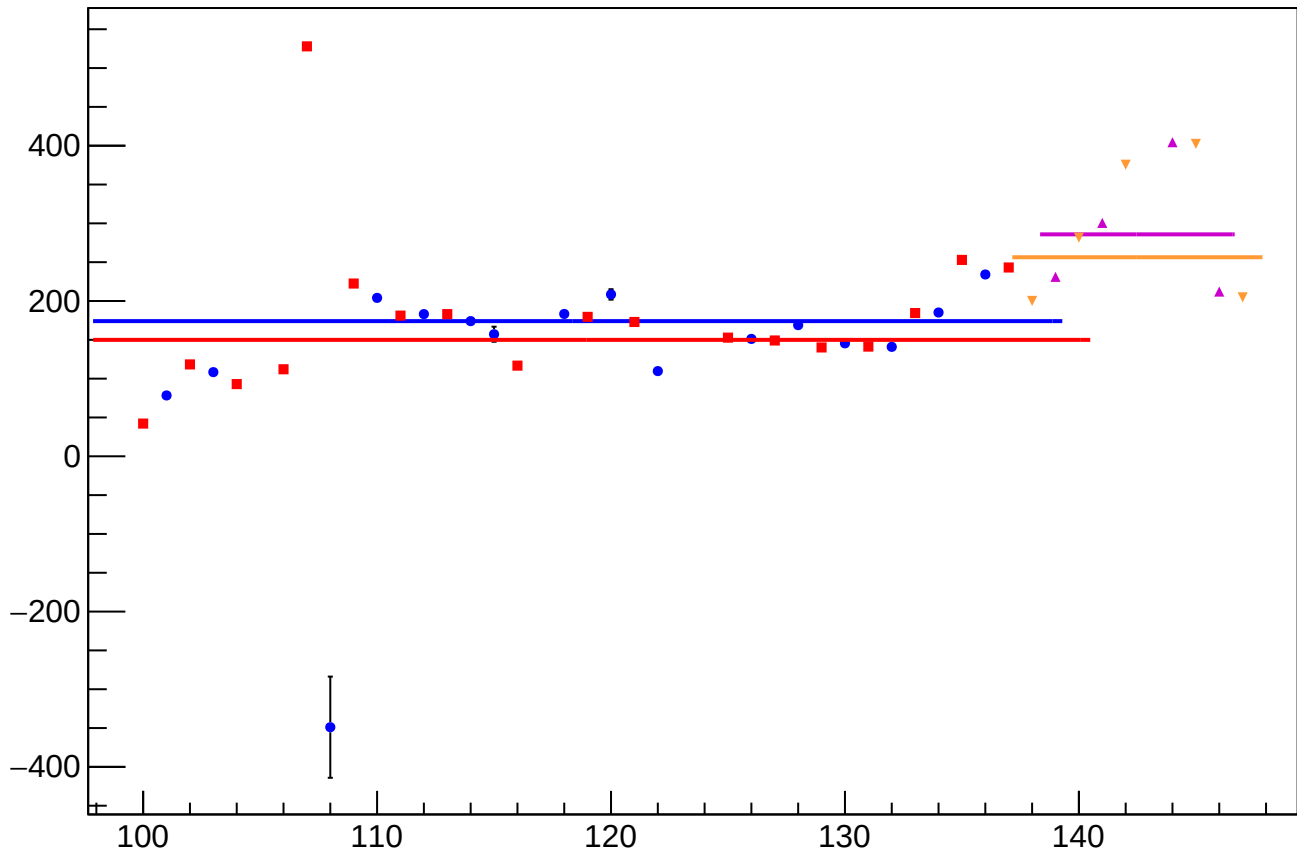
Left In: -312.329 ± 0.342 χ^2/NDF : 17602.6/3

+ sign -158.222 ± 0.000 χ^2/NDF : 247416.5/20

All: -158.222 ± 0.000 χ^2/NDF : 691758.3/42

- sign -216.546 ± 0.149 χ^2/NDF : 290601.7/21

dit_usl_4eX_slope vs Slug



Right In: 174.085 $\pm$ 0.000 χ^2 /NDF: 53377.4/15

Left Out: 256.349 $\pm$ 0.420 χ^2 /NDF:20484.3/4

Right Out: 149.948 $\pm$ 0.196 χ^2 /NDF: 167846.4/17

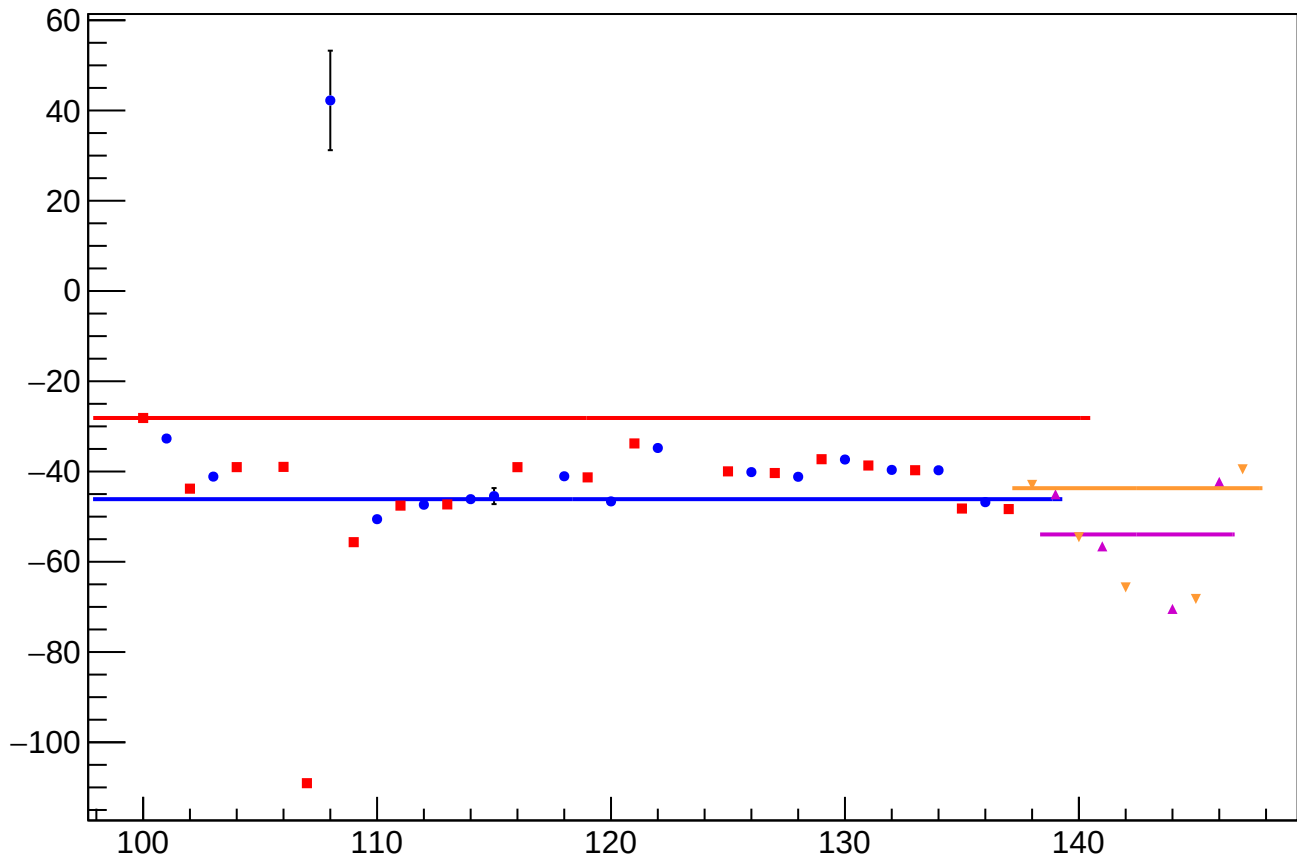
Left In: 285.831 $\pm$ 0.366 χ^2 /NDF:20206.2/3

+ sign 174.085 $\pm$ 0.000 χ^2 /NDF: 112314.9/20

All: 174.085 $\pm$ 0.000 χ^2 /NDF: 408746.8/42

- sign 180.102 $\pm$ 0.172 χ^2 /NDF: 295214.8/21

dit_usl_11X12X_slope vs Slug



Right In: -46.126 ± 0.000 $\chi^2/\text{NDF}: 201273.7/15$

Left Out: -43.695 ± 0.018 $\chi^2/\text{NDF}: 47465.3/4$

Right Out: -28.139 ± 0.000 $\chi^2/\text{NDF}: 746939.9/17$

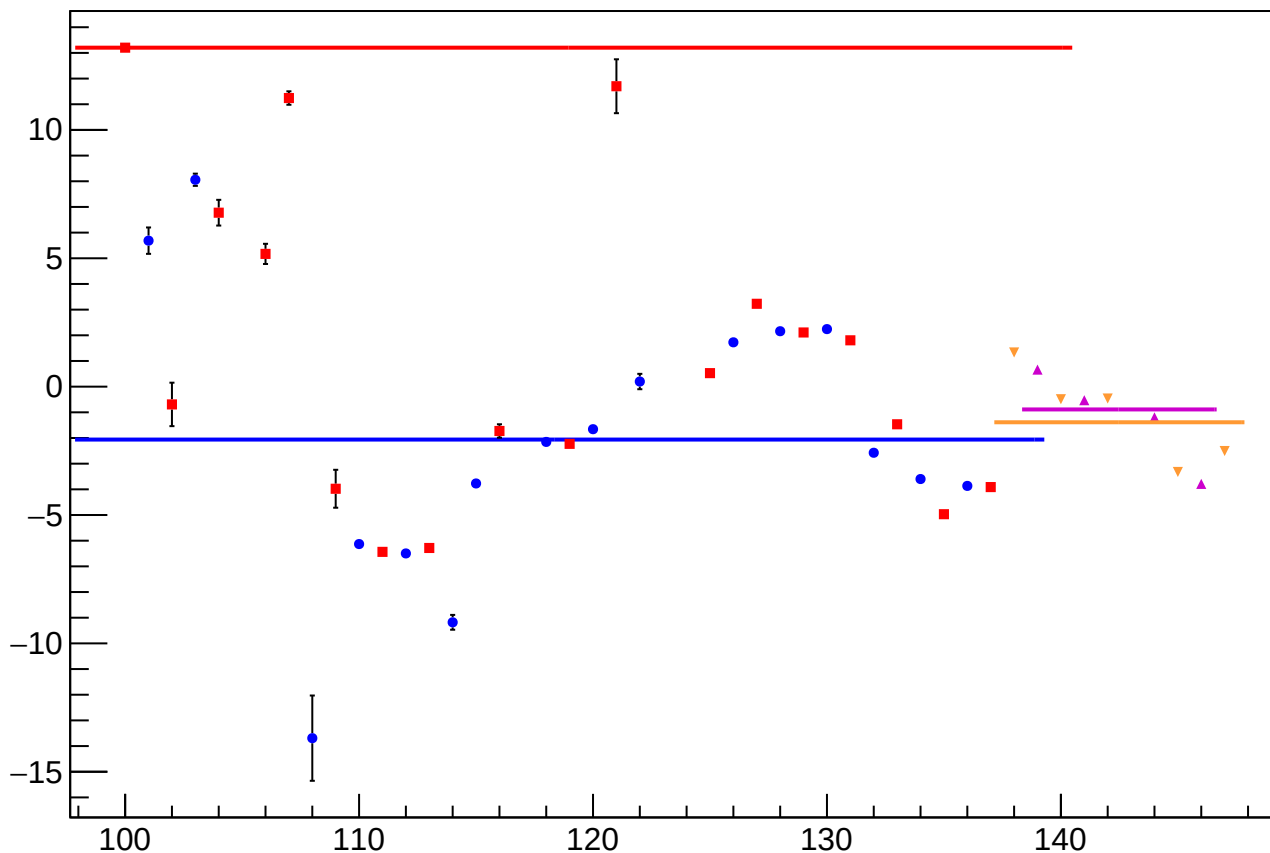
Left In: -53.943 ± 0.040 $\chi^2/\text{NDF}: 33221.8/3$

+ sign -46.126 ± 0.000 $\chi^2/\text{NDF}: 267797.4/20$

All: -39.778 ± 0.000 $\chi^2/\text{NDF}: 248795993231$

- sign -28.139 ± 0.000 $\chi^2/\text{NDF}: 1198837.5/21$

dit_usl_4aY_slope vs Slug



Right In: -2.061 ± 0.018 χ^2/NDF : 25665.1/15

Left Out: -1.387 ± 0.017 χ^2/NDF : 6410.4/4

Right Out: 13.204 ± 0.000 χ^2/NDF : 509721.0/17

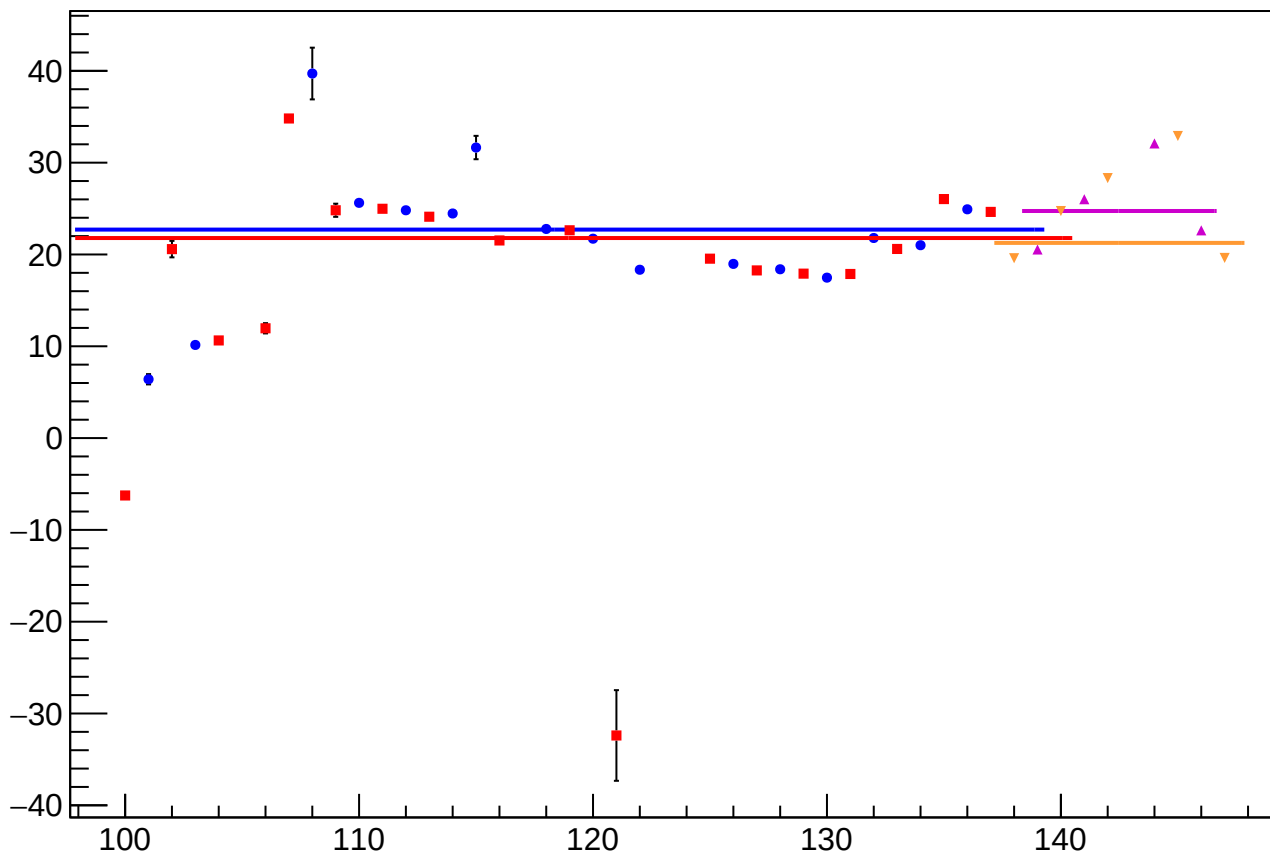
Left In: -0.888 ± 0.020 χ^2/NDF : 4674.9/3

+ sign -1.717 ± 0.012 χ^2/NDF : 32804.0/20

All: 13.204 ± 0.000 χ^2/NDF : 2488255.6/42

- sign 13.204 ± 0.000 χ^2/NDF : 1025062.6/21

dit_usl_4eY_slope vs Slug



Right In: 22.711 $\pm$ 0.019 χ^2 /NDF: 22767.9/15

Left Out: 21.261 $\pm$ 0.029 χ^2 /NDF:11286.6/4

Right Out: 21.790 $\pm$ 0.022 χ^2 /NDF: 26670.9/17

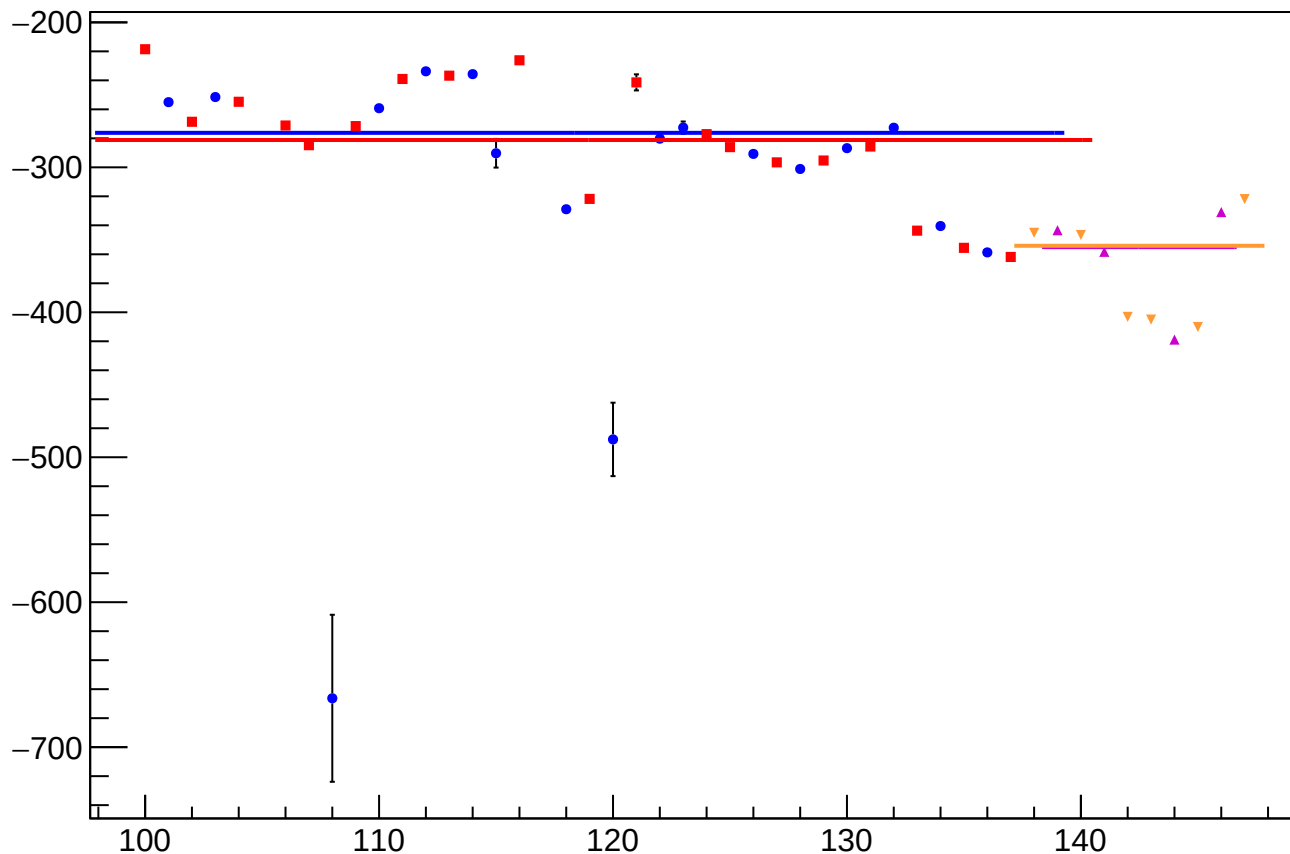
Left In: 24.736 $\pm$ 0.035 χ^2 /NDF:8447.9/3

+ sign 22.285 $\pm$ 0.016 χ^2 /NDF: 35806.8/20

All: 22.411 $\pm$ 0.012 χ^2 /NDF: 76116.7/42

- sign 22.583 $\pm$ 0.018 χ^2 /NDF: 40159.3/21

dit_usr_4aX_slope vs Slug



Right In: -276.201 $\pm$ 0.167 χ^2 /NDF: 58107.7/16

Left Out: -354.110 $\pm$ 0.255 χ^2 /NDF: 14161.6/5

Right Out: -281.150 $\pm$ 0.148 χ^2 /NDF: 77611.5/18

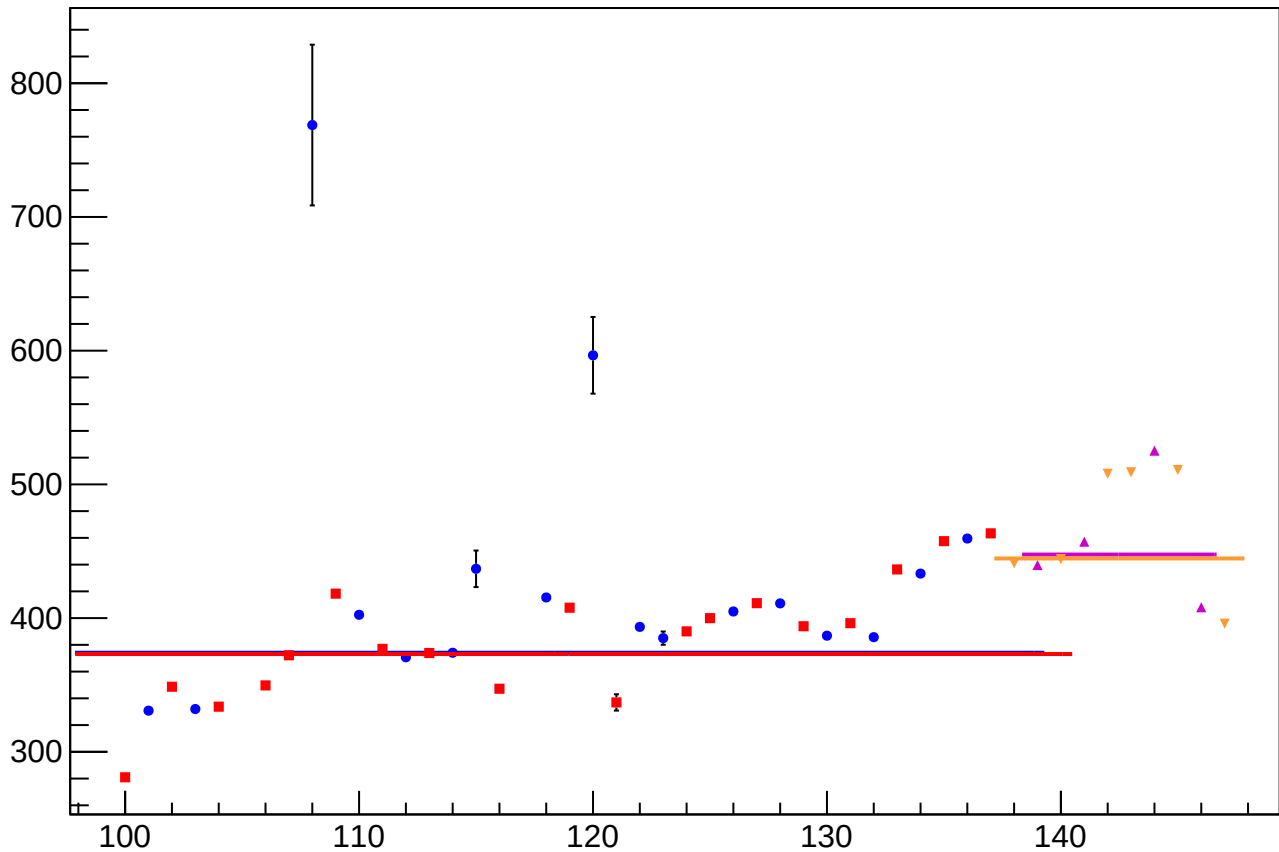
Left In: -355.047 $\pm$ 0.217 χ^2 /NDF: 14527.4/3

+ sign -299.531 $\pm$ 0.139 χ^2 /NDF: 137781.5/22

All: -302.318 $\pm$ 0.092 χ^2 /NDF: 309725.4/45

- sign -304.455 $\pm$ 0.122 χ^2 /NDF: 171237.8/22

dit_usr_4eX_slope vs Slug



Right In: 374.094 $\pm$ 0.000 χ^2 /NDF: 35072.0/16

Left Out: 444.612 $\pm$ 0.266 χ^2 /NDF:23766.5/5

Right Out: 373.134 $\pm$ 0.158 χ^2 /NDF: 108219.4/18

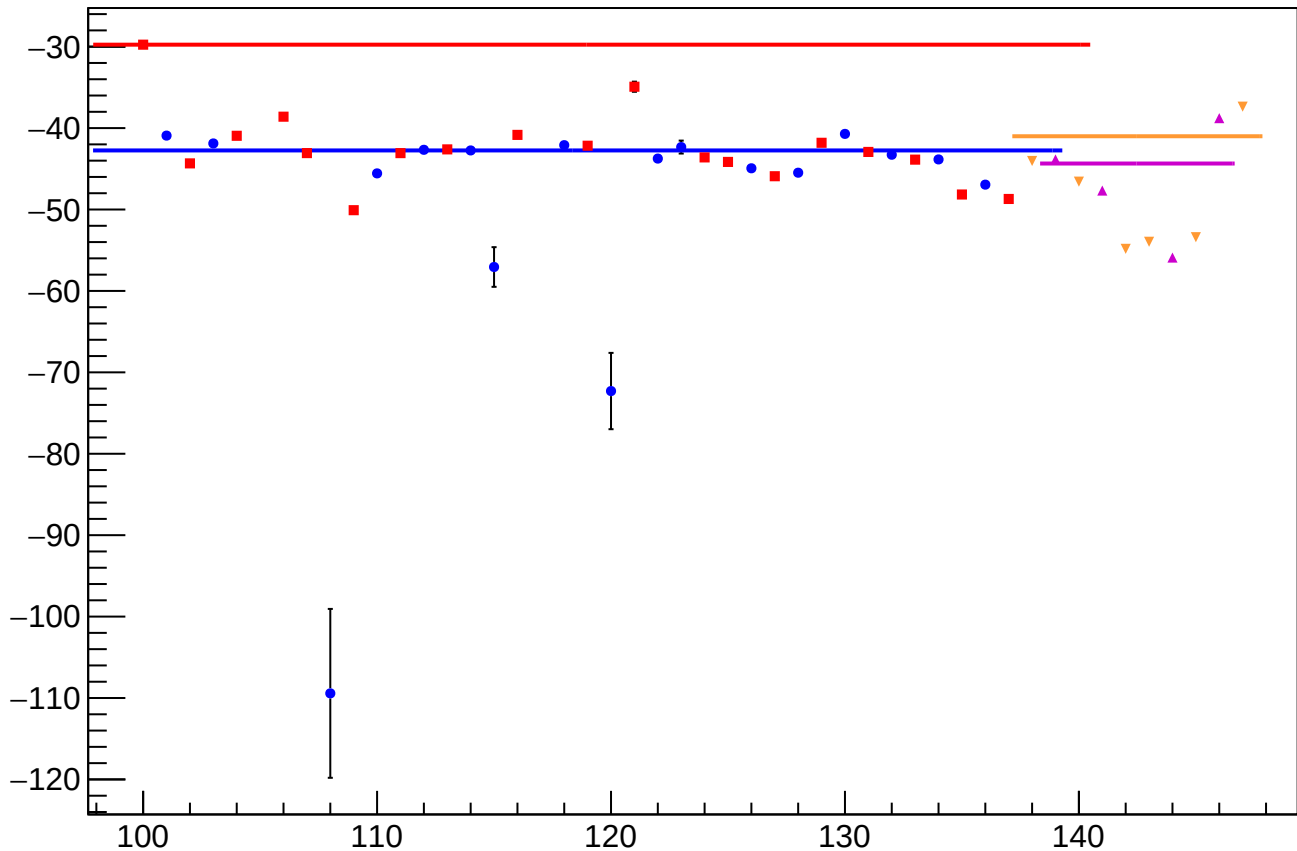
Left In: 447.522 $\pm$ 0.229 χ^2 /NDF:19471.8/3

+ sign 374.094 $\pm$ 0.000 χ^2 /NDF: 128962.9/22

All: 374.094 $\pm$ 0.000 χ^2 /NDF: 359161.5/45

- sign 397.060 $\pm$ 0.130 χ^2 /NDF: 199032.0/22

dit_usr_11X12X_slope vs Slug



Right In: -42.744 $\pm$ 0.000 χ^2 /NDF: 13262.6/16

Left Out: -41.002 $\pm$ 0.013 χ^2 /NDF:166463.2/5

Right Out: -29.754 $\pm$ 0.000 χ^2 /NDF: 483930.3/18

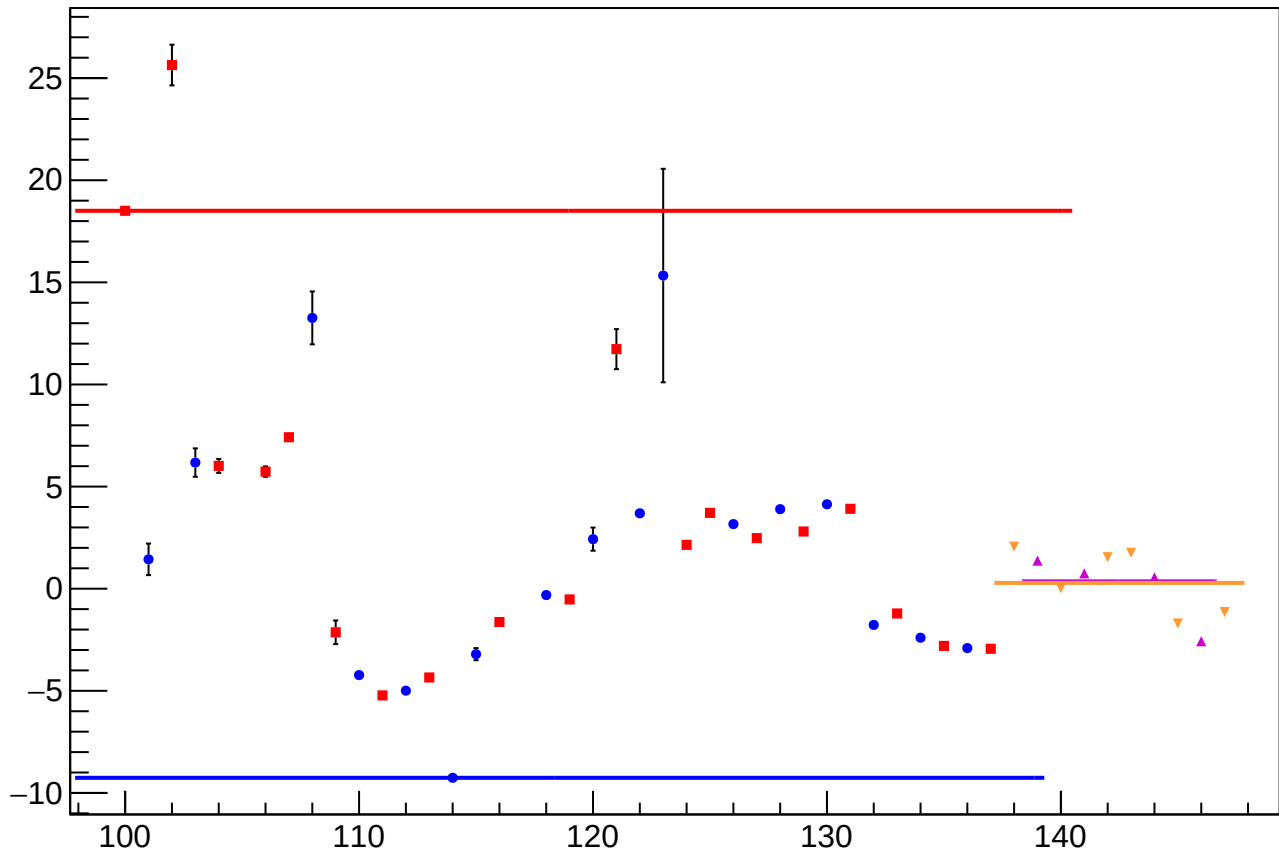
Left In: -44.352 $\pm$ 0.020 χ^2 /NDF:31099.1/3

+ sign -42.744 $\pm$ 0.000 χ^2 /NDF: 198458.9/22

All: -38.159 $\pm$ 0.000 χ^2 /NDF: 129765212680

- sign -29.754 $\pm$ 0.000 χ^2 /NDF: 1050535.8/22

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 χ^2/NDF : 405850.5/16

Left Out: 0.284 ± 0.015 χ^2/NDF : 7097.4/5

Right Out: 18.504 ± 0.000 χ^2/NDF : 7366781.0/18

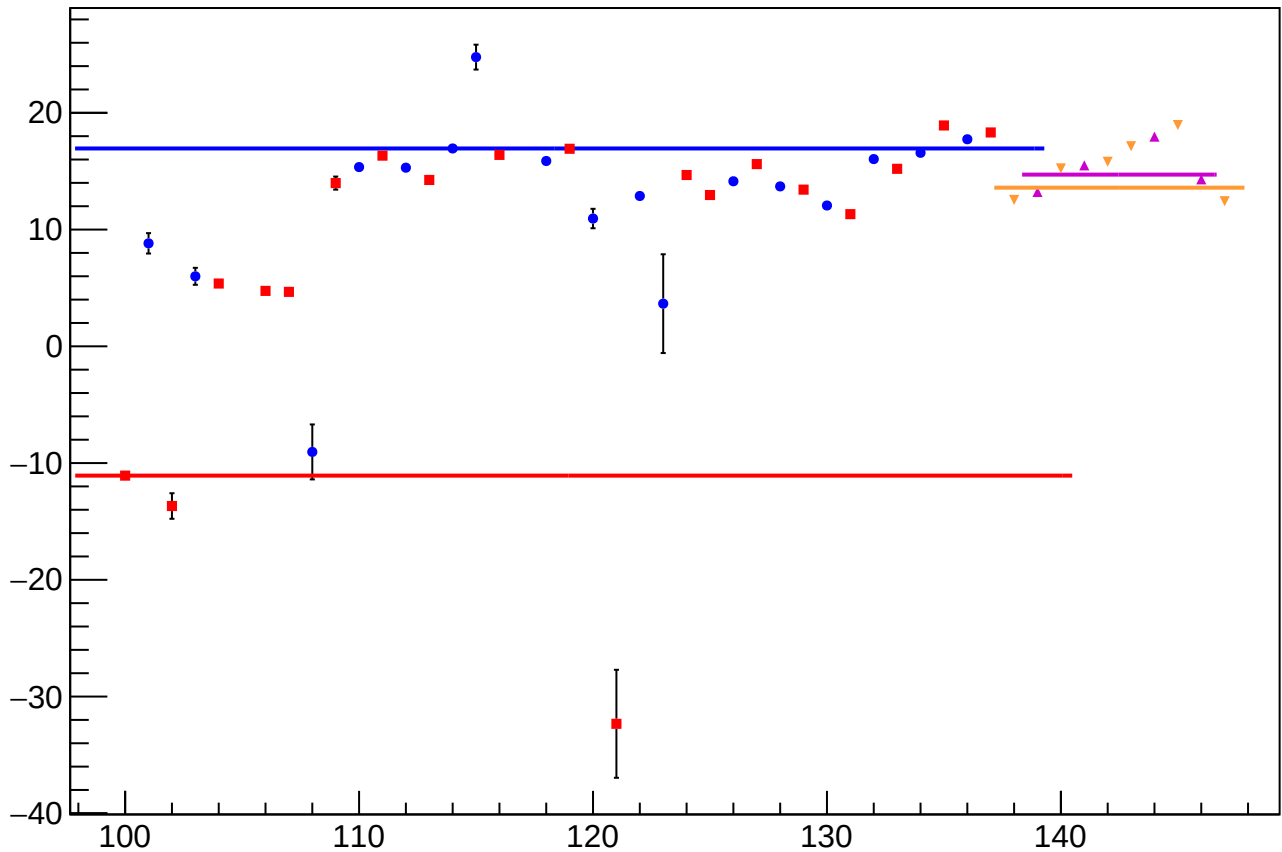
Left In: 0.361 ± 0.018 χ^2/NDF : 4657.7/3

+ sign -9.259 ± 0.000 χ^2/NDF : 808835.5/22

All: 6.039 ± 0.000 χ^2/NDF : 1645057450595

- sign 18.504 ± 0.000 χ^2/NDF : 8442646.8/22

dit_usr_4eY_slope vs Slug



Right In: 16.947 ± 0.000 $\chi^2/\text{NDF}: 11231.8/16$

Left Out: 13.588 ± 0.016 $\chi^2/\text{NDF}: 11620.3/5$

Right Out: -11.075 ± 0.000 $\chi^2/\text{NDF}: 2712010.0/18$

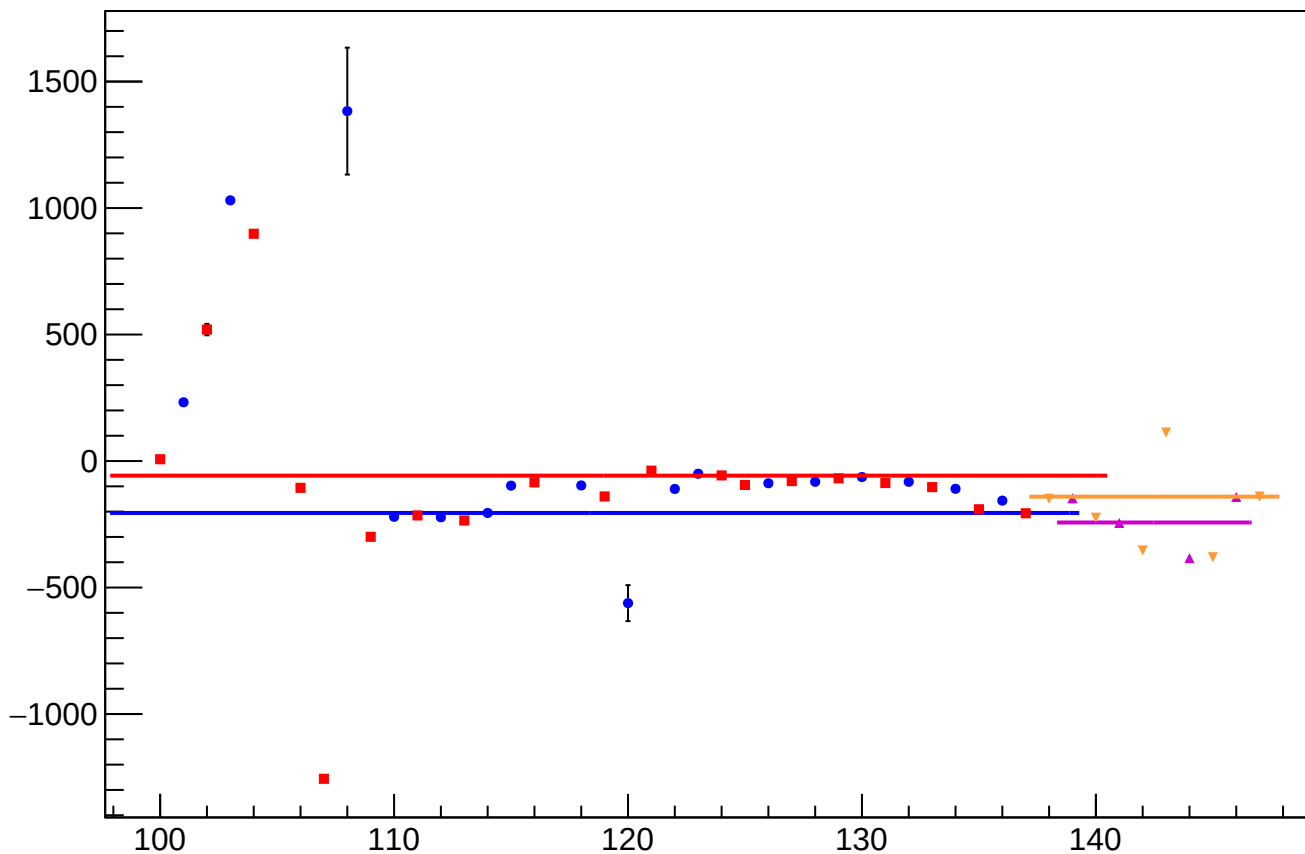
Left In: 14.708 ± 0.026 $\chi^2/\text{NDF}: 3146.2/3$

+ sign 16.947 ± 0.000 $\chi^2/\text{NDF}: 68523.4/22$

All: -2.268 ± 0.000 $\chi^2/\text{NDF}: 4692527454635$

- sign -11.075 ± 0.000 $\chi^2/\text{NDF}: 3727997.2/22$

dit_atl1_4aX_slope vs Slug



Right In: -205.160+/-0.000 χ^2/NDF : 582775.6/16

Left Out: -140.737+/-0.478 χ^2/NDF : 40888.8/5

Right Out: -57.684+/-0.283 χ^2/NDF : 114854.9/18

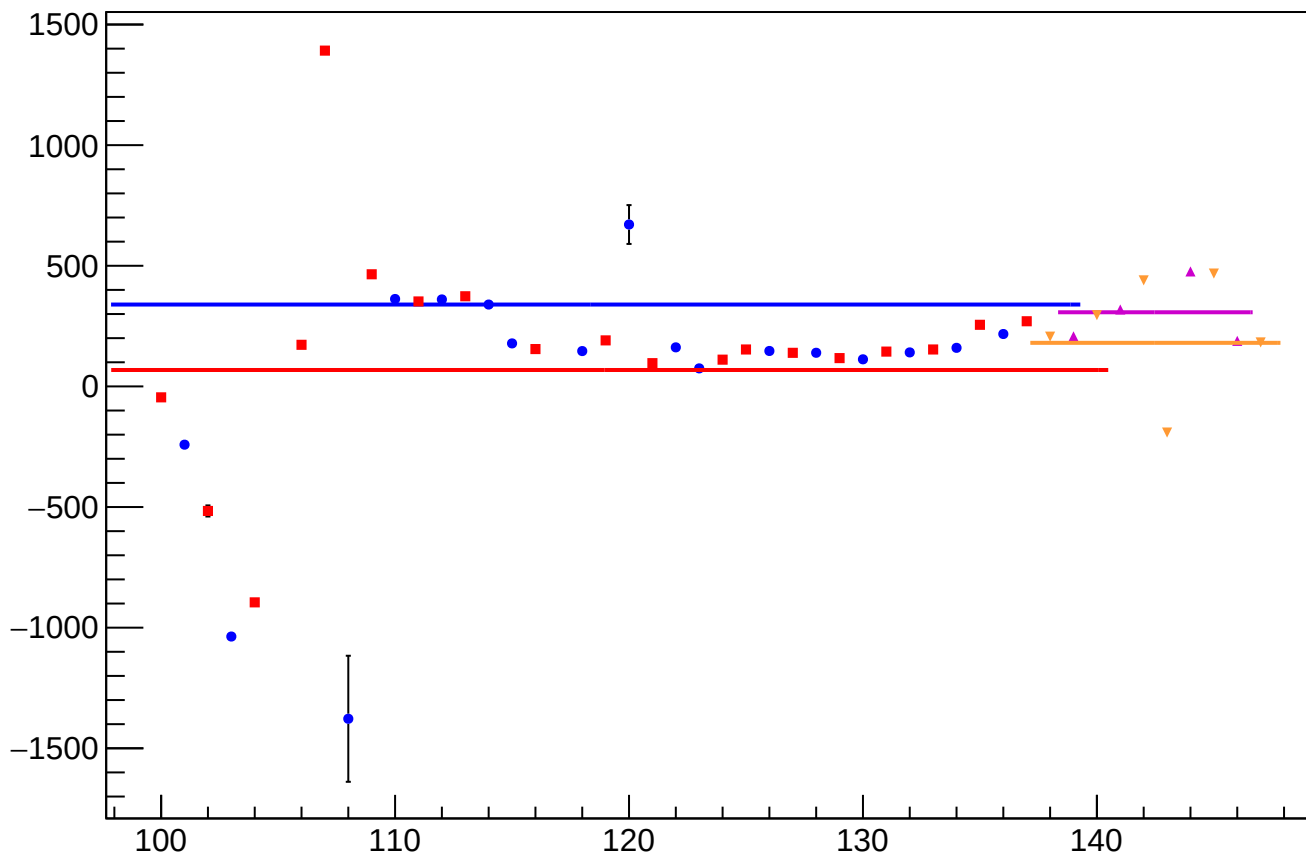
Left In: -242.908+/-0.690 χ^2/NDF : 17723.8/3

+ sign -205.160+/-0.000 χ^2/NDF : 641852.8/22

All: -205.160+/-0.000 χ^2/NDF : 1048317.3/45

- sign -84.420+/-0.262 χ^2/NDF : 194258.4/22

dit_atl1_4eX_slope vs Slug



Right In: 339.325+/-0.000 χ^2/NDF : 1030606.3/16

Left Out: 180.605+/-0.494 χ^2/NDF : 76564.4/5

Right Out: 68.024+/-0.286 χ^2/NDF : 272330.9/18

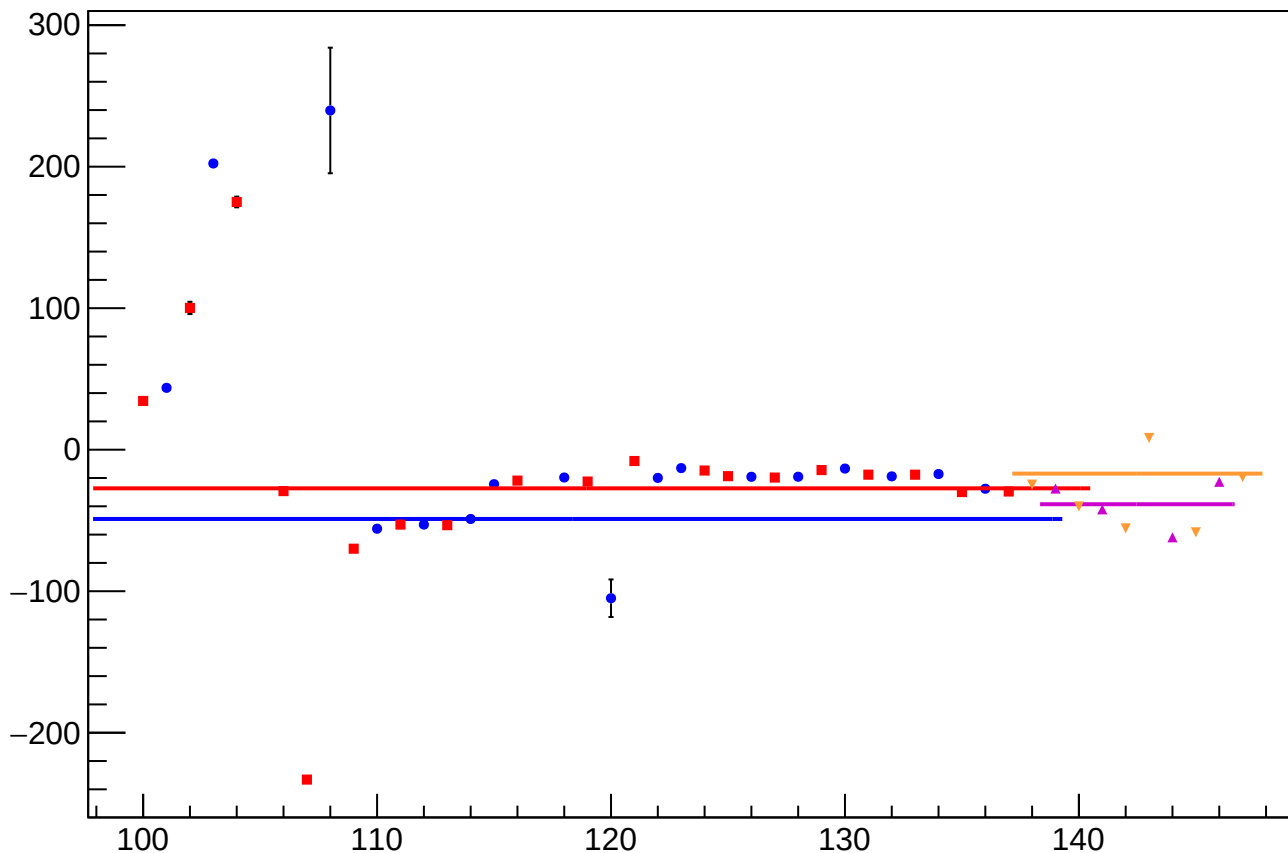
Left In: 307.291+/-0.742 χ^2/NDF : 19087.7/3

+ sign 339.325+/-0.000 χ^2/NDF : 1210302.3/22

All: 339.325+/-0.000 χ^2/NDF : 2402936.8/45

- sign 99.023+/-0.267 χ^2/NDF : 382045.1/22

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 $\chi^2/\text{NDF}: 5408370.4/16$

Left Out: -16.895 ± 0.021 $\chi^2/\text{NDF}: 527785.7/5$

Right Out: -27.303 ± 0.052 $\chi^2/\text{NDF}: 167879.9/18$

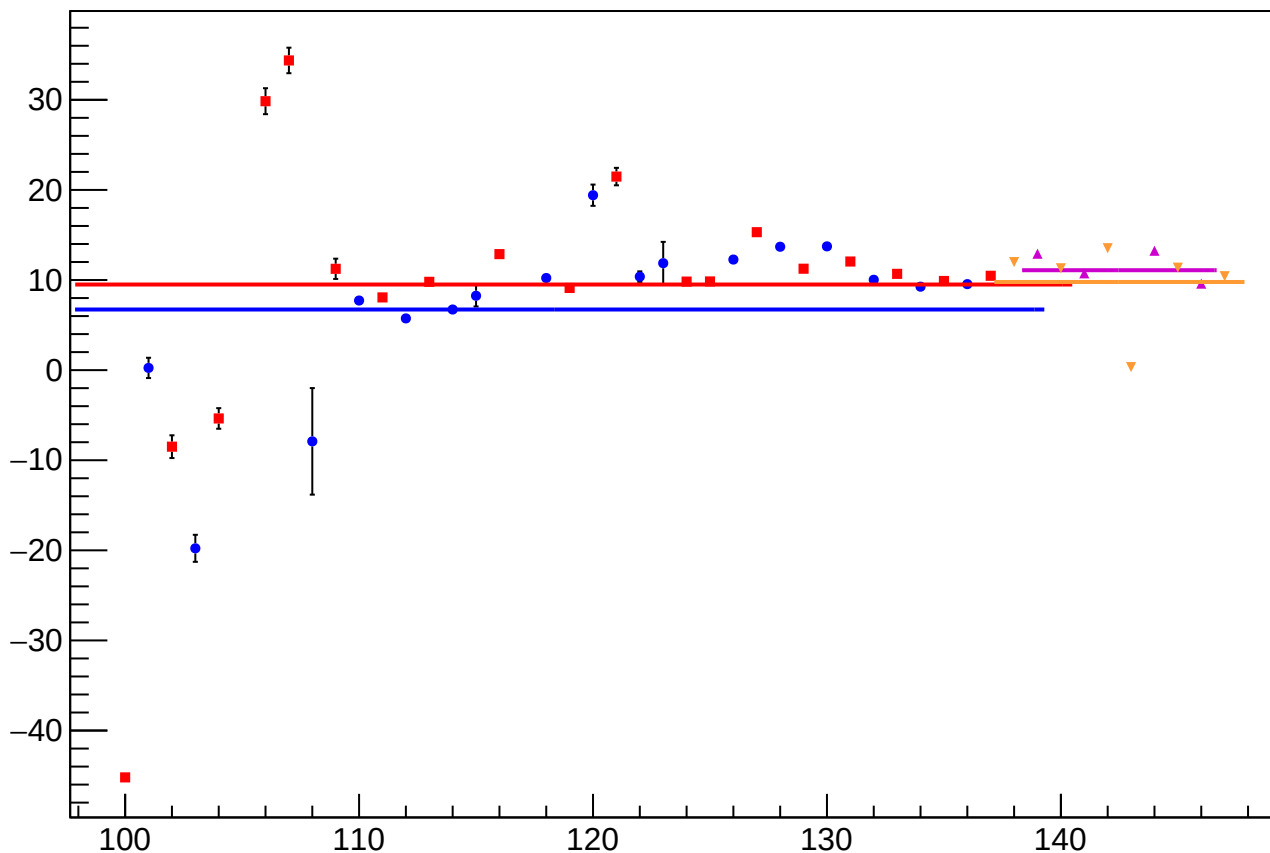
Left In: -38.538 ± 0.059 $\chi^2/\text{NDF}: 27812.1/3$

+ sign -48.945 ± 0.000 $\chi^2/\text{NDF}: 8304362.0/22$

All: -48.945 ± 0.000 $\chi^2/\text{NDF}: 8705997.9/45$

- sign -32.143 ± 0.039 $\chi^2/\text{NDF}: 216037.7/22$

dit_atl1_4aY_slope vs Slug



Right In: 6.728 ± 0.000 χ^2/NDF : 13749.2/16

Left Out: 9.784 ± 0.029 χ^2/NDF : 20554.4/5

Right Out: 9.502 ± 0.036 χ^2/NDF : 26822.1/18

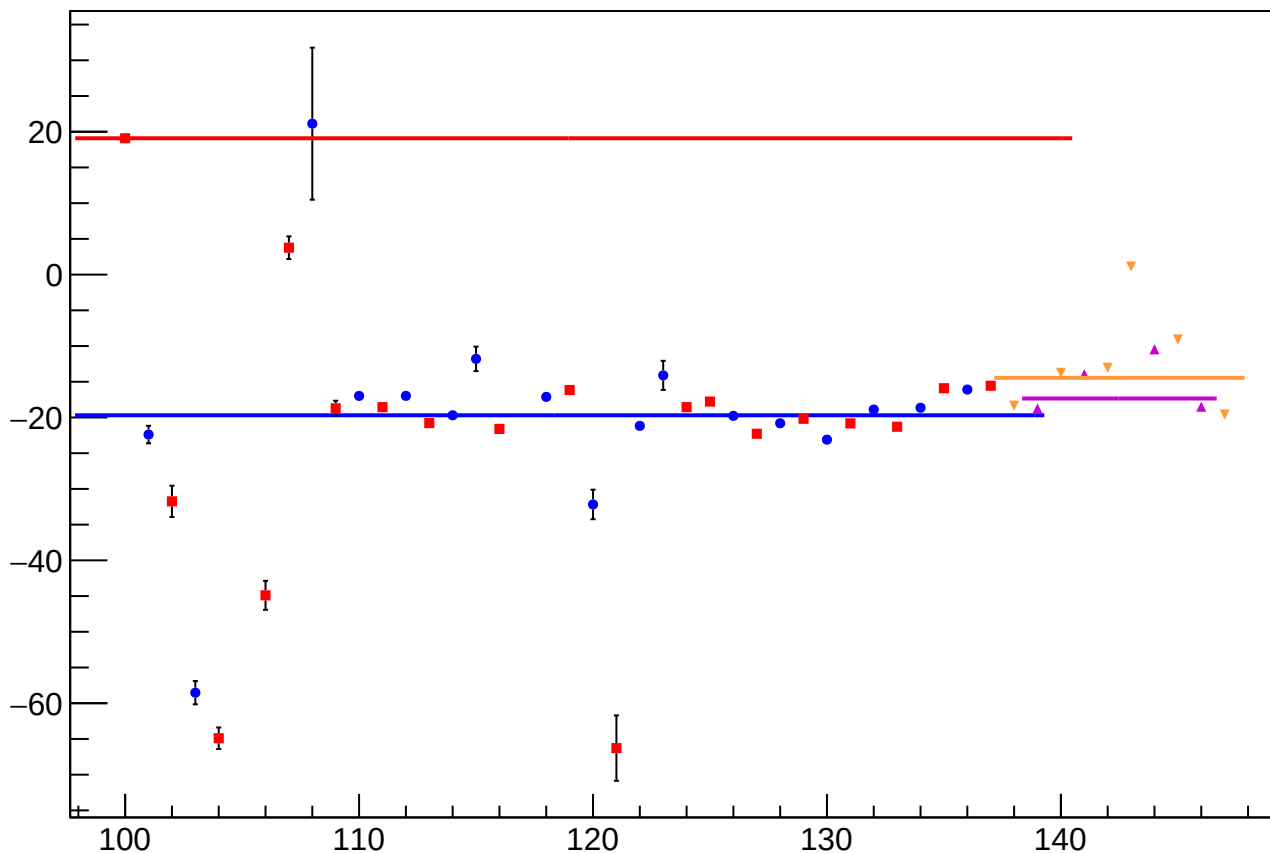
Left In: 11.090 ± 0.035 χ^2/NDF : 1983.5/3

+ sign 6.728 ± 0.000 χ^2/NDF : 45226.5/22

All: 6.728 ± 0.000 χ^2/NDF : 95374.8/45

- sign 10.303 ± 0.025 χ^2/NDF : 29808.4/22

dit_atl1_4eY_slope vs Slug



Right In: -19.693 ± 0.000 χ^2/NDF : 7579.0/16

Left Out: -14.449 ± 0.039 χ^2/NDF : 28038.2/5

Right Out: 19.086 ± 0.000 χ^2/NDF : 610746.9/18

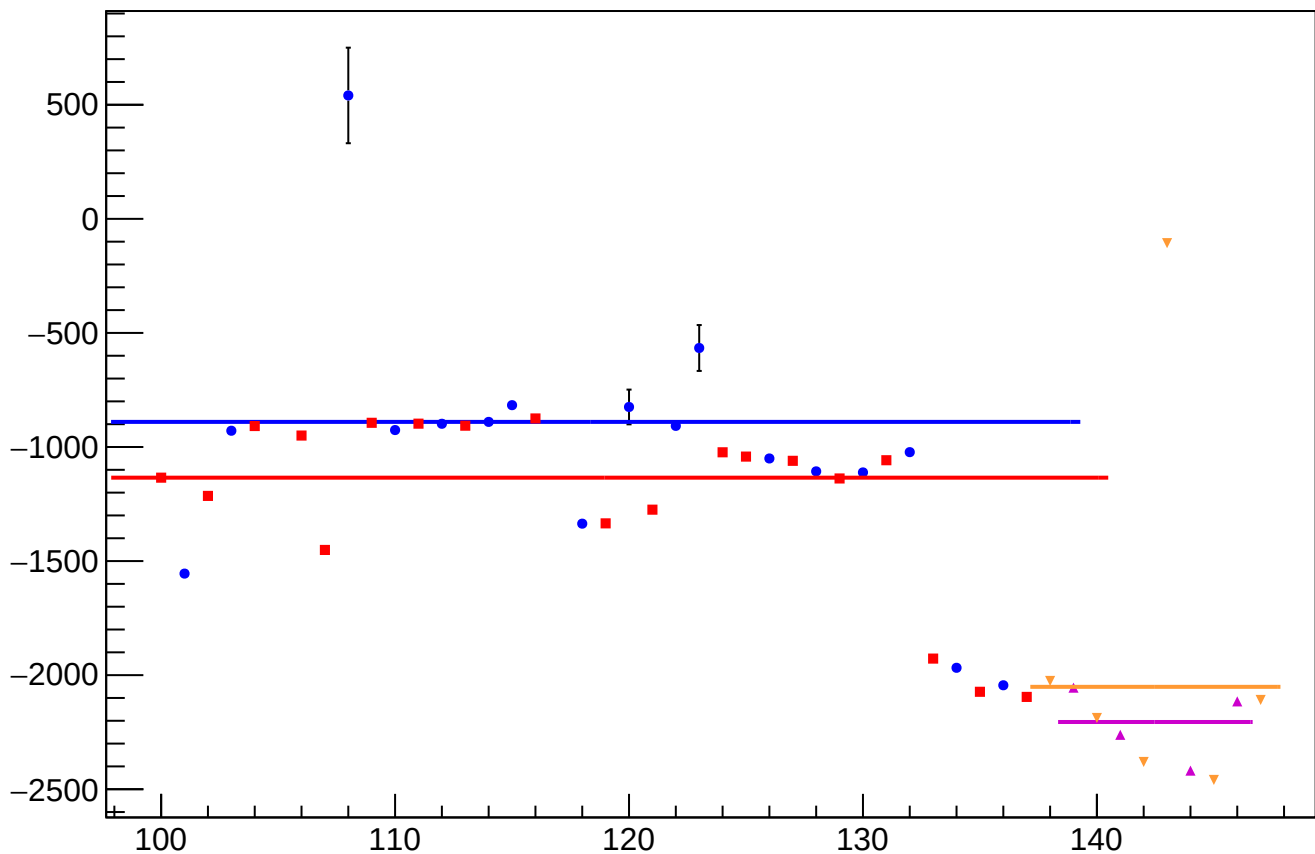
Left In: -17.343 ± 0.043 χ^2/NDF : 3468.0/3

+ sign -19.693 ± 0.000 χ^2/NDF : 53832.5/22

All: -6.006 ± 0.000 χ^2/NDF : 4625637731292

- sign 19.086 ± 0.000 χ^2/NDF : 1327355.7/22

dit_atl2_4aX_slope vs Slug



Right In: -889.928+/-0.000 χ^2/NDF : 775896.0/16

Left Out: -2051.245+/-1.009 χ^2/NDF : 255075.1/5

Right Out: -1134.421+/-0.000 χ^2/NDF : 733812.0/18

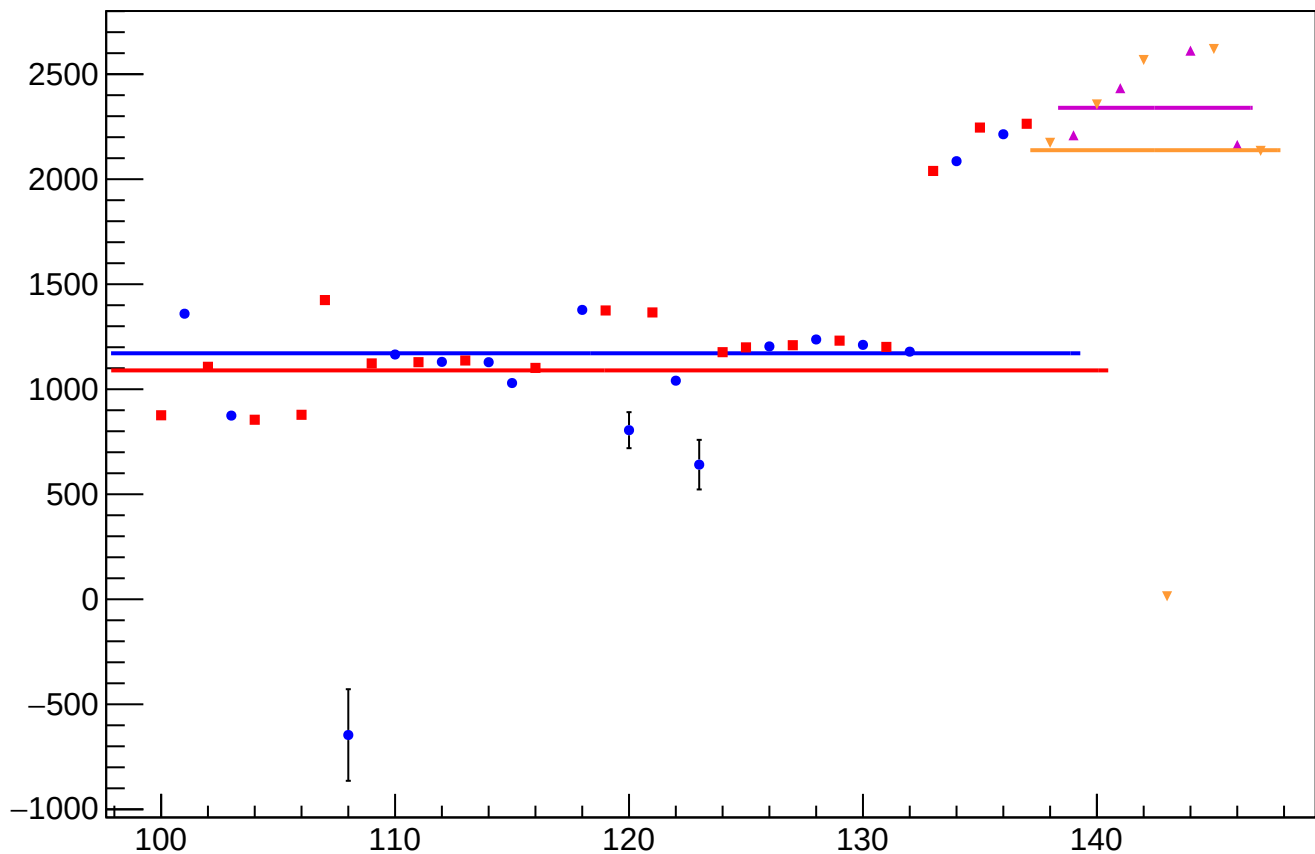
Left In: -2205.327+/-1.003 χ^2/NDF : 21098.6/3

+ sign -889.928+/-0.000 χ^2/NDF : 2356151.2/22

All: -976.220+/-0.000 χ^2/NDF : 44889787387

- sign -1134.421+/-0.000 χ^2/NDF : 1895625.0/22

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 ± 0.245 χ^2/NDF : 508989.2/16

Left Out: 2138.092 ± 1.059 χ^2/NDF : 295444.7/5

Right Out: 1089.705 ± 0.253 χ^2/NDF : 1100321.6/18

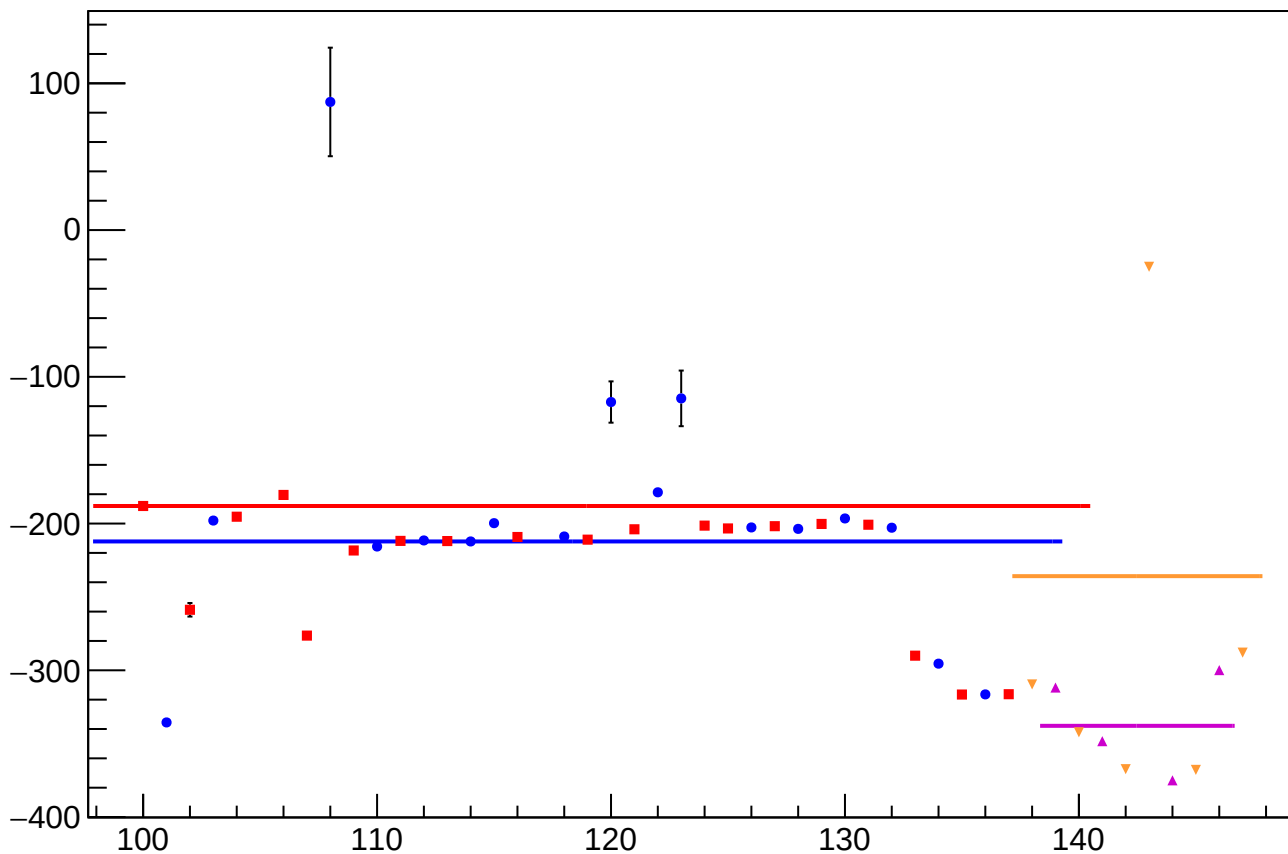
Left In: 2339.899 ± 1.085 χ^2/NDF : 26041.7/3

+ sign 1220.429 ± 0.239 χ^2/NDF : 1595217.2/22

All: 1188.481 ± 0.172 χ^2/NDF : 4018185.6/45

- sign 1154.428 ± 0.247 χ^2/NDF : 2386067.3/22

dit_atl2_11X12X_slope vs Slug



Right In: -212.190 ± 0.000 $\chi^2/\text{NDF}: 1149195.1/16$

Left Out: -235.843 ± 0.057 $\chi^2/\text{NDF}: 4967738.9/5$

Right Out: -188.033 ± 0.000 $\chi^2/\text{NDF}: 602264.3/18$

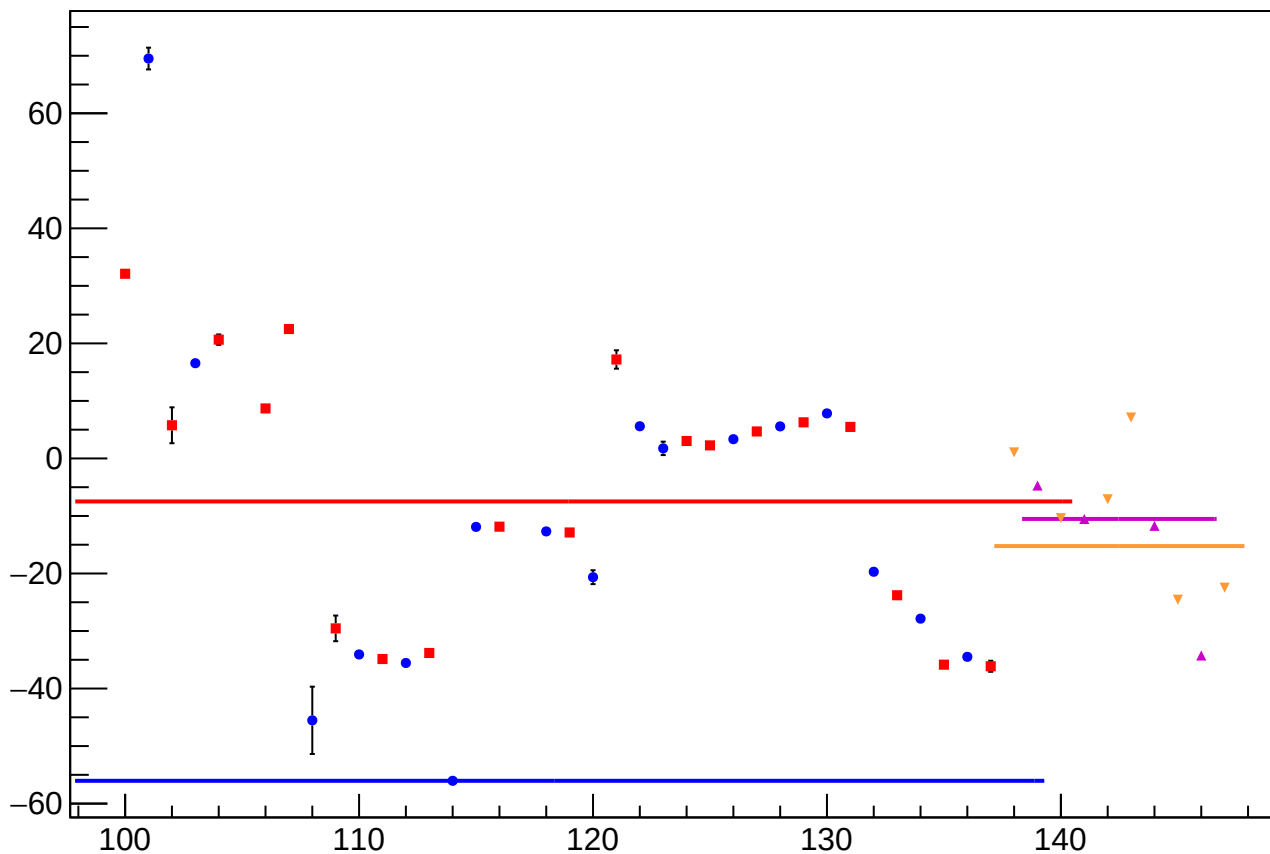
Left In: -337.838 ± 0.094 $\chi^2/\text{NDF}: 53410.7/3$

+ sign -212.190 ± 0.000 $\chi^2/\text{NDF}: 6286331.4/22$

All: -195.625 ± 0.000 $\chi^2/\text{NDF}: 13622303625$

- sign -188.033 ± 0.000 $\chi^2/\text{NDF}: 3206000.1/22$

dit_atl2_4aY_slope vs Slug



Right In: -56.037 ± 0.000 χ^2/NDF : 1585420.7/16

Left Out: -15.238 ± 0.058 χ^2/NDF : 32514.0/5

Right Out: -7.476 ± 0.042 χ^2/NDF : 173893.8/18

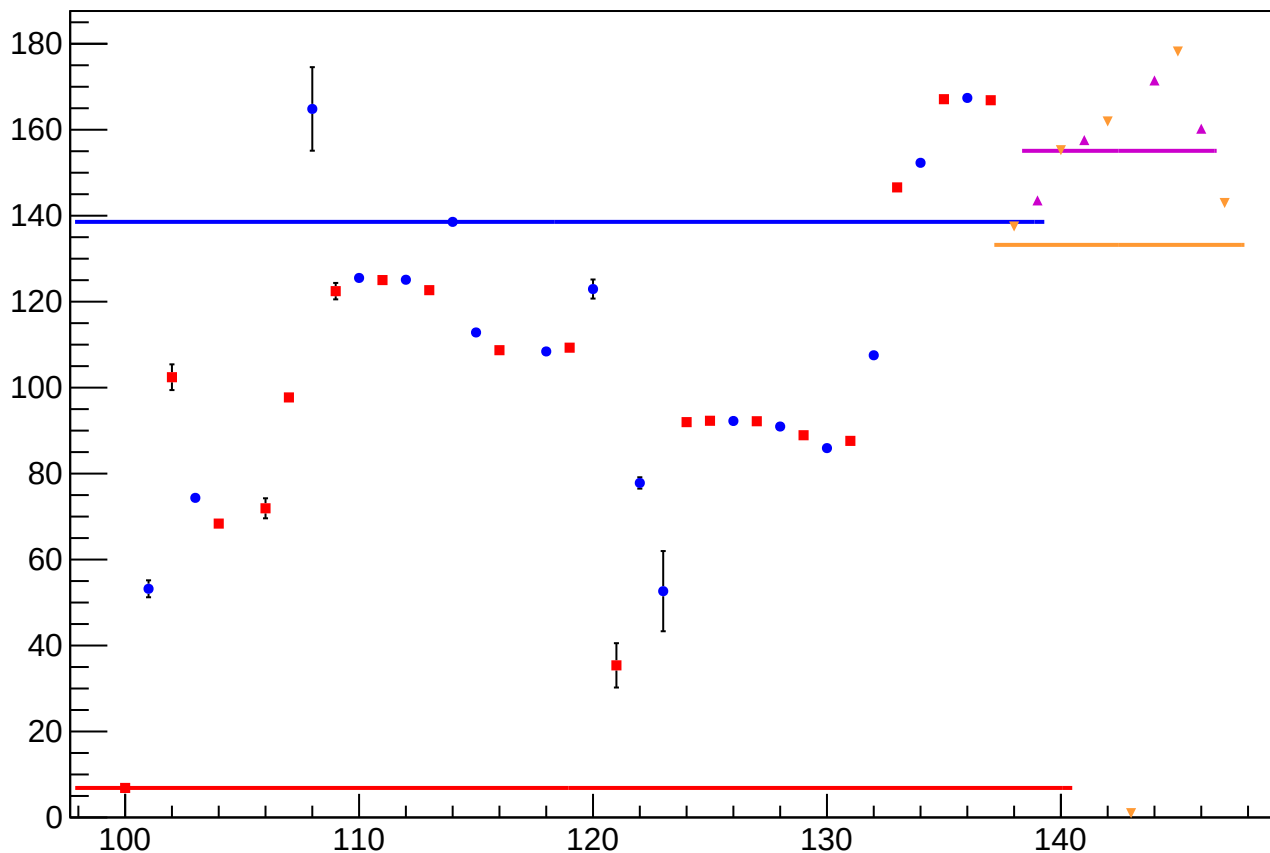
Left In: -10.516 ± 0.074 χ^2/NDF : 5975.0/3

+ sign -56.037 ± 0.000 χ^2/NDF : 2114780.8/22

All: -56.037 ± 0.000 χ^2/NDF : 3996073.8/45

- sign -8.218 ± 0.037 χ^2/NDF : 181136.0/22

dit_atl2_4eY_slope vs Slug



Right In: 138.565+/-0.000 χ^2/NDF : 901159.7/16

Left Out: 133.212+/-0.082 χ^2/NDF : 287681.4/5

Right Out: 6.866+/-0.000 χ^2/NDF : 8047391.7/18

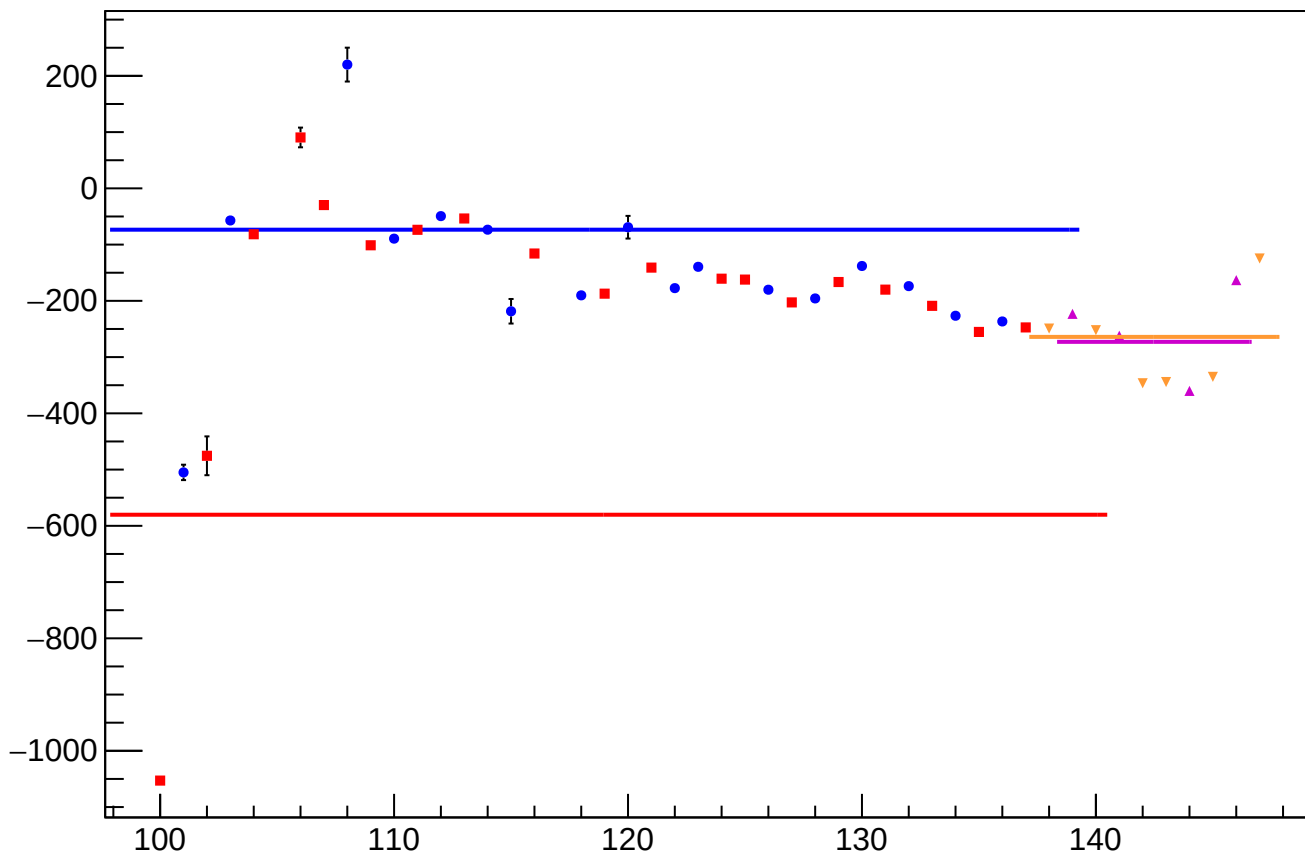
Left In: 155.093+/-0.091 χ^2/NDF : 7625.0/3

+ sign 138.565+/-0.000 χ^2/NDF : 1193120.7/22

All: 7.101+/-0.000 χ^2/NDF : 23576822681928

- sign 6.866+/-0.000 χ^2/NDF : 10686434.9/22

dit_atr1_4aX_slope vs Slug



Right In: -73.485+/-0.000 χ^2/NDF : 98703.2/16

Left Out: -264.076+/-0.462 χ^2/NDF : 18537.8/5

Right Out: -580.262+/-0.261 χ^2/NDF : 3031609.5/18

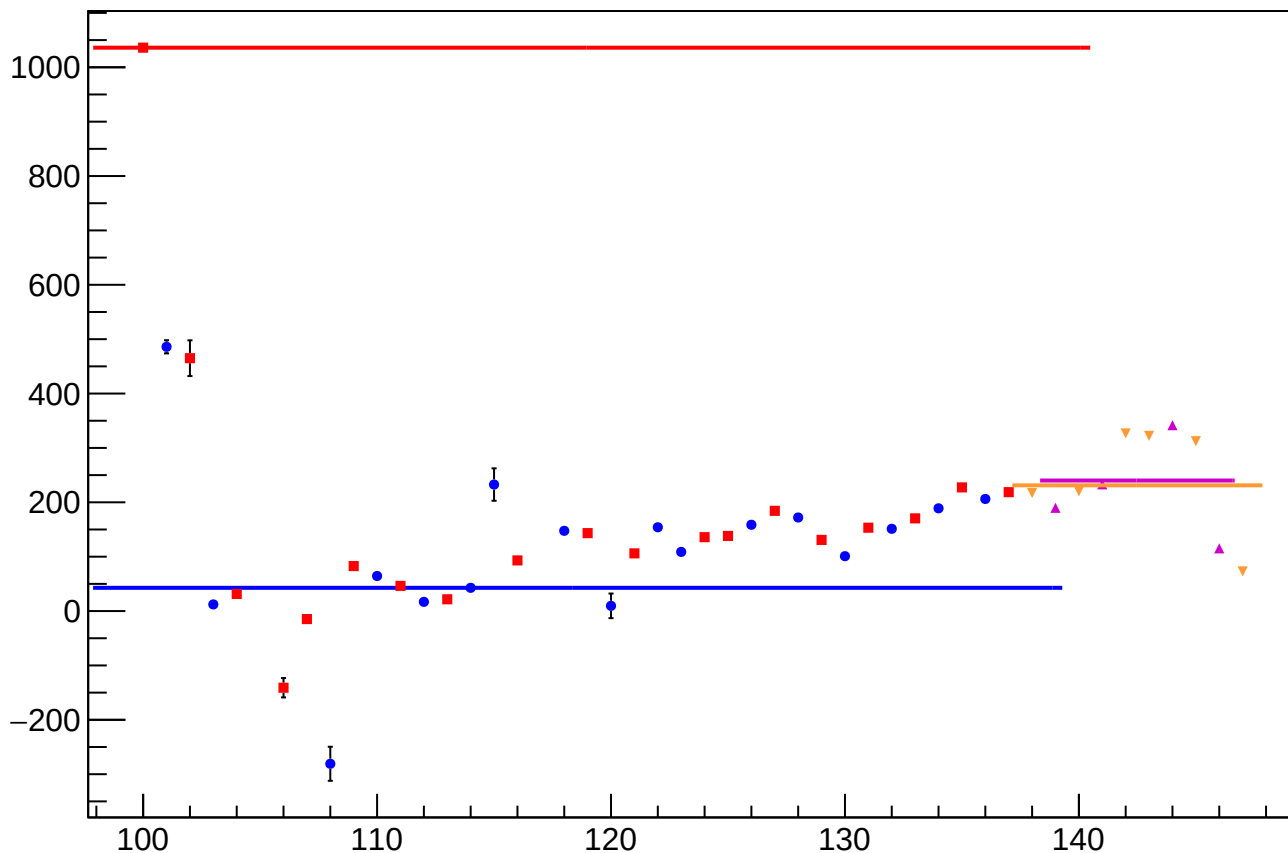
Left In: -272.898+/-0.529 χ^2/NDF : 12204.1/3

+ sign -73.485+/-0.000 χ^2/NDF : 287688.7/22

All: -73.485+/-0.000 χ^2/NDF : 7245187.2/45

- sign -520.178+/-0.234 χ^2/NDF : 3315035.7/22

dit_atr1_4eX_slope vs Slug



Right In: 42.743+/-0.000 χ^2/NDF : 84599.8/16

Left Out: 231.226+/-0.481 χ^2/NDF : 22462.7/5

Right Out: 1036.068+/-0.000 χ^2/NDF : 4933722.5/18

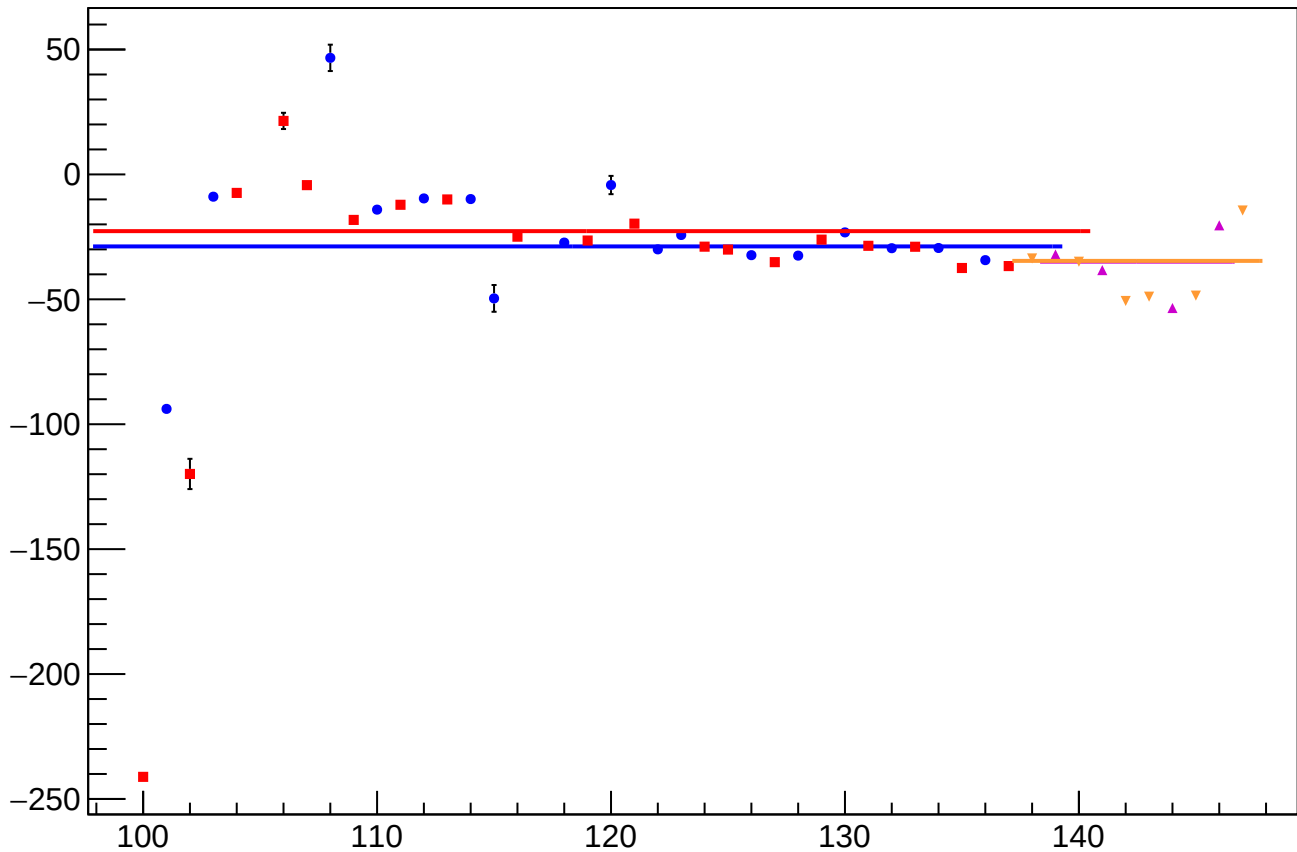
Left In: 240.072+/-0.557 χ^2/NDF : 13608.8/3

+ sign 42.743+/-0.000 χ^2/NDF : 260576.1/22

All: 43.272+/-0.000 χ^2/NDF : 1144517497260

- sign 1036.068+/-0.000 χ^2/NDF : 6988030.9/22

dit_atr1_11X12X_slope vs Slug



Right In: -28.822 ± 0.035 χ^2/NDF : 49503.4/16

Left Out: -34.613 ± 0.031 χ^2/NDF : 75776.7/5

Right Out: -22.707 ± 0.038 χ^2/NDF : 410174.9/18

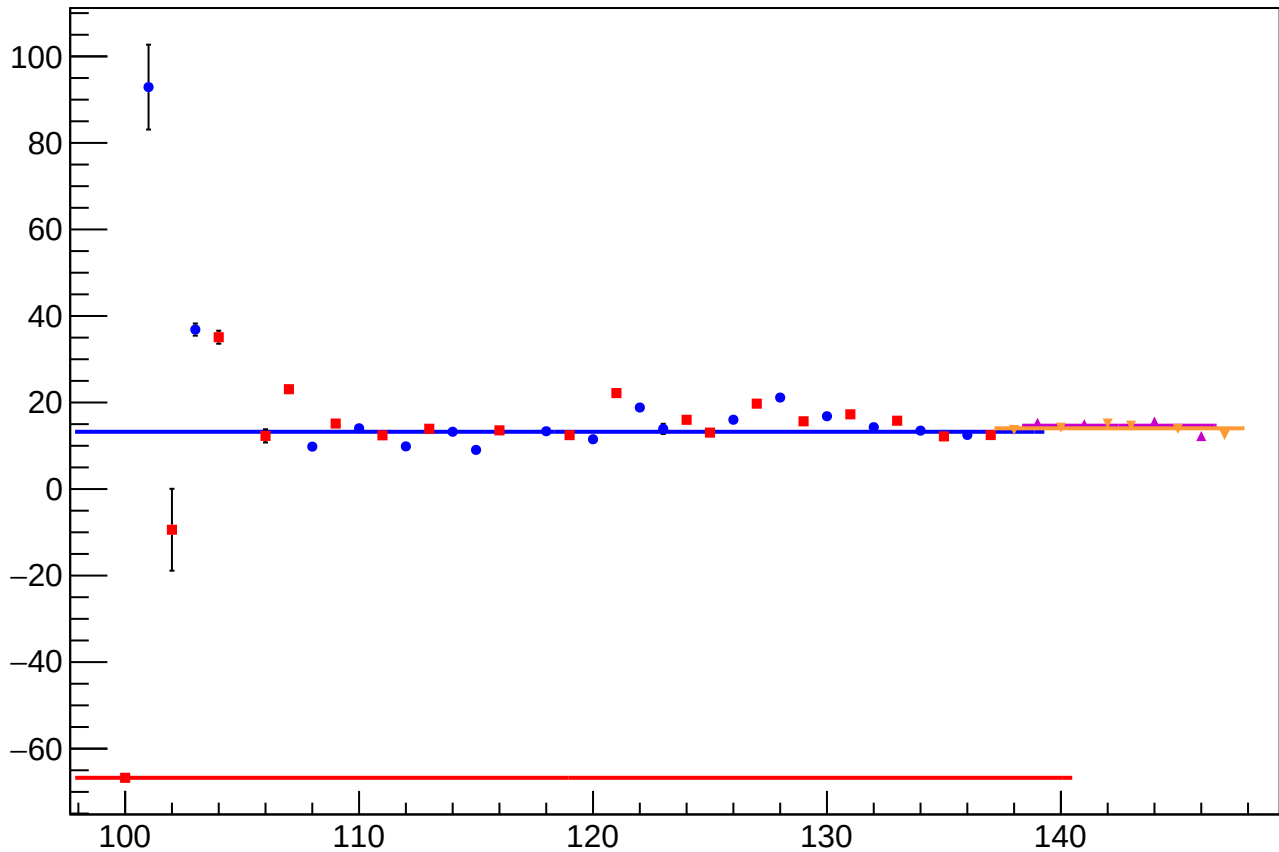
Left In: -34.918 ± 0.041 χ^2/NDF : 29048.4/3

+ sign -32.063 ± 0.023 χ^2/NDF : 140831.1/22

All: -30.543 ± 0.018 χ^2/NDF : 637866.7/45

- sign -28.292 ± 0.028 χ^2/NDF : 486244.3/22

dit_atr1_4aY_slope vs Slug



Right In: 13.238 $\pm$ 0.000 χ^2 /NDF: 5756.1/16

Left Out: 14.035 $\pm$ 0.032 χ^2 /NDF:547.6/5

Right Out: -66.739 $\pm$ 0.000 χ^2 /NDF: 3023648.4/18

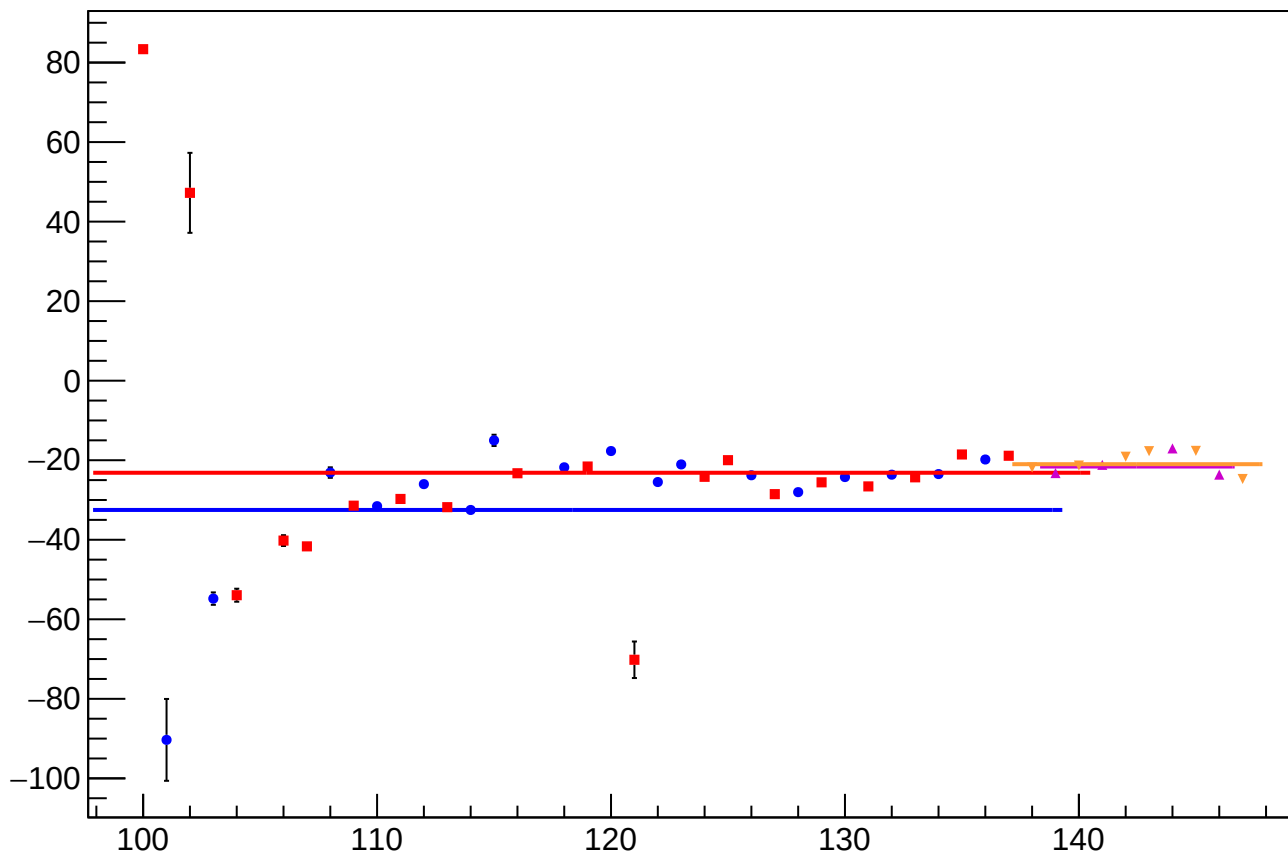
Left In: 14.643 $\pm$ 0.032 χ^2 /NDF:1551.7/3

+ sign 13.238 $\pm$ 0.000 χ^2 /NDF: 6911.6/22

All: 12.562 $\pm$ 0.000 χ^2 /NDF: 1884310027651

- sign -66.739 $\pm$ 0.000 χ^2 /NDF: 9317933.1/22

dit_atr1_4eY_slope vs Slug



Right In: -32.504 $\pm$ 0.000 χ^2 /NDF: 74187.4/16

Left Out: -20.997 $\pm$ 0.037 χ^2 /NDF: 5637.5/5

Right Out: -23.151 $\pm$ 0.048 χ^2 /NDF: 90749.4/18

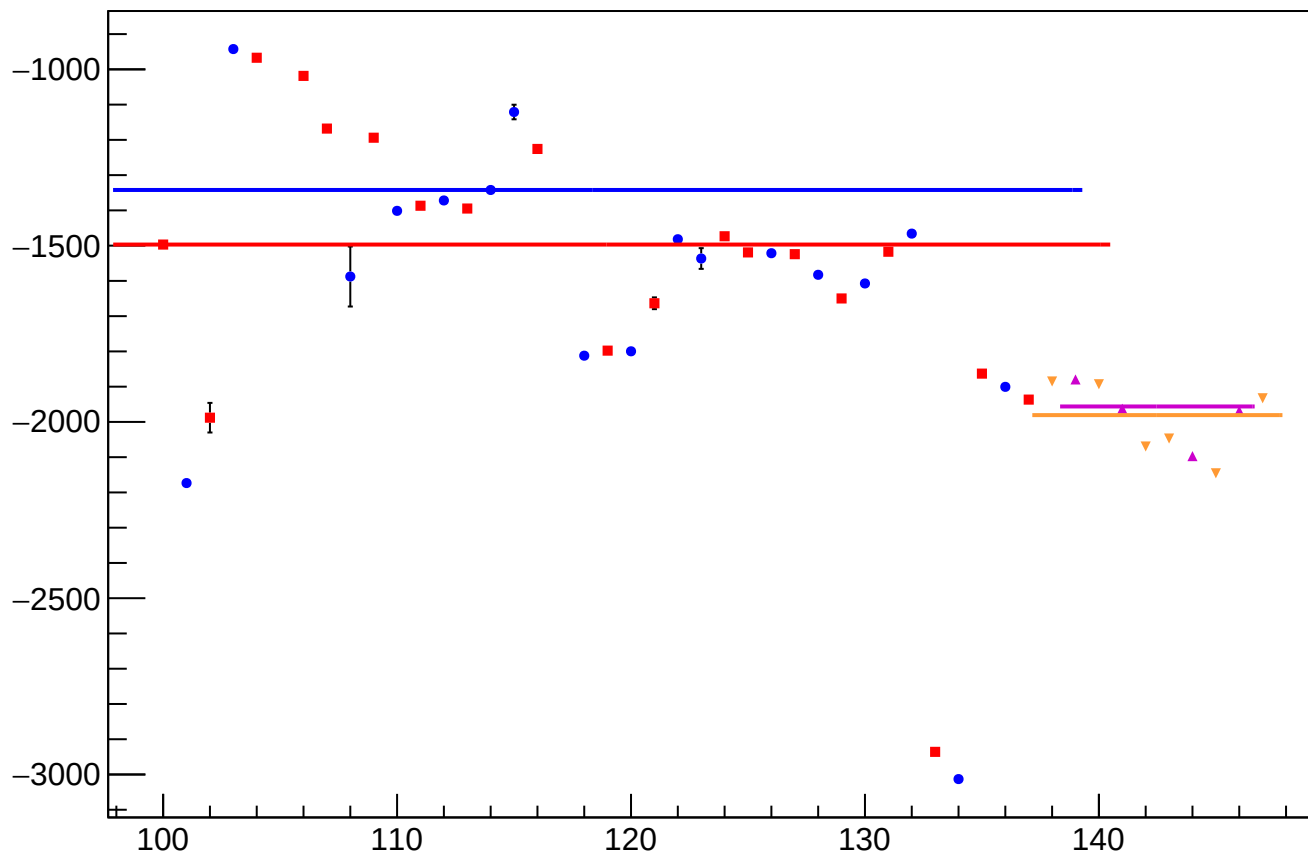
Left In: -21.585 $\pm$ 0.056 χ^2 /NDF: 1968.4/3

+ sign -32.504 $\pm$ 0.000 χ^2 /NDF: 176920.8/22

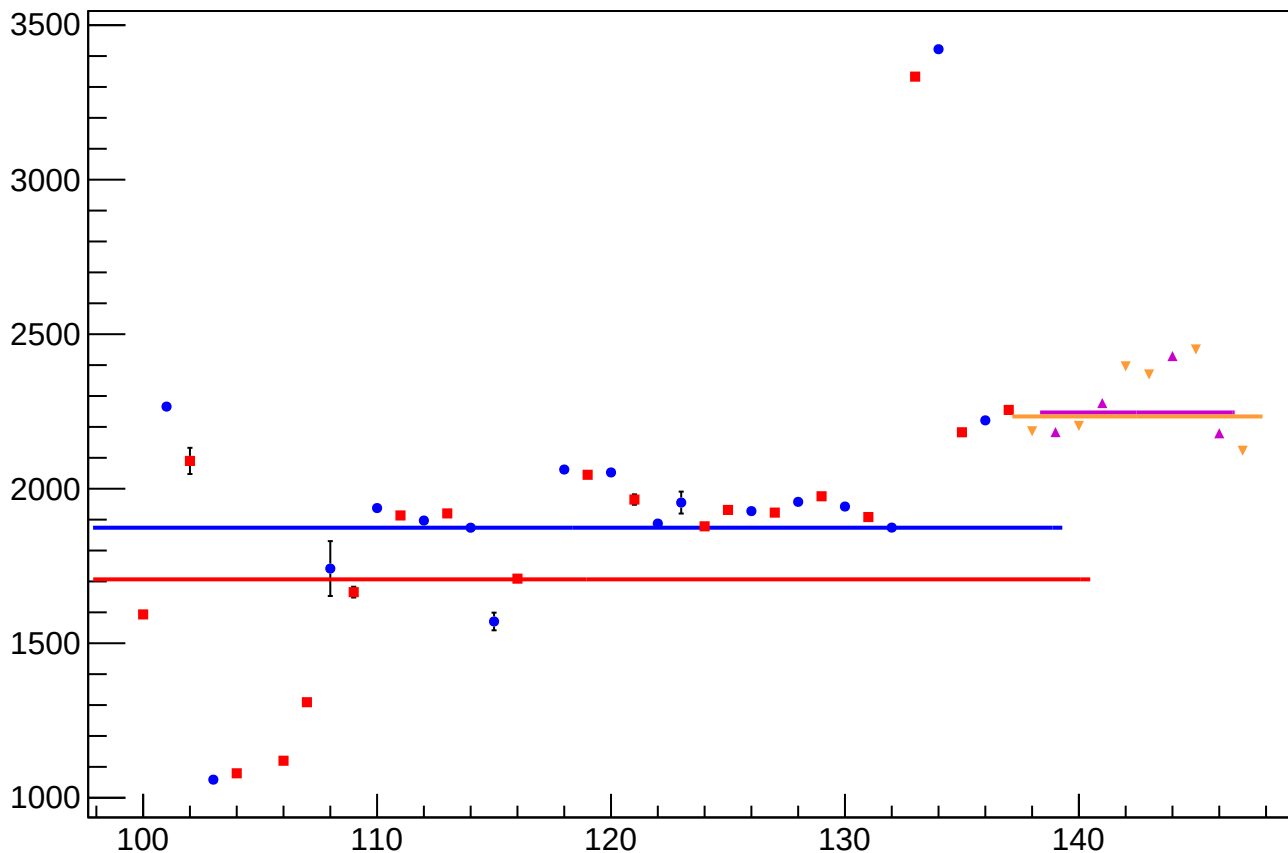
All: -32.504 $\pm$ 0.000 χ^2 /NDF: 346115.6/45

- sign -22.495 $\pm$ 0.036 χ^2 /NDF: 93170.7/22

dit_atr2_4aX_slope vs Slug



dit_atr2_4eX_slope vs Slug



Right In: 1873.852 ± 0.000 χ^2/NDF : 201563.9/16

Left Out: 2233.759 ± 0.894 χ^2/NDF : 16912.9/5

Right Out: 1706.739 ± 0.302 χ^2/NDF : 837936.9/18

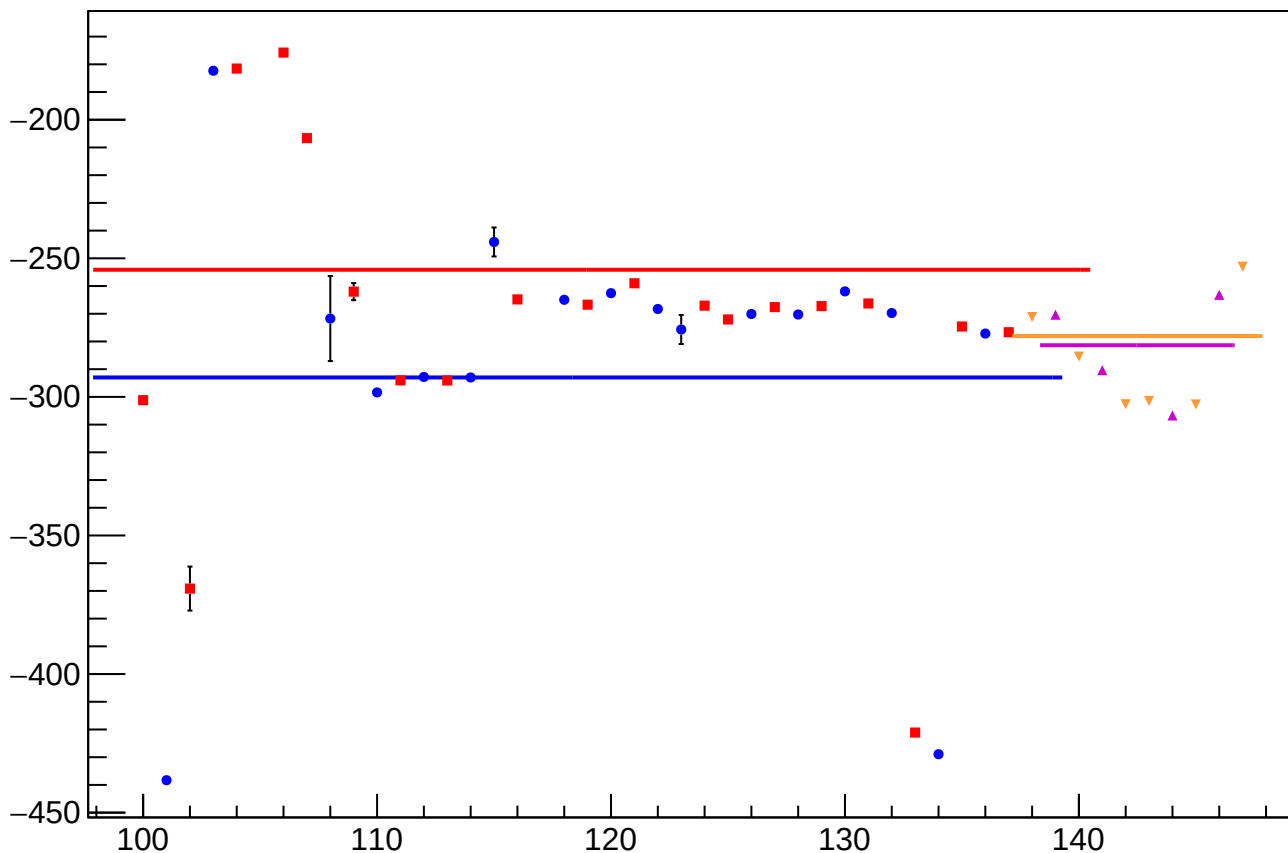
Left In: 2246.765 ± 0.734 χ^2/NDF : 15797.6/3

+ sign 1873.852 ± 0.000 χ^2/NDF : 380607.1/22

All: 1873.852 ± 0.000 χ^2/NDF : 1798195.5/45

- sign 1785.181 ± 0.280 χ^2/NDF : 1316992.2/22

dit_atr2_11X12X_slope vs Slug



Right In: -292.986+/-0.000 χ^2/NDF : 1015592.4/16

Left Out: -278.048+/-0.065 χ^2/NDF : 78762.3/5

Right Out: -254.119+/-0.059 χ^2/NDF : 502658.5/18

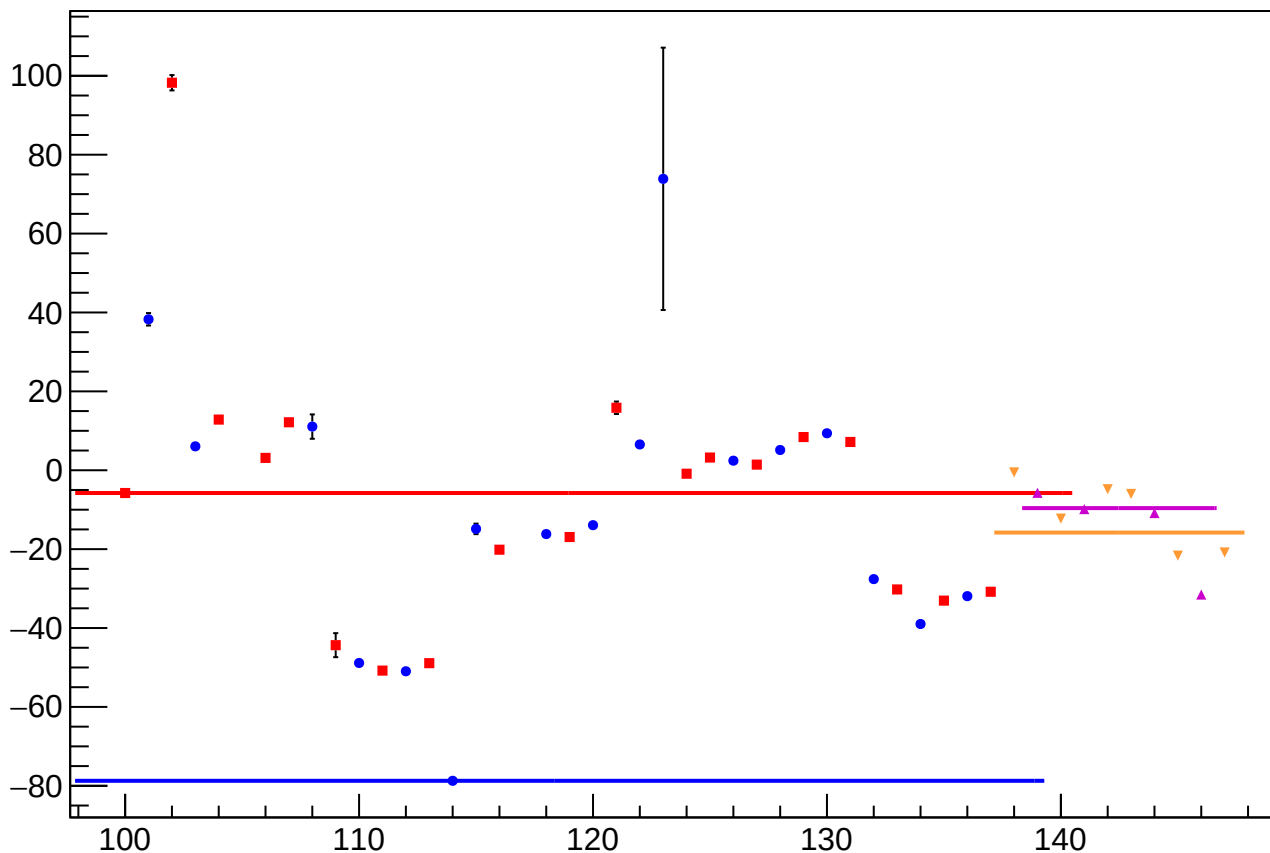
Left In: -281.366+/-0.058 χ^2/NDF : 49836.7/3

+ sign -292.986+/-0.000 χ^2/NDF : 1147437.4/22

All: -292.986+/-0.000 χ^2/NDF : 2174397.8/45

- sign -268.035+/-0.041 χ^2/NDF : 661422.9/22

dit_atr2_4aY_slope vs Slug



Right In: -78.728 ± 0.000 $\chi^2/\text{NDF}: 1399088.3/16$

Left Out: -15.791 ± 0.050 $\chi^2/\text{NDF}: 14122.2/5$

Right Out: -5.769 ± 0.000 $\chi^2/\text{NDF}: 111570.1/18$

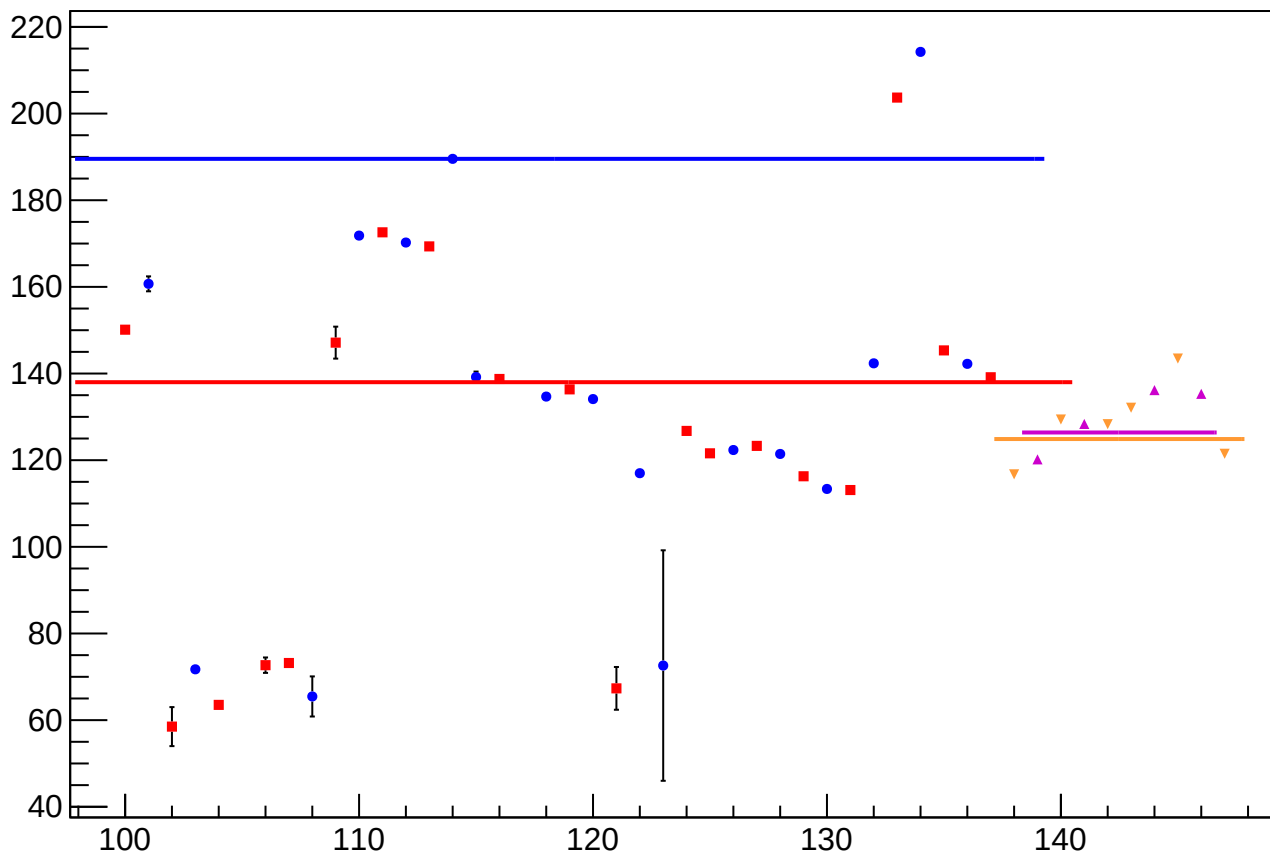
Left In: -9.597 ± 0.060 $\chi^2/\text{NDF}: 6702.0/3$

+ sign -78.728 ± 0.000 $\chi^2/\text{NDF}: 2979844.4/22$

All: -6.288 ± 0.000 $\chi^2/\text{NDF}: 2878797679293$

- sign -5.769 ± 0.000 $\chi^2/\text{NDF}: 122305.5/22$

dit_atr2_4eY_slope vs Slug



Right In: 189.551 $\pm$ 0.000 χ^2 /NDF: 927391.8/16

Left Out: 124.881 $\pm$ 0.065 χ^2 /NDF: 6805.9/5

Right Out: 138.002 $\pm$ 0.059 χ^2 /NDF: 117357.8/18

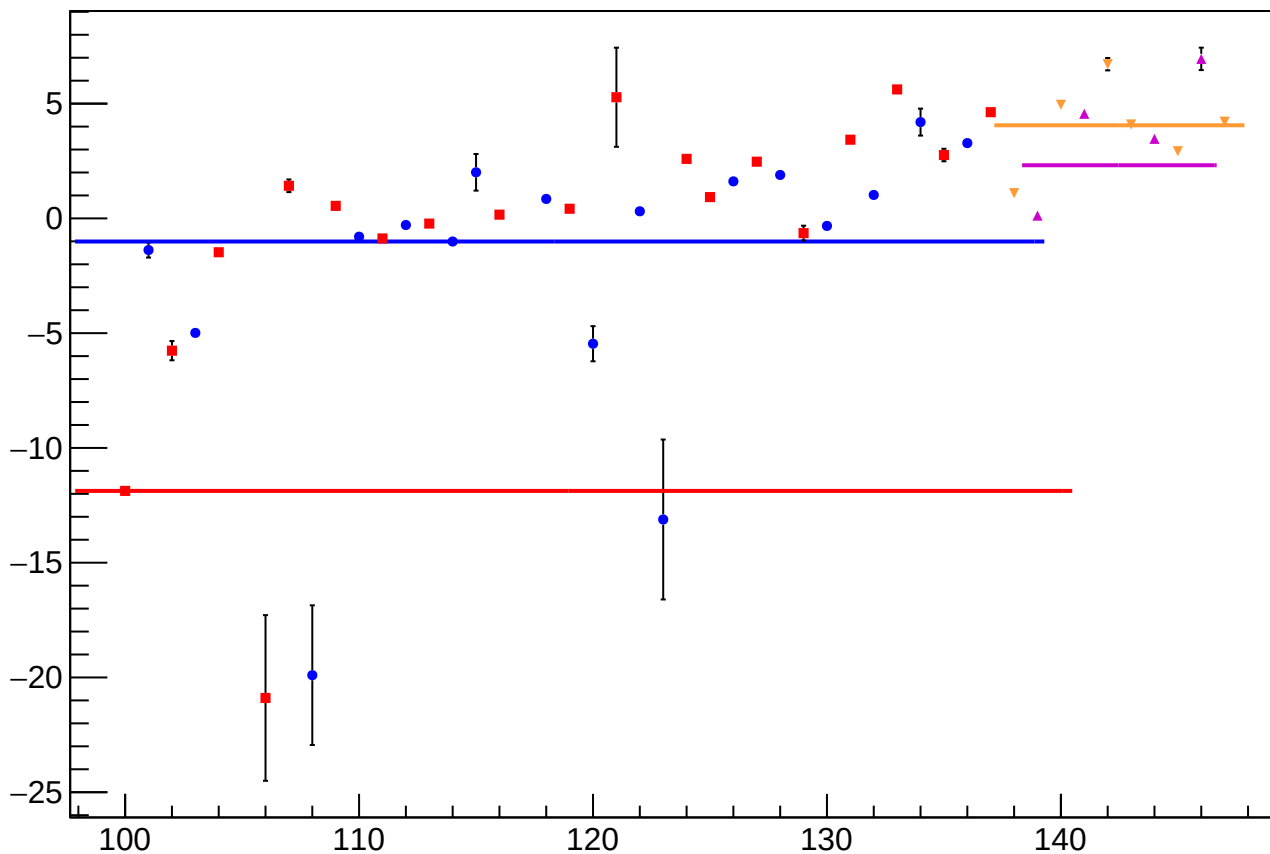
Left In: 126.393 $\pm$ 0.064 χ^2 /NDF: 5741.9/3

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 1913240.3/22

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 3769578.2/45

- sign 132.669 $\pm$ 0.043 χ^2 /NDF: 140846.1/22

dit_sam1_4aX_slope vs Slug



Right In: -1.007 ± 0.000 χ^2/NDF : 7057.7/16

Left Out: 4.057 ± 0.051 χ^2/NDF : 477.5/5

Right Out: -11.872 ± 0.000 χ^2/NDF : 503632.2/18

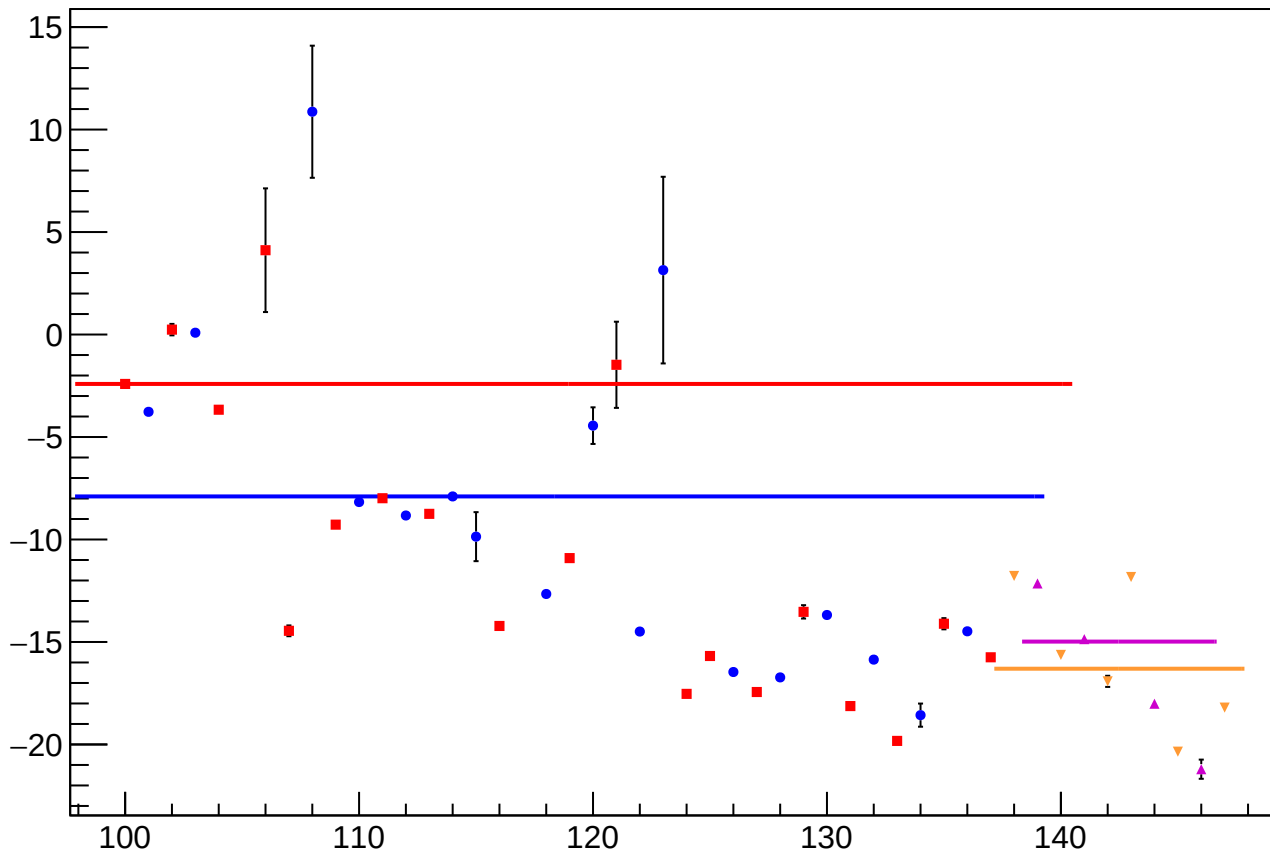
Left In: 2.316 ± 0.043 χ^2/NDF : 2051.9/3

+ sign -1.007 ± 0.000 χ^2/NDF : 17361.4/22

All: -1.365 ± 0.000 χ^2/NDF : 2170760676638

- sign -11.872 ± 0.000 χ^2/NDF : 613815.8/22

dit_sam1_4eX_slope vs Slug



Right In: -7.899 ± 0.000 χ^2/NDF : 39443.5/16

Left Out: -16.304 ± 0.050 χ^2/NDF : 3431.5/5

Right Out: -2.410 ± 0.000 χ^2/NDF : 203043.8/18

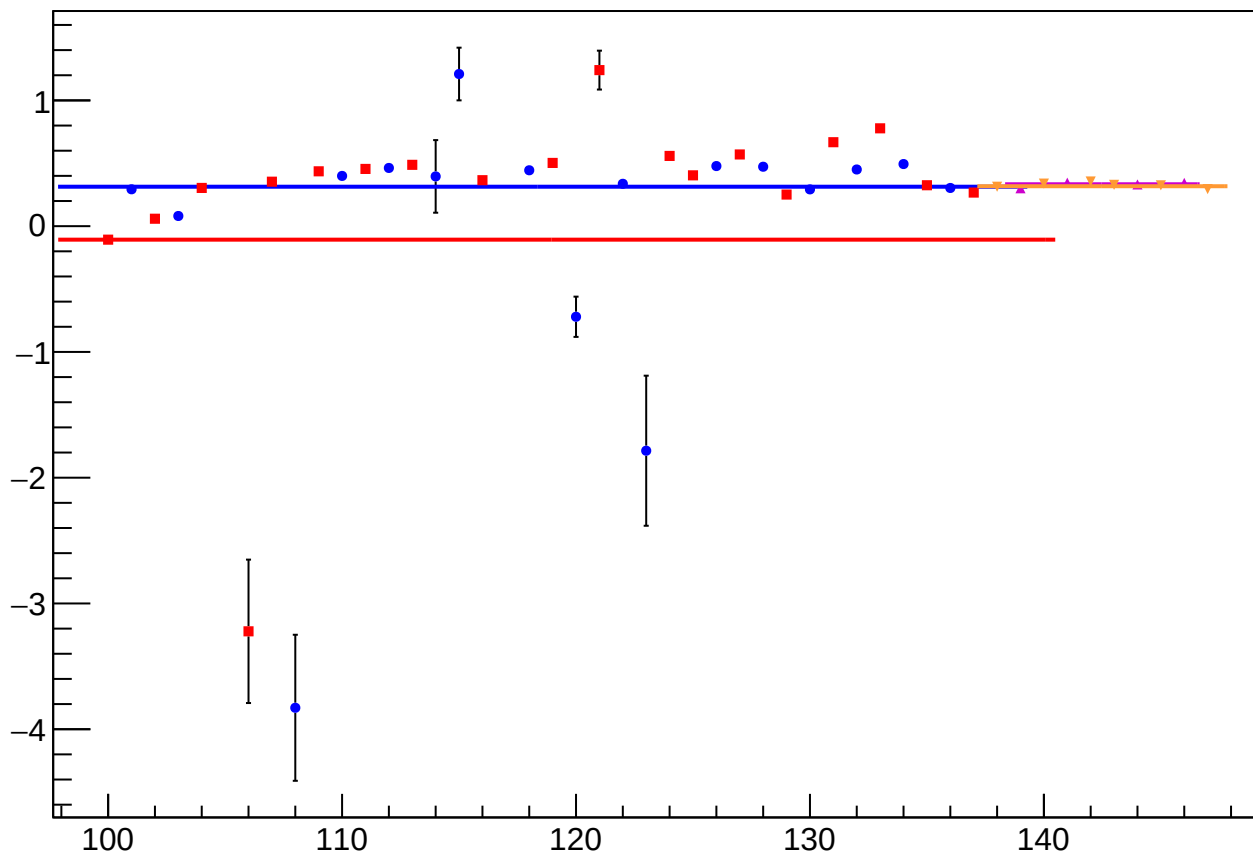
Left In: -14.981 ± 0.062 χ^2/NDF : 1295.6/3

+ sign -7.899 ± 0.000 χ^2/NDF : 70677.0/22

All: -4.135 ± 0.000 χ^2/NDF : 2879850560728

- sign -2.410 ± 0.000 χ^2/NDF : 246073.5/22

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 χ^2/NDF : 2748.0/16

Left Out: 0.318 ± 0.001 χ^2/NDF : 1074.4/5

Right Out: -0.107 ± 0.000 χ^2/NDF : 219932.8/18

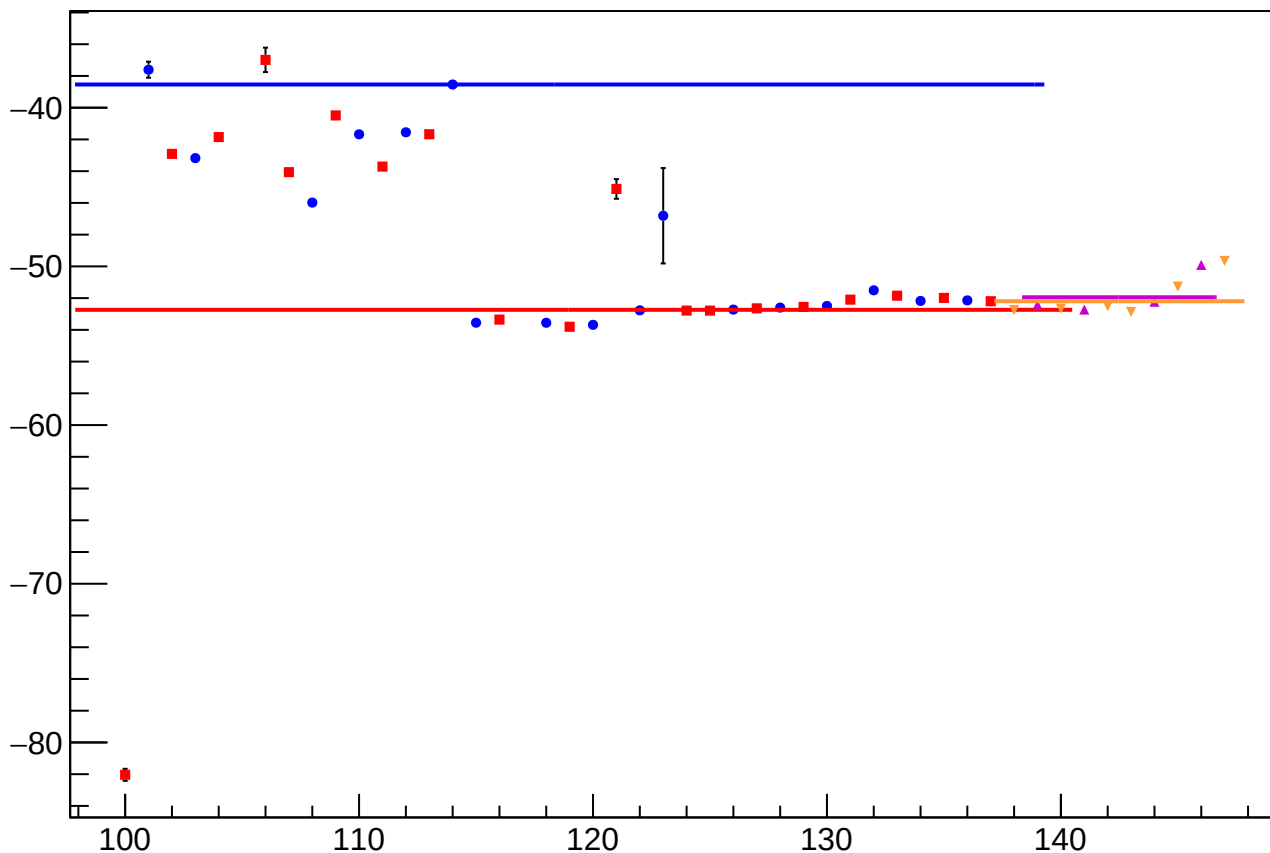
Left In: 0.333 ± 0.001 χ^2/NDF : 268.3/3

+ sign 0.317 ± 0.000 χ^2/NDF : 3833.7/22

All: -0.107 ± 0.000 χ^2/NDF : 1335307.0/45

- sign -0.107 ± 0.000 χ^2/NDF : 606302.6/22

dit_sam1_4aY_slope vs Slug



Right In: -38.539 $\pm$ 0.000 χ^2 /NDF: 14950854.6/16

Left Out: -52.195 $\pm$ 0.005 χ^2 /NDF: 61843.1/5

Right Out: -52.737 $\pm$ 0.002 χ^2 /NDF: 87430.2/18

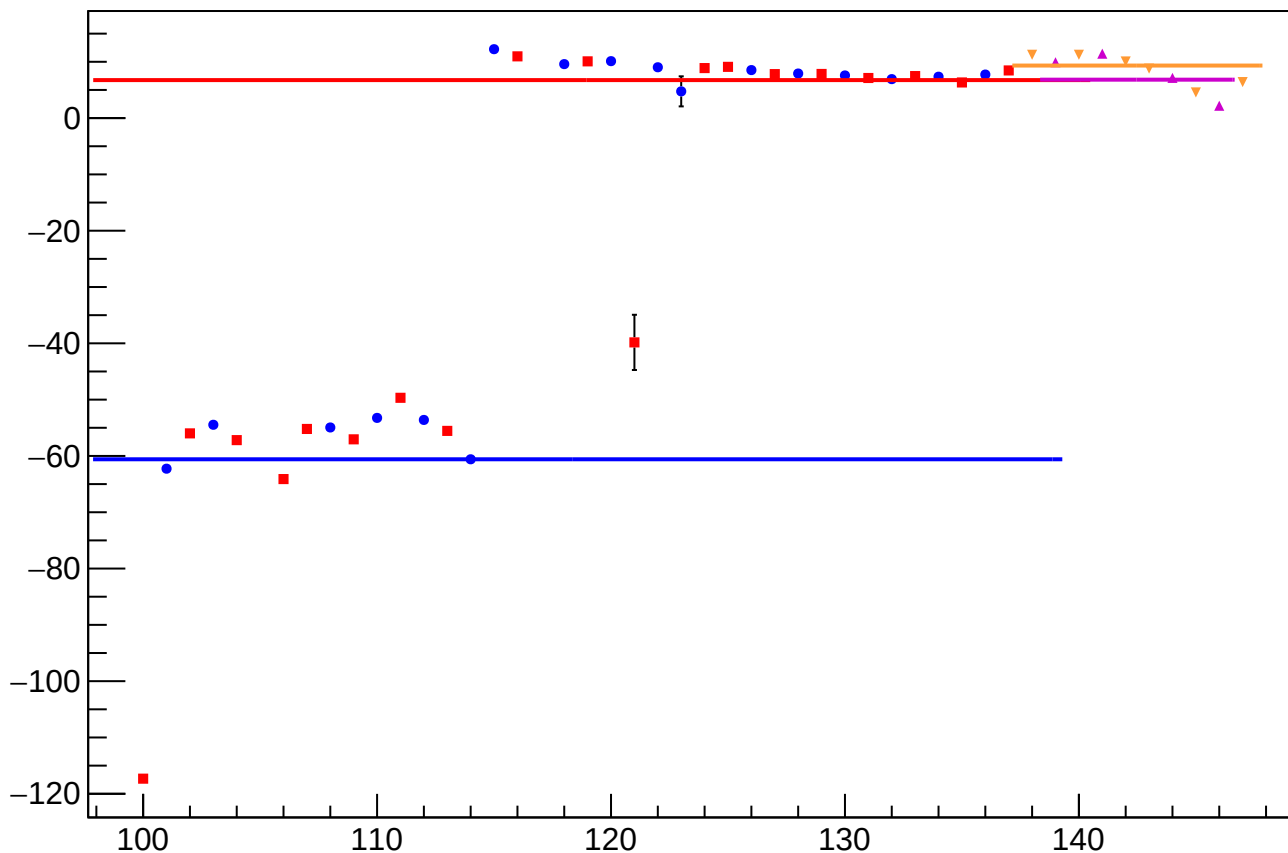
Left In: -51.944 $\pm$ 0.006 χ^2 /NDF: 39773.2/3

+ sign -38.539 $\pm$ 0.000 χ^2 /NDF: 23179766.3/22

All: -38.539 $\pm$ 0.000 χ^2 /NDF: 85962708.7/45

- sign -52.658 $\pm$ 0.002 χ^2 /NDF: 144827.8/22

dit_sam1_4eY_slope vs Slug



Right In: -60.594 ± 0.000 χ^2/NDF : 26122838.1/16

Left Out: 9.332 ± 0.013 χ^2/NDF : 29996.8/5

Right Out: 6.748 ± 0.011 χ^2/NDF : 1266598.3/18

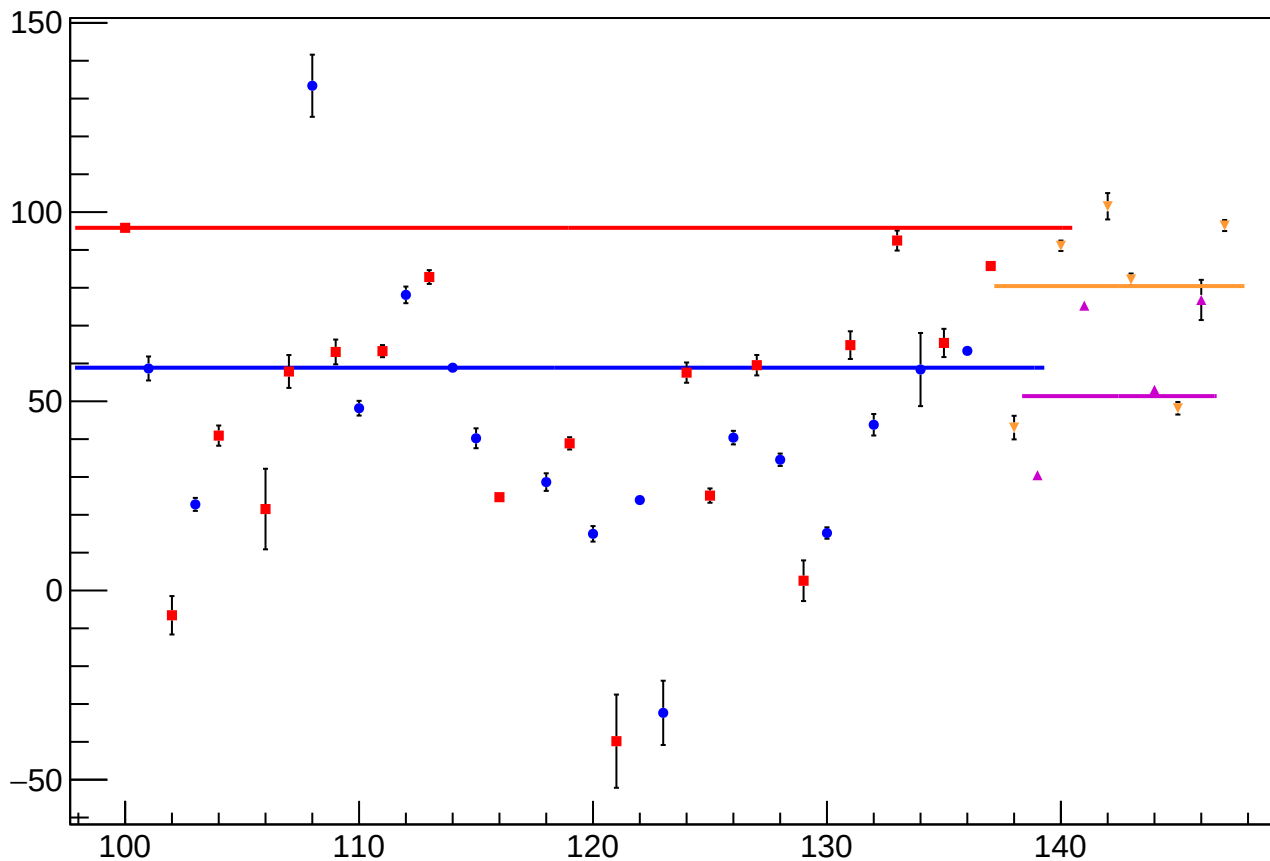
Left In: 6.824 ± 0.014 χ^2/NDF : 86769.2/3

+ sign -60.594 ± 0.000 χ^2/NDF : 55996869.8/22

All: -60.594 ± 0.000 χ^2/NDF : 118809856.1/4

- sign 6.778 ± 0.009 χ^2/NDF : 1353386.1/22

dit_sam2_4aX_slope vs Slug



Right In: 58.880 ± 0.000 $\chi^2/\text{NDF}: 3814.7/16$

Left Out: 80.448 ± 0.715 $\chi^2/\text{NDF}: 742.7/5$

Right Out: 95.846 ± 0.000 $\chi^2/\text{NDF}: 39385.0/18$

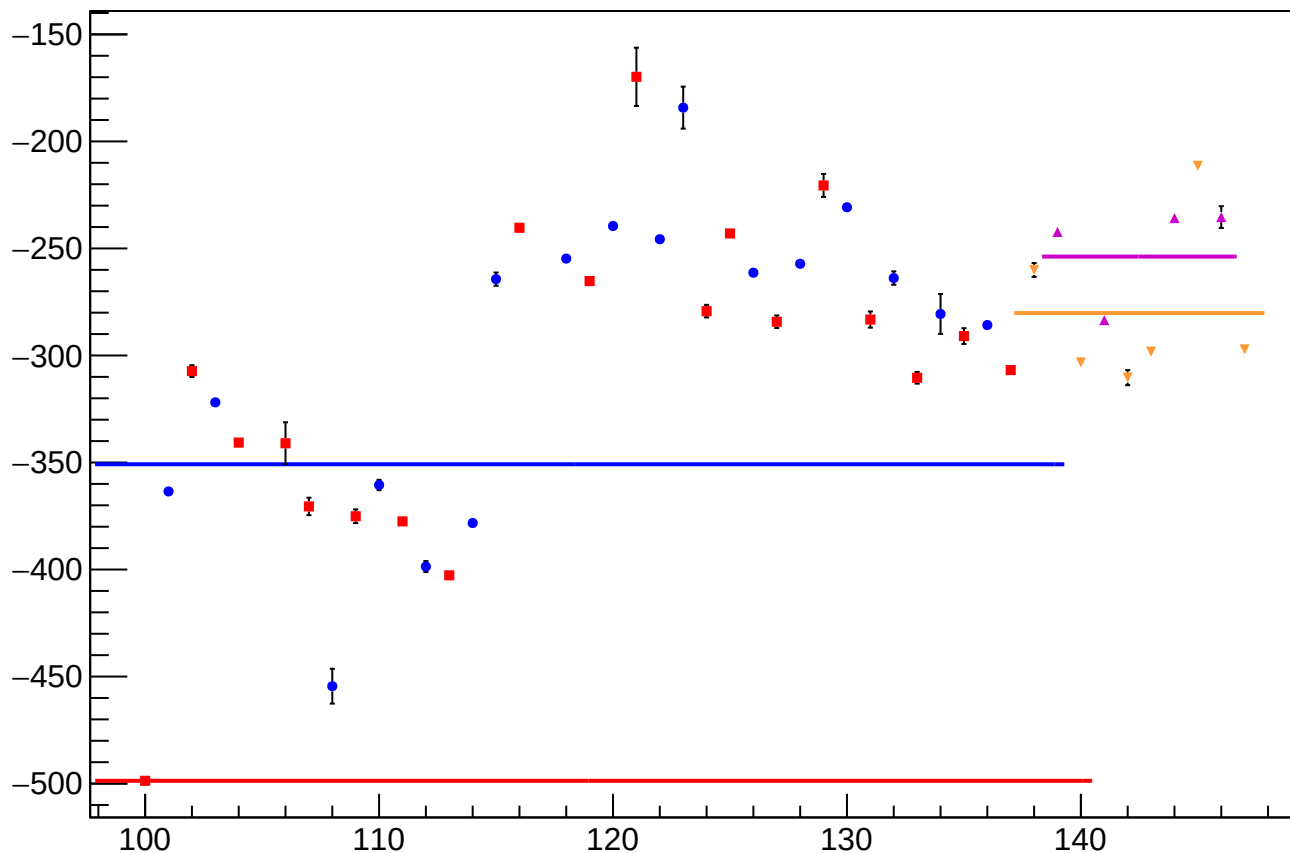
Left In: 51.368 ± 0.589 $\chi^2/\text{NDF}: 928.9/3$

+ sign 58.880 ± 0.000 $\chi^2/\text{NDF}: 5467.4/22$

All: 60.098 ± 0.000 $\chi^2/\text{NDF}: 981523394566$

- sign 95.846 ± 0.000 $\chi^2/\text{NDF}: 46019.8/22$

dit_sam2_4eX_slope vs Slug



Right In: -350.833 ± 0.245 $\chi^2/\text{NDF}: 41301.1/16$

Left Out: -280.183 ± 0.704 $\chi^2/\text{NDF}: 2614.1/5$

Right Out: -498.692 ± 0.000 $\chi^2/\text{NDF}: 511870.8/18$

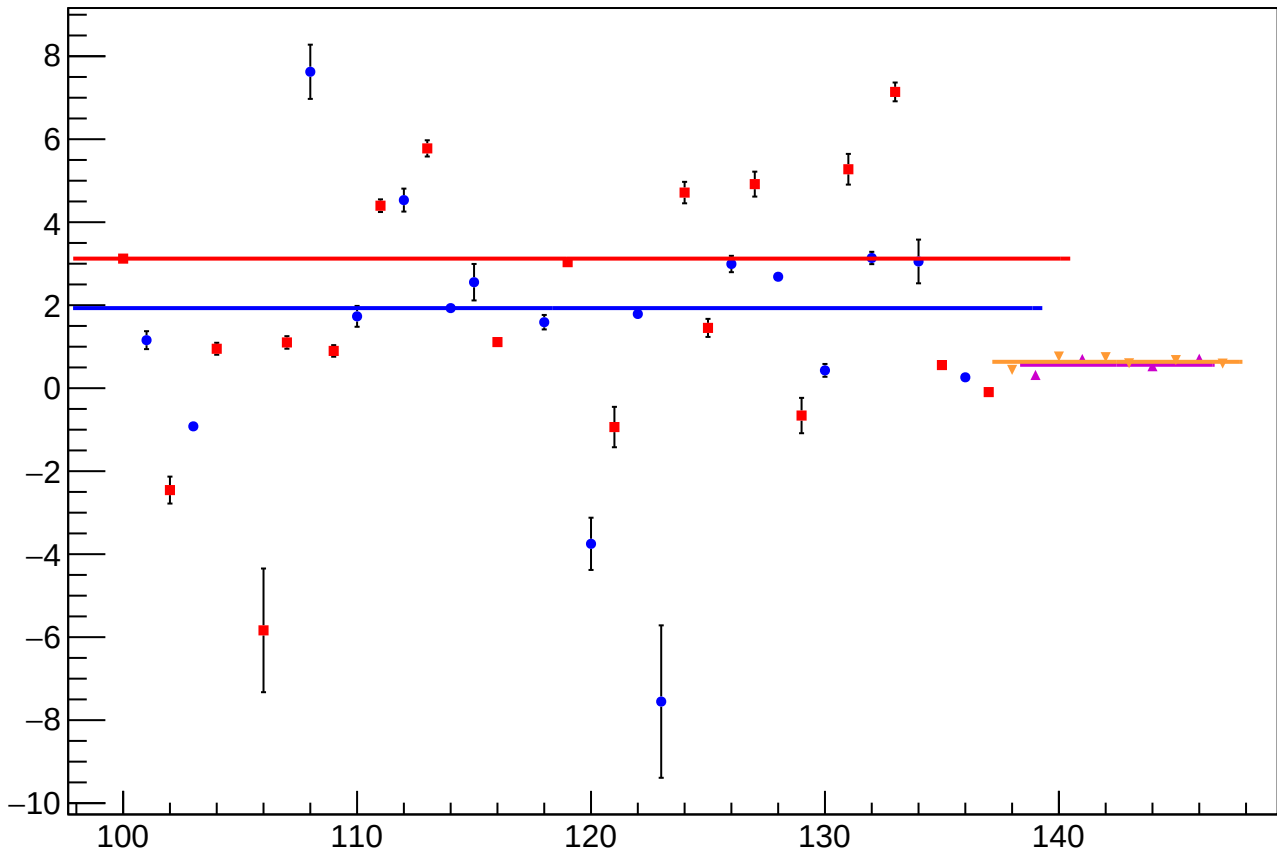
Left In: -253.792 ± 0.626 $\chi^2/\text{NDF}: 1082.2/3$

+ sign -343.229 ± 0.231 $\chi^2/\text{NDF}: 52899.2/22$

All: -498.692 ± 0.000 $\chi^2/\text{NDF}: 1171900.7/45$

- sign -498.692 ± 0.000 $\chi^2/\text{NDF}: 666072.4/22$

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 ± 0.000 χ^2/NDF : 59970.9/16

Left Out: 0.636 ± 0.004 χ^2/NDF : 365.8/5

Right Out: 3.123 ± 0.000 χ^2/NDF : 512565.5/18

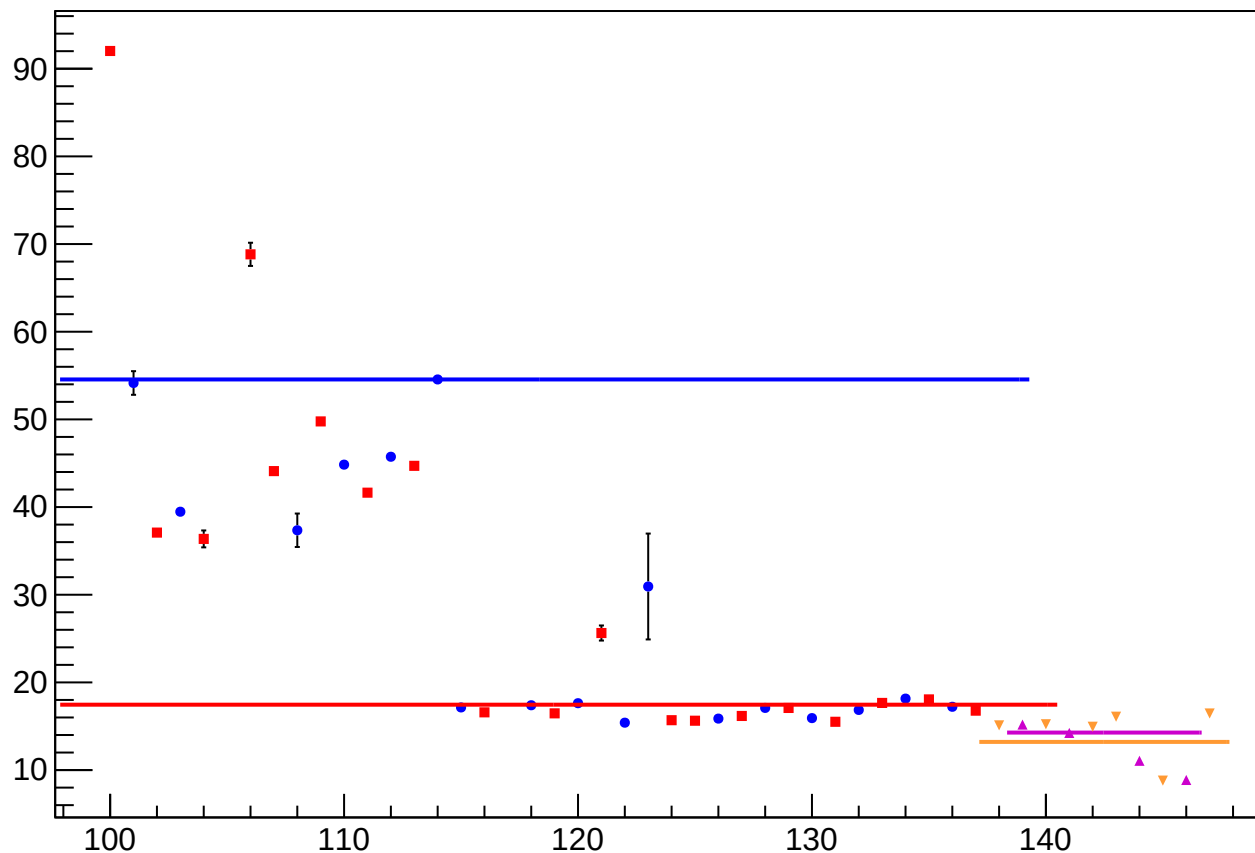
Left In: 0.564 ± 0.004 χ^2/NDF : 1446.1/3

+ sign 1.930 ± 0.000 χ^2/NDF : 145453.8/22

All: 2.073 ± 0.000 χ^2/NDF : 3809953457808

- sign 3.123 ± 0.000 χ^2/NDF : 941475.8/22

dit_sam2_4aY_slope vs Slug



Right In: 54.556+/-0.000 χ^2/NDF : 7238433.0/16

Left Out: 13.213+/-0.013 χ^2/NDF : 65881.7/5

Right Out: 17.458+/-0.018 χ^2/NDF : 99308.5/18

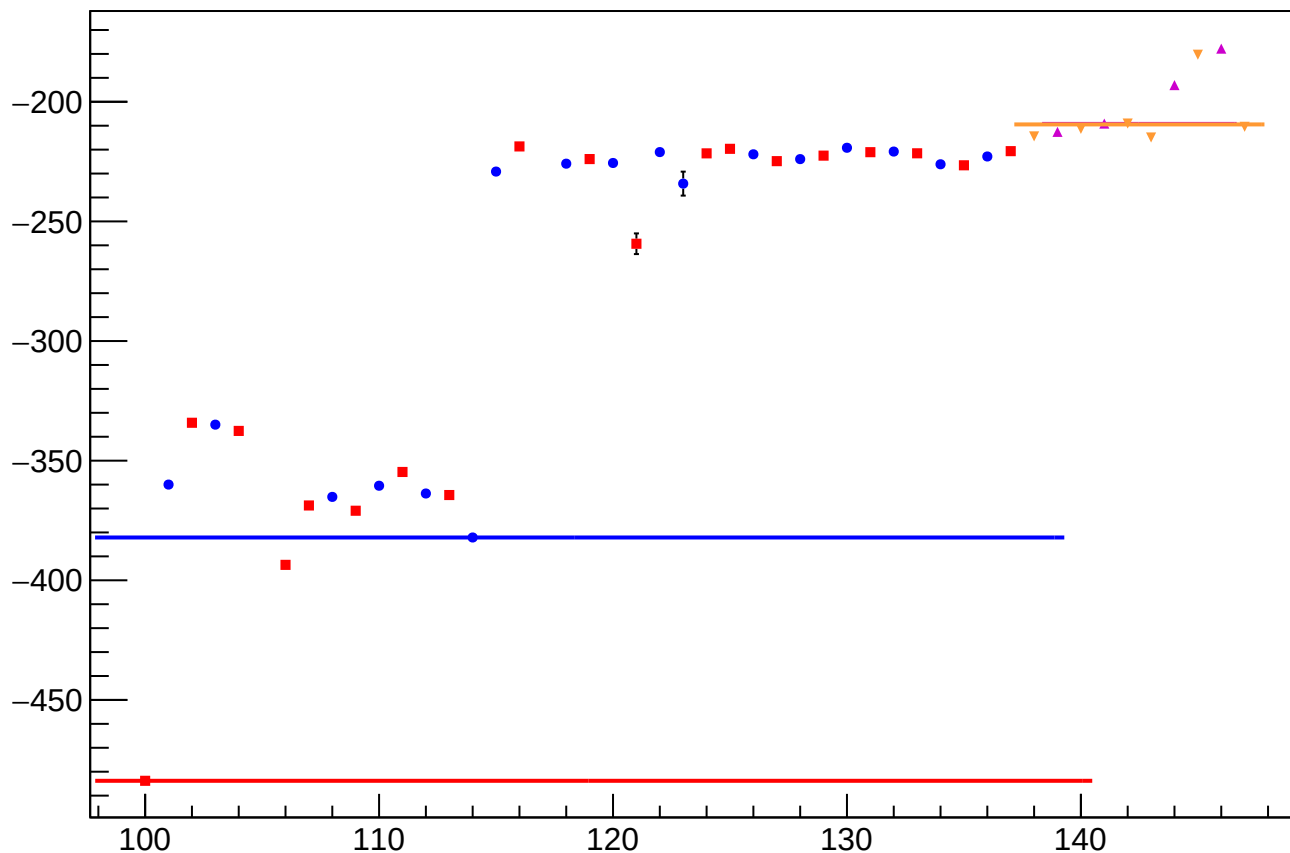
Left In: 14.278+/-0.022 χ^2/NDF : 5960.1/3

+ sign 54.556+/-0.000 χ^2/NDF : 17783886.8/22

All: 54.556+/-0.000 χ^2/NDF : 25393168.3/45

- sign 16.151+/-0.014 χ^2/NDF : 117707.5/22

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 χ^2/NDF : 18398024.3/16

Left Out: -209.464 ± 0.036 χ^2/NDF : 51950.9/5

Right Out: -483.800 ± 0.000 χ^2/NDF : 24338683.6/18

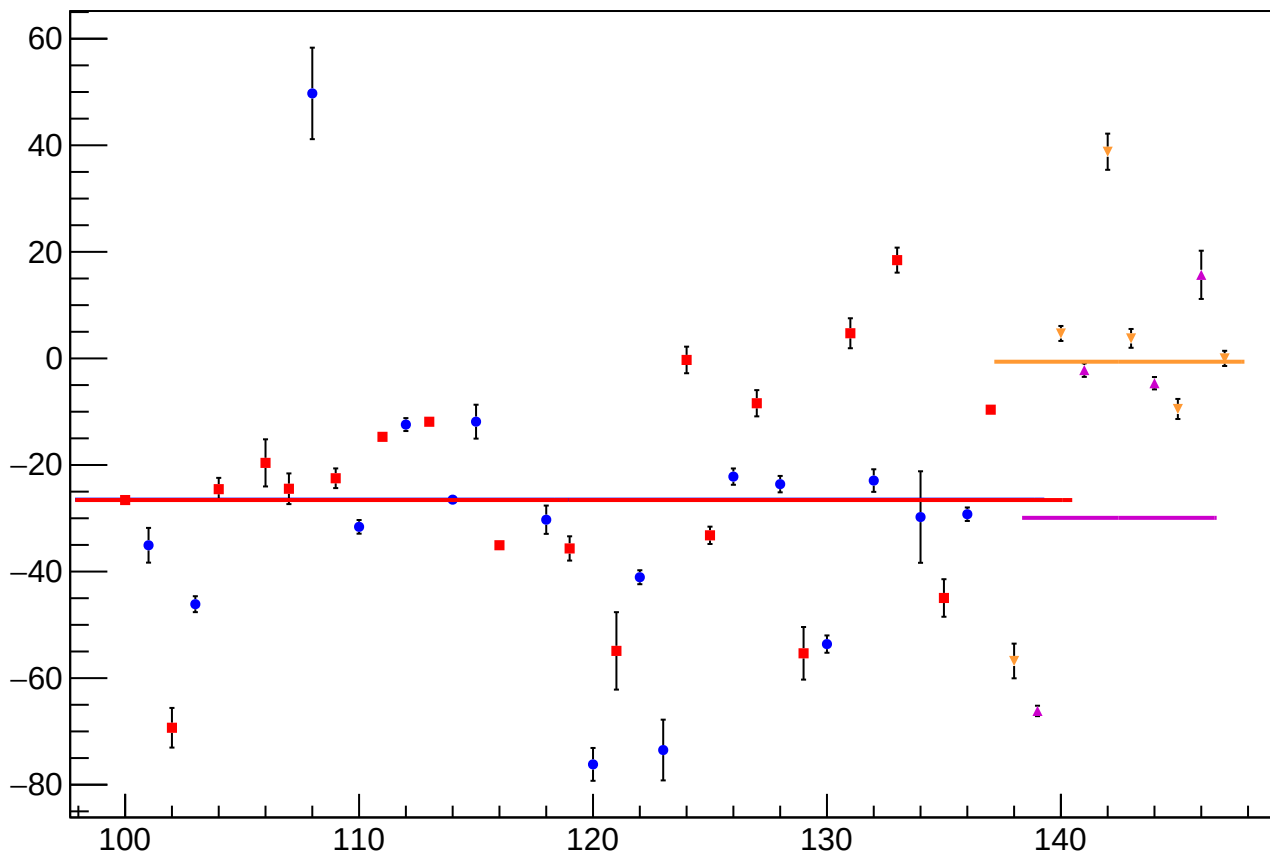
Left In: -209.249 ± 0.043 χ^2/NDF : 9489.5/3

+ sign -382.108 ± 0.000 χ^2/NDF : 41428167.2/22

All: -417.999 ± 0.000 χ^2/NDF : 12425488813

- sign -483.800 ± 0.000 χ^2/NDF : 65334900.0/22

dit_sam3_4aX_slope vs Slug



Right In: -26.504 ± 0.000 χ^2/NDF : 1180.7/16

Left Out: -0.616 ± 0.749 χ^2/NDF : 475.3/5

Right Out: -26.577 ± 0.000 χ^2/NDF : 2640.9/18

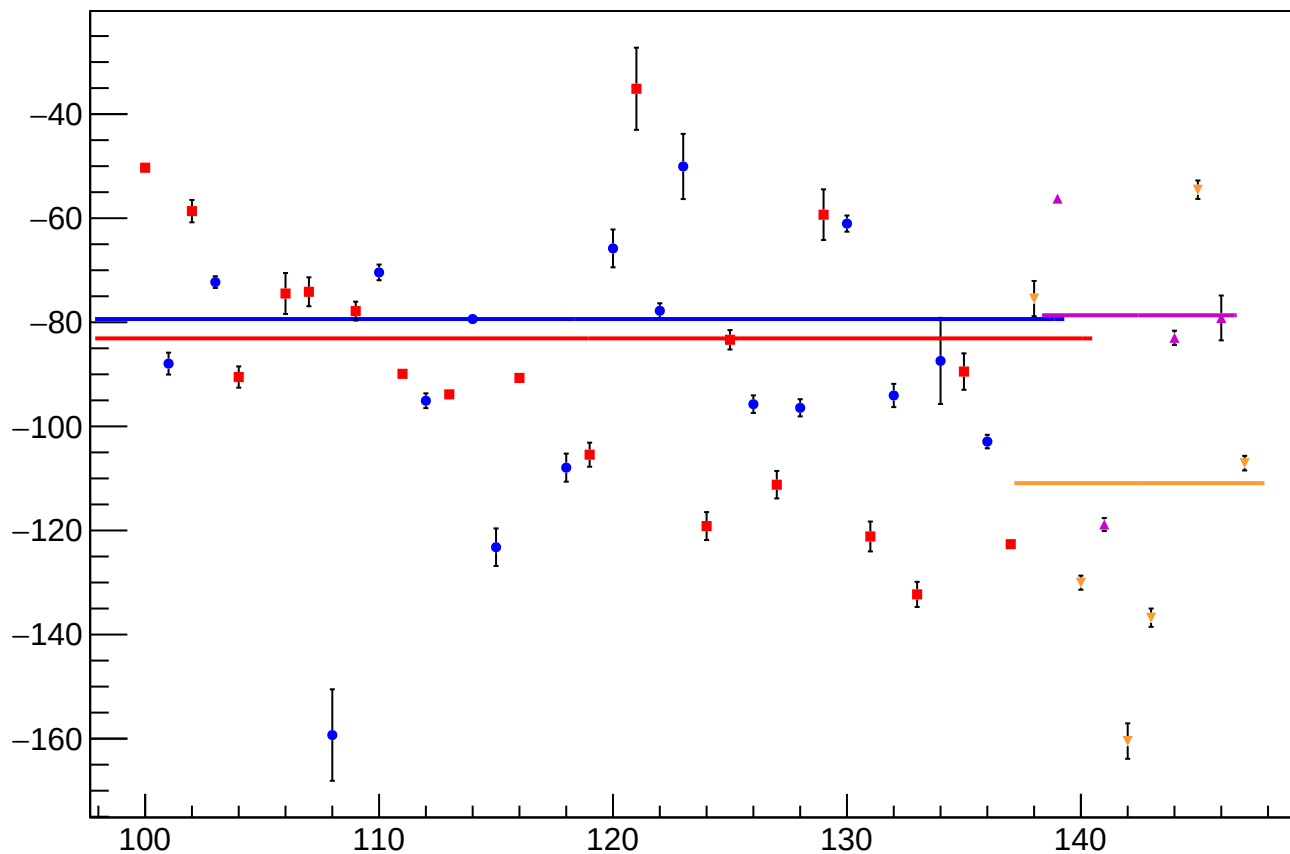
Left In: -29.918 ± 0.639 χ^2/NDF : 2418.1/3

+ sign -26.504 ± 0.000 χ^2/NDF : 2849.0/22

All: -26.530 ± 0.000 χ^2/NDF : 412159279654

- sign -26.577 ± 0.000 χ^2/NDF : 5086.3/22

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 $\chi^2/\text{NDF}: 1304.6/16$

Left Out: -110.909 ± 0.733 $\chi^2/\text{NDF}: 1753.8/5$

Right Out: -83.099 ± 0.178 $\chi^2/\text{NDF}: 11915.8/18$

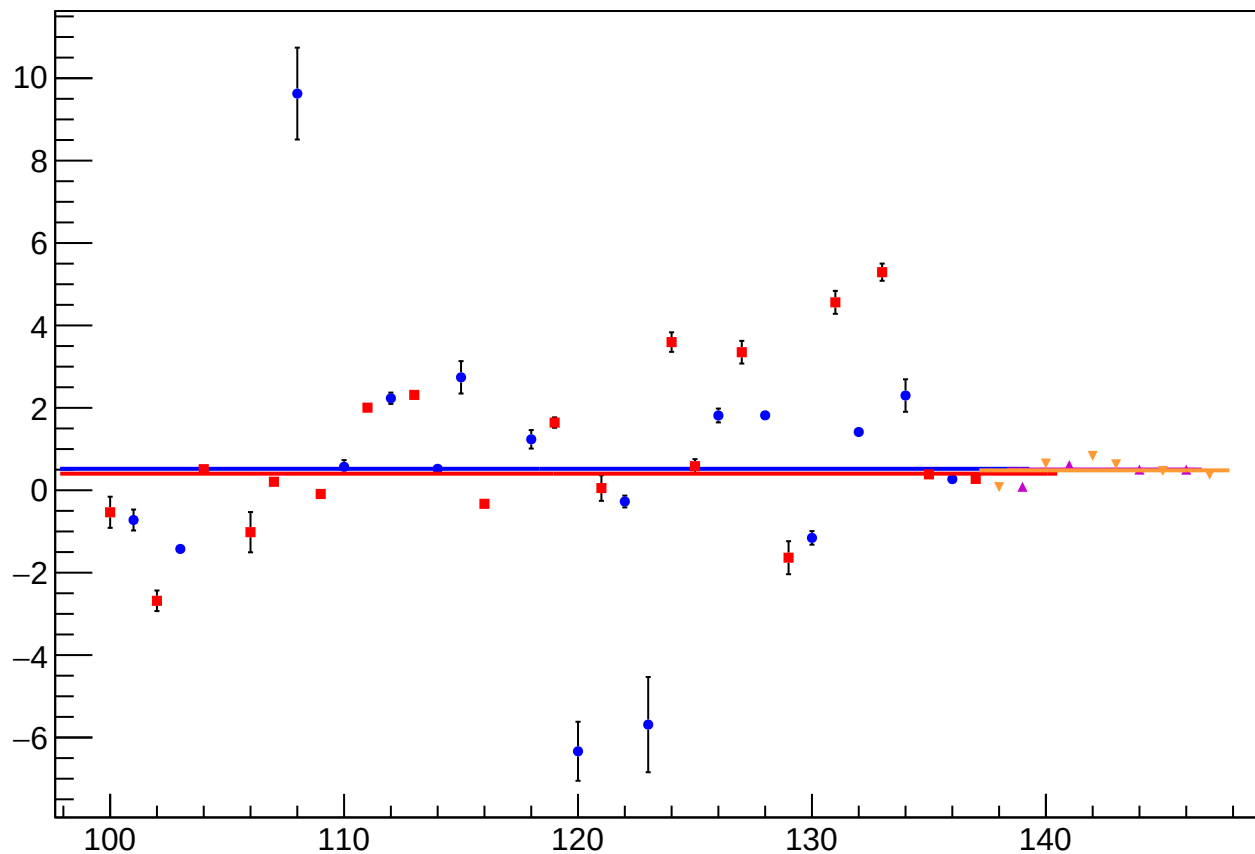
Left In: -78.650 ± 0.635 $\chi^2/\text{NDF}: 1676.8/3$

+ sign -79.376 ± 0.000 $\chi^2/\text{NDF}: 4908.4/22$

All: -79.376 ± 0.000 $\chi^2/\text{NDF}: 18938.9/45$

- sign -82.774 ± 0.172 $\chi^2/\text{NDF}: 13638.1/22$

dit_sam3_11X12X_slope vs Slug



Right In: 0.521+/-0.000 χ^2/NDF : 3370.8/16

Left Out: 0.483+/-0.005 χ^2/NDF : 1238.7/5

Right Out: 0.403+/-0.011 χ^2/NDF : 2727.5/18

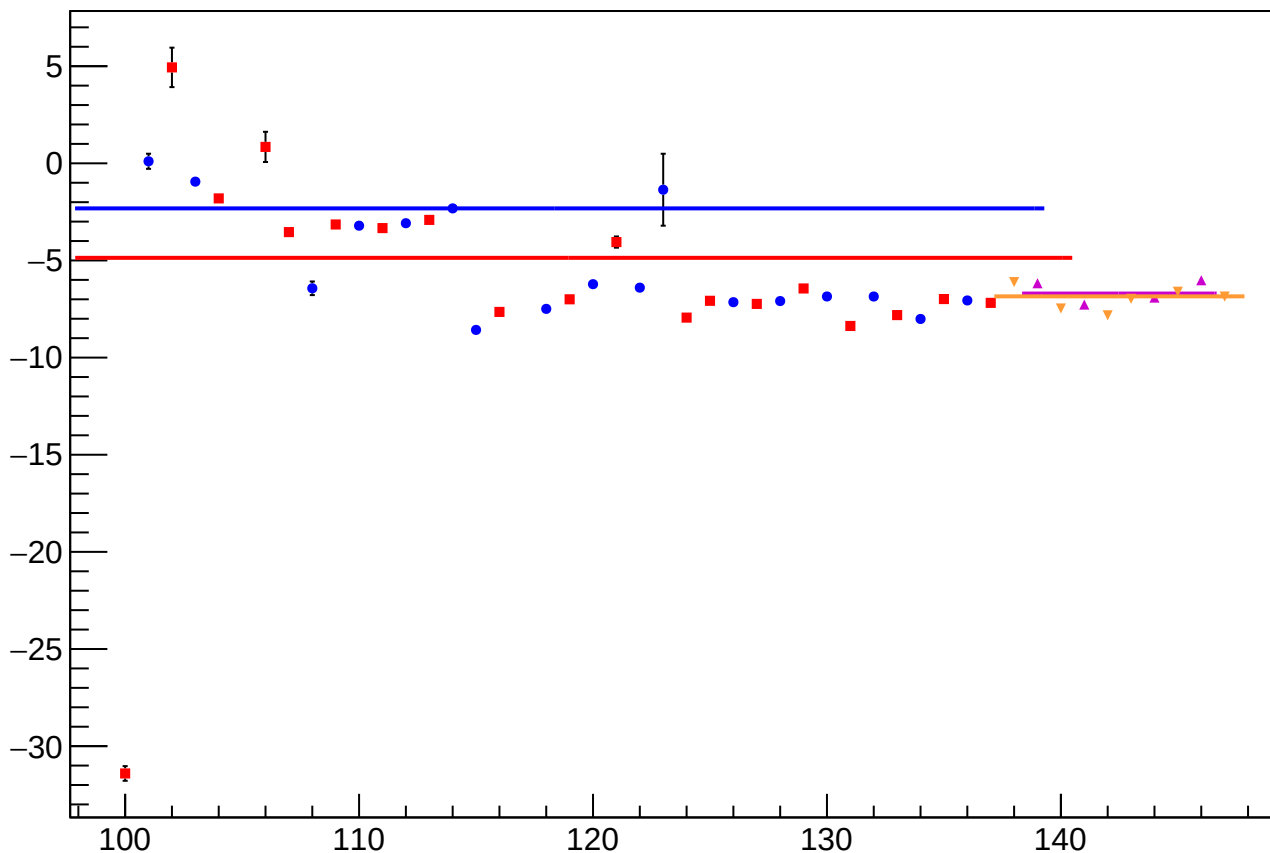
Left In: 0.504+/-0.003 χ^2/NDF : 2615.1/3

+ sign 0.521+/-0.000 χ^2/NDF : 4658.0/22

All: 0.521+/-0.000 χ^2/NDF : 10140.3/45

- sign 0.495+/-0.003 χ^2/NDF : 5421.1/22

dit_sam3_4aY_slope vs Slug



Right In: -2.320 ± 0.000 χ^2/NDF : 270771.9/16

Left Out: -6.848 ± 0.007 χ^2/NDF : 1423.8/5

Right Out: -4.864 ± 0.010 χ^2/NDF : 49380.5/18

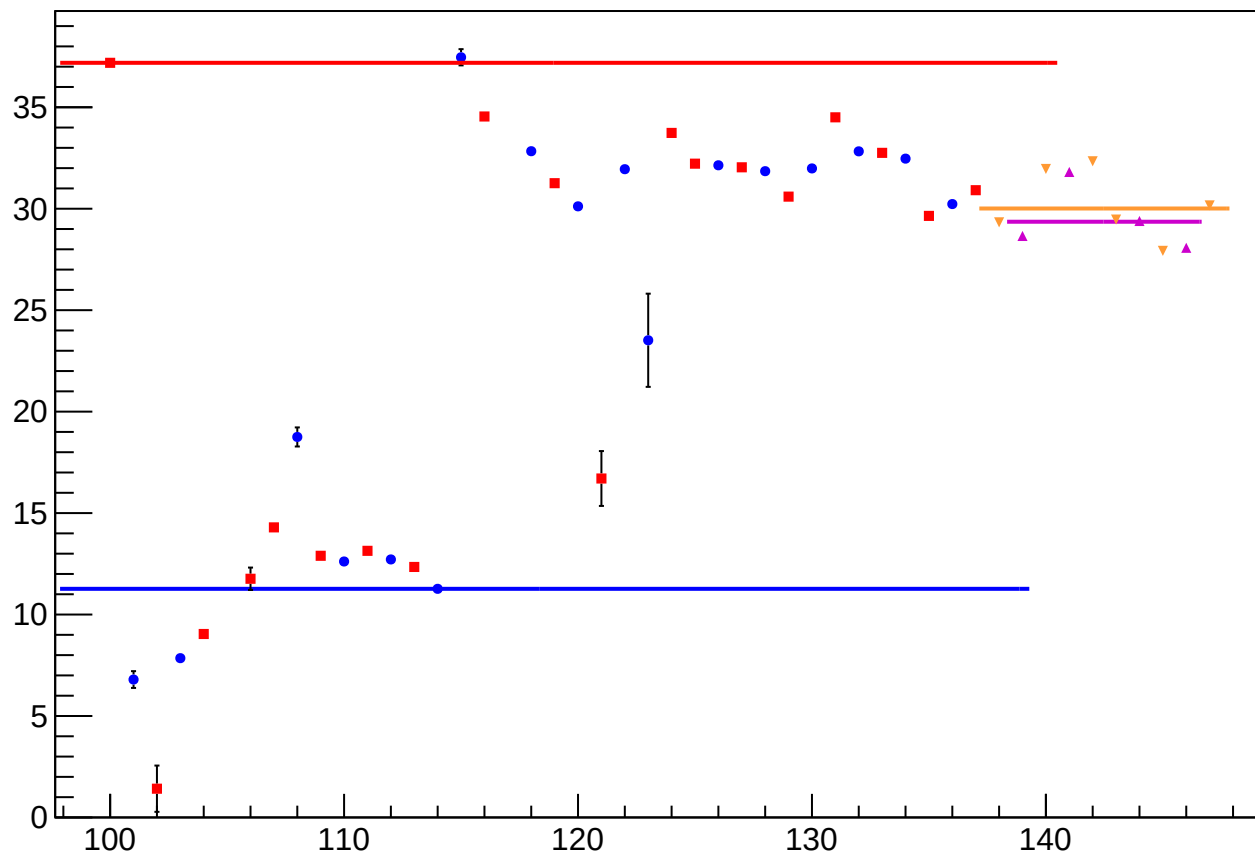
Left In: -6.703 ± 0.008 χ^2/NDF : 3464.9/3

+ sign -2.320 ± 0.000 χ^2/NDF : 749410.5/22

All: -2.320 ± 0.000 χ^2/NDF : 1194151.7/45

- sign -6.053 ± 0.006 χ^2/NDF : 73433.4/22

dit_sam3_4eY_slope vs Slug



Right In: 11.268+/-0.000 χ^2 /NDF: 958029.3/16

Left Out: 30.011+/-0.024 χ^2 /NDF:3718.2/5

Right Out: 37.191+/-0.000 χ^2 /NDF: 1121929.1/18

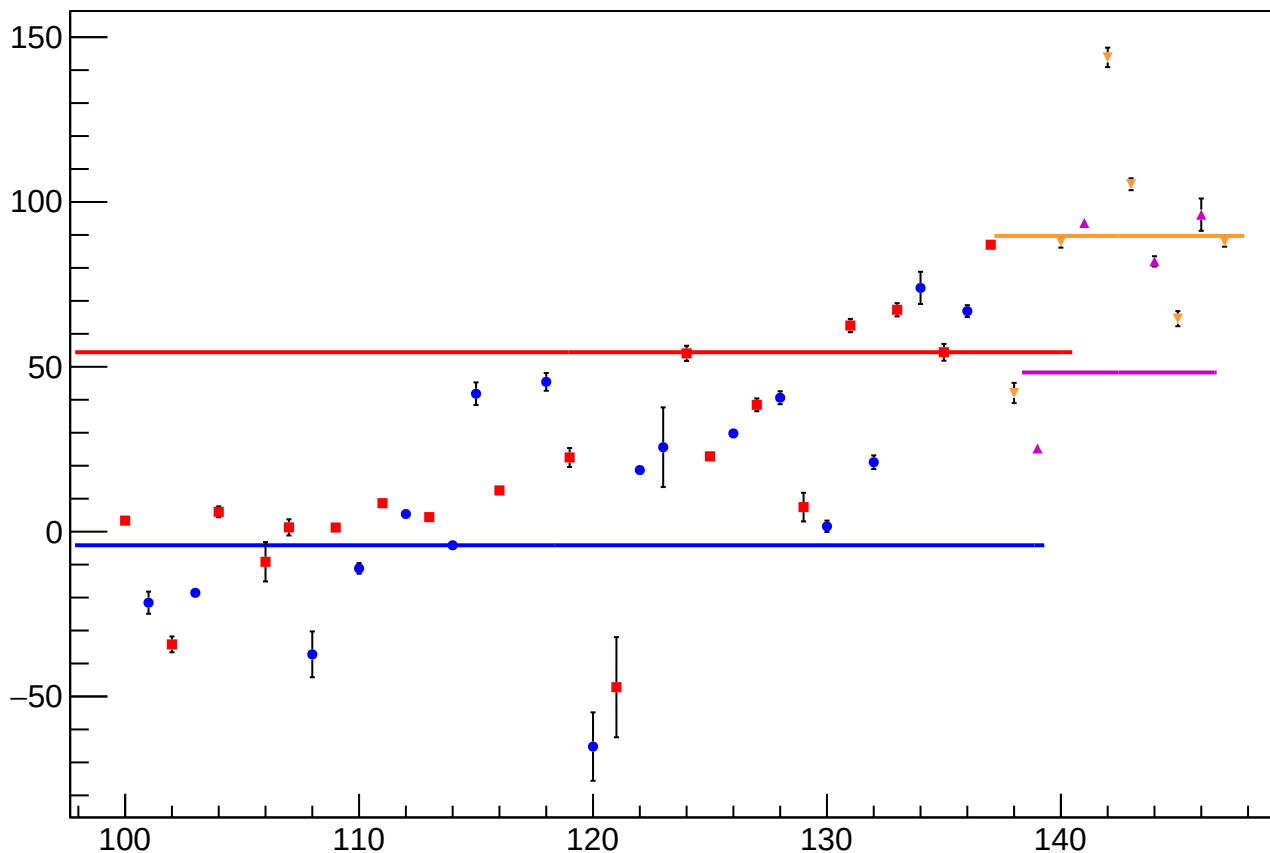
Left In: 29.359+/-0.028 χ^2 /NDF:1705.5/3

+ sign 11.268+/-0.000 χ^2 /NDF: 1565785.2/22

All: 12.122+/-0.000 χ^2 /NDF: 7723055694978

- sign 37.191+/-0.000 χ^2 /NDF: 1204650.8/22

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 $\chi^2/\text{NDF}: 4654.2/16$

Left Out: 89.704 ± 0.841 $\chi^2/\text{NDF}: 774.7/5$

Right Out: 54.427 ± 0.170 $\chi^2/\text{NDF}: 53998.7/18$

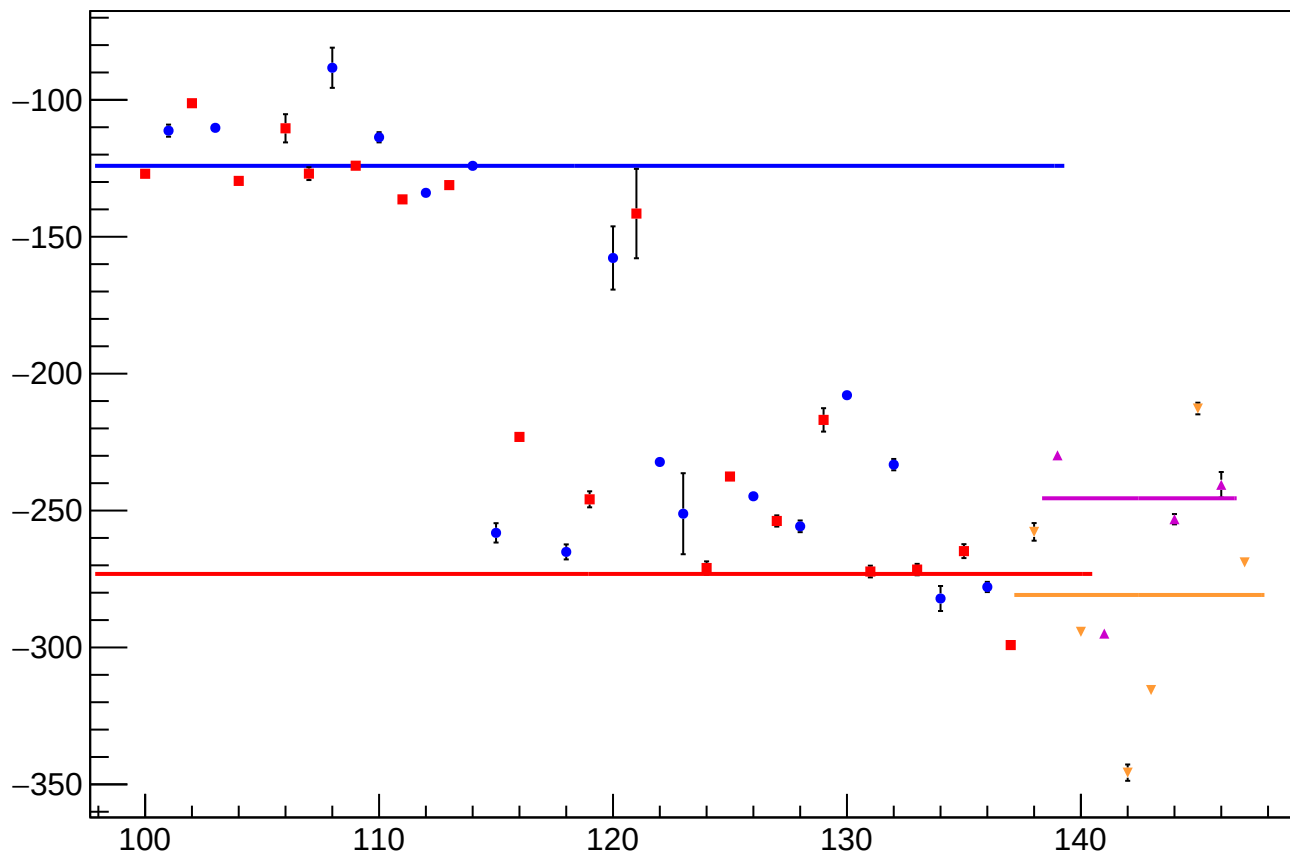
Left In: 48.283 ± 0.584 $\chi^2/\text{NDF}: 2805.4/3$

+ sign -4.139 ± 0.000 $\chi^2/\text{NDF}: 17867.9/22$

All: -4.139 ± 0.000 $\chi^2/\text{NDF}: 20113.5/45$

- sign 53.945 ± 0.163 $\chi^2/\text{NDF}: 56906.2/22$

dit_sam4_4eX_slope vs Slug



Right In: -124.095 $\pm$ 0.000 χ^2/NDF : 38152.5/16

Left Out: -280.824 $\pm$ 0.832 χ^2/NDF : 2026.7/5

Right Out: -273.143 $\pm$ 0.113 χ^2/NDF : 280141.9/18

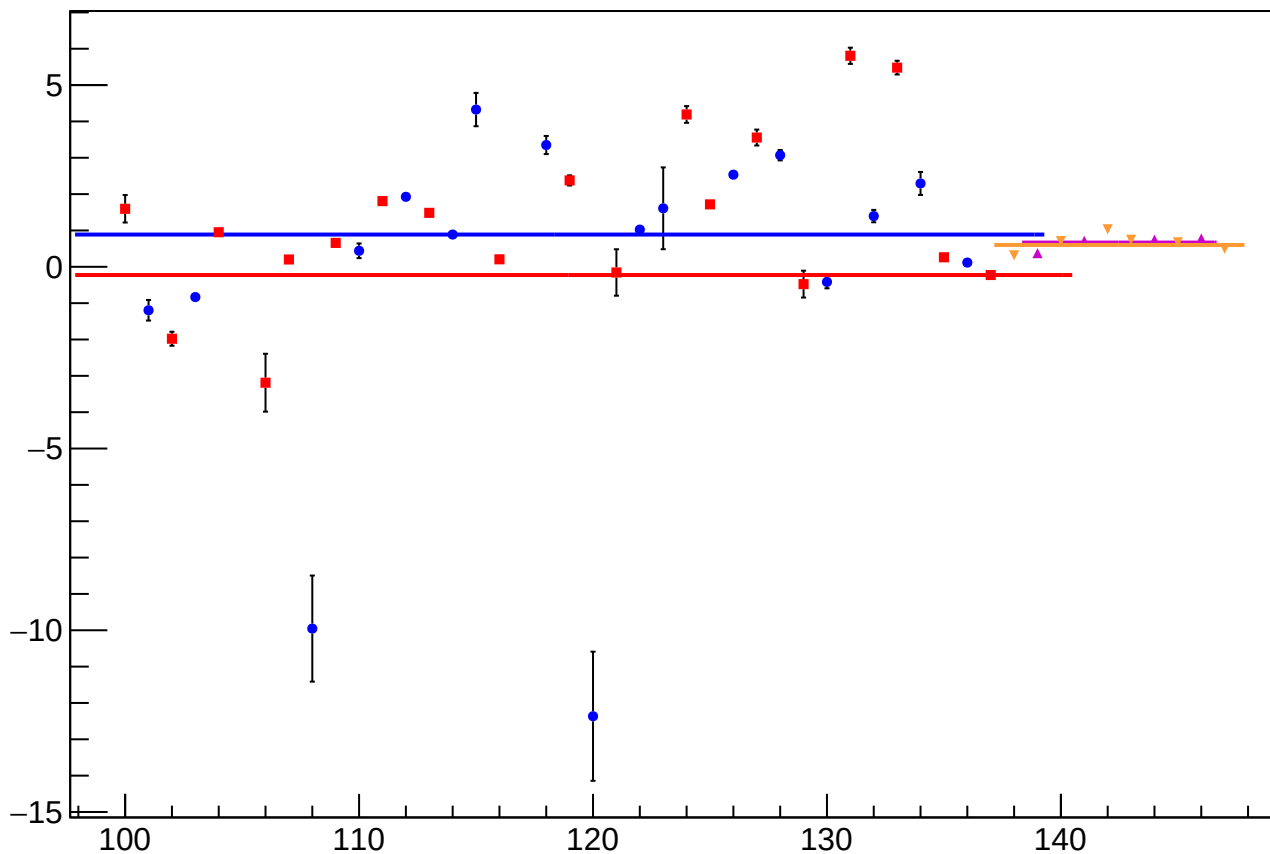
Left In: -245.517 $\pm$ 0.565 χ^2/NDF : 2128.3/3

+ sign -124.095 $\pm$ 0.000 χ^2/NDF : 75632.5/22

All: -124.095 $\pm$ 0.000 χ^2/NDF : 2152602.1/45

- sign -272.085 $\pm$ 0.111 χ^2/NDF : 284571.1/22

dit_sam4_11X12X_slope vs Slug



Right In: 0.888 ± 0.000 χ^2/NDF : 8672.0/16

Left Out: 0.601 ± 0.006 χ^2/NDF : 1085.0/5

Right Out: -0.226 ± 0.000 χ^2/NDF : 5031.1/18

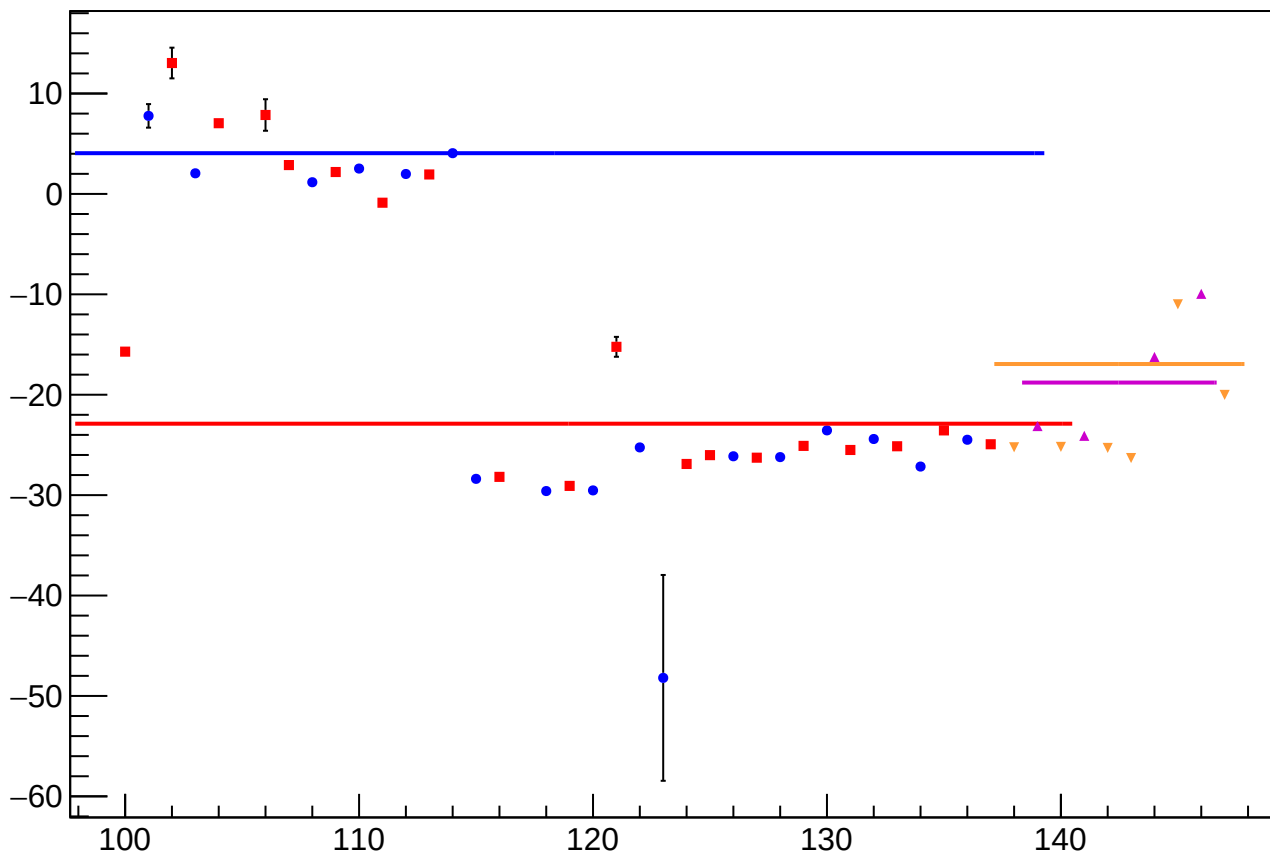
Left In: 0.667 ± 0.005 χ^2/NDF : 756.5/3

+ sign 0.888 ± 0.000 χ^2/NDF : 11857.6/22

All: 0.888 ± 0.000 χ^2/NDF : 42226237.8/45

- sign -0.226 ± 0.000 χ^2/NDF : 34672.7/22

dit_sam4_4aY_slope vs Slug



Right In: 4.057 ± 0.000 χ^2/NDF : 1247888.2/16

Left Out: -16.941 ± 0.024 χ^2/NDF : 67621.2/5

Right Out: -22.885 ± 0.026 χ^2/NDF : 116508.9/18

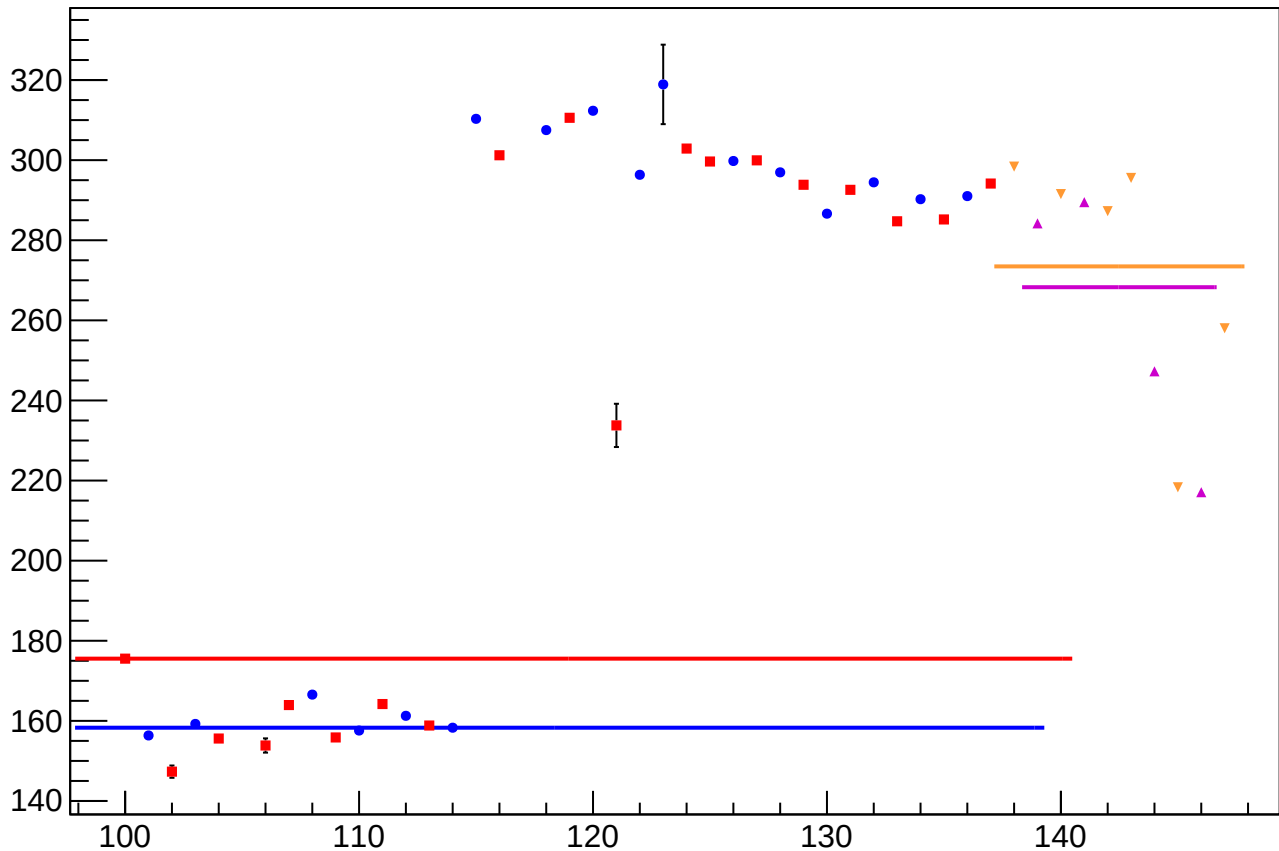
Left In: -18.789 ± 0.049 χ^2/NDF : 16664.3/3

+ sign 4.057 ± 0.000 χ^2/NDF : 2056616.2/22

All: 4.057 ± 0.000 χ^2/NDF : 3456100.9/45

- sign -21.964 ± 0.023 χ^2/NDF : 138619.5/22

dit_sam4_4eY_slope vs Slug



Right In: 158.293+/-0.000 χ^2/NDF : 2410913.3/16

Left Out: 273.472+/-0.074 χ^2/NDF :162836.9/5

Right Out: 175.536+/-0.000 χ^2/NDF : 2100196.2/18

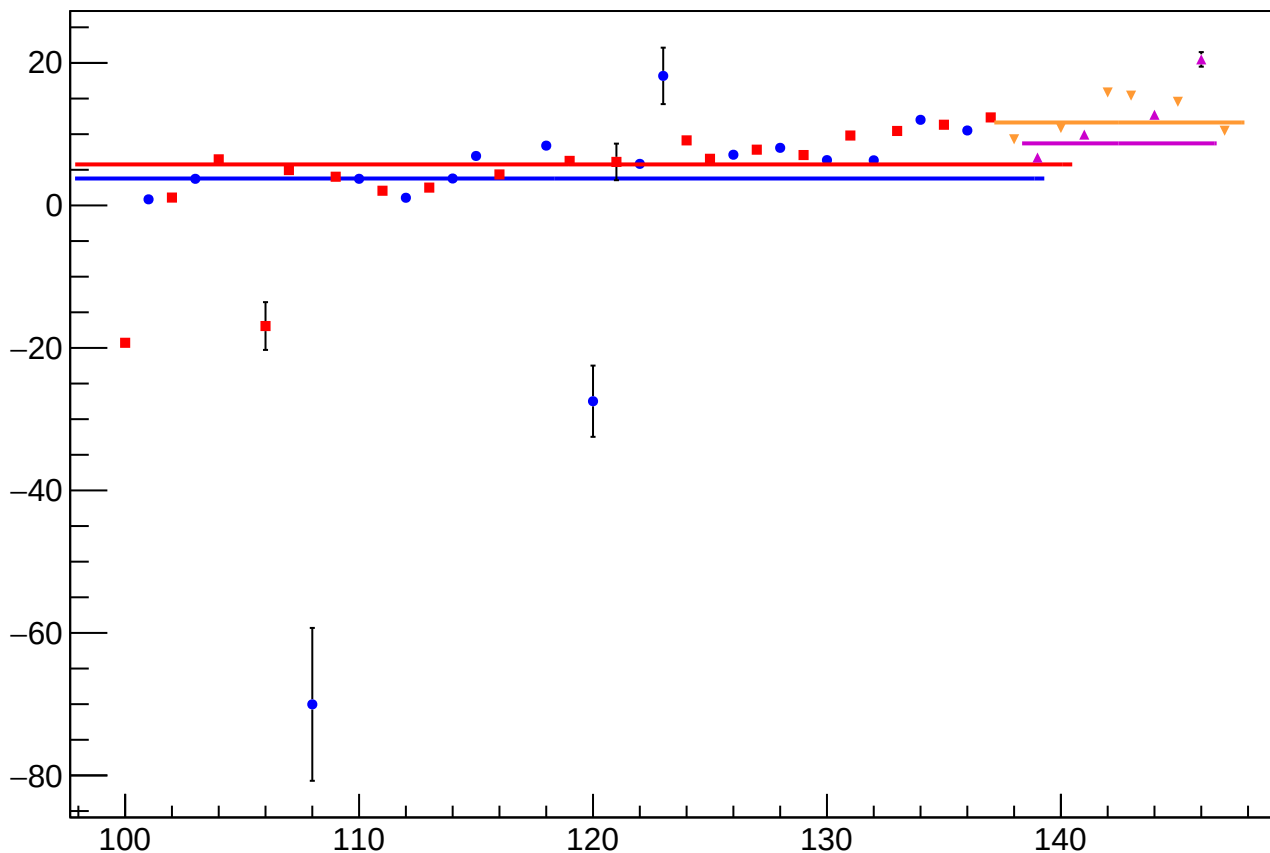
Left In: 268.278+/-0.164 χ^2/NDF :34462.7/3

+ sign 158.293+/-0.000 χ^2/NDF : 4975549.8/22

All: 172.618+/-0.000 χ^2/NDF : 373727491225

- sign 175.536+/-0.000 χ^2/NDF : 2456255.9/22

dit_sam5_4aX_slope vs Slug



Right In: 3.778 ± 0.000 χ^2/NDF : 6871.4/16

Left Out: 11.642 ± 0.077 χ^2/NDF : 707.7/5

Right Out: 5.756 ± 0.026 χ^2/NDF : 22291.6/18

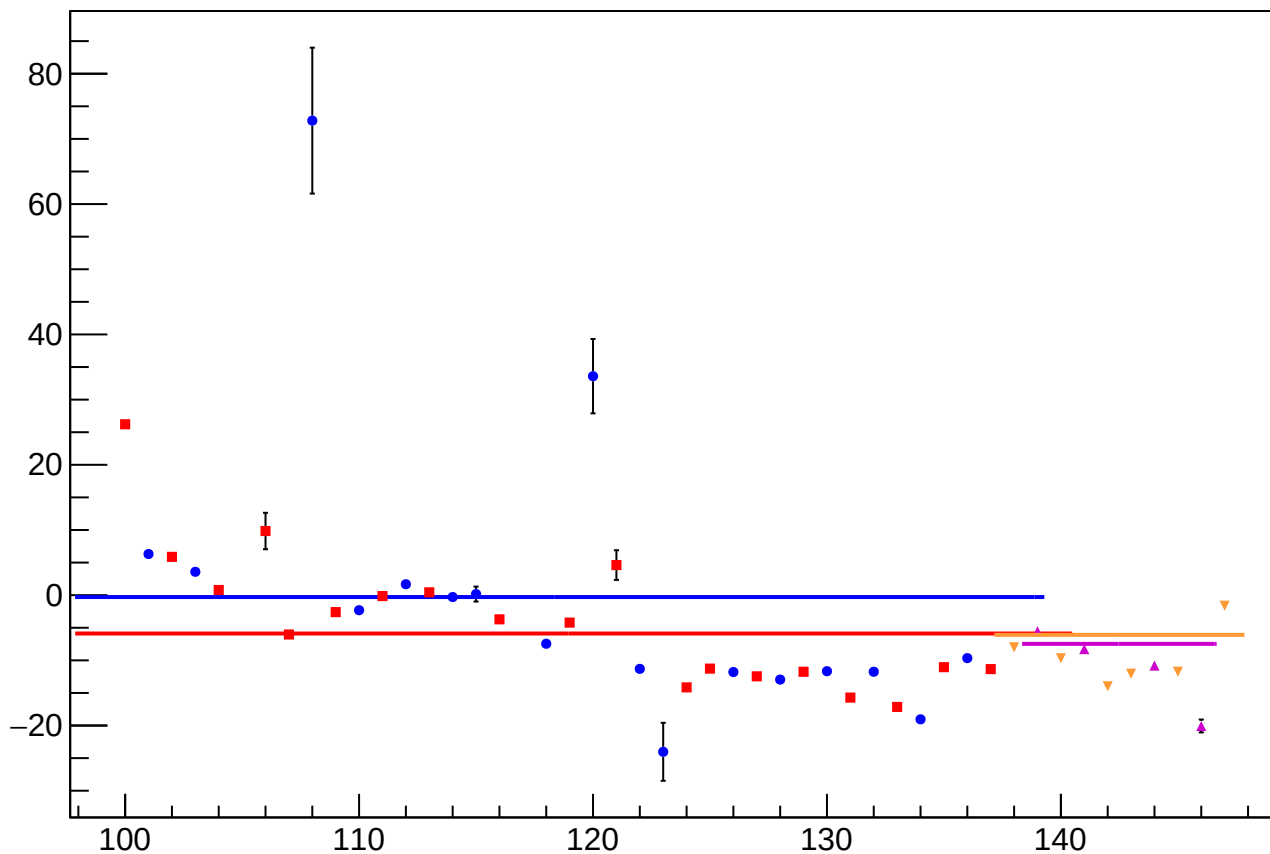
Left In: 8.708 ± 0.062 χ^2/NDF : 1335.5/3

+ sign 3.778 ± 0.000 χ^2/NDF : 17934.1/22

All: 3.778 ± 0.000 χ^2/NDF : 53737.7/45

- sign 6.188 ± 0.024 χ^2/NDF : 25550.8/22

dit_sam5_4eX_slope vs Slug



Right In: -0.287 ± 0.000 χ^2/NDF : 44276.5/16

Left Out: -6.086 ± 0.076 χ^2/NDF : 3886.2/5

Right Out: -5.882 ± 0.027 χ^2/NDF : 63493.9/18

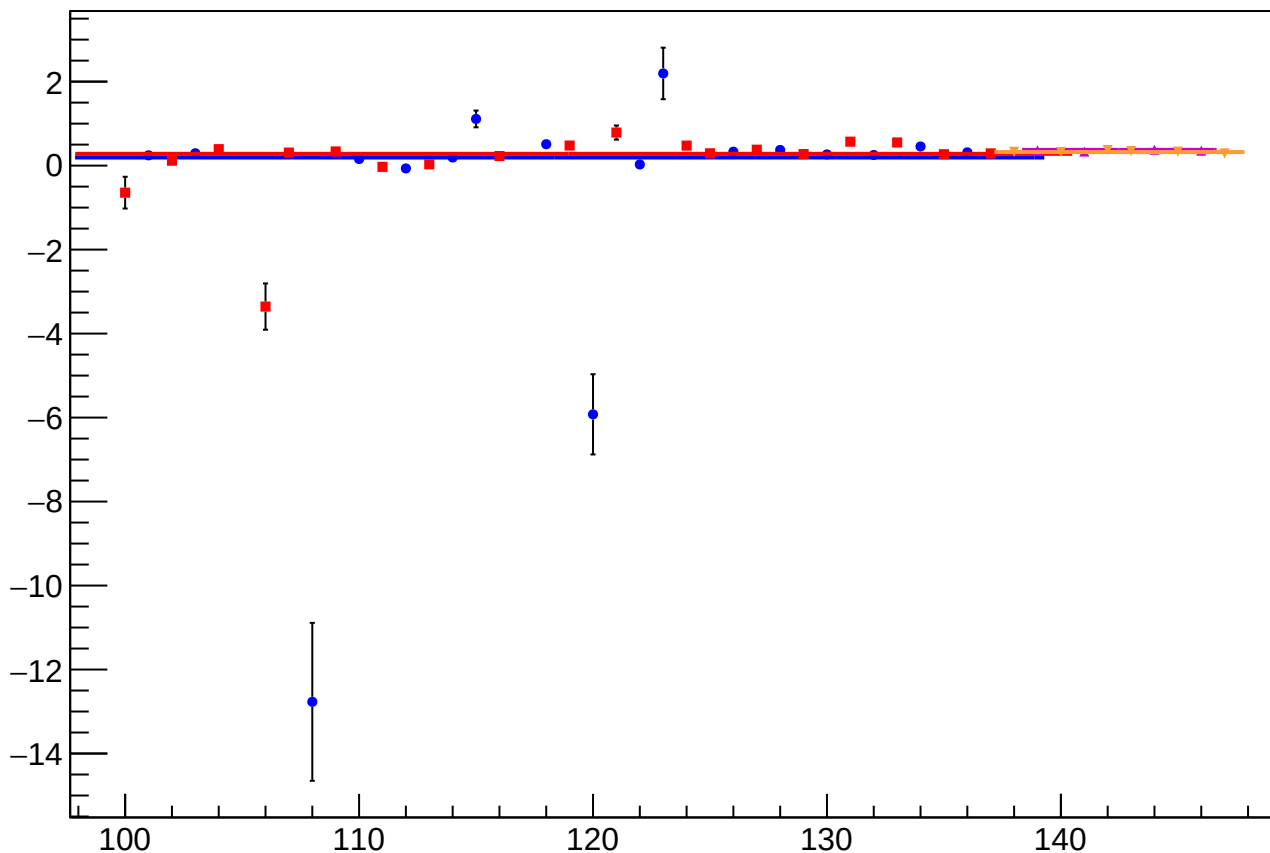
Left In: -7.471 ± 0.066 χ^2/NDF : 991.6/3

+ sign -0.287 ± 0.000 χ^2/NDF : 53968.5/22

All: -0.287 ± 0.000 χ^2/NDF : 172549.5/45

- sign -6.112 ± 0.025 χ^2/NDF : 64979.6/22

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 ± 0.000 χ^2/NDF : 10027.5/16

Left Out: 0.323 ± 0.001 χ^2/NDF : 495.2/5

Right Out: 0.280 ± 0.001 χ^2/NDF : 6059.0/18

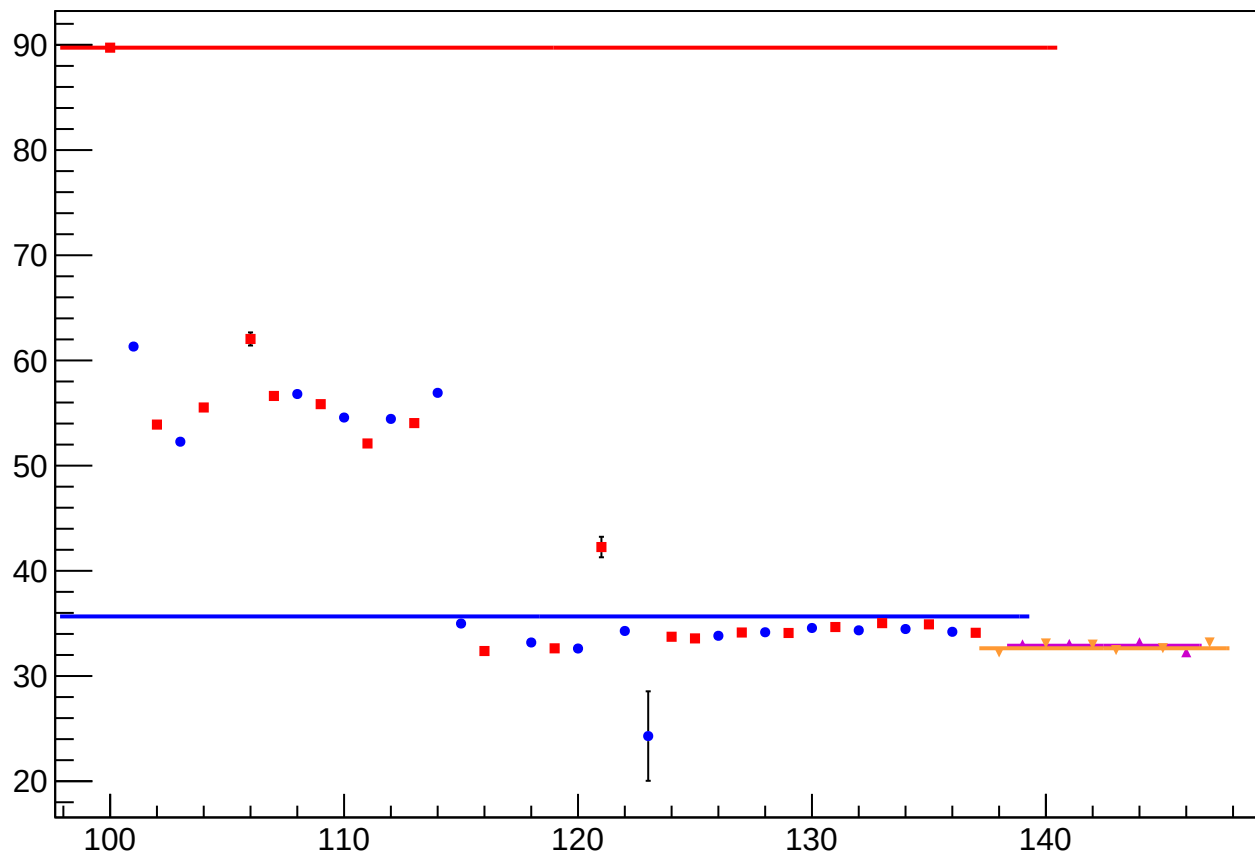
Left In: 0.374 ± 0.001 χ^2/NDF : 71.5/3

+ sign 0.193 ± 0.000 χ^2/NDF : 27717.1/22

All: 0.193 ± 0.000 χ^2/NDF : 57311.8/45

- sign 0.334 ± 0.001 χ^2/NDF : 8438.3/22

dit_sam5_4aY_slope vs Slug



Right In: 35.664 $\pm$ 0.011 χ^2 /NDF: 218662.5/16

Left Out: 32.637 $\pm$ 0.012 χ^2 /NDF: 762.5/5

Right Out: 89.735 $\pm$ 0.000 χ^2 /NDF: 25801560.6/18

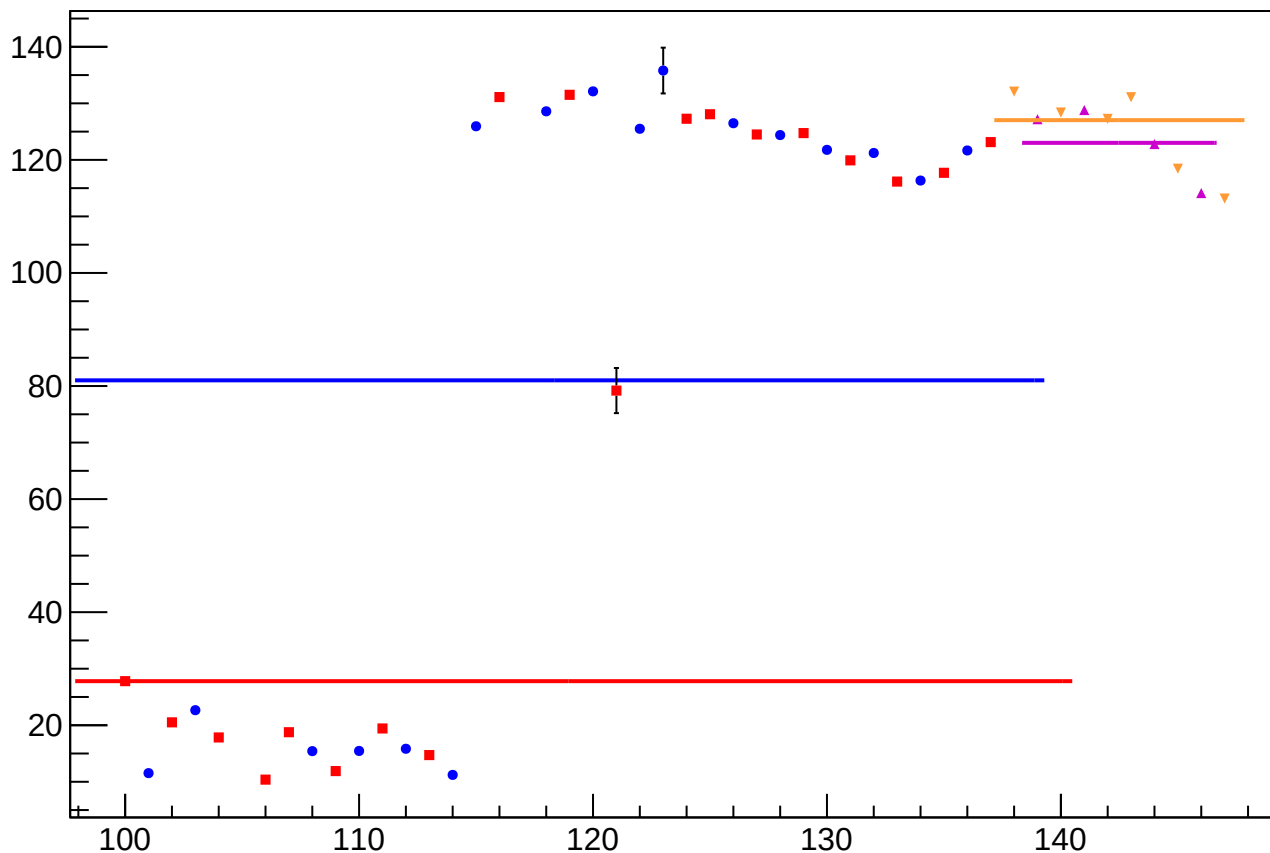
Left In: 32.880 $\pm$ 0.013 χ^2 /NDF: 828.7/3

+ sign 34.191 $\pm$ 0.008 χ^2 /NDF: 253923.3/22

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 90451284.5/45

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 43687680.2/22

dit_sam5_4eY_slope vs Slug



Right In: 81.005 $\pm$ 0.035 χ^2 /NDF: 2228881.4/16

Left Out: 127.026 $\pm$ 0.033 χ^2 /NDF: 31999.9/5

Right Out: 27.798 $\pm$ 0.000 χ^2 /NDF: 9183707.8/18

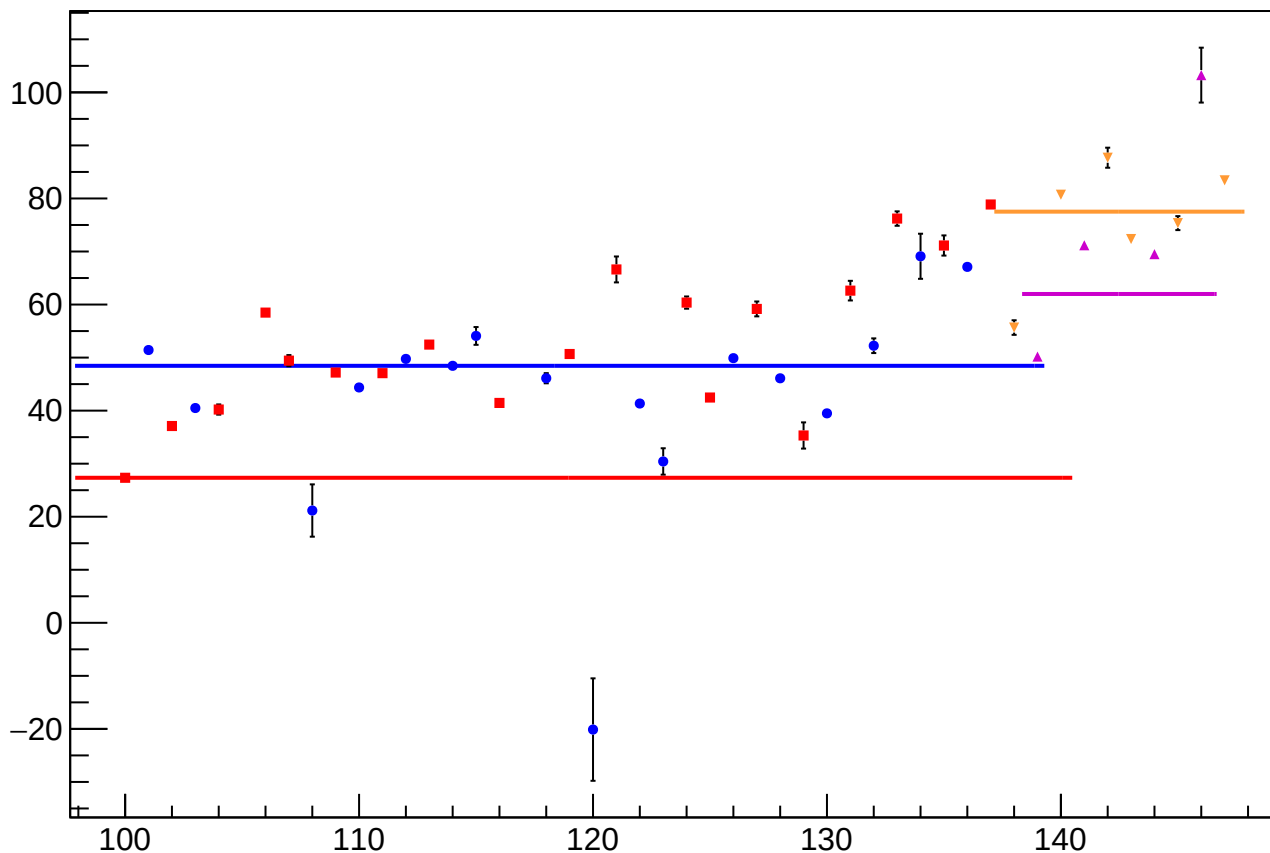
Left In: 123.012 $\pm$ 0.050 χ^2 /NDF: 15236.4/3

+ sign 105.015 $\pm$ 0.024 χ^2 /NDF: 3187484.7/22

All: 27.798 $\pm$ 0.000 χ^2 /NDF: 26440187.3/45

- sign 27.798 $\pm$ 0.000 χ^2 /NDF: 12798514.1/22

dit_sam6_4aX_slope vs Slug



Right In: 48.450 $\pm$ 0.000 χ^2 /NDF: 2751.4/16

Left Out: 77.515 $\pm$ 0.380 χ^2 /NDF: 418.2/5

Right Out: 27.342 $\pm$ 0.000 χ^2 /NDF: 25810.4/18

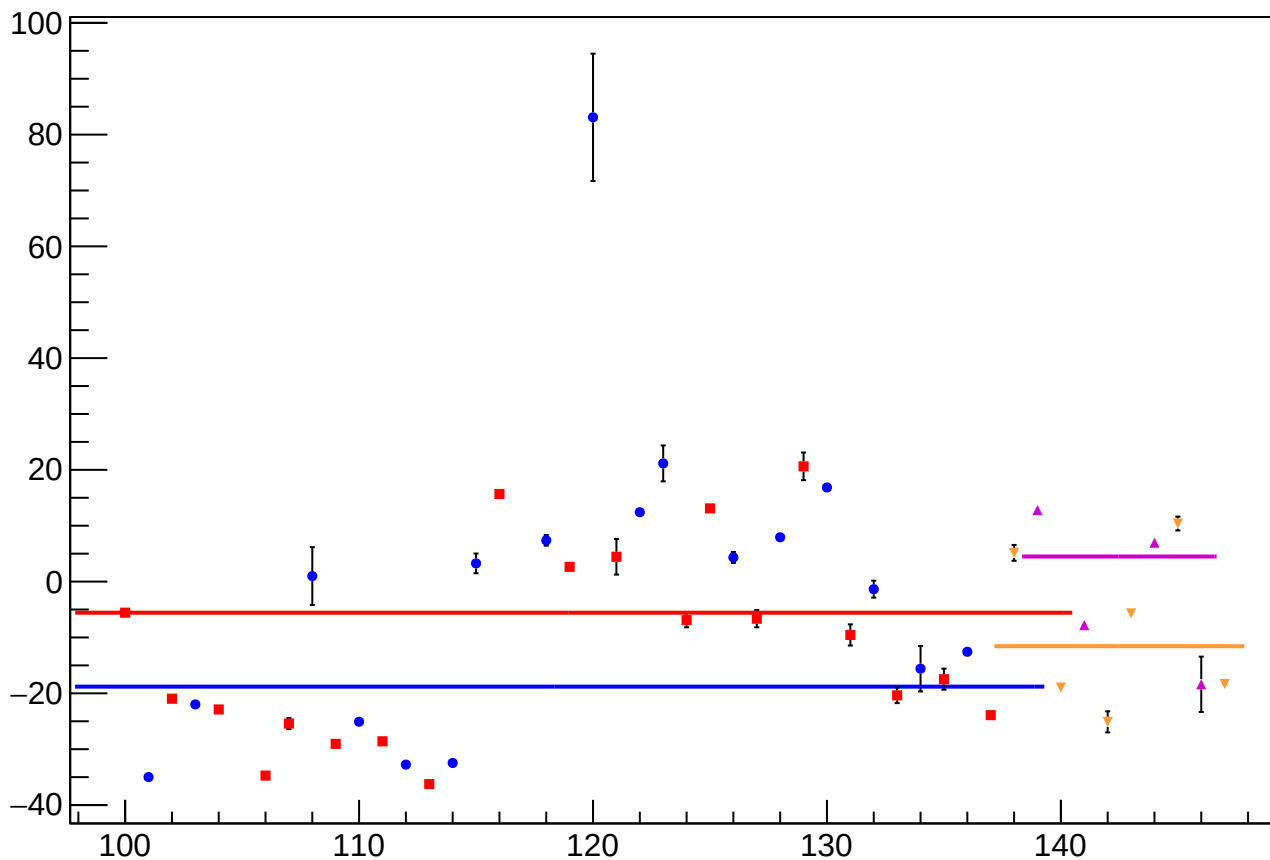
Left In: 61.992 $\pm$ 0.331 χ^2 /NDF: 981.4/3

+ sign 48.450 $\pm$ 0.000 χ^2 /NDF: 9013.0/22

All: 28.365 $\pm$ 0.000 χ^2 /NDF: 102629010488

- sign 27.342 $\pm$ 0.000 χ^2 /NDF: 37766.0/22

dit_sam6_4eX_slope vs Slug



Right In: -18.800 ± 0.148 $\chi^2/\text{NDF}: 11764.7/16$

Left Out: -11.569 ± 0.376 $\chi^2/\text{NDF}: 759.1/5$

Right Out: -5.568 ± 0.000 $\chi^2/\text{NDF}: 23097.3/18$

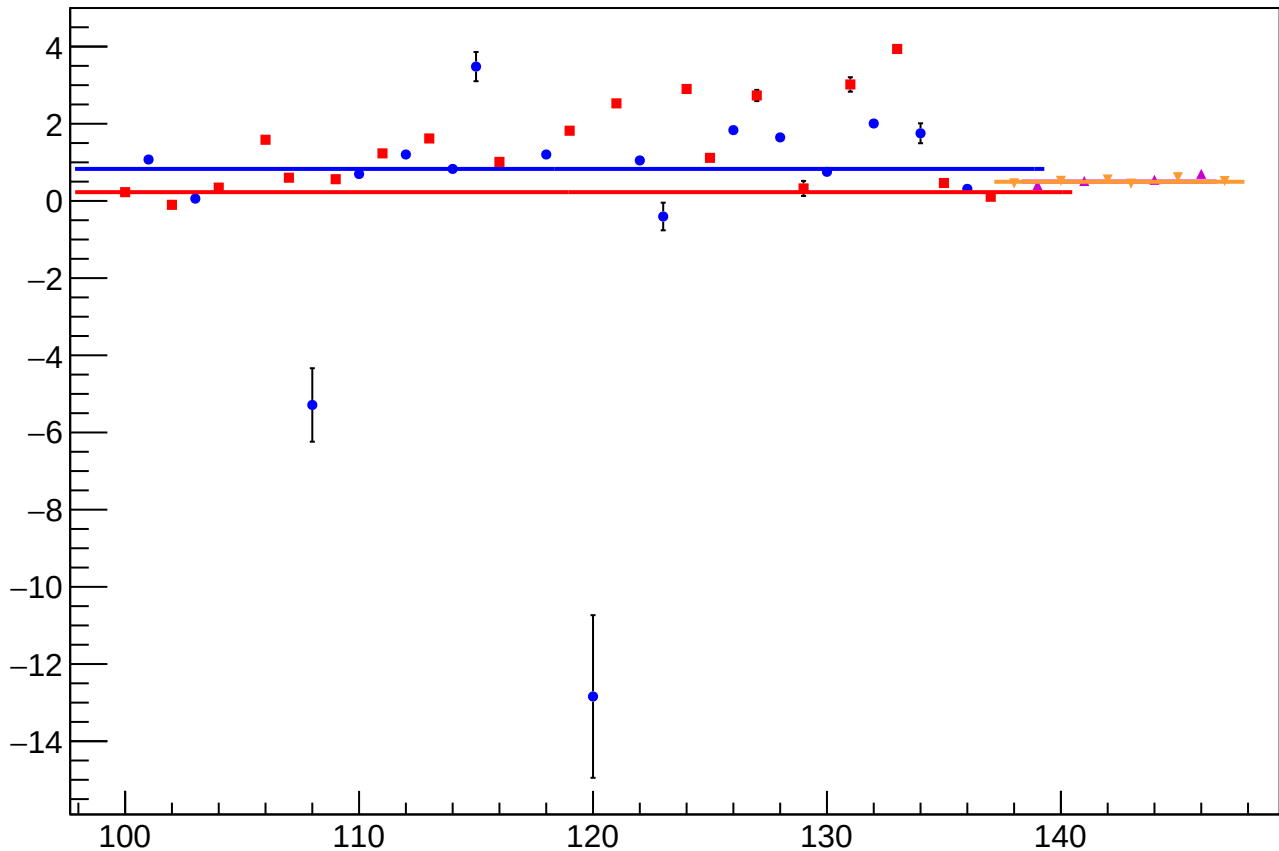
Left In: 4.493 ± 0.325 $\chi^2/\text{NDF}: 790.5/3$

+ sign -17.826 ± 0.138 $\chi^2/\text{NDF}: 12843.2/22$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 45568.7/45$

- sign -5.568 ± 0.000 $\chi^2/\text{NDF}: 24844.1/22$

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 $\pm$ 0.000 χ^2 /NDF: 14882.7/16

Left Out: 0.496 $\pm$ 0.002 χ^2 /NDF:291.5/5

Right Out: 0.227 $\pm$ 0.000 χ^2 /NDF: 11819.9/18

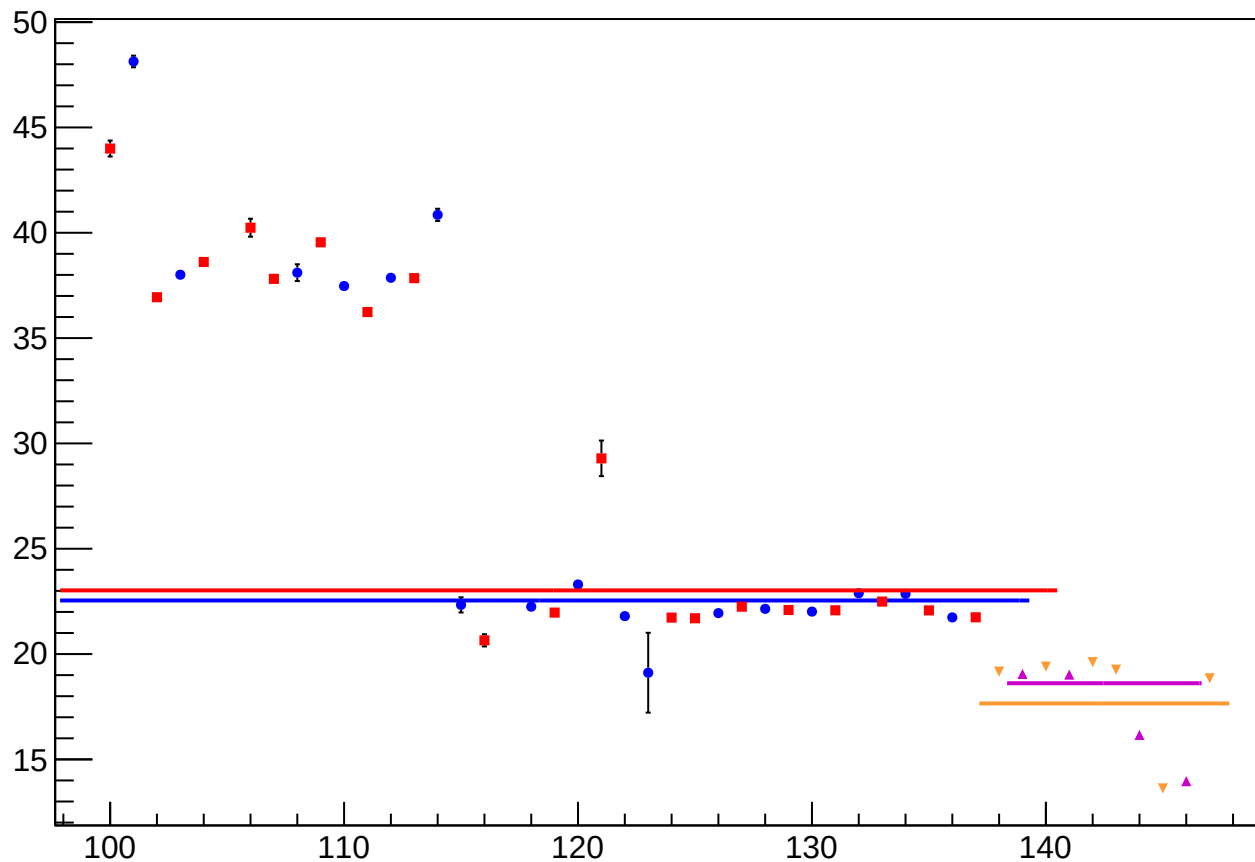
Left In: 0.502 $\pm$ 0.003 χ^2 /NDF:439.4/3

+ sign 0.830 $\pm$ 0.000 χ^2 /NDF: 35354.5/22

All: 0.289 $\pm$ 0.000 χ^2 /NDF: 29066082561457

- sign 0.227 $\pm$ 0.000 χ^2 /NDF: 23091.2/22

dit_sam6_4aY_slope vs Slug



Right In: 22.543 $\pm$ 0.009 χ^2 /NDF: 105452.8/16

Left Out: 17.656 $\pm$ 0.010 χ^2 /NDF: 67762.5/5

Right Out: 23.023 $\pm$ 0.009 χ^2 /NDF: 165838.0/18

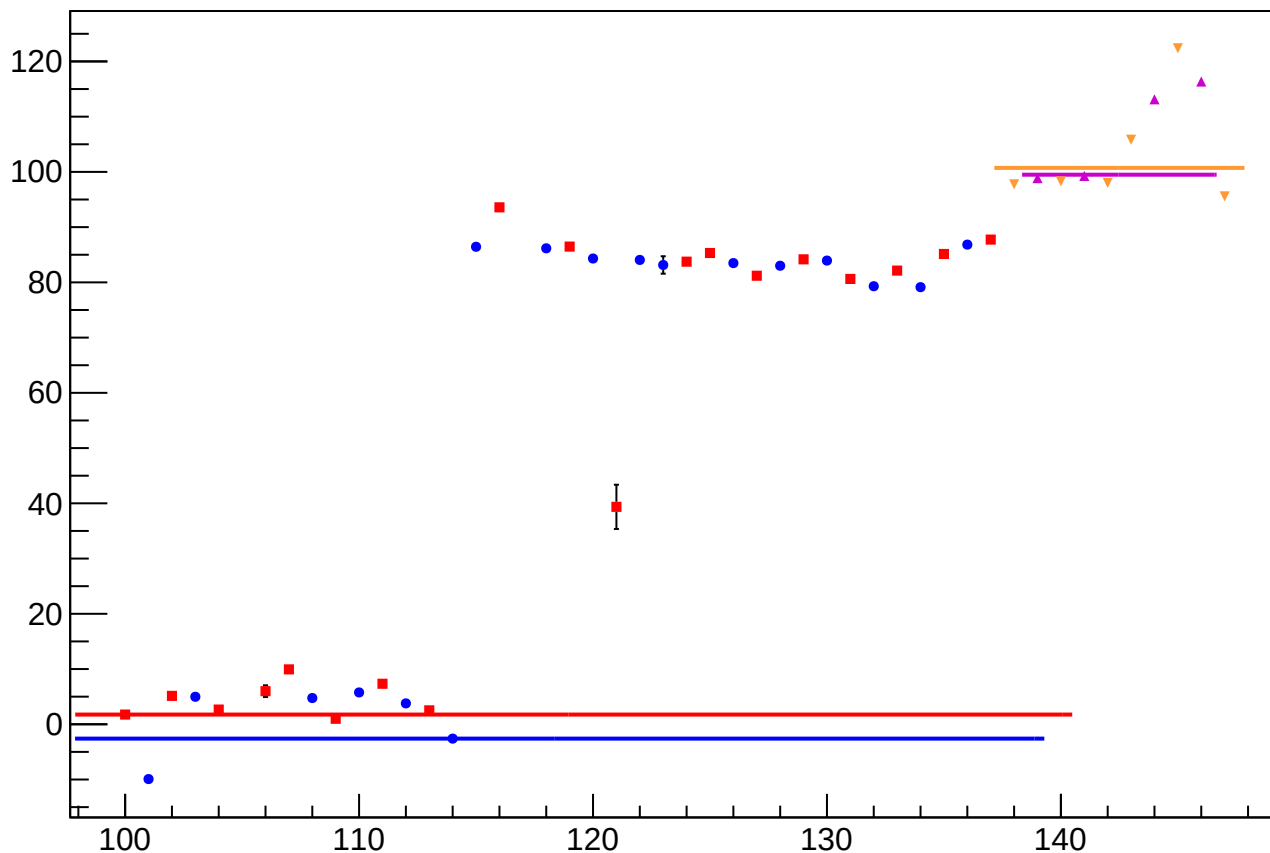
Left In: 18.615 $\pm$ 0.016 χ^2 /NDF: 7316.2/3

+ sign 20.250 $\pm$ 0.007 χ^2 /NDF: 302496.9/22

All: 20.961 $\pm$ 0.005 χ^2 /NDF: 561392.9/45

- sign 21.906 $\pm$ 0.008 χ^2 /NDF: 233291.9/22

dit_sam6_4eY_slope vs Slug



Right In: -2.596+/-0.000 χ^2/NDF : 7395182.7/16

Left Out: 100.725+/-0.027 χ^2/NDF : 55154.9/5

Right Out: 1.758+/-0.000 χ^2/NDF : 4230949.4/18

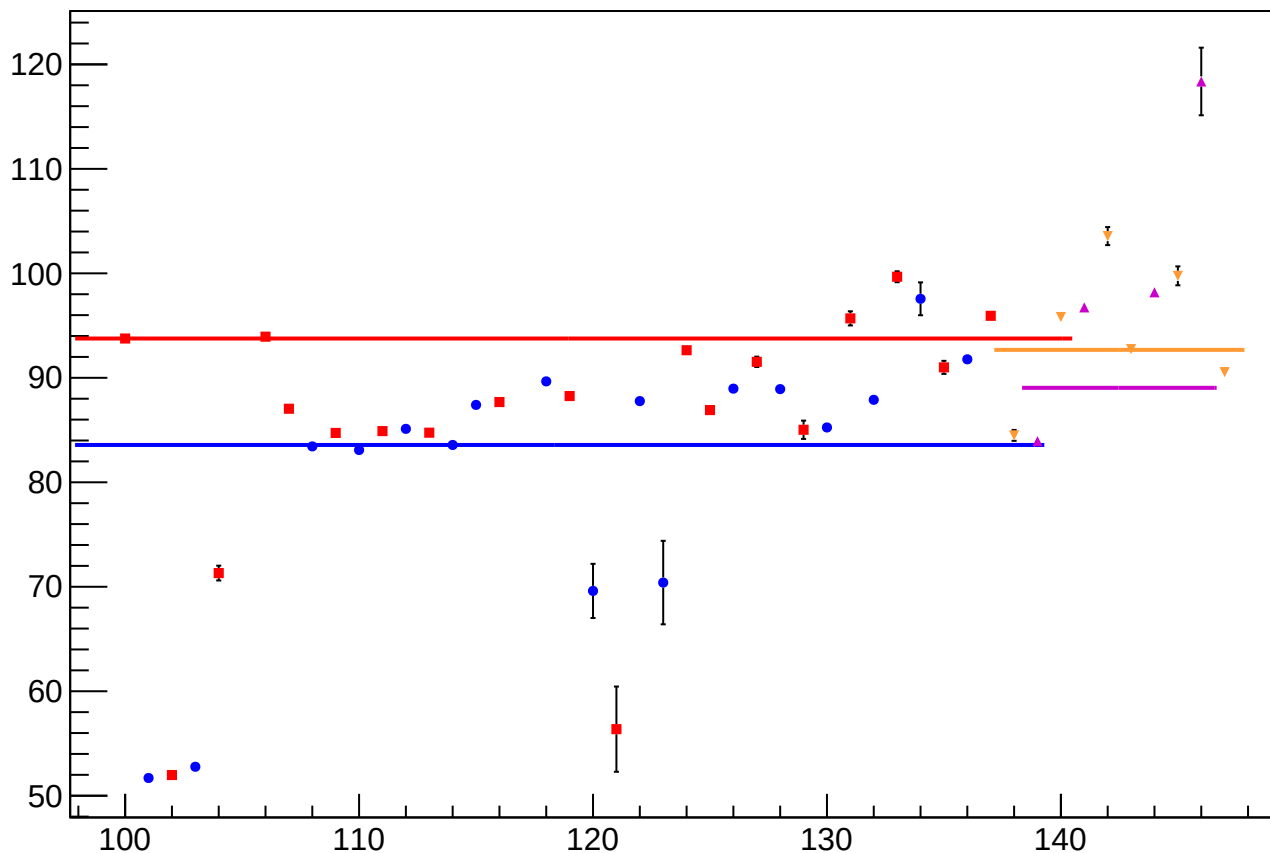
Left In: 99.492+/-0.031 χ^2/NDF : 4680.3/3

+ sign -2.596+/-0.000 χ^2/NDF : 21599839.0/22

All: -1.059+/-0.000 χ^2/NDF : 3731791751577

- sign 1.758+/-0.000 χ^2/NDF : 14387188.5/22

dit_sam7_4aX_slope vs Slug



Right In: 83.573+/-0.000 χ^2 /NDF: 49468.0/16

Left Out: 92.676+/-0.147 χ^2 /NDF:631.4/5

Right Out: 93.762+/-0.000 χ^2 /NDF: 82848.8/18

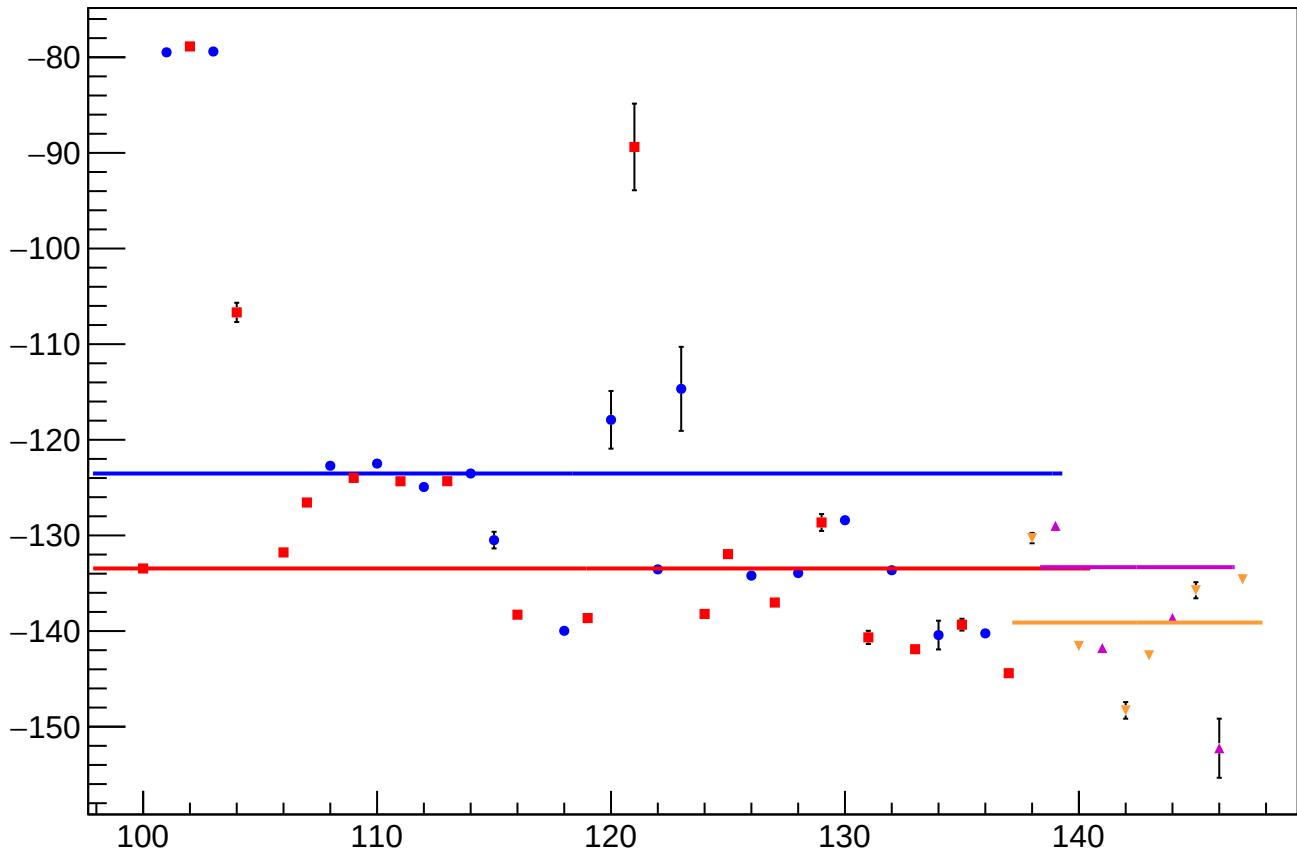
Left In: 89.042+/-0.145 χ^2 /NDF:2091.1/3

+ sign 83.573+/-0.000 χ^2 /NDF: 53944.6/22

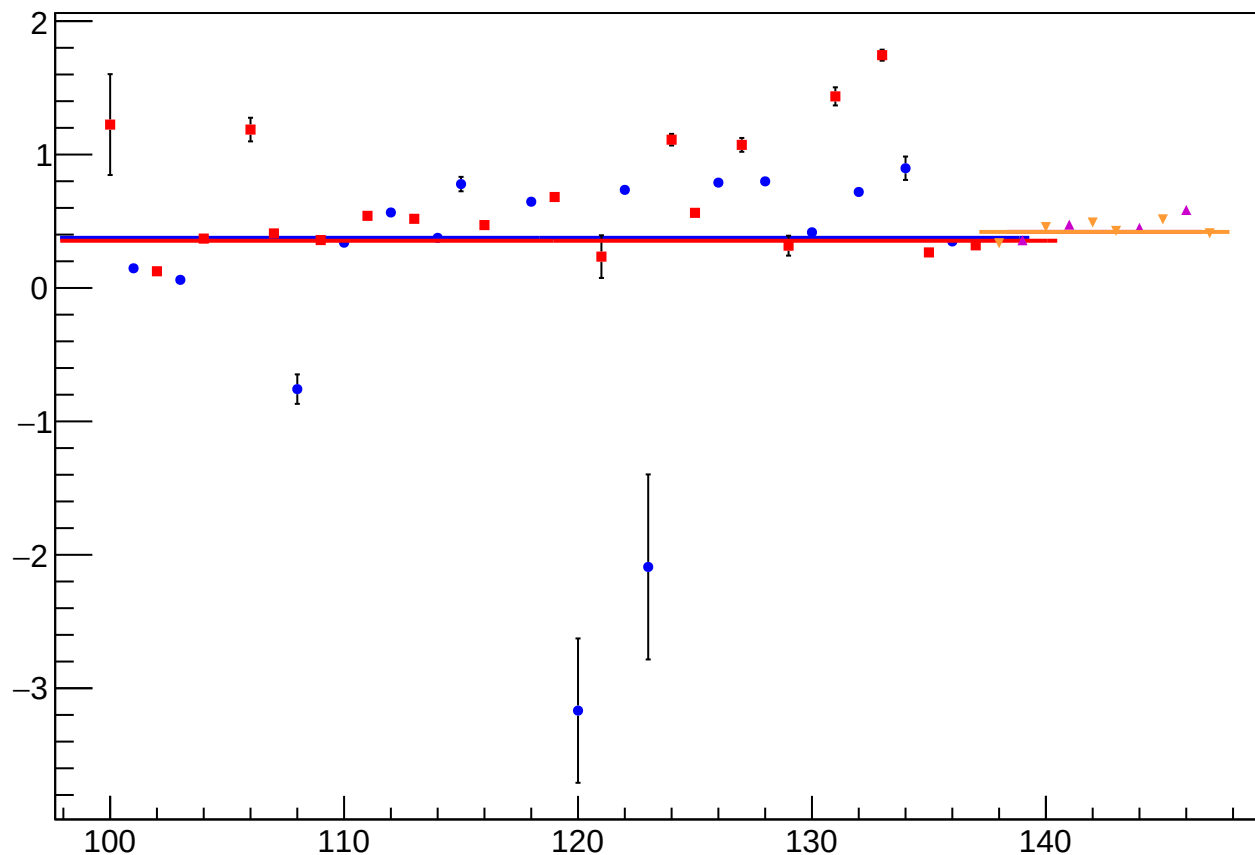
All: 87.169+/-0.000 χ^2 /NDF: 1995684404141

- sign 93.762+/-0.000 χ^2 /NDF: 85999.2/22

dit_sam7_4eX_slope vs Slug



dit_sam7_11X12X_slope vs Slug



Right In: 0.376 ± 0.000 χ^2/NDF : 3961.7/16

Left Out: 0.420 ± 0.001 χ^2/NDF : 759.9/5

Right Out: 0.354 ± 0.002 χ^2/NDF : 4592.7/18

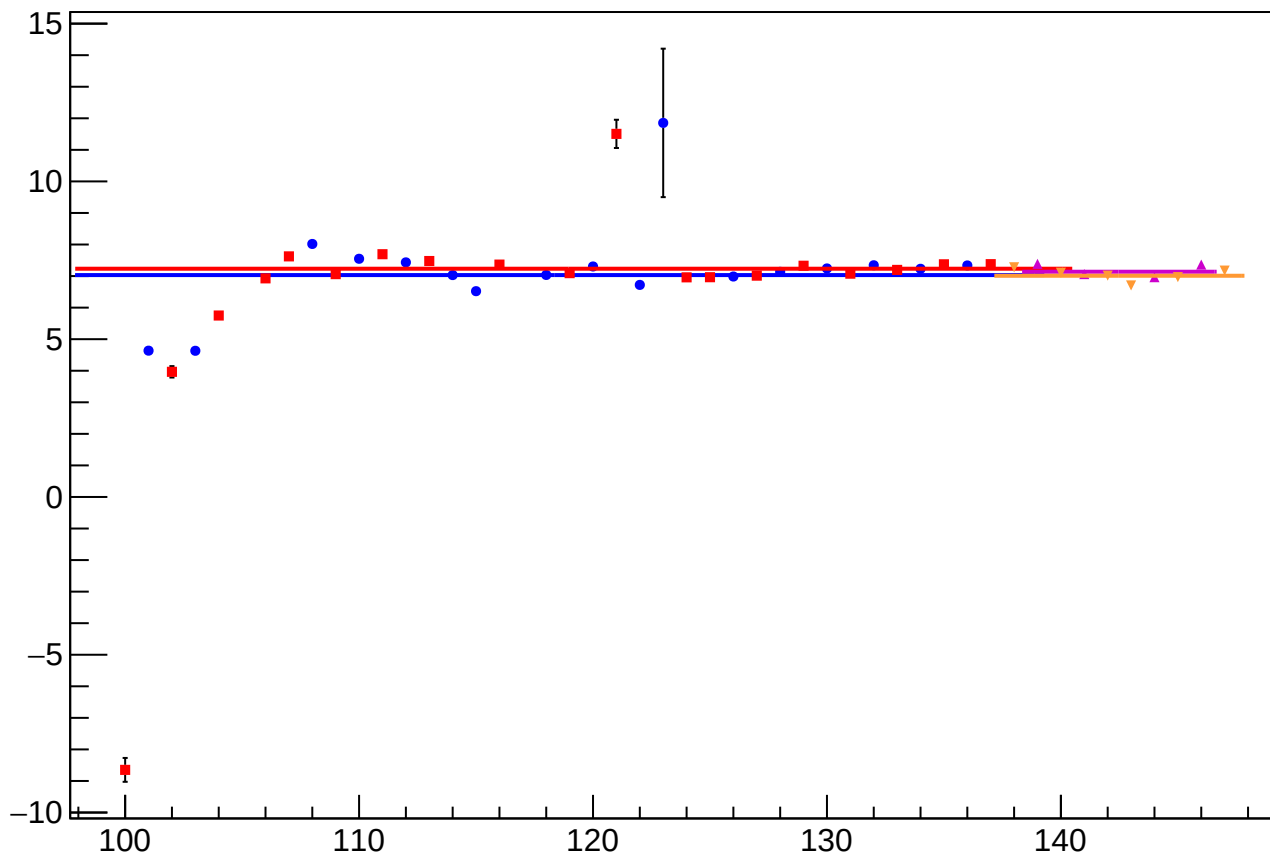
Left In: 0.420 ± 0.001 χ^2/NDF : 2649.6/3

+ sign 0.376 ± 0.000 χ^2/NDF : 6393.7/22

All: 0.376 ± 0.000 χ^2/NDF : 15532.8/45

- sign 0.398 ± 0.001 χ^2/NDF : 8515.4/22

dit_sam7_4aY_slope vs Slug



Right In: 7.032 ± 0.000 χ^2/NDF : 19770.1/16

Left Out: 7.010 ± 0.002 χ^2/NDF : 9711.1/5

Right Out: 7.233 ± 0.002 χ^2/NDF : 10061.8/18

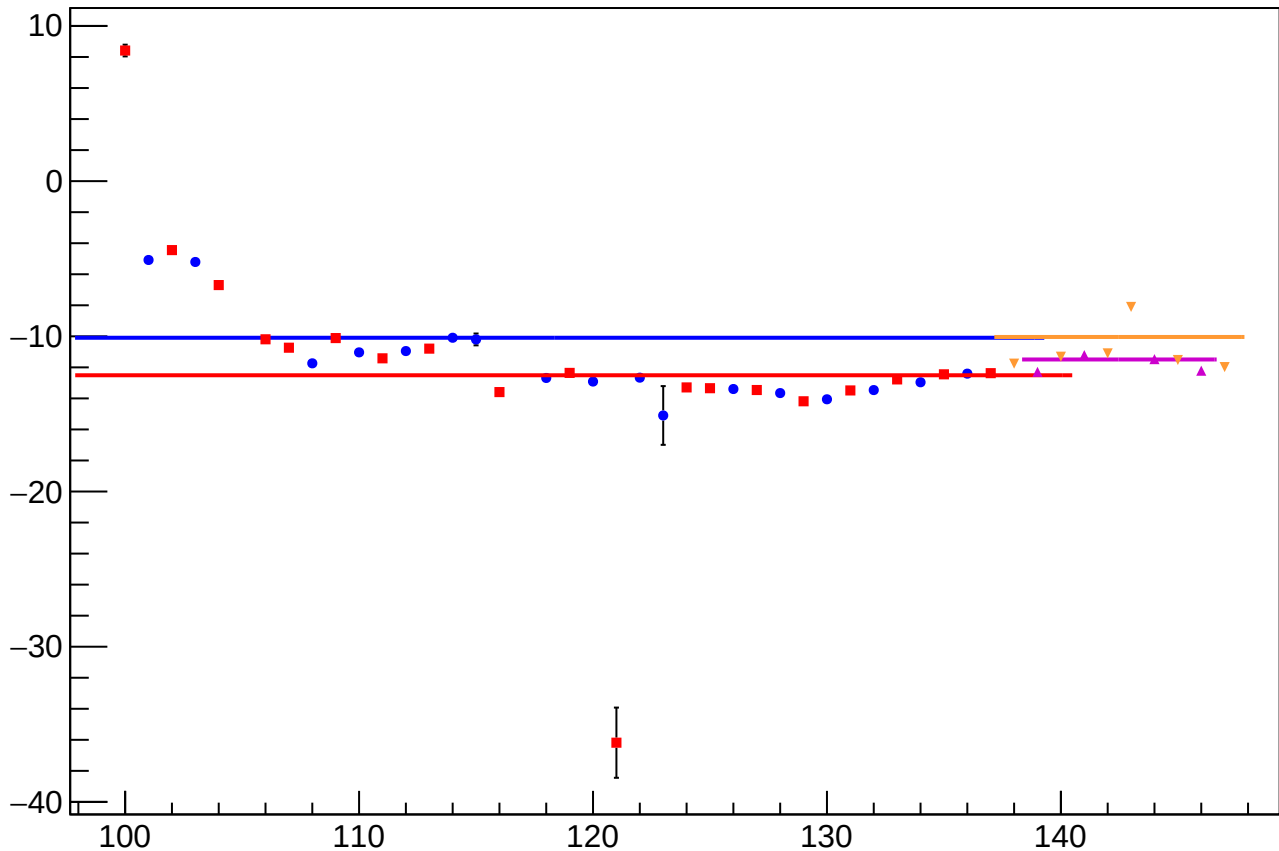
Left In: 7.138 ± 0.002 χ^2/NDF : 5843.0/3

+ sign 7.032 ± 0.000 χ^2/NDF : 29576.1/22

All: 7.032 ± 0.000 χ^2/NDF : 54567.3/45

- sign 7.186 ± 0.002 χ^2/NDF : 16699.1/22

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 χ^2/NDF : 543504.2/16

Left Out: -10.041 ± 0.004 χ^2/NDF : 200910.3/5

Right Out: -12.509 ± 0.004 χ^2/NDF : 103509.4/18

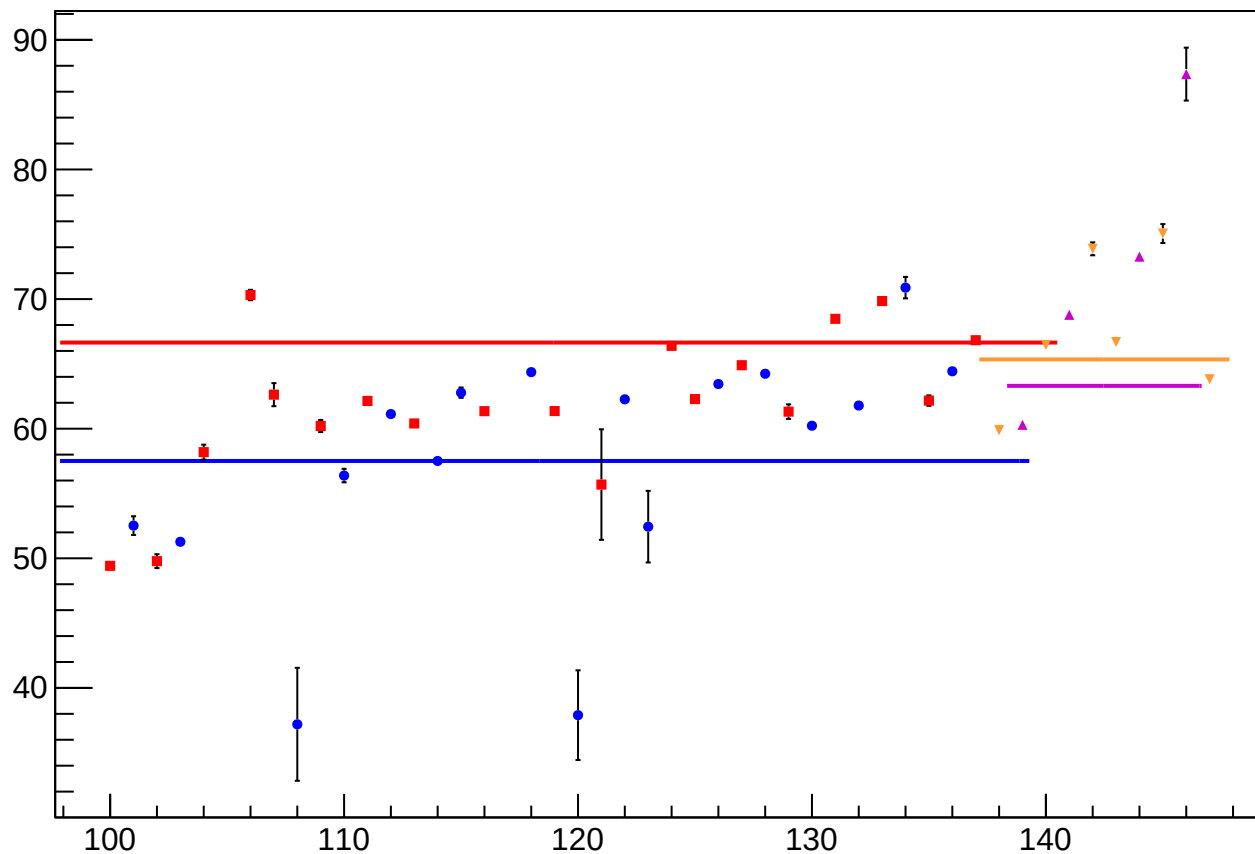
Left In: -11.492 ± 0.007 χ^2/NDF : 3236.7/3

+ sign -10.092 ± 0.000 χ^2/NDF : 744565.6/22

All: -10.092 ± 0.000 χ^2/NDF : 1304843.4/45

- sign -12.290 ± 0.003 χ^2/NDF : 122592.0/22

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 $\chi^2/NDF: 8108.6/16$

Left Out: 65.346 ± 0.097 $\chi^2/NDF: 993.9/5$

Right Out: 66.645 ± 0.013 $\chi^2/NDF: 8163.8/18$

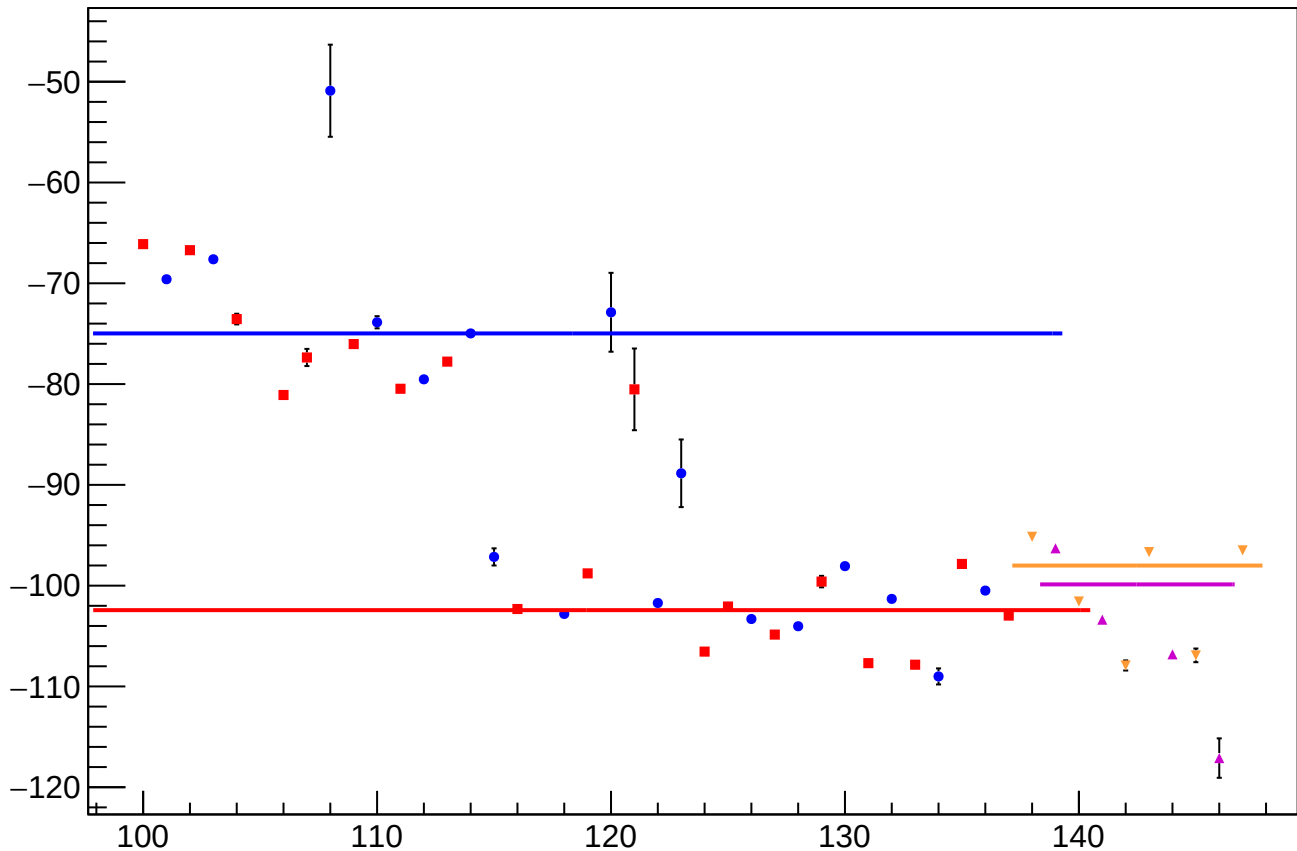
Left In: 63.305 ± 0.098 $\chi^2/NDF: 2324.1/3$

+ sign 57.510 ± 0.000 $\chi^2/NDF: 15571.9/22$

All: 57.510 ± 0.000 $\chi^2/NDF: 517705.2/45$

- sign 66.587 ± 0.013 $\chi^2/NDF: 11623.6/22$

dit_sam8_4eX_slope vs Slug



Right In: -74.974 $\pm$ 0.000 χ^2 /NDF: 130544.0/16

Left Out: -98.006 $\pm$ 0.098 χ^2 /NDF:1029.8/5

Right Out: -102.430 $\pm$ 0.018 χ^2 /NDF: 50377.5/18

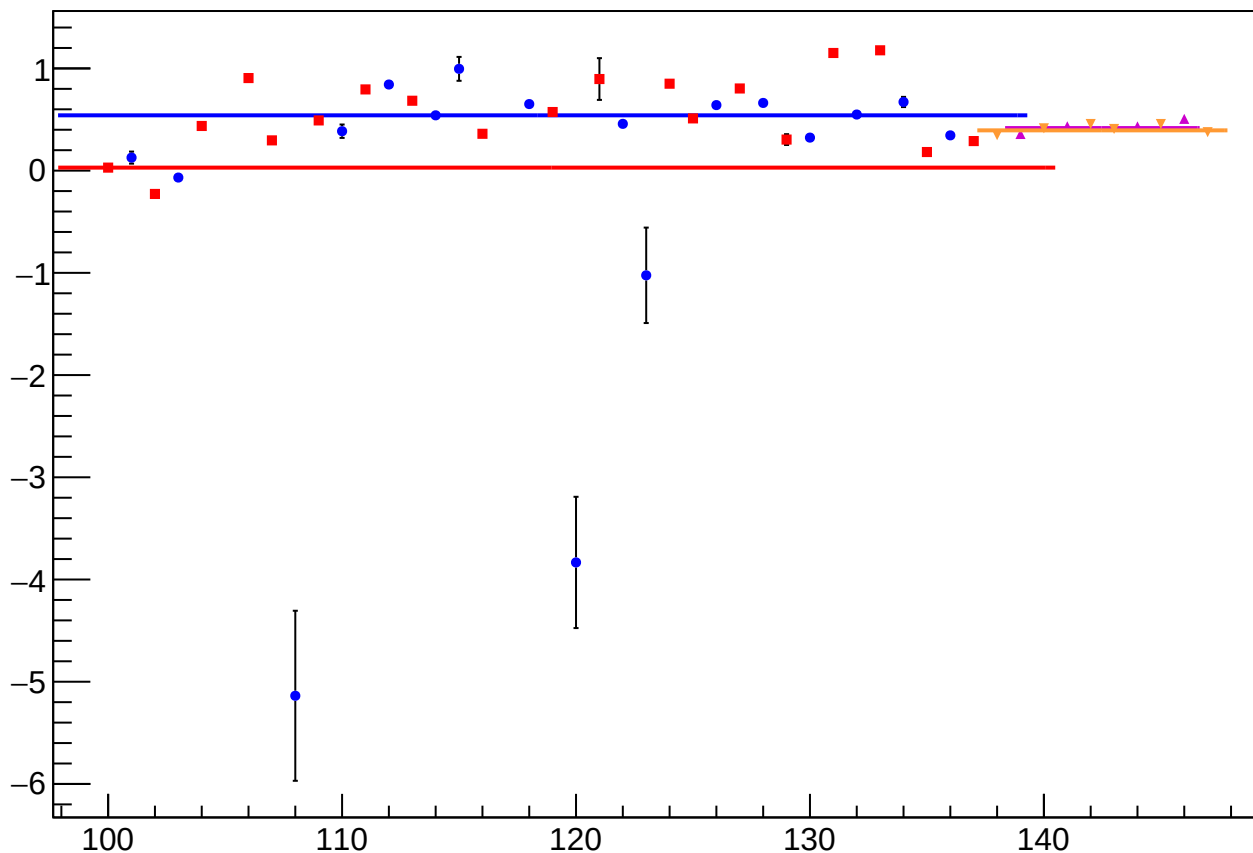
Left In: -99.875 $\pm$ 0.115 χ^2 /NDF:1331.4/3

+ sign -74.974 $\pm$ 0.000 χ^2 /NDF: 186278.2/22

All: -74.974 $\pm$ 0.000 χ^2 /NDF: 2660093.6/45

- sign -102.371 $\pm$ 0.018 χ^2 /NDF: 52187.1/22

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 ± 0.000 χ^2/NDF : 29180.5/16

Left Out: 0.394 ± 0.001 χ^2/NDF : 699.8/5

Right Out: 0.030 ± 0.000 χ^2/NDF : 121659.5/18

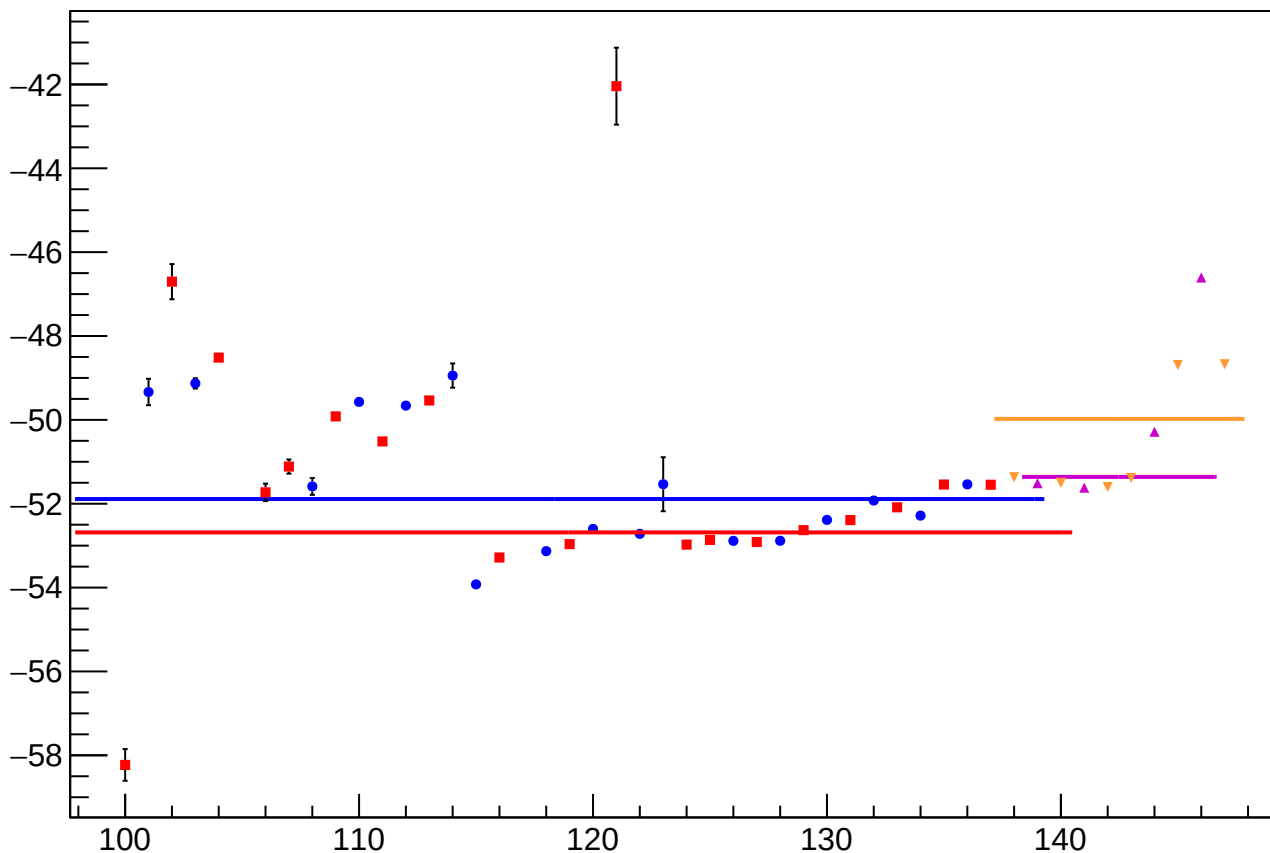
Left In: 0.416 ± 0.001 χ^2/NDF : 1069.7/3

+ sign 0.541 ± 0.000 χ^2/NDF : 54465.4/22

All: 0.030 ± 0.000 χ^2/NDF : 23314297700963

- sign 0.030 ± 0.000 χ^2/NDF : 277646.8/22

dit_sam8_4aY_slope vs Slug



Right In: -51.888 ± 0.002 $\chi^2/\text{NDF}: 77585.2/16$

Left Out: -49.977 ± 0.003 $\chi^2/\text{NDF}: 208806.7/5$

Right Out: -52.684 ± 0.003 $\chi^2/\text{NDF}: 56125.8/18$

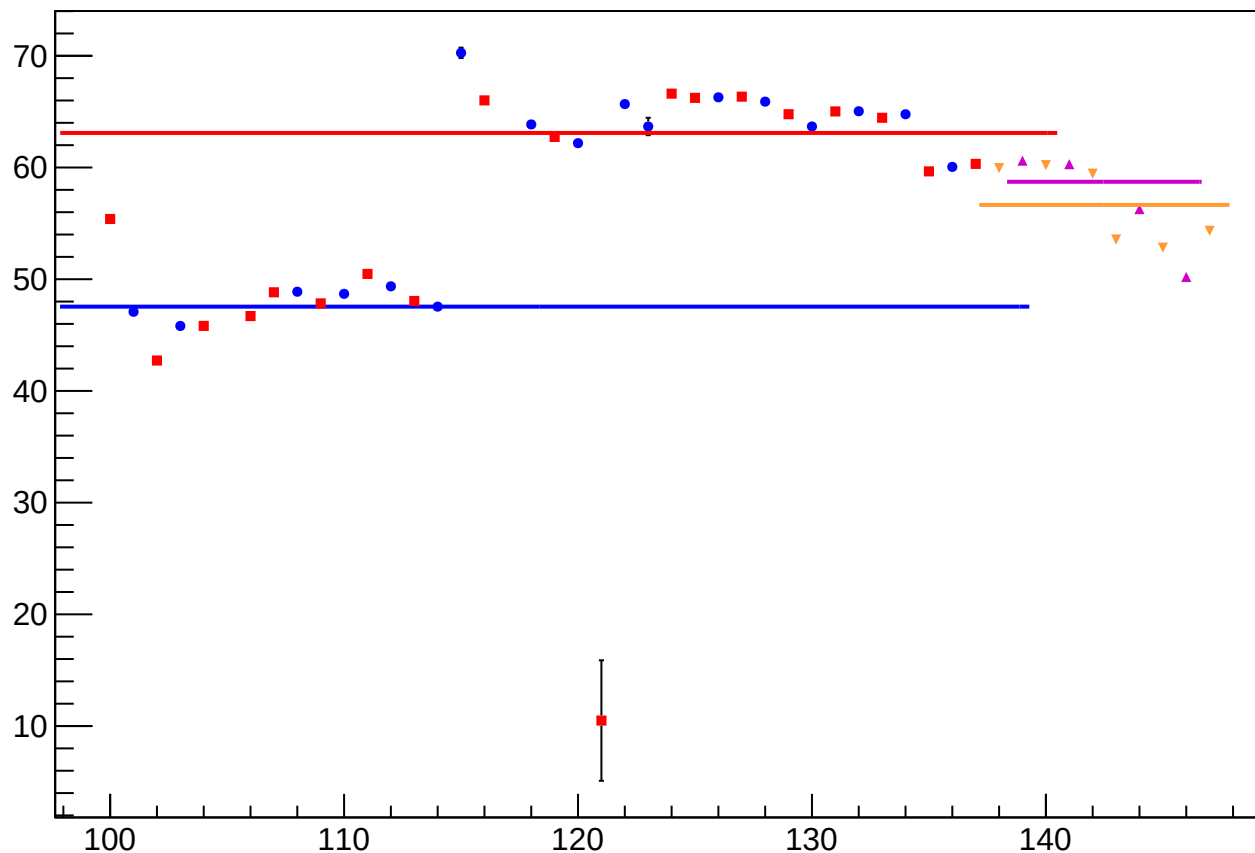
Left In: -51.360 ± 0.004 $\chi^2/\text{NDF}: 67740.5/3$

+ sign -51.211 ± 0.002 $\chi^2/\text{NDF}: 547014.9/22$

All: -51.651 ± 0.001 $\chi^2/\text{NDF}: 900035.9/45$

- sign -52.269 ± 0.002 $\chi^2/\text{NDF}: 207747.5/22$

dit_sam8_4eY_slope vs Slug



Right In: 47.545 $\pm$ 0.000 χ^2 /NDF: 3491700.1/16

Left Out: 56.653 $\pm$ 0.008 χ^2 /NDF: 171061.7/5

Right Out: 63.095 $\pm$ 0.007 χ^2 /NDF: 333637.2/18

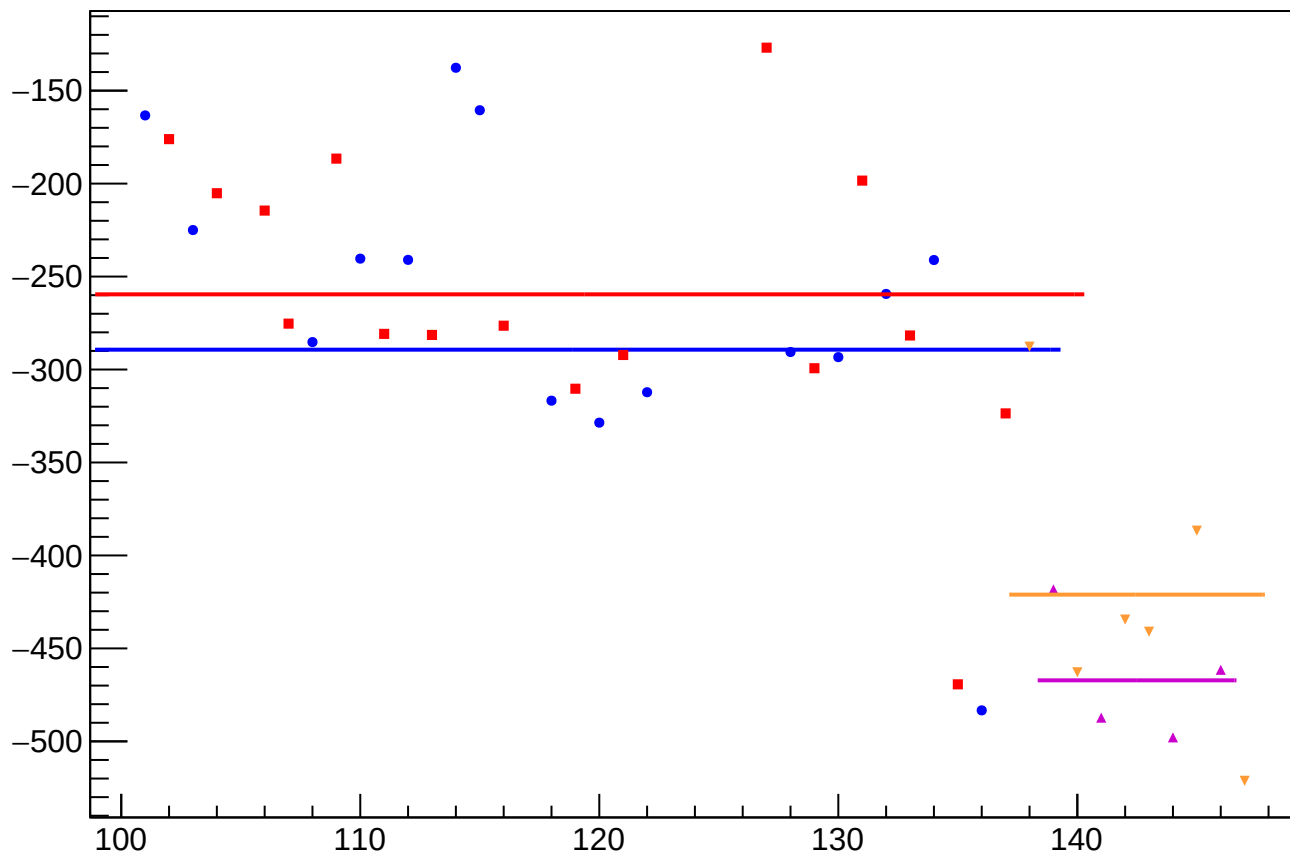
Left In: 58.723 $\pm$ 0.020 χ^2 /NDF: 27556.0/3

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 5104878.0/22

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 10099807.3/45

- sign 62.572 $\pm$ 0.007 χ^2 /NDF: 402138.7/22

dit_4aX_coil1_mean vs Slug



Right In: -289.322+/-0.000 χ^2/NDF : 5369681640484891478649585392183934976.0/14

Left Out: -421.077+/-0.000 χ^2/NDF : 2443216224116689862112174900292616192.0/5

Right Out: -259.558+/-0.000 χ^2/NDF : 4299886792692123970784563983770714112.0/15

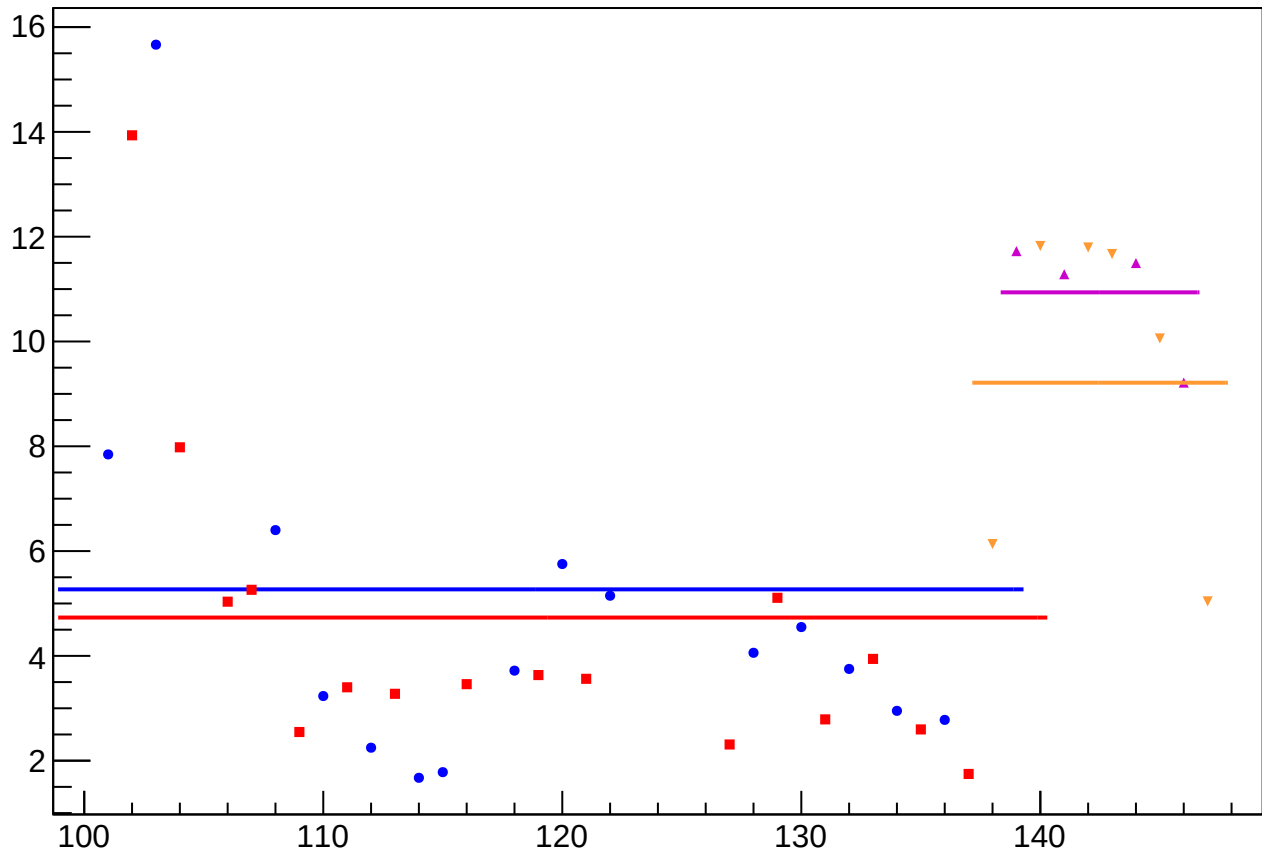
Left In: -467.179+/-0.000 χ^2/NDF : 314559826386023592589677083234402304.0/3

+ sign -341.976+/-0.000 χ^2/NDF : 12315241694357

All: -335.909+/-0.000 χ^2/NDF : 26682136948

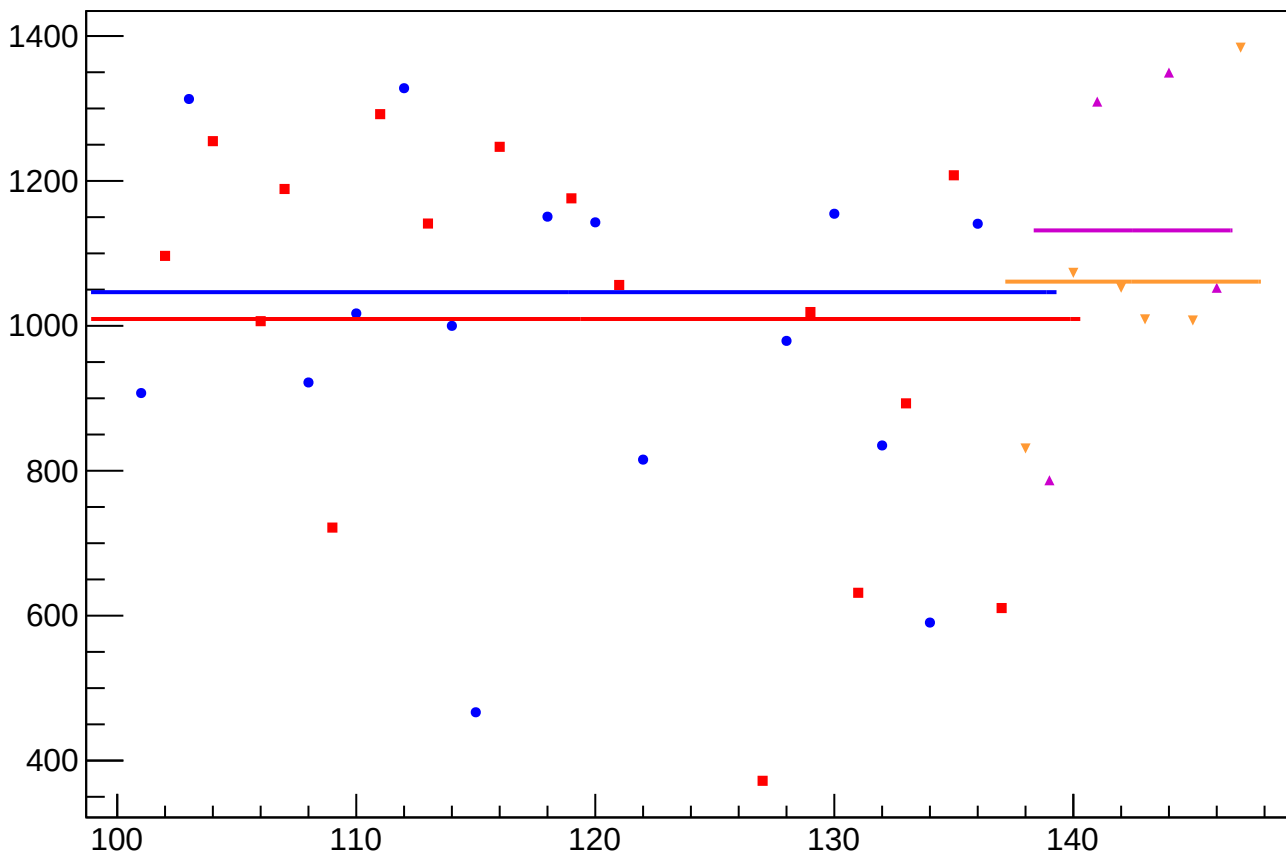
- sign -329.385+/-0.000 χ^2/NDF : 142843300489376

dit_4aX_coil1_err_mean vs Slug



Right In: 5.270+/-0.000	χ^2/NDF : 8709683292123798330550906790084608.0/14	+ sign 6.846+/-0.000	χ^2/NDF : 16168289759270149
Left Out: 9.213+/-0.000	χ^2/NDF : 3424658521299150725136027106672640.0/5	All: 6.833+/-0.000	χ^2/NDF : 3200027153156
Right Out: 4.732+/-0.000	χ^2/NDF : 6856893072575211562802281426452480.0/15	- sign 6.819+/-0.000	χ^2/NDF : 15831606817590319
Left In: 10.938+/-0.000	χ^2/NDF : 334298387414422326603452612870144.0/3		

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

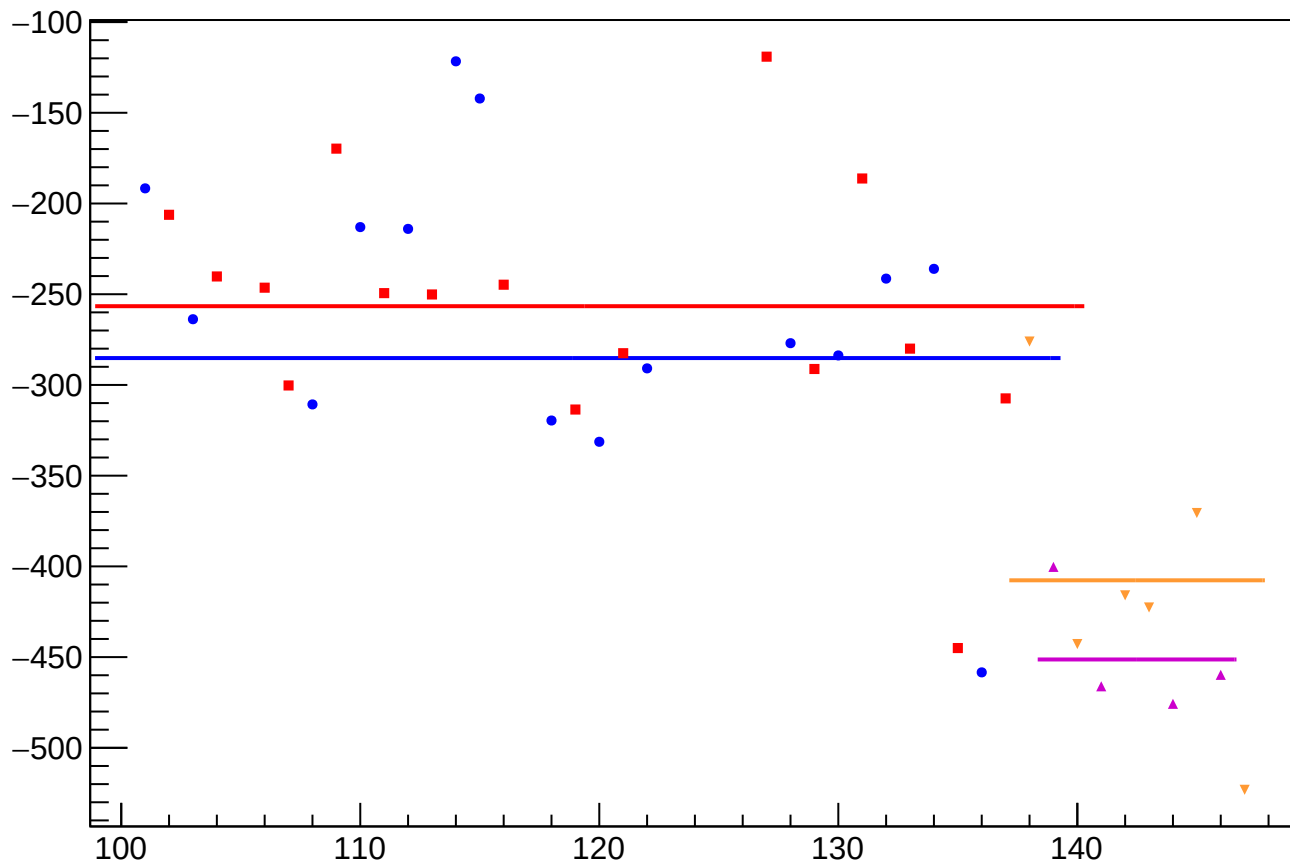
Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

All: 1051.466+/-0.000 χ^2/NDF : 10263965063

dit_4eX_coil1_mean vs Slug



Right In: -285.187+/-0.000 χ^2/NDF : 4479585262853549838092521921291747328.0/14

Left Out: -407.674+/-0.000 χ^2/NDF : 2621409226401338547801860915792445440.0/5

Right Out: -256.599+/-0.000 χ^2/NDF : 3648271535971039165952602563191767040.0/15

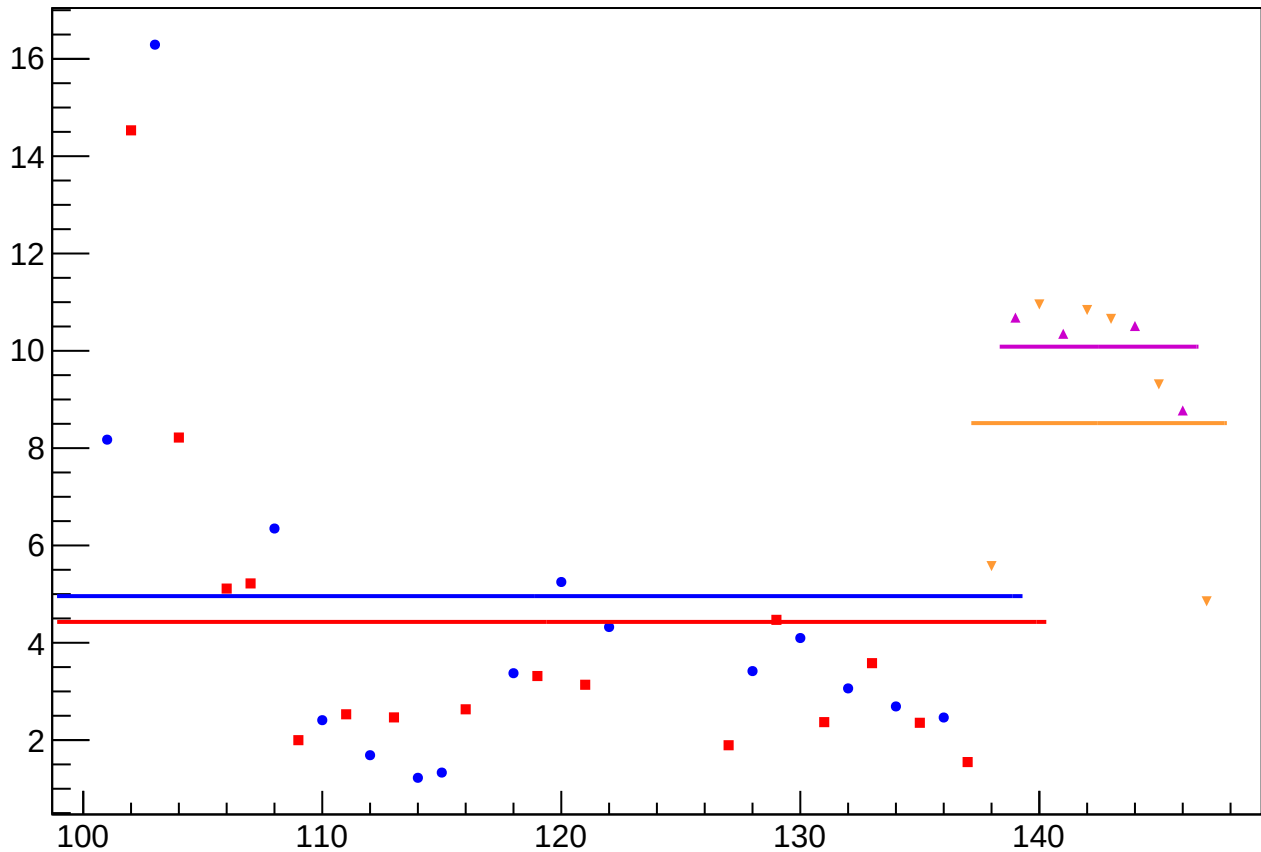
Left In: -451.303+/-0.000 χ^2/NDF : 288606625751146349404185605219287040.0/3

+ sign -334.136+/-0.000 χ^2/NDF : 10992220525769

All: -328.329+/-0.000 χ^2/NDF : 23508786252

- sign -322.081+/-0.000 χ^2/NDF : 124408814222789

dit_4eX_coil1_err_mean vs Slug



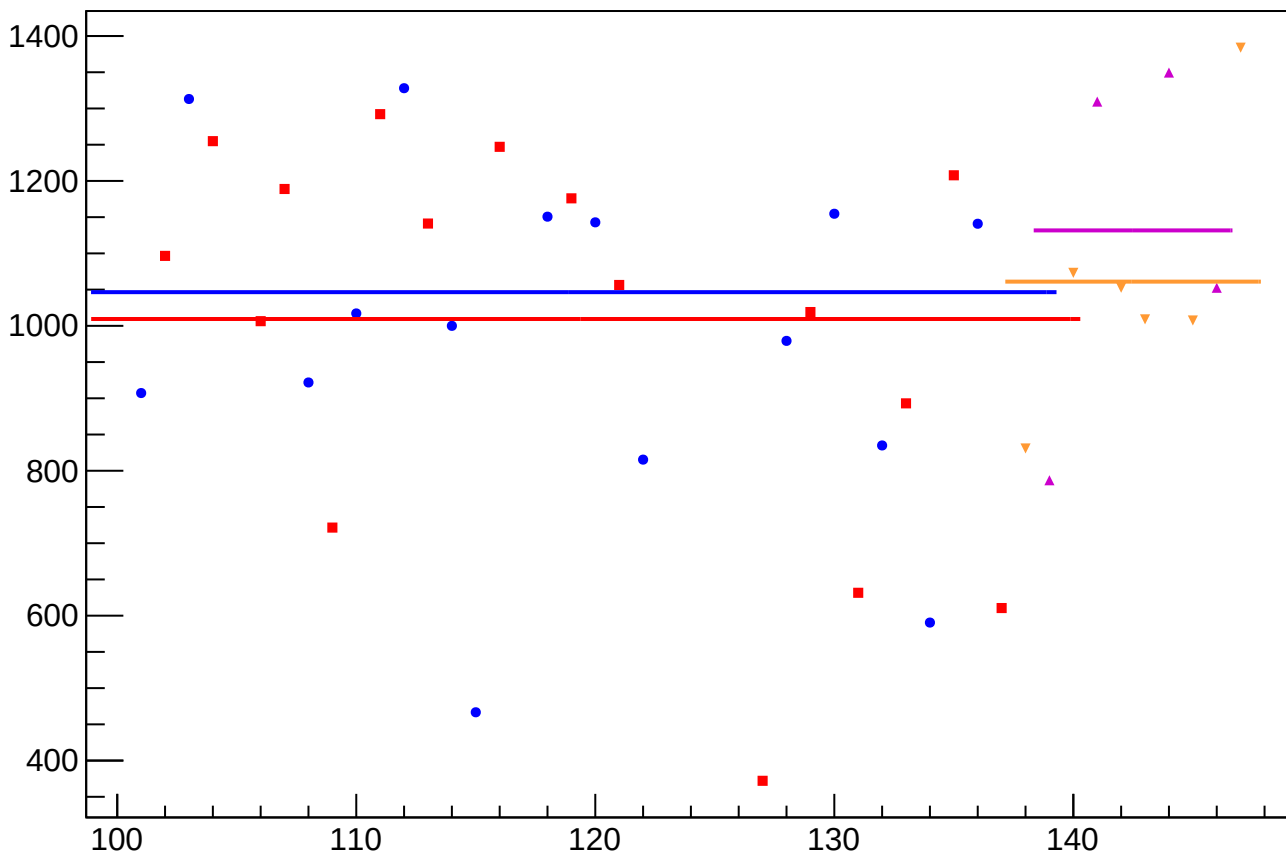
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

Left Out: 8.514+/-0.000 χ^2/NDF : 2814981473460372769836284925444096.0/5

Right Out: 4.429+/-0.000 χ^2/NDF : 8371440400334524571131796772618240.0/15

Left In: 10.085+/-0.000 χ^2/NDF : 193574730158900479963766036889600.0/3

dit_4eX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

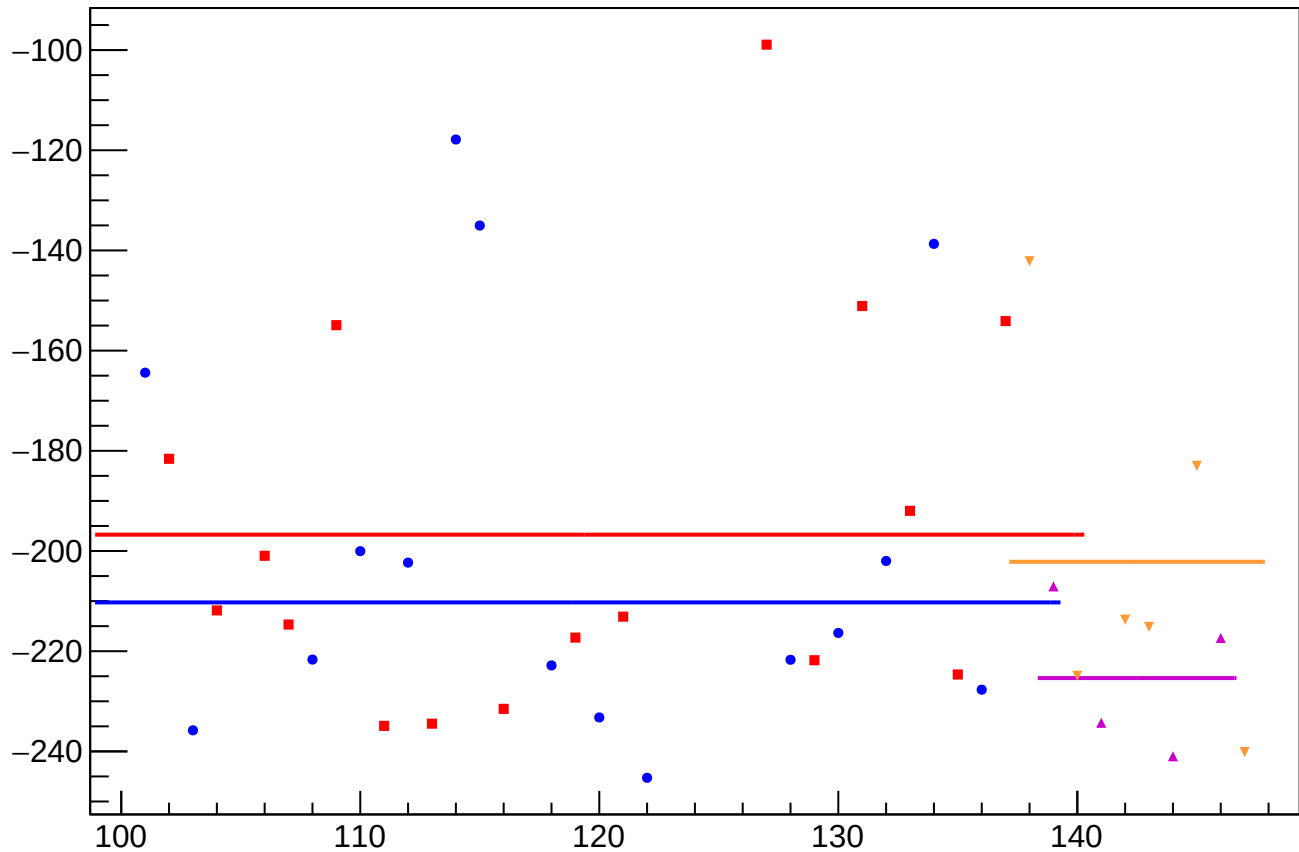
Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

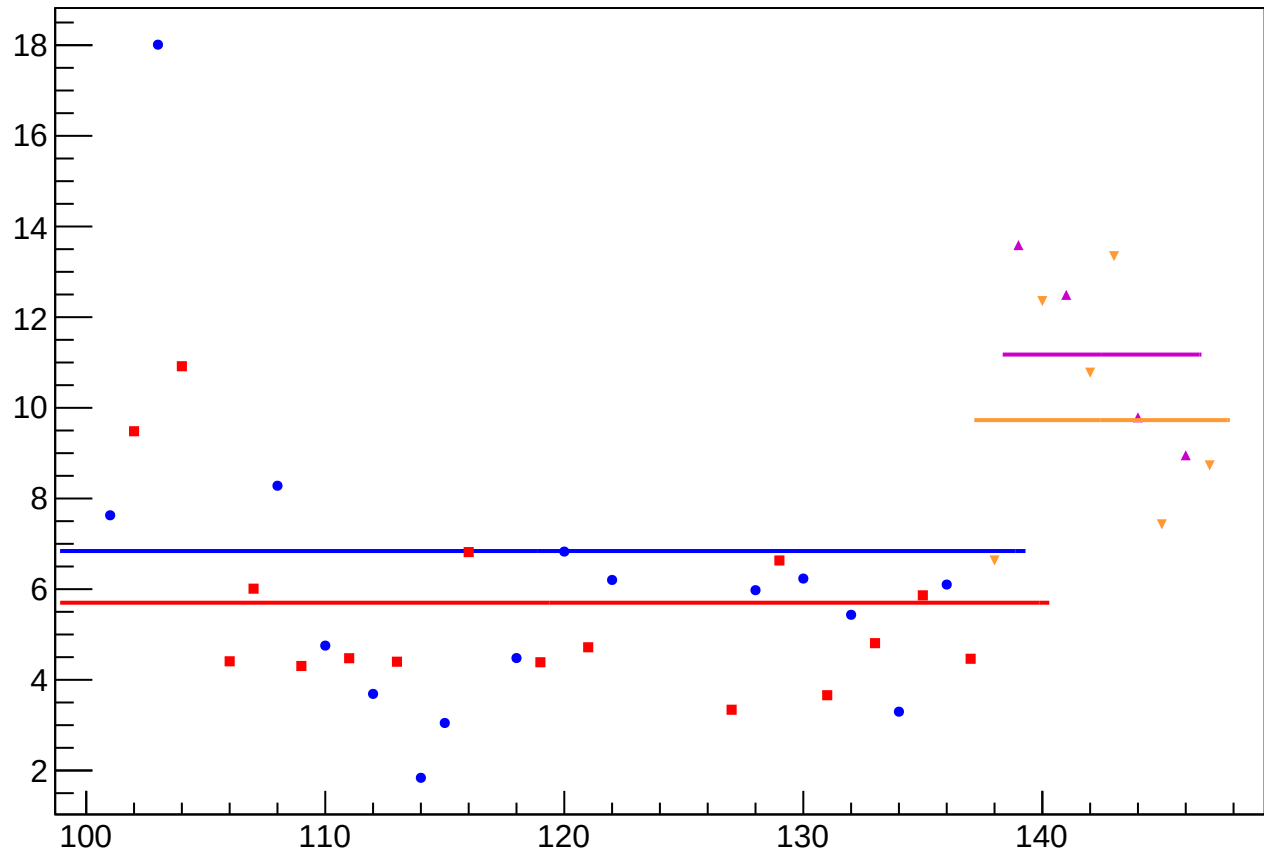
All: 1051.466+/-0.000 χ^2/NDF : 10263965063

dit_11X12X_coil1_mean vs Slug



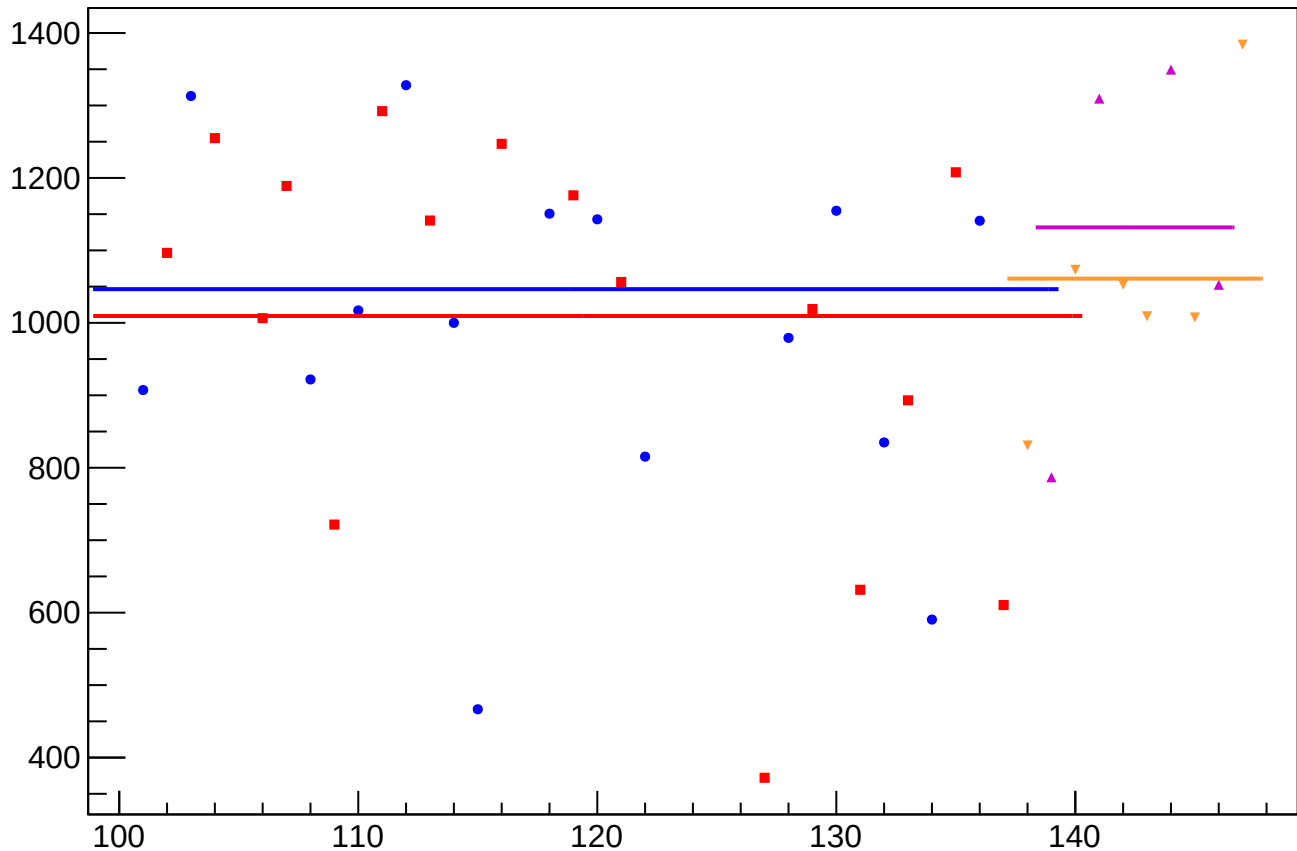
Right In: -210.261 ± 0.000 χ^2/NDF : 567711076568068409192467700494893056.0/14
 Left Out: -202.150 ± 0.000 χ^2/NDF : 482844235838505387688400041688432640.0/5
 Right Out: -196.736 ± 0.000 χ^2/NDF : 909588895093044840633640514790359040.0/15
 Left In: -225.364 ± 0.000 χ^2/NDF : 60911932667602584922616750084718592.0/3

dit_11X12X_coil1_err_mean vs Slug



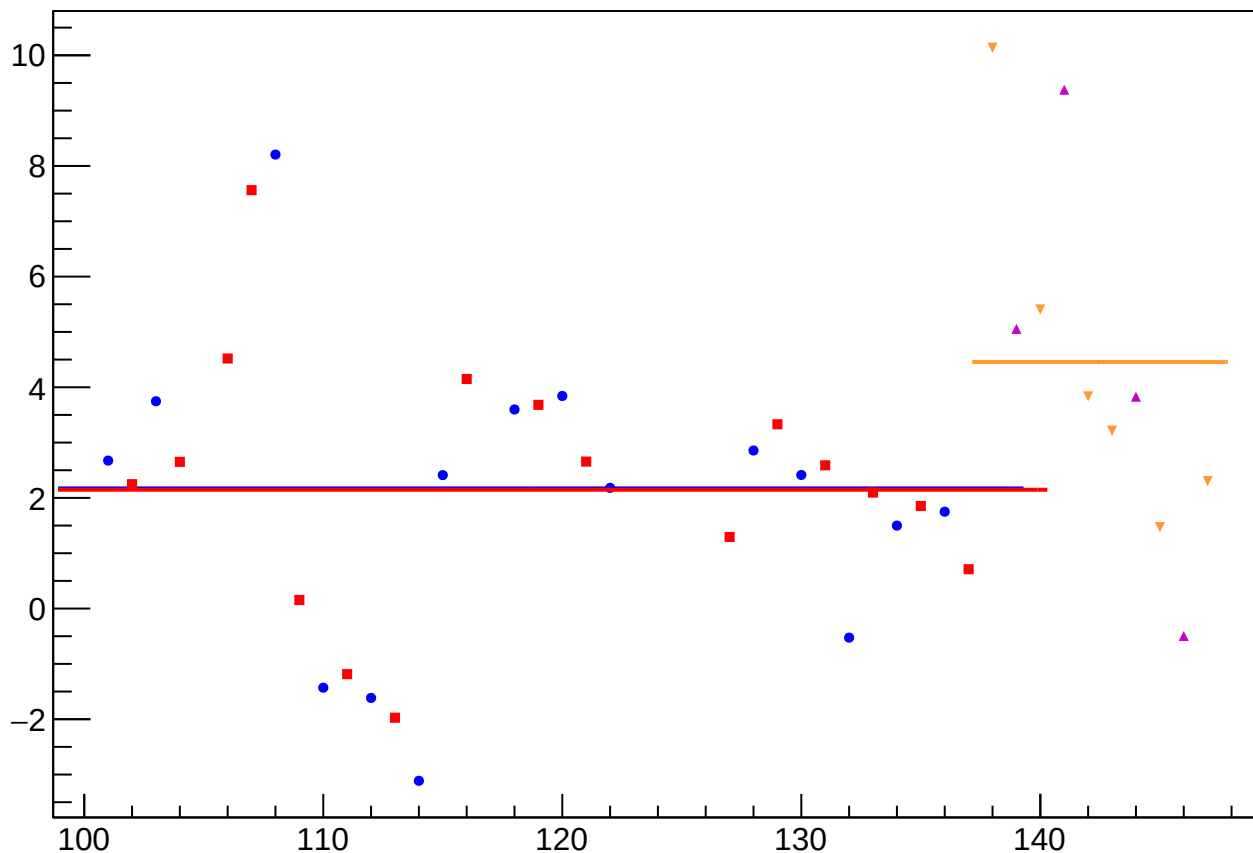
Right In: 6.842+/-0.000	χ^2/NDF : 9355934166823324467316647620771840.0/14	+ sign 7.996+/-0.000	χ^2/NDF : 14263868832750898
Left Out: 9.729+/-0.000	χ^2/NDF : 2745052439335168564963731985924096.0/5	All: 7.777+/-0.000	χ^2/NDF : 25467746436170
Right Out: 5.701+/-0.000	χ^2/NDF : 3174693398300953393137731791486976.0/15	- sign 7.542+/-0.000	χ^2/NDF : 11096828305544676
Left In: 11.175+/-0.000	χ^2/NDF : 1199818568767137776826994483265536.0/3		

dit_11X12X_coil1_Ndata_mean vs Slug



Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028 +/- 0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: 1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1131.722 +/- 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_4aY_coil1_mean vs Slug



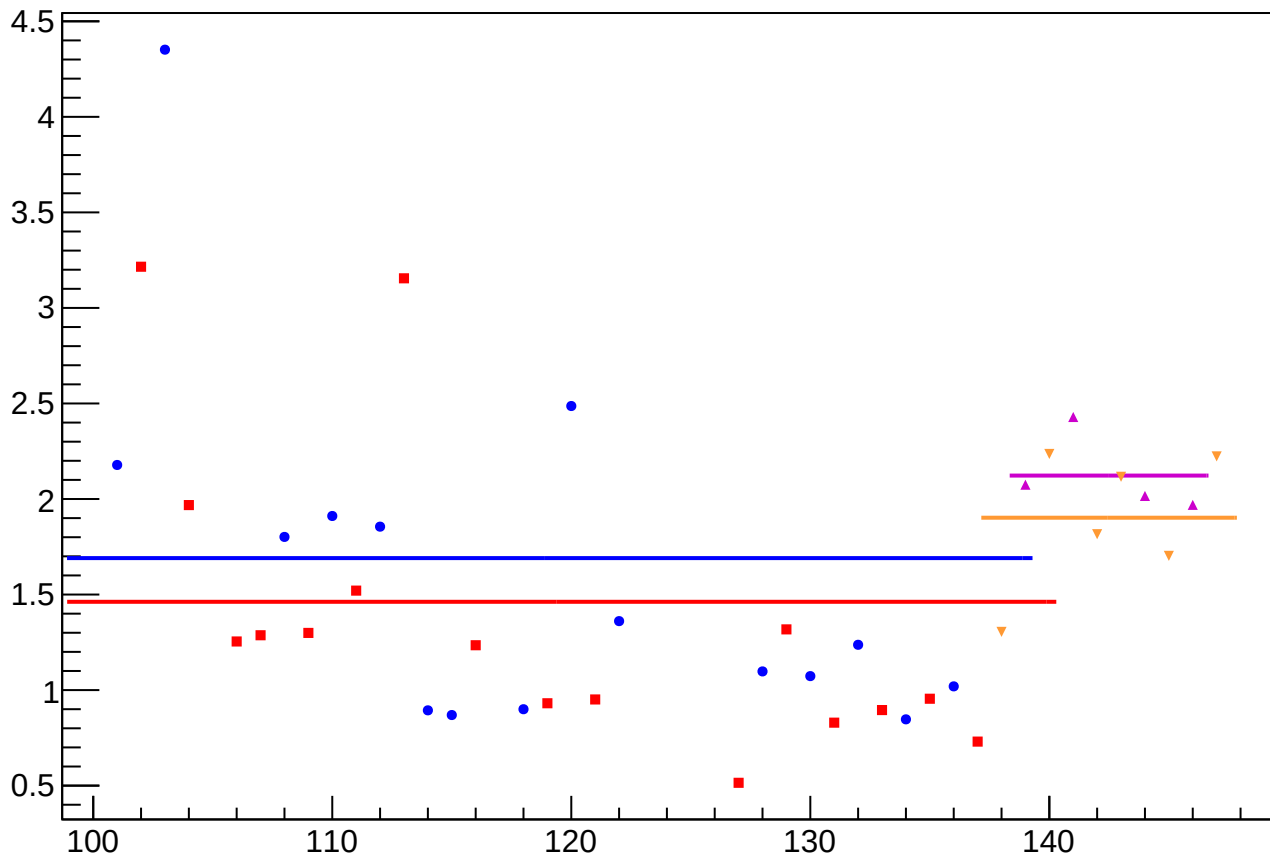
Right In: 2.171 $\pm$ 0.000 χ^2 /NDF: 3599819246909975678410499691642880.0/14

Left Out: 4.455 $\pm$ 0.000 χ^2 /NDF: 3796124766410855422877739507515392.0/5

Right Out: 2.148 $\pm$ 0.000 χ^2 /NDF: 3093887336239378959606321931878400.0/15

Left In: 4.456 $\pm$ 0.000 χ^2 /NDF: 4158184965481864725350714022297600.0/3

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691+/-0.000 χ^2/NDF : 612163393317609859674079412355072.0/14

Left Out: 1.902+/-0.000 χ^2/NDF : 51654681588789396211682382970880.0/5

Right Out: 1.462+/-0.000 χ^2/NDF : 444384511662519040022371754835968.0/15

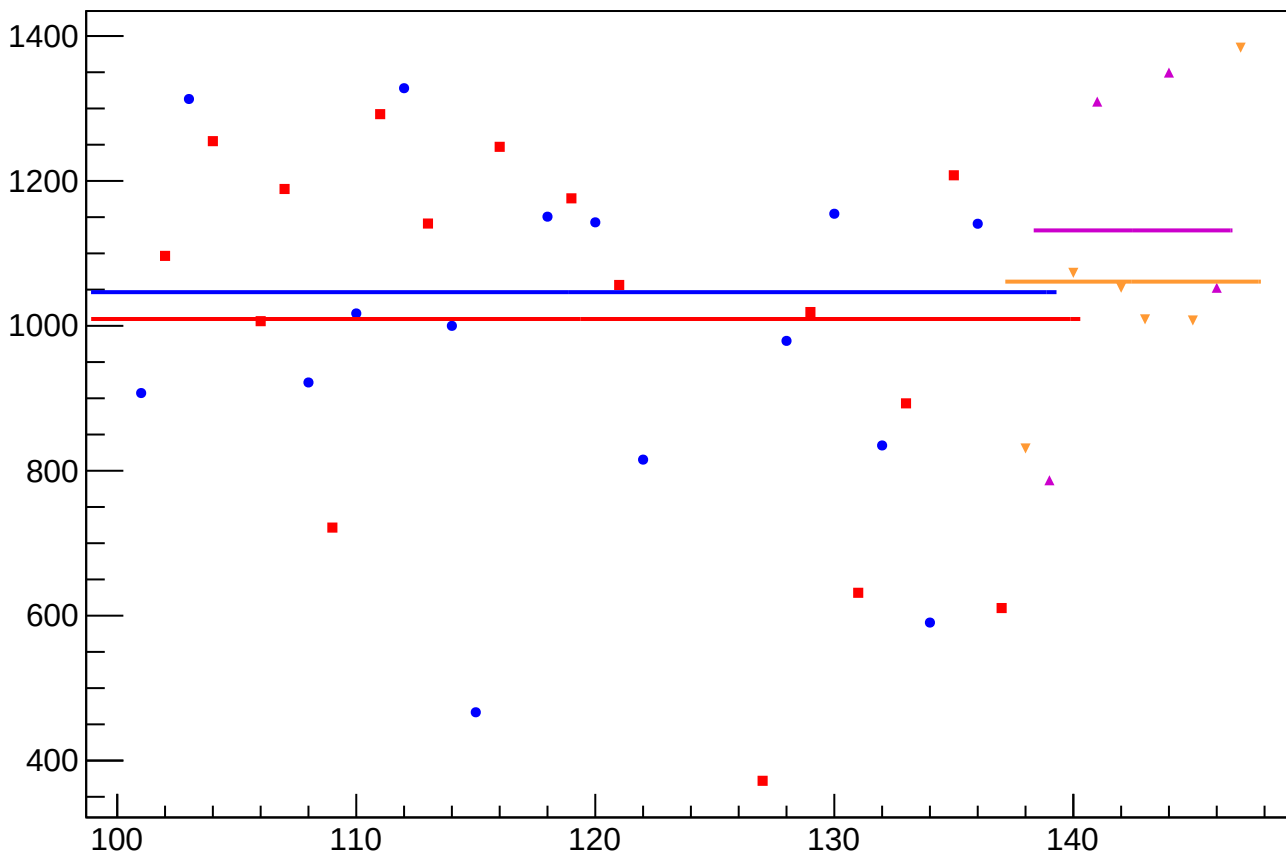
Left In: 2.123+/-0.000 χ^2/NDF : 11133515911419796145450271113216.0/3

+ sign 1.775+/-0.000 χ^2/NDF : 67540688279603872

All: 1.731+/-0.000 χ^2/NDF : 12331092433207

- sign 1.684+/-0.000 χ^2/NDF : 55339075224858596

dit_4aY_coil1_Ndata_mean vs Slug



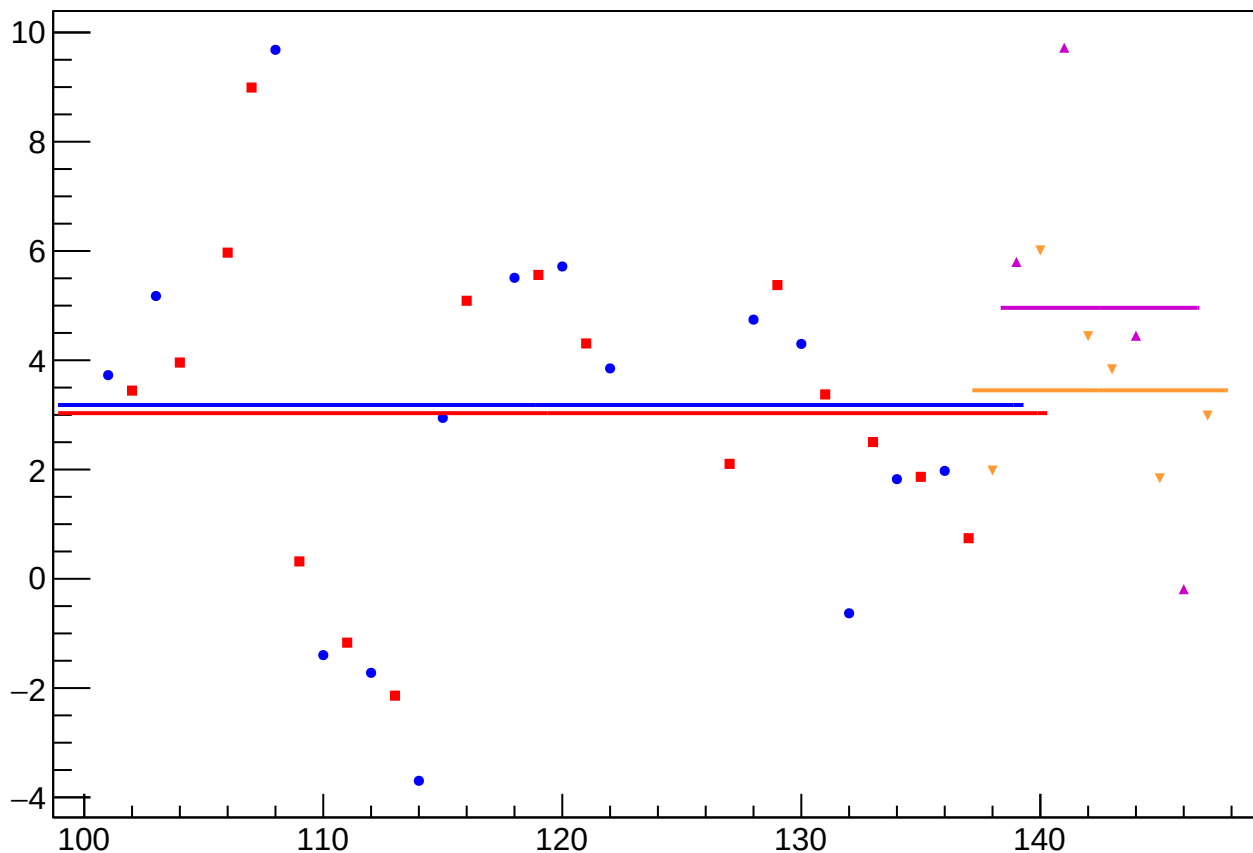
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

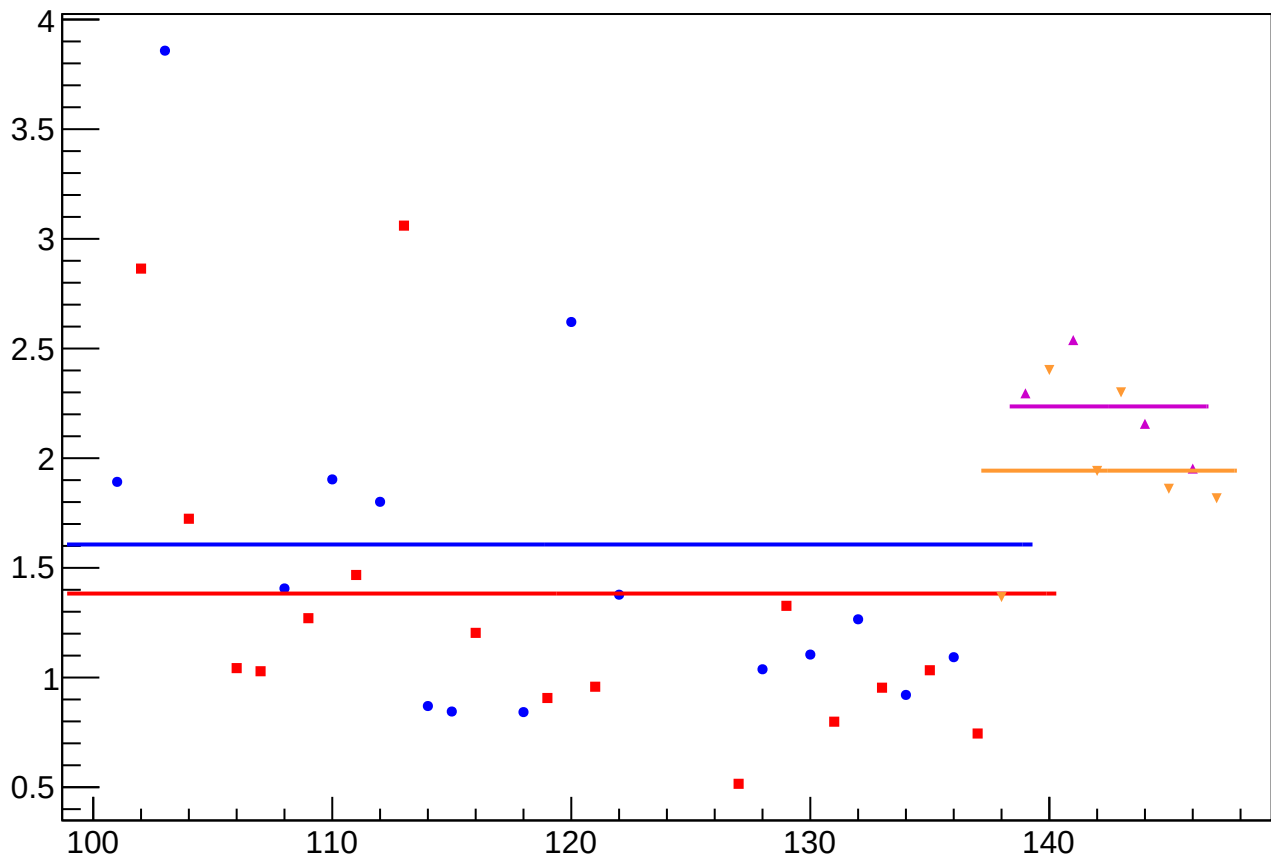
dit_4eY_coil1_mean vs Slug



Right In: 3.181+/-0.000	χ^2/NDF : 5833303227868252617704566394191872.0/14
Left Out: 3.450+/-0.000	χ^2/NDF : 9875305461827932872933333531525120.0/5
Right Out: 3.032+/-0.000	χ^2/NDF : 4937209831371793945496546833334272.0/15
Left In: 4.960+/-0.000	χ^2/NDF : 4208675130544382166967109900304384.0/3

+ sign 3.289+/-0.000 χ^2/NDF : 68395520858520664
 All: 3.477+/-0.000 χ^2/NDF : 16899044469473
 - sign 3.680+/-0.000 χ^2/NDF : 99796207795746602

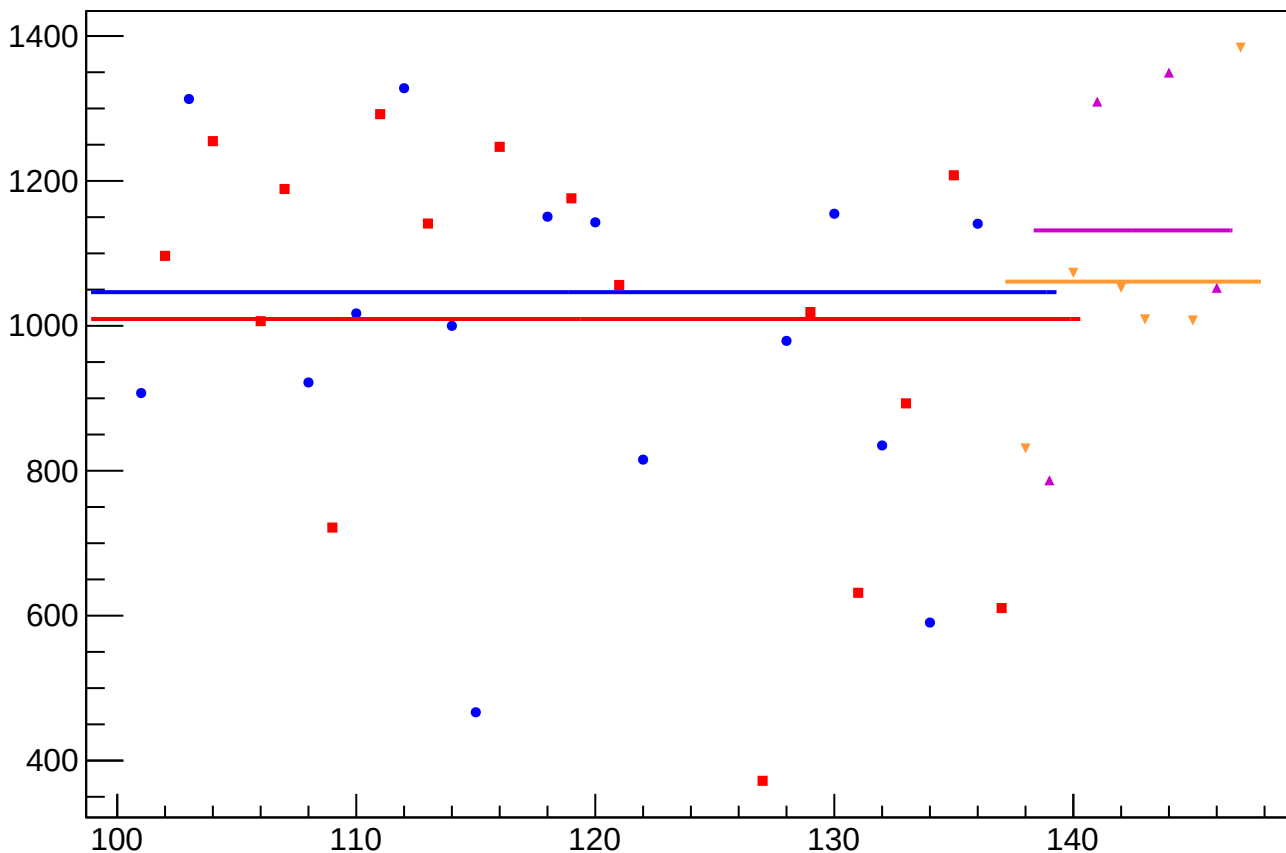
dit_4eY_coil1_err_mean vs Slug



Right In: 1.607 $\pm$ 0.000	χ^2/NDF : 460949628640148184181205735833600.0/14
Left Out: 1.943 $\pm$ 0.000	χ^2/NDF : 53510894691210406927995418705920.0/5
Right Out: 1.383 $\pm$ 0.000	χ^2/NDF : 358348897016286200957650337792000.0/15
Left In: 2.236 $\pm$ 0.000	χ^2/NDF : 15290578882671212378527132286976.0/3

+ sign 1.741 $\pm$ 0.000 χ^2/NDF : 54385063977021897
 All: 1.707 $\pm$ 0.000 χ^2/NDF : 10834028317680
 - sign 1.670 $\pm$ 0.000 χ^2/NDF : 53690369892854358

dit_4eY_coil1_Ndata_mean vs Slug



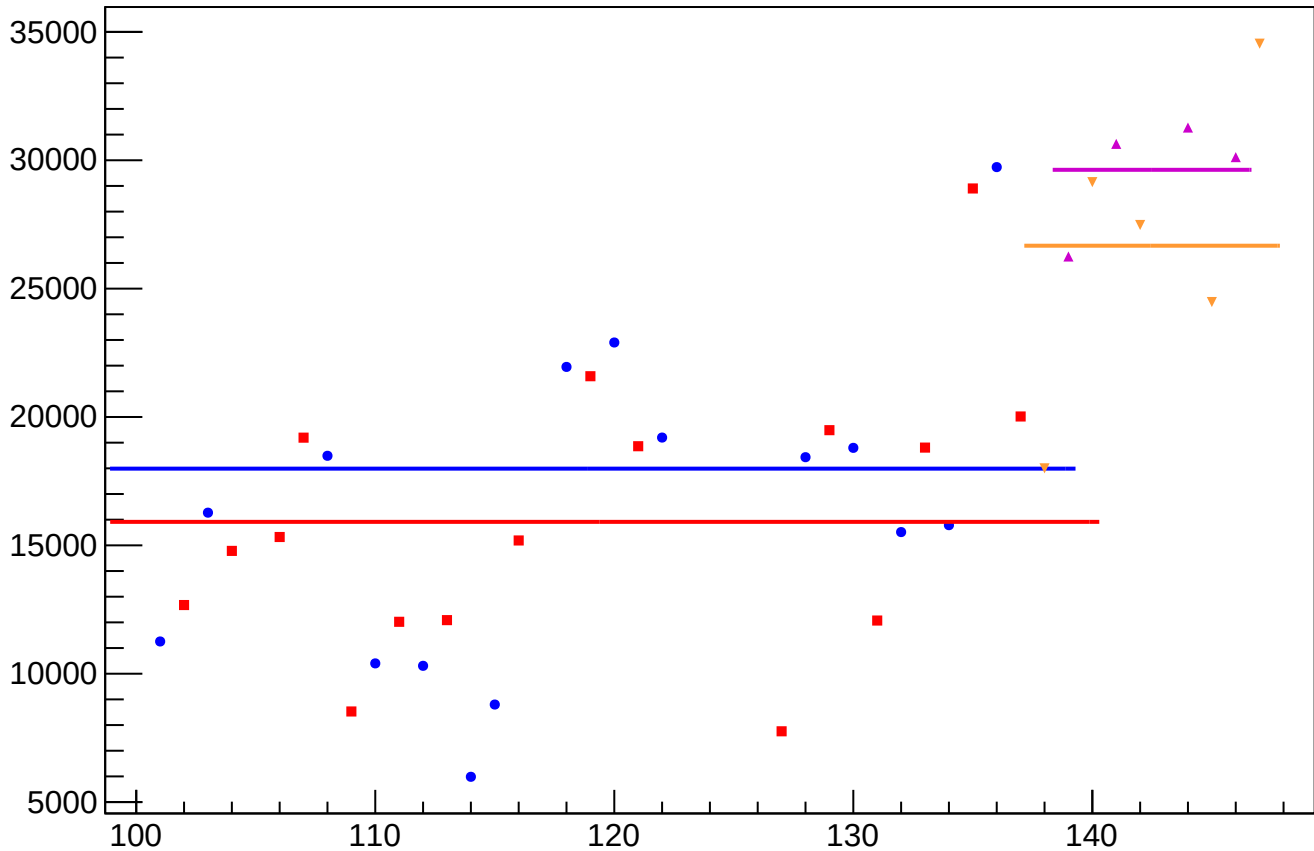
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

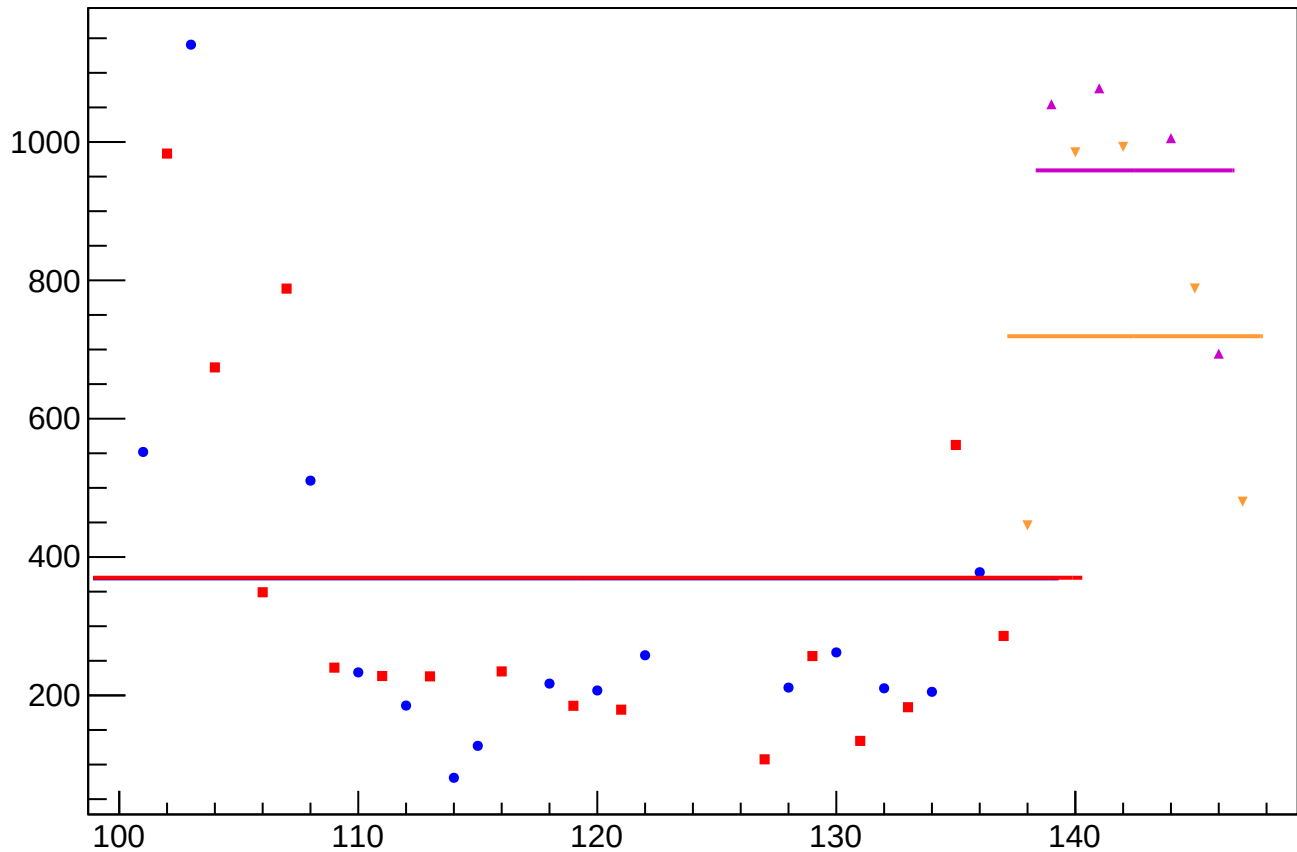
Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 26671.674+/-0.000	+ sign 21113.898+/-0.000 χ^2/NDF : 5404863601164
Right Out: 15915.227+/-0.000	χ^2/NDF : 11618299885899045501495020485127327186944.0/4
Left In: 29628.168+/-0.000	All: 20821.828+/-0.000 χ^2/NDF : 1176314863
	- sign 20527.141+/-0.000 χ^2/NDF : 6340907651779

dit_usl_coil1_err_mean vs Slug



Right In: 369.169+/-0.000 χ^2/NDF : 48053036789565485994195833341370957824.0/14

+ sign 495.176+/-0.000 χ^2/NDF : 966019428042755

Left Out: 719.227+/-0.000 χ^2/NDF : 19921649457427192366551477252953997312.0/4

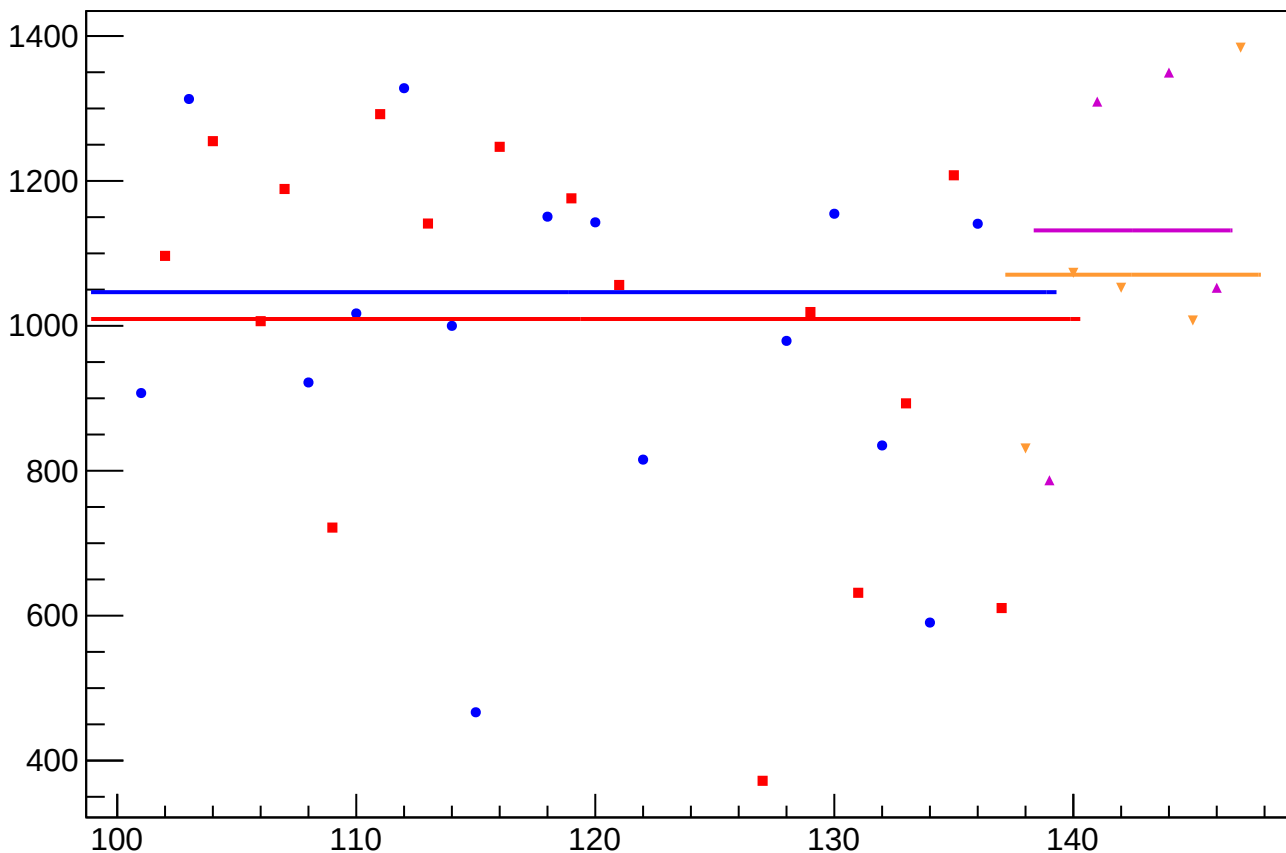
All: 531.495+/-0.000 χ^2/NDF : 23324962637

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 568.140+/-0.000 χ^2/NDF : 133960578492764

Left In: 958.963+/-0.000 χ^2/NDF : 7957146133138041961343924763937996800.0/3

dit_usl_coil1_Ndata_mean vs Slug



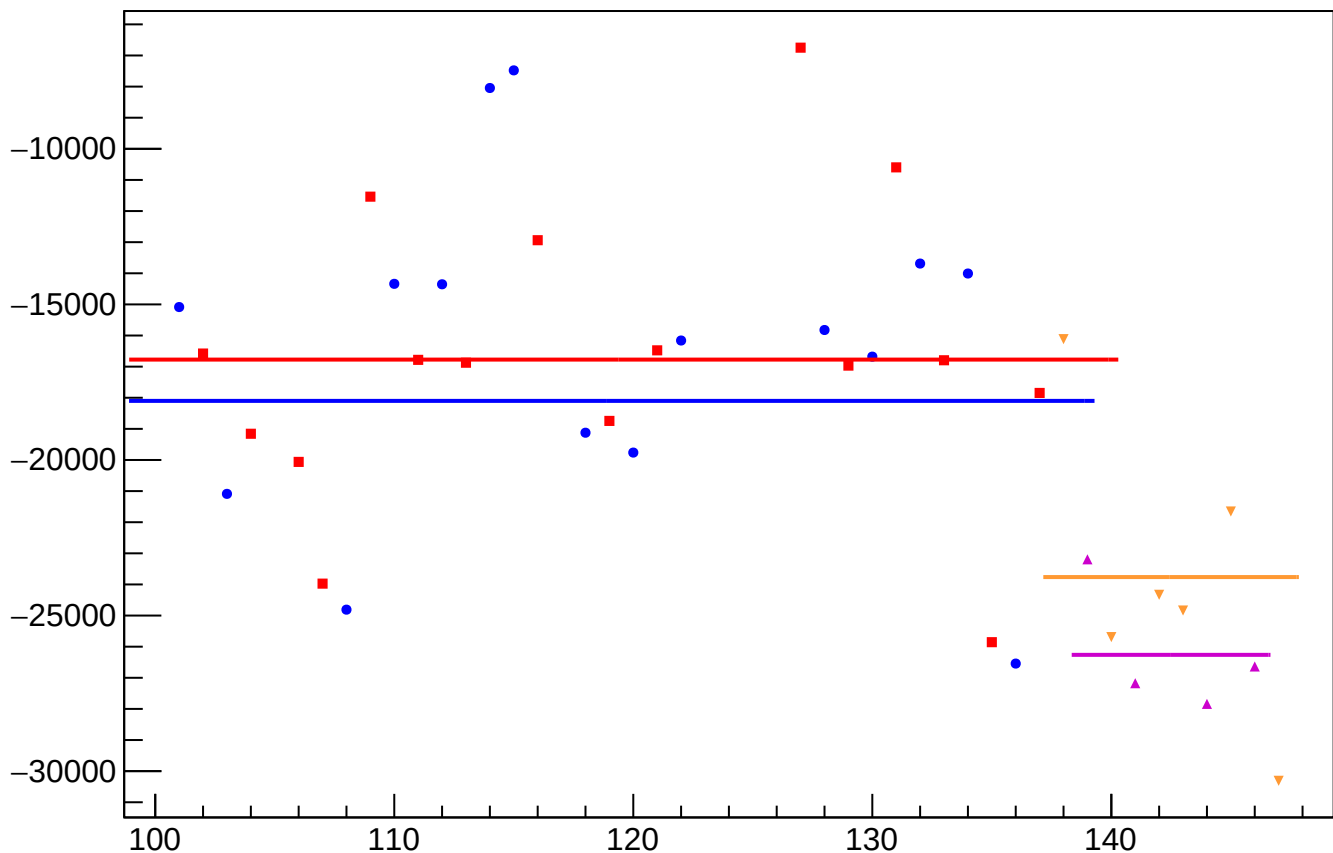
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1070.586+/-0.000 χ^2/NDF : 12482792677231906528968055568319119360.0/4

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_usr_coil1_mean vs Slug



Right In: -18100.637+/-0.000 χ^2/NDF : 14634967546173586967632040765428699496448.0/14

Left Out: -23762.921+/-0.000 χ^2/NDF : 8661783664493163821622786836737466302464.0/5

Right Out: -16773.604+/-0.000 χ^2/NDF : 14234547931135812277474342886568366178304.0/15

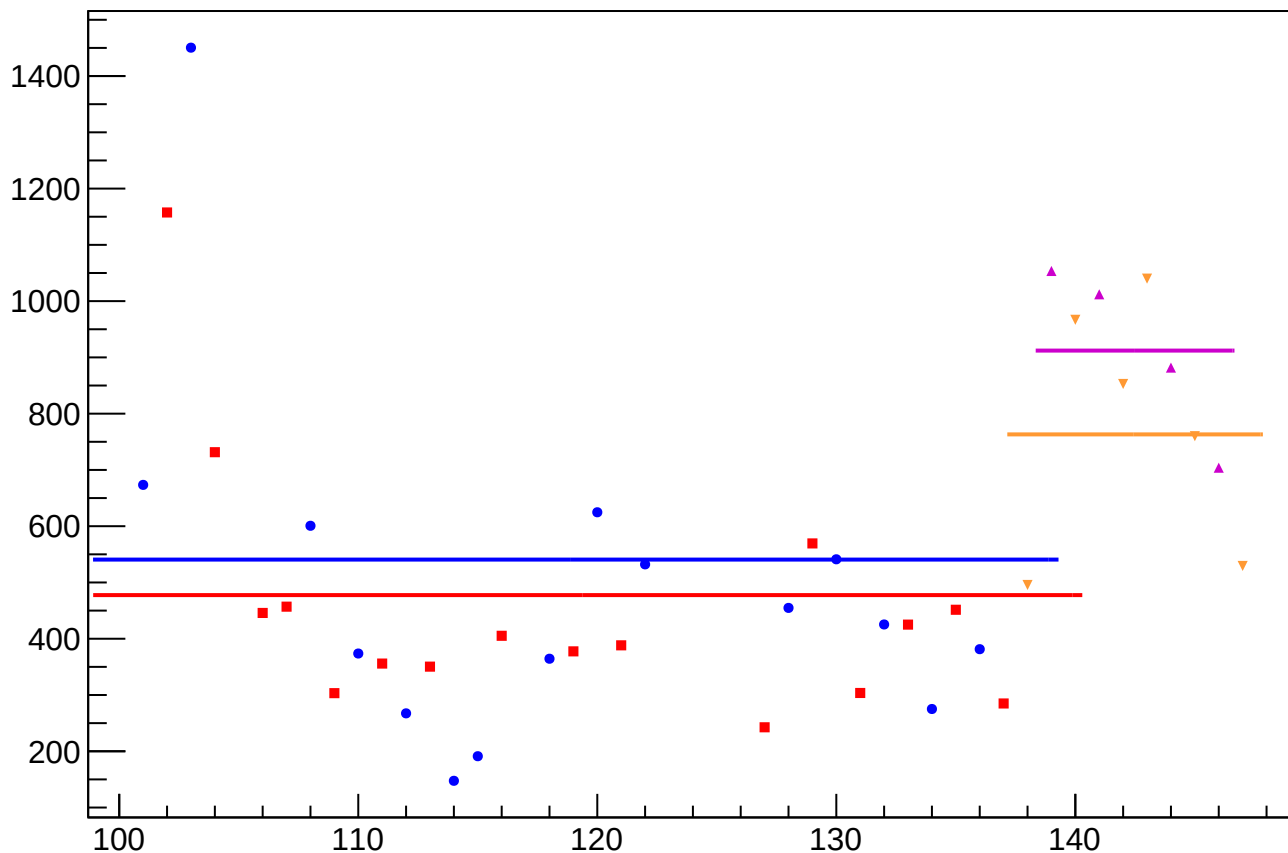
Left In: -26262.706+/-0.000 χ^2/NDF : 1066692641630792294967960553036516950016.0/3

+ sign -20363.456+/-0.000 χ^2/NDF : 316122072261

All: -20171.469+/-0.000 χ^2/NDF : 671950014

- sign -19964.964+/-0.000 χ^2/NDF : 3550009216724

dit_usr_coil1_err_mean vs Slug



Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

Left Out: 763.160+/-0.000 χ^2/NDF : 18754654518008656630166656454699778048.0/5

Right Out: 477.546+/-0.000 χ^2/NDF : 38798306504296954461537116809760604160.0/15

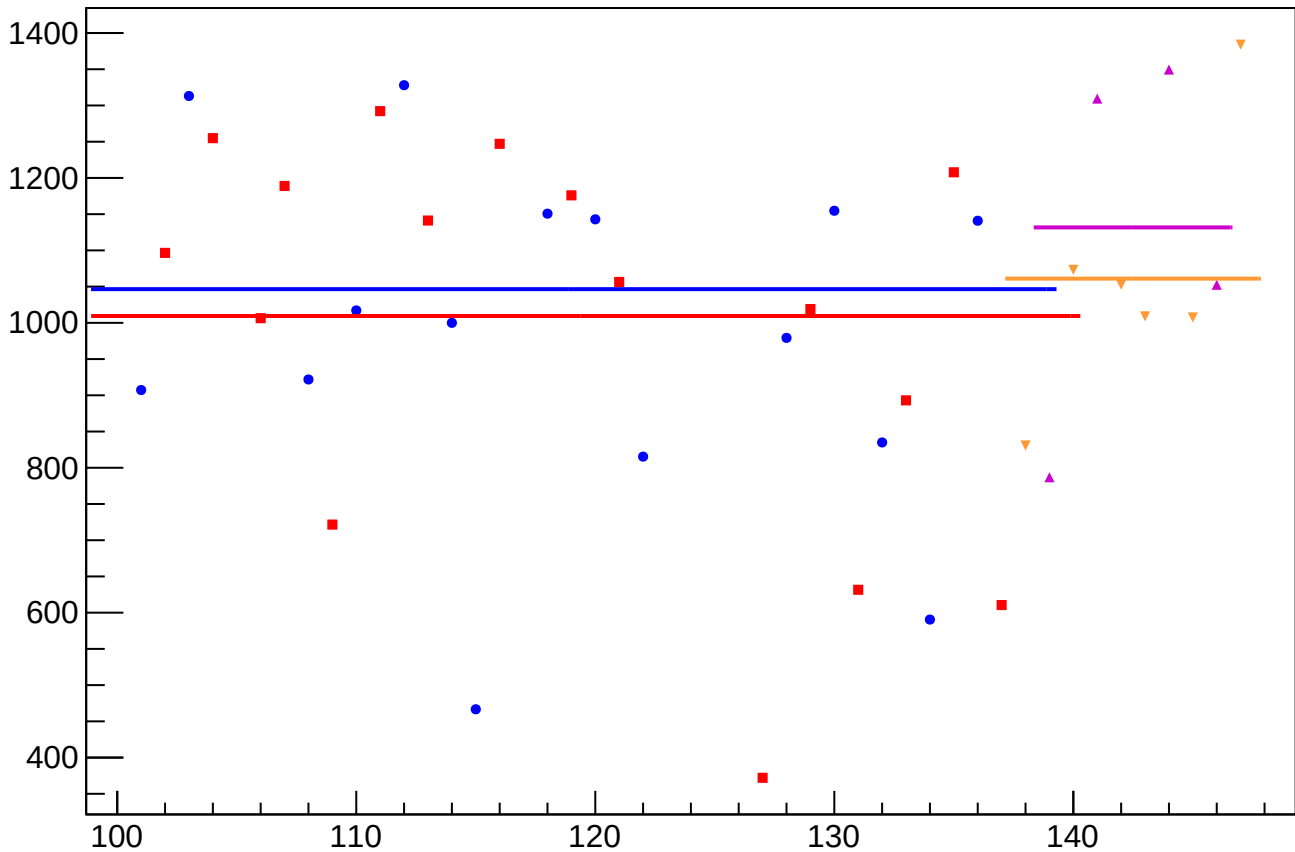
Left In: 912.096+/-0.000 χ^2/NDF : 614916406180697301033762922249431040.0/3

+ sign 629.579+/-0.000 χ^2/NDF : 961411388773883

All: 626.744+/-0.000 χ^2/NDF : 183466642996

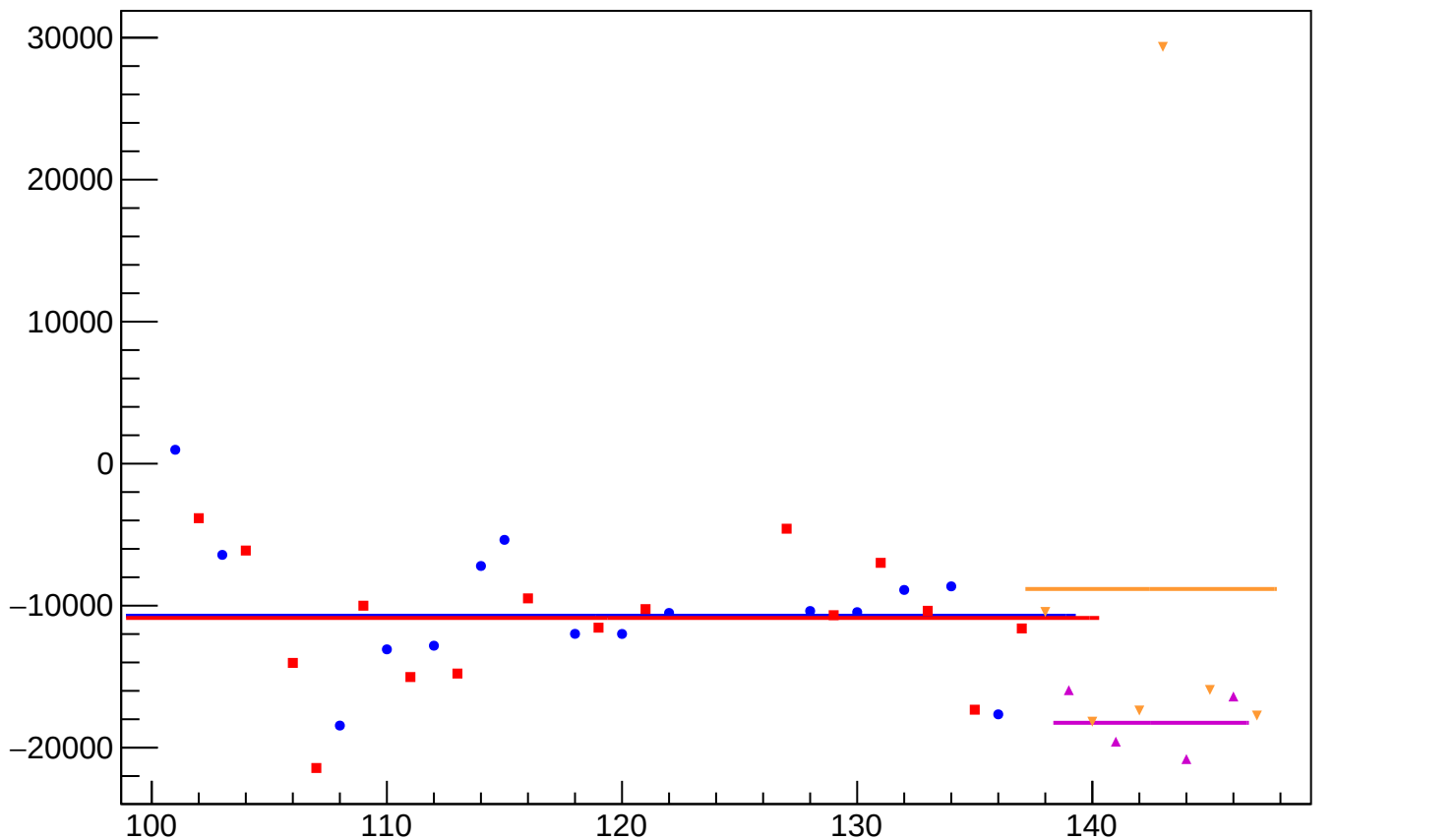
- sign 623.693+/-0.000 χ^2/NDF : 873074605750567

dit_usr_coil1_Ndata_mean vs Slug



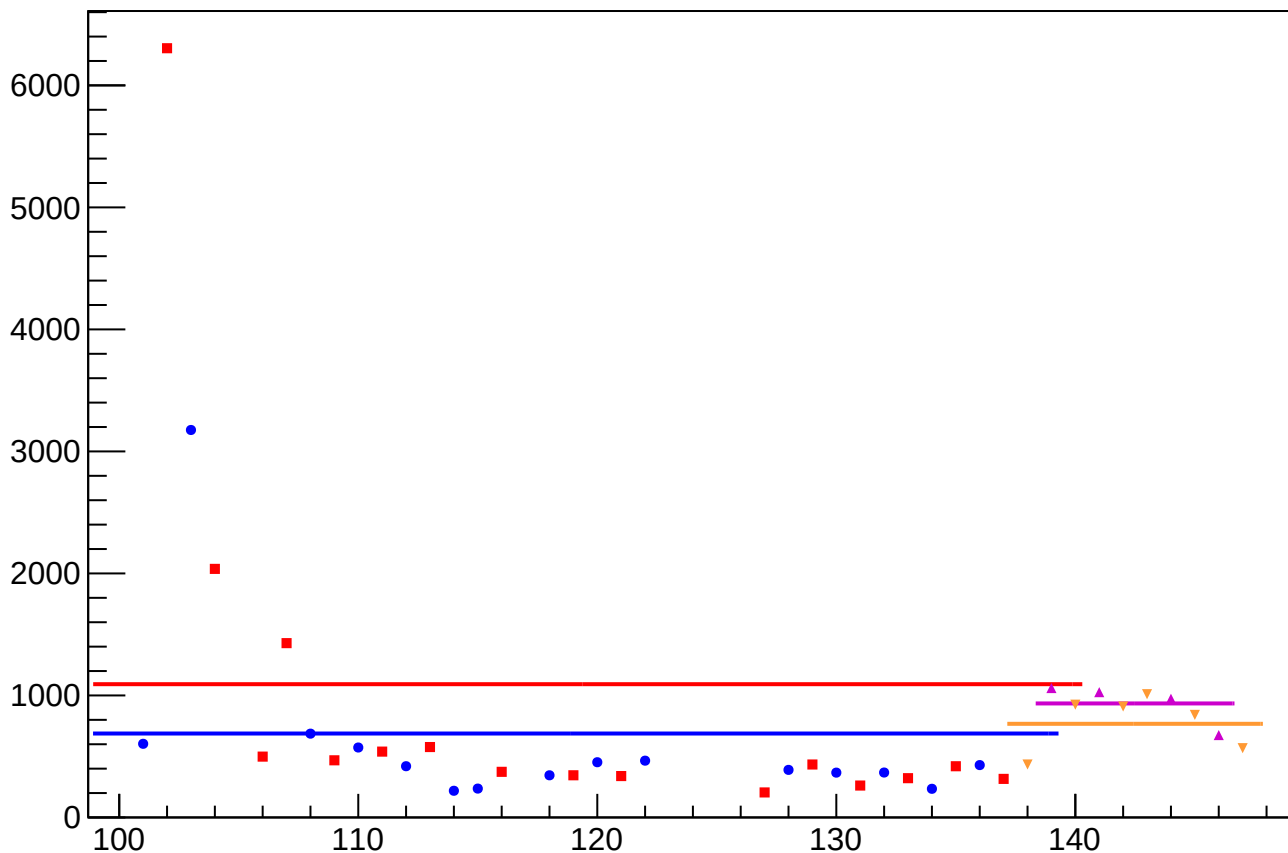
Right In: 1046.490+/-0.000	χ^2/NDF : 24866624766048512267031234680614551552.0/14	+ sign 1052.300+/-0.000	χ^2/NDF : 37619254751118
Left Out: 1061.028+/-0.000	χ^2/NDF : 12697814946720082369620351550469701632.0/5	All: 1051.466+/-0.000	χ^2/NDF : 10263965063
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1050.569+/-0.000	χ^2/NDF : 65018836109581
Left In: 1131.722+/-0.000	χ^2/NDF : 17062050594684537989489620676895571968.0/3		

dit_atl1_coil1_mean vs Slug



Right In: -10710.292 ± 0.000 $\chi^2/\text{NDF}: 16945226152053511840482618402250170564608.0/14$
 Left Out: -8825.556 ± 0.000 $\chi^2/\text{NDF}: 118686502035362317874010884208070720749568.0/5$
 Right Out: -10866.264 ± 0.000 $\chi^2/\text{NDF}: 14234762838858382484525901644131626647552.0/15$
 Left In: -18249.752 ± 0.000 $\chi^2/\text{NDF}: 1442700136753677197930324011346722553856.0/3$

dit_atl1_coil1_err_mean vs Slug



Right In: 687.939+/-0.000 χ^2/NDF : 409297141104301509817753390759024787456.0/14

Left Out: 767.477+/-0.000 χ^2/NDF : 19101280029876663123191815136985743360.0/5

Right Out: 1092.265+/-0.000 χ^2/NDF : 1883198142929605813456233812946948456448.0/15

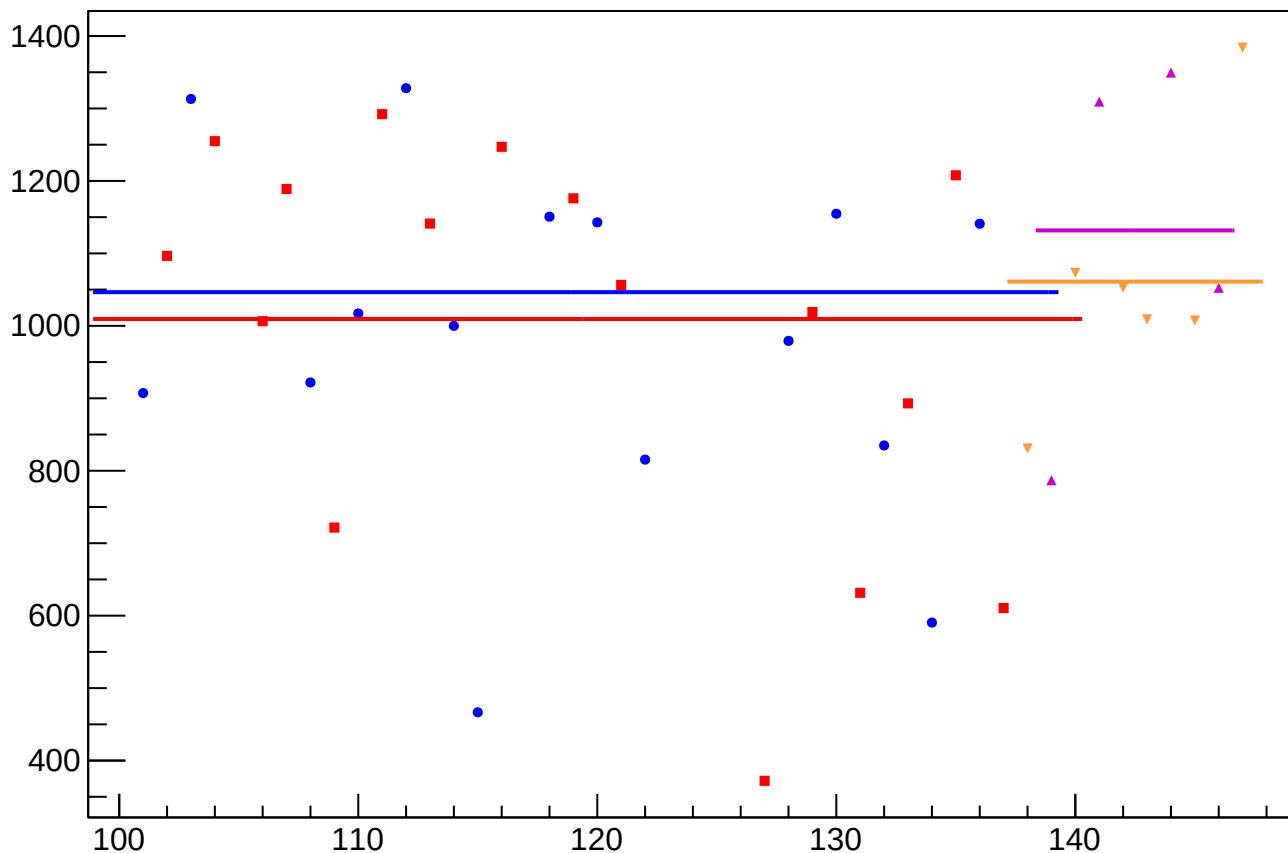
Left In: 934.423+/-0.000 χ^2/NDF : 7725497061219568449514555555581001728.0/3

+ sign 719.725+/-0.000 χ^2/NDF : 430039225357289

All: 873.633+/-0.000 χ^2/NDF : 237970094098

- sign 1039.180+/-0.000 χ^2/NDF : 18965124586723

dit_atl1_coil1_Ndata_mean vs Slug



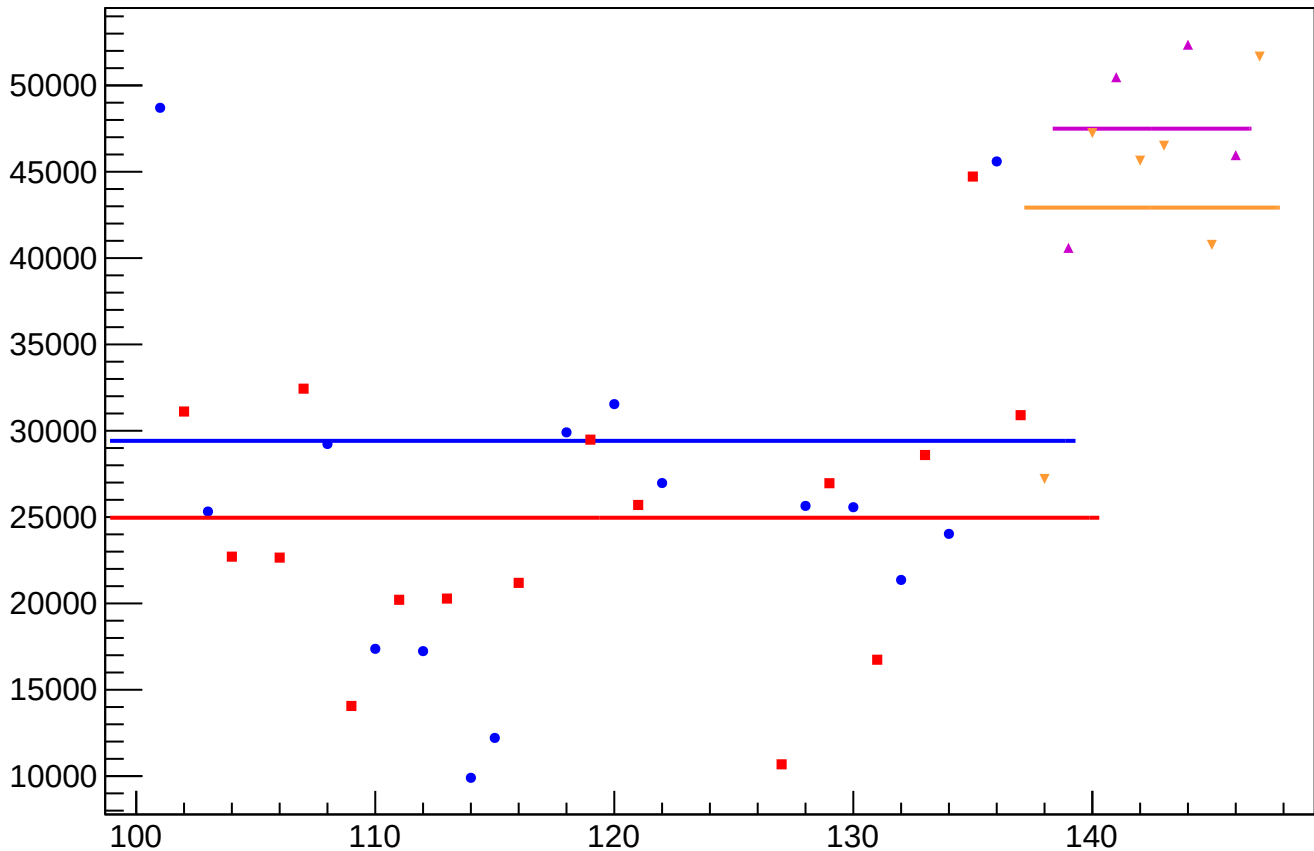
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

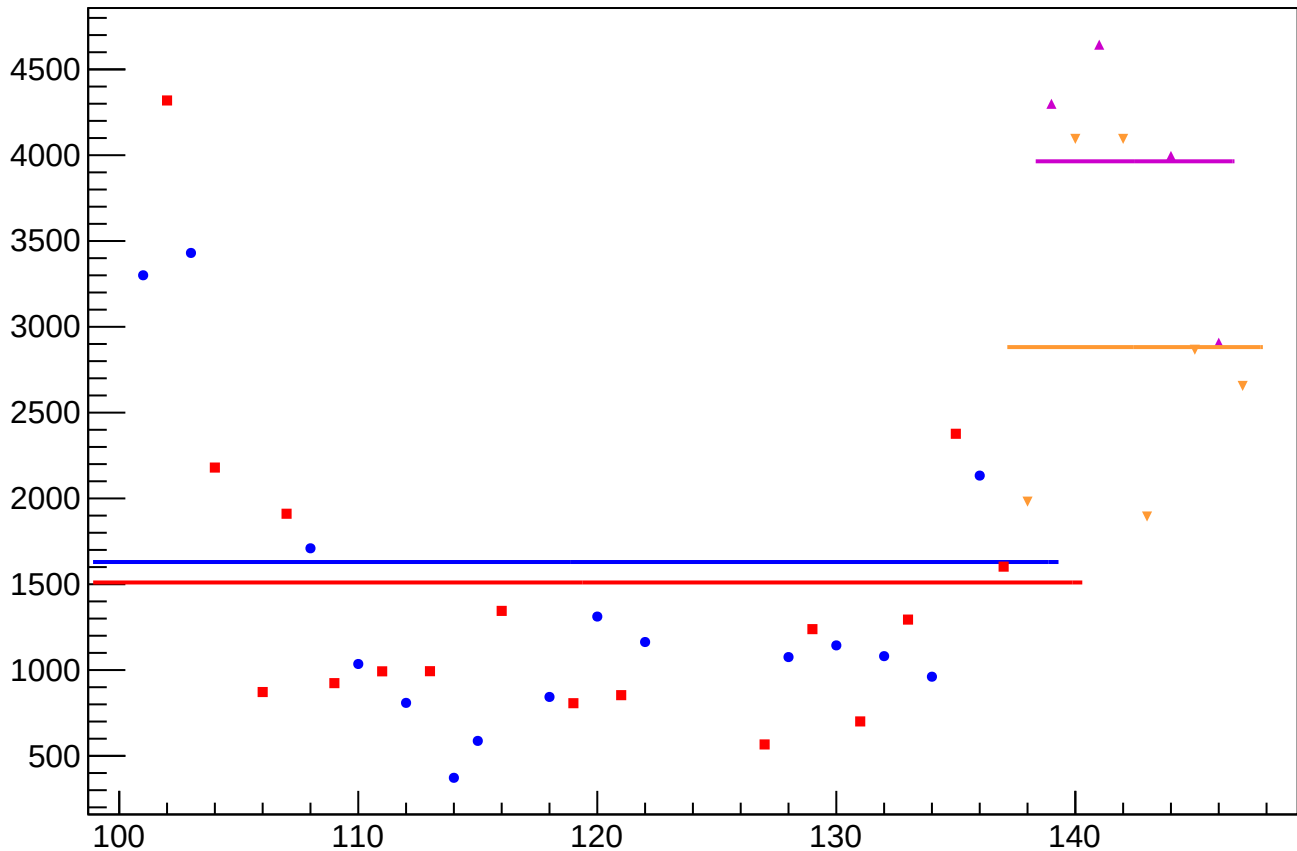
dit_atl2_coil1_mean vs Slug



Right In: 29415.830+/-0.000	χ^2/NDF : 71764989638928082906774979753894809174016.0/14
Left Out: 42924.070+/-0.000	χ^2/NDF : 28328067627383861635320678834567198539776.0/5
Right Out: 24963.010+/-0.000	χ^2/NDF : 45631572920122171972835961685494315614208.0/15
Left In: 47495.390+/-0.000	χ^2/NDF : 6914330465485670618425851874407138459648.0/3

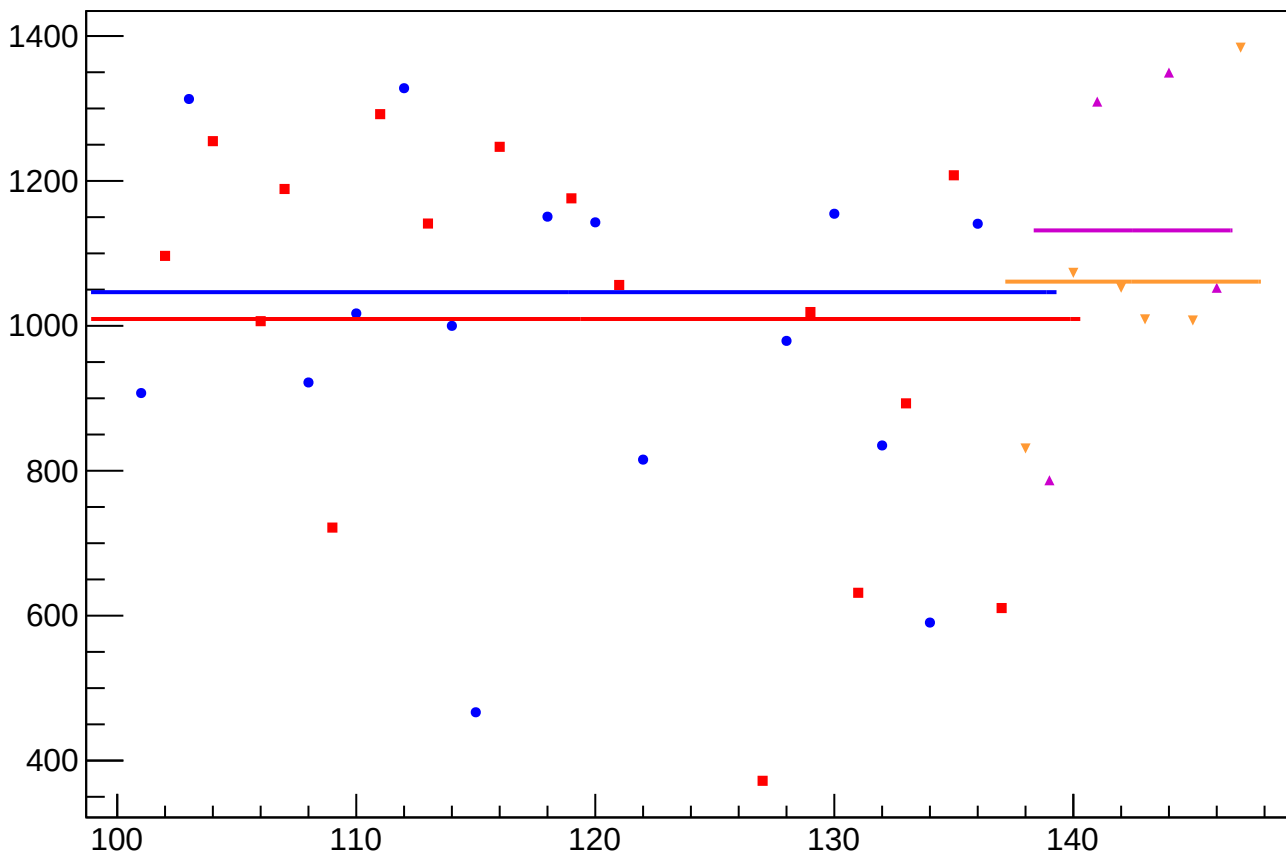
+ sign 34814.127+/-0.000 χ^2/NDF : 1474191120624
 All: 33719.004+/-0.000 χ^2/NDF : 3165472508
 - sign 32541.064+/-0.000 χ^2/NDF : 1664372214258

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542+/-0.000	χ^2/NDF : 551738555355028902194697896437152219136.0/14	+ sign 2130.010+/-0.000	χ^2/NDF : 12794879845060
Left Out: 2881.871+/-0.000	χ^2/NDF : 320988324856740043846202543726854668288.0/5	All: 2229.088+/-0.000	χ^2/NDF : 34819113847
Right Out: 1510.293+/-0.000	χ^2/NDF : 688231904046816211321774524619745656832.0/15	- sign 2335.659+/-0.000	χ^2/NDF : 21803975994606
Left In: 3964.415+/-0.000	χ^2/NDF : 141124508455151657340437063207971979264.0/3		

dit_atl2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

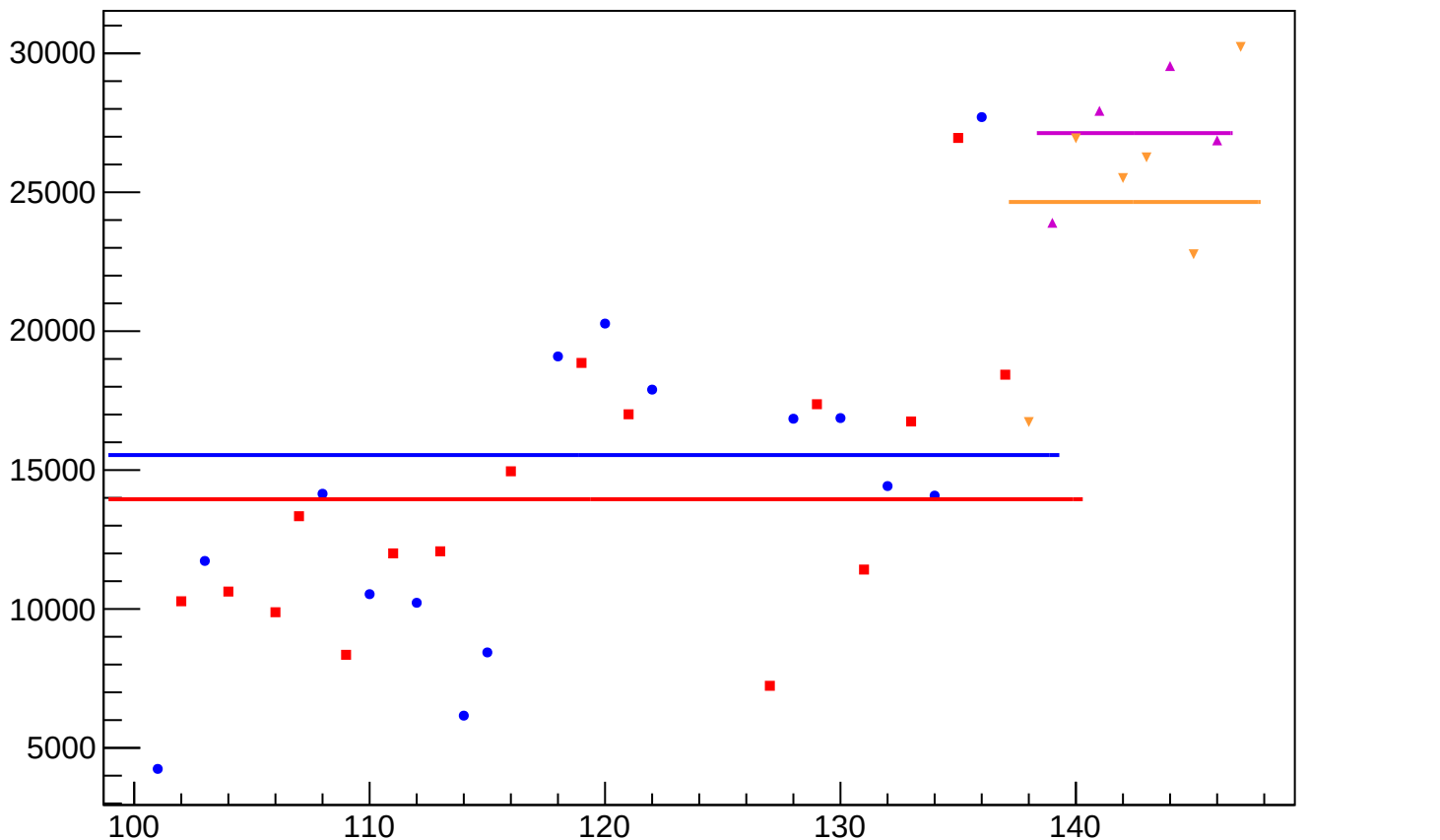
Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

+ sign 1052.300+/-0.000 χ^2/NDF : 37619254751118

All: 1051.466+/-0.000 χ^2/NDF : 10263965063

- sign 1050.569+/-0.000 χ^2/NDF : 65018836109581

dit_atr1_coil1_mean vs Slug



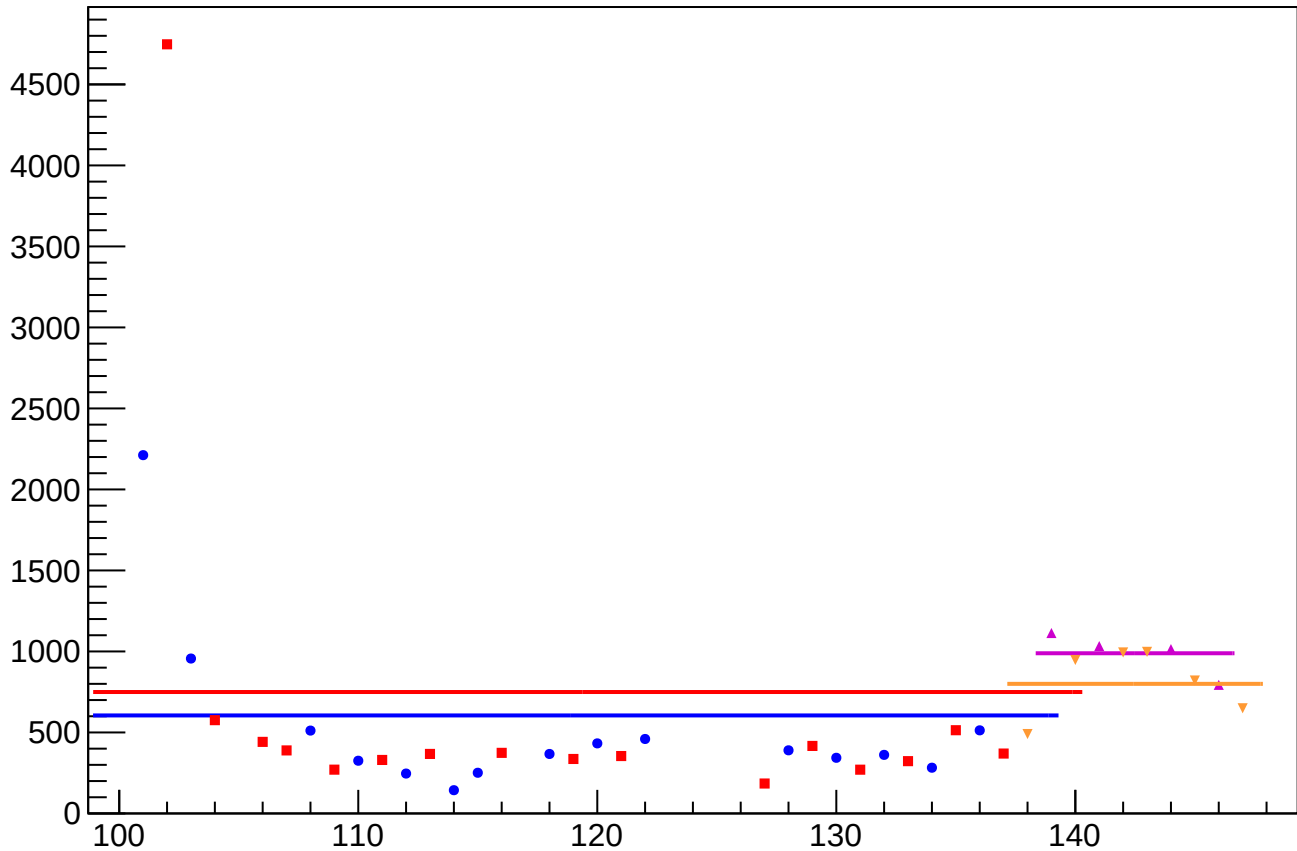
Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 24650.228+/-0.000	χ^2/NDF : 8248514544435581113871408851481507397632.0/5
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 27129.540+/-0.000	χ^2/NDF : 1423085831249316263715504915237037932544.0/3

+ sign 19181.192+/-0.000 χ^2/NDF : 5715432763159

All: 18796.981+/-0.000 χ^2/NDF : 1148172702

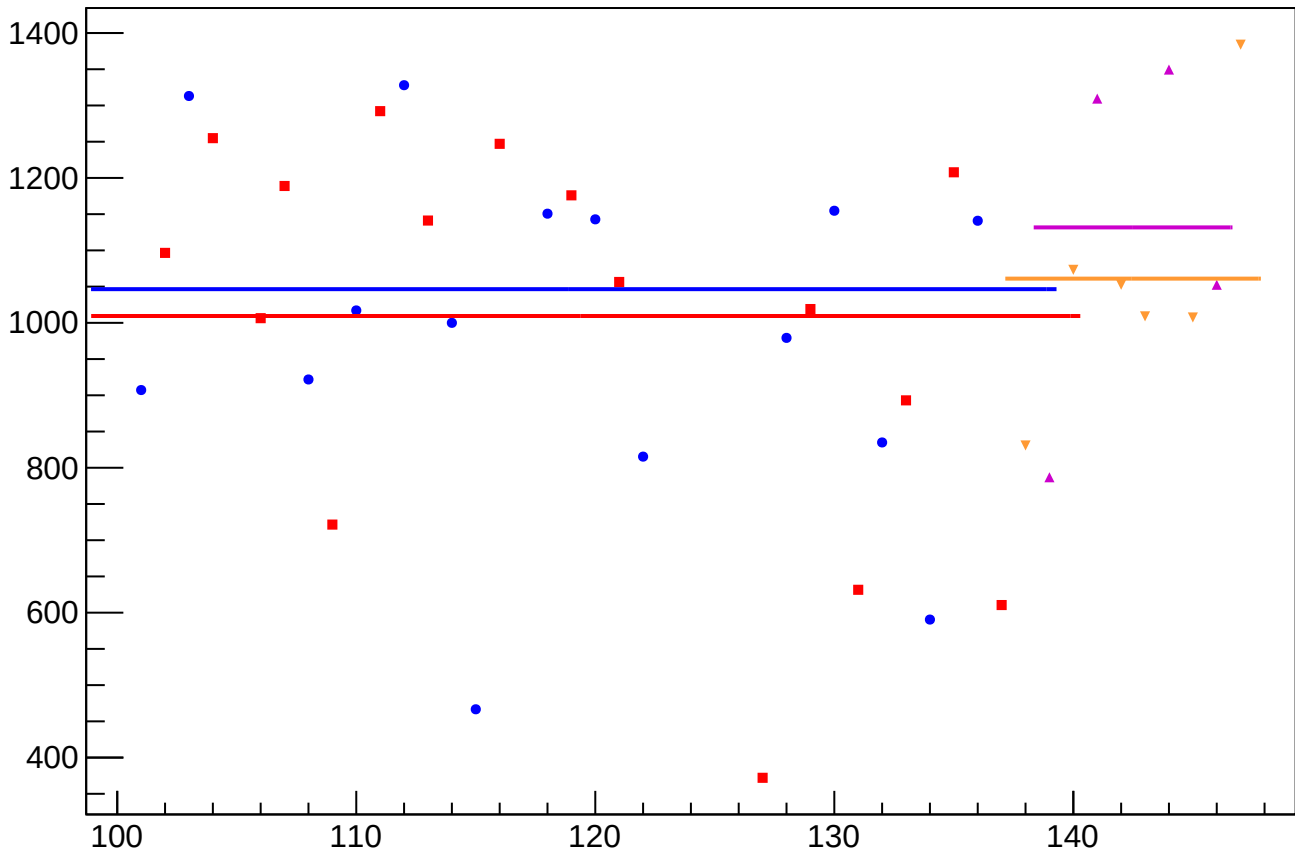
- sign 18383.716+/-0.000 χ^2/NDF : 5733172508506

dit_atr1_coil1_err_mean vs Slug



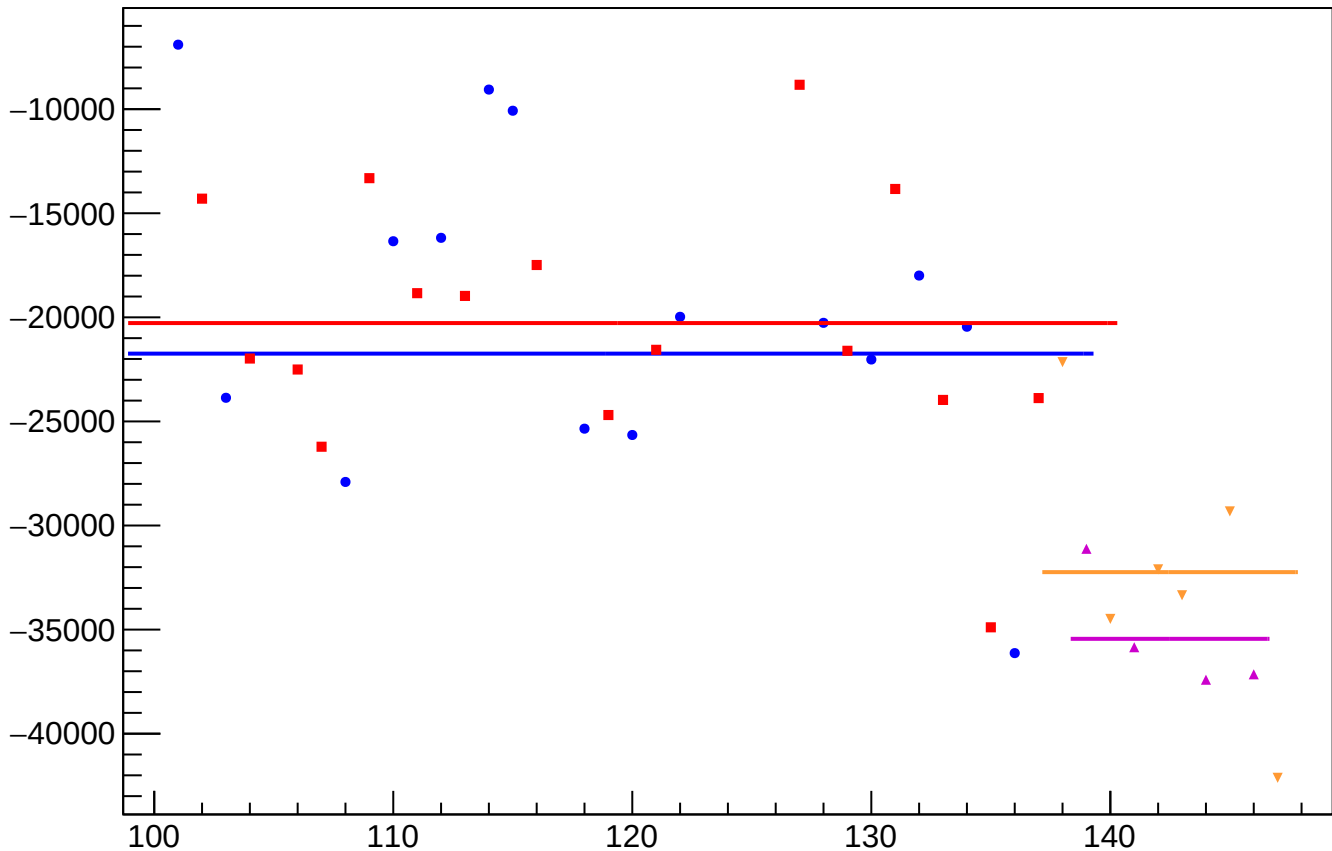
Right In: 605.034+/-0.000 χ^2/NDF : 189401522791607614448600157723362852864.0/14
 Left Out: 799.967+/-0.000 χ^2/NDF : 15415187992941935075157037676536791040.0/5
 Right Out: 749.582+/-0.000 χ^2/NDF : 1021358768377495935693748779804344188928.0/15
 Left In: 988.821+/-0.000 χ^2/NDF : 4644014206215221298494971829085536256.0/3

dit_atr1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

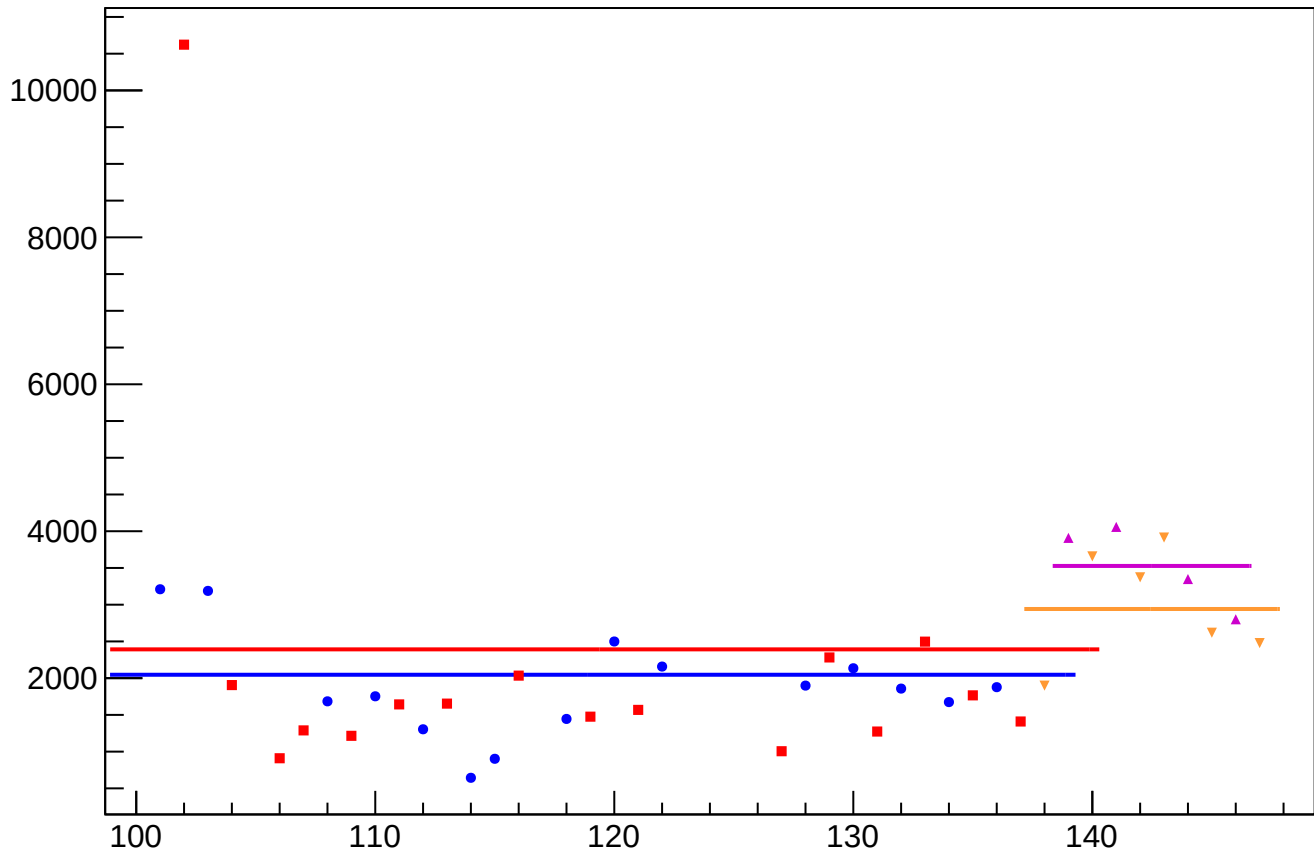
dit_atr2_coil1_mean vs Slug



Right In: -21743.360+/-0.000	χ^2/NDF : 41106858823579527325198675675398793068544.0/14
Left Out: -32239.363+/-0.000	χ^2/NDF : 16736920488783119323861317046259616317440.0/5
Right Out: -20275.415+/-0.000	χ^2/NDF : 25935869132092920231681532417627320745984.0/15
Left In: -35443.513+/-0.000	χ^2/NDF : 2113669680611722220932695447622121422848.0/3

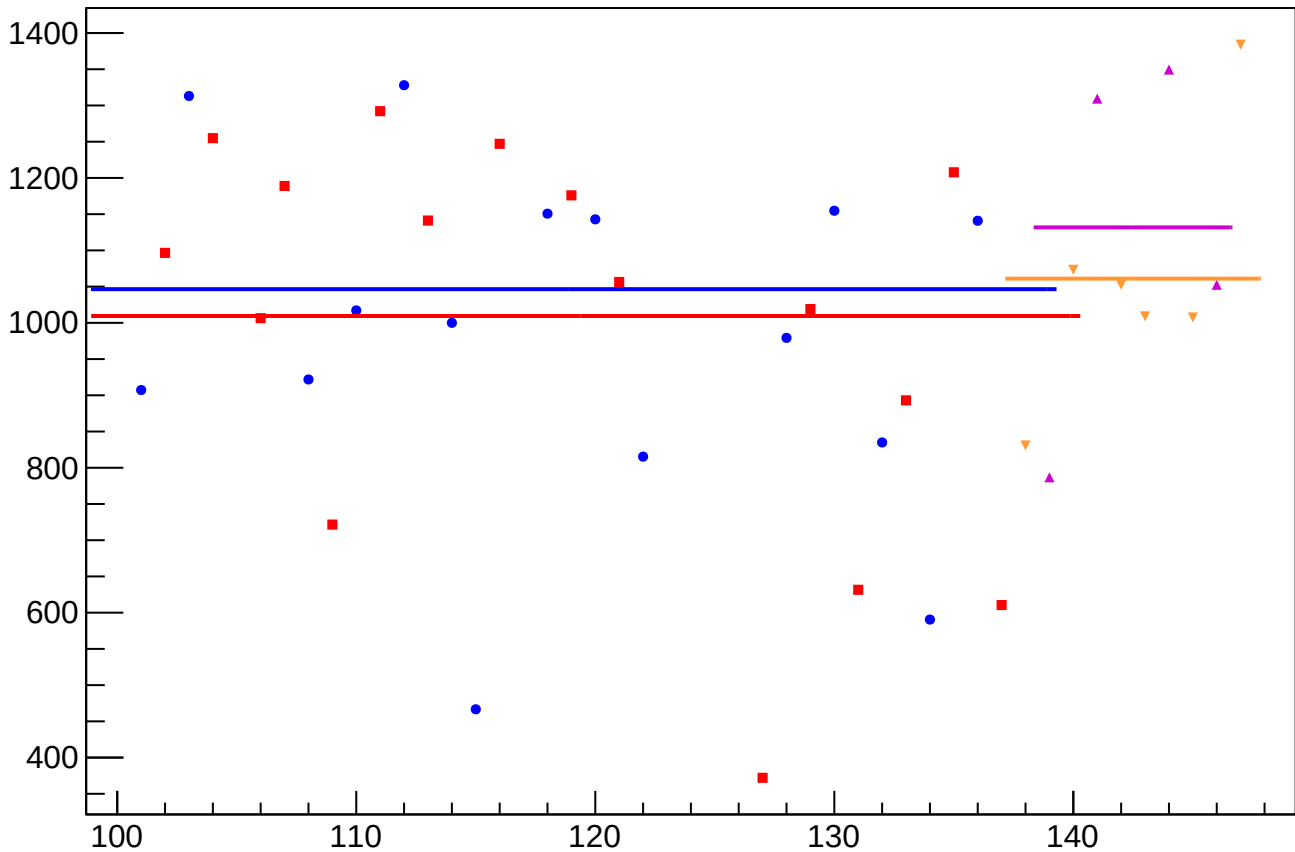
+ sign -25937.877+/-0.000 χ^2/NDF : 864164355873
 All: -25667.524+/-0.000 χ^2/NDF : 166240549
 - sign -25376.725+/-0.000 χ^2/NDF : 796601165844

dit_atr2_coil1_err_mean vs Slug



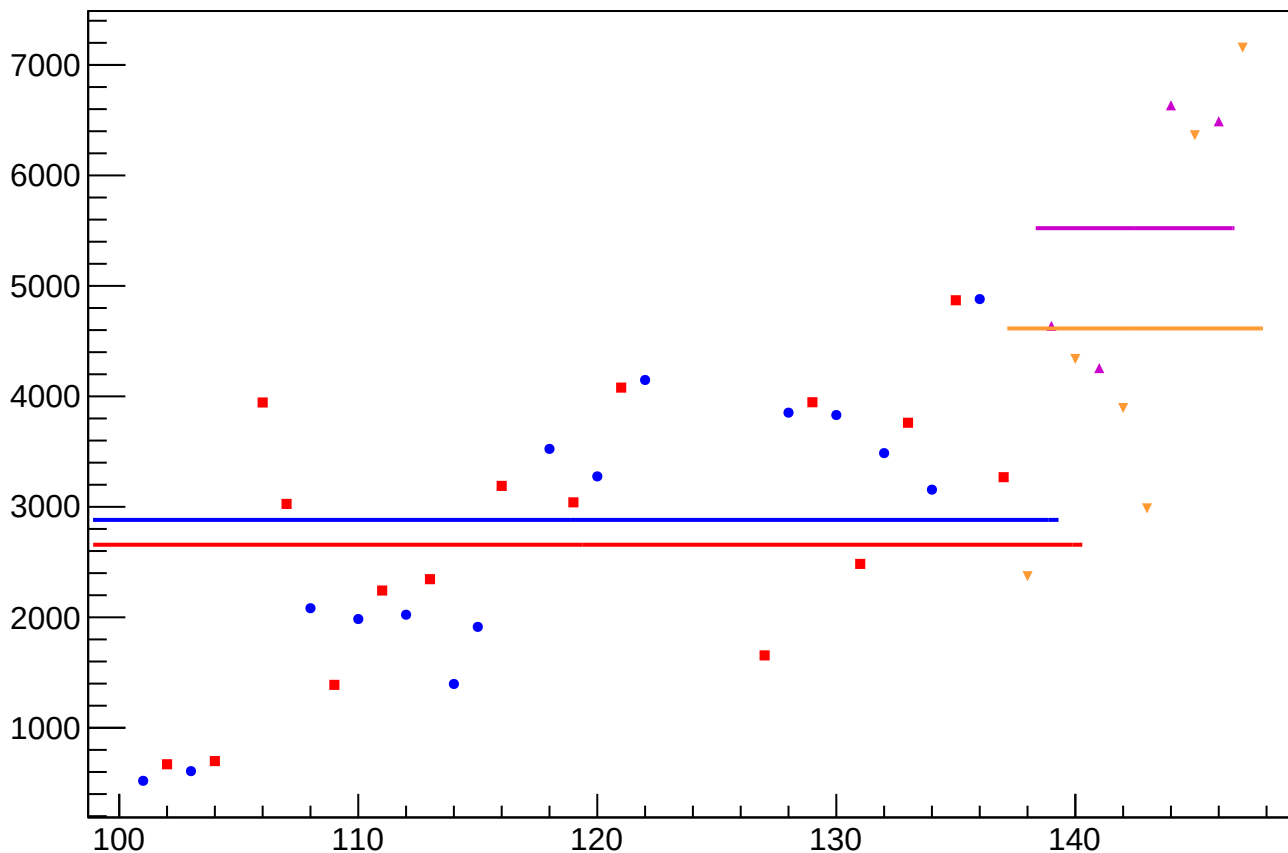
Right In: 2046.354+/-0.000	χ^2/NDF : 266555515927348892036833058355226345472.0/14
Left Out: 2941.523+/-0.000	χ^2/NDF : 224116630286400031765610406896407150592.0/5
Right Out: 2391.939+/-0.000	χ^2/NDF : 4415294964789778815259357544579499819008.0/15
Left In: 3527.500+/-0.000	χ^2/NDF : 82402739985256157080263541382652624896.0/3
+ sign 2404.090+/-0.000 χ^2/NDF : 69850434423775 All: 2582.234+/-0.000 χ^2/NDF : 5556673830 - sign 2773.849+/-0.000 χ^2/NDF : 47869638140341	

dit_atr2_coil1_Ndata_mean vs Slug



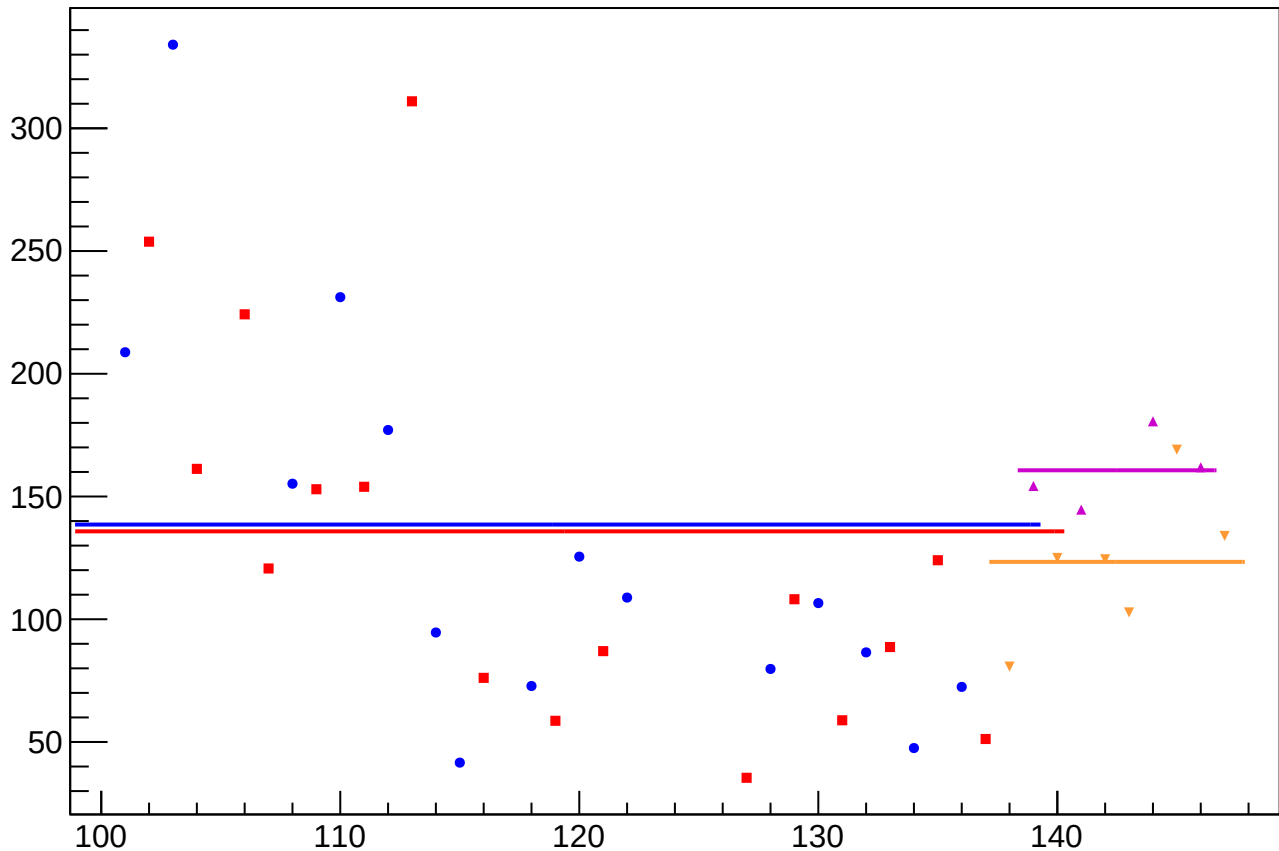
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_sam1_coil1_mean vs Slug



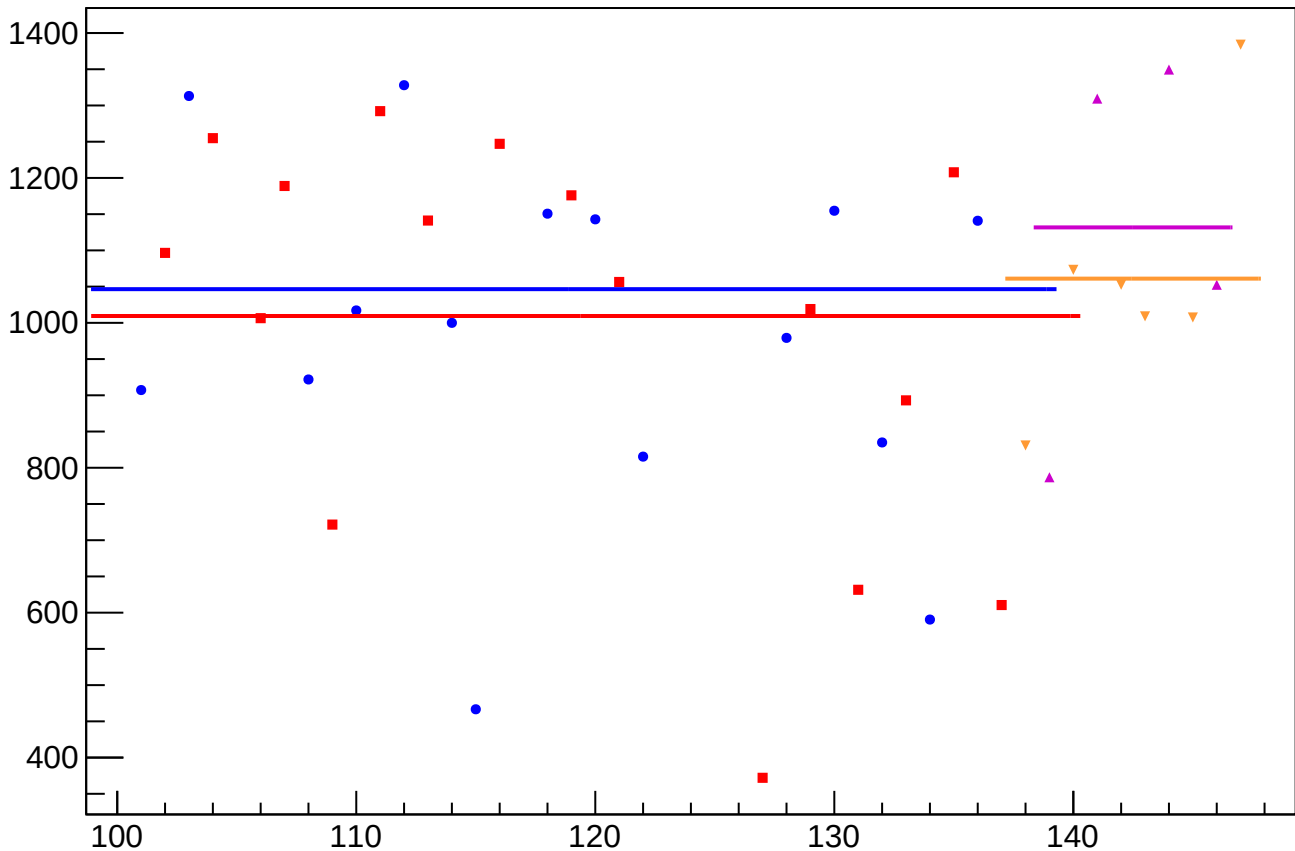
Right In: 2881.935+/-0.000 χ^2/NDF : 1320319391496525533692082365878834823168.0/14
 Left Out: 4614.908+/-0.000 χ^2/NDF : 1351820258530882655142066343135909249024.0/5
 Right Out: 2656.918+/-0.000 χ^2/NDF : 1077696846216053561130716877125509447680.0/15
 Left In: 5522.495+/-0.000 χ^2/NDF : 387512841601513638627572691573466464256.0/3

dit_sam1_coil1_err_mean vs Slug



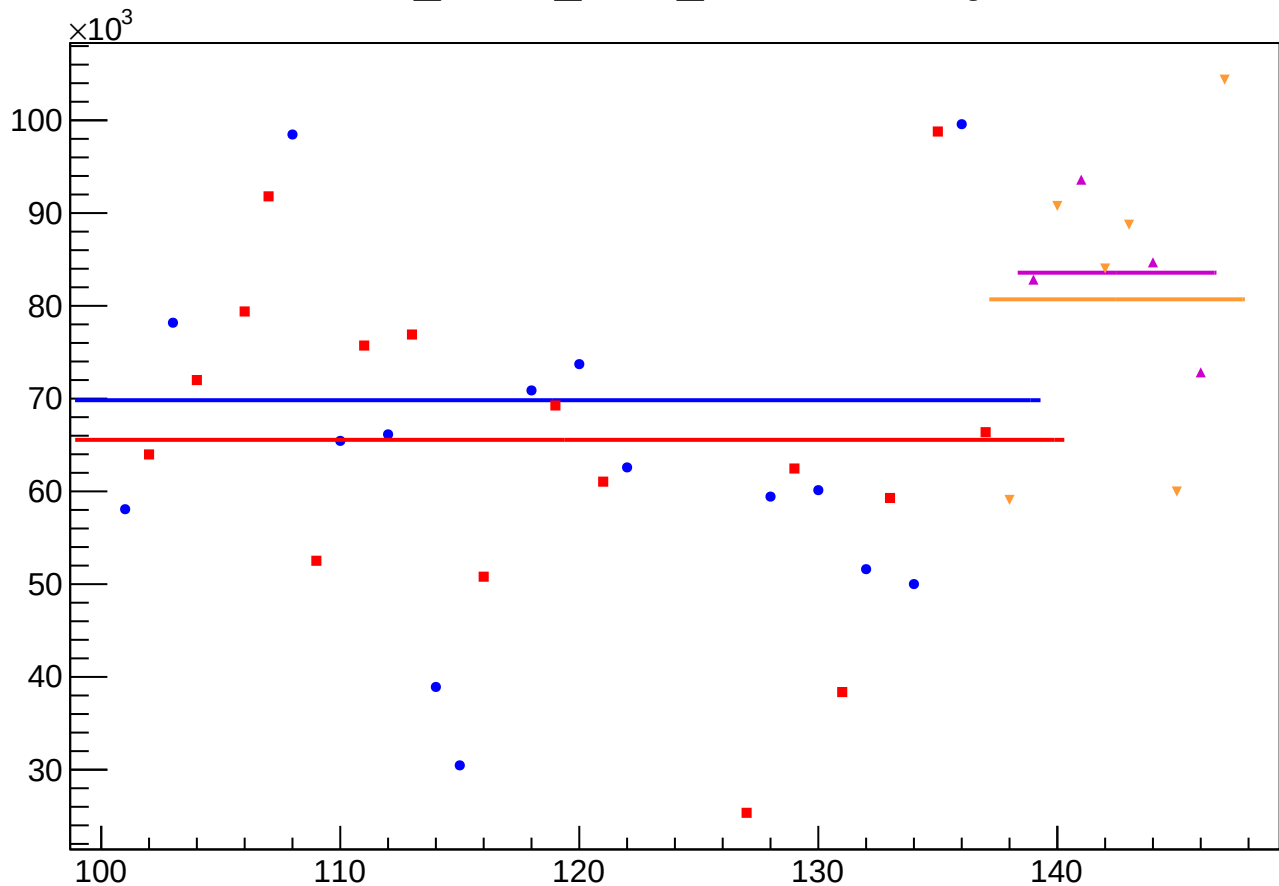
Right In: 138.577 $\pm$ 0.000 χ^2 /NDF: 4242369889979811373883774021335515136.0/14
 Left Out: 123.373 $\pm$ 0.000 χ^2 /NDF: 348533859628587707485785705846669312.0/5
 Right Out: 135.809 $\pm$ 0.000 χ^2 /NDF: 3956401741862524263243160868173643776.0/15
 Left In: 160.677 $\pm$ 0.000 χ^2 /NDF: 60687719478605889661818883482320896.0/3

dit_sam1_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

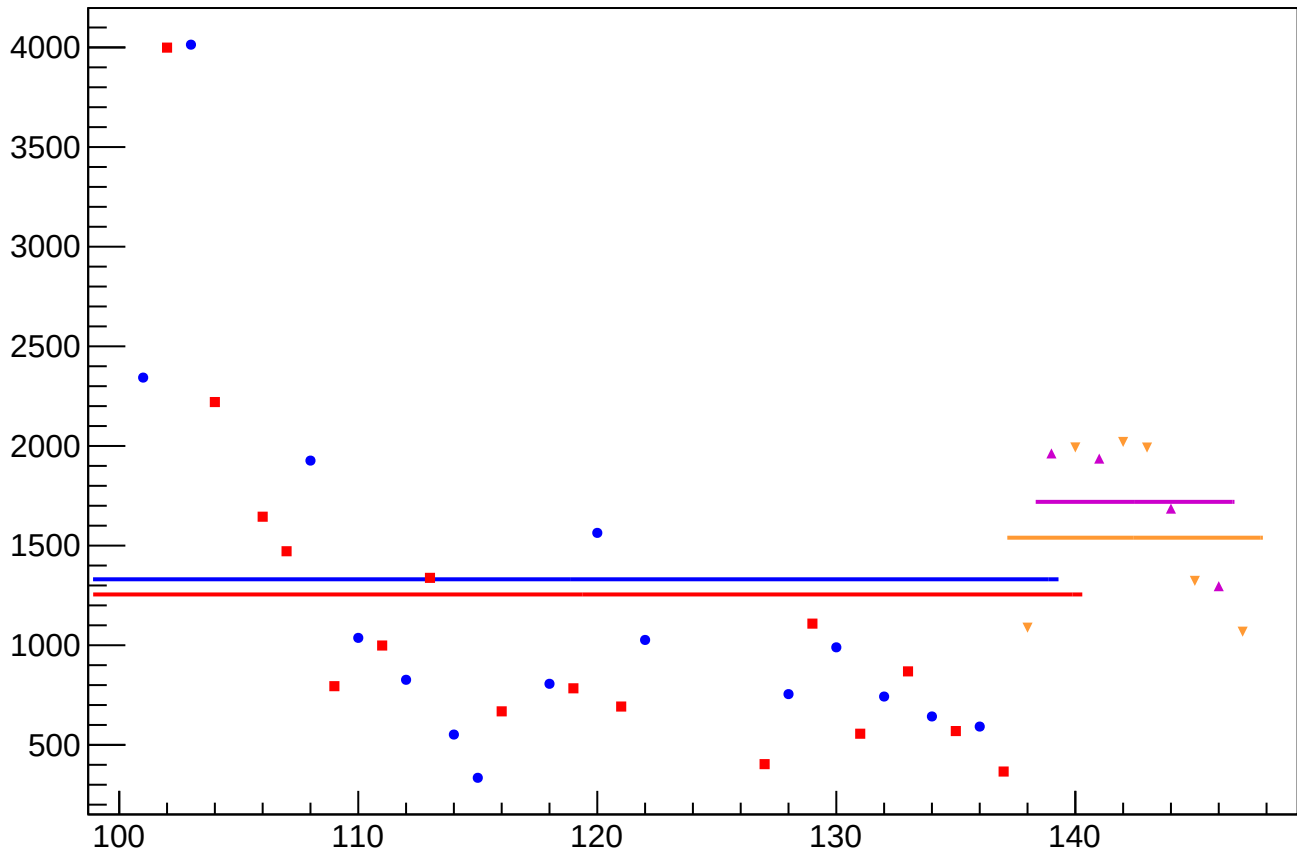
dit_sam2_coil1_mean vs Slug



Right In: 69827.797 $\pm$ 0.000	χ^2/NDF : 187803282116493131197684060541288926150656.0/14
Left Out: 80700.164 $\pm$ 0.000	χ^2/NDF : 128109796906825559021165592559668990836736.0/5
Right Out: 65555.147 $\pm$ 0.000	χ^2/NDF : 212001467811386750910625783195999741673472.0/15
Left In: 83572.882 $\pm$ 0.000	χ^2/NDF : 18283092012103954069810965464586246946816.0/3

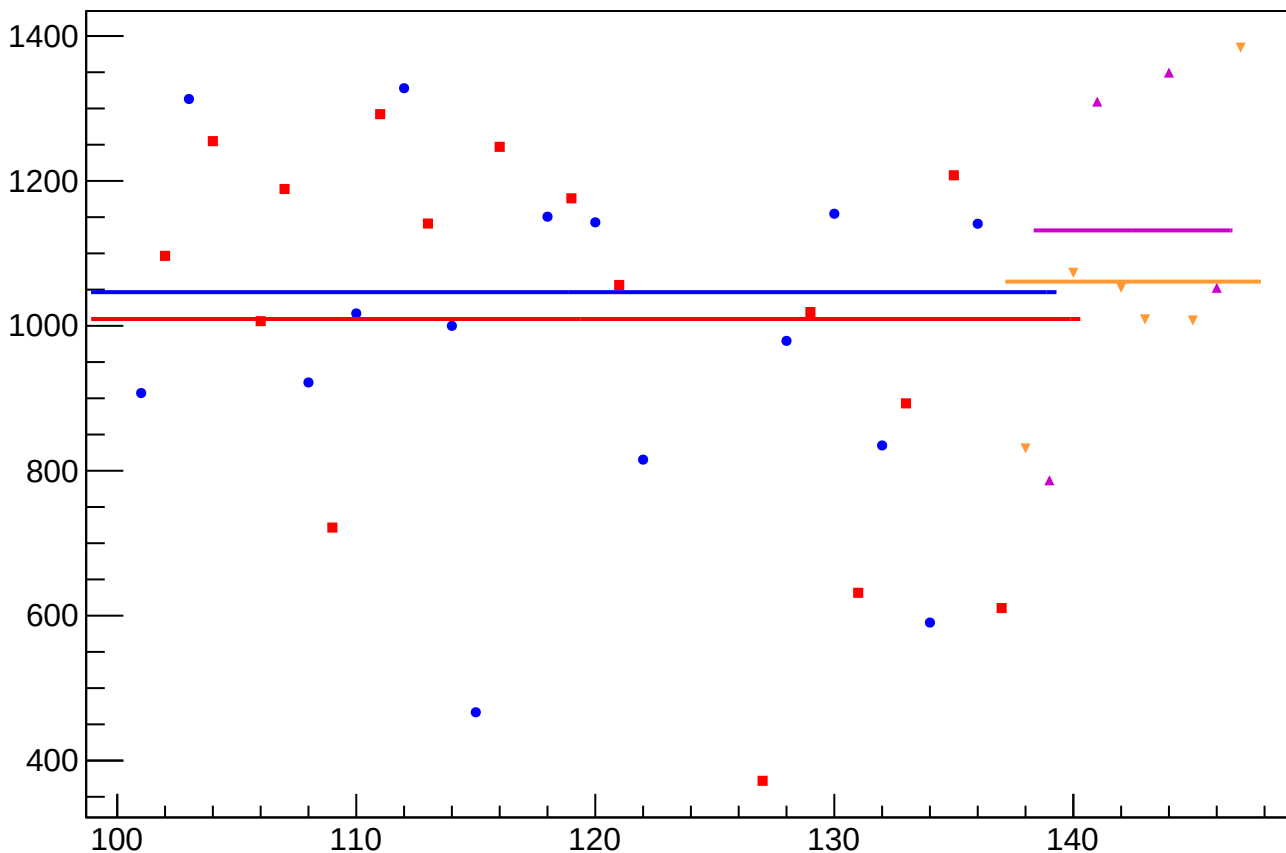
+ sign 74172.721 $\pm$ 0.000 χ^2/NDF : 3465715836304
 All: 72940.378 $\pm$ 0.000 χ^2/NDF : 6530880425
 - sign 71614.843 $\pm$ 0.000 χ^2/NDF : 3031089499935

dit_sam2_coil1_err_mean vs Slug



Right In: 1330.956 $\pm$ 0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1539.677 $\pm$ 0.000 χ^2/NDF : 78205149202867637734075069682656739328.0/5
 Right Out: 1254.871 $\pm$ 0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: 1719.564 $\pm$ 0.000 χ^2/NDF : 23756312236645875999446825356434079744.0/3

dit_sam2_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

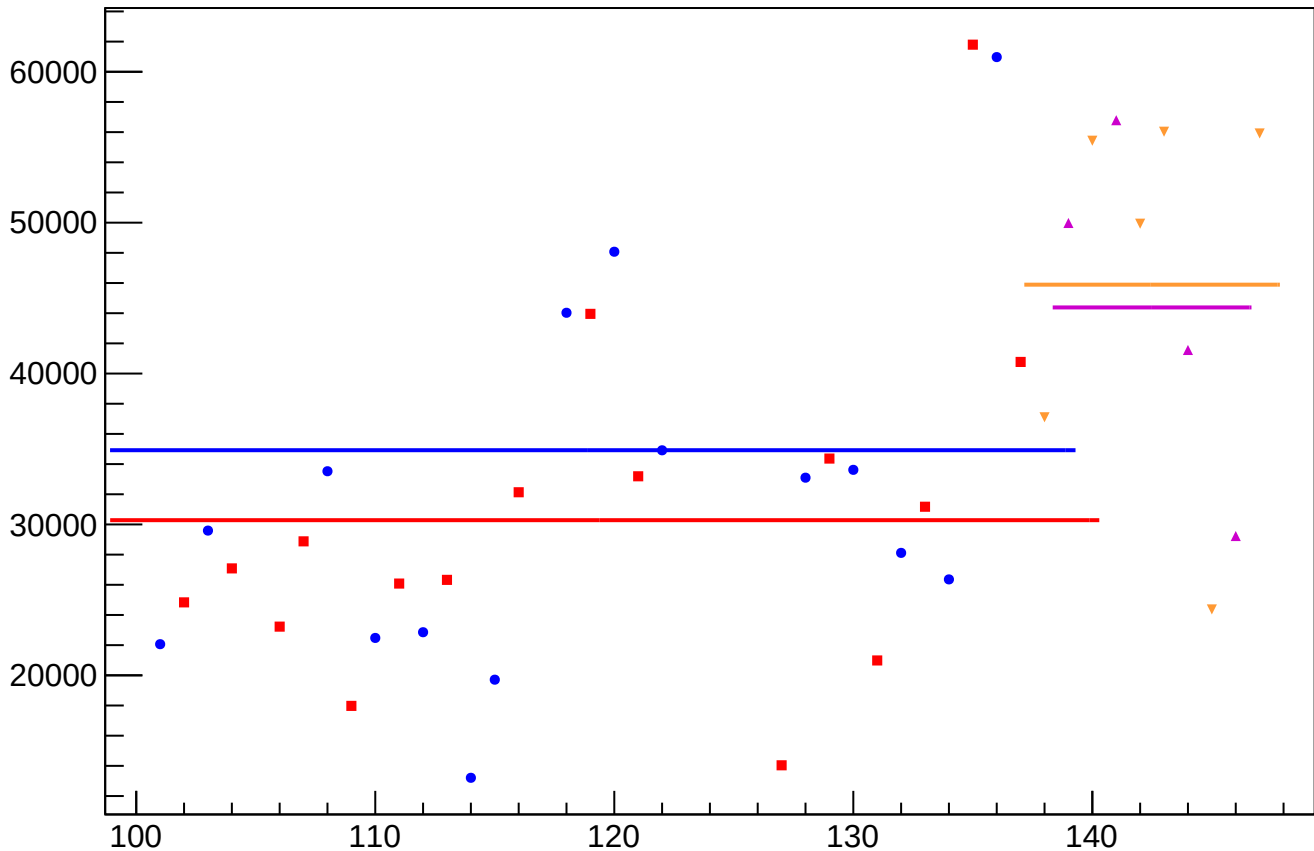
Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

+ sign 1052.300+/-0.000 χ^2/NDF : 37619254751118

All: 1051.466+/-0.000 χ^2/NDF : 10263965063

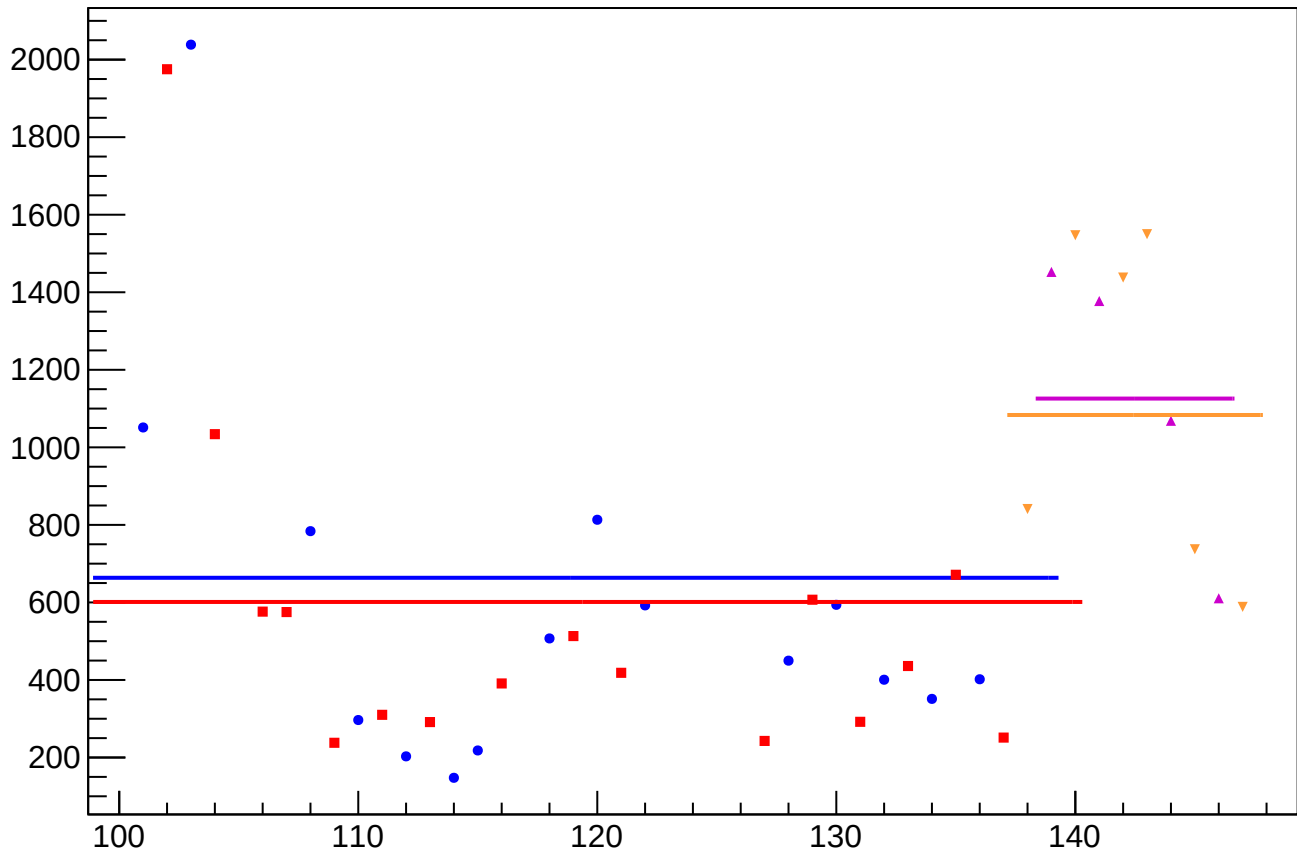
- sign 1050.569+/-0.000 χ^2/NDF : 65018836109581

dit_sam3_coil1_mean vs Slug



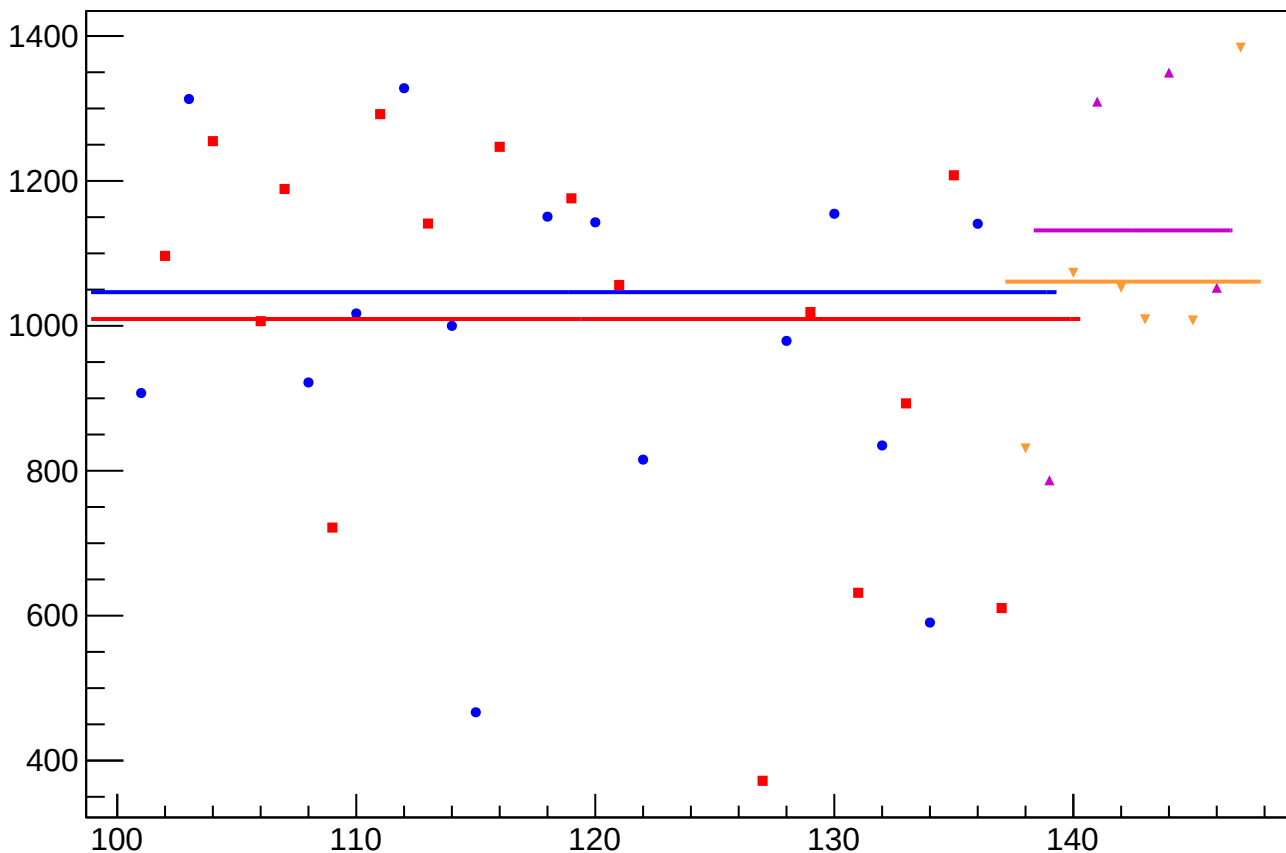
Right In: 34919.716+/-0.000 χ^2/NDF : 106387385440718622155122541848729997017088.0/14
 Left Out: 45890.965+/-0.000 χ^2/NDF : 66482340646993203138547938144291586572288.0/5
 Right Out: 30282.373+/-0.000 χ^2/NDF : 88346165266593126627598951693506073067520.0/15
 Left In: 44381.771+/-0.000 χ^2/NDF : 35382625512844168163102455713923044737024.0/3

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574 $\pm$ 0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14
 Left Out: 1083.436 $\pm$ 0.000 χ^2/NDF : 71384987904717020849771456427416616960.0/5
 Right Out: 601.216 $\pm$ 0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15
 Left In: 1125.805 $\pm$ 0.000 χ^2/NDF : 36341682277159443096143351141120344064.0/3

dit_sam3_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

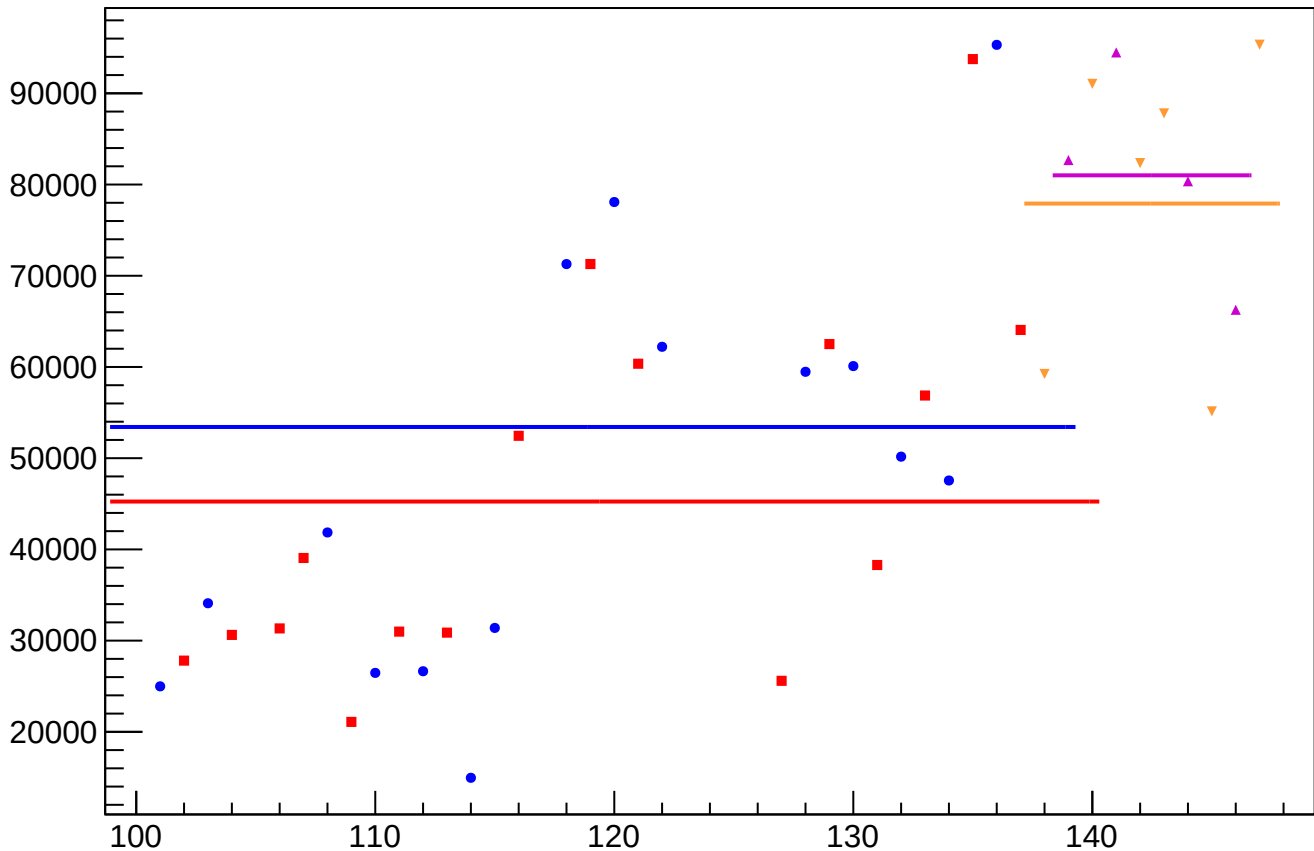
Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

+ sign 1052.300+/-0.000 χ^2/NDF : 37619254751118

All: 1051.466+/-0.000 χ^2/NDF : 10263965063

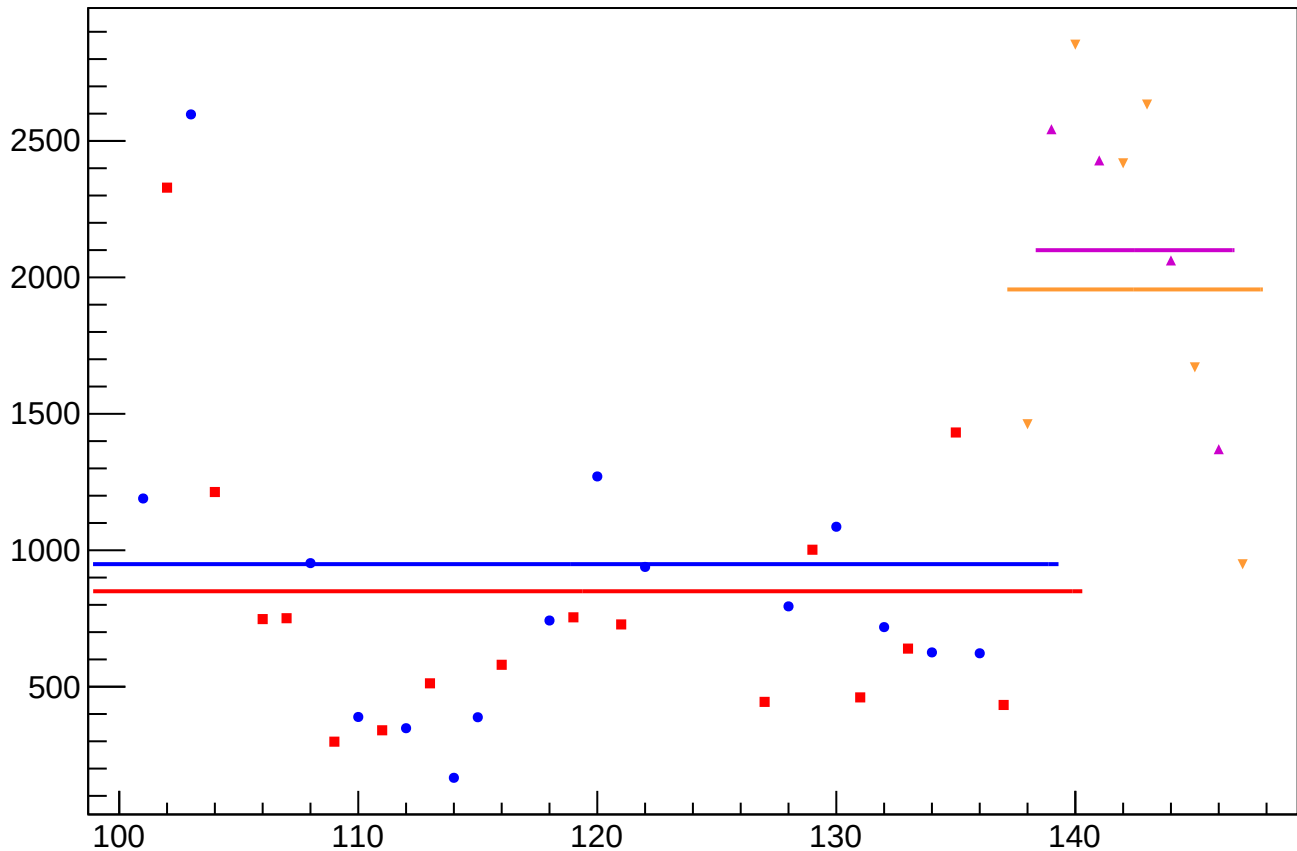
- sign 1050.569+/-0.000 χ^2/NDF : 65018836109581

dit_sam4_coil1_mean vs Slug



Right In: 53422.452+/-0.000 χ^2/NDF : 360635757315133800133751123167777346551808.0/14
 Left Out: 77913.650+/-0.000 χ^2/NDF : 114495297924086223149211540785191756759040.0/5
 Right Out: 45247.617+/-0.000 χ^2/NDF : 286060196488034430215784613374055547928576.0/15
 Left In: 81009.011+/-0.000 χ^2/NDF : 33728193747894114609627400453884951396352.0/3

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197 $\pm$ 0.000 χ^2 /NDF: 225691032183153732733308094067658194944.0/14

Left Out: 1955.819 $\pm$ 0.000 χ^2 /NDF: 211306370346989261060543024722861883392.0/5

Right Out: 849.827 $\pm$ 0.000 χ^2 /NDF: 204622224261577247702227312745197338624.0/15

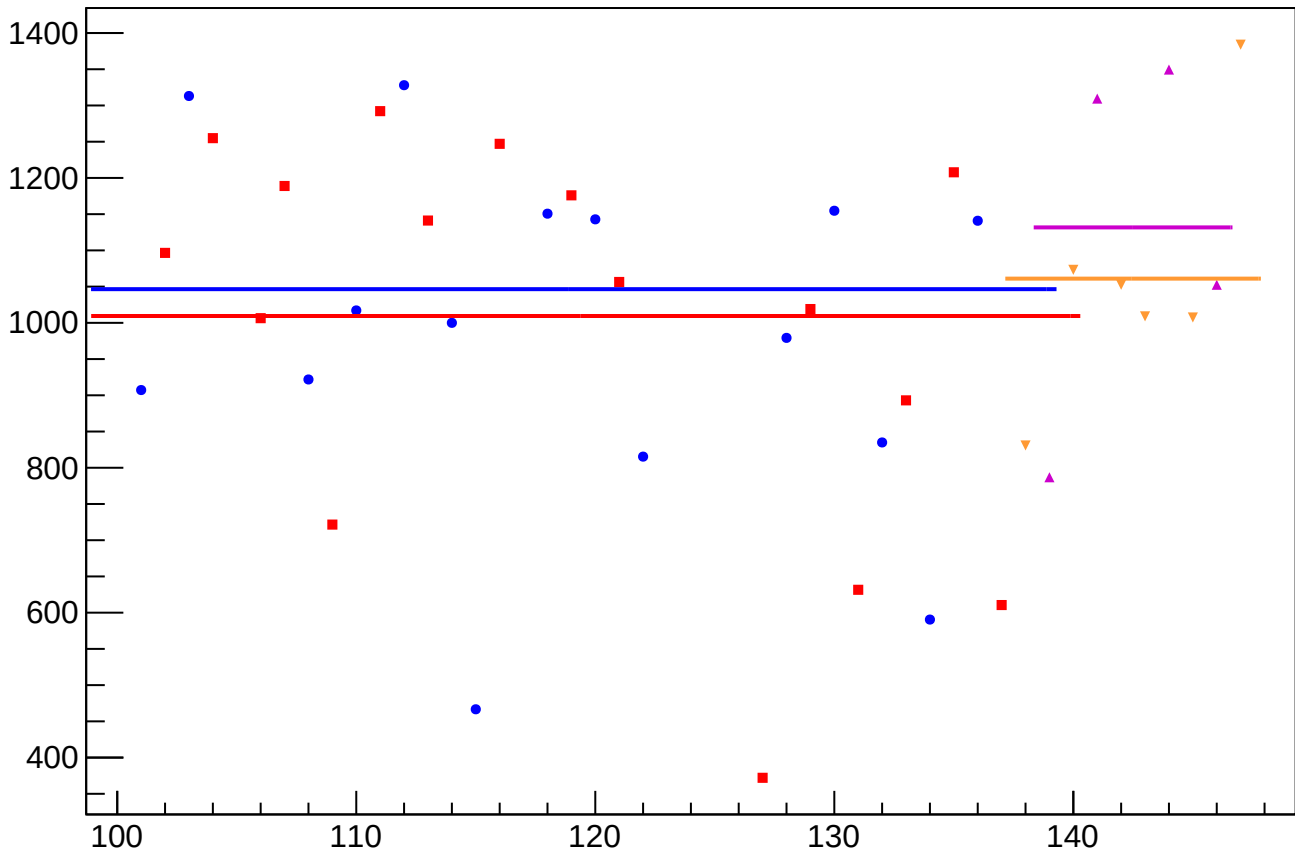
Left In: 2099.708 $\pm$ 0.000 χ^2 /NDF: 69387092688820614202469501591575592960.0/3

+ sign 1351.473 $\pm$ 0.000 χ^2 /NDF: 69980341186876

All: 1312.310 $\pm$ 0.000 χ^2 /NDF: 13276944896

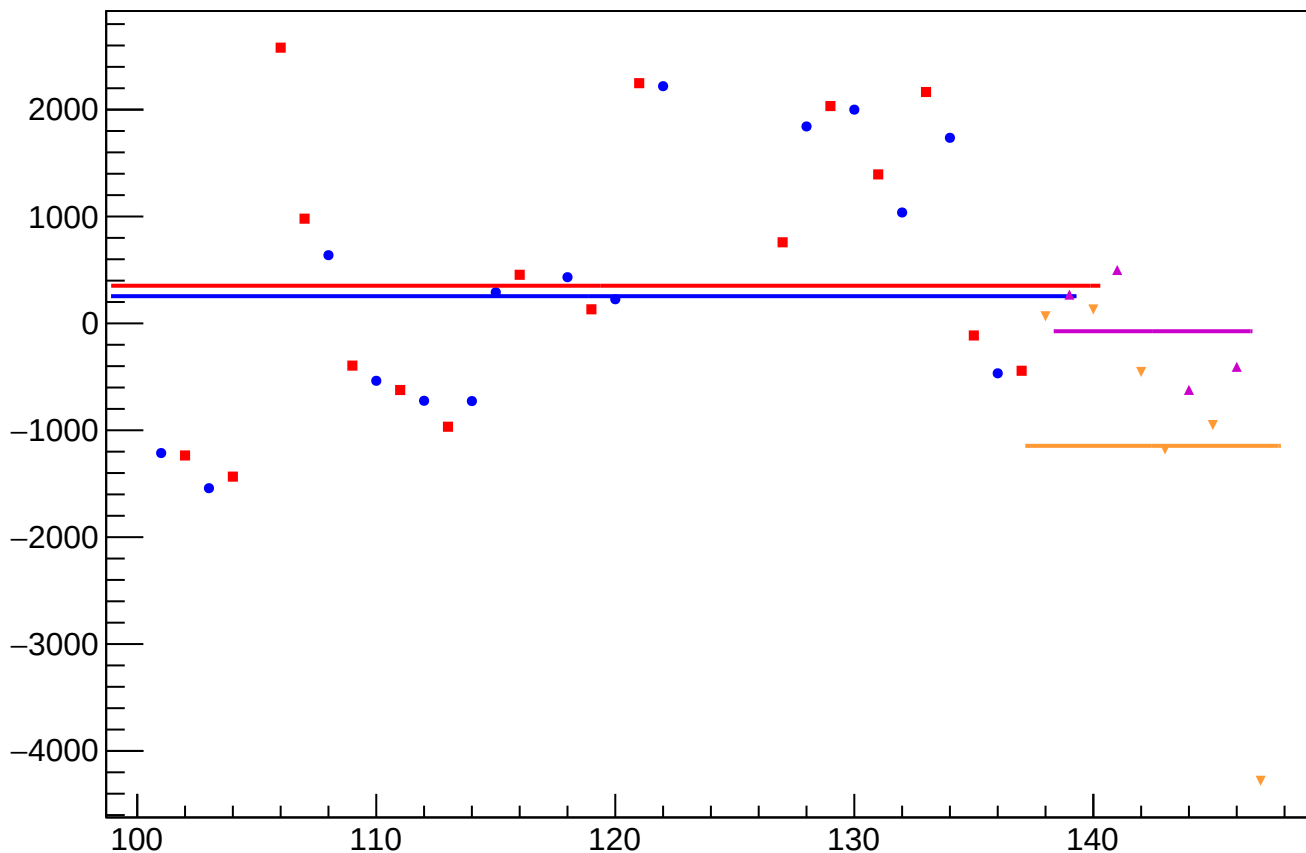
- sign 1270.185 $\pm$ 0.000 χ^2 /NDF: 62444968034919

dit_sam4_coil1_Ndata_mean vs Slug



Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028 +/- 0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: 1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1131.722 +/- 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 1051.466 +/- 0.000 χ^2/NDF : 10263965063
 + sign 1052.300 +/- 0.000 χ^2/NDF : 37619254751118
 - sign 1050.569 +/- 0.000 χ^2/NDF : 65018836109581

dit_sam5_coil1_mean vs Slug



Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

+ sign -304.937+/-0.000 χ^2/NDF : 25260032401767

Left Out: -1145.504+/-0.000 χ^2/NDF : 1039195807430281119645869378619719024640.0/5

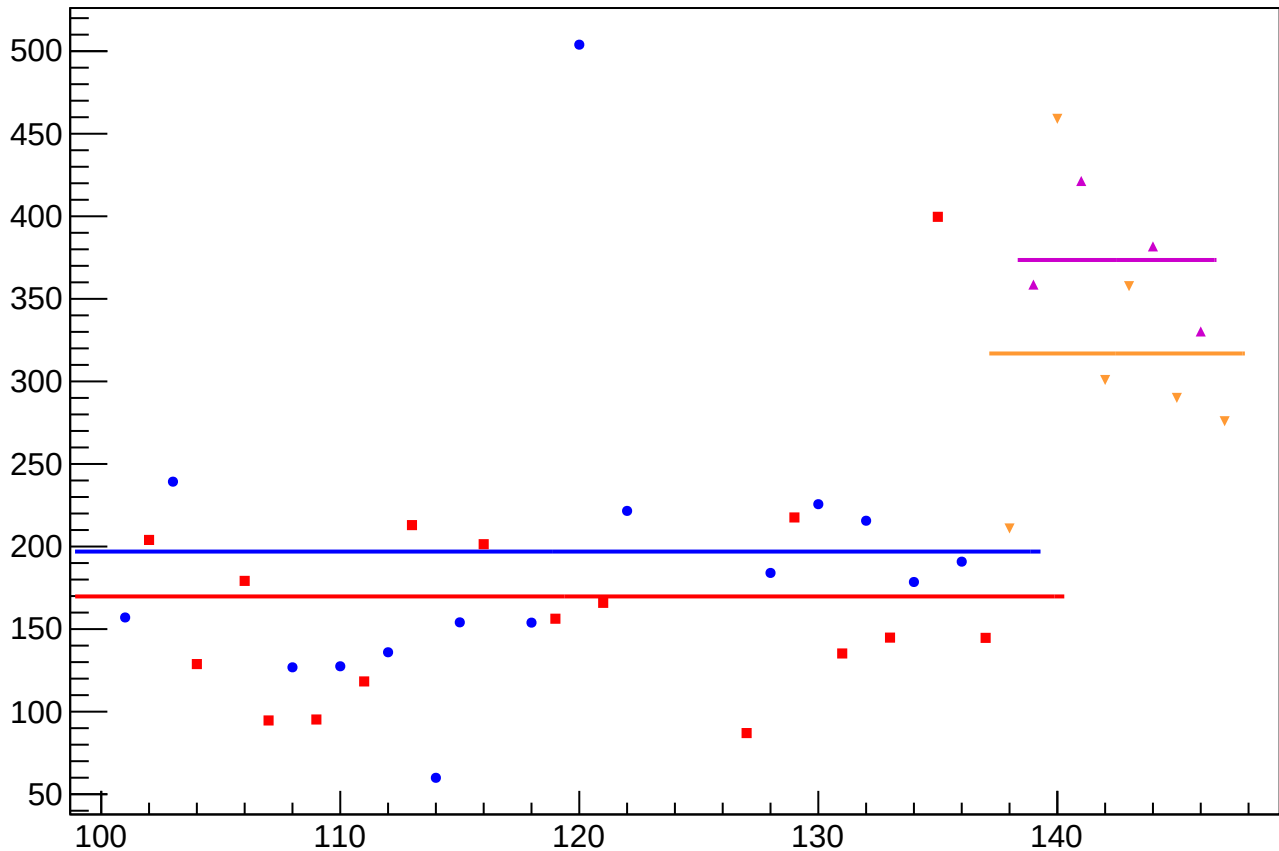
All: -57.251+/-0.000 χ^2/NDF : 387849299021

Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

- sign 209.166+/-0.000 χ^2/NDF : 121483941607755

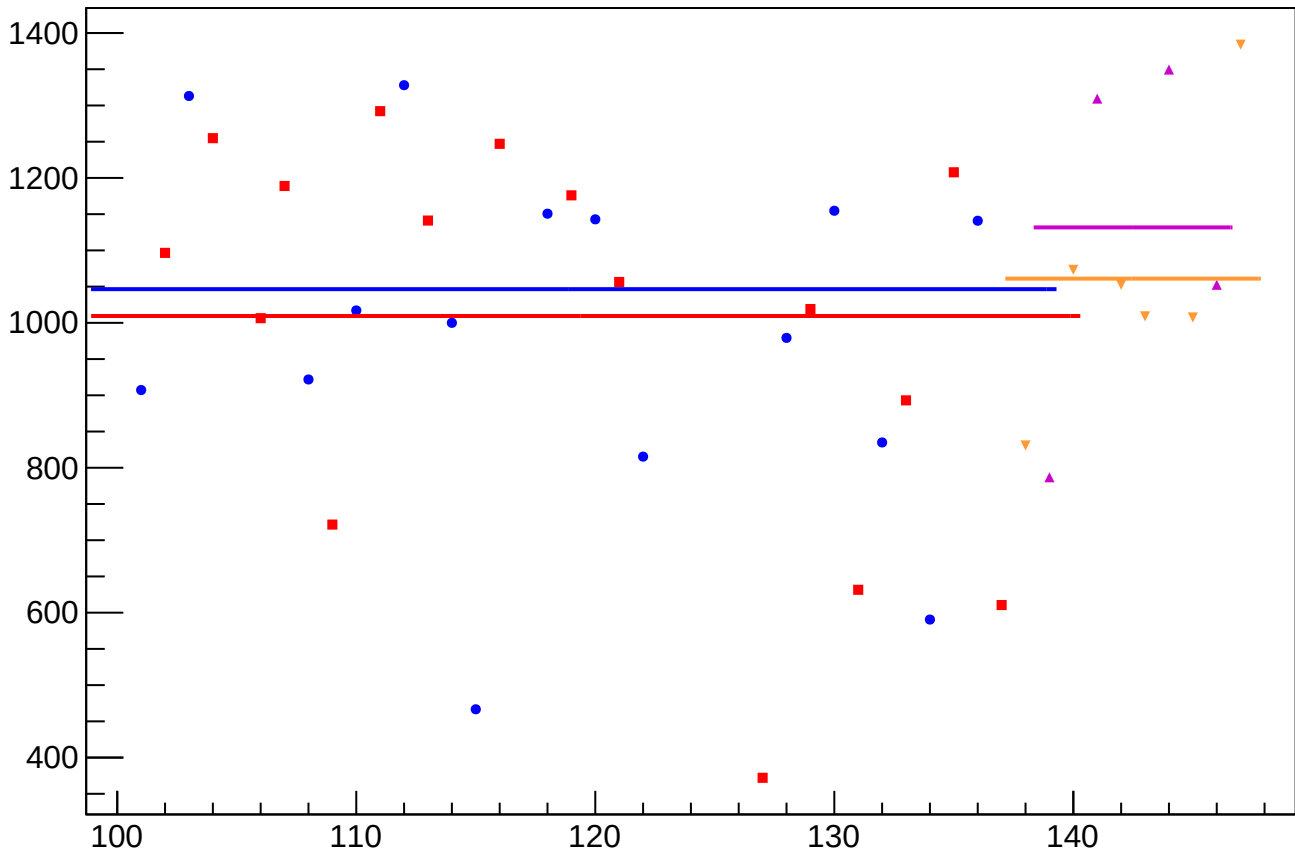
Left In: -73.306+/-0.000 χ^2/NDF : 73390113563591340723274165524023476224.0/3

dit_sam5_coil1_err_mean vs Slug



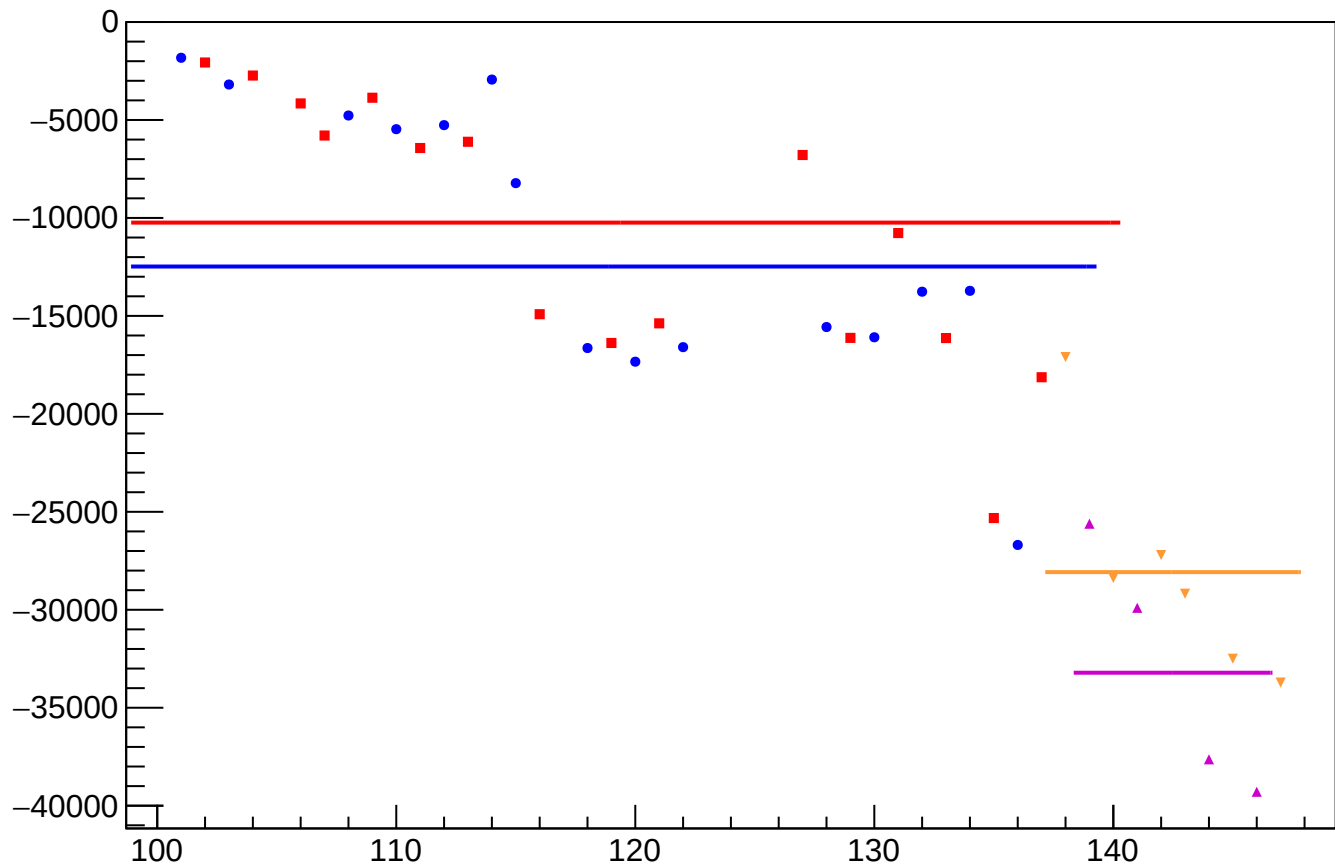
Right In: 196.955+/-0.000	χ^2/NDF : 4485245160329657914621372425838788608.0/14	+ sign 244.895+/-0.000	χ^2/NDF : 110625717702695
Left Out: 316.915+/-0.000	χ^2/NDF : 2845049244271851815600737660809773056.0/5	All: 241.721+/-0.000	χ^2/NDF : 246656012814
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- sign 238.307+/-0.000	χ^2/NDF : 135804286994960
Left In: 373.541+/-0.000	χ^2/NDF : 374030755682813453781603191487463424.0/3		

dit_sam5_coil1_Ndata_mean vs Slug



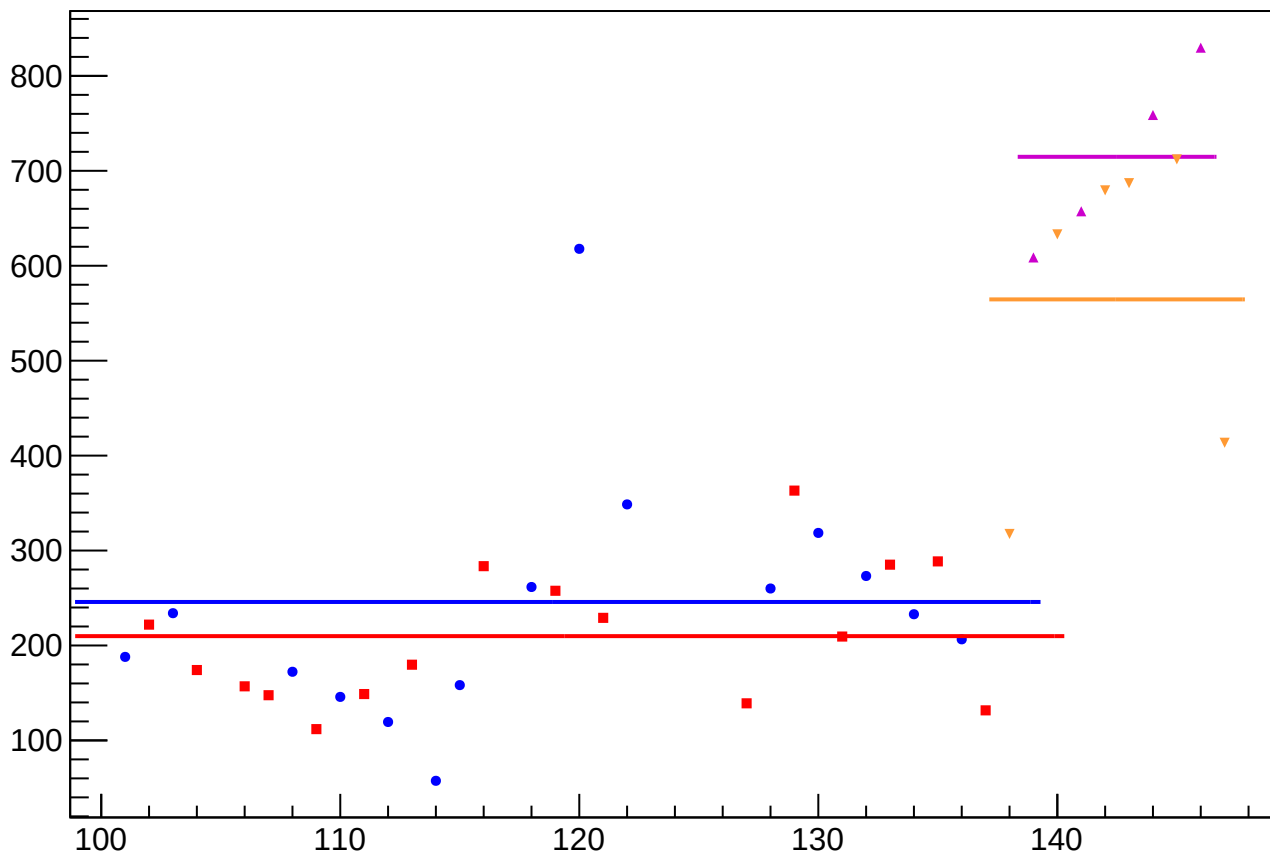
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

dit_sam6_coil1_mean vs Slug



Right In: -12479.653+/-0.000 χ^2/NDF : 41178633231253805317353333973475271901184.0/14
 Left Out: -28077.653+/-0.000 χ^2/NDF : 13580280008839372219967951208610202124288.0/5
 Right Out: -10238.098+/-0.000 χ^2/NDF : 31227861126159534031961501923223718068224.0/15
 Left In: -33212.315+/-0.000 χ^2/NDF : 10421070678034966459363421393628046557184.0/3

dit_sam6_coil1_err_mean vs Slug



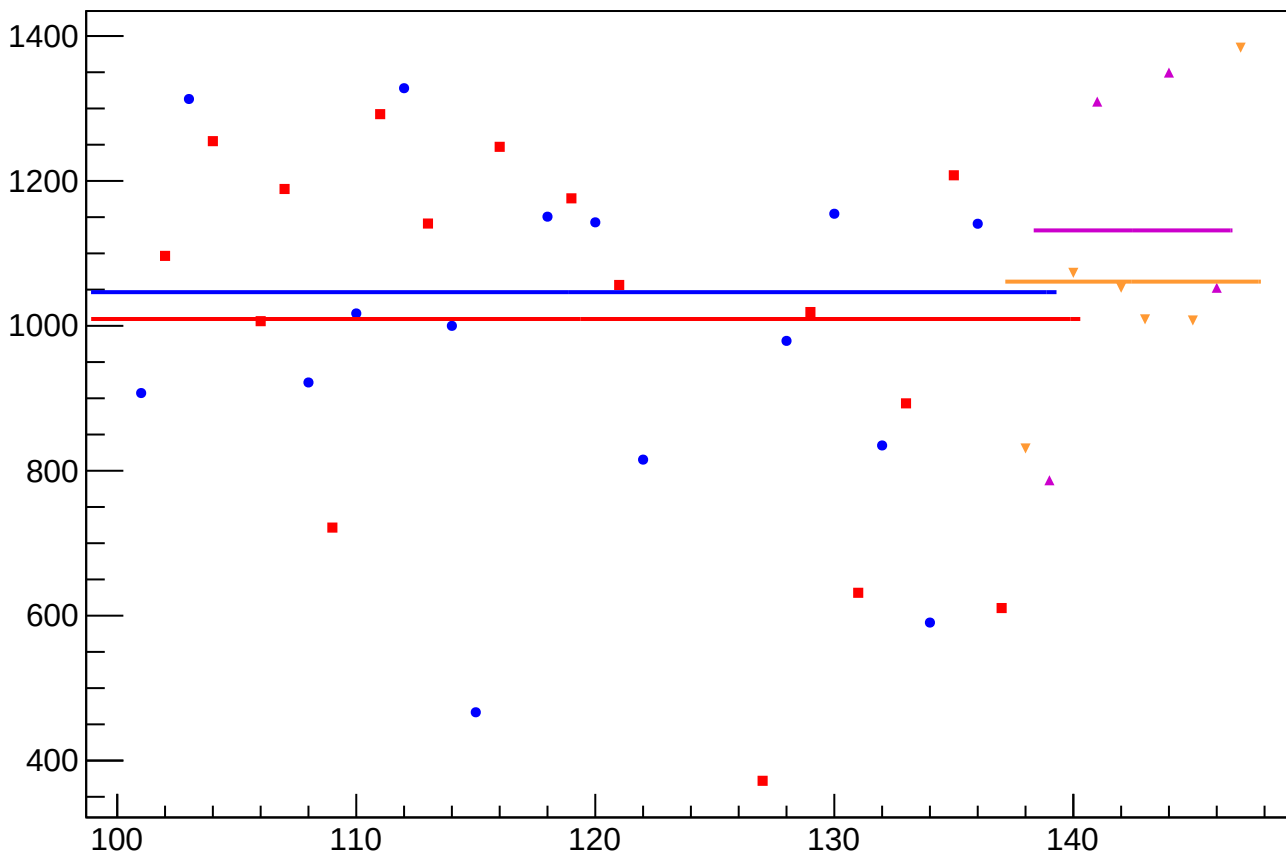
Right In: 245.832+/-0.000 χ^2/NDF : 7828269009300013139414476154059358208.0/14

Left Out: 564.558+/-0.000 χ^2/NDF : 10297815122170756744801188546007269376.0/5

Right Out: 209.844+/-0.000 χ^2/NDF : 3128489258838765241921217786024034304.0/15

Left In: 714.756+/-0.000 χ^2/NDF : 2459861685620115659191270231618093056.0/3

dit_sam6_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

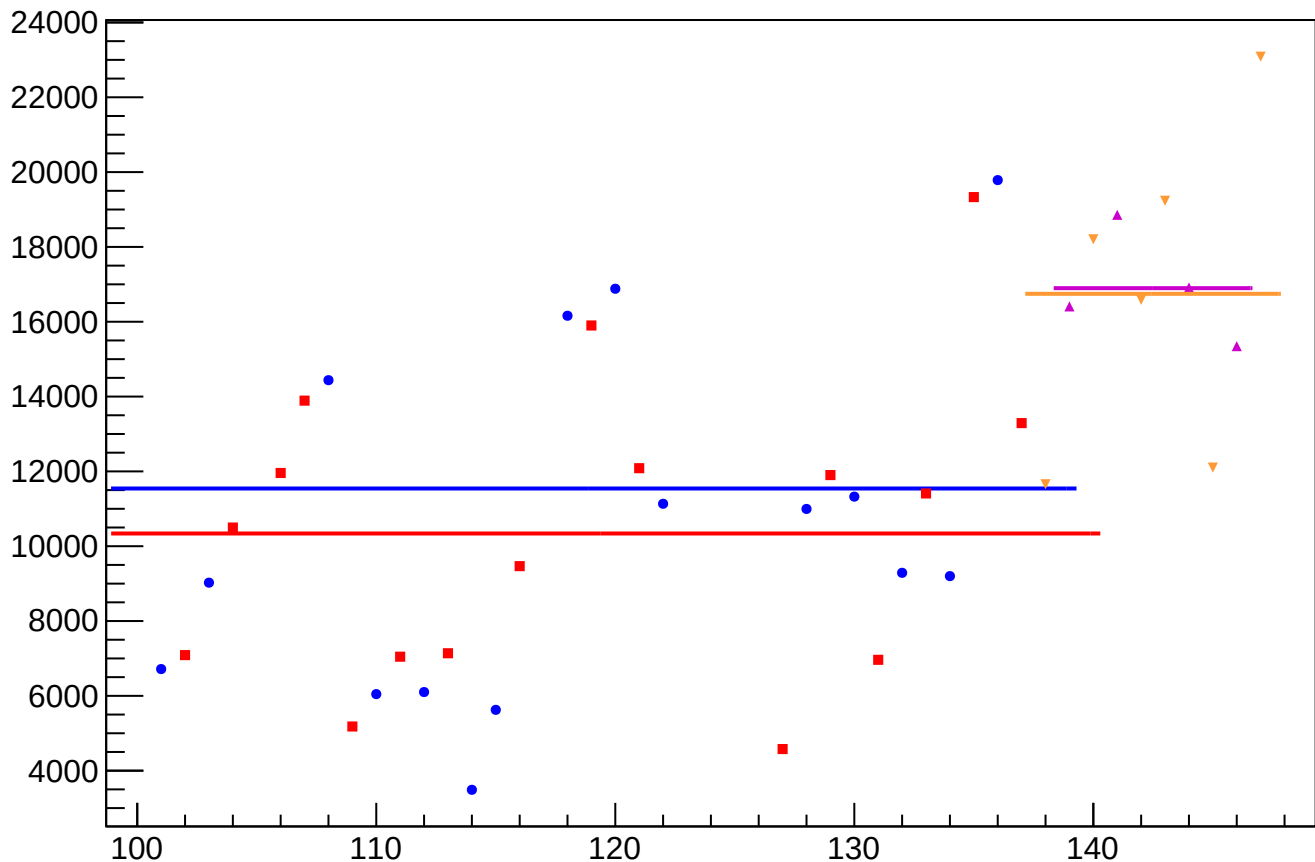
Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1131.722+/-0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3

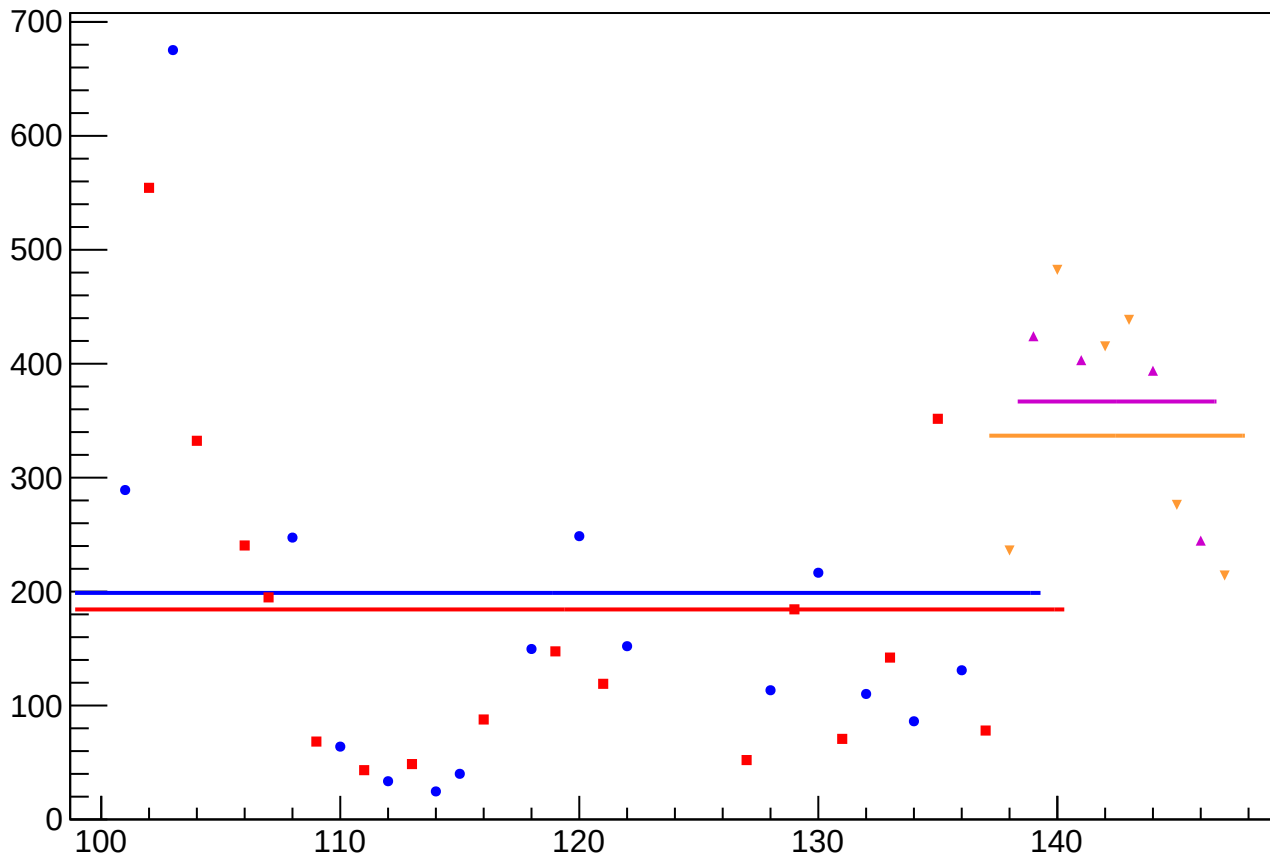
All: 1051.466+/-0.000 χ^2/NDF : 10263965063

dit_sam7_coil1_mean vs Slug



Right In: 11542.759+/-0.000 χ^2/NDF : 14233543123238566357226766219014687424512.0/14
 Left Out: 16746.562+/-0.000 χ^2/NDF : 7493093610371258149196772913150374707200.0/5
 Right Out: 10339.969+/-0.000 χ^2/NDF : 11260833863406751645923420062982418202624.0/15
 Left In: 16897.791+/-0.000 χ^2/NDF : 545469317769551317748017360397609730048.0/3

dit_sam7_coil1_err_mean vs Slug



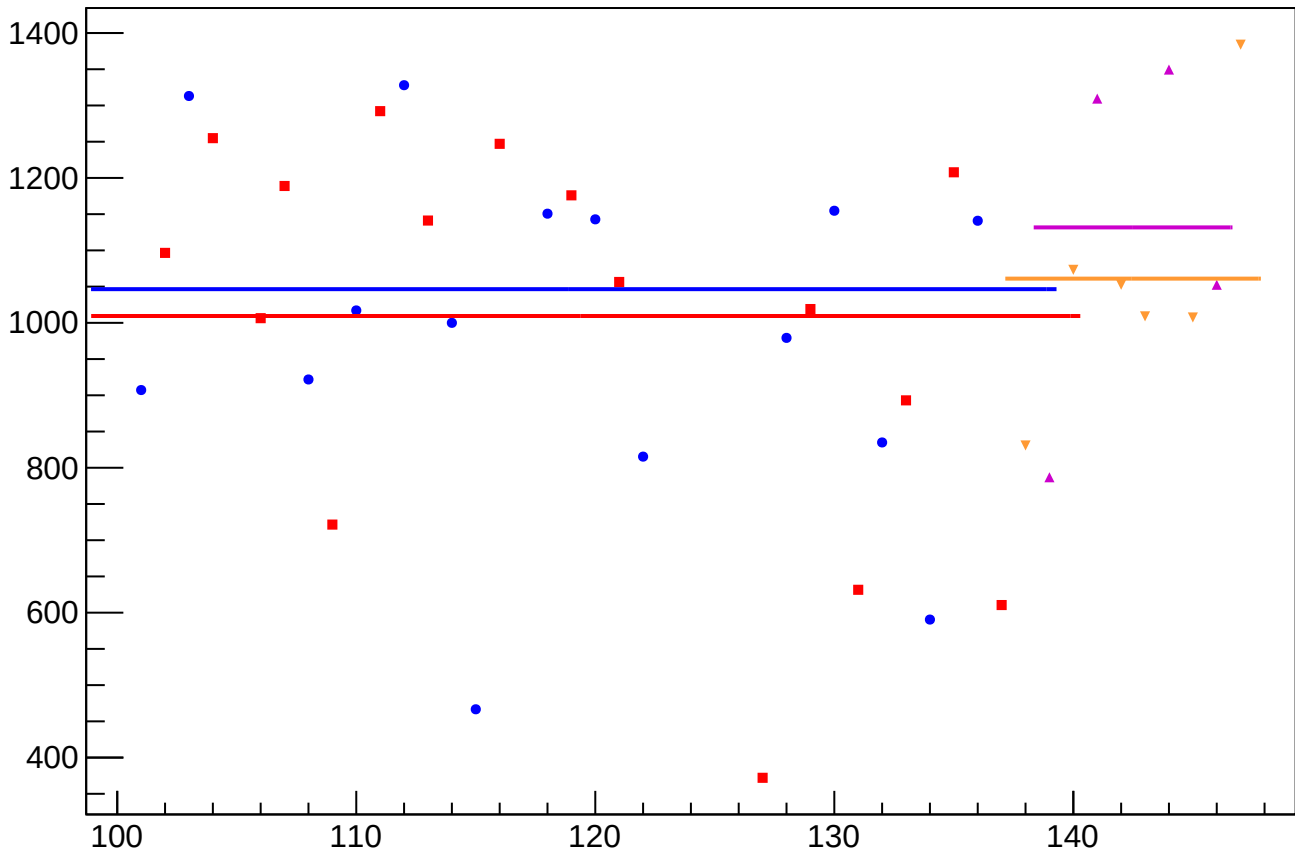
Right In: 198.850+/-0.000 χ^2/NDF : 18333995109503438037075916944440295424.0/14

Left Out: 336.854+/-0.000 χ^2/NDF : 4977946548384884141799195331453255680.0/5

Right Out: 184.328+/-0.000 χ^2/NDF : 14927434931395588601024961538372403200.0/15

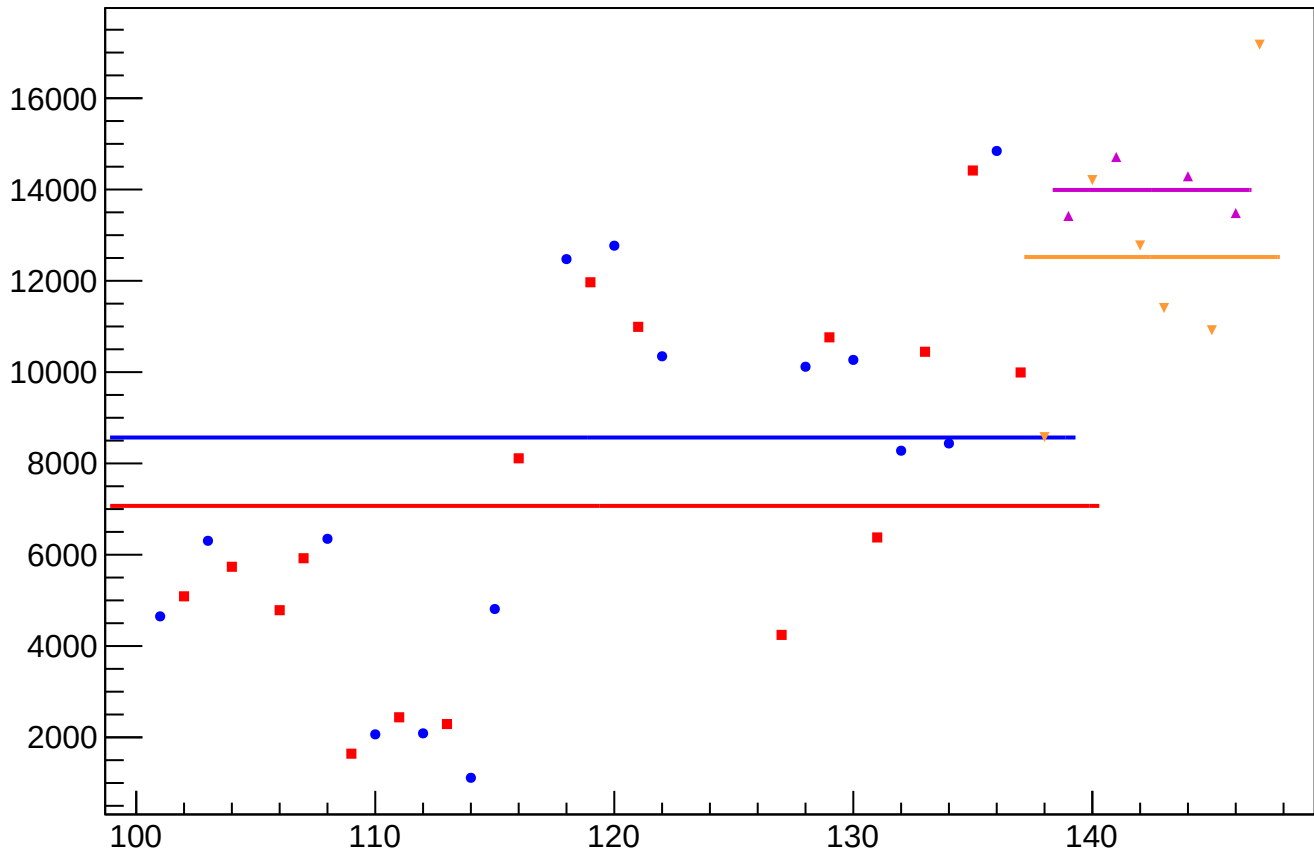
Left In: 366.840+/-0.000 χ^2/NDF : 1680438696314560677583273977515606016.0/3

dit_sam7_coil1_Ndata_mean vs Slug



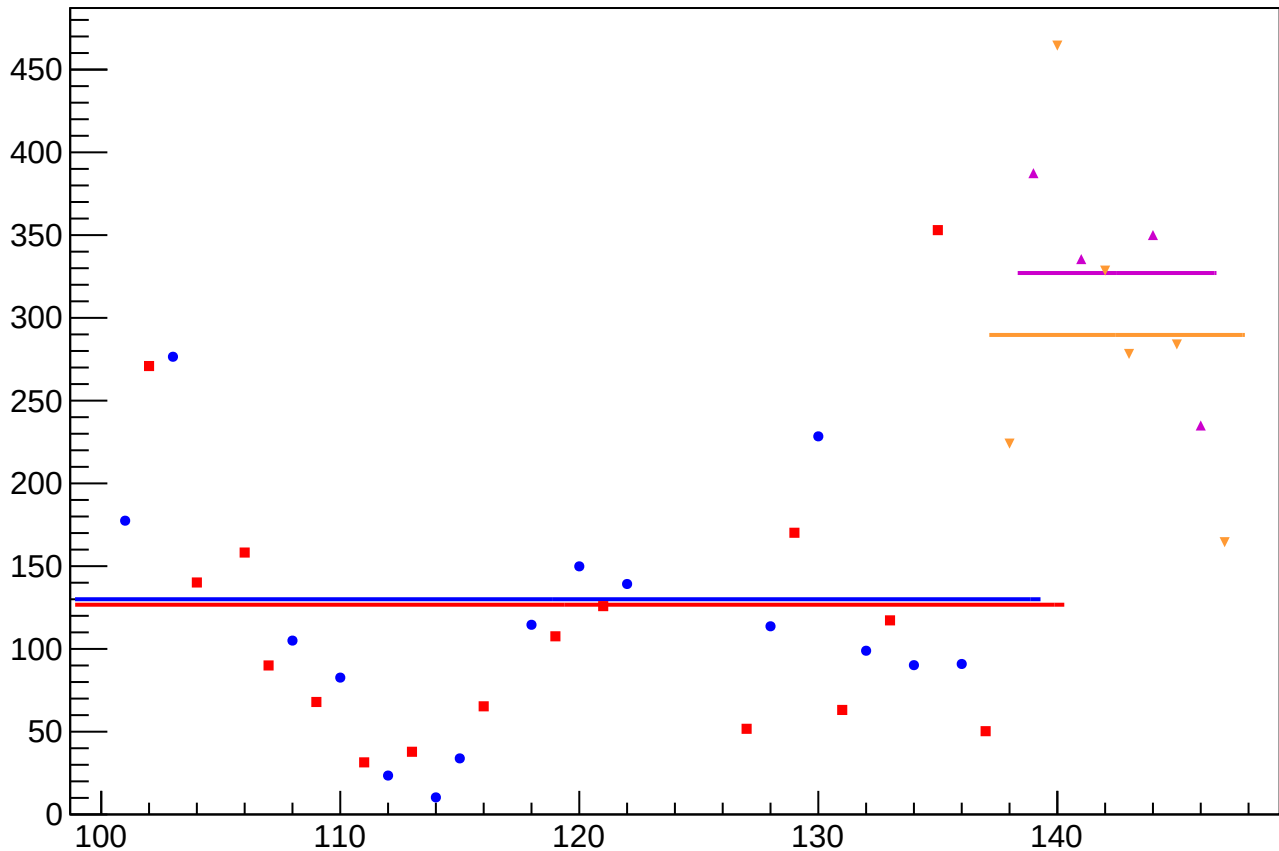
Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028 +/- 0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: 1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1131.722 +/- 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 1051.466 +/- 0.000 χ^2/NDF : 10263965063
 + sign 1052.300 +/- 0.000 χ^2/NDF : 37619254751118
 - sign 1050.569 +/- 0.000 χ^2/NDF : 65018836109581

dit_sam8_coil1_mean vs Slug



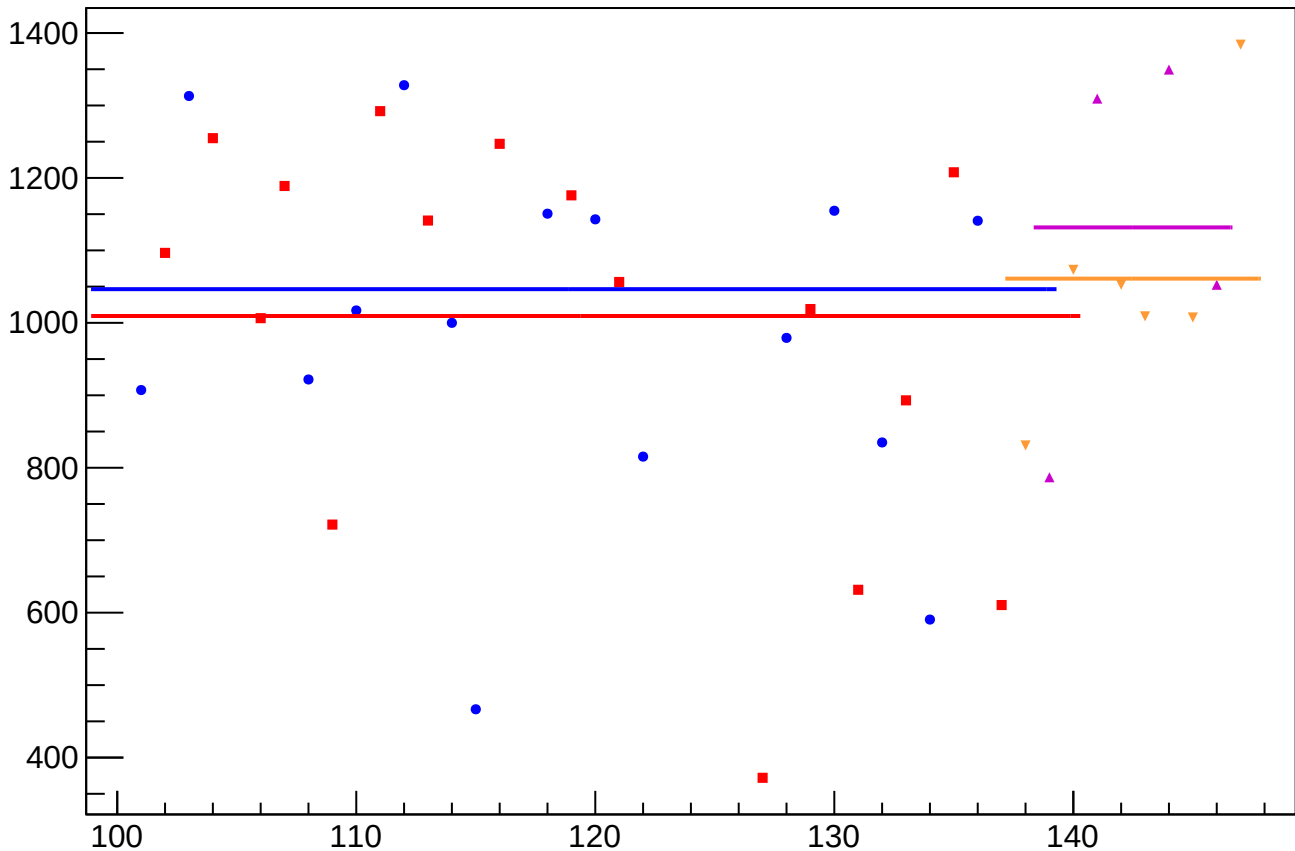
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 12521.564+/-0.000 χ^2/NDF : 3430171517625916286825649436314465992704.0/5
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 13990.367+/-0.000 χ^2/NDF : 99814819082525291266232825073708826624.0/3

dit_sam8_coil1_err_mean vs Slug



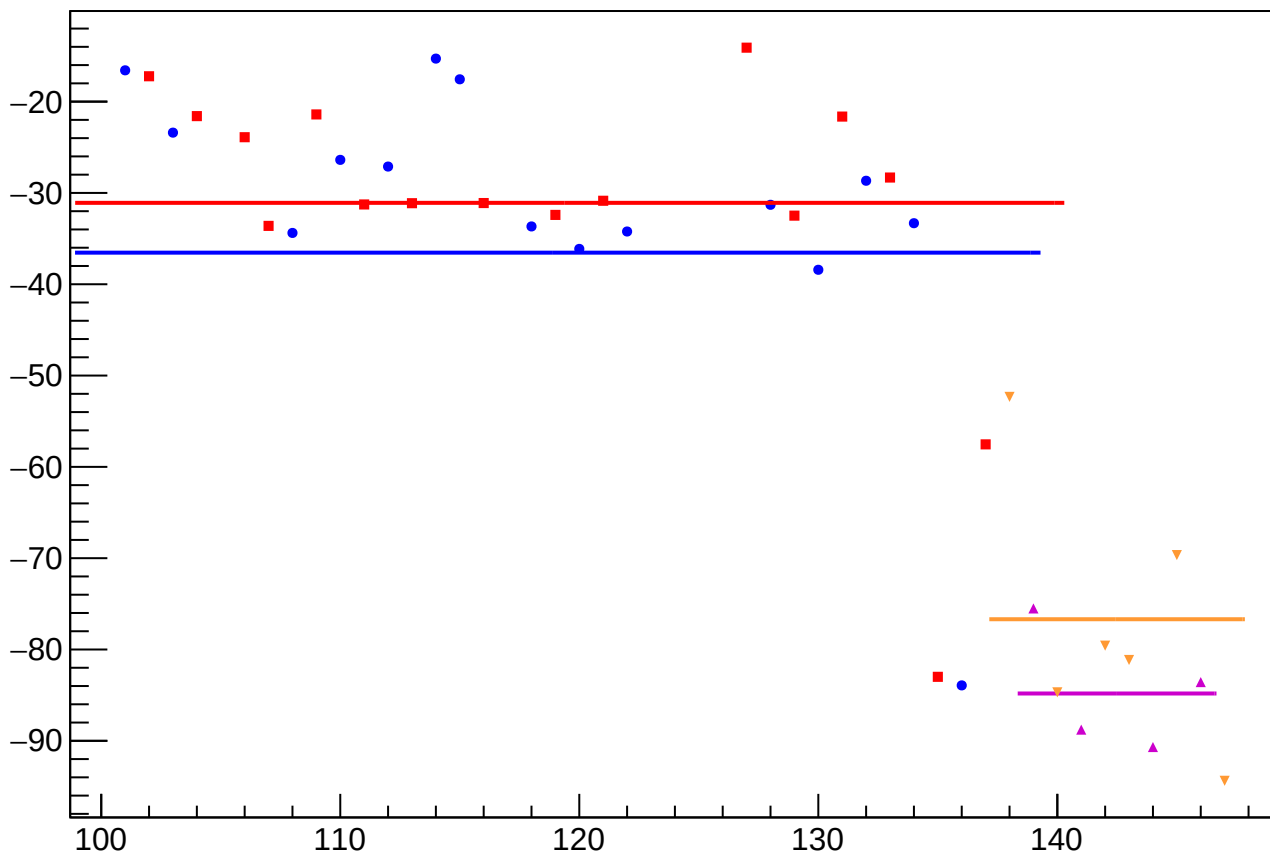
Right In: 130.021+/-0.000 χ^2/NDF : 3115259987552341725946418665378283520.0/14
 Left Out: 289.685+/-0.000 χ^2/NDF : 4145396651970944202045425283437166592.0/5
 Right Out: 126.709+/-0.000 χ^2/NDF : 5397122581297664561308621600668516352.0/15
 Left In: 327.097+/-0.000 χ^2/NDF : 1051855985123974069372214167098884096.0/3

dit_sam8_coil1_Ndata_mean vs Slug



Right In: 1046.490 +/- 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028 +/- 0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: 1009.445 +/- 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1131.722 +/- 0.000 χ^2/NDF : 17062050594684537989489620676895571968.0/3
 All: 1051.466 +/- 0.000 χ^2/NDF : 10263965063
 + sign: 1052.300 +/- 0.000 χ^2/NDF : 37619254751118
 - sign: 1050.569 +/- 0.000 χ^2/NDF : 65018836109581

dit_4aX_coil3_mean vs Slug



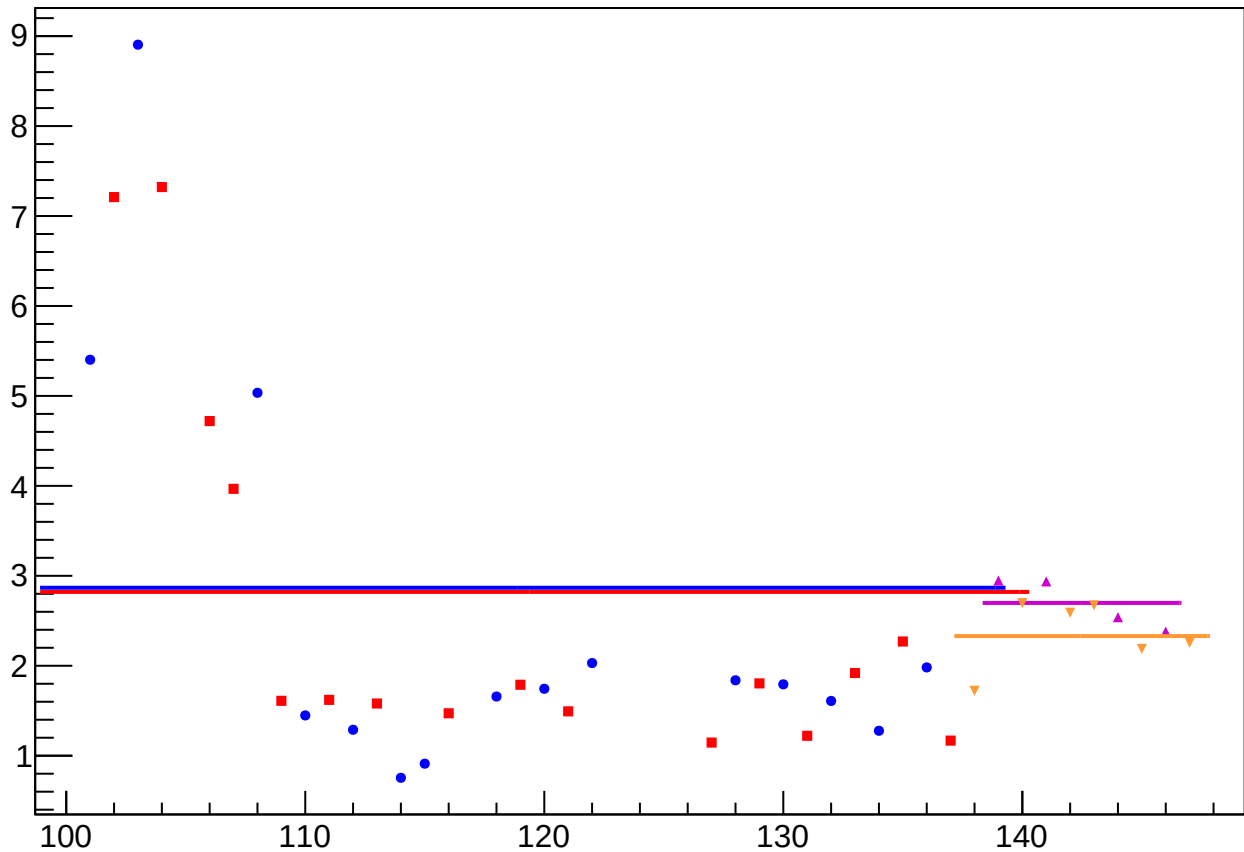
Right In: -36.540+/-0.000 χ^2/NDF : 254351867861444609202637633864335360.0/14

Left Out: -76.685+/-0.000 χ^2/NDF : 81641503453680185095777043555024896.0/5

Right Out: -31.085+/-0.000 χ^2/NDF : 181291079119381636178408498876383232.0/15

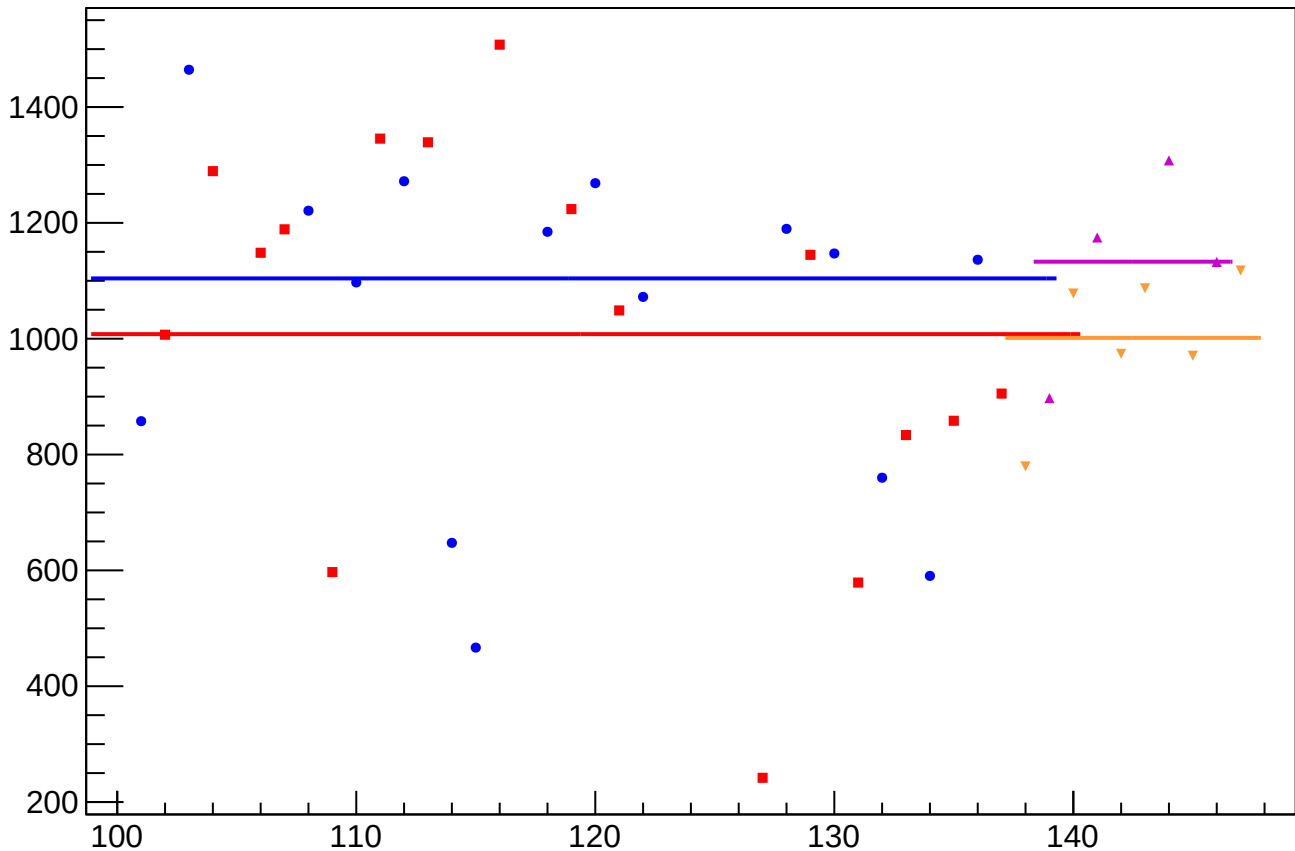
Left In: -84.818+/-0.000 χ^2/NDF : 11547022211710462259276885300084736.0/3

dit_4aX_coil3_err_mean vs Slug



Right In: 2.867 $\pm$ 0.000 χ^2 /NDF: 3455499087584693564208174061322240.0/14
 Left Out: 2.330 $\pm$ 0.000 χ^2 /NDF: 52837044225995223303409354407936.0/5
 Right Out: 2.821 $\pm$ 0.000 χ^2 /NDF: 3052948718107902490497172912472064.0/15
 Left In: 2.699 $\pm$ 0.000 χ^2 /NDF: 20542384759073816336172717178880.0/3

dit_4aX_coil3_Ndata_mean vs Slug



Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

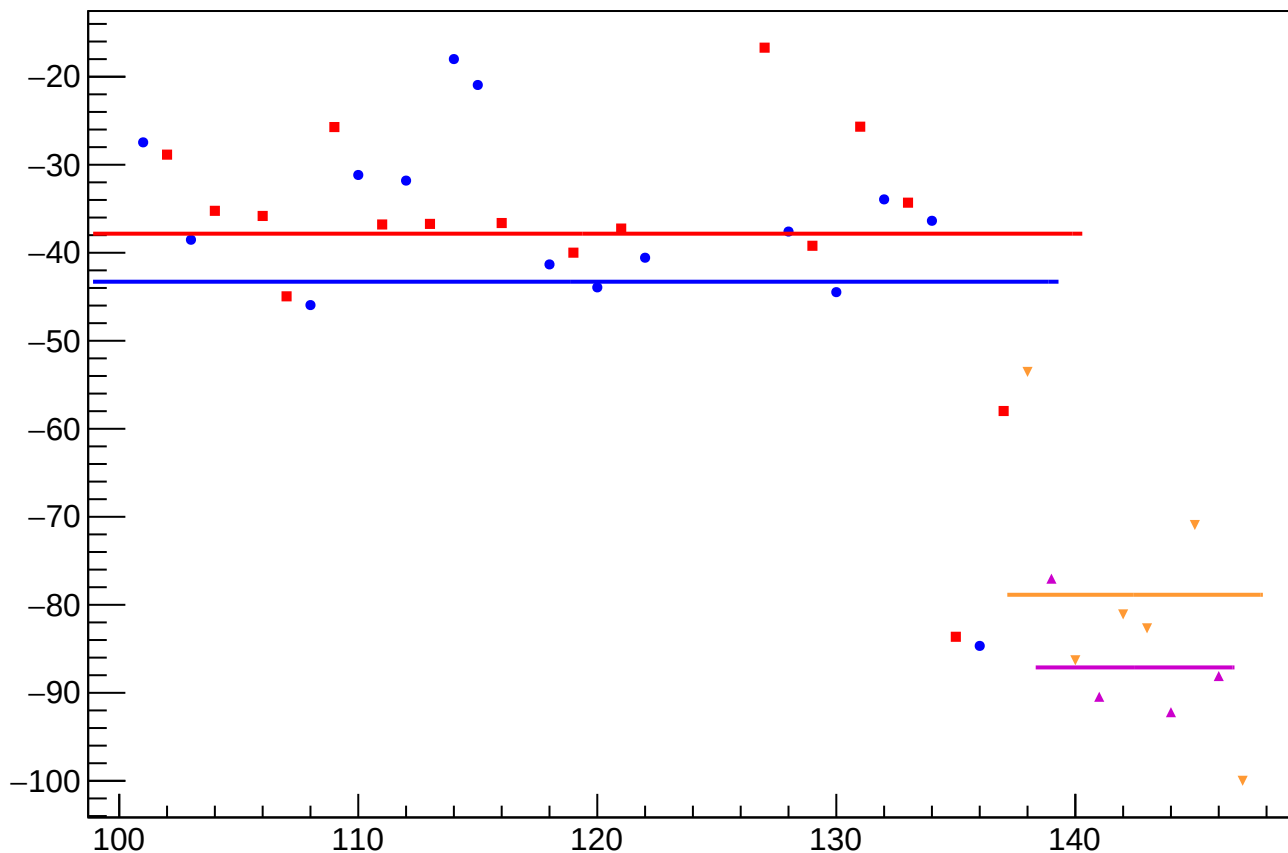
Left Out: 1001.465 ± 0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1132.976 ± 0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

All: 1056.769 ± 0.000 χ^2/NDF : 12149444202.0/38

dit_4eX_coil3_mean vs Slug



Right In: -43.289+/-0.000 χ^2/NDF : 199342736778845281087197523996573696.0/14

Left Out: -78.859+/-0.000 χ^2/NDF : 95688322620582423150662704892477440.0/5

Right Out: -37.832+/-0.000 χ^2/NDF : 148683933977204936634636843897323520.0/15

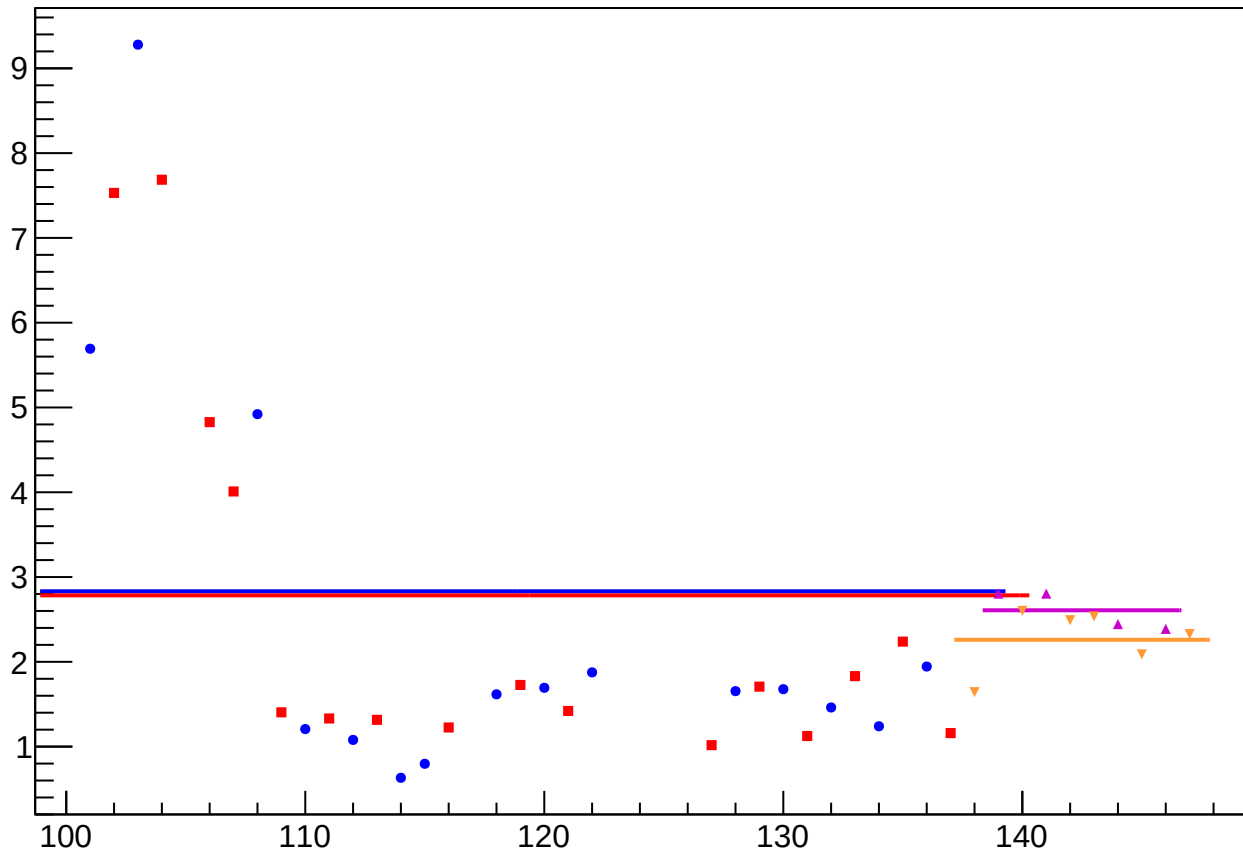
Left In: -87.114+/-0.000 χ^2/NDF : 11564417005236371420261785972768768.0/3

+ sign -57.504+/-0.000 χ^2/NDF : 623178831114463

All: -56.012+/-0.000 χ^2/NDF : 133323771183

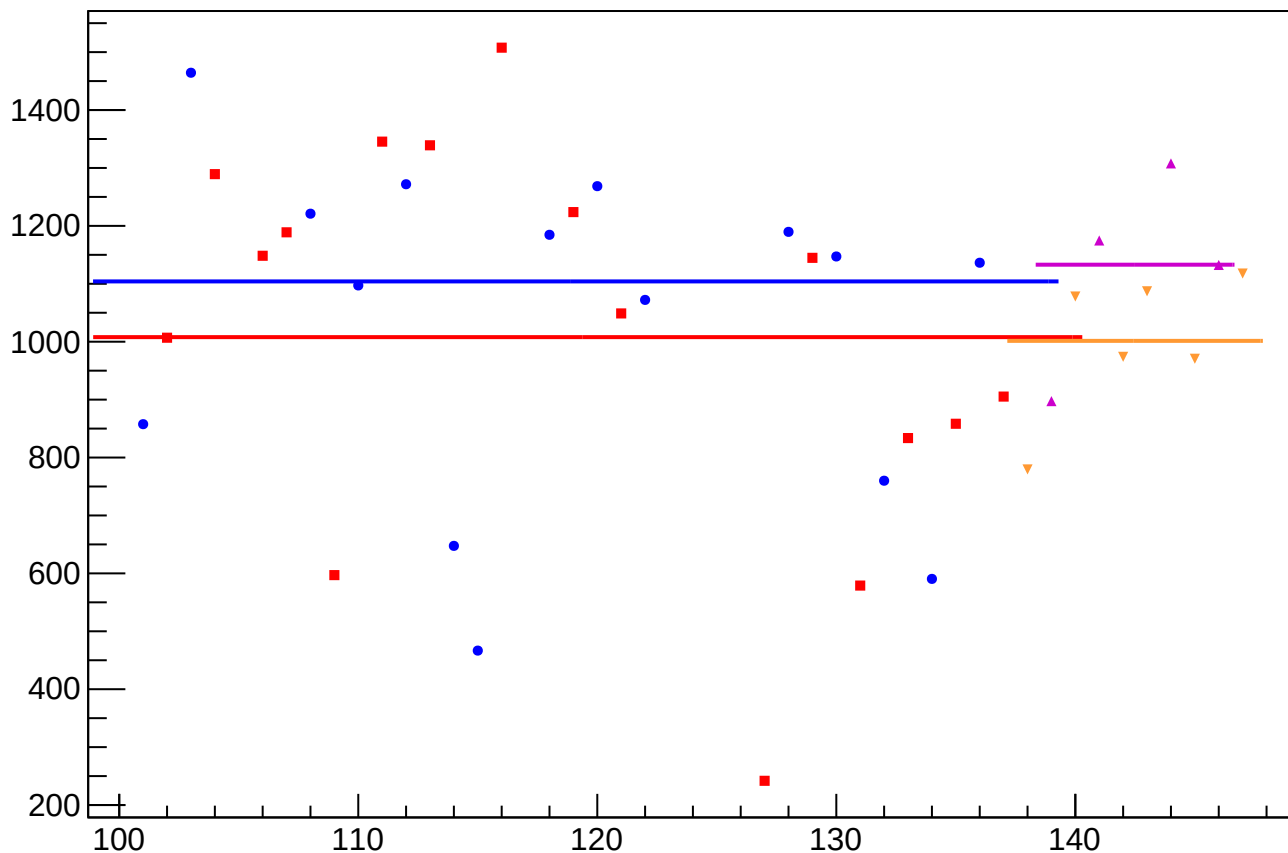
- sign -54.407+/-0.000 χ^2/NDF : 7050615737994194

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 ± 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.260 ± 0.000 χ^2/NDF : 49628056003734269701792133545984.0/5
 Right Out: 2.784 ± 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.608 ± 0.000 χ^2/NDF : 12783658125096185640405543419904.0/3

dit_4eX_coil3_Ndata_mean vs Slug



Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1001.465 ± 0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

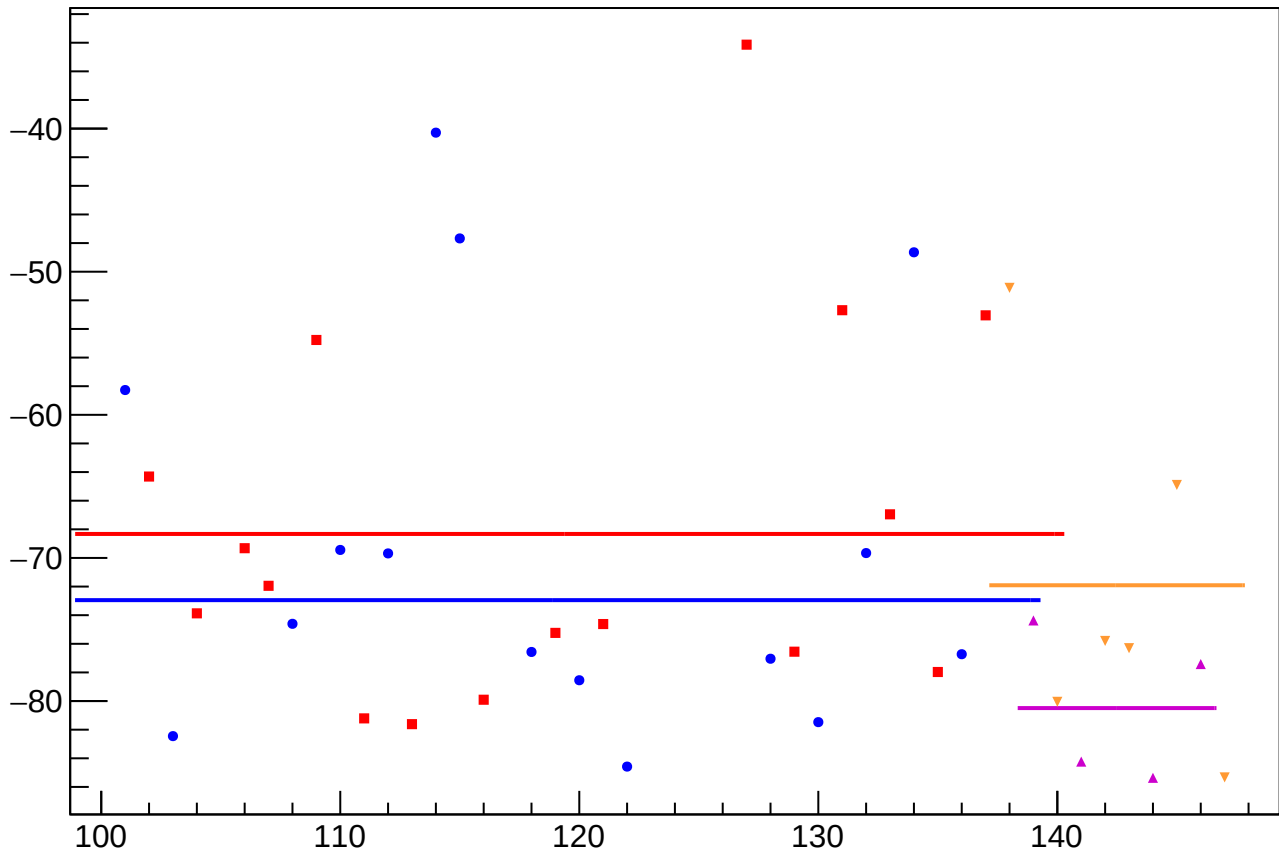
Left In: 1132.976 ± 0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

+ sign 1063.091 ± 0.000 χ^2/NDF : 41452248914920

All: 1056.769 ± 0.000 χ^2/NDF : 12149444202

- sign 1049.969 ± 0.000 χ^2/NDF : 79952523638961

dit_11X12X_coil3_mean vs Slug



Right In: -72.949+/-0.000 χ^2/NDF : 65755428464857980306879126291087360.0/14

+ sign -72.533+/-0.000 χ^2/NDF : 125190006657452

Left Out: -71.909+/-0.000 χ^2/NDF : 59153964469085335830834095406972928.0/5

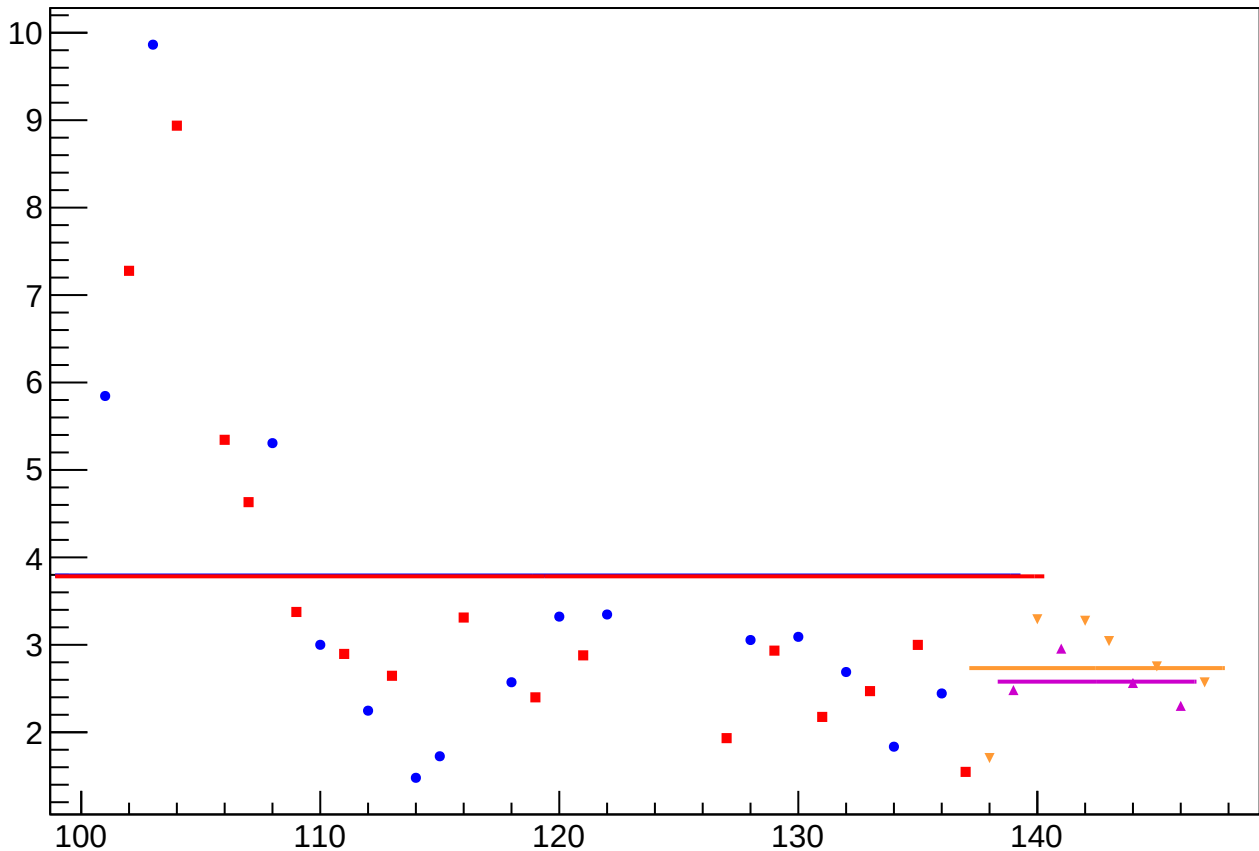
All: -72.477+/-0.000 χ^2/NDF : 272224160455

Right Out: -68.324+/-0.000 χ^2/NDF : 106694344898202364483367131372584960.0/15

- sign -72.416+/-0.000 χ^2/NDF : 1470269446372546

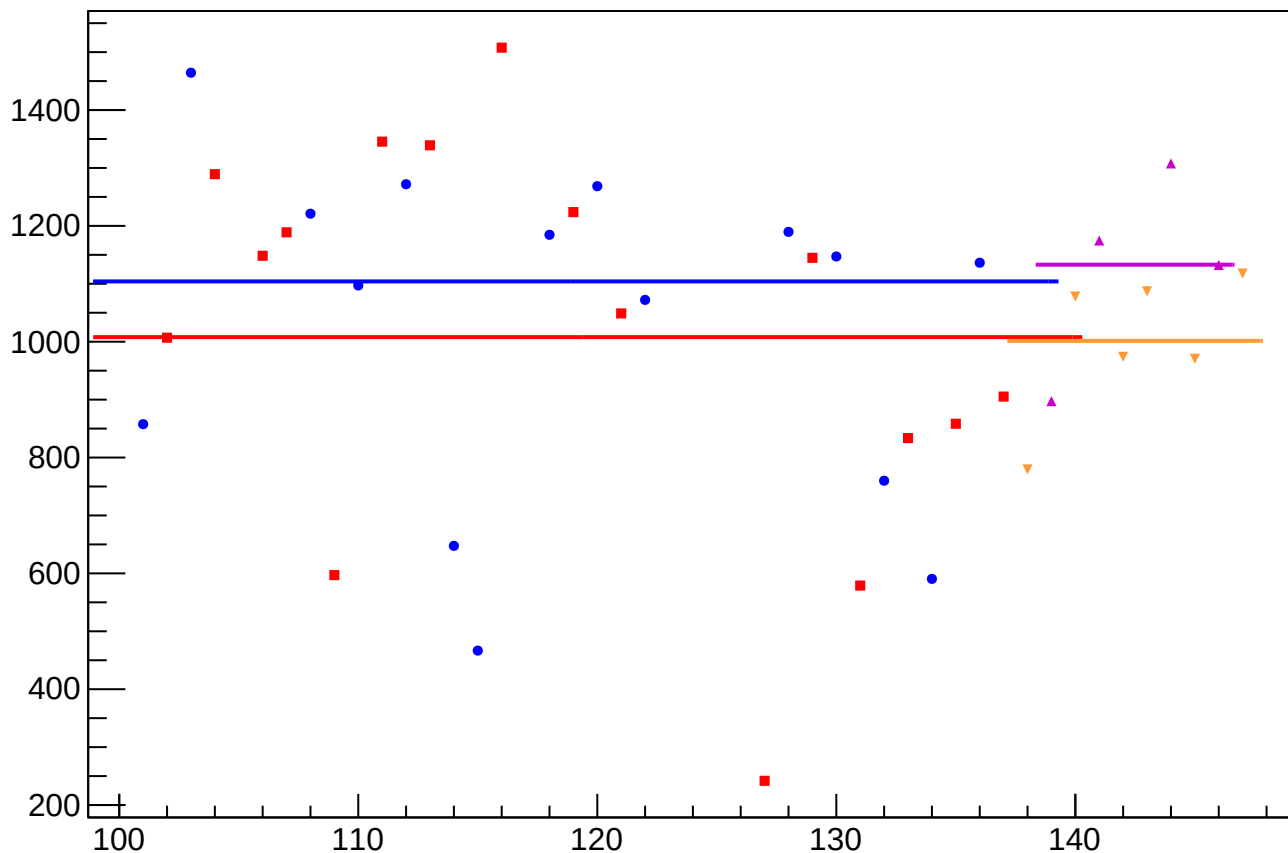
Left In: -80.491+/-0.000 χ^2/NDF : 7123821578661689894199711441616896.0/3

dit_11X12X_coil3_err_mean vs Slug



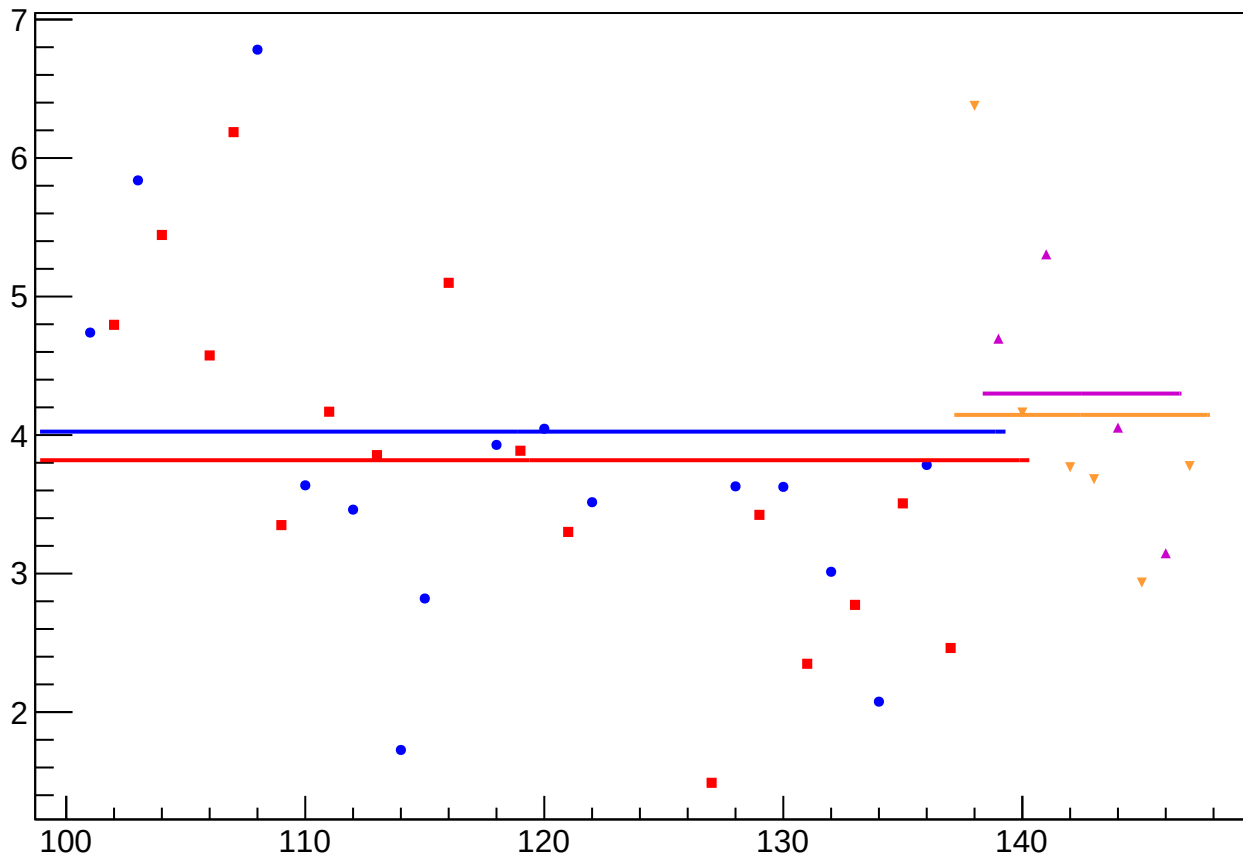
Right In: 3.793+/-0.000 χ^2/NDF : 3205389242726129619796290810413056.0/14
 Left Out: 2.734+/-0.000 χ^2/NDF : 130095962449805813243336867184640.0/5
 Right Out: 3.783+/-0.000 χ^2/NDF : 2878586622192676654452338755371008.0/15
 Left In: 2.579+/-0.000 χ^2/NDF : 19262521082795360006911895273472.0/3
 All: 3.374+/-0.000 χ^2/NDF : 68496176119035.0/15
 + sign 3.370+/-0.000 χ^2/NDF : 36263693242702181.0/15
 - sign 3.378+/-0.000 χ^2/NDF : 32232104646423990.0/15

dit_11X12X_coil3_Ndata_mean vs Slug



Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465 ± 0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: 1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1132.976 ± 0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_4aY_coil3_mean vs Slug



Right In: 4.025+/-0.000 χ^2/NDF : 769001650442321928129473832550400.0/14

Left Out: 4.146+/-0.000 χ^2/NDF : 538647049325648063784147008618496.0/5

Right Out: 3.819+/-0.000 χ^2/NDF : 888232240226434329114859171479552.0/15

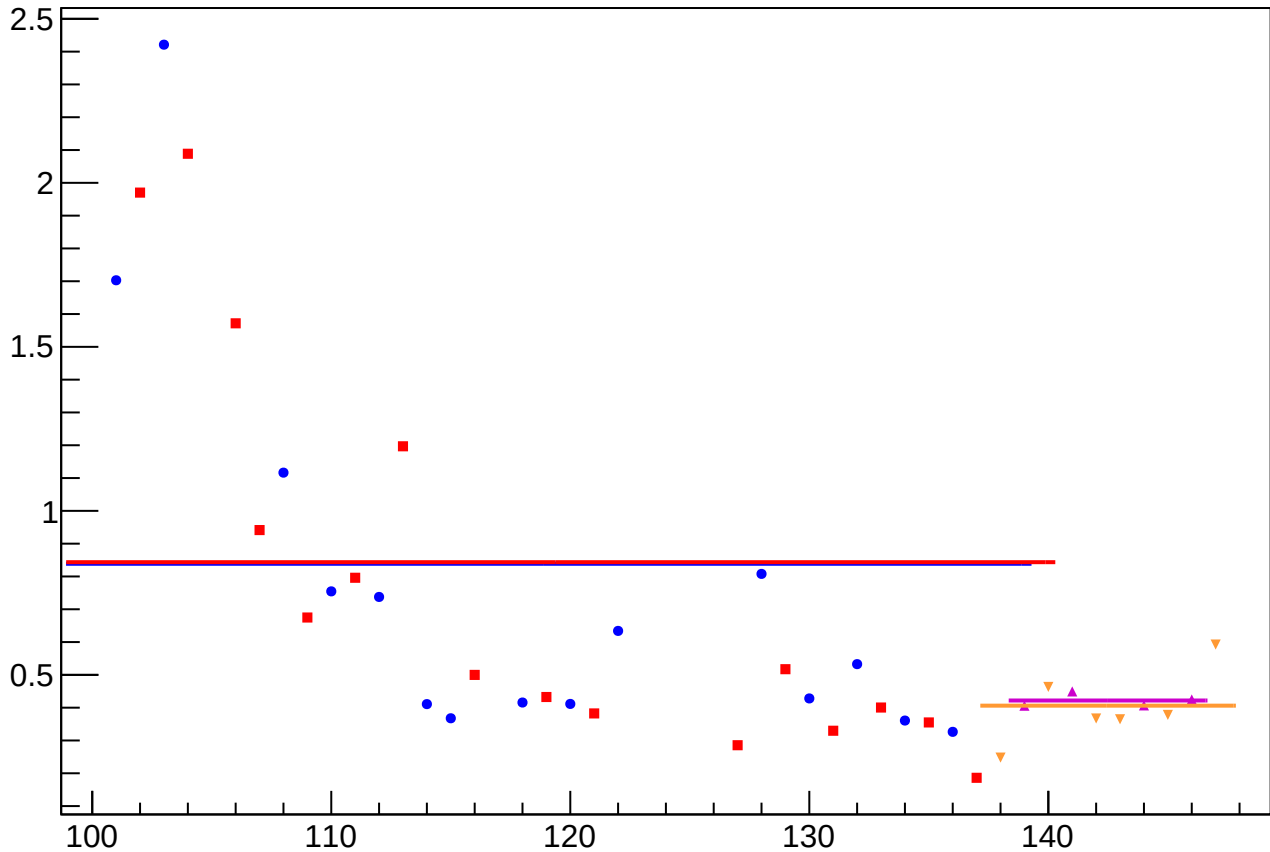
Left In: 4.300+/-0.000 χ^2/NDF : 214272979352493635118245231984640.0/3

+ sign 4.073+/-0.000 χ^2/NDF : 13114360202847860

All: 4.028+/-0.000 χ^2/NDF : 24703510182043

- sign 3.980+/-0.000 χ^2/NDF : 11544307848992866

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839+/-0.000 χ^2/NDF : 258416025334615661521163083841536.0/14

Left Out: 0.406+/-0.000 χ^2/NDF : 5180045475246633366034145345536.0/5

Right Out: 0.844+/-0.000 χ^2/NDF : 252917509393432760240648918925312.0/15

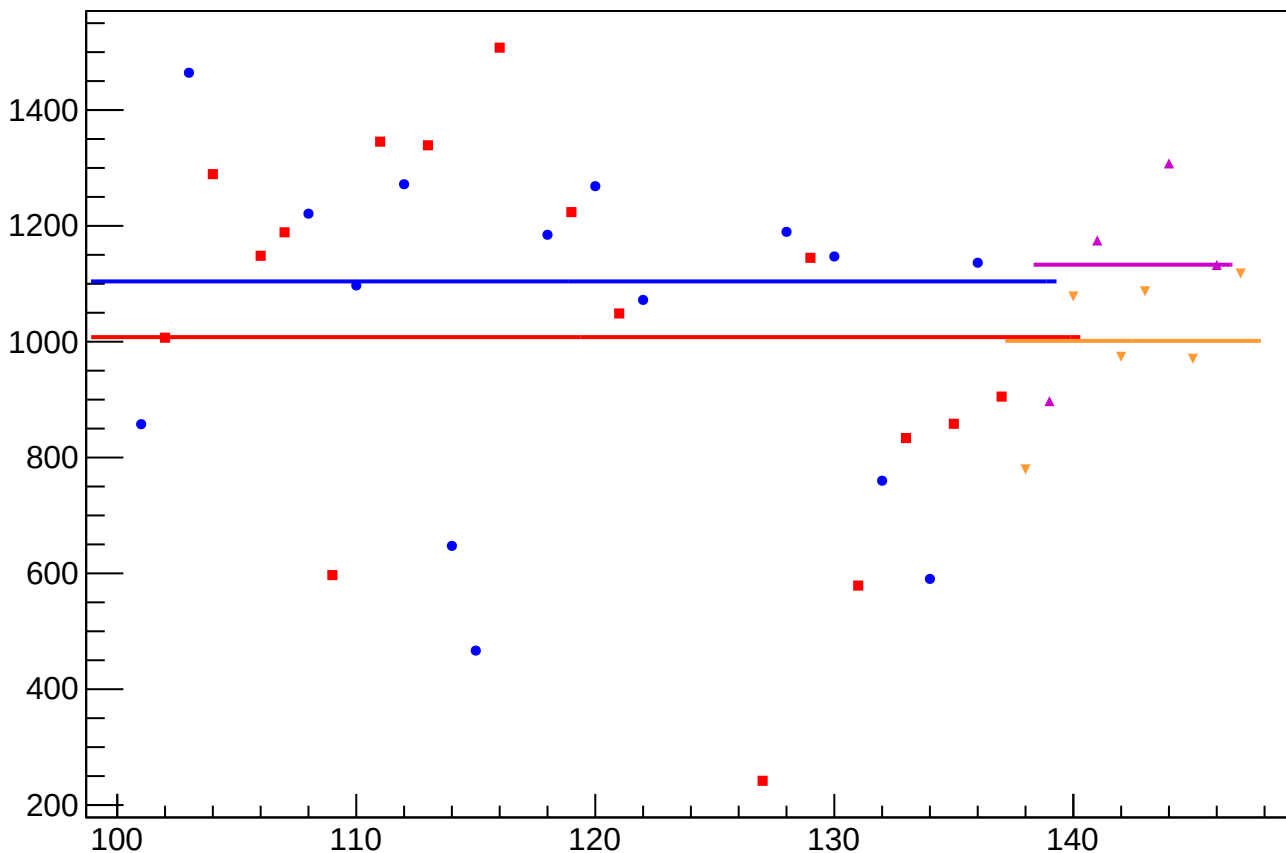
Left In: 0.422+/-0.000 χ^2/NDF : 106209850688097666286930100224.0/3

+ sign 0.666+/-0.000 χ^2/NDF : 31212294749724874

All: 0.683+/-0.000 χ^2/NDF : 60570388571586

- sign 0.702+/-0.000 χ^2/NDF : 29291055808597081

dit_4aY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

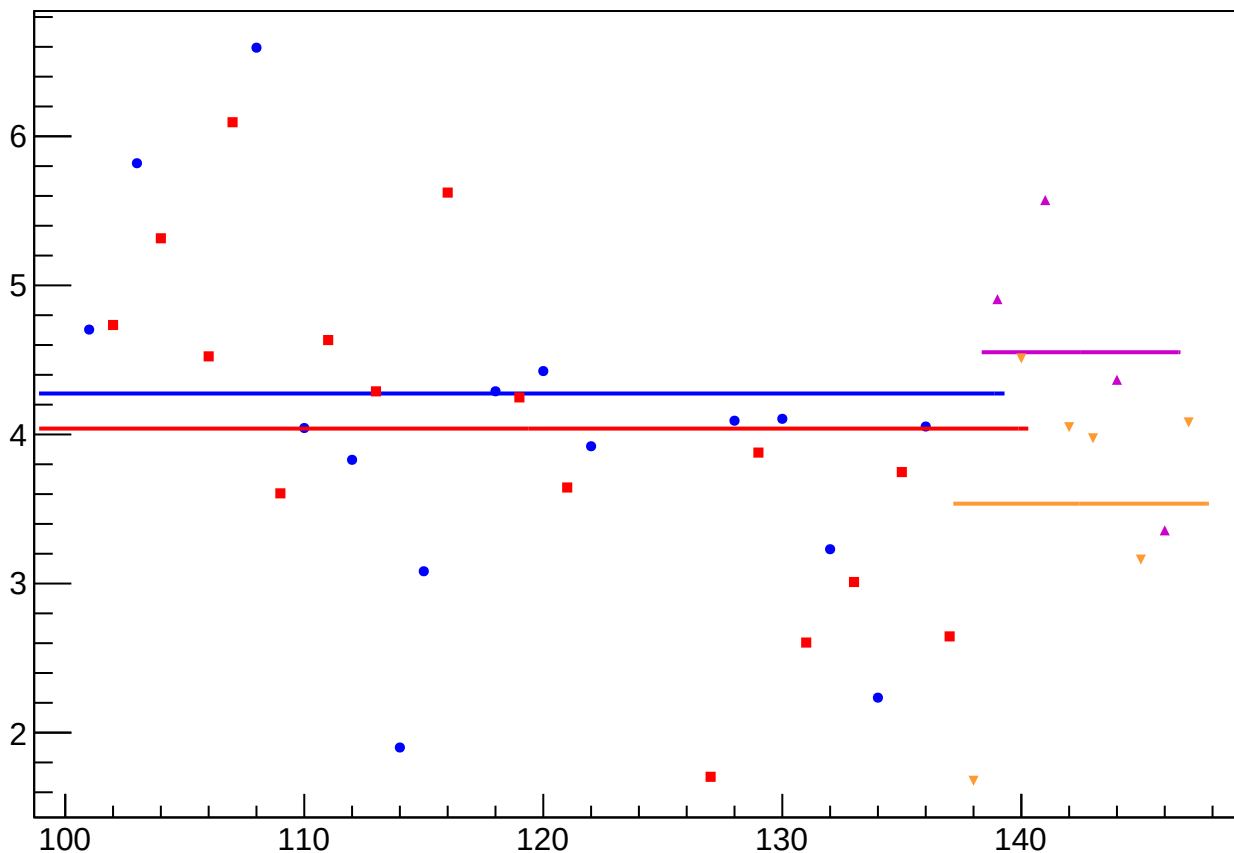
Left In: 1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1056.769+/-0.000 χ^2/NDF : 12149444202

- sign 1049.969+/-0.000 χ^2/NDF : 79952523638961

dit_4eY_coil3_mean vs Slug



Right In: 4.275 $\pm$ 0.000 χ^2 /NDF: 597188707898198851792415435522048.0/14

Left Out: 3.536 $\pm$ 0.000 χ^2 /NDF: 406887513685155289666389798813696.0/5

Right Out: 4.039 $\pm$ 0.000 χ^2 /NDF: 772368848194464324973108765130752.0/15

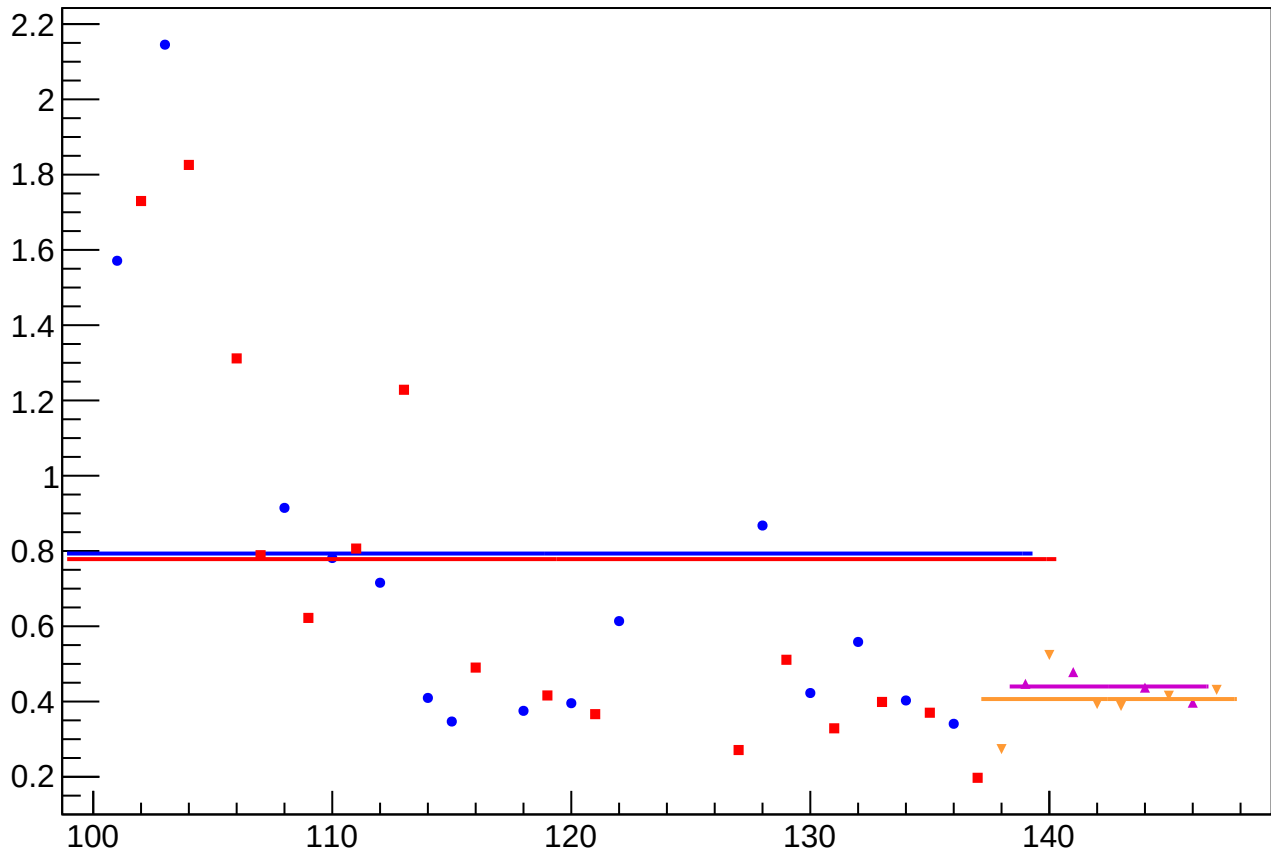
Left In: 4.552 $\pm$ 0.000 χ^2 /NDF: 220337943309028883584807751122944.0/3

+ sign 3.979 $\pm$ 0.000 χ^2 /NDF: 11457363014998621

All: 4.091 $\pm$ 0.000 χ^2 /NDF: 22253775945030

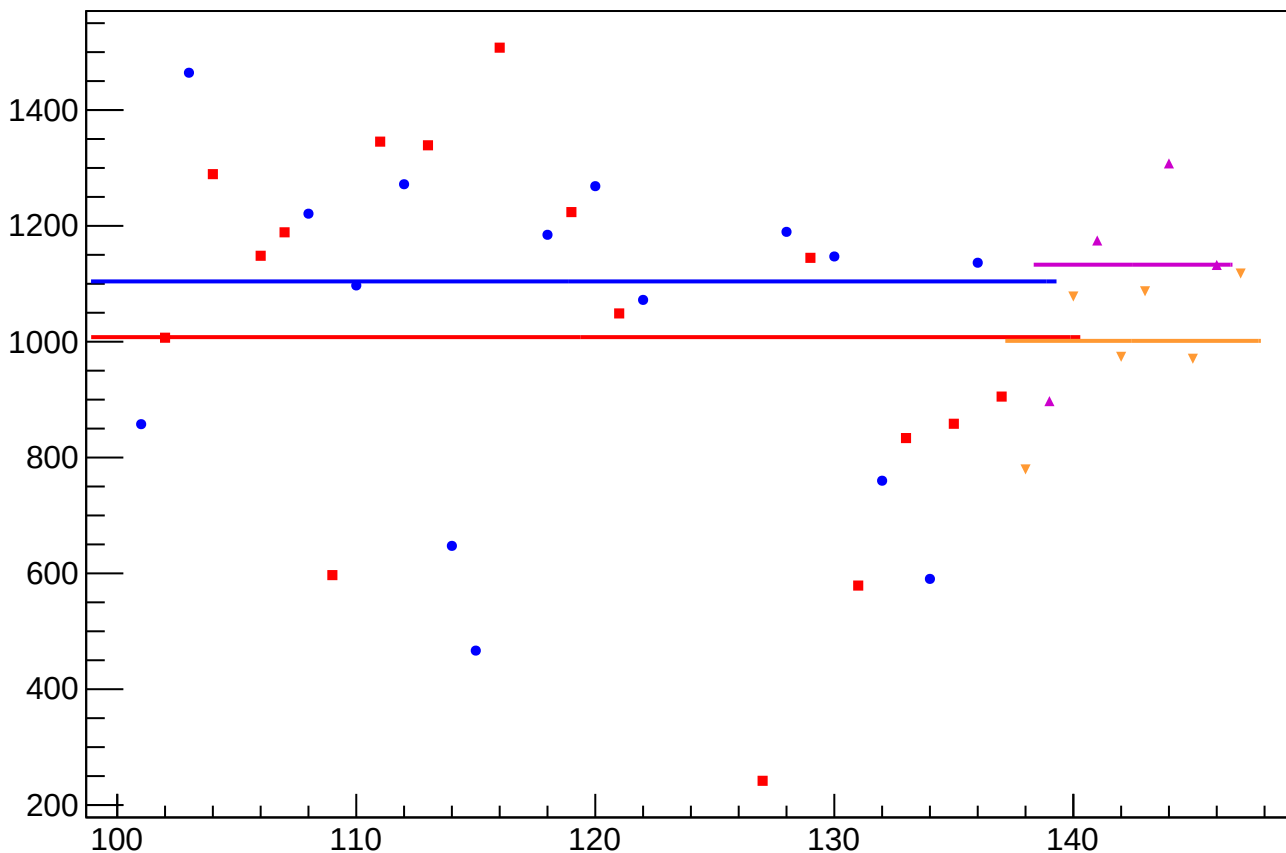
- sign 4.212 $\pm$ 0.000 χ^2 /NDF: 10515445789295516

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793 ± 0.000 χ^2/NDF : 195508777173589483440314700005376.0/14
 Left Out: 0.407 ± 0.000 χ^2/NDF : 2587369286331032748568661196800.0/5
 Right Out: 0.778 ± 0.000 χ^2/NDF : 185814635772183306063903690063872.0/15
 Left In: 0.440 ± 0.000 χ^2/NDF : 283129304965383099258977124352.0/3

dit_4eY_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

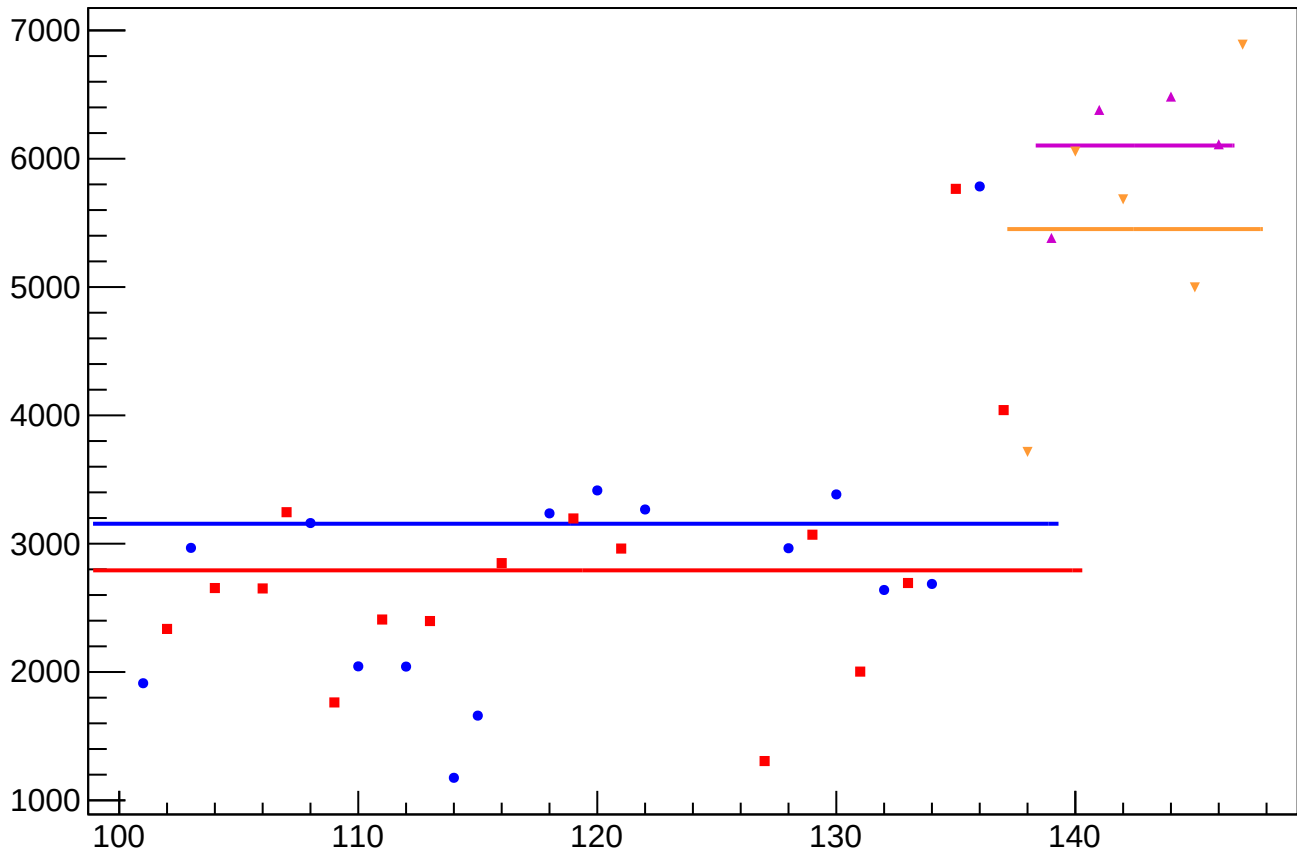
Left In: 1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1056.769+/-0.000 χ^2/NDF : 12149444202

- sign 1049.969+/-0.000 χ^2/NDF : 79952523638961

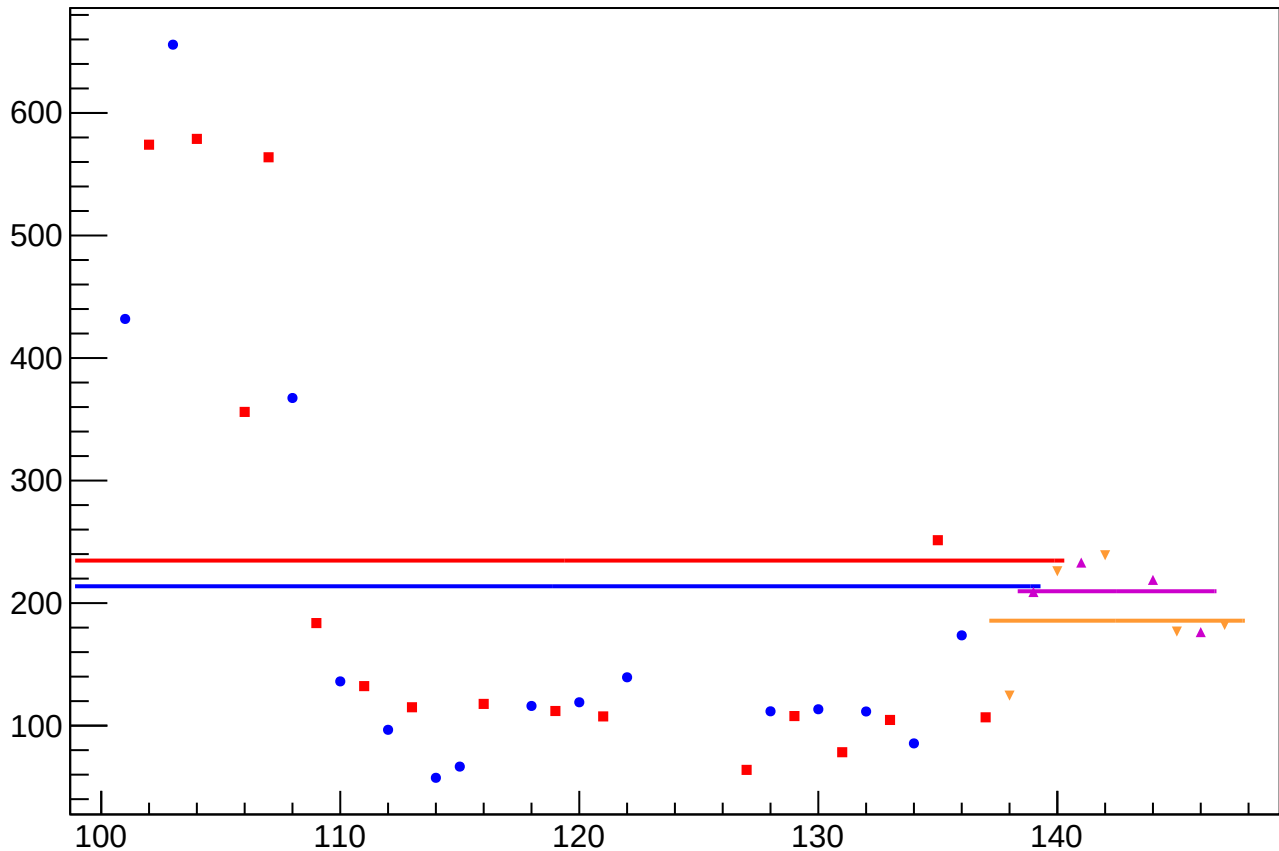
dit_usl_coil3_mean vs Slug



Right In: 3155.434+/-0.000	χ^2/NDF : 903550534773622902110918214033612996608.0/14
Left Out: 5451.760+/-0.000	χ^2/NDF : 445429395146106138163415979121837080576.0/4
Right Out: 2792.245+/-0.000	χ^2/NDF : 674635749324173001973264427530986717184.0/15
Left In: 6103.037+/-0.000	χ^2/NDF : 61498107024601453350059433537243709440.0/3

+ sign 3982.021+/-0.000 χ^2/NDF : 25808547151657
 All: 3944.043+/-0.000 χ^2/NDF : 57788225677
 - sign 3905.725+/-0.000 χ^2/NDF : 31950297732696

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

+ sign 203.629+/-0.000 χ^2/NDF : 204658642635515

Left Out: 185.652+/-0.000 χ^2/NDF : 563436223406245984956257598267457536.0/4

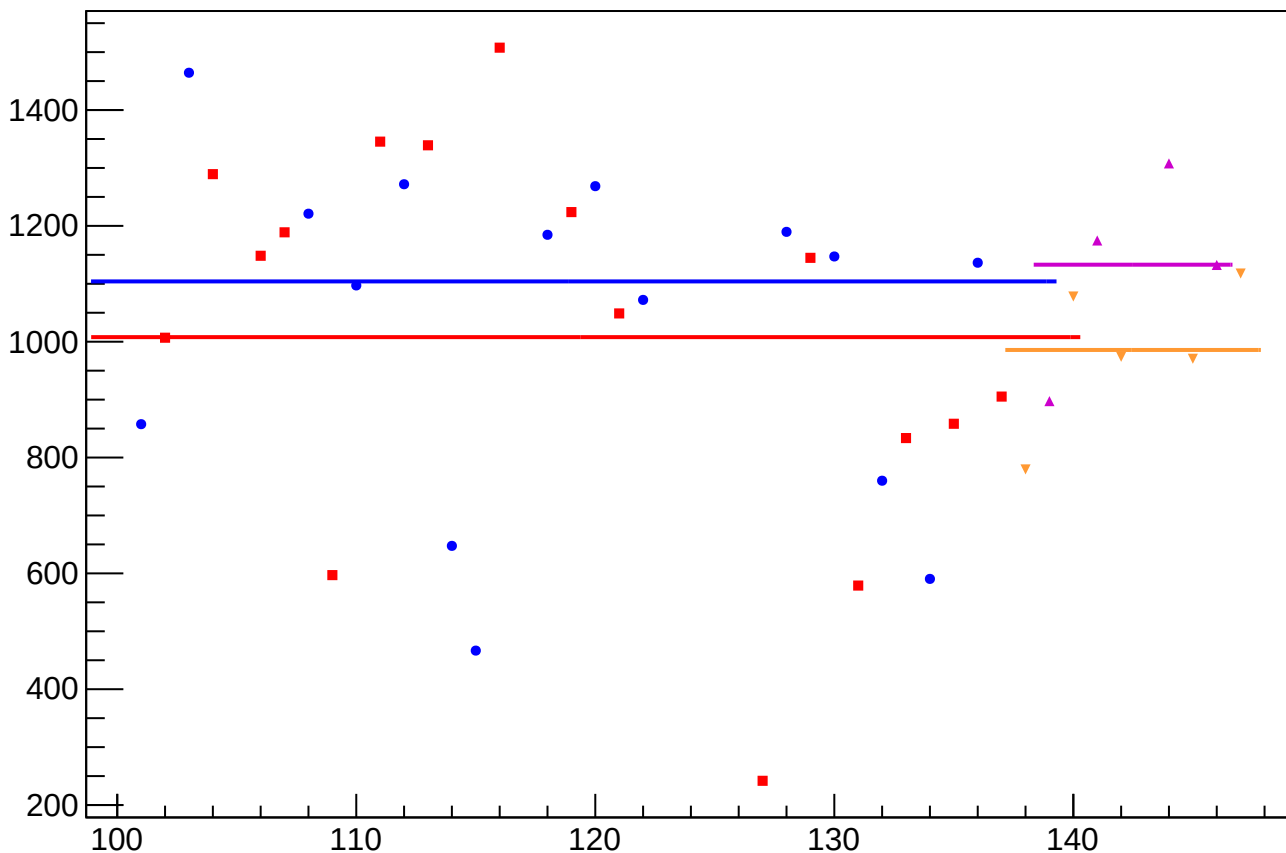
All: 214.910+/-0.000 χ^2/NDF : 450254286780

Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

- sign 226.292+/-0.000 χ^2/NDF : 243003252463704

Left In: 209.675+/-0.000 χ^2/NDF : 146567612533743304687809933409779712.0/3

dit_usl_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

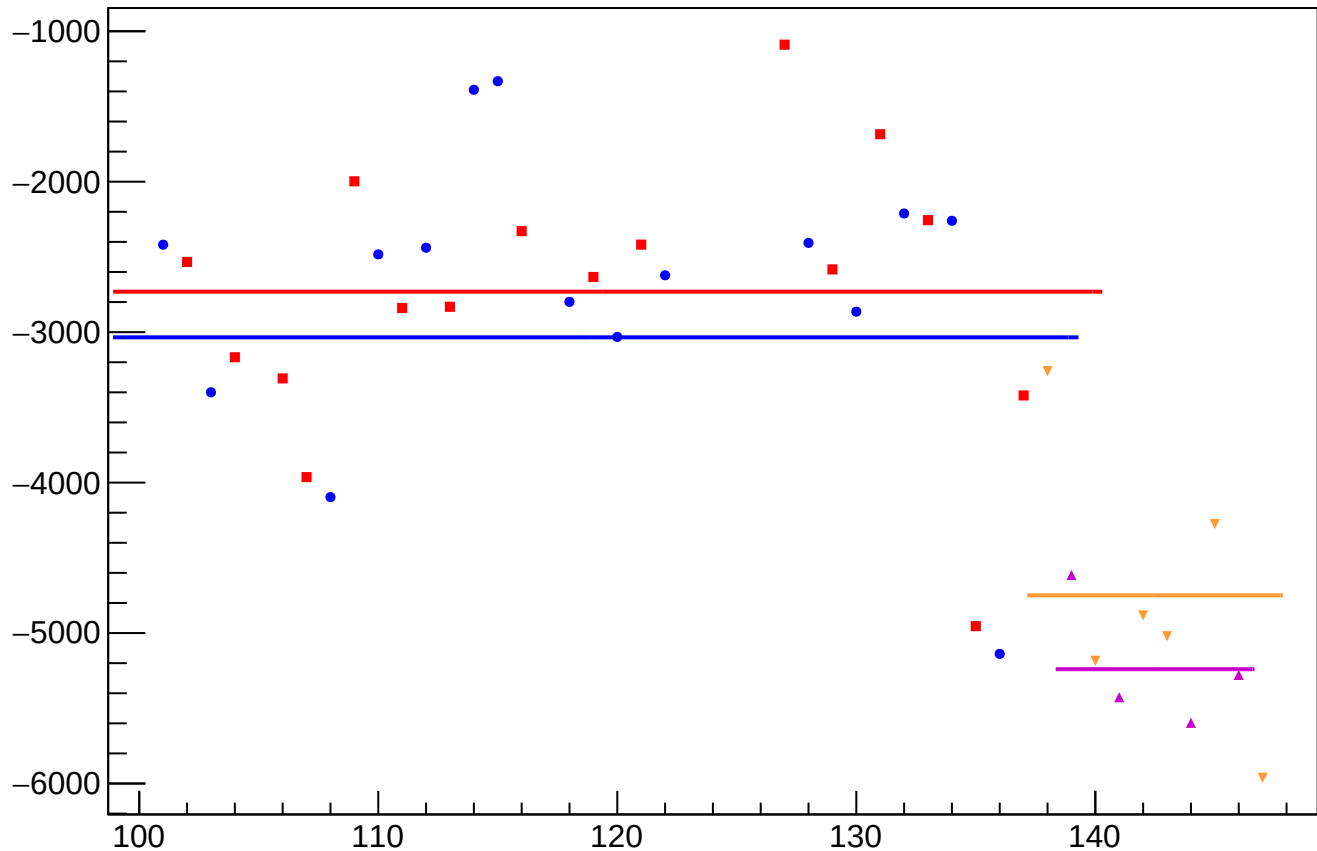
Left Out: 985.753+/-0.000 χ^2/NDF : 5400783789438814888402457502041505792.0/4

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

All: 1055.764+/-0.000 χ^2/NDF : 12143092746

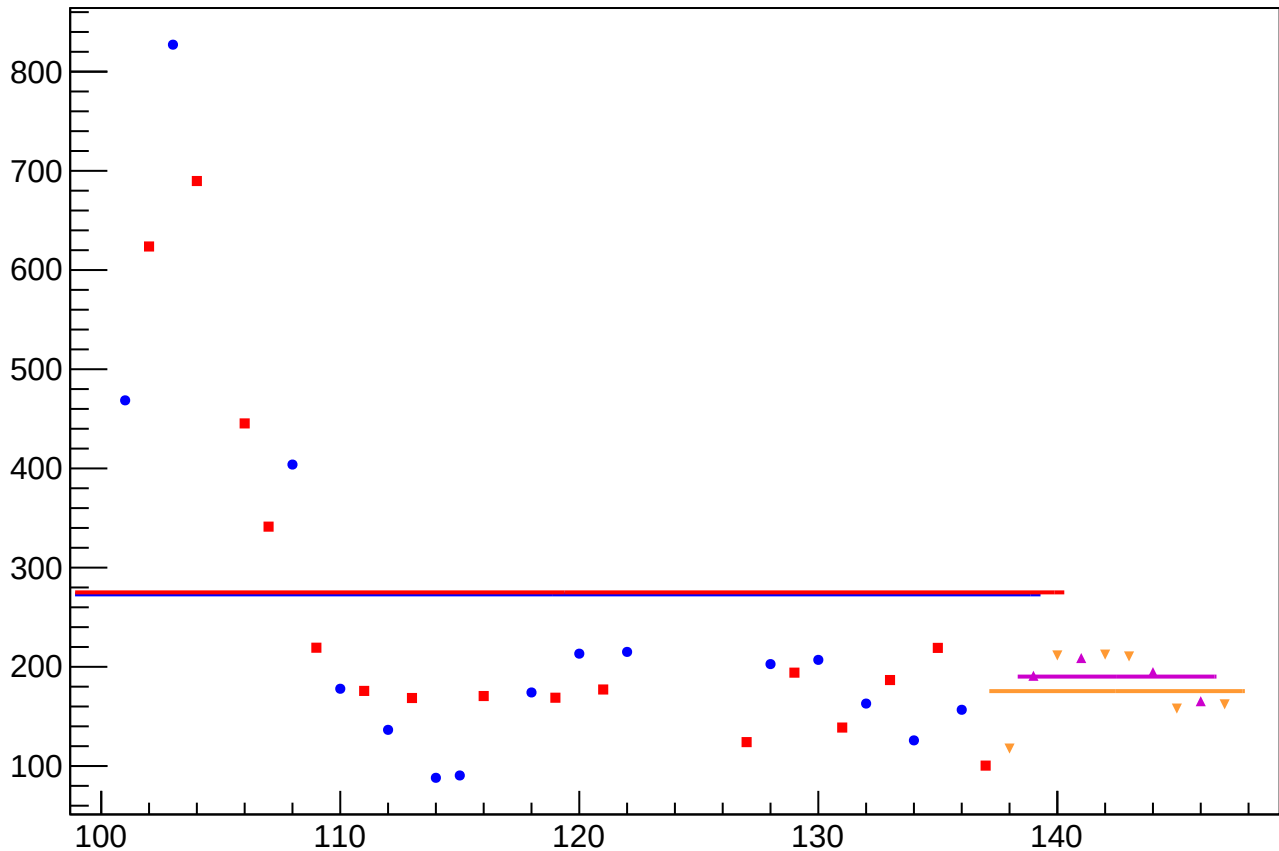
dit_usr_coil3_mean vs Slug



Right In: -3034.527+/-0.000	χ^2/NDF : 630694553353463868547335175090919702528.0/14
Left Out: -4749.182+/-0.000	χ^2/NDF : 327404073878648492524706454457475399680.0/5
Right Out: -2731.035+/-0.000	χ^2/NDF : 528290847703567991555694629239211950080.0/15
Left In: -5240.279+/-0.000	χ^2/NDF : 46099785238224771182298050942136745984.0/3

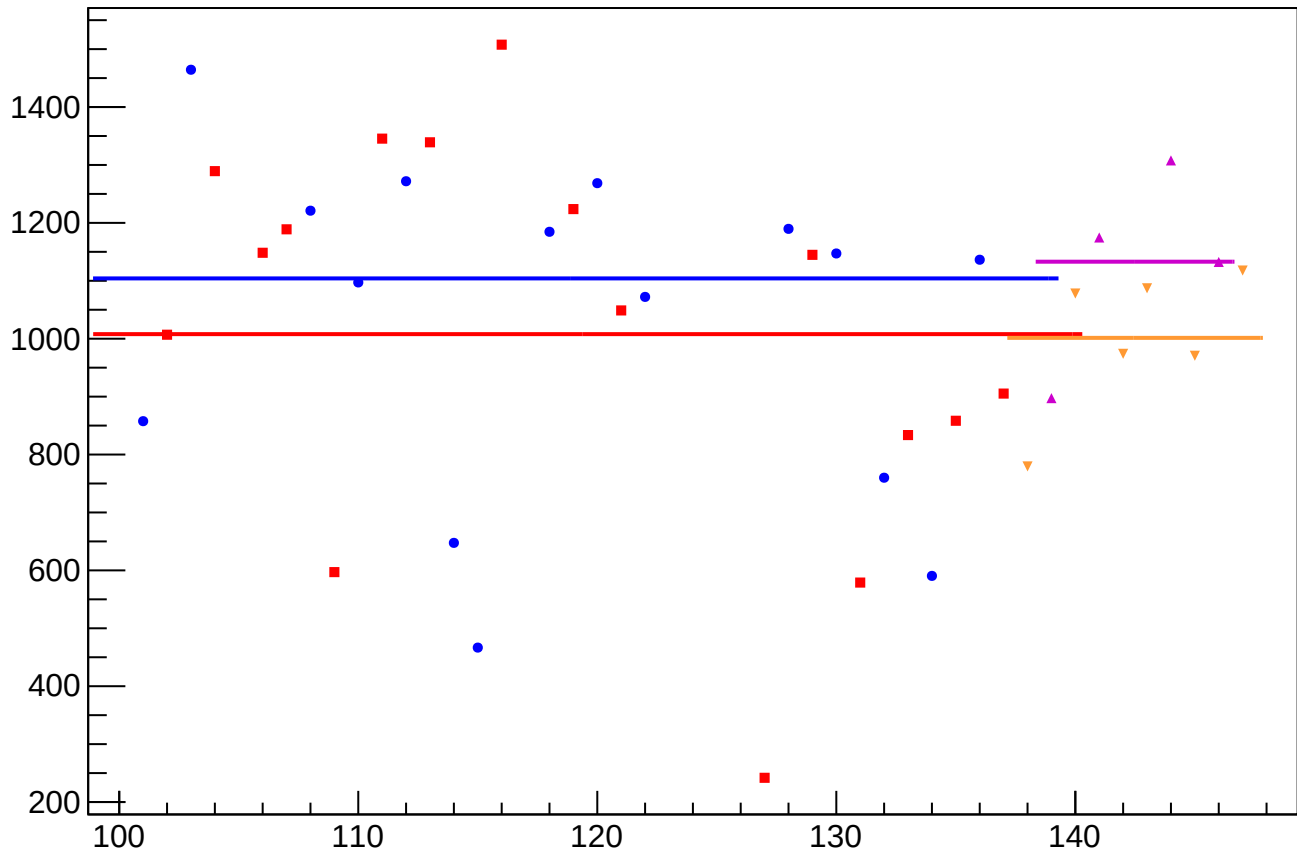
+ sign -3719.755+/-0.000 χ^2/NDF : 1720627525036
 All: -3649.985+/-0.000 χ^2/NDF : 3718355873
 - sign -3574.940+/-0.000 χ^2/NDF : 19868062954518

dit_usr_coil3_err_mean vs Slug



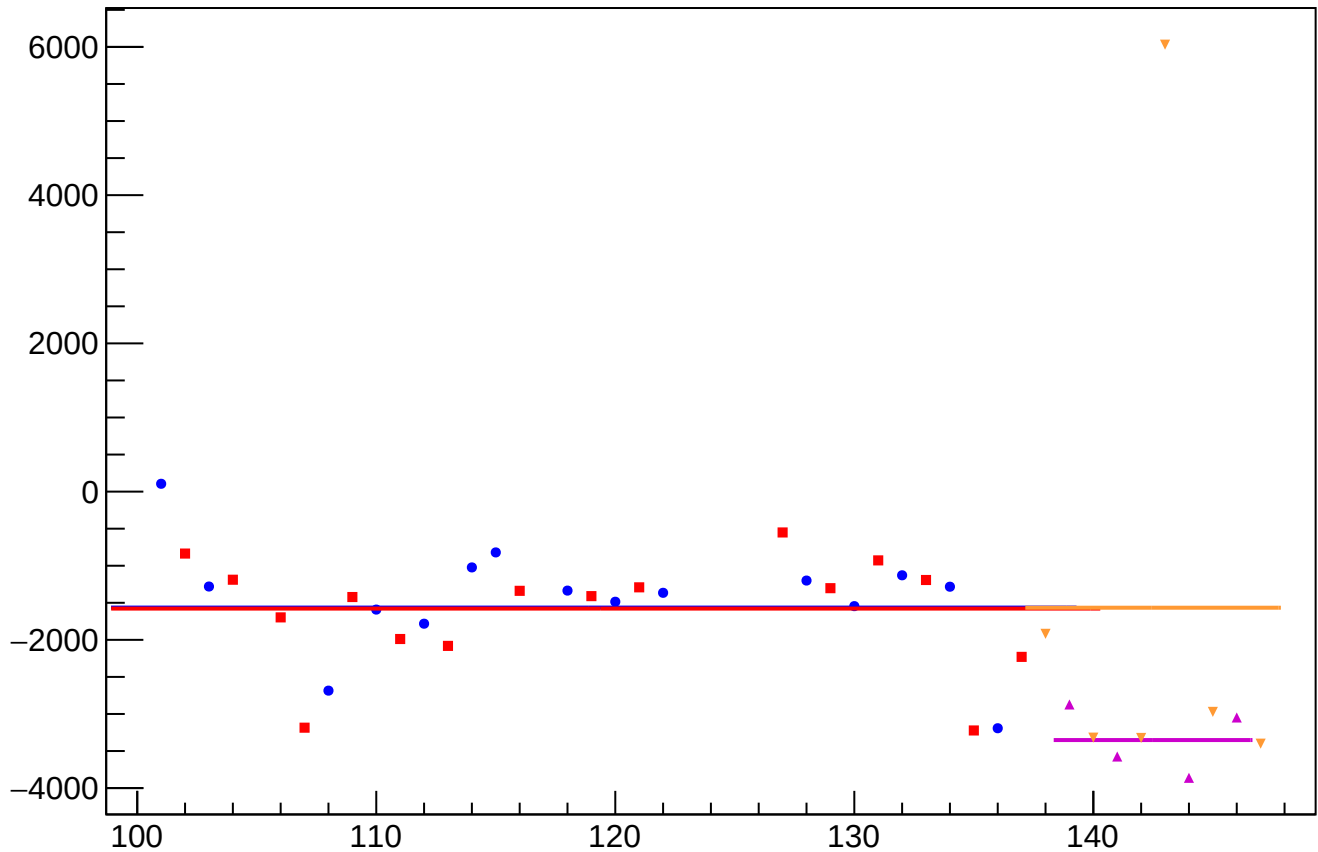
Right In: 273.039 $\pm$ 0.000 χ^2 /NDF: 26485935053341175092913795212184125440.0/14
 Left Out: 175.508 $\pm$ 0.000 χ^2 /NDF: 550896574250774098727532547931111424.0/5
 Right Out: 275.044 $\pm$ 0.000 χ^2 /NDF: 22264760088752901792561892991657050112.0/15
 Left In: 190.154 $\pm$ 0.000 χ^2 /NDF: 82716090167097323856047377305567232.0/3

dit_usr_coil3_Ndata_mean vs Slug



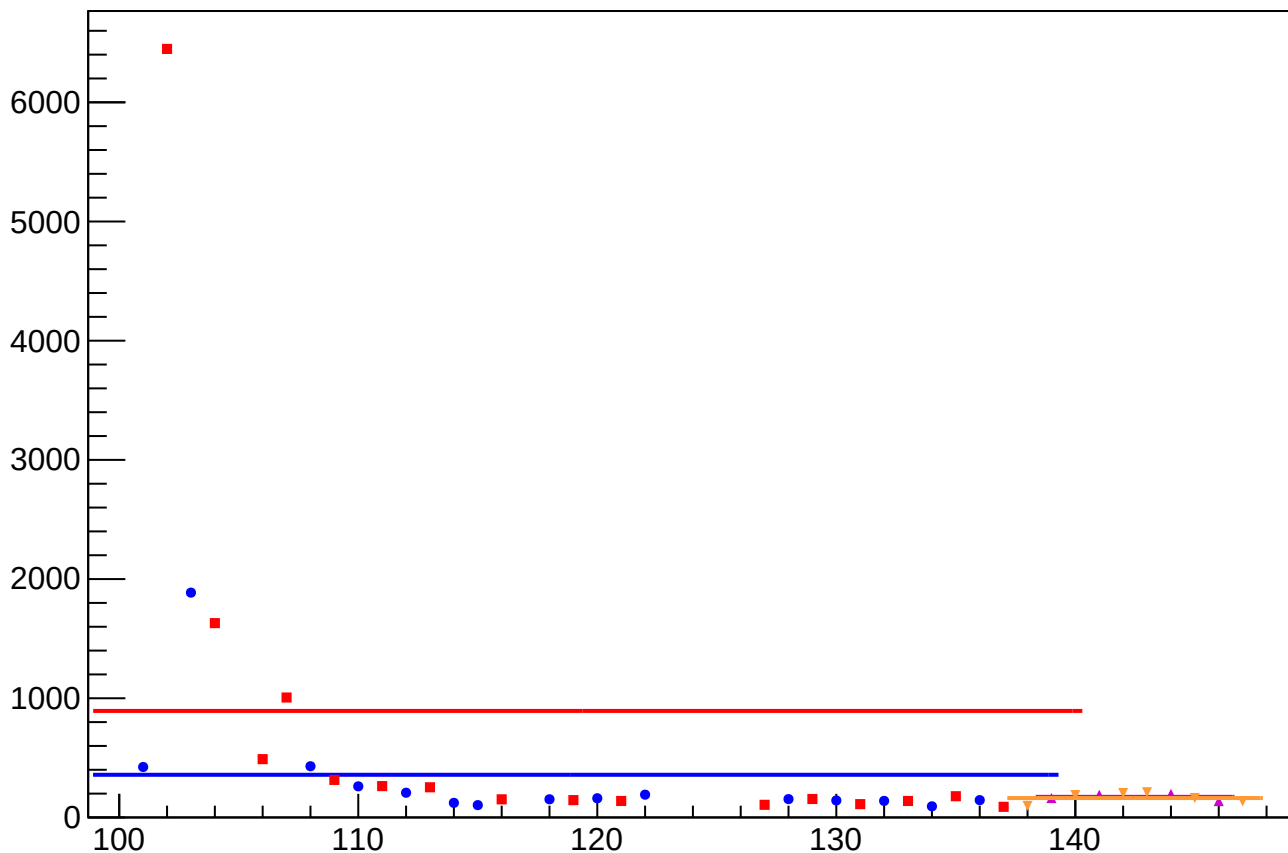
Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465 ± 0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: 1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1132.976 ± 0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

dit_atl1_coil3_mean vs Slug



Right In: -1564.595 ± 0.000 χ^2/NDF : 483874800978571042578975757029039144960.0/14
 Left Out: -1566.424 ± 0.000 χ^2/NDF : 4692726219348206906602115719470530953216.0/5
 Right Out: -1578.178 ± 0.000 χ^2/NDF : 368450572556217564071963203581098590208.0/15
 Left In: -3352.026 ± 0.000 χ^2/NDF : 53653018169596677196823014636781568000.0/3
 All: -1858.939 ± 0.000 χ^2/NDF : 6497981011
 + sign -1565.326 ± 0.000 χ^2/NDF : 5176601887375
 - sign -2174.756 ± 0.000 χ^2/NDF : 1127948593946

dit_atl1_coil3_err_mean vs Slug



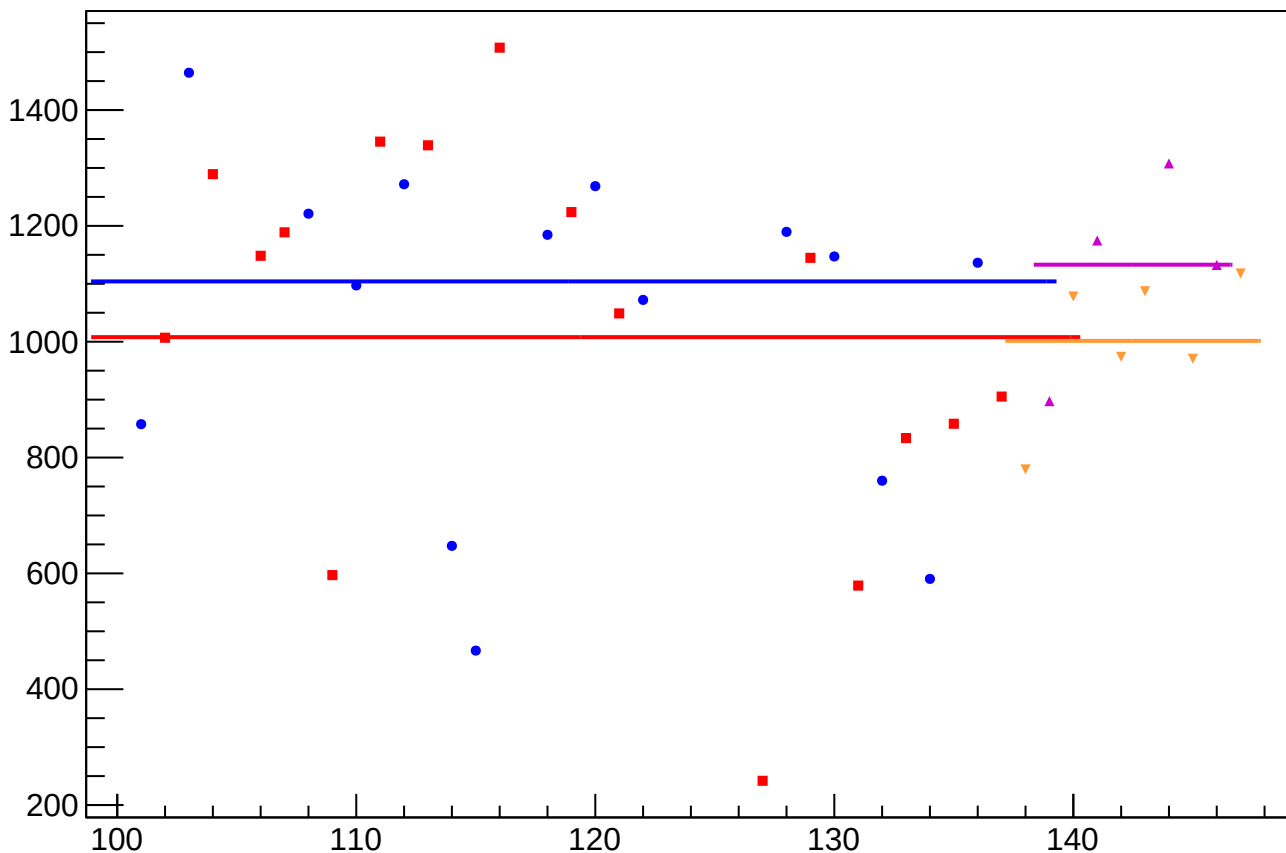
Right In: 358.080+/-0.000 χ^2/NDF : 157922789145697858165644452090202816512.0/14

Left Out: 162.769+/-0.000 χ^2/NDF : 685103819312784348460244943685812224.0/5 + sign 280.028+/-0.000 χ^2/NDF : 168501514490414

Right Out: 893.897+/-0.000 χ^2/NDF : 2075920155774201043572695656797803905024.0/15 All: 458.959+/-0.000 χ^2/NDF : 243305587850

Left In: 172.927+/-0.000 χ^2/NDF : 194355057766580675769528393226256384.0/3 - sign 651.422+/-0.000 χ^2/NDF : 219271766852873

dit_atl1_coil3_Ndata_mean vs Slug



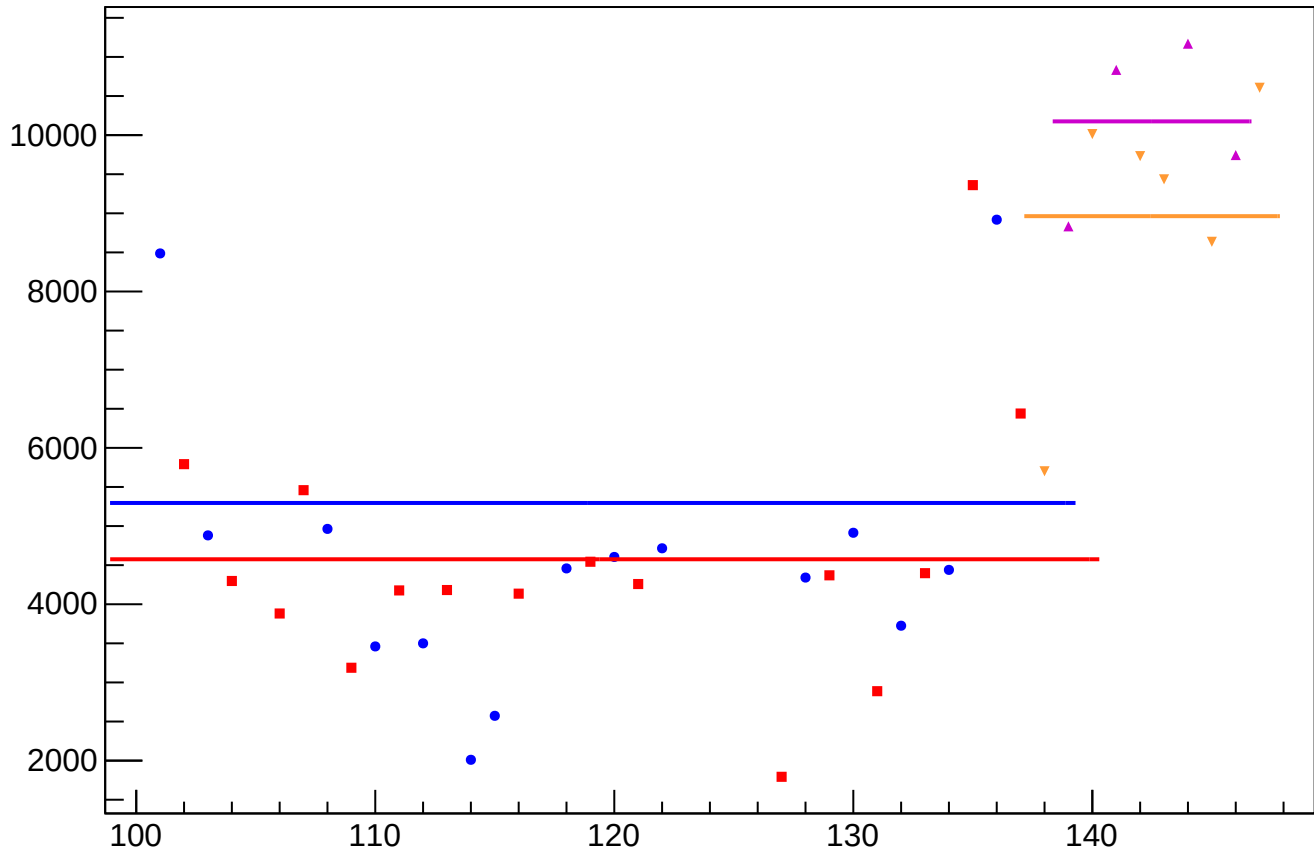
Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

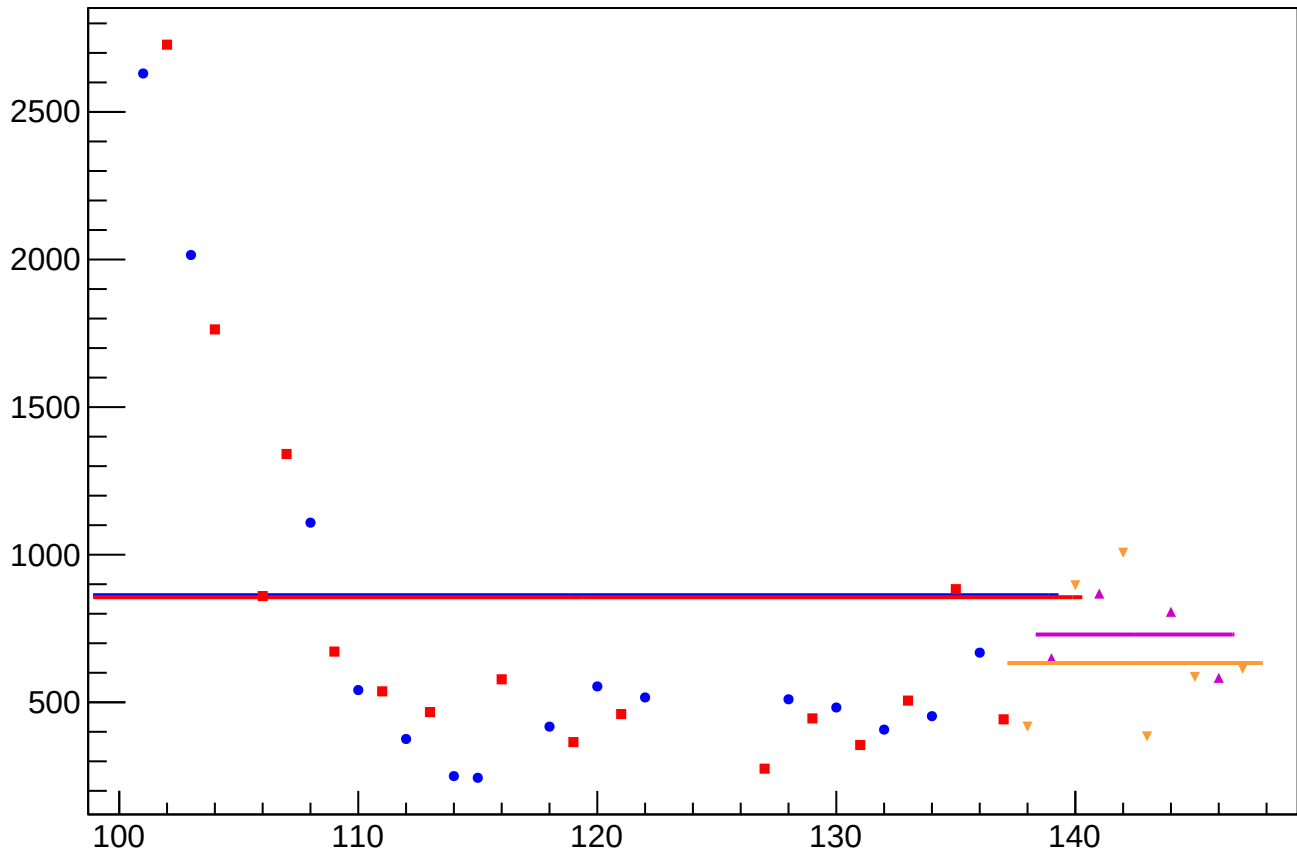
dit_atl2_coil3_mean vs Slug



Right In: 5295.485+/-0.000	χ^2/NDF : 2505645232968263275444048016093183213568.0/14
Left Out: 8963.485+/-0.000	χ^2/NDF : 1181858907944419176151381575840082952192.0/5
Right Out: 4575.270+/-0.000	χ^2/NDF : 1863322094770403739096100800072716910592.0/15
Left In: 10175.684+/-0.000	χ^2/NDF : 286154796245747926365701998786207809536.0/3

+ sign 6761.328+/-0.000 χ^2/NDF : 71769903173964
 All: 6615.571+/-0.000 χ^2/NDF : 16409986919
 - sign 6458.792+/-0.000 χ^2/NDF : 91853282131954

dit_atl2_coil3_err_mean vs Slug



Right In: 862.683+/-0.000 χ^2/NDF : 337684000863819315026459106525759668224.0/14

Left Out: 632.969+/-0.000 χ^2/NDF : 20078265363040864466249567027133939712.0/5

Right Out: 856.059+/-0.000 χ^2/NDF : 327195216546444767148716224688288694272.0/15

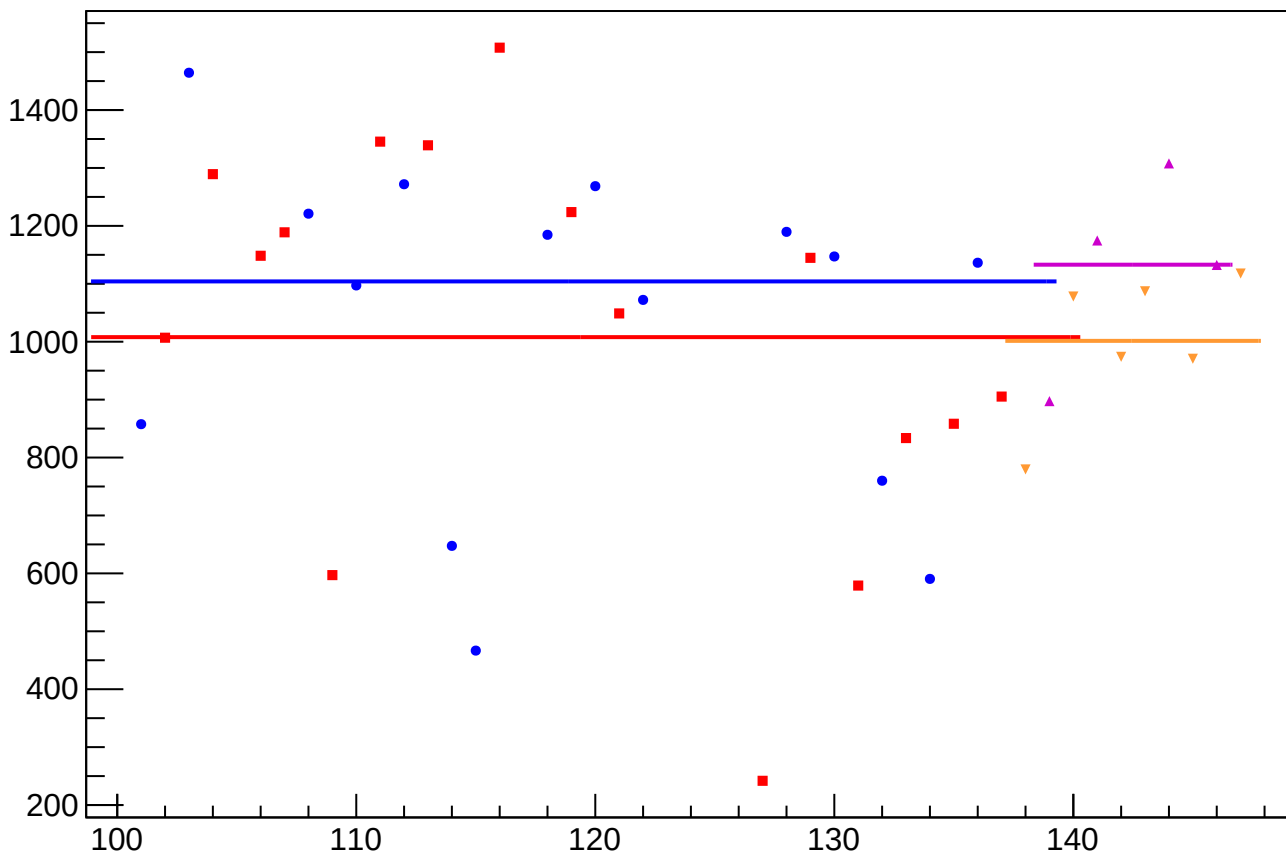
Left In: 729.565+/-0.000 χ^2/NDF : 4470154009248531414871253202398871552.0/3

+ sign 770.882+/-0.000 χ^2/NDF : 371448243326281

All: 791.423+/-0.000 χ^2/NDF : 707649618523

- sign 813.517+/-0.000 χ^2/NDF : 335254713549513

dit_atl2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

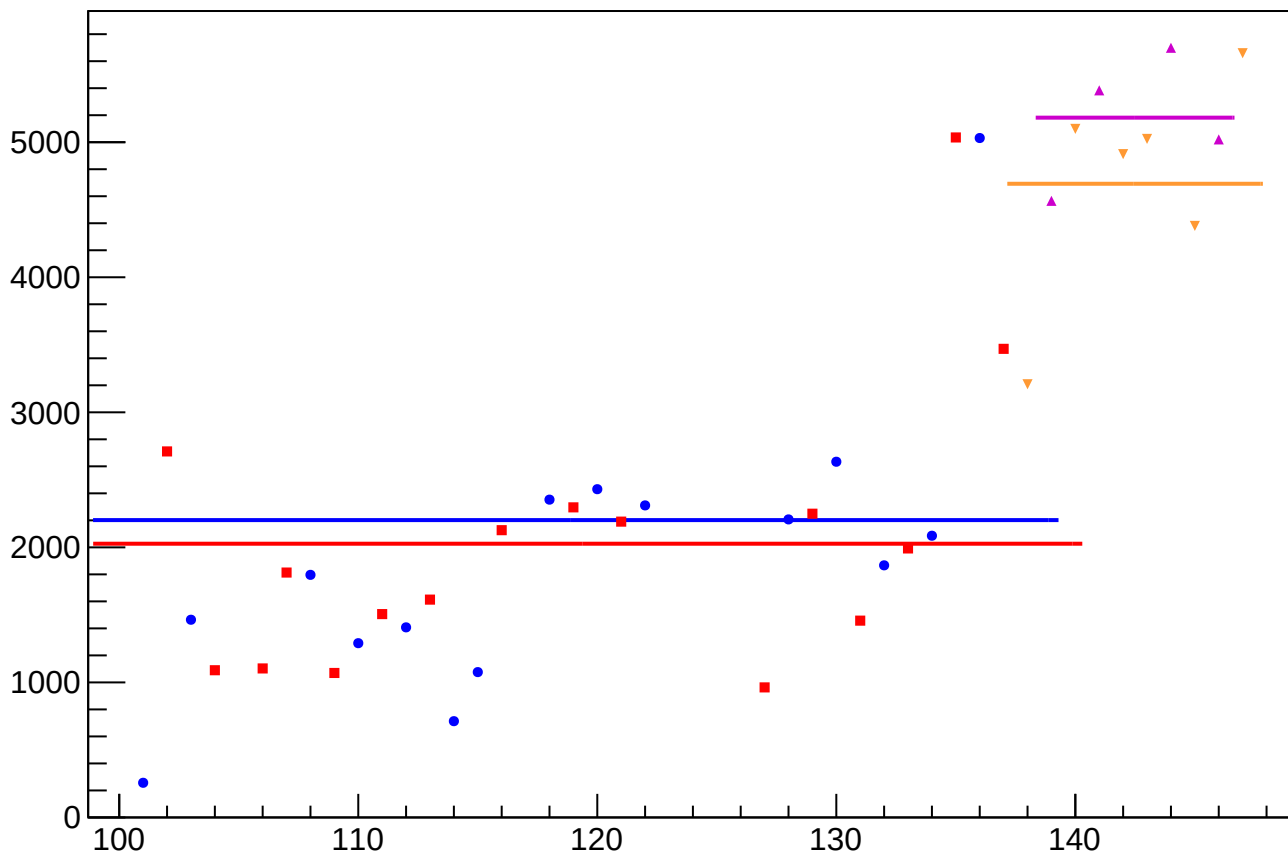
Left In: 1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1056.769+/-0.000 χ^2/NDF : 12149444202

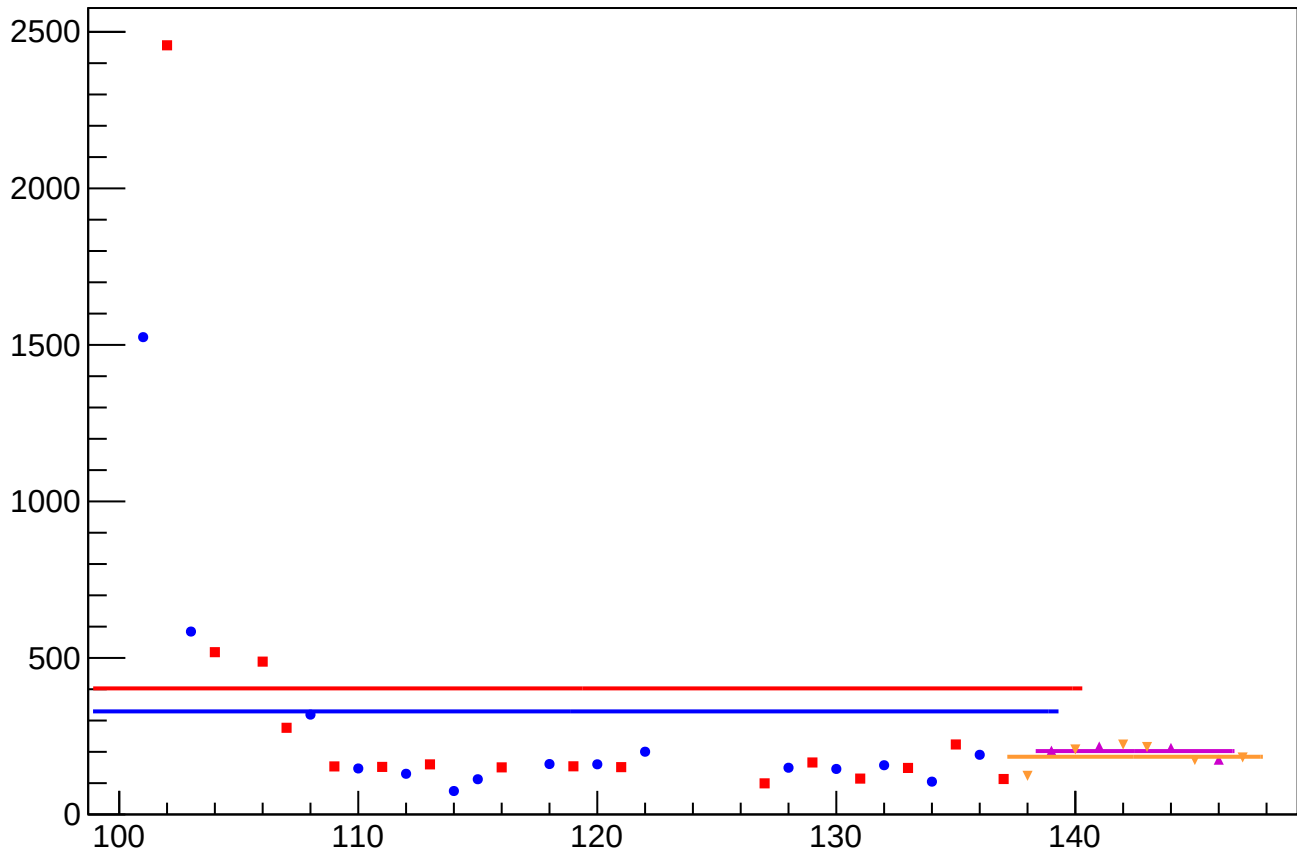
- sign 1049.969+/-0.000 χ^2/NDF : 79952523638961

dit_atr1_coil3_mean vs Slug



Right In: 2201.844+/-0.000	χ^2/NDF : 1086544775216266395419904724422998622208.0/14	+ sign 3197.110+/-0.000	χ^2/NDF : 29710406851915
Left Out: 4692.313+/-0.000	χ^2/NDF : 275833257954232815663920721772933021696.0/5	All: 3144.551+/-0.000	χ^2/NDF : 5978830086
Right Out: 2026.969+/-0.000	χ^2/NDF : 708626456603410705124518299956645199872.0/15	- sign 3088.017+/-0.000	χ^2/NDF : 30015911677665
Left In: 5181.860+/-0.000	χ^2/NDF : 6018845539474508006726896465727193088.0/3		

dit_atr1_coil3_err_mean vs Slug



Right In: 329.229+/-0.000 χ^2/NDF : 103285029091922742033837903437132464128.0/14

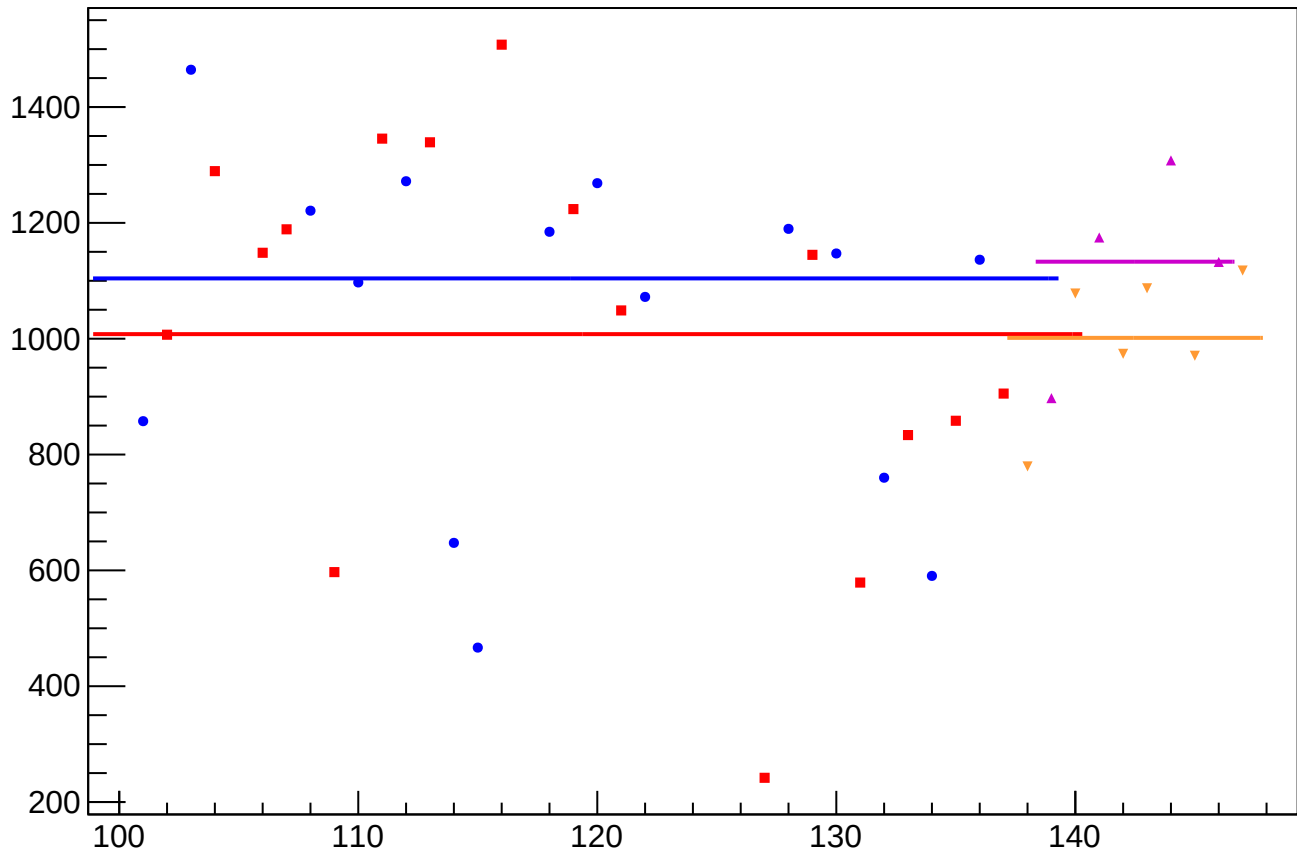
Left Out: 184.345+/-0.000 χ^2/NDF : 478564939723702785391240586442309632.0/5

Right Out: 402.690+/-0.000 χ^2/NDF : 277636056793293374242116053515003494400.0/15

Left In: 202.451+/-0.000 χ^2/NDF : 90557227426131908314597663489130496.0/3

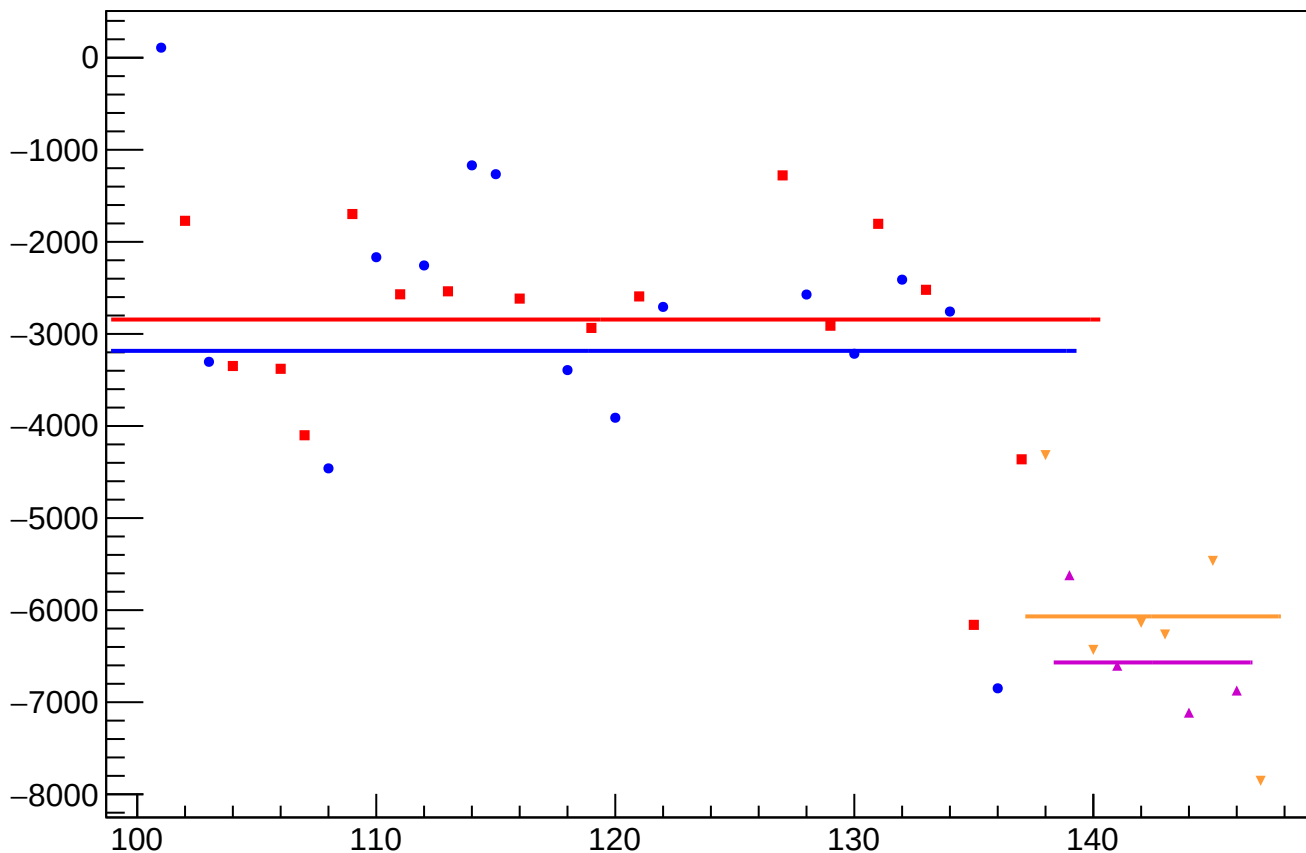
All: 302.171+/-0.000 χ^2/NDF : 398063396240

dit_atr1_coil3_Ndata_mean vs Slug



Right In: 1104.111 ± 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465 ± 0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: 1007.906 ± 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1132.976 ± 0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

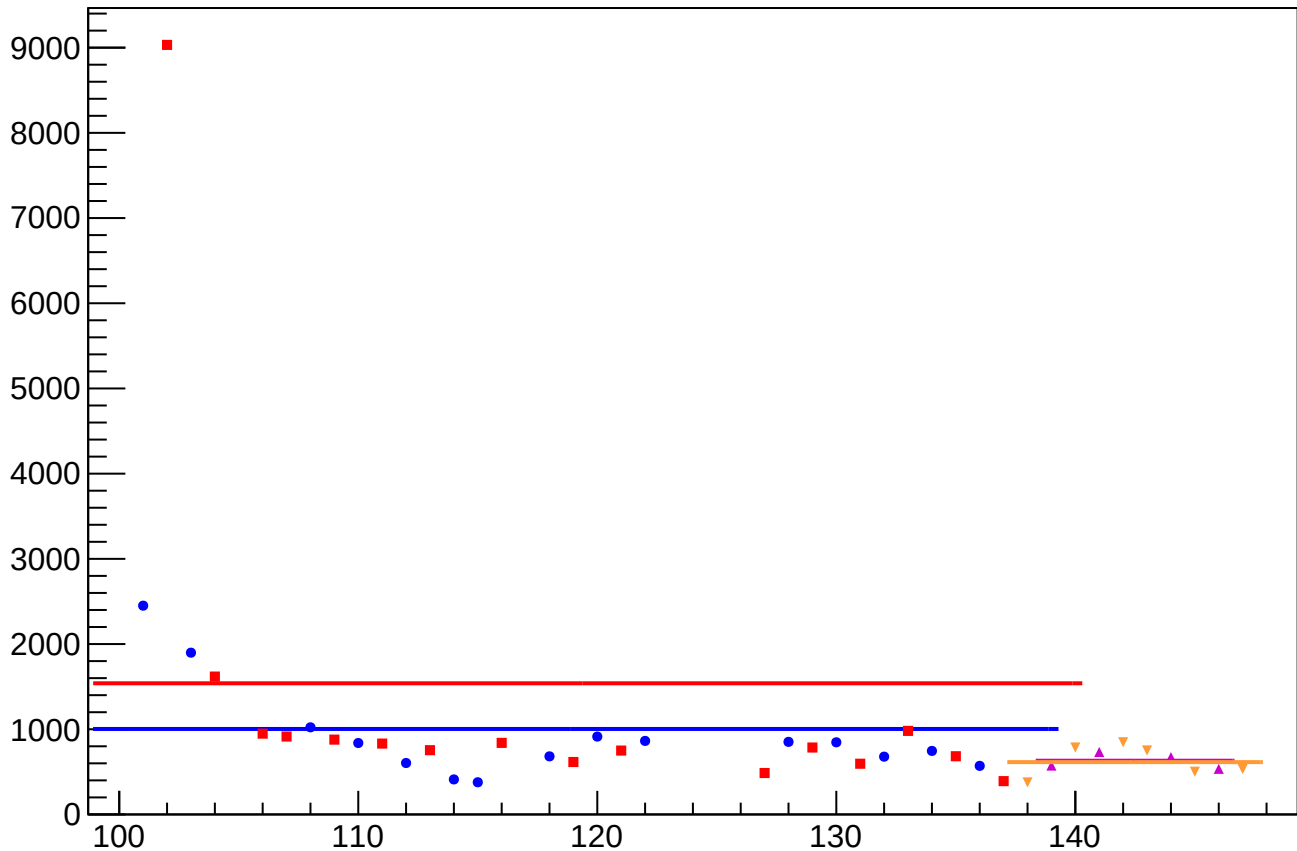
dit_atr2_coil3_mean vs Slug



Right In: -3183.928+/-0.000	χ^2/NDF : 2134923281384422537296044119642733543424.0/14
Left Out: -6068.080+/-0.000	χ^2/NDF : 531071662864082636521204800976500817920.0/5
Right Out: -2843.597+/-0.000	χ^2/NDF : 947077611563723244705531091944015396864.0/15
Left In: -6568.235+/-0.000	χ^2/NDF : 107013901602956212442754171177065775104.0/3

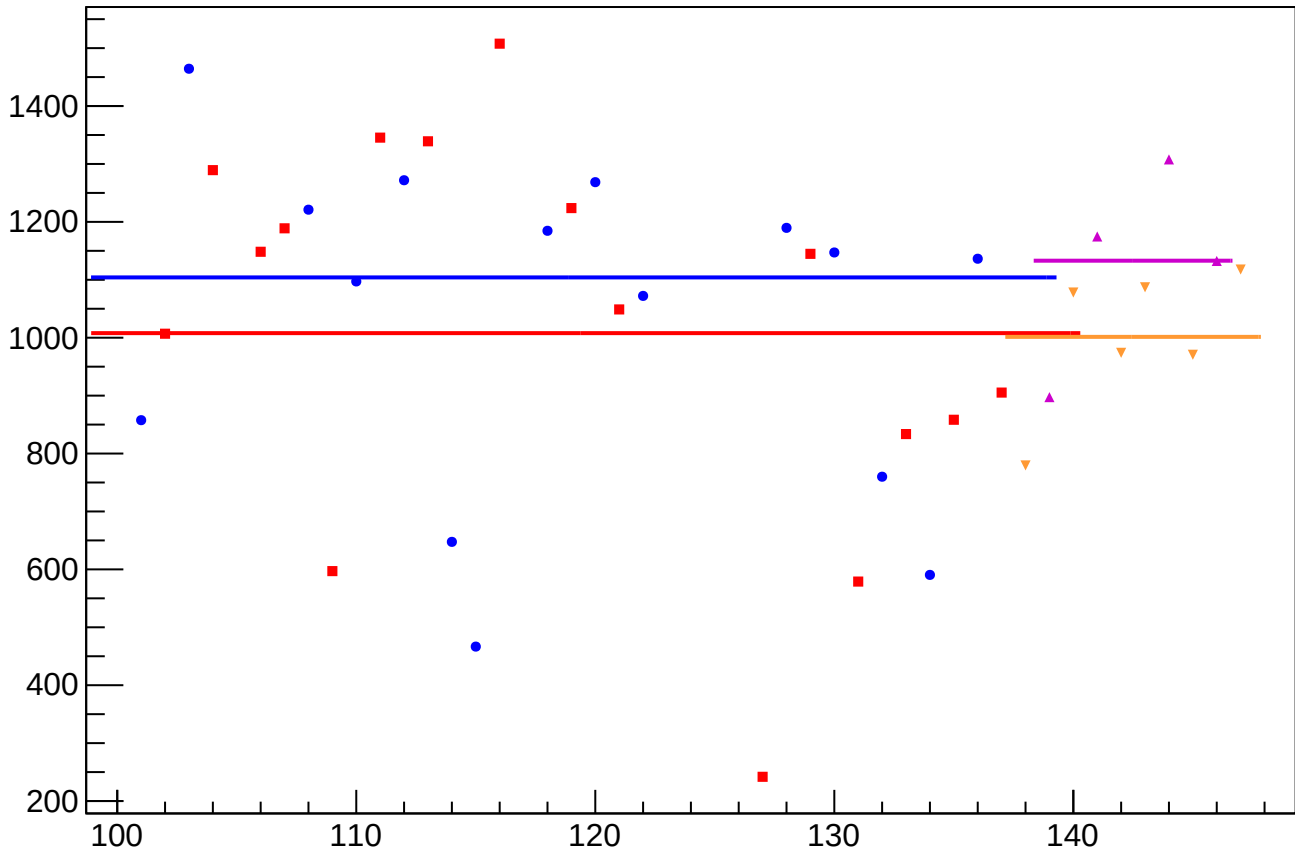
+ sign -4336.522+/-0.000 χ^2/NDF : 4823437202550
 All: -4220.768+/-0.000 χ^2/NDF : 9019628214
 - sign -4096.261+/-0.000 χ^2/NDF : 4166127258181

dit_atr2_coil3_err_mean vs Slug

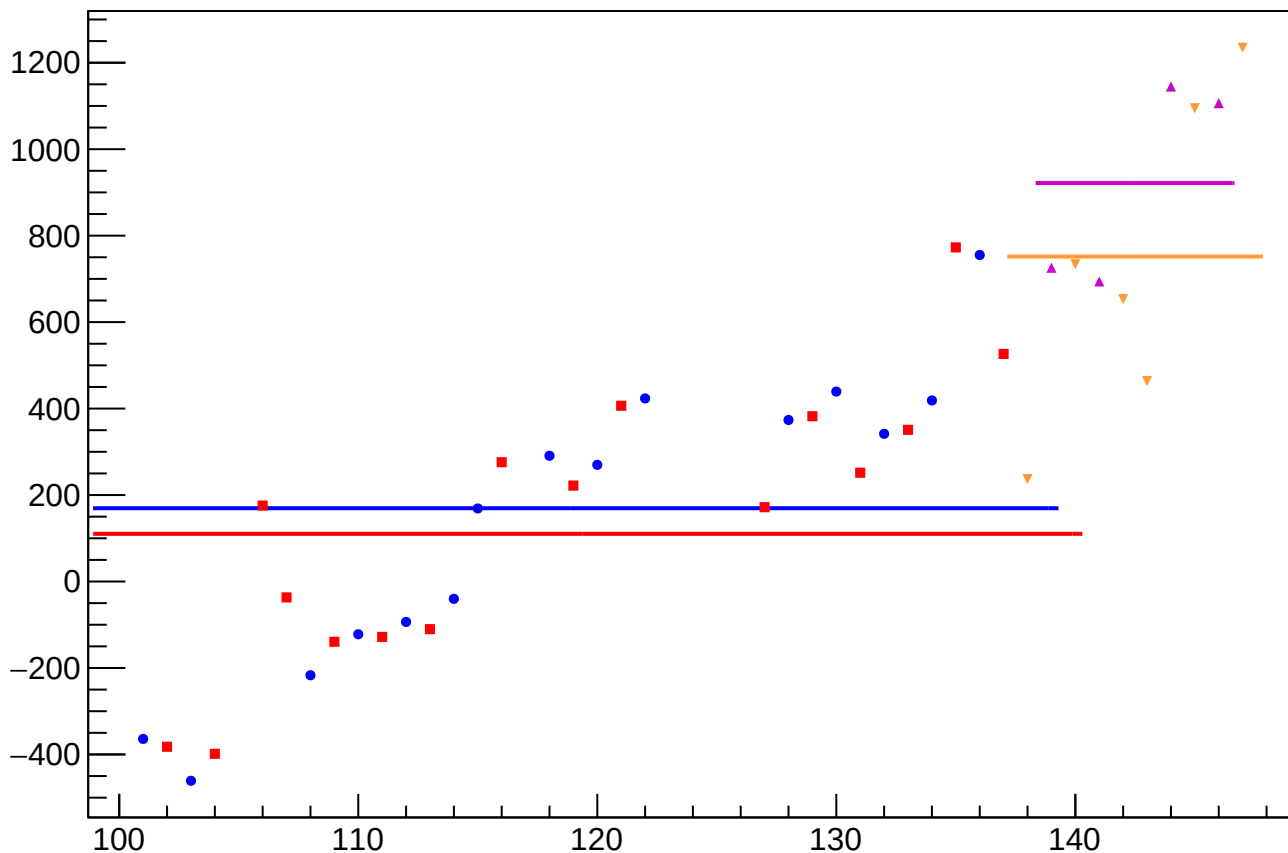


Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14
 Left Out: 614.092+/-0.000 χ^2/NDF : 12136357087775092504783707020193693696.0/5
 Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15
 Left In: 630.741+/-0.000 χ^2/NDF : 2072186715526836780327332255335710720.0/3

dit_atr2_coil3_Ndata_mean vs Slug



dit_sam1_coil3_mean vs Slug



Right In: 169.489+/-0.000 χ^2/NDF : 95435894585210891032426613567490359296.0/14

Left Out: 751.665+/-0.000 χ^2/NDF : 54449774385103095537173504429828079616.0/5

Right Out: 110.289+/-0.000 χ^2/NDF : 71770784102052938523592716508479881216.0/15

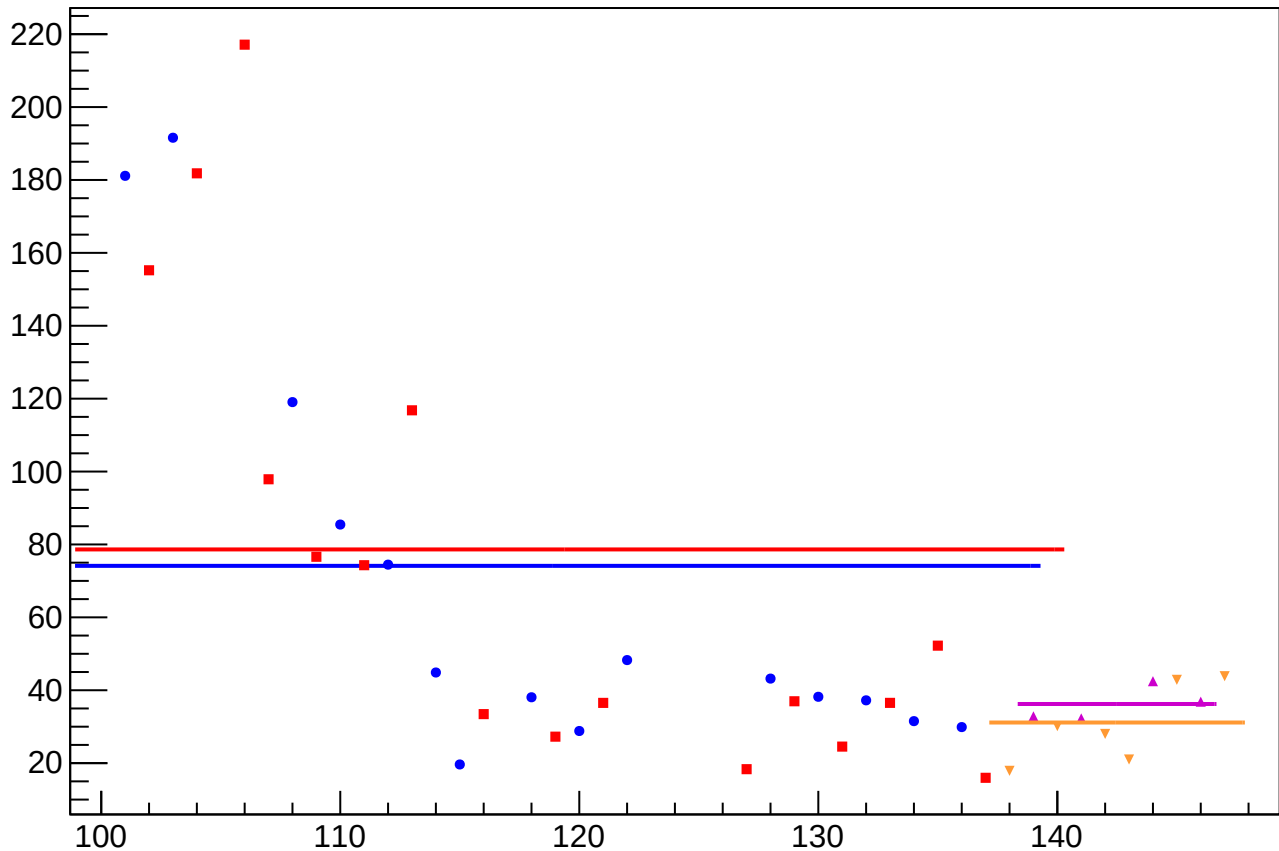
Left In: 921.685+/-0.000 χ^2/NDF : 14781180354292280940133779290923728896.0/3

+ sign 402.144+/-0.000 χ^2/NDF : 237790143653703

All: 393.006+/-0.000 χ^2/NDF : 472216677127

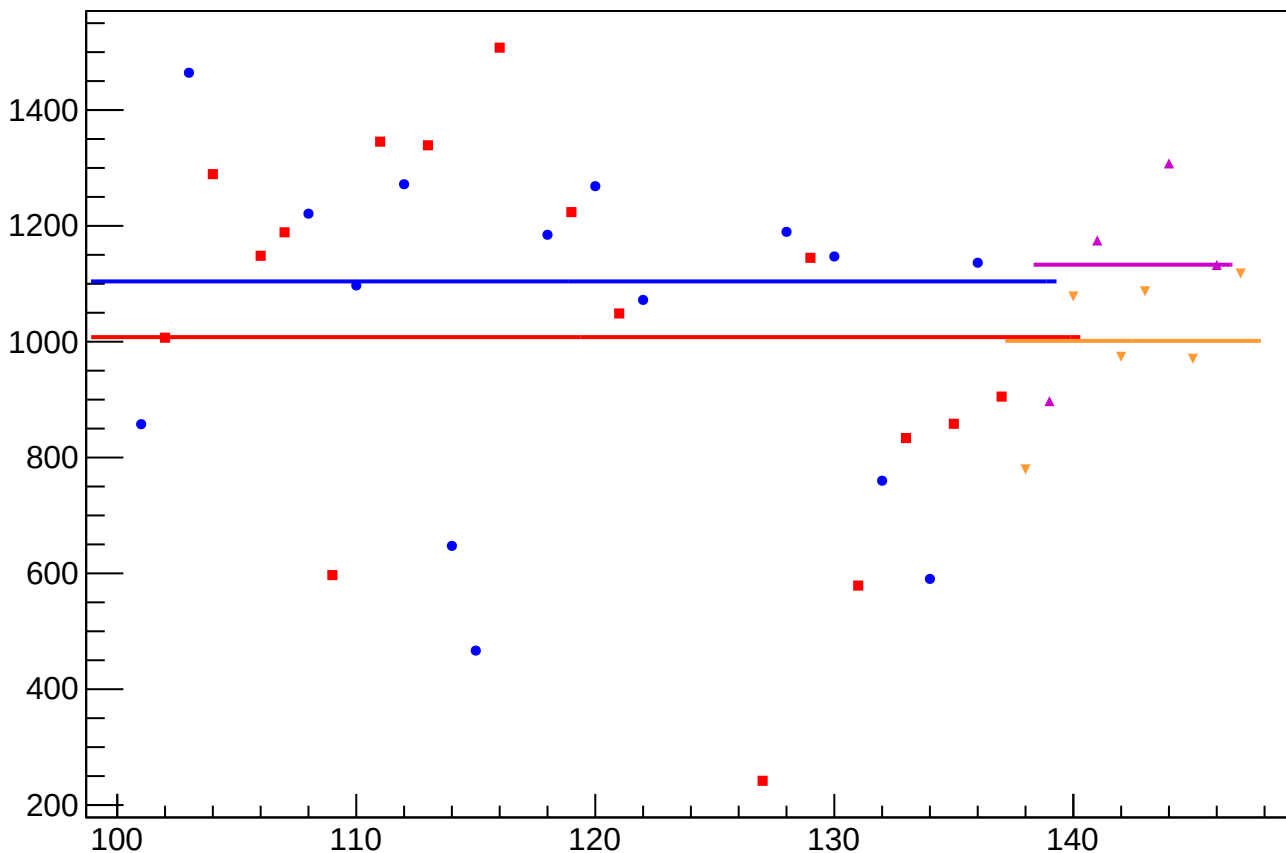
- sign 383.176+/-0.000 χ^2/NDF : 234239160379562

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129 $\pm$ 0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14
 Left Out: 31.146 $\pm$ 0.000 χ^2/NDF : 44835933182853977566891009544028160.0/5
 Right Out: 78.633 $\pm$ 0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15
 Left In: 36.226 $\pm$ 0.000 χ^2/NDF : 5770904502383344723514640927031296.0/3

dit_sam1_coil3_Ndata_mean vs Slug



Right In: 1104.111 $\pm$ 0.000 χ^2 /NDF: 32737841591587454251521906421545304064.0/14

Left Out: 1001.465 $\pm$ 0.000 χ^2 /NDF: 5981757699192272374348215836938862592.0/5

Right Out: 1007.906 $\pm$ 0.000 χ^2 /NDF: 69077878009873965622695939627477368832.0/15

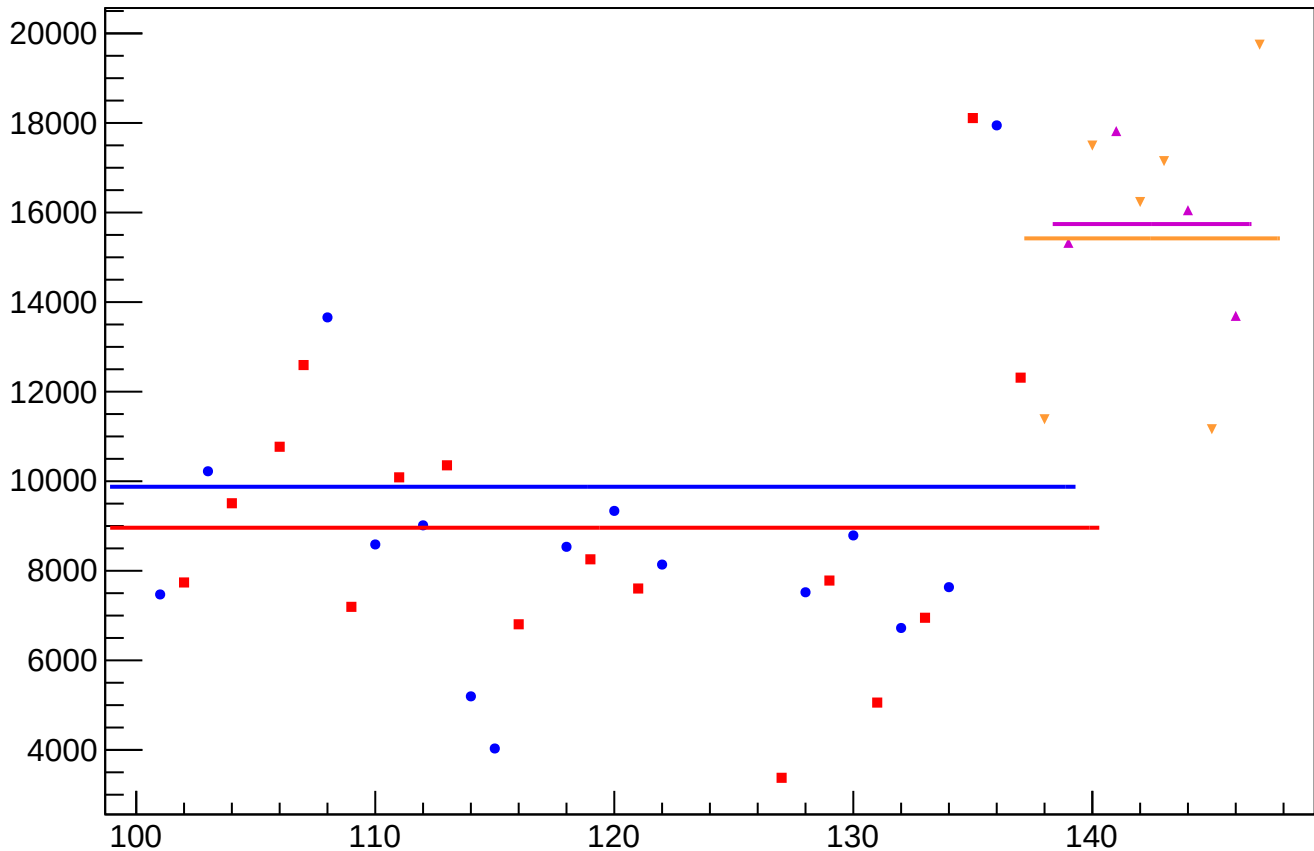
Left In: 1132.976 $\pm$ 0.000 χ^2 /NDF: 7365606445432876158809673715909918720.0/3

+ sign 1063.091 $\pm$ 0.000 χ^2 /NDF: 41452248914920

All: 1056.769 $\pm$ 0.000 χ^2 /NDF: 12149444202

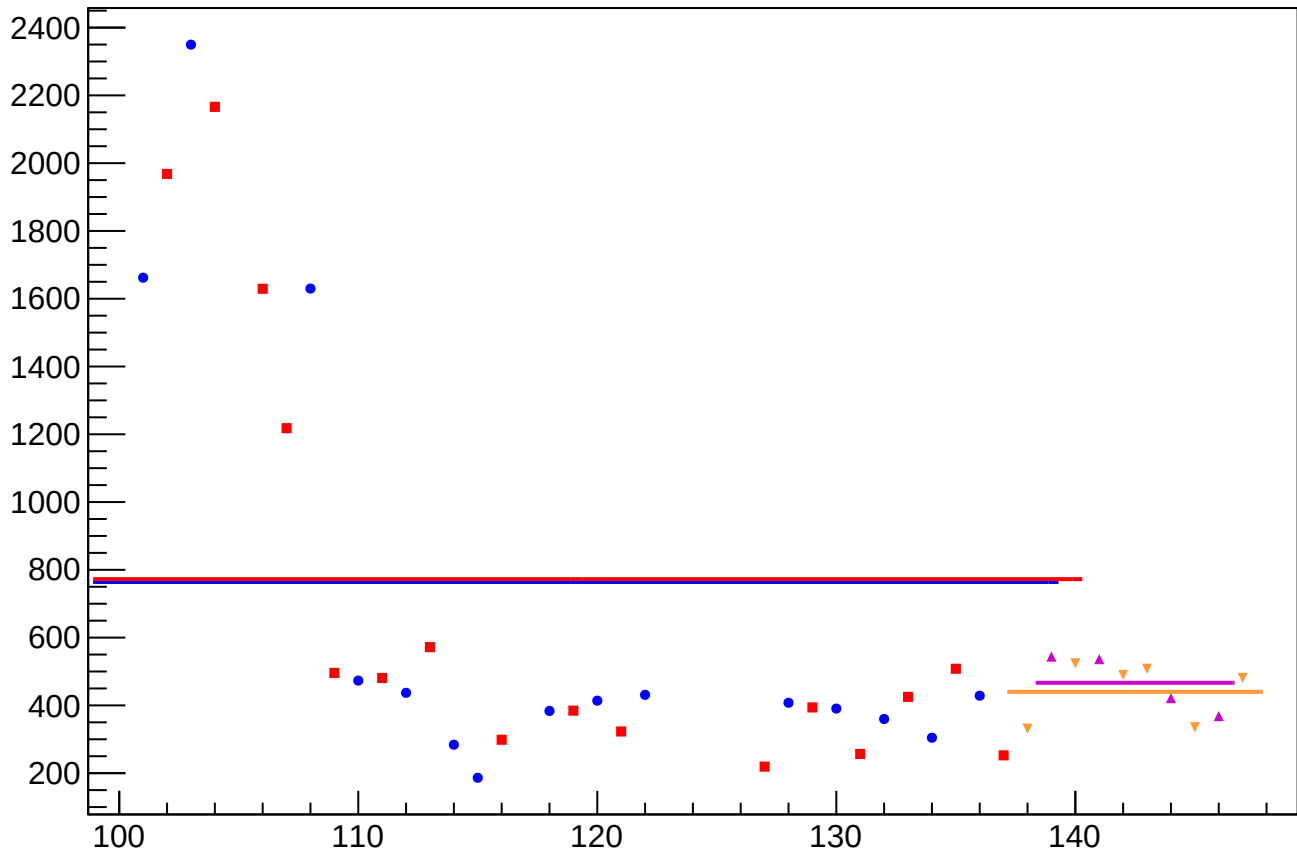
- sign 1049.969 $\pm$ 0.000 χ^2 /NDF: 79952523638961

dit_sam2_coil3_mean vs Slug



Right In: 9876.530+/-0.000 χ^2/NDF : 8483360287053054122301651905797133697024.0/14
 Left Out: 15422.798+/-0.000 χ^2/NDF : 4785075557858622525540331608409234210816.0/5
 Right Out: 8961.593+/-0.000 χ^2/NDF : 7583728644146461427304320888408335450112.0/15
 Left In: 15742.744+/-0.000 χ^2/NDF : 738103014395838627481142493433074548736.0/3

dit_sam2_coil3_err_mean vs Slug



Right In: 764.284+/-0.000 χ^2/NDF : 290964758058269480005067205020030599168.0/14

Left Out: 440.054+/-0.000 χ^2/NDF : 2940149395191382693513228892275474432.0/5

Right Out: 772.547+/-0.000 χ^2/NDF : 285902138904642401278625587631891677184.0/15

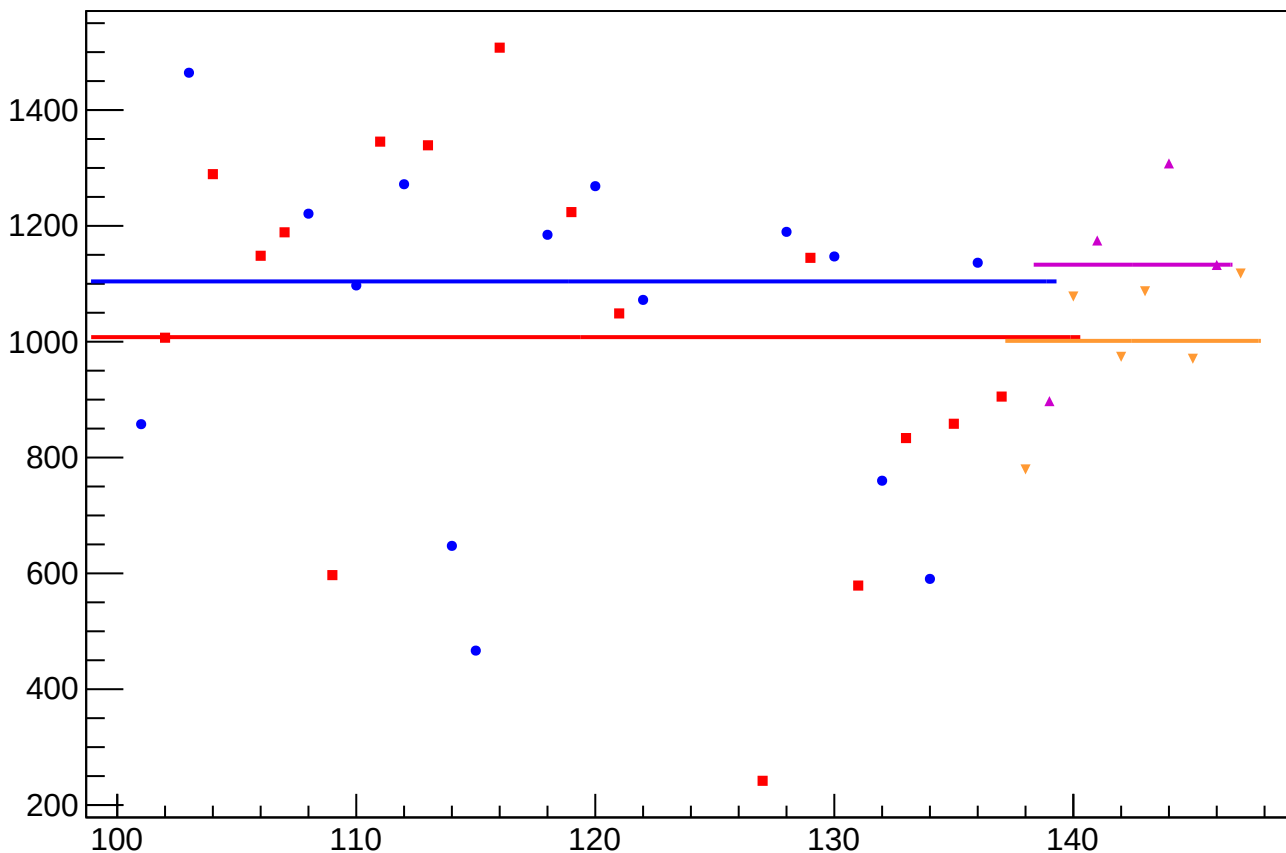
Left In: 466.739+/-0.000 χ^2/NDF : 1878932486395222040428149698715451392.0/3

+ sign 634.712+/-0.000 χ^2/NDF : 321170189618247

All: 651.568+/-0.000 χ^2/NDF : 63056729536

- sign 669.699+/-0.000 χ^2/NDF : 308759607243800

dit_sam2_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

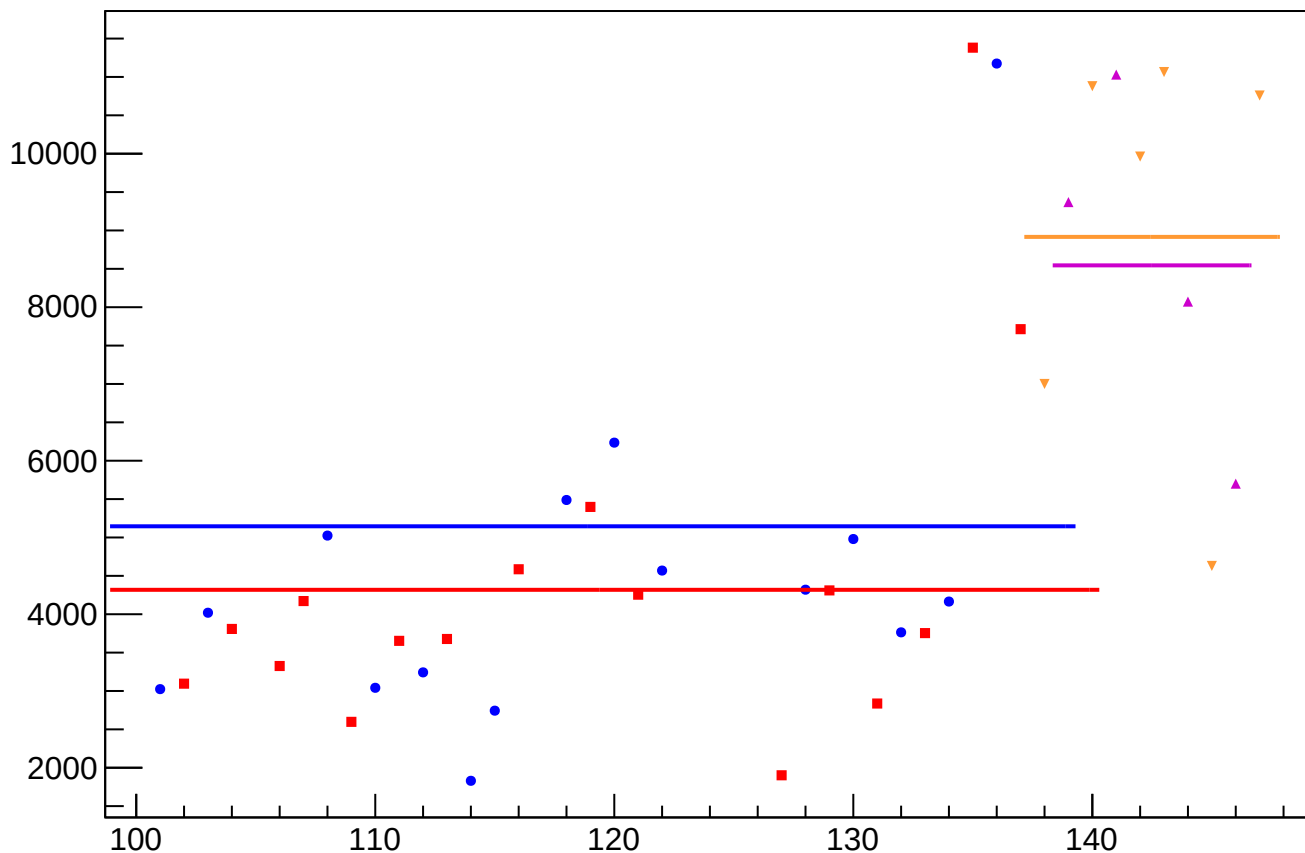
Left In: 1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1056.769+/-0.000 χ^2/NDF : 12149444202

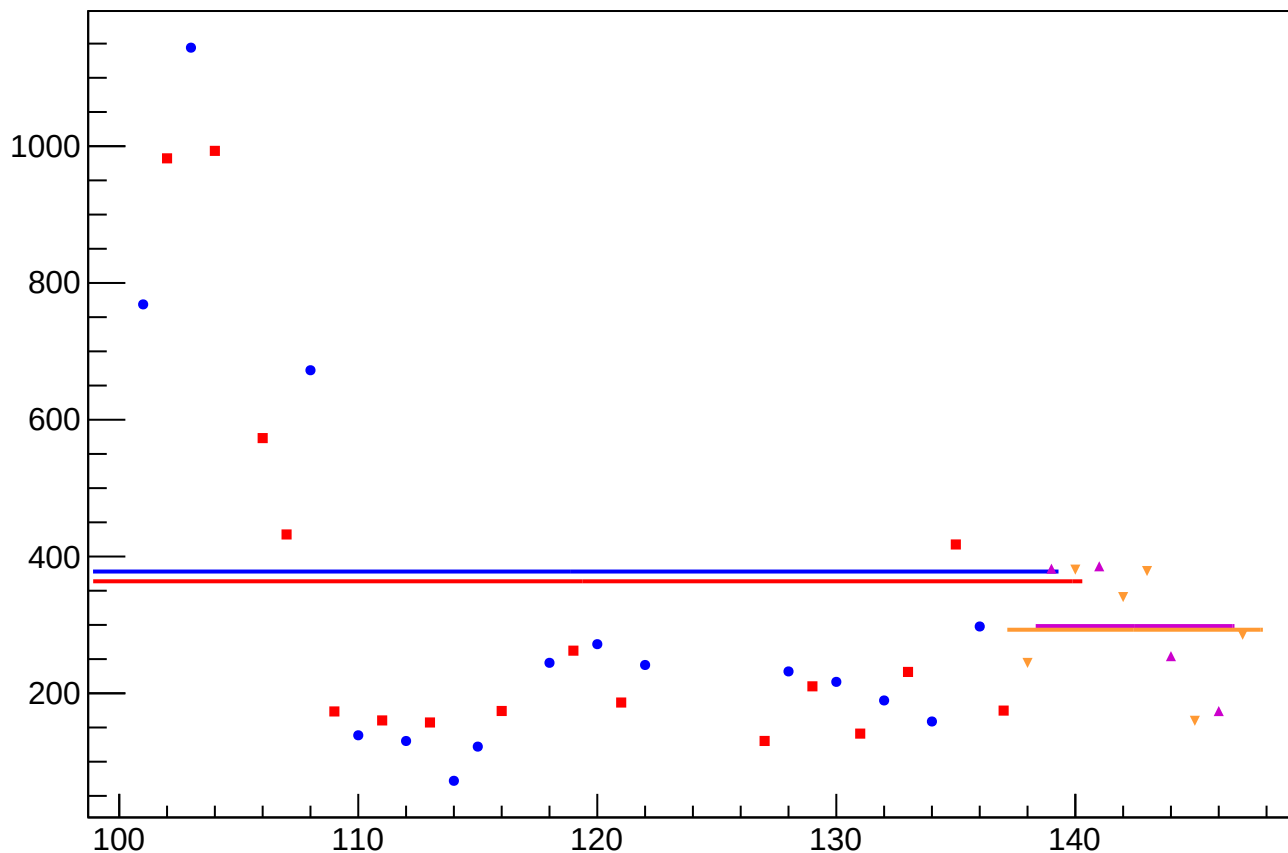
- sign 1049.969+/-0.000 χ^2/NDF : 79952523638961

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000 χ^2/NDF : 4272867262459372237810540195851662262272.0/14
 Left Out: 8916.177+/-0.000 χ^2/NDF : 2715053129139188807340919513072166502400.0/5
 Right Out: 4318.126+/-0.000 χ^2/NDF : 3345176554564755427312533888908526616576.0/15
 Left In: 8545.139+/-0.000 χ^2/NDF : 1271305587460965328954581492467339624448.0/3

dit_sam3_coil3_err_mean vs Slug



Right In: 378.052 $\pm$ 0.000 χ^2/NDF : 61516590022593053040860760861331947520.0/14

Left Out: 292.961 $\pm$ 0.000 χ^2/NDF : 2855943479917925913567688586799611904.0/5

Right Out: 363.772 $\pm$ 0.000 χ^2/NDF : 59031337484709801804181439342706688000.0/15

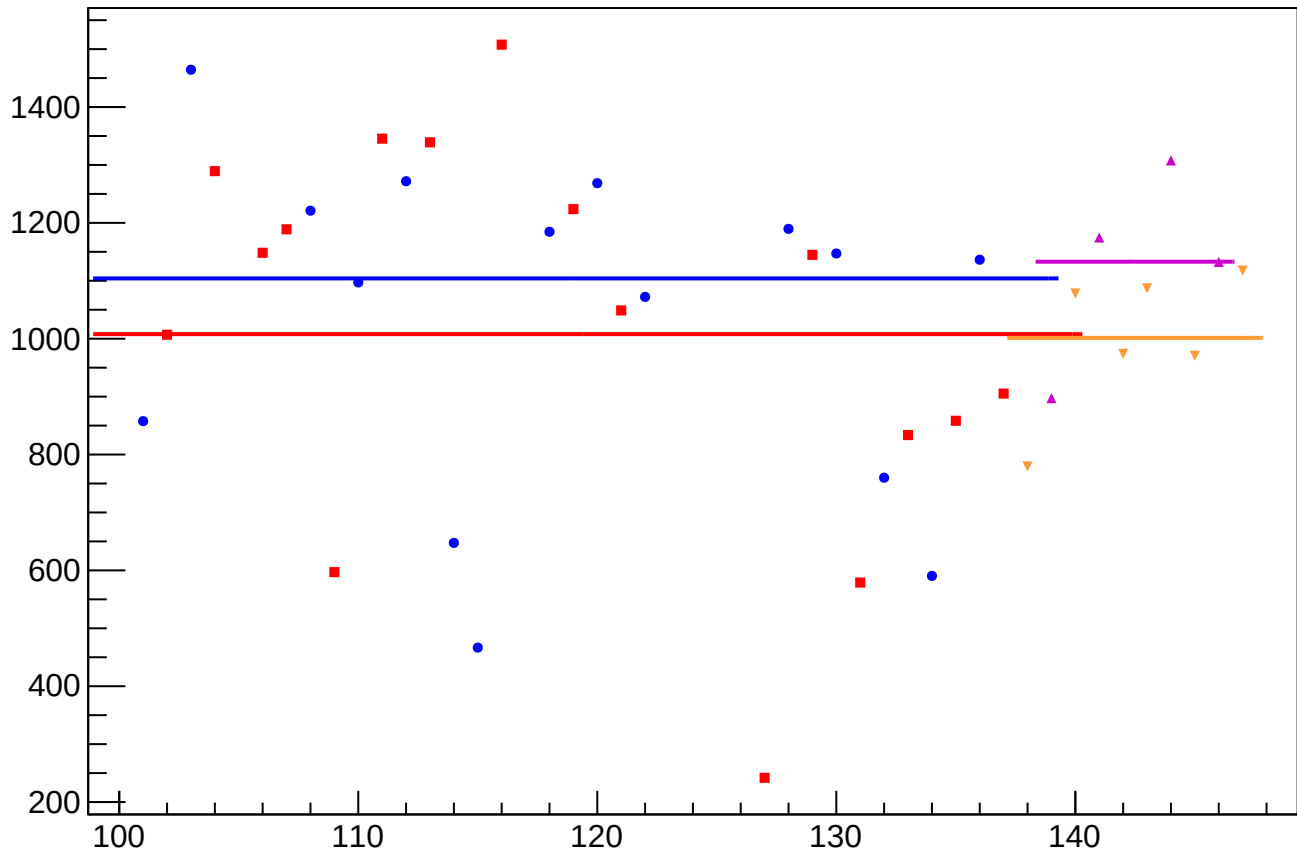
Left In: 298.309 $\pm$ 0.000 χ^2/NDF : 2674160709747478128248097958204014592.0/3

+ sign 344.047 $\pm$ 0.000 χ^2/NDF : 662504149031049

All: 342.943 $\pm$ 0.000 χ^2/NDF : 128919968106

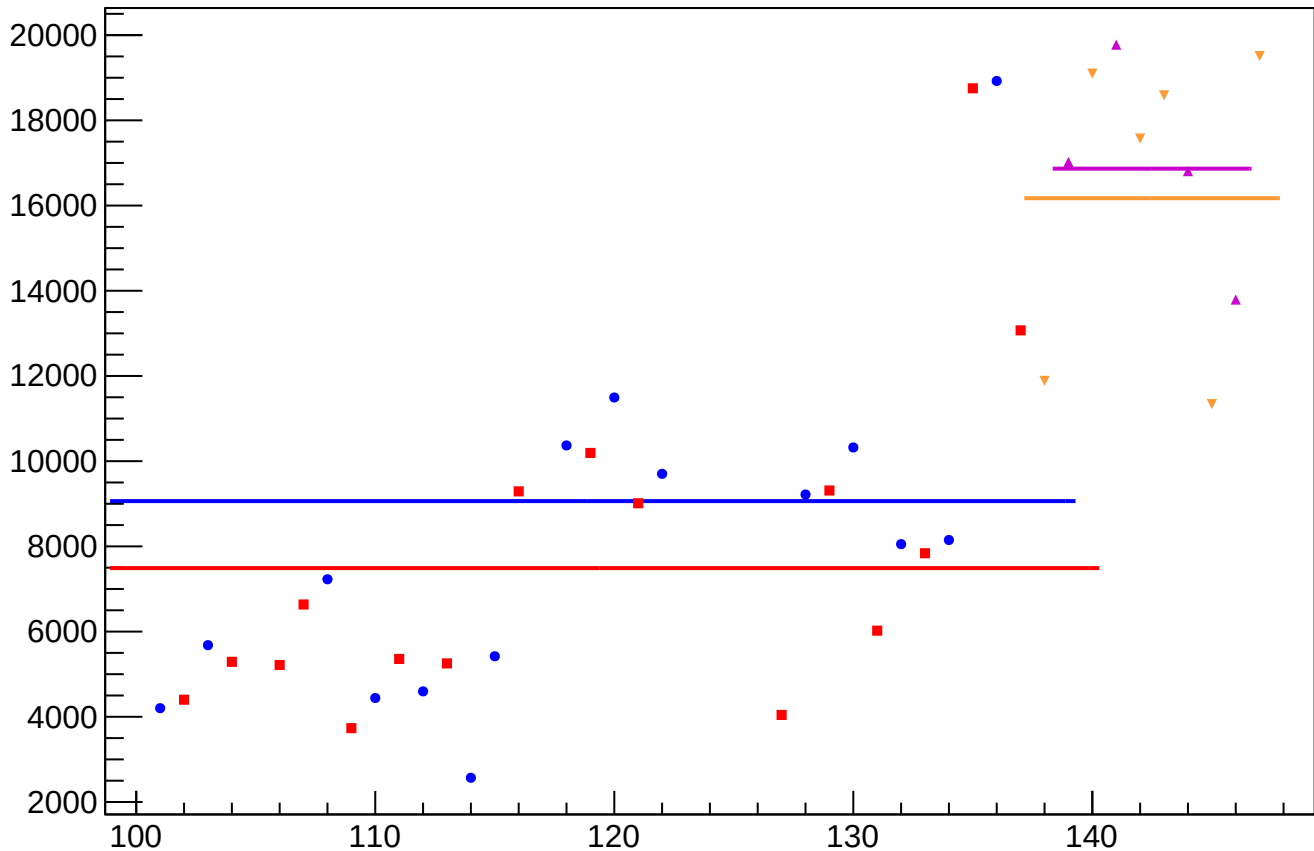
- sign 341.756 $\pm$ 0.000 χ^2/NDF : 626668193257078

dit_sam3_coil3_Ndata_mean vs Slug



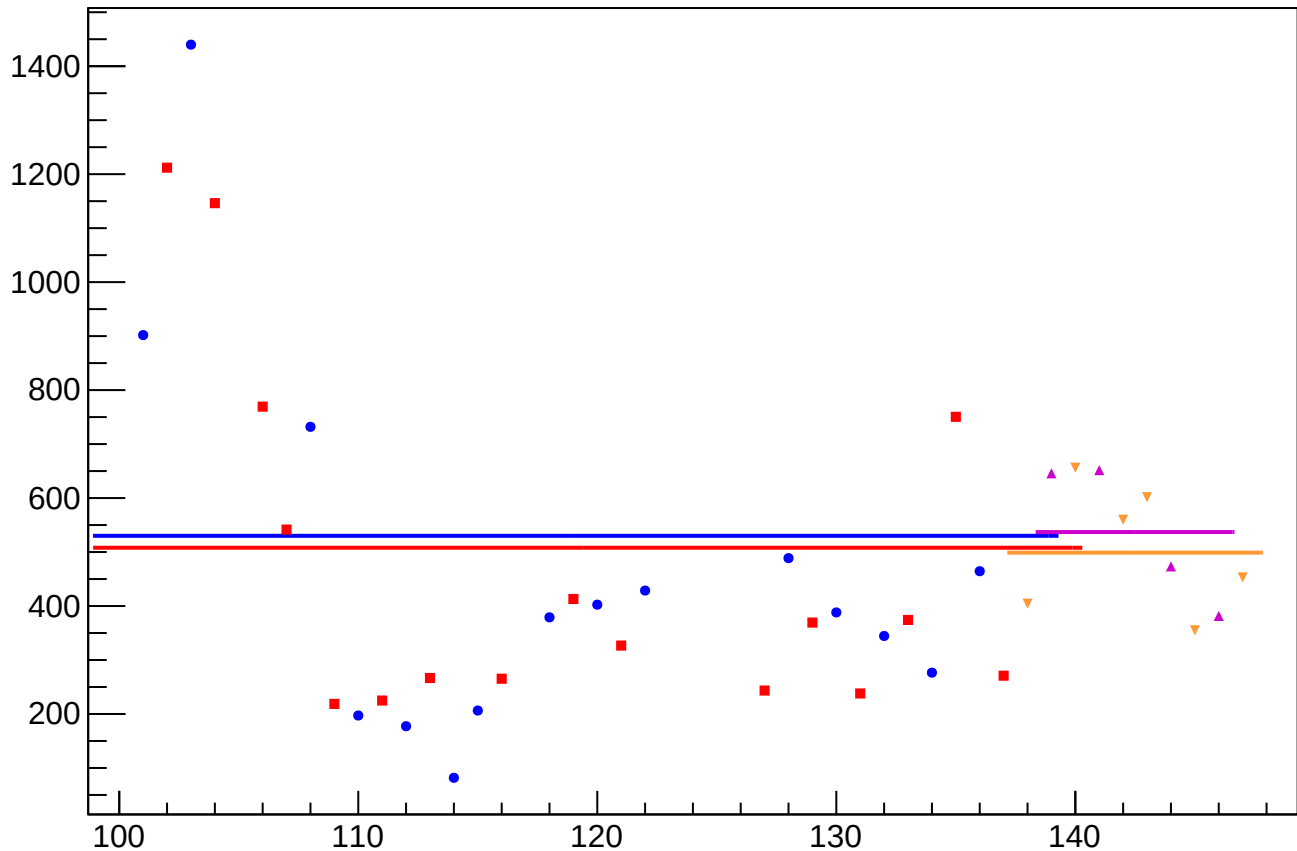
Right In: 1104.111 +/- 0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14
 Left Out: 1001.465 +/- 0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5
 Right Out: 1007.906 +/- 0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15
 Left In: 1132.976 +/- 0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3
 All: 1056.769 +/- 0.000 χ^2/NDF : 12149444202.0/3
 + sign 1063.091 +/- 0.000 χ^2/NDF : 41452248914920.0/3
 - sign 1049.969 +/- 0.000 χ^2/NDF : 79952523638961.0/3

dit_sam4_coil3_mean vs Slug



Right In: 9062.710+/-0.000 χ^2/NDF : 13621066943114354594159252409175431446528.0/14
 Left Out: 16172.897+/-0.000 χ^2/NDF : 5376315698286901615631364416023264493568.0/5
 Right Out: 7490.147+/-0.000 χ^2/NDF : 10108202124204139932285006457388239159296.0/15
 Left In: 16865.865+/-0.000 χ^2/NDF : 1505459136405159643877068607512769462272.0/3

dit_sam4_coil3_err_mean vs Slug



Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

Left Out: 498.883+/-0.000 χ^2/NDF : 5447400044443909124183240123711750144.0/5

Right Out: 507.987+/-0.000 χ^2/NDF : 76689734698308464337881841969555046400.0/15

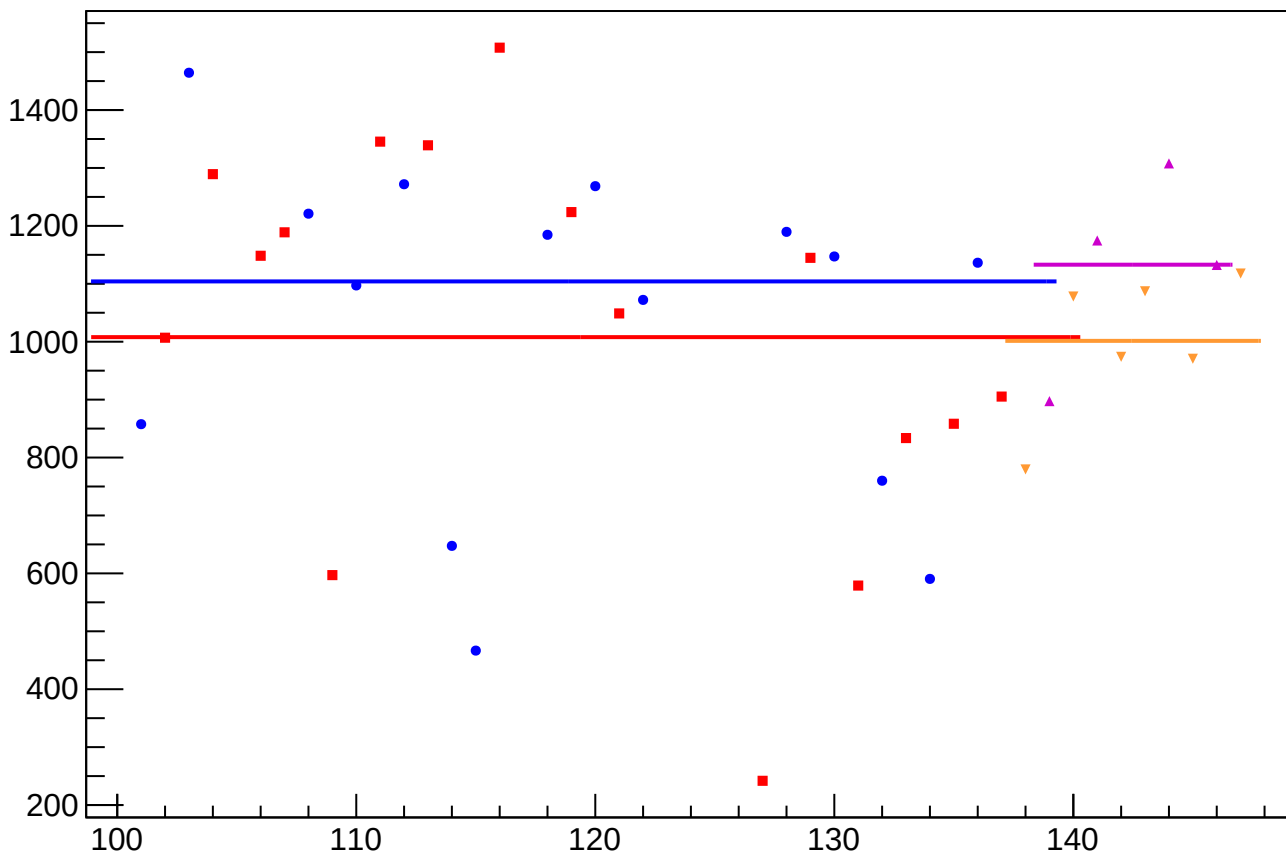
Left In: 537.038+/-0.000 χ^2/NDF : 4442309698448367011912799641644564480.0/3

+ sign 517.599+/-0.000 χ^2/NDF : 844541359829267

All: 517.675+/-0.000 χ^2/NDF : 165775510938

- sign 517.757+/-0.000 χ^2/NDF : 813213619391494

dit_sam4_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

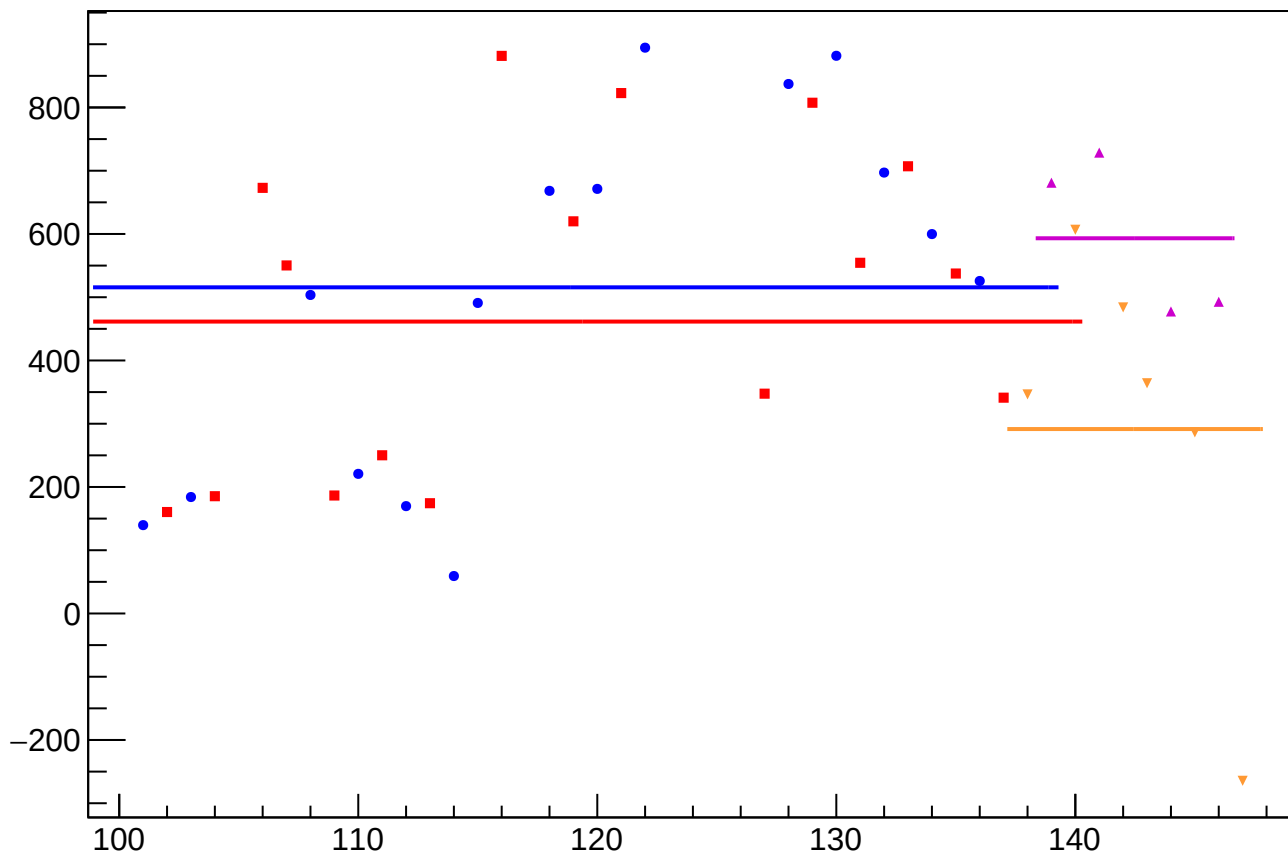
Left In: 1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1056.769+/-0.000 χ^2/NDF : 12149444202

- sign 1049.969+/-0.000 χ^2/NDF : 79952523638961

dit_sam5_coil3_mean vs Slug



Right In: 515.635+/-0.000 χ^2/NDF : 48465403420573957292673062371162324992.0/14

Left Out: 291.587+/-0.000 χ^2/NDF : 34552402499006722024093163028725366784.0/5

Right Out: 461.497+/-0.000 χ^2/NDF : 40473746660091355928063306884368564224.0/15

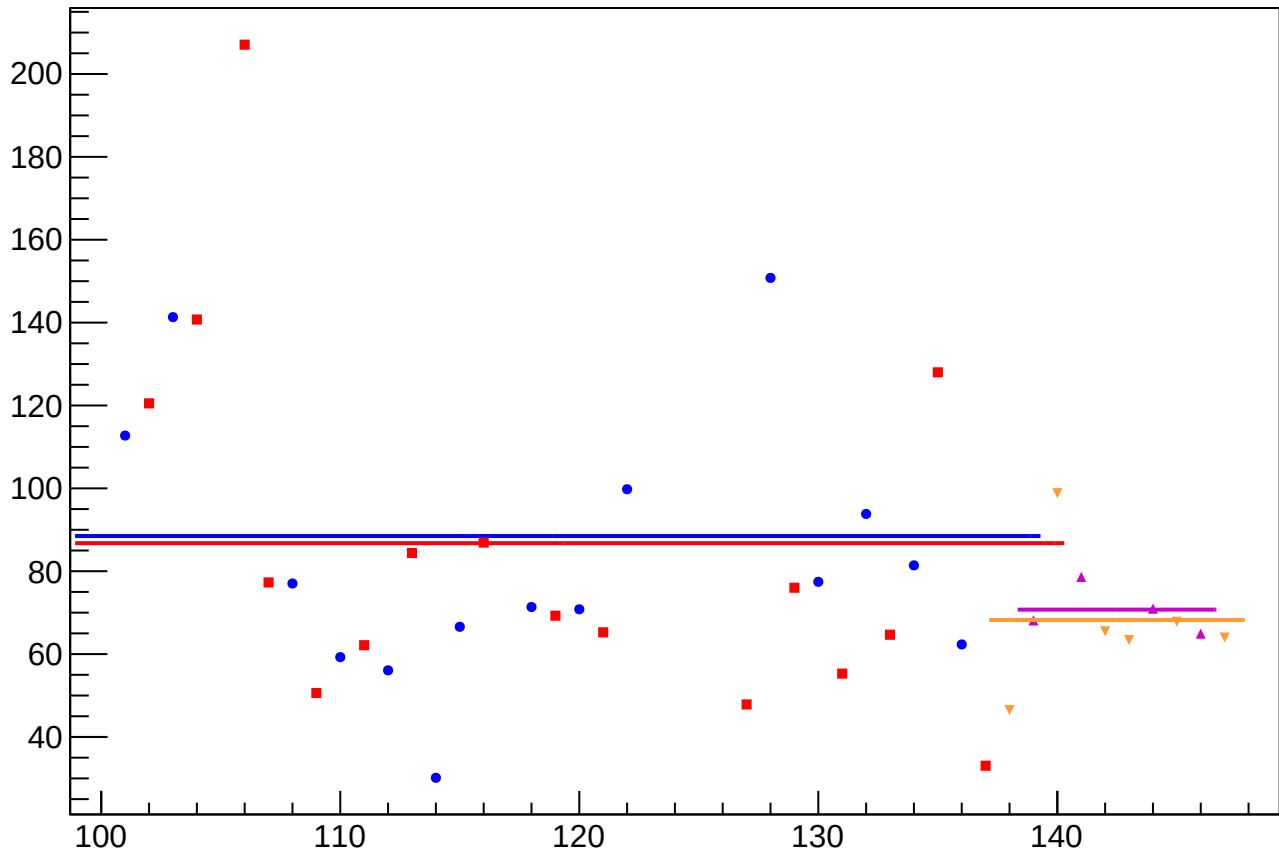
Left In: 593.197+/-0.000 χ^2/NDF : 4212098498704665998771628977839669248.0/3

+ sign 426.099+/-0.000 χ^2/NDF : 960370188687889

All: 464.493+/-0.000 χ^2/NDF : 147921242308

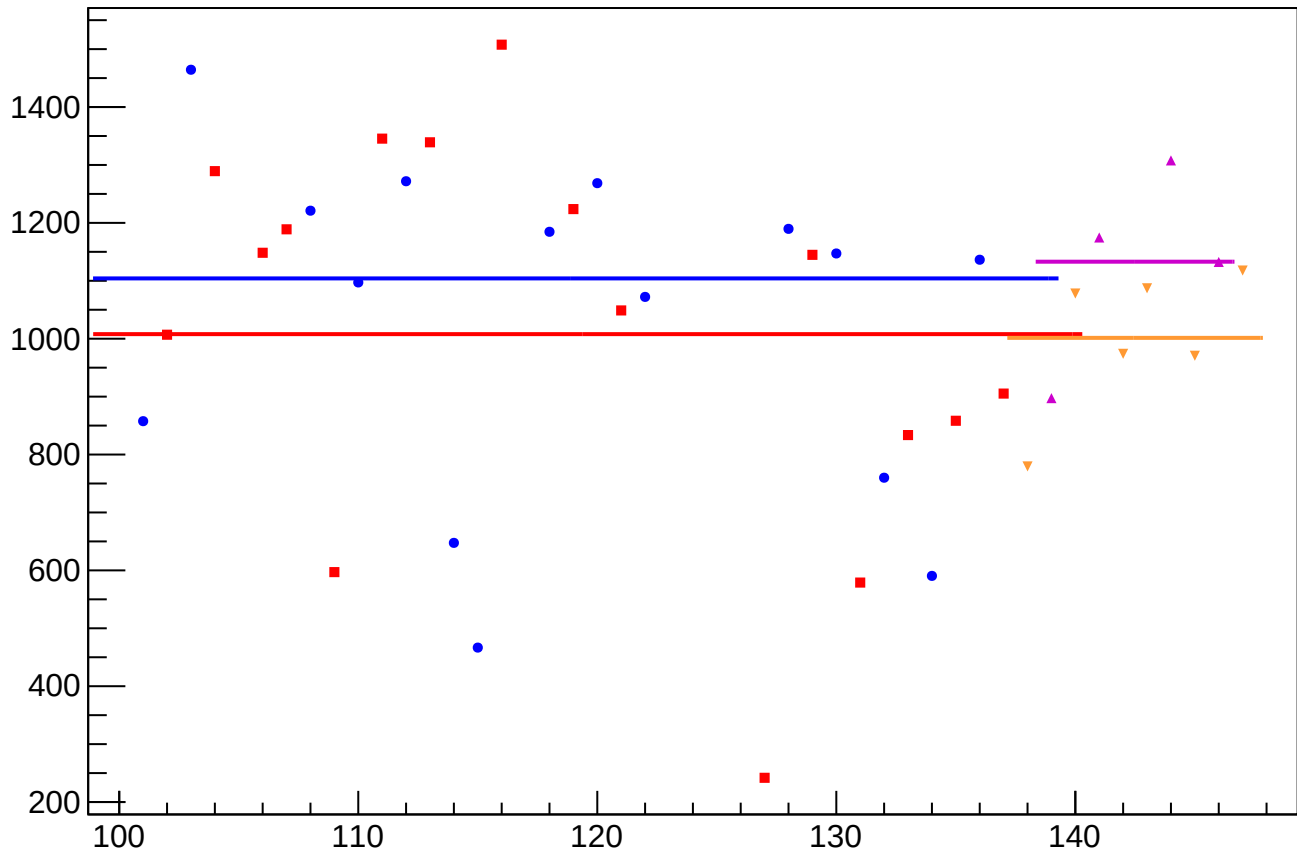
- sign 505.790+/-0.000 χ^2/NDF : 485767362924325

dit_sam5_coil3_err_mean vs Slug



Right In: 88.493+/-0.000 χ^2/NDF : 643231155193035512625817963208900608.0/14
 Left Out: 68.223+/-0.000 χ^2/NDF : 117080090883020105905393988335042560.0/5
 Right Out: 86.773+/-0.000 χ^2/NDF : 1059206766314086021240525003228708864.0/15
 Left In: 70.732+/-0.000 χ^2/NDF : 8640318185441259390626861563248640.0/3
 All: 80.867+/-0.000 χ^2/NDF : 1992956359067.0/15

dit_sam5_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

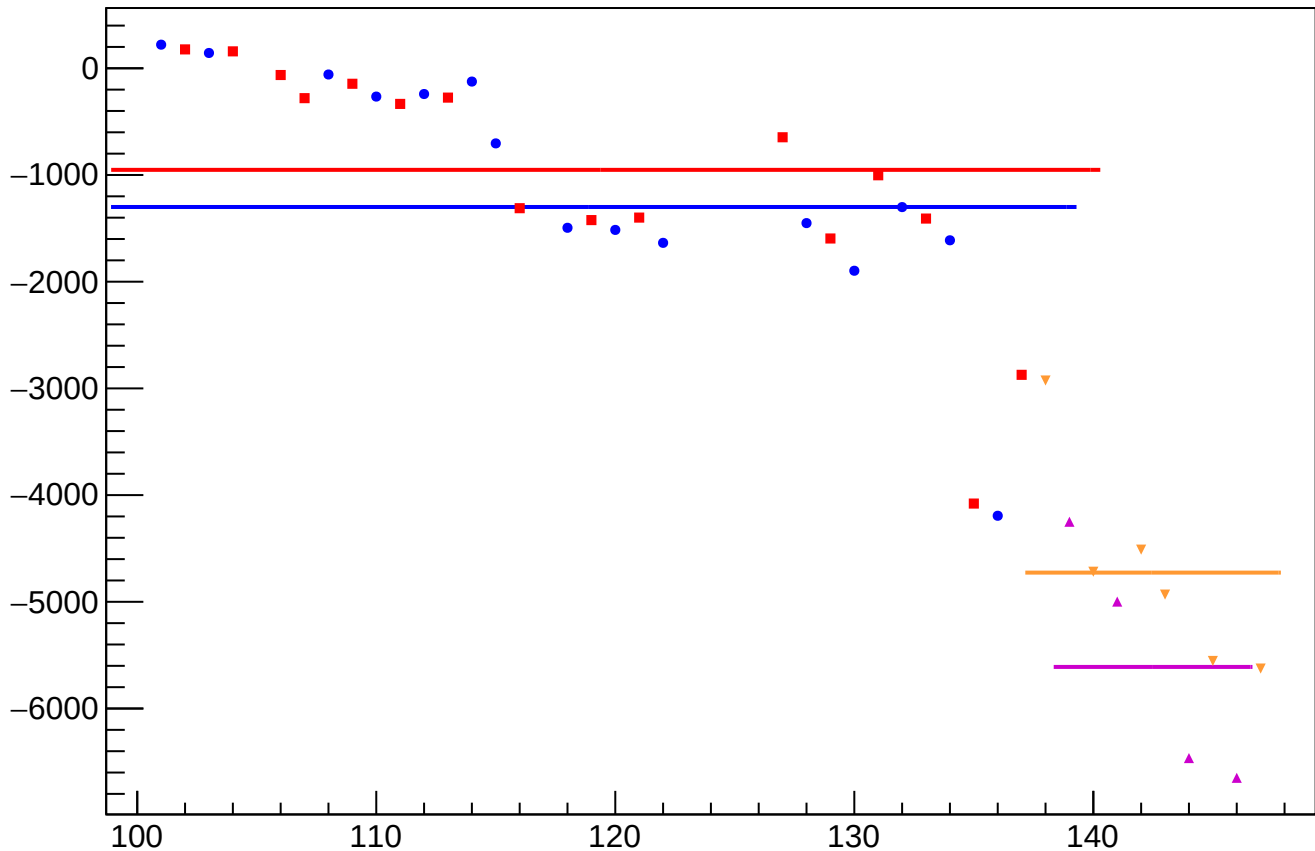
Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

All: 1056.769+/-0.000 χ^2/NDF : 12149444202.0/3

dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000

χ^2/NDF : 1199649252163216367086408691577524322304.0/14

Left Out: -4726.328+/-0.000

+ sign -2669.205+/-0.000 χ^2/NDF : 4620981792975

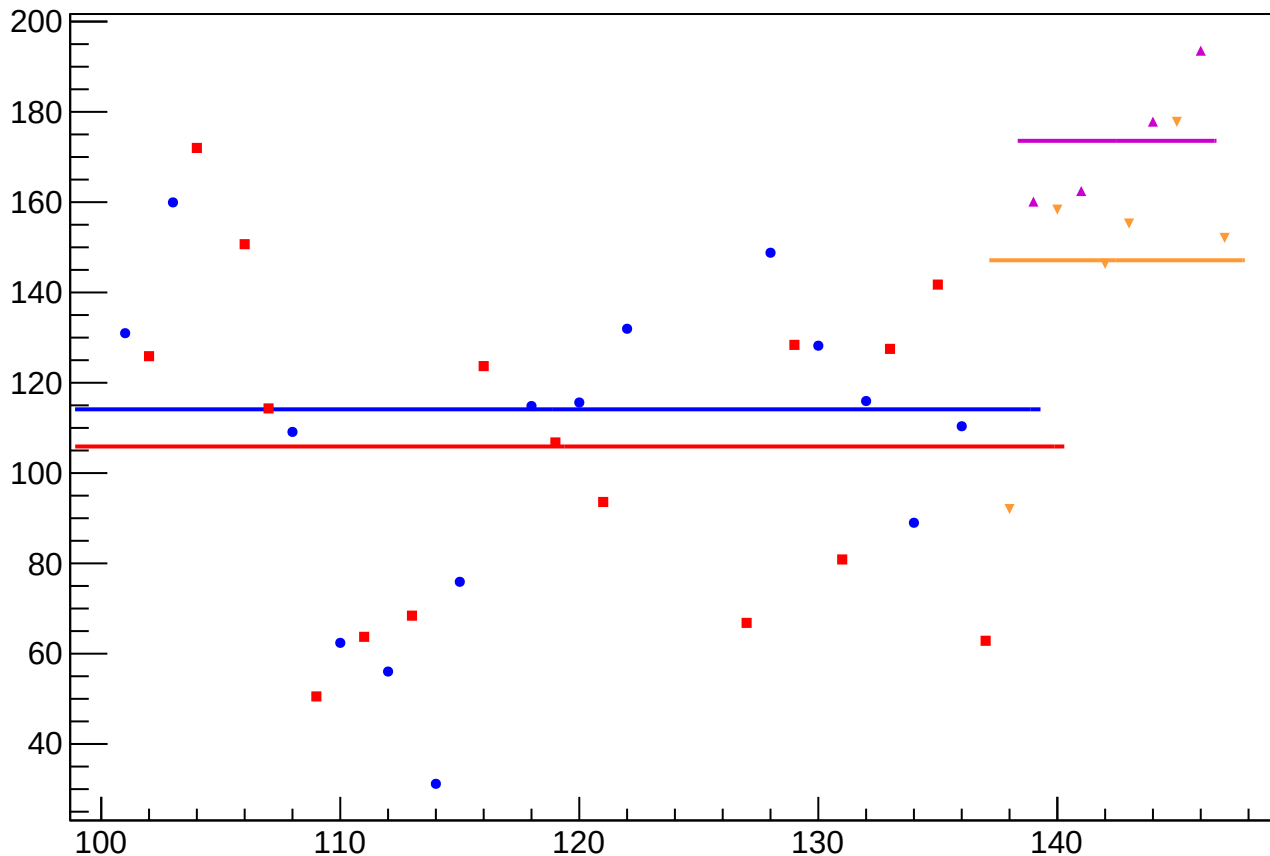
Right Out: -951.903+/-0.000

All: -2596.632+/-0.000 χ^2/NDF : 1067822176

Left In: -5610.189+/-0.000

- sign -2518.570+/-0.000 χ^2/NDF : 60454223779252

dit_sam6_coil3_err_mean vs Slug



Right In: 114.118 $\pm$ 0.000 χ^2 /NDF: 607226770891525118881736460452495360.0/14

Left Out: 147.133 $\pm$ 0.000 χ^2 /NDF: 329544528148057971591320531460161536.0/5

Right Out: 105.890 $\pm$ 0.000 χ^2 /NDF: 851861355270591521058611007535972352.0/15

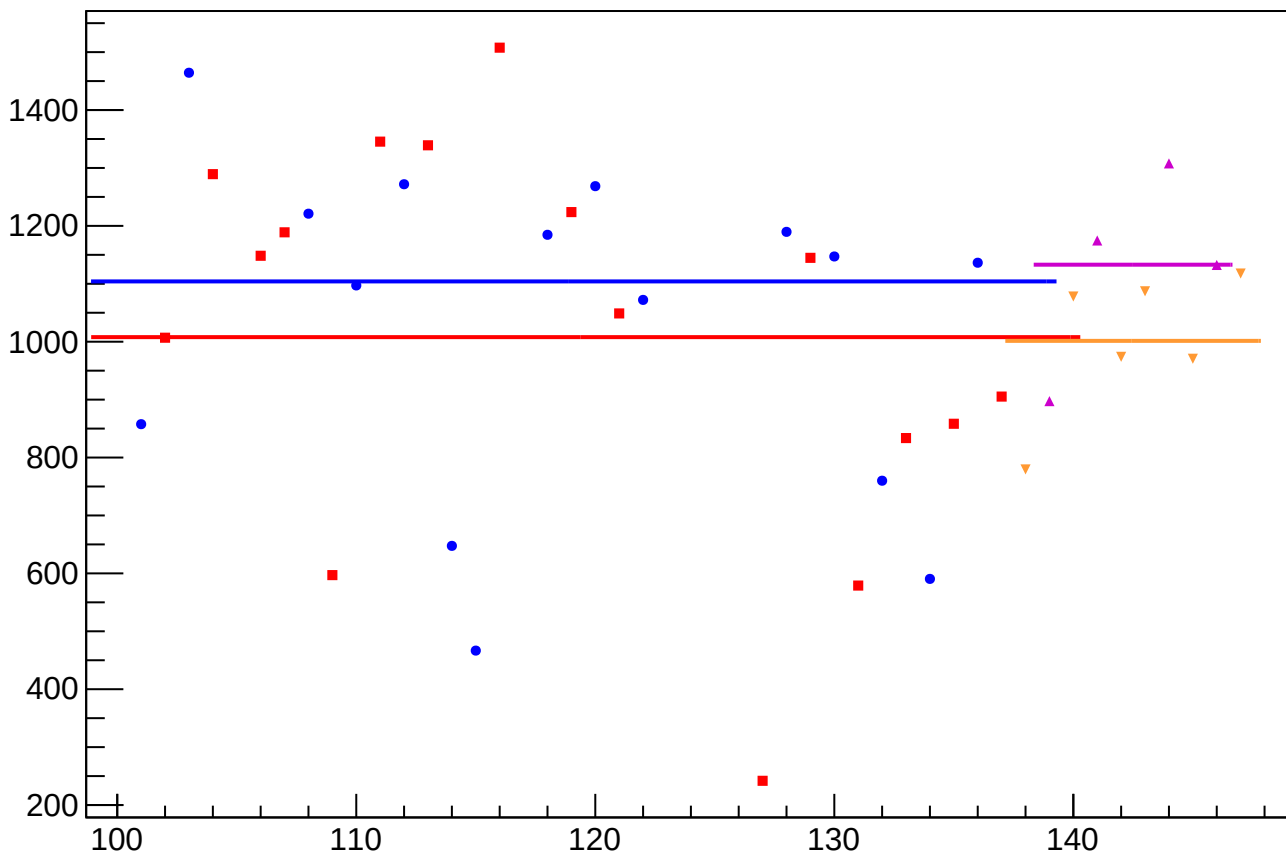
Left In: 173.588 $\pm$ 0.000 χ^2 /NDF: 59878492911206274718591435224907776.0/3

+ sign 127.312 $\pm$ 0.000 χ^2 /NDF: 121946568330794

All: 127.960 $\pm$ 0.000 χ^2 /NDF: 316023144406

- sign 128.658 $\pm$ 0.000 χ^2 /NDF: 193982209080785

dit_sam6_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

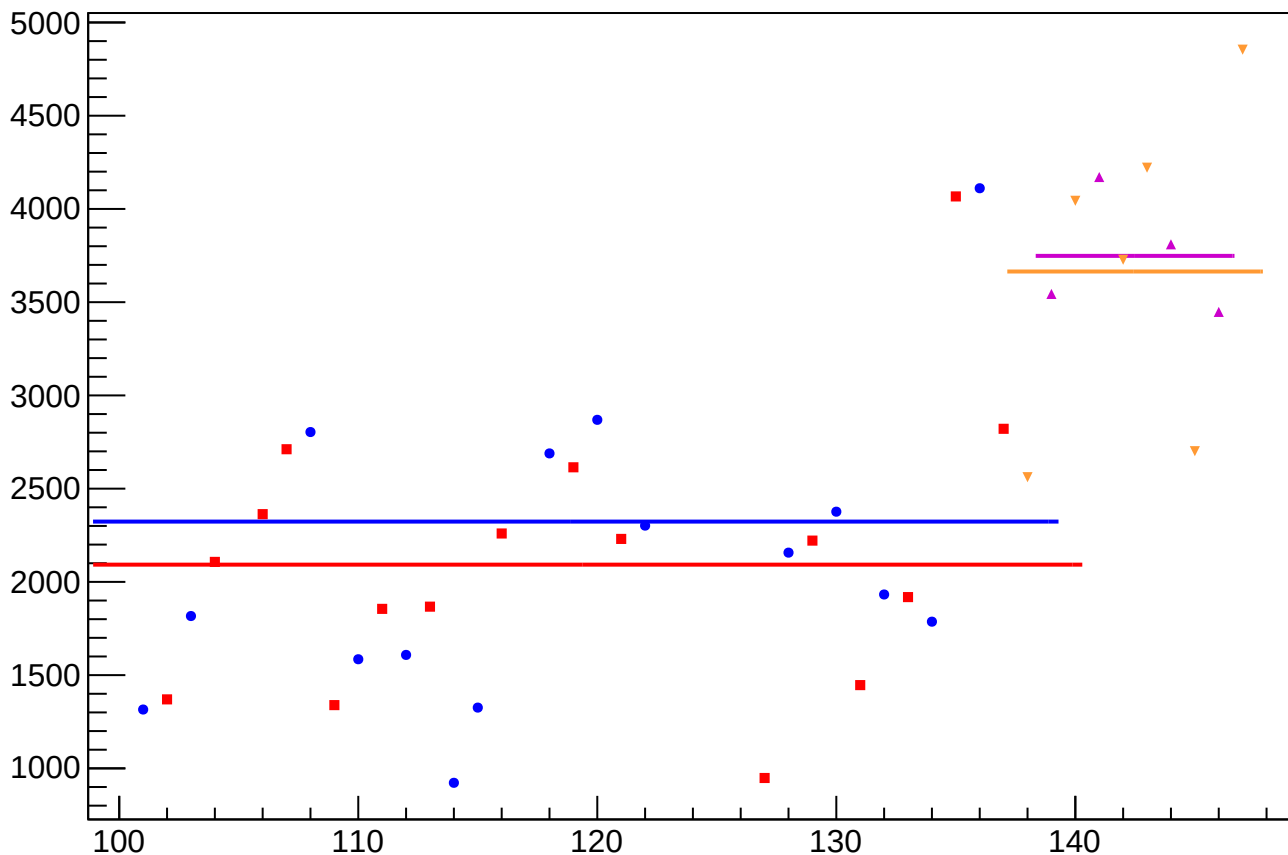
Left In: 1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1056.769+/-0.000 χ^2/NDF : 12149444202

- sign 1049.969+/-0.000 χ^2/NDF : 79952523638961

dit_sam7_coil3_mean vs Slug



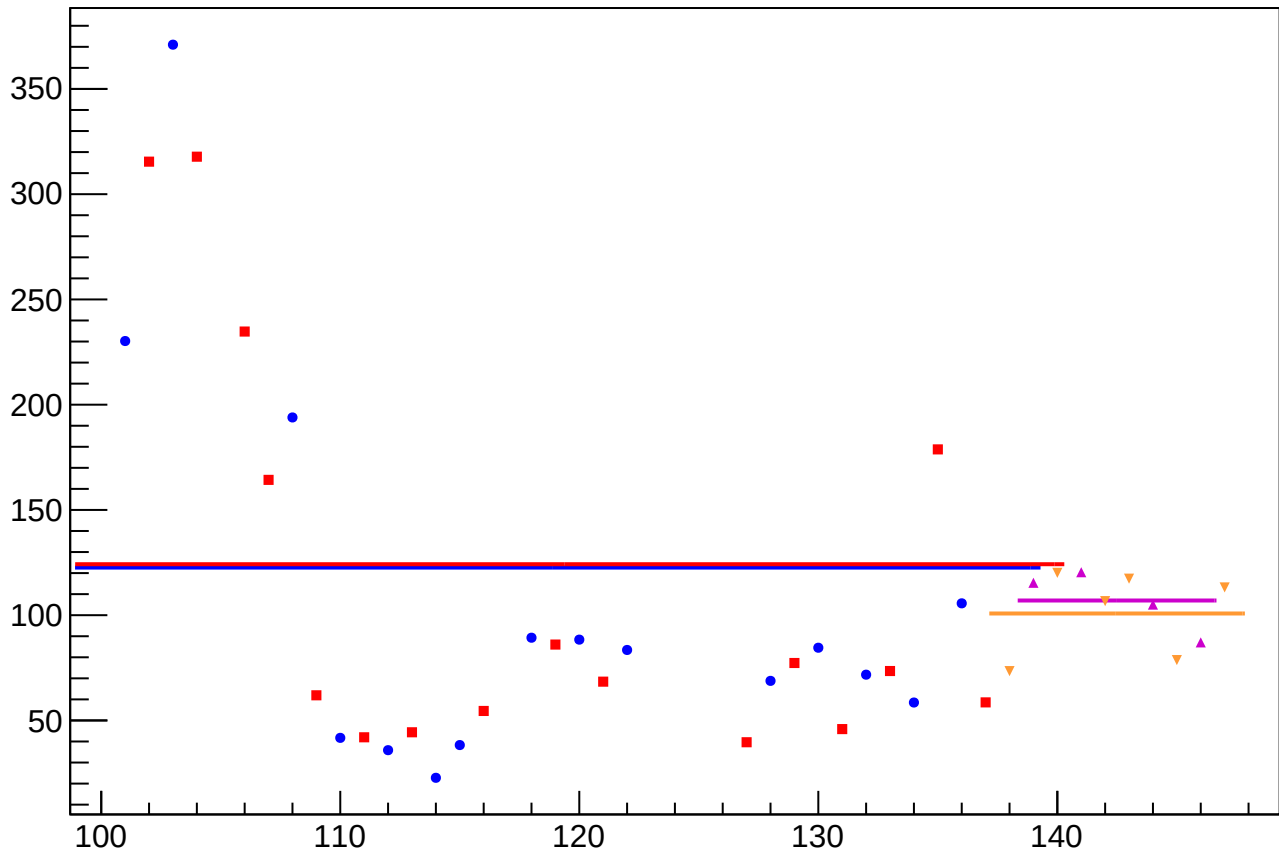
Right In: 2323.372+/-0.000 χ^2/NDF : 476371189888349375964725620757728591872.0/14

Left Out: 3664.483+/-0.000 χ^2/NDF : 313243881557557433133513862515158679552.0/5

Right Out: 2092.458+/-0.000 χ^2/NDF : 367126080872166122663684022473339174912.0/15

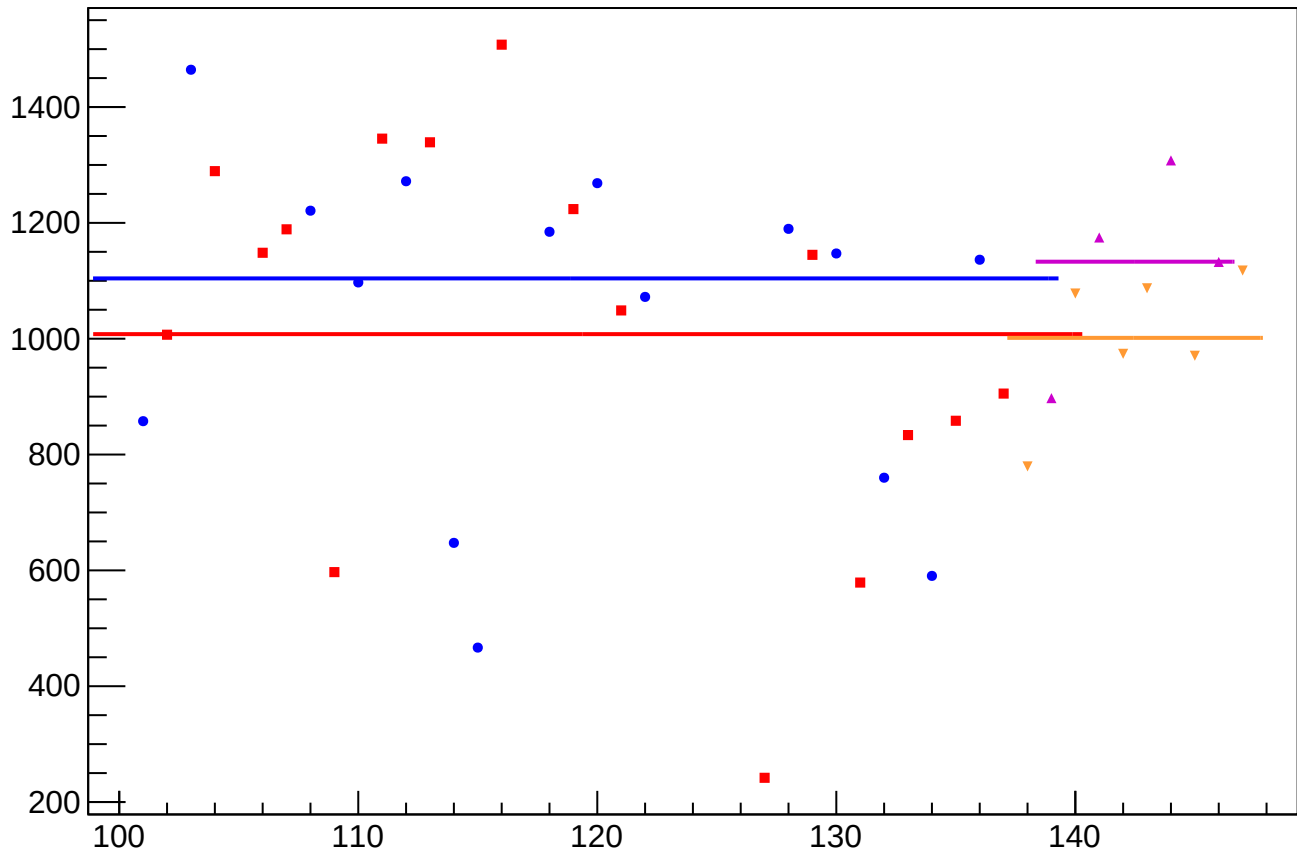
Left In: 3748.335+/-0.000 χ^2/NDF : 26405680037039506815372104726619357184.0/3

dit_sam7_coil3_err_mean vs Slug



Right In: 122.622+/-0.000 χ^2/NDF : 5937504661187691145903235842749497344.0/14
 Left Out: 100.807+/-0.000 χ^2/NDF : 160610068840321562676026117086773248.0/5
 Right Out: 124.216+/-0.000 χ^2/NDF : 6549627589629012958791202941129719808.0/15
 Left In: 106.977+/-0.000 χ^2/NDF : 54276043799751814253732907605557248.0/3
 + sign 113.904+/-0.000 χ^2/NDF : 622154224455744
 All: 116.079+/-0.000 χ^2/NDF : 129027298272
 - sign 118.418+/-0.000 χ^2/NDF : 667057426000896

dit_sam7_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

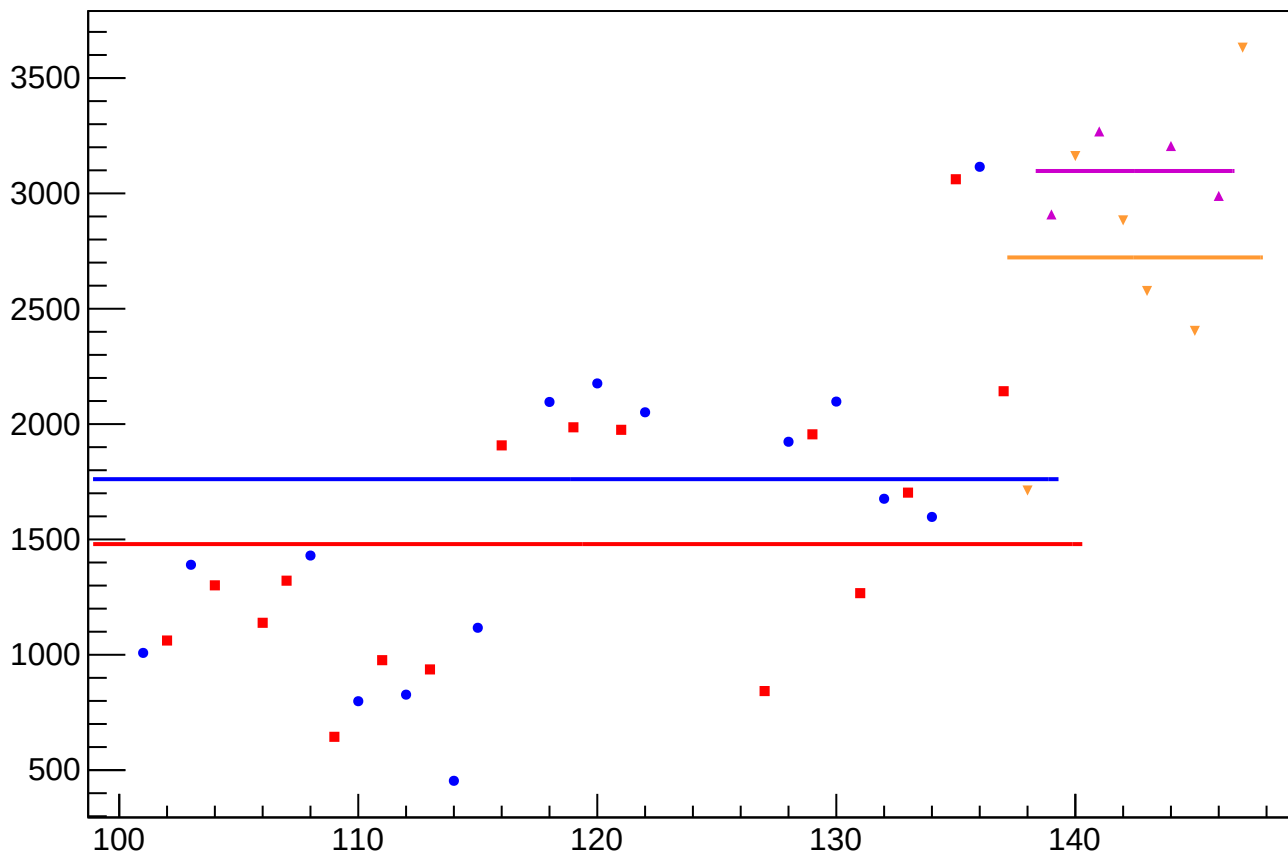
Left In: 1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1056.769+/-0.000 χ^2/NDF : 12149444202

- sign 1049.969+/-0.000 χ^2/NDF : 79952523638961

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14

+ sign 2145.366+/-0.000 χ^2/NDF : 74257591182051

Left Out: 2722.437+/-0.000 χ^2/NDF : 170748931729614046247489470673396432896.0/5

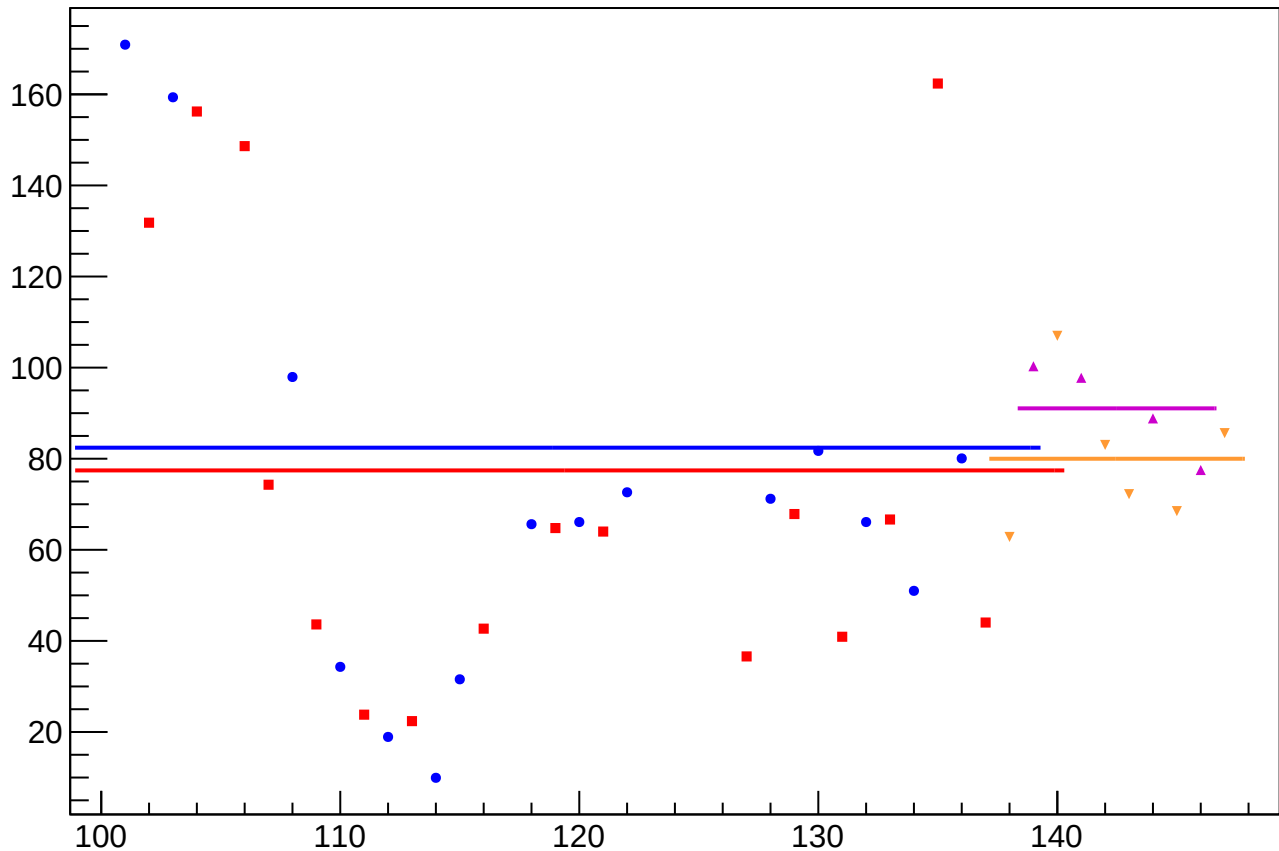
All: 2086.770+/-0.000 χ^2/NDF : 16079176780

Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15

- sign 2023.742+/-0.000 χ^2/NDF : 85763777117425

Left In: 3097.141+/-0.000 χ^2/NDF : 7384357149575761983980172467742179328.0/3

dit_sam8_coil3_err_mean vs Slug



Right In: 82.422+/-0.000 χ^2/NDF : 1263633347129443757477527241185296384.0/14

Left Out: 79.993+/-0.000 χ^2/NDF : 100383533929361939311773669075714048.0/5

Right Out: 77.430+/-0.000 χ^2/NDF : 1515456409368458038568290276111024128.0/15

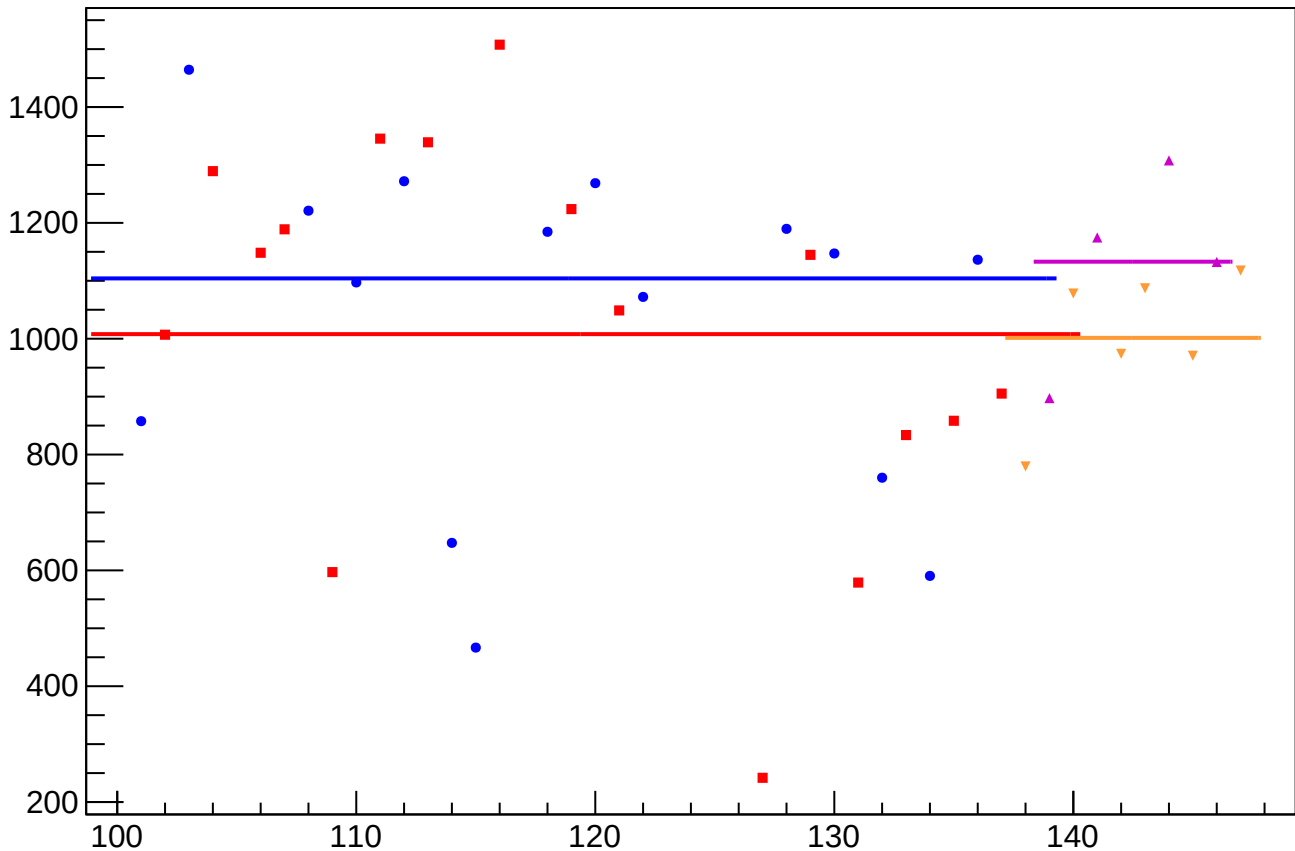
Left In: 91.054+/-0.000 χ^2/NDF : 26387651608608378752608455052230656.0/3

+ sign 81.451+/-0.000 χ^2/NDF : 1365547350655472

All: 81.721+/-0.000 χ^2/NDF : 294919492548

- sign 82.012+/-0.000 χ^2/NDF : 1583483771288625

dit_sam8_coil3_Ndata_mean vs Slug



Right In: 1104.111+/-0.000 χ^2/NDF : 32737841591587454251521906421545304064.0/14

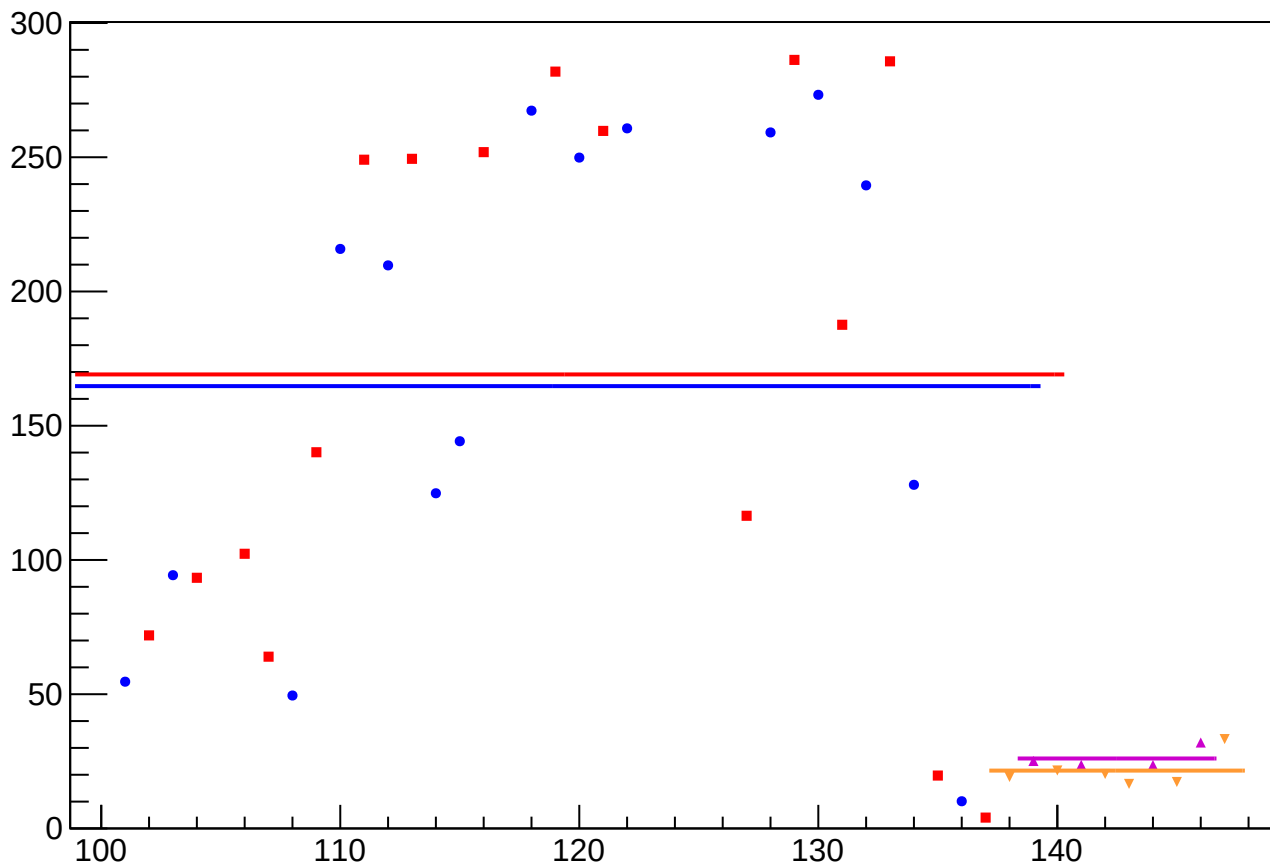
Left Out: 1001.465+/-0.000 χ^2/NDF : 5981757699192272374348215836938862592.0/5

Right Out: 1007.906+/-0.000 χ^2/NDF : 69077878009873965622695939627477368832.0/15

Left In: 1132.976+/-0.000 χ^2/NDF : 7365606445432876158809673715909918720.0/3

All: 1056.769+/-0.000 χ^2/NDF : 12149444202.0/3

dit_4aX_coil7_mean vs Slug



Right In: 164.752+/-0.000 χ^2/NDF : 6369828943181833917425699916554960896.0/14

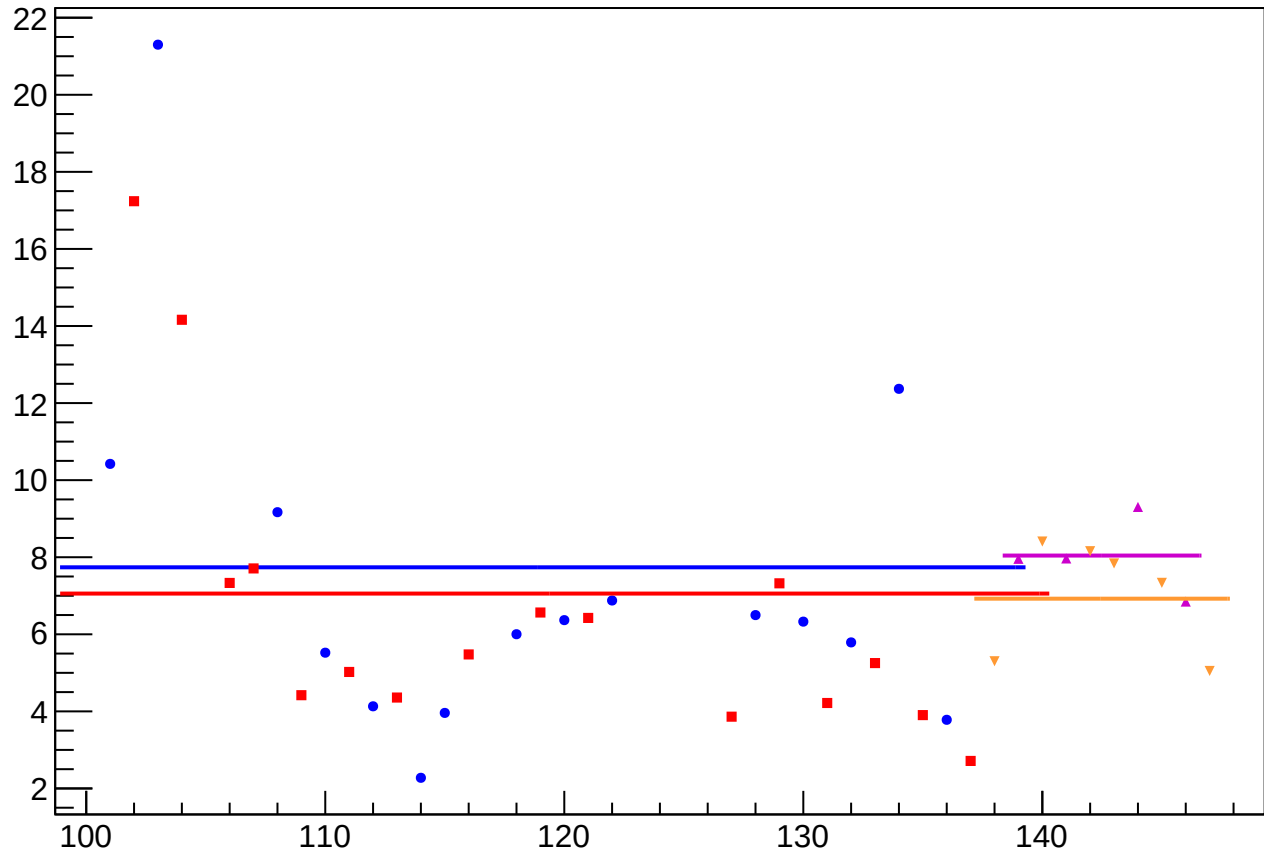
Left Out: 21.550+/-0.000 χ^2/NDF : 14361970553909706717496194470248448.0/5

Right Out: 169.108+/-0.000 χ^2/NDF : 6040721802042936822766910687819071488.0/15

Left In: 26.059+/-0.000 χ^2/NDF : 4020670399352678748767308761530368.0/3

All: 114.015+/-0.000 χ^2/NDF : 224324069572

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738 $\pm$ 0.000 χ^2 /NDF: 15127215479234506007469492768079872.0/14

Left Out: 6.924 $\pm$ 0.000 χ^2 /NDF: 799938773123676891106590639259648.0/5

Right Out: 7.057 $\pm$ 0.000 χ^2 /NDF: 11292441204139394792341242753581056.0/15

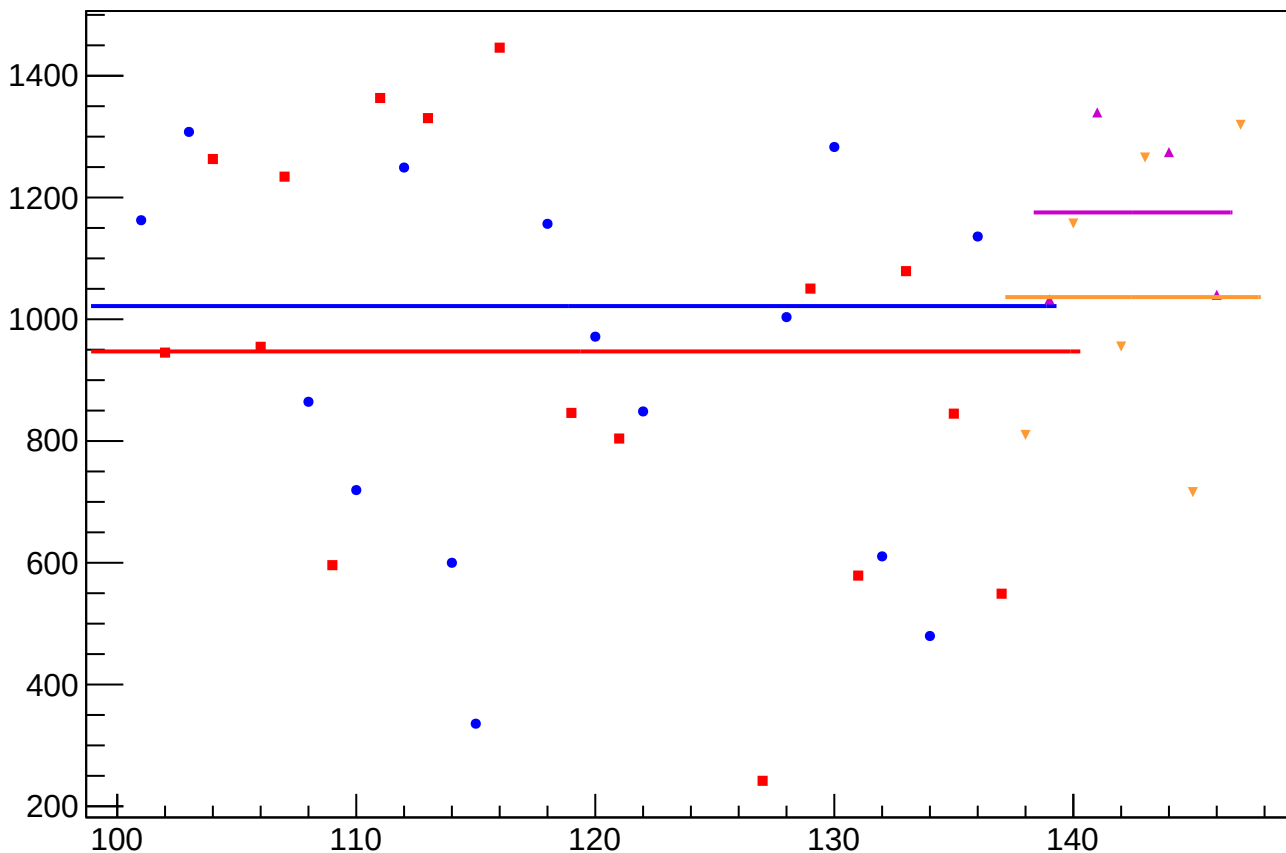
Left In: 8.043 $\pm$ 0.000 χ^2 /NDF: 261142382190230682688462765686784.0/3

+ sign 7.413 $\pm$ 0.000 χ^2 /NDF: 16099049389261904

All: 7.401 $\pm$ 0.000 χ^2 /NDF: 27871183653125

- sign 7.389 $\pm$ 0.000 χ^2 /NDF: 11771825128883314

dit_4aX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

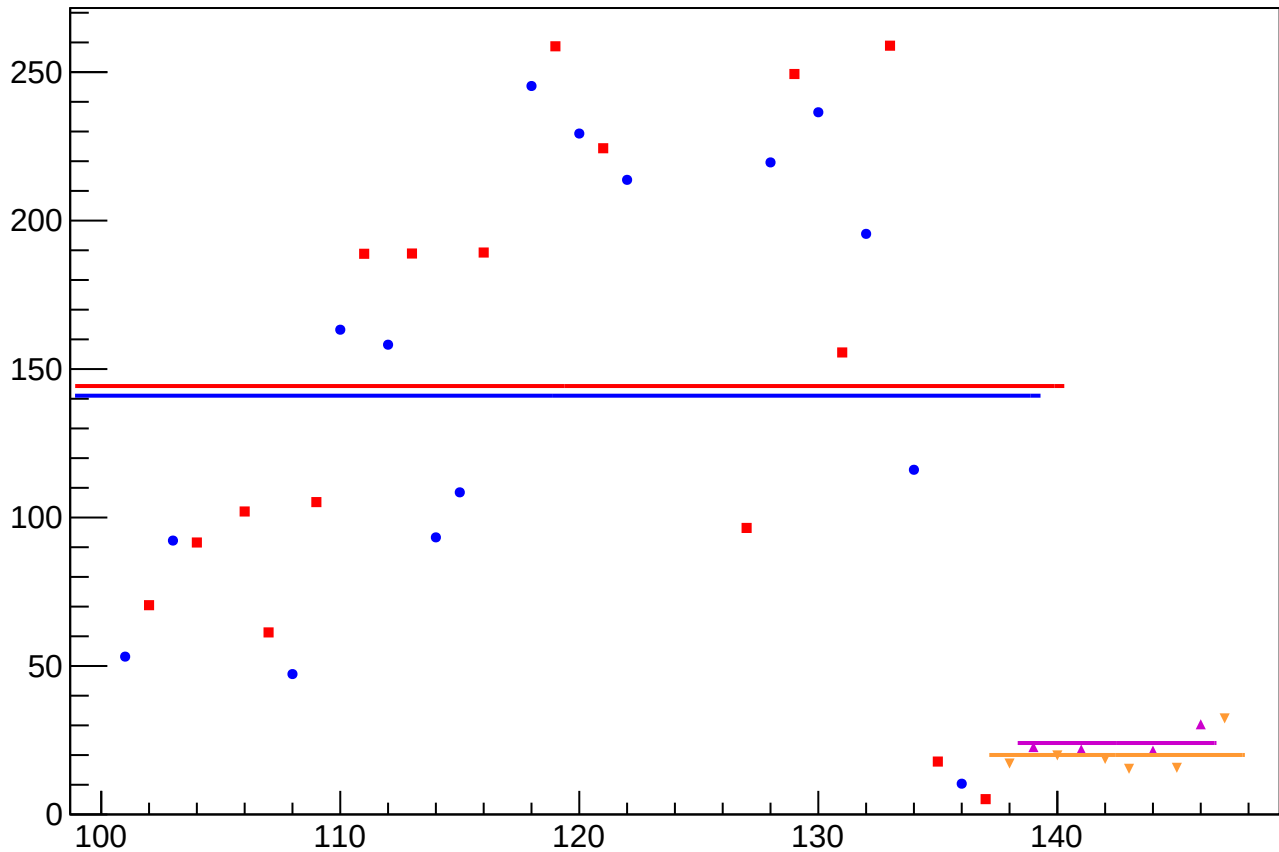
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

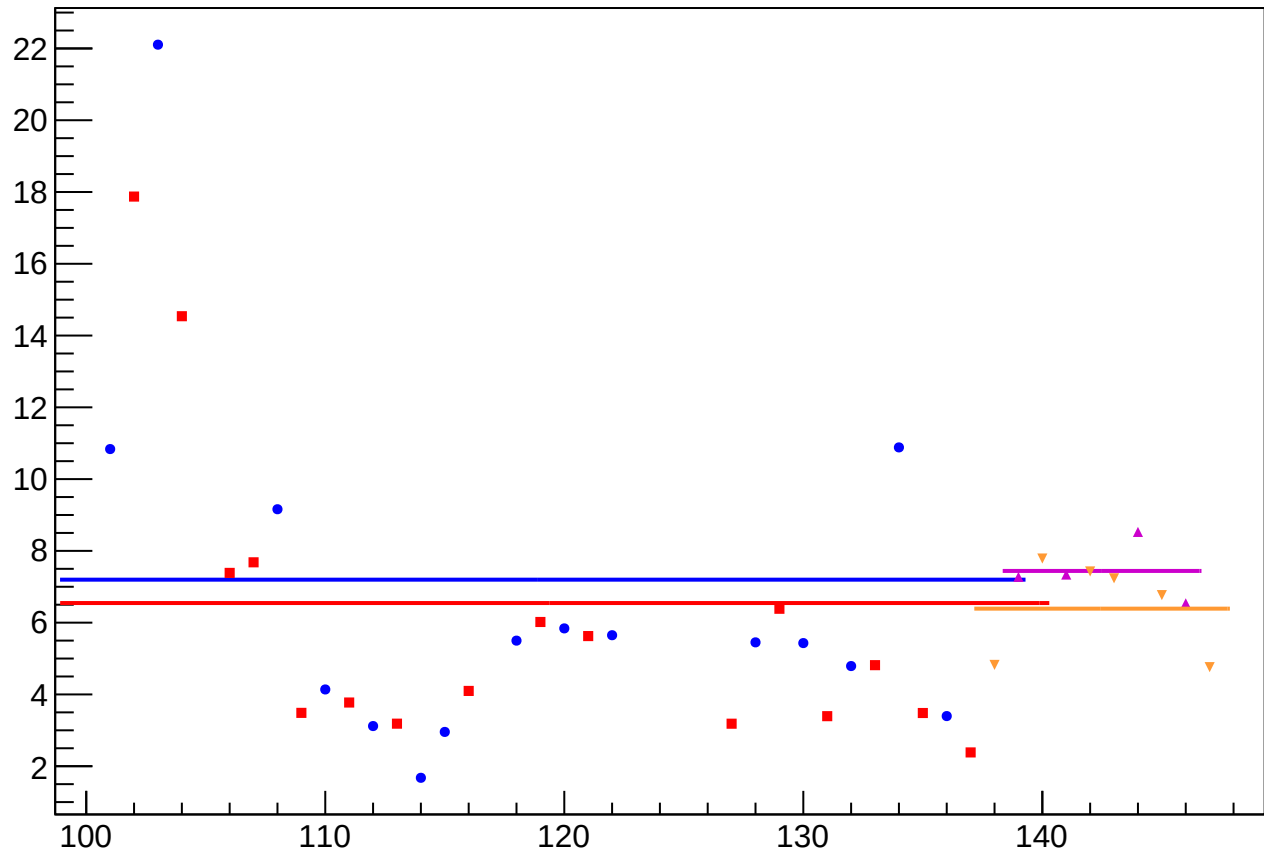
- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

dit_4eX_coil7_mean vs Slug



Right In: 141.032 $\pm$ 0.000 χ^2 /NDF: 4507992585512923332587415612245934080.0/14
 Left Out: 20.031 $\pm$ 0.000 χ^2 /NDF: 15538810263823820044618964215529472.0/5
 Right Out: 144.283 $\pm$ 0.000 χ^2 /NDF: 4268333571517740886065361663928827904.0/15
 Left In: 24.063 $\pm$ 0.000 χ^2 /NDF: 4440566646692372682800018380292096.0/3

dit_4eX_coil7_err_mean vs Slug



Right In: 7.198+/-0.000 χ^2/NDF : 18212640728502785337831966963138560.0/14

Left Out: 6.390+/-0.000 χ^2/NDF : 667811958668488383164064611696640.0/5

Right Out: 6.547+/-0.000 χ^2/NDF : 14078912505116068936230809834094592.0/15

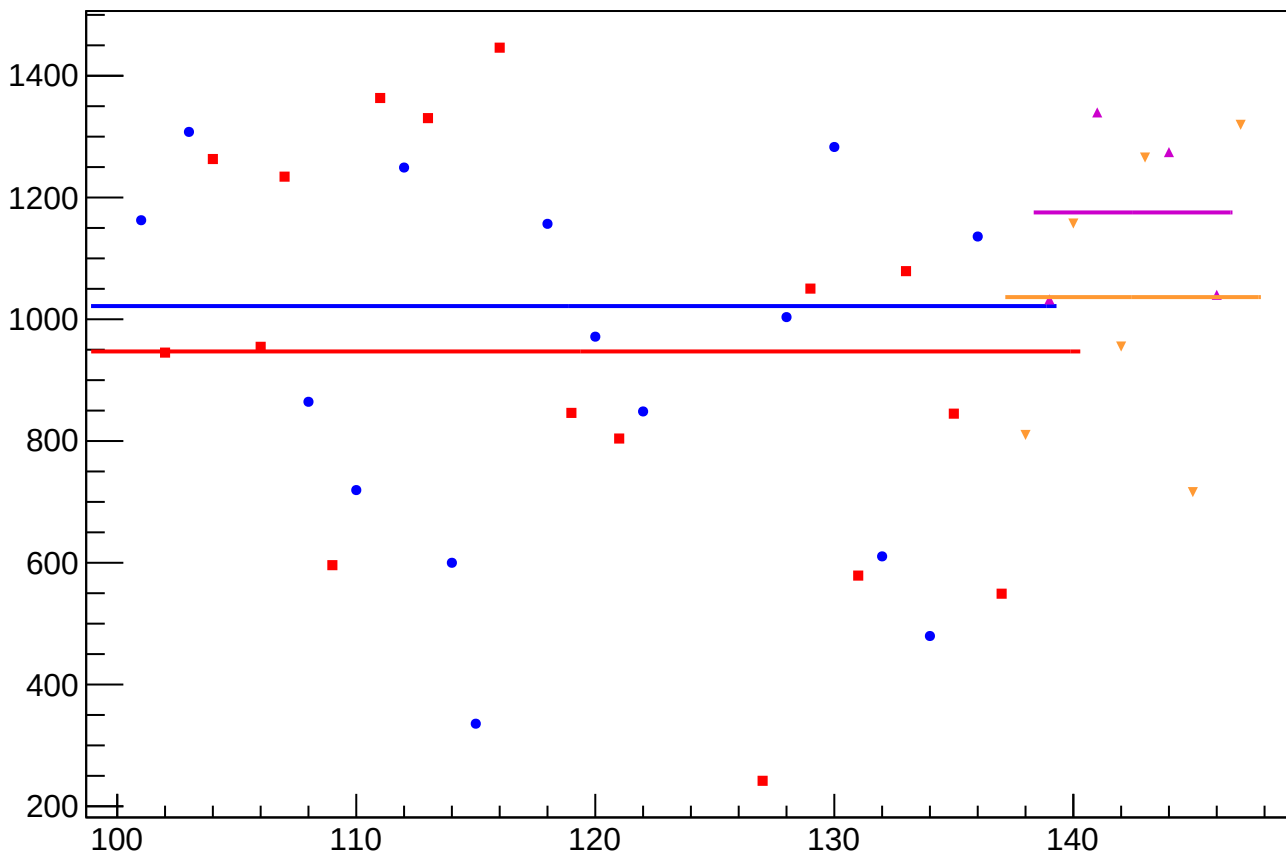
Left In: 7.441+/-0.000 χ^2/NDF : 175823809109973020855586447687680.0/3

+ sign 6.875+/-0.000 χ^2/NDF : 19049603775560235

All: 6.862+/-0.000 χ^2/NDF : 33484203368071

- sign 6.847+/-0.000 χ^2/NDF : 14434201222369395

dit_4eX_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

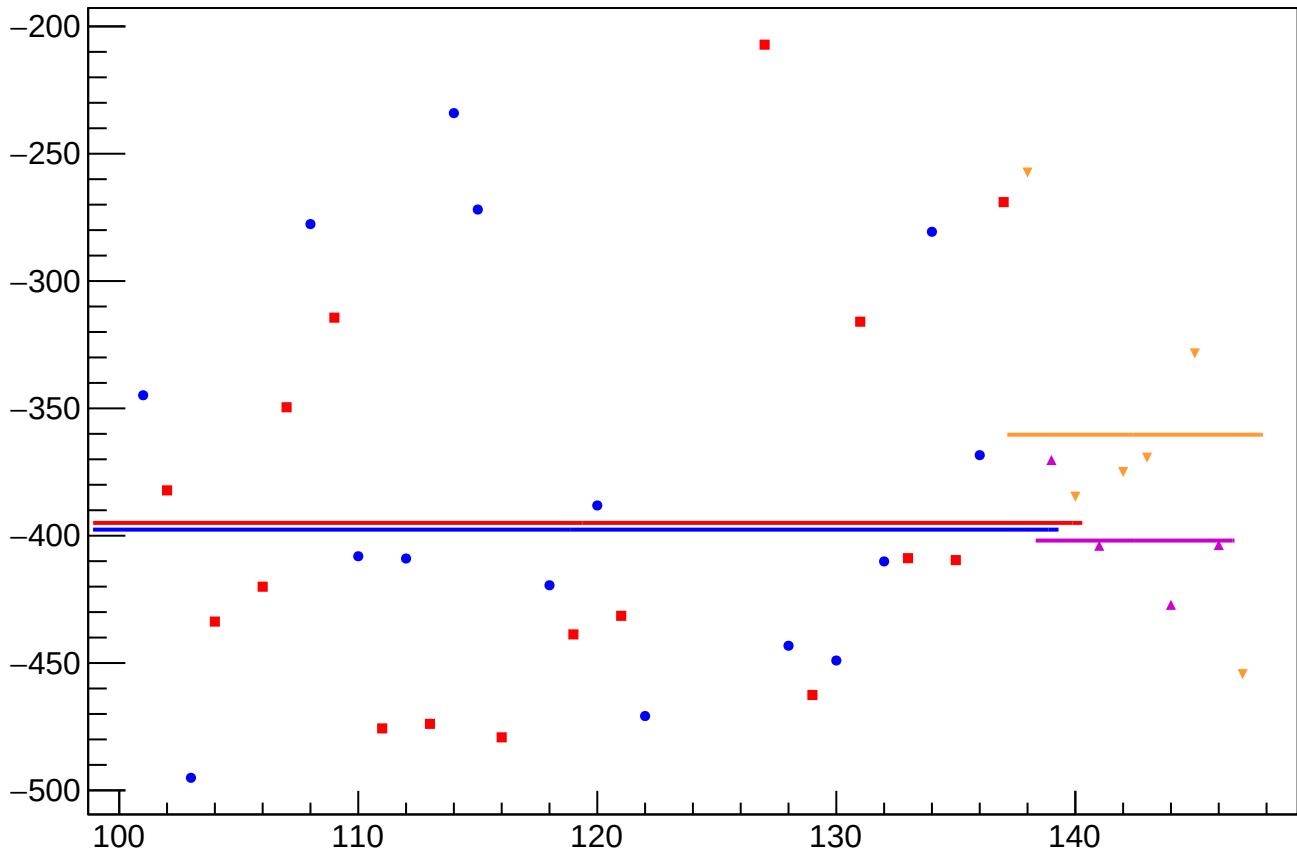
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

Left Out: -360.331+/-0.000 χ^2/NDF : 1662619726111769227210586409767272448.0/5

Right Out: -394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

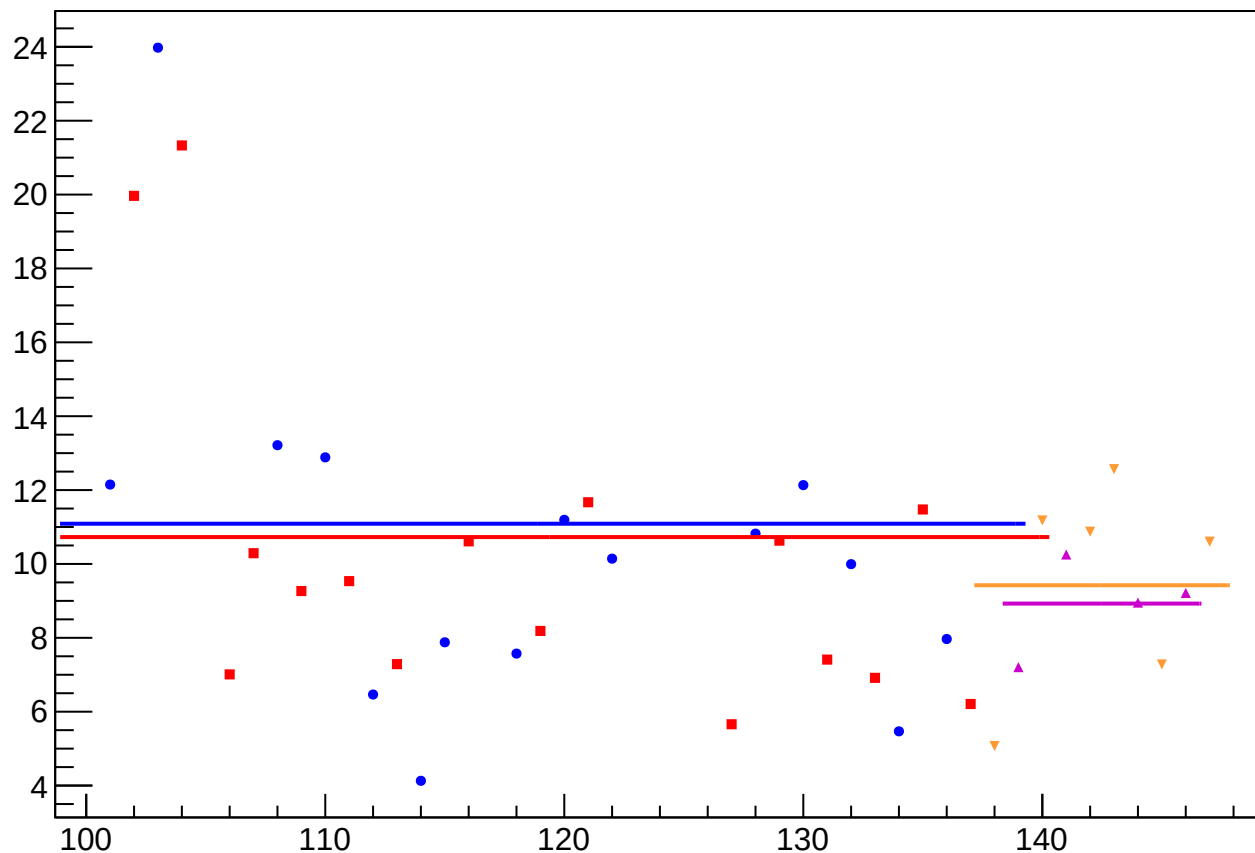
Left In: -401.906+/-0.000 χ^2/NDF : 138309583787575426297344498067308544.0/3

+ sign -382.714+/-0.000 χ^2/NDF : 46843927310232

All: -389.744+/-0.000 χ^2/NDF : 86299523827

- sign -397.305+/-0.000 χ^2/NDF : 383468892918026

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089 $\pm$ 0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

+ sign 10.423 $\pm$ 0.000 χ^2/NDF : 1792568732447620

Left Out: 9.423 $\pm$ 0.000 χ^2/NDF : 2969998541689399432428113524424704.0/5

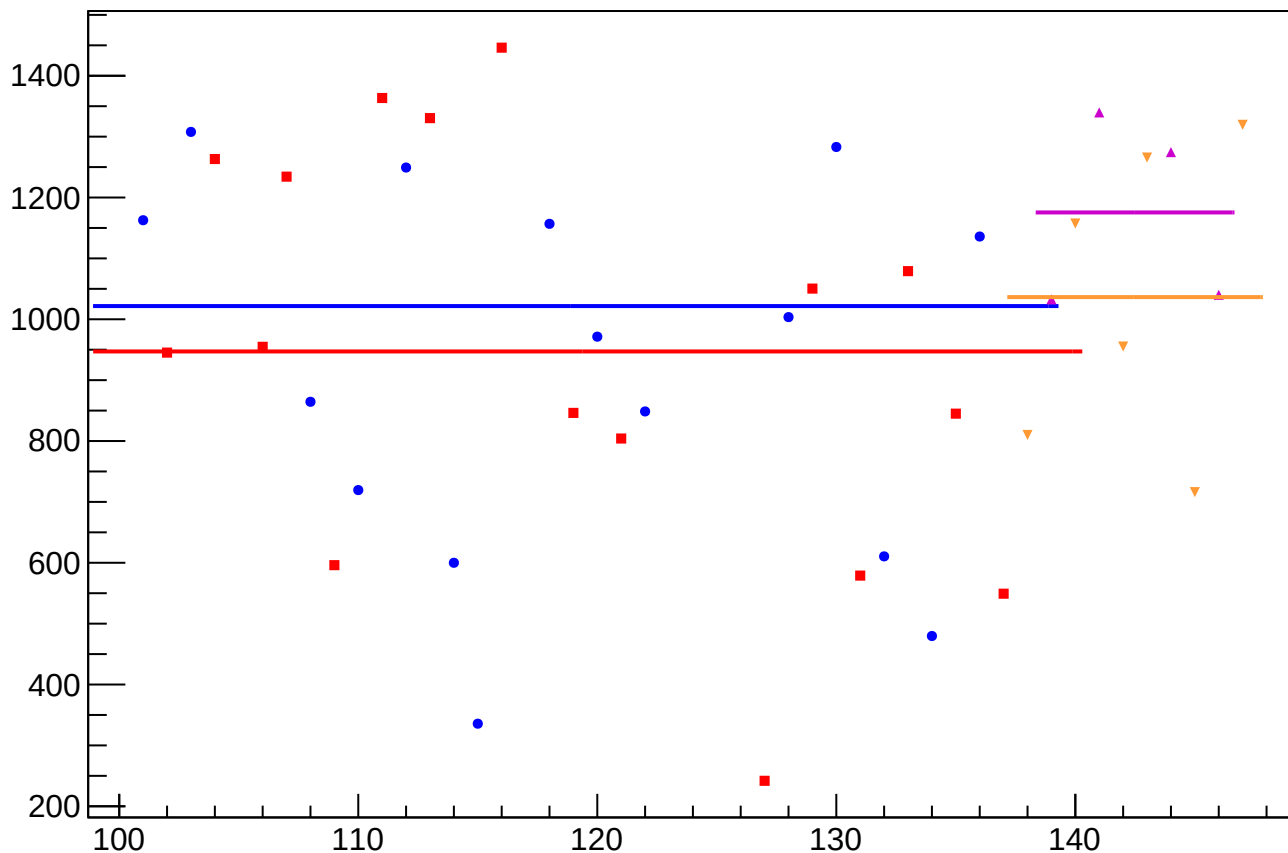
All: 10.278 $\pm$ 0.000 χ^2/NDF : 3386450714521

Right Out: 10.728 $\pm$ 0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15

- sign 10.122 $\pm$ 0.000 χ^2/NDF : 1589157729834993

Left In: 8.927 $\pm$ 0.000 χ^2/NDF : 396810832330010977017846969663488.0/3

dit_11X12X_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

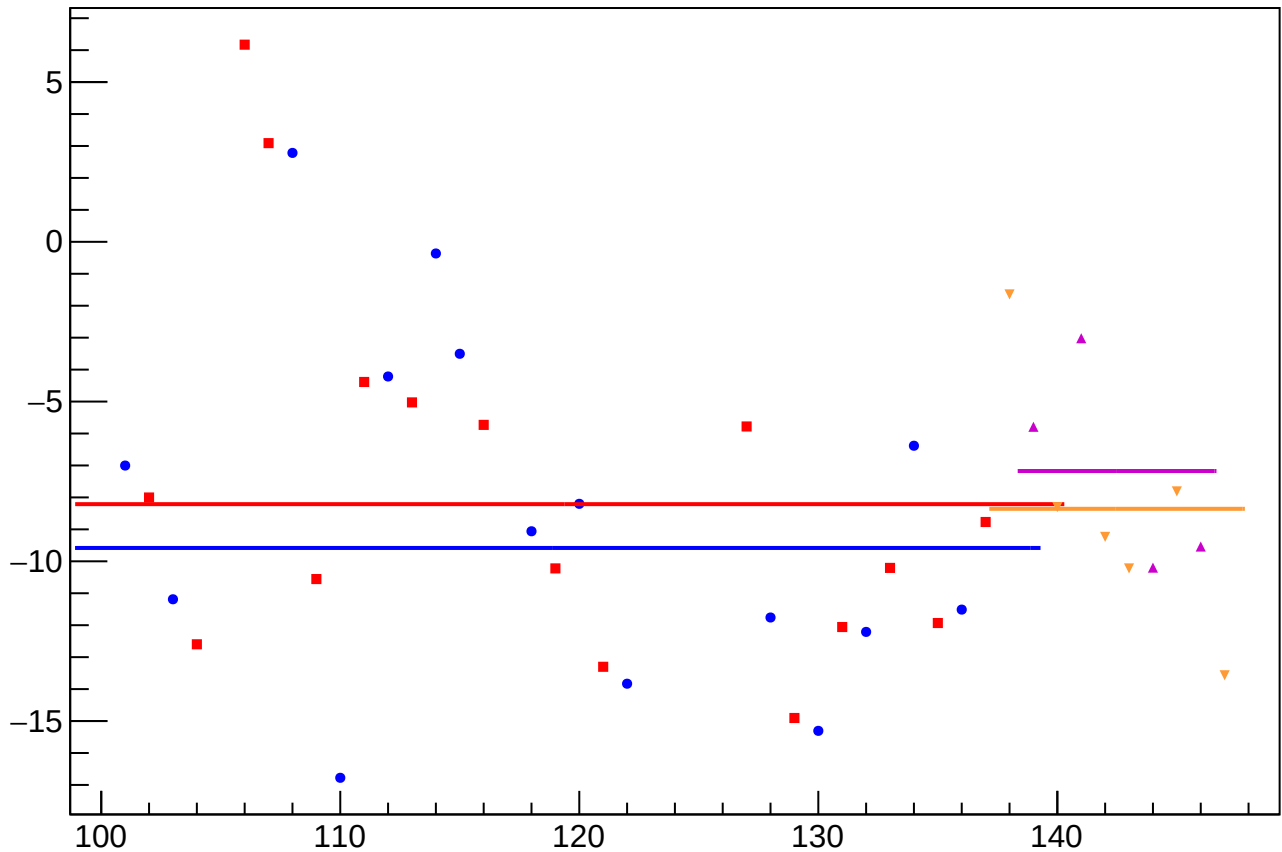
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

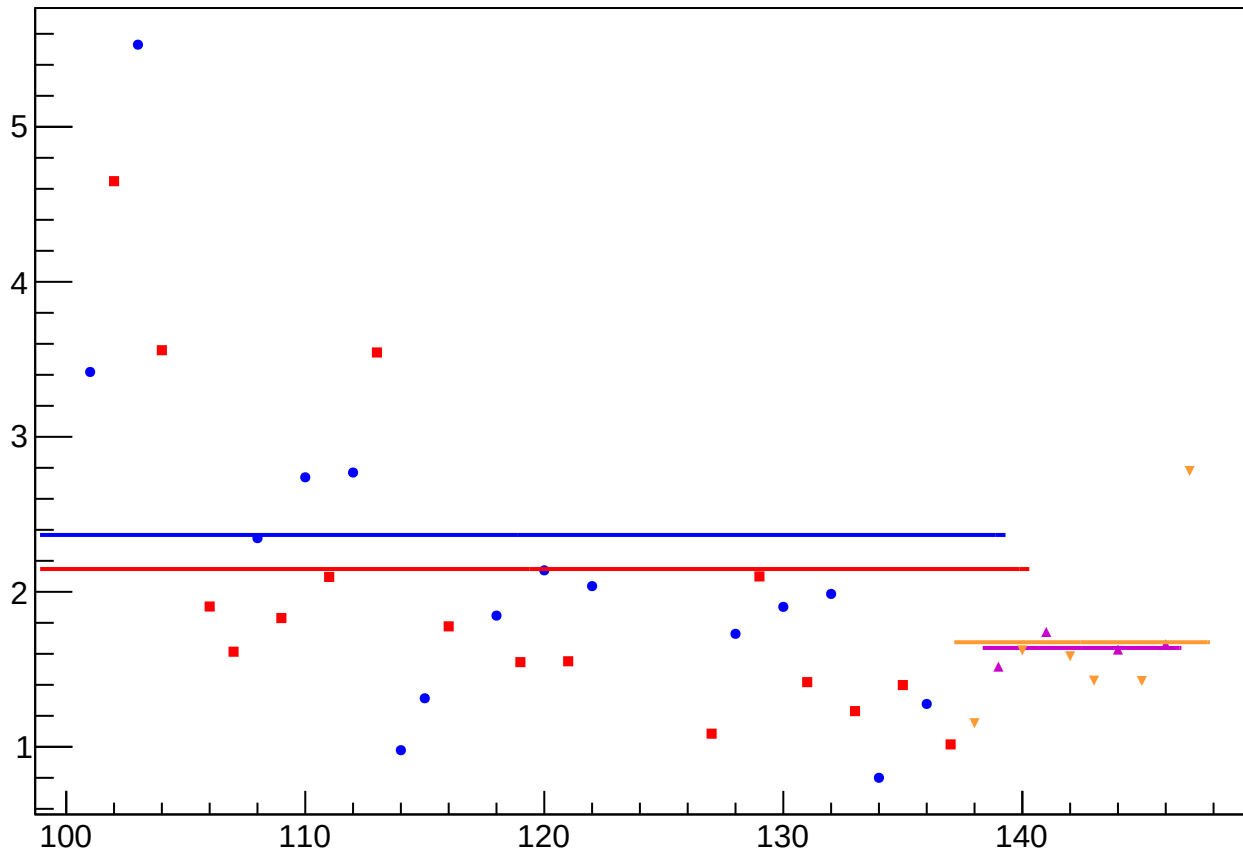
- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

dit_4aY_coil7_mean vs Slug



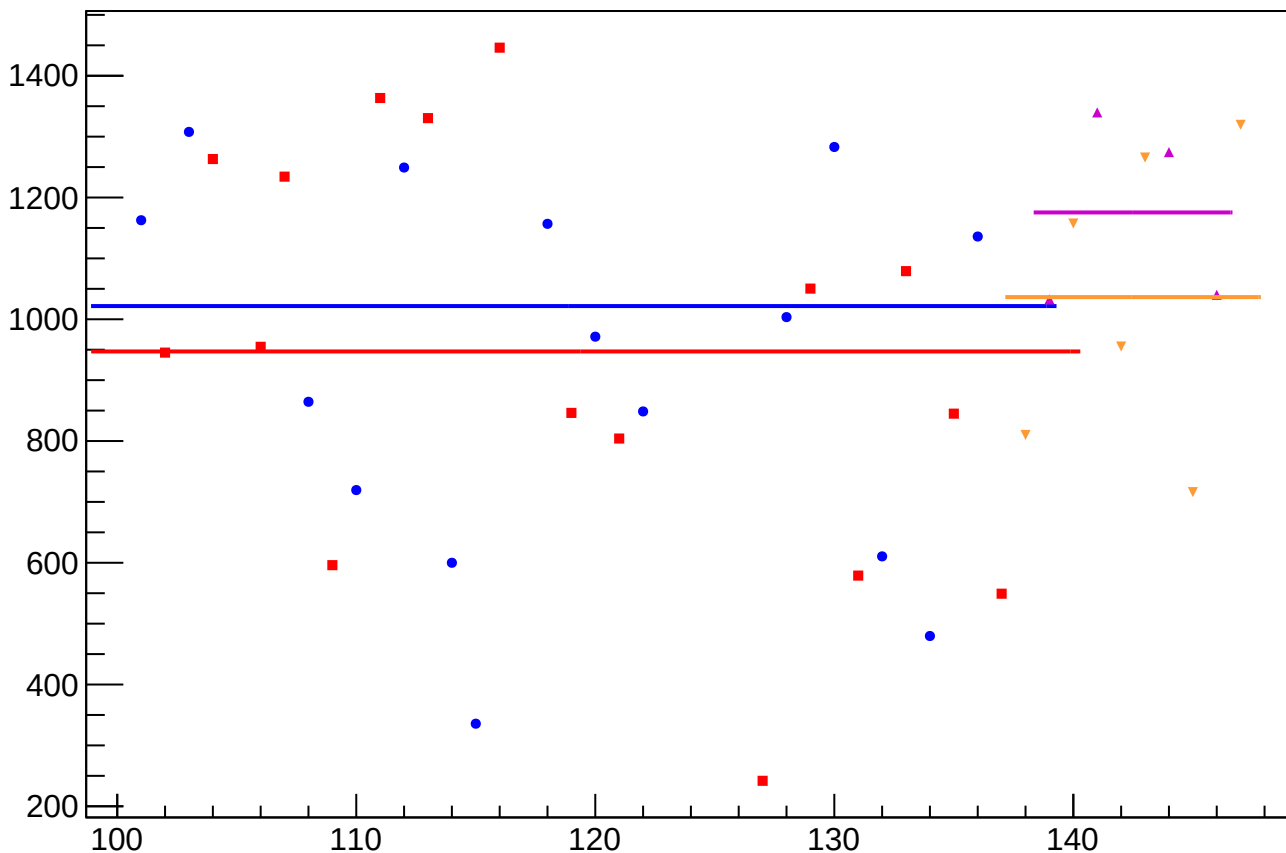
Right In: -9.582+/-0.000	χ^2/NDF : 14702679983940002820806471963377664.0/14	+ sign -9.092+/-0.000	χ^2/NDF : 2101589907623718
Left Out: -8.357+/-0.000	χ^2/NDF : 5923724025381481821861553786322944.0/5	All: -8.500+/-0.000	χ^2/NDF : 4325096949710
Right Out: -8.211+/-0.000	χ^2/NDF : 18304237293835961465605754204454912.0/15	- sign -7.862+/-0.000	χ^2/NDF : 21446976769945303
Left In: -7.174+/-0.000	χ^2/NDF : 2901286614201537597988397513703424.0/3		

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367+/-0.000	χ^2/NDF : 920633294546152876922066767446016.0/14	+ sign 2.090+/-0.000	χ^2/NDF : 11711254158128407
Left Out: 1.675+/-0.000	χ^2/NDF : 126220713685009089941984463814656.0/5	All: 2.035+/-0.000	χ^2/NDF : 20024173189007
Right Out: 2.147+/-0.000	χ^2/NDF : 764171992480224478656127555338240.0/15	- sign 1.976+/-0.000	χ^2/NDF : 82446504829259657
Left In: 1.638+/-0.000	χ^2/NDF : 2134045175524868416853451472896.0/3		

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

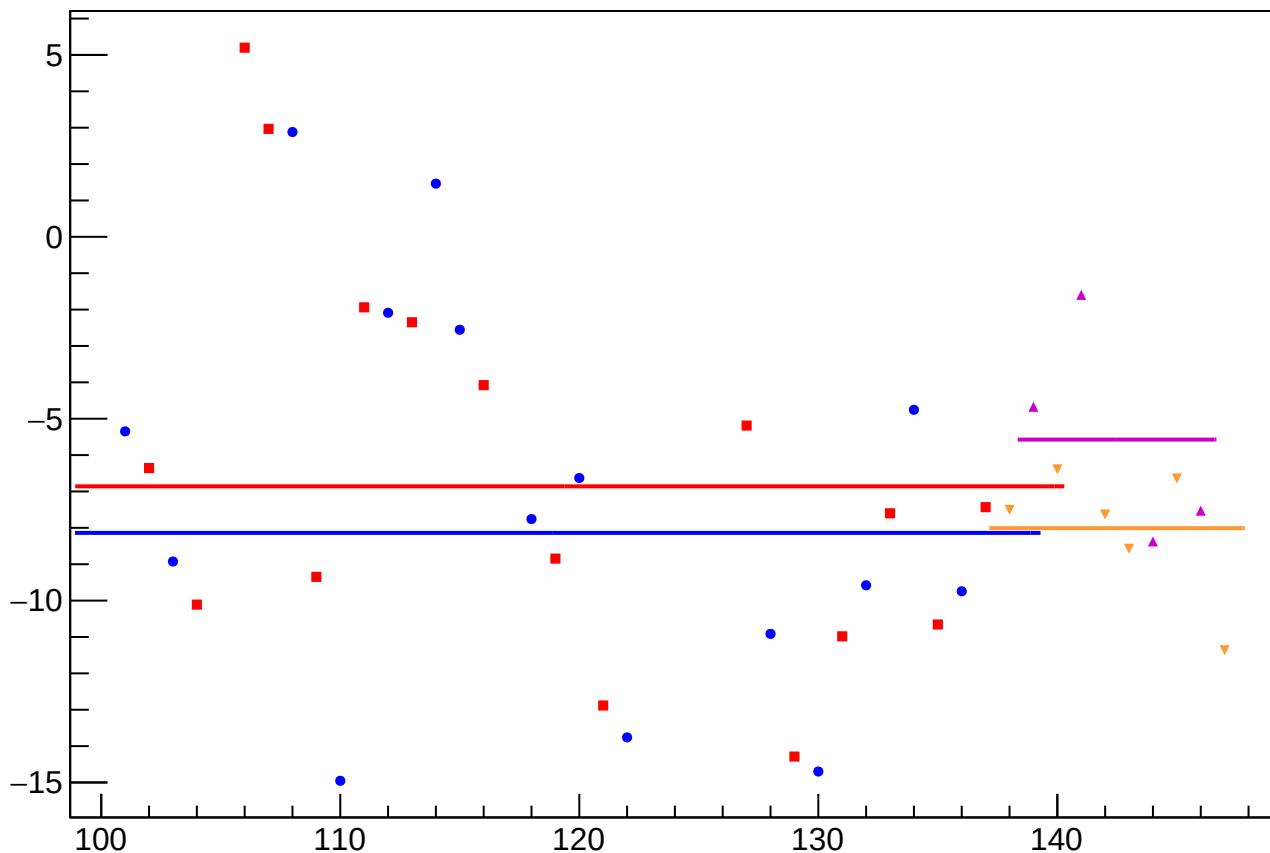
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

dit_4eY_coil7_mean vs Slug



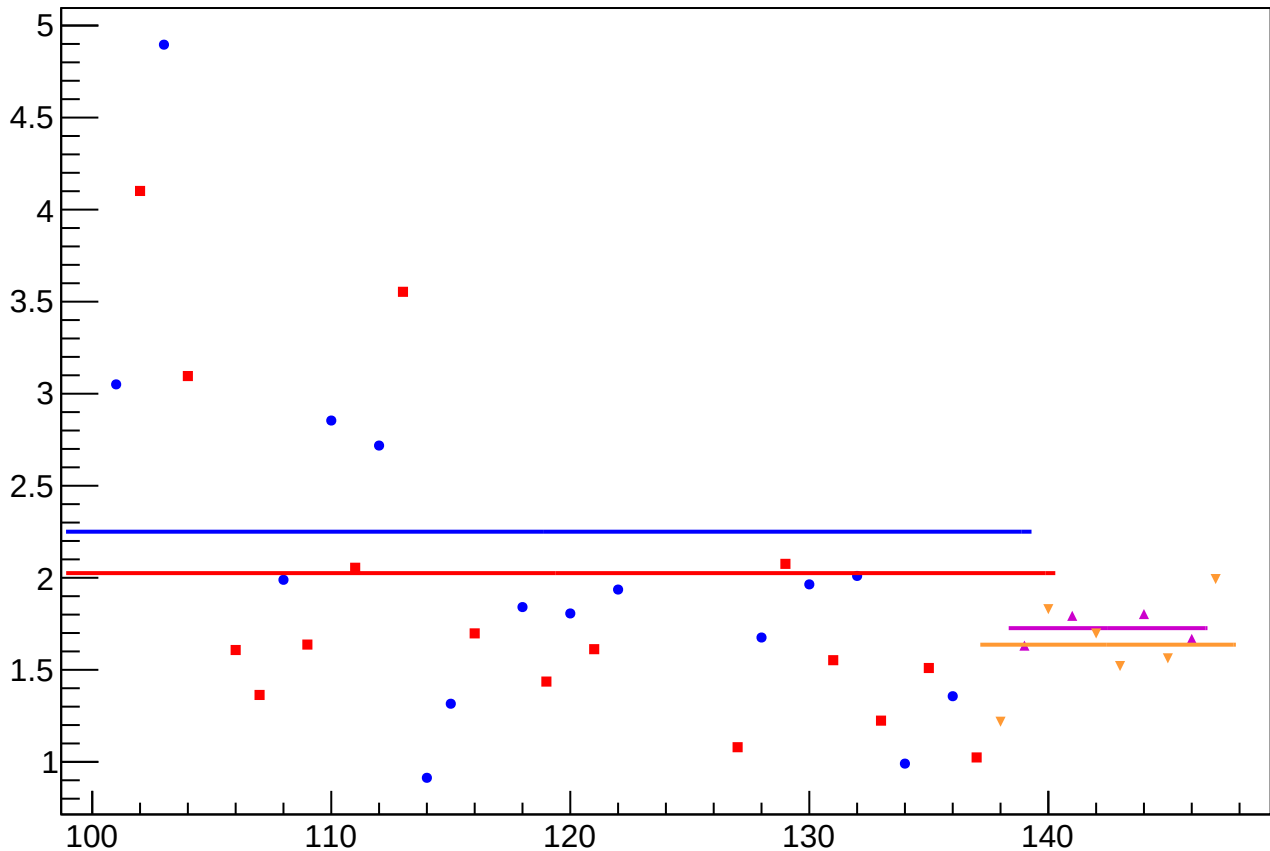
Right In: -8.139+/-0.000 χ^2/NDF : 14676442649222120372533779893321728.0/14

Left Out: -8.009+/-0.000 χ^2/NDF : 1291130663229595373028867301179392.0/5

Right Out: -6.859+/-0.000 χ^2/NDF : 16483631561591790731352632153079808.0/15

Left In: -5.574+/-0.000 χ^2/NDF : 2425881516440443180454577918967808.0/3

dit_4eY_coil7_err_mean vs Slug



Right In: 2.250+/-0.000 χ^2/NDF : 656774588136274816295442701090816.0/14

Left Out: 1.637+/-0.000 χ^2/NDF : 28145871520959003578319998287872.0/5

Right Out: 2.025+/-0.000 χ^2/NDF : 578717441762956454616505599918080.0/15

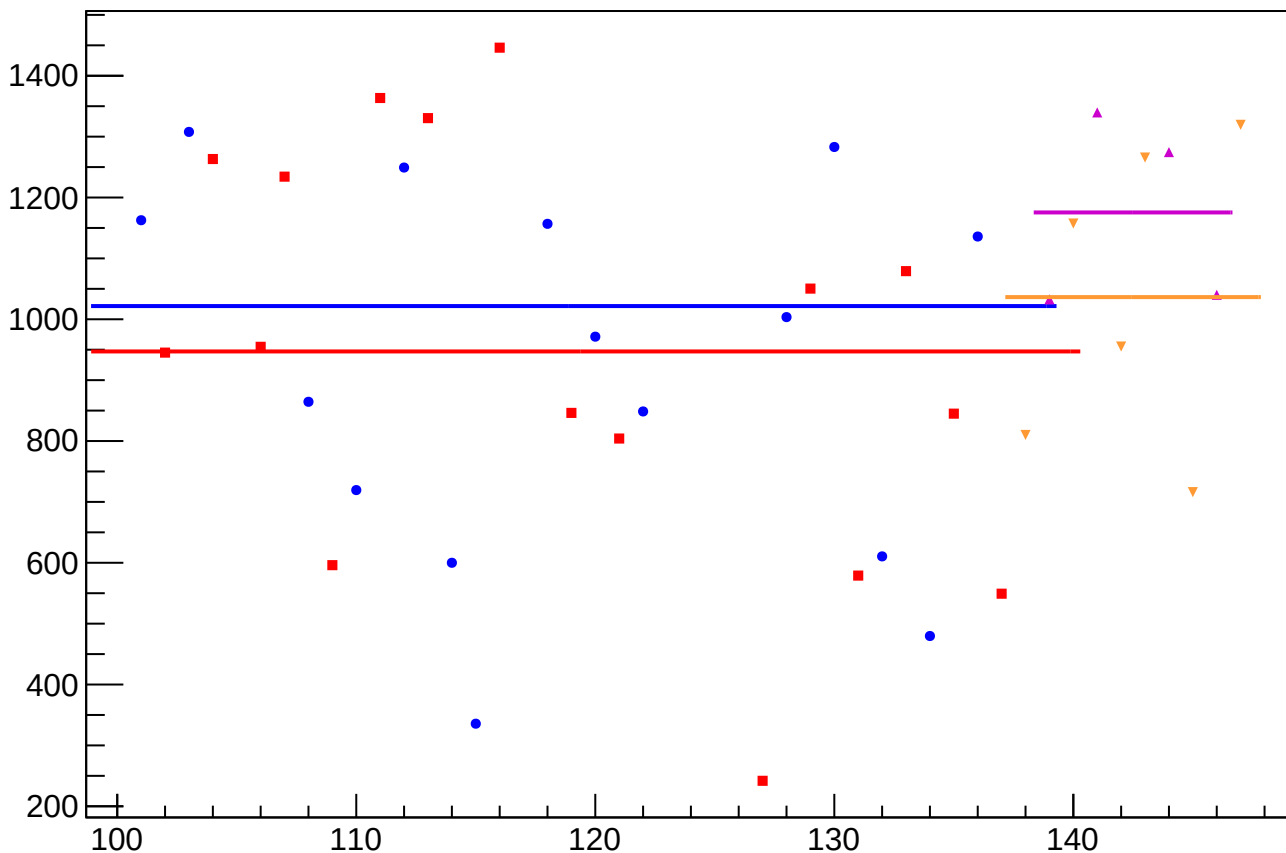
Left In: 1.726+/-0.000 χ^2/NDF : 1913924577893264607933844422656.0/3

+ sign 2.005+/-0.000 χ^2/NDF : 78263316614904927

All: 1.966+/-0.000 χ^2/NDF : 13866678840971

- sign 1.925+/-0.000 χ^2/NDF : 60067765654598360

dit_4eY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

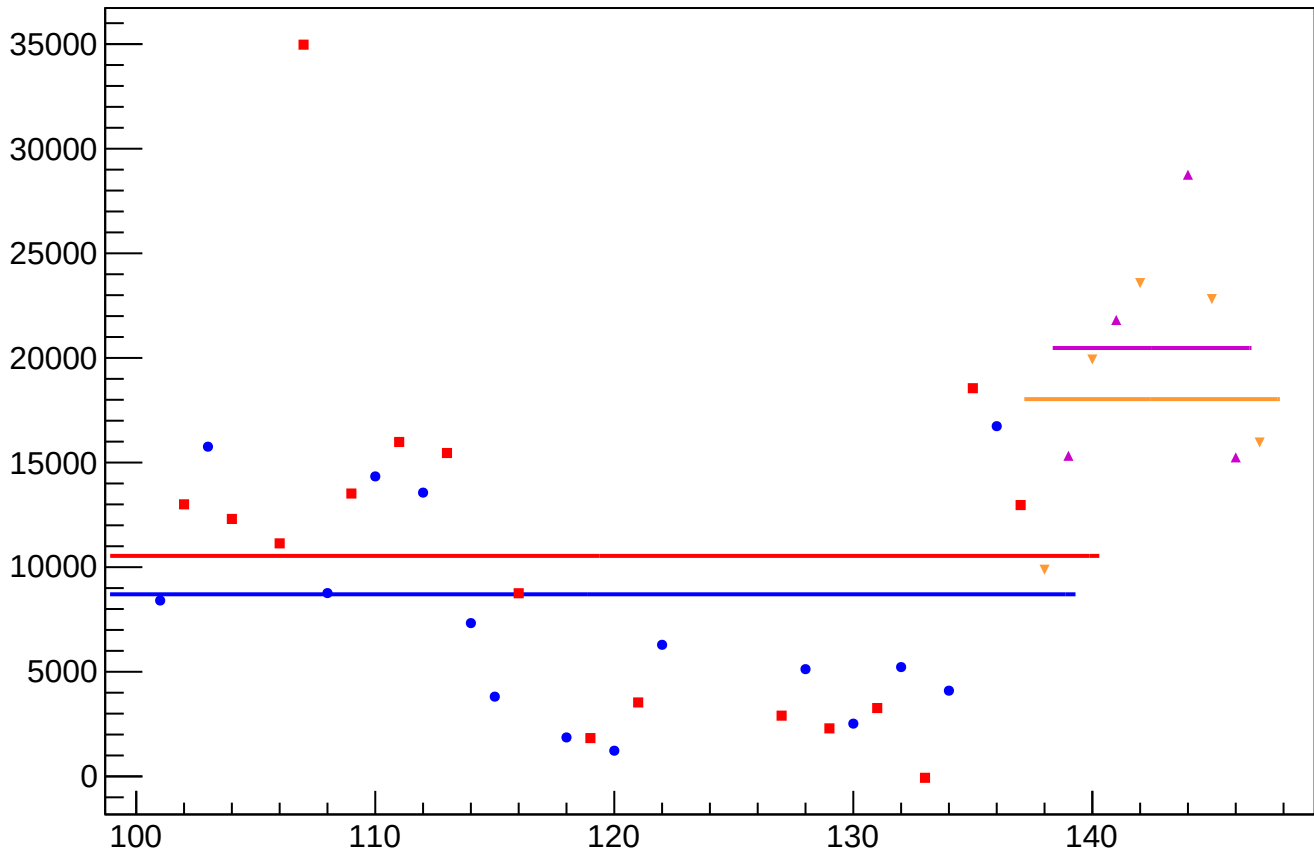
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

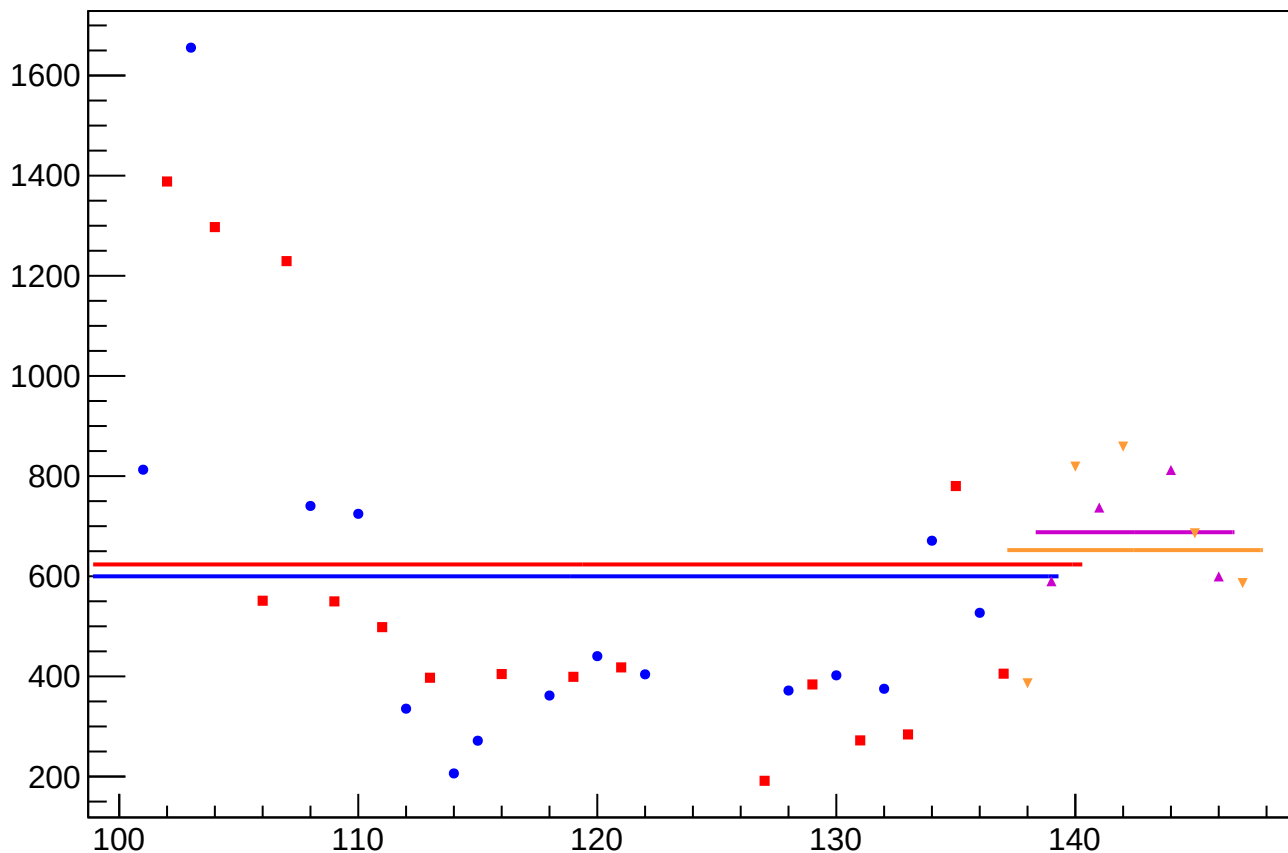
dit_usl_coil7_mean vs Slug



Right In: 8703.332+/-0.000	χ^2/NDF : 19501133067308426859536304500819191922688.0/14
Left Out: 18031.380+/-0.000	χ^2/NDF : 9081307261789563994543525717140412825600.0/4
Right Out: 10539.327+/-0.000	χ^2/NDF : 46226684227836109273394062569753758662656.0/15
Left In: 20474.743+/-0.000	χ^2/NDF : 10673994843113895965350932707553088372736.0/3

+ sign 12061.061+/-0.000 χ^2/NDF : 4890980494346
 All: 12966.870+/-0.000 χ^2/NDF : 1296255035
 - sign 13880.790+/-0.000 χ^2/NDF : 7904429623797

dit_usl_coil7_err_mean vs Slug



Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 652.202+/-0.000 χ^2/NDF : 10193023581195854766639304346794196992.0/4

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

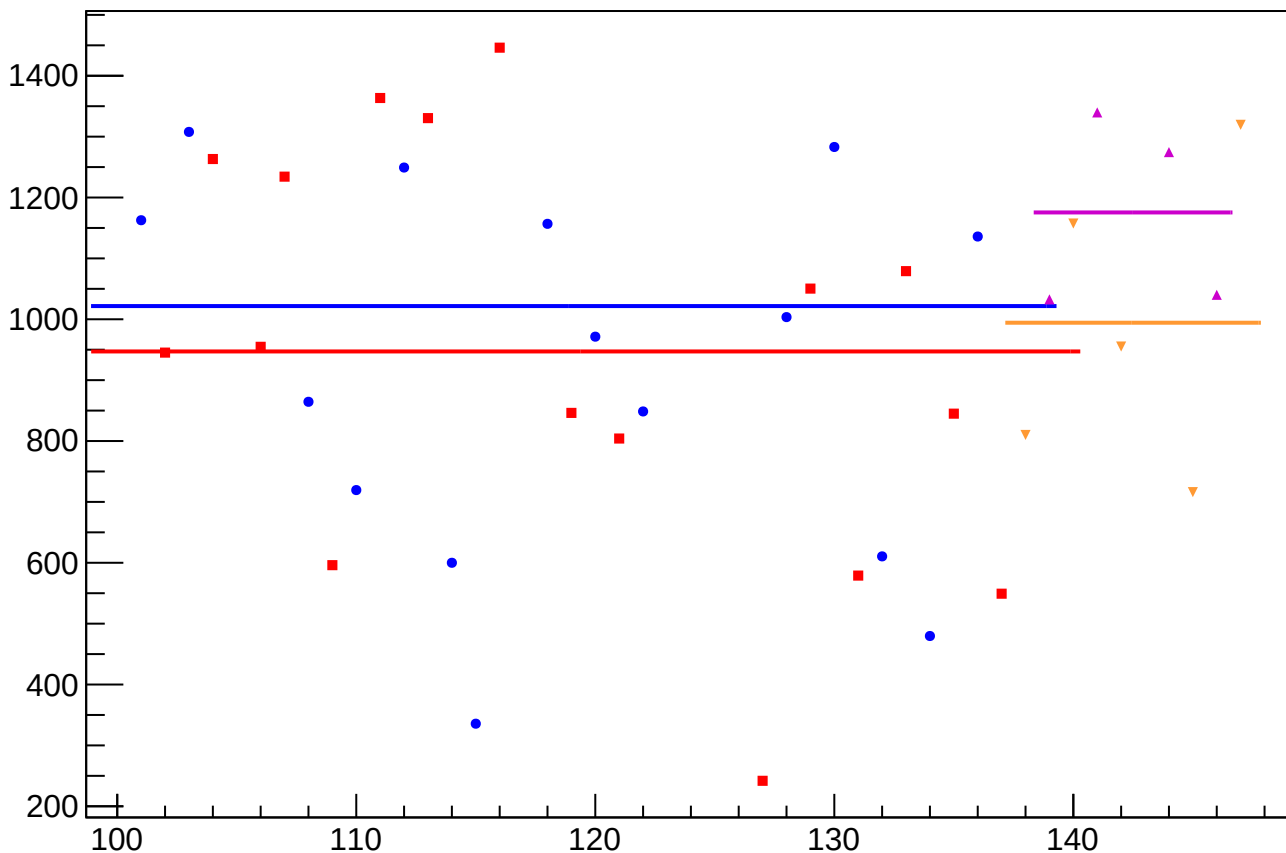
Left In: 687.934+/-0.000 χ^2/NDF : 3003934531477629677262360708487577600.0/3

+ sign 618.694+/-0.000 χ^2/NDF : 100092264950705

All: 631.896+/-0.000 χ^2/NDF : 20582942584

- sign 645.216+/-0.000 χ^2/NDF : 105382119367760

dit_usl_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 994.334 $\pm$ 0.000 χ^2 /NDF: 19415785489546804094658707230967201792.0/4

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

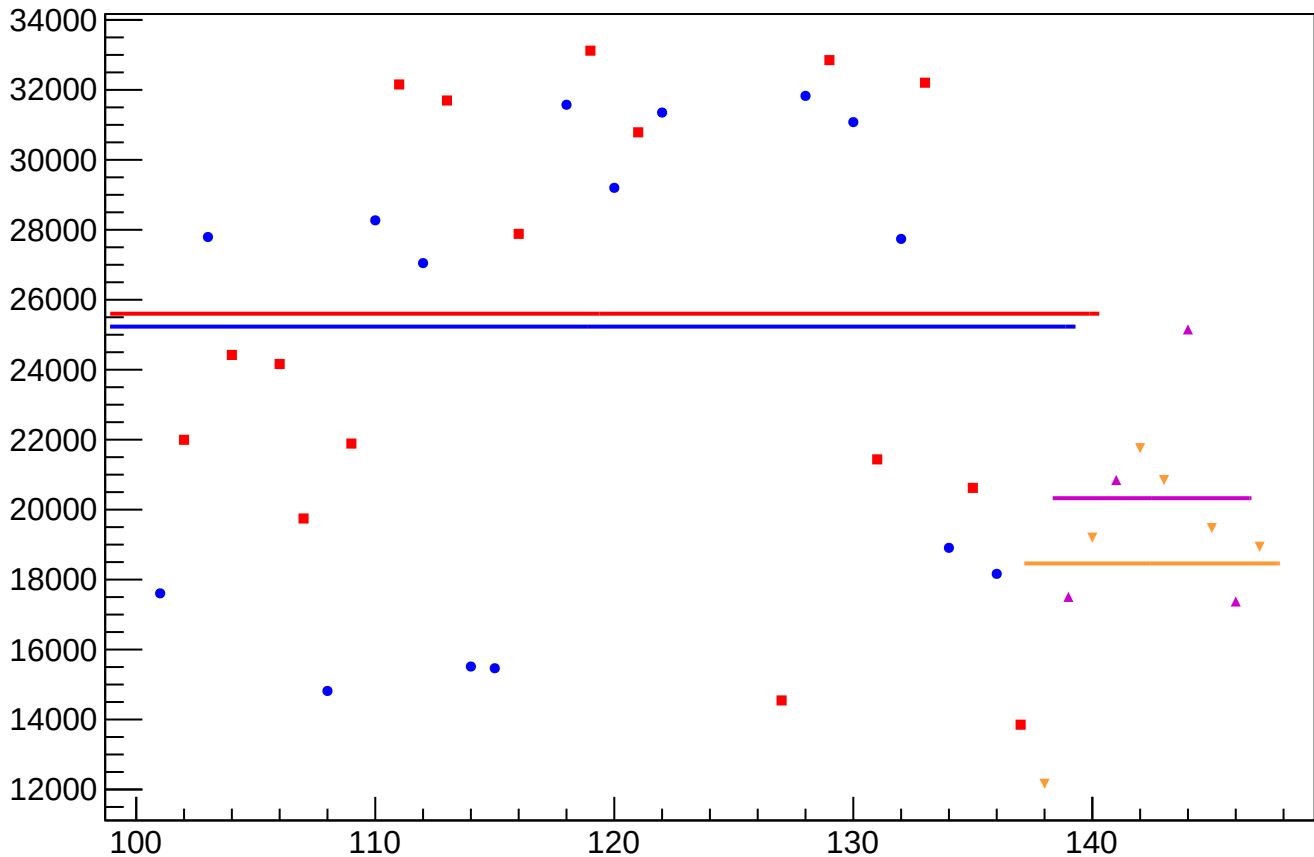
Left In: 1175.482 $\pm$ 0.000 χ^2 /NDF: 6339125095672906969903105133619707904.0/3

+ sign 1011.839 $\pm$ 0.000 χ^2 /NDF: 60083634289796

All: 1017.862 $\pm$ 0.000 χ^2 /NDF: 14597707303

- sign 1023.939 $\pm$ 0.000 χ^2 /NDF: 85819539118077

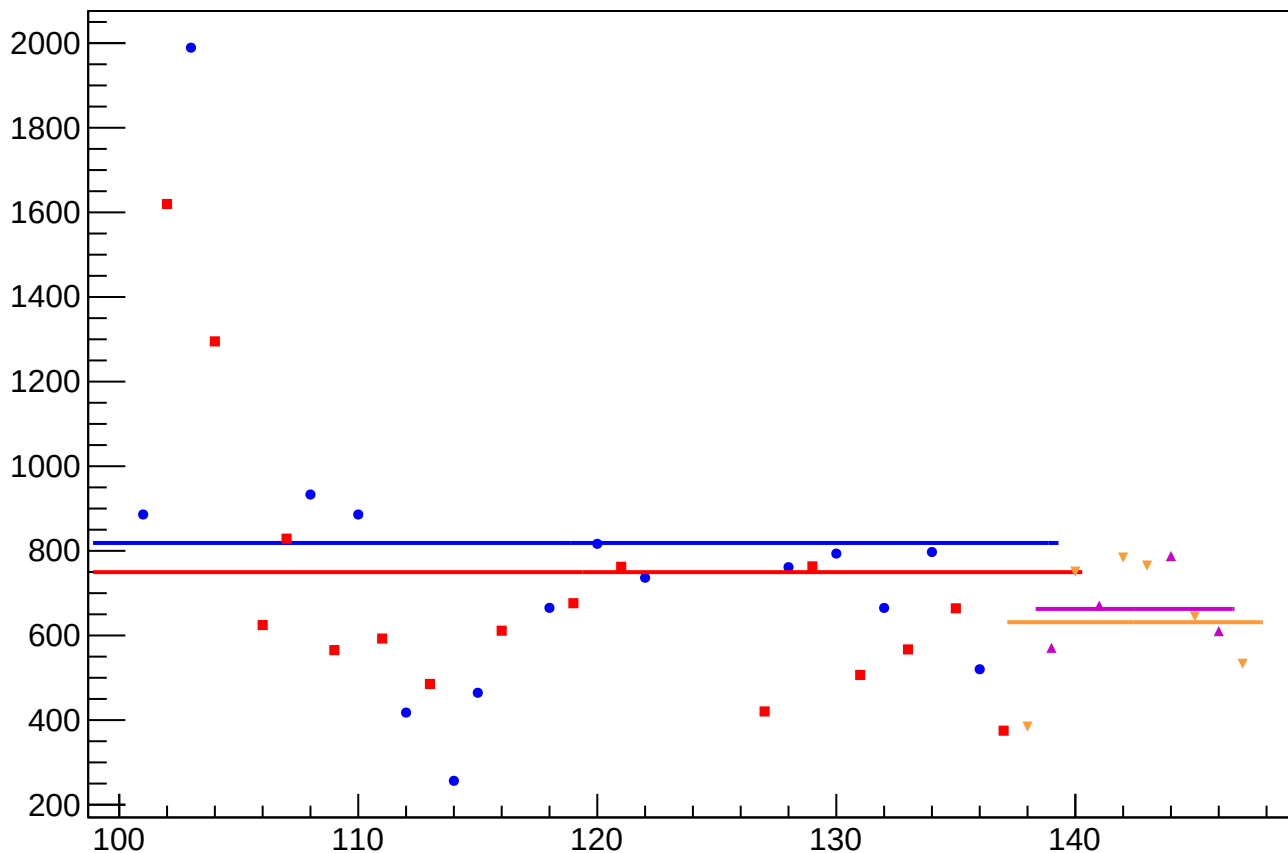
dit_usr_coil7_mean vs Slug



Right In: 25232.229+/-0.000	χ^2/NDF : 24534581974772031016304633863538632294400.0/14
Left Out: 18461.358+/-0.000	χ^2/NDF : 4121685180657138066467690433735565508608.0/5
Right Out: 25601.388+/-0.000	χ^2/NDF : 24359757587964510827650819847270483099648.0/15
Left In: 20327.221+/-0.000	χ^2/NDF : 3464130717094535629752626872769411284992.0/3

+ sign 22526.386+/-0.000 χ^2/NDF : 4054654098162
 All: 23153.284+/-0.000 χ^2/NDF : 7549221976
 - sign 23827.589+/-0.000 χ^2/NDF : 3406388412857

dit_usr_coil7_err_mean vs Slug



Right In: 818.668 $\pm$ 0.000 χ^2 /NDF: 105606527096911974489496802318373355520.0/14

+ sign 743.813 $\pm$ 0.000 χ^2 /NDF: 123666524268805

Left Out: 631.358 $\pm$ 0.000 χ^2 /NDF: 8960375290926776104894420317565353984.0/5

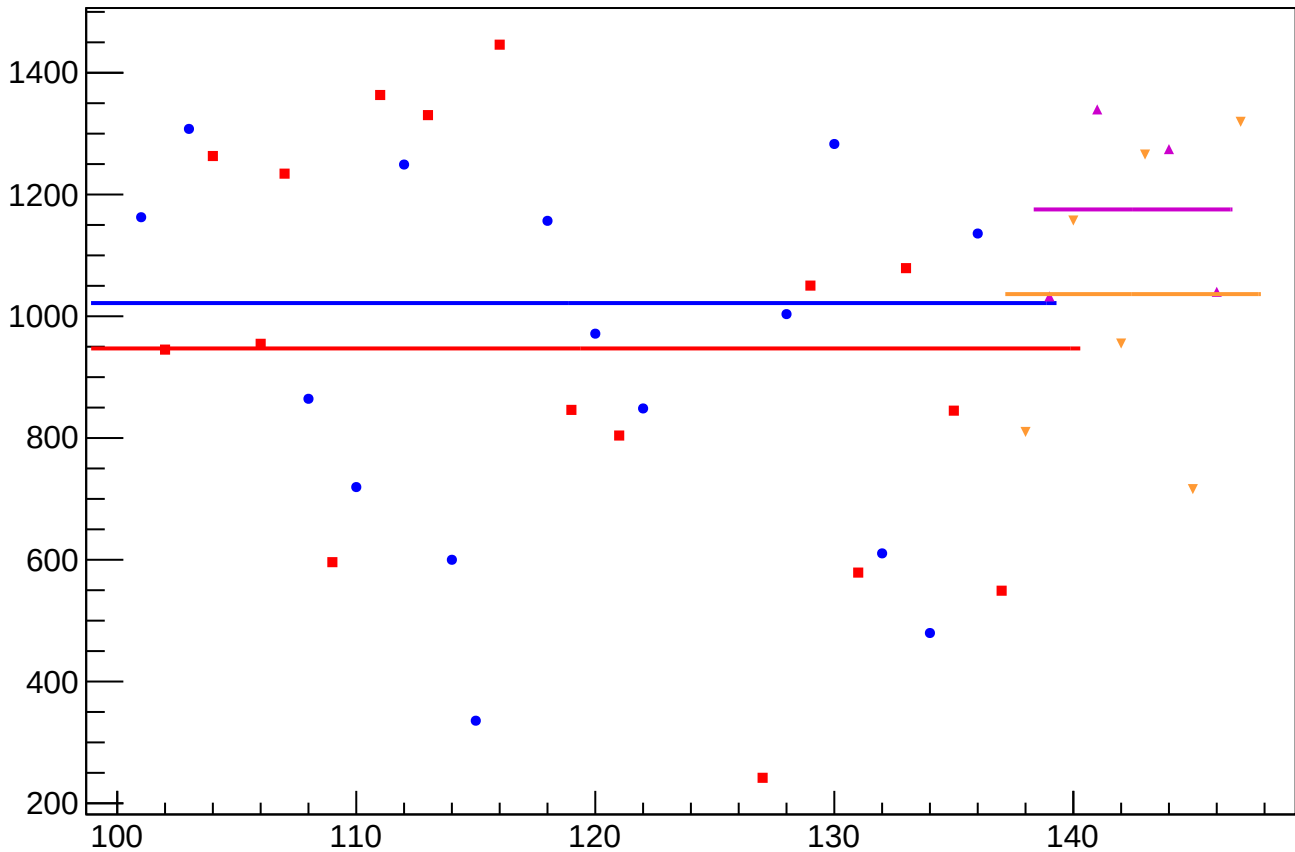
All: 732.552 $\pm$ 0.000 χ^2 /NDF: 205926137683

Right Out: 749.661 $\pm$ 0.000 χ^2 /NDF: 77972691834605708706145461250669150208.0/15

- sign 720.439 $\pm$ 0.000 χ^2 /NDF: 819750551475127

Left In: 662.771 $\pm$ 0.000 χ^2 /NDF: 2308725724070213192726240447451627520.0/3

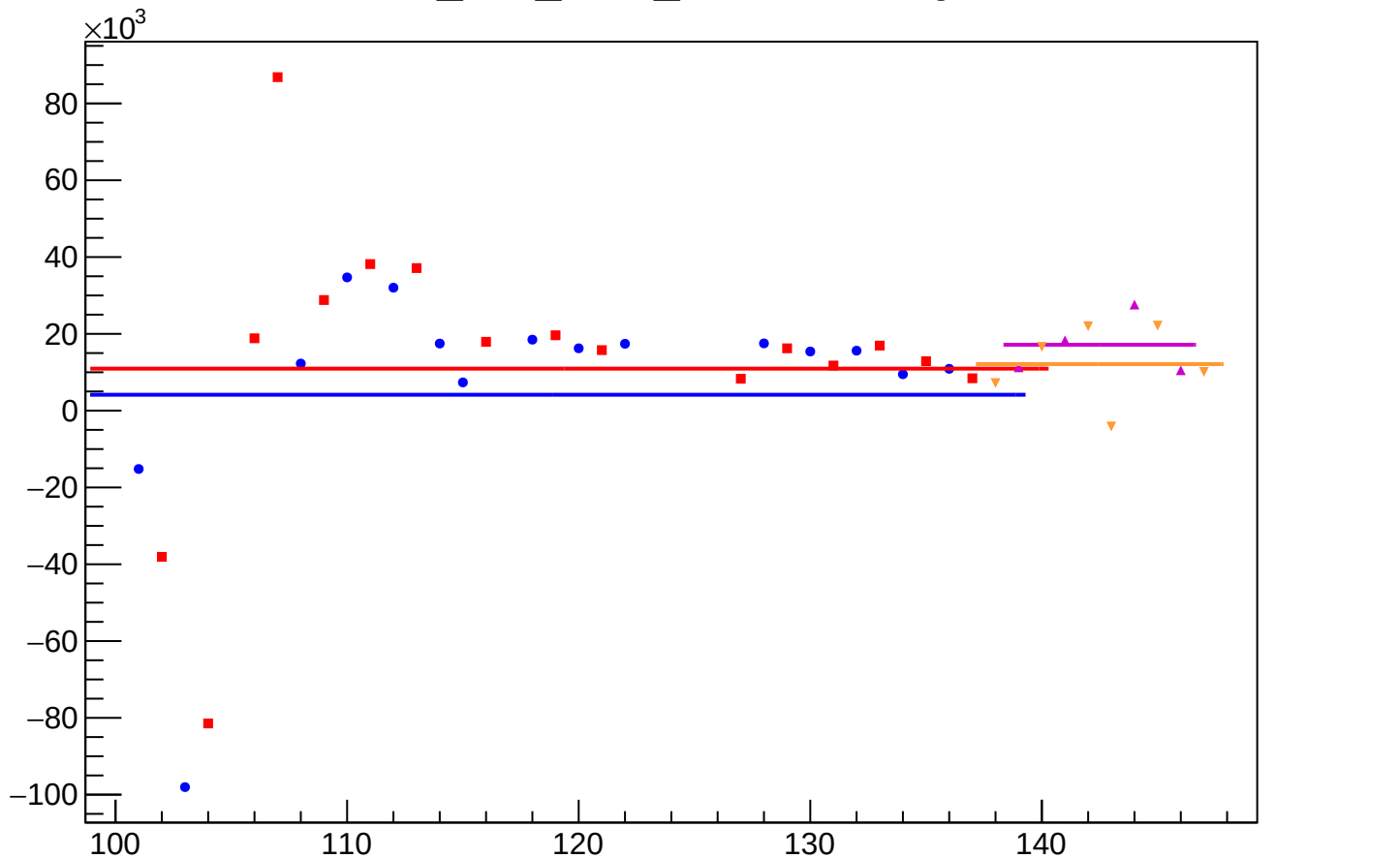
dit_usr_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1175.482+/-0.000	χ^2/NDF : 6339125095672906969903105133619707904.0/3

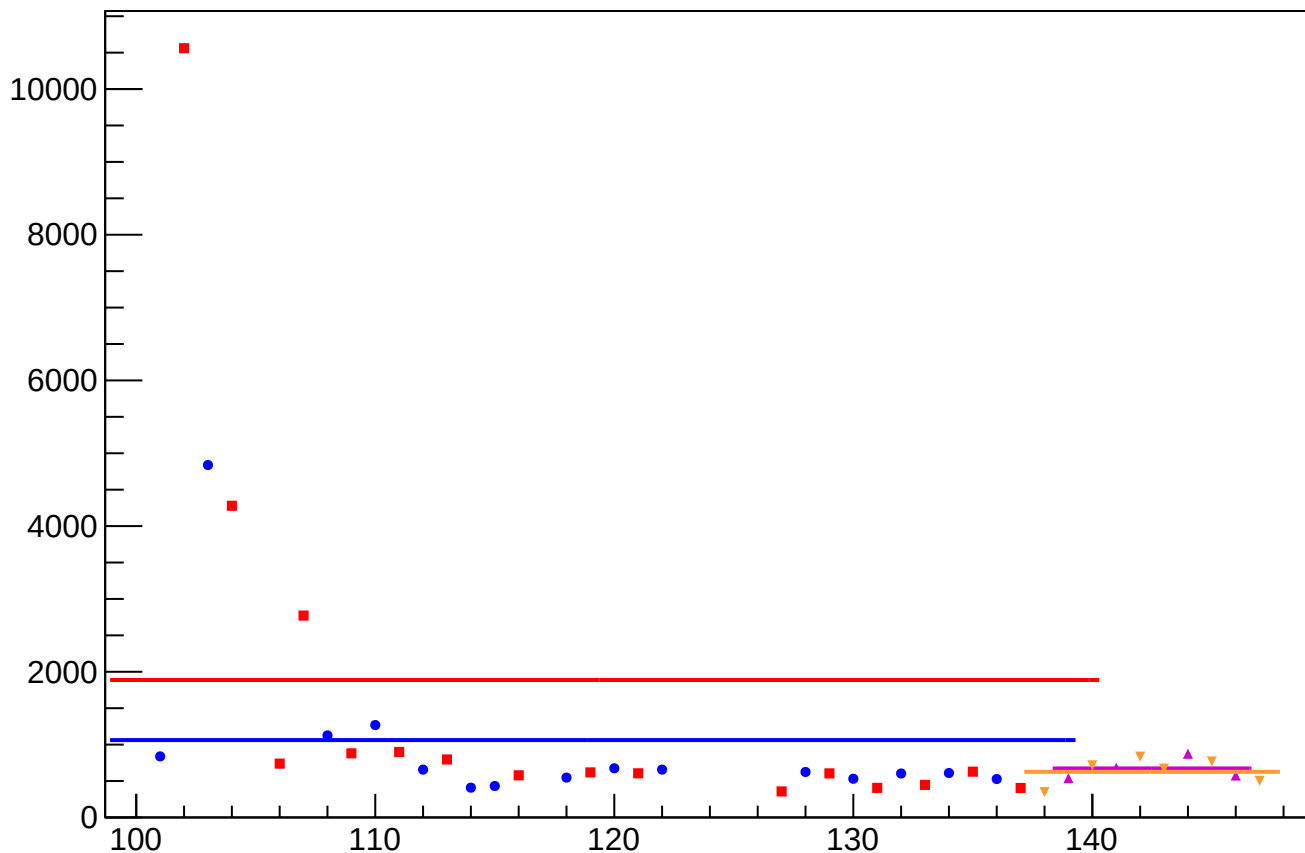
+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648
 All: 1025.822+/-0.000 χ^2/NDF : 14995935619
 - sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

dit_atl1_coil7_mean vs Slug



Right In: 4145.268 ± 0.000 χ^2/NDF : 763693998395064689637972381933507648159744.0/14
 Left Out: 12119.473 ± 0.000 χ^2/NDF : 34150055797565209429187687379429190795264.0/5
 Right Out: 10948.073 ± 0.000 χ^2/NDF : 873949668510327201514601463115396191092736.0/15
 Left In: 17172.808 ± 0.000 χ^2/NDF : 16316224083410241405018270326625241399296.0/3

dit_atl1_coil7_err_mean vs Slug



Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14

Left Out: 626.423+/-0.000 χ^2/NDF : 11685189787136669991956576860924542976.0/5

Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15

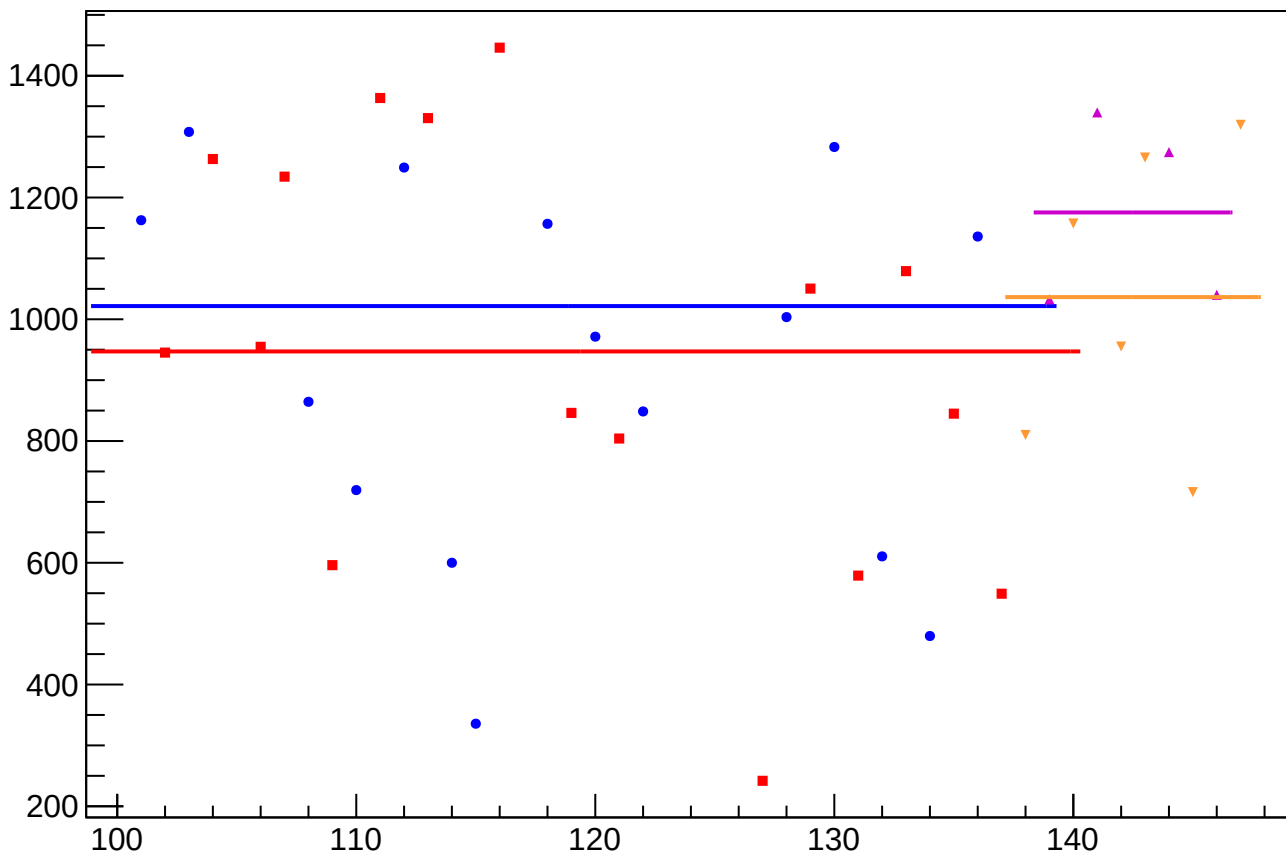
Left In: 672.947+/-0.000 χ^2/NDF : 5853581171404083911446709111036575744.0/3

+ sign 888.015+/-0.000 χ^2/NDF : 101373083383386

All: 1172.618+/-0.000 χ^2/NDF : 7057877138

- sign 1478.743+/-0.000 χ^2/NDF : 58624053485794

dit_atl1_coil7_Ndata_mean vs Slug



Right In: 1021.684 $\pm$ 0.000 χ^2 /NDF: 40493101470870278397836276403592495104.0/14

Left Out: 1036.417 $\pm$ 0.000 χ^2 /NDF: 23583550491509628507489682930003869696.0/5

Right Out: 947.145 $\pm$ 0.000 χ^2 /NDF: 67784656011936521511169668028018196480.0/15

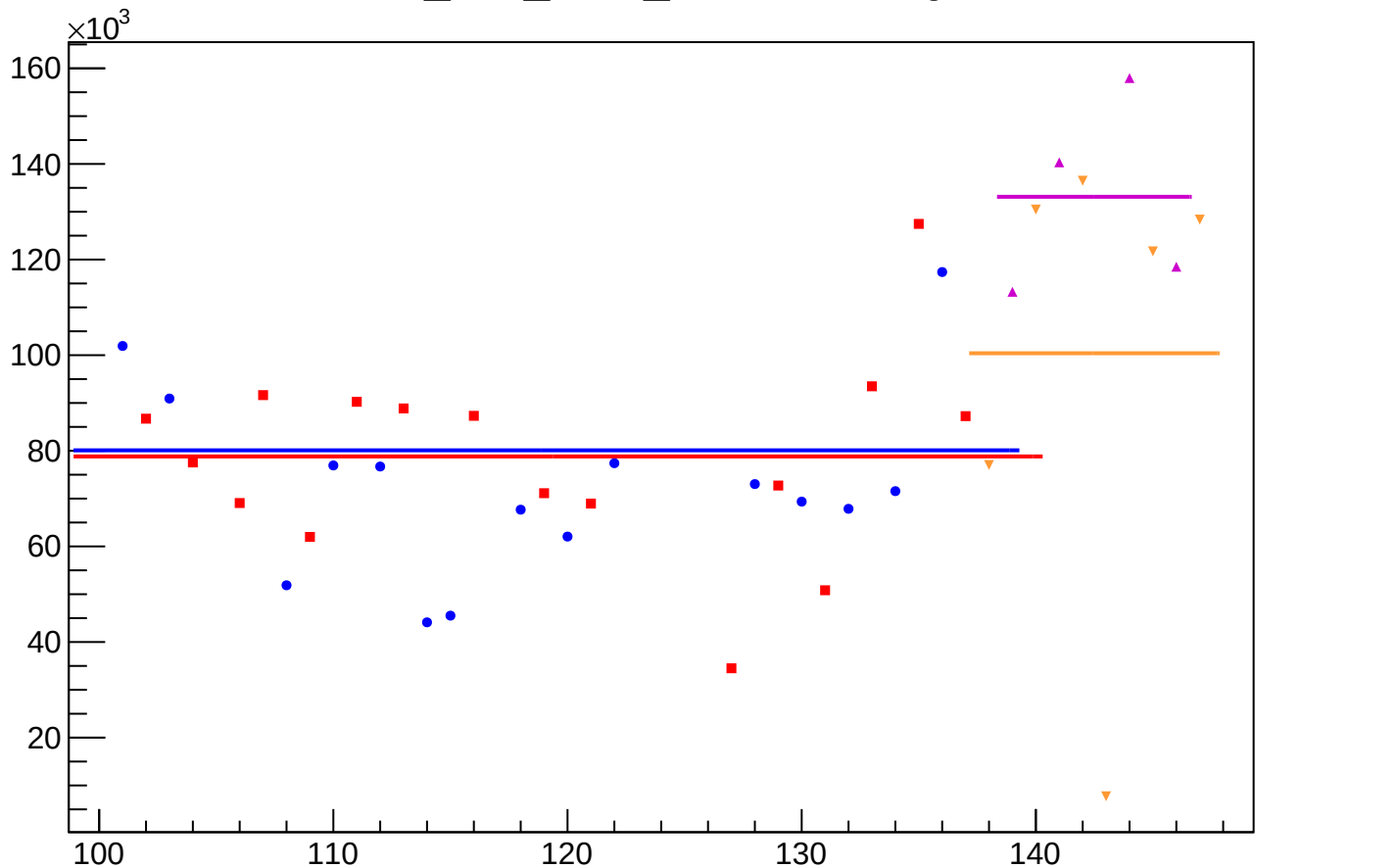
Left In: 1175.482 $\pm$ 0.000 χ^2 /NDF: 6339125095672906969903105133619707904.0/3

+ sign 1027.572 $\pm$ 0.000 χ^2 /NDF: 64132945409648

All: 1025.822 $\pm$ 0.000 χ^2 /NDF: 14995935619

- sign 1023.939 $\pm$ 0.000 χ^2 /NDF: 85819539118077

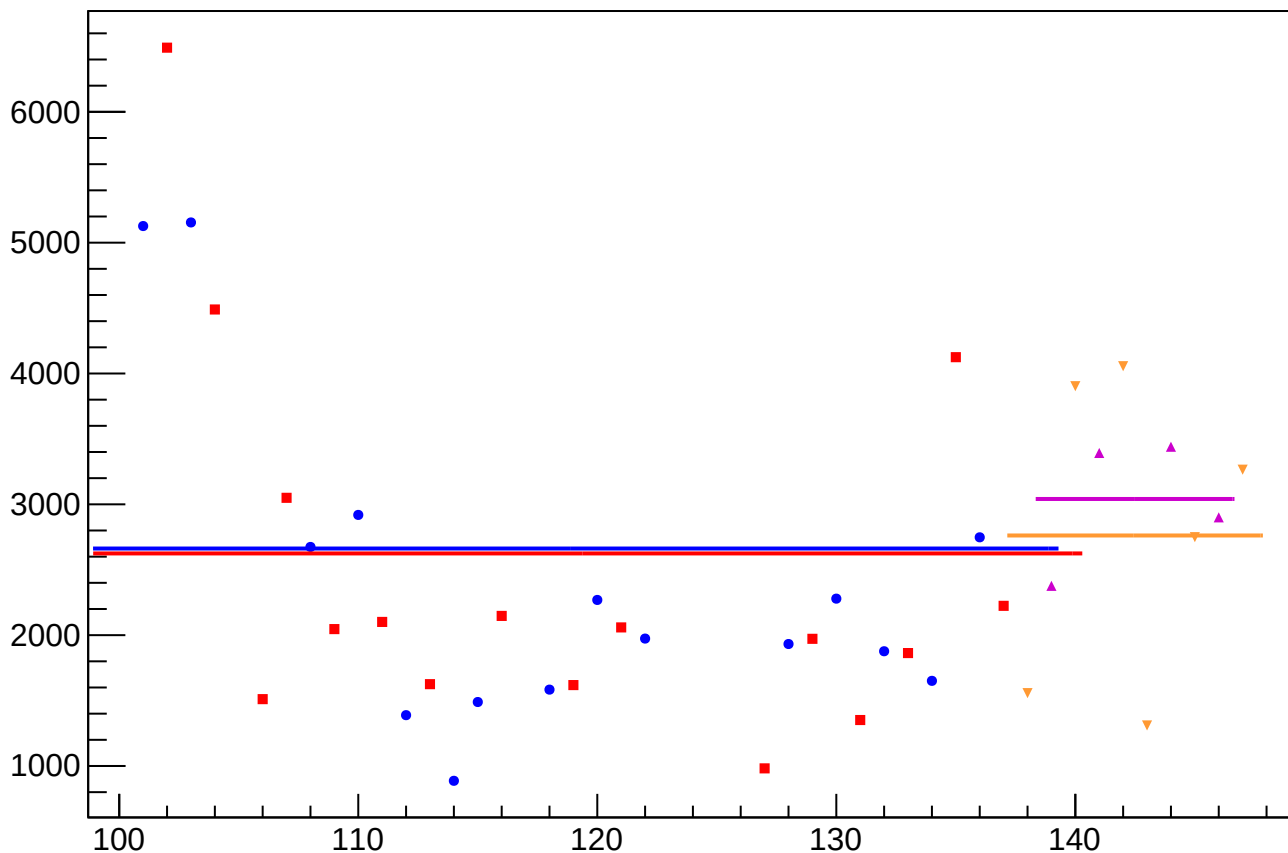
dit_atl2_coil7_mean vs Slug



Right In: 80102.504+/-0.000	χ^2/NDF : 254521784097258654723607522631742465769472.0/14
Left Out: 100405.094+/-0.000	χ^2/NDF : 849810376314937148823011181260781253558272.0/5
Right Out: 78815.832+/-0.000	χ^2/NDF : 286076919217811099434470442231998185472000.0/15
Left In: 133130.524+/-0.000	χ^2/NDF : 109058240209073738531493020807653383733248.0/3

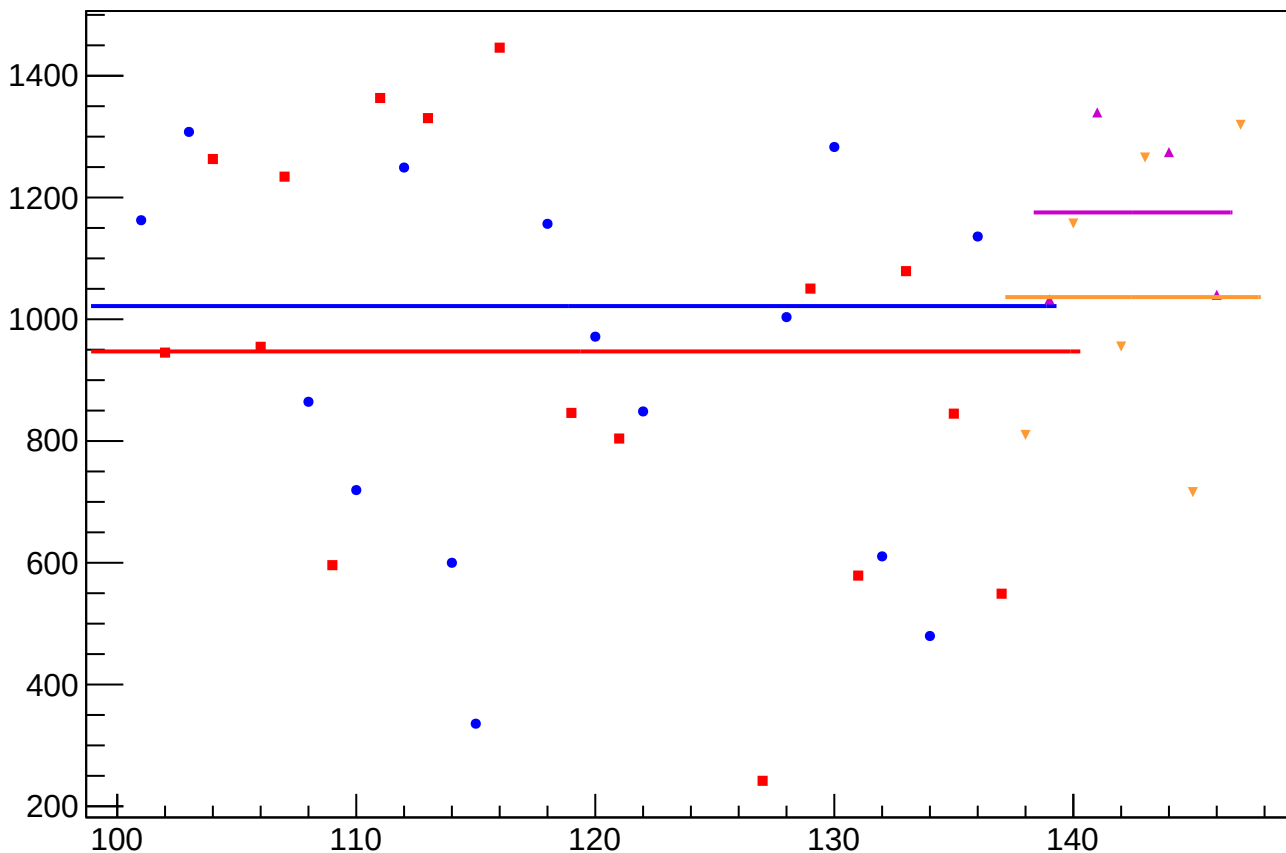
+ sign 88216.028+/-0.000 χ^2/NDF : 1211239035118
 All: 92487.921+/-0.000 χ^2/NDF : 2309096635
 - sign 97082.863+/-0.000 χ^2/NDF : 1056911294743

dit_atl2_coil7_err_mean vs Slug



Right In: 2662.183+/-0.000 χ^2/NDF : 1031389230165640157864439705583367487488.0/14
 Left Out: 2761.874+/-0.000 χ^2/NDF : 458017467166358300818705716761897992192.0/5
 Right Out: 2624.696+/-0.000 χ^2/NDF : 1566705216866534713590934835660406652928.0/15
 Left In: 3040.922+/-0.000 χ^2/NDF : 62049981843286240644980547850267000832.0/3
 All: 2732.210+/-0.000 χ^2/NDF : 31616469809
 + sign 2702.023+/-0.000 χ^2/NDF : 14919842737657
 - sign 2764.681+/-0.000 χ^2/NDF : 16676180091333

dit_atl2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

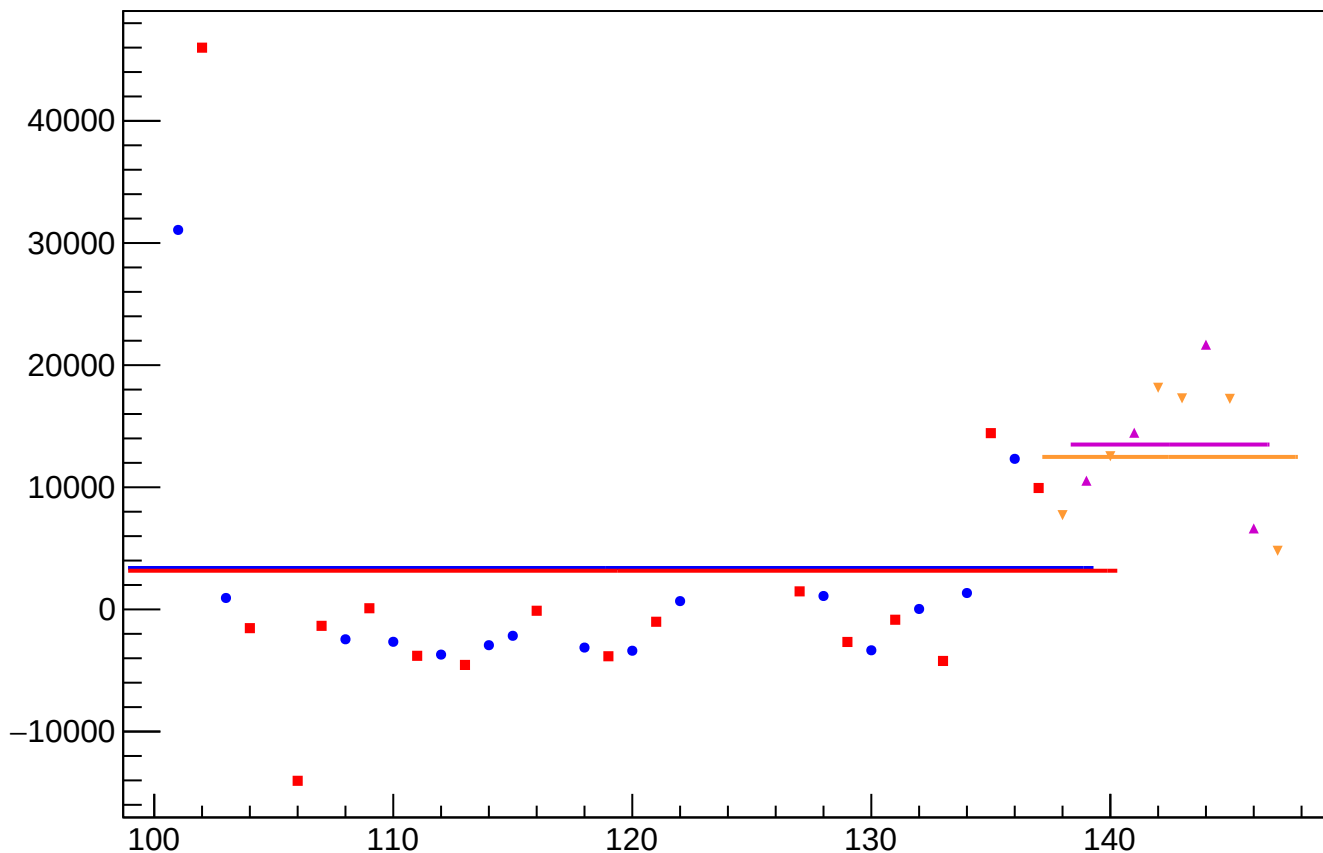
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

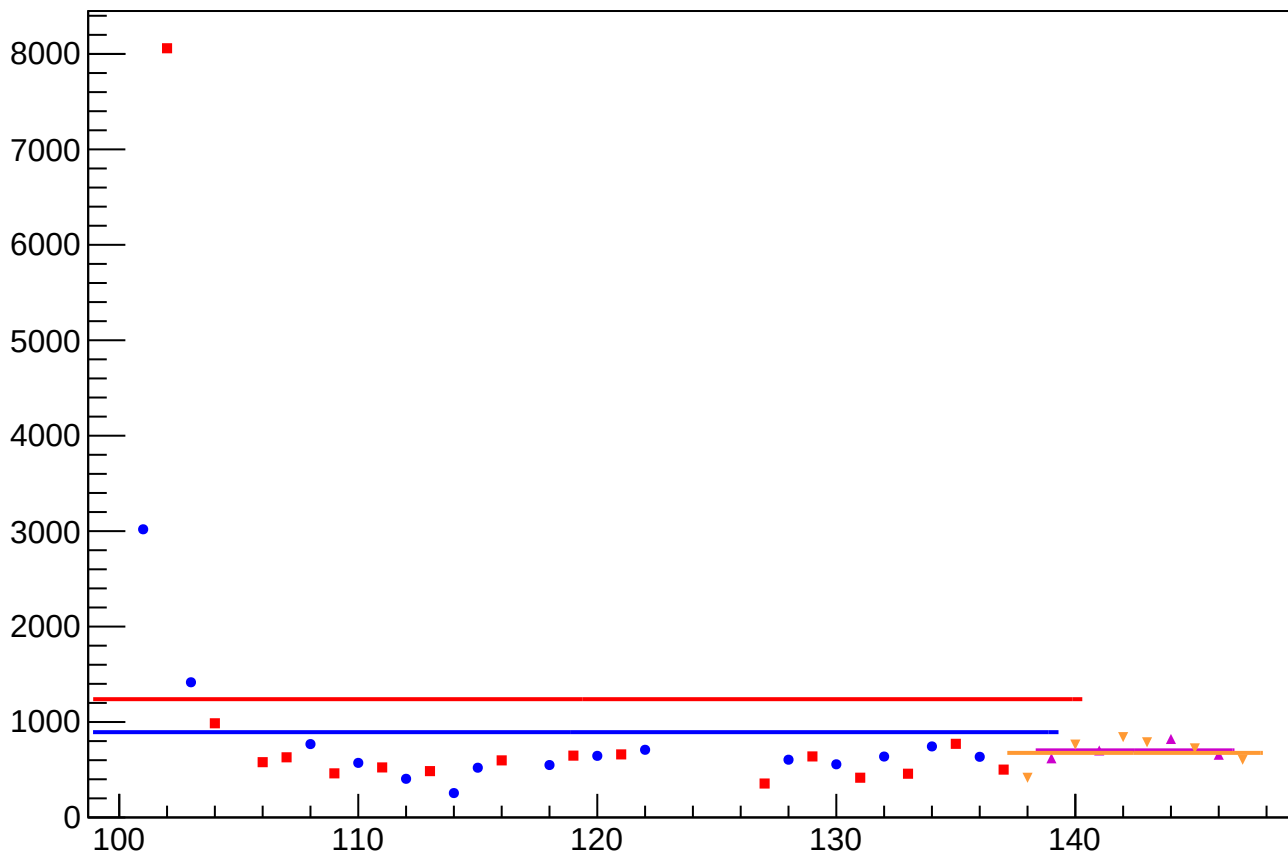
dit_atr1_coil7_mean vs Slug



Right In: 3390.550+/-0.000	χ^2/NDF : 65871927441553256724179194556280173756416.0/14
Left Out: 12486.315+/-0.000	χ^2/NDF : 11227486996900088092798975458147060154368.0/5
Right Out: 3167.396+/-0.000	χ^2/NDF : 137753886677241144460462531881687568089088.0/15
Left In: 13499.928+/-0.000	χ^2/NDF : 10653376191380315059113741534854968770560.0/3

+ sign 7025.490+/-0.000 χ^2/NDF : 98557017514503
 All: 6840.932+/-0.000 χ^2/NDF : 27098985200
 - sign 6642.416+/-0.000 χ^2/NDF : 17235640820037

dit_atr1_coil7_err_mean vs Slug



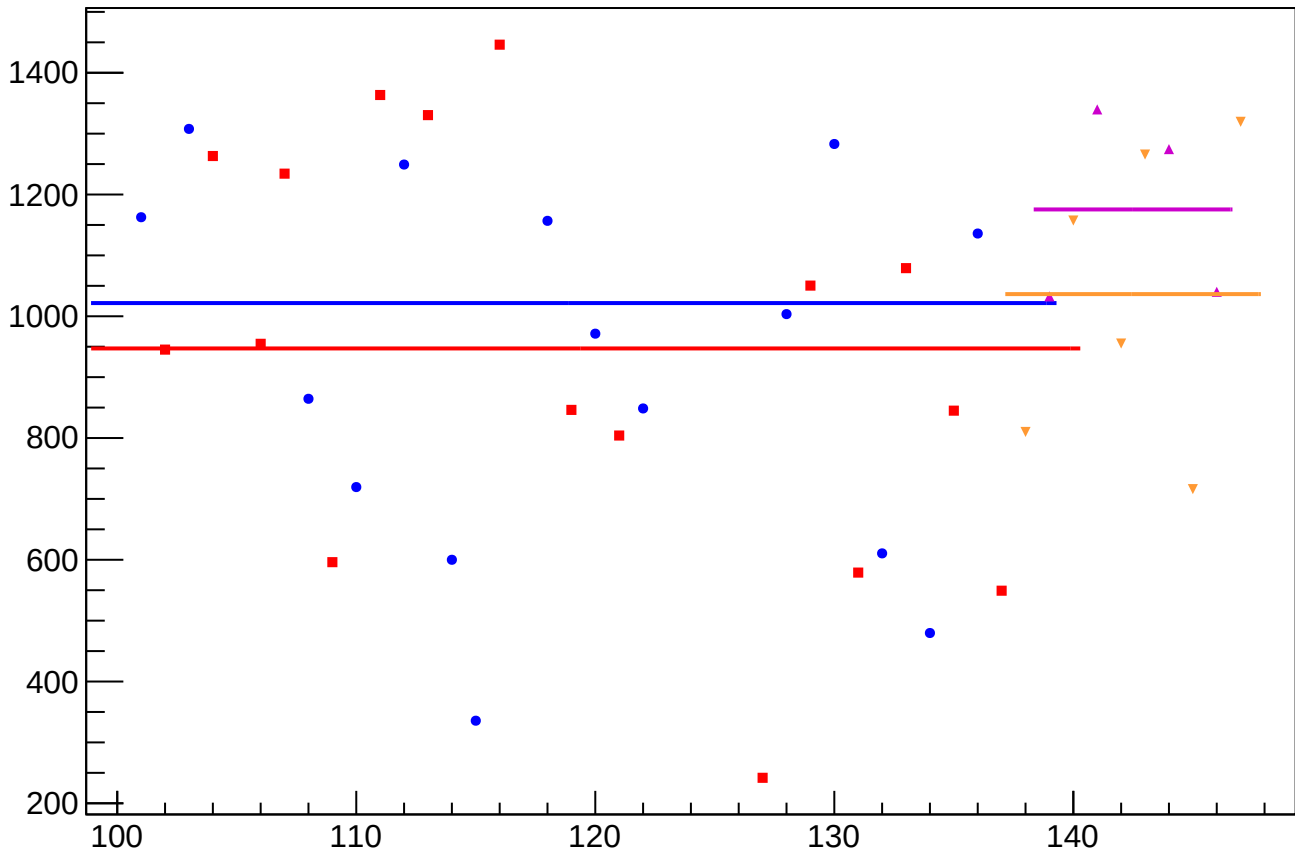
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 676.560+/-0.000 χ^2/NDF : 8578438935384331714849888772546363392.0/5

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

Left In: 702.984+/-0.000 χ^2/NDF : 2004518702340308392190635474889474048.0/3

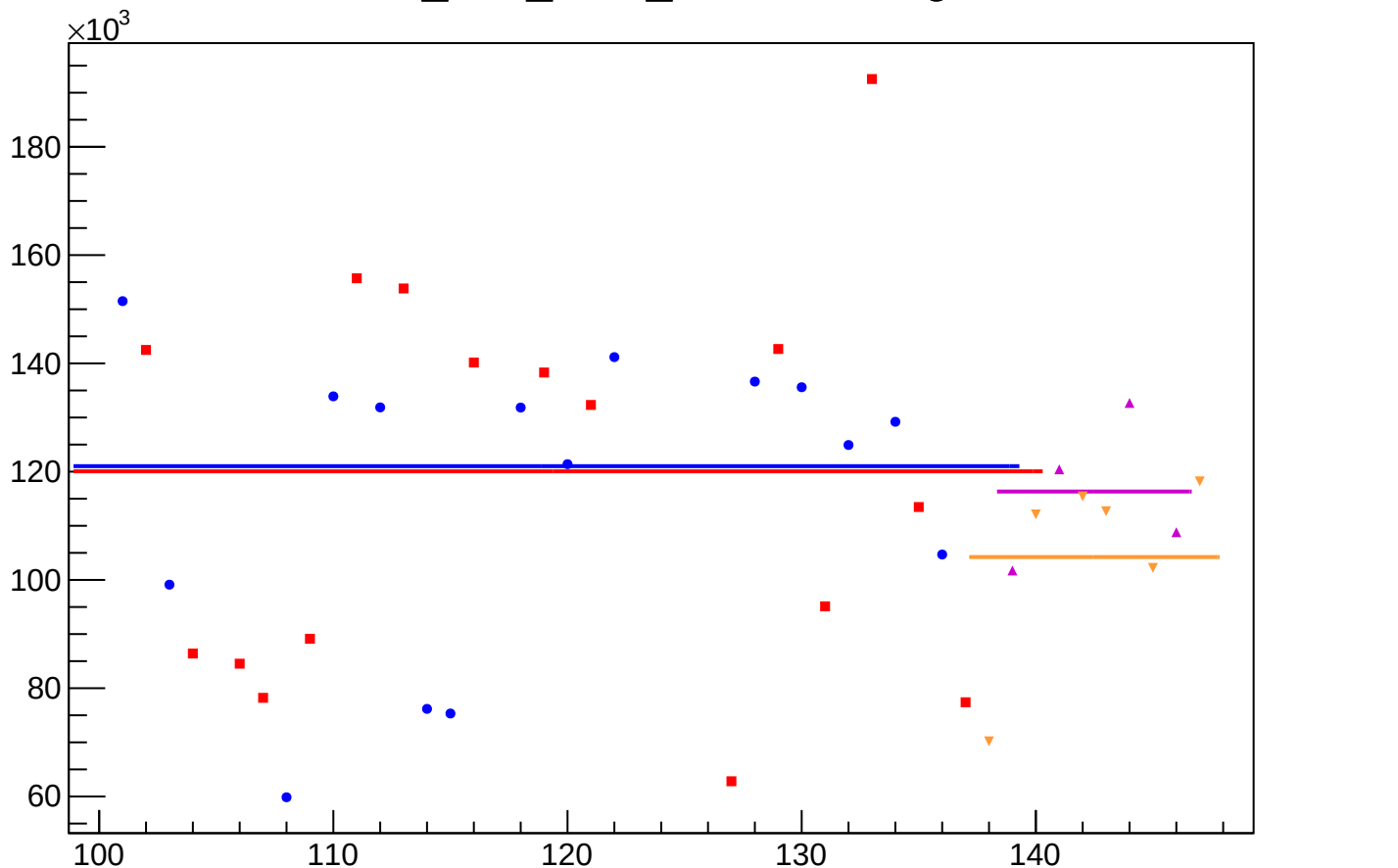
dit_atr1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1175.482+/-0.000	χ^2/NDF : 6339125095672906969903105133619707904.0/3

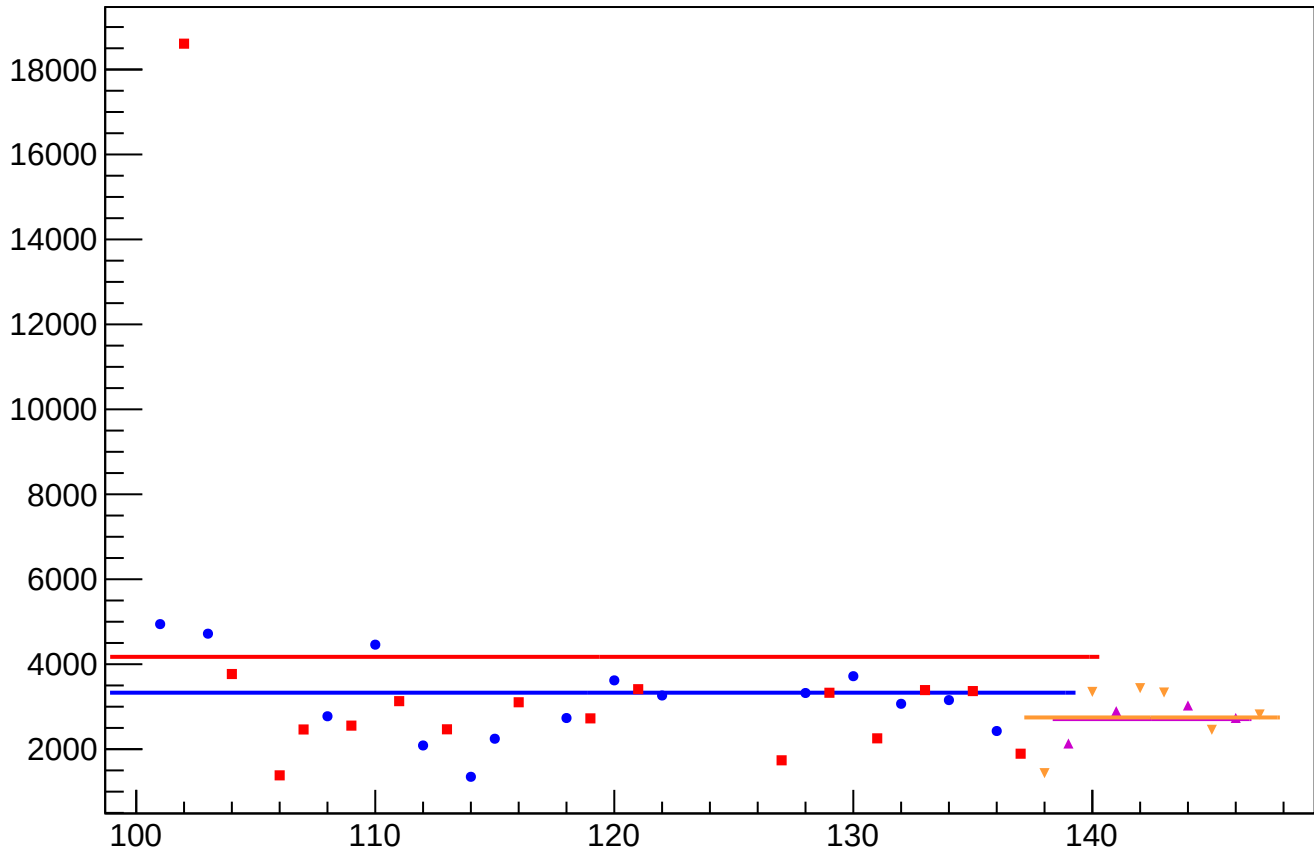
+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648.0/5
 All: 1025.822+/-0.000 χ^2/NDF : 14995935619.0/3
 - sign 1023.939+/-0.000 χ^2/NDF : 85819539118077.0/5

dit_atr2_coil7_mean vs Slug



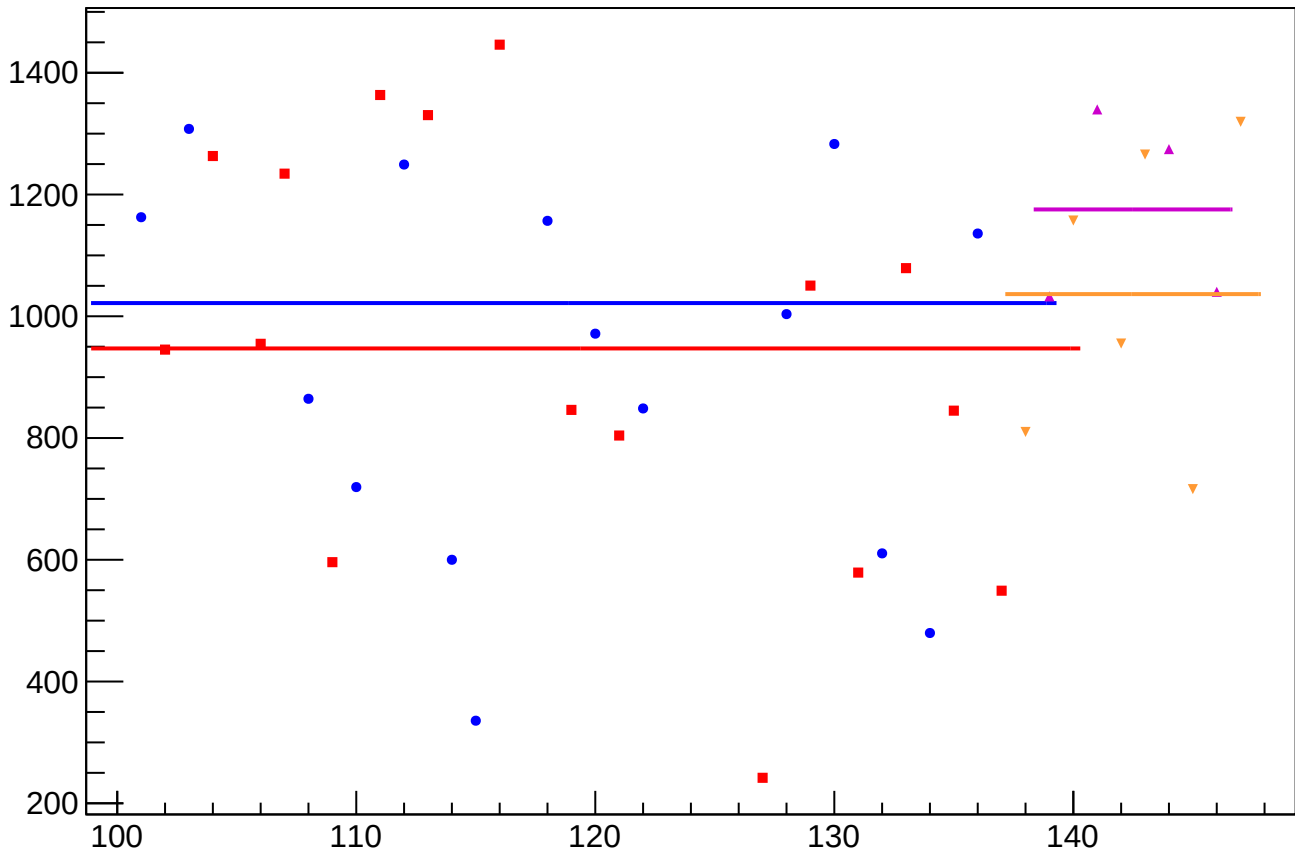
Right In: 121016.482 $\pm$ 0.000 χ^2 /NDF: 358713856404303554987784975983609668173824.0/14
 Left Out: 104227.156 $\pm$ 0.000 χ^2 /NDF: 121612417170820526553310156817935959588864.0/5
 Right Out: 120060.693 $\pm$ 0.000 χ^2 /NDF: 828419782346707601448620310014135952736256.0/15
 Left In: 116328.061 $\pm$ 0.000 χ^2 /NDF: 47192721591620891263505790217143309041664.0/3

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488+/-0.000 χ^2/NDF : 567034774398456376227526824513721335808.0/14
 Left Out: 2746.619+/-0.000 χ^2/NDF : 215971315093179029956638812742780715008.0/5
 Right Out: 4173.434+/-0.000 χ^2/NDF : 13498246551537992400095003154682468106240.0/15
 Left In: 2708.335+/-0.000 χ^2/NDF : 38886523694886465660942011355241644032.0/3
 All: 3377.984+/-0.000 χ^2/NDF : 1506747734
 + sign 3096.556+/-0.000 χ^2/NDF : 87111998832715
 - sign 3680.694+/-0.000 χ^2/NDF : 14018648641410

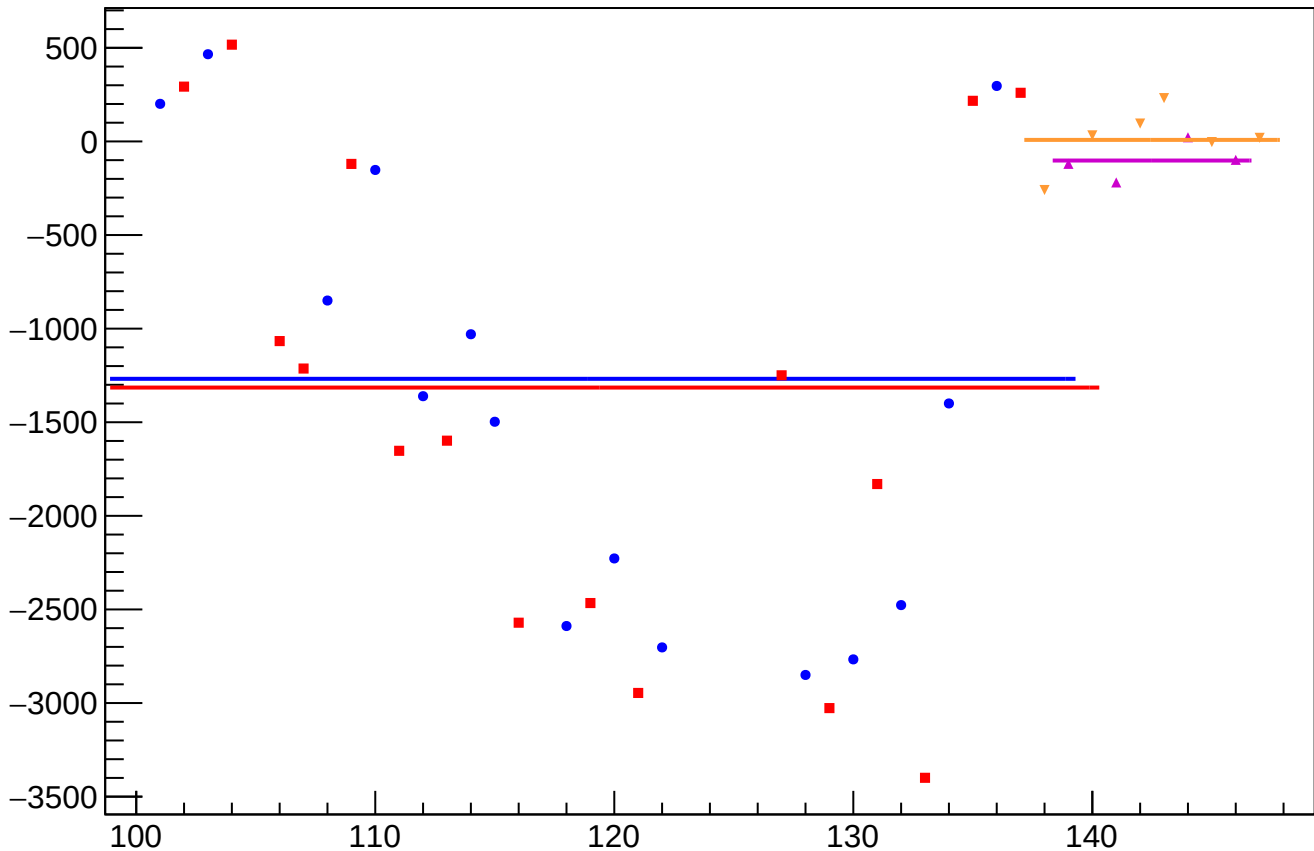
dit_atr2_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1175.482+/-0.000	χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648.0/5
 All: 1025.822+/-0.000 χ^2/NDF : 14995935619.0/3
 - sign 1023.939+/-0.000 χ^2/NDF : 85819539118077.0/5

dit_sam1_coil7_mean vs Slug



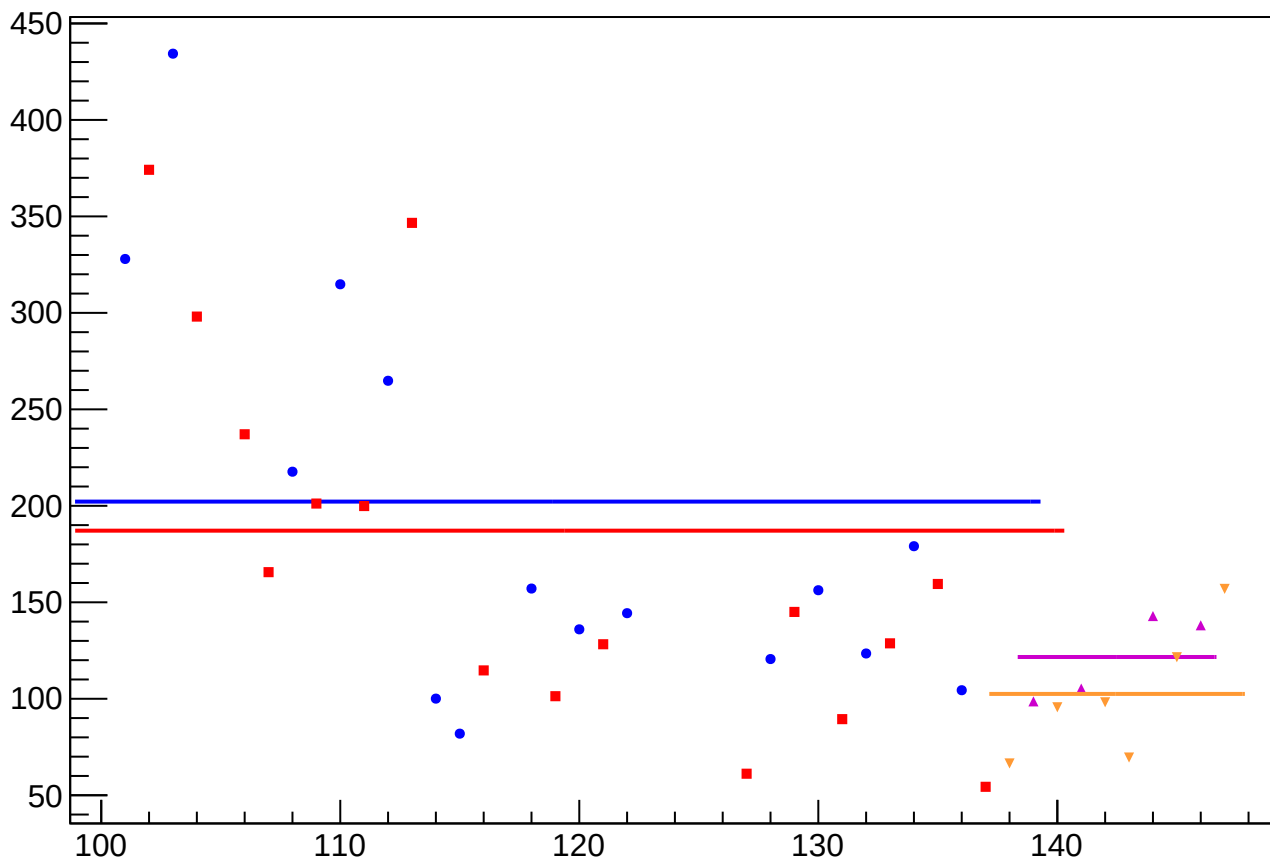
Right In: -1268.061 ± 0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: 8.179 ± 0.000 χ^2/NDF : 9349510132545392479486385134902444032.0/5

Right Out: -1314.767 ± 0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

Left In: -102.032 ± 0.000 χ^2/NDF : 2563458602788665029488202700942213120.0/3

dit_sam1_coil7_err_mean vs Slug



Right In: 202.191+/-0.000 χ^2/NDF : 7027941052752849066369040650615128064.0/14

Left Out: 102.515+/-0.000 χ^2/NDF : 439255740185768259535071140529569792.0/5

Right Out: 187.126+/-0.000 χ^2/NDF : 6230029491605524746936515809941389312.0/15

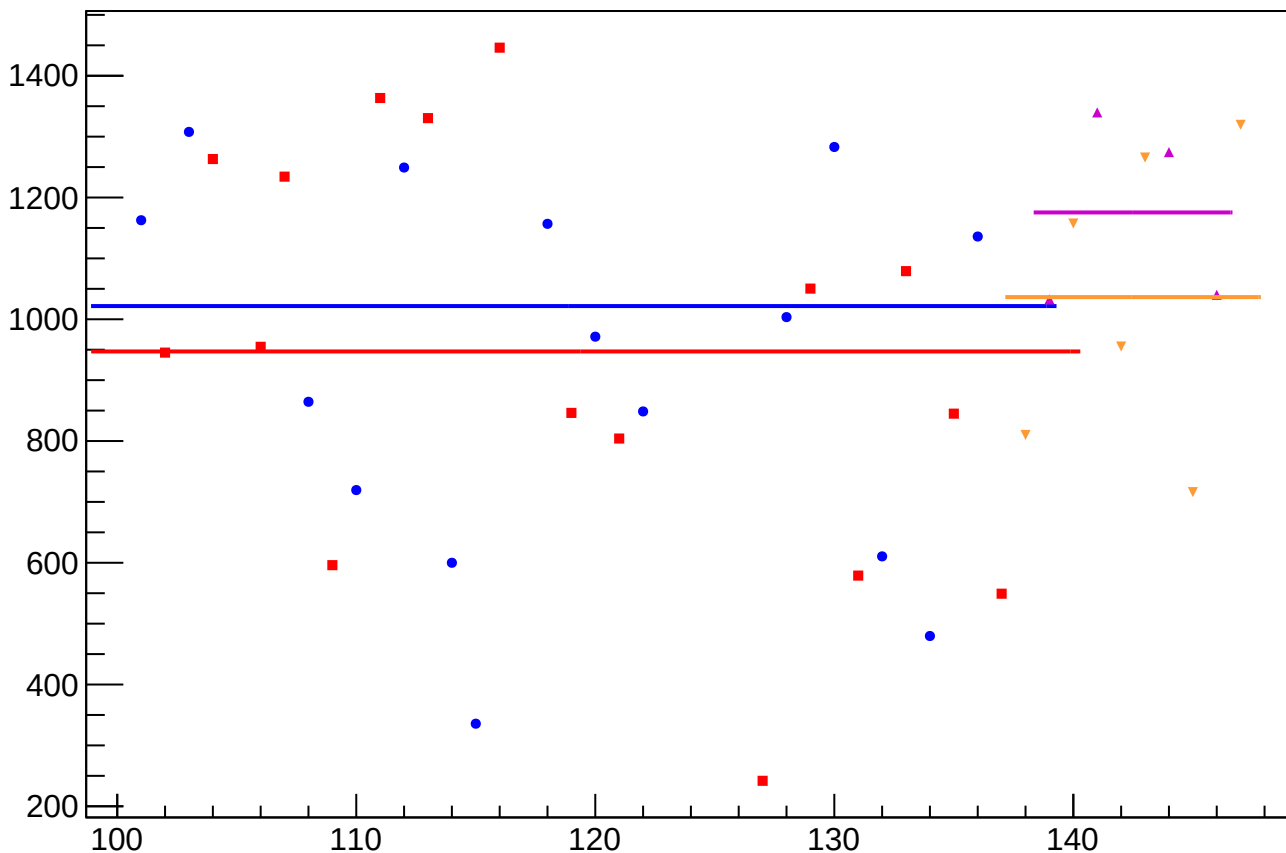
Left In: 121.651+/-0.000 χ^2/NDF : 128055271057045049070219342175535104.0/3

+ sign 162.357+/-0.000 χ^2/NDF : 100440262729209

All: 163.681+/-0.000 χ^2/NDF : 173677019003

- sign 165.106+/-0.000 χ^2/NDF : 731974167233990

dit_sam1_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

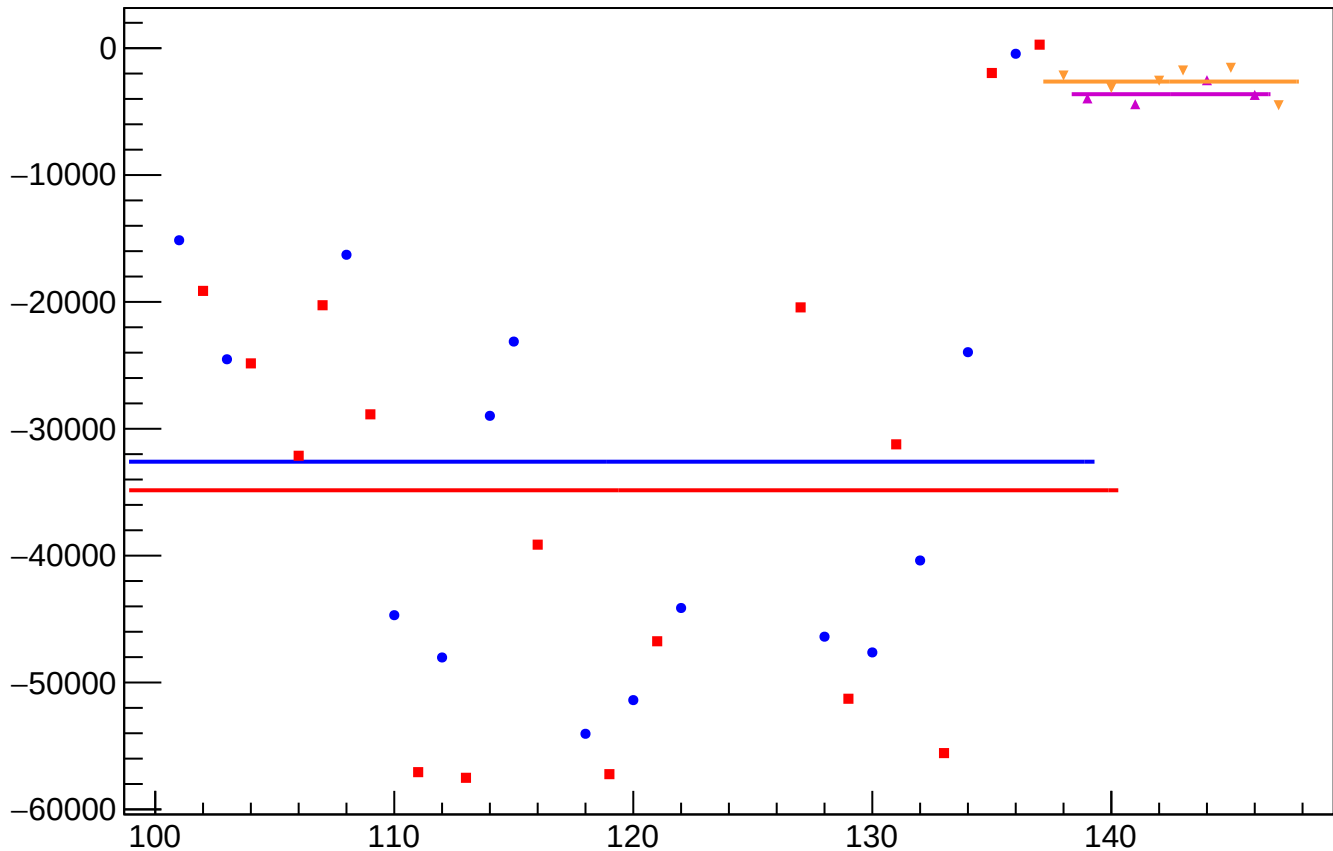
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

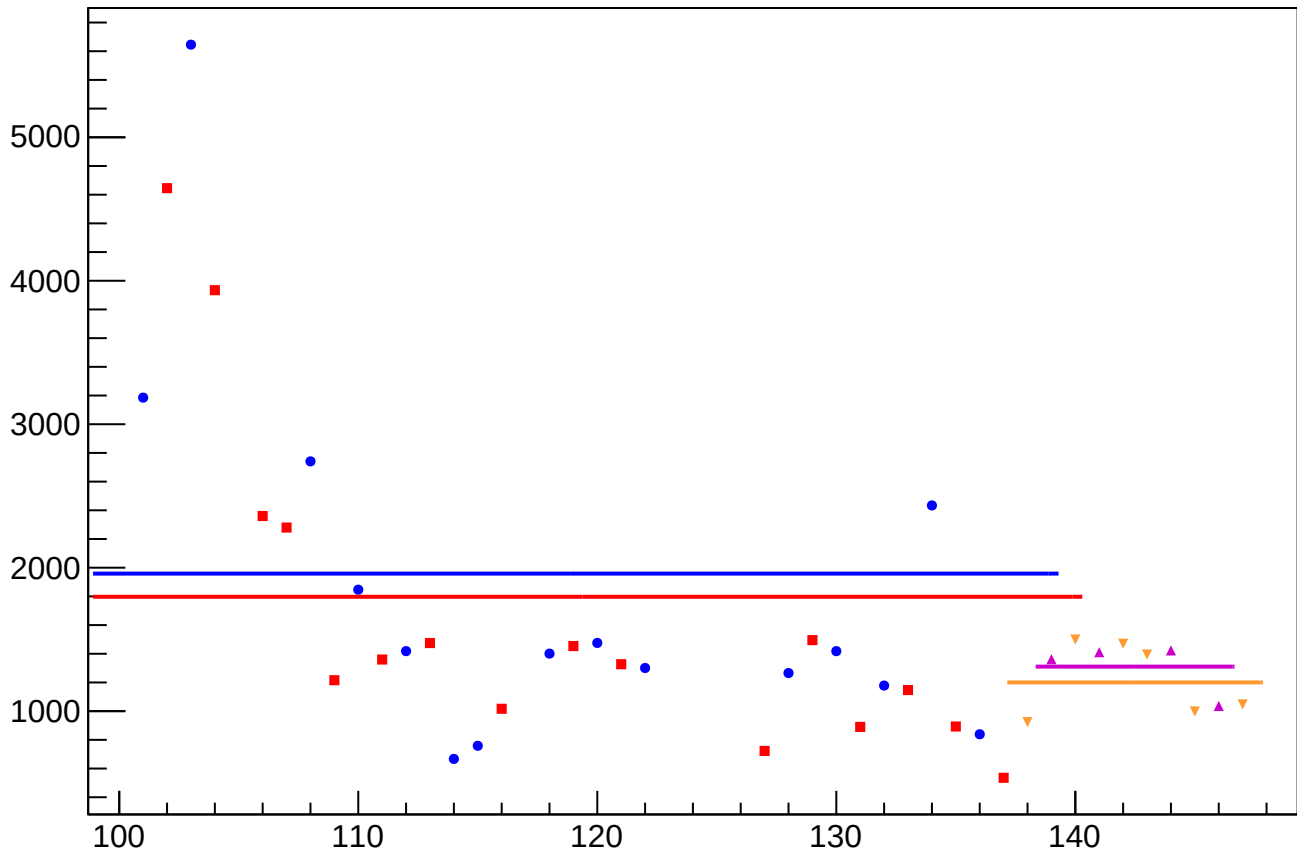
- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

dit_sam2_coil7_mean vs Slug



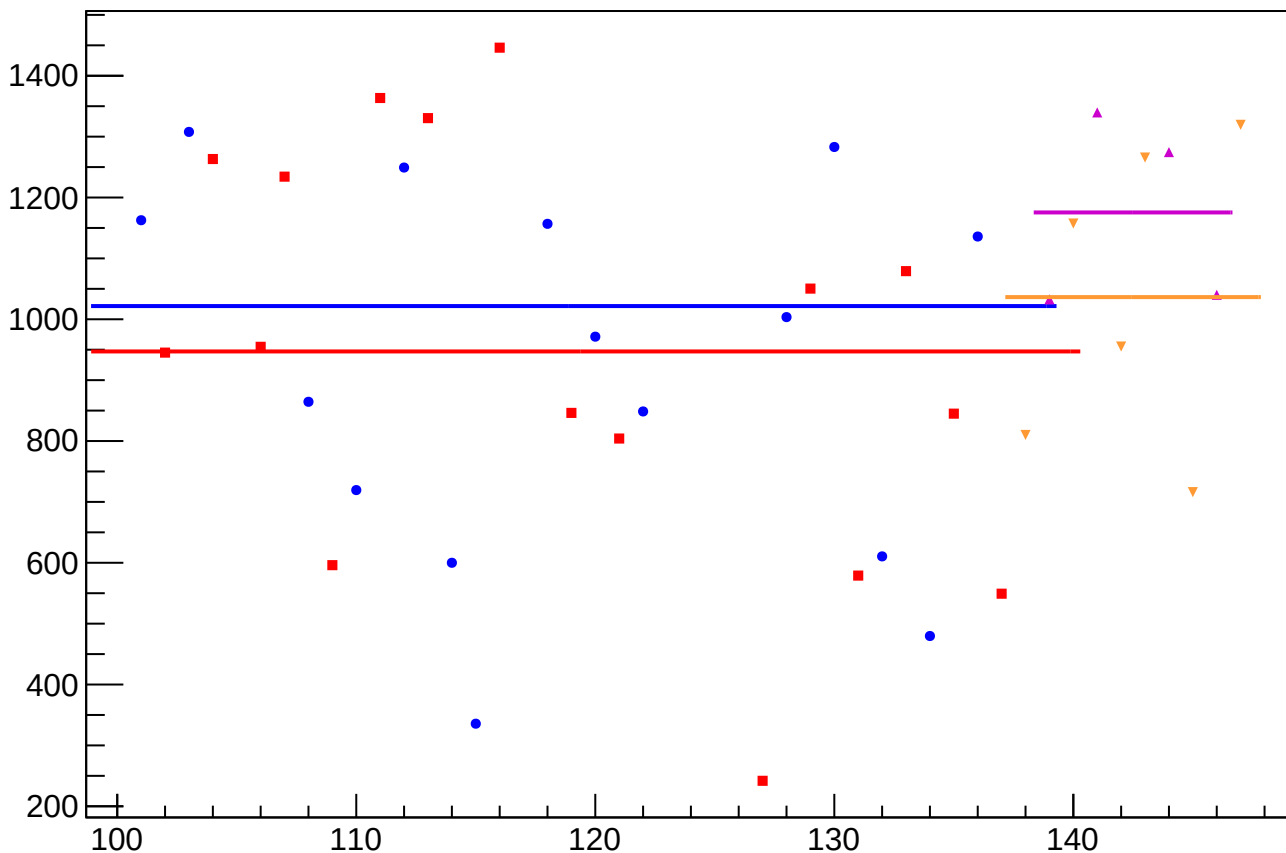
Right In: -32594.962+/-0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -2631.798+/-0.000 χ^2/NDF : 456735159405004969775848529833458925568.0/5
 Right Out: -34848.046+/-0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -3627.181+/-0.000 χ^2/NDF : 169964504905638567531324787137682866176.0/3

dit_sam2_coil7_err_mean vs Slug



Right In: 1958.835 $\pm$ 0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1200.326 $\pm$ 0.000 χ^2/NDF : 24358975276939347115759168977295638528.0/5
 Right Out: 1797.392 $\pm$ 0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1310.424 $\pm$ 0.000 χ^2/NDF : 8450991204366017501874470317256081408.0/3

dit_sam2_coil7_Ndata_mean vs Slug



Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417 +/- 0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

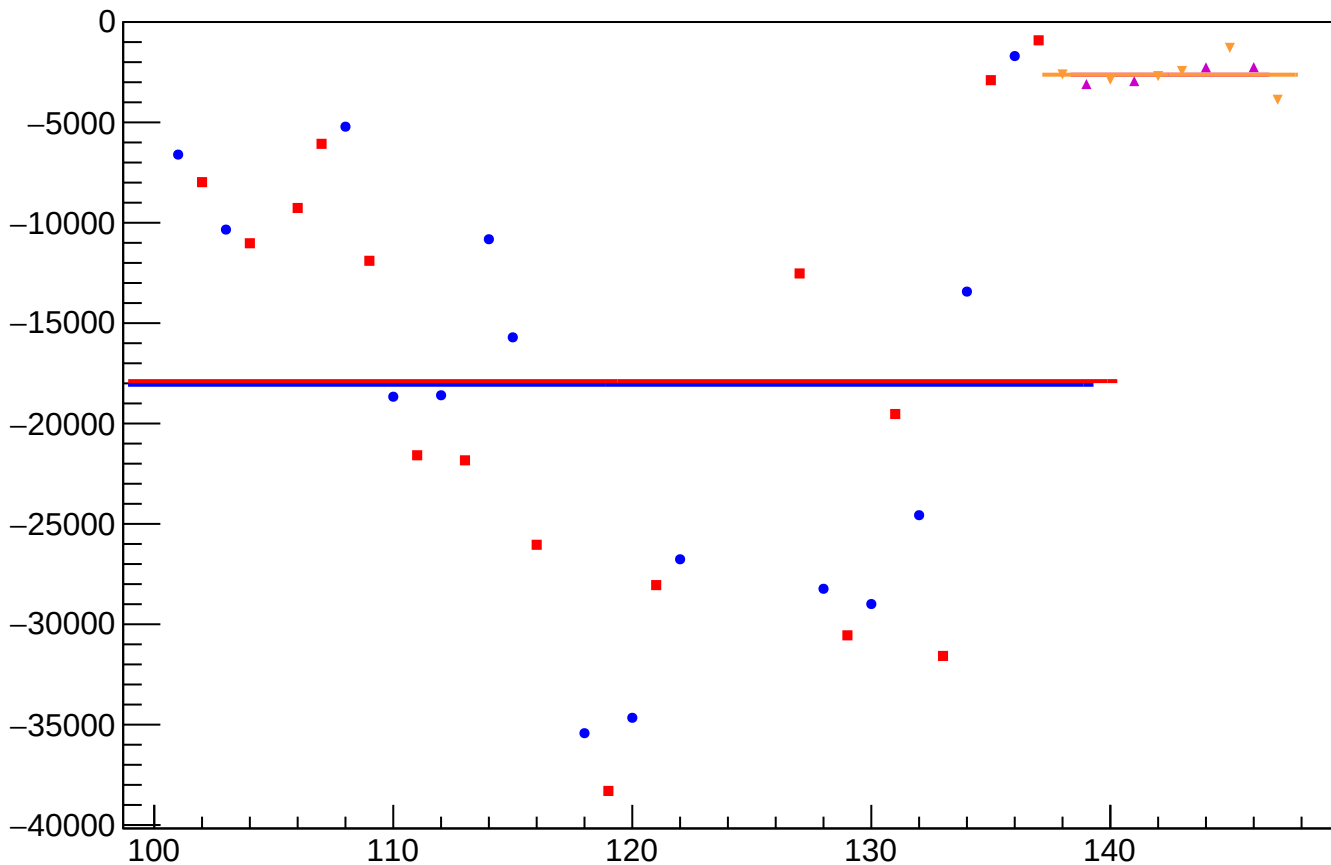
Left In: 1175.482 +/- 0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572 +/- 0.000 χ^2/NDF : 64132945409648

All: 1025.822 +/- 0.000 χ^2/NDF : 14995935619

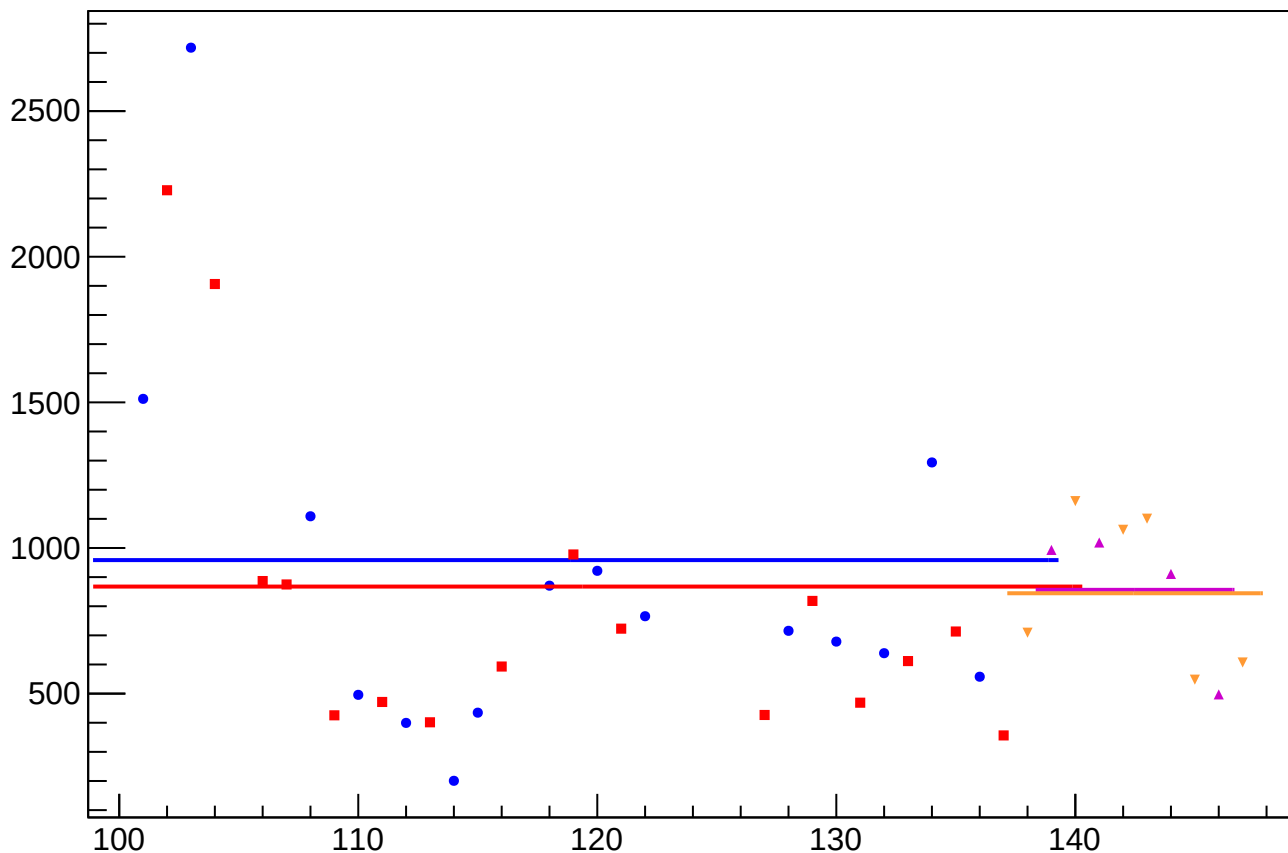
- sign 1023.939 +/- 0.000 χ^2/NDF : 85819539118077

dit_sam3_coil7_mean vs Slug



Right In: -18068.550+/-0.000 χ^2/NDF : 84312156443533553417760933497753760169984.0/14
 Left Out: -2623.634+/-0.000 χ^2/NDF : 274204319542153824349918271678976098304.0/5
 Right Out: -17888.149+/-0.000 χ^2/NDF : 78405915612914252869875231068795393015808.0/15
 Left In: -2626.899+/-0.000 χ^2/NDF : 49779329813721254870829516552220442624.0/3

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 26473310505852282278137197070739570688.0/14

Left Out: 844.556+/-0.000 χ^2/NDF : 27747495639598744499077010708316028928.0/5

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

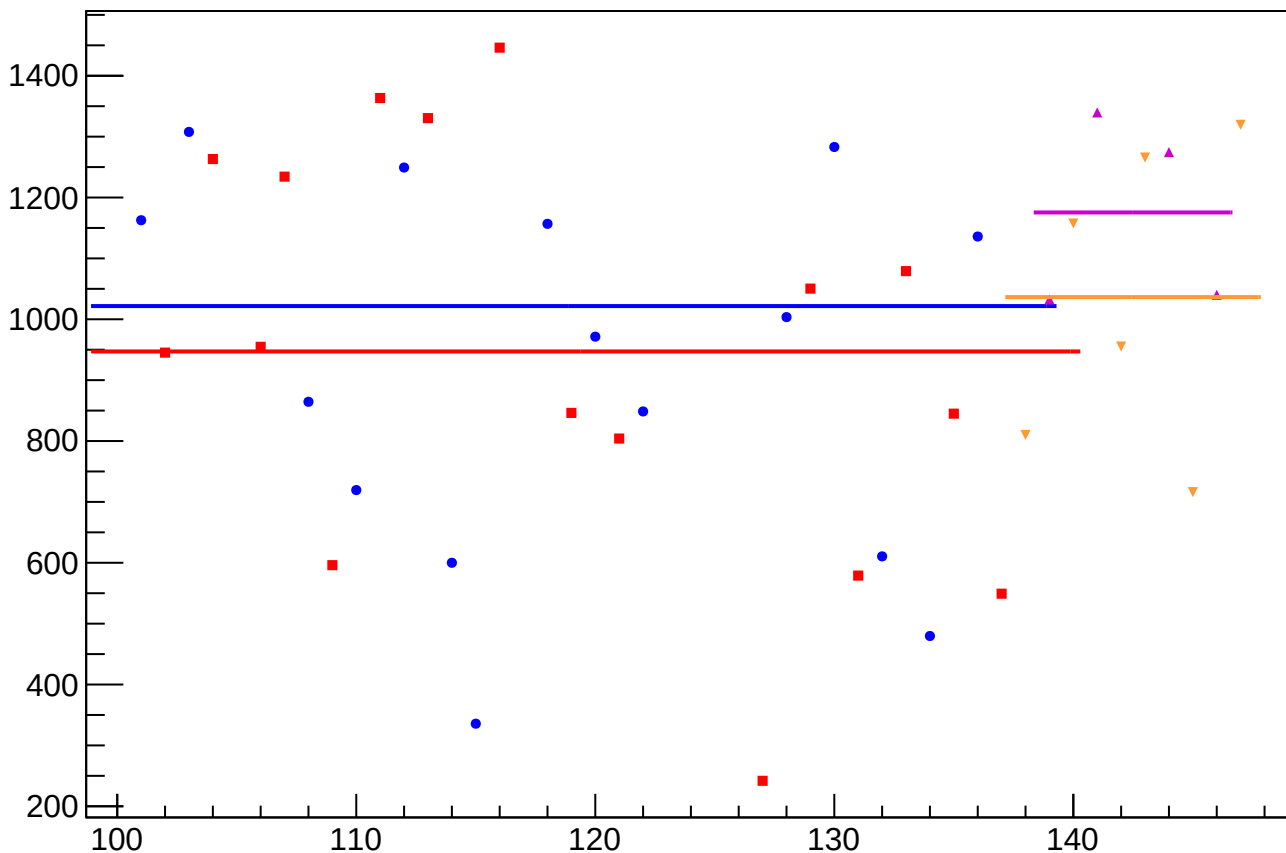
Left In: 856.288+/-0.000 χ^2/NDF : 14730970873388093972325523787169660928.0/3

+ sign 912.911+/-0.000 χ^2/NDF : 295842665165688.0/5

All: 889.228+/-0.000 χ^2/NDF : 527990337390.0/15

- sign 863.754+/-0.000 χ^2/NDF : 230889209924068.0/5

dit_sam3_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

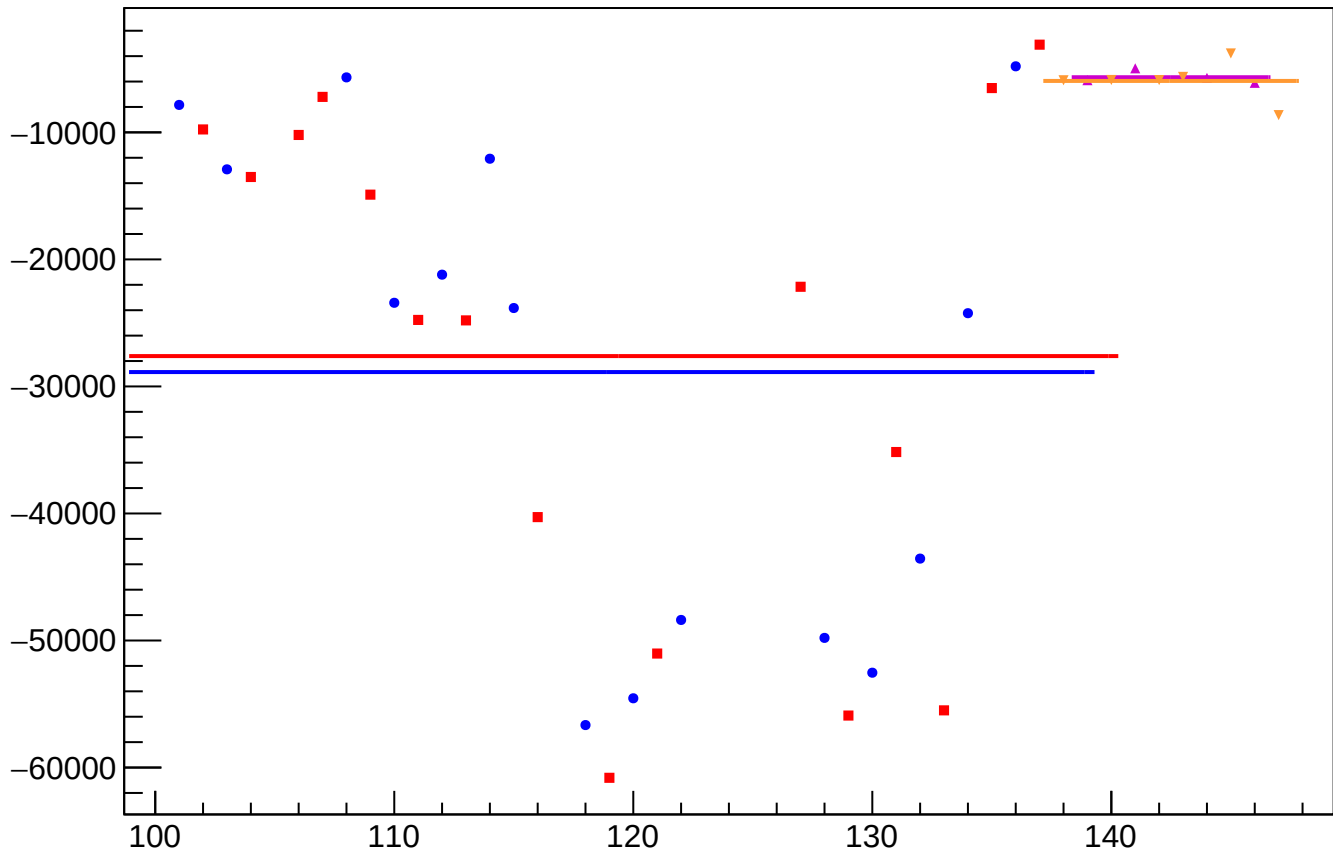
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

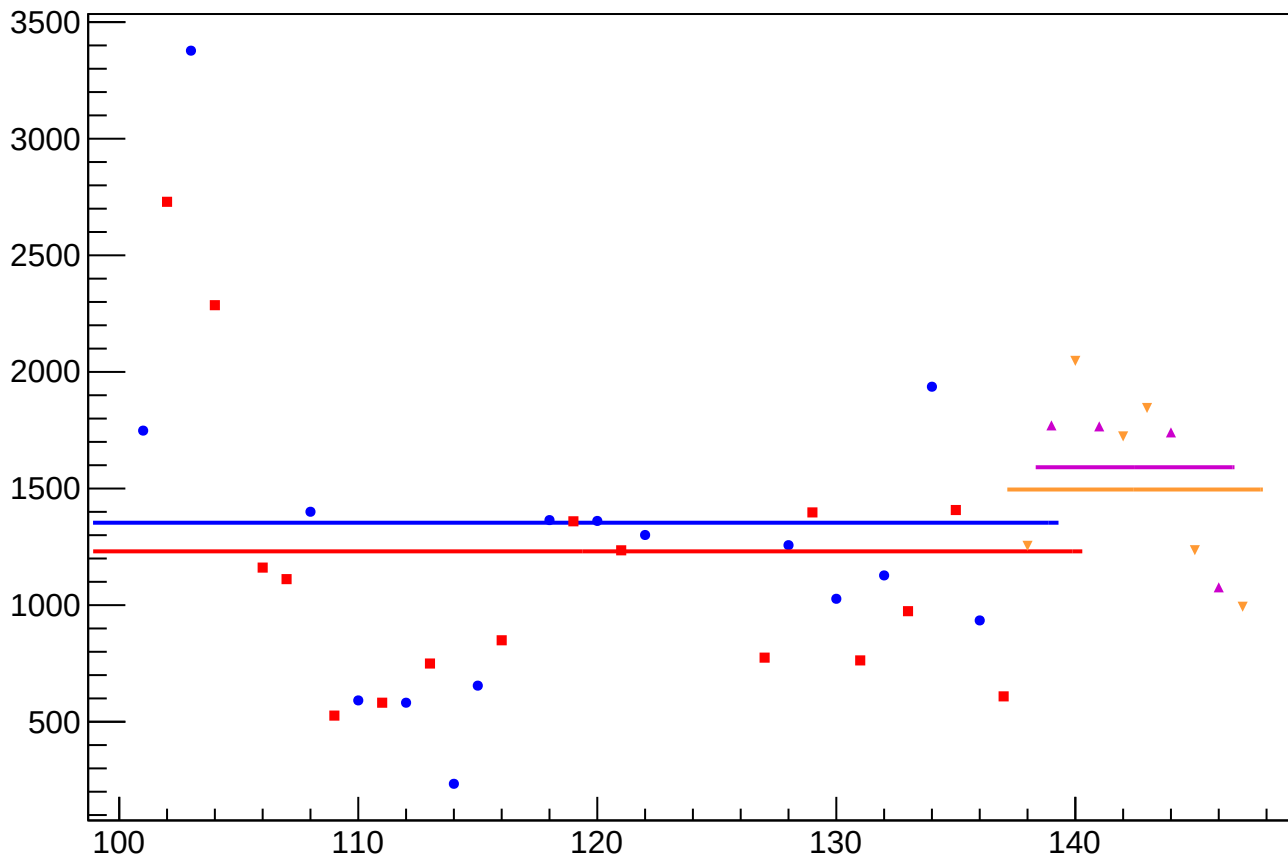
- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

dit_sam4_coil7_mean vs Slug



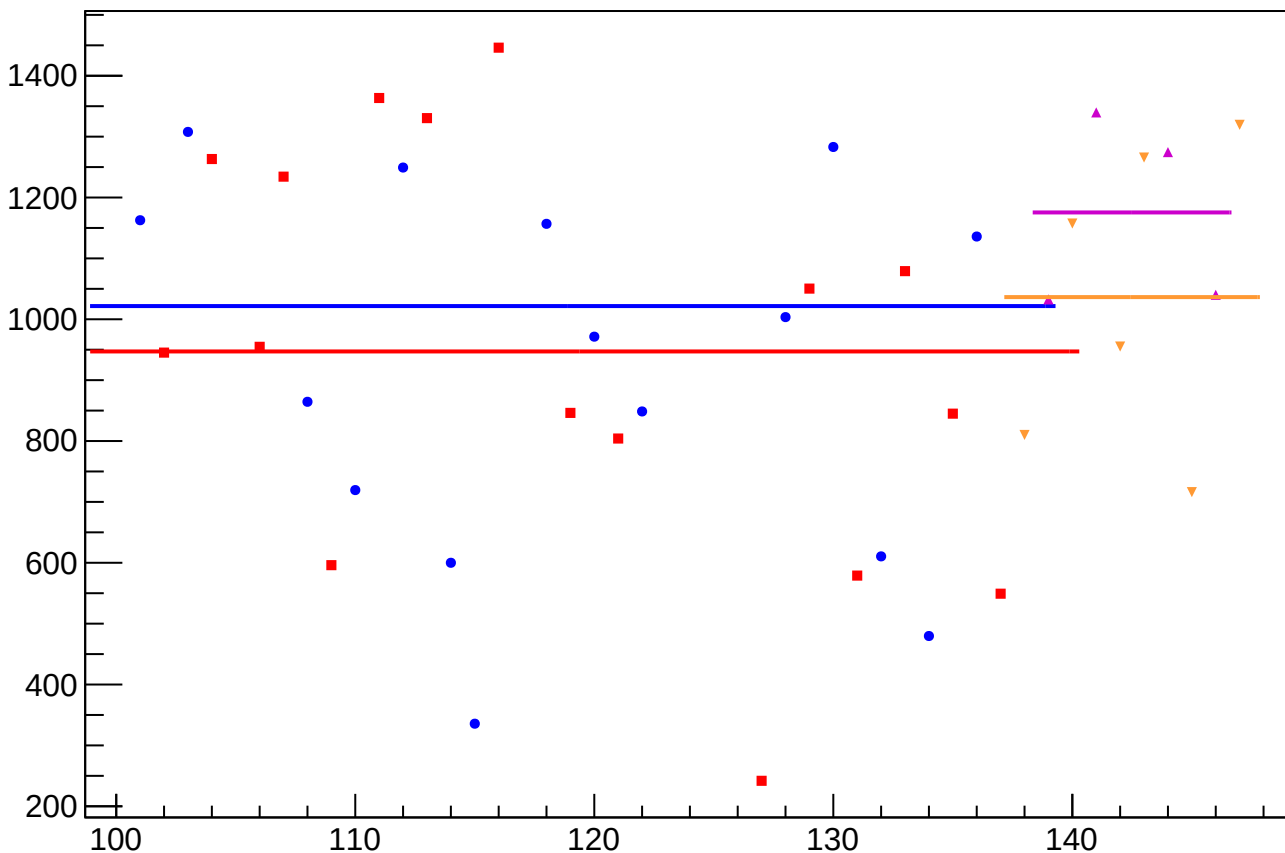
Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -5951.343+/-0.000 χ^2/NDF : 952034471335564366346466122842452787200.0/5
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -5660.468+/-0.000 χ^2/NDF : 62390184050393830833418339680436355072.0/3
 All: -19959.919+/-0.000 χ^2/NDF : 755003081
 + sign -19710.192+/-0.000 χ^2/NDF : 398618987319
 - sign -20228.531+/-0.000 χ^2/NDF : 3562441659039

dit_sam4_coil7_err_mean vs Slug



Right In: 1353.413+/-0.000	χ^2/NDF : 352887966702770713373861839880553758720.0/14	+ sign 1410.324+/-0.000	χ^2/NDF : 42341167251734
Left Out: 1495.823+/-0.000	χ^2/NDF : 65263734989884649744571494715254374400.0/5	All: 1382.192+/-0.000	χ^2/NDF : 76056815597
Right Out: 1230.633+/-0.000	χ^2/NDF : 276989454129150005656872744539903754240.0/15	- sign 1351.932+/-0.000	χ^2/NDF : 33538068041741
Left In: 1591.299+/-0.000	χ^2/NDF : 29211004369929907442196075833745997824.0/3		

dit_sam4_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

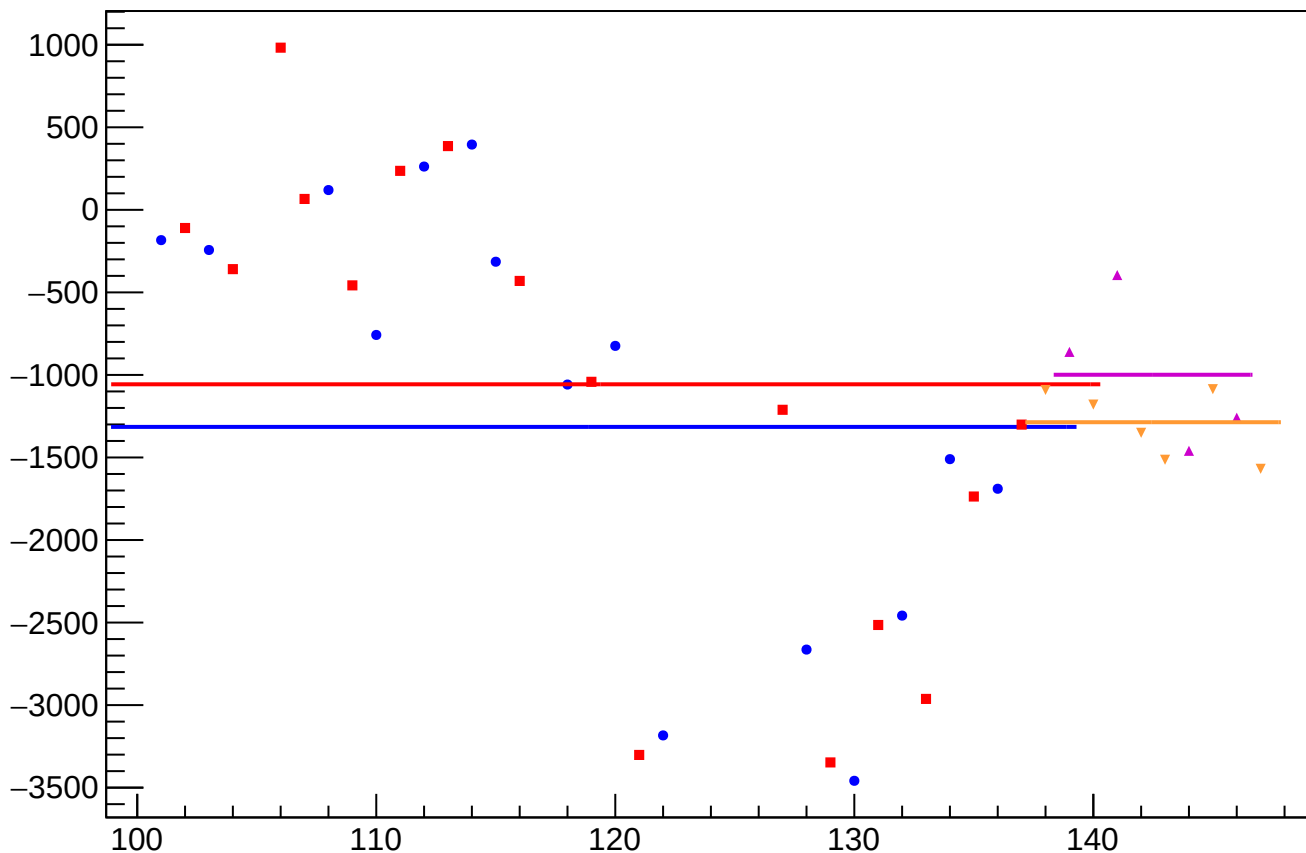
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

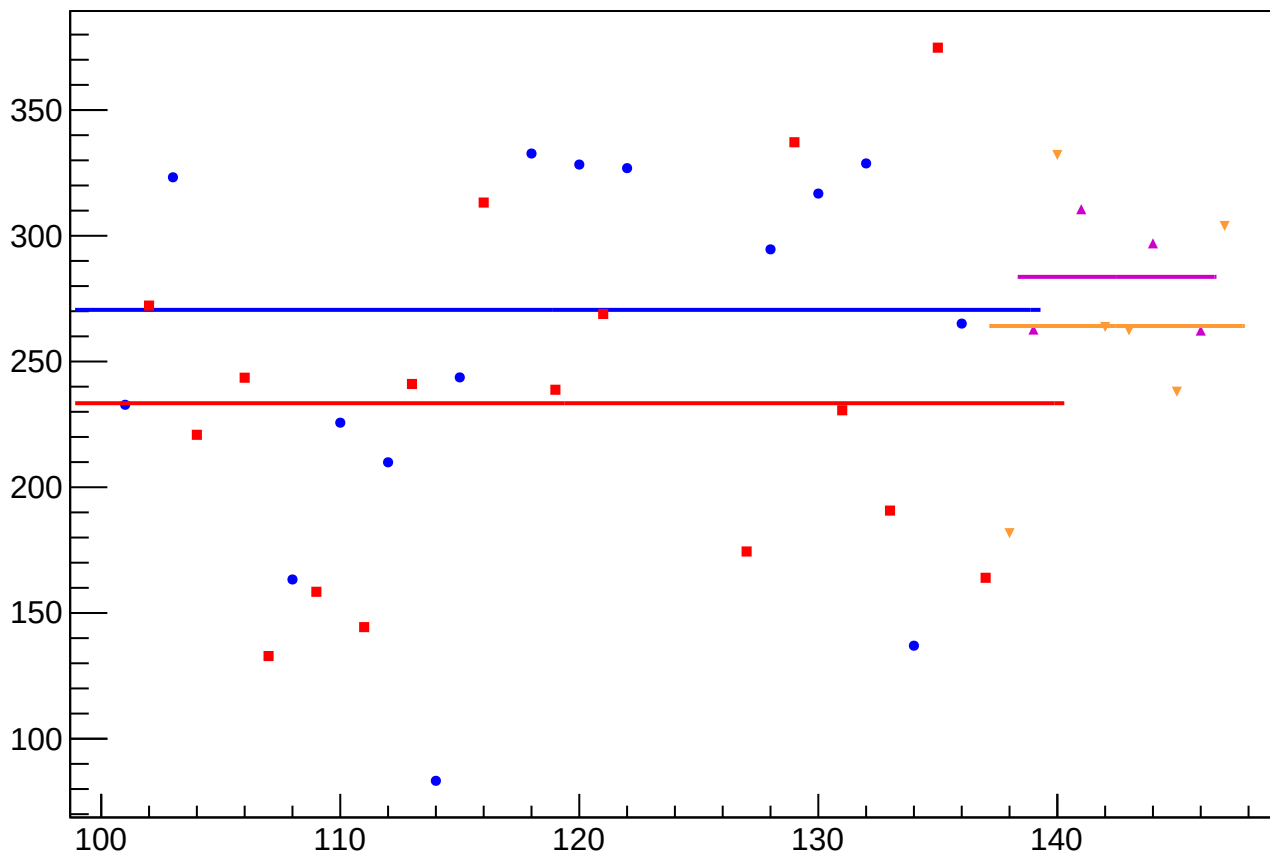
- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

dit_sam5_coil7_mean vs Slug



Right In: -1314.782 ± 0.000 χ^2/NDF : 966082368518203481544021644405645508608.0/14
 Left Out: -1286.420 ± 0.000 χ^2/NDF : 17021192176727606155455829547497291776.0/5
 Right Out: -1056.765 ± 0.000 χ^2/NDF : 1127141594187417021949832477353286041600.0/15
 Left In: -998.984 ± 0.000 χ^2/NDF : 57066818921820816255250581361933680640.0/3

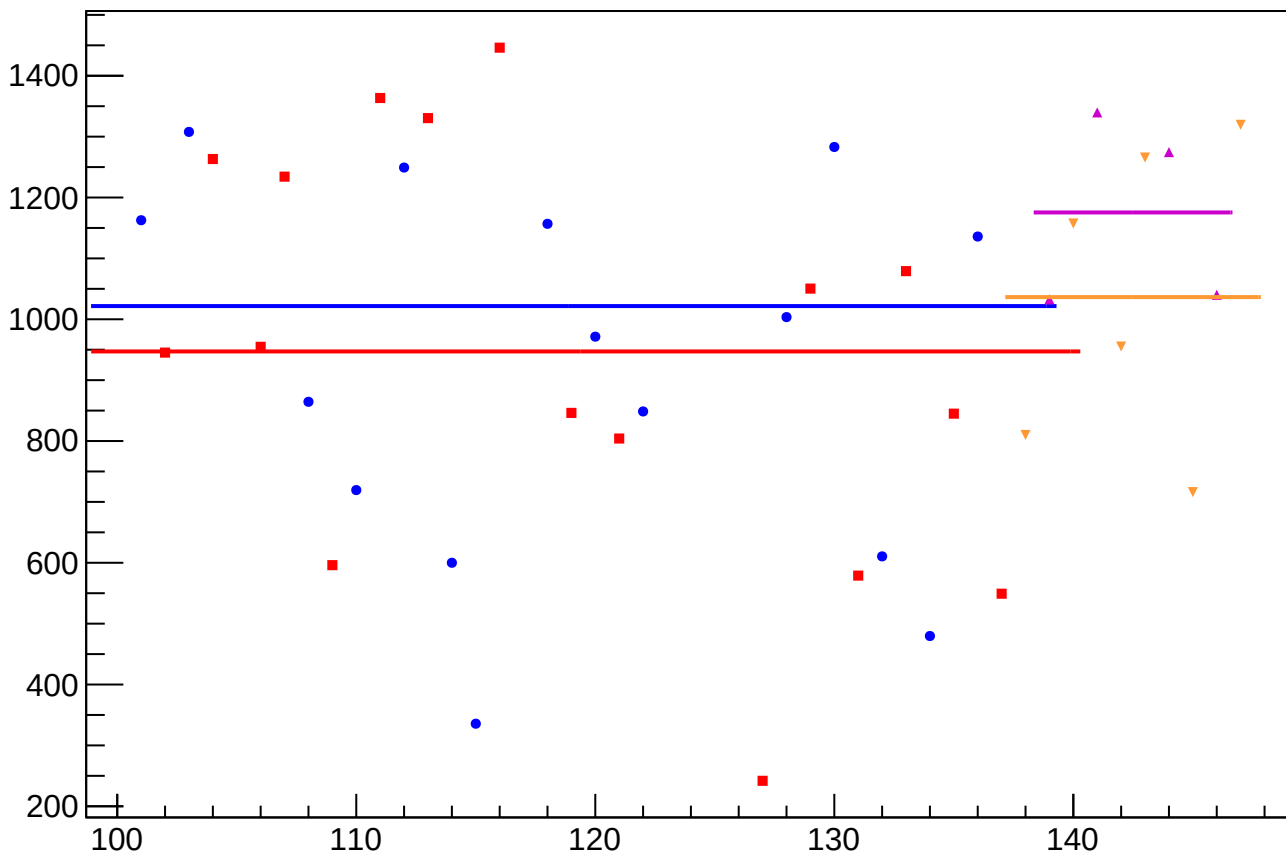
dit_sam5_coil7_err_mean vs Slug



Right In: 270.538+/-0.000	χ^2/NDF : 2473839905347950323907848405170257920.0/14
Left Out: 264.117+/-0.000	χ^2/NDF : 1087666205283329717047350682164658176.0/5
Right Out: 233.421+/-0.000	χ^2/NDF : 3048529087317888615064010247743995904.0/15
Left In: 283.667+/-0.000	χ^2/NDF : 150742127550772835642670873665601536.0/3

+ sign 267.972+/-0.000 χ^2/NDF : 357219830659207
 All: 259.467+/-0.000 χ^2/NDF : 750009998929
 - sign 250.319+/-0.000 χ^2/NDF : 376560899727939

dit_sam5_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

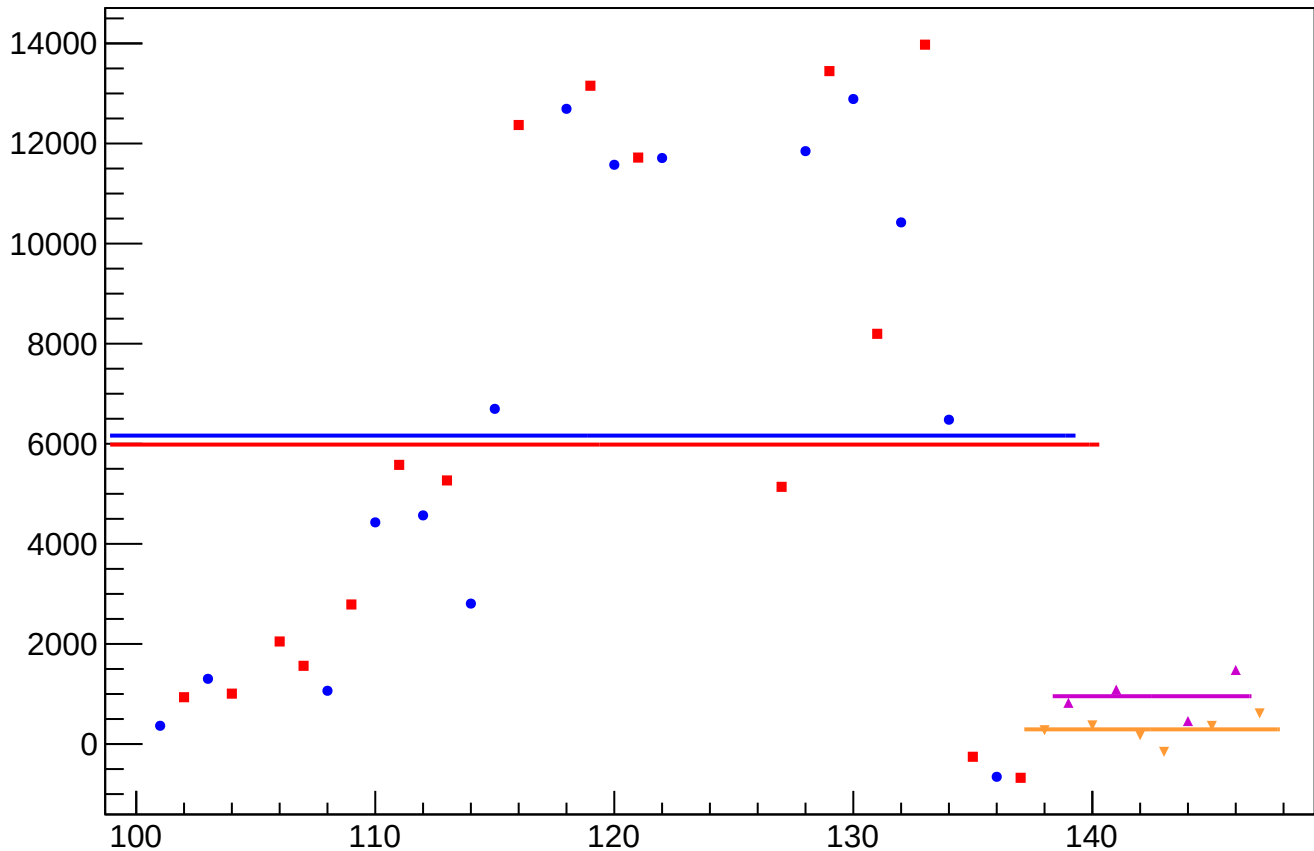
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

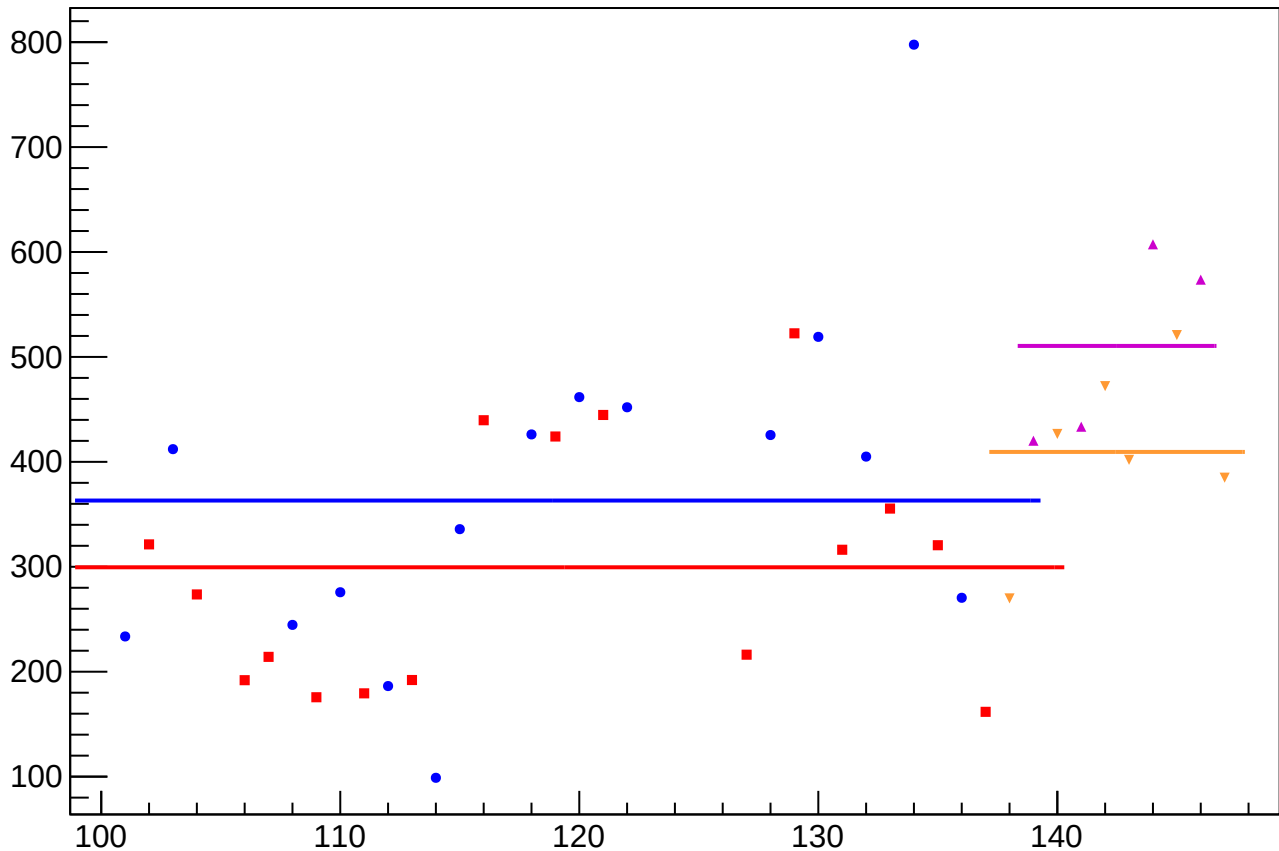
- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

dit_sam6_coil7_mean vs Slug



Right In: 6163.445+/-0.000 χ^2/NDF : 18200622549026770504746300139009854144512.0/14
 Left Out: 293.336+/-0.000 χ^2/NDF : 23031721299872942798428365260823986176.0/5
 Right Out: 5983.876+/-0.000 χ^2/NDF : 17505201913276273559161088764155841740800.0/15
 Left In: 955.655+/-0.000 χ^2/NDF : 47637438751729433227216319074952806400.0/3

dit_sam6_coil7_err_mean vs Slug



Right In: 363.133+/-0.000 χ^2/NDF : 11502791697076456426435998277995331584.0/14

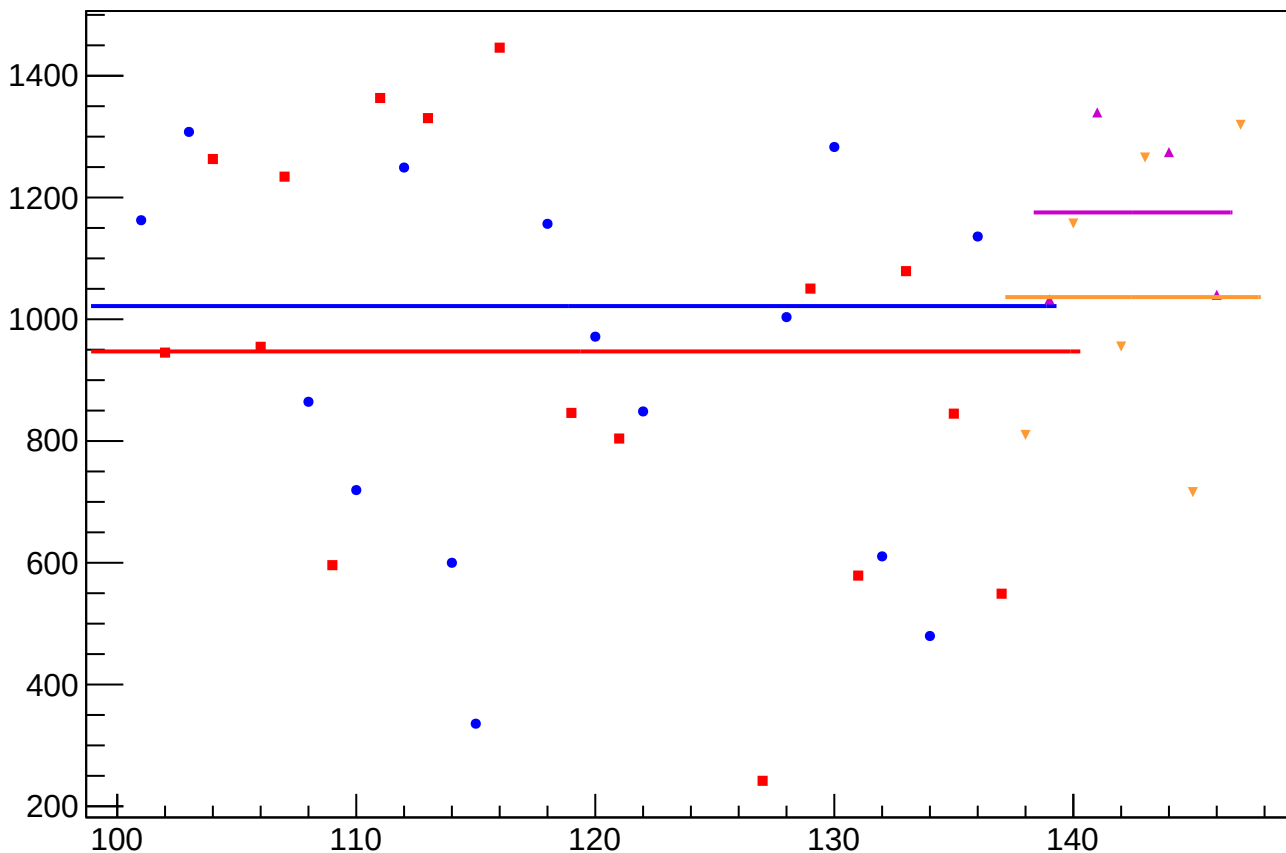
Left Out: 409.467+/-0.000 χ^2/NDF : 2780257505697221212817767841679802368.0/5

Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

Left In: 510.493+/-0.000 χ^2/NDF : 2330637792707772049708671884339445760.0/3

All: 376.263+/-0.000 χ^2/NDF : 34906134888.0/14

dit_sam6_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

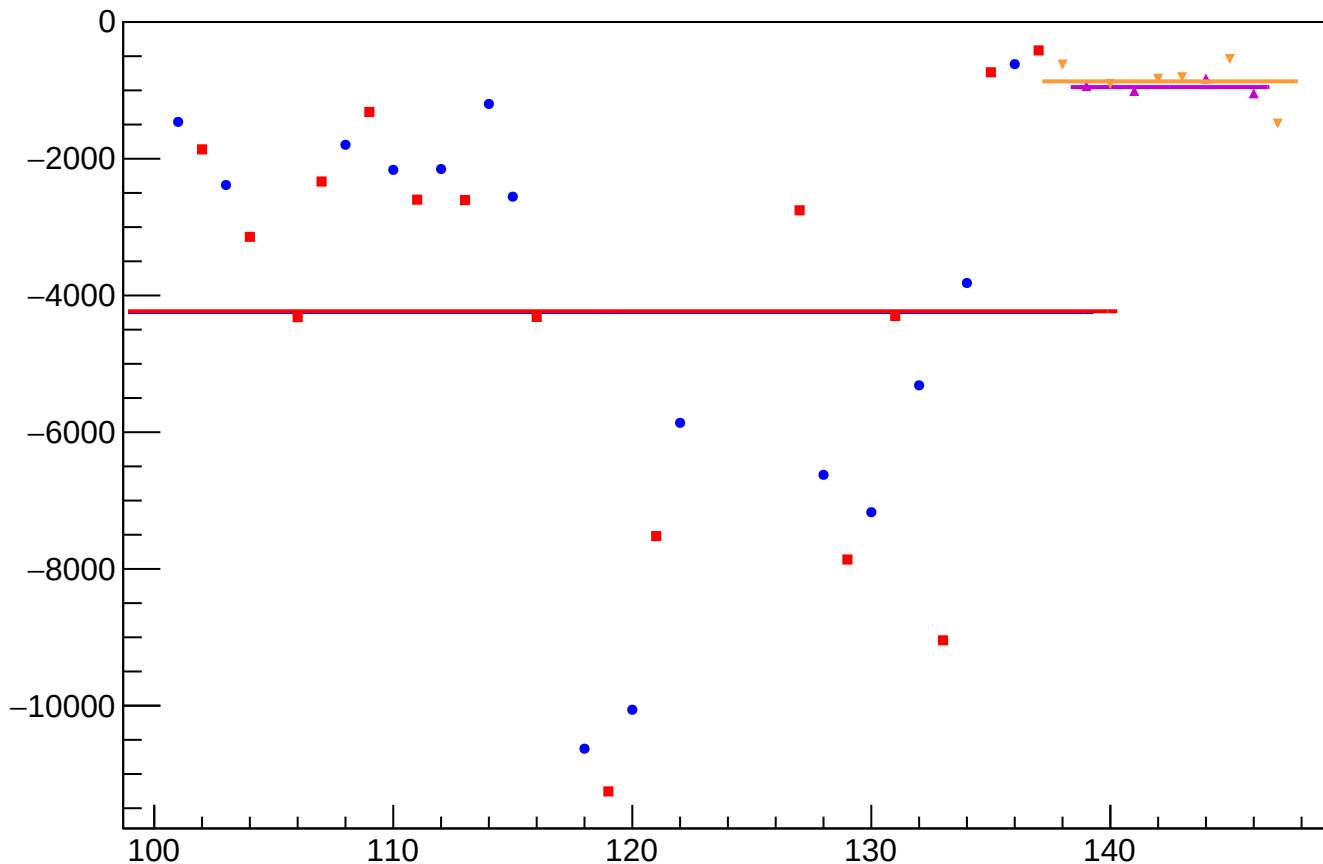
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

dit_sam7_coil7_mean vs Slug



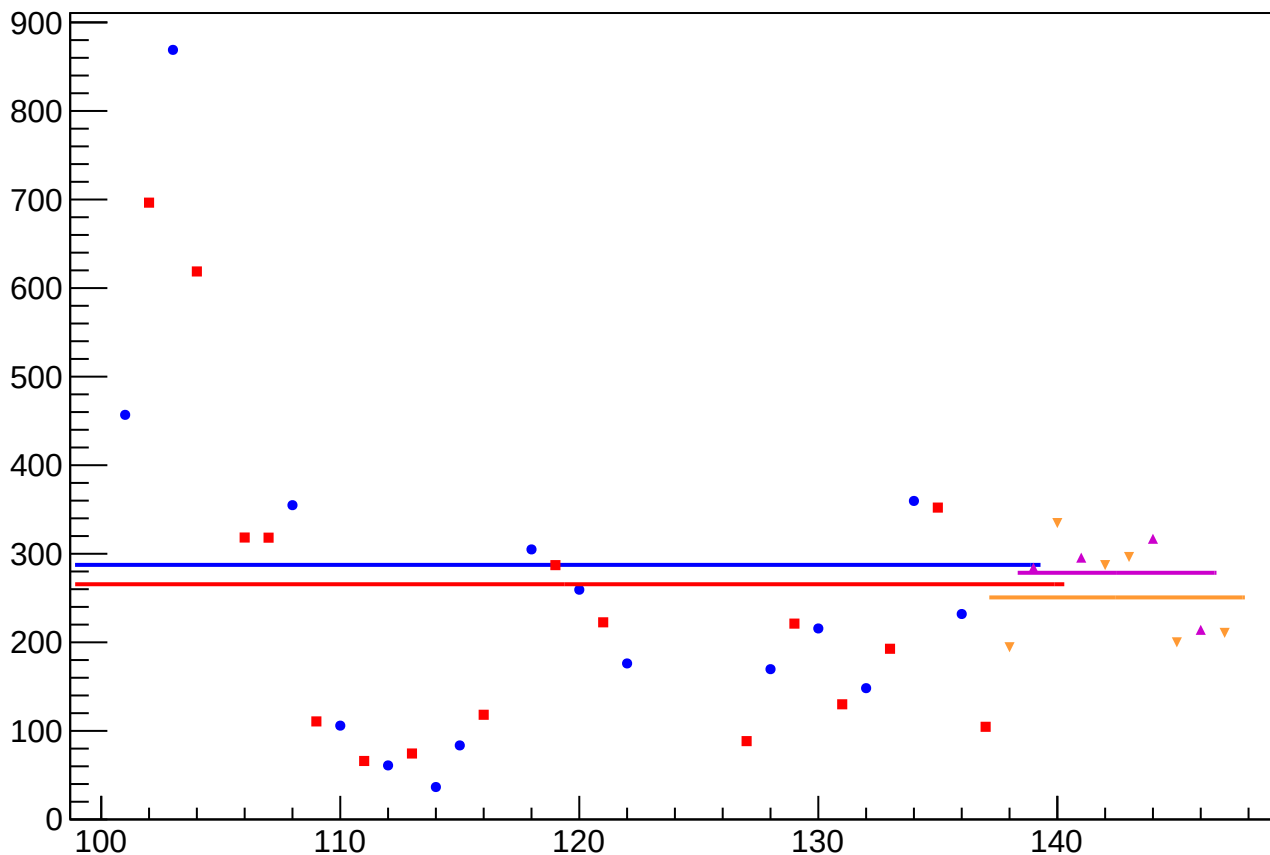
Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14

Left Out: -867.897+/-0.000 χ^2/NDF : 43424148633166431339337905875441418240.0/5

Right Out: -4230.978+/-0.000 χ^2/NDF : 6682409528103016752204343573740930465792.0/15

Left In: -951.537+/-0.000 χ^2/NDF : 2400196347639948714963754267340439552.0/3

dit_sam7_coil7_err_mean vs Slug



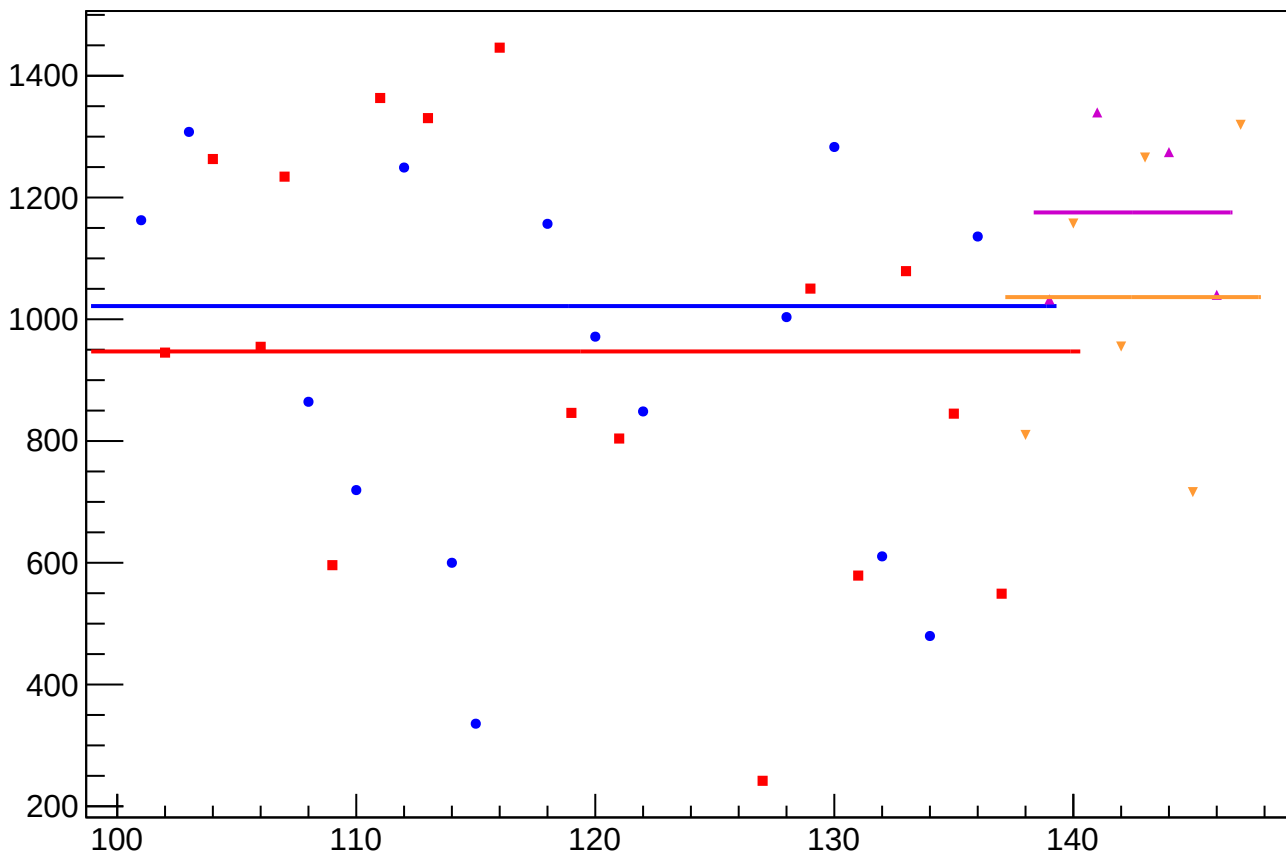
Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

Left Out: 250.710+/-0.000 χ^2/NDF : 1359300647522779163440459334459326464.0/5

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

Left In: 278.524+/-0.000 χ^2/NDF : 503139892146276636897339765493334016.0/3

dit_sam7_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

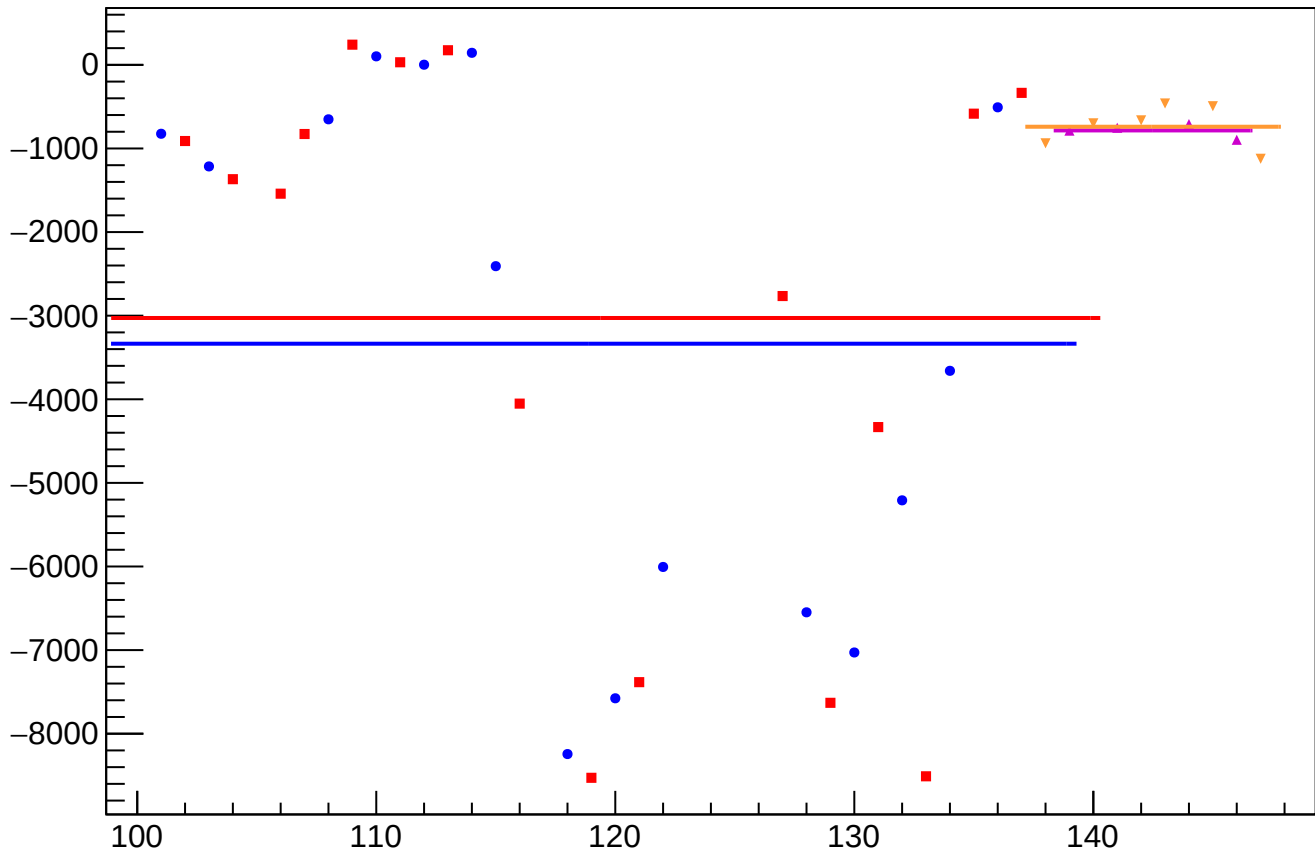
Left In: 1175.482+/-0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1025.822+/-0.000 χ^2/NDF : 14995935619

- sign 1023.939+/-0.000 χ^2/NDF : 85819539118077

dit_sam8_coil7_mean vs Slug



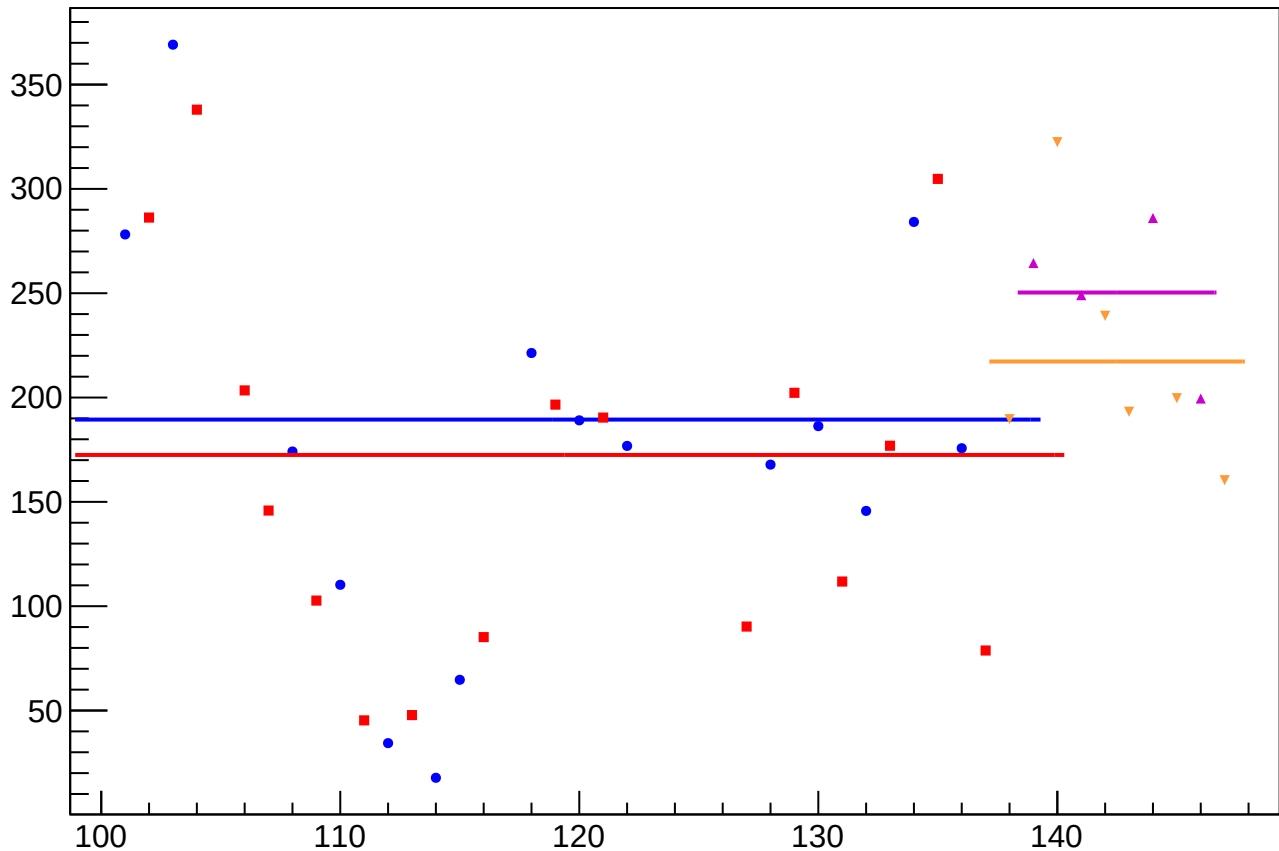
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14

Left Out: -739.975+/-0.000 χ^2/NDF : 24980634831663245906969530421055848448.0/5

Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15

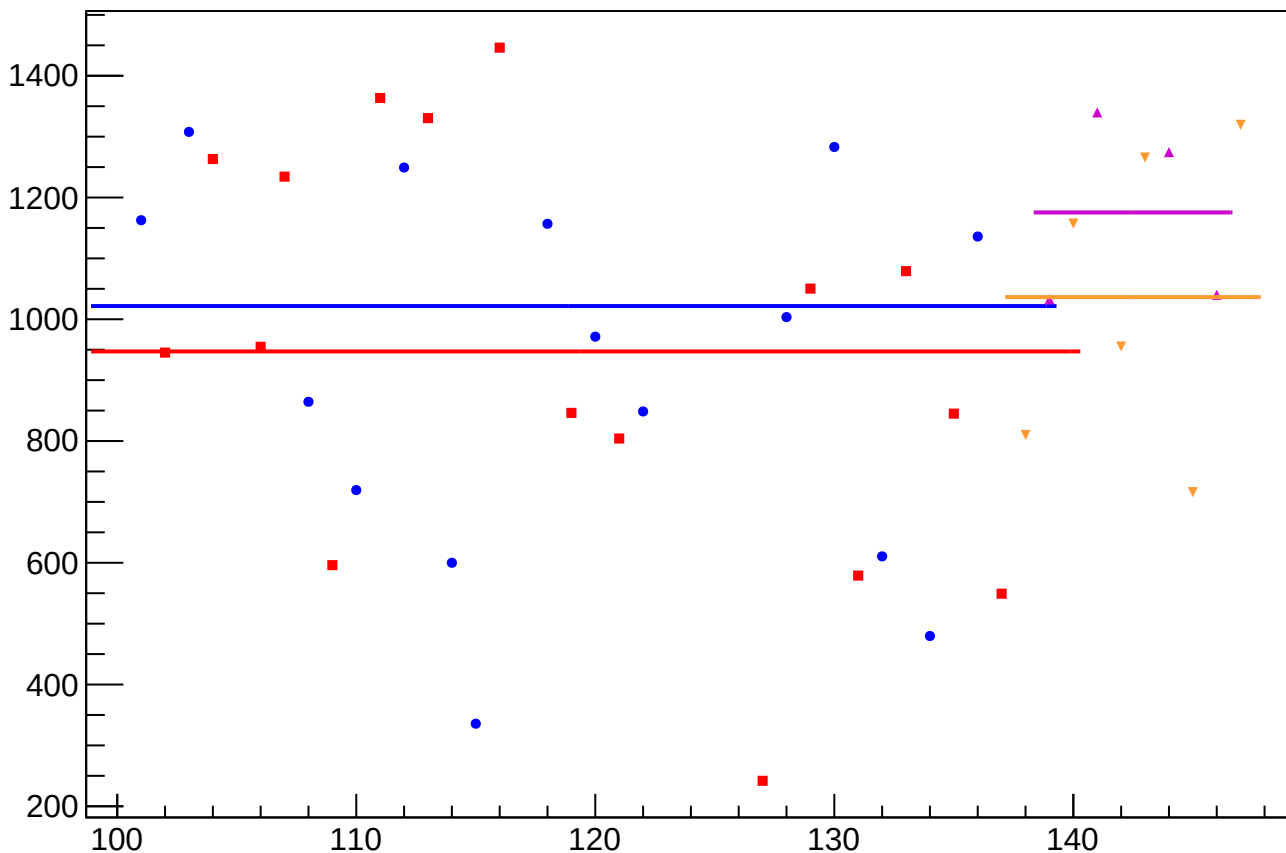
Left In: -784.158+/-0.000 χ^2/NDF : 1640828755474798480453565068588613632.0/3

dit_sam8_coil7_err_mean vs Slug



Right In: 189.442+/-0.000 χ^2/NDF : 4707234253929700721726064108794544128.0/14
 Left Out: 217.273+/-0.000 χ^2/NDF : 1304641989611327332086727646484889600.0/5
 Right Out: 172.485+/-0.000 χ^2/NDF : 5594813408996728261938711470404534272.0/15
 Left In: 250.336+/-0.000 χ^2/NDF : 344159073829649073652480254423334912.0/3

dit_sam8_coil7_Ndata_mean vs Slug



Right In: 1021.684 +/- 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14

Left Out: 1036.417 +/- 0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5

Right Out: 947.145 +/- 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15

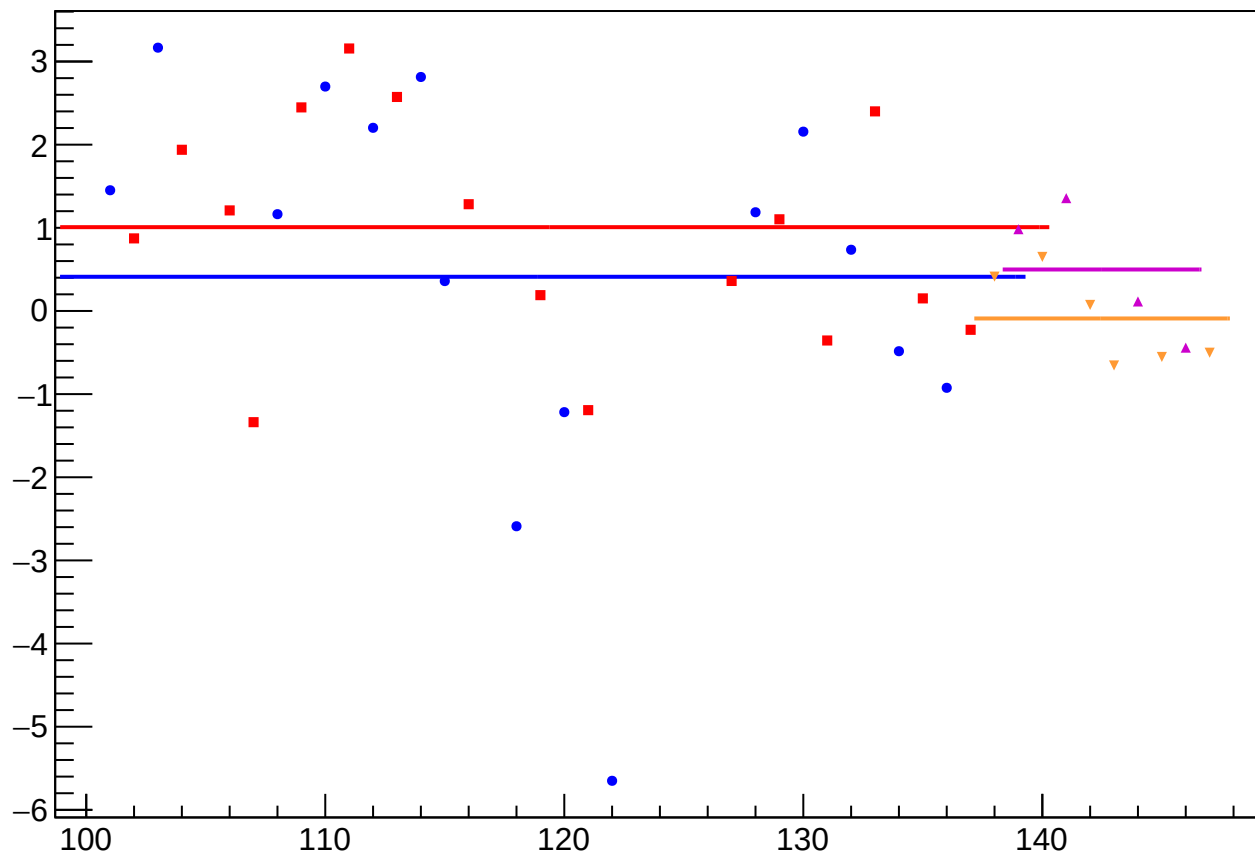
Left In: 1175.482 +/- 0.000 χ^2/NDF : 6339125095672906969903105133619707904.0/3

+ sign 1027.572 +/- 0.000 χ^2/NDF : 64132945409648

All: 1025.822 +/- 0.000 χ^2/NDF : 14995935619

- sign 1023.939 +/- 0.000 χ^2/NDF : 85819539118077

dit_4aX_coil4_mean vs Slug



Right In: 0.411+/-0.000 χ^2/NDF : 3385573506255563170053089820409856.0/14

Left Out: -0.090+/-0.000 χ^2/NDF : 117886906649157628420764039380992.0/5

Right Out: 1.008+/-0.000 χ^2/NDF : 1128402228144096394498047410700288.0/15

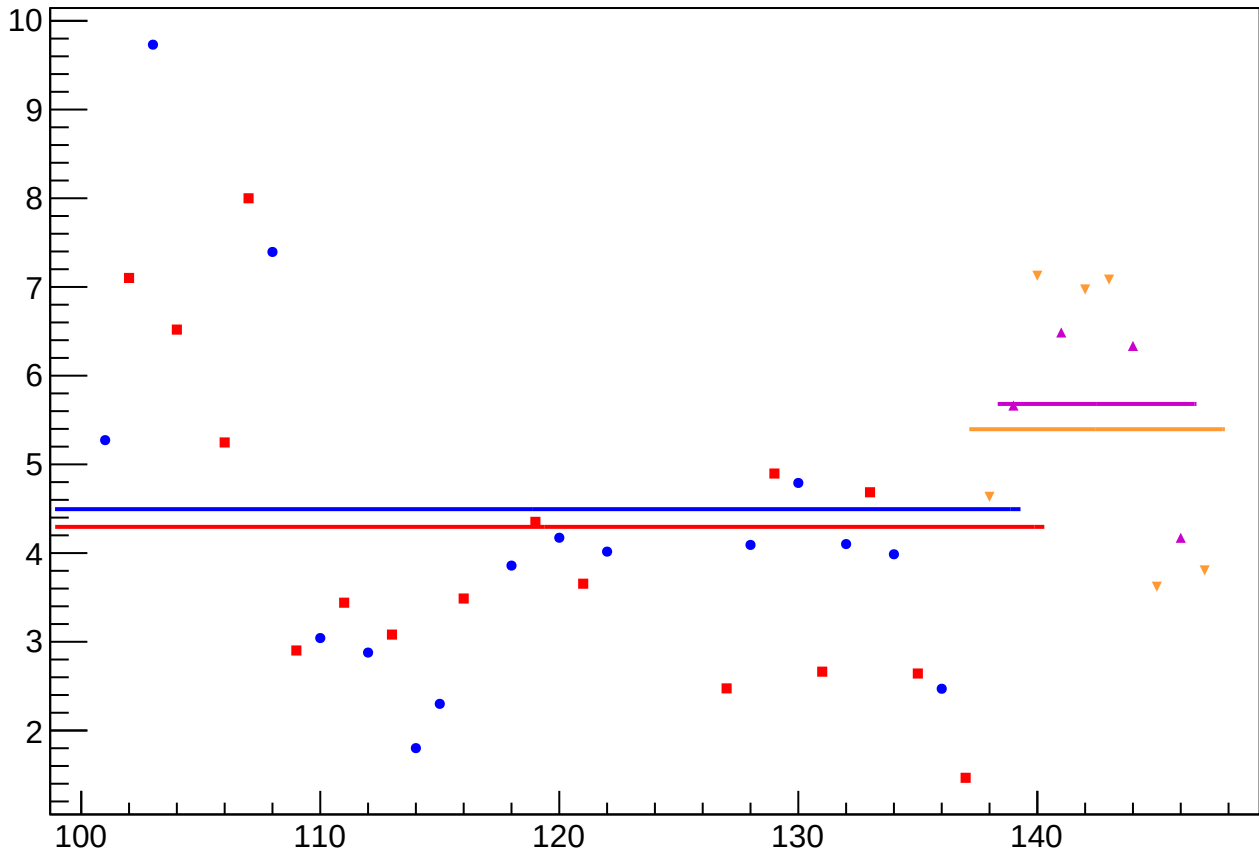
Left In: 0.499+/-0.000 χ^2/NDF : 168087272337749664914252054396928.0/3

+ sign 0.211+/-0.000 χ^2/NDF : 35686871816153643

All: 0.512+/-0.000 χ^2/NDF : 51272961675802

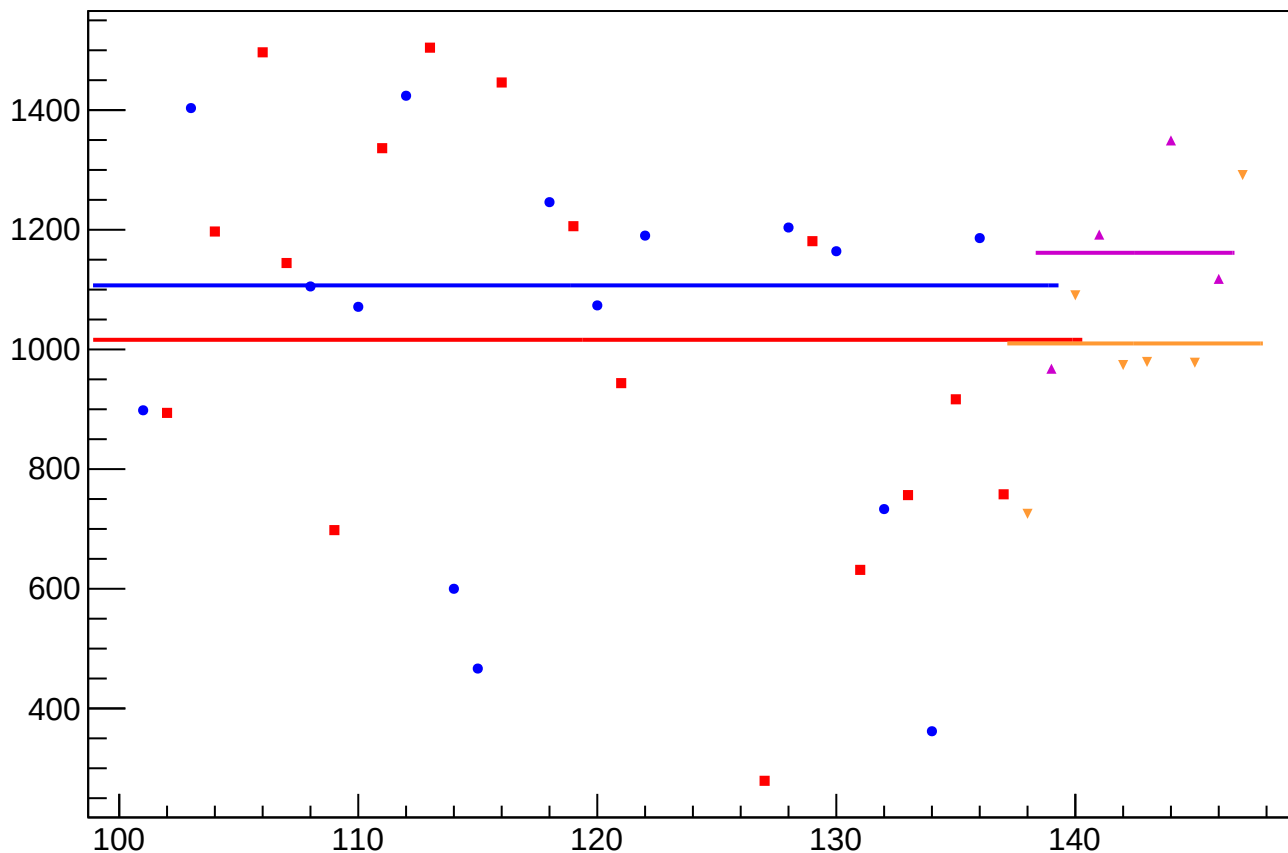
- sign 0.837+/-0.000 χ^2/NDF : 13546276500420870

dit_4aX_coil4_err_mean vs Slug



Right In: 4.495+/-0.000	χ^2/NDF : 2742240072441097531500728791597056.0/14
Left Out: 5.396+/-0.000	χ^2/NDF : 1048560096602643720332017032757248.0/5
Right Out: 4.296+/-0.000	χ^2/NDF : 2011925707062051890381007475441664.0/15
Left In: 5.681+/-0.000	χ^2/NDF : 282270633120519636724078388183040.0/3
+ sign 4.855+/-0.000 χ^2/NDF : 40014170397111501 All: 4.810+/-0.000 χ^2/NDF : 67309417415548 - sign 4.762+/-0.000 χ^2/NDF : 27249544286274244	

dit_4aX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

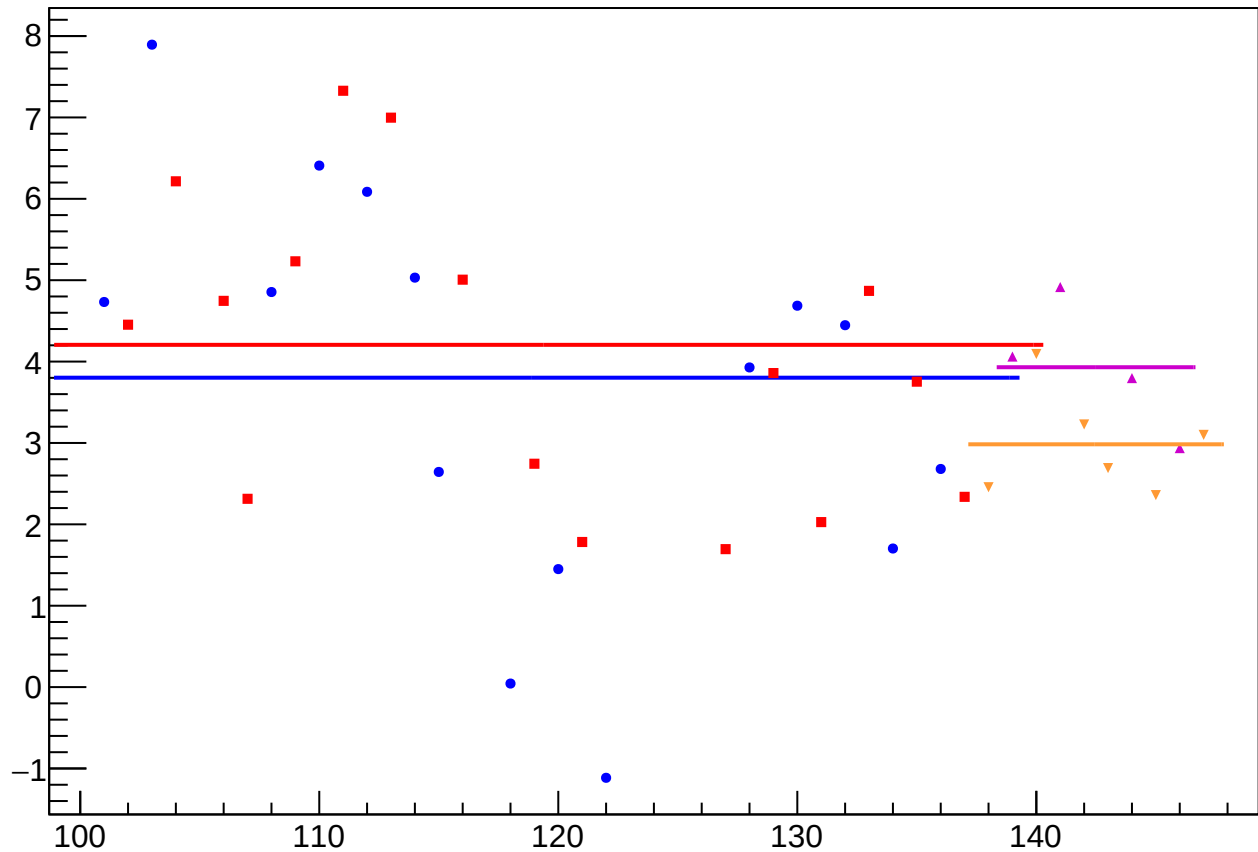
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1068.265+/-0.000 χ^2/NDF : 56315523589353

All: 1066.698+/-0.000 χ^2/NDF : 14004700168

- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

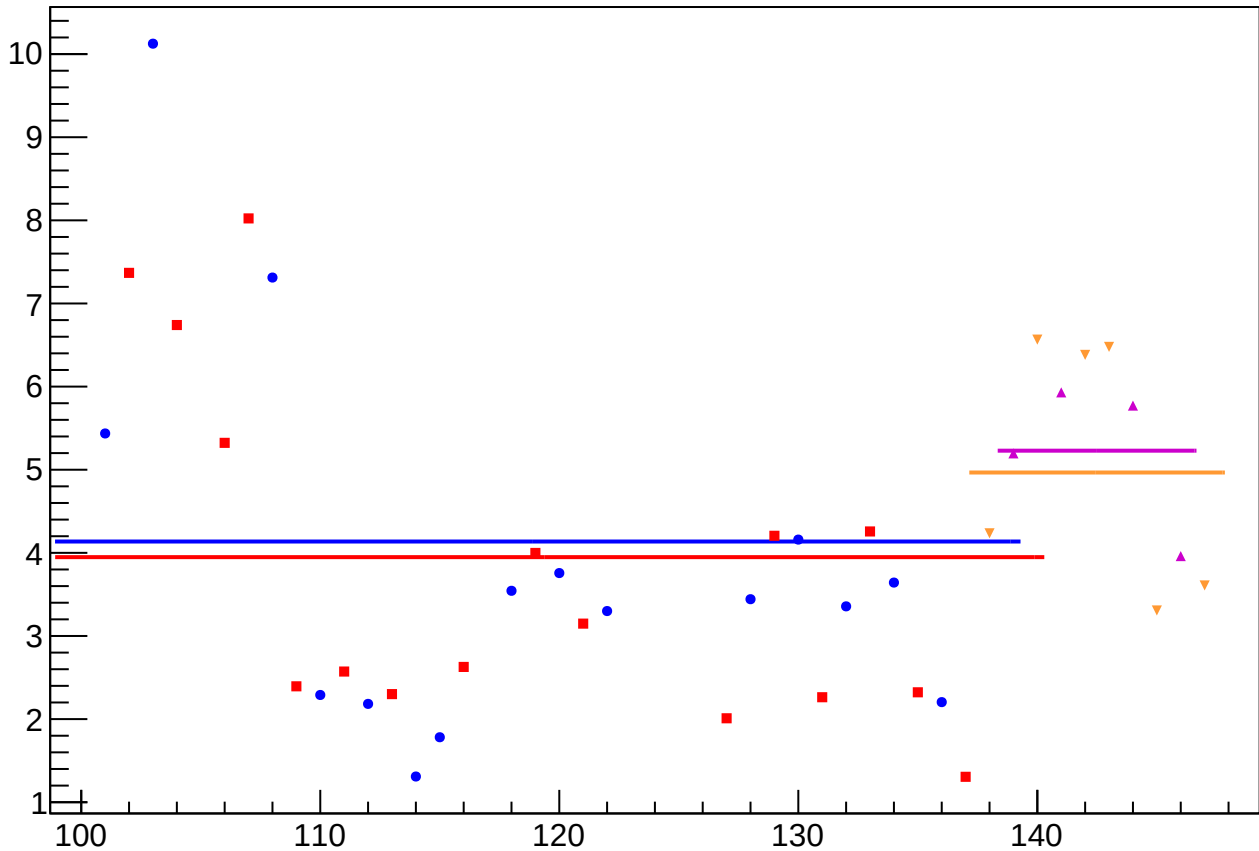
dit_4eX_coil4_mean vs Slug



Right In: 3.802+/-0.000	χ^2/NDF : 3795476074398338930564700657680384.0/14
Left Out: 2.983+/-0.000	χ^2/NDF : 163790040529078871730365623435264.0/5
Right Out: 4.206+/-0.000	χ^2/NDF : 2096427813341454573332265183477760.0/15
Left In: 3.931+/-0.000	χ^2/NDF : 167532368117875606530792462745600.0/3

+ sign 3.475+/-0.000 χ^2/NDF : 41330301451443480
 All: 3.782+/-0.000 χ^2/NDF : 66261665610937
 - sign 4.113+/-0.000 χ^2/NDF : 22809393822192276

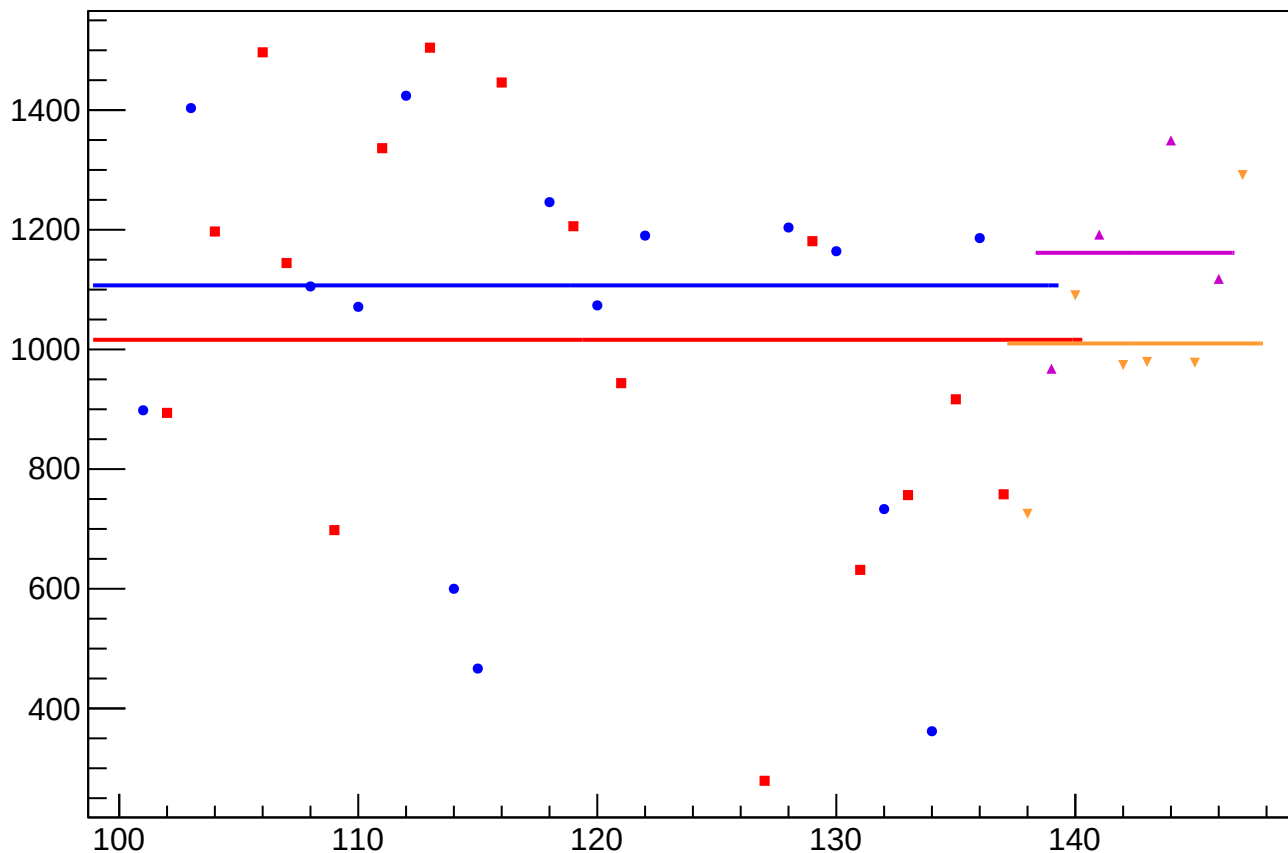
dit_4eX_coil4_err_mean vs Slug



Right In: 4.136+/-0.000	χ^2/NDF : 3507600624388663919898505496231936.0/14
Left Out: 4.967+/-0.000	χ^2/NDF : 863512015594397307073654689890304.0/5
Right Out: 3.948+/-0.000	χ^2/NDF : 2670176783942302028345551100051456.0/15
Left In: 5.229+/-0.000	χ^2/NDF : 201581634450180131369878906994688.0/3

+ sign 4.468+/-0.000 χ^2/NDF : 45498482562794268
 All: 4.425+/-0.000 χ^2/NDF : 7793684129088
 - sign 4.379+/-0.000 χ^2/NDF : 32397093133502778

dit_4eX_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

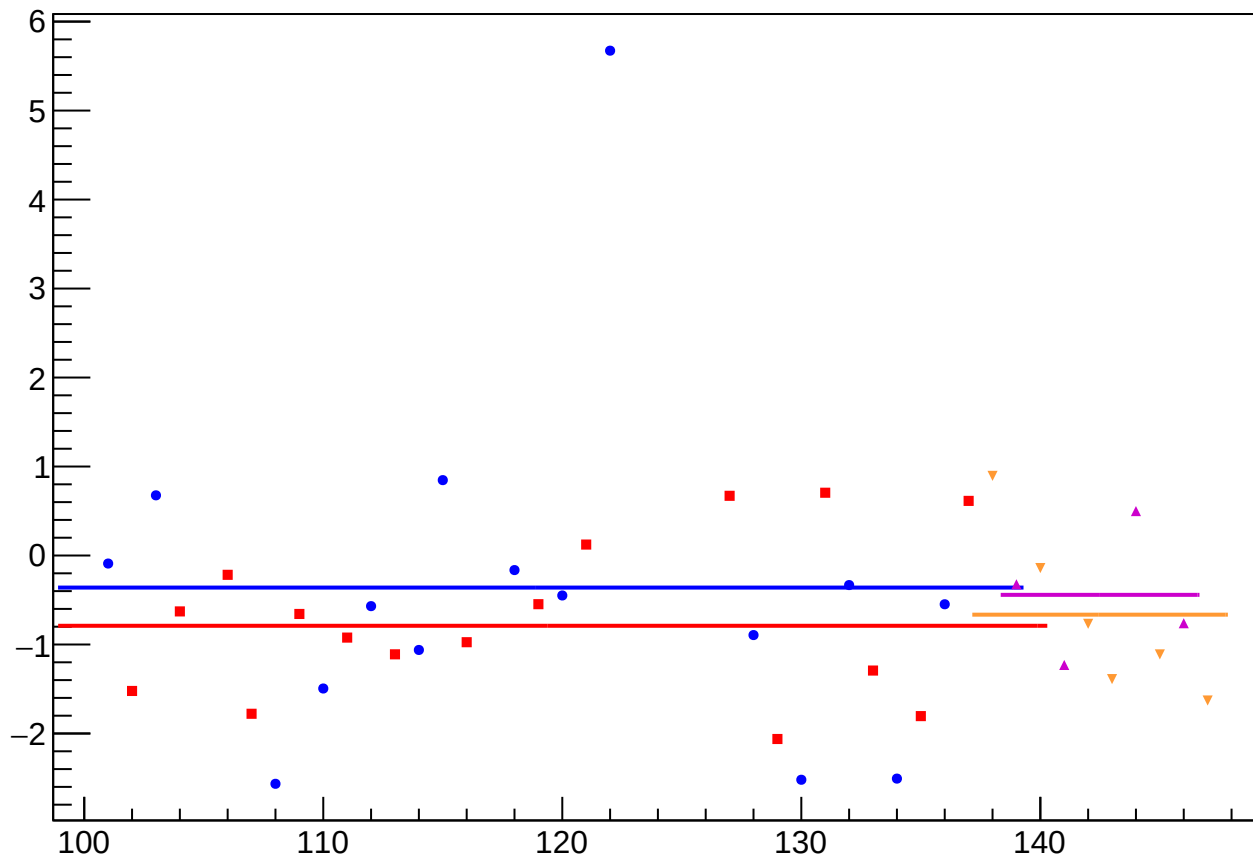
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1068.265+/-0.000 χ^2/NDF : 56315523589353

All: 1066.698+/-0.000 χ^2/NDF : 14004700168

- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

dit_11X12X_coil4_mean vs Slug



Right In: -0.360+/-0.000 χ^2/NDF : 2180256348790896849346212178952192.0/14

Left Out: -0.665+/-0.000 χ^2/NDF : 336578700593412539386087235125248.0/5

Right Out: -0.790+/-0.000 χ^2/NDF : 463078369073343959803422903894016.0/15

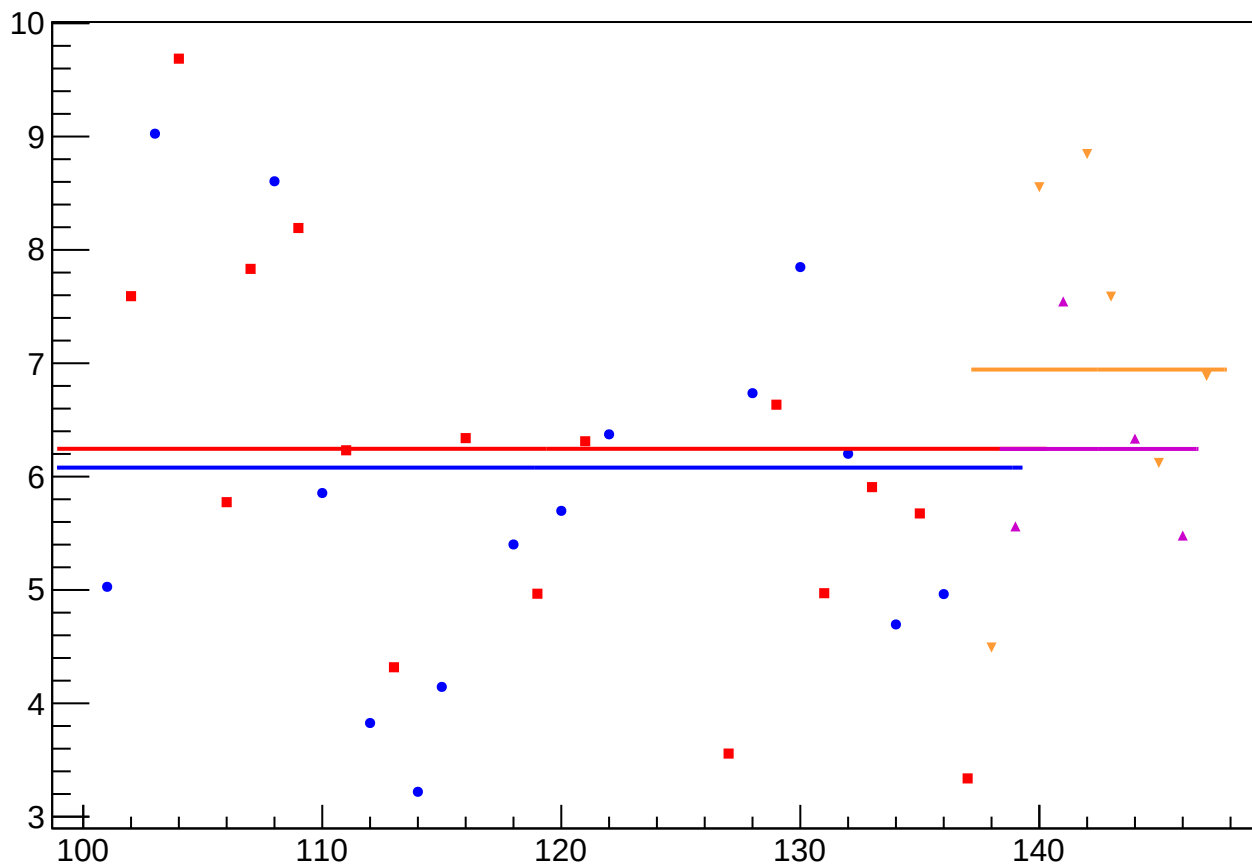
Left In: -0.442+/-0.000 χ^2/NDF : 141182825841350857293866563796992.0/3

+ sign -0.482+/-0.000 χ^2/NDF : 2540881710088561

All: -0.574+/-0.000 χ^2/NDF : 3191196229274

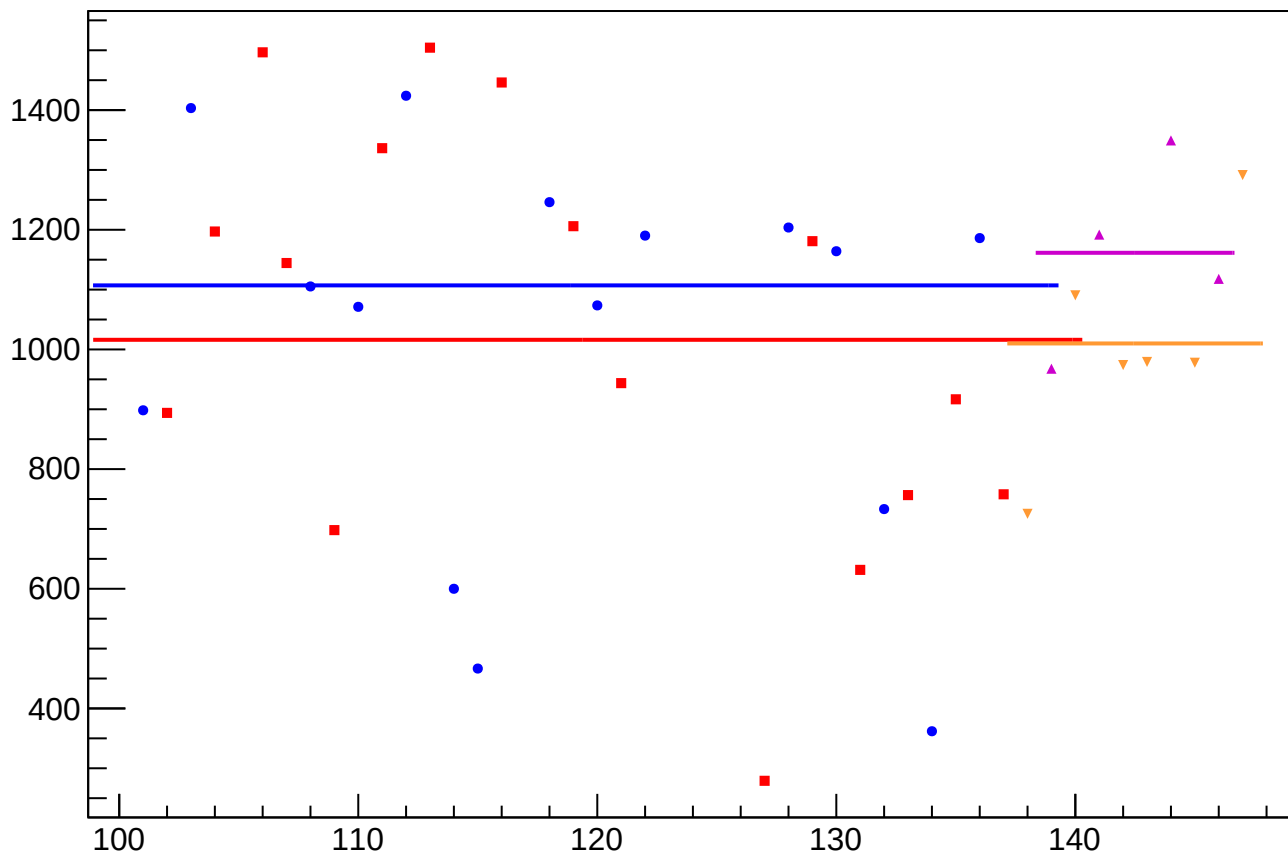
- sign -0.673+/-0.000 χ^2/NDF : 63135829288365512

dit_11X12X_coil4_err_mean vs Slug



Right In: 6.079 $\pm$ 0.000 χ^2/NDF : 1590295171022705157509900448825344.0/14
 Left Out: 6.944 $\pm$ 0.000 χ^2/NDF : 930300566663596517334017994915840.0/5
 Right Out: 6.245 $\pm$ 0.000 χ^2/NDF : 1816529163105006938510976985595904.0/15
 Left In: 6.244 $\pm$ 0.000 χ^2/NDF : 230890425777837246693406677139456.0/3

dit_11X12X_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

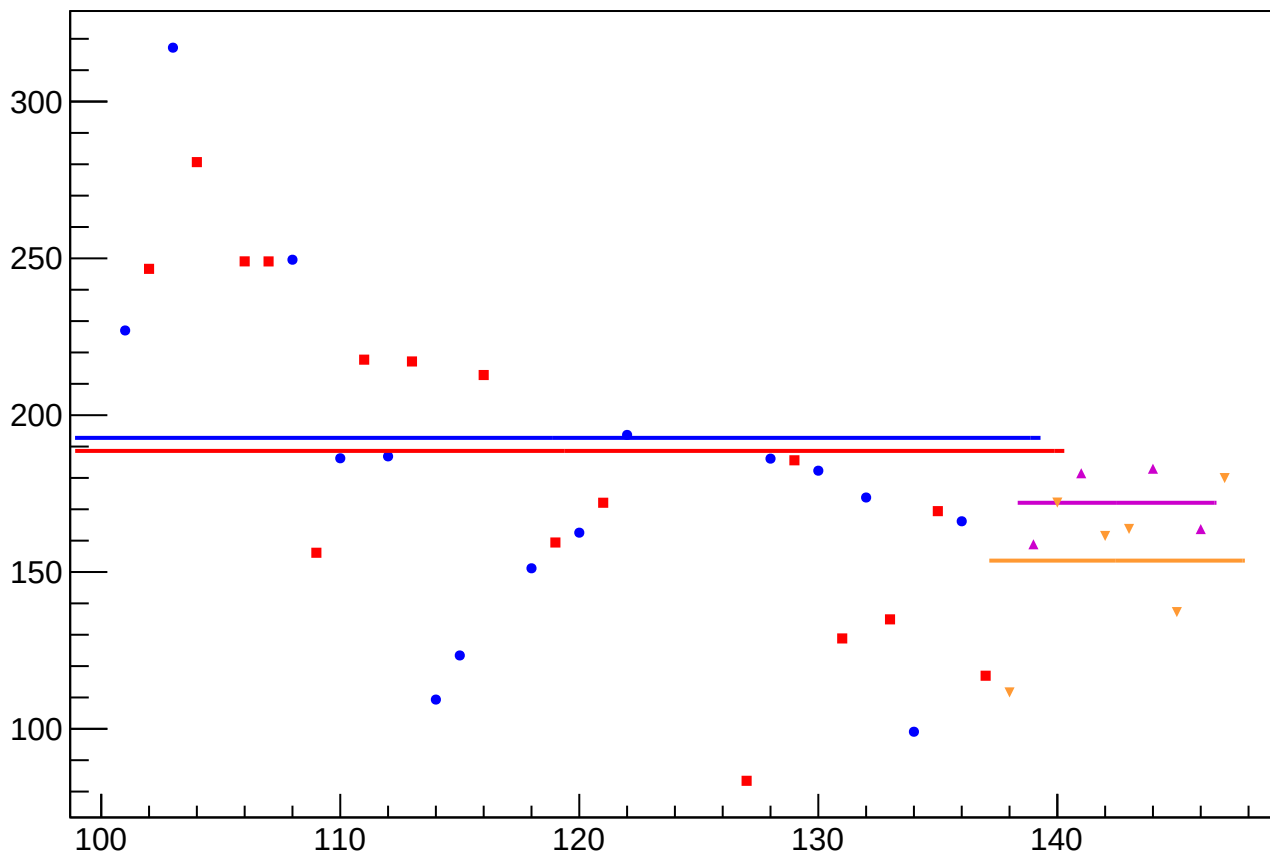
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1068.265+/-0.000 χ^2/NDF : 56315523589353

All: 1066.698+/-0.000 χ^2/NDF : 14004700168

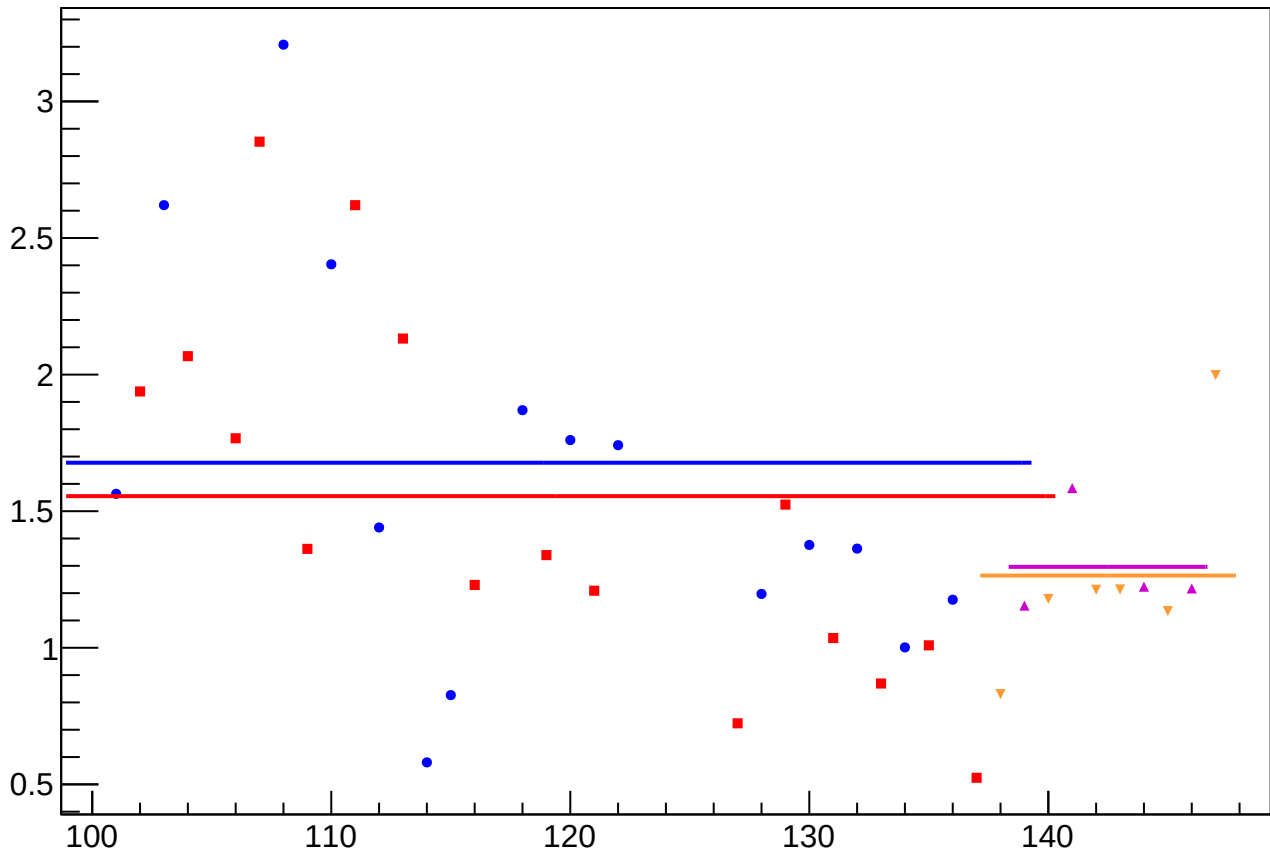
- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

dit_4aY_coil4_mean vs Slug



Right In: 192.771 $\pm$ 0.000	χ^2/NDF : 1640576279746948433391816936236515328.0/14
Left Out: 153.637 $\pm$ 0.000	χ^2/NDF : 251346320881896929773332916902821888.0/5
Right Out: 188.612 $\pm$ 0.000	χ^2/NDF : 1922342257287674563344204730019610624.0/15
Left In: 172.074 $\pm$ 0.000	χ^2/NDF : 38047246366530308138209104835379200.0/3

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677 $\pm$ 0.000 χ^2 /NDF: 241879924044788593292791559225344.0/14

Left Out: 1.264 $\pm$ 0.000 χ^2 /NDF: 58971663877849428050681828212736.0/5

Right Out: 1.555 $\pm$ 0.000 χ^2 /NDF: 255645951433890296827677195108352.0/15

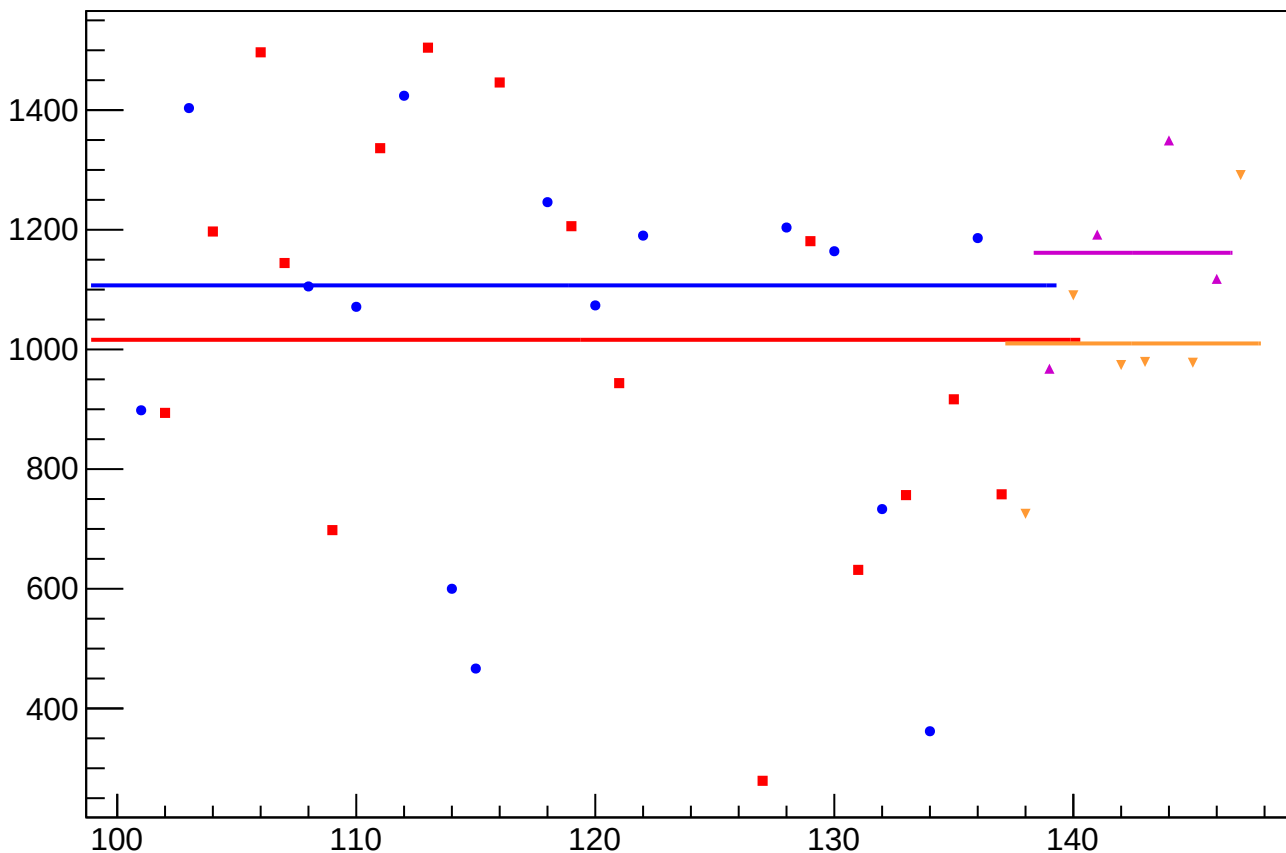
Left In: 1.296 $\pm$ 0.000 χ^2 /NDF: 9684398312811148568540699688960.0/3

All: 1.491 $\pm$ 0.000 χ^2 /NDF: 62646818185952

+ sign 1.512 $\pm$ 0.000 χ^2 /NDF: 34509211225087168

- sign 1.468 $\pm$ 0.000 χ^2 /NDF: 28034774553067962

dit_4aY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

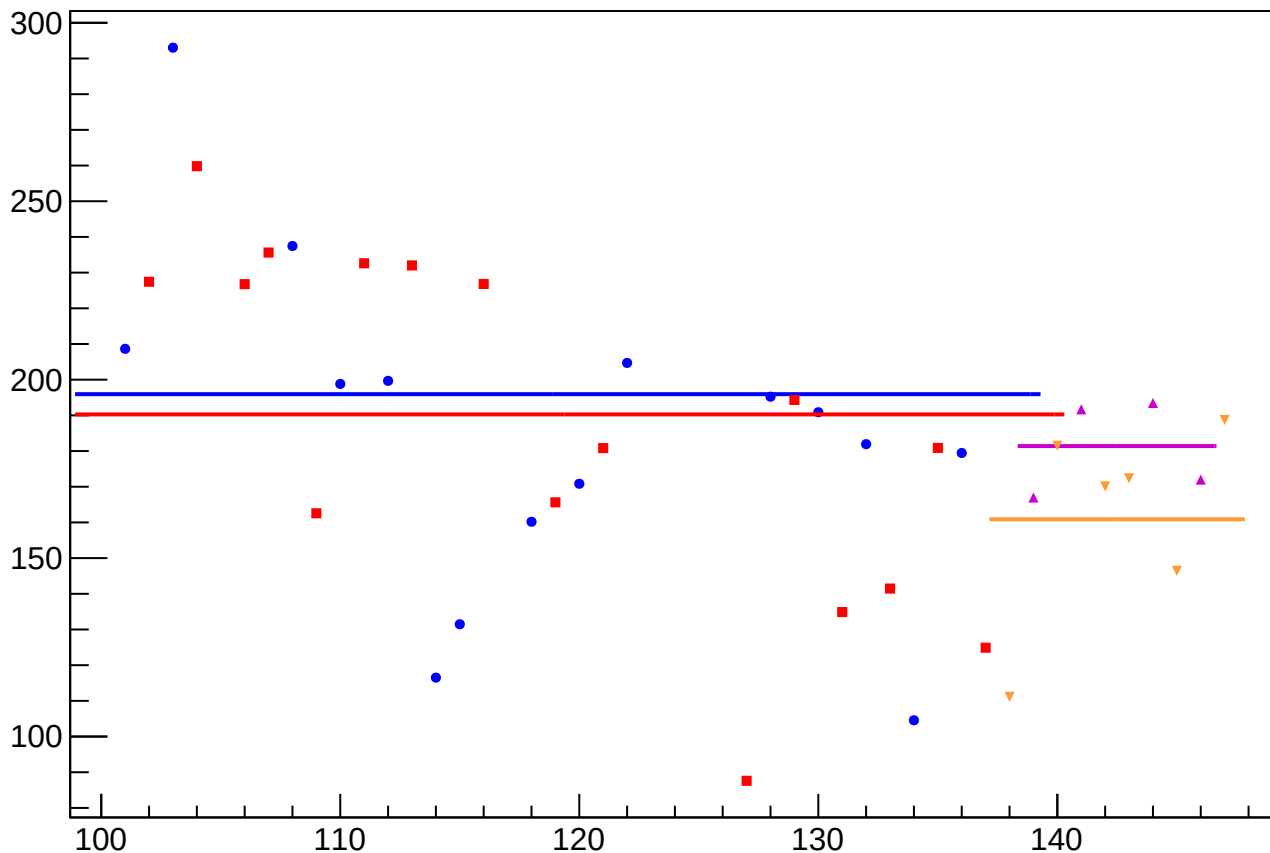
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1068.265+/-0.000 χ^2/NDF : 56315523589353

All: 1066.698+/-0.000 χ^2/NDF : 14004700168

- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

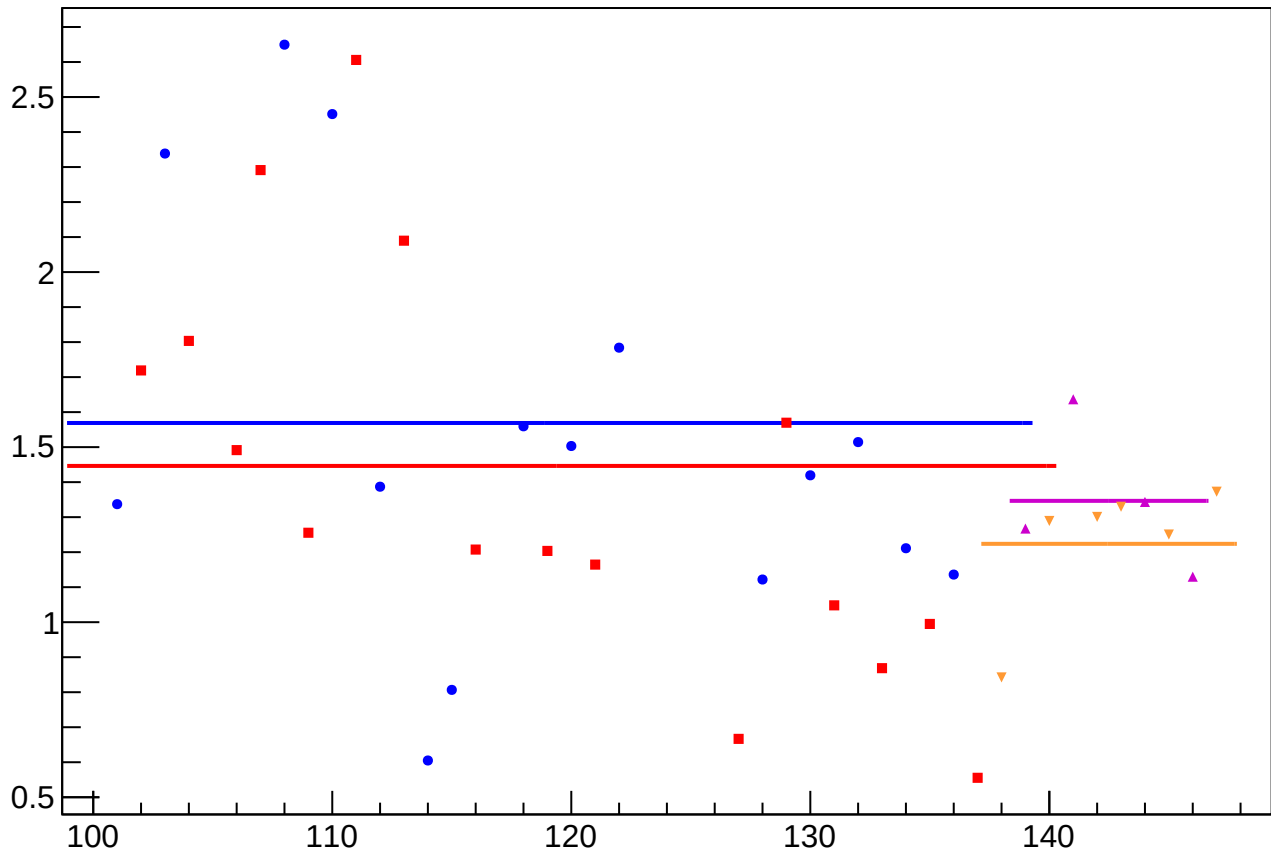
dit_4eY_coil4_mean vs Slug



Right In: 195.940+/-0.000	χ^2/NDF : 1057891079869089572370479093183938560.0/14
Left Out: 160.889+/-0.000	χ^2/NDF : 317934390188400954282607487366463488.0/5
Right Out: 190.268+/-0.000	χ^2/NDF : 1468473073667973330267084234323656704.0/15
Left In: 181.400+/-0.000	χ^2/NDF : 46129722307868550626734319018704896.0/3

+ sign 181.933+/-0.000 χ^2/NDF : 169447831571450
 All: 184.512+/-0.000 χ^2/NDF : 324164267930
 - sign 187.285+/-0.000 χ^2/NDF : 153224290160429

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569+/-0.000 χ^2/NDF : 162849195668123380789610540957696.0/14

Left Out: 1.224+/-0.000 χ^2/NDF : 14514081886416063715557421088768.0/5

Right Out: 1.446+/-0.000 χ^2/NDF : 196296653917523352443271052787712.0/15

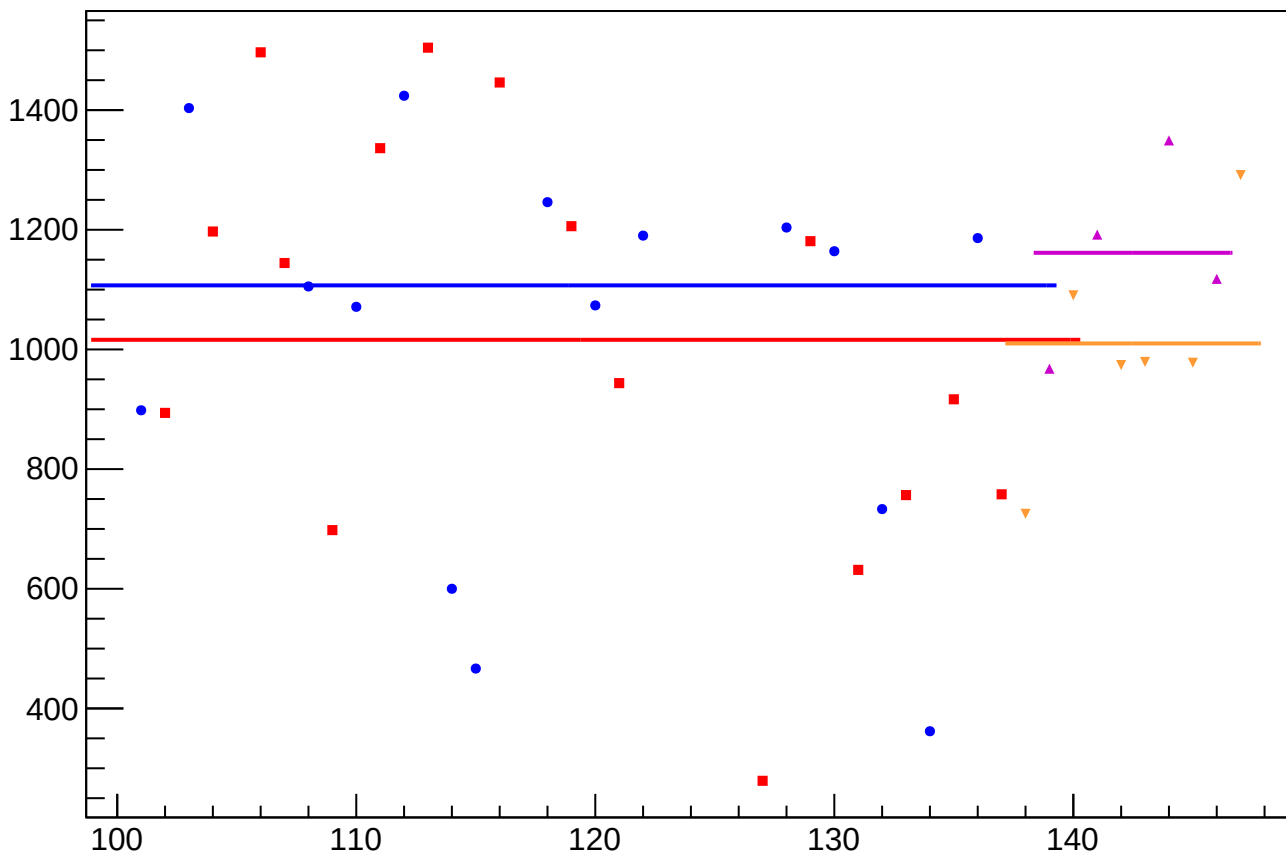
Left In: 1.347+/-0.000 χ^2/NDF : 11557636670830707203375540207616.0/3

+ sign 1.431+/-0.000 χ^2/NDF : 20827033552911728

All: 1.422+/-0.000 χ^2/NDF : 41853154656630

- sign 1.413+/-0.000 χ^2/NDF : 21008736015474158

dit_4eY_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

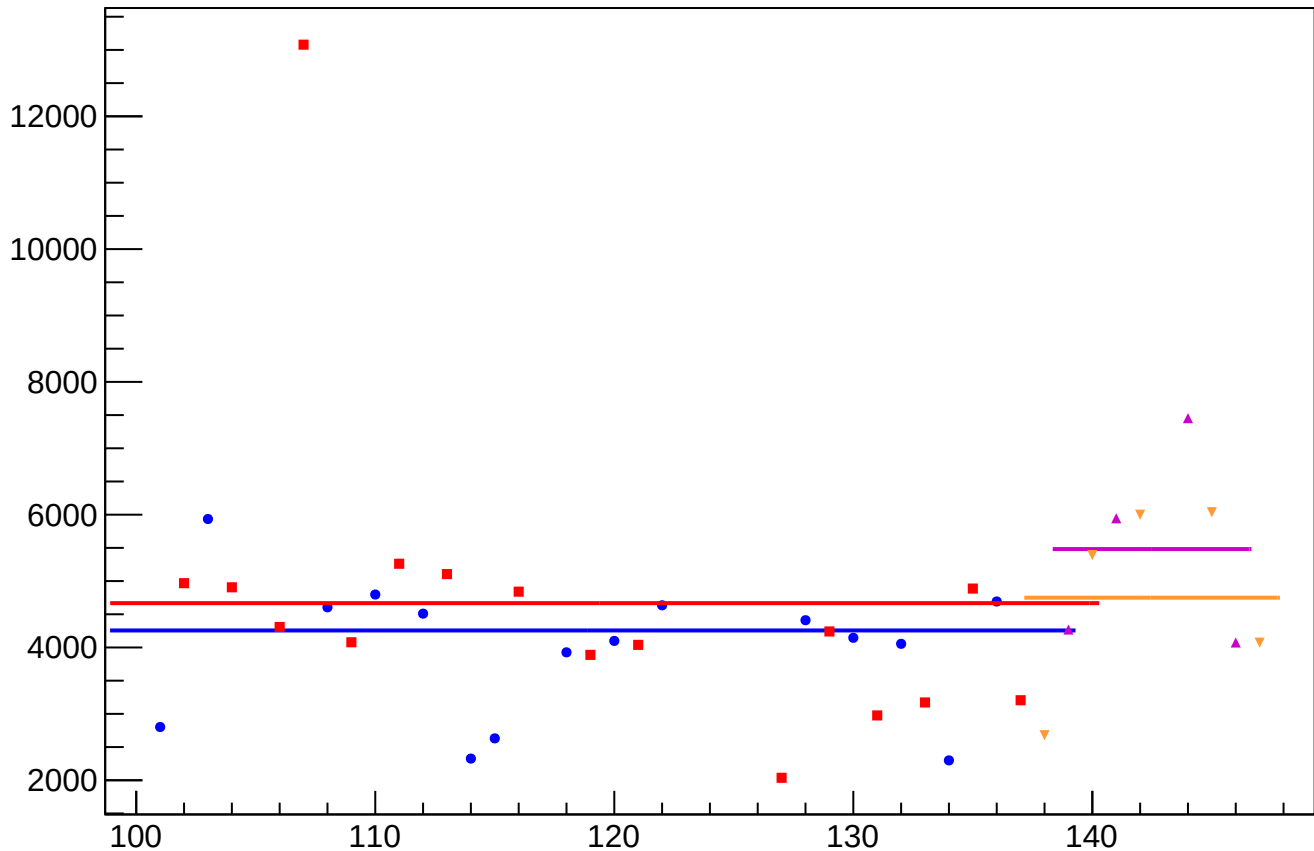
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1068.265+/-0.000 χ^2/NDF : 56315523589353

All: 1066.698+/-0.000 χ^2/NDF : 14004700168

- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

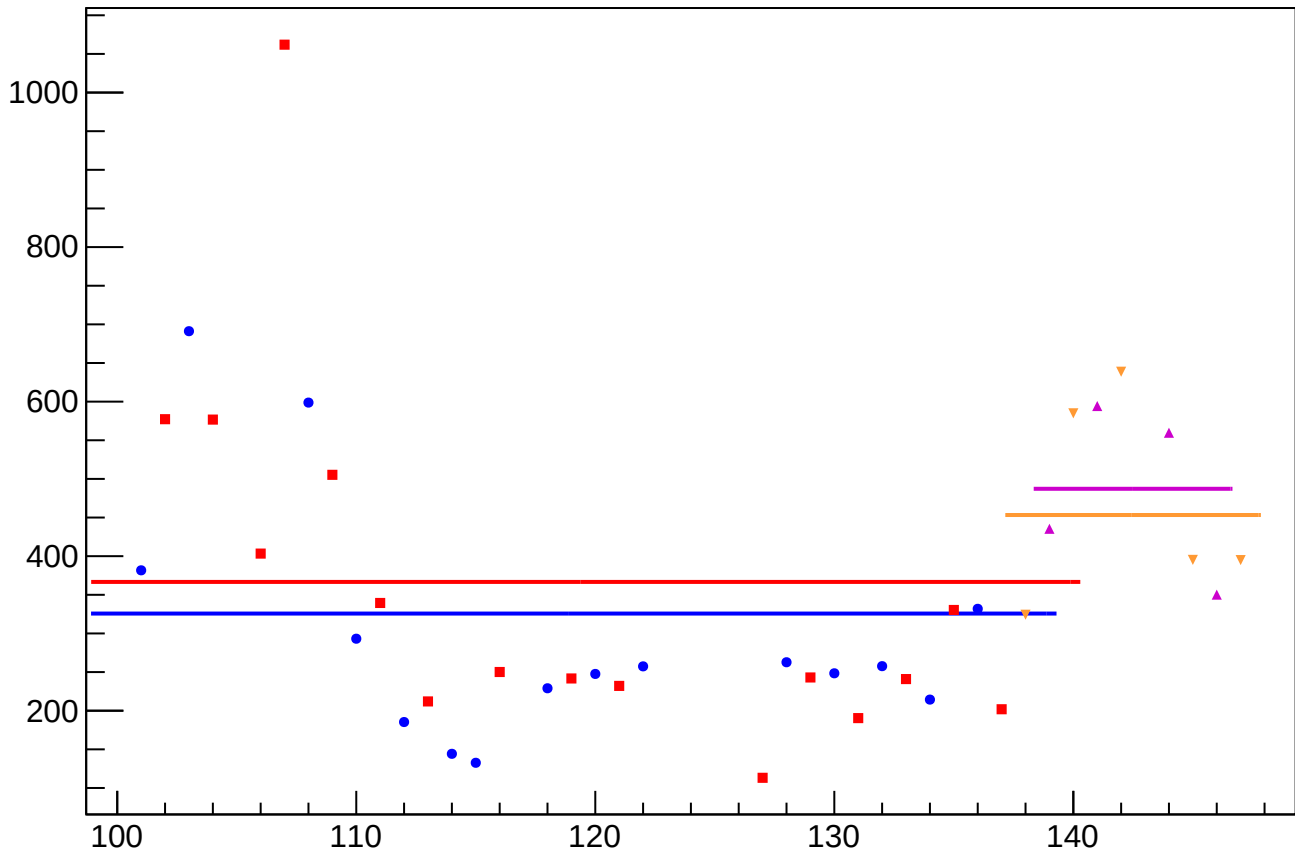
dit_usl_coil4_mean vs Slug



Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14
Left Out: 4749.787+/-0.000	χ^2/NDF : 610291731572486638740538846418885935104.0/4
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15
Left In: 5482.025+/-0.000	χ^2/NDF : 647630588764071272526639206438476447744.0/3

+ sign 4433.991+/-0.000 χ^2/NDF : 11657692238969
 All: 4686.694+/-0.000 χ^2/NDF : 52941180260
 - sign 4941.660+/-0.000 χ^2/NDF : 39982633604815

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

Left Out: 453.269+/-0.000 χ^2/NDF : 4839986633621568274113293021784047616.0/4

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

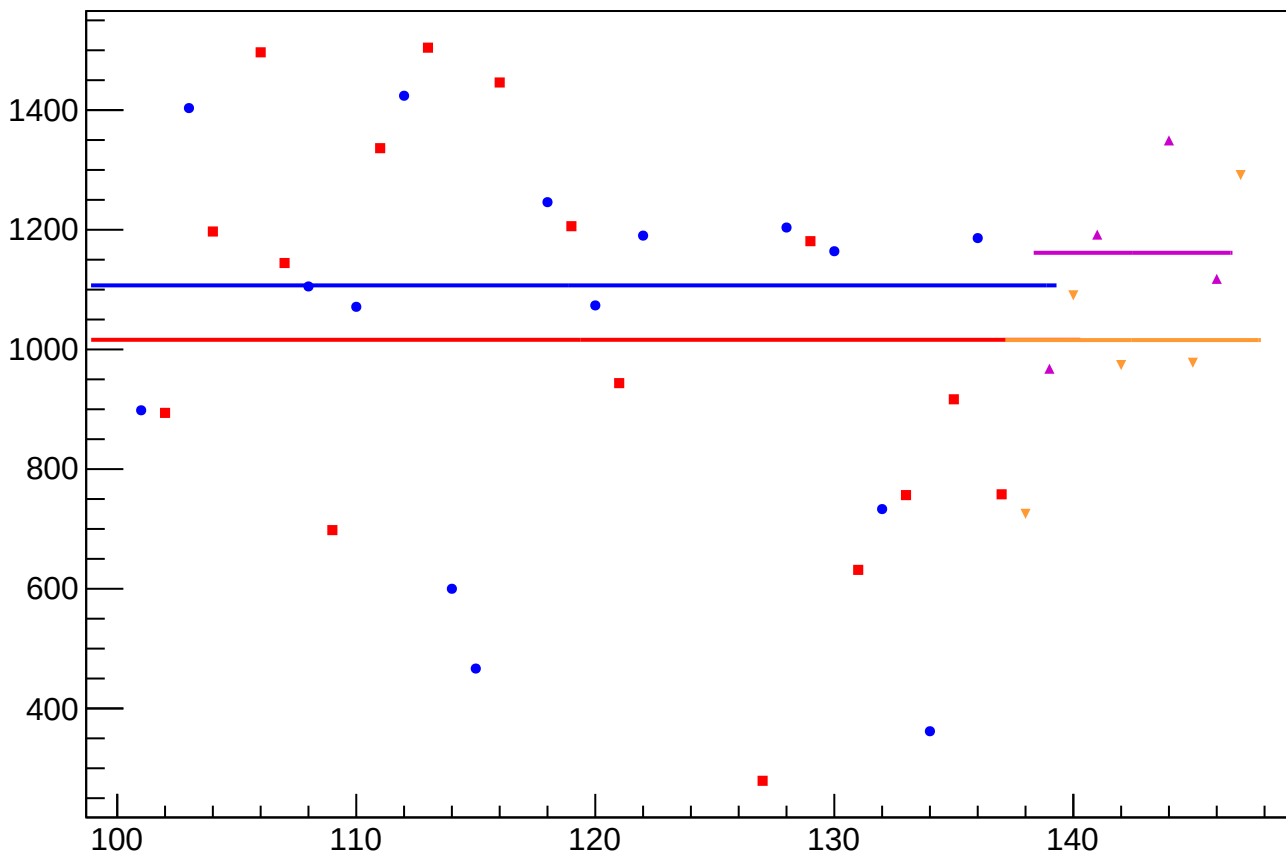
Left In: 487.209+/-0.000 χ^2/NDF : 3217673076062534372404153073602134016.0/3

+ sign 371.640+/-0.000 χ^2/NDF : 232732763160449

All: 389.350+/-0.000 χ^2/NDF : 62485787660

- sign 407.218+/-0.000 χ^2/NDF : 385736349789948

dit_usl_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1015.666+/-0.000 χ^2/NDF : 13162834707955244001467038176873807872.0/4

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

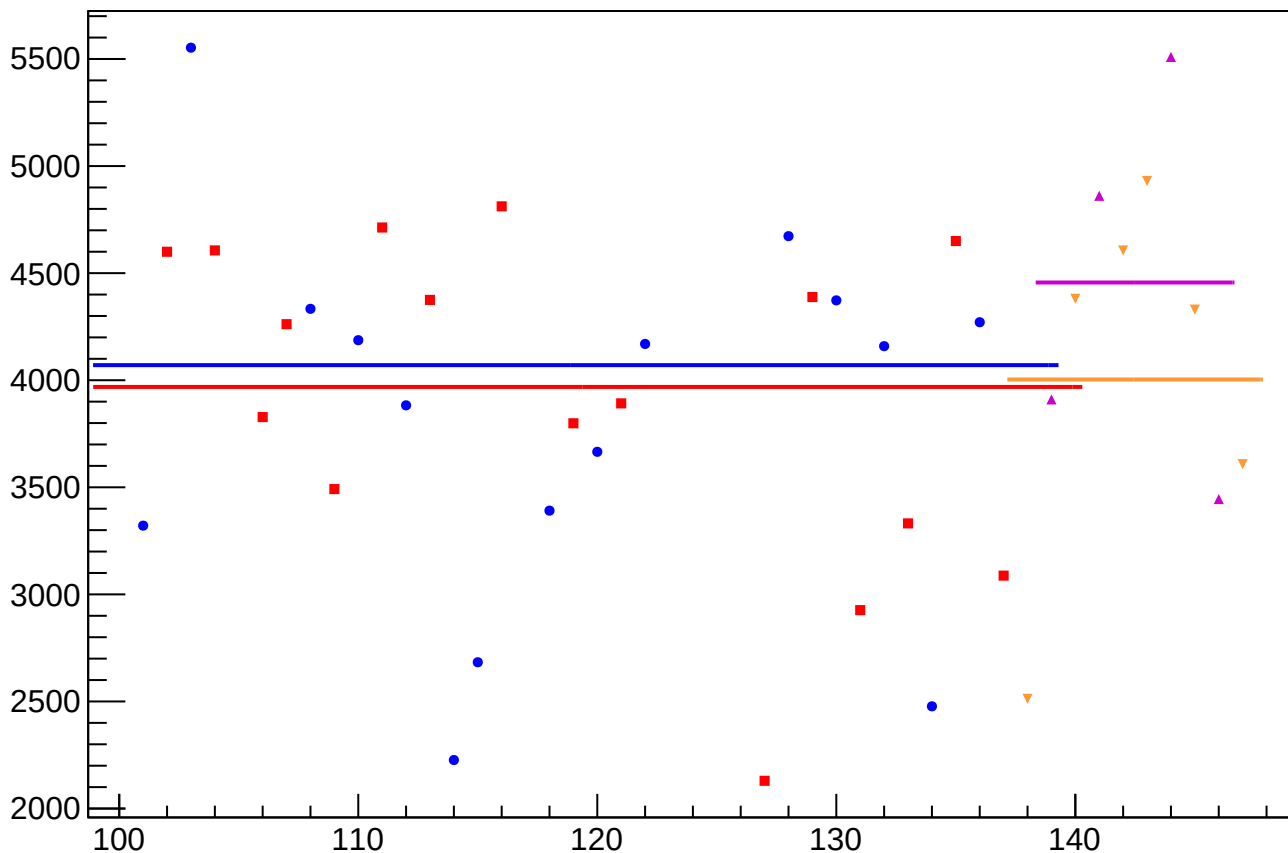
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1074.157+/-0.000 χ^2/NDF : 55747701123096

All: 1069.604+/-0.000 χ^2/NDF : 13951588263

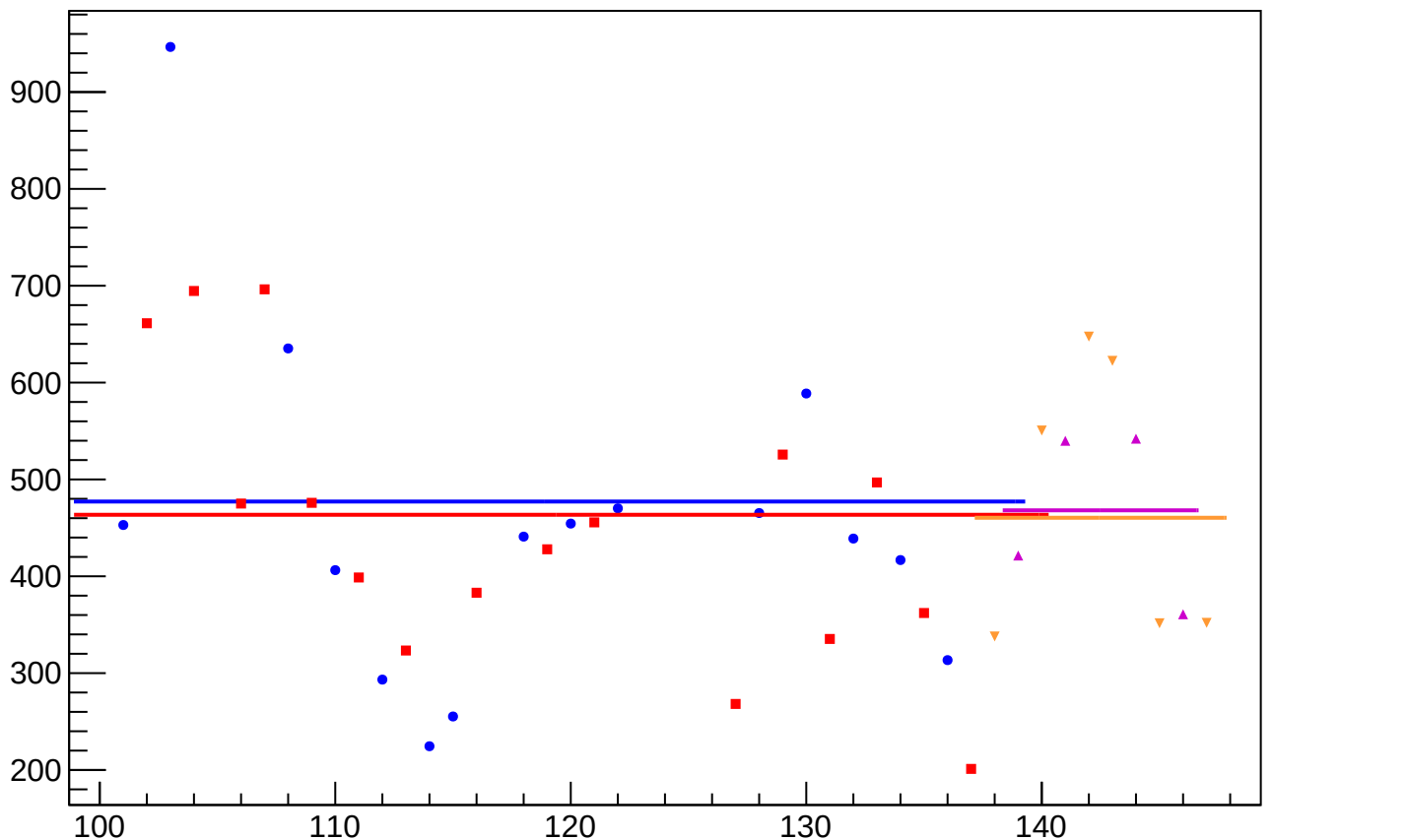
- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

dit_usr_coil4_mean vs Slug



Right In: 4070.444+/-0.000	χ^2/NDF : 343281875282695739956383156295247593472.0/14
Left Out: 4003.480+/-0.000	χ^2/NDF : 280146732172641703652189438312894693376.0/5
Right Out: 3968.723+/-0.000	χ^2/NDF : 359955880326194784467353369492594884608.0/15
Left In: 4456.351+/-0.000	χ^2/NDF : 221688297500953854606116381791262605312.0/3

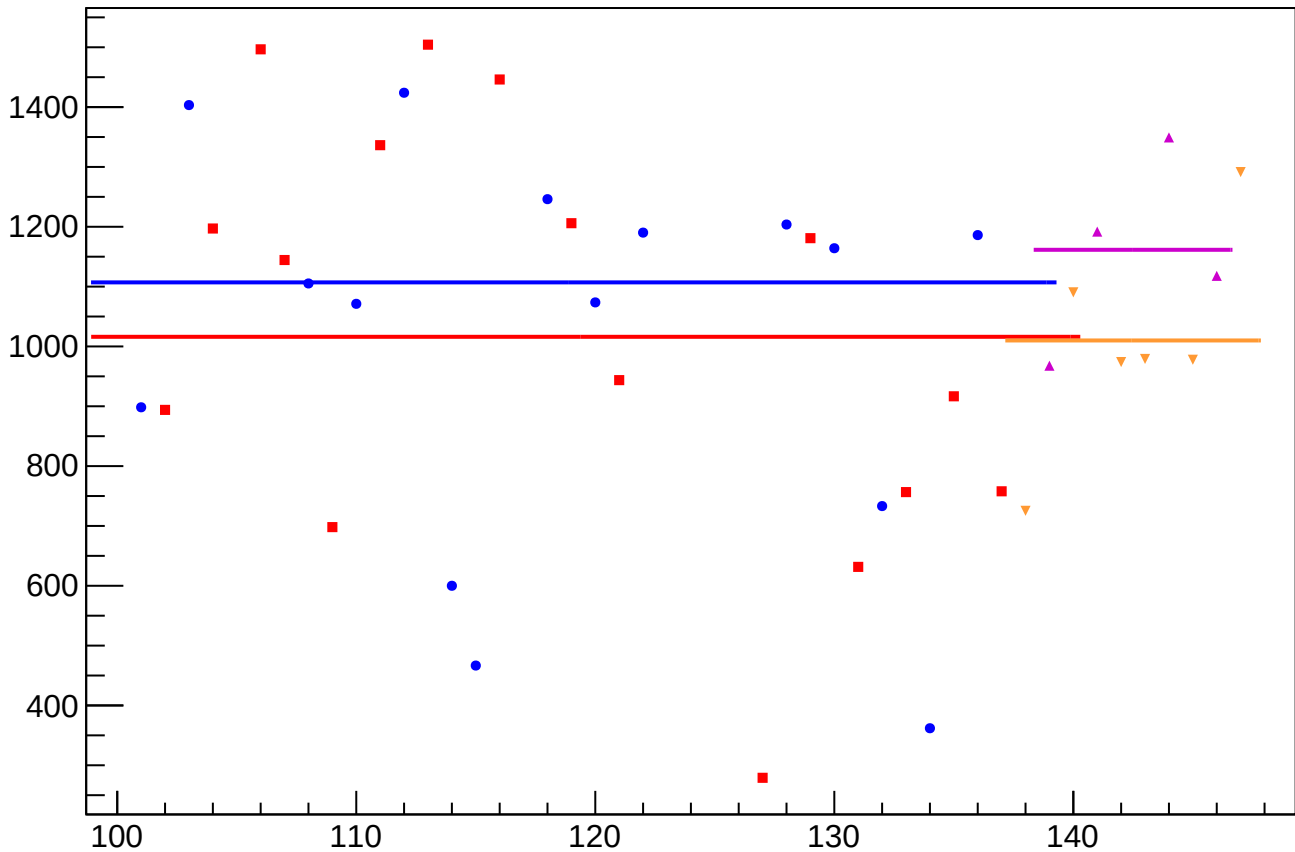
dit_usr_coil4_err_mean vs Slug



Right In: 477.186+/-0.000	χ^2/NDF : 20455719931758379978892605184974782464.0/14
Left Out: 460.436+/-0.000	χ^2/NDF : 7085131526320624515817097087976210432.0/5
Right Out: 463.513+/-0.000	χ^2/NDF : 12556777931069903370031832388184571904.0/15
Left In: 468.117+/-0.000	χ^2/NDF : 2057890020258326350654917971151945728.0/3

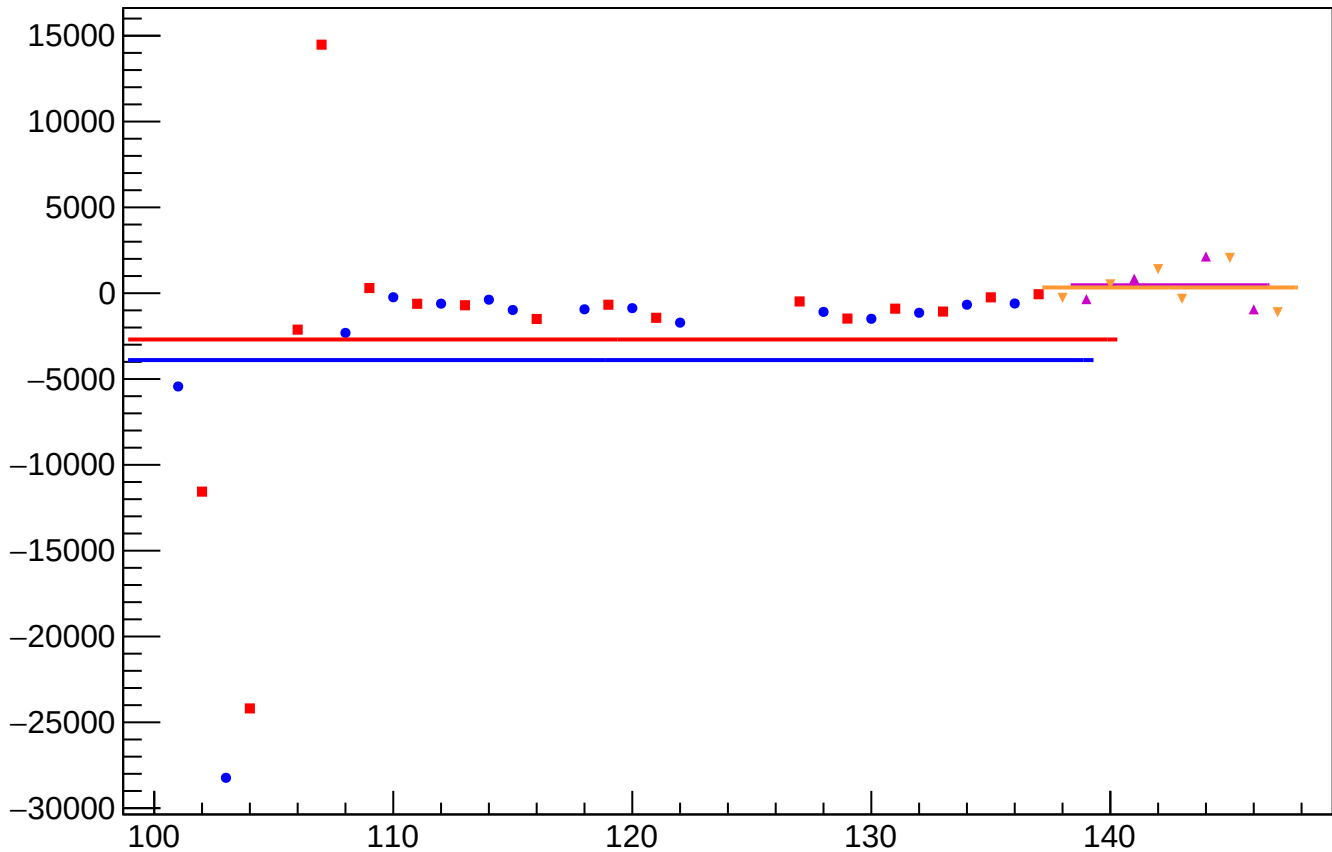
+ sign 470.492+/-0.000 χ^2/NDF : 276136234314534
 All: 467.876+/-0.000 χ^2/NDF : 422484102590
 - sign 465.061+/-0.000 χ^2/NDF : 146194227946070

dit_usr_coil4_Ndata_mean vs Slug



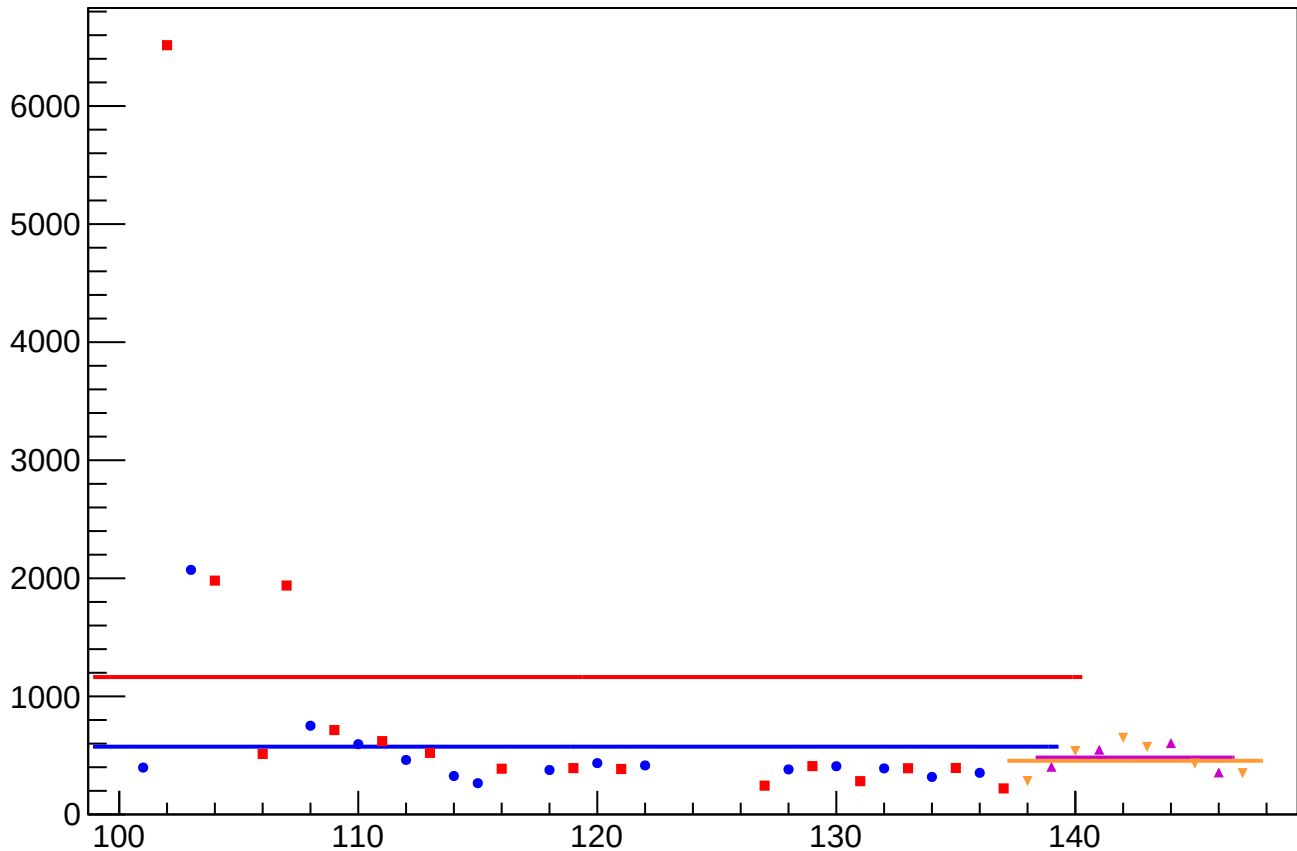
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1068.265+/-0.000	χ^2/NDF : 56315523589353
Left Out: 1009.995+/-0.000	χ^2/NDF : 13238505208121456504355975514007011328.0/5	All: 1066.698+/-0.000	χ^2/NDF : 14004700168
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1065.011+/-0.000	χ^2/NDF : 83725961652528
Left In: 1161.518+/-0.000	χ^2/NDF : 6415082275187532229804308665552863232.0/3		

dit_atl1_coil4_mean vs Slug



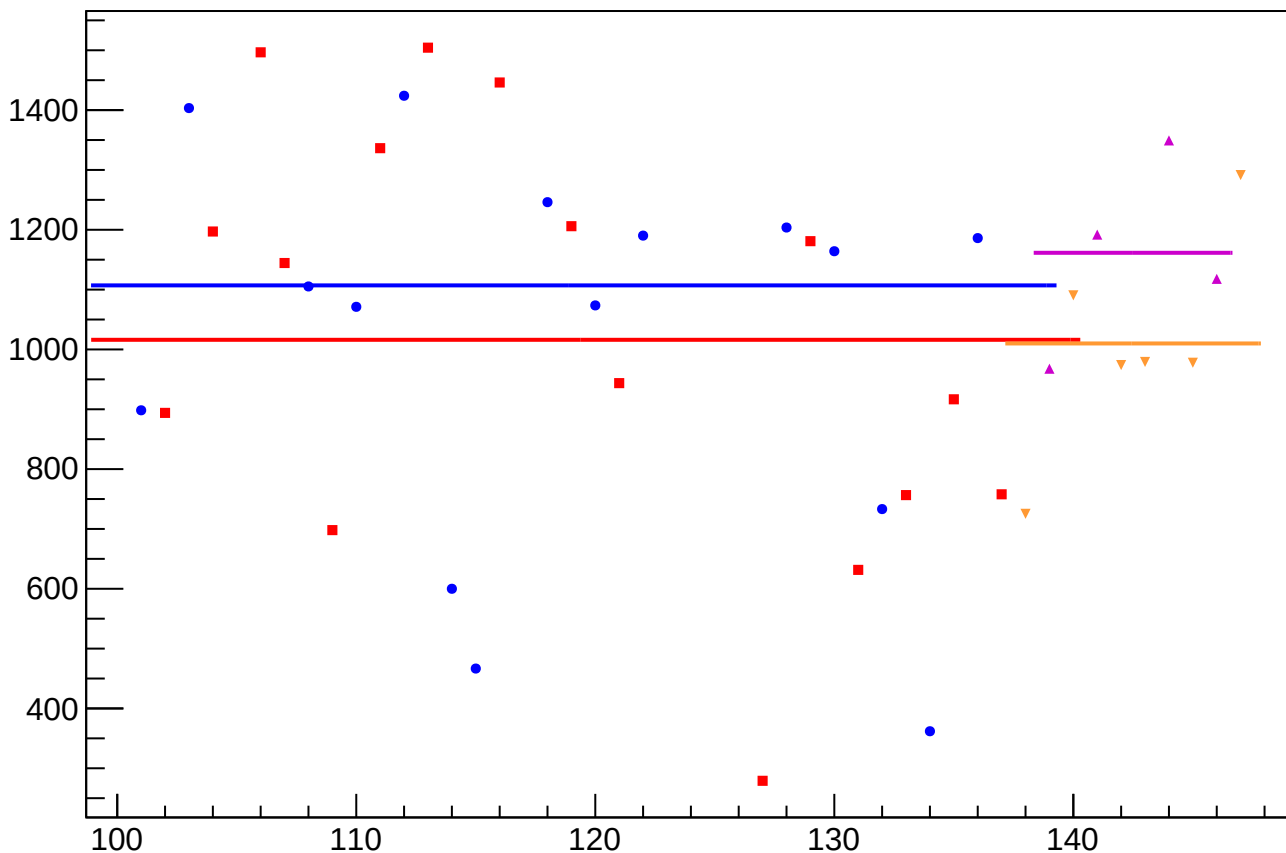
Right In: -3896.522 ± 0.000 χ^2/NDF : 39618598516481020448248440670012984786944.0/14
 Left Out: 333.025 ± 0.000 χ^2/NDF : 515946271306910700683306355852392267776.0/5
 Right Out: -2695.992 ± 0.000 χ^2/NDF : 40822463071462352124212058386591729582080.0/15
 Left In: 462.597 ± 0.000 χ^2/NDF : 478192317564498132211947094038875734016.0/3
 + sign -2206.268 ± 0.000 χ^2/NDF : 4477425104037
 All: -1930.415 ± 0.000 χ^2/NDF : 8848365864
 - sign -1633.700 ± 0.000 χ^2/NDF : 43538669093269

dit_atl1_coil4_err_mean vs Slug



Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14
 Left Out: 454.673+/-0.000 χ^2/NDF : 6419263278608971478037331864232919040.0/5
 Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15
 Left In: 481.802+/-0.000 χ^2/NDF : 3515989015110379527299465485744078848.0/3

dit_atl1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

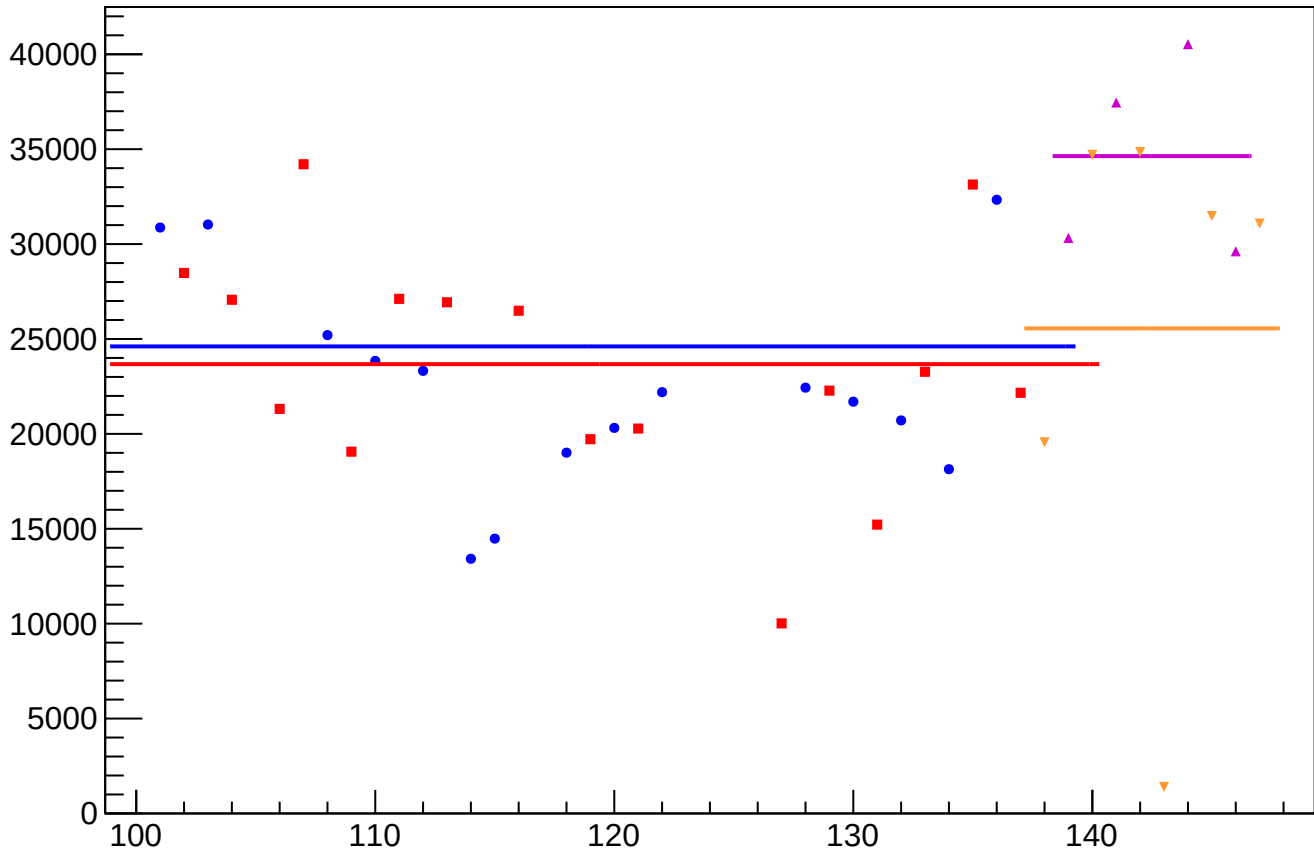
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1068.265+/-0.000 χ^2/NDF : 56315523589353

All: 1066.698+/-0.000 χ^2/NDF : 14004700168

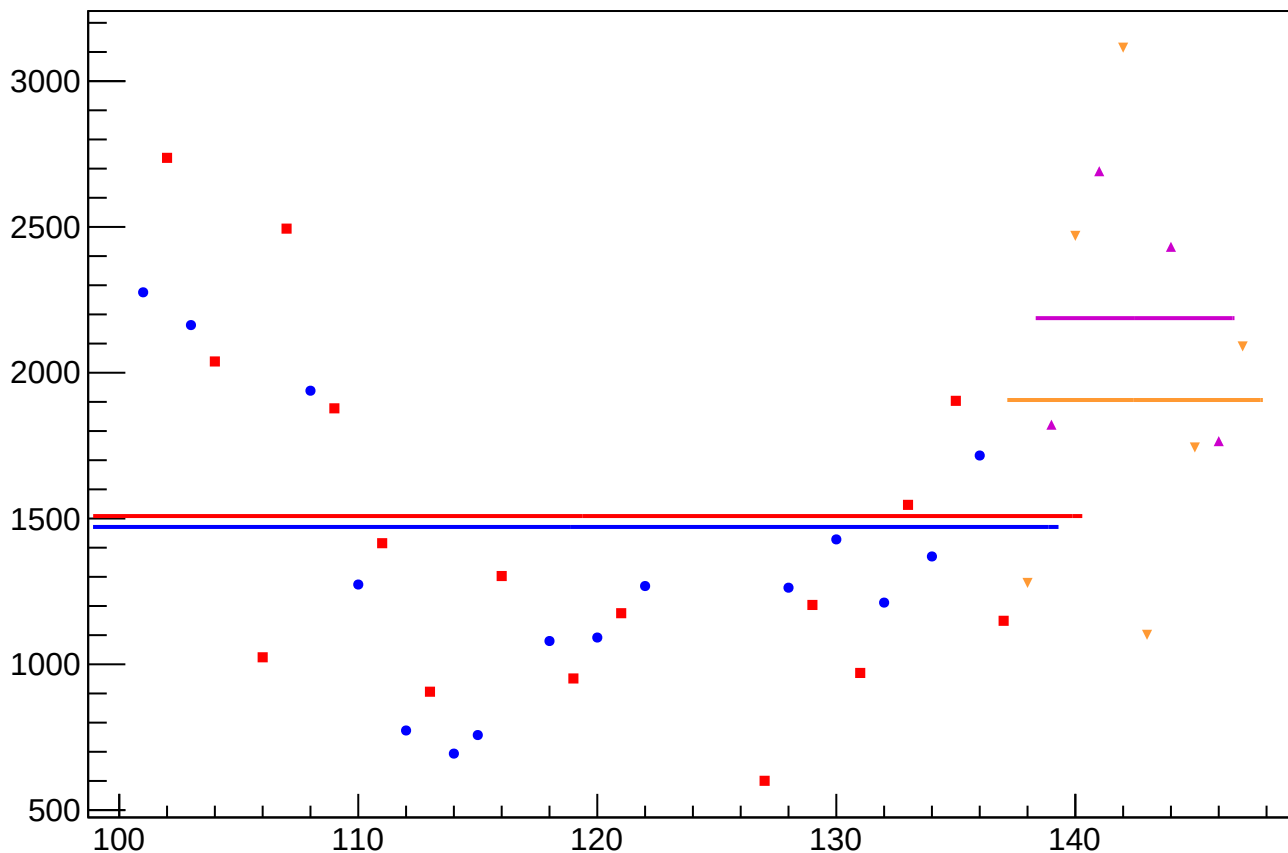
- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

dit_atl2_coil4_mean vs Slug



Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14	+ sign 24988.214+/-0.000	χ^2/NDF : 7574939506363
Left Out: 25558.273+/-0.000	χ^2/NDF : 57959962478477994978553999620377912803328.0/5	All: 26130.940+/-0.000	χ^2/NDF : 1378164519
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15	- sign 27360.082+/-0.000	χ^2/NDF : 5913712067479
Left In: 34634.219+/-0.000	χ^2/NDF : 7365300019099663394561006855872090996736.0/3		

dit_atl2_coil4_err_mean vs Slug



Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14

Left Out: 1906.475+/-0.000 χ^2/NDF : 172070450977740824493242933292128272384.0/5

Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15

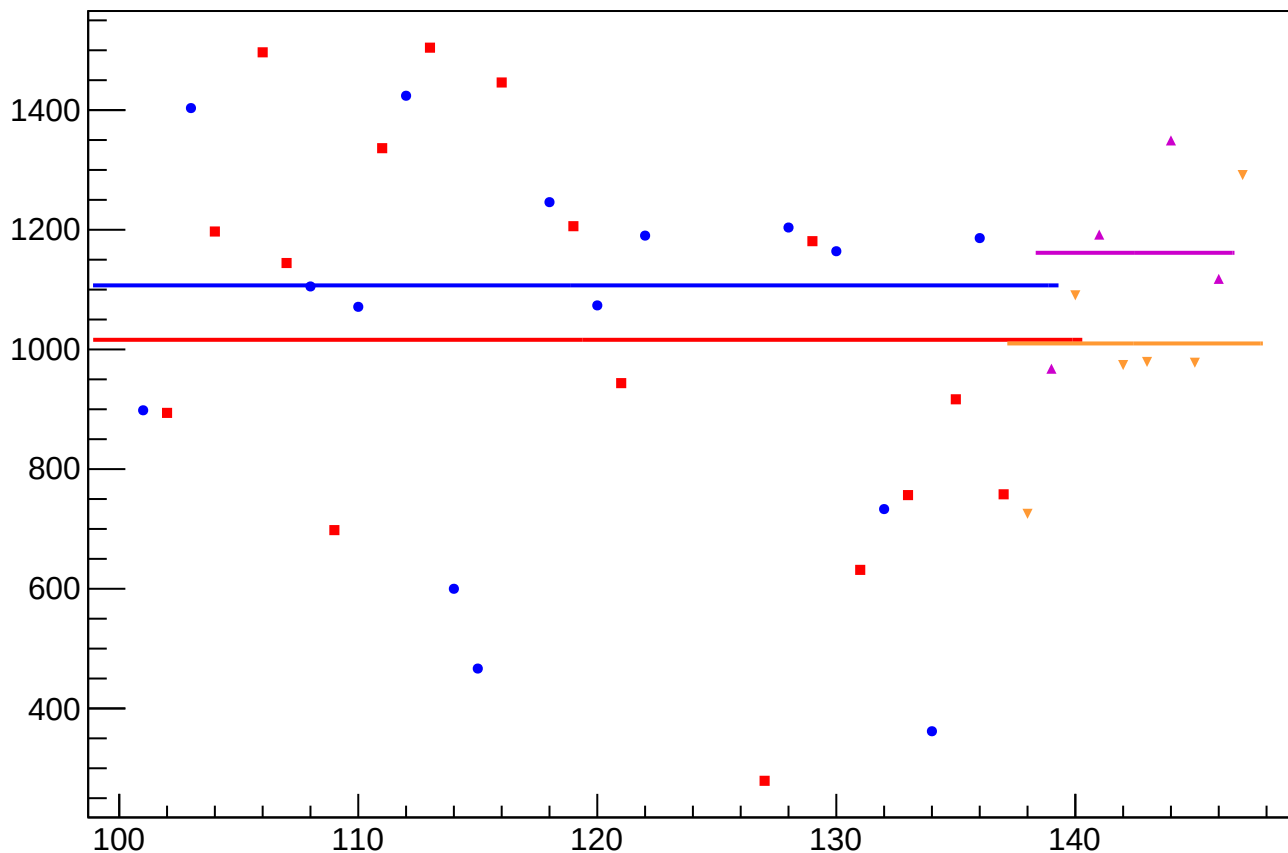
Left In: 2187.224+/-0.000 χ^2/NDF : 52493941405815191863450079929888145408.0/3

+ sign 1645.086+/-0.000 χ^2/NDF : 36040875595185

All: 1689.241+/-0.000 χ^2/NDF : 77071622270

- sign 1736.735+/-0.000 χ^2/NDF : 40593293813561

dit_atl2_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

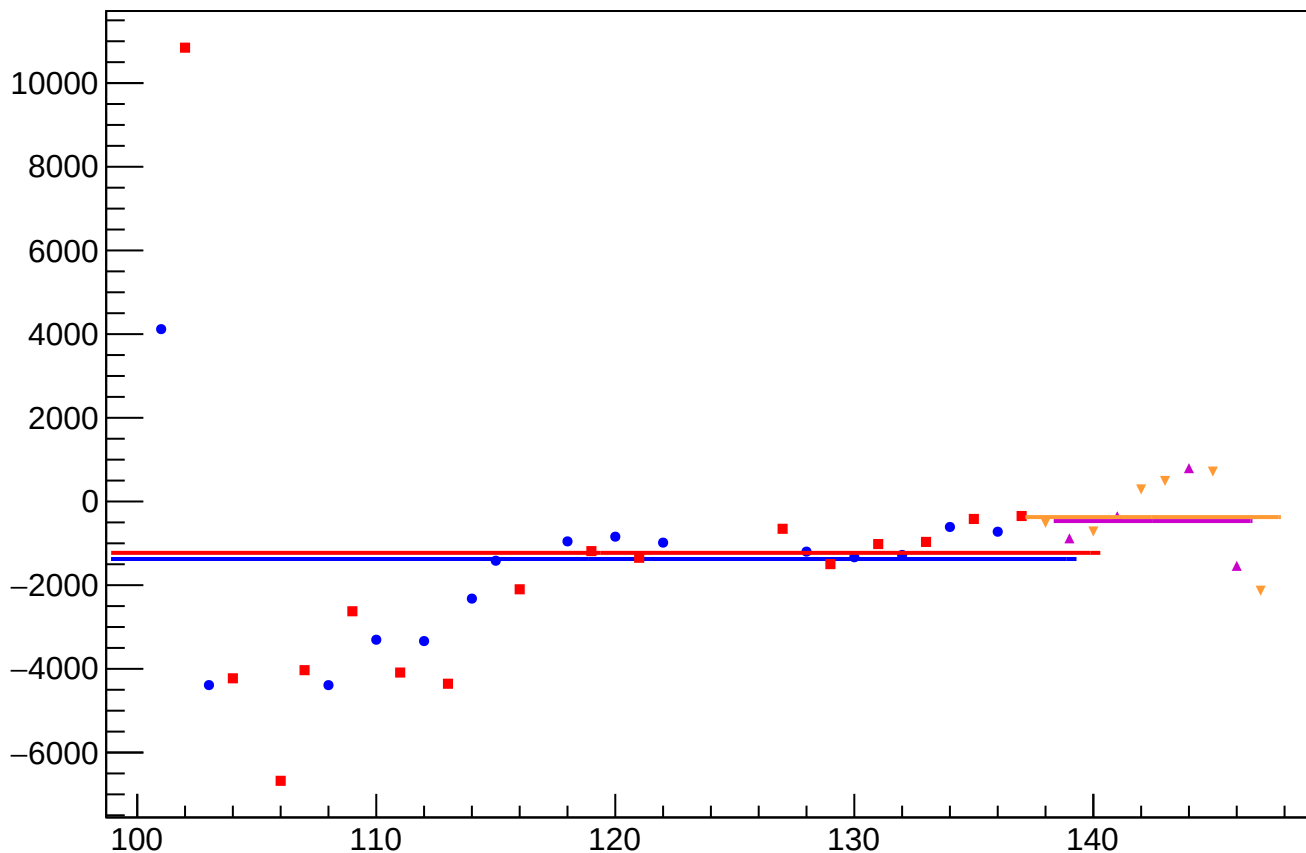
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1068.265+/-0.000 χ^2/NDF : 56315523589353

All: 1066.698+/-0.000 χ^2/NDF : 14004700168

- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

dit_atr1_coil4_mean vs Slug



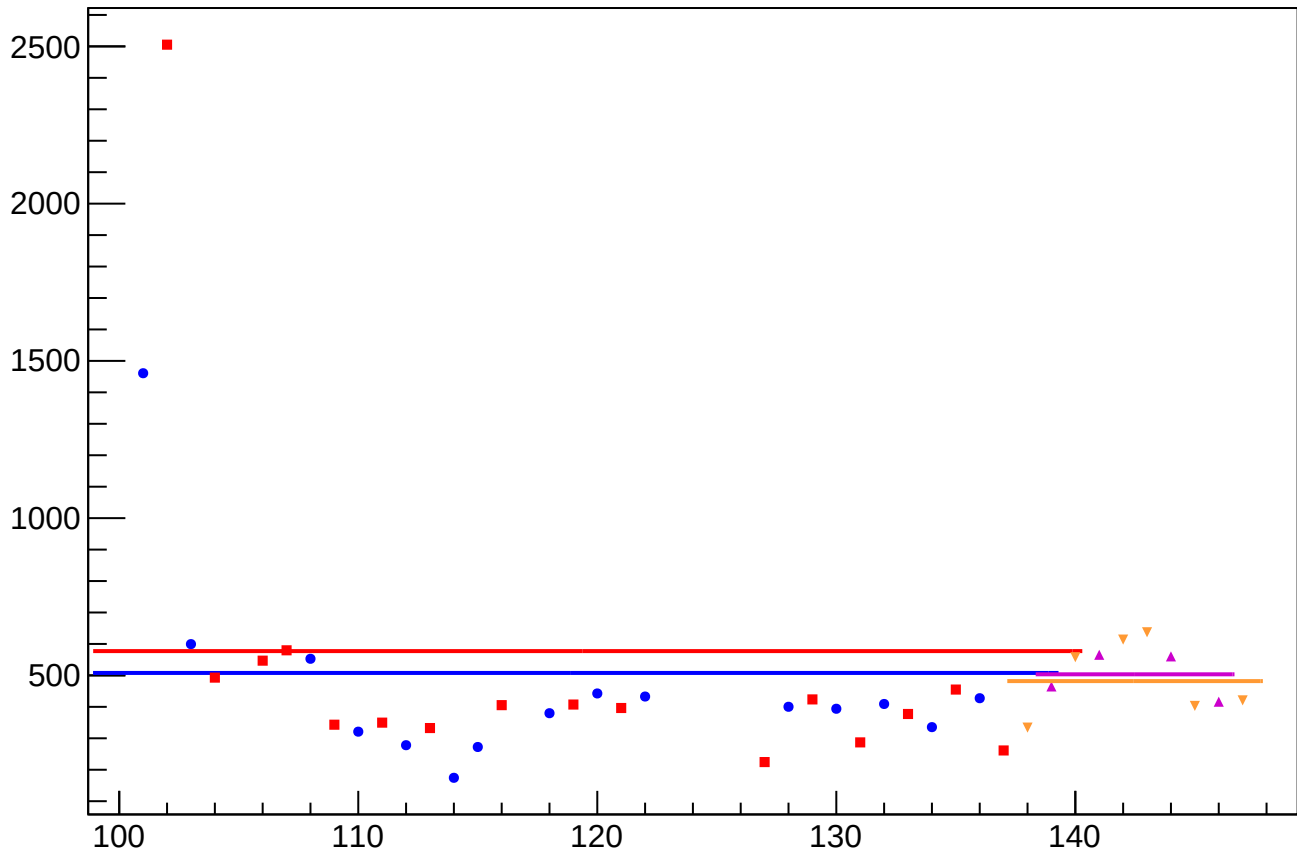
Right In: -1374.510+/-0.000 χ^2/NDF : 3072775774026573120755024580495322120192.0/14

Left Out: -372.767+/-0.000 χ^2/NDF : 418744273677597031205999407642861109248.0/5

Right Out: -1227.879+/-0.000 χ^2/NDF : 11115312999926623396466450218448622452736.0/15

Left In: -467.518+/-0.000 χ^2/NDF : 252189431833471155373252182378236870656.0/3

dit_atr1_coil4_err_mean vs Slug



Right In: 507.809+/-0.000 χ^2/NDF : 64139927968444054596859613468220719104.0/14

Left Out: 481.856+/-0.000 χ^2/NDF : 5391161463441575917677654992905830400.0/5

Right Out: 577.250+/-0.000 χ^2/NDF : 241288780642623391683958641535574081536.0/15

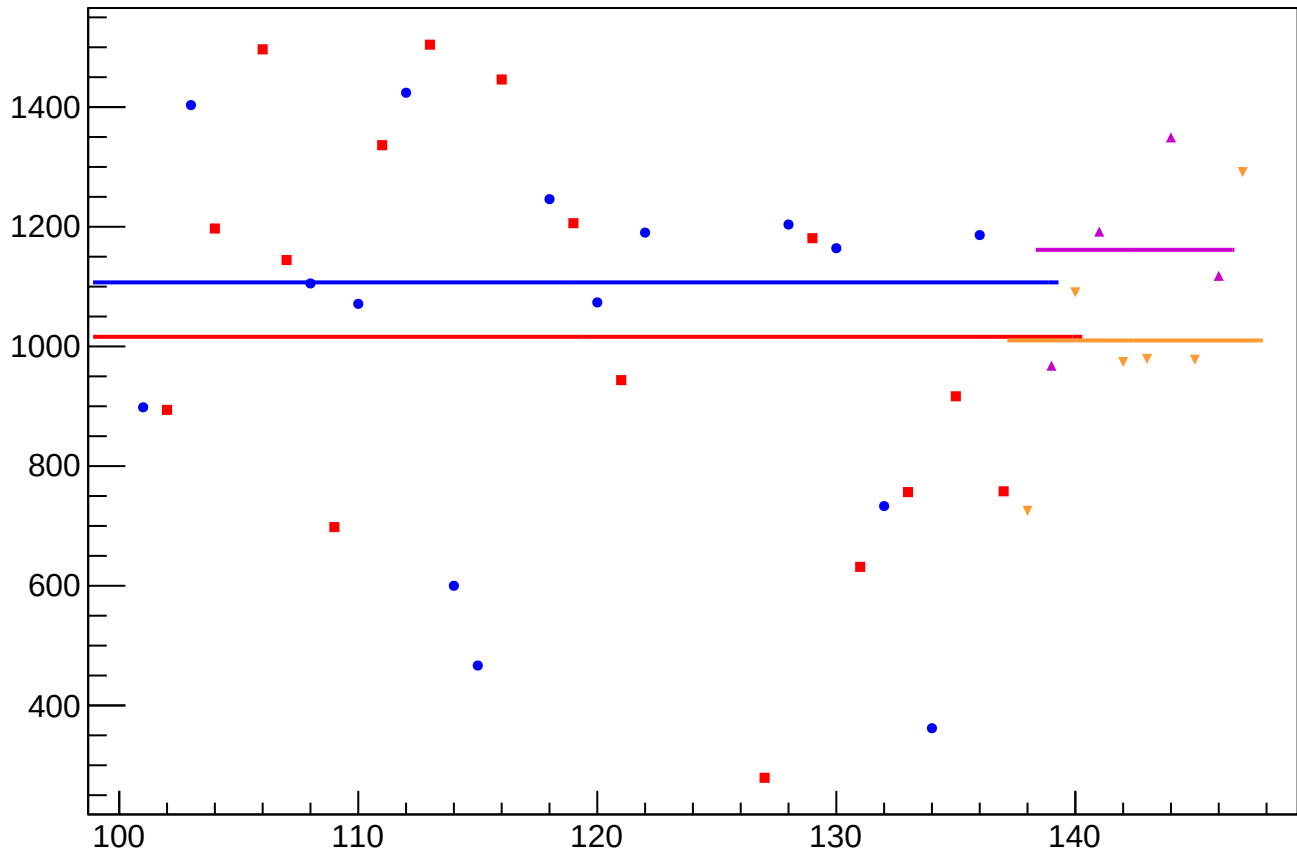
Left In: 503.447+/-0.000 χ^2/NDF : 1367206398030197814022623613008478208.0/3

+ sign 497.437+/-0.000 χ^2/NDF : 697057888618875

All: 523.931+/-0.000 χ^2/NDF : 315158613219

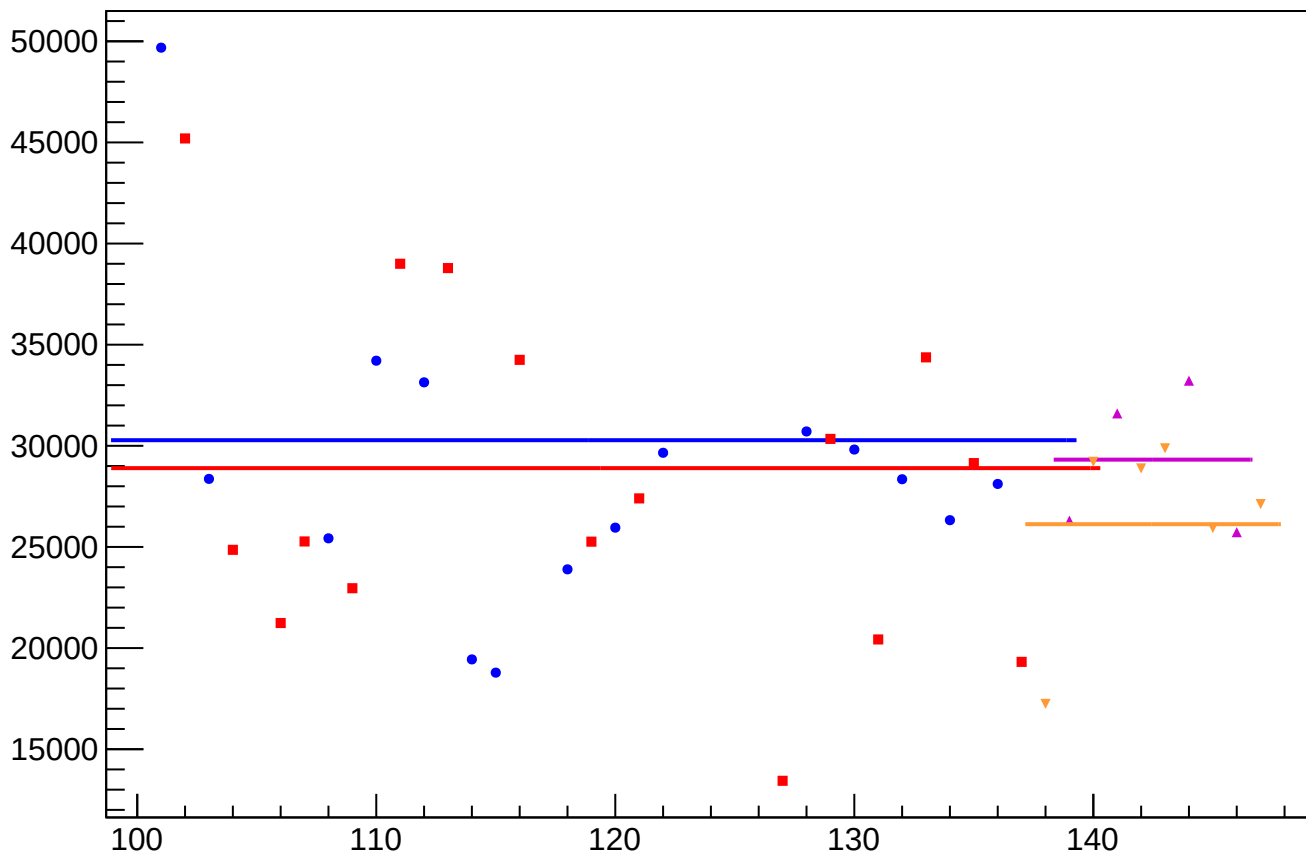
- sign 552.429+/-0.000 χ^2/NDF : 243877867316729

dit_atr1_coil4_Ndata_mean vs Slug



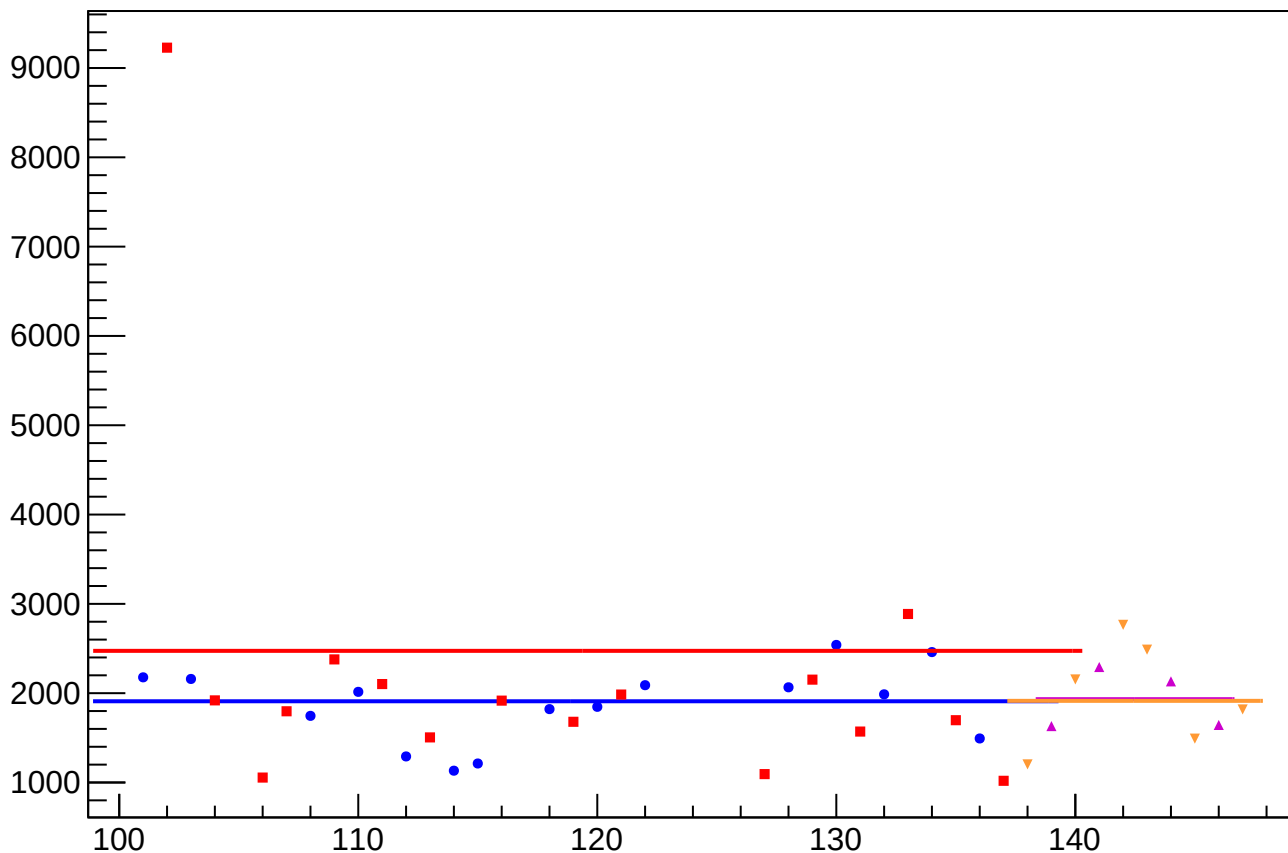
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 $\pm$ 0.000 χ^2 /NDF: 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1161.518 $\pm$ 0.000 χ^2 /NDF: 6415082275187532229804308665552863232.0/3

dit_atr2_coil4_mean vs Slug



Right In: 30277.649+/-0.000 χ^2/NDF : 30975974641524142453090022540760519278592.0/14
 Left Out: 26125.399+/-0.000 χ^2/NDF : 8309033449854175923067192826294565863424.0/5
 Right Out: 28896.318+/-0.000 χ^2/NDF : 46969504058010359146250560228409714147328.0/15
 Left In: 29316.421+/-0.000 χ^2/NDF : 3604378711799768128097000101599248384000.0/3

dit_atr2_coil4_err_mean vs Slug



Right In: 1909.434+/-0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14

Left Out: 1914.092+/-0.000 χ^2/NDF : 114748129378562866919479726521322569728.0/5

Right Out: 2473.977+/-0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15

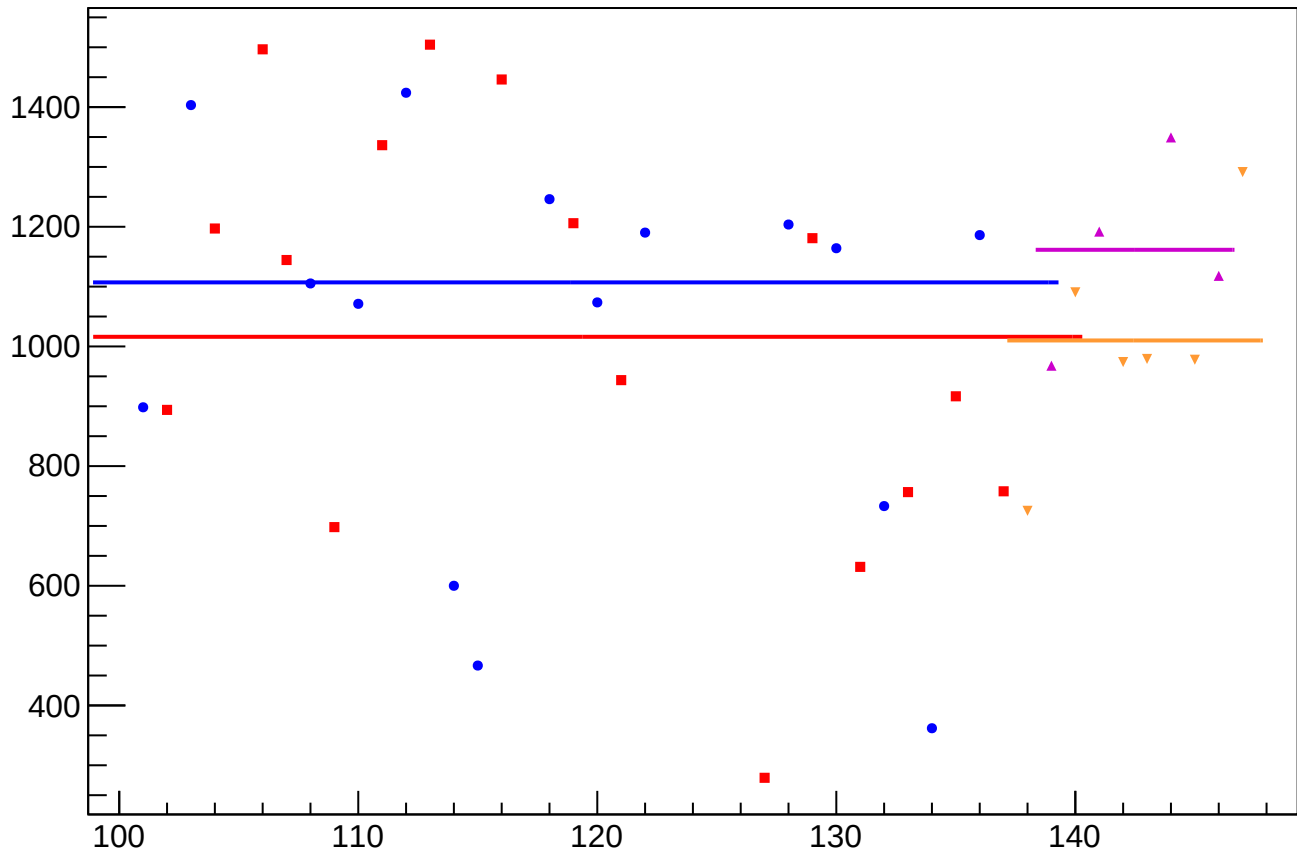
Left In: 1932.895+/-0.000 χ^2/NDF : 28825519095123048053395028192853491712.0/3

+ sign 1911.295+/-0.000 χ^2/NDF : 20239072985225

All: 2094.713+/-0.000 χ^2/NDF : 34062841056

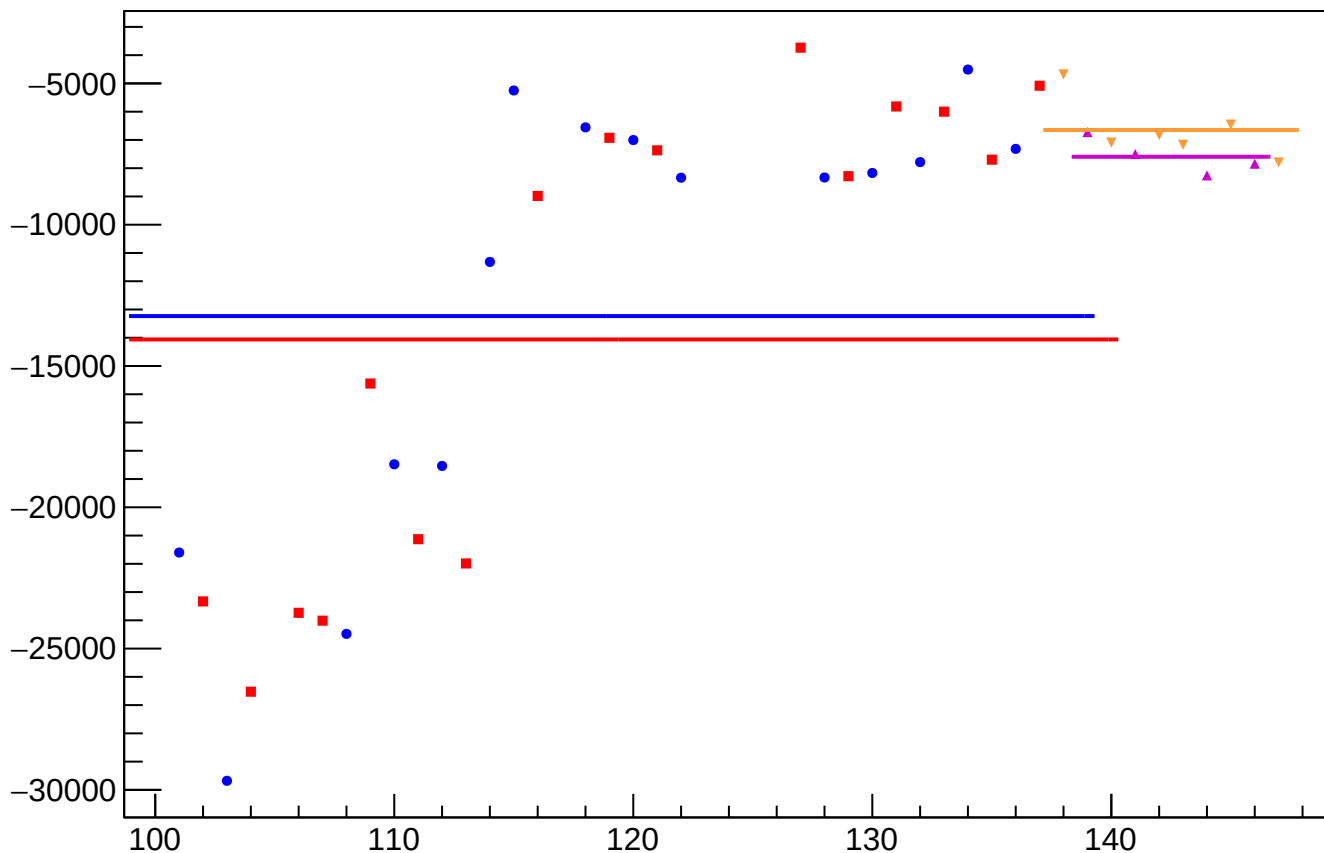
- sign 2292.001+/-0.000 χ^2/NDF : 31284090467334

dit_atr2_coil4_Ndata_mean vs Slug



Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 $\pm$ 0.000 χ^2 /NDF: 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1161.518 $\pm$ 0.000 χ^2 /NDF: 6415082275187532229804308665552863232.0/3

dit_sam1_coil4_mean vs Slug



Right In: -13233.367+/-0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

Left Out: -6648.316+/-0.000 χ^2/NDF : 443803166906922972591258796041294577664.0/5

Right Out: -14060.103+/-0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

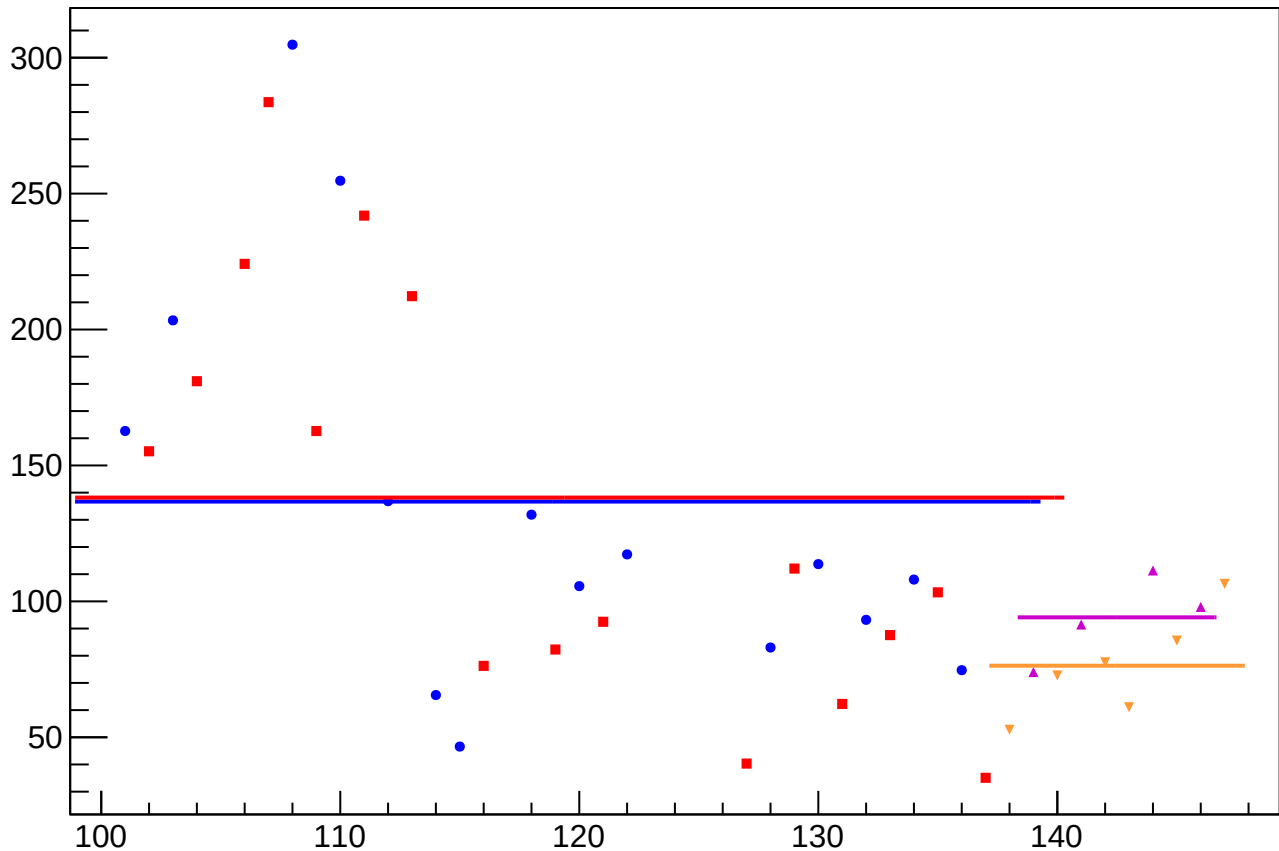
Left In: -7595.182+/-0.000 χ^2/NDF : 106142981882333542472698843066758332416.0/3

+ sign -10601.783+/-0.000 χ^2/NDF : 529474399330

All: -11220.416+/-0.000 χ^2/NDF : 107778559

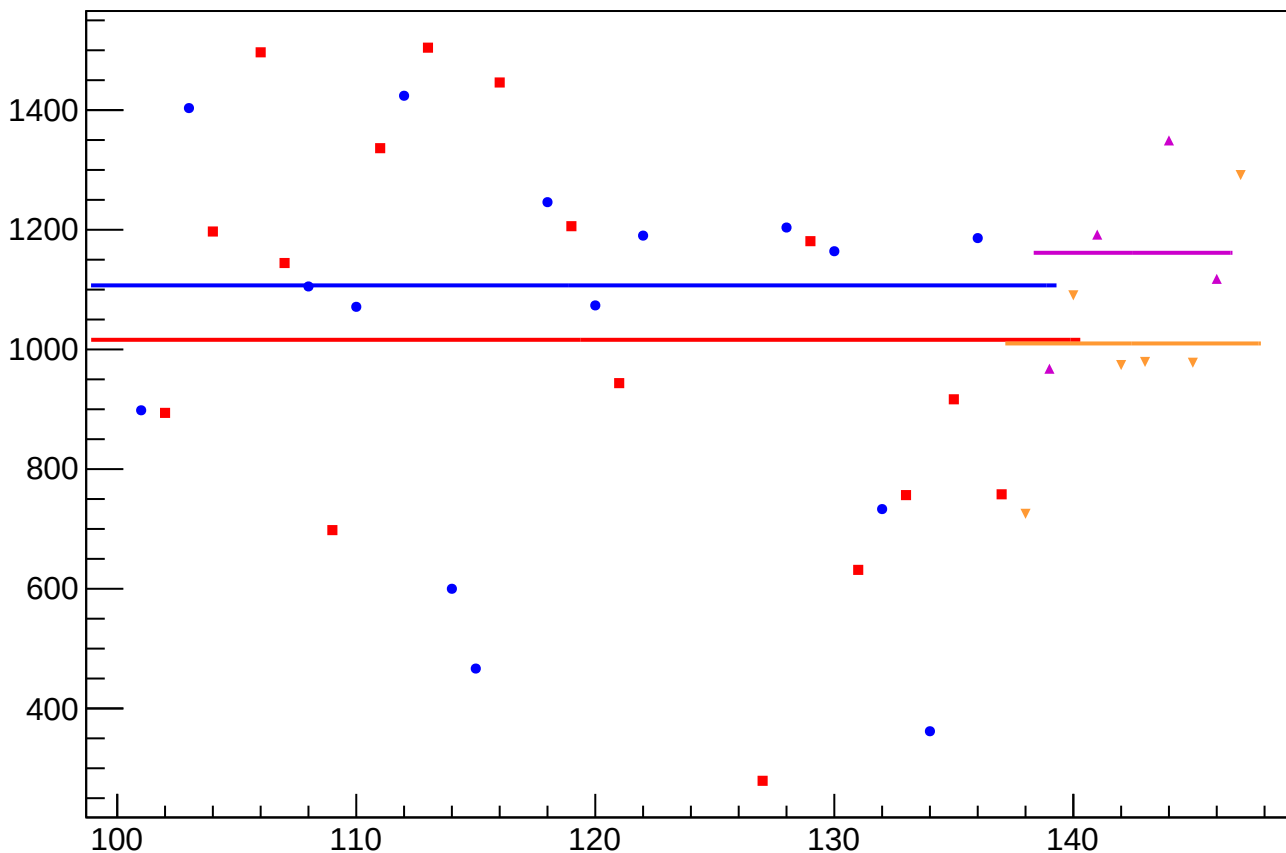
- sign -11885.831+/-0.000 χ^2/NDF : 5397242217771

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711 +/- 0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14
 Left Out: 76.328 +/- 0.000 χ^2/NDF : 137804399681429297975000606829445120.0/5
 Right Out: 138.179 +/- 0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15
 Left In: 94.122 +/- 0.000 χ^2/NDF : 61070375927798447262796891578957824.0/3

dit_sam1_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

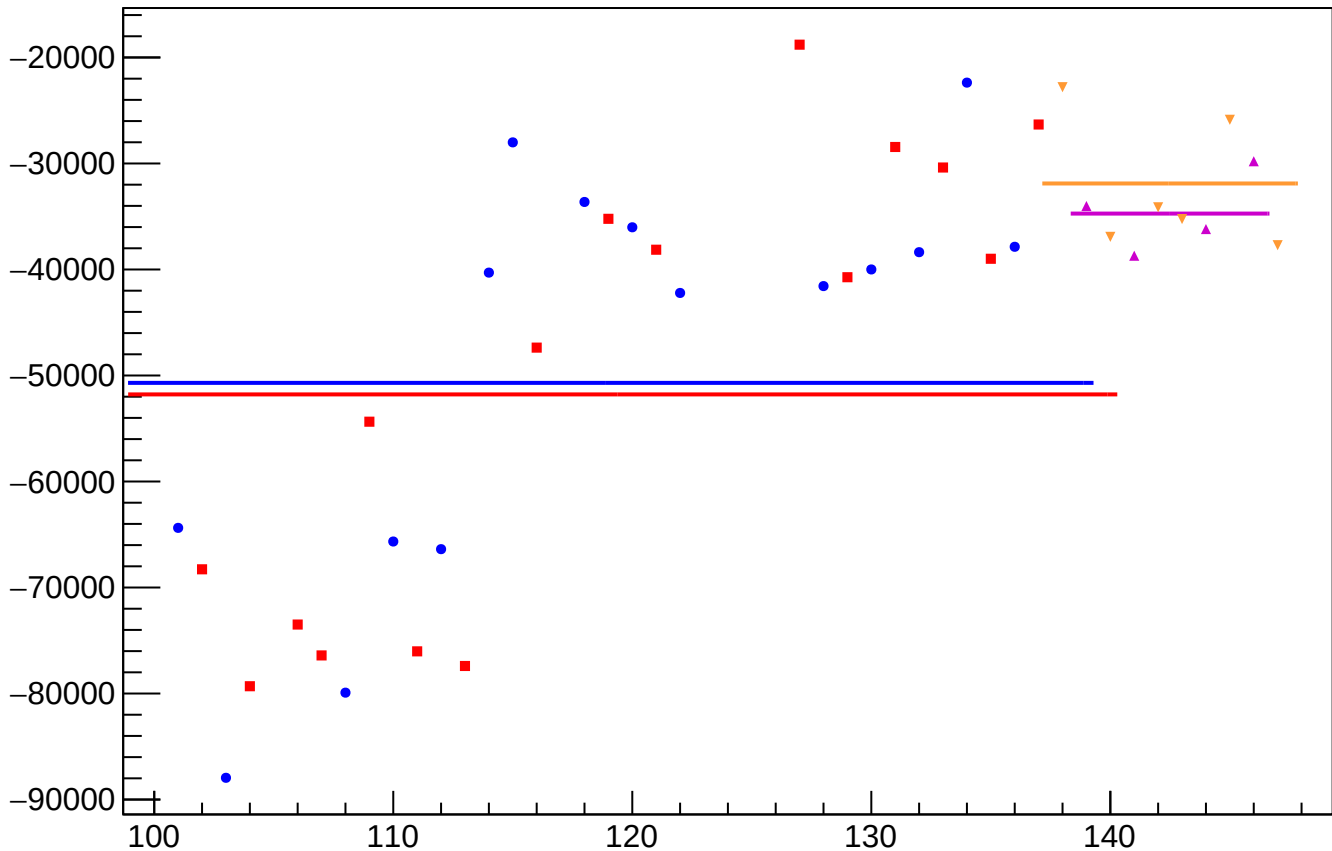
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1068.265+/-0.000 χ^2/NDF : 56315523589353

All: 1066.698+/-0.000 χ^2/NDF : 14004700168

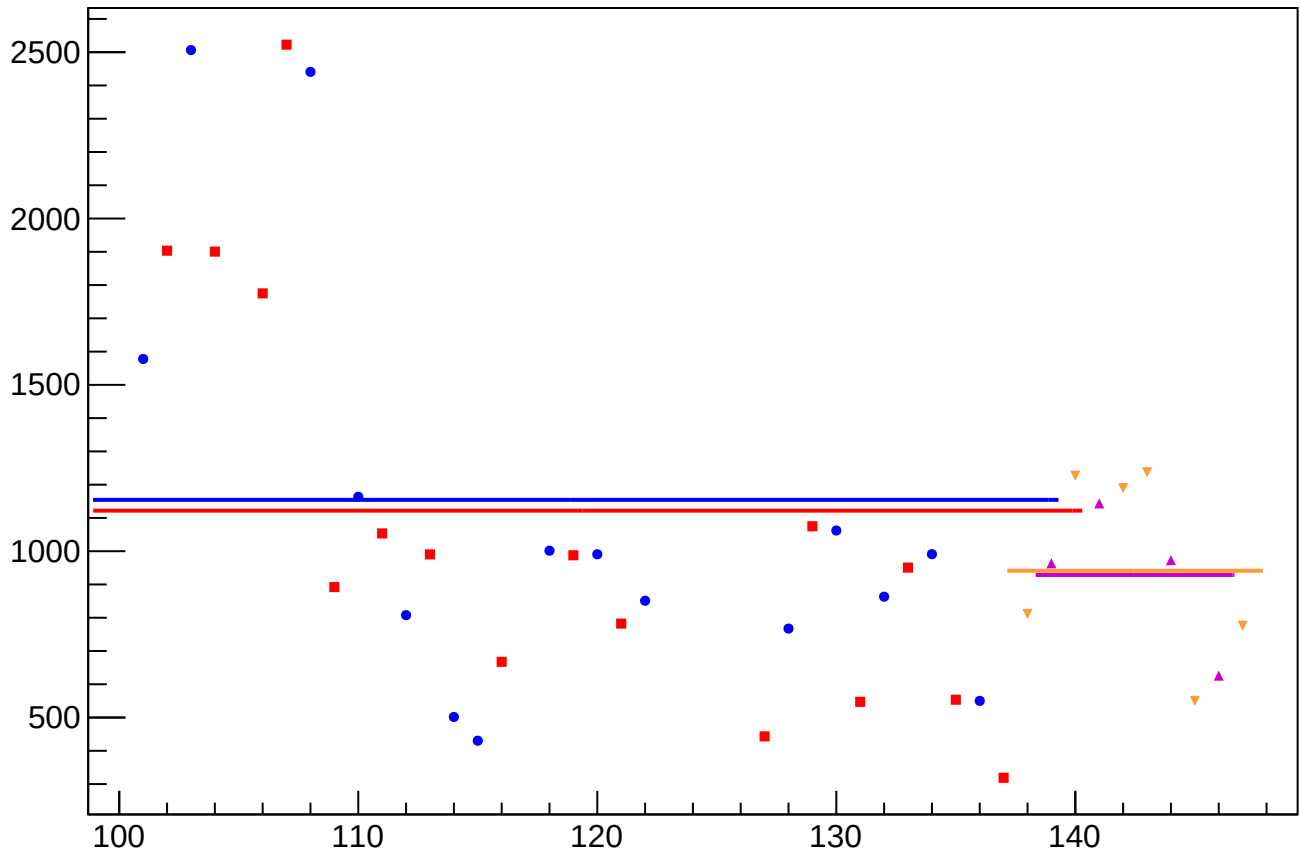
- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

dit_sam2_coil4_mean vs Slug



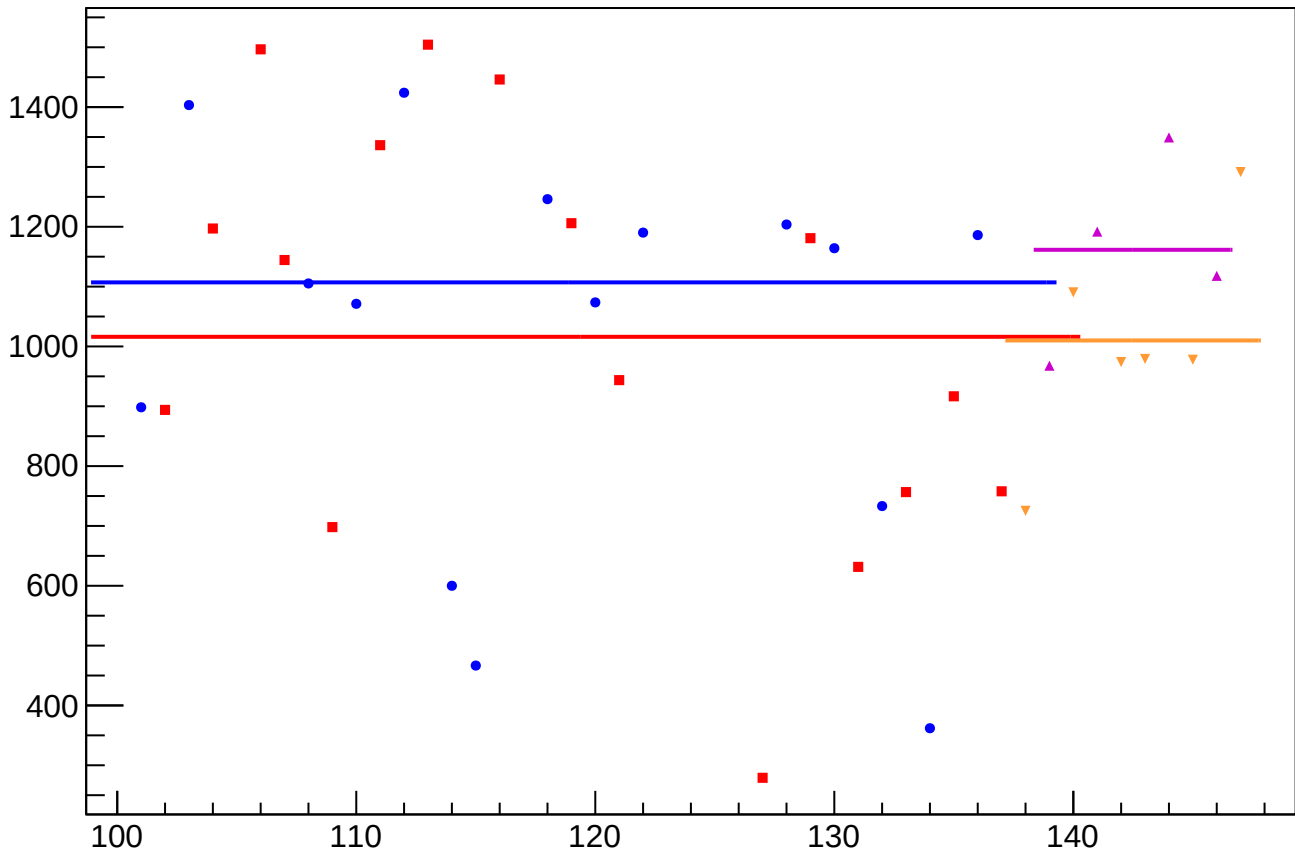
Right In: -50695.424+/-0.000 χ^2/NDF : 226613585253908576683077761132188355526656.0/14
 Left Out: -31886.884+/-0.000 χ^2/NDF : 15068684288996191516496895291452769173504.0/5
 Right Out: -51783.912+/-0.000 χ^2/NDF : 281789617729131996271154198472617478848512.0/15
 Left In: -34726.726+/-0.000 χ^2/NDF : 3596434987501972448352791419030048079872.0/3

dit_sam2_coil4_err_mean vs Slug



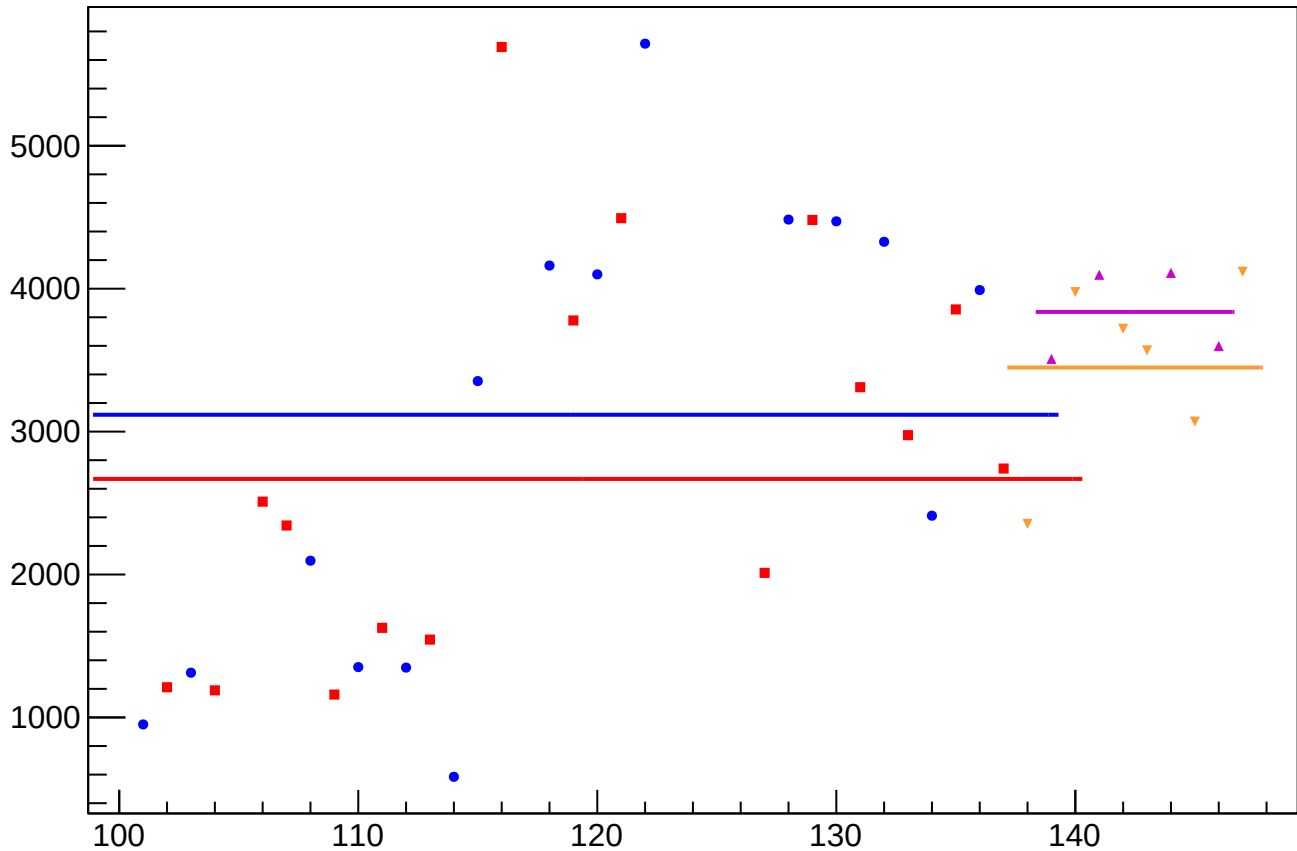
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14
 Left Out: 941.152+/-0.000 χ^2/NDF : 31267965375086310312246901946951139328.0/5
 Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15
 Left In: 928.477+/-0.000 χ^2/NDF : 11807331253980159119620224216593334272.0/3

dit_sam2_coil4_Ndata_mean vs Slug



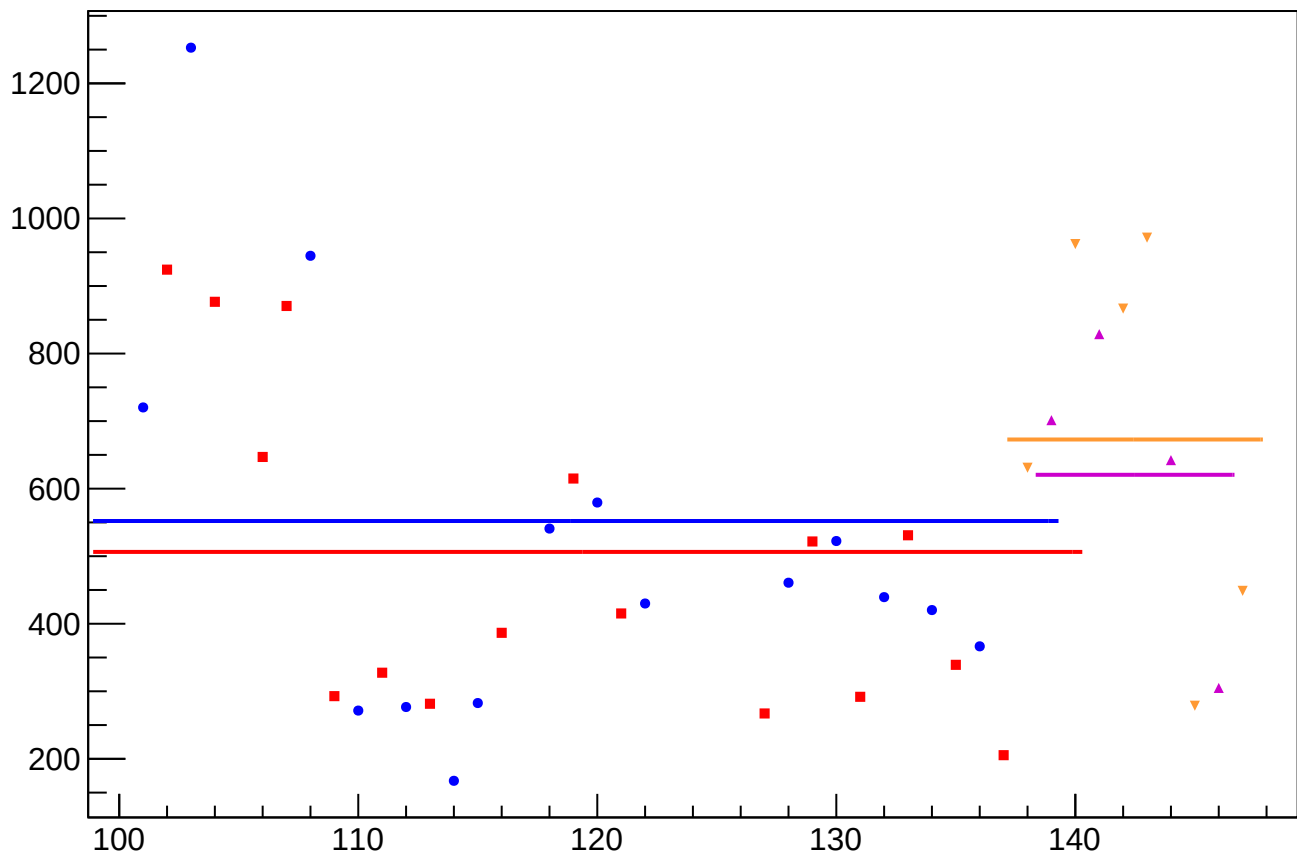
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 +/- 0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1161.518 +/- 0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

dit_sam3_coil4_mean vs Slug



Right In: 3117.914+/-0.000 χ^2/NDF : 1552738593335565674554918493159210090496.0/14
 Left Out: 3448.432+/-0.000 χ^2/NDF : 167150734172516053999975194395548844032.0/5
 Right Out: 2668.794+/-0.000 χ^2/NDF : 1136406286131098596000054422131257114624.0/15
 Left In: 3837.431+/-0.000 χ^2/NDF : 25873351856321392714495506442163847168.0/3

dit_sam3_coil4_err_mean vs Slug



Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 672.775+/-0.000 χ^2/NDF : 31211683193862463039360041190334398464.0/5

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

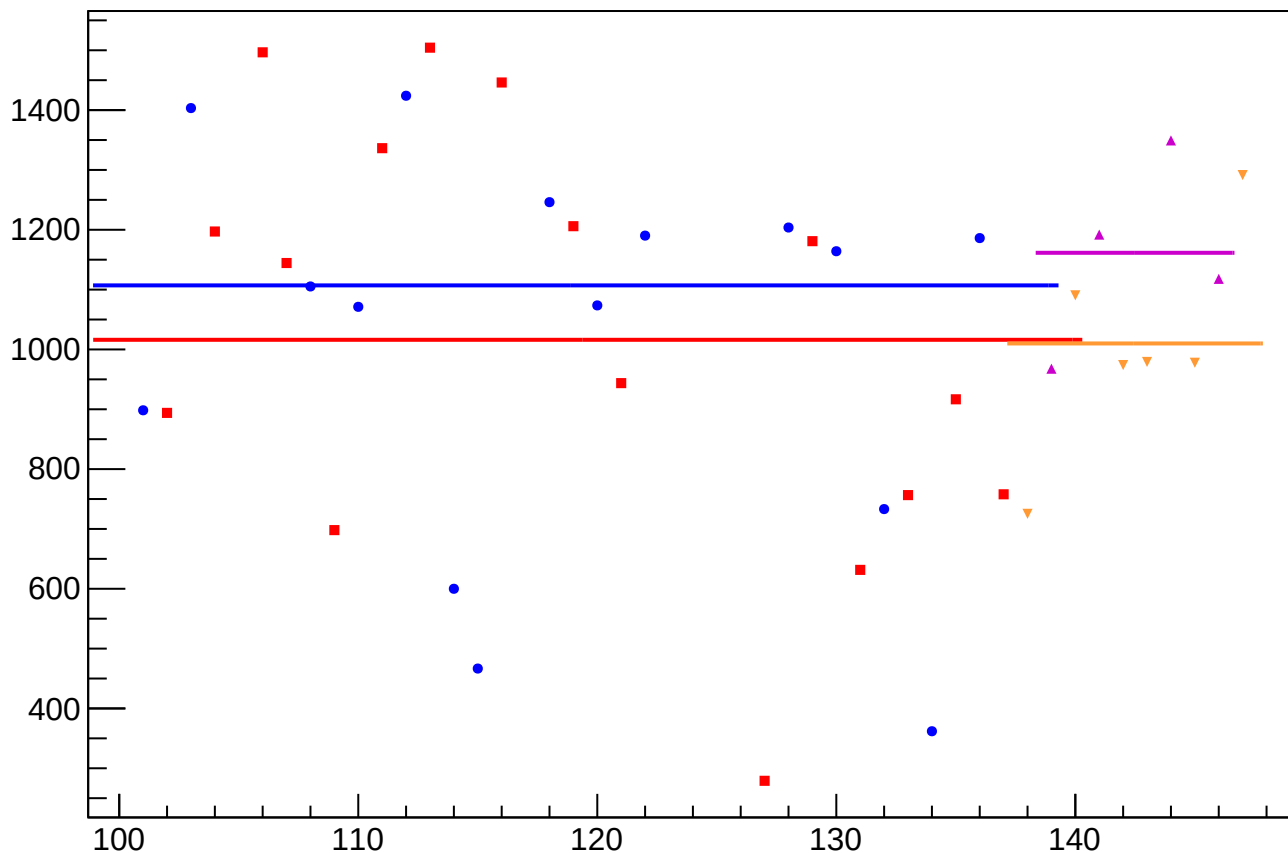
Left In: 620.513+/-0.000 χ^2/NDF : 12521184432797363847055442842730102784.0/3

+ sign 600.330+/-0.000 χ^2/NDF : 857271239264730

All: 573.549+/-0.000 χ^2/NDF : 139963194046

- sign 544.742+/-0.000 χ^2/NDF : 526267499839074

dit_sam3_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

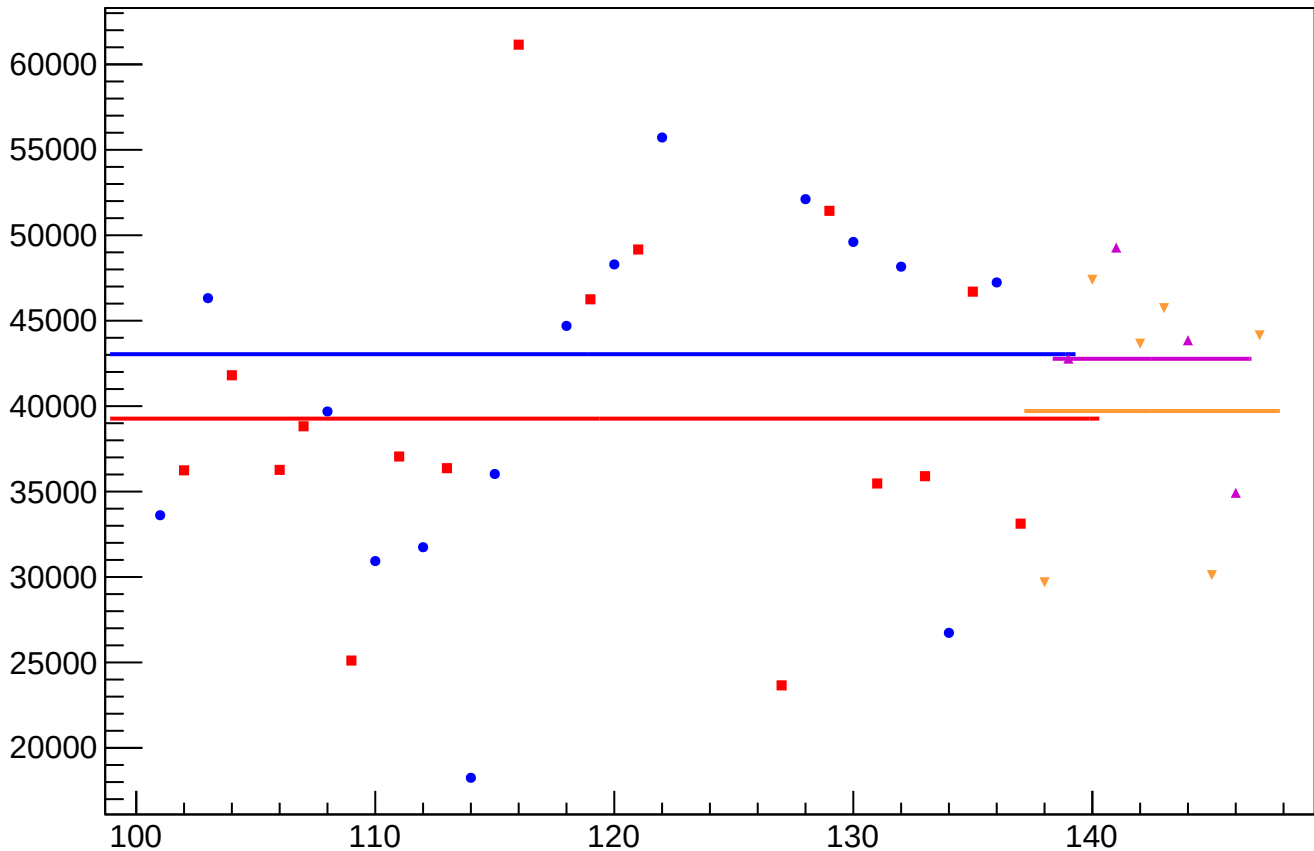
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1068.265+/-0.000 χ^2/NDF : 56315523589353

All: 1066.698+/-0.000 χ^2/NDF : 14004700168

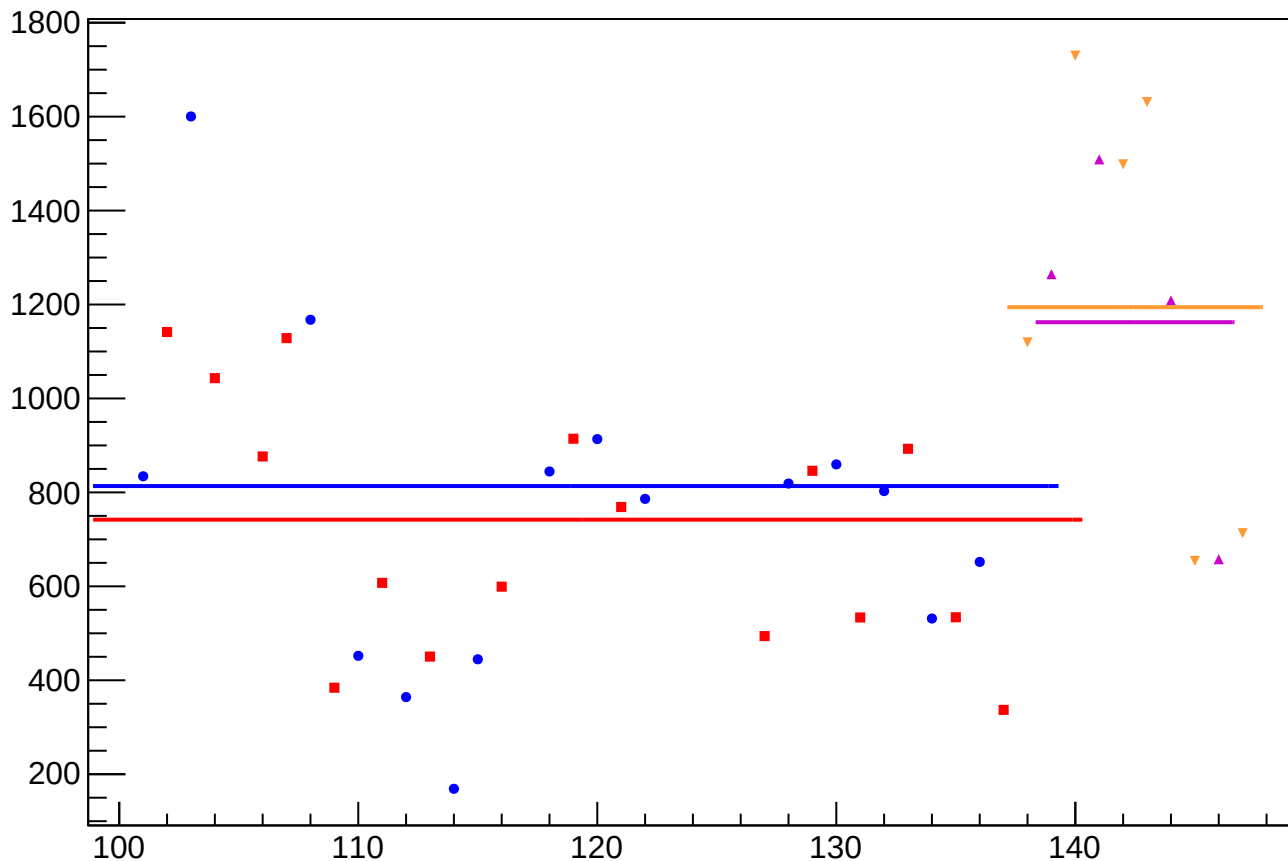
- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

dit_sam4_coil4_mean vs Slug



Right In: 43039.927+/-0.000 χ^2/NDF : 48397052922561722652666786407552179503104.0/14
 Left Out: 39713.591+/-0.000 χ^2/NDF : 24816278147540908994495753239844203003904.0/5
 Right Out: 39269.627+/-0.000 χ^2/NDF : 51873036517757666237545716605051585167360.0/15
 Left In: 42770.121+/-0.000 χ^2/NDF : 8811306817101655518927562434092115951616.0/3

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500 $\pm$ 0.000 χ^2 /NDF: 67120916816548237638948787518351343616.0/14

Left Out: 1194.345 $\pm$ 0.000 χ^2 /NDF: 82690981101209825156978331257239764992.0/5

Right Out: 741.911 $\pm$ 0.000 χ^2 /NDF: 44074134397215409235604746432671645696.0/15

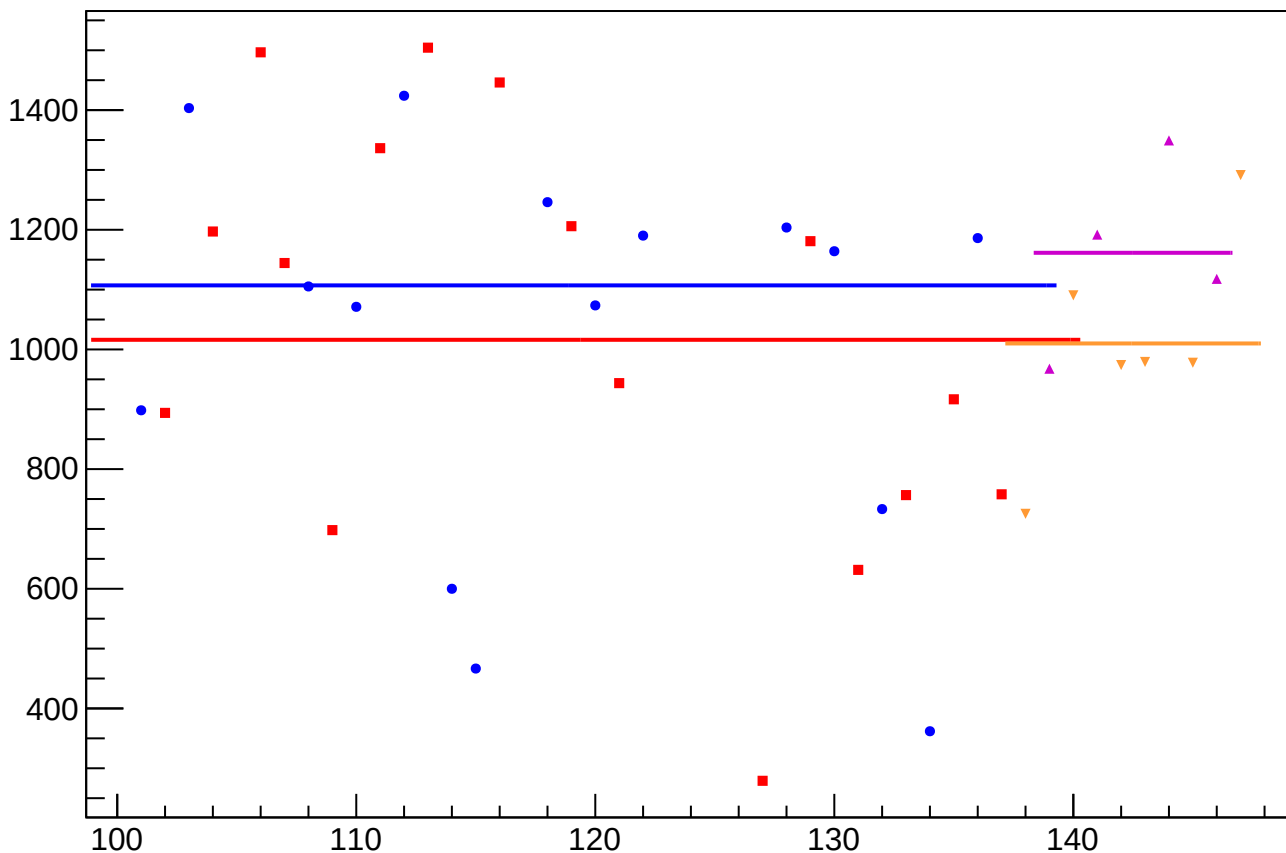
Left In: 1162.349 $\pm$ 0.000 χ^2 /NDF: 32384876060375723539784401467700412416.0/3

+ sign 965.697 $\pm$ 0.000 χ^2 /NDF: 187430220208278

All: 926.006 $\pm$ 0.000 χ^2 /NDF: 30707759626

- sign 883.312 $\pm$ 0.000 χ^2 /NDF: 116112490378403

dit_sam4_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

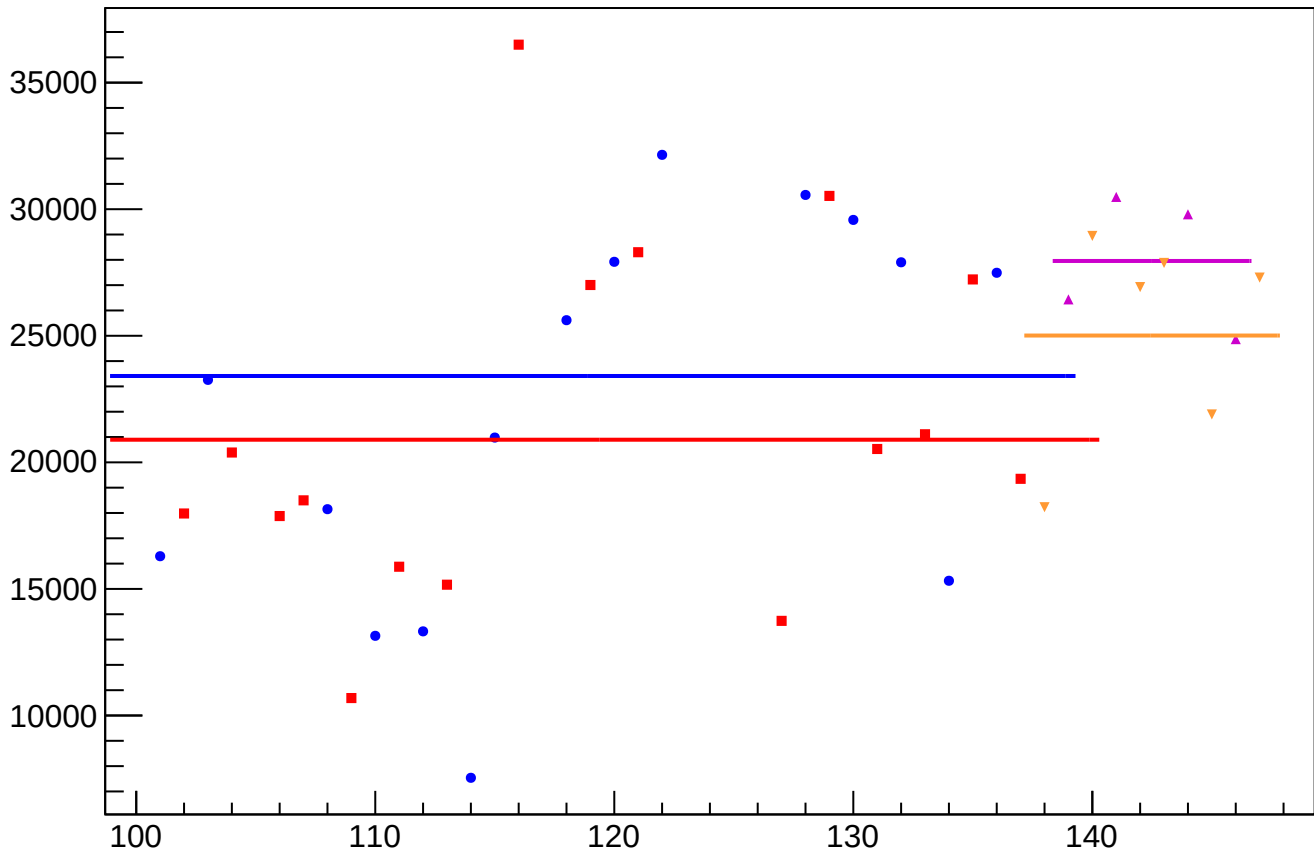
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1068.265+/-0.000 χ^2/NDF : 56315523589353

All: 1066.698+/-0.000 χ^2/NDF : 14004700168

- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

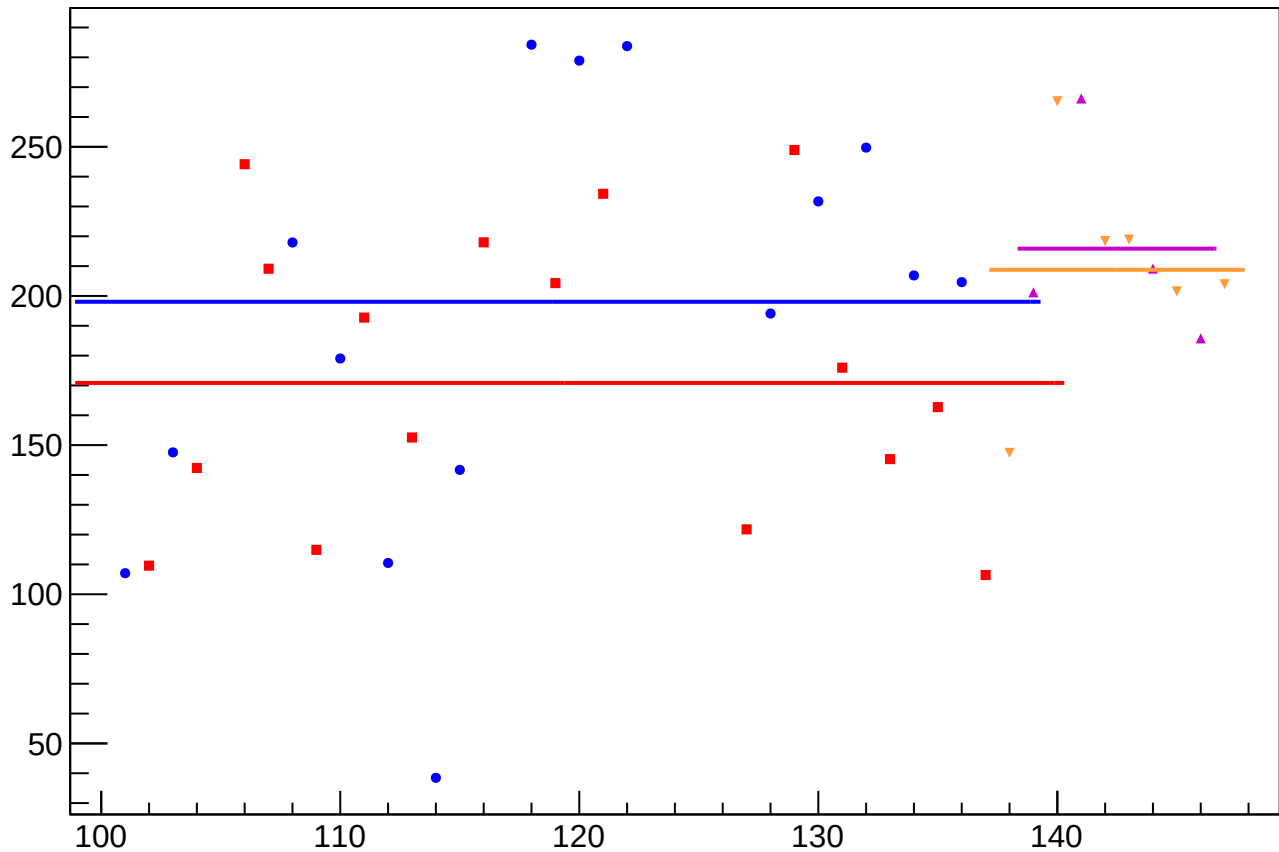
dit_sam5_coil4_mean vs Slug



Right In: 23411.506+/-0.000	χ^2/NDF : 28427457471780319352885746571315708428288.0/14
Left Out: 25009.510+/-0.000	χ^2/NDF : 6773068422964743905654849654641022468096.0/5
Right Out: 20894.122+/-0.000	χ^2/NDF : 27408965804578649107002909409987218374656.0/15
Left In: 27955.077+/-0.000	χ^2/NDF : 1824157610508329779447966107484668559360.0/3

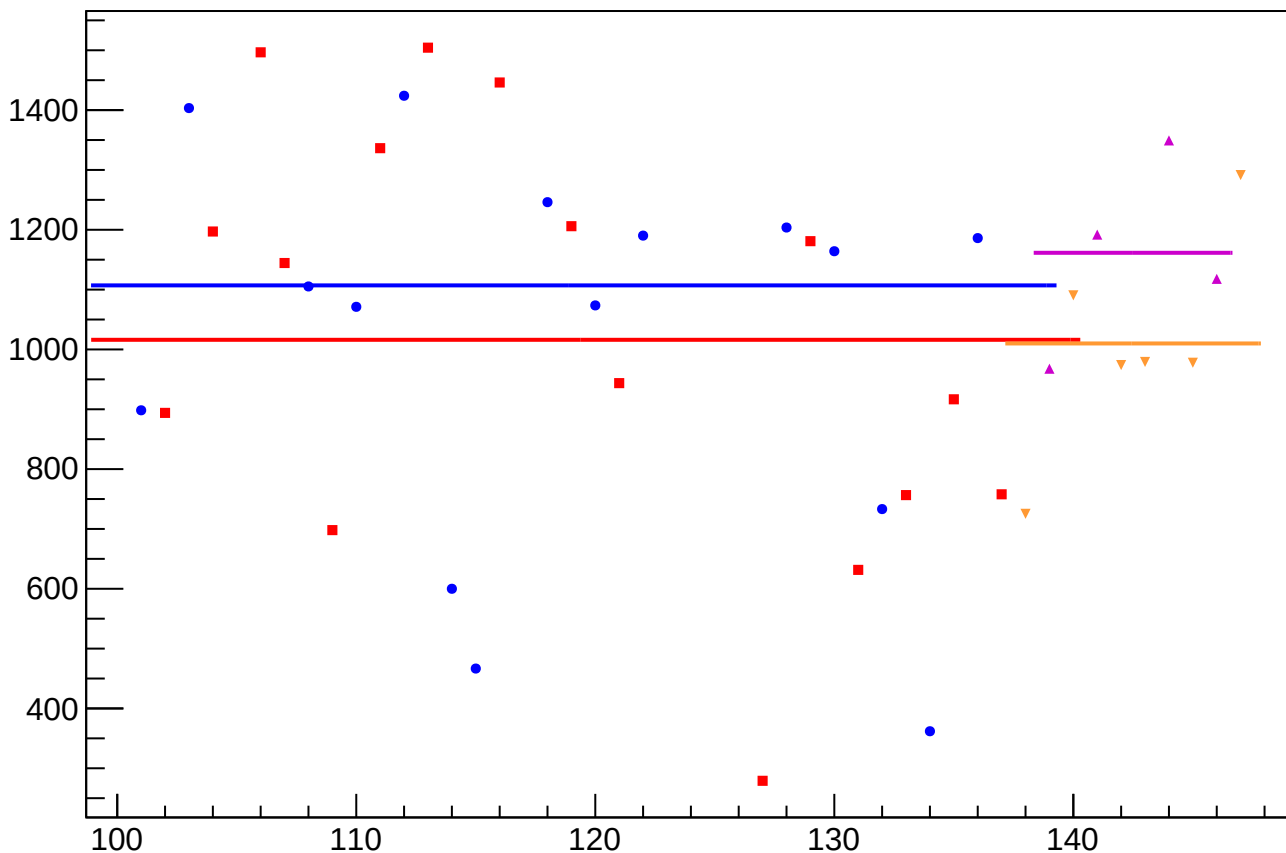
+ sign 24050.117+/-0.000 χ^2/NDF : 3586283150285
 All: 23673.716+/-0.000 χ^2/NDF : 7659800423
 - sign 23268.851+/-0.000 χ^2/NDF : 4041728432305

dit_sam5_coil4_err_mean vs Slug



Right In: 198.056 ± 0.000 χ^2/NDF : 2482928792293864415922382990034862080.0/14
 Left Out: 208.775 ± 0.000 χ^2/NDF : 572714502488381078083210689202094080.0/5
 Right Out: 170.851 ± 0.000 χ^2/NDF : 1418314816915016425155520631536615424.0/15
 Left In: 215.869 ± 0.000 χ^2/NDF : 311774208668339357728529264846831616.0/3

dit_sam5_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14

Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5

Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15

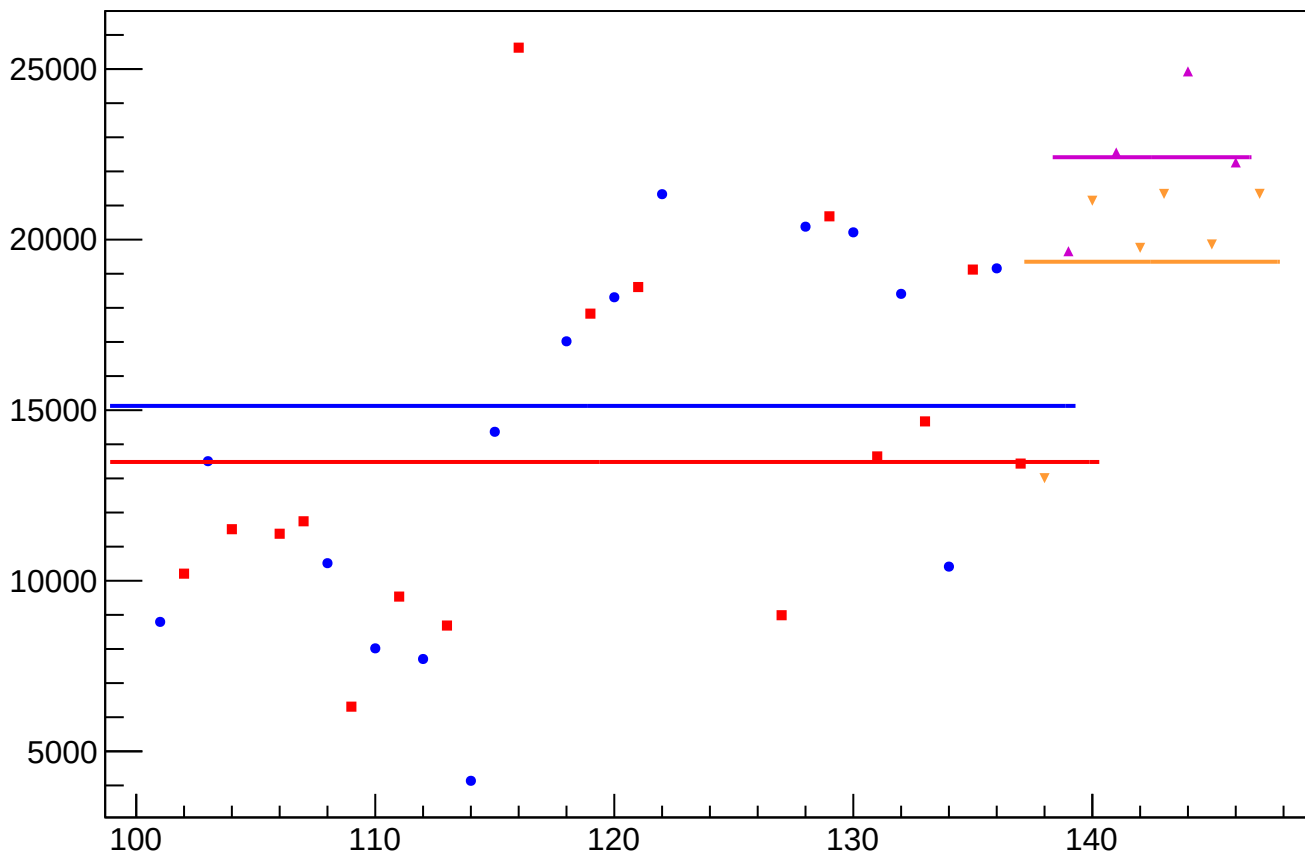
Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

+ sign 1068.265+/-0.000 χ^2/NDF : 56315523589353

All: 1066.698+/-0.000 χ^2/NDF : 14004700168

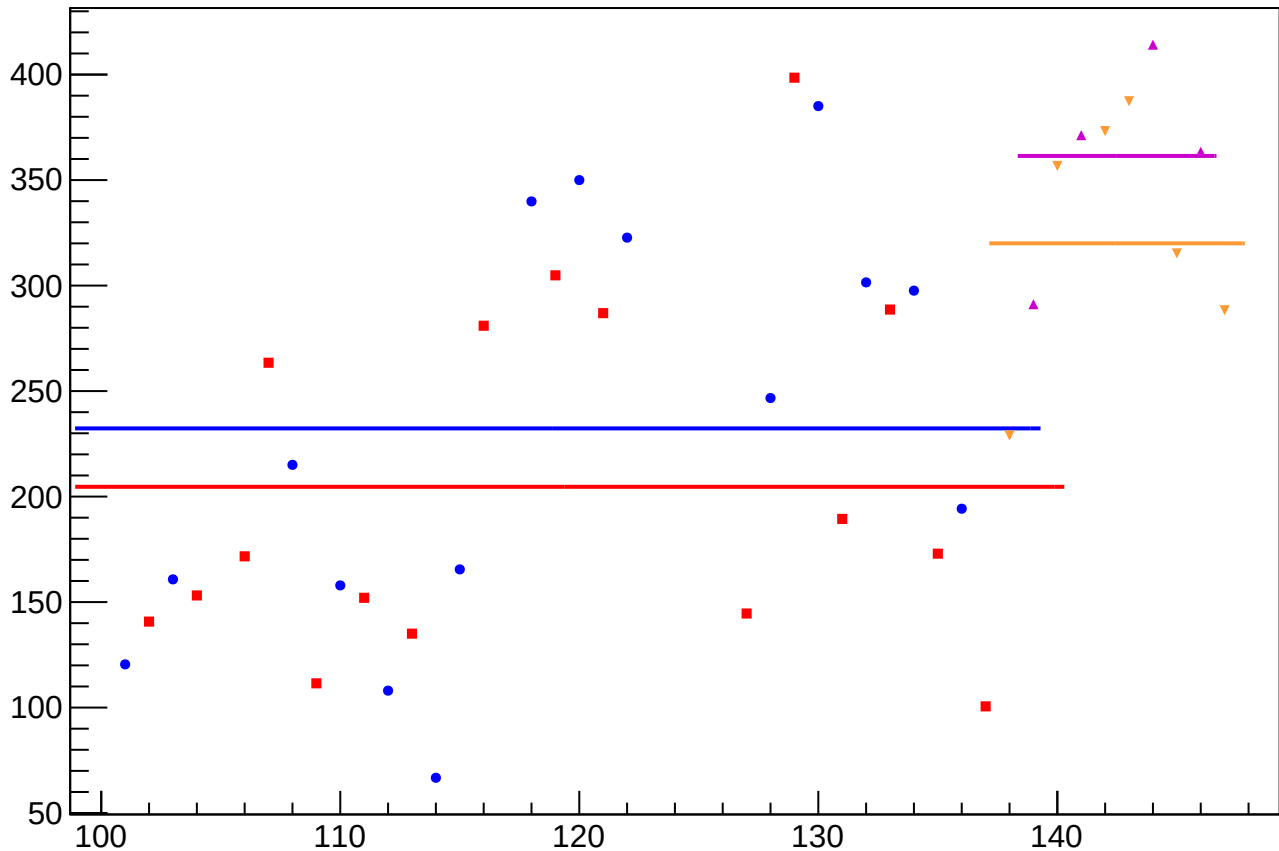
- sign 1065.011+/-0.000 χ^2/NDF : 83725961652528

dit_sam6_coil4_mean vs Slug



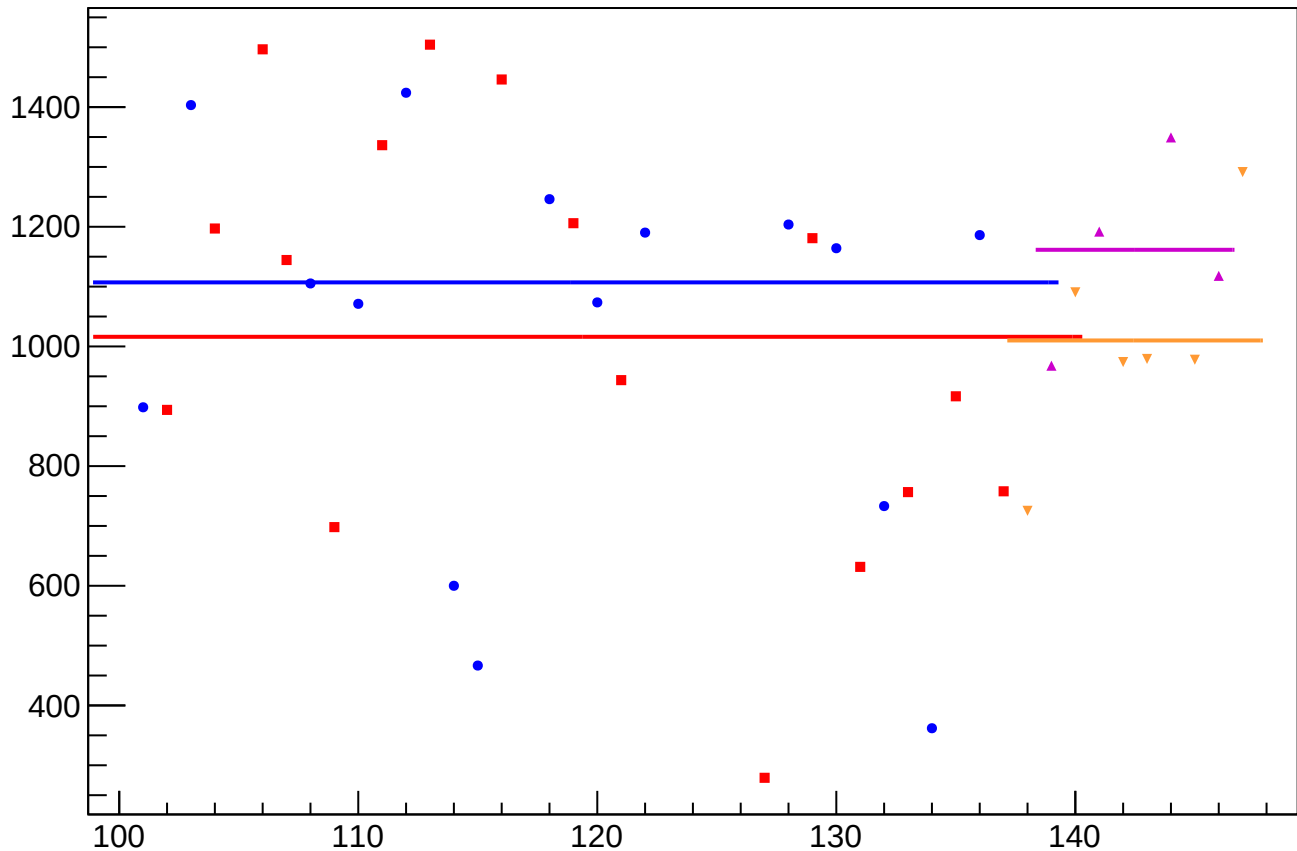
Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 19351.679+/-0.000 χ^2/NDF : 4004561642979184799490915989093986861056.0/5
 Right Out: 13482.244+/-0.000 χ^2/NDF : 159104264754078252502248749810022088704.0/15
 Left In: 22415.714+/-0.000 χ^2/NDF : 1182079822032937130190759591766583672832.0/3

dit_sam6_coil4_err_mean vs Slug



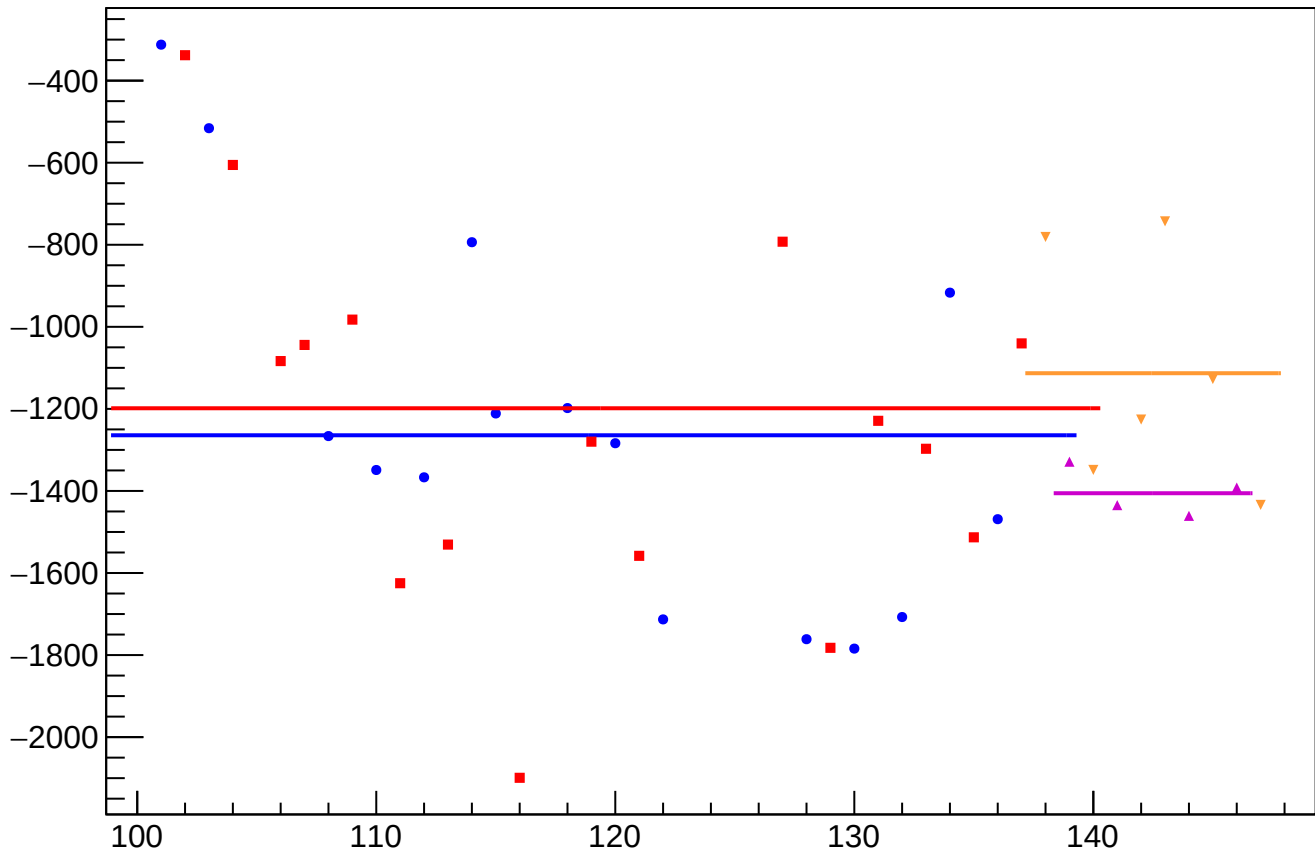
Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14
 Left Out: 320.020+/-0.000 χ^2/NDF : 1271420744221737780461936561008672768.0/5
 Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15
 Left In: 361.450+/-0.000 χ^2/NDF : 655933305032403893757929914565132288.0/3

dit_sam6_coil4_Ndata_mean vs Slug



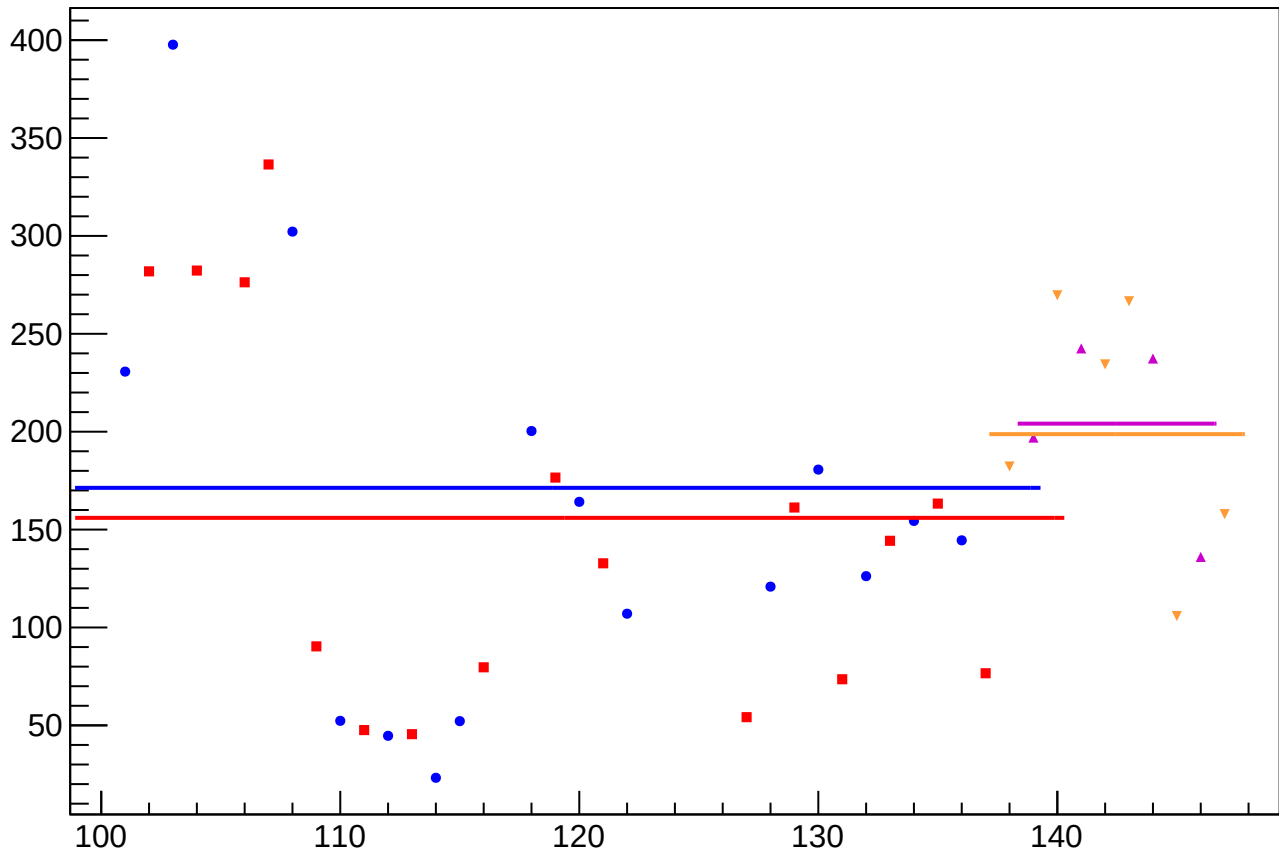
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 $\pm$ 0.000 χ^2 /NDF: 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1161.518 $\pm$ 0.000 χ^2 /NDF: 6415082275187532229804308665552863232.0/3

dit_sam7_coil4_mean vs Slug



Right In: -1264.303+/-0.000 χ^2/NDF : 140215251538502657549173994543931981824.0/14
 Left Out: -1113.071+/-0.000 χ^2/NDF : 30970268891614382645525761371087568896.0/5
 Right Out: -1198.483+/-0.000 χ^2/NDF : 131164763898016793515492217696167133184.0/15
 Left In: -1405.554+/-0.000 χ^2/NDF : 836270200890965406993422799639412736.0/3

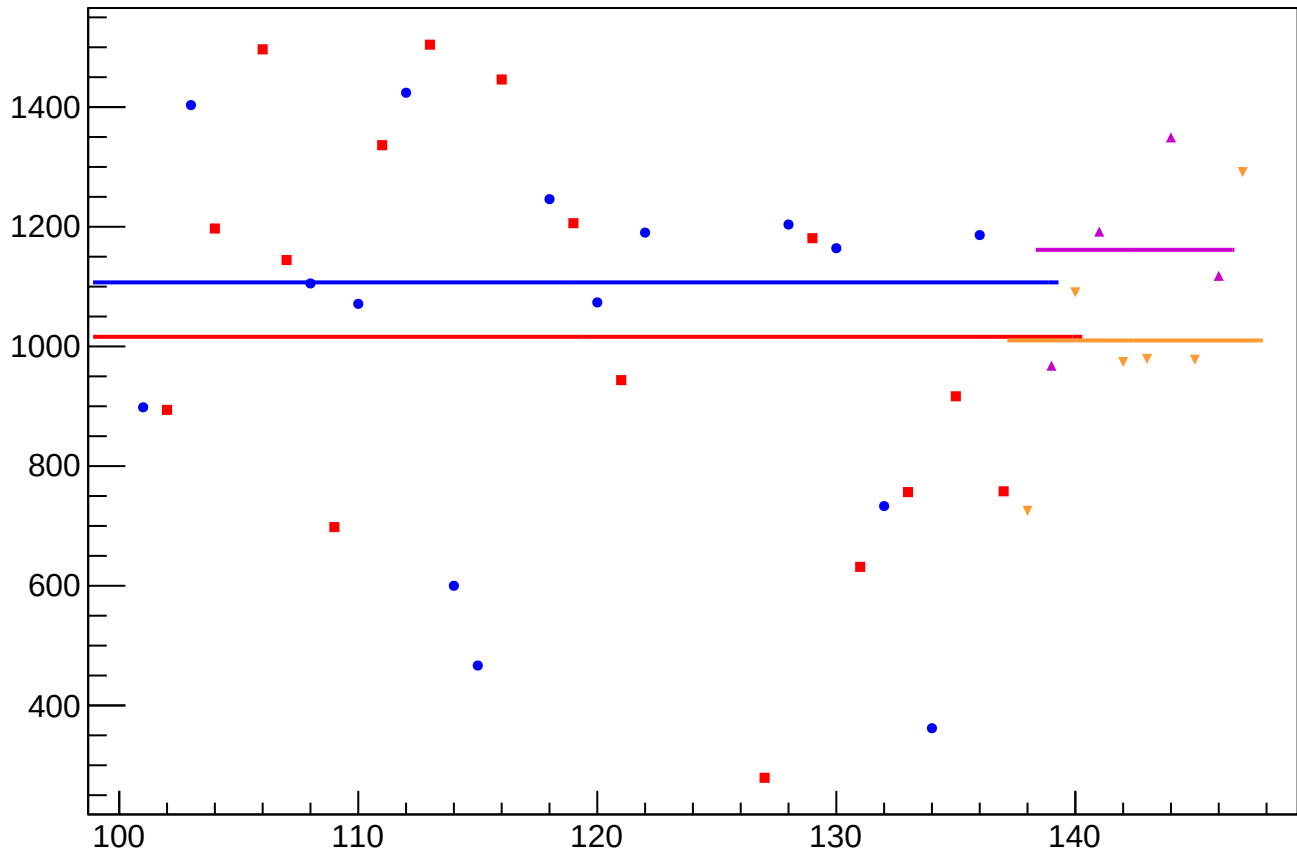
dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000	χ^2/NDF : 6120975075187305509795143064993398784.0/14
Left Out: 198.752+/-0.000	χ^2/NDF : 1630184635589560478366616611215900672.0/5
Right Out: 155.993+/-0.000	χ^2/NDF : 5680659281504595852021524727244783616.0/15
Left In: 204.110+/-0.000	χ^2/NDF : 612559629162861688075892968579399680.0/3

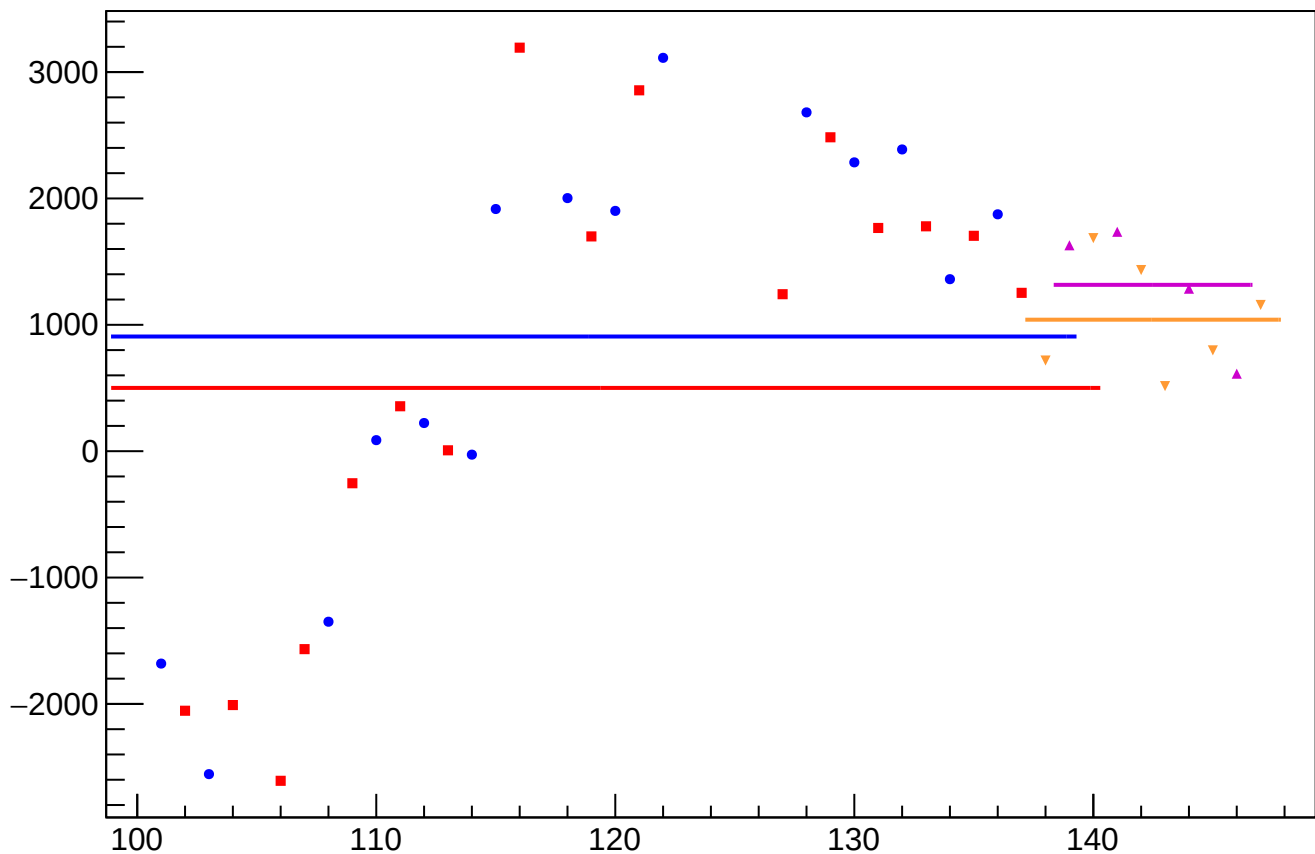
+ sign 182.284+/-0.000 χ^2/NDF : 794629029923248
 All: 177.414+/-0.000 χ^2/NDF : 14812075209
 - sign 172.176+/-0.000 χ^2/NDF : 681257107805004

dit_sam7_coil4_Ndata_mean vs Slug



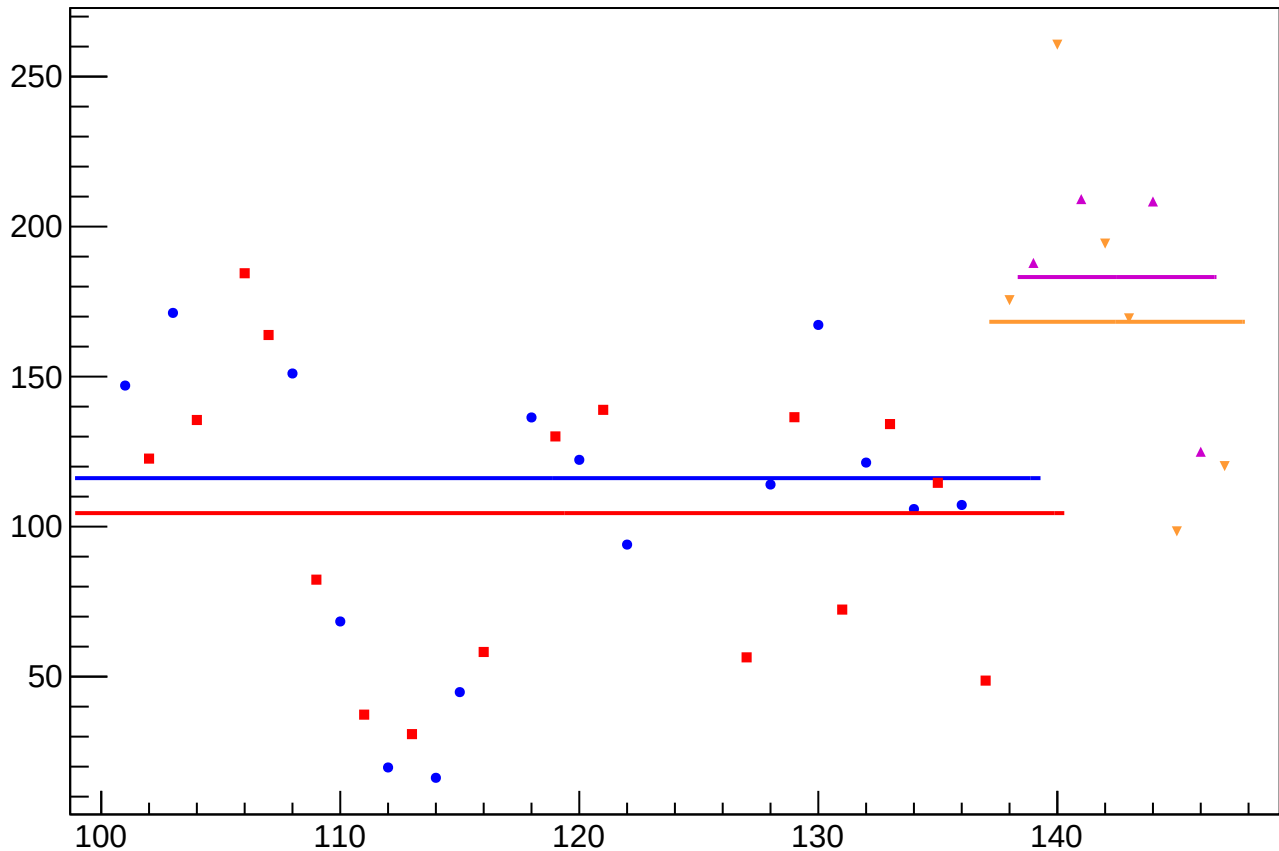
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 $\pm$ 0.000 χ^2 /NDF: 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1161.518 $\pm$ 0.000 χ^2 /NDF: 6415082275187532229804308665552863232.0/3

dit_sam8_coil4_mean vs Slug



Right In: 907.442 $\pm$ 0.000 χ^2 /NDF: 2107238007691848638499662178406566461440.0/14
 Left Out: 1040.579 $\pm$ 0.000 χ^2 /NDF: 73752747969769883324346041931871027200.0/5
 Right Out: 500.689 $\pm$ 0.000 χ^2 /NDF: 2074232918749953174436803426379074895872.0/15
 Left In: 1316.308 $\pm$ 0.000 χ^2 /NDF: 64028096934179540527056644067947446272.0/3

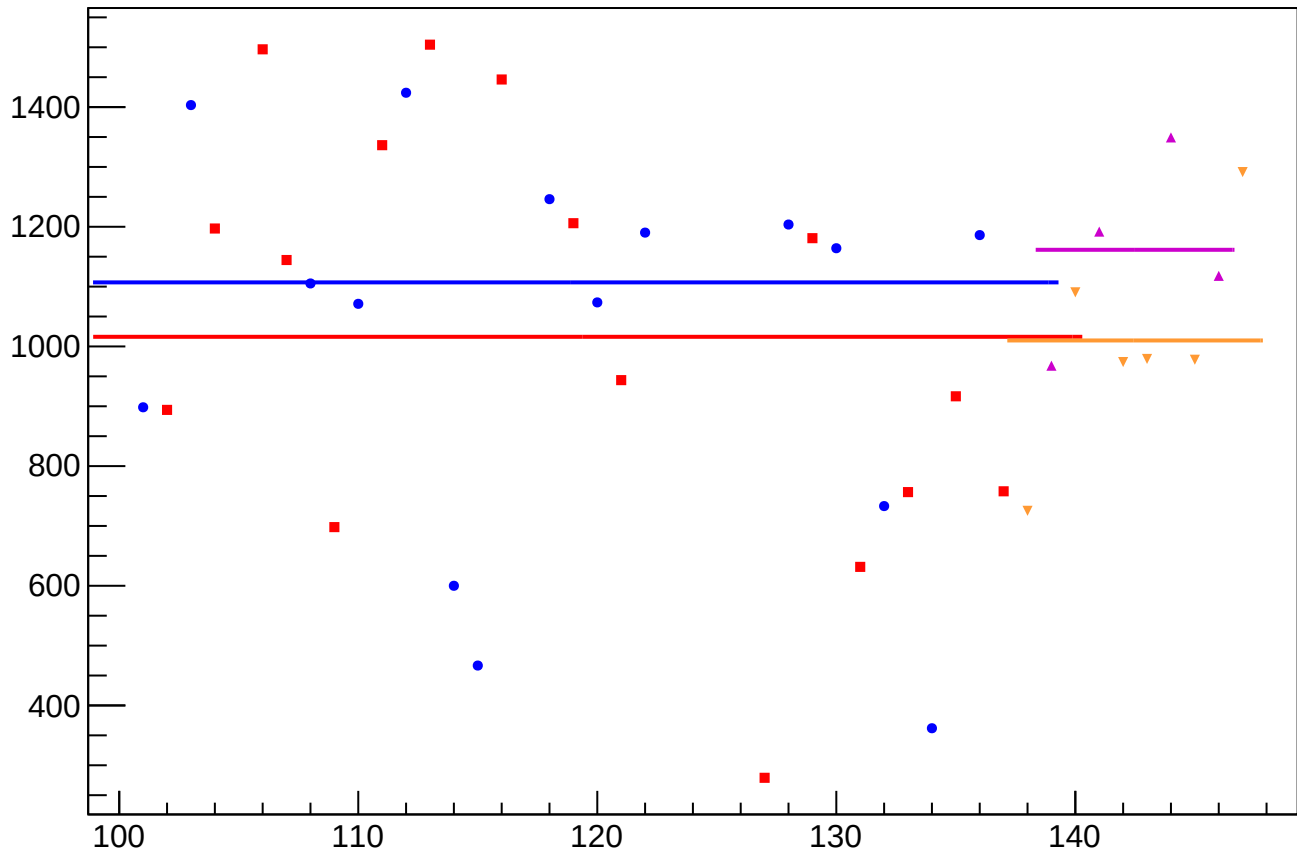
dit_sam8_coil4_err_mean vs Slug



Right In: 116.159+/-0.000	χ^2/NDF : 1198526427485199785396504127288115200.0/14
Left Out: 168.274+/-0.000	χ^2/NDF : 1310774752530049797448329740001738752.0/5
Right Out: 104.501+/-0.000	χ^2/NDF : 1285986383644058507445602420764180480.0/15
Left In: 183.187+/-0.000	χ^2/NDF : 397071009319947409549508739457875968.0/3

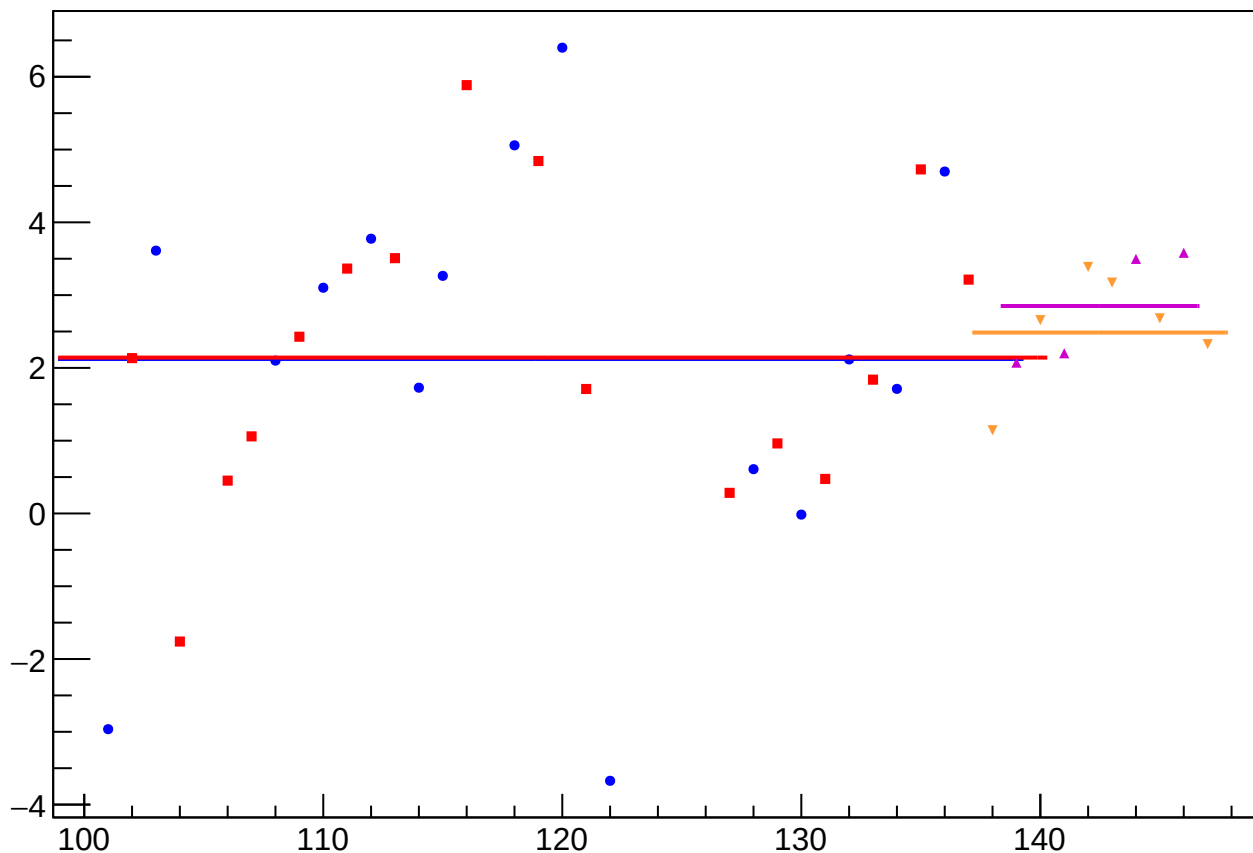
+ sign 136.986+/-0.000 χ^2/NDF : 321370297181927
 All: 134.085+/-0.000 χ^2/NDF : 630455977110
 - sign 130.964+/-0.000 χ^2/NDF : 307197320556019

dit_sam8_coil4_Ndata_mean vs Slug



Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1161.518+/-0.000 χ^2/NDF : 6415082275187532229804308665552863232.0/3

dit_4aX_coil6_mean vs Slug



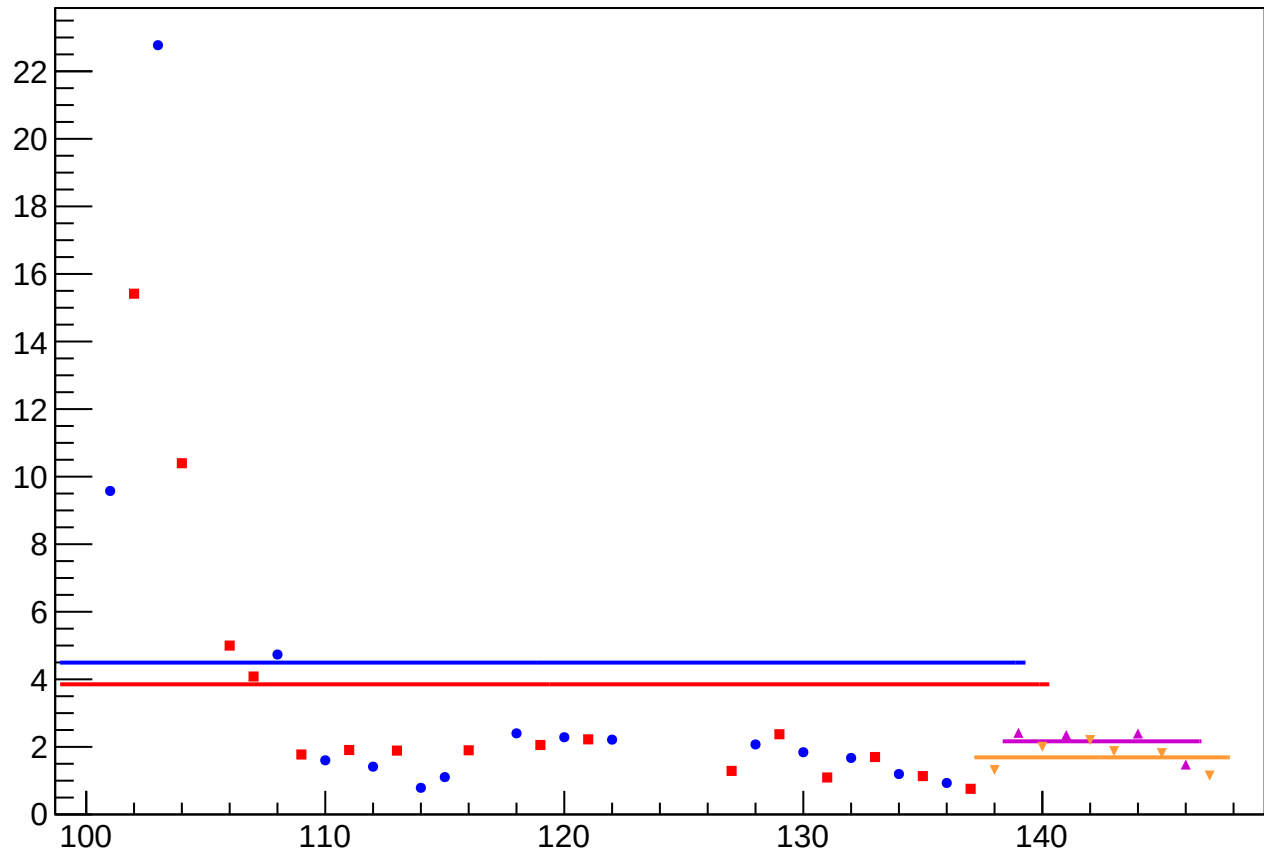
Right In: 2.123+/-0.000 χ^2/NDF : 5263705922821075971022013849403392.0/14

Left Out: 2.486+/-0.000 χ^2/NDF : 216957819980696310836924981968896.0/5

Right Out: 2.142+/-0.000 χ^2/NDF : 2472949940993672466161692257026048.0/15

Left In: 2.851+/-0.000 χ^2/NDF : 166564123106417714716836941004800.0/3

dit_4aX_coil6_err_mean vs Slug



Right In: 4.495 ± 0.000 χ^2/NDF : 25270242219816061532329198634401792.0/14

Left Out: 1.690 ± 0.000 χ^2/NDF : 57222433112929012432819655278592.0/5

Right Out: 3.852 ± 0.000 χ^2/NDF : 12314971476556806550518847638601728.0/15

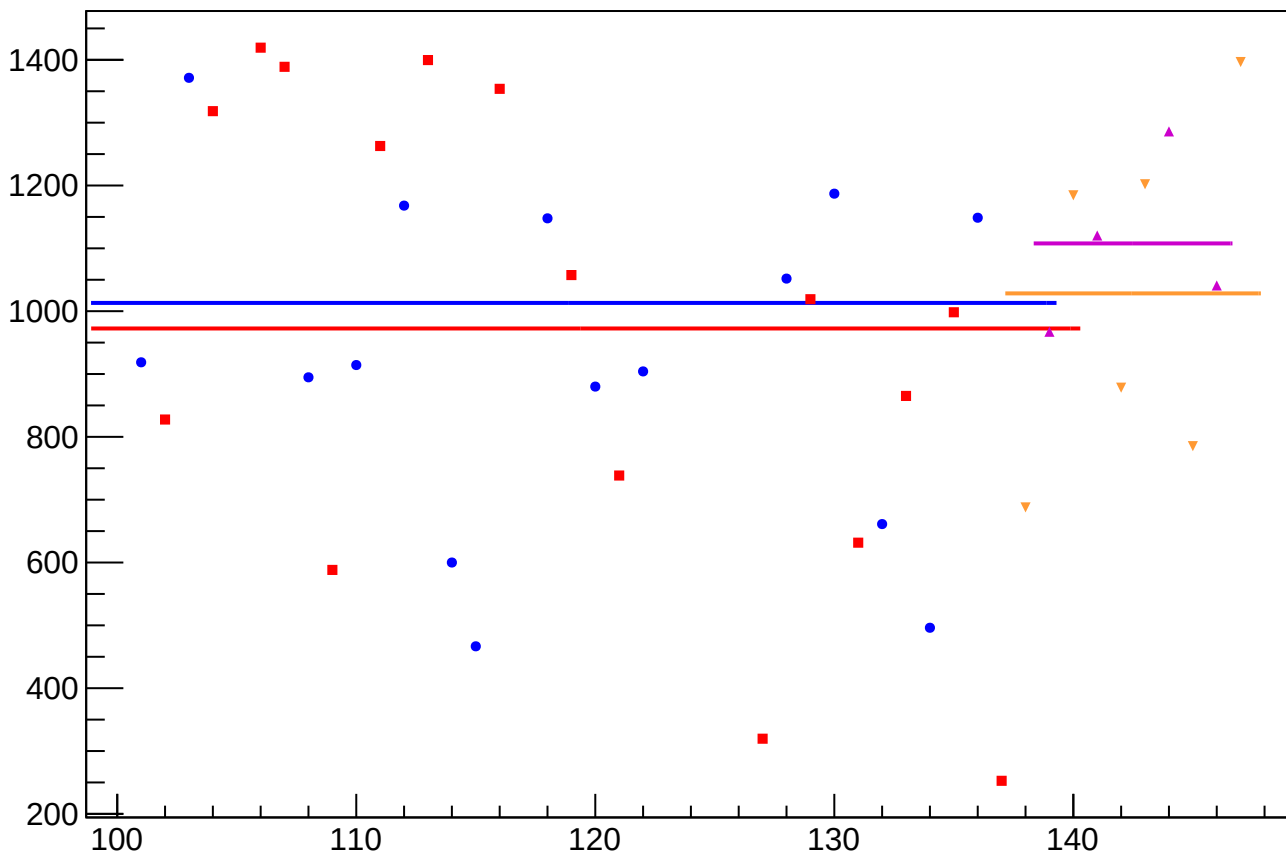
Left In: 2.165 ± 0.000 χ^2/NDF : 52078447144287766232311625940992.0/3

+ sign 3.374 ± 0.000 χ^2/NDF : 27367620817891779

All: 3.331 ± 0.000 χ^2/NDF : 40377399189293.0/10

- sign 3.285 ± 0.000 χ^2/NDF : 13005620356104900

dit_4aX_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1028.301 $\pm$ 0.000 χ^2 /NDF: 29465975459740600207856017891951378432.0/5

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

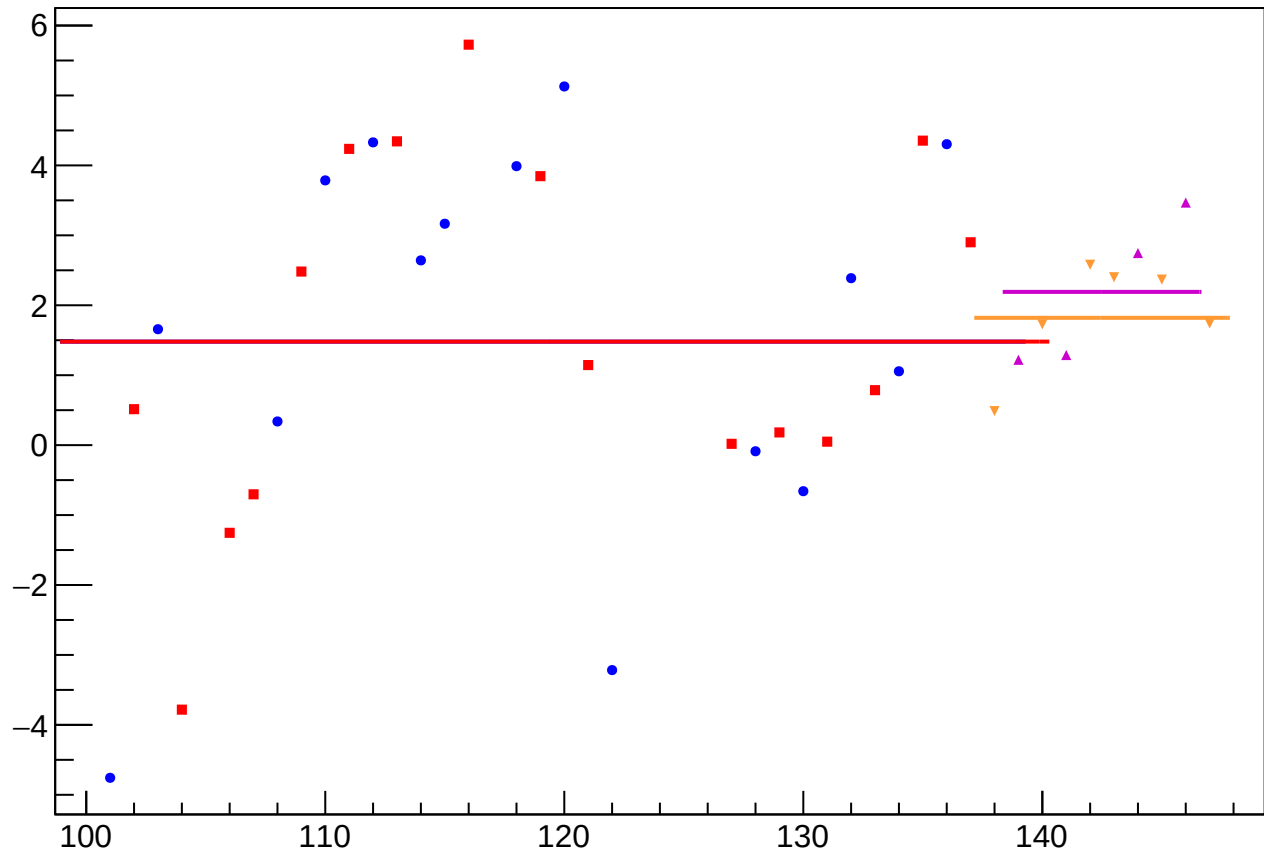
Left In: 1107.820 $\pm$ 0.000 χ^2 /NDF: 4814649577307381267656377641960734720.0/3

+ sign 1019.203 $\pm$ 0.000 χ^2 /NDF: 61246811028389

All: 1018.617 $\pm$ 0.000 χ^2 /NDF: 14905651421

- sign 1017.987 $\pm$ 0.000 χ^2 /NDF: 87808933696767

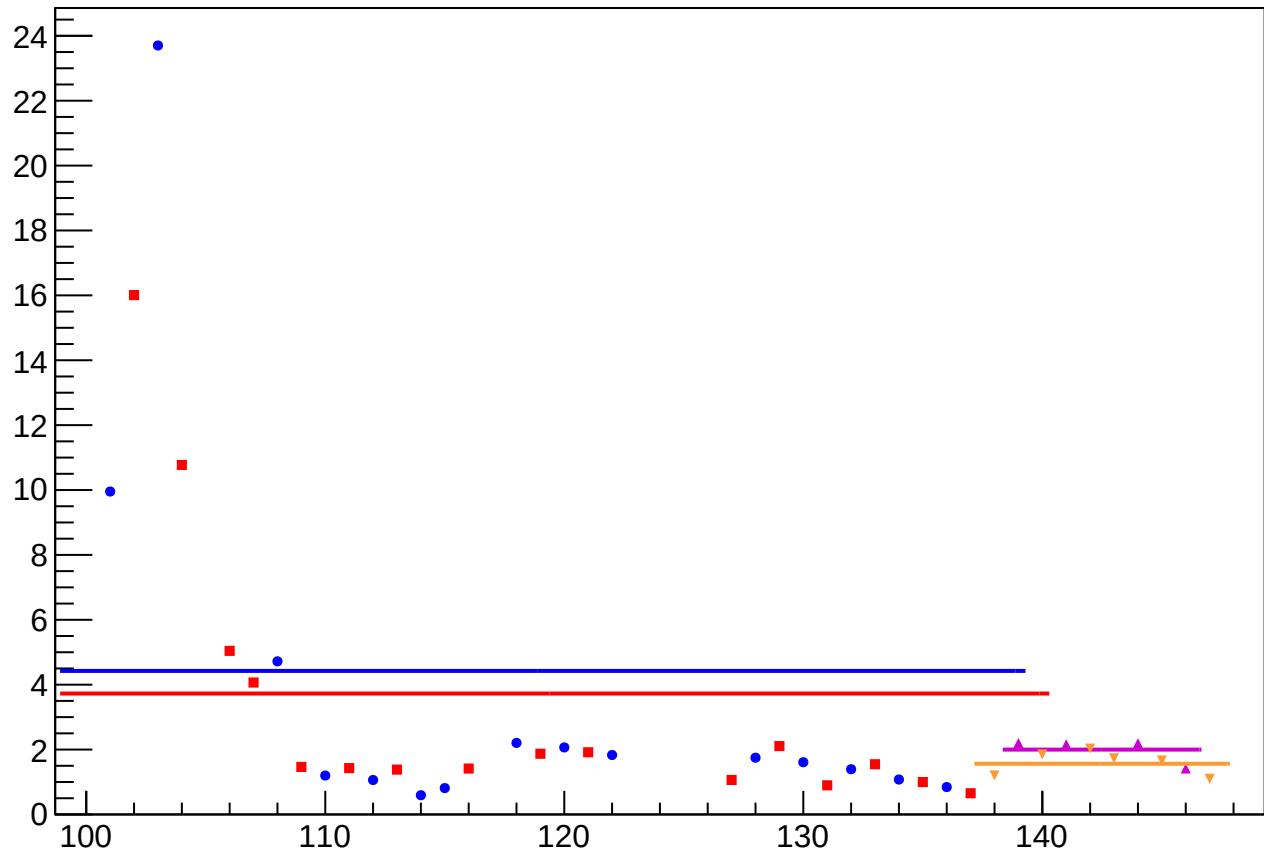
dit_4eX_coil6_mean vs Slug



Right In: 1.480 $\pm$ 0.000 χ^2 /NDF: 5799670695902784459055767987683328.0/14
 Left Out: 1.821 $\pm$ 0.000 χ^2 /NDF: 213278527427417478640606042390528.0/5
 Right Out: 1.480 $\pm$ 0.000 χ^2 /NDF: 4092645800613765572662987820367872.0/15
 Left In: 2.191 $\pm$ 0.000 χ^2 /NDF: 308441485929261855889360831905792.0/3

+ sign 1.616 $\pm$ 0.000 χ^2 /NDF: 60430641075509294
 All: 1.666 $\pm$ 0.000 χ^2 /NDF: 10563174416107
 - sign 1.719 $\pm$ 0.000 χ^2 /NDF: 45145555005664301

dit_4eX_coil6_err_mean vs Slug



Right In: 4.424 ± 0.000 χ^2/NDF : 28257459272876210608839830473277440.0/14

Left Out: 1.563 ± 0.000 χ^2/NDF : 46328220536029425674847829098496.0/5

Right Out: 3.727 ± 0.000 χ^2/NDF : 13991816814749842519794284853460992.0/15

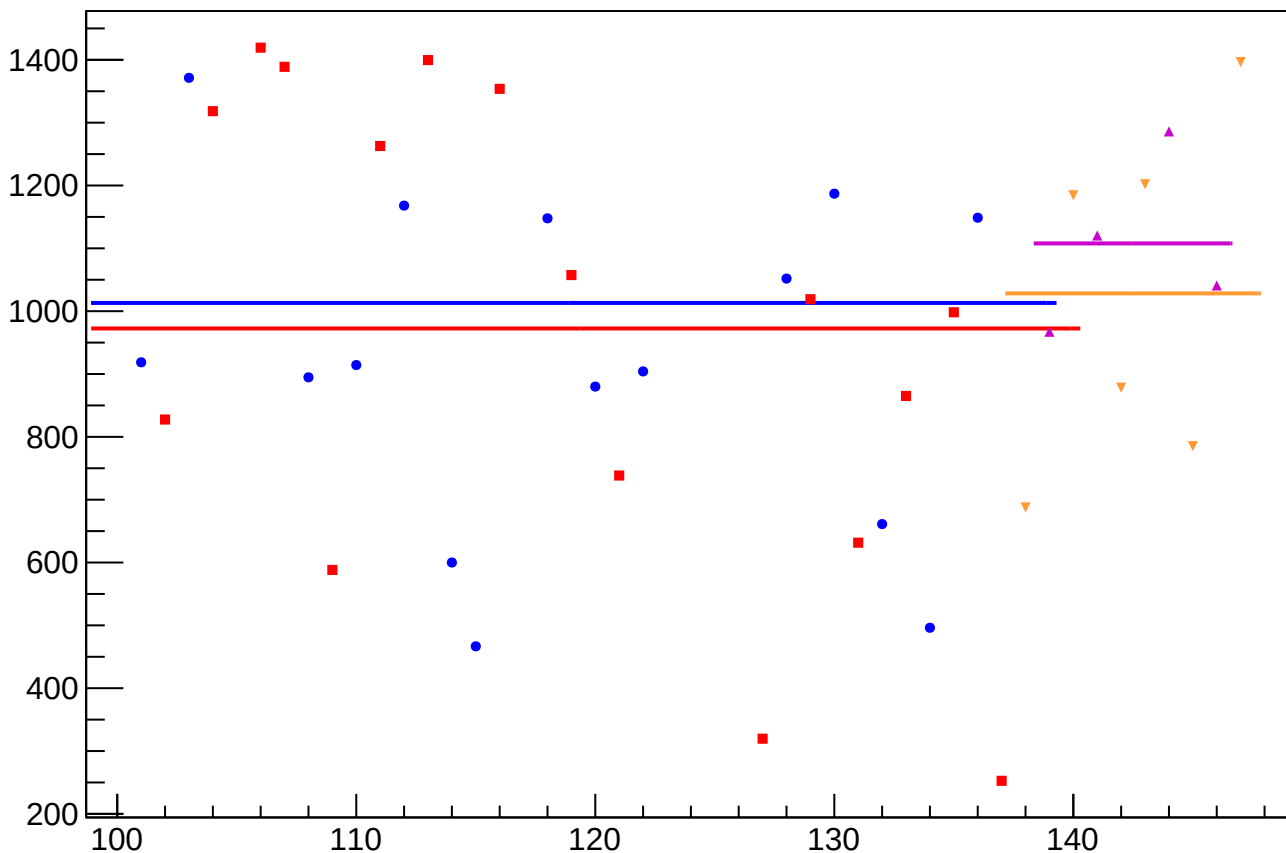
Left In: 1.999 ± 0.000 χ^2/NDF : 37286574114719457774632358117376.0/3

+ sign 3.281 ± 0.000 χ^2/NDF : 30427729966327652

All: 3.216 ± 0.000 χ^2/NDF : 45136257233128

- sign 3.146 ± 0.000 χ^2/NDF : 14699036636287337

dit_4eX_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000 χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

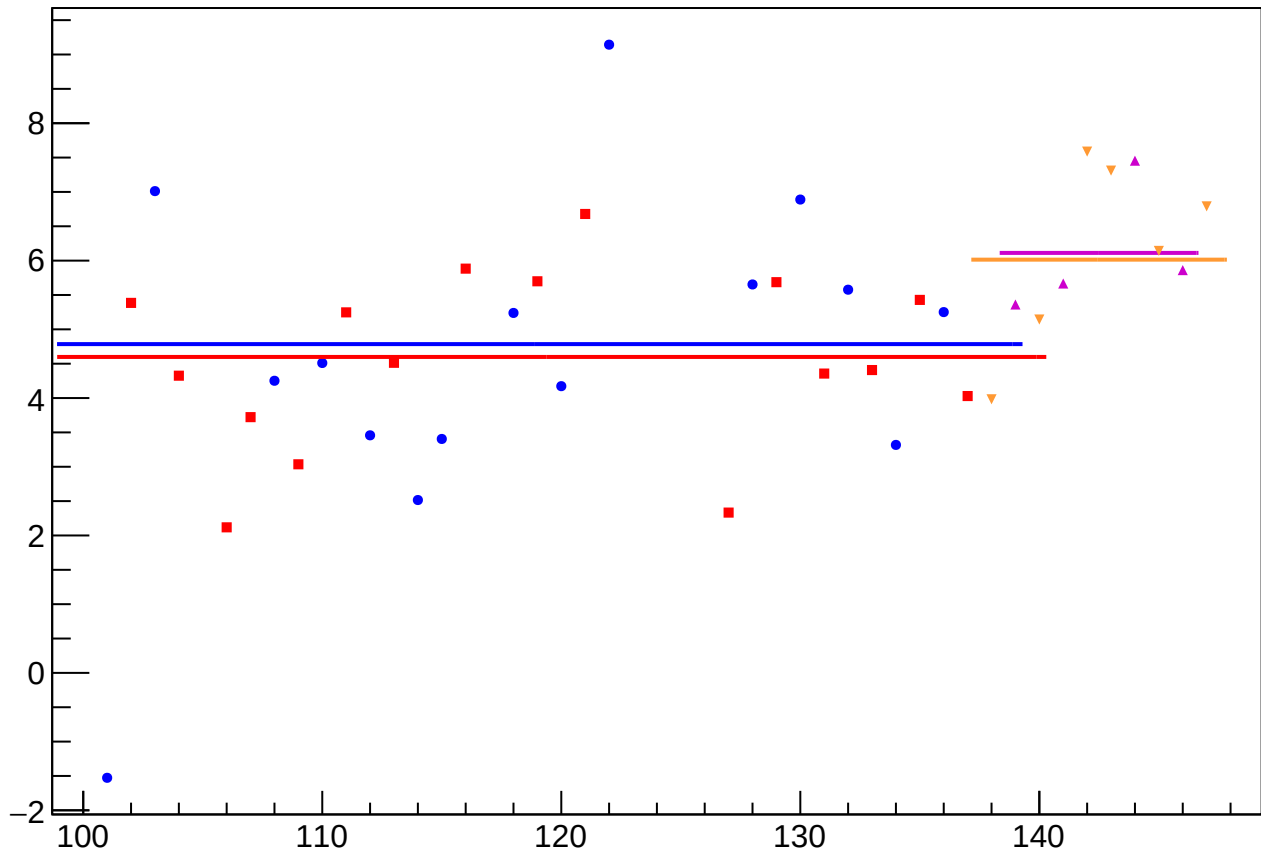
Left In: 1107.820+/-0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389

All: 1018.617+/-0.000 χ^2/NDF : 14905651421

- sign 1017.987+/-0.000 χ^2/NDF : 87808933696767

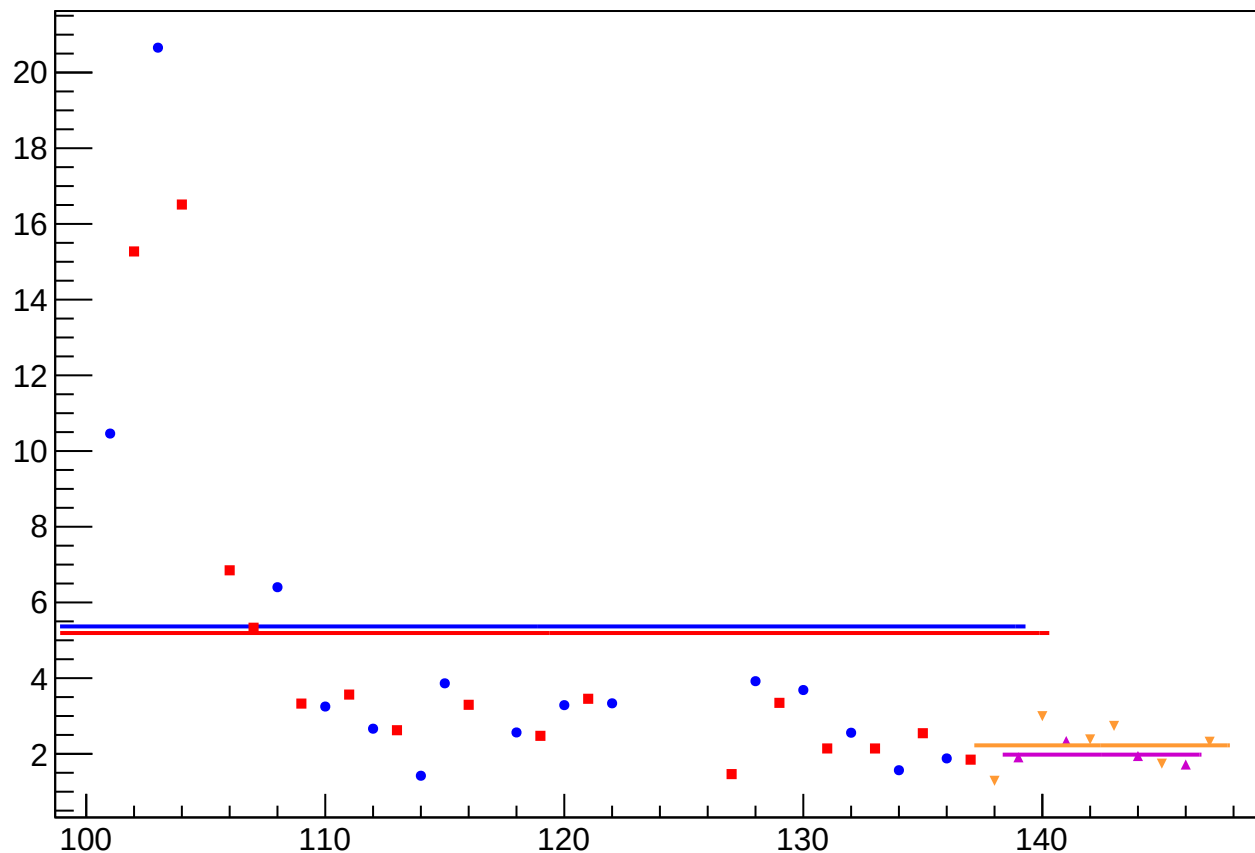
dit_11X12X_coil6_mean vs Slug



Right In: 4.785+/-0.000 χ^2/NDF : 3996556073154779711808159470321664.0/14
 Left Out: 6.014+/-0.000 χ^2/NDF : 658879140486778840190932083539968.0/5
 Right Out: 4.598+/-0.000 χ^2/NDF : 989607156792948633247632779640832.0/15
 Left In: 6.112+/-0.000 χ^2/NDF : 228101685531198080619626069229568.0/3

+ sign 5.276+/-0.000 χ^2/NDF : 50472869285551810
 All: 5.195+/-0.000 χ^2/NDF : 6794104909858
 - sign 5.108+/-0.000 χ^2/NDF : 17319855802709617

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366+/-0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.225+/-0.000 χ^2/NDF : 155582797766413171052125121150976.0/5

Right Out: 5.192+/-0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

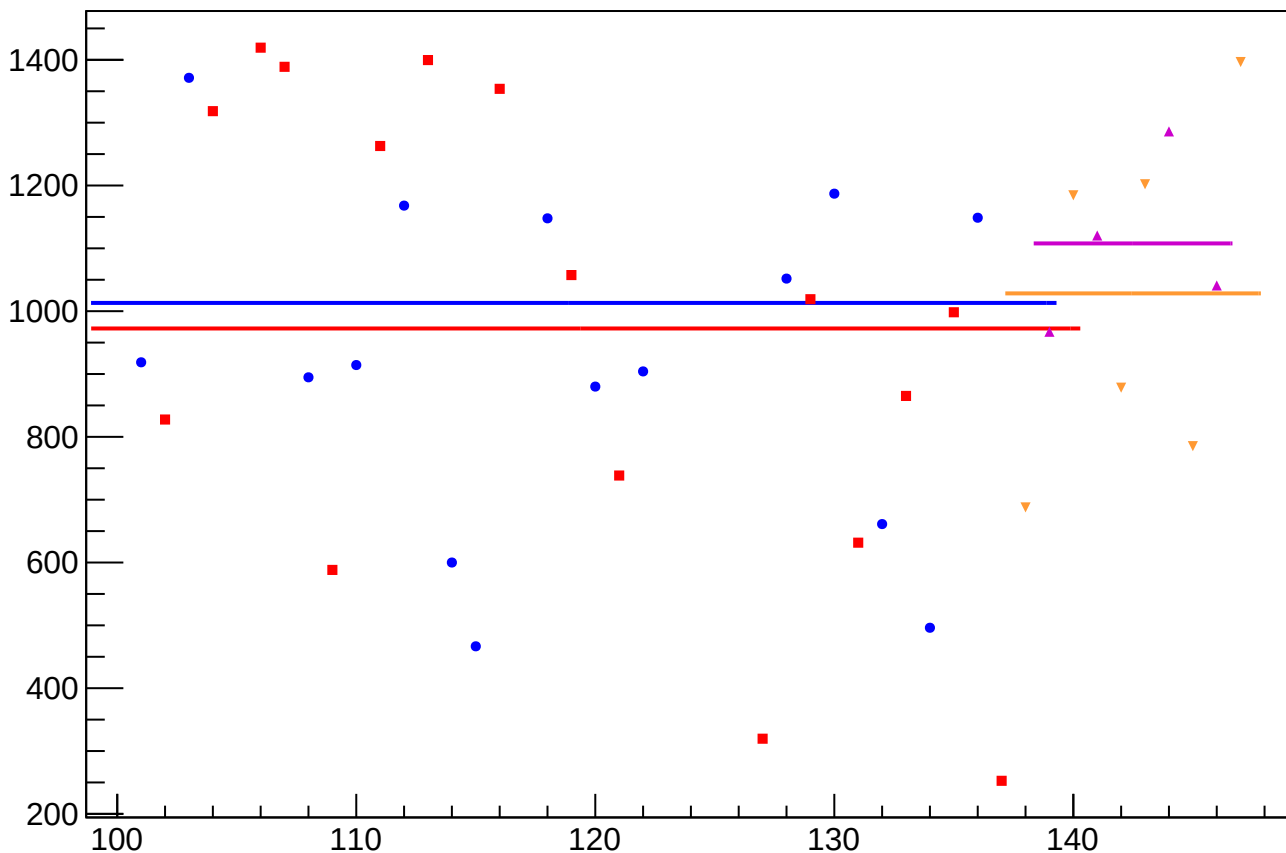
Left In: 1.979+/-0.000 χ^2/NDF : 17207482537662139807465461514240.0/3

+ sign 4.111+/-0.000 χ^2/NDF : 21495580634440995

All: 4.111+/-0.000 χ^2/NDF : 39578056013410

- sign 4.112+/-0.000 χ^2/NDF : 18082474967312690

dit_11X12X_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000

Left Out: 1028.301+/-0.000

Right Out: 972.465+/-0.000

Left In: 1107.820+/-0.000

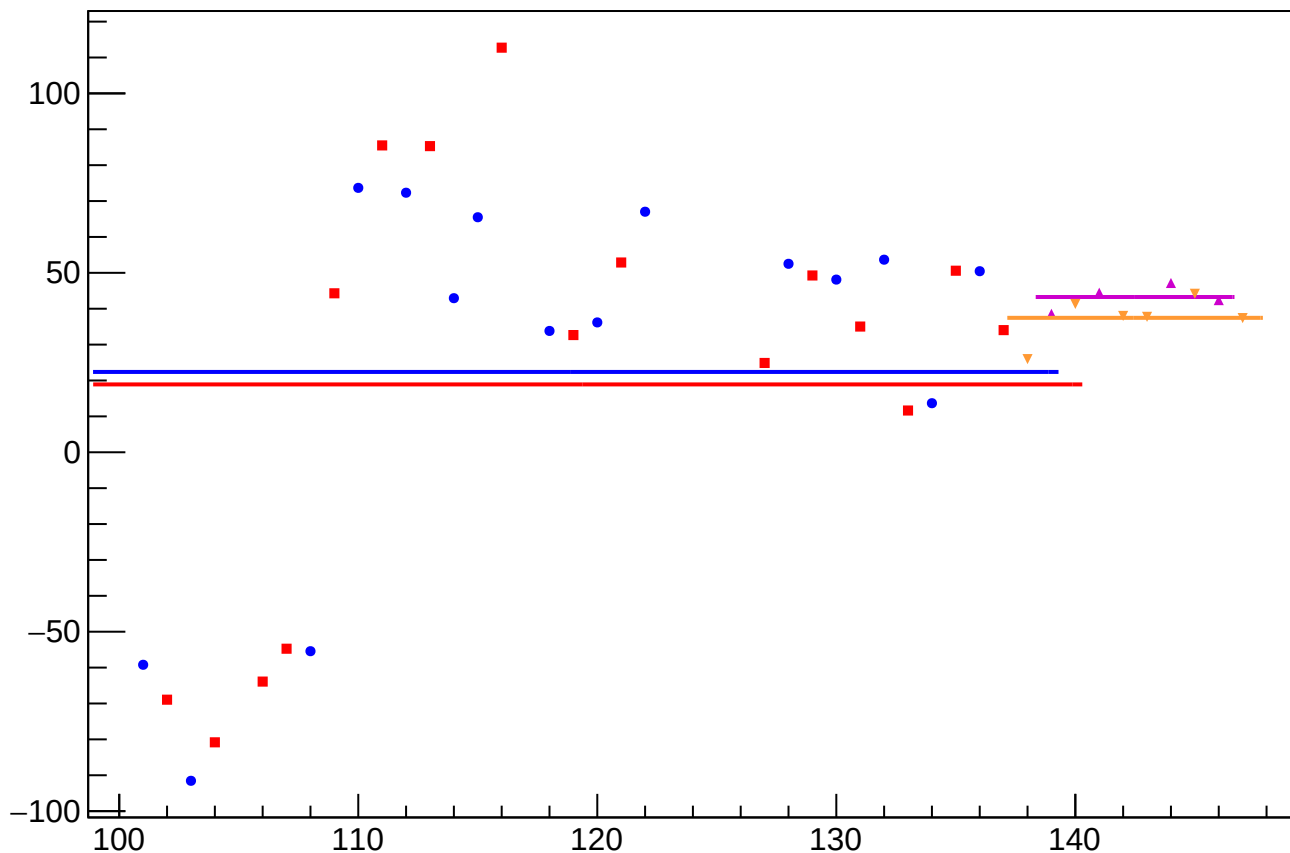
χ^2/NDF : 31721270909522099205936100724856324096.0/14

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389

All: 1018.617+/-0.000 χ^2/NDF : 14905651421

- sign 1017.987+/-0.000 χ^2/NDF : 87808933696767

dit_4aY_coil6_mean vs Slug



Right In: 22.385+/-0.000 χ^2/NDF : 1922260860023592637794094183323009024.0/14

Left Out: 37.461+/-0.000 χ^2/NDF : 15208265992188889866222791911538688.0/5

Right Out: 18.907+/-0.000 χ^2/NDF : 2182221808408156293593993992757837824.0/15

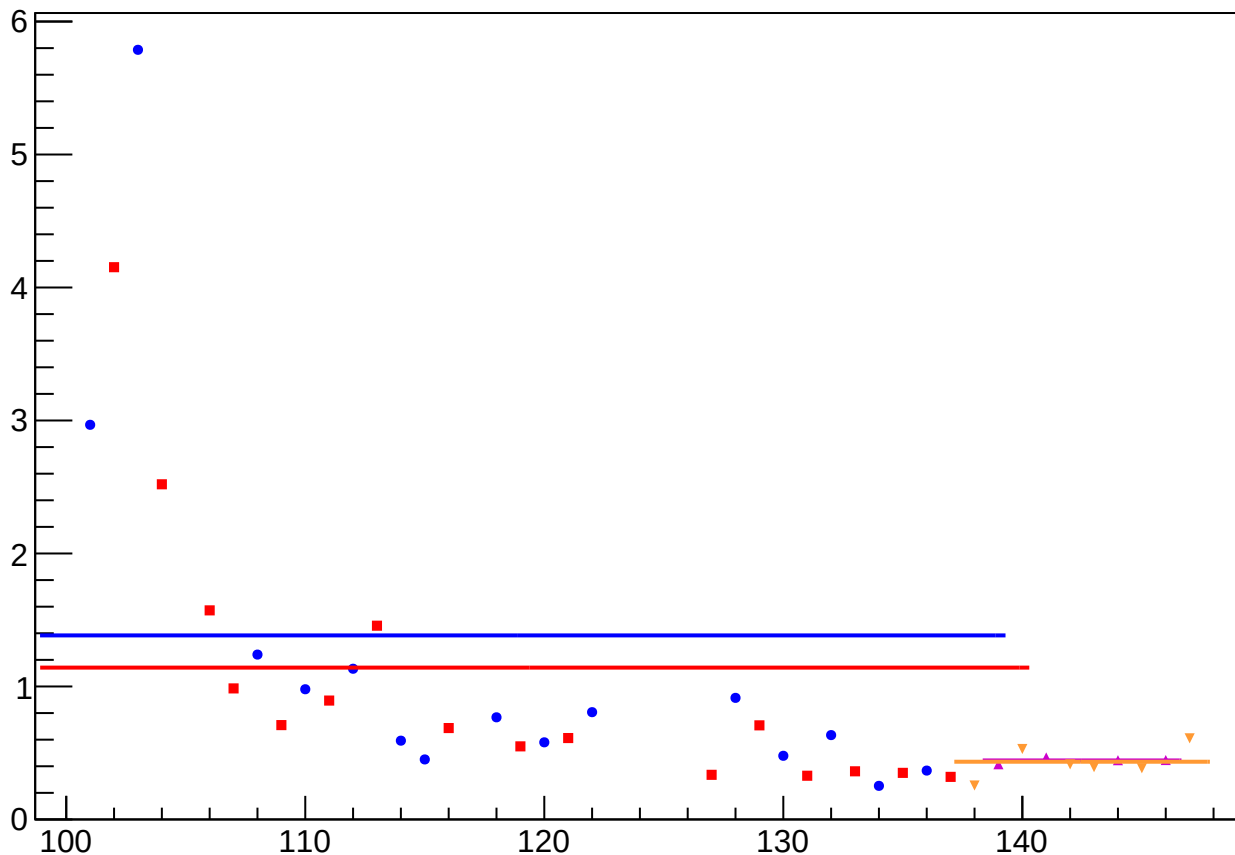
Left In: 43.265+/-0.000 χ^2/NDF : 3318056581113162598960325720014848.0/3

All: 27.778+/-0.000 χ^2/NDF : 4315947093535

+ sign 28.410+/-0.000 χ^2/NDF : 1996424268082889

- sign 27.099+/-0.000 χ^2/NDF : 2318628128116868

dit_4aY_coil6_err_mean vs Slug



Right In: 1.384 ± 0.000 χ^2/NDF : 1571159324102064120487940936695808.0/14

Left Out: 0.434 ± 0.000 χ^2/NDF : 5983856503418078519268489560064.0/5

Right Out: 1.142 ± 0.000 χ^2/NDF : 810680738285448955223066212827136.0/15

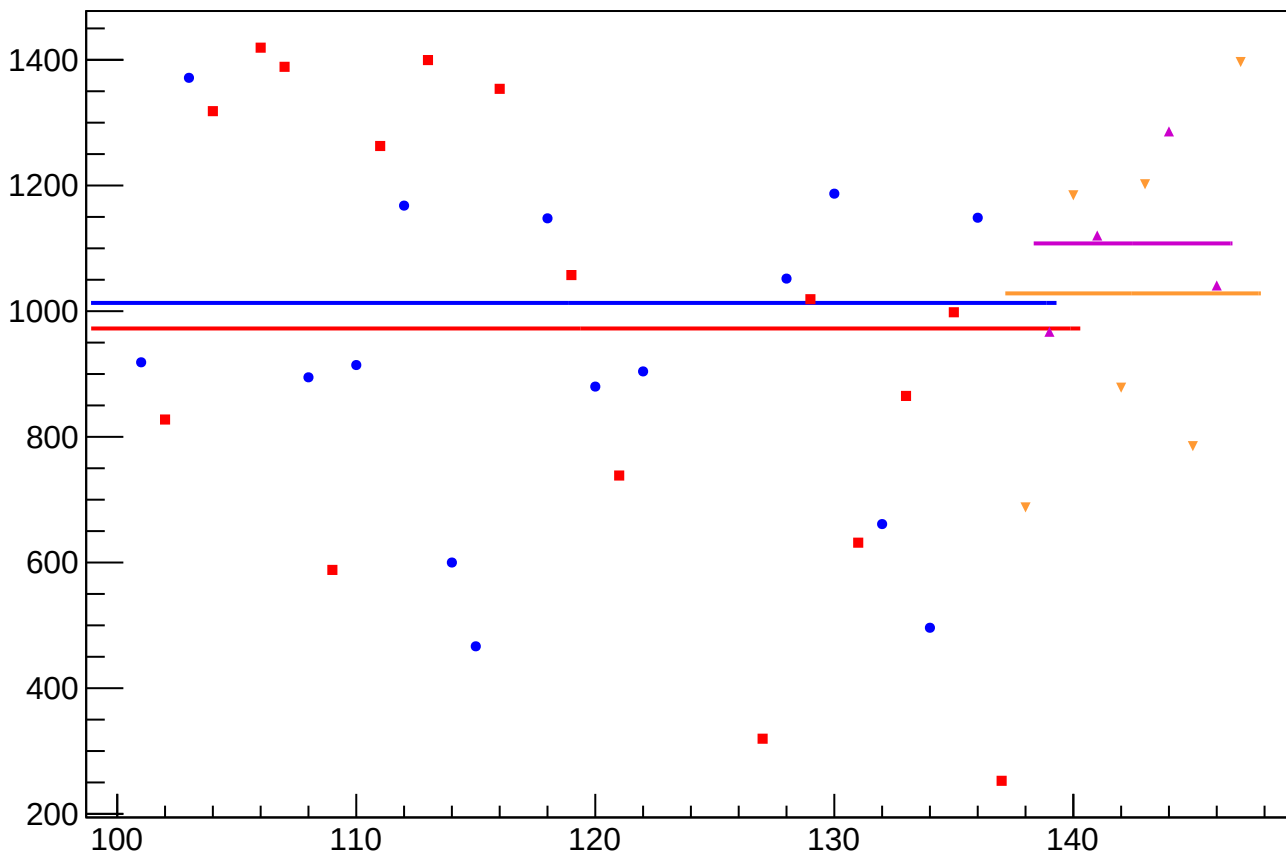
Left In: 0.444 ± 0.000 χ^2/NDF : 111200396929404492644649795584.0/3

+ sign 1.004 ± 0.000 χ^2/NDF : 18111553075448213

All: 0.957 ± 0.000 χ^2/NDF : 27361762192077

- sign 0.907 ± 0.000 χ^2/NDF : 92008898337777627

dit_4aY_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1028.301 $\pm$ 0.000 χ^2 /NDF: 29465975459740600207856017891951378432.0/5

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

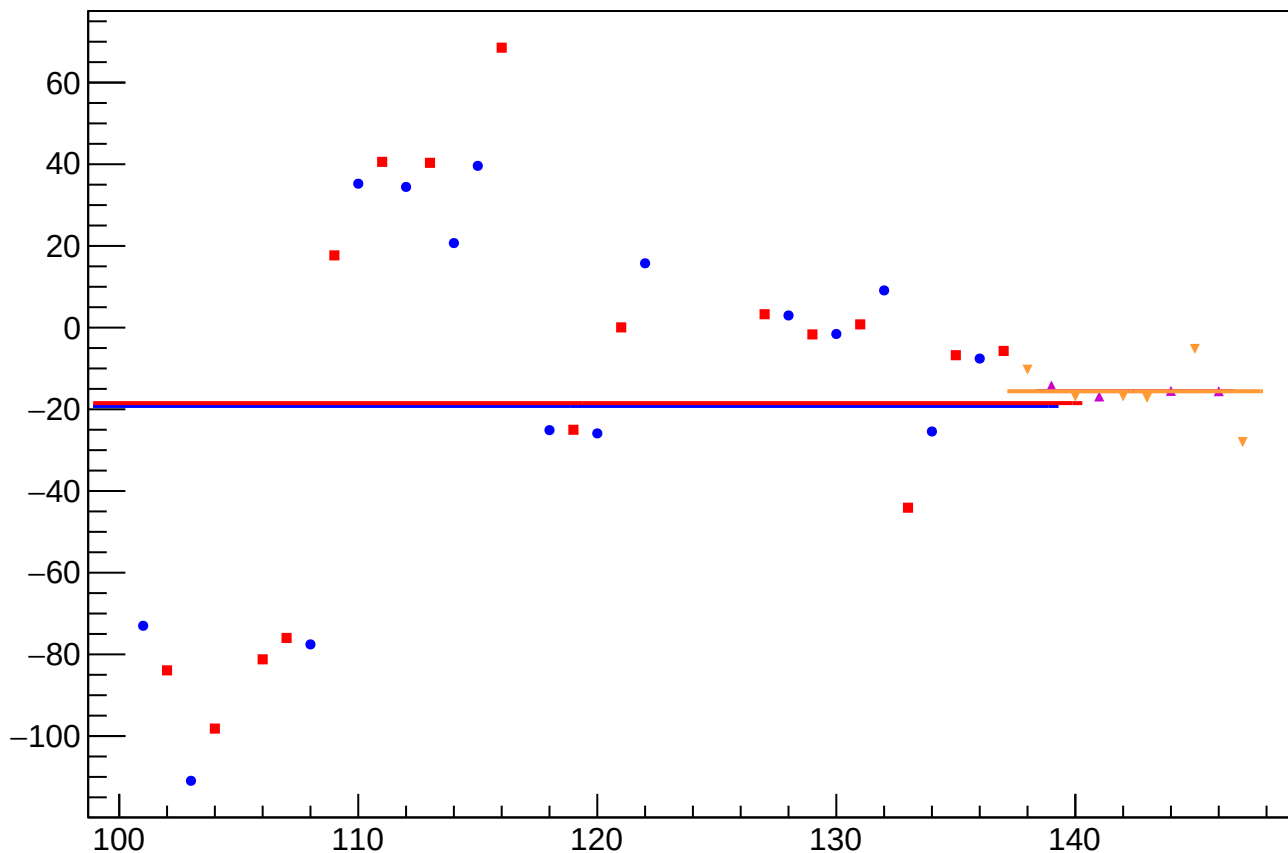
Left In: 1107.820 $\pm$ 0.000 χ^2 /NDF: 4814649577307381267656377641960734720.0/3

+ sign 1019.203 $\pm$ 0.000 χ^2 /NDF: 61246811028389

All: 1018.617 $\pm$ 0.000 χ^2 /NDF: 14905651421

- sign 1017.987 $\pm$ 0.000 χ^2 /NDF: 87808933696767

dit_4eY_coil6_mean vs Slug



Right In: -19.175+/-0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14

Left Out: -15.575+/-0.000 χ^2/NDF : 23370359925987605964308039438696448.0/5

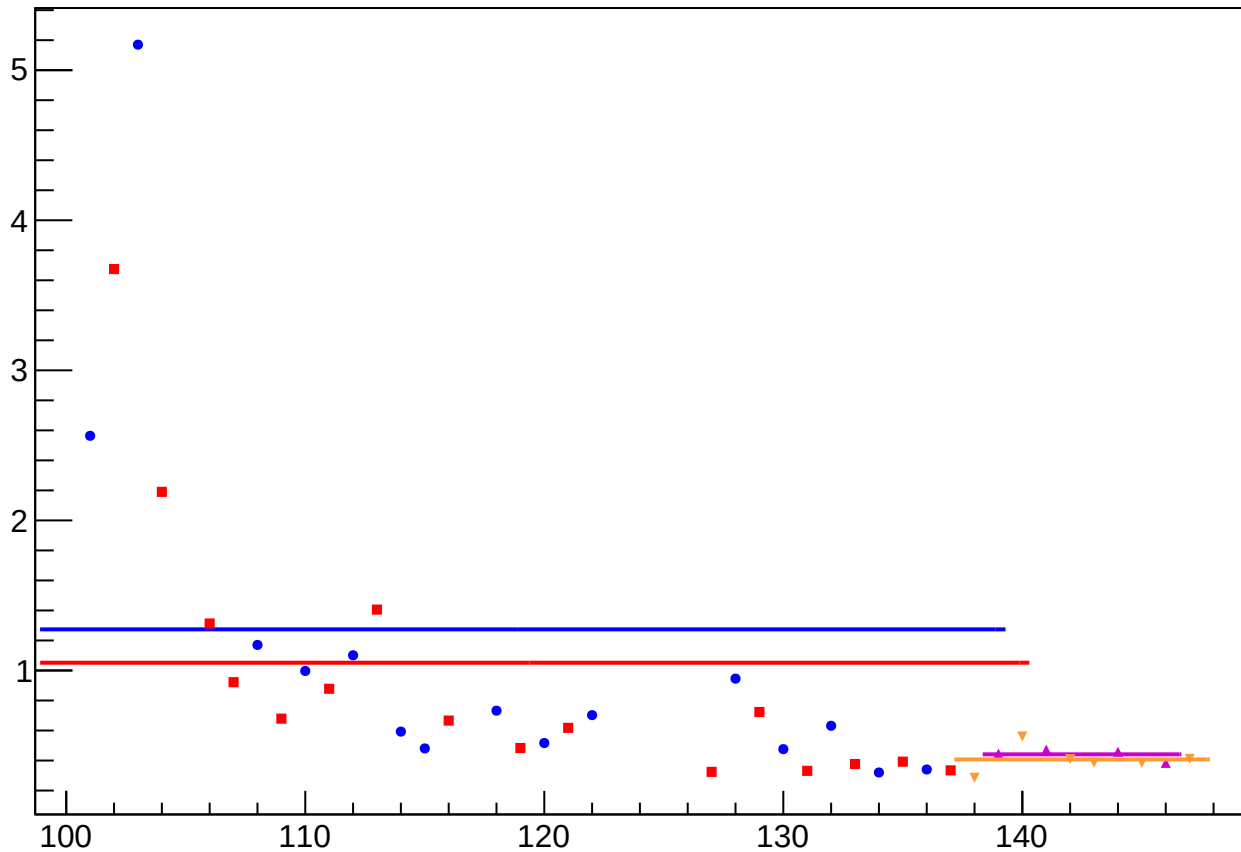
Right Out: -18.479+/-0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15

Left In: -15.533+/-0.000 χ^2/NDF : 295578324140029145582198415425536.0/3

All: -17.617+/-0.000 χ^2/NDF : 276477015480

- sign -17.488+/-0.000 χ^2/NDF : 1491640659935272

dit_4eY_coil6_err_mean vs Slug



Right In: 1.274 ± 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14

Left Out: 0.407 ± 0.000 χ^2/NDF : 3155048991196968153307037040640.0/5

Right Out: 1.052 ± 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15

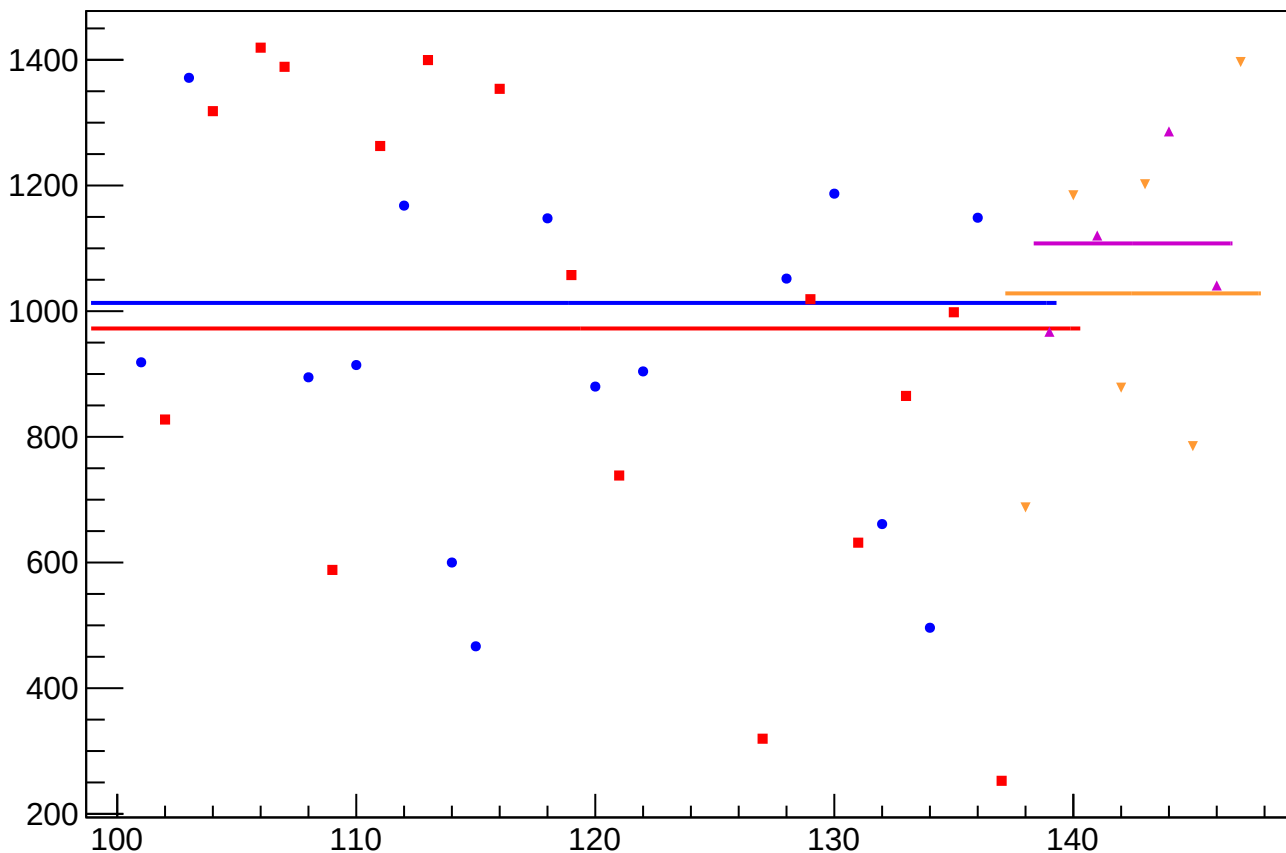
Left In: 0.441 ± 0.000 χ^2/NDF : 381738113891467609864455323648.0/3

+ sign 0.928 ± 0.000 χ^2/NDF : 14099610573091091

All: 0.889 ± 0.000 χ^2/NDF : 21047197666206

- sign 0.846 ± 0.000 χ^2/NDF : 69132631640616398

dit_4eY_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000 χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

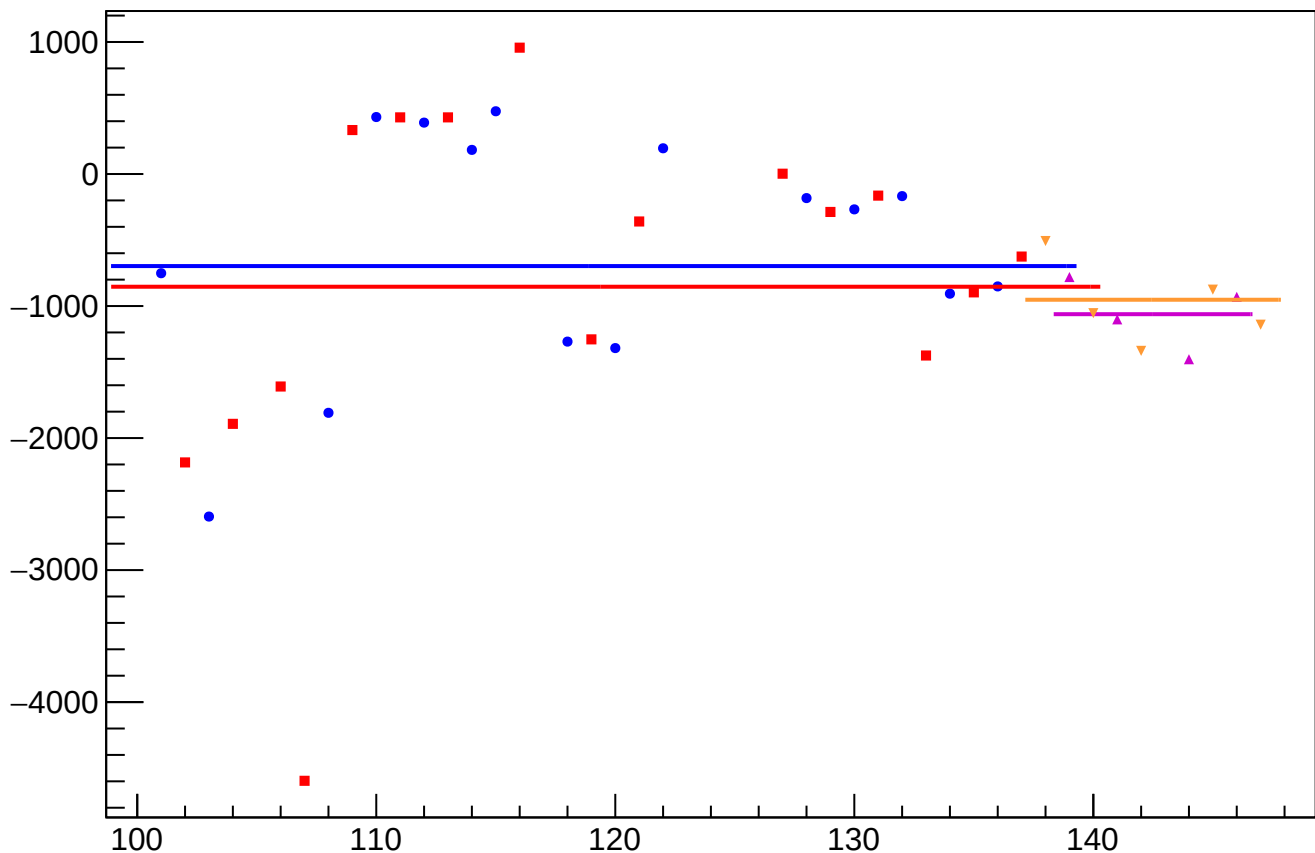
Left In: 1107.820+/-0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389

All: 1018.617+/-0.000 χ^2/NDF : 14905651421

- sign 1017.987+/-0.000 χ^2/NDF : 87808933696767

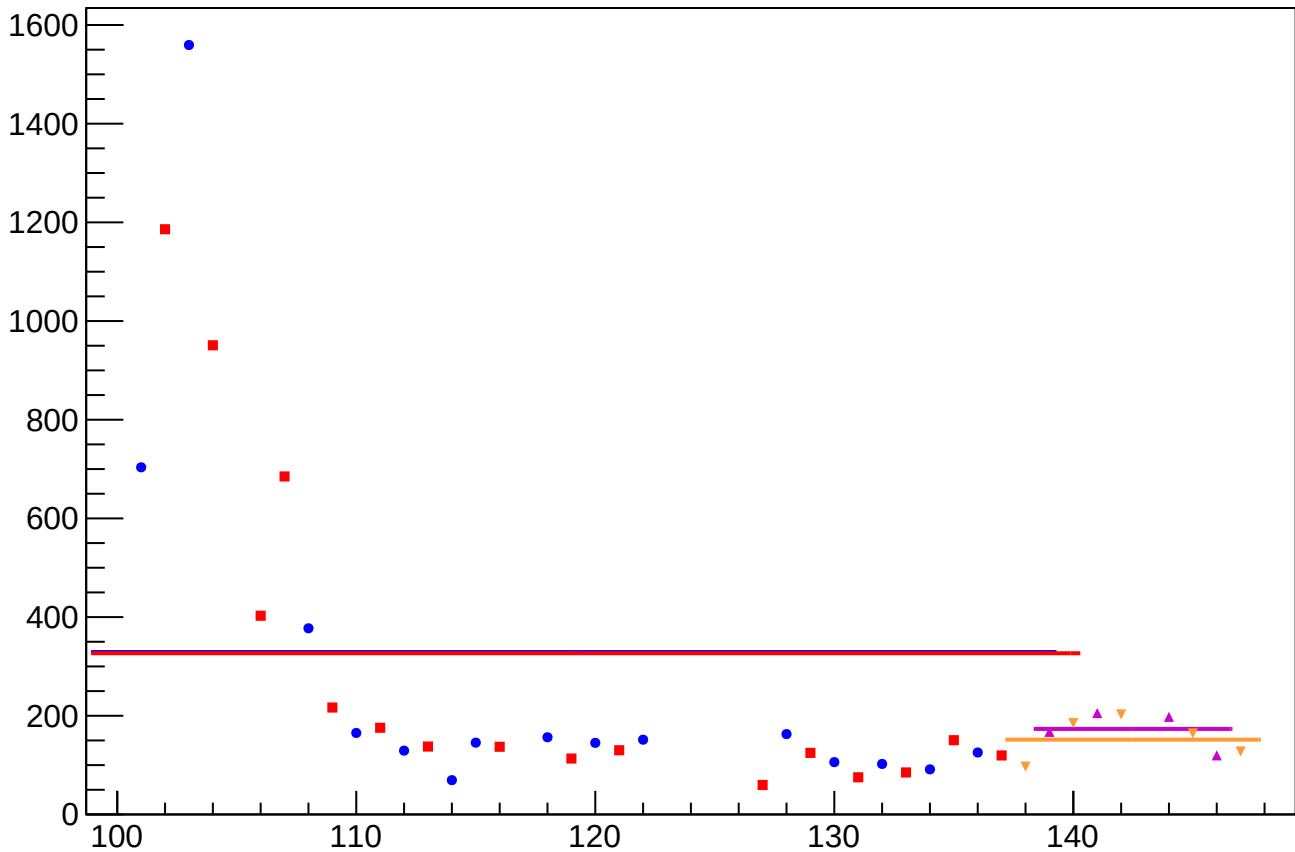
dit_usl_coil6_mean vs Slug



Right In: -697.283+/-0.000	χ^2/NDF : 490435790698133828475769692944364208128.0/14
Left Out: -952.334+/-0.000	χ^2/NDF : 26434447988941718123425233468846505984.0/4
Right Out: -853.734+/-0.000	χ^2/NDF : 1078379020126412317155932275156201766912.0/15
Left In: -1061.694+/-0.000	χ^2/NDF : 18332832777252071174348241535435276288.0/3

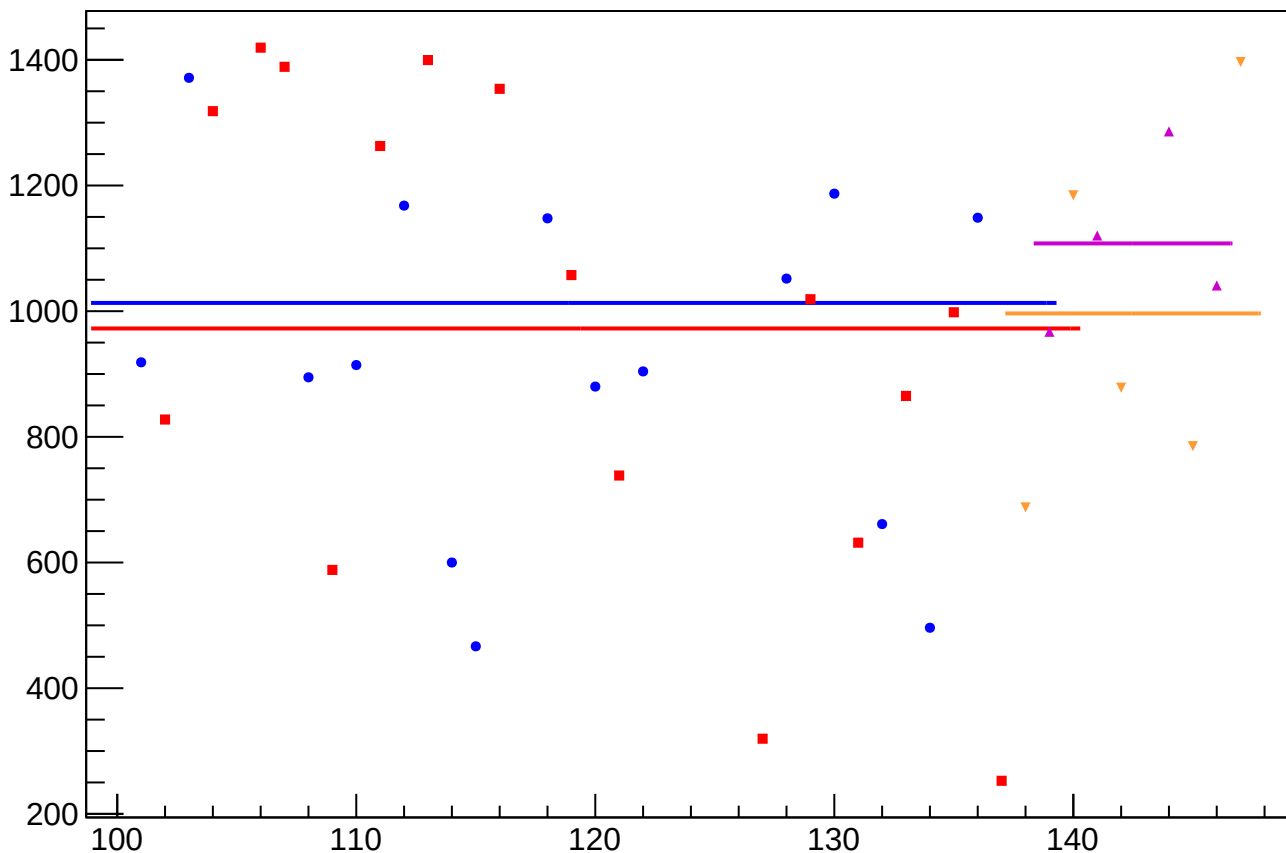
+ sign -789.091+/-0.000 χ^2/NDF : 53206718099208
 All: -856.083+/-0.000 χ^2/NDF : 16476226854
 - sign -923.674+/-0.000 χ^2/NDF : 11064133173885

dit_usl_coil6_err_mean vs Slug



Right In: 329.108+/-0.000 χ^2/NDF : 116863820700538623524207945698672377856.0/14
 Left Out: 151.577+/-0.000 χ^2/NDF : 504369744332796939598108227119611904.0/4
 Right Out: 326.695+/-0.000 χ^2/NDF : 87569123354318020688611028415151079424.0/15
 Left In: 173.330+/-0.000 χ^2/NDF : 383100404939416939972577737316499456.0/3
 All: 270.137+/-0.000 χ^2/NDF : 218009140060.0/4
 + sign 265.204+/-0.000 χ^2/NDF : 124731063702044.0/4
 - sign 275.115+/-0.000 χ^2/NDF : 932284926600156.0/4

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 996.419+/-0.000 χ^2/NDF : 27073838430939024272843575344995762176.0/4

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

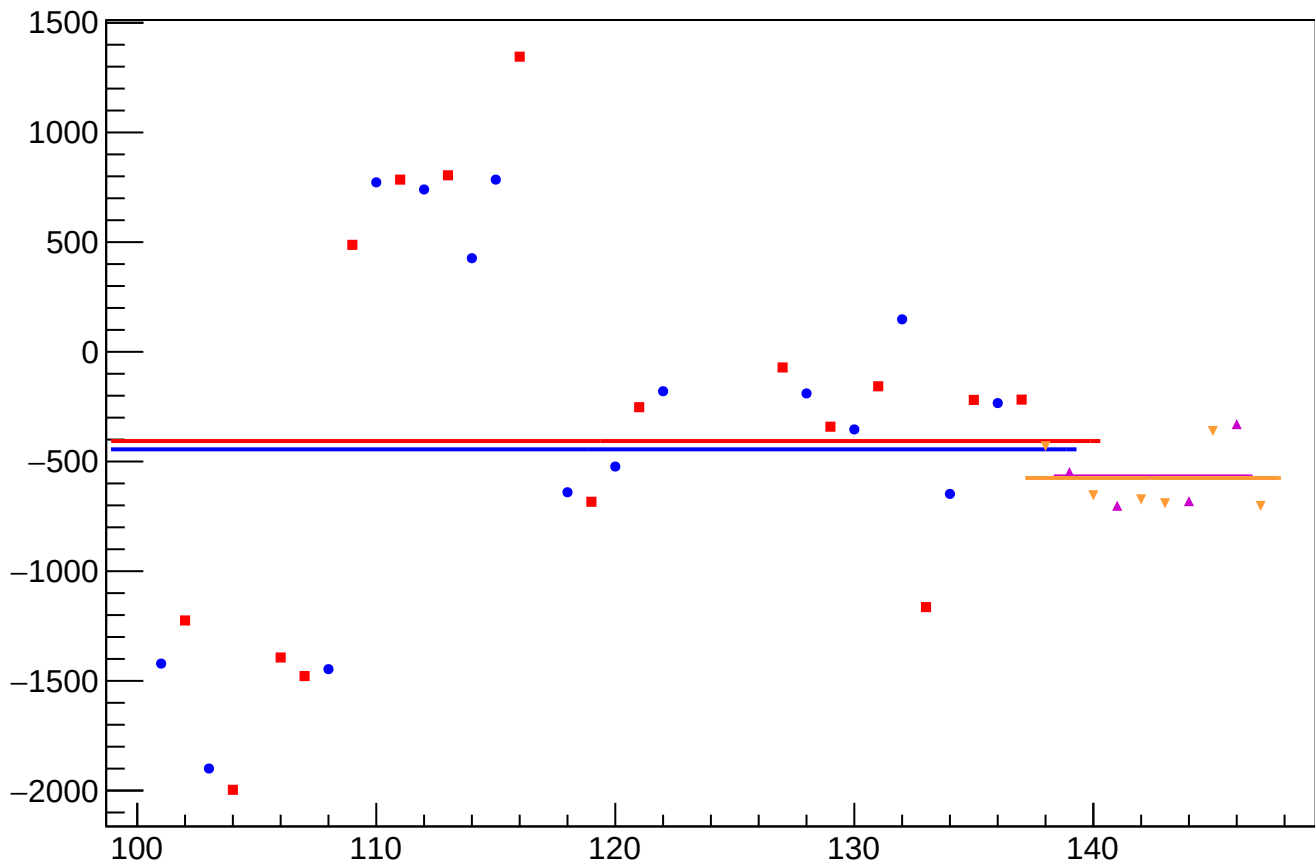
Left In: 1107.820+/-0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

+ sign 1007.125+/-0.000 χ^2/NDF : 58860474474405

All: 1012.532+/-0.000 χ^2/NDF : 14672895693

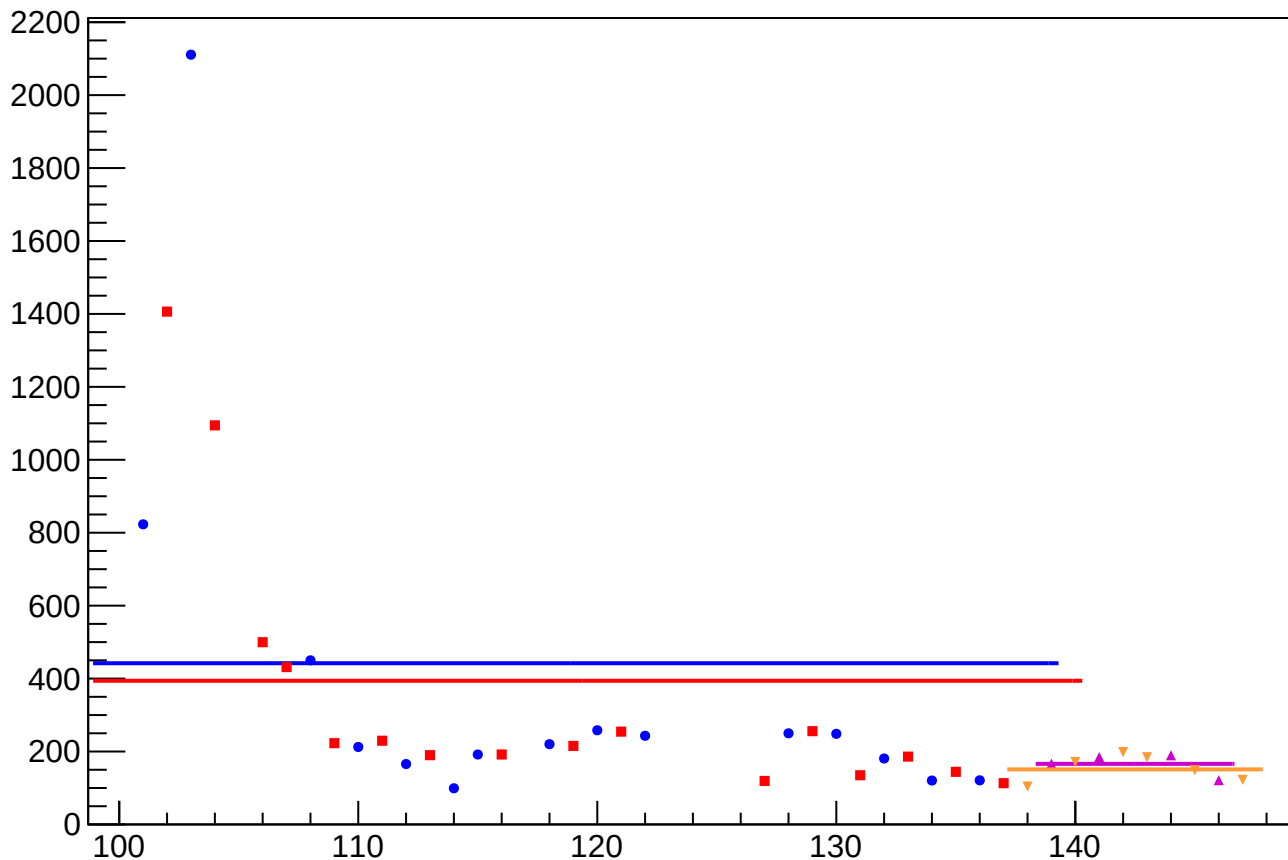
- sign 1017.987+/-0.000 χ^2/NDF : 87808933696767

dit_usr_coil6_mean vs Slug



Right In: -444.512 ± 0.000 $\chi^2/NDF: 396481903501593703066535851229953654784.0/14$
 Left Out: -575.056 ± 0.000 $\chi^2/NDF: 8463983584800843767552325987858382848.0/5$
 Right Out: -406.729 ± 0.000 $\chi^2/NDF: 529122421866774810012941782239129108480.0/15$
 Left In: -567.892 ± 0.000 $\chi^2/NDF: 7407068838373668223910504506316554240.0/3$

dit_usr_coil6_err_mean vs Slug



Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14

Left Out: 151.013+/-0.000 χ^2/NDF : 449789266902868699058182304995213312.0/5

Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15

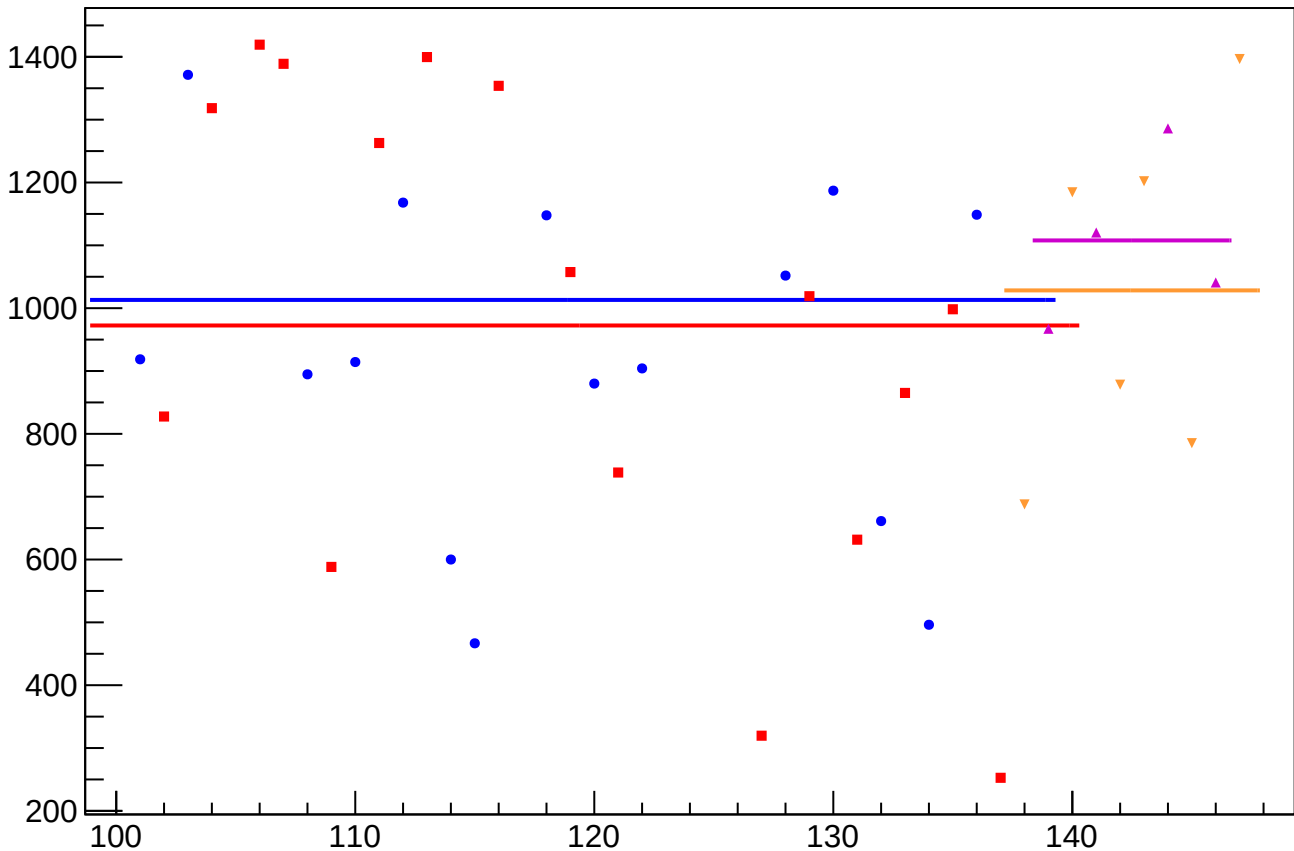
Left In: 166.200+/-0.000 χ^2/NDF : 245376345862006496776737275005370368.0/3

+ sign 325.810+/-0.000 χ^2/NDF : 226451132698349

All: 321.763+/-0.000 χ^2/NDF : 344260171515

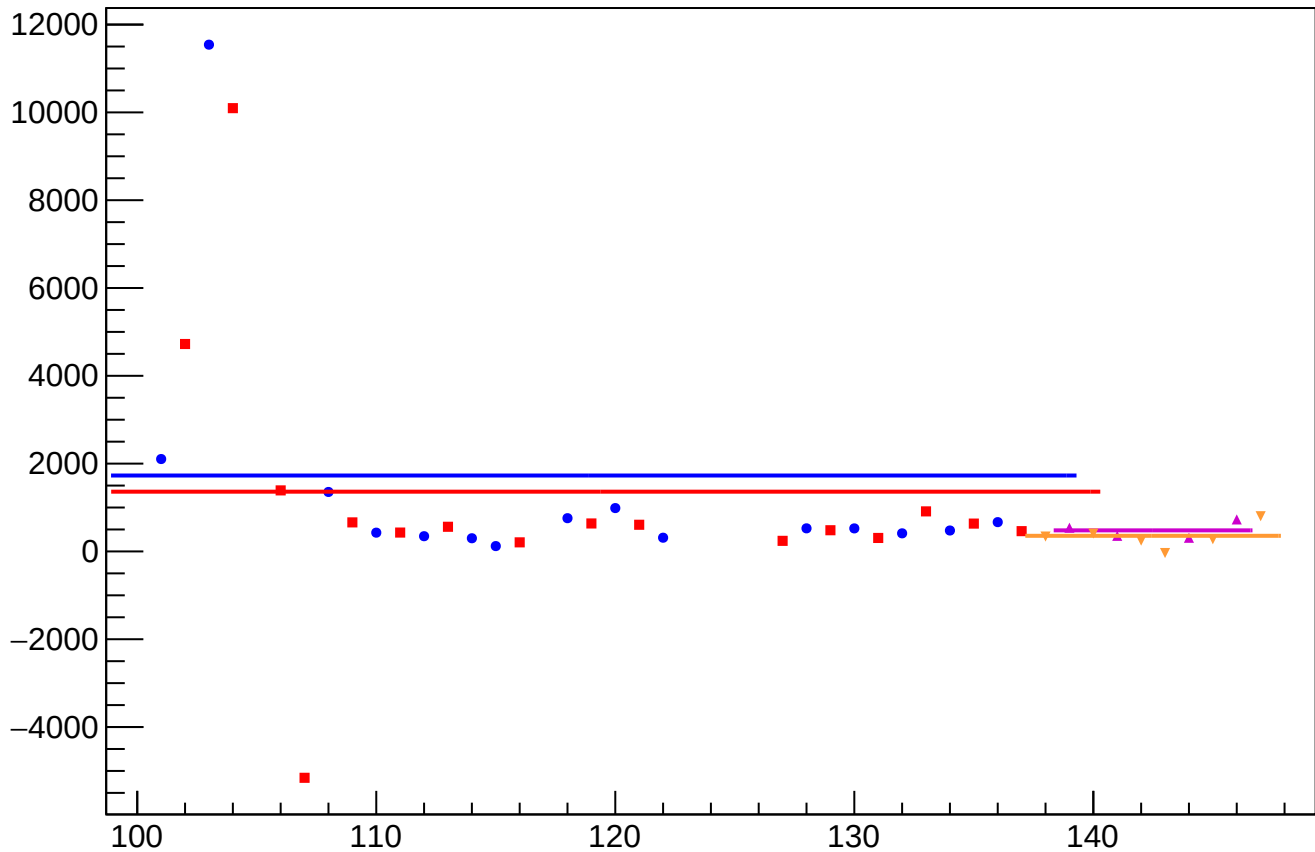
- sign 317.409+/-0.000 χ^2/NDF : 117772277913537

dit_usr_coil6_Ndata_mean vs Slug



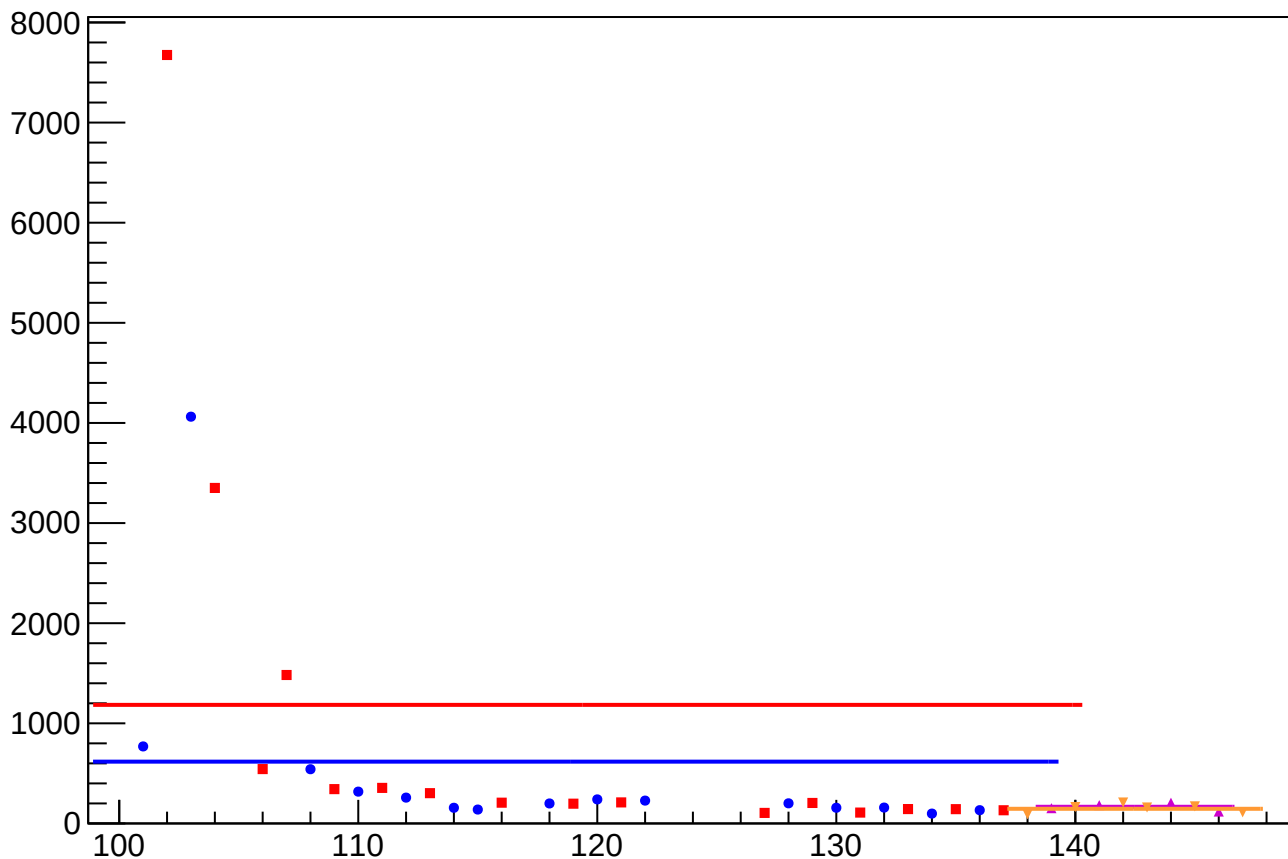
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1028.301 $\pm$ 0.000 χ^2 /NDF: 29465975459740600207856017891951378432.0/5
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1107.820 $\pm$ 0.000 χ^2 /NDF: 4814649577307381267656377641960734720.0/3

dit_atl1_coil6_mean vs Slug



Right In: 1729.013+/-0.000 χ^2/NDF : 6413121297273347408075624116507964866560.0/14
 Left Out: 355.676+/-0.000 χ^2/NDF : 27101054299374983701265545171126190080.0/5
 Right Out: 1360.914+/-0.000 χ^2/NDF : 6431605933148863413038417850186506174464.0/15
 Left In: 479.747+/-0.000 χ^2/NDF : 9294681209108435562414739323583725568.0/3

dit_atl1_coil6_err_mean vs Slug



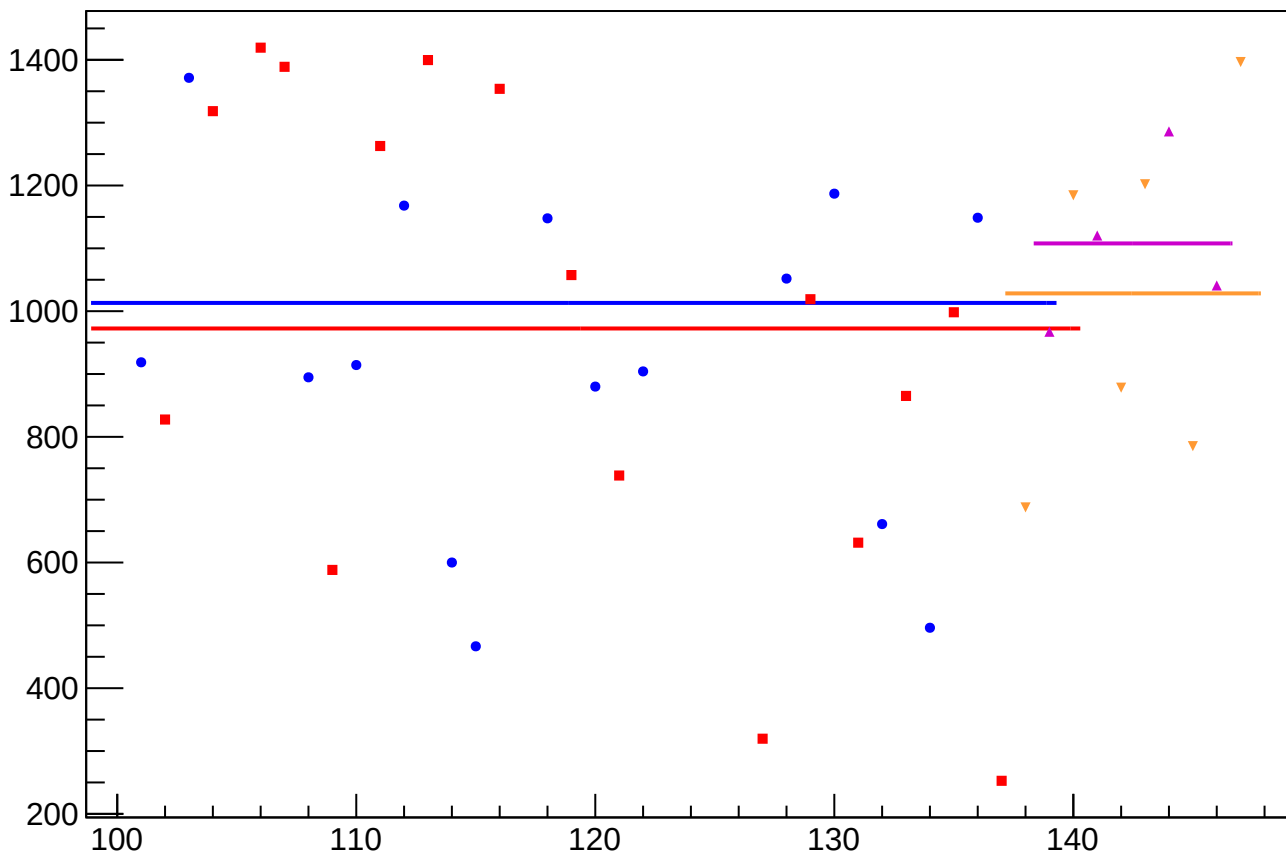
Right In: 617.343+/-0.000 χ^2/NDF : 792366012985954198345317750268755968000.0/14

Left Out: 146.407+/-0.000 χ^2/NDF : 607114793781453184238395112185397248.0/5

Right Out: 1184.322+/-0.000 χ^2/NDF : 3167423043121242666563535820496559931392.0/15

Left In: 166.497+/-0.000 χ^2/NDF : 373907251778732326090455768329355264.0/3

dit_atl1_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1028.301 $\pm$ 0.000 χ^2 /NDF: 29465975459740600207856017891951378432.0/5

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

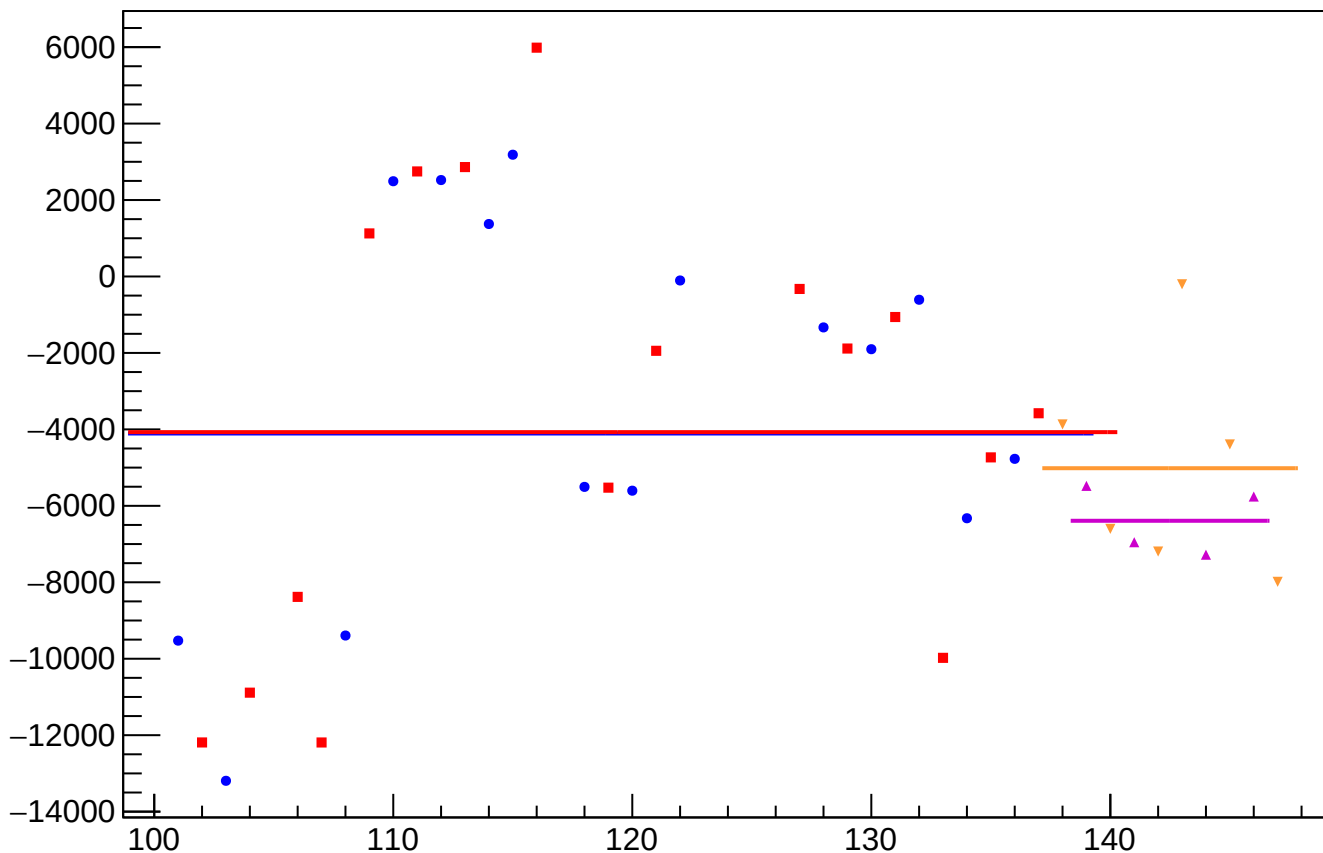
Left In: 1107.820 $\pm$ 0.000 χ^2 /NDF: 4814649577307381267656377641960734720.0/3

+ sign 1019.203 $\pm$ 0.000 χ^2 /NDF: 61246811028389

All: 1018.617 $\pm$ 0.000 χ^2 /NDF: 14905651421

- sign 1017.987 $\pm$ 0.000 χ^2 /NDF: 87808933696767

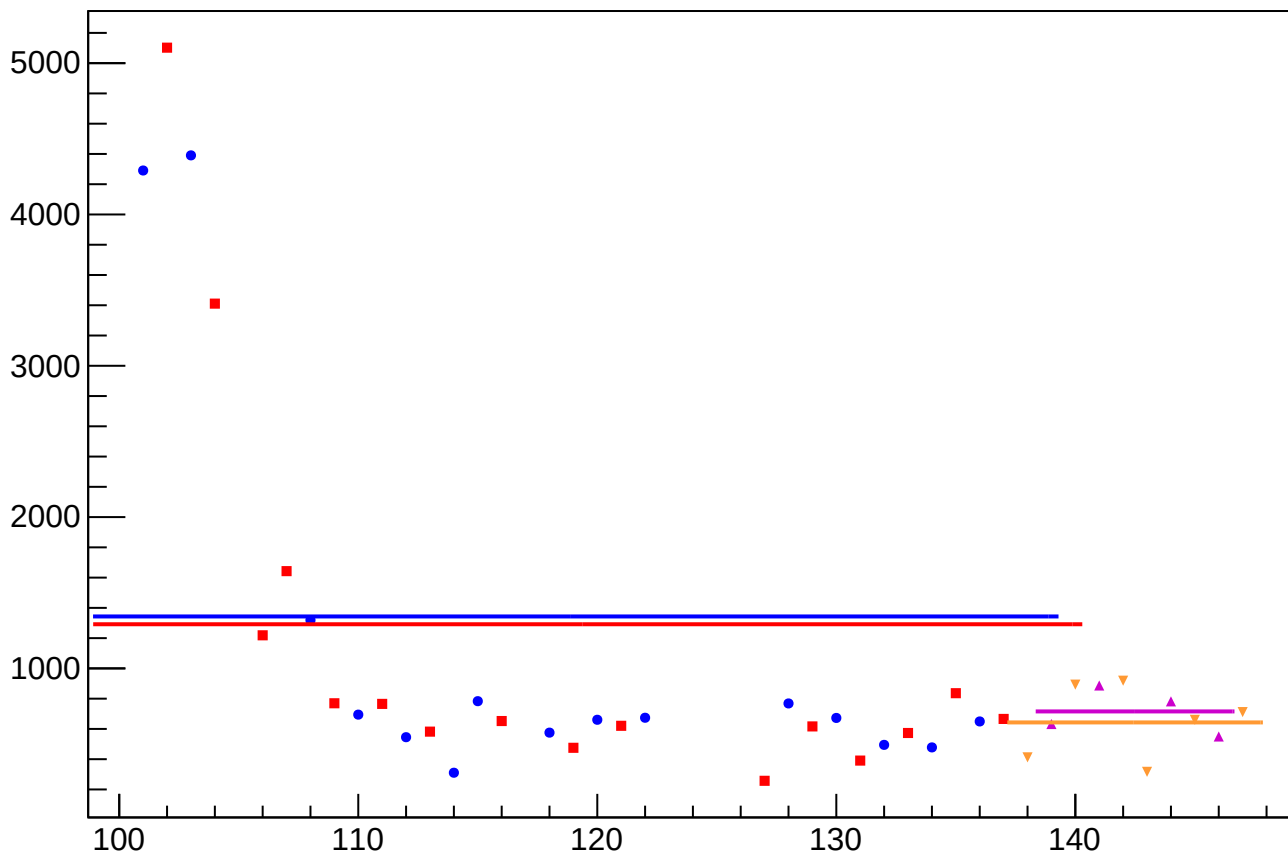
dit_atl2_coil6_mean vs Slug



Right In: -4107.443+/-0.000	χ^2/NDF : 14527436324982031454277780831211819630592.0/14
Left Out: -5015.881+/-0.000	χ^2/NDF : 2799088311452720194265825835774069702656.0/5
Right Out: -4072.120+/-0.000	χ^2/NDF : 20367171423690168095778854678764929941504.0/15
Left In: -6391.044+/-0.000	χ^2/NDF : 197758416531862153907848994700392398848.0/3

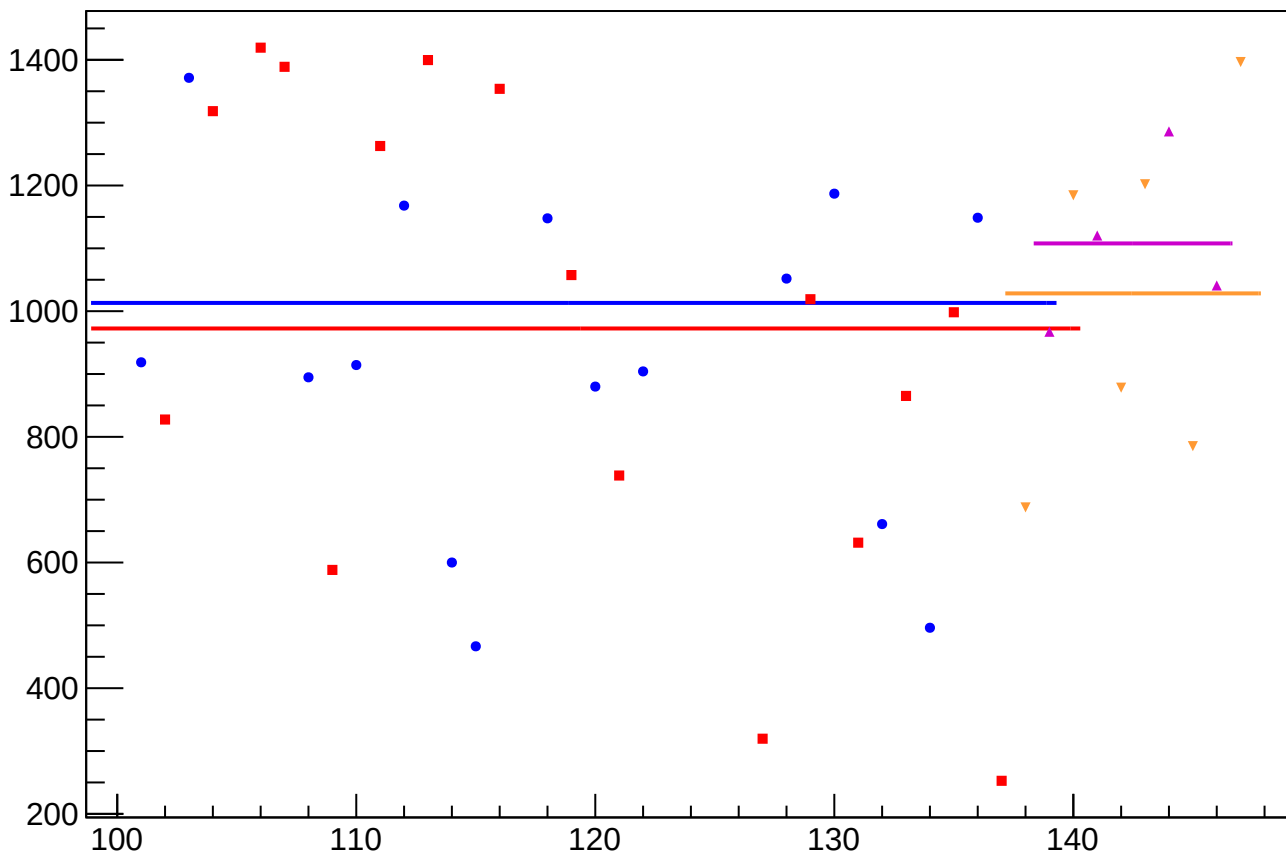
+ sign -4470.482+/-0.000 χ^2/NDF : 1754056371008
 All: -4654.299+/-0.000 χ^2/NDF : 3938759168
 - sign -4852.017+/-0.000 χ^2/NDF : 21771214611162

dit_atl2_coil6_err_mean vs Slug



Right In: 1343.321+/-0.000 χ^2/NDF : 1317478352429773686550511077330771771392.0/14
 Left Out: 642.957+/-0.000 χ^2/NDF : 20298661725456152109492052921746980864.0/5
 Right Out: 1291.796+/-0.000 χ^2/NDF : 1323568917008872977905960011586991030272.0/15
 Left In: 715.640+/-0.000 χ^2/NDF : 5727741452194447409861220086040231936.0/3
 + sign 1063.434+/-0.000 χ^2/NDF : 14649955589702
 All: 1080.099+/-0.000 χ^2/NDF : 28693811430
 - sign 1098.025+/-0.000 χ^2/NDF : 14037624504489

dit_atl2_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1028.301 $\pm$ 0.000 χ^2 /NDF: 29465975459740600207856017891951378432.0/5

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

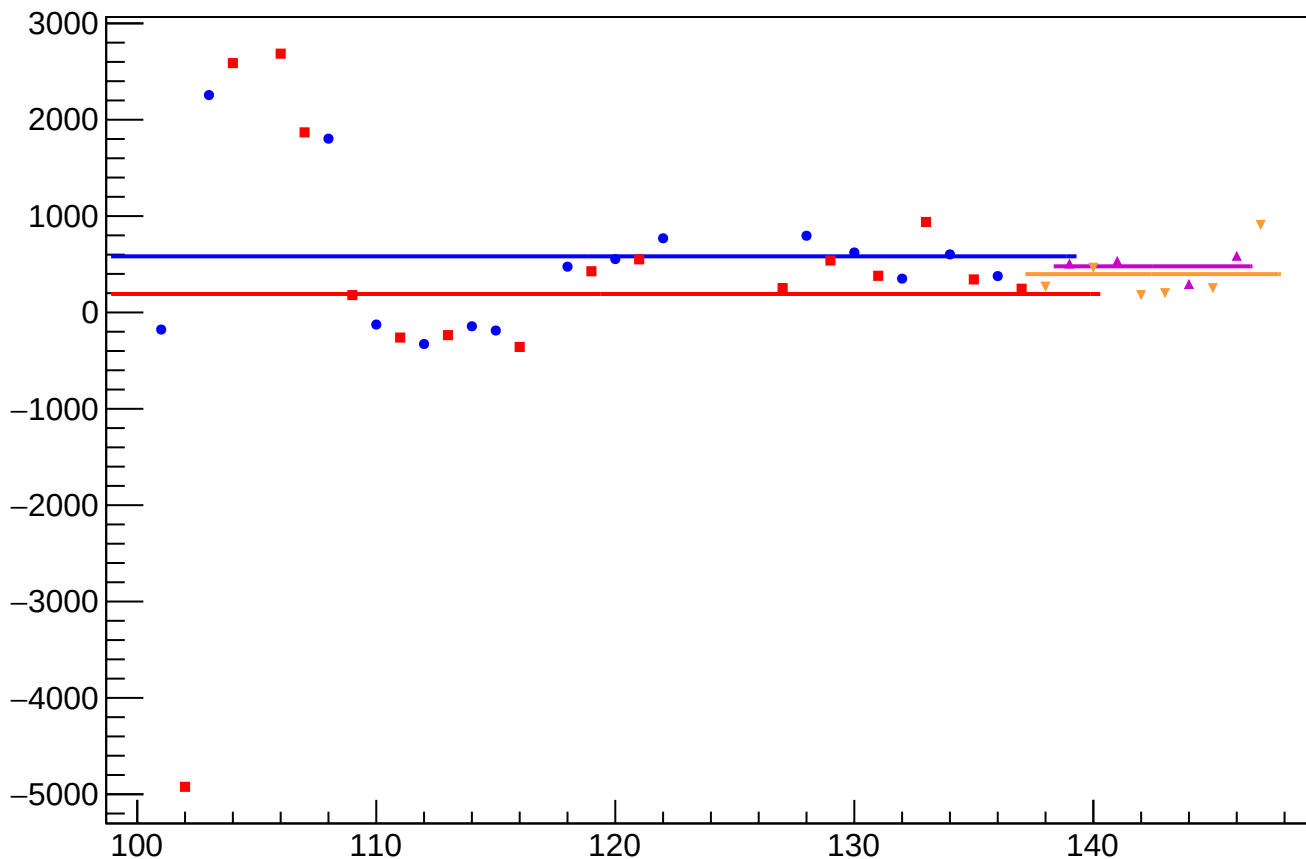
Left In: 1107.820 $\pm$ 0.000 χ^2 /NDF: 4814649577307381267656377641960734720.0/3

+ sign 1019.203 $\pm$ 0.000 χ^2 /NDF: 61246811028389

All: 1018.617 $\pm$ 0.000 χ^2 /NDF: 14905651421

- sign 1017.987 $\pm$ 0.000 χ^2 /NDF: 87808933696767

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

Left Out: 397.570+/-0.000 χ^2/NDF : 28552982084254485291659318052717068288.0/5

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

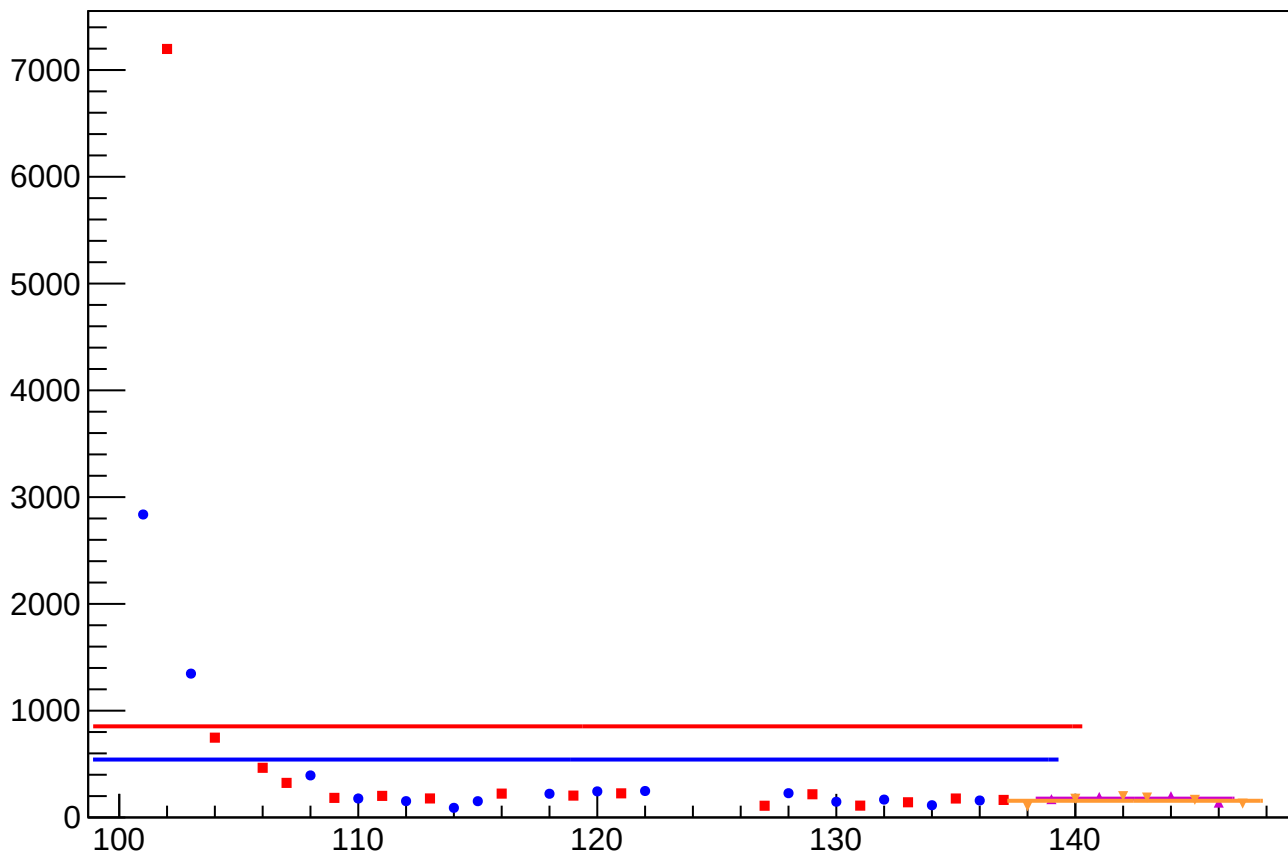
Left In: 478.793+/-0.000 χ^2/NDF : 4303684833591441735942886846269227008.0/3

+ sign 508.530+/-0.000 χ^2/NDF : 376208858367915

All: 402.369+/-0.000 χ^2/NDF : 25930659343

- sign 288.180+/-0.000 χ^2/NDF : 219156966059192

dit_atr1_coil6_err_mean vs Slug



Right In: 542.328+/-0.000 χ^2/NDF : 414378812003795549649034048462817067008.0/14

Left Out: 156.226+/-0.000 χ^2/NDF : 457340224987088047374620731367227392.0/5

Right Out: 853.203+/-0.000 χ^2/NDF : 2574076381441046787772449137133917044736.0/15

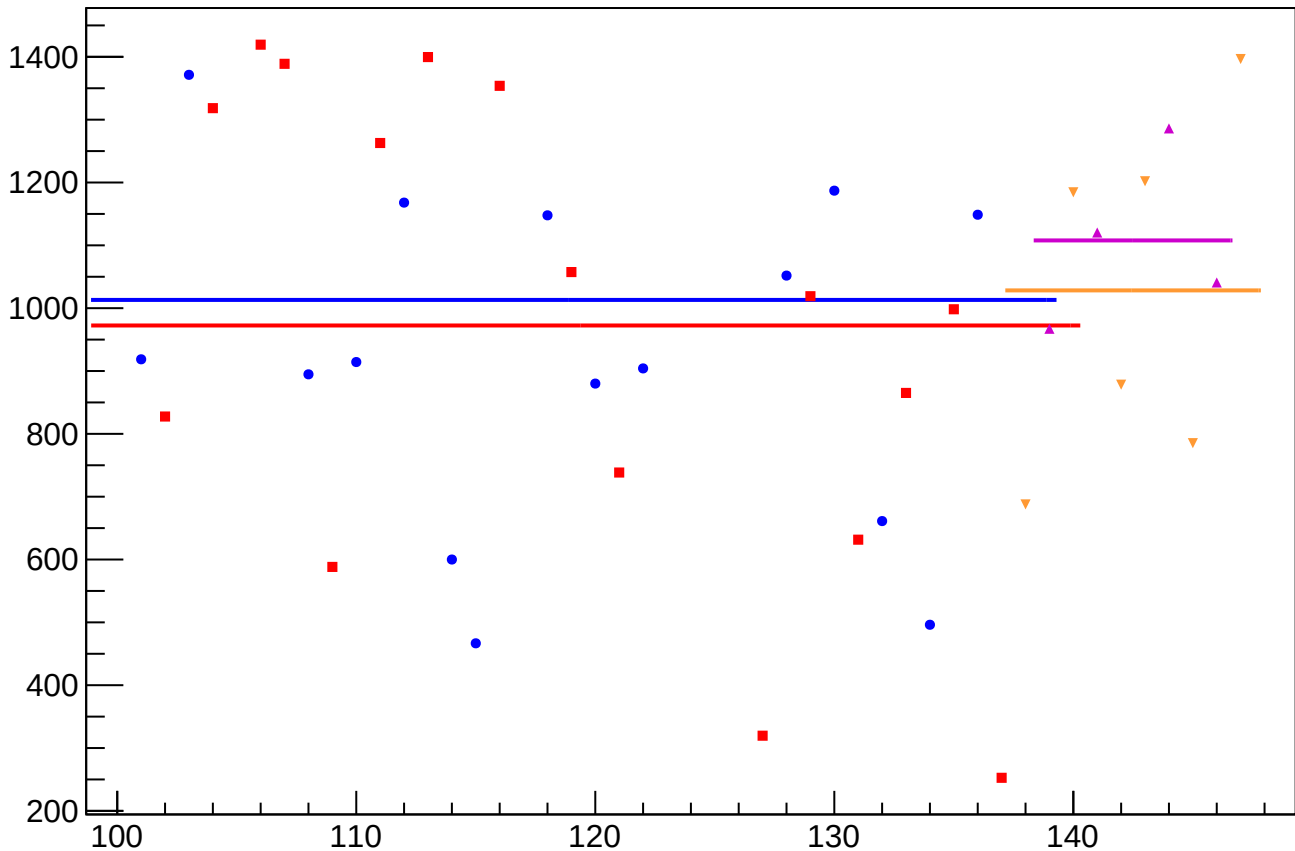
Left In: 176.191+/-0.000 χ^2/NDF : 185796904267531295033464779572248576.0/3

+ sign 388.030+/-0.000 χ^2/NDF : 453500155984025

All: 502.444+/-0.000 χ^2/NDF : 31599526966

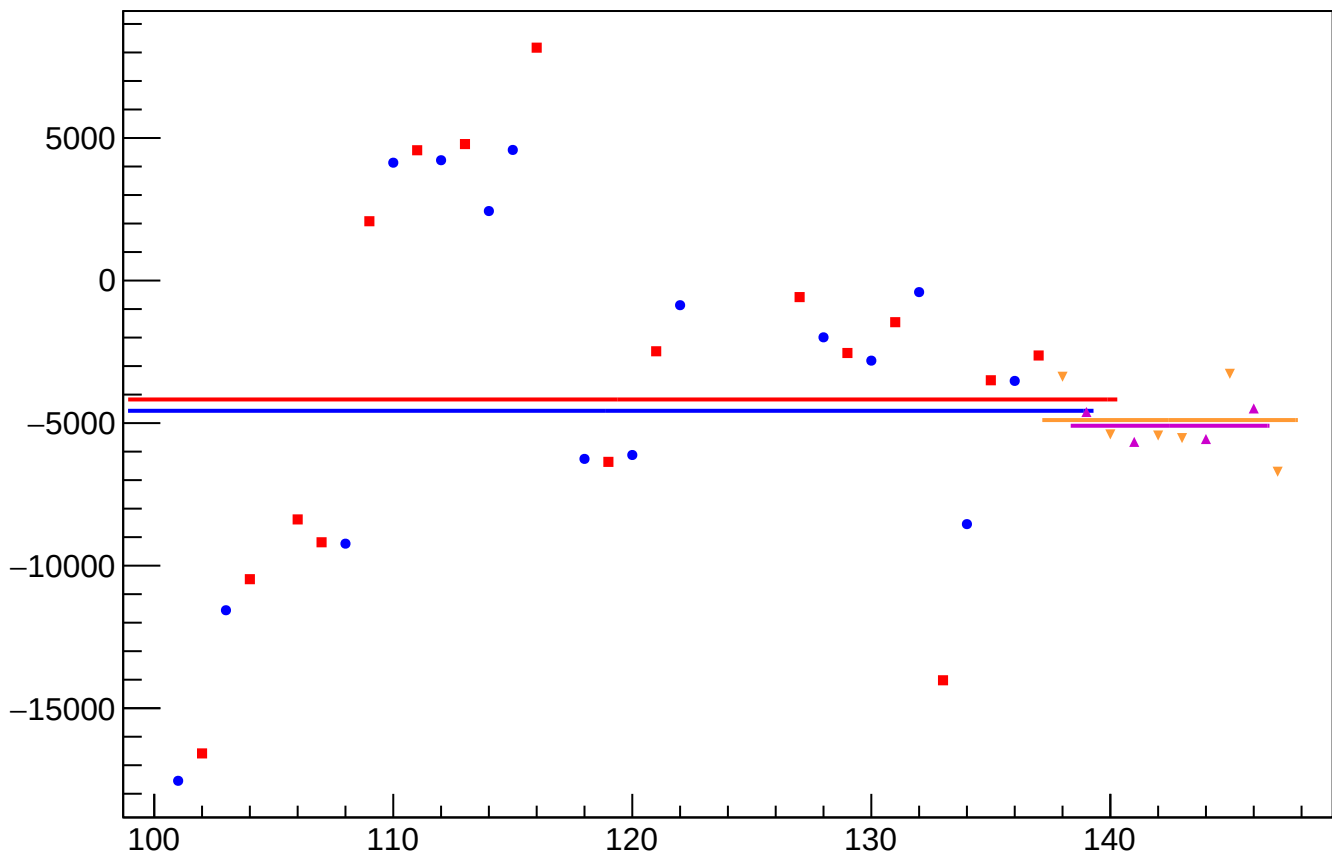
- sign 625.512+/-0.000 χ^2/NDF : 267708017477088

dit_atr1_coil6_Ndata_mean vs Slug



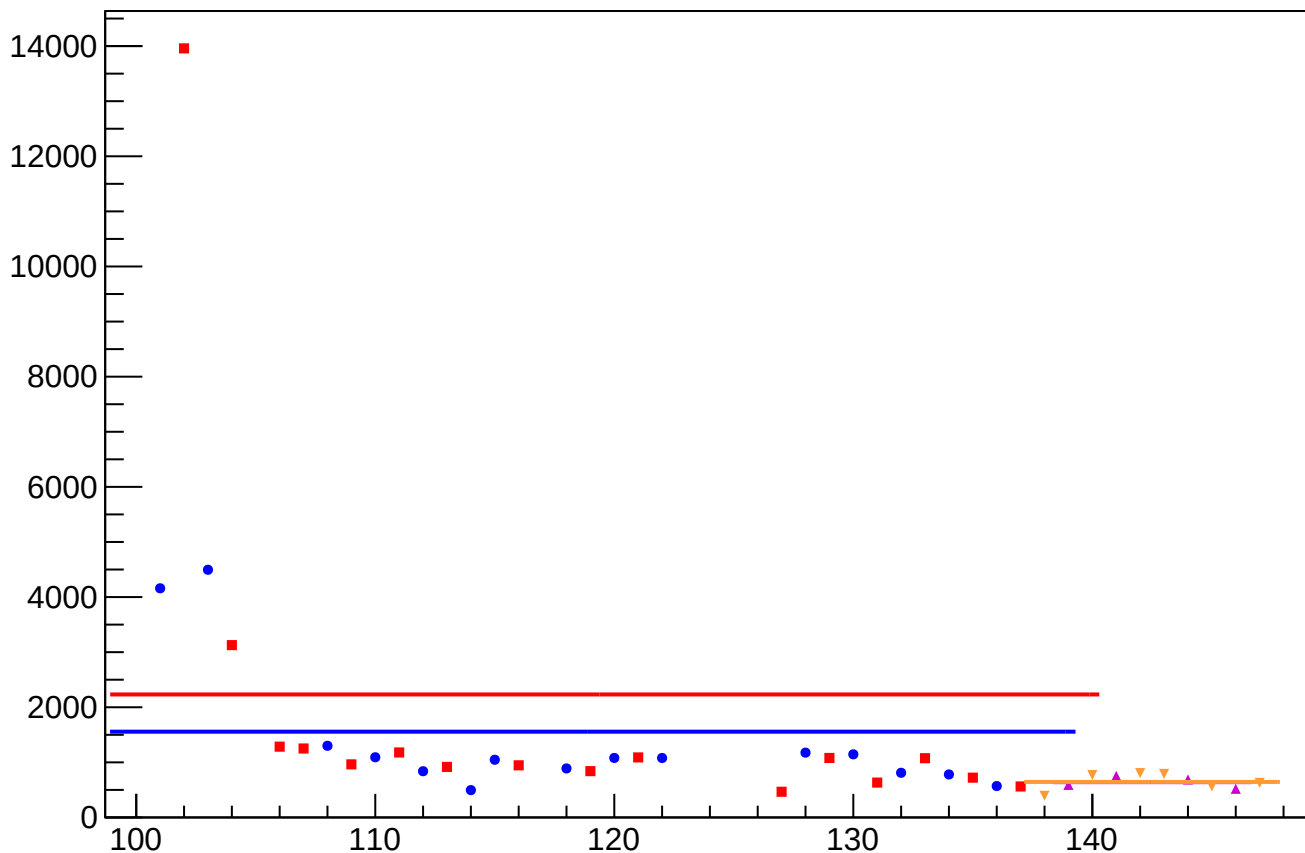
Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1028.301+/-0.000 χ^2/NDF : 29465975459740600207856017891951378432.0/5
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1107.820+/-0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_atr2_coil6_mean vs Slug



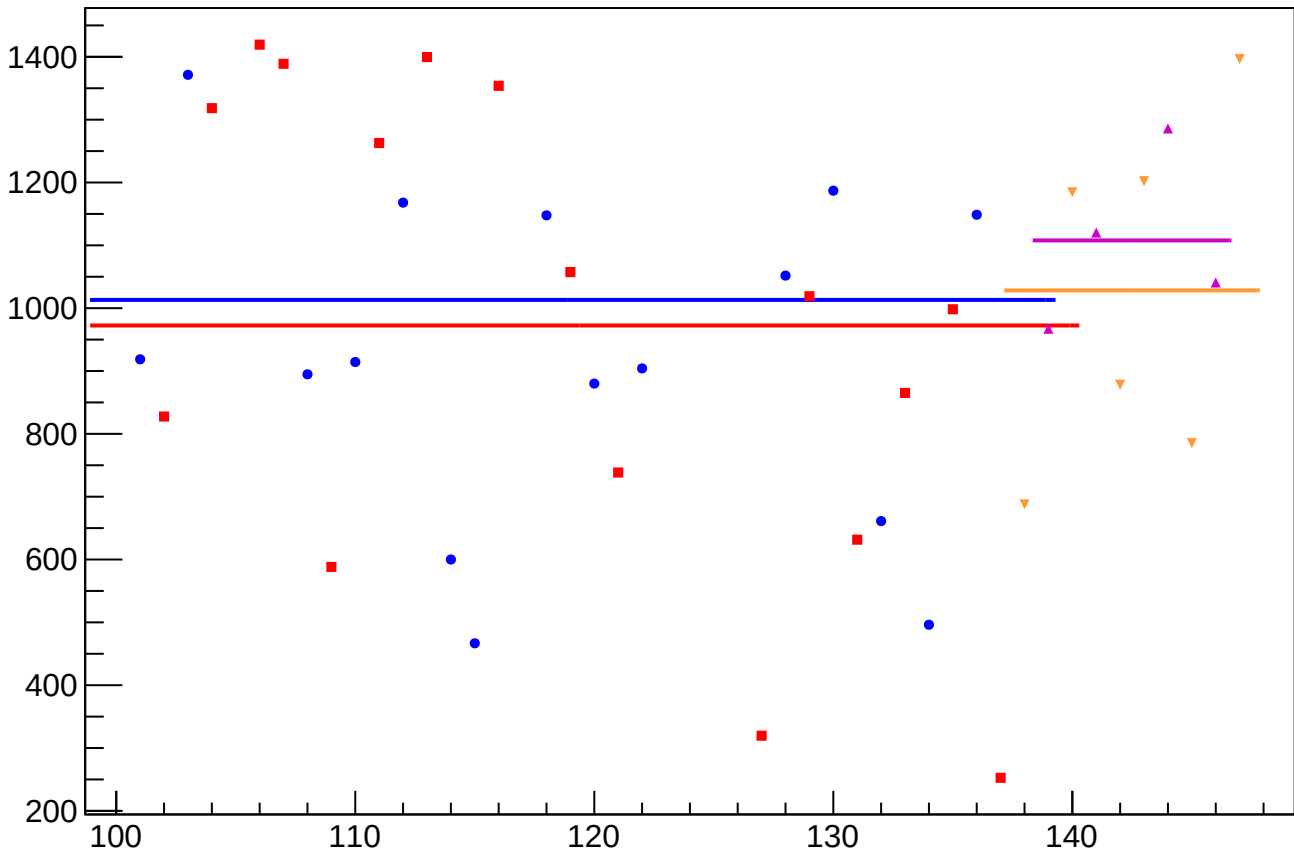
Right In: -4568.297+/-0.000 χ^2/NDF : 24195052148165719540713110921977756909568.0/14
 Left Out: -4893.484+/-0.000 χ^2/NDF : 710579309924592353018874417886403756032.0/5
 Right Out: -4170.773+/-0.000 χ^2/NDF : 30967248832187912041113909559481103024128.0/15
 Left In: -5092.736+/-0.000 χ^2/NDF : 95895769643187748710463806404523196416.0/3

dit_atr2_coil6_err_mean vs Slug



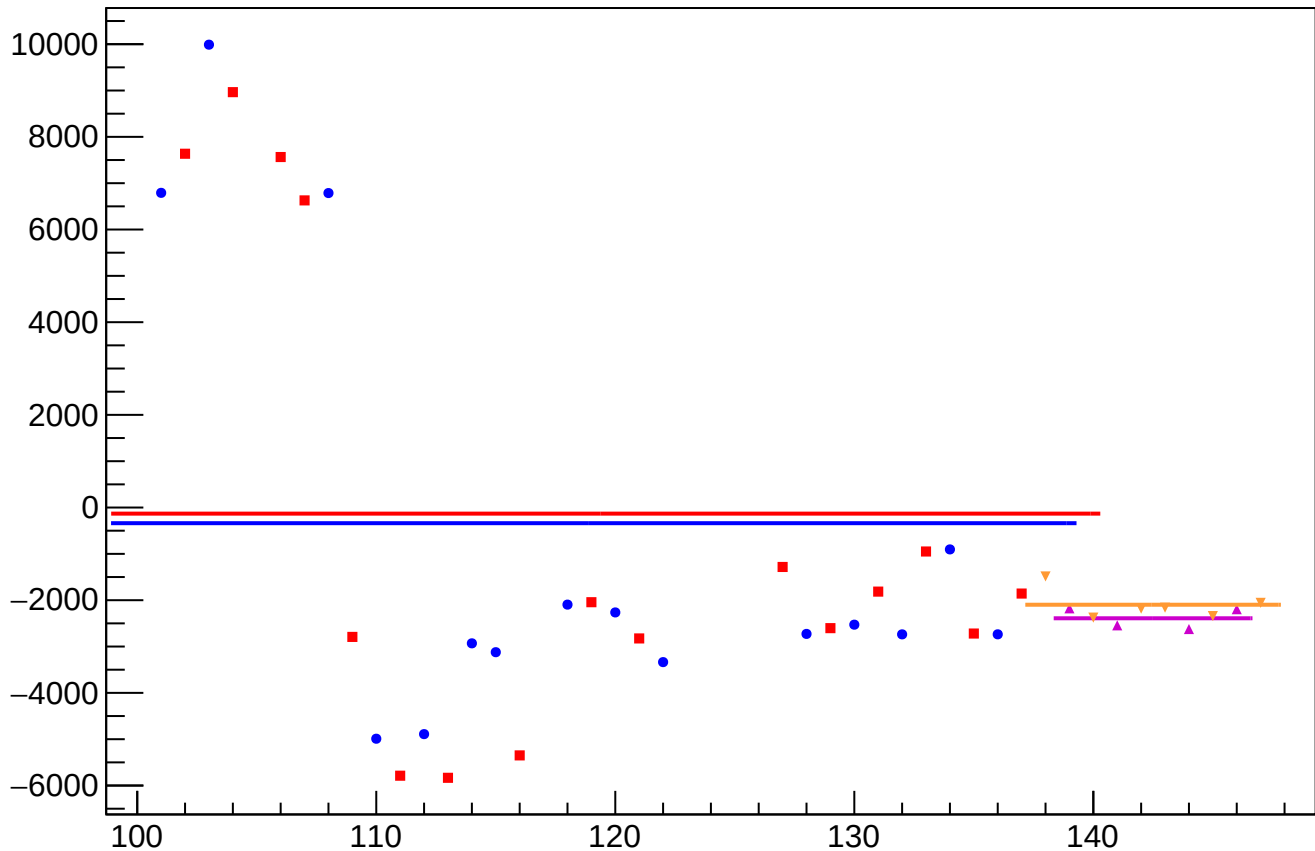
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 644.736+/-0.000 χ^2/NDF : 9323301541080359247073125883201978368.0/5
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 640.585+/-0.000 χ^2/NDF : 2705255887095543534559851904541655040.0/3

dit_atr2_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1028.301+/-0.000 χ^2/NDF : 29465975459740600207856017891951378432.0/5
 Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1107.820+/-0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

dit_sam1_coil6_mean vs Slug



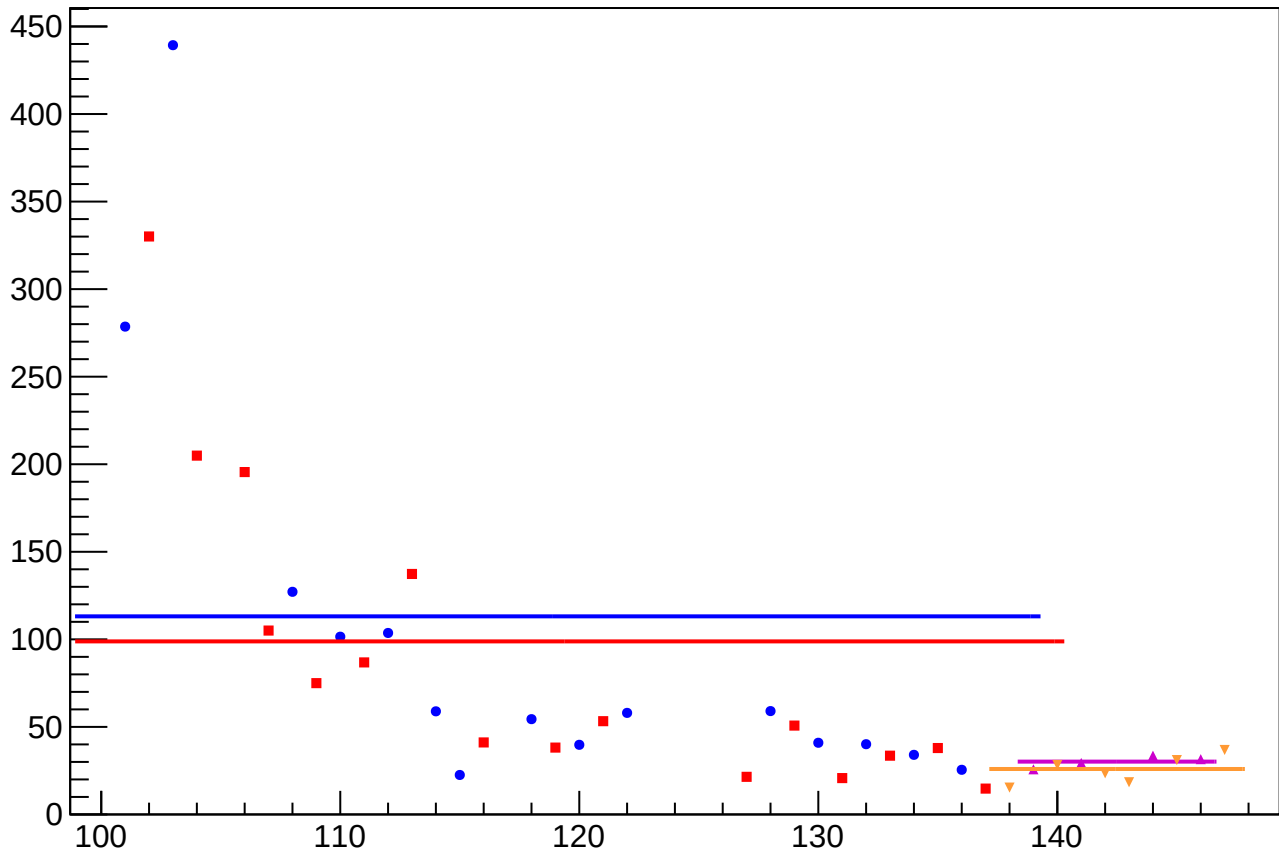
Right In: -337.865+/-0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14

Left Out: -2097.814+/-0.000 χ^2/NDF : 40991426880364730659560636616814886912.0/5

Right Out: -131.545+/-0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15

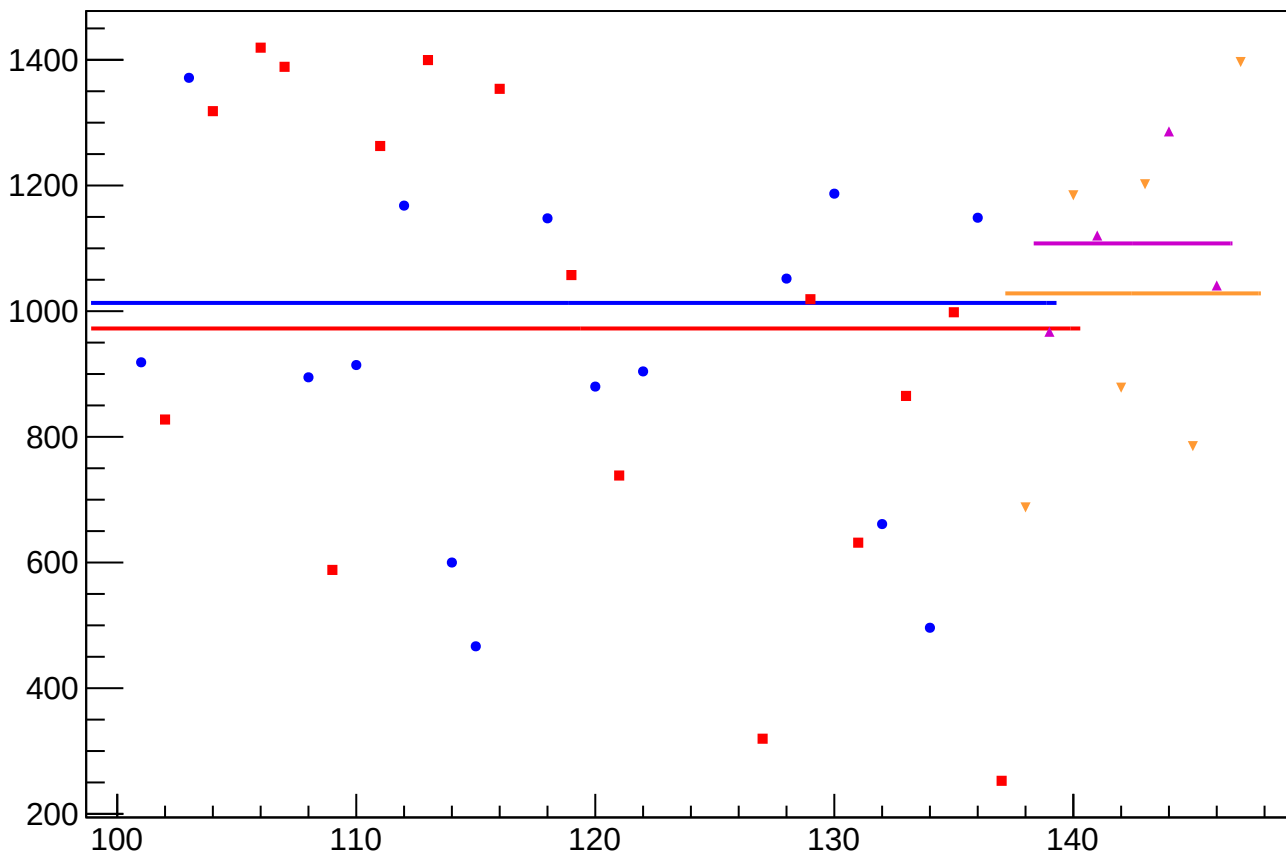
Left In: -2390.146+/-0.000 χ^2/NDF : 13686229281591495464136271472046899200.0/3

dit_sam1_coil6_err_mean vs Slug



Right In: 113.134 $\pm$ 0.000 χ^2 /NDF: 9989638354332004017458192433874468864.0/14
 Left Out: 25.965 $\pm$ 0.000 χ^2 /NDF: 24669374086321531088855208430665728.0/5
 Right Out: 98.833 $\pm$ 0.000 χ^2 /NDF: 5510365308590426333953610701260980224.0/15
 Left In: 30.174 $\pm$ 0.000 χ^2 /NDF: 2807025076342053877628483613491200.0/3

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000 χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

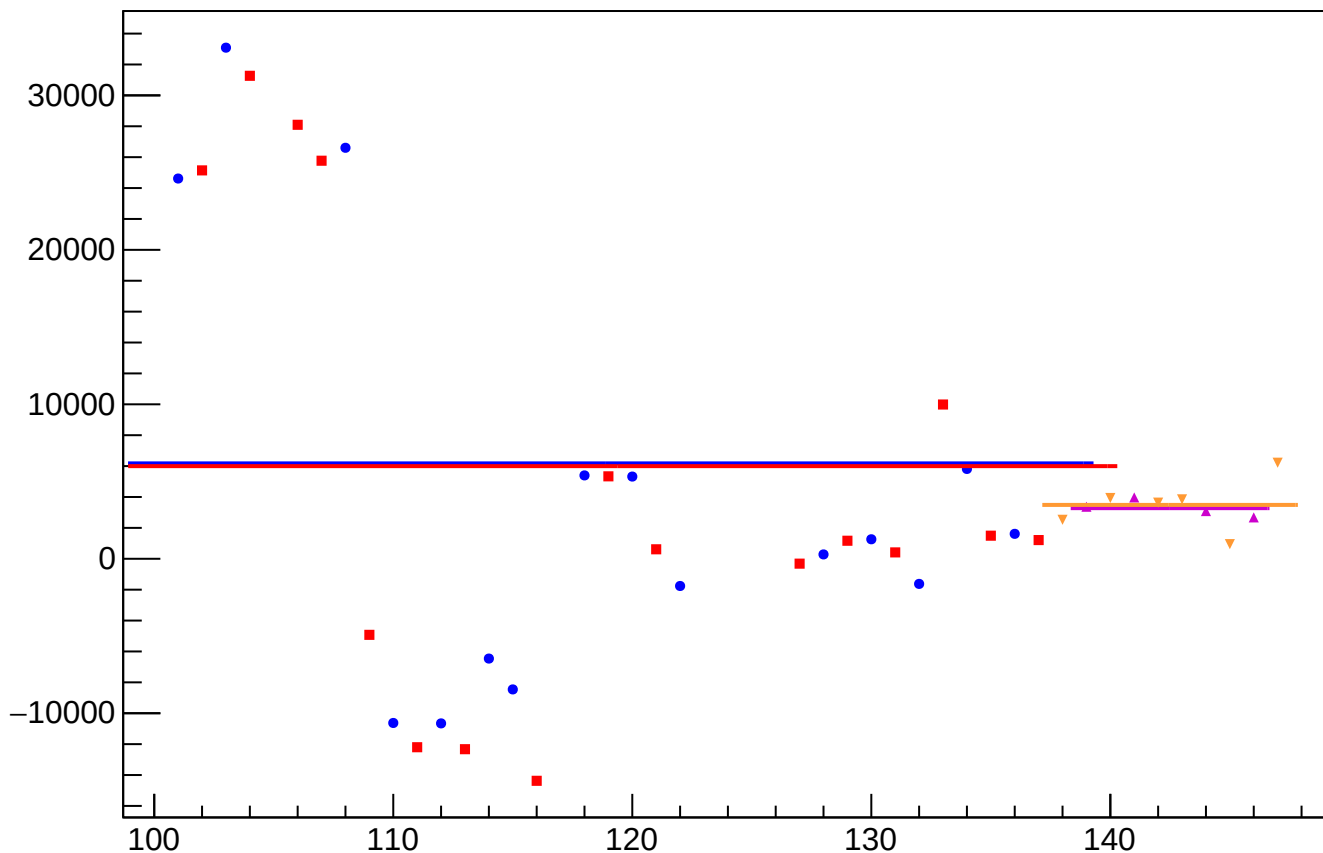
Left In: 1107.820+/-0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389

All: 1018.617+/-0.000 χ^2/NDF : 14905651421

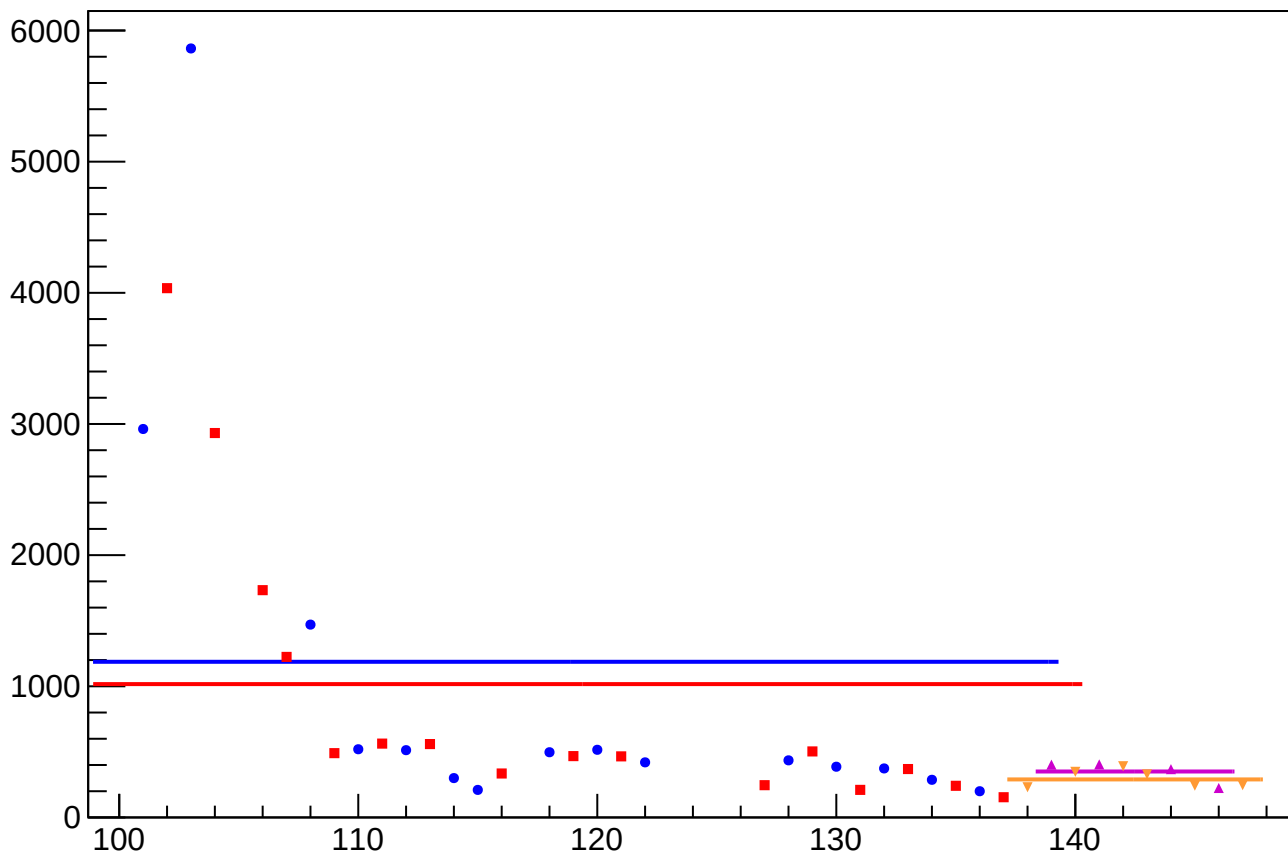
- sign 1017.987+/-0.000 χ^2/NDF : 87808933696767

dit_sam2_coil6_mean vs Slug



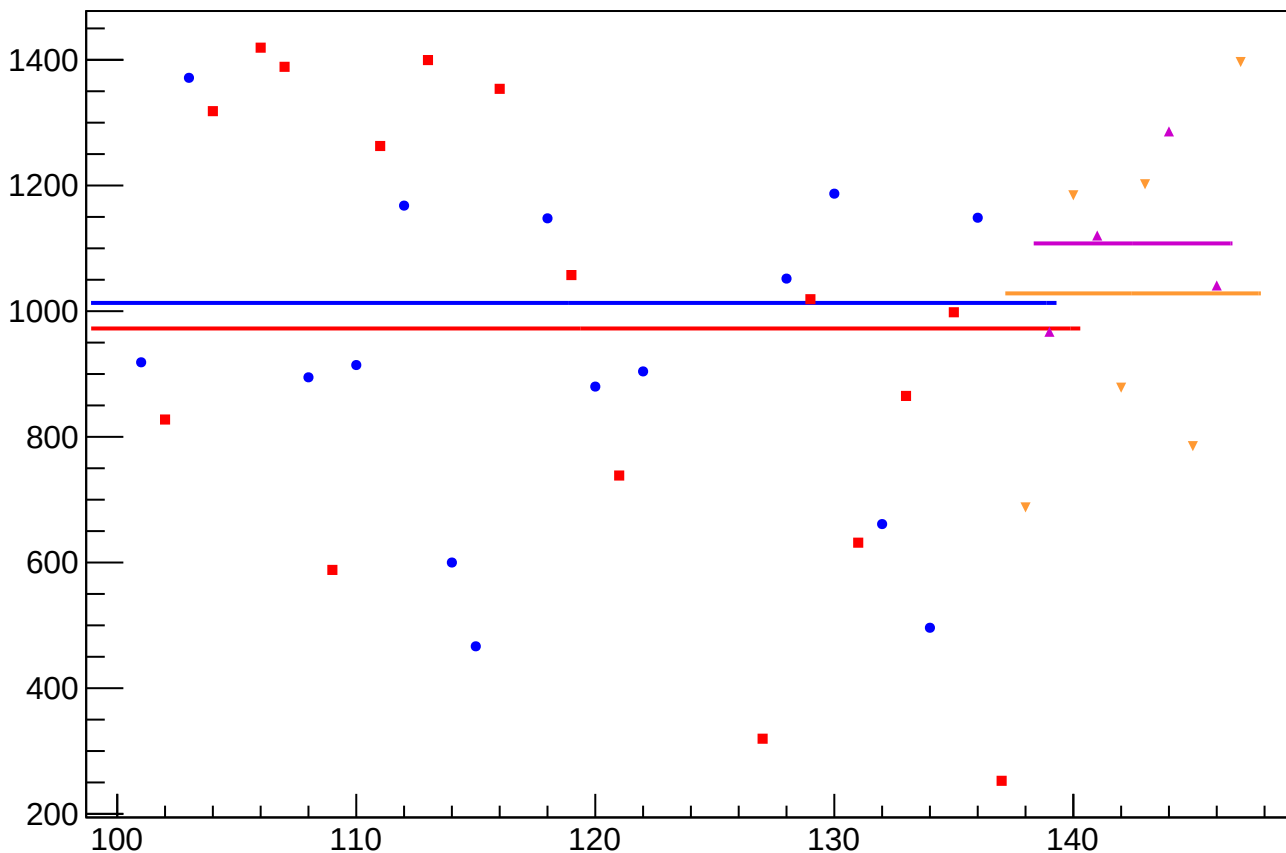
Right In: 6175.493+/-0.000 χ^2/NDF : 117260877162921223967478349050708452442112.0/14
 Left Out: 3487.257+/-0.000 χ^2/NDF : 1203078577156241123054370268239533965312.0/5
 Right Out: 5996.727+/-0.000 χ^2/NDF : 137057710785025136543407710107916356812800.0/15
 Left In: 3277.279+/-0.000 χ^2/NDF : 74378950142659808201269125533872947200.0/3

dit_sam2_coil6_err_mean vs Slug



Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 289.975 $\pm$ 0.000 χ^2 /NDF: 1454288532005790954442949644915834880.0/5
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 350.409 $\pm$ 0.000 χ^2 /NDF: 1808667948726205366102386853271306240.0/3

dit_sam2_coil6_Ndata_mean vs Slug



Right In: 1013.146 +/- 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301 +/- 0.000 χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: 972.465 +/- 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

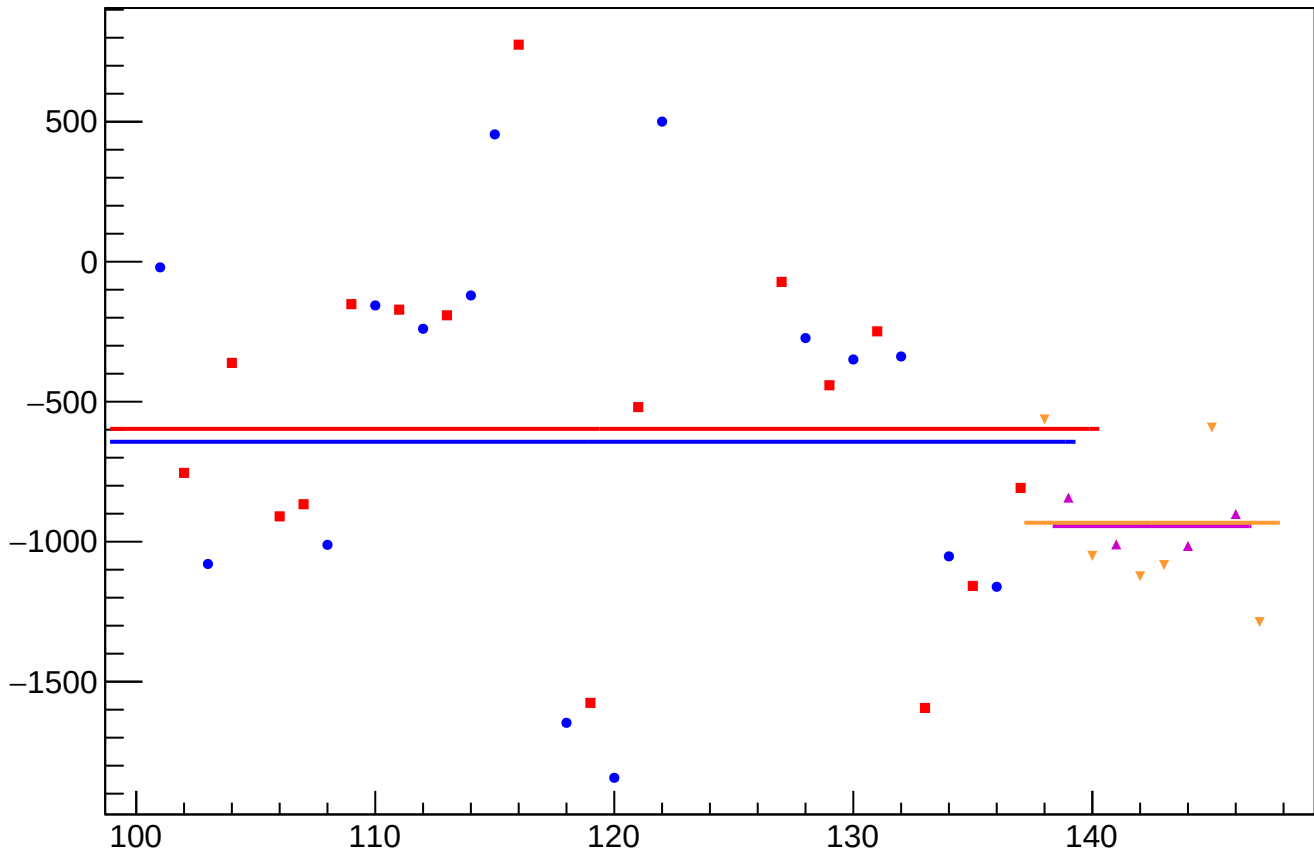
Left In: 1107.820 +/- 0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

+ sign 1019.203 +/- 0.000 χ^2/NDF : 61246811028389

All: 1018.617 +/- 0.000 χ^2/NDF : 14905651421

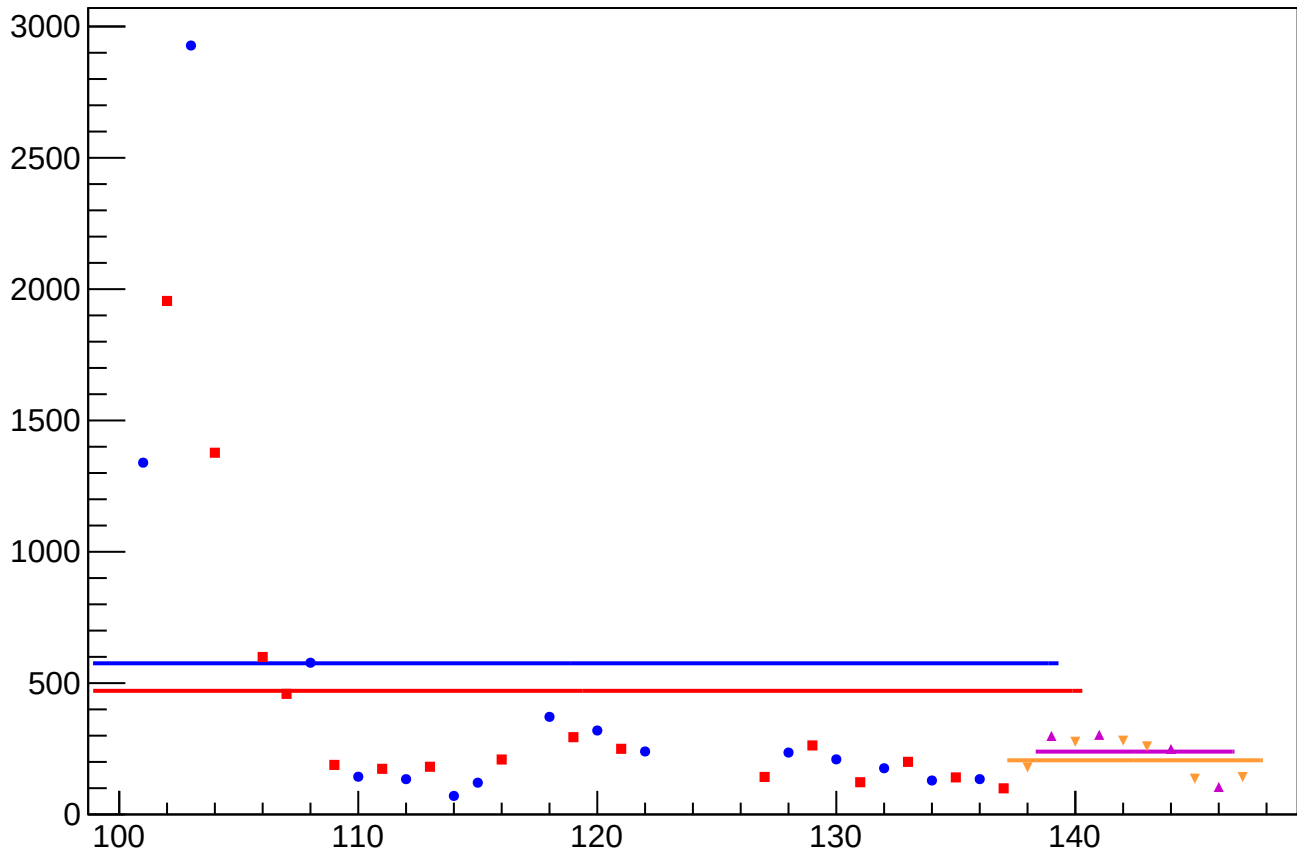
- sign 1017.987 +/- 0.000 χ^2/NDF : 87808933696767

dit_sam3_coil6_mean vs Slug



Right In: -643.217+/-0.000 χ^2/NDF : 272726964608206694027285159784925364224.0/14
 Left Out: -932.382+/-0.000 χ^2/NDF : 34154270807774830691386968598089039872.0/5
 Right Out: -597.043+/-0.000 χ^2/NDF : 210733370798031449363504004319005376512.0/15
 Left In: -944.363+/-0.000 χ^2/NDF : 1801900396873795828992291653302616064.0/3

dit_sam3_coil6_err_mean vs Slug



Right In: 575.526+/-0.000 χ^2/NDF : 432680039285849719493276471277131923456.0/14

Left Out: 206.186+/-0.000 χ^2/NDF : 1625267866141793455601311972677648384.0/5

Right Out: 470.716+/-0.000 χ^2/NDF : 209310604291868219806073768764512403456.0/15

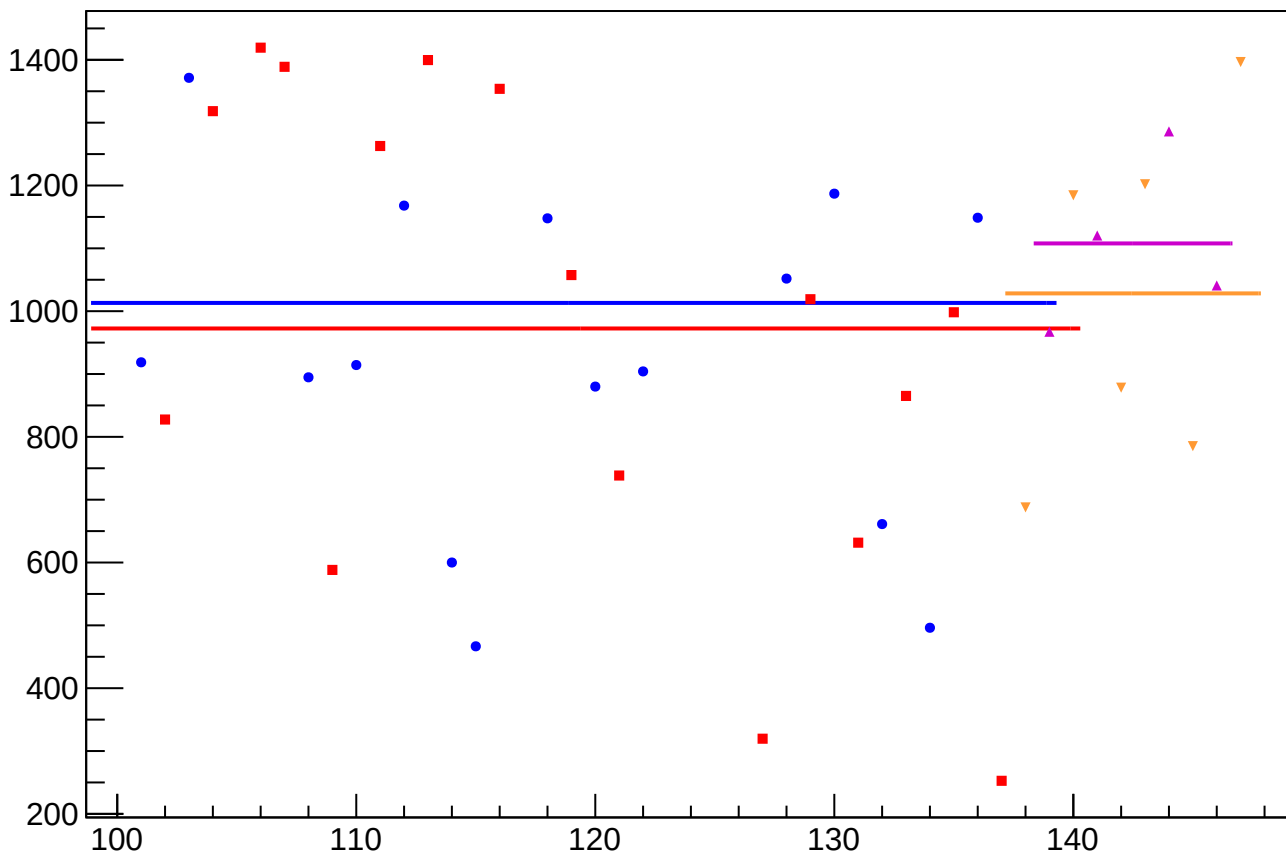
Left In: 239.259+/-0.000 χ^2/NDF : 2149332918925522220502873052658270208.0/3

+ sign 427.926+/-0.000 χ^2/NDF : 469685168208650

All: 411.038+/-0.000 χ^2/NDF : 693802604128

- sign 392.873+/-0.000 χ^2/NDF : 223477485153898

dit_sam3_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1028.301 $\pm$ 0.000 χ^2 /NDF: 29465975459740600207856017891951378432.0/5

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

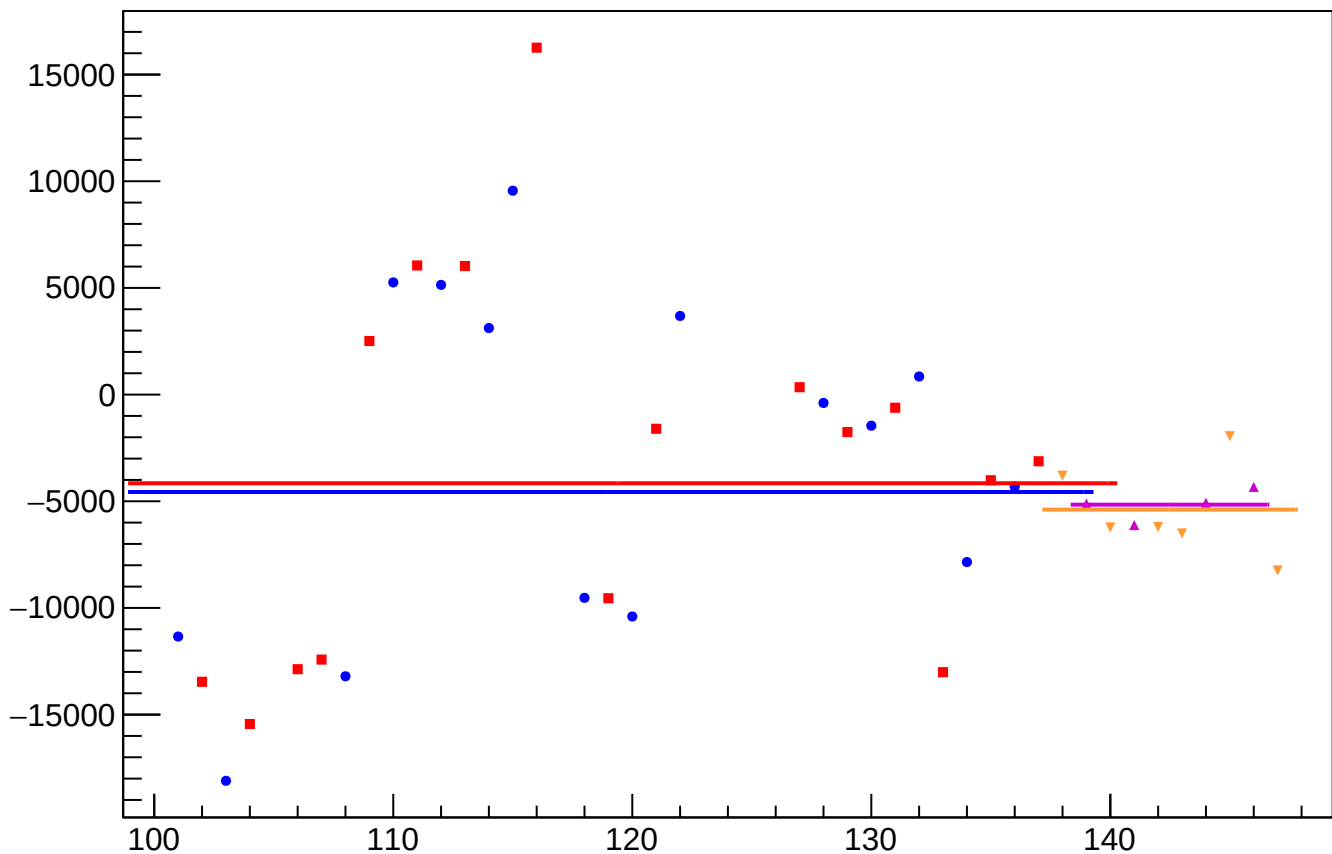
Left In: 1107.820 $\pm$ 0.000 χ^2 /NDF: 4814649577307381267656377641960734720.0/3

+ sign 1019.203 $\pm$ 0.000 χ^2 /NDF: 61246811028389

All: 1018.617 $\pm$ 0.000 χ^2 /NDF: 14905651421

- sign 1017.987 $\pm$ 0.000 χ^2 /NDF: 87808933696767

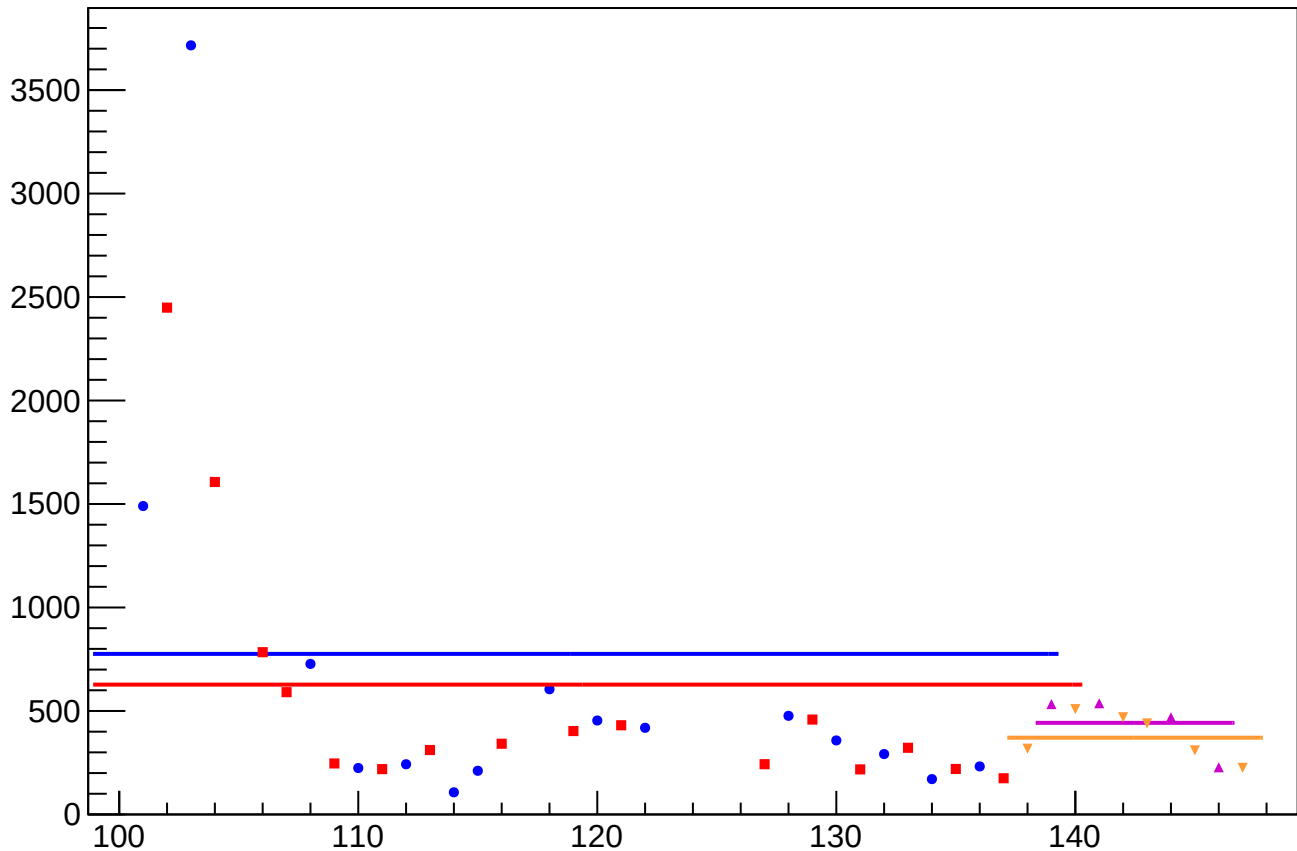
dit_sam4_coil6_mean vs Slug



Right In: -4565.412+/-0.000	χ^2/NDF : 35667768247432289984899042725155487875072.0/14
Left Out: -5391.831+/-0.000	χ^2/NDF : 1961113491053307854710499434268656140288.0/5
Right Out: -4156.859+/-0.000	χ^2/NDF : 45539455441659927157708443099930682195968.0/15
Left In: -5159.213+/-0.000	χ^2/NDF : 136101942786261150950951568702236000256.0/3

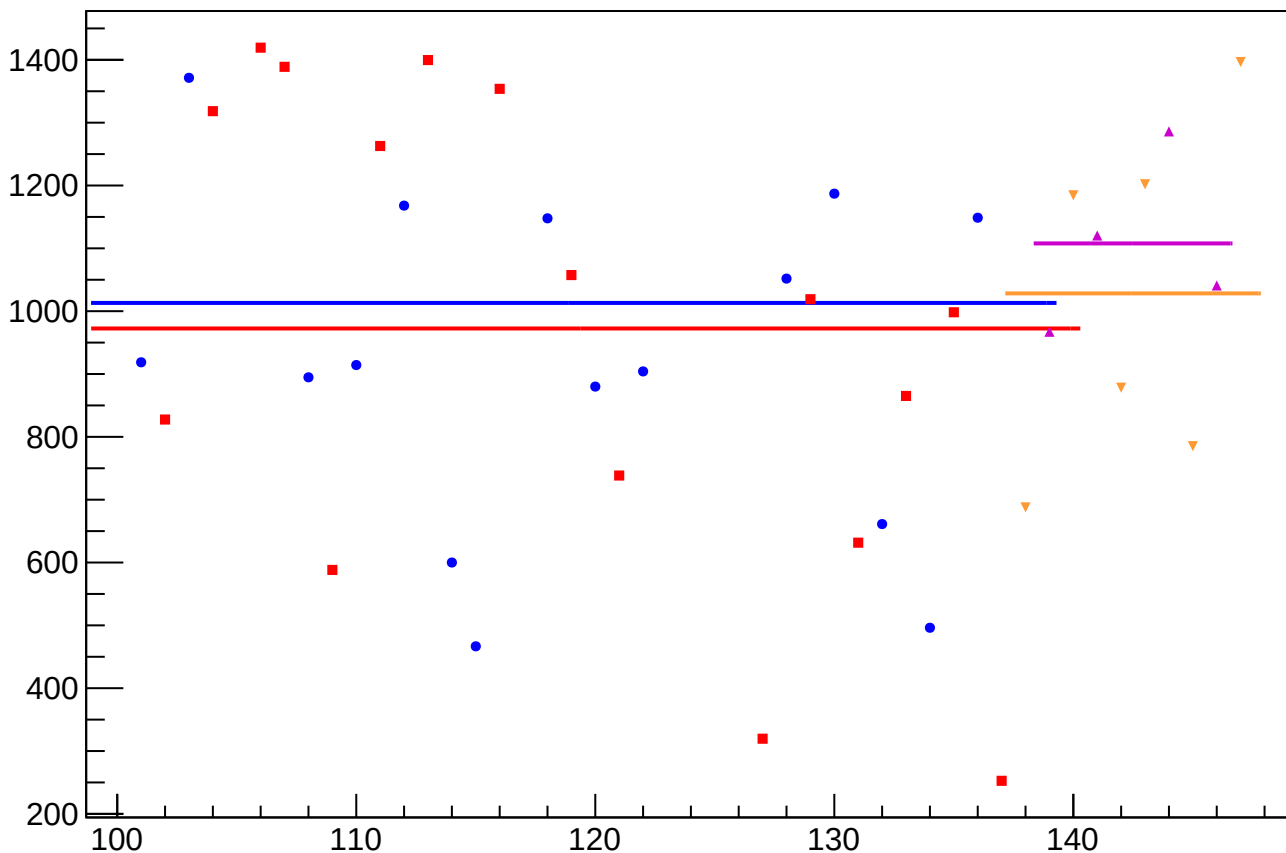
+ sign -4895.674+/-0.000 χ^2/NDF : 3780601641563
 All: -4702.139+/-0.000 χ^2/NDF : 8379099667
 - sign -4493.969+/-0.000 χ^2/NDF : 45900938994940

dit_sam4_coil6_err_mean vs Slug



Right In: 775.824+/-0.000 χ^2/NDF : 641856726975740612716432458612629045248.0/14
 Left Out: 370.838+/-0.000 χ^2/NDF : 4506935635328970550394348827502968832.0/5
 Right Out: 627.315+/-0.000 χ^2/NDF : 297517676171111924966086193860621369344.0/15
 Left In: 442.591+/-0.000 χ^2/NDF : 5318511237716983149310587102132436992.0/3

dit_sam4_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000 χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

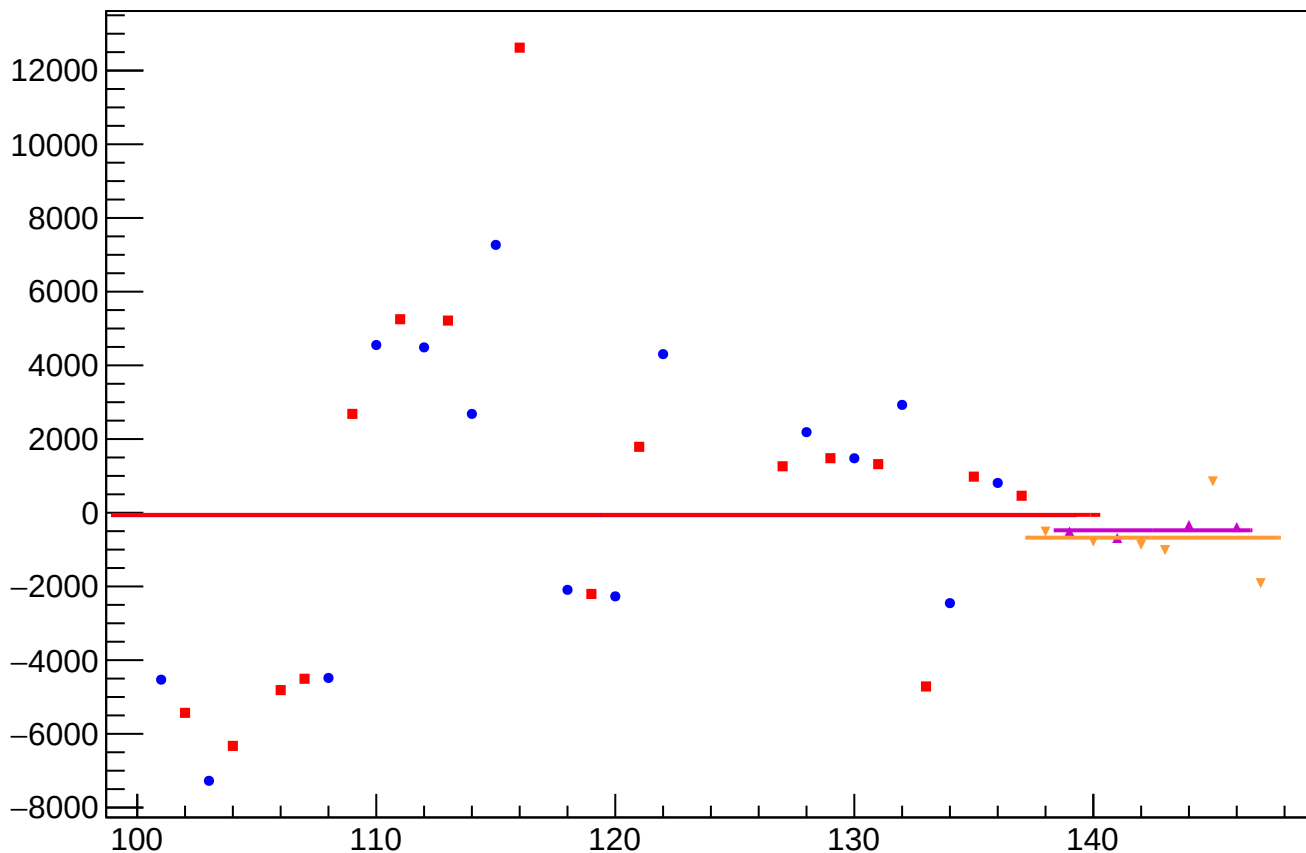
Left In: 1107.820+/-0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389

All: 1018.617+/-0.000 χ^2/NDF : 14905651421

- sign 1017.987+/-0.000 χ^2/NDF : 87808933696767

dit_sam5_coil6_mean vs Slug



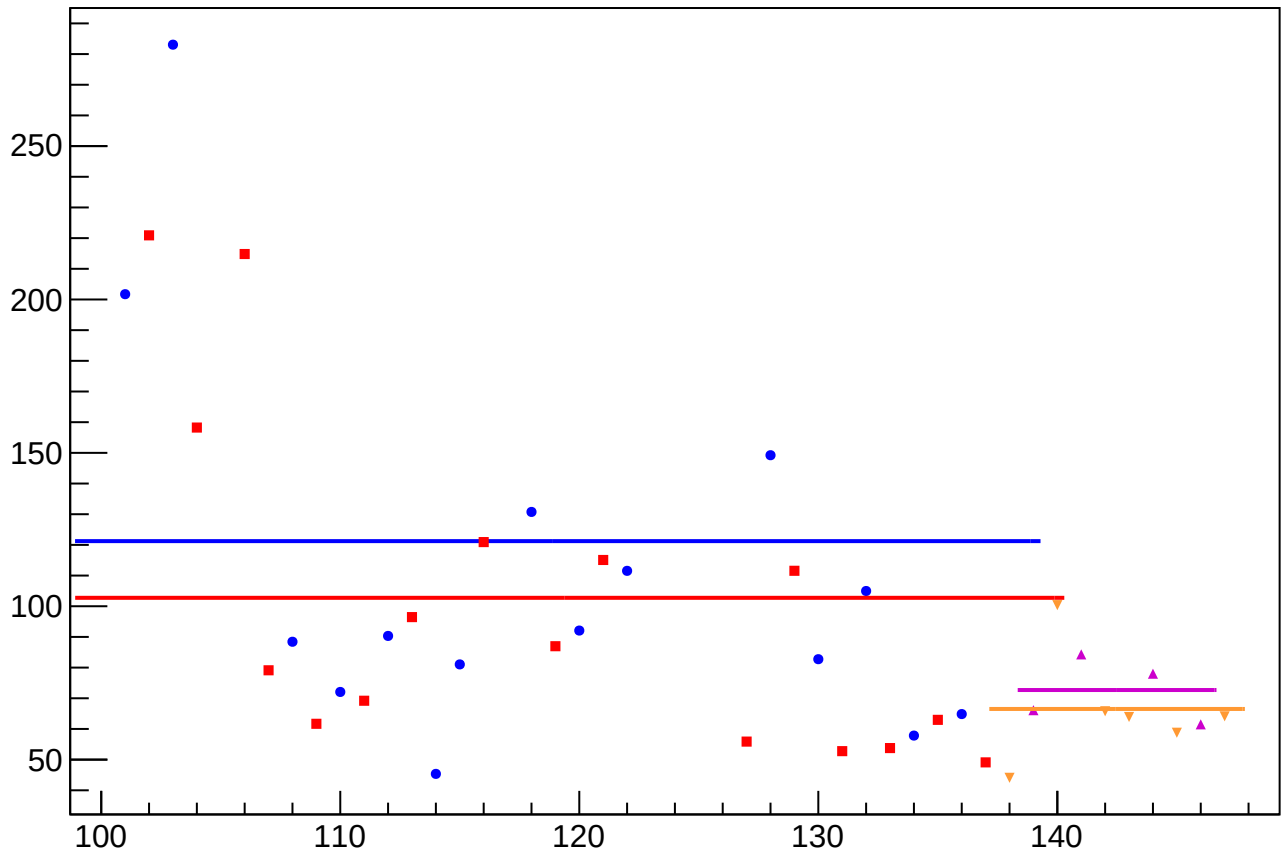
Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14

Left Out: -676.113+/-0.000 χ^2/NDF : 320258951023352918248522466946975793152.0/5

Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15

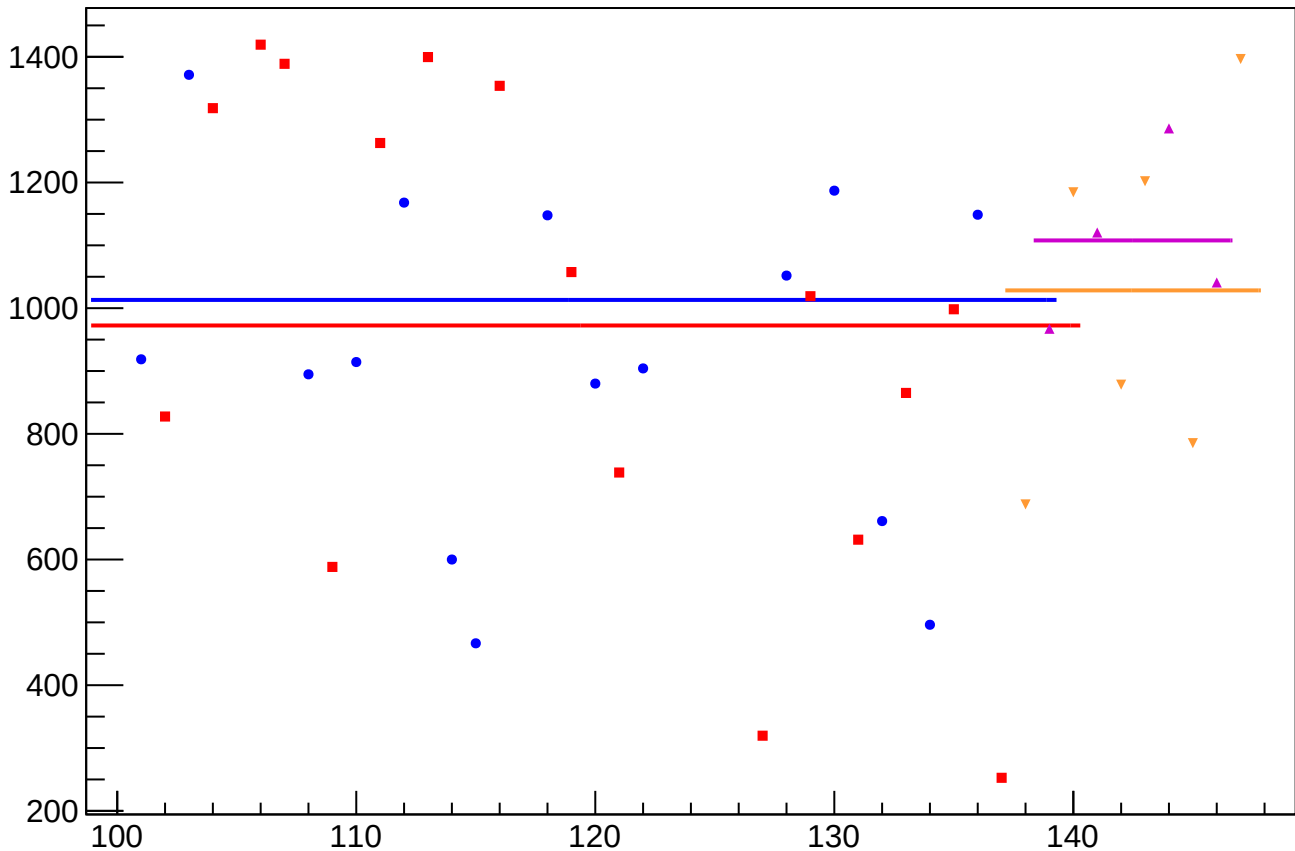
Left In: -476.493+/-0.000 χ^2/NDF : 6247424292059779682012207924373356544.0/3

dit_sam5_coil6_err_mean vs Slug



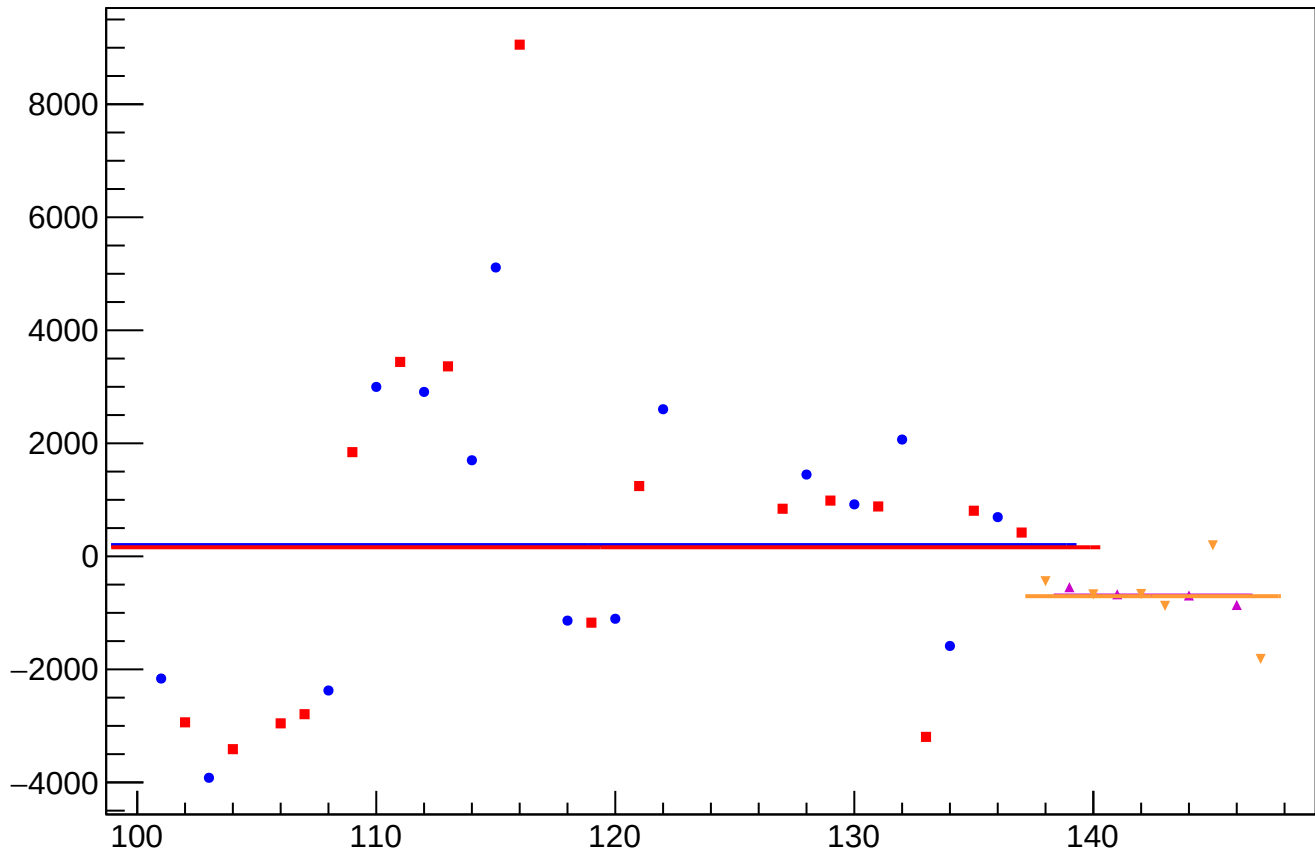
Right In: 121.228 $\pm$ 0.000 χ^2 /NDF: 2723170857684362574800637594861305856.0/14
 Left Out: 66.516 $\pm$ 0.000 χ^2 /NDF: 138990683532031096926701463506255872.0/5
 Right Out: 102.749 $\pm$ 0.000 χ^2 /NDF: 1967668024846010333654427670555918336.0/15
 Left In: 72.689 $\pm$ 0.000 χ^2 /NDF: 27882033523452090165356695111335936.0/3

dit_sam5_coil6_Ndata_mean vs Slug



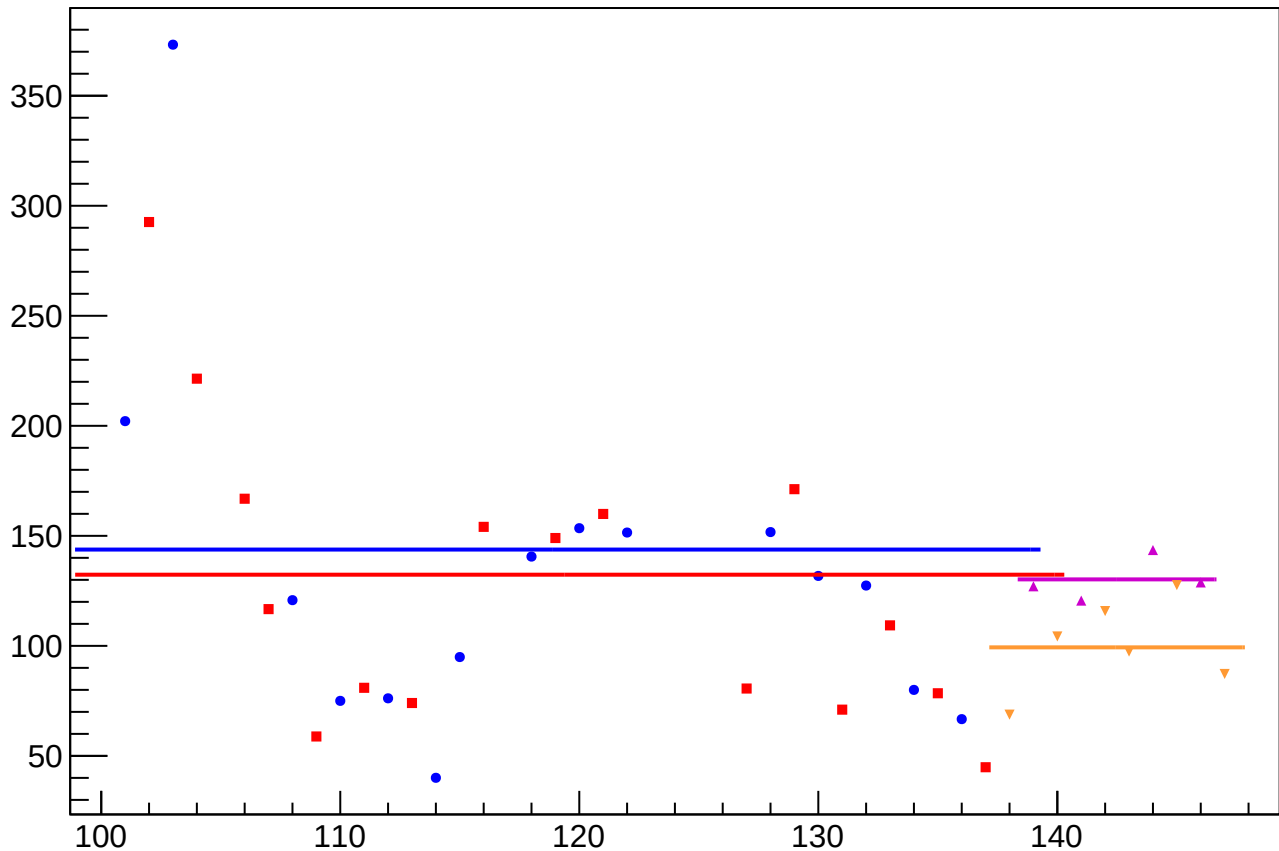
Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14
 Left Out: 1028.301 $\pm$ 0.000 χ^2 /NDF: 29465975459740600207856017891951378432.0/5
 Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15
 Left In: 1107.820 $\pm$ 0.000 χ^2 /NDF: 4814649577307381267656377641960734720.0/3

dit_sam6_coil6_mean vs Slug



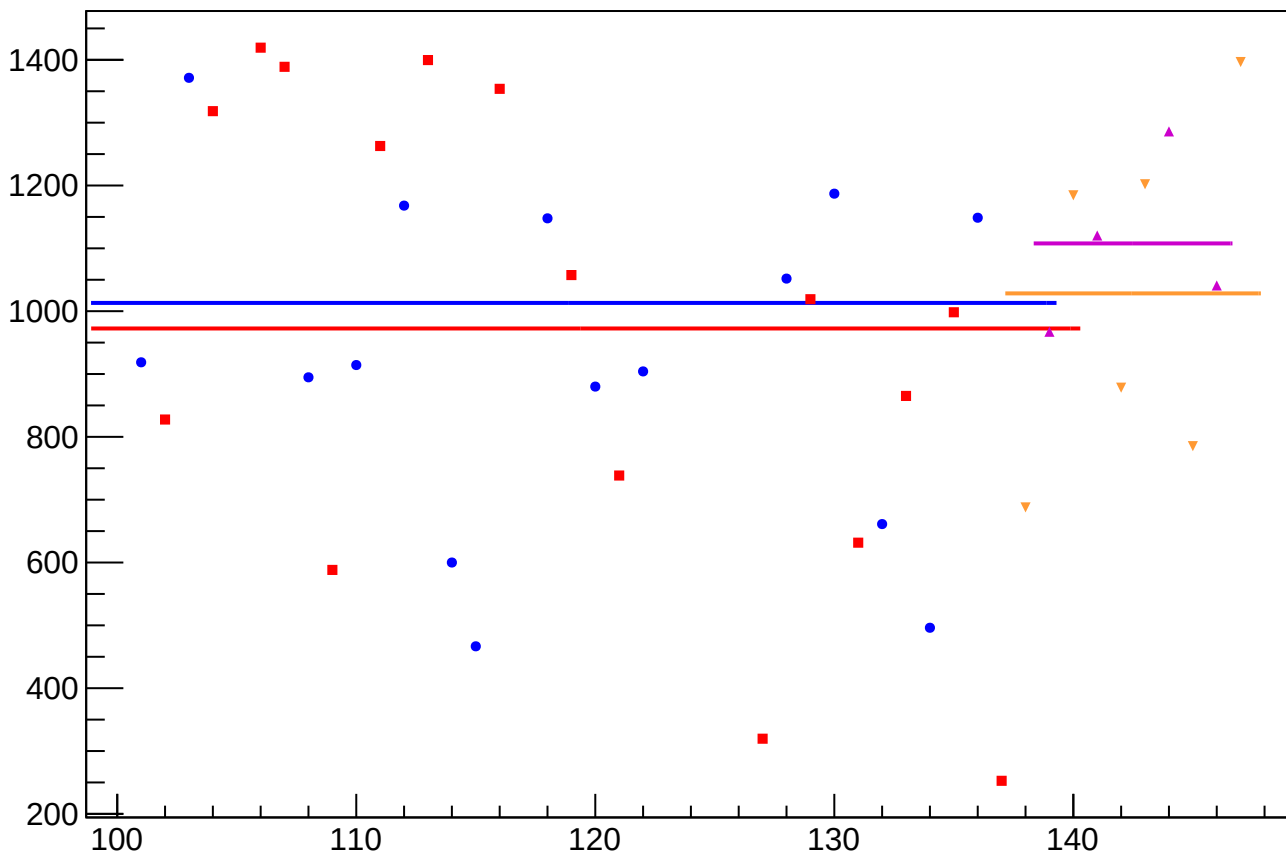
Right In: 199.503+/-0.000 χ^2/NDF : 3268159745923533825045181664876849790976.0/14
 Left Out: -705.139+/-0.000 χ^2/NDF : 169277232263161775735425766622855430144.0/5
 Right Out: 160.512+/-0.000 χ^2/NDF : 5680576709461197901526729703706251493376.0/15
 Left In: -693.147+/-0.000 χ^2/NDF : 4117234176557455625014493617749753856.0/3

dit_sam6_coil6_err_mean vs Slug



Right In: 143.764 ± 0.000 χ^2/NDF : 4514785869565777849900508591821946880.0/14
 Left Out: 99.321 ± 0.000 χ^2/NDF : 163893075966600503097954647318462464.0/5
 Right Out: 132.341 ± 0.000 χ^2/NDF : 3174087908796245287682359914282352640.0/15
 Left In: 130.208 ± 0.000 χ^2/NDF : 24690863982903864775531234928361472.0/3
 All: 128.711 ± 0.000 χ^2/NDF : 840720282627
 + sign 126.003 ± 0.000 χ^2/NDF : 519095186746065
 - sign 131.623 ± 0.000 χ^2/NDF : 319979915193143

dit_sam6_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000 χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

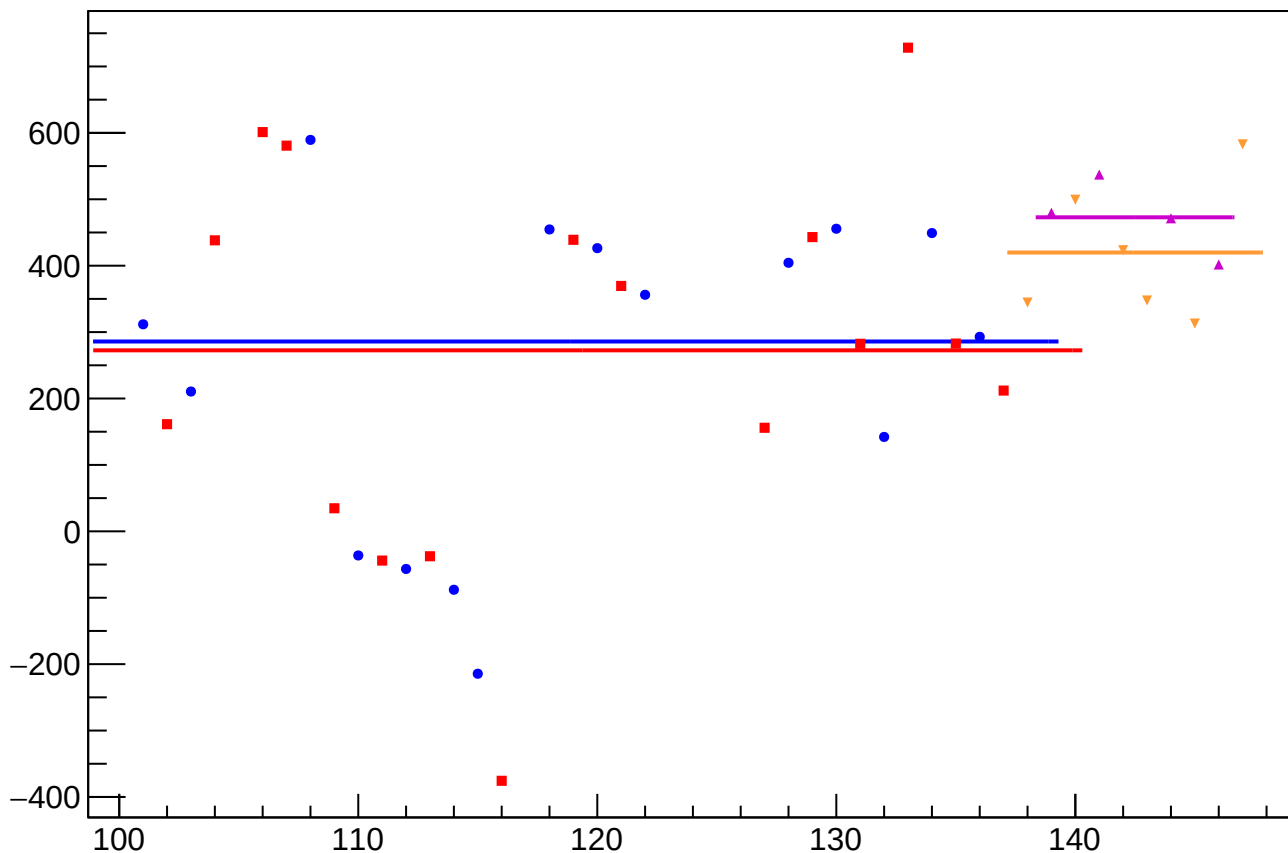
Left In: 1107.820+/-0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389

All: 1018.617+/-0.000 χ^2/NDF : 14905651421

- sign 1017.987+/-0.000 χ^2/NDF : 87808933696767

dit_sam7_coil6_mean vs Slug



Right In: 285.856+/-0.000 χ^2/NDF : 24108244802355530064663311301086281728.0/14

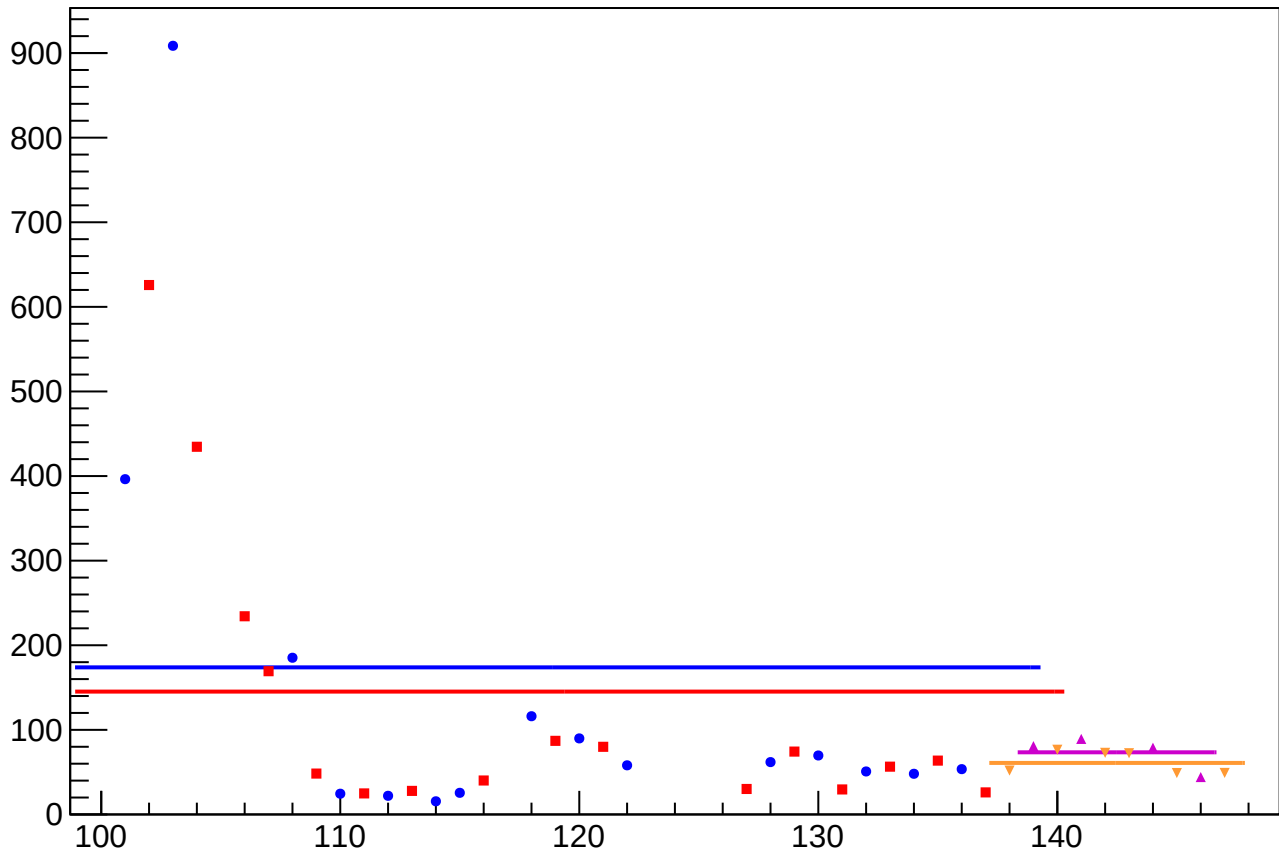
Left Out: 419.846+/-0.000 χ^2/NDF : 4307433623633101923479027472303915008.0/5

Right Out: 272.539+/-0.000 χ^2/NDF : 44149952665075593650338713333575712768.0/15

Left In: 472.866+/-0.000 χ^2/NDF : 775366151656631633635401208950685696.0/3

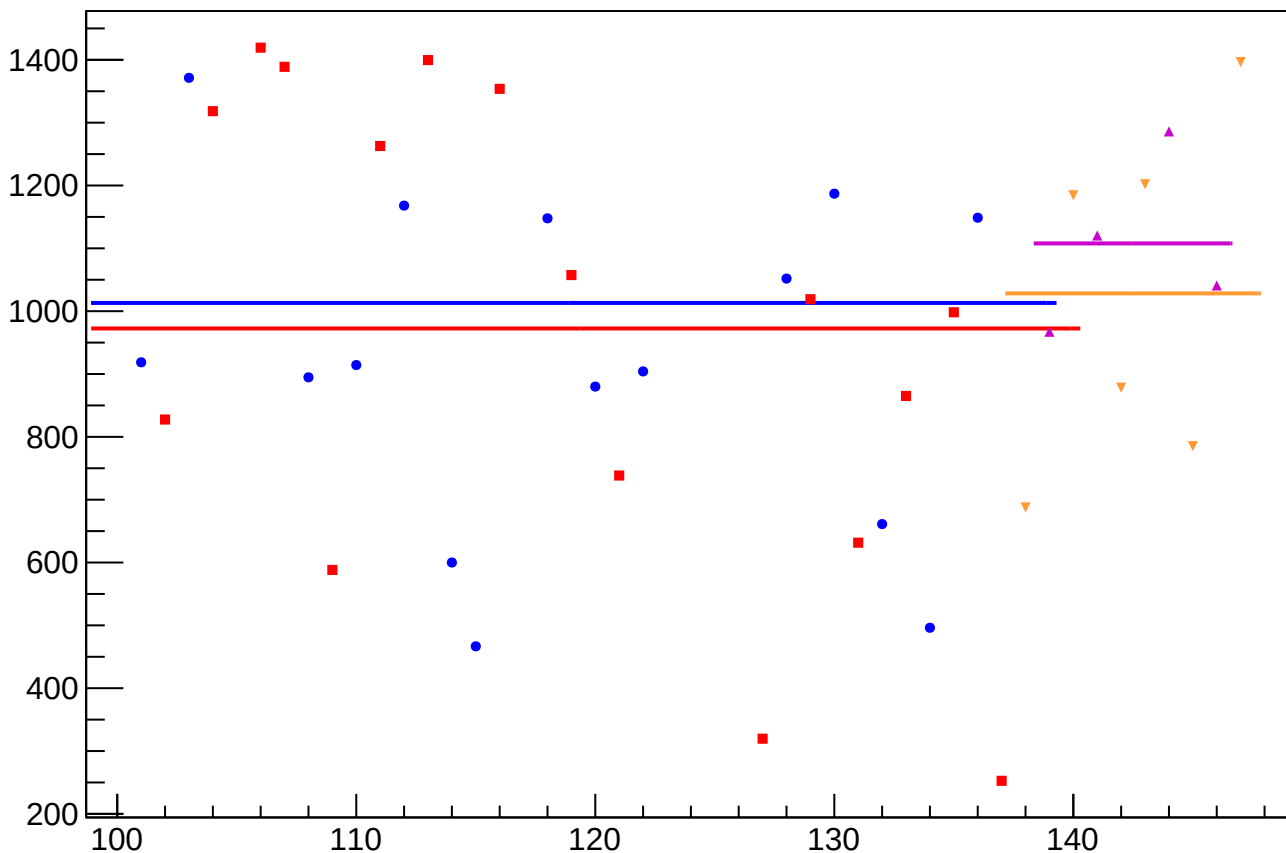
All: 339.648+/-0.000 χ^2/NDF : 869999147837.0/14

dit_sam7_coil6_err_mean vs Slug



Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Left Out: 60.914+/-0.000 χ^2/NDF : 64063903365626222759645504702775296.0/5
 Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Left In: 73.458+/-0.000 χ^2/NDF : 99299938887792487629611256776753152.0/3

dit_sam7_coil6_Ndata_mean vs Slug



Right In: 1013.146 $\pm$ 0.000 χ^2 /NDF: 31721270909522099205936100724856324096.0/14

Left Out: 1028.301 $\pm$ 0.000 χ^2 /NDF: 29465975459740600207856017891951378432.0/5

Right Out: 972.465 $\pm$ 0.000 χ^2 /NDF: 78884457200782655962756069915468234752.0/15

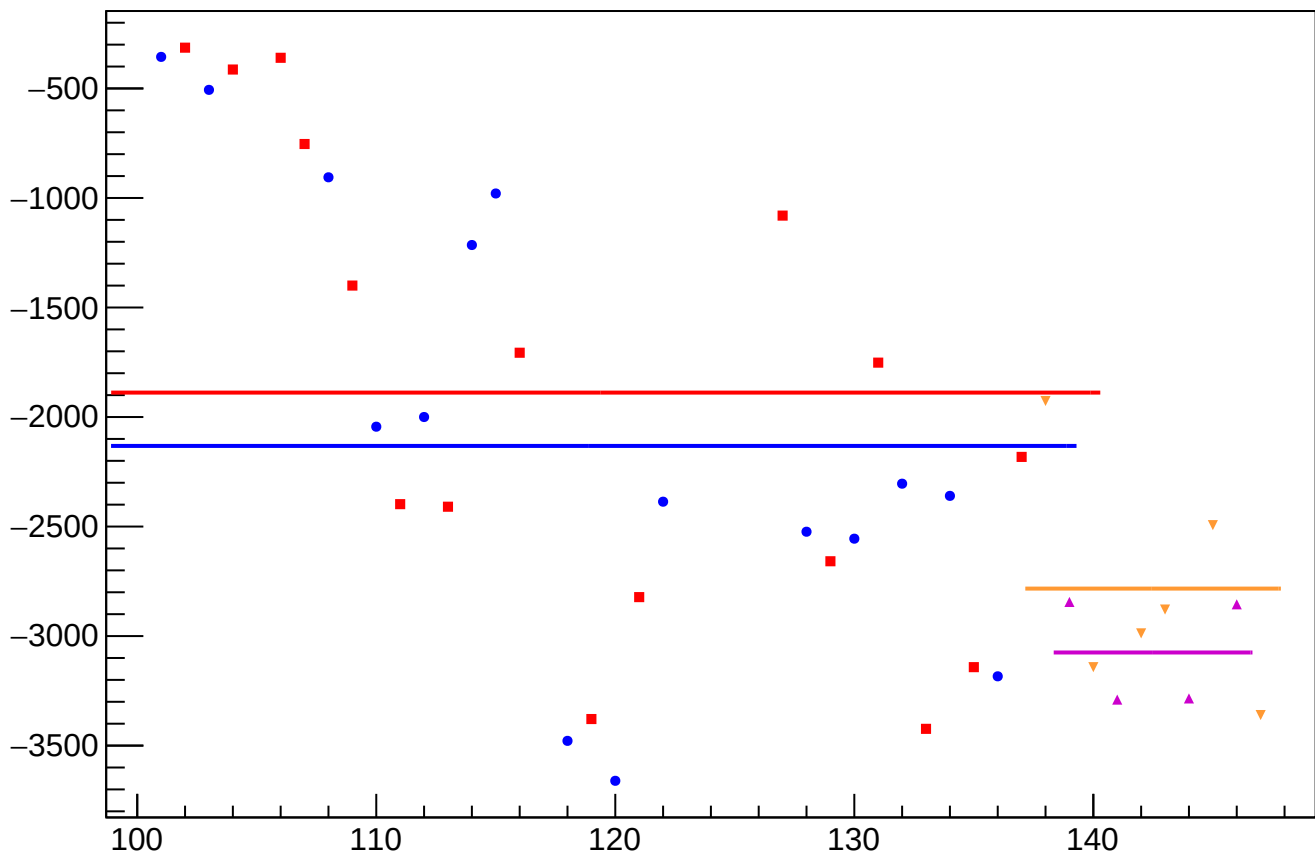
Left In: 1107.820 $\pm$ 0.000 χ^2 /NDF: 4814649577307381267656377641960734720.0/3

+ sign 1019.203 $\pm$ 0.000 χ^2 /NDF: 61246811028389

All: 1018.617 $\pm$ 0.000 χ^2 /NDF: 14905651421

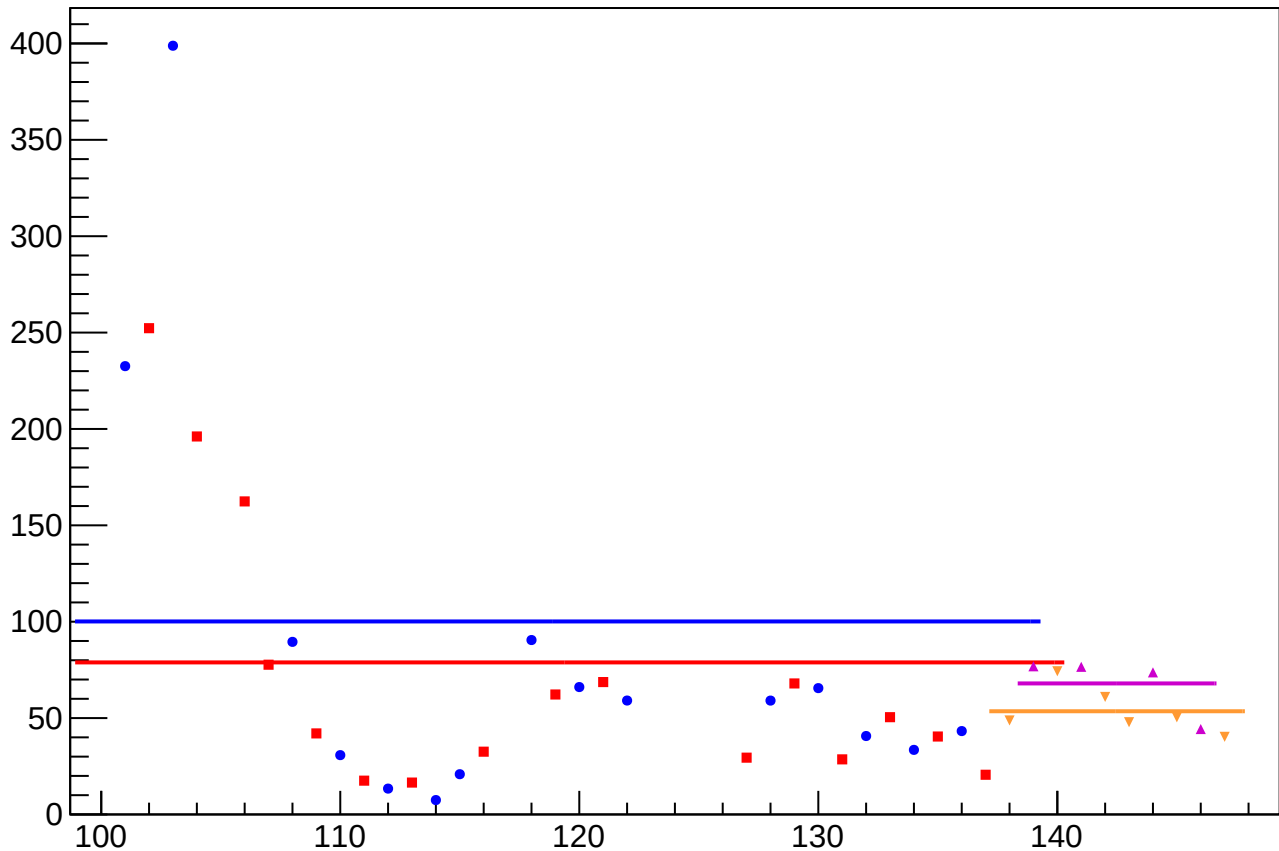
- sign 1017.987 $\pm$ 0.000 χ^2 /NDF: 87808933696767

dit_sam8_coil6_mean vs Slug



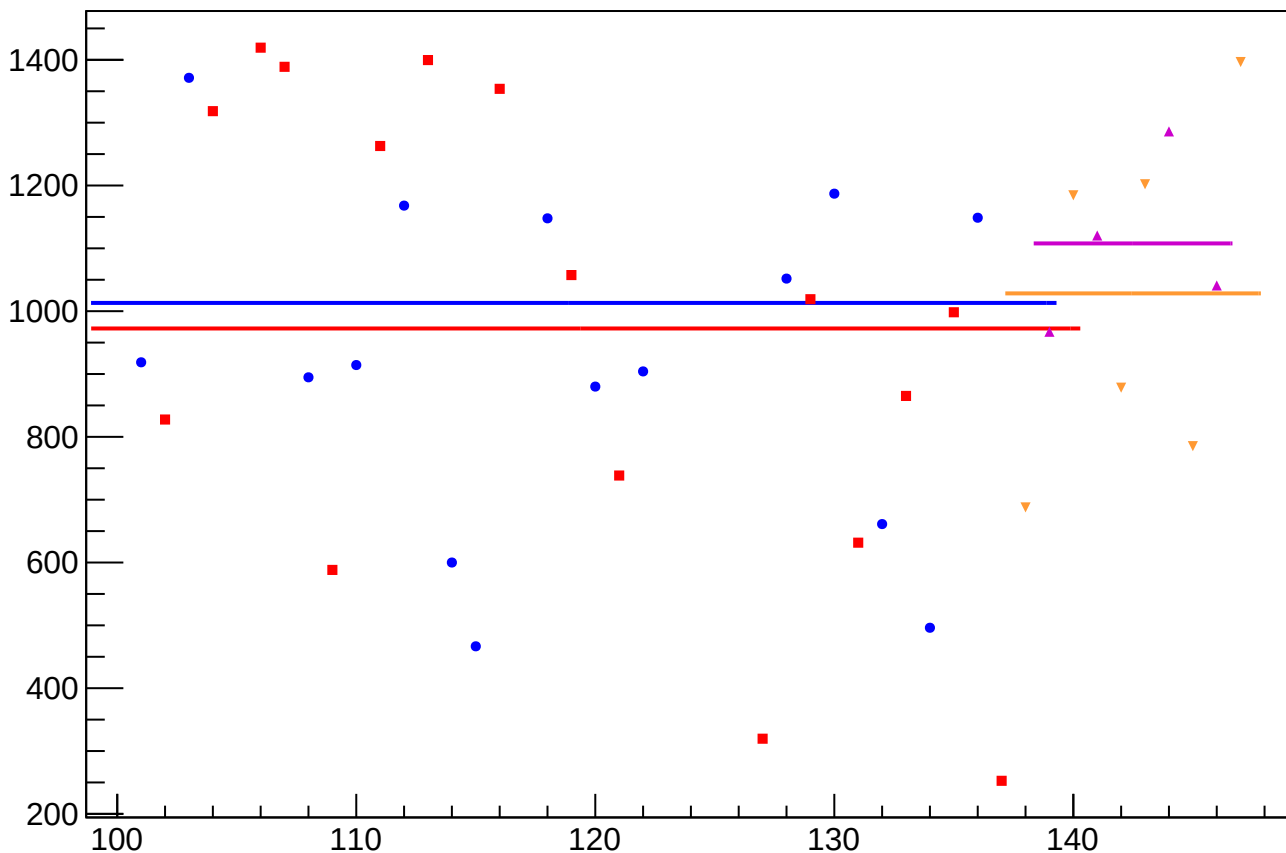
Right In: -2131.905+/-0.000 χ^2/NDF : 722433384570495071131450661983670501376.0/14
 Left Out: -2783.219+/-0.000 χ^2/NDF : 103080518177986402783928163612959440896.0/5
 Right Out: -1888.448+/-0.000 χ^2/NDF : 791986665551980691032719862611769819136.0/15
 Left In: -3074.904+/-0.000 χ^2/NDF : 16171926459410813943207635130469318656.0/3
 All: -2341.740+/-0.000 χ^2/NDF : 2065182830
 + sign -2392.190+/-0.000 χ^2/NDF : 9355369767038
 - sign -2287.475+/-0.000 χ^2/NDF : 11239351224138

dit_sam8_coil6_err_mean vs Slug



Right In: 100.135+/-0.000 χ^2/NDF : 7813910768784473081480373577053110272.0/14
 Left Out: 53.544+/-0.000 χ^2/NDF : 56333427981620203701347942676824064.0/5
 Right Out: 78.881+/-0.000 χ^2/NDF : 3525129078433901202304301512966275072.0/15
 Left In: 67.978+/-0.000 χ^2/NDF : 62128136133259908679359914466869248.0/3
 + sign 81.516+/-0.000 χ^2/NDF : 8433260818397459
 All: 78.480+/-0.000 χ^2/NDF : 1206786603488
 - sign 75.214+/-0.000 χ^2/NDF : 3613923422827743

dit_sam8_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14

Left Out: 1028.301+/-0.000 χ^2/NDF : 29465975459740600207856017891951378432.0/5

Right Out: 972.465+/-0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15

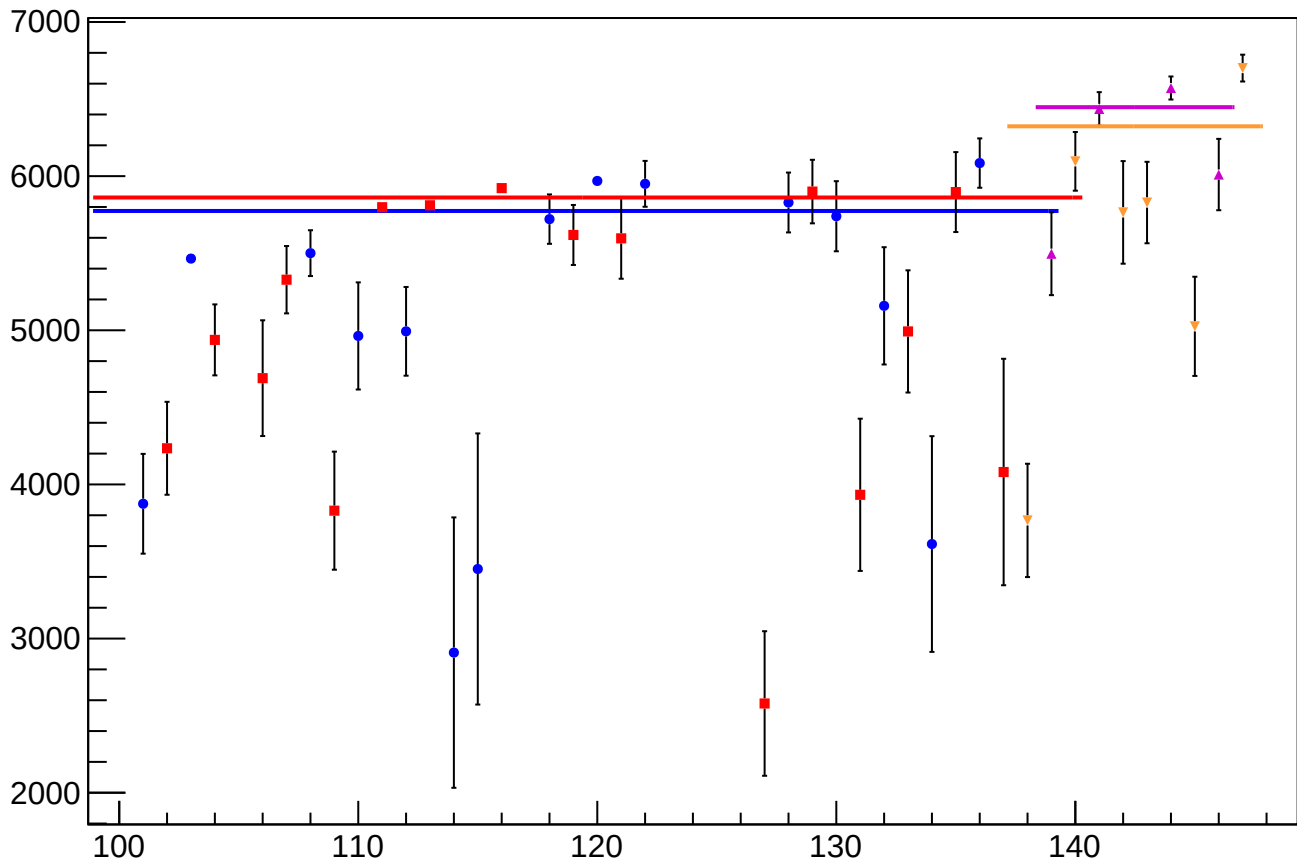
Left In: 1107.820+/-0.000 χ^2/NDF : 4814649577307381267656377641960734720.0/3

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389

All: 1018.617+/-0.000 χ^2/NDF : 14905651421

- sign 1017.987+/-0.000 χ^2/NDF : 87808933696767

dit_run_mean vs Slug



Right In: 5774.117 $\pm$ 0.181 χ^2 /NDF: 1828526.5/14

Left Out: 6323.358 $\pm$ 70.700 χ^2 /NDF:91.2/5

Right Out: 5861.461 $\pm$ 0.140 χ^2 /NDF: 180020.4/15

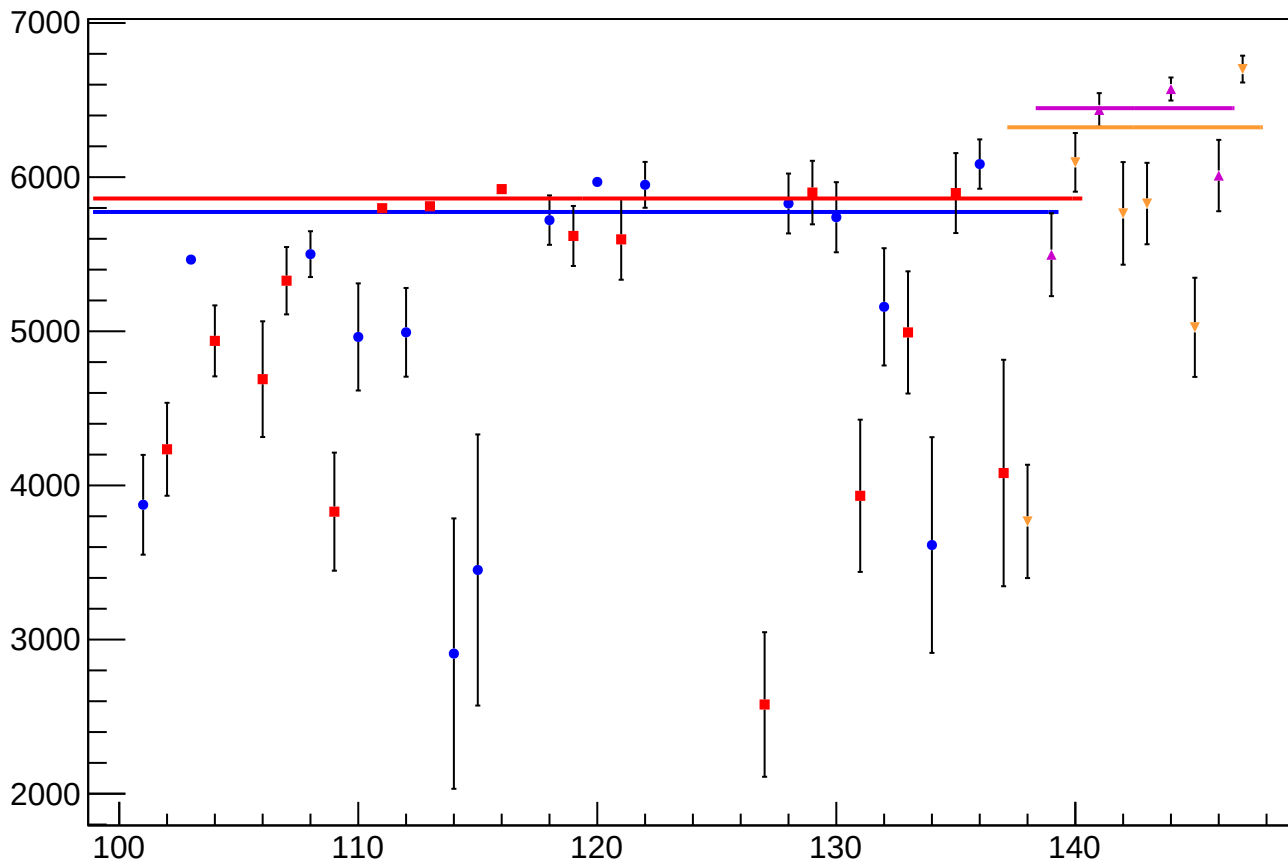
Left In: 6447.477 $\pm$ 58.130 χ^2 /NDF:18.9/3

+ sign 5774.120 $\pm$ 0.181 χ^2 /NDF: 1828678.1/20

All: 5828.996 $\pm$ 0.111 χ^2 /NDF: 2154390.6/40

- sign 5861.464 $\pm$ 0.140 χ^2 /NDF: 180140.9/19

dit_run_rms vs Slug



Right In: 5774.117 ± 0.181 $\chi^2/\text{NDF}: 1828526.5/14$

Left Out: 6323.358 ± 70.700 $\chi^2/\text{NDF}: 91.2/5$

Right Out: 5861.461 ± 0.140 $\chi^2/\text{NDF}: 180020.4/15$

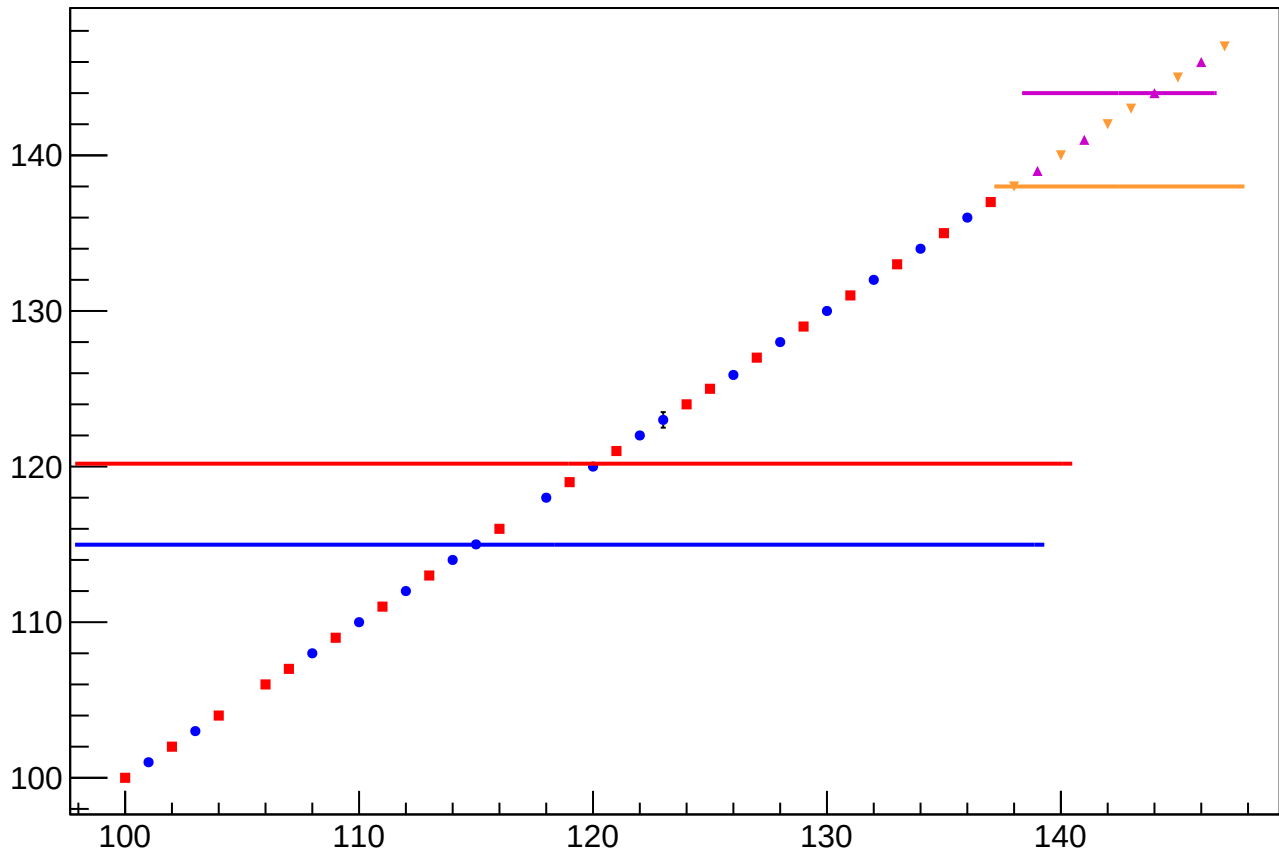
Left In: 6447.477 ± 58.130 $\chi^2/\text{NDF}: 18.9/3$

+ sign 5774.120 ± 0.181 $\chi^2/\text{NDF}: 1828678.1/20$

All: 5828.996 ± 0.111 $\chi^2/\text{NDF}: 2154390.6/40$

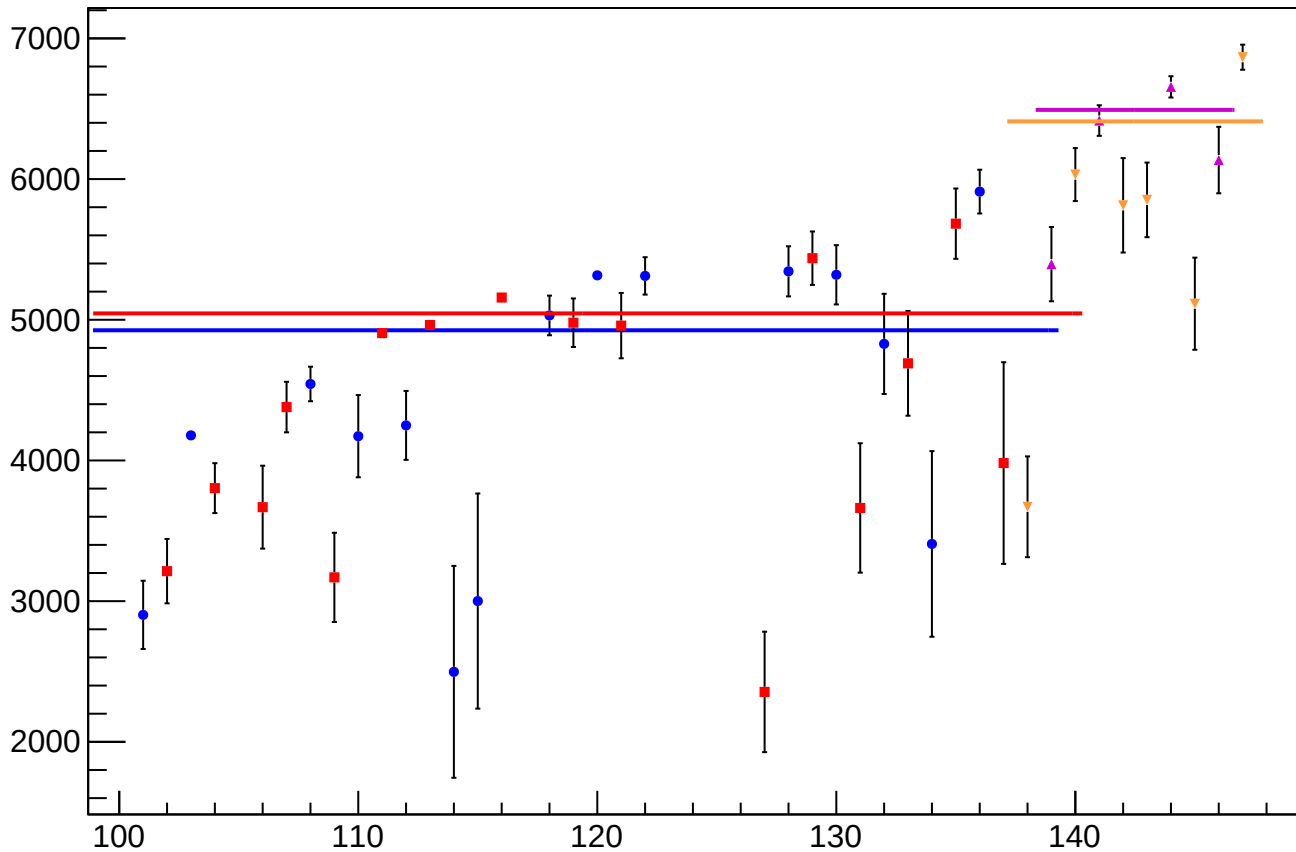
- sign 5861.464 ± 0.140 $\chi^2/\text{NDF}: 180140.9/19$

dit_slug_slope vs Slug



Right In: 114.980+/-0.000 χ^2/NDF : 112344936246012934714934440230912.0/16
 Left Out: 138.000+/-0.000 χ^2/NDF : 13103.0/5
 Right Out: 120.186+/-0.000 χ^2/NDF : 52233253644261695528198041763840.0/18
 Left In: 144.000+/-0.000 χ^2/NDF : 3122.0/3

dit_cyclenum_mean vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 6410.179 ± 71.774 χ^2/NDF : 111.9/5

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

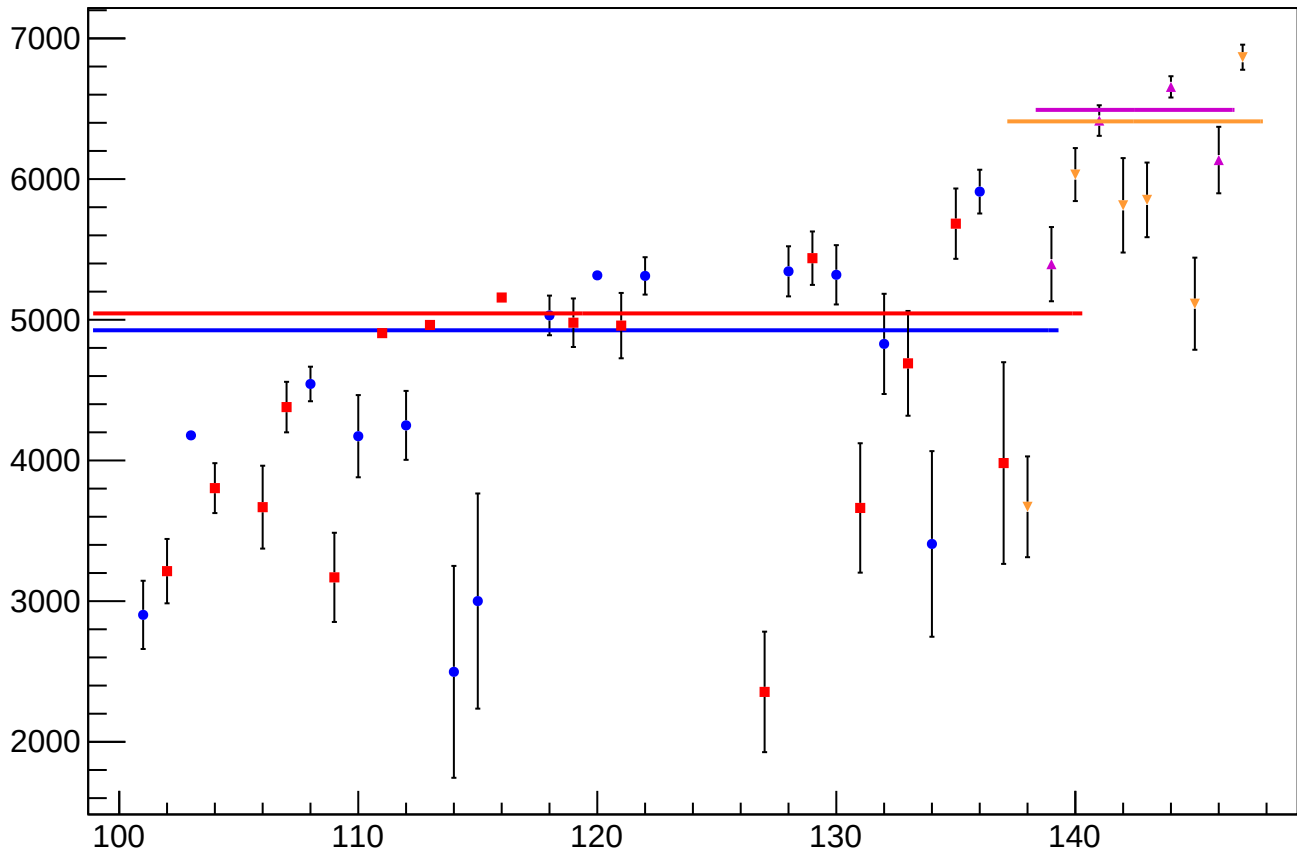
Left In: 6491.872 ± 58.556 χ^2/NDF : 24.7/3

+ sign 4925.559 ± 0.939 χ^2/NDF : 331534.4/20

All: 5005.131 ± 0.544 χ^2/NDF : 373174.1/40

- sign 5045.409 ± 0.668 χ^2/NDF : 30814.9/19

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 χ^2/NDF : 330994.6/14

Left Out: 6410.179 ± 71.774 χ^2/NDF : 111.9/5

Right Out: 5045.221 ± 0.668 χ^2/NDF : 30179.9/15

Left In: 6491.872 ± 58.556 χ^2/NDF : 24.7/3

+ sign 4925.559 ± 0.939 χ^2/NDF : 331534.4/20

All: 5005.131 ± 0.544 χ^2/NDF : 373174.1/40

- sign 5045.409 ± 0.668 χ^2/NDF : 30814.9/19

dit_scandata1_mean vs Slug



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

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

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

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

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

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

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

dit_scandata1_rms vs Slug



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

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

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

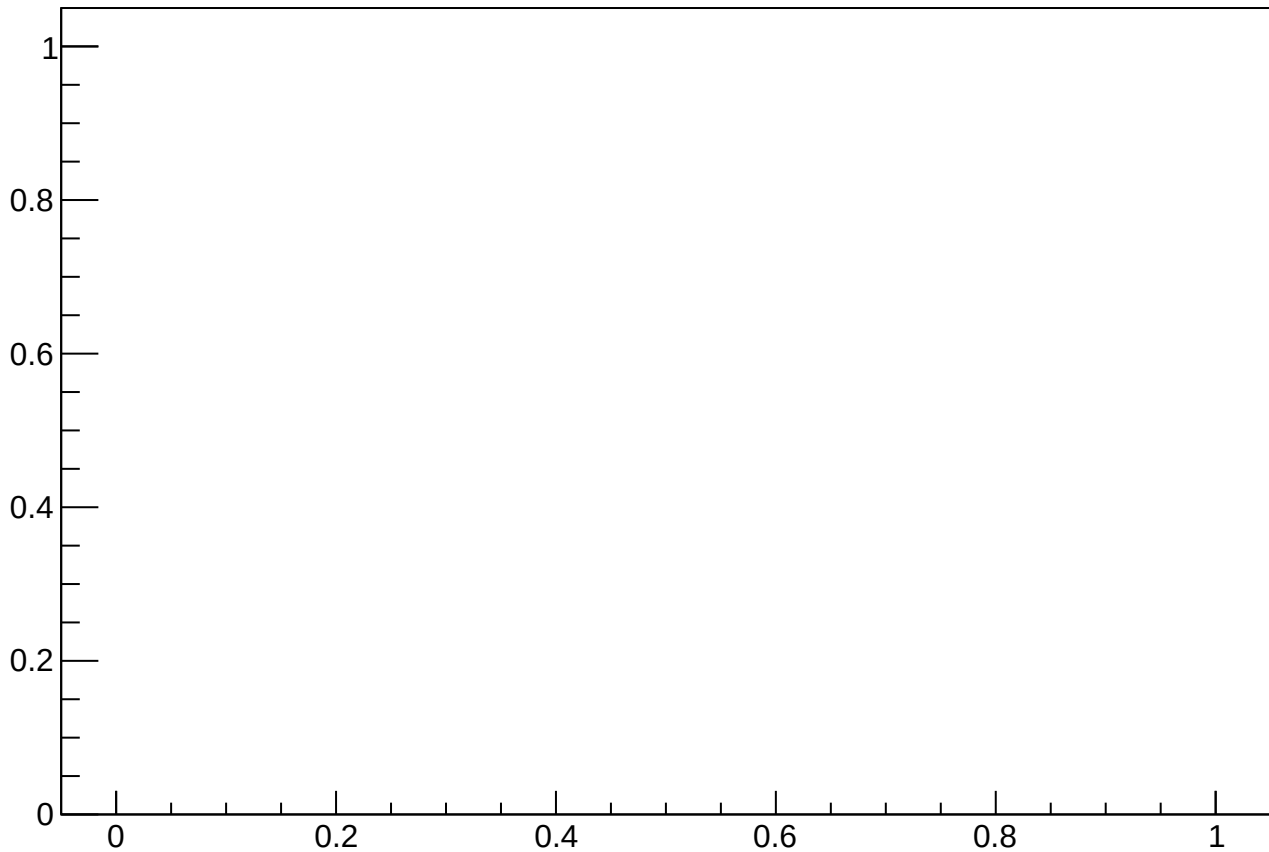
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug



Right In: 0.000 $\pm$ 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

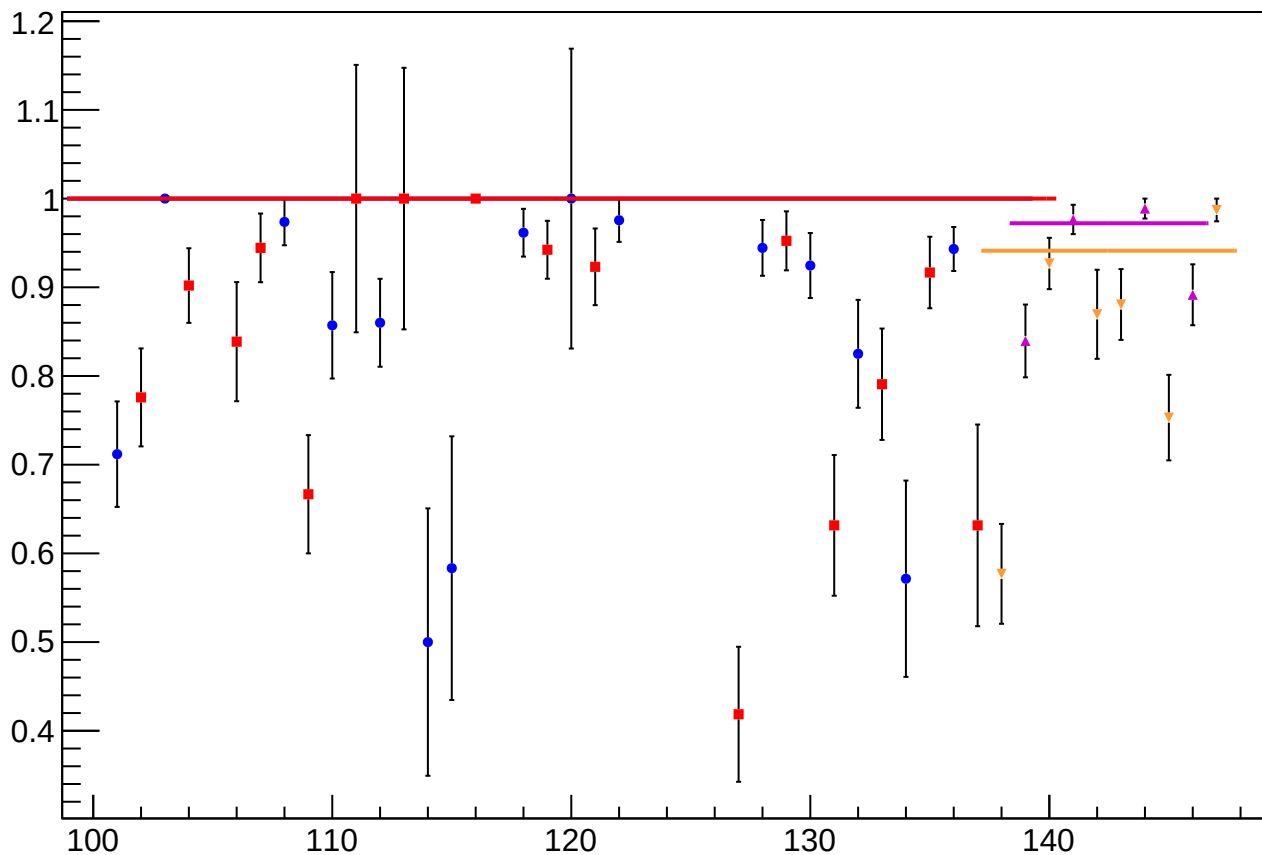
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 0.941 $\pm$ 0.011 χ^2 /NDF: 74.5/5

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

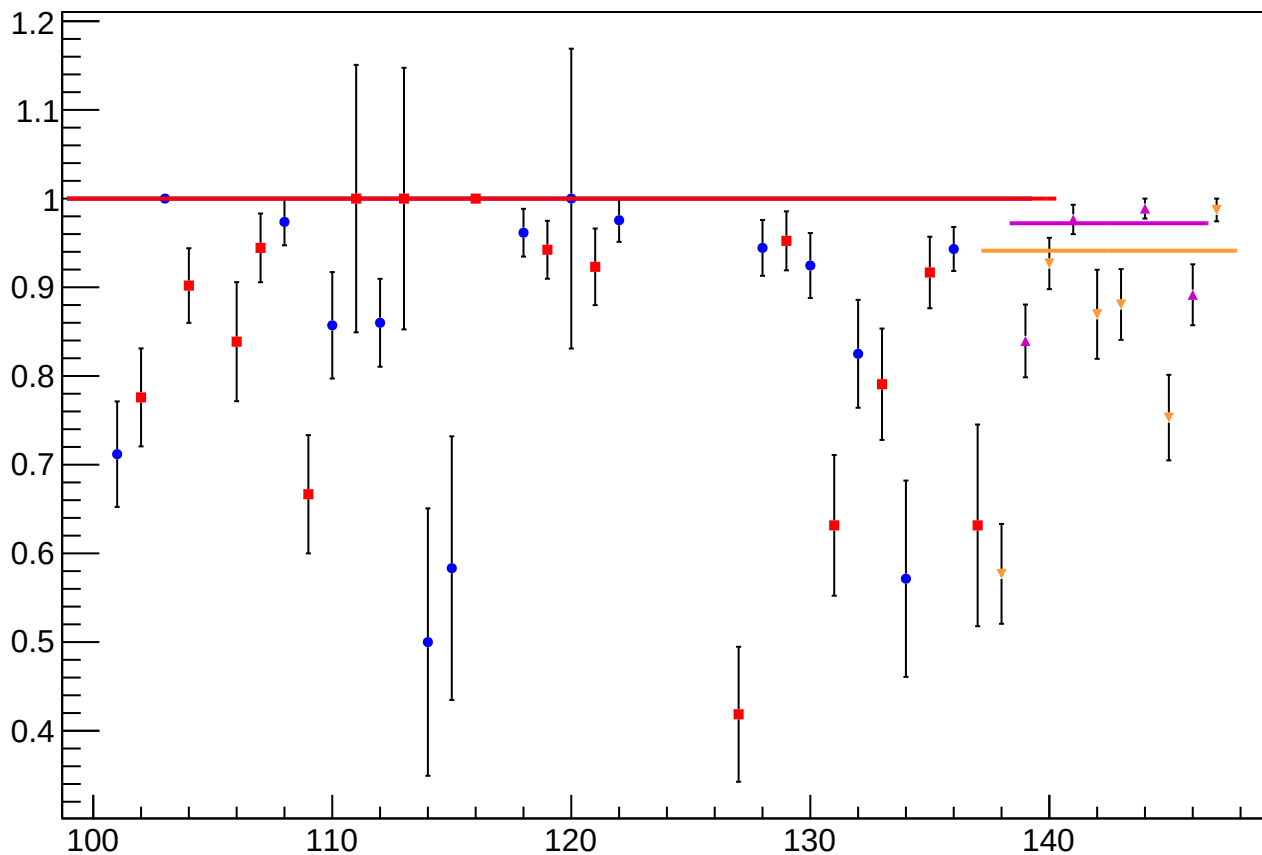
Left In: 0.972 $\pm$ 0.009 χ^2 /NDF: 18.2/3

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 201.7/20

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 481.8/40

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 197.2/19

dit_flag_rms vs Slug



Right In: 1.000 $\pm$ 0.000 χ^2 /NDF: 95.9/14

Left Out: 0.941 $\pm$ 0.011 χ^2 /NDF: 74.5/5

Right Out: 1.000 $\pm$ 0.000 χ^2 /NDF: 168.9/15

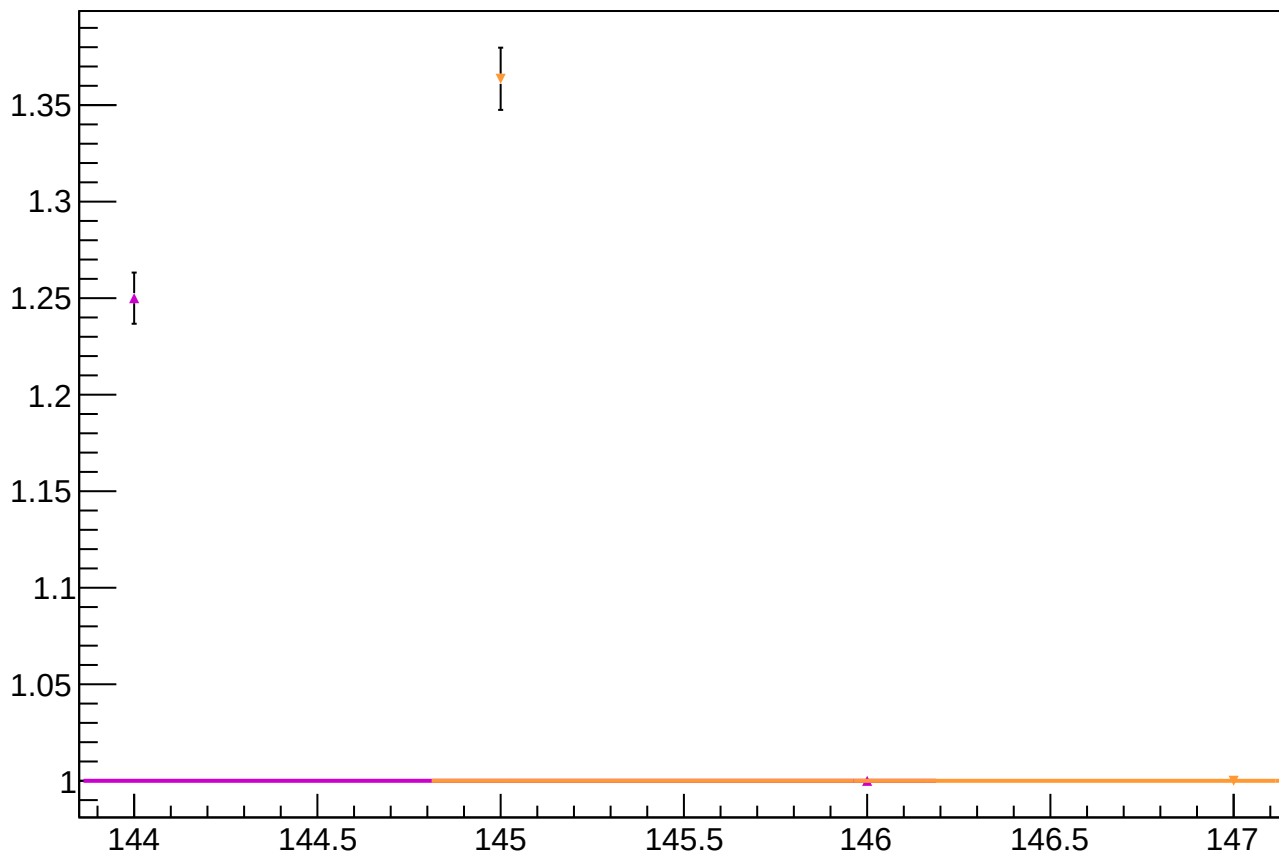
Left In: 0.972 $\pm$ 0.009 χ^2 /NDF: 18.2/3

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 201.7/20

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 481.8/40

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 197.2/19

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:517.7/1

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

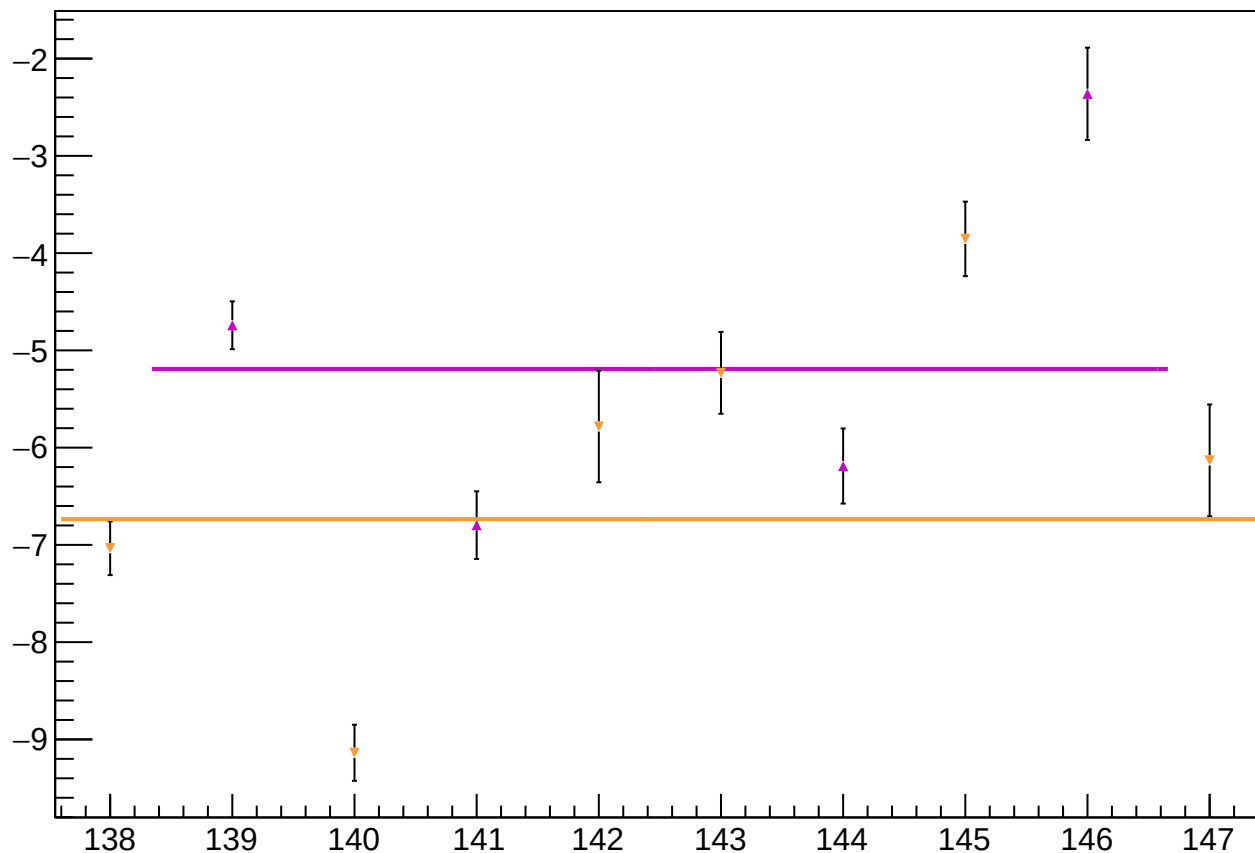
Left In: 1.000+/-0.000 χ^2 /NDF:356.0/1

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1.000+/-0.000 χ^2 /NDF: 899.4/3

- 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: -6.735+/-0.151 χ^2/NDF : 143.9/5

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

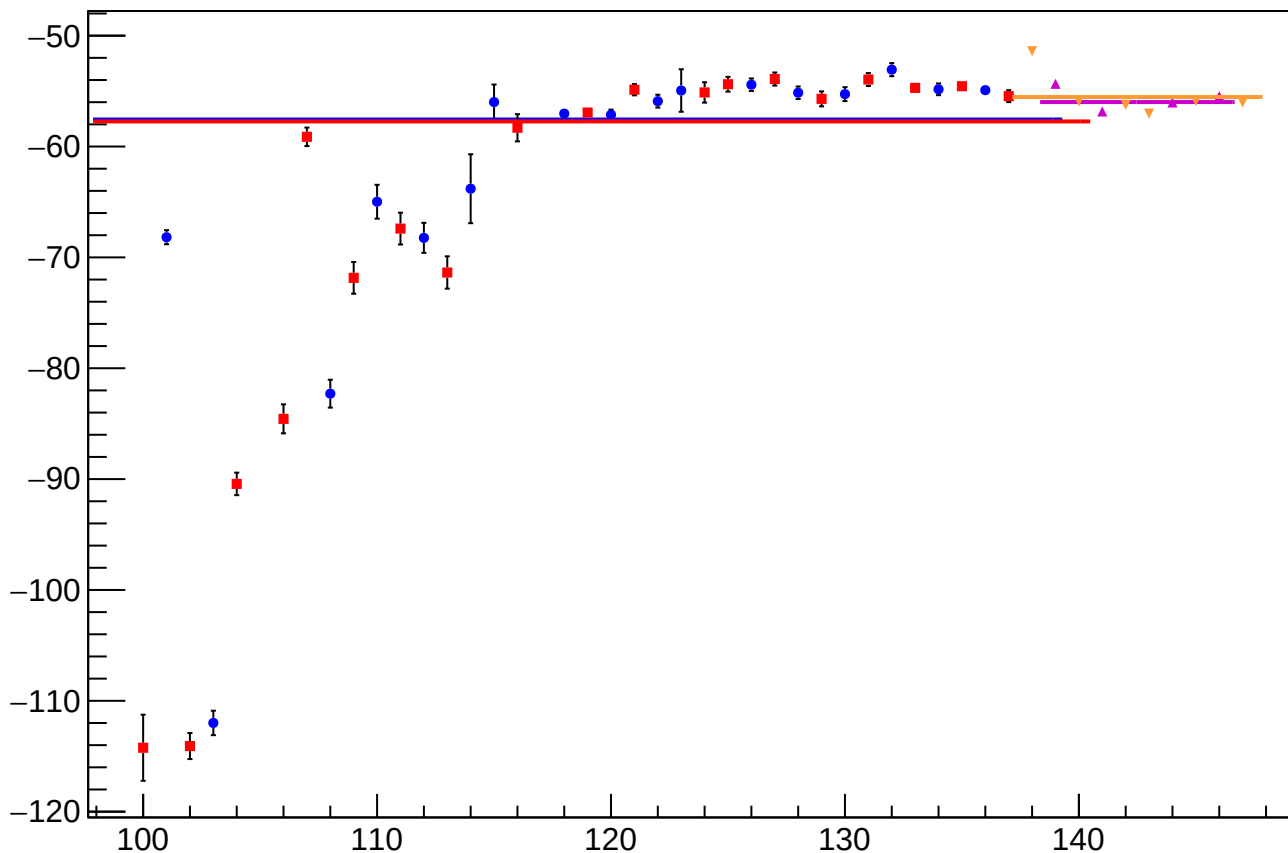
Left In: -5.191+/-0.167 χ^2/NDF : 66.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.038+/-0.112 χ^2/NDF : 257.8/9

- 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: -55.531 ± 0.121 χ^2/NDF : 201.1/5

Right Out: -57.736 ± 0.143 χ^2/NDF : 4698.4/18

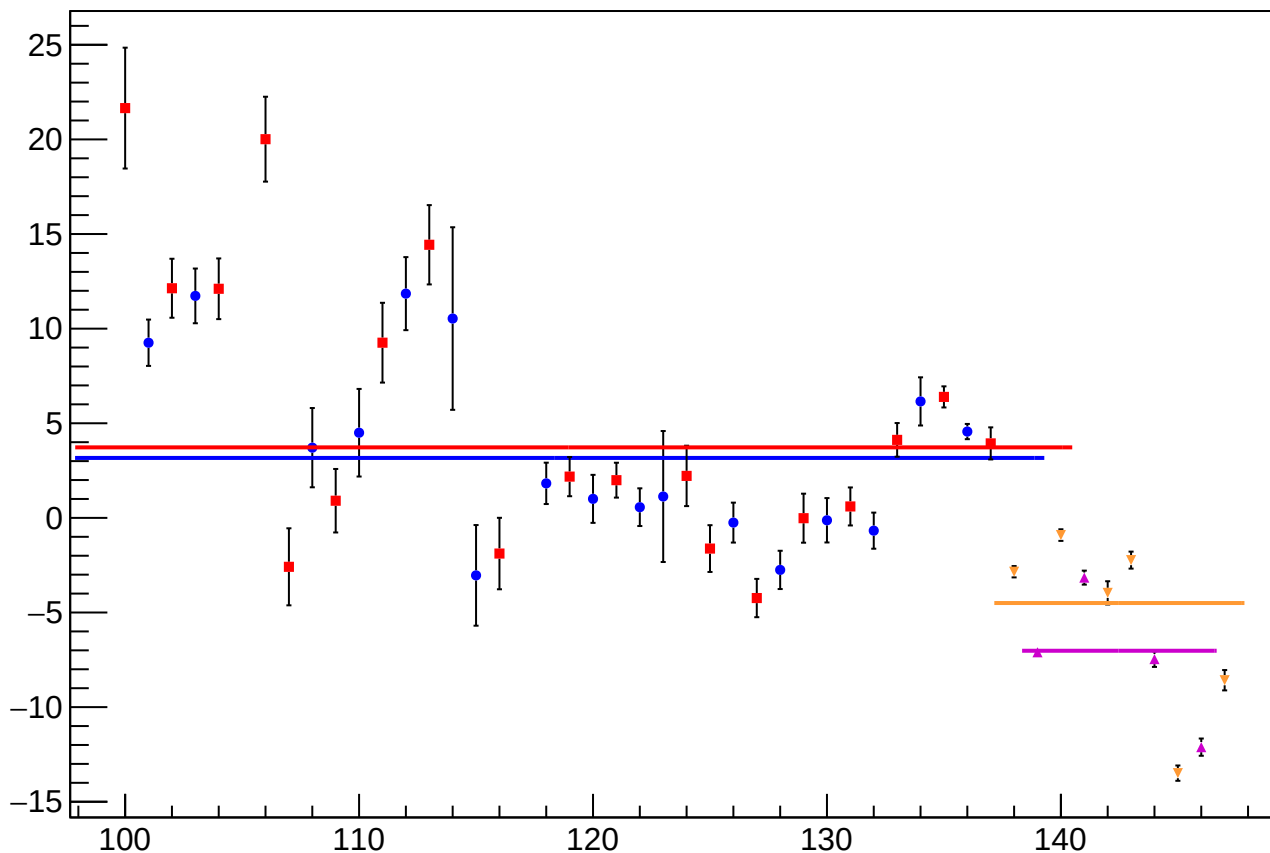
Left In: -55.987 ± 0.150 χ^2/NDF : 28.1/3

+ sign -56.387 ± 0.092 χ^2/NDF : 3776.5/22

All: -56.614 ± 0.069 χ^2/NDF : 8588.2/45

- sign -56.904 ± 0.104 χ^2/NDF : 4797.7/22

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 $\chi^2/\text{NDF}: 186.2/16$

Left Out: -4.499 ± 0.160 $\chi^2/\text{NDF}: 745.2/5$

Right Out: 3.726 ± 0.267 $\chi^2/\text{NDF}: 323.3/18$

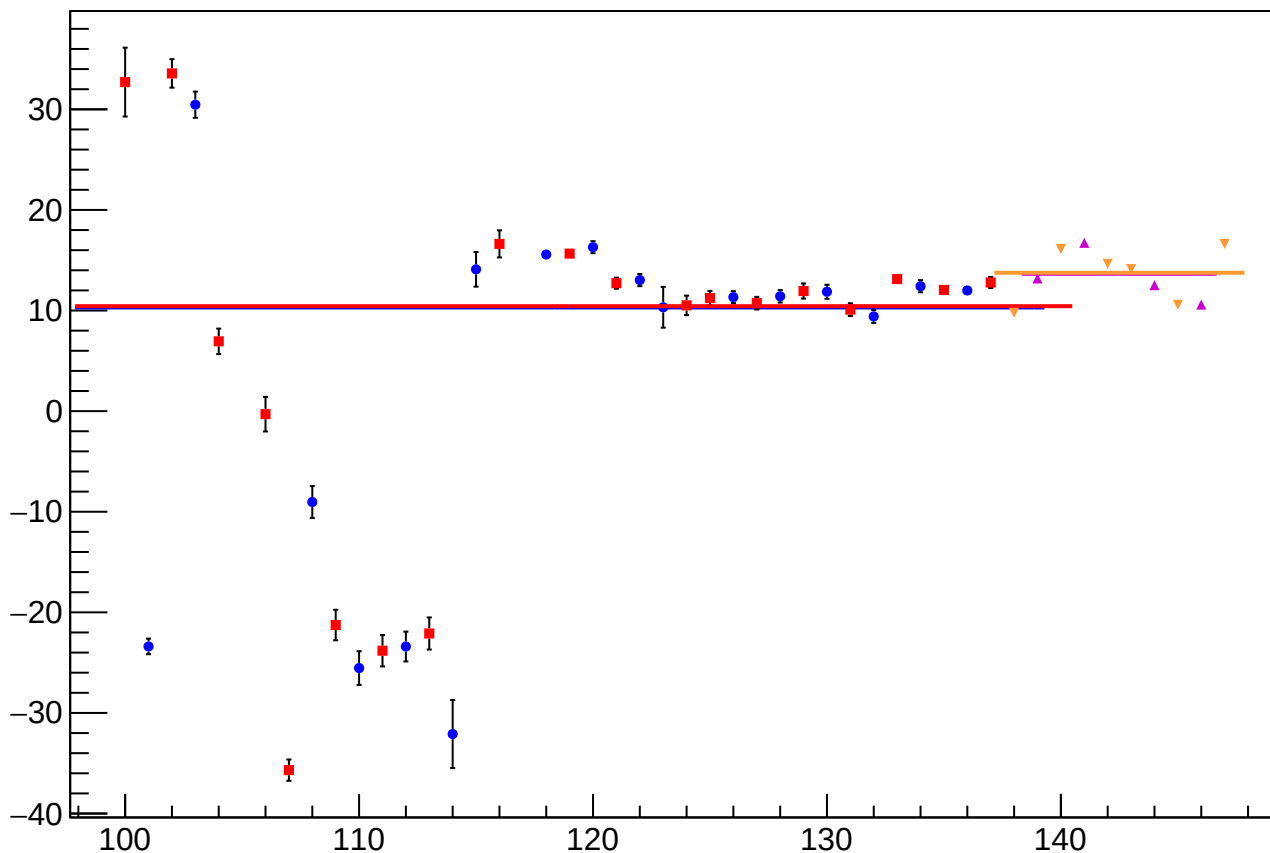
Left In: -7.021 ± 0.177 $\chi^2/\text{NDF}: 235.4/3$

+ sign -2.360 ± 0.136 $\chi^2/\text{NDF}: 1569.5/22$

All: -3.003 ± 0.100 $\chi^2/\text{NDF}: 3303.5/45$

- sign -3.755 ± 0.147 $\chi^2/\text{NDF}: 1685.7/22$

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306 $\pm$ 0.157 χ^2 /NDF: 3712.3/16

Left Out: 13.756 $\pm$ 0.145 χ^2 /NDF:332.3/5

Right Out: 10.433 $\pm$ 0.160 χ^2 /NDF: 3828.5/18

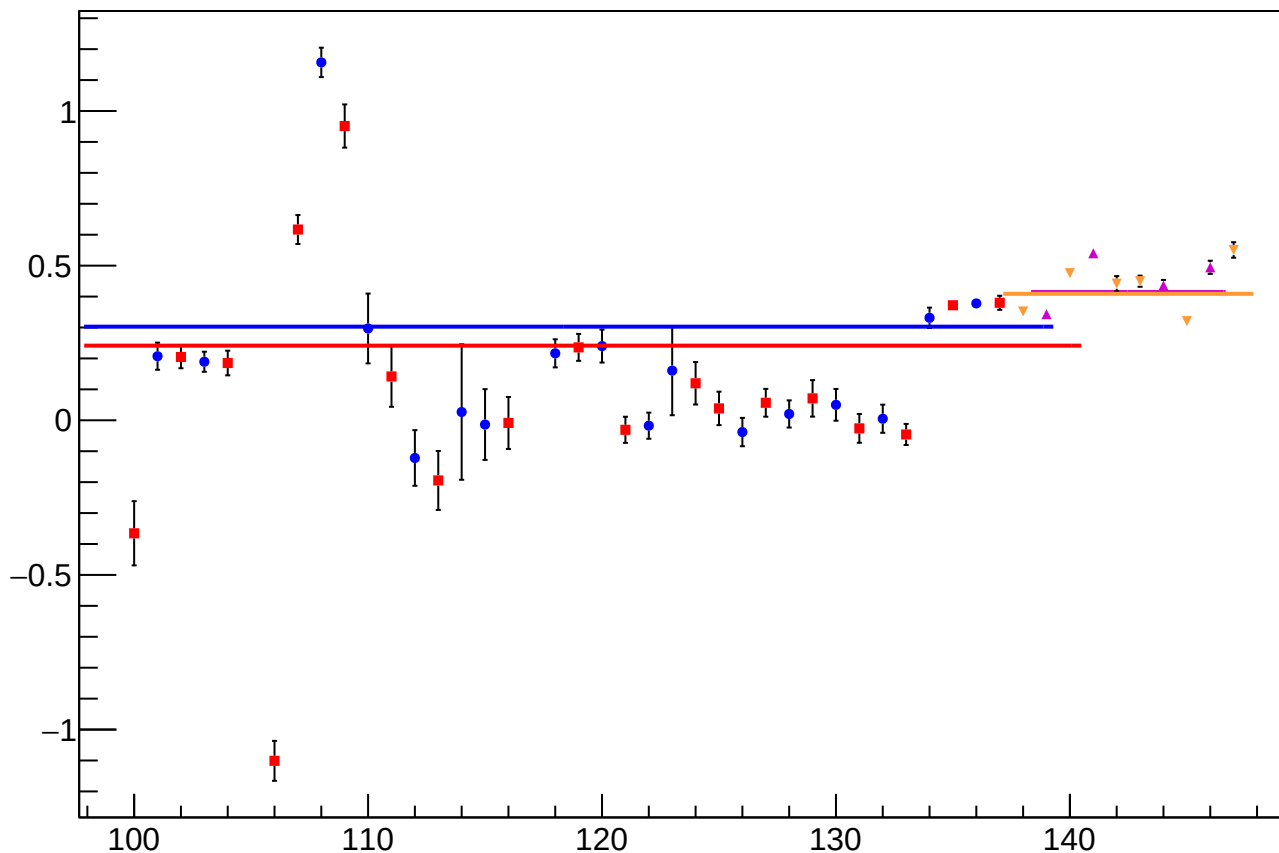
Left In: 13.650 $\pm$ 0.175 χ^2 /NDF:183.3/3

+ sign 12.168 $\pm$ 0.106 χ^2 /NDF: 4306.0/22

All: 12.048 $\pm$ 0.079 χ^2 /NDF: 8505.2/45

- sign 11.900 $\pm$ 0.118 χ^2 /NDF: 4196.4/22

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.6/16

Left Out: 0.409 $\pm$ 0.007 χ^2 /NDF:119.8/5

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 986.7/18

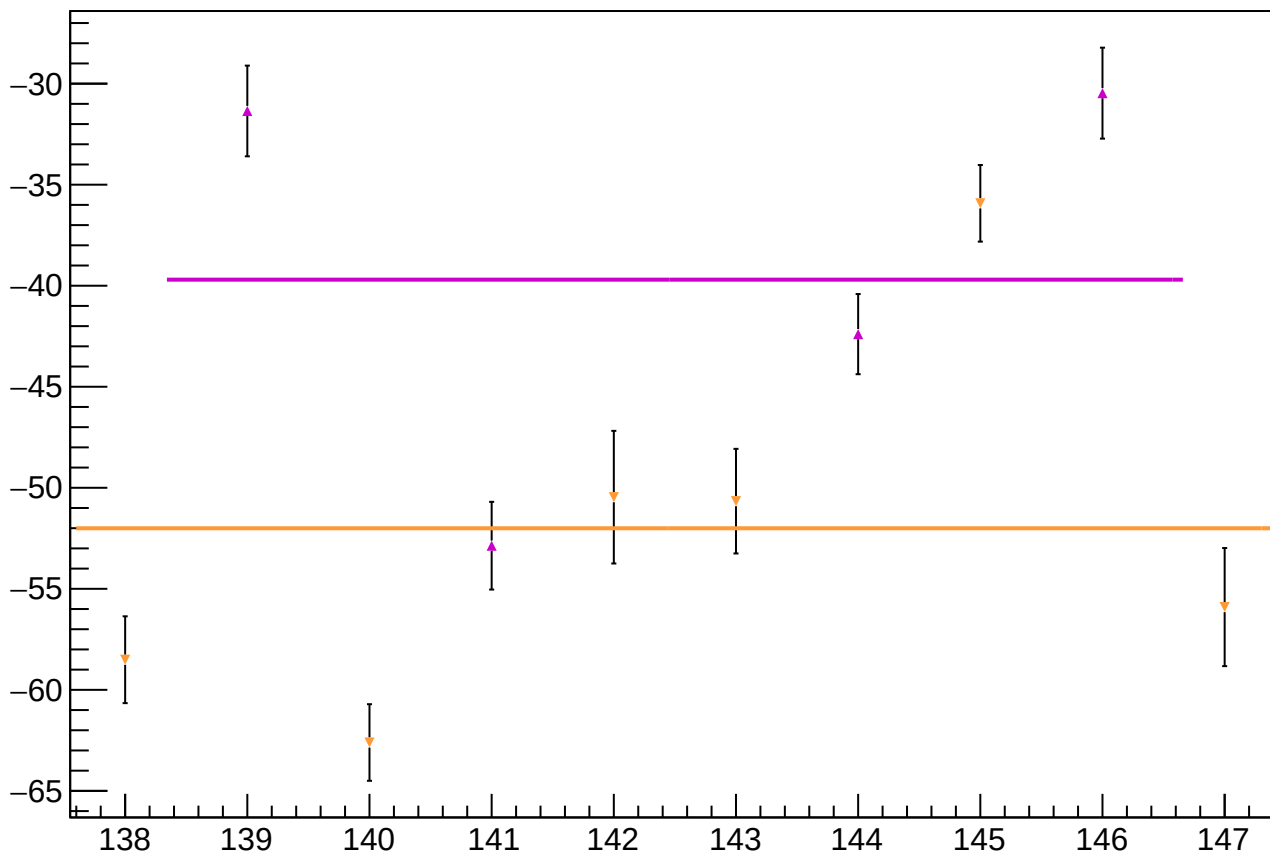
Left In: 0.415 $\pm$ 0.007 χ^2 /NDF:144.5/3

+ sign 0.368 $\pm$ 0.005 χ^2 /NDF: 869.2/22

All: 0.357 $\pm$ 0.004 χ^2 /NDF: 2260.6/45

- sign 0.346 $\pm$ 0.005 χ^2 /NDF: 1382.7/22

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -52.003+/-0.940 χ^2/NDF : 114.7/5

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

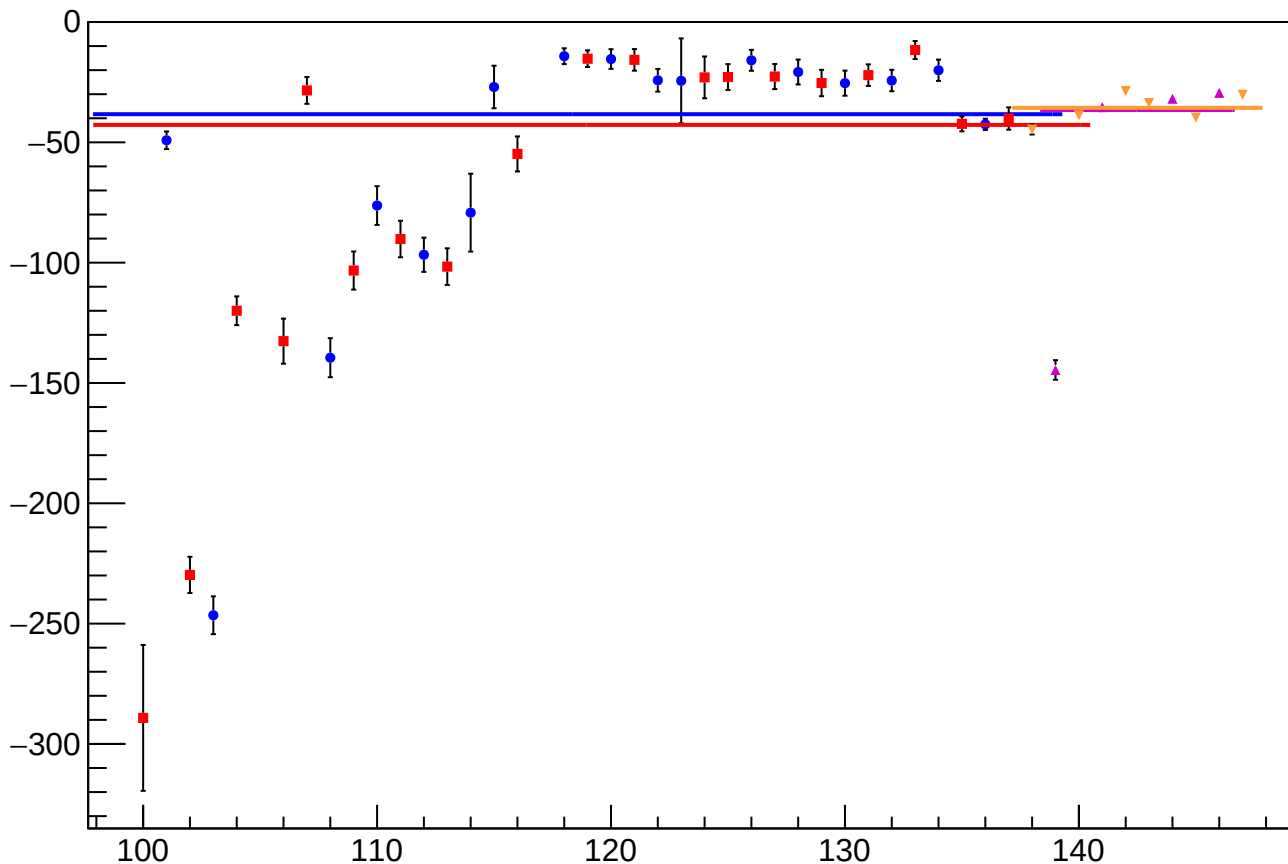
Left In: -39.700+/-1.077 χ^2/NDF : 69.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.685+/-0.708 χ^2/NDF : 258.1/9

- 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: -35.665 ± 0.684 $\chi^2/\text{NDF}: 56.8/5$

Right Out: -42.756 ± 1.211 $\chi^2/\text{NDF}: 1341.6/18$

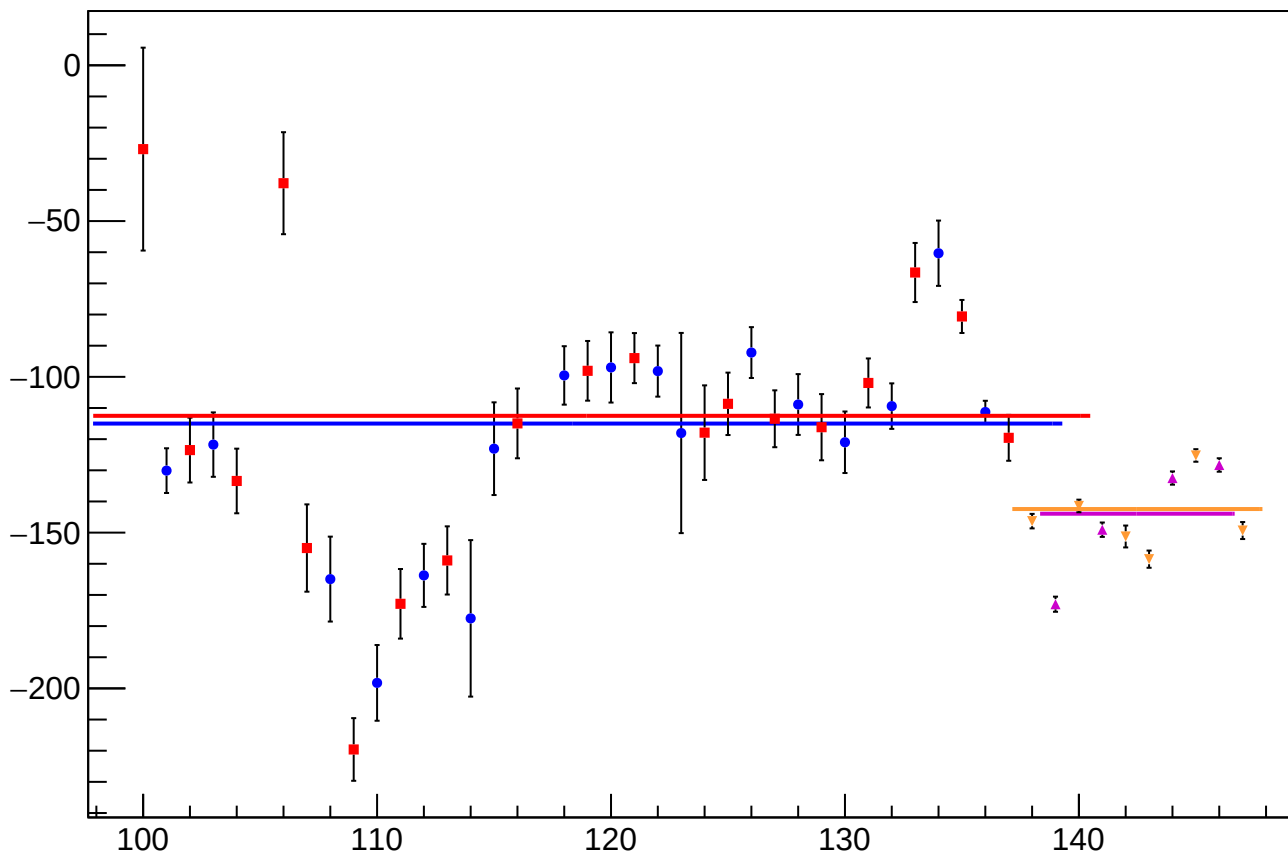
Left In: -36.549 ± 0.817 $\chi^2/\text{NDF}: 742.1/3$

+ sign -36.368 ± 0.586 $\chi^2/\text{NDF}: 1193.4/22$

All: -37.277 ± 0.443 $\chi^2/\text{NDF}: 3300.8/45$

- sign -38.492 ± 0.677 $\chi^2/\text{NDF}: 2101.8/22$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 $\chi^2/\text{NDF}: 141.8/16$

Left Out: -142.428 ± 0.989 $\chi^2/\text{NDF}: 122.3/5$

Right Out: -112.510 ± 2.207 $\chi^2/\text{NDF}: 273.1/18$

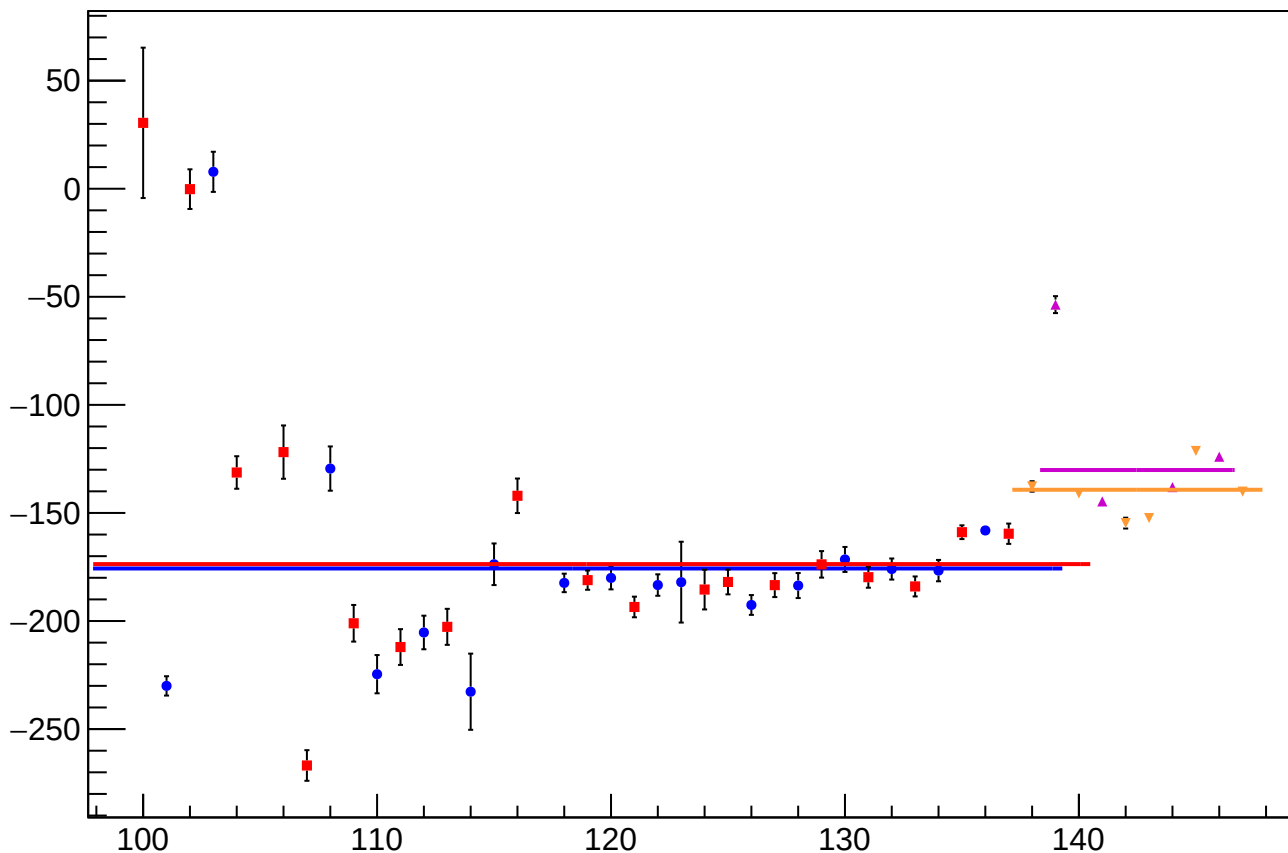
Left In: -143.930 ± 1.123 $\chi^2/\text{NDF}: 229.6/3$

+ sign -137.337 ± 0.893 $\chi^2/\text{NDF}: 406.8/22$

All: -137.396 ± 0.666 $\chi^2/\text{NDF}: 1070.6/45$

- sign -137.469 ± 1.001 $\chi^2/\text{NDF}: 663.8/22$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.696 ± 1.268 χ^2/NDF : 692.9/16

Left Out: -139.275 ± 0.837 χ^2/NDF : 180.4/5

Right Out: -173.666 ± 1.356 χ^2/NDF : 737.7/18

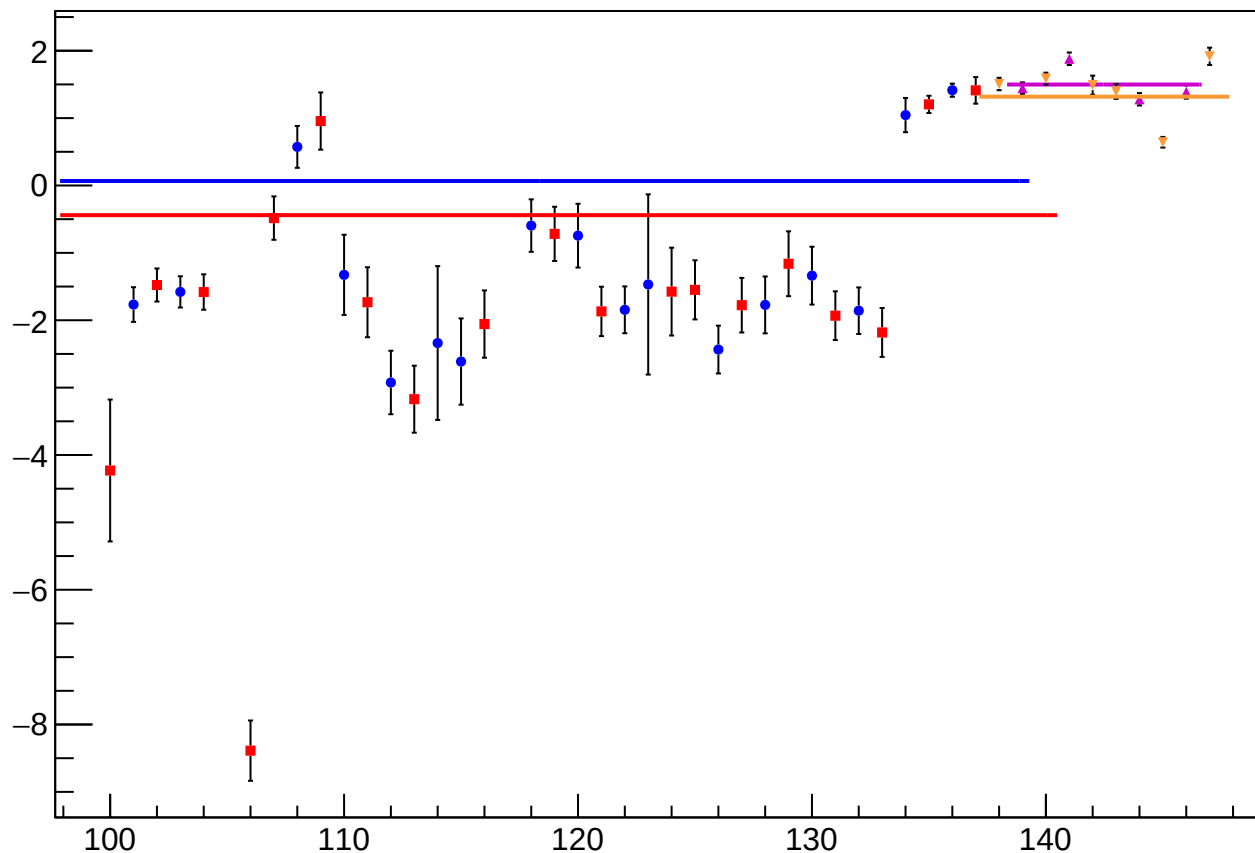
Left In: -130.138 ± 0.982 χ^2/NDF : 476.3/3

+ sign -150.331 ± 0.698 χ^2/NDF : 1448.3/22

All: -148.057 ± 0.525 χ^2/NDF : 3362.9/45

- sign -145.110 ± 0.795 χ^2/NDF : 1890.2/22

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 $\pm$ 0.067 χ^2 /NDF: 526.1/16

Left Out: 1.318 $\pm$ 0.041 χ^2 /NDF: 110.4/5

Right Out: -0.440 $\pm$ 0.071 χ^2 /NDF: 754.9/18

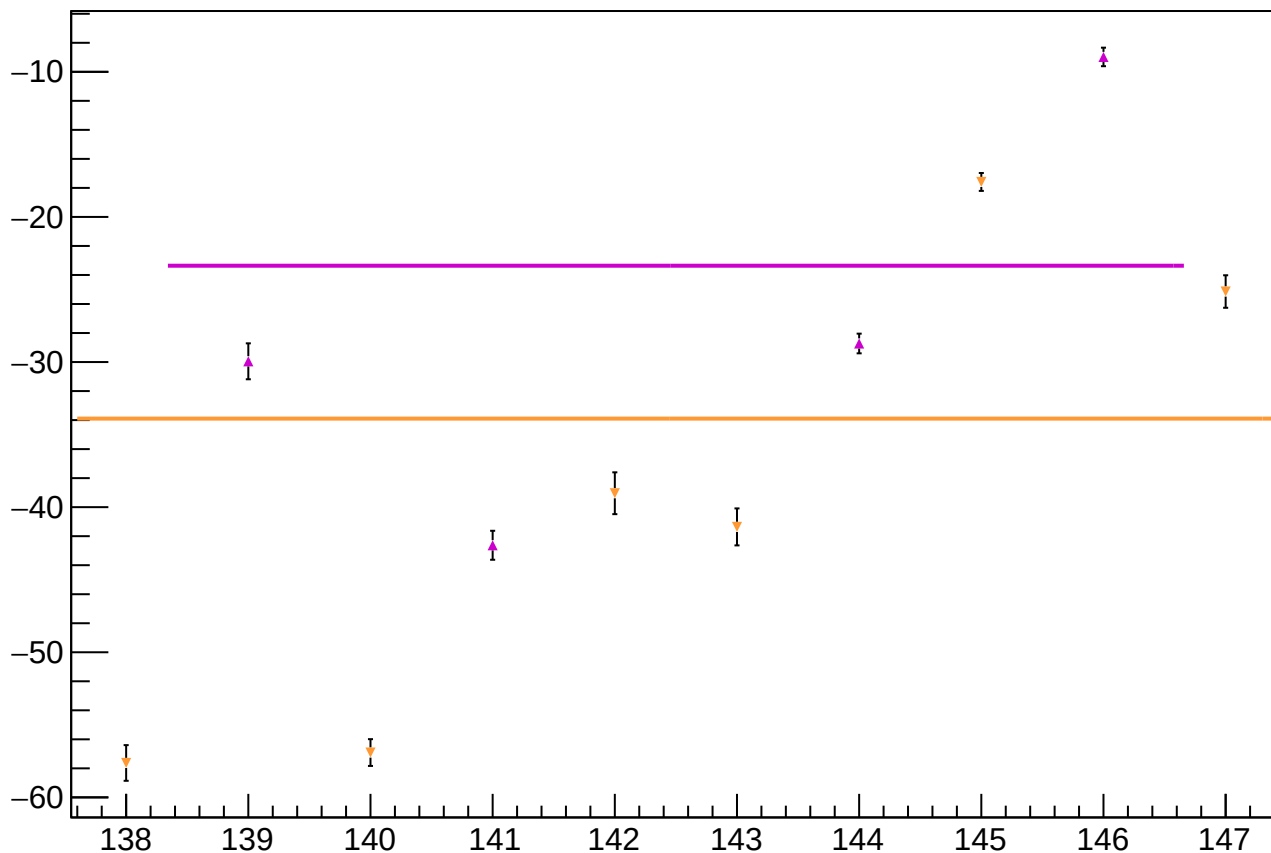
Left In: 1.498 $\pm$ 0.046 χ^2 /NDF: 24.0/3

+ sign 0.979 $\pm$ 0.035 χ^2 /NDF: 890.9/22

All: 0.953 $\pm$ 0.026 χ^2 /NDF: 2193.3/45

- sign 0.922 $\pm$ 0.039 χ^2 /NDF: 1301.2/22

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -33.898+/-0.397 χ^2/NDF :1801.2/5

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

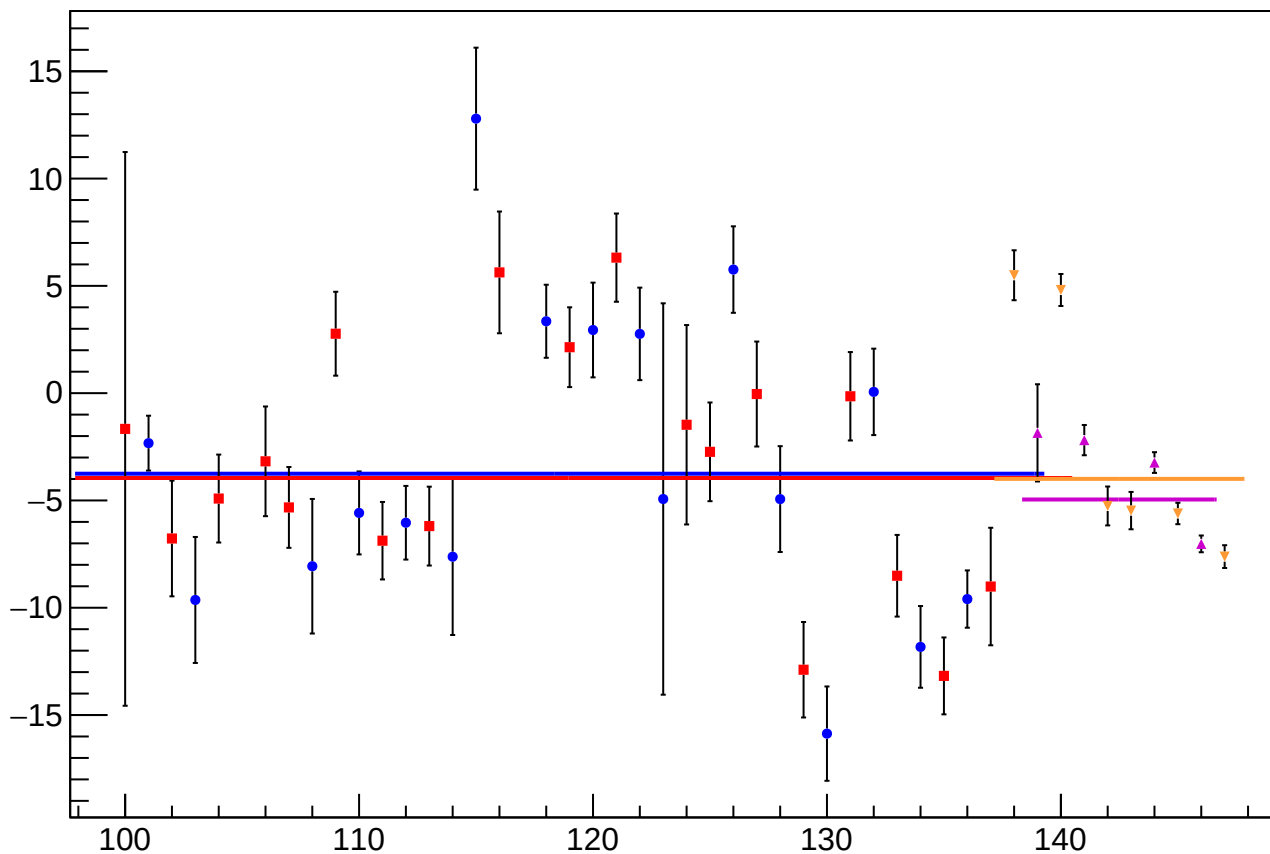
Left In: -23.361+/-0.399 χ^2/NDF :970.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.660+/-0.281 χ^2/NDF : 3122.8/9

- 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: -3.994 ± 0.281 χ^2/NDF : 267.8/5

Right Out: -3.954 ± 0.507 χ^2/NDF : 123.3/18

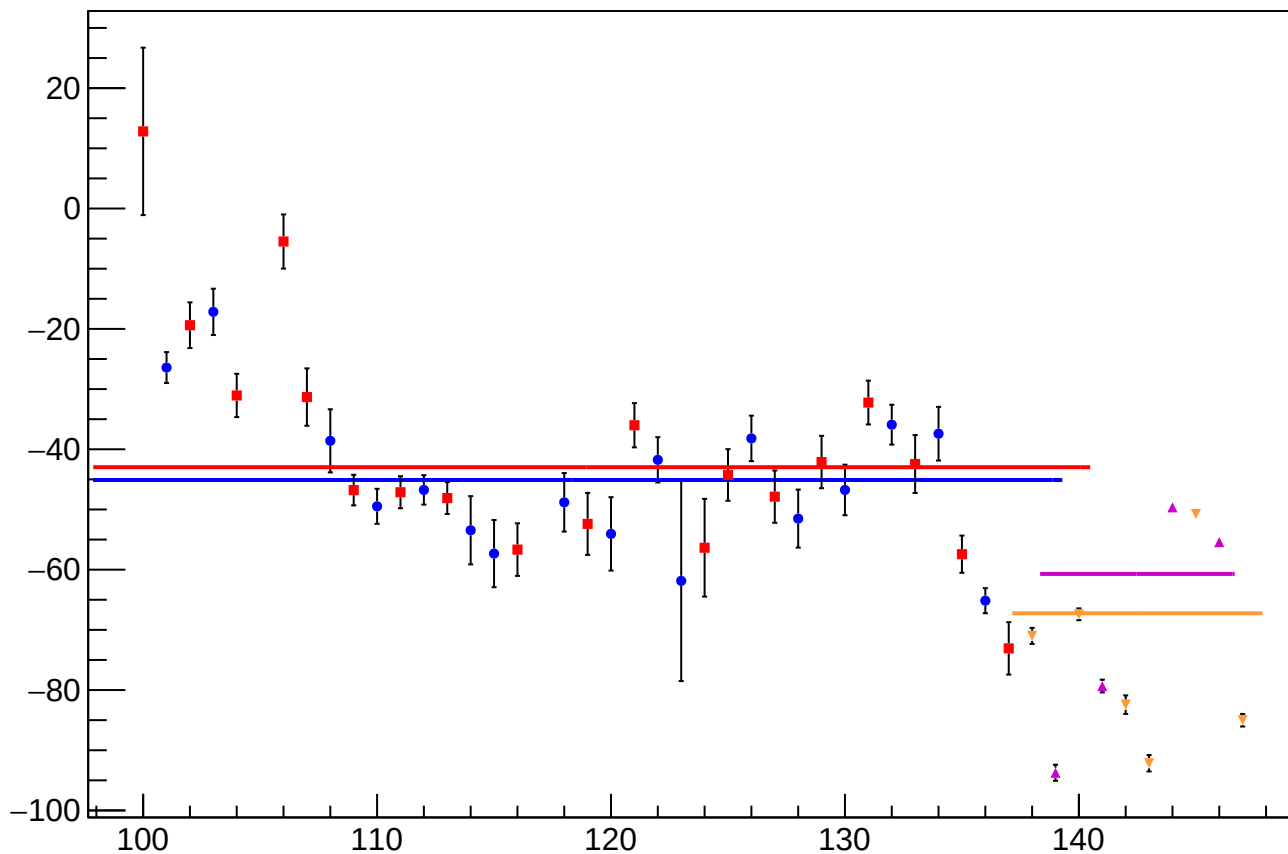
Left In: -4.956 ± 0.277 χ^2/NDF : 58.0/3

+ sign -3.936 ± 0.245 χ^2/NDF : 433.3/22

All: -4.333 ± 0.172 χ^2/NDF : 622.9/45

- sign -4.726 ± 0.243 χ^2/NDF : 184.4/22

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.101 ± 0.881 χ^2/NDF : 229.9/16

Left Out: -67.245 ± 0.415 χ^2/NDF : 1362.6/5

Right Out: -42.979 ± 0.877 χ^2/NDF : 248.9/18

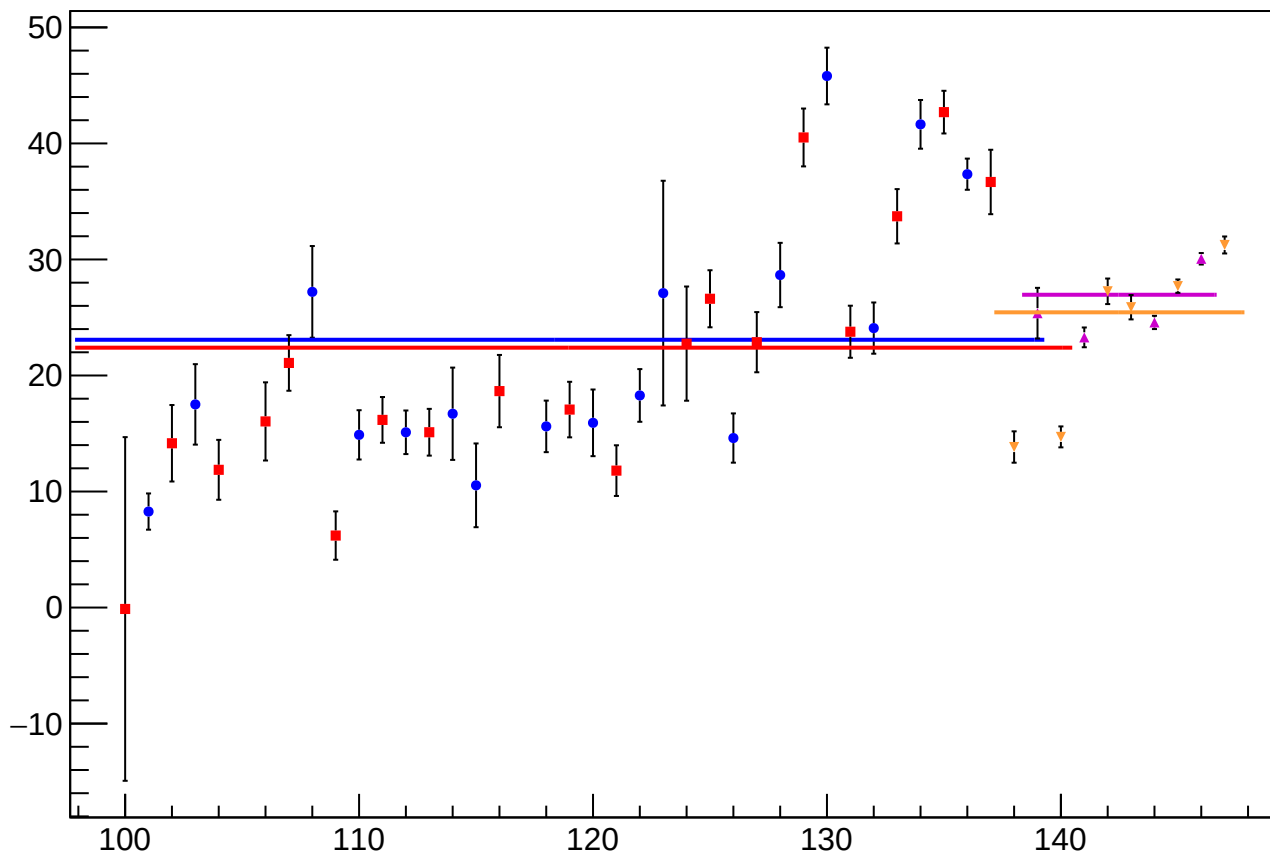
Left In: -60.705 ± 0.408 χ^2/NDF : 1223.8/3

+ sign -63.220 ± 0.376 χ^2/NDF : 2109.6/22

All: -60.344 ± 0.264 χ^2/NDF : 4033.4/45

- sign -57.548 ± 0.370 χ^2/NDF : 1808.1/22

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.079 $\pm$ 0.556 χ^2 /NDF: 461.1/16

Left Out: 25.443 $\pm$ 0.345 χ^2 /NDF: 296.3/5

Right Out: 22.397 $\pm$ 0.572 χ^2 /NDF: 370.3/18

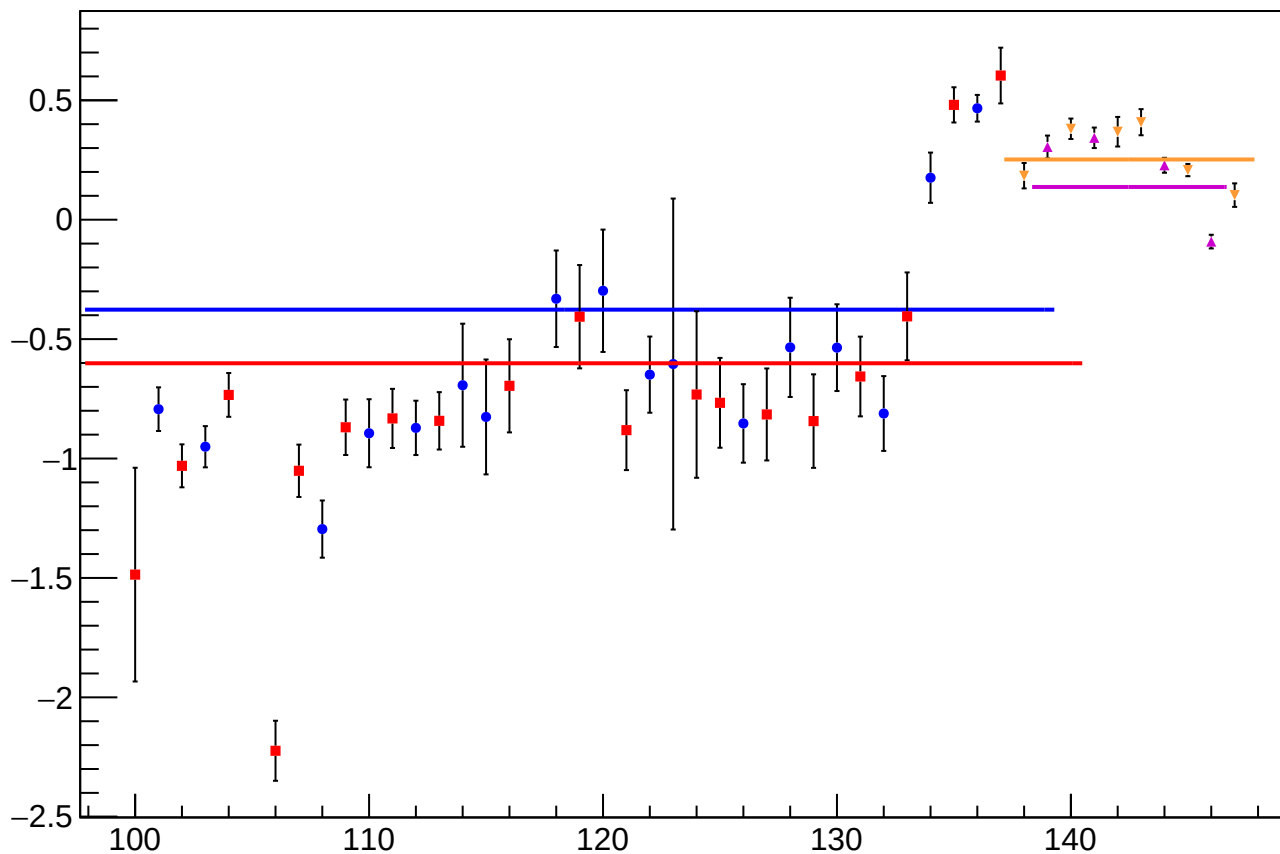
Left In: 26.958 $\pm$ 0.339 χ^2 /NDF: 75.7/3

+ sign 24.785 $\pm$ 0.293 χ^2 /NDF: 770.5/22

All: 25.283 $\pm$ 0.207 χ^2 /NDF: 1269.2/45

- sign 25.775 $\pm$ 0.291 χ^2 /NDF: 493.0/22

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.1/16$

Left Out: 0.252 ± 0.017 $\chi^2/\text{NDF}: 34.5/5$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.6/18$

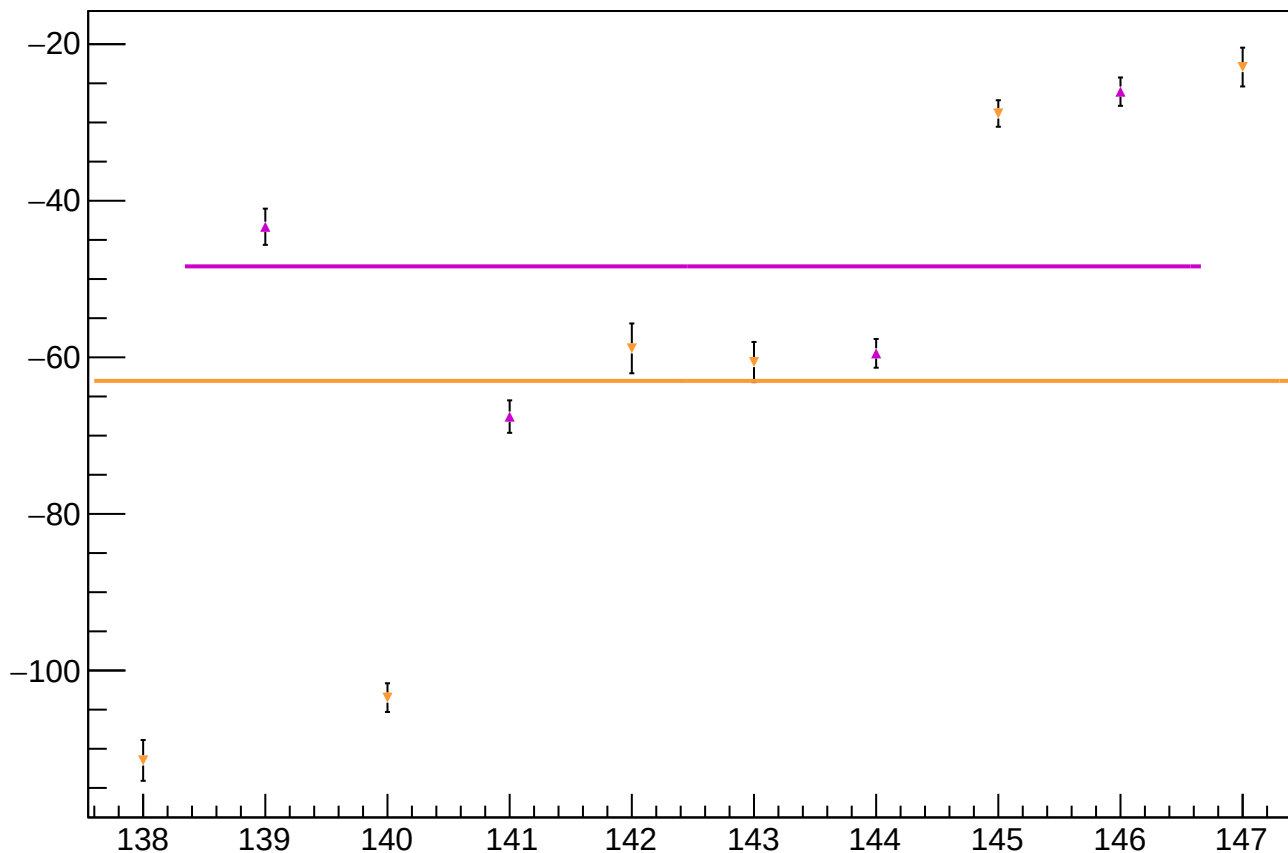
Left In: 0.137 ± 0.018 $\chi^2/\text{NDF}: 107.5/3$

+ sign 0.098 ± 0.015 $\chi^2/\text{NDF}: 802.0/22$

All: 0.026 ± 0.011 $\chi^2/\text{NDF}: 1960.5/45$

- sign -0.051 ± 0.015 $\chi^2/\text{NDF}: 1109.5/22$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -63.008+/-0.910 χ^2/NDF : 1504.2/5

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

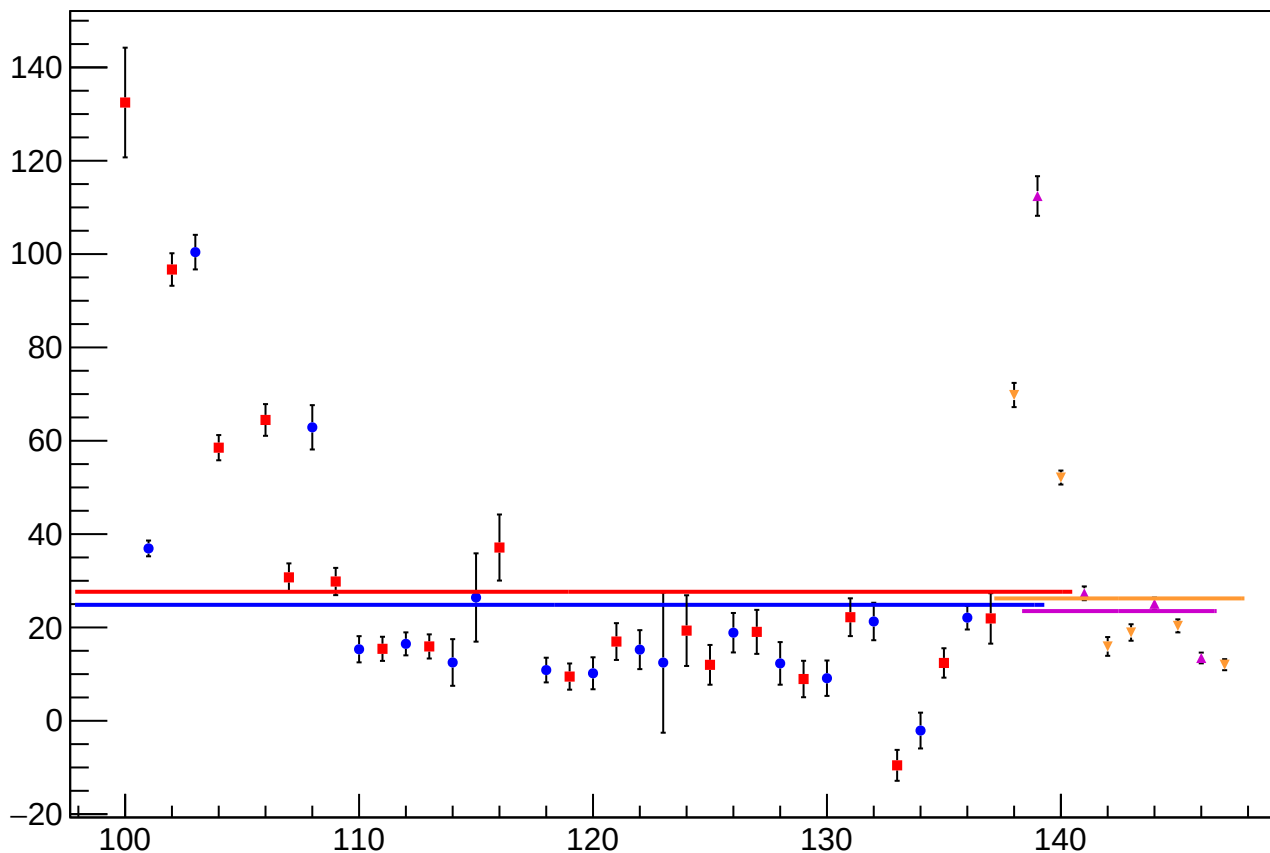
Left In: -48.380+/-0.989 χ^2/NDF : 279.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.302+/-0.670 χ^2/NDF : 1901.6/9

- 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: 26.220 $\pm$ 0.647 χ^2 /NDF: 785.6/5

Right Out: 27.648 $\pm$ 0.810 χ^2 /NDF: 1009.2/18

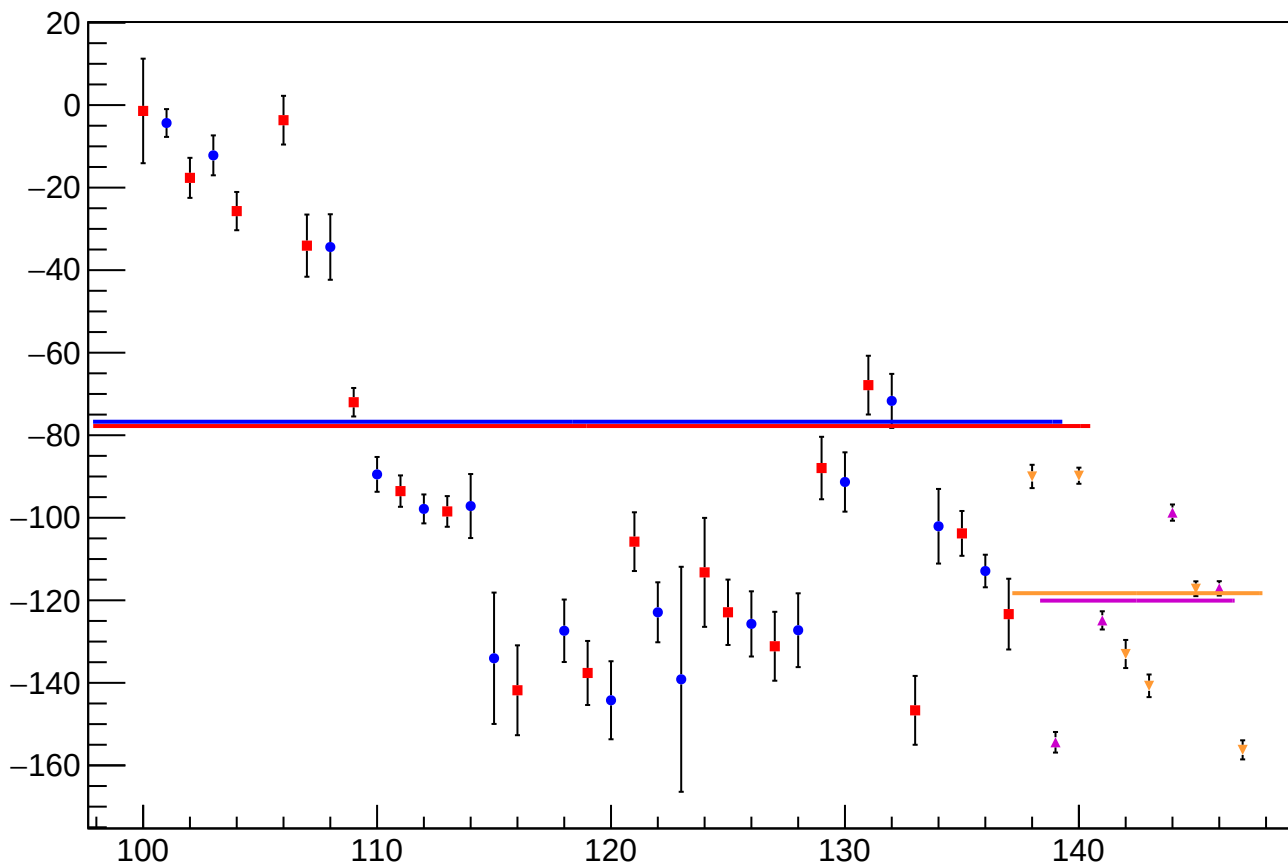
Left In: 23.509 $\pm$ 0.735 χ^2 /NDF: 523.9/3

+ sign 25.678 $\pm$ 0.503 χ^2 /NDF: 1478.2/22

All: 25.540 $\pm$ 0.370 χ^2 /NDF: 3025.7/45

- sign 25.378 $\pm$ 0.545 χ^2 /NDF: 1547.3/22

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.728 ± 1.412 χ^2/NDF : 1042.0/16

Left Out: -118.274 ± 0.951 χ^2/NDF : 668.5/5

Right Out: -77.773 ± 1.352 χ^2/NDF : 871.8/18

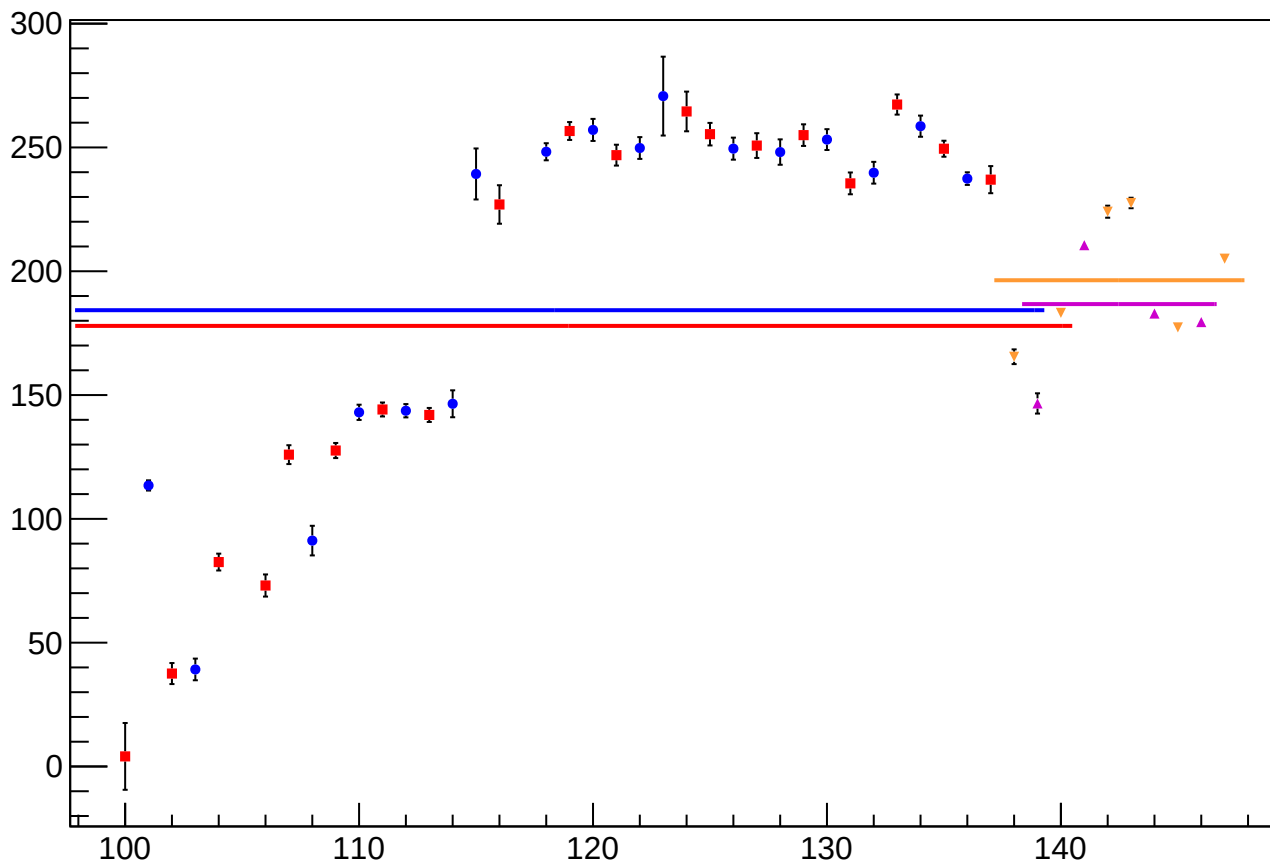
Left In: -120.072 ± 1.023 χ^2/NDF : 314.3/3

+ sign -105.312 ± 0.789 χ^2/NDF : 2306.0/22

All: -105.002 ± 0.567 χ^2/NDF : 4114.6/45

- sign -104.670 ± 0.816 χ^2/NDF : 1808.3/22

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 184.271 $\pm$ 0.914 χ^2 /NDF: 5401.0/16

Left Out: 196.367 $\pm$ 0.796 χ^2 /NDF: 676.1/5

Right Out: 177.930 $\pm$ 0.924 χ^2 /NDF: 6330.9/18

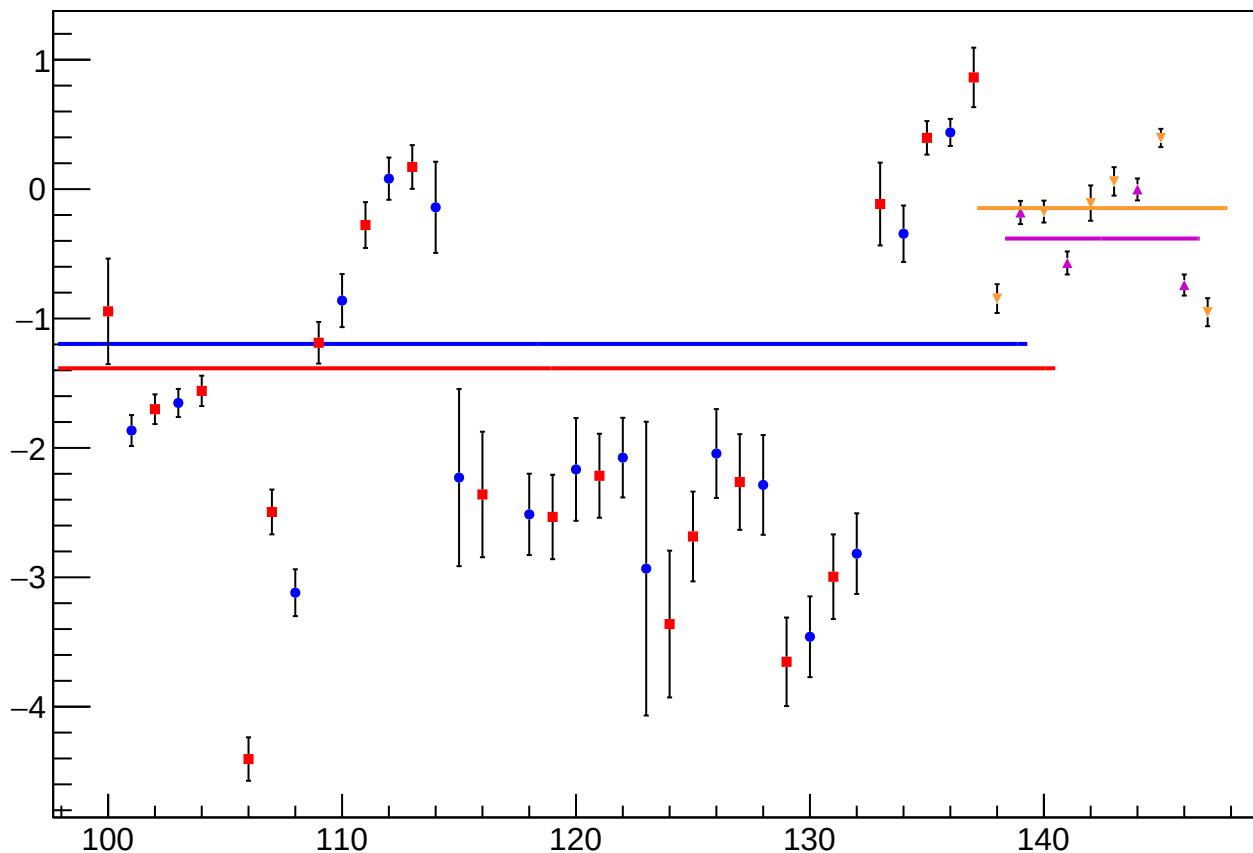
Left In: 186.736 $\pm$ 0.884 χ^2 /NDF: 307.1/3

+ sign 191.144 $\pm$ 0.600 χ^2 /NDF: 6176.6/22

All: 187.102 $\pm$ 0.438 χ^2 /NDF: 12958.7/45

- sign 182.525 $\pm$ 0.639 χ^2 /NDF: 6685.4/22

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.196 ± 0.048 χ^2/NDF : 623.1/16

Left Out: -0.147 ± 0.039 χ^2/NDF : 157.7/5

Right Out: -1.385 ± 0.046 χ^2/NDF : 924.4/18

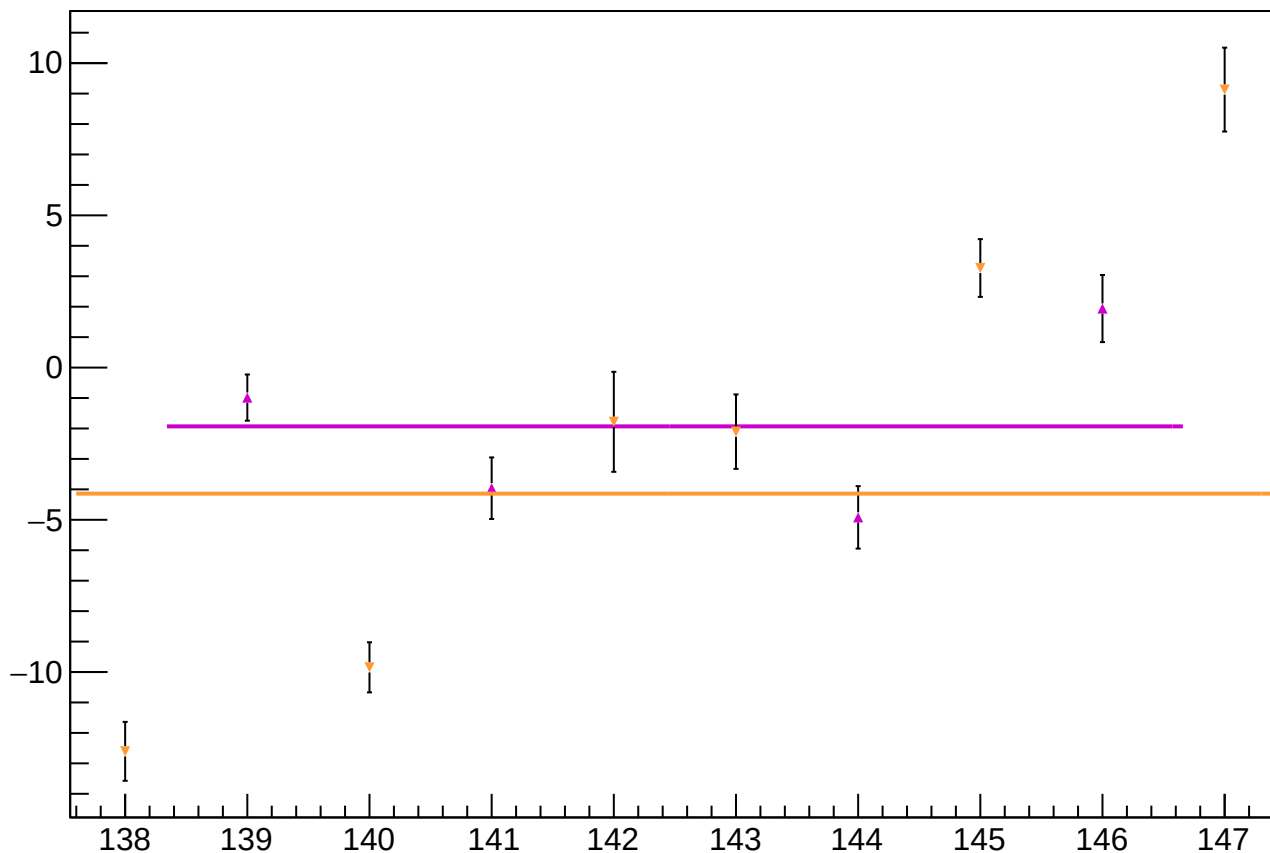
Left In: -0.382 ± 0.043 χ^2/NDF : 49.1/3

+ sign -0.568 ± 0.030 χ^2/NDF : 1065.8/22

All: -0.706 ± 0.022 χ^2/NDF : 2336.4/45

- sign -0.852 ± 0.031 χ^2/NDF : 1228.6/22

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -4.140+/-0.438 χ^2/NDF : 283.3/5

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

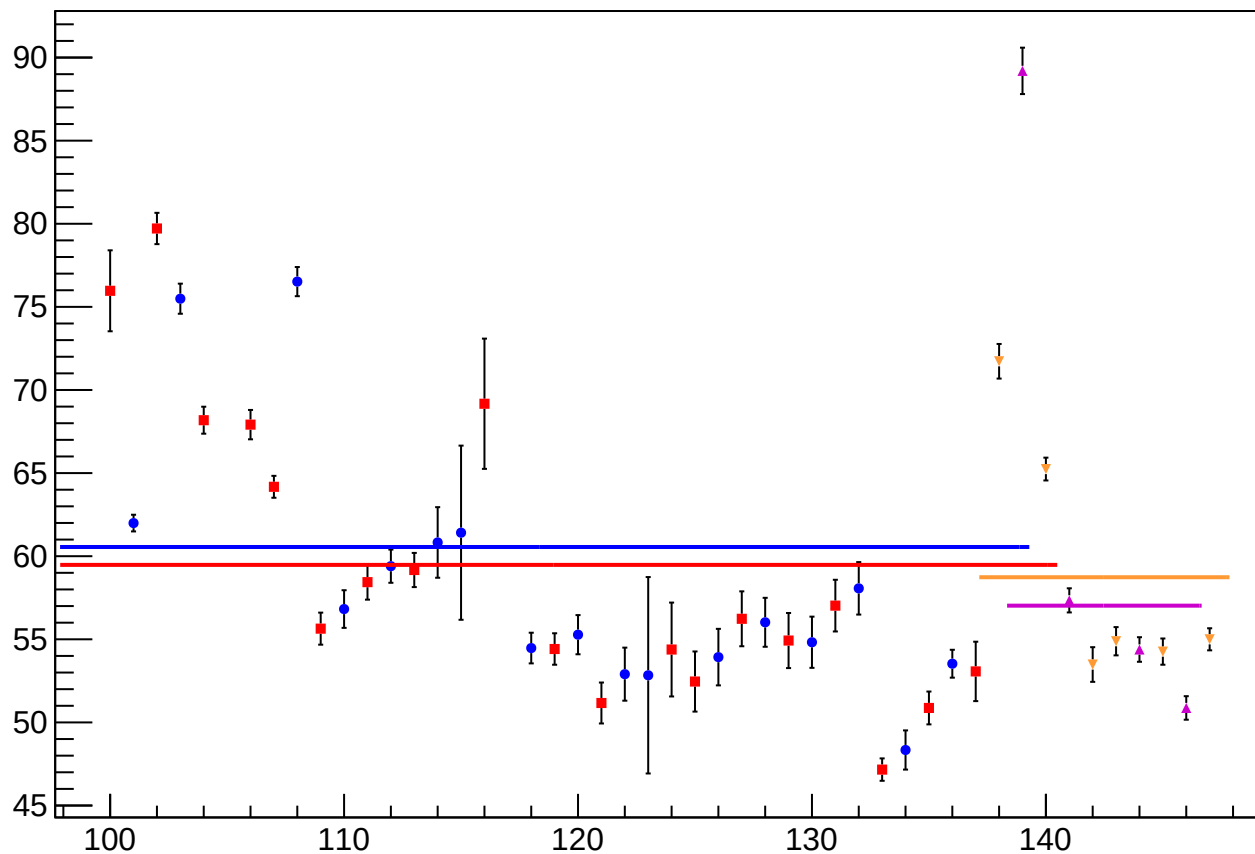
Left In: -1.931+/-0.472 χ^2/NDF : 26.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.119+/-0.321 χ^2/NDF : 321.5/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 ± 0.262 $\chi^2/\text{NDF}: 930.8/16$

Left Out: 58.734 ± 0.329 $\chi^2/\text{NDF}: 355.2/5$

Right Out: 59.477 ± 0.248 $\chi^2/\text{NDF}: 1317.0/18$

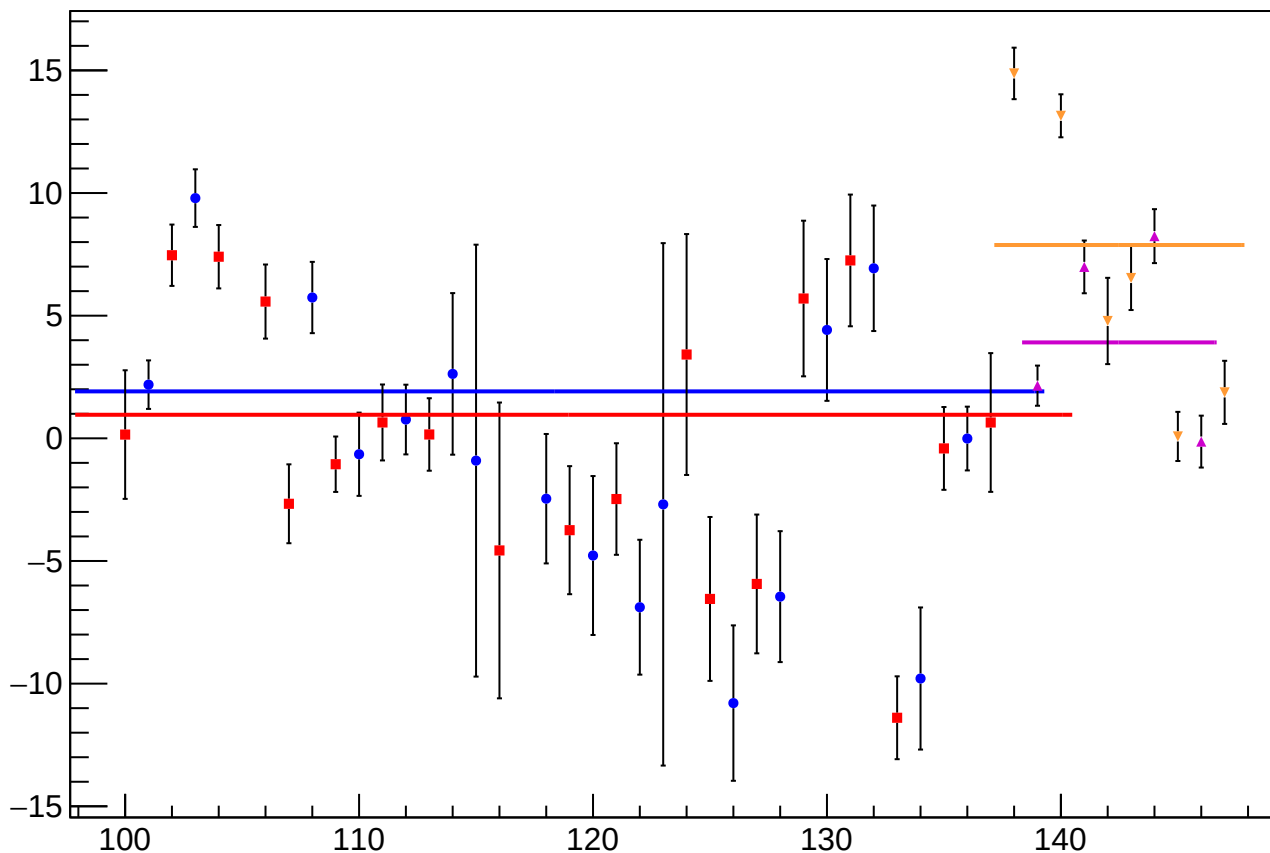
Left In: 57.024 ± 0.400 $\chi^2/\text{NDF}: 619.6/3$

+ sign 59.850 ± 0.205 $\chi^2/\text{NDF}: 1304.7/22$

All: 59.339 ± 0.147 $\chi^2/\text{NDF}: 3281.3/45$

- sign 58.798 ± 0.211 $\chi^2/\text{NDF}: 1963.8/22$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 ± 0.458 χ^2/NDF : 121.6/16

Left Out: 7.881 ± 0.460 χ^2/NDF : 167.2/5

Right Out: 0.960 ± 0.424 χ^2/NDF : 149.5/18

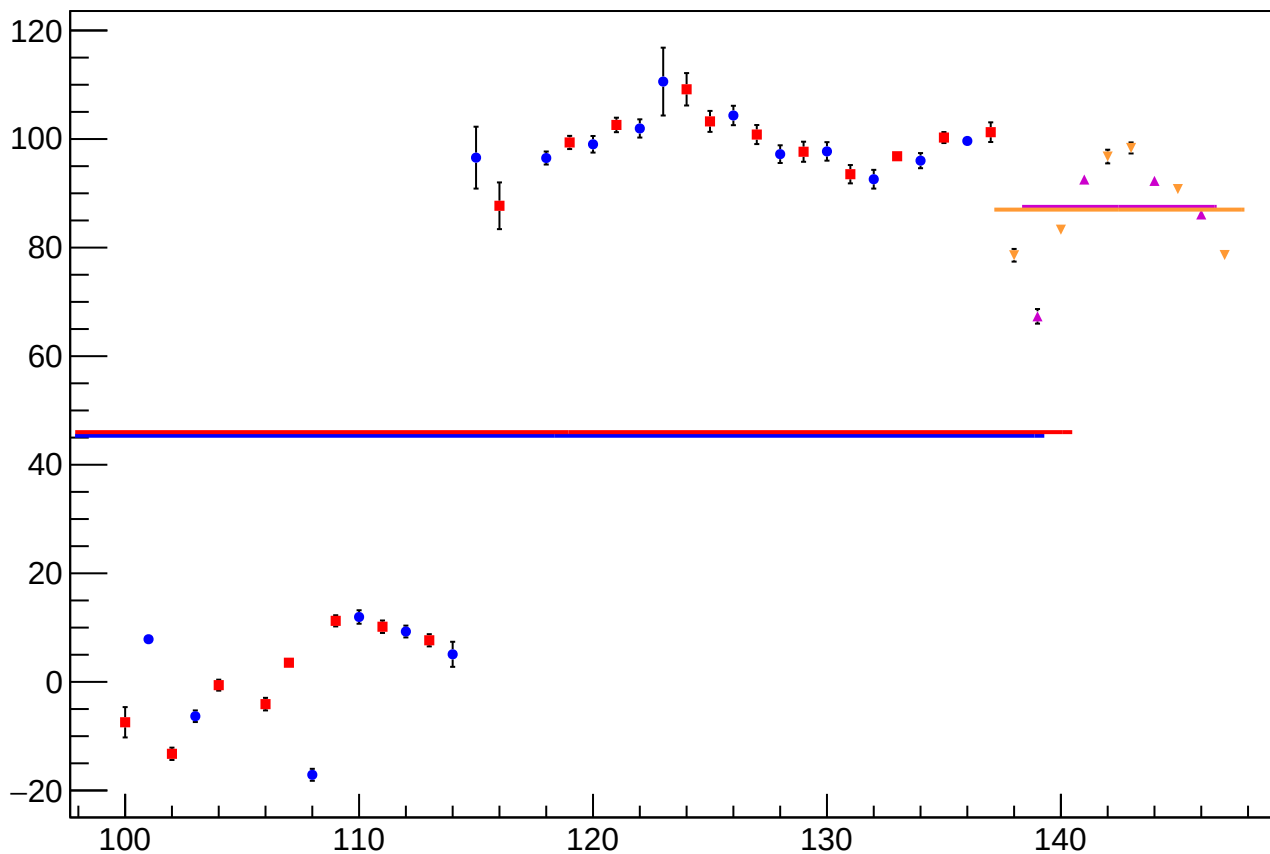
Left In: 3.910 ± 0.495 χ^2/NDF : 43.0/3

+ sign 4.881 ± 0.325 χ^2/NDF : 373.3/22

All: 3.535 ± 0.229 χ^2/NDF : 620.3/45

- sign 2.209 ± 0.322 χ^2/NDF : 212.9/22

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 45.344 $\pm$ 0.303 χ^2 /NDF: 25071.0/16

Left Out: 86.999 $\pm$ 0.400 χ^2 /NDF: 359.6/5

Right Out: 46.007 $\pm$ 0.289 χ^2 /NDF: 28219.9/18

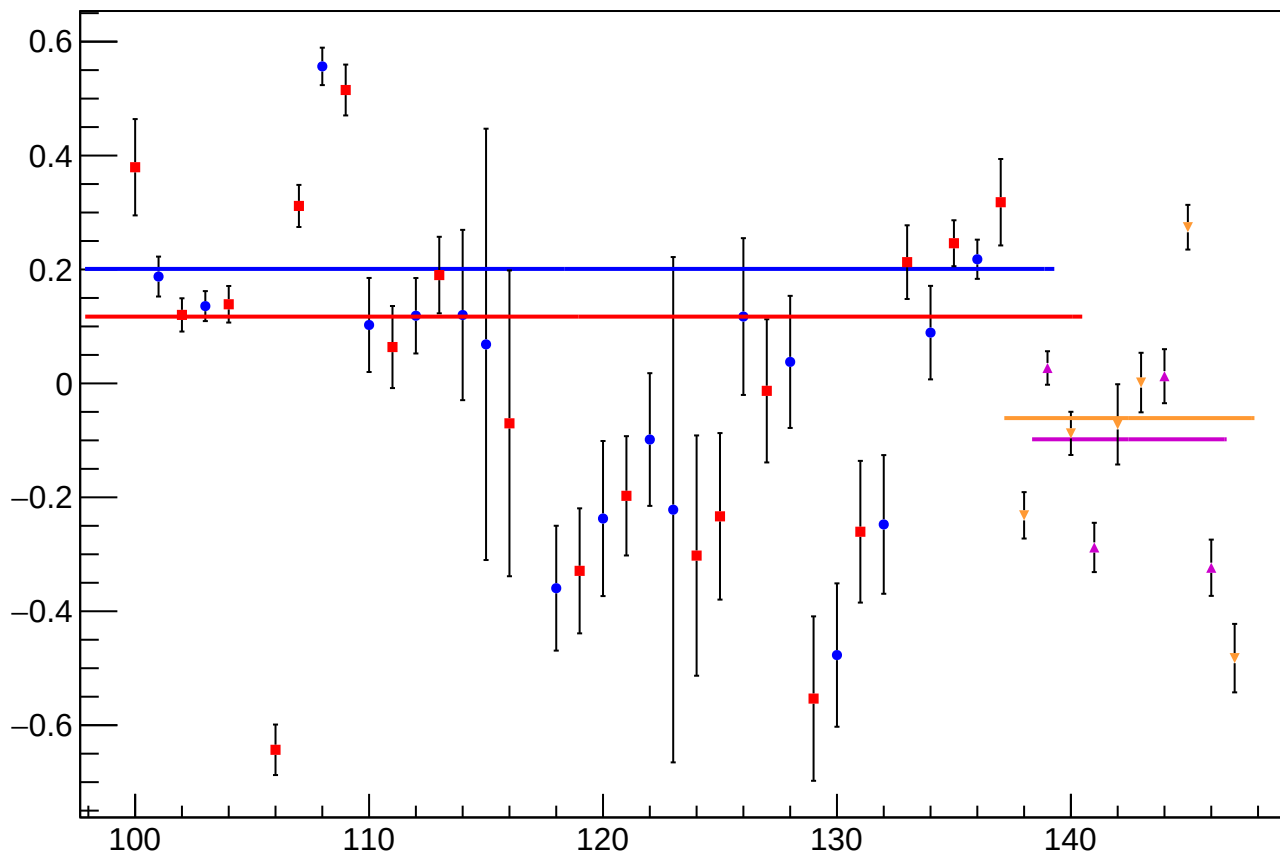
Left In: 87.502 $\pm$ 0.472 χ^2 /NDF: 290.4/3

+ sign 60.533 $\pm$ 0.242 χ^2 /NDF: 32311.2/22

All: 58.979 $\pm$ 0.173 χ^2 /NDF: 66528.9/45

- sign 57.362 $\pm$ 0.247 χ^2 /NDF: 34133.4/22

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.014 χ^2/NDF : 217.8/16

Left Out: -0.061 ± 0.019 χ^2/NDF : 141.6/5

Right Out: 0.117 ± 0.013 χ^2/NDF : 500.1/18

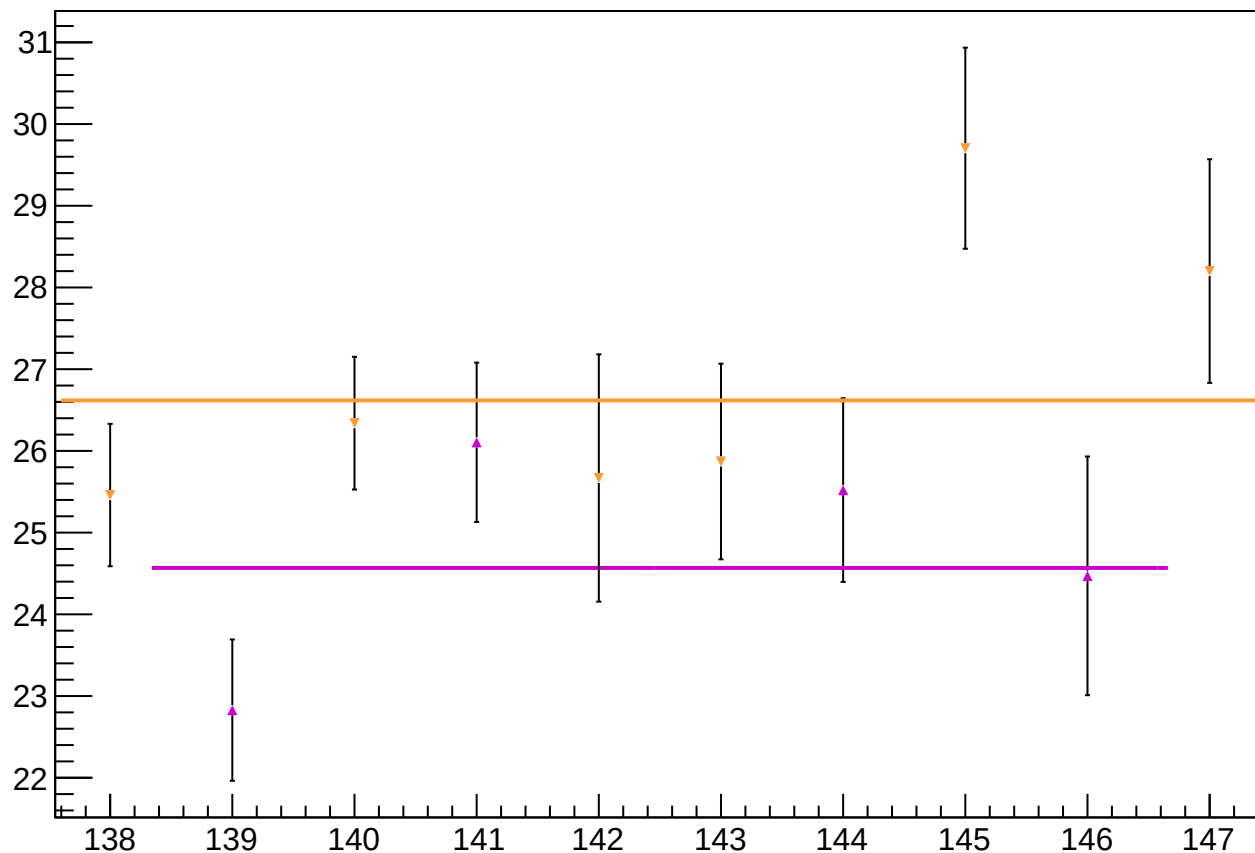
Left In: -0.098 ± 0.020 χ^2/NDF : 63.7/3

+ sign 0.108 ± 0.011 χ^2/NDF : 483.0/22

All: 0.079 ± 0.008 χ^2/NDF : 1141.9/45

- sign 0.052 ± 0.011 χ^2/NDF : 646.3/22

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 26.618+/-0.440 χ^2/NDF :10.3/5

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

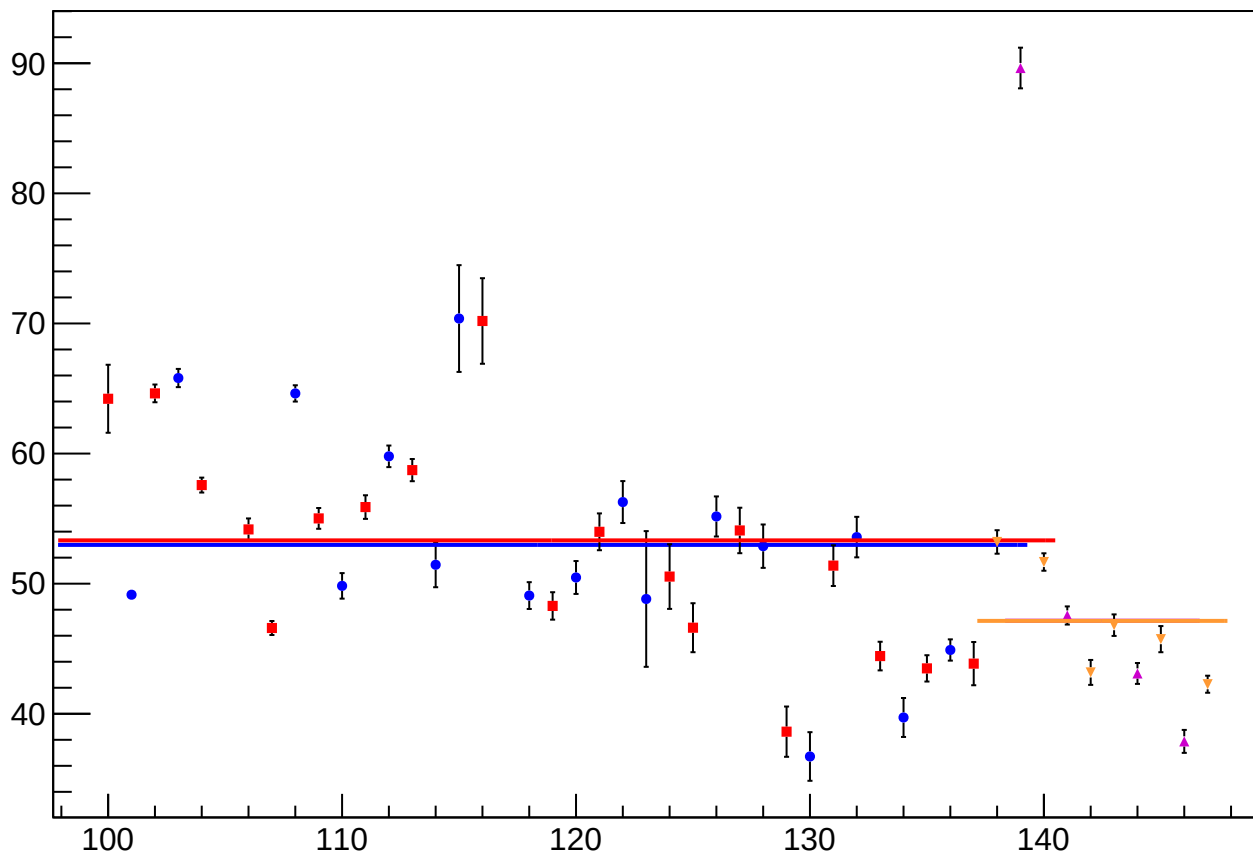
Left In: 24.568+/-0.523 χ^2/NDF :7.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.769+/-0.337 χ^2/NDF : 26.5/9

- 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: 47.140 $\pm$ 0.328 χ^2 /NDF:165.1/5

Right Out: 53.328 $\pm$ 0.227 χ^2 /NDF: 872.7/18

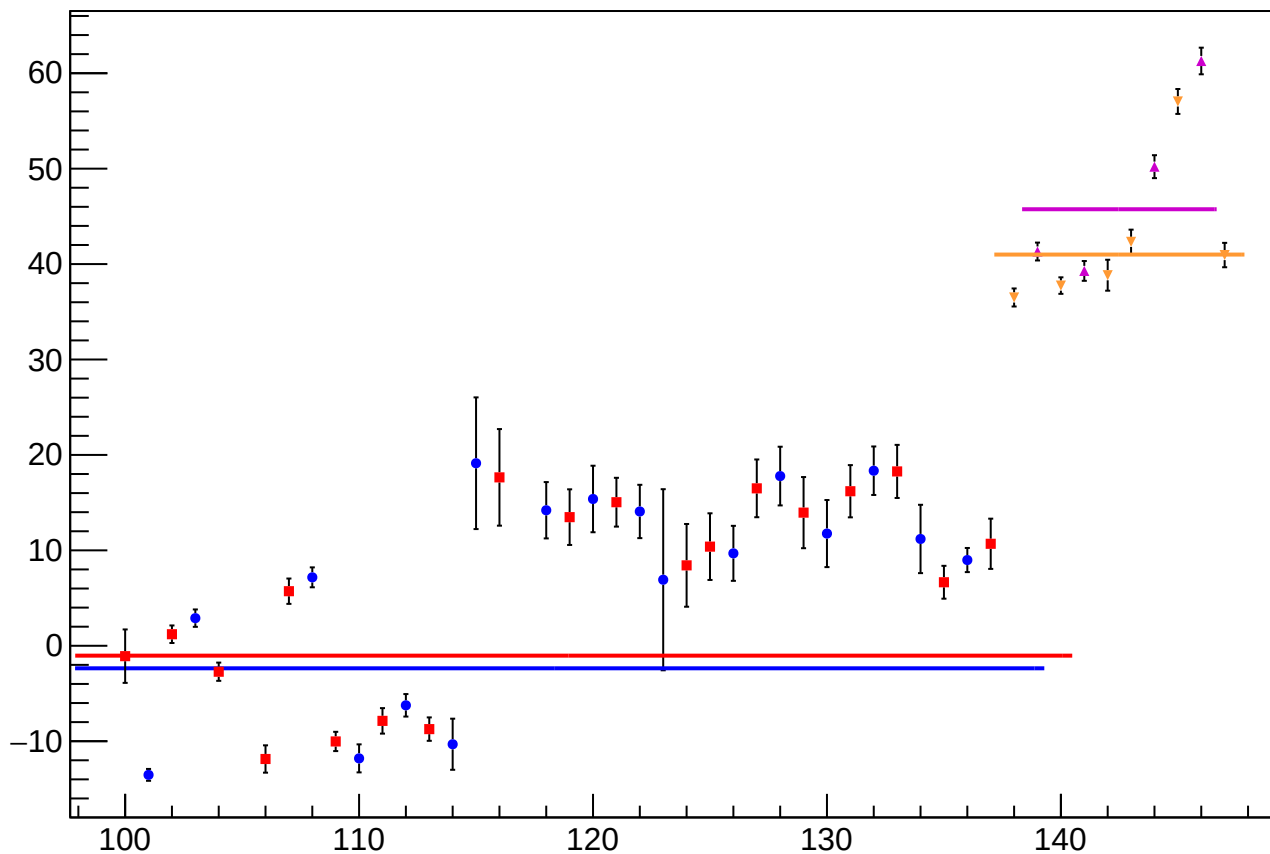
Left In: 47.153 $\pm$ 0.434 χ^2 /NDF:874.9/3

+ sign 51.278 $\pm$ 0.177 χ^2 /NDF: 1588.1/22

All: 51.596 $\pm$ 0.133 χ^2 /NDF: 3501.9/45

- sign 52.006 $\pm$ 0.201 χ^2 /NDF: 1906.4/22

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.361 ± 0.364 χ^2/NDF : 840.8/16

Left Out: 40.997 ± 0.464 χ^2/NDF : 190.8/5

Right Out: -1.035 ± 0.377 χ^2/NDF : 507.7/18

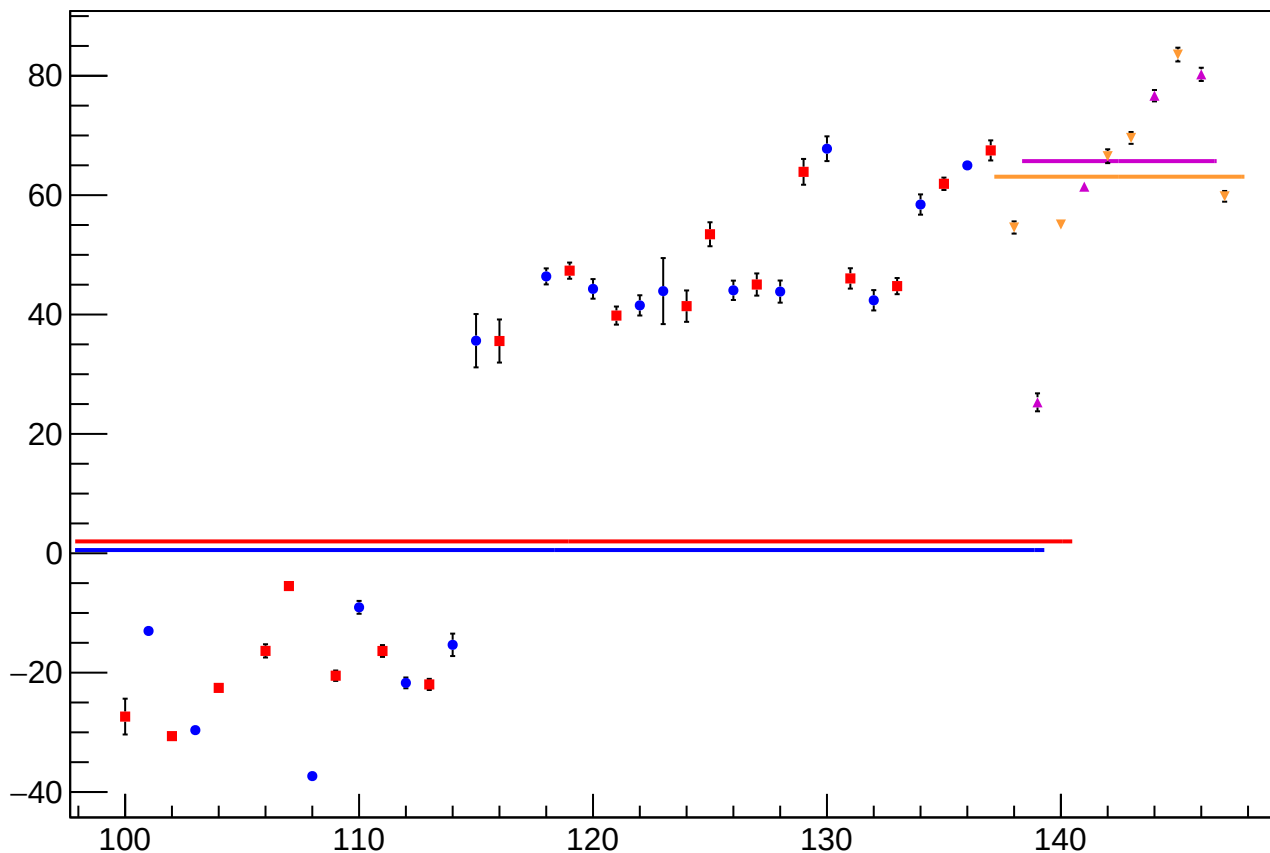
Left In: 45.746 ± 0.552 χ^2/NDF : 199.0/3

+ sign 14.156 ± 0.286 χ^2/NDF : 6442.1/22

All: 14.005 ± 0.211 χ^2/NDF : 12042.9/45

- sign 13.825 ± 0.311 χ^2/NDF : 5600.1/22

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 ± 0.247 χ^2/NDF : 18423.8/16

Left Out: 63.093 ± 0.401 χ^2/NDF : 545.8/5

Right Out: 1.990 ± 0.267 χ^2/NDF : 15476.7/18

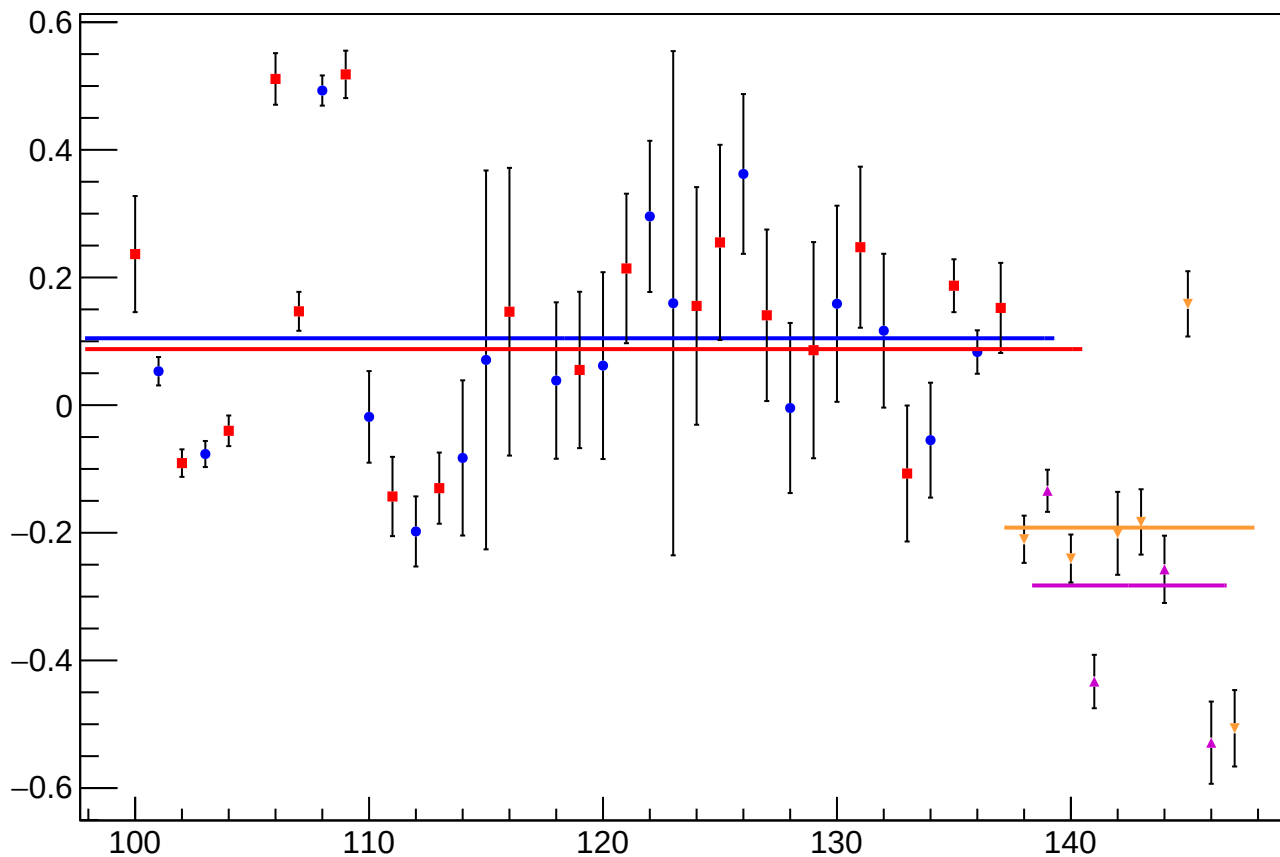
Left In: 65.703 ± 0.514 χ^2/NDF : 1051.3/3

+ sign 17.745 ± 0.210 χ^2/NDF : 36650.3/22

All: 16.747 ± 0.157 χ^2/NDF : 65330.7/45

- sign 15.481 ± 0.237 χ^2/NDF : 28629.2/22

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.7/16$

Left Out: -0.192 ± 0.019 $\chi^2/\text{NDF}: 76.6/5$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

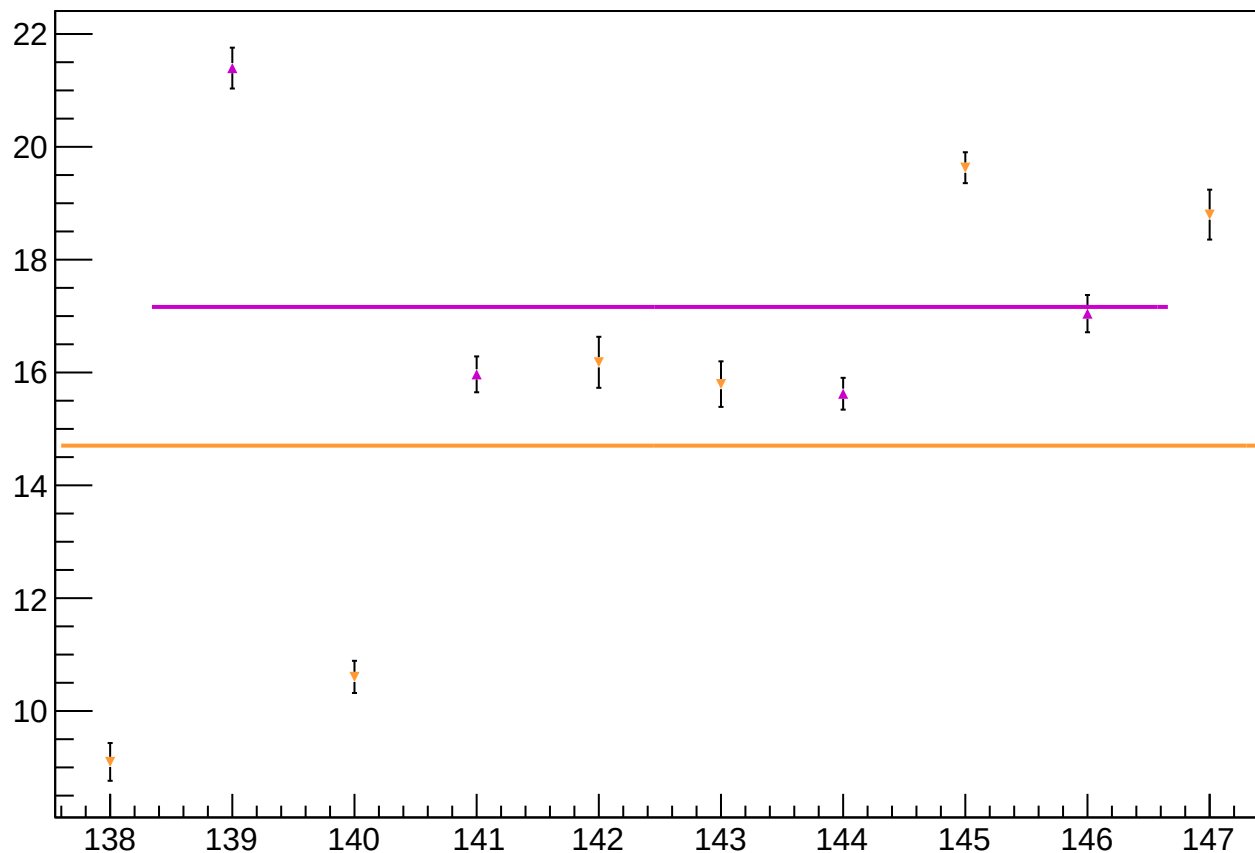
Left In: -0.283 ± 0.022 $\chi^2/\text{NDF}: 48.0/3$

+ sign 0.031 ± 0.010 $\chi^2/\text{NDF}: 657.0/22$

All: 0.022 ± 0.007 $\chi^2/\text{NDF}: 1326.4/45$

- sign 0.013 ± 0.010 $\chi^2/\text{NDF}: 667.6/22$

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.704+/-0.140 χ^2/NDF : 913.9/5

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

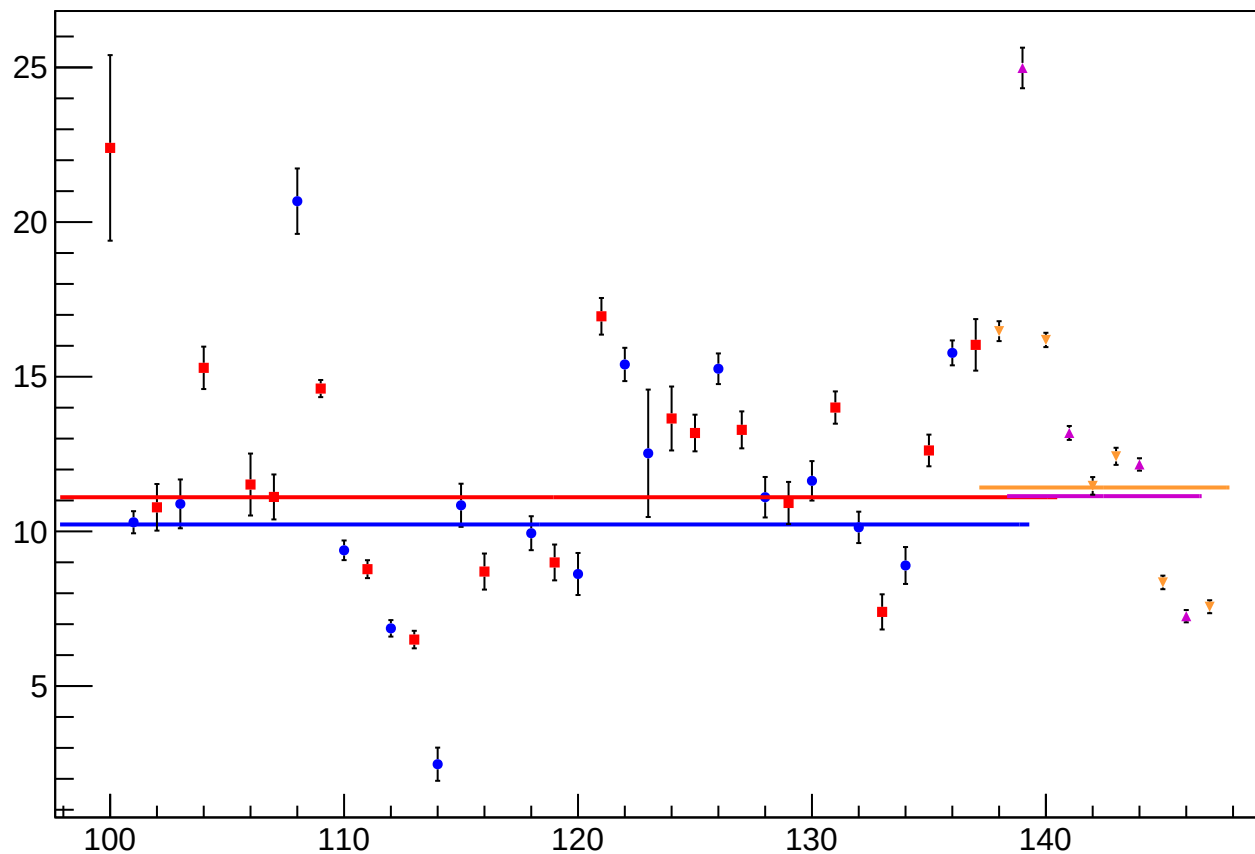
Left In: 17.162+/-0.160 χ^2/NDF : 180.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.778+/-0.105 χ^2/NDF : 1228.5/9

- 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: 11.419 ± 0.101 χ^2/NDF : 1219.7/5

Right Out: 11.104 ± 0.116 χ^2/NDF : 817.2/18

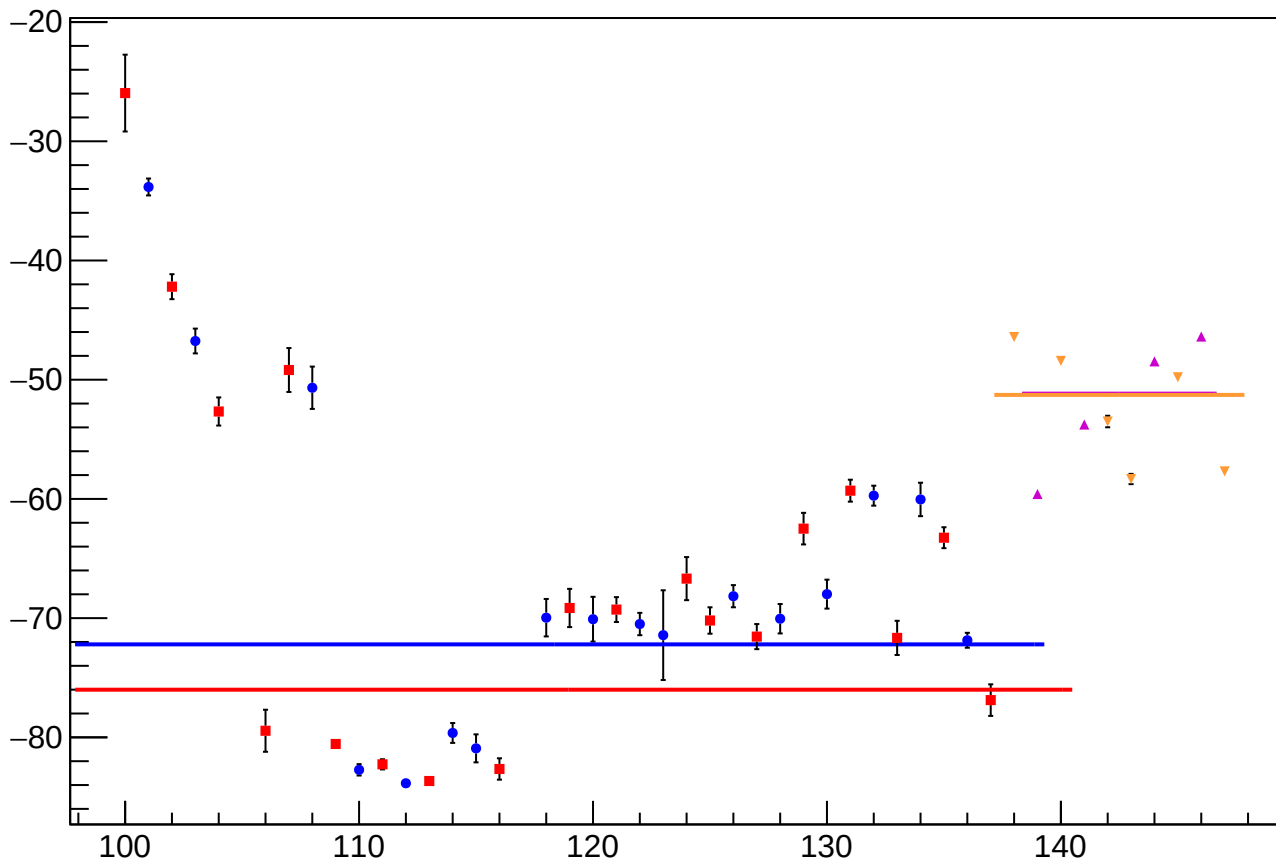
Left In: 11.139 ± 0.118 χ^2/NDF : 933.7/3

+ sign 10.916 ± 0.077 χ^2/NDF : 2155.8/22

All: 11.012 ± 0.056 χ^2/NDF : 3910.0/45

- sign 11.121 ± 0.083 χ^2/NDF : 1750.9/22

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 χ^2/NDF : 5566.9/16

Left Out: -51.275 ± 0.148 χ^2/NDF : 823.6/5

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.4/18

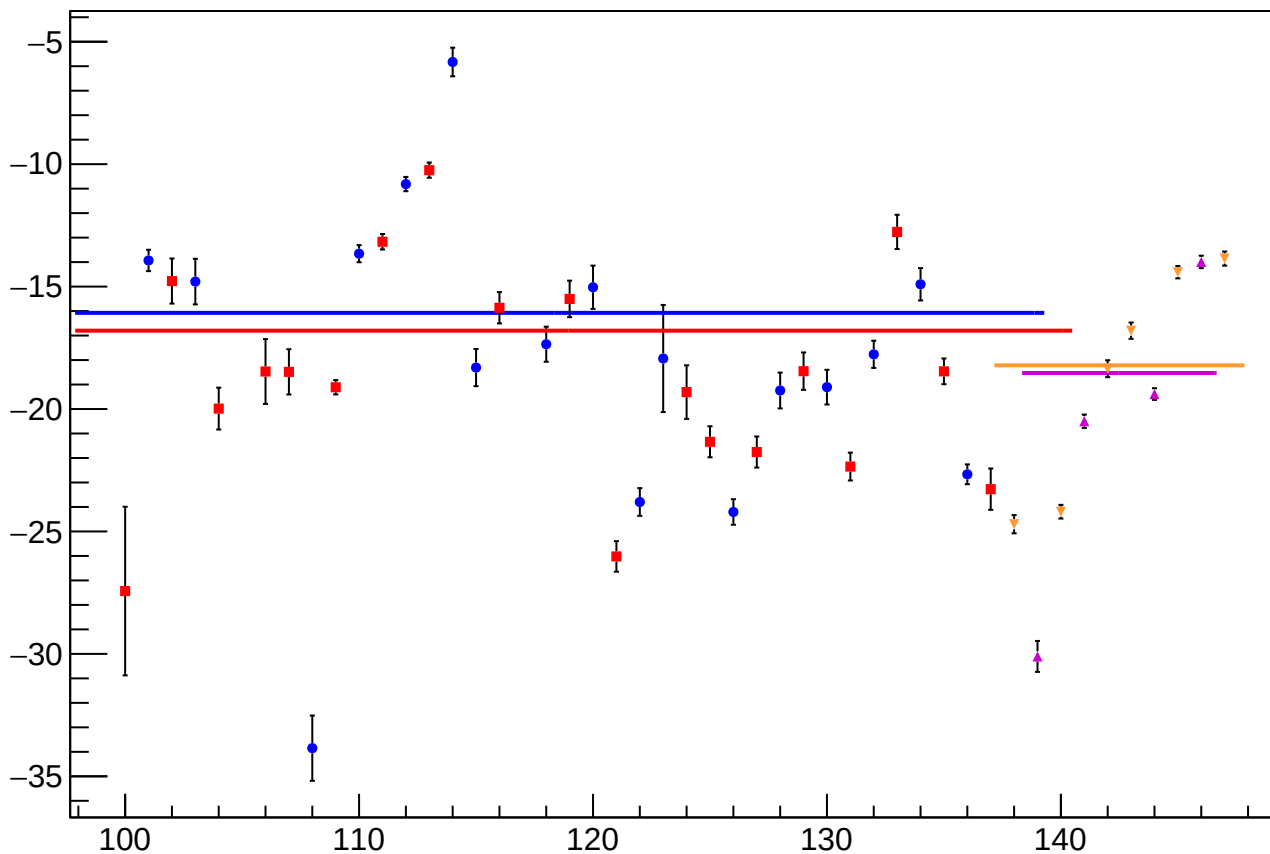
Left In: -51.169 ± 0.166 χ^2/NDF : 829.8/3

+ sign -58.792 ± 0.118 χ^2/NDF : 13570.4/22

All: -60.601 ± 0.085 χ^2/NDF : 28567.0/45

- sign -62.531 ± 0.122 χ^2/NDF : 14514.8/22

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.072 ± 0.132 χ^2/NDF : 1640.9/16

Left Out: -18.215 ± 0.124 χ^2/NDF : 1230.9/5

Right Out: -16.799 ± 0.128 χ^2/NDF : 1215.8/18

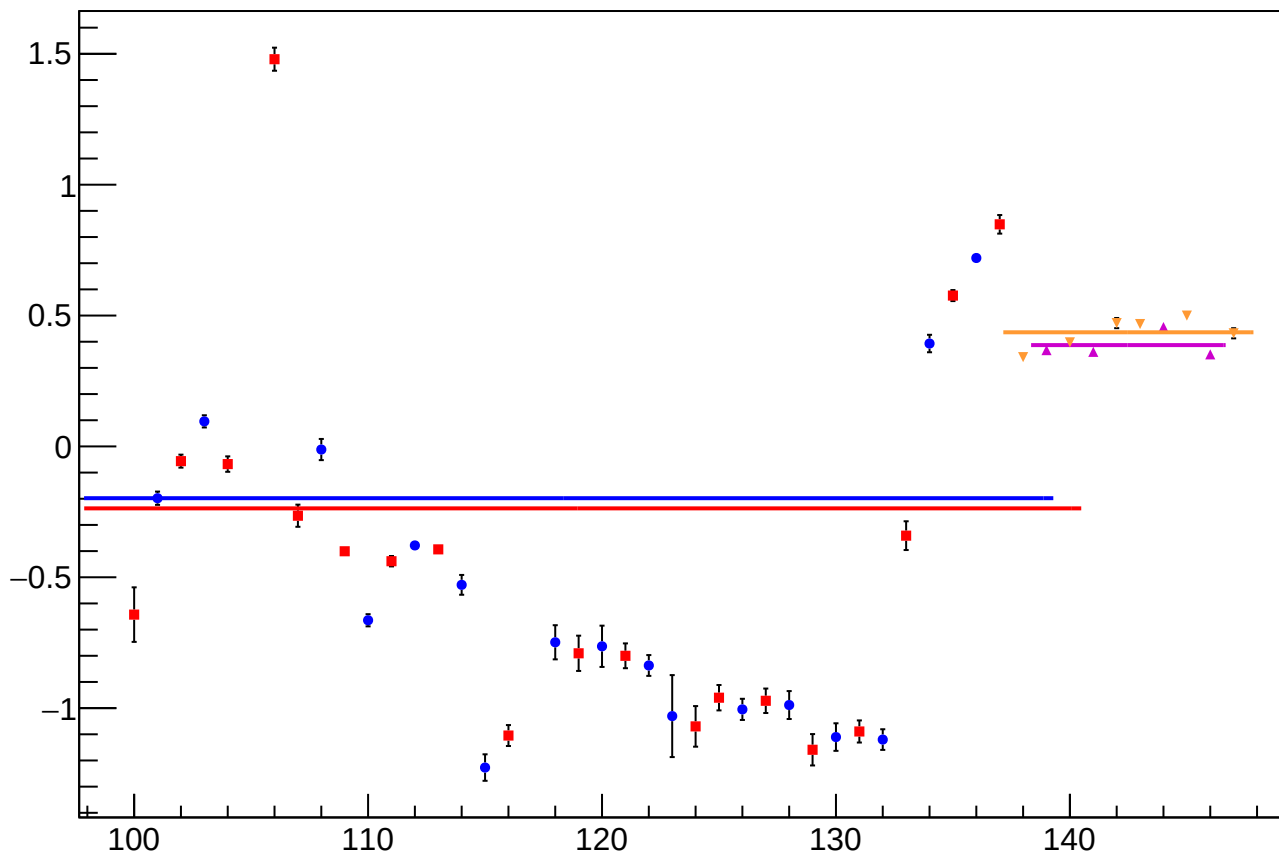
Left In: -18.528 ± 0.142 χ^2/NDF : 722.6/3

+ sign -17.210 ± 0.090 χ^2/NDF : 3011.5/22

All: -17.382 ± 0.066 χ^2/NDF : 5039.0/45

- sign -17.573 ± 0.095 χ^2/NDF : 2019.9/22

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.198 ± 0.008 χ^2/NDF : 6338.8/16

Left Out: 0.436 ± 0.006 χ^2/NDF : 89.2/5

Right Out: -0.237 ± 0.007 χ^2/NDF : 6221.9/18

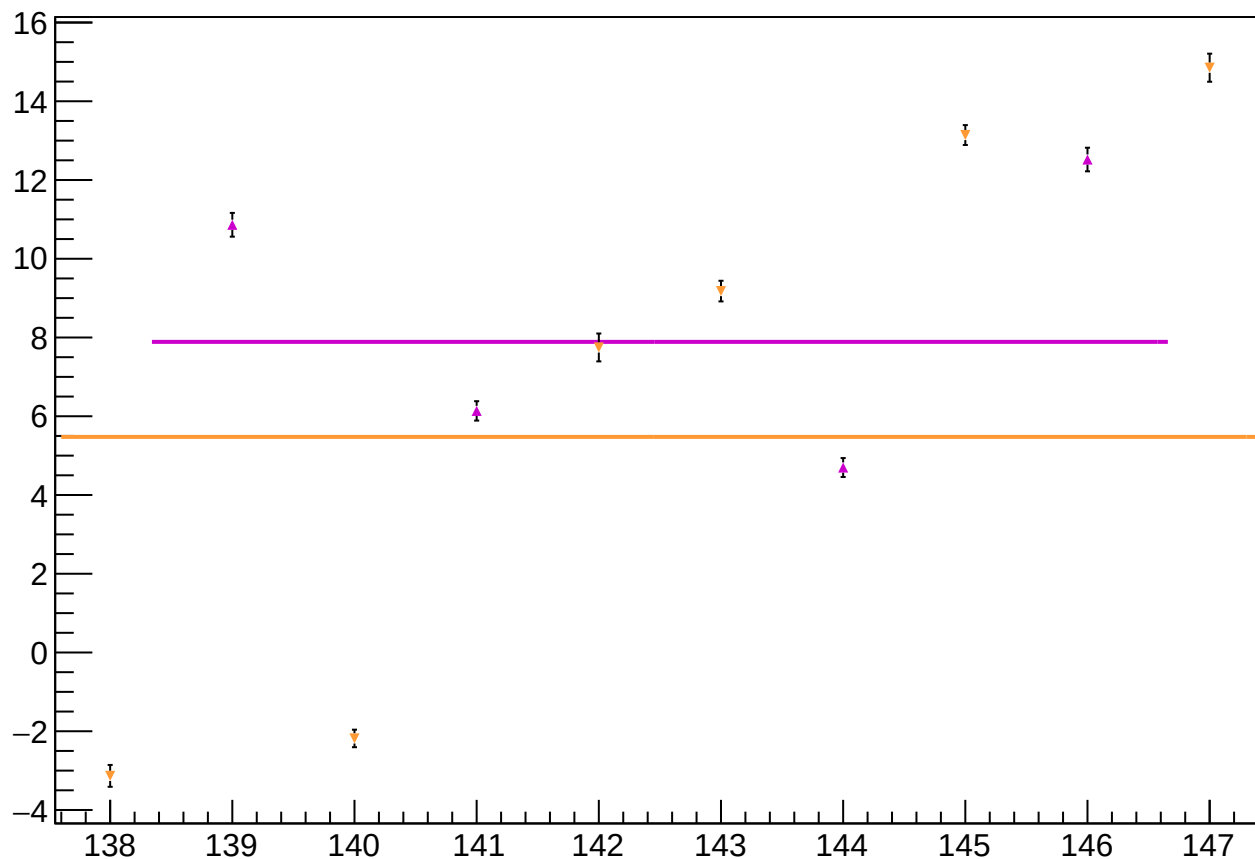
Left In: 0.387 ± 0.007 χ^2/NDF : 39.0/3

+ sign 0.184 ± 0.005 χ^2/NDF : 10693.8/22

All: 0.138 ± 0.003 χ^2/NDF : 21084.1/45

- sign 0.087 ± 0.005 χ^2/NDF : 10190.9/22

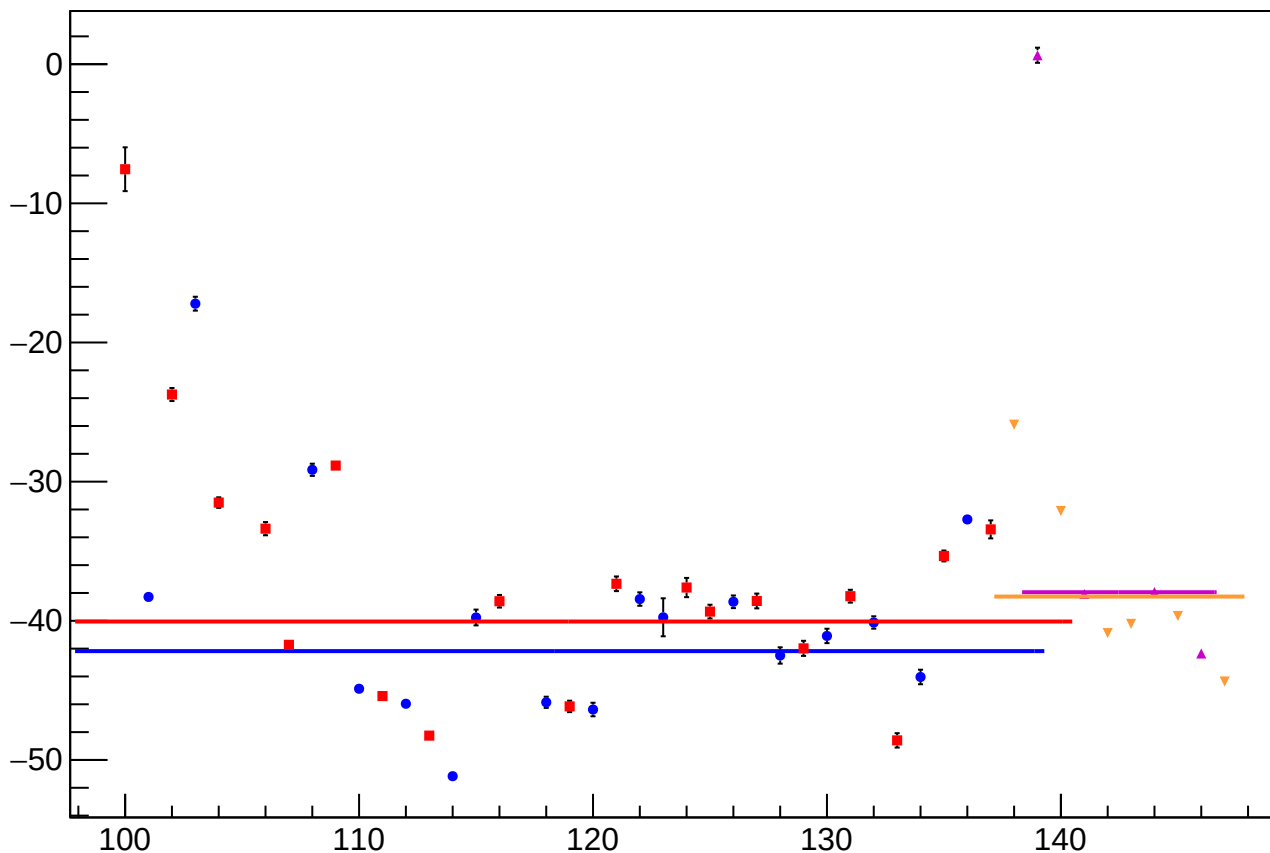
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 5.476 $\pm$ 0.112 χ^2 /NDF:3999.8/5
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 7.889 $\pm$ 0.134 χ^2 /NDF:562.6/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 6.474 $\pm$ 0.086 χ^2 /NDF: 4753.4/9
- 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 χ^2/NDF : 6573.8/16

Left Out: -38.258 ± 0.081 χ^2/NDF : 4855.2/5

Right Out: -40.052 ± 0.073 χ^2/NDF : 11313.5/18

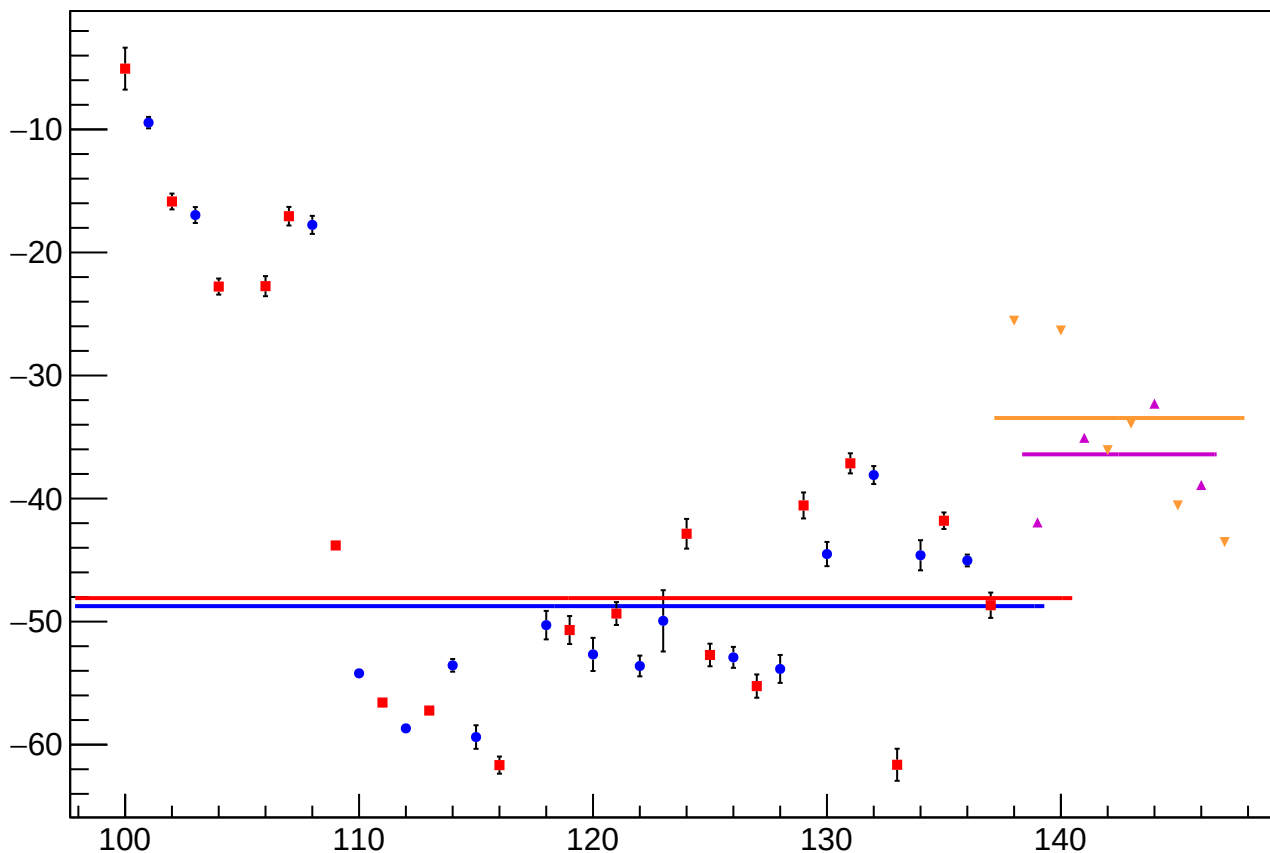
Left In: -37.947 ± 0.101 χ^2/NDF : 5577.7/3

+ sign -40.290 ± 0.056 χ^2/NDF : 12653.3/22

All: -39.834 ± 0.041 χ^2/NDF : 29972.2/45

- sign -39.328 ± 0.059 χ^2/NDF : 17178.9/22

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 $\chi^2/\text{NDF}: 14658.5/16$

Left Out: -33.454 ± 0.118 $\chi^2/\text{NDF}: 3258.4/5$

Right Out: -48.091 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

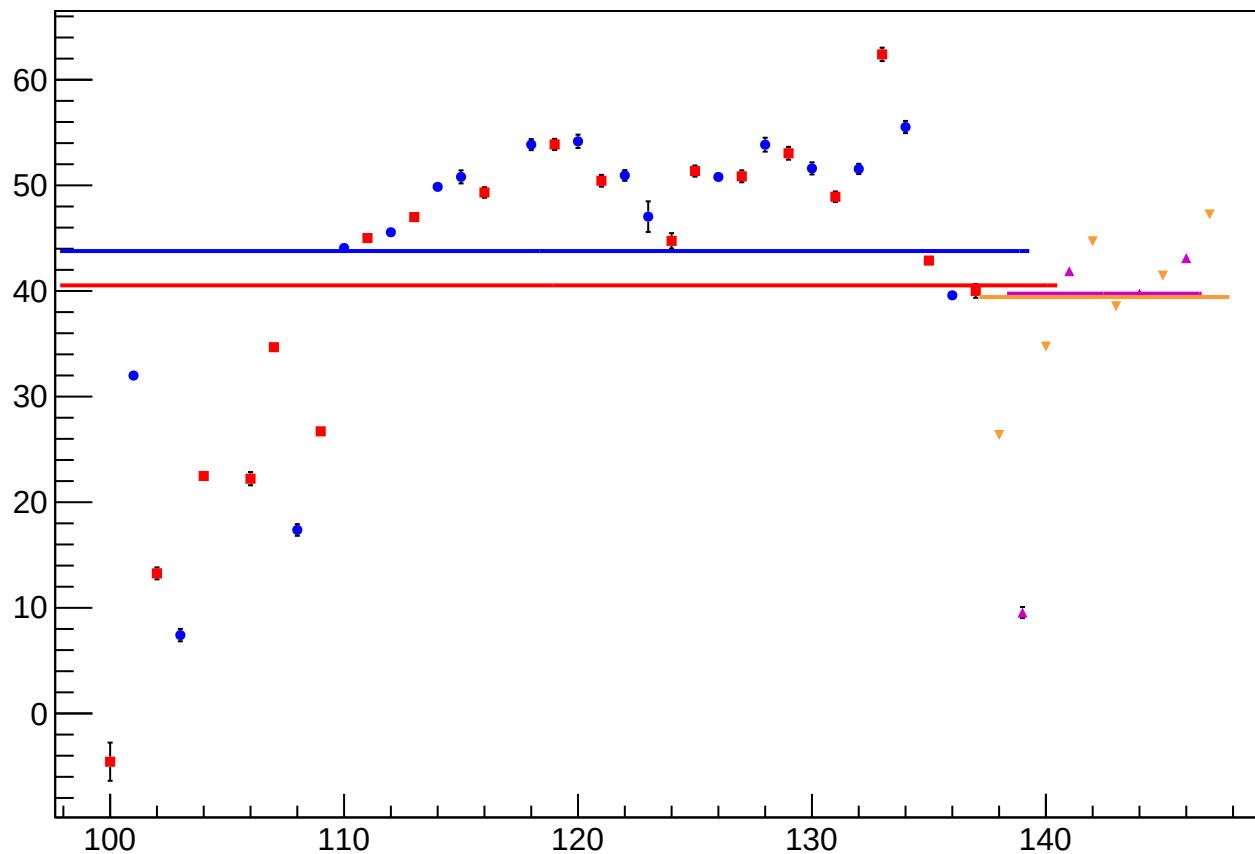
Left In: -36.406 ± 0.140 $\chi^2/\text{NDF}: 644.2/3$

+ sign -40.712 ± 0.086 $\chi^2/\text{NDF}: 25847.8/22$

All: -42.250 ± 0.060 $\chi^2/\text{NDF}: 43259.9/45$

- sign -43.764 ± 0.085 $\chi^2/\text{NDF}: 16773.3/22$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 ± 0.087 $\chi^2/\text{NDF}: 10638.7/16$

Left Out: 39.427 ± 0.099 $\chi^2/\text{NDF}: 3820.2/5$

Right Out: 40.530 ± 0.080 $\chi^2/\text{NDF}: 17580.7/18$

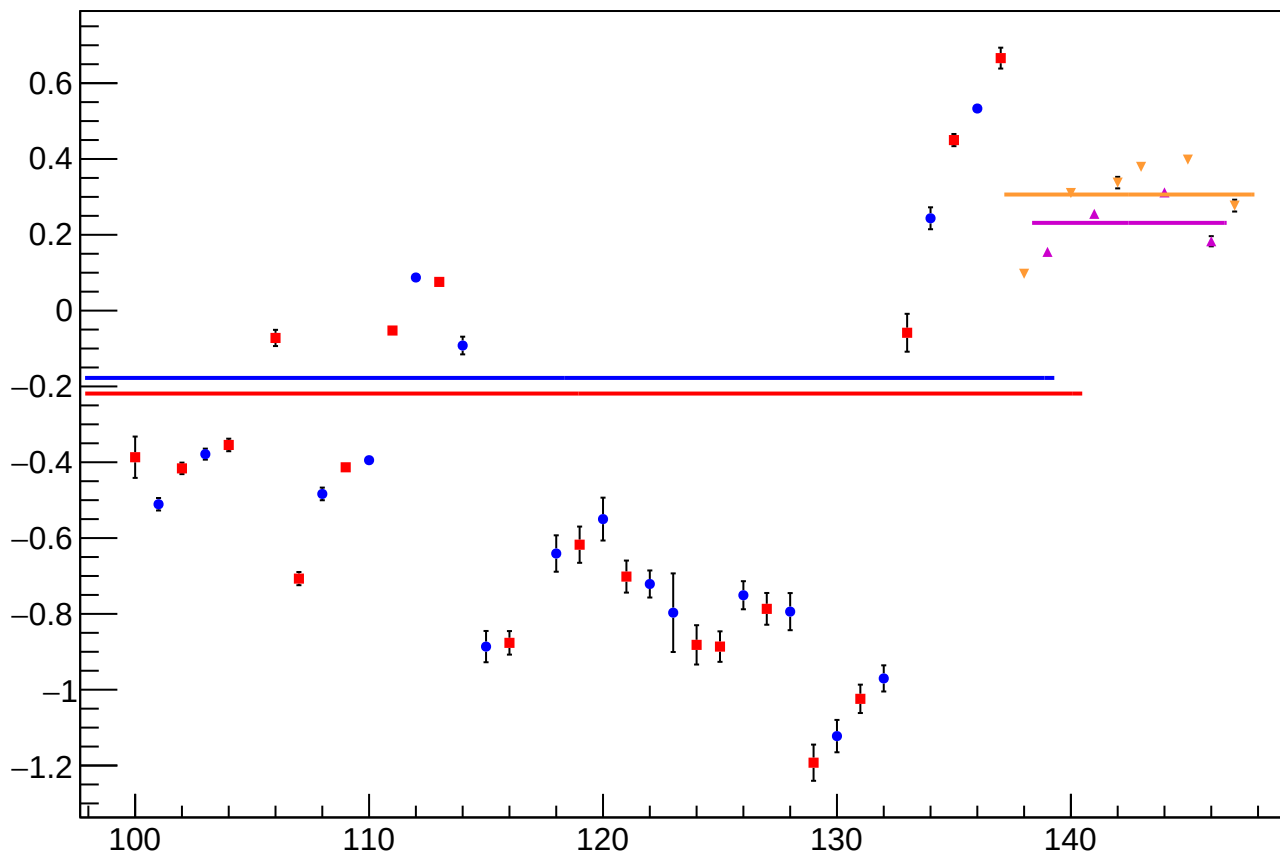
Left In: 39.747 ± 0.121 $\chi^2/\text{NDF}: 3625.4/3$

+ sign 41.888 ± 0.065 $\chi^2/\text{NDF}: 15558.5/22$

All: 41.109 ± 0.047 $\chi^2/\text{NDF}: 37087.0/45$

- sign 40.291 ± 0.067 $\chi^2/\text{NDF}: 21235.3/22$

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 $\chi^2/\text{NDF}: 7375.8/16$

Left Out: 0.306 ± 0.005 $\chi^2/\text{NDF}: 432.9/5$

Right Out: -0.219 ± 0.004 $\chi^2/\text{NDF}: 7470.0/18$

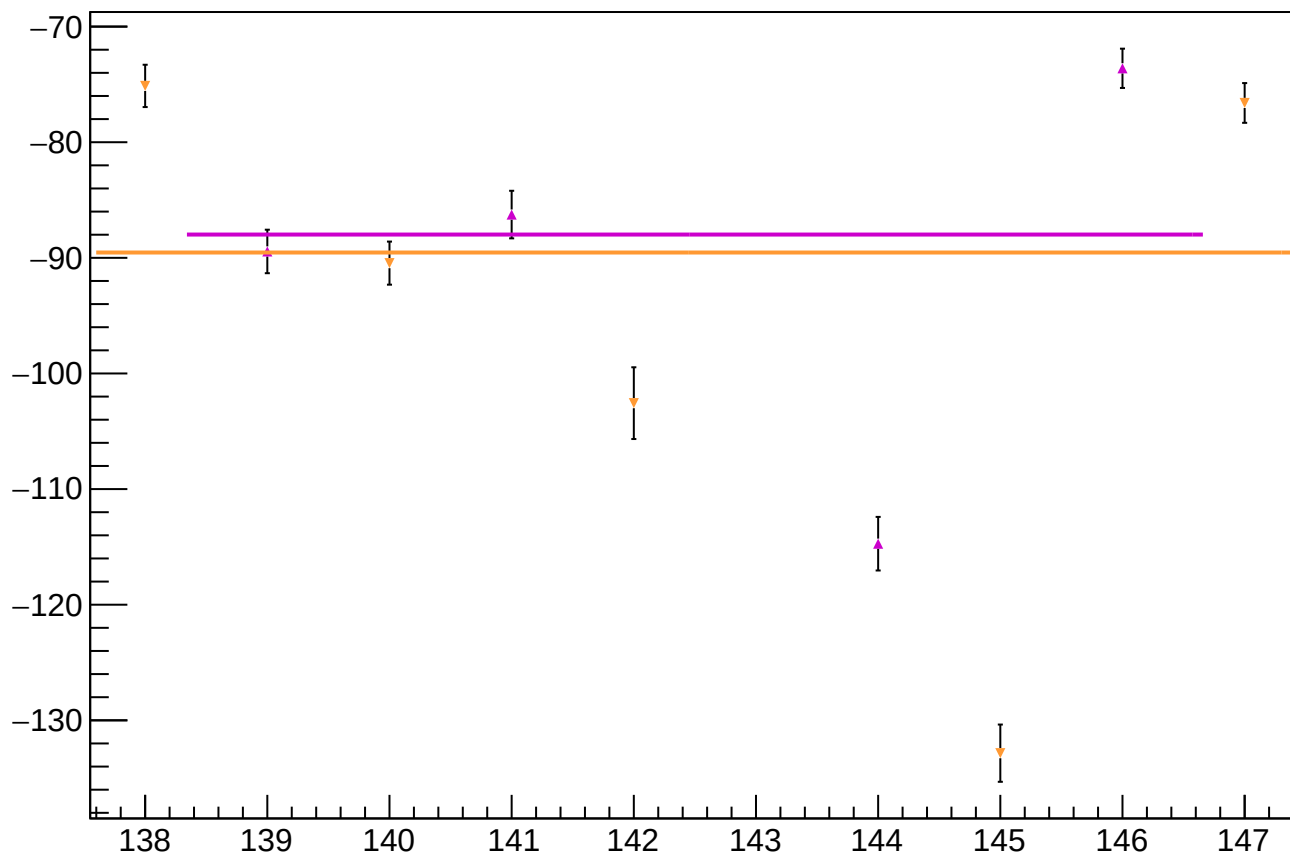
Left In: 0.231 ± 0.006 $\chi^2/\text{NDF}: 113.5/3$

+ sign 0.061 ± 0.003 $\chi^2/\text{NDF}: 12755.1/22$

All: 0.002 ± 0.002 $\chi^2/\text{NDF}: 24853.1/45$

- sign -0.058 ± 0.003 $\chi^2/\text{NDF}: 11494.5/22$

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -89.539+/-0.916 χ^2/NDF : 442.4/4

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

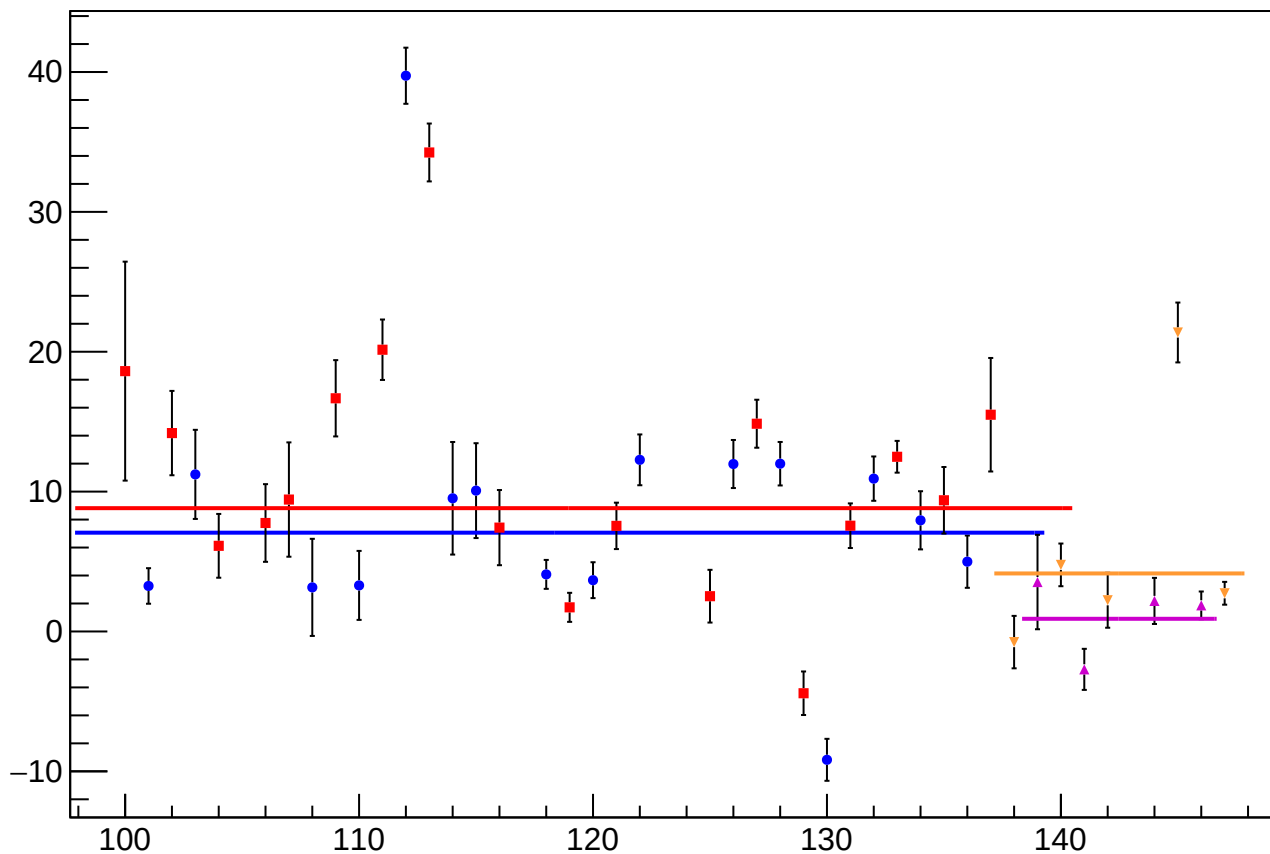
Left In: -87.986+/-0.975 χ^2/NDF : 206.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.811+/-0.668 χ^2/NDF : 649.8/8

- 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: 4.148 ± 0.609 $\chi^2/\text{NDF}: 75.8/4$

Right Out: 8.816 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

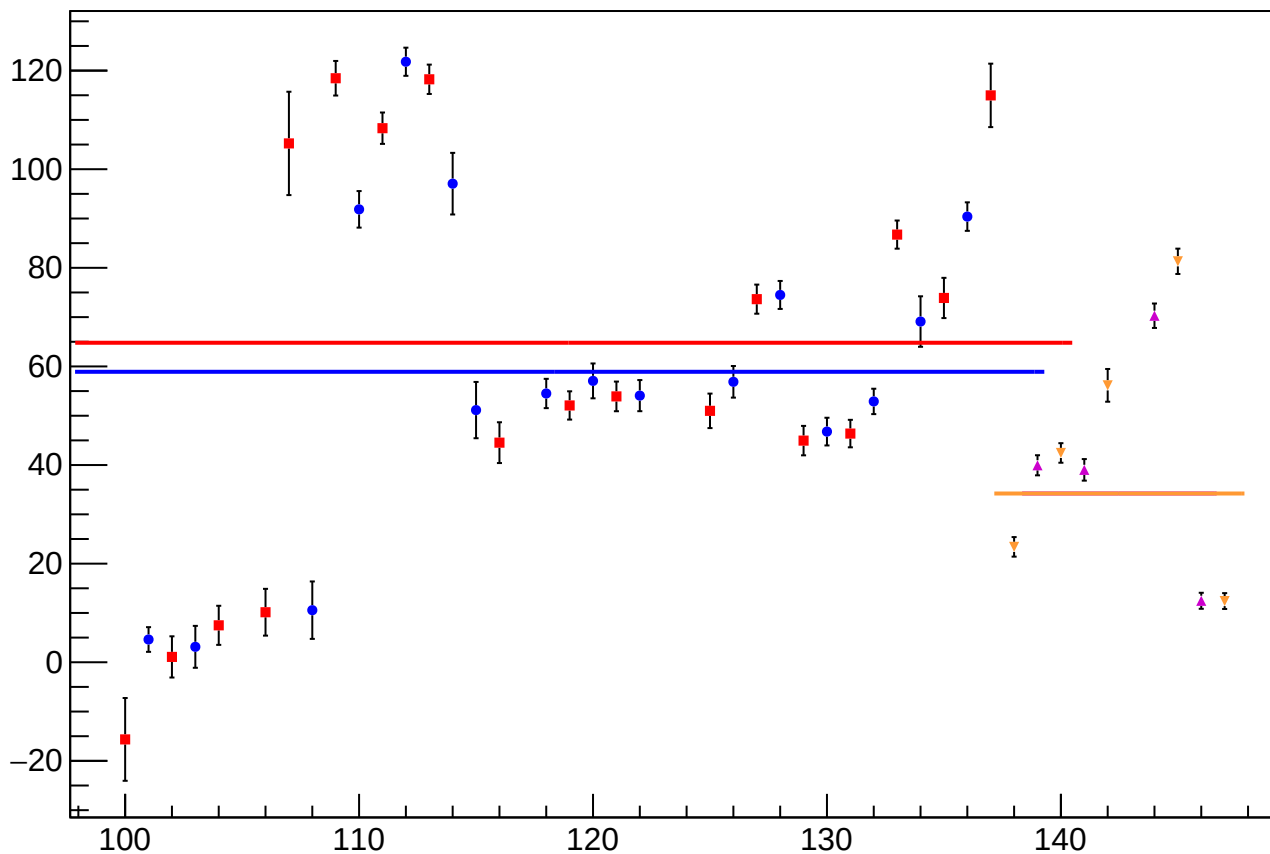
Left In: 0.906 ± 0.719 $\chi^2/\text{NDF}: 8.2/3$

+ sign 6.083 ± 0.353 $\chi^2/\text{NDF}: 537.9/20$

All: 6.320 ± 0.259 $\chi^2/\text{NDF}: 984.6/42$

- sign 6.595 ± 0.381 $\chi^2/\text{NDF}: 445.7/21$

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.913 $\pm$ 0.831 χ^2 /NDF: 1496.7/15

Left Out: 34.225 $\pm$ 0.937 χ^2 /NDF:611.3/4

Right Out: 64.803 $\pm$ 0.840 χ^2 /NDF: 1718.2/17

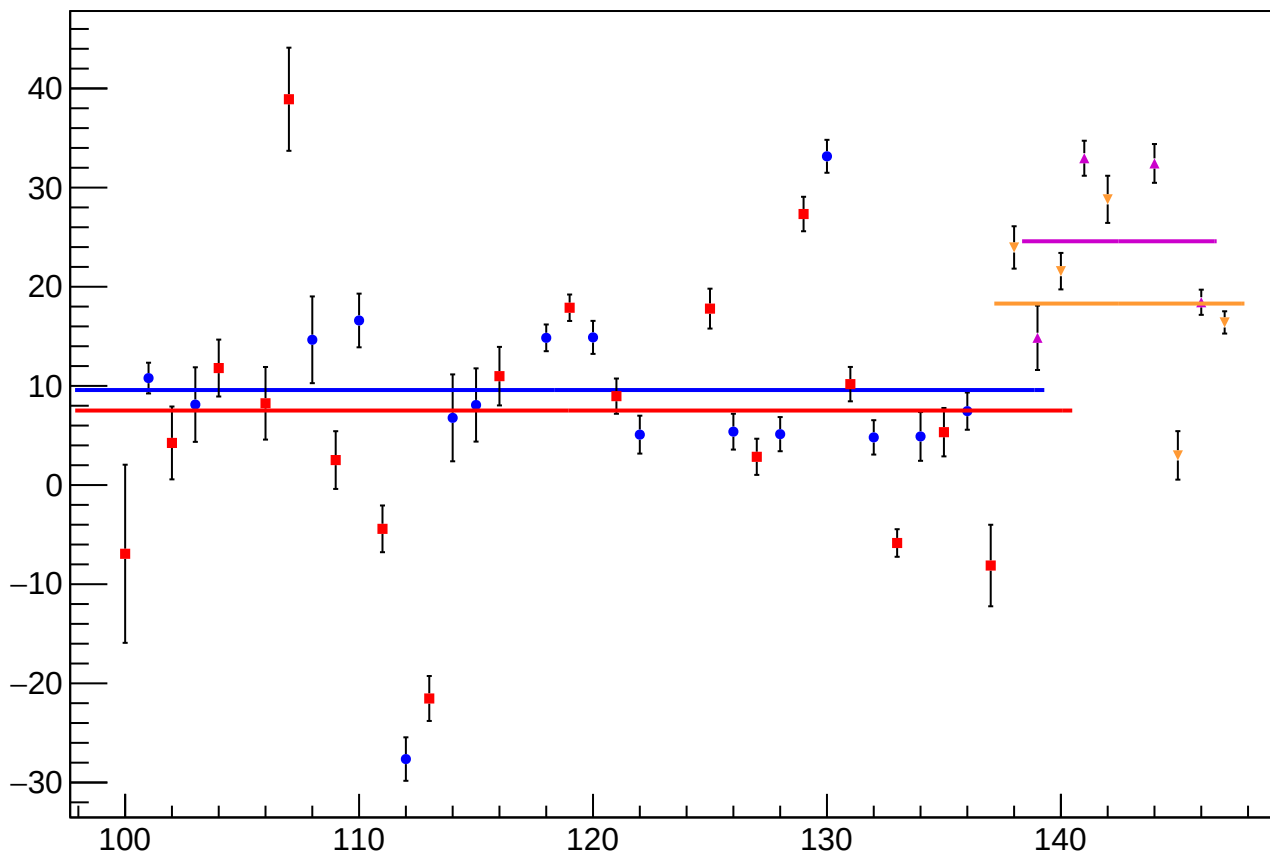
Left In: 34.231 $\pm$ 1.004 χ^2 /NDF:403.8/3

+ sign 48.040 $\pm$ 0.622 χ^2 /NDF: 2496.3/20

All: 50.054 $\pm$ 0.448 χ^2 /NDF: 5185.0/42

- sign 52.216 $\pm$ 0.644 χ^2 /NDF: 2667.0/21

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 χ^2/NDF : 554.4/15

Left Out: 18.303 ± 0.778 χ^2/NDF : 71.8/4

Right Out: 7.516 ± 0.516 χ^2/NDF : 569.8/17

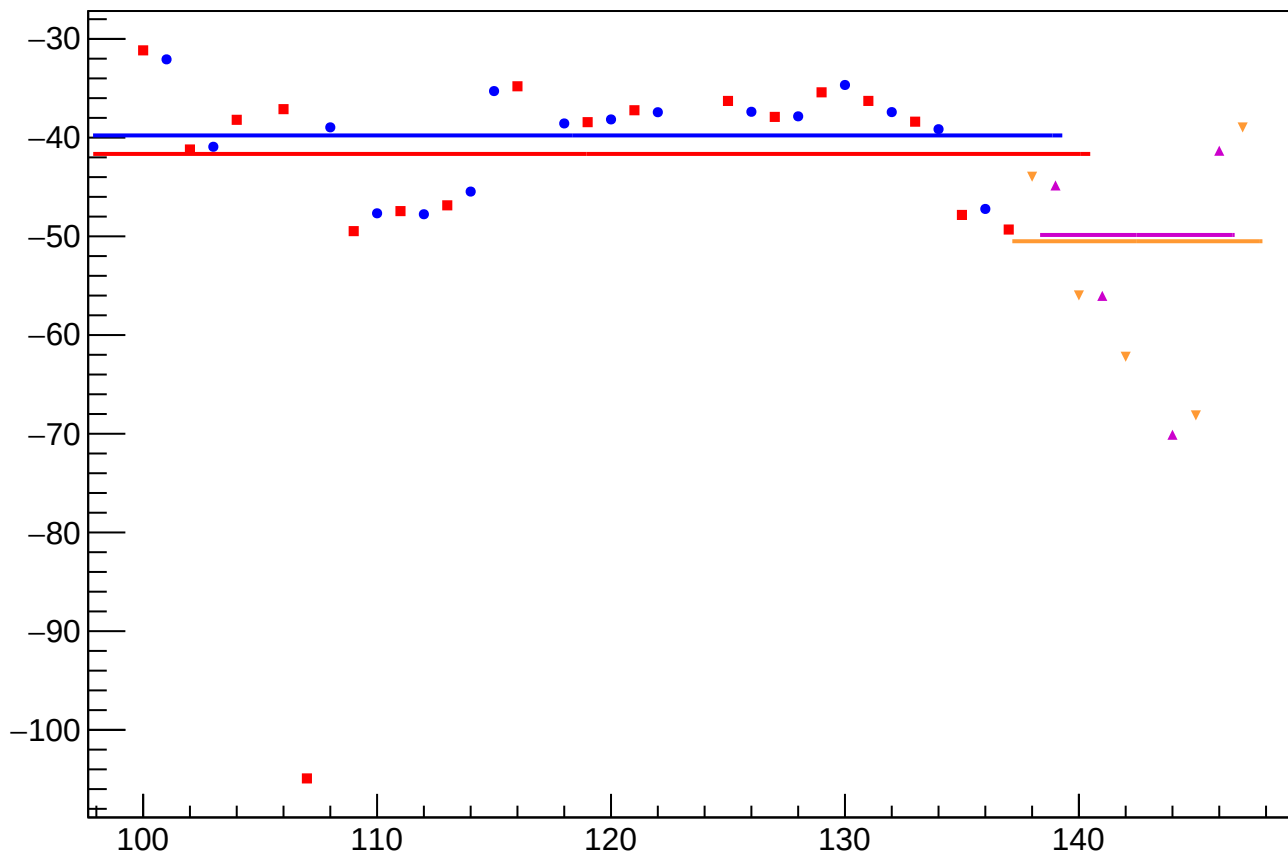
Left In: 24.586 ± 0.878 χ^2/NDF : 71.0/3

+ sign 12.138 ± 0.421 χ^2/NDF : 714.9/20

All: 12.023 ± 0.306 χ^2/NDF : 1637.0/42

- sign 11.894 ± 0.445 χ^2/NDF : 921.9/21

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.777 ± 0.031 χ^2/NDF : 26158.0/15

Left Out: -50.497 ± 0.040 χ^2/NDF : 72104.2/4

Right Out: -41.651 ± 0.031 χ^2/NDF : 94457.5/17

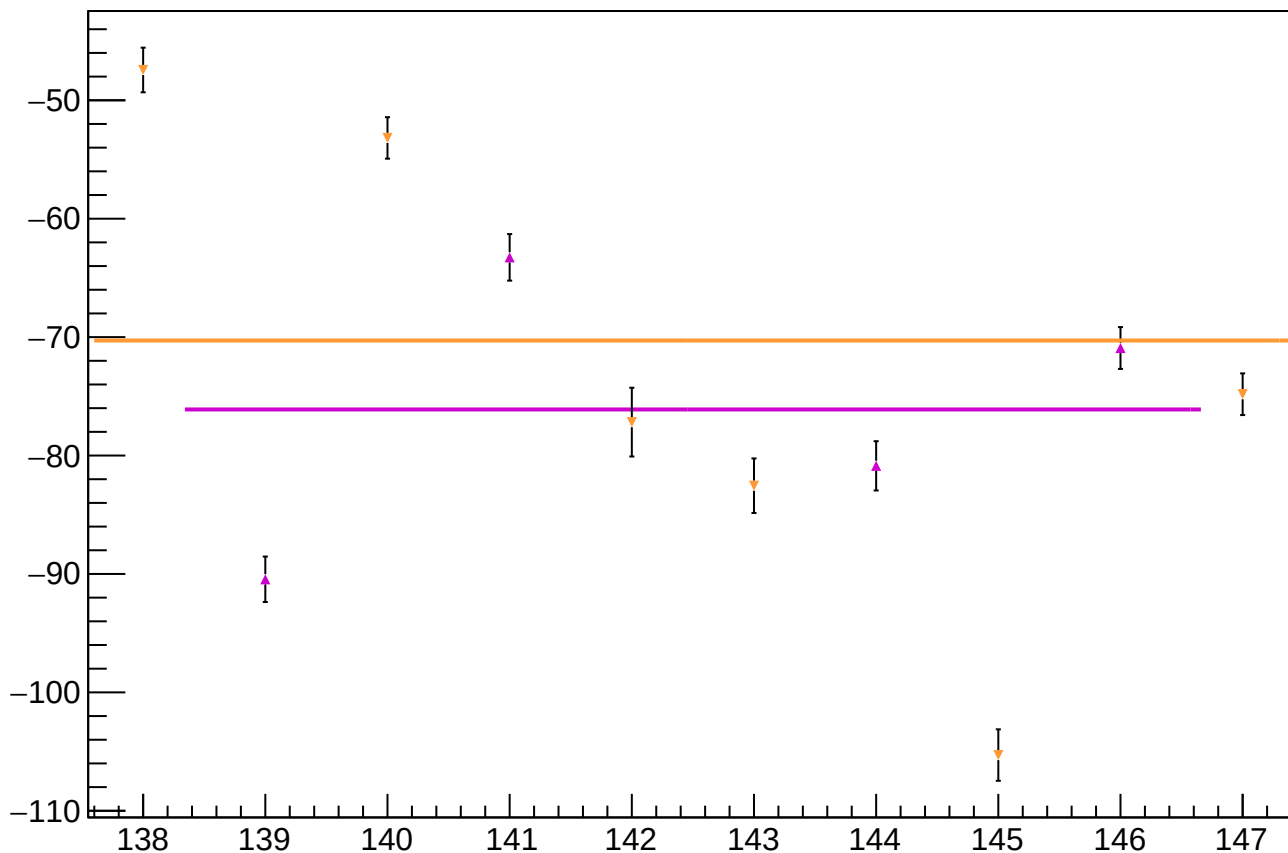
Left In: -49.860 ± 0.041 χ^2/NDF : 57387.1/3

+ sign -43.813 ± 0.025 χ^2/NDF : 143089.4/20

All: -44.216 ± 0.017 χ^2/NDF : 320636.9/42

- sign -44.632 ± 0.025 χ^2/NDF : 176998.2/21

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -70.286+/-0.831 χ^2/NDF : 542.2/5

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

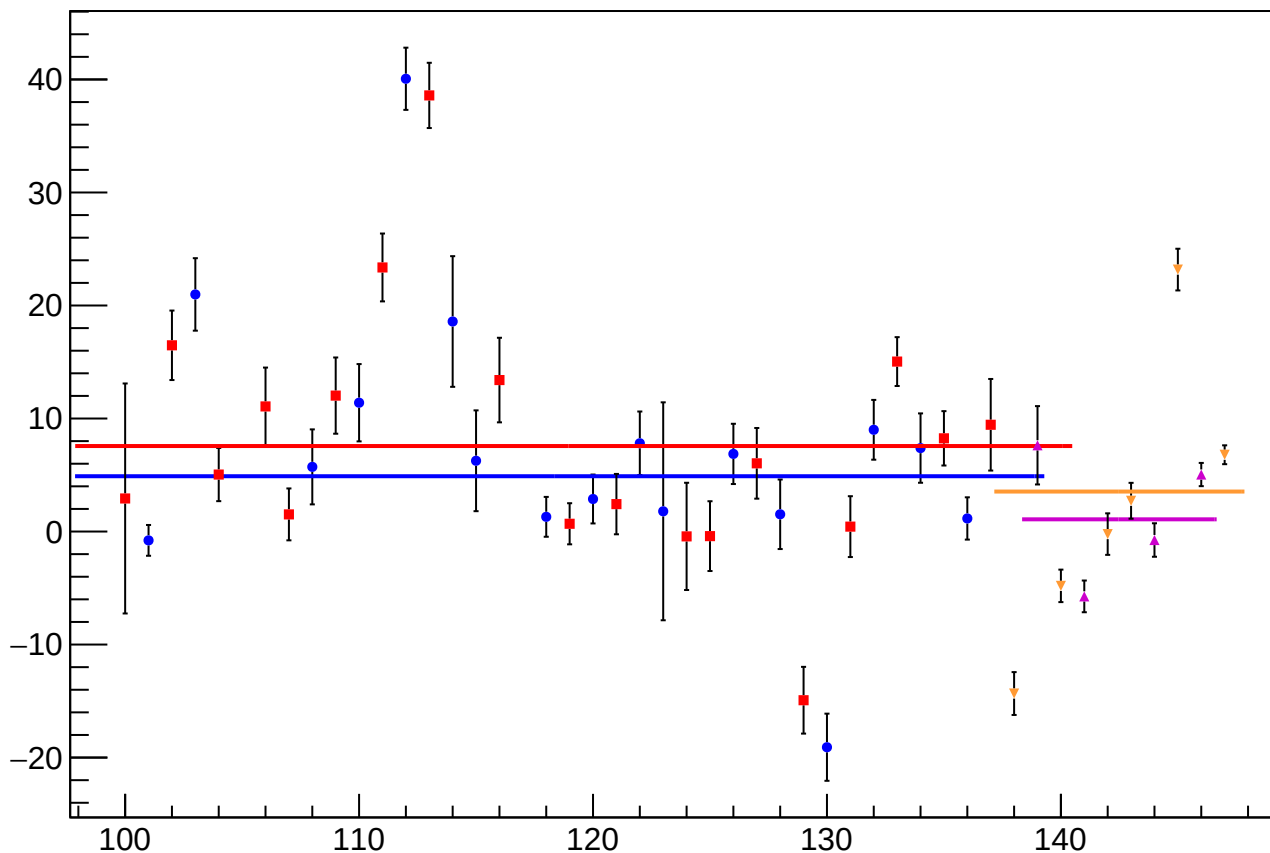
Left In: -76.108+/-0.961 χ^2/NDF : 112.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.775+/-0.629 χ^2/NDF : 675.5/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.894 ± 0.621 χ^2/NDF : 295.4/16

Left Out: 3.538 ± 0.560 χ^2/NDF : 255.6/5

Right Out: 7.565 ± 0.652 χ^2/NDF : 270.2/18

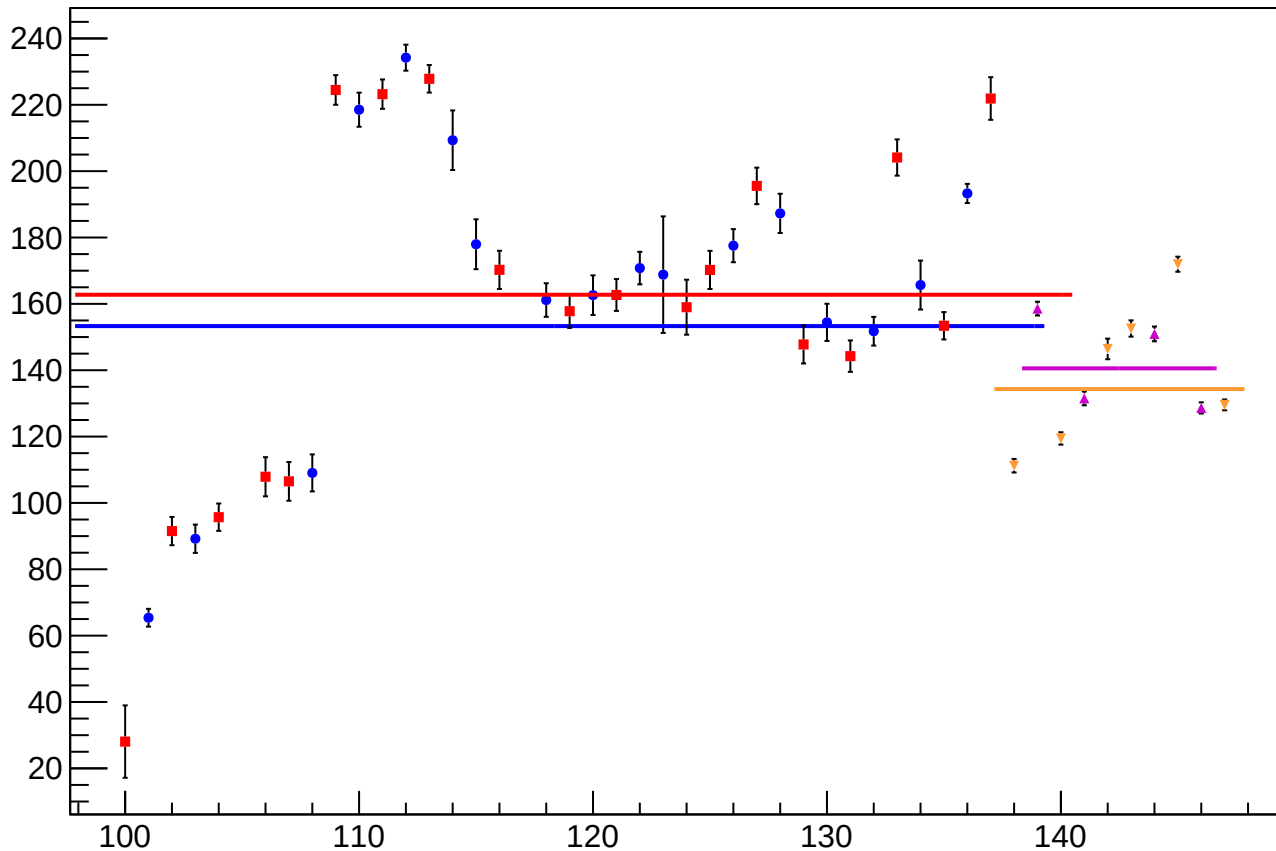
Left In: 1.080 ± 0.708 χ^2/NDF : 43.6/3

+ sign 4.146 ± 0.416 χ^2/NDF : 553.6/22

All: 4.338 ± 0.314 χ^2/NDF : 913.3/45

- sign 4.592 ± 0.480 χ^2/NDF : 359.2/22

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.298 $\pm$ 1.145 χ^2 /NDF: 2266.8/16

Left Out: 134.324 $\pm$ 0.857 χ^2 /NDF: 545.0/5

Right Out: 162.747 $\pm$ 1.177 χ^2 /NDF: 1708.7/18

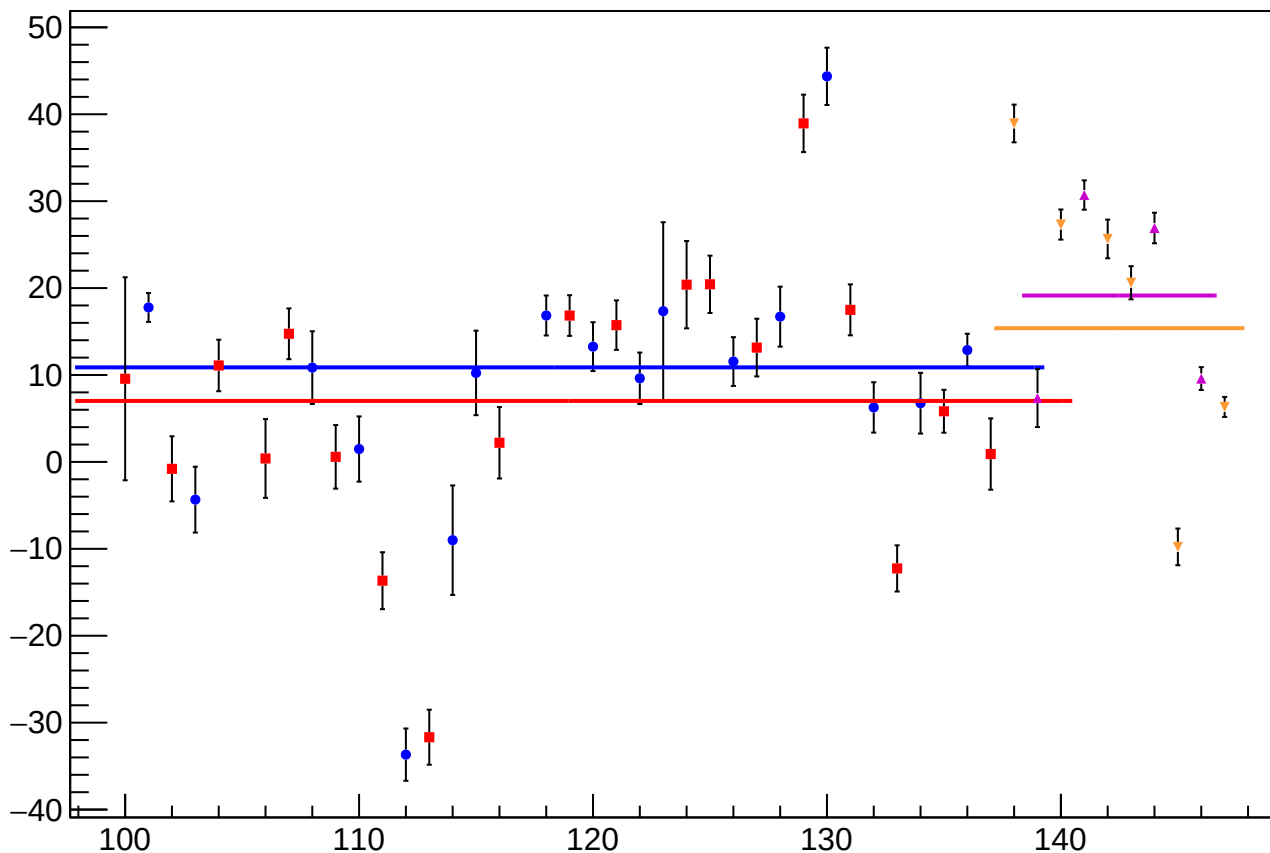
Left In: 140.563 $\pm$ 0.993 χ^2 /NDF: 165.6/3

+ sign 141.143 $\pm$ 0.686 χ^2 /NDF: 2987.7/22

All: 145.034 $\pm$ 0.509 χ^2 /NDF: 5141.1/45

- sign 149.793 $\pm$ 0.759 χ^2 /NDF: 2081.9/22

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.878 $\pm$ 0.713 χ^2 /NDF: 388.1/16

Left Out: 15.384 $\pm$ 0.707 χ^2 /NDF: 397.8/5

Right Out: 7.014 $\pm$ 0.748 χ^2 /NDF: 424.5/18

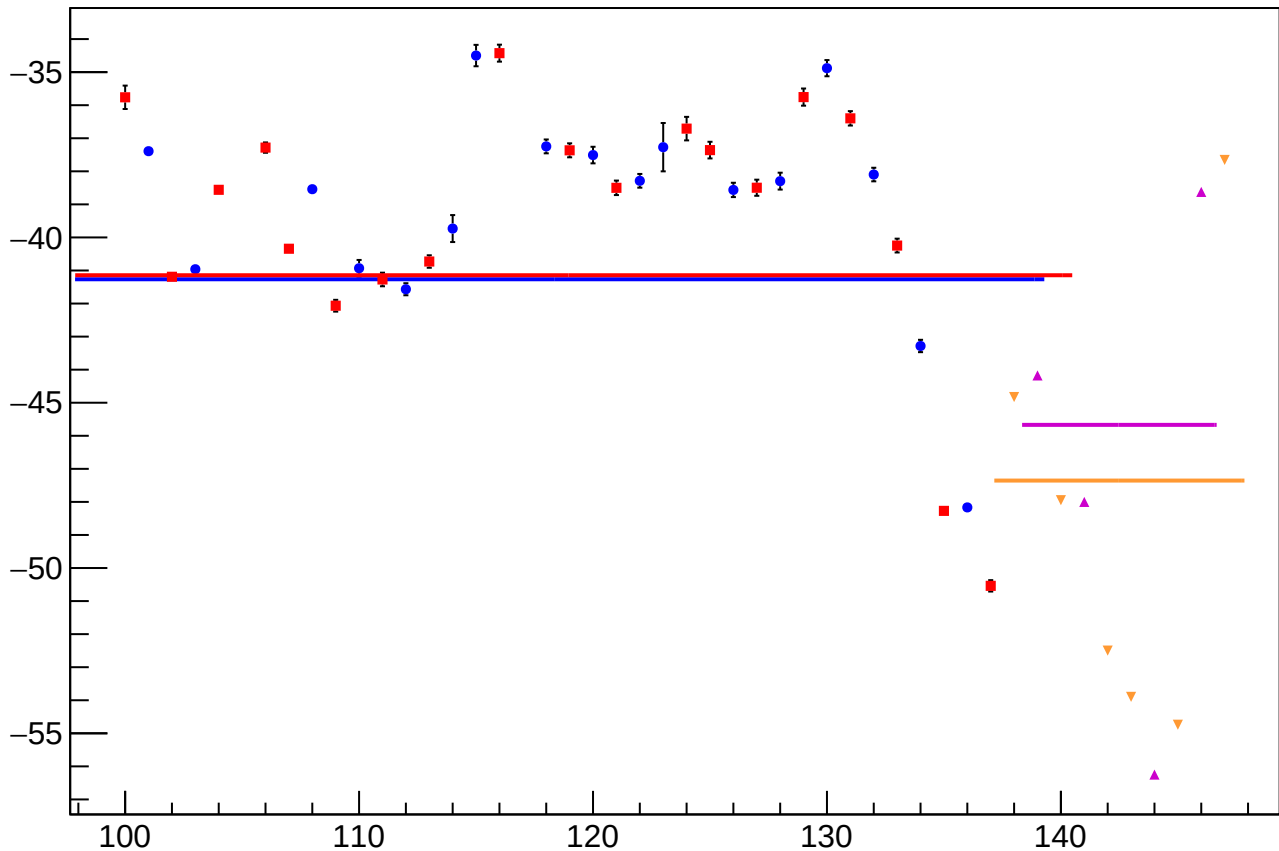
Left In: 19.142 $\pm$ 0.863 χ^2 /NDF: 131.8/3

+ sign 13.152 $\pm$ 0.502 χ^2 /NDF: 806.0/22

All: 12.740 $\pm$ 0.375 χ^2 /NDF: 1476.6/45

- sign 12.218 $\pm$ 0.565 χ^2 /NDF: 669.1/22

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 $\chi^2/\text{NDF}: 12570.1/16$

Left Out: -47.355 ± 0.036 $\chi^2/\text{NDF}: 29635.0/5$

Right Out: -41.144 ± 0.039 $\chi^2/\text{NDF}: 12218.7/18$

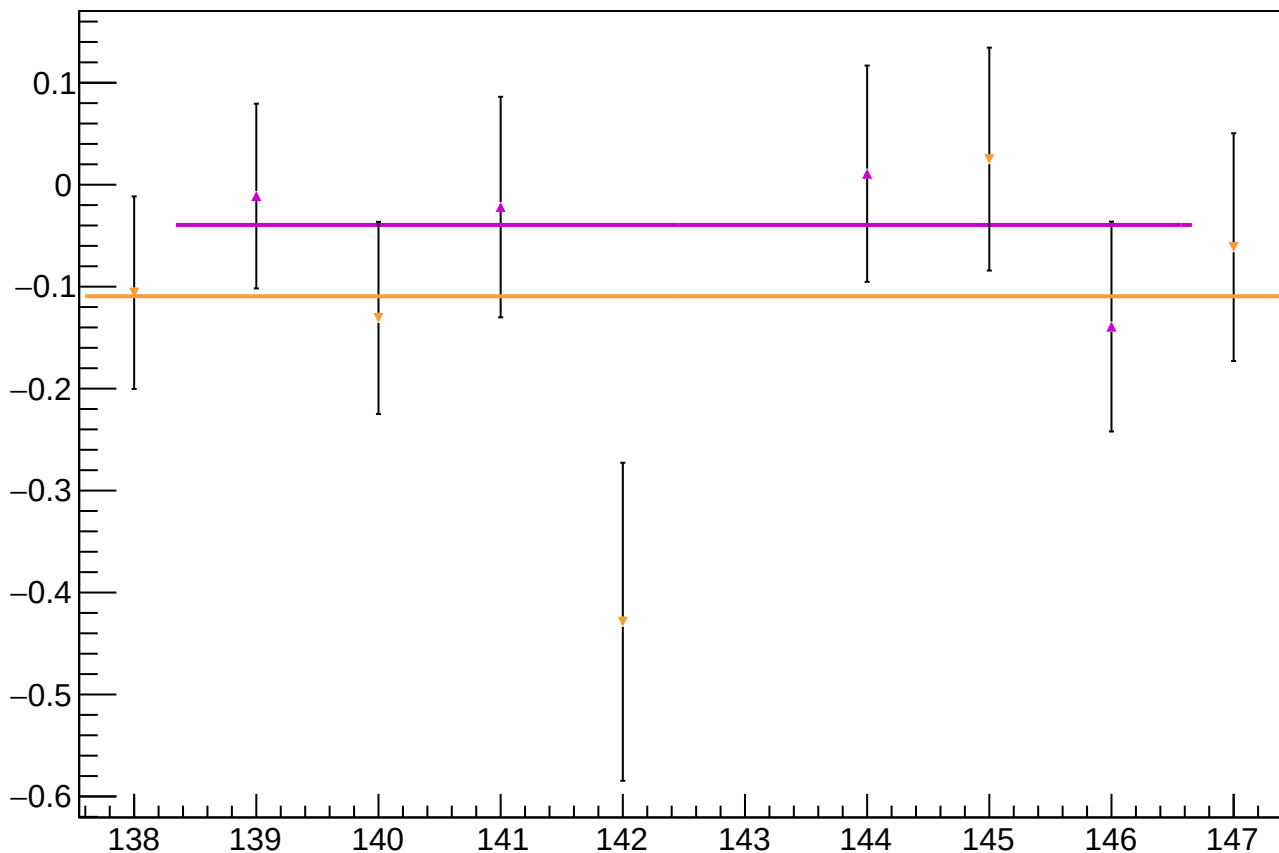
Left In: -45.670 ± 0.041 $\chi^2/\text{NDF}: 21191.6/3$

+ sign -44.495 ± 0.026 $\chi^2/\text{NDF}: 55478.6/22$

All: -43.923 ± 0.019 $\chi^2/\text{NDF}: 96359.8/45$

- sign -43.275 ± 0.028 $\chi^2/\text{NDF}: 39878.6/22$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.109 $\pm$ 0.048 χ^2 /NDF: 5.9/4

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

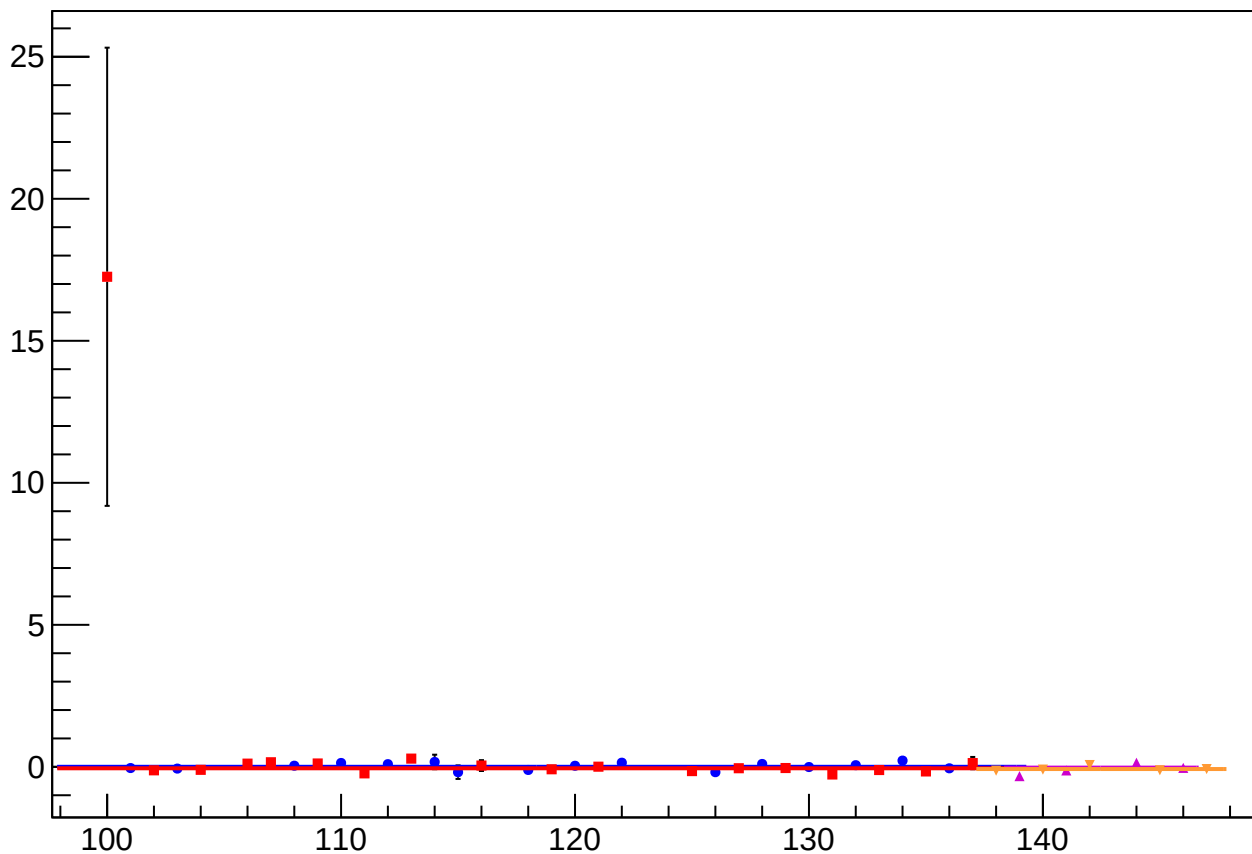
Left In: -0.039 $\pm$ 0.051 χ^2 /NDF: 1.3/3

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

All: -0.076 $\pm$ 0.035 χ^2 /NDF: 8.2/8

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

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 $\pm$ 0.028 χ^2 /NDF: 12.5/15

Left Out: -0.077 $\pm$ 0.035 χ^2 /NDF: 2.6/4

Right Out: -0.051 $\pm$ 0.029 χ^2 /NDF: 25.8/17

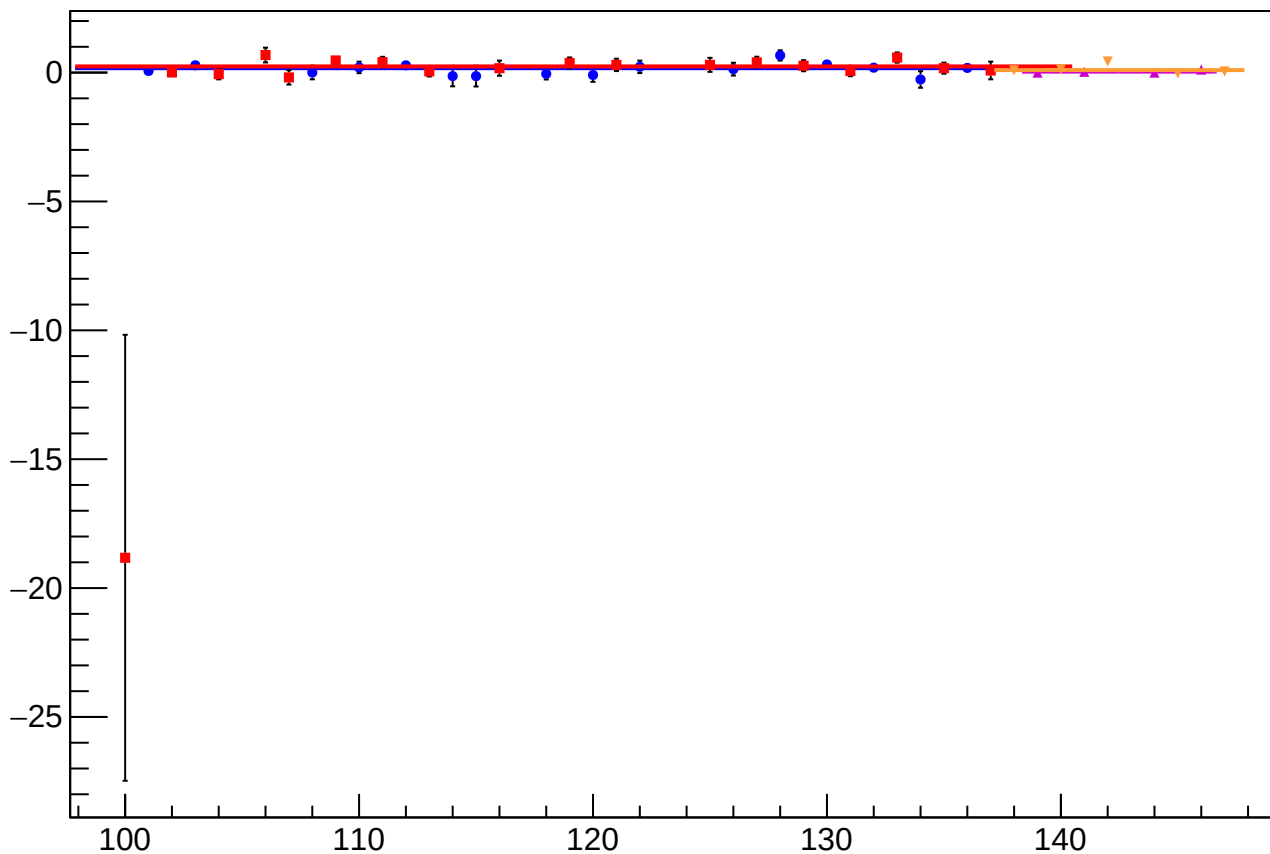
Left In: -0.027 $\pm$ 0.039 χ^2 /NDF: 10.1/3

+ sign -0.030 $\pm$ 0.022 χ^2 /NDF: 18.3/20

All: -0.036 $\pm$ 0.016 χ^2 /NDF: 54.6/42

- sign -0.042 $\pm$ 0.024 χ^2 /NDF: 36.2/21

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.171 $\pm$ 0.052 χ^2 /NDF: 13.7/15

Left Out: 0.096 $\pm$ 0.050 χ^2 /NDF: 5.6/4

Right Out: 0.239 $\pm$ 0.054 χ^2 /NDF: 21.8/17

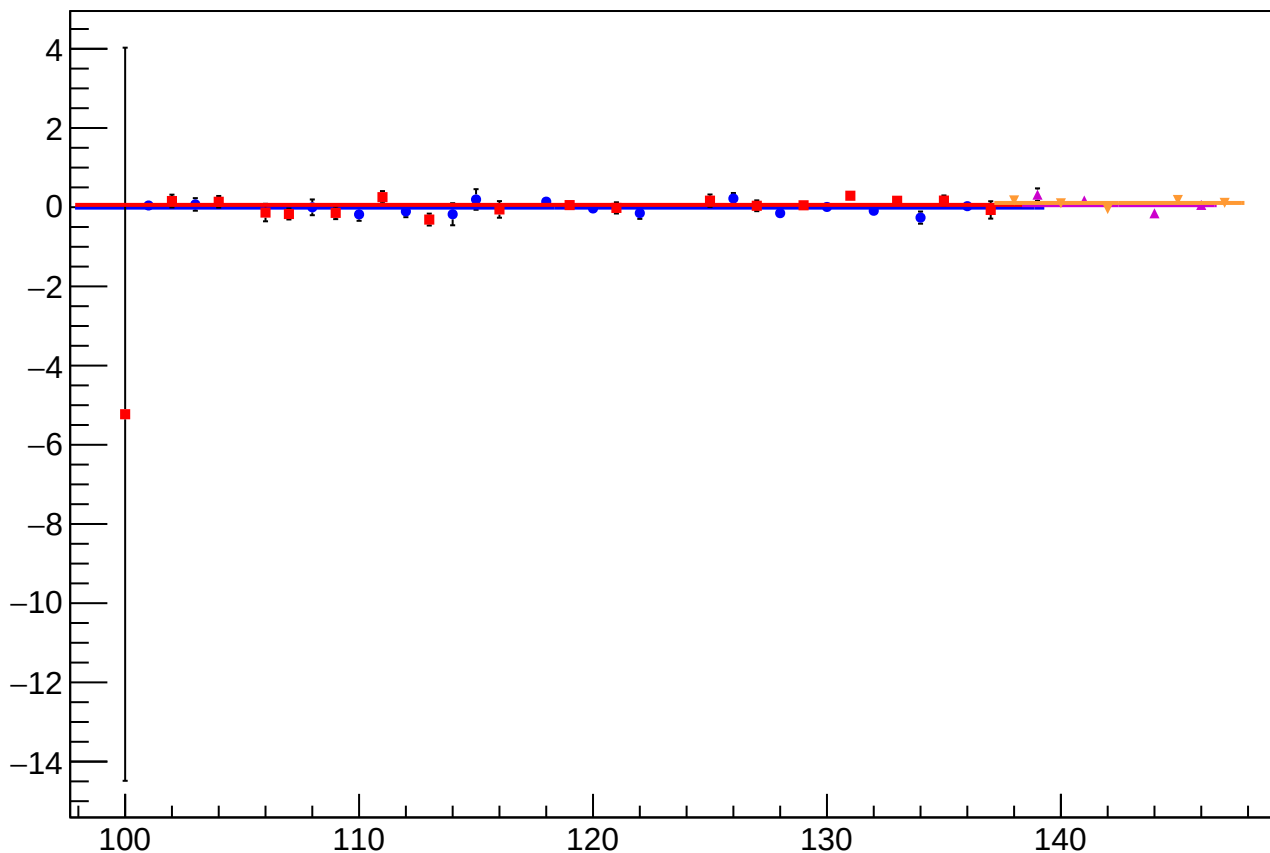
Left In: 0.038 $\pm$ 0.053 χ^2 /NDF: 0.9/3

+ sign 0.132 $\pm$ 0.036 χ^2 /NDF: 20.4/20

All: 0.134 $\pm$ 0.026 χ^2 /NDF: 50.2/42

- sign 0.136 $\pm$ 0.038 χ^2 /NDF: 29.8/21

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.011 ± 0.033 χ^2/NDF : 13.8/15

Left Out: 0.107 ± 0.043 χ^2/NDF : 2.5/4

Right Out: 0.059 ± 0.034 χ^2/NDF : 20.6/17

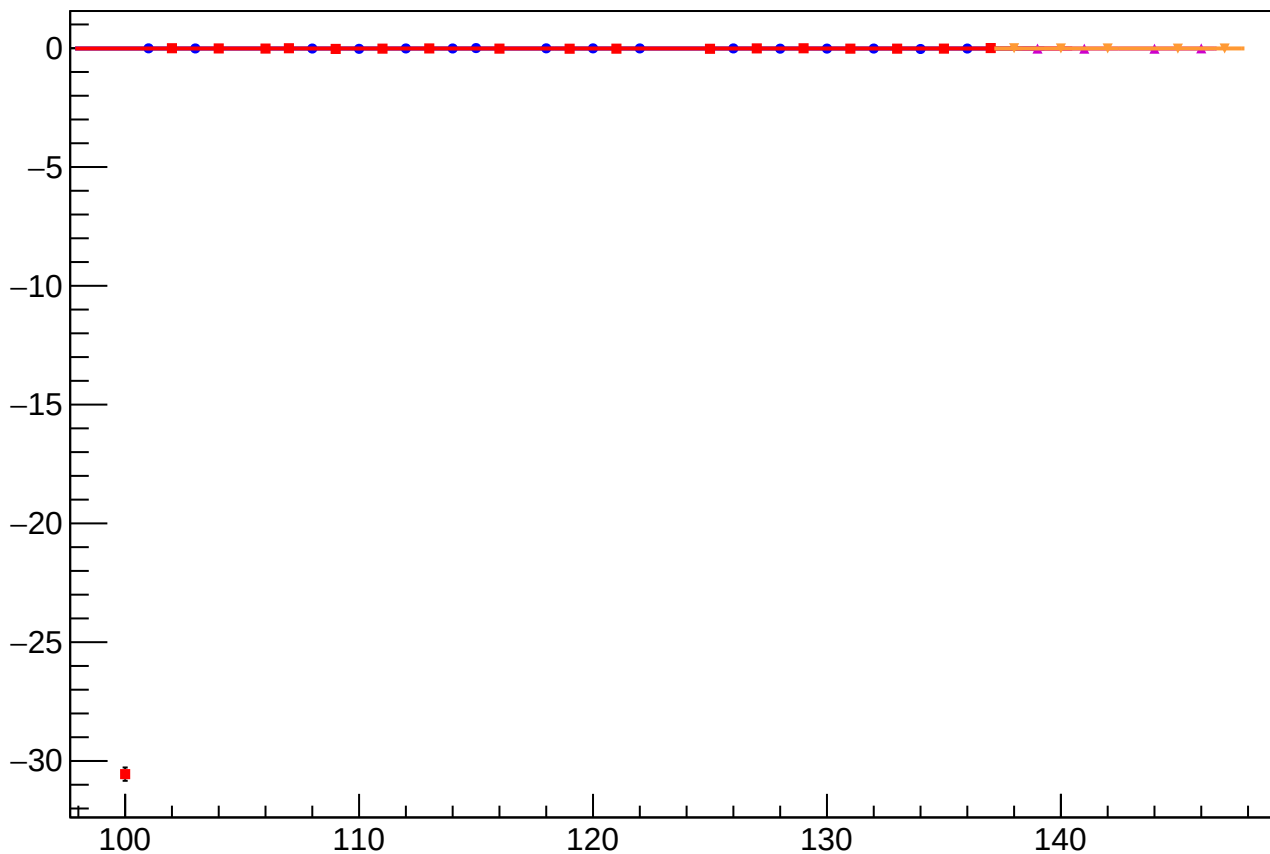
Left In: 0.051 ± 0.047 χ^2/NDF : 9.7/3

+ sign 0.032 ± 0.026 χ^2/NDF : 21.0/20

All: 0.043 ± 0.019 χ^2/NDF : 51.7/42

- sign 0.056 ± 0.028 χ^2/NDF : 30.3/21

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 12.9/15

Left Out: -0.010 ± 0.002 χ^2/NDF : 7.1/4

Right Out: -0.012 ± 0.002 χ^2/NDF : 11891.5/17

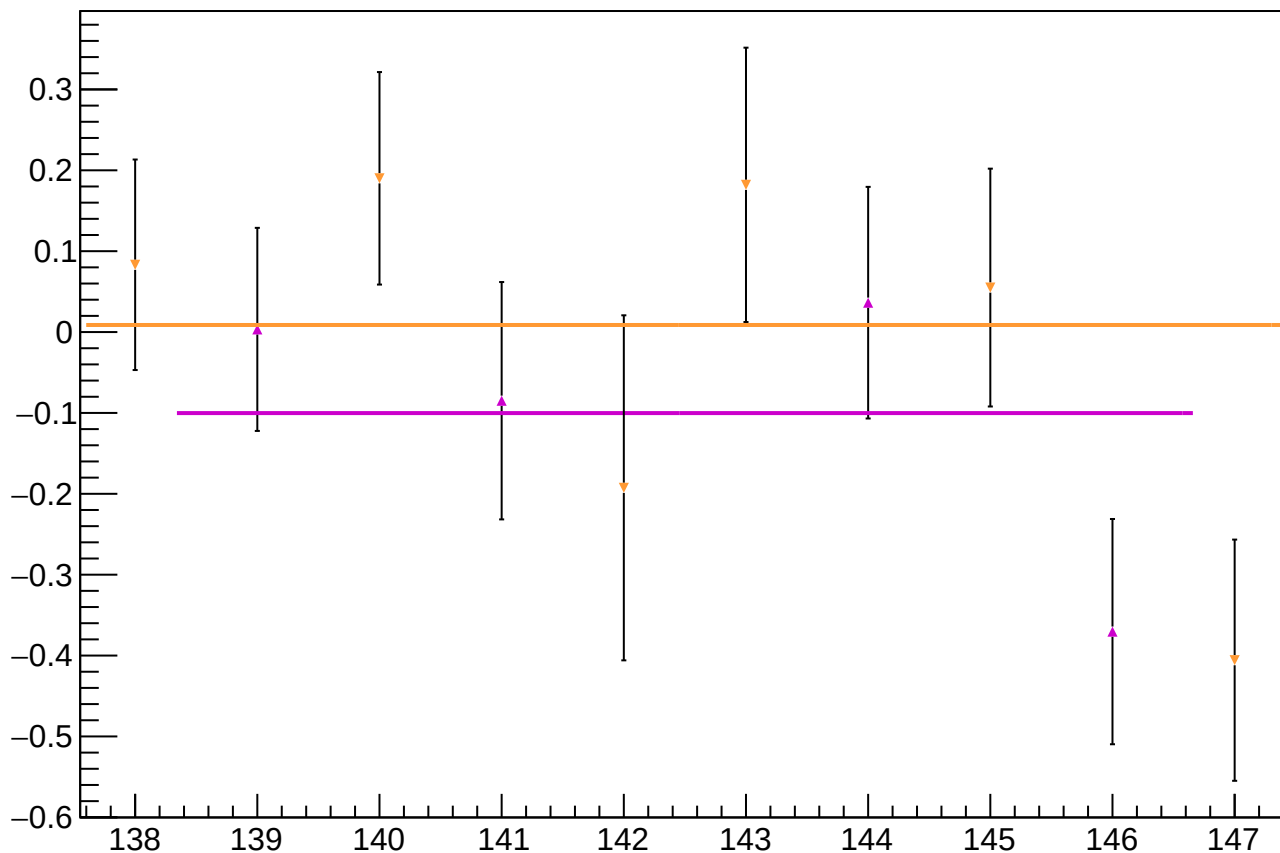
Left In: -0.015 ± 0.002 χ^2/NDF : 5.0/3

+ sign -0.011 ± 0.001 χ^2/NDF : 20.7/20

All: -0.012 ± 0.001 χ^2/NDF : 11919.7/42

- sign -0.013 ± 0.001 χ^2/NDF : 11897.4/21

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: 0.009 $\pm$ 0.061 χ^2 /NDF:12.0/5

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

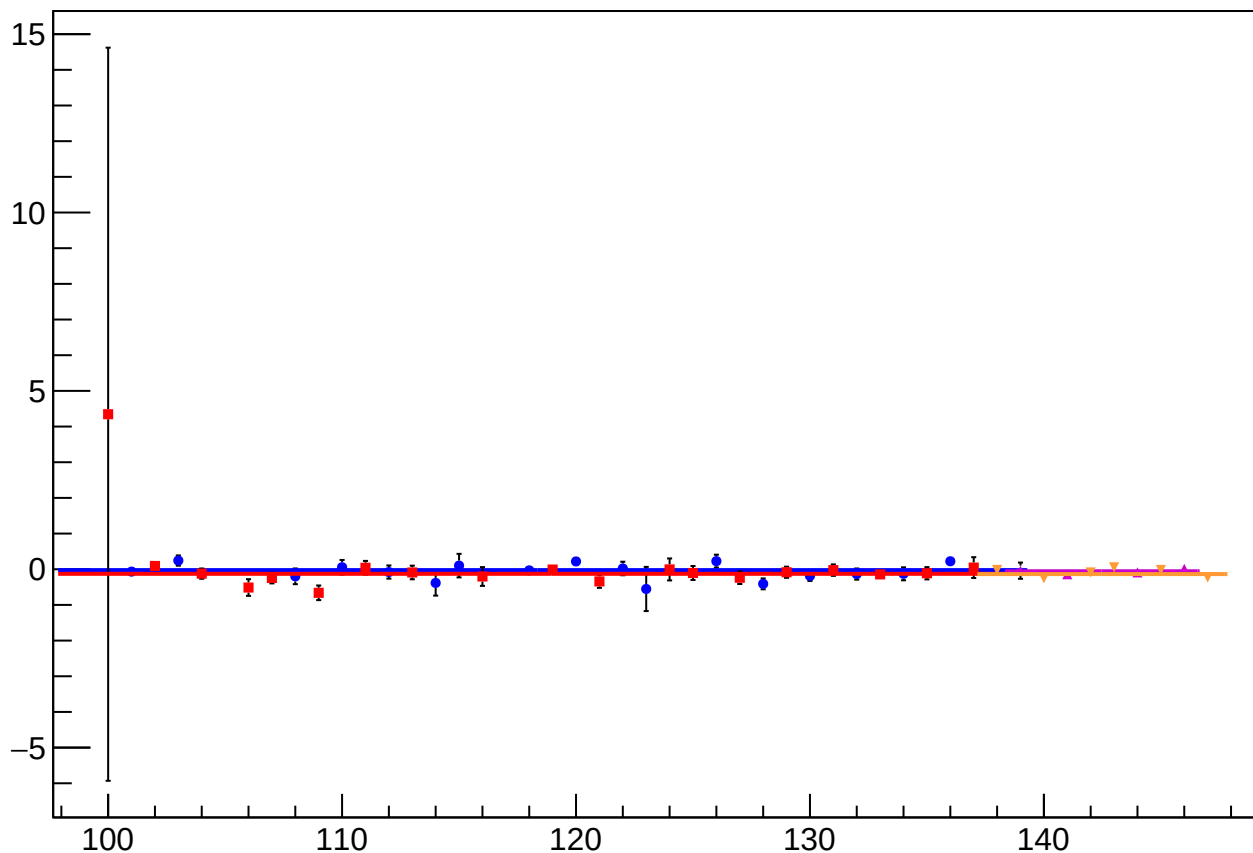
Left In: -0.100 $\pm$ 0.069 χ^2 /NDF:5.4/3

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

All: -0.039 $\pm$ 0.046 χ^2 /NDF: 18.7/9

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

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.024 ± 0.037 χ^2/NDF : 23.4/16

Left Out: -0.136 ± 0.044 χ^2/NDF : 7.3/5

Right Out: -0.128 ± 0.039 χ^2/NDF : 17.6/18

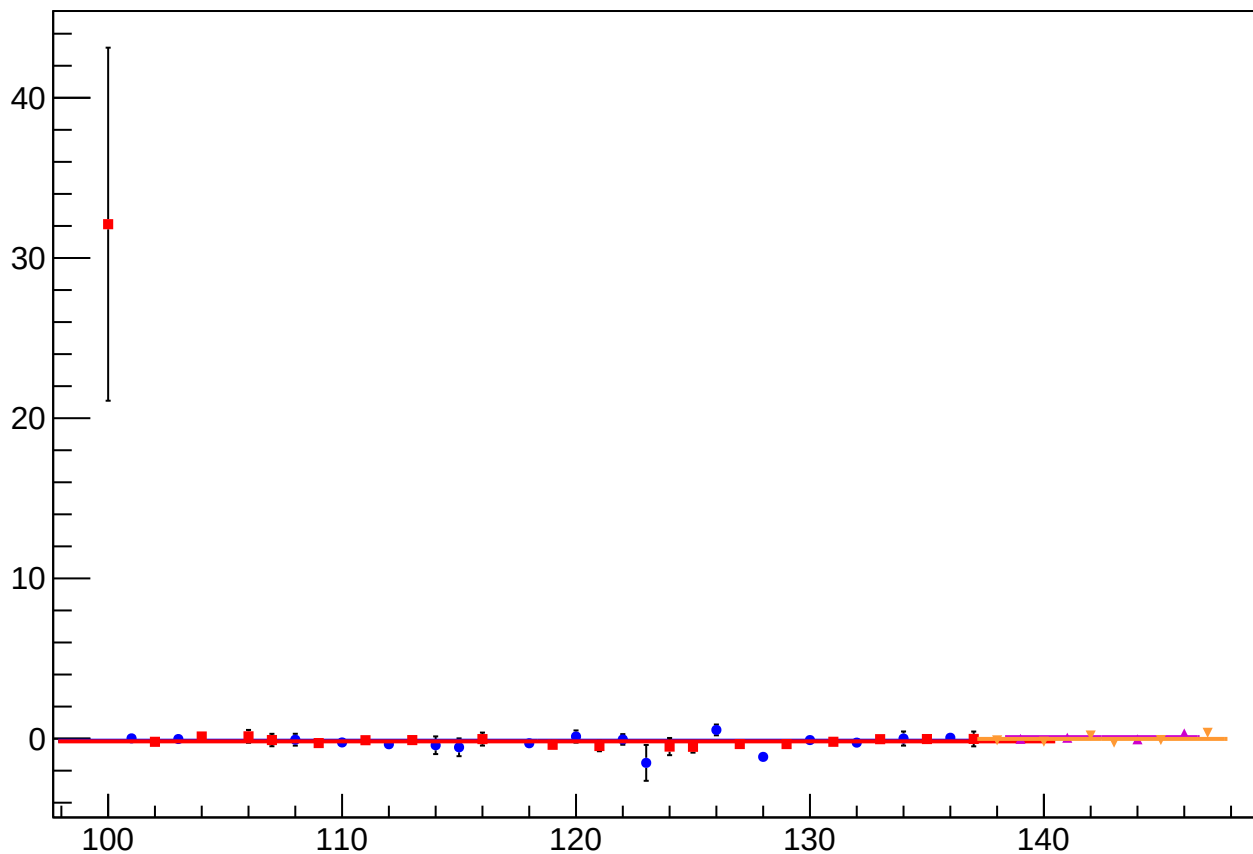
Left In: -0.057 ± 0.053 χ^2/NDF : 1.4/3

+ sign -0.070 ± 0.028 χ^2/NDF : 34.5/22

All: -0.085 ± 0.021 χ^2/NDF : 55.3/45

- sign -0.103 ± 0.032 χ^2/NDF : 20.2/22

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.7/16

Left Out: -0.018 ± 0.064 χ^2/NDF : 12.2/5

Right Out: -0.172 ± 0.071 χ^2/NDF : 15.0/18

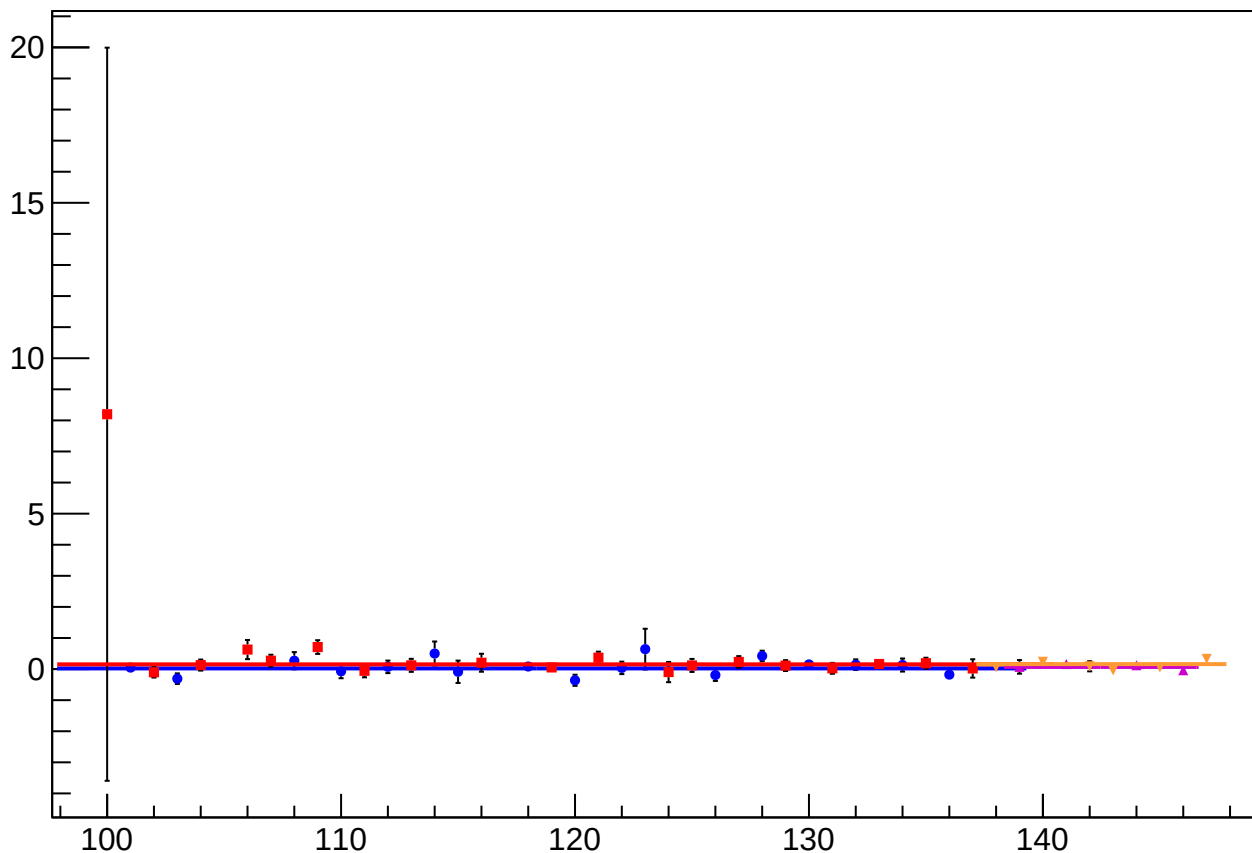
Left In: 0.092 ± 0.072 χ^2/NDF : 4.5/3

+ sign -0.071 ± 0.046 χ^2/NDF : 37.4/22

All: -0.057 ± 0.034 χ^2/NDF : 63.9/45

- sign -0.041 ± 0.050 χ^2/NDF : 26.3/22

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 $\pm$ 0.042 χ^2 /NDF: 22.5/16

Left Out: 0.159 $\pm$ 0.054 χ^2 /NDF: 6.6/5

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.2/18

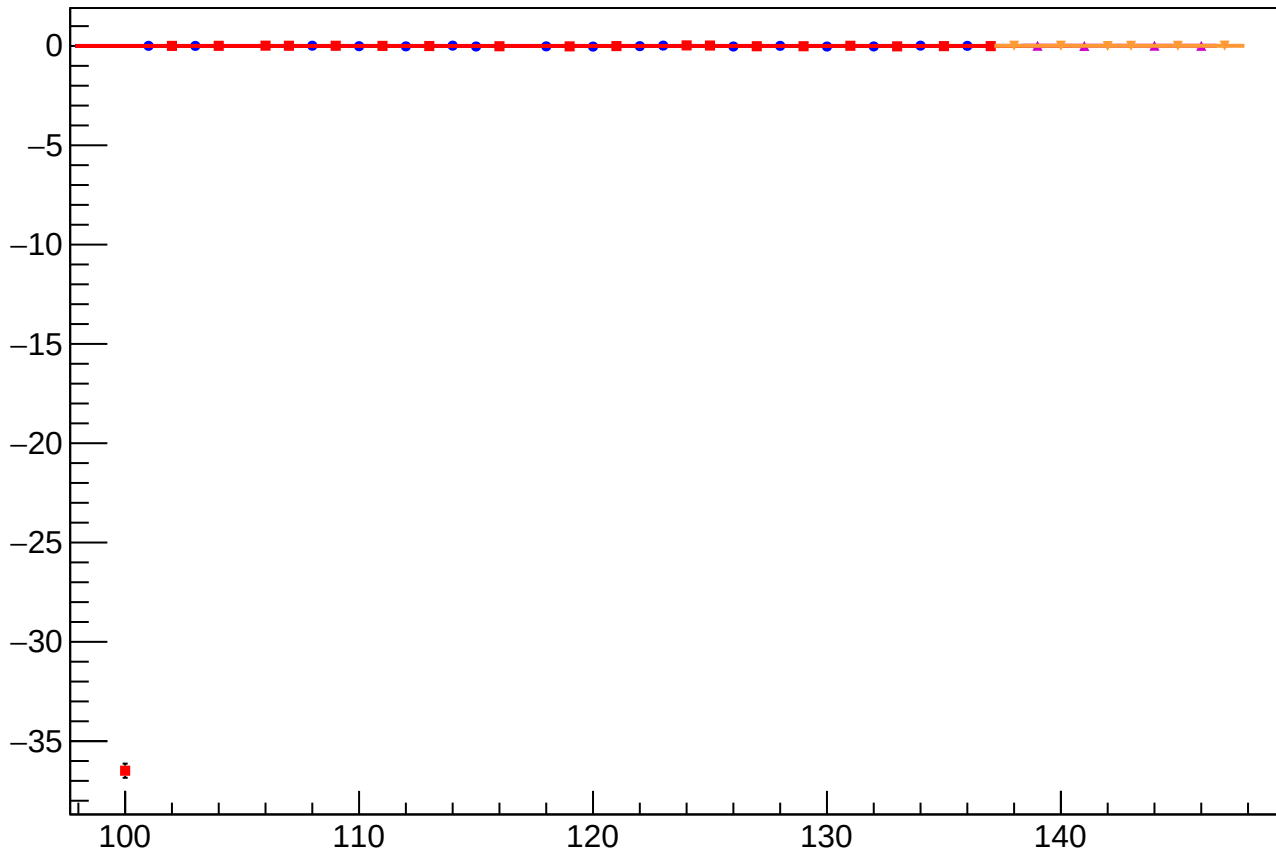
Left In: 0.069 $\pm$ 0.064 χ^2 /NDF: 1.8/3

+ sign 0.073 $\pm$ 0.033 χ^2 /NDF: 33.1/22

All: 0.096 $\pm$ 0.025 χ^2 /NDF: 53.3/45

- sign 0.124 $\pm$ 0.037 χ^2 /NDF: 19.1/22

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 $\pm$ 0.003 χ^2 /NDF: 4.3/5

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/18

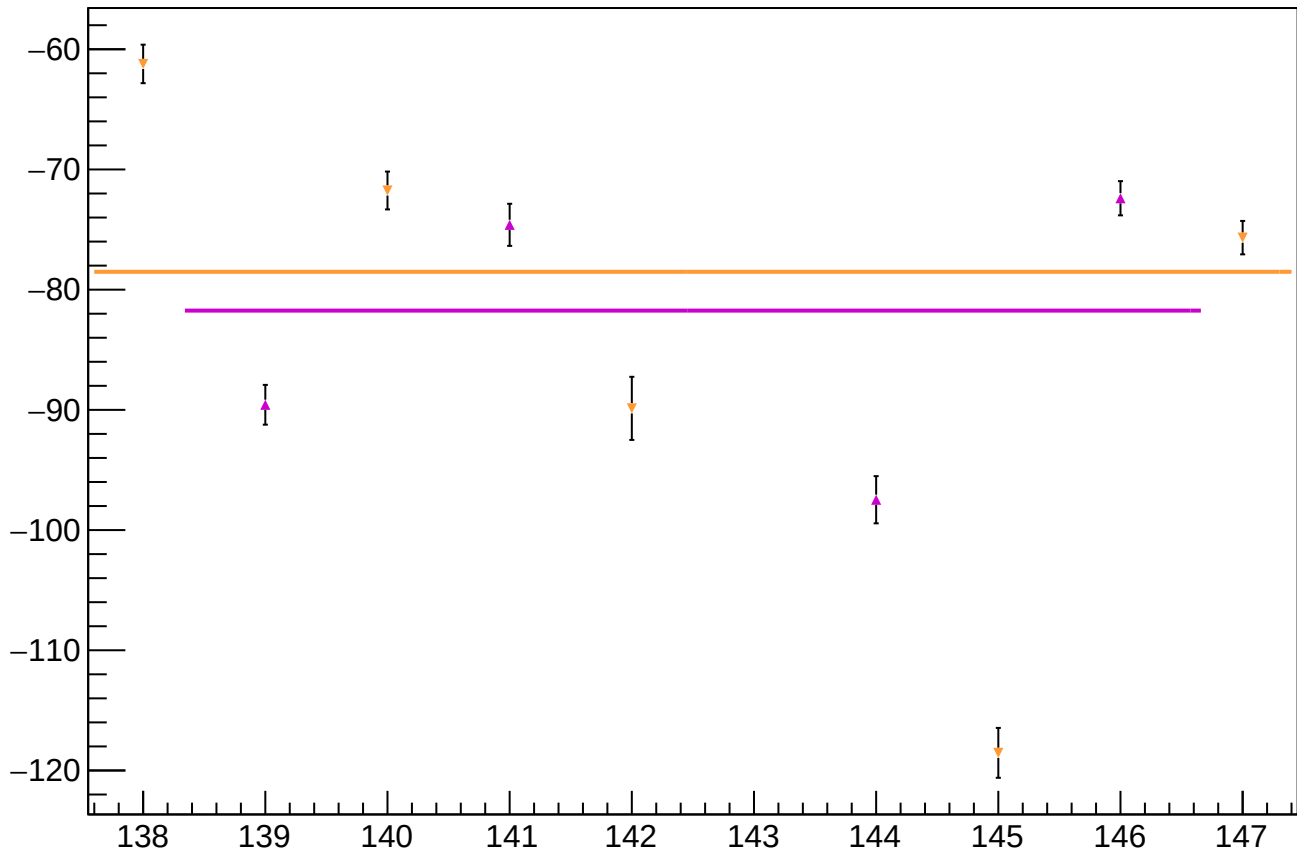
Left In: 0.011 $\pm$ 0.003 χ^2 /NDF: 2.0/3

+ sign 0.005 $\pm$ 0.002 χ^2 /NDF: 42.9/22

All: 0.005 $\pm$ 0.001 χ^2 /NDF: 10501.4/45

- sign 0.005 $\pm$ 0.002 χ^2 /NDF: 10458.5/22

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -78.513+/-0.770 χ^2/NDF : 529.7/4

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

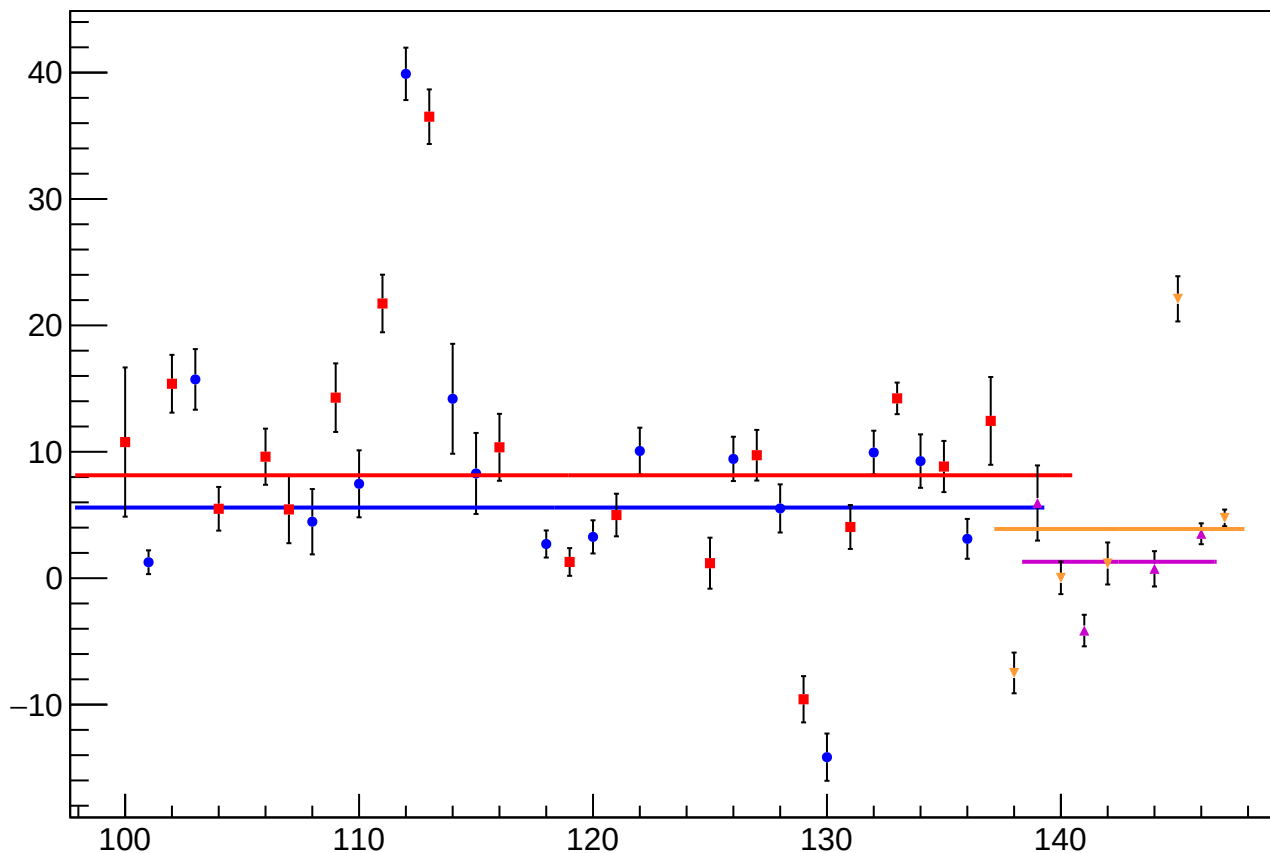
Left In: -81.741+/-0.832 χ^2/NDF : 146.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.002+/-0.565 χ^2/NDF : 684.2/8

- 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: 3.895 ± 0.502 χ^2/NDF : 167.1/4

Right Out: 8.142 ± 0.454 χ^2/NDF : 407.7/17

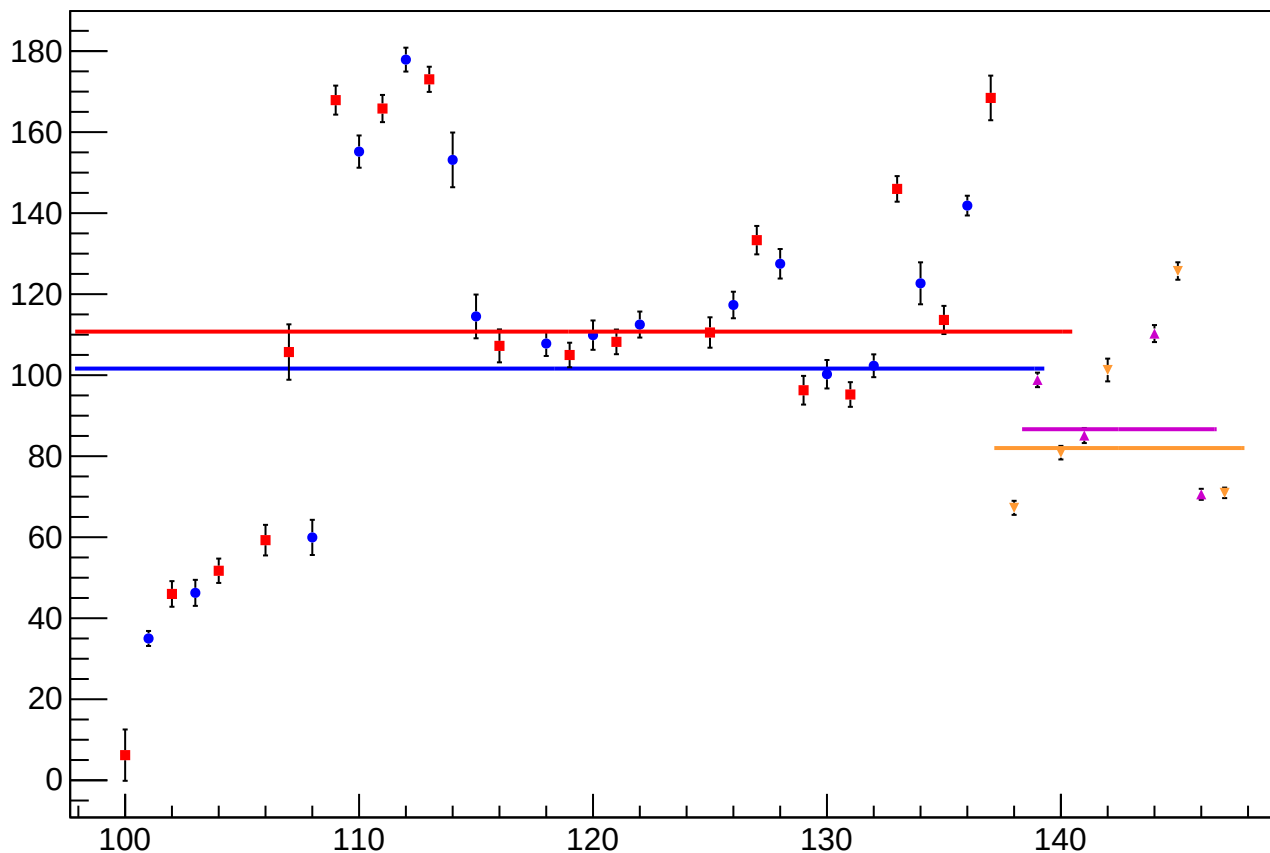
Left In: 1.299 ± 0.605 χ^2/NDF : 28.8/3

+ sign 4.885 ± 0.324 χ^2/NDF : 636.5/20

All: 5.236 ± 0.242 χ^2/NDF : 1157.7/42

- sign 5.678 ± 0.363 χ^2/NDF : 518.5/21

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 +/- 0.807 χ^2/NDF : 2978.9/15

Left Out: 82.009 +/- 0.785 χ^2/NDF : 603.8/4

Right Out: 110.756 +/- 0.836 χ^2/NDF : 2513.0/17

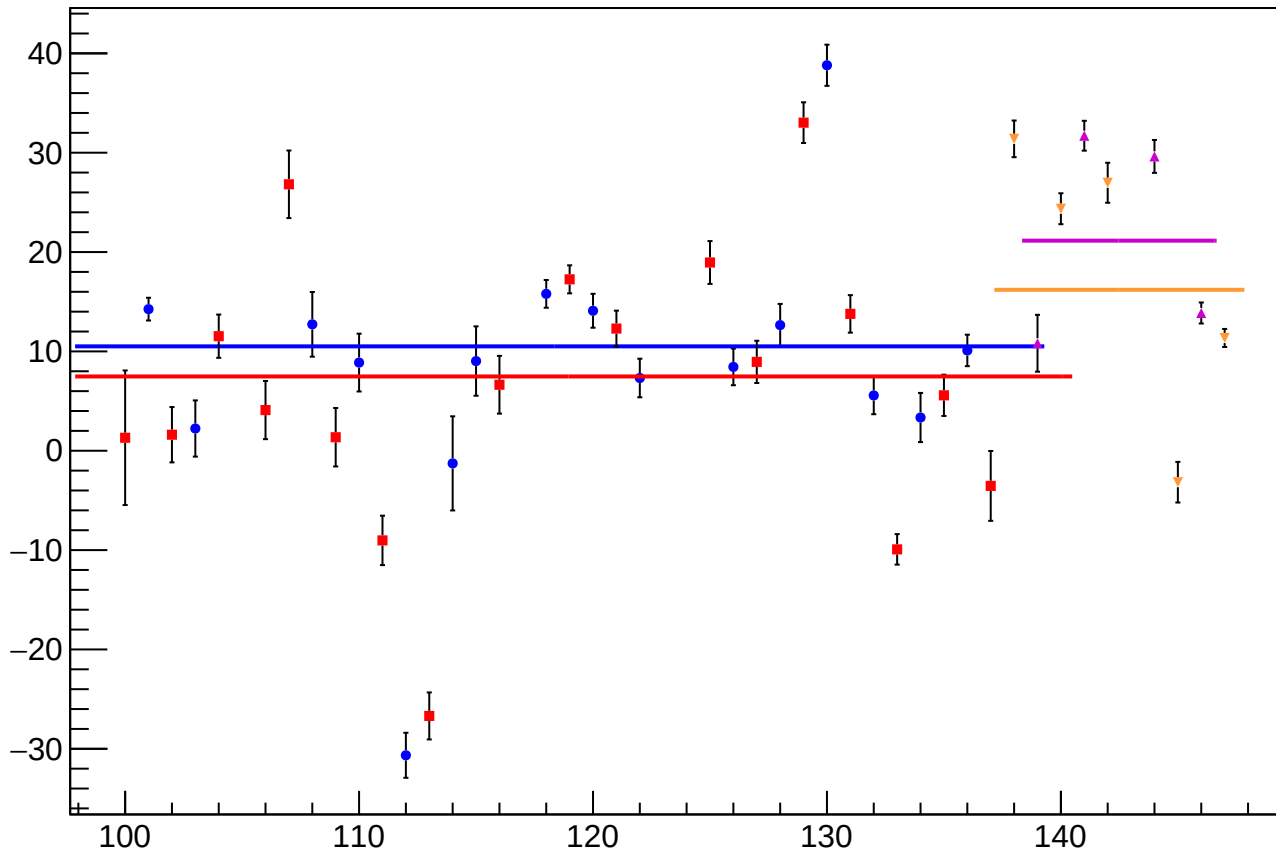
Left In: 86.660 +/- 0.855 χ^2/NDF : 313.0/3

+ sign 91.549 +/- 0.563 χ^2/NDF : 3886.5/20

All: 95.038 +/- 0.410 χ^2/NDF : 7200.1/42

- sign 98.977 +/- 0.598 χ^2/NDF : 3231.8/21

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 $\pm$ 0.492 χ^2 /NDF: 581.5/15

Left Out: 16.200 $\pm$ 0.645 χ^2 /NDF: 242.1/4

Right Out: 7.477 $\pm$ 0.524 χ^2 /NDF: 689.3/17

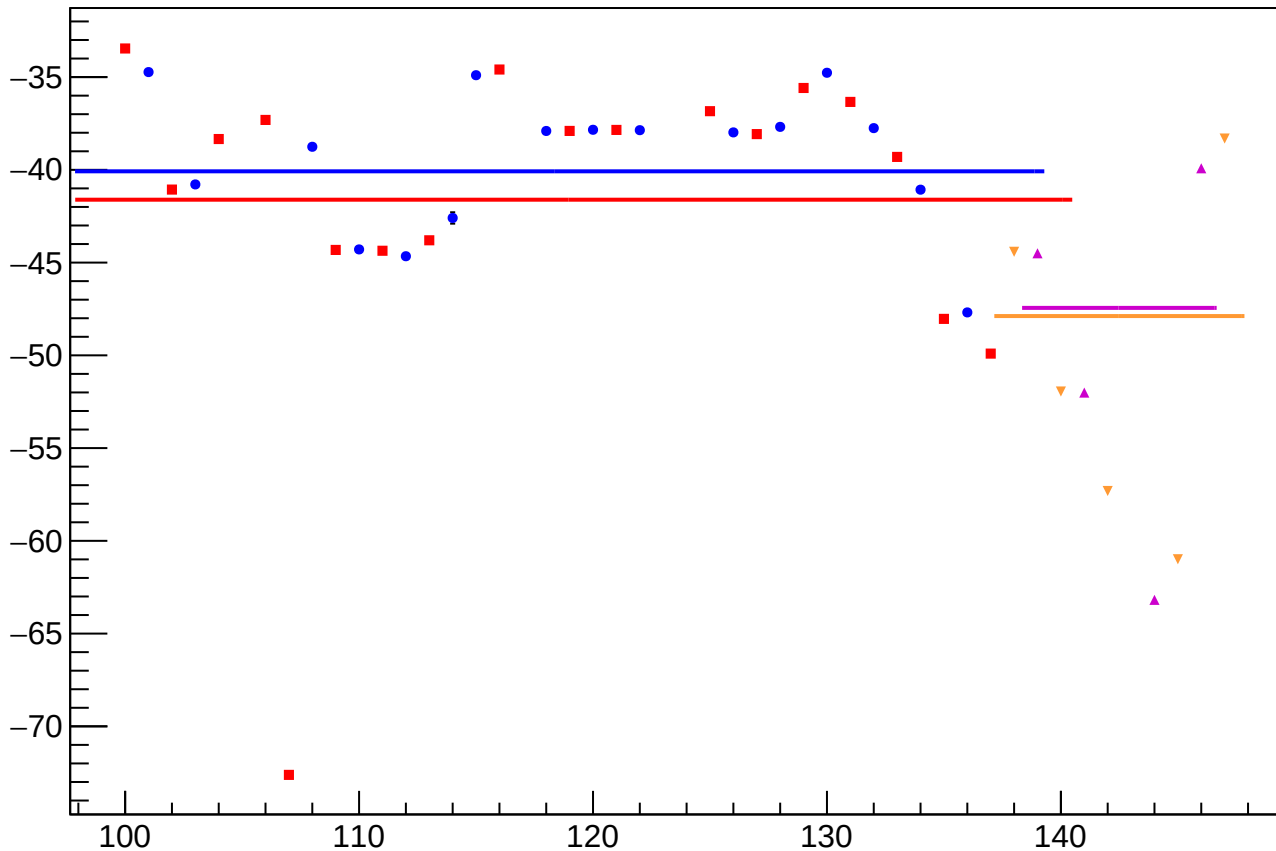
Left In: 21.147 $\pm$ 0.741 χ^2 /NDF: 136.0/3

+ sign 12.602 $\pm$ 0.391 χ^2 /NDF: 872.8/20

All: 12.345 $\pm$ 0.289 χ^2 /NDF: 1926.2/42

- sign 12.038 $\pm$ 0.428 χ^2 /NDF: 1052.4/21

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 $\pm$ 0.028 χ^2 /NDF: 25123.9/15

Left Out: -47.883 $\pm$ 0.034 χ^2 /NDF: 60702.7/4

Right Out: -41.609 $\pm$ 0.029 χ^2 /NDF: 61784.6/17

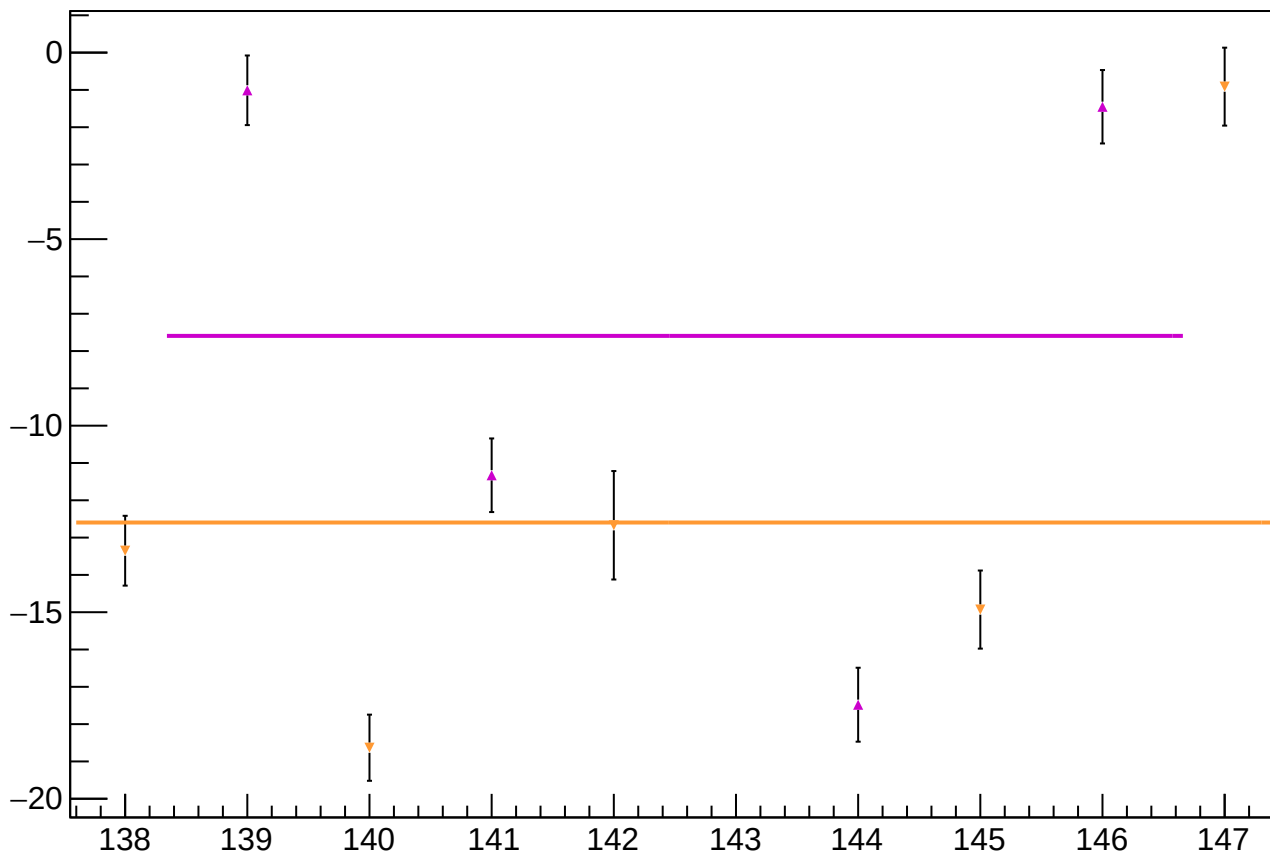
Left In: -47.442 $\pm$ 0.035 χ^2 /NDF: 49508.9/3

+ sign -43.295 $\pm$ 0.022 χ^2 /NDF: 117384.1/20

All: -43.597 $\pm$ 0.015 χ^2 /NDF: 245553.8/42

- sign -43.916 $\pm$ 0.022 χ^2 /NDF: 127768.6/21

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -12.596+/-0.460 χ^2/NDF : 177.1/4

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

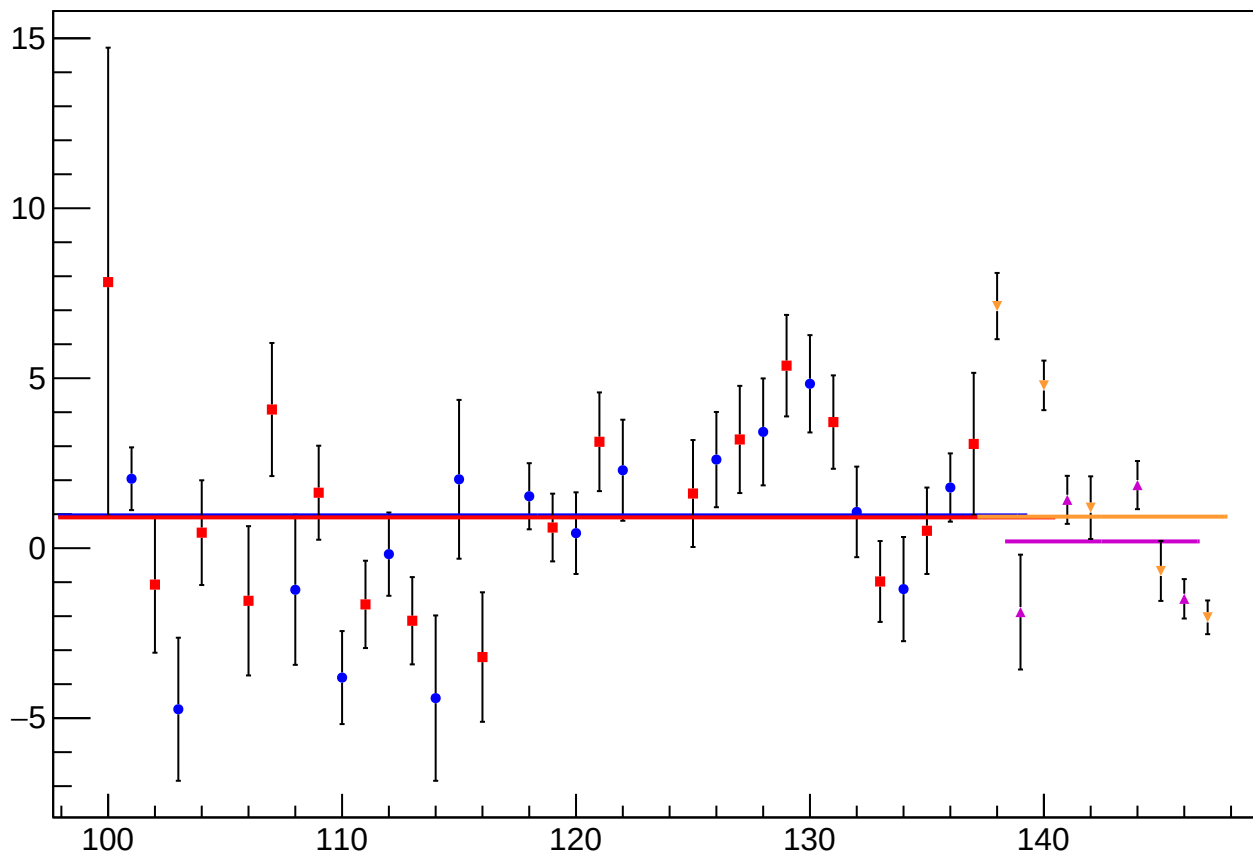
Left In: -7.593+/-0.486 χ^2/NDF : 202.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.231+/-0.334 χ^2/NDF : 435.4/8

- 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: 0.928 ± 0.325 χ^2/NDF : 107.5/4

Right Out: 0.906 ± 0.354 χ^2/NDF : 42.0/17

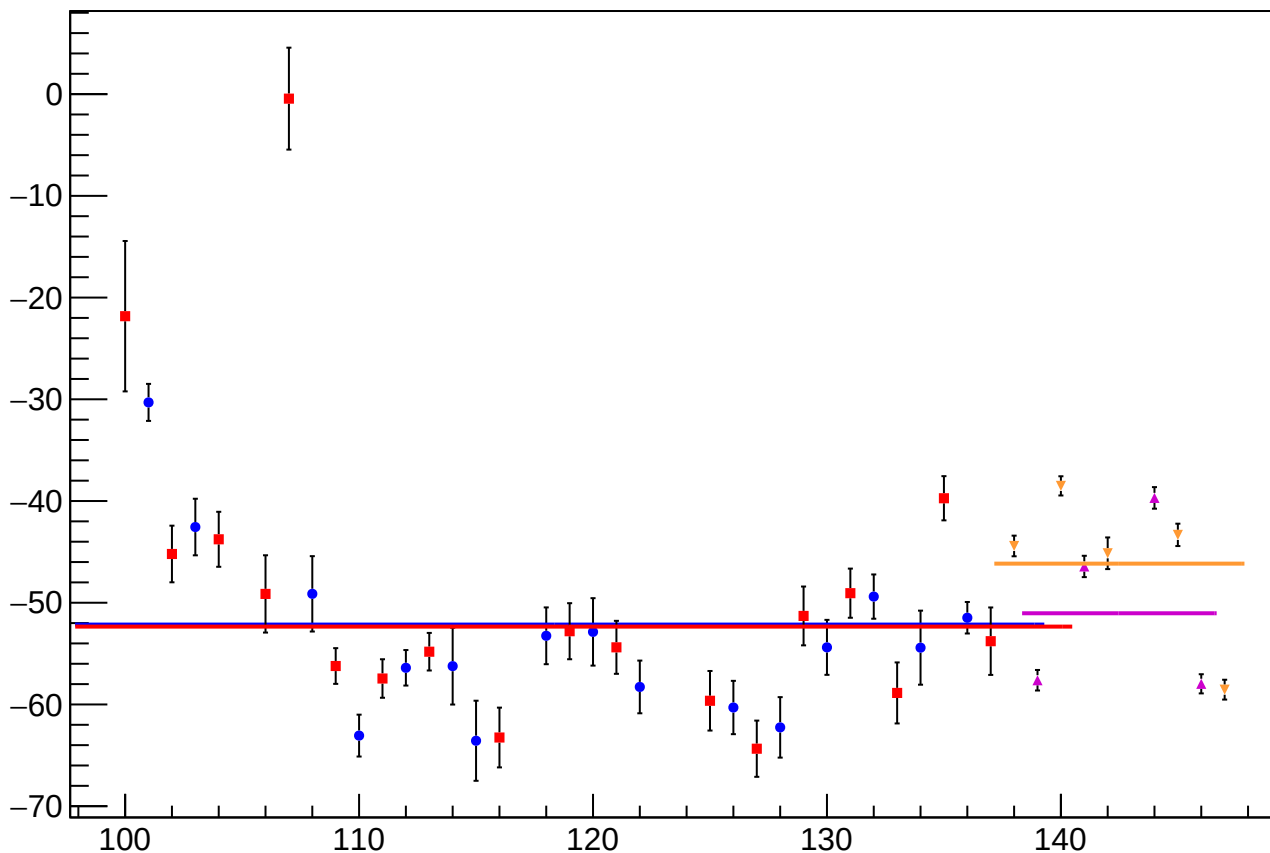
Left In: 0.199 ± 0.369 χ^2/NDF : 18.5/3

+ sign 0.946 ± 0.234 χ^2/NDF : 150.5/20

All: 0.773 ± 0.173 χ^2/NDF : 214.0/42

- sign 0.568 ± 0.256 χ^2/NDF : 62.4/21

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.148 ± 0.612 χ^2/NDF : 230.2/15

Left Out: -46.156 ± 0.478 χ^2/NDF : 236.8/4

Right Out: -52.346 ± 0.616 χ^2/NDF : 235.7/17

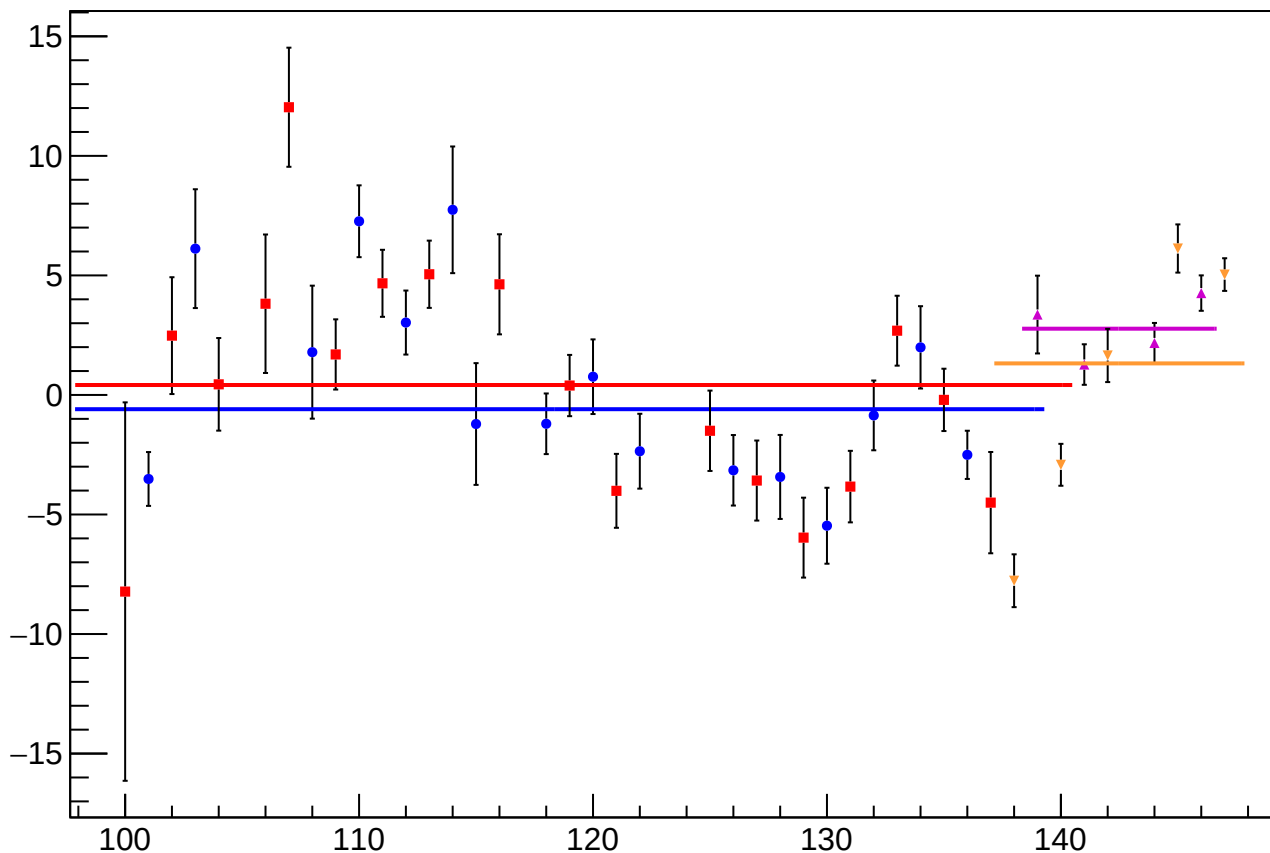
Left In: -51.035 ± 0.506 χ^2/NDF : 230.4/3

+ sign -48.424 ± 0.376 χ^2/NDF : 526.6/20

All: -49.935 ± 0.271 χ^2/NDF : 1029.0/42

- sign -51.564 ± 0.391 χ^2/NDF : 468.9/21

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.596 ± 0.384 χ^2/NDF : 82.6/15

Left Out: 1.320 ± 0.406 χ^2/NDF : 143.5/4

Right Out: 0.416 ± 0.400 χ^2/NDF : 95.8/17

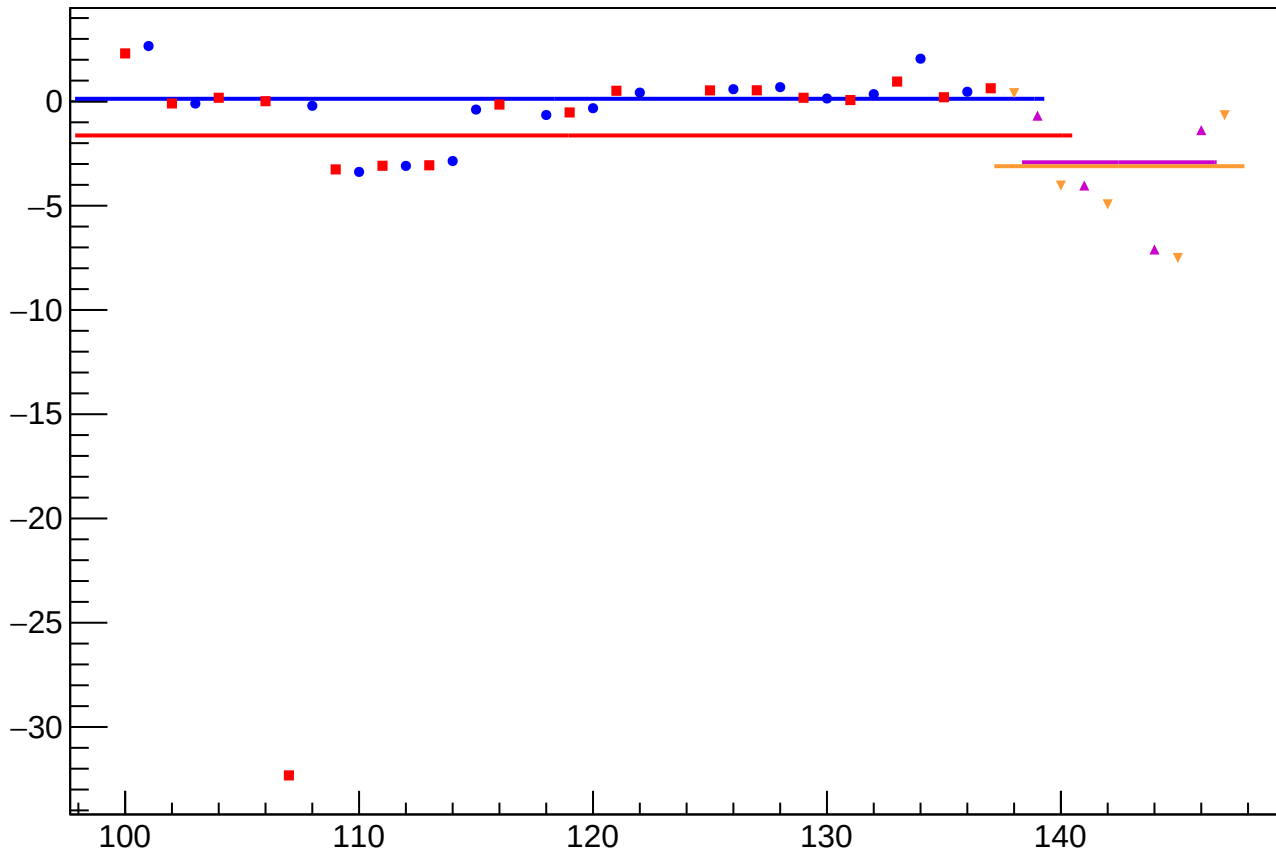
Left In: 2.771 ± 0.447 χ^2/NDF : 7.8/3

+ sign 0.307 ± 0.279 χ^2/NDF : 237.9/20

All: 0.848 ± 0.204 χ^2/NDF : 364.9/42

- sign 1.463 ± 0.298 χ^2/NDF : 119.0/21

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 ± 0.021 $\chi^2/\text{NDF}: 5252.9/15$

Left Out: -3.105 ± 0.020 $\chi^2/\text{NDF}: 22369.9/4$

Right Out: -1.631 ± 0.022 $\chi^2/\text{NDF}: 77878.6/17$

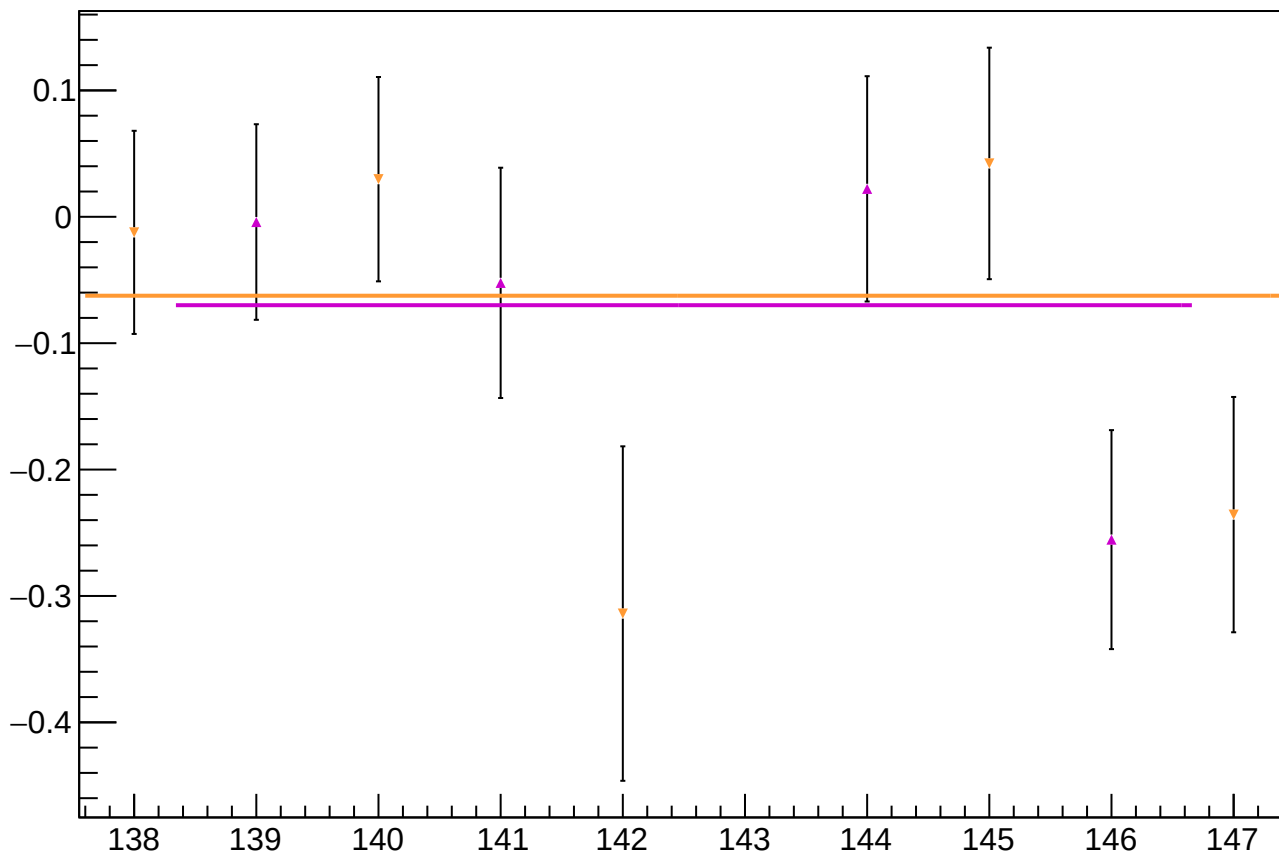
Left In: -2.919 ± 0.021 $\chi^2/\text{NDF}: 14018.0/3$

+ sign -1.604 ± 0.015 $\chi^2/\text{NDF}: 39742.3/20$

All: -1.948 ± 0.010 $\chi^2/\text{NDF}: 134605.7/42$

- sign -2.309 ± 0.015 $\chi^2/\text{NDF}: 93732.8/21$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.062+/-0.041 χ^2/NDF : 10.1/4

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

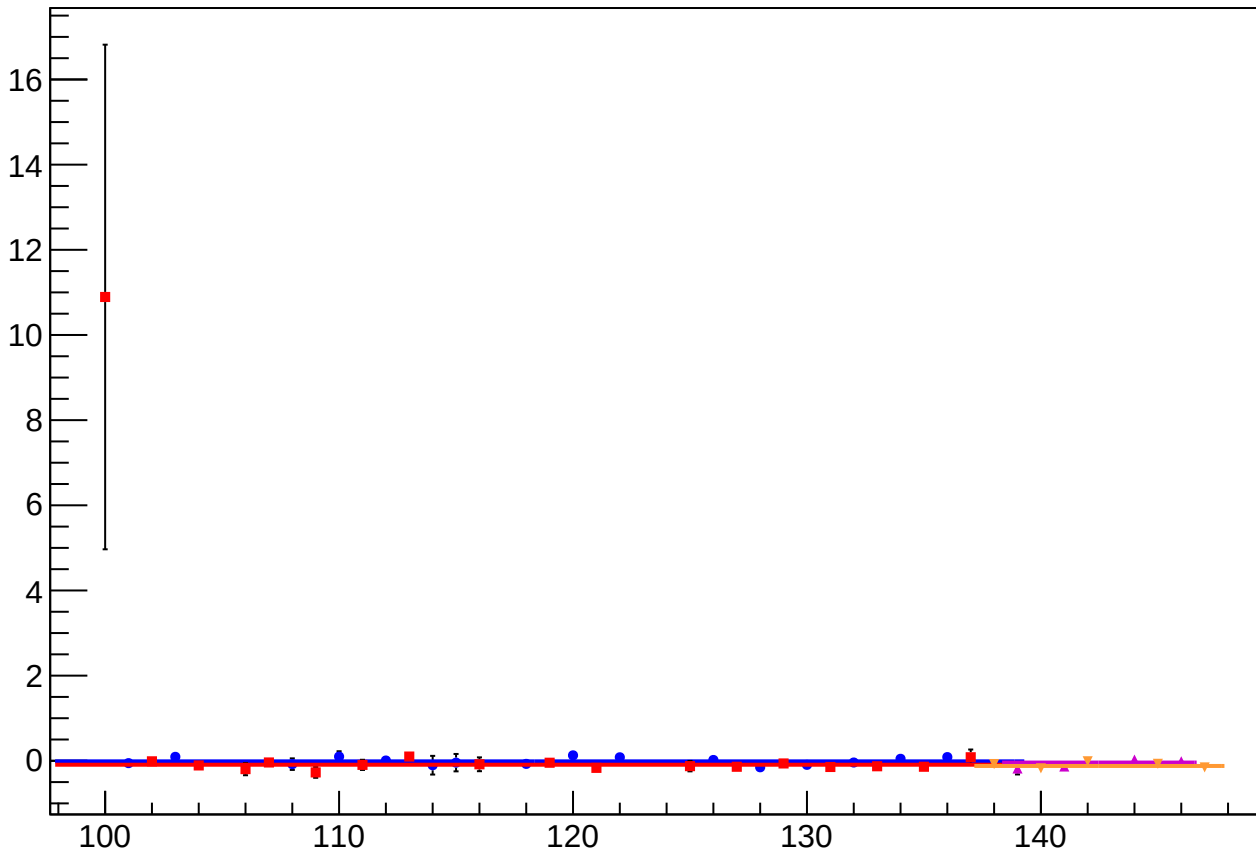
Left In: -0.070+/-0.043 χ^2/NDF : 6.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.066+/-0.030 χ^2/NDF : 16.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 12.2/15

Left Out: -0.121 ± 0.029 χ^2/NDF : 3.7/4

Right Out: -0.092 ± 0.025 χ^2/NDF : 12.7/17

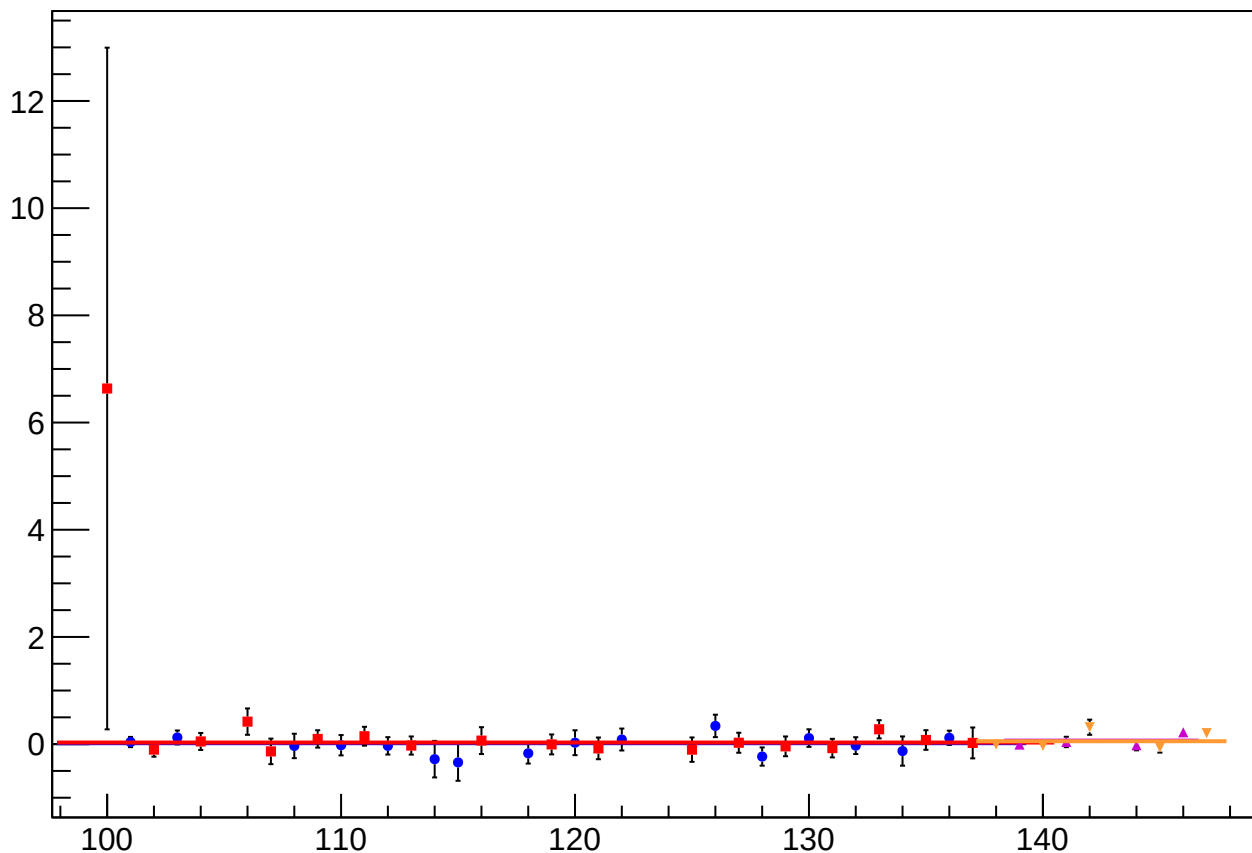
Left In: -0.041 ± 0.033 χ^2/NDF : 4.5/3

+ sign -0.055 ± 0.018 χ^2/NDF : 24.3/20

All: -0.064 ± 0.013 χ^2/NDF : 43.5/42

- sign -0.074 ± 0.020 χ^2/NDF : 18.7/21

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.017 ± 0.043 χ^2/NDF : 9.6/15

Left Out: 0.054 ± 0.042 χ^2/NDF : 9.4/4

Right Out: 0.030 ± 0.045 χ^2/NDF : 9.2/17

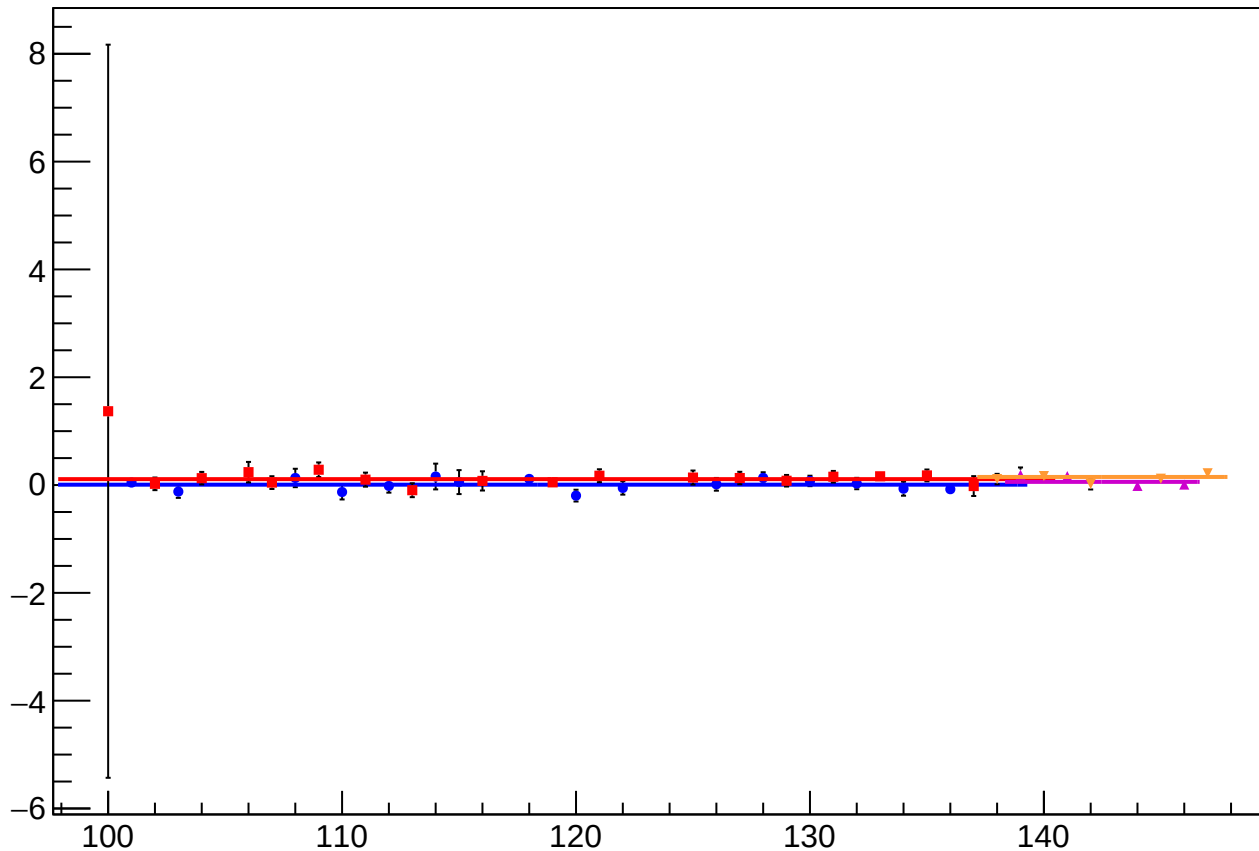
Left In: 0.065 ± 0.045 χ^2/NDF : 5.2/3

+ sign 0.036 ± 0.030 χ^2/NDF : 19.5/20

All: 0.042 ± 0.022 χ^2/NDF : 34.2/42

- sign 0.048 ± 0.032 χ^2/NDF : 14.7/21

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 12.1/15

Left Out: 0.150 ± 0.036 χ^2/NDF : 3.3/4

Right Out: 0.110 ± 0.029 χ^2/NDF : 8.0/17

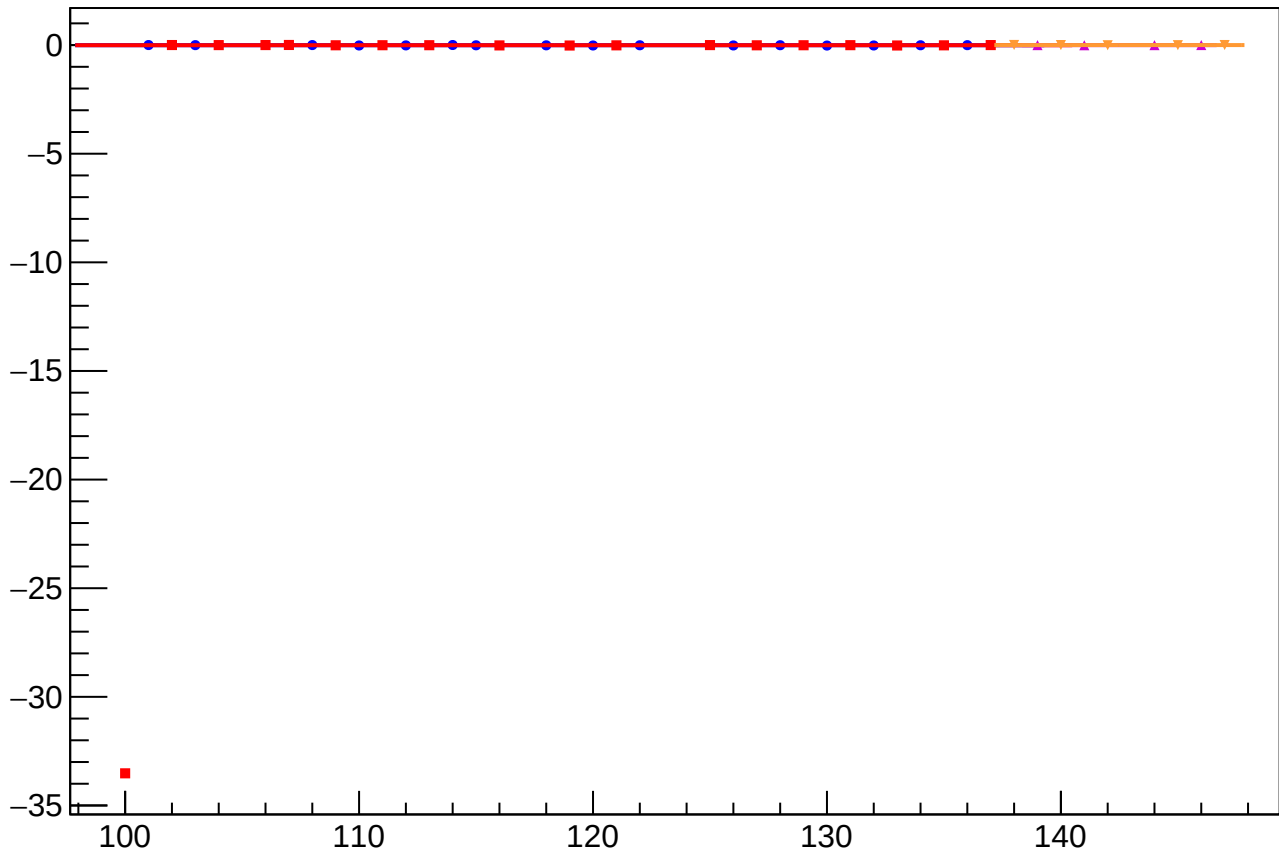
Left In: 0.059 ± 0.040 χ^2/NDF : 4.4/3

+ sign 0.058 ± 0.022 χ^2/NDF : 25.4/20

All: 0.074 ± 0.016 χ^2/NDF : 40.1/42

- sign 0.093 ± 0.023 χ^2/NDF : 13.5/21

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.005 ± 0.001 χ^2/NDF : 22.6/15

Left Out: 0.000 ± 0.002 χ^2/NDF : 6.0/4

Right Out: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

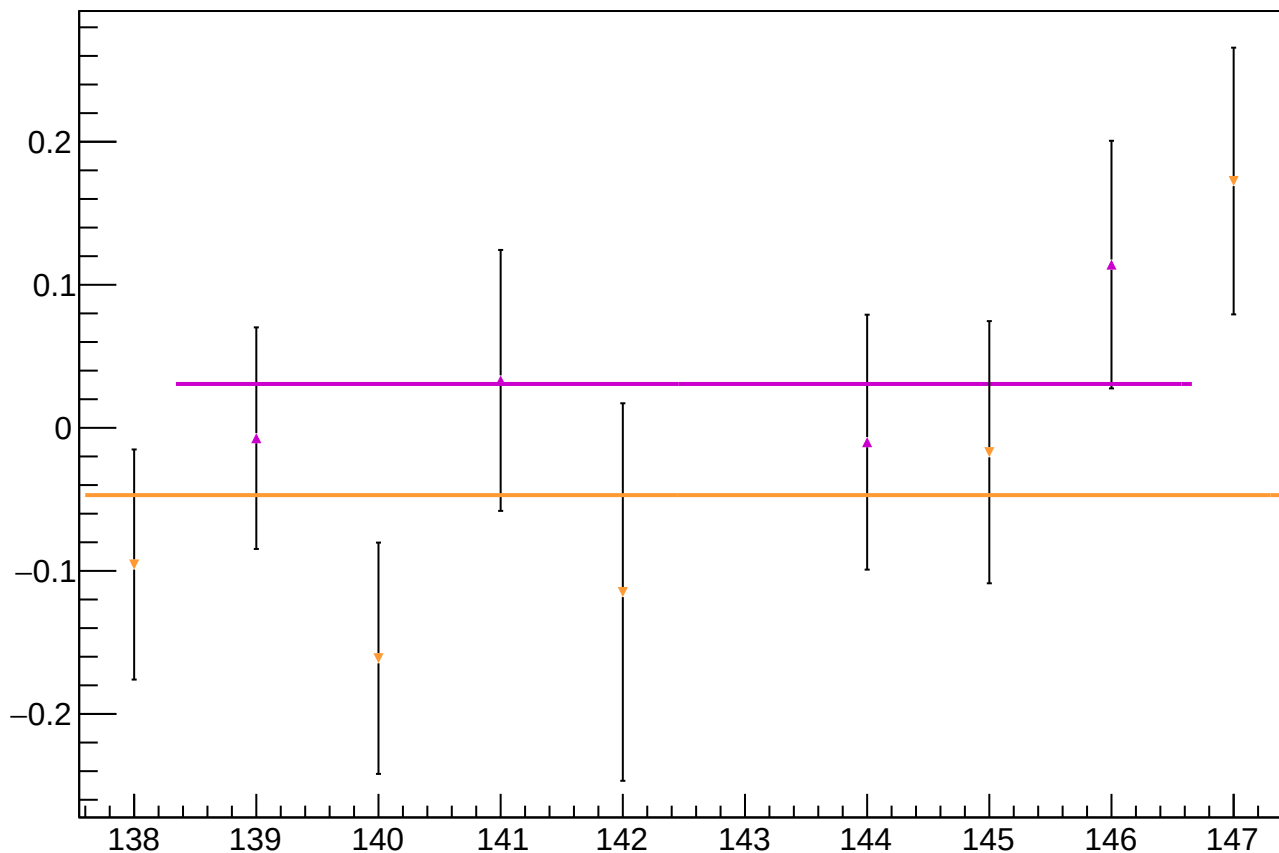
Left In: -0.002 ± 0.002 χ^2/NDF : 2.9/3

+ sign -0.003 ± 0.001 χ^2/NDF : 34.8/20

All: -0.004 ± 0.001 χ^2/NDF : 26550.1/42

- sign -0.004 ± 0.001 χ^2/NDF : 26514.8/21

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.047 $\pm$ 0.041 χ^2 /NDF:8.3/4

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

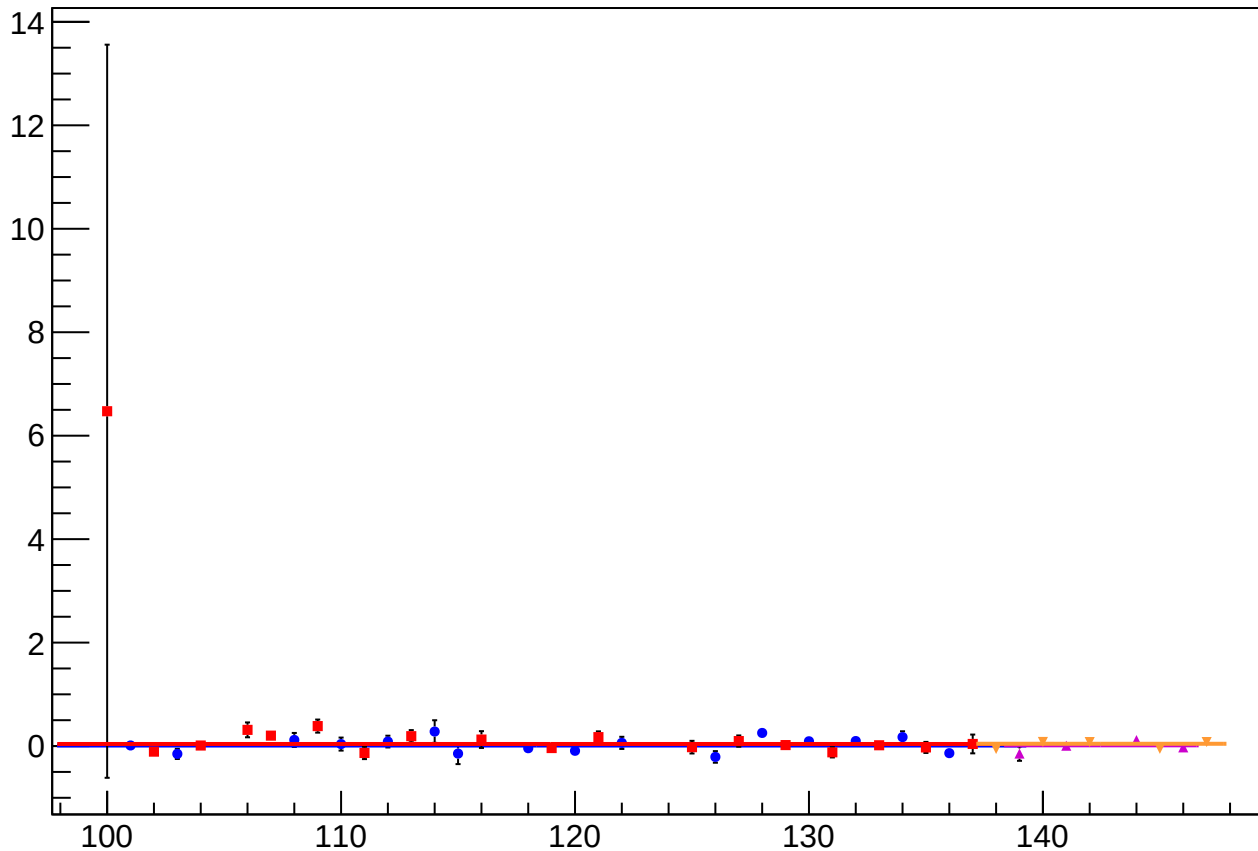
Left In: 0.031 $\pm$ 0.043 χ^2 /NDF:1.4/3

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

All: -0.010 $\pm$ 0.030 χ^2 /NDF: 11.4/8

- sign 0.000 $\pm$ 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: 0.044 ± 0.029 χ^2/NDF : 3.9/4

Right Out: 0.040 ± 0.025 χ^2/NDF : 27.9/17

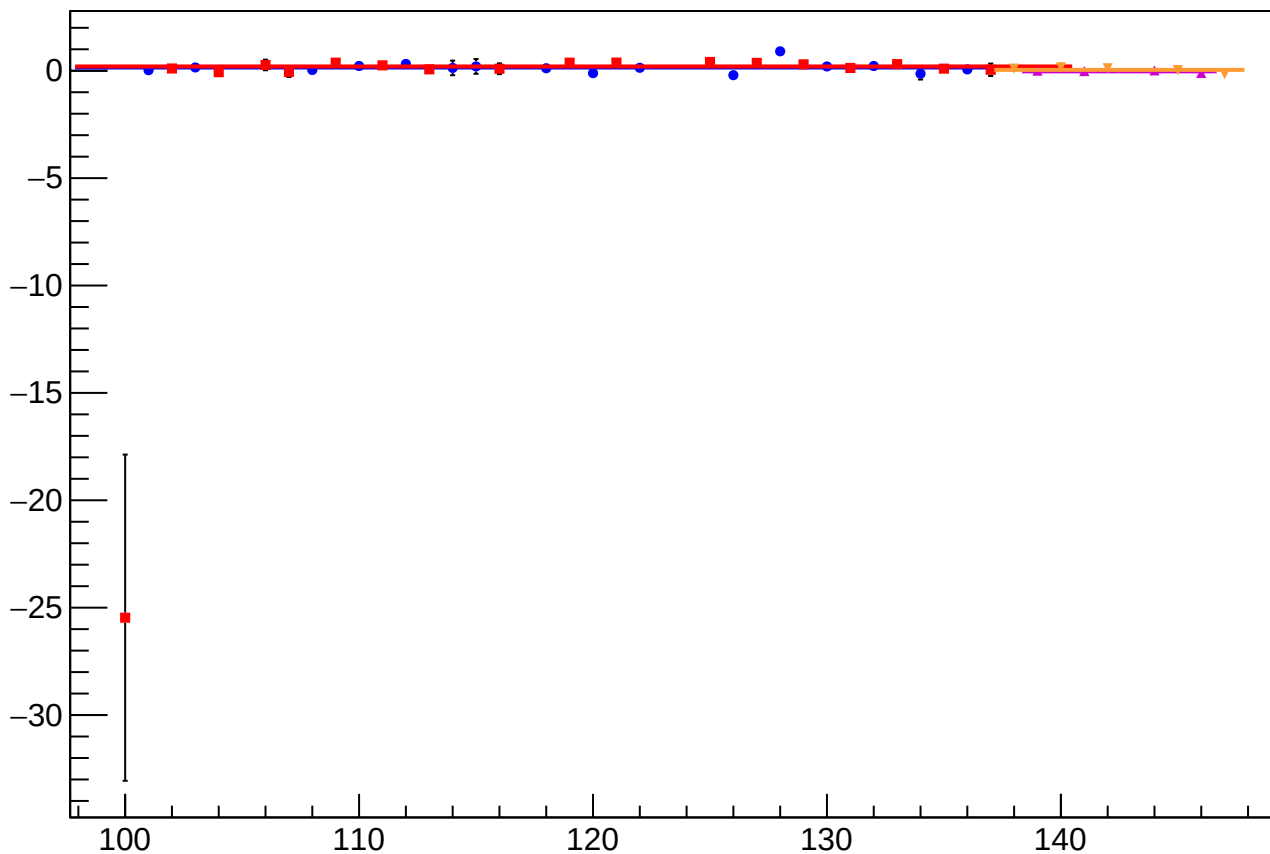
Left In: 0.014 ± 0.033 χ^2/NDF : 4.4/3

+ sign 0.024 ± 0.018 χ^2/NDF : 30.2/20

All: 0.027 ± 0.013 χ^2/NDF : 63.0/42

- sign 0.031 ± 0.020 χ^2/NDF : 32.7/21

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.152 ± 0.043 χ^2/NDF : 28.7/15

Left Out: 0.041 ± 0.042 χ^2/NDF : 8.0/4

Right Out: 0.200 ± 0.045 χ^2/NDF : 22.9/17

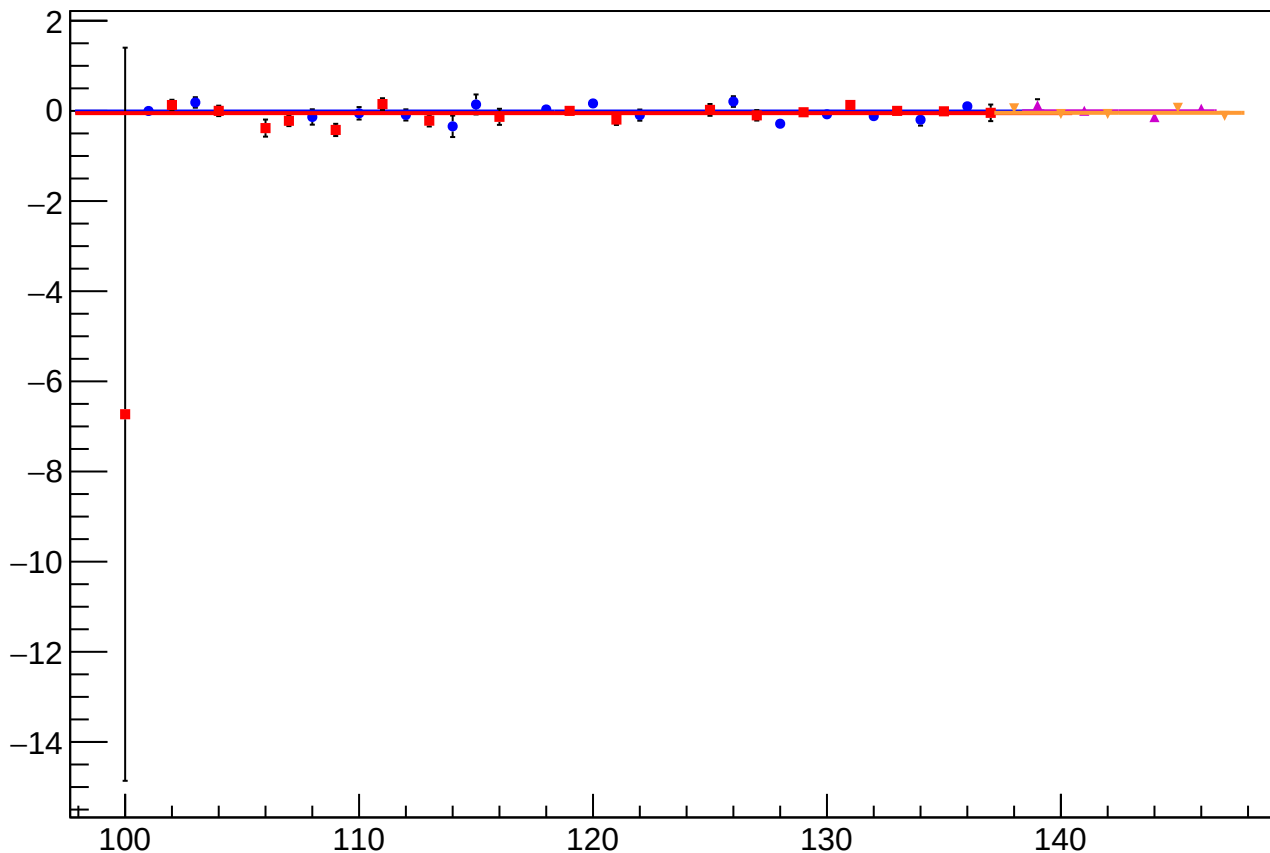
Left In: -0.027 ± 0.045 χ^2/NDF : 1.2/3

+ sign 0.096 ± 0.030 χ^2/NDF : 40.2/20

All: 0.091 ± 0.022 χ^2/NDF : 77.2/42

- sign 0.085 ± 0.032 χ^2/NDF : 37.0/21

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 $\pm$ 0.027 χ^2/NDF : 25.2/15

Left Out: -0.043 $\pm$ 0.036 χ^2/NDF : 4.0/4

Right Out: -0.050 $\pm$ 0.029 χ^2/NDF : 25.7/17

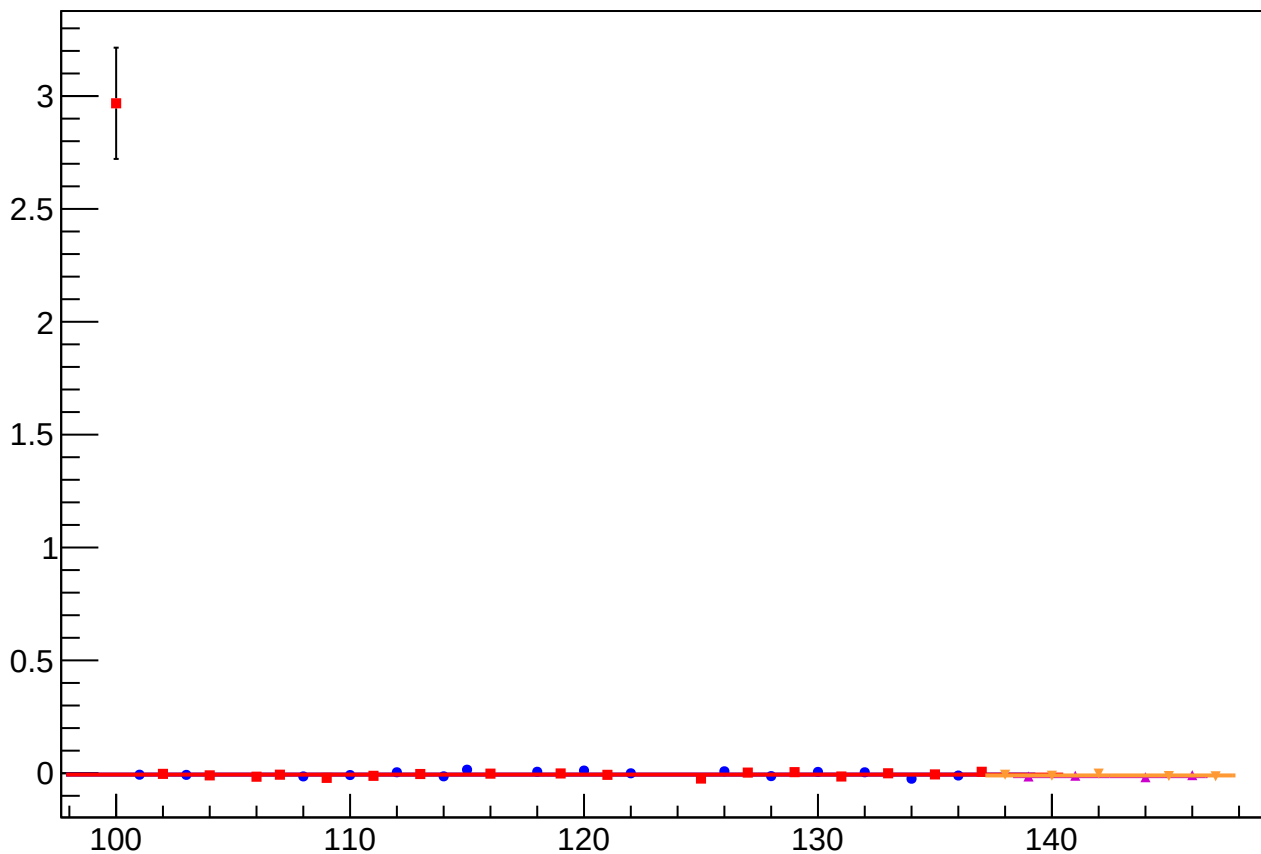
Left In: -0.009 $\pm$ 0.040 χ^2/NDF : 4.7/3

+ sign -0.024 $\pm$ 0.022 χ^2/NDF : 29.6/20

All: -0.029 $\pm$ 0.016 χ^2/NDF : 60.8/42

- sign -0.036 $\pm$ 0.023 χ^2/NDF : 31.1/21

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 29.0/15

Left Out: -0.010 ± 0.002 χ^2/NDF : 4.5/4

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.9/17

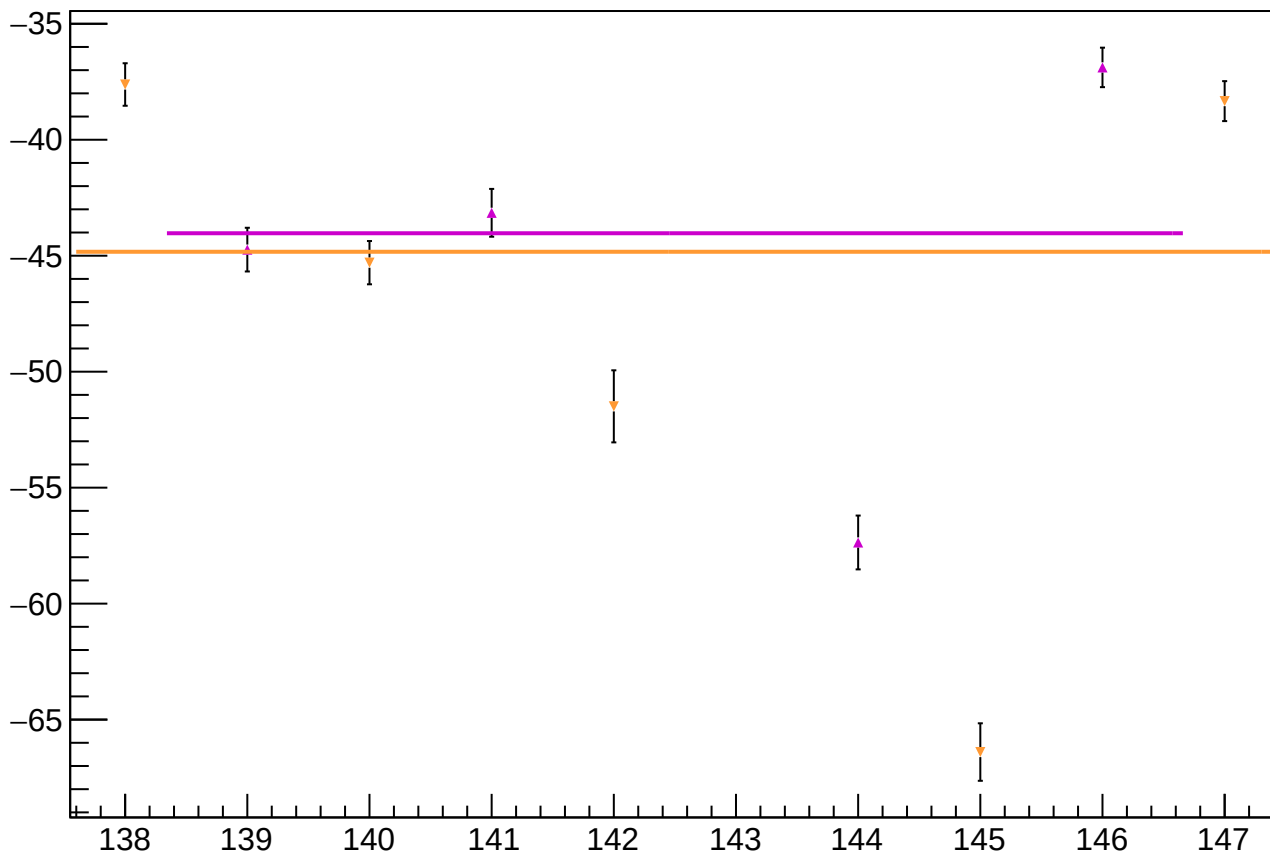
Left In: -0.013 ± 0.002 χ^2/NDF : 3.1/3

+ sign -0.008 ± 0.001 χ^2/NDF : 36.1/20

All: -0.008 ± 0.001 χ^2/NDF : 214.5/42

- sign -0.009 ± 0.001 χ^2/NDF : 177.8/21

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -44.830+/-0.459 χ^2/NDF : 440.2/4

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

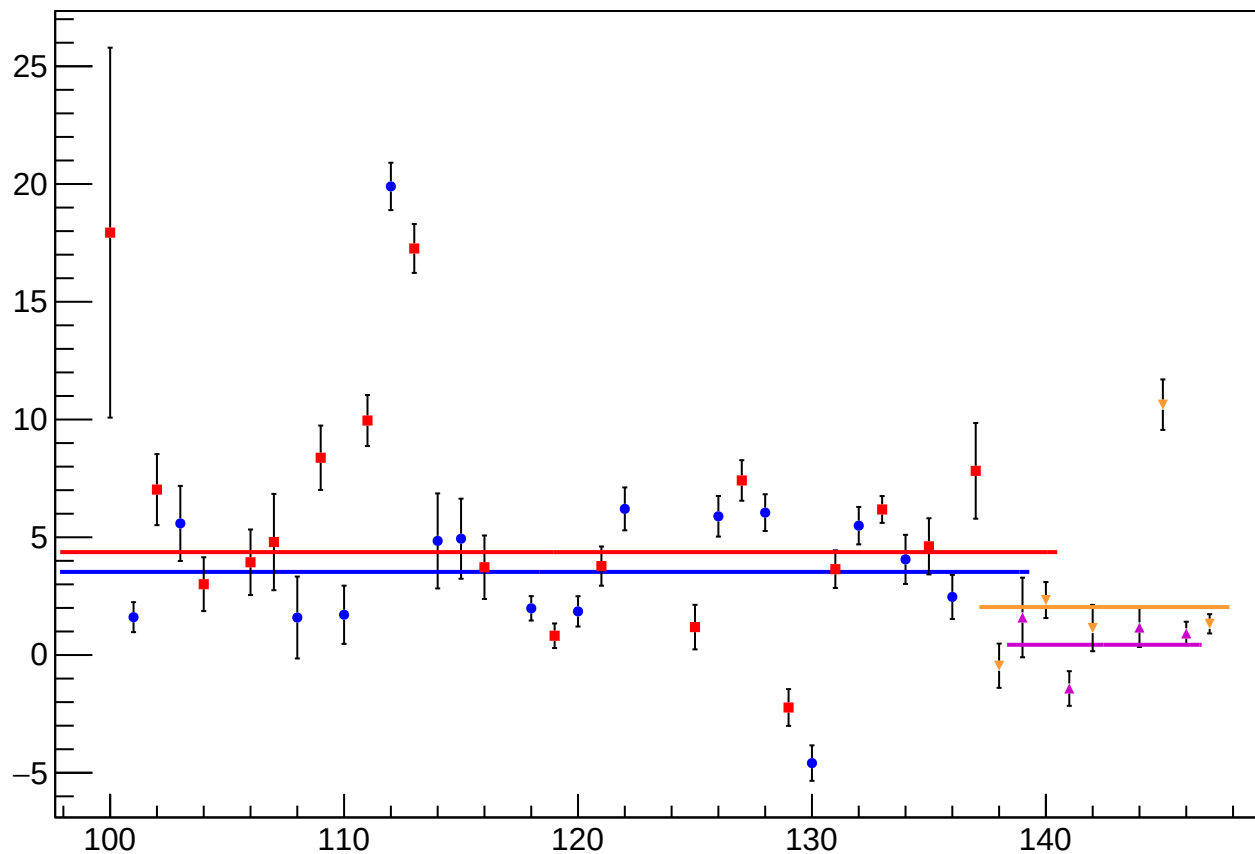
Left In: -44.031+/-0.488 χ^2/NDF : 203.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.456+/-0.334 χ^2/NDF : 645.5/8

- 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 χ^2/NDF : 446.6/15

Left Out: 2.036 ± 0.305 χ^2/NDF : 75.4/4

Right Out: 4.370 ± 0.225 χ^2/NDF : 353.8/17

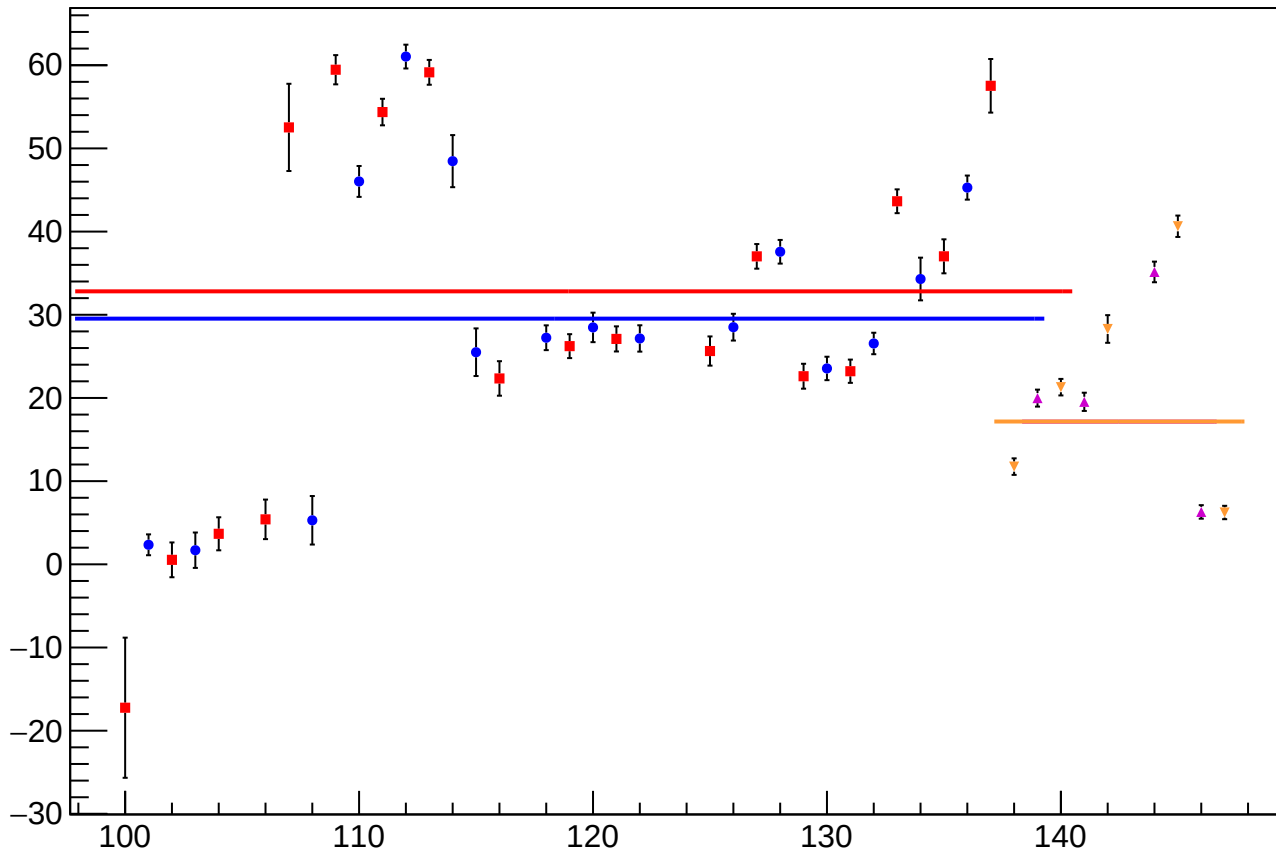
Left In: 0.436 ± 0.360 χ^2/NDF : 8.6/3

+ sign 3.027 ± 0.177 χ^2/NDF : 537.8/20

All: 3.135 ± 0.130 χ^2/NDF : 986.8/42

- sign 3.262 ± 0.191 χ^2/NDF : 448.2/21

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.535 $\pm$ 0.417 χ^2 /NDF: 1494.9/15

Left Out: 17.168 $\pm$ 0.469 χ^2 /NDF: 609.6/4

Right Out: 32.816 $\pm$ 0.423 χ^2 /NDF: 1659.3/17

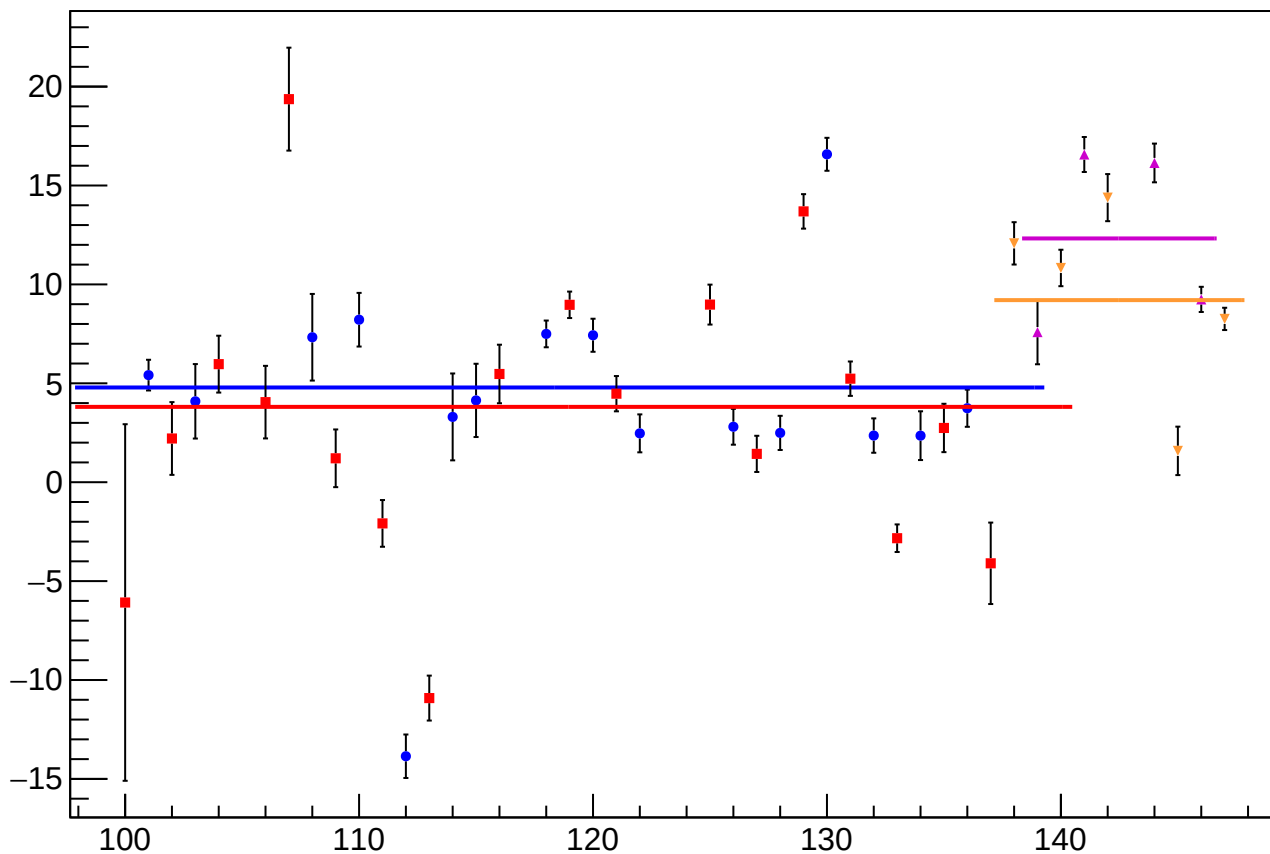
Left In: 17.154 $\pm$ 0.503 χ^2 /NDF: 400.6/3

+ sign 24.084 $\pm$ 0.312 χ^2 /NDF: 2492.6/20

All: 25.166 $\pm$ 0.225 χ^2 /NDF: 5145.4/42

- sign 26.332 $\pm$ 0.324 χ^2 /NDF: 2627.8/21

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 χ^2/NDF : 553.9/15

Left Out: 9.205 ± 0.390 χ^2/NDF : 70.8/4

Right Out: 3.809 ± 0.259 χ^2/NDF : 567.6/17

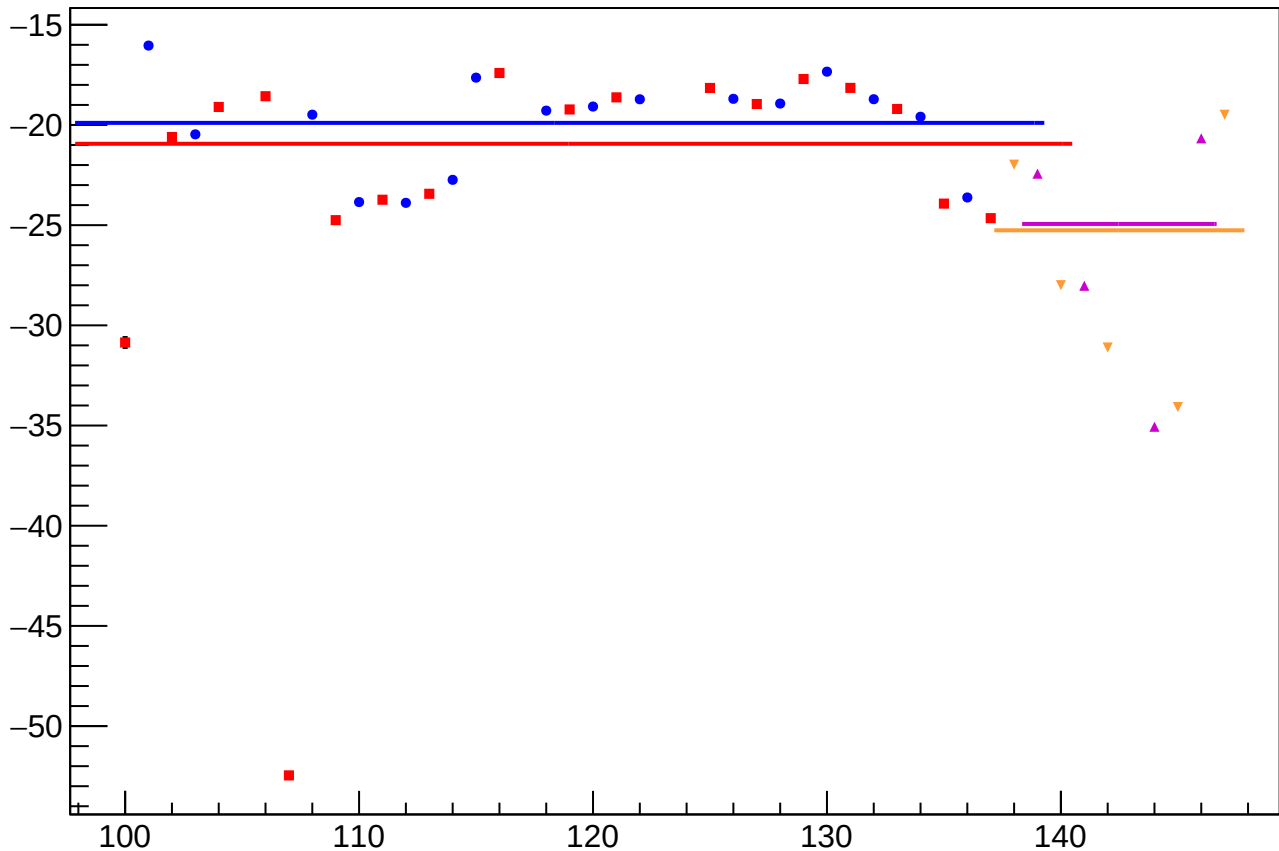
Left In: 12.324 ± 0.440 χ^2/NDF : 70.1/3

+ sign 6.084 ± 0.211 χ^2/NDF : 715.4/20

All: 6.044 ± 0.153 χ^2/NDF : 1631.6/42

- sign 6.000 ± 0.223 χ^2/NDF : 916.1/21

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 +/- 0.016 χ^2/NDF : 26073.6/15

Left Out: -25.256 +/- 0.020 χ^2/NDF : 71898.2/4

Right Out: -20.938 +/- 0.016 χ^2/NDF : 94065.2/17

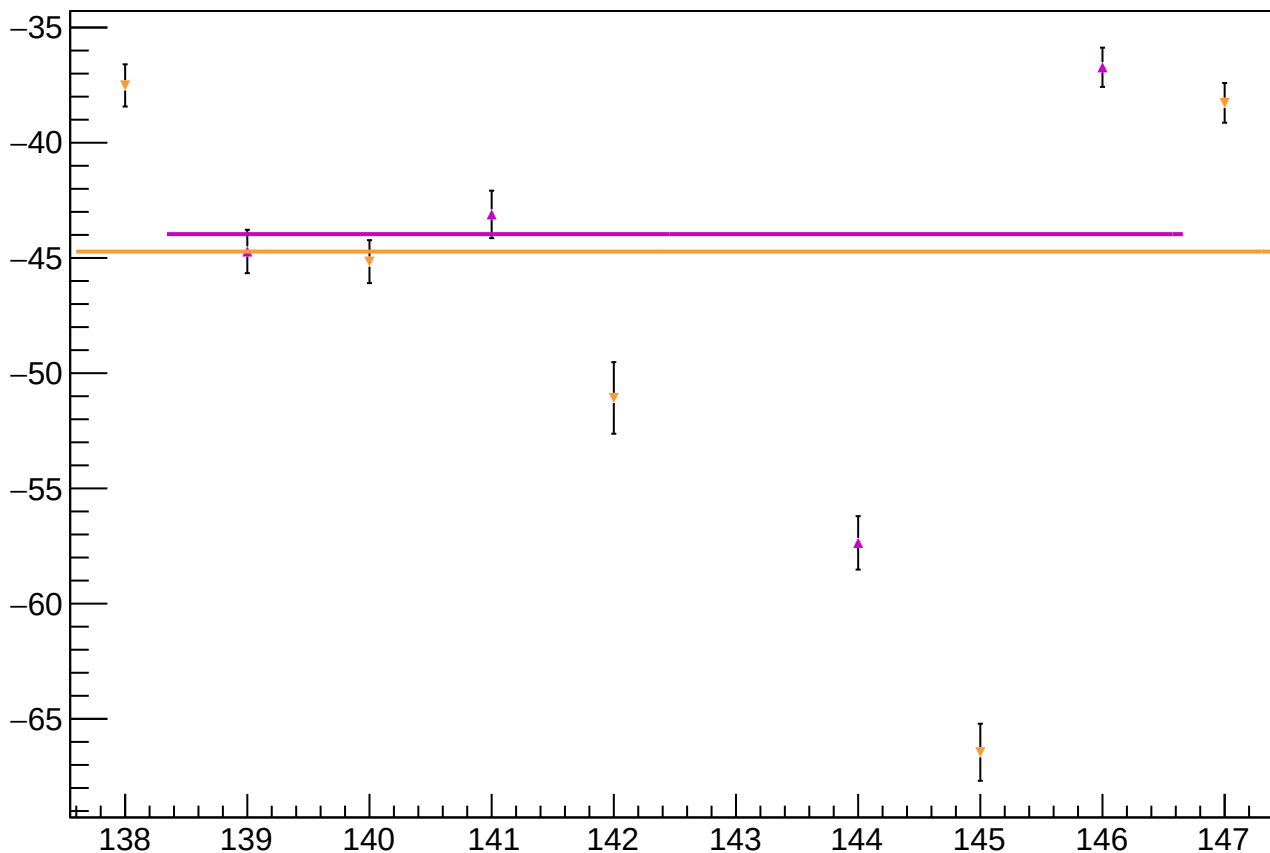
Left In: -24.939 +/- 0.021 χ^2/NDF : 57260.4/3

+ sign -21.915 +/- 0.012 χ^2/NDF : 142647.6/20

All: -22.154 +/- 0.009 χ^2/NDF : 318458.3/42

- sign -22.401 +/- 0.013 χ^2/NDF : 175040.9/21

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -44.721+/-0.458 χ^2/NDF : 442.7/4

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

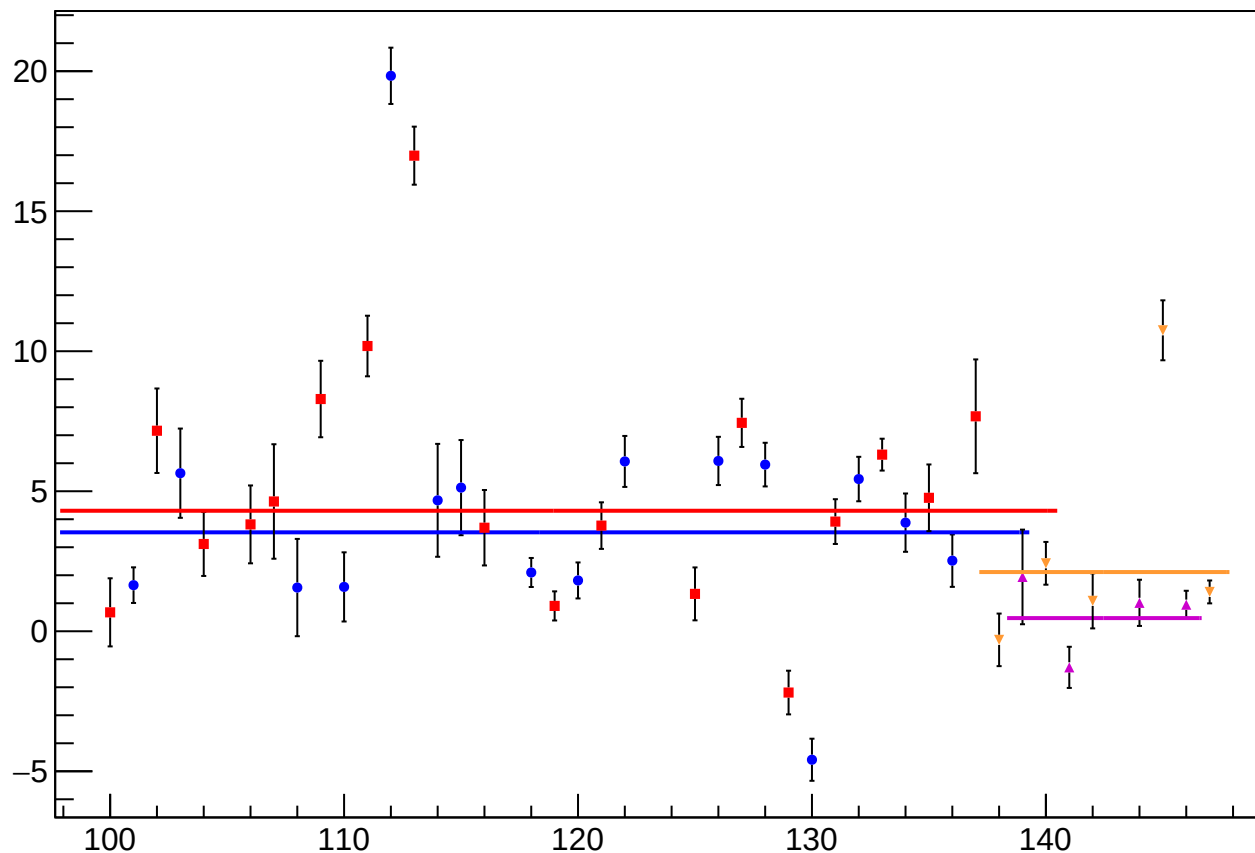
Left In: -43.965+/-0.488 χ^2/NDF : 207.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.367+/-0.334 χ^2/NDF : 651.2/8

- 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: 2.114 ± 0.305 $\chi^2/\text{NDF}: 76.0/4$

Right Out: 4.303 ± 0.222 $\chi^2/\text{NDF}: 352.8/17$

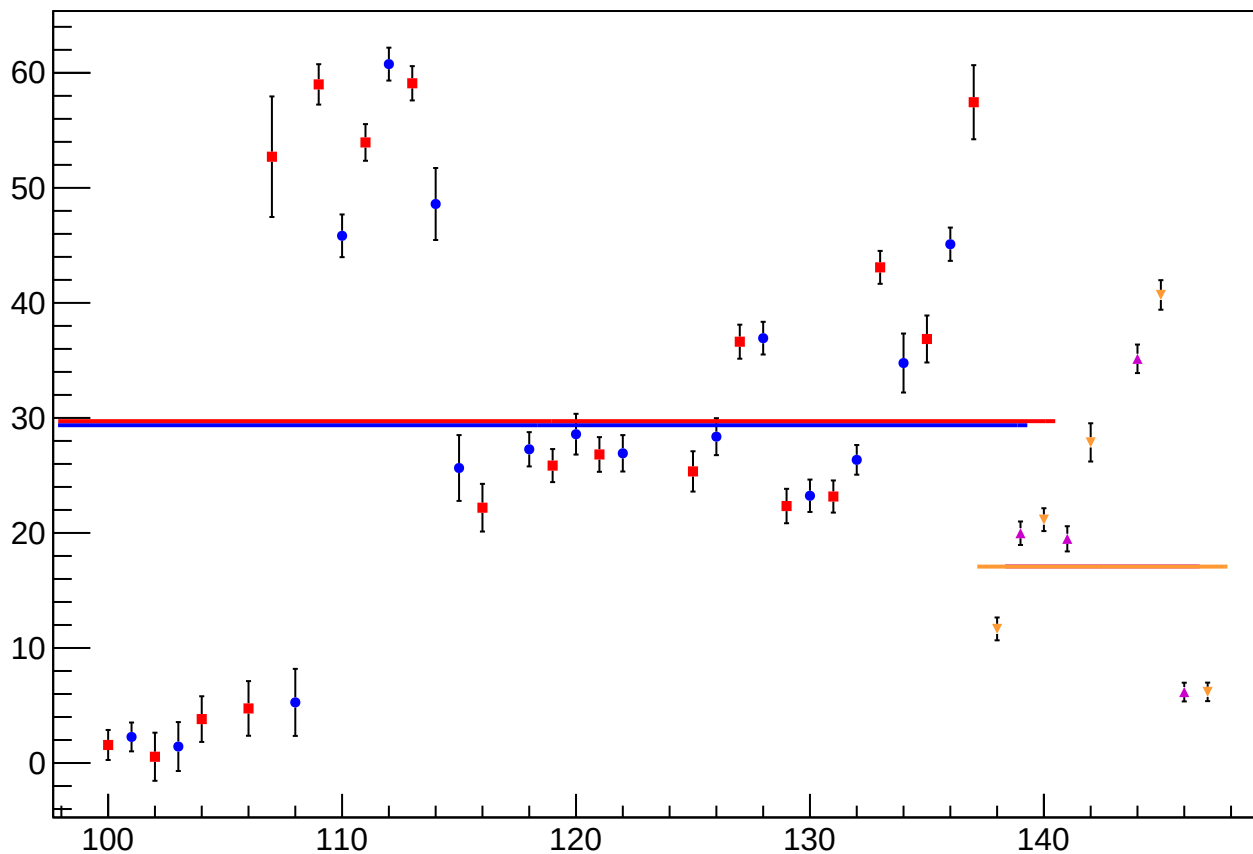
Left In: 0.470 ± 0.360 $\chi^2/\text{NDF}: 7.9/3$

+ sign 3.055 ± 0.177 $\chi^2/\text{NDF}: 533.6/20$

All: 3.146 ± 0.129 $\chi^2/\text{NDF}: 977.1/42$

- sign 3.249 ± 0.189 $\chi^2/\text{NDF}: 443.0/21$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 $\pm$ 0.416 χ^2 /NDF: 1488.7/15

Left Out: 17.075 $\pm$ 0.469 χ^2 /NDF: 609.9/4

Right Out: 29.719 $\pm$ 0.402 χ^2 /NDF: 2129.5/17

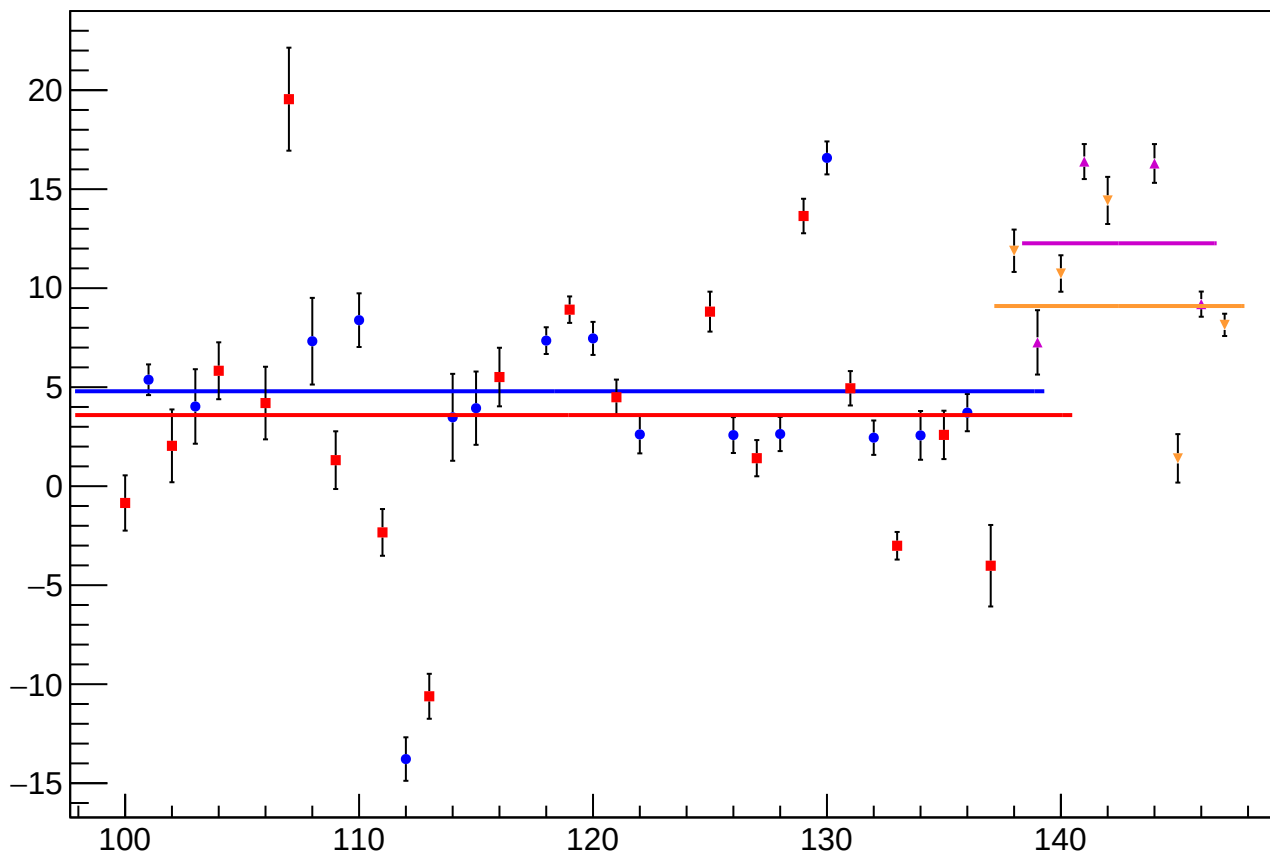
Left In: 17.092 $\pm$ 0.503 χ^2 /NDF: 404.9/3

+ sign 23.950 $\pm$ 0.311 χ^2 /NDF: 2482.5/20

All: 24.365 $\pm$ 0.221 χ^2 /NDF: 5405.0/42

- sign 24.788 $\pm$ 0.314 χ^2 /NDF: 2918.9/21

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.794 ± 0.251 $\chi^2/\text{NDF}: 550.0/15$

Left Out: 9.098 ± 0.390 $\chi^2/\text{NDF}: 72.4/4$

Right Out: 3.591 ± 0.254 $\chi^2/\text{NDF}: 573.3/17$

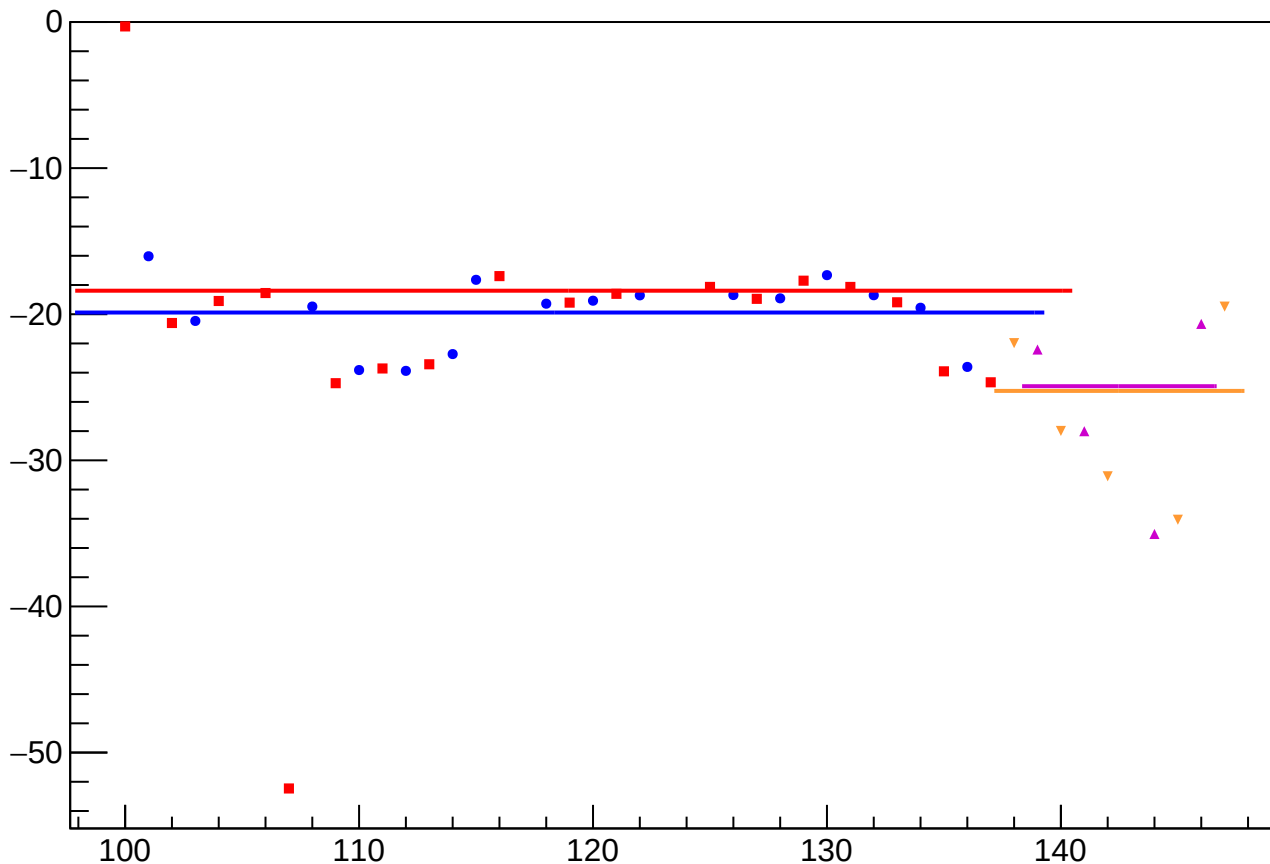
Left In: 12.267 ± 0.440 $\chi^2/\text{NDF}: 71.6/3$

+ sign 6.056 ± 0.211 $\chi^2/\text{NDF}: 708.6/20$

All: 5.919 ± 0.152 $\chi^2/\text{NDF}: 1646.2/42$

- sign 5.769 ± 0.220 $\chi^2/\text{NDF}: 936.7/21$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.883 ± 0.016 $\chi^2/\text{NDF}: 26063.5/15$

Left Out: -25.248 ± 0.020 $\chi^2/\text{NDF}: 71929.2/4$

Right Out: -18.390 ± 0.015 $\chi^2/\text{NDF}: 301247.7/17$

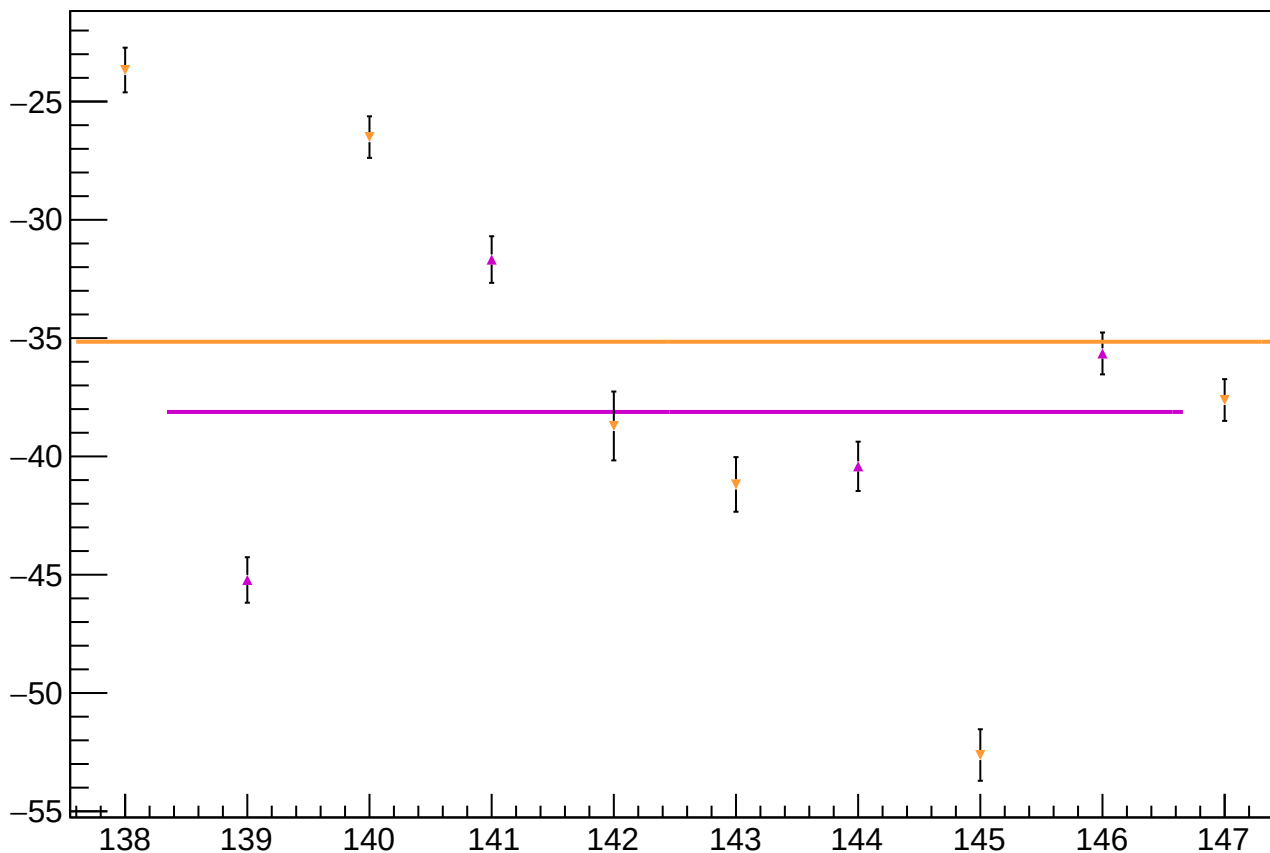
Left In: -24.926 ± 0.021 $\chi^2/\text{NDF}: 57216.4/3$

+ sign -21.904 ± 0.012 $\chi^2/\text{NDF}: 142777.4/20$

All: -21.233 ± 0.009 $\chi^2/\text{NDF}: 573336.5/42$

- sign -20.592 ± 0.012 $\chi^2/\text{NDF}: 424721.1/21$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -35.153+/-0.416 χ^2/NDF : 543.1/5

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

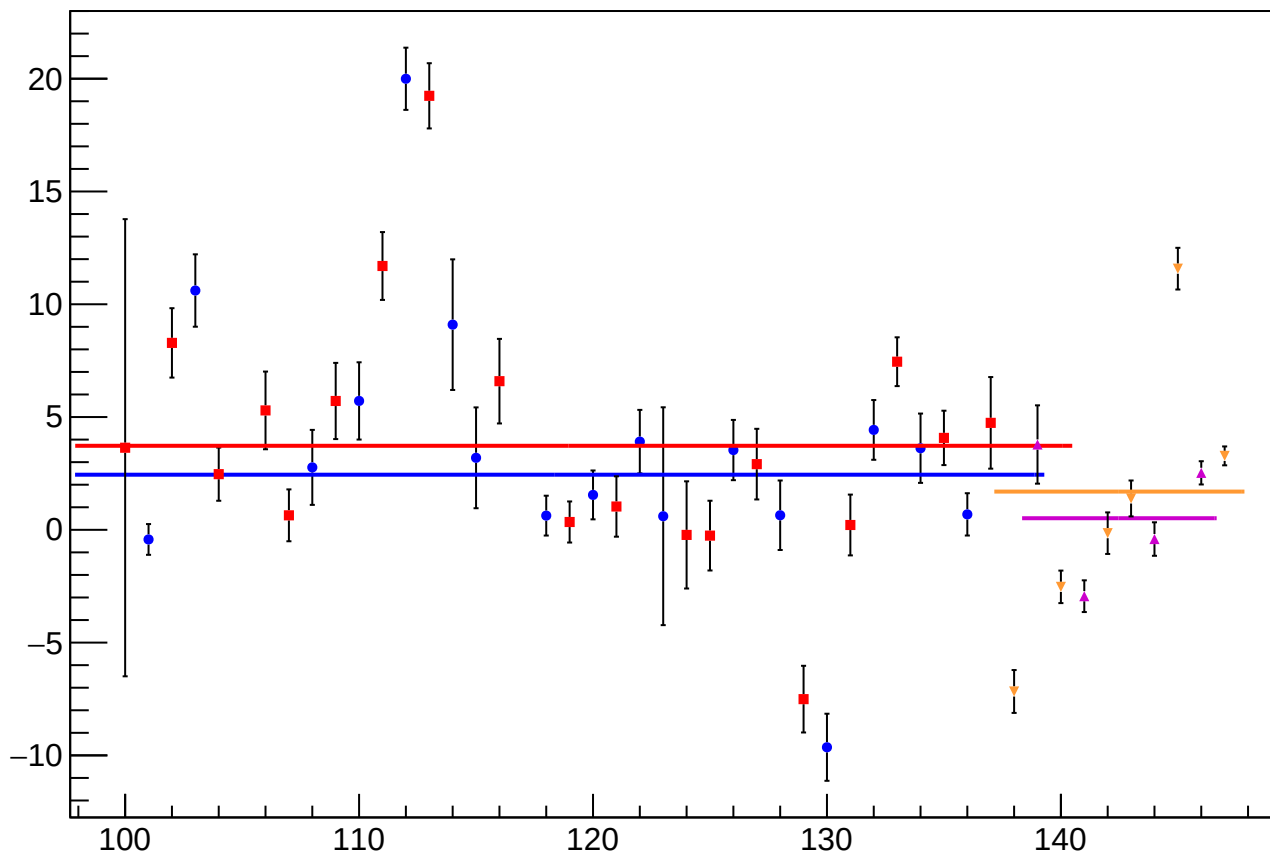
Left In: -38.120+/-0.482 χ^2/NDF : 109.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.422+/-0.315 χ^2/NDF : 674.8/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.444 ± 0.311 χ^2/NDF : 295.3/16

Left Out: 1.695 ± 0.281 χ^2/NDF : 254.1/5

Right Out: 3.726 ± 0.327 χ^2/NDF : 269.1/18

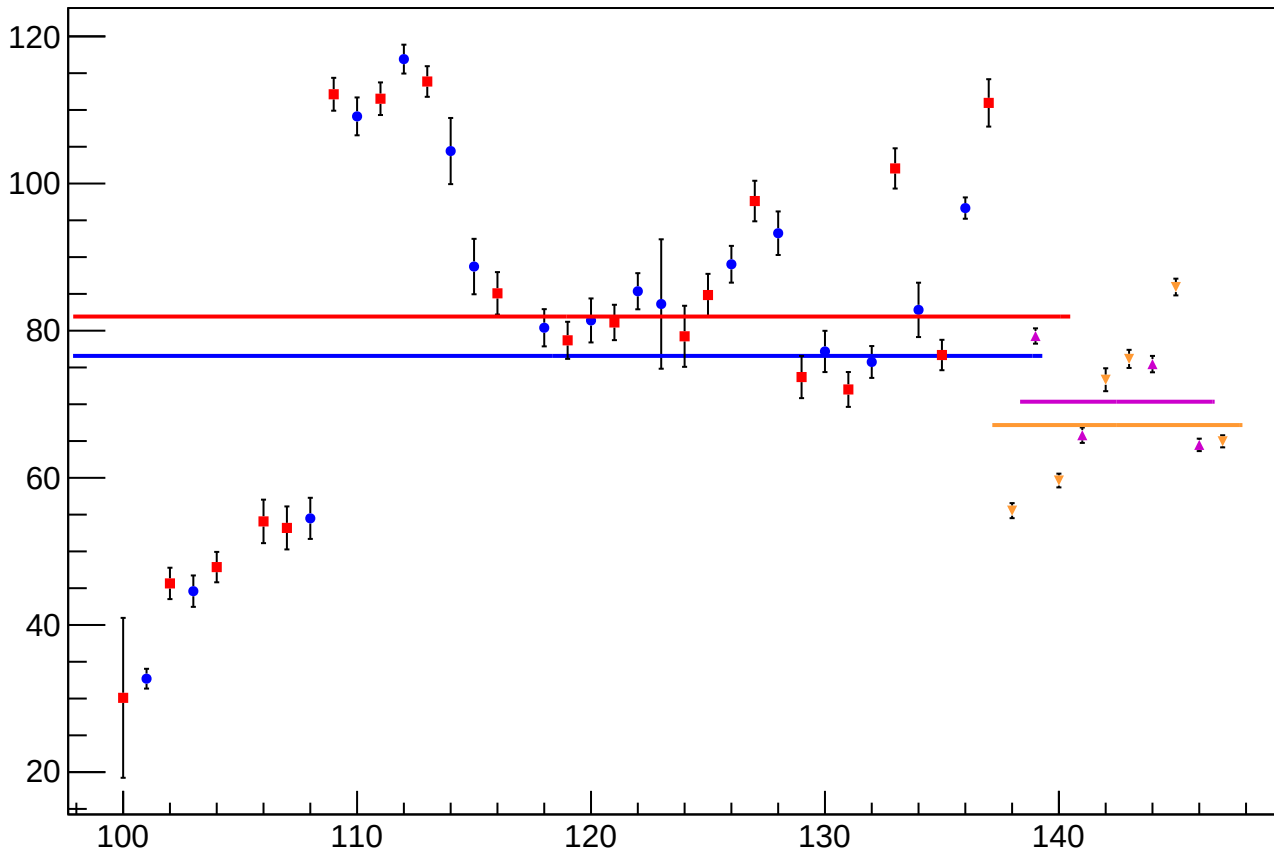
Left In: 0.514 ± 0.355 χ^2/NDF : 44.5/3

+ sign 2.031 ± 0.208 χ^2/NDF : 552.6/22

All: 2.126 ± 0.158 χ^2/NDF : 911.0/45

- sign 2.252 ± 0.240 χ^2/NDF : 357.9/22

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.572 $\pm$ 0.573 χ^2 /NDF: 2253.6/16

Left Out: 67.173 $\pm$ 0.430 χ^2 /NDF: 542.2/5

Right Out: 81.923 $\pm$ 0.592 χ^2 /NDF: 1570.6/18

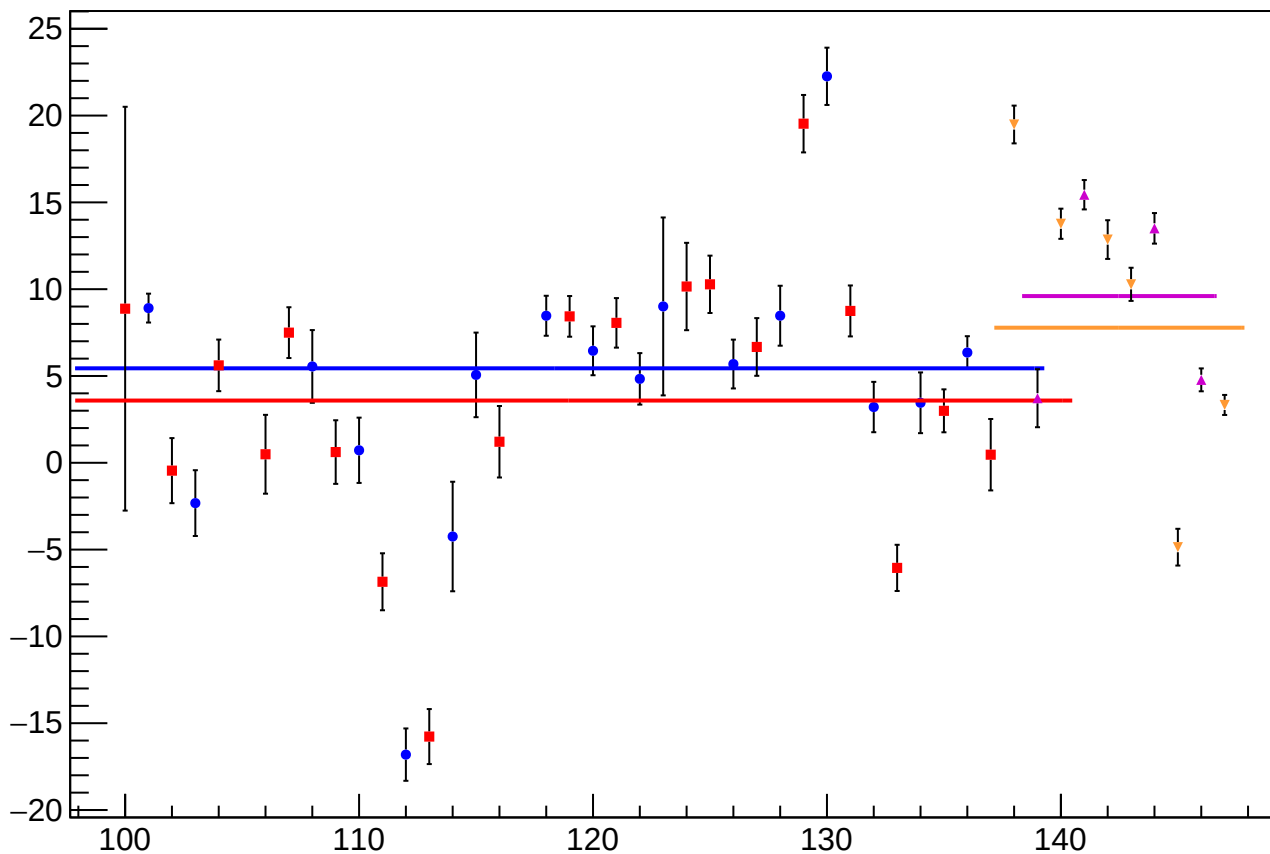
Left In: 70.346 $\pm$ 0.498 χ^2 /NDF: 161.6/3

+ sign 70.555 $\pm$ 0.344 χ^2 /NDF: 2967.9/22

All: 72.614 $\pm$ 0.255 χ^2 /NDF: 5004.0/45

- sign 75.141 $\pm$ 0.381 χ^2 /NDF: 1956.3/22

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.442 ± 0.357 χ^2/NDF : 387.5/16

Left Out: 7.781 ± 0.354 χ^2/NDF : 392.9/5

Right Out: 3.585 ± 0.375 χ^2/NDF : 423.2/18

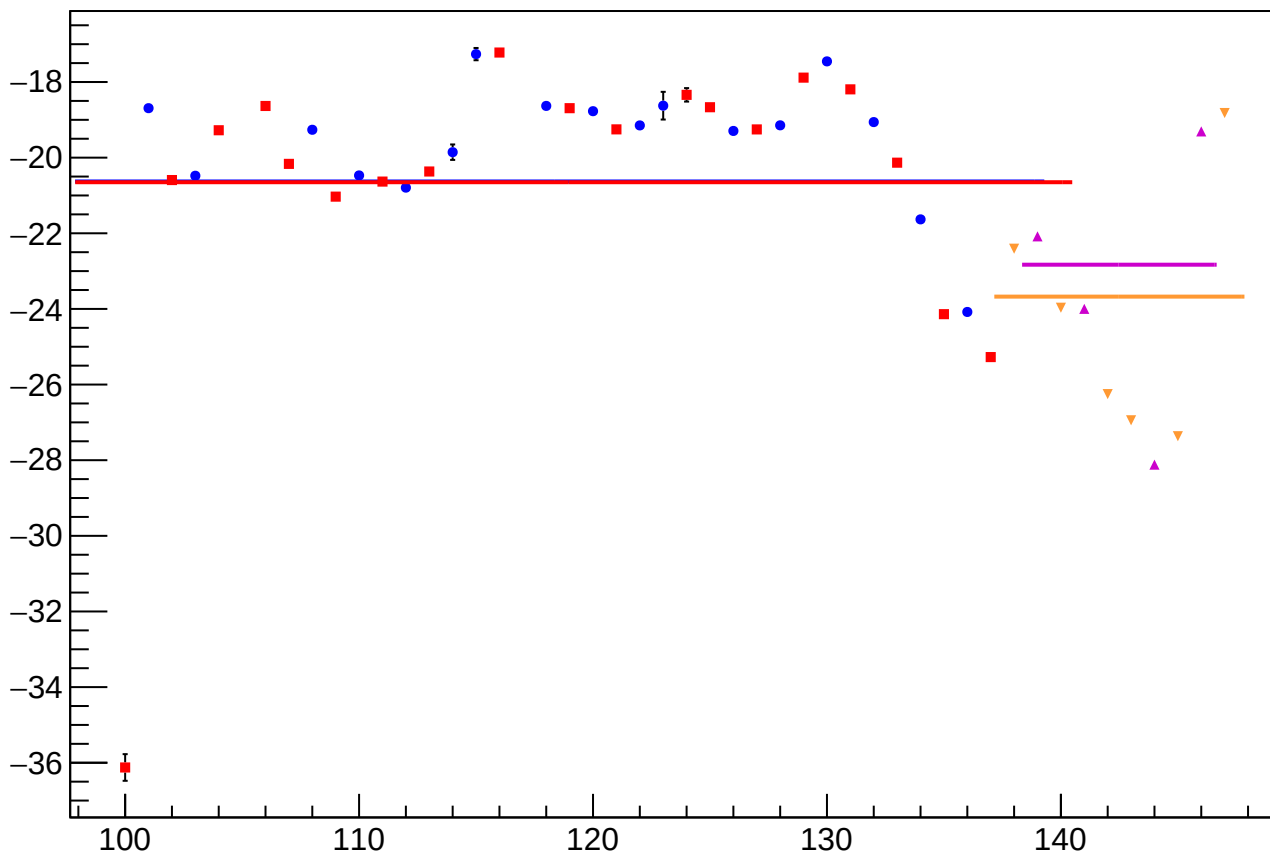
Left In: 9.603 ± 0.433 χ^2/NDF : 133.2/3

+ sign 6.621 ± 0.252 χ^2/NDF : 802.0/22

All: 6.422 ± 0.188 χ^2/NDF : 1470.2/45

- sign 6.169 ± 0.283 χ^2/NDF : 666.8/22

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.630 ± 0.019 χ^2/NDF : 12490.5/16

Left Out: -23.675 ± 0.018 χ^2/NDF : 29506.7/5

Right Out: -20.650 ± 0.019 χ^2/NDF : 13885.7/18

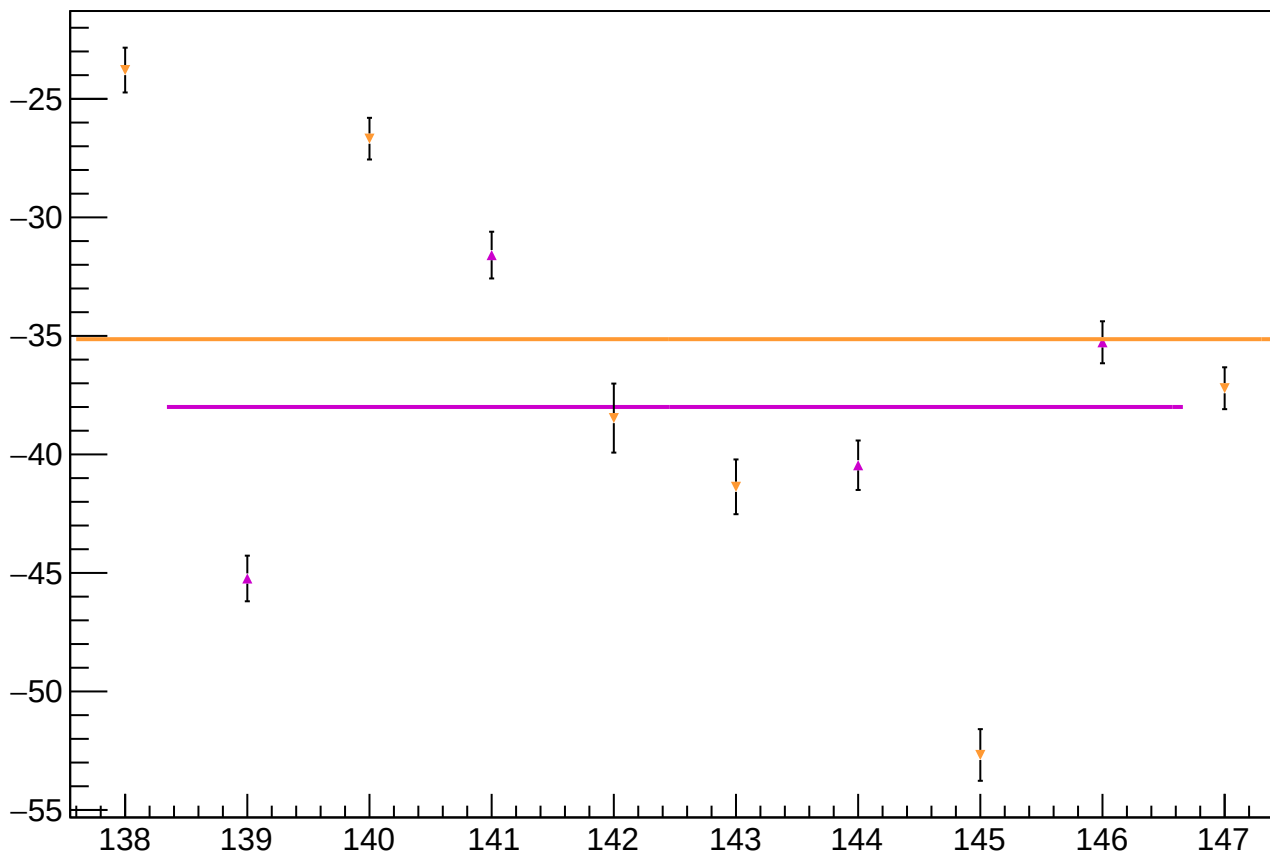
Left In: -22.831 ± 0.021 χ^2/NDF : 21092.6/3

+ sign -22.244 ± 0.013 χ^2/NDF : 55213.2/22

All: -21.981 ± 0.010 χ^2/NDF : 96998.0/45

- sign -21.681 ± 0.014 χ^2/NDF : 40937.0/22

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.138+/-0.417 χ^2/NDF : 535.9/5

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

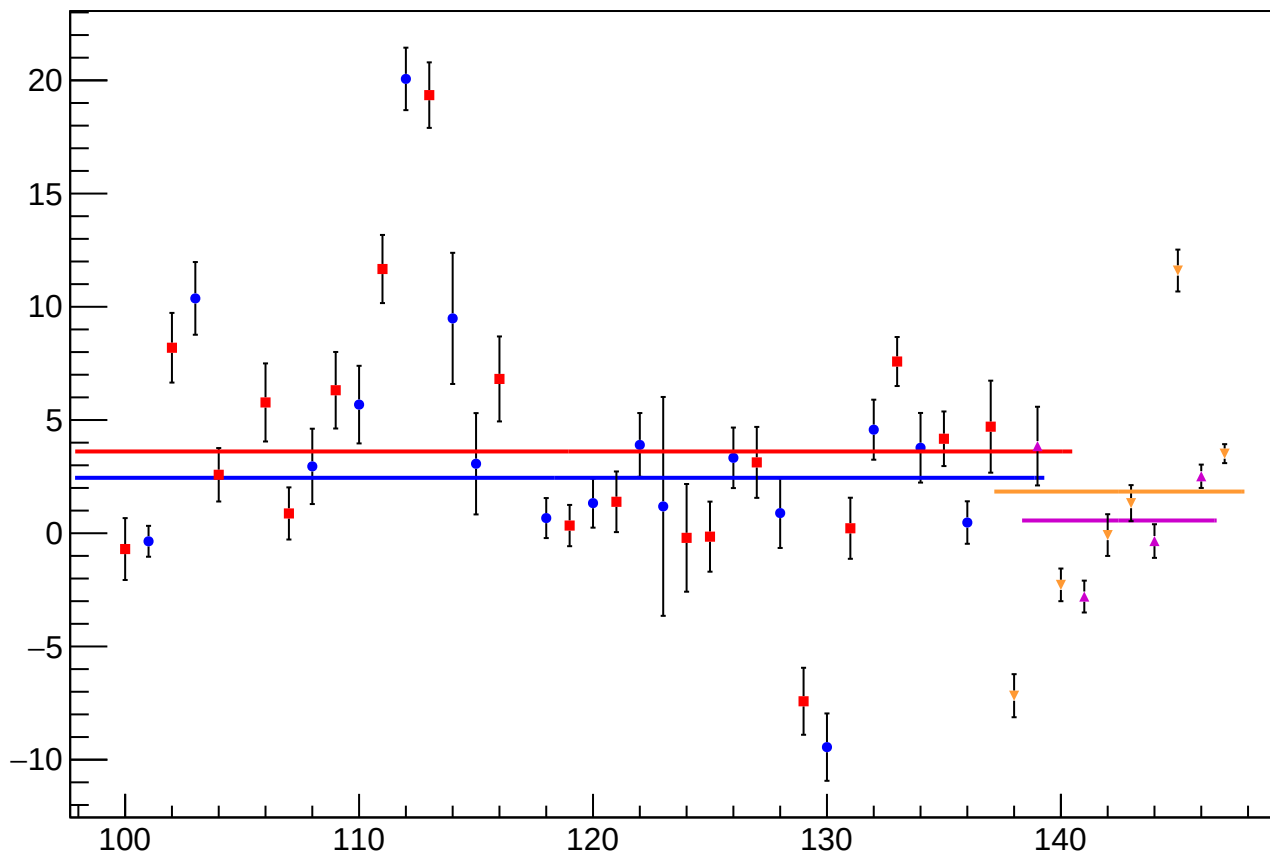
Left In: -37.998+/-0.482 χ^2/NDF : 113.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.361+/-0.315 χ^2/NDF : 669.8/9

- 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: 1.841 ± 0.281 χ^2/NDF : 254.6/5

Right Out: 3.611 ± 0.318 χ^2/NDF : 279.4/18

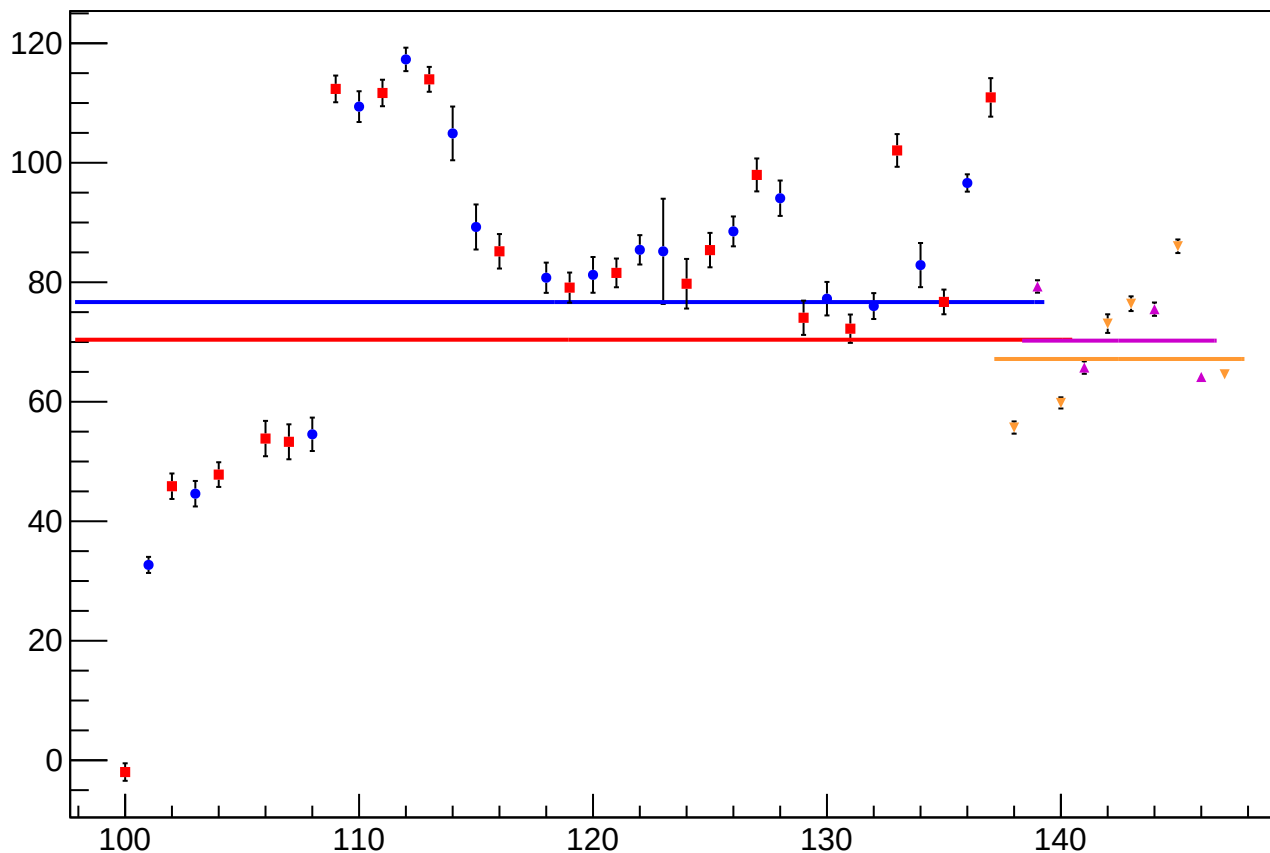
Left In: 0.563 ± 0.355 χ^2/NDF : 42.2/3

+ sign 2.113 ± 0.209 χ^2/NDF : 550.1/22

All: 2.175 ± 0.157 χ^2/NDF : 912.7/45

- sign 2.254 ± 0.237 χ^2/NDF : 362.4/22

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 $\pm$ 0.574 χ^2 /NDF: 2265.1/16

Left Out: 67.161 $\pm$ 0.430 χ^2 /NDF: 542.4/5

Right Out: 70.386 $\pm$ 0.550 χ^2 /NDF: 4391.1/18

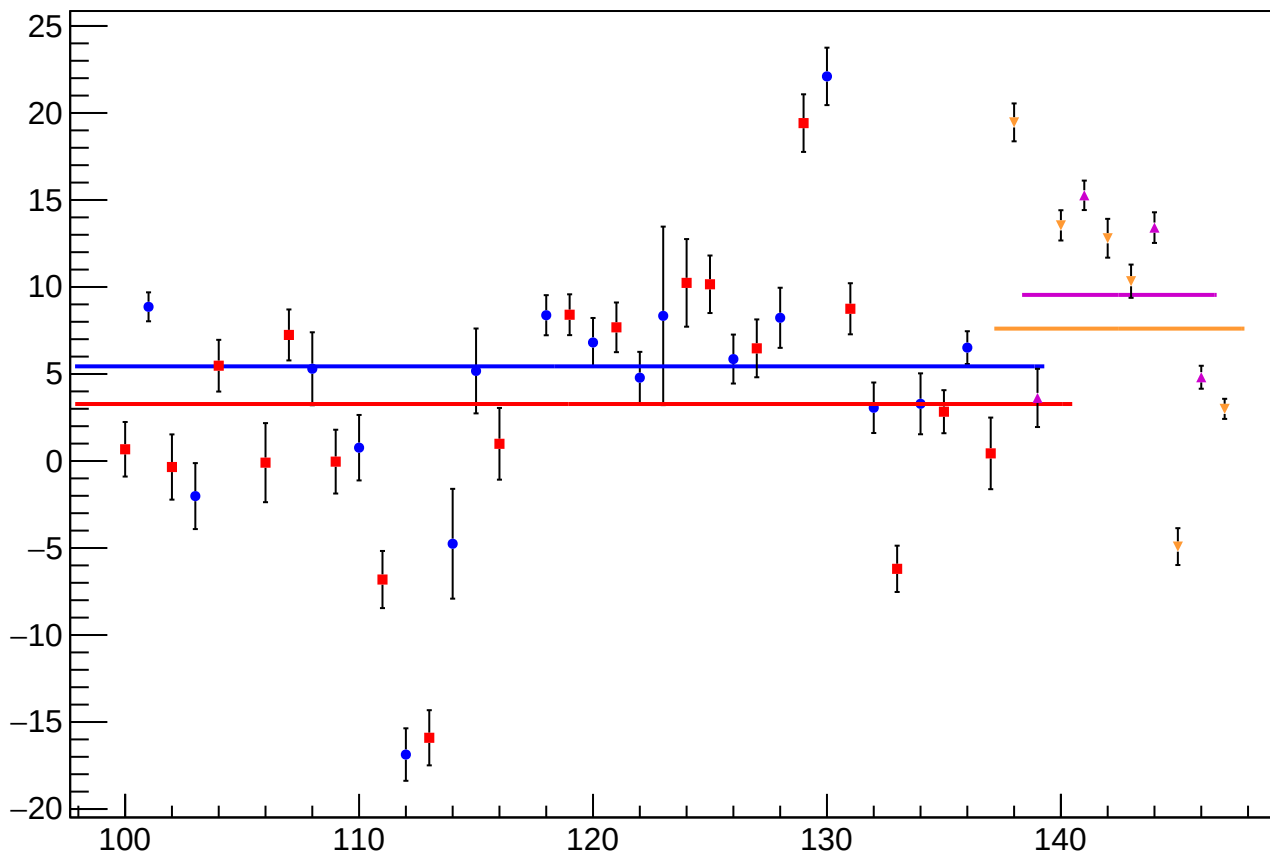
Left In: 70.231 $\pm$ 0.498 χ^2 /NDF: 168.1/3

+ sign 70.589 $\pm$ 0.344 χ^2 /NDF: 2984.1/22

All: 70.455 $\pm$ 0.252 χ^2 /NDF: 7543.7/45

- sign 70.301 $\pm$ 0.369 χ^2 /NDF: 4559.3/22

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.439 $\pm$ 0.357 χ^2 /NDF: 385.9/16

Left Out: 7.608 $\pm$ 0.354 χ^2 /NDF: 398.6/5

Right Out: 3.275 $\pm$ 0.365 χ^2 /NDF: 425.8/18

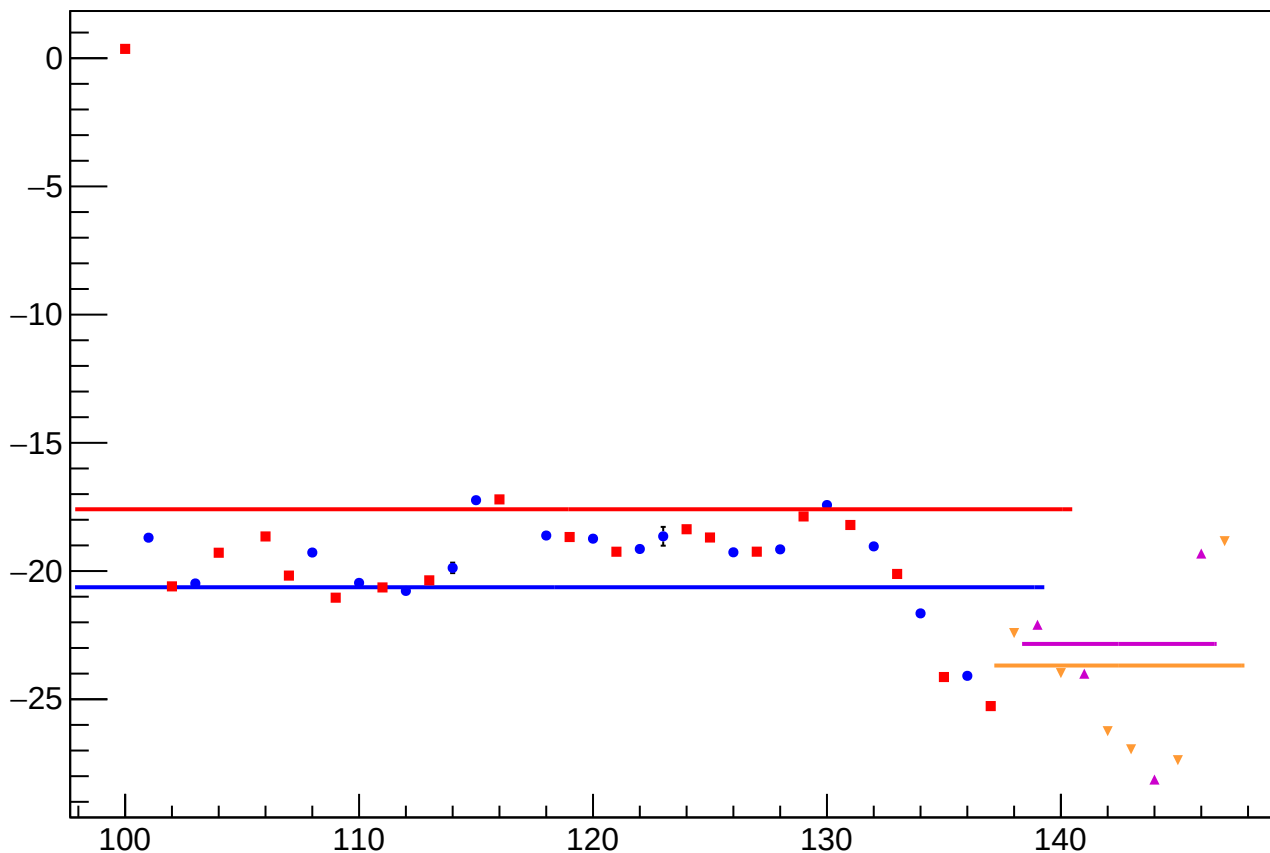
Left In: 9.545 $\pm$ 0.433 χ^2 /NDF: 128.9/3

+ sign 6.533 $\pm$ 0.252 χ^2 /NDF: 803.1/22

All: 6.242 $\pm$ 0.187 χ^2 /NDF: 1483.3/45

- sign 5.883 $\pm$ 0.279 χ^2 /NDF: 677.2/22

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12530.8/16$

Left Out: -23.684 ± 0.018 $\chi^2/\text{NDF}: 29412.2/5$

Right Out: -17.591 ± 0.018 $\chi^2/\text{NDF}: 178680.7/18$

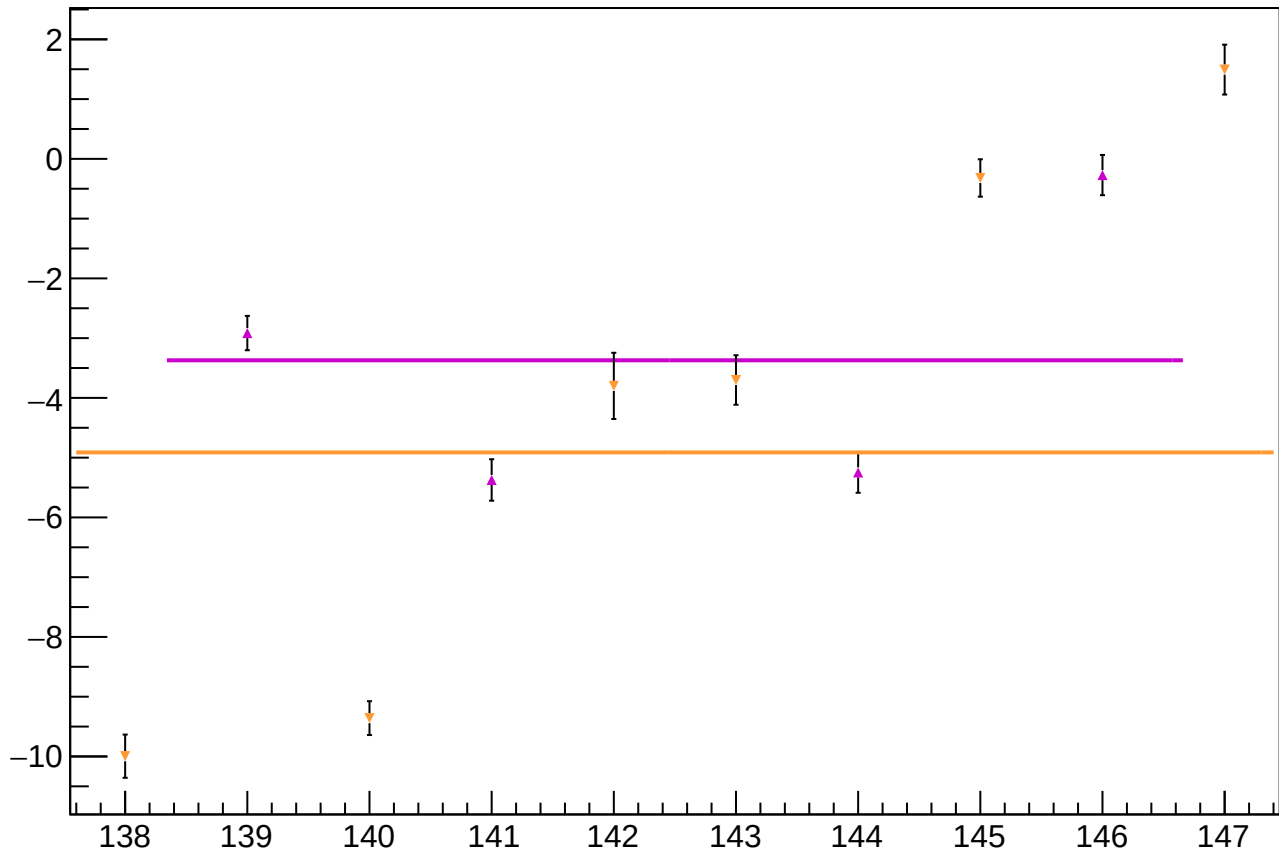
Left In: -22.842 ± 0.021 $\chi^2/\text{NDF}: 21060.3/3$

+ sign -22.249 ± 0.013 $\chi^2/\text{NDF}: 55219.2/22$

All: -21.090 ± 0.009 $\chi^2/\text{NDF}: 307662.6/45$

- sign -19.875 ± 0.014 $\chi^2/\text{NDF}: 236706.0/22$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -4.912+/-0.149 χ^2/NDF : 908.1/5

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

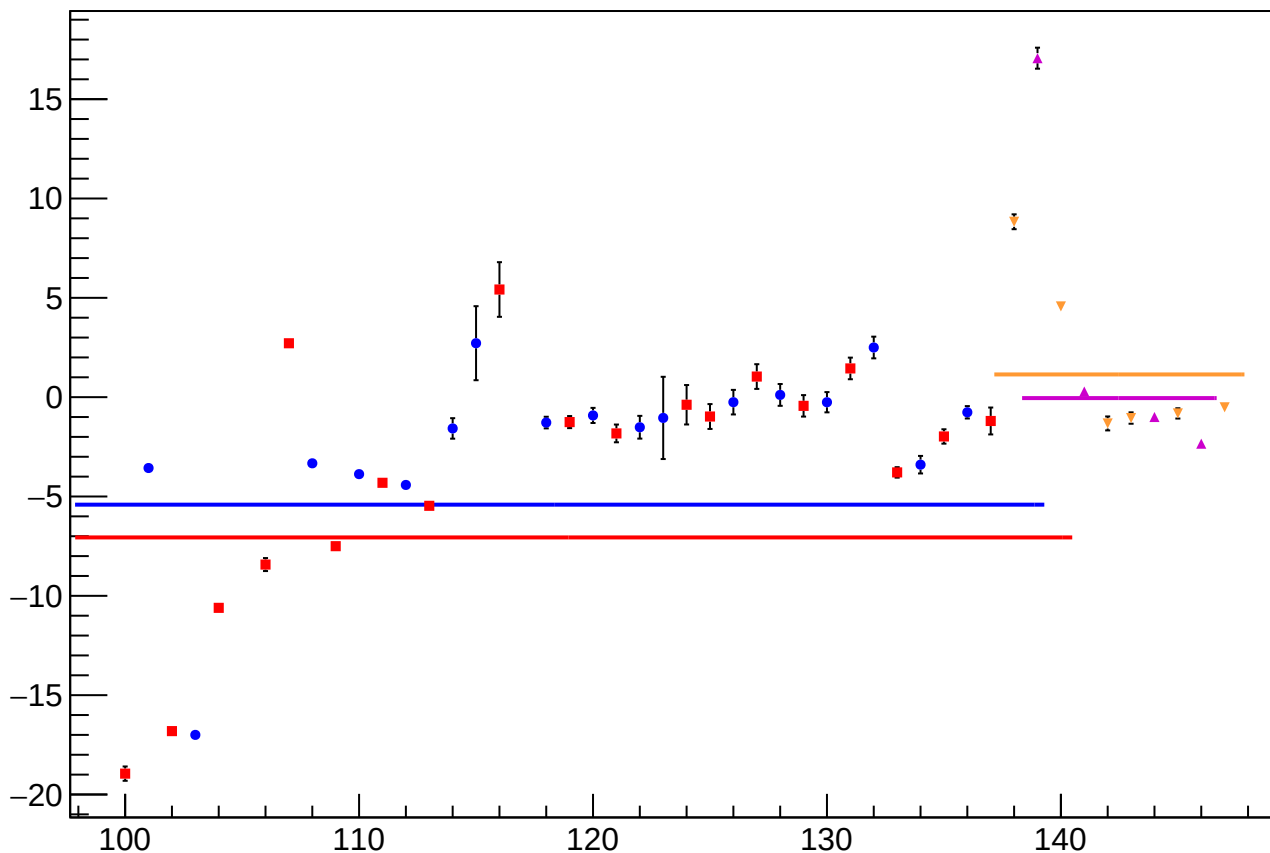
Left In: -3.371+/-0.162 χ^2/NDF : 151.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

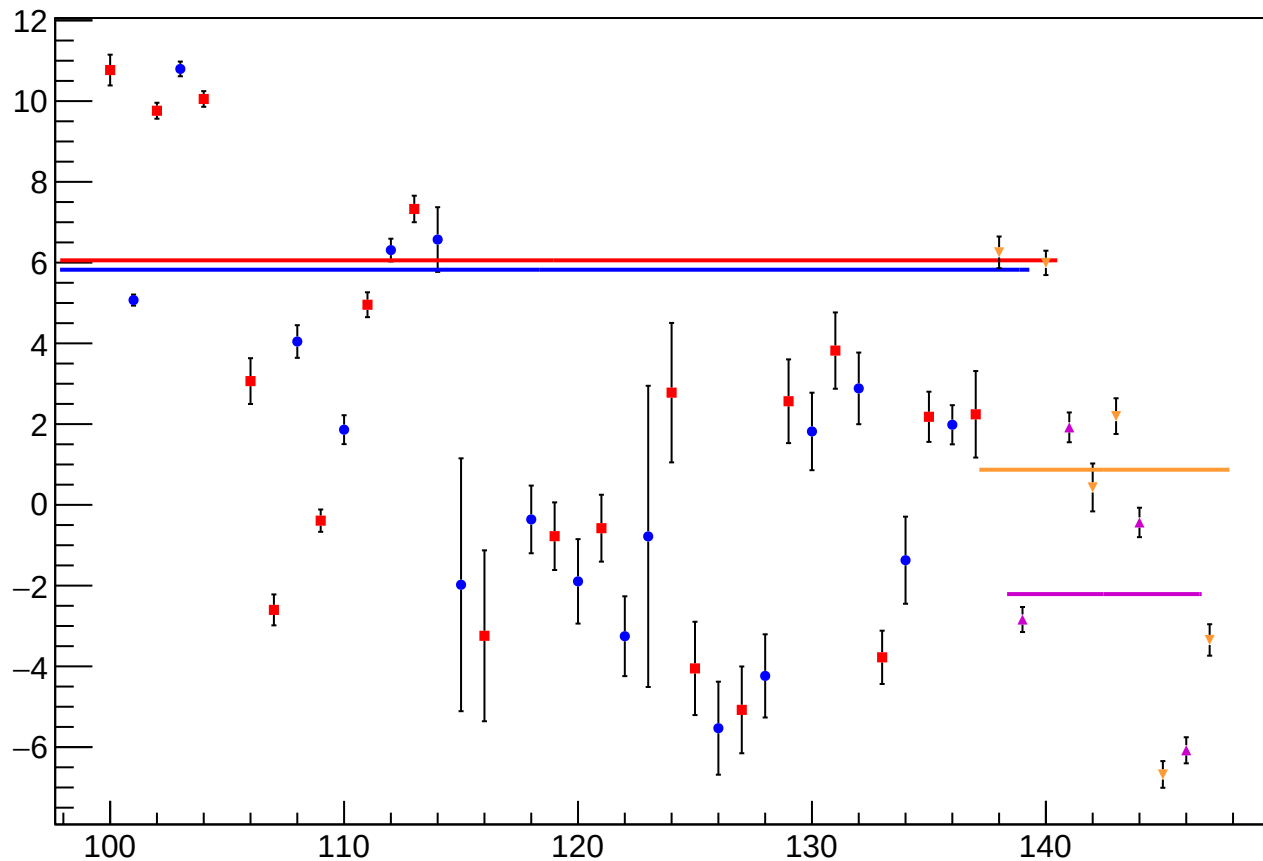
All: -4.209+/-0.110 χ^2/NDF : 1108.0/9

- sign 0.000+/-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: 0.870 ± 0.156 χ^2/NDF : 1125.0/5

Right Out: 6.056 ± 0.093 χ^2/NDF : 2668.9/18

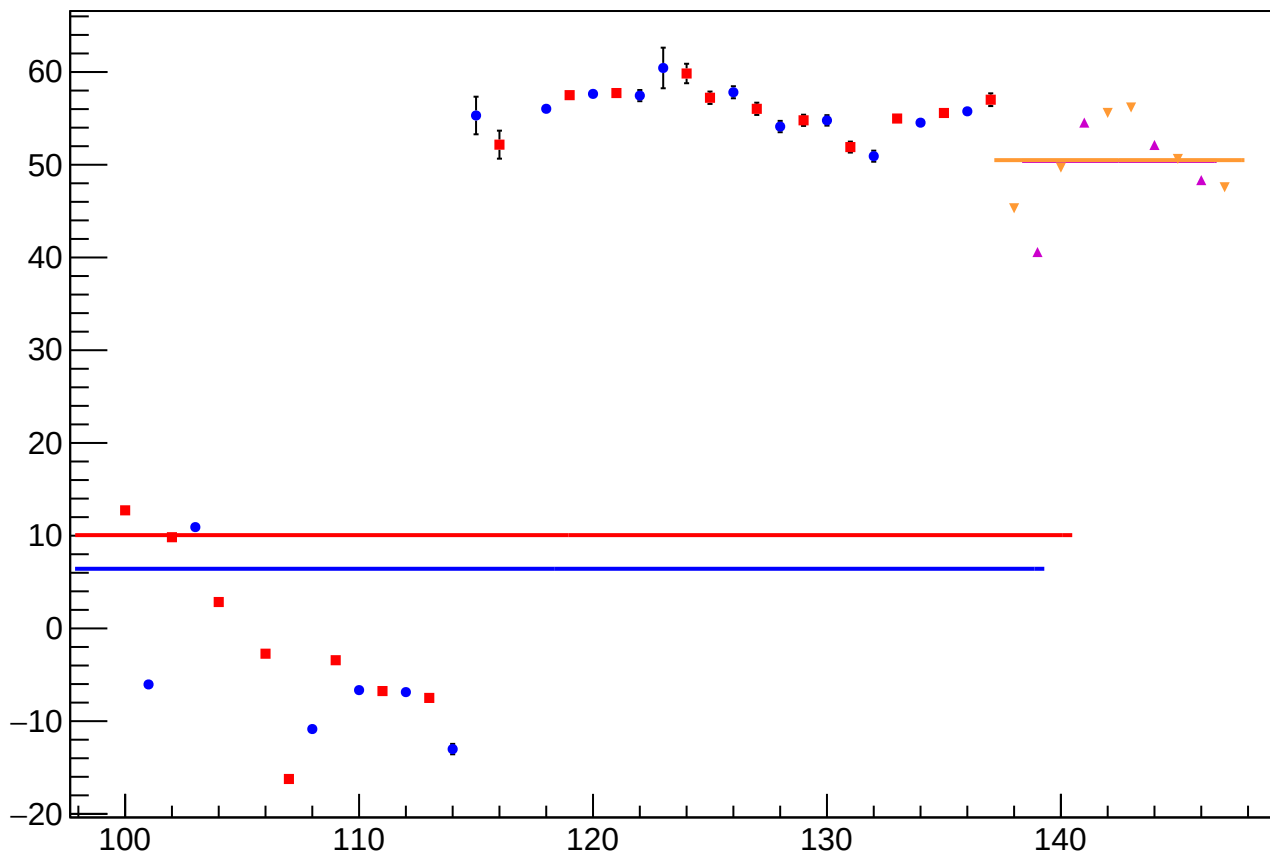
Left In: -2.210 ± 0.169 χ^2/NDF : 296.6/3

+ sign 4.593 ± 0.078 χ^2/NDF : 3337.2/22

All: 4.374 ± 0.056 χ^2/NDF : 8147.0/45

- sign 4.131 ± 0.082 χ^2/NDF : 4793.0/22

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.432 $\pm$ 0.065 χ^2/NDF : 123486.3/16

Left Out: 50.497 $\pm$ 0.133 χ^2/NDF : 687.9/5

Right Out: 10.060 $\pm$ 0.070 χ^2/NDF : 121816.0/18

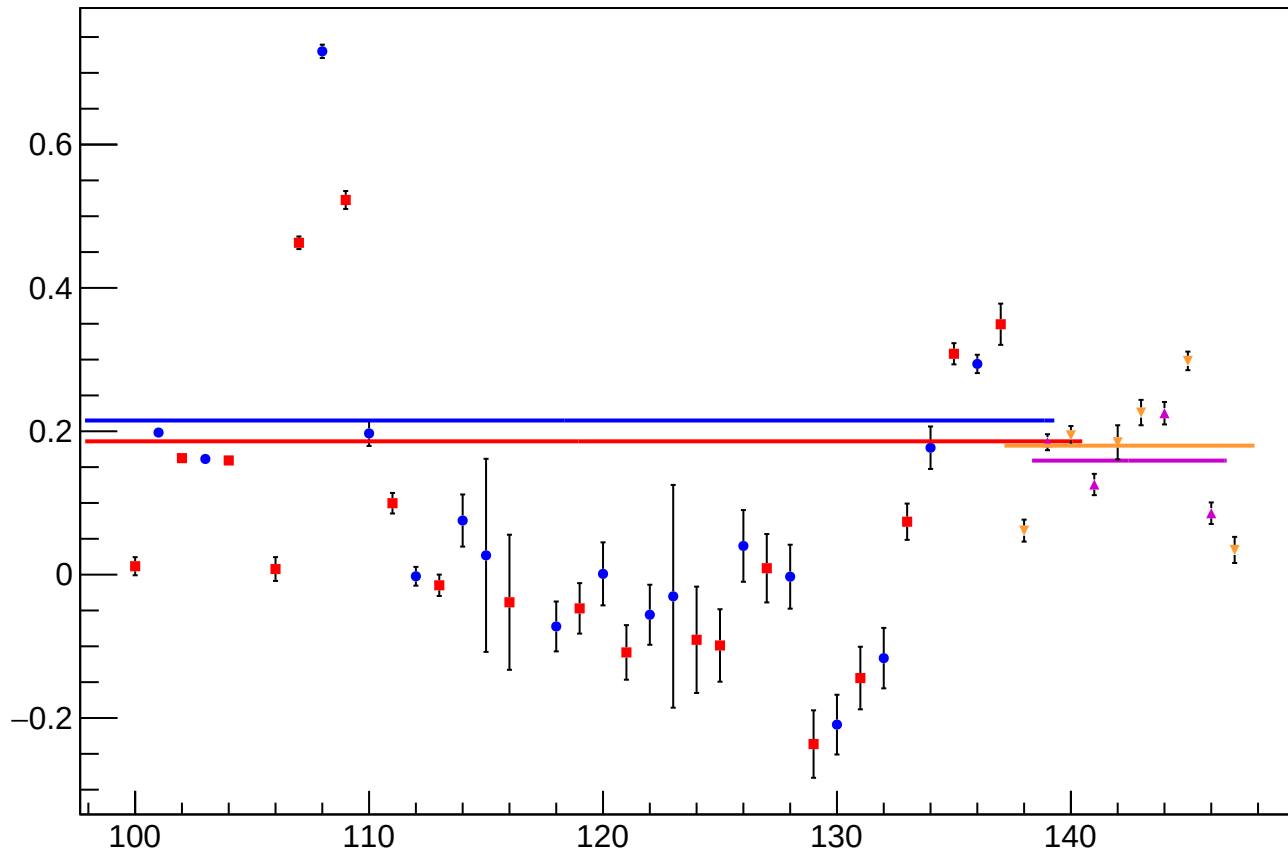
Left In: 50.408 $\pm$ 0.155 χ^2/NDF : 659.3/3

+ sign 14.873 $\pm$ 0.058 χ^2/NDF : 213031.7/22

All: 15.759 $\pm$ 0.043 χ^2/NDF : 392083.9/45

- sign 16.819 $\pm$ 0.064 χ^2/NDF : 178542.9/22

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3930.1/16$

Left Out: 0.180 ± 0.006 $\chi^2/\text{NDF}: 215.0/5$

Right Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 2720.3/18$

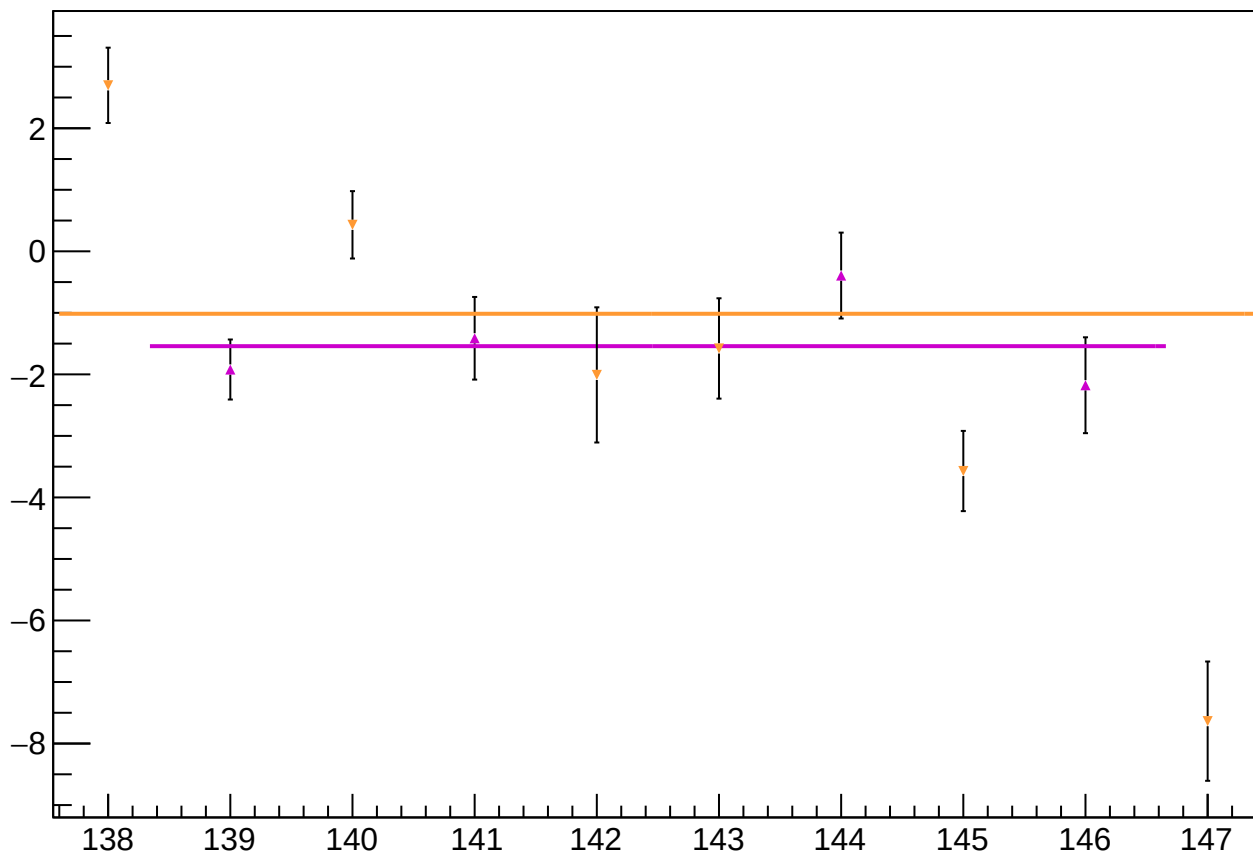
Left In: 0.159 ± 0.007 $\chi^2/\text{NDF}: 51.9/3$

+ sign 0.210 ± 0.003 $\chi^2/\text{NDF}: 4170.1/22$

All: 0.196 ± 0.002 $\chi^2/\text{NDF}: 7013.2/45$

- sign 0.182 ± 0.003 $\chi^2/\text{NDF}: 2785.4/22$

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -1.015+/-0.292 χ^2/NDF : 107.1/5

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

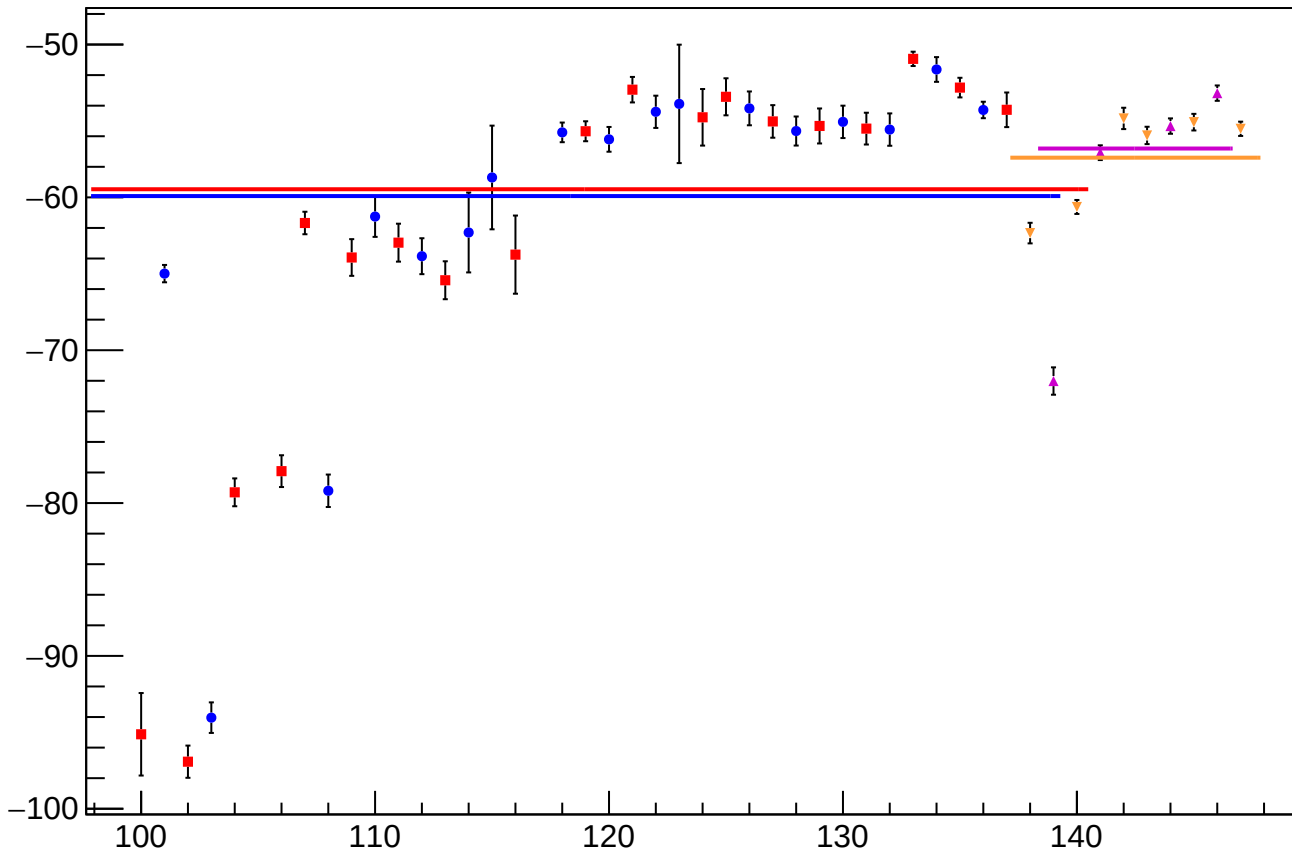
Left In: -1.542+/-0.314 χ^2/NDF : 4.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.259+/-0.214 χ^2/NDF : 112.6/9

- sign 0.000+/-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: -57.403 ± 0.223 χ^2/NDF : 158.1/5

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

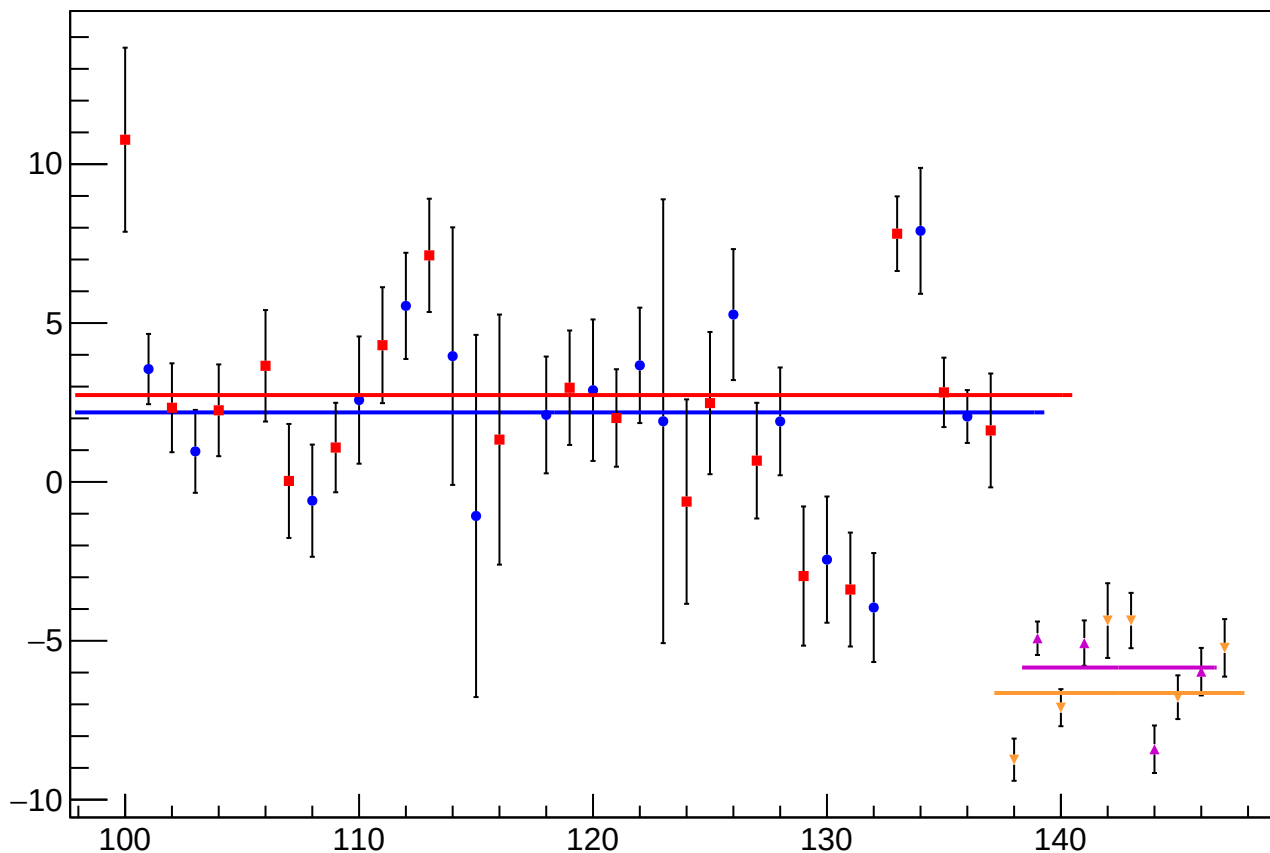
Left In: -56.804 ± 0.273 χ^2/NDF : 349.7/3

+ sign -58.659 ± 0.158 χ^2/NDF : 2201.0/22

All: -58.567 ± 0.115 χ^2/NDF : 5523.6/45

- sign -58.464 ± 0.167 χ^2/NDF : 3321.9/22

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.188 ± 0.404 χ^2/NDF : 39.1/16

Left Out: -6.643 ± 0.307 χ^2/NDF : 23.7/5

Right Out: 2.733 ± 0.388 χ^2/NDF : 58.9/18

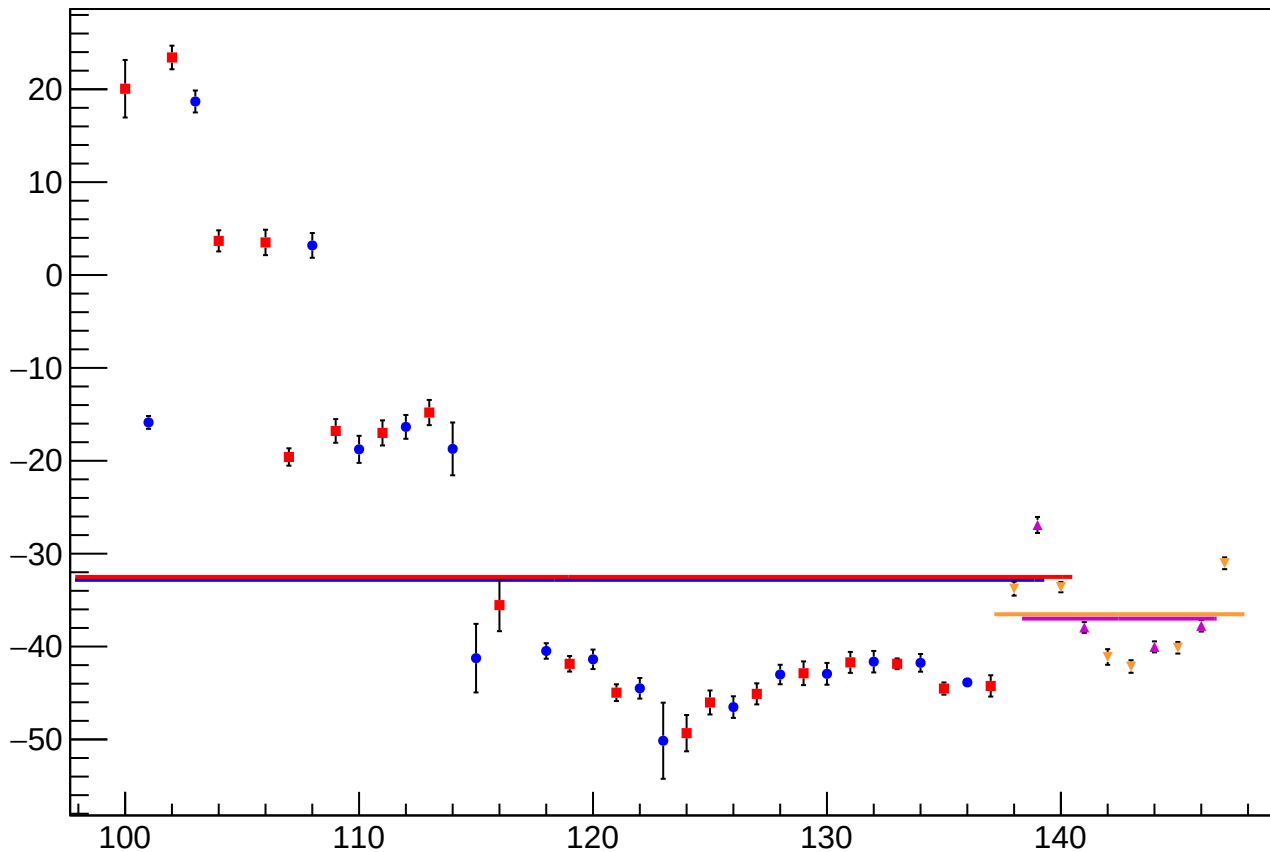
Left In: -5.842 ± 0.331 χ^2/NDF : 16.1/3

+ sign -3.405 ± 0.245 χ^2/NDF : 365.3/22

All: -2.833 ± 0.175 χ^2/NDF : 734.7/45

- sign -2.230 ± 0.252 χ^2/NDF : 358.2/22

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: -36.523 ± 0.270 $\chi^2/\text{NDF}: 248.1/5$

Right Out: -32.501 ± 0.244 $\chi^2/\text{NDF}: 6037.9/18$

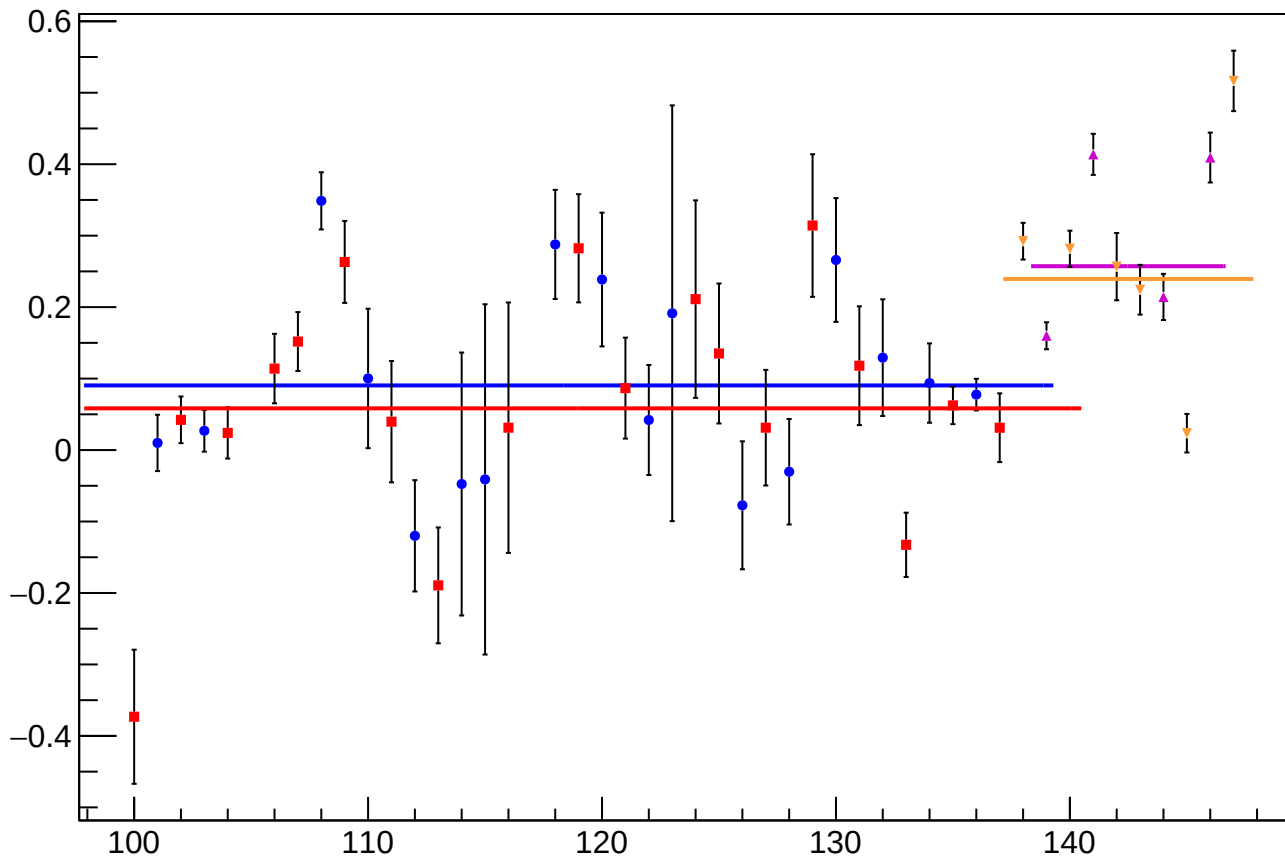
Left In: -36.989 ± 0.320 $\chi^2/\text{NDF}: 167.0/3$

+ sign -34.556 ± 0.185 $\chi^2/\text{NDF}: 5014.6/22$

All: -34.364 ± 0.134 $\chi^2/\text{NDF}: 11346.3/45$

- sign -34.152 ± 0.194 $\chi^2/\text{NDF}: 6329.4/22$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 ± 0.013 χ^2/NDF : 79.2/16

Left Out: 0.239 ± 0.013 χ^2/NDF : 114.3/5

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.3/18

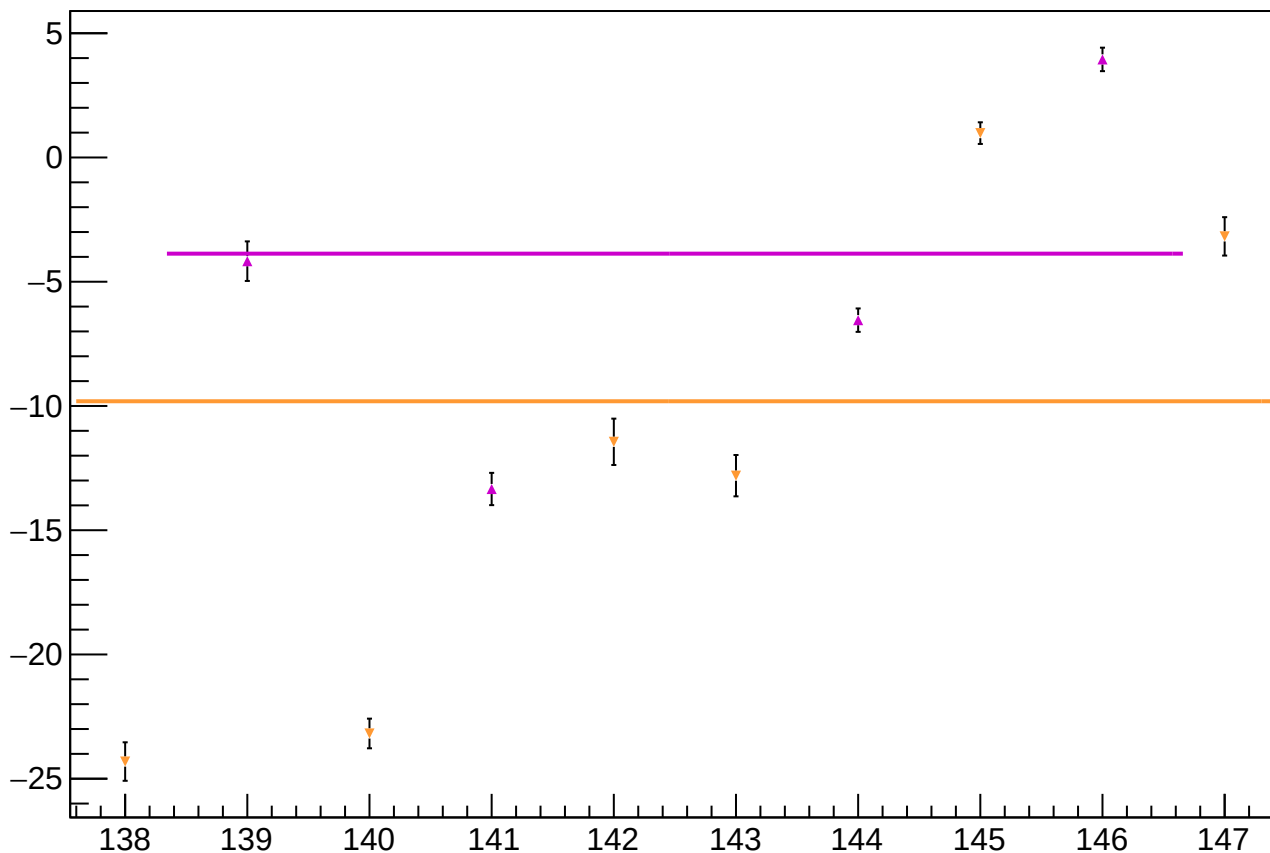
Left In: 0.257 ± 0.013 χ^2/NDF : 77.0/3

+ sign 0.166 ± 0.009 χ^2/NDF : 262.8/22

All: 0.158 ± 0.006 χ^2/NDF : 552.3/45

- sign 0.150 ± 0.009 χ^2/NDF : 287.9/22

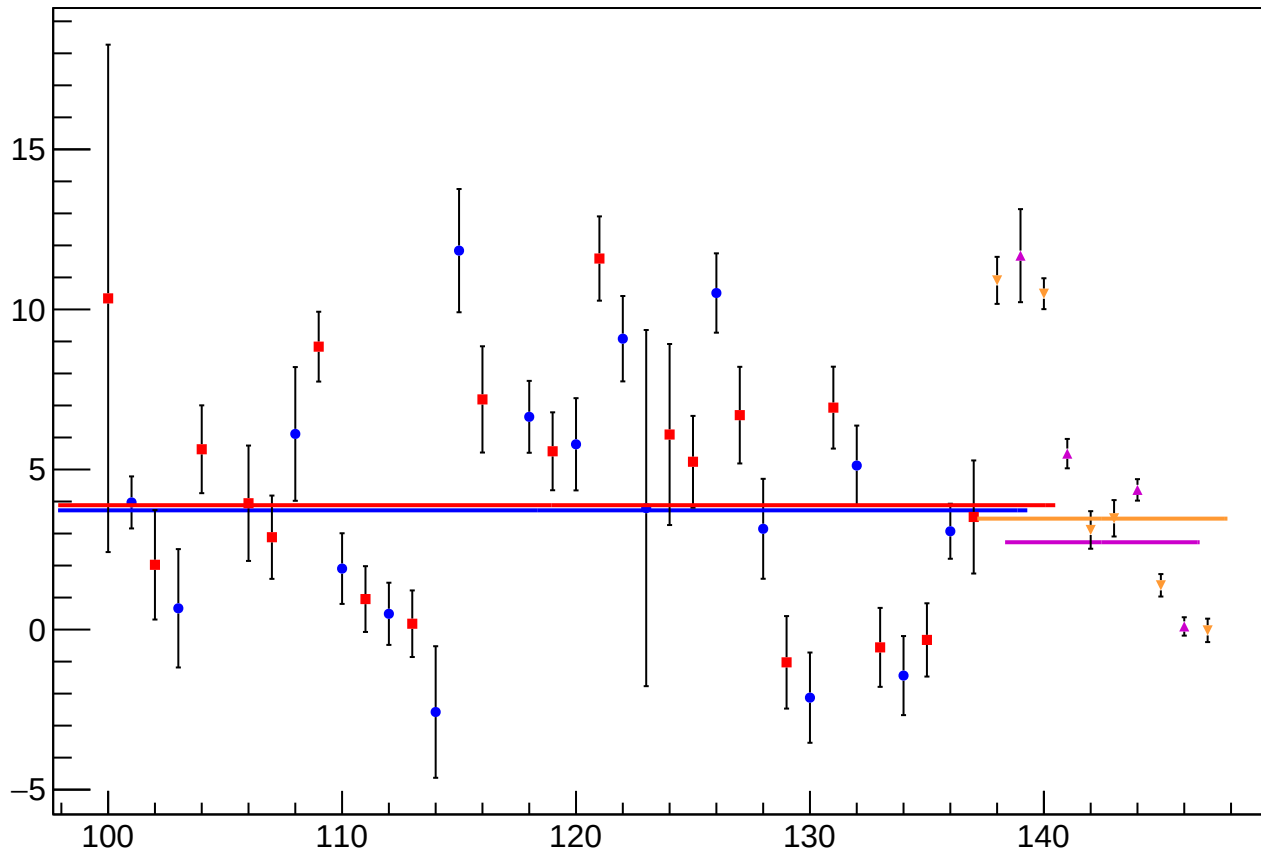
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.810+/-0.267 χ^2/NDF : 1554.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.870+/-0.278 χ^2/NDF : 518.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.958+/-0.193 χ^2/NDF : 2310.7/9
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.725 ± 0.308 χ^2/NDF : 136.8/16

Left Out: 3.466 ± 0.190 χ^2/NDF : 441.3/5

Right Out: 3.885 ± 0.316 χ^2/NDF : 134.4/18

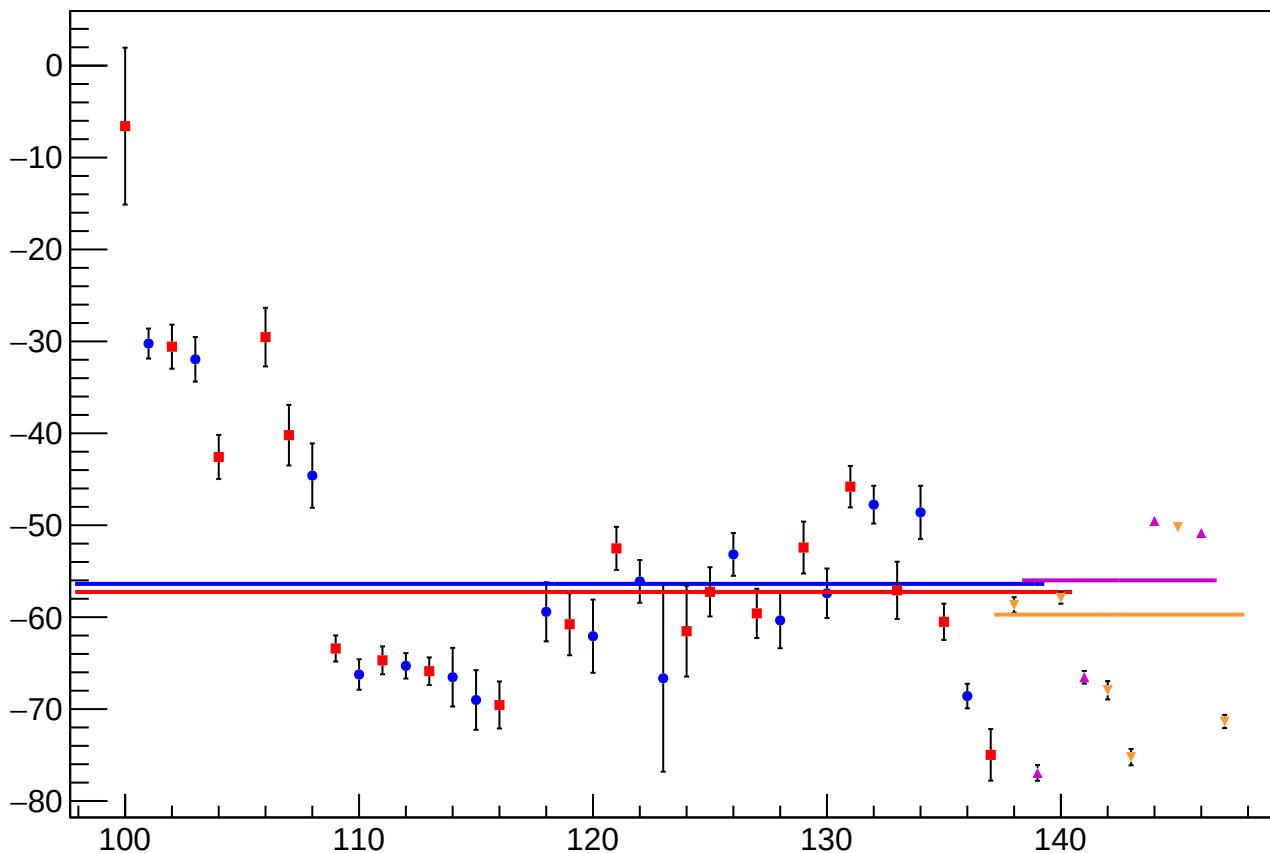
Left In: 2.728 ± 0.195 χ^2/NDF : 182.1/3

+ sign 3.537 ± 0.162 χ^2/NDF : 578.5/22

All: 3.298 ± 0.116 χ^2/NDF : 909.2/45

- sign 3.047 ± 0.166 χ^2/NDF : 326.2/22

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.379 ± 0.542 χ^2/NDF : 587.4/16

Left Out: -59.724 ± 0.280 χ^2/NDF : 1063.6/5

Right Out: -57.258 ± 0.536 χ^2/NDF : 476.1/18

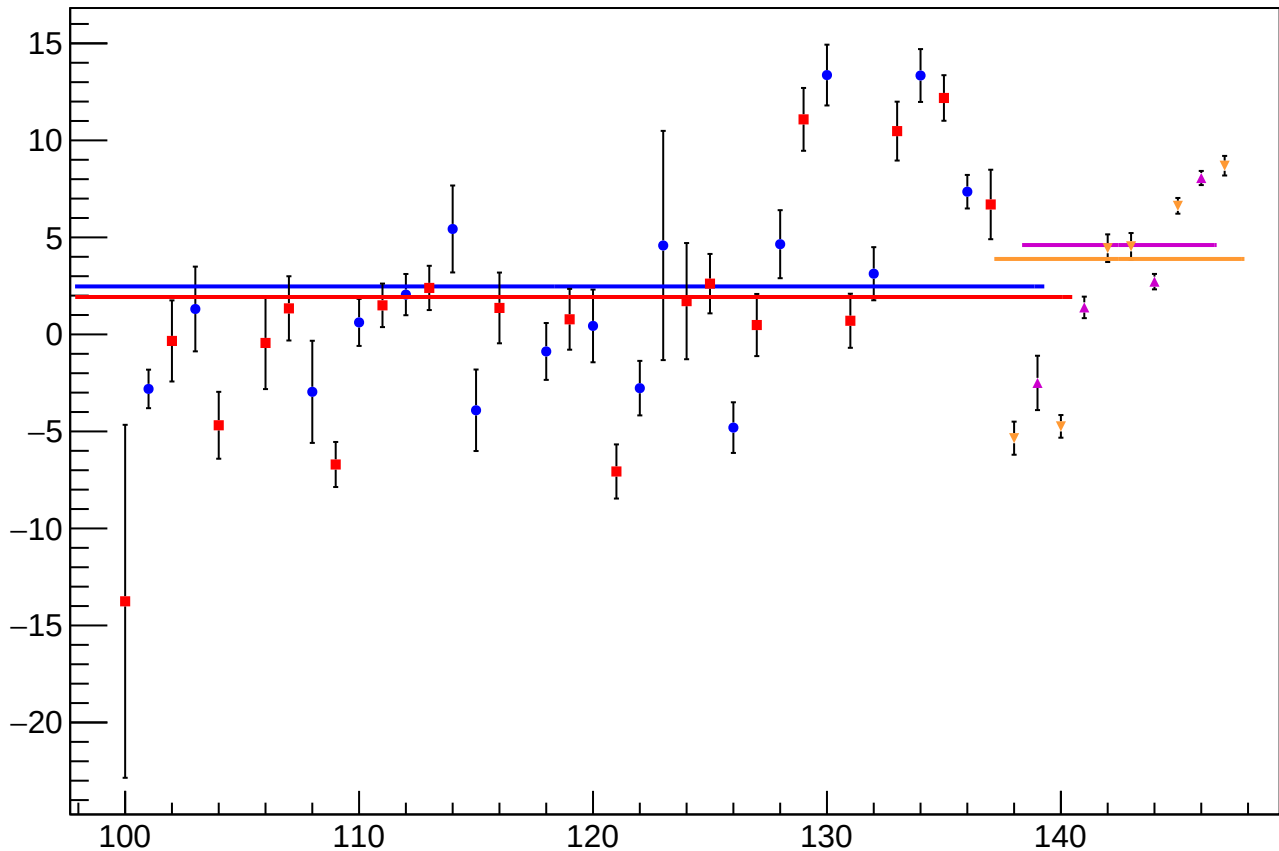
Left In: -55.998 ± 0.286 χ^2/NDF : 1118.4/3

+ sign -59.018 ± 0.249 χ^2/NDF : 1681.1/22

All: -57.667 ± 0.177 χ^2/NDF : 3339.7/45

- sign -56.277 ± 0.252 χ^2/NDF : 1598.8/22

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 $\pm$ 0.345 χ^2 /NDF: 243.6/16

Left Out: 3.889 $\pm$ 0.233 χ^2 /NDF: 473.2/5

Right Out: 1.928 $\pm$ 0.355 χ^2 /NDF: 266.6/18

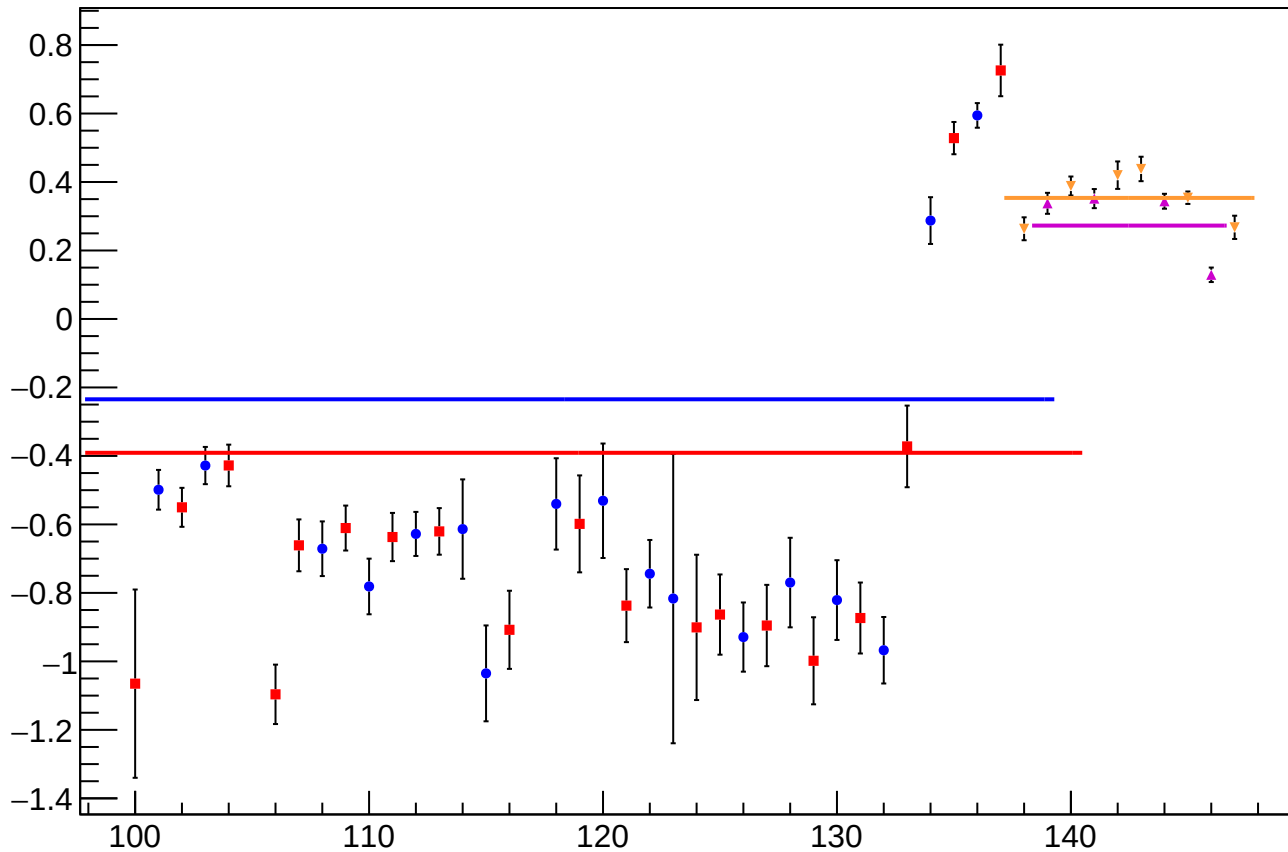
Left In: 4.607 $\pm$ 0.238 χ^2 /NDF: 171.7/3

+ sign 3.446 $\pm$ 0.193 χ^2 /NDF: 728.3/22

All: 3.606 $\pm$ 0.138 χ^2 /NDF: 1207.3/45

- sign 3.774 $\pm$ 0.198 χ^2 /NDF: 477.6/22

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.235 ± 0.019 χ^2/NDF : 958.4/16

Left Out: 0.354 ± 0.012 χ^2/NDF : 23.6/5

Right Out: -0.391 ± 0.019 χ^2/NDF : 853.3/18

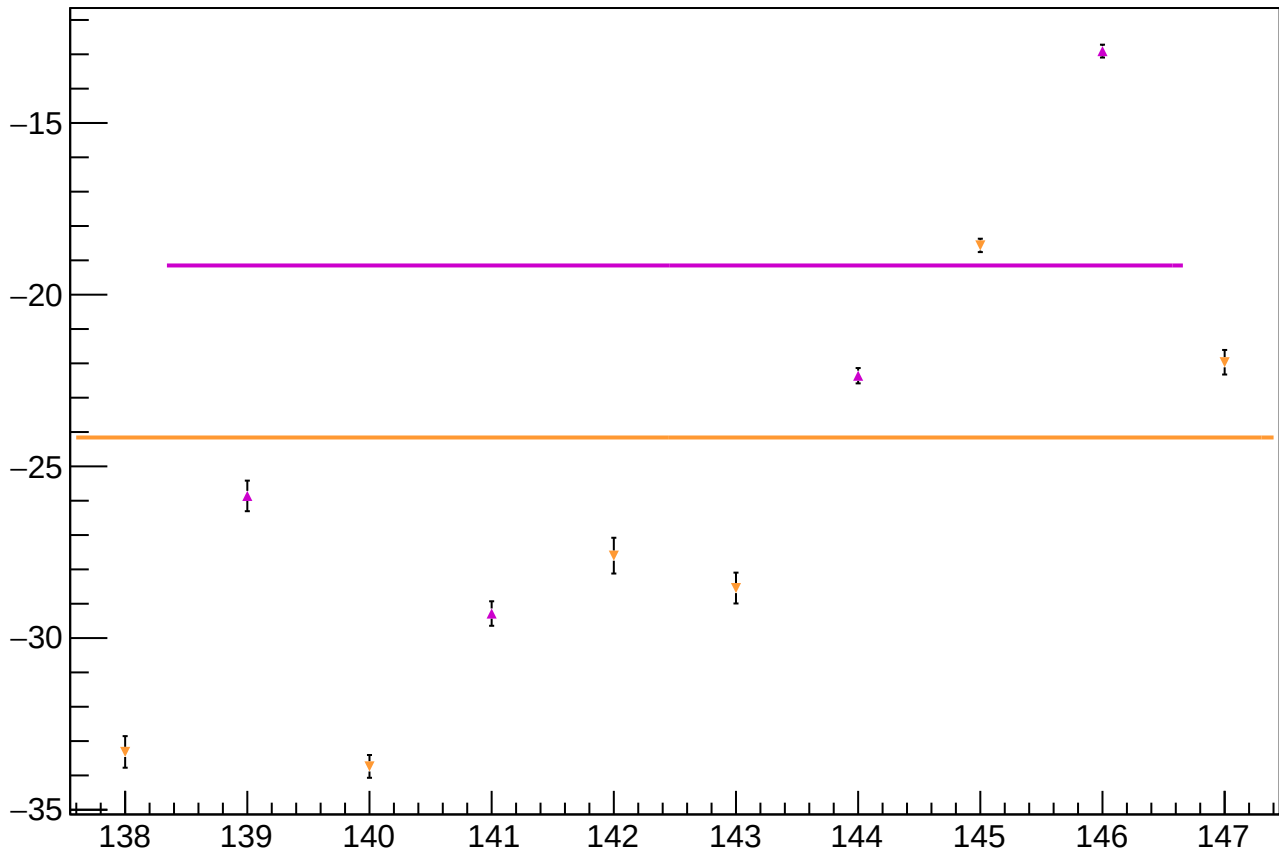
Left In: 0.273 ± 0.012 χ^2/NDF : 69.2/3

+ sign 0.193 ± 0.010 χ^2/NDF : 1688.3/22

All: 0.138 ± 0.007 χ^2/NDF : 3541.9/45

- sign 0.078 ± 0.010 χ^2/NDF : 1788.0/22

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -24.159 $\pm$ 0.133 χ^2 /NDF: 2229.8/5

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

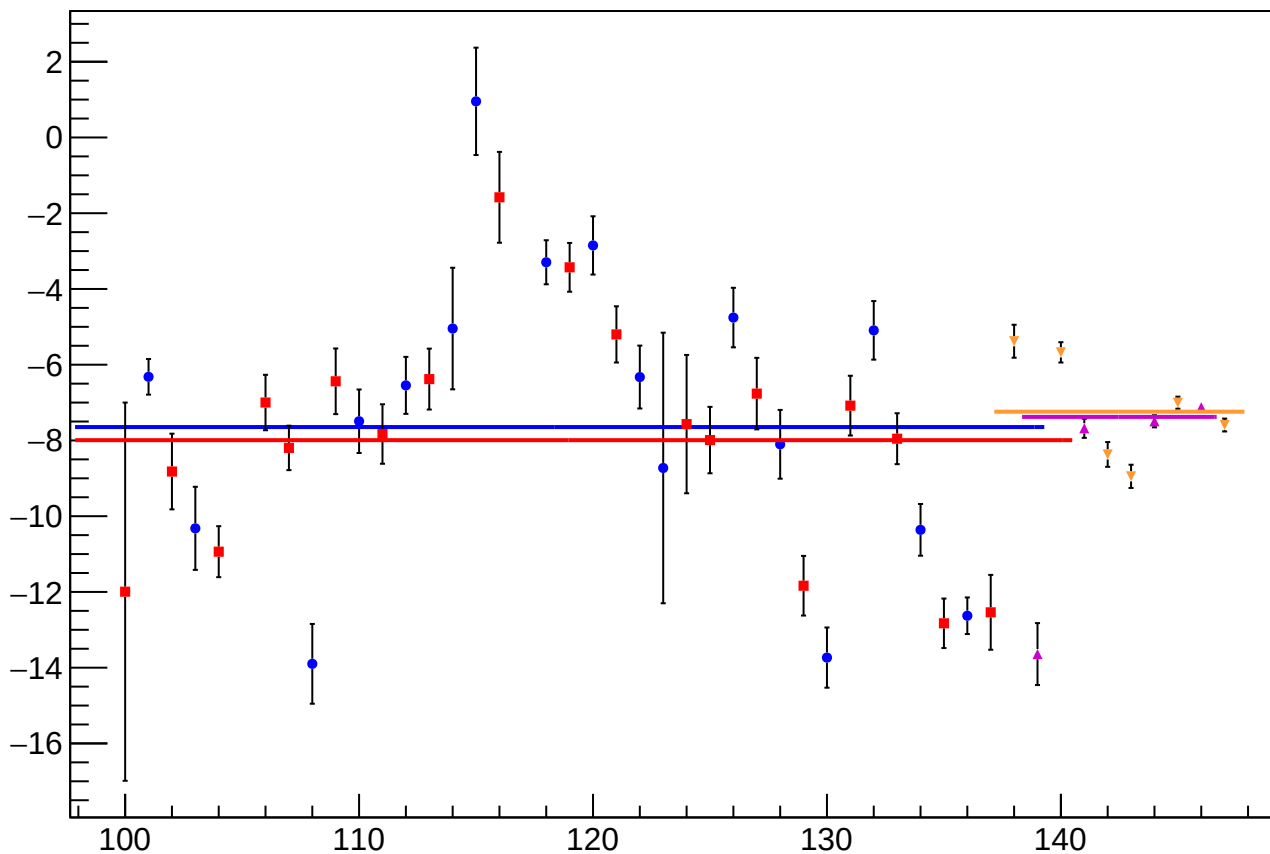
Left In: -19.149 $\pm$ 0.128 χ^2 /NDF: 2349.7/3

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

All: -21.552 $\pm$ 0.092 χ^2 /NDF: 5318.8/9

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

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 $\chi^2/\text{NDF}: 393.6/16$

Left Out: -7.241 ± 0.094 $\chi^2/\text{NDF}: 101.9/5$

Right Out: -7.992 ± 0.186 $\chi^2/\text{NDF}: 225.5/18$

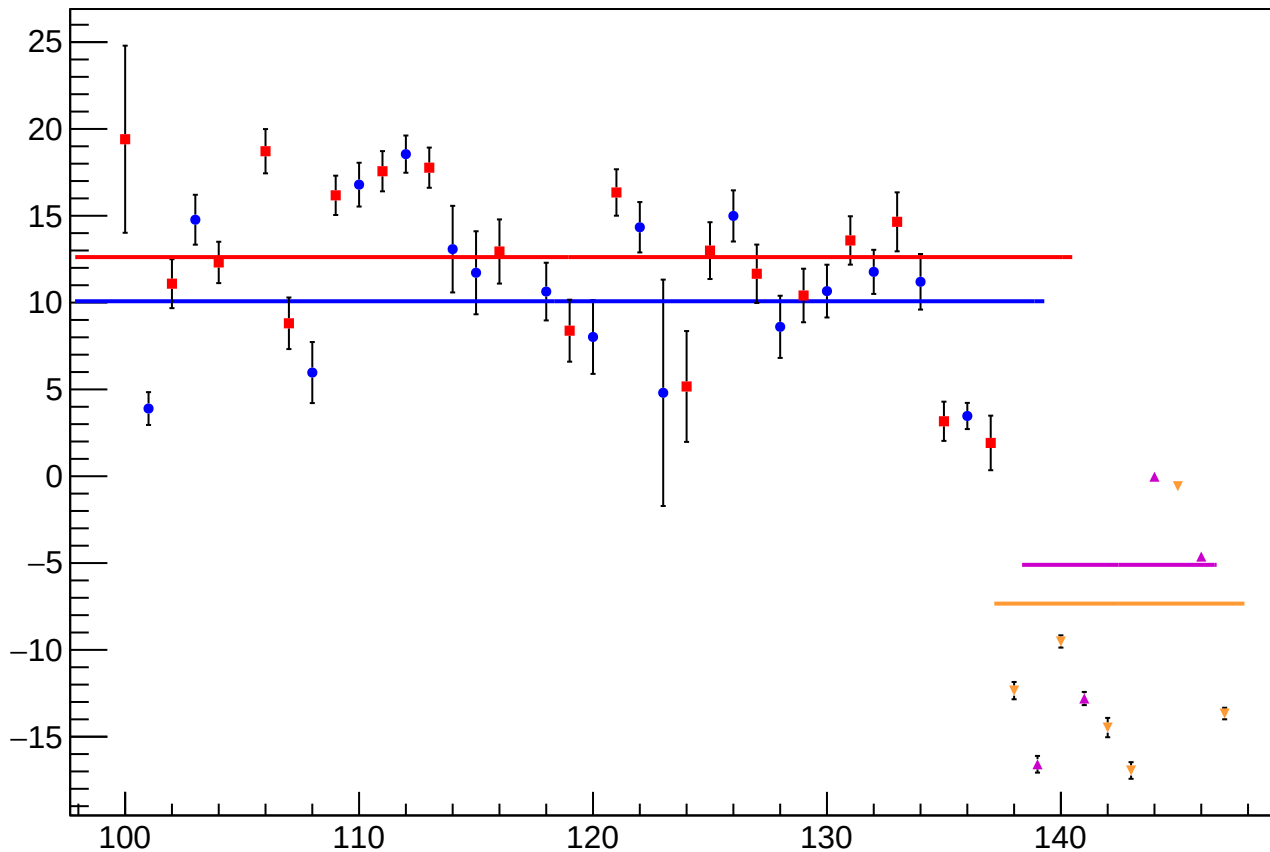
Left In: -7.378 ± 0.088 $\chi^2/\text{NDF}: 65.4/3$

+ sign -7.323 ± 0.084 $\chi^2/\text{NDF}: 499.3/22$

All: -7.411 ± 0.058 $\chi^2/\text{NDF}: 801.2/45$

- sign -7.490 ± 0.079 $\chi^2/\text{NDF}: 299.8/22$

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.077 ± 0.337 χ^2/NDF : 252.8/16

Left Out: -7.335 ± 0.139 χ^2/NDF : 2140.9/5

Right Out: 12.620 ± 0.332 χ^2/NDF : 220.0/18

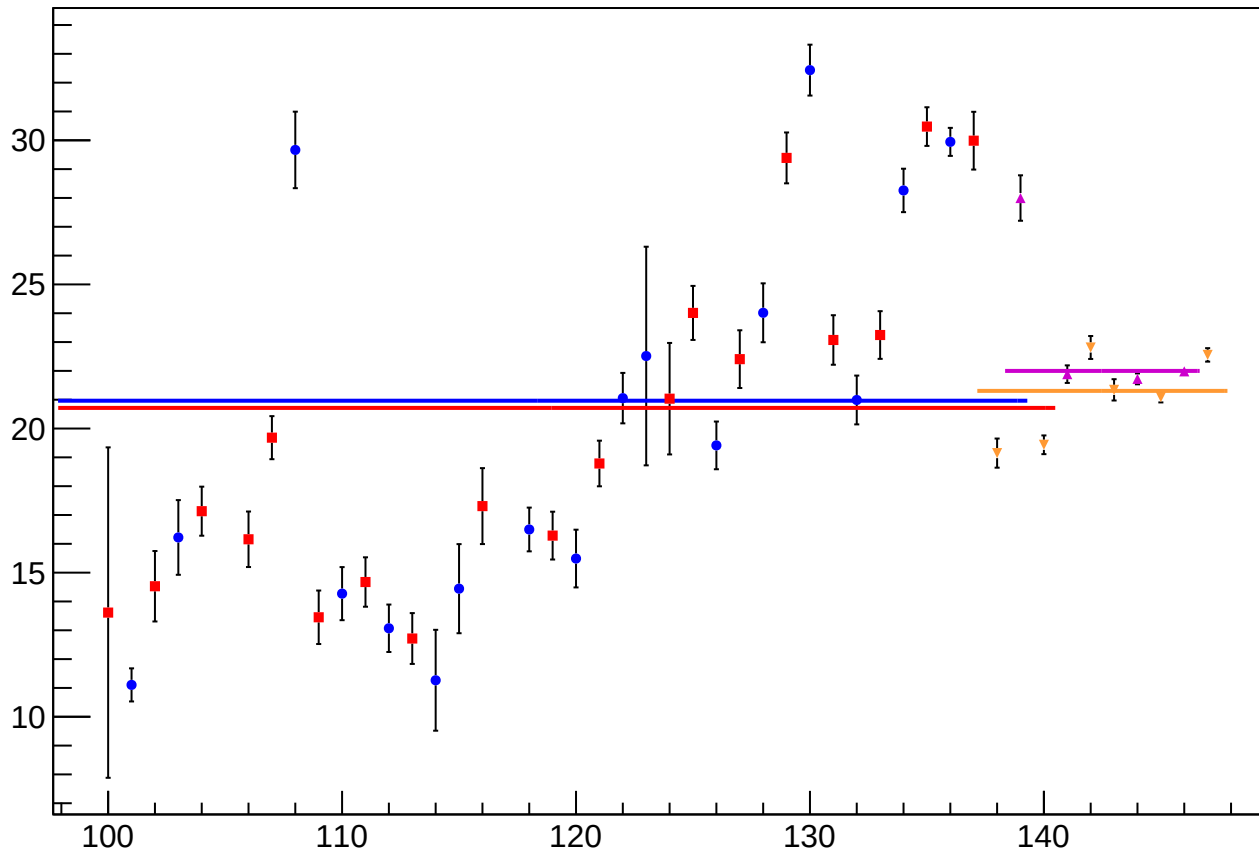
Left In: -5.102 ± 0.130 χ^2/NDF : 1438.3/3

+ sign -4.816 ± 0.128 χ^2/NDF : 4680.1/22

All: -3.729 ± 0.088 χ^2/NDF : 8941.1/45

- sign -2.763 ± 0.121 χ^2/NDF : 4125.0/22

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: 21.306 $\pm$ 0.115 χ^2 /NDF: 95.6/5

Right Out: 20.716 $\pm$ 0.213 χ^2 /NDF: 729.9/18

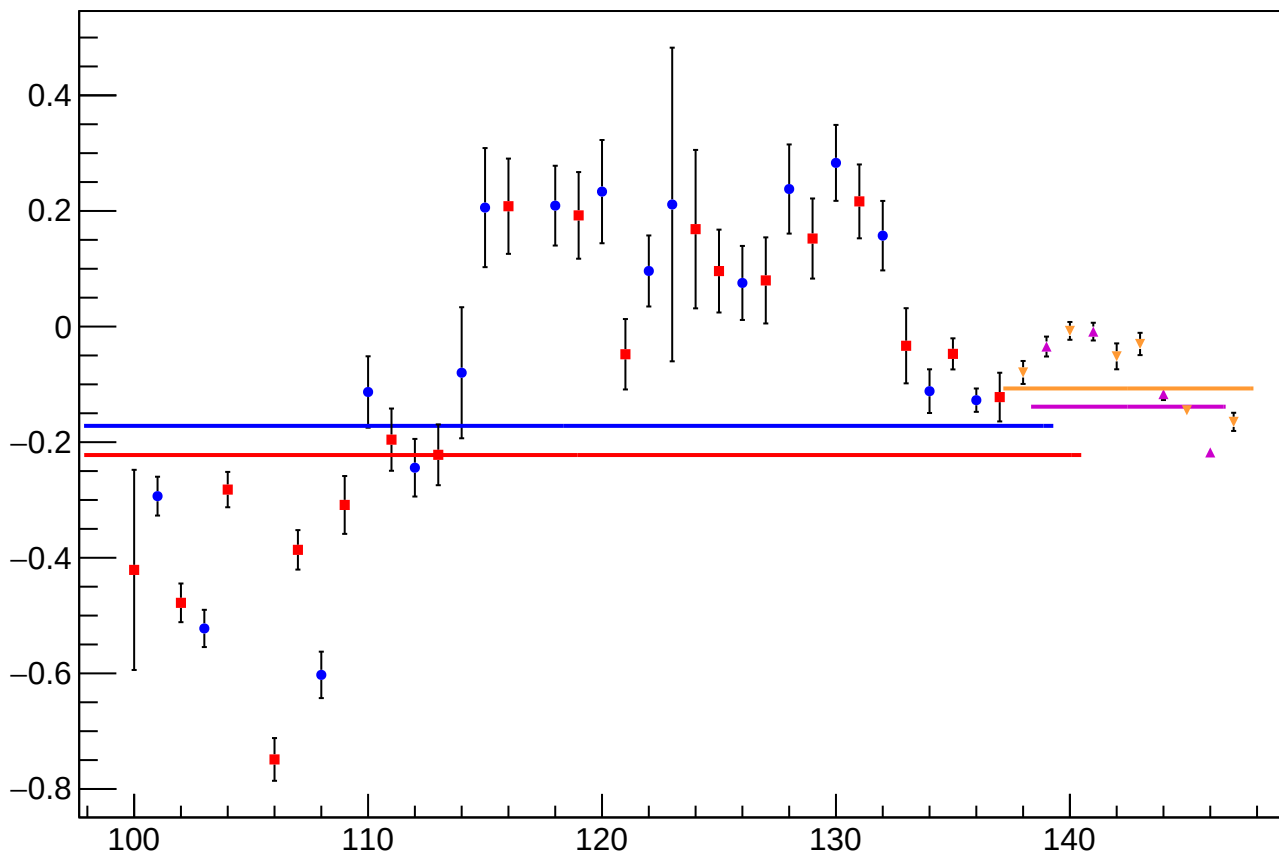
Left In: 21.999 $\pm$ 0.107 χ^2 /NDF: 60.2/3

+ sign 21.227 $\pm$ 0.101 χ^2 /NDF: 1323.1/22

All: 21.496 $\pm$ 0.070 χ^2 /NDF: 2155.7/45

- sign 21.738 $\pm$ 0.096 χ^2 /NDF: 819.1/22

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.172 ± 0.011 χ^2/NDF : 464.2/16

Left Out: -0.107 ± 0.006 χ^2/NDF : 101.1/5

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.1/18

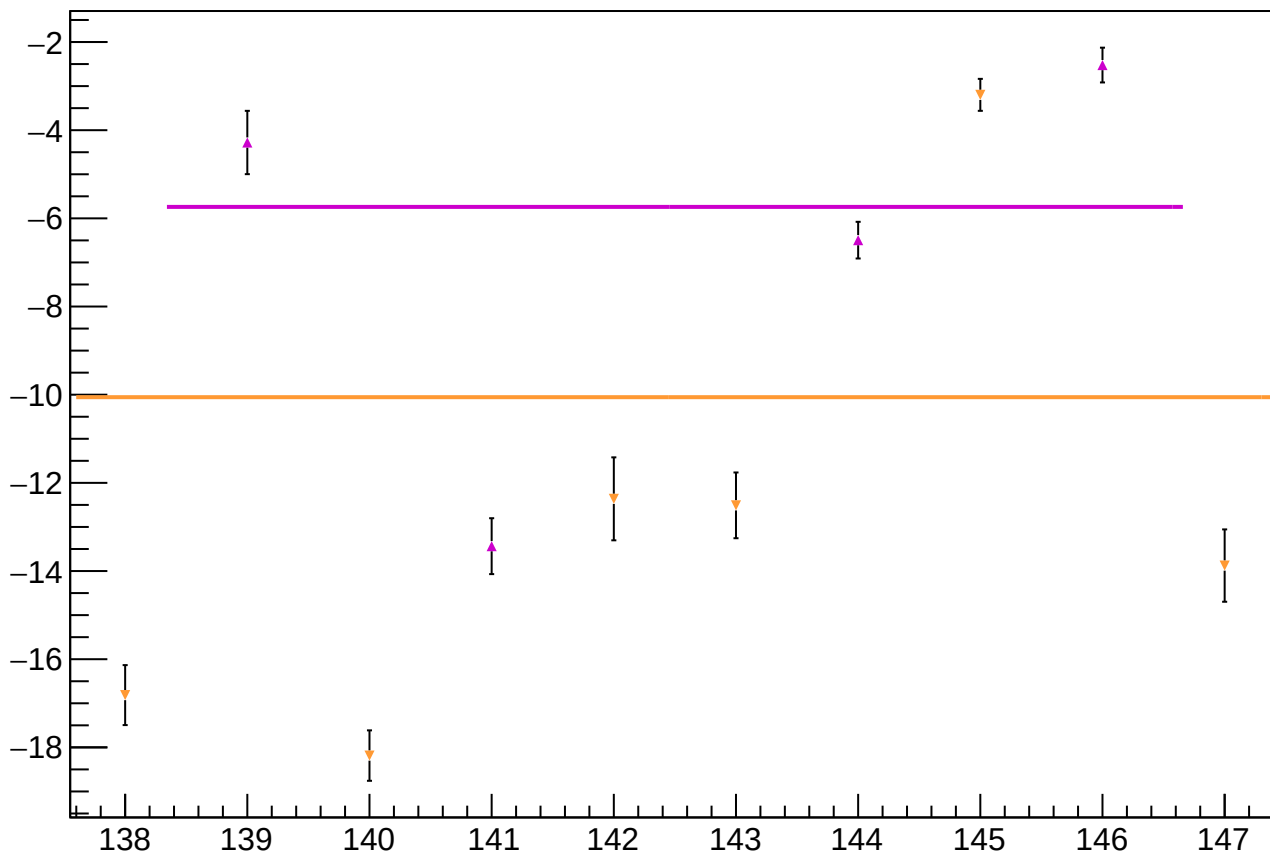
Left In: -0.139 ± 0.006 χ^2/NDF : 200.4/3

+ sign -0.120 ± 0.005 χ^2/NDF : 591.9/22

All: -0.139 ± 0.004 χ^2/NDF : 1399.6/45

- sign -0.156 ± 0.005 χ^2/NDF : 782.6/22

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: -10.056 $\pm$ 0.241 χ^2 /NDF: 696.8/5

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

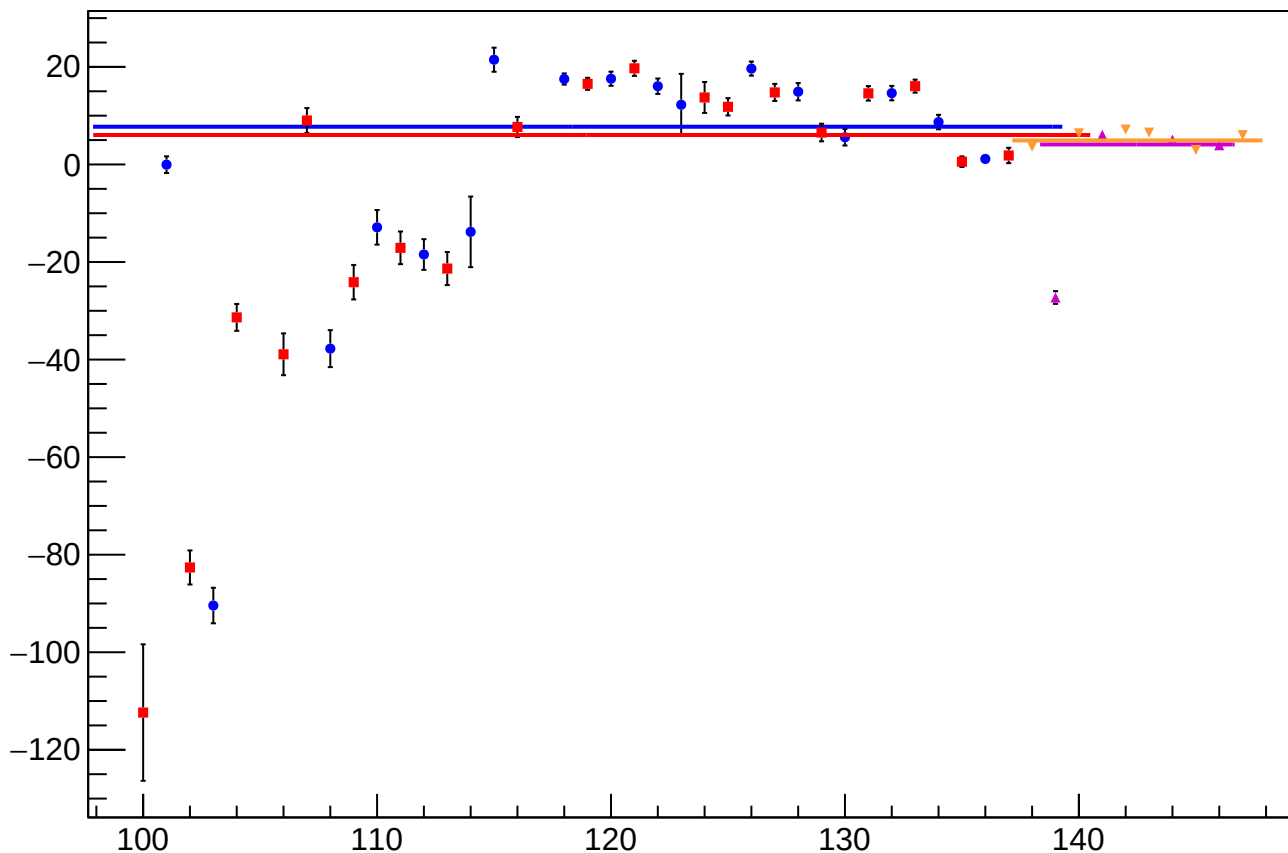
Left In: -5.740 $\pm$ 0.245 χ^2 /NDF: 221.3/3

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

All: -7.936 $\pm$ 0.172 χ^2 /NDF: 1075.8/9

- 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 $\chi^2/\text{NDF}: 1358.4/16$

Left Out: 4.927 ± 0.176 $\chi^2/\text{NDF}: 90.5/5$

Right Out: 6.040 ± 0.434 $\chi^2/\text{NDF}: 1512.1/18$

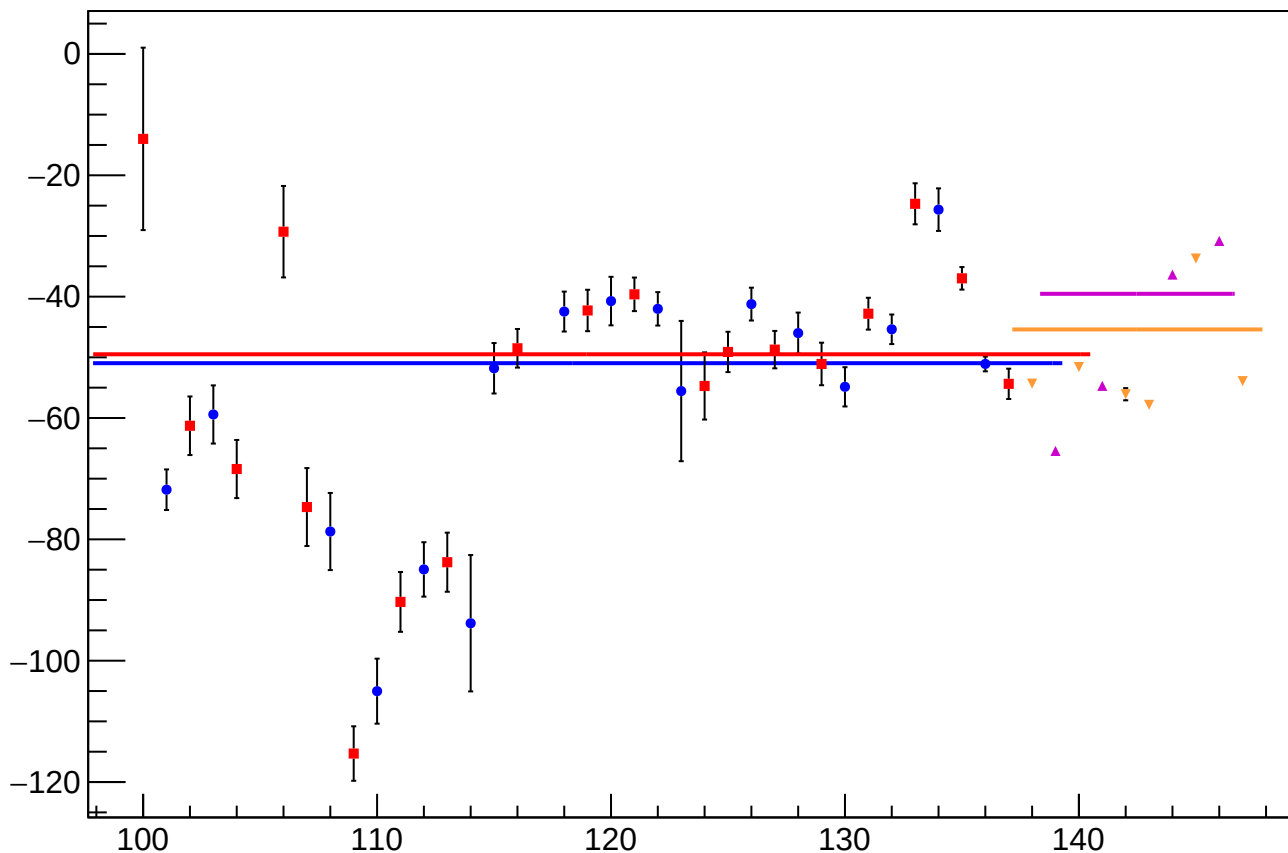
Left In: 4.102 ± 0.175 $\chi^2/\text{NDF}: 606.7/3$

+ sign 5.377 ± 0.161 $\chi^2/\text{NDF}: 1489.8/22$

All: 4.878 ± 0.114 $\chi^2/\text{NDF}: 3645.0/45$

- sign 4.373 ± 0.162 $\chi^2/\text{NDF}: 2135.9/22$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -50.966 ± 0.738 χ^2/NDF : 332.7/16

Left Out: -45.405 ± 0.254 χ^2/NDF : 1639.9/5

Right Out: -49.497 ± 0.797 χ^2/NDF : 510.4/18

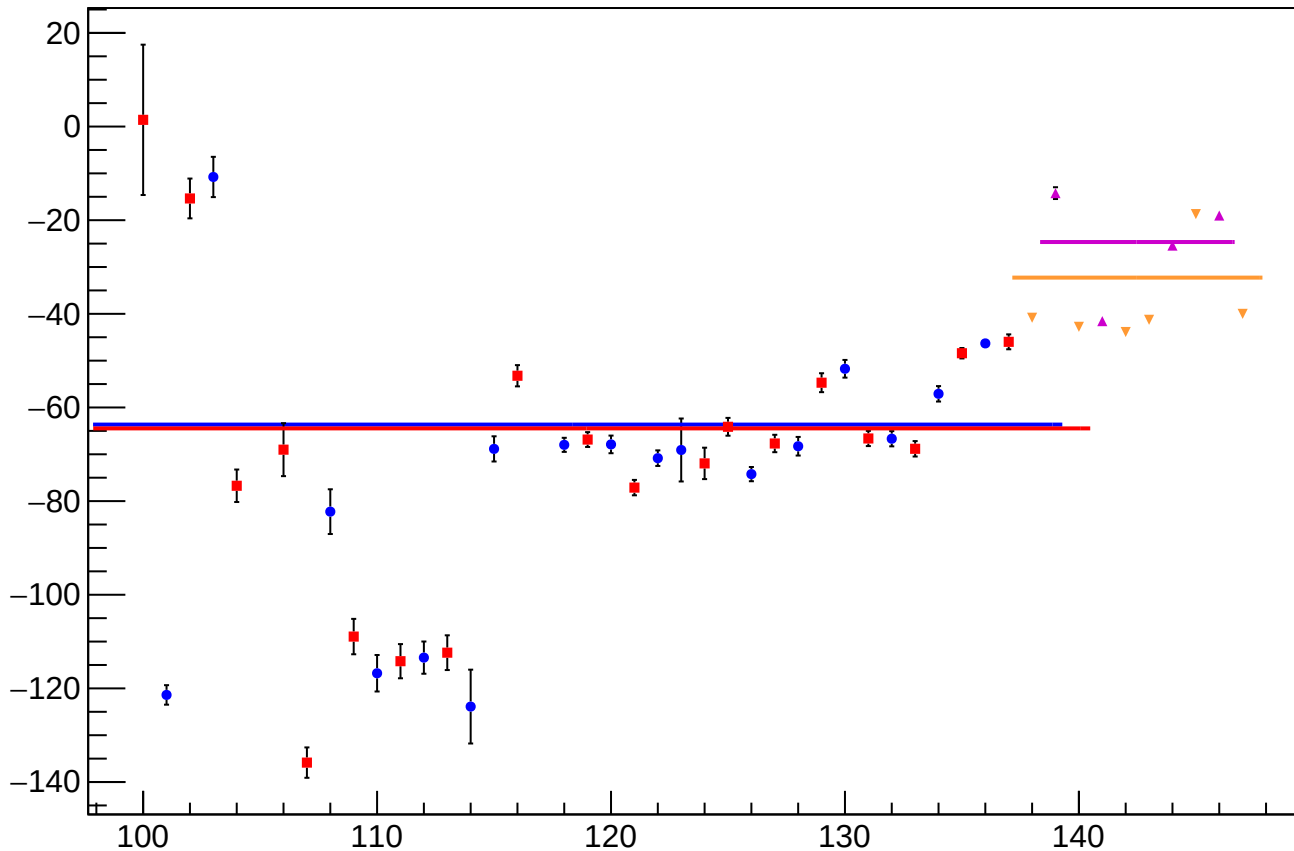
Left In: -39.534 ± 0.251 χ^2/NDF : 2195.6/3

+ sign -45.996 ± 0.240 χ^2/NDF : 2023.3/22

All: -43.209 ± 0.170 χ^2/NDF : 5139.5/45

- sign -40.436 ± 0.240 χ^2/NDF : 2848.0/22

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.656 ± 0.445 χ^2/NDF : 2014.7/16

Left Out: -32.264 ± 0.213 χ^2/NDF : 2813.2/5

Right Out: -64.470 ± 0.483 χ^2/NDF : 1606.8/18

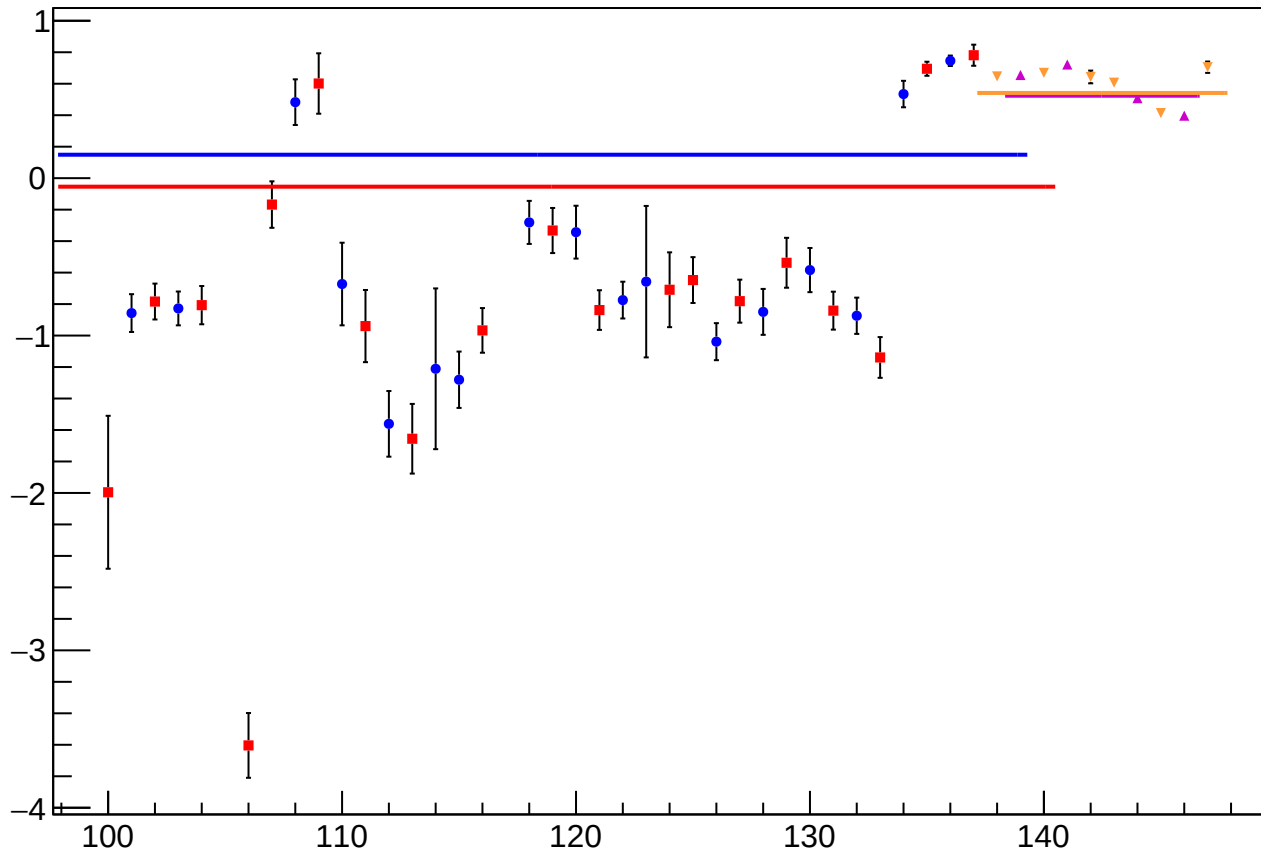
Left In: -24.662 ± 0.212 χ^2/NDF : 1368.1/3

+ sign -38.126 ± 0.192 χ^2/NDF : 8868.4/22

All: -34.654 ± 0.137 χ^2/NDF : 18204.0/45

- sign -31.115 ± 0.194 χ^2/NDF : 8678.3/22

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.149 $\pm$ 0.024 χ^2 /NDF: 989.9/16

Left Out: 0.541 $\pm$ 0.010 χ^2 /NDF: 137.7/5

Right Out: -0.054 $\pm$ 0.026 χ^2 /NDF: 1167.9/18

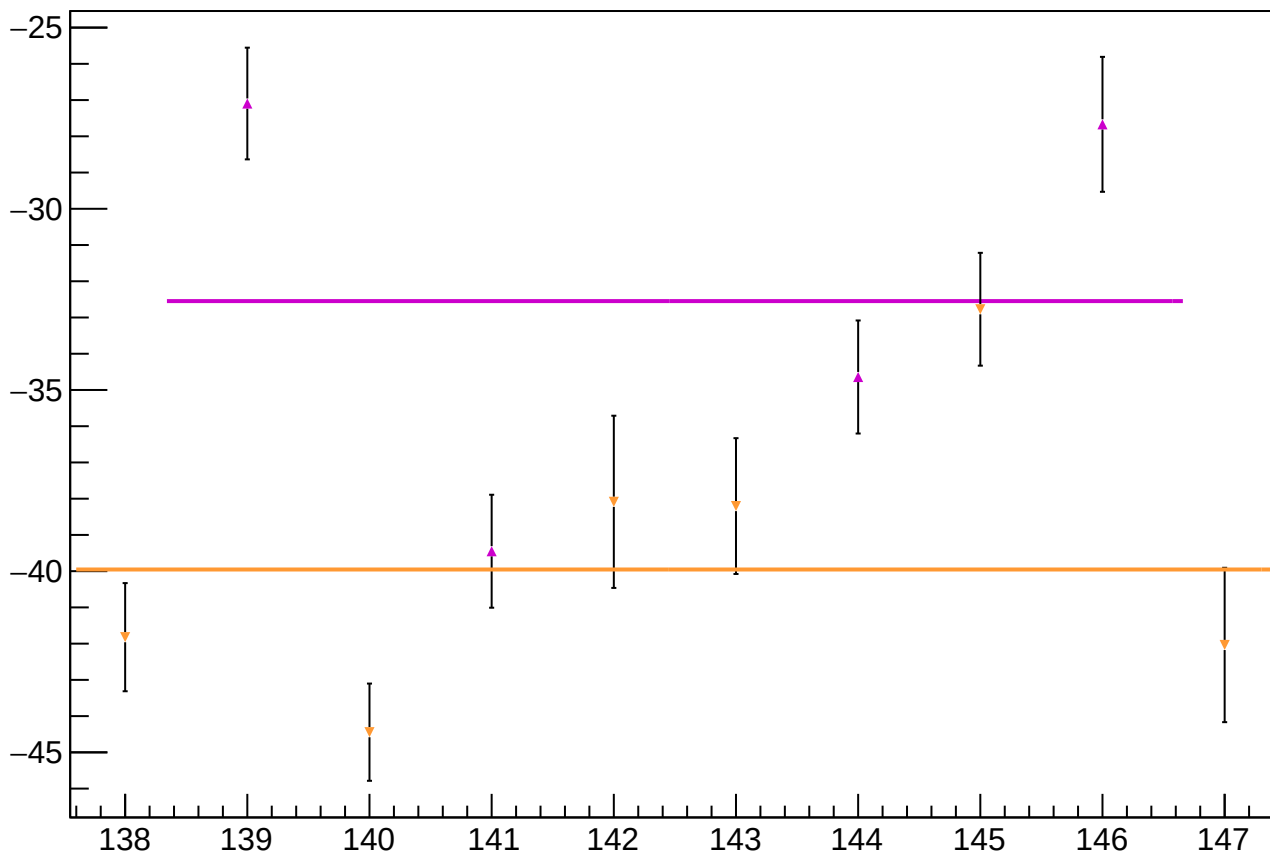
Left In: 0.524 $\pm$ 0.011 χ^2 /NDF: 126.8/3

+ sign 0.479 $\pm$ 0.010 χ^2 /NDF: 1353.3/22

All: 0.460 $\pm$ 0.007 χ^2 /NDF: 3071.7/45

- sign 0.439 $\pm$ 0.010 χ^2 /NDF: 1710.0/22

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -39.954 $\pm$ 0.690 χ^2 /NDF: 36.5/5

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

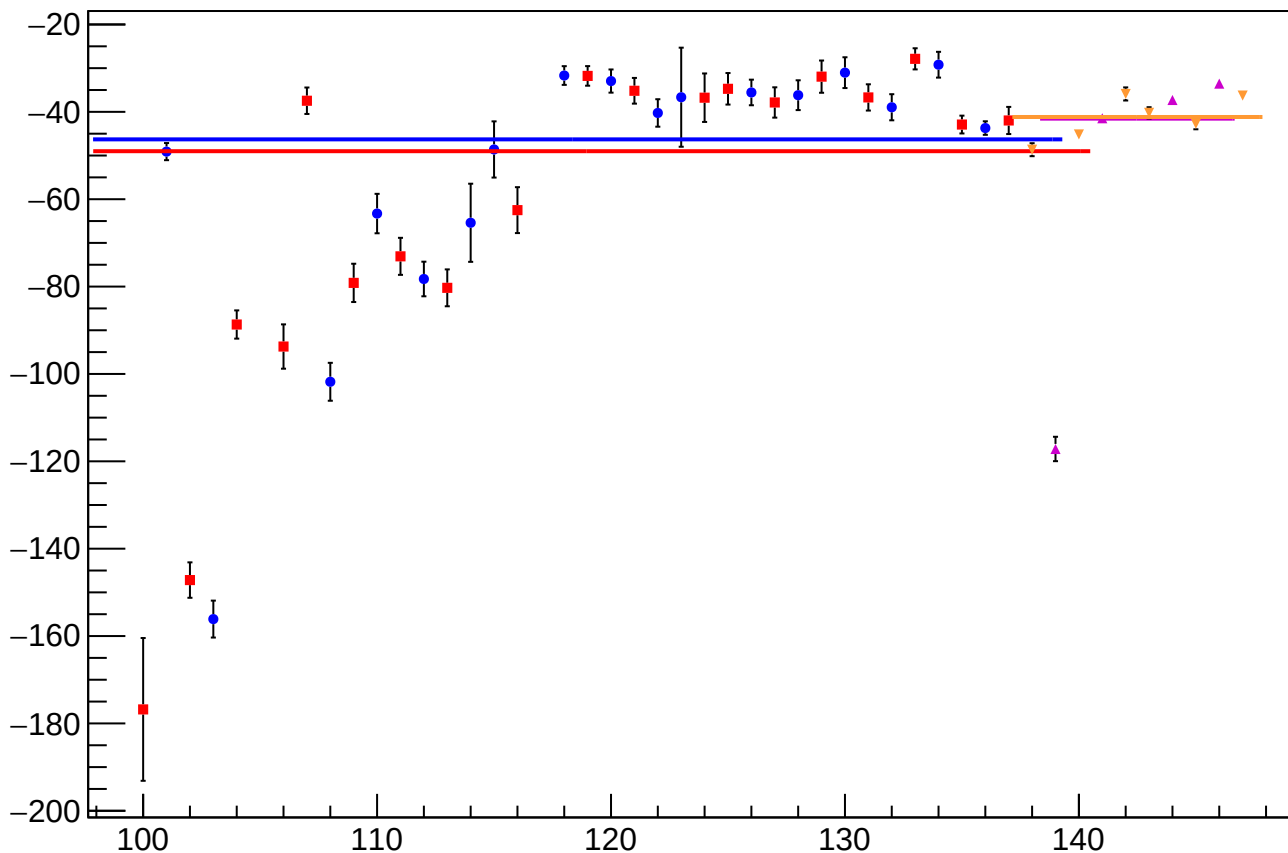
Left In: -32.547 $\pm$ 0.808 χ^2 /NDF: 40.8/3

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

All: -36.829 $\pm$ 0.525 χ^2 /NDF: 125.9/9

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

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -41.178 ± 0.505 χ^2/NDF : 76.4/5

Right Out: -49.008 ± 0.764 χ^2/NDF : 1271.7/18

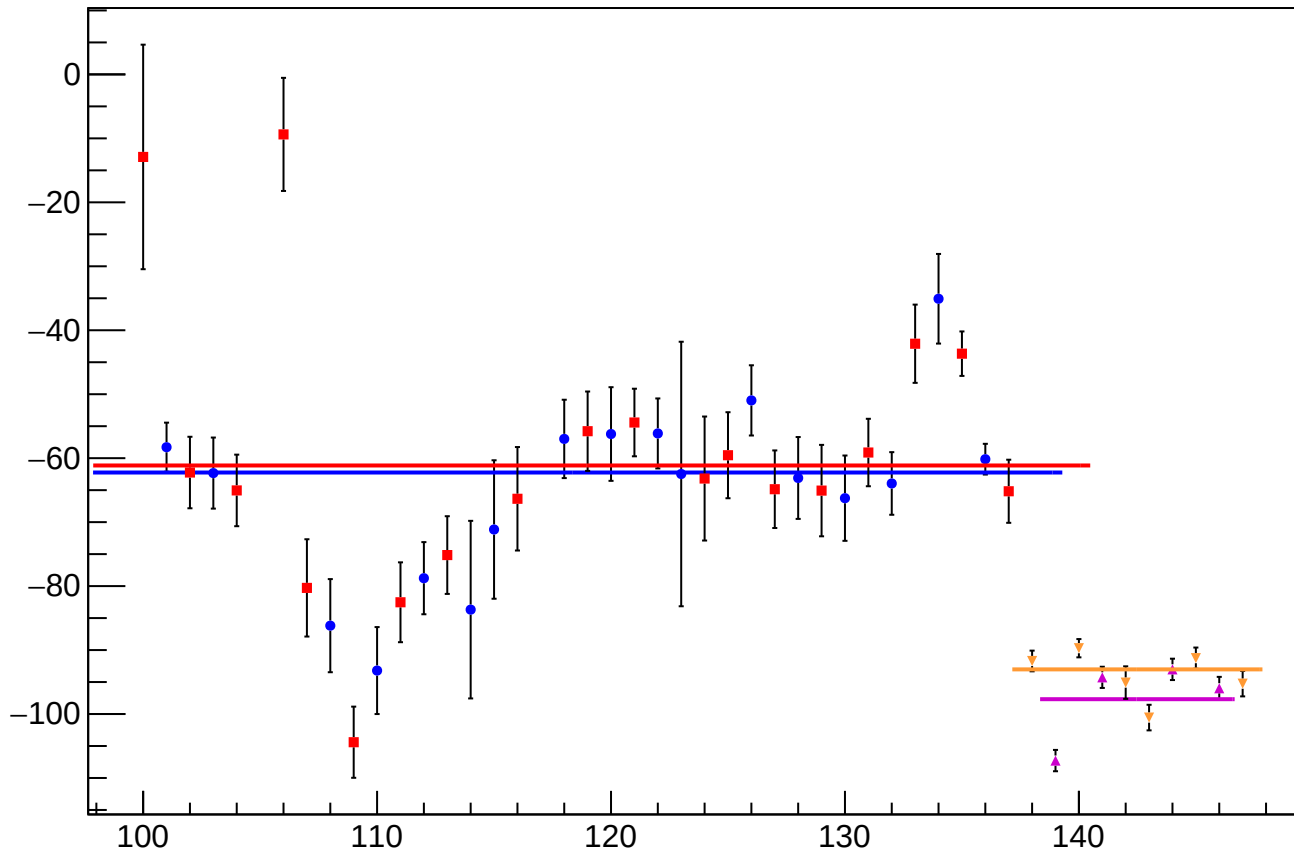
Left In: -41.557 ± 0.630 χ^2/NDF : 797.8/3

+ sign -42.857 ± 0.414 χ^2/NDF : 1194.2/22

All: -43.579 ± 0.315 χ^2/NDF : 3327.5/45

- sign -44.576 ± 0.486 χ^2/NDF : 2126.1/22

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: -93.022 ± 0.727 $\chi^2/\text{NDF}: 23.3/5$

Right Out: -61.142 ± 1.379 $\chi^2/\text{NDF}: 165.6/18$

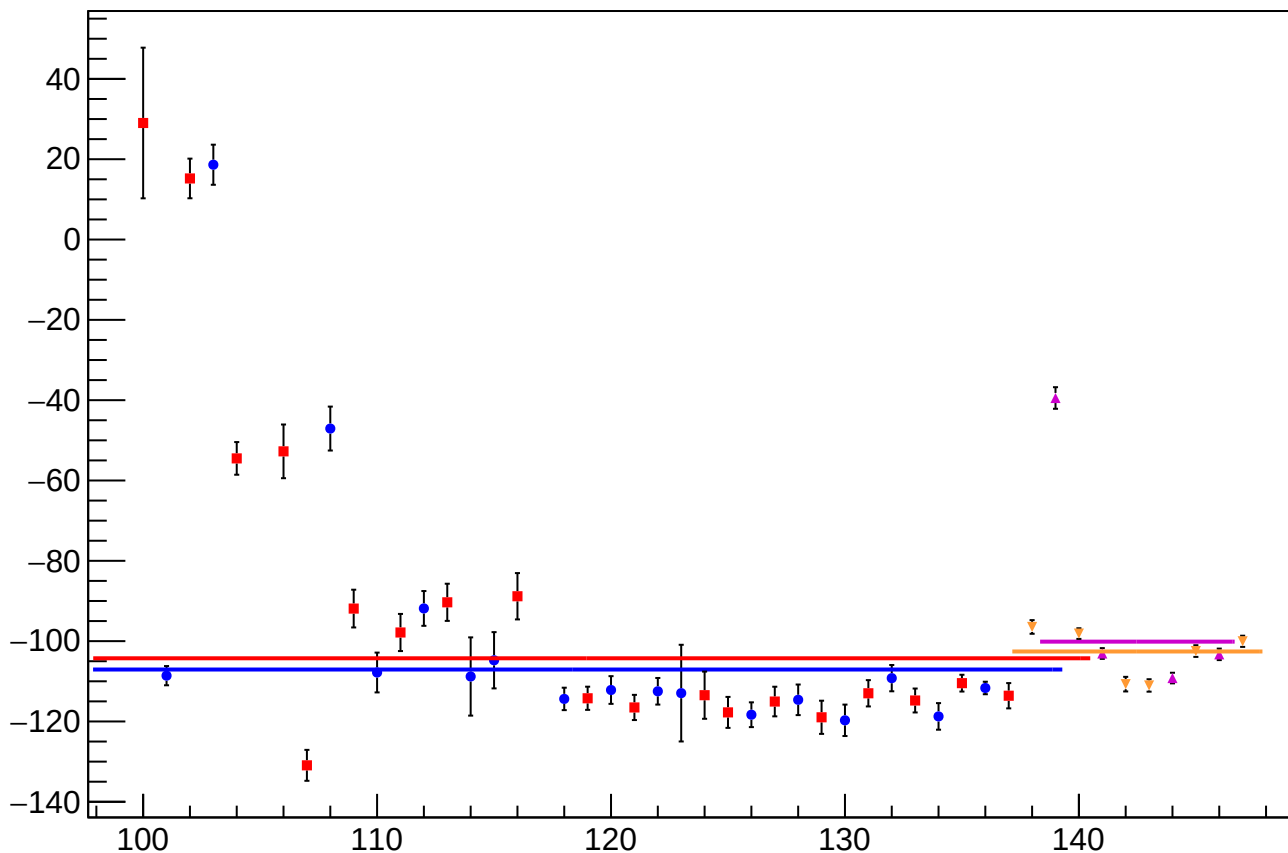
Left In: -97.682 ± 0.846 $\chi^2/\text{NDF}: 46.1/3$

+ sign -85.783 ± 0.635 $\chi^2/\text{NDF}: 512.8/22$

All: -86.617 ± 0.477 $\chi^2/\text{NDF}: 1238.2/45$

- sign -87.691 ± 0.721 $\chi^2/\text{NDF}: 721.5/22$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -107.066 ± 0.811 χ^2/NDF : 828.4/16

Left Out: -102.574 ± 0.618 χ^2/NDF : 77.3/5

Right Out: -104.269 ± 0.861 χ^2/NDF : 1018.6/18

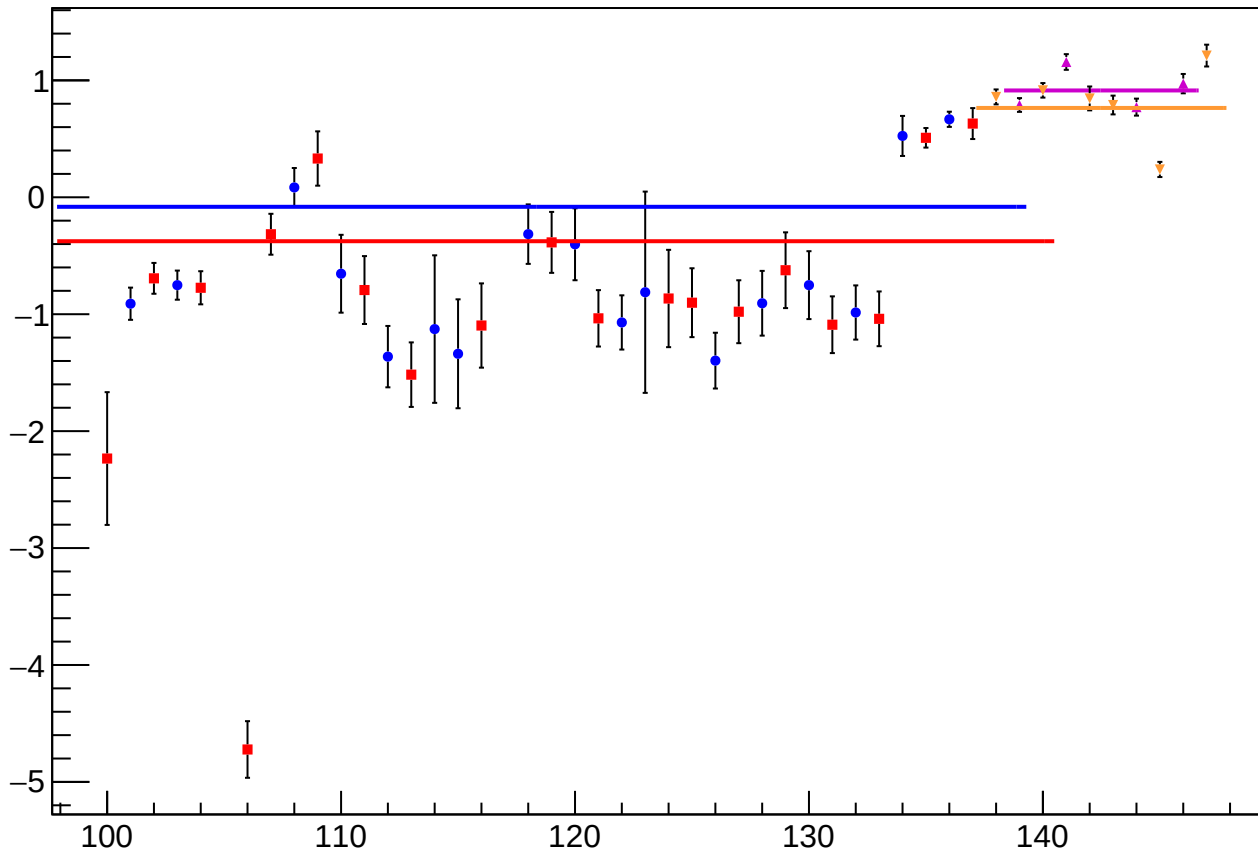
Left In: -100.125 ± 0.754 χ^2/NDF : 565.9/3

+ sign -104.224 ± 0.492 χ^2/NDF : 925.0/22

All: -103.237 ± 0.371 χ^2/NDF : 2532.1/45

- sign -101.924 ± 0.567 χ^2/NDF : 1597.6/22

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.081±/0.042 χ^2/NDF : 329.0/16

Left Out: 0.764±/0.030 χ^2/NDF : 97.6/5

Right Out: -0.376±/0.044 χ^2/NDF : 583.0/18

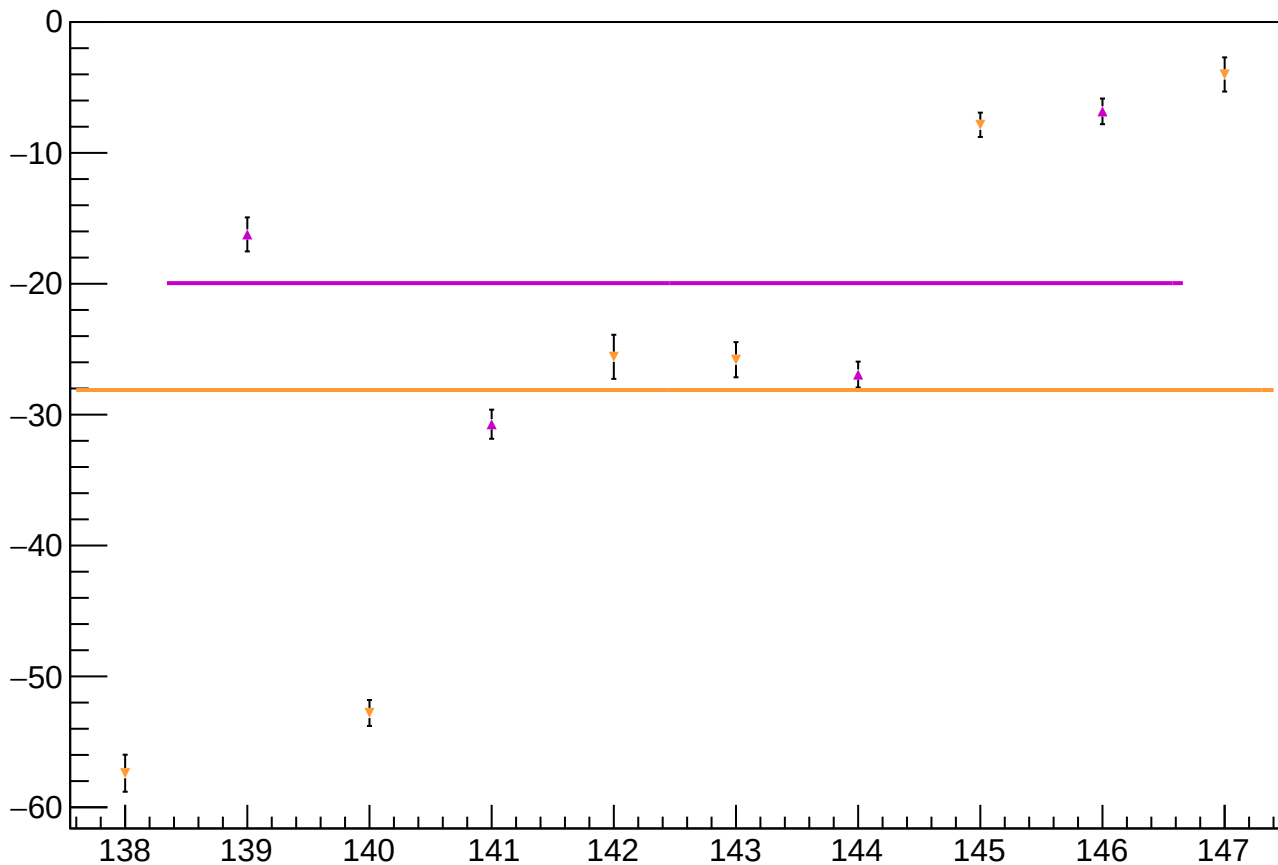
Left In: 0.914±/0.034 χ^2/NDF : 22.0/3

+ sign 0.479±/0.024 χ^2/NDF : 693.1/22

All: 0.454±/0.018 χ^2/NDF : 1835.5/45

- sign 0.423±/0.027 χ^2/NDF : 1140.0/22

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -28.119+/-0.490 χ^2/NDF : 1871.3/5

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

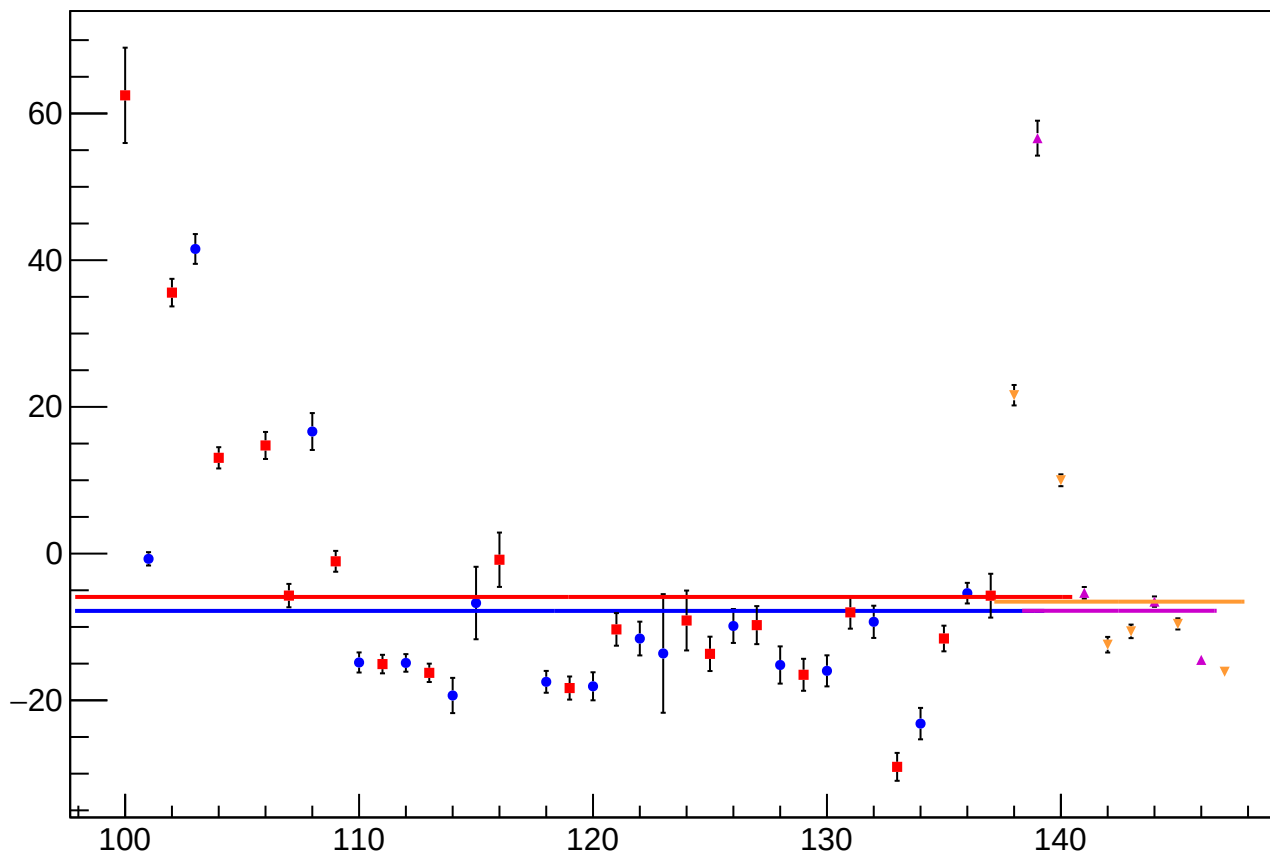
Left In: -19.950+/-0.537 χ^2/NDF : 331.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.411+/-0.362 χ^2/NDF : 2329.3/9

- 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: -6.549 ± 0.345 χ^2/NDF : 1127.7/5

Right Out: -5.908 ± 0.429 χ^2/NDF : 1293.1/18

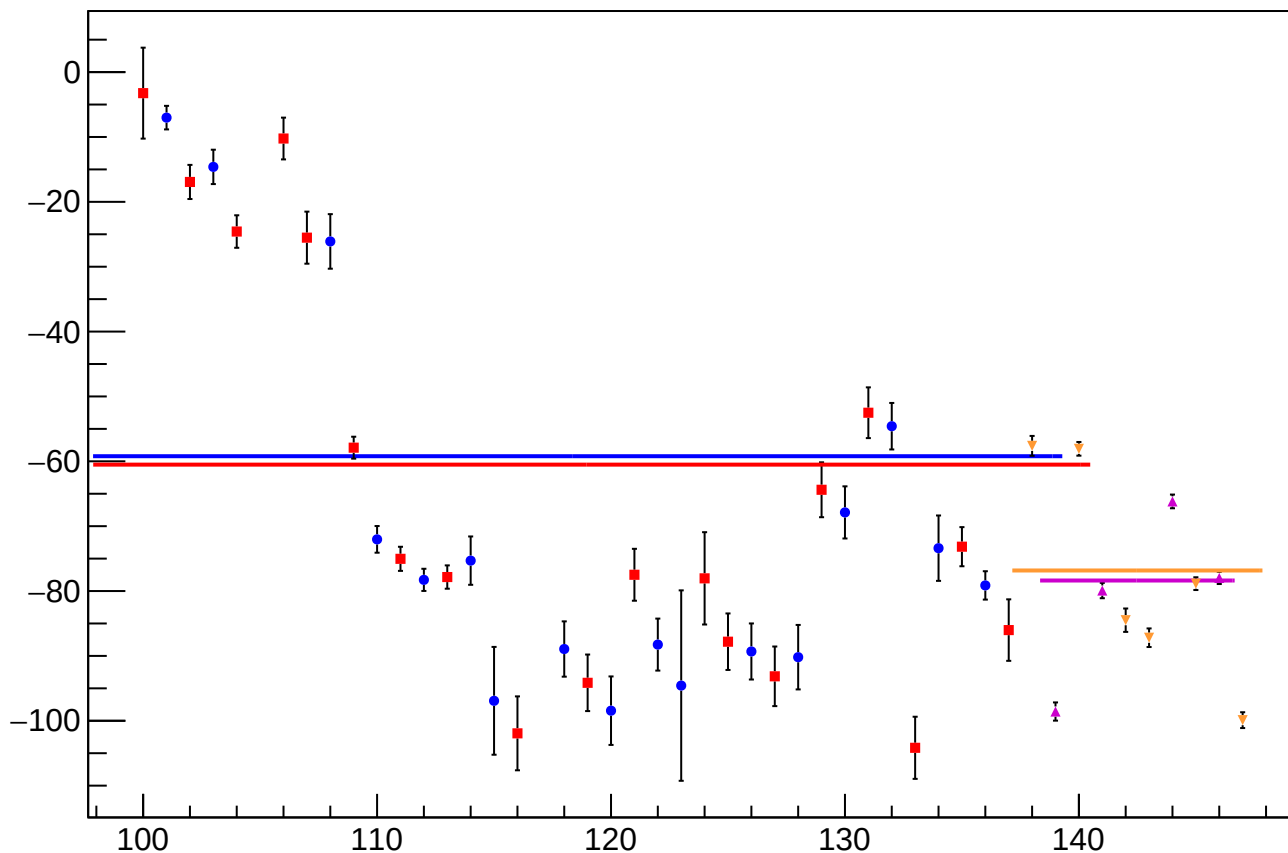
Left In: -7.795 ± 0.394 χ^2/NDF : 864.4/3

+ sign -7.048 ± 0.268 χ^2/NDF : 2115.8/22

All: -6.994 ± 0.197 χ^2/NDF : 4283.8/45

- sign -6.932 ± 0.290 χ^2/NDF : 2168.0/22

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.214 ± 0.744 χ^2/NDF : 1720.4/16

Left Out: -76.831 ± 0.511 χ^2/NDF : 906.2/5

Right Out: -60.513 ± 0.704 χ^2/NDF : 1383.9/18

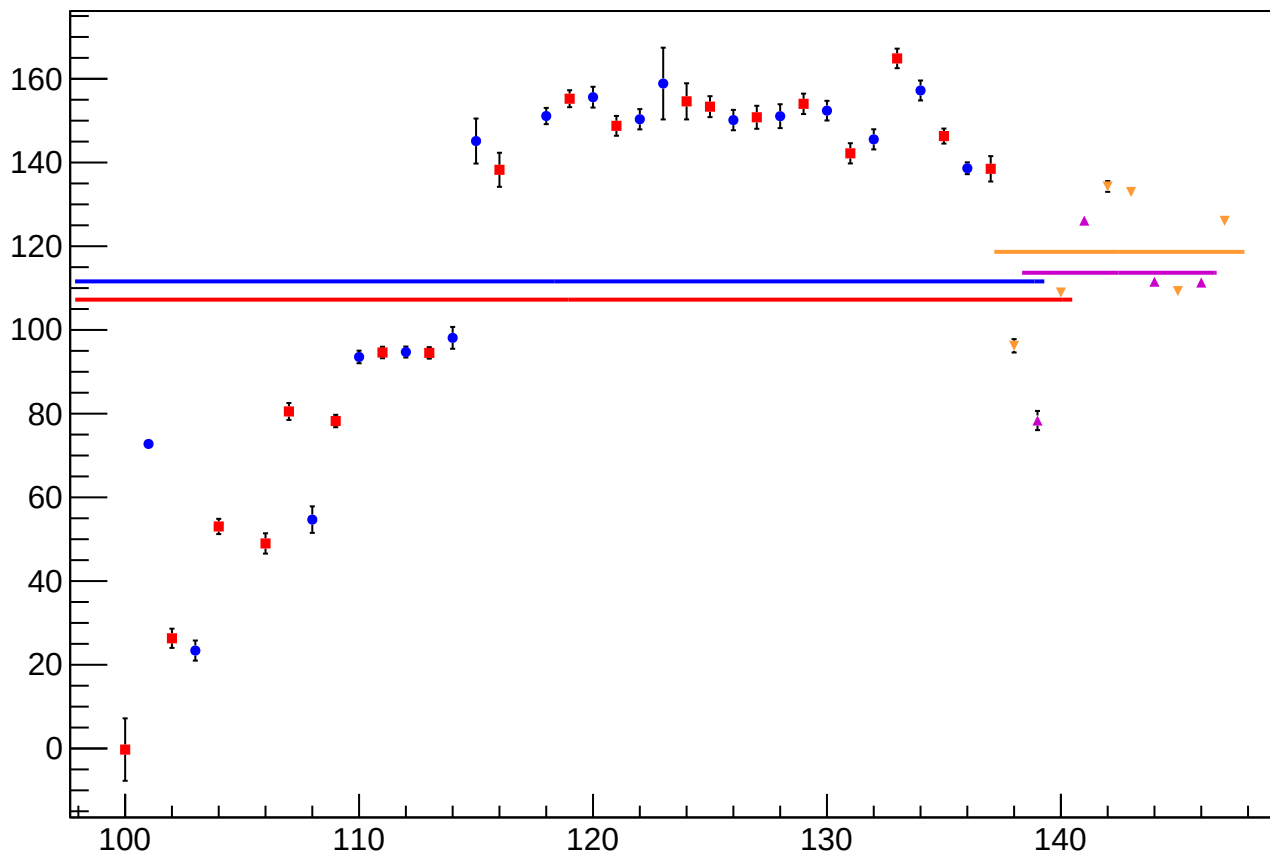
Left In: -78.376 ± 0.555 χ^2/NDF : 341.6/3

+ sign -71.177 ± 0.421 χ^2/NDF : 3007.6/22

All: -71.347 ± 0.303 χ^2/NDF : 5130.4/45

- sign -71.529 ± 0.436 χ^2/NDF : 2122.4/22

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: 118.659 $\pm$ 0.426 χ^2 /NDF: 798.3/5

Right Out: 107.238 $\pm$ 0.488 χ^2 /NDF: 7037.4/18

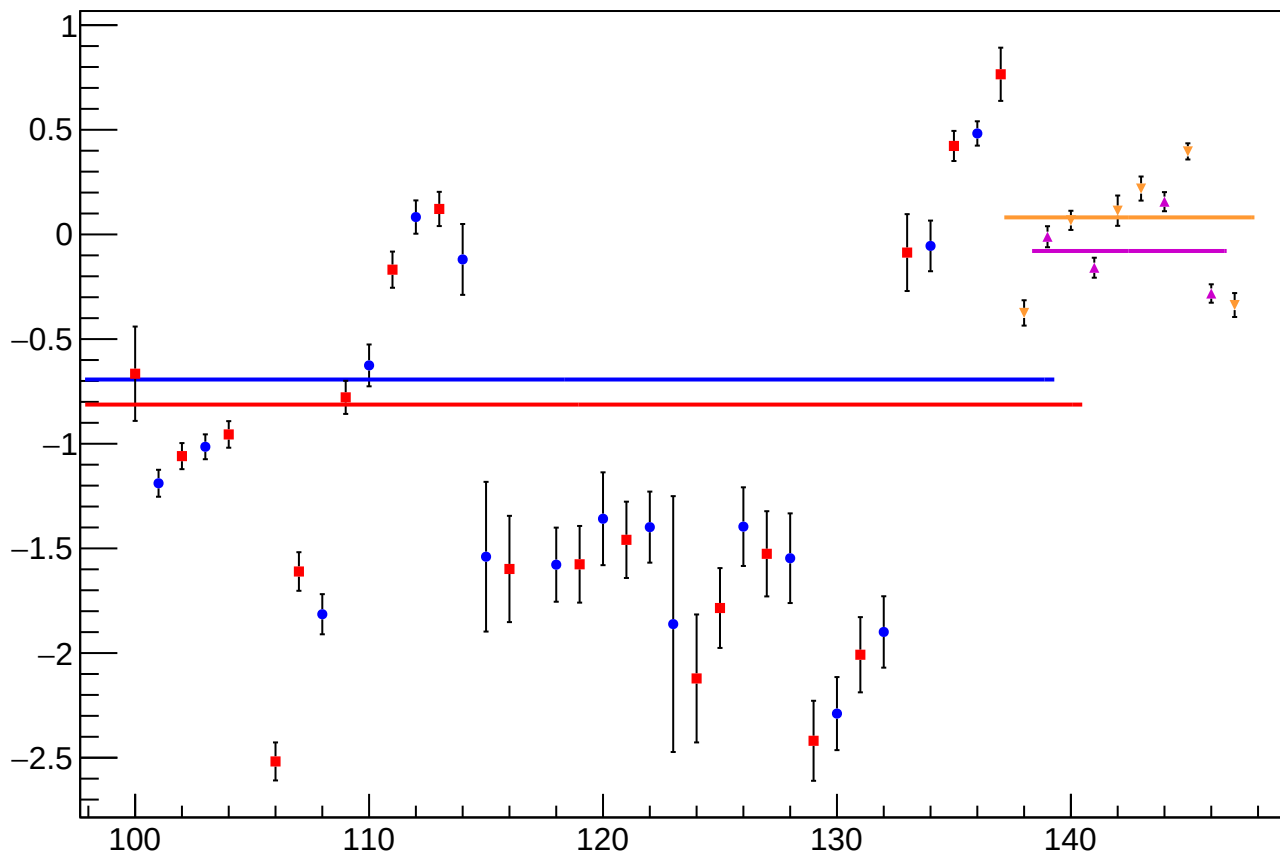
Left In: 113.663 $\pm$ 0.476 χ^2 /NDF: 423.5/3

+ sign 115.599 $\pm$ 0.320 χ^2 /NDF: 6877.1/22

All: 113.220 $\pm$ 0.233 χ^2 /NDF: 14544.5/45

- sign 110.531 $\pm$ 0.341 χ^2 /NDF: 7549.8/22

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.693 ± 0.026 χ^2/NDF : 993.1/16

Left Out: 0.081 ± 0.021 χ^2/NDF : 183.1/5

Right Out: -0.813 ± 0.024 χ^2/NDF : 1310.7/18

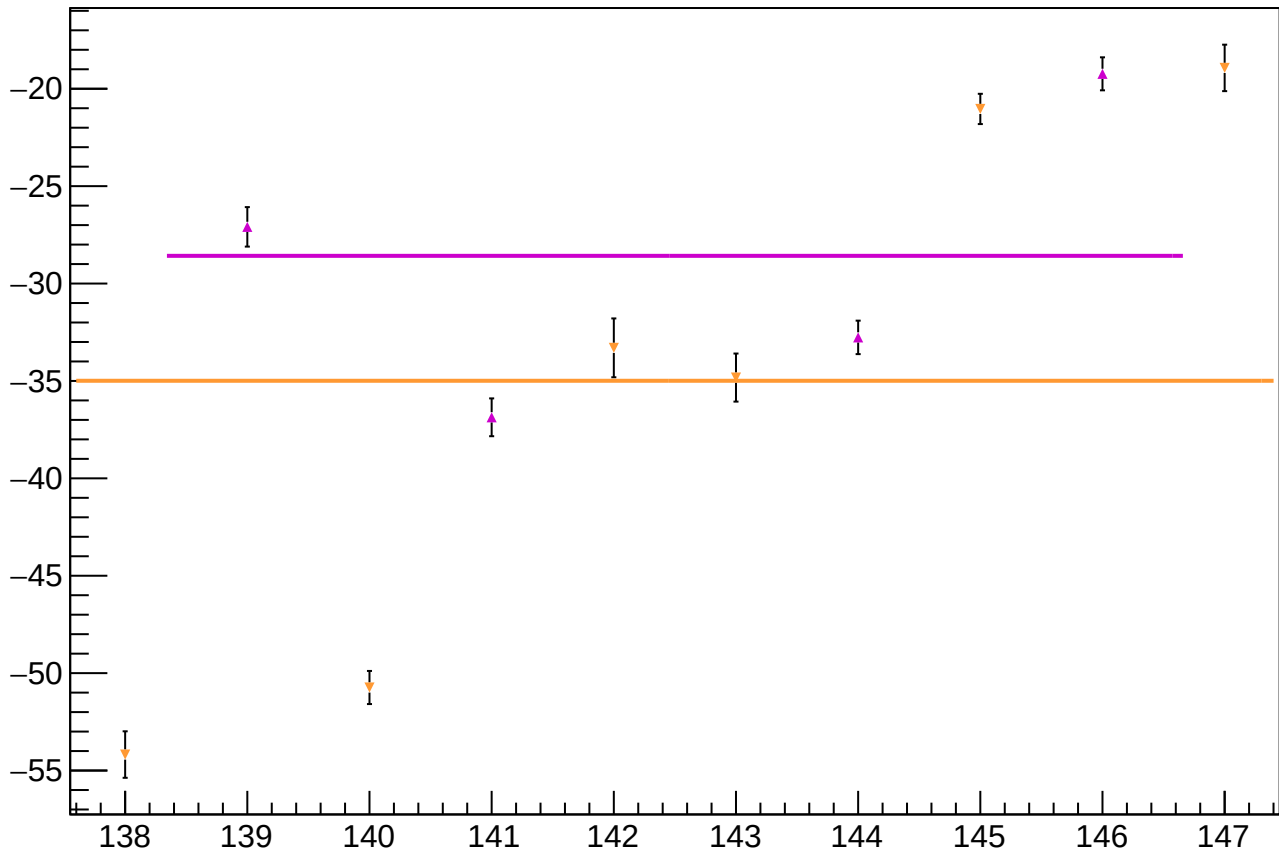
Left In: -0.079 ± 0.023 χ^2/NDF : 52.6/3

+ sign -0.232 ± 0.016 χ^2/NDF : 1714.3/22

All: -0.328 ± 0.012 χ^2/NDF : 3622.5/45

- sign -0.431 ± 0.017 χ^2/NDF : 1836.3/22

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.991+/-0.425 χ^2/NDF : 1107.1/5

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

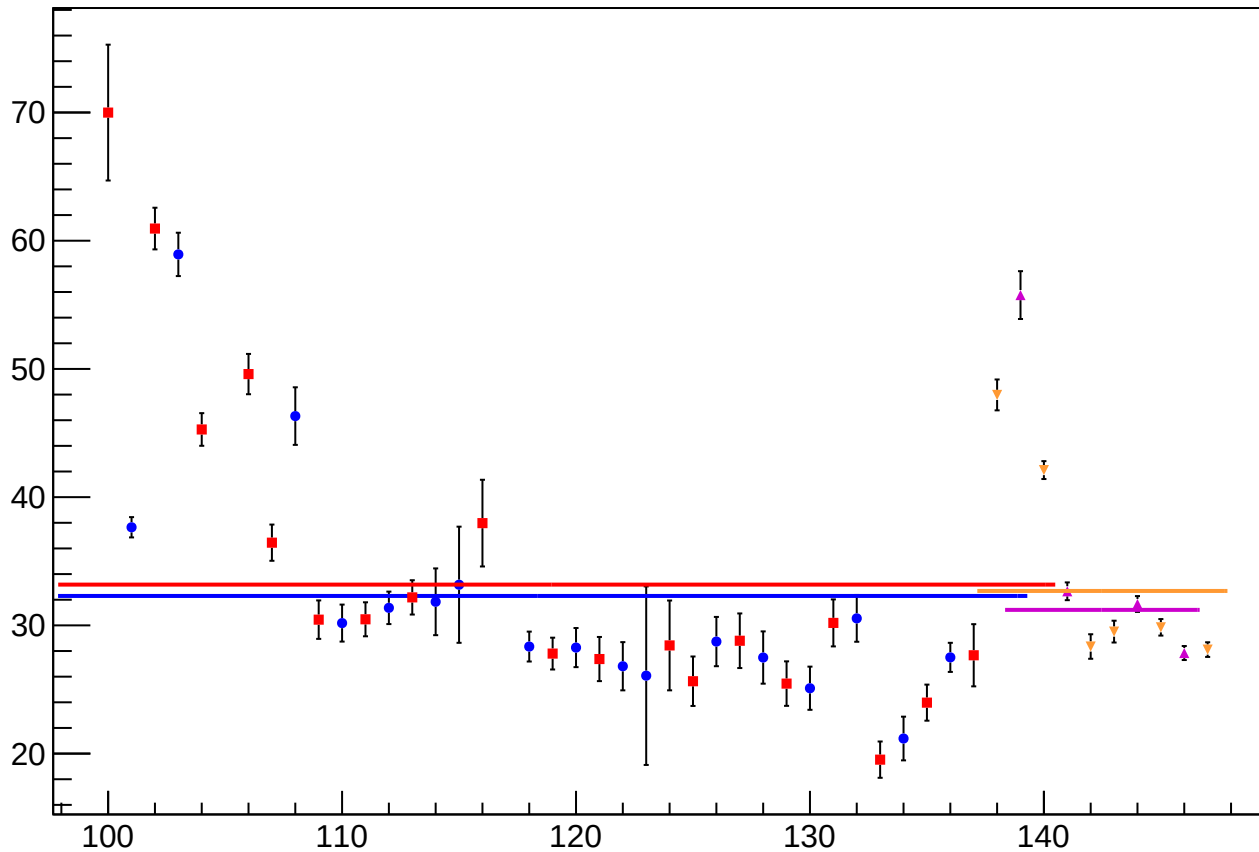
Left In: -28.577+/-0.457 χ^2/NDF : 220.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.020+/-0.311 χ^2/NDF : 1433.1/9

- 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: 32.685 ± 0.306 $\chi^2/\text{NDF}: 461.6/5$

Right Out: 33.180 ± 0.379 $\chi^2/\text{NDF}: 770.3/18$

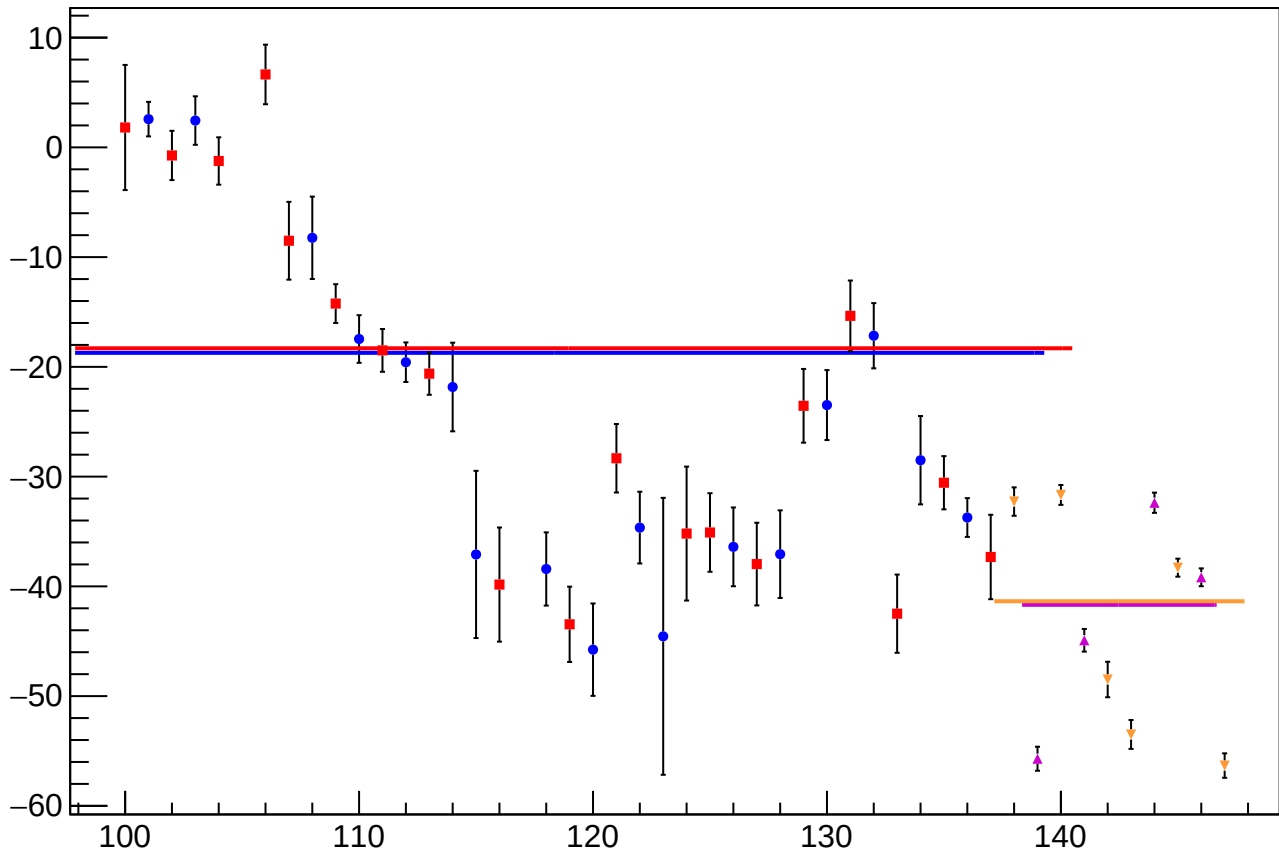
Left In: 31.209 ± 0.346 $\chi^2/\text{NDF}: 216.2/3$

+ sign 32.528 ± 0.236 $\chi^2/\text{NDF}: 914.4/22$

All: 32.332 ± 0.174 $\chi^2/\text{NDF}: 1917.1/45$

- sign 32.104 ± 0.256 $\chi^2/\text{NDF}: 1001.2/22$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.721 ± 0.665 χ^2/NDF : 519.6/16

Left Out: -41.356 ± 0.444 χ^2/NDF : 462.8/5

Right Out: -18.306 ± 0.644 χ^2/NDF : 472.6/18

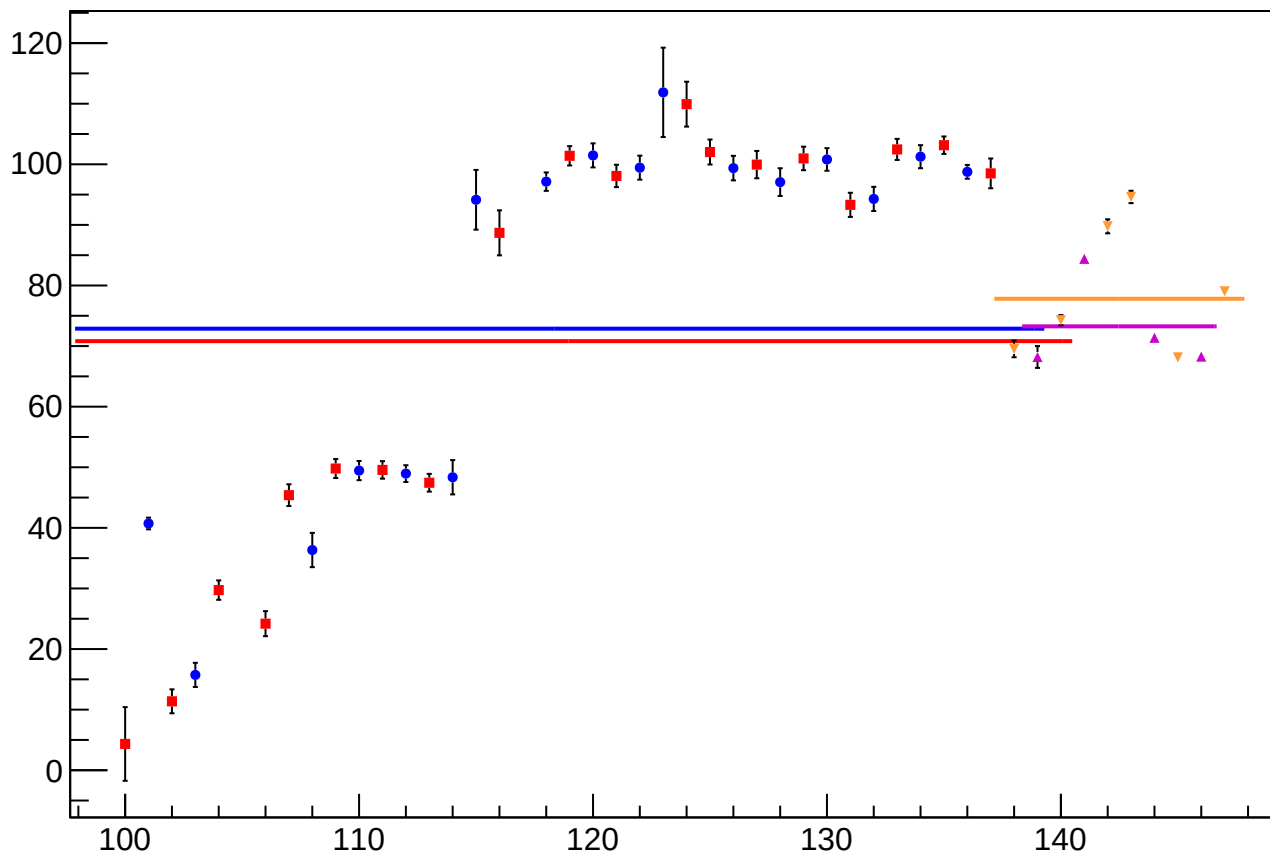
Left In: -41.682 ± 0.473 χ^2/NDF : 285.6/3

+ sign -34.380 ± 0.369 χ^2/NDF : 1783.1/22

All: -33.941 ± 0.265 χ^2/NDF : 3400.3/45

- sign -33.472 ± 0.381 χ^2/NDF : 1614.3/22

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875+/-0.426 χ^2 /NDF: 4737.9/16

Left Out: 77.809+/-0.375 χ^2 /NDF:605.3/5

Right Out: 70.815+/-0.433 χ^2 /NDF: 5489.3/18

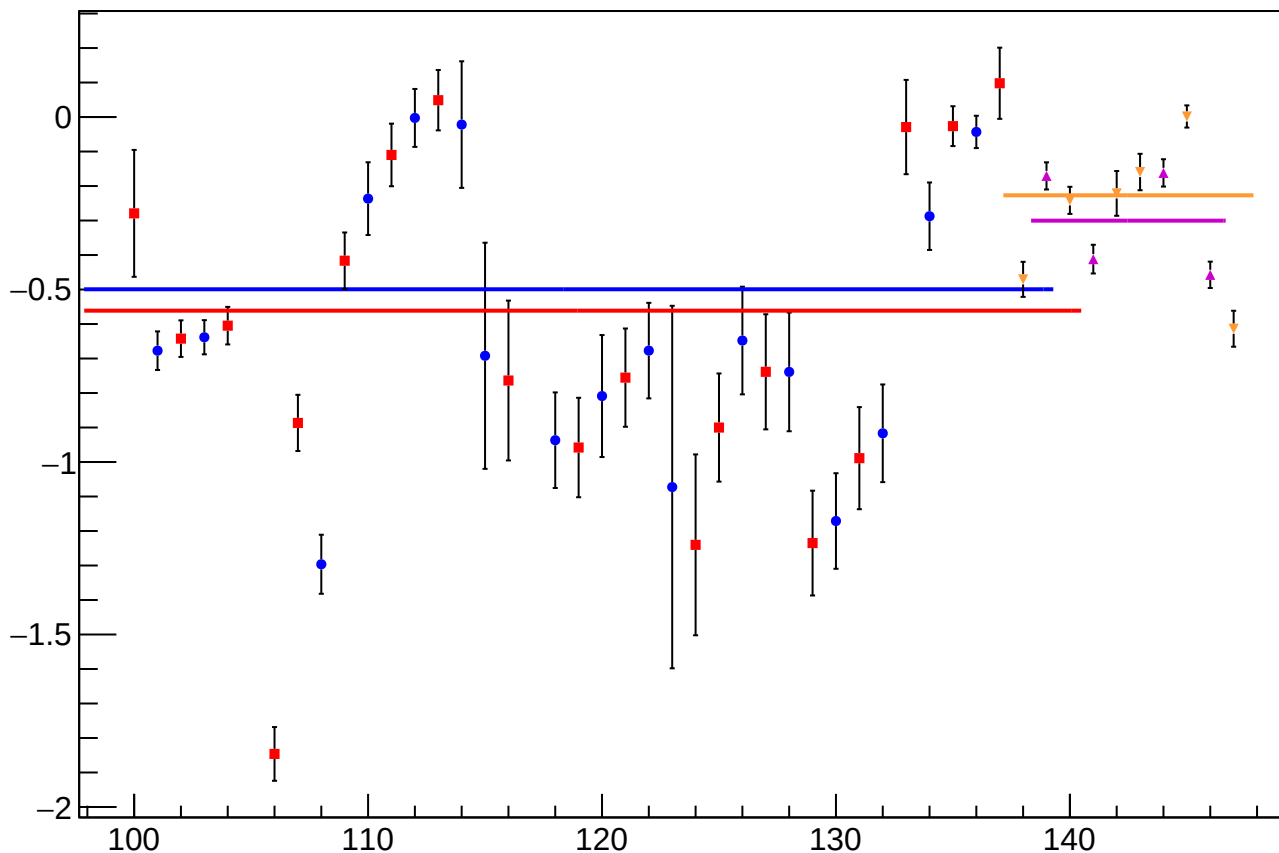
Left In: 73.257+/-0.414 χ^2 /NDF:248.3/3

+ sign 75.653+/-0.281 χ^2 /NDF: 5418.8/22

All: 73.982+/-0.205 χ^2 /NDF: 11248.2/45

- sign 72.091+/-0.299 χ^2 /NDF: 5754.1/22

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.499 ± 0.022 χ^2/NDF : 303.5/16

Left Out: -0.227 ± 0.018 χ^2/NDF : 130.2/5

Right Out: -0.561 ± 0.021 χ^2/NDF : 562.3/18

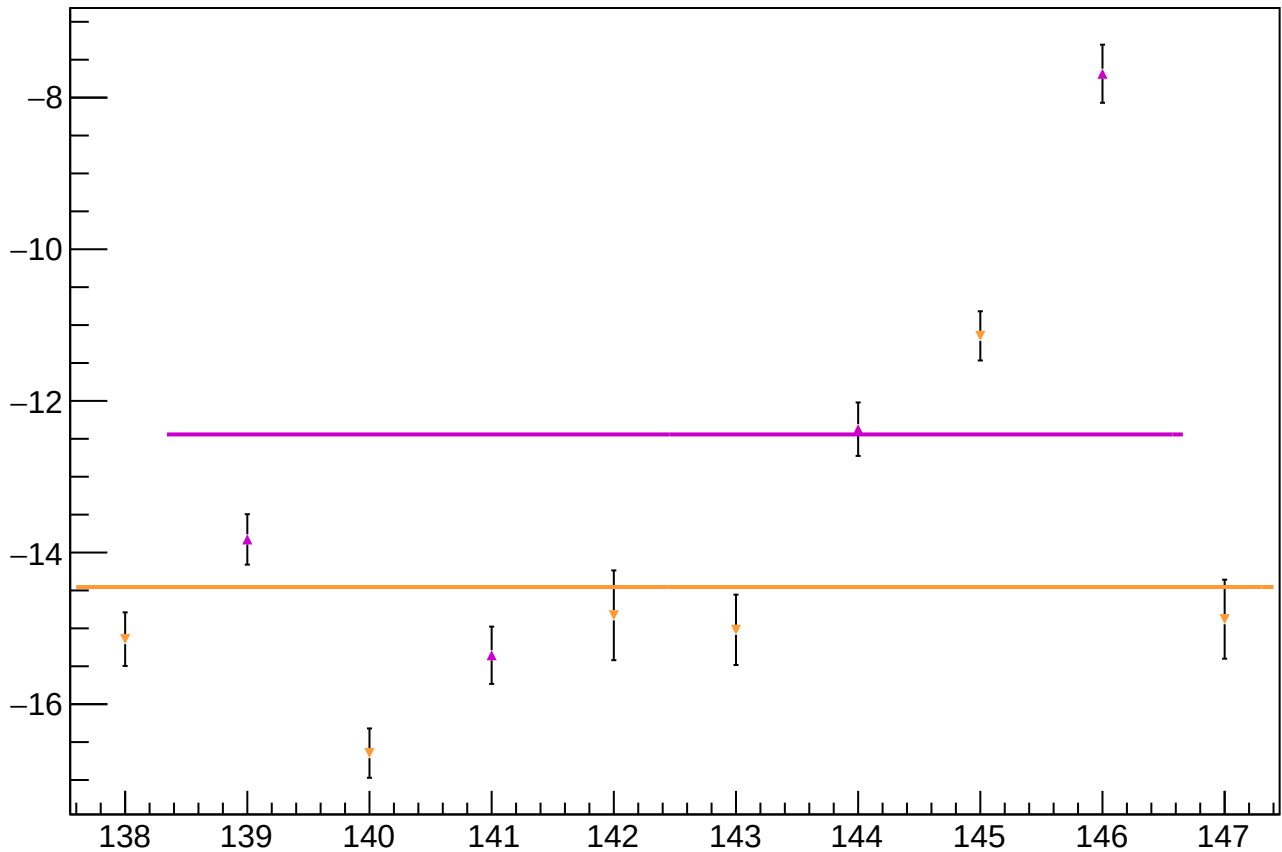
Left In: -0.300 ± 0.020 χ^2/NDF : 47.2/3

+ sign -0.337 ± 0.014 χ^2/NDF : 522.7/22

All: -0.378 ± 0.010 χ^2/NDF : 1229.4/45

- sign -0.421 ± 0.015 χ^2/NDF : 689.6/22

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: -14.455 $\pm$ 0.162 χ^2 /NDF:155.7/5

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

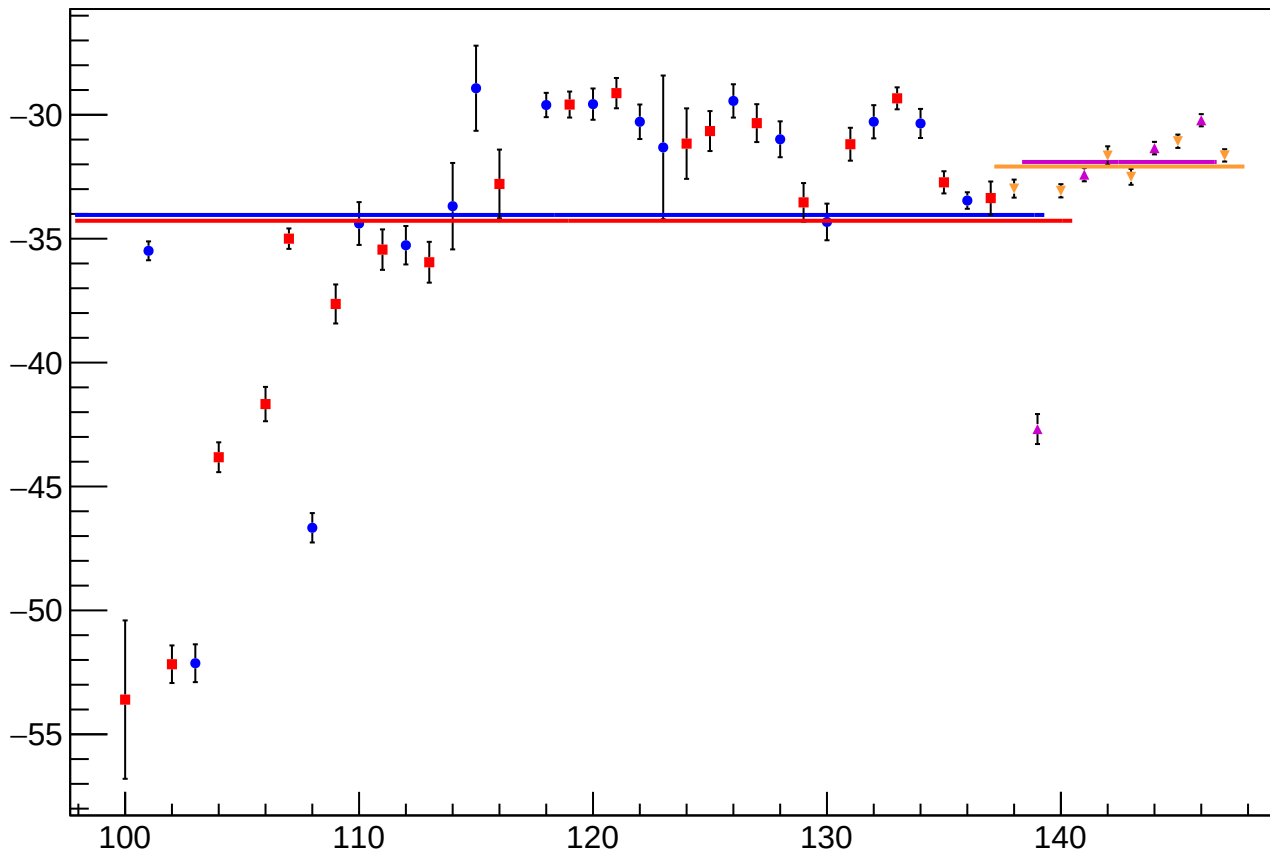
Left In: -12.442 $\pm$ 0.180 χ^2 /NDF:230.9/3

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

All: -13.553 $\pm$ 0.120 χ^2 /NDF: 455.7/9

- 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: -32.088 ± 0.121 χ^2/NDF : 40.1/5

Right Out: -34.277 ± 0.151 χ^2/NDF : 1349.5/18

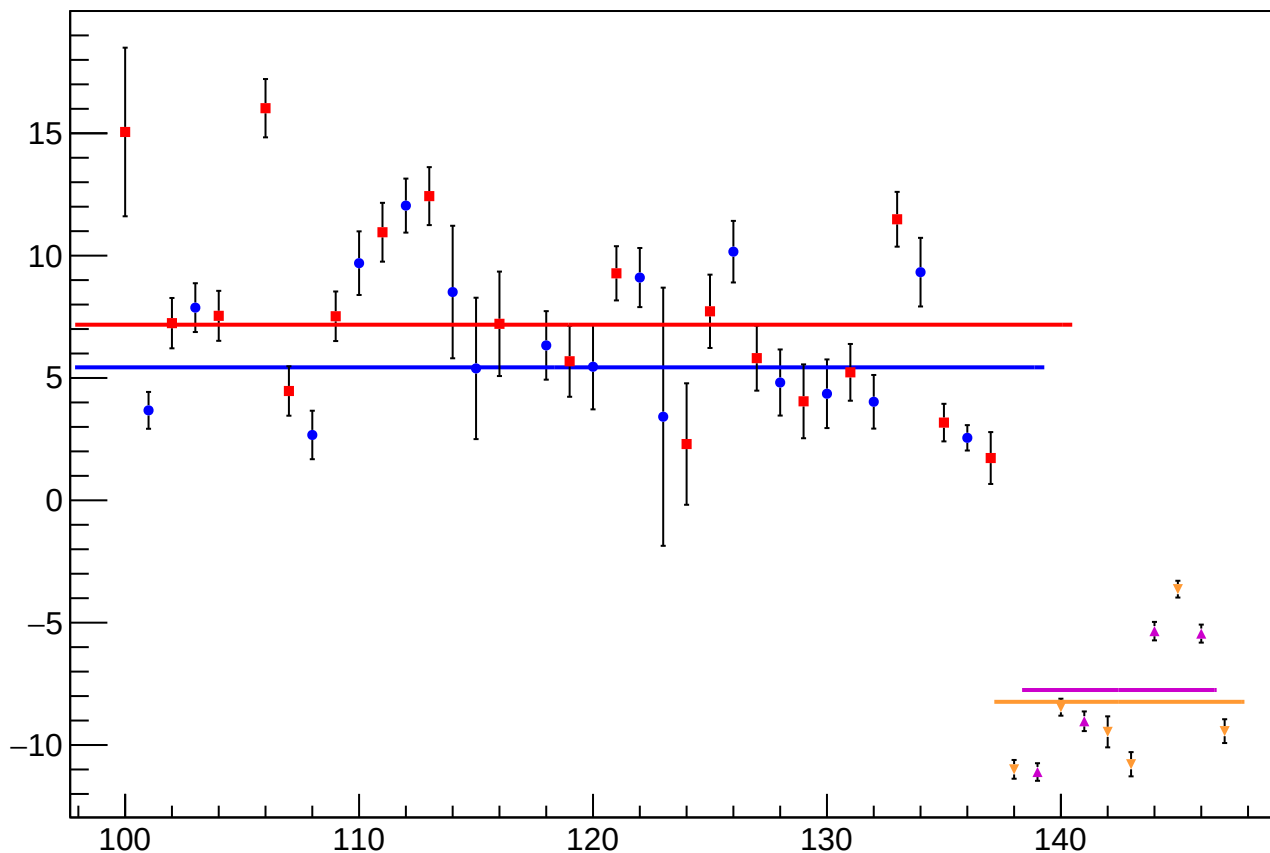
Left In: -31.904 ± 0.144 χ^2/NDF : 372.0/3

+ sign -32.855 ± 0.094 χ^2/NDF : 1482.9/22

All: -32.935 ± 0.070 χ^2/NDF : 3335.8/45

- sign -33.032 ± 0.104 χ^2/NDF : 1851.3/22

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: -8.235 ± 0.170 χ^2/NDF : 268.7/5

Right Out: 7.177 ± 0.274 χ^2/NDF : 182.6/18

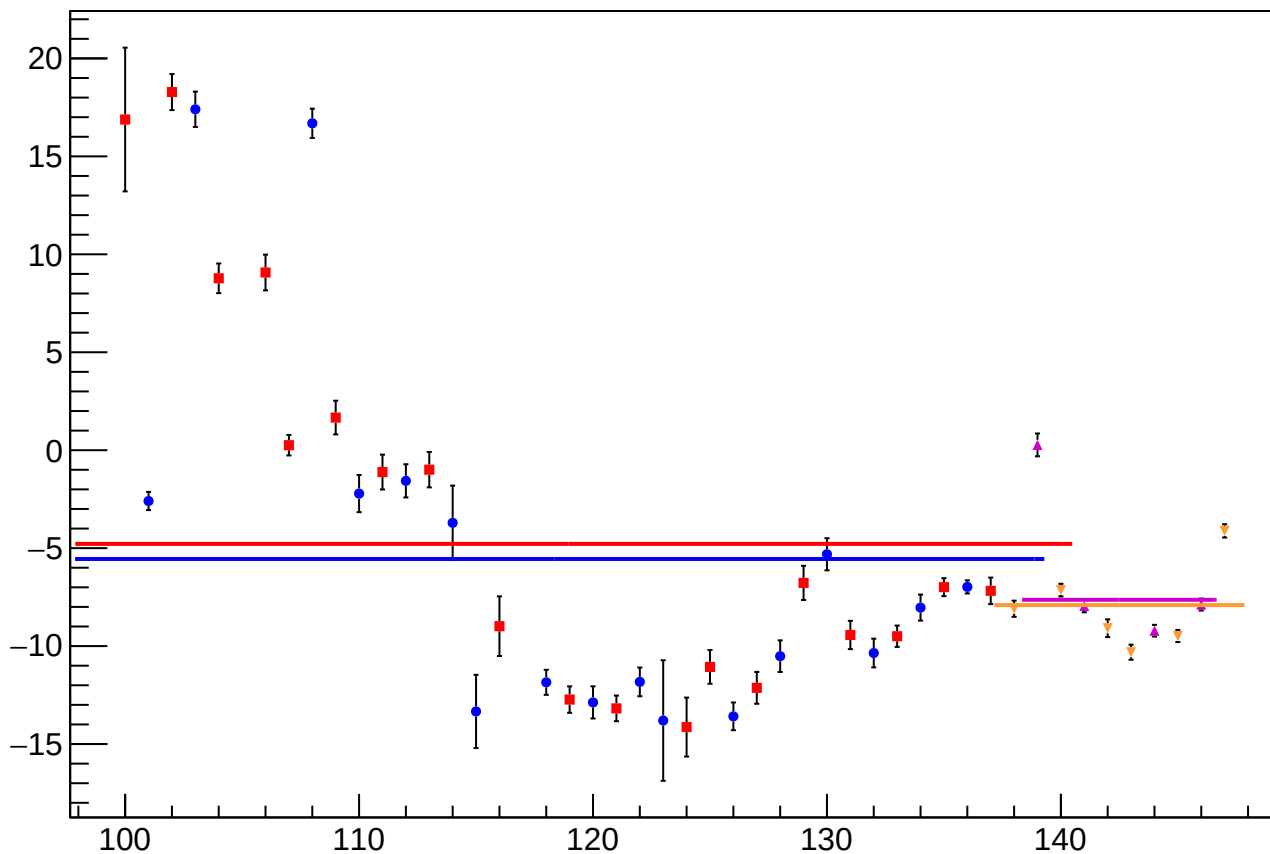
Left In: -7.752 ± 0.188 χ^2/NDF : 176.9/3

+ sign -4.330 ± 0.144 χ^2/NDF : 2237.6/22

All: -3.705 ± 0.106 χ^2/NDF : 4655.3/45

- sign -2.982 ± 0.155 χ^2/NDF : 2377.2/22

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: -7.906 ± 0.147 χ^2/NDF : 200.7/5

Right Out: -4.782 ± 0.173 χ^2/NDF : 2040.4/18

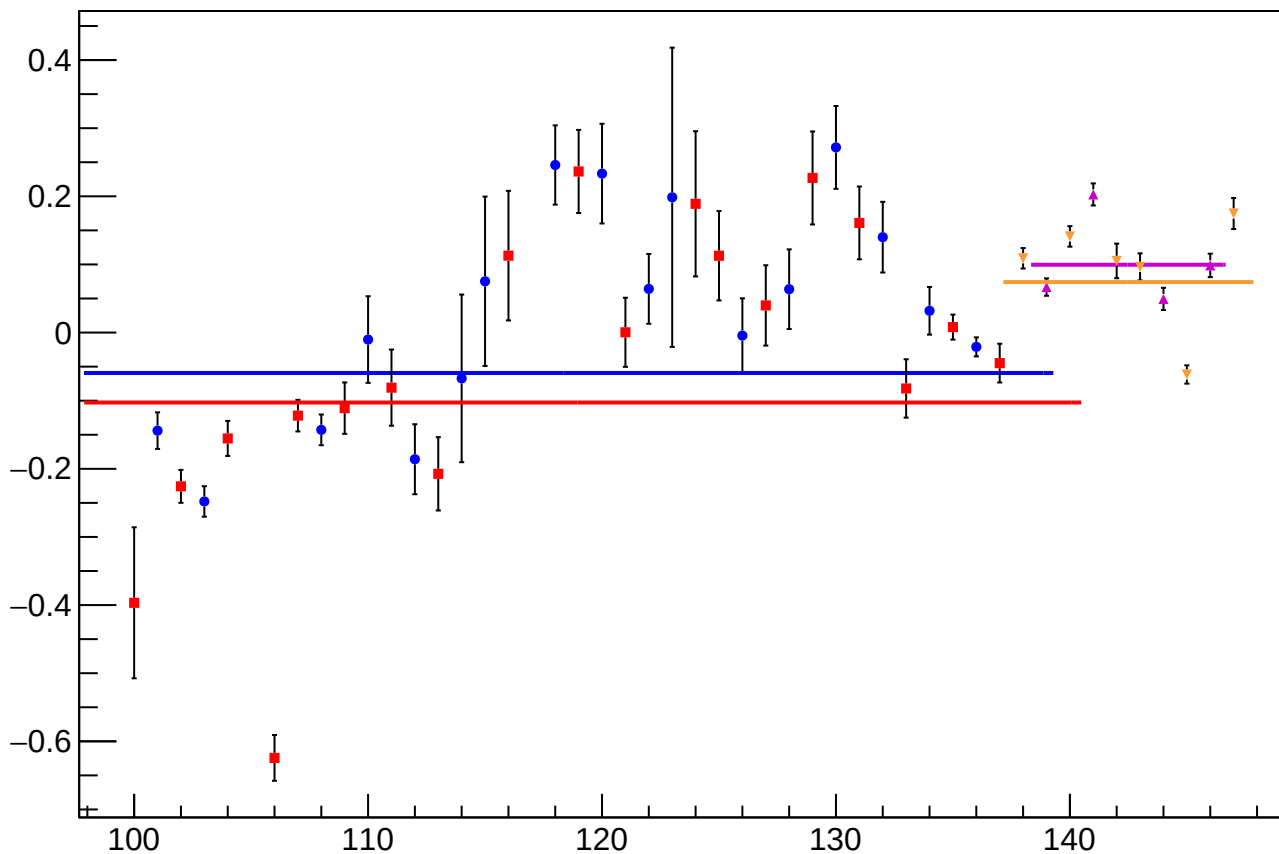
Left In: -7.636 ± 0.171 χ^2/NDF : 213.1/3

+ sign -6.897 ± 0.111 χ^2/NDF : 2435.5/22

All: -6.592 ± 0.082 χ^2/NDF : 4843.8/45

- sign -6.228 ± 0.121 χ^2/NDF : 2391.8/22

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: 0.074 ± 0.007 χ^2/NDF : 149.3/5

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.5/18

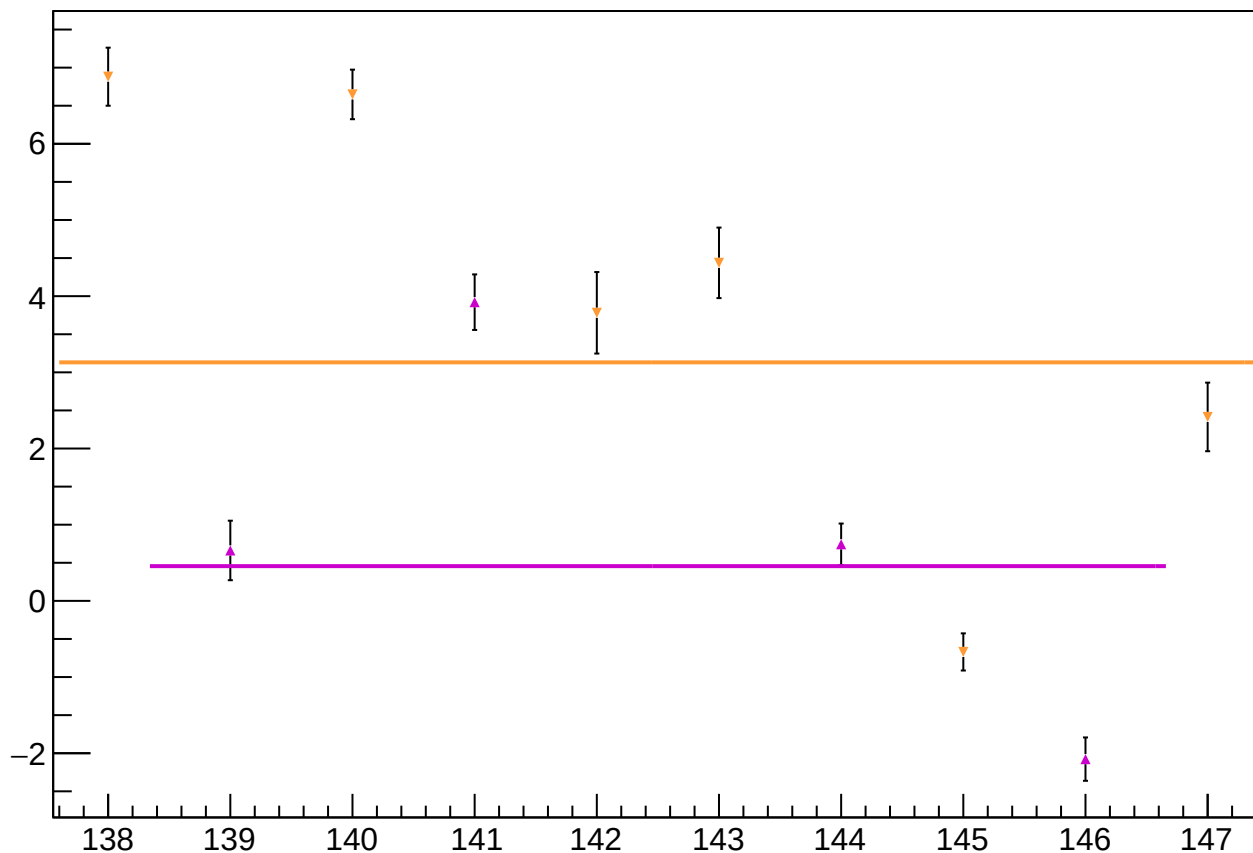
Left In: 0.100 ± 0.008 χ^2/NDF : 56.7/3

+ sign 0.019 ± 0.005 χ^2/NDF : 516.1/22

All: 0.014 ± 0.004 χ^2/NDF : 1326.6/45

- sign 0.008 ± 0.006 χ^2/NDF : 808.4/22

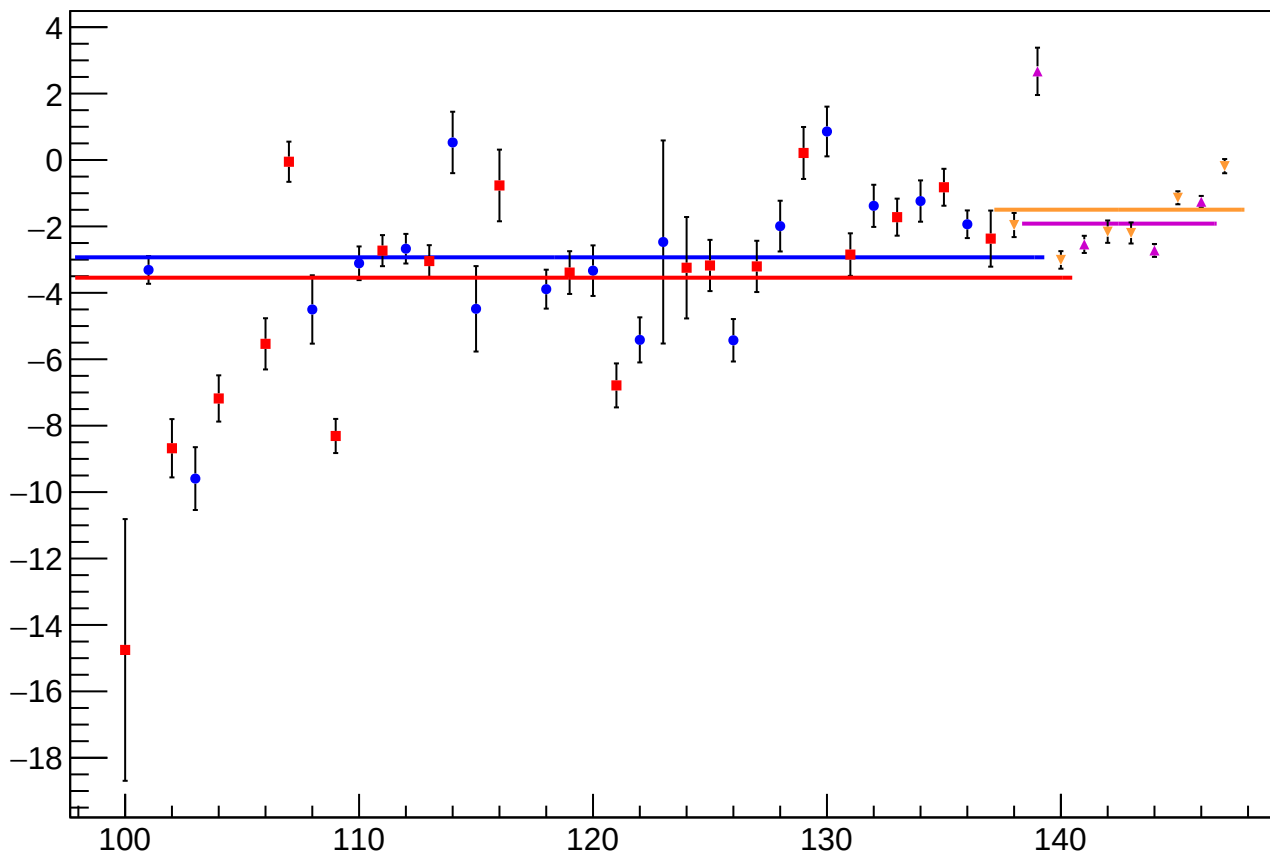
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.131 $\pm$ 0.147 χ^2 /NDF:468.7/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.456 $\pm$ 0.158 χ^2 /NDF:171.0/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 1.891 $\pm$ 0.108 χ^2 /NDF: 793.1/9
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.930 ± 0.154 χ^2/NDF : 146.5/16

Left Out: -1.496 ± 0.106 χ^2/NDF : 84.2/5

Right Out: -3.544 ± 0.155 χ^2/NDF : 291.7/18

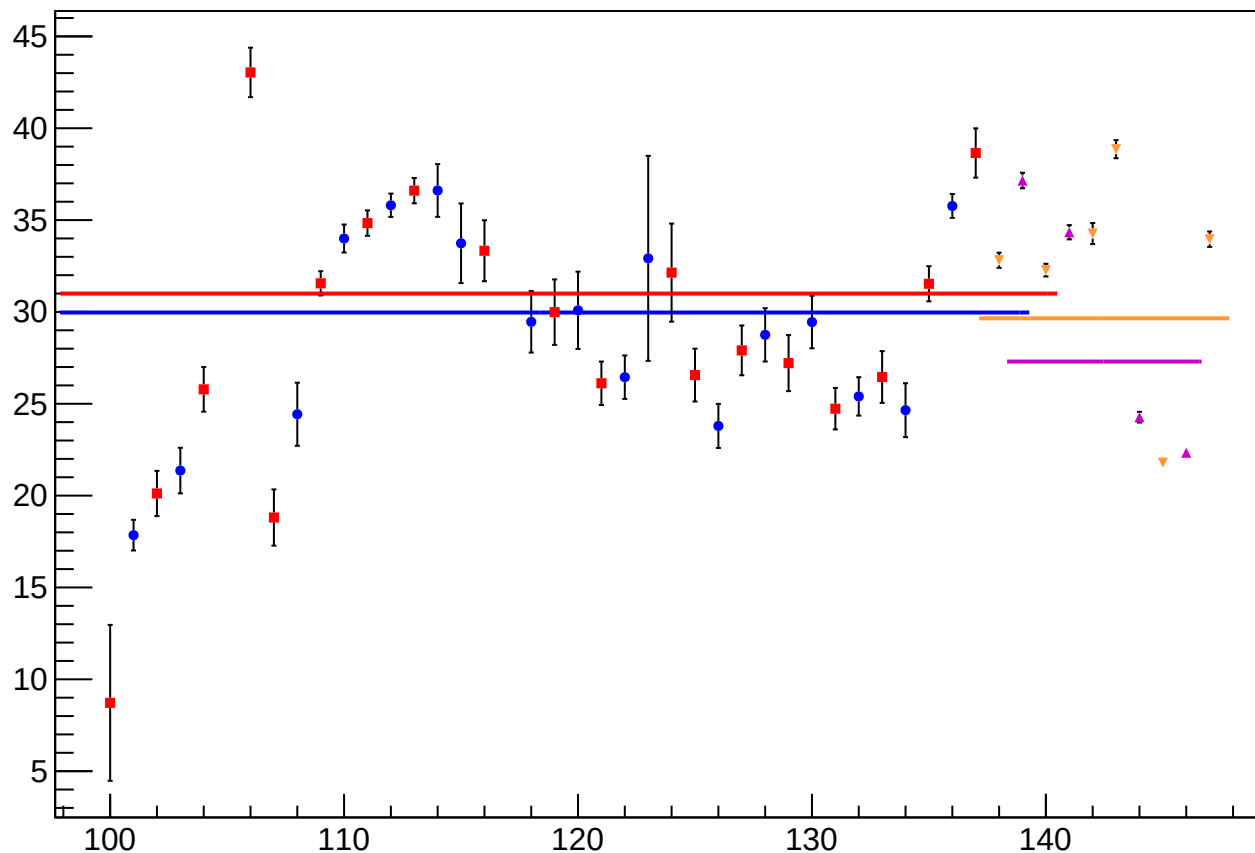
Left In: -1.916 ± 0.115 χ^2/NDF : 78.7/3

+ sign -1.959 ± 0.087 χ^2/NDF : 289.5/22

All: -2.213 ± 0.063 χ^2/NDF : 749.1/45

- sign -2.493 ± 0.092 χ^2/NDF : 441.9/22

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.969 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 29.654 $\pm$ 0.155 χ^2 /NDF:1549.2/5

Right Out: 31.000 $\pm$ 0.260 χ^2 /NDF: 479.5/18

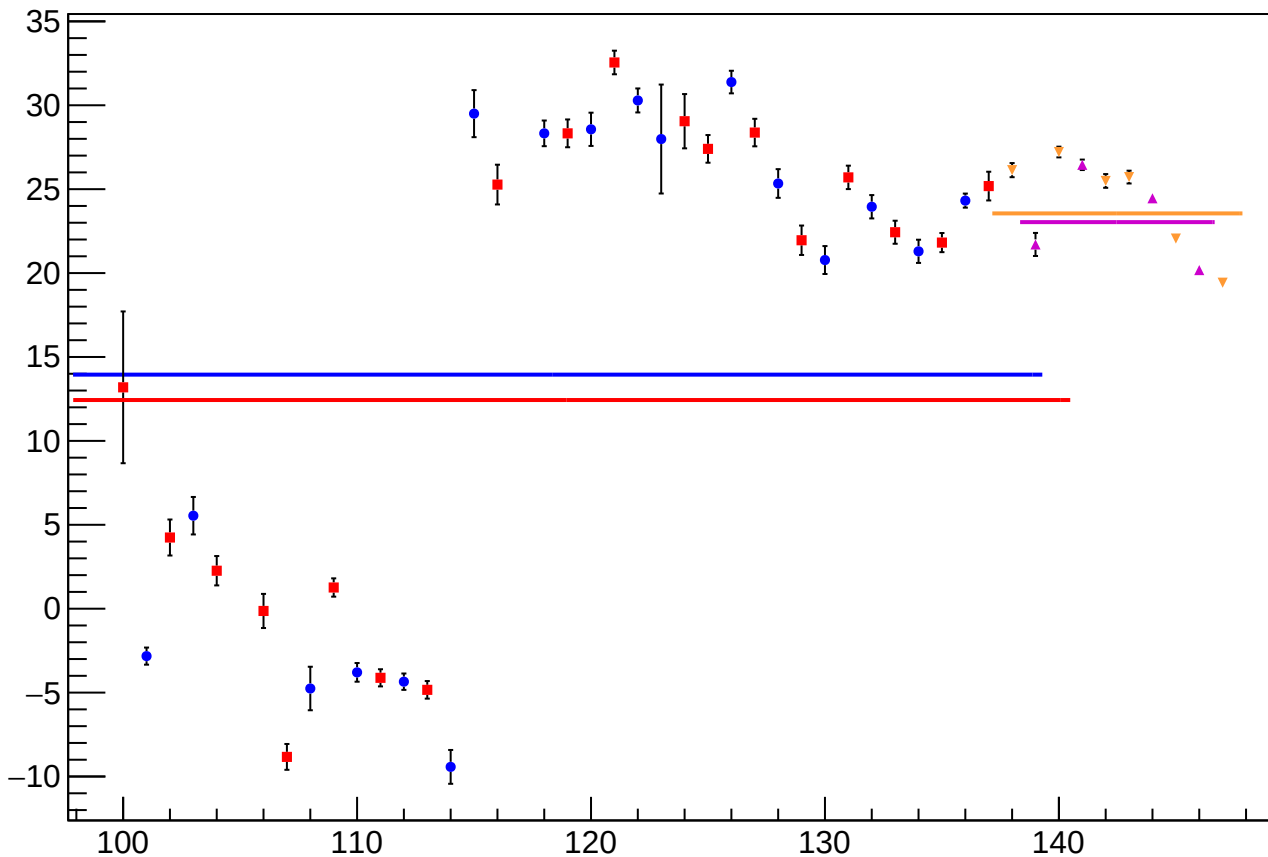
Left In: 27.298 $\pm$ 0.163 χ^2 /NDF:1312.7/3

+ sign 29.733 $\pm$ 0.134 χ^2 /NDF: 2104.5/22

All: 29.064 $\pm$ 0.096 χ^2 /NDF: 4093.9/45

- sign 28.347 $\pm$ 0.138 χ^2 /NDF: 1937.5/22

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: 23.556 $\pm$ 0.130 χ^2 /NDF:463.4/5

Right Out: 12.435 $\pm$ 0.174 χ^2 /NDF: 6962.9/18

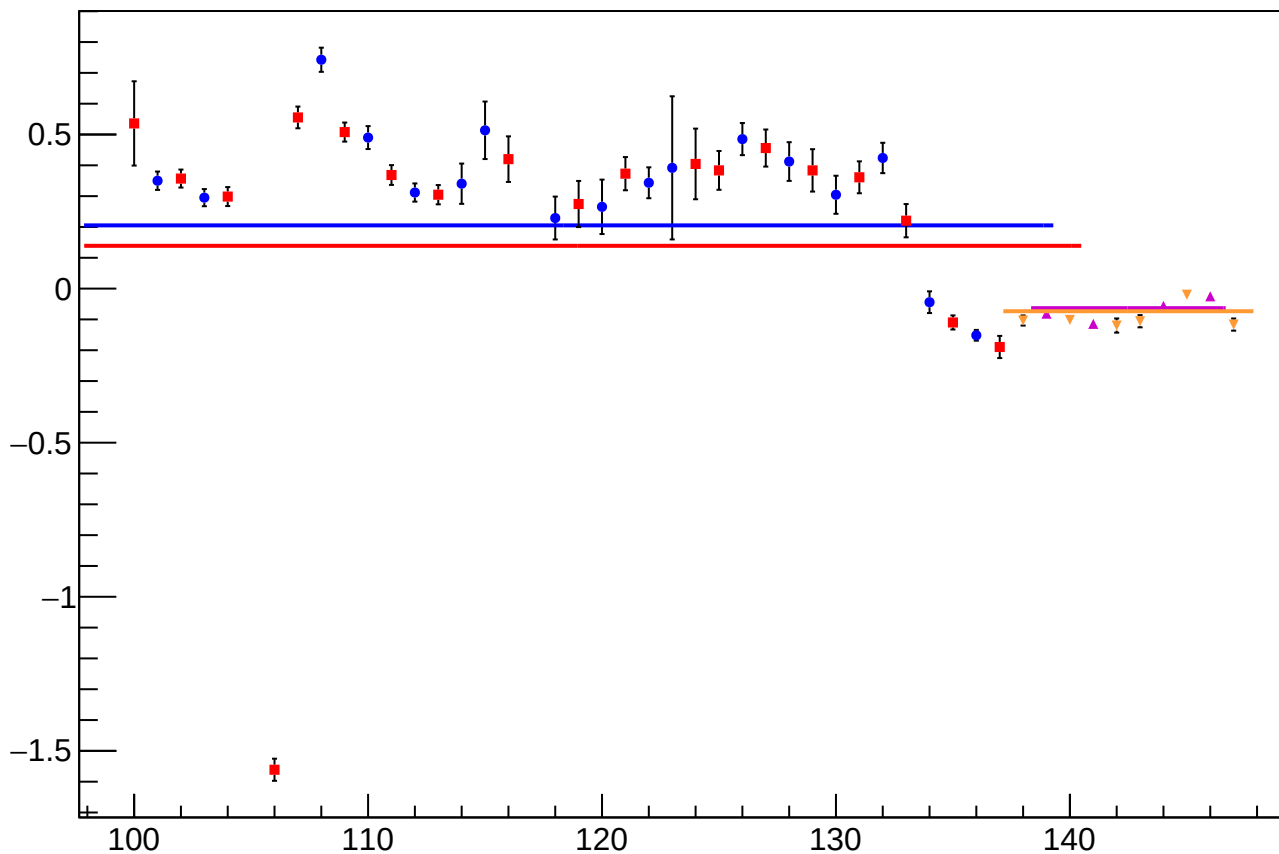
Left In: 23.036 $\pm$ 0.139 χ^2 /NDF:330.4/3

+ sign 20.065 $\pm$ 0.104 χ^2 /NDF: 9842.8/22

All: 19.511 $\pm$ 0.075 χ^2 /NDF: 19469.5/45

- sign 18.903 $\pm$ 0.108 χ^2 /NDF: 9566.7/22

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.2/16

Left Out: -0.073 $\pm$ 0.006 χ^2 /NDF: 46.2/5

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.8/18

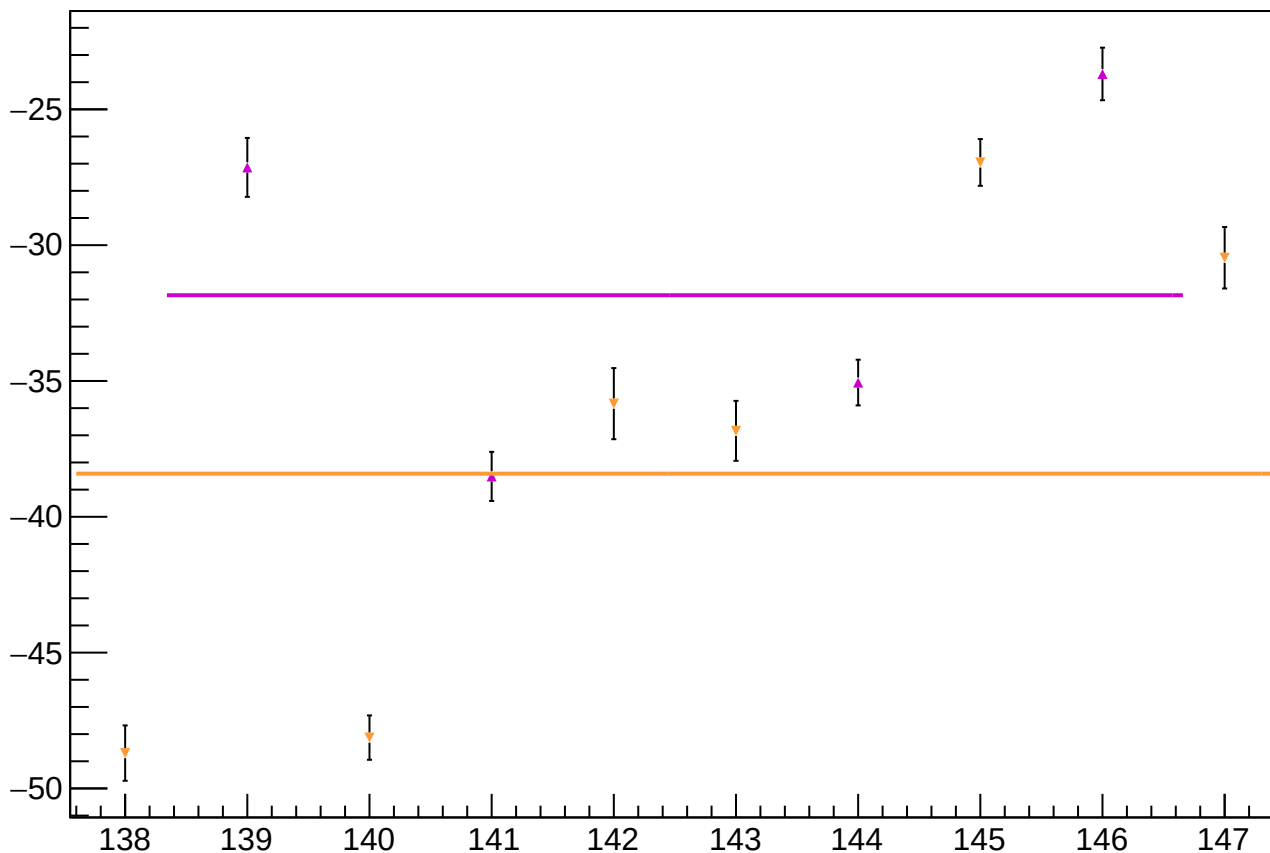
Left In: -0.064 $\pm$ 0.007 χ^2 /NDF: 21.5/3

+ sign 0.015 $\pm$ 0.005 χ^2 /NDF: 1498.4/22

All: 0.012 $\pm$ 0.004 χ^2 /NDF: 4847.4/45

- sign 0.009 $\pm$ 0.006 χ^2 /NDF: 3348.5/22

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -38.412 $\pm$ 0.408 χ^2 /NDF: 476.0/5

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

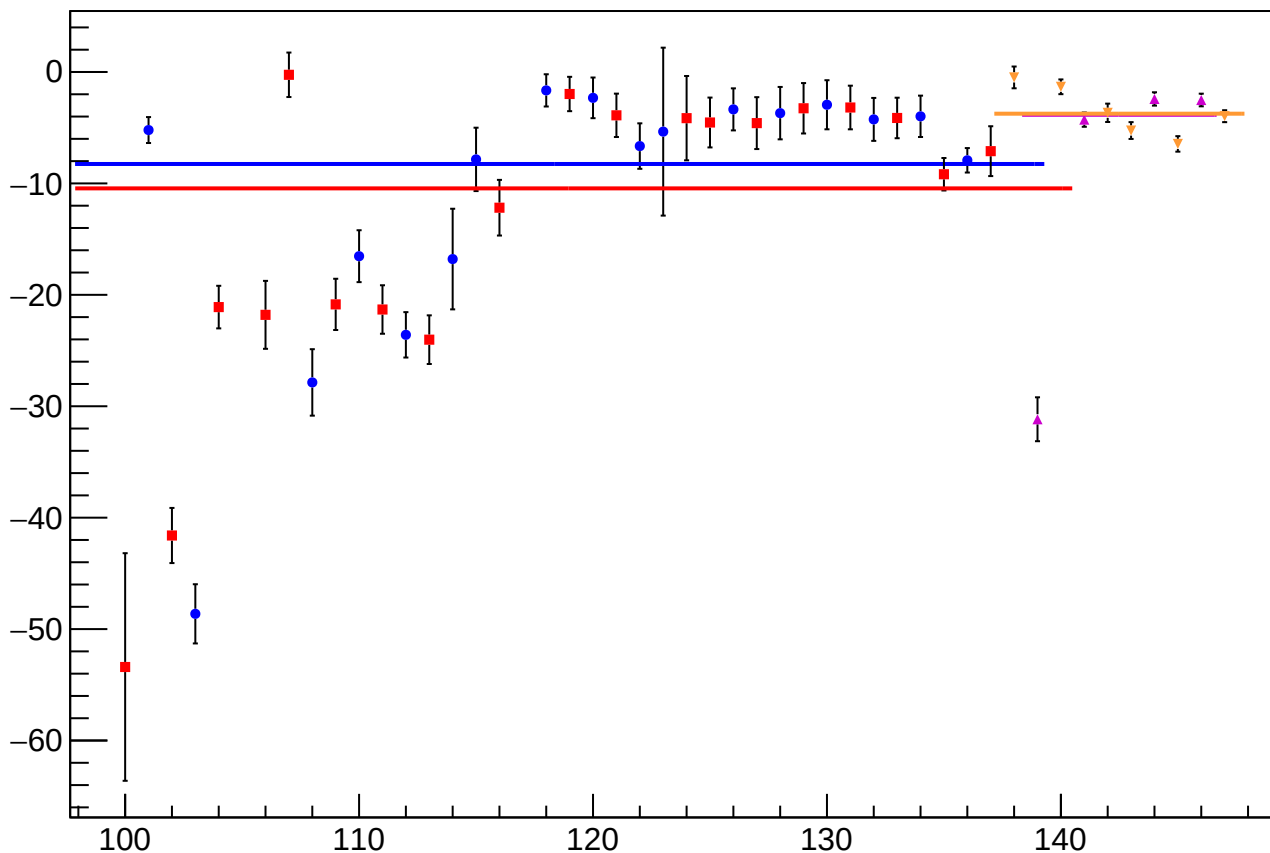
Left In: -31.843 $\pm$ 0.469 χ^2 /NDF: 158.7/3

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

All: -35.578 $\pm$ 0.308 χ^2 /NDF: 746.4/9

- sign 0.000 $\pm$ 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: -3.743 ± 0.287 $\chi^2/\text{NDF}: 43.8/5$

Right Out: -10.446 ± 0.491 $\chi^2/\text{NDF}: 428.4/18$

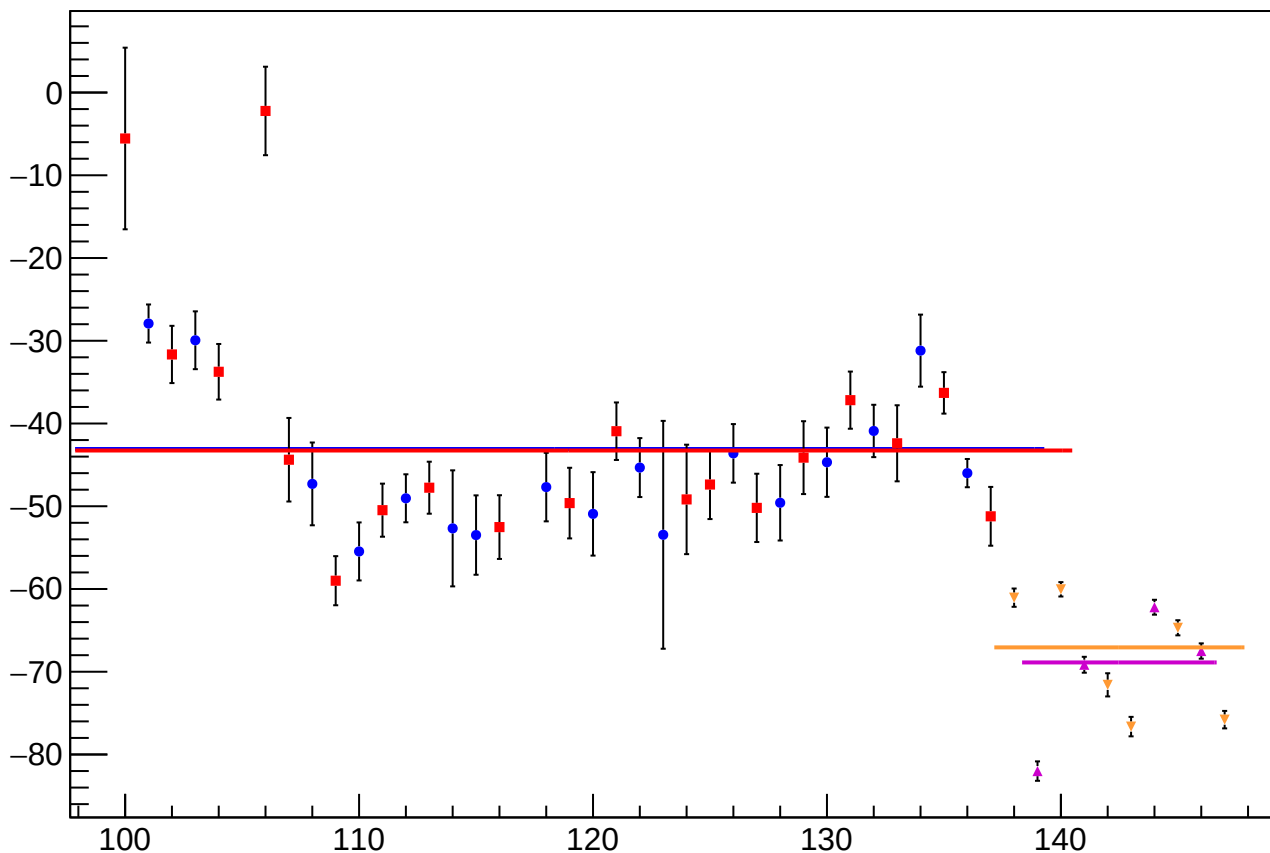
Left In: -3.843 ± 0.341 $\chi^2/\text{NDF}: 203.9/3$

+ sign -5.002 ± 0.244 $\chi^2/\text{NDF}: 524.7/22$

All: -5.429 ± 0.184 $\chi^2/\text{NDF}: 1286.0/45$

- sign -5.992 ± 0.280 $\chi^2/\text{NDF}: 754.2/22$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 χ^2/NDF : 99.2/16

Left Out: -67.057 ± 0.428 χ^2/NDF : 246.4/5

Right Out: -43.262 ± 0.866 χ^2/NDF : 154.2/18

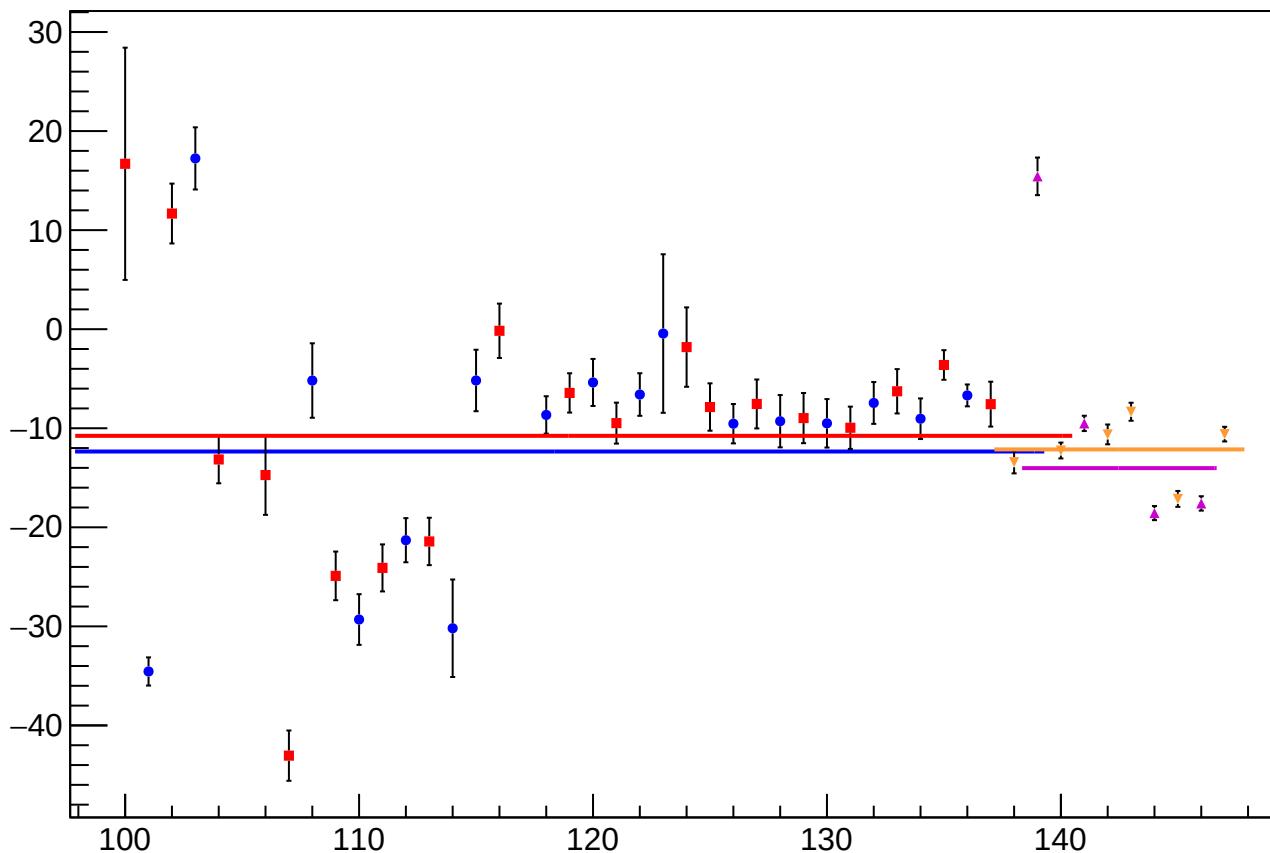
Left In: -68.877 ± 0.488 χ^2/NDF : 182.4/3

+ sign -62.066 ± 0.381 χ^2/NDF : 999.6/22

All: -62.356 ± 0.284 χ^2/NDF : 2001.3/45

- sign -62.717 ± 0.425 χ^2/NDF : 1000.4/22

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348 $\pm$ 0.520 χ^2/NDF : 475.9/16

Left Out: -12.136 $\pm$ 0.355 χ^2/NDF : 64.2/5

Right Out: -10.765 $\pm$ 0.554 χ^2/NDF : 366.6/18

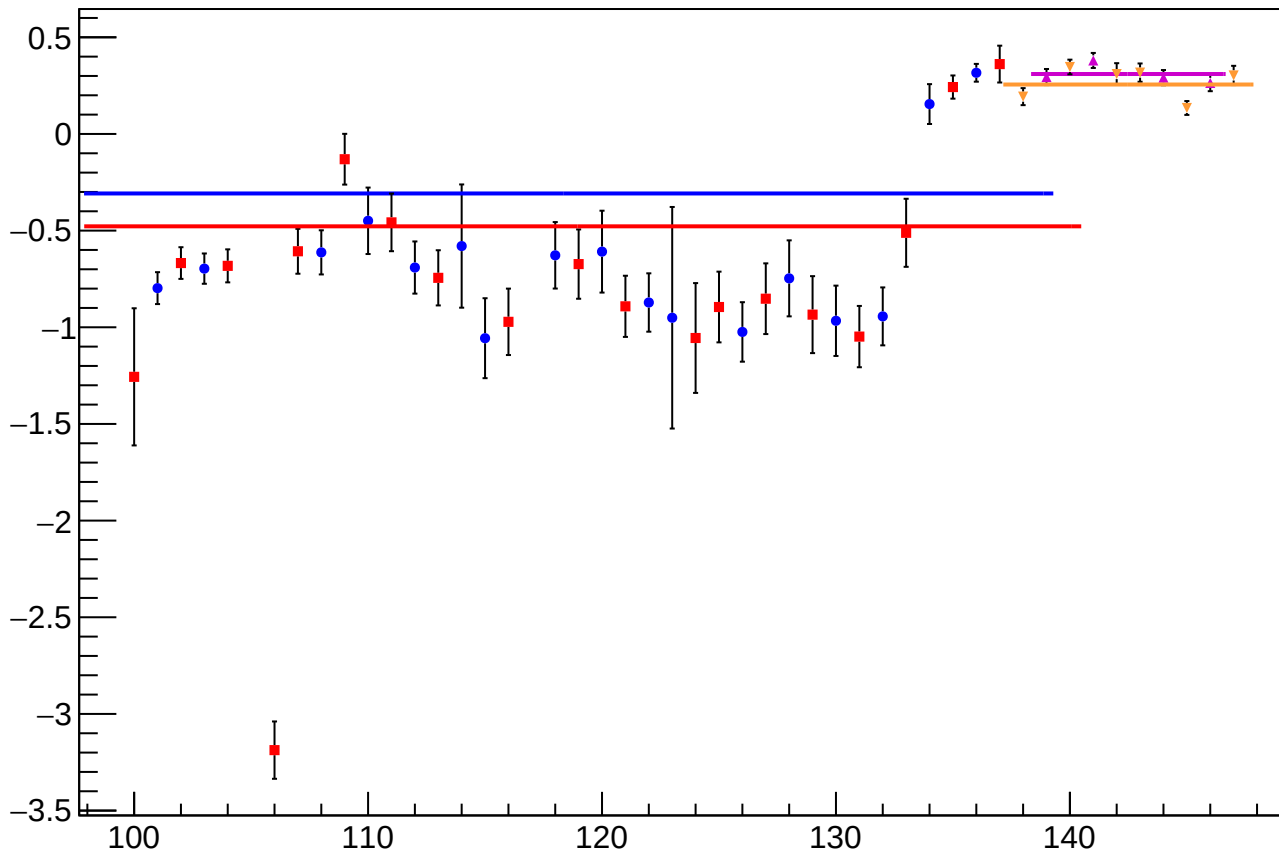
Left In: -14.026 $\pm$ 0.414 χ^2/NDF : 339.7/3

+ sign -12.204 $\pm$ 0.293 χ^2/NDF : 540.3/22

All: -12.489 $\pm$ 0.220 χ^2/NDF : 1271.0/45

- sign -12.855 $\pm$ 0.332 χ^2/NDF : 728.6/22

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: 0.256 ± 0.018 χ^2/NDF : 22.7/5

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.2/18

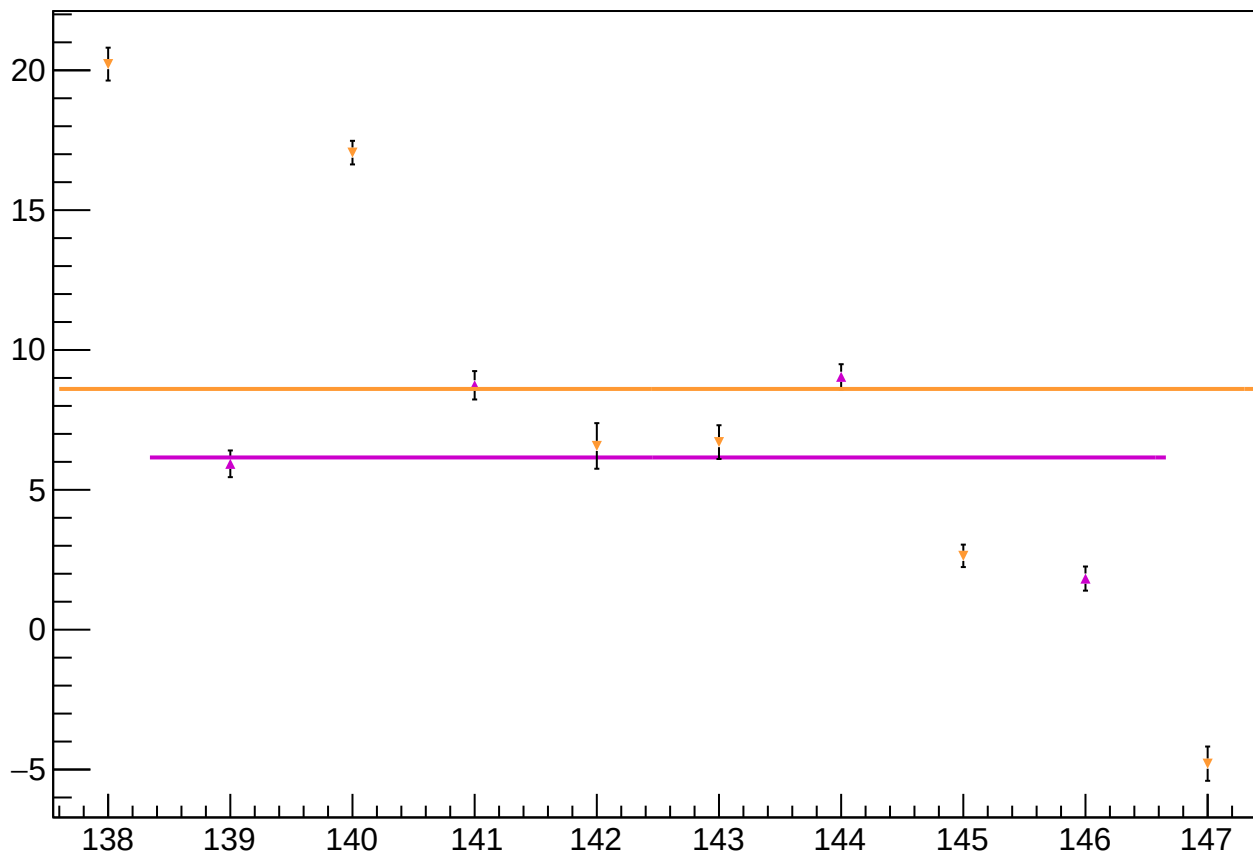
Left In: 0.310 ± 0.020 χ^2/NDF : 4.8/3

+ sign 0.089 ± 0.015 χ^2/NDF : 690.8/22

All: 0.070 ± 0.011 χ^2/NDF : 1837.5/45

- sign 0.046 ± 0.017 χ^2/NDF : 1142.9/22

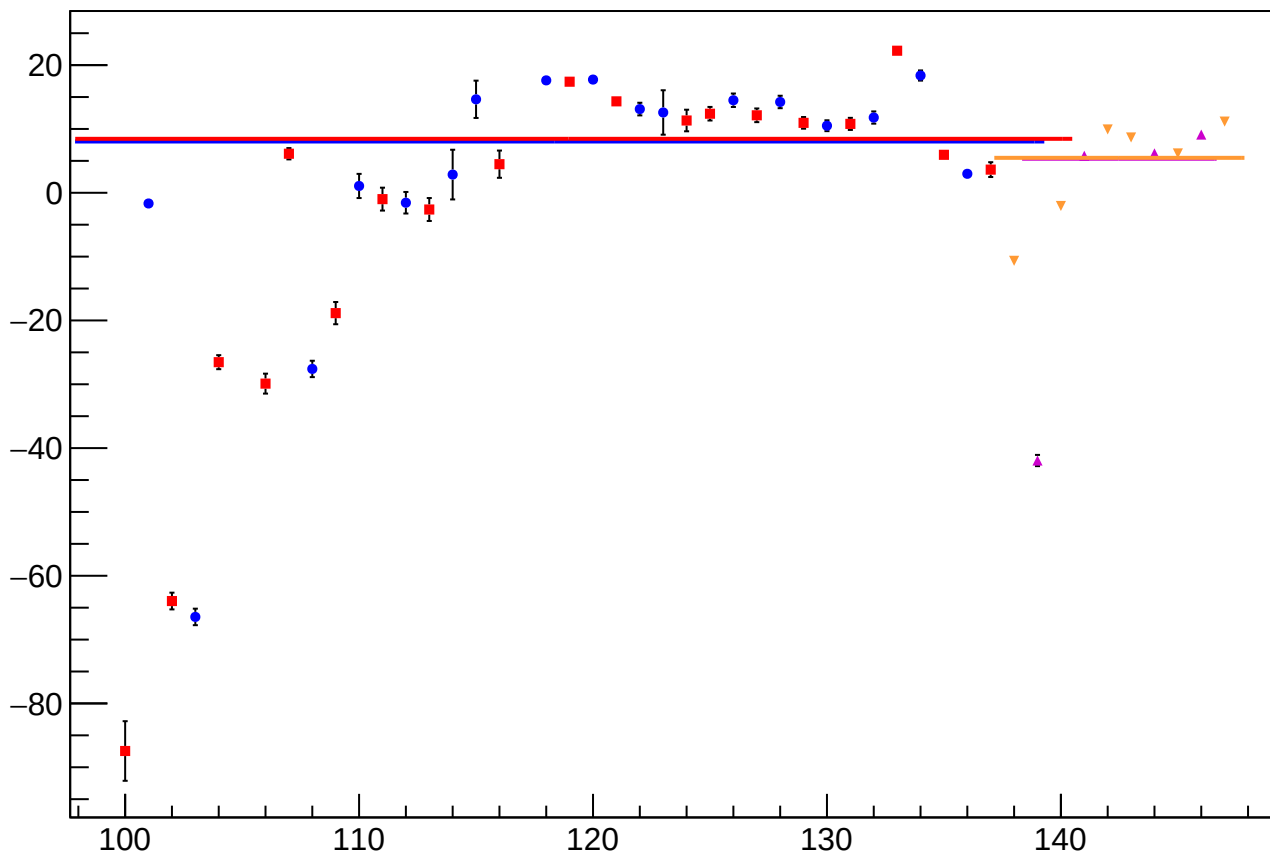
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.607 $\pm$ 0.215 χ^2 /NDF:1506.9/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 6.157 $\pm$ 0.232 χ^2 /NDF:168.1/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 7.475 $\pm$ 0.158 χ^2 /NDF: 1735.0/9
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 8.036 ± 0.215 χ^2/NDF : 5369.4/16

Left Out: 5.475 ± 0.156 χ^2/NDF : 1706.1/5

Right Out: 8.454 ± 0.213 χ^2/NDF : 6704.4/18

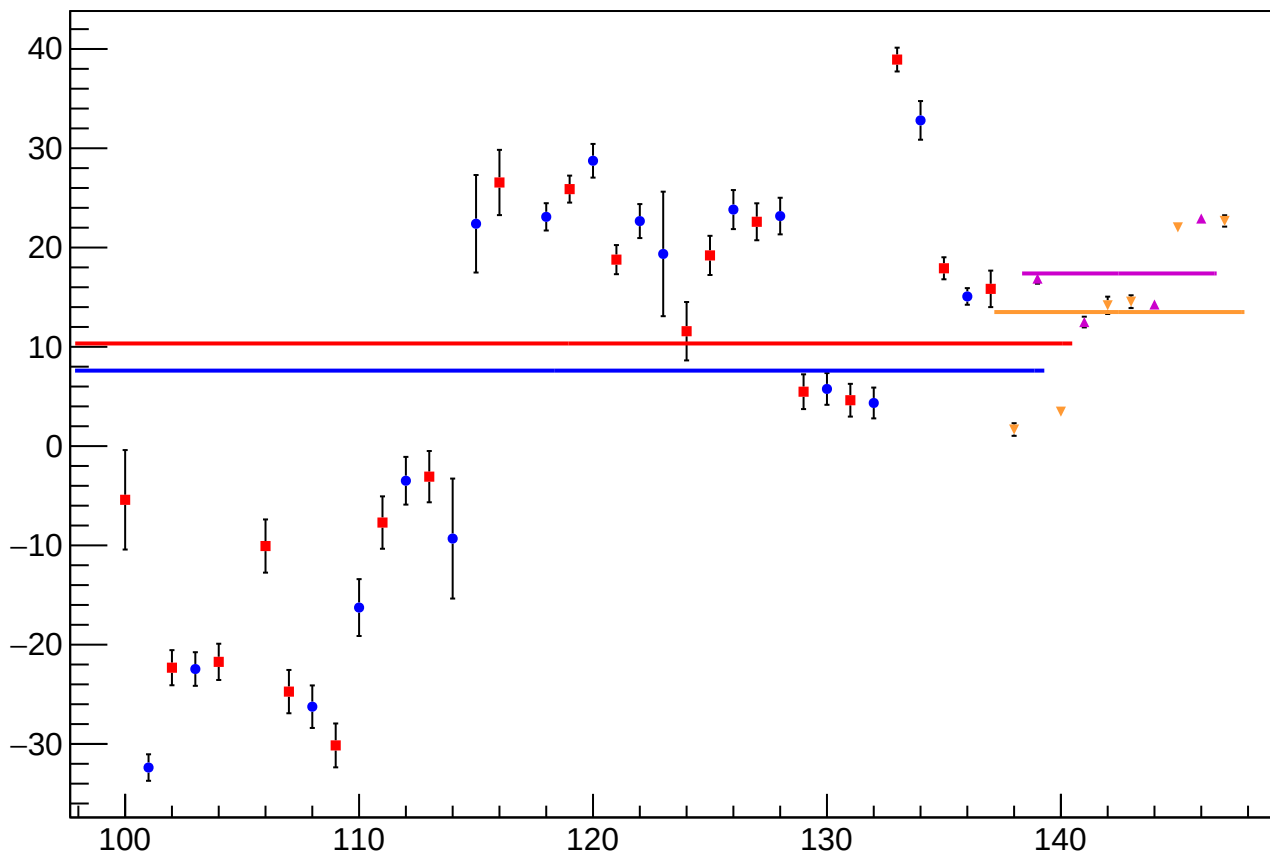
Left In: 5.335 ± 0.178 χ^2/NDF : 3085.0/3

+ sign 6.355 ± 0.126 χ^2/NDF : 7168.5/22

All: 6.475 ± 0.093 χ^2/NDF : 17085.9/45

- sign 6.615 ± 0.137 χ^2/NDF : 9915.4/22

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 $\pm$ 0.416 χ^2/NDF : 2325.0/16

Left Out: 13.503 $\pm$ 0.225 χ^2/NDF :1506.7/5

Right Out: 10.337 $\pm$ 0.416 χ^2/NDF : 2281.8/18

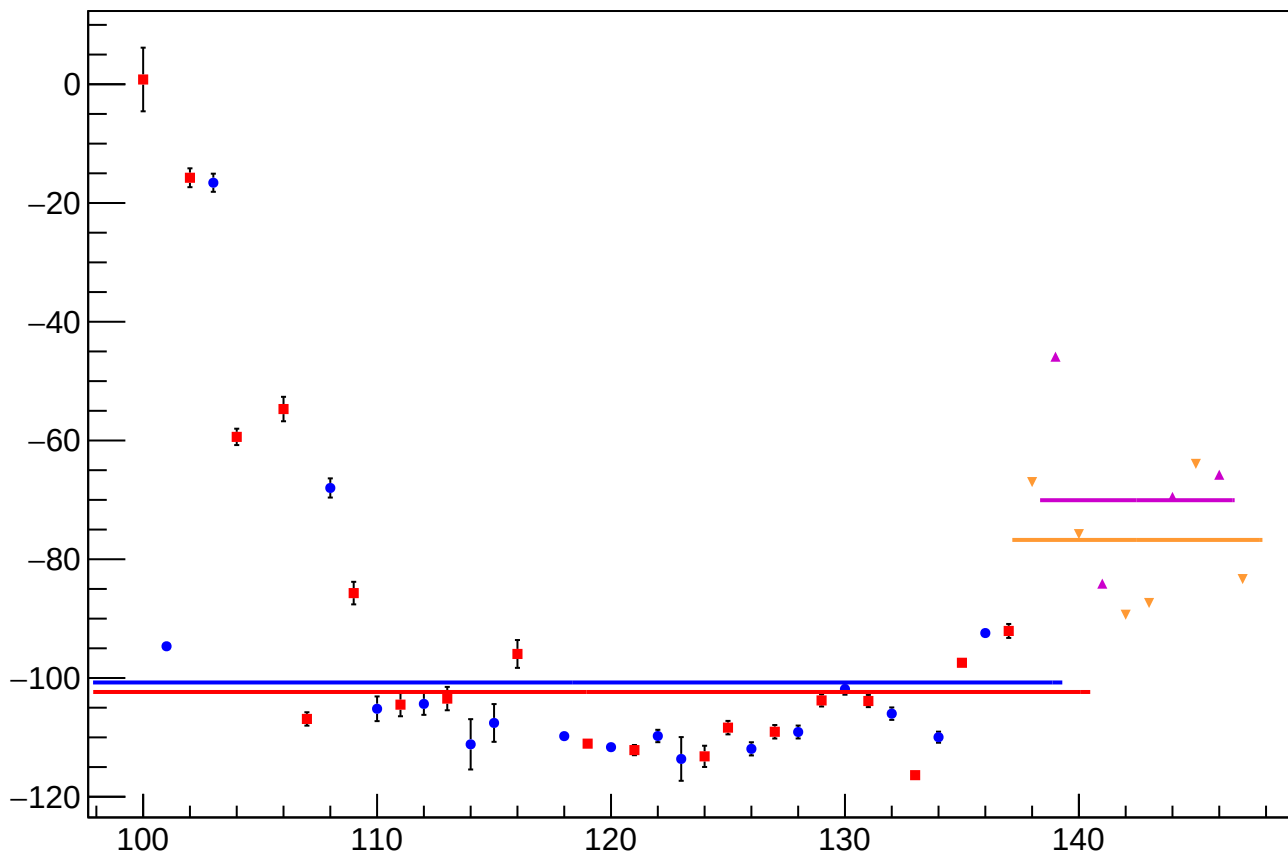
Left In: 17.390 $\pm$ 0.240 χ^2/NDF :303.6/3

+ sign 12.166 $\pm$ 0.198 χ^2/NDF : 3987.4/22

All: 13.812 $\pm$ 0.143 χ^2/NDF : 6933.4/45

- sign 15.630 $\pm$ 0.208 χ^2/NDF : 2800.6/22

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: -76.744 ± 0.191 $\chi^2/\text{NDF}: 2478.3/5$

Right Out: -102.354 ± 0.246 $\chi^2/\text{NDF}: 6078.9/18$

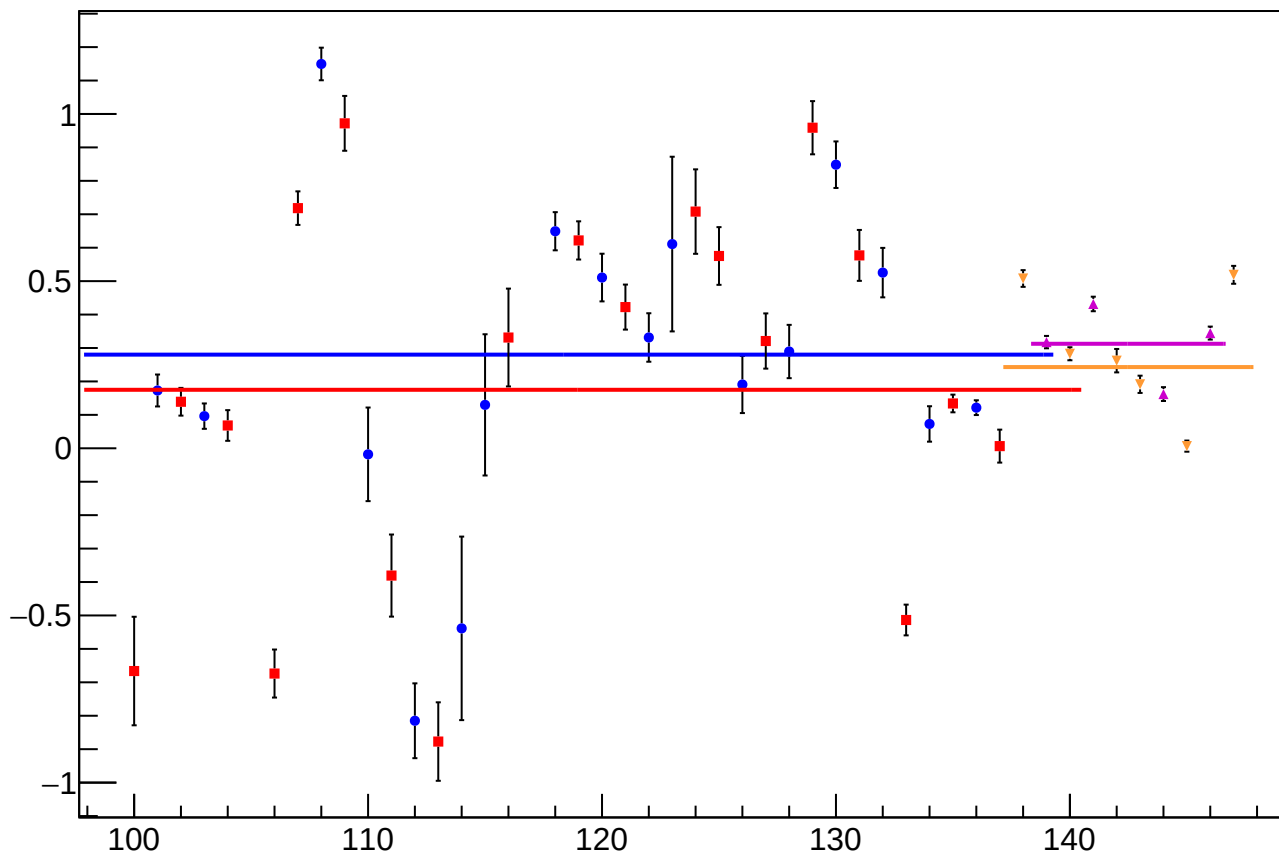
Left In: -70.055 ± 0.213 $\chi^2/\text{NDF}: 2009.0/3$

+ sign -85.666 ± 0.151 $\chi^2/\text{NDF}: 12889.7/22$

All: -84.833 ± 0.110 $\chi^2/\text{NDF}: 30880.3/45$

- sign -83.888 ± 0.161 $\chi^2/\text{NDF}: 17925.8/22$

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: 0.243 ± 0.009 χ^2/NDF : 428.3/5

Right Out: 0.175 ± 0.013 χ^2/NDF : 966.7/18

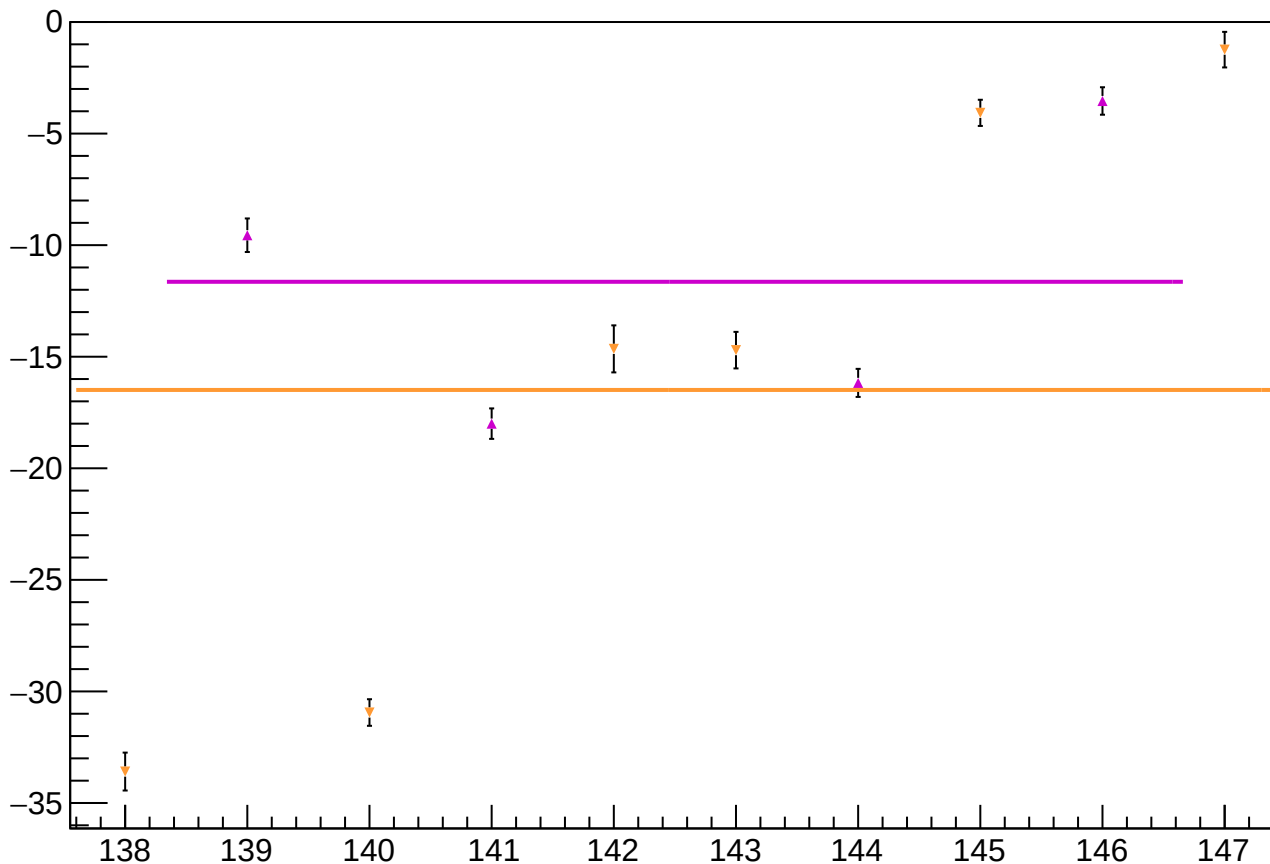
Left In: 0.313 ± 0.010 χ^2/NDF : 85.5/3

+ sign 0.255 ± 0.008 χ^2/NDF : 1089.4/22

All: 0.259 ± 0.006 χ^2/NDF : 2209.7/45

- sign 0.264 ± 0.008 χ^2/NDF : 1119.7/22

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.489+/-0.301 χ^2/NDF : 1815.5/5

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

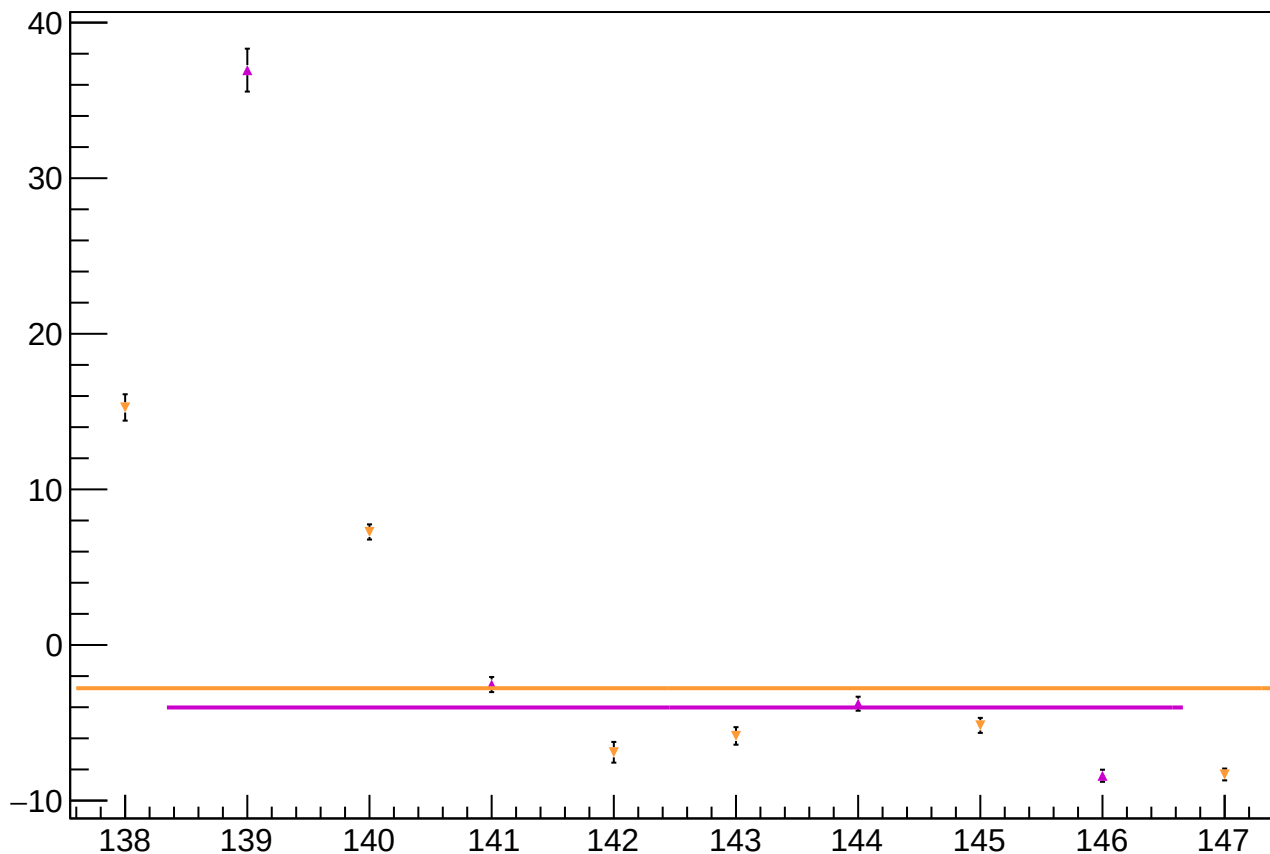
Left In: -11.642+/-0.332 χ^2/NDF : 319.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.305+/-0.223 χ^2/NDF : 2252.3/9

- 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: -2.779+/-0.213 χ^2/NDF : 1179.2/5

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

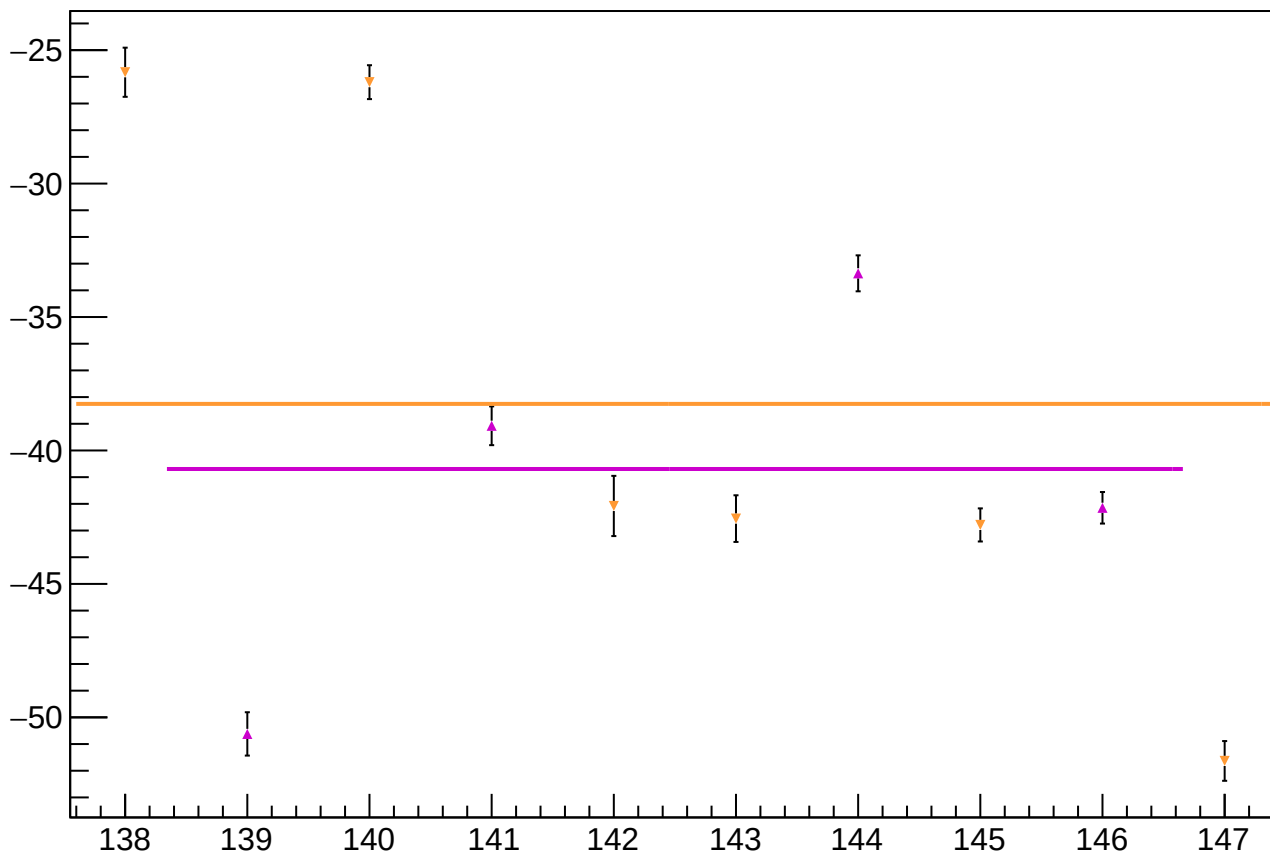
Left In: -4.016+/-0.248 χ^2/NDF : 1018.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.303+/-0.161 χ^2/NDF : 2212.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -38.255+/-0.314 χ^2/NDF : 954.6/5

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

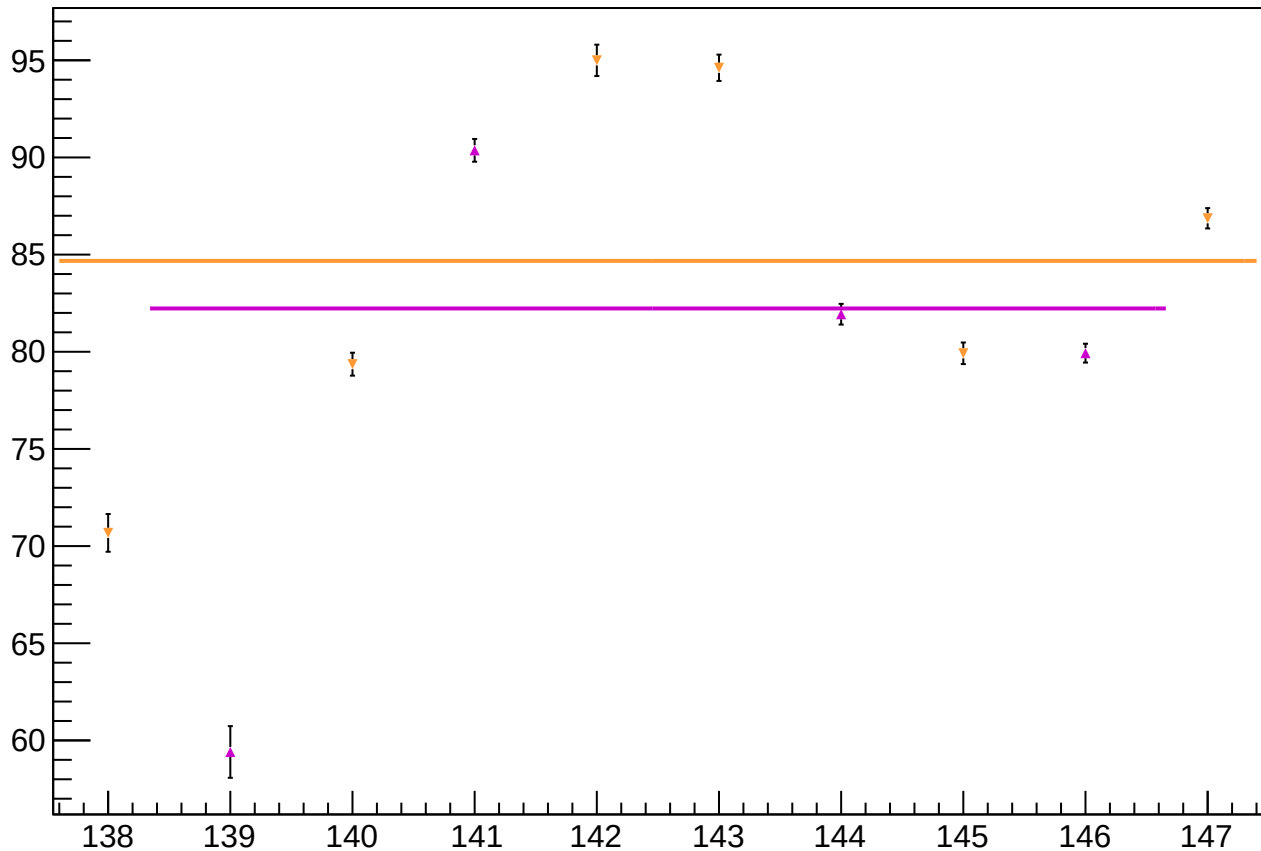
Left In: -40.694+/-0.343 χ^2/NDF : 278.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.364+/-0.232 χ^2/NDF : 1260.9/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 84.676+/-0.262 χ^2/NDF : 758.9/5

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

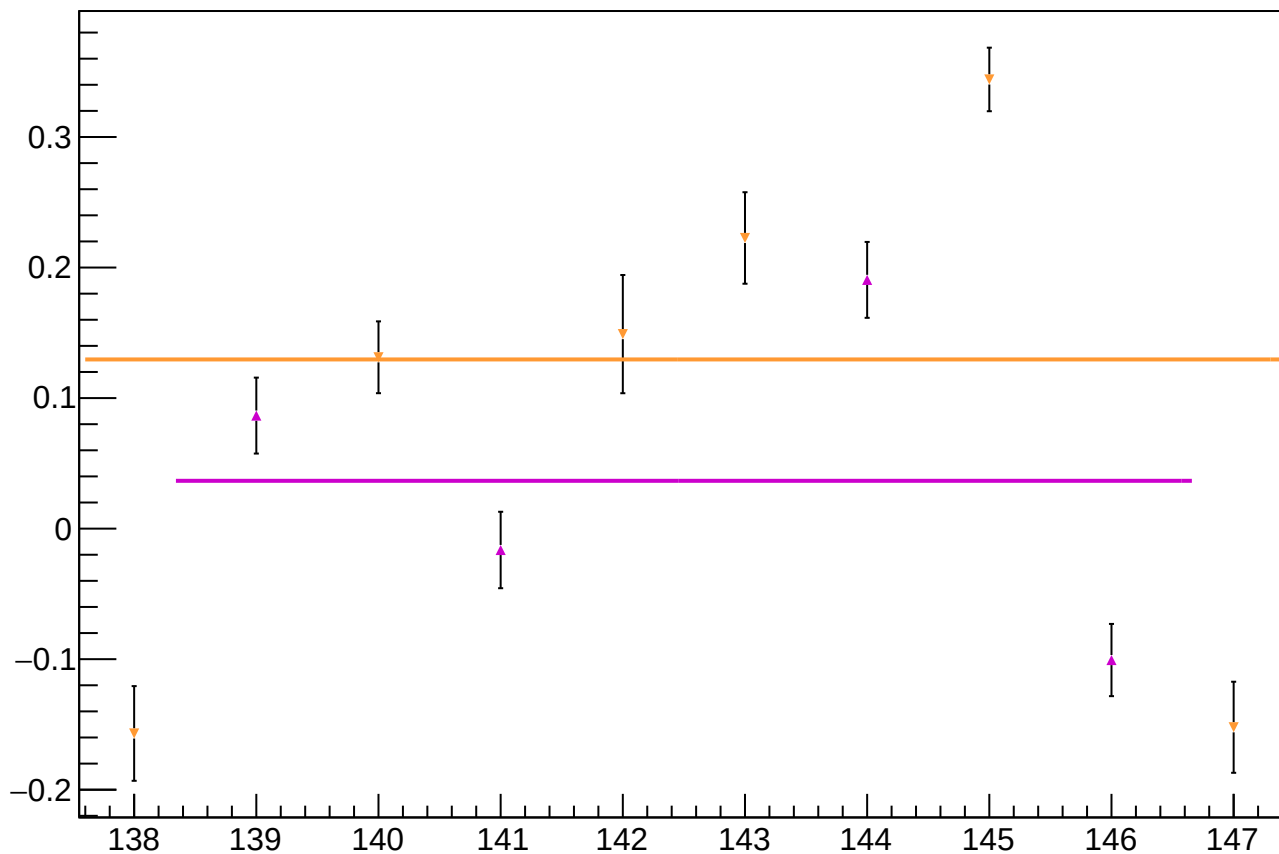
Left In: 82.229+/-0.298 χ^2/NDF : 510.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.609+/-0.197 χ^2/NDF : 1307.5/9

- 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: 0.130 $\pm$ 0.013 χ^2 /NDF:212.5/5

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

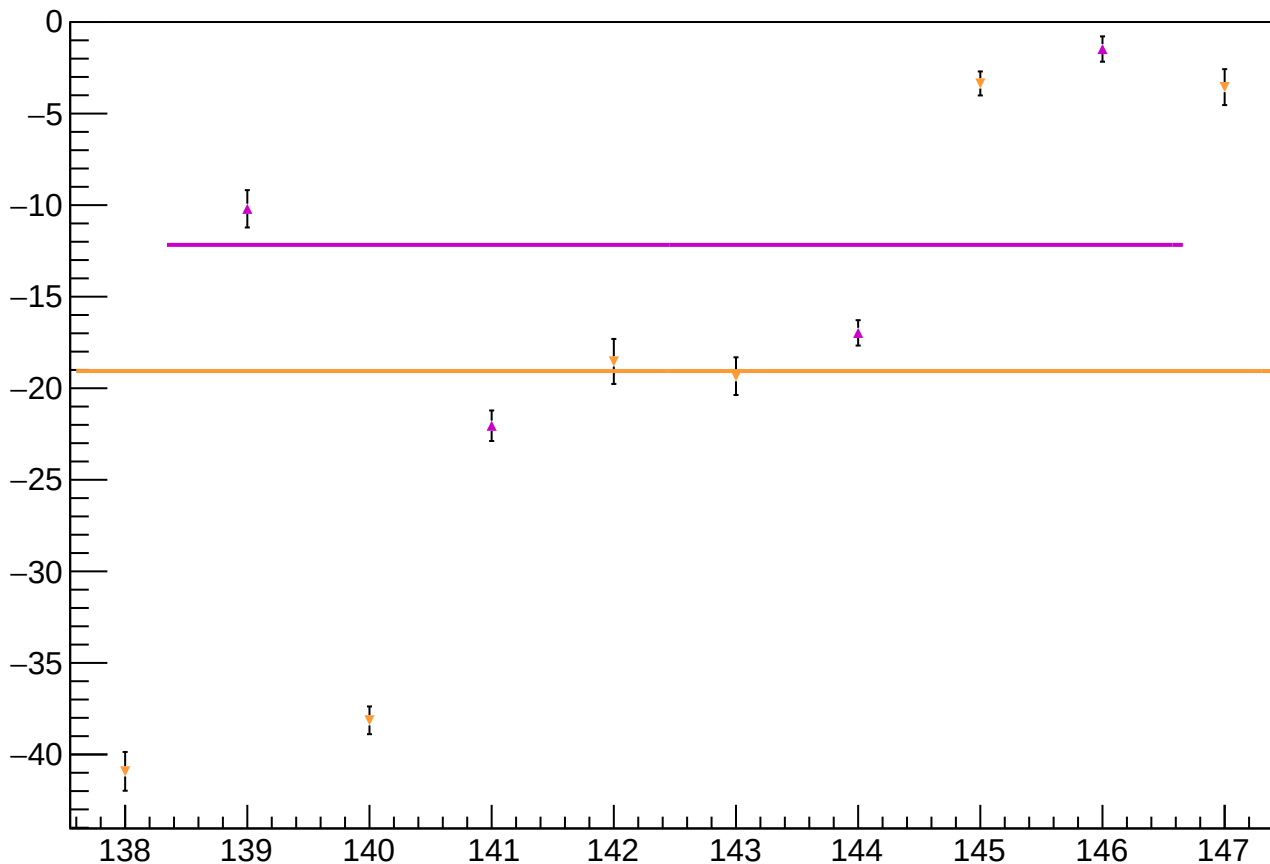
Left In: 0.037 $\pm$ 0.014 χ^2 /NDF:58.9/3

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

All: 0.088 $\pm$ 0.010 χ^2 /NDF: 294.4/9

- 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: -19.061+/-0.362 χ^2/NDF :1886.6/5

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

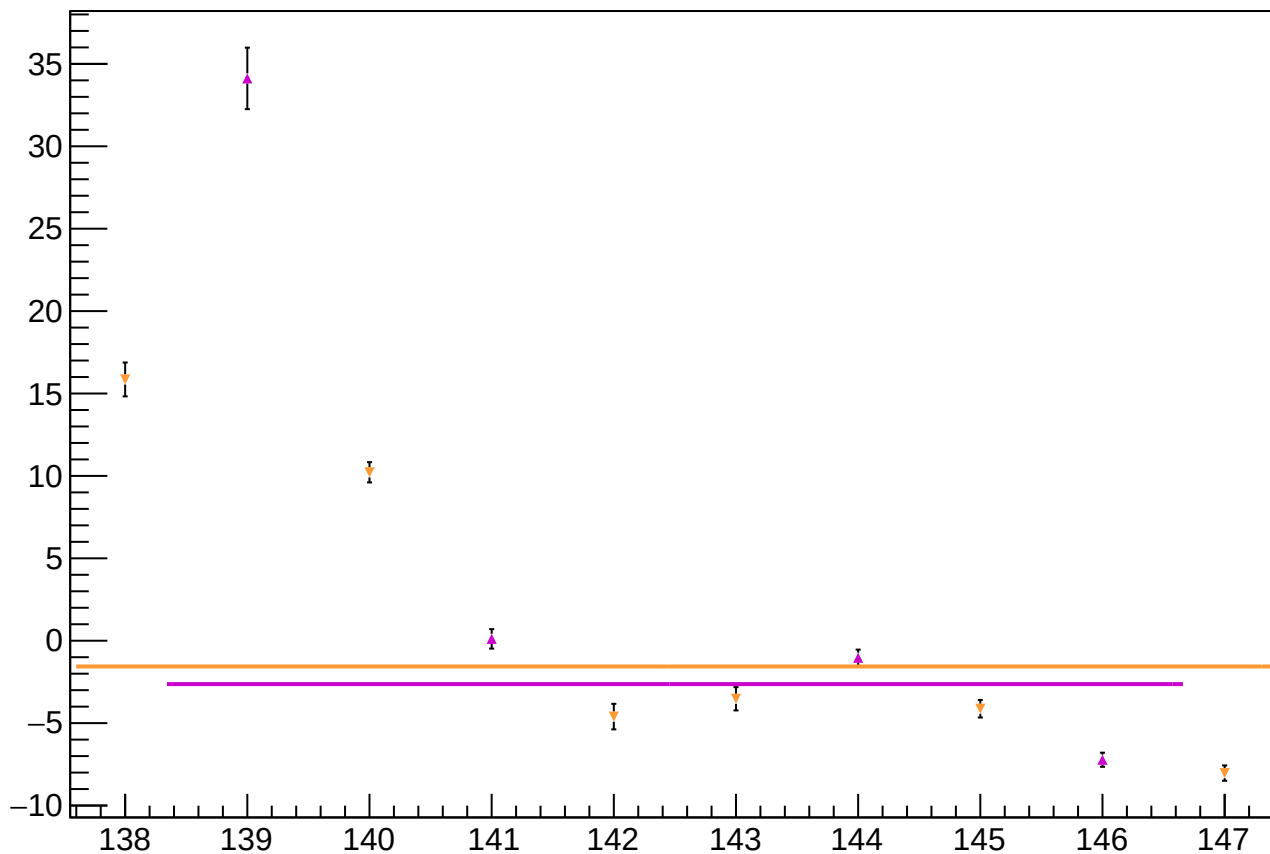
Left In: -12.171+/-0.390 χ^2/NDF :430.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.871+/-0.266 χ^2/NDF : 2484.9/9

- 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: -1.563+/-0.255 χ^2/NDF : 893.6/5

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

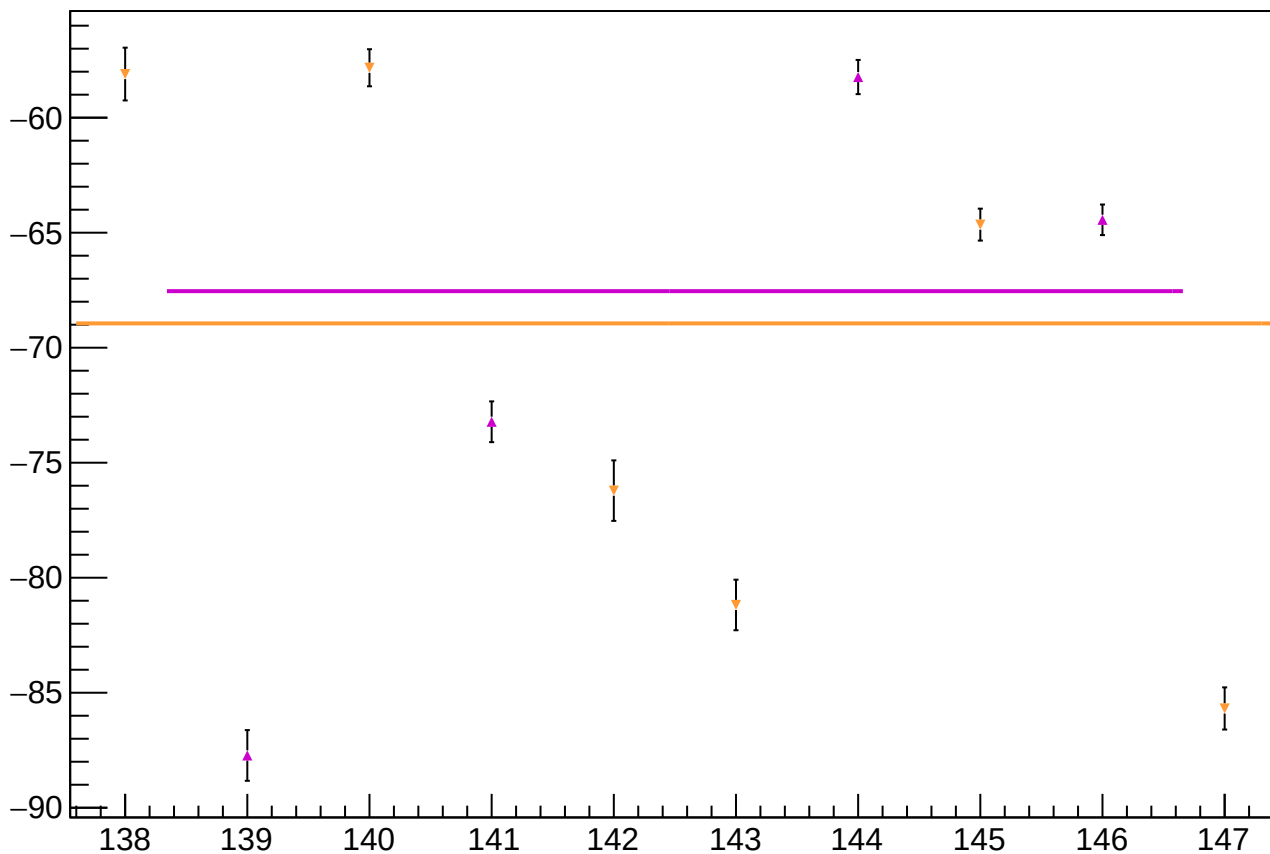
Left In: -2.632+/-0.281 χ^2/NDF : 534.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.046+/-0.189 χ^2/NDF : 1436.5/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -68.943+/-0.379 χ^2/NDF : 805.8/5

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

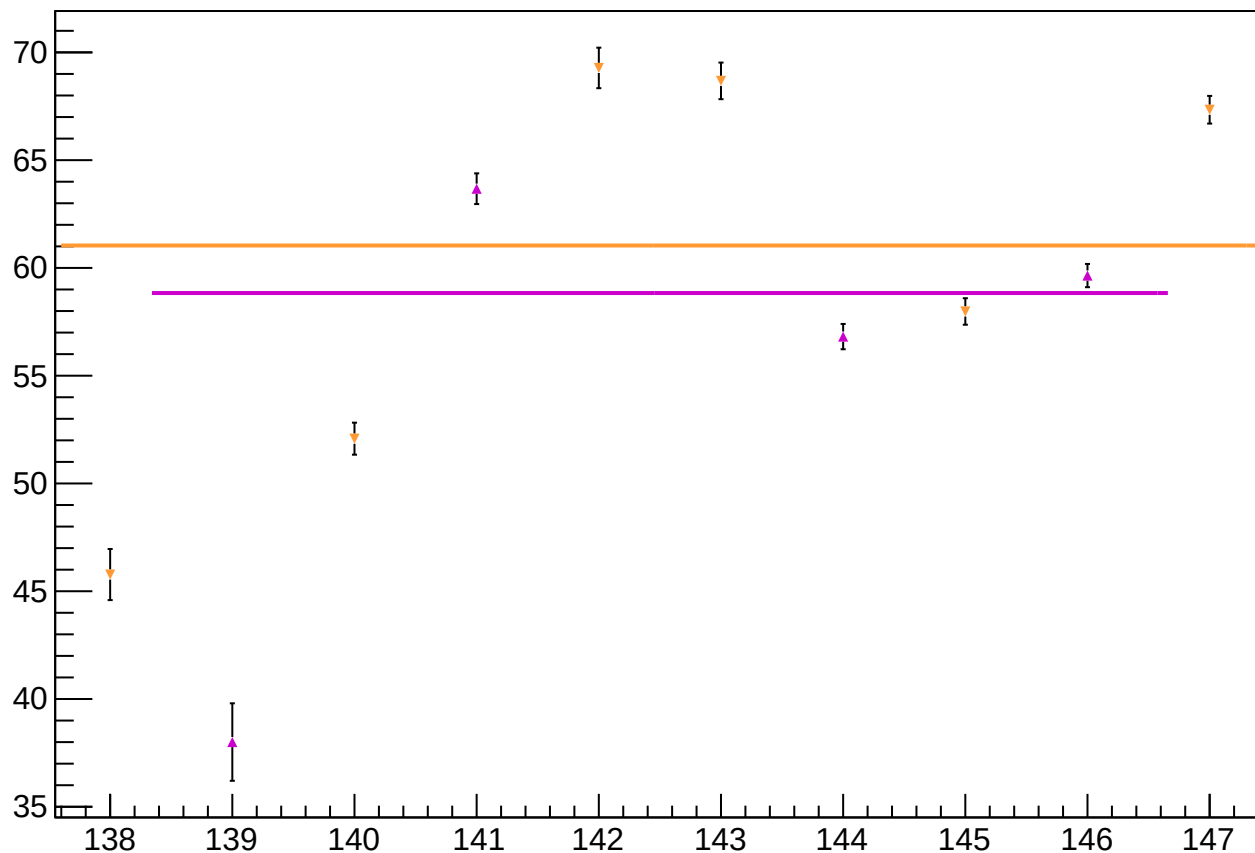
Left In: -67.541+/-0.403 χ^2/NDF : 555.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.285+/-0.276 χ^2/NDF : 1367.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 61.041+/-0.314 χ^2/NDF : 590.0/5

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

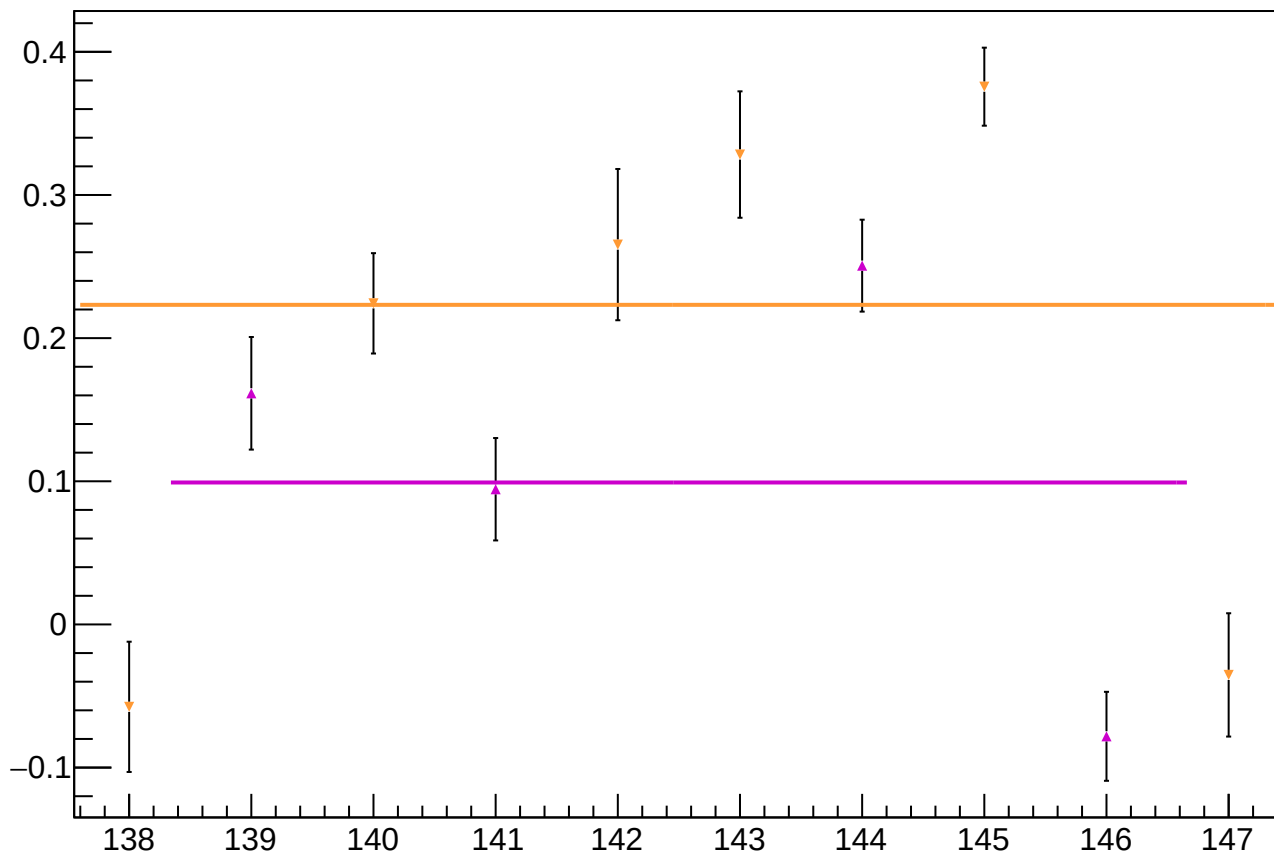
Left In: 58.835+/-0.341 χ^2/NDF : 194.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.026+/-0.231 χ^2/NDF : 807.2/9

- 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: 0.223 $\pm$ 0.016 χ^2 /NDF:111.7/5

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

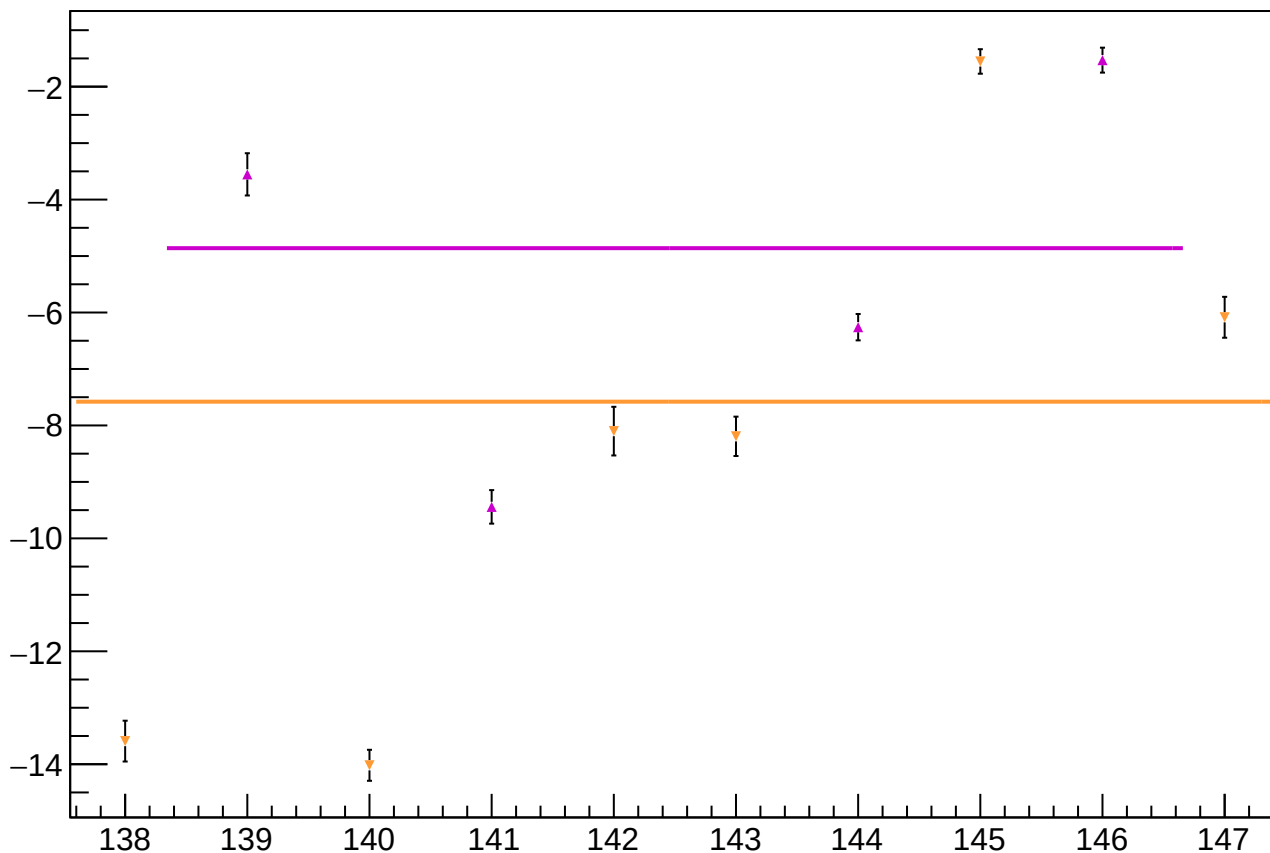
Left In: 0.099 $\pm$ 0.017 χ^2 /NDF:57.3/3

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

All: 0.166 $\pm$ 0.012 χ^2 /NDF: 197.7/9

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

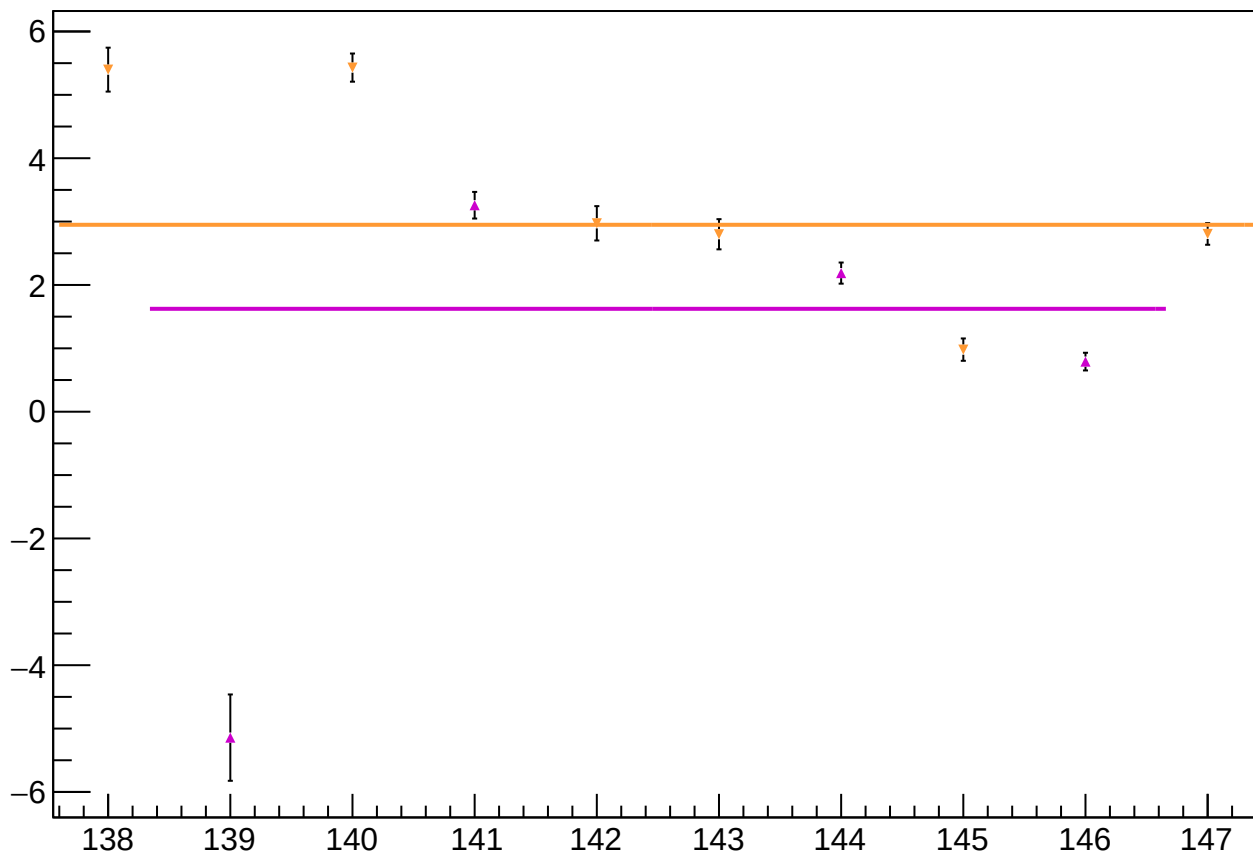
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.579 $\pm$ 0.126 χ^2 /NDF:1618.9/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.860 $\pm$ 0.132 χ^2 /NDF:513.5/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -6.288 $\pm$ 0.091 χ^2 /NDF: 2354.8/9
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

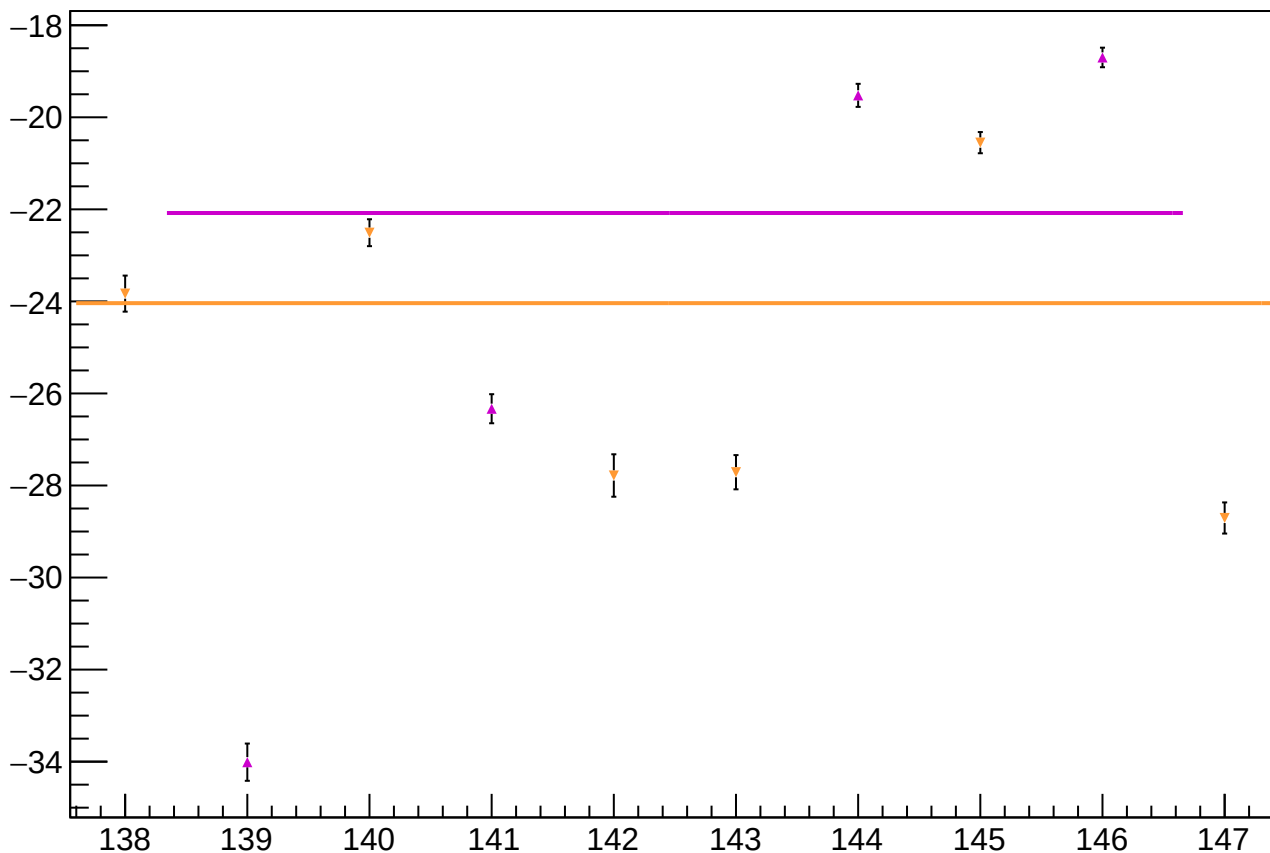
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.949 $\pm$ 0.089 χ^2 /NDF:300.3/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.624 $\pm$ 0.094 χ^2 /NDF:206.2/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 2.325 $\pm$ 0.065 χ^2 /NDF: 610.9/9
 - 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: -24.038+/-0.132 χ^2/NDF : 610.8/5

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

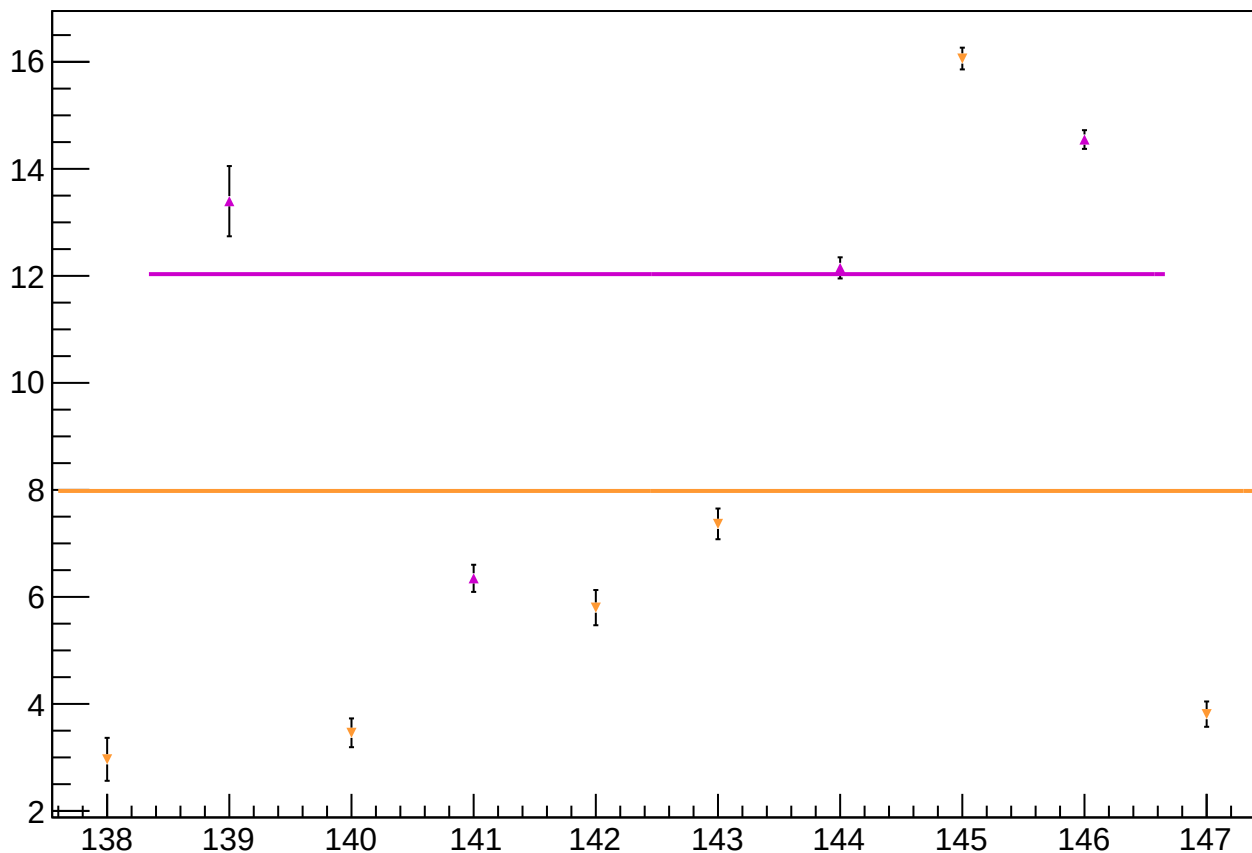
Left In: -22.079+/-0.136 χ^2/NDF : 1408.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.090+/-0.095 χ^2/NDF : 2126.4/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

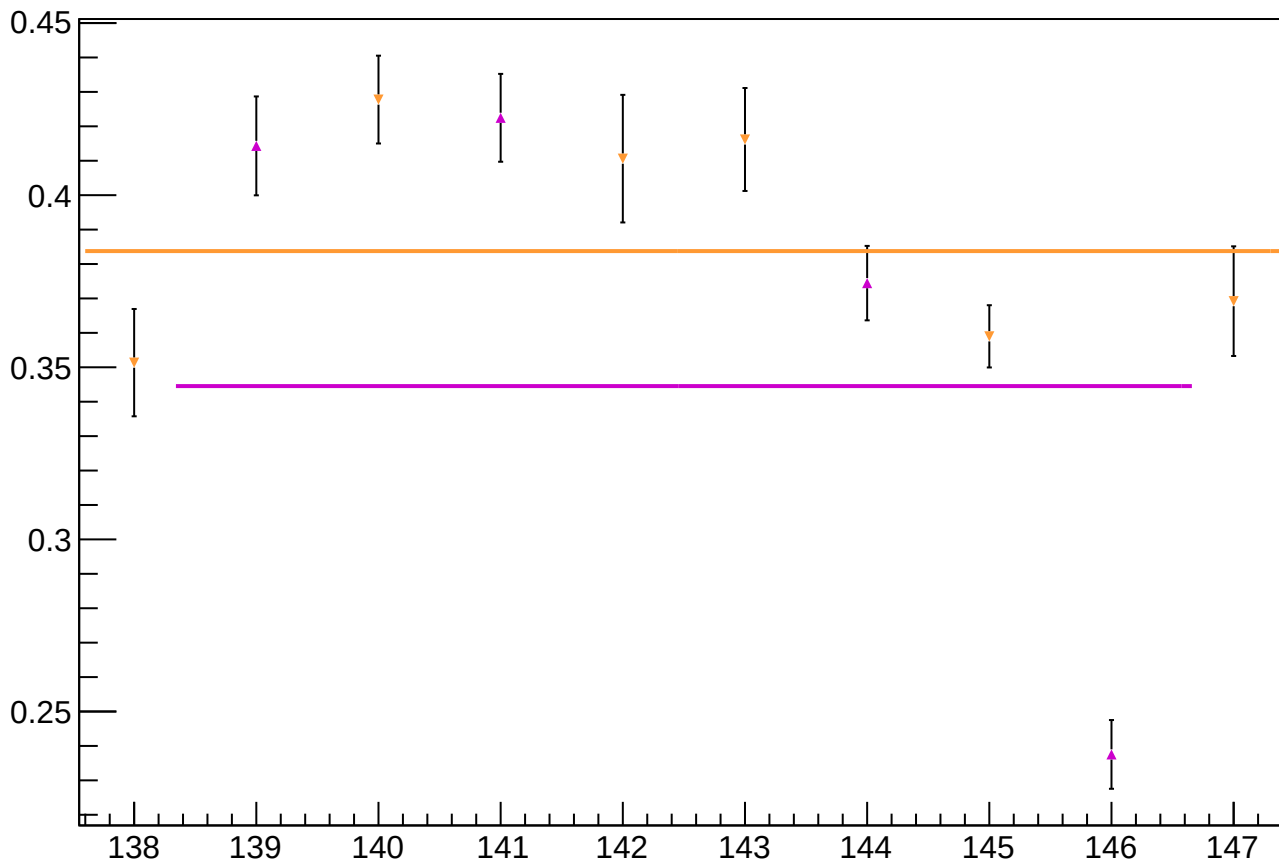
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.980 $\pm$ 0.109 χ^2 /NDF:2379.4/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 12.033 $\pm$ 0.115 χ^2 /NDF:714.1/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 9.914 $\pm$ 0.079 χ^2 /NDF: 3747.4/9
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.384 $\pm$ 0.005 χ^2 /NDF:31.4/5

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

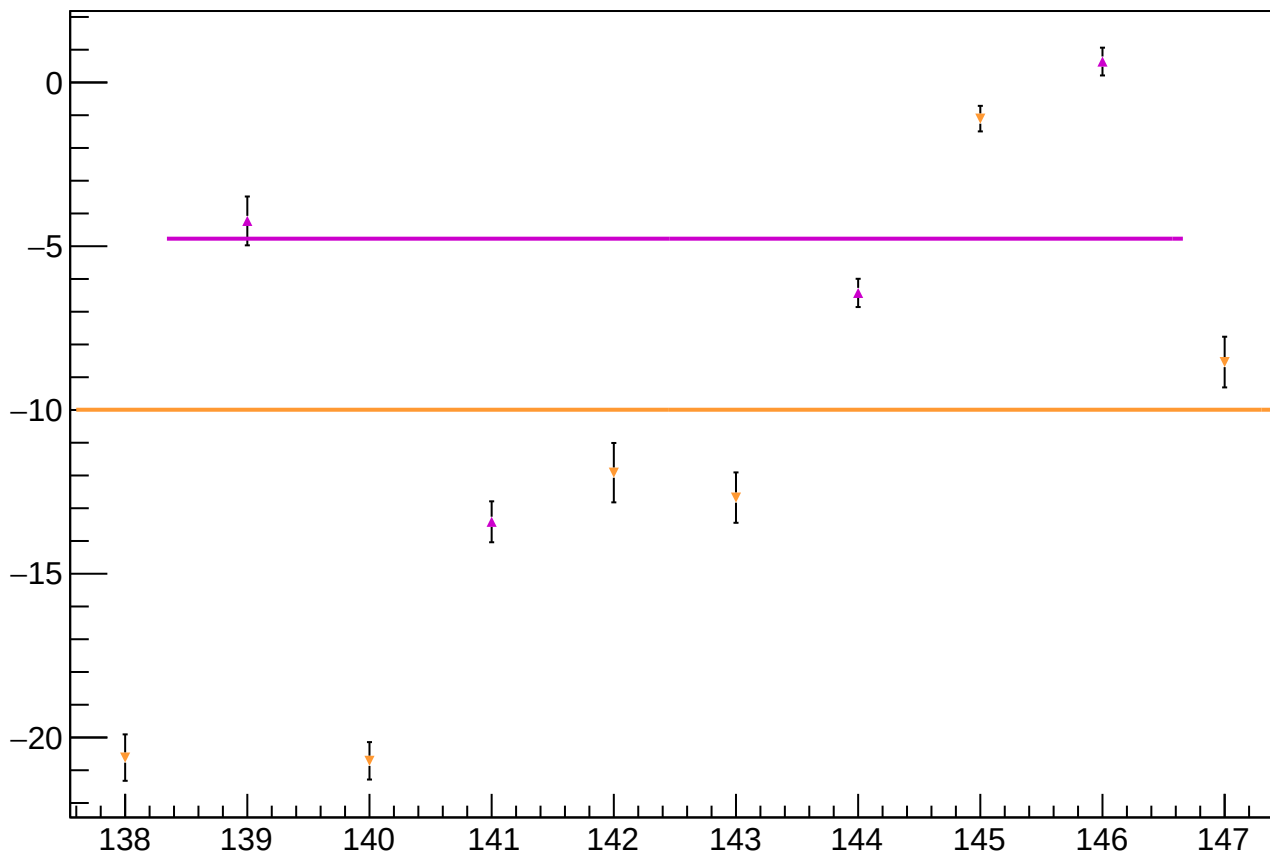
Left In: 0.345 $\pm$ 0.006 χ^2 /NDF:183.3/3

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

All: 0.365 $\pm$ 0.004 χ^2 /NDF: 238.9/9

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

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.992 $\pm$ 0.248 χ^2 /NDF:1116.0/5

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

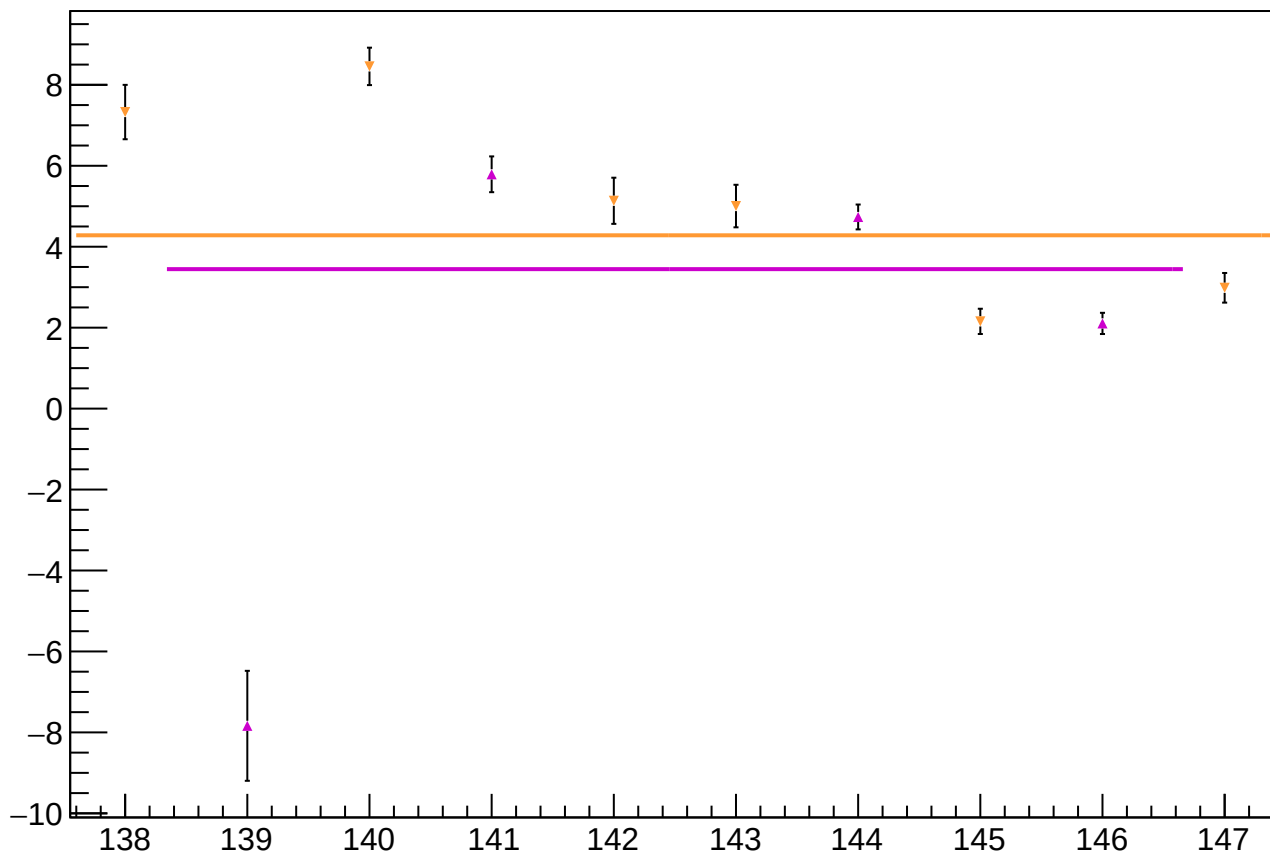
Left In: -4.770 $\pm$ 0.256 χ^2 /NDF:369.0/3

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

All: -7.457 $\pm$ 0.178 χ^2 /NDF: 1699.6/9

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

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 4.282+/-0.179 χ^2/NDF :165.2/5

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

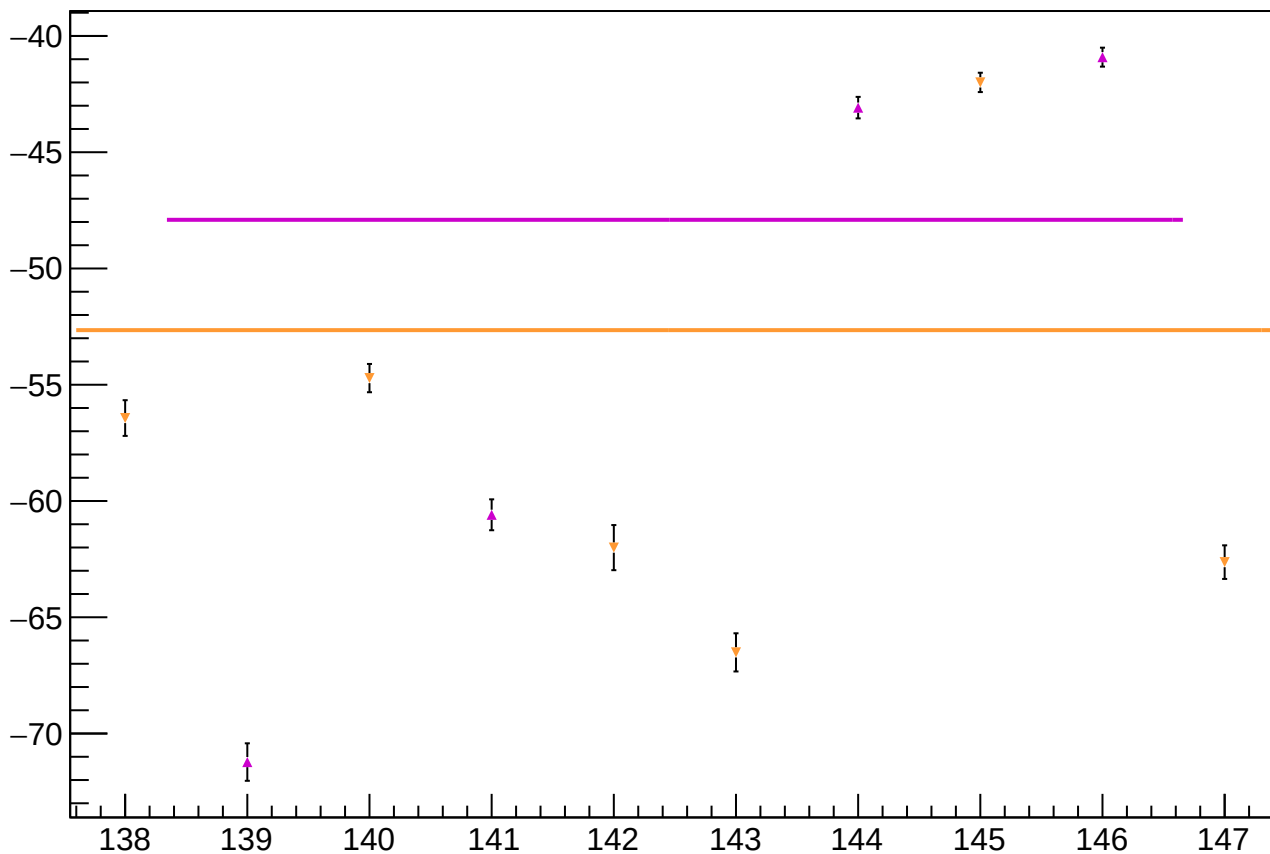
Left In: 3.446+/-0.180 χ^2/NDF :140.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.867+/-0.127 χ^2/NDF : 316.9/9

- 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: -52.652+/-0.261 χ^2/NDF :1260.6/5

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

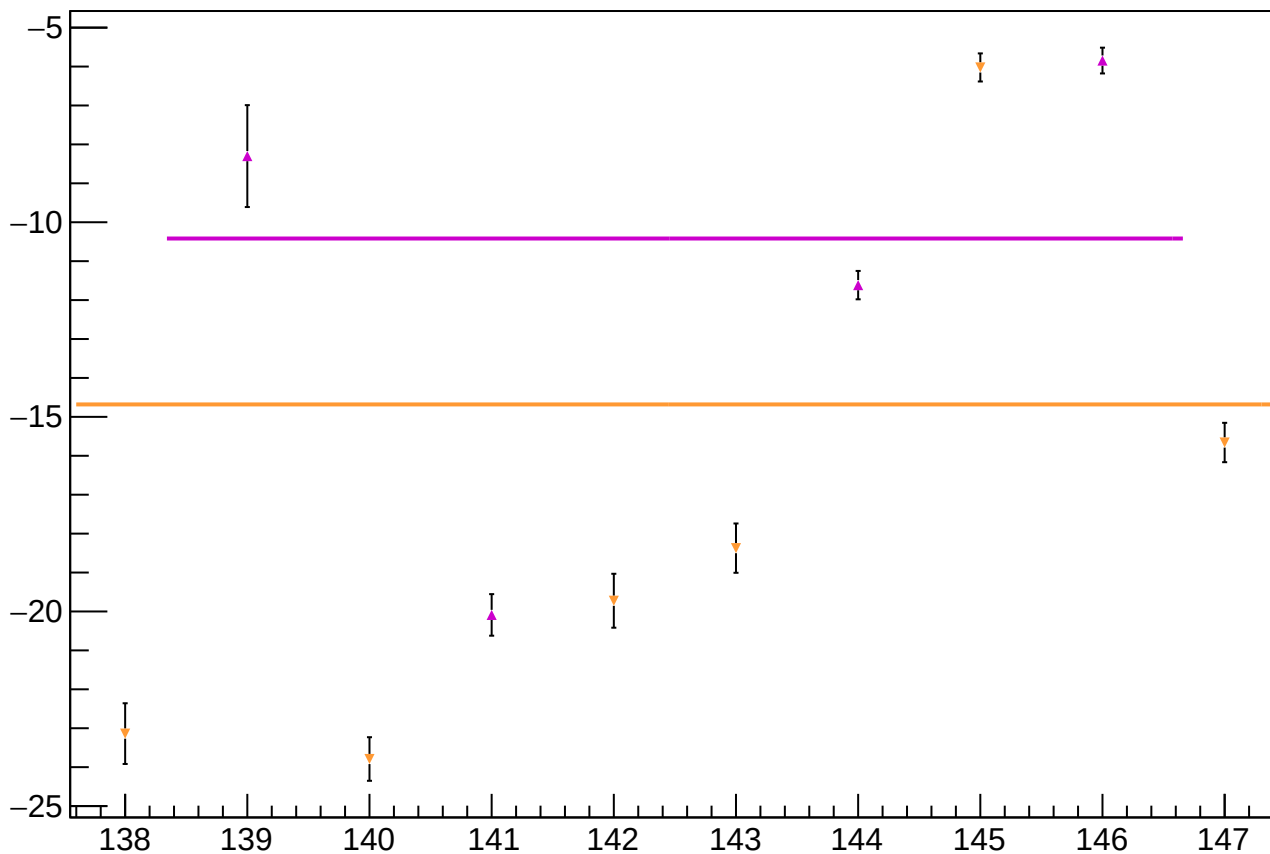
Left In: -47.906+/-0.263 χ^2/NDF :1604.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.291+/-0.185 χ^2/NDF : 3029.2/9

- 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: -14.681+/-0.218 χ^2/NDF : 1048.6/5

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

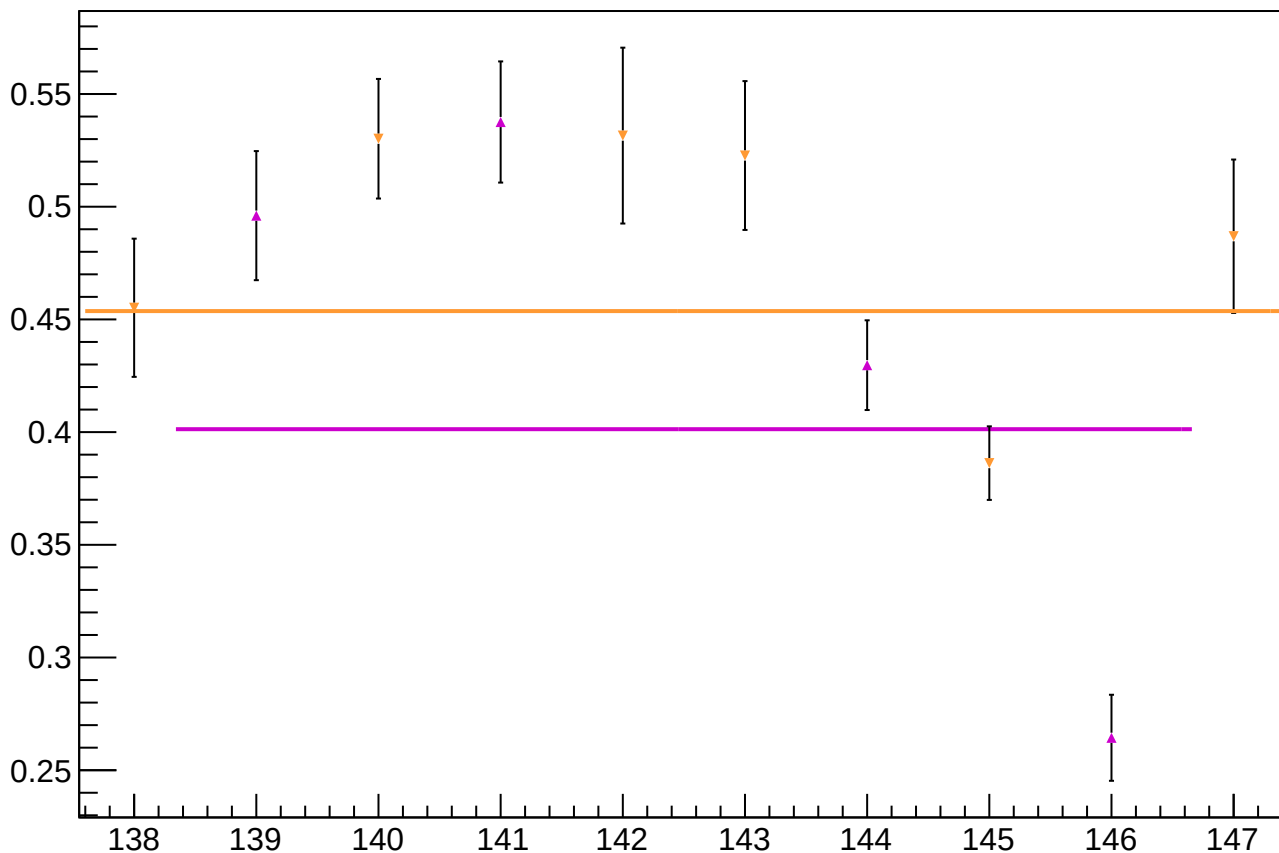
Left In: -10.418+/-0.220 χ^2/NDF : 532.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.563+/-0.155 χ^2/NDF : 1770.2/9

- 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: 0.454 $\pm$ 0.011 χ^2 /NDF: 34.7/5

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

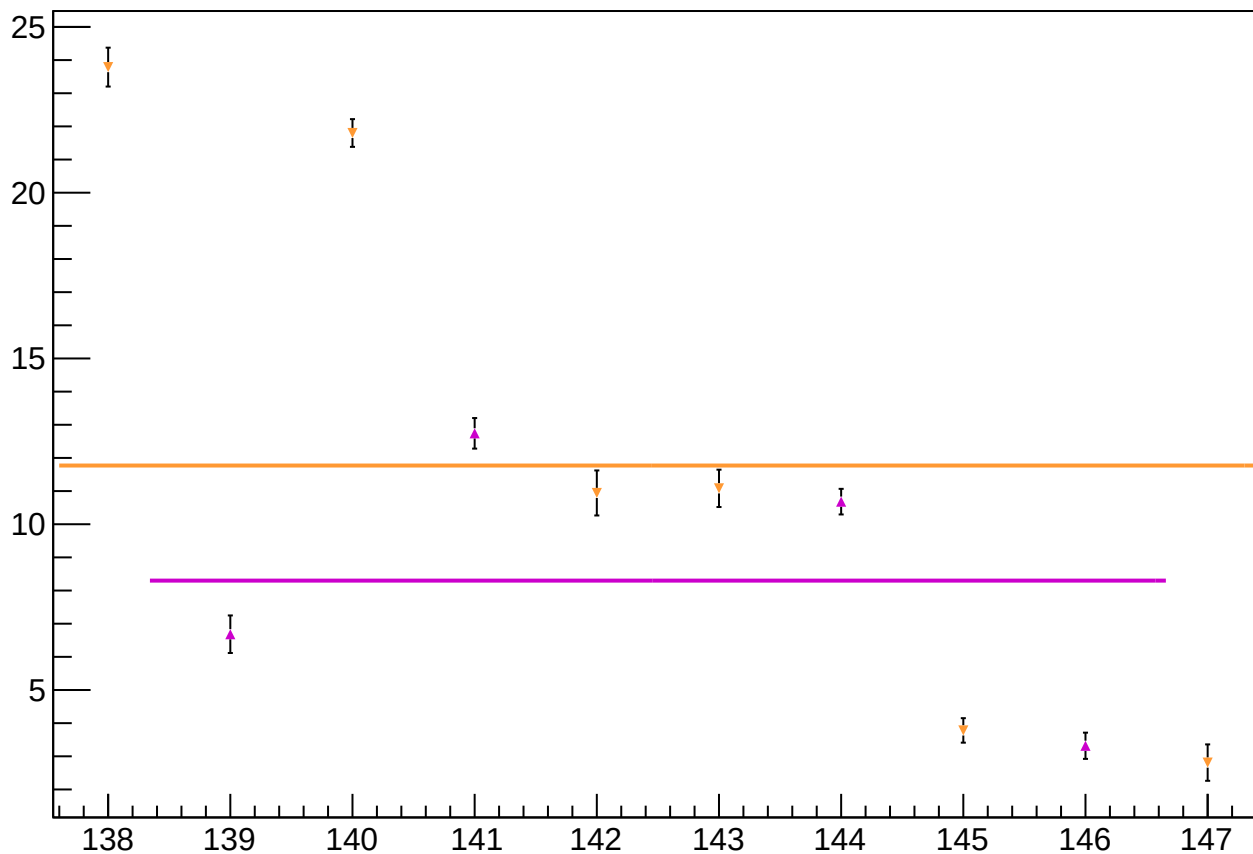
Left In: 0.401 $\pm$ 0.011 χ^2 /NDF: 90.1/3

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

All: 0.429 $\pm$ 0.008 χ^2 /NDF: 136.2/9

- 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: 11.771+/-0.202 χ^2/NDF :1731.6/5

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

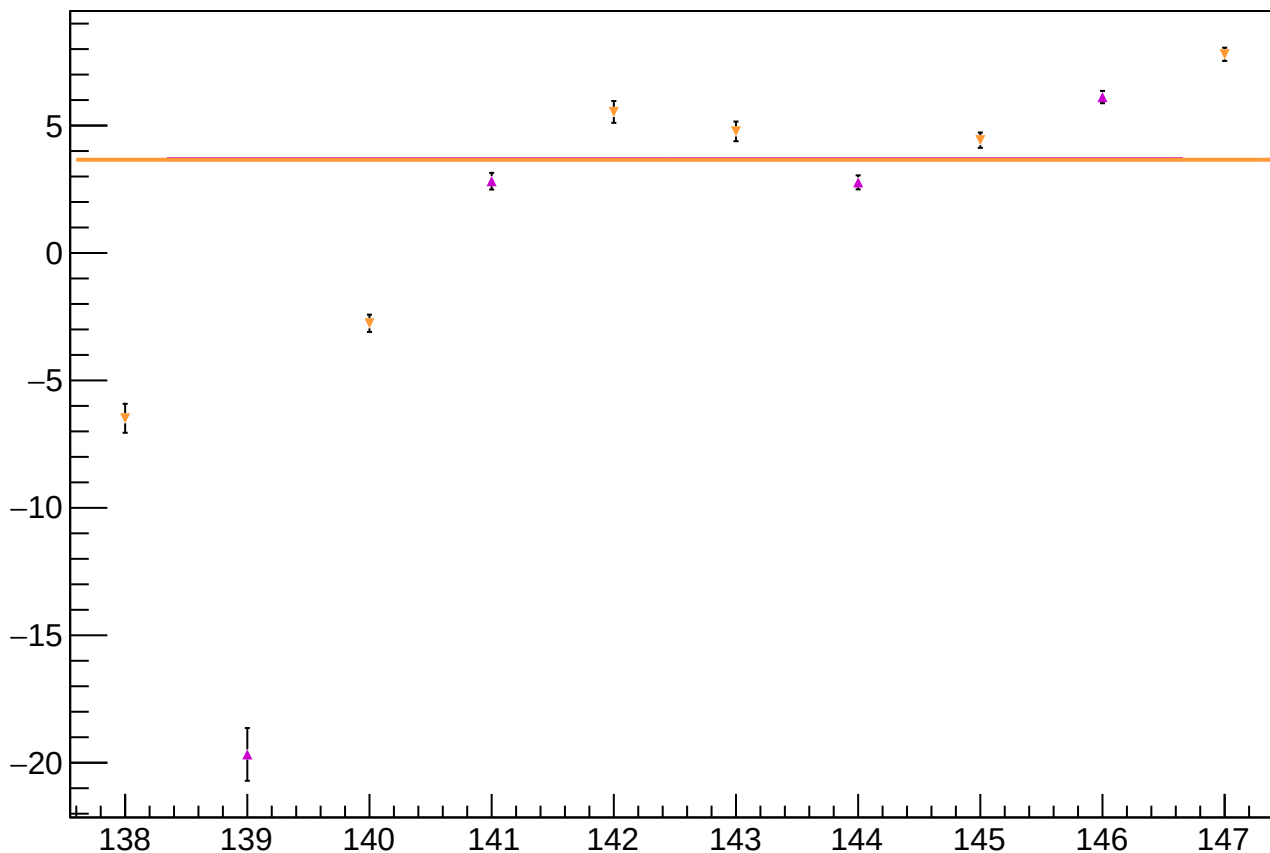
Left In: 8.300+/-0.219 χ^2/NDF :297.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.175+/-0.148 χ^2/NDF : 2165.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

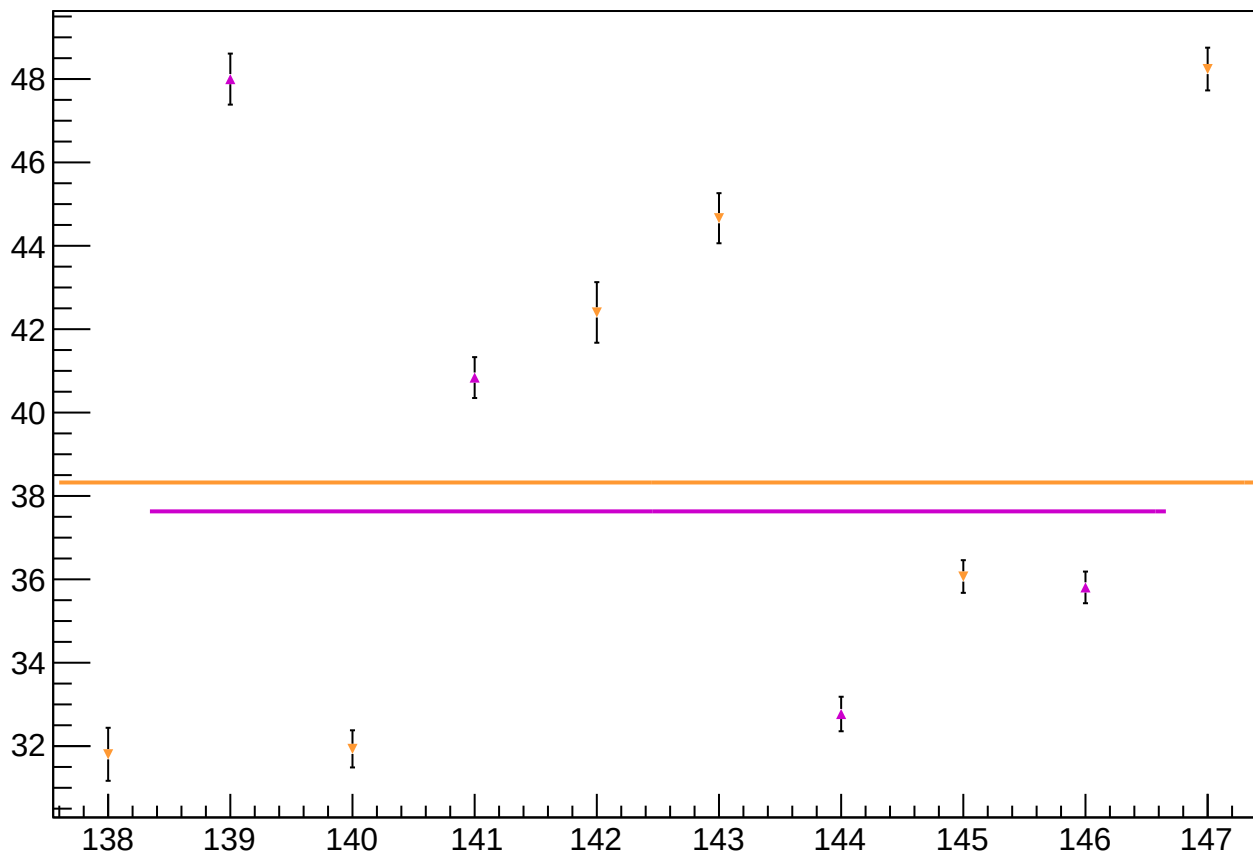
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.659+/-0.142 χ^2/NDF :960.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.680+/-0.157 χ^2/NDF :628.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.669+/-0.105 χ^2/NDF : 1589.3/9
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

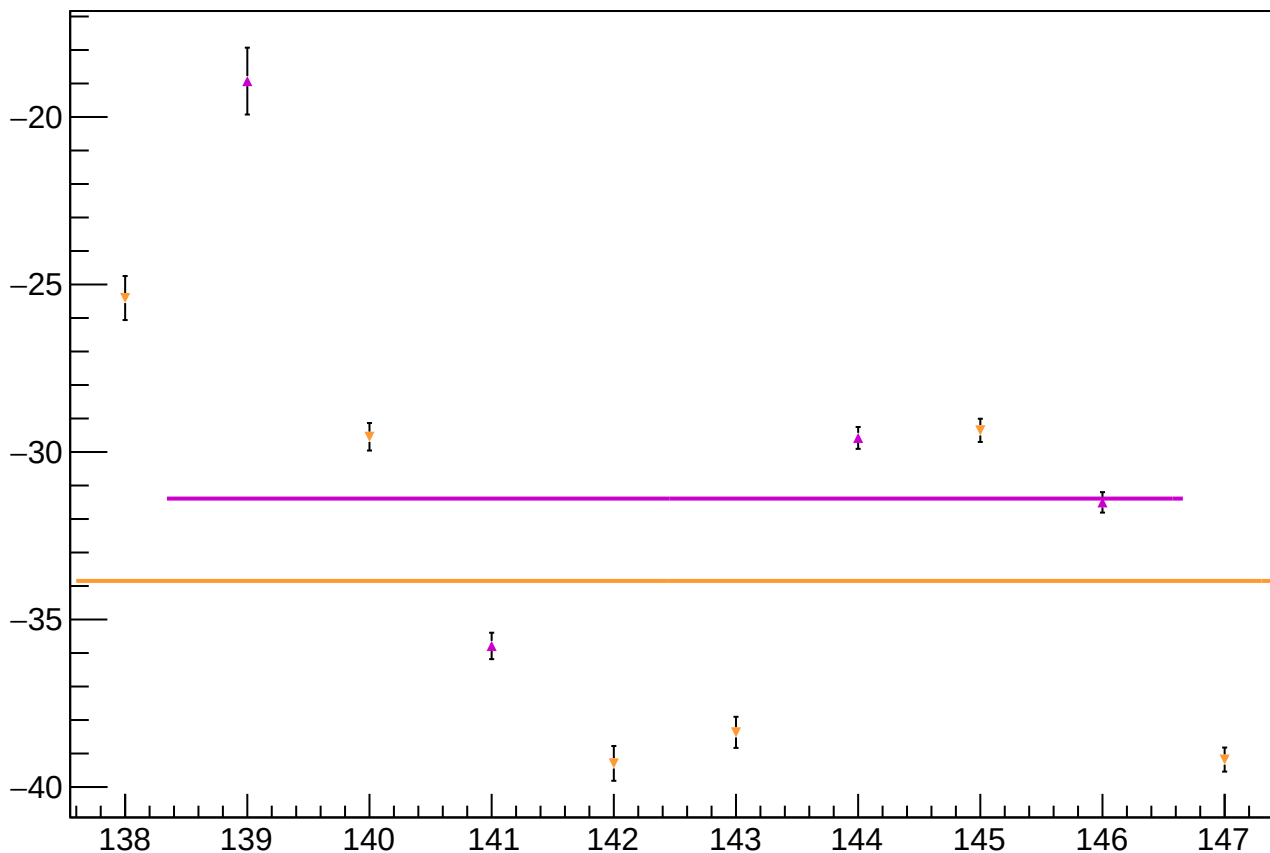
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 38.323+/-0.211 χ^2/NDF : 861.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 37.630+/-0.226 χ^2/NDF : 490.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 38.000+/-0.154 χ^2/NDF : 1357.0/9
 - 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: -33.848+/-0.175 χ^2/NDF : 868.7/5

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

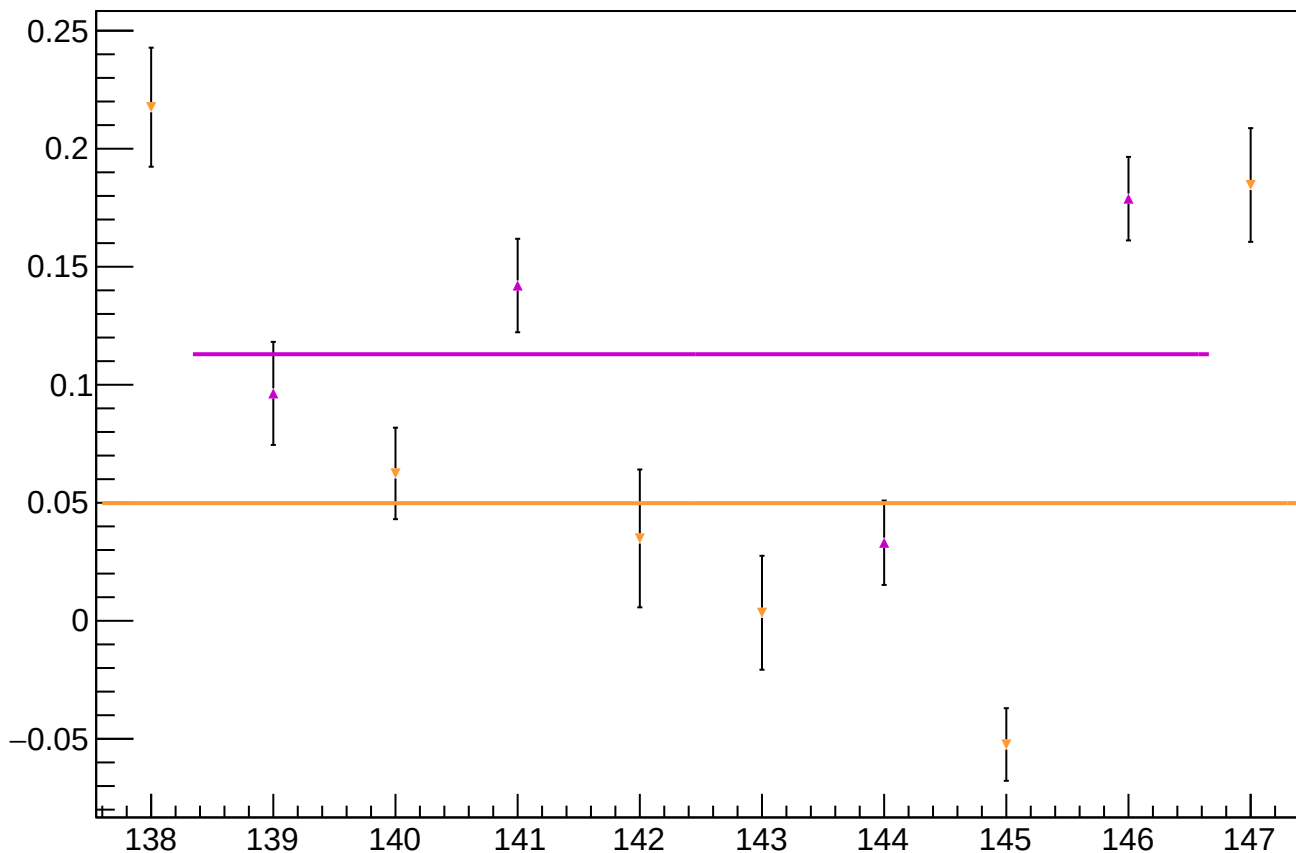
Left In: -31.390+/-0.190 χ^2/NDF : 311.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.723+/-0.129 χ^2/NDF : 1270.3/9

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.050+/-0.009 χ^2/NDF :124.1/5

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

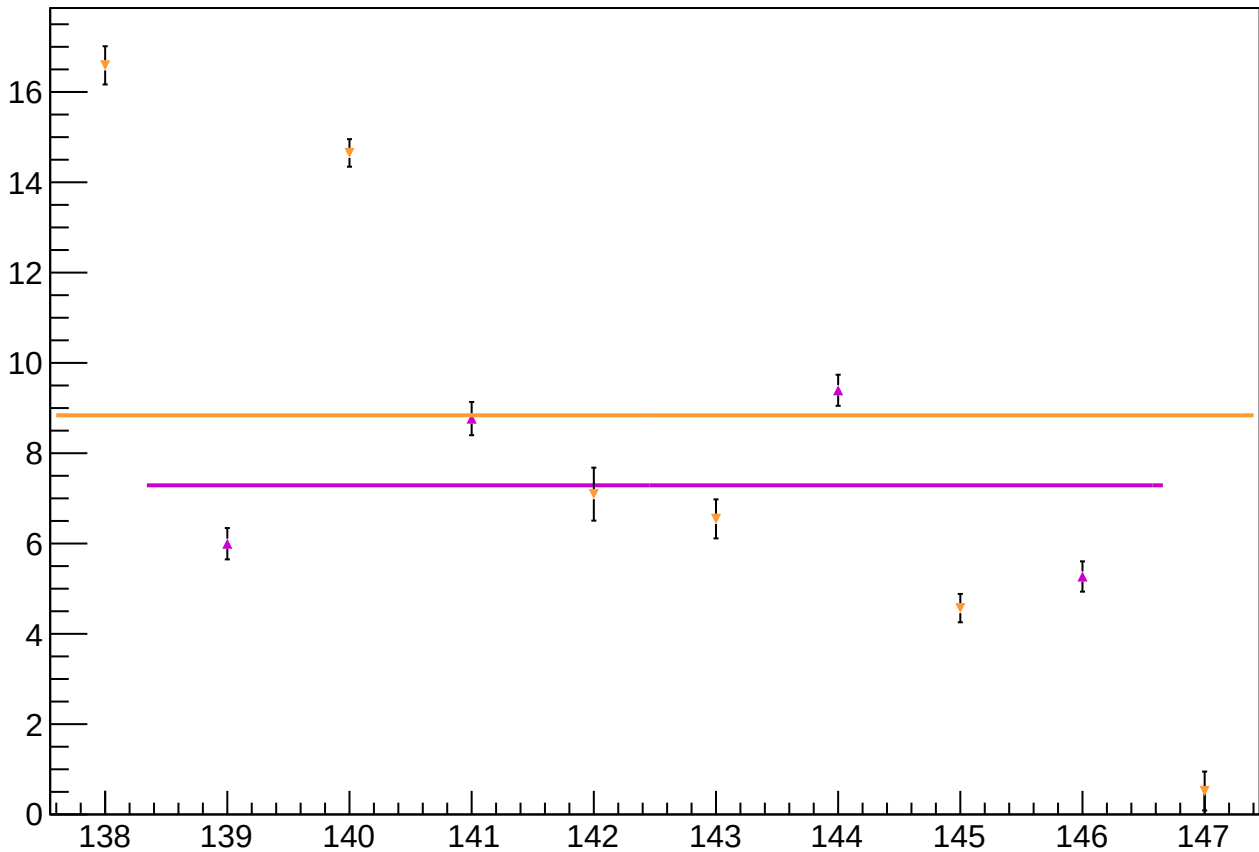
Left In: 0.113+/-0.010 χ^2/NDF :36.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.079+/-0.006 χ^2/NDF : 184.4/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

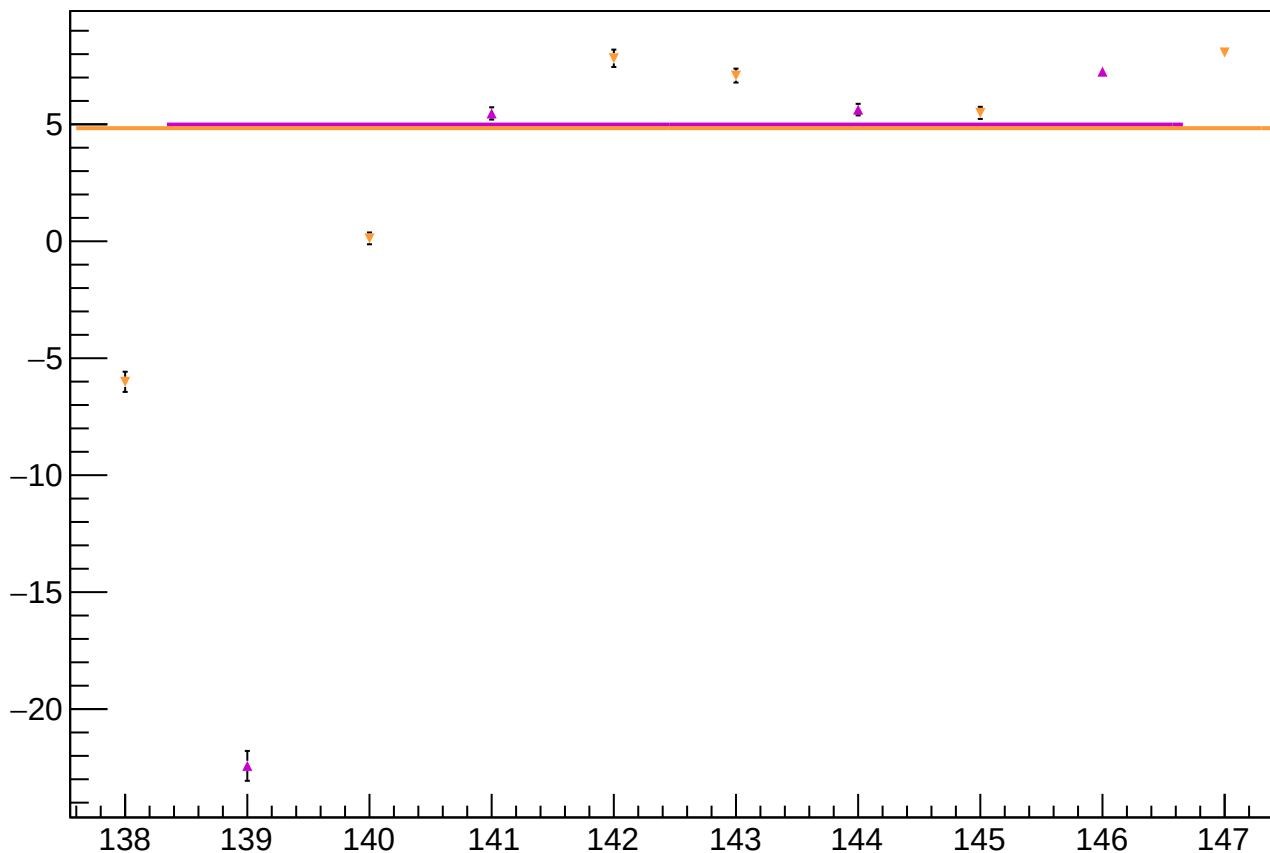
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.840 $\pm$ 0.158 χ^2 /NDF:1291.7/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.289 $\pm$ 0.174 χ^2 /NDF:103.6/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 8.140 $\pm$ 0.117 χ^2 /NDF: 1438.9/9
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

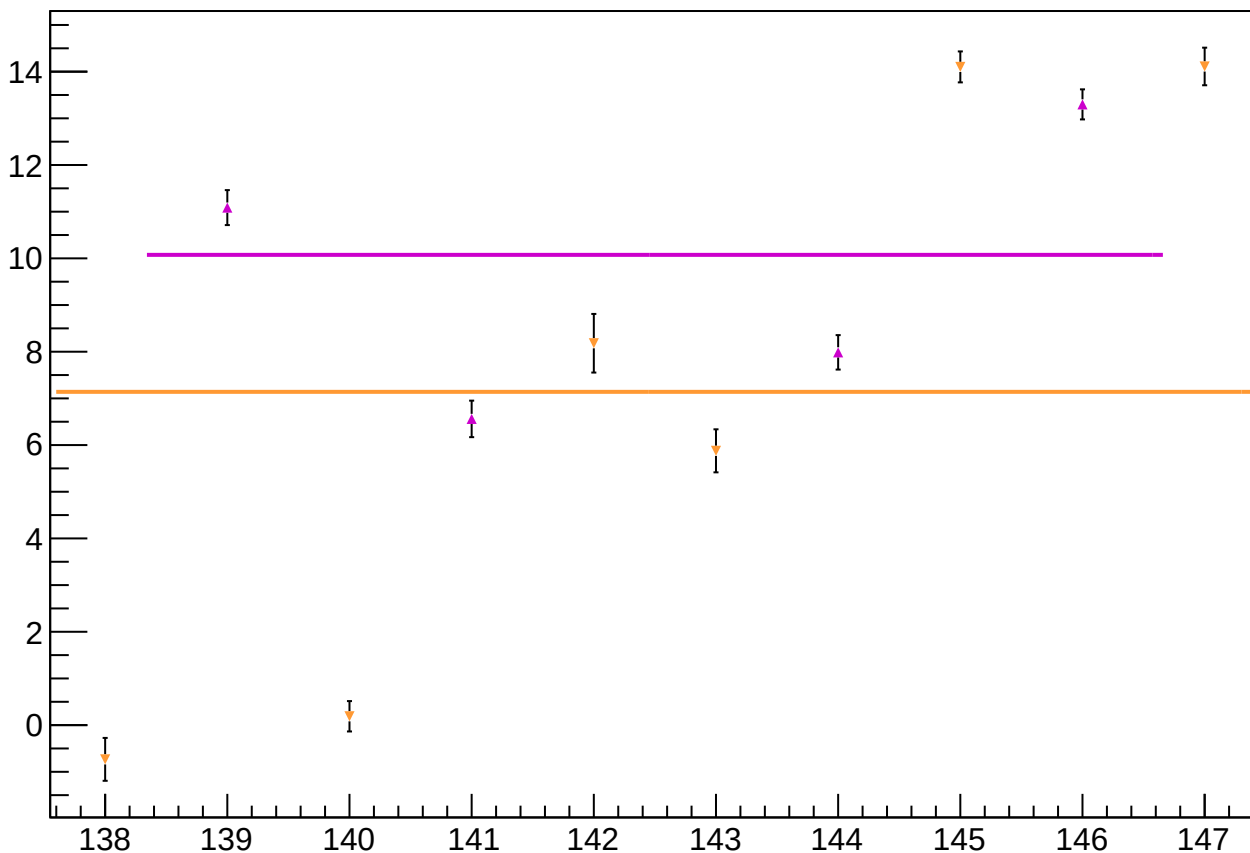
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.835+/-0.113 χ^2/NDF :1350.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.988+/-0.135 χ^2/NDF :1963.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.899+/-0.087 χ^2/NDF : 3314.9/9
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

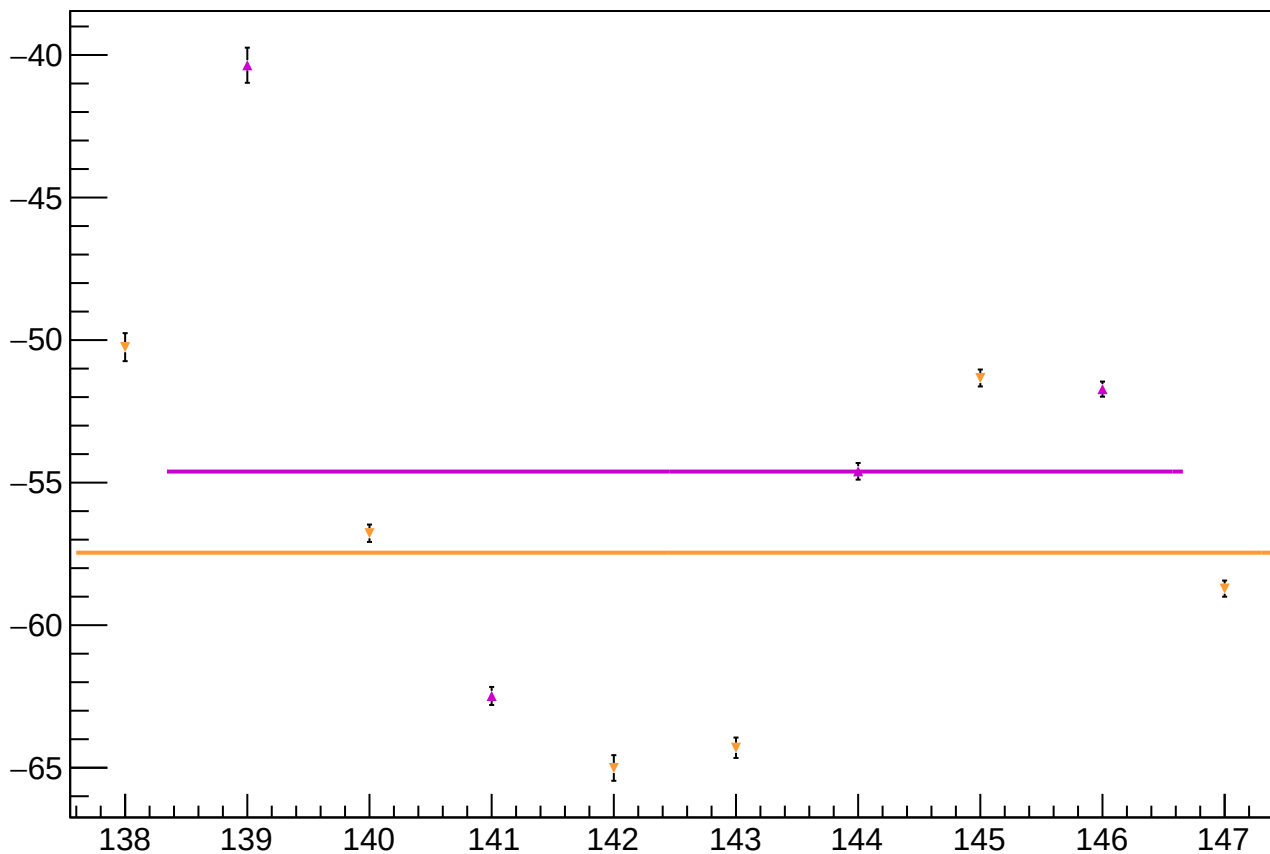
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.140 $\pm$ 0.165 χ^2 /NDF:1501.0/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 10.075 $\pm$ 0.181 χ^2 /NDF:220.3/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 8.476 $\pm$ 0.122 χ^2 /NDF: 1865.1/9
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.457+/-0.139 χ^2/NDF :1313.0/5

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

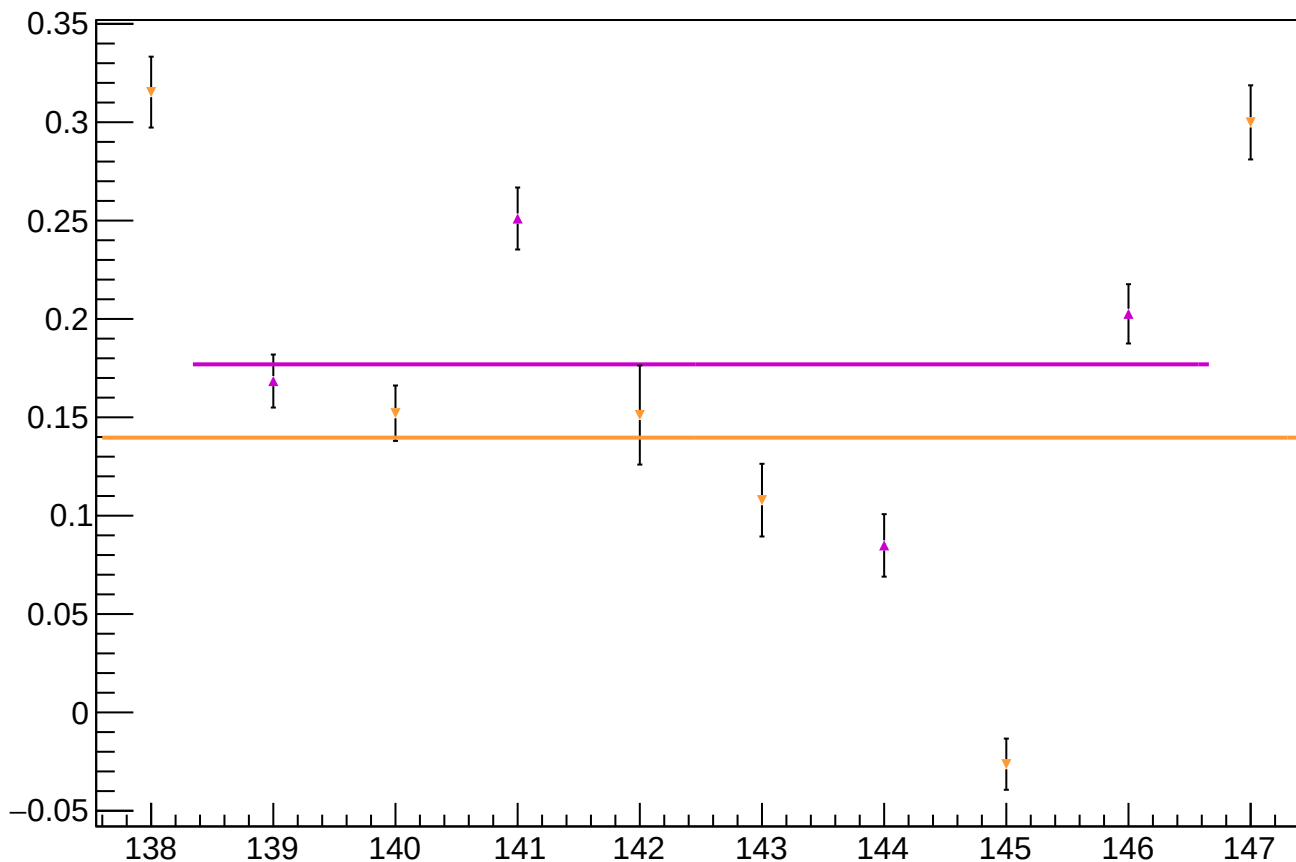
Left In: -54.612+/-0.161 χ^2/NDF :1274.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.237+/-0.105 χ^2/NDF : 2766.0/9

- 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.140+/-0.007 χ^2/NDF : 334.1/5

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

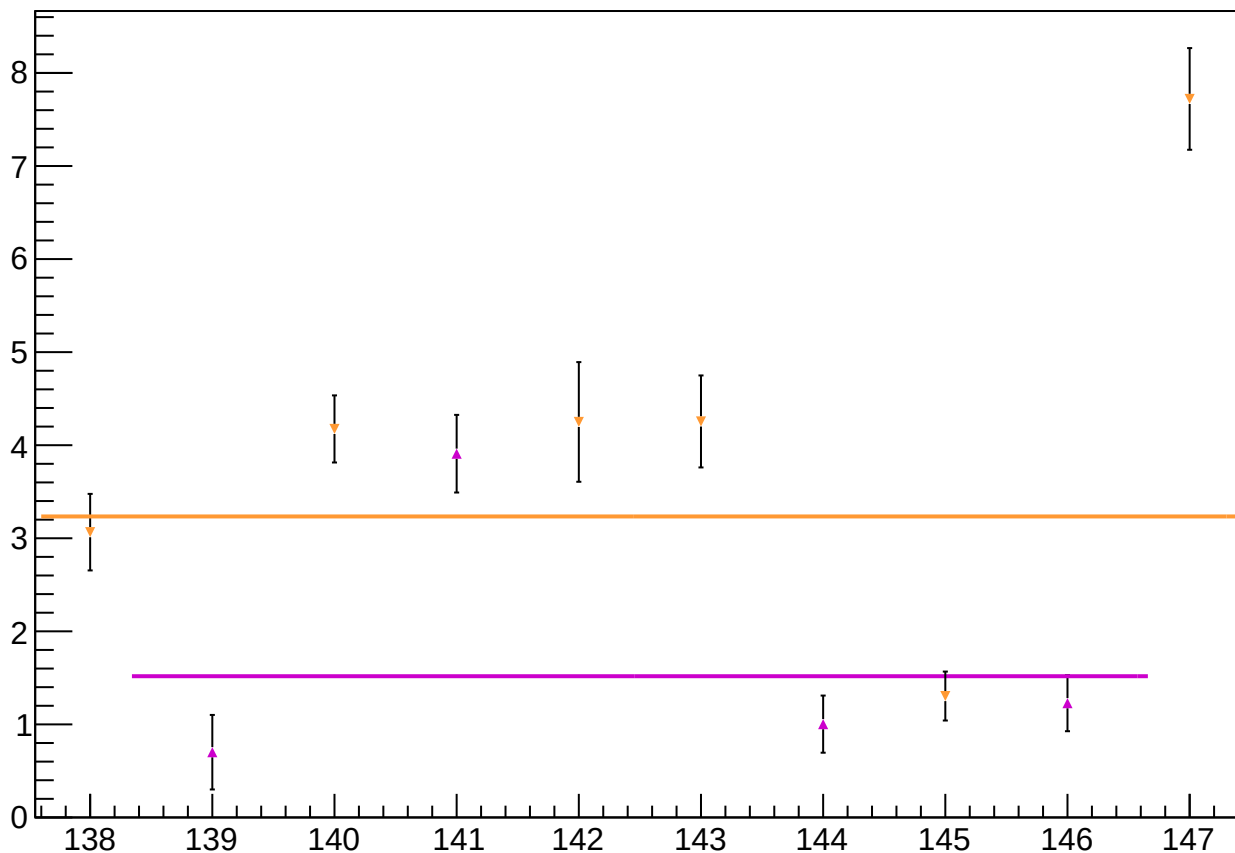
Left In: 0.177+/-0.007 χ^2/NDF : 59.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.157+/-0.005 χ^2/NDF : 406.6/9

- sign 0.000+/-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: 3.234 $\pm$ 0.162 χ^2 /NDF:135.0/5

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

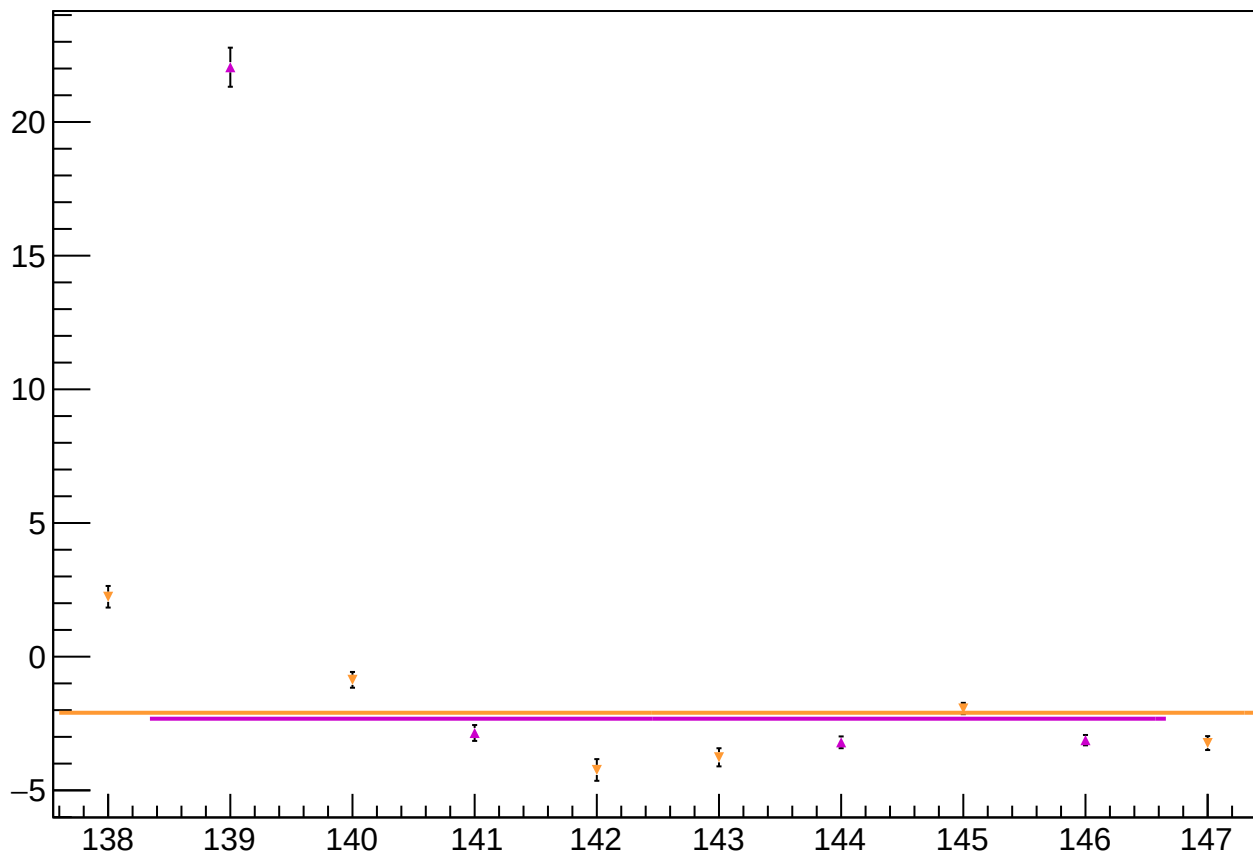
Left In: 1.518 $\pm$ 0.173 χ^2 /NDF:40.7/3

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

All: 2.428 $\pm$ 0.118 χ^2 /NDF: 228.2/9

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

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -2.098+/-0.120 χ^2/NDF : 204.2/5

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

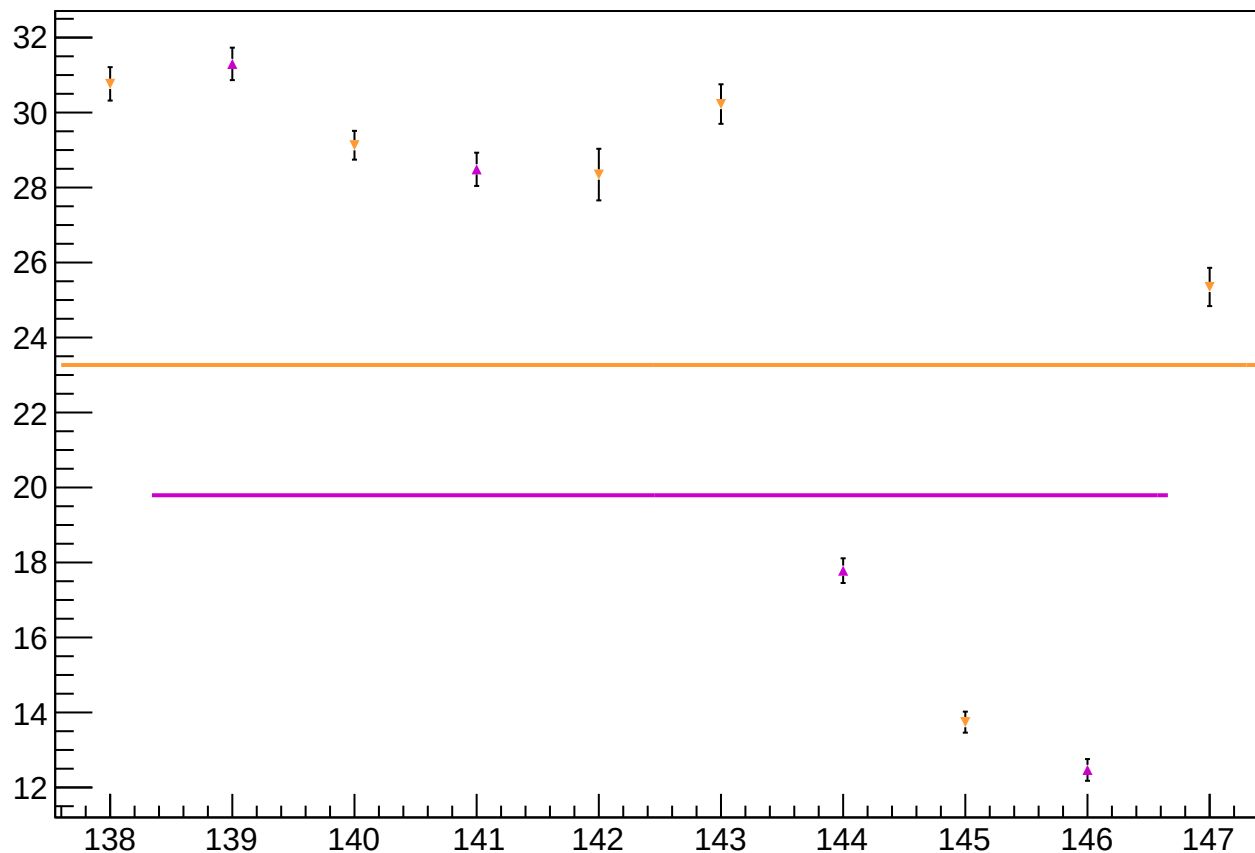
Left In: -2.321+/-0.129 χ^2/NDF : 1147.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.201+/-0.088 χ^2/NDF : 1353.5/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

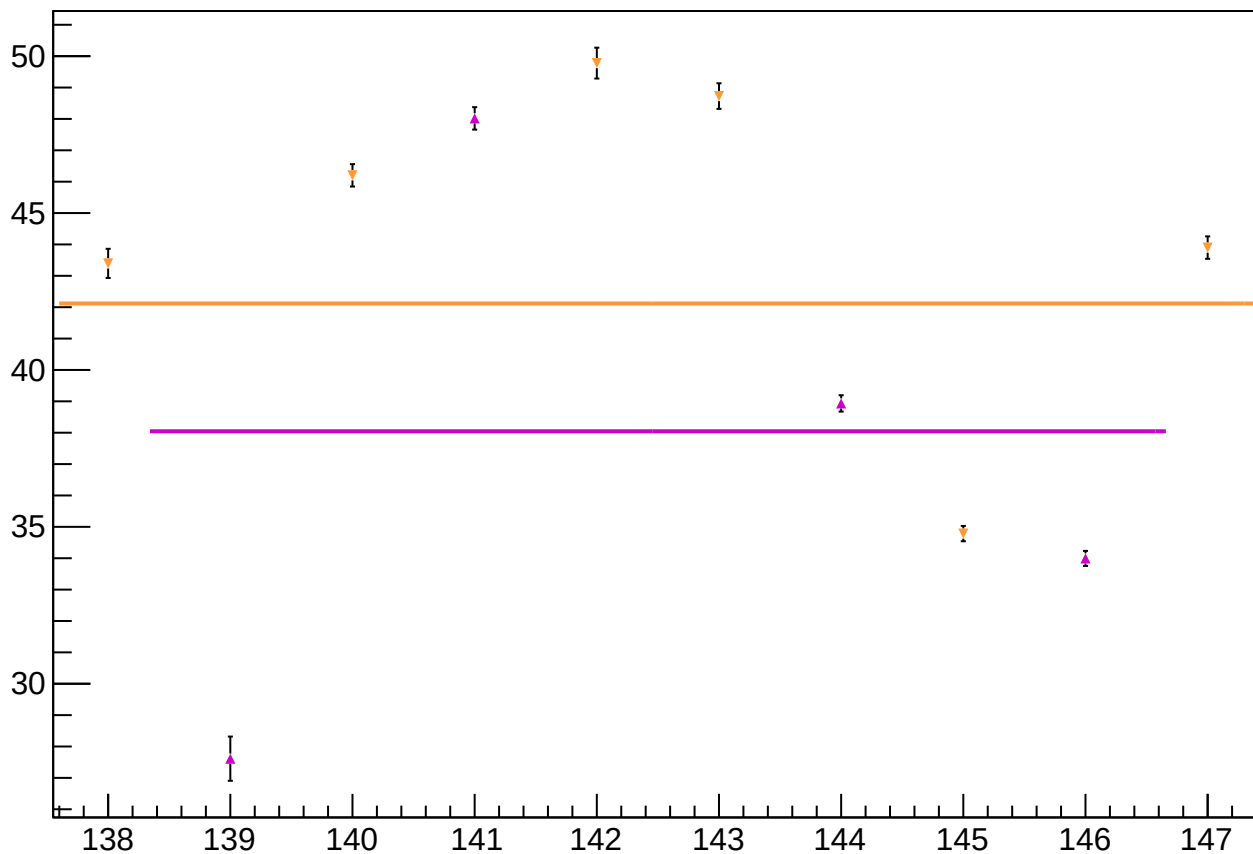
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.268+/-0.171 χ^2/NDF :1915.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.793+/-0.178 χ^2/NDF :1766.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 21.598+/-0.123 χ^2/NDF : 3879.4/9
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

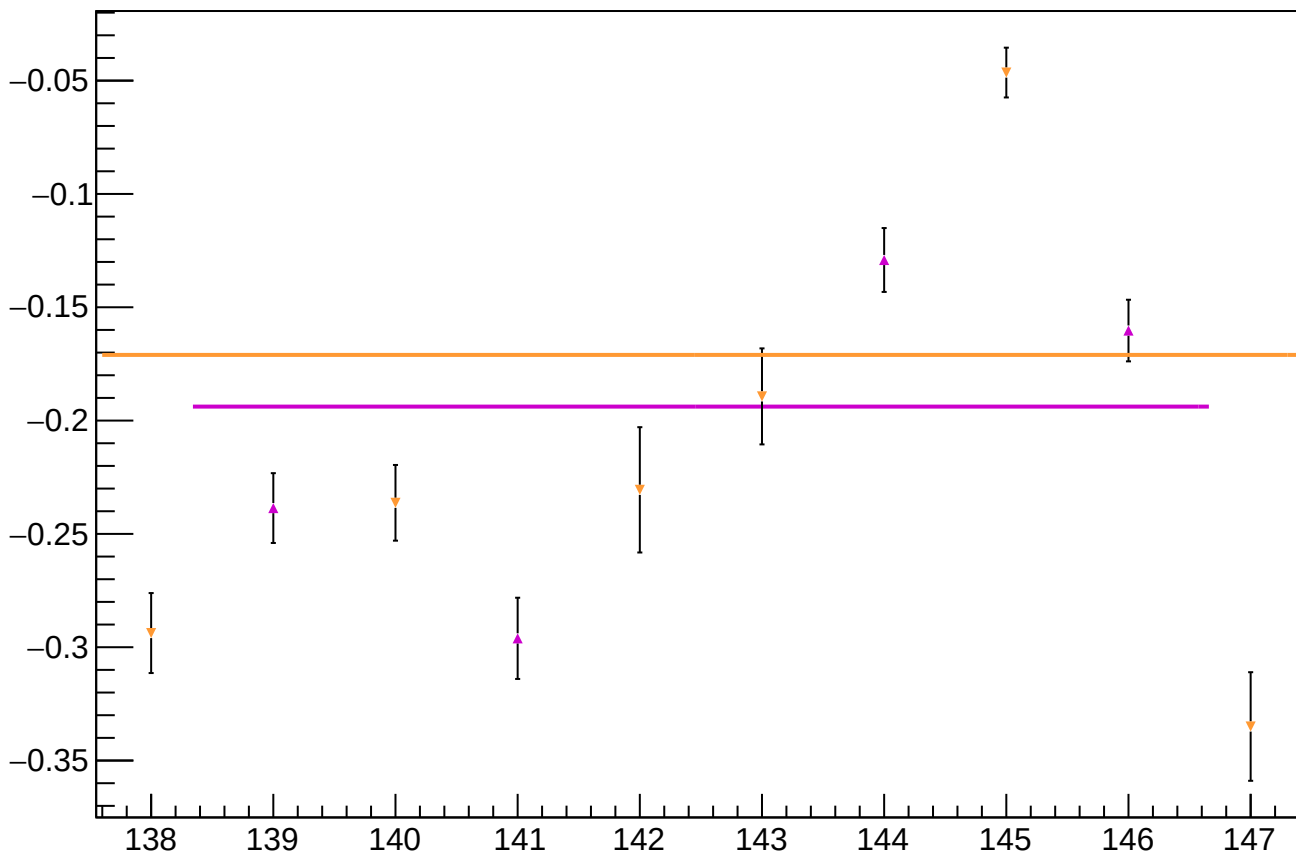
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 42.119 $\pm$ 0.145 χ^2 /NDF:1571.8/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 38.046 $\pm$ 0.155 χ^2 /NDF:1292.6/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 40.206 $\pm$ 0.106 χ^2 /NDF: 3232.3/9
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

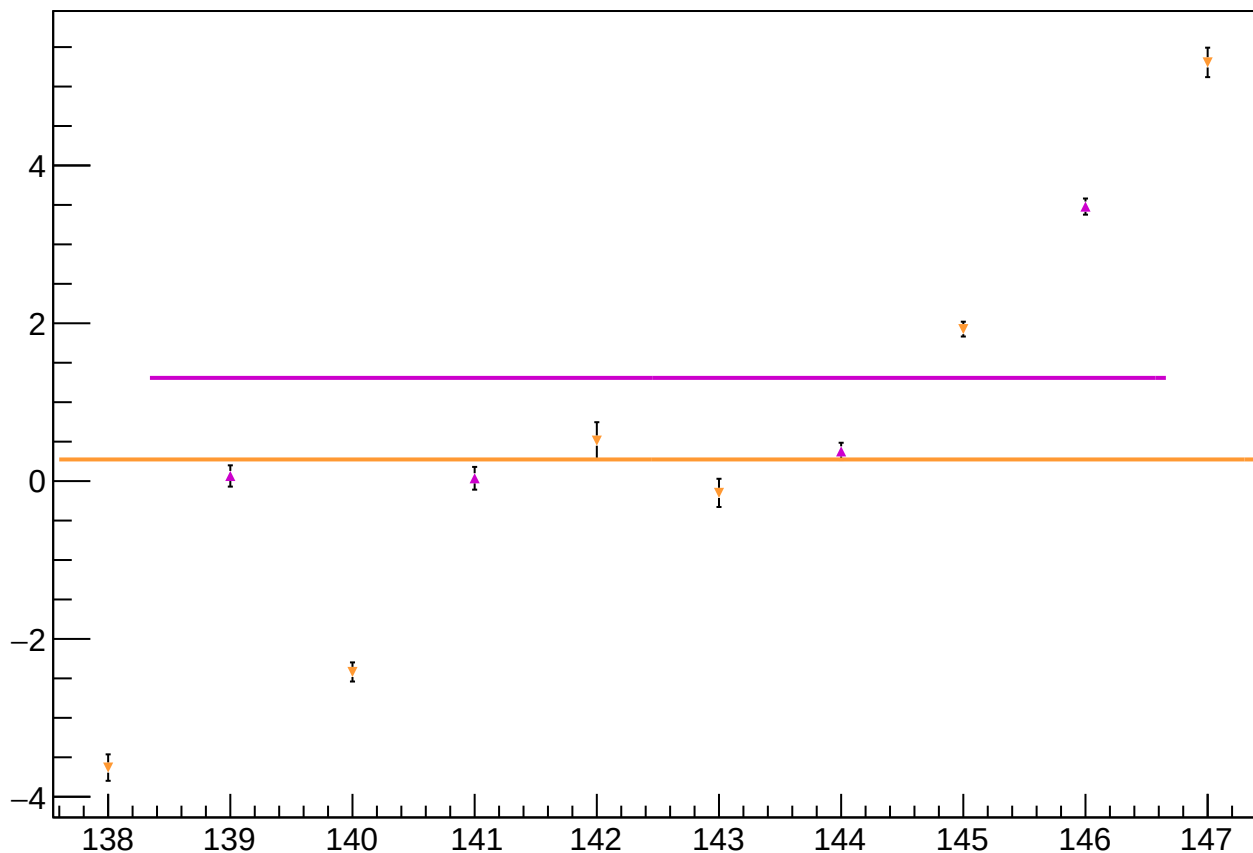
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.171 $\pm$ 0.007 χ^2 /NDF: 244.5/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.194 $\pm$ 0.008 χ^2 /NDF: 68.2/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.182 $\pm$ 0.005 χ^2 /NDF: 317.6/9
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

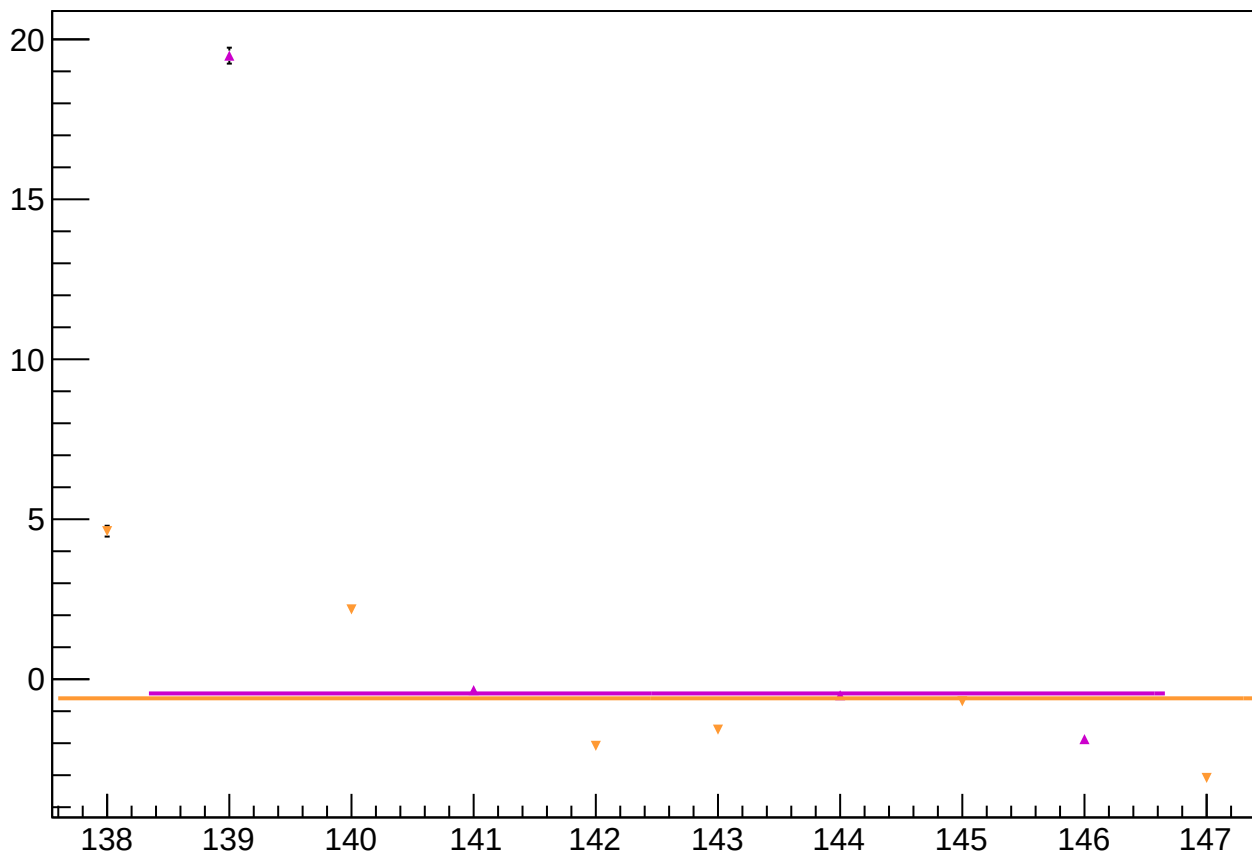
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.274 $\pm$ 0.058 χ^2 /NDF:2080.2/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.308 $\pm$ 0.060 χ^2 /NDF:685.9/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.780 $\pm$ 0.042 χ^2 /NDF: 2920.5/9
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



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

Left Out: -0.597+/-0.043 χ^2/NDF : 2664.5/5

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

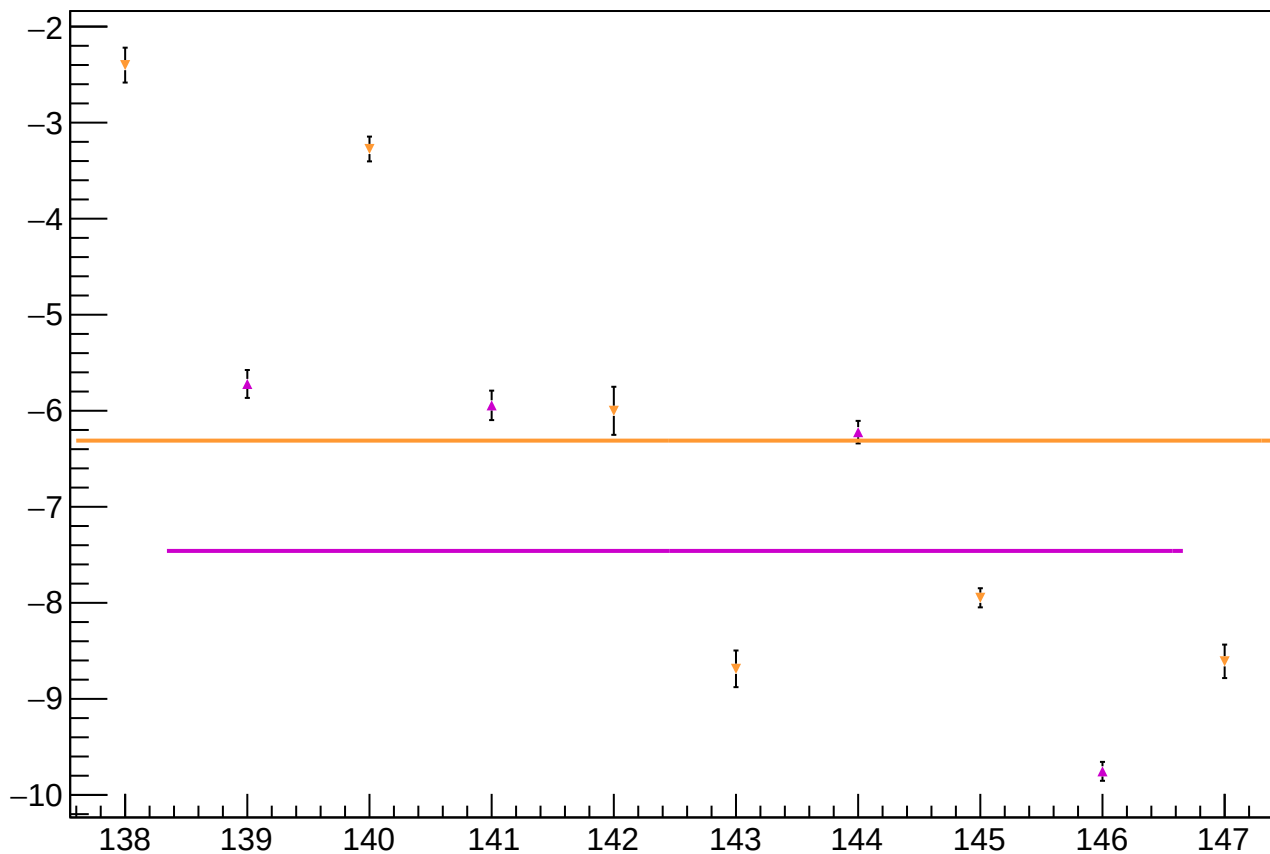
Left In: -0.444+/-0.045 χ^2/NDF : 6861.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.524+/-0.031 χ^2/NDF : 9531.6/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: -6.311+/-0.061 χ^2/NDF : 1617.5/5

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

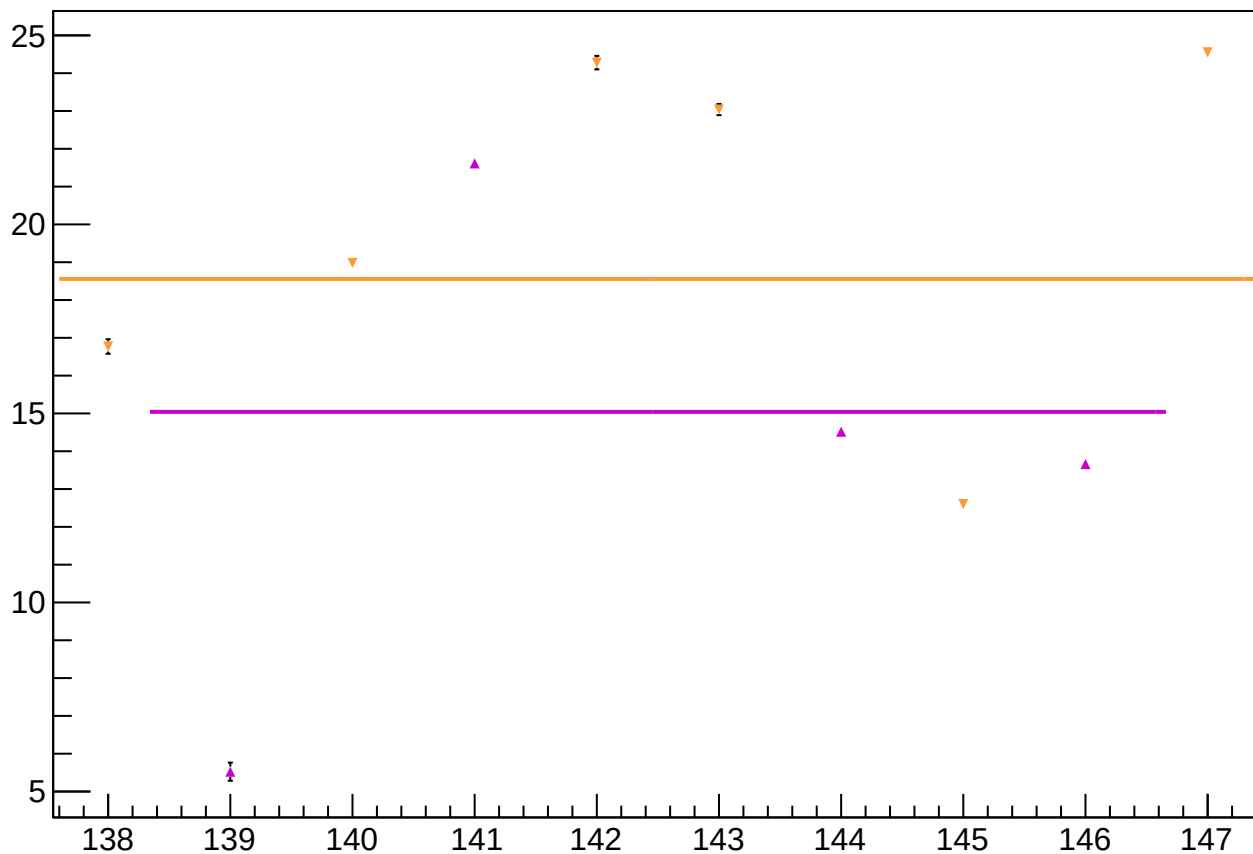
Left In: -7.459+/-0.061 χ^2/NDF : 895.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.883+/-0.043 χ^2/NDF : 2688.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 18.558+/-0.052 χ^2/NDF : 8983.8/5

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

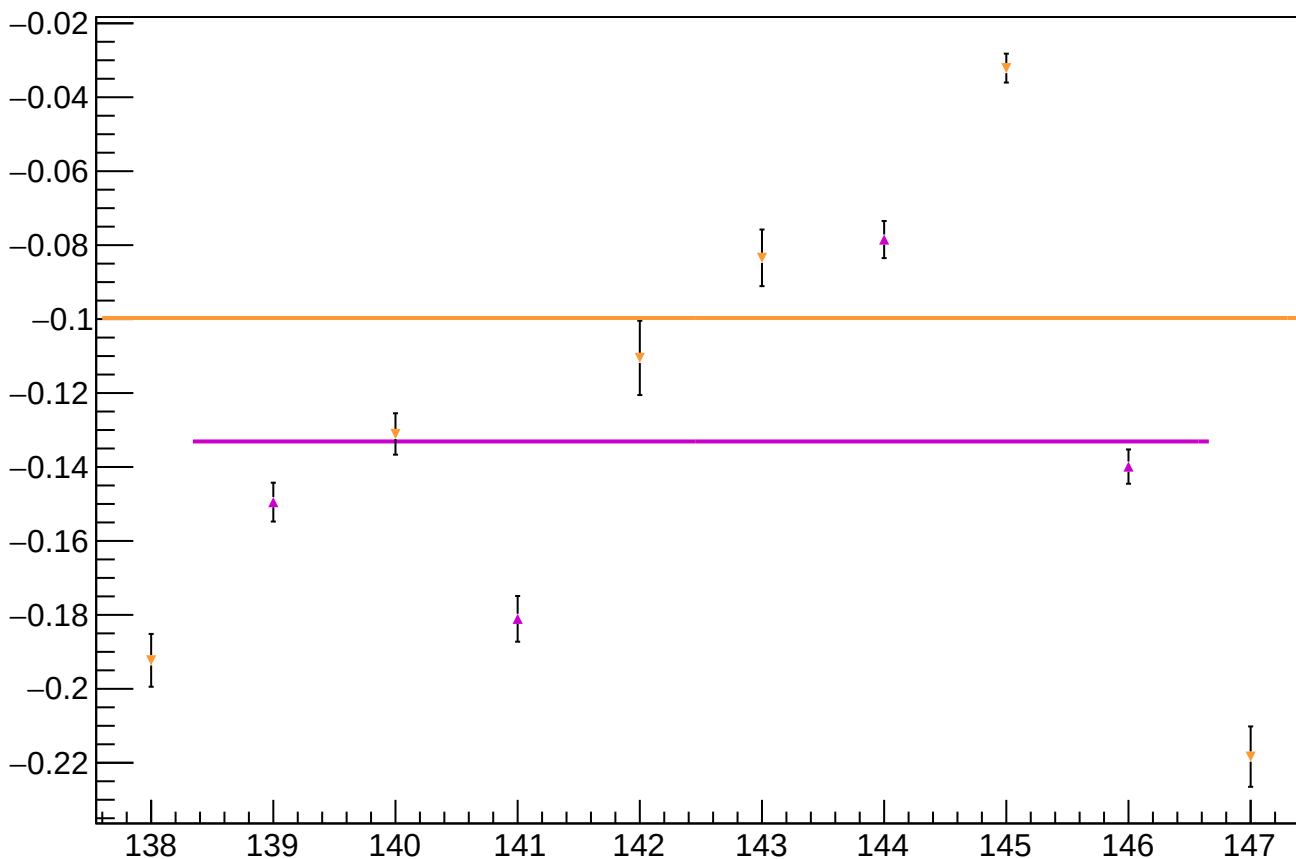
Left In: 15.041+/-0.054 χ^2/NDF : 4698.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.852+/-0.037 χ^2/NDF : 15885.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

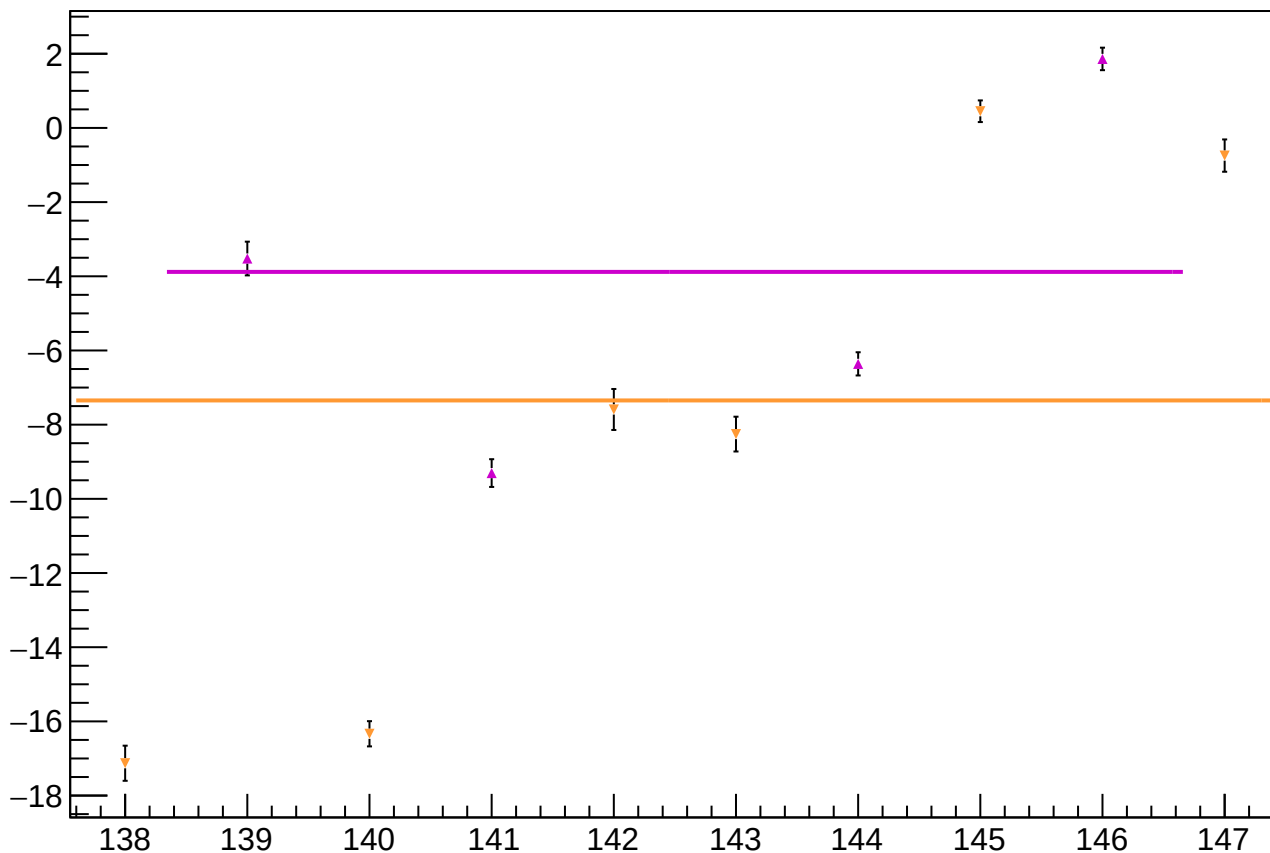
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.100 $\pm$ 0.003 χ^2 /NDF: 715.4/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.133 $\pm$ 0.003 χ^2 /NDF: 190.4/3

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.116 $\pm$ 0.002 χ^2 /NDF: 991.5/9
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



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

Left Out: -7.347+/-0.162 χ^2/NDF : 2072.1/5

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

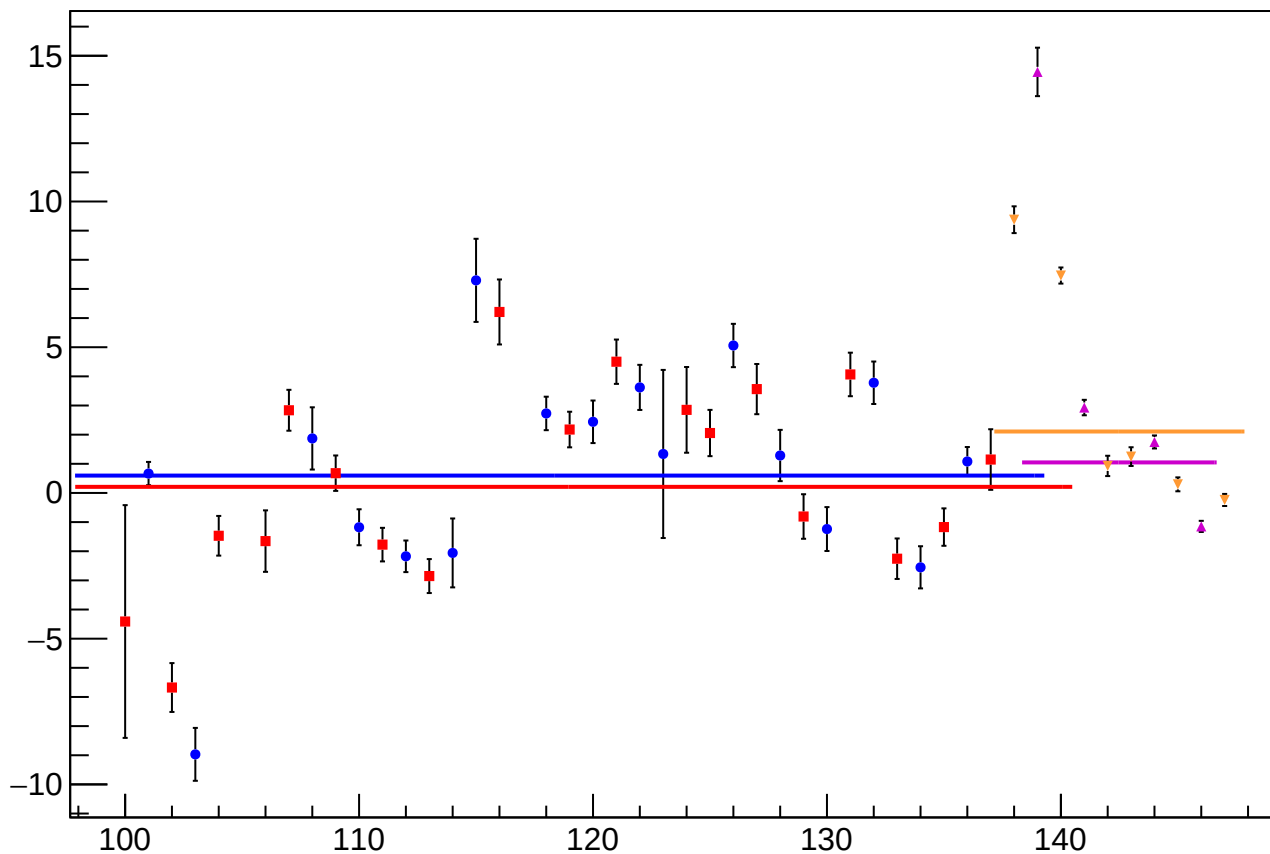
Left In: -3.881+/-0.174 χ^2/NDF : 632.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.733+/-0.119 χ^2/NDF : 2916.3/9

- sign 0.000+/-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: 2.108 ± 0.114 χ^2/NDF : 830.2/5

Right Out: 0.209 ± 0.175 χ^2/NDF : 273.5/18

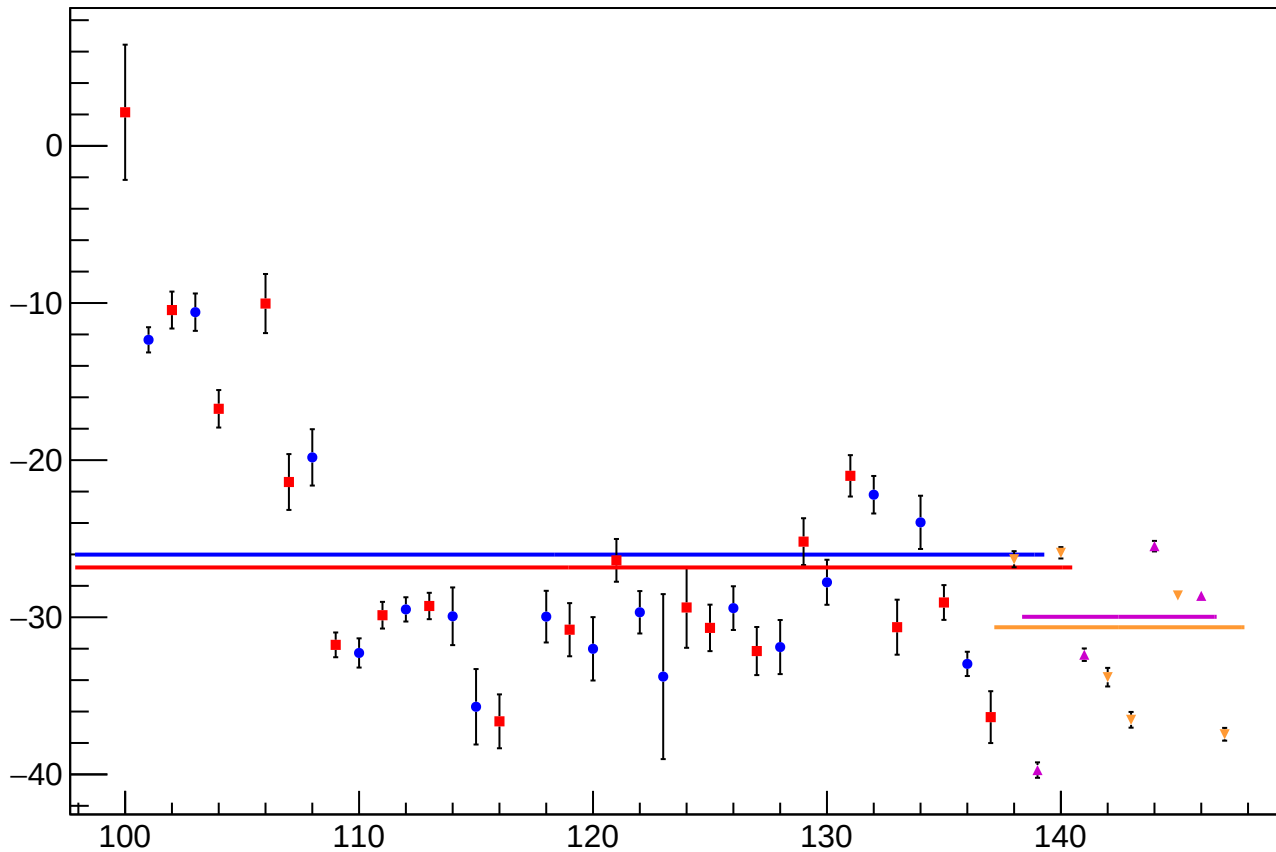
Left In: 1.048 ± 0.126 χ^2/NDF : 452.0/3

+ sign 1.634 ± 0.095 χ^2/NDF : 1176.4/22

All: 1.230 ± 0.069 χ^2/NDF : 1956.3/45

- sign 0.761 ± 0.102 χ^2/NDF : 740.7/22

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -26.012 ± 0.300 χ^2/NDF : 692.9/16

Left Out: -30.636 ± 0.170 χ^2/NDF : 733.0/5

Right Out: -26.829 ± 0.297 χ^2/NDF : 581.6/18

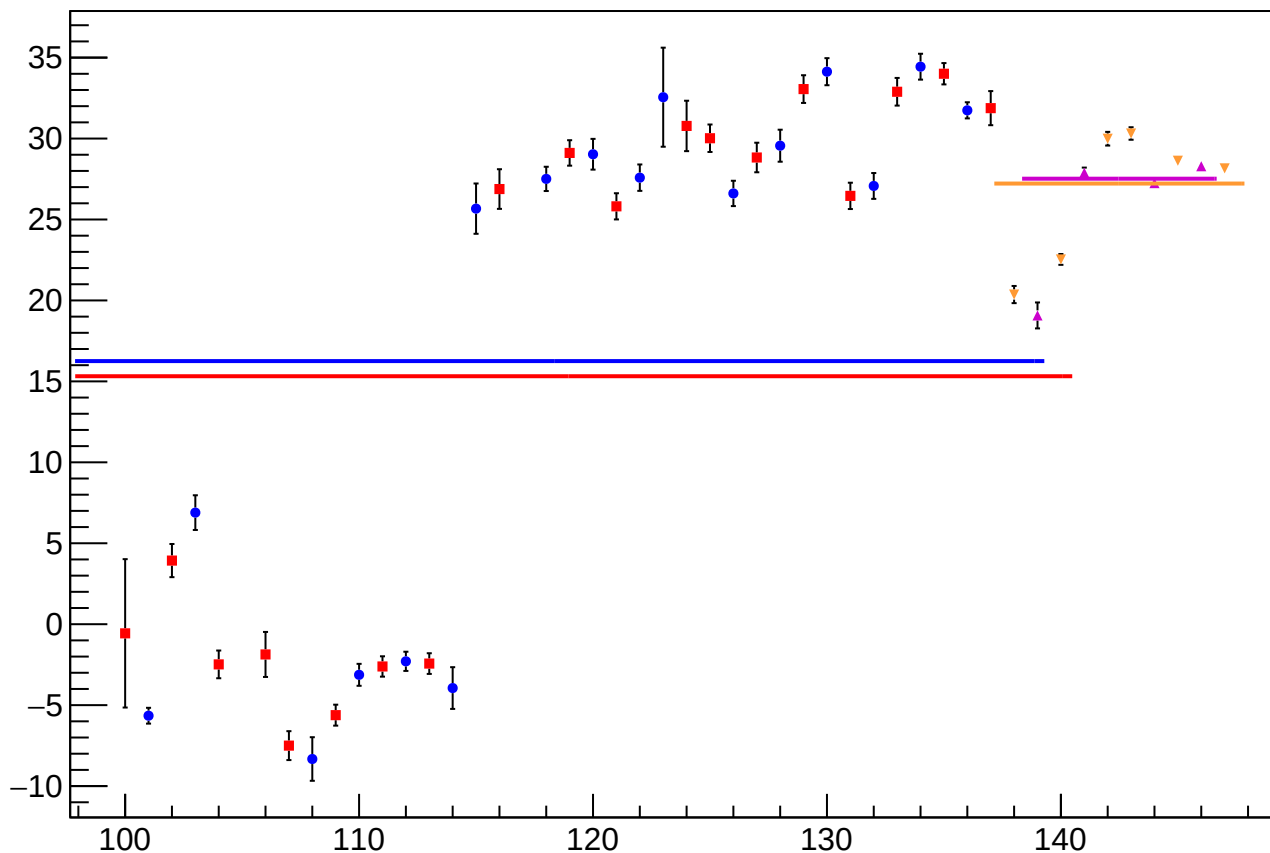
Left In: -29.970 ± 0.179 χ^2/NDF : 631.7/3

+ sign -29.514 ± 0.148 χ^2/NDF : 1606.4/22

All: -29.331 ± 0.106 χ^2/NDF : 2904.6/45

- sign -29.133 ± 0.154 χ^2/NDF : 1295.0/22

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: 27.220 $\pm$ 0.141 χ^2 /NDF: 508.2/5

Right Out: 15.318 $\pm$ 0.197 χ^2 /NDF: 7280.1/18

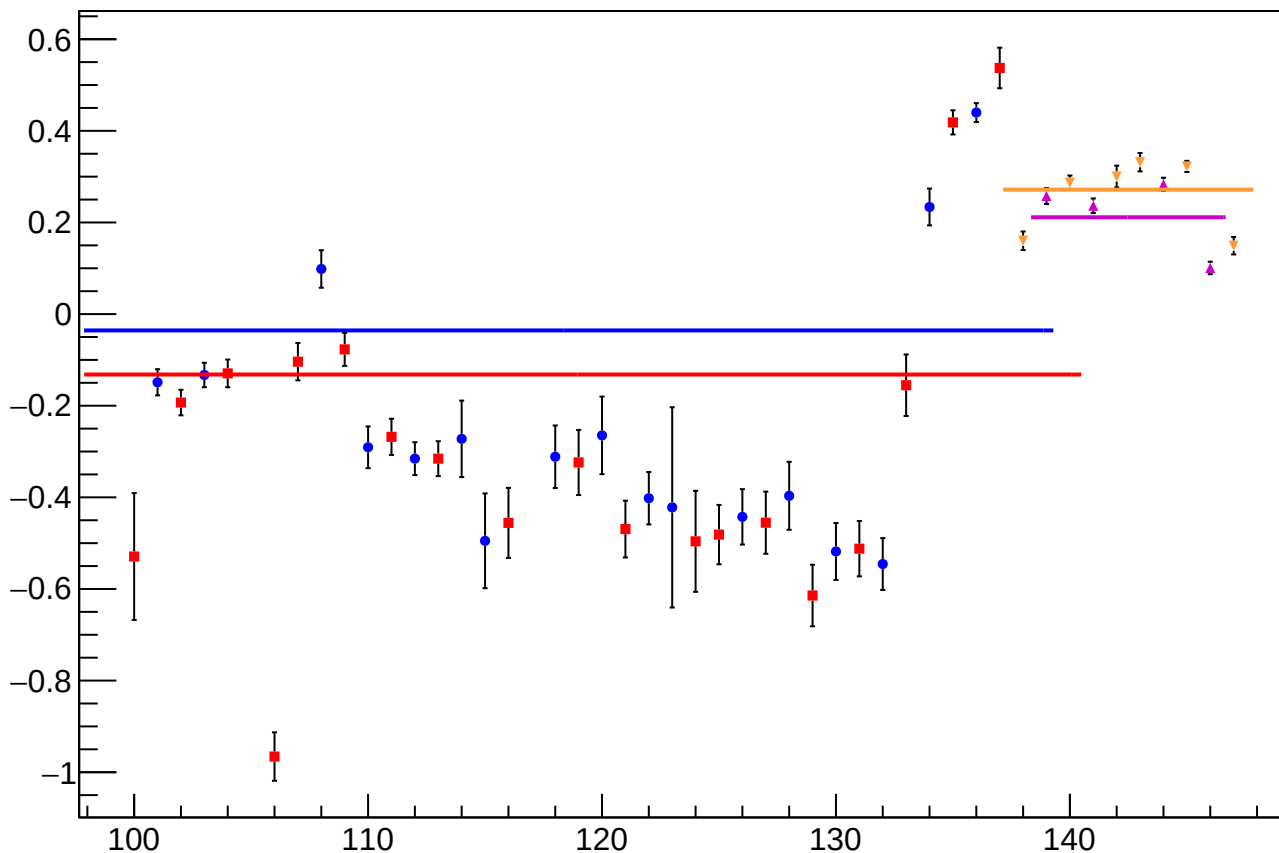
Left In: 27.520 $\pm$ 0.152 χ^2 /NDF: 123.8/3

+ sign 23.355 $\pm$ 0.113 χ^2 /NDF: 10253.7/22

All: 23.168 $\pm$ 0.083 χ^2 /NDF: 20065.4/45

- sign 22.957 $\pm$ 0.120 χ^2 /NDF: 9805.9/22

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: 0.272 ± 0.007 $\chi^2/\text{NDF}: 99.9/5$

Right Out: -0.132 ± 0.010 $\chi^2/\text{NDF}: 1171.3/18$

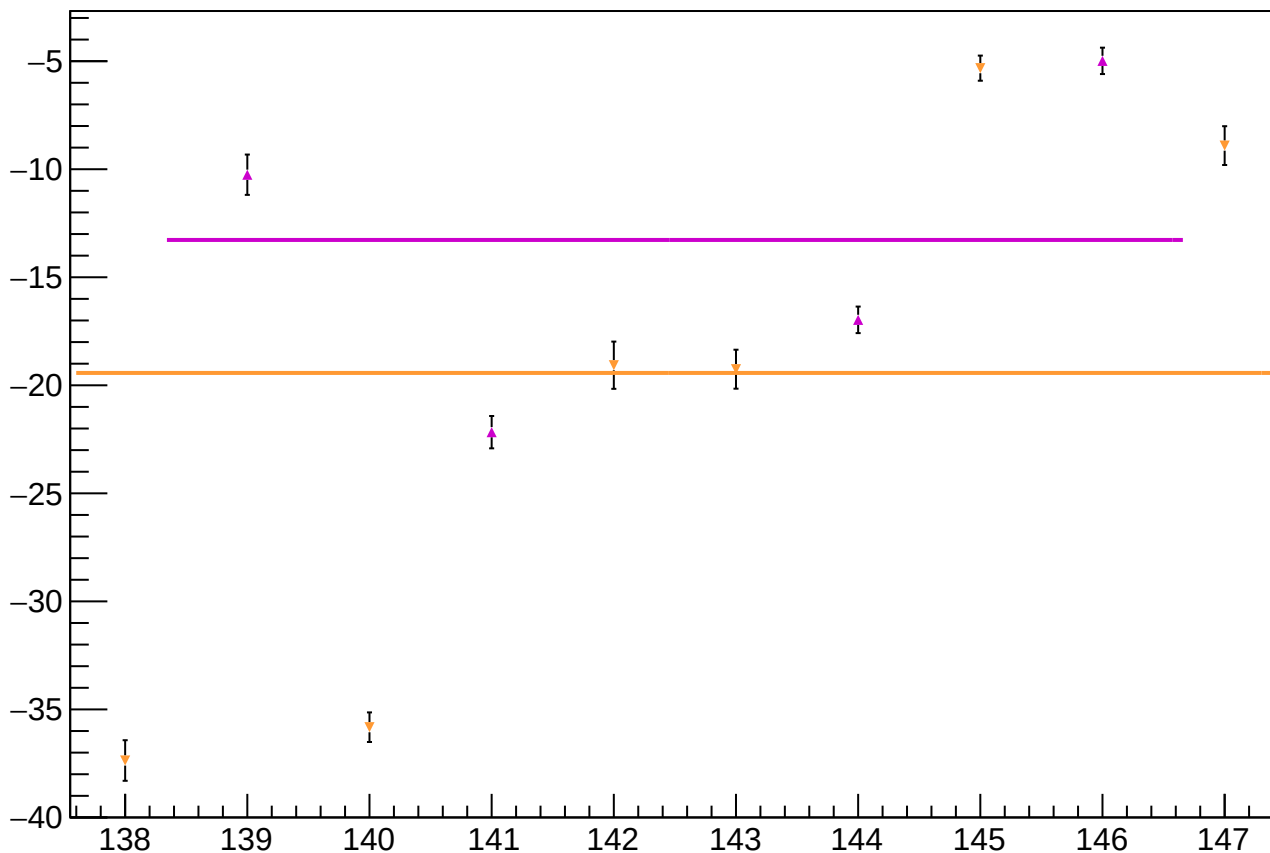
Left In: 0.211 ± 0.008 $\chi^2/\text{NDF}: 99.7/3$

+ sign 0.174 ± 0.006 $\chi^2/\text{NDF}: 1720.4/22$

All: 0.135 ± 0.004 $\chi^2/\text{NDF}: 3801.1/45$

- sign 0.091 ± 0.006 $\chi^2/\text{NDF}: 1984.0/22$

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -19.428+/-0.324 χ^2/NDF :1663.7/5

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

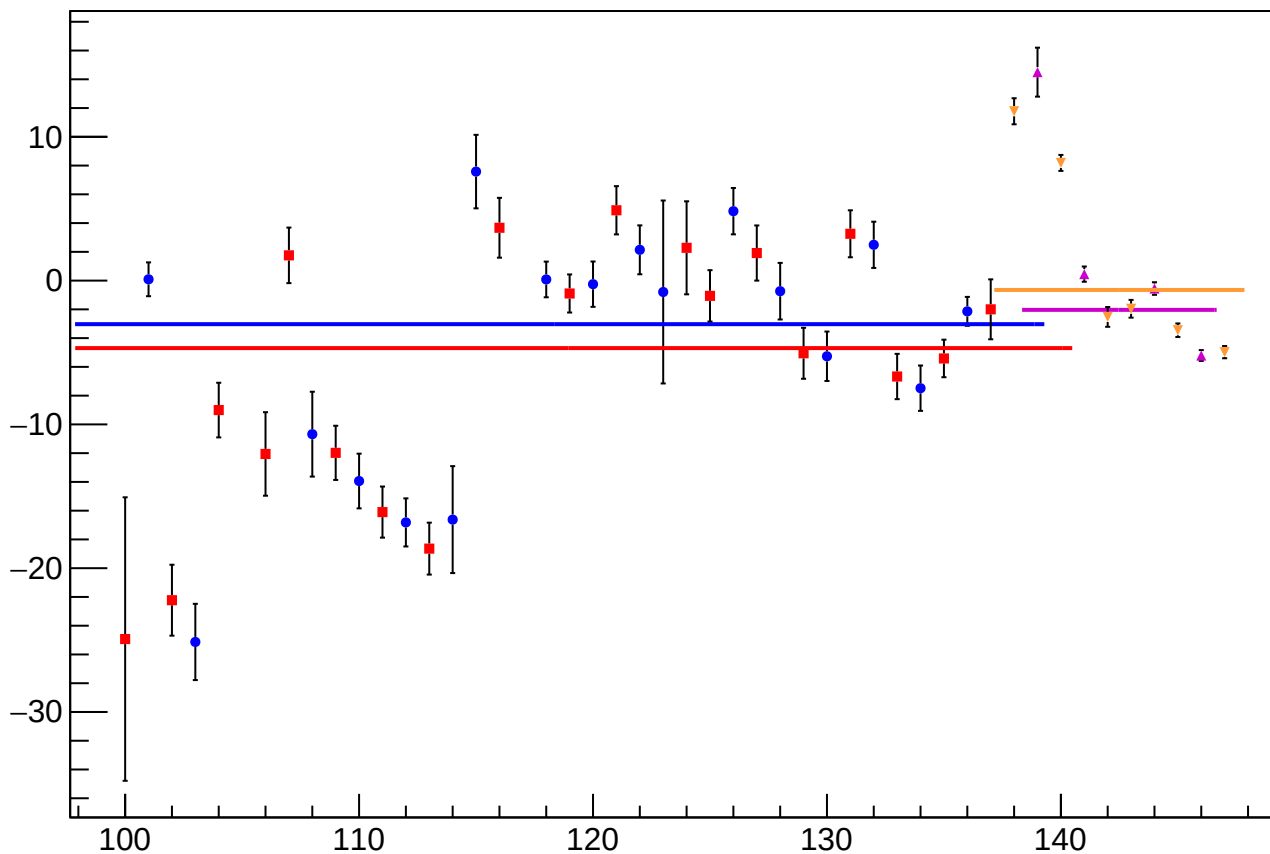
Left In: -13.273+/-0.348 χ^2/NDF :372.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.568+/-0.237 χ^2/NDF : 2203.7/9

- 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: -0.650 ± 0.228 χ^2/NDF : 591.2/5

Right Out: -4.694 ± 0.427 χ^2/NDF : 298.3/18

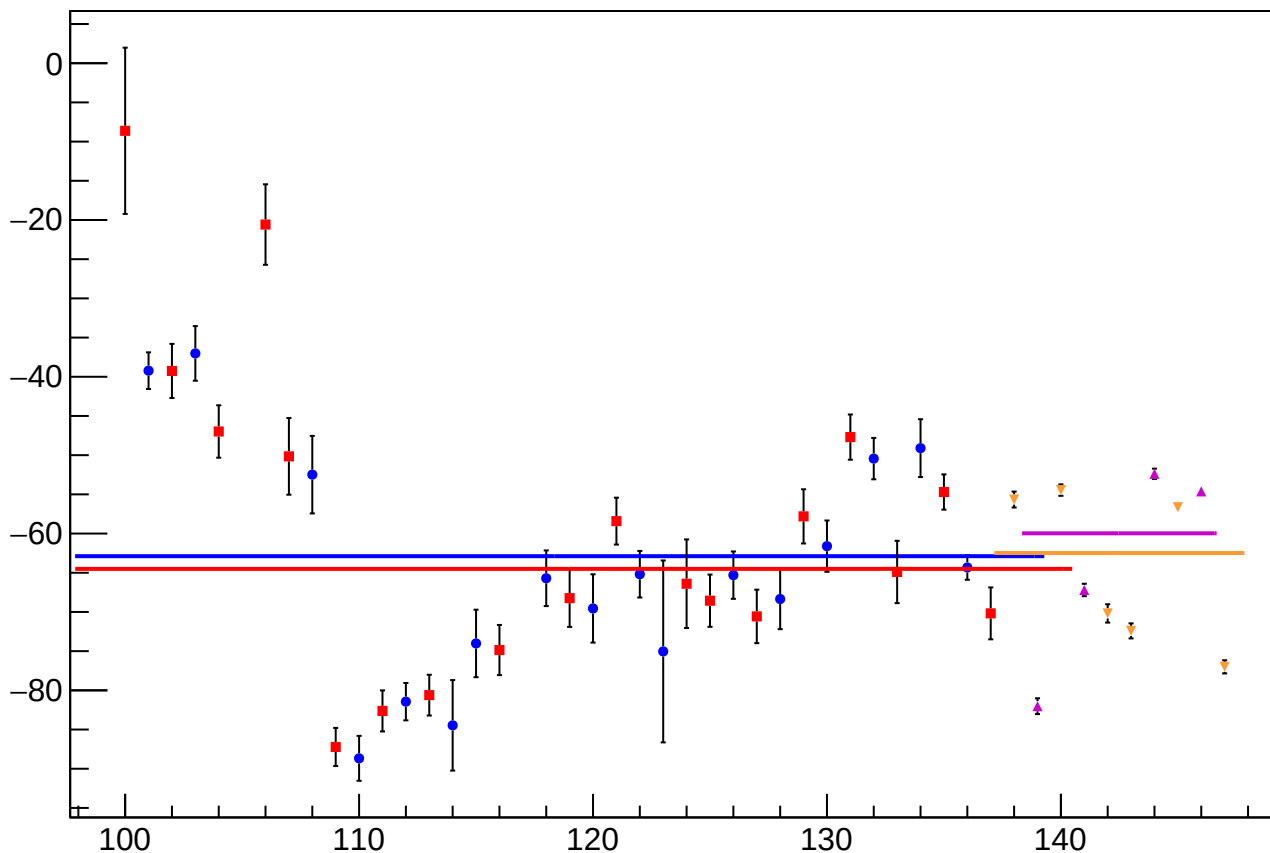
Left In: -2.034 ± 0.249 χ^2/NDF : 198.5/3

+ sign -1.219 ± 0.199 χ^2/NDF : 898.0/22

All: -1.907 ± 0.146 χ^2/NDF : 1449.6/45

- sign -2.710 ± 0.215 χ^2/NDF : 525.7/22

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.887 ± 0.738 χ^2/NDF : 368.7/16

Left Out: -62.480 ± 0.339 χ^2/NDF : 705.5/5

Right Out: -64.502 ± 0.751 χ^2/NDF : 444.1/18

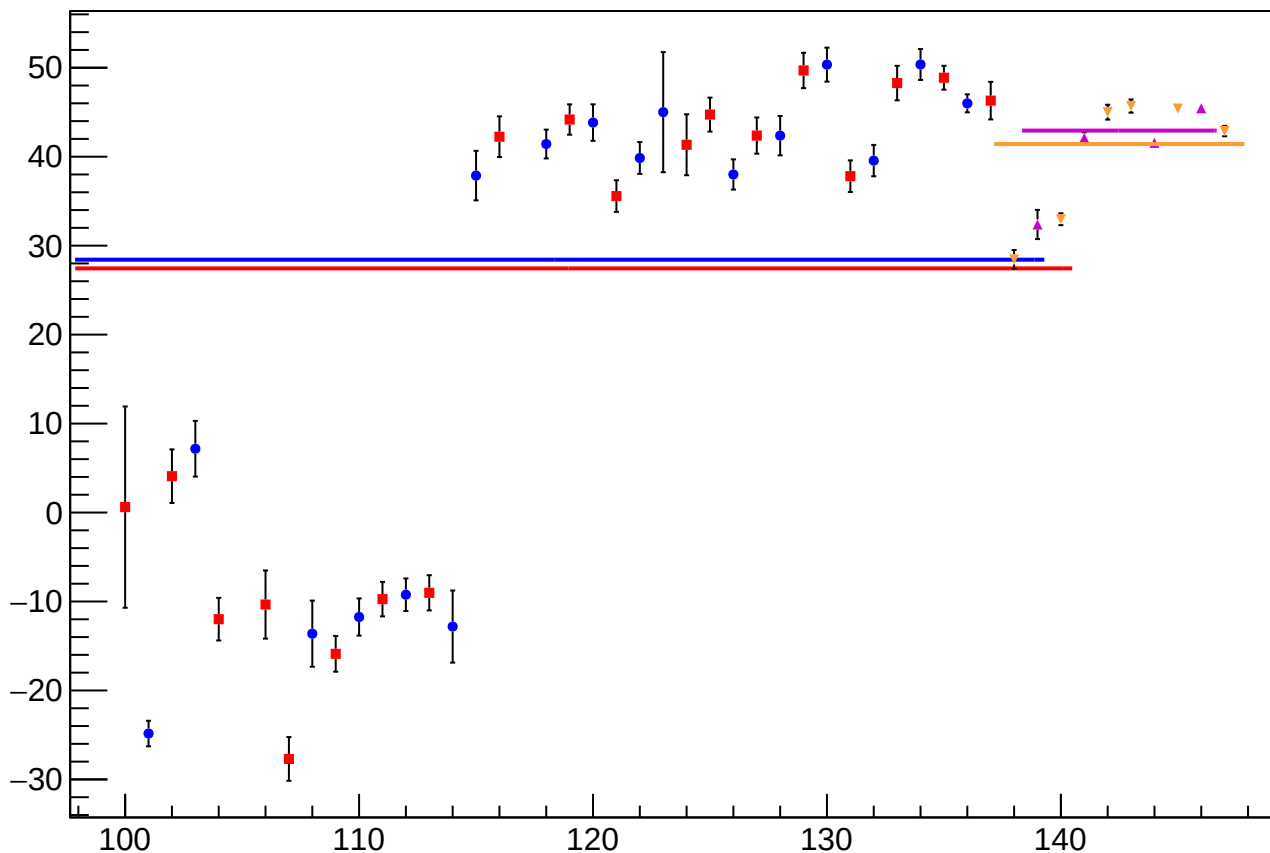
Left In: -59.969 ± 0.359 χ^2/NDF : 777.0/3

+ sign -62.550 ± 0.308 χ^2/NDF : 1074.5/22

All: -61.723 ± 0.223 χ^2/NDF : 2340.4/45

- sign -60.810 ± 0.324 χ^2/NDF : 1250.7/22

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.425 ± 0.457 $\chi^2/\text{NDF}: 3330.3/16$

Left Out: 41.421 ± 0.281 $\chi^2/\text{NDF}: 422.5/5$

Right Out: 27.441 ± 0.479 $\chi^2/\text{NDF}: 3033.0/18$

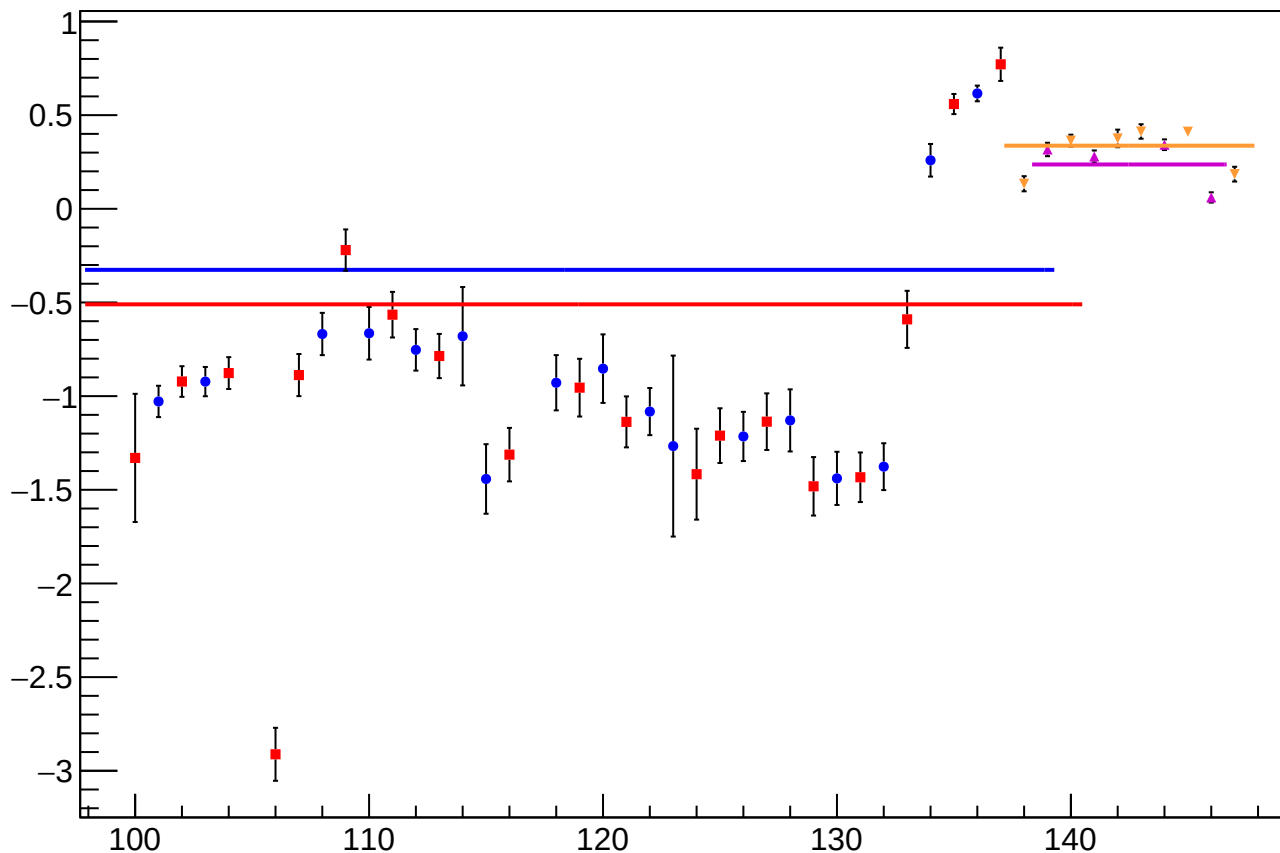
Left In: 42.935 ± 0.302 $\chi^2/\text{NDF}: 77.8/3$

+ sign 37.852 ± 0.240 $\chi^2/\text{NDF}: 4339.2/22$

All: 38.163 ± 0.175 $\chi^2/\text{NDF}: 8202.7/45$

- sign 38.518 ± 0.256 $\chi^2/\text{NDF}: 3859.9/22$

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.326 ± 0.025 $\chi^2/\text{NDF}: 1013.0/16$

Left Out: 0.337 ± 0.014 $\chi^2/\text{NDF}: 54.9/5$

Right Out: -0.510 ± 0.026 $\chi^2/\text{NDF}: 1169.4/18$

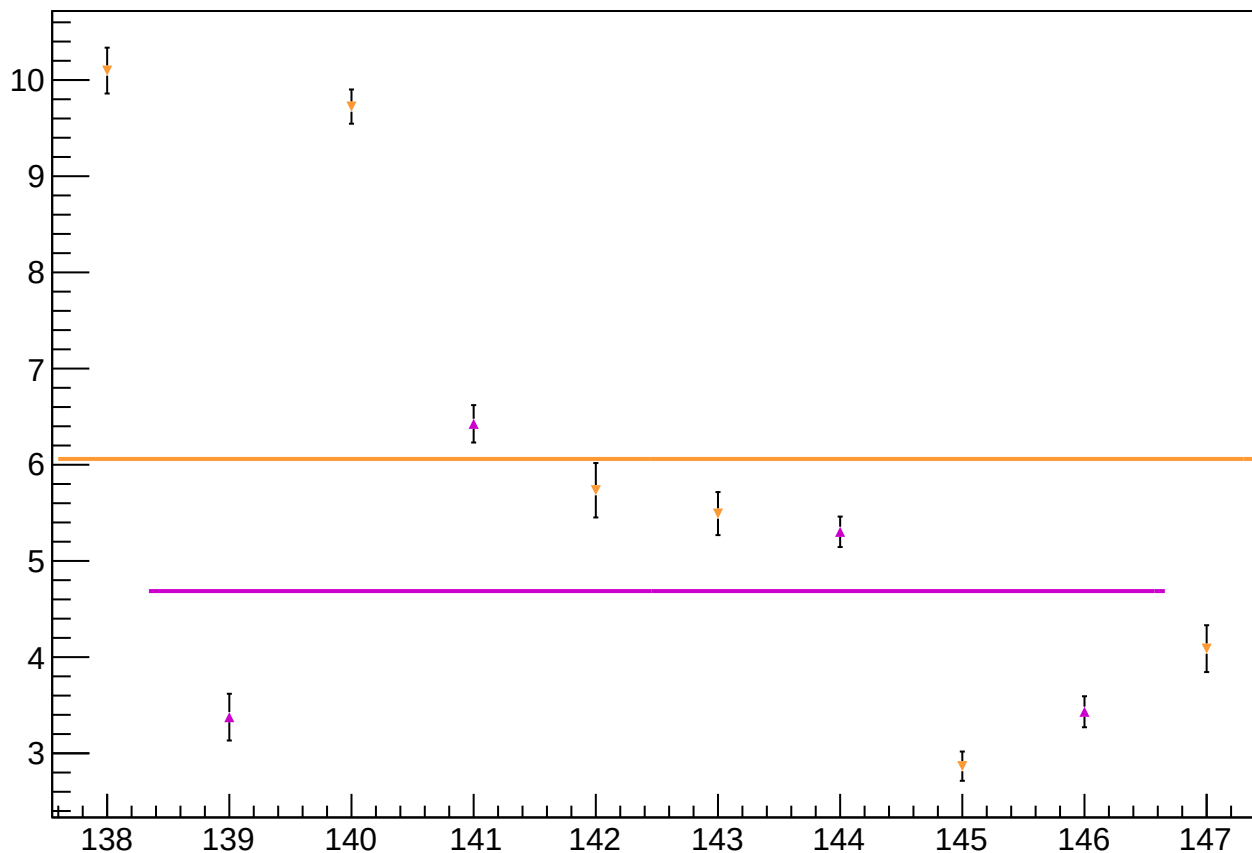
Left In: 0.237 ± 0.015 $\chi^2/\text{NDF}: 61.7/3$

+ sign 0.177 ± 0.012 $\chi^2/\text{NDF}: 1605.7/22$

All: 0.114 ± 0.009 $\chi^2/\text{NDF}: 3517.6/45$

- sign 0.043 ± 0.013 $\chi^2/\text{NDF}: 1855.6/22$

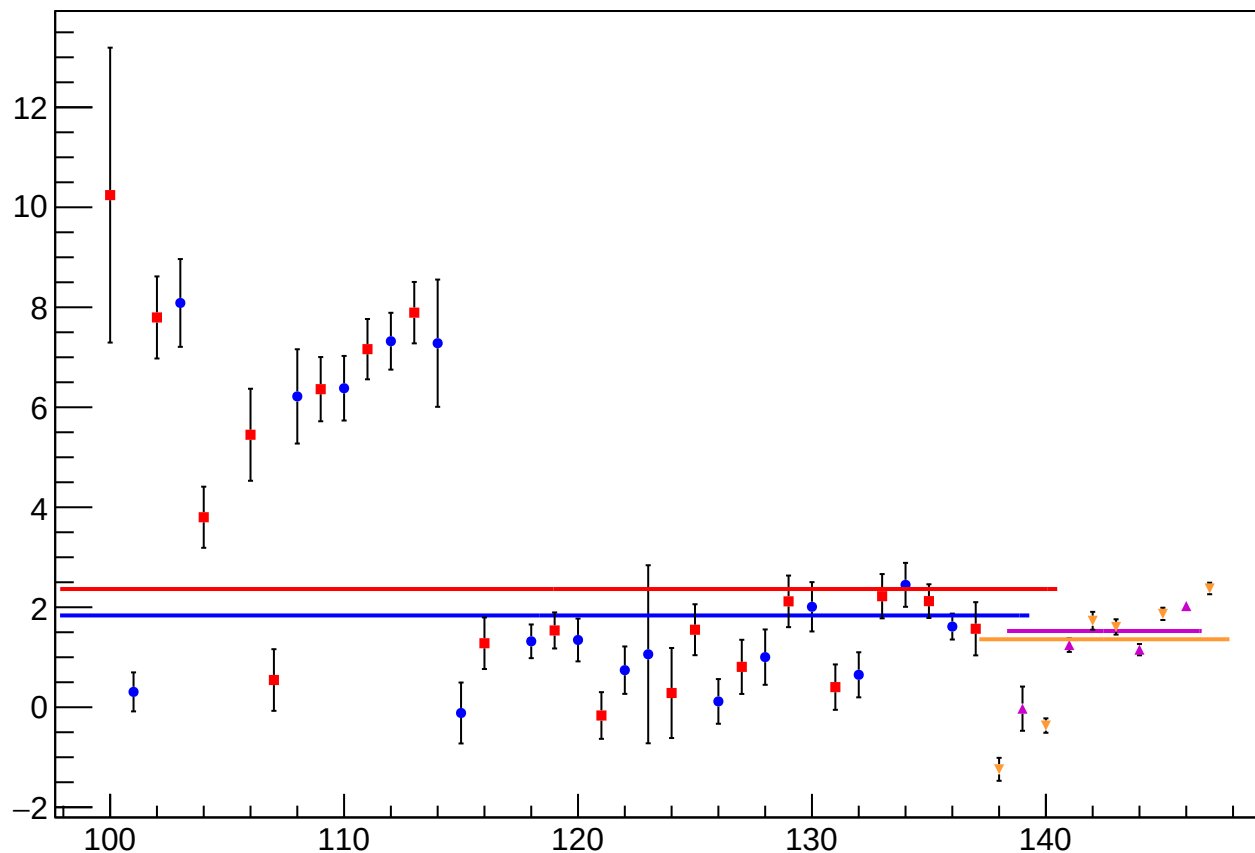
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.061+/-0.084 χ^2/NDF :1224.6/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.687+/-0.091 χ^2/NDF :184.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 5.426+/-0.062 χ^2/NDF : 1533.2/9
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 ± 0.116 χ^2/NDF : 294.9/16

Left Out: 1.359 ± 0.059 χ^2/NDF : 373.2/5

Right Out: 2.365 ± 0.123 χ^2/NDF : 336.4/18

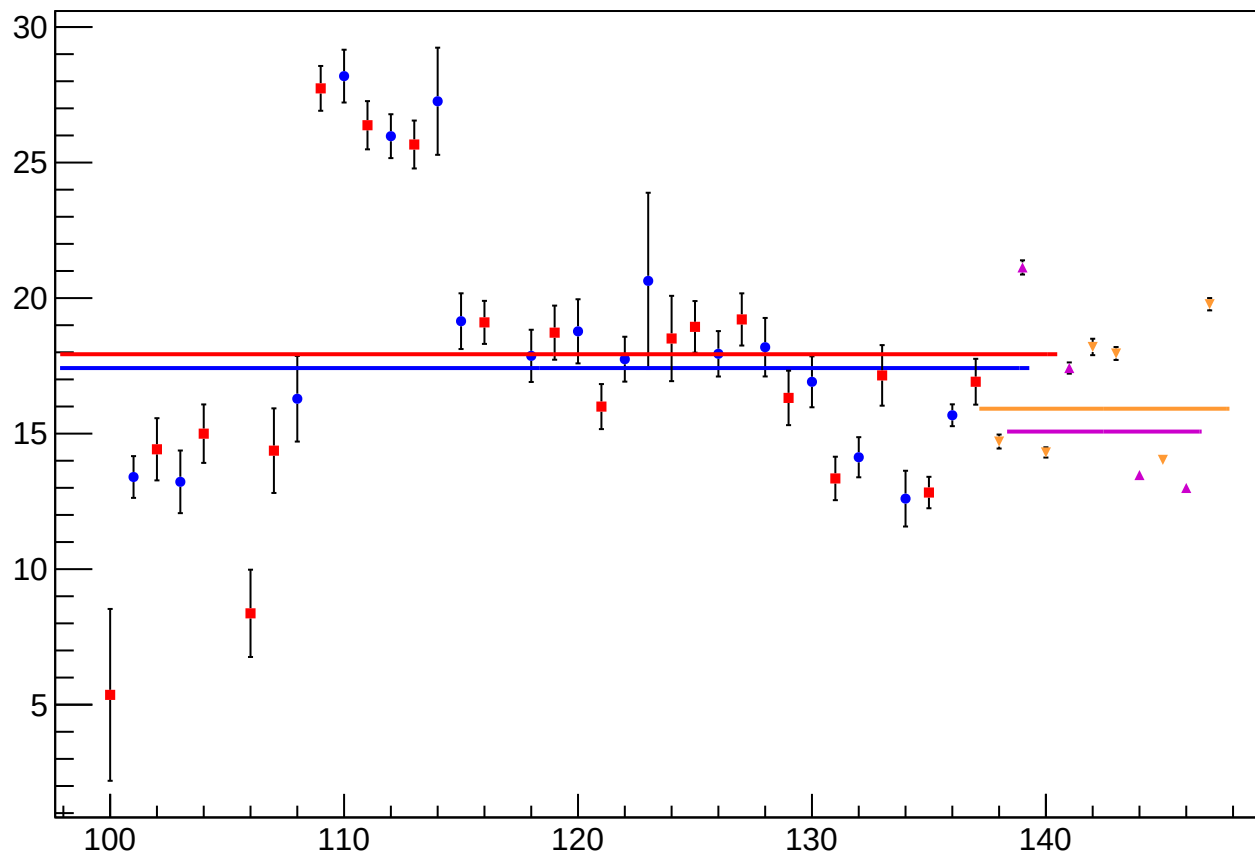
Left In: 1.525 ± 0.064 χ^2/NDF : 53.4/3

+ sign 1.459 ± 0.053 χ^2/NDF : 681.4/22

All: 1.573 ± 0.039 χ^2/NDF : 1118.2/45

- sign 1.707 ± 0.057 χ^2/NDF : 426.6/22

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.418 ± 0.212 χ^2/NDF : 366.8/16

Left Out: 15.919 ± 0.088 χ^2/NDF : 647.5/5

Right Out: 17.929 ± 0.219 χ^2/NDF : 506.3/18

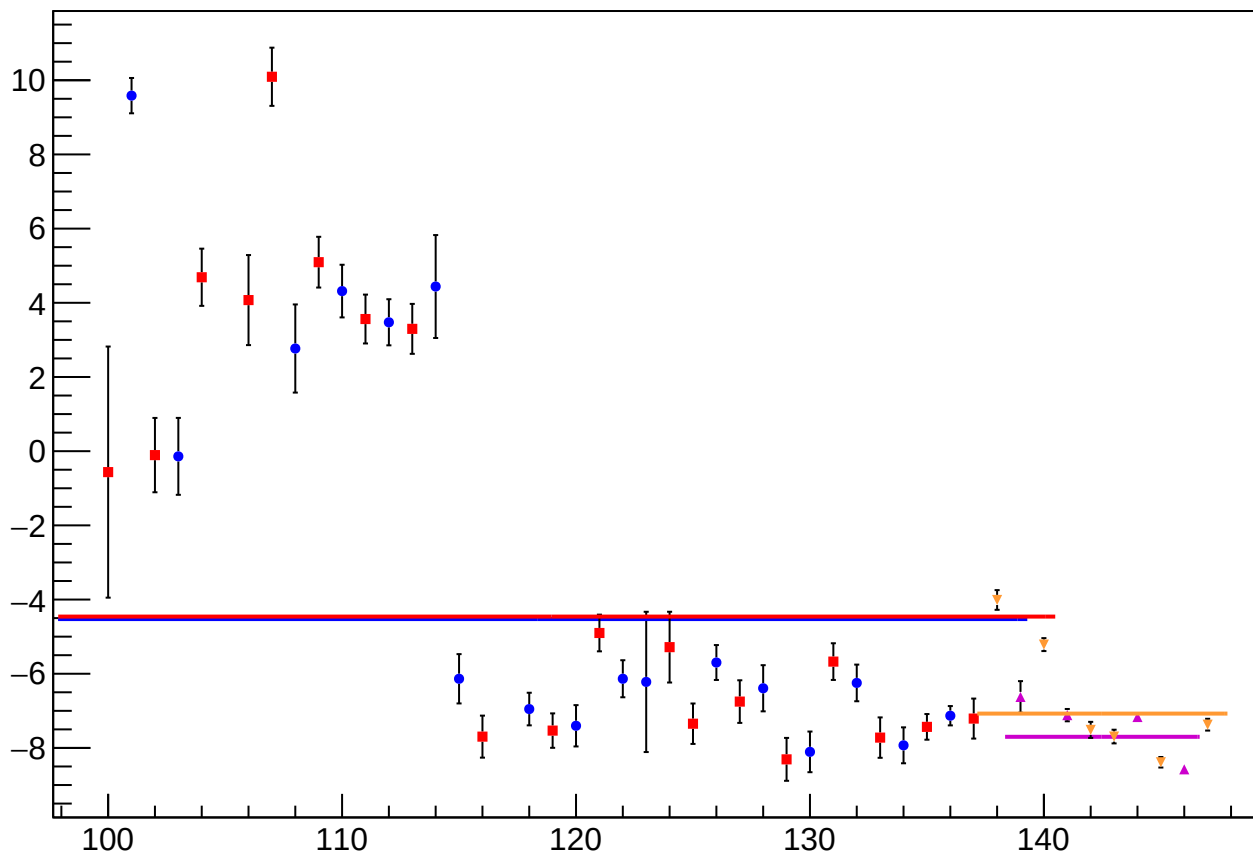
Left In: 15.076 ± 0.093 χ^2/NDF : 930.9/3

+ sign 16.140 ± 0.081 χ^2/NDF : 1057.1/22

All: 15.845 ± 0.059 χ^2/NDF : 2665.8/45

- sign 15.516 ± 0.086 χ^2/NDF : 1580.9/22

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: -7.074 ± 0.073 χ^2/NDF : 351.0/5

Right Out: -4.459 ± 0.137 χ^2/NDF : 1338.9/18

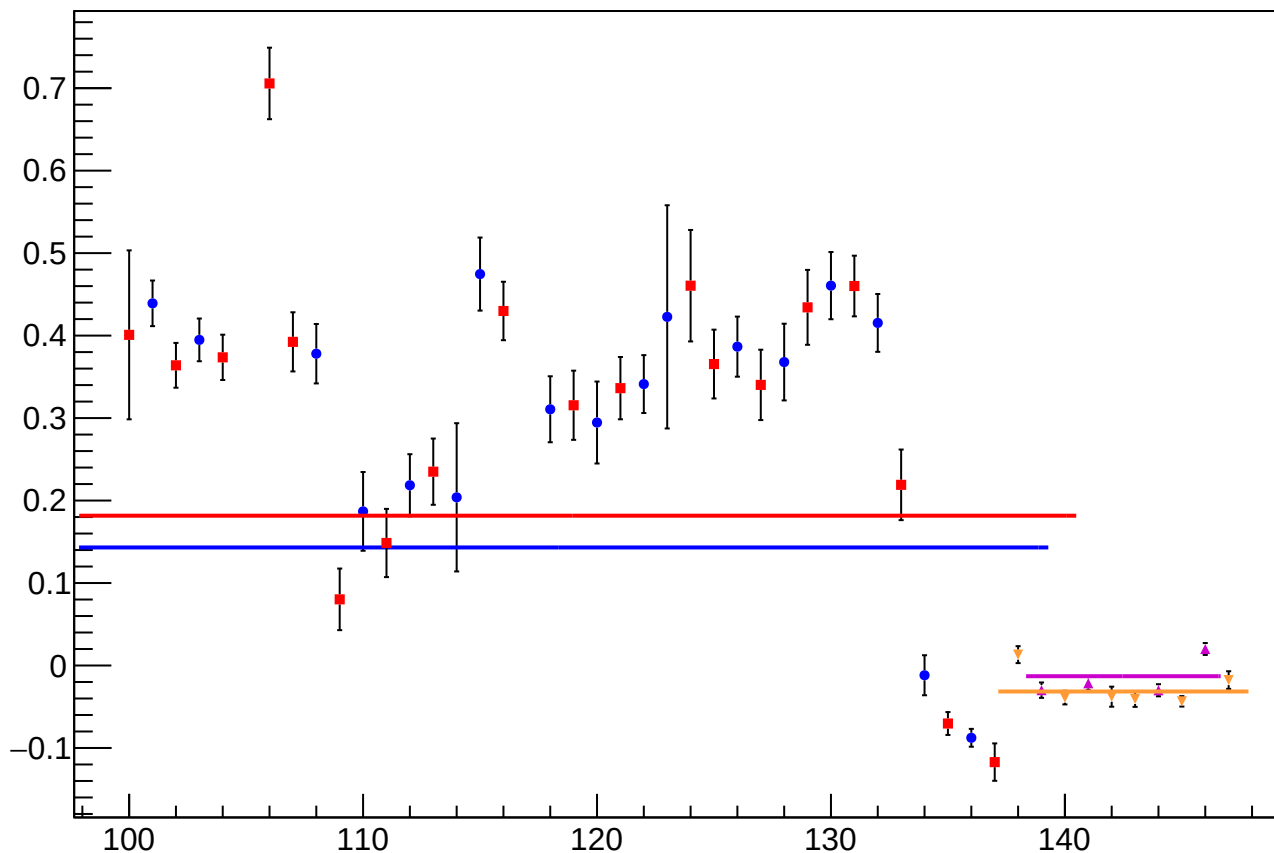
Left In: -7.700 ± 0.078 χ^2/NDF : 84.5/3

+ sign -6.458 ± 0.064 χ^2/NDF : 2234.7/22

All: -6.664 ± 0.047 χ^2/NDF : 4102.0/45

- sign -6.899 ± 0.068 χ^2/NDF : 1844.9/22

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1060.4/16

Left Out: -0.032 $\pm$ 0.004 χ^2 /NDF:26.1/5

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1007.8/18

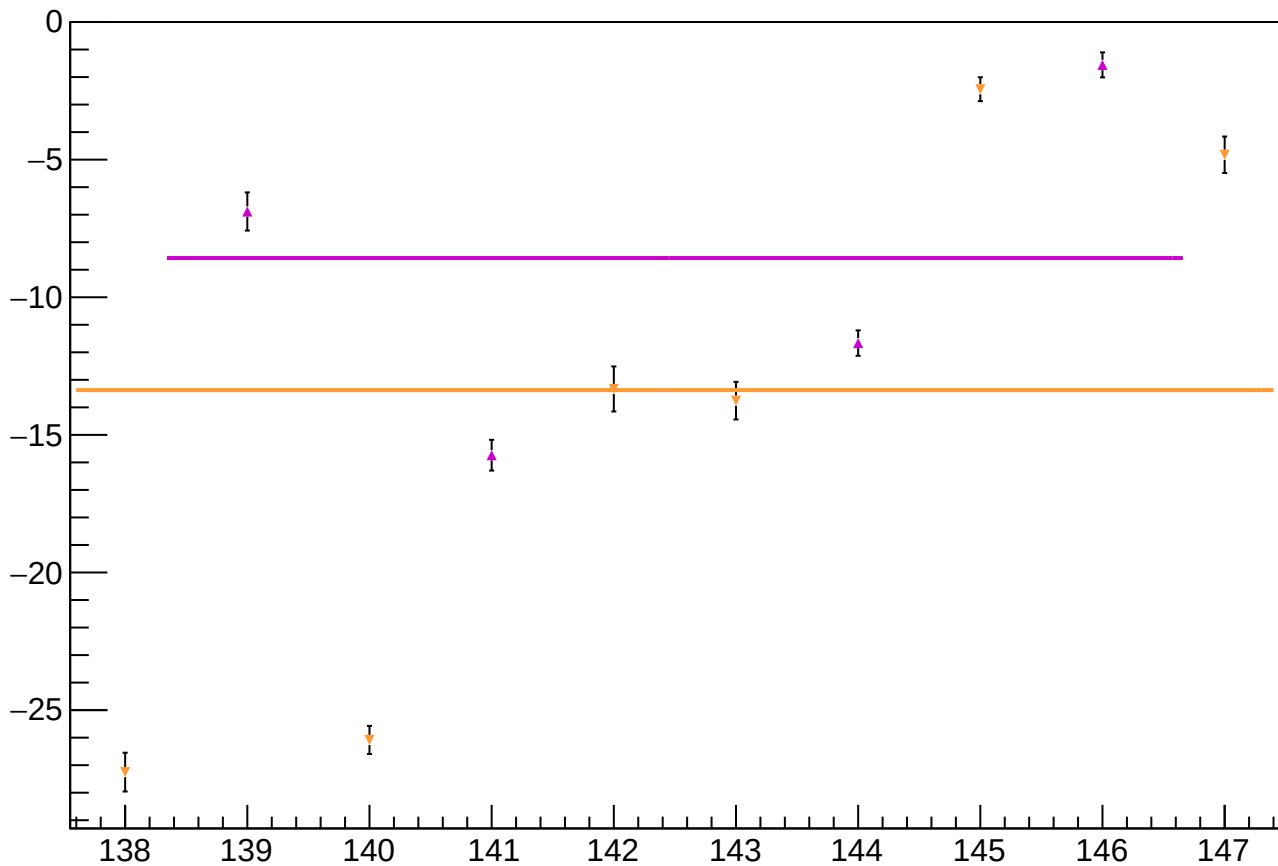
Left In: -0.013 $\pm$ 0.004 χ^2 /NDF:30.6/3

+ sign 0.005 $\pm$ 0.003 χ^2 /NDF: 1570.6/22

All: 0.017 $\pm$ 0.002 χ^2 /NDF: 3176.1/45

- sign 0.031 $\pm$ 0.003 χ^2 /NDF: 1577.3/22

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.373+/-0.242 χ^2/NDF : 1808.6/5

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

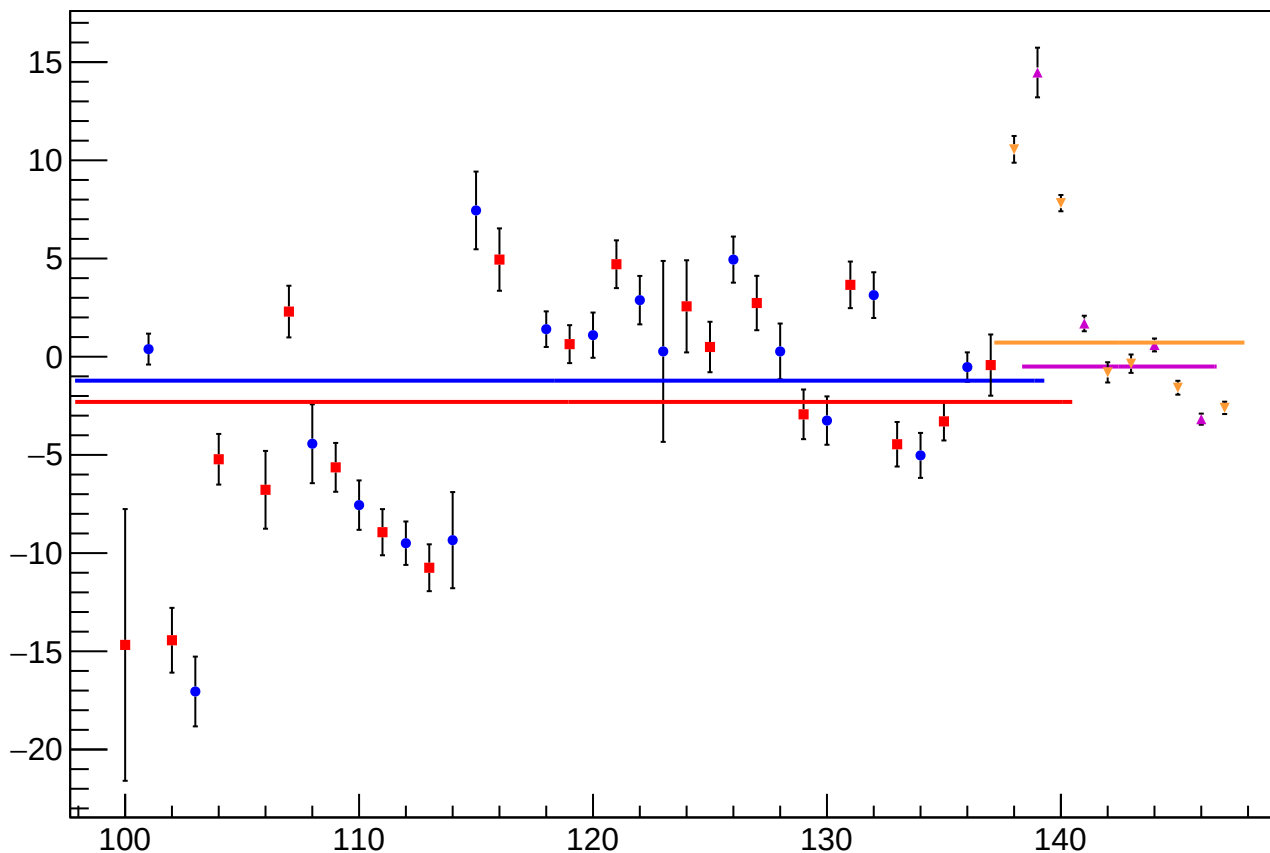
Left In: -8.575+/-0.260 χ^2/NDF : 453.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.142+/-0.177 χ^2/NDF : 2445.1/9

- sign 0.000+/-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: 0.719 ± 0.170 χ^2/NDF : 670.6/5

Right Out: -2.302 ± 0.302 χ^2/NDF : 286.2/18

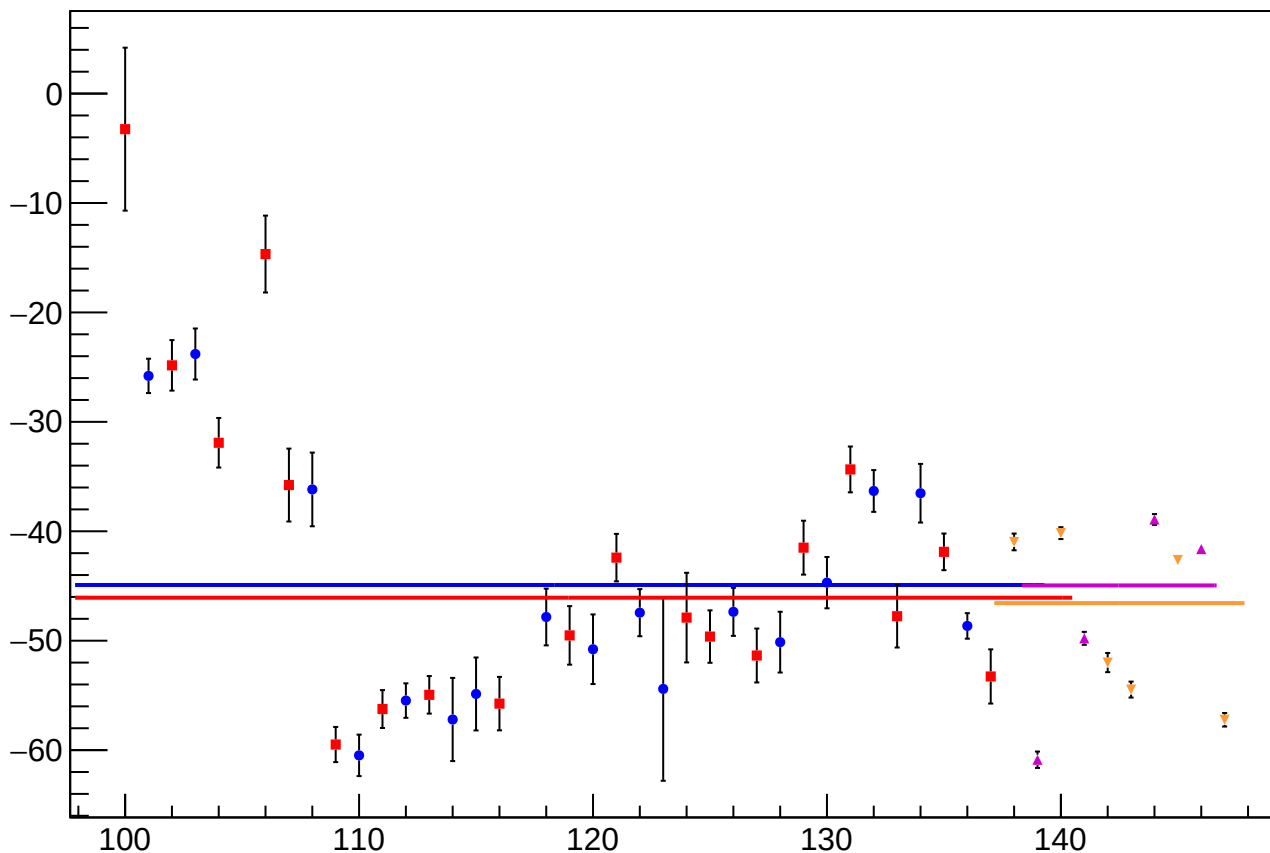
Left In: -0.501 ± 0.186 χ^2/NDF : 271.8/3

+ sign 0.221 ± 0.147 χ^2/NDF : 982.5/22

All: -0.341 ± 0.108 χ^2/NDF : 1598.0/45

- sign -0.997 ± 0.159 χ^2/NDF : 583.8/22

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.908 ± 0.523 χ^2/NDF : 421.2/16

Left Out: -46.563 ± 0.253 χ^2/NDF : 718.3/5

Right Out: -46.071 ± 0.528 χ^2/NDF : 454.0/18

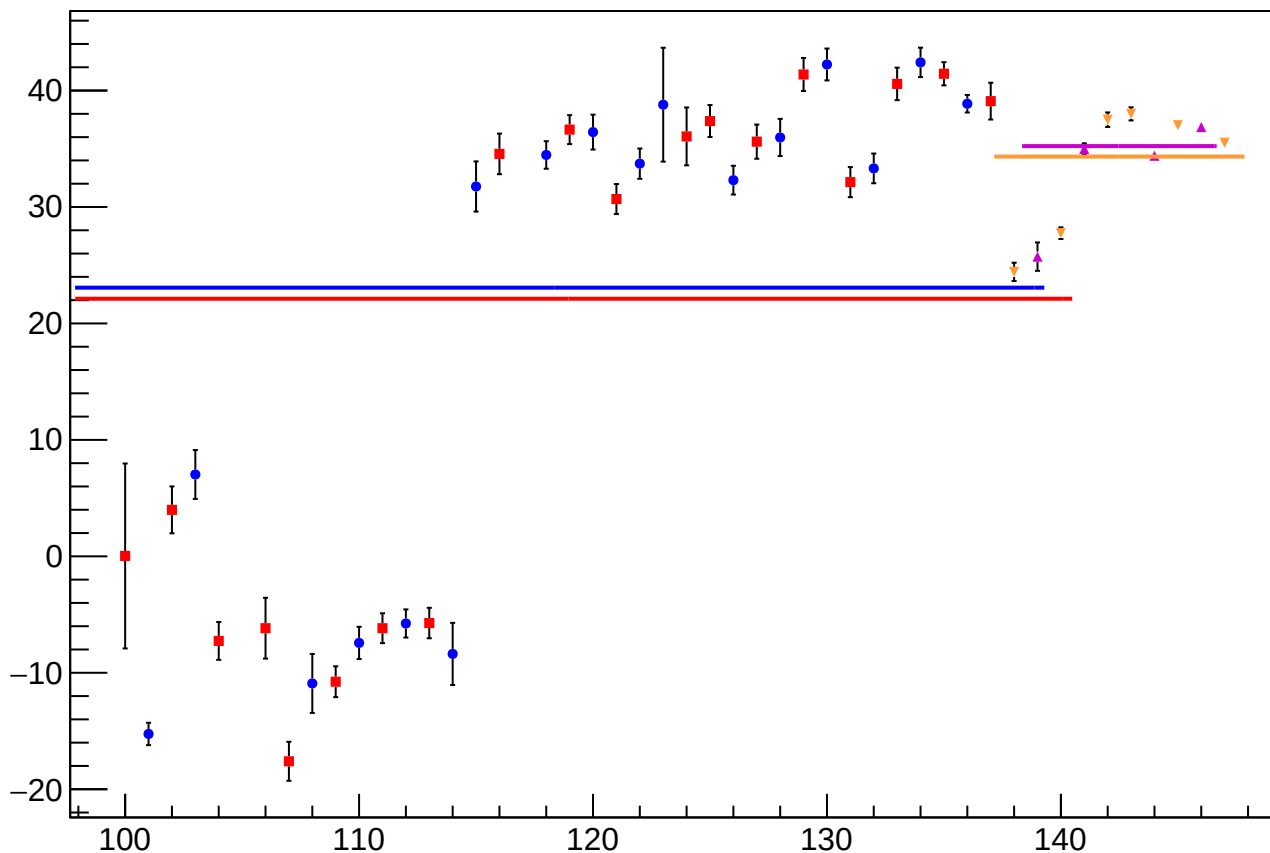
Left In: -44.948 ± 0.268 χ^2/NDF : 726.0/3

+ sign -46.249 ± 0.228 χ^2/NDF : 1147.6/22

All: -45.738 ± 0.165 χ^2/NDF : 2341.8/45

- sign -45.178 ± 0.239 χ^2/NDF : 1183.6/22

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: 34.329 $\pm$ 0.210 χ^2 /NDF: 449.9/5

Right Out: 22.122 $\pm$ 0.340 χ^2 /NDF: 4034.4/18

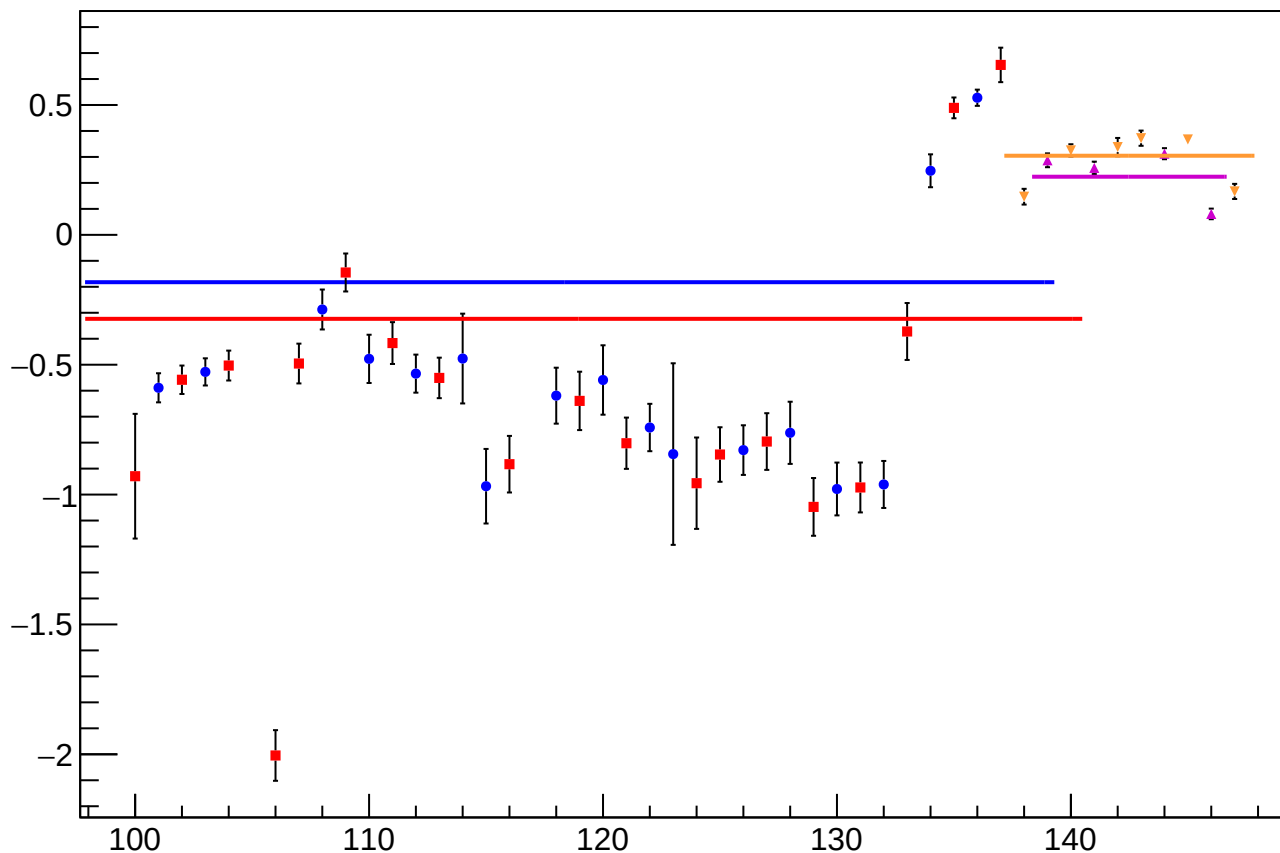
Left In: 35.231 $\pm$ 0.226 χ^2 /NDF: 86.6/3

+ sign 31.026 $\pm$ 0.177 χ^2 /NDF: 5638.2/22

All: 31.112 $\pm$ 0.129 χ^2 /NDF: 10790.8/45

- sign 31.209 $\pm$ 0.188 χ^2 /NDF: 5152.2/22

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.182 ± 0.018 χ^2/NDF : 998.1/16

Left Out: 0.305 ± 0.010 χ^2/NDF : 68.4/5

Right Out: -0.323 ± 0.018 χ^2/NDF : 1184.5/18

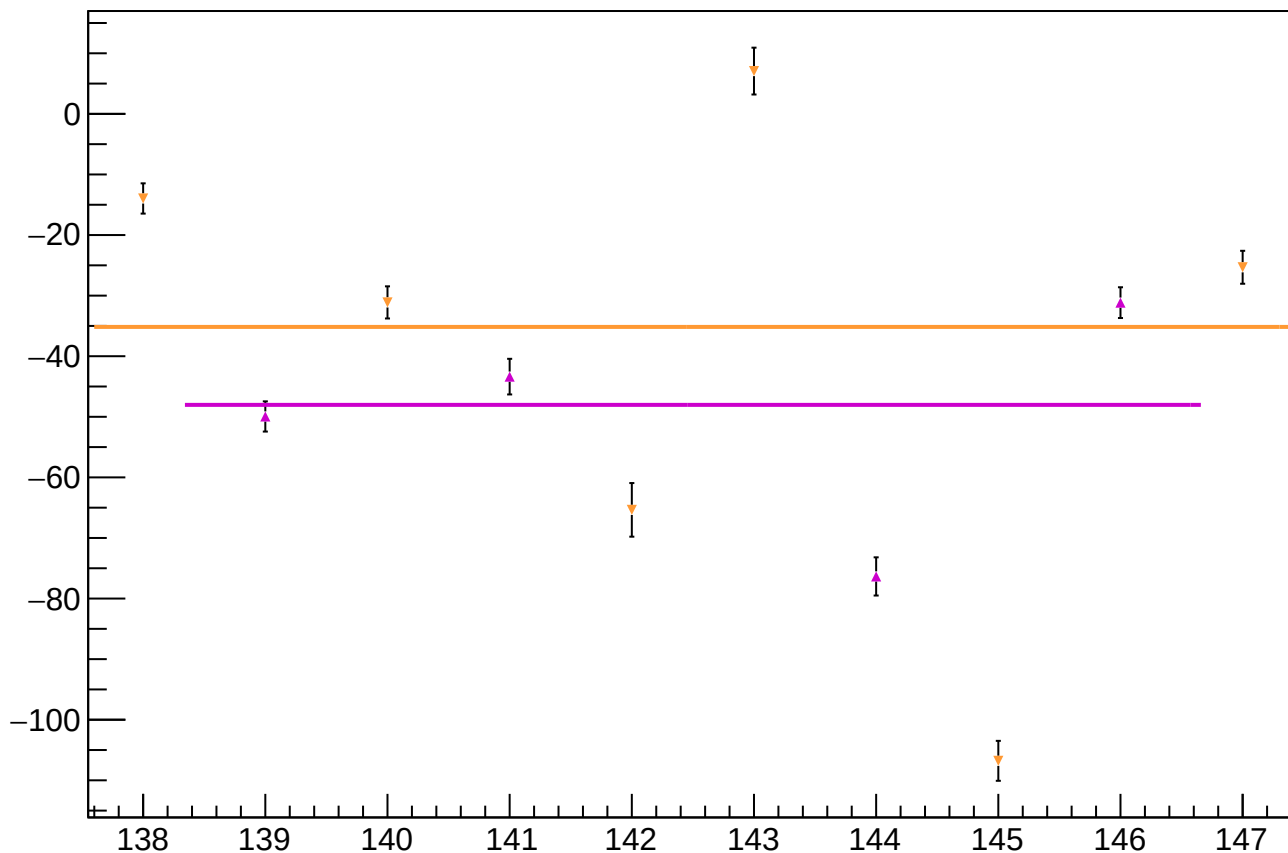
Left In: 0.224 ± 0.011 χ^2/NDF : 74.0/3

+ sign 0.178 ± 0.009 χ^2/NDF : 1625.4/22

All: 0.128 ± 0.007 χ^2/NDF : 3603.7/45

- sign 0.070 ± 0.010 χ^2/NDF : 1910.6/22

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -35.164+/-1.243 χ^2/NDF : 725.4/5

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

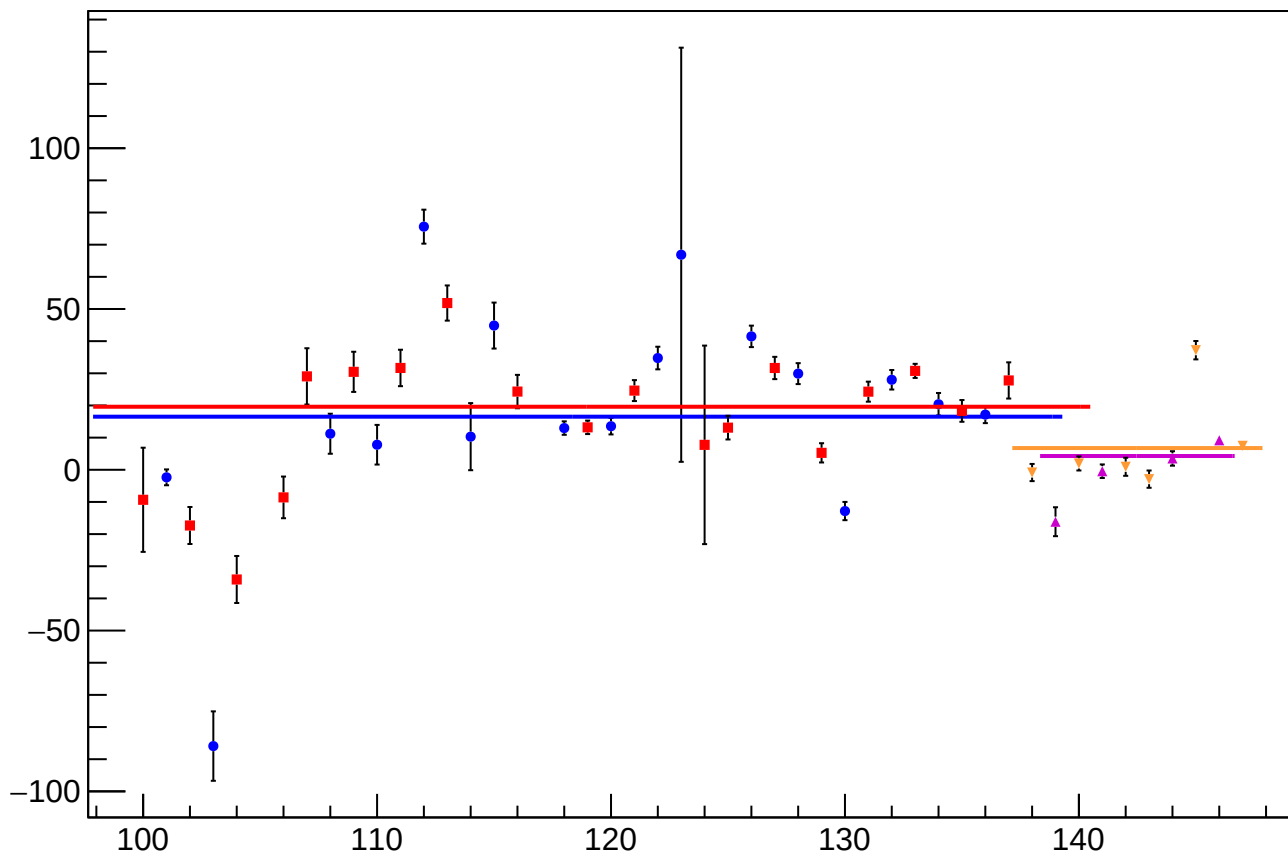
Left In: -48.031+/-1.371 χ^2/NDF : 128.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.968+/-0.921 χ^2/NDF : 901.8/9

- 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 χ^2/NDF : 519.6/16

Left Out: 6.755 ± 0.865 χ^2/NDF : 143.8/5

Right Out: 19.604 ± 0.898 χ^2/NDF : 242.0/18

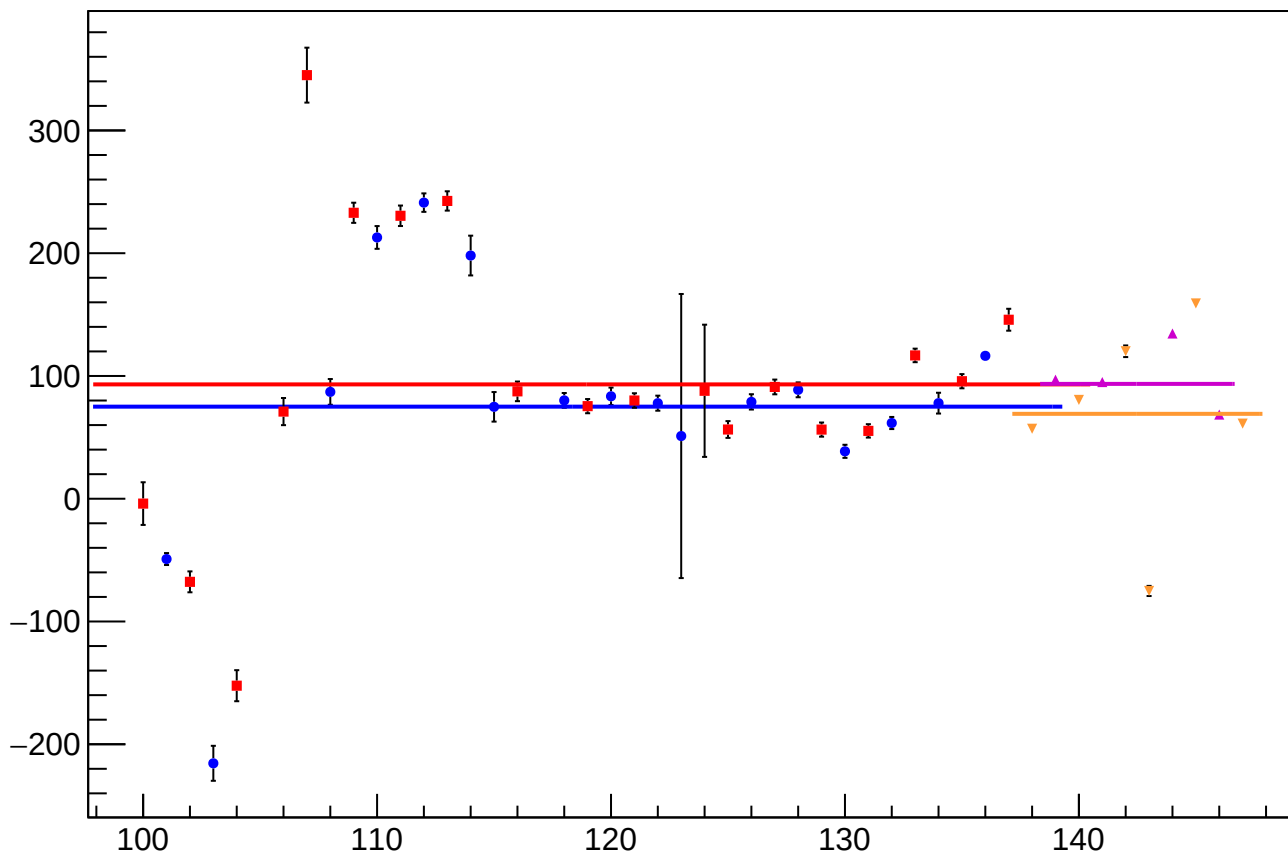
Left In: 4.283 ± 1.038 χ^2/NDF : 36.6/3

+ sign 11.734 ± 0.605 χ^2/NDF : 728.3/22

All: 12.314 ± 0.452 χ^2/NDF : 1133.6/45

- sign 13.044 ± 0.679 χ^2/NDF : 403.1/22

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.009 $\pm$ 1.636 χ^2 /NDF: 1999.3/16

Left Out: 69.158 $\pm$ 1.285 χ^2 /NDF: 2074.9/5

Right Out: 93.140 $\pm$ 1.711 χ^2 /NDF: 2002.3/18

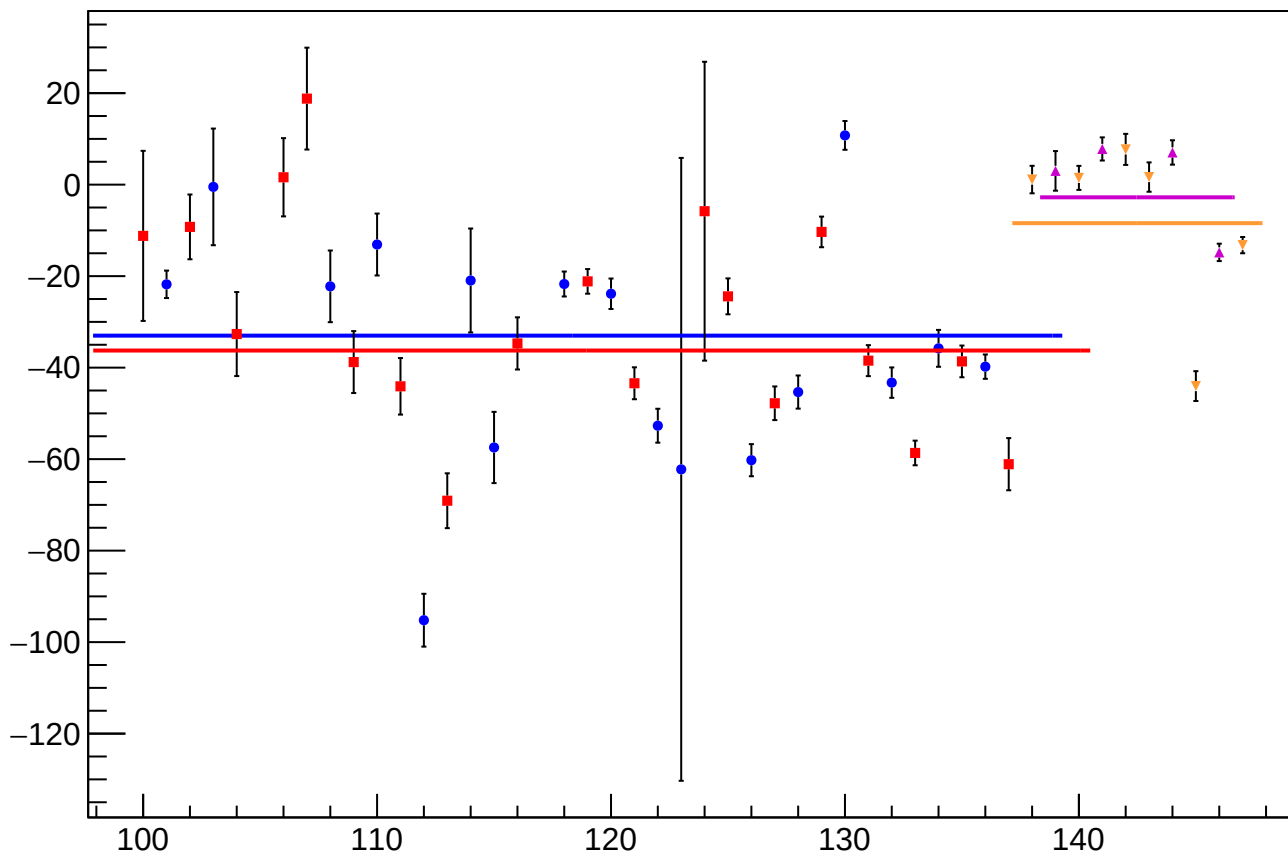
Left In: 93.546 $\pm$ 1.418 χ^2 /NDF: 256.0/3

+ sign 71.391 $\pm$ 1.011 χ^2 /NDF: 4082.1/22

All: 81.538 $\pm$ 0.742 χ^2 /NDF: 6558.9/45

- sign 93.381 $\pm$ 1.092 χ^2 /NDF: 2258.4/22

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.005 ± 0.972 χ^2/NDF : 493.1/16

Left Out: -8.420 ± 1.085 χ^2/NDF : 183.3/5

Right Out: -36.260 ± 1.025 χ^2/NDF : 297.1/18

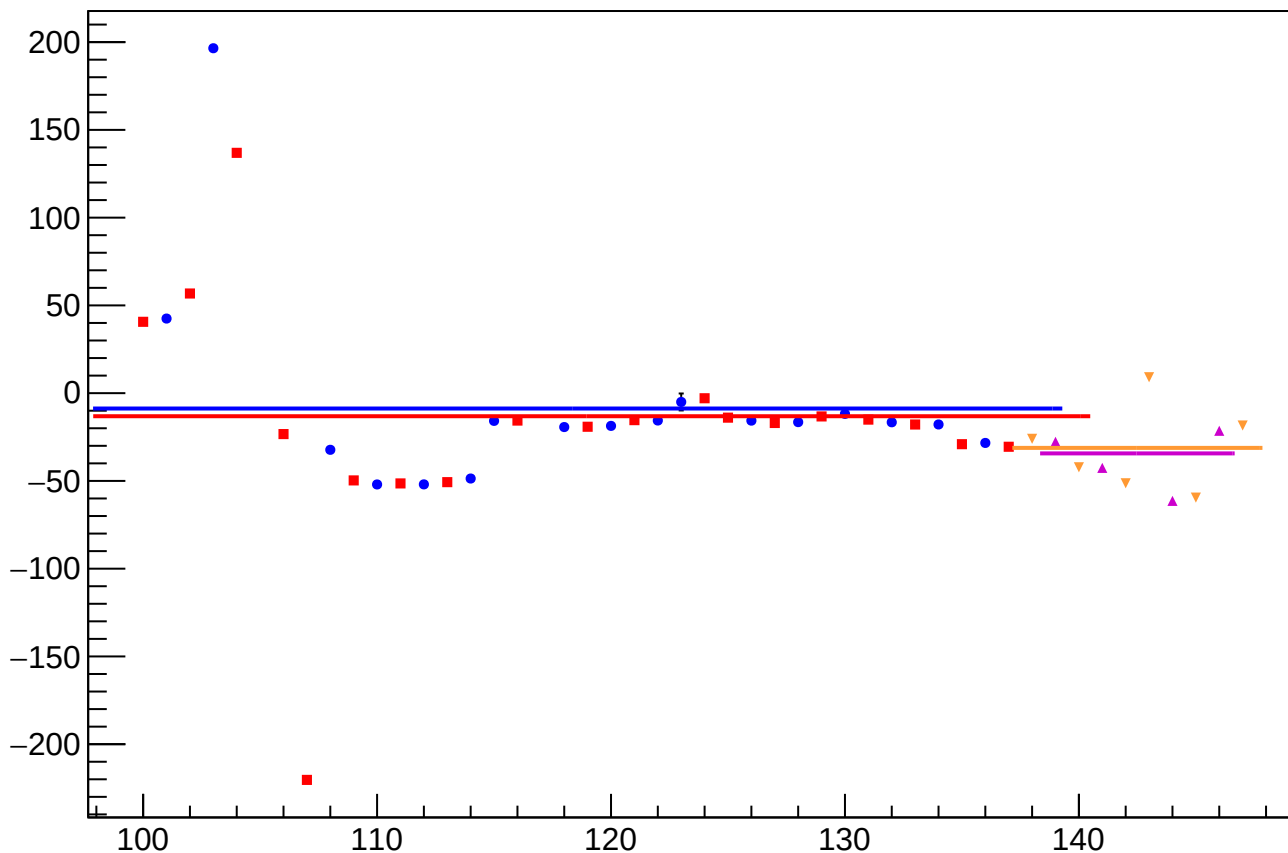
Left In: -2.769 ± 1.262 χ^2/NDF : 73.0/3

+ sign -22.058 ± 0.724 χ^2/NDF : 961.3/22

All: -22.457 ± 0.535 χ^2/NDF : 1756.5/45

- sign -22.939 ± 0.796 χ^2/NDF : 794.5/22

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.751 ± 0.059 $\chi^2/\text{NDF}: 576012.4/16$

Left Out: -31.178 ± 0.054 $\chi^2/\text{NDF}: 136558.0/5$

Right Out: -13.143 ± 0.062 $\chi^2/\text{NDF}: 558628.0/18$

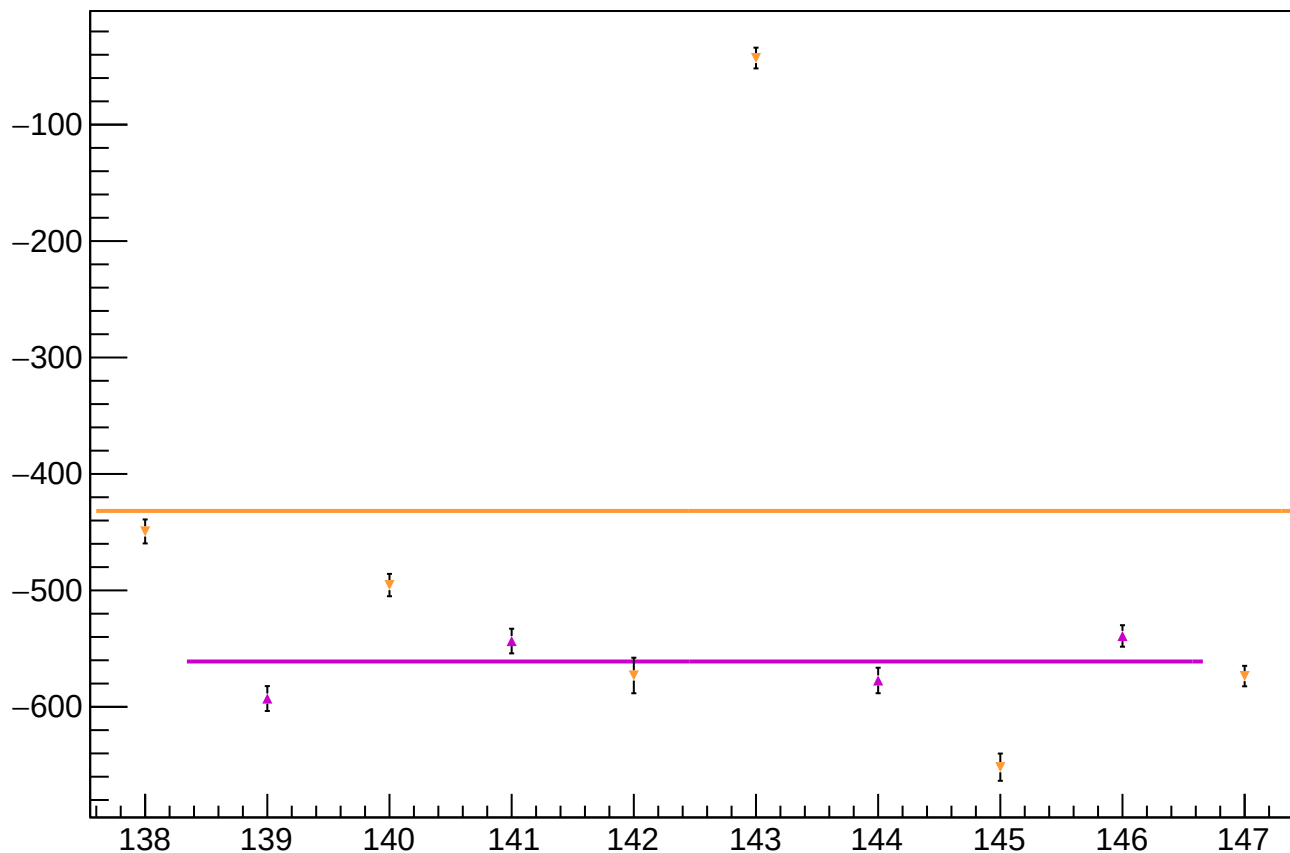
Left In: -34.320 ± 0.058 $\chi^2/\text{NDF}: 55910.5/3$

+ sign -20.962 ± 0.040 $\chi^2/\text{NDF}: 791759.2/22$

All: -22.587 ± 0.029 $\chi^2/\text{NDF}: 1472559.0/45$

- sign -24.424 ± 0.042 $\chi^2/\text{NDF}: 677229.0/22$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -431.741+/-4.171 χ^2/NDF : 2657.4/5

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

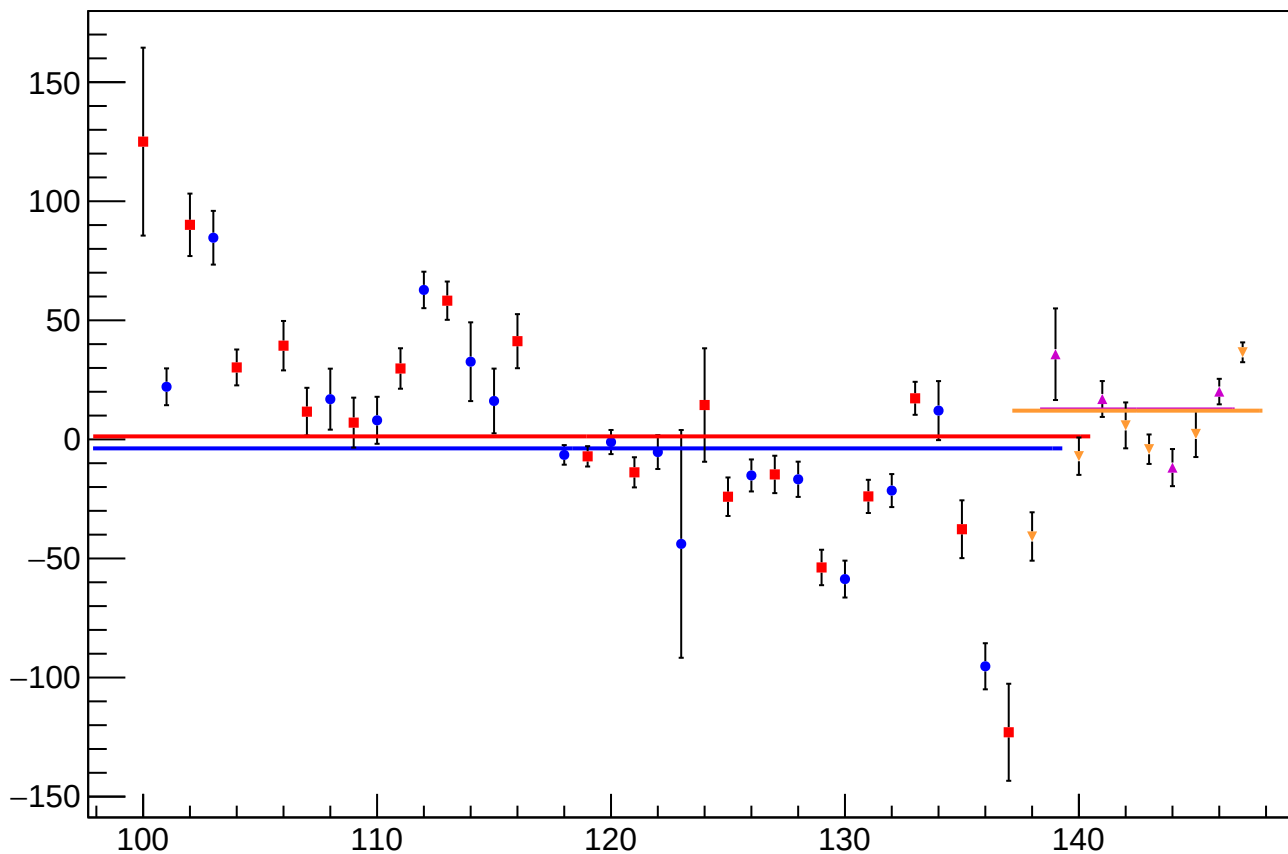
Left In: -561.059+/-5.143 χ^2/NDF : 19.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -483.042+/-3.240 χ^2/NDF : 3058.3/9

- 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: 12.069 ± 2.761 χ^2/NDF : 75.9/5

Right Out: 1.265 ± 1.920 χ^2/NDF : 303.7/18

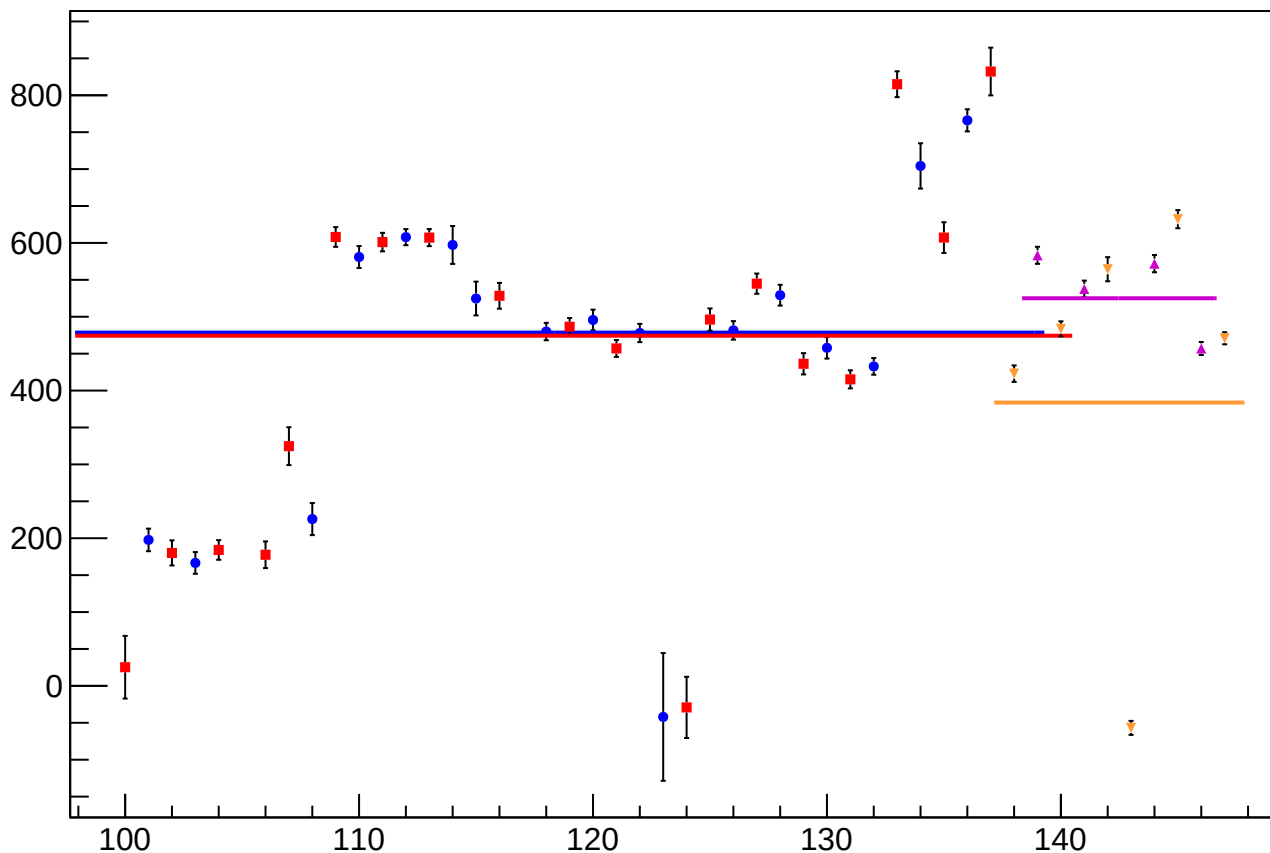
Left In: 12.571 ± 3.737 χ^2/NDF : 13.6/3

+ sign 1.275 ± 1.559 χ^2/NDF : 412.7/22

All: 2.344 ± 1.151 χ^2/NDF : 738.2/45

- sign 3.627 ± 1.708 χ^2/NDF : 324.5/22

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.526 $\pm$ 3.630 χ^2 /NDF: 1629.0/16

Left Out: 383.759 $\pm$ 4.307 χ^2 /NDF: 2902.2/5

Right Out: 474.328 $\pm$ 3.533 χ^2 /NDF: 2287.1/18

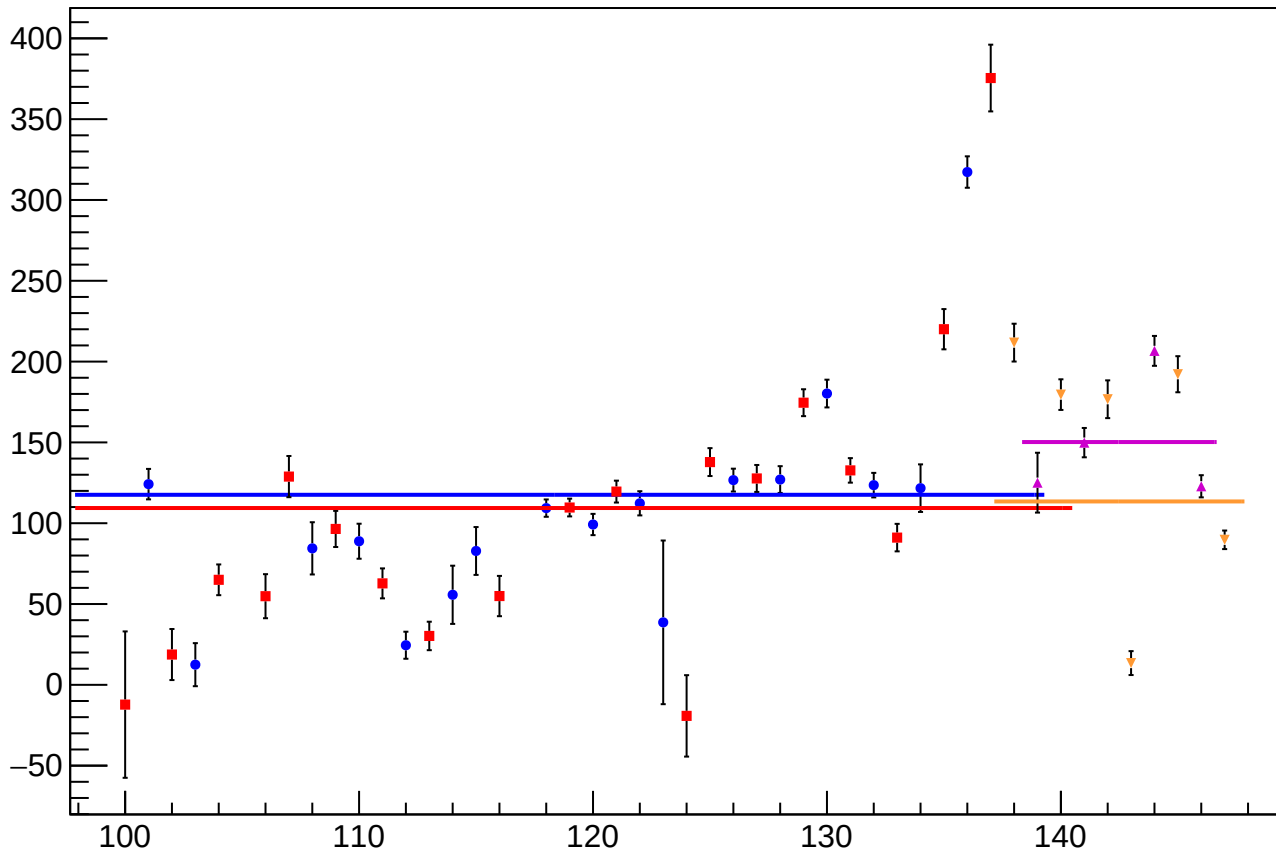
Left In: 525.049 $\pm$ 5.304 χ^2 /NDF: 102.2/3

+ sign 439.165 $\pm$ 2.776 χ^2 /NDF: 4814.3/22

All: 463.081 $\pm$ 2.018 χ^2 /NDF: 7424.5/45

- sign 489.916 $\pm$ 2.940 χ^2 /NDF: 2452.7/22

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 $\pm$ 2.193 χ^2 /NDF: 706.9/16

Left Out: 113.467 $\pm$ 3.483 χ^2 /NDF: 398.2/5

Right Out: 109.400 $\pm$ 2.210 χ^2 /NDF: 571.2/18

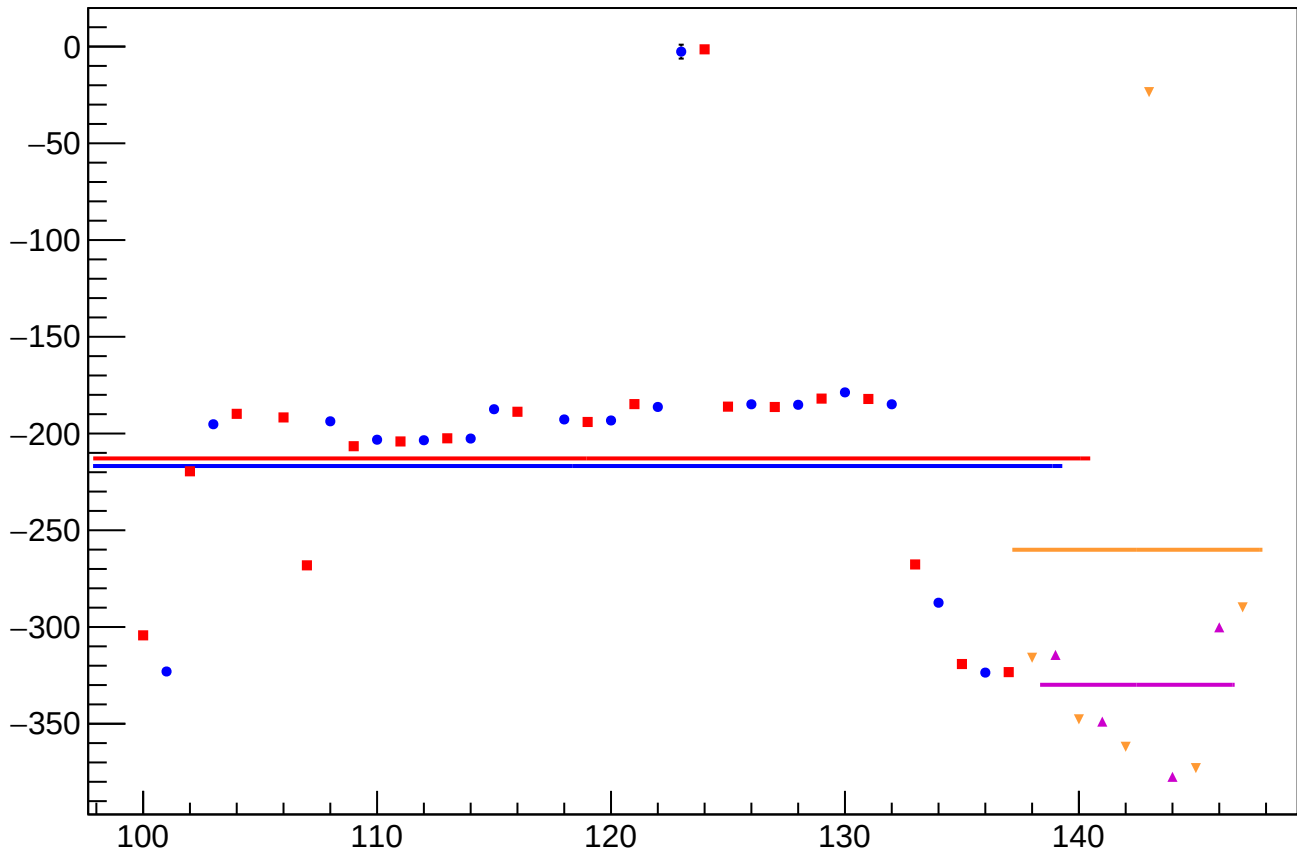
Left In: 150.224 $\pm$ 4.564 χ^2 /NDF: 55.0/3

+ sign 116.416 $\pm$ 1.856 χ^2 /NDF: 1106.1/22

All: 116.758 $\pm$ 1.357 χ^2 /NDF: 1797.1/45

- sign 117.151 $\pm$ 1.989 χ^2 /NDF: 691.0/22

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.796+/-0.136 χ^2/NDF : 146976.1/16

Left Out: -260.070+/-0.182 χ^2/NDF : 525468.0/5

Right Out: -212.869+/-0.130 χ^2/NDF : 116393.6/18

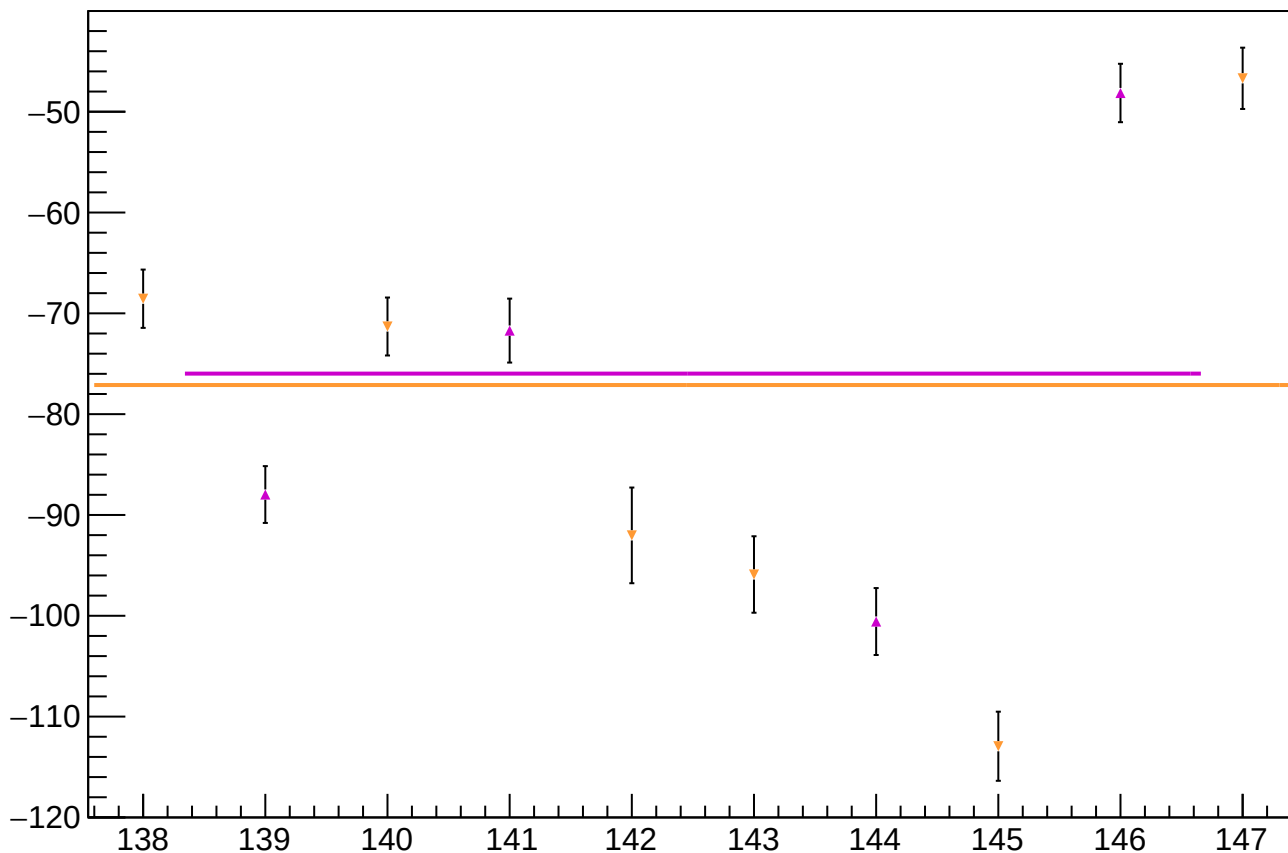
Left In: -329.861+/-0.220 χ^2/NDF : 17133.5/3

+ sign -232.278+/-0.109 χ^2/NDF : 708852.6/22

All: -237.597+/-0.078 χ^2/NDF : 1057087.1/45

- sign -243.242+/-0.112 χ^2/NDF : 343299.1/22

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -77.111+/-1.351 χ^2/NDF : 256.6/5

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

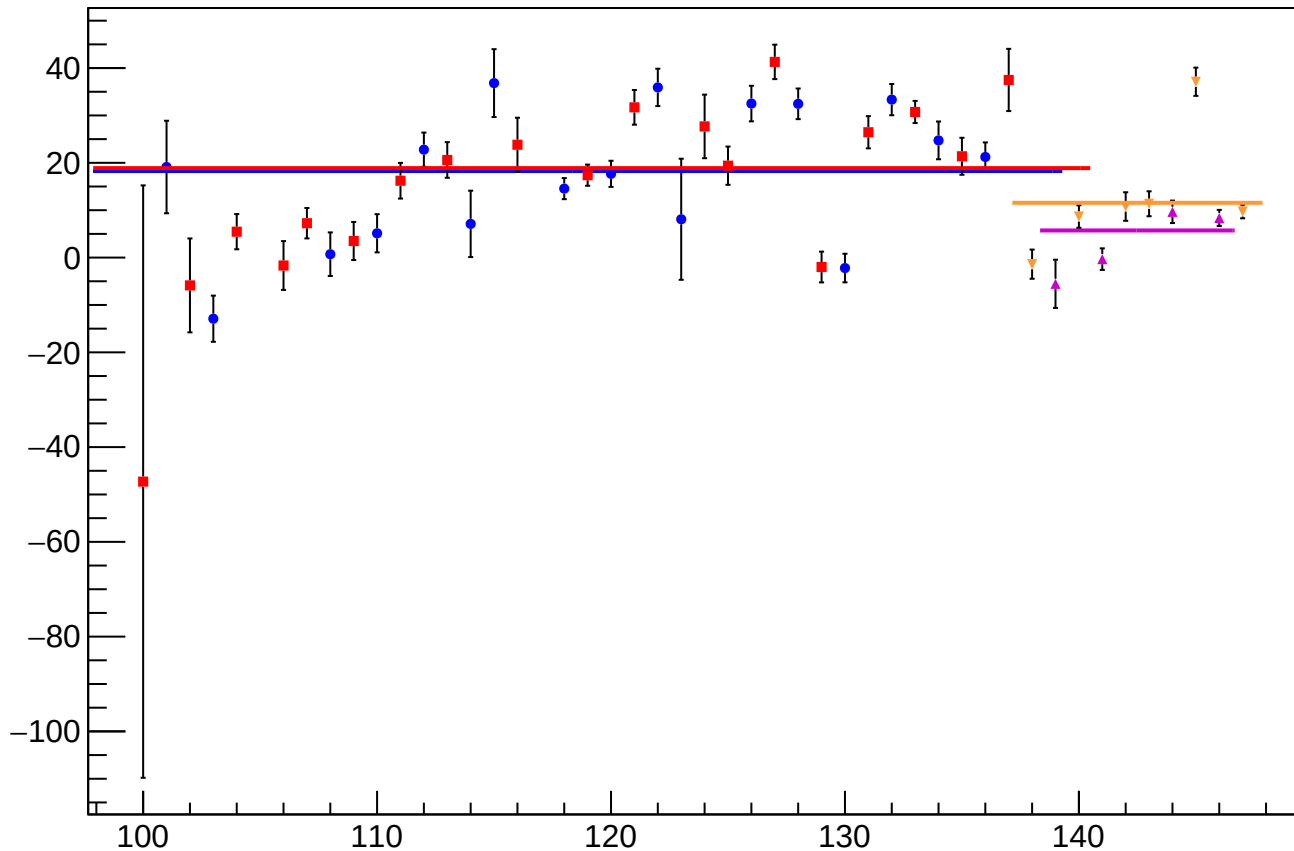
Left In: -75.978+/-1.516 χ^2/NDF : 167.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.610+/-1.009 χ^2/NDF : 424.1/9

- 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: 11.562 $\pm$ 0.941 χ^2 /NDF: 94.3/5

Right Out: 18.882 $\pm$ 0.864 χ^2 /NDF: 198.4/18

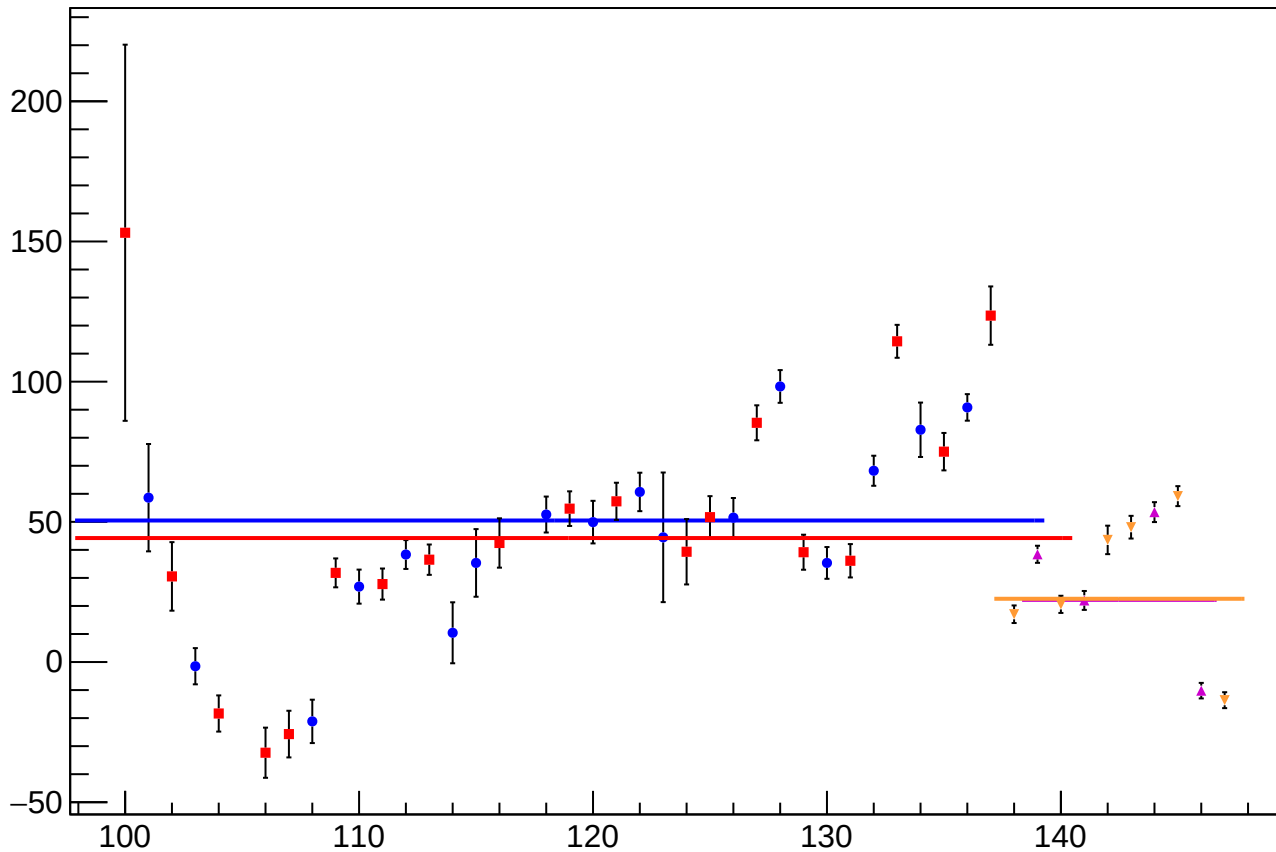
Left In: 5.727 $\pm$ 1.152 χ^2 /NDF: 17.1/3

+ sign 15.049 $\pm$ 0.652 χ^2 /NDF: 325.3/22

All: 14.623 $\pm$ 0.475 χ^2 /NDF: 625.2/45

- sign 14.145 $\pm$ 0.691 χ^2 /NDF: 299.0/22

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.482 $\pm$ 1.668 χ^2 /NDF: 357.9/16

Left Out: 22.564 $\pm$ 1.399 χ^2 /NDF:328.4/5

Right Out: 44.222 $\pm$ 1.602 χ^2 /NDF: 534.4/18

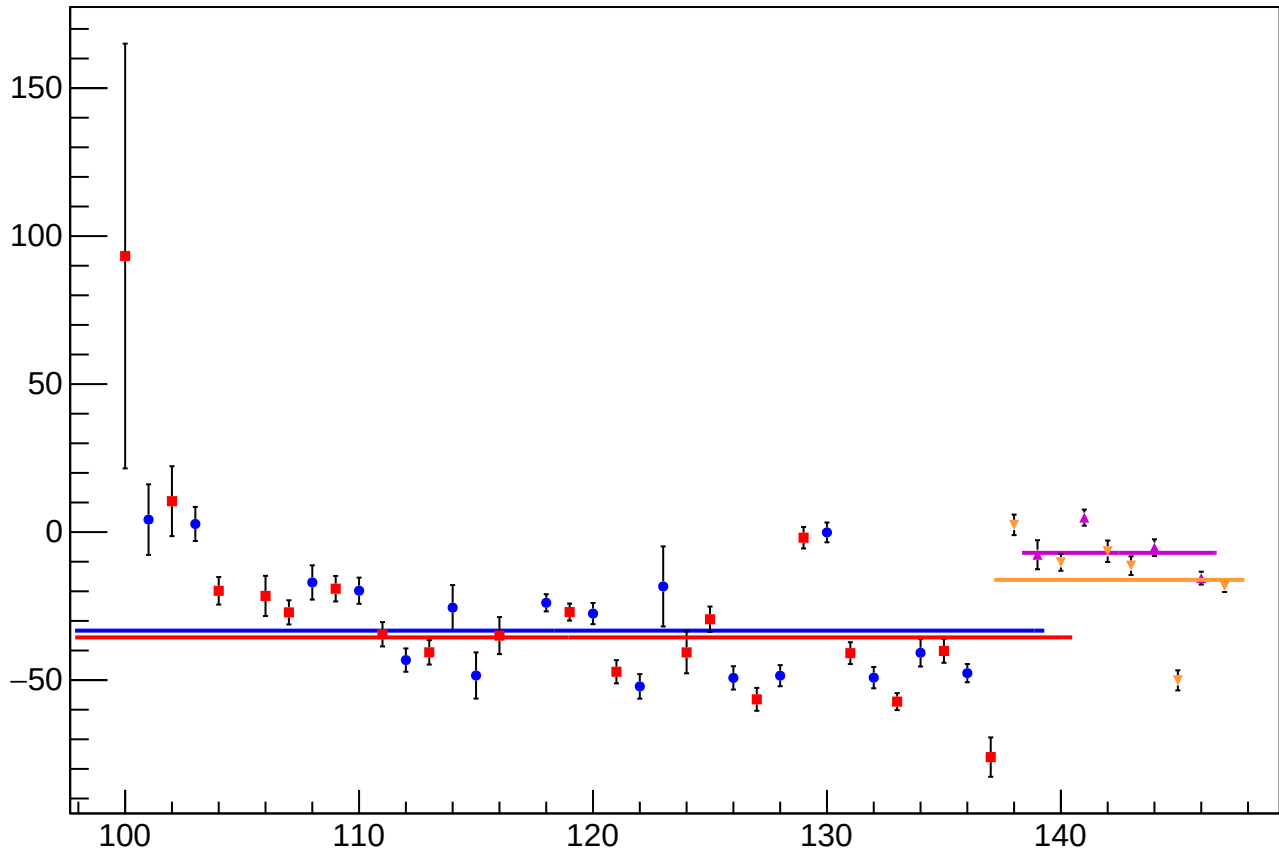
Left In: 22.171 $\pm$ 1.572 χ^2 /NDF:242.6/3

+ sign 34.092 $\pm$ 1.072 χ^2 /NDF: 850.7/22

All: 33.562 $\pm$ 0.775 χ^2 /NDF: 1724.7/45

- sign 32.982 $\pm$ 1.122 χ^2 /NDF: 873.5/22

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.292 ± 1.033 χ^2/NDF : 289.1/16

Left Out: -16.128 ± 1.177 χ^2/NDF : 143.4/5

Right Out: -35.566 ± 0.992 χ^2/NDF : 287.6/18

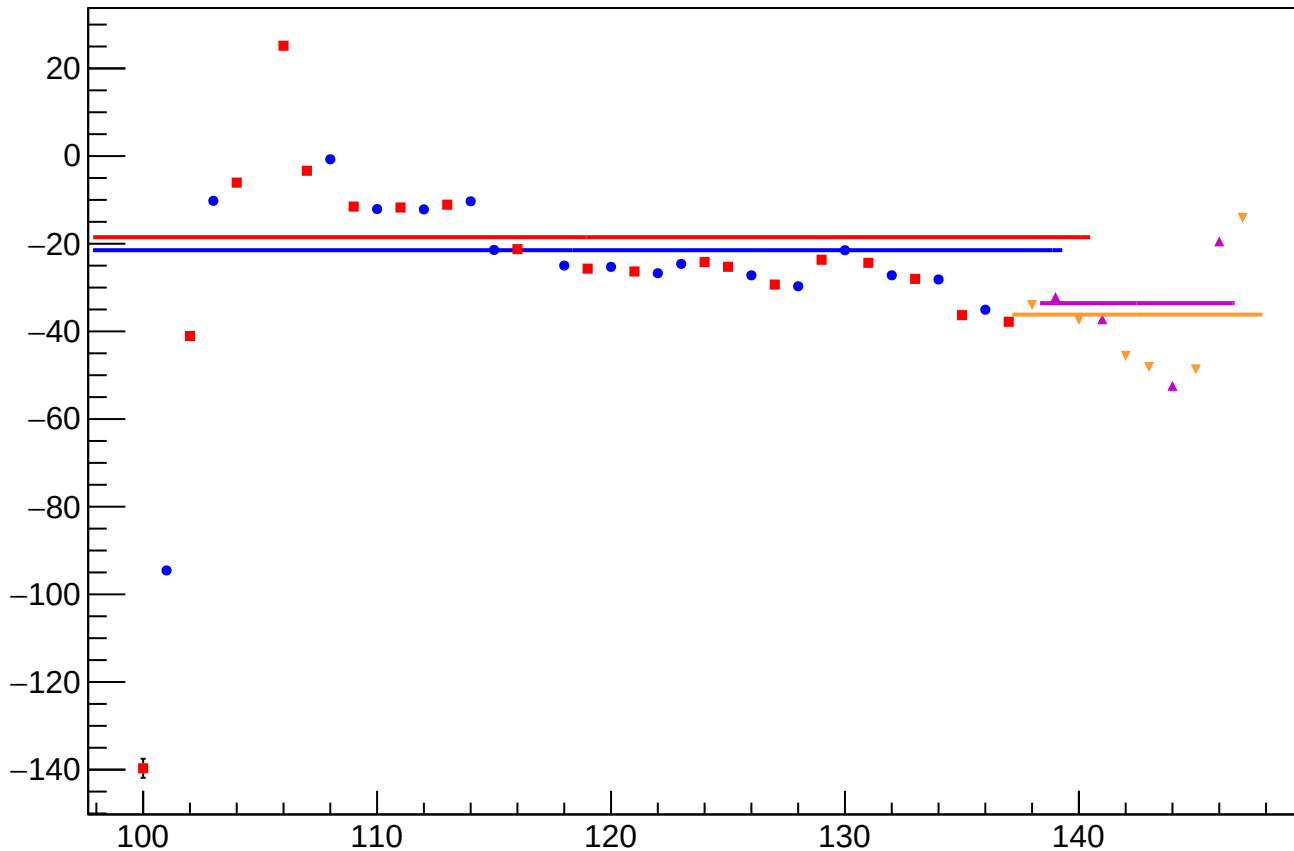
Left In: -7.002 ± 1.396 χ^2/NDF : 34.8/3

+ sign -25.822 ± 0.776 χ^2/NDF : 552.6/22

All: -25.895 ± 0.560 χ^2/NDF : 1153.2/45

- sign -25.973 ± 0.809 χ^2/NDF : 600.6/22

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.476 ± 0.059 $\chi^2/\text{NDF}: 49009.8/16$

Left Out: -36.167 ± 0.059 $\chi^2/\text{NDF}: 43266.7/5$

Right Out: -18.506 ± 0.057 $\chi^2/\text{NDF}: 80734.5/18$

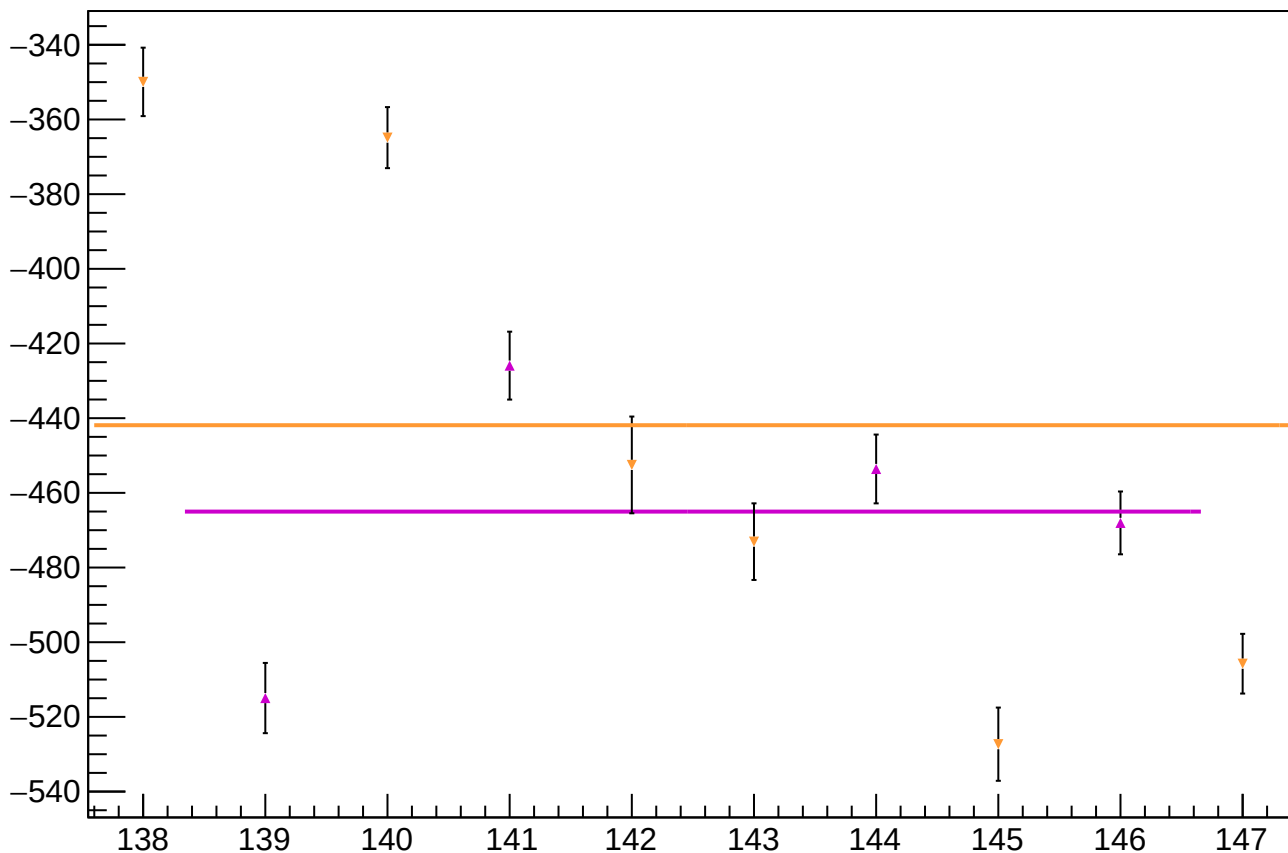
Left In: -33.551 ± 0.064 $\chi^2/\text{NDF}: 27778.8/3$

+ sign -28.844 ± 0.041 $\chi^2/\text{NDF}: 123712.2/22$

All: -27.074 ± 0.030 $\chi^2/\text{NDF}: 266570.1/45$

- sign -25.190 ± 0.043 $\chi^2/\text{NDF}: 139090.1/22$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -441.882+/-3.825 χ^2/NDF : 339.0/5

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

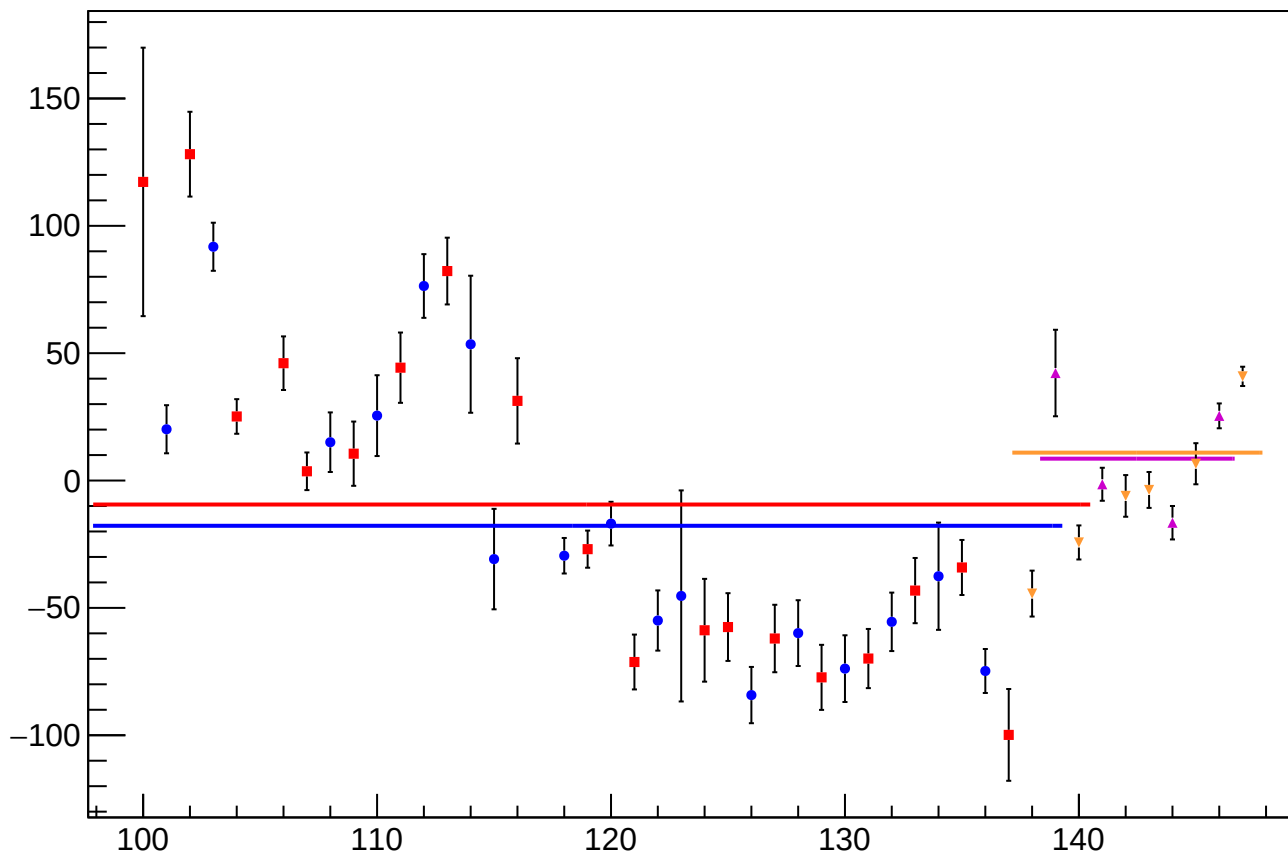
Left In: -465.018+/-4.504 χ^2/NDF : 48.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -451.576+/-2.915 χ^2/NDF : 402.7/9

- sign 0.000+/-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: 10.959 ± 2.542 χ^2/NDF : 136.9/5

Right Out: -9.417 ± 2.613 χ^2/NDF : 369.6/18

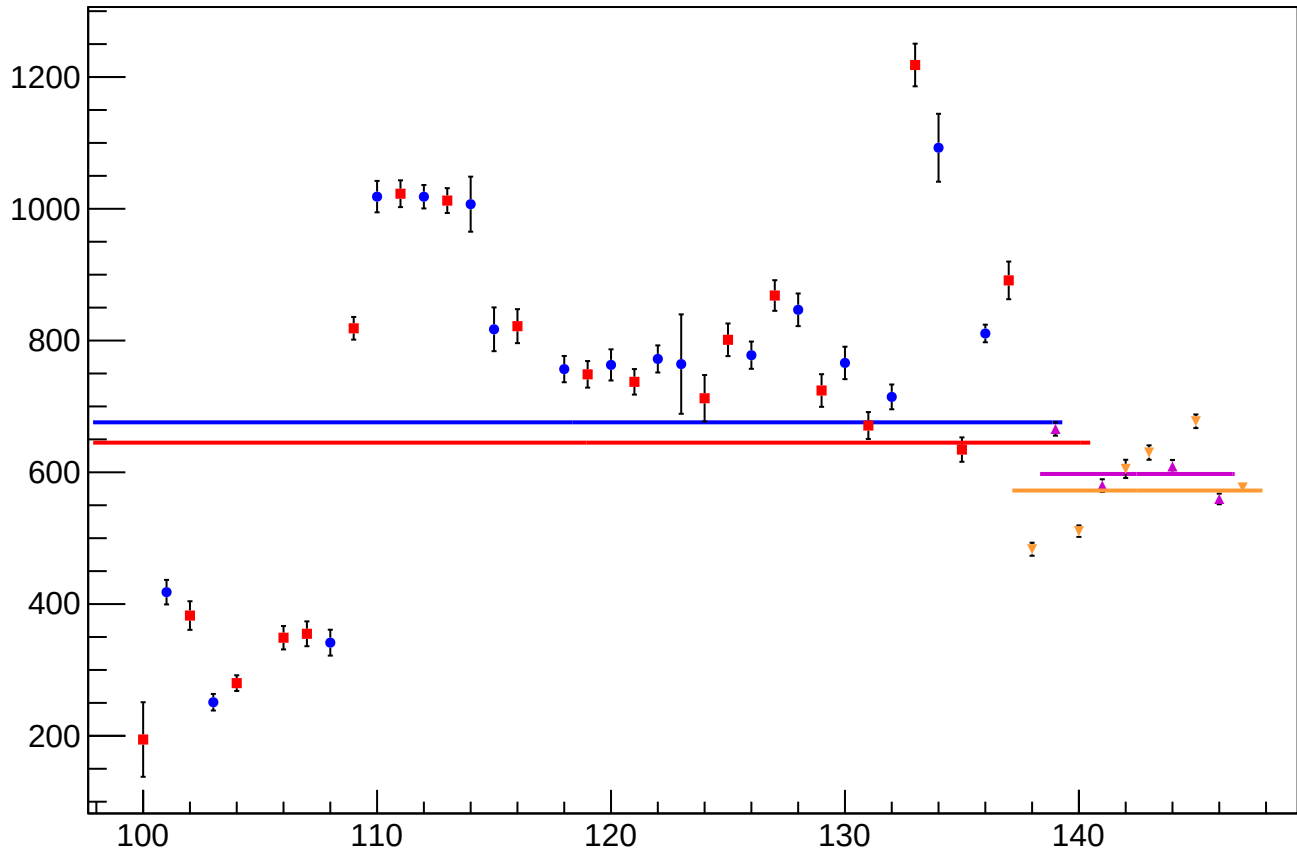
Left In: 8.589 ± 3.288 χ^2/NDF : 32.9/3

+ sign -2.112 ± 1.876 χ^2/NDF : 558.9/22

All: -2.265 ± 1.383 χ^2/NDF : 979.7/45

- sign -2.447 ± 2.046 χ^2/NDF : 420.8/22

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.871 ± 5.037 χ^2/NDF : 2586.4/16

Left Out: 572.354 ± 3.948 χ^2/NDF : 267.7/5

Right Out: 645.014 ± 4.761 χ^2/NDF : 3123.3/18

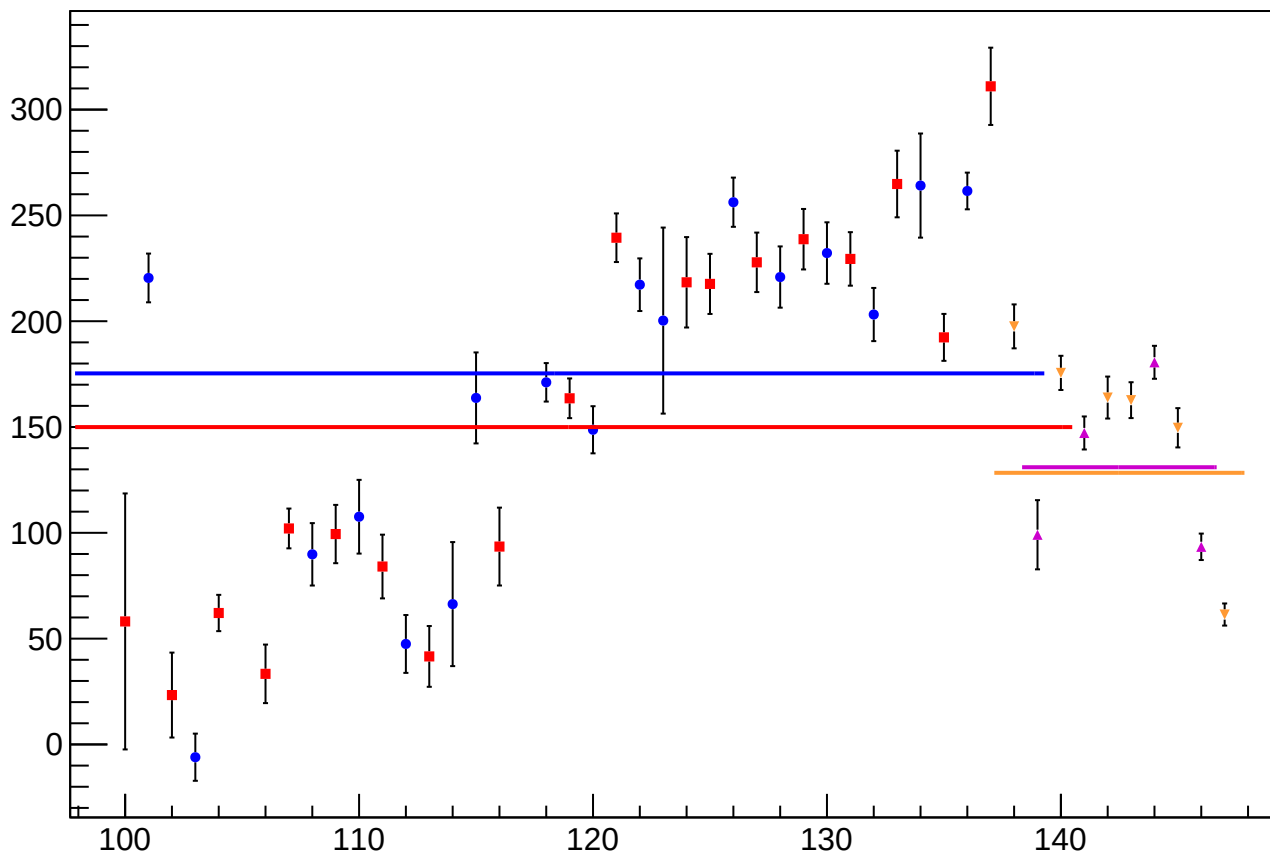
Left In: 597.484 ± 4.656 χ^2/NDF : 72.0/3

+ sign 611.748 ± 3.107 χ^2/NDF : 3115.7/22

All: 615.926 ± 2.272 χ^2/NDF : 6365.8/45

- sign 620.722 ± 3.329 χ^2/NDF : 3246.2/22

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 ± 3.203 $\chi^2/\text{NDF}: 638.5/16$

Left Out: 128.358 ± 3.212 $\chi^2/\text{NDF}: 277.4/5$

Right Out: 149.966 ± 3.045 $\chi^2/\text{NDF}: 693.2/18$

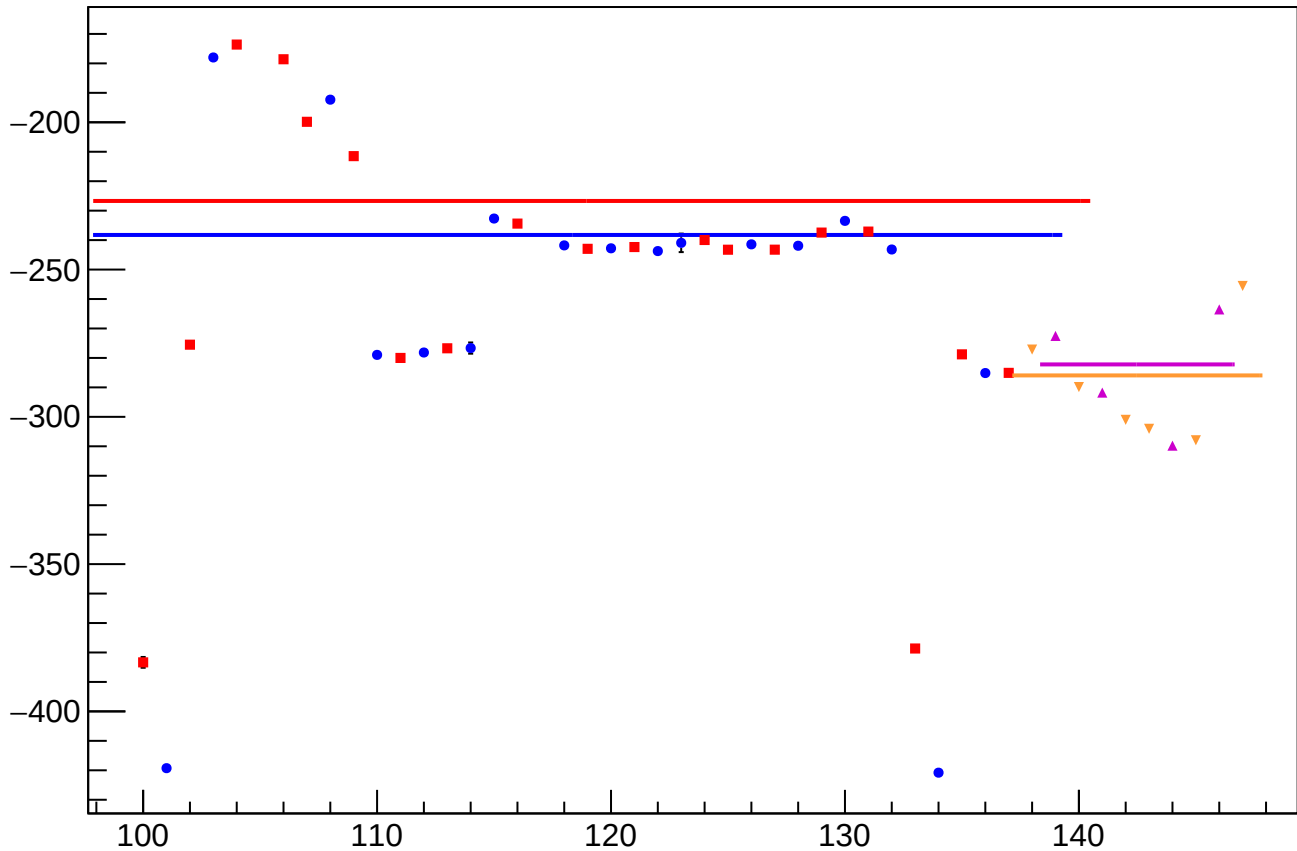
Left In: 130.998 ± 4.008 $\chi^2/\text{NDF}: 84.9/3$

+ sign 151.918 ± 2.268 $\chi^2/\text{NDF}: 1023.1/22$

All: 147.767 ± 1.656 $\chi^2/\text{NDF}: 1822.5/45$

- sign 143.024 ± 2.425 $\chi^2/\text{NDF}: 792.2/22$

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248 ± 0.160 $\chi^2/\text{NDF}: 167125.9/16$

Left Out: -285.935 ± 0.167 $\chi^2/\text{NDF}: 13397.3/5$

Right Out: -226.706 ± 0.151 $\chi^2/\text{NDF}: 102831.3/18$

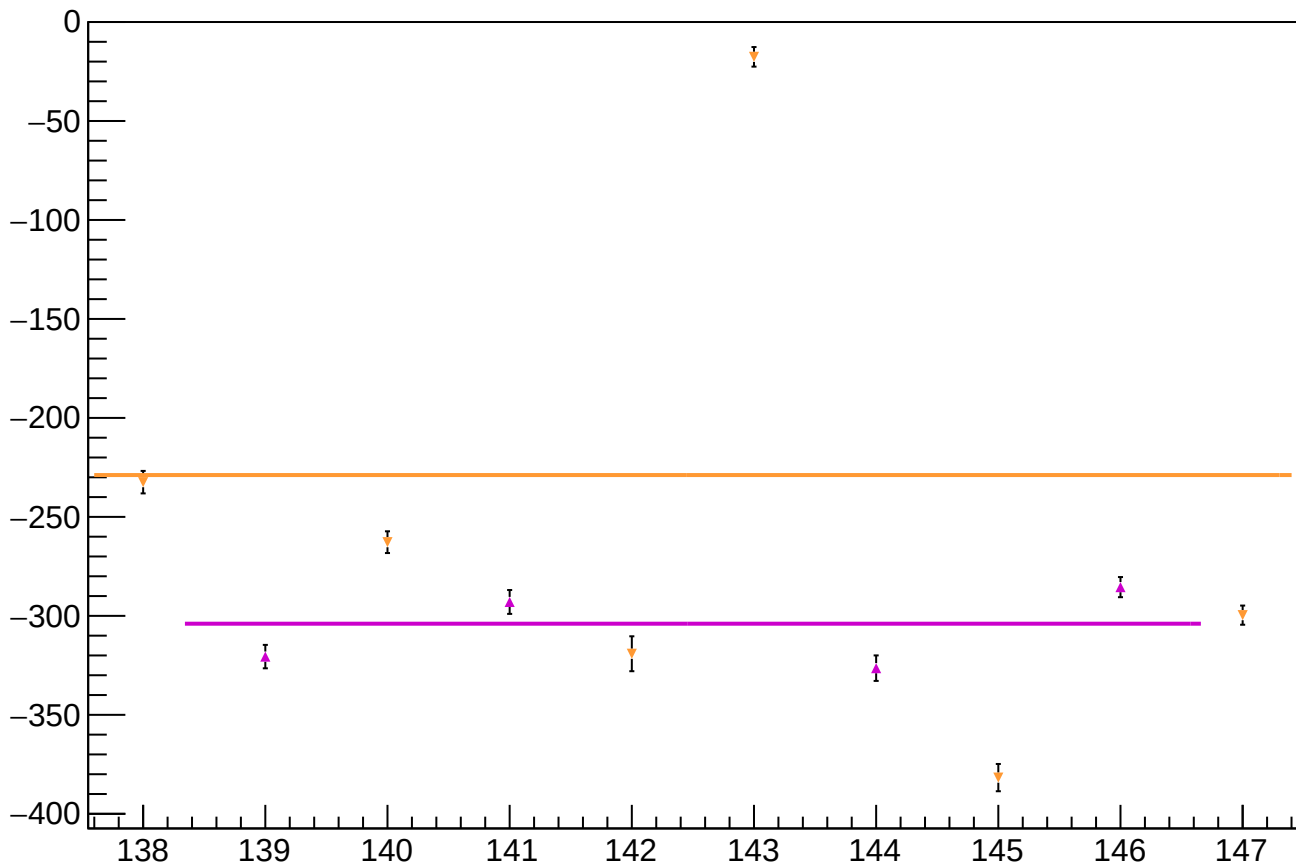
Left In: -282.202 ± 0.193 $\chi^2/\text{NDF}: 7963.3/3$

+ sign -261.028 ± 0.116 $\chi^2/\text{NDF}: 222997.8/22$

All: -254.618 ± 0.083 $\chi^2/\text{NDF}: 391477.5/45$

- sign -247.833 ± 0.119 $\chi^2/\text{NDF}: 162148.1/22$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -228.865+/-2.347 χ^2/NDF : 2673.4/5

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

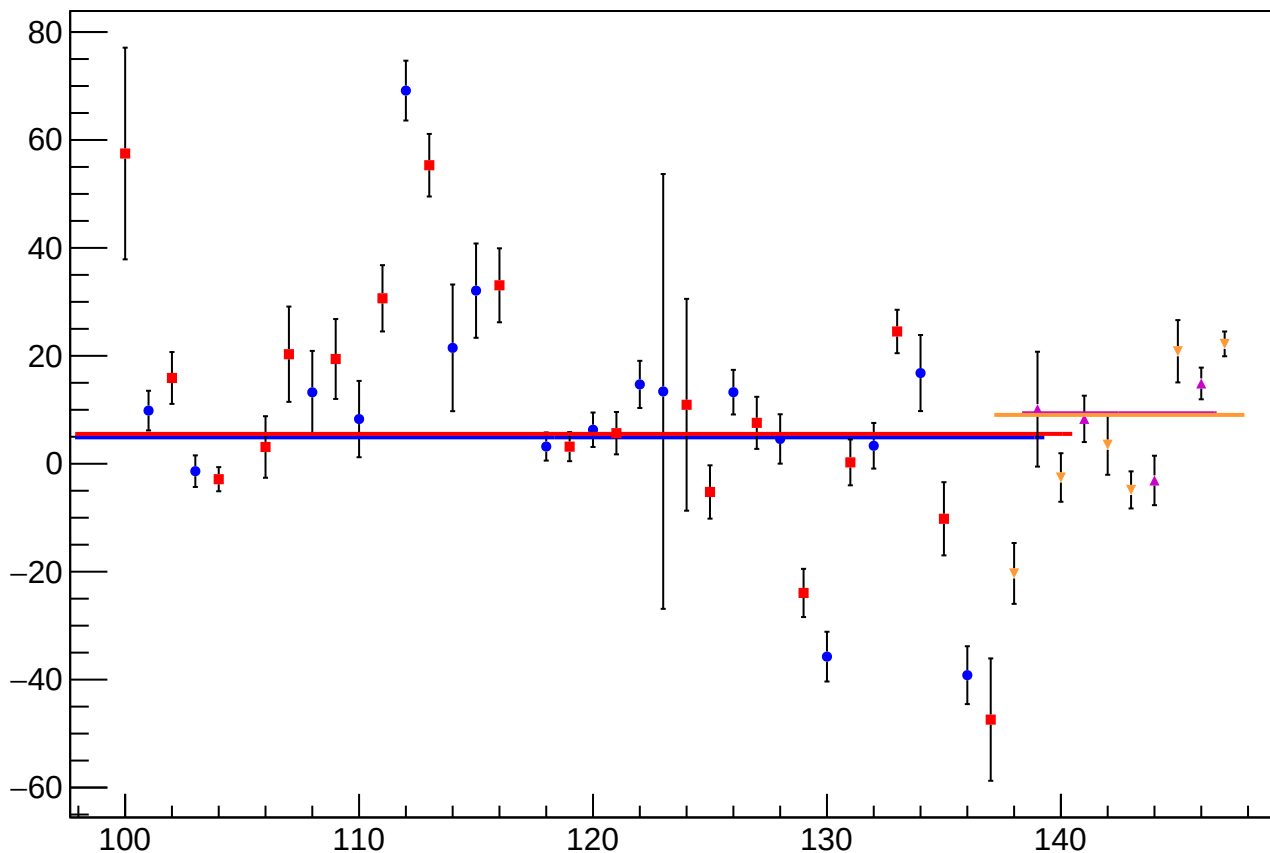
Left In: -303.961+/-2.901 χ^2/NDF : 36.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.573+/-1.825 χ^2/NDF : 3115.0/9

- 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: 9.056 ± 1.548 χ^2/NDF : 88.1/5

Right Out: 5.534 ± 1.071 χ^2/NDF : 239.1/18

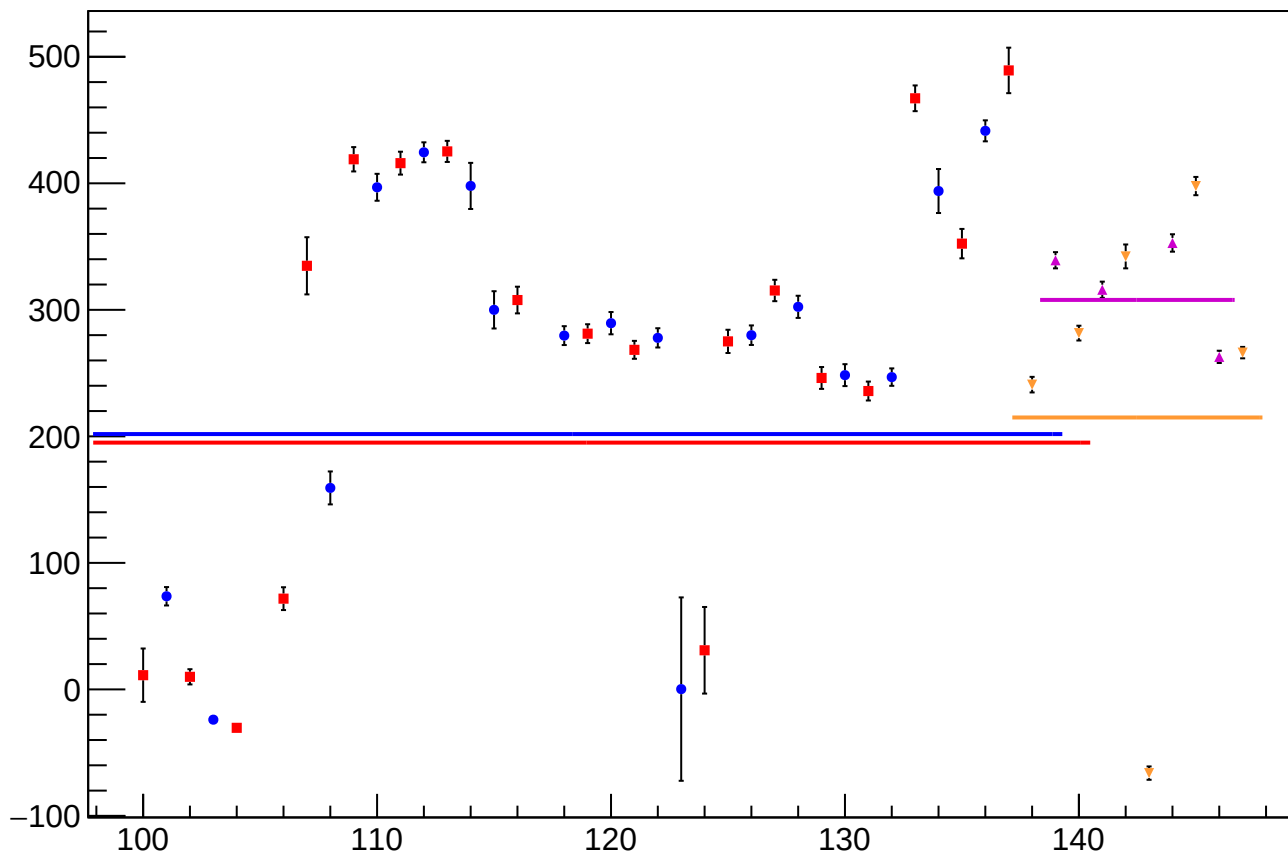
Left In: 9.350 ± 2.100 χ^2/NDF : 11.0/3

+ sign 6.274 ± 0.891 χ^2/NDF : 404.9/22

All: 6.296 ± 0.651 χ^2/NDF : 657.7/45

- sign 6.322 ± 0.954 χ^2/NDF : 252.7/22

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 201.807 $\pm$ 1.970 χ^2 /NDF: 6754.2/16

Left Out: 214.919 $\pm$ 2.420 χ^2 /NDF:3933.4/5

Right Out: 195.053 $\pm$ 1.924 χ^2 /NDF: 8257.1/18

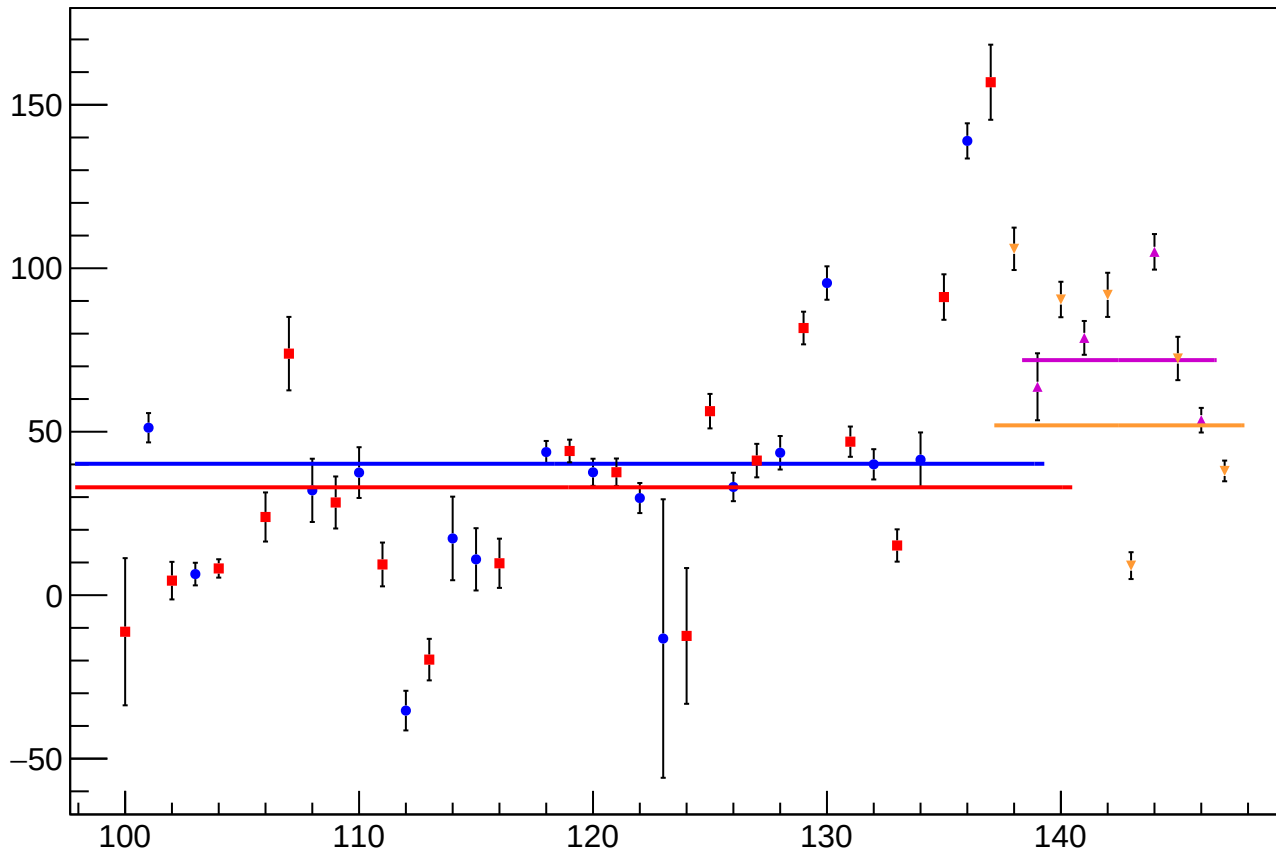
Left In: 307.840 $\pm$ 2.986 χ^2 /NDF:154.1/3

+ sign 207.035 $\pm$ 1.528 χ^2 /NDF: 10705.3/22

All: 216.992 $\pm$ 1.111 χ^2 /NDF: 20214.6/45

- sign 228.152 $\pm$ 1.618 χ^2 /NDF: 9419.2/22

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 ± 1.268 $\chi^2/\text{NDF}: 735.0/16$

Left Out: 51.948 ± 1.955 $\chi^2/\text{NDF}: 292.7/5$

Right Out: 32.999 ± 1.253 $\chi^2/\text{NDF}: 554.1/18$

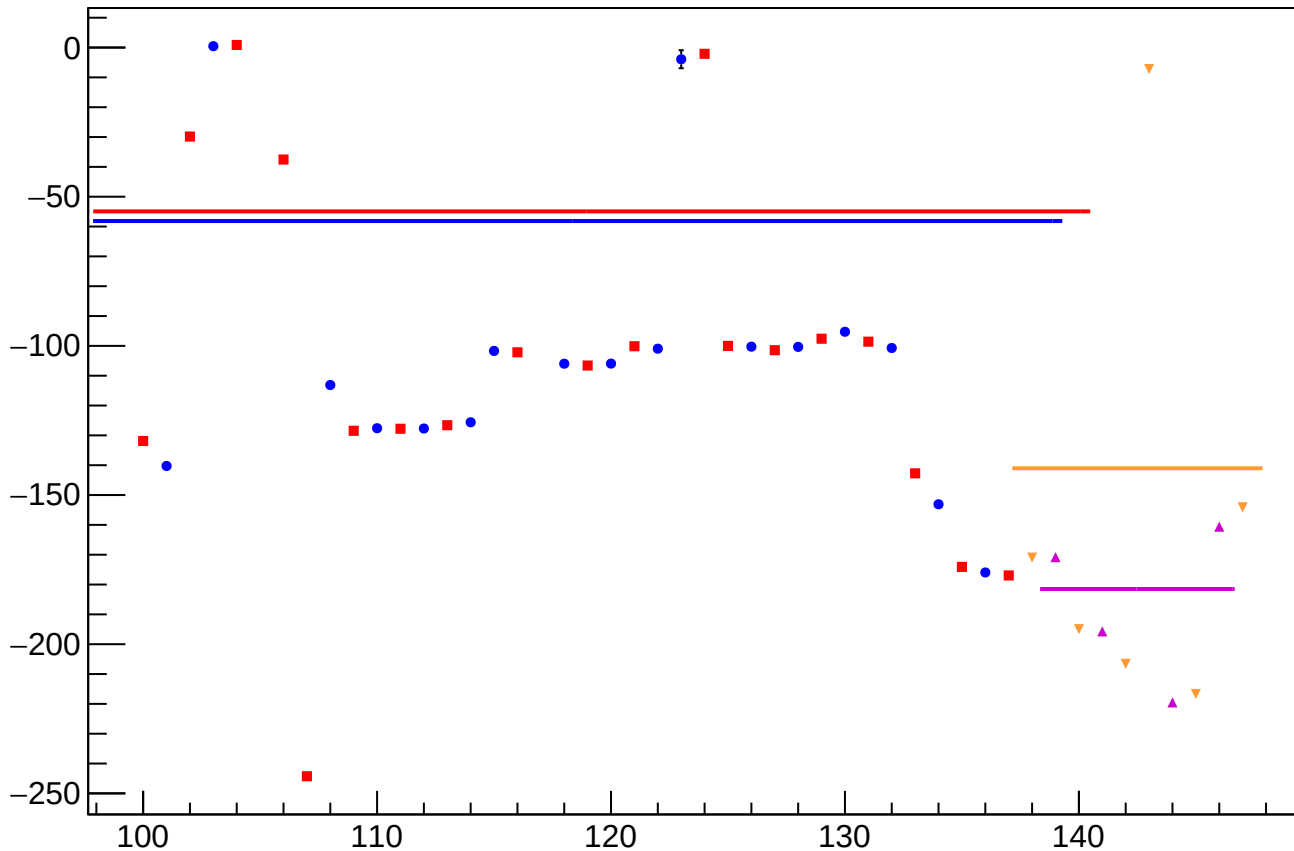
Left In: 71.901 ± 2.571 $\chi^2/\text{NDF}: 63.3/3$

+ sign 43.673 ± 1.064 $\chi^2/\text{NDF}: 1053.0/22$

All: 42.158 ± 0.773 $\chi^2/\text{NDF}: 1859.7/45$

- sign 40.460 ± 1.126 $\chi^2/\text{NDF}: 802.4/22$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155+/-0.062 χ^2/NDF : 1105509.3/16

Left Out: -141.027+/-0.102 χ^2/NDF : 564956.4/5

Right Out: -54.914+/-0.060 χ^2/NDF : 1003885.5/18

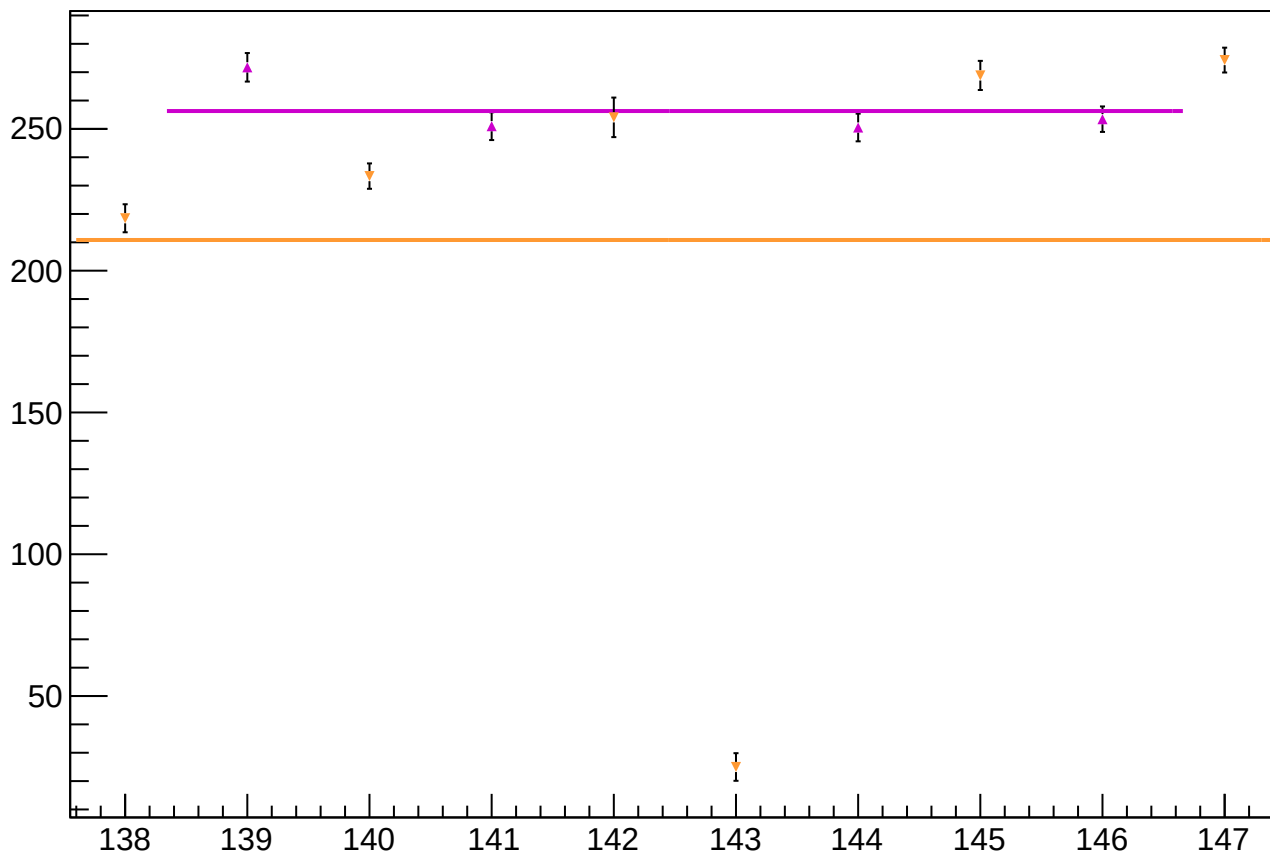
Left In: -181.496+/-0.124 χ^2/NDF : 29831.3/3

+ sign -80.229+/-0.053 χ^2/NDF : 2152965.6/22

All: -79.726+/-0.038 χ^2/NDF : 4034423.4/45

- sign -79.196+/-0.054 χ^2/NDF : 1881271.1/22

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 210.823+/-2.026 χ^2/NDF : 1860.0/5

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

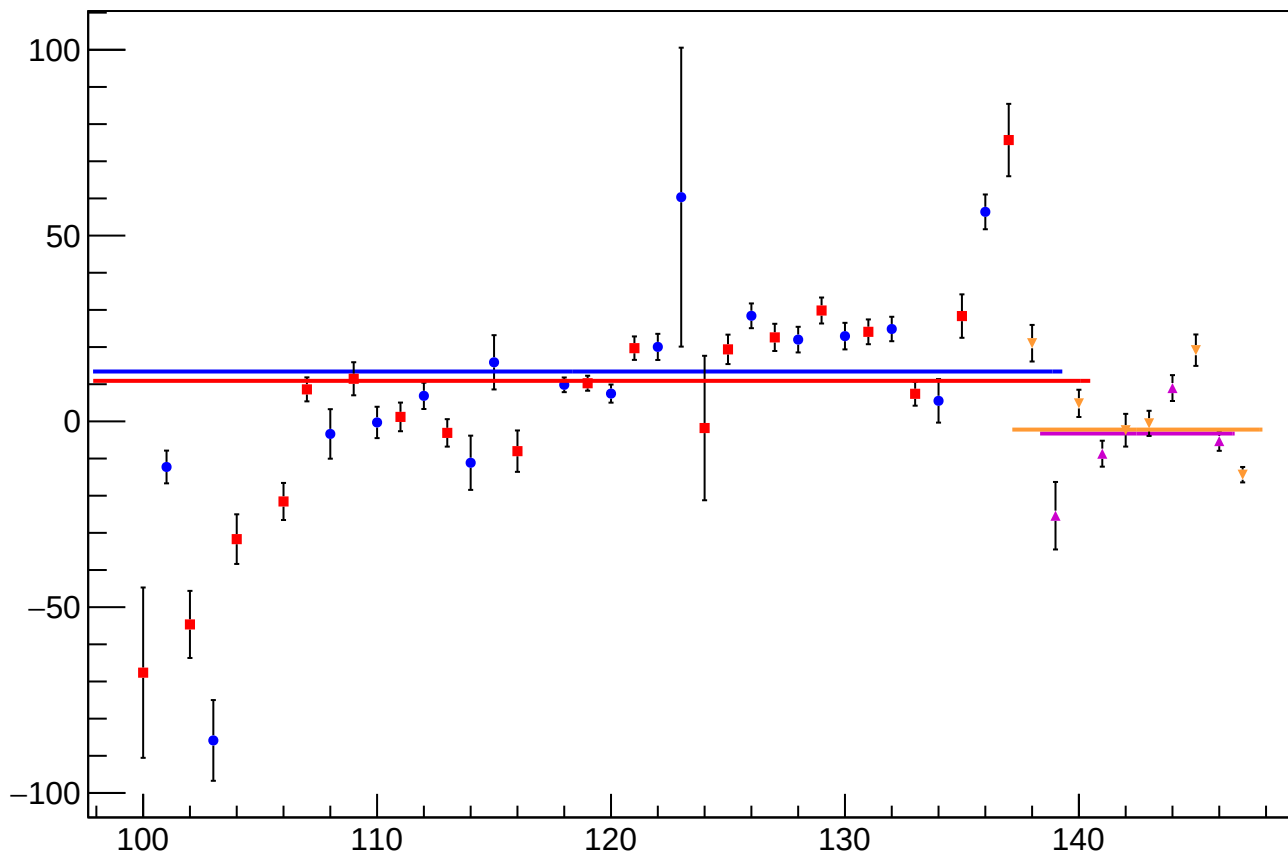
Left In: 256.299+/-2.407 χ^2/NDF : 12.4/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.687+/-1.550 χ^2/NDF : 2081.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.423+/-0.920 χ^2/NDF : 295.2/16

Left Out: -2.208+/-1.358 χ^2/NDF : 85.9/5

Right Out: 10.908+/-0.916 χ^2/NDF : 302.6/18

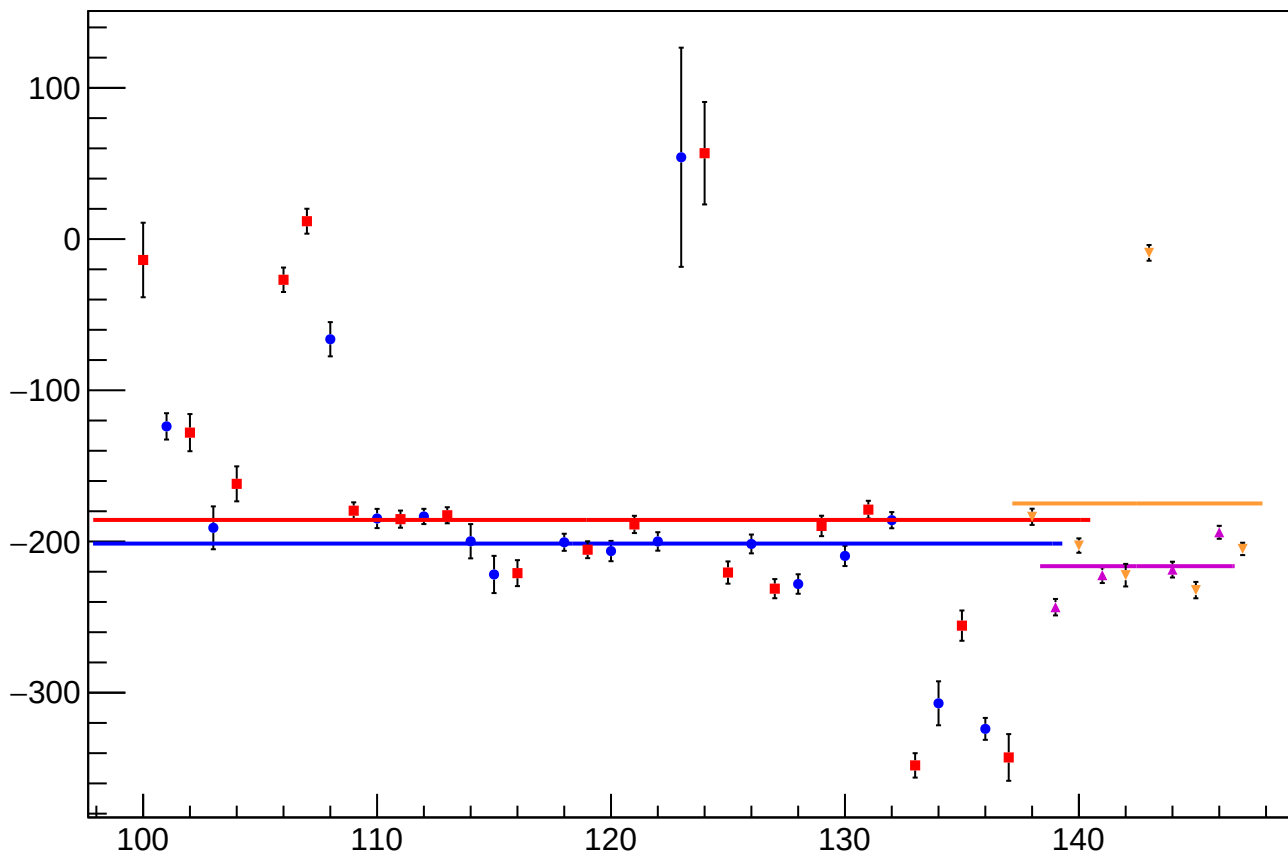
Left In: -3.265+/-1.762 χ^2/NDF : 21.3/3

+ sign 8.509+/-0.761 χ^2/NDF : 472.0/22

All: 8.221+/-0.556 χ^2/NDF : 847.1/45

- sign 7.893+/-0.813 χ^2/NDF : 374.8/22

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.384 ± 1.779 χ^2/NDF : 623.5/16

Left Out: -174.851 ± 2.096 χ^2/NDF : 1259.2/5

Right Out: -185.739 ± 1.700 χ^2/NDF : 1749.3/18

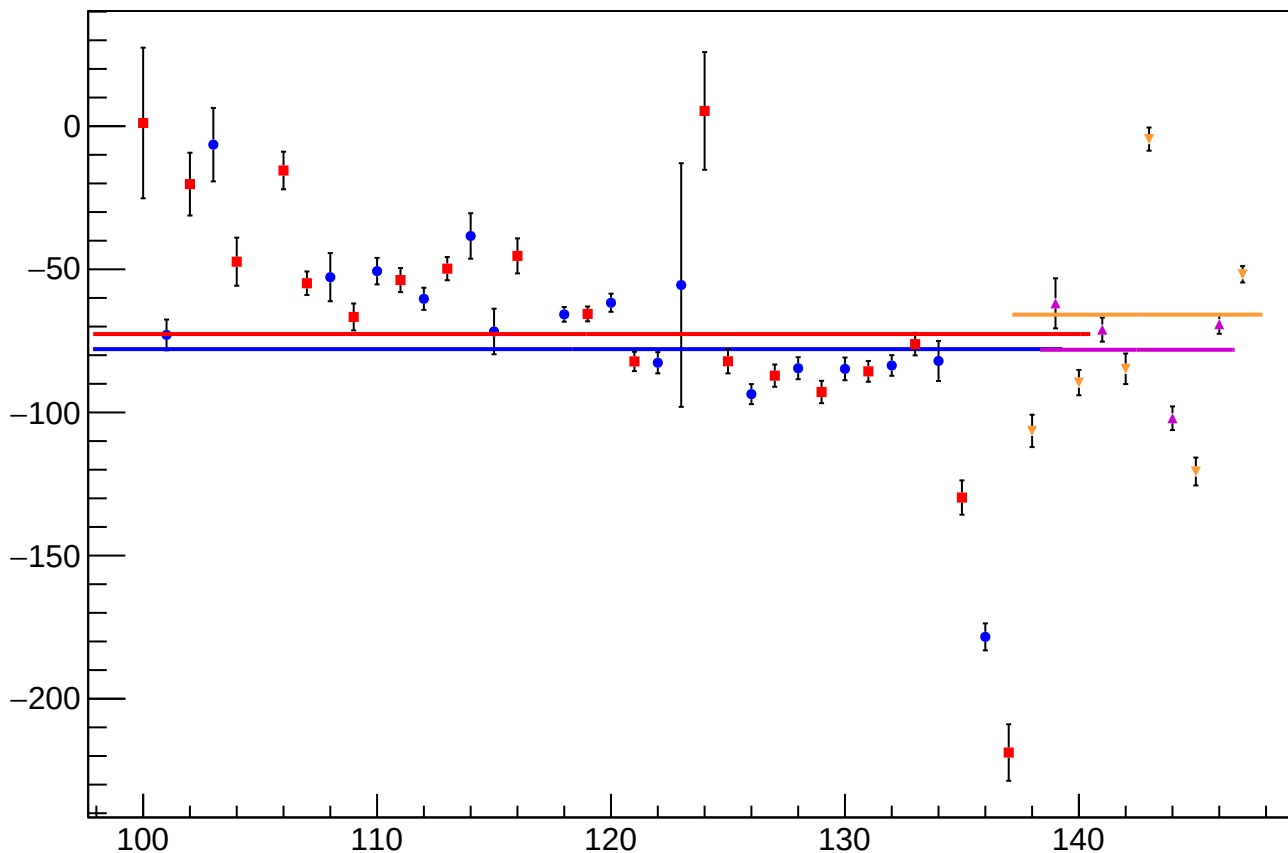
Left In: -216.332 ± 2.489 χ^2/NDF : 53.5/3

+ sign -190.272 ± 1.357 χ^2/NDF : 1975.8/22

All: -192.783 ± 0.976 χ^2/NDF : 3888.7/45

- sign -195.472 ± 1.404 χ^2/NDF : 1905.8/22

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 $\chi^2/\text{NDF}: 658.2/16$

Left Out: -65.834 ± 1.707 $\chi^2/\text{NDF}: 473.9/5$

Right Out: -72.612 ± 1.054 $\chi^2/\text{NDF}: 606.9/18$

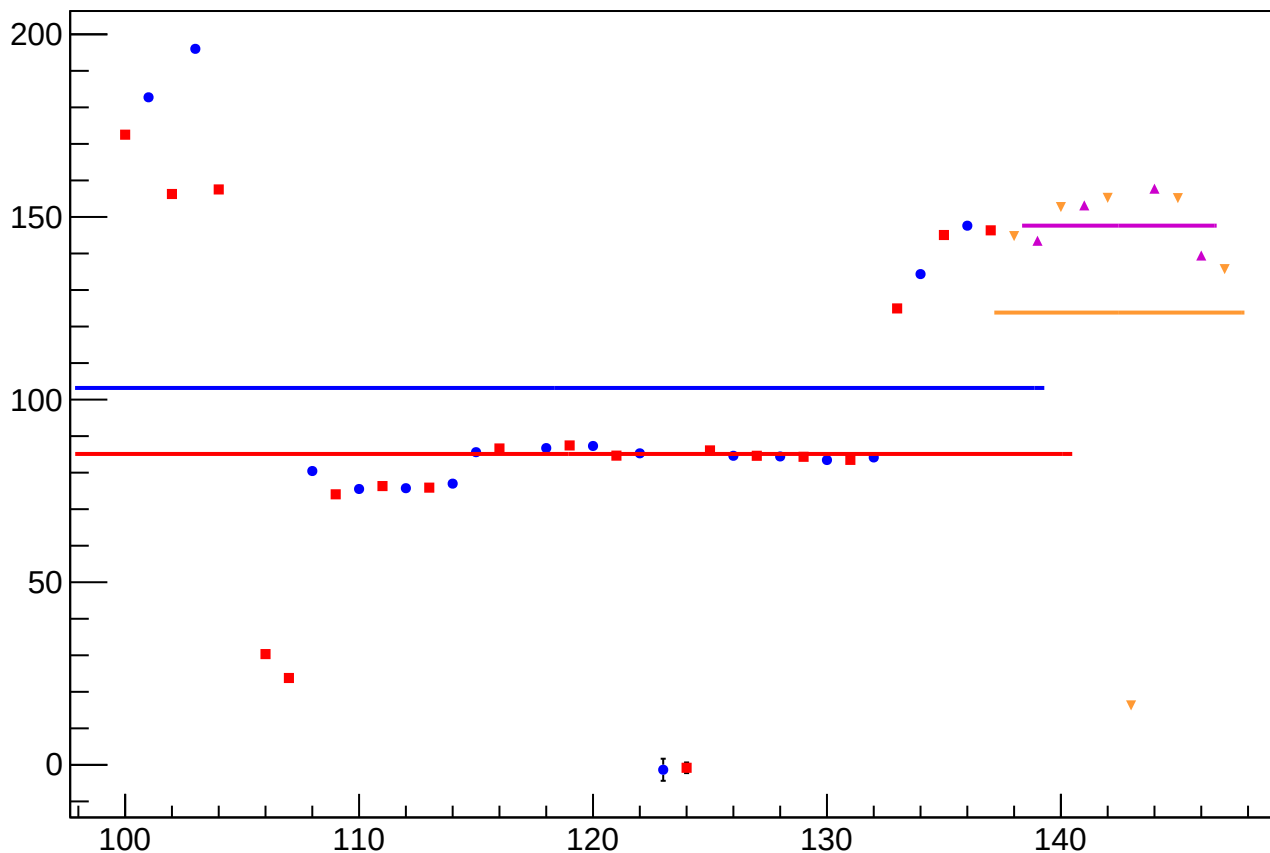
Left In: -78.100 ± 2.146 $\chi^2/\text{NDF}: 46.9/3$

+ sign -74.501 ± 0.904 $\chi^2/\text{NDF}: 1167.9/22$

All: -74.108 ± 0.654 $\chi^2/\text{NDF}: 1827.4/45$

- sign -73.678 ± 0.946 $\chi^2/\text{NDF}: 659.1/22$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.188 $\pm$ 0.070 χ^2 /NDF: 273587.8/16

Left Out: 123.825 $\pm$ 0.088 χ^2 /NDF: 332803.5/5

Right Out: 85.121 $\pm$ 0.064 χ^2 /NDF: 423521.4/18

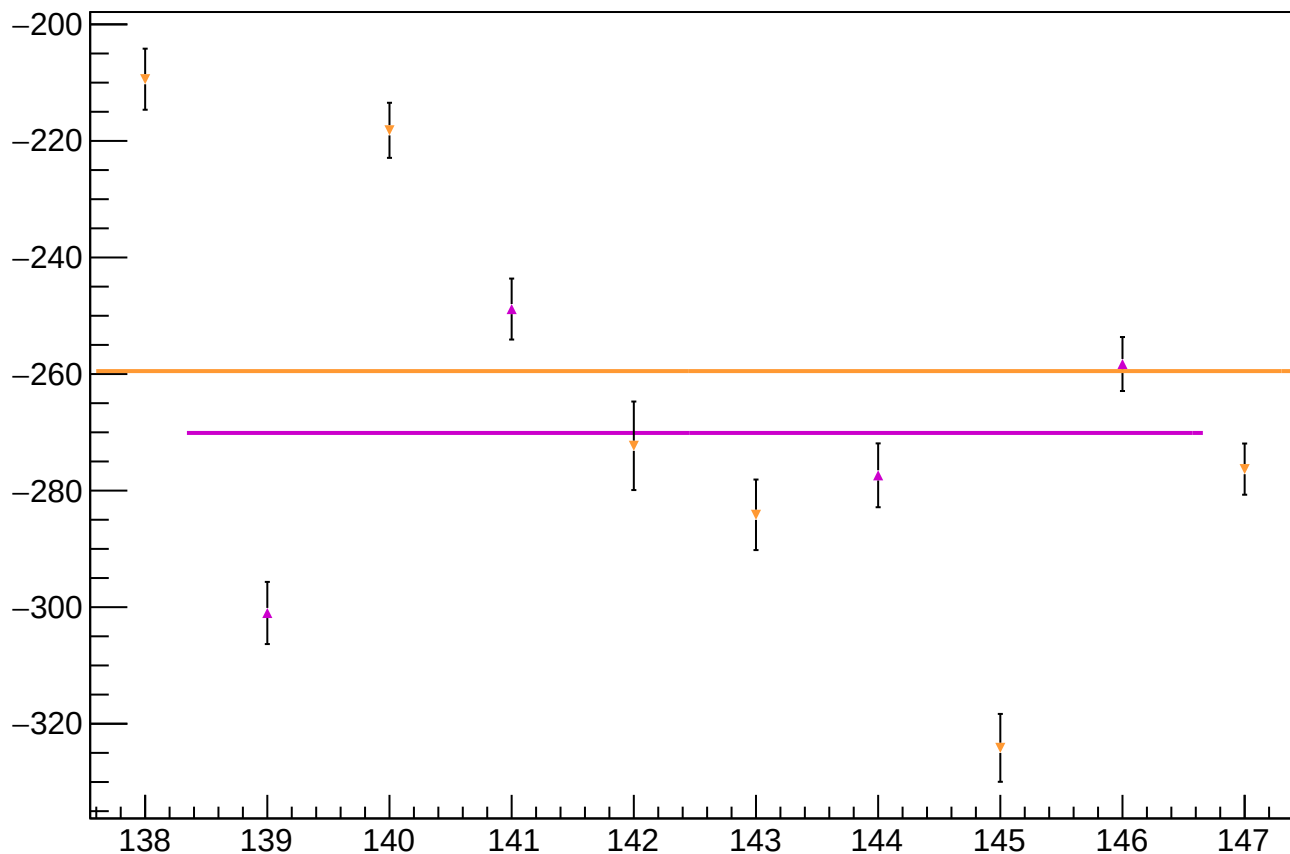
Left In: 147.622 $\pm$ 0.103 χ^2 /NDF: 4819.9/3

+ sign 111.205 $\pm$ 0.055 χ^2 /NDF: 639832.7/22

All: 106.741 $\pm$ 0.039 χ^2 /NDF: 1347176.9/45

- sign 102.405 $\pm$ 0.054 χ^2 /NDF: 694360.3/22

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -259.494+/-2.197 χ^2/NDF : 325.2/5

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

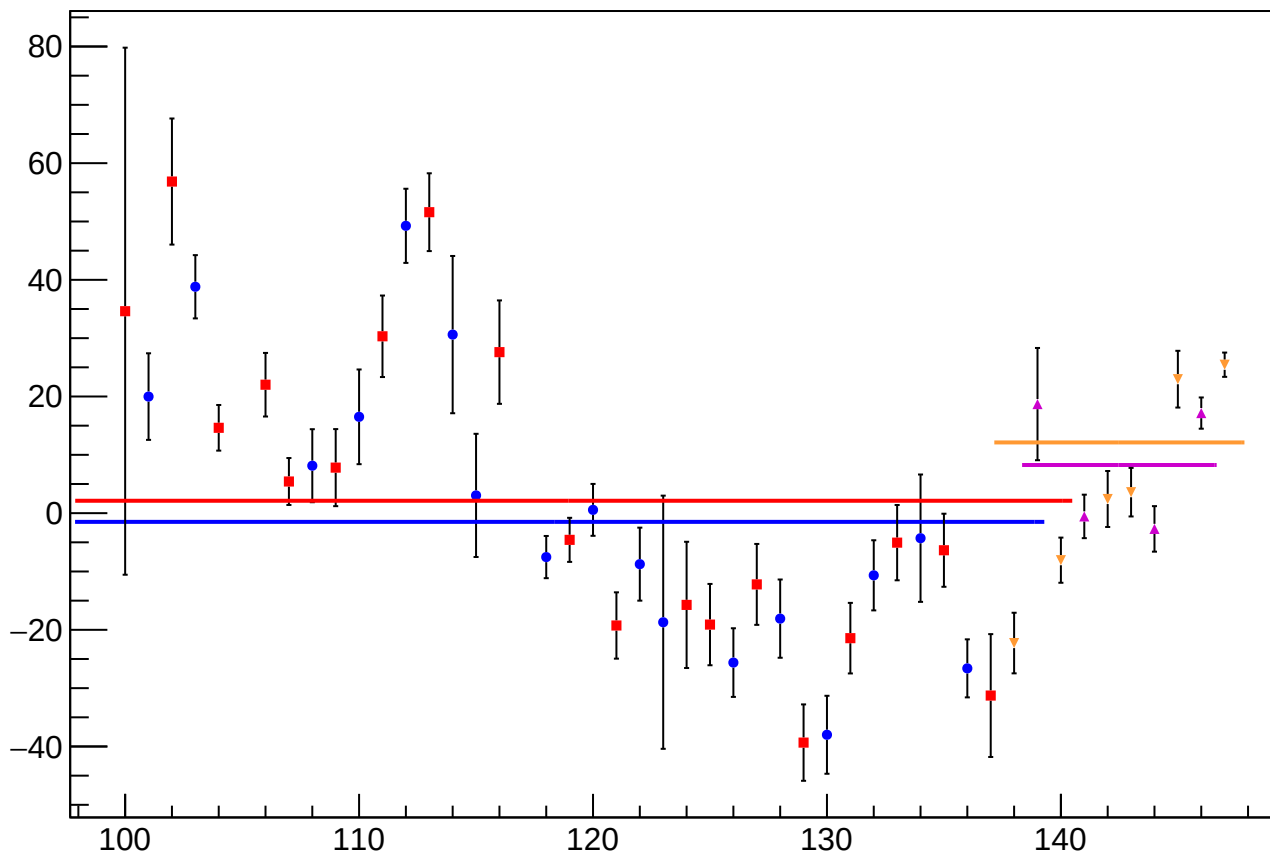
Left In: -270.105+/-2.568 χ^2/NDF : 58.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.978+/-1.669 χ^2/NDF : 393.4/9

- 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: 12.125 ± 1.446 χ^2/NDF : 125.3/5

Right Out: 2.127 ± 1.402 χ^2/NDF : 232.6/18

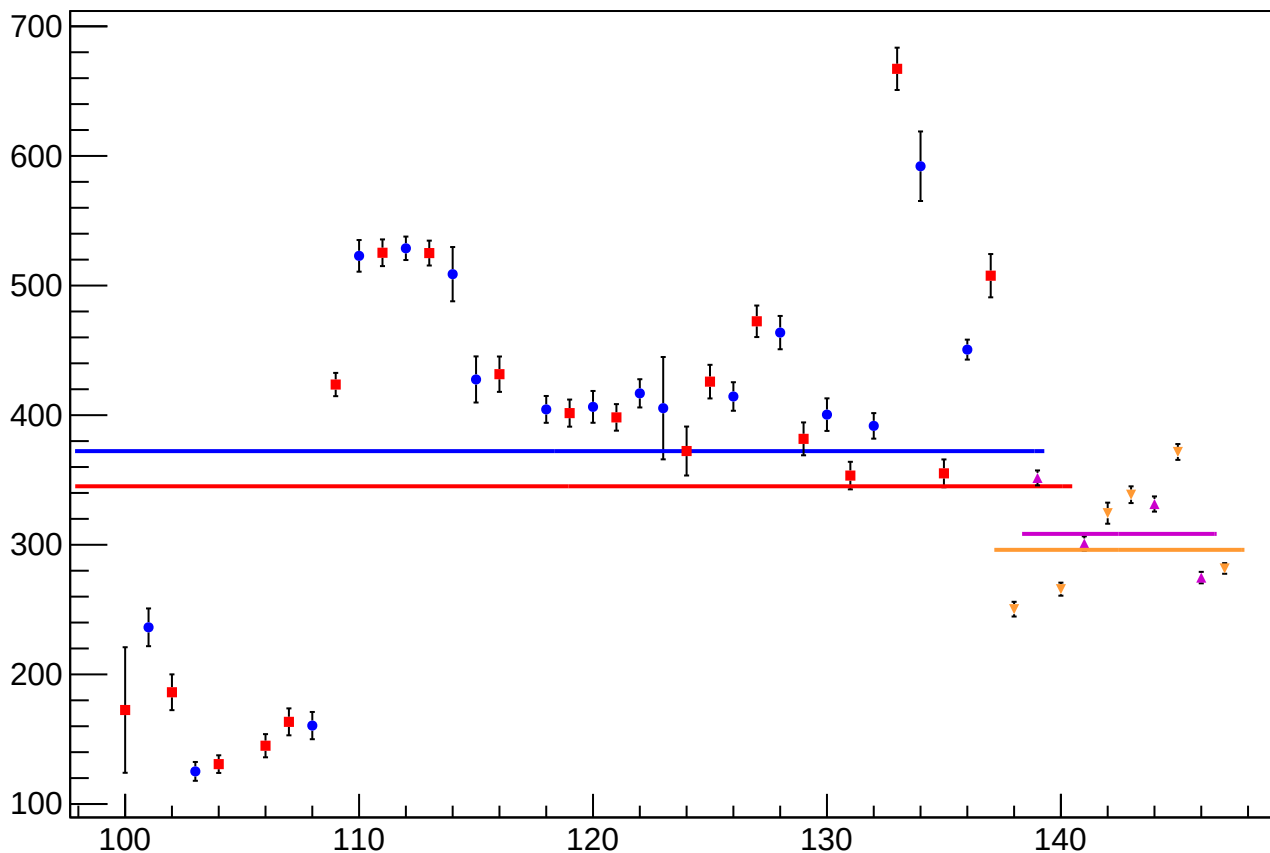
Left In: 8.257 ± 1.864 χ^2/NDF : 25.7/3

+ sign 5.625 ± 1.046 χ^2/NDF : 393.7/22

All: 5.028 ± 0.764 χ^2/NDF : 659.6/45

- sign 4.342 ± 1.121 χ^2/NDF : 265.2/22

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263+/-2.759 χ^2/NDF : 2433.1/16

Left Out: 296.101+/-2.259 χ^2/NDF : 321.9/5

Right Out: 345.135+/-2.562 χ^2/NDF : 3416.5/18

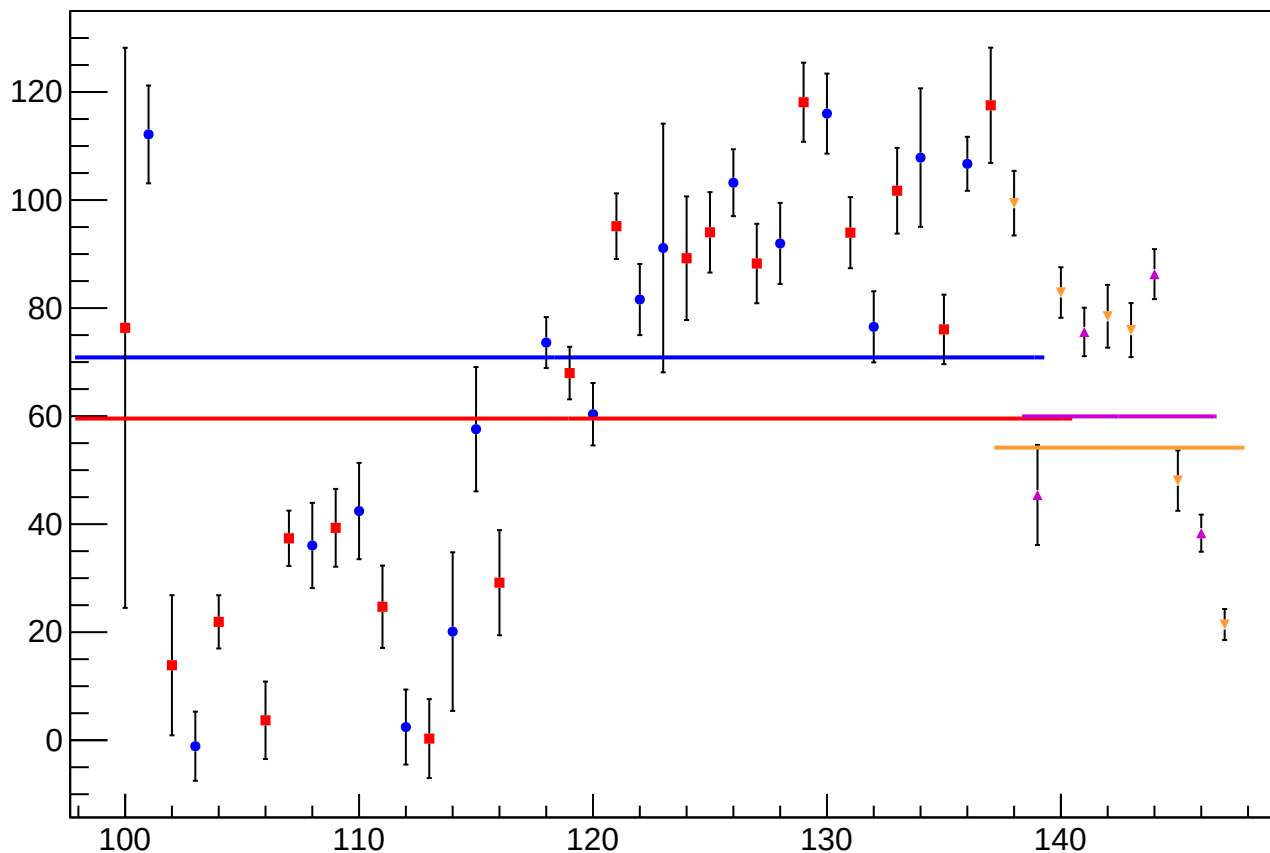
Left In: 308.409+/-2.648 χ^2/NDF : 131.3/3

+ sign 326.670+/-1.748 χ^2/NDF : 3211.0/22

All: 327.006+/-1.268 χ^2/NDF : 6858.2/45

- sign 327.380+/-1.841 χ^2/NDF : 3647.1/22

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 70.867 $\pm$ 1.743 χ^2 /NDF: 427.0/16

Left Out: 54.167 $\pm$ 1.836 χ^2 /NDF: 263.0/5

Right Out: 59.546 $\pm$ 1.633 χ^2 /NDF: 490.9/18

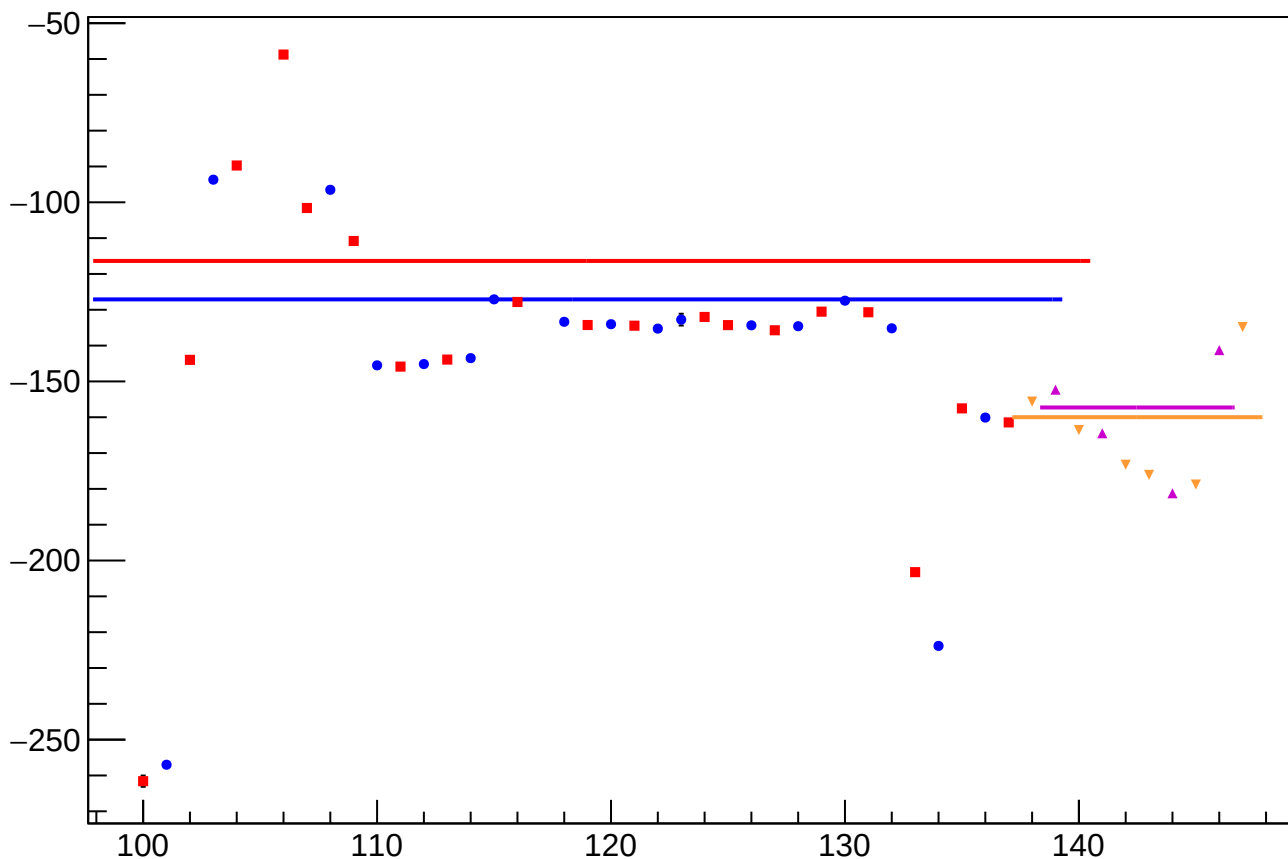
Left In: 59.946 $\pm$ 2.277 χ^2 /NDF: 86.7/3

+ sign 62.949 $\pm$ 1.264 χ^2 /NDF: 733.5/22

All: 61.395 $\pm$ 0.915 χ^2 /NDF: 1314.2/45

- sign 59.682 $\pm$ 1.327 χ^2 /NDF: 577.6/22

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.105 $\pm$ 0.089 χ^2 /NDF: 167064.7/16

Left Out: -159.986 $\pm$ 0.096 χ^2 /NDF: 29181.9/5

Right Out: -116.369 $\pm$ 0.083 χ^2 /NDF: 167595.6/18

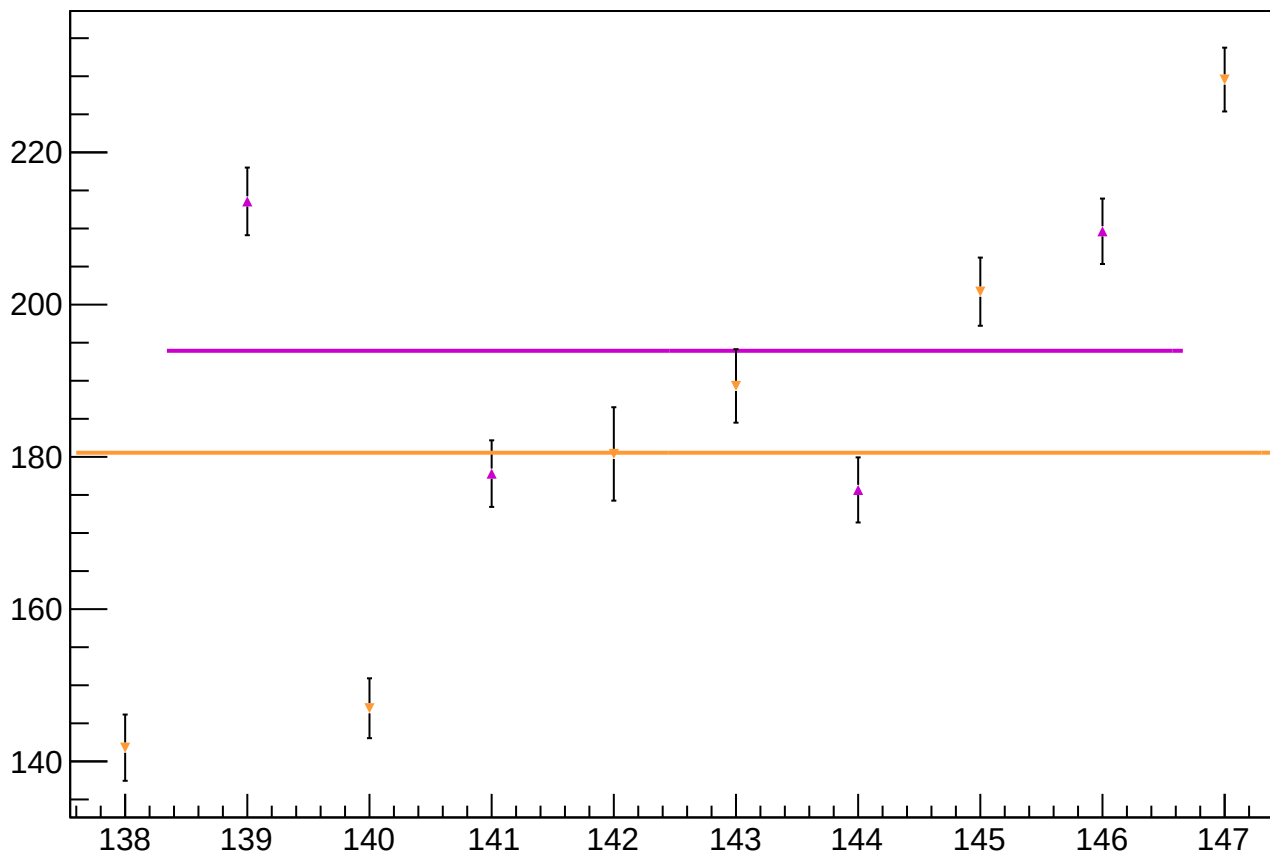
Left In: -157.273 $\pm$ 0.110 χ^2 /NDF: 16524.3/3

+ sign -142.379 $\pm$ 0.065 χ^2 /NDF: 259039.5/22

All: -136.872 $\pm$ 0.047 χ^2 /NDF: 545973.3/45

- sign -131.246 $\pm$ 0.066 χ^2 /NDF: 272619.5/22

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 180.549+/-1.845 χ^2/NDF : 314.7/5

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

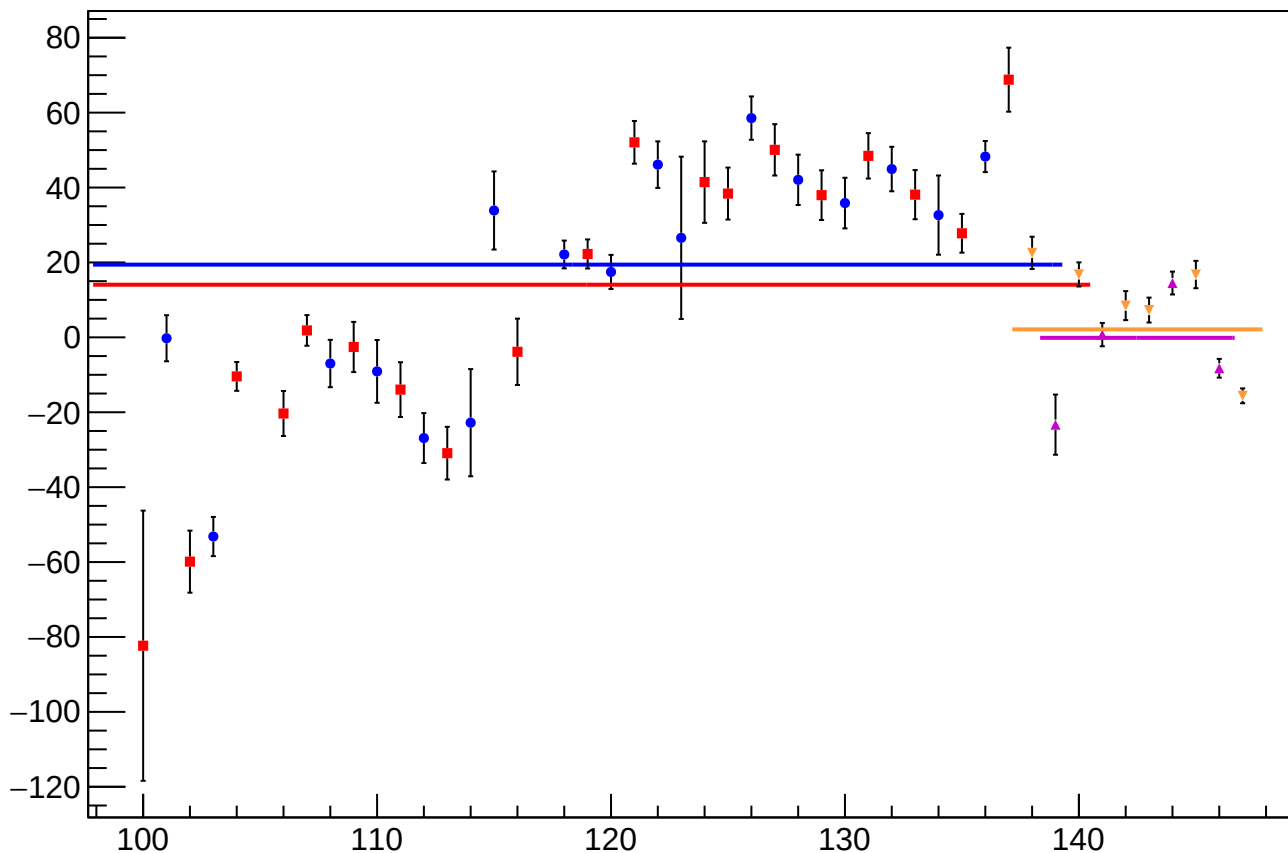
Left In: 193.937+/-2.173 χ^2/NDF : 64.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.157+/-1.406 χ^2/NDF : 401.5/9

- 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: 2.128 ± 1.254 χ^2/NDF : 144.3/5

Right Out: 14.055 ± 1.392 χ^2/NDF : 436.5/18

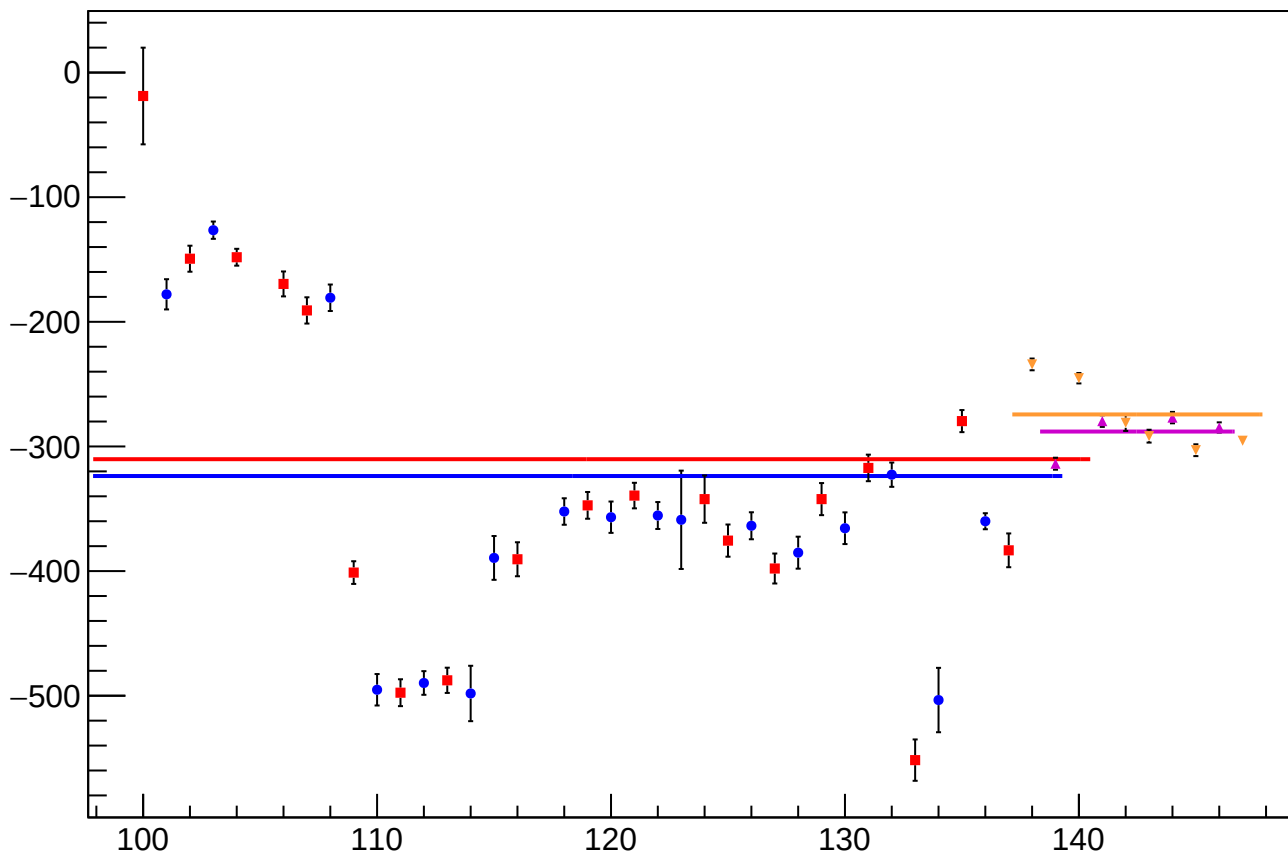
Left In: -0.128 ± 1.612 χ^2/NDF : 41.9/3

+ sign 9.353 ± 0.957 χ^2/NDF : 664.8/22

All: 8.739 ± 0.708 χ^2/NDF : 1188.5/45

- sign 7.995 ± 1.053 χ^2/NDF : 522.8/22

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 χ^2/NDF : 1850.8/16

Left Out: -274.310 ± 1.915 χ^2/NDF : 198.8/5

Right Out: -310.223 ± 2.523 χ^2/NDF : 2300.0/18

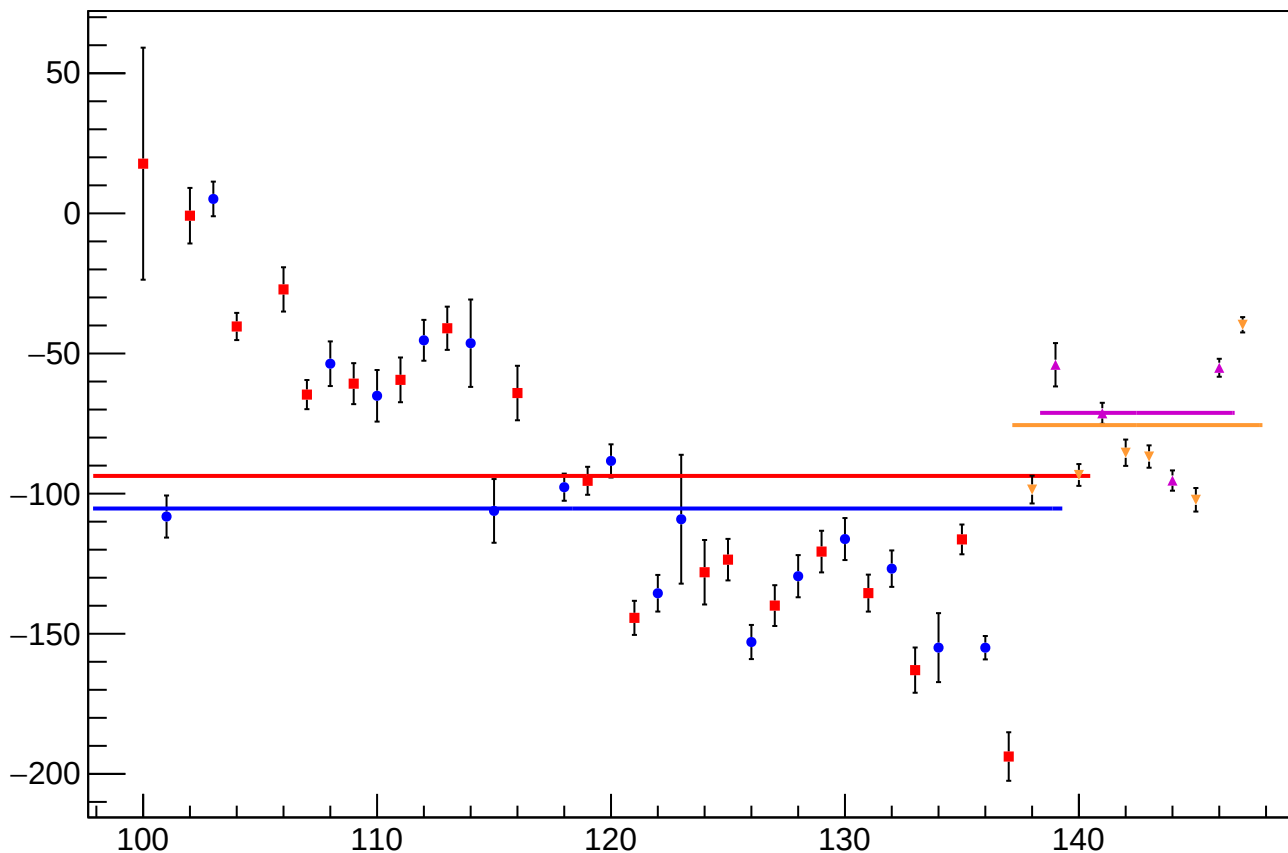
Left In: -288.041 ± 2.255 χ^2/NDF : 38.6/3

+ sign -291.113 ± 1.556 χ^2/NDF : 2275.9/22

All: -294.241 ± 1.142 χ^2/NDF : 4666.2/45

- sign -297.895 ± 1.681 χ^2/NDF : 2381.6/22

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.309 ± 1.693 χ^2/NDF : 737.5/16

Left Out: -75.545 ± 1.571 χ^2/NDF : 266.0/5

Right Out: -93.680 ± 1.612 χ^2/NDF : 826.5/18

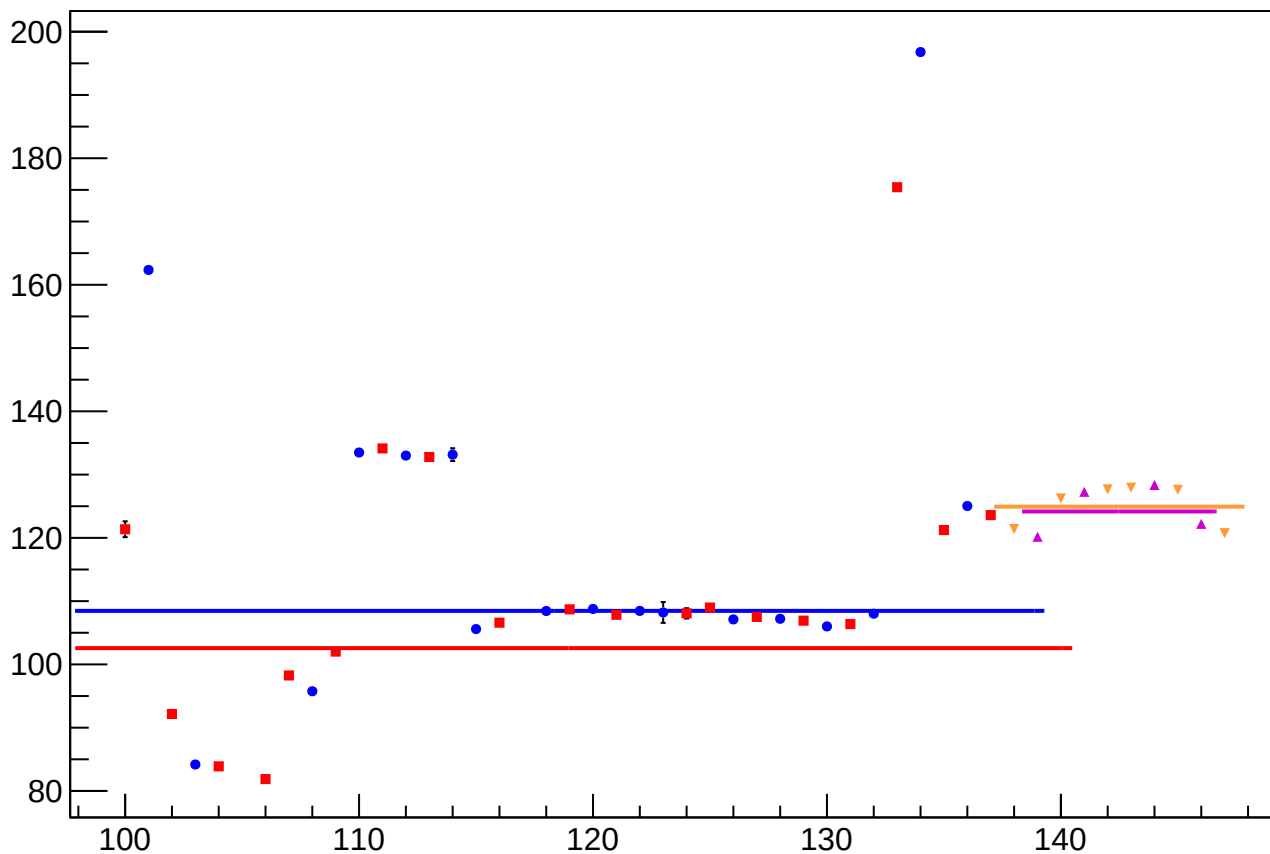
Left In: -71.180 ± 1.955 χ^2/NDF : 74.7/3

+ sign -89.315 ± 1.152 χ^2/NDF : 1169.5/22

All: -87.128 ± 0.845 χ^2/NDF : 2157.4/45

- sign -84.578 ± 1.244 χ^2/NDF : 980.1/22

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 ± 0.085 $\chi^2/\text{NDF}: 73302.1/16$

Left Out: 124.936 ± 0.081 $\chi^2/\text{NDF}: 1445.9/5$

Right Out: 102.570 ± 0.079 $\chi^2/\text{NDF}: 53143.8/18$

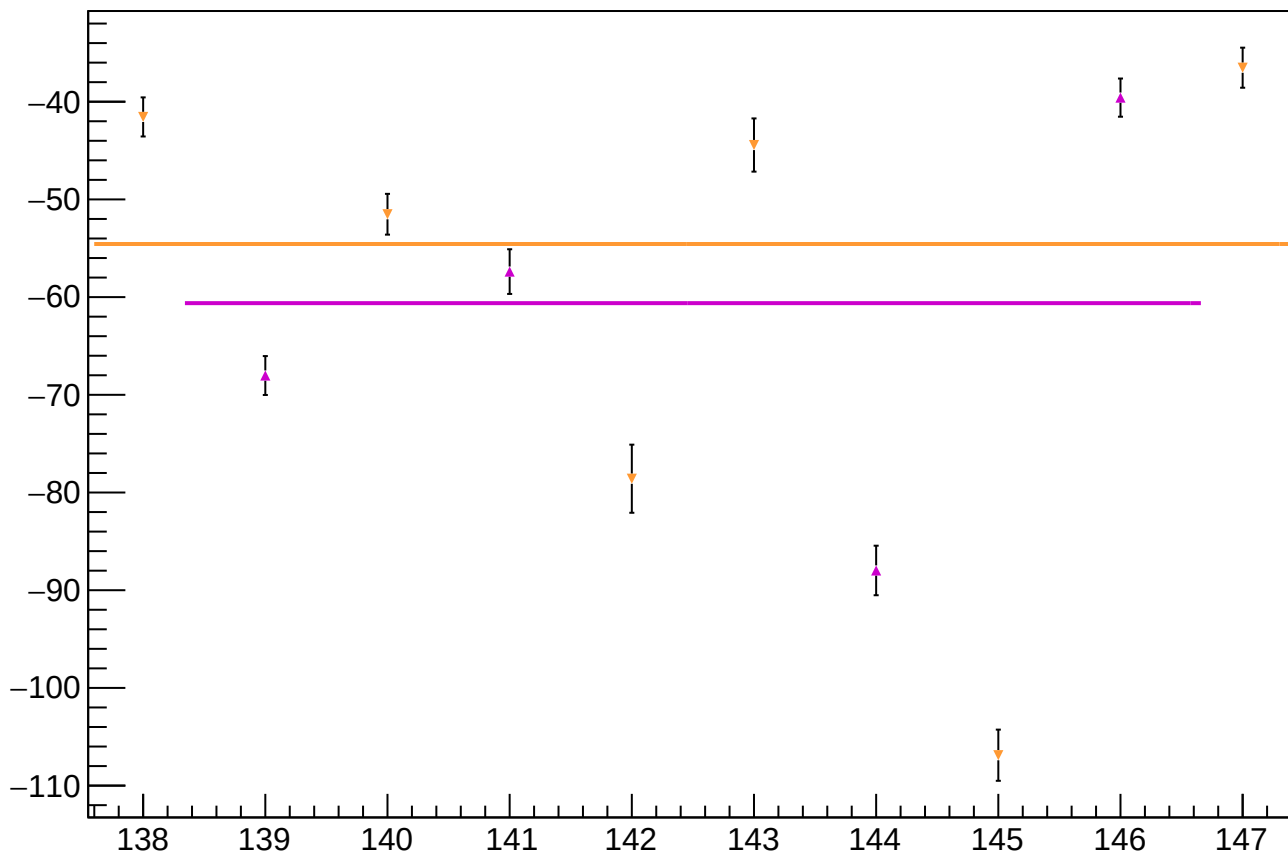
Left In: 124.174 ± 0.093 $\chi^2/\text{NDF}: 1373.4/3$

+ sign 117.115 ± 0.058 $\chi^2/\text{NDF}: 94614.5/22$

All: 114.497 ± 0.042 $\chi^2/\text{NDF}: 184516.9/45$

- sign 111.694 ± 0.060 $\chi^2/\text{NDF}: 85735.9/22$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -54.563+/-0.962 χ^2/NDF : 582.3/5

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

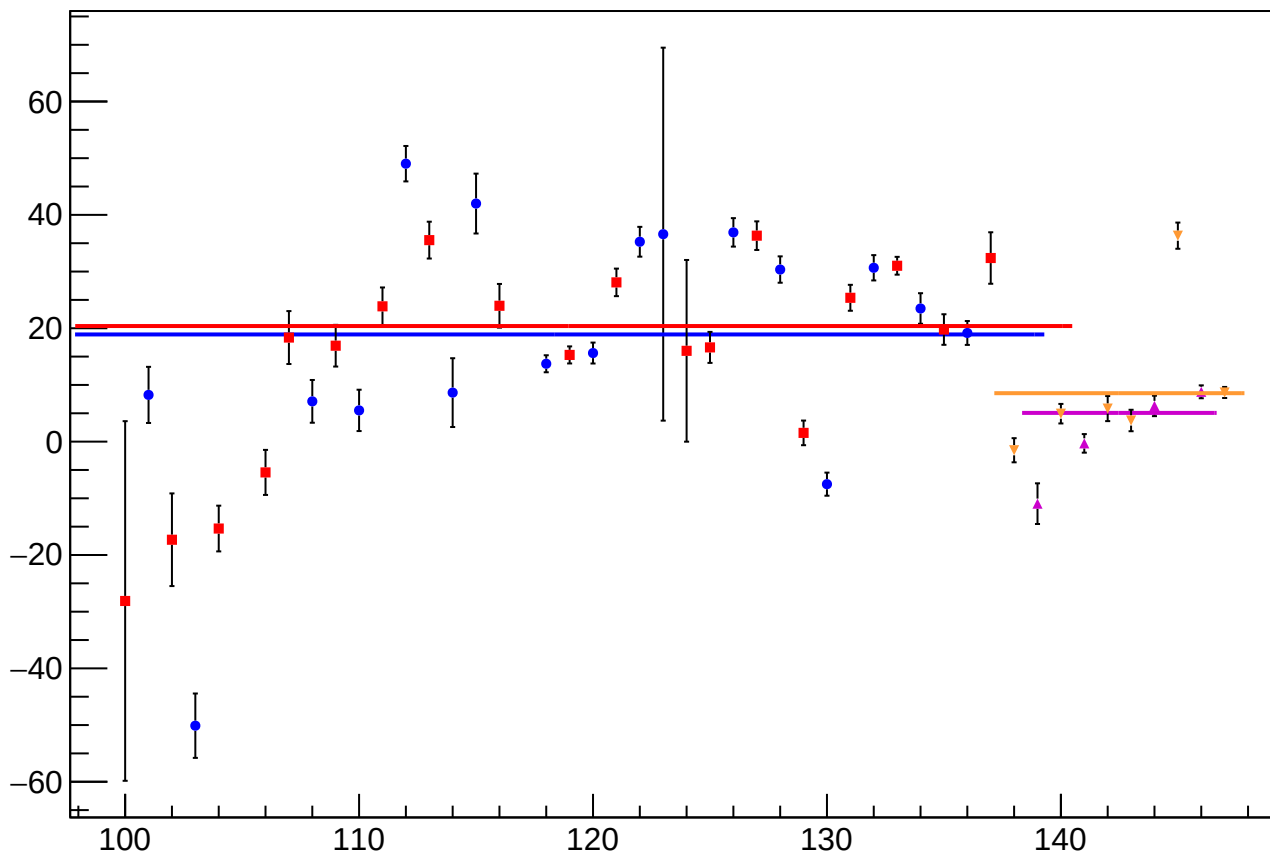
Left In: -60.618+/-1.078 χ^2/NDF : 248.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.249+/-0.718 χ^2/NDF : 848.1/9

- 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: 8.545 $\pm$ 0.662 χ^2 /NDF: 179.4/5

Right Out: 20.390 $\pm$ 0.644 χ^2 /NDF: 365.3/18

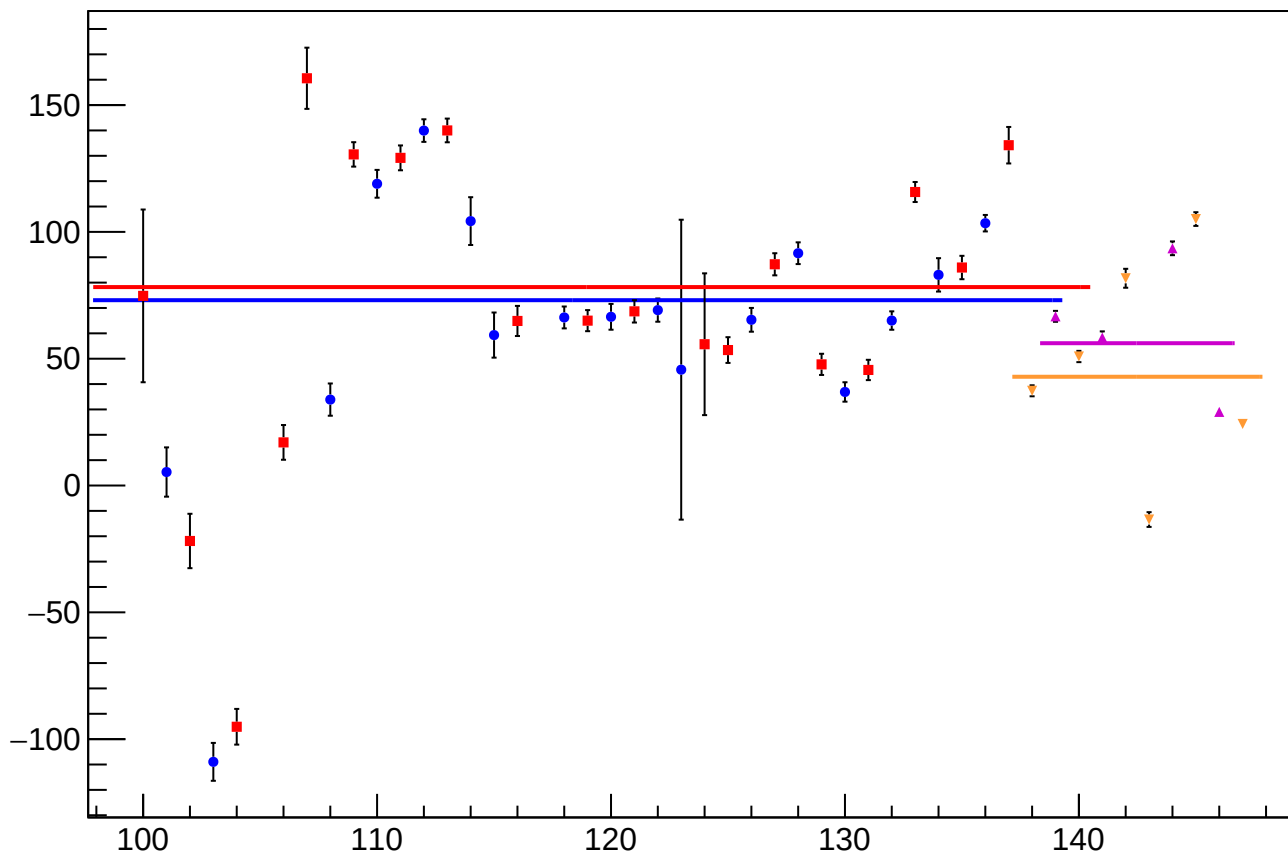
Left In: 5.066 $\pm$ 0.809 χ^2 /NDF: 41.8/3

+ sign 13.872 $\pm$ 0.461 χ^2 /NDF: 924.2/22

All: 14.135 $\pm$ 0.340 χ^2 /NDF: 1551.7/45

- sign 14.449 $\pm$ 0.504 χ^2 /NDF: 626.7/22

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 $\pm$ 1.228 χ^2 /NDF: 1200.0/16

Left Out: 42.886 $\pm$ 0.993 χ^2 /NDF:1125.9/5

Right Out: 78.241 $\pm$ 1.223 χ^2 /NDF: 1542.7/18

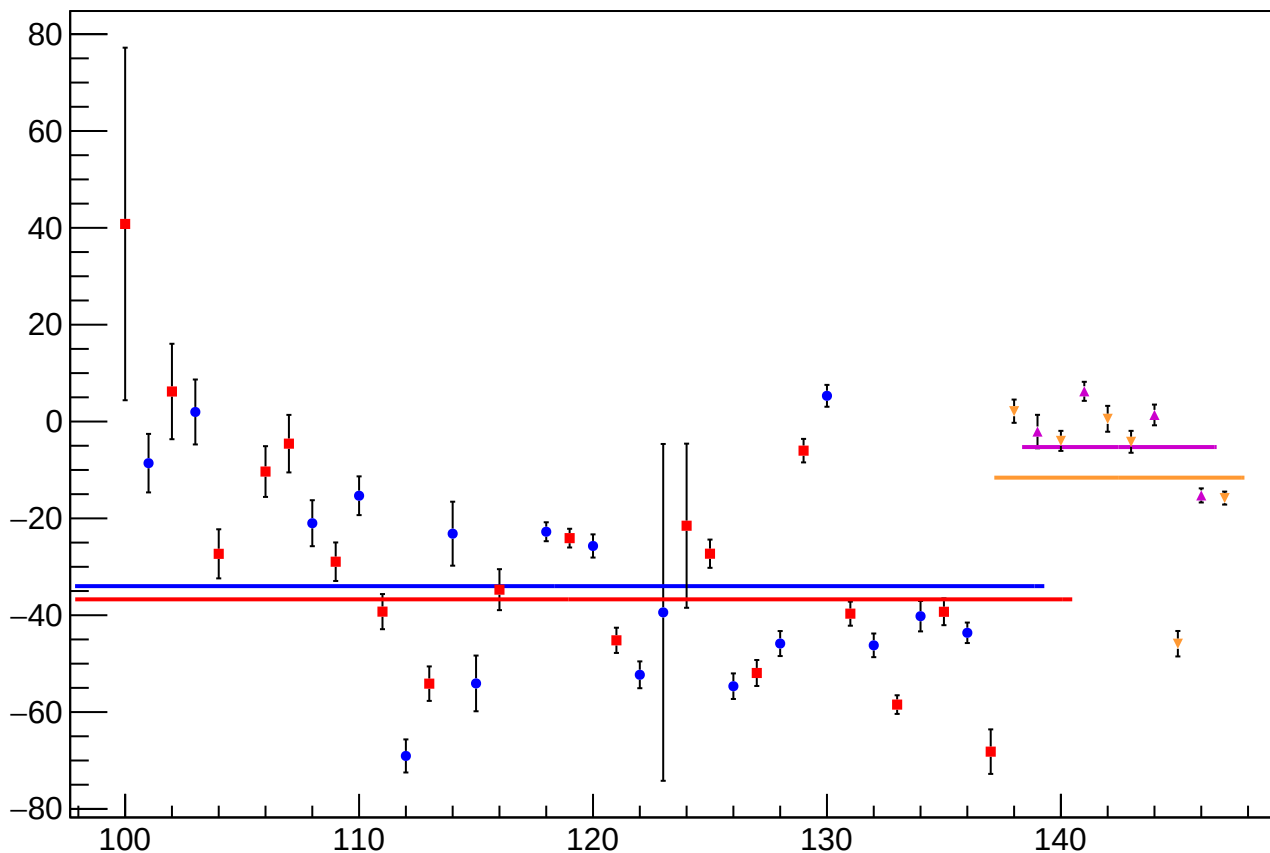
Left In: 56.110 $\pm$ 1.113 χ^2 /NDF:425.5/3

+ sign 54.820 $\pm$ 0.772 χ^2 /NDF: 2691.3/22

All: 60.119 $\pm$ 0.563 χ^2 /NDF: 4939.2/45

- sign 66.143 $\pm$ 0.823 χ^2 /NDF: 2147.3/22

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -33.991 ± 0.736 χ^2/NDF : 719.8/16

Left Out: -11.588 ± 0.832 χ^2/NDF : 257.3/5

Right Out: -36.719 ± 0.737 χ^2/NDF : 542.9/18

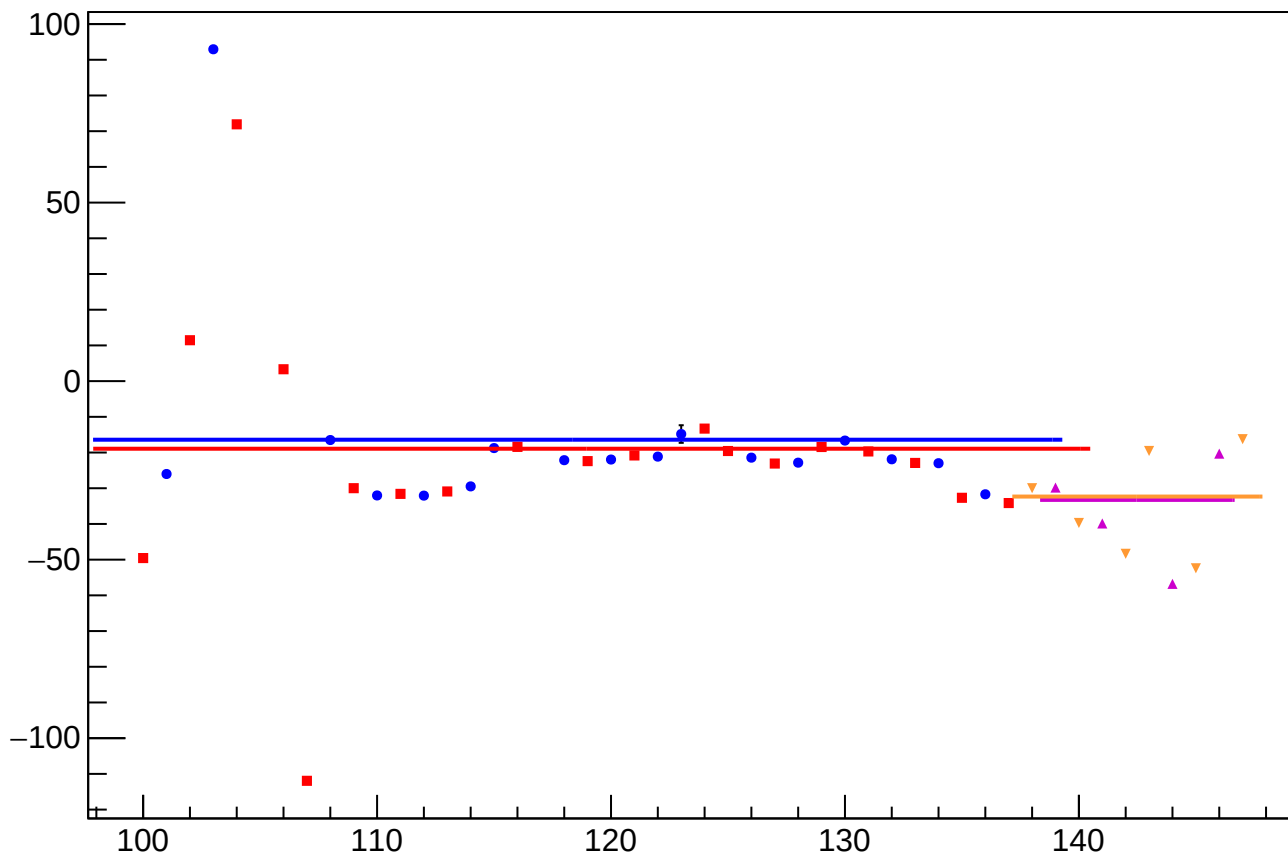
Left In: -5.269 ± 0.985 χ^2/NDF : 91.6/3

+ sign -24.158 ± 0.552 χ^2/NDF : 1383.5/22

All: -24.754 ± 0.403 χ^2/NDF : 2674.2/45

- sign -25.437 ± 0.590 χ^2/NDF : 1288.1/22

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.408 ± 0.044 $\chi^2/\text{NDF}: 474368.4/16$

Left Out: -32.330 ± 0.042 $\chi^2/\text{NDF}: 97189.6/5$

Right Out: -18.934 ± 0.045 $\chi^2/\text{NDF}: 434152.2/18$

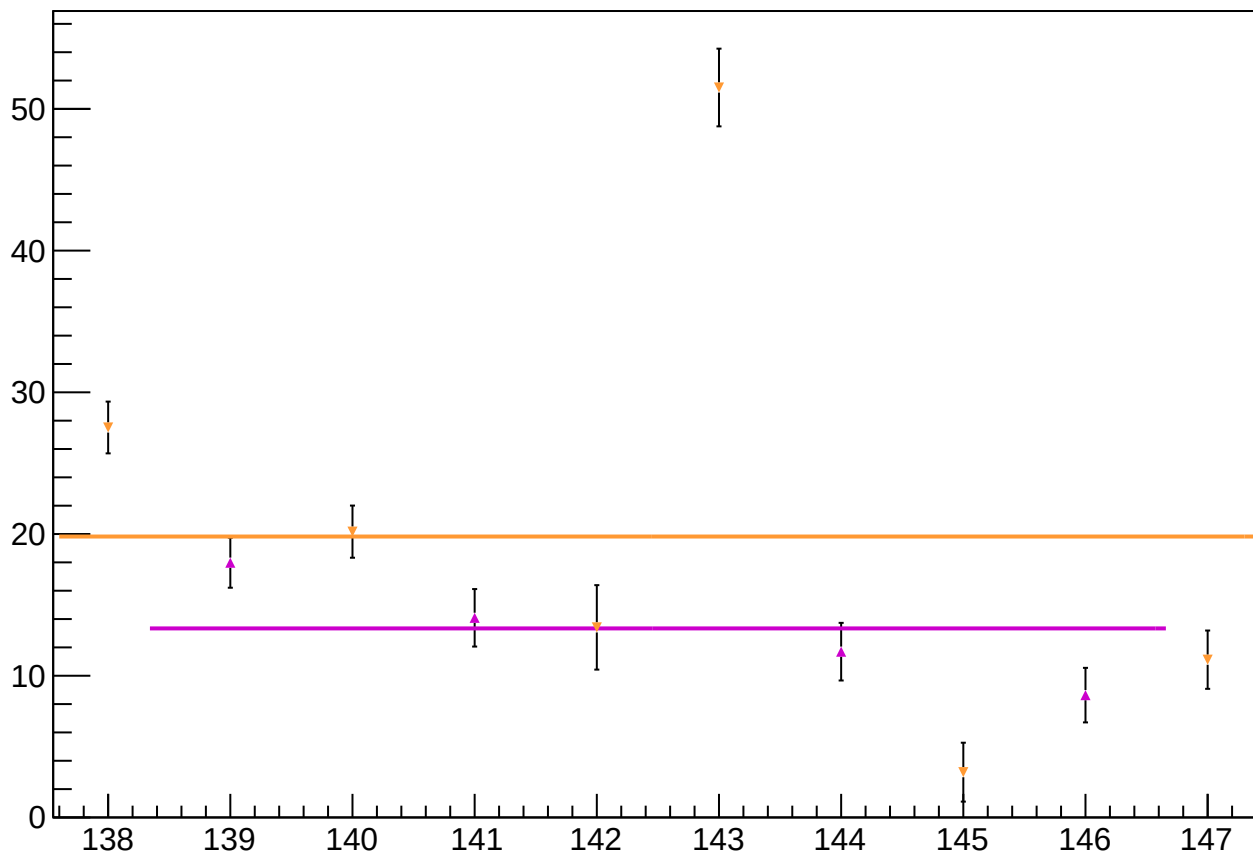
Left In: -33.265 ± 0.045 $\chi^2/\text{NDF}: 68355.9/3$

+ sign -24.876 ± 0.030 $\chi^2/\text{NDF}: 639886.2/22$

All: -25.436 ± 0.022 $\chi^2/\text{NDF}: 1193022.6/45$

- sign -26.061 ± 0.032 $\chi^2/\text{NDF}: 552416.4/22$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 19.824+/-0.874 χ^2/NDF : 237.8/5

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

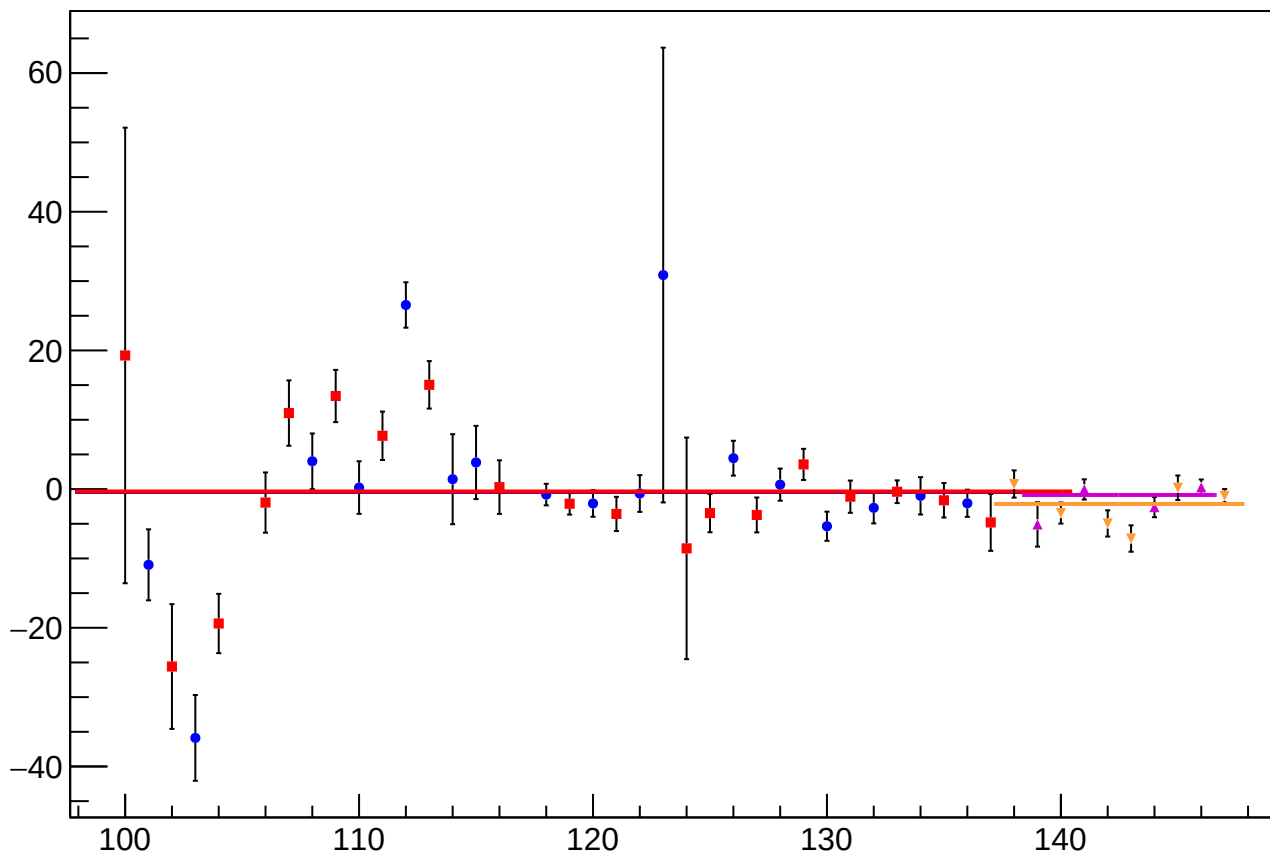
Left In: 13.340+/-0.964 χ^2/NDF : 13.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.899+/-0.648 χ^2/NDF : 276.3/9

- 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: -2.143 ± 0.619 χ^2/NDF : 15.2/5

Right Out: -0.342 ± 0.658 χ^2/NDF : 83.7/18

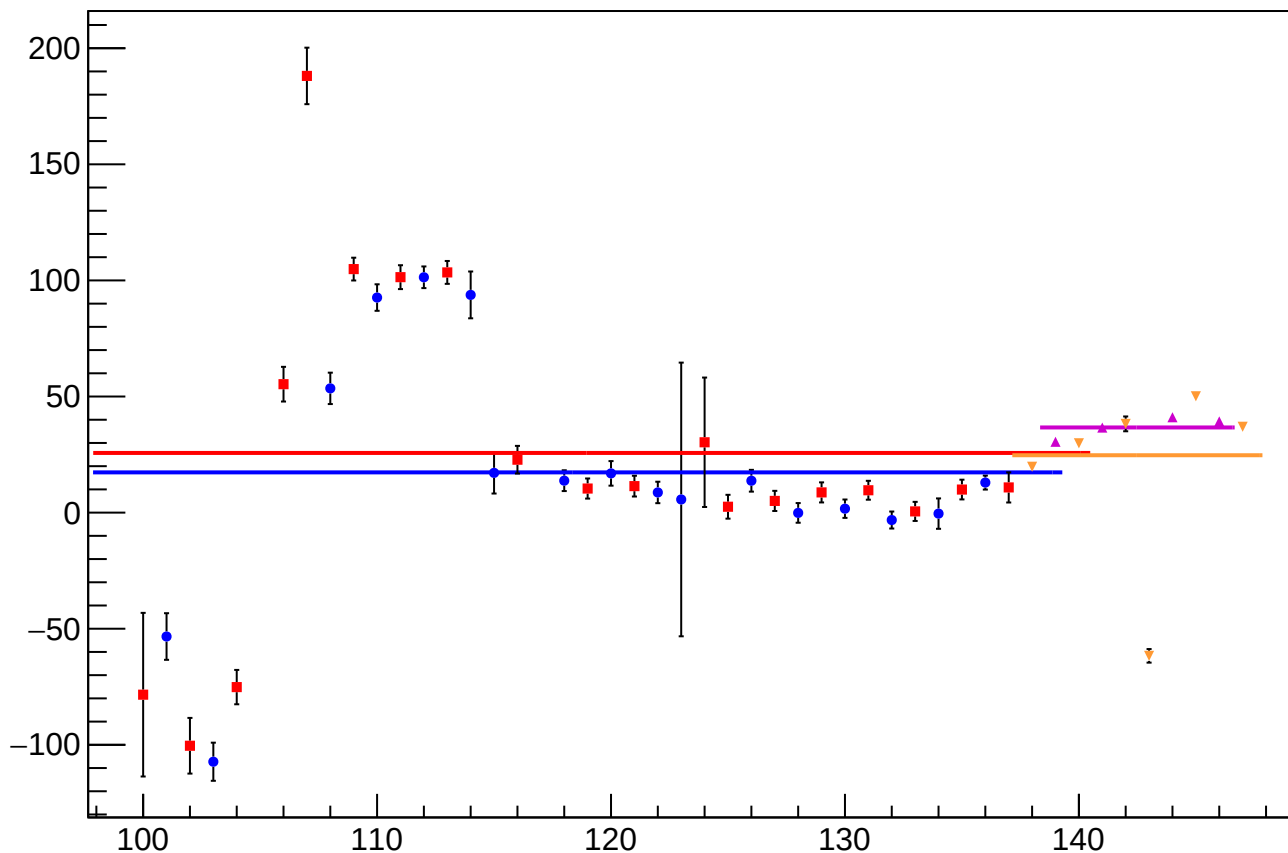
Left In: -0.844 ± 0.741 χ^2/NDF : 4.5/3

+ sign -1.325 ± 0.449 χ^2/NDF : 138.8/22

All: -0.978 ± 0.332 χ^2/NDF : 228.5/45

- sign -0.563 ± 0.492 χ^2/NDF : 88.4/22

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.328 $\pm$ 1.239 χ^2 /NDF: 943.2/16

Left Out: 24.711 $\pm$ 0.908 χ^2 /NDF: 1079.3/5

Right Out: 25.701 $\pm$ 1.243 χ^2 /NDF: 1379.1/18

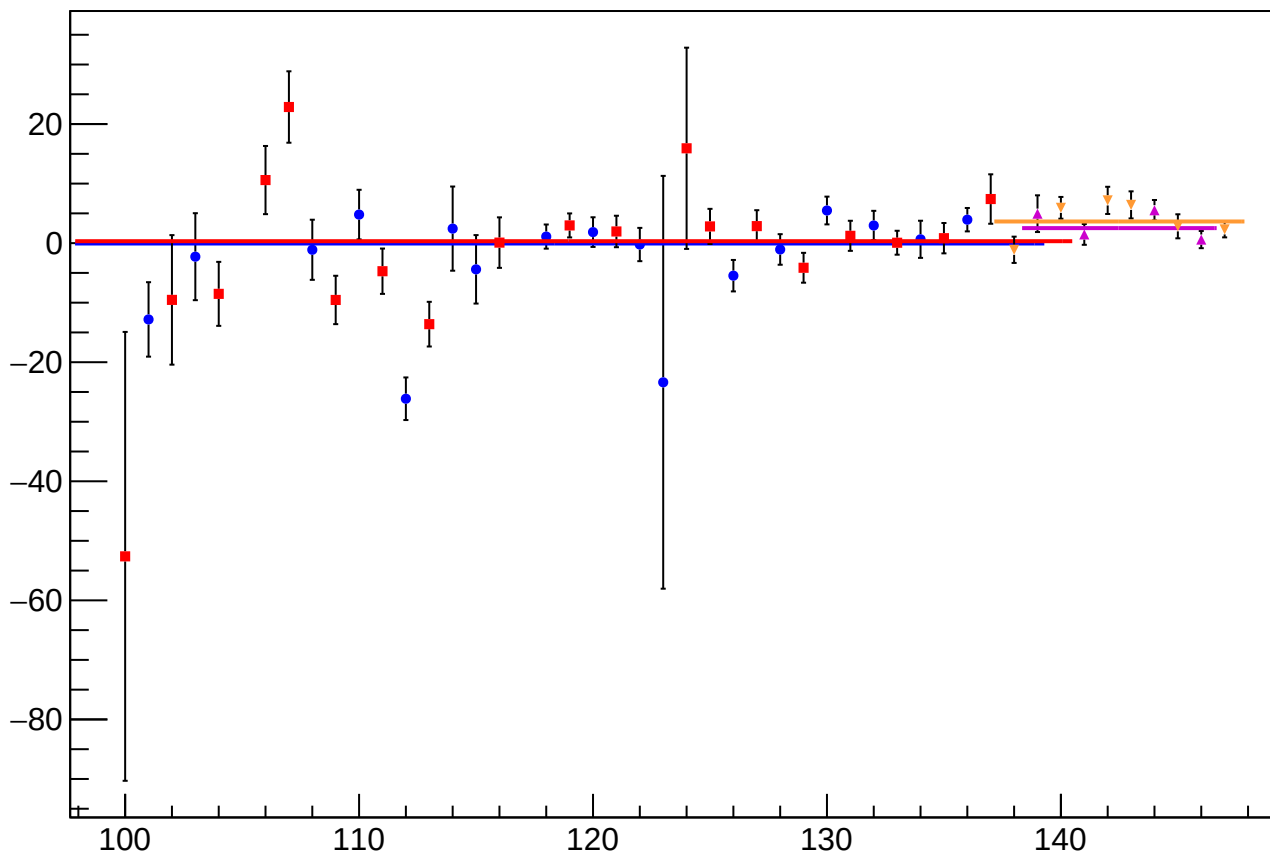
Left In: 36.674 $\pm$ 1.003 χ^2 /NDF: 16.5/3

+ sign 22.129 $\pm$ 0.733 χ^2 /NDF: 2045.5/22

All: 26.915 $\pm$ 0.534 χ^2 /NDF: 3579.5/45

- sign 32.347 $\pm$ 0.780 χ^2 /NDF: 1442.8/22

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.059 ± 0.744 χ^2/NDF : 76.5/16

Left Out: 3.636 ± 0.770 χ^2/NDF : 11.3/5

Right Out: 0.326 ± 0.749 χ^2/NDF : 55.1/18

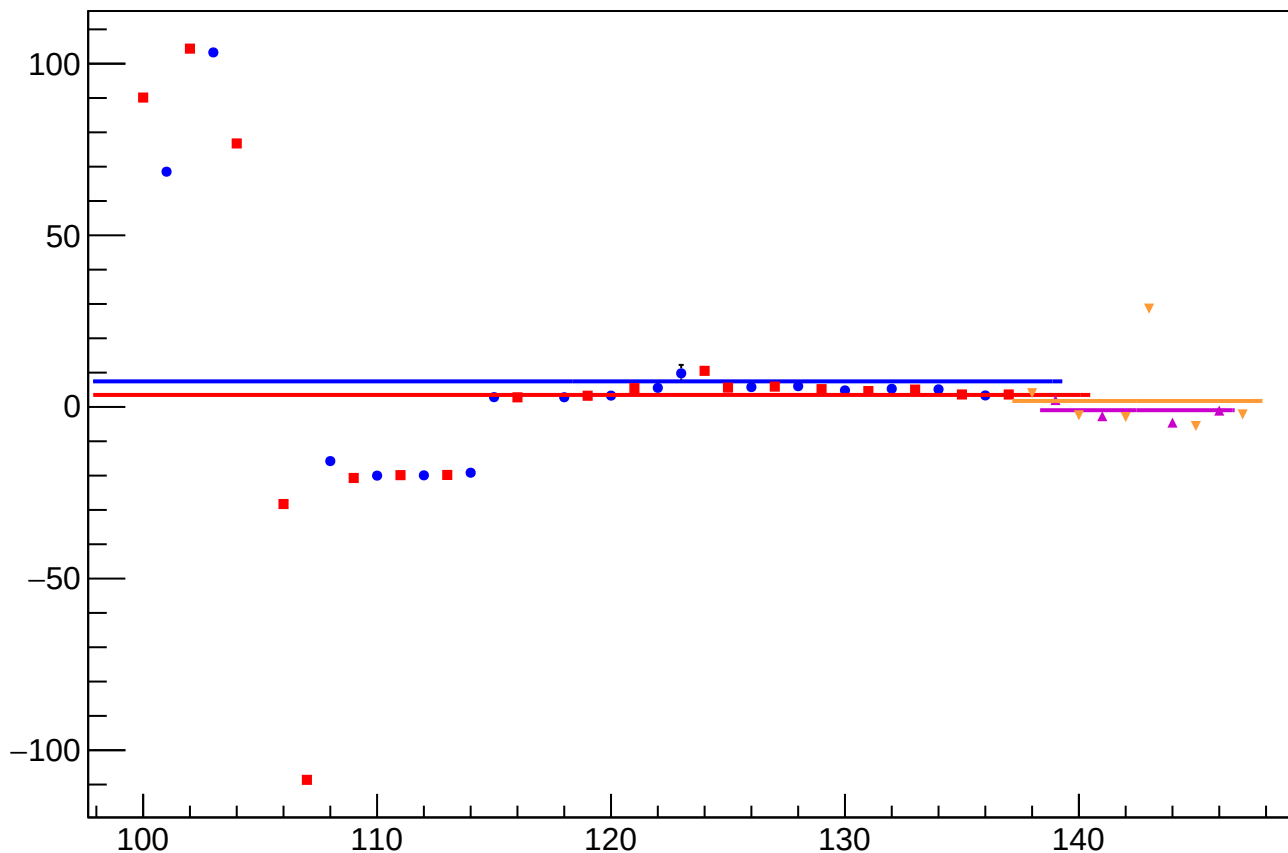
Left In: 2.522 ± 0.895 χ^2/NDF : 5.8/3

+ sign 1.725 ± 0.535 χ^2/NDF : 99.7/22

All: 1.496 ± 0.391 χ^2/NDF : 164.6/45

- sign 1.231 ± 0.574 χ^2/NDF : 64.5/22

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454+/-0.044 χ^2/NDF : 356053.3/16

Left Out: 1.743+/-0.038 χ^2/NDF : 66505.7/5

Right Out: 3.502+/-0.046 χ^2/NDF : 510579.7/18

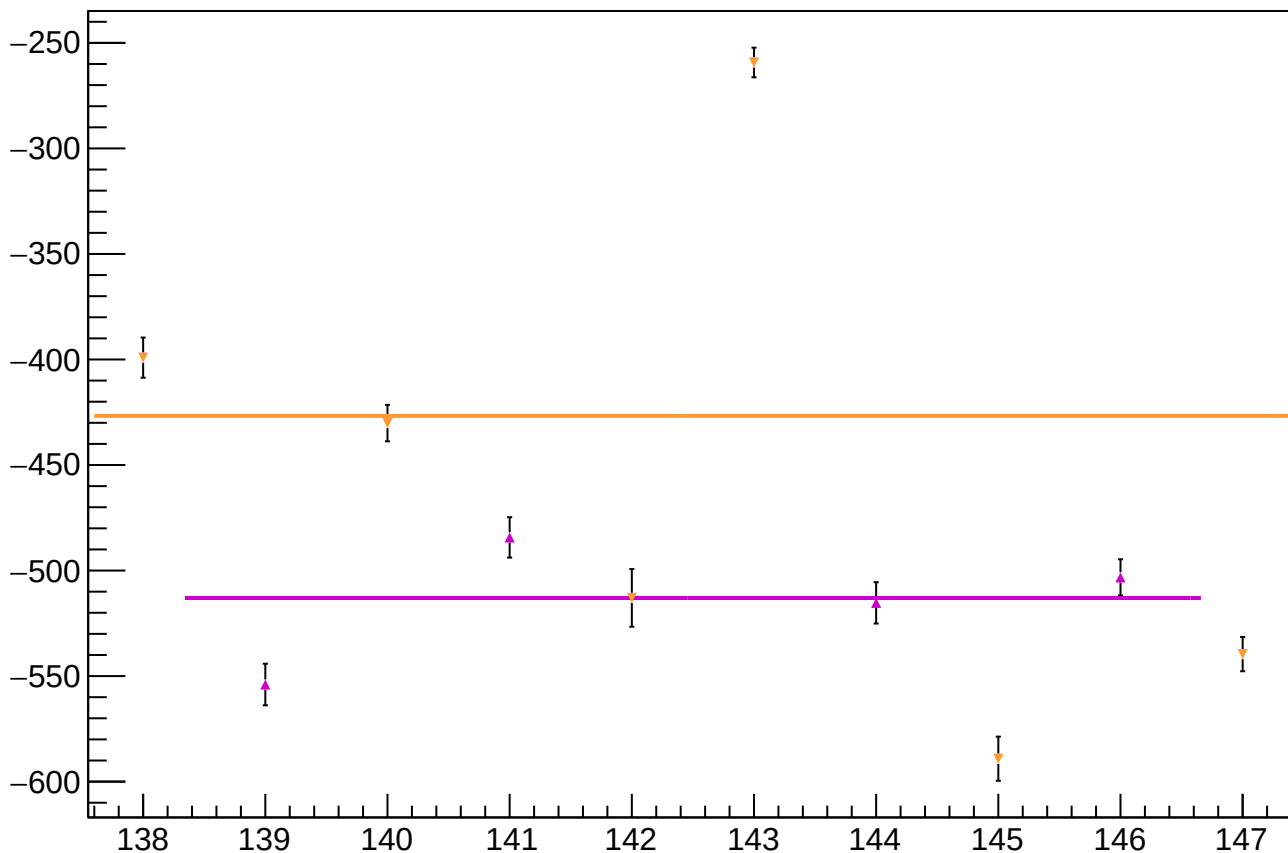
Left In: -0.947+/-0.041 χ^2/NDF : 3759.1/3

+ sign 4.141+/-0.029 χ^2/NDF : 432150.0/22

All: 2.672+/-0.021 χ^2/NDF : 957286.1/45

- sign 1.035+/-0.030 χ^2/NDF : 519630.3/22

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -426.720+/-3.666 χ^2/NDF :1052.0/5

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

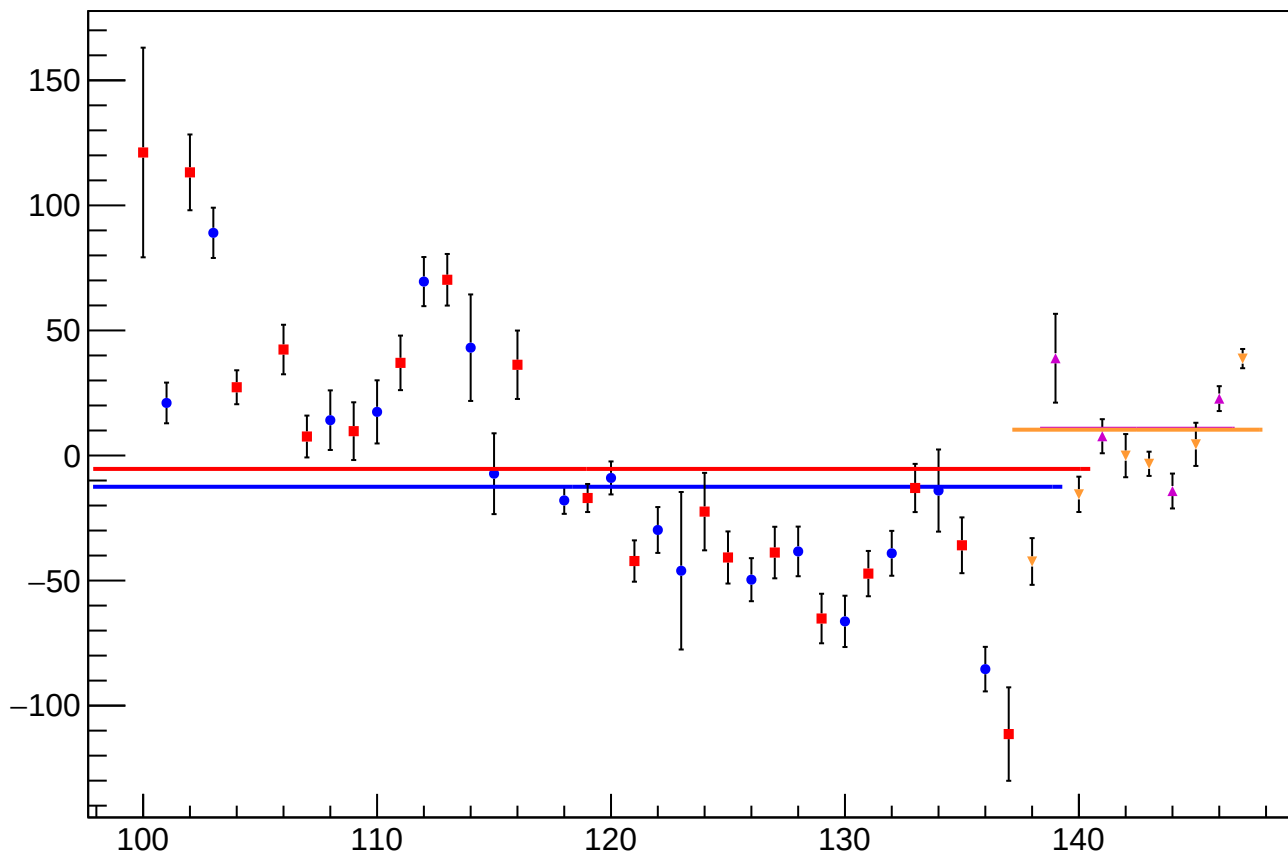
Left In: -513.007+/-4.700 χ^2/NDF :27.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -459.356+/-2.891 χ^2/NDF : 1289.2/9

- 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: 10.324 ± 2.435 χ^2/NDF : 109.7/5

Right Out: -5.363 ± 2.264 χ^2/NDF : 344.6/18

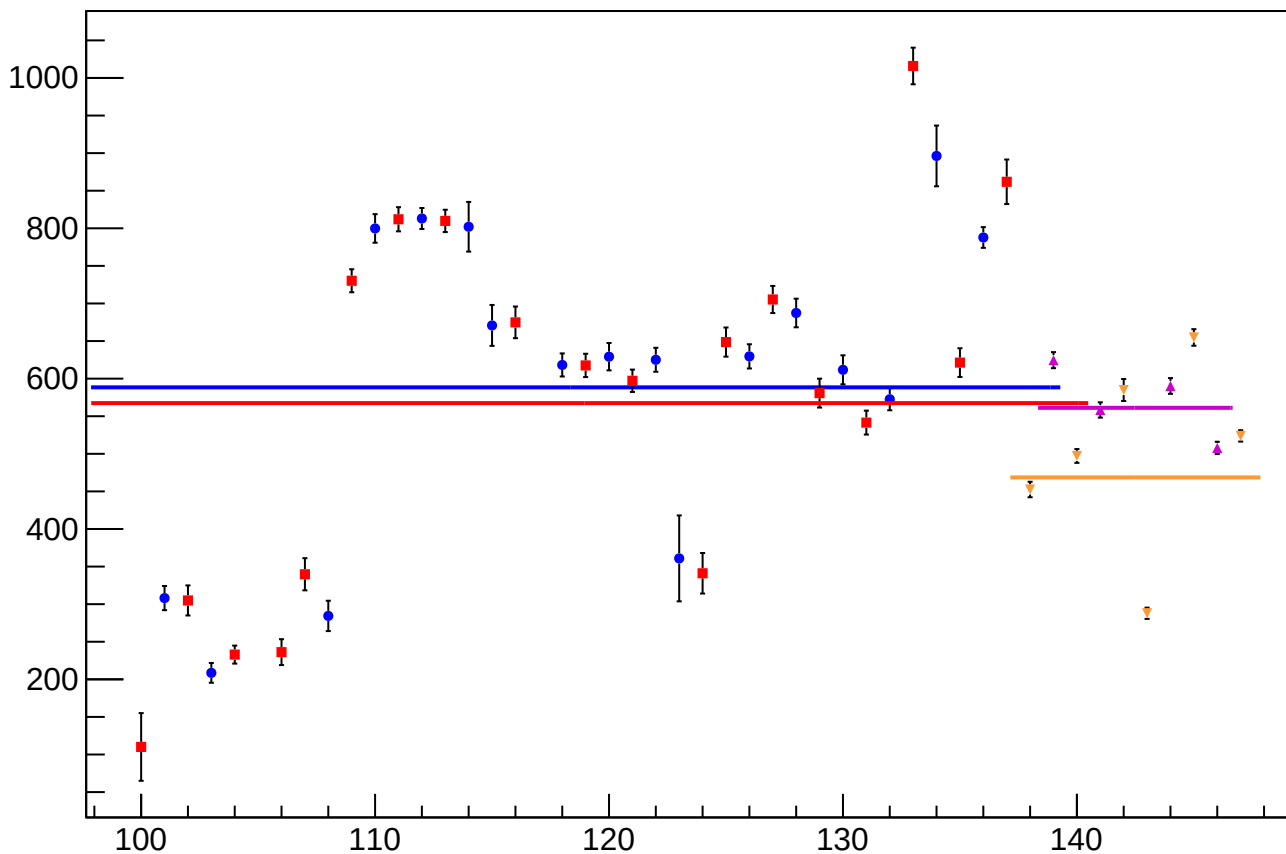
Left In: 10.700 ± 3.416 χ^2/NDF : 21.3/3

+ sign -1.686 ± 1.676 χ^2/NDF : 497.0/22

All: -1.146 ± 1.253 χ^2/NDF : 878.4/45

- sign -0.460 ± 1.887 χ^2/NDF : 381.3/22

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 588.421 $\pm$ 4.320 χ^2 /NDF: 2130.2/16

Left Out: 468.635 $\pm$ 3.797 χ^2 /NDF: 995.8/5

Right Out: 567.451 $\pm$ 4.137 χ^2 /NDF: 2784.8/18

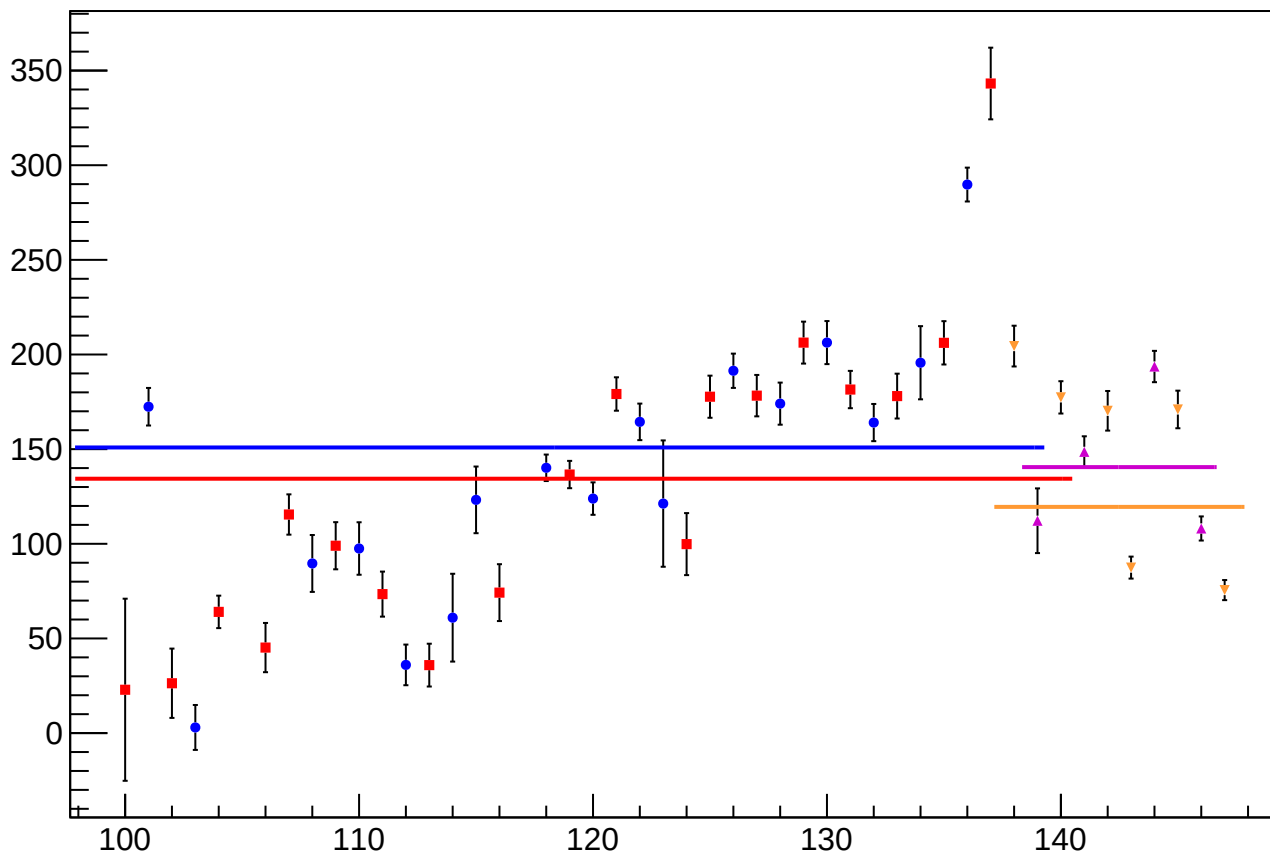
Left In: 561.194 $\pm$ 4.852 χ^2 /NDF: 85.5/3

+ sign 520.844 $\pm$ 2.852 χ^2 /NDF: 3559.6/22

All: 540.669 $\pm$ 2.114 χ^2 /NDF: 6538.1/45

- sign 564.817 $\pm$ 3.148 χ^2 /NDF: 2871.3/22

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 150.891 $\pm$ 2.674 χ^2 /NDF: 634.8/16

Left Out: 119.501 $\pm$ 3.060 χ^2 /NDF: 257.7/5

Right Out: 134.381 $\pm$ 2.620 χ^2 /NDF: 584.9/18

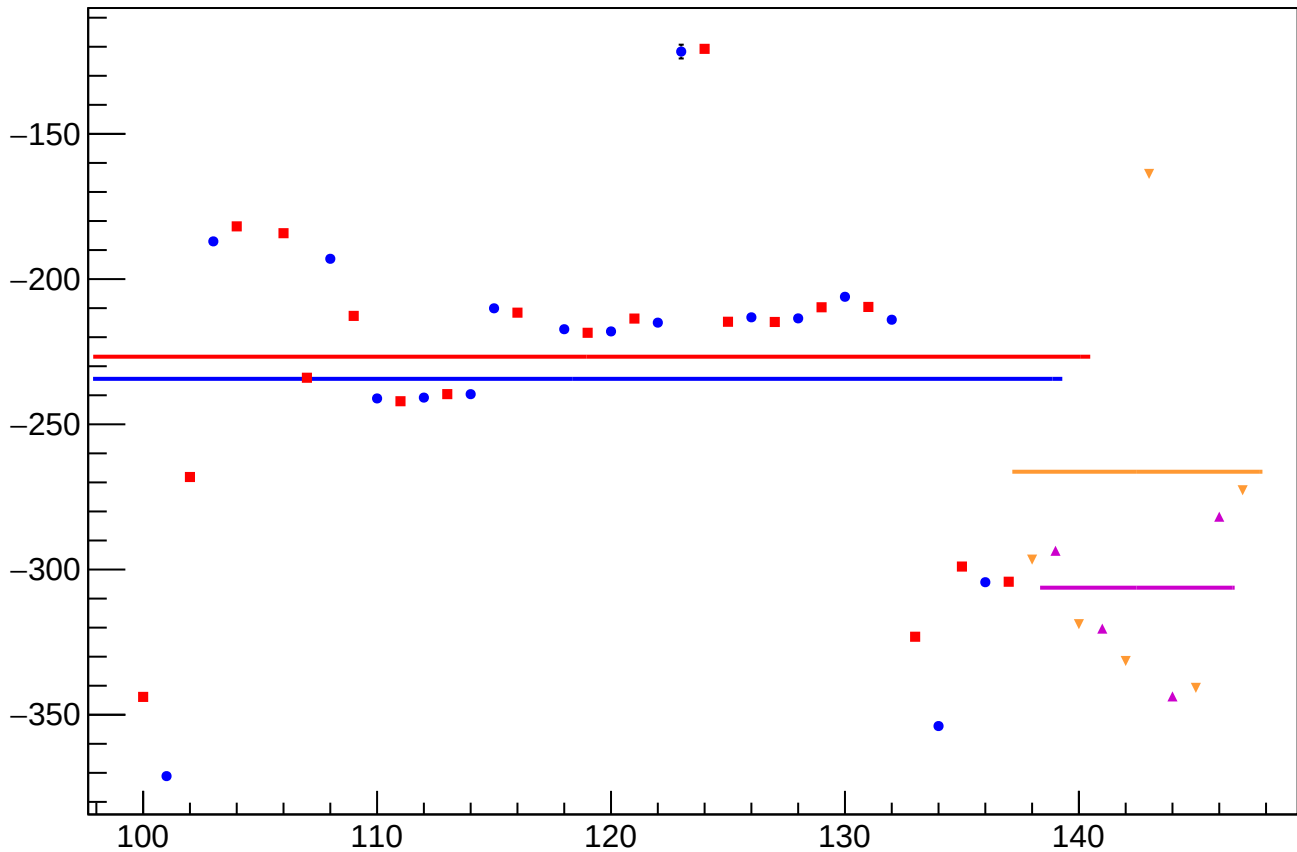
Left In: 140.515 $\pm$ 4.170 χ^2 /NDF: 70.9/3

+ sign 137.301 $\pm$ 2.013 χ^2 /NDF: 952.2/22

All: 136.766 $\pm$ 1.491 χ^2 /NDF: 1609.7/45

- sign 136.117 $\pm$ 2.218 χ^2 /NDF: 657.3/22

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.341+/-0.148 χ^2/NDF : 145165.1/16

Left Out: -266.322+/-0.160 χ^2/NDF : 180660.7/5

Right Out: -226.716+/-0.141 χ^2/NDF : 99440.4/18

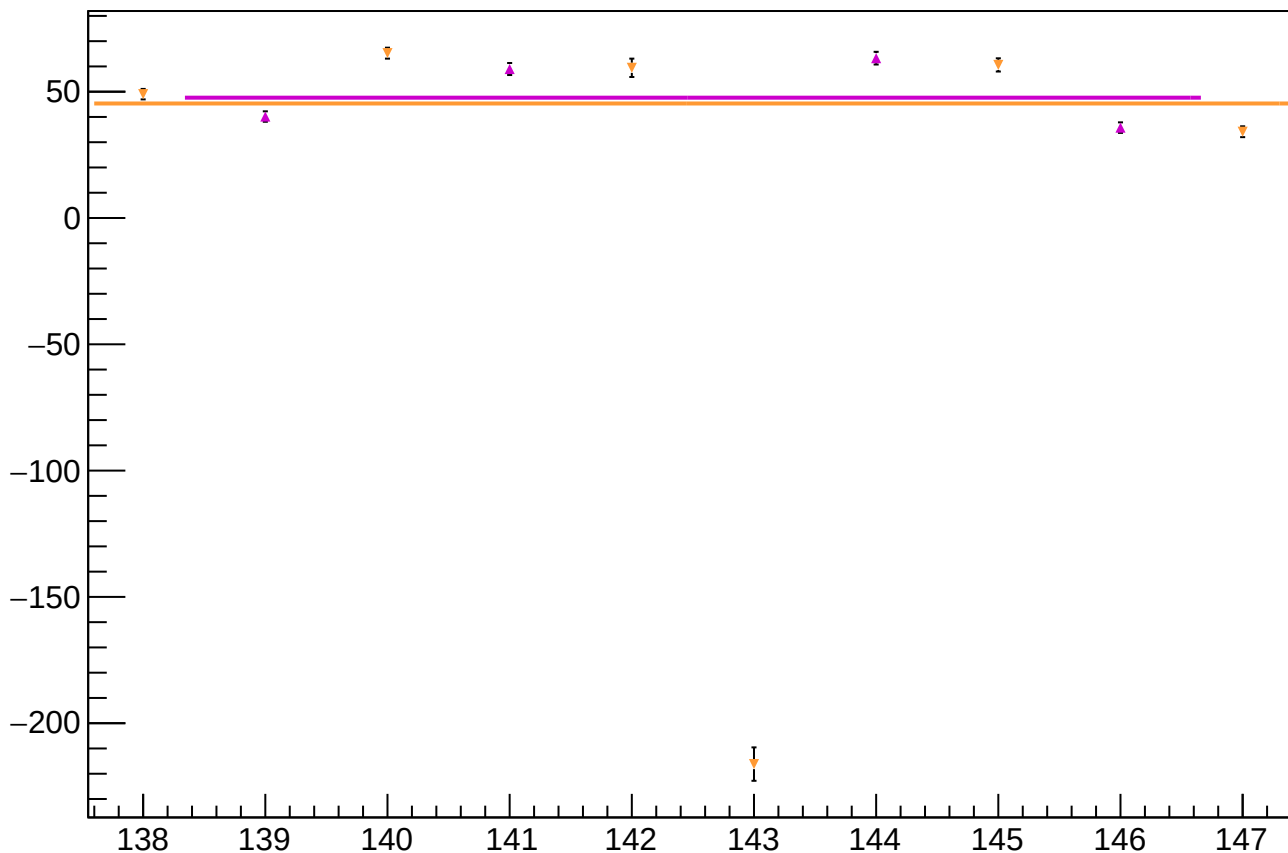
Left In: -306.248+/-0.201 χ^2/NDF : 13177.6/3

+ sign -249.145+/-0.109 χ^2/NDF : 347351.5/22

All: -250.958+/-0.079 χ^2/NDF : 565261.6/45

- sign -253.009+/-0.116 χ^2/NDF : 217317.2/22

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 45.329+/-1.050 χ^2/NDF :1727.6/5

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

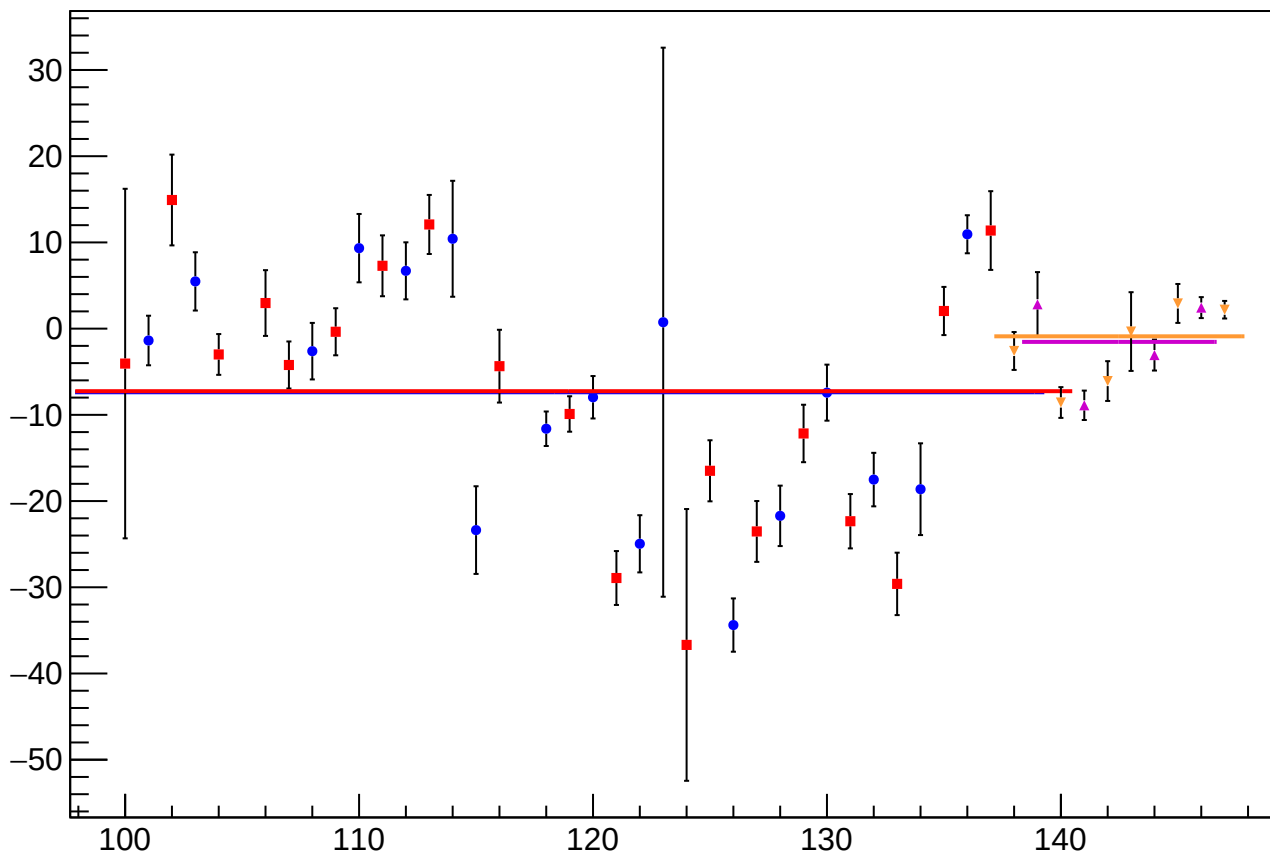
Left In: 47.630+/-1.119 χ^2/NDF :106.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.407+/-0.766 χ^2/NDF : 1836.7/9

- 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: -0.892 ± 0.723 χ^2/NDF : 36.2/5

Right Out: -7.256 ± 0.762 χ^2/NDF : 257.3/18

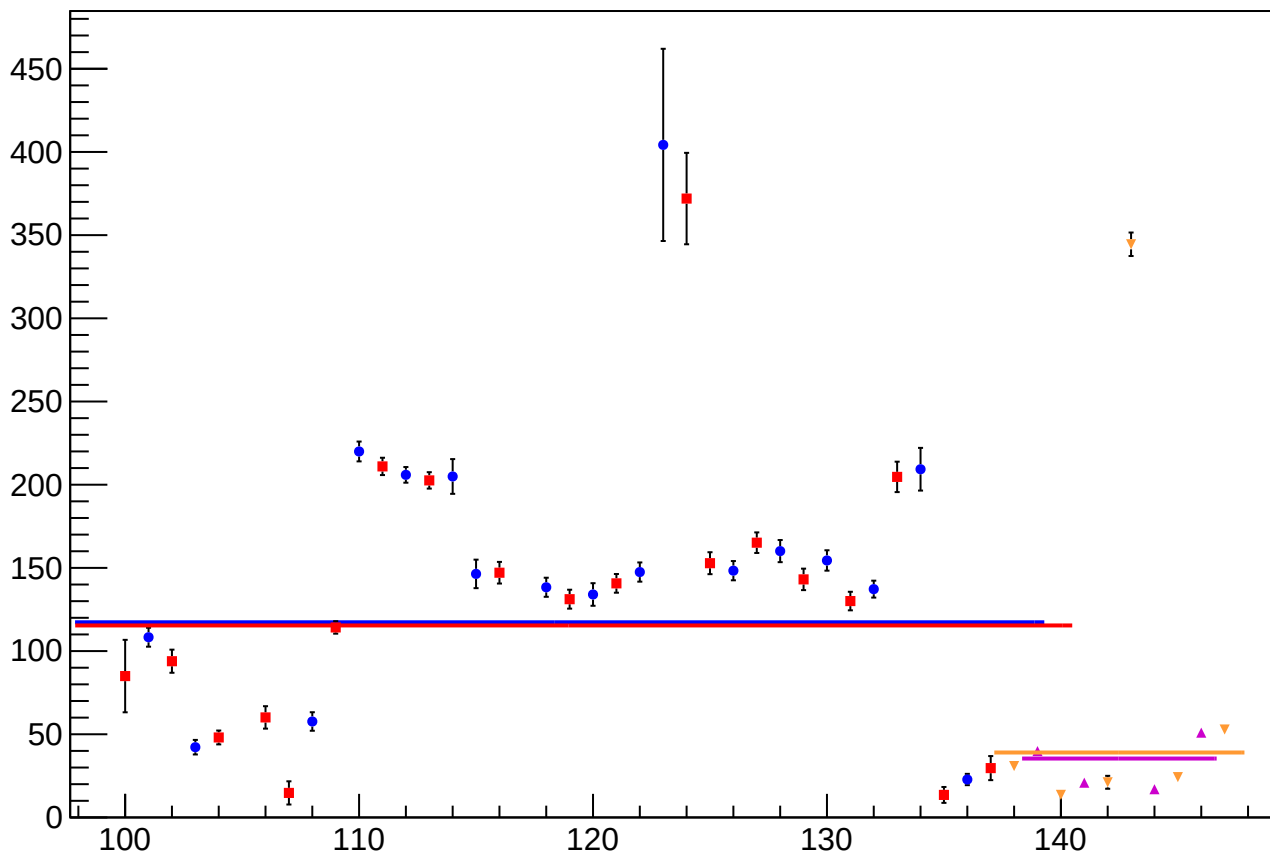
Left In: -1.538 ± 0.844 χ^2/NDF : 31.4/3

+ sign -3.895 ± 0.530 χ^2/NDF : 357.1/22

All: -4.266 ± 0.387 χ^2/NDF : 672.1/45

- sign -4.690 ± 0.566 χ^2/NDF : 314.0/22

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.302 $\pm$ 1.409 χ^2 /NDF: 2161.3/16

Left Out: 39.040 $\pm$ 1.081 χ^2 /NDF:2106.0/5

Right Out: 115.405 $\pm$ 1.361 χ^2 /NDF: 2150.5/18

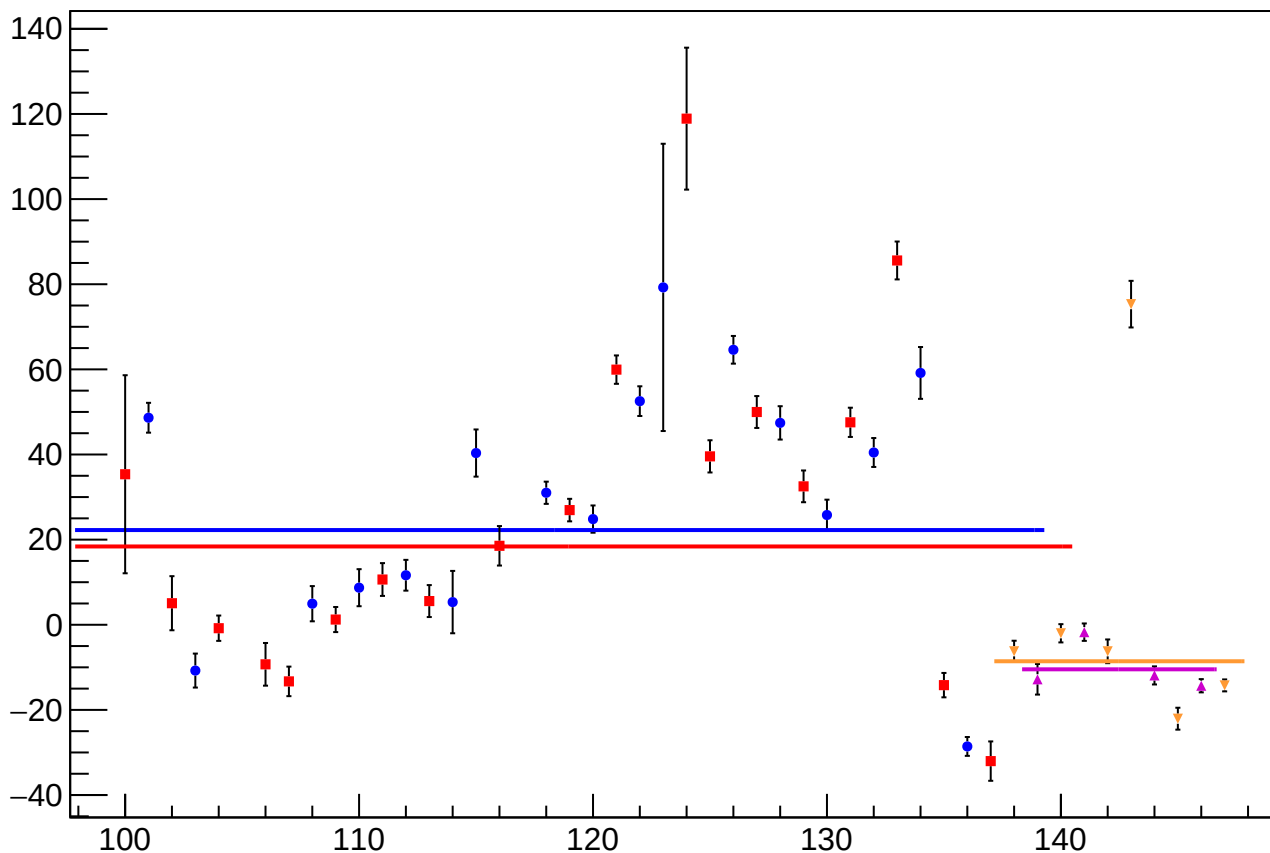
Left In: 35.406 $\pm$ 1.158 χ^2 /NDF:144.9/3

+ sign 68.059 $\pm$ 0.858 χ^2 /NDF: 6209.6/22

All: 68.521 $\pm$ 0.615 χ^2 /NDF: 10510.5/45

- sign 69.010 $\pm$ 0.882 χ^2 /NDF: 4300.3/22

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.250 $\pm$ 0.889 χ^2 /NDF: 1071.4/16

Left Out: -8.574 $\pm$ 0.913 χ^2 /NDF: 289.5/5

Right Out: 18.395 $\pm$ 0.872 χ^2 /NDF: 1077.1/18

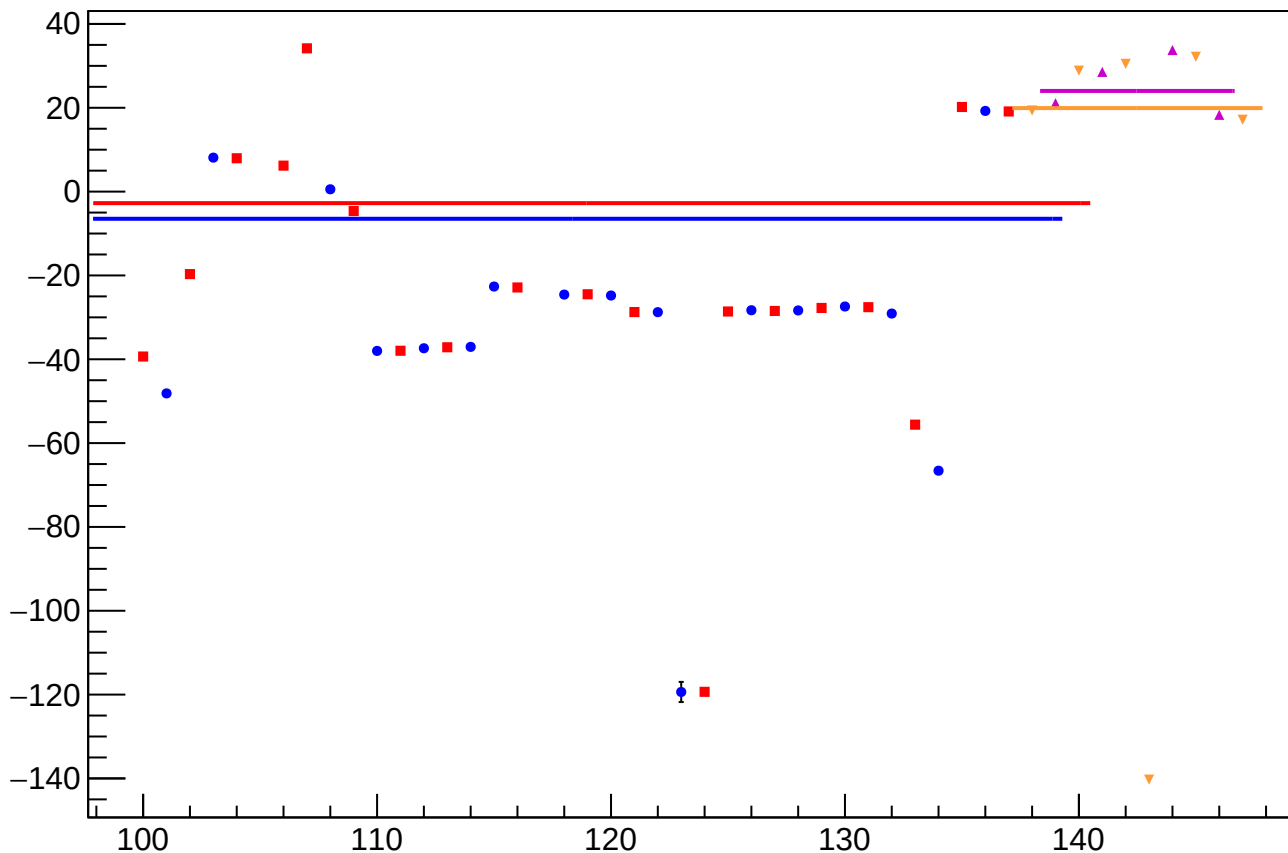
Left In: -10.467 $\pm$ 1.026 χ^2 /NDF: 25.2/3

+ sign 7.241 $\pm$ 0.637 χ^2 /NDF: 1946.1/22

All: 6.789 $\pm$ 0.460 χ^2 /NDF: 3508.9/45

- sign 6.297 $\pm$ 0.664 χ^2 /NDF: 1561.7/22

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482 ± 0.046 $\chi^2/\text{NDF}: 265804.1/16$

Left Out: 19.925 ± 0.046 $\chi^2/\text{NDF}: 346618.6/5$

Right Out: -2.751 ± 0.046 $\chi^2/\text{NDF}: 266291.4/18$

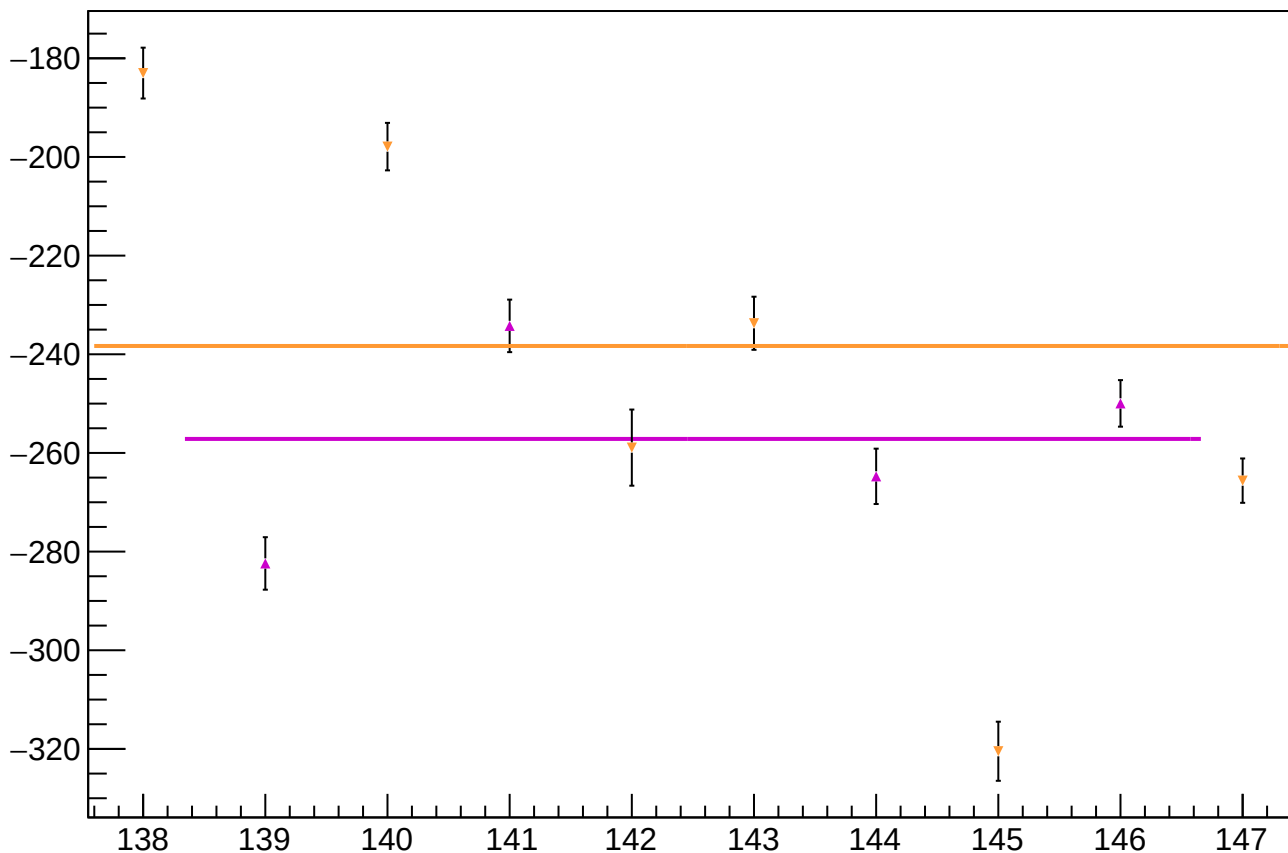
Left In: 24.018 ± 0.047 $\chi^2/\text{NDF}: 14087.8/3$

+ sign 6.912 ± 0.032 $\chi^2/\text{NDF}: 778396.9/22$

All: 8.522 ± 0.023 $\chi^2/\text{NDF}: 1229621.6/45$

- sign 10.176 ± 0.033 $\chi^2/\text{NDF}: 446221.1/22$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -238.317+/-2.185 χ^2/NDF : 418.5/5

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

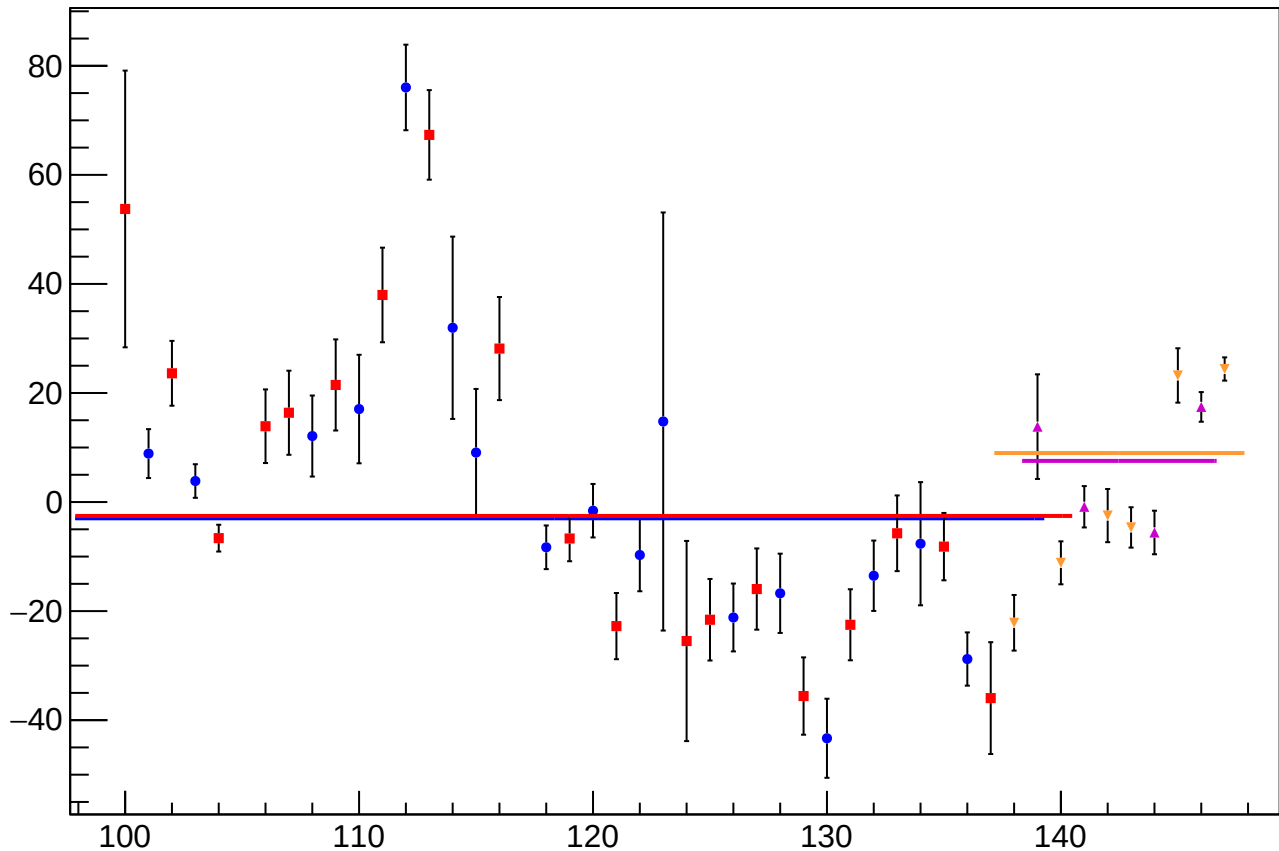
Left In: -257.160+/-2.606 χ^2/NDF : 45.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.097+/-1.674 χ^2/NDF : 494.4/9

- 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: 8.986 ± 1.446 χ^2/NDF : 142.9/5

Right Out: -2.548 ± 1.399 χ^2/NDF : 218.1/18

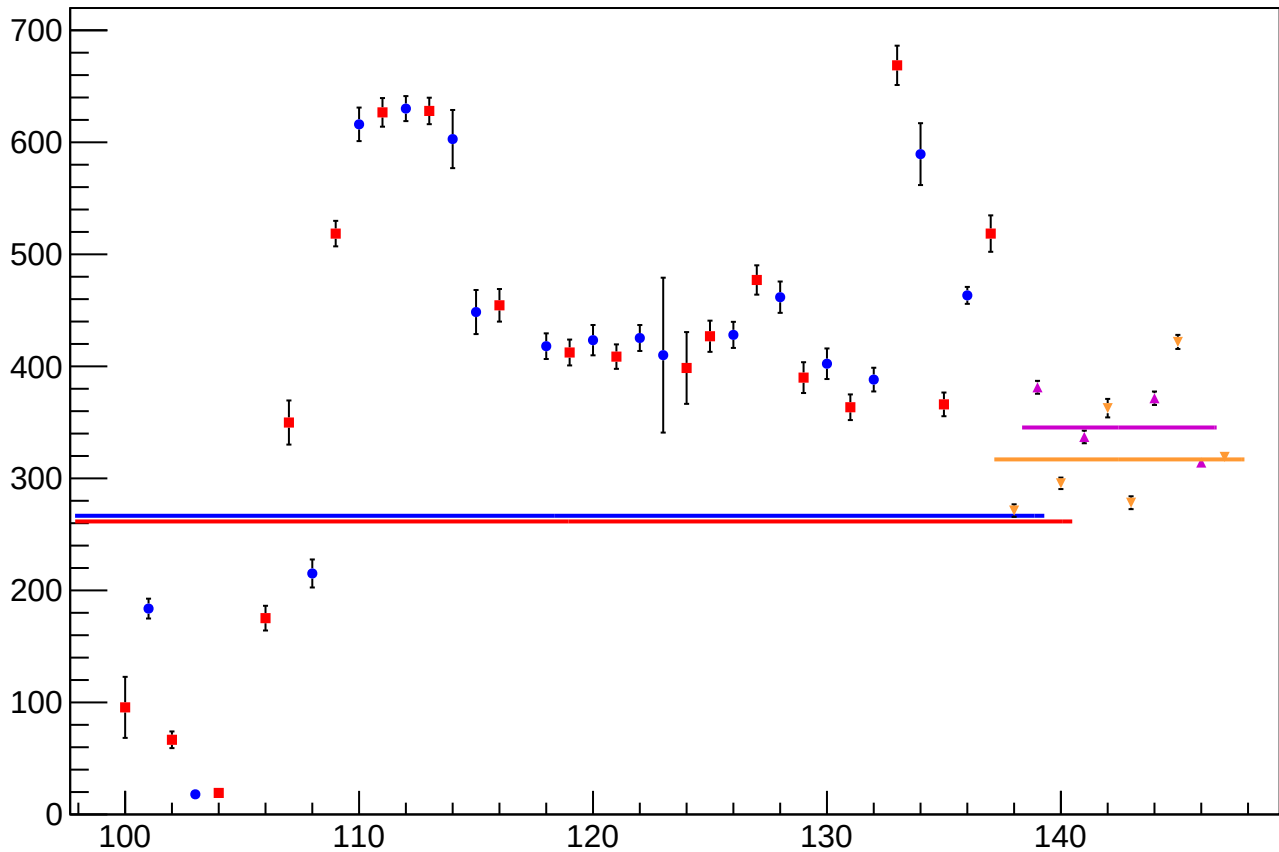
Left In: 7.546 ± 1.896 χ^2/NDF : 29.4/3

+ sign 3.021 ± 1.024 χ^2/NDF : 381.0/22

All: 2.110 ± 0.757 χ^2/NDF : 648.6/45

- sign 1.010 ± 1.125 χ^2/NDF : 265.9/22

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 ± 2.477 χ^2/NDF : 7662.7/16

Left Out: 316.936 ± 2.253 χ^2/NDF : 438.1/5

Right Out: 261.551 ± 2.458 χ^2/NDF : 8208.2/18

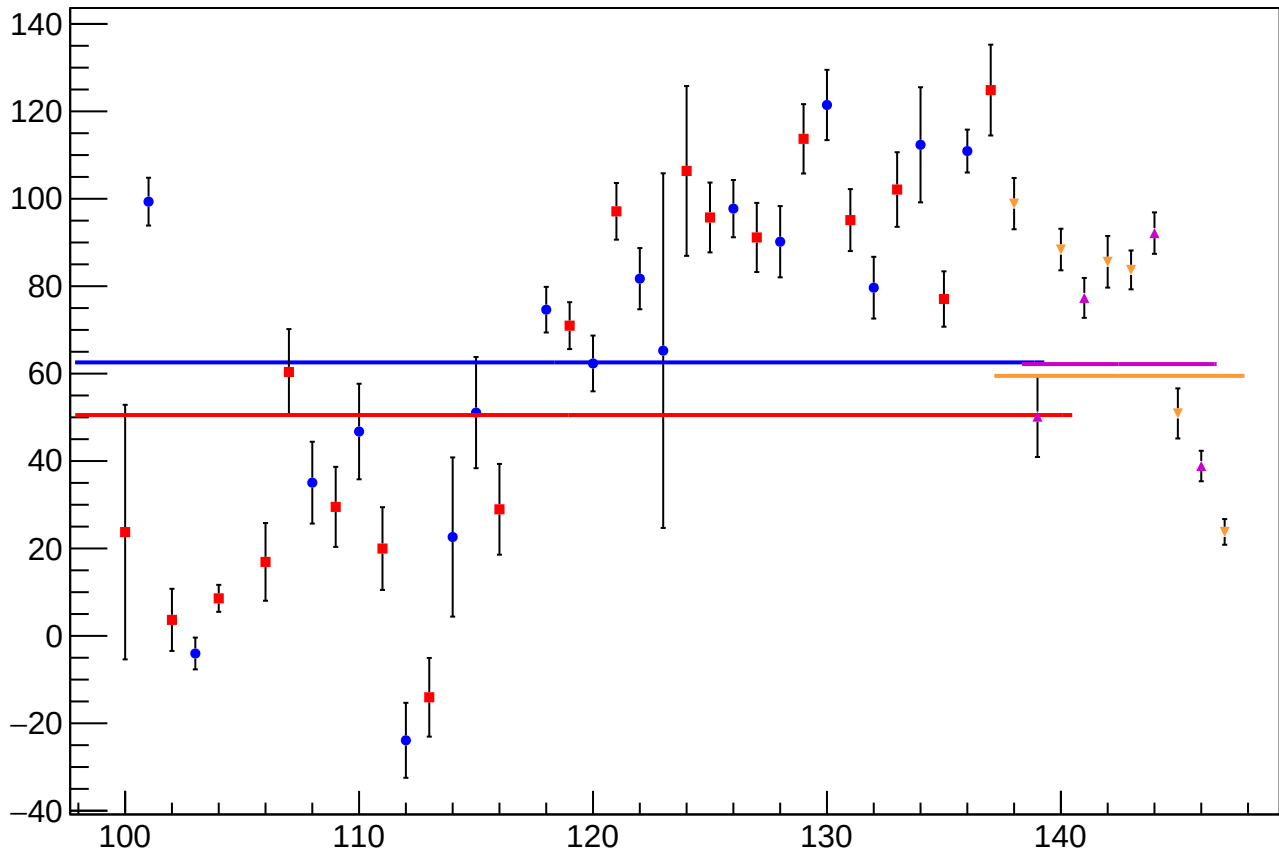
Left In: 345.432 ± 2.688 χ^2/NDF : 108.2/3

+ sign 294.163 ± 1.667 χ^2/NDF : 8326.6/22

All: 296.718 ± 1.227 χ^2/NDF : 17178.5/45

- sign 299.744 ± 1.814 χ^2/NDF : 8846.7/22

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 ± 1.678 $\chi^2/\text{NDF}: 722.4/16$

Left Out: 59.482 ± 1.830 $\chi^2/\text{NDF}: 281.1/5$

Right Out: 50.526 ± 1.643 $\chi^2/\text{NDF}: 657.0/18$

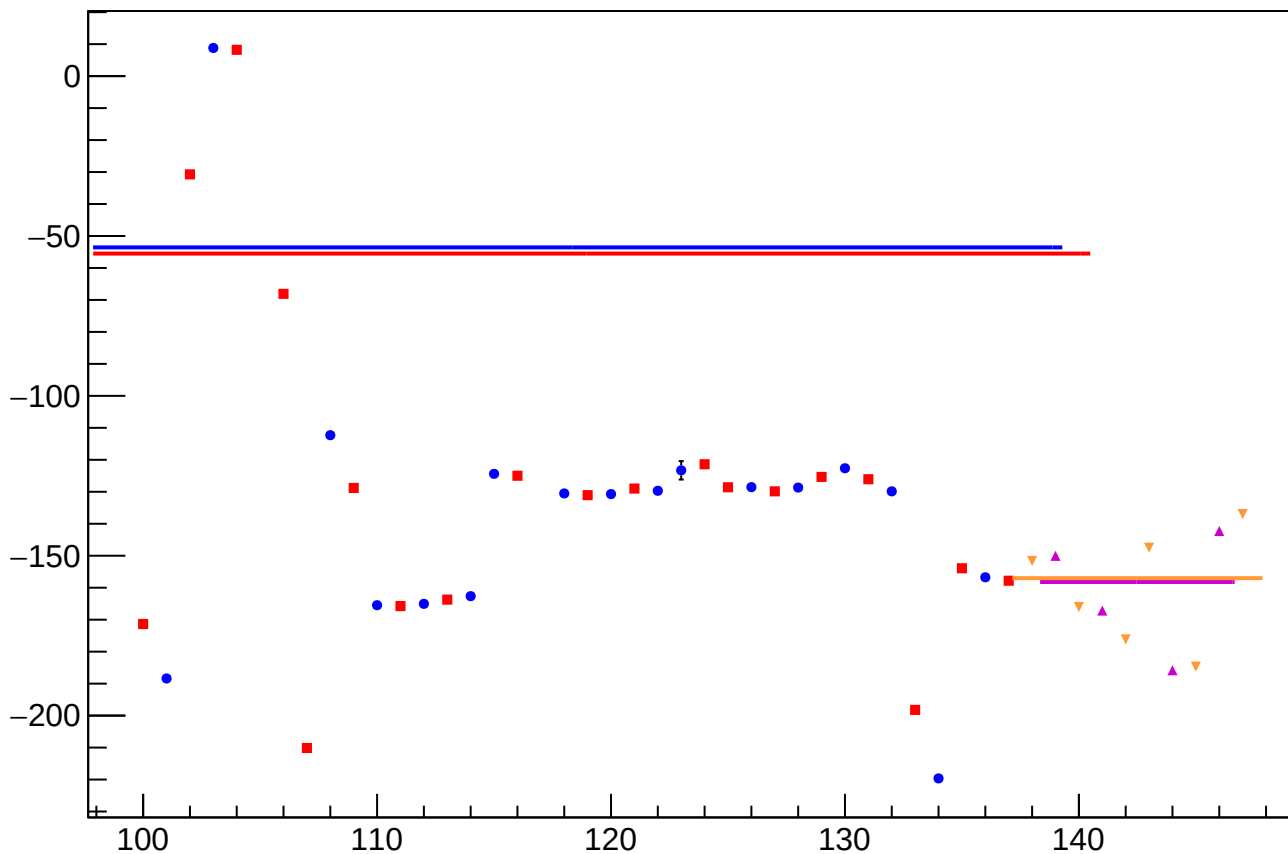
Left In: 62.186 ± 2.316 $\chi^2/\text{NDF}: 97.3/3$

+ sign 61.157 ± 1.237 $\chi^2/\text{NDF}: 1005.1/22$

All: 58.064 ± 0.909 $\chi^2/\text{NDF}: 1789.9/45$

- sign 54.430 ± 1.340 $\chi^2/\text{NDF}: 771.2/22$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 χ^2/NDF : 1230233.3/16

Left Out: -157.017 ± 0.095 χ^2/NDF : 29918.6/5

Right Out: -55.502 ± 0.072 χ^2/NDF : 969632.0/18

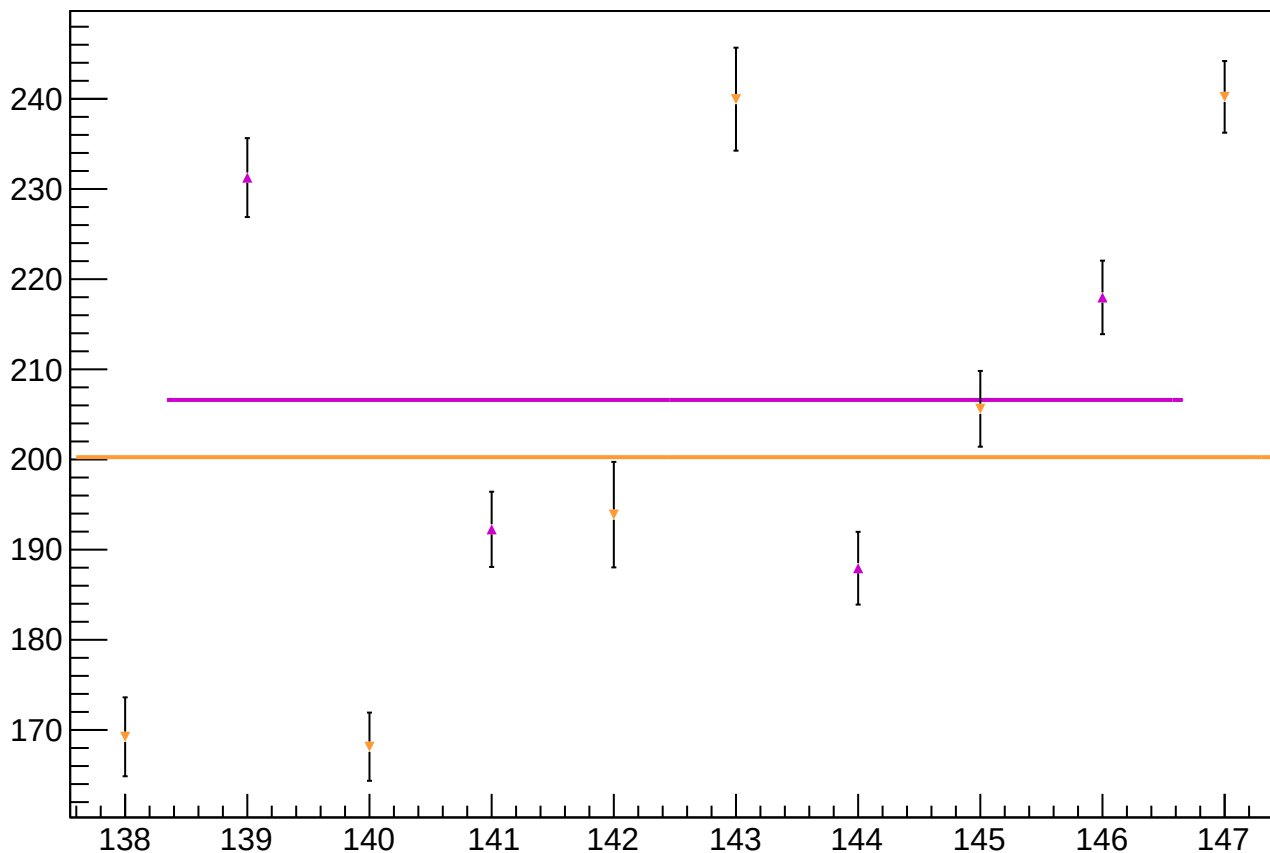
Left In: -158.218 ± 0.111 χ^2/NDF : 20100.3/3

+ sign -89.959 ± 0.057 χ^2/NDF : 2022496.1/22

All: -88.024 ± 0.041 χ^2/NDF : 3617048.6/45

- sign -85.822 ± 0.060 χ^2/NDF : 1592051.9/22

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 200.259+/-1.820 χ^2/NDF : 274.6/5

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

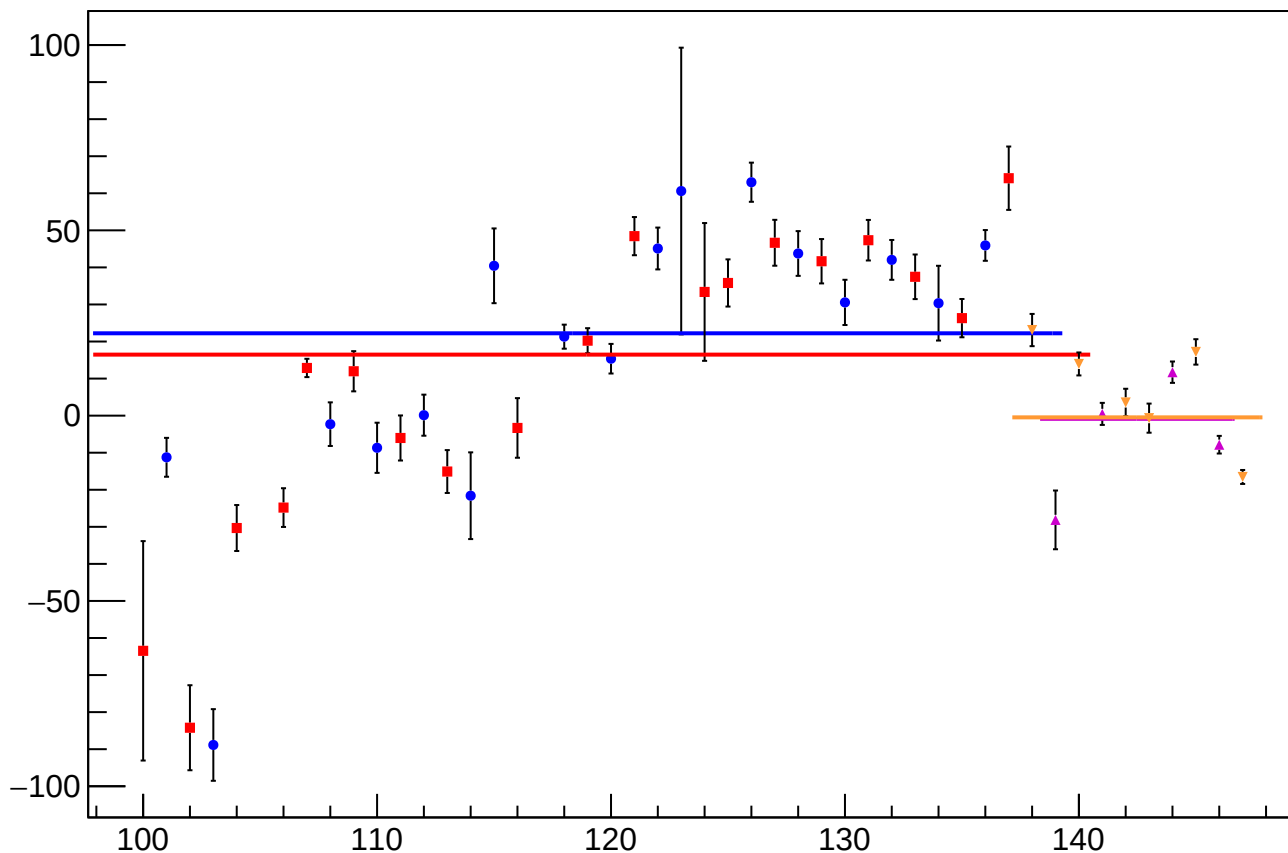
Left In: 206.604+/-2.080 χ^2/NDF : 72.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.011+/-1.370 χ^2/NDF : 352.6/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 $\pm$ 1.374 χ^2 /NDF: 385.6/16

Left Out: -0.464 $\pm$ 1.229 χ^2 /NDF:151.5/5

Right Out: 16.466 $\pm$ 1.230 χ^2 /NDF: 425.9/18

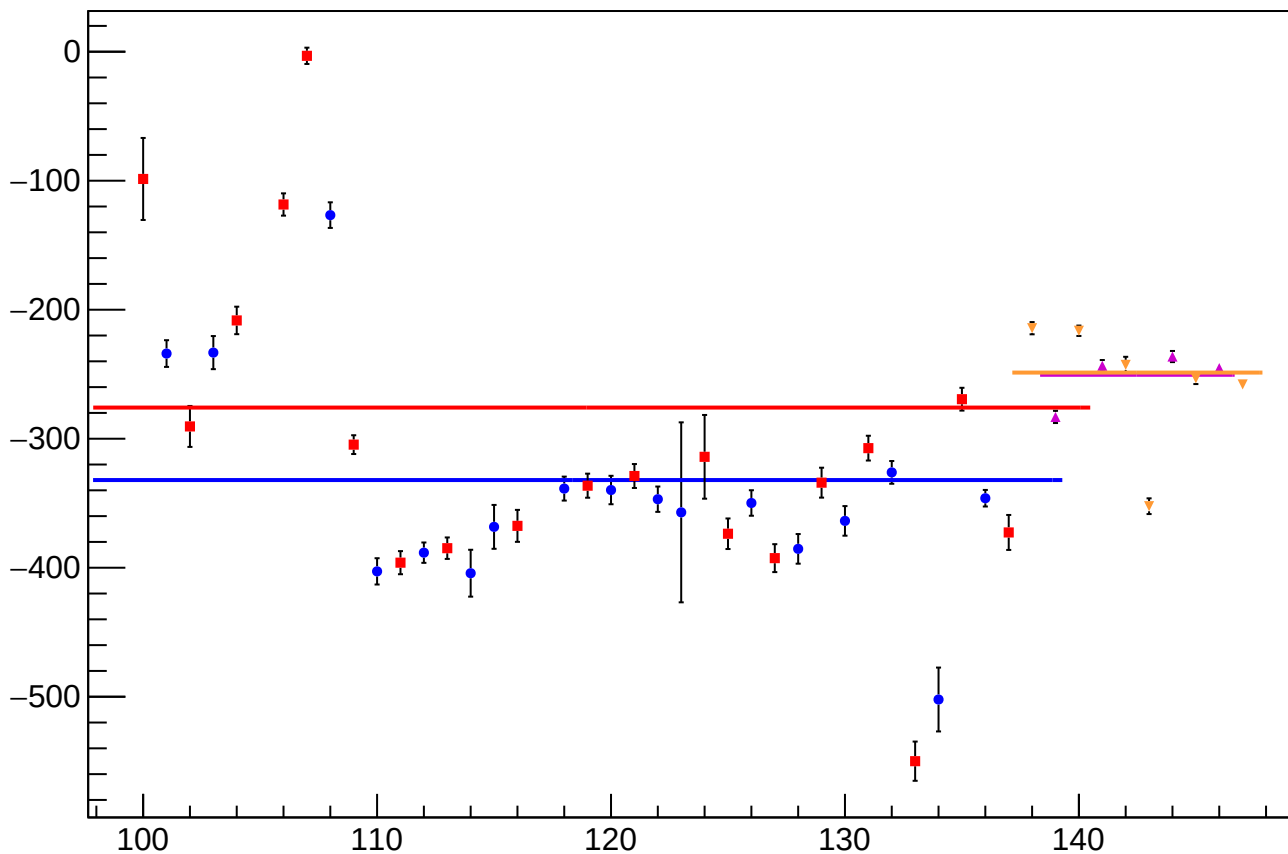
Left In: -0.863 $\pm$ 1.532 χ^2 /NDF:39.7/3

+ sign 9.624 $\pm$ 0.916 χ^2 /NDF: 688.5/22

All: 9.649 $\pm$ 0.662 χ^2 /NDF: 1232.0/45

- sign 9.678 $\pm$ 0.959 χ^2 /NDF: 543.4/22

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 ± 2.562 $\chi^2/\text{NDF}: 784.9/16$

Left Out: -248.725 ± 1.885 $\chi^2/\text{NDF}: 414.1/5$

Right Out: -275.853 ± 2.324 $\chi^2/\text{NDF}: 3362.8/18$

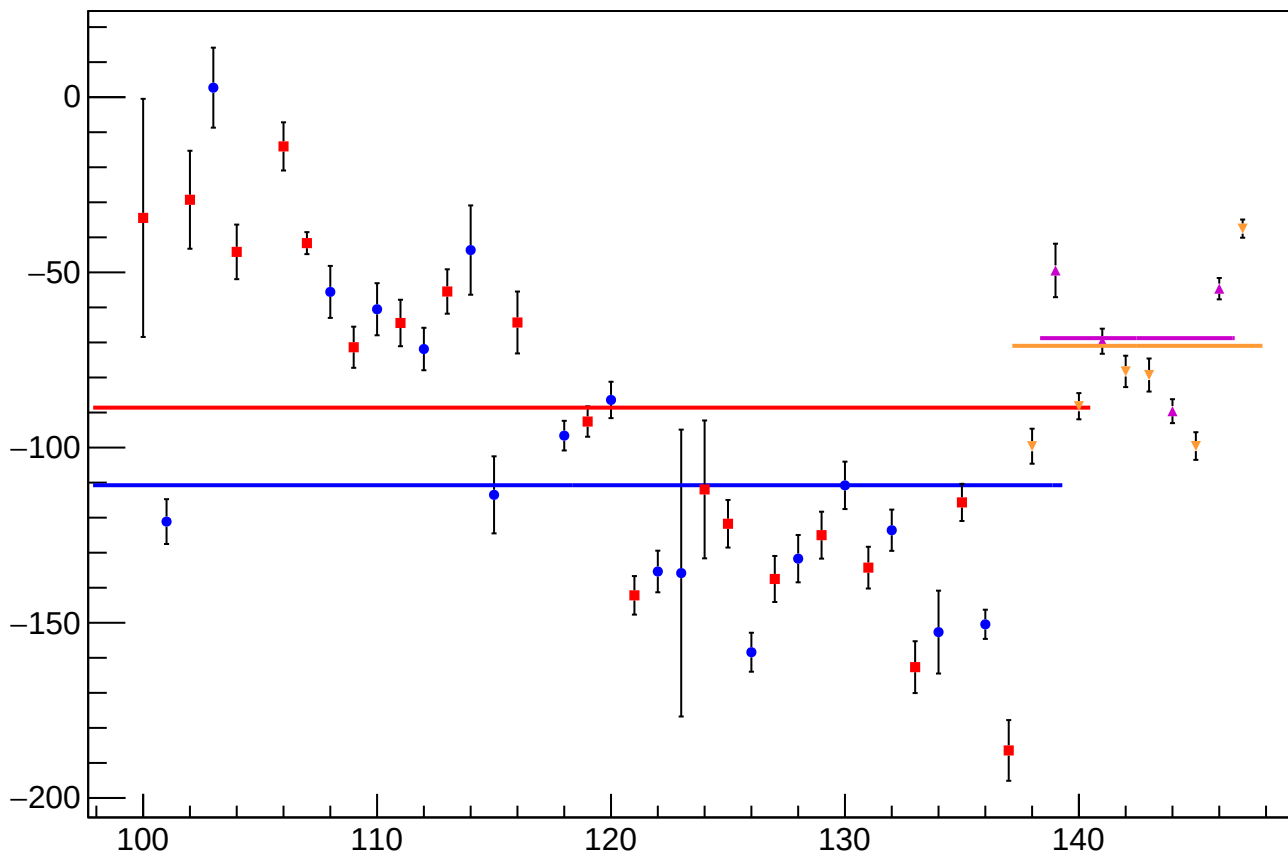
Left In: -250.441 ± 2.157 $\chi^2/\text{NDF}: 62.6/3$

+ sign -277.980 ± 1.518 $\chi^2/\text{NDF}: 1885.2/22$

All: -270.411 ± 1.095 $\chi^2/\text{NDF}: 5426.6/45$

- sign -262.200 ± 1.581 $\chi^2/\text{NDF}: 3489.6/22$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -110.745 ± 1.578 χ^2/NDF : 513.4/16

Left Out: -70.963 ± 1.545 χ^2/NDF : 278.2/5

Right Out: -88.600 ± 1.435 χ^2/NDF : 969.7/18

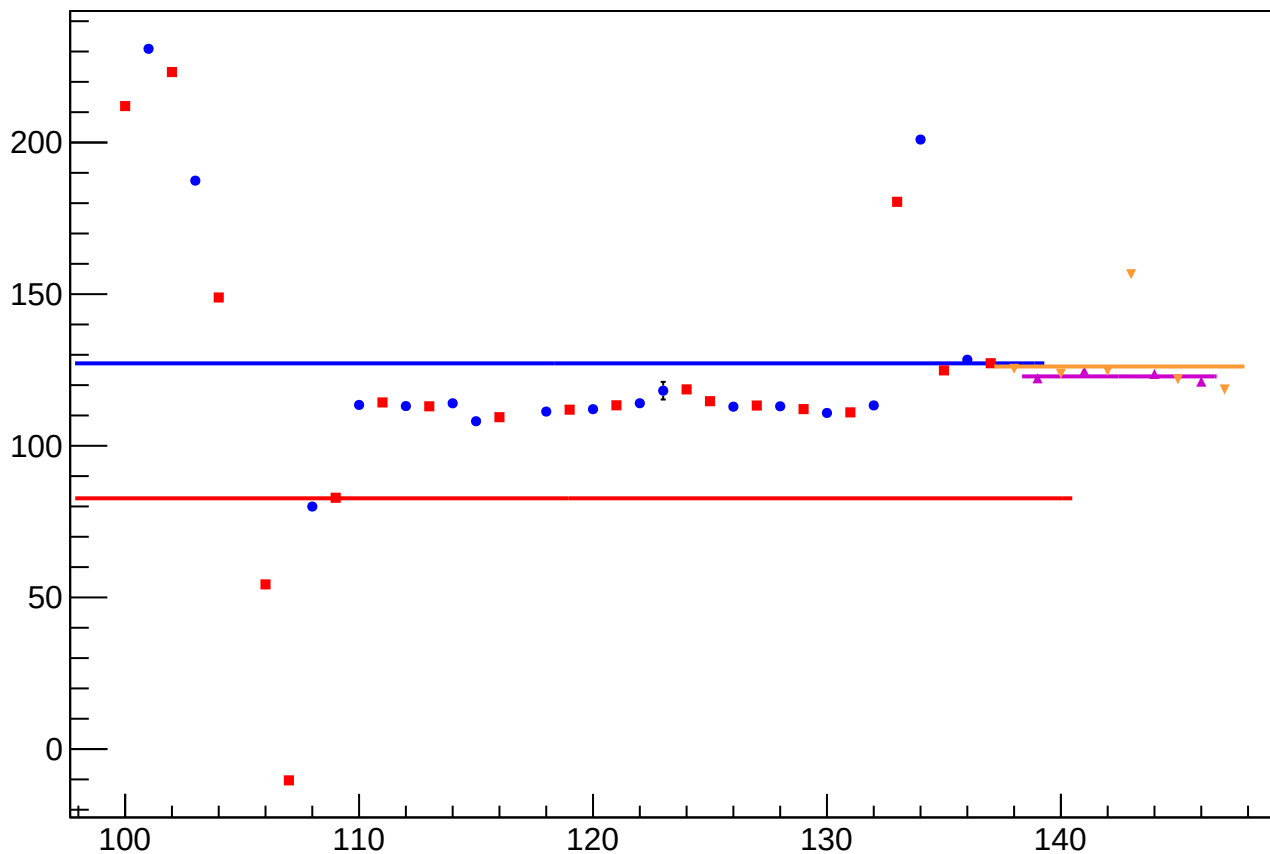
Left In: -68.765 ± 1.860 χ^2/NDF : 65.3/3

+ sign -90.442 ± 1.104 χ^2/NDF : 1116.1/22

All: -85.955 ± 0.792 χ^2/NDF : 2256.4/45

- sign -81.203 ± 1.136 χ^2/NDF : 1106.3/22

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179+/-0.089 χ^2/NDF : 188050.9/16

Left Out: 126.145+/-0.079 χ^2/NDF : 18132.2/5

Right Out: 82.684+/-0.075 χ^2/NDF : 765716.0/18

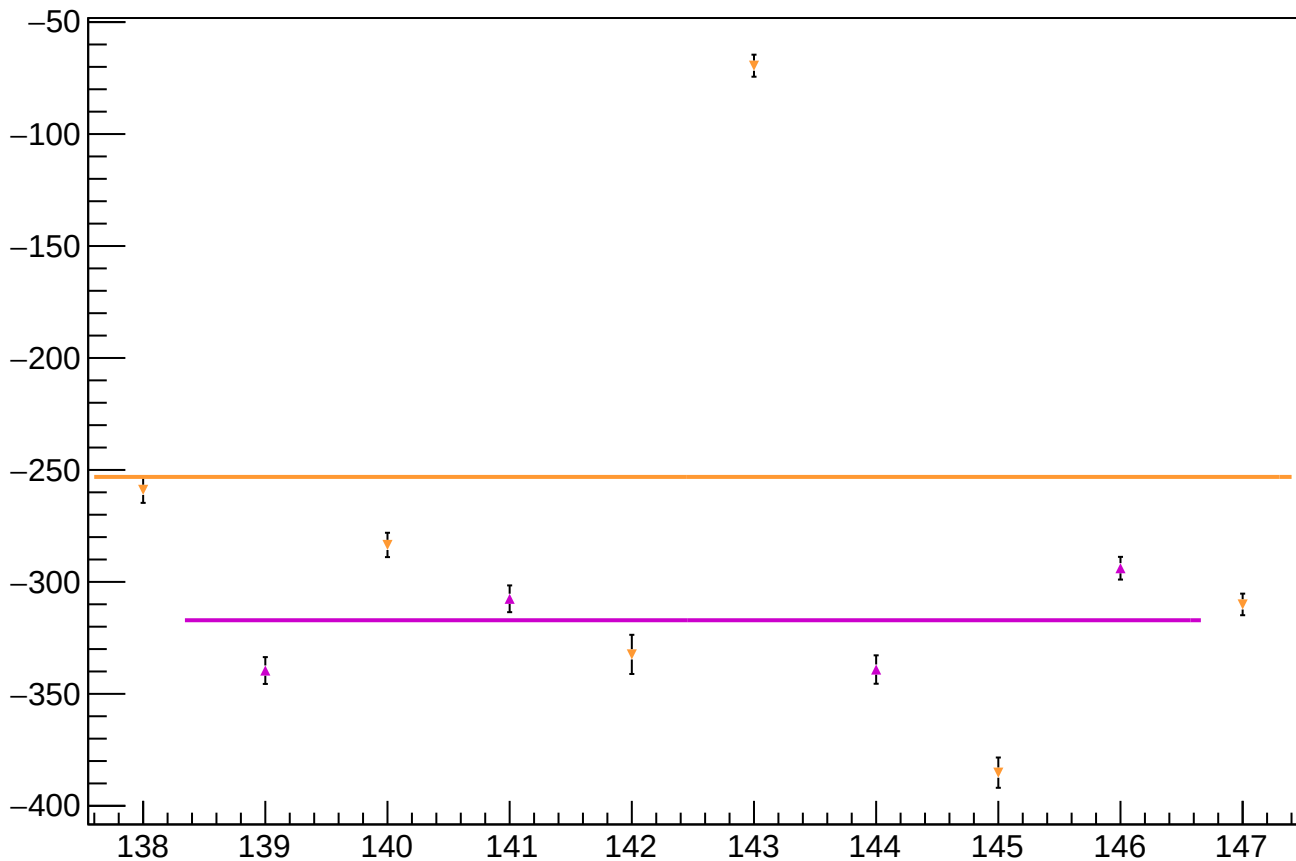
Left In: 122.883+/-0.089 χ^2/NDF : 215.8/3

+ sign 126.603+/-0.059 χ^2/NDF : 206258.2/22

All: 112.603+/-0.041 χ^2/NDF : 1199129.6/45

- sign 99.409+/-0.058 χ^2/NDF : 884508.0/22

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -253.115+/-2.340 χ^2/NDF : 2026.5/5

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

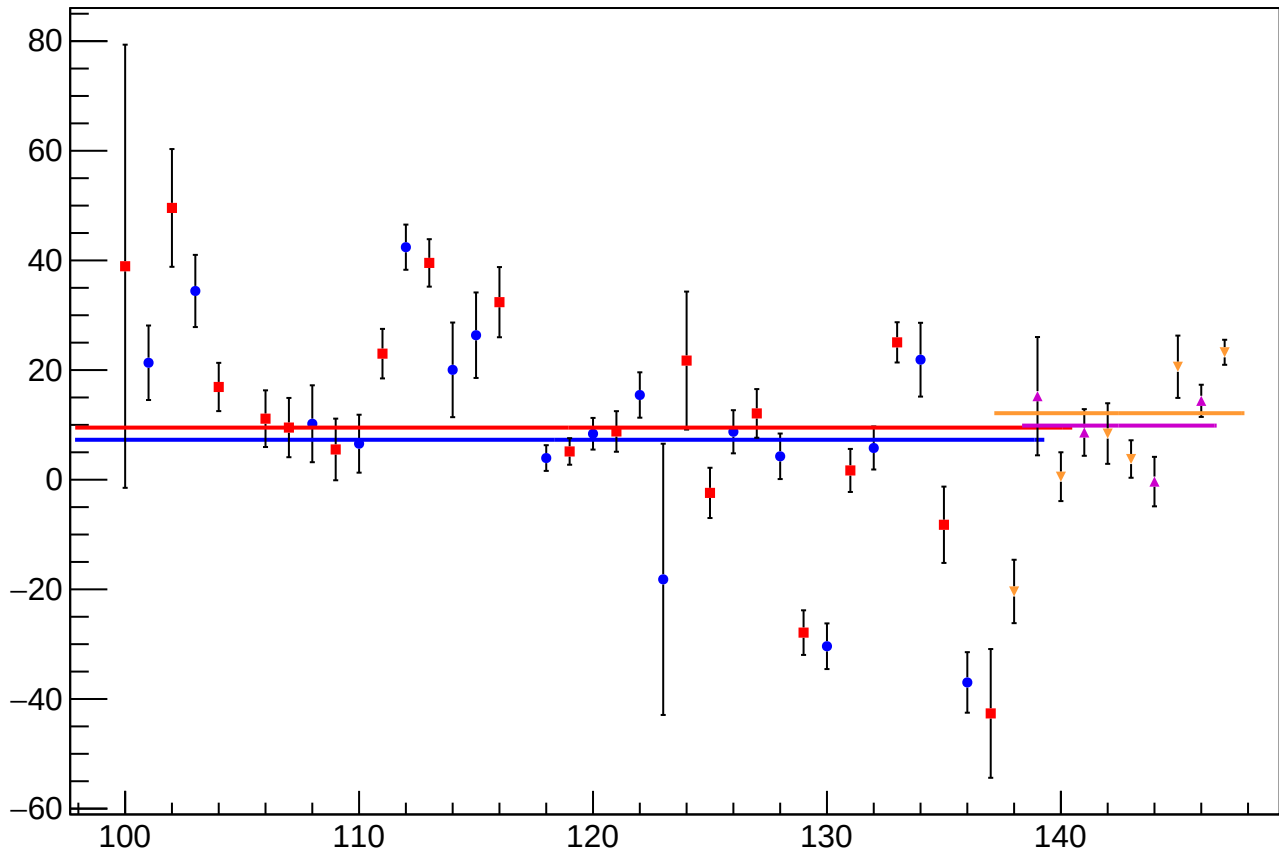
Left In: -317.124+/-2.891 χ^2/NDF : 49.7/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.450+/-1.819 χ^2/NDF : 2372.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.284 ± 1.084 χ^2/NDF : 261.0/16

Left Out: 12.132 ± 1.541 χ^2/NDF : 70.7/5

Right Out: 9.505 ± 1.074 χ^2/NDF : 231.5/18

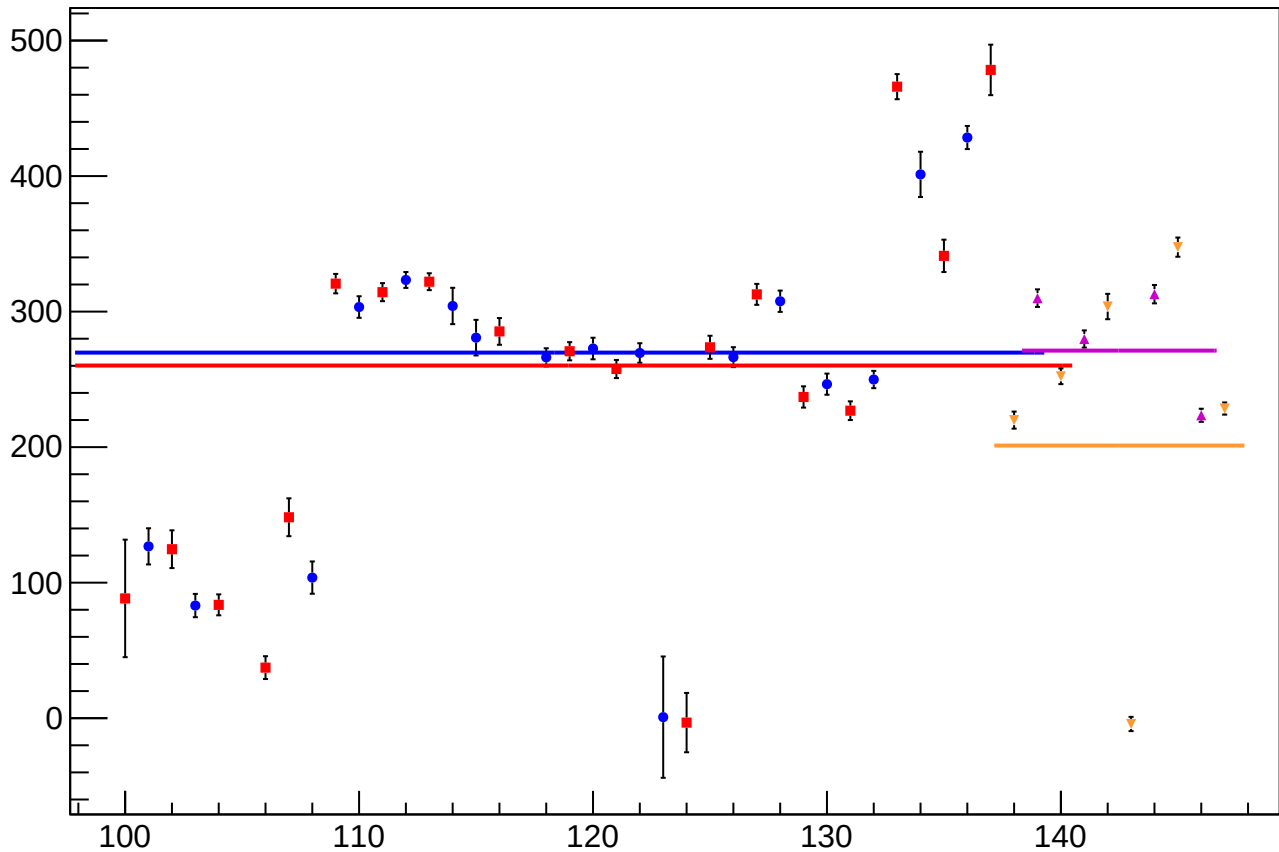
Left In: 9.870 ± 2.090 χ^2/NDF : 7.8/3

+ sign 8.889 ± 0.886 χ^2/NDF : 338.4/22

All: 9.209 ± 0.650 χ^2/NDF : 578.0/45

- sign 9.581 ± 0.956 χ^2/NDF : 239.4/22

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.748 $\pm$ 2.071 χ^2 /NDF: 1374.1/16

Left Out: 201.166 $\pm$ 2.412 χ^2 /NDF: 2199.1/5

Right Out: 260.206 $\pm$ 1.978 χ^2 /NDF: 2541.6/18

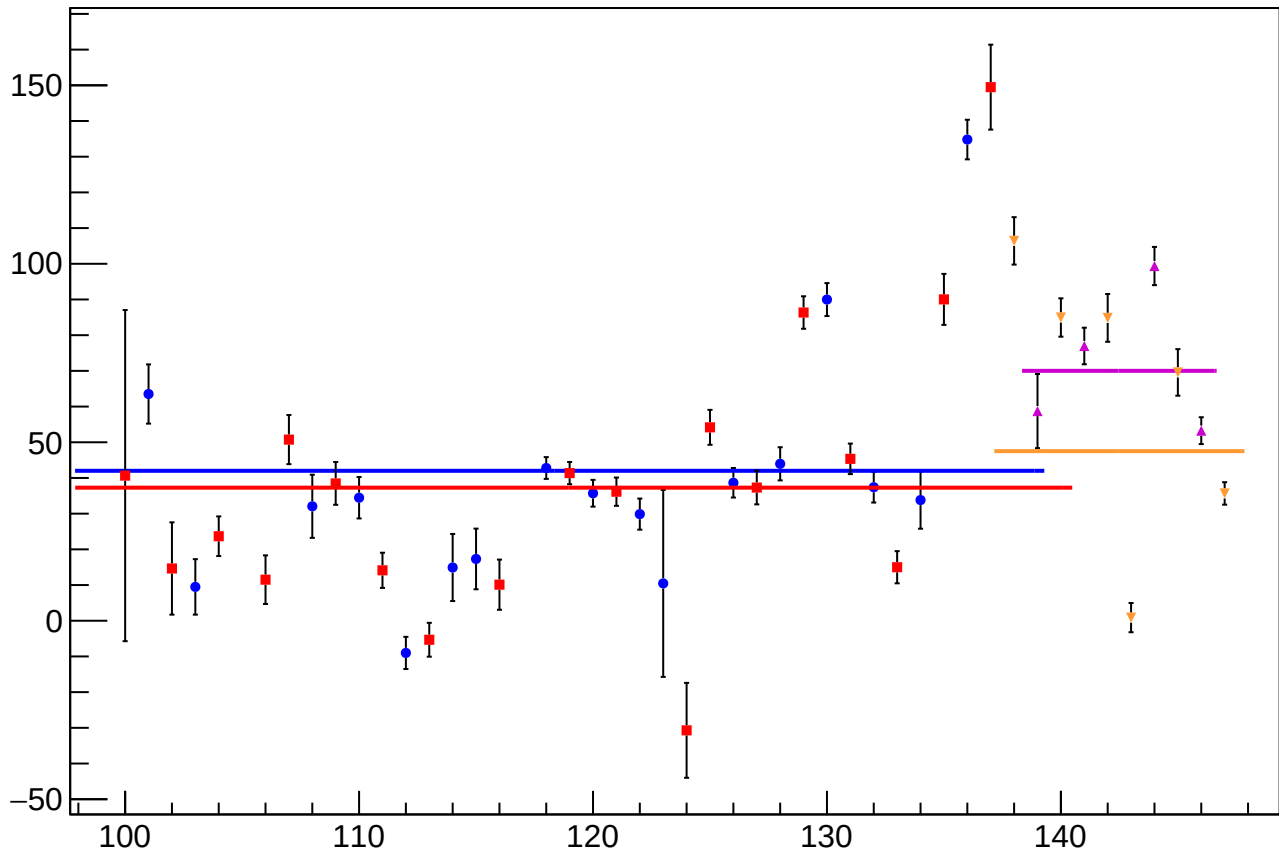
Left In: 271.228 $\pm$ 2.976 χ^2 /NDF: 172.2/3

+ sign 240.634 $\pm$ 1.571 χ^2 /NDF: 4038.5/22

All: 251.567 $\pm$ 1.137 χ^2 /NDF: 6863.5/45

- sign 263.583 $\pm$ 1.647 χ^2 /NDF: 2723.3/22

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 ± 1.255 $\chi^2/\text{NDF}: 575.6/16$

Left Out: 47.512 ± 1.947 $\chi^2/\text{NDF}: 313.8/5$

Right Out: 37.284 ± 1.237 $\chi^2/\text{NDF}: 472.6/18$

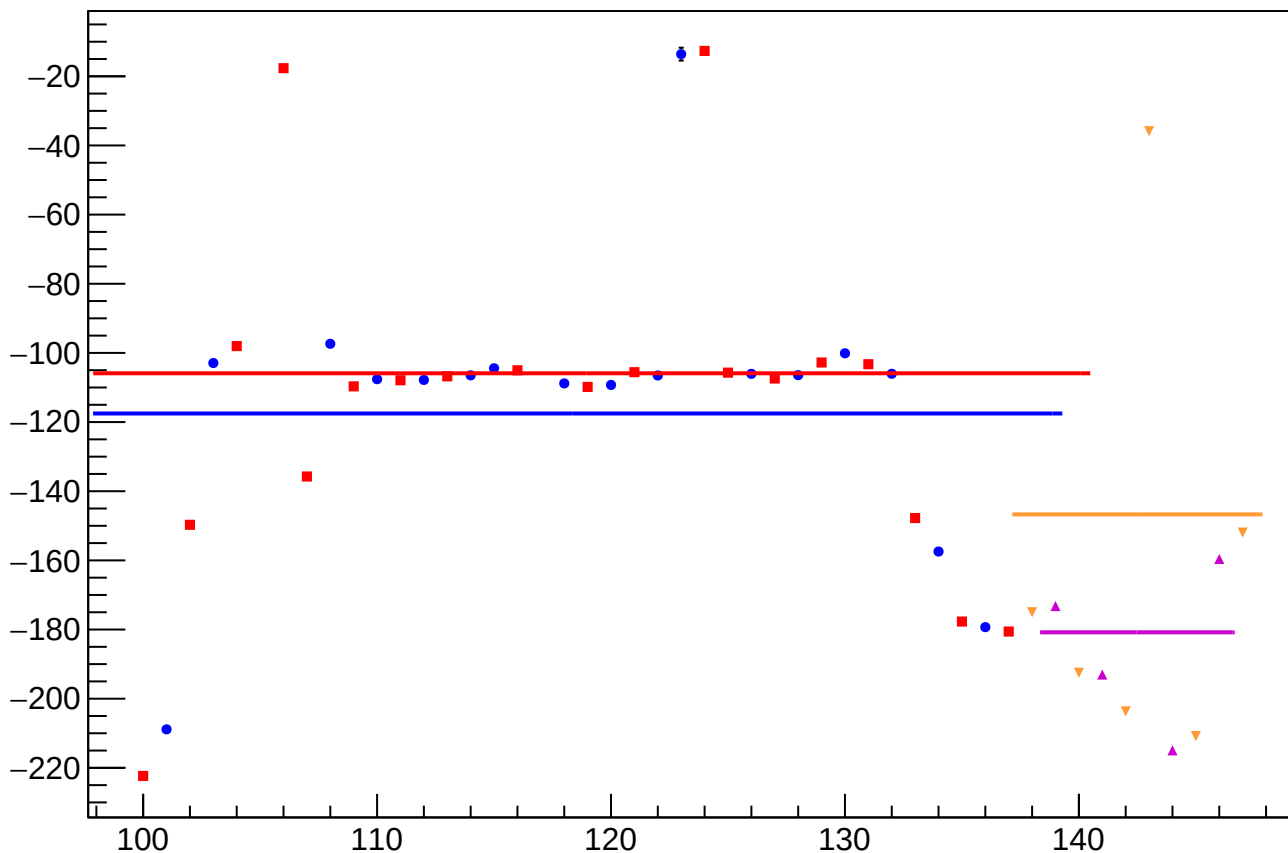
Left In: 70.010 ± 2.558 $\chi^2/\text{NDF}: 52.9/3$

+ sign 43.623 ± 1.055 $\chi^2/\text{NDF}: 895.0/22$

All: 43.559 ± 0.766 $\chi^2/\text{NDF}: 1553.2/45$

- sign 43.488 ± 1.114 $\chi^2/\text{NDF}: 658.2/22$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.516+/-0.078 χ^2/NDF : 142016.6/16

Left Out: -146.699+/-0.102 χ^2/NDF : 398960.3/5

Right Out: -105.892+/-0.073 χ^2/NDF : 324304.4/18

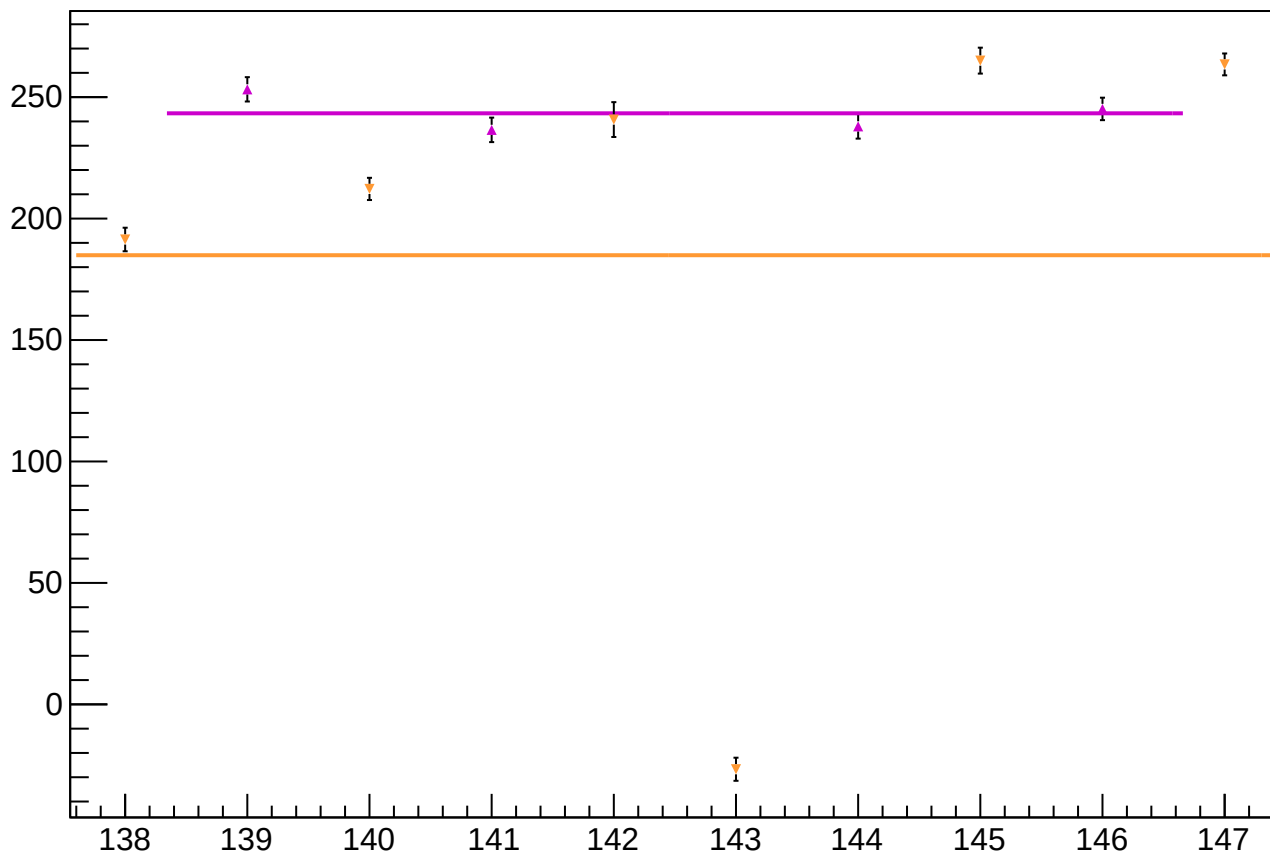
Left In: -180.805+/-0.123 χ^2/NDF : 25596.3/3

+ sign -128.294+/-0.062 χ^2/NDF : 592671.7/22

All: -126.783+/-0.044 χ^2/NDF : 1217200.3/45

- sign -125.236+/-0.063 χ^2/NDF : 623325.0/22

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 184.915+/-2.047 χ^2/NDF : 2609.5/5

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

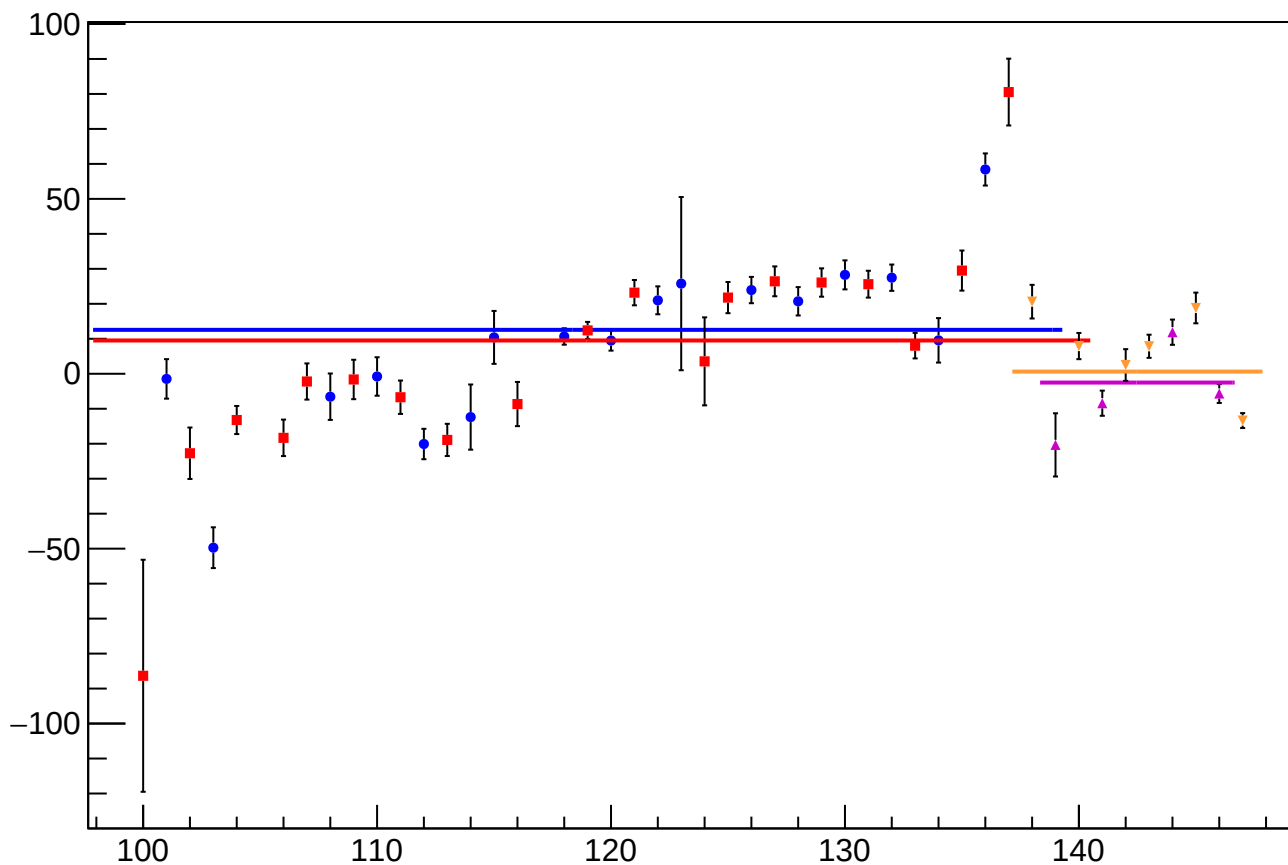
Left In: 243.338+/-2.462 χ^2/NDF : 7.0/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.799+/-1.574 χ^2/NDF : 2949.5/9

- 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 $\chi^2/\text{NDF}: 347.7/16$

Left Out: 0.625 ± 1.378 $\chi^2/\text{NDF}: 86.4/5$

Right Out: 9.519 ± 1.051 $\chi^2/\text{NDF}: 296.2/18$

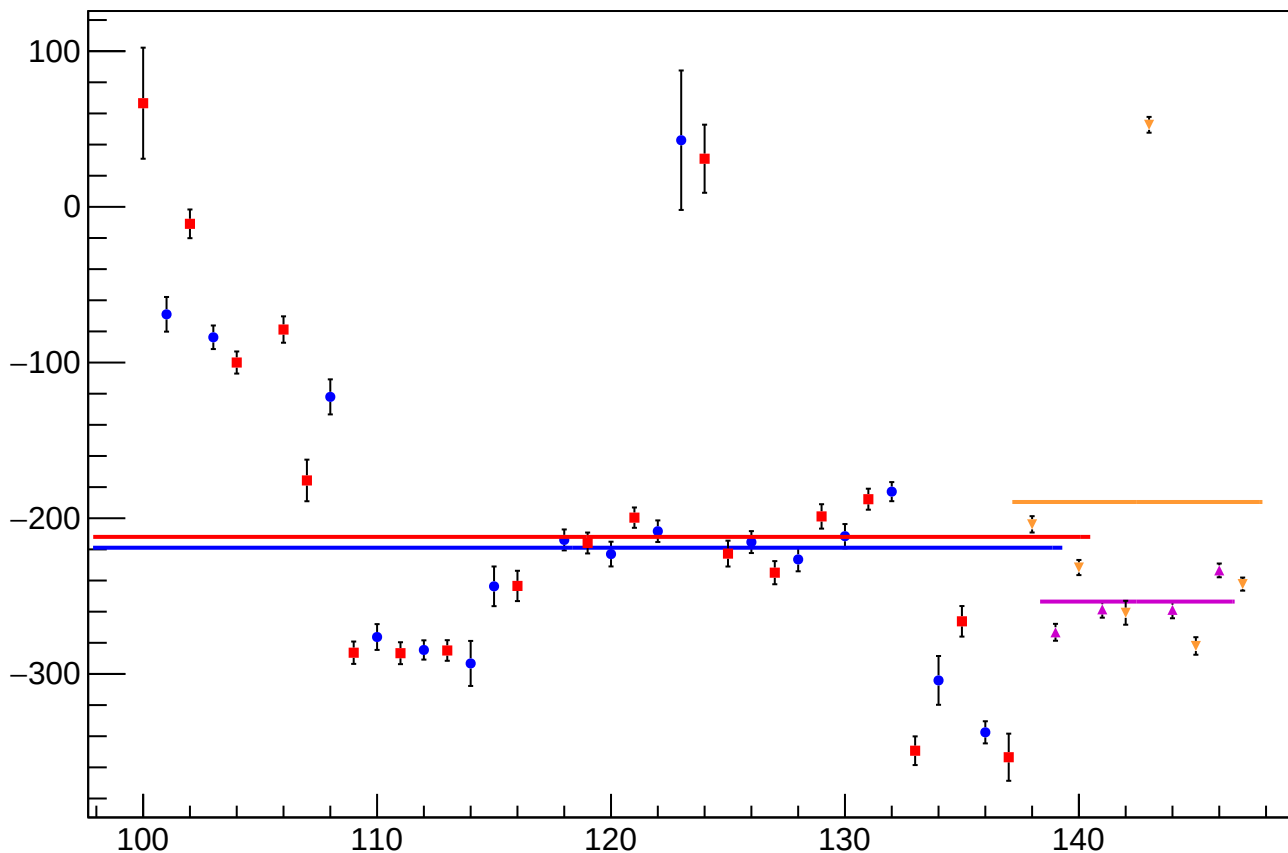
Left In: -2.514 ± 1.814 $\chi^2/\text{NDF}: 23.9/3$

+ sign 8.148 ± 0.838 $\chi^2/\text{NDF}: 481.4/22$

All: 7.389 ± 0.616 $\chi^2/\text{NDF}: 836.2/45$

- sign 6.496 ± 0.909 $\chi^2/\text{NDF}: 353.1/22$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 χ^2/NDF : 1146.6/16

Left Out: -189.552 ± 2.121 χ^2/NDF : 2873.4/5

Right Out: -211.968 ± 1.924 χ^2/NDF : 1886.2/18

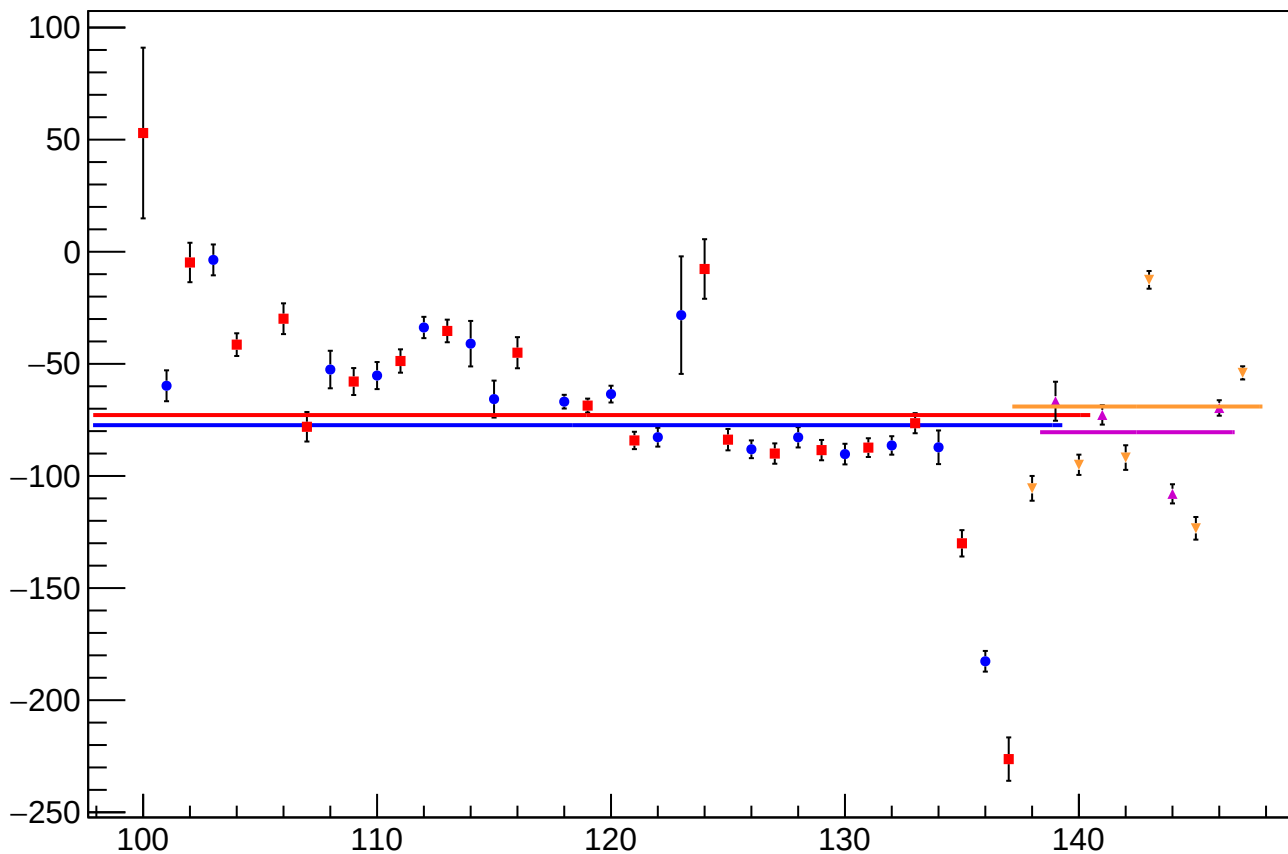
Left In: -253.521 ± 2.547 χ^2/NDF : 35.6/3

+ sign -205.053 ± 1.457 χ^2/NDF : 4121.3/22

All: -215.485 ± 1.057 χ^2/NDF : 6320.6/45

- sign -227.067 ± 1.535 χ^2/NDF : 2091.2/22

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.342 ± 1.219 χ^2/NDF : 817.2/16

Left Out: -69.023 ± 1.731 χ^2/NDF : 440.0/5

Right Out: -72.836 ± 1.209 χ^2/NDF : 672.9/18

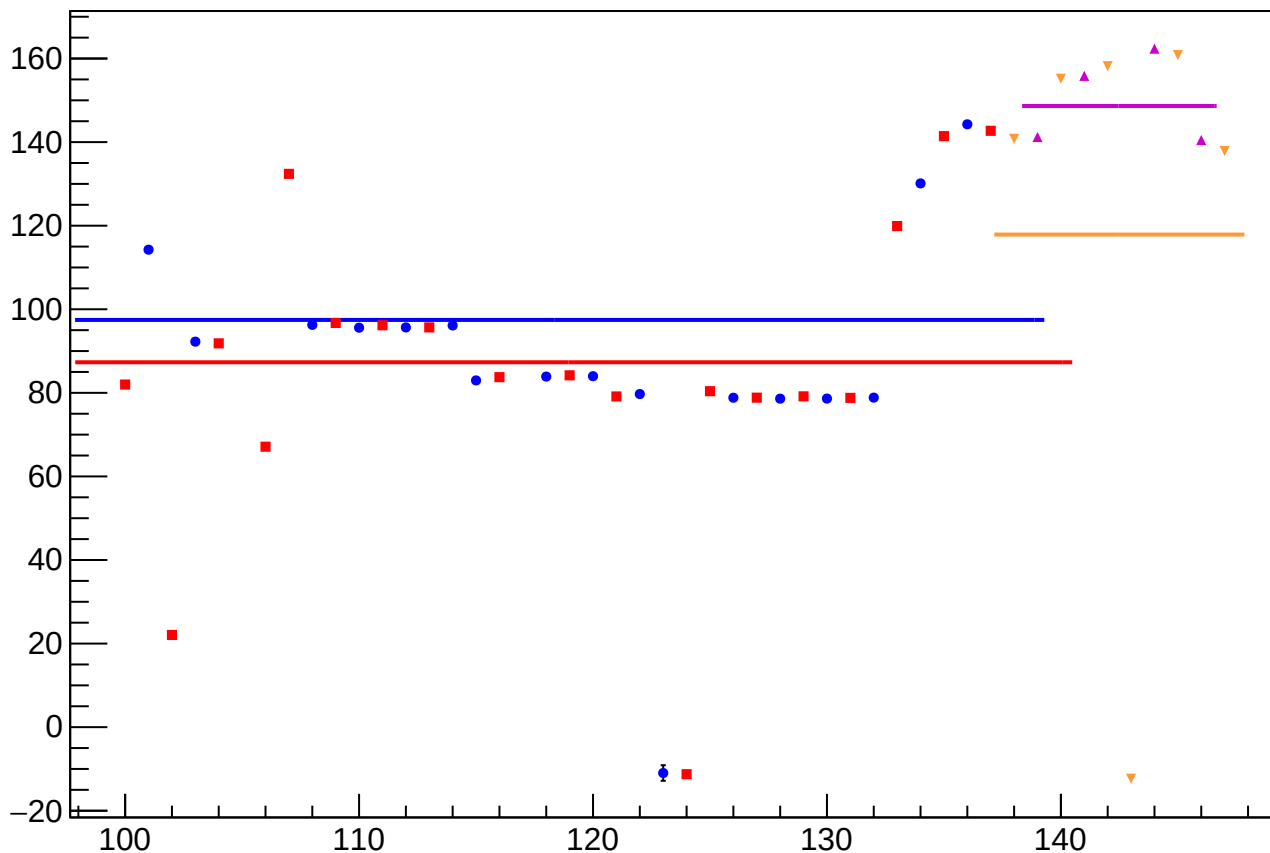
Left In: -80.479 ± 2.207 χ^2/NDF : 56.8/3

+ sign -74.583 ± 0.997 χ^2/NDF : 1272.7/22

All: -74.591 ± 0.726 χ^2/NDF : 2011.6/45

- sign -74.599 ± 1.060 χ^2/NDF : 738.9/22

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 +/- 0.073 χ^2/NDF : 94476.4/16

Left Out: 117.876 +/- 0.089 χ^2/NDF : 518633.6/5

Right Out: 87.315 +/- 0.068 χ^2/NDF : 221837.7/18

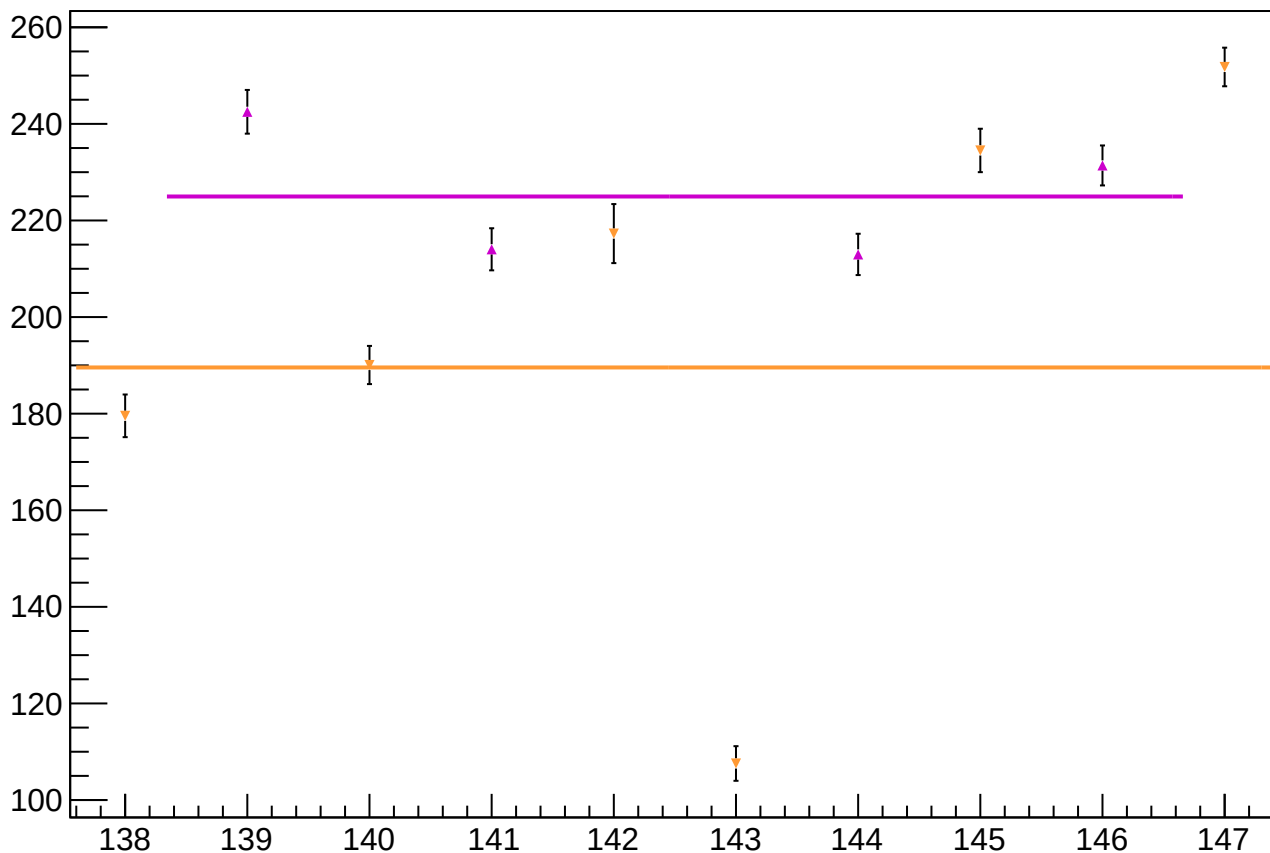
Left In: 148.647 +/- 0.105 χ^2/NDF : 7569.7/3

+ sign 105.680 +/- 0.057 χ^2/NDF : 644418.1/22

All: 105.590 +/- 0.040 χ^2/NDF : 1113308.8/45

- sign 105.498 +/- 0.057 χ^2/NDF : 468885.6/22

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: 189.566+/-1.736 χ^2/NDF : 891.2/5

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

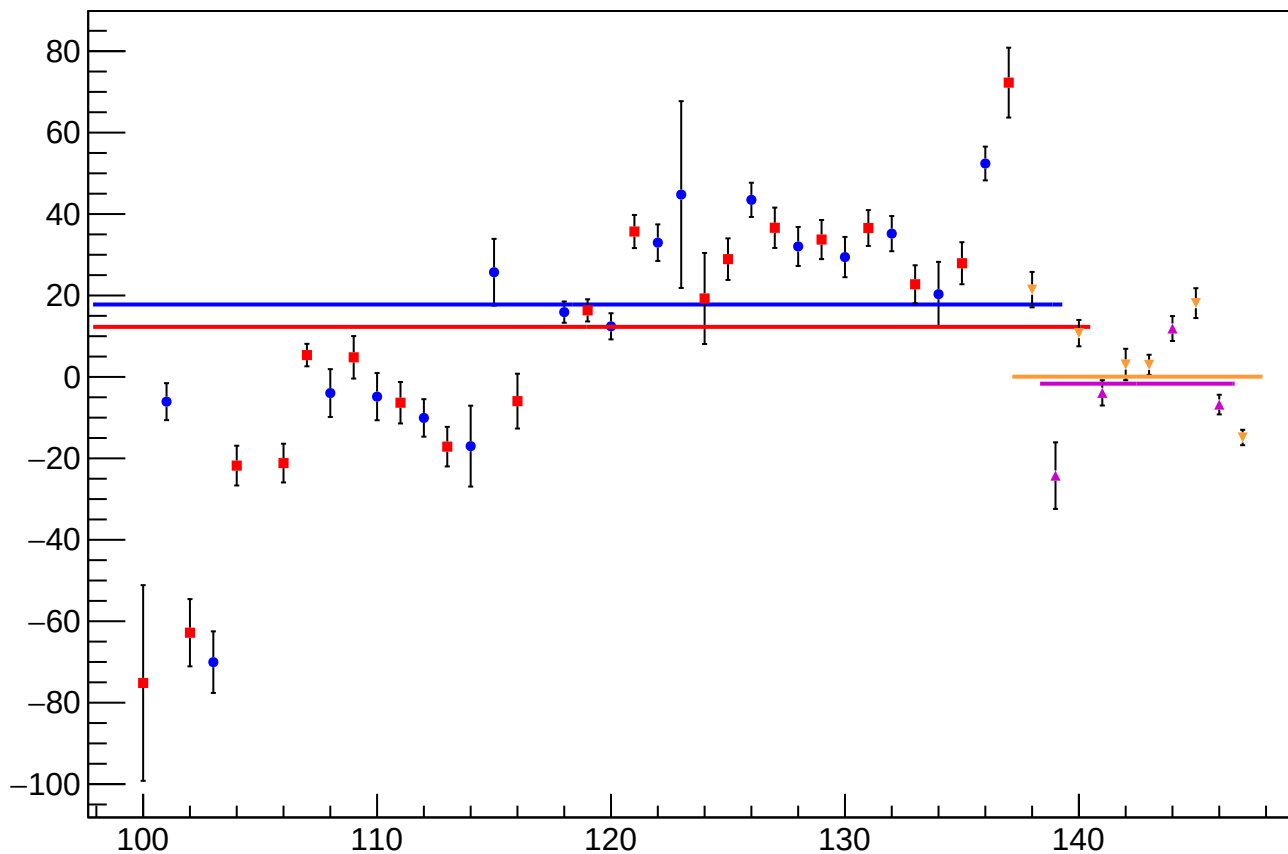
Left In: 224.966+/-2.159 χ^2/NDF : 31.6/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.464+/-1.353 χ^2/NDF : 1086.0/9

- 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: 0.064 $\pm$ 1.169 χ^2 /NDF:123.5/5

Right Out: 12.294 $\pm$ 1.086 χ^2 /NDF: 443.7/18

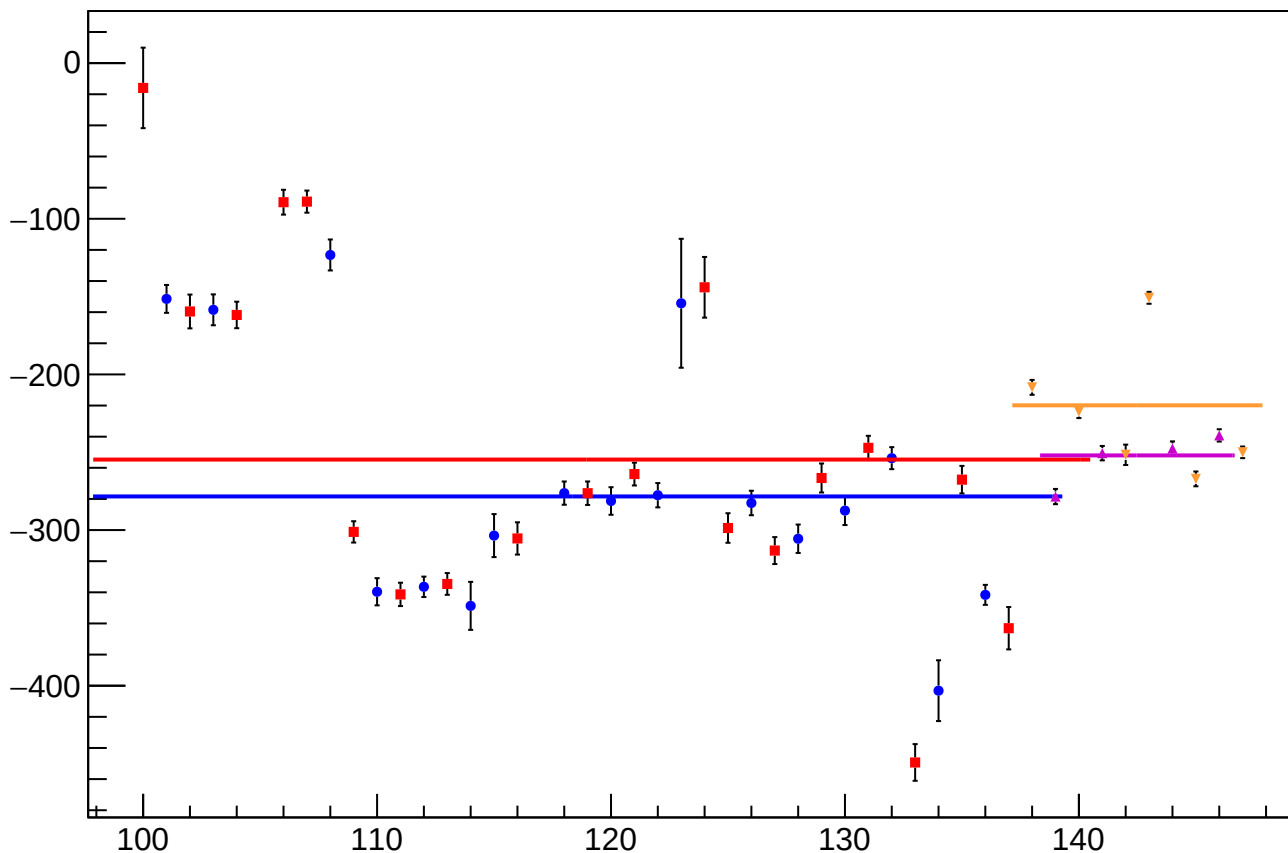
Left In: -1.656 $\pm$ 1.585 χ^2 /NDF:32.4/3

+ sign 9.099 $\pm$ 0.819 χ^2 /NDF: 635.7/22

All: 8.526 $\pm$ 0.604 χ^2 /NDF: 1165.6/45

- sign 7.839 $\pm$ 0.896 χ^2 /NDF: 528.8/22

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: -219.857 ± 1.803 χ^2/NDF : 520.3/5

Right Out: -254.703 ± 2.020 χ^2/NDF : 2038.5/18

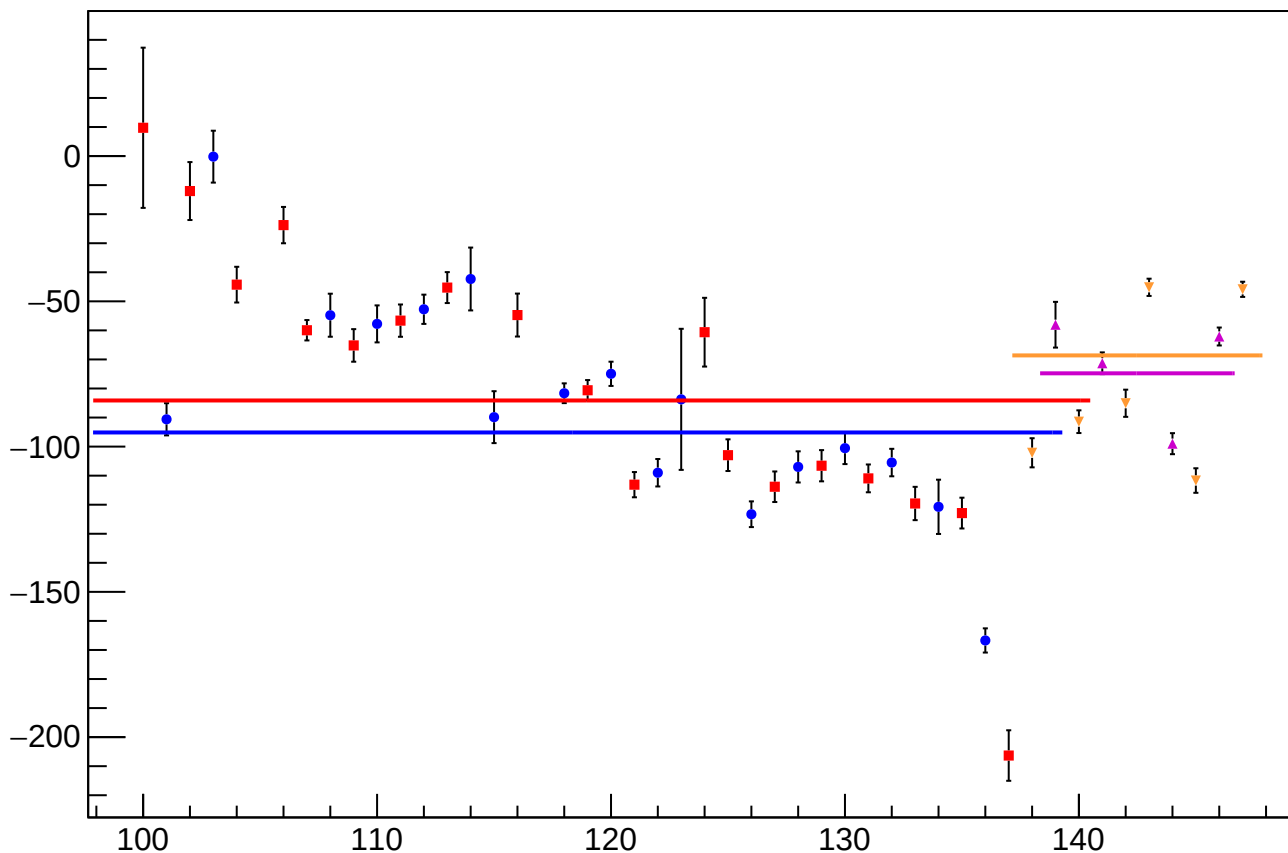
Left In: -252.035 ± 2.236 χ^2/NDF : 40.7/3

+ sign -243.793 ± 1.386 χ^2/NDF : 1861.9/22

All: -248.269 ± 1.018 χ^2/NDF : 3964.5/45

- sign -253.504 ± 1.499 χ^2/NDF : 2080.0/22

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: -68.612 ± 1.463 χ^2/NDF : 333.4/5

Right Out: -84.124 ± 1.259 χ^2/NDF : 782.9/18

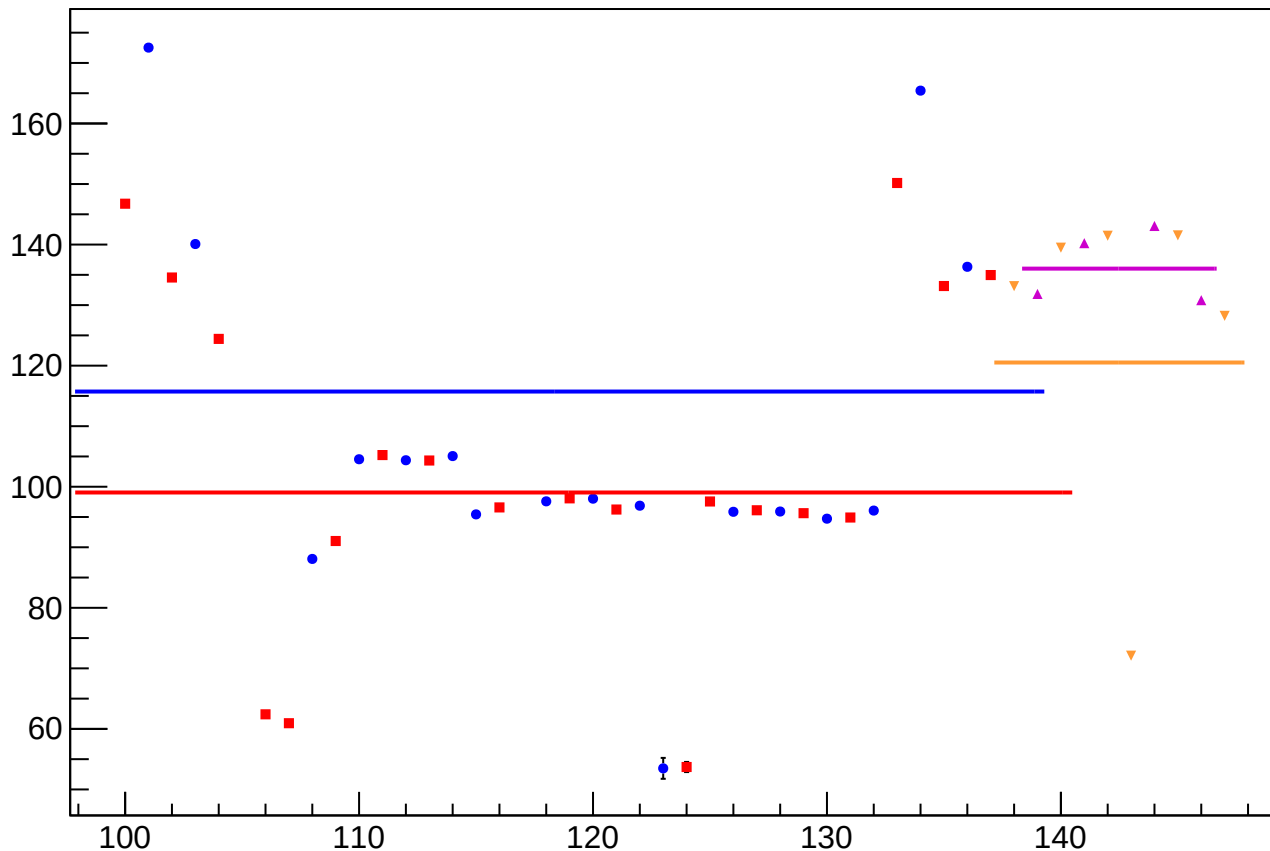
Left In: -74.778 ± 1.928 χ^2/NDF : 67.0/3

+ sign -83.208 ± 0.981 χ^2/NDF : 1189.2/22

All: -82.337 ± 0.718 χ^2/NDF : 2057.3/45

- sign -81.331 ± 1.054 χ^2/NDF : 866.4/22

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: 120.519 $\pm$ 0.076 χ^2 /NDF:135492.3/5

Right Out: 99.049 $\pm$ 0.069 χ^2 /NDF: 173463.3/18

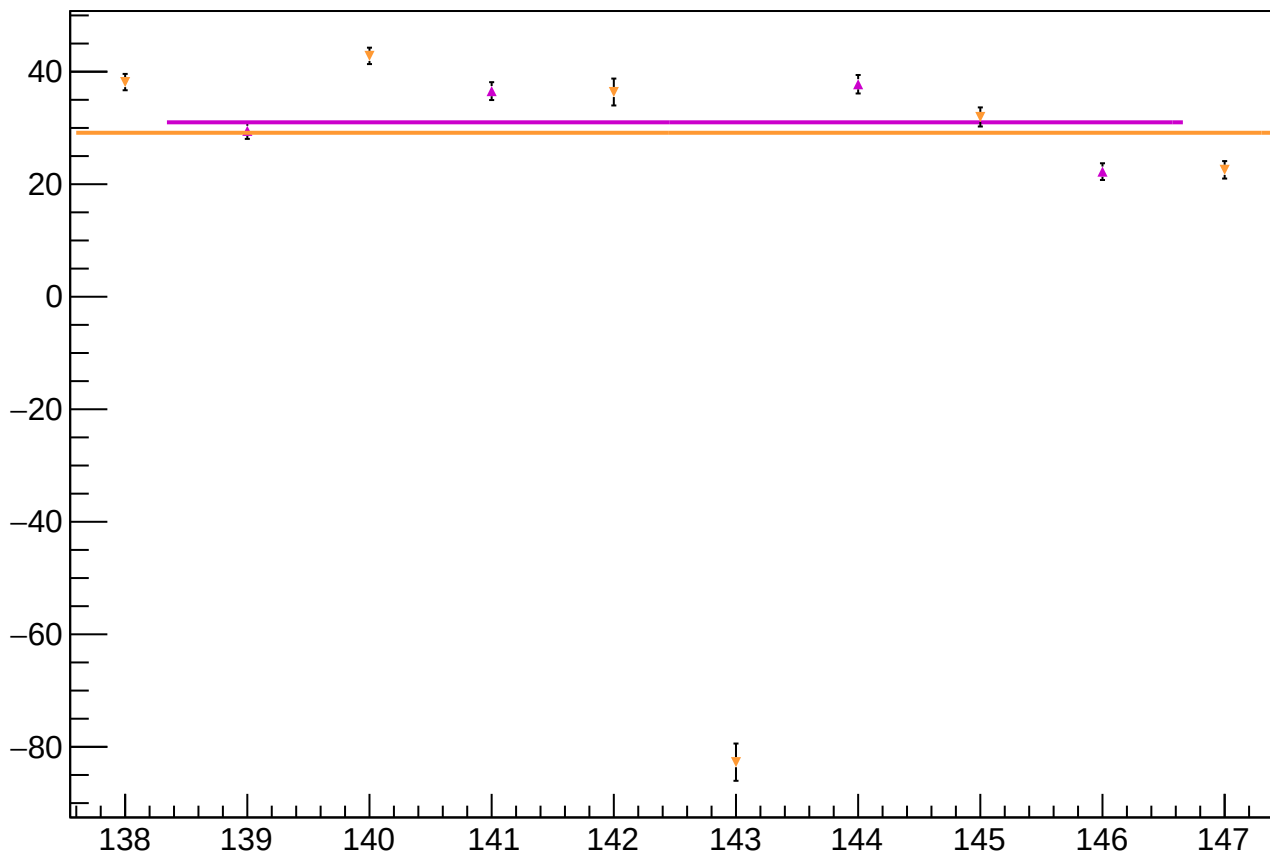
Left In: 136.027 $\pm$ 0.093 χ^2 /NDF:3144.2/3

+ sign 118.195 $\pm$ 0.054 χ^2 /NDF: 243829.6/22

All: 115.212 $\pm$ 0.039 χ^2 /NDF: 529739.0/45

- sign 112.143 $\pm$ 0.055 χ^2 /NDF: 279781.2/22

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: 29.143+/-0.712 χ^2/NDF :1298.0/5

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

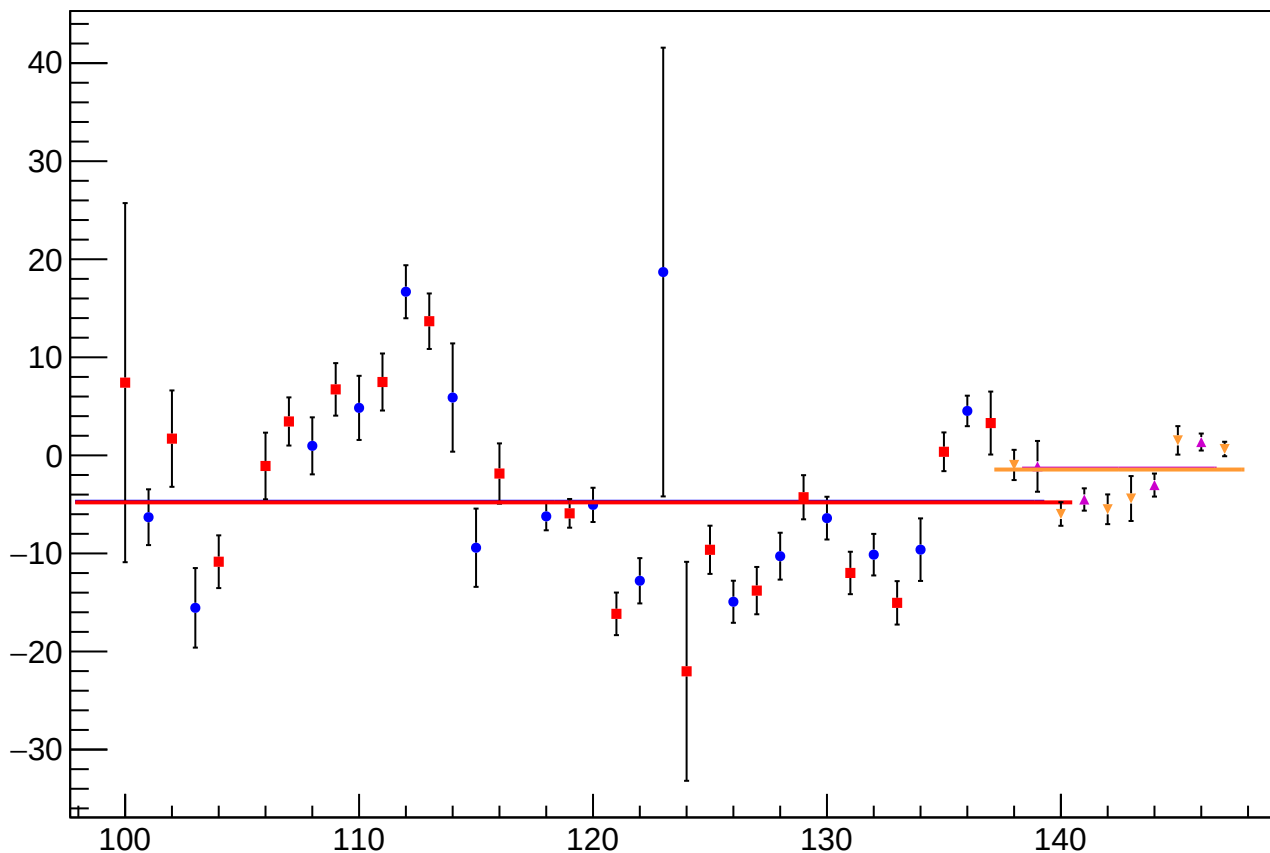
Left In: 31.000+/-0.765 χ^2/NDF :65.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.005+/-0.521 χ^2/NDF : 1366.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.730 ± 0.580 χ^2/NDF : 174.8/16

Left Out: -1.444 ± 0.497 χ^2/NDF : 35.3/5

Right Out: -4.793 ± 0.586 χ^2/NDF : 193.5/18

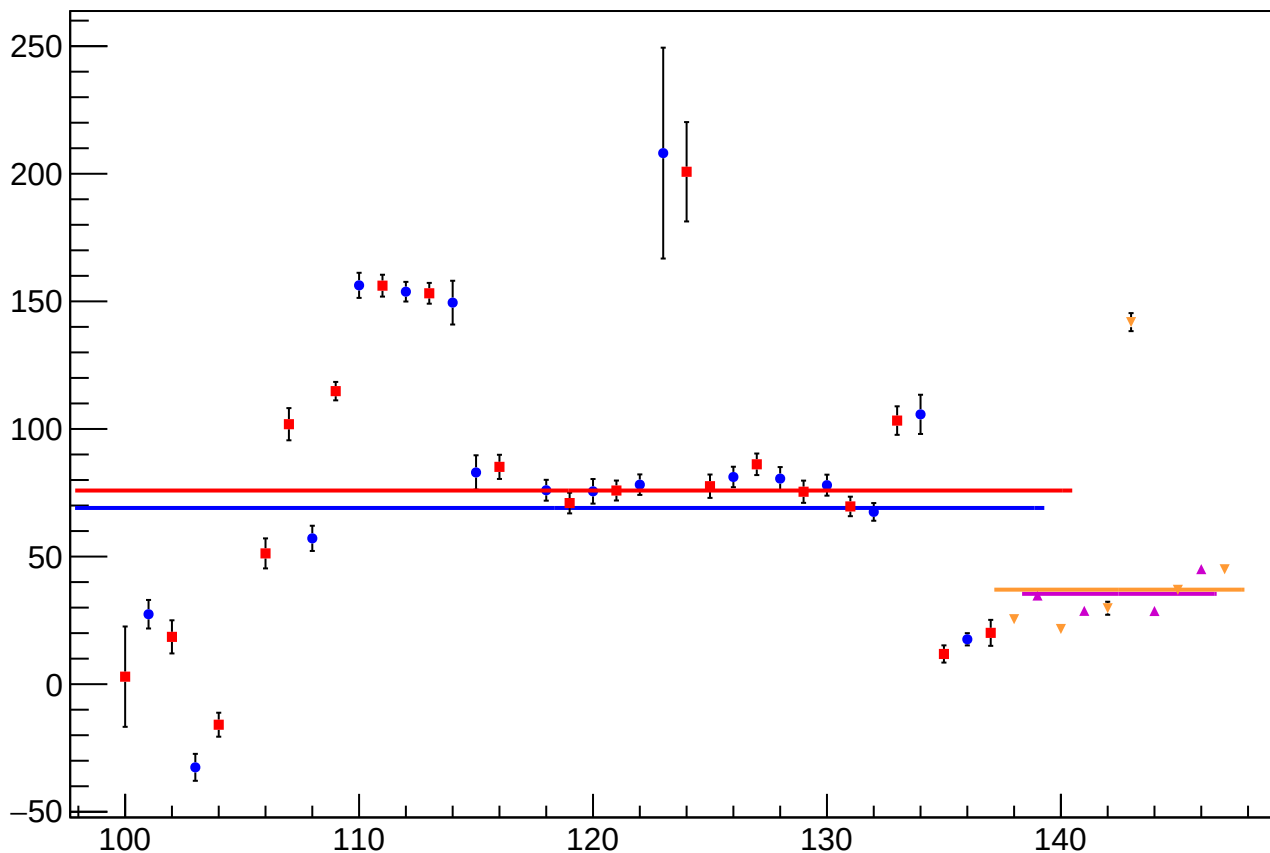
Left In: -1.351 ± 0.579 χ^2/NDF : 19.5/3

+ sign -2.836 ± 0.377 χ^2/NDF : 228.7/22

All: -2.935 ± 0.278 χ^2/NDF : 459.3/45

- sign -3.053 ± 0.412 χ^2/NDF : 230.4/22

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.048 $\pm$ 1.077 χ^2 /NDF: 1847.9/16

Left Out: 37.039 $\pm$ 0.736 χ^2 /NDF:1070.9/5

Right Out: 75.878 $\pm$ 1.069 χ^2 /NDF: 1895.0/18

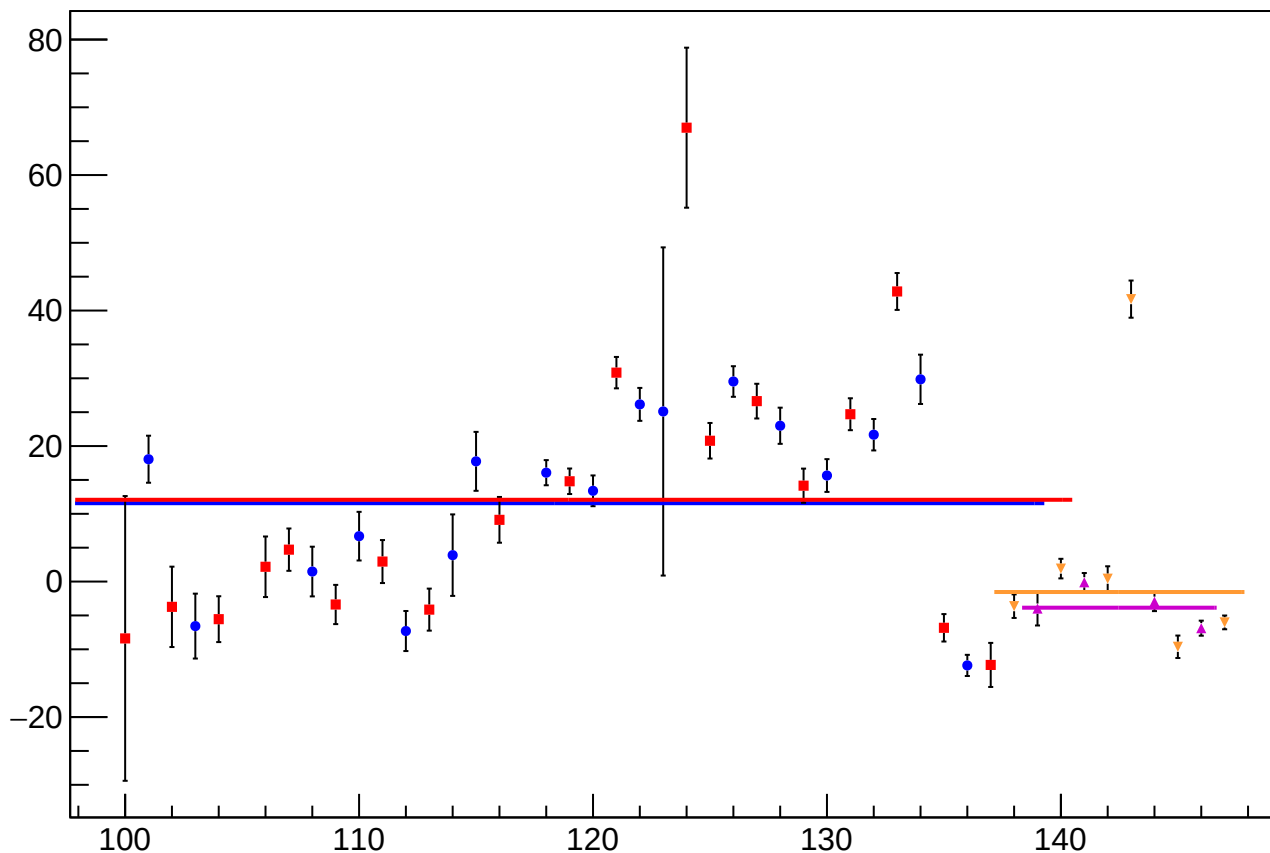
Left In: 35.401 $\pm$ 0.794 χ^2 /NDF:76.8/3

+ sign 47.241 $\pm$ 0.608 χ^2 /NDF: 3520.9/22

All: 48.451 $\pm$ 0.440 χ^2 /NDF: 6424.5/45

- sign 49.783 $\pm$ 0.637 χ^2 /NDF: 2895.3/22

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: -1.542 $\pm$ 0.623 χ^2 /NDF: 300.0/5

Right Out: 12.071 $\pm$ 0.665 χ^2 /NDF: 543.3/18

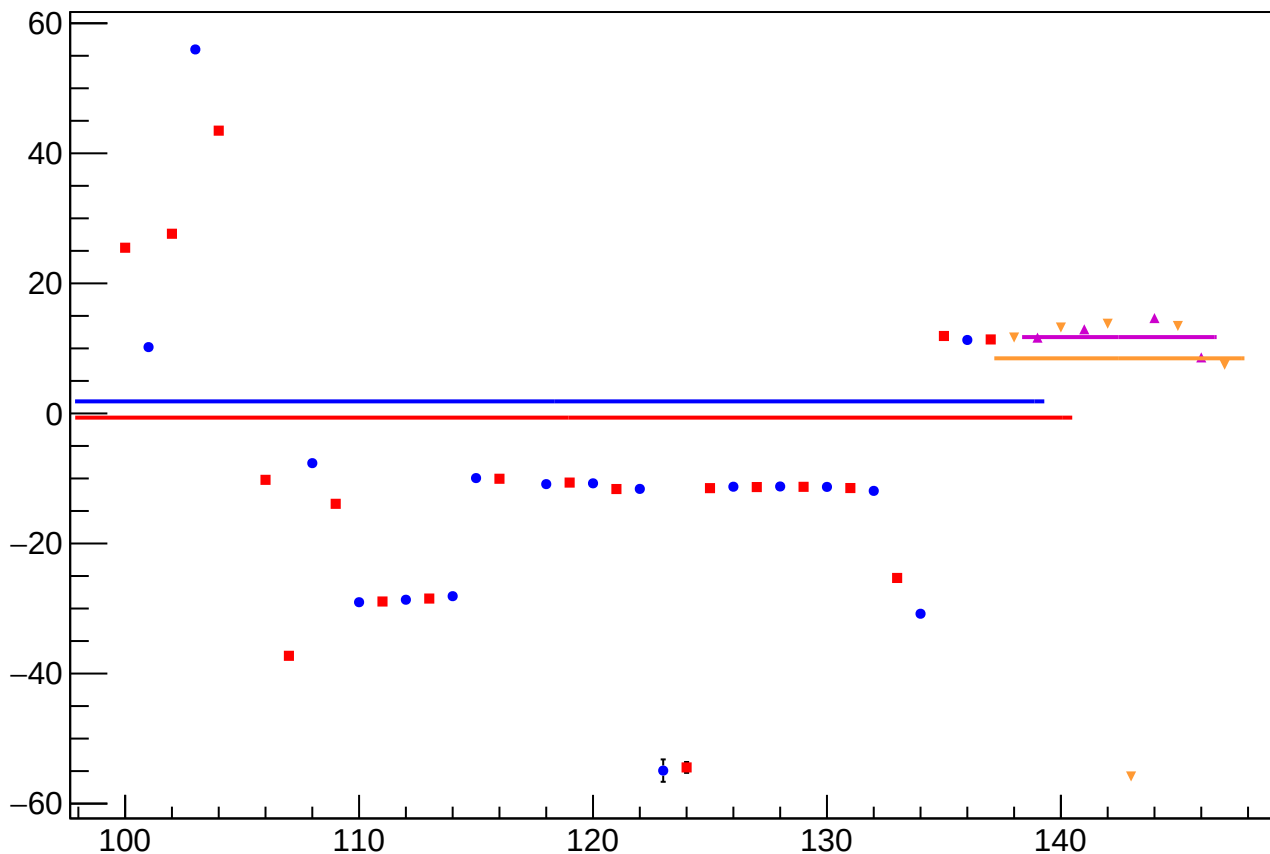
Left In: -3.857 $\pm$ 0.702 χ^2 /NDF: 15.4/3

+ sign 4.653 $\pm$ 0.453 χ^2 /NDF: 987.3/22

All: 4.604 $\pm$ 0.330 χ^2 /NDF: 1817.3/45

- sign 4.549 $\pm$ 0.483 χ^2 /NDF: 830.0/22

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: 8.474+/-0.031 χ^2/NDF : 221947.6/5

Right Out: -0.644+/-0.037 χ^2/NDF : 361625.7/18

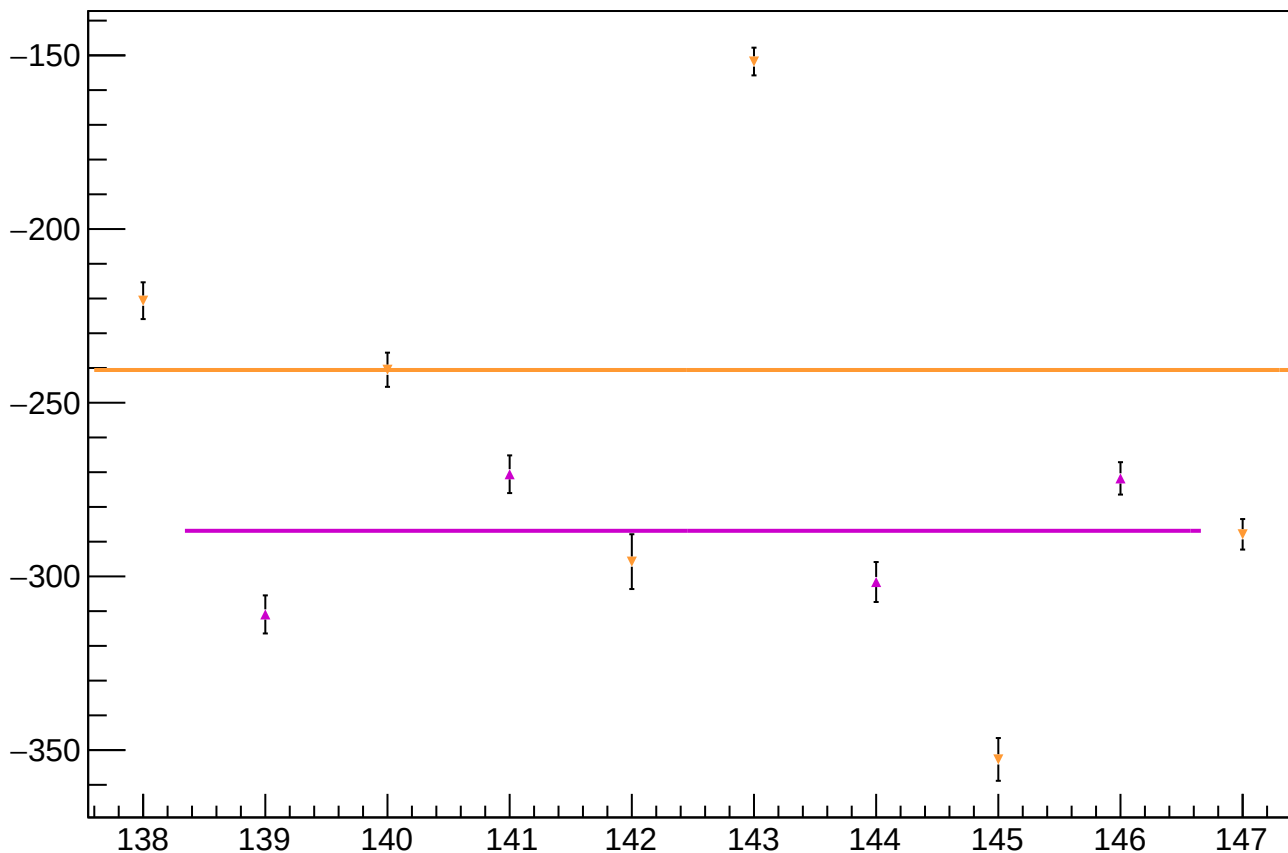
Left In: 11.740+/-0.032 χ^2/NDF : 4030.0/3

+ sign 5.760+/-0.024 χ^2/NDF : 600243.8/22

All: 6.058+/-0.017 χ^2/NDF : 1029528.1/45

- sign 6.373+/-0.024 χ^2/NDF : 428959.6/22

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: -240.575+/-2.067 χ^2/NDF :1006.1/5

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

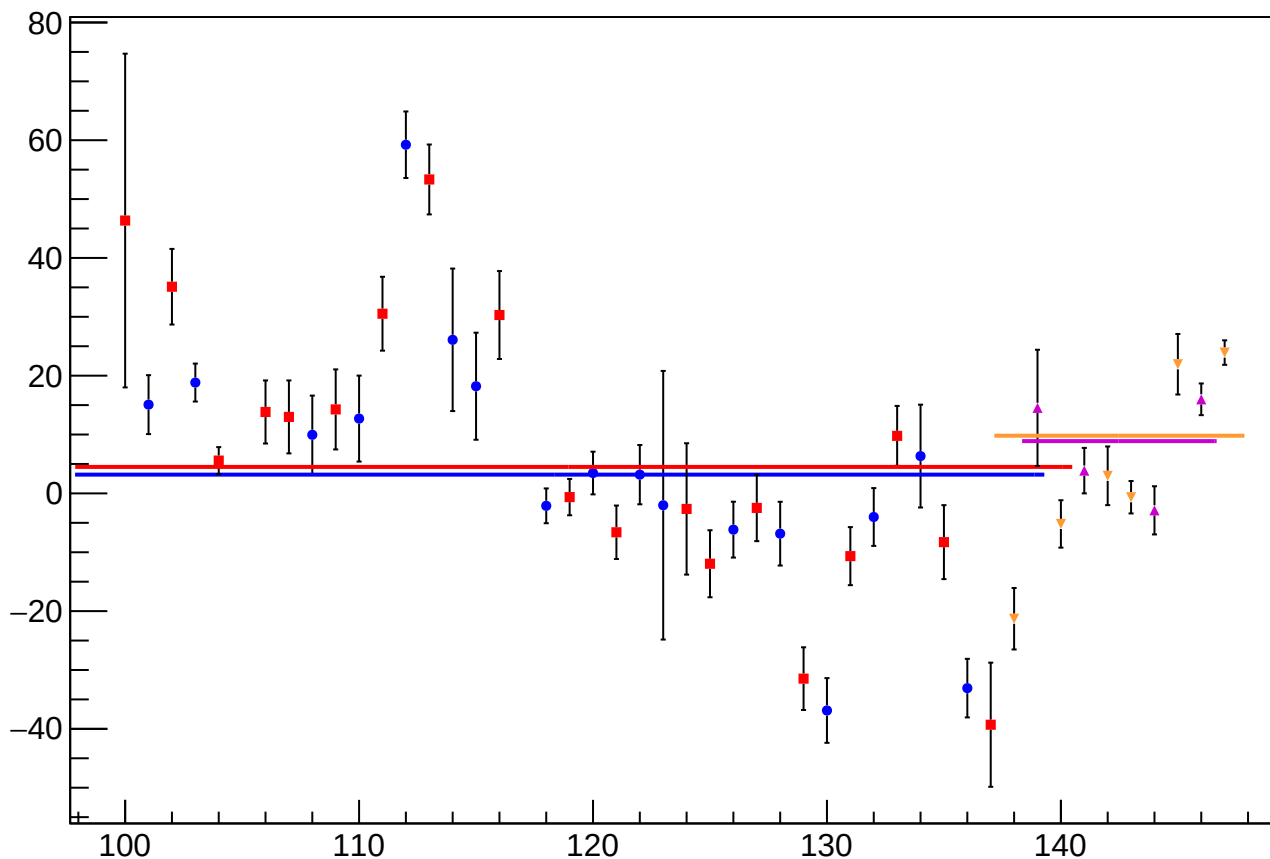
Left In: -286.871+/-2.640 χ^2/NDF :45.3/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.168+/-1.628 χ^2/NDF : 1242.1/9

- 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: 9.801 ± 1.362 χ^2/NDF : 117.1/5

Right Out: 4.497 ± 1.160 χ^2/NDF : 225.4/18

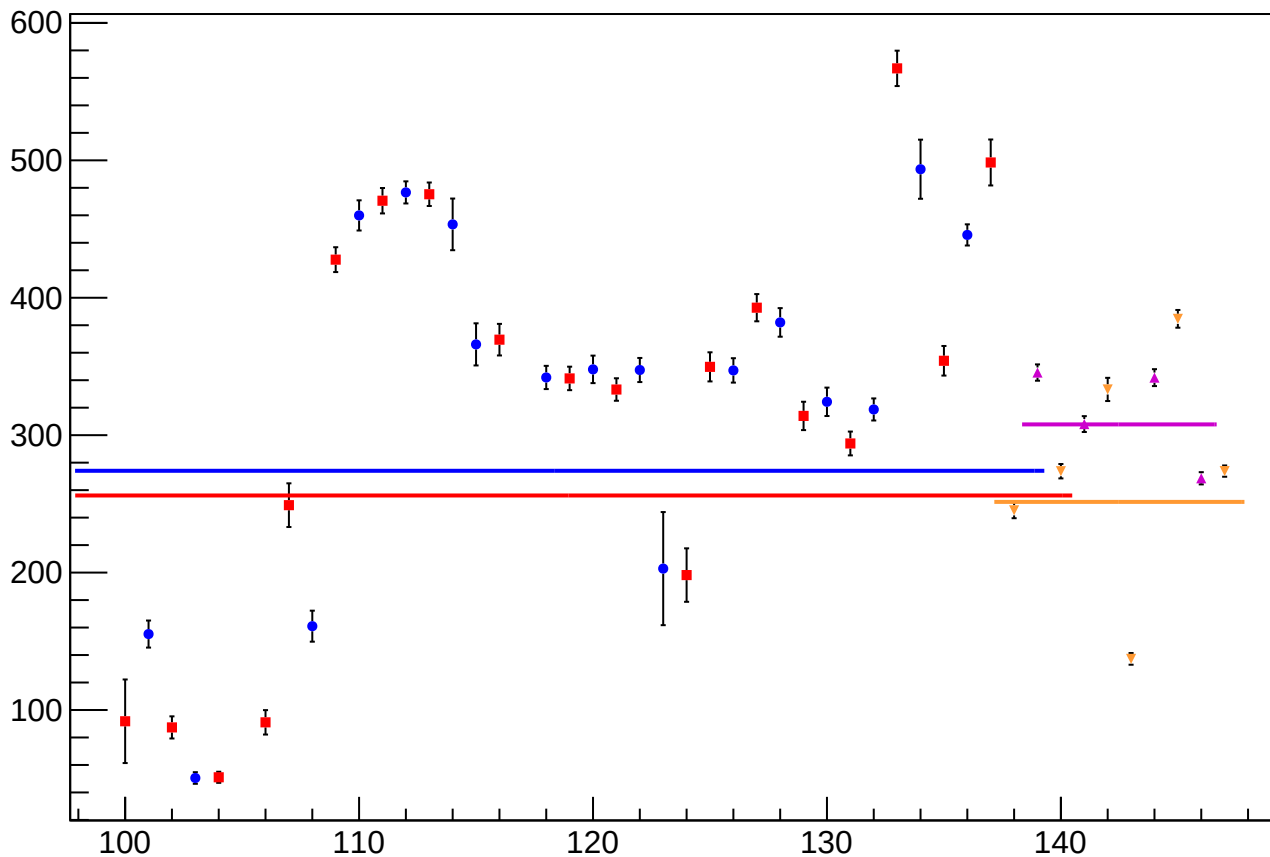
Left In: 8.883 ± 1.907 χ^2/NDF : 17.2/3

+ sign 6.146 ± 0.911 χ^2/NDF : 385.8/22

All: 5.933 ± 0.671 χ^2/NDF : 632.4/45

- sign 5.681 ± 0.991 χ^2/NDF : 246.5/22

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 ± 2.191 $\chi^2/\text{NDF}: 5112.0/16$

Left Out: 251.445 ± 2.135 $\chi^2/\text{NDF}: 1288.6/5$

Right Out: 256.109 ± 2.080 $\chi^2/\text{NDF}: 6444.1/18$

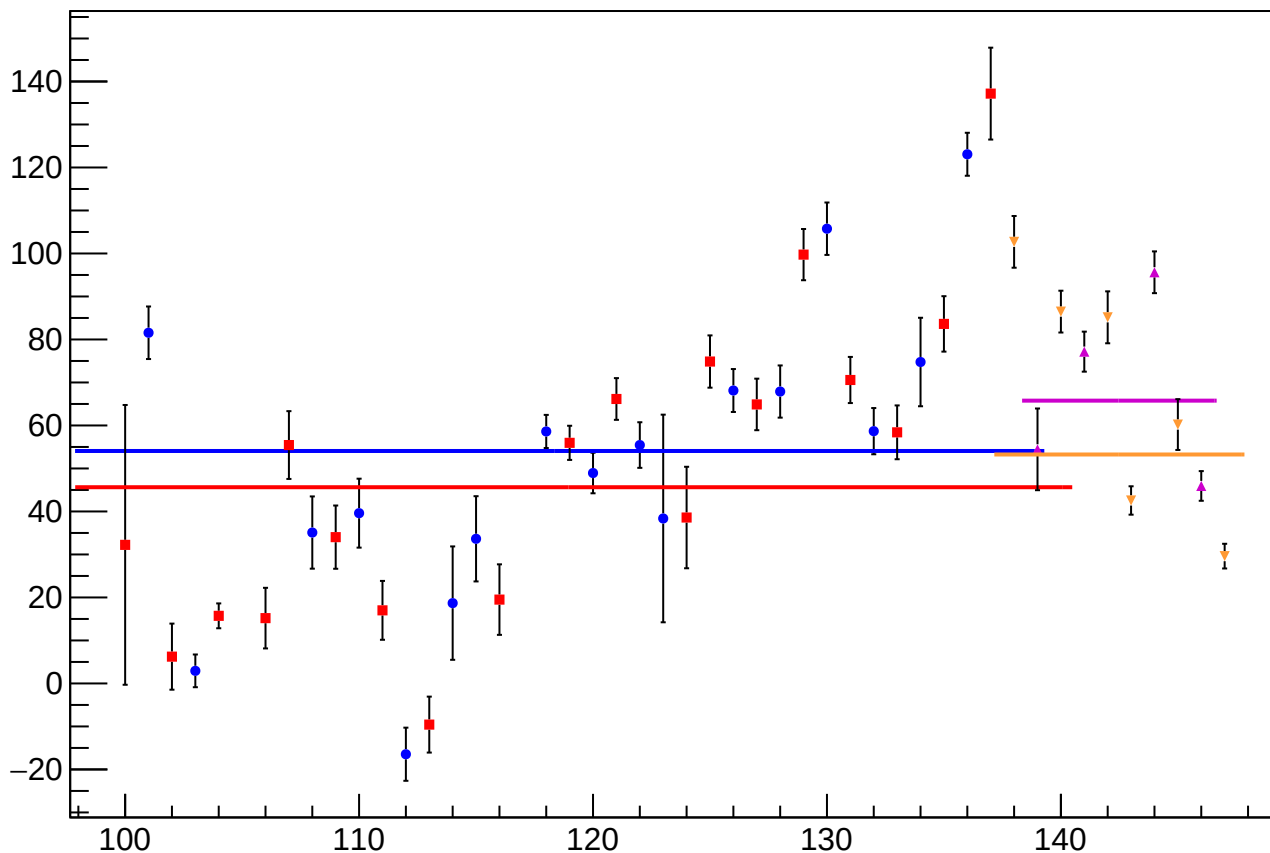
Left In: 307.835 ± 2.719 $\chi^2/\text{NDF}: 148.6/3$

+ sign 262.470 ± 1.529 $\chi^2/\text{NDF}: 6455.3/22$

All: 268.348 ± 1.122 $\chi^2/\text{NDF}: 13308.3/45$

- sign 275.208 ± 1.652 $\chi^2/\text{NDF}: 6820.9/22$

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: 53.249 $\pm$ 1.718 χ^2 /NDF:221.9/5

Right Out: 45.637 $\pm$ 1.359 χ^2 /NDF: 530.8/18

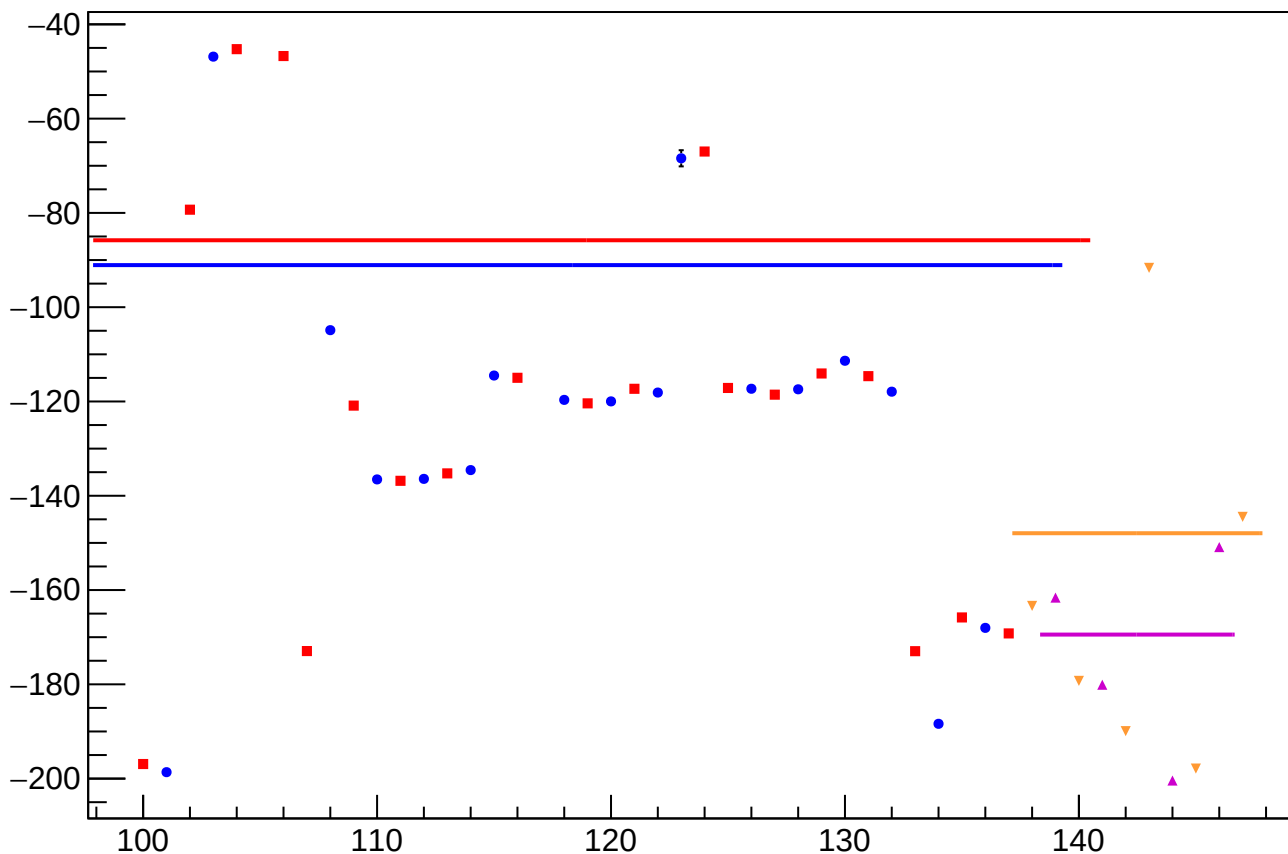
Left In: 65.773 $\pm$ 2.334 χ^2 /NDF:78.2/3

+ sign 53.733 $\pm$ 1.095 χ^2 /NDF: 856.4/22

All: 52.340 $\pm$ 0.801 χ^2 /NDF: 1524.5/45

- sign 50.735 $\pm$ 1.174 χ^2 /NDF: 664.6/22

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 ± 0.068 $\chi^2/\text{NDF}: 534647.5/16$

Left Out: -147.947 ± 0.090 $\chi^2/\text{NDF}: 185756.4/5$

Right Out: -85.803 ± 0.065 $\chi^2/\text{NDF}: 495895.1/18$

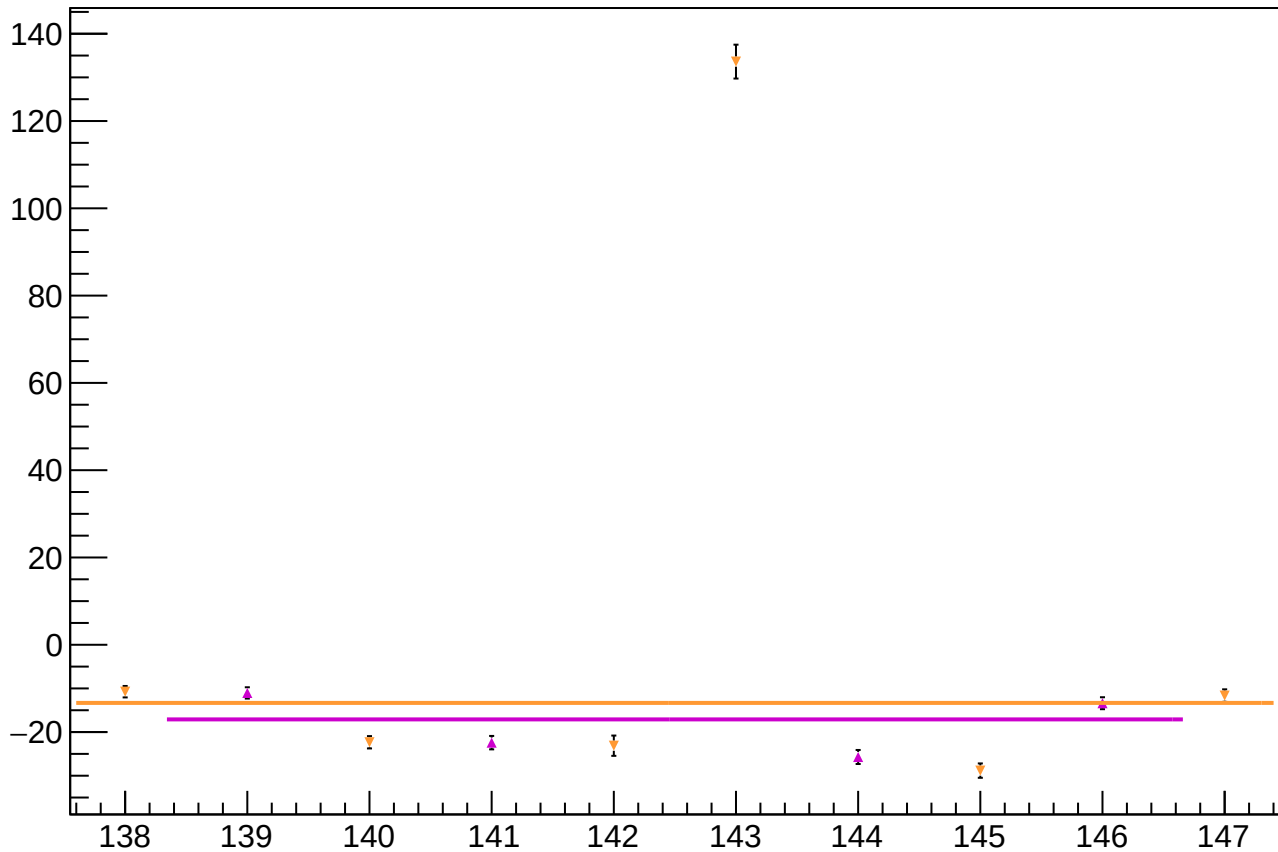
Left In: -169.448 ± 0.113 $\chi^2/\text{NDF}: 24875.0/3$

+ sign -111.546 ± 0.054 $\chi^2/\text{NDF}: 975730.0/22$

All: -109.225 ± 0.039 $\chi^2/\text{NDF}: 1913569.4/45$

- sign -106.701 ± 0.056 $\chi^2/\text{NDF}: 933986.4/22$

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: -13.320+/-0.676 χ^2/NDF :1585.7/5

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

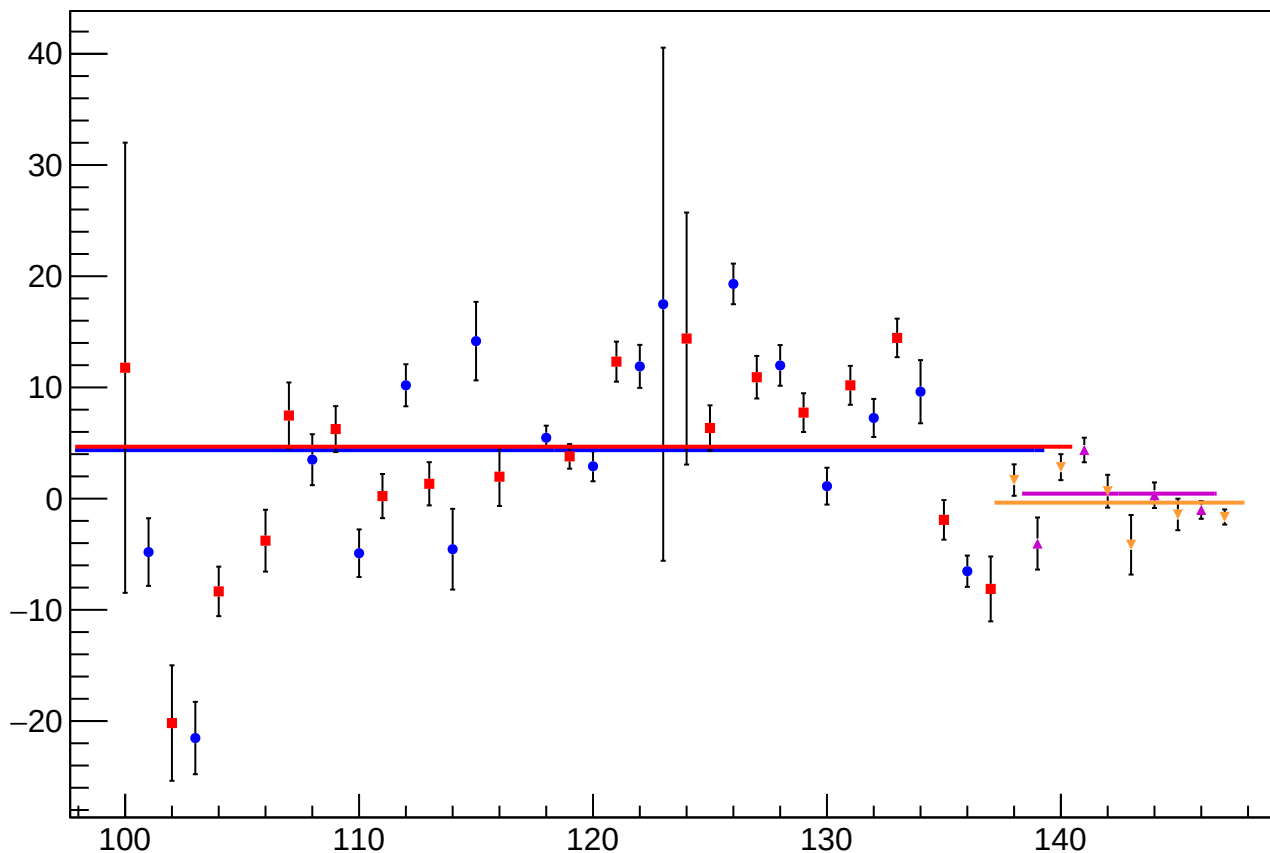
Left In: -17.098+/-0.719 χ^2/NDF :69.9/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.094+/-0.492 χ^2/NDF : 1670.3/9

- 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: -0.360 ± 0.472 χ^2/NDF : 16.2/5

Right Out: 4.670 ± 0.474 χ^2/NDF : 185.4/18

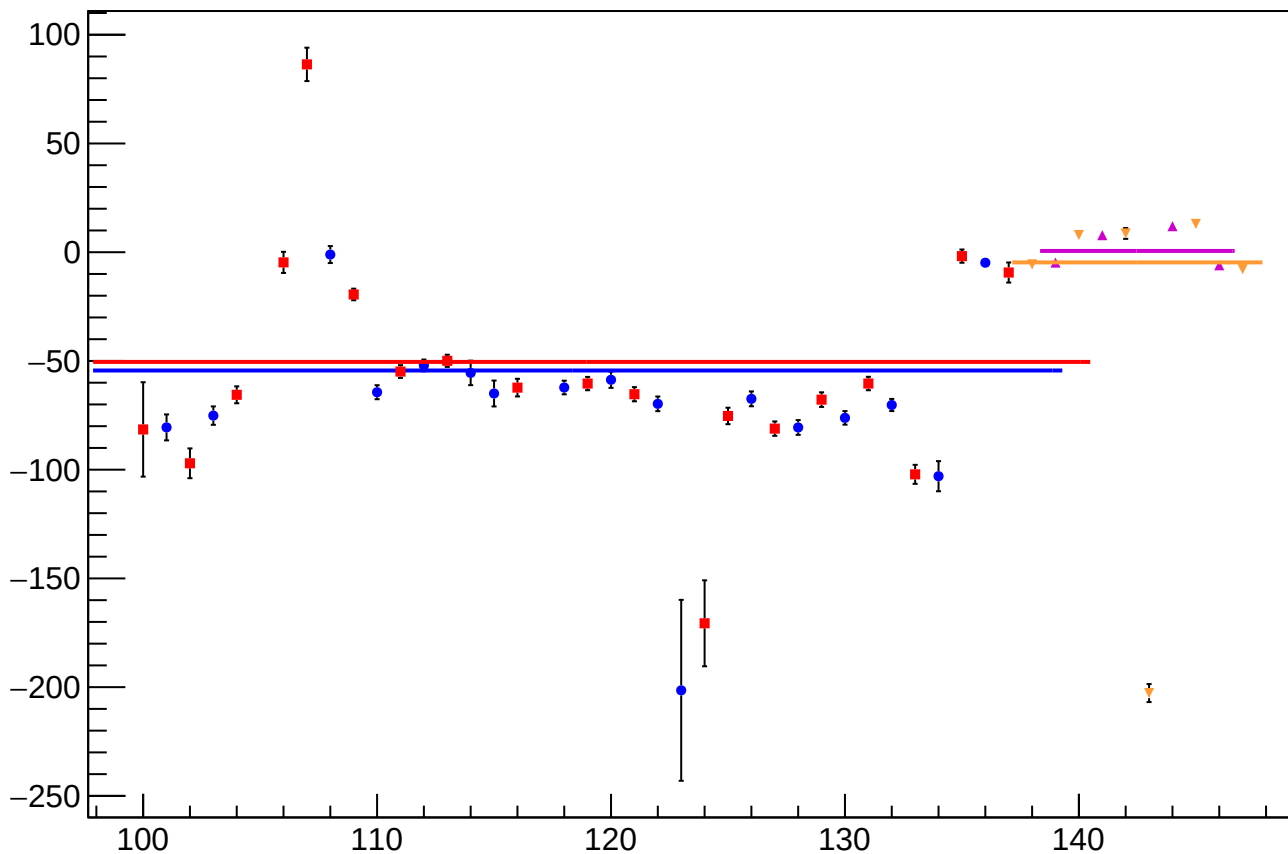
Left In: 0.448 ± 0.549 χ^2/NDF : 19.7/3

+ sign 2.041 ± 0.331 χ^2/NDF : 353.5/22

All: 2.420 ± 0.243 χ^2/NDF : 595.3/45

- sign 2.865 ± 0.359 χ^2/NDF : 239.0/22

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392 ± 0.863 $\chi^2/\text{NDF}: 1013.4/16$

Left Out: -4.680 ± 0.698 $\chi^2/\text{NDF}: 2496.7/5$

Right Out: -50.441 ± 0.857 $\chi^2/\text{NDF}: 1324.7/18$

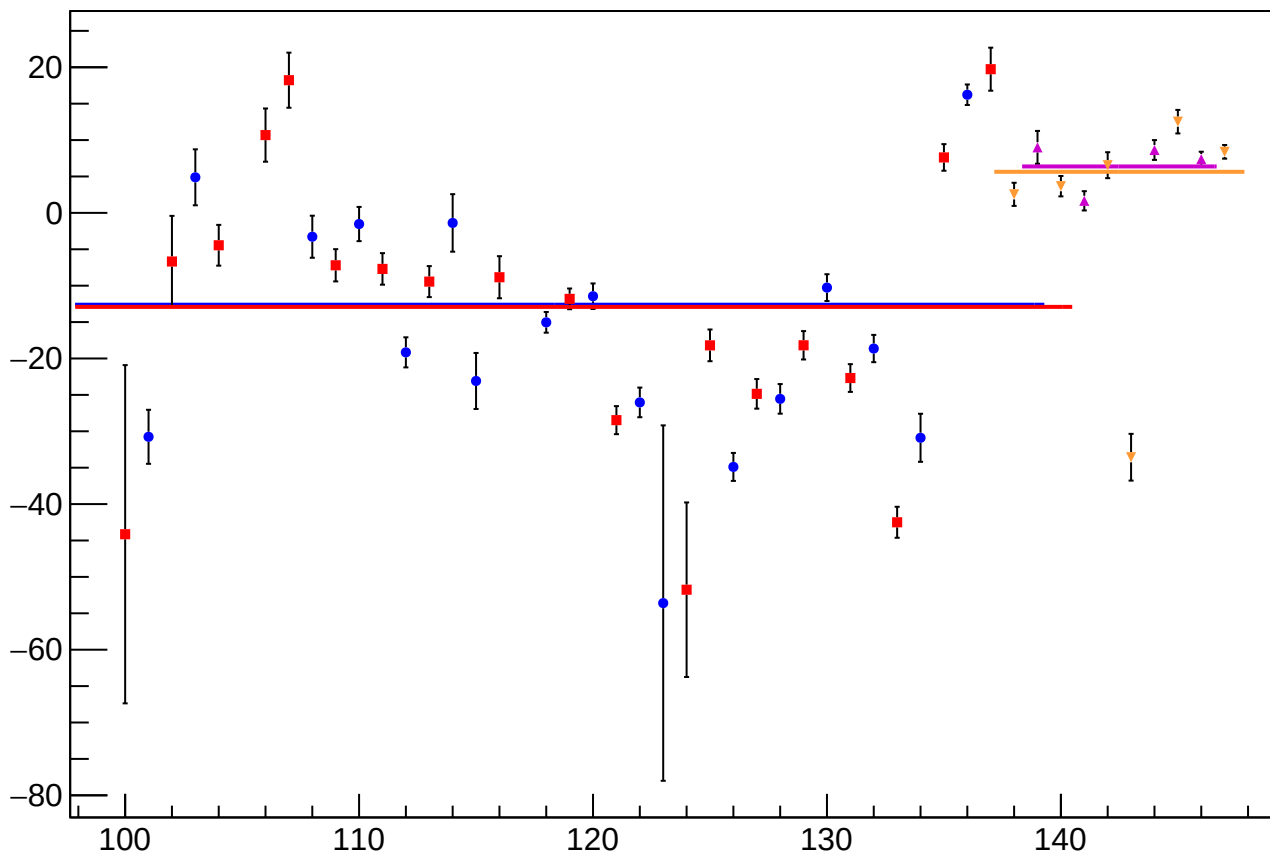
Left In: 0.585 ± 0.745 $\chi^2/\text{NDF}: 103.3/3$

+ sign -24.358 ± 0.543 $\chi^2/\text{NDF}: 5517.1/22$

All: -22.917 ± 0.391 $\chi^2/\text{NDF}: 8977.7/45$

- sign -21.369 ± 0.562 $\chi^2/\text{NDF}: 3446.0/22$

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: 5.642 ± 0.594 χ^2/NDF : 181.7/5

Right Out: -12.912 ± 0.538 χ^2/NDF : 730.2/18

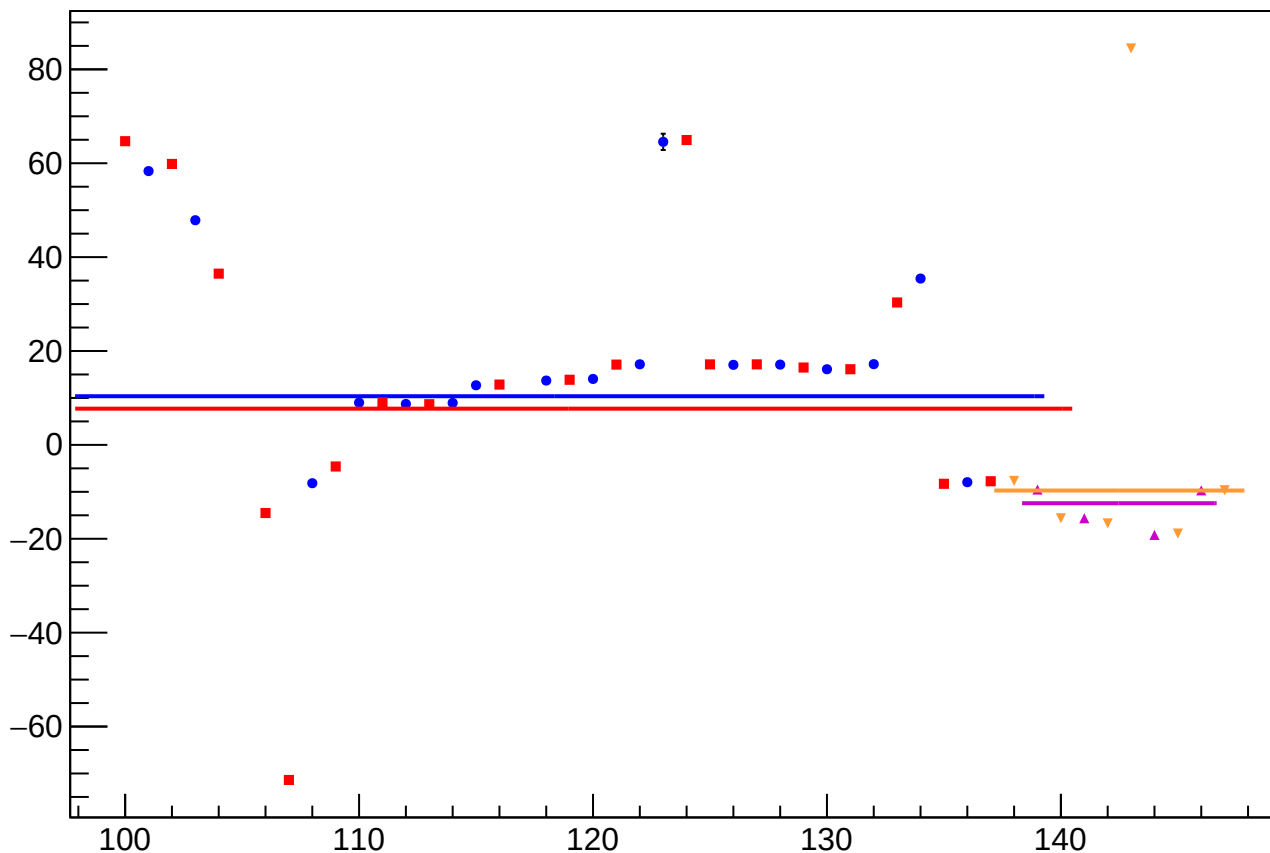
Left In: 6.375 ± 0.665 χ^2/NDF : 17.8/3

+ sign -4.517 ± 0.395 χ^2/NDF : 1496.0/22

All: -4.877 ± 0.287 χ^2/NDF : 2754.0/45

- sign -5.280 ± 0.418 χ^2/NDF : 1256.2/22

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: -9.720+/-0.029 χ^2/NDF : 354315.1/5

Right Out: 7.719+/-0.031 χ^2/NDF : 545085.7/18

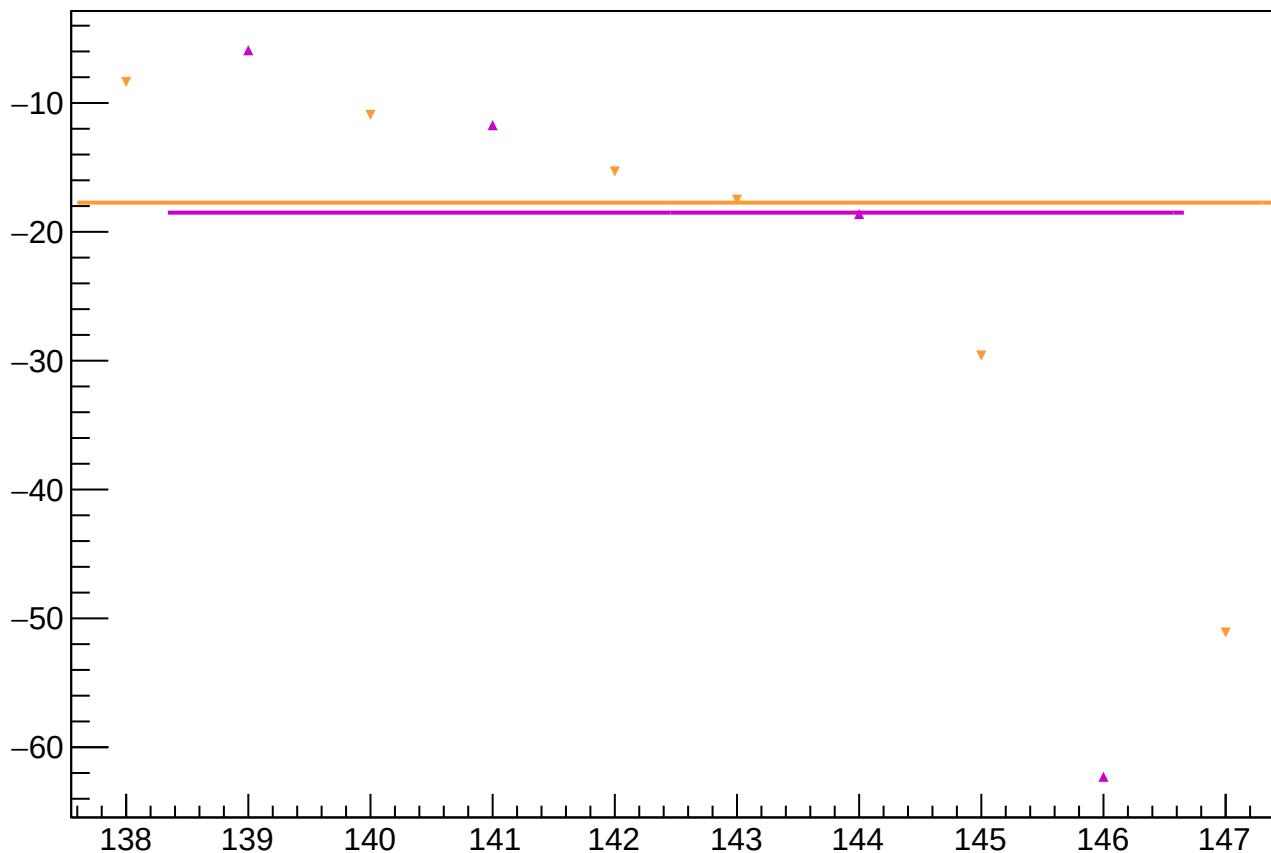
Left In: -12.422+/-0.030 χ^2/NDF : 15938.4/3

+ sign -0.115+/-0.021 χ^2/NDF : 961074.6/22

All: -1.351+/-0.015 χ^2/NDF : 1743213.8/45

- sign -2.663+/-0.022 χ^2/NDF : 775076.7/22

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -17.731+/-0.113 χ^2/NDF :13600.6/5

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

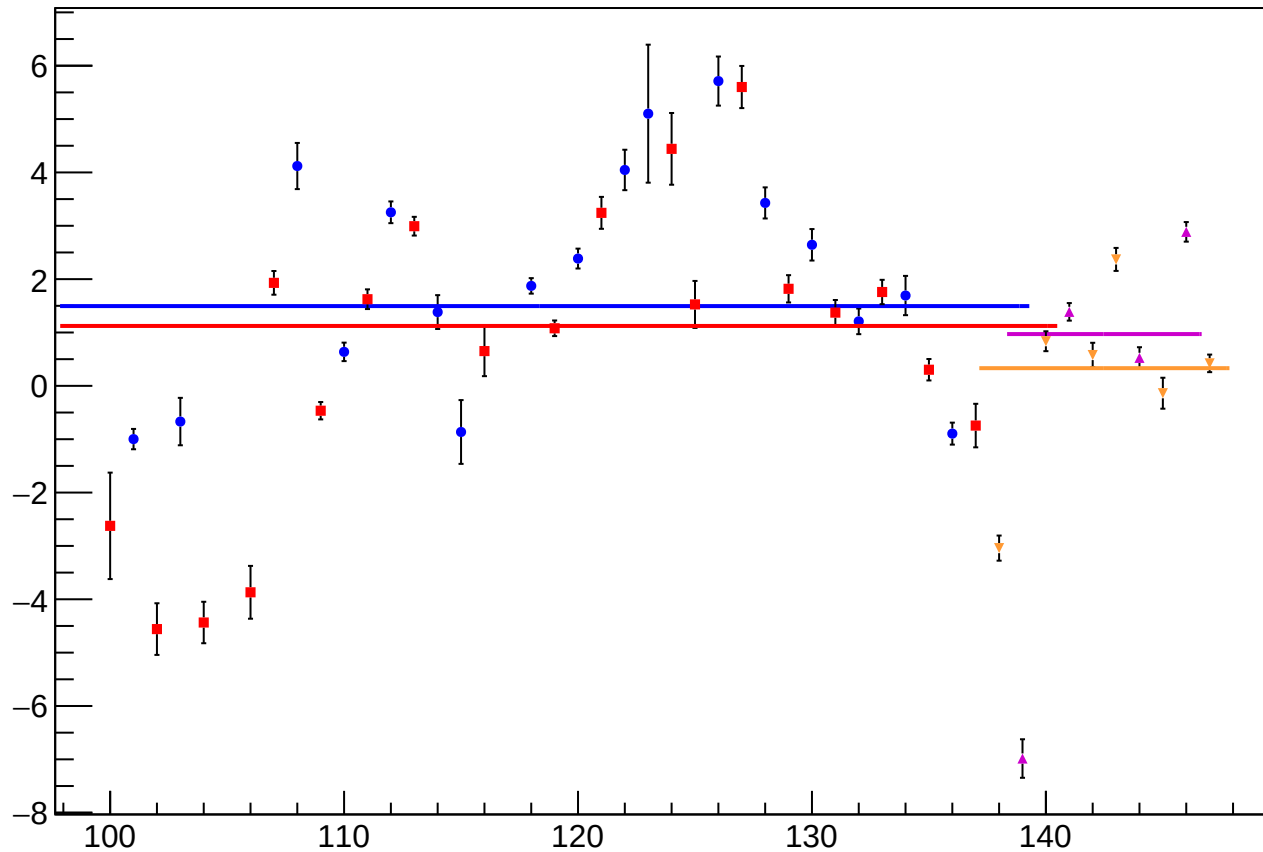
Left In: -18.509+/-0.122 χ^2/NDF :24338.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.090+/-0.083 χ^2/NDF : 37961.3/9

- 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 $\pm$ 0.061 χ^2 /NDF: 708.8/16

Left Out: 0.331 $\pm$ 0.086 χ^2 /NDF: 306.1/5

Right Out: 1.123 $\pm$ 0.058 χ^2 /NDF: 946.5/18

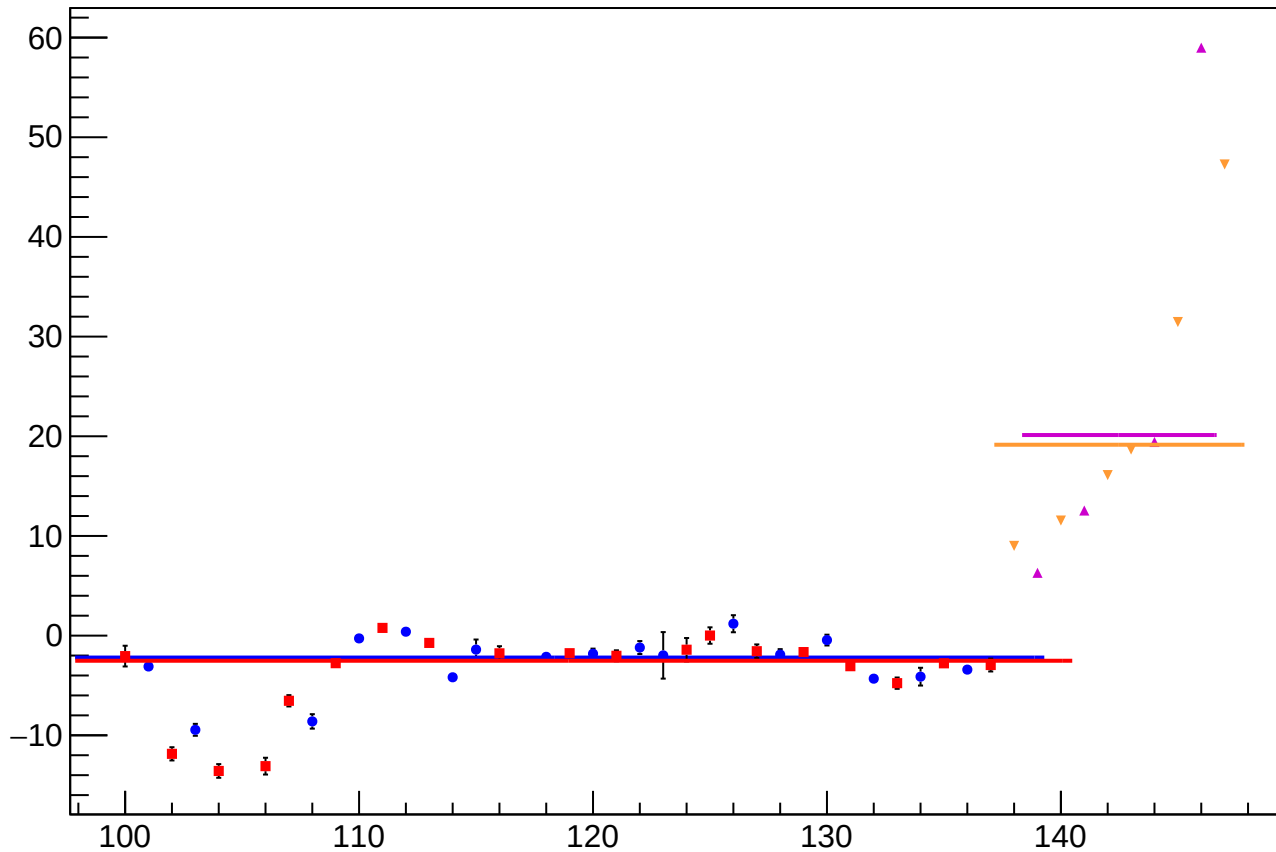
Left In: 0.971 $\pm$ 0.100 χ^2 /NDF: 605.8/3

+ sign 1.103 $\pm$ 0.050 χ^2 /NDF: 1137.2/22

All: 1.094 $\pm$ 0.035 χ^2 /NDF: 2691.2/45

- sign 1.084 $\pm$ 0.050 χ^2 /NDF: 1554.0/22

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.200+/-0.111 χ^2/NDF : 461.0/16

Left Out: 19.151+/-0.119 χ^2/NDF :11918.7/5

Right Out: -2.520+/-0.099 χ^2/NDF : 903.3/18

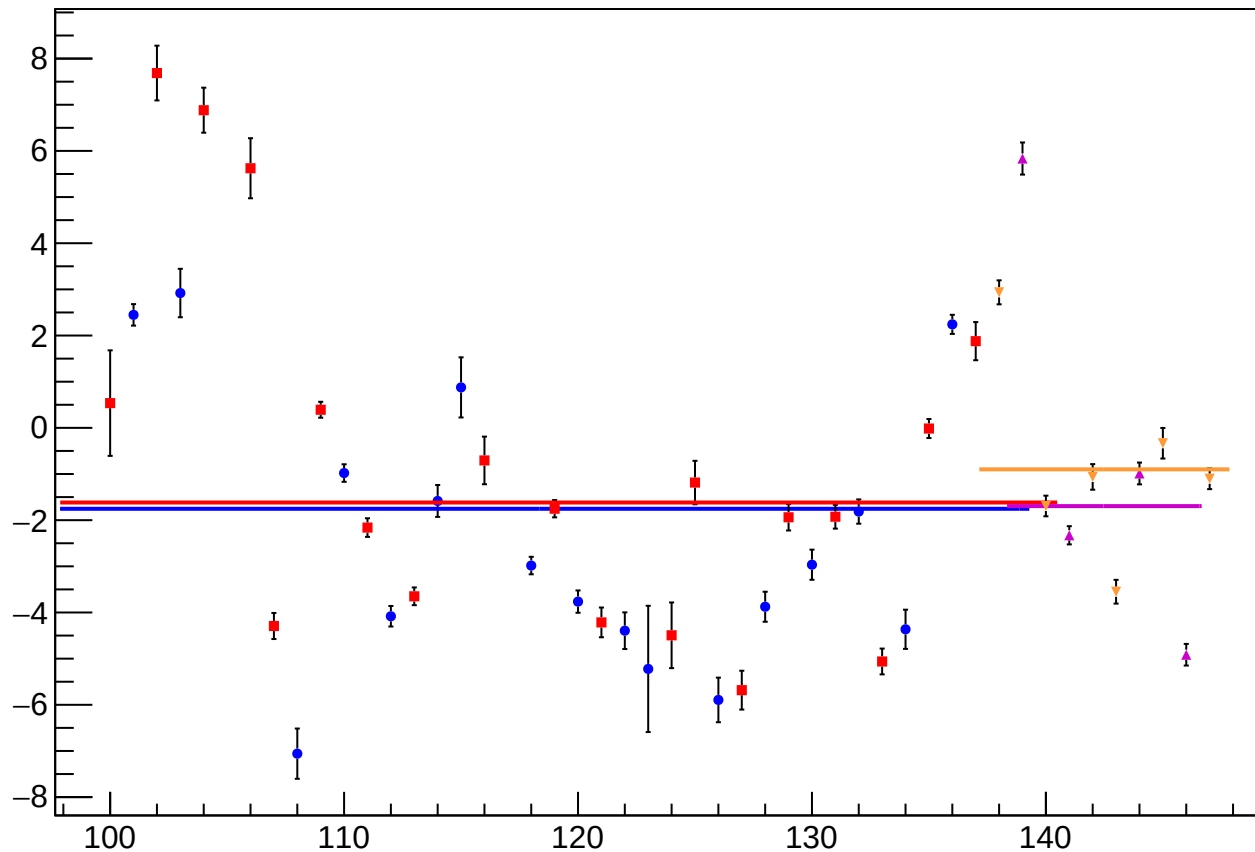
Left In: 20.125+/-0.128 χ^2/NDF :21872.4/3

+ sign 7.688+/-0.081 χ^2/NDF : 29644.2/22

All: 6.773+/-0.056 χ^2/NDF : 72179.4/45

- sign 5.917+/-0.078 χ^2/NDF : 42288.3/22

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.753 ± 0.070 χ^2/NDF : 1345.0/16

Left Out: -0.899 ± 0.104 χ^2/NDF : 340.7/5

Right Out: -1.617 ± 0.066 χ^2/NDF : 1487.5/18

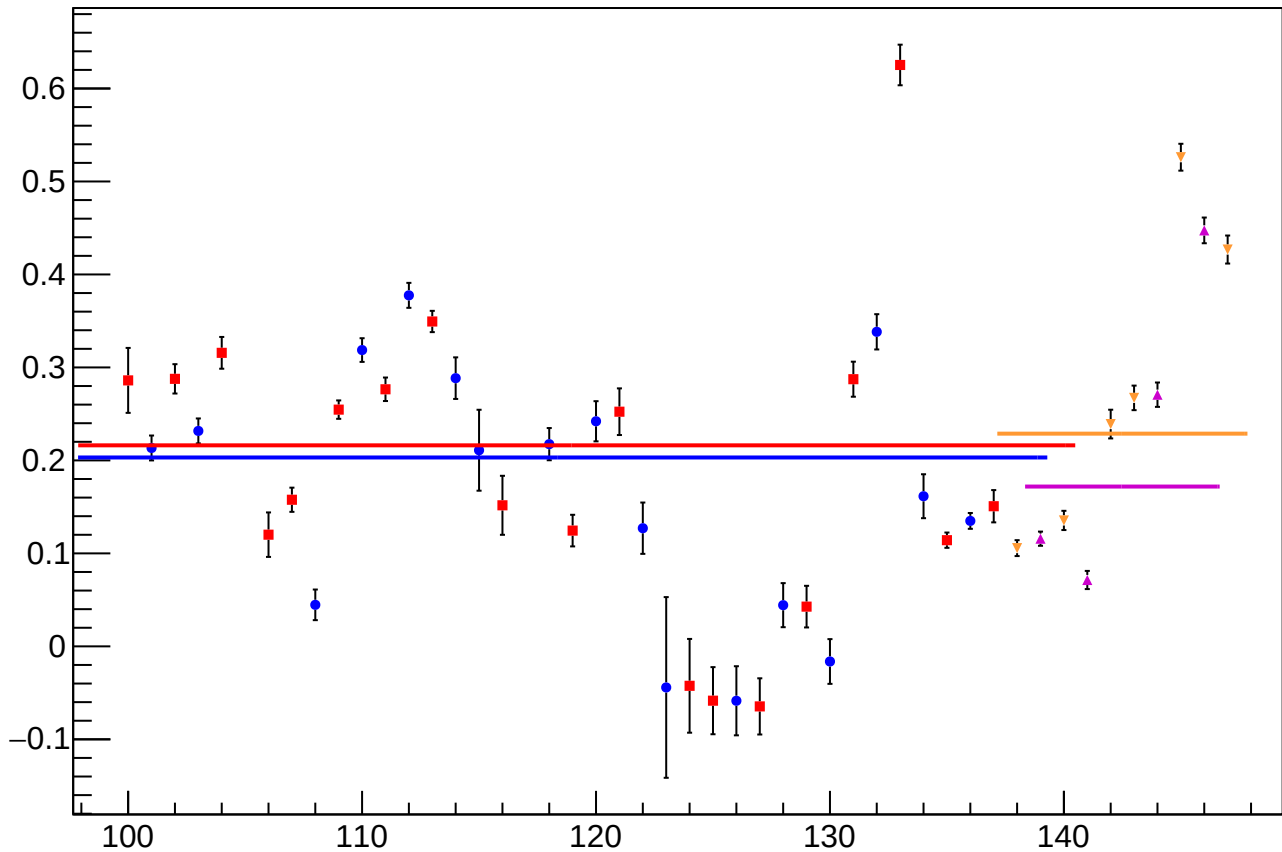
Left In: -1.695 ± 0.119 χ^2/NDF : 676.6/3

+ sign -1.487 ± 0.058 χ^2/NDF : 1731.7/22

All: -1.562 ± 0.041 χ^2/NDF : 3899.5/45

- sign -1.635 ± 0.058 χ^2/NDF : 2164.5/22

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 ± 0.004 χ^2/NDF : 677.2/16

Left Out: 0.229 ± 0.005 χ^2/NDF : 894.3/5

Right Out: 0.216 ± 0.004 χ^2/NDF : 1067.3/18

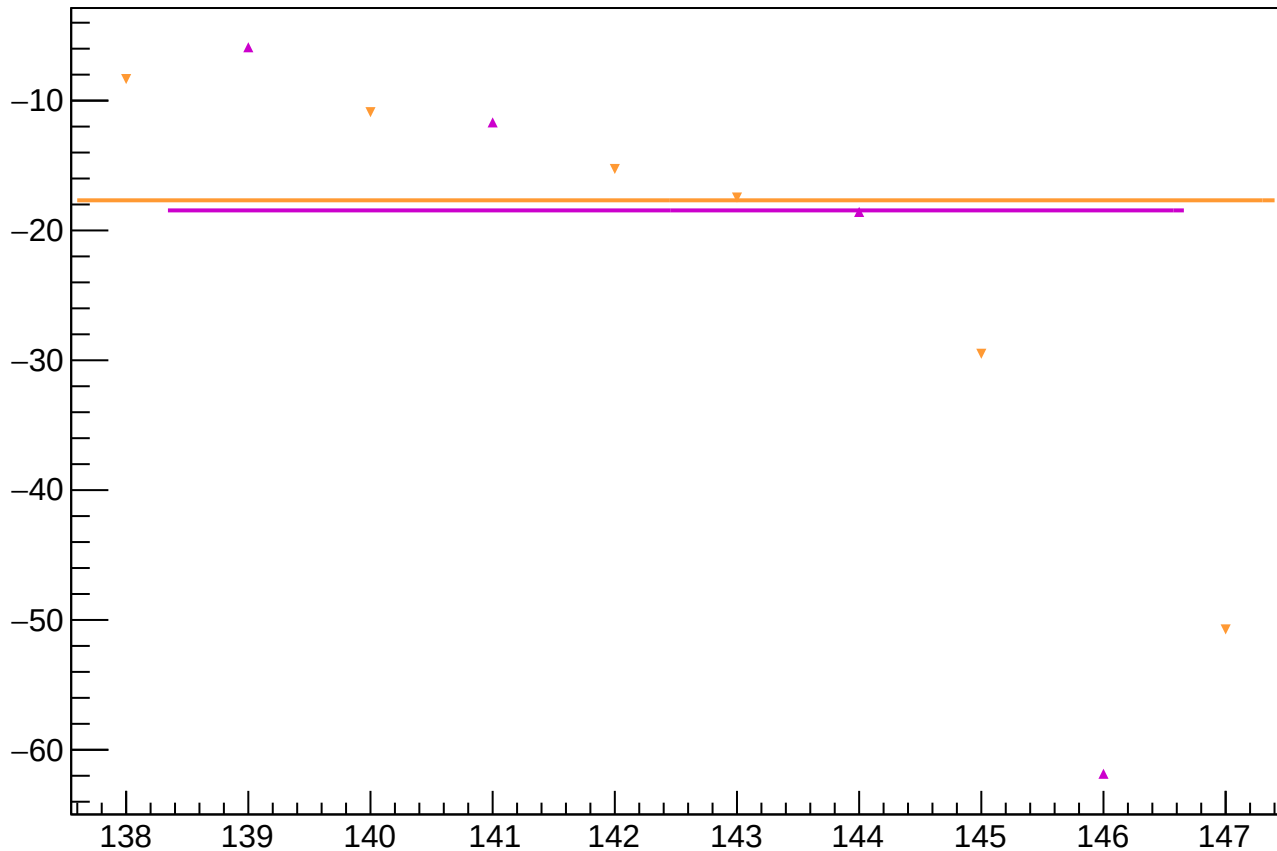
Left In: 0.172 ± 0.005 χ^2/NDF : 613.7/3

+ sign 0.214 ± 0.003 χ^2/NDF : 1587.5/22

All: 0.207 ± 0.002 χ^2/NDF : 3327.3/45

- sign 0.201 ± 0.003 χ^2/NDF : 1730.8/22

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -17.679+/-0.112 χ^2/NDF : 13576.3/5

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

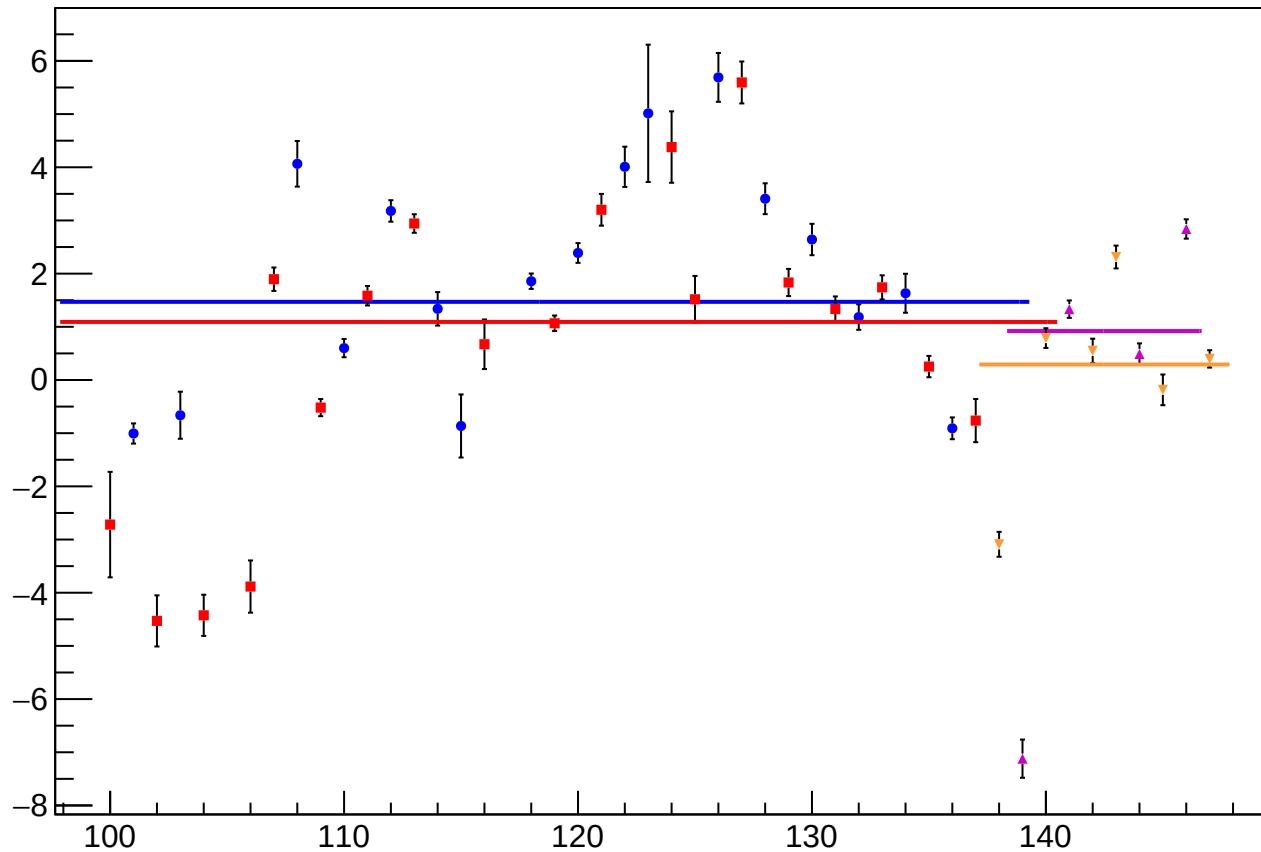
Left In: -18.456+/-0.121 χ^2/NDF : 24293.2/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.038+/-0.082 χ^2/NDF : 37891.4/9

- 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 $\pm$ 0.061 χ^2/NDF : 707.9/16

Left Out: 0.291 $\pm$ 0.085 χ^2/NDF : 308.5/5

Right Out: 1.092 $\pm$ 0.058 χ^2/NDF : 952.1/18

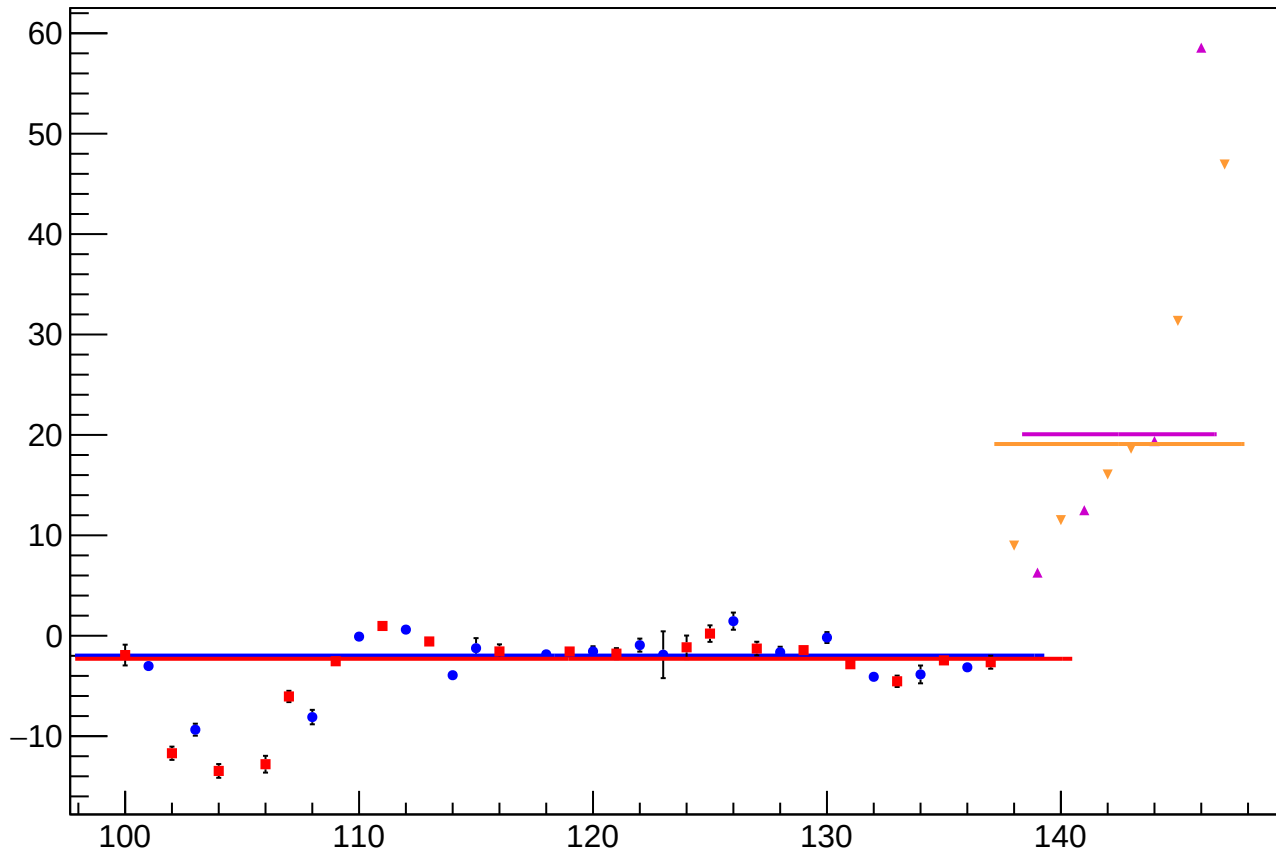
Left In: 0.920 $\pm$ 0.100 χ^2/NDF : 622.3/3

+ sign 1.072 $\pm$ 0.049 χ^2/NDF : 1143.0/22

All: 1.061 $\pm$ 0.035 χ^2/NDF : 2719.7/45

- sign 1.049 $\pm$ 0.050 χ^2/NDF : 1576.6/22

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -1.977 ± 0.110 χ^2/NDF : 463.8/16

Left Out: 19.094 ± 0.118 χ^2/NDF : 11890.8/5

Right Out: -2.294 ± 0.098 χ^2/NDF : 906.6/18

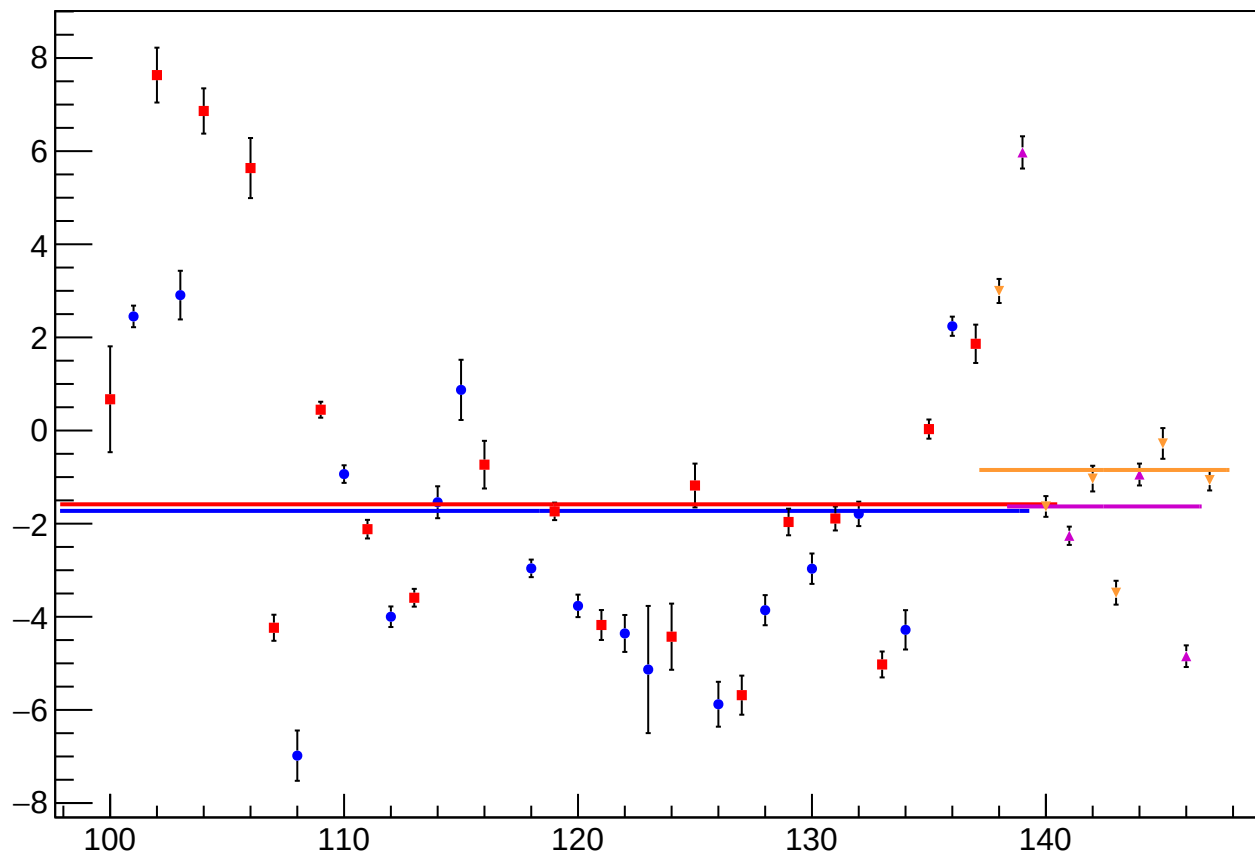
Left In: 20.066 ± 0.128 χ^2/NDF : 21821.5/3

+ sign 7.782 ± 0.081 χ^2/NDF : 29335.1/22

All: 6.878 ± 0.056 χ^2/NDF : 71524.6/45

- sign 6.032 ± 0.078 χ^2/NDF : 41946.4/22

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -0.847 ± 0.104 χ^2/NDF : 343.5/5

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

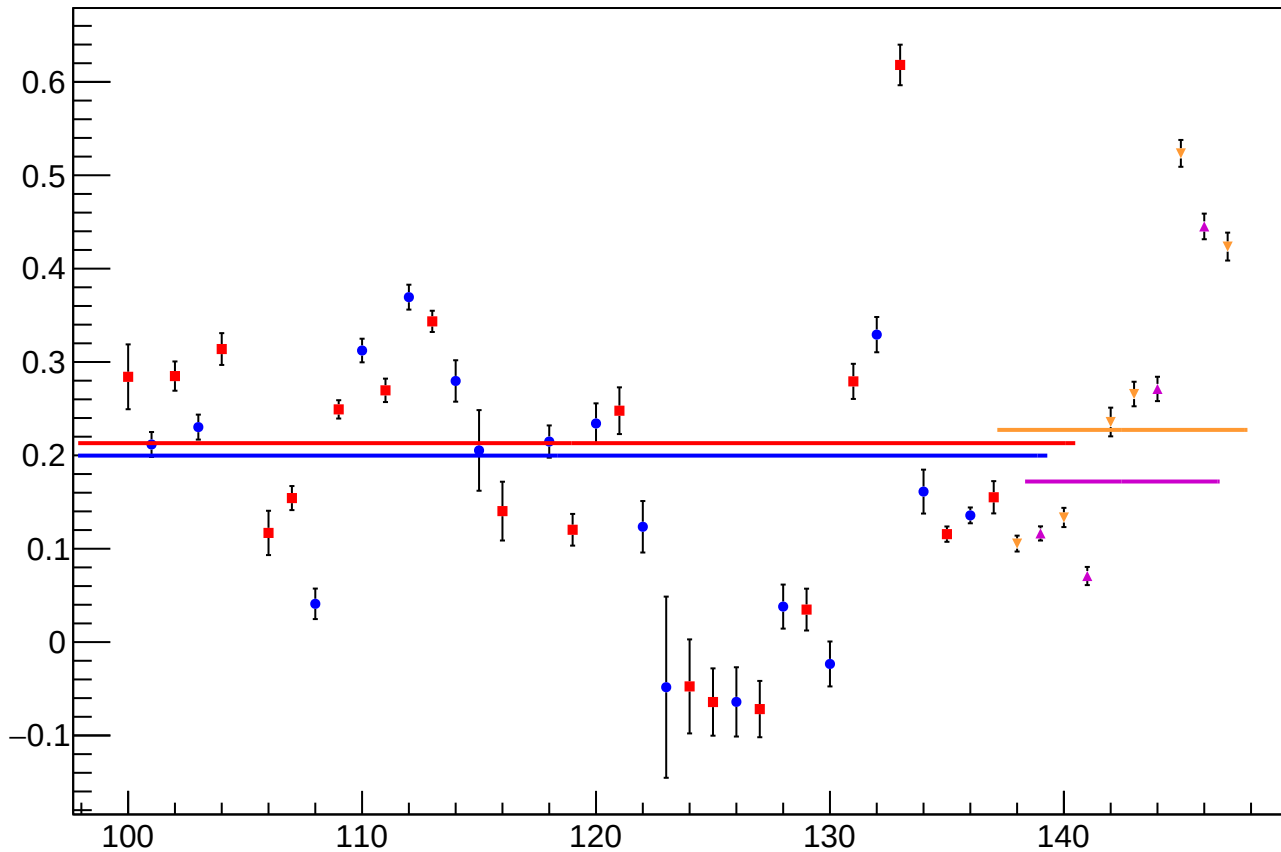
Left In: -1.630 ± 0.119 χ^2/NDF : 691.8/3

+ sign -1.452 ± 0.058 χ^2/NDF : 1734.2/22

All: -1.524 ± 0.041 χ^2/NDF : 3922.0/45

- sign -1.595 ± 0.057 χ^2/NDF : 2184.7/22

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 ± 0.004 χ^2/NDF : 662.5/16

Left Out: 0.227 ± 0.005 χ^2/NDF : 893.3/5

Right Out: 0.213 ± 0.004 χ^2/NDF : 1050.9/18

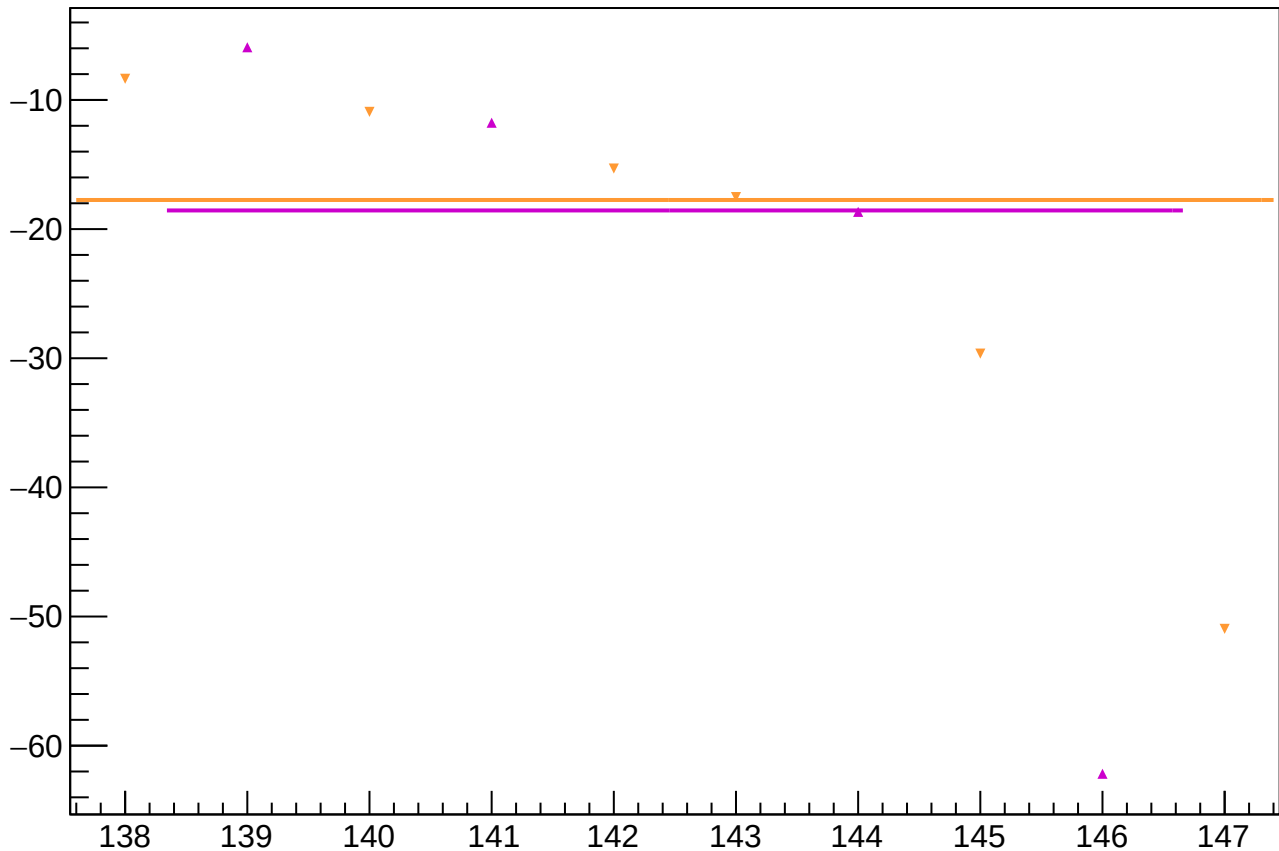
Left In: 0.172 ± 0.005 χ^2/NDF : 615.8/3

+ sign 0.211 ± 0.003 χ^2/NDF : 1574.6/22

All: 0.205 ± 0.002 χ^2/NDF : 3292.7/45

- sign 0.199 ± 0.003 χ^2/NDF : 1709.9/22

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -17.745+/-0.113 χ^2/NDF :13582.1/5

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

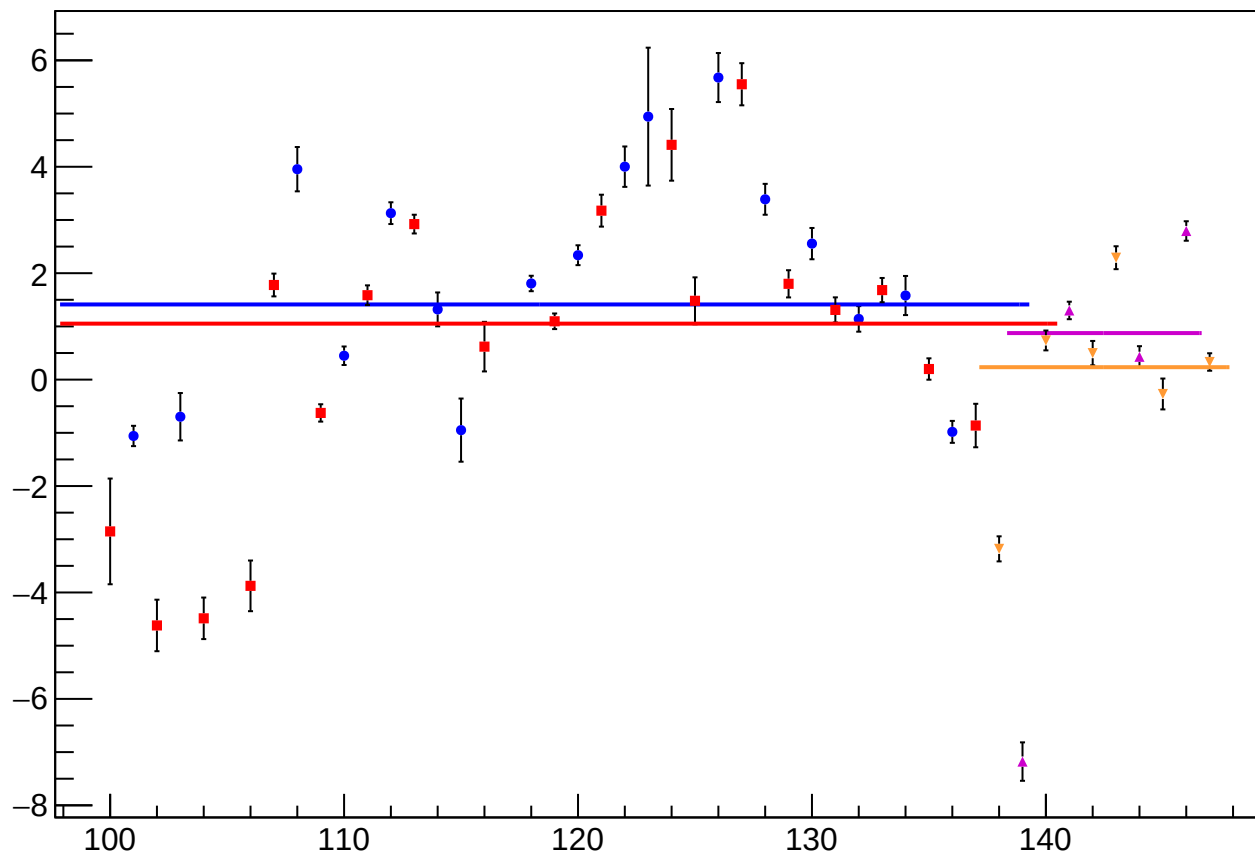
Left In: -18.556+/-0.122 χ^2/NDF :24326.5/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.119+/-0.083 χ^2/NDF : 37932.3/9

- 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: 0.233 ± 0.086 χ^2/NDF : 313.4/5

Right Out: 1.052 ± 0.058 χ^2/NDF : 963.3/18

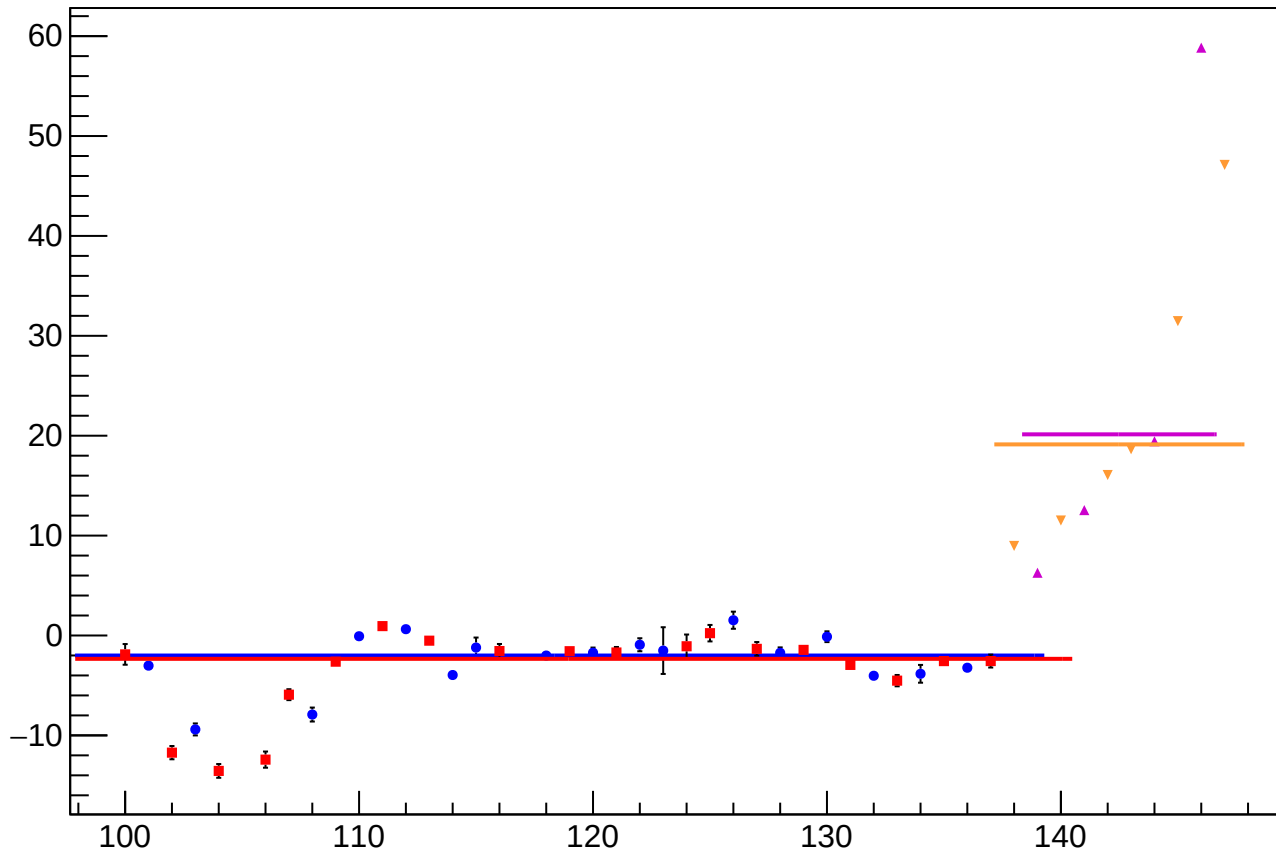
Left In: 0.875 ± 0.100 χ^2/NDF : 618.8/3

+ sign 1.015 ± 0.050 χ^2/NDF : 1153.0/22

All: 1.011 ± 0.035 χ^2/NDF : 2737.4/45

- sign 1.007 ± 0.050 χ^2/NDF : 1584.4/22

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.006 ± 0.111 χ^2/NDF : 463.3/16

Left Out: 19.130 ± 0.119 χ^2/NDF : 11898.7/5

Right Out: -2.336 ± 0.099 χ^2/NDF : 901.2/18

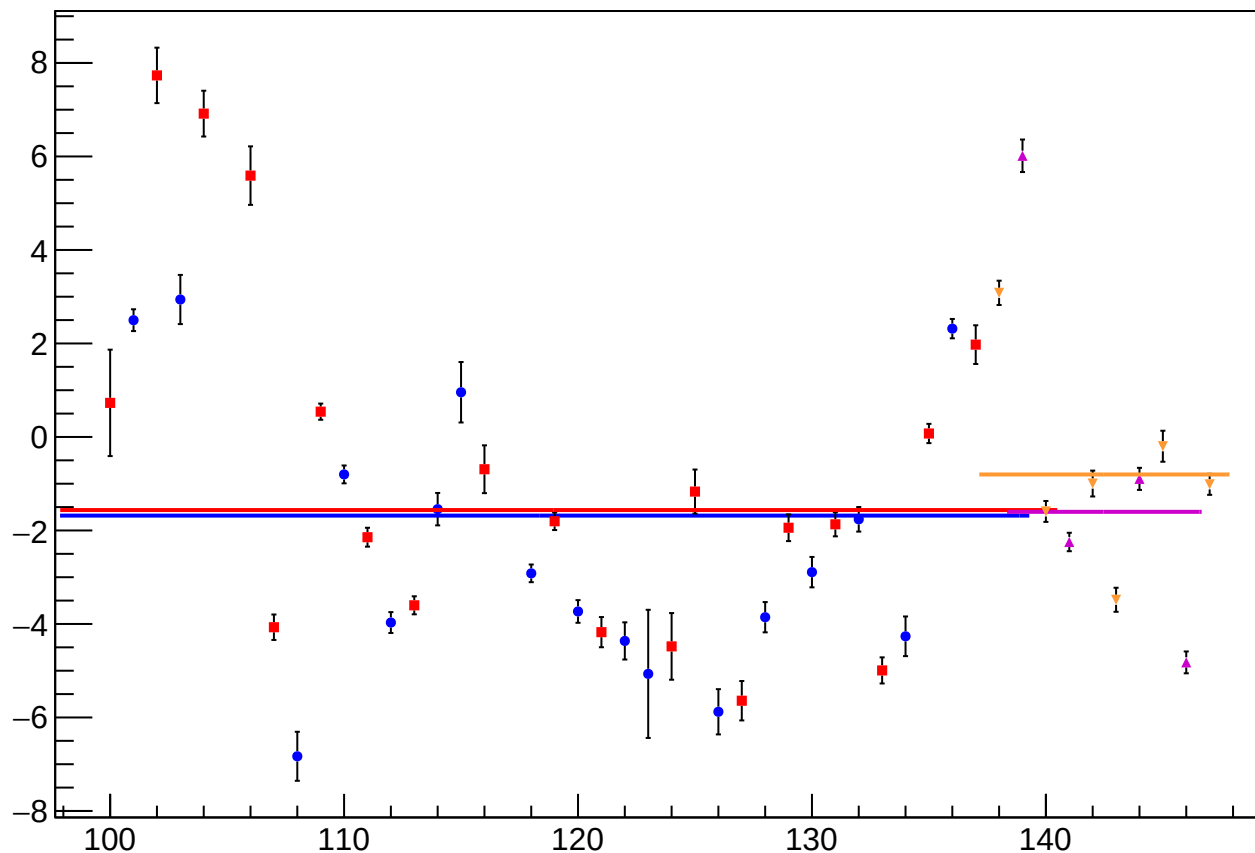
Left In: 20.137 ± 0.128 χ^2/NDF : 21854.9/3

+ sign 7.791 ± 0.081 χ^2/NDF : 29283.5/22

All: 6.885 ± 0.056 χ^2/NDF : 71516.9/45

- sign 6.038 ± 0.078 χ^2/NDF : 41991.5/22

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.682 ± 0.070 χ^2/NDF : 1347.8/16

Left Out: -0.803 ± 0.104 χ^2/NDF : 349.3/5

Right Out: -1.563 ± 0.066 χ^2/NDF : 1504.7/18

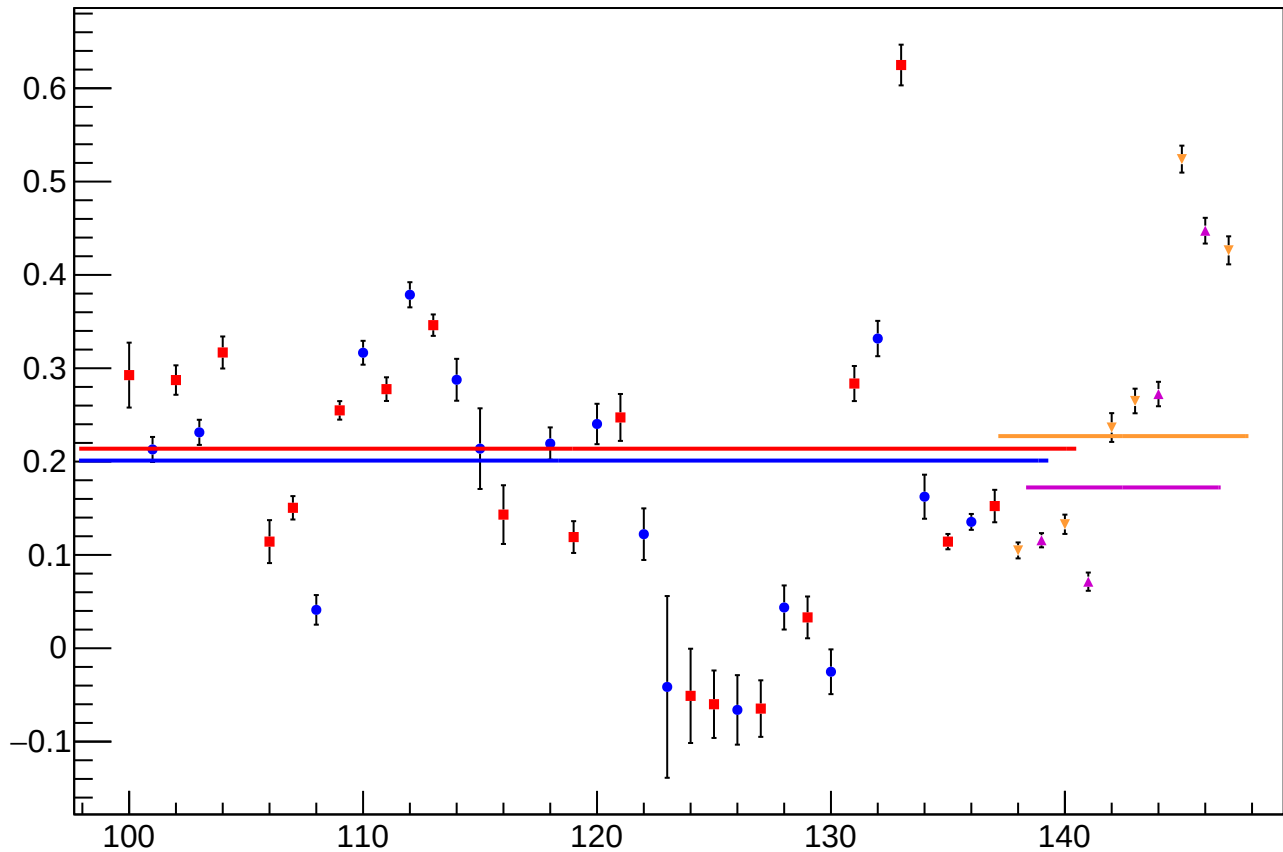
Left In: -1.602 ± 0.119 χ^2/NDF : 688.6/3

+ sign -1.408 ± 0.058 χ^2/NDF : 1745.9/22

All: -1.491 ± 0.041 χ^2/NDF : 3943.4/45

- sign -1.572 ± 0.058 χ^2/NDF : 2193.4/22

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: 0.227 $\pm$ 0.005 χ^2/NDF : 894.6/5

Right Out: 0.214 $\pm$ 0.004 χ^2/NDF : 1083.1/18

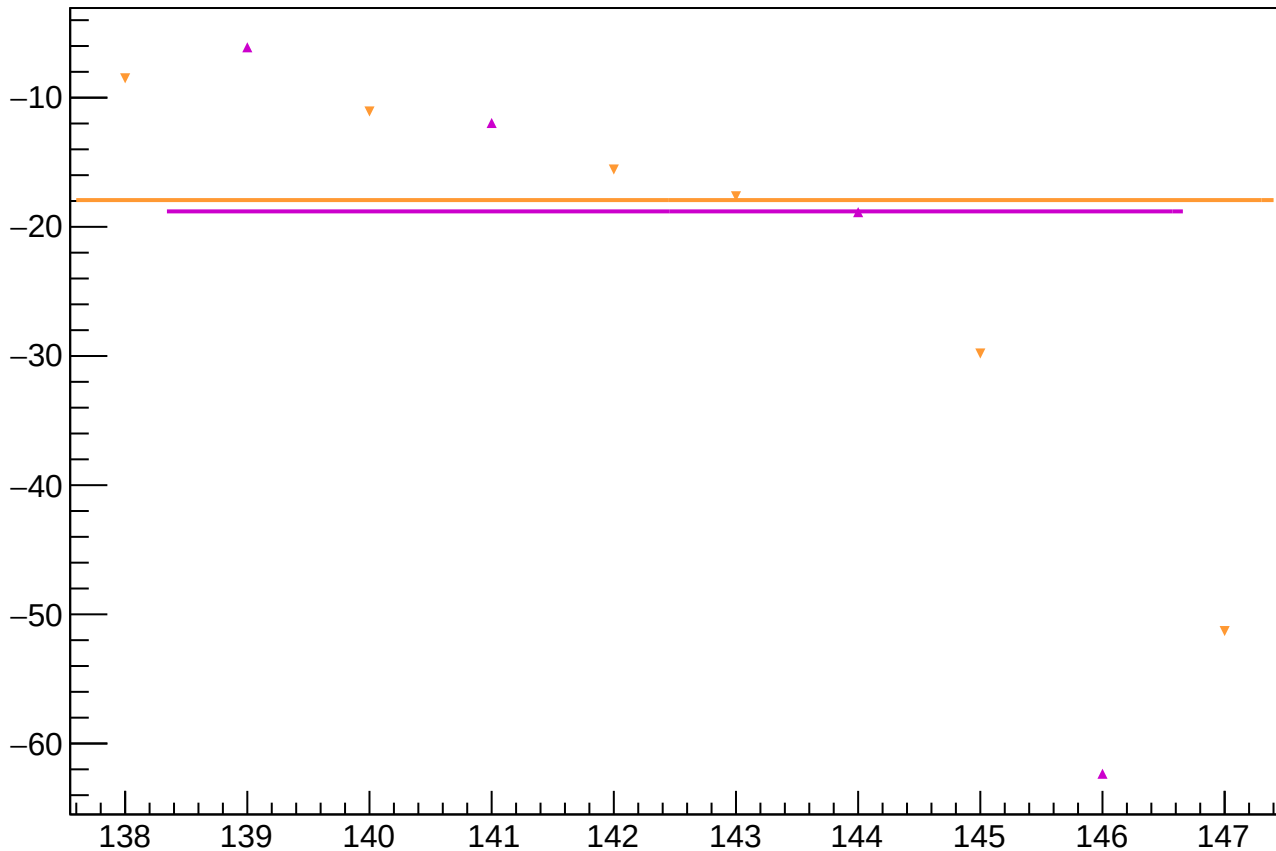
Left In: 0.172 $\pm$ 0.005 χ^2/NDF : 618.1/3

+ sign 0.212 $\pm$ 0.003 χ^2/NDF : 1602.7/22

All: 0.205 $\pm$ 0.002 χ^2/NDF : 3356.2/45

- sign 0.200 $\pm$ 0.003 χ^2/NDF : 1745.1/22

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -17.929+/-0.114 χ^2/NDF :13466.8/5

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

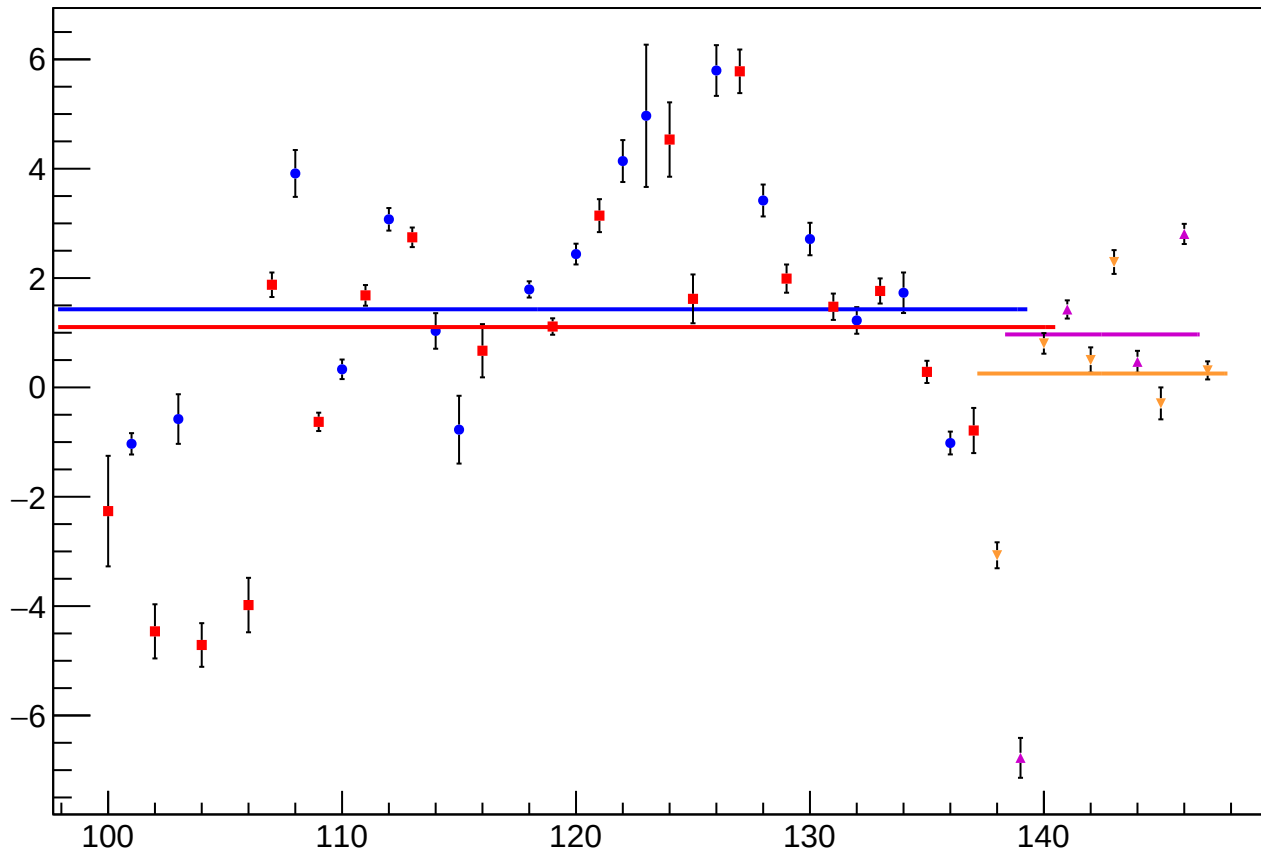
Left In: -18.804+/-0.123 χ^2/NDF :23972.1/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.332+/-0.084 χ^2/NDF : 37466.1/9

- 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: 0.254+/-0.086 χ^2/NDF : 297.1/5

Right Out: 1.104+/-0.059 χ^2/NDF : 936.5/18

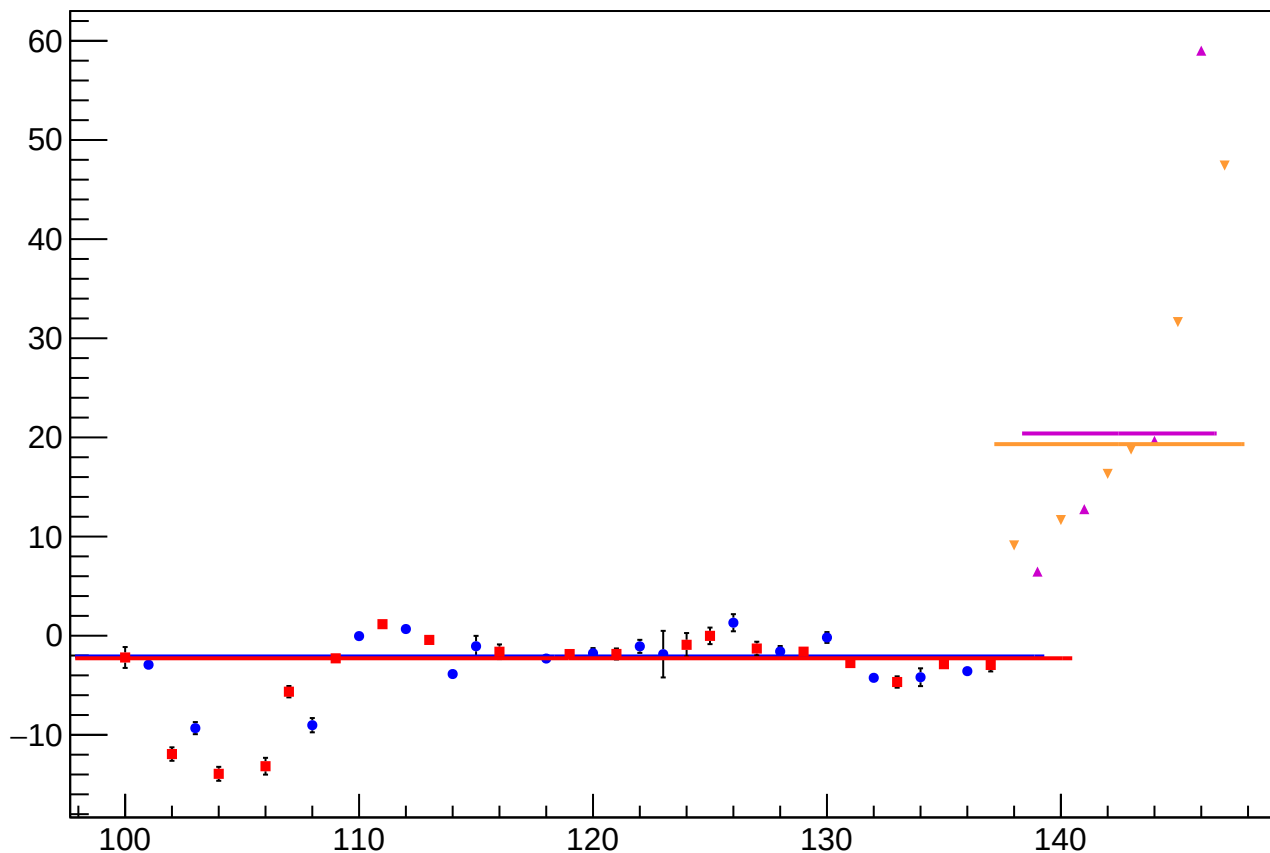
Left In: 0.969+/-0.101 χ^2/NDF : 563.7/3

+ sign 1.028+/-0.050 χ^2/NDF : 1130.4/22

All: 1.048+/-0.036 χ^2/NDF : 2632.3/45

- sign 1.069+/-0.051 χ^2/NDF : 1501.5/22

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.094 ± 0.113 χ^2/NDF : 486.5/16

Left Out: 19.322 ± 0.120 χ^2/NDF : 11790.4/5

Right Out: -2.278 ± 0.101 χ^2/NDF : 918.6/18

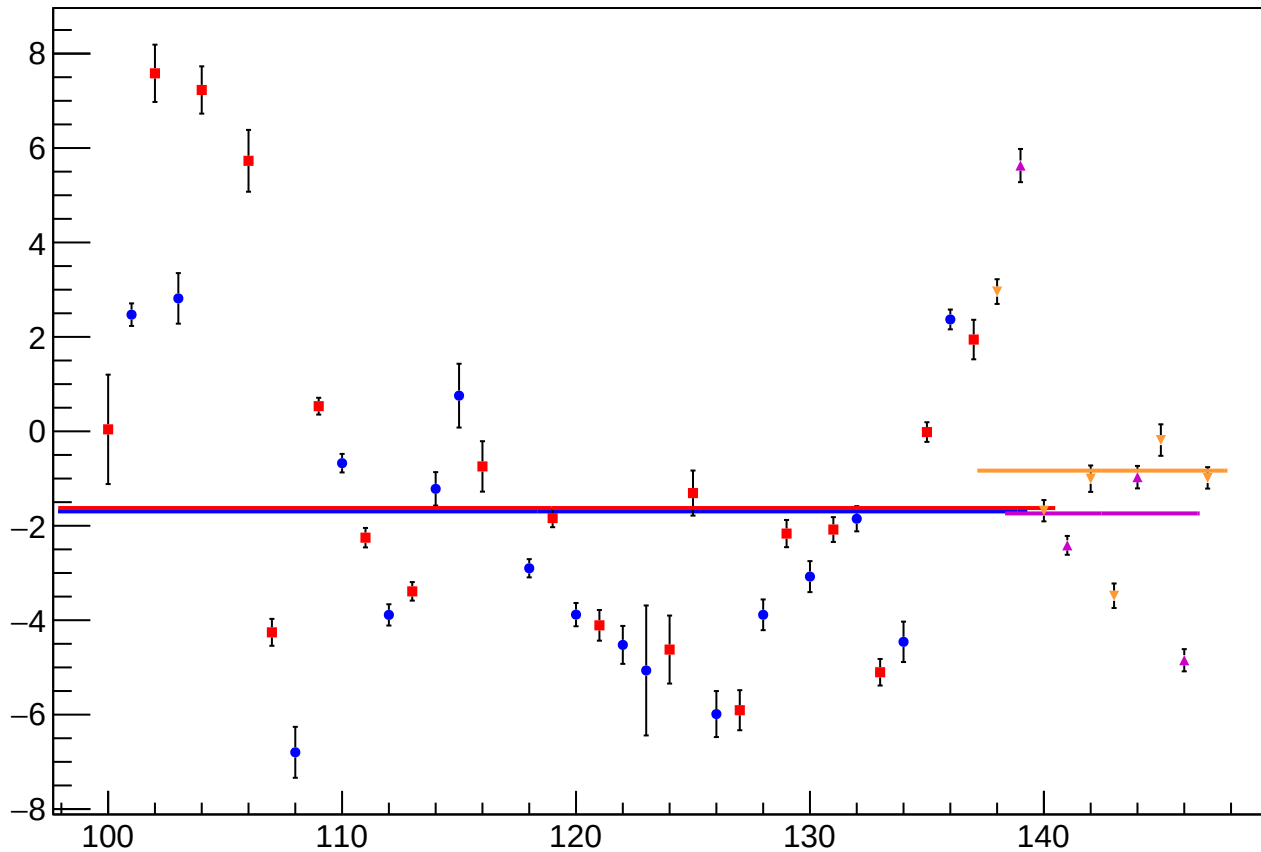
Left In: 20.398 ± 0.130 χ^2/NDF : 21517.1/3

+ sign 7.924 ± 0.082 χ^2/NDF : 29200.9/22

All: 7.082 ± 0.057 χ^2/NDF : 70884.4/45

- sign 6.291 ± 0.080 χ^2/NDF : 41479.9/22

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.696 ± 0.072 χ^2/NDF : 1333.3/16

Left Out: -0.832 ± 0.105 χ^2/NDF : 332.0/5

Right Out: -1.624 ± 0.067 χ^2/NDF : 1467.3/18

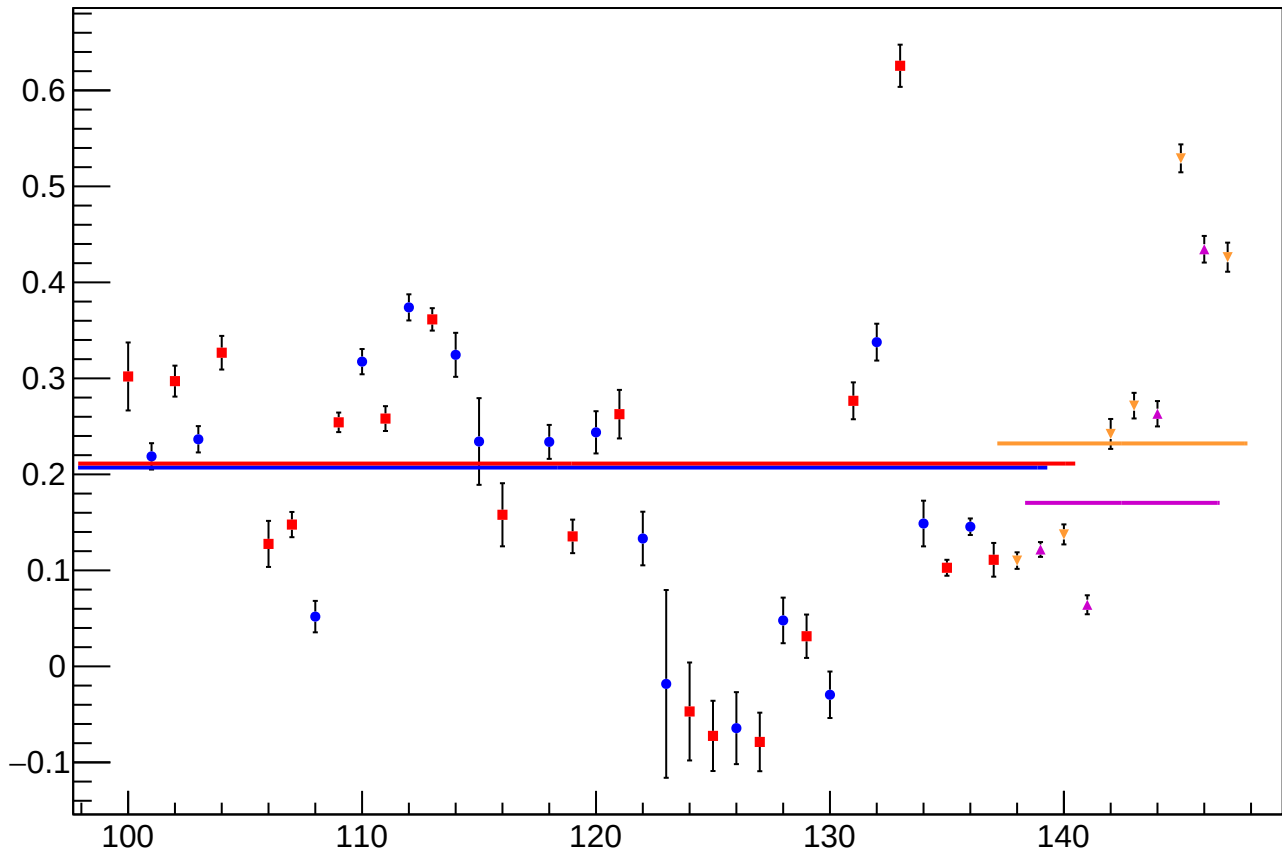
Left In: -1.738 ± 0.120 χ^2/NDF : 635.8/3

+ sign -1.423 ± 0.059 χ^2/NDF : 1711.3/22

All: -1.539 ± 0.042 χ^2/NDF : 3822.6/45

- sign -1.651 ± 0.059 χ^2/NDF : 2103.8/22

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 χ^2/NDF : 656.3/16

Left Out: 0.232 ± 0.005 χ^2/NDF : 872.7/5

Right Out: 0.211 ± 0.004 χ^2/NDF : 1145.7/18

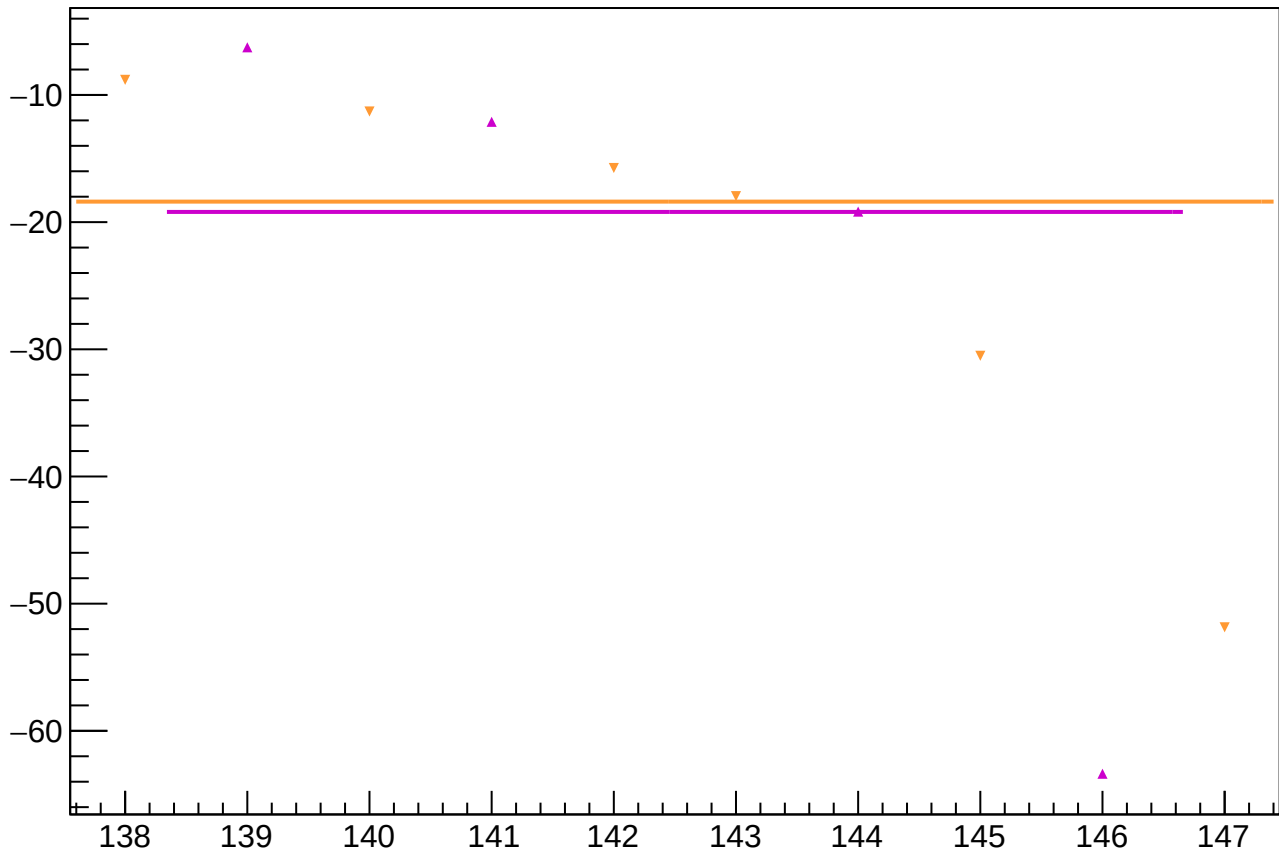
Left In: 0.170 ± 0.005 χ^2/NDF : 566.7/3

+ sign 0.218 ± 0.003 χ^2/NDF : 1544.0/22

All: 0.207 ± 0.002 χ^2/NDF : 3320.0/45

- sign 0.197 ± 0.003 χ^2/NDF : 1753.7/22

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -18.386+/-0.116 χ^2/NDF :13271.8/5

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

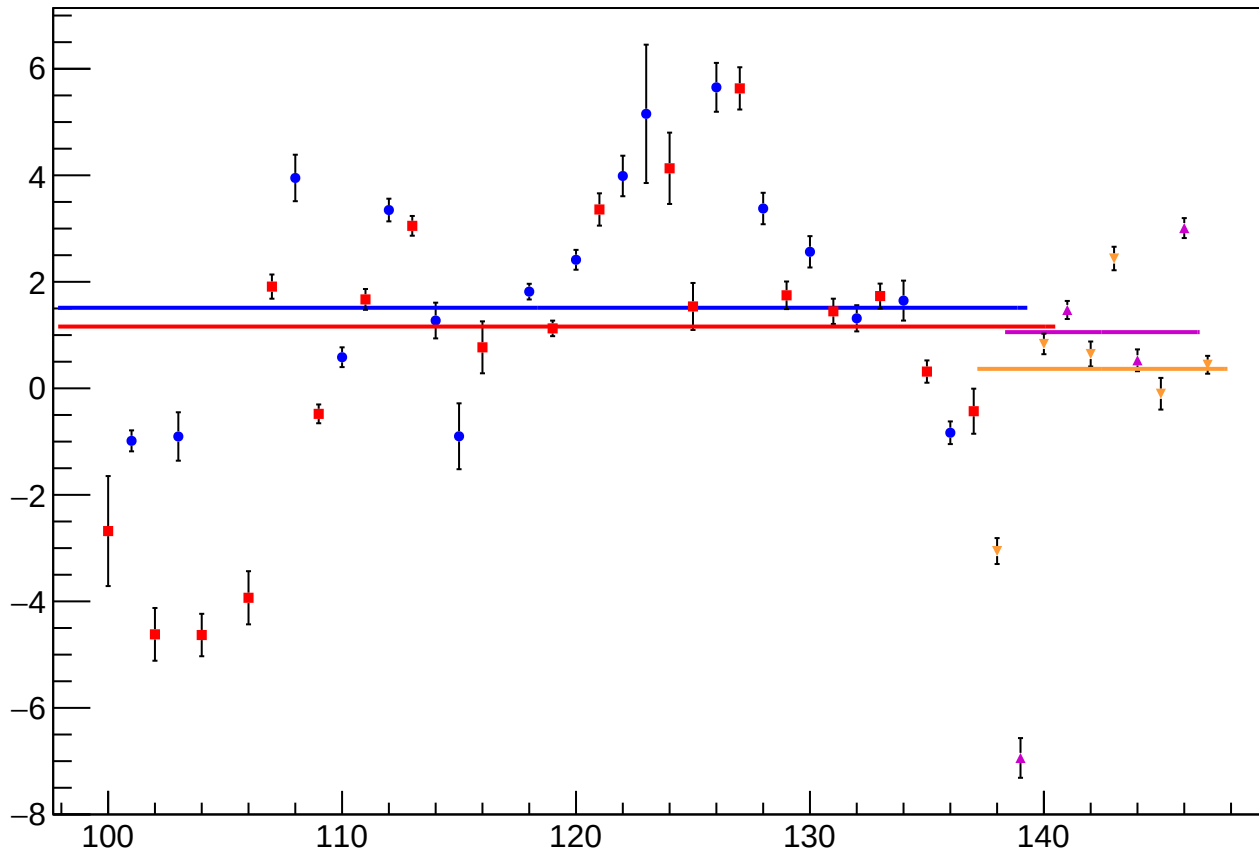
Left In: -19.197+/-0.126 χ^2/NDF :23921.8/3

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.760+/-0.085 χ^2/NDF : 37216.0/9

- 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 ± 0.063 χ^2/NDF : 669.7/16

Left Out: 0.366 ± 0.088 χ^2/NDF : 295.6/5

Right Out: 1.160 ± 0.060 χ^2/NDF : 917.0/18

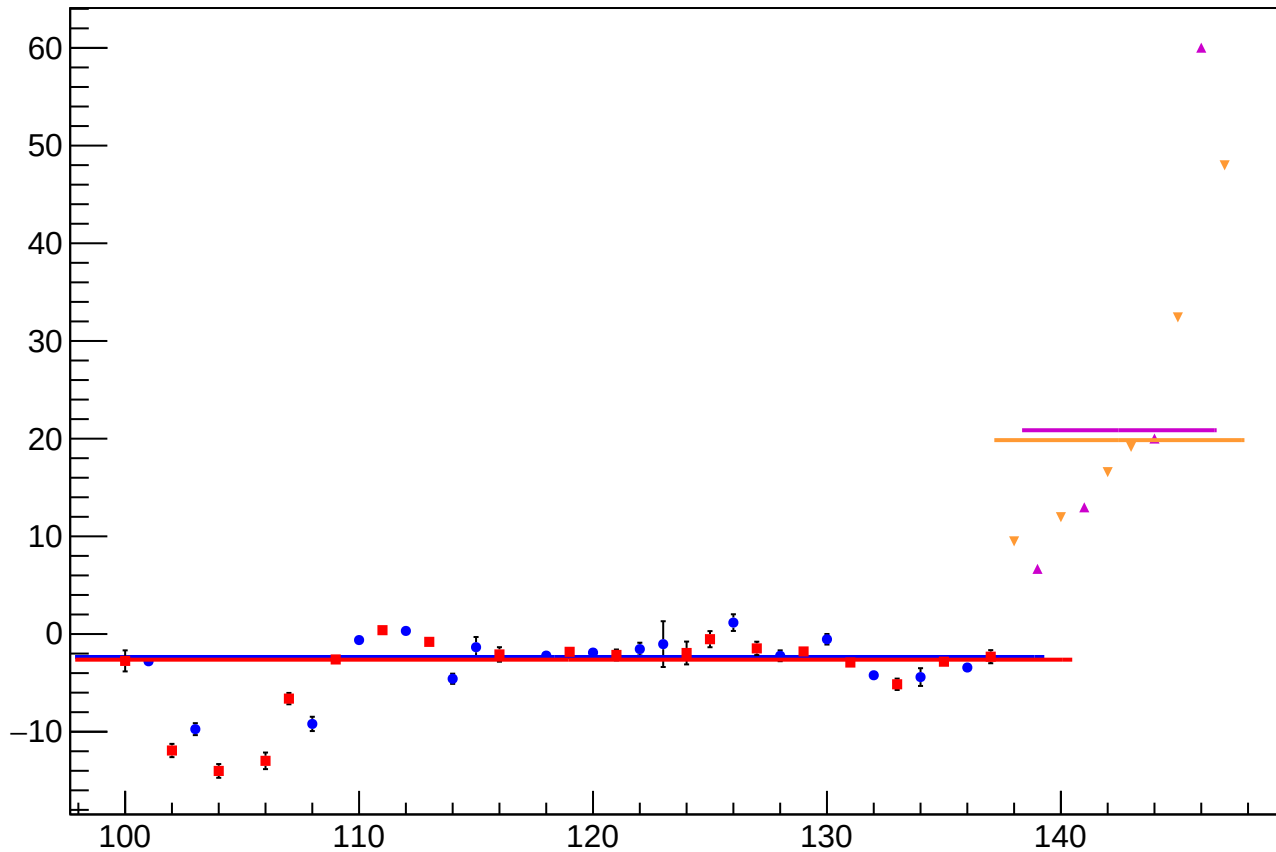
Left In: 1.056 ± 0.103 χ^2/NDF : 581.0/3

+ sign 1.126 ± 0.051 χ^2/NDF : 1078.1/22

All: 1.130 ± 0.036 χ^2/NDF : 2577.0/45

- sign 1.134 ± 0.052 χ^2/NDF : 1498.8/22

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.350 ± 0.114 χ^2/NDF : 439.7/16

Left Out: 19.849 ± 0.123 χ^2/NDF : 11591.8/5

Right Out: -2.624 ± 0.103 χ^2/NDF : 840.4/18

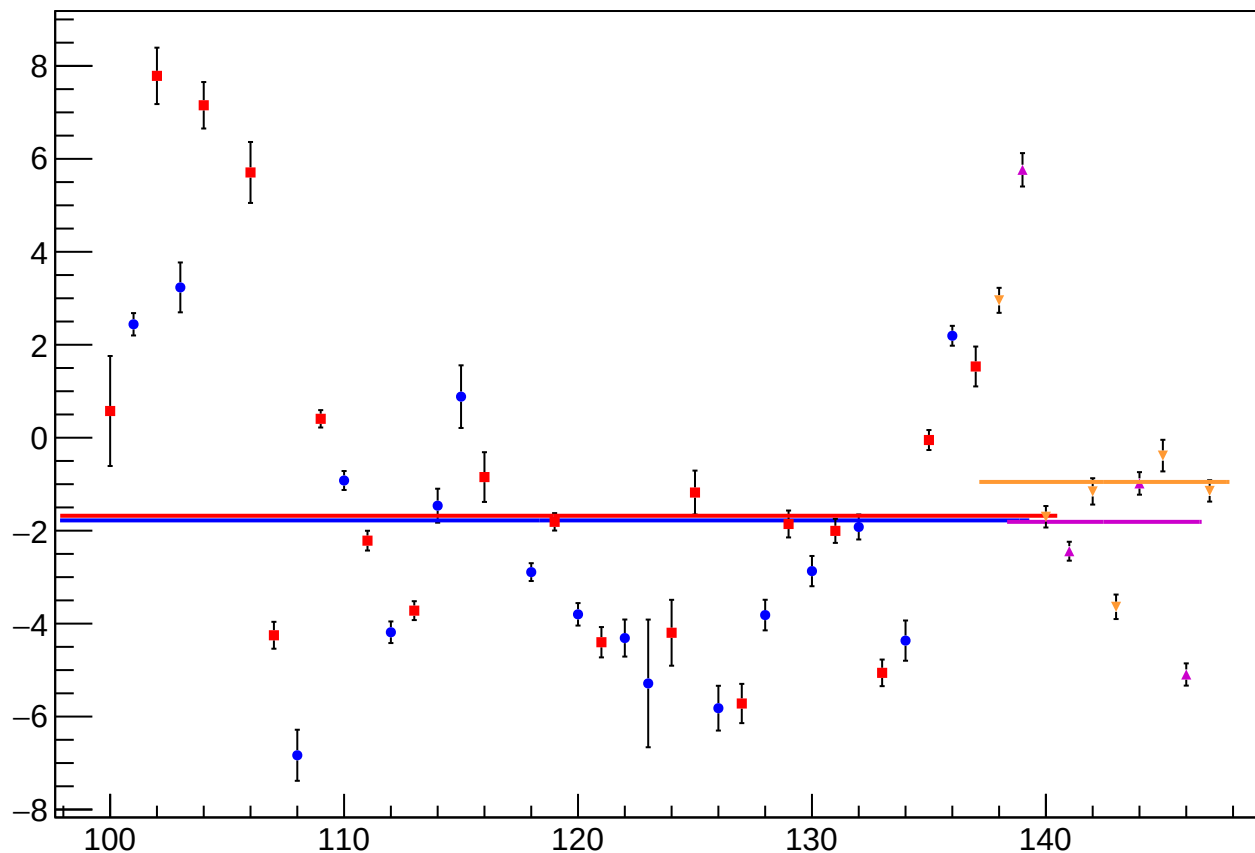
Left In: 20.862 ± 0.132 χ^2/NDF : 21455.7/3

+ sign 7.979 ± 0.084 χ^2/NDF : 29581.3/22

All: 7.104 ± 0.058 χ^2/NDF : 71704.3/45

- sign 6.276 ± 0.081 χ^2/NDF : 41910.0/22

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.779+/-0.072 χ^2/NDF : 1272.1/16

Left Out: -0.951+/-0.107 χ^2/NDF : 329.5/5

Right Out: -1.679+/-0.068 χ^2/NDF : 1429.6/18

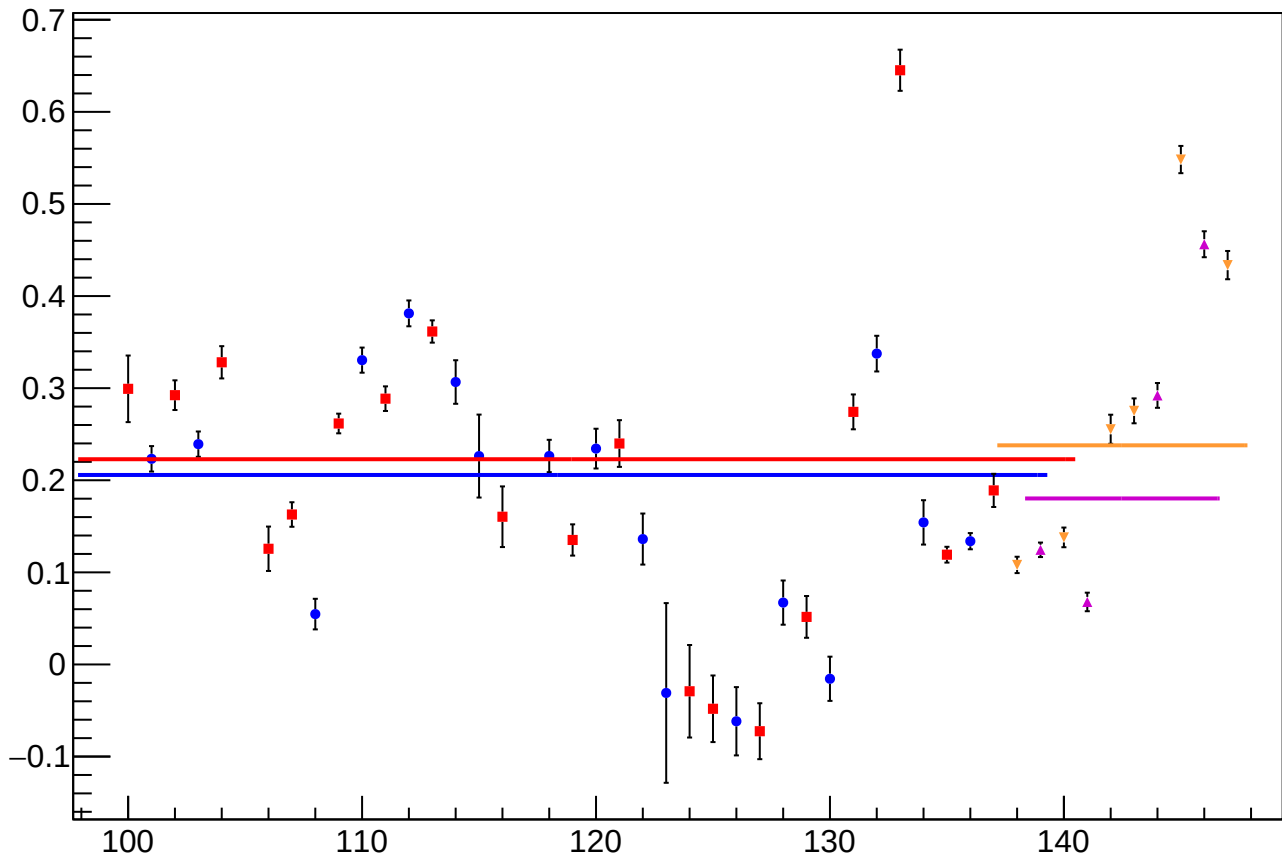
Left In: -1.810+/-0.123 χ^2/NDF : 654.4/3

+ sign -1.521+/-0.060 χ^2/NDF : 1642.6/22

All: -1.616+/-0.042 χ^2/NDF : 3732.4/45

- sign -1.710+/-0.059 χ^2/NDF : 2084.8/22

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 ± 0.004 χ^2/NDF : 651.8/16

Left Out: 0.238 ± 0.005 χ^2/NDF : 913.0/5

Right Out: 0.223 ± 0.004 χ^2/NDF : 1042.2/18

Left In: 0.180 ± 0.005 χ^2/NDF : 626.8/3

+ sign 0.219 ± 0.003 χ^2/NDF : 1588.7/22

All: 0.213 ± 0.002 χ^2/NDF : 3307.1/45

- sign 0.208 ± 0.003 χ^2/NDF : 1712.0/22