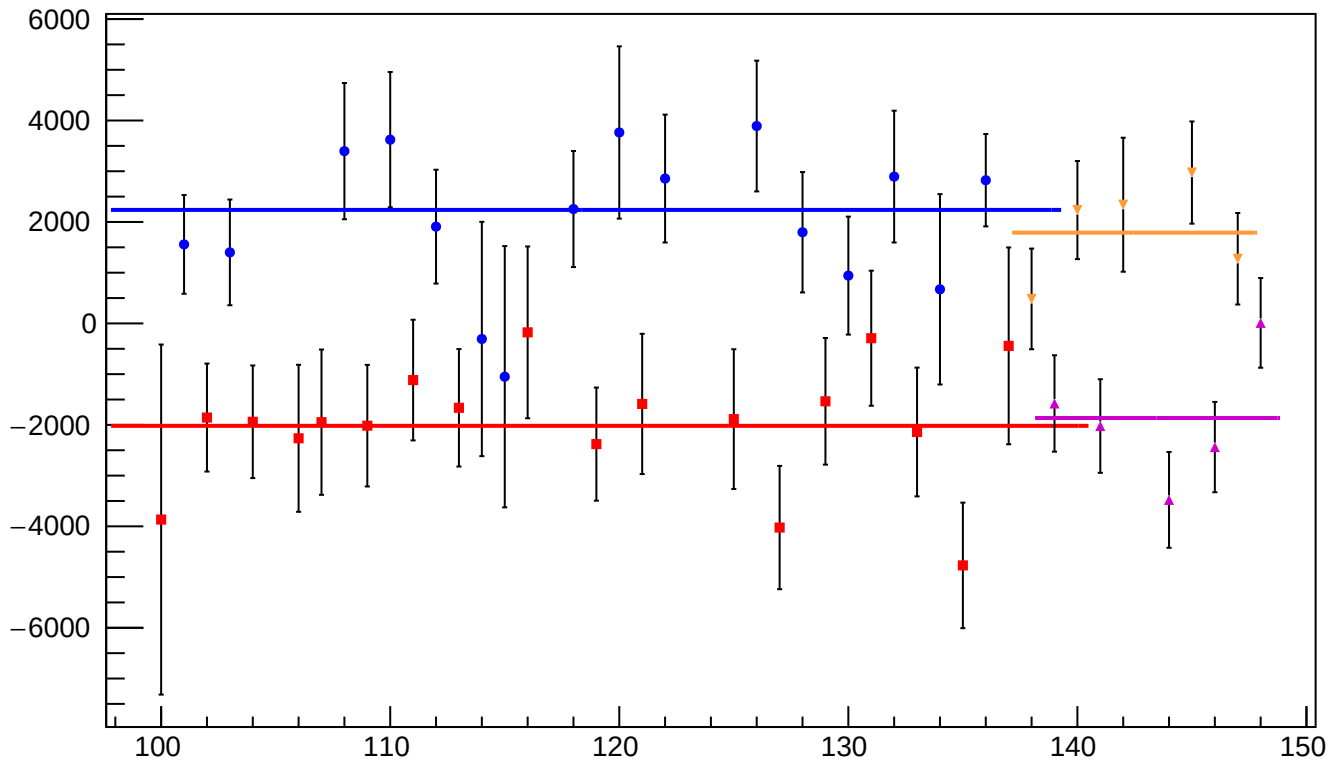


dit_asym_us_avg_mean vs Slug



Right In: 2237.929+/-314.642

χ^2/NDF : 11.3/15

+ sign 2091.954+/-258.412

χ^2/NDF : 15.8/20

Left Out: 1789.443+/-452.947

χ^2/NDF : 3.8/4

All: -31.279+/-178.358

χ^2/NDF : 165.4/43

Right Out: -2018.625+/-308.362

χ^2/NDF : 12.6/17

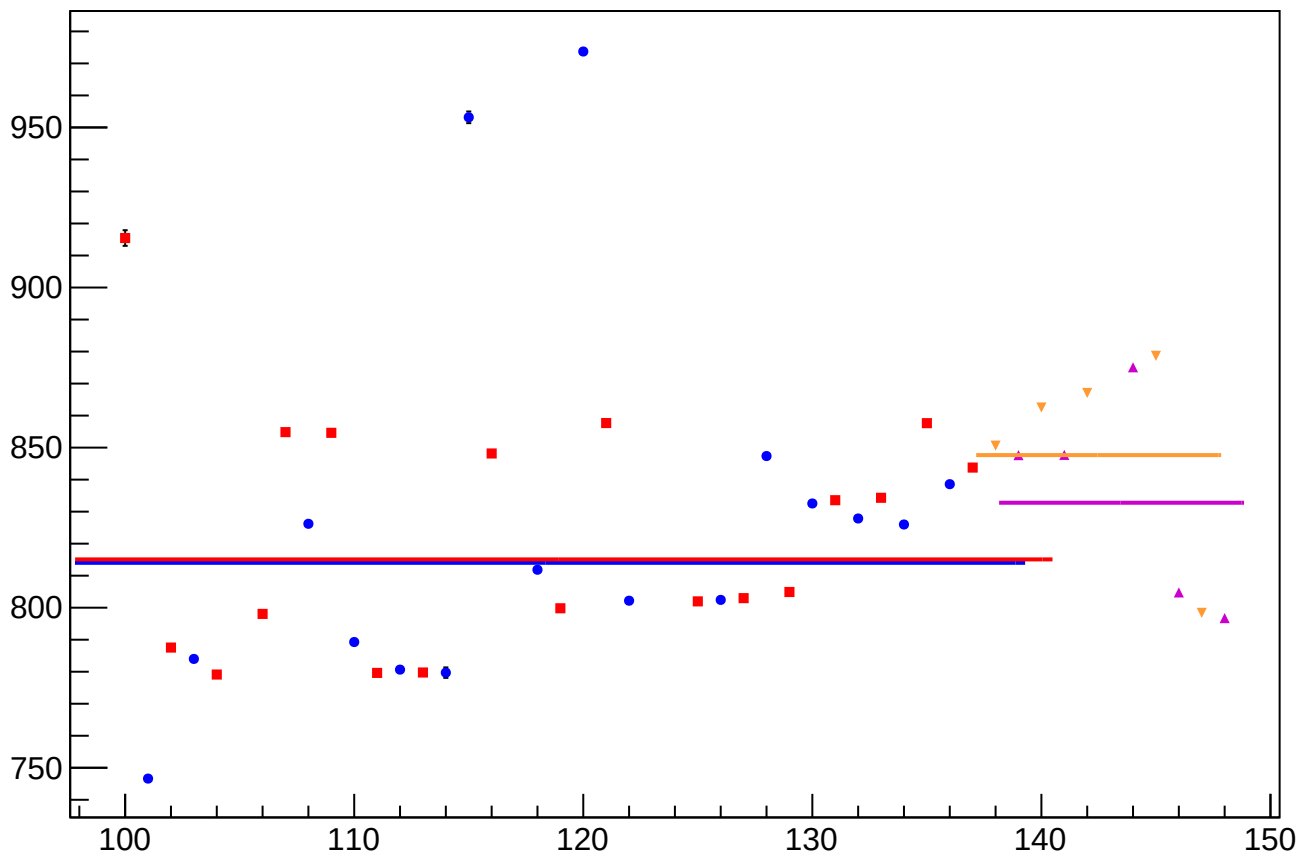
- sign -1963.025+/-246.484

χ^2/NDF : 20.6/22

Left In: -1864.636+/-410.200

χ^2/NDF : 8.0/4

dit_asym_us_avg_rms vs Slug



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

Left Out: 847.662+/-0.320 χ^2/NDF : 8786.6/4

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

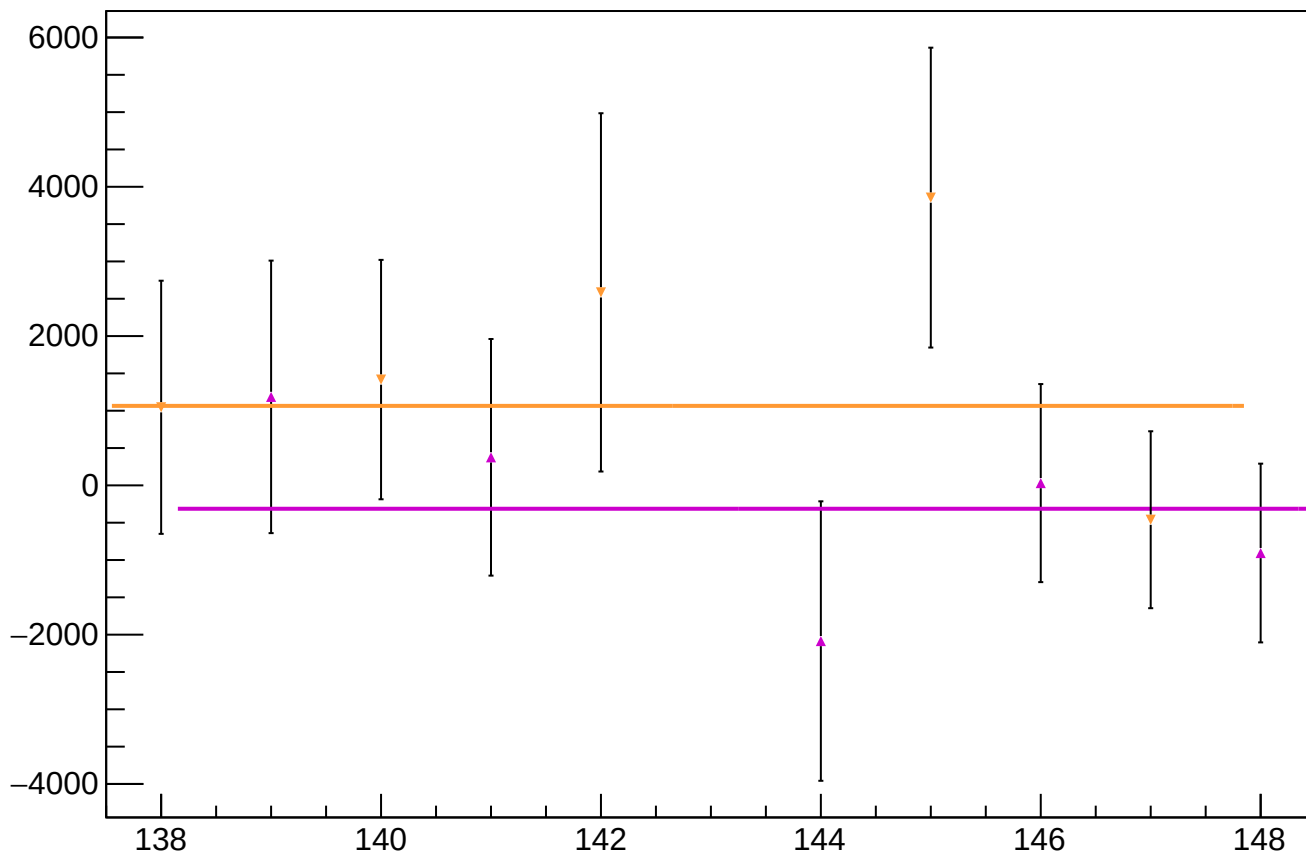
Left In: 832.782+/-0.290 χ^2/NDF : 10327.7/4

+ sign 824.971+/-0.183 χ^2/NDF : 58269.9/20

All: 823.140+/-0.126 χ^2/NDF : 91127.2/43

- sign 821.474+/-0.174 χ^2/NDF : 32665.5/22

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

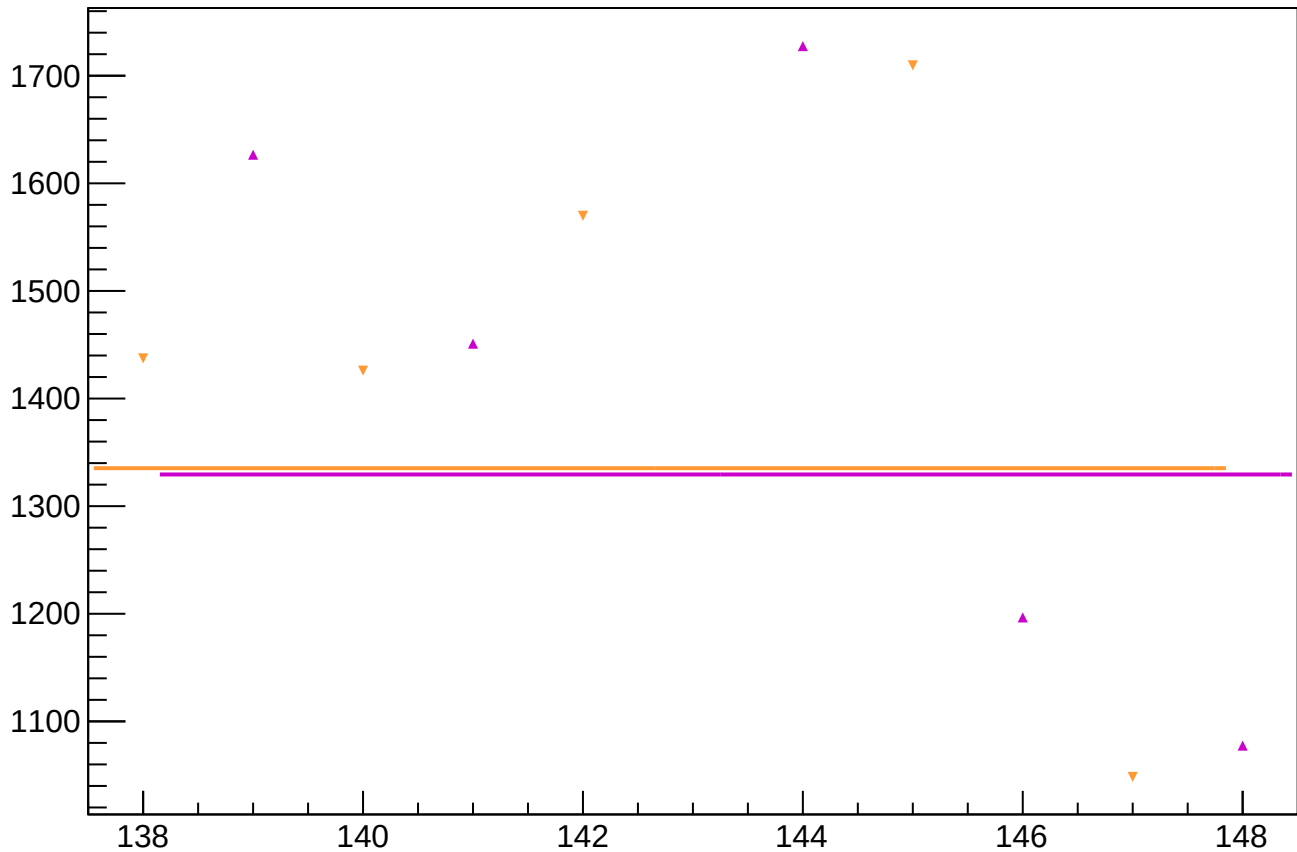
Left In: -313.273+/-666.775 χ^2/NDF : 2.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.412+/-492.701 χ^2/NDF : 8.0/9

- 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

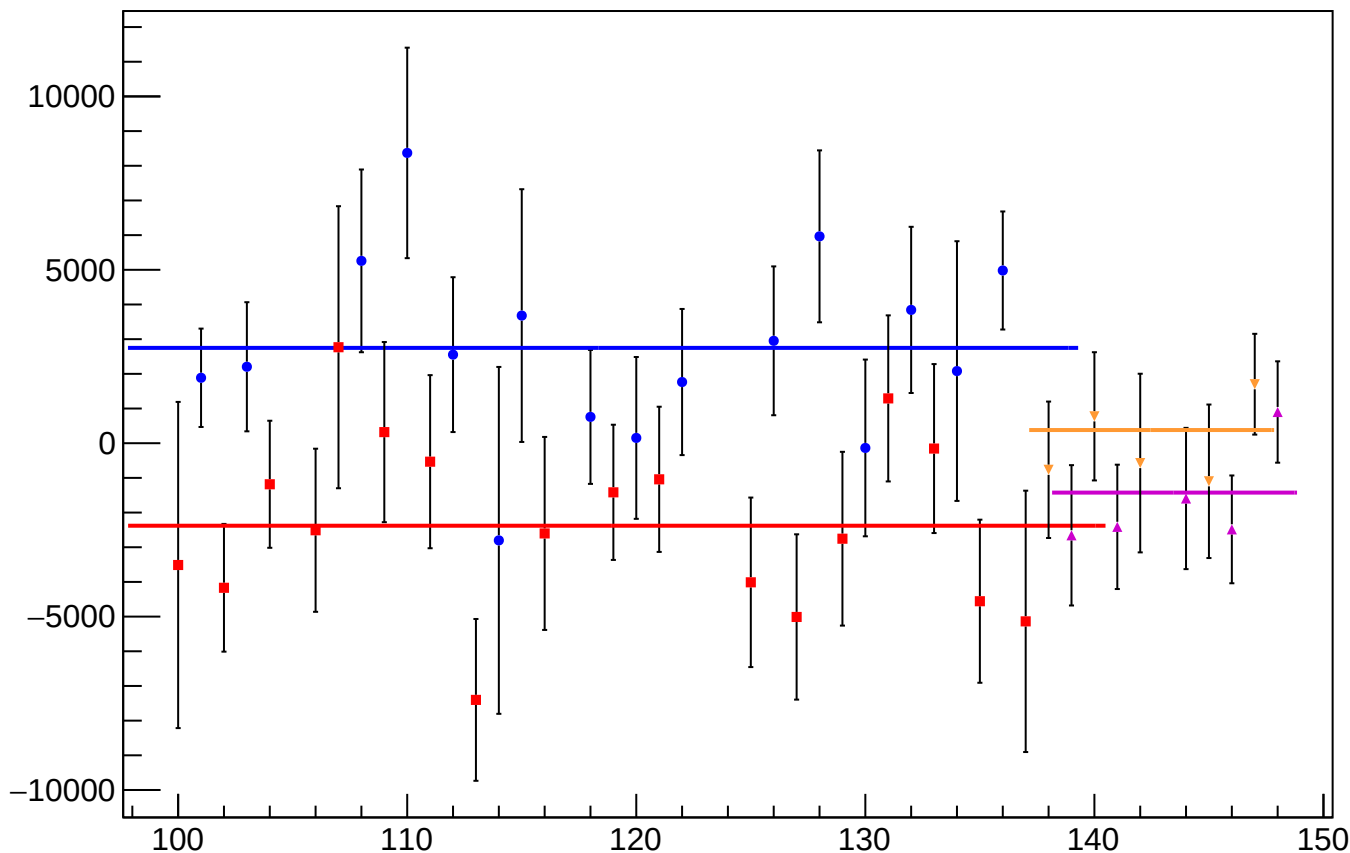
Left In: 1329.434+/-0.471 χ^2/NDF : 263835.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.093+/-0.348 χ^2/NDF : 483290.5/9

- 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

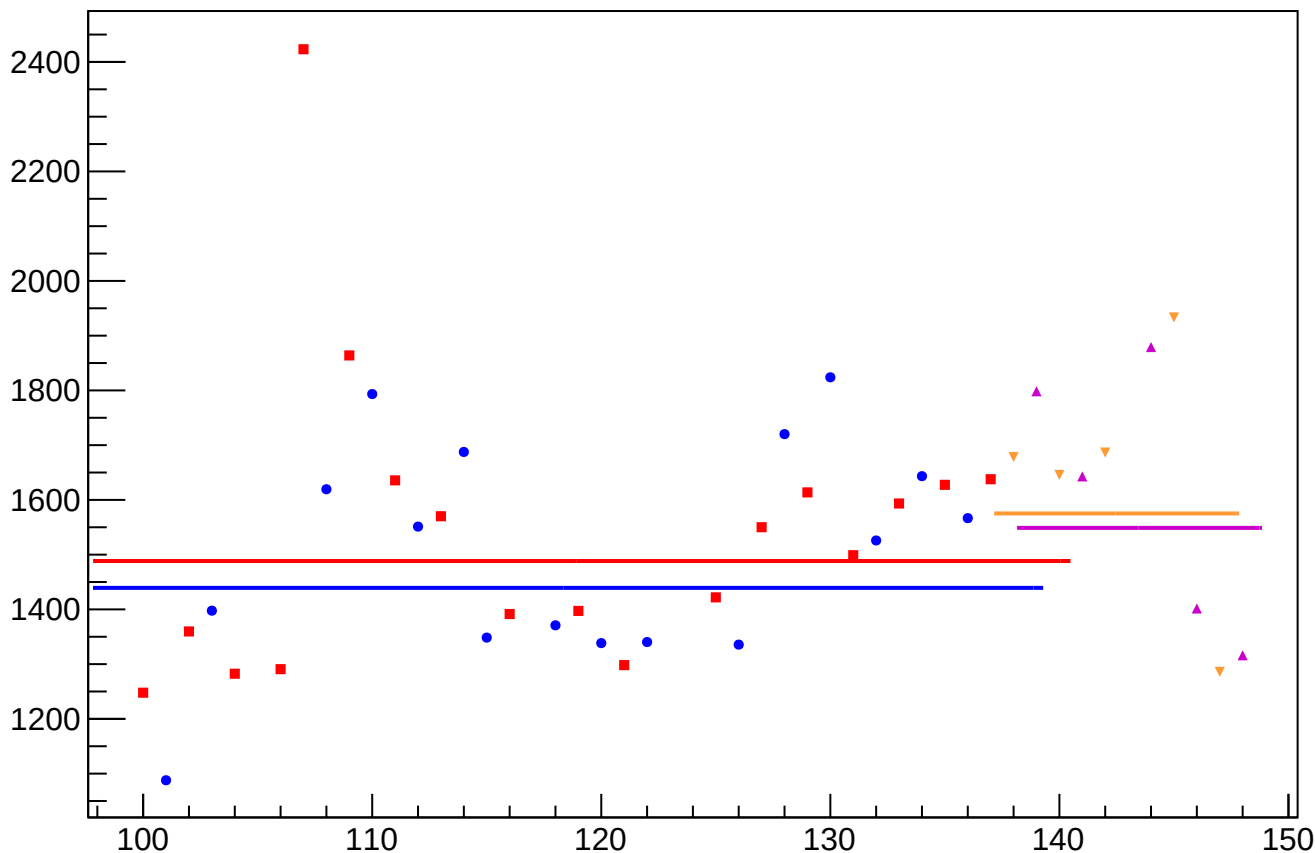
Left In: -1424.485 $\pm$ 771.854 χ^2 /NDF: 3.7/4

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

All: -58.439 $\pm$ 327.867 χ^2 /NDF: 80.1/43

- sign -2043.234 $\pm$ 457.984 χ^2 /NDF: 20.9/22

asym_us_avg_rms vs Slug



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

Left Out: 1575.257+/-0.602 χ^2/NDF :143738.6/4

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

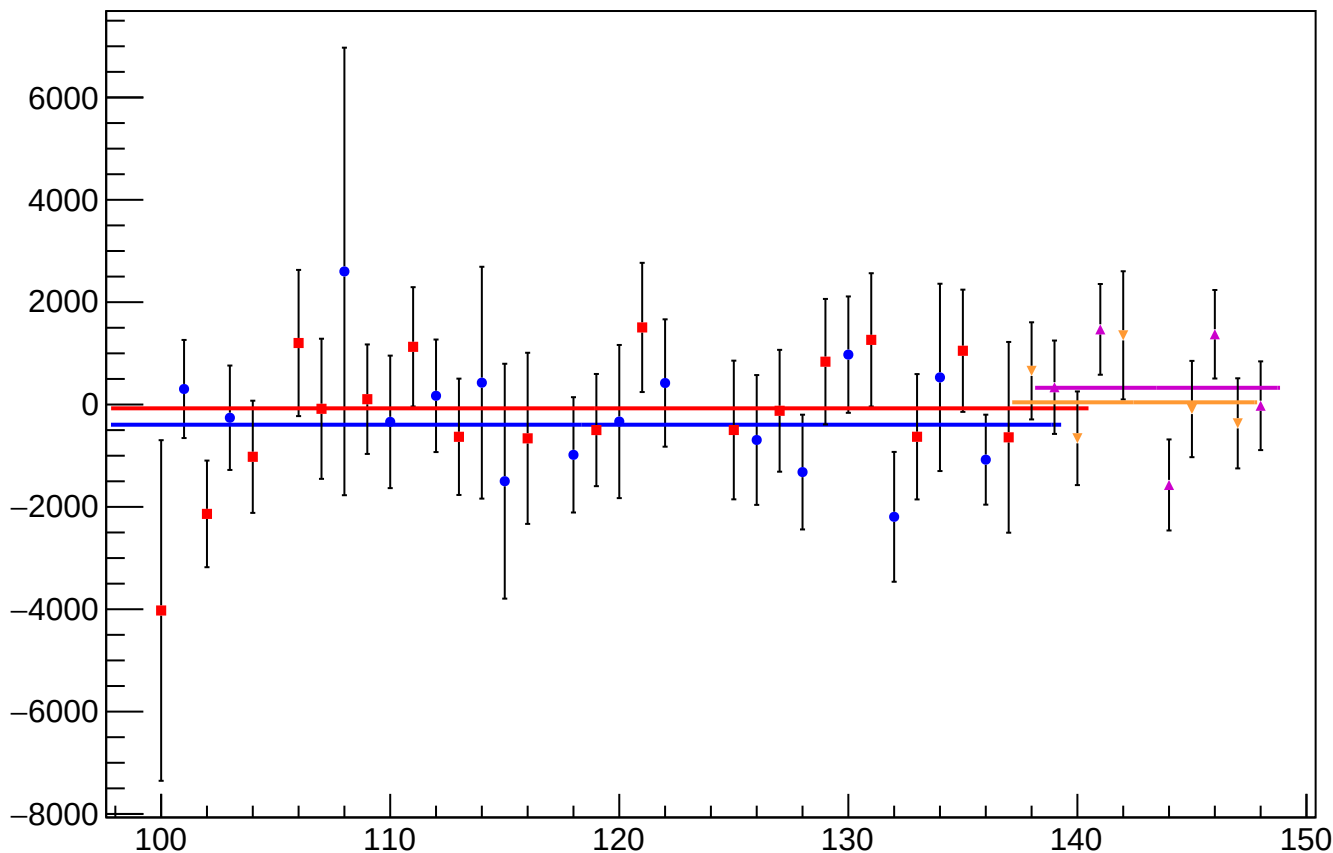
Left In: 1548.889+/-0.546 χ^2/NDF :157171.3/4

+ sign 1480.679+/-0.332 χ^2/NDF : 457068.2/20

All: 1495.545+/-0.232 χ^2/NDF : 882438.1/43

- sign 1509.686+/-0.324 χ^2/NDF : 421458.8/22

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

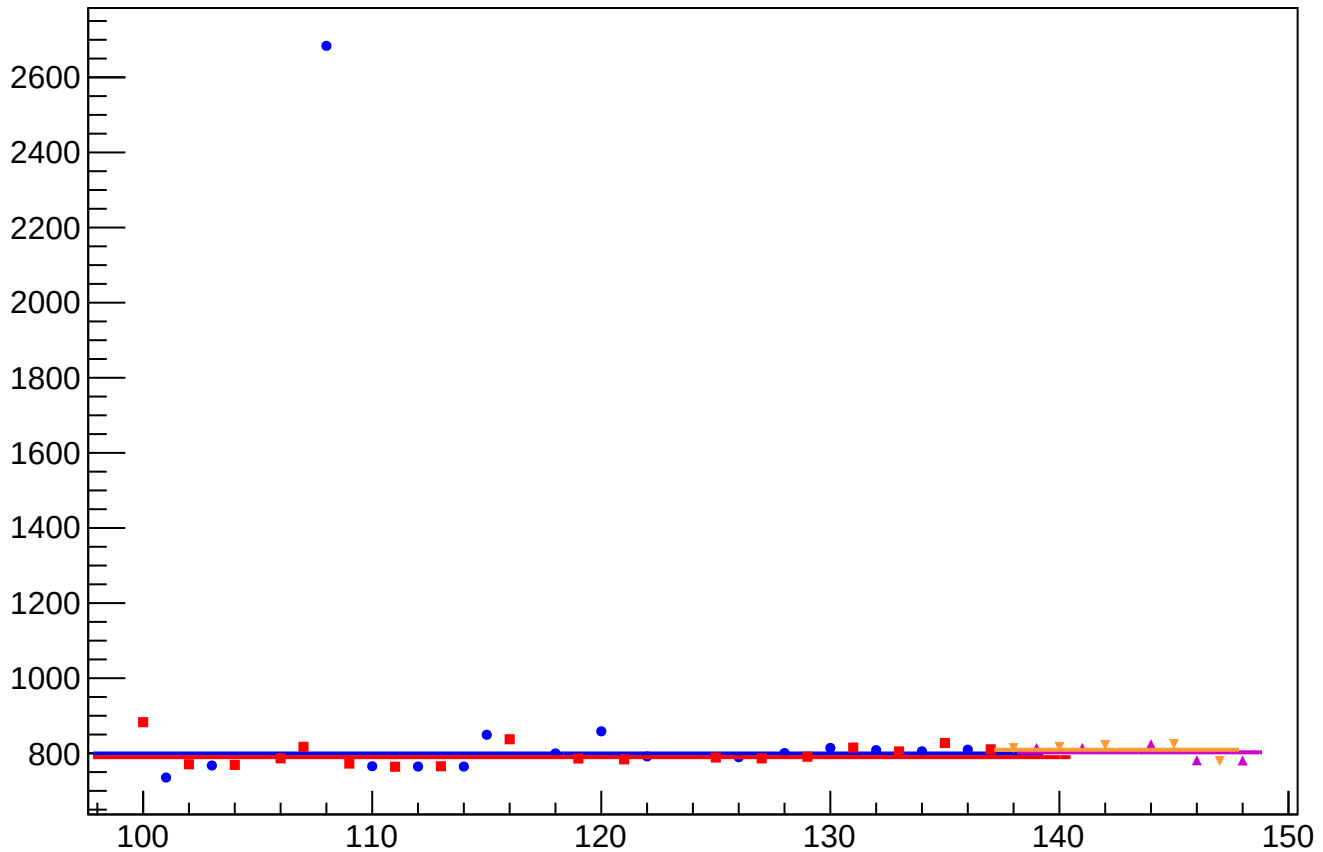
Left In: 326.957 ± 395.105 χ^2/NDF : 7.8/4

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

All: -76.174 ± 173.565 χ^2/NDF : 32.7/43

- sign 71.449 ± 238.119 χ^2/NDF : 21.4/22

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

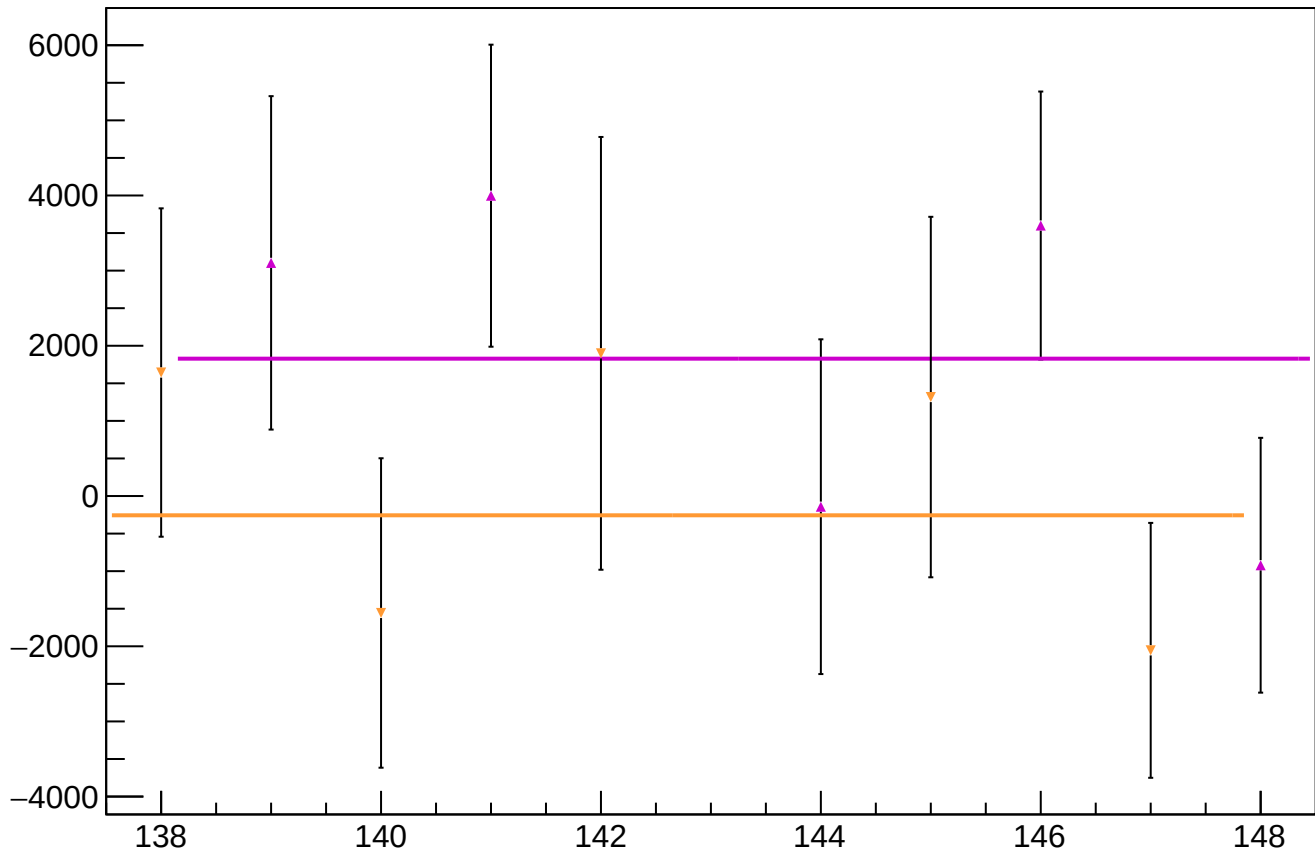
Left In: 802.628 $\pm$ 0.279 χ^2 /NDF: 4305.3/4

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

All: 798.446 $\pm$ 0.123 χ^2 /NDF: 413140.4/43

- sign 794.455 $\pm$ 0.168 χ^2 /NDF: 16824.0/22

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

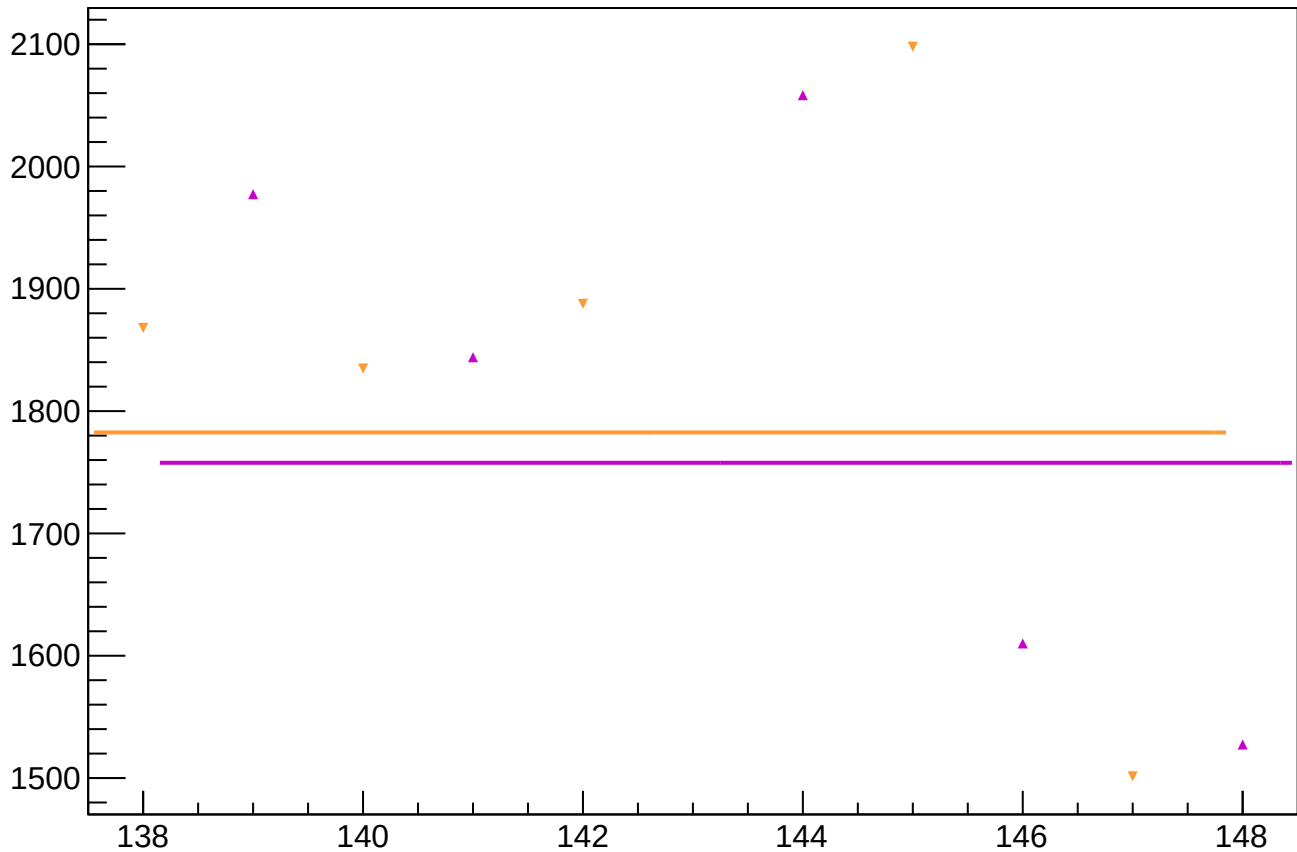
Left In: 1828.179+/-872.252 χ^2/NDF : 5.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 884.498+/-645.305 χ^2/NDF : 11.7/9

- 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

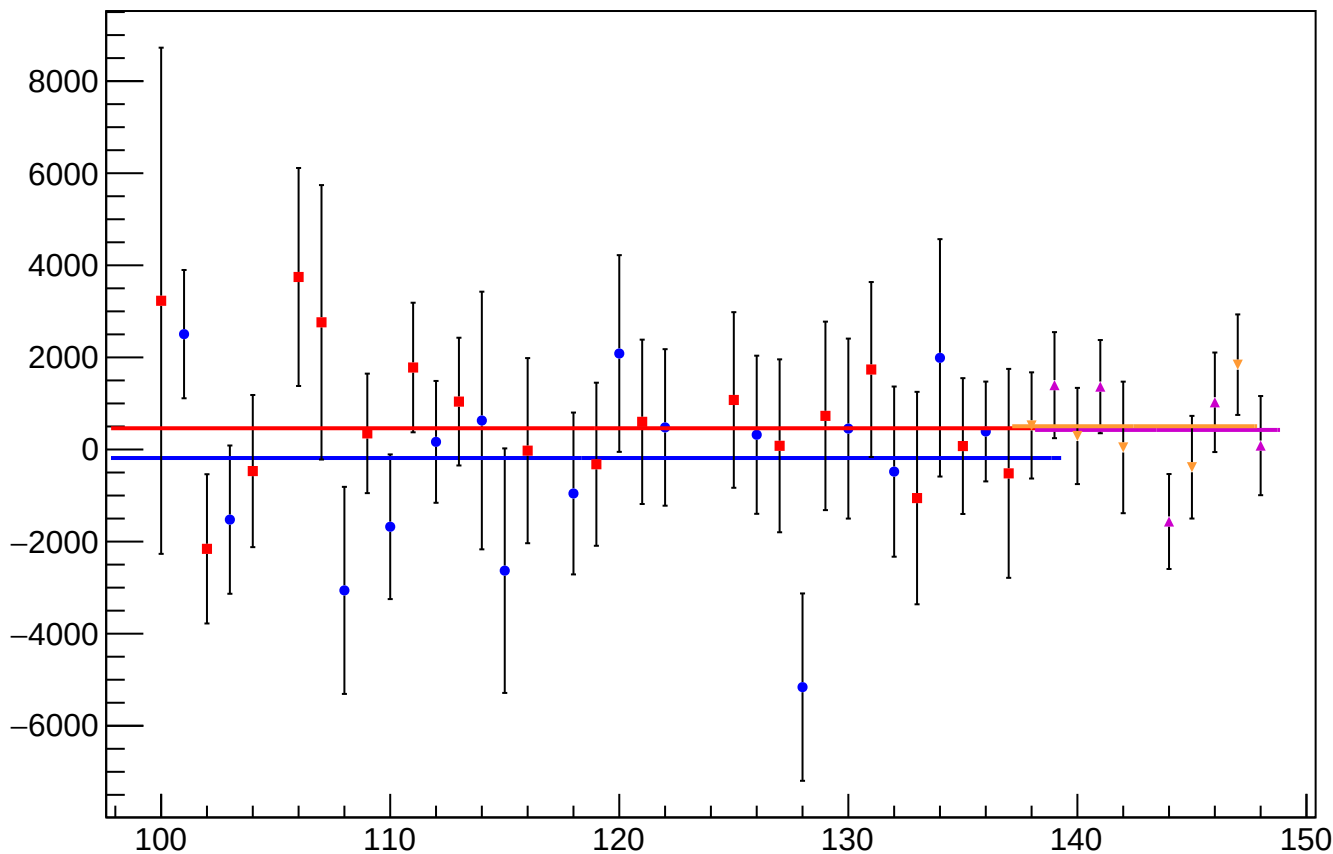
Left In: 1757.758+/-0.617 χ^2/NDF : 110313.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1768.977+/-0.456 χ^2/NDF : 207564.9/9

- 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

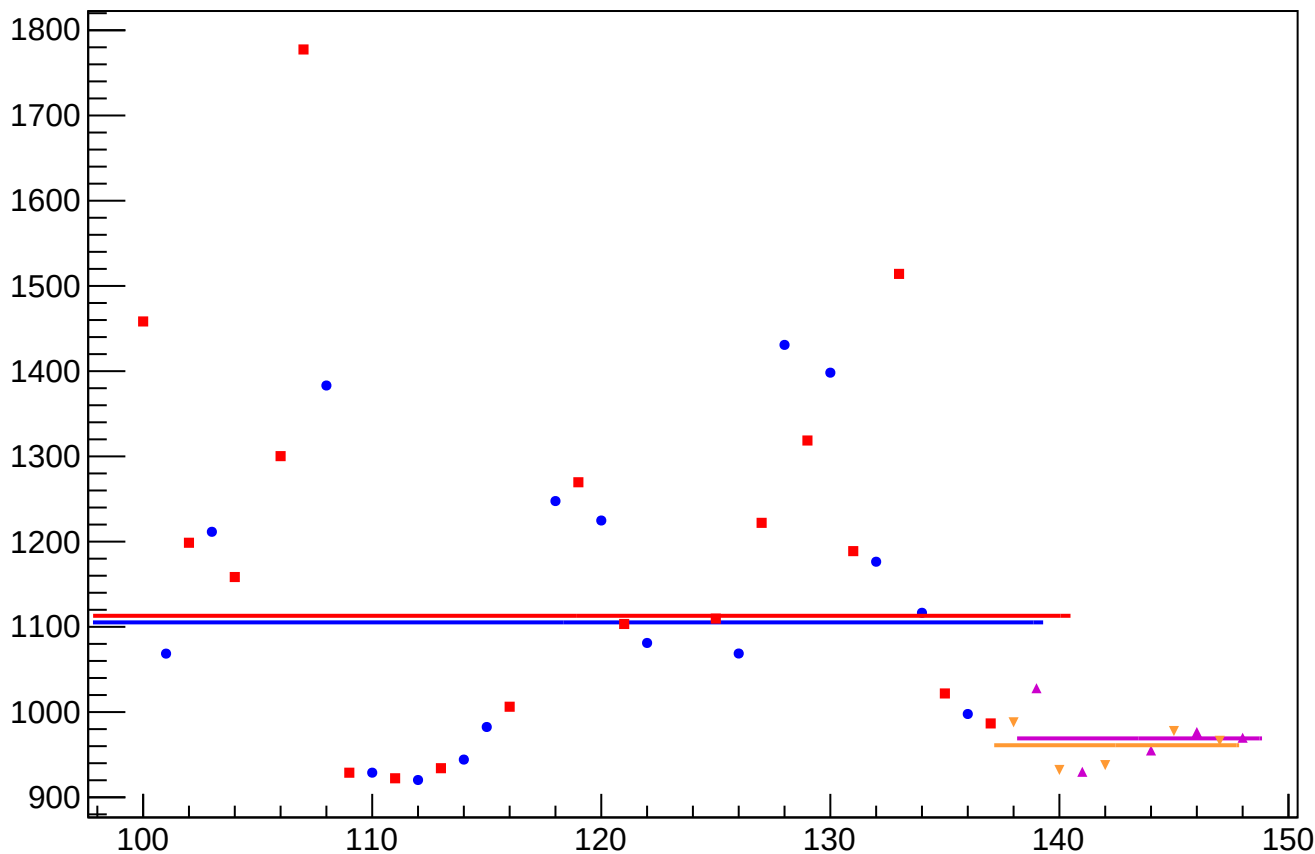
Left In: 424.996 ± 477.285 χ^2/NDF : 5.7/4

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

All: 279.404 ± 229.116 χ^2/NDF : 34.6/43

- sign 445.138 ± 318.200 χ^2/NDF : 14.0/22

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

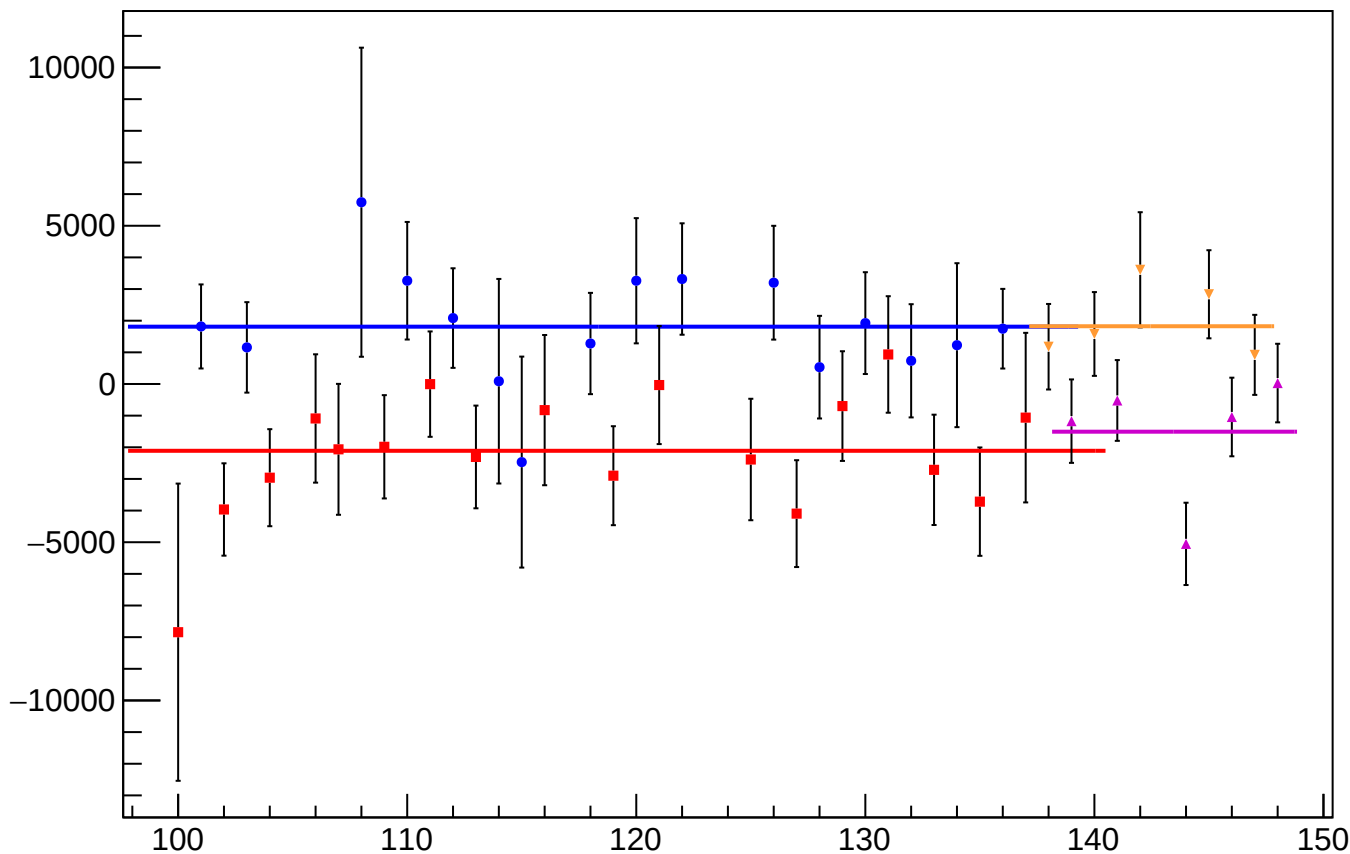
Left In: 969.111 ± 0.337 χ^2/NDF : 8700.5/4

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

All: 1047.323 ± 0.162 χ^2/NDF : 824299.8/43

- sign 1049.031 ± 0.225 χ^2/NDF : 472639.0/22

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

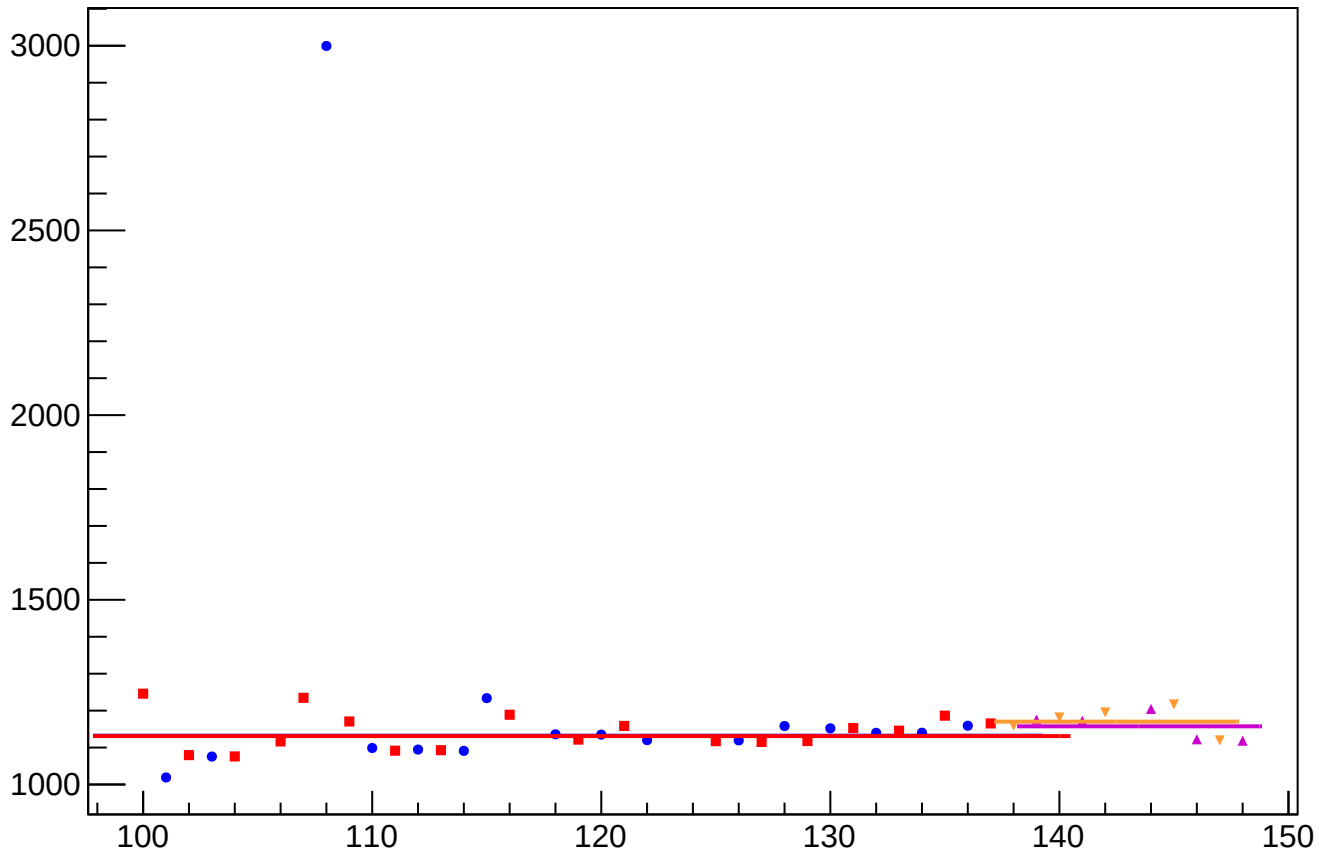
Left In: -1507.537 ± 569.989 χ^2/NDF : 9.8/4

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

All: -138.299 ± 248.283 χ^2/NDF : 87.9/43

- sign -1893.636 ± 342.088 χ^2/NDF : 23.5/22

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

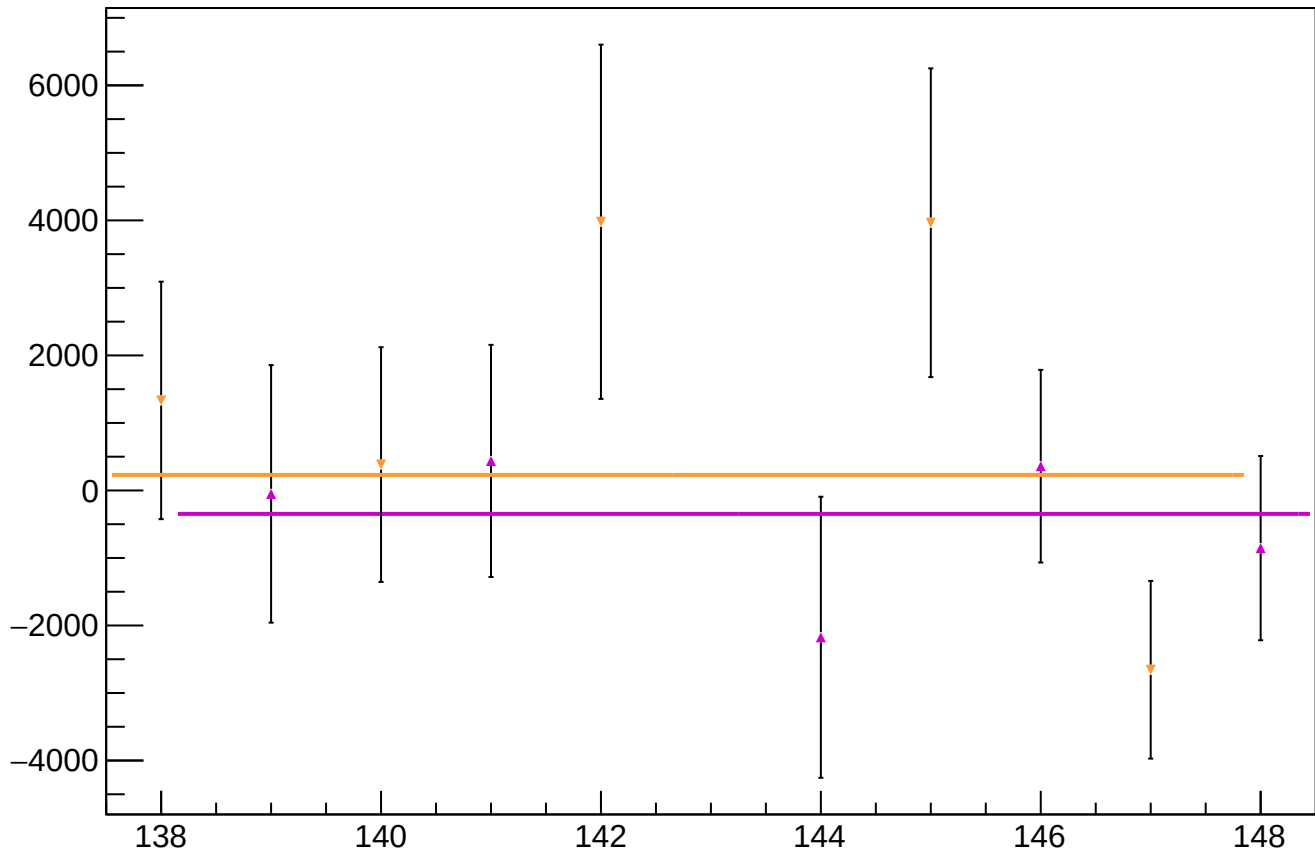
Left In: 1157.479 $\pm$ 0.403 χ^2 /NDF: 6874.1/4

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

All: 1142.563 $\pm$ 0.176 χ^2 /NDF: 356604.8/43

- sign 1140.548 $\pm$ 0.242 χ^2 /NDF: 29351.2/22

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

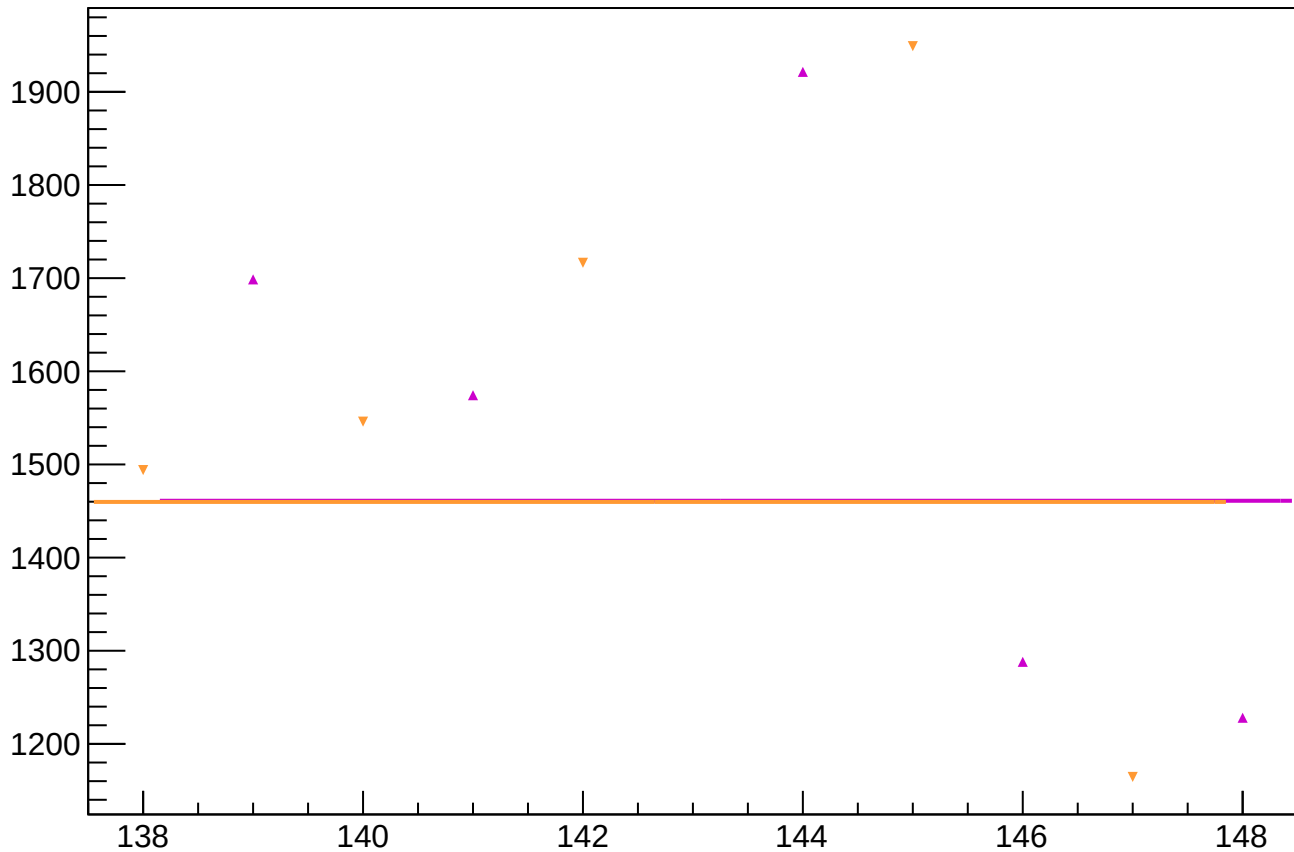
Left In: -347.091+/-730.828 χ^2/NDF : 1.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.872+/-539.123 χ^2/NDF : 11.6/9

- 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

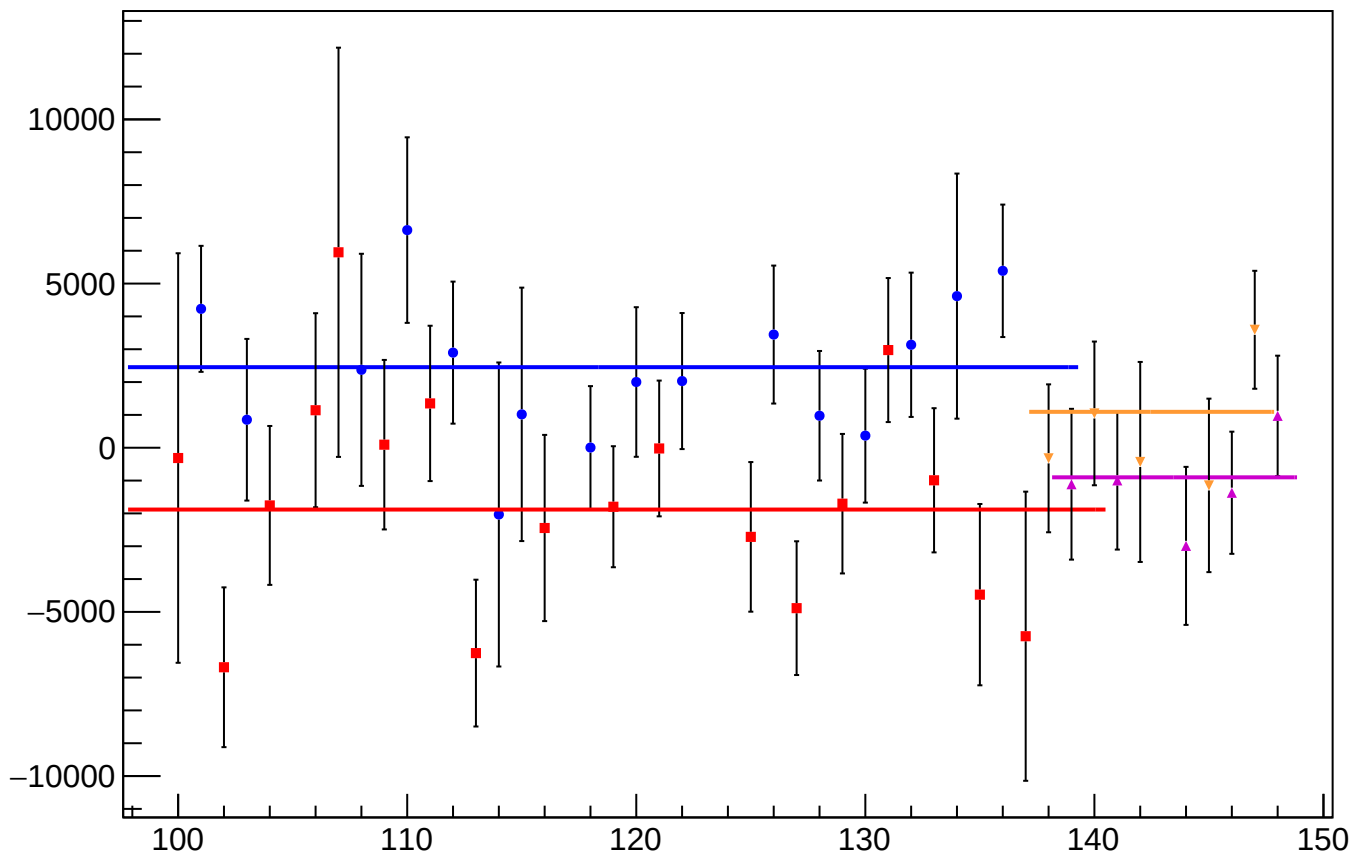
Left In: 1461.009+/-0.517 χ^2/NDF : 225257.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1460.444+/-0.381 χ^2/NDF : 442317.9/9

- 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

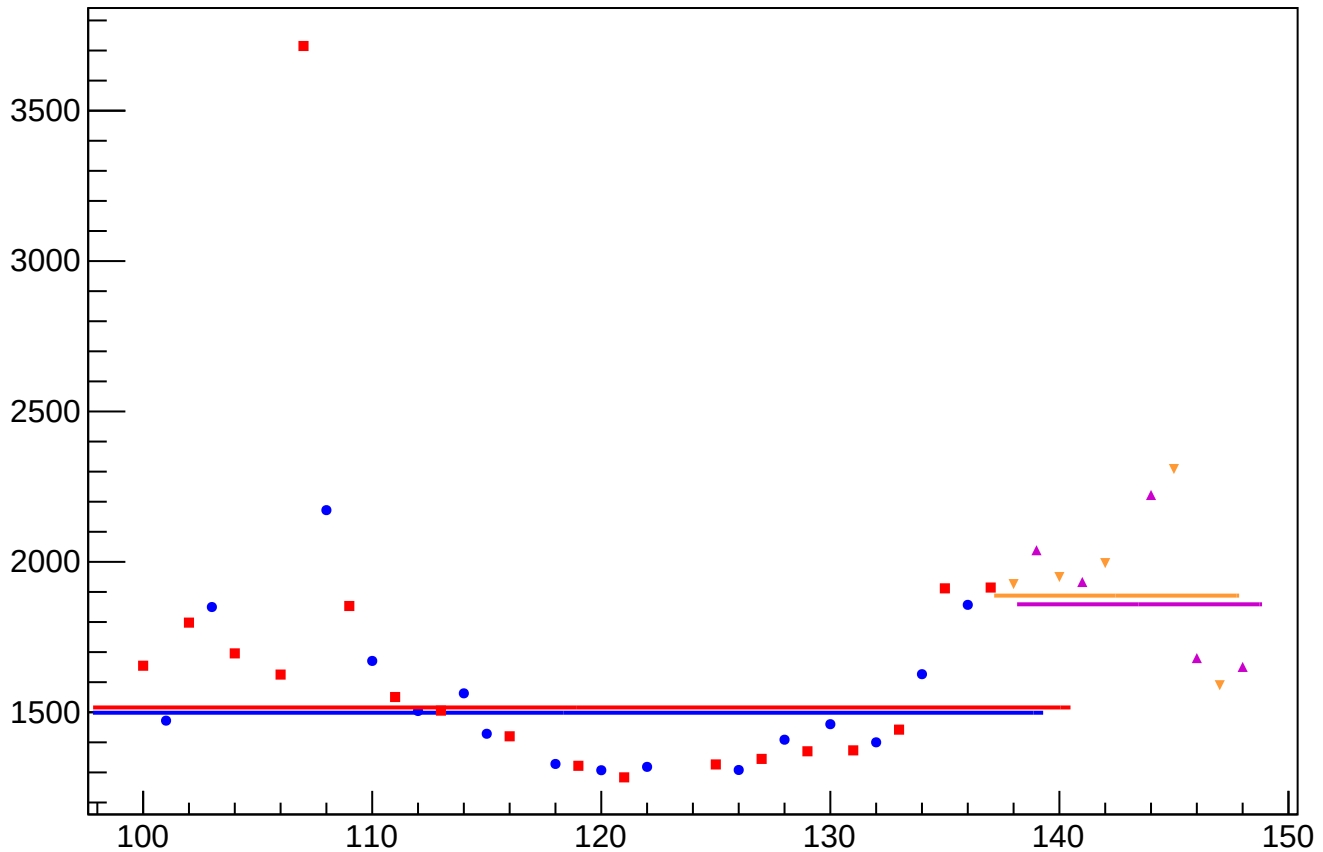
Left In: -901.234 $\pm$ 922.905 χ^2 /NDF:1.9/4

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

All: 206.014 $\pm$ 353.330 χ^2 /NDF: 68.5/43

- sign -1602.669 $\pm$ 493.006 χ^2 /NDF: 25.4/22

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

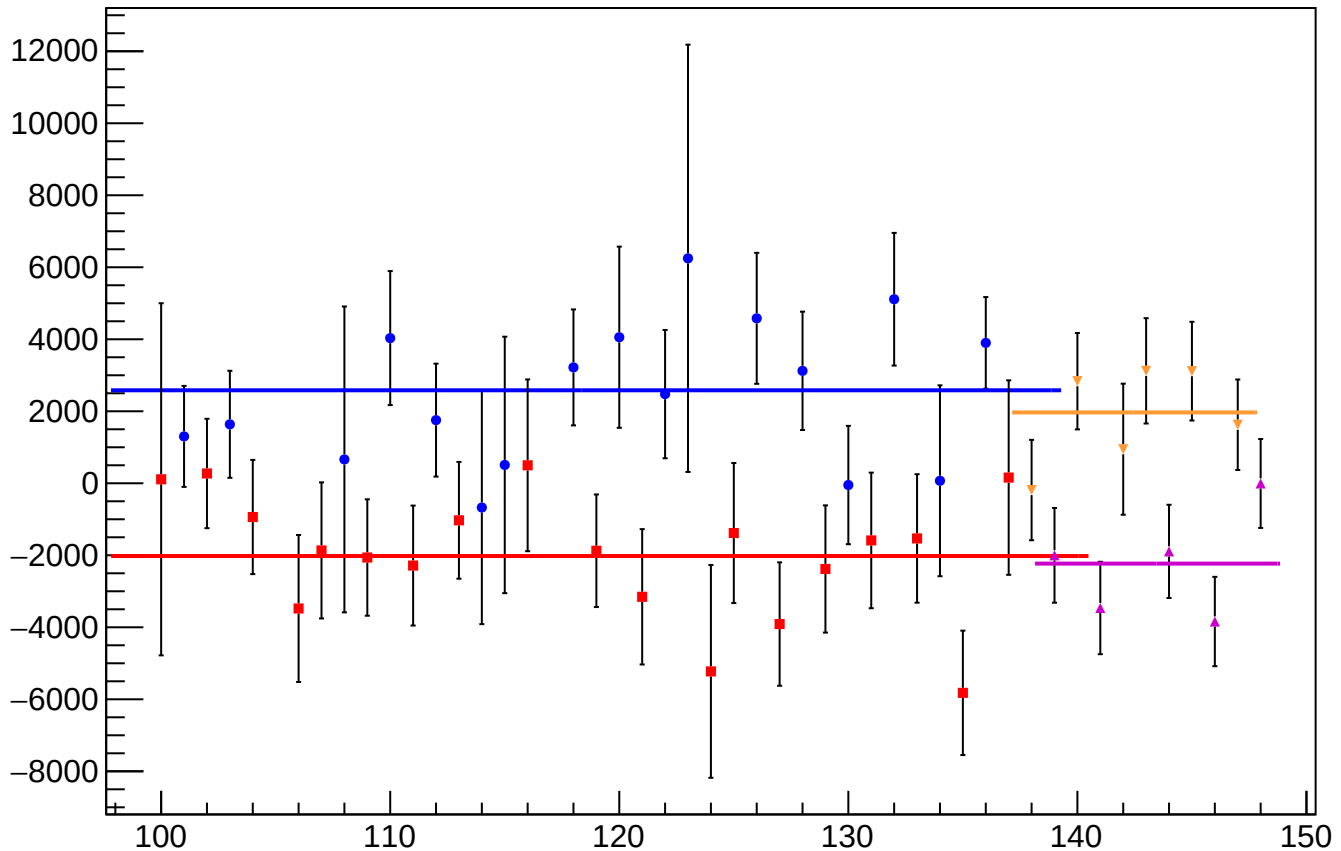
Left In: 1858.901+/-0.653 χ^2/NDF : 104622.3/4

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

All: 1604.716+/-0.250 χ^2/NDF : 1373576.6/43

- sign 1613.813+/-0.349 χ^2/NDF : 782530.0/22

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

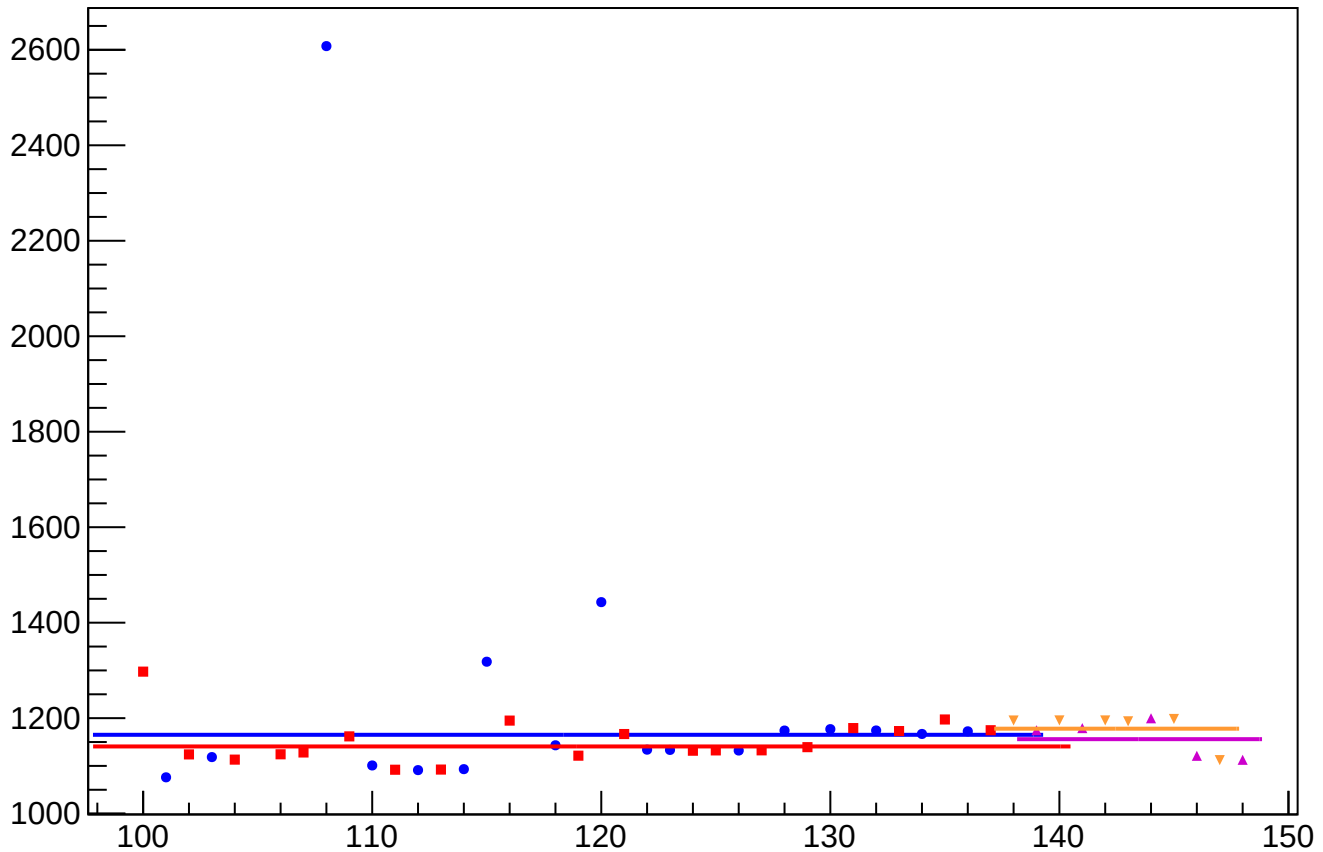
Left In: -2230.979+/-569.190 χ^2/NDF : 6.0/4

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

All: 31.132+/-246.529 χ^2/NDF : 118.2/46

- sign -2096.392+/-341.444 χ^2/NDF : 19.5/23

dit_asym_usr_rms vs Slug



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

Left Out: 1177.959 ± 0.408 χ^2/NDF : 6980.1/5

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

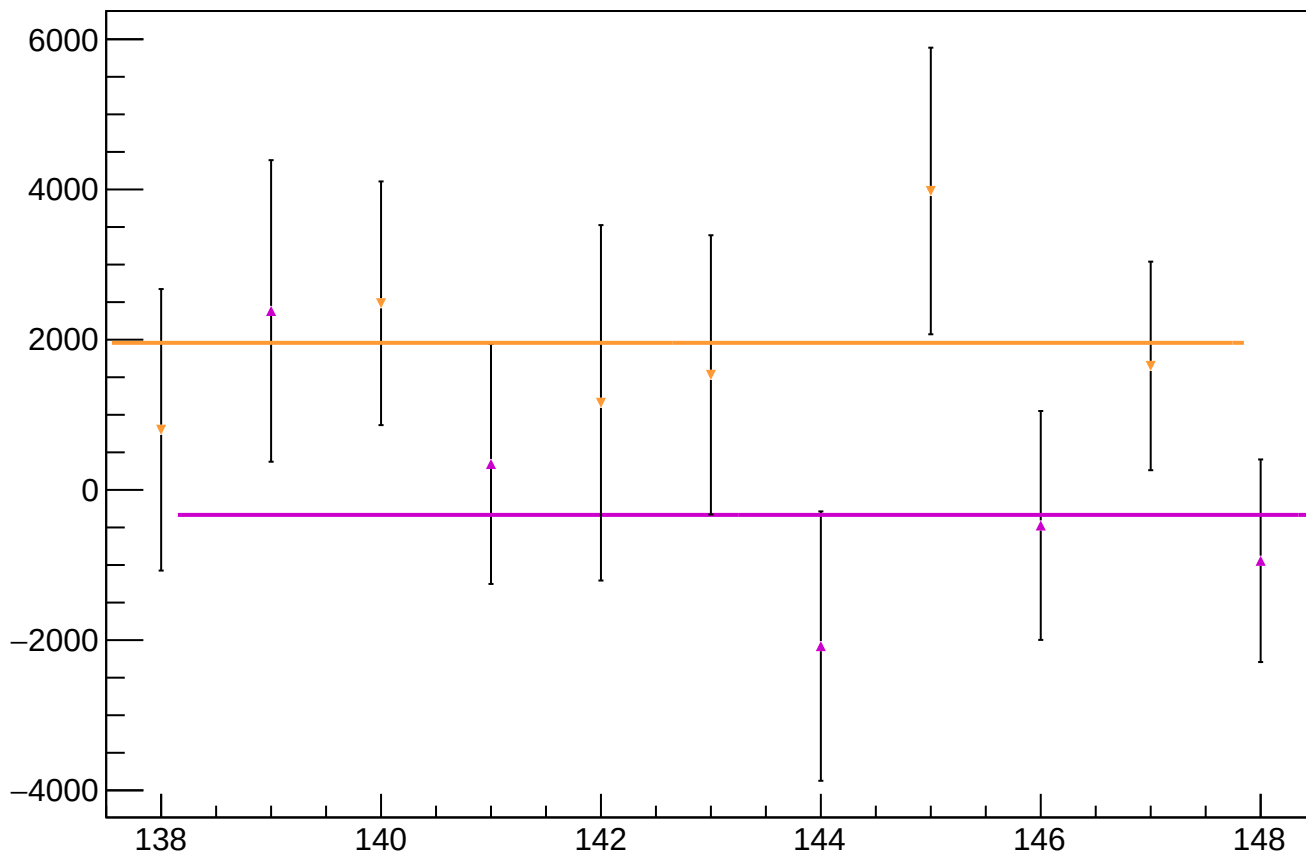
Left In: 1156.008 ± 0.402 χ^2/NDF : 7360.8/4

+ sign 1170.038 ± 0.252 χ^2/NDF : 286160.6/22

All: 1157.633 ± 0.174 χ^2/NDF : 311809.0/46

- sign 1146.242 ± 0.241 χ^2/NDF : 20998.3/23

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

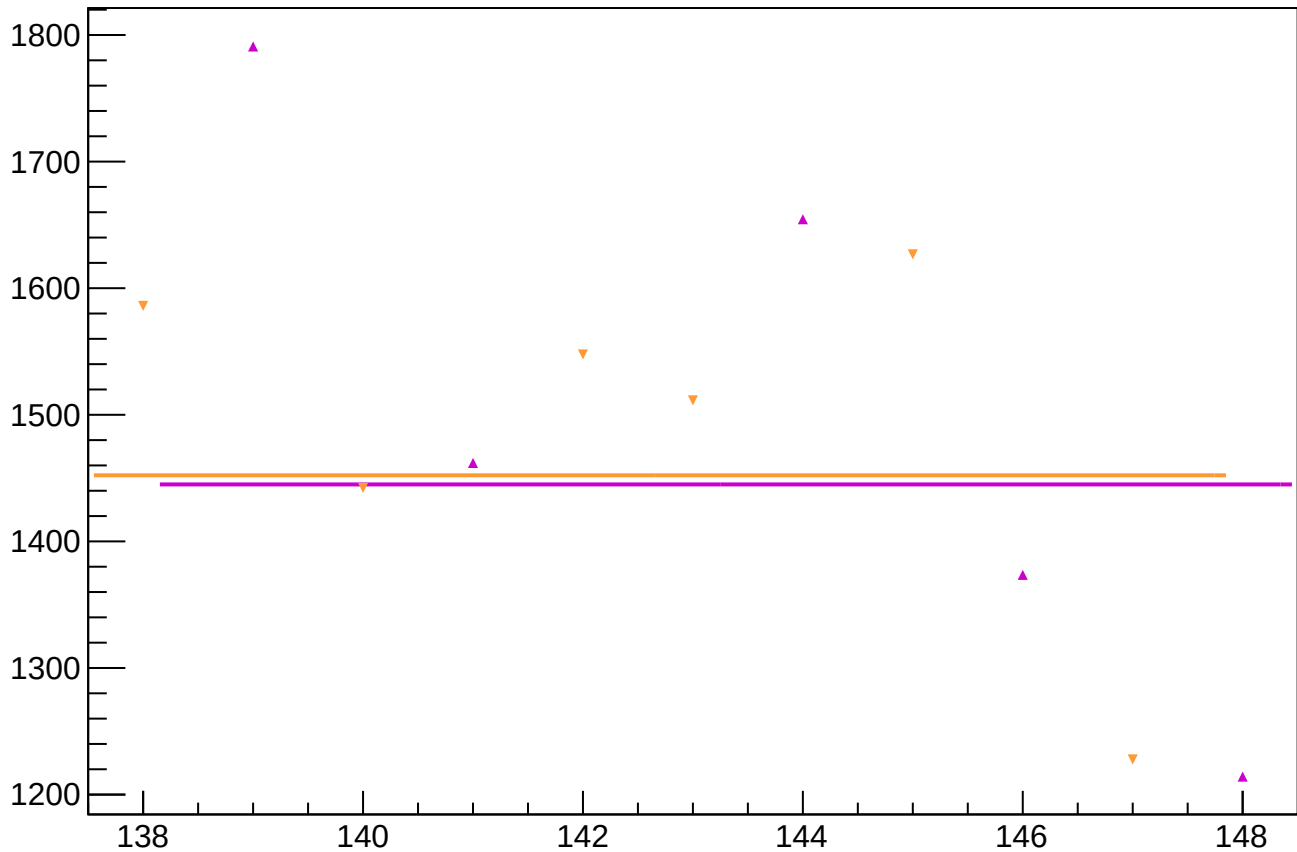
Left In: -332.704+/-719.564 χ^2/NDF : 3.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.259+/-509.145 χ^2/NDF : 10.1/10

- 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

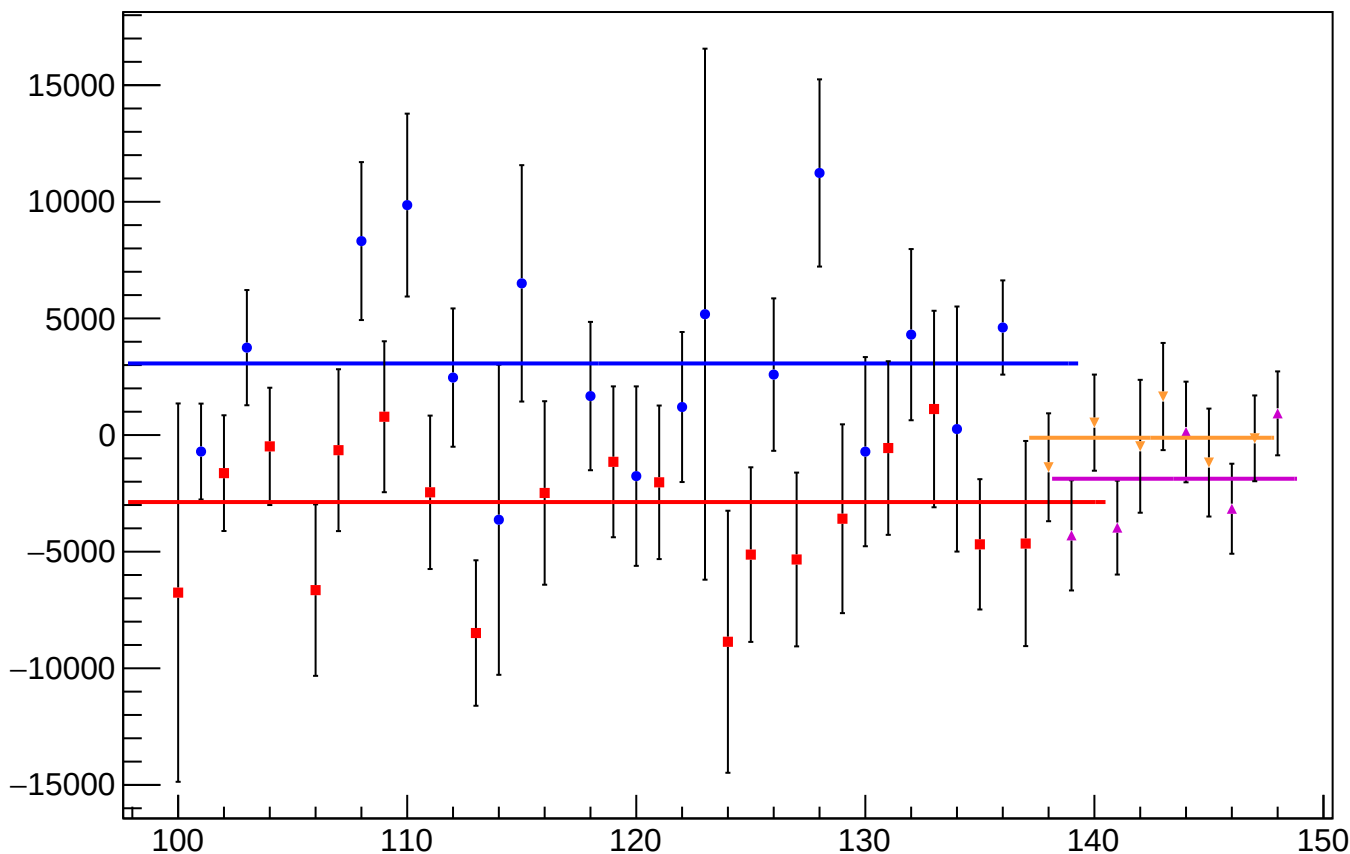
Left In: 1444.996+/-0.509 χ^2/NDF : 149844.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1448.598+/-0.360 χ^2/NDF : 234498.7/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



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

Left Out: -116.335 ± 906.248 χ^2/NDF : 1.2/5

Right Out: -2872.615 ± 795.352 χ^2/NDF : 11.6/18

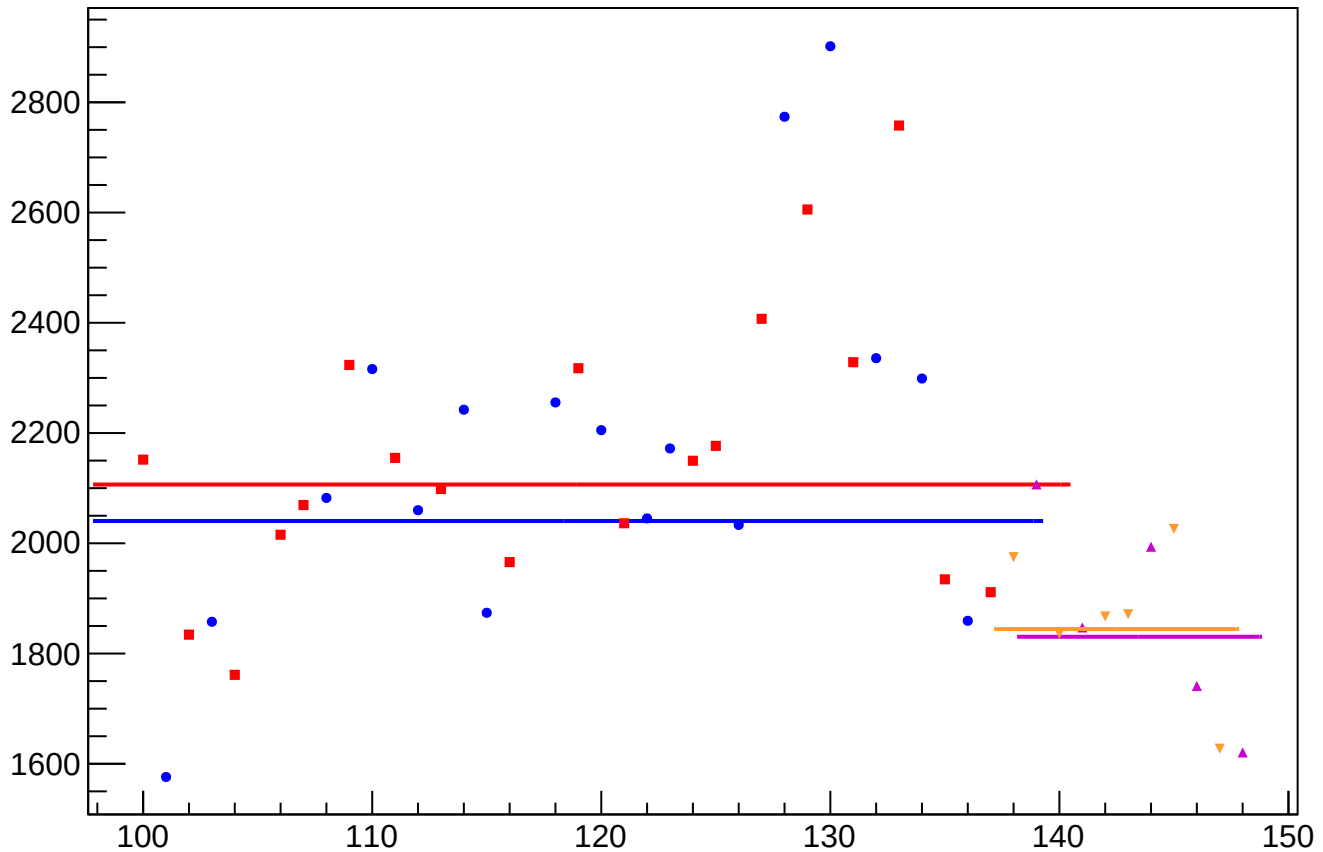
Left In: -1873.306 ± 906.108 χ^2/NDF : 5.9/4

+ sign 1678.622 ± 598.795 χ^2/NDF : 26.7/22

All: -383.176 ± 423.040 χ^2/NDF : 68.5/46

- sign -2437.735 ± 597.743 χ^2/NDF : 18.1/23

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

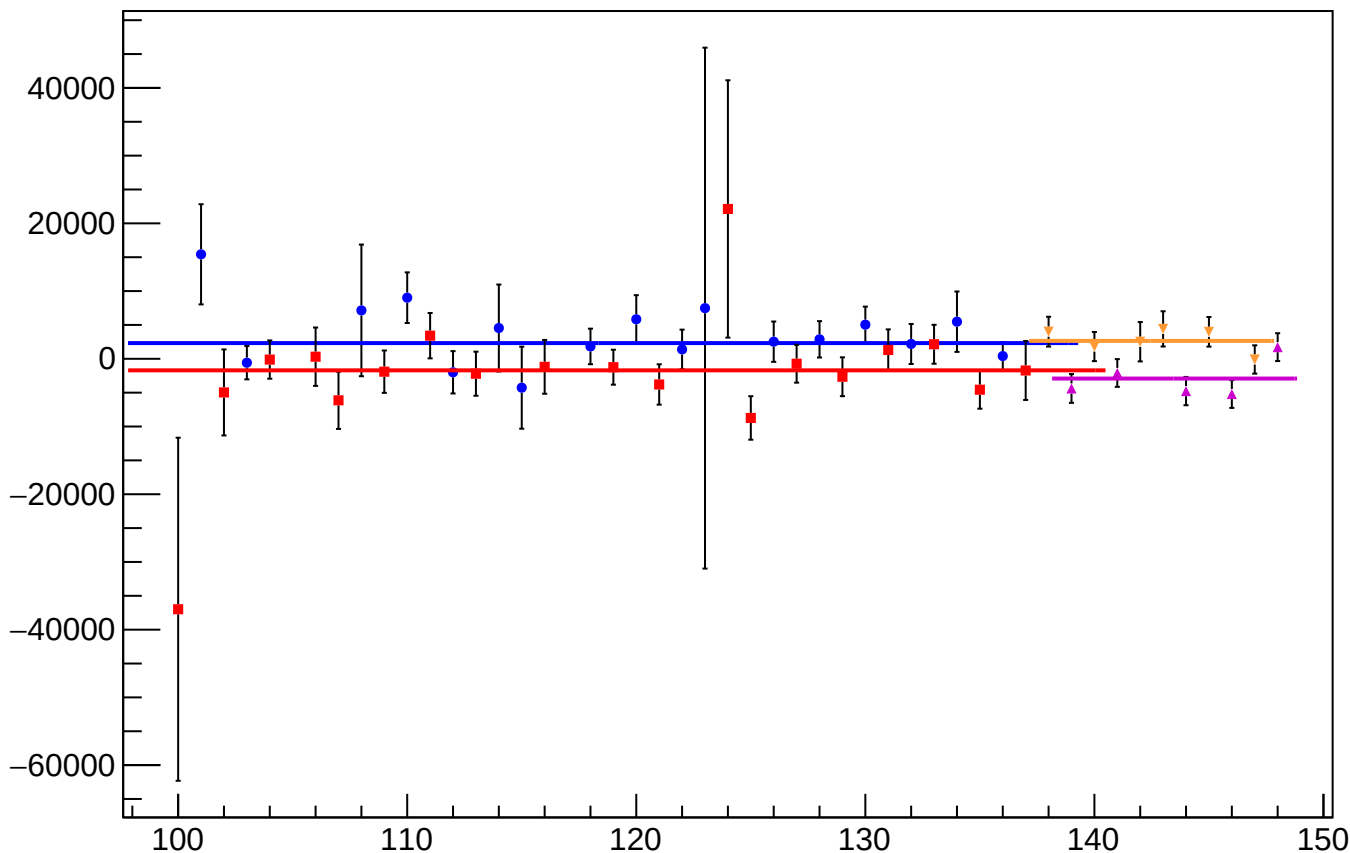
Left In: 1830.440+/-0.641 χ^2/NDF : 70453.5/4

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

All: 1970.678+/-0.299 χ^2/NDF : 804626.3/46

- sign 1986.434+/-0.423 χ^2/NDF : 370816.8/23

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

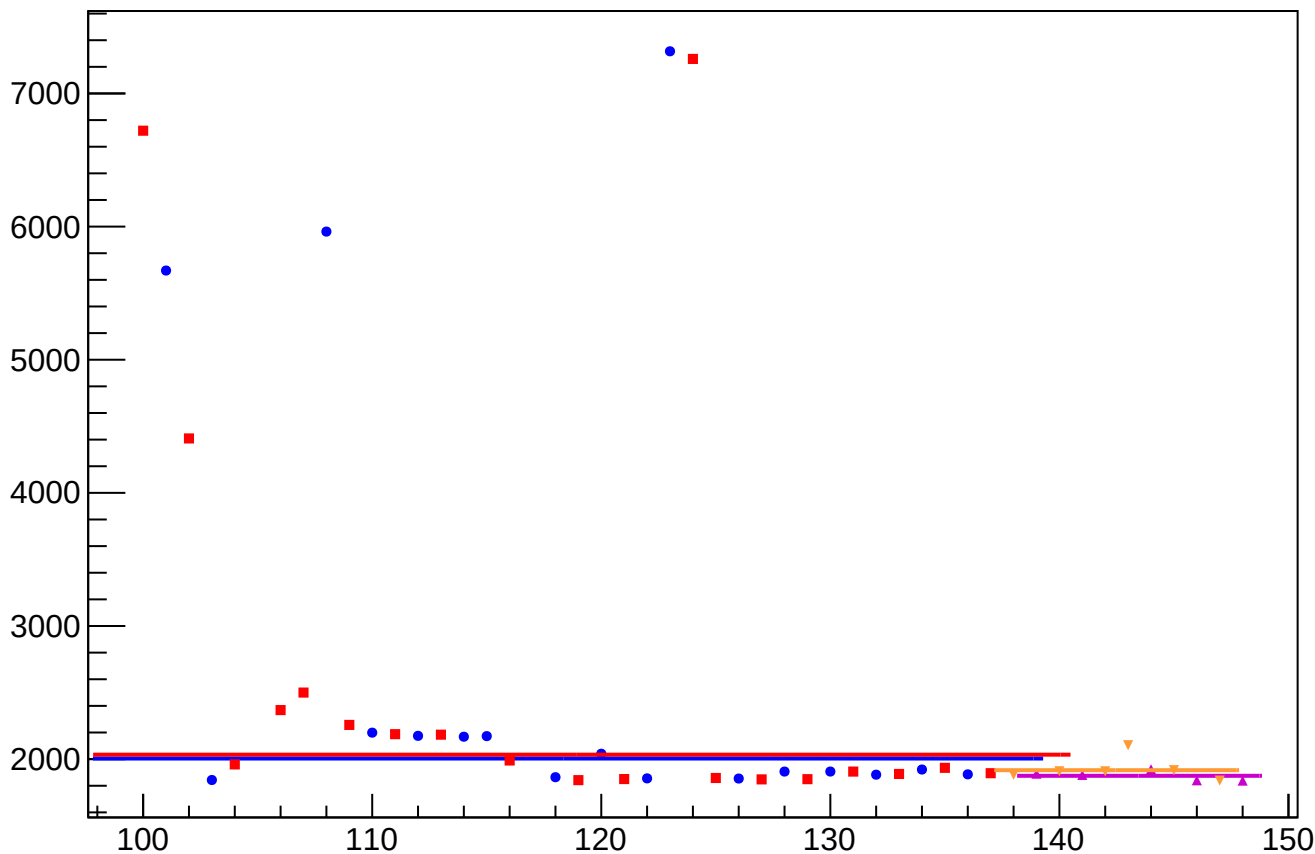
Left In: -2917.454 $\pm$ 926.758 χ^2 /NDF: 7.8/4

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

All: 74.454 $\pm$ 427.226 χ^2 /NDF: 73.7/46

- sign -2210.180 $\pm$ 598.039 χ^2 /NDF: 25.9/23

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

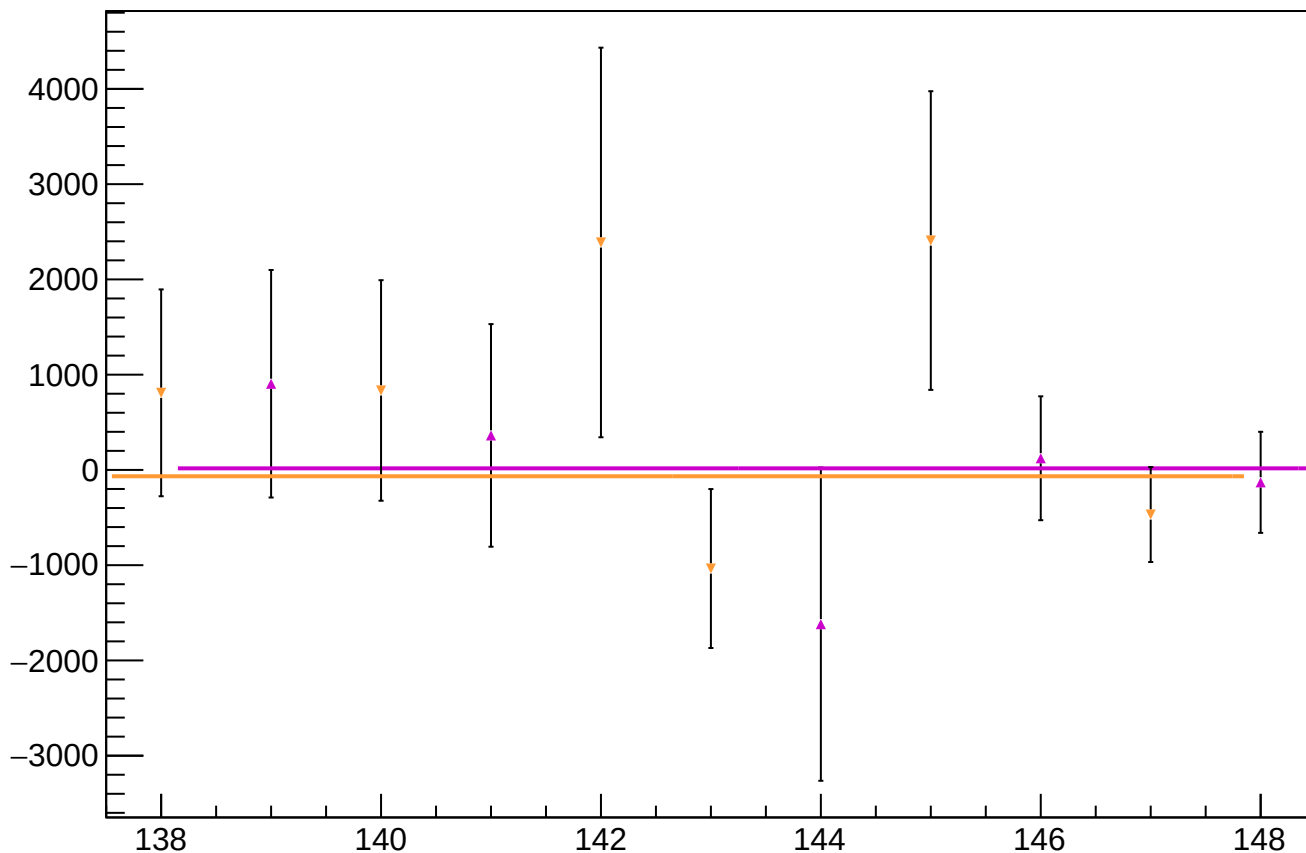
Left In: 1874.729+/-0.655 χ^2/NDF :2417.2/4

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

All: 1967.553+/-0.302 χ^2/NDF : 1587469.4/40

- sign 1967.380+/-0.423 χ^2/NDF : 647679.4/23

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

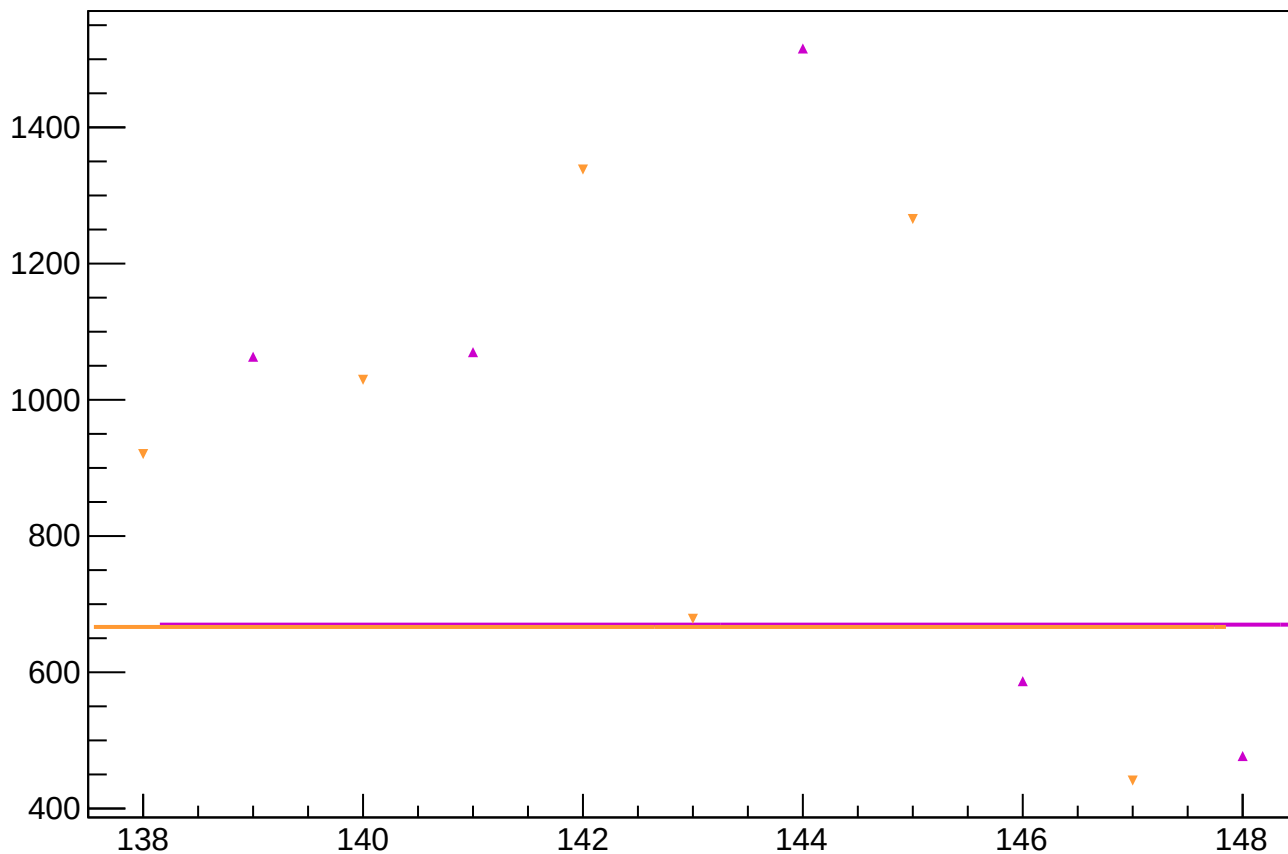
Left In: 16.540+/-359.875 χ^2/NDF : 1.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.948+/-254.633 χ^2/NDF : 8.9/10

- 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

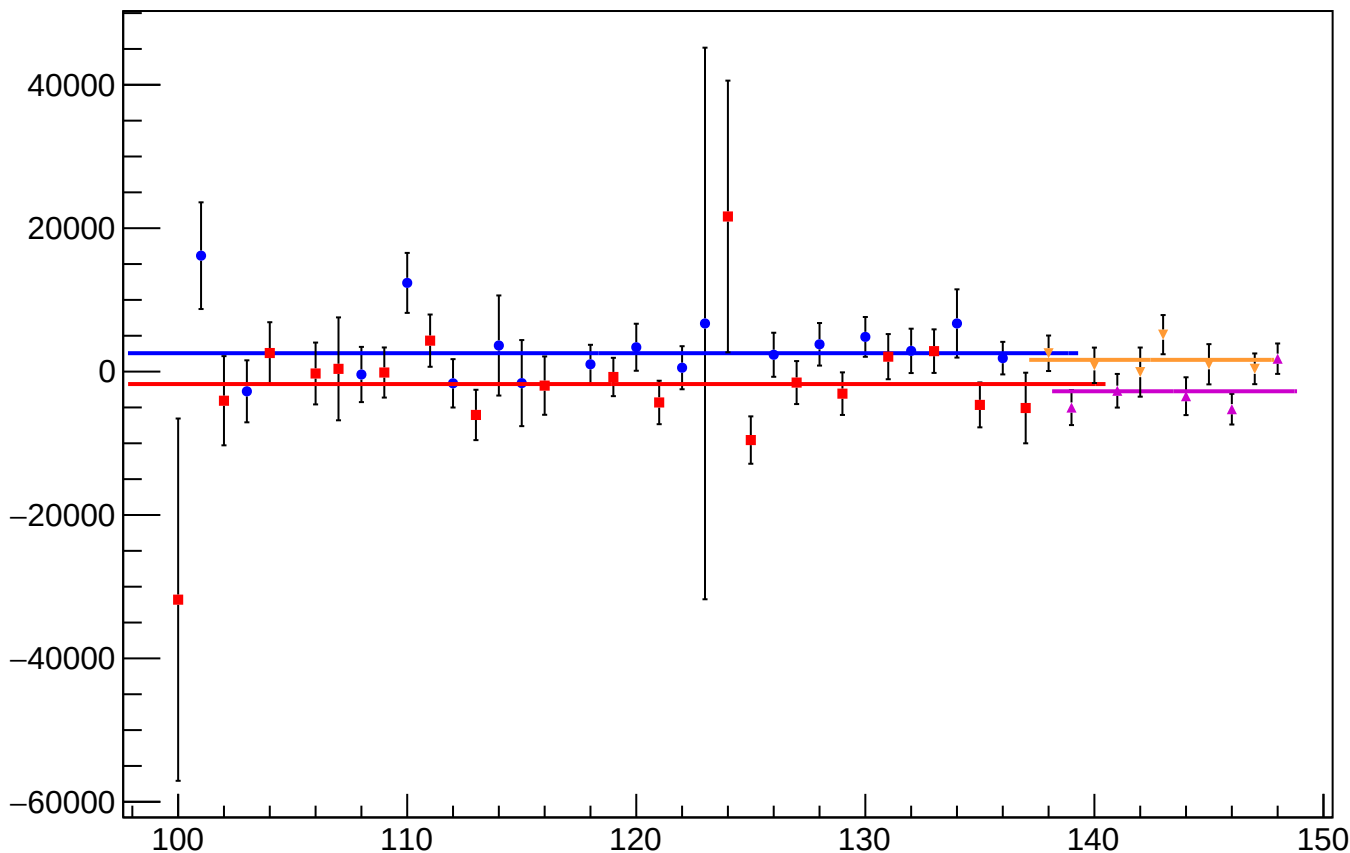
Left In: 669.931+/-0.254 χ^2/NDF : 1277372.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.245+/-0.180 χ^2/NDF : 2500436.4/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



Right In: 2566.797 $\pm$ 856.089 χ^2 /NDF: 15.6/16

Left Out: 1637.934 $\pm$ 1059.353 χ^2 /NDF: 2.5/5

Right Out: -1737.684 $\pm$ 853.181 χ^2 /NDF: 20.5/18

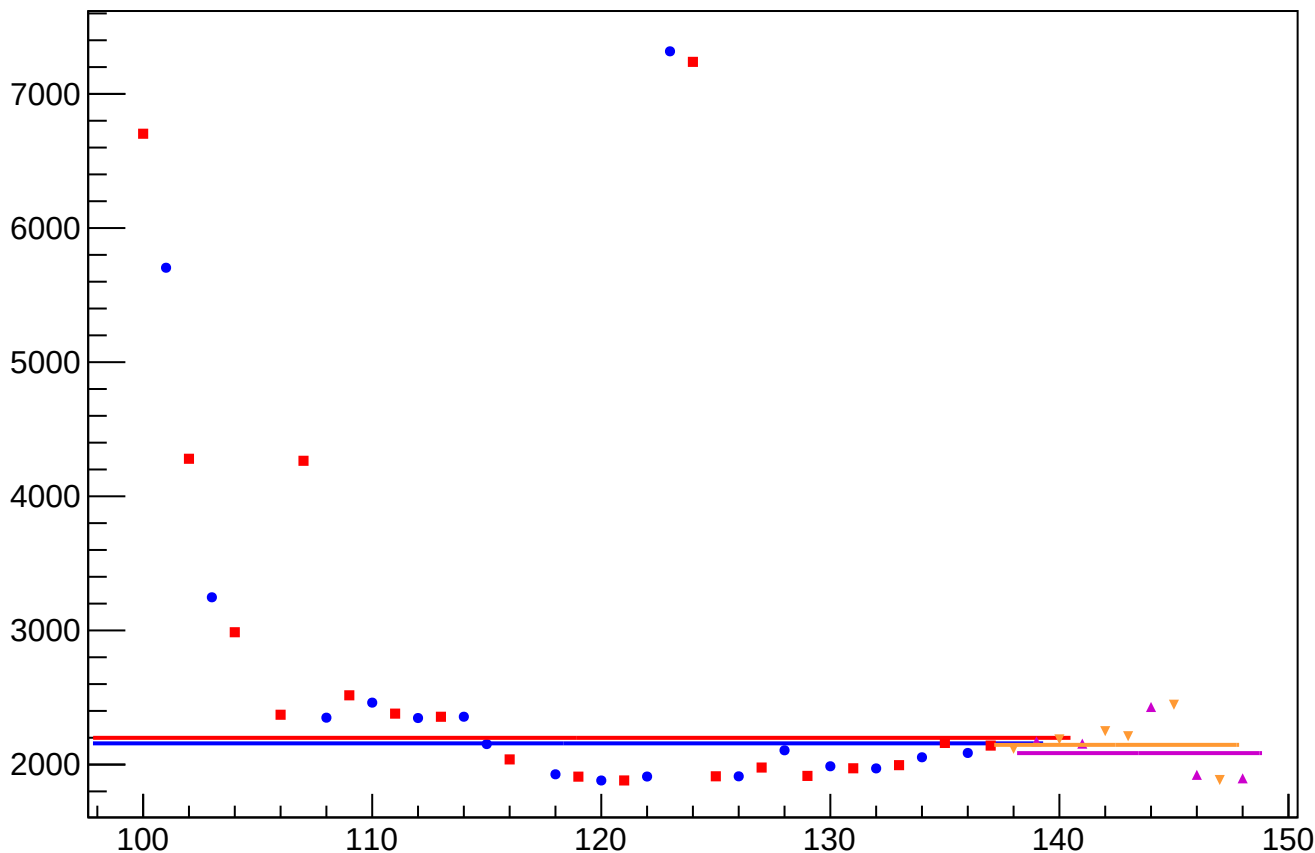
Left In: -2744.400 $\pm$ 1035.263 χ^2 /NDF: 6.9/4

+ sign 2199.838 $\pm$ 665.846 χ^2 /NDF: 18.6/22

All: 3.073 $\pm$ 468.172 χ^2 /NDF: 68.0/46

- sign -2144.869 $\pm$ 658.406 χ^2 /NDF: 28.0/23

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

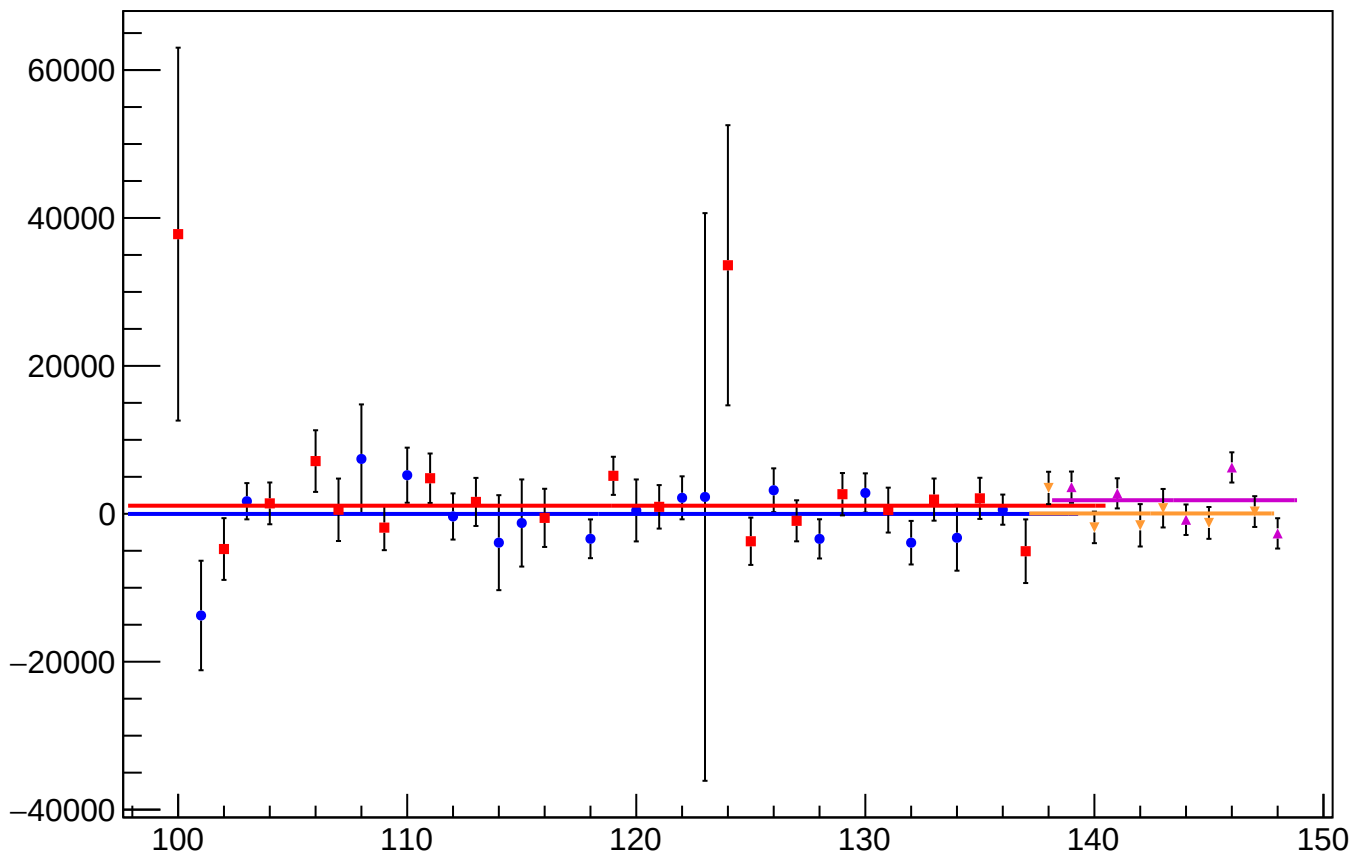
Left In: 2085.389 $\pm$ 0.732 χ^2 /NDF: 65595.5/4

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

All: 2153.490 $\pm$ 0.331 χ^2 /NDF: 1653432.9/46

- sign 2153.252 $\pm$ 0.466 χ^2 /NDF: 883048.3/23

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

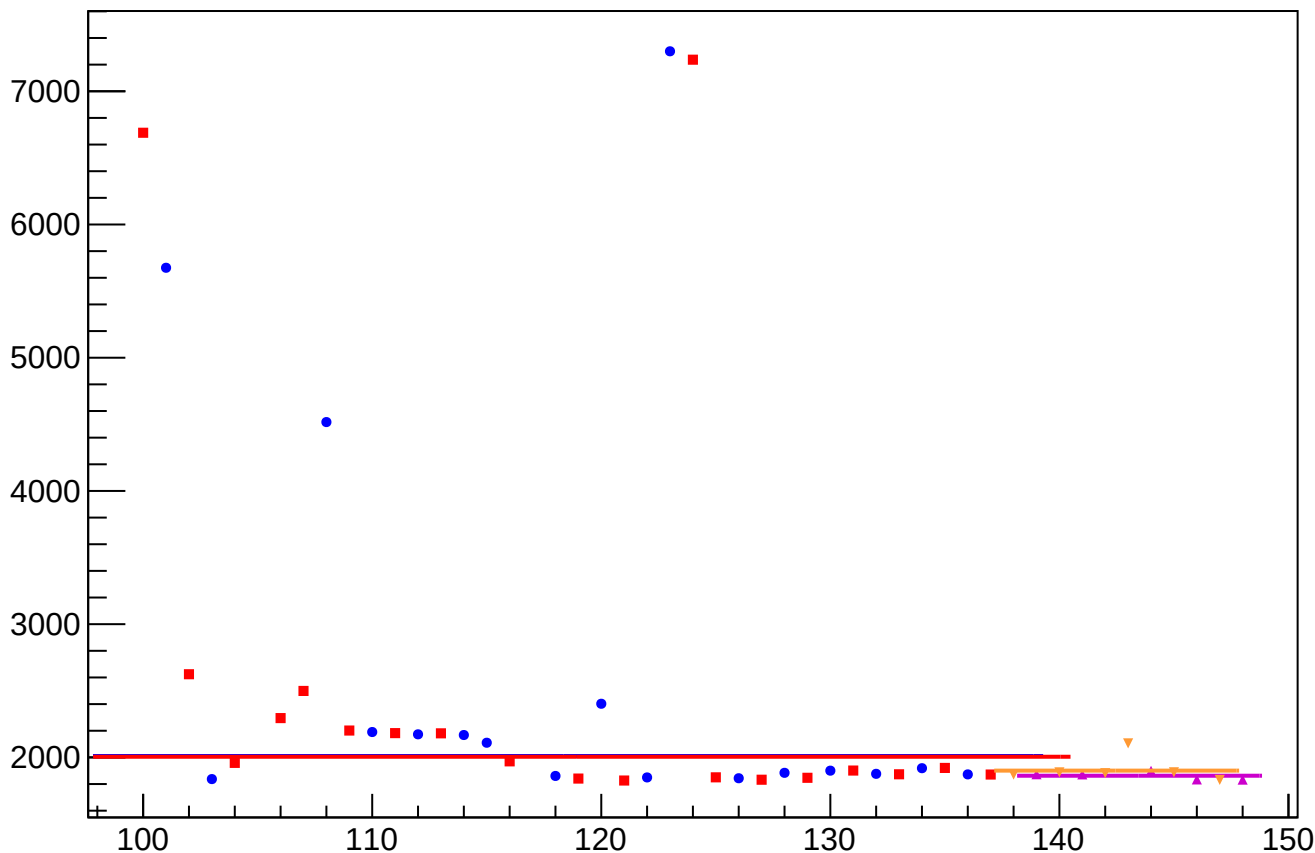
Left In: 1835.950 ± 920.574 χ^2/NDF : 12.1/4

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

All: 725.209 ± 423.722 χ^2/NDF : 54.4/46

- sign 1400.126 ± 590.503 χ^2/NDF : 31.8/23

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

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

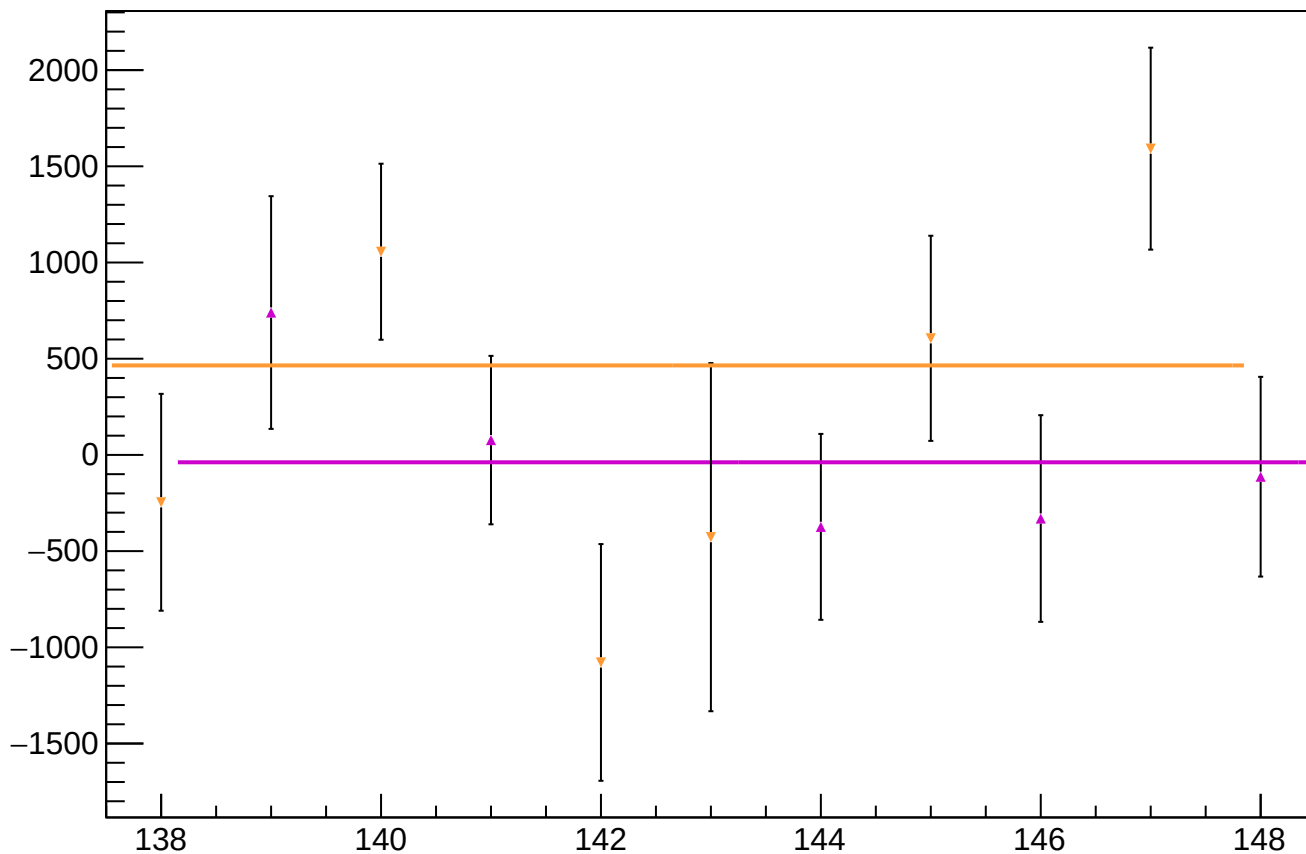
Right Out: 2004.882 $\pm$ 0.544 χ^2 /NDF: 367513.0/18

All: 1954.801 $\pm$ 0.300 χ^2 /NDF: 1268839.7/46

- sign 1946.266 $\pm$ 0.418 χ^2 /NDF: 397217.8/23

Left In: 1862.423 $\pm$ 0.651 χ^2 /NDF:1516.1/4

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

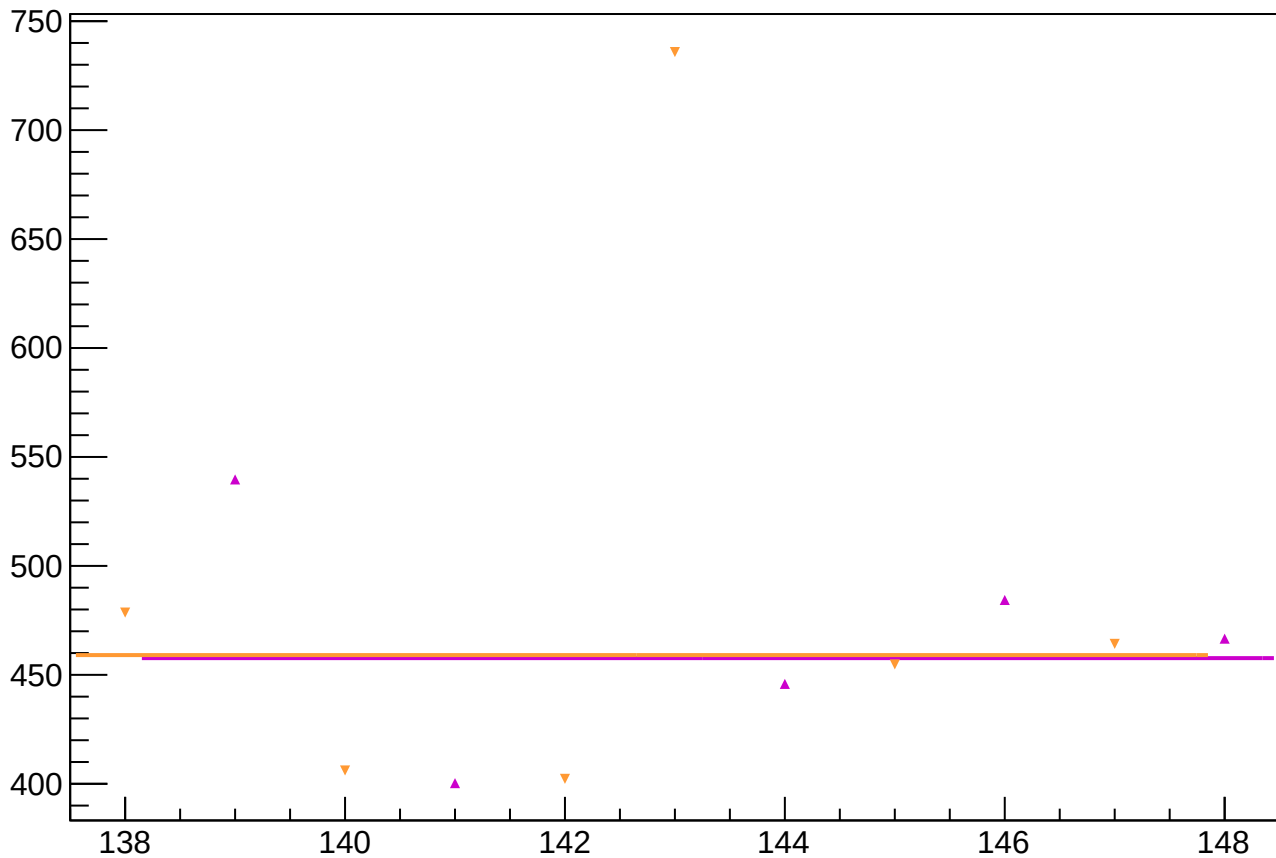
Left In: -38.285+/-226.940 χ^2/NDF : 2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 210.311+/-161.461 χ^2/NDF : 20.2/10

- 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

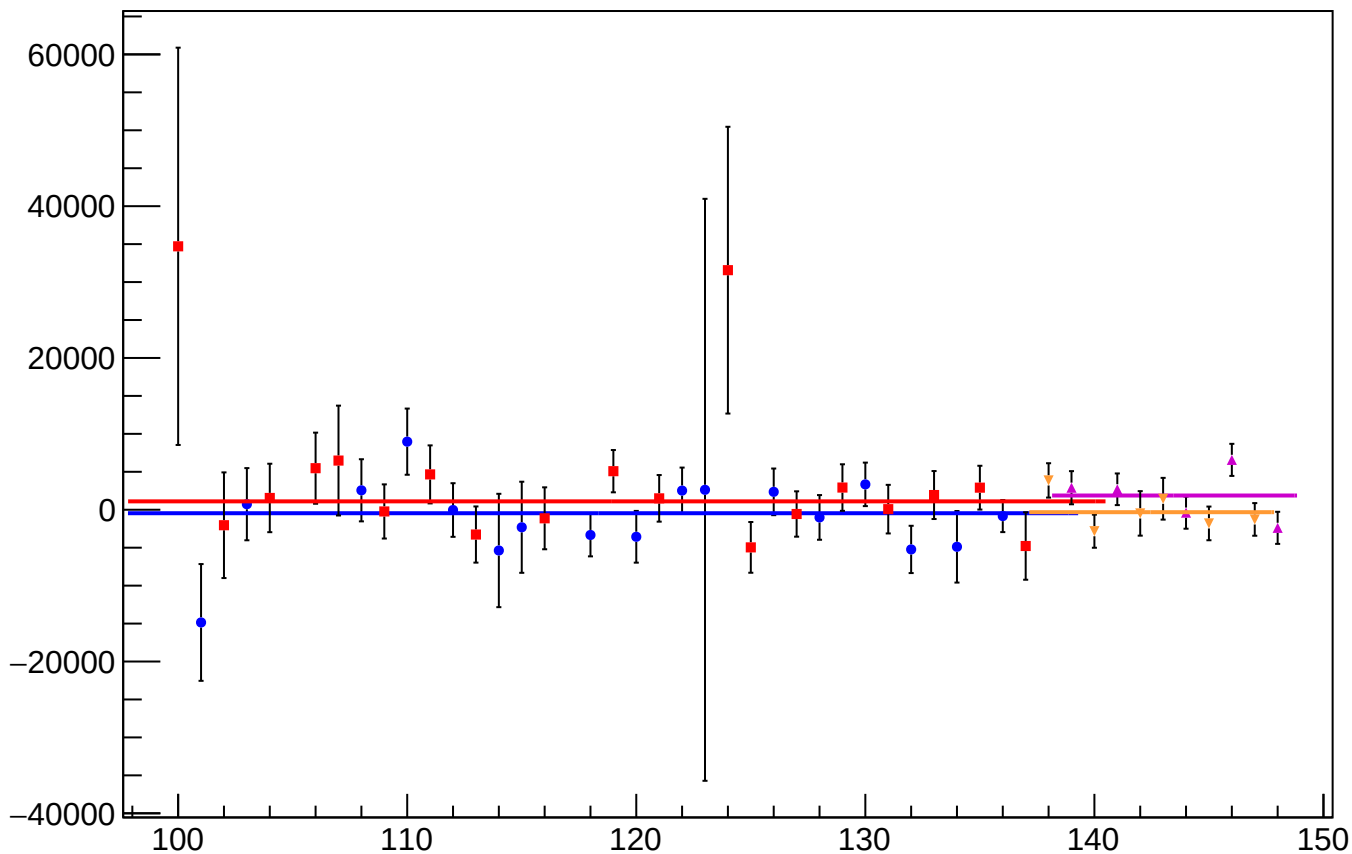
Left In: 457.676+/-0.160 χ^2/NDF : 77870.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.364+/-0.114 χ^2/NDF : 311652.0/10

- 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

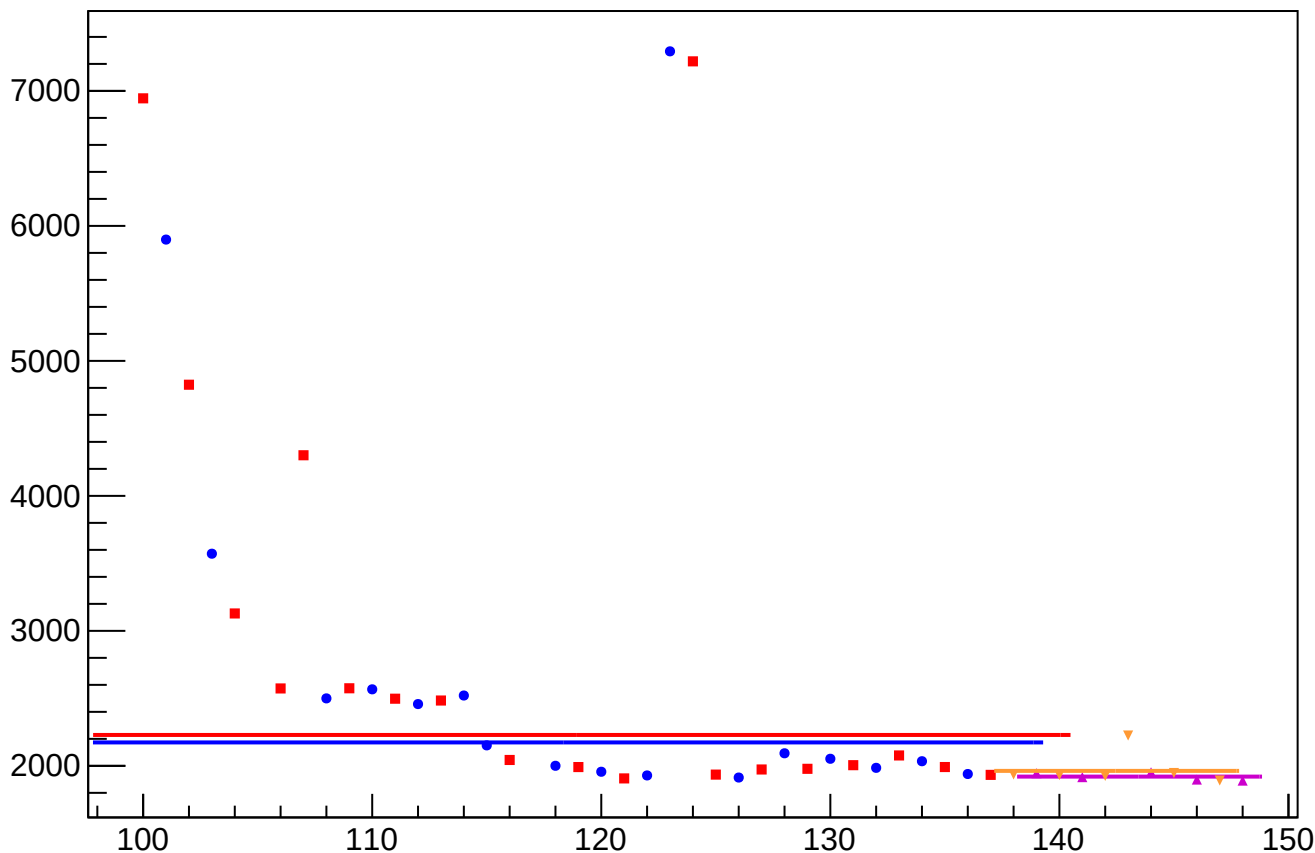
Left In: 1874.417+/-949.078 χ^2/NDF : 10.5/4

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

All: 534.467+/-454.107 χ^2/NDF : 55.8/46

- sign 1454.700+/-640.180 χ^2/NDF : 27.8/23

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

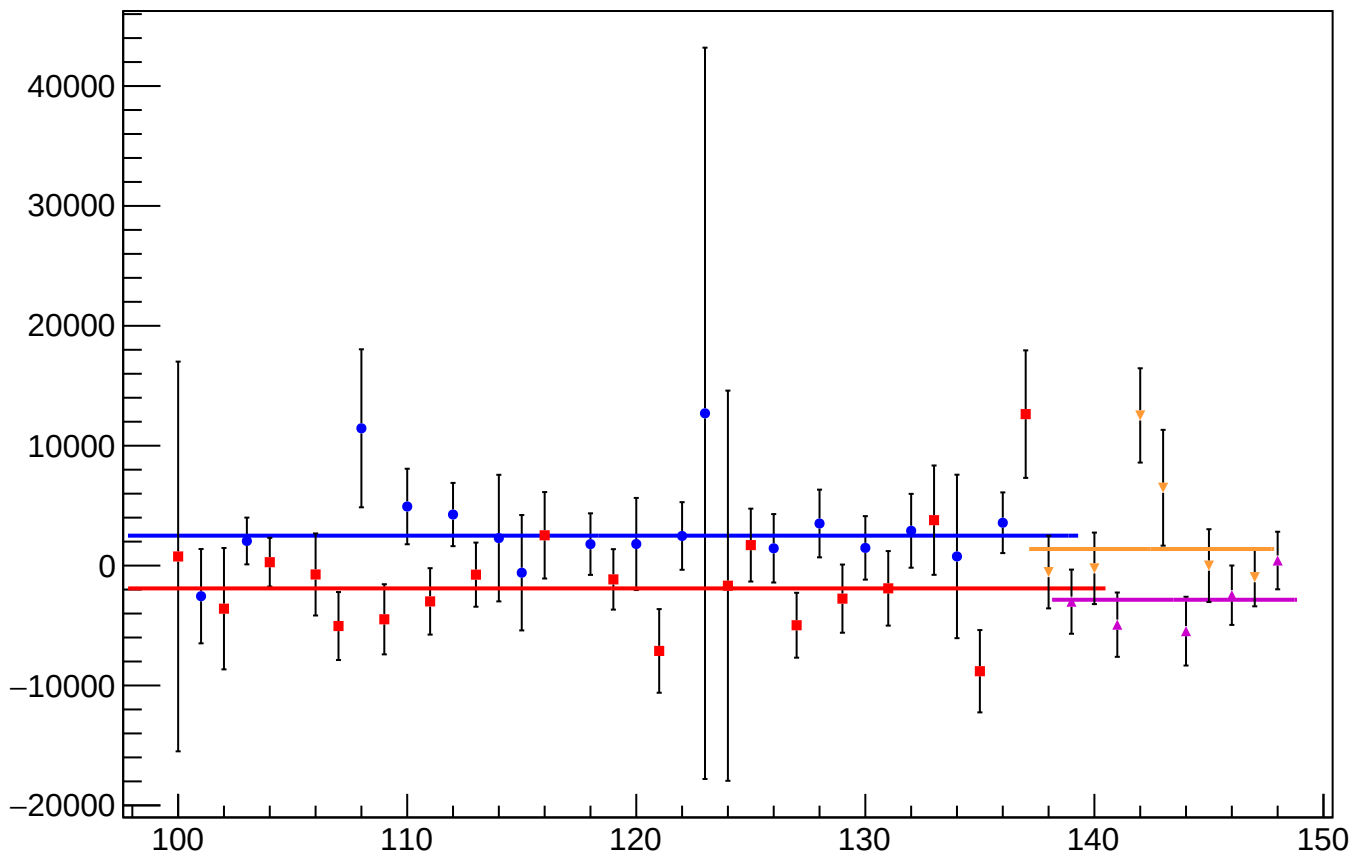
Left In: 1920.350+/-0.671 χ^2/NDF :1335.2/4

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

All: 2084.096+/-0.321 χ^2/NDF : 1892295.3/46

- sign 2088.510+/-0.453 χ^2/NDF : 1012401.2/23

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

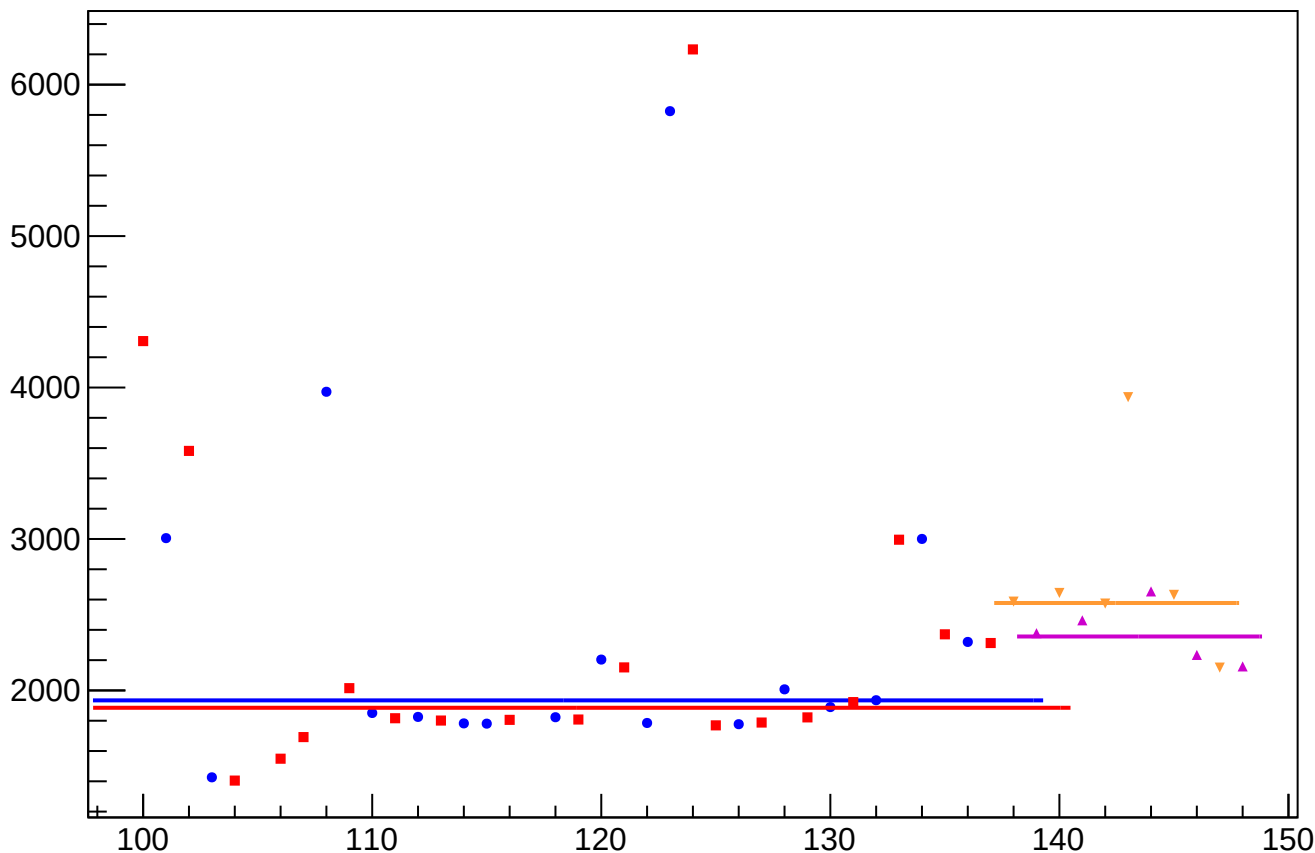
Left In: -2849.754 ± 1165.165 χ^2/NDF : 3.3/4

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

All: -109.860 ± 452.699 χ^2/NDF : 68.0/46

- sign -2173.416 ± 622.733 χ^2/NDF : 27.2/23

dit_asym_at2_avg_rms vs Slug



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

Left Out: 2577.403+/-0.908 χ^2/NDF : 221620.3/5

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

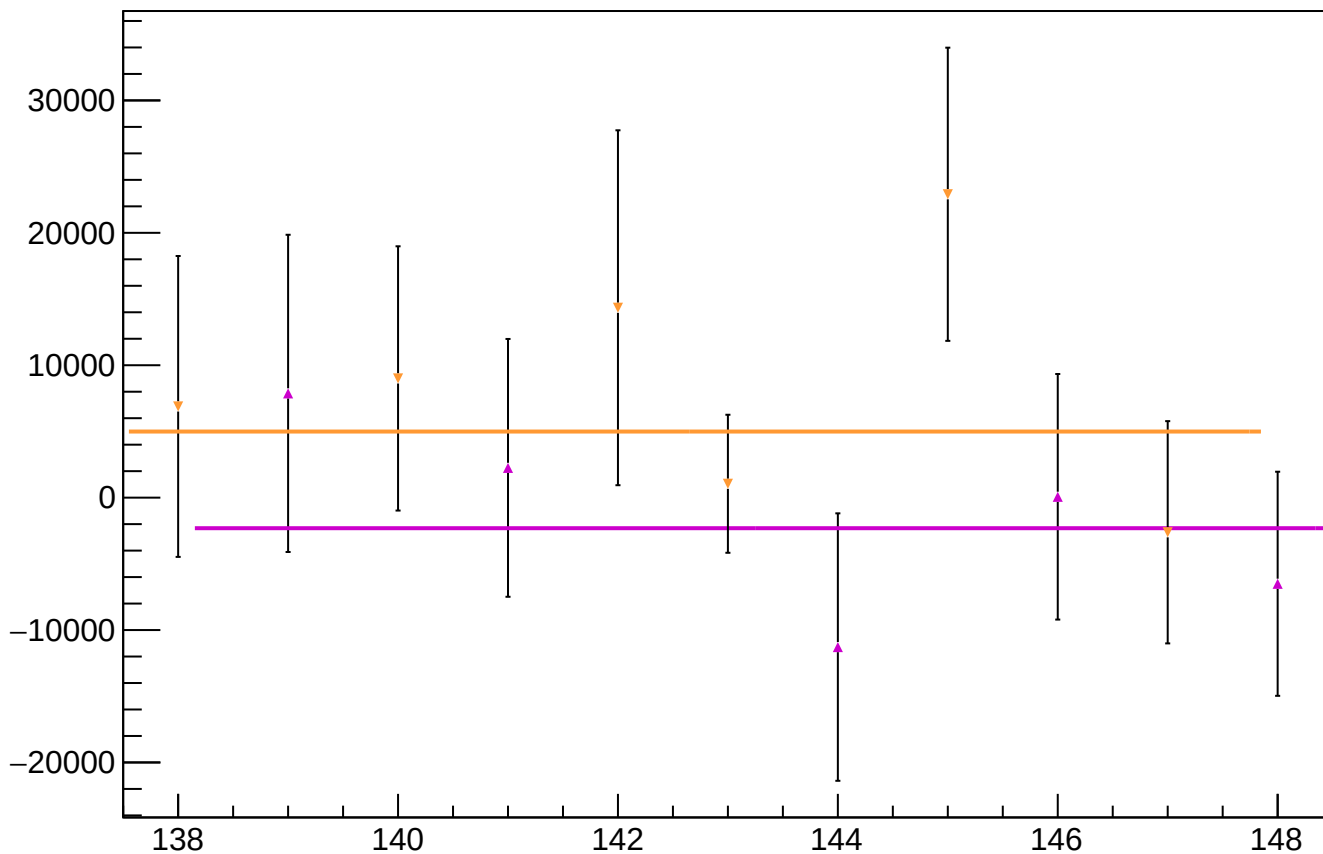
Left In: 2356.193+/-0.824 χ^2/NDF : 43219.5/4

+ sign 2103.971+/-0.466 χ^2/NDF : 1229966.5/22

All: 2059.564+/-0.320 χ^2/NDF : 2275580.0/40

- sign 2019.950+/-0.440 χ^2/NDF : 1028443.4/23

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

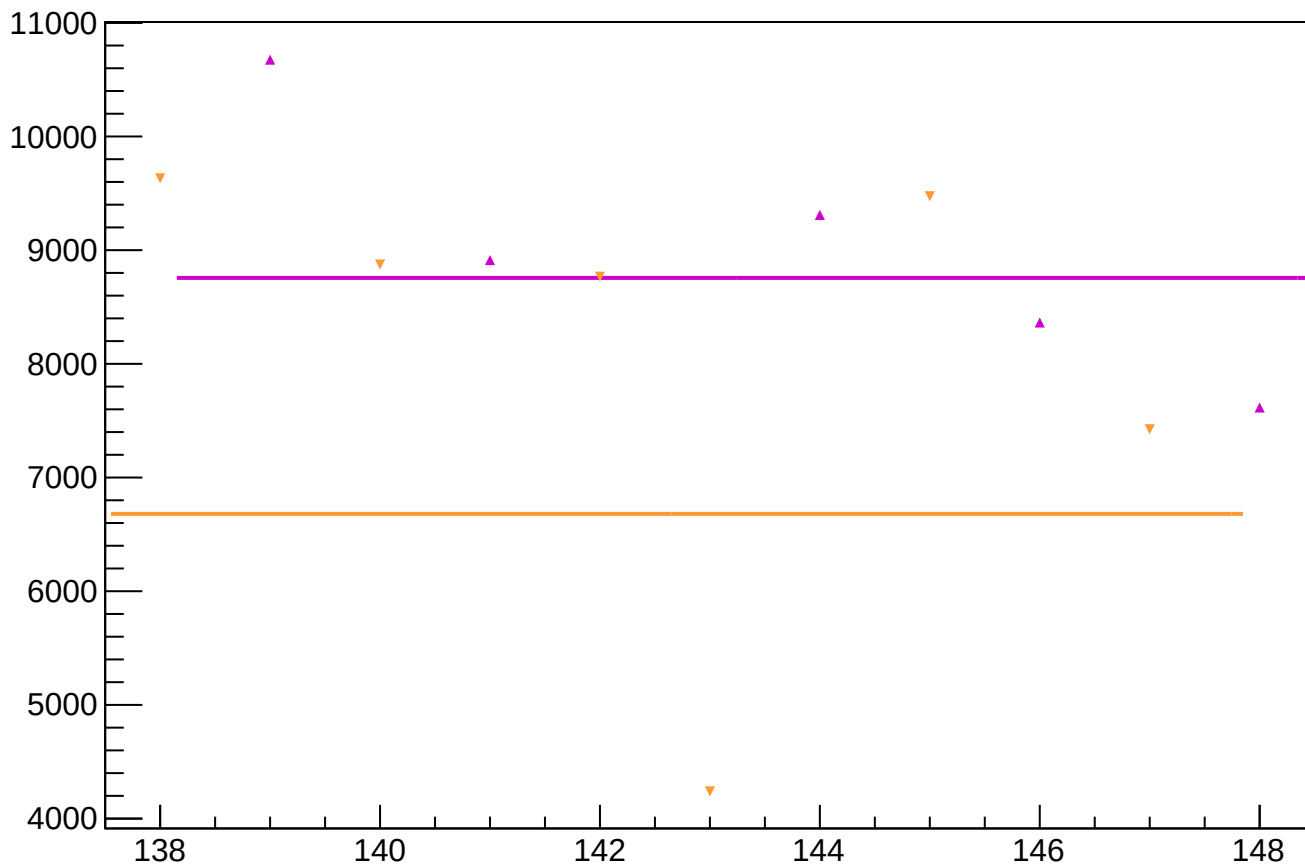
Left In: -2308.017+/-4347.388 χ^2/NDF : 2.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2140.235+/-2717.369 χ^2/NDF : 8.5/10

- 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

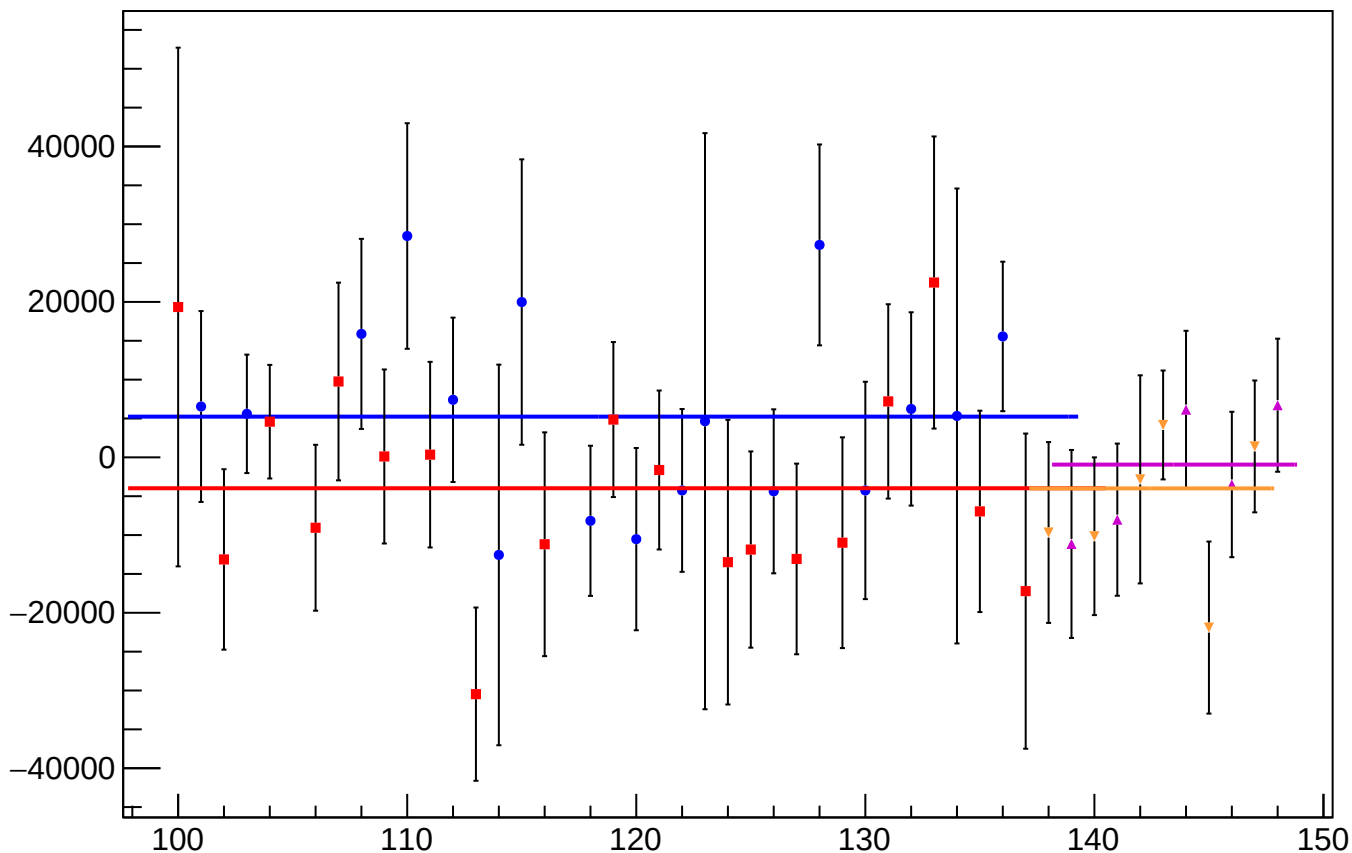
Left In: 8756.058+/-3.074 χ^2/NDF : 97763.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7491.396+/-1.921 χ^2/NDF : 1237256.1/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



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

Left Out: -3995.708 $\pm$ 3919.050 χ^2 /NDF:5.0/5

Right Out: -3976.061 $\pm$ 2790.421 χ^2 /NDF: 15.6/18

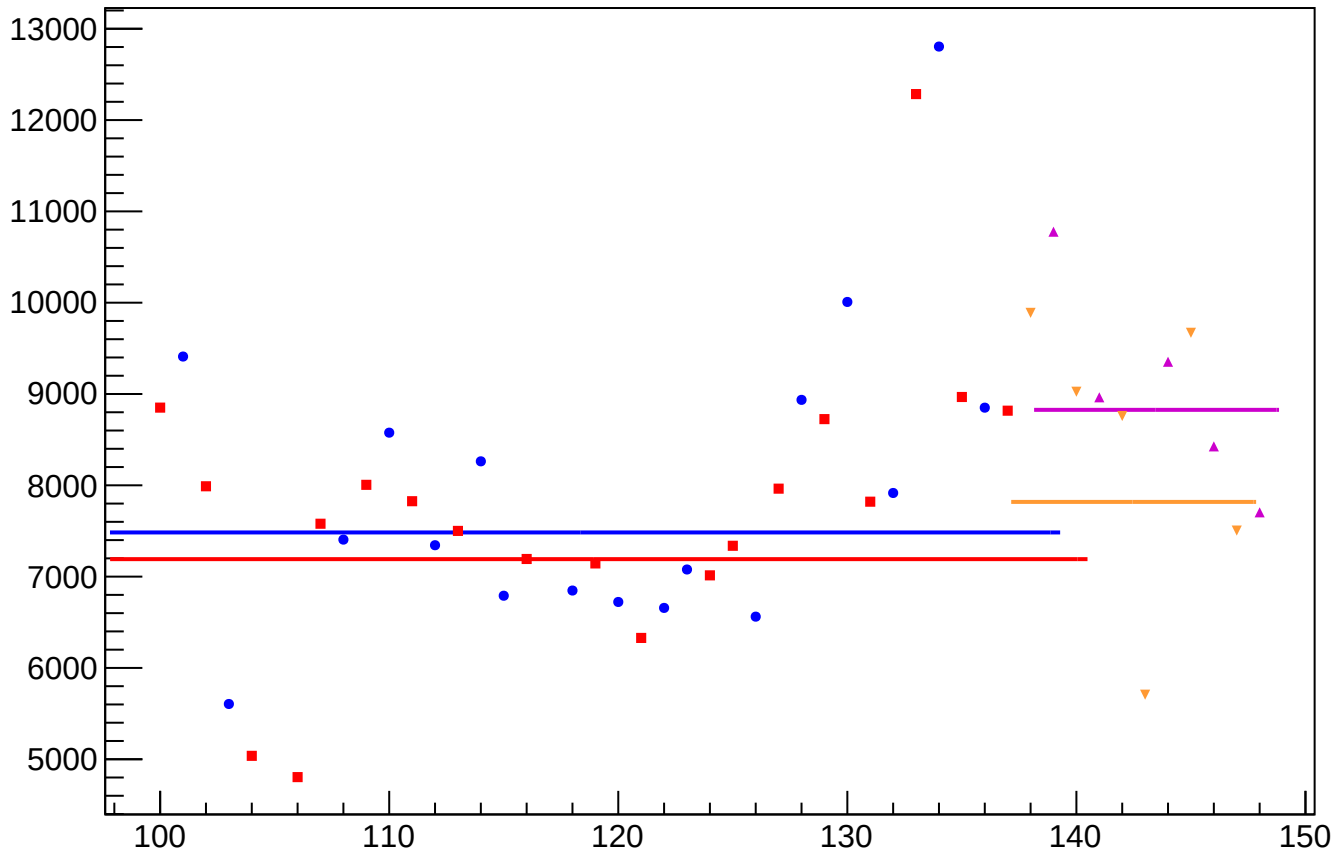
Left In: -932.998 $\pm$ 4382.879 χ^2 /NDF:2.6/4

+ sign 1904.269 $\pm$ 2354.946 χ^2 /NDF: 23.0/22

All: -598.206 $\pm$ 1664.811 χ^2 /NDF: 43.8/46

- sign -3098.354 $\pm$ 2353.851 χ^2 /NDF: 18.6/23

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

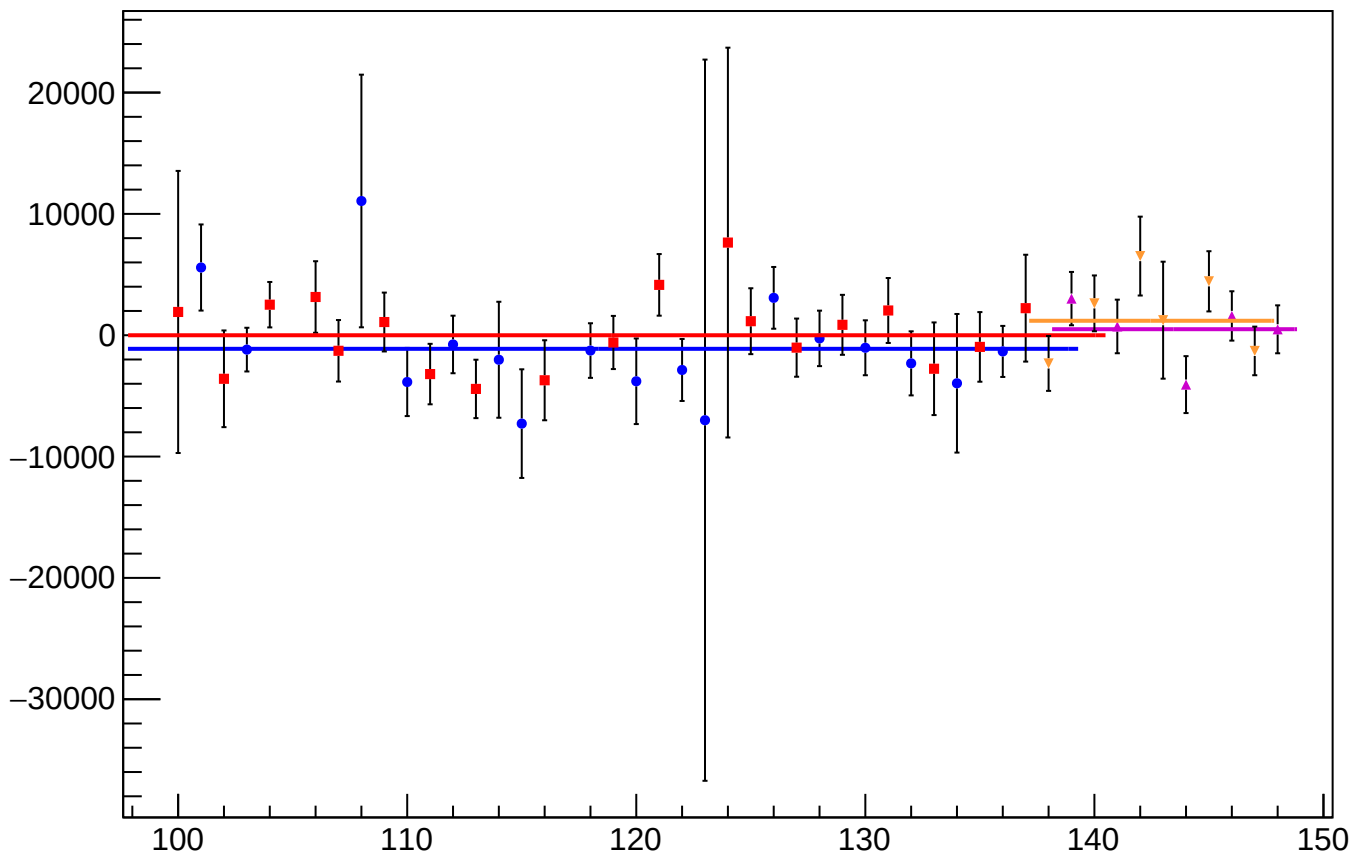
Left In: 8826.470+/-3.099 χ^2/NDF : 95858.5/4

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

All: 7633.774+/-1.177 χ^2/NDF : 1636245.6/40

- sign 7662.952+/-1.664 χ^2/NDF : 852676.2/23

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

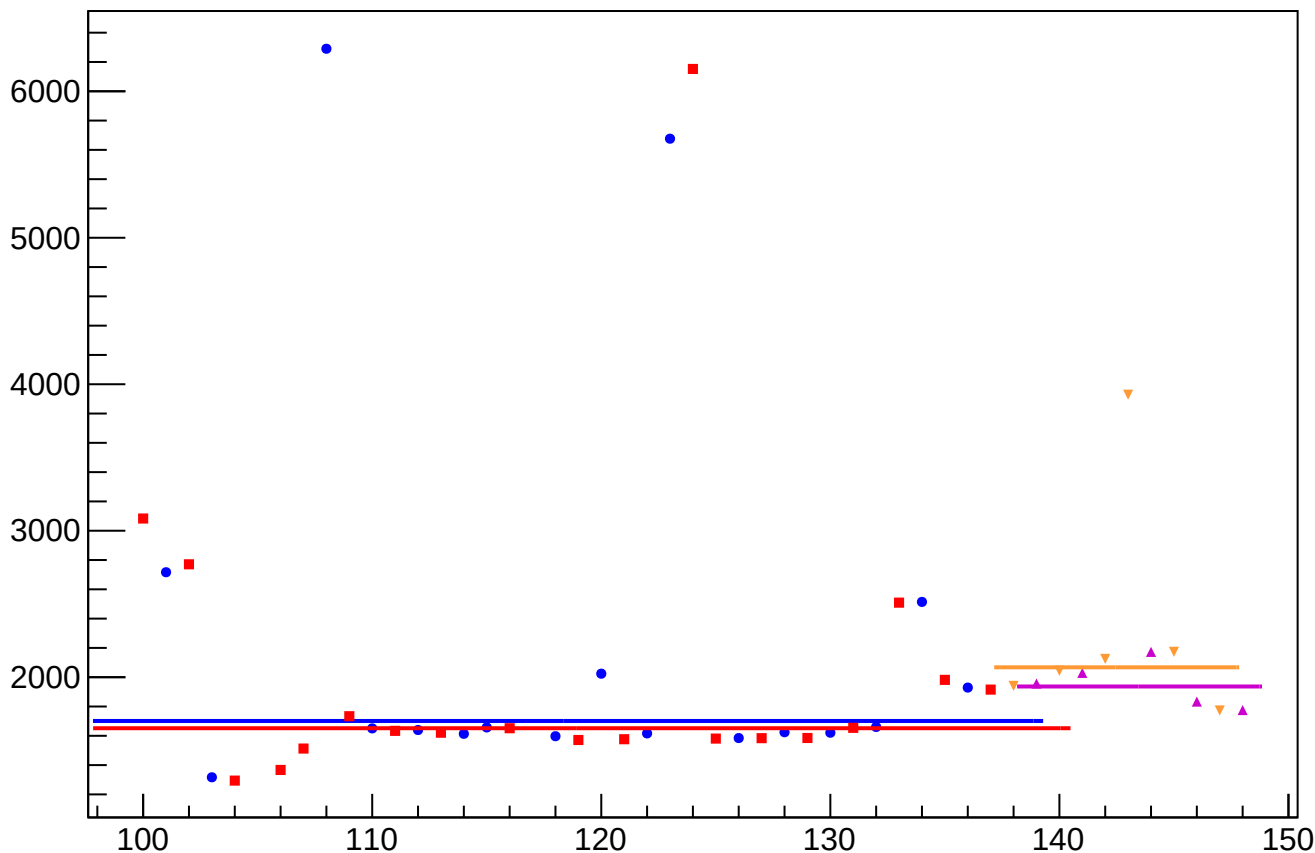
Left In: 496.778 ± 957.082 χ^2/NDF : 5.4/4

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

All: -117.626 ± 388.158 χ^2/NDF : 46.1/46

- sign 151.655 ± 531.827 χ^2/NDF : 21.1/23

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

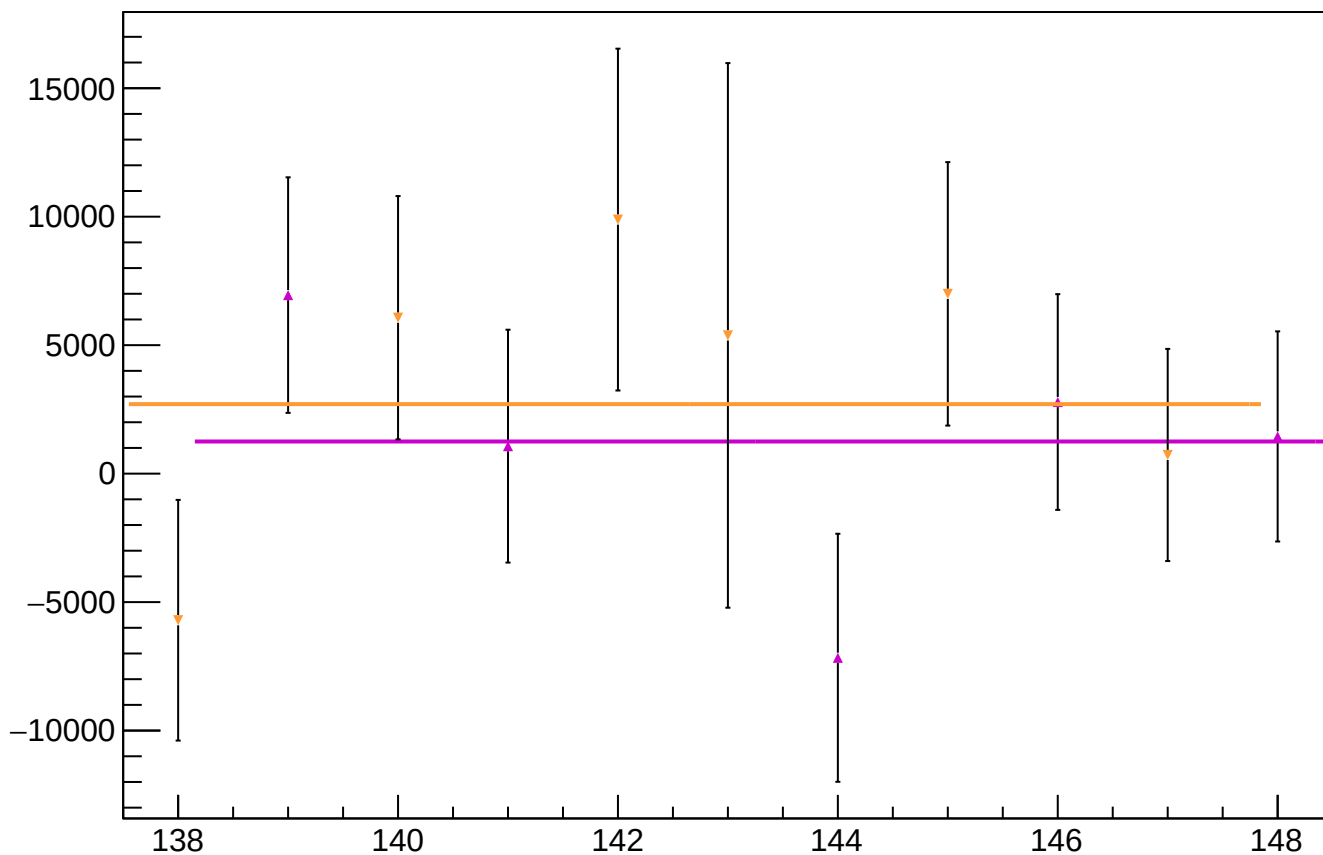
Left In: 1936.673+/-0.677 χ^2/NDF : 42442.1/4

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

All: 1773.284+/-0.274 χ^2/NDF : 2076809.2/46

- sign 1739.716+/-0.376 χ^2/NDF : 753817.9/23

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

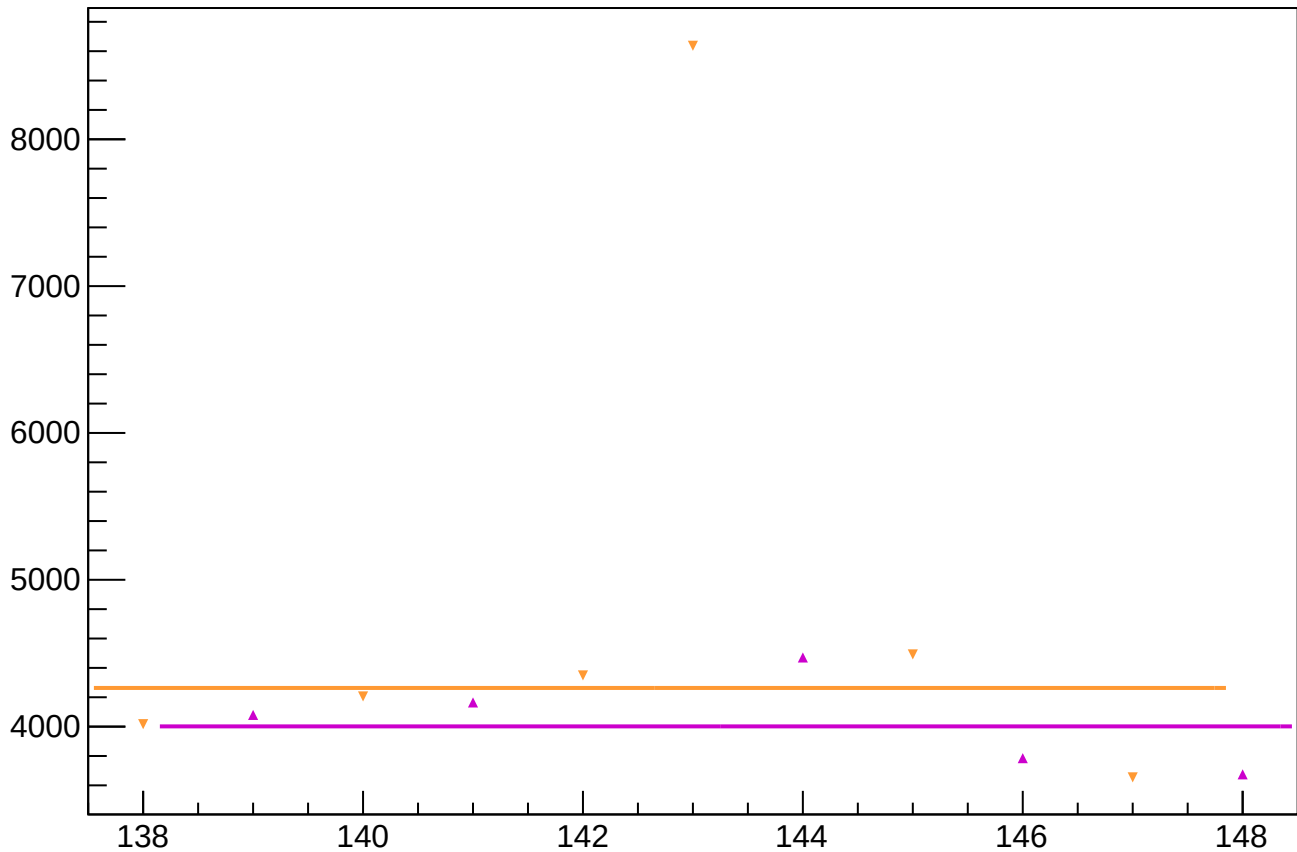
Left In: 1250.631+/-1977.300 χ^2/NDF : 4.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1920.688+/-1452.137 χ^2/NDF : 10.9/10

- 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

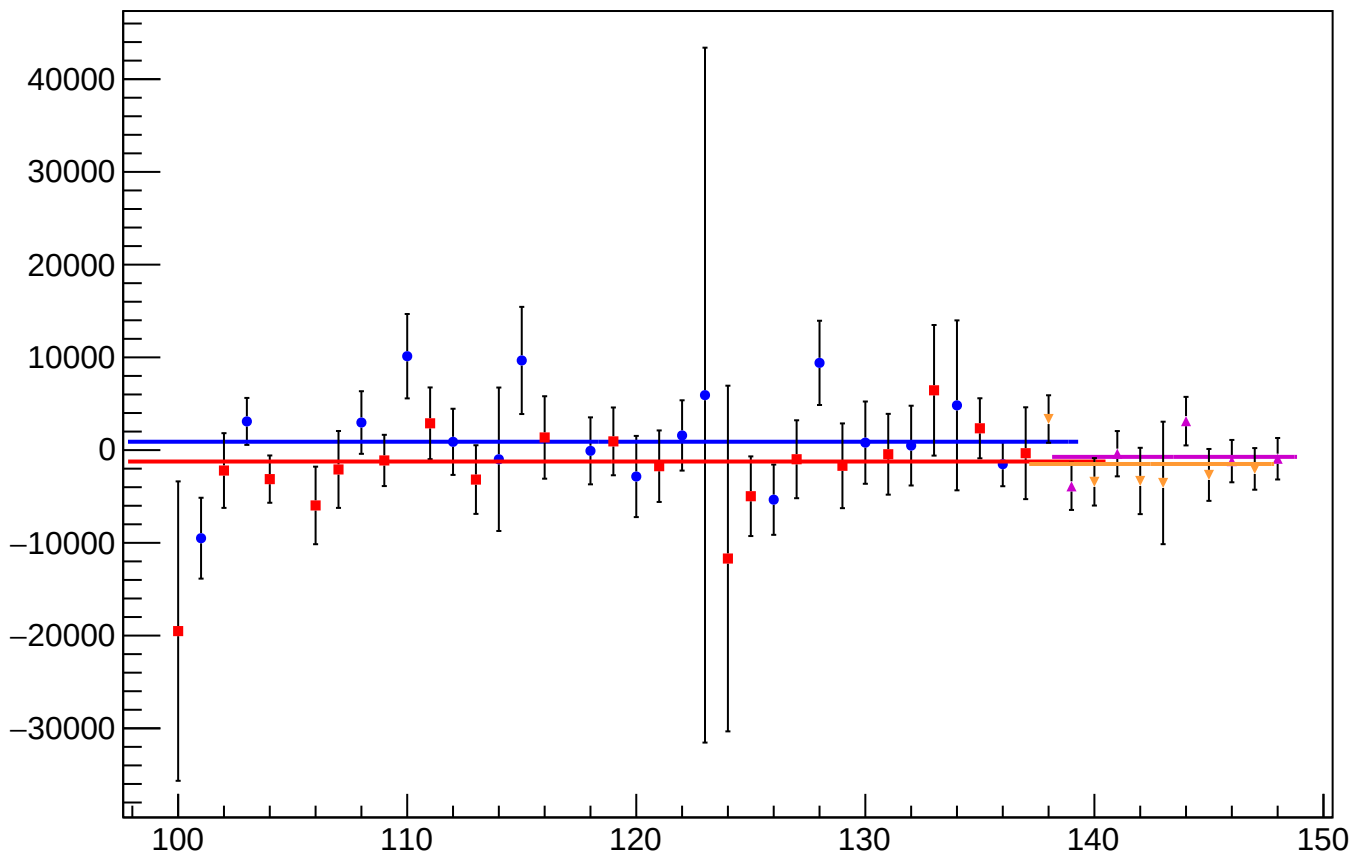
Left In: 4001.613+/-1.398 χ^2/NDF : 40157.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4122.190+/-1.027 χ^2/NDF : 450567.8/10

- 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

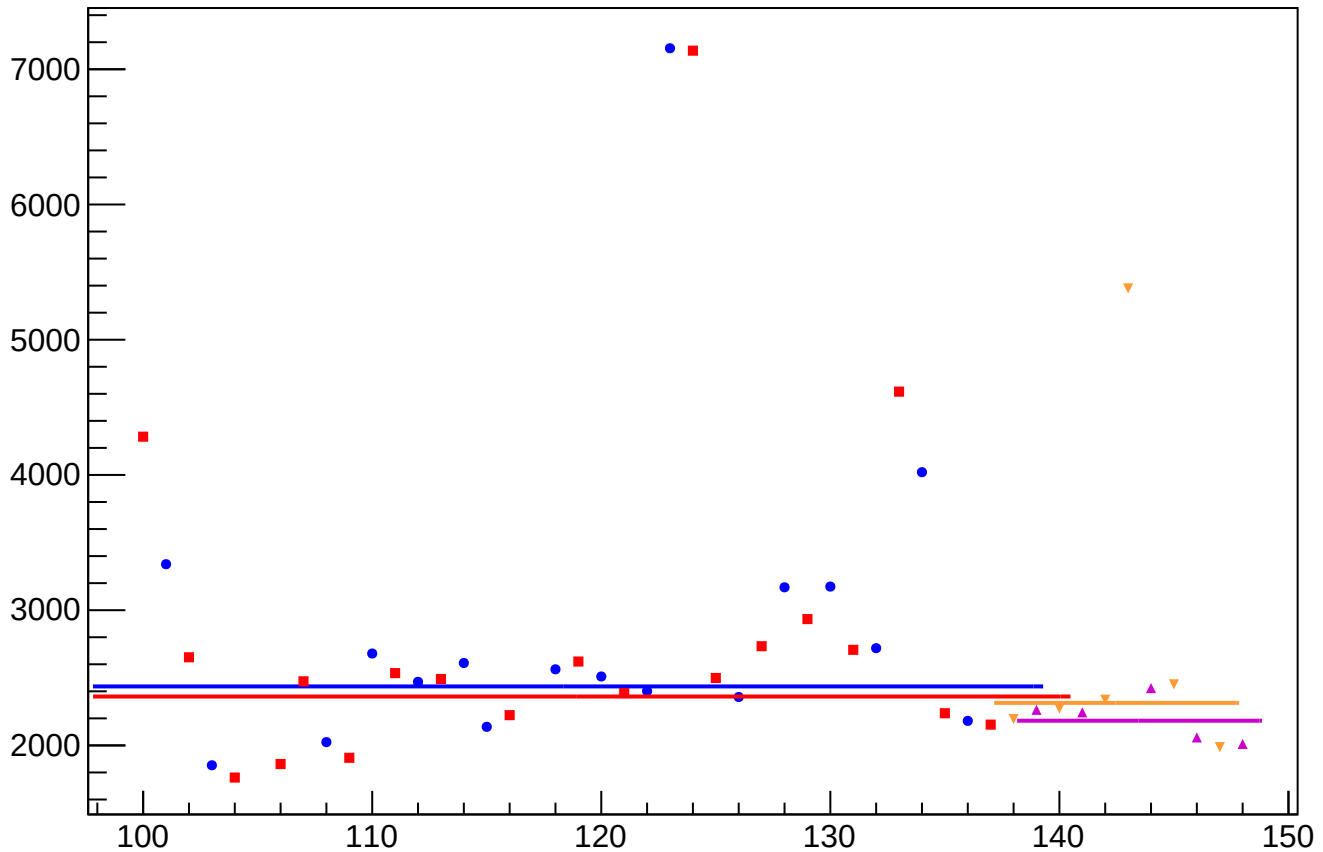
Left In: -729.035 ± 1078.385 χ^2/NDF : 3.8/4

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

All: -568.914 ± 510.162 χ^2/NDF : 42.6/46

- sign -1018.226 ± 702.110 χ^2/NDF : 12.8/23

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

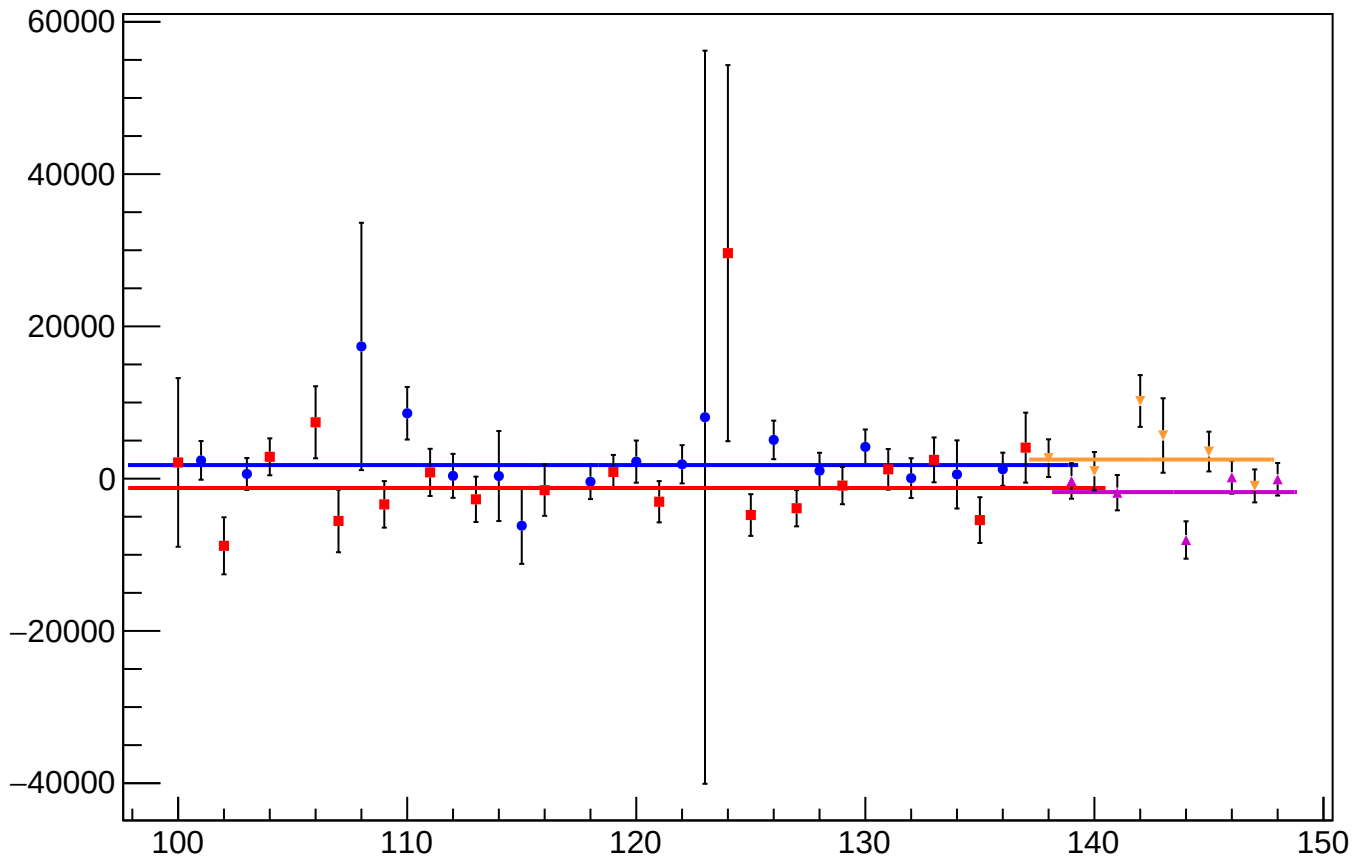
Left In: 2182.664+/-0.763 χ^2/NDF :37959.3/4

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

All: 2333.558+/-0.361 χ^2/NDF : 1709836.5/46

- sign 2285.726+/-0.496 χ^2/NDF : 725513.7/23

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

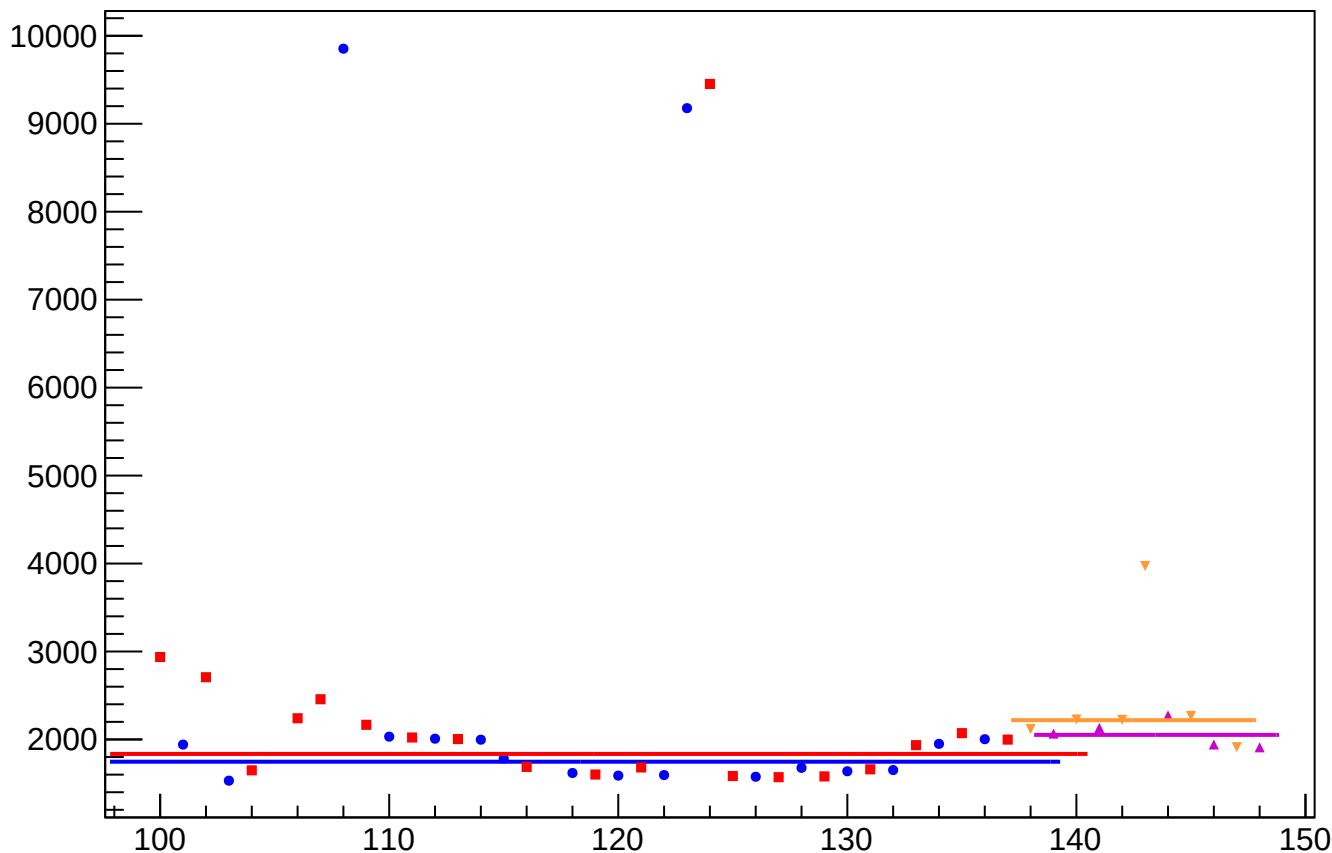
Left In: -1764.749 $\pm$ 1016.160 χ^2 /NDF:8.4/4

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

All: 268.879 $\pm$ 413.600 χ^2 /NDF: 71.0/46

- sign -1404.329 $\pm$ 580.984 χ^2 /NDF: 32.8/23

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

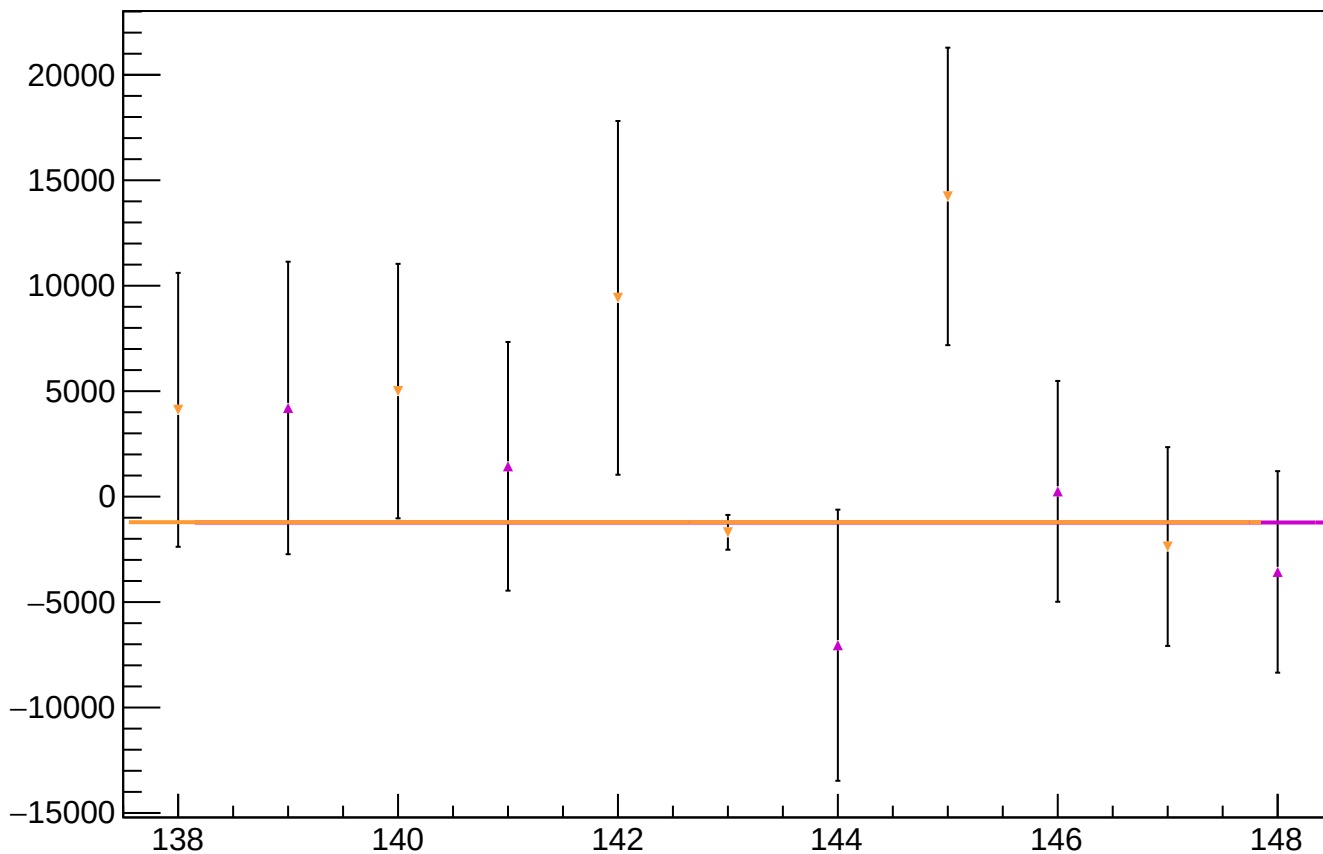
Left In: 2051.949+/-0.719 χ^2/NDF : 32431.8/4

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

All: 1892.956+/-0.292 χ^2/NDF : 1889639.7/46

- sign 1906.083+/-0.410 χ^2/NDF : 644012.1/23

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

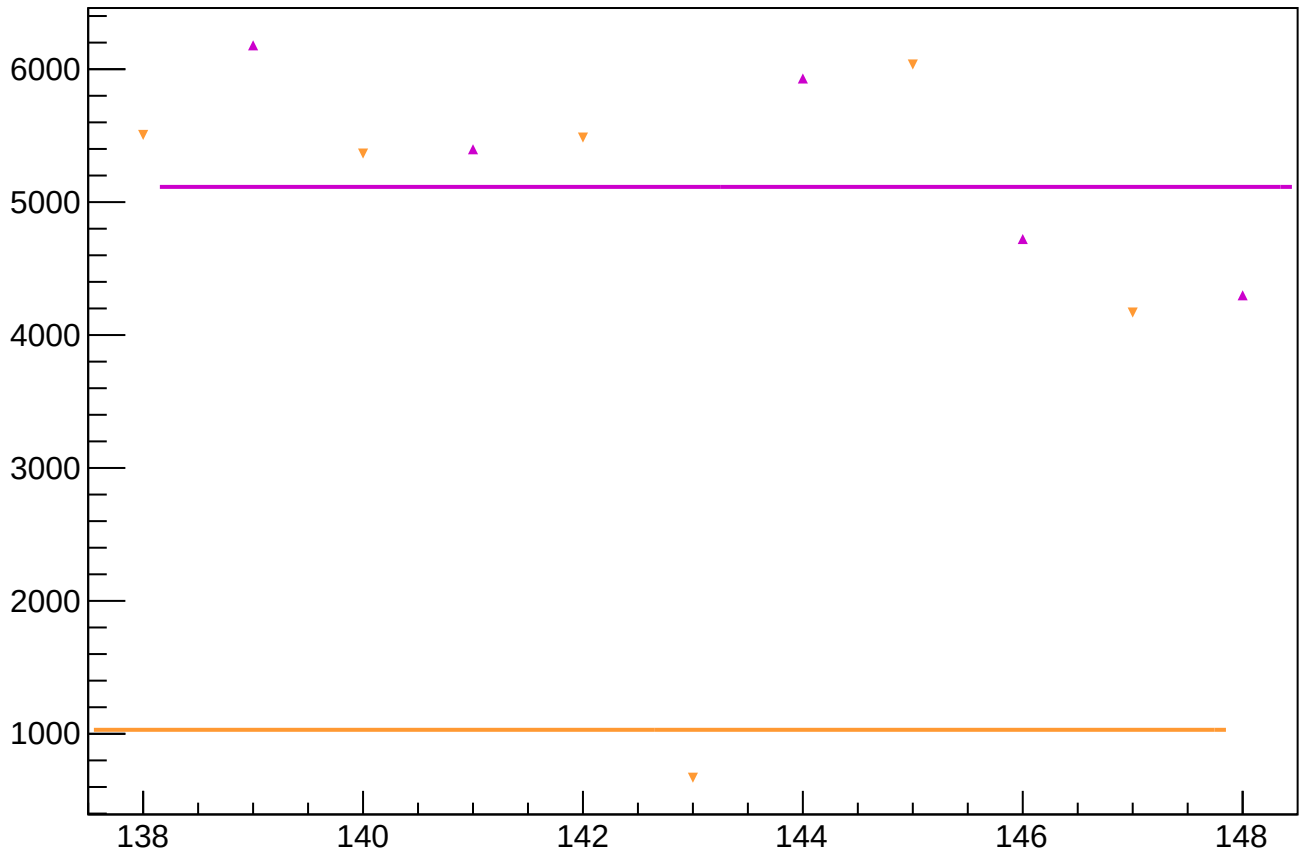
Left In: -1226.786+/-2547.702 χ^2/NDF : 2.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1213.404+/-754.577 χ^2/NDF : 10.5/10

- 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

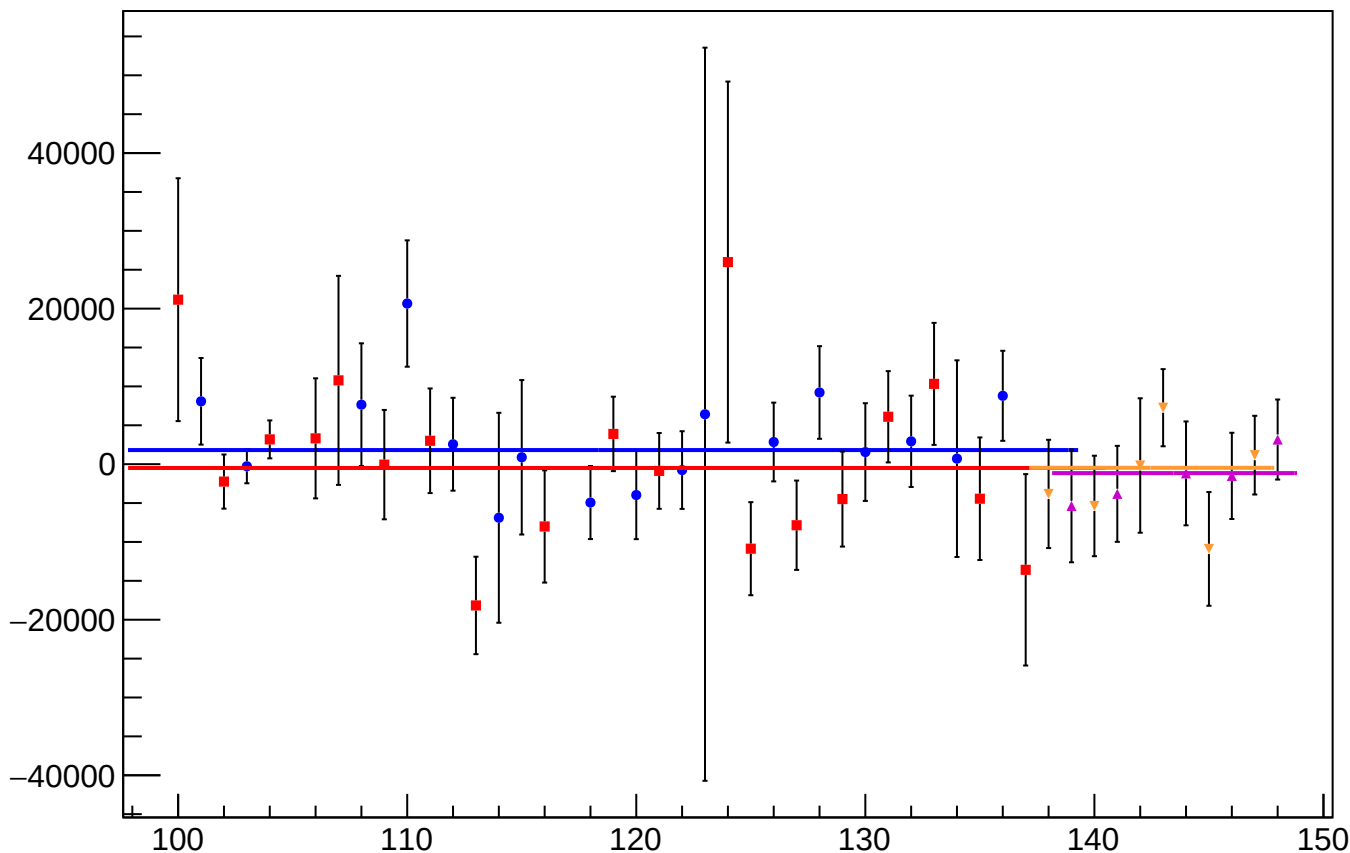
Left In: 5114.517+/-1.801 χ^2/NDF : 153475.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.483+/-0.534 χ^2/NDF : 9666576.5/10

- 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

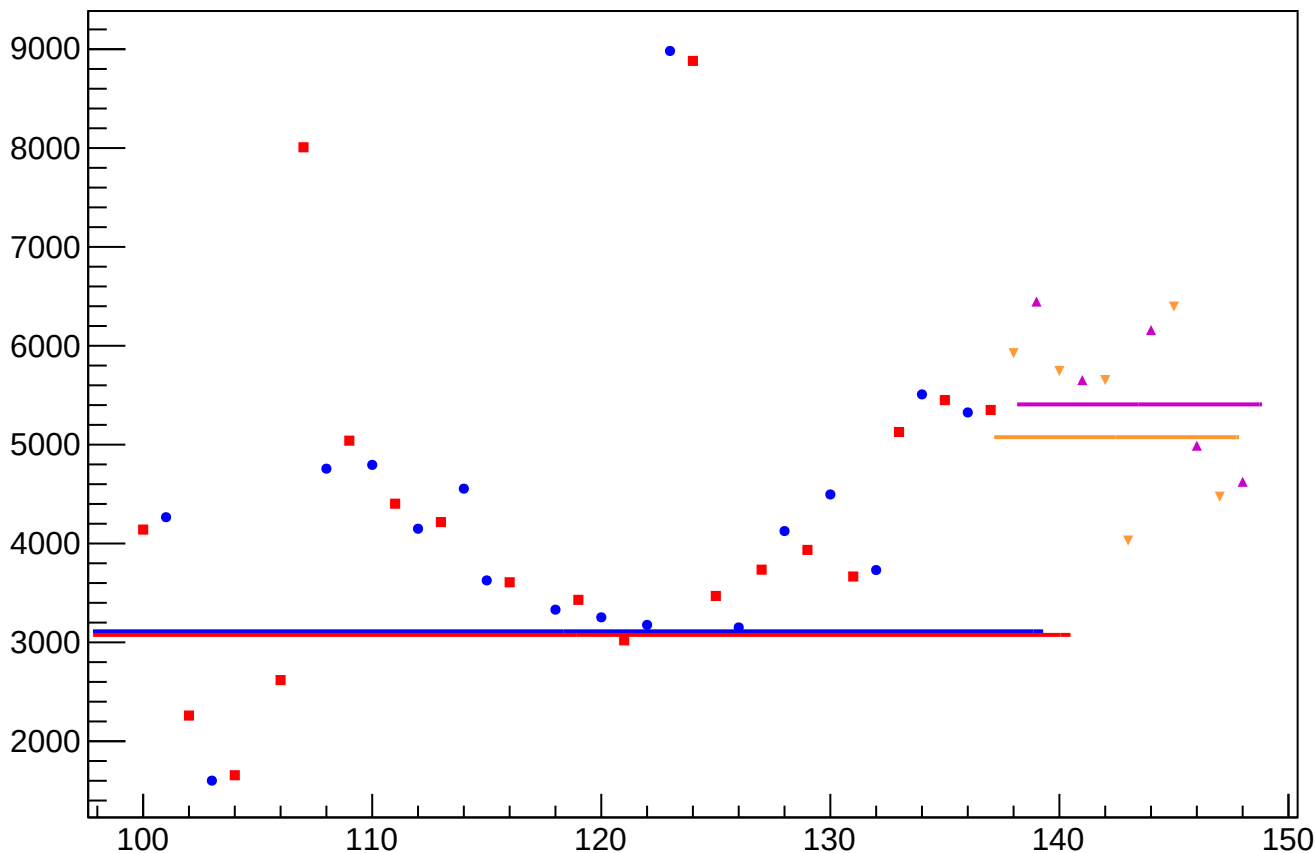
Left In: -1146.697+/-2691.810 χ^2/NDF : 1.2/4

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

All: 365.491+/-819.359 χ^2/NDF : 50.2/46

- sign -610.708+/-1160.431 χ^2/NDF : 27.8/23

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

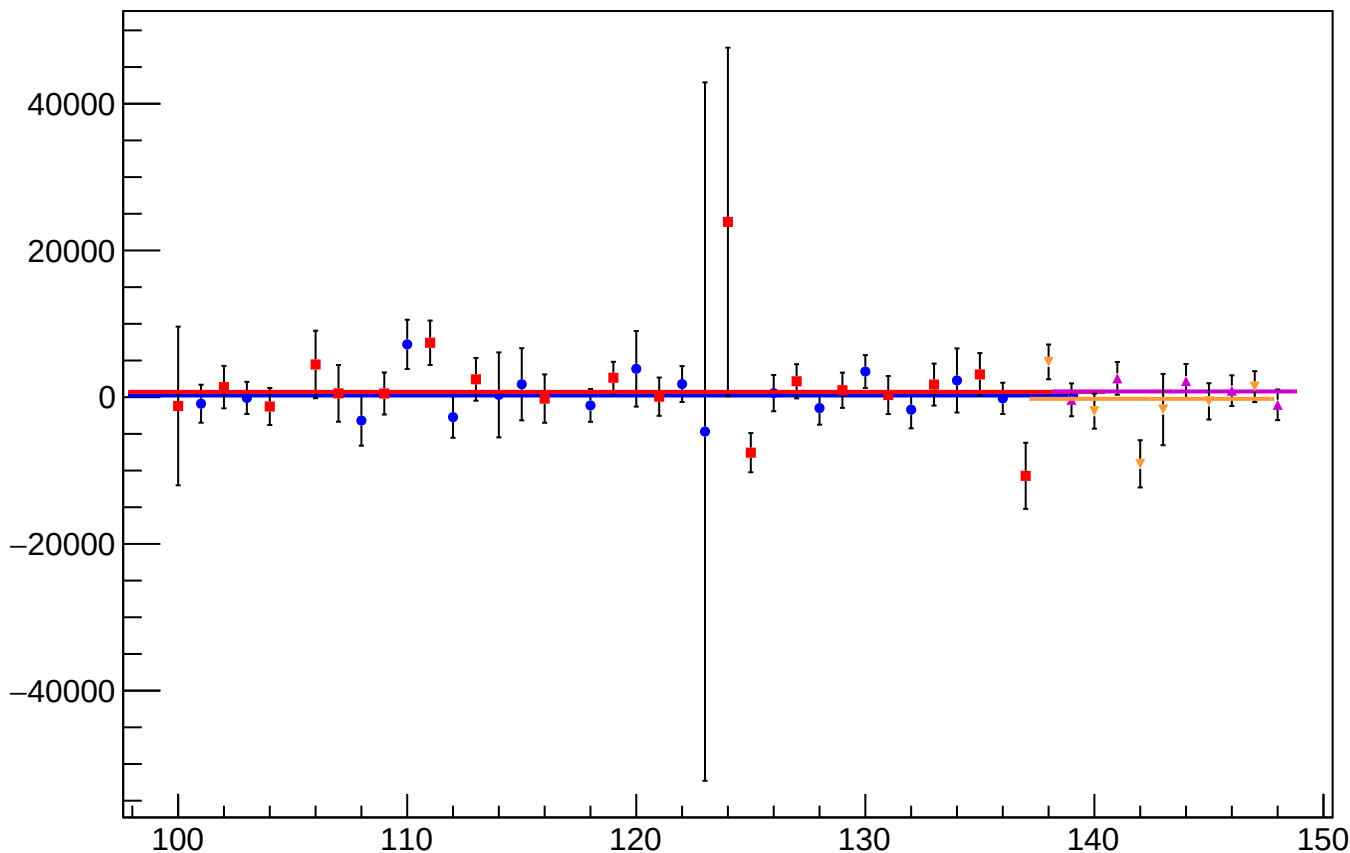
Left In: 5407.055 ± 1.903 χ^2/NDF : 127392.7/4

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

All: 3510.732 ± 0.576 χ^2/NDF : 6440835.4/40

- sign 3498.860 ± 0.811 χ^2/NDF : 3364824.1/23

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

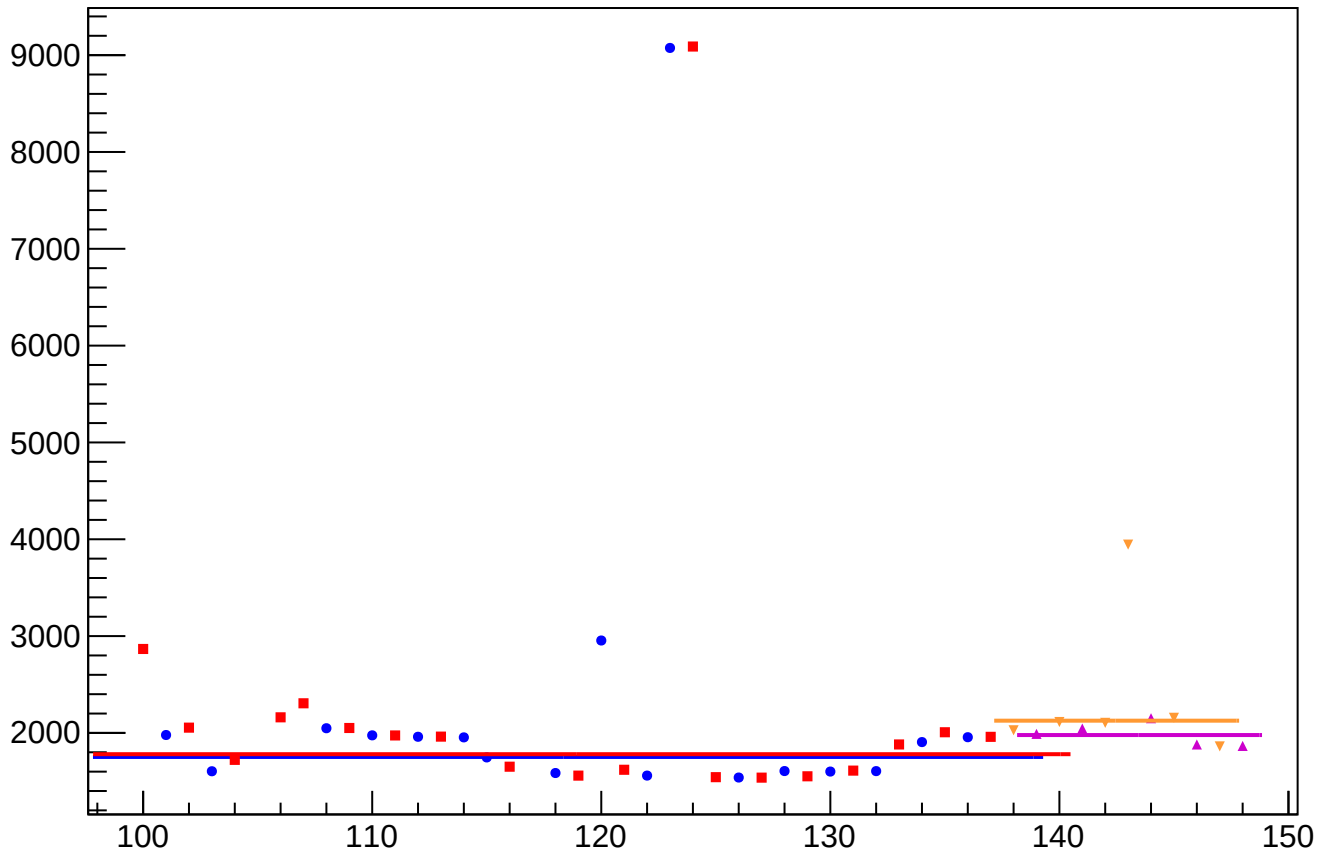
Left In: 782.582+/-978.717 χ^2/NDF :2.0/4

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

All: 430.871+/-402.226 χ^2/NDF : 53.5/46

- sign 744.687+/-560.747 χ^2/NDF : 27.8/23

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

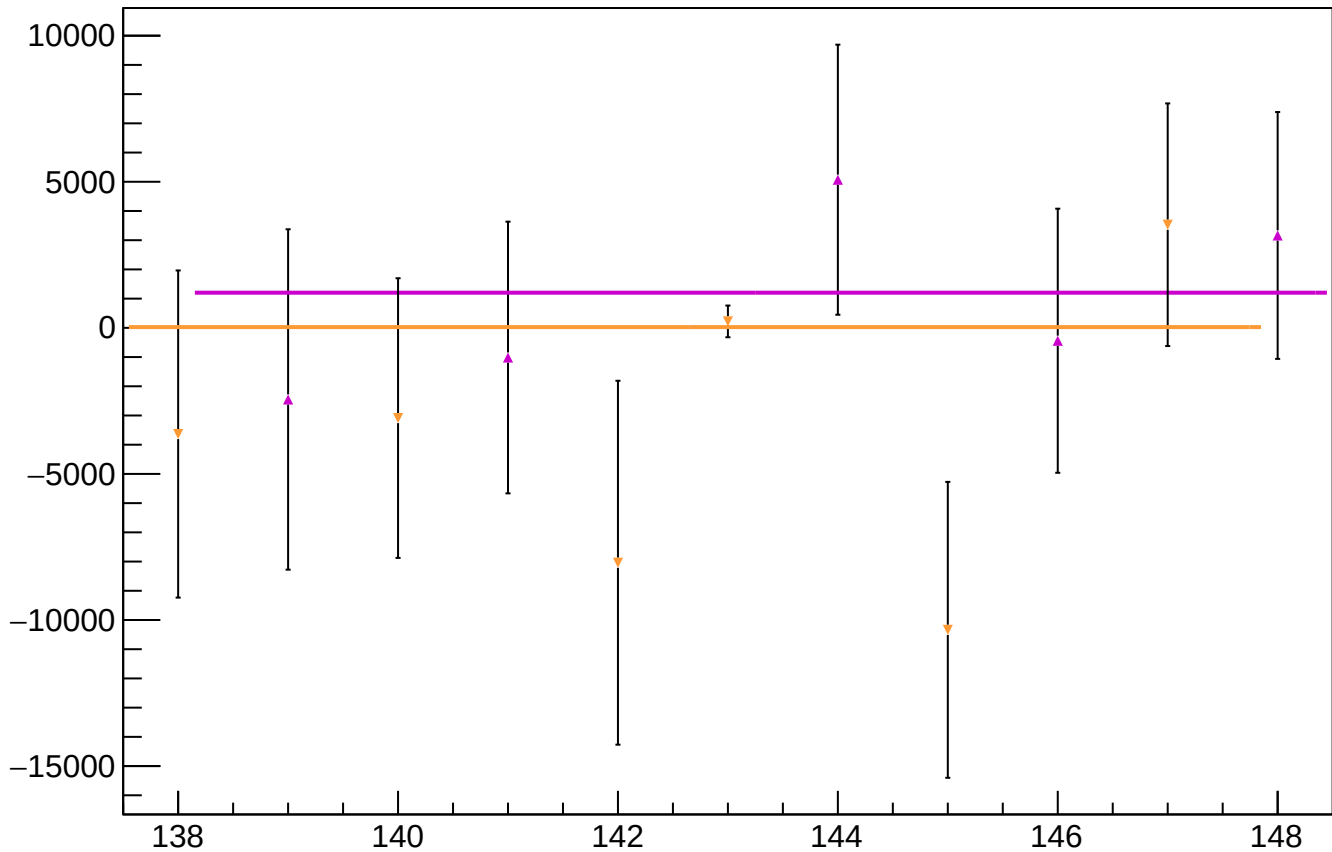
Left In: 1977.966+/-0.692 χ^2/NDF : 23156.3/4

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

All: 1853.125+/-0.284 χ^2/NDF : 1298819.4/40

- sign 1844.987+/-0.396 χ^2/NDF : 506391.6/23

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

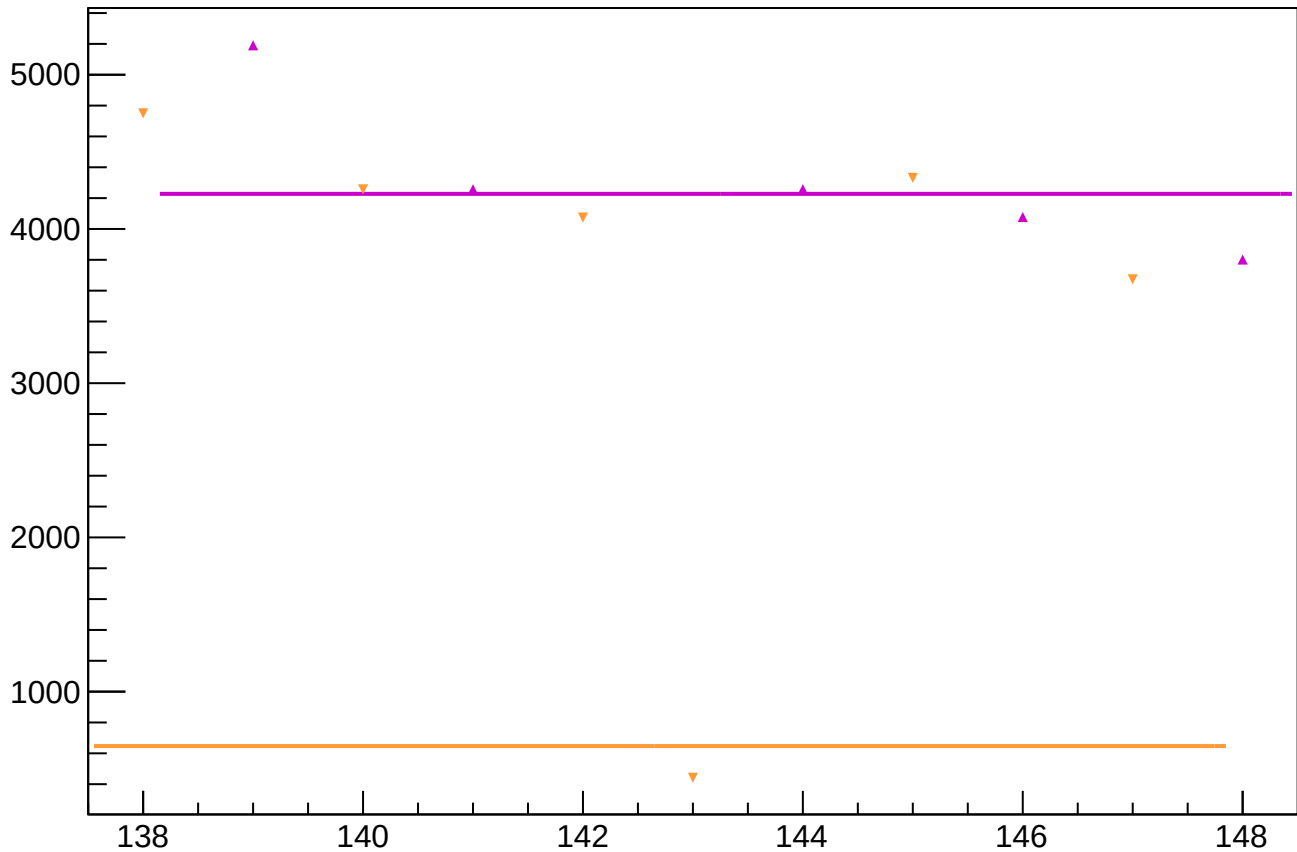
Left In: 1203.328+/-2096.544 χ^2/NDF : 1.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.575+/-511.756 χ^2/NDF : 9.5/10

- 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

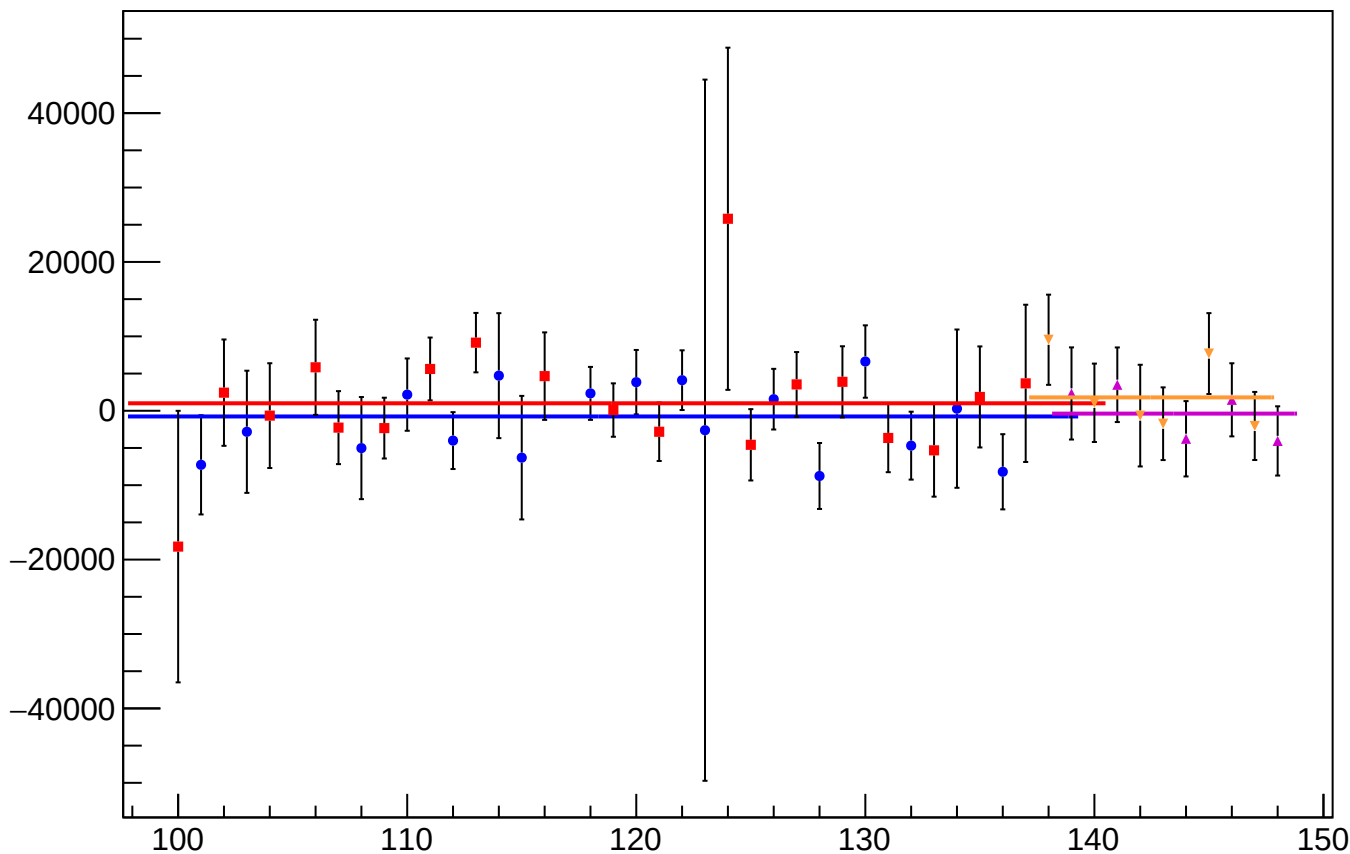
Left In: 4227.638+/-1.482 χ^2/NDF : 77371.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 860.207+/-0.362 χ^2/NDF : 10787766.8/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



Right In: -765.107 ± 1247.704 $\chi^2/\text{NDF}: 15.5/16$

Left Out: 1797.429 ± 2191.563 $\chi^2/\text{NDF}: 4.2/5$

Right Out: 1004.792 ± 1191.116 $\chi^2/\text{NDF}: 15.0/18$

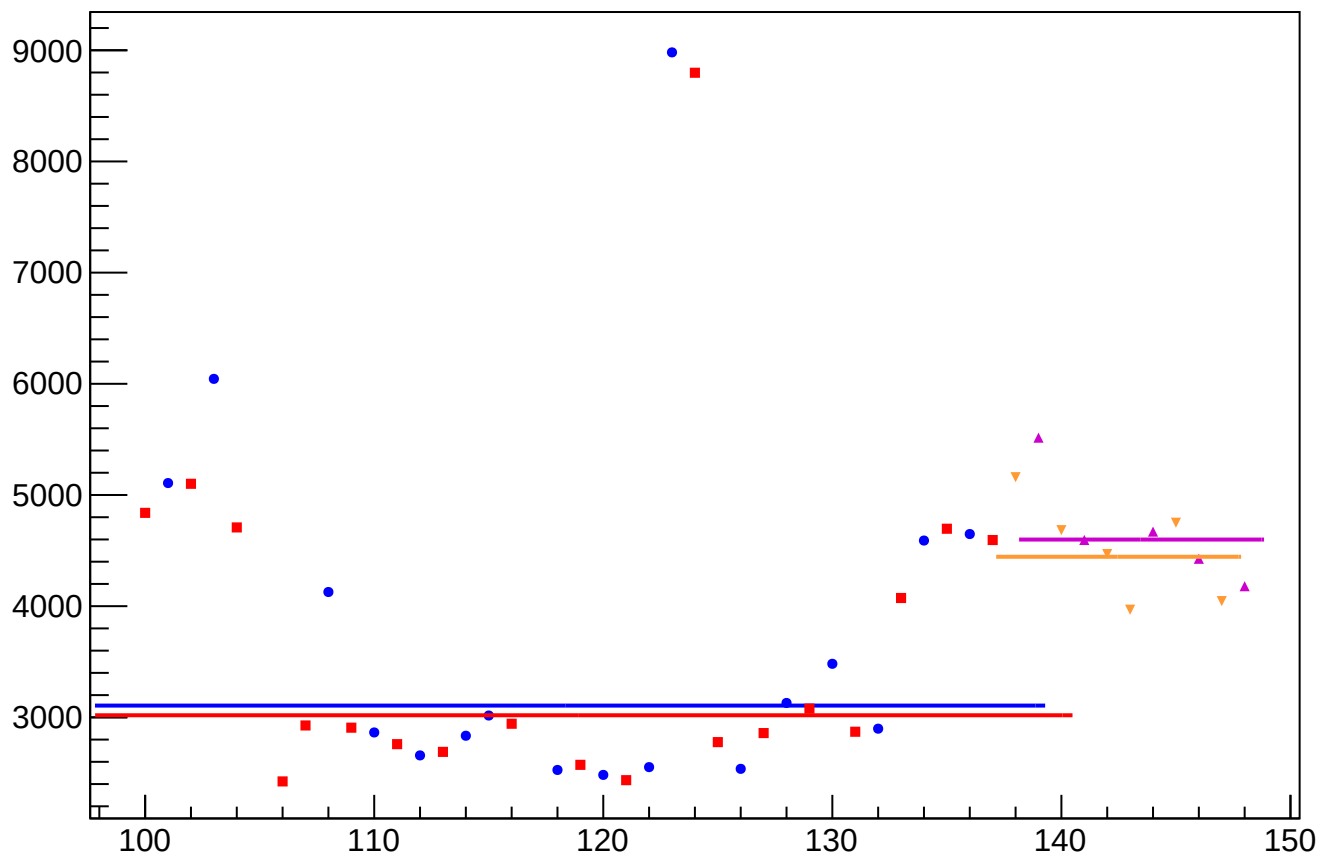
Left In: -381.235 ± 2279.031 $\chi^2/\text{NDF}: 2.0/4$

+ sign -137.836 ± 1084.293 $\chi^2/\text{NDF}: 20.7/22$

All: 296.110 ± 756.375 $\chi^2/\text{NDF}: 38.4/46$

- sign 707.421 ± 1055.635 $\chi^2/\text{NDF}: 17.3/23$

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

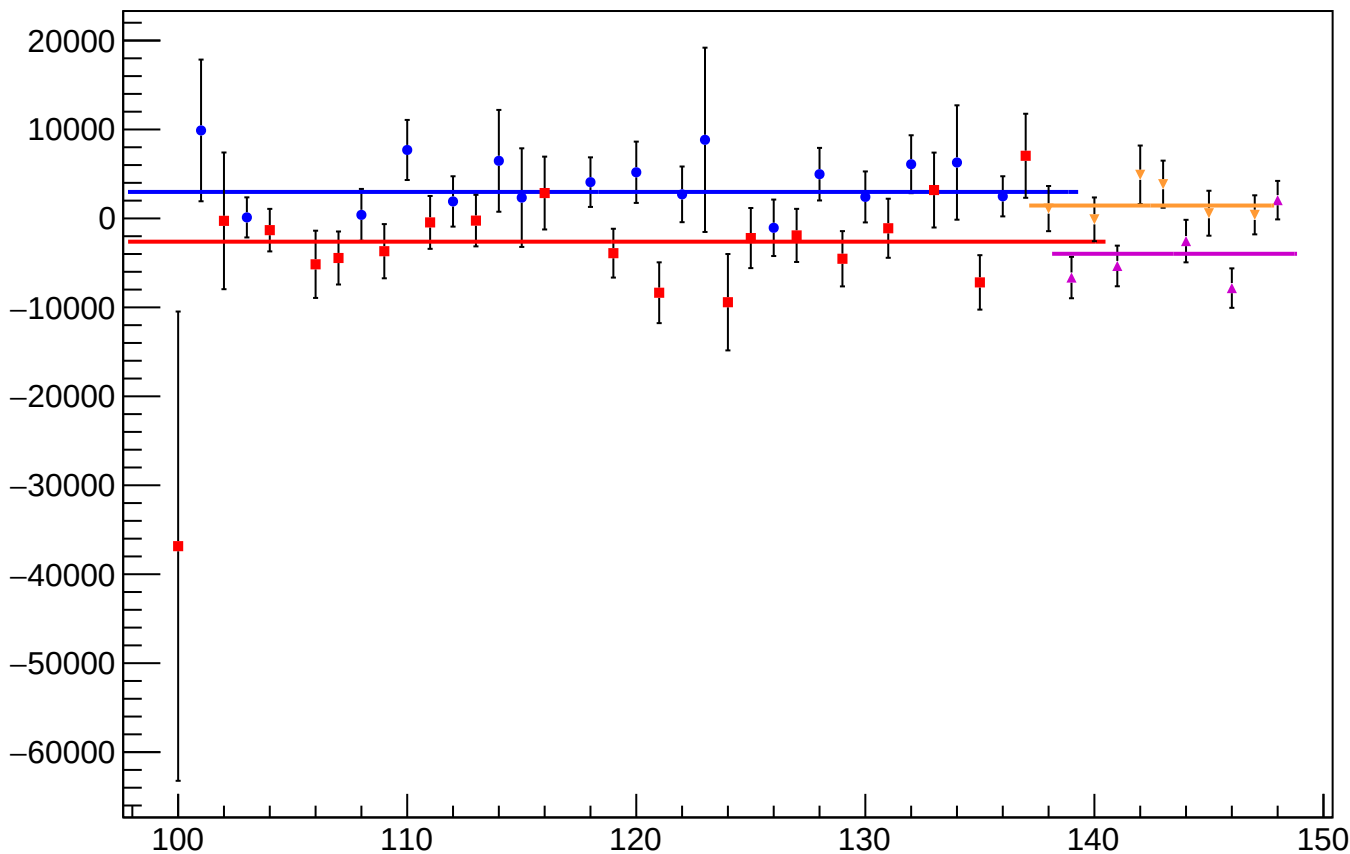
Left In: 4599.139+/-1.612 χ^2/NDF : 62983.5/4

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

All: 3390.845+/-0.532 χ^2/NDF : 3218444.9/46

- sign 3351.218+/-0.739 χ^2/NDF : 1616661.6/23

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

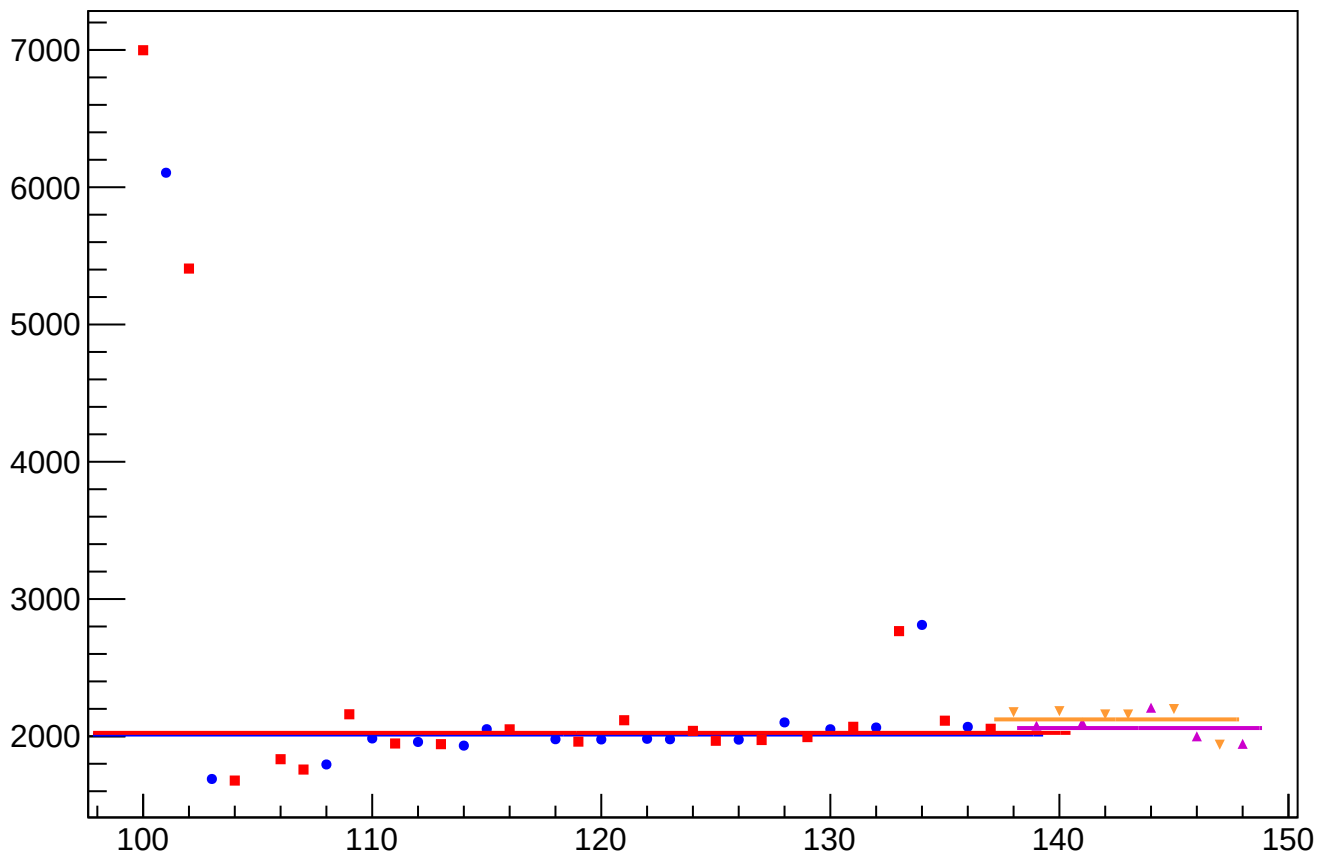
Left In: -3975.752+/-1016.600 χ^2/NDF : 12.8/4

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

All: -405.344+/-442.885 χ^2/NDF : 86.5/46

- sign -3121.151+/-620.443 χ^2/NDF : 33.5/23

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

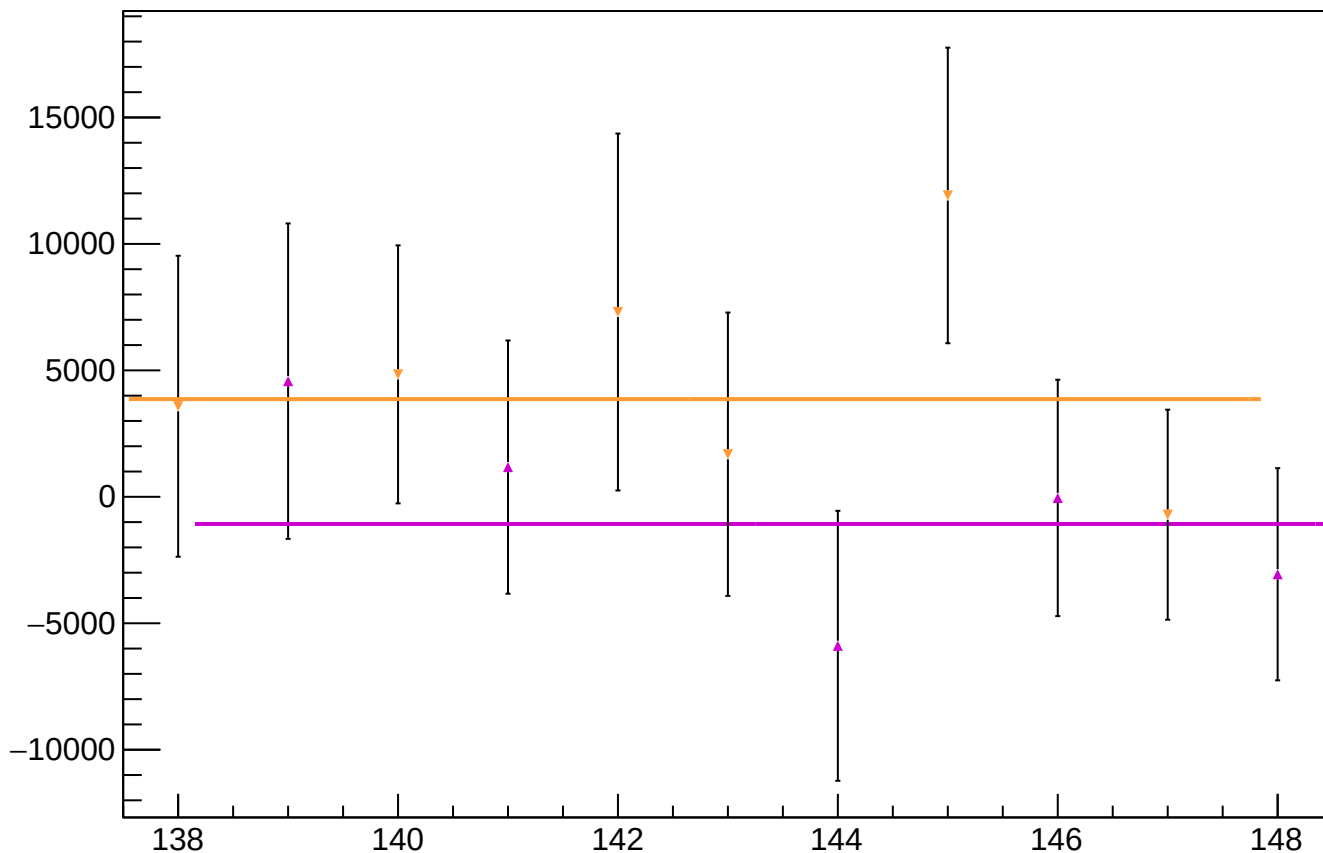
Left In: 2060.183 $\pm$ 0.719 χ^2 /NDF:15506.0/4

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

All: 2045.684 $\pm$ 0.313 χ^2 /NDF: 1265370.5/46

- sign 2038.143 $\pm$ 0.439 χ^2 /NDF: 614426.2/23

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

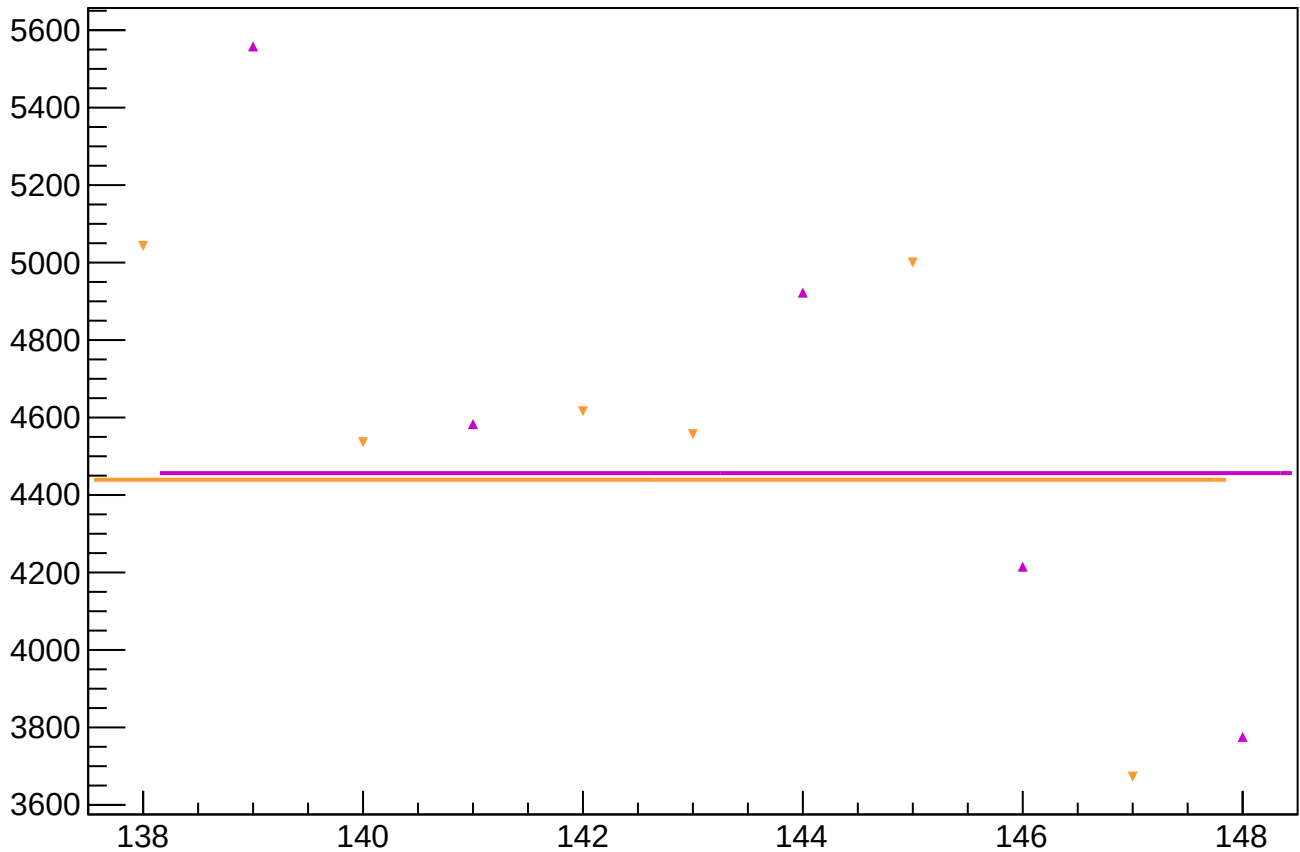
Left In: -1073.274+/-2217.822 χ^2/NDF : 2.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1411.091+/-1563.257 χ^2/NDF : 8.1/10

- 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

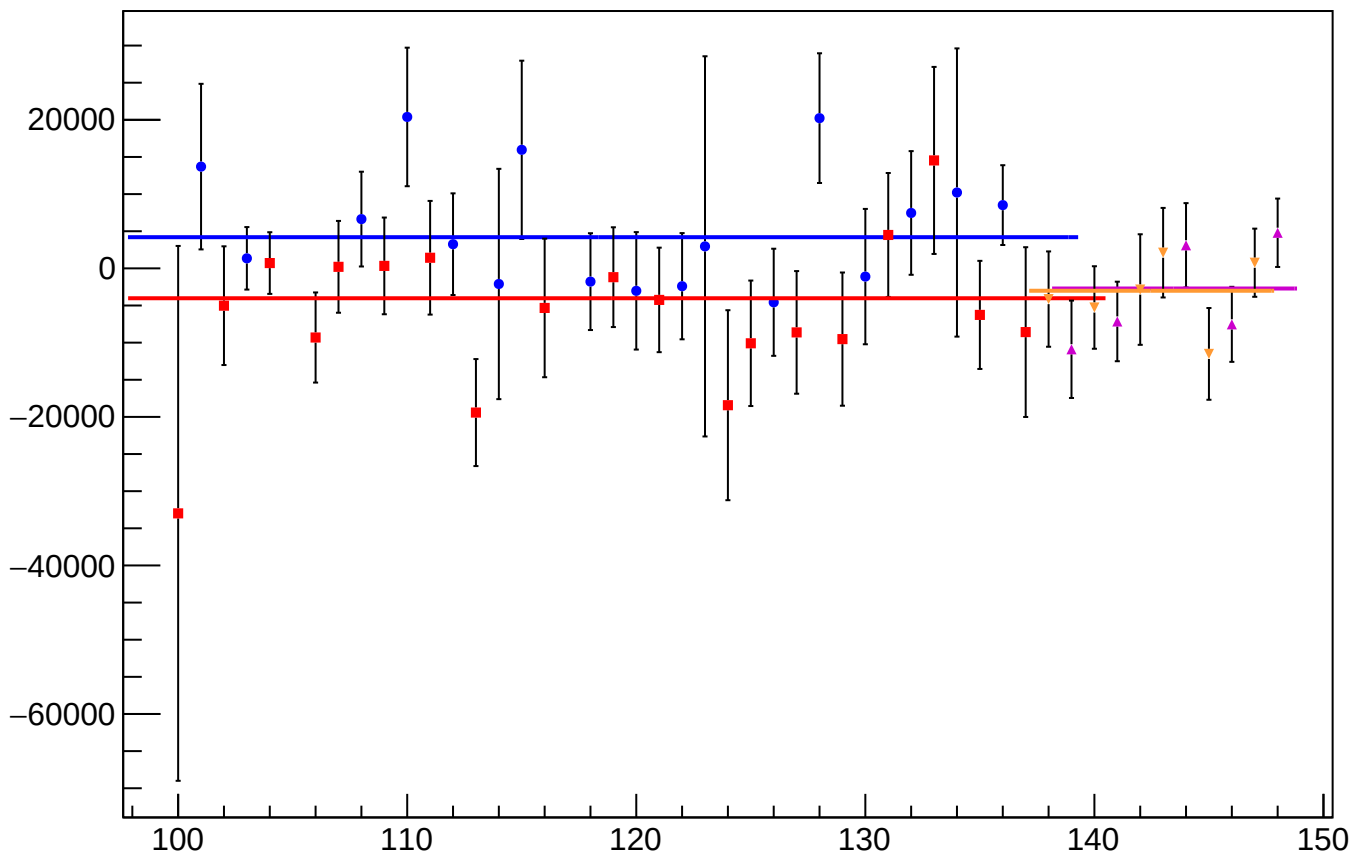
Left In: 4456.504+/-1.568 χ^2/NDF :136955.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4447.920+/-1.105 χ^2/NDF : 246991.3/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



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

Left Out: -3013.669+/-2384.147 χ^2/NDF : 3.5/5

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

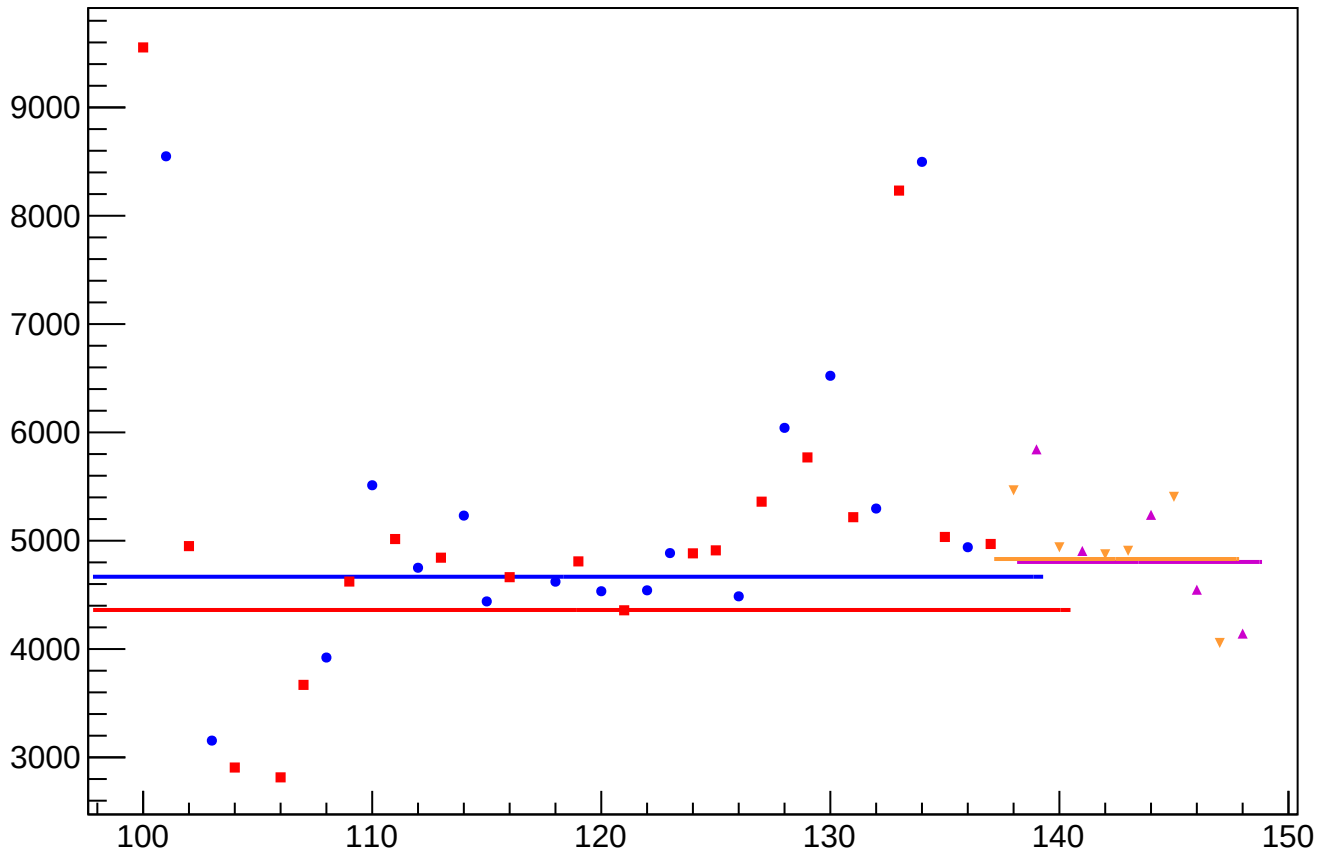
Left In: -2711.949+/-2386.989 χ^2/NDF : 6.9/4

+ sign 1473.905+/-1465.428 χ^2/NDF : 23.3/22

All: -1168.229+/-1011.618 χ^2/NDF : 51.4/46

- sign -3573.592+/-1398.226 χ^2/NDF : 21.9/23

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

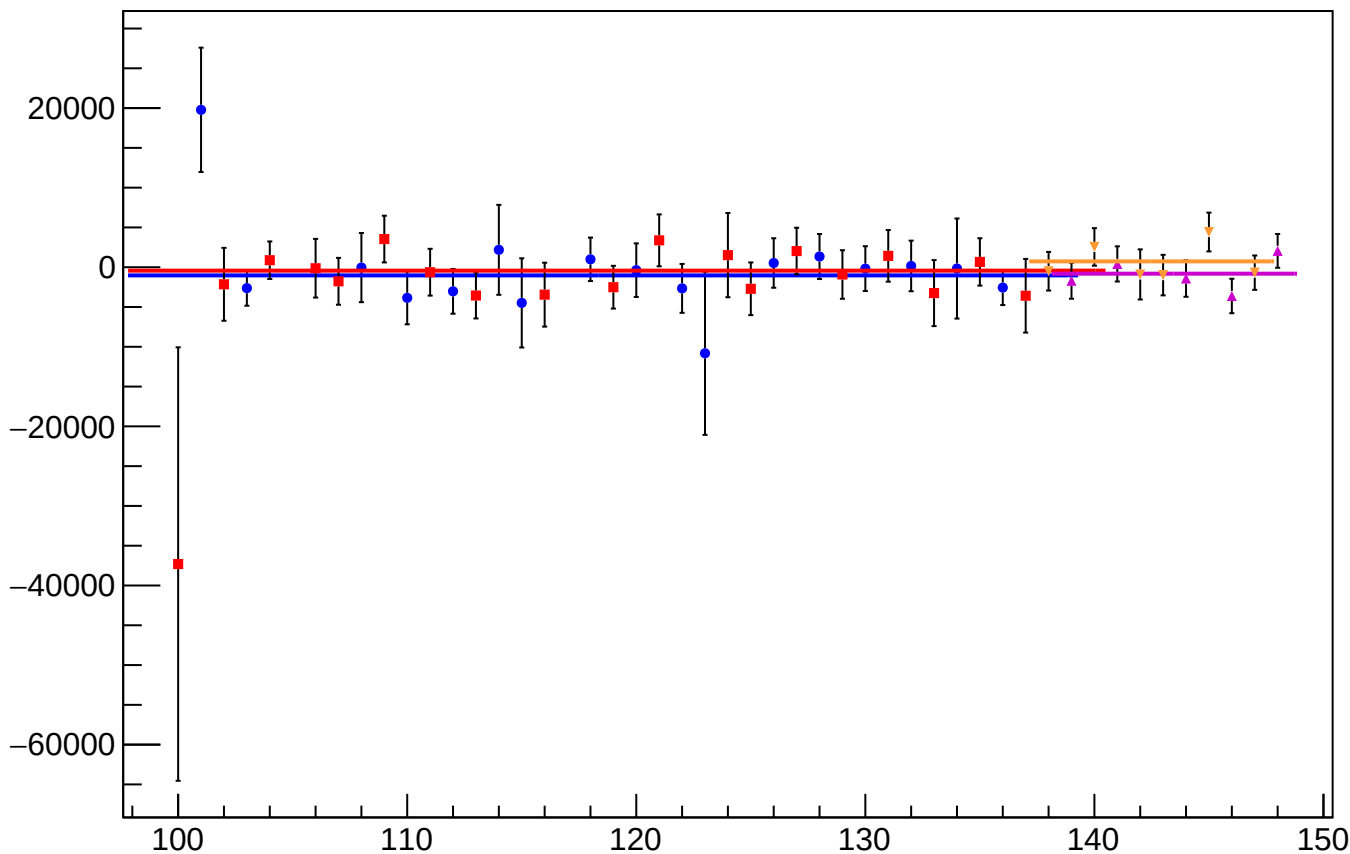
Left In: 4803.995+/-1.688 χ^2/NDF : 109137.0/4

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

All: 4614.914+/-0.714 χ^2/NDF : 1889282.1/40

- sign 4511.573+/-0.985 χ^2/NDF : 987396.4/23

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

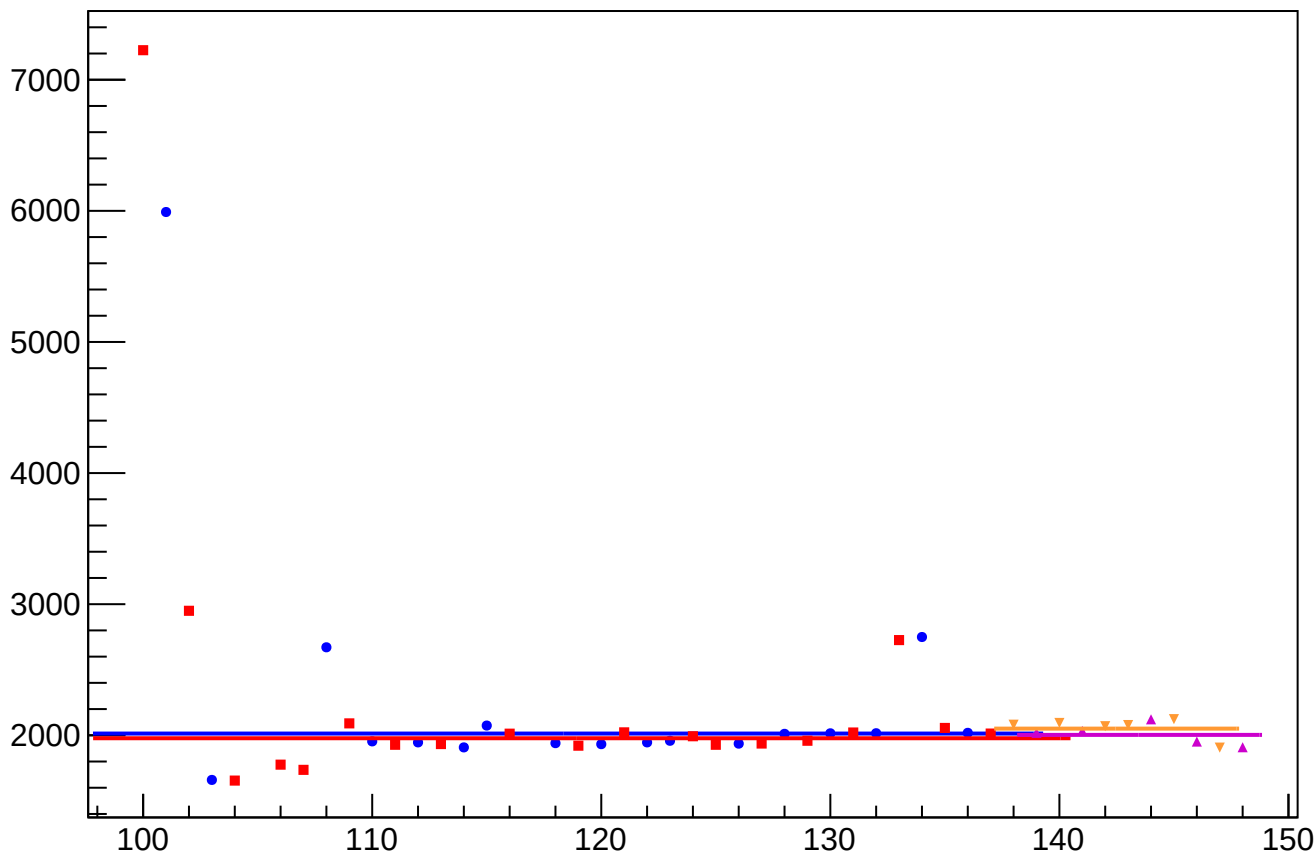
Left In: -811.201 ± 988.037 χ^2/NDF : 4.0/4

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

All: -463.210 ± 433.757 χ^2/NDF : 34.2/46

- sign -570.946 ± 602.809 χ^2/NDF : 14.9/23

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

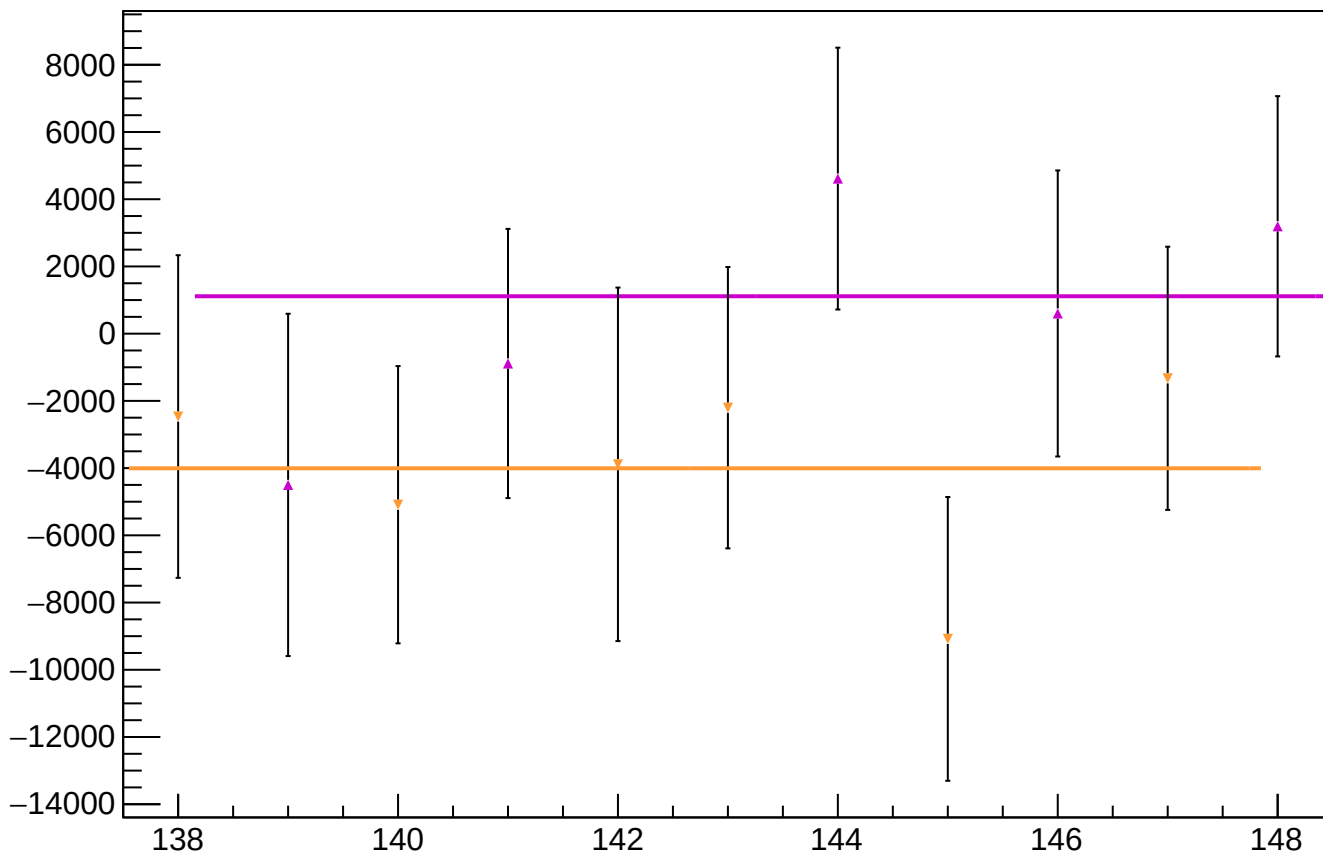
Left In: 2003.095+/-0.699 χ^2/NDF :10850.8/4

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

All: 2006.673+/-0.307 χ^2/NDF : 974802.1/46

- sign 1987.043+/-0.426 χ^2/NDF : 306590.2/23

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

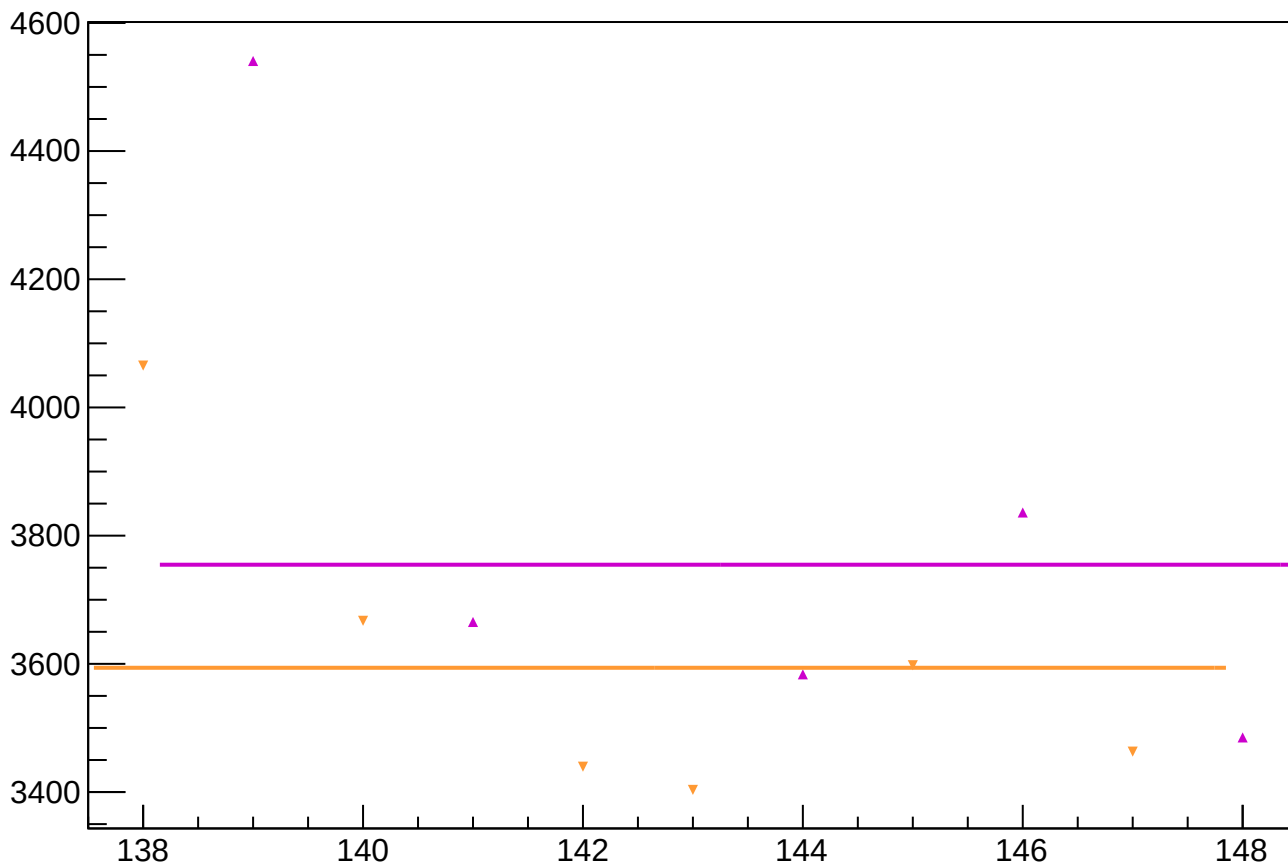
Left In: 1113.386+/-1860.963 χ^2/NDF : 2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1564.197+/-1285.100 χ^2/NDF : 8.8/10

- 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

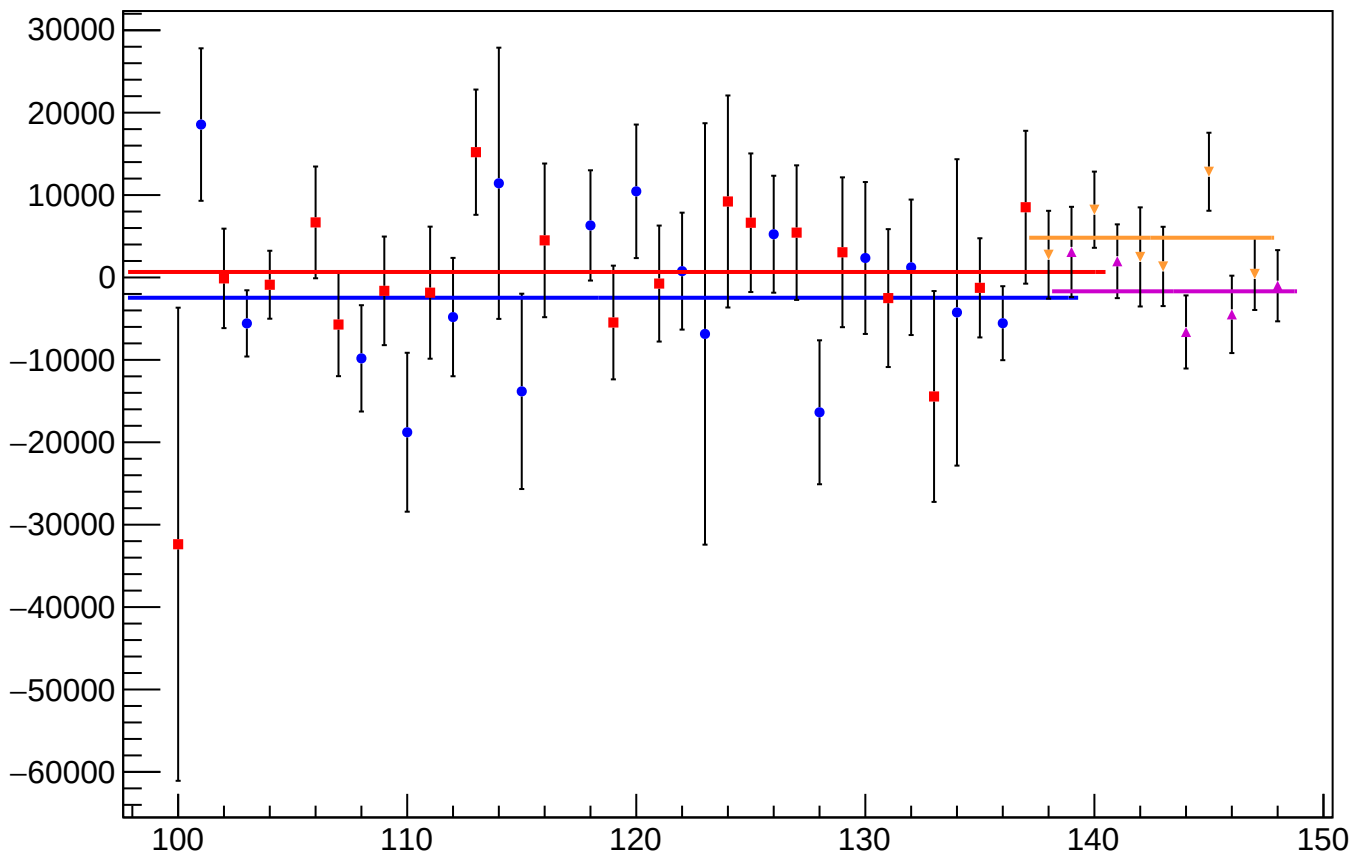
Left In: 3754.658+/-1.316 χ^2/NDF : 62904.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3670.552+/-0.909 χ^2/NDF : 98739.7/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



Right In: -2462.254 $\pm$ 1797.293 χ^2 /NDF: 20.8/16

Left Out: 4821.809 $\pm$ 2001.498 χ^2 /NDF: 5.2/5

Right Out: 666.170 $\pm$ 1689.812 χ^2 /NDF: 11.9/18

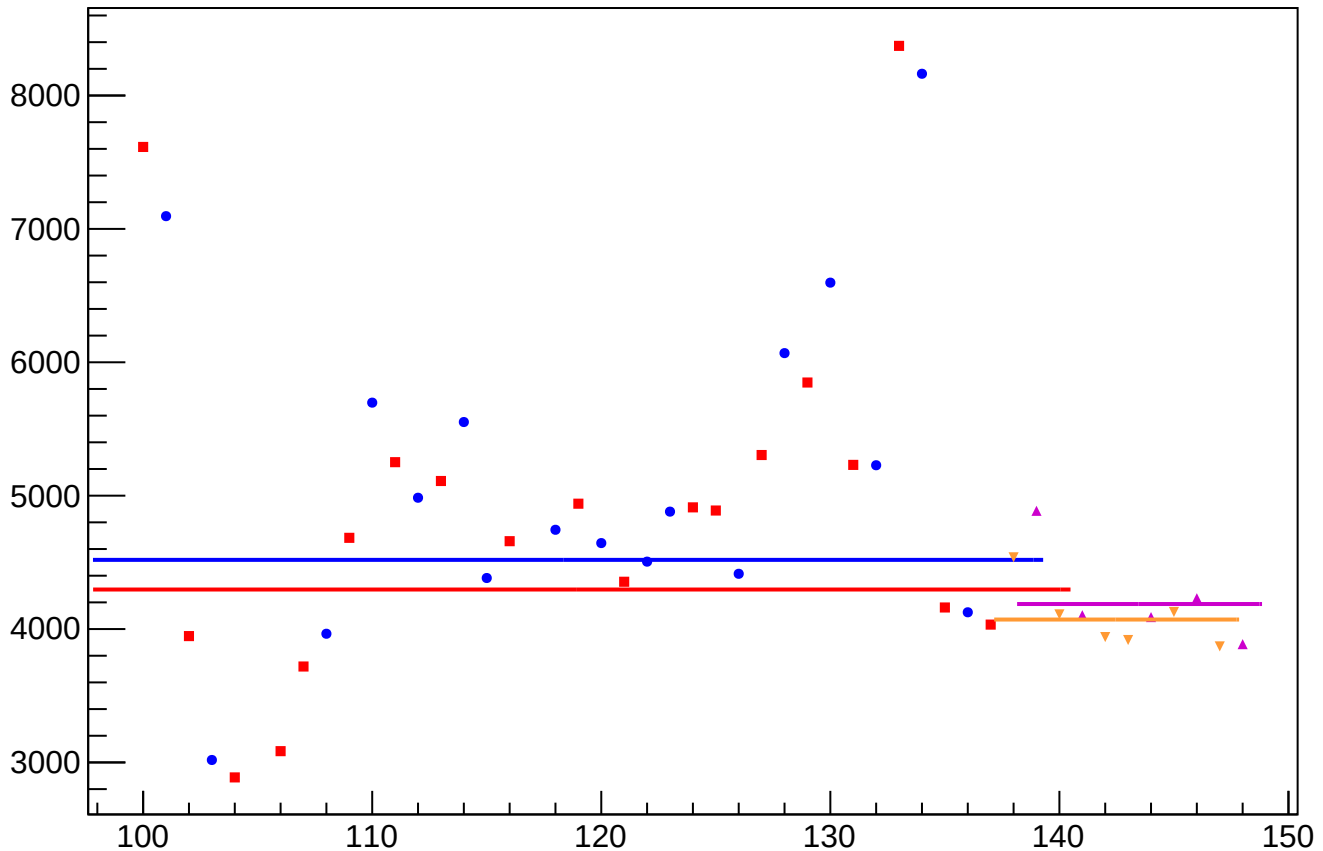
Left In: -1680.698 $\pm$ 2071.683 χ^2 /NDF: 3.0/4

+ sign 789.349 $\pm$ 1337.264 χ^2 /NDF: 33.4/22

All: 247.810 $\pm$ 935.600 χ^2 /NDF: 49.4/46

- sign -271.438 $\pm$ 1309.452 χ^2 /NDF: 15.7/23

asym_atr_dd_rms vs Slug



Right In: 4518.684 ± 1.271 $\chi^2/\text{NDF}: 770226.9/16$

Left Out: 4071.318 ± 1.415 $\chi^2/\text{NDF}: 22973.7/5$

Right Out: 4296.379 ± 1.188 $\chi^2/\text{NDF}: 771702.5/18$

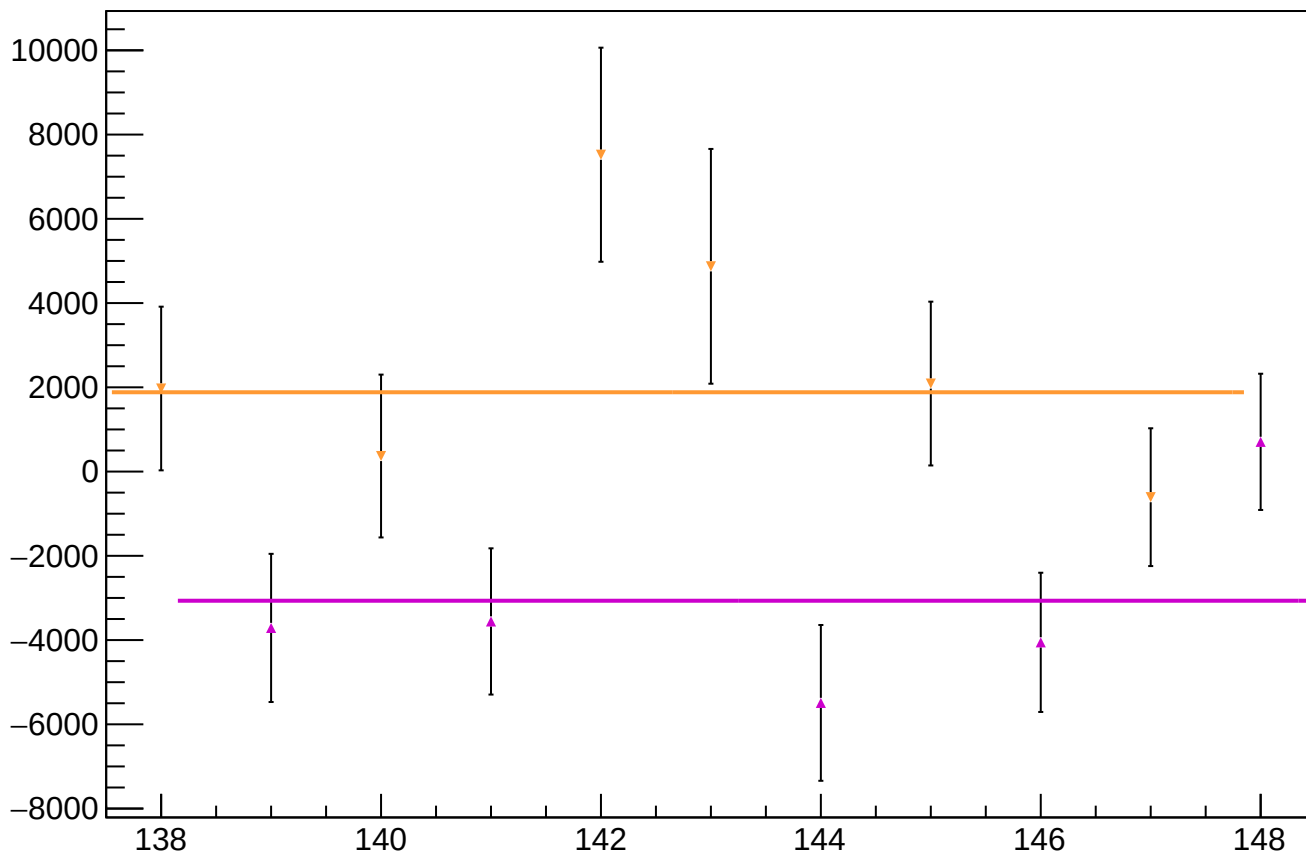
Left In: 4187.660 ± 1.465 $\chi^2/\text{NDF}: 44107.0/4$

+ sign 4318.980 ± 0.946 $\chi^2/\text{NDF}: 848515.4/22$

All: 4285.306 ± 0.660 $\chi^2/\text{NDF}: 1670123.1/46$

- sign 4253.234 ± 0.923 $\chi^2/\text{NDF}: 819131.6/23$

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

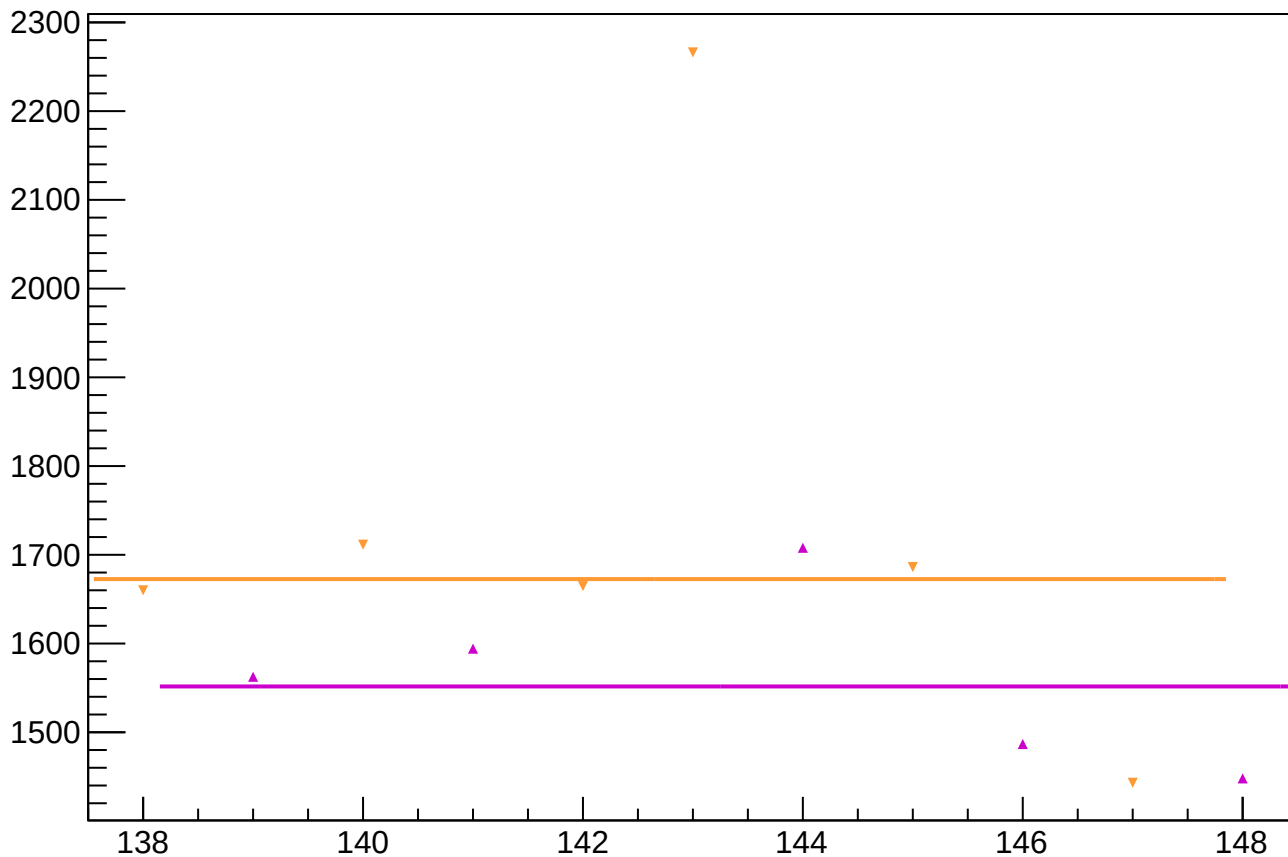
Left In: -3066.259+/-767.820 χ^2/NDF :7.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -781.447+/-563.361 χ^2/NDF : 35.9/10

- 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

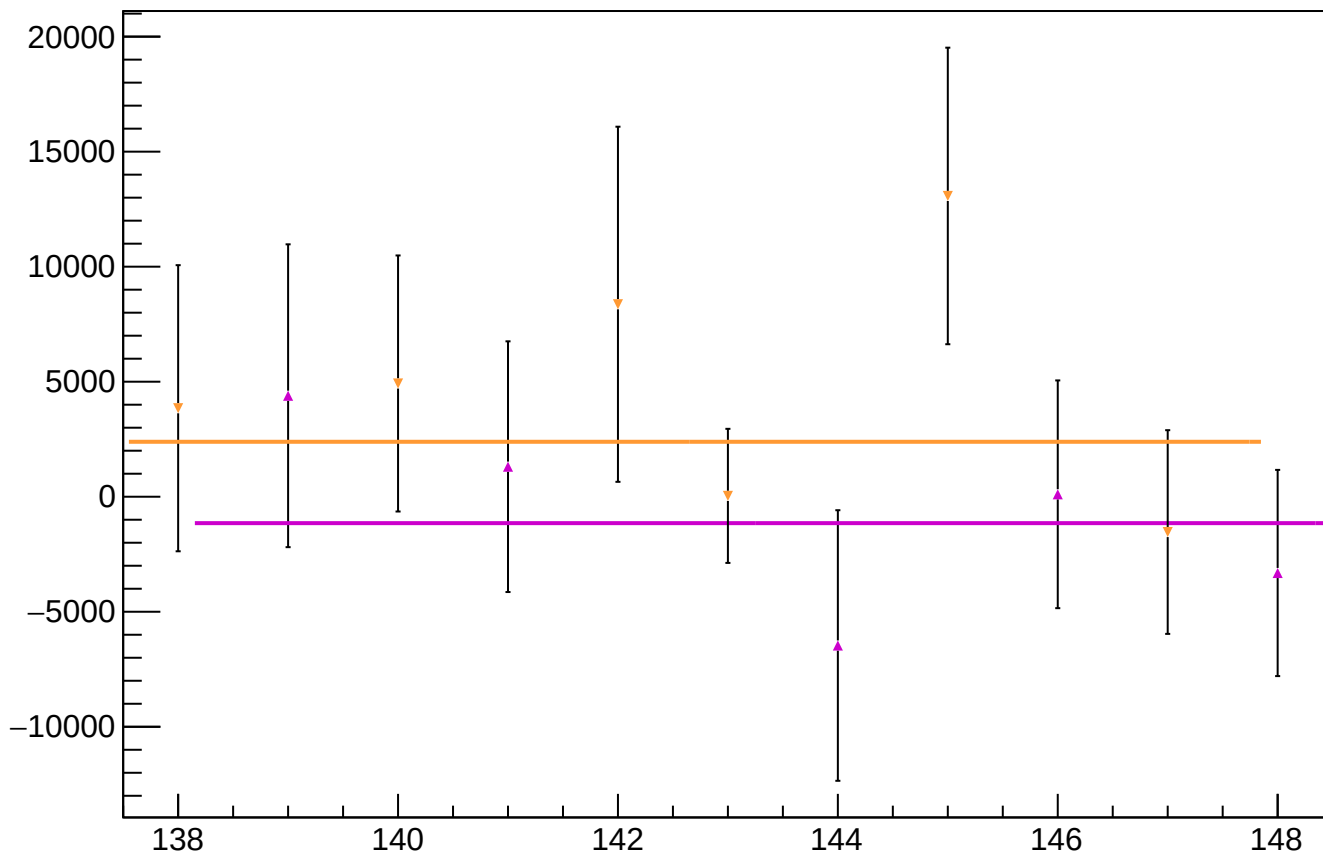
Left In: 1551.638+/-0.543 χ^2/NDF :26858.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.497+/-0.398 χ^2/NDF : 180929.2/10

- 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

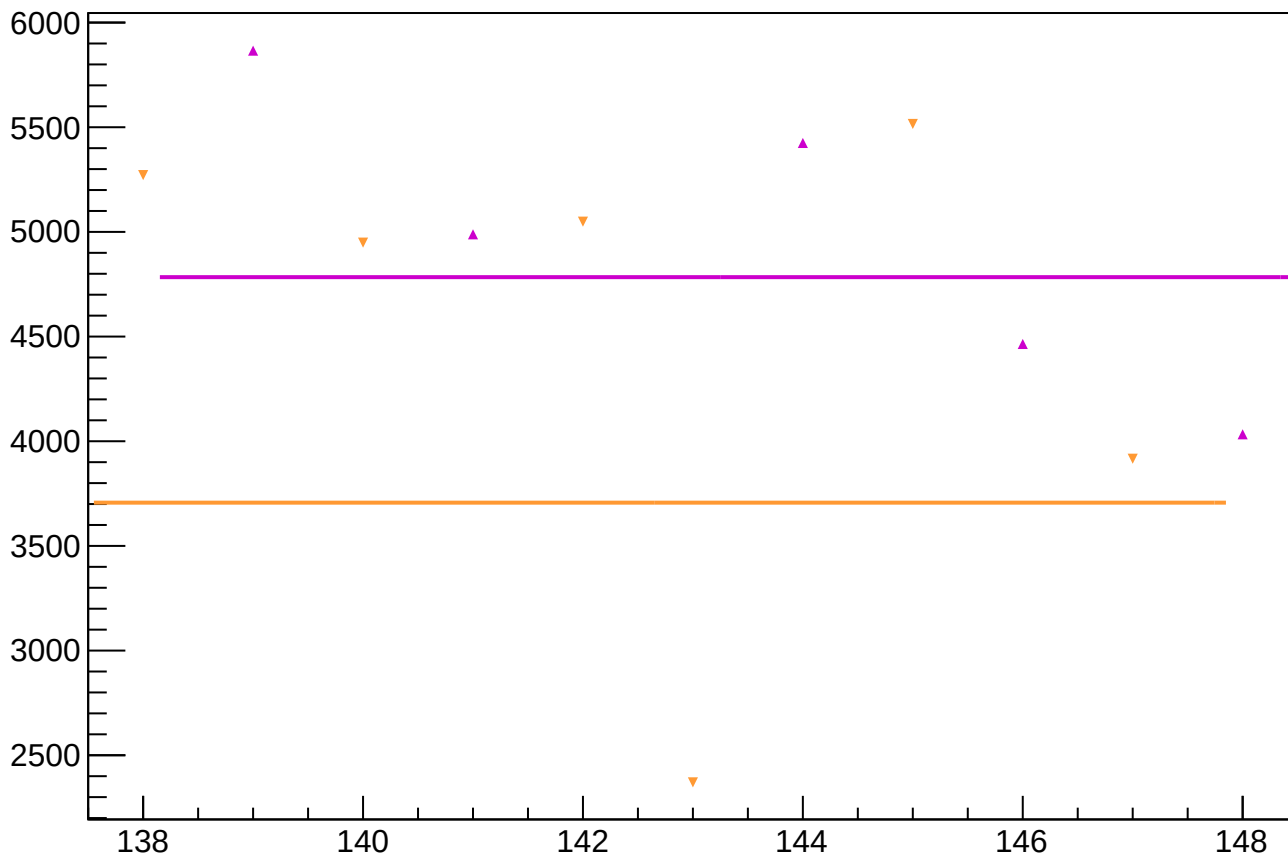
Left In: -1148.339+/-2381.823 χ^2/NDF :2.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.595+/-1500.676 χ^2/NDF : 8.4/10

- 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

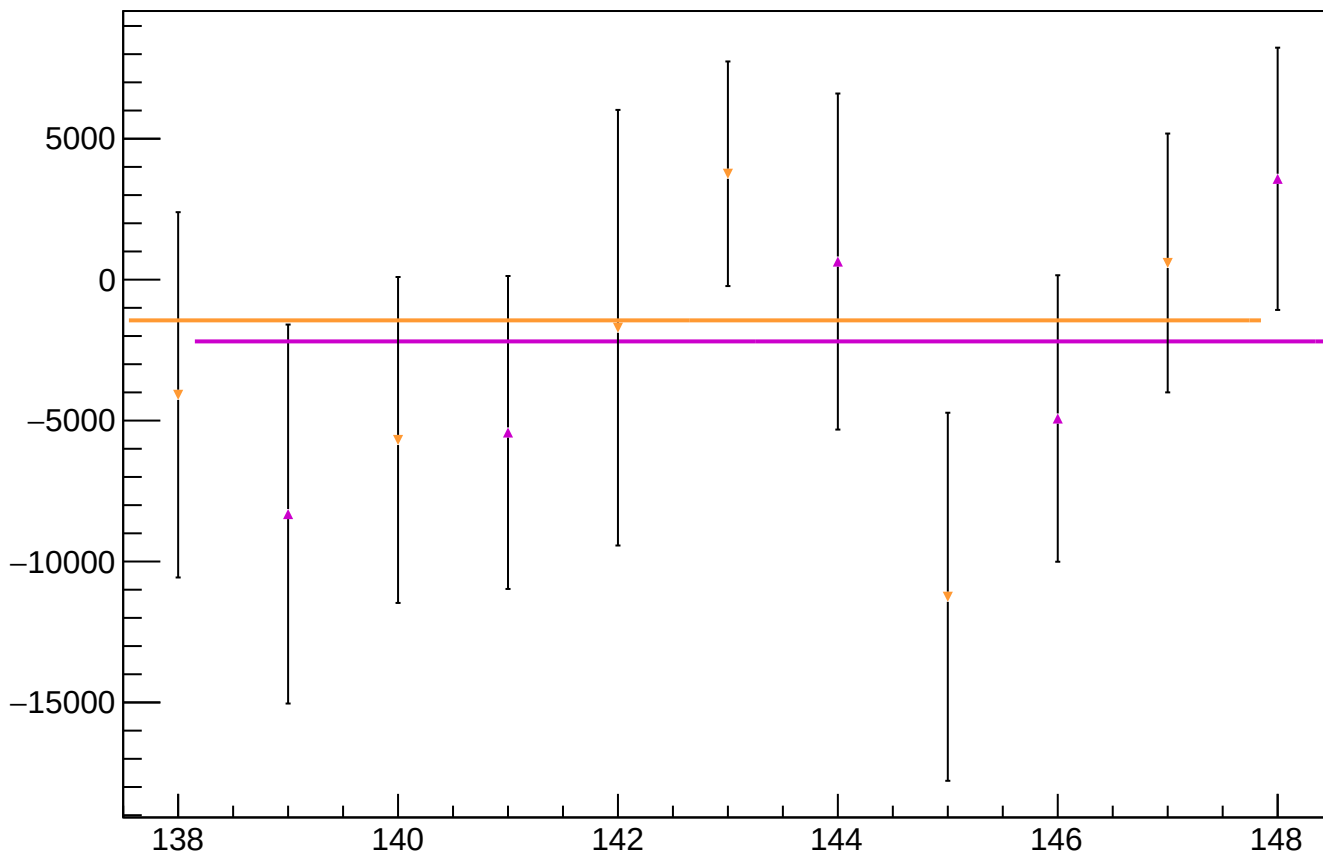
Left In: 4783.851+/-1.684 χ^2/NDF : 145045.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4134.258+/-1.061 χ^2/NDF : 1260972.0/10

- 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

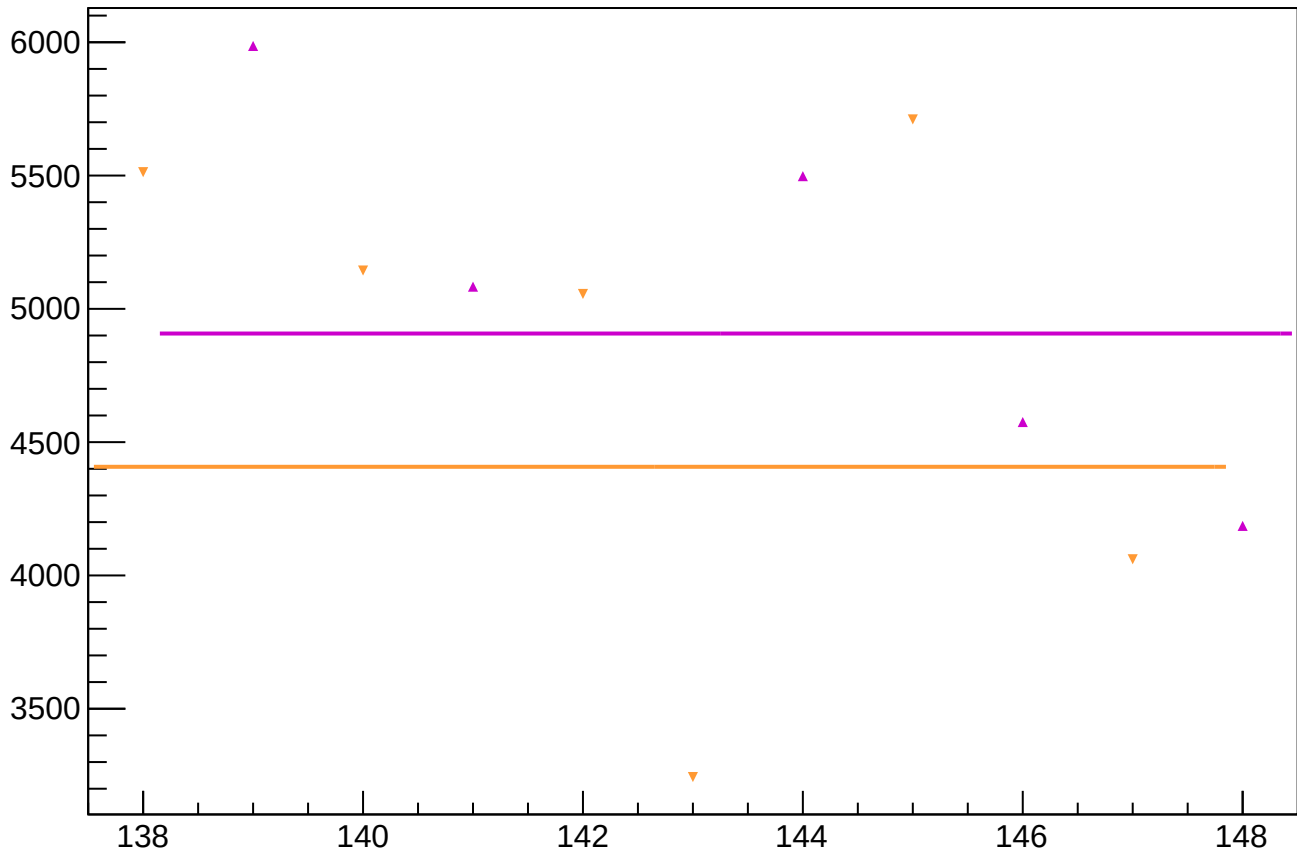
Left In: -2190.908+/-2442.456 χ^2/NDF : 3.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1780.881+/-1639.607 χ^2/NDF : 8.1/10

- 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

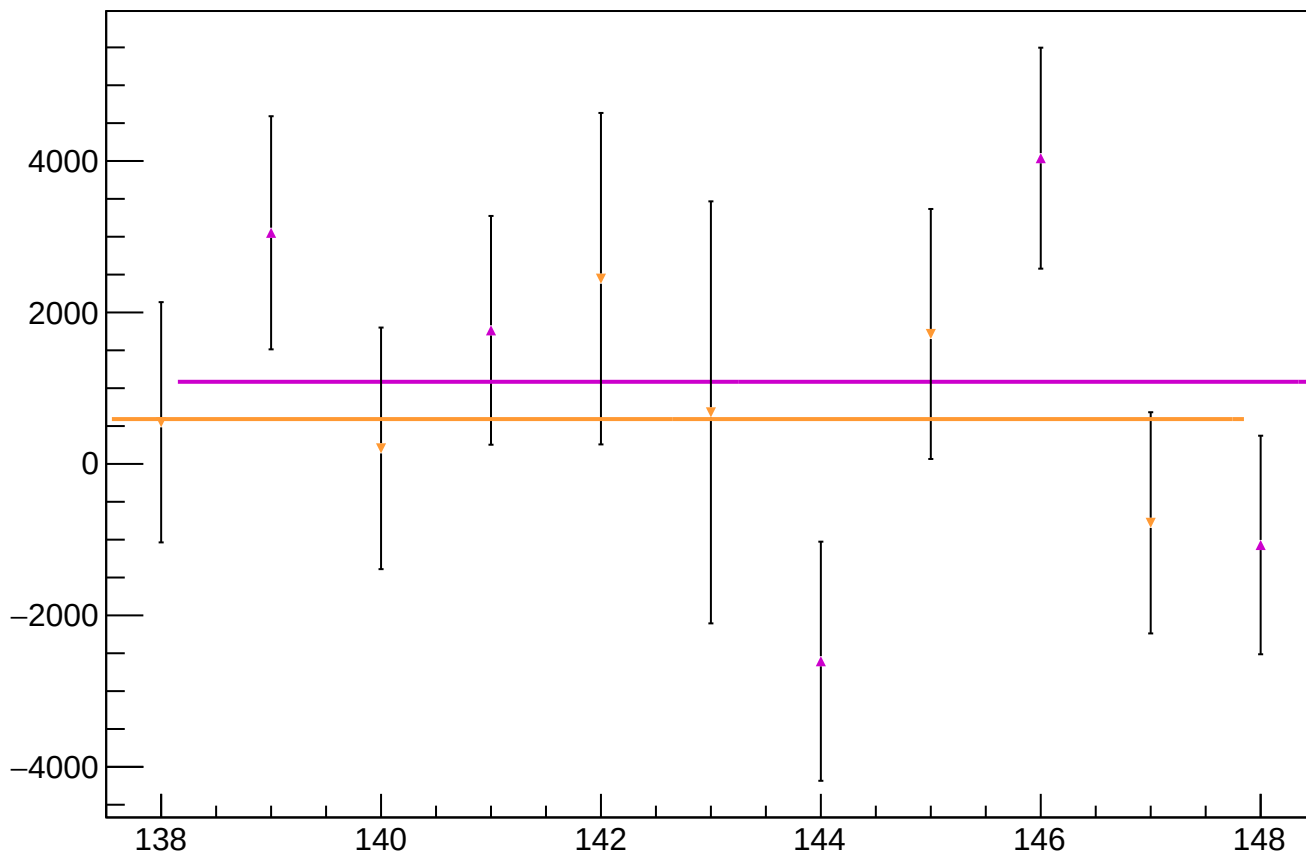
Left In: 4907.441+/-1.727 χ^2/NDF : 129756.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4632.821+/-1.159 χ^2/NDF : 542136.5/10

- 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

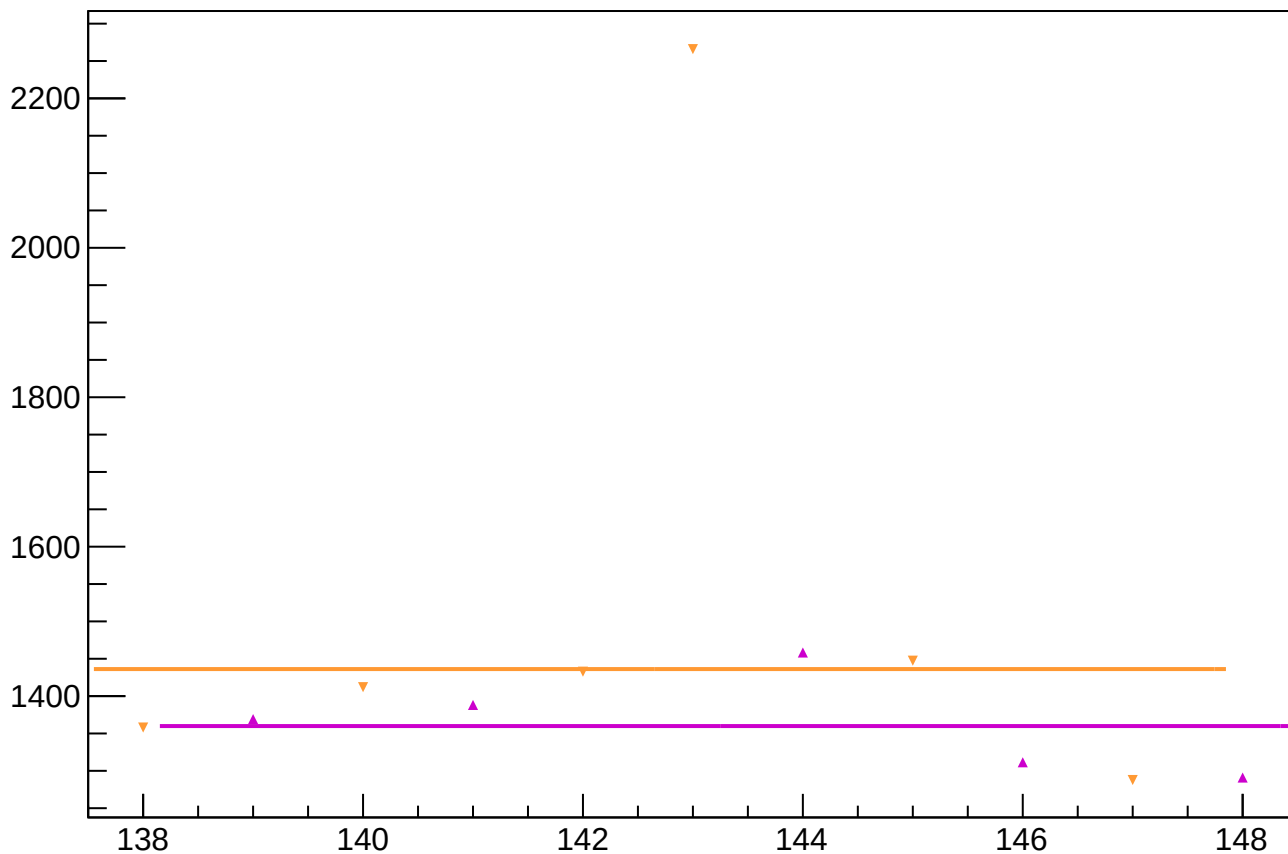
Left In: 1084.521+/-672.415 χ^2/NDF : 13.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 852.937+/-489.367 χ^2/NDF : 16.0/10

- 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

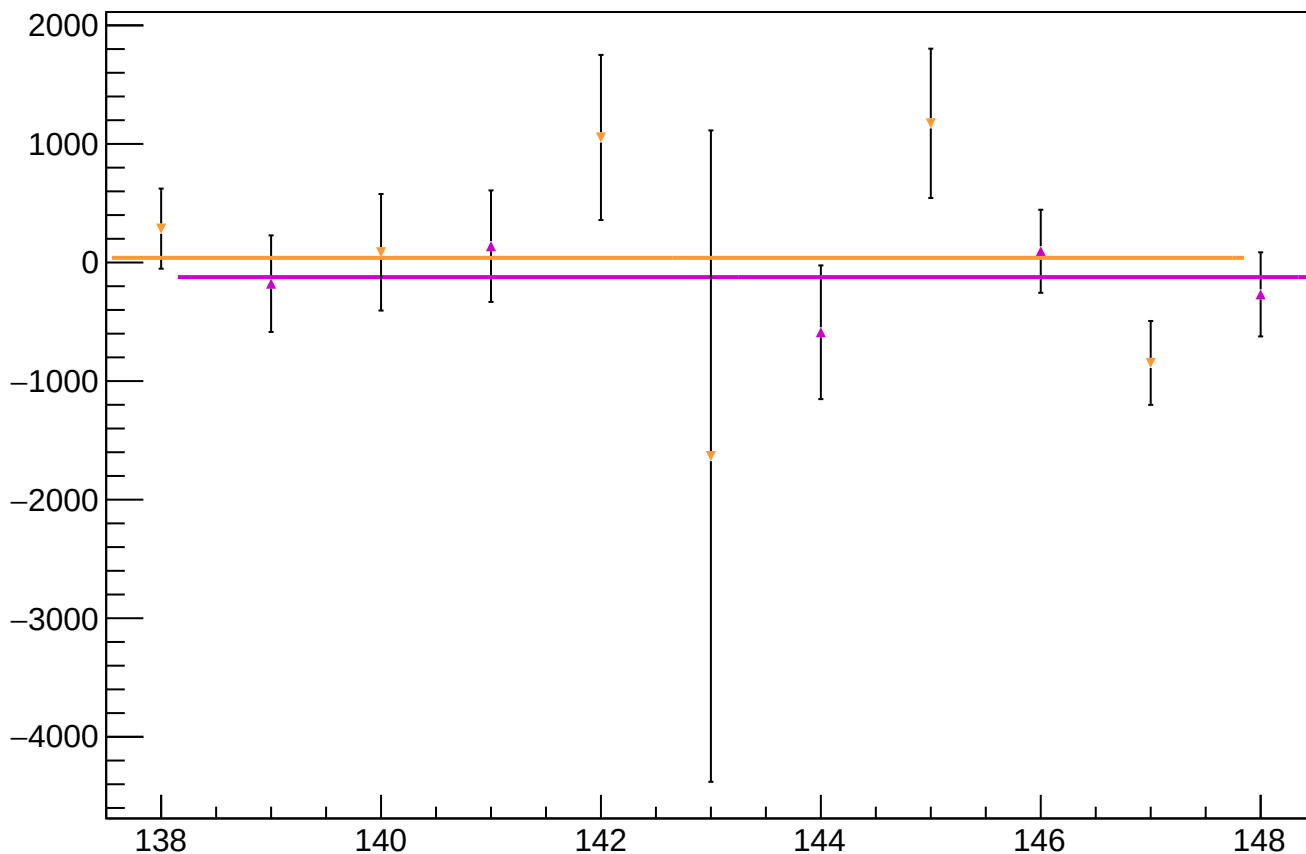
Left In: 1359.922+/-0.475 χ^2/NDF : 15318.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1395.798+/-0.346 χ^2/NDF : 230863.0/10

- 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

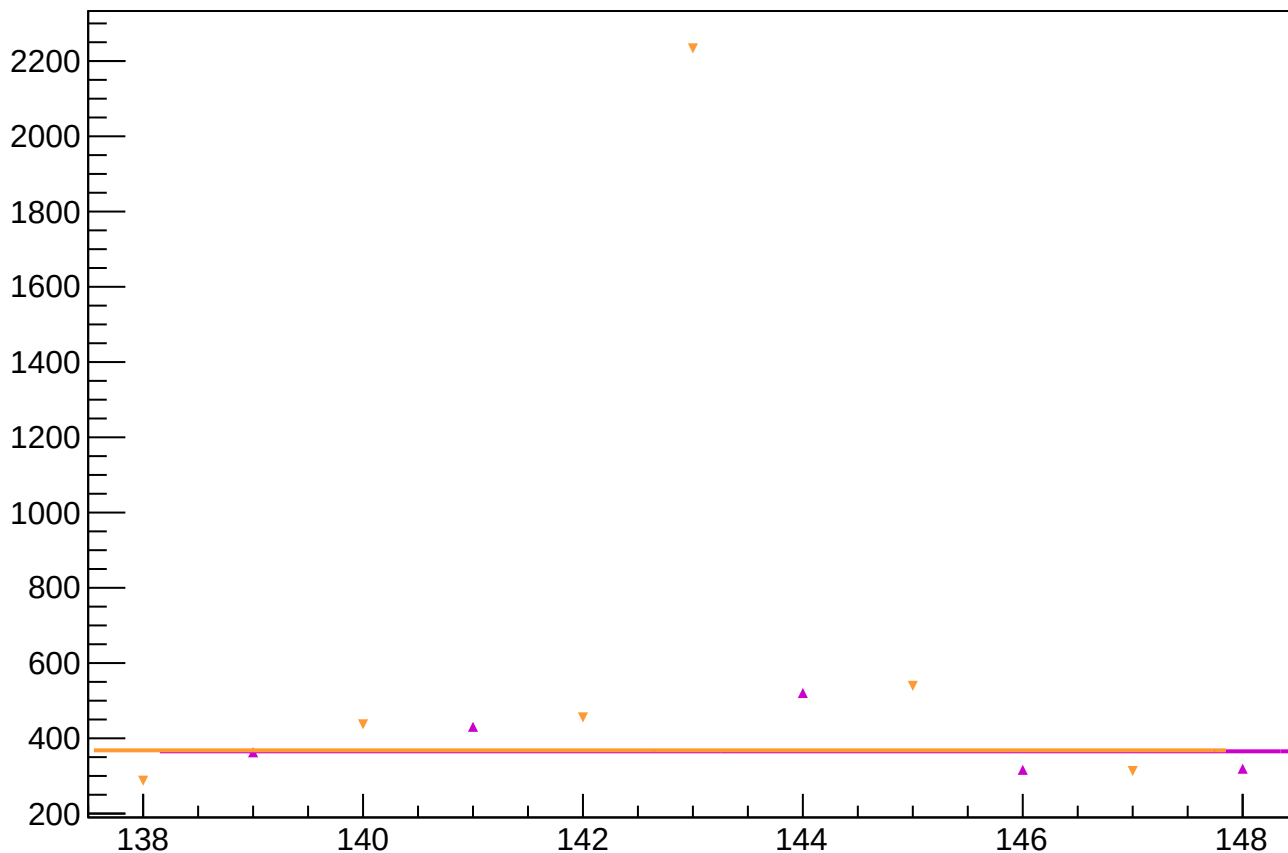
Left In: -123.091+/-183.212 χ^2/NDF :1.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.992+/-134.355 χ^2/NDF : 14.5/10

- 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

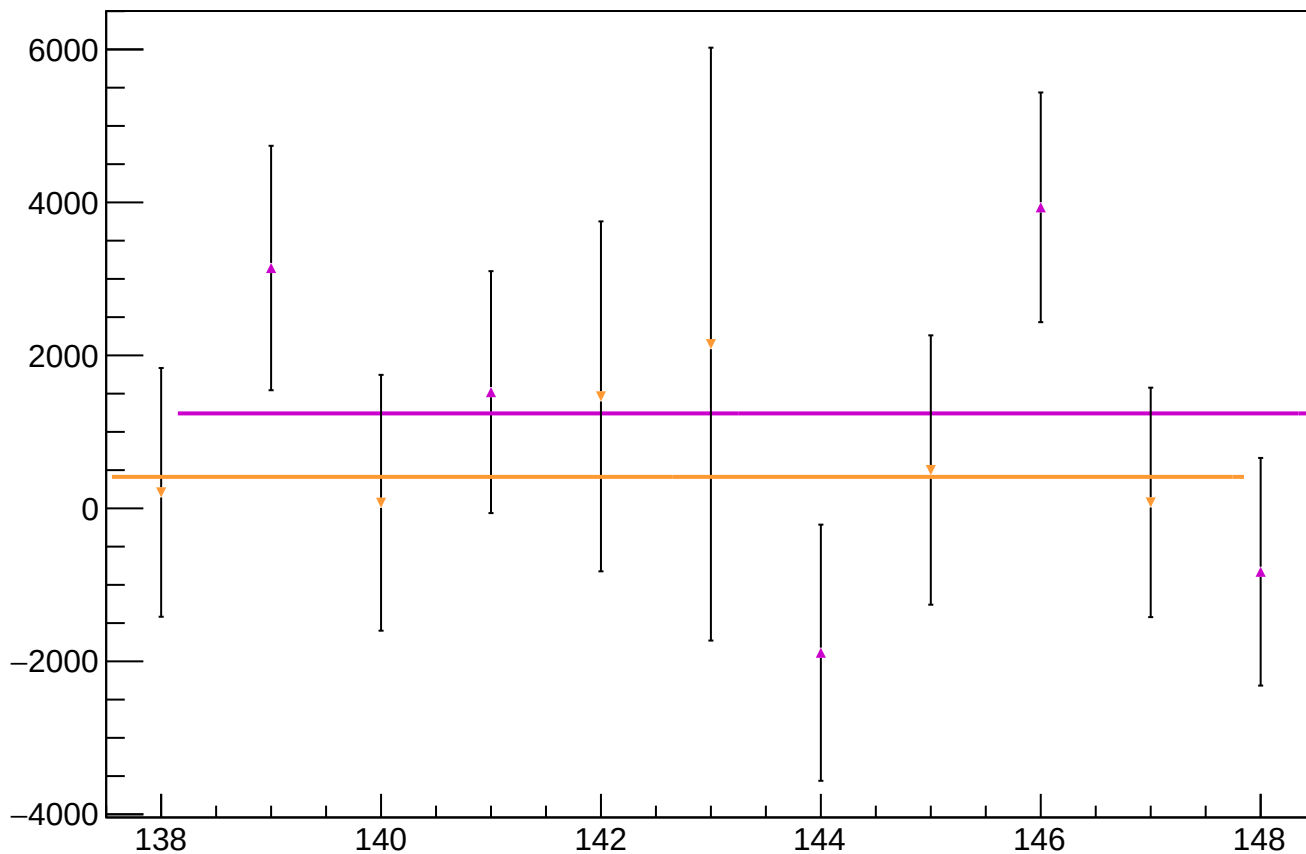
Left In: 365.432+/-0.130 χ^2/NDF :262959.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.631+/-0.095 χ^2/NDF : 1567185.0/10

- 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

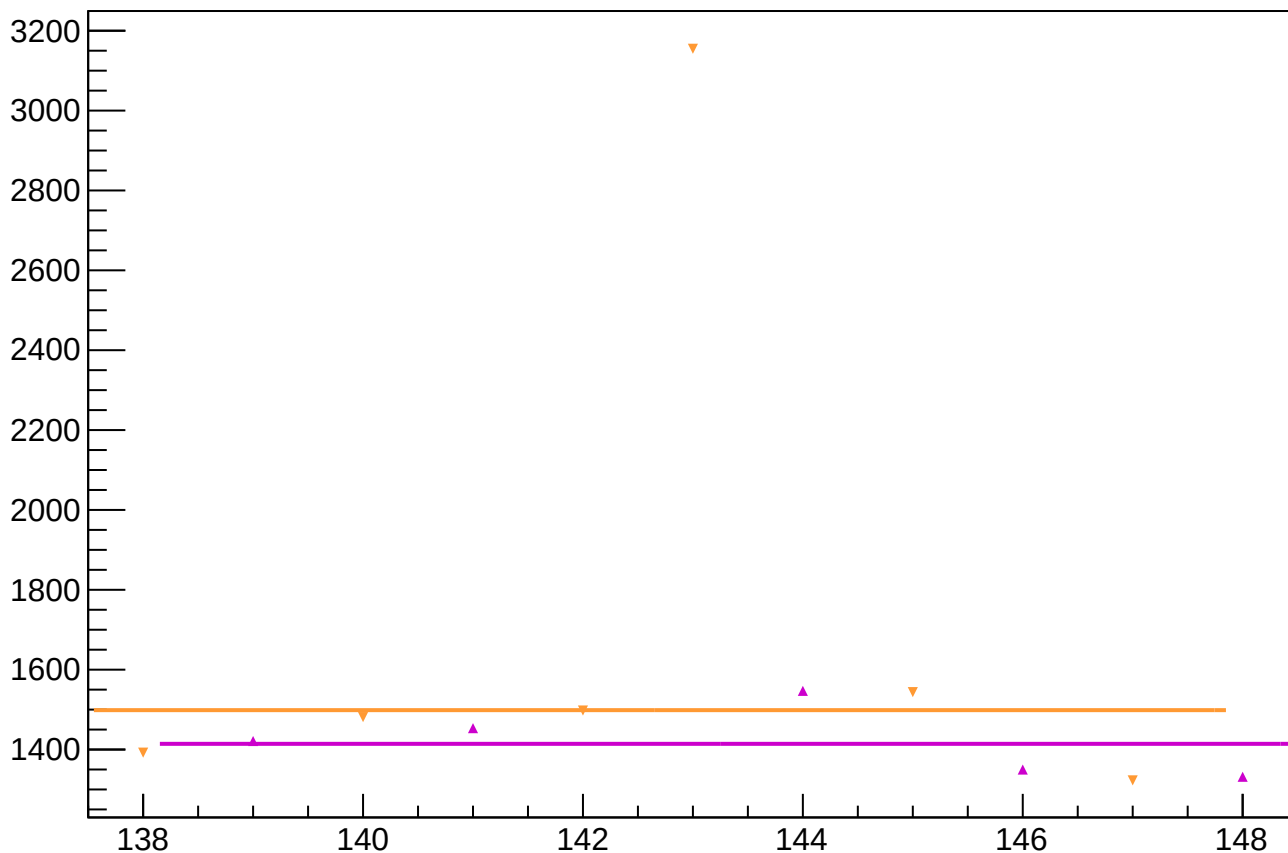
Left In: 1241.567+/-699.582 χ^2/NDF : 10.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 857.411+/-512.738 χ^2/NDF : 11.3/10

- 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

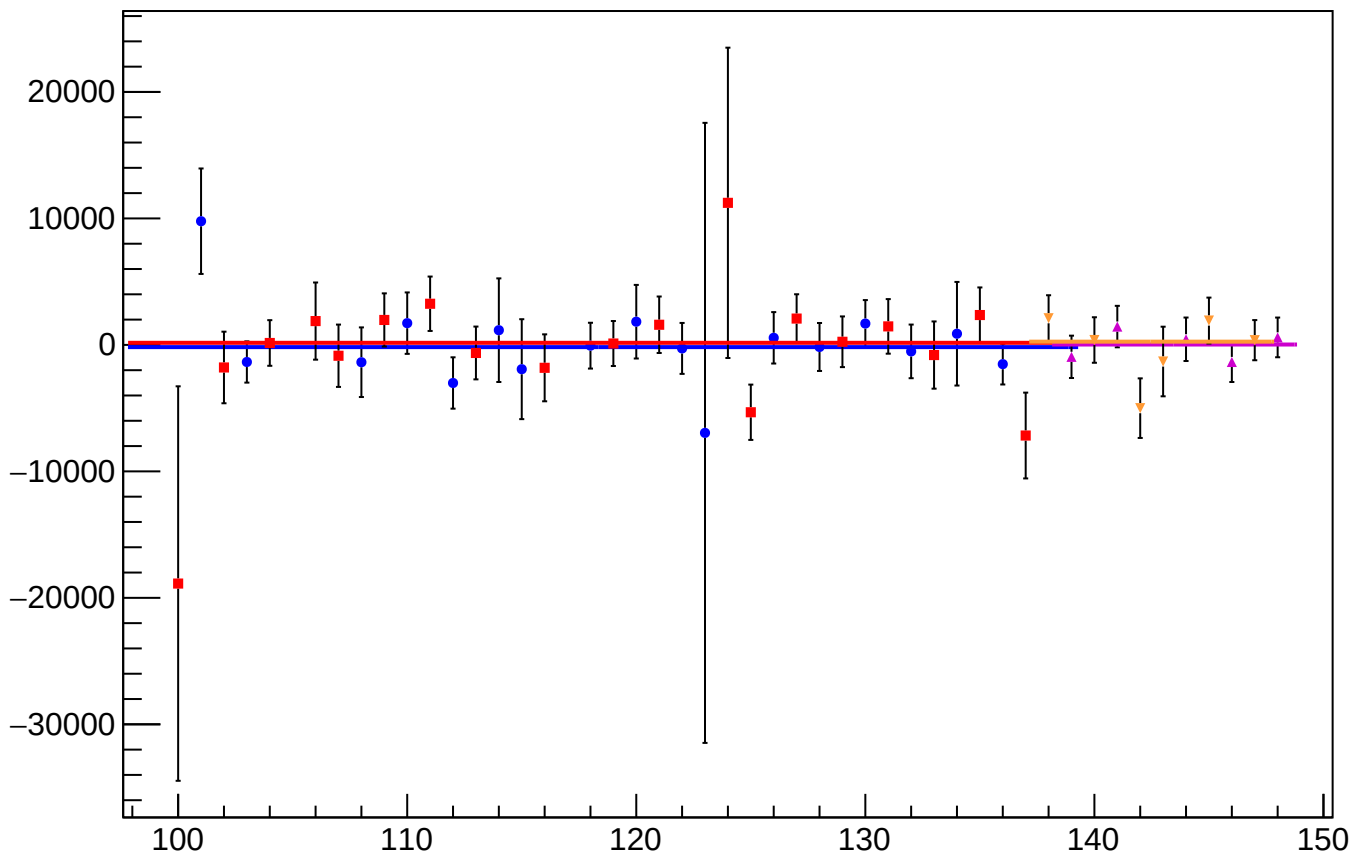
Left In: 1414.268+/-0.495 χ^2/NDF : 23649.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1453.310+/-0.363 χ^2/NDF : 439930.4/10

- 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

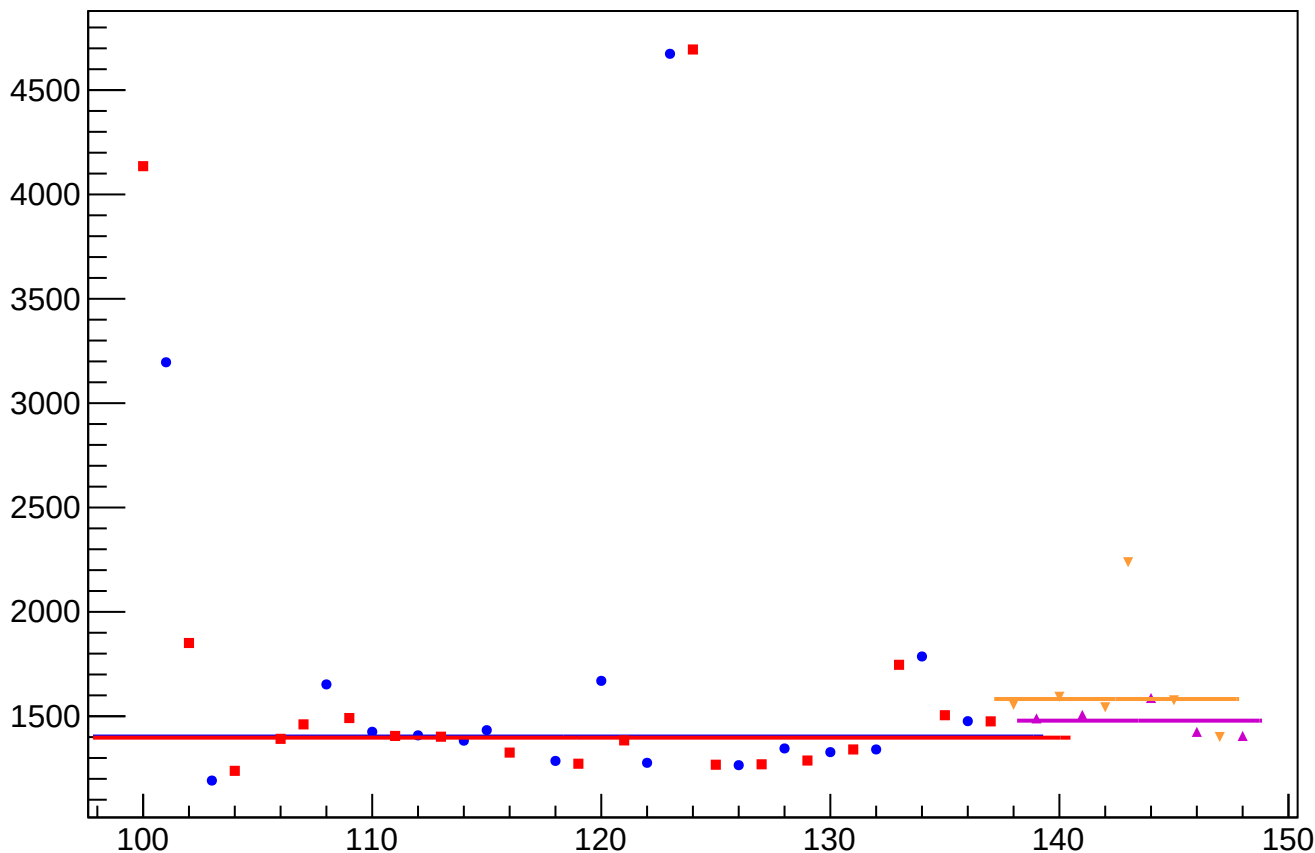
Left In: 29.952 ± 731.012 χ^2/NDF : 2.0/4

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

All: 46.213 ± 313.506 χ^2/NDF : 41.9/46

- sign 117.271 ± 434.397 χ^2/NDF : 22.7/23

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

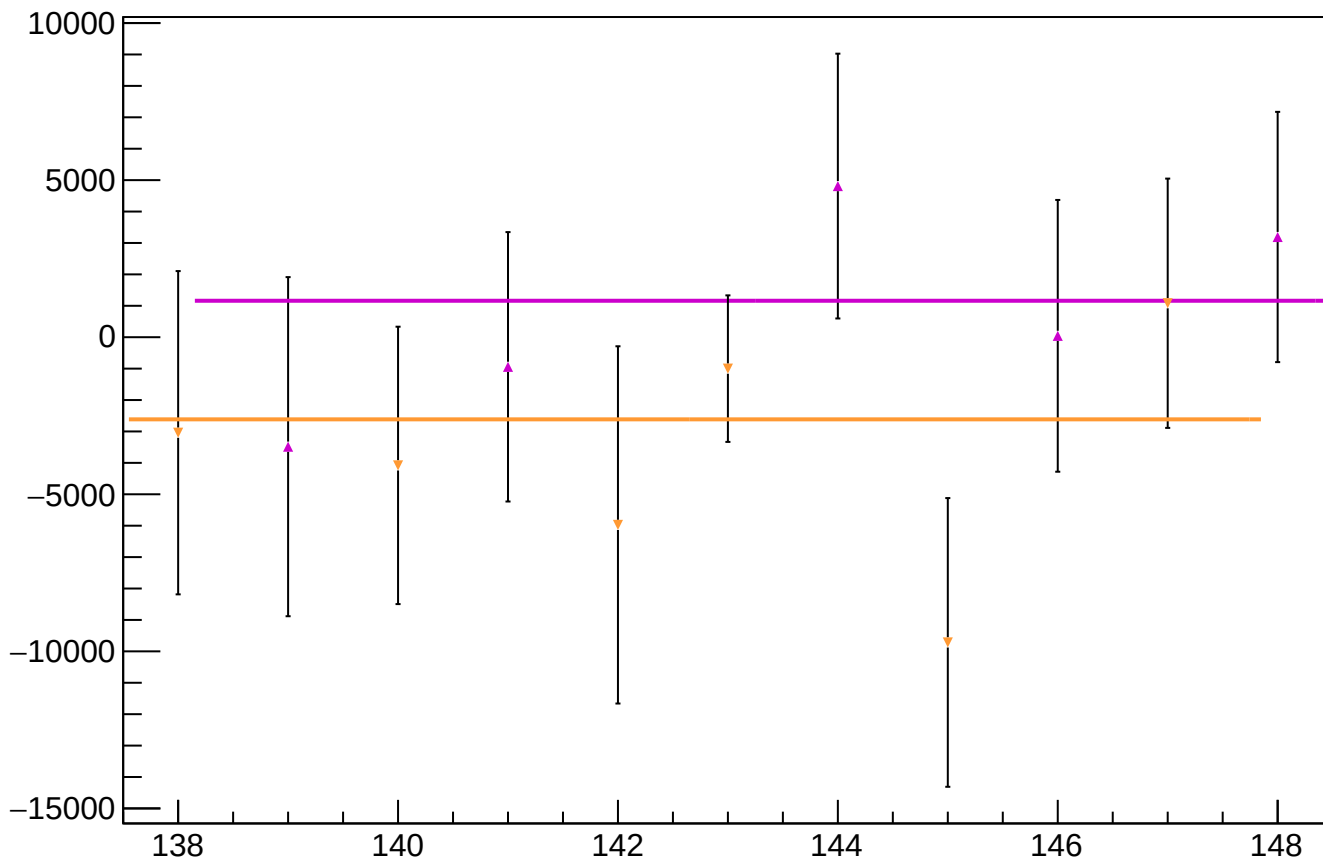
Left In: 1478.802+/-0.517 χ^2/NDF : 15299.5/4

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

All: 1443.634+/-0.222 χ^2/NDF : 1128726.4/46

- sign 1426.151+/-0.307 χ^2/NDF : 384697.2/23

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

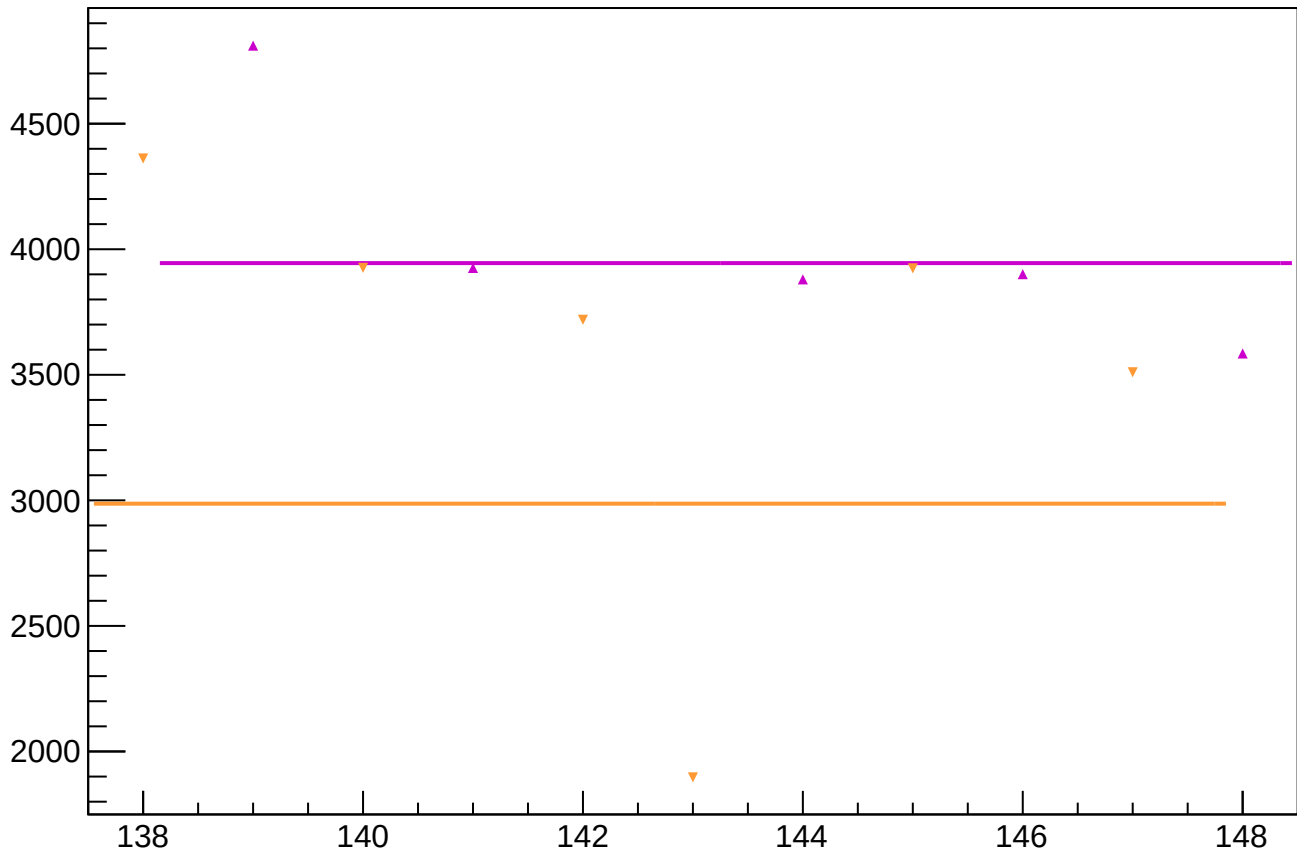
Left In: 1160.296+/-1955.620 χ^2/NDF : 2.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1154.991+/-1216.107 χ^2/NDF : 8.5/10

- 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

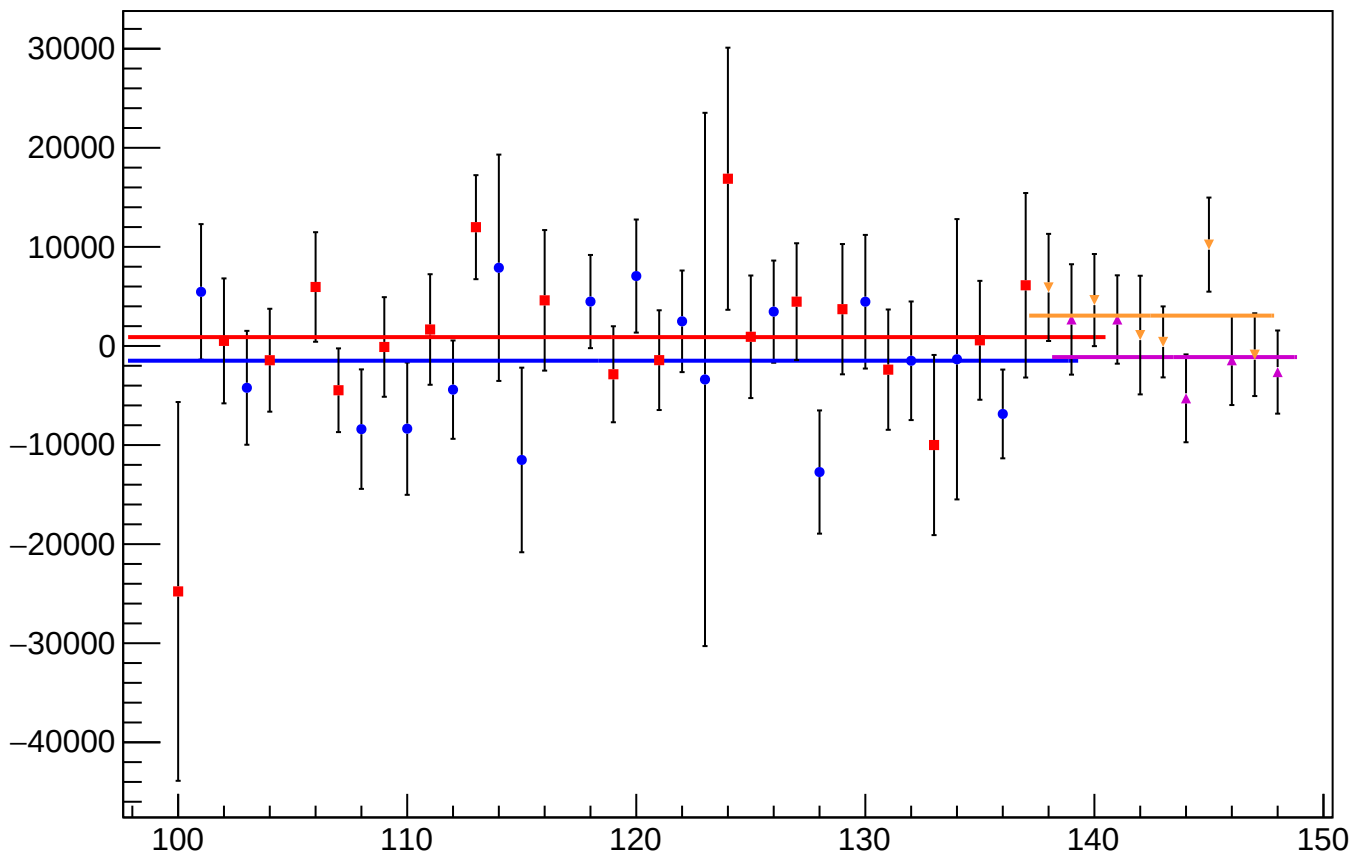
Left In: 3944.815+/-1.383 χ^2/NDF : 68534.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3357.253+/-0.860 χ^2/NDF : 1184121.5/10

- 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

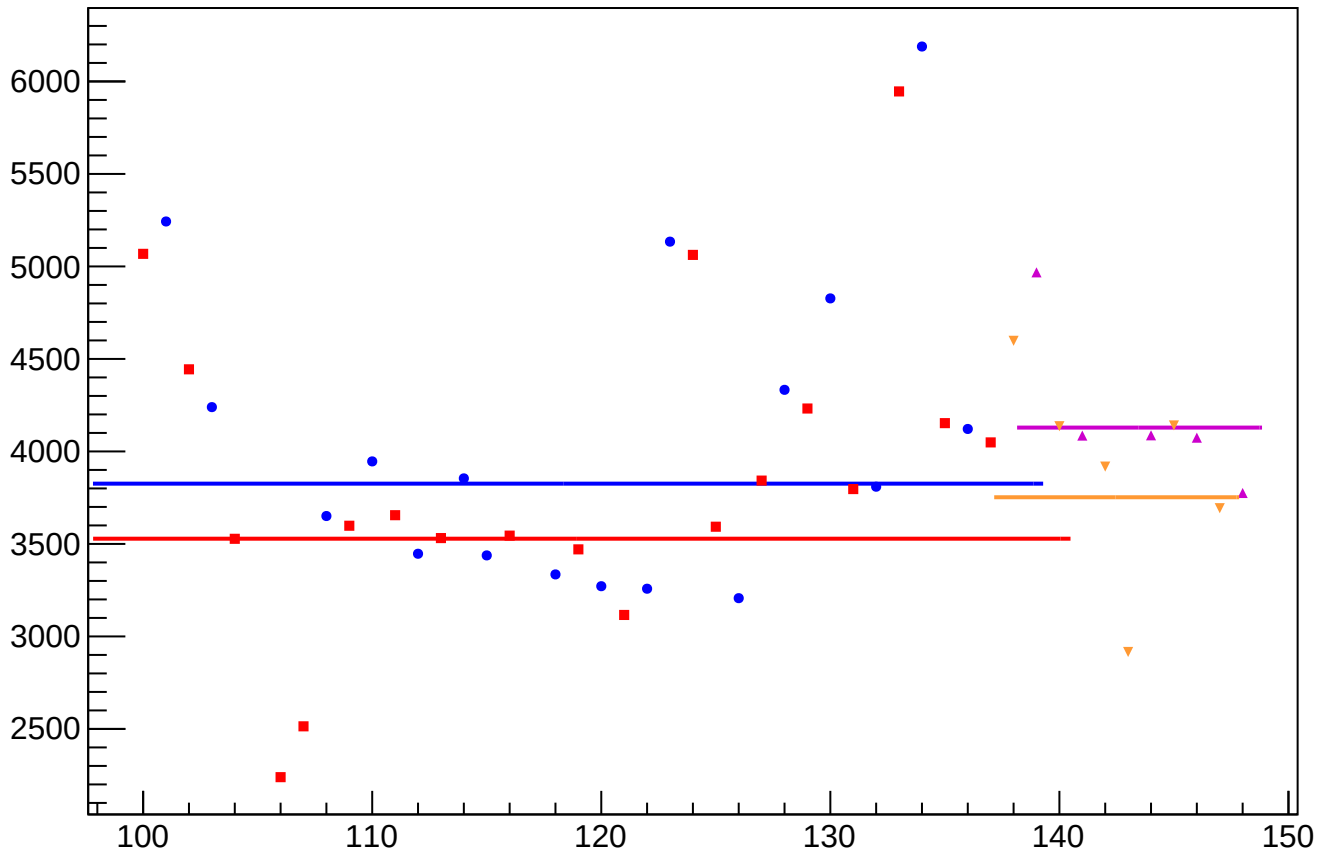
Left In: -1122.099+/-2045.147 χ^2/NDF : 2.2/4

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

All: 282.272+/-817.047 χ^2/NDF : 41.5/46

- sign 264.034+/-1143.313 χ^2/NDF : 17.0/23

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

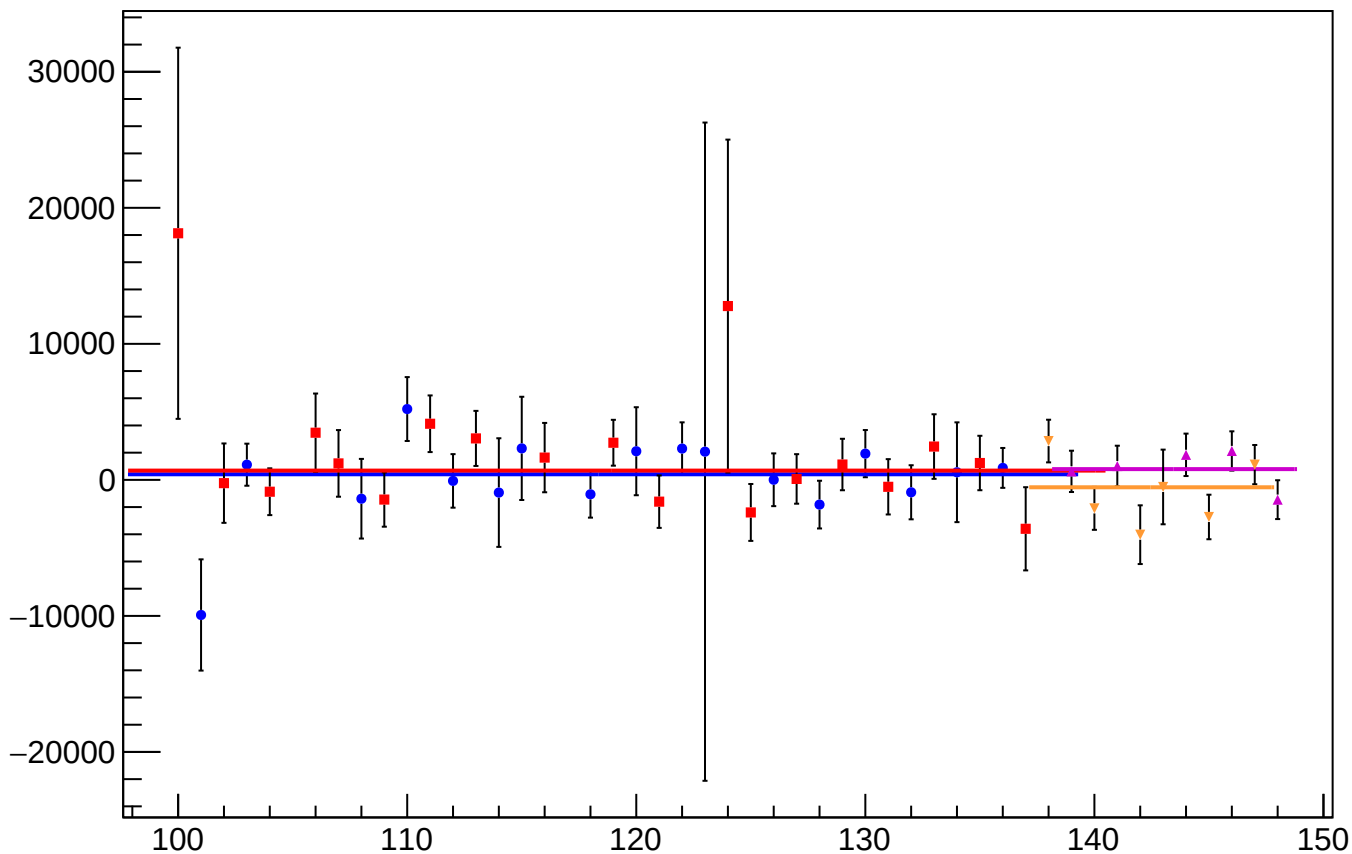
Right Out: 3528.289+/-0.966 χ^2/NDF : 555414.1/18

All: 3754.138+/-0.576 χ^2/NDF : 1263284.0/46

- sign 3713.636+/-0.803 χ^2/NDF : 734876.7/23

Left In: 4128.872+/-1.446 χ^2/NDF : 60215.2/4

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

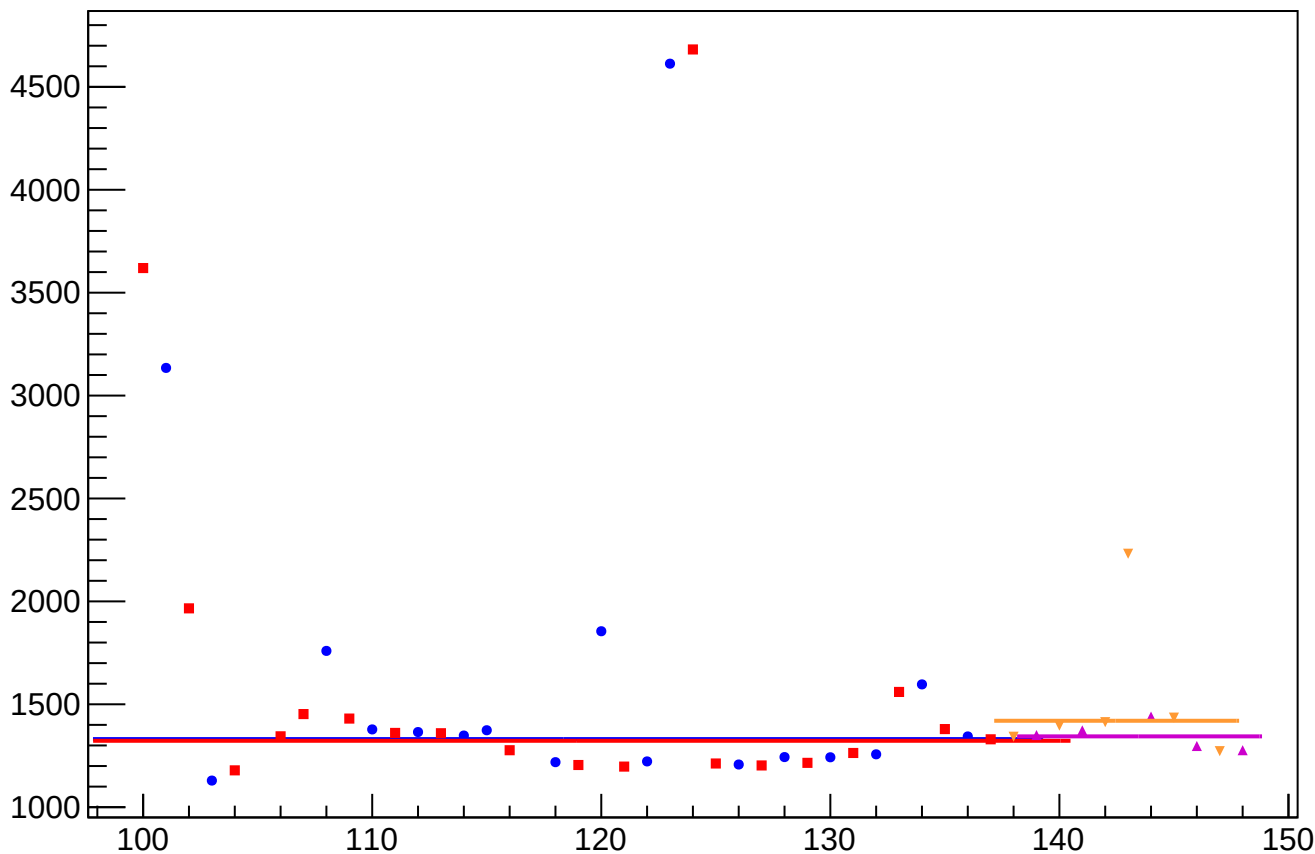
Left In: 791.243+/-664.590 χ^2/NDF : 3.8/4

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

All: 409.662+/-292.322 χ^2/NDF : 52.2/46

- sign 722.619+/-404.696 χ^2/NDF : 21.9/23

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

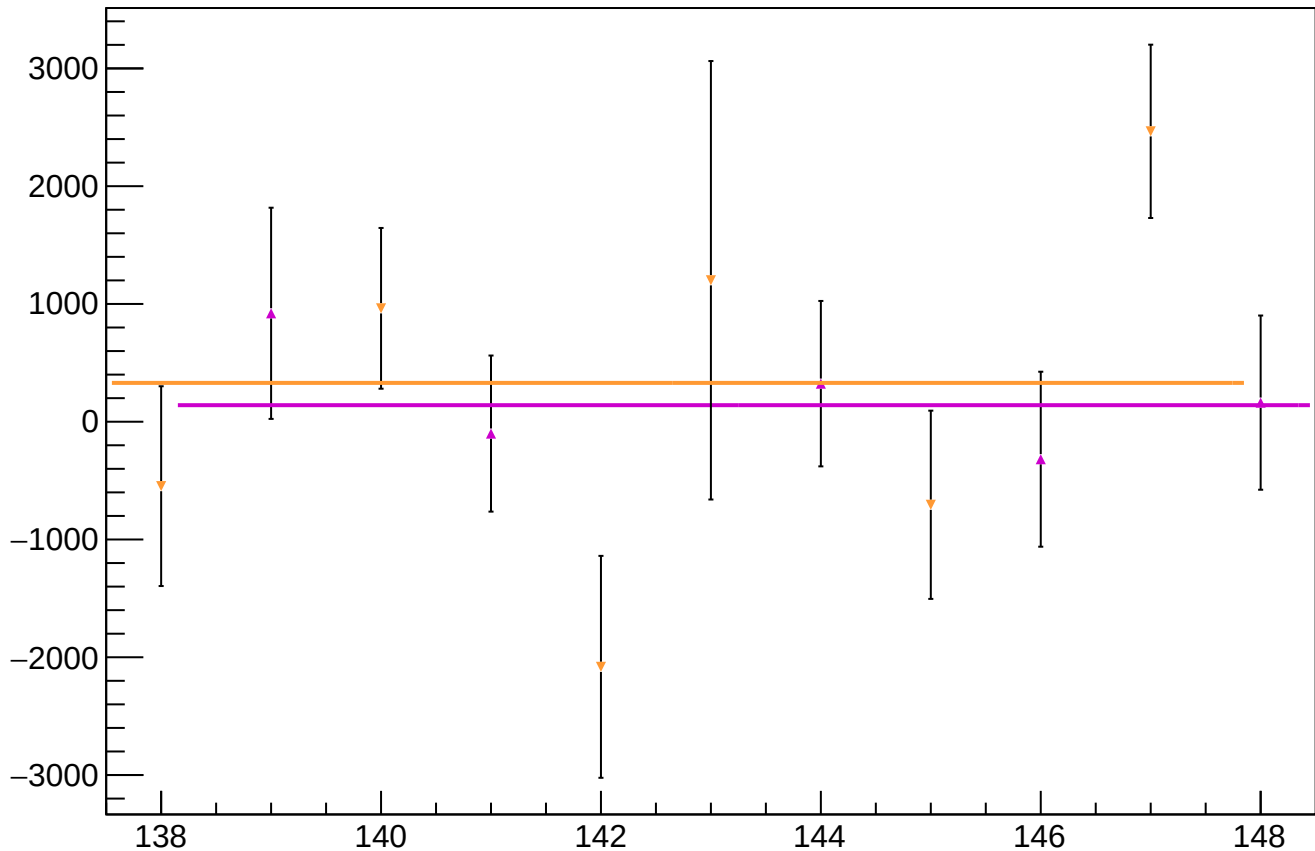
Left In: 1344.124 $\pm$ 0.470 χ^2 /NDF: 14931.9/4

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

All: 1346.053 $\pm$ 0.207 χ^2 /NDF: 1242014.6/46

- sign 1330.648 $\pm$ 0.286 χ^2 /NDF: 410652.5/23

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

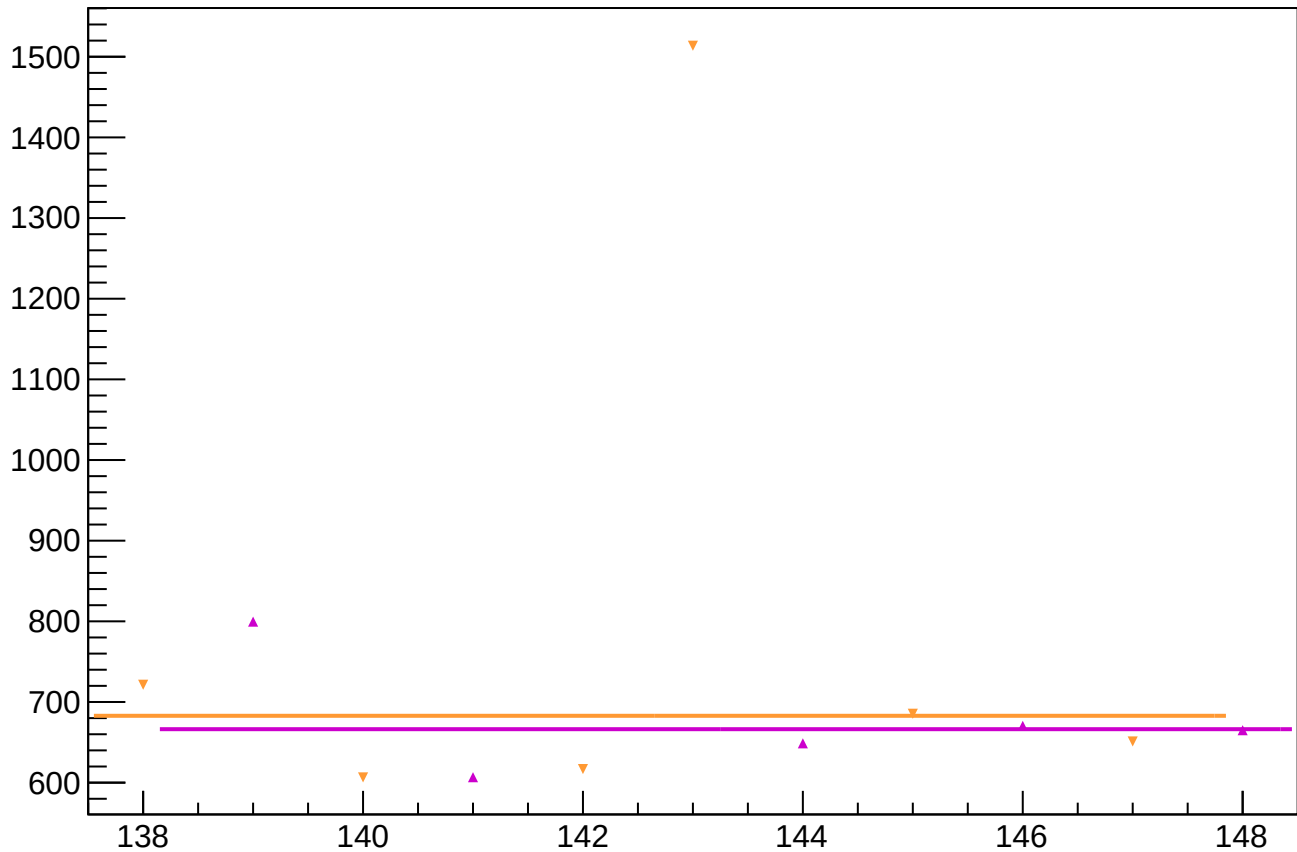
Left In: 140.457+/-329.898 χ^2/NDF : 1.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.642+/-238.688 χ^2/NDF : 20.3/10

- 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

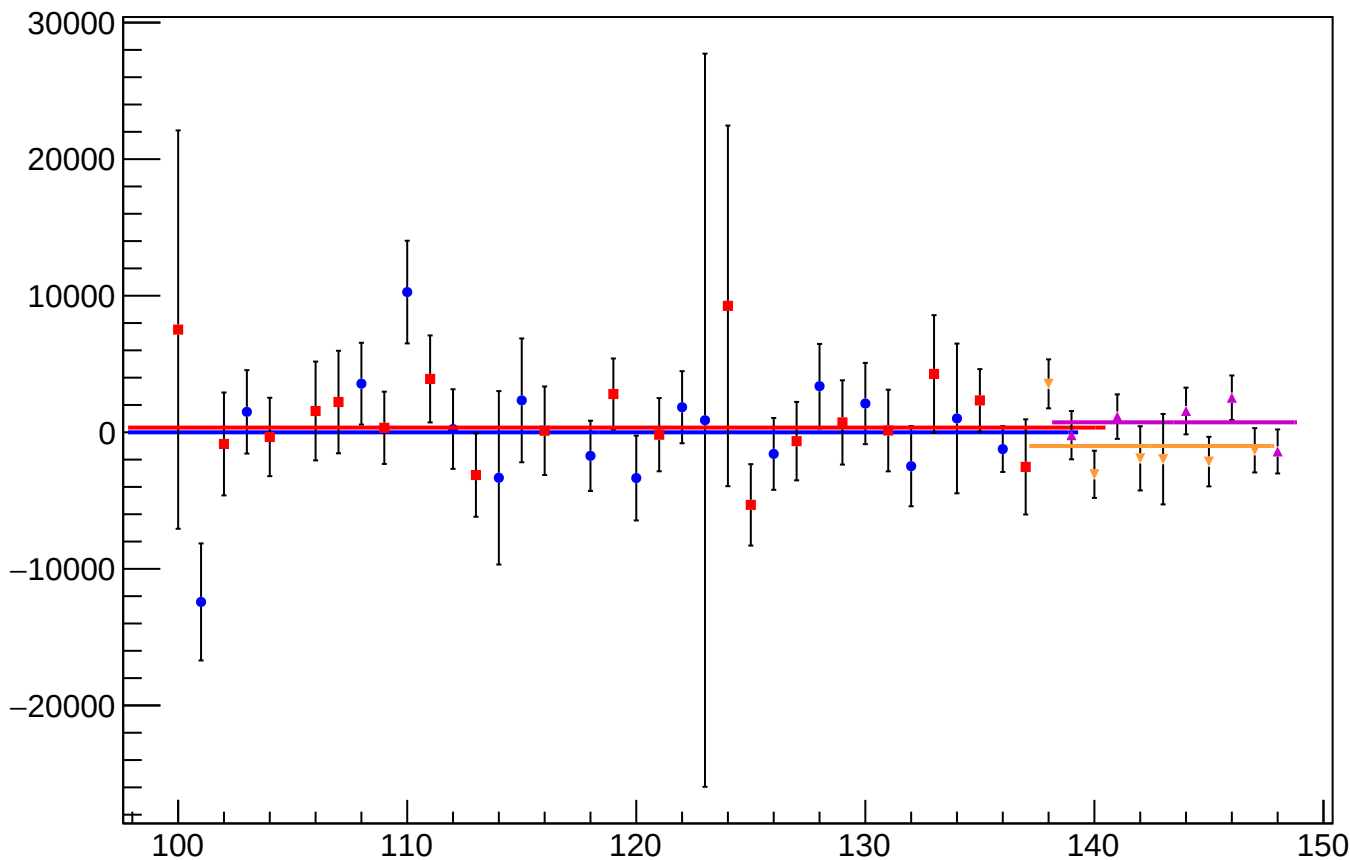
Left In: 666.280+/-0.233 χ^2/NDF : 61700.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 674.194+/-0.169 χ^2/NDF : 505191.6/10

- 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

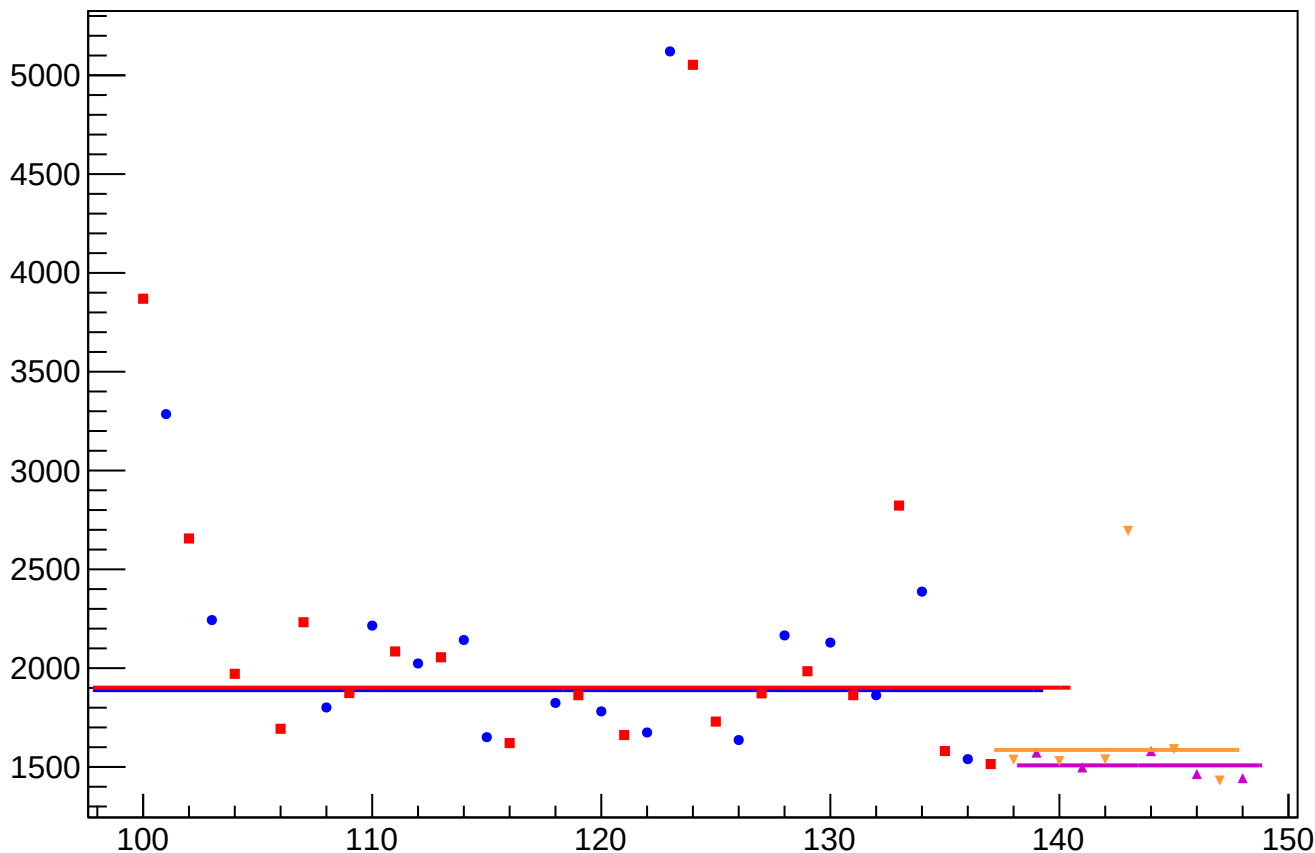
Left In: 730.018 ± 745.129 χ^2/NDF : 3.6/4

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

All: 48.331 ± 376.286 χ^2/NDF : 49.1/46

- sign 534.615 ± 522.807 χ^2/NDF : 14.4/23

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

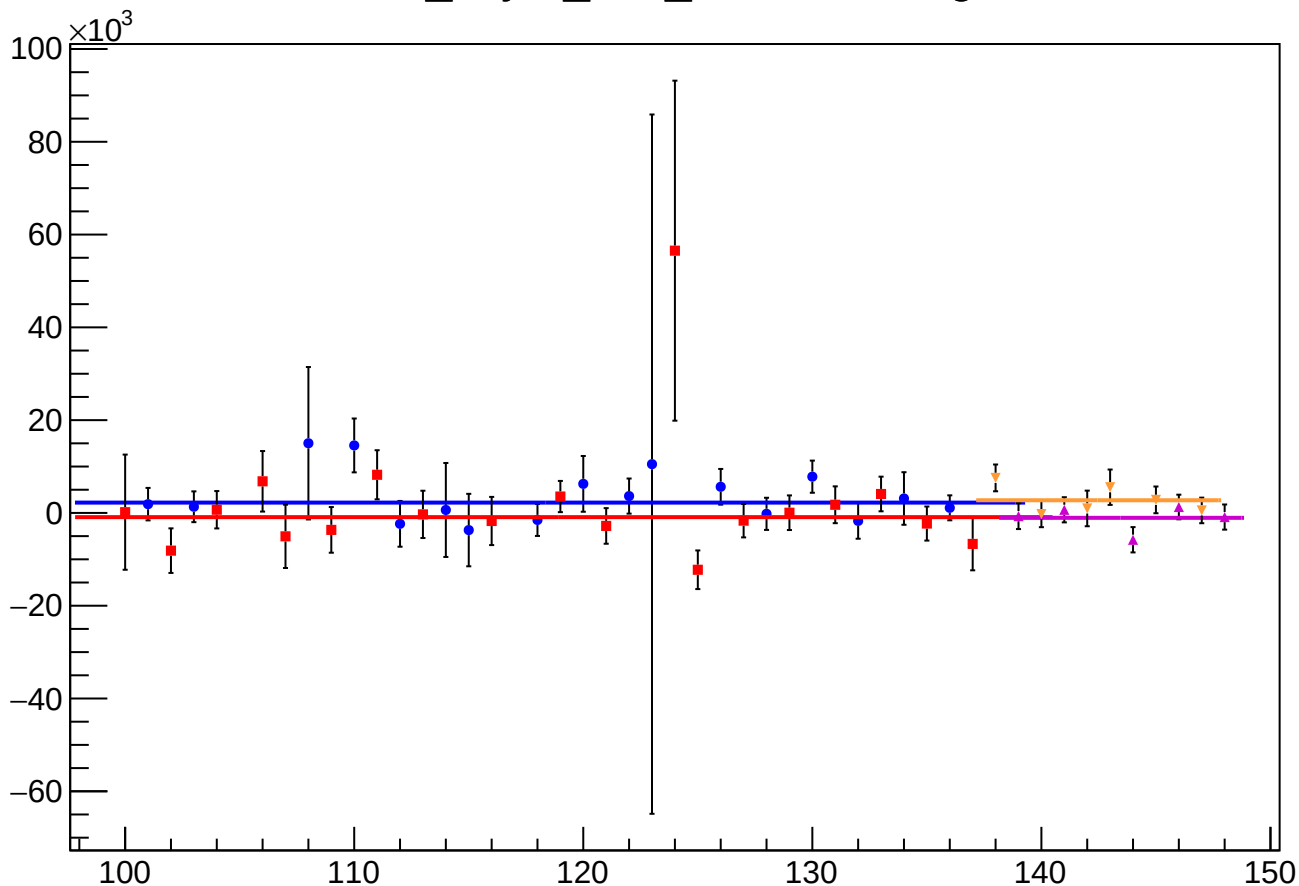
Left In: 1508.124+/-0.527 χ^2/NDF : 10941.2/4

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

All: 1726.392+/-0.266 χ^2/NDF : 1628171.6/46

- sign 1707.721+/-0.370 χ^2/NDF : 755015.6/23

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

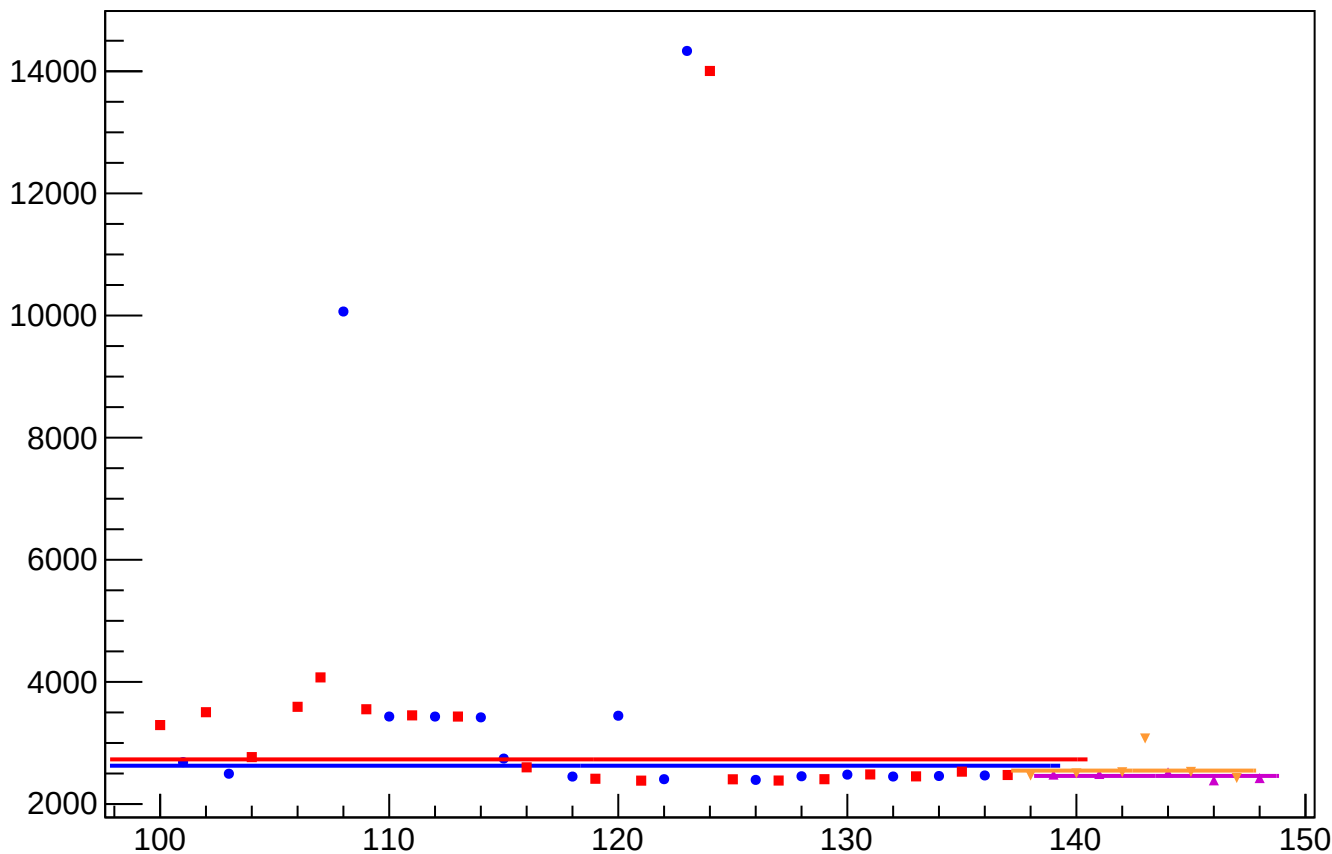
Left In: -1055.801 $\pm$ 1215.429 χ^2 /NDF: 4.2/4

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

All: 714.932 $\pm$ 563.452 χ^2 /NDF: 55.2/46

- sign -970.856 $\pm$ 793.208 χ^2 /NDF: 27.1/23

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

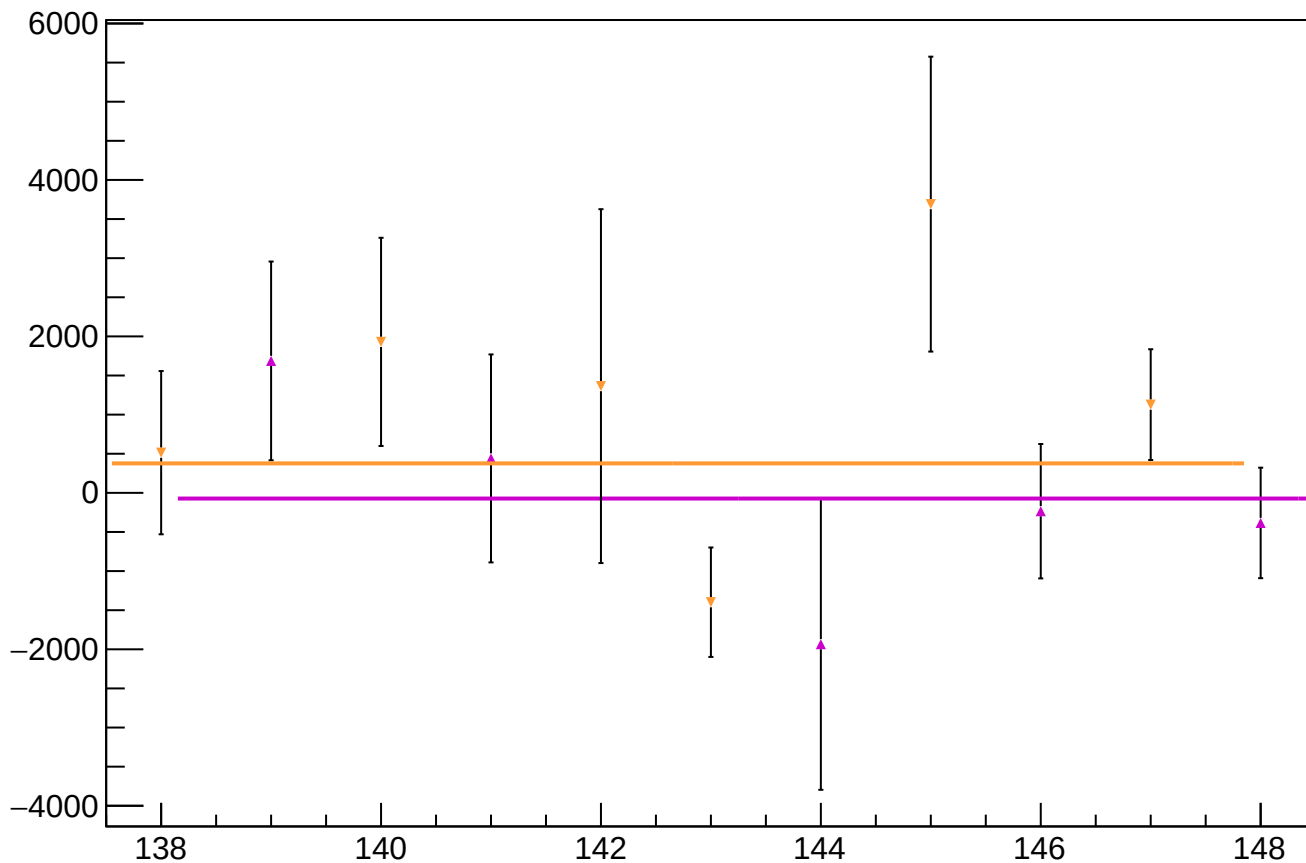
Left In: 2460.428+/-0.859 χ^2/NDF : 3118.5/4

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

All: 2605.618+/-0.398 χ^2/NDF : 1352541.4/46

- sign 2615.917+/-0.561 χ^2/NDF : 658340.7/23

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

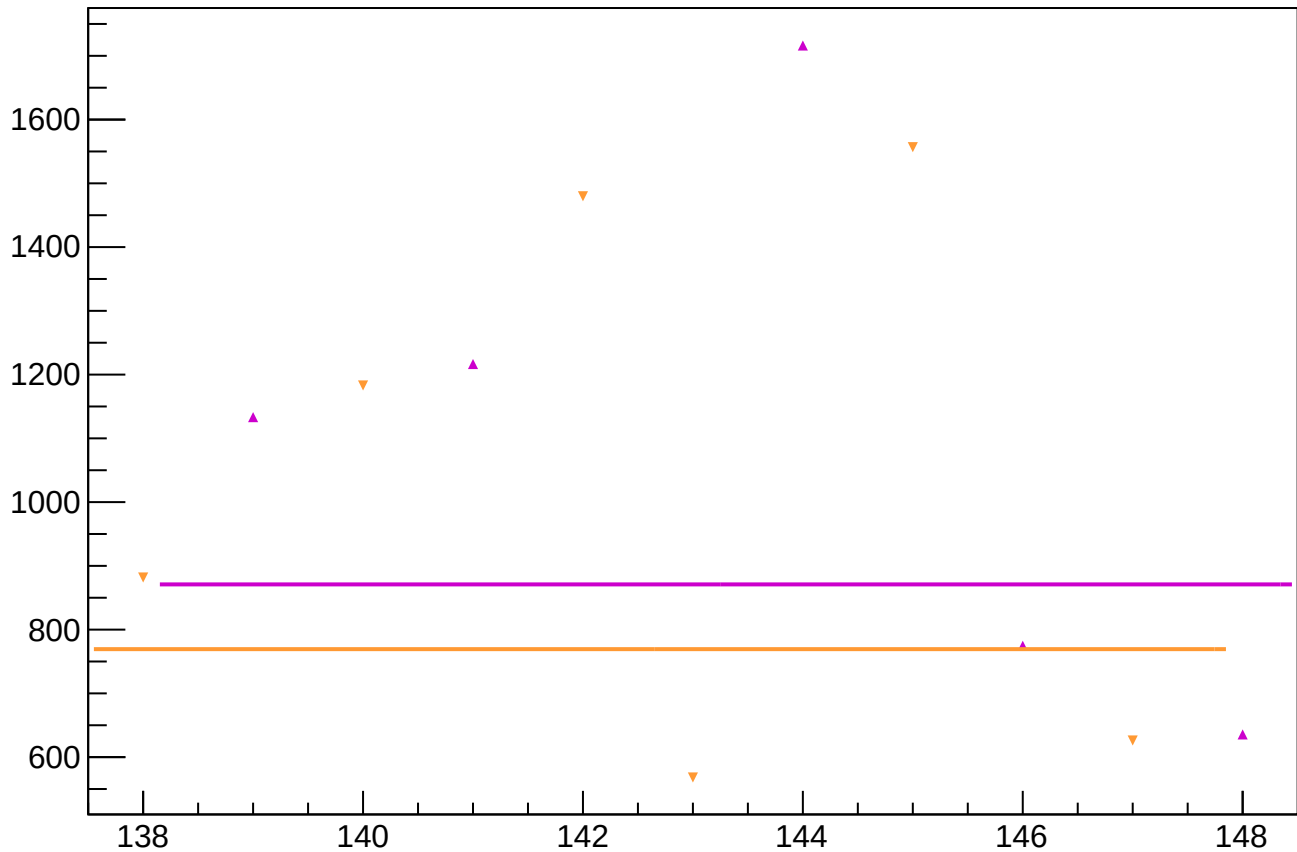
Left In: -72.804+/-454.825 χ^2/NDF : 3.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.174+/-303.824 χ^2/NDF : 16.1/10

- 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

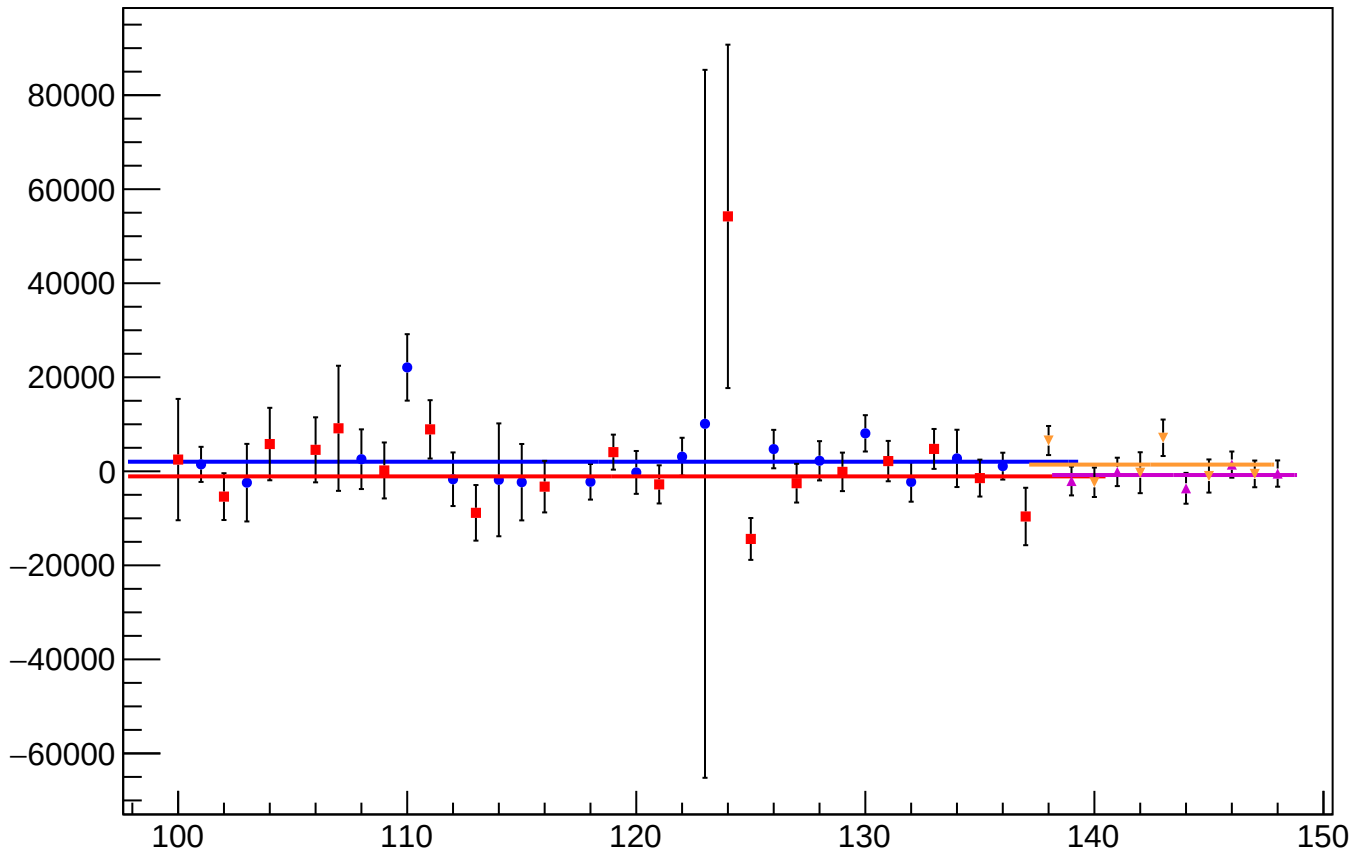
Left In: 870.935+/-0.322 χ^2/NDF : 879931.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.698+/-0.215 χ^2/NDF : 1945266.7/10

- 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

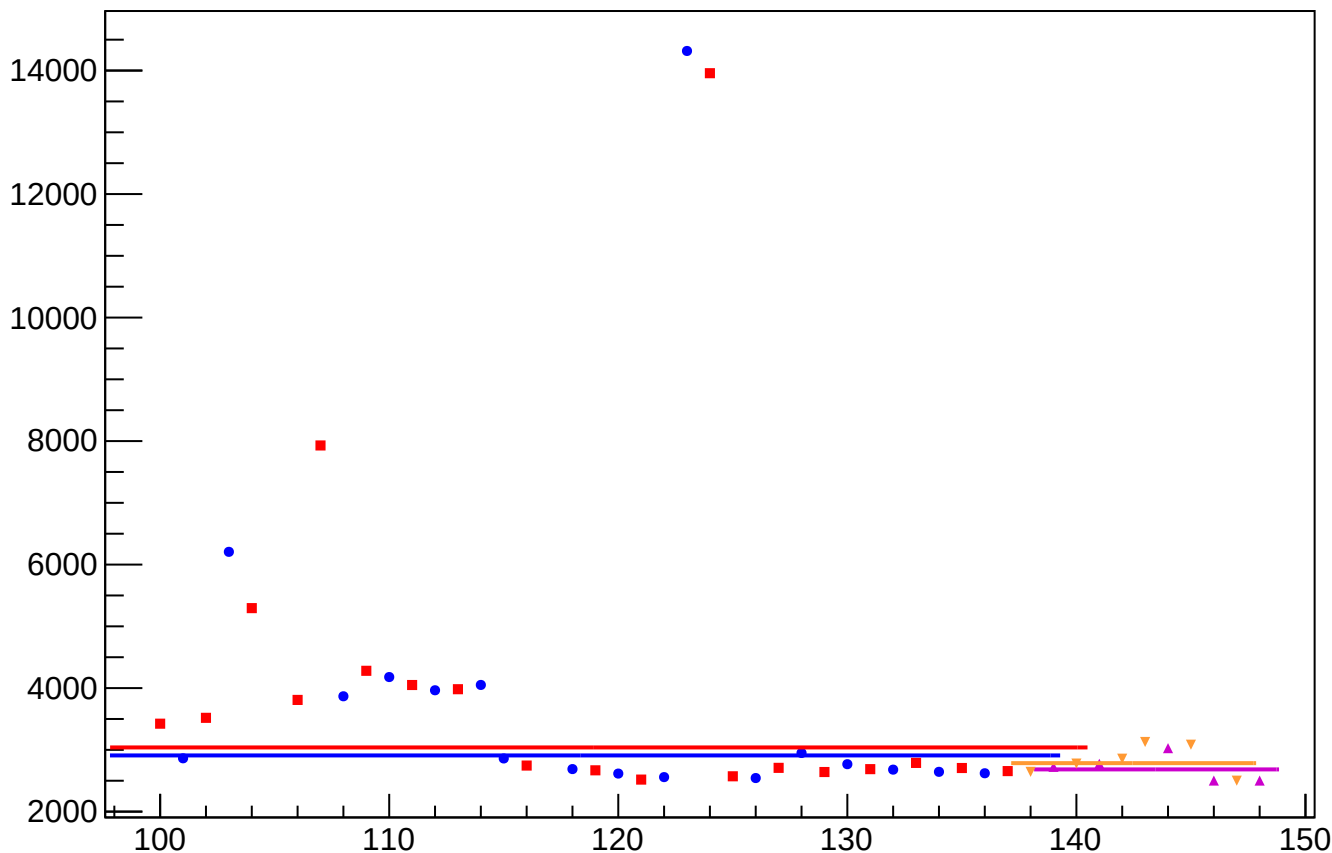
Left In: -789.144+/-1329.090 χ^2/NDF : 1.6/4

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

All: 421.455+/-624.929 χ^2/NDF : 54.2/46

- sign -951.056+/-885.186 χ^2/NDF : 27.0/23

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

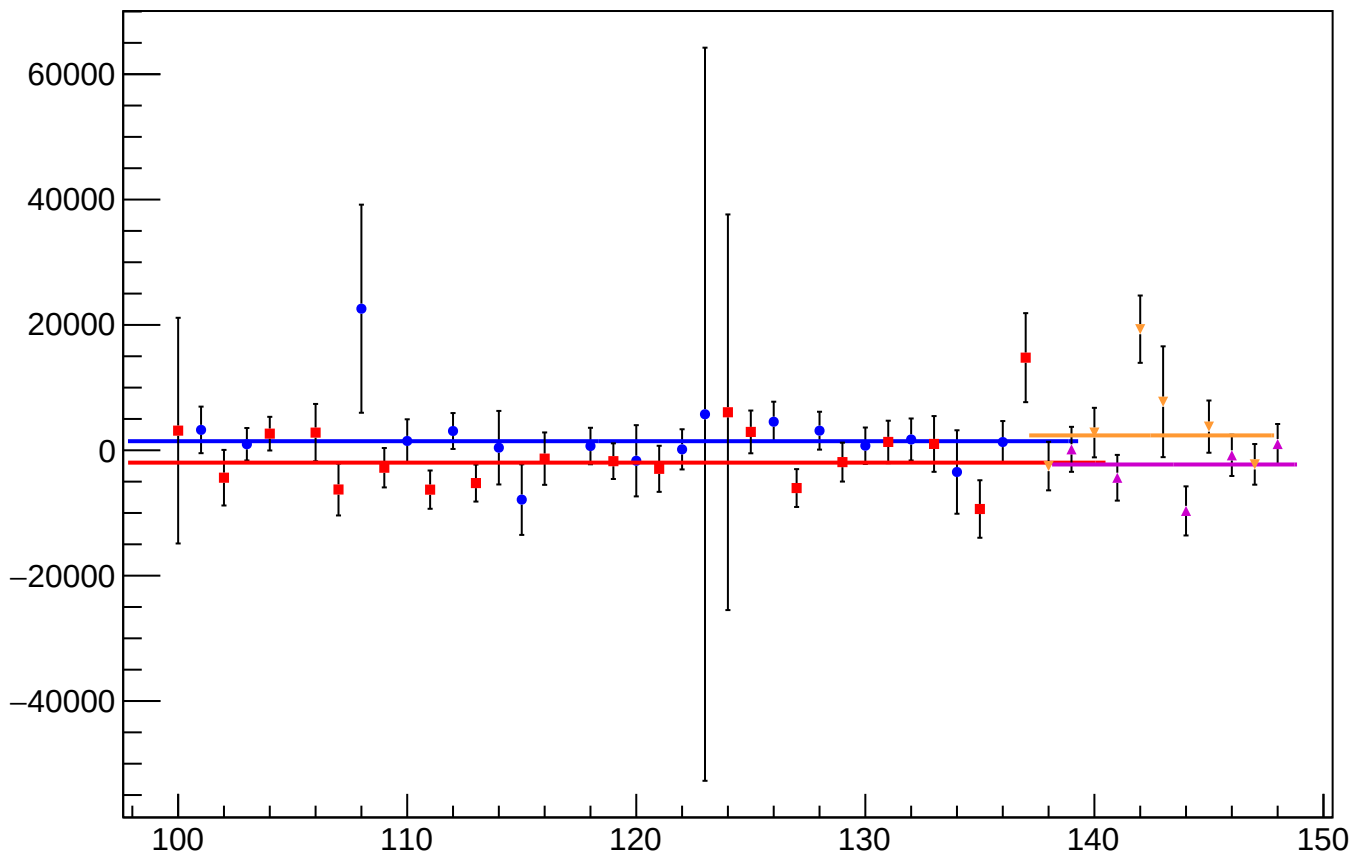
Left In: 2683.392+/-0.940 χ^2 /NDF: 40972.2/4

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

All: 2869.725+/-0.442 χ^2 /NDF: 1838967.9/40

- sign 2881.329+/-0.626 χ^2 /NDF: 1131998.1/23

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

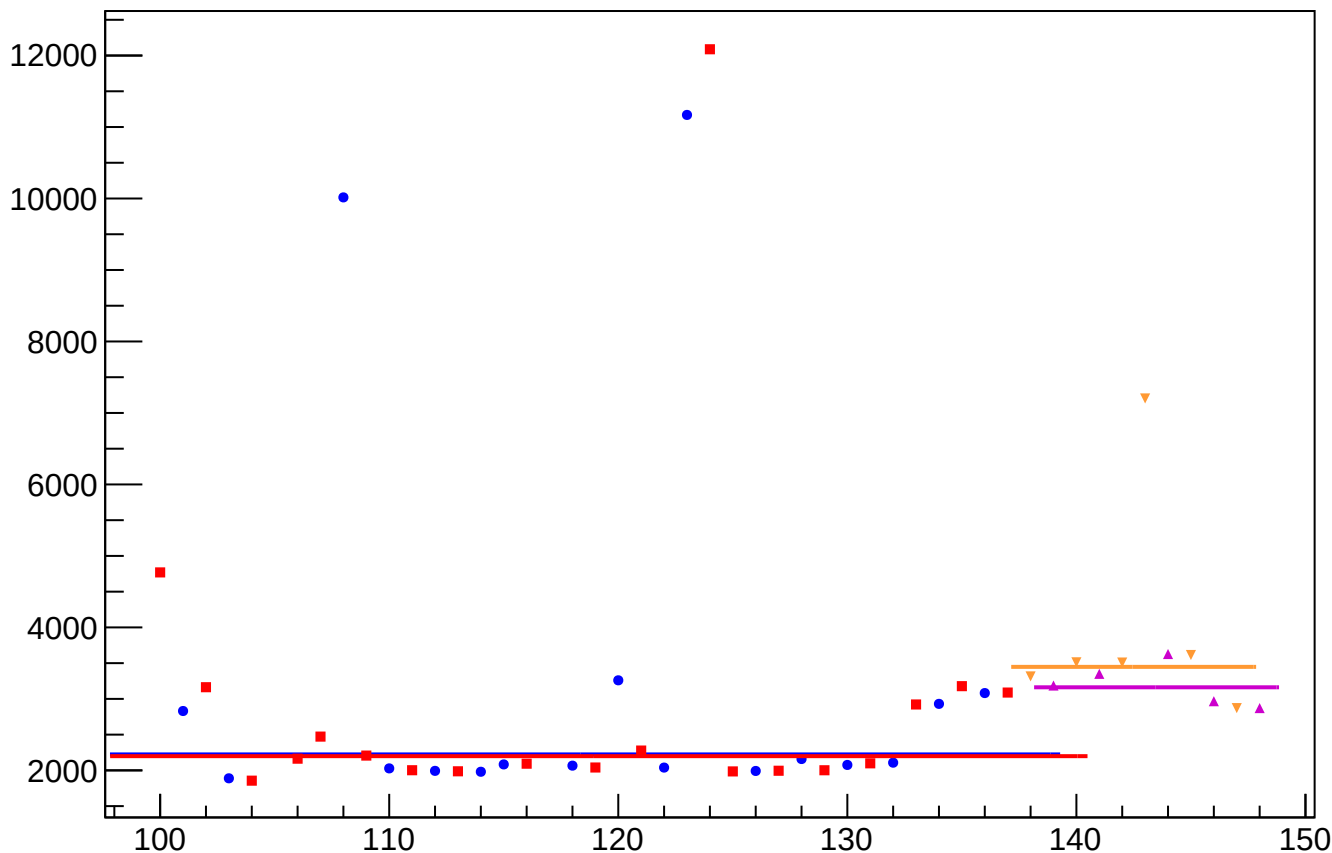
Left In: -2265.218+/-1565.246 χ^2/NDF : 5.6/4

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

All: -302.248+/-543.372 χ^2/NDF : 61.1/46

- sign -2036.661+/-747.299 χ^2/NDF : 28.0/23

dit_asym_atl2_rms vs Slug



Right In: 2223.132 $\pm$ 0.629 χ^2 /NDF: 850289.4/16

Left Out: 3447.976 $\pm$ 1.229 χ^2 /NDF:430453.0/5

Right Out: 2198.760 $\pm$ 0.601 χ^2 /NDF: 602418.1/18

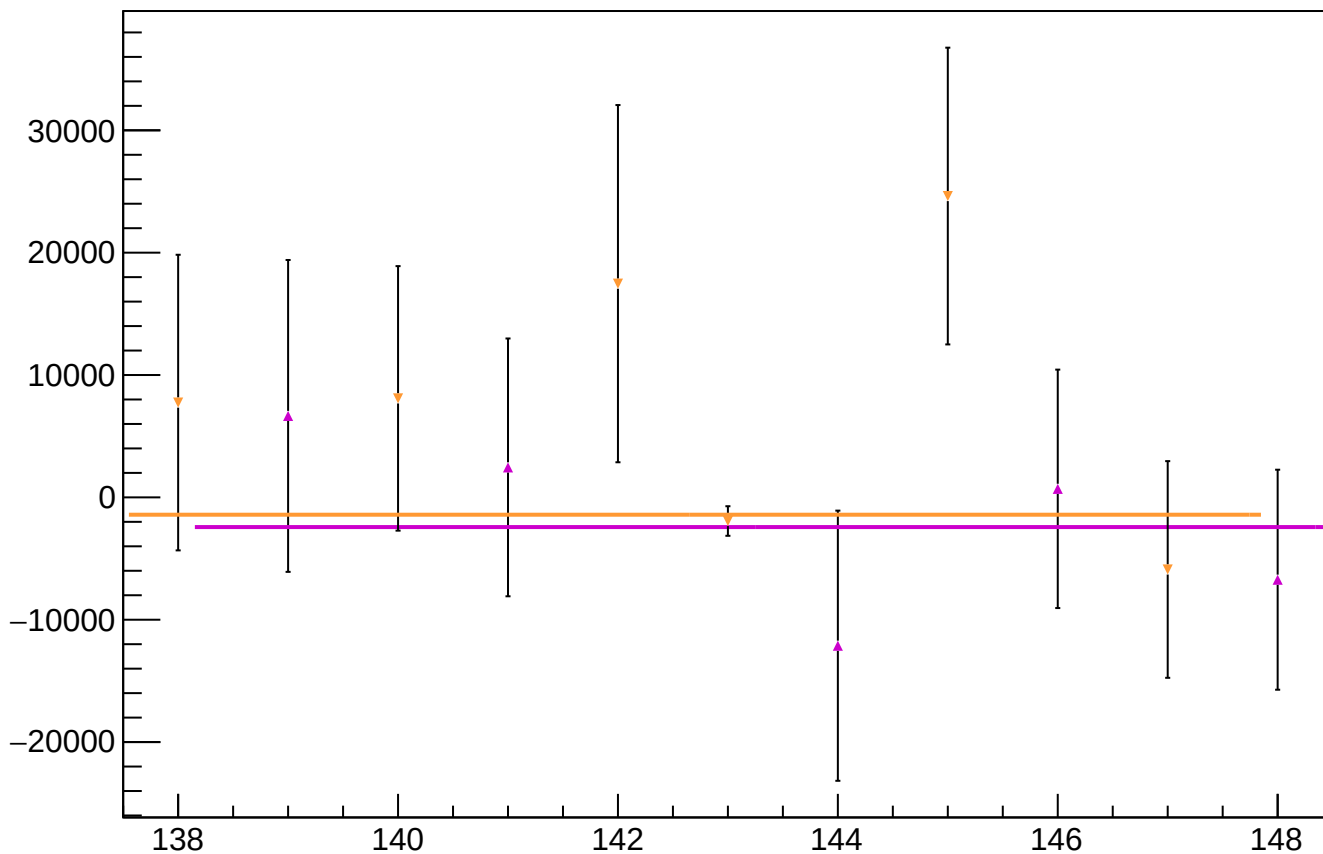
Left In: 3162.110 $\pm$ 1.107 χ^2 /NDF:57226.0/4

+ sign 2477.100 $\pm$ 0.560 χ^2 /NDF: 2067933.2/22

All: 2445.892 $\pm$ 0.384 χ^2 /NDF: 3318551.4/46

- sign 2418.102 $\pm$ 0.528 χ^2 /NDF: 1244739.9/23

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

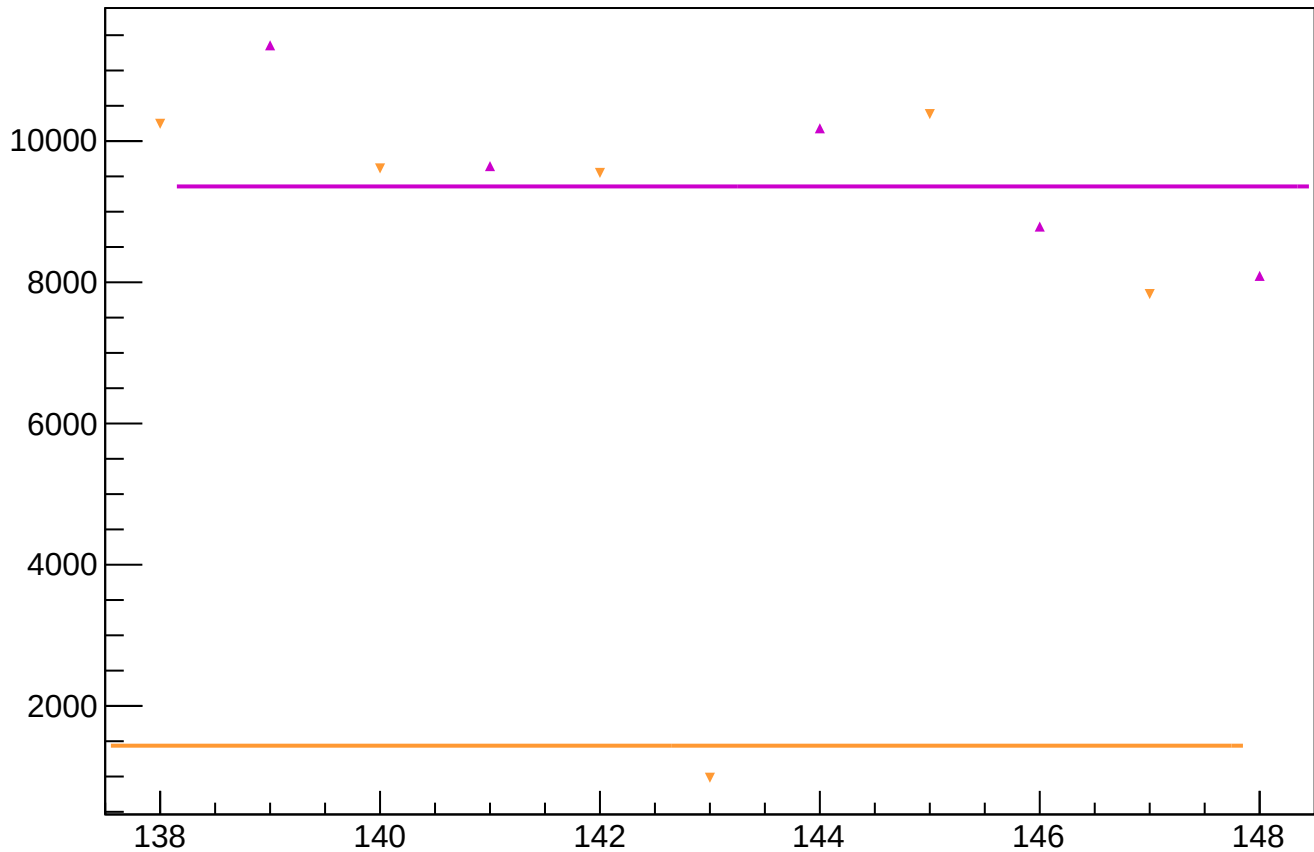
Left In: -2427.267+/-4648.807 χ^2/NDF : 1.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1477.644+/-1139.277 χ^2/NDF : 9.9/10

- 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

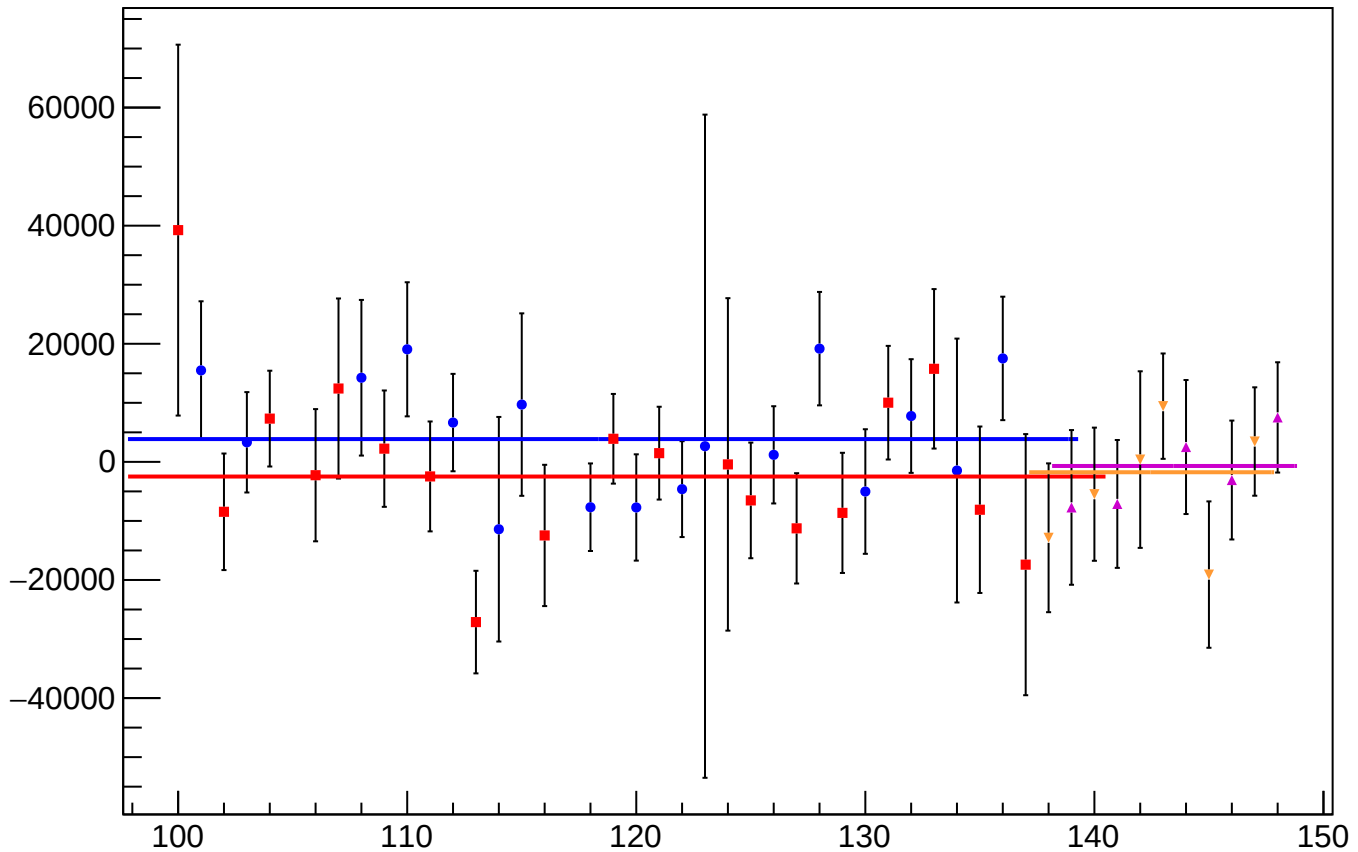
Left In: 9357.881+/-3.287 χ^2/NDF : 108322.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1912.582+/-0.806 χ^2/NDF : 10805132.6/1

- 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

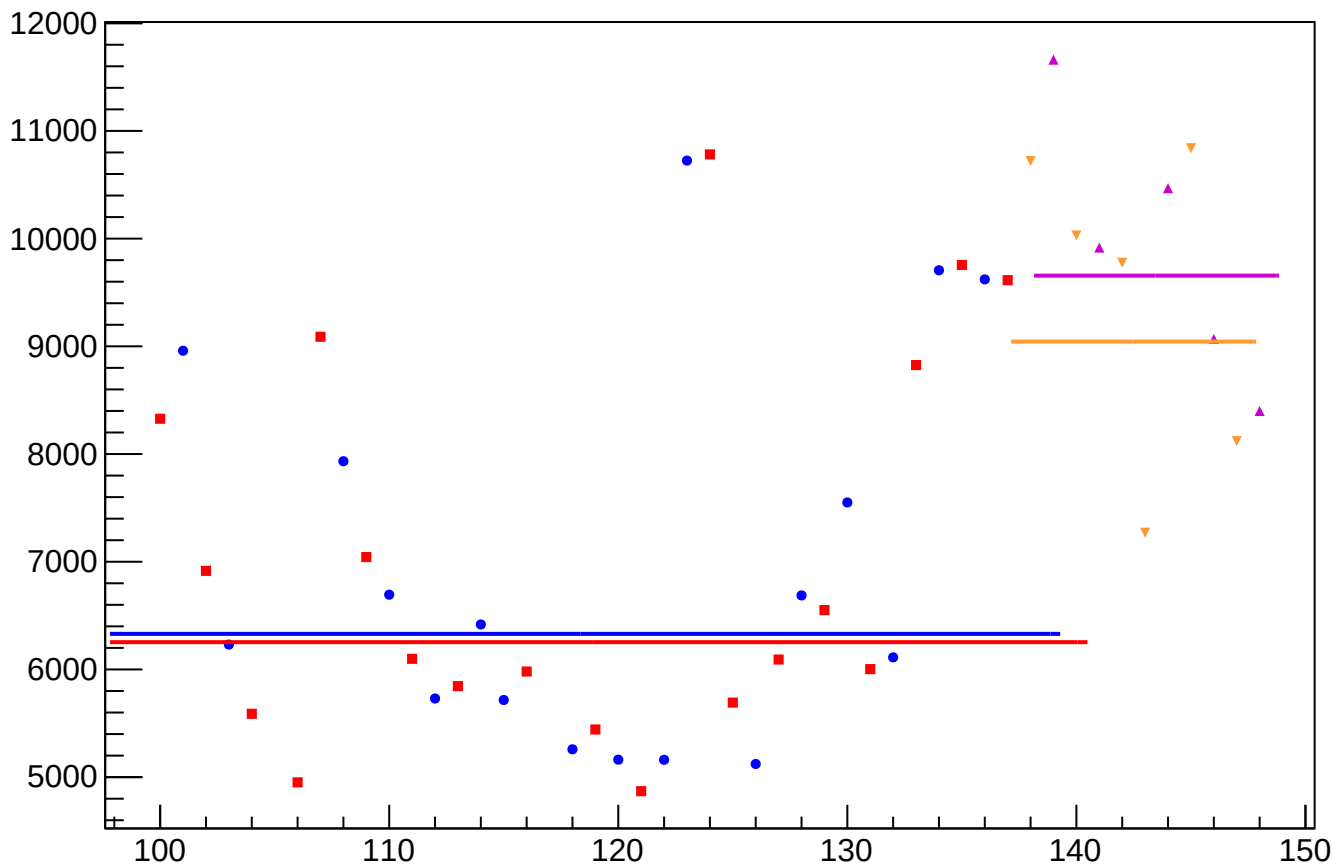
Left In: -694.261 $\pm$ 4796.861 χ^2 /NDF: 1.6/4

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

All: 171.592 $\pm$ 1538.478 χ^2 /NDF: 44.7/46

- sign -2119.727 $\pm$ 2161.546 χ^2 /NDF: 21.7/23

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

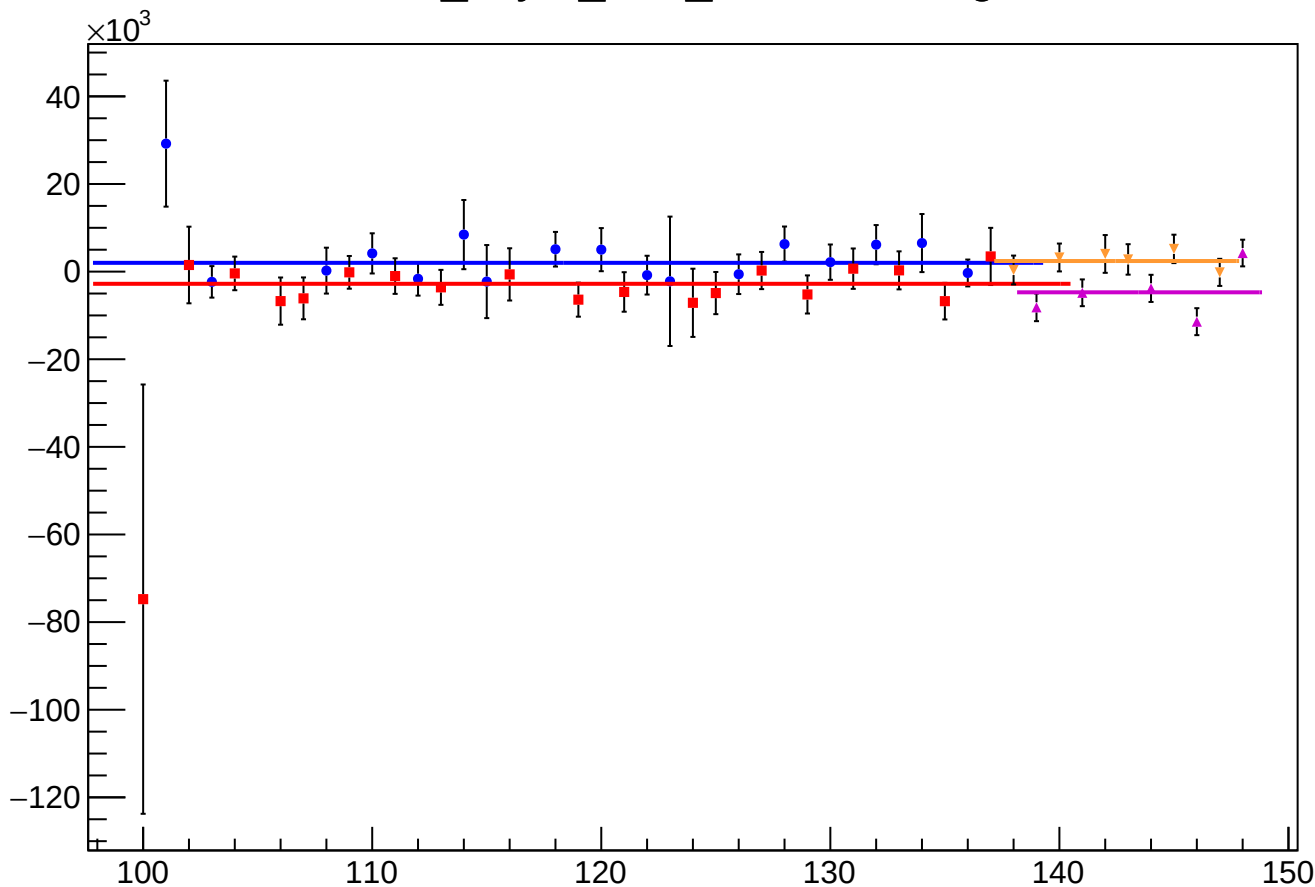
Left In: 9656.403 ± 3.392 χ^2/NDF : 101292.1/4

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

All: 6959.781 ± 1.088 χ^2/NDF : 2785799.3/40

- sign 6944.292 ± 1.528 χ^2/NDF : 1438869.4/23

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

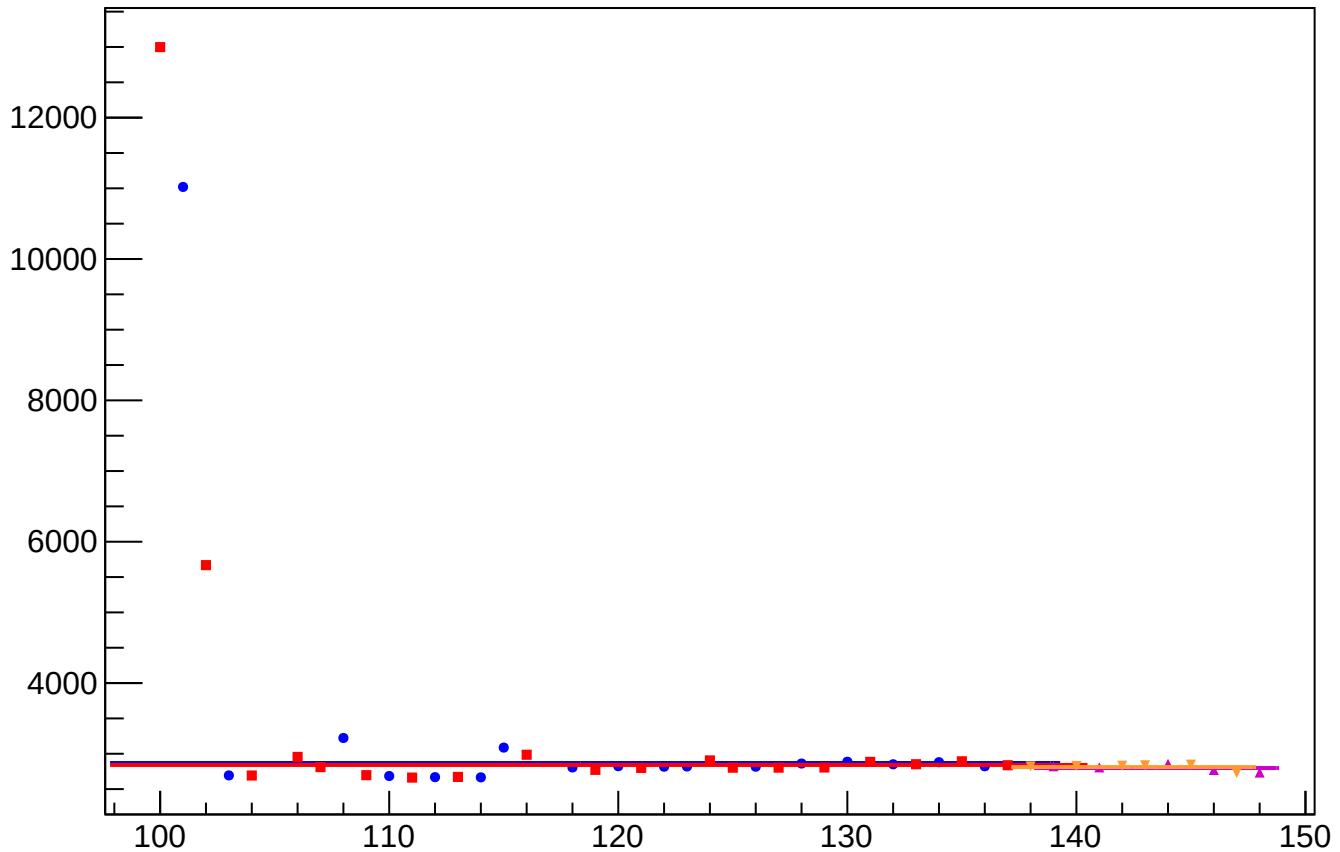
Left In: -4724.695 $\pm$ 1380.206 χ^2 /NDF: 14.7/4

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

All: -748.304 $\pm$ 611.158 χ^2 /NDF: 61.6/46

- sign -3524.370 $\pm$ 853.555 χ^2 /NDF: 25.8/23

dit_asym_atr1_rms vs Slug



Right In: 2869.197 $\pm$ 0.802 χ^2 /NDF: 669900.5/16

Left Out: 2811.586 $\pm$ 0.974 χ^2 /NDF:1861.2/5

Right Out: 2841.561 $\pm$ 0.768 χ^2 /NDF: 312523.0/18

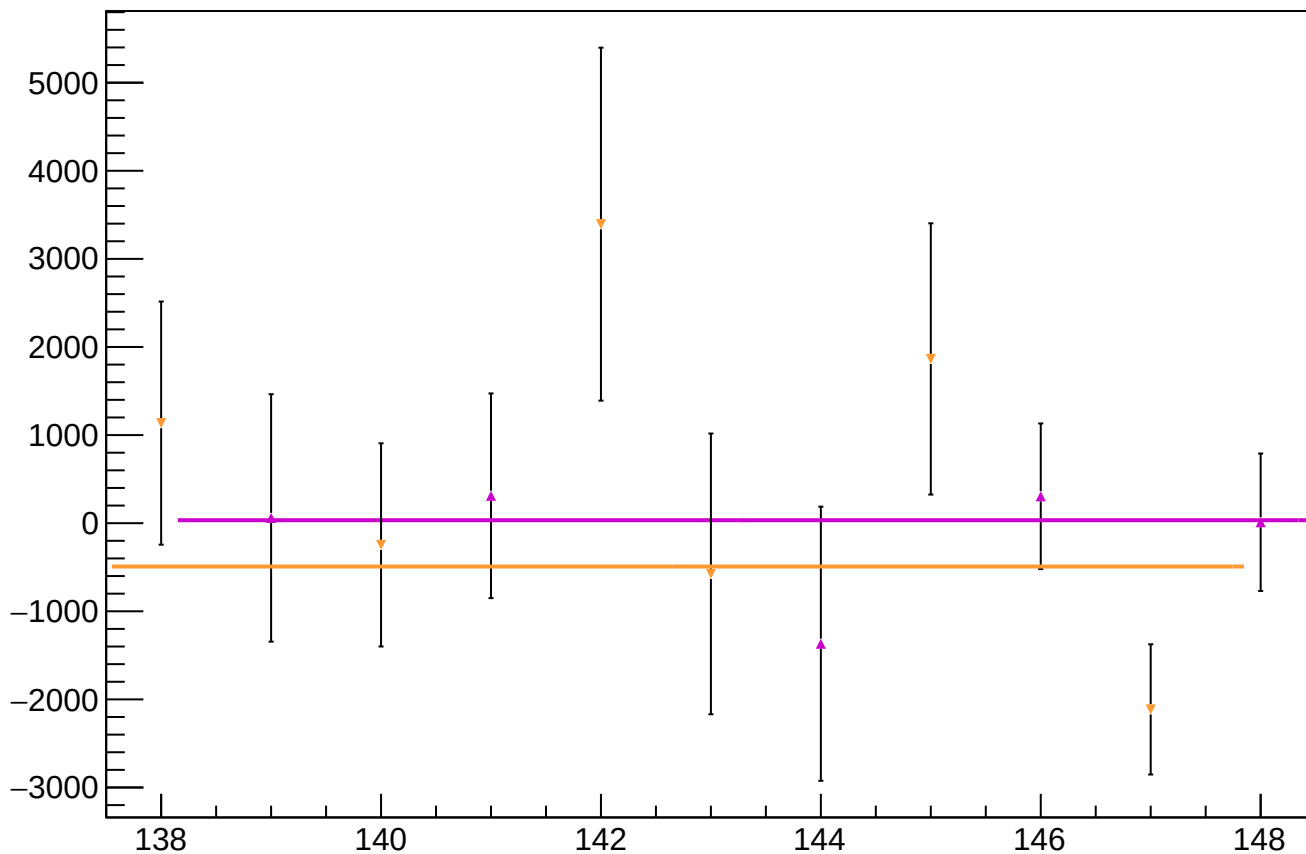
Left In: 2798.001 $\pm$ 0.976 χ^2 /NDF:1920.7/4

+ sign 2845.909 $\pm$ 0.619 χ^2 /NDF: 673847.4/22

All: 2835.139 $\pm$ 0.432 χ^2 /NDF: 990111.7/46

- sign 2824.901 $\pm$ 0.604 χ^2 /NDF: 315673.9/23

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

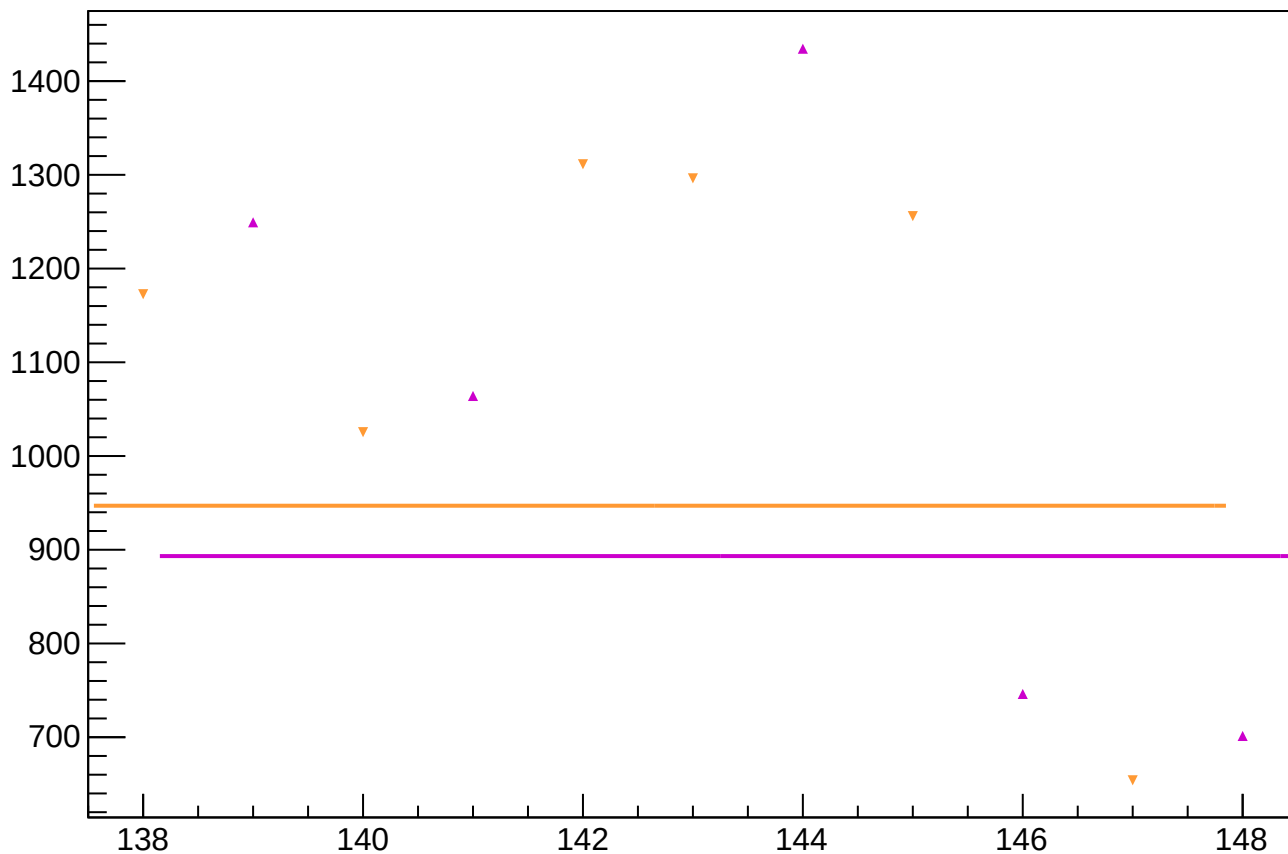
Left In: 33.652+/-457.896 χ^2/NDF : 1.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.538+/-334.418 χ^2/NDF : 14.0/10

- 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

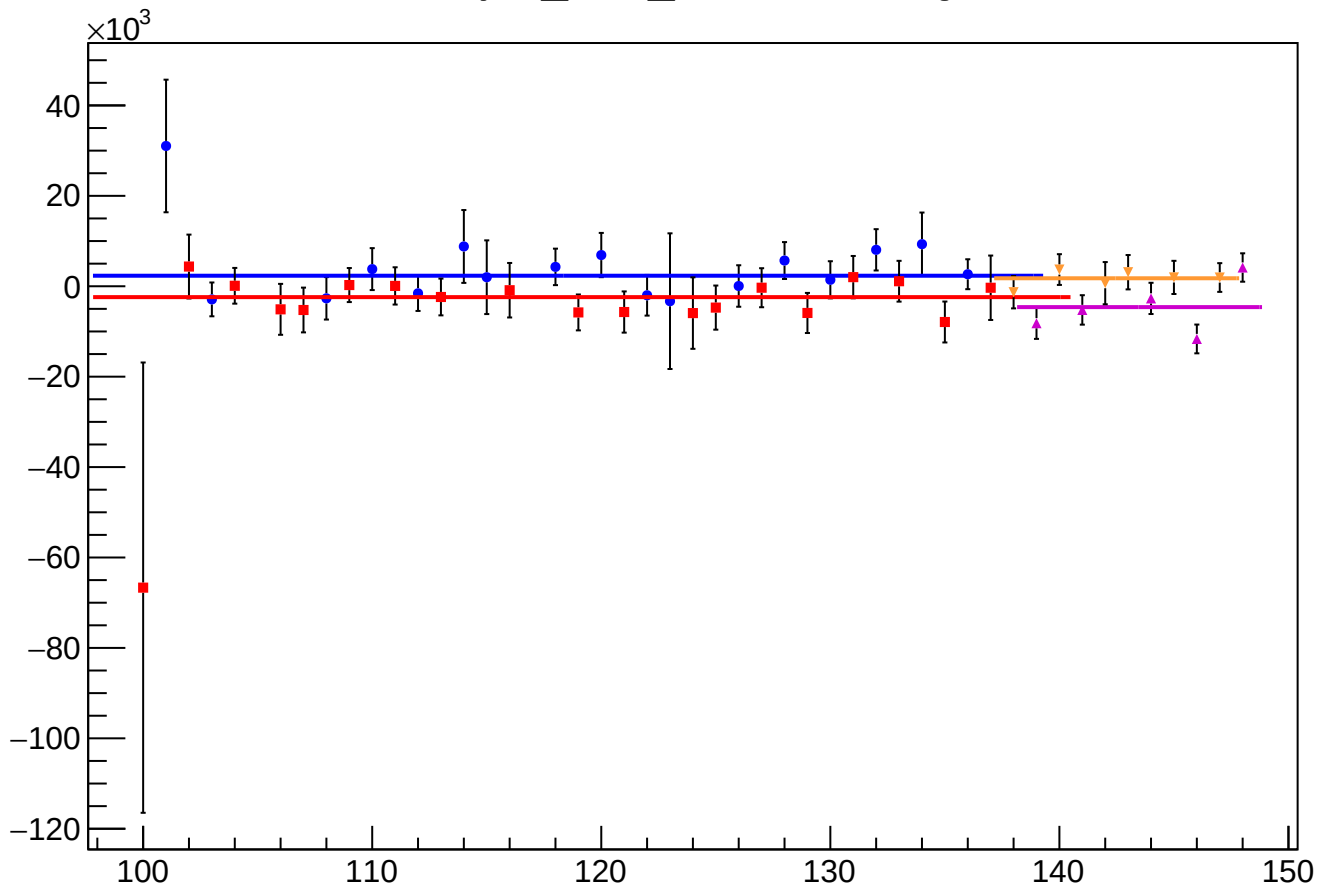
Left In: 893.248+/-0.324 χ^2/NDF : 598460.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.319+/-0.236 χ^2/NDF : 1230996.4/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



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

Left Out: 1766.141 ± 1485.652 χ^2/NDF : 1.2/5

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

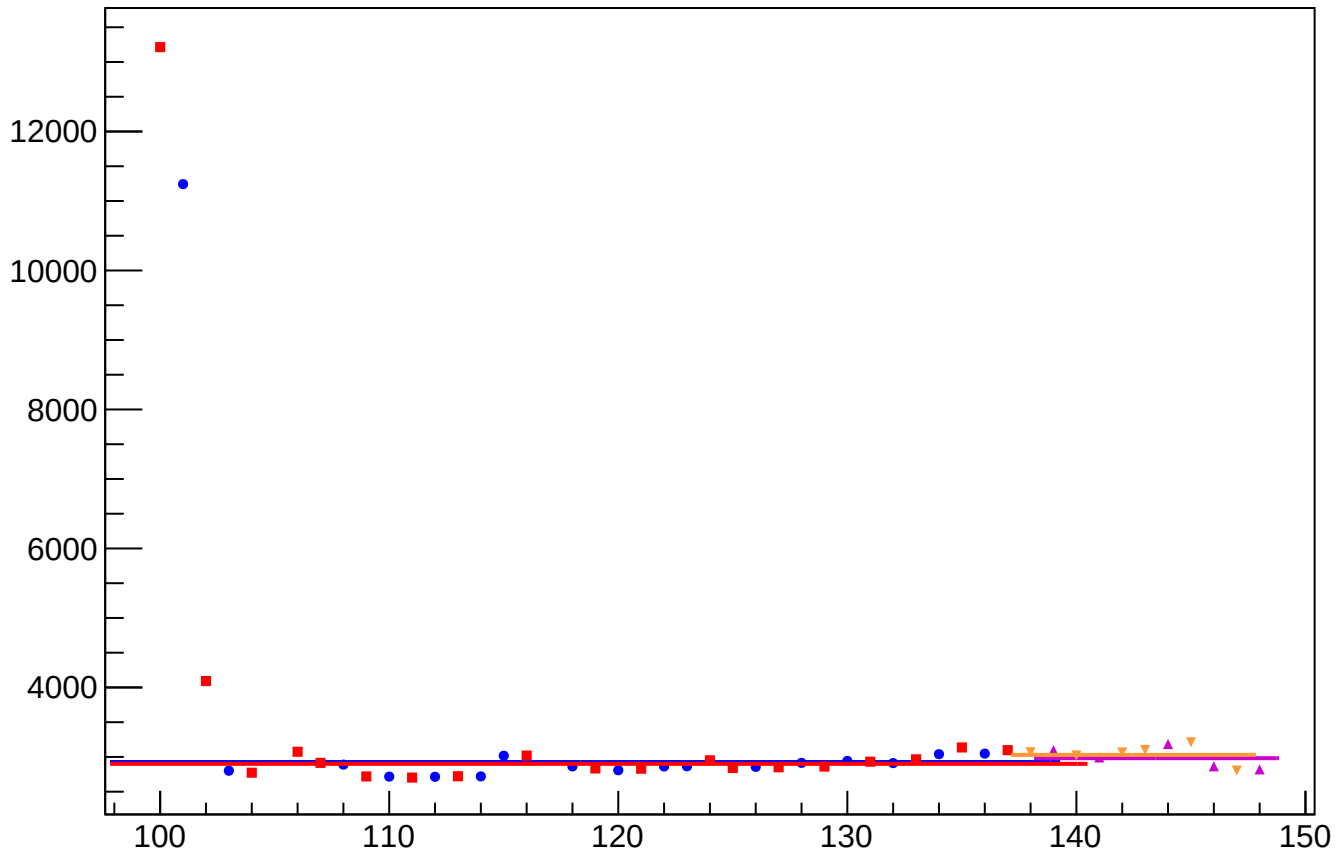
Left In: -4612.264 ± 1472.483 χ^2/NDF : 14.1/4

+ sign 2117.312 ± 912.617 χ^2/NDF : 15.7/22

All: -620.874 ± 635.852 χ^2/NDF : 58.8/46

- sign -3204.090 ± 886.416 χ^2/NDF : 25.6/23

asym_atr1_rms vs Slug



Right In: 2926.610+/-0.818 χ^2/NDF : 662794.4/16

Left Out: 3029.627+/-1.051 χ^2/NDF :16049.9/5

Right Out: 2900.827+/-0.785 χ^2/NDF : 169866.6/18

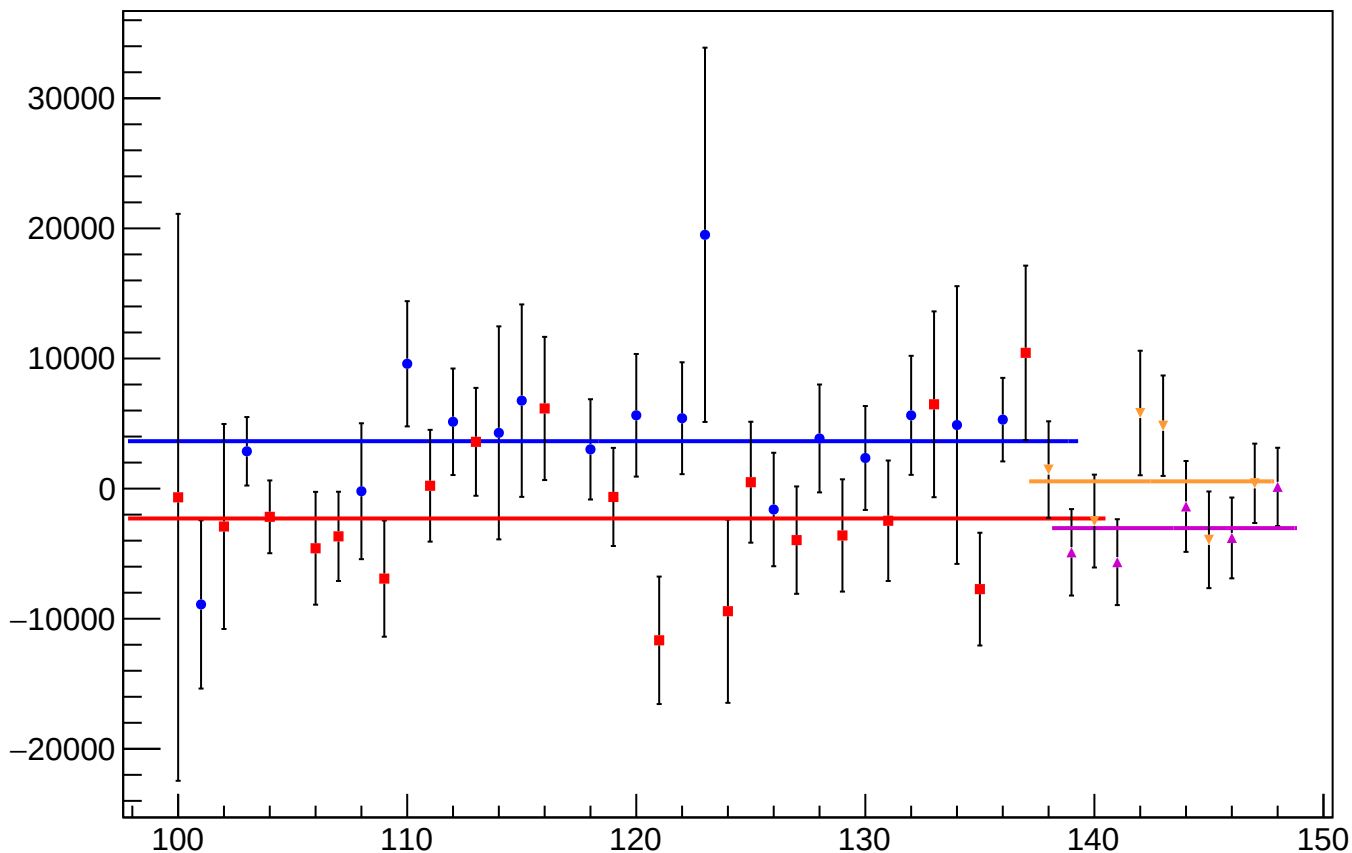
Left In: 2981.999+/-1.041 χ^2/NDF :17153.0/4

+ sign 2965.484+/-0.645 χ^2/NDF : 684831.9/22

All: 2947.350+/-0.450 χ^2/NDF : 877261.3/46

- sign 2930.243+/-0.627 χ^2/NDF : 190894.8/23

dit_asym_atr2_mean vs Slug



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

Left Out: 558.405 $\pm$ 1504.457 χ^2 /NDF:4.7/5

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

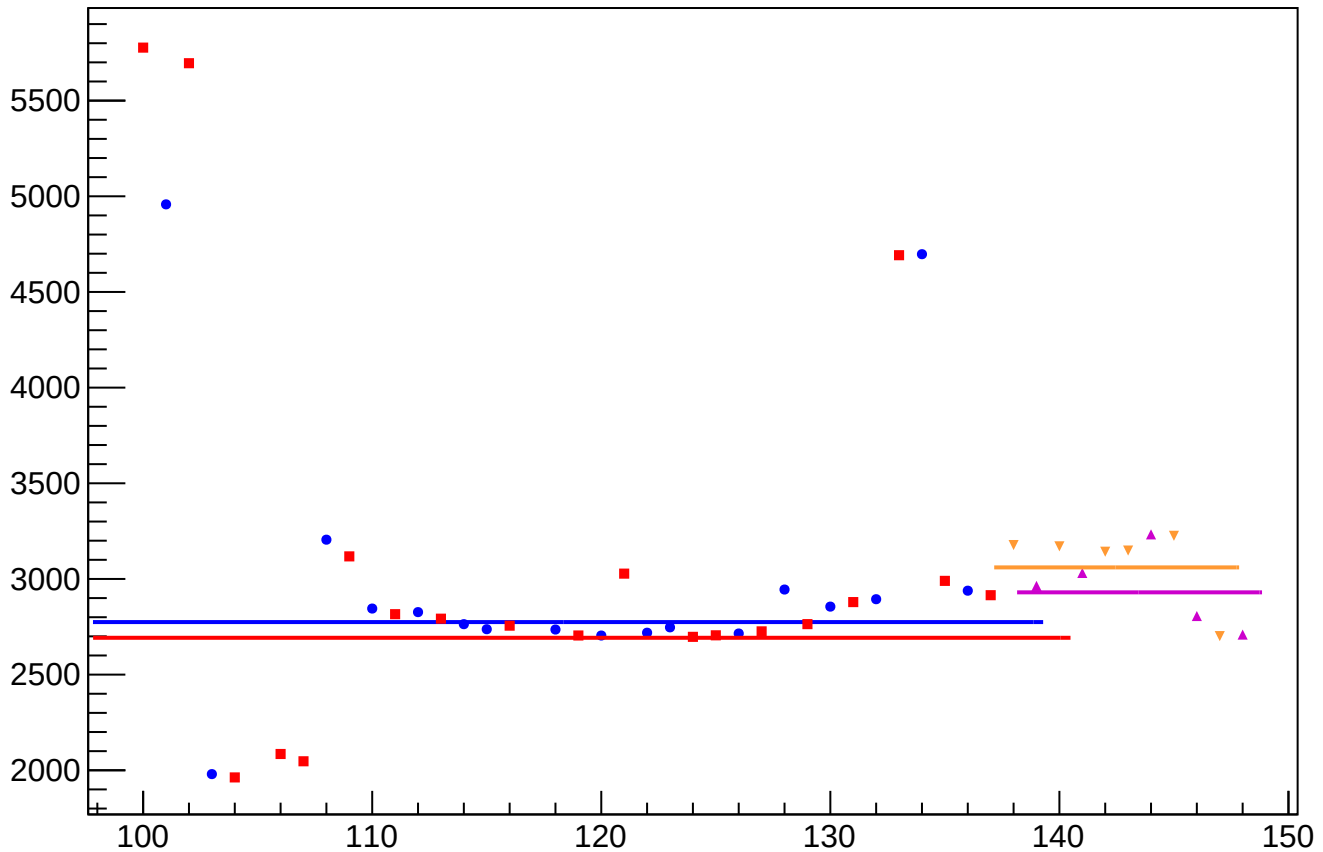
Left In: -3036.534 $\pm$ 1445.283 χ^2 /NDF:2.3/4

+ sign 2580.783 $\pm$ 883.468 χ^2 /NDF: 17.3/22

All: -90.582 $\pm$ 611.714 χ^2 /NDF: 55.8/46

- sign -2550.727 $\pm$ 847.822 χ^2 /NDF: 20.9/23

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

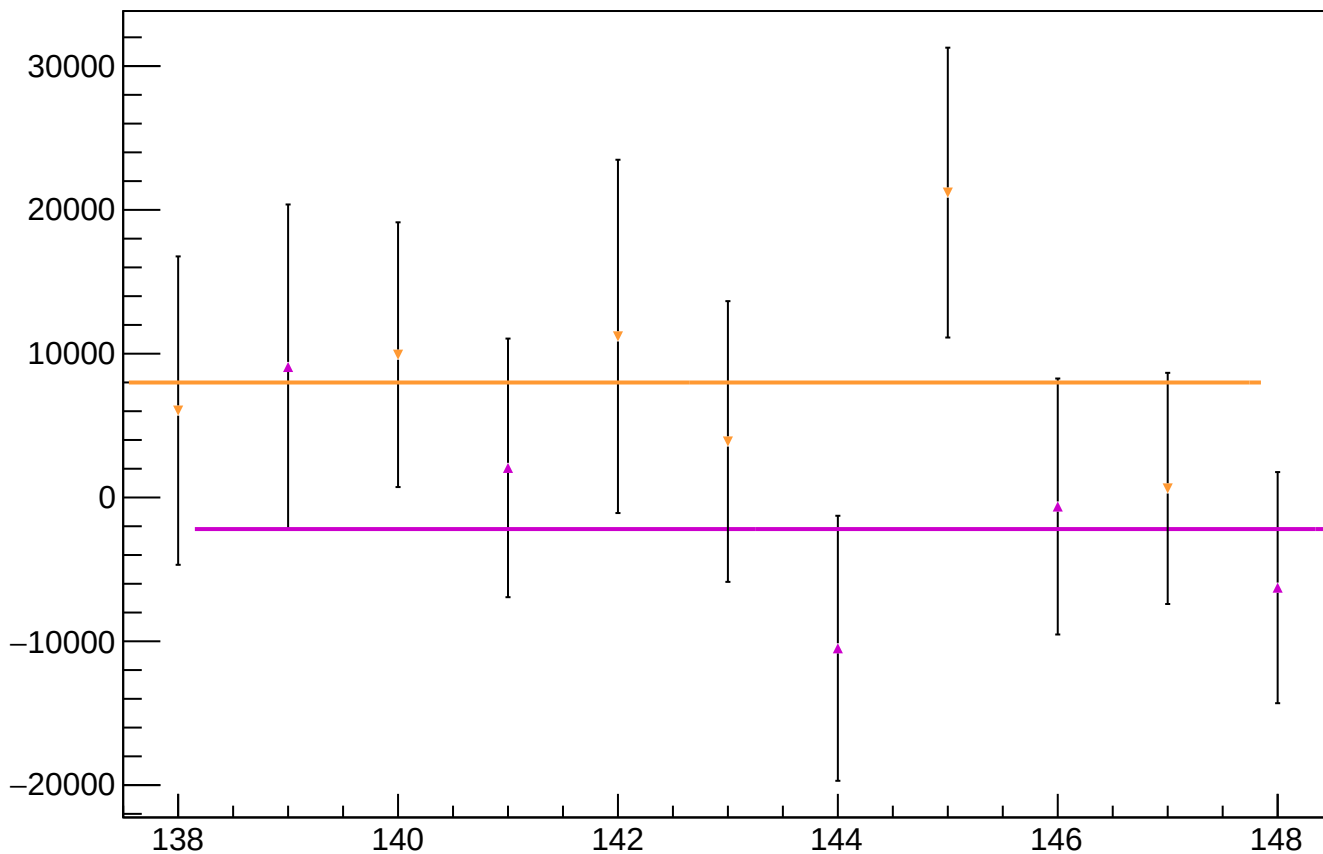
Left In: 2929.997 $\pm$ 1.022 χ^2 /NDF: 31115.6/4

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

All: 2821.632 $\pm$ 0.432 χ^2 /NDF: 1446012.2/46

- sign 2774.197 $\pm$ 0.599 χ^2 /NDF: 846809.6/23

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

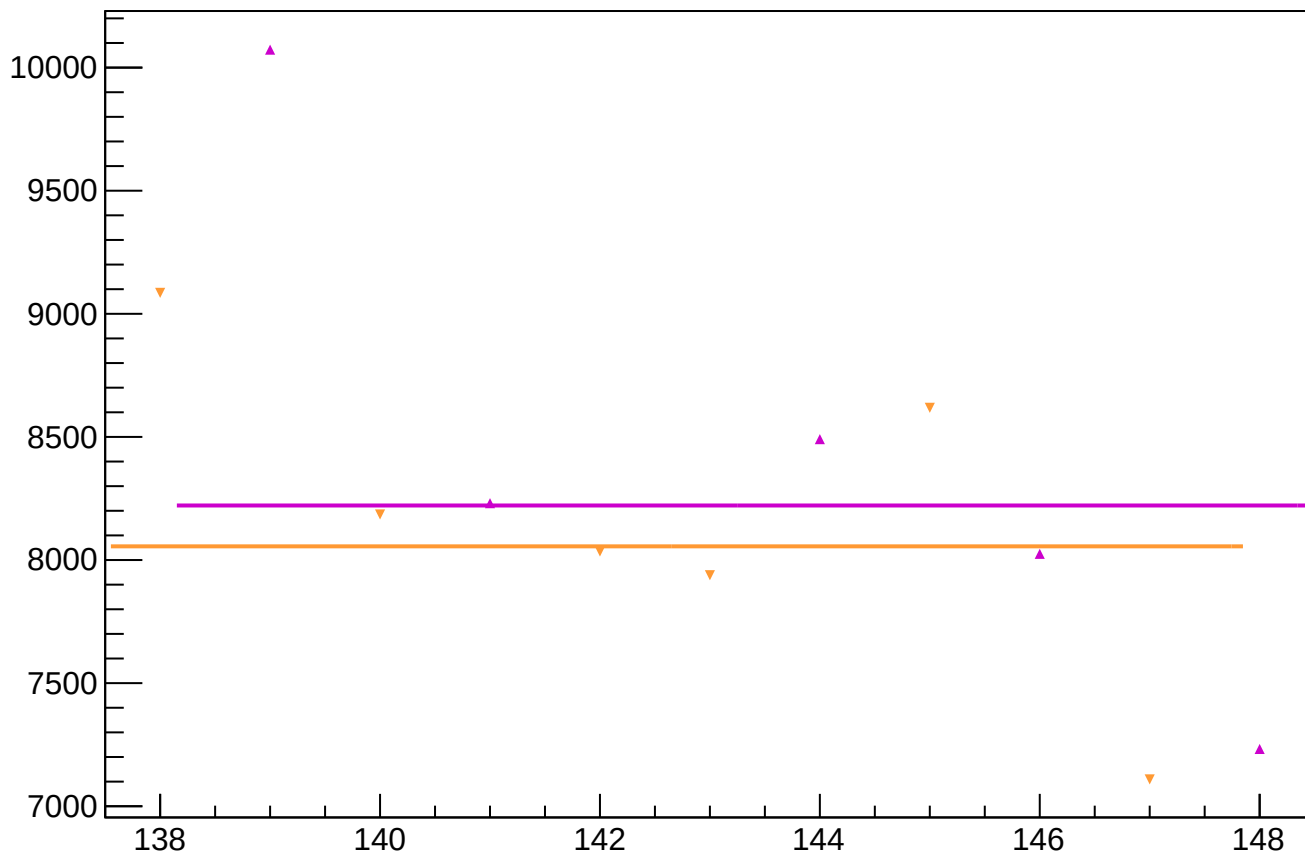
Left In: -2195.429+/-4079.546 χ^2/NDF : 2.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3019.022+/-2850.933 χ^2/NDF : 8.4/10

- 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

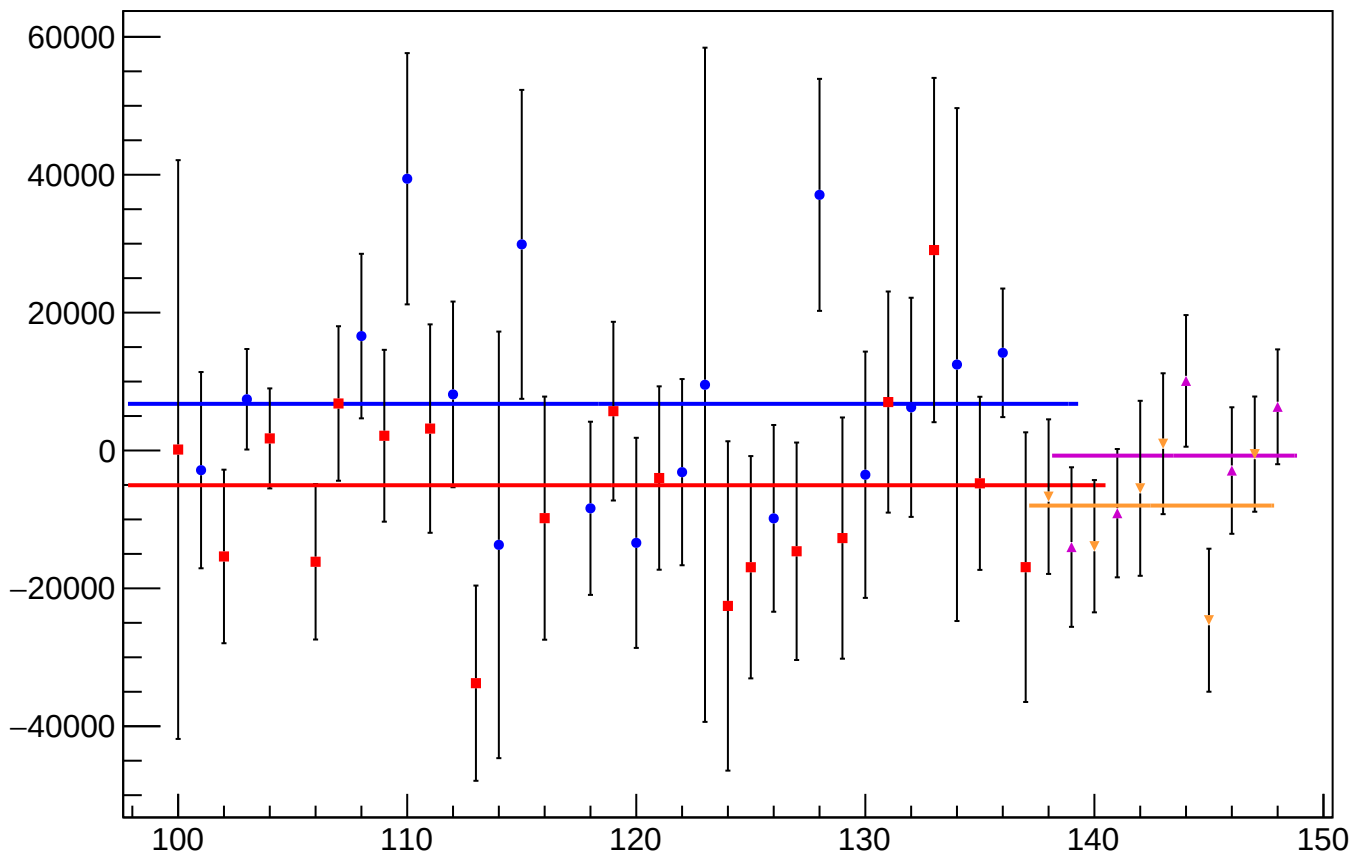
Left In: 8221.516+/-2.885 χ^2/NDF : 86662.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8136.608+/-2.016 χ^2/NDF : 141458.9/10

- 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

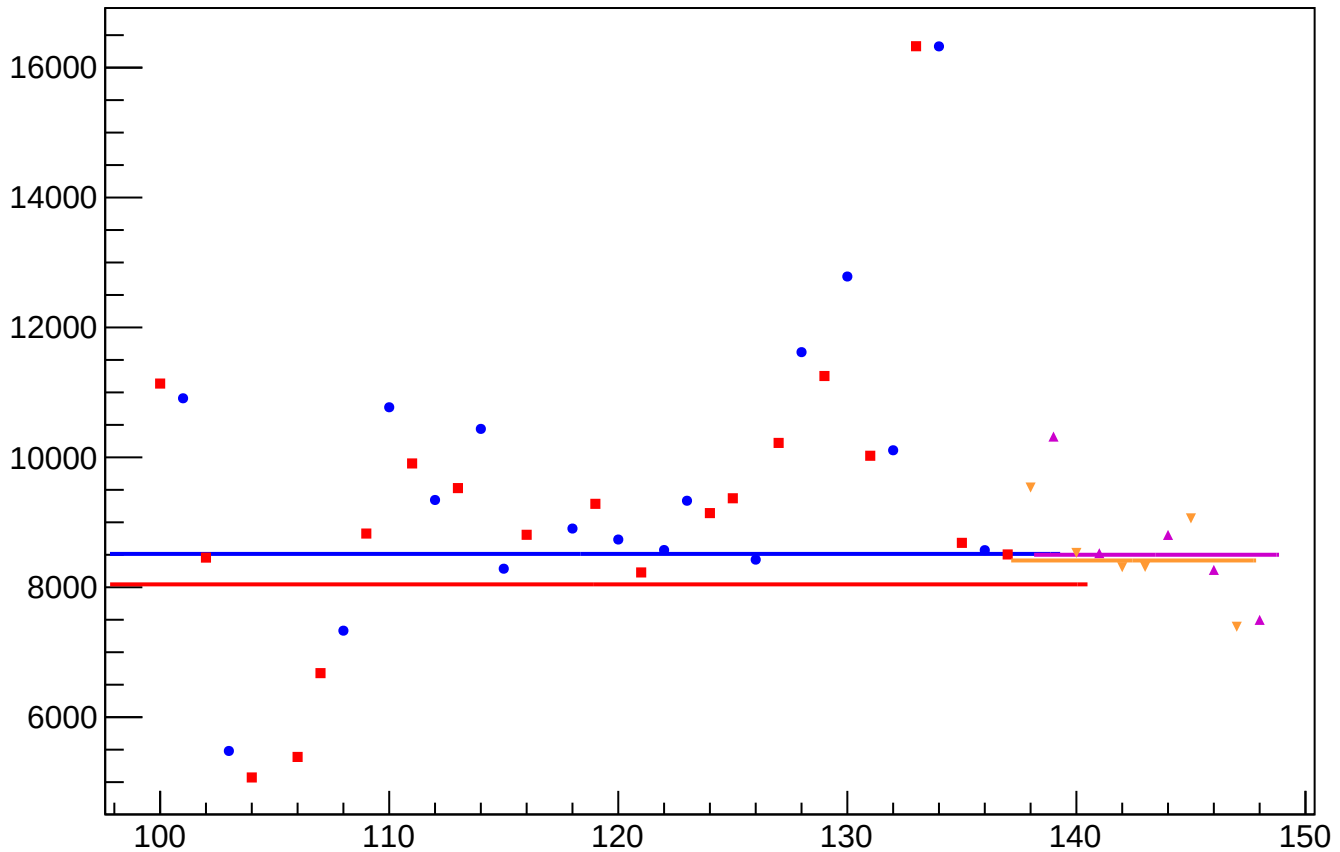
Left In: -746.100 $\pm$ 4215.923 χ^2 /NDF: 4.2/4

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

All: -1392.708 $\pm$ 1821.784 χ^2 /NDF: 47.4/46

- sign -3491.567 $\pm$ 2532.456 χ^2 /NDF: 18.5/23

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

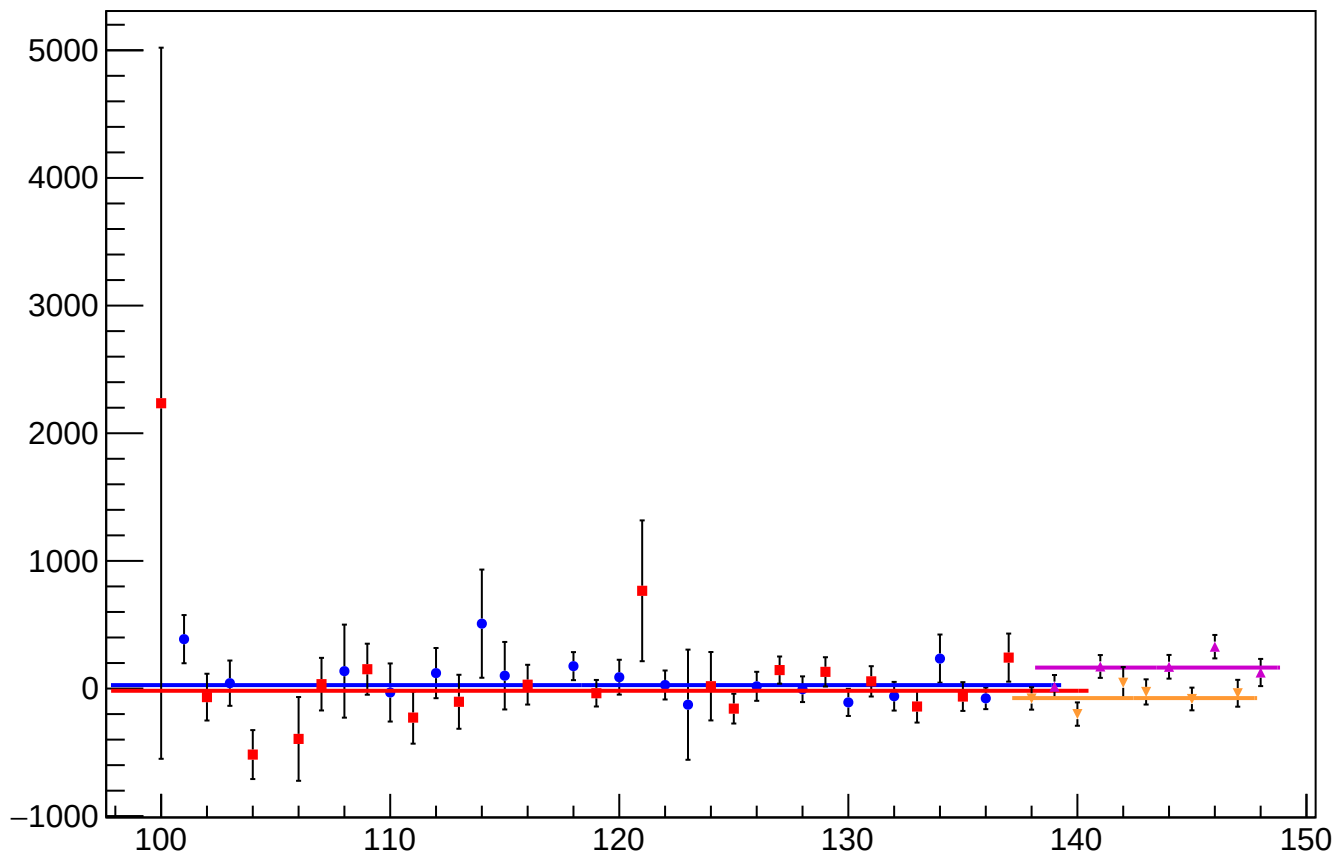
Left In: 8500.510+/-2.981 χ^2/NDF : 81735.3/4

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

All: 8336.573+/-1.288 χ^2/NDF : 1881095.8/46

- sign 8209.185+/-1.791 χ^2/NDF : 1048986.4/23

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

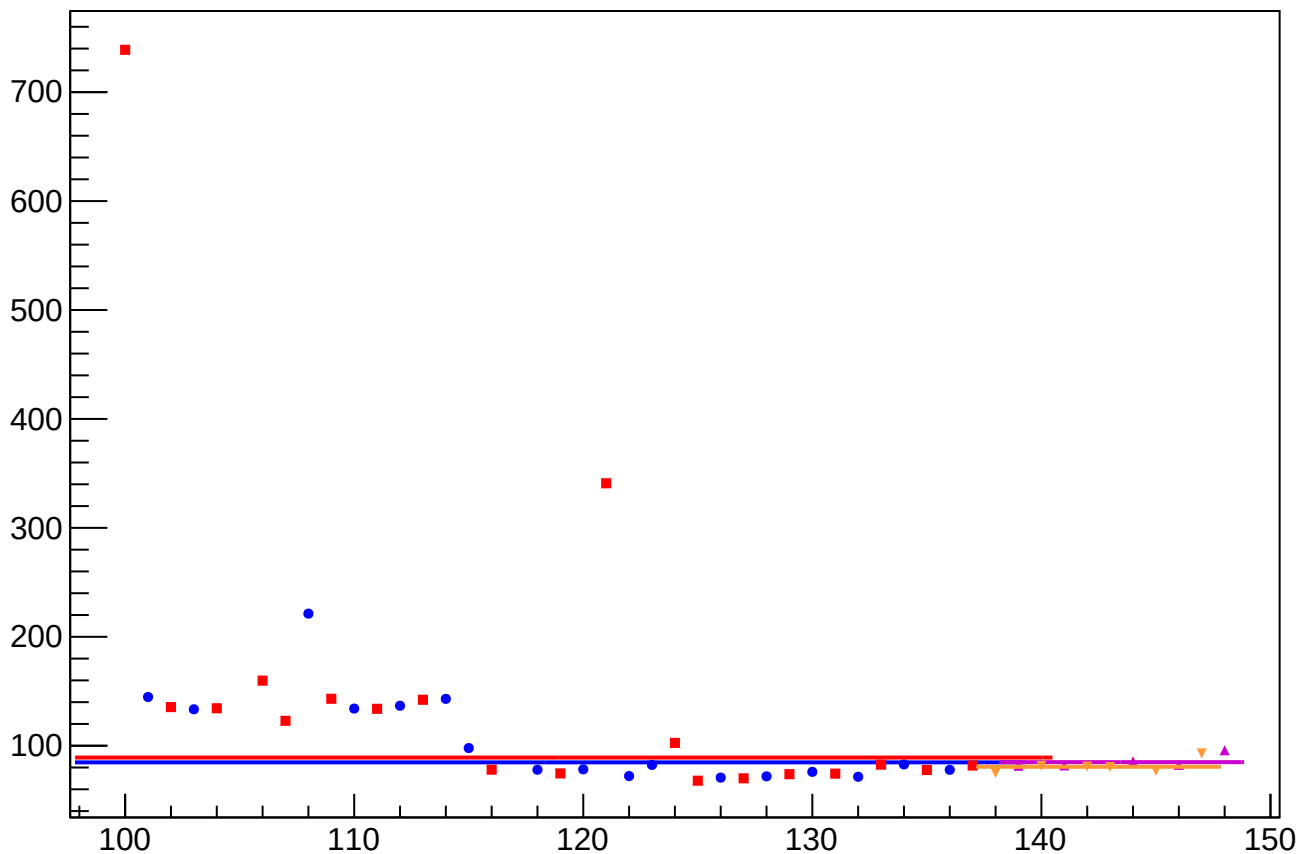
Left In: 164.278+/-41.973 χ^2/NDF : 6.0/4

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

All: 19.351+/-18.706 χ^2/NDF : 62.3/46

- sign 58.502+/-27.126 χ^2/NDF : 38.8/23

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

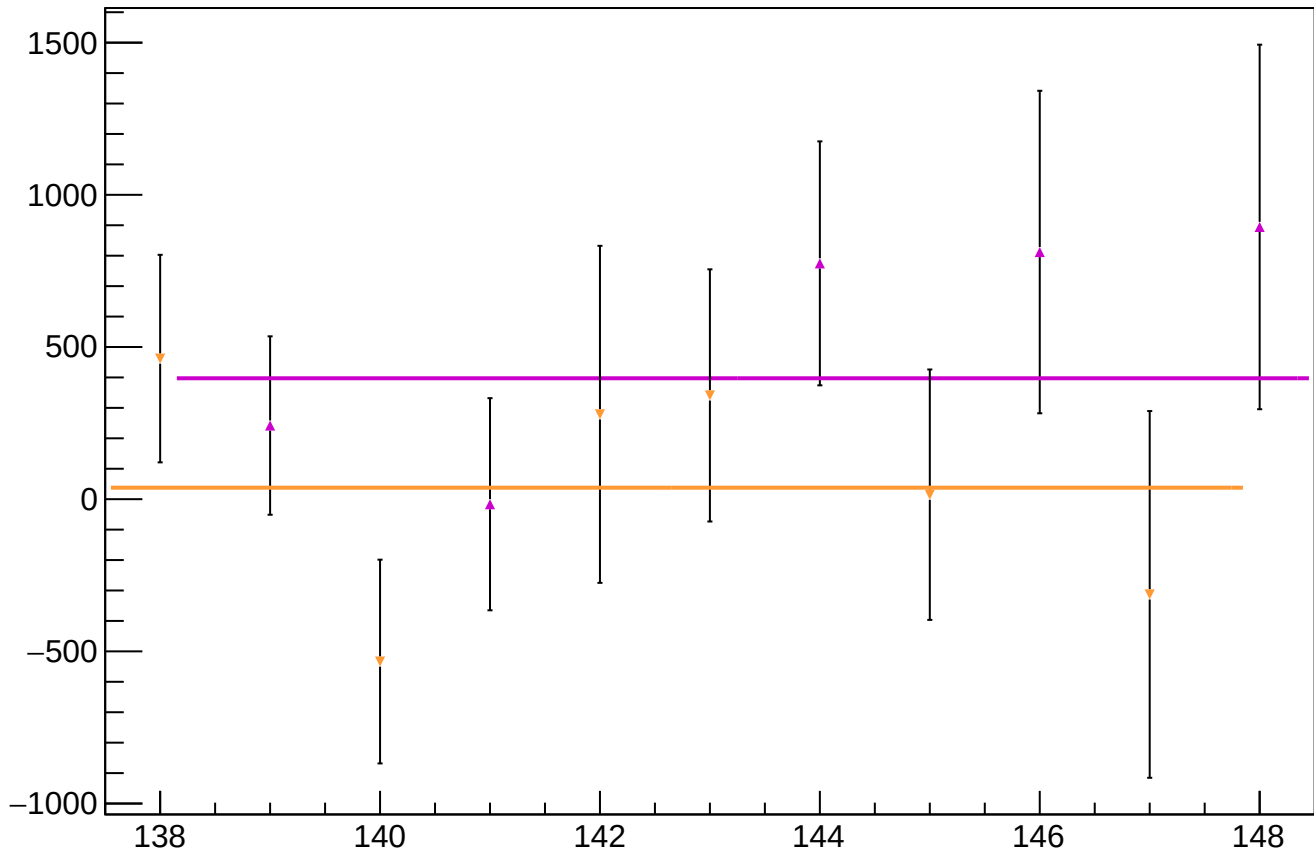
Left In: 84.932 $\pm$ 0.030 χ^2 /NDF: 27424.1/4

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

All: 85.092 $\pm$ 0.013 χ^2 /NDF: 2741326.2/46

- sign 87.384 $\pm$ 0.019 χ^2 /NDF: 1598419.1/23

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

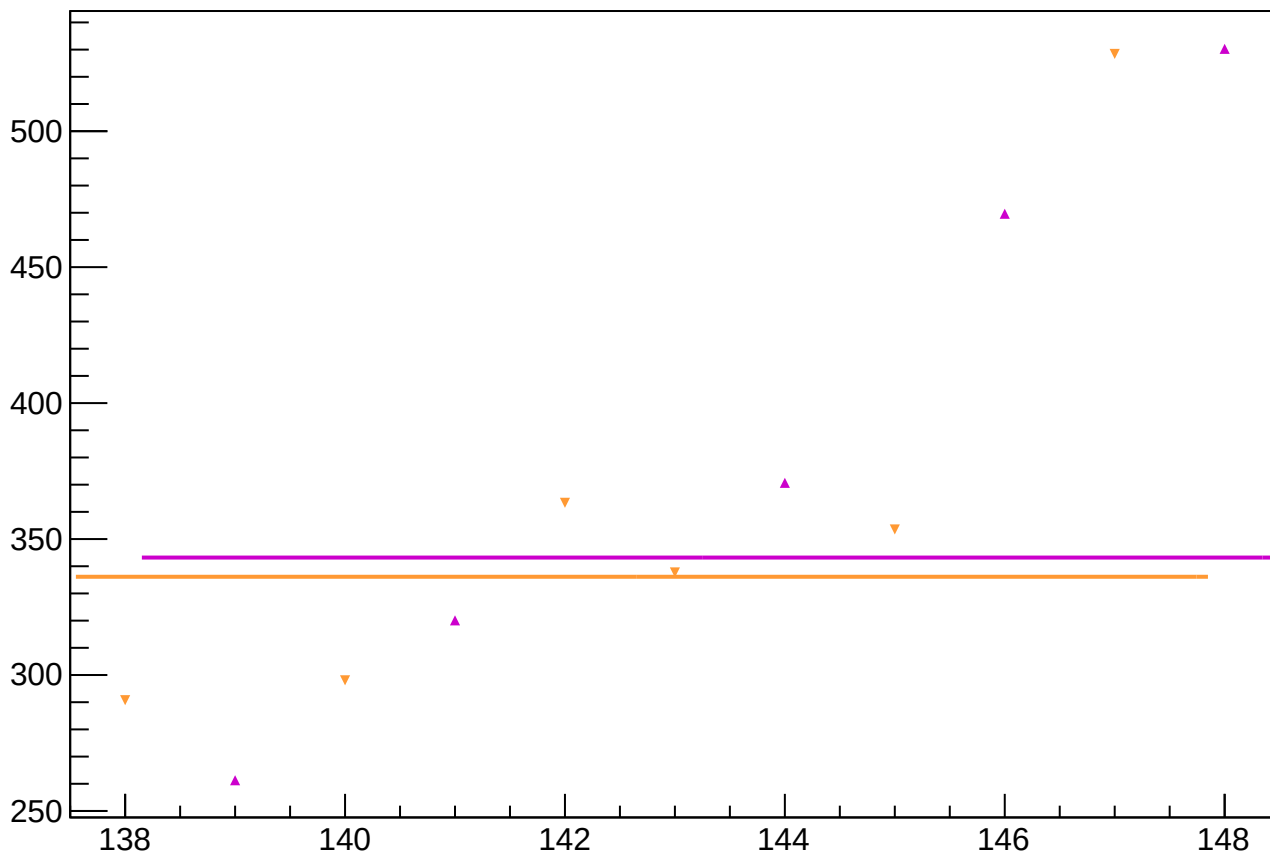
Left In: 397.256+/-175.553 χ^2/NDF : 3.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.999+/-121.510 χ^2/NDF : 11.6/10

- 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

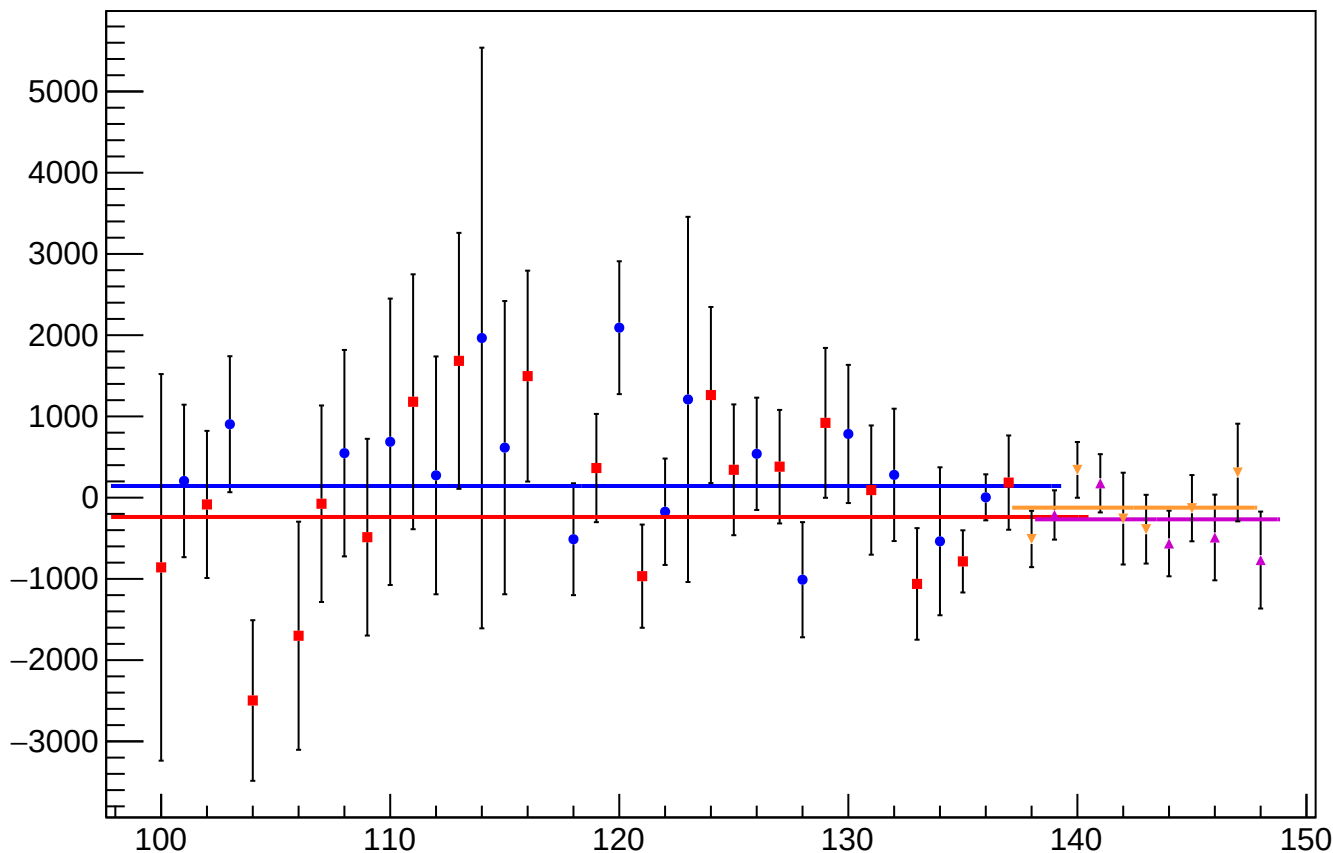
Left In: 343.195+/-0.124 χ^2/NDF : 483372.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.516+/-0.086 χ^2/NDF : 758539.0/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



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

Left Out: -123.151 $\pm$ 170.770 χ^2 /NDF: 4.0/5

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

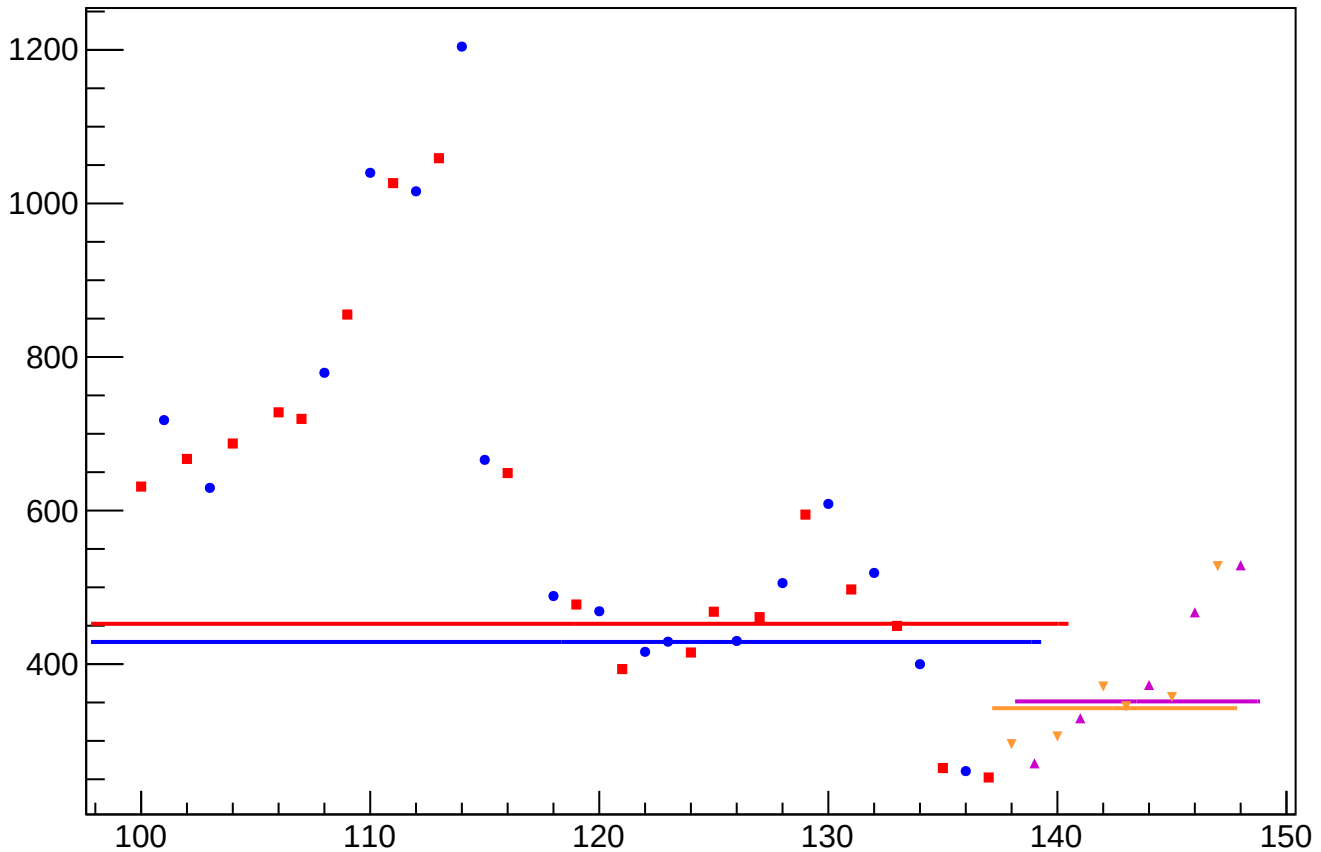
Left In: -266.846 $\pm$ 179.134 χ^2 /NDF: 3.0/4

+ sign 3.721 $\pm$ 123.638 χ^2 /NDF: 18.0/22

All: -119.705 $\pm$ 89.045 χ^2 /NDF: 44.7/46

- sign -252.722 $\pm$ 128.351 χ^2 /NDF: 24.7/23

asym_sam1_rms vs Slug



Right In: 428.856 $\pm$ 0.127 χ^2 /NDF: 2012329.6/16

Left Out: 342.580 $\pm$ 0.121 χ^2 /NDF:256598.6/5

Right Out: 452.517 $\pm$ 0.130 χ^2 /NDF: 2039238.5/18

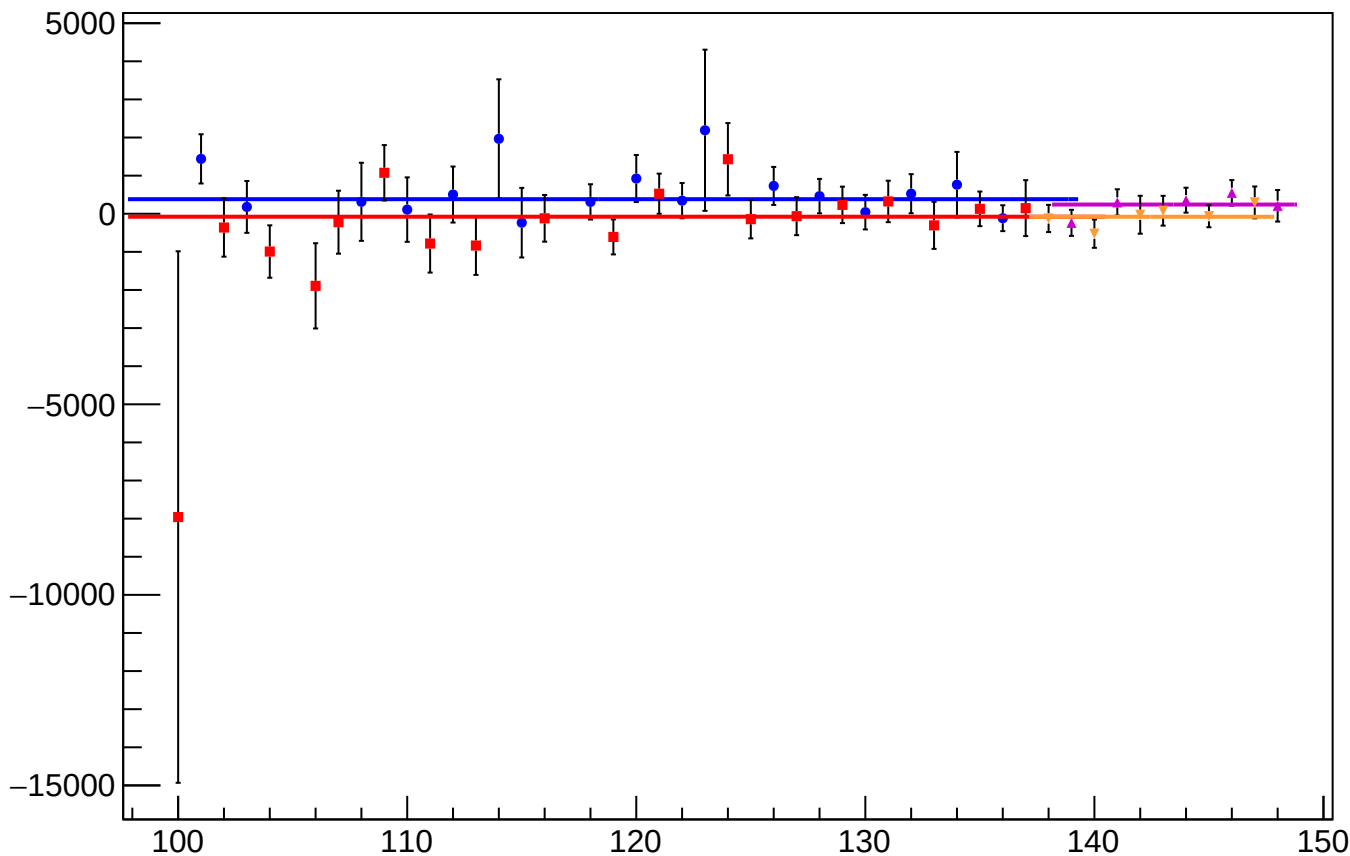
Left In: 351.400 $\pm$ 0.127 χ^2 /NDF:427650.9/4

+ sign 383.632 $\pm$ 0.087 χ^2 /NDF: 2511829.5/22

All: 391.801 $\pm$ 0.063 χ^2 /NDF: 5306967.6/46

- sign 400.605 $\pm$ 0.091 χ^2 /NDF: 2776996.9/23

dit_asym_sam2_mean vs Slug



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

Left Out: -78.626 $\pm$ 151.926 χ^2 /NDF: 2.4/5

Right Out: -77.490 $\pm$ 143.469 χ^2 /NDF: 16.8/18

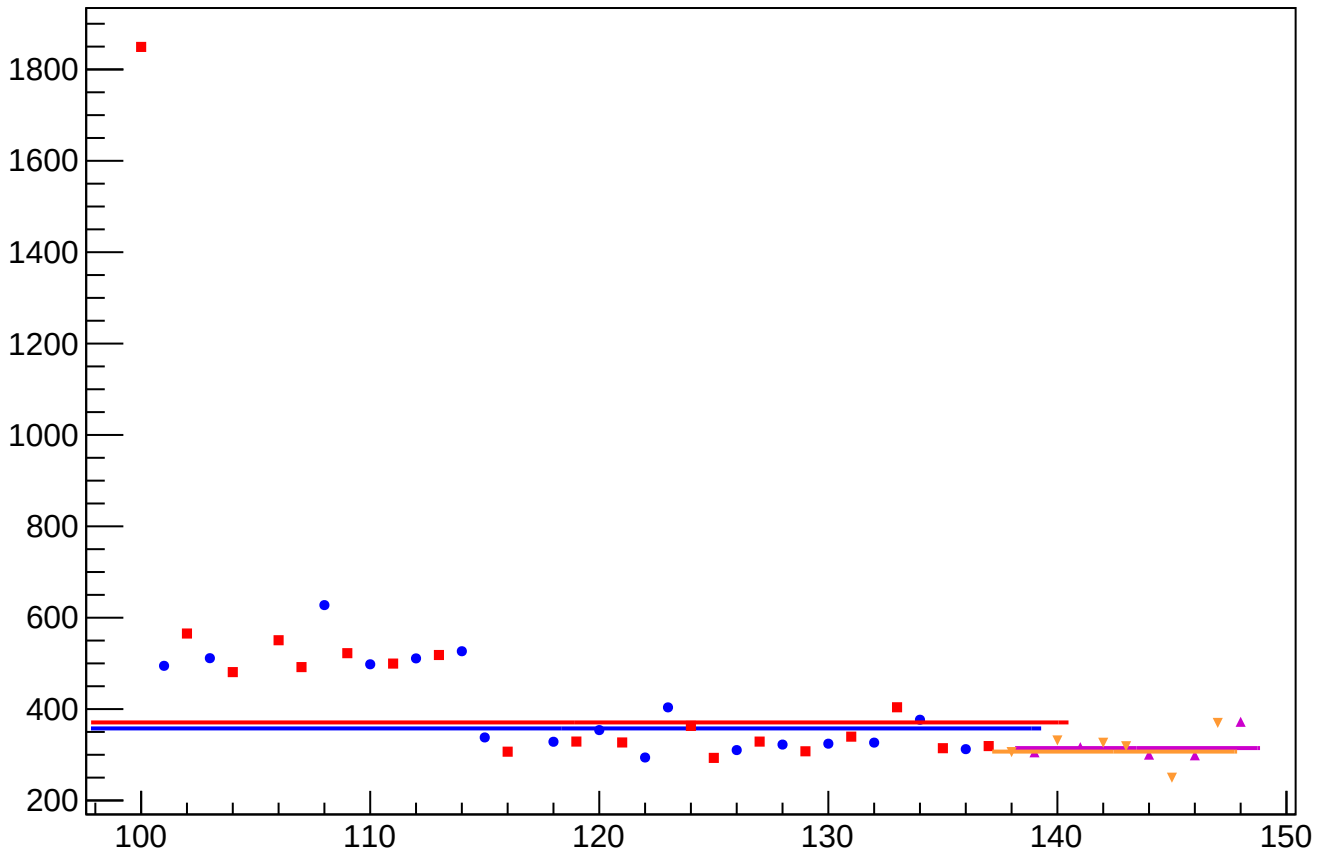
Left In: 241.377 $\pm$ 156.069 χ^2 /NDF: 3.0/4

+ sign 168.475 $\pm$ 103.425 χ^2 /NDF: 16.8/22

All: 119.564 $\pm$ 73.897 χ^2 /NDF: 39.2/46

- sign 68.554 $\pm$ 105.622 χ^2 /NDF: 22.0/23

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

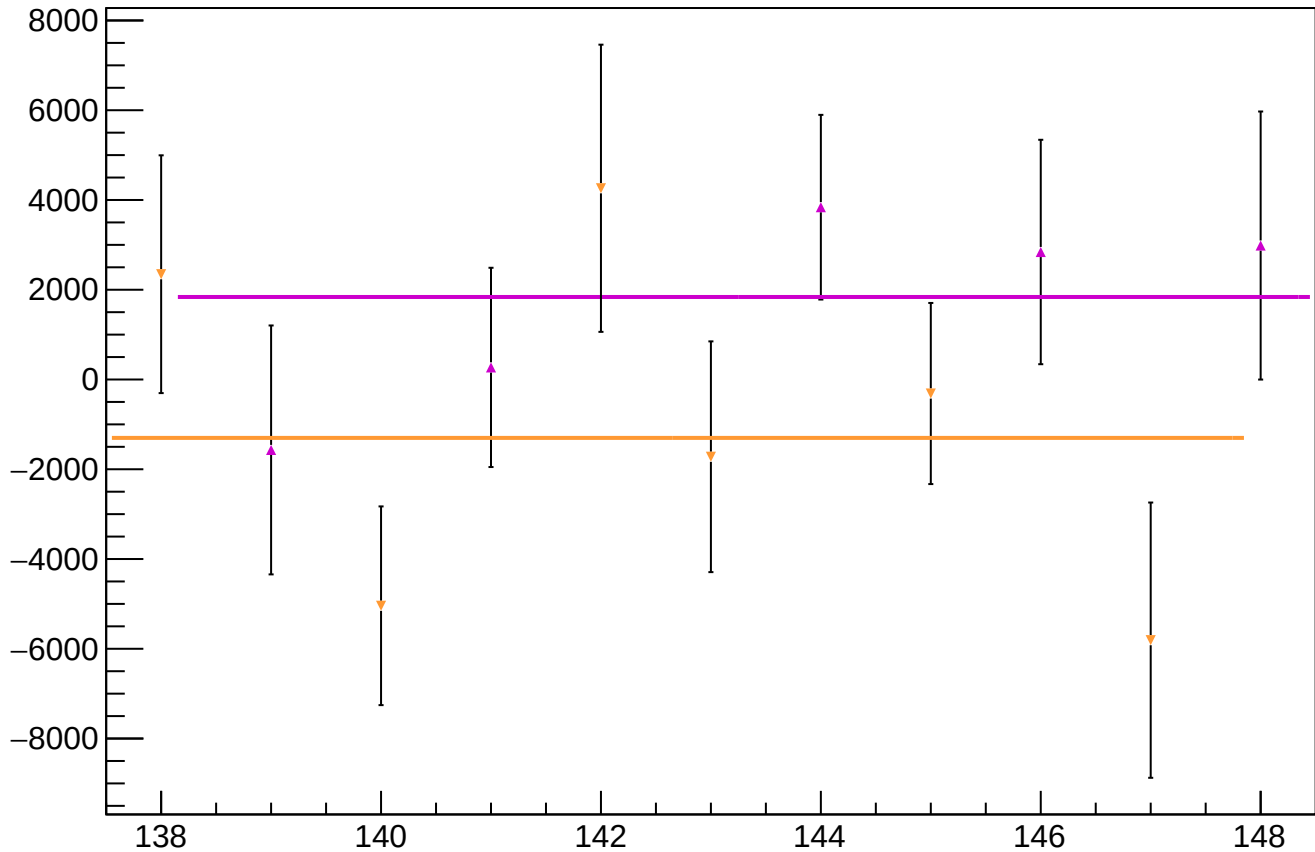
Left In: 314.647+/-0.110 χ^2/NDF : 48518.5/4

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

All: 339.509+/-0.052 χ^2/NDF : 1870118.6/46

- sign 345.078+/-0.075 χ^2/NDF : 973599.4/23

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

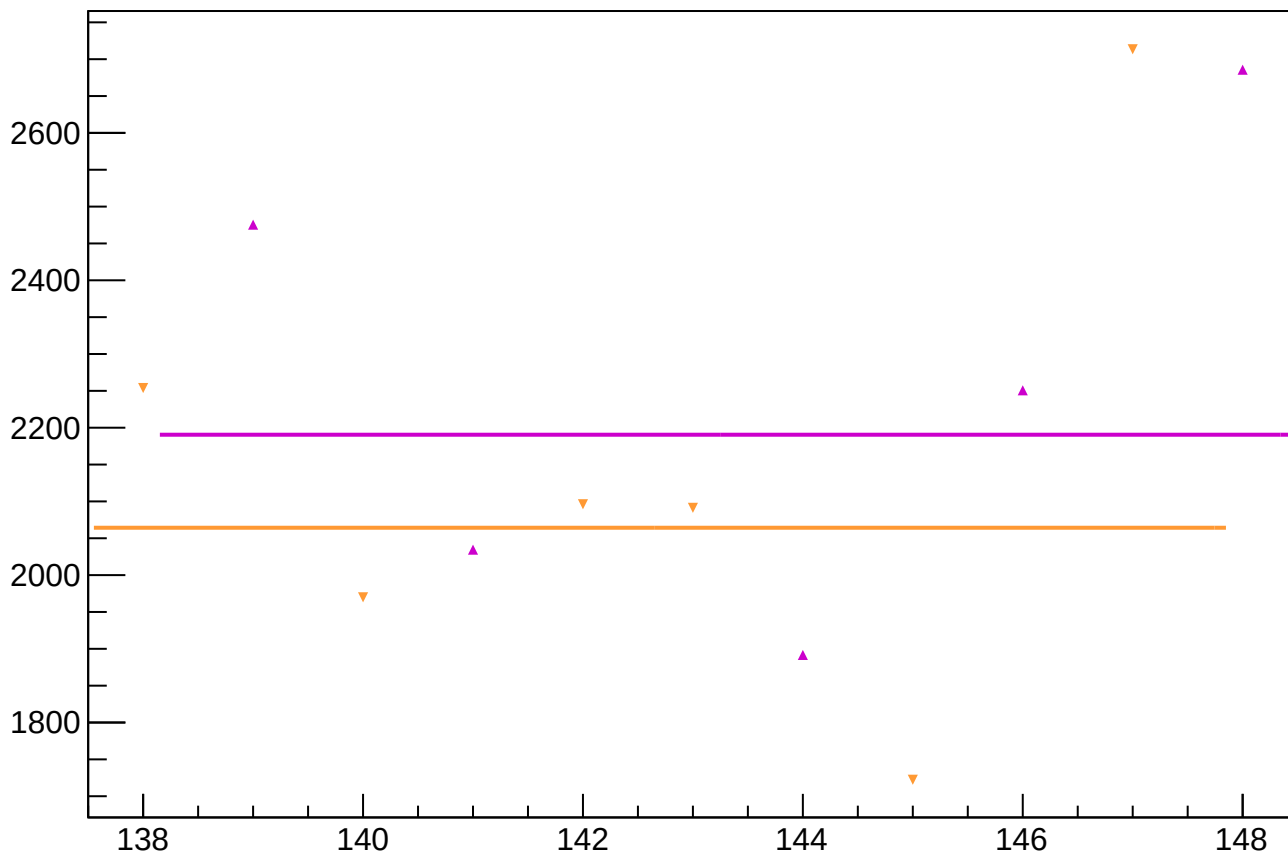
Left In: 1838.767+/-1090.229 χ^2/NDF : 3.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.623+/-747.691 χ^2/NDF : 17.9/10

- 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

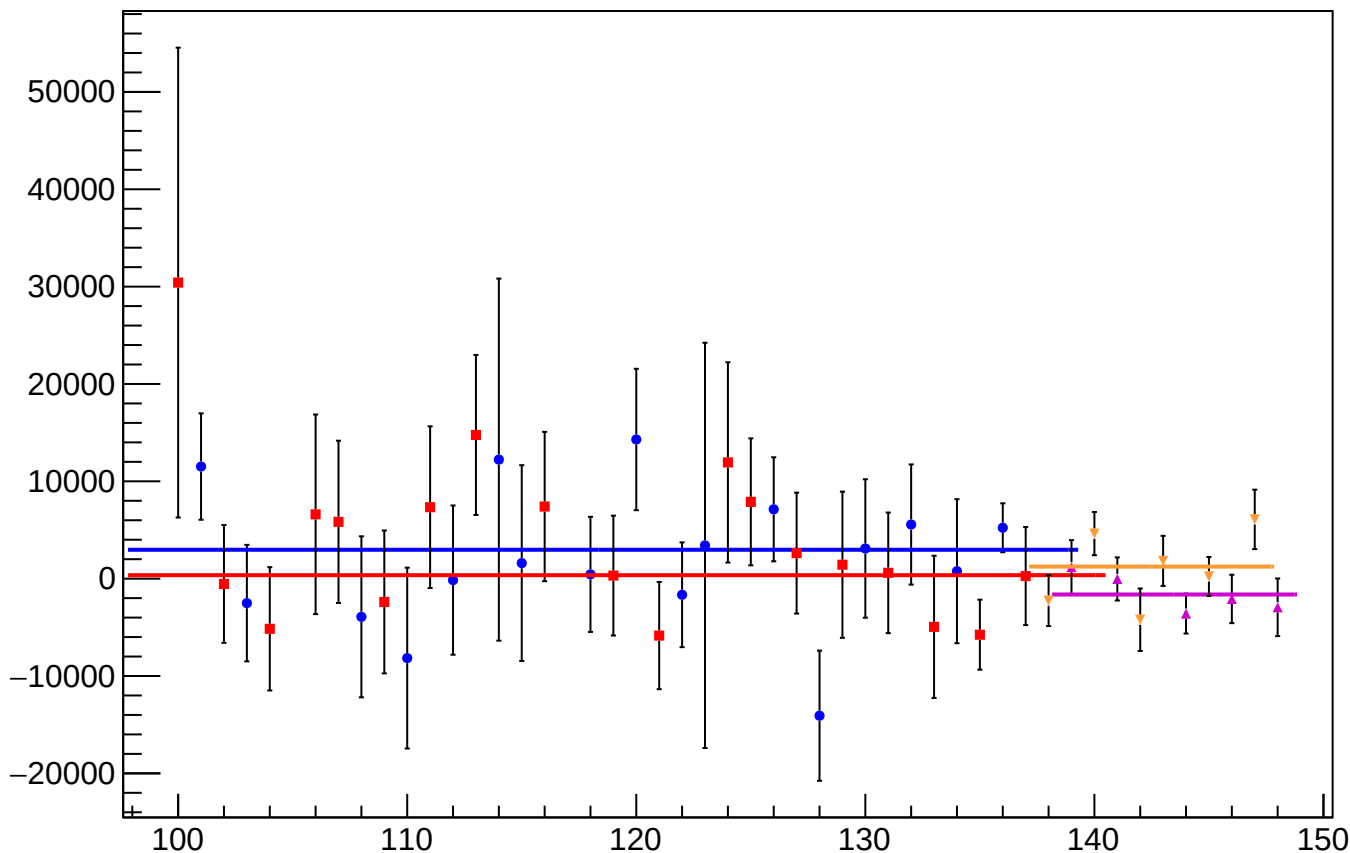
Left In: 2190.480+/-0.771 χ^2/NDF : 129340.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2123.633+/-0.529 χ^2/NDF : 304878.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



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

Left Out: 1240.620 $\pm$ 1023.336 χ^2 /NDF: 9.8/5

Right Out: 358.685 $\pm$ 1507.064 χ^2 /NDF: 15.3/18

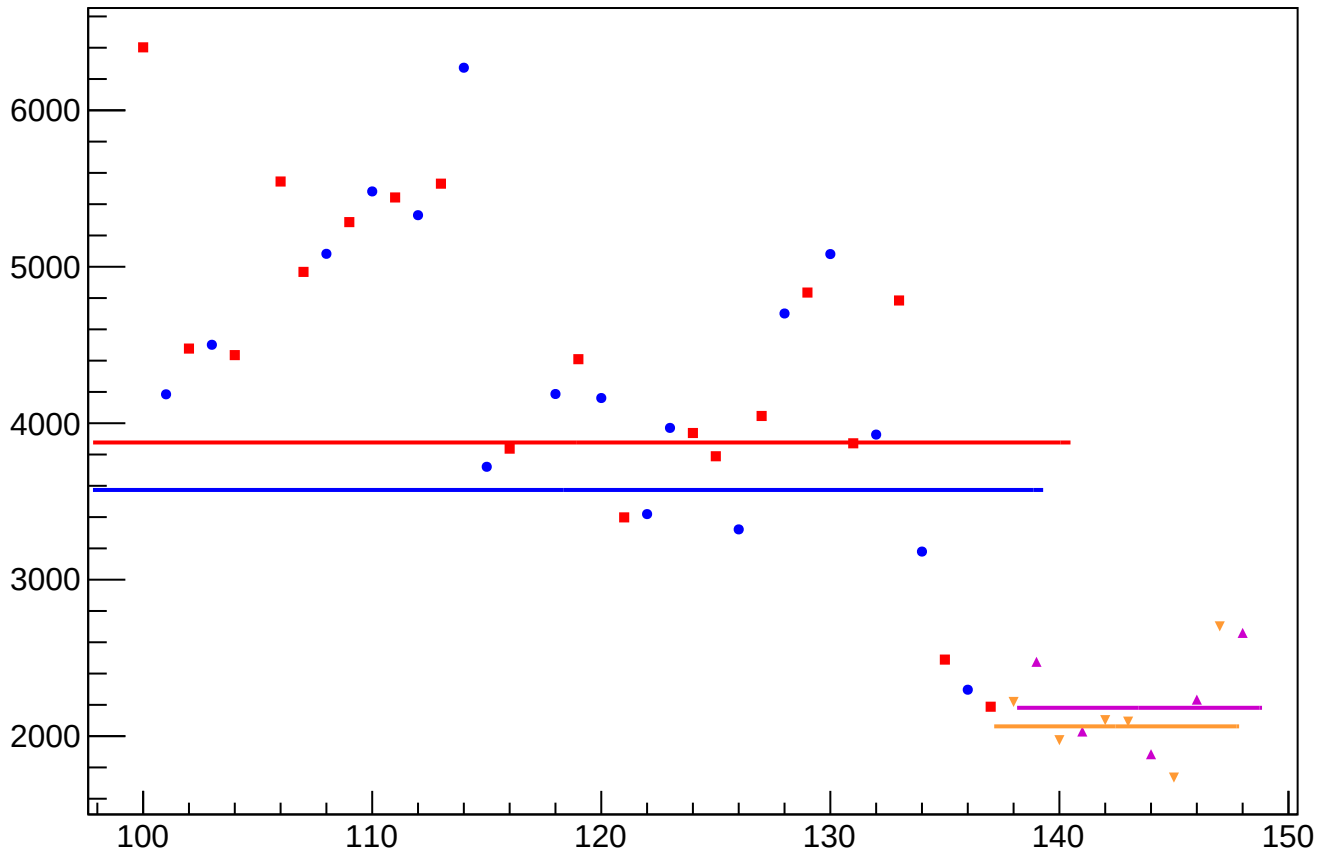
Left In: -1625.818 $\pm$ 1086.089 χ^2 /NDF: 2.7/4

+ sign 1820.372 $\pm$ 834.250 χ^2 /NDF: 28.2/22

All: 512.028 $\pm$ 605.796 χ^2 /NDF: 52.6/46

- sign -947.460 $\pm$ 881.121 χ^2 /NDF: 19.2/23

asym_sam2_rms vs Slug



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

Left Out: 2062.477+/-0.724 χ^2/NDF : 152153.4/5

Right Out: 3876.914+/-1.066 χ^2/NDF : 988409.8/18

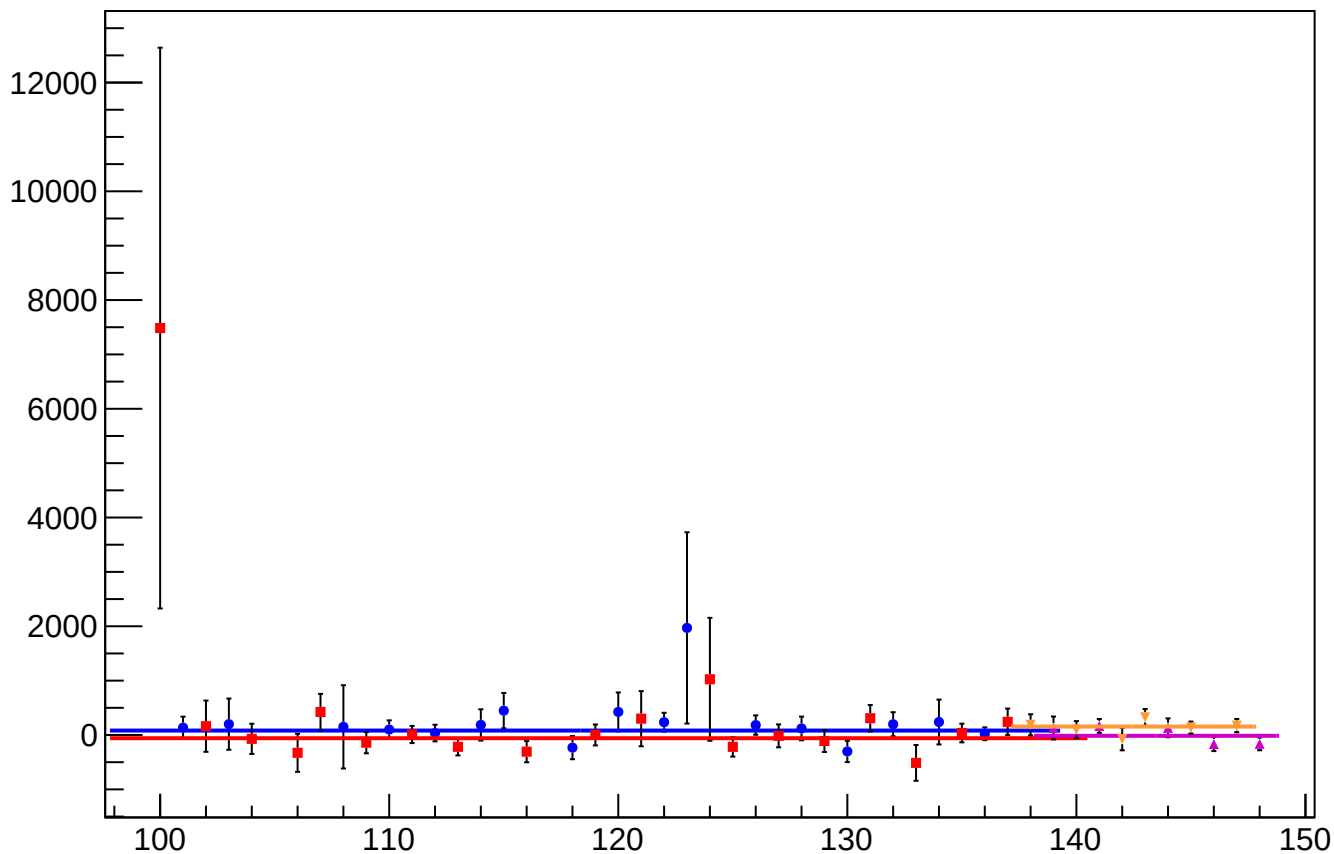
Left In: 2181.155+/-0.768 χ^2/NDF : 126921.7/4

+ sign 2569.274+/-0.590 χ^2/NDF : 2703367.9/22

All: 2659.814+/-0.428 χ^2/NDF : 5535144.5/46

- sign 2760.812+/-0.623 χ^2/NDF : 2781941.9/23

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

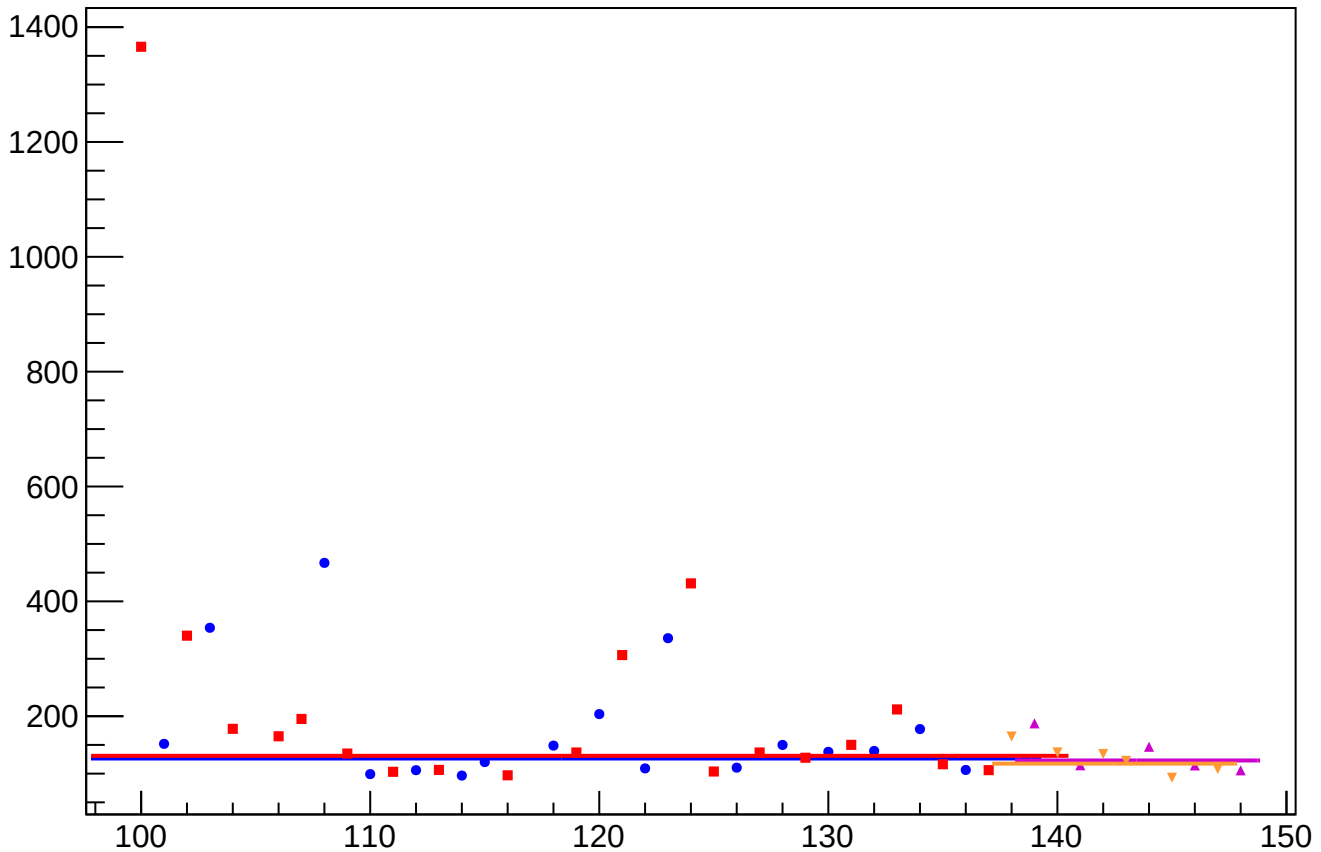
Left In: -14.804+/-63.608 χ^2/NDF : 6.1/4

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

All: 39.607+/-28.244 χ^2/NDF : 45.3/46

- sign -40.828+/-40.793 χ^2/NDF : 22.8/23

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

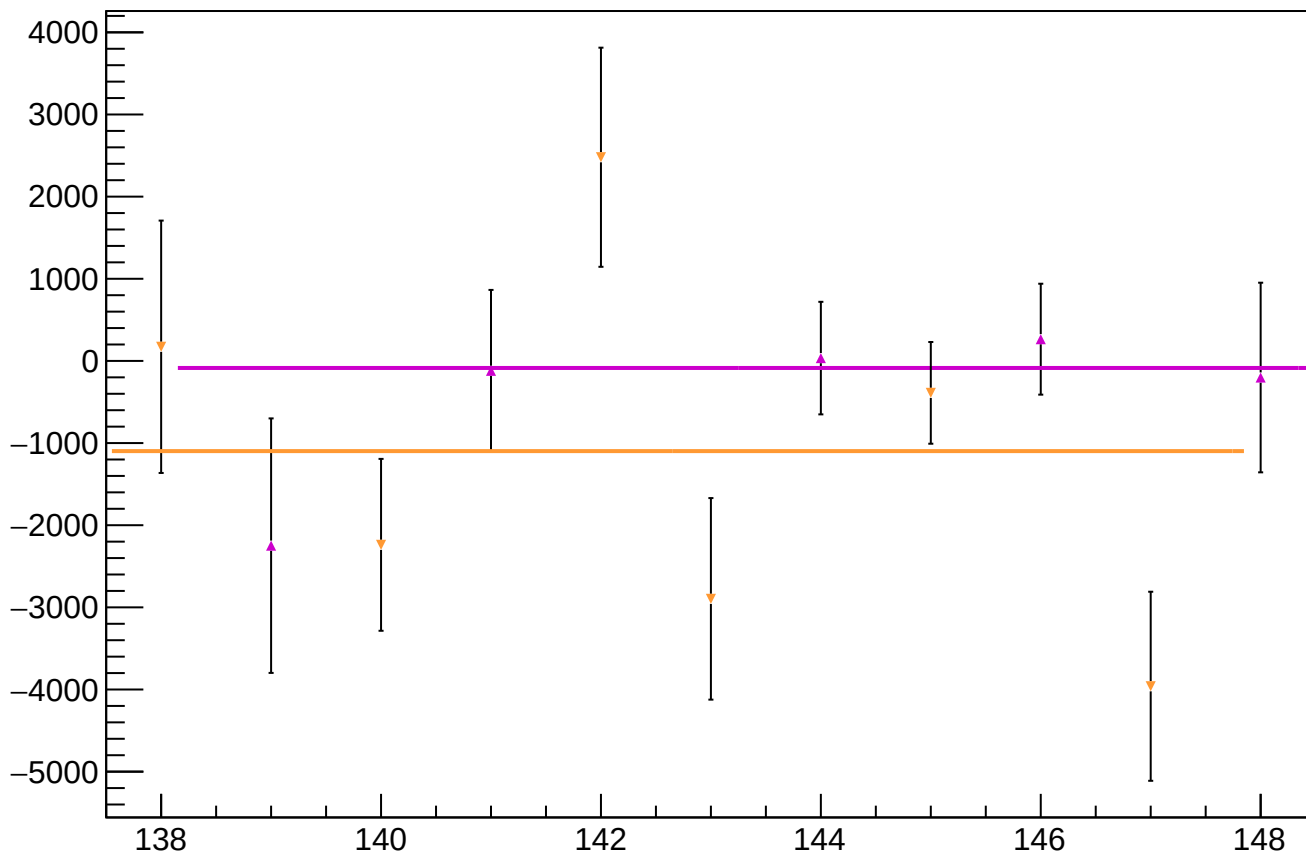
Left In: 122.904 $\pm$ 0.045 χ^2 /NDF: 284196.2/4

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

All: 124.972 $\pm$ 0.020 χ^2 /NDF: 3360400.1/46

- sign 127.674 $\pm$ 0.029 χ^2 /NDF: 1732565.6/23

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

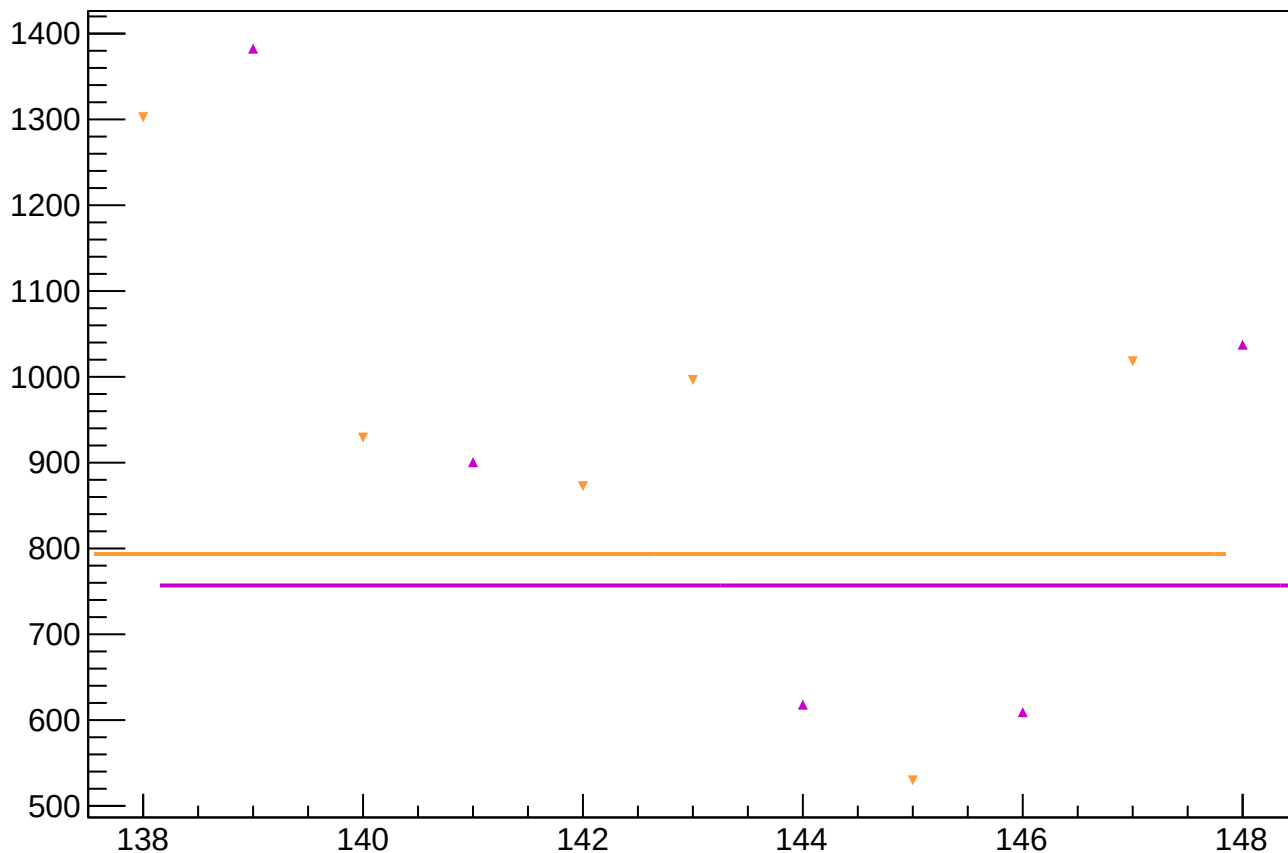
Left In: -85.719+/-391.536 χ^2/NDF : 2.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -567.603+/-283.400 χ^2/NDF : 24.2/10

- 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

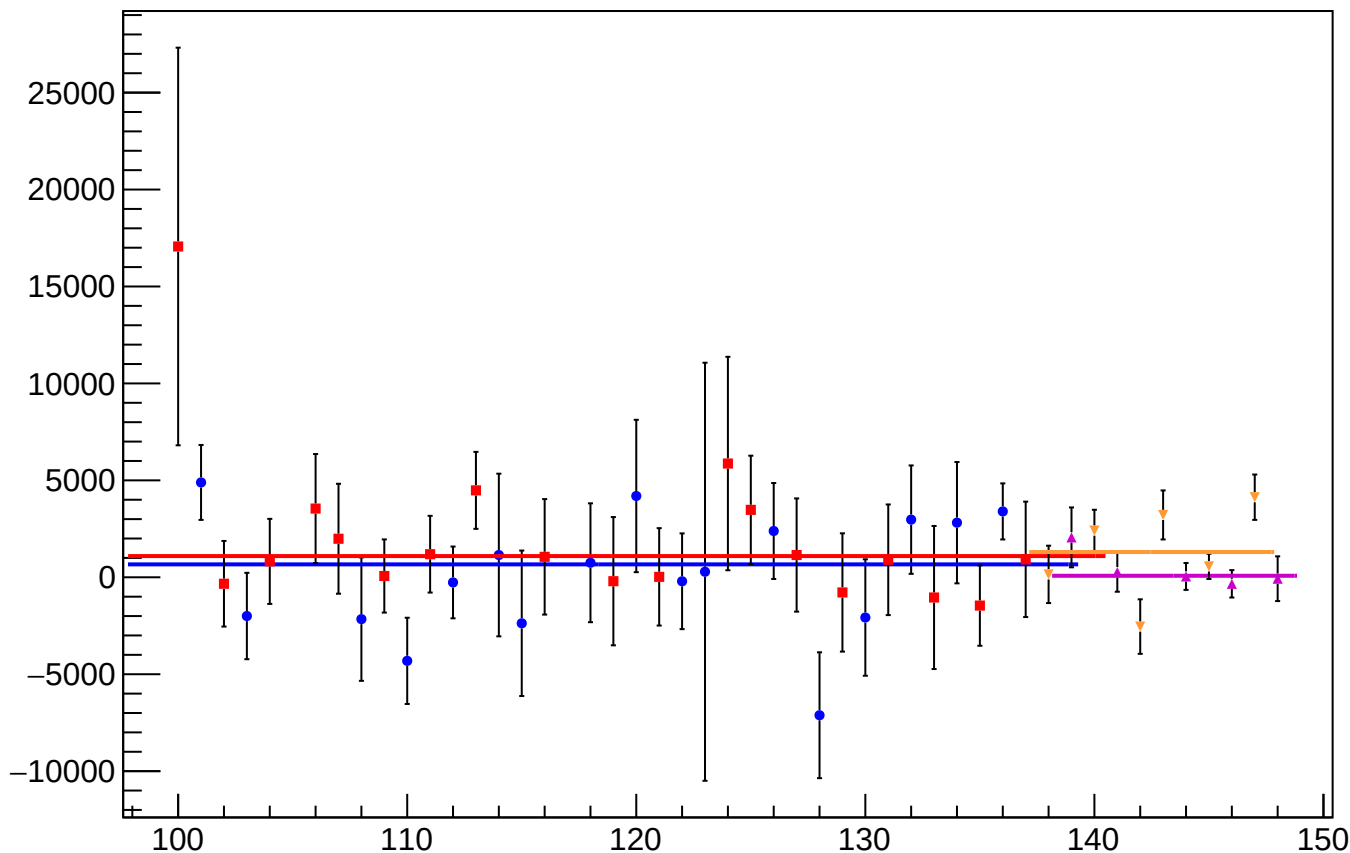
Left In: 756.881+/-0.277 χ^2/NDF : 664742.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.328+/-0.200 χ^2/NDF : 1427255.9/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug



Right In: 666.453 ± 618.839 $\chi^2/\text{NDF}: 25.6/16$

Left Out: 1303.799 ± 424.295 $\chi^2/\text{NDF}: 18.6/5$

Right Out: 1094.278 ± 602.639 $\chi^2/\text{NDF}: 11.0/18$

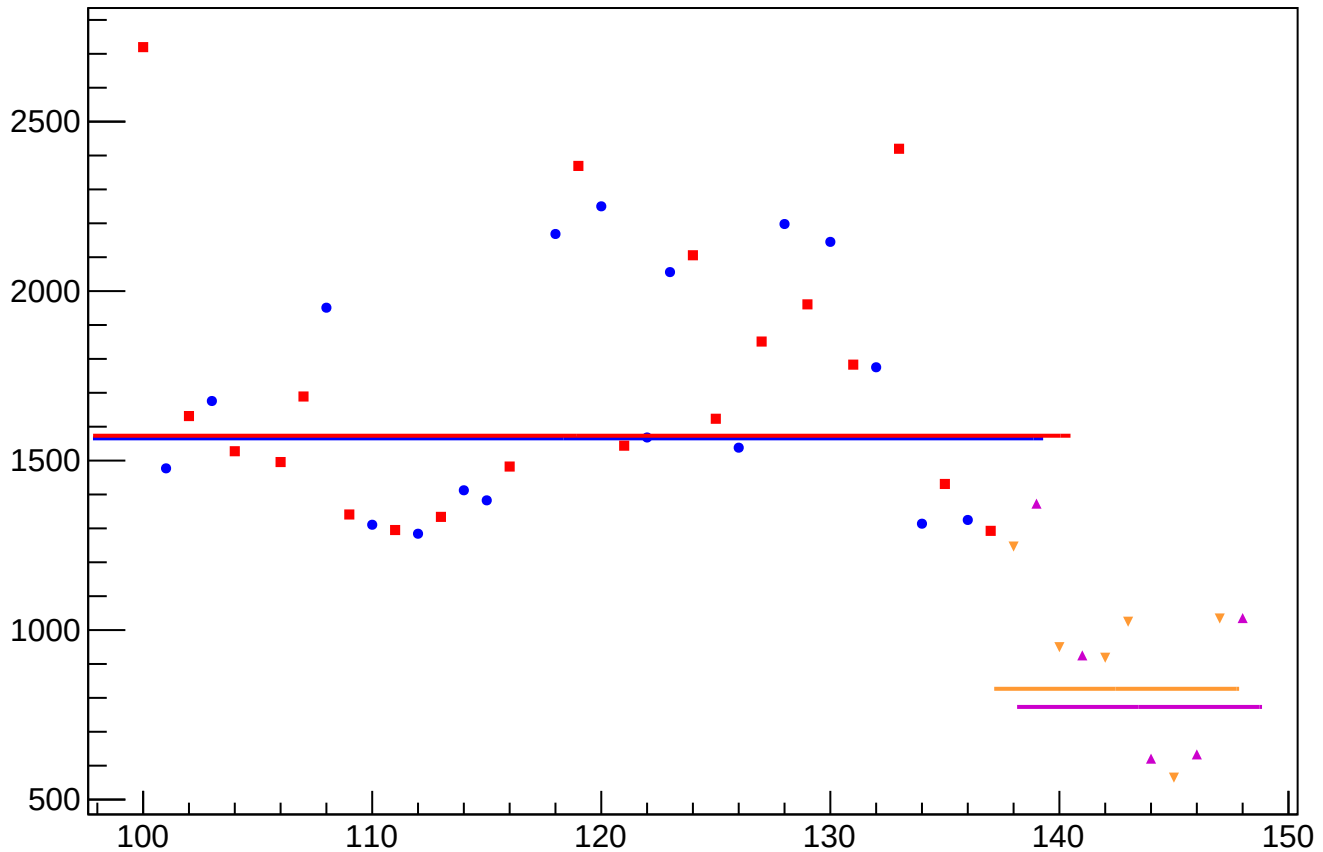
Left In: 78.757 ± 400.963 $\chi^2/\text{NDF}: 2.0/4$

+ sign 1099.996 ± 349.942 $\chi^2/\text{NDF}: 45.0/22$

All: 728.465 ± 241.547 $\chi^2/\text{NDF}: 62.1/46$

- sign 390.368 ± 333.825 $\chi^2/\text{NDF}: 15.0/23$

asym_sam3_rms vs Slug



Right In: 1565.623+/-0.438 χ^2/NDF : 490790.2/16

Left Out: 826.779+/-0.300 χ^2/NDF : 632473.2/5

Right Out: 1573.366+/-0.426 χ^2/NDF : 462040.3/18

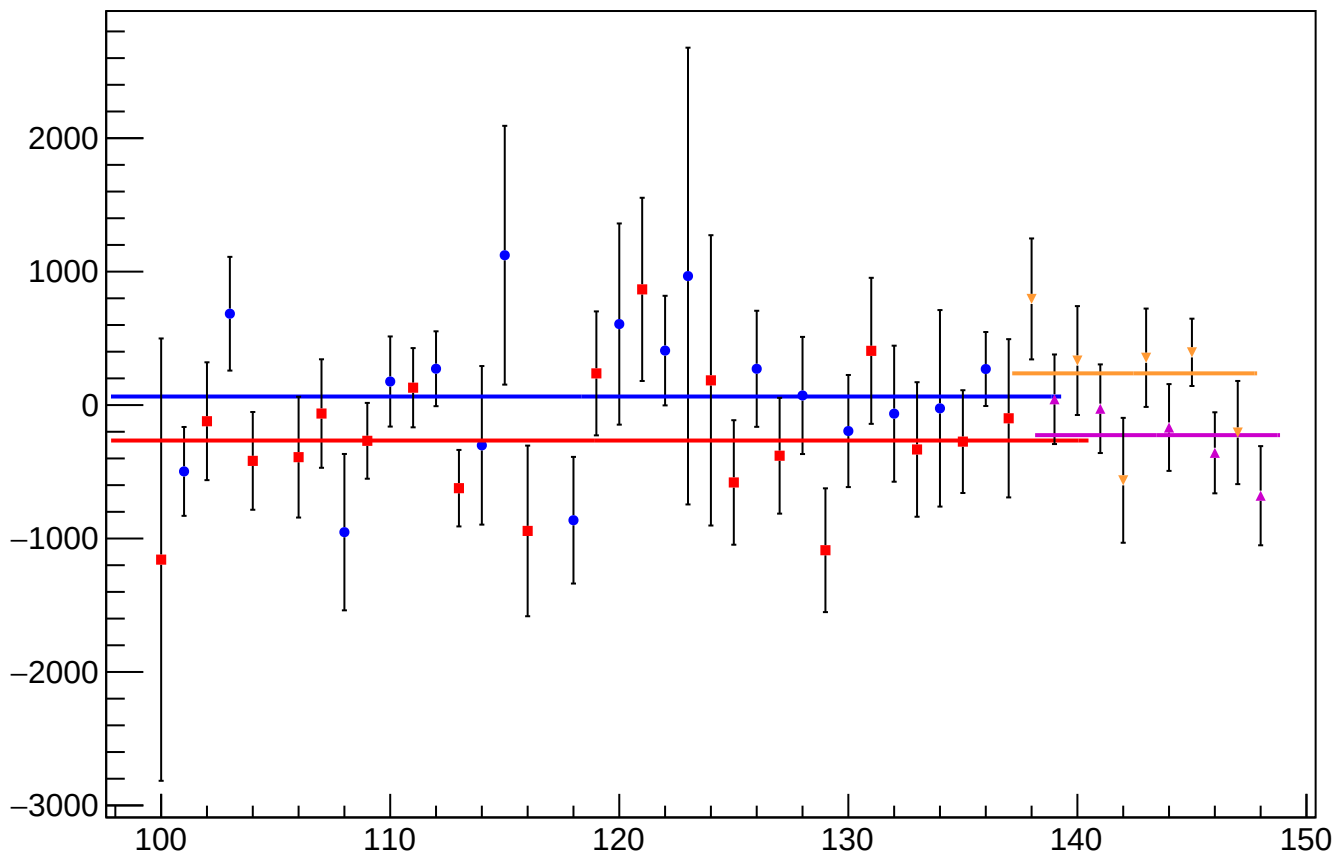
Left In: 773.284+/-0.284 χ^2/NDF : 625196.3/4

+ sign 1063.038+/-0.247 χ^2/NDF : 3062525.7/22

All: 1039.870+/-0.171 χ^2/NDF : 6610008.1/46

- sign 1018.787+/-0.236 χ^2/NDF : 3530738.8/23

dit_asym_sam4_mean vs Slug



Right In: 64.087 ± 105.336 $\chi^2/\text{NDF}: 16.8/16$

Left Out: 237.684 ± 148.707 $\chi^2/\text{NDF}: 6.3/5$

Right Out: -265.661 ± 99.379 $\chi^2/\text{NDF}: 14.7/18$

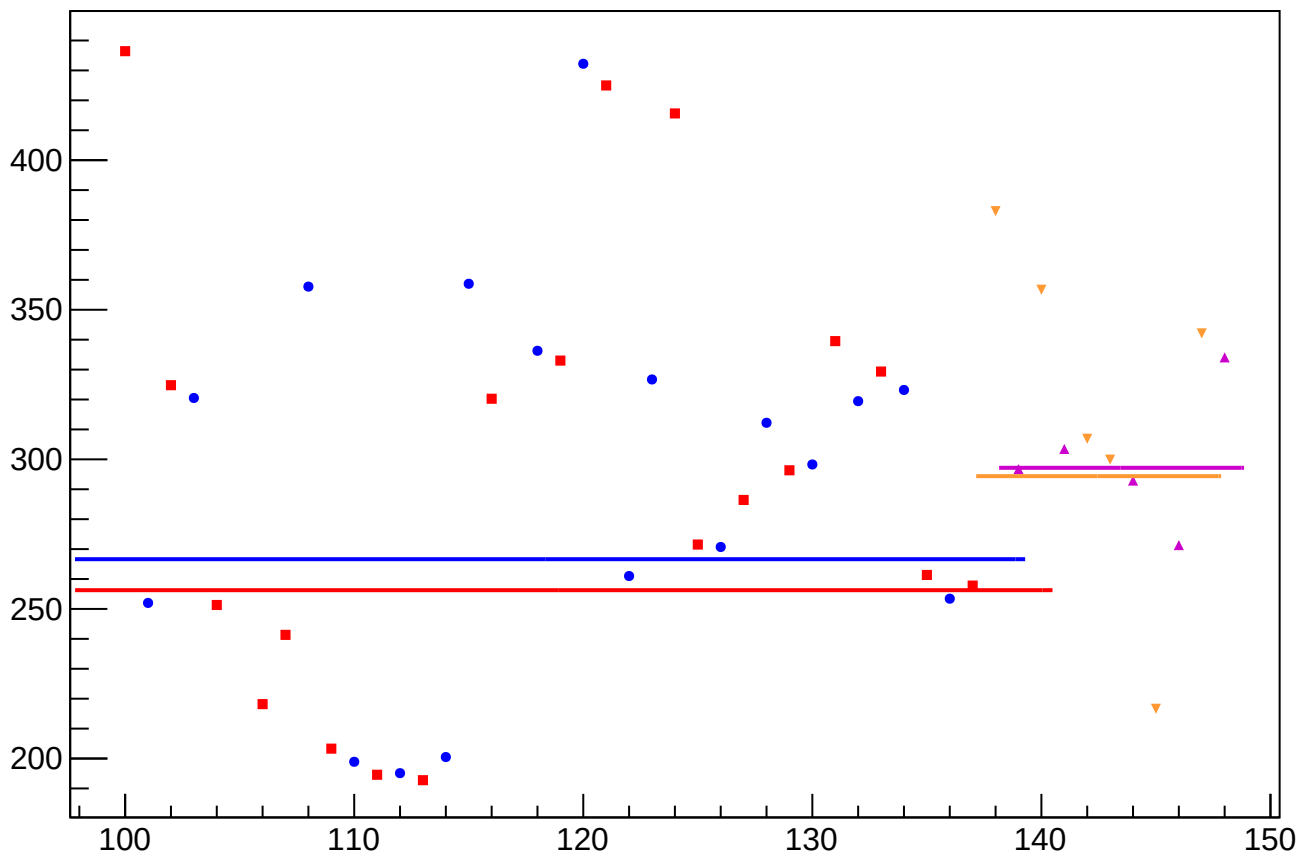
Left In: -225.307 ± 148.277 $\chi^2/\text{NDF}: 2.7/4$

+ sign 122.088 ± 85.956 $\chi^2/\text{NDF}: 24.0/22$

All: -73.109 ± 59.541 $\chi^2/\text{NDF}: 51.3/46$

- sign -253.153 ± 82.553 $\chi^2/\text{NDF}: 17.4/23$

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

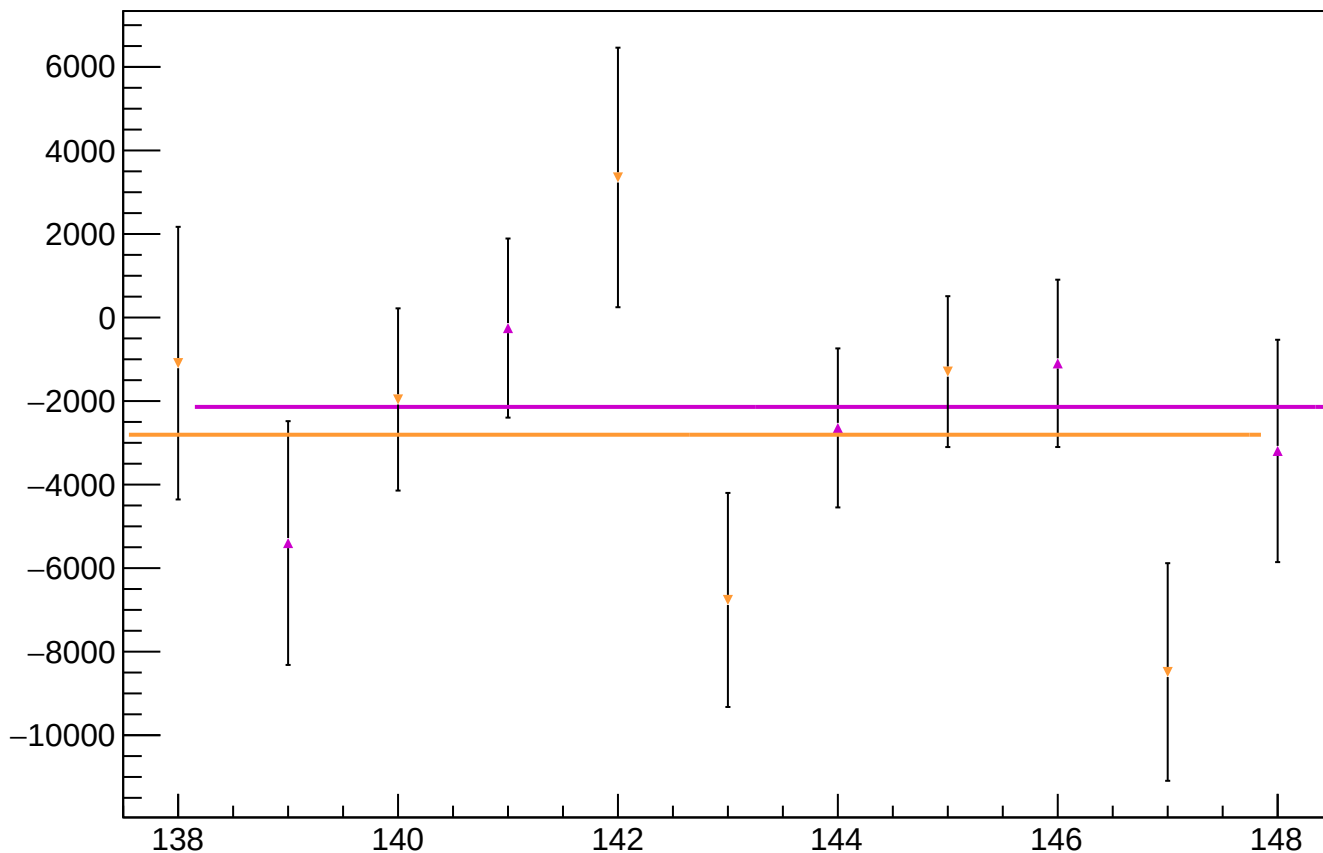
Left In: 297.176 $\pm$ 0.105 χ^2 /NDF:35279.5/4

+ sign 275.899 $\pm$ 0.061 χ^2 /NDF: 942662.5/22

All: 272.283 $\pm$ 0.042 χ^2 /NDF: 1786683.8/46

- sign 268.948 $\pm$ 0.058 χ^2 /NDF: 837218.0/23

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

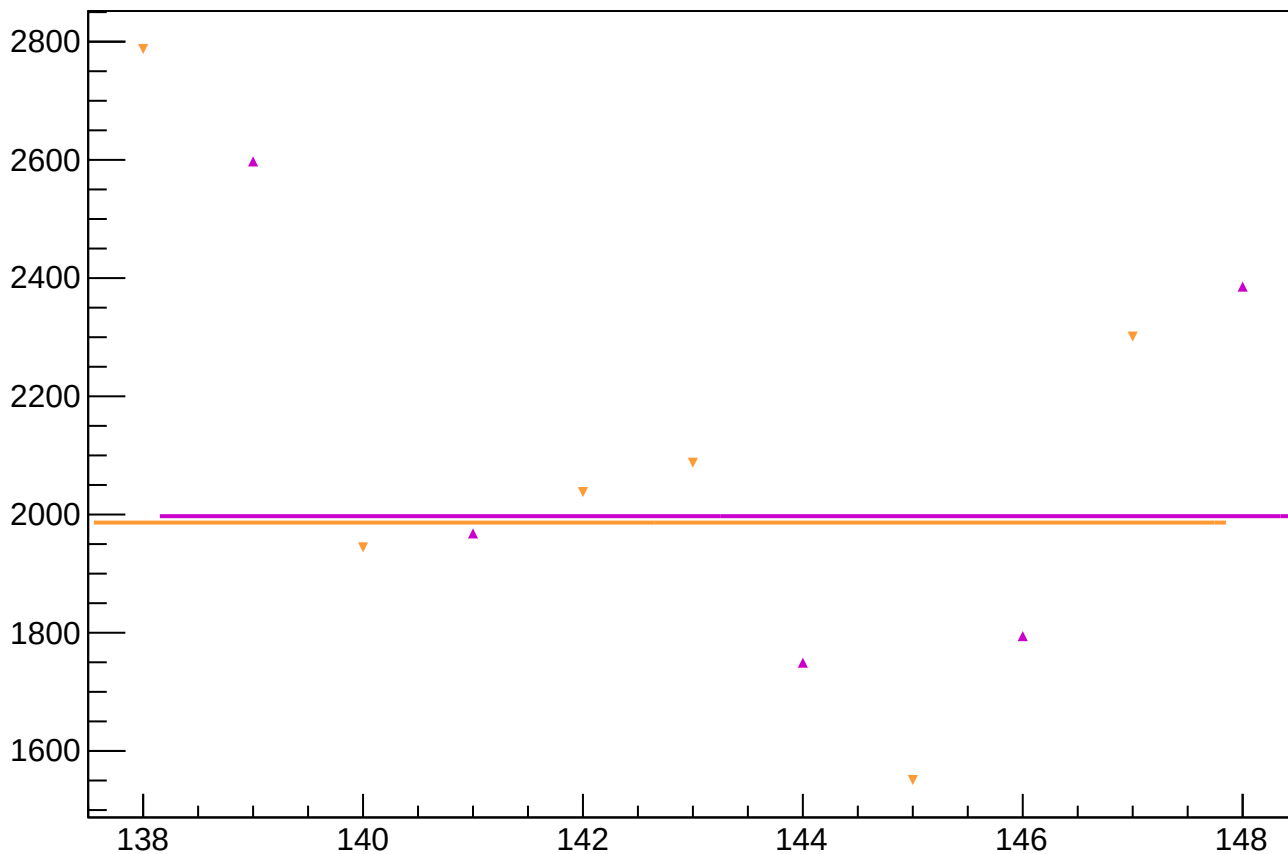
Left In: -2139.816+/-999.382 χ^2/NDF :2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2475.008+/-704.480 χ^2/NDF : 14.9/10

- 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

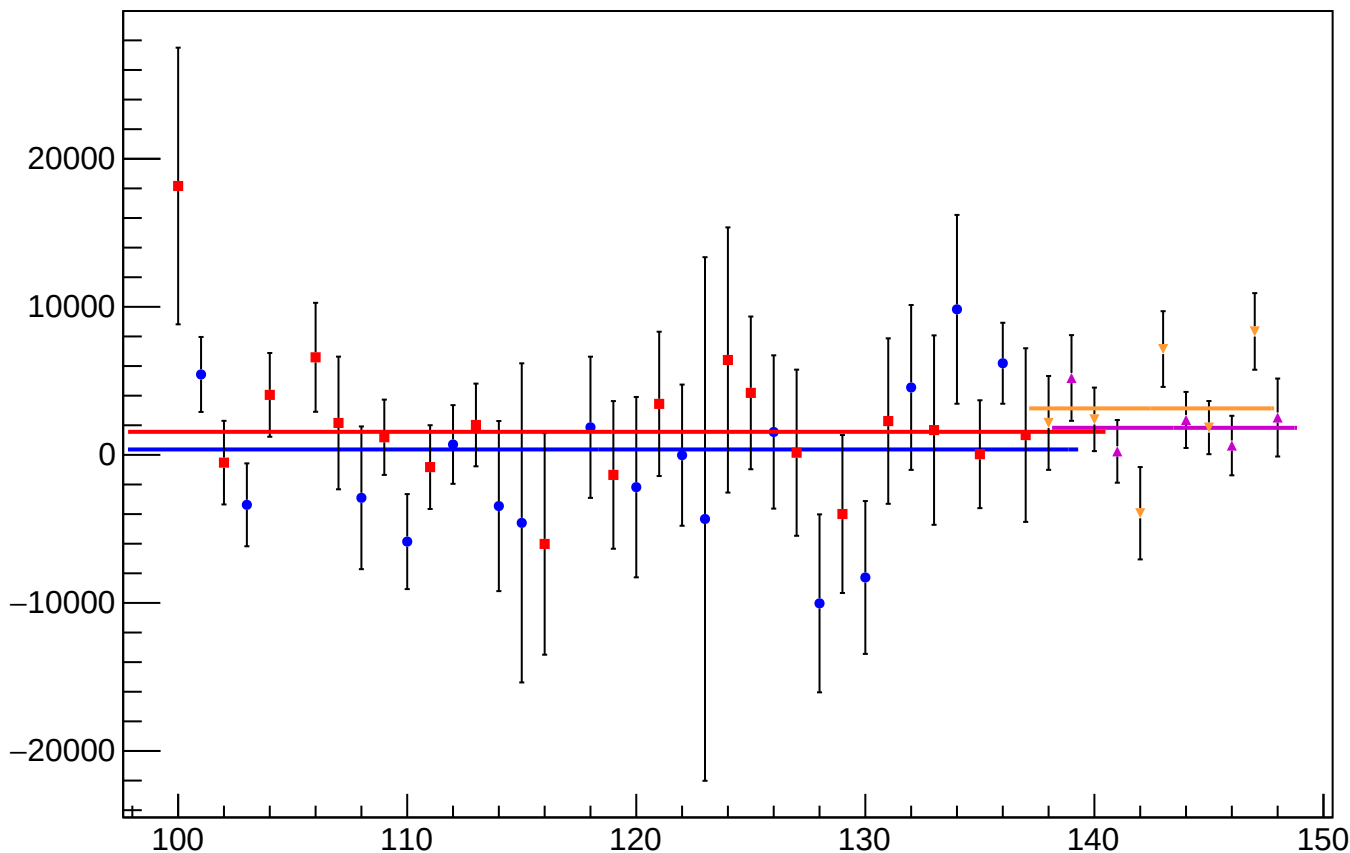
Left In: 1997.213+/-0.707 χ^2/NDF : 181963.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.759+/-0.498 χ^2/NDF : 452498.4/10

- 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

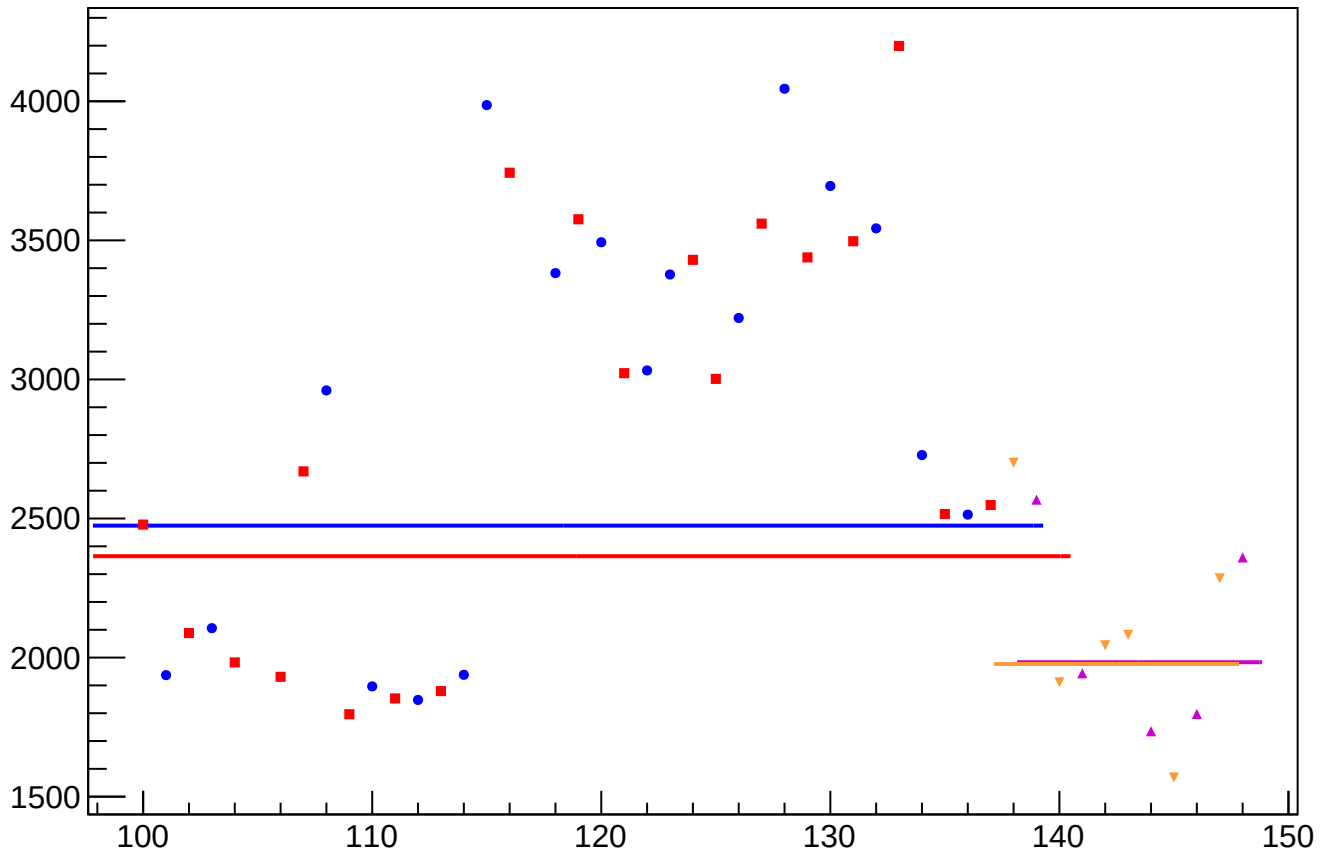
Left In: 1827.923 ± 993.760 χ^2/NDF : 2.4/4

+ sign 1764.881 ± 698.901 χ^2/NDF : 40.5/22

All: 1722.530 ± 486.154 χ^2/NDF : 53.5/46

- sign 1682.828 ± 676.687 χ^2/NDF : 13.0/23

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

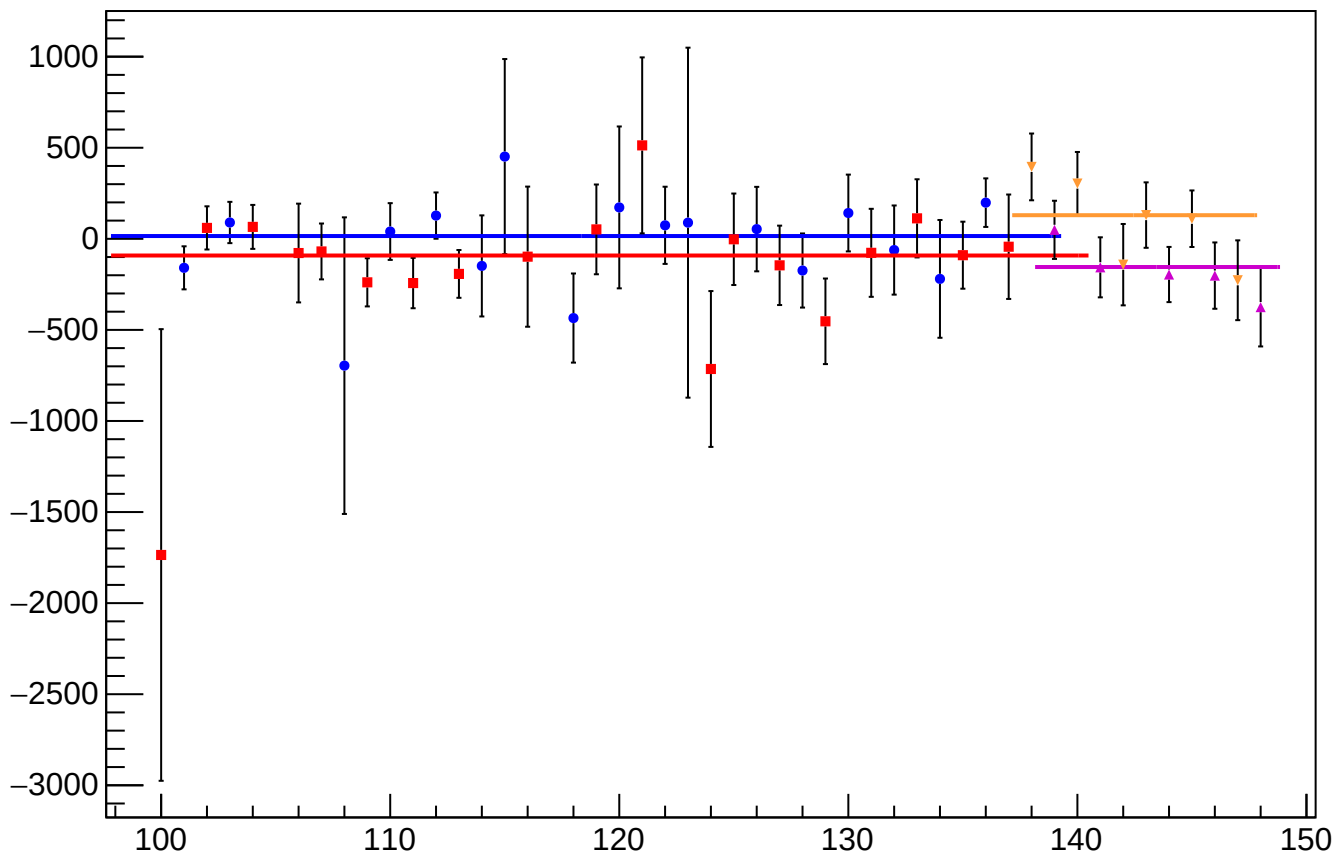
Left In: 1983.321+/-0.703 χ^2/NDF : 174660.7/4

+ sign 2223.624+/-0.494 χ^2/NDF : 1401392.7/22

All: 2205.113+/-0.344 χ^2/NDF : 2759997.6/46

- sign 2187.761+/-0.478 χ^2/NDF : 1355886.9/23

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

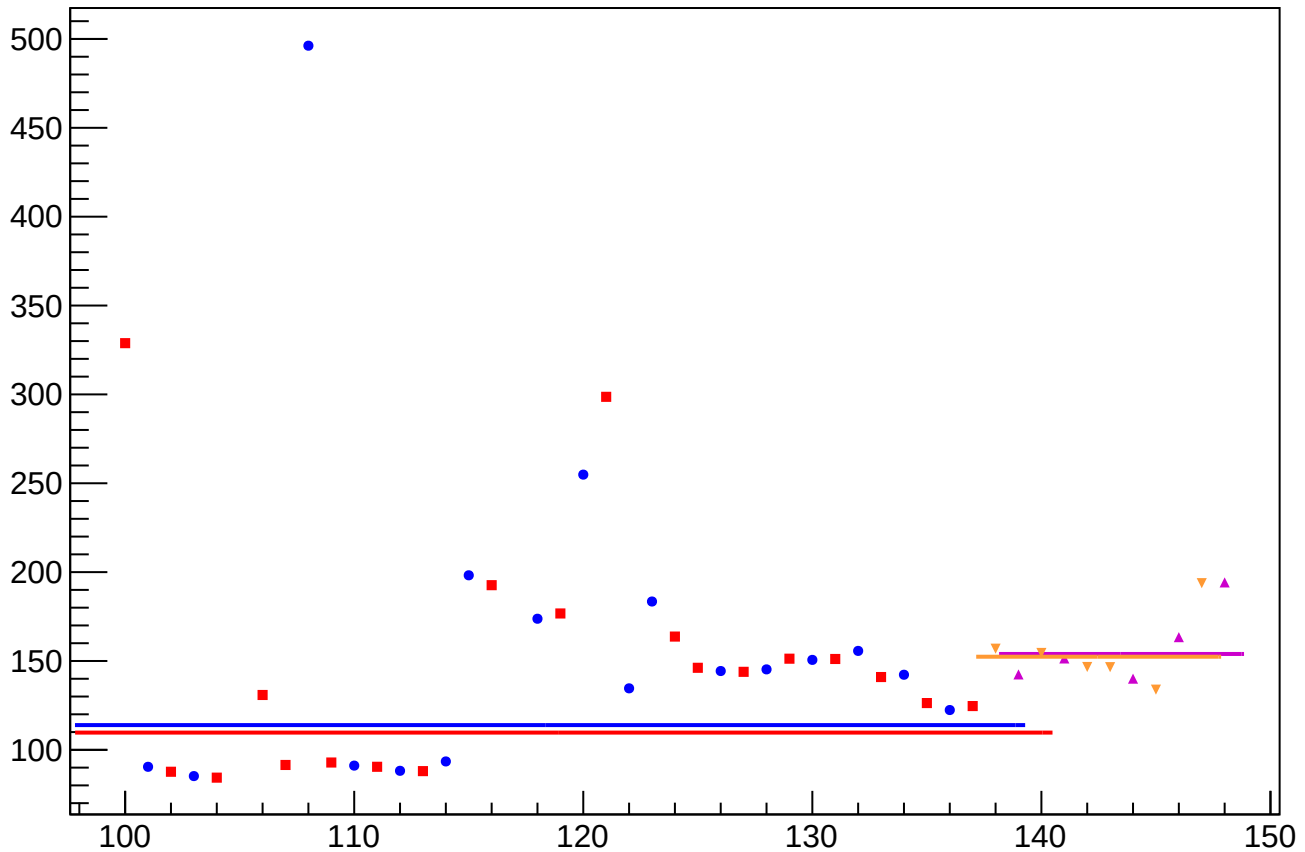
Left In: -154.775+/-76.423 χ^2/NDF : 2.8/4

+ sign 46.834+/-39.527 χ^2/NDF : 21.5/22

All: -33.744+/-27.275 χ^2/NDF : 48.4/46

- sign -106.987+/-37.685 χ^2/NDF : 19.0/23

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

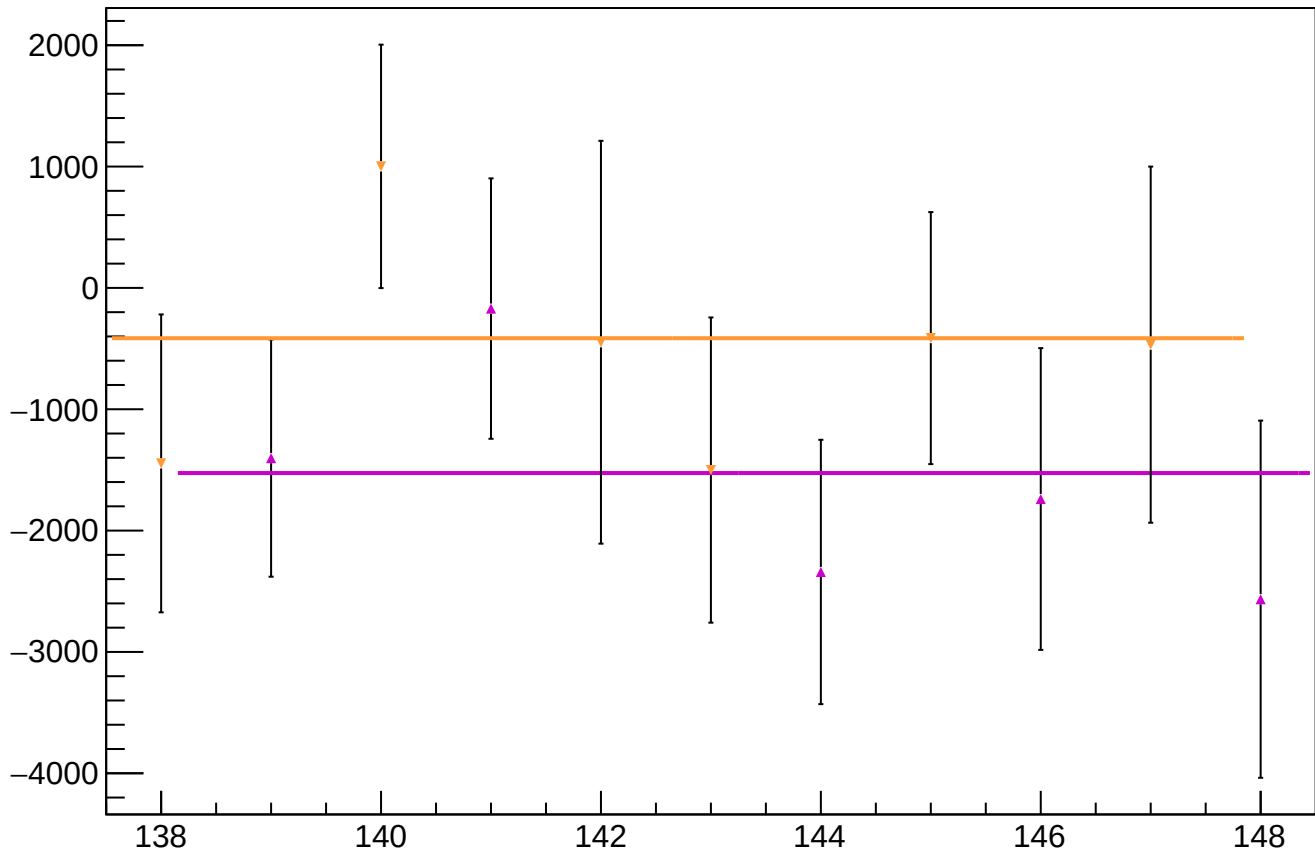
Left In: 153.951 $\pm$ 0.054 χ^2 /NDF:102620.4/4

+ sign 124.536 $\pm$ 0.028 χ^2 /NDF: 1890985.5/22

All: 122.405 $\pm$ 0.019 χ^2 /NDF: 3753993.7/46

- sign 120.467 $\pm$ 0.027 χ^2 /NDF: 1851906.0/23

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

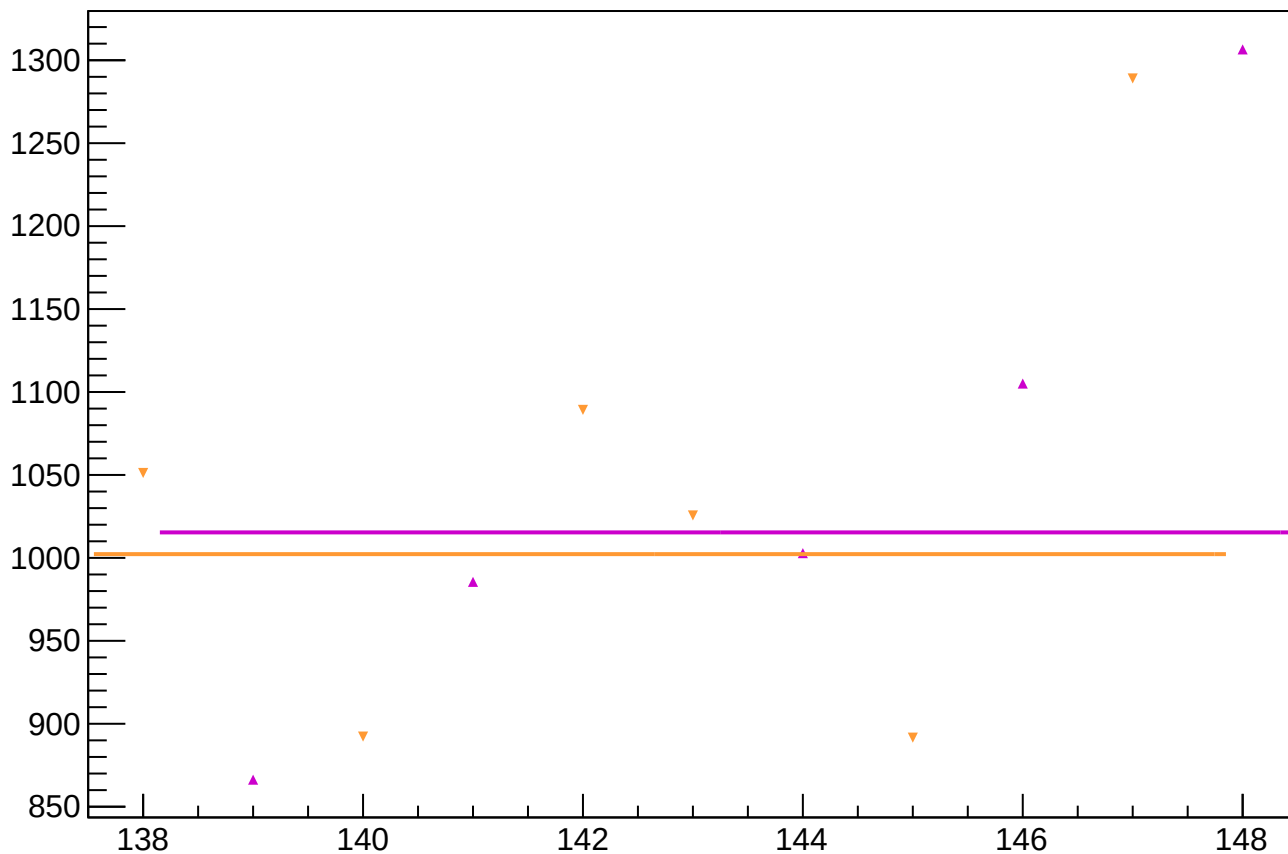
Left In: -1525.624+/-508.552 χ^2/NDF : 2.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -957.564+/-355.531 χ^2/NDF : 8.6/10

- 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

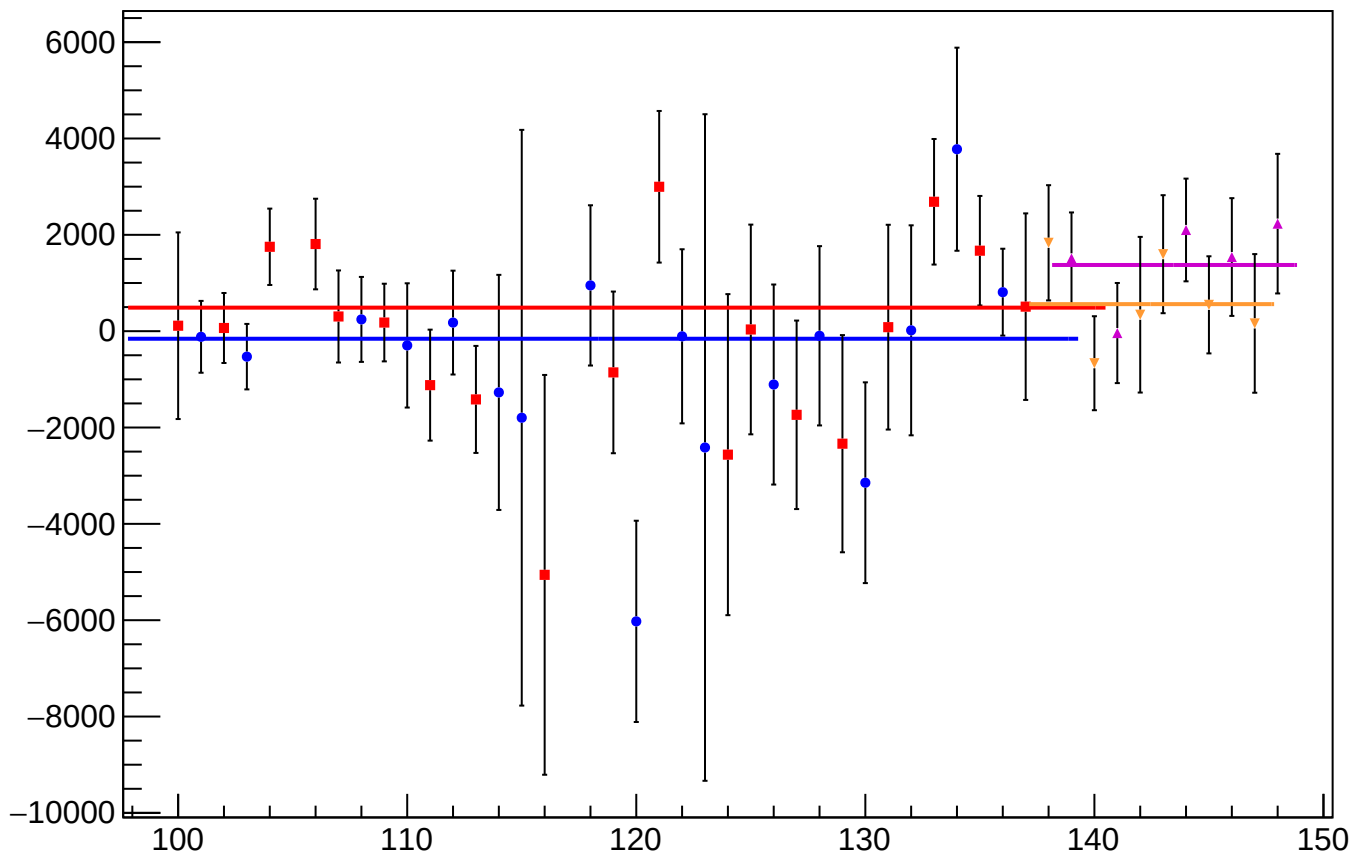
Left In: 1015.367+/-0.360 χ^2/NDF :137010.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.668+/-0.251 χ^2/NDF : 270159.7/10

- 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

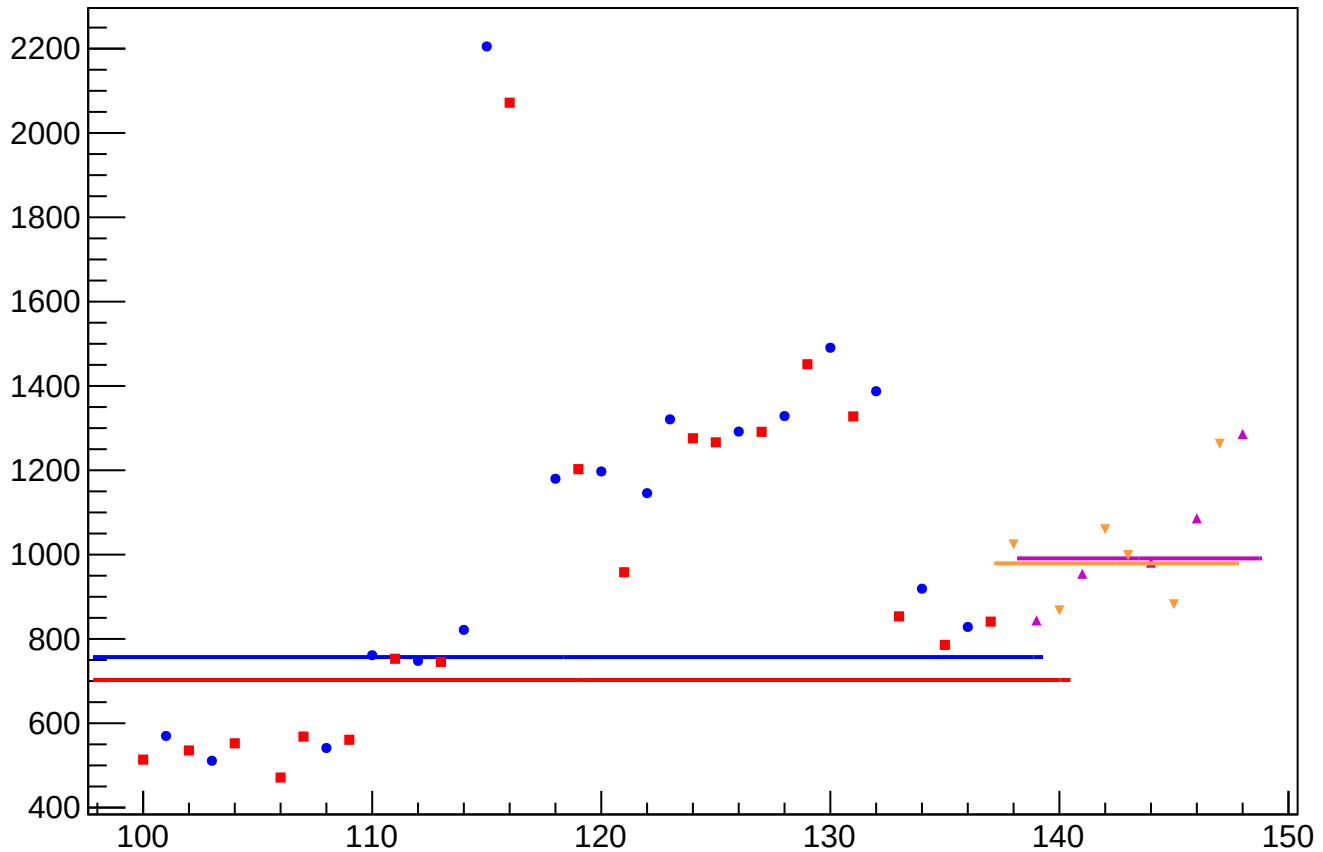
Left In: 1374.237+/-496.951 χ^2/NDF : 2.7/4

+ sign 54.147+/-262.562 χ^2/NDF : 21.3/22

All: 401.160+/-179.425 χ^2/NDF : 52.3/46

- sign 705.185+/-245.761 χ^2/NDF : 27.7/23

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

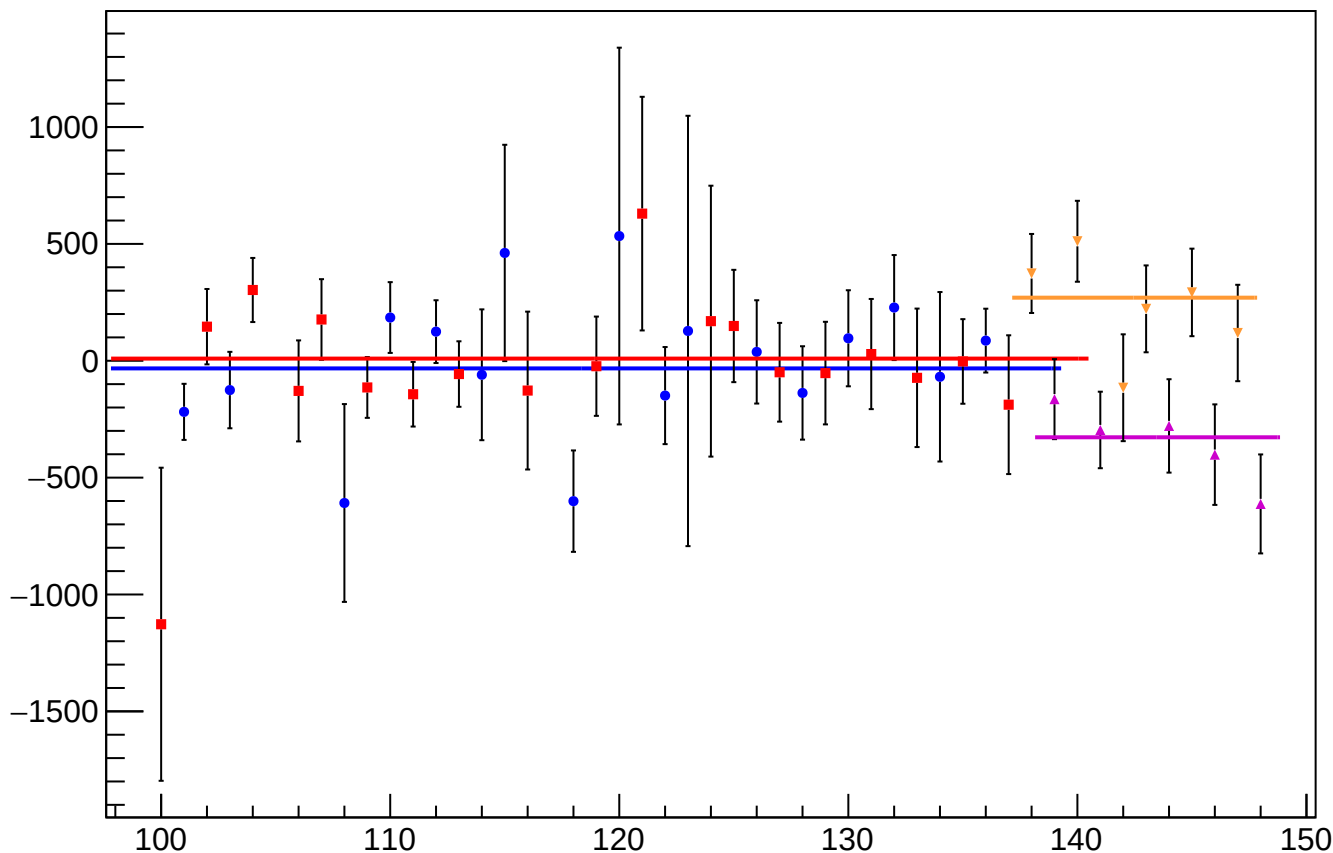
Left In: 991.017 $\pm$ 0.351 χ^2 /NDF:145202.6/4

+ sign 822.333 $\pm$ 0.186 χ^2 /NDF: 2139311.1/22

All: 796.134 $\pm$ 0.127 χ^2 /NDF: 4520163.5/46

- sign 773.180 $\pm$ 0.174 χ^2 /NDF: 2343491.6/23

dit_asym_sam6_mean vs Slug



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

Left Out: 269.937 ± 77.046 χ^2/NDF : 5.8/5

Right Out: 9.277 ± 45.600 χ^2/NDF : 14.7/18

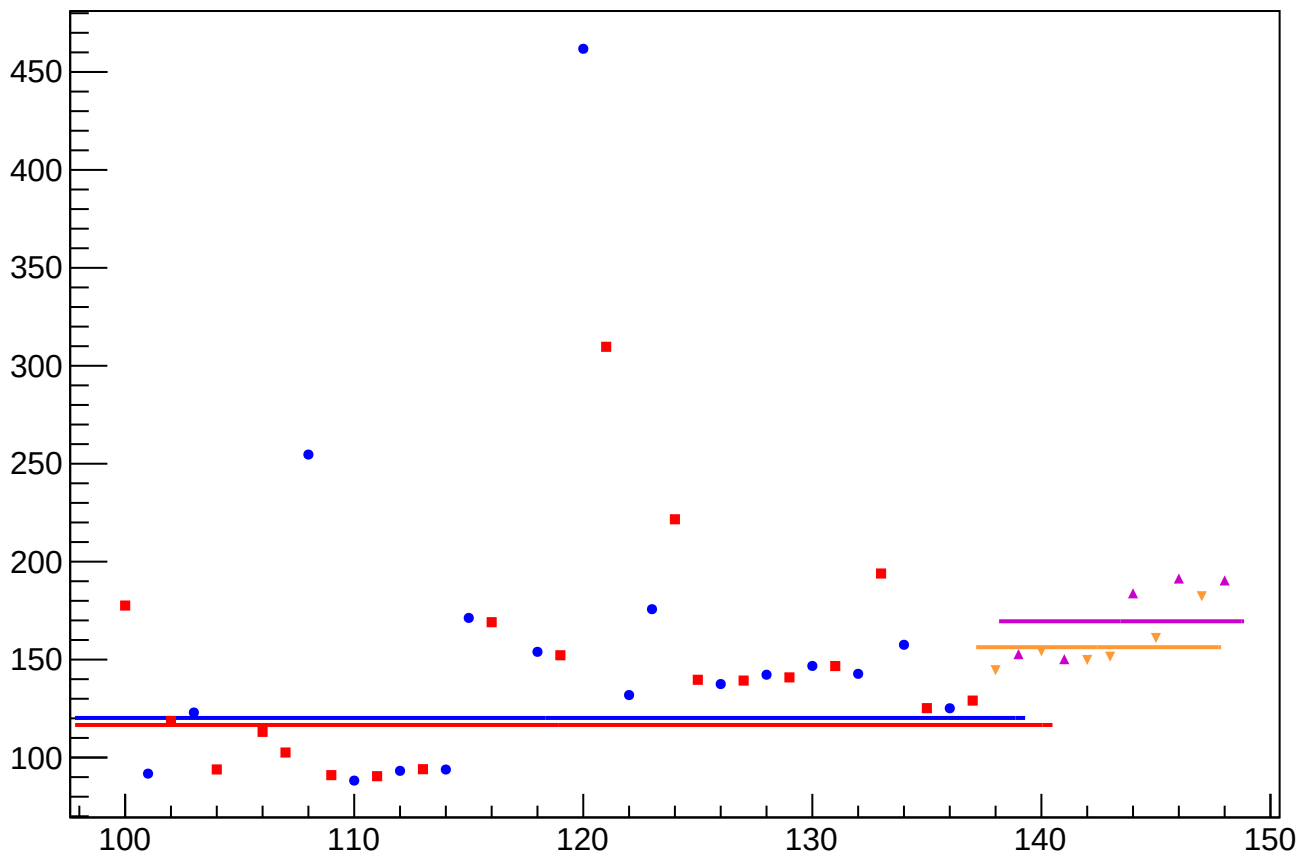
Left In: -327.419 ± 84.385 χ^2/NDF : 2.9/4

+ sign 53.020 ± 41.003 χ^2/NDF : 36.6/22

All: -8.208 ± 28.675 χ^2/NDF : 70.9/46

- sign -66.819 ± 40.117 χ^2/NDF : 30.0/23

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

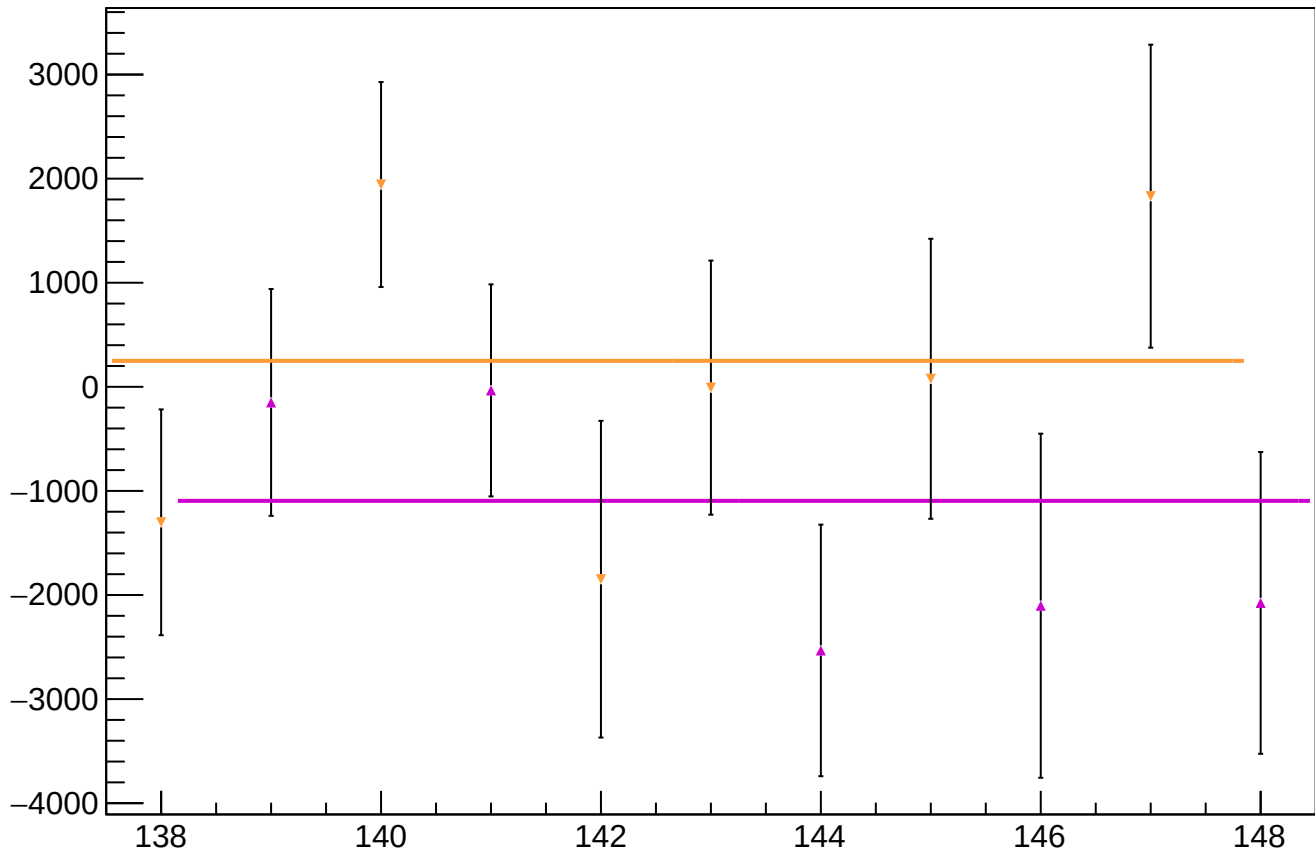
Left In: 169.558 $\pm$ 0.060 χ^2 /NDF: 97312.6/4

+ sign 130.436 $\pm$ 0.029 χ^2 /NDF: 1423362.3/22

All: 129.489 $\pm$ 0.020 χ^2 /NDF: 3129984.4/46

- sign 128.583 $\pm$ 0.028 χ^2 /NDF: 1704535.1/23

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

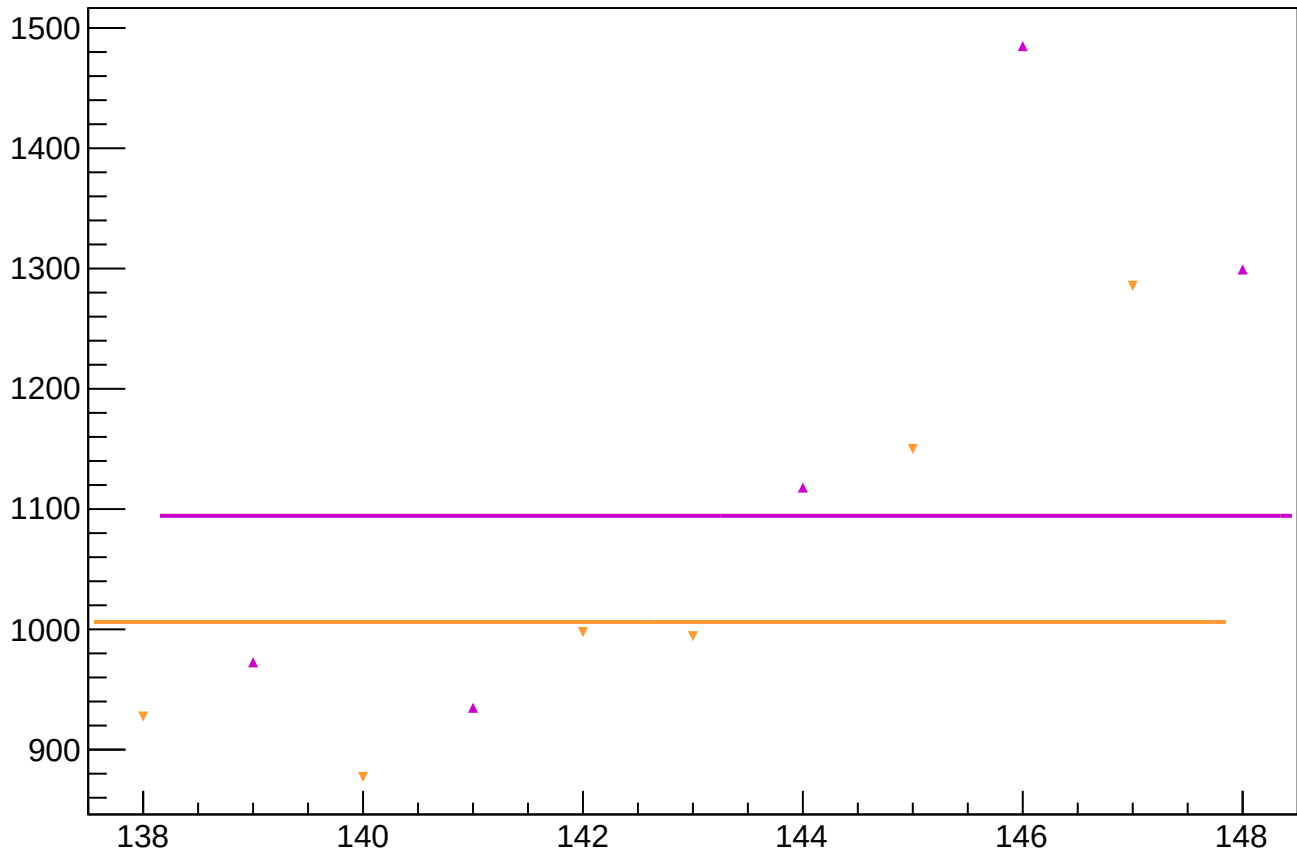
Left In: -1095.399+/-547.764 χ^2/NDF : 4.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -360.822+/-369.038 χ^2/NDF : 15.5/10

- 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

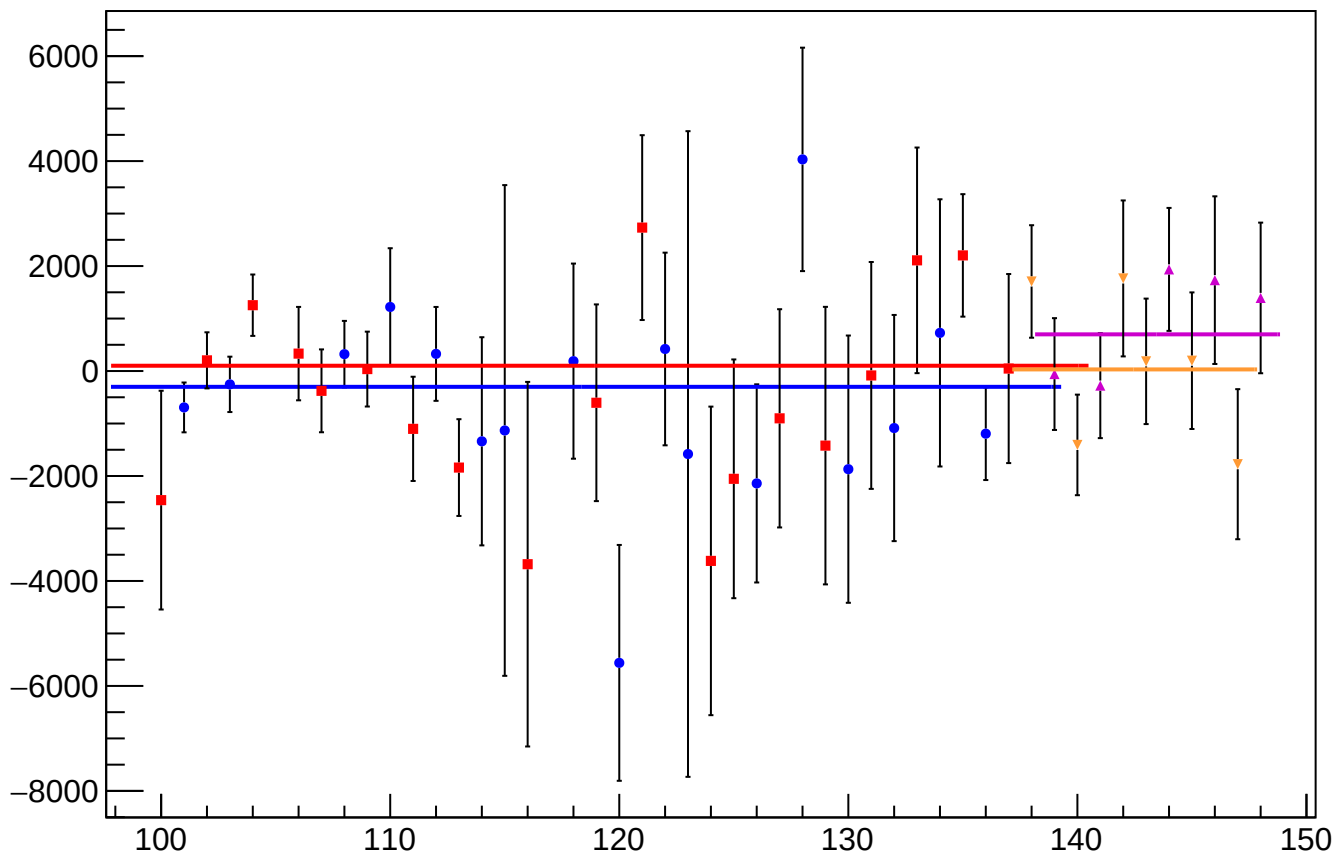
Left In: 1094.434+/-0.387 χ^2/NDF :226418.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1046.223+/-0.261 χ^2/NDF : 396457.7/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -301.000 ± 250.042 $\chi^2/\text{NDF}: 16.8/16$

Left Out: 30.610 ± 488.388 $\chi^2/\text{NDF}: 7.7/5$

Right Out: 100.857 ± 245.981 $\chi^2/\text{NDF}: 22.5/18$

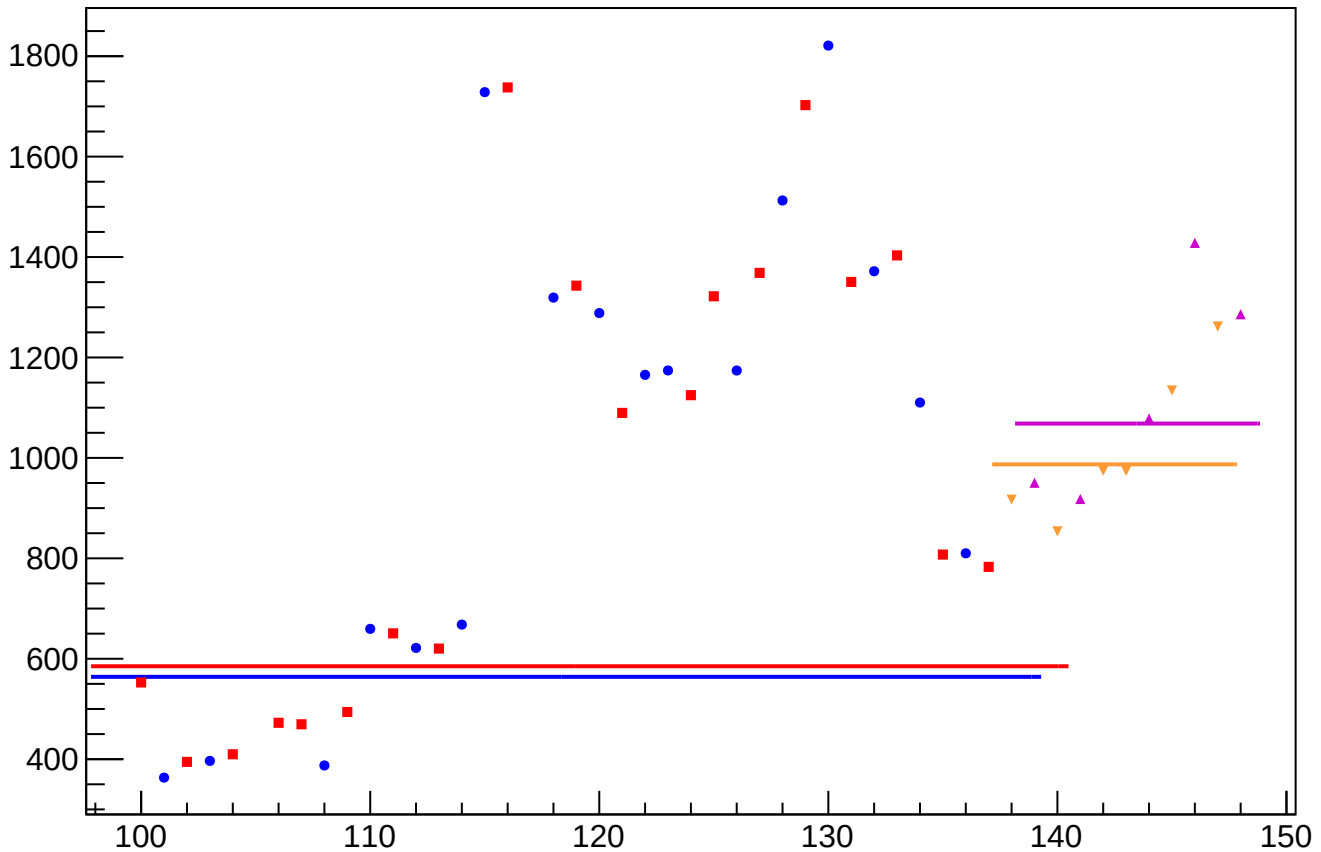
Left In: 698.932 ± 535.486 $\chi^2/\text{NDF}: 3.2/4$

+ sign -232.131 ± 222.569 $\chi^2/\text{NDF}: 24.9/22$

All: -14.469 ± 157.717 $\chi^2/\text{NDF}: 53.6/46$

- sign 205.068 ± 223.526 $\chi^2/\text{NDF}: 26.8/23$

asym_sam6_rms vs Slug



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

Left Out: 987.147+/-0.345 χ^2/NDF : 147106.5/5

Right Out: 585.070+/-0.174 χ^2/NDF : 2820837.8/18

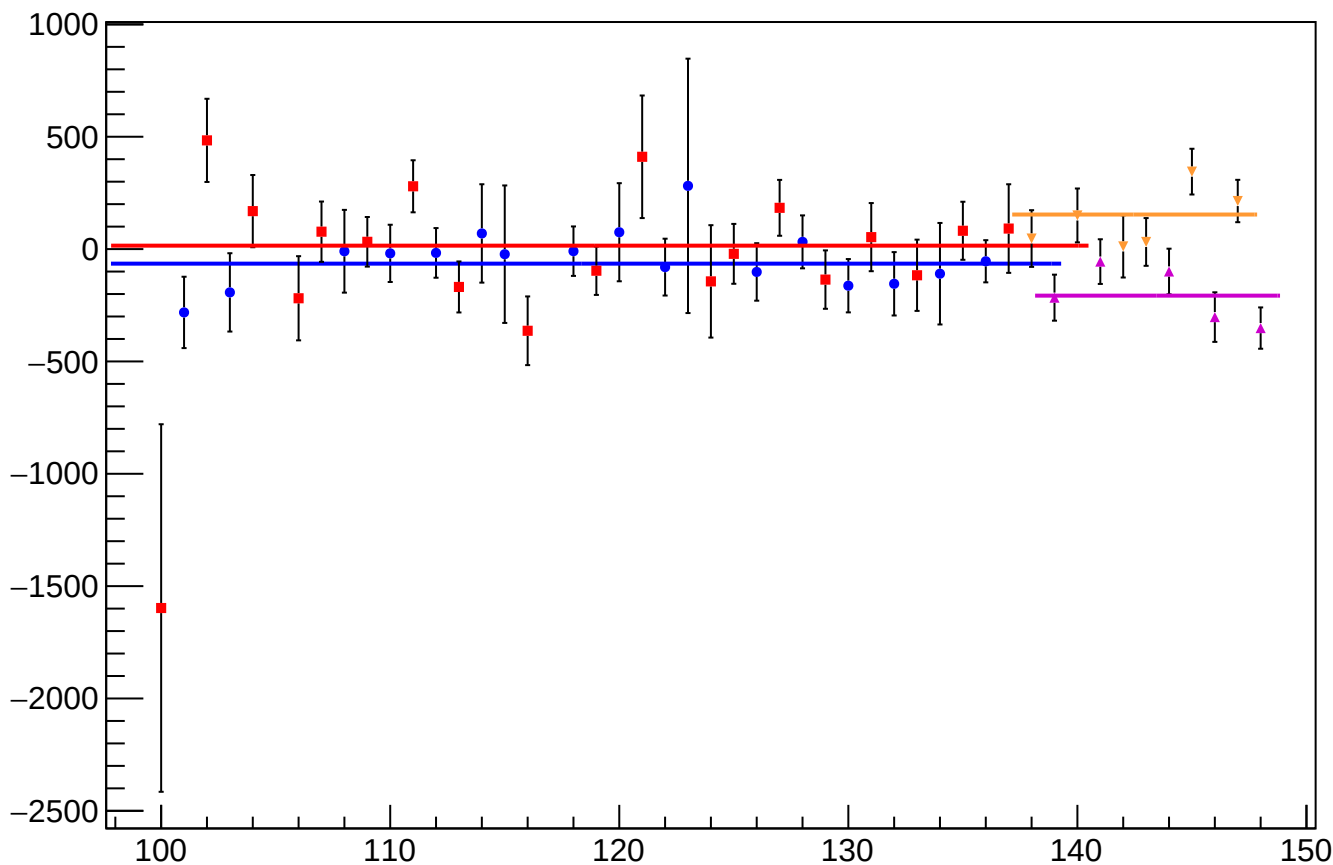
Left In: 1068.395+/-0.379 χ^2/NDF : 217294.2/4

+ sign 651.882+/-0.157 χ^2/NDF : 4598126.1/22

All: 660.547+/-0.112 χ^2/NDF : 8987789.2/46

- sign 669.286+/-0.158 χ^2/NDF : 4383574.8/23

dit_asym_sam7_mean vs Slug



Right In: -64.797 ± 34.629 χ^2/NDF : 6.2/16

Left Out: 153.800 ± 45.540 χ^2/NDF : 7.0/5

Right Out: 15.294 ± 33.422 χ^2/NDF : 35.0/18

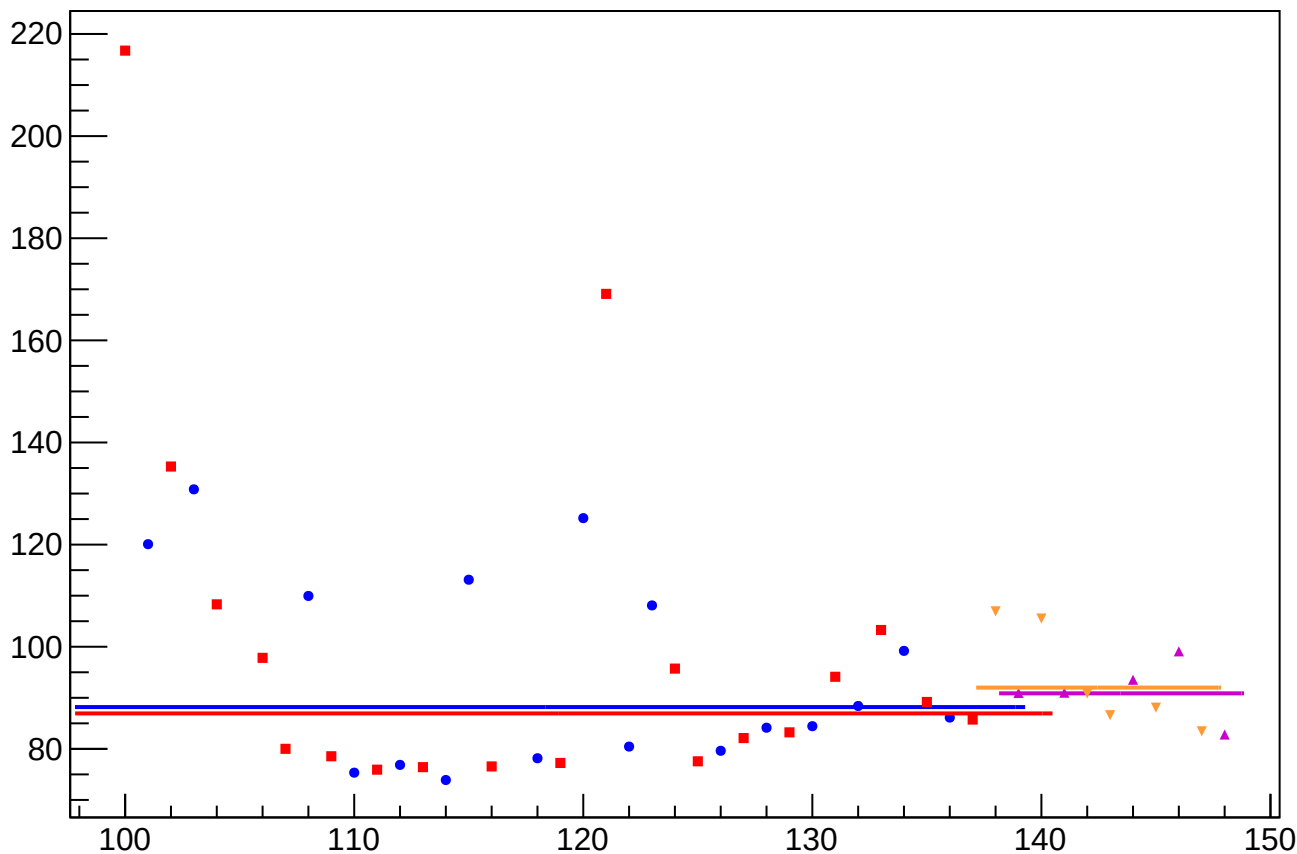
Left In: -207.194 ± 44.990 χ^2/NDF : 6.7/4

+ sign 15.292 ± 27.565 χ^2/NDF : 27.8/22

All: -25.337 ± 19.226 χ^2/NDF : 89.4/46

- sign -63.825 ± 26.829 χ^2/NDF : 57.4/23

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

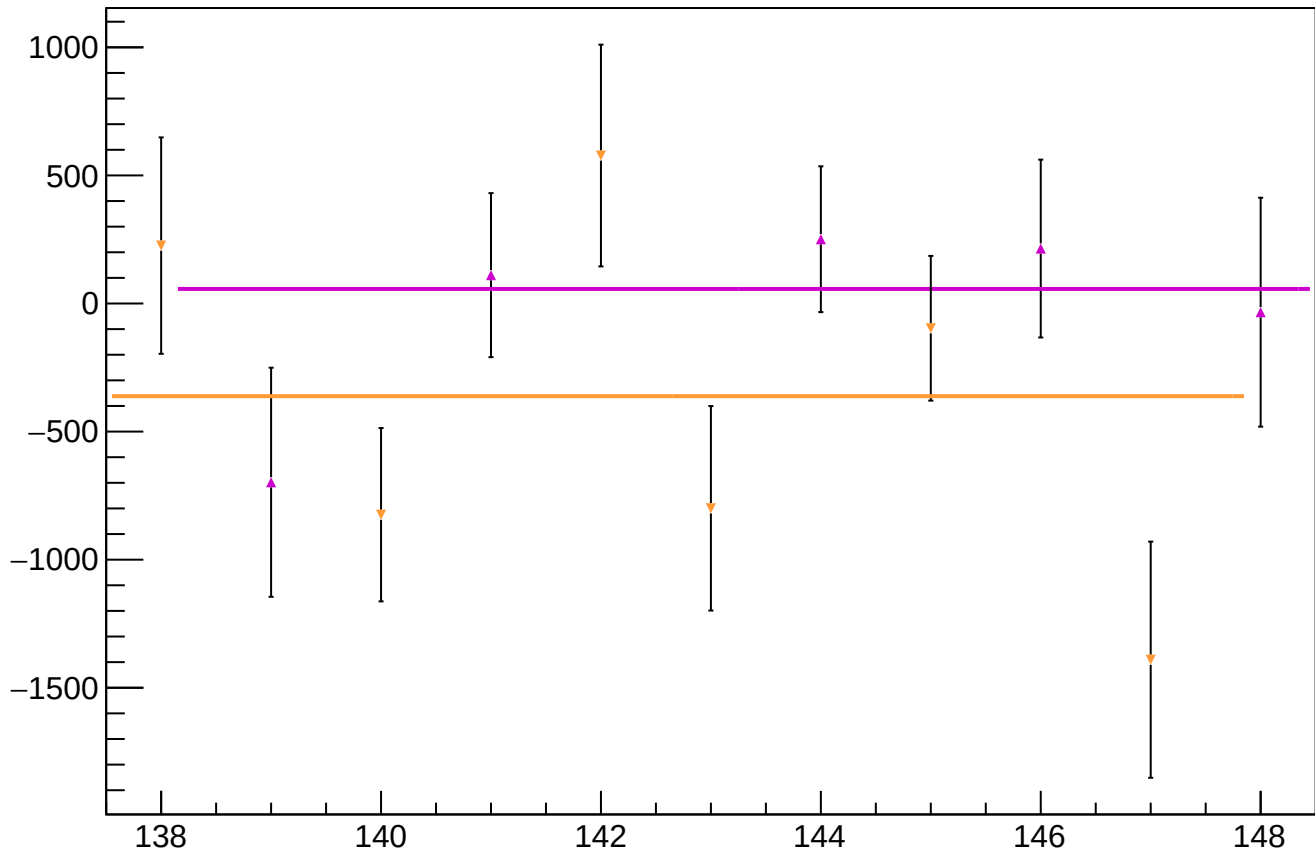
Left In: 90.877 $\pm$ 0.032 χ^2 /NDF: 27888.1/4

+ sign 89.582 $\pm$ 0.019 χ^2 /NDF: 481572.0/22

All: 88.945 $\pm$ 0.014 χ^2 /NDF: 1052752.6/46

- sign 88.342 $\pm$ 0.019 χ^2 /NDF: 569101.3/23

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

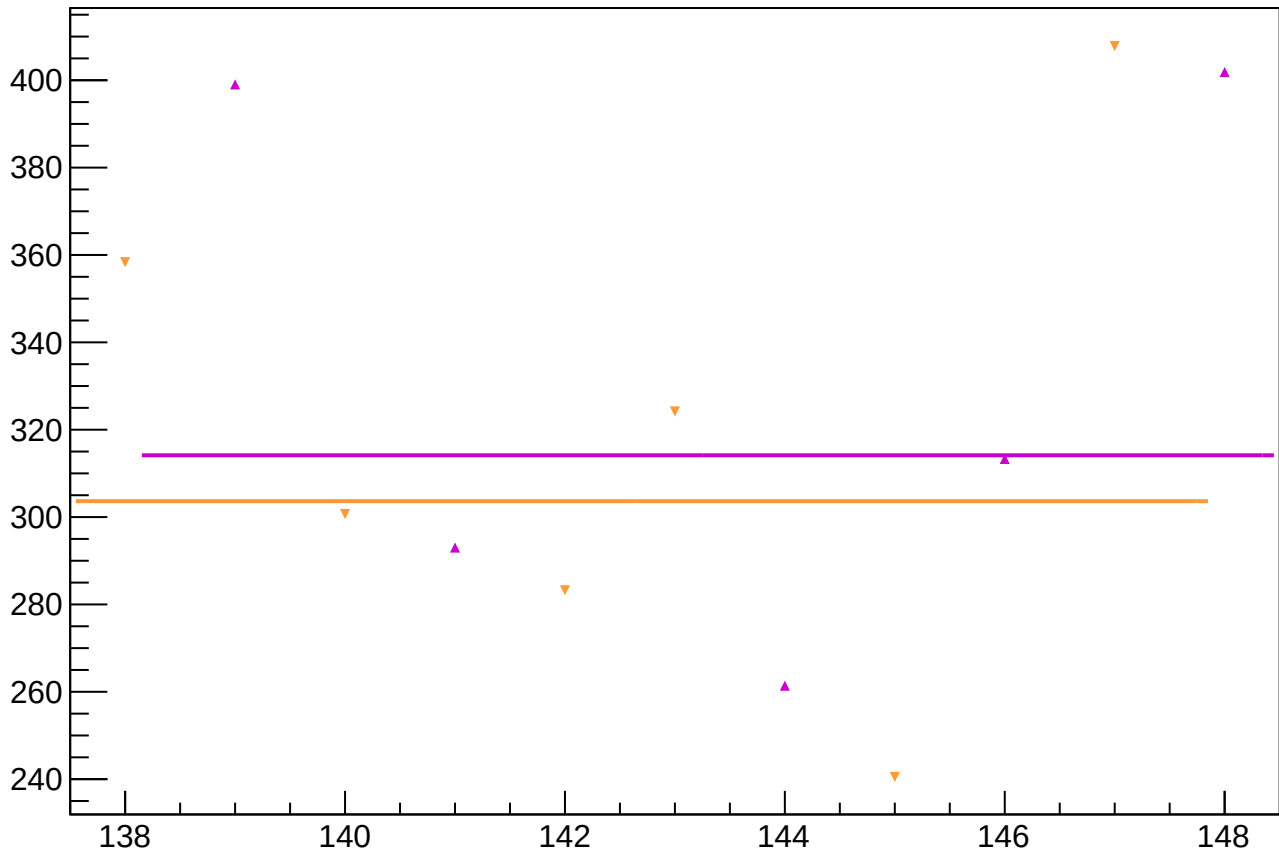
Left In: 56.877+/-157.309 χ^2/NDF :3.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -159.424+/-109.368 χ^2/NDF : 22.8/10

- 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

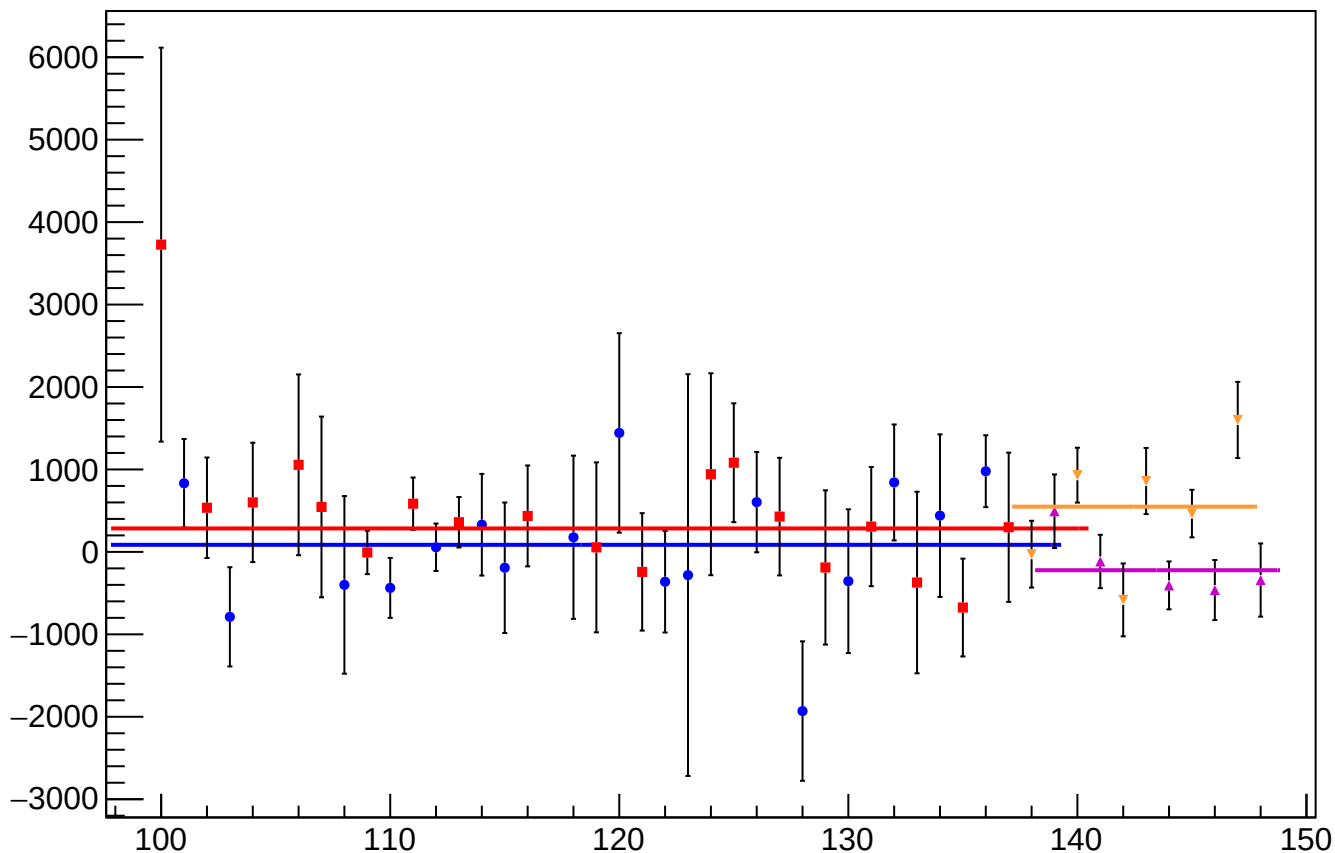
Left In: 314.144+/-0.111 χ^2/NDF : 226617.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 308.719+/-0.077 χ^2/NDF : 476671.0/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



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

Left Out: 548.540 $\pm$ 152.179 χ^2 /NDF: 15.8/5

Right Out: 284.456 $\pm$ 129.599 χ^2 /NDF: 10.6/18

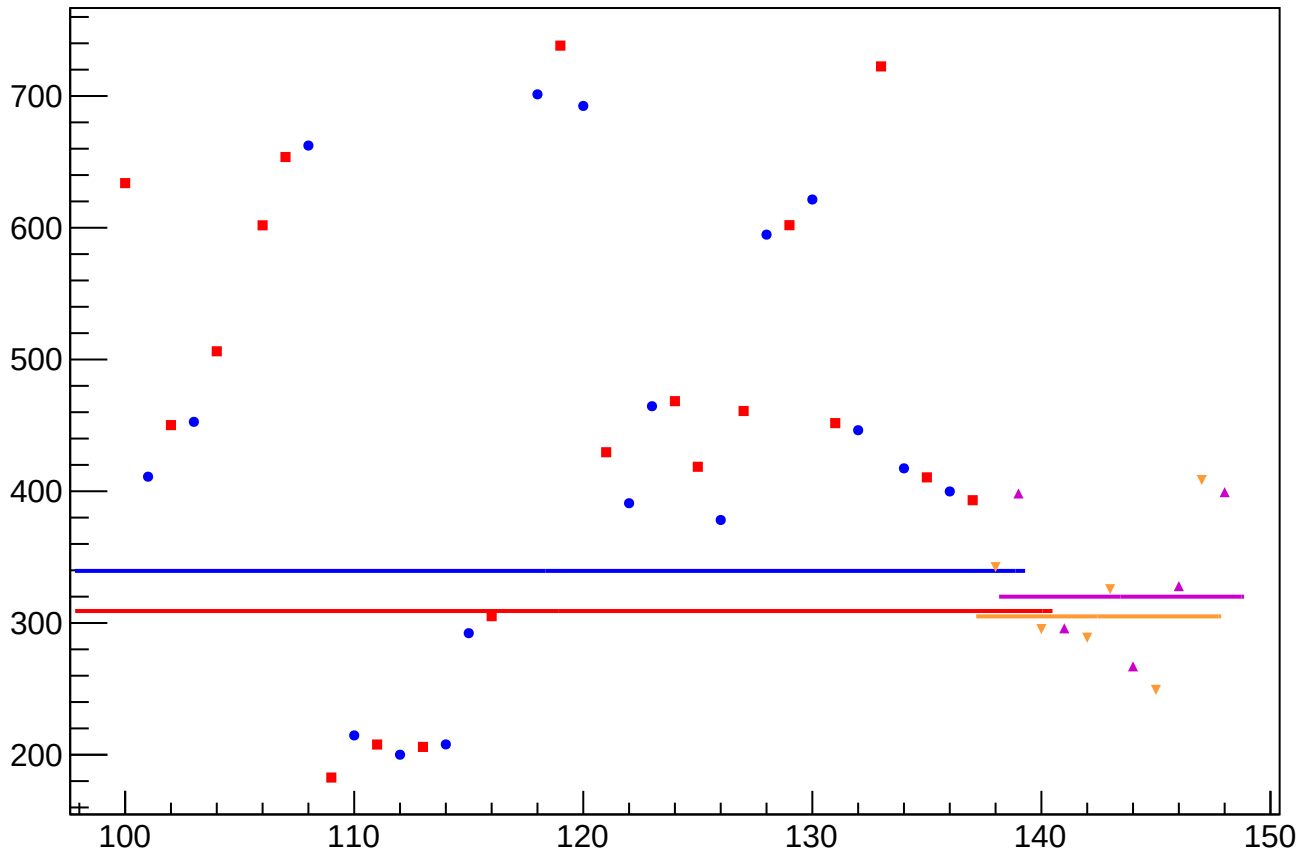
Left In: -222.128 $\pm$ 160.122 χ^2 /NDF: 3.6/4

+ sign 302.155 $\pm$ 104.056 χ^2 /NDF: 41.2/22

All: 189.517 $\pm$ 72.377 χ^2 /NDF: 63.7/46

- sign 83.948 $\pm$ 100.737 χ^2 /NDF: 20.2/23

asym_sam7_rms vs Slug



Right In: 339.553+/-0.101 χ^2/NDF : 2042244.1/16

Left Out: 305.027+/-0.108 χ^2/NDF : 201960.9/5

Right Out: 309.105+/-0.092 χ^2/NDF : 2730308.7/18

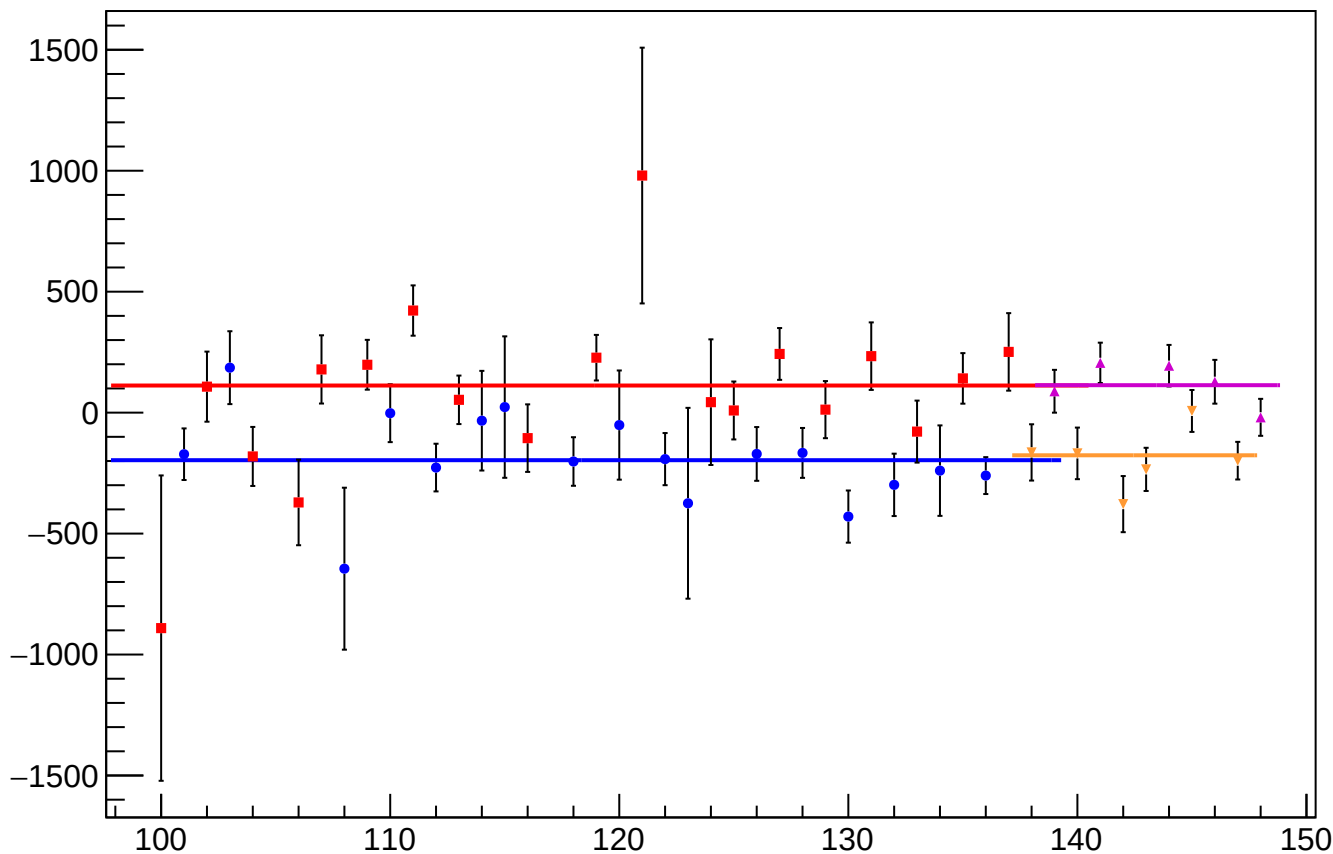
Left In: 319.999+/-0.113 χ^2/NDF : 203710.1/4

+ sign 323.410+/-0.074 χ^2/NDF : 2299018.3/22

All: 318.252+/-0.051 χ^2/NDF : 5248153.1/46

- sign 313.417+/-0.071 χ^2/NDF : 2939612.0/23

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

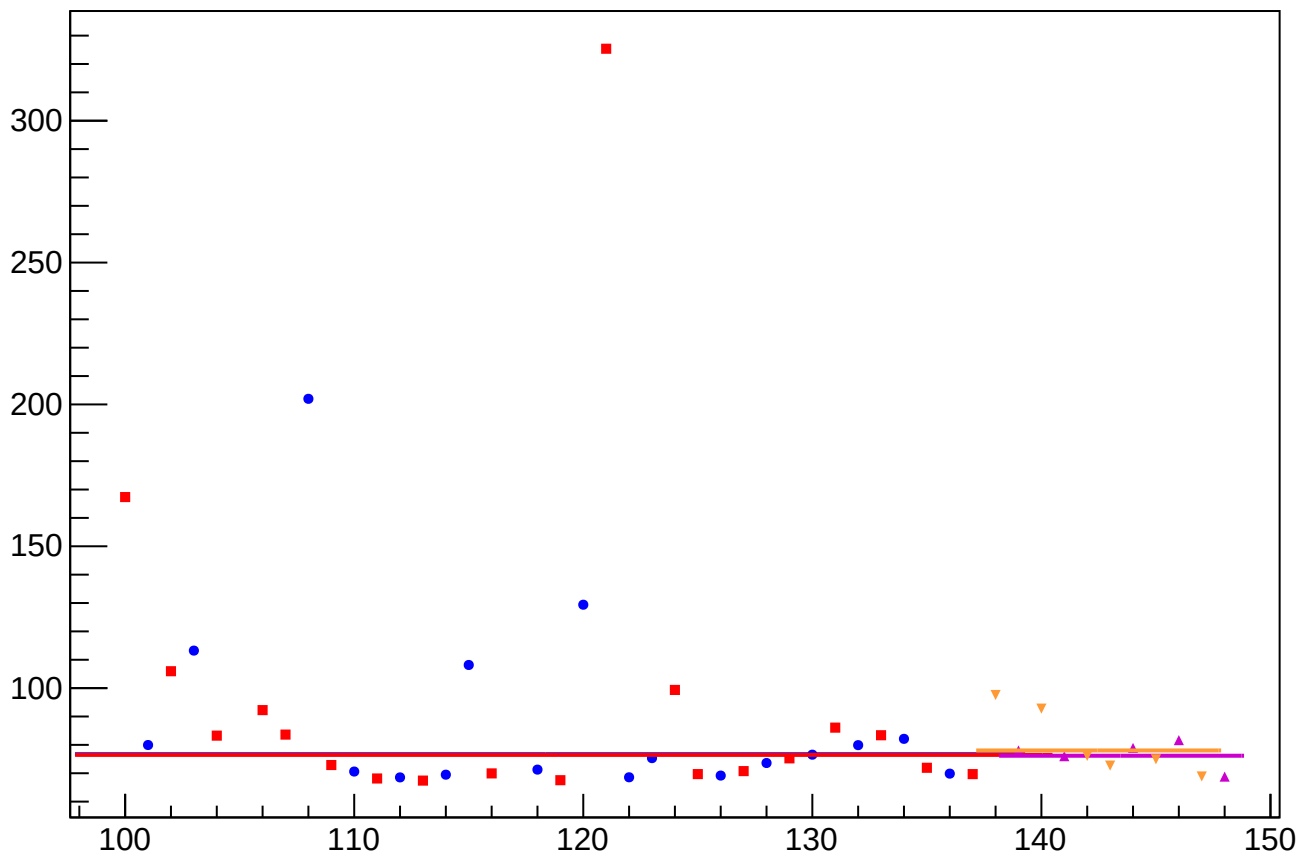
Left In: 113.452 ± 37.782 χ^2/NDF : 5.2/4

+ sign -188.914 ± 23.957 χ^2/NDF : 27.2/22

All: -34.031 ± 16.707 χ^2/NDF : 153.2/46

- sign 112.613 ± 23.311 χ^2/NDF : 44.6/23

dit_asym_sam8_rms vs Slug



Right In: 76.692 ± 0.021 $\chi^2/\text{NDF}: 600348.1/16$

Left Out: 78.029 ± 0.028 $\chi^2/\text{NDF}: 132732.9/5$

Right Out: 76.479 ± 0.021 $\chi^2/\text{NDF}: 699361.8/18$

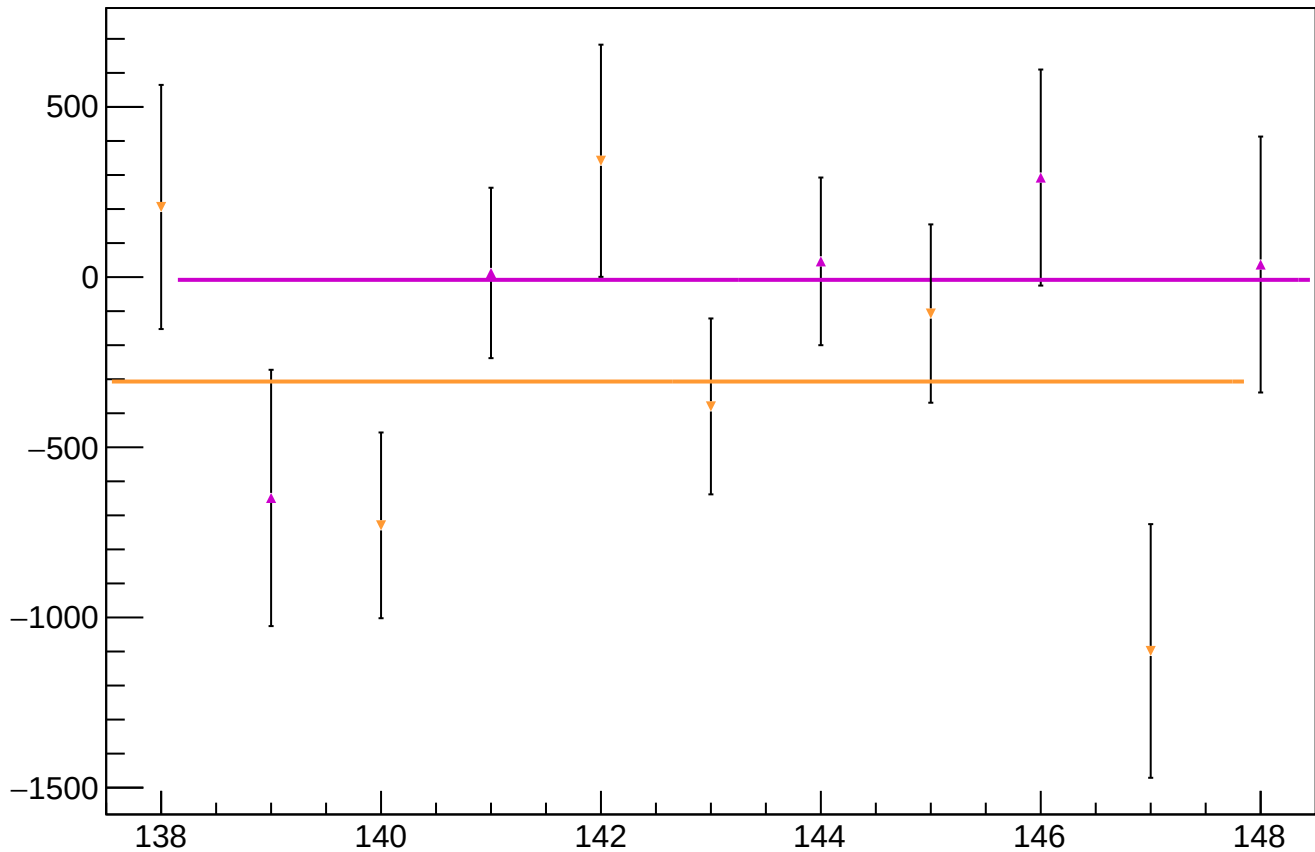
Left In: 76.170 ± 0.027 $\chi^2/\text{NDF}: 28866.3/4$

+ sign 77.199 ± 0.017 $\chi^2/\text{NDF}: 734546.3/22$

All: 76.769 ± 0.012 $\chi^2/\text{NDF}: 1464112.3/46$

- sign 76.361 ± 0.016 $\chi^2/\text{NDF}: 728311.0/23$

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

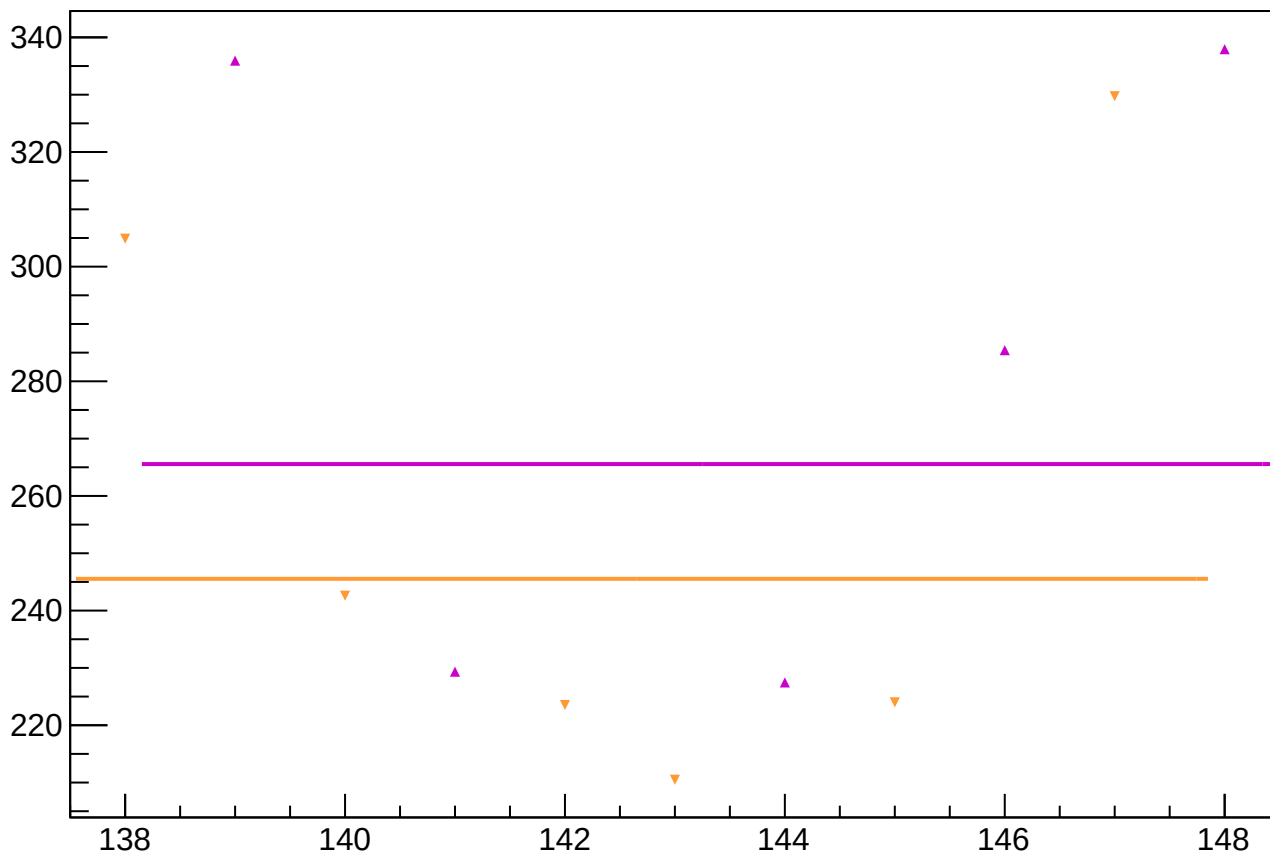
Left In: -8.020+/-133.044 χ^2/NDF :3.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -169.588+/-90.152 χ^2/NDF : 19.8/10

- 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

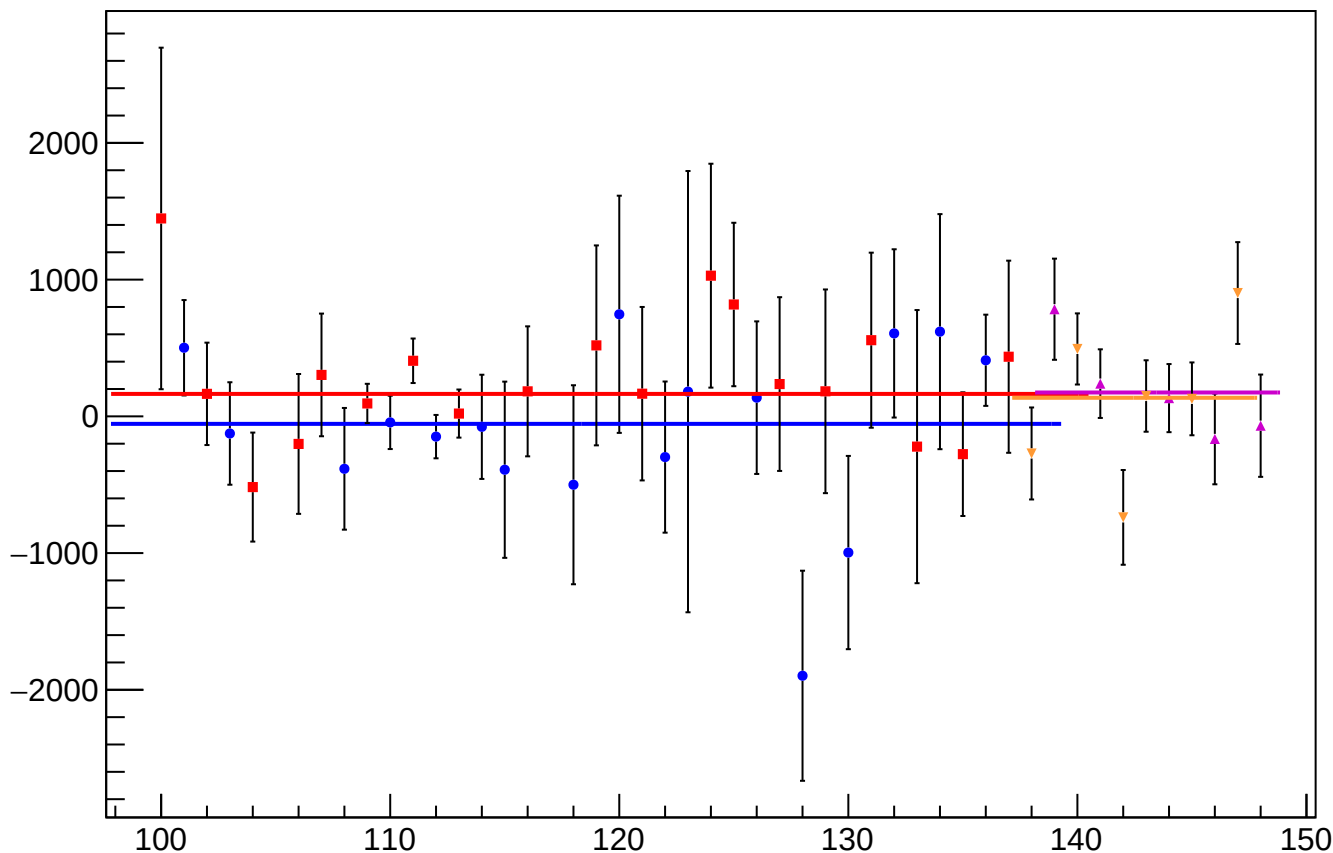
Left In: 265.560+/-0.094 χ^2/NDF : 241532.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.733+/-0.064 χ^2/NDF : 481749.5/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



Right In: -54.933 ± 90.355 χ^2/NDF : 16.5/16

Left Out: 135.814 ± 121.360 χ^2/NDF : 14.0/5

Right Out: 164.141 ± 76.903 χ^2/NDF : 11.9/18

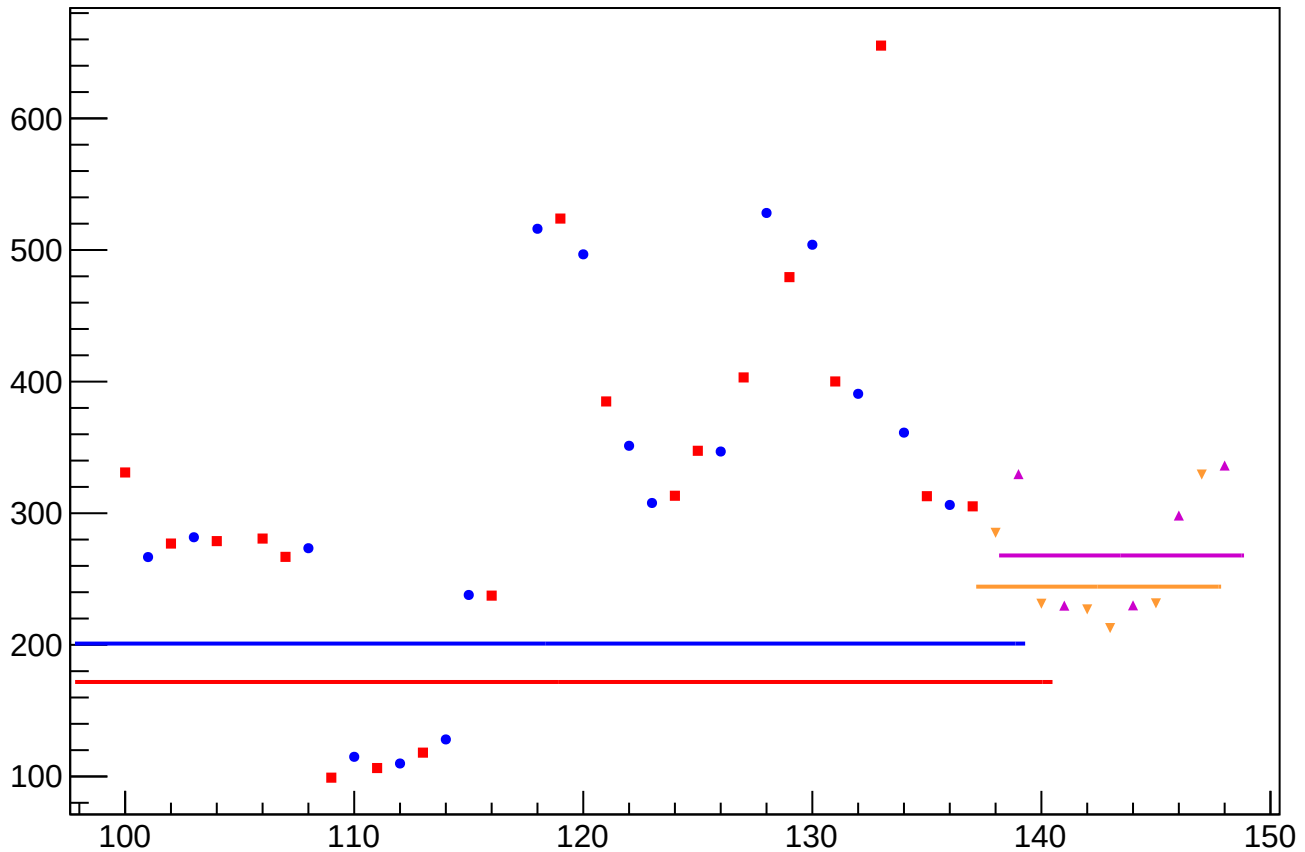
Left In: 174.480 ± 134.199 χ^2/NDF : 4.3/4

+ sign 13.093 ± 72.474 χ^2/NDF : 32.1/22

All: 96.230 ± 49.088 χ^2/NDF : 50.7/46

- sign 166.697 ± 66.724 χ^2/NDF : 16.2/23

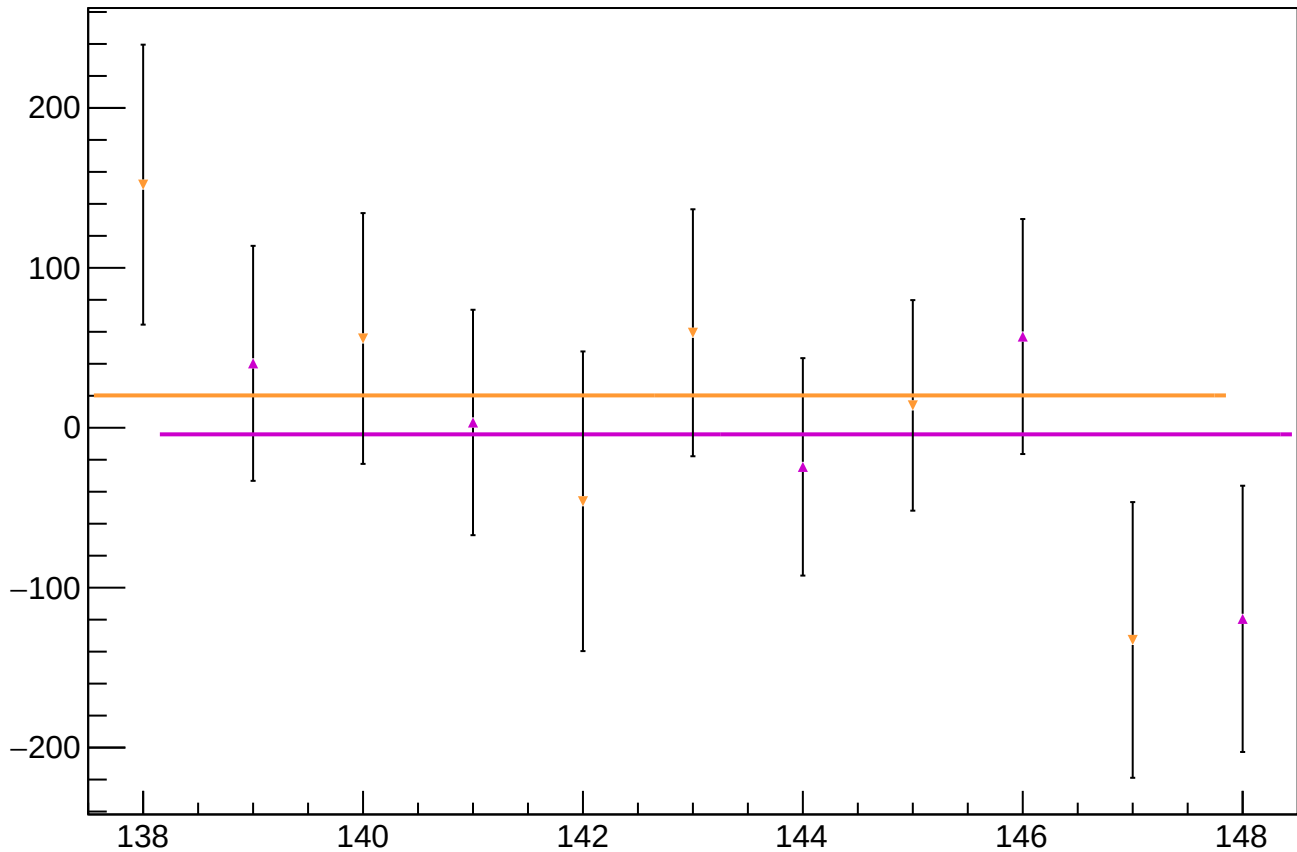
asym_sam8_rms vs Slug



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: 267.917 $\pm$ 0.095 χ^2 /NDF:231673.0/4

+ sign 216.397 $\pm$ 0.051 χ^2 /NDF: 3777367.9/22
 All: 205.117 $\pm$ 0.035 χ^2 /NDF: 8963625.7/46
 - sign 195.556 $\pm$ 0.047 χ^2 /NDF: 5096747.9/23

dit_asym_sam_15_avg_mean vs Slug



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

Left Out: 20.225 $\pm$ 32.617 χ^2 /NDF:6.4/5

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

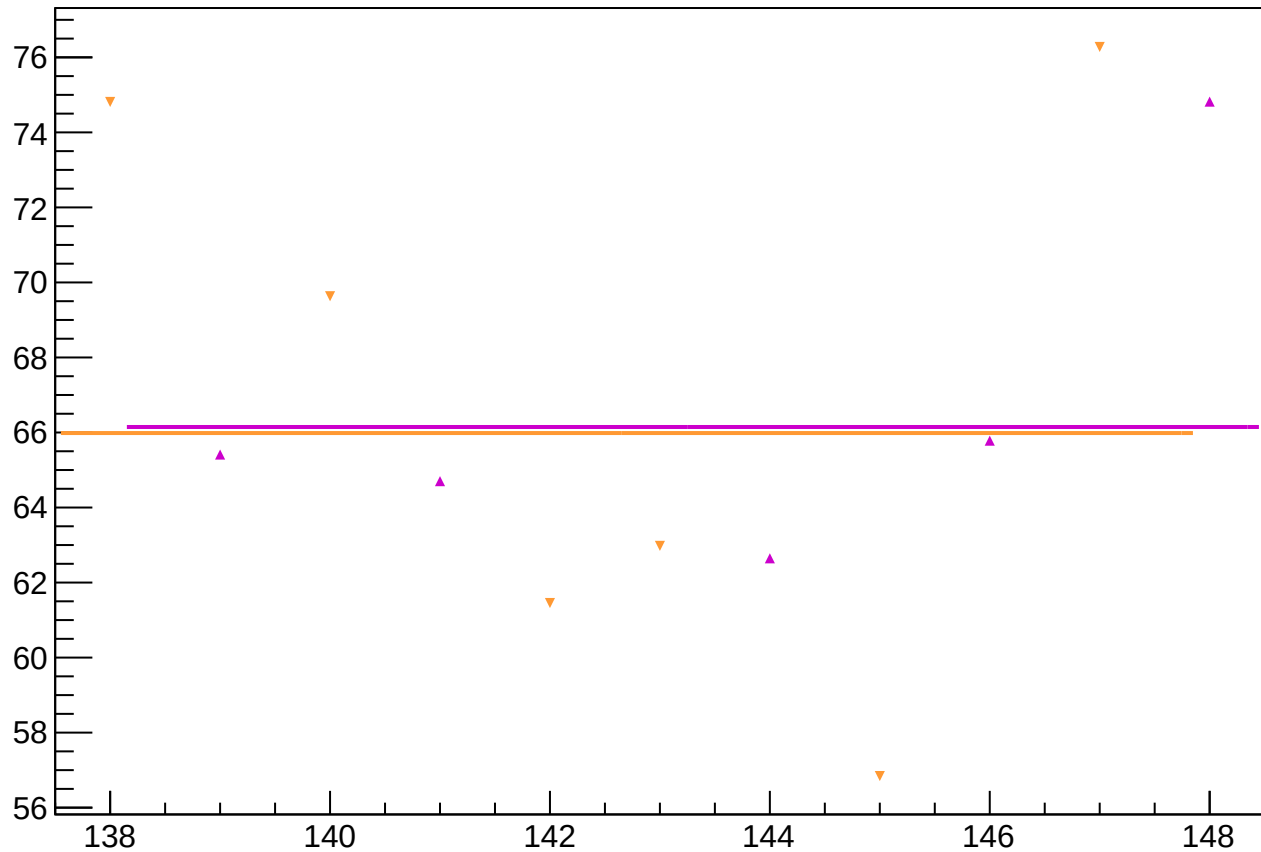
Left In: -4.121 $\pm$ 32.750 χ^2 /NDF:3.1/4

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

All: 8.101 $\pm$ 23.110 χ^2 /NDF: 9.7/10

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

dit_asym_sam_15_avg_rms vs Slug



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

Left Out: 65.985+/-0.023 χ^2/NDF : 99440.7/5

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

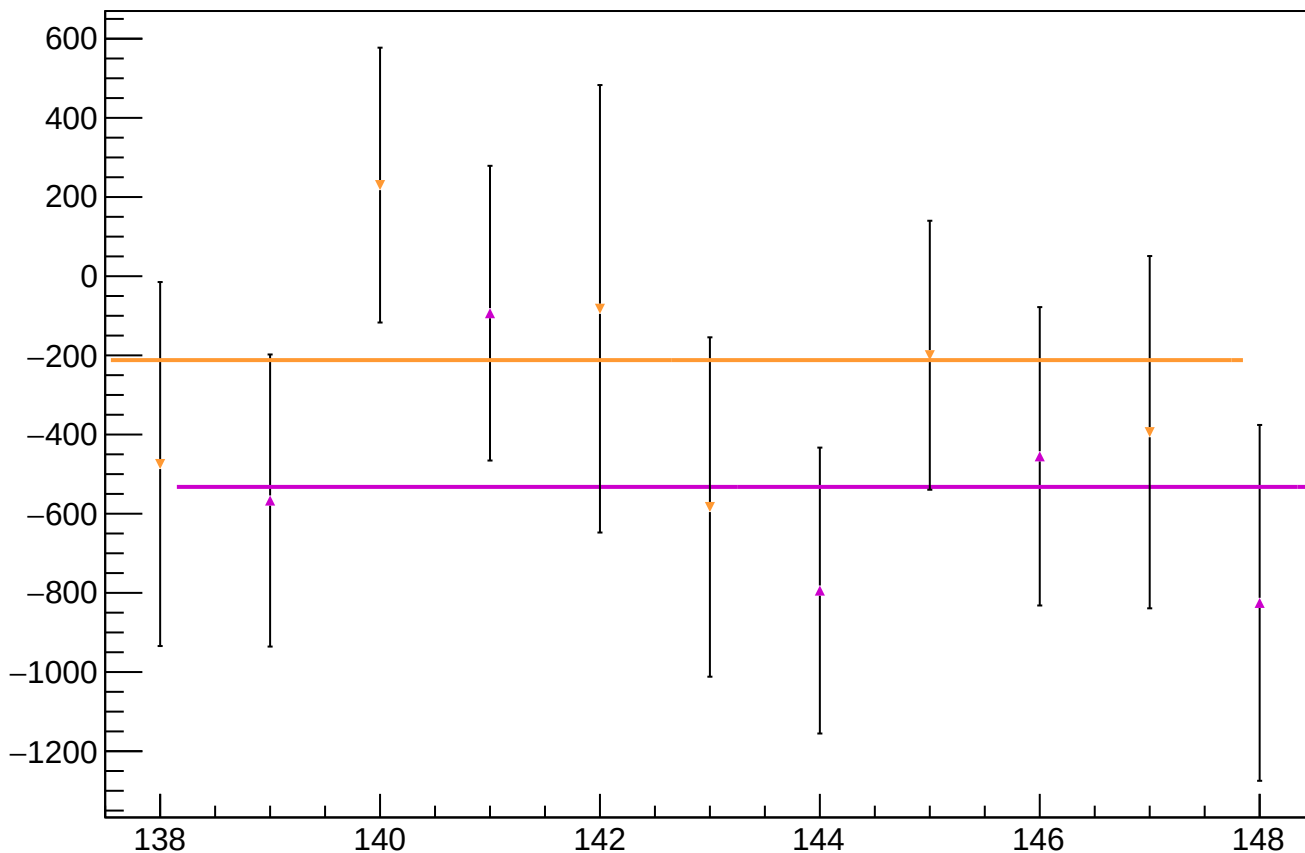
Left In: 66.147+/-0.023 χ^2/NDF : 28096.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.066+/-0.016 χ^2/NDF : 127561.3/10

- 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

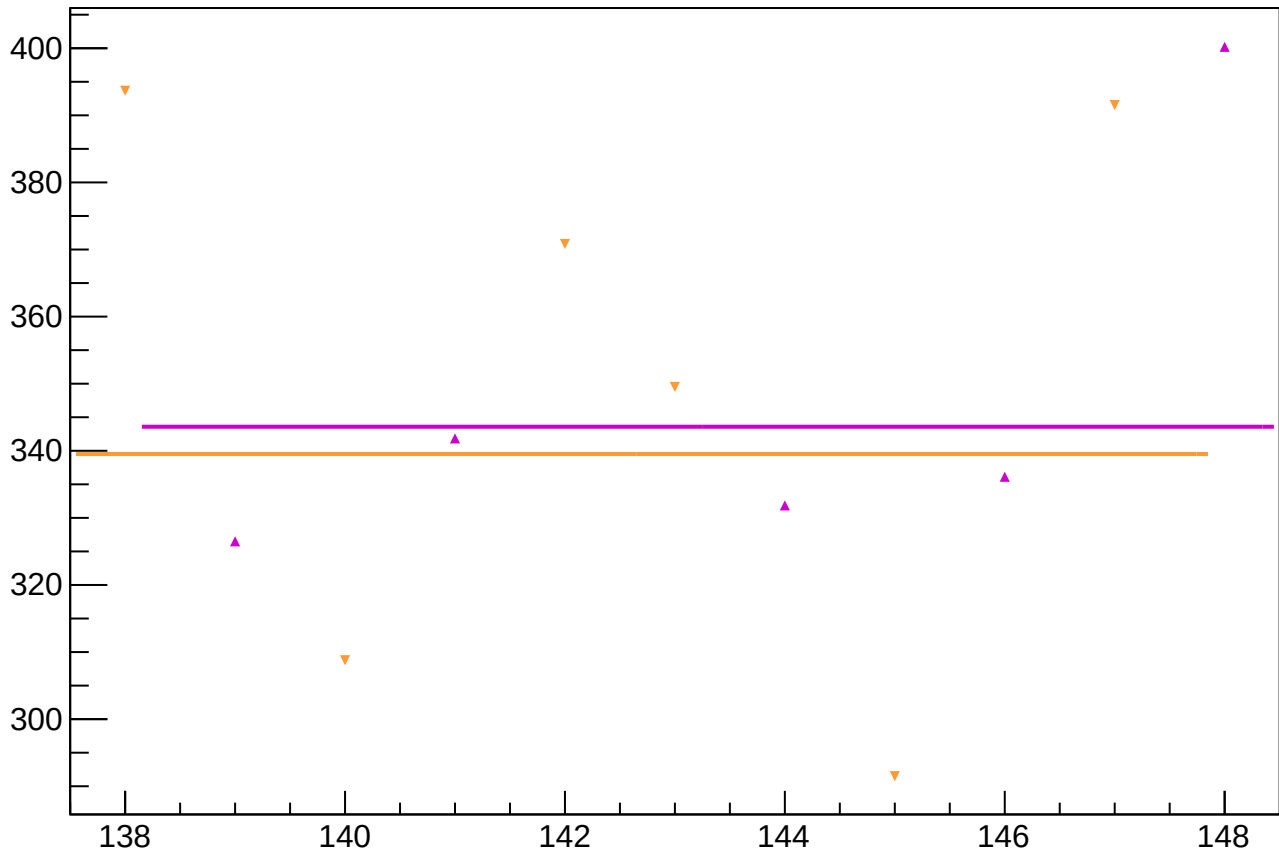
Left In: -532.277+/-170.953 χ^2/NDF : 2.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -369.615+/-119.929 χ^2/NDF : 7.1/10

- 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

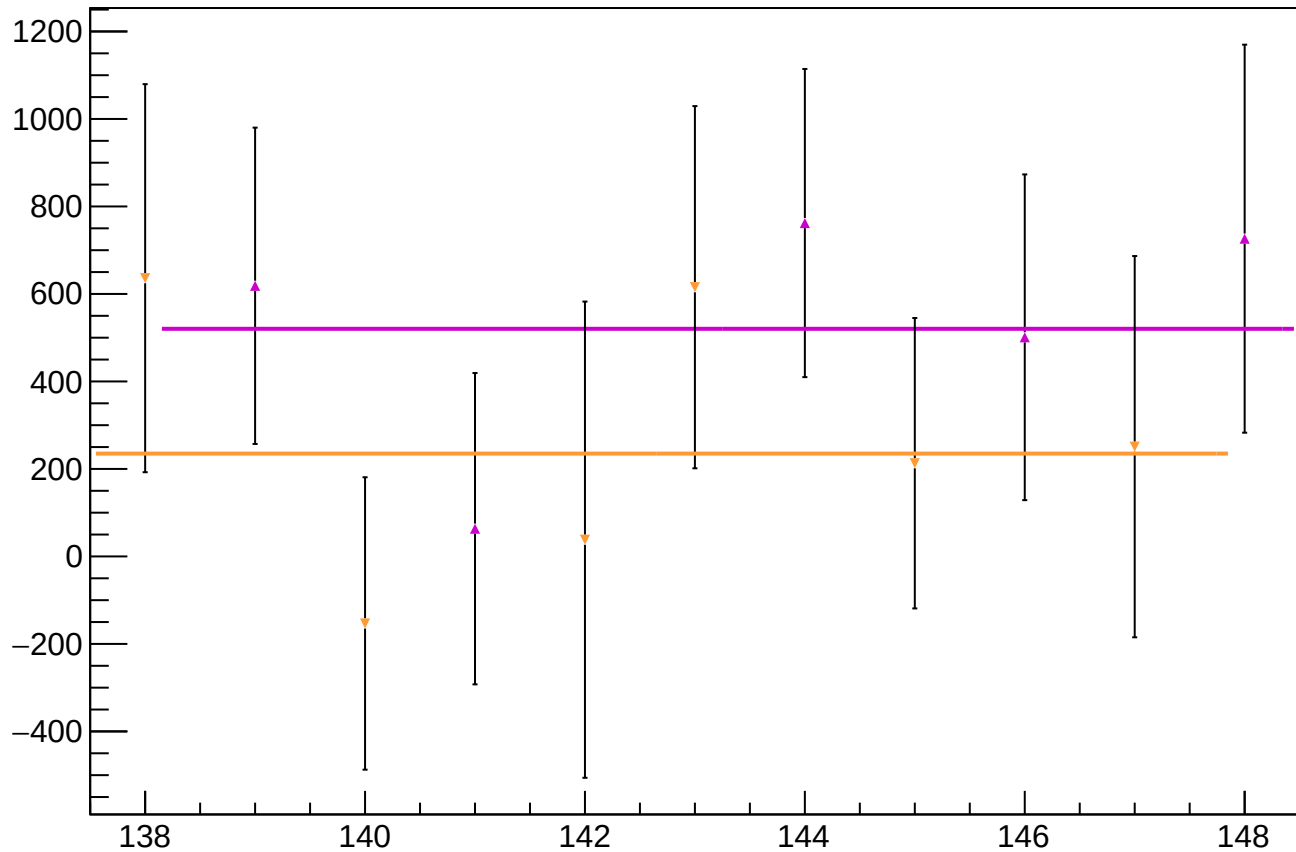
Left In: 343.585+/-0.121 χ^2/NDF : 38962.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.522+/-0.085 χ^2/NDF : 157436.8/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



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

Left Out: 235.075+/-163.111 χ^2/NDF : 3.1/5

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

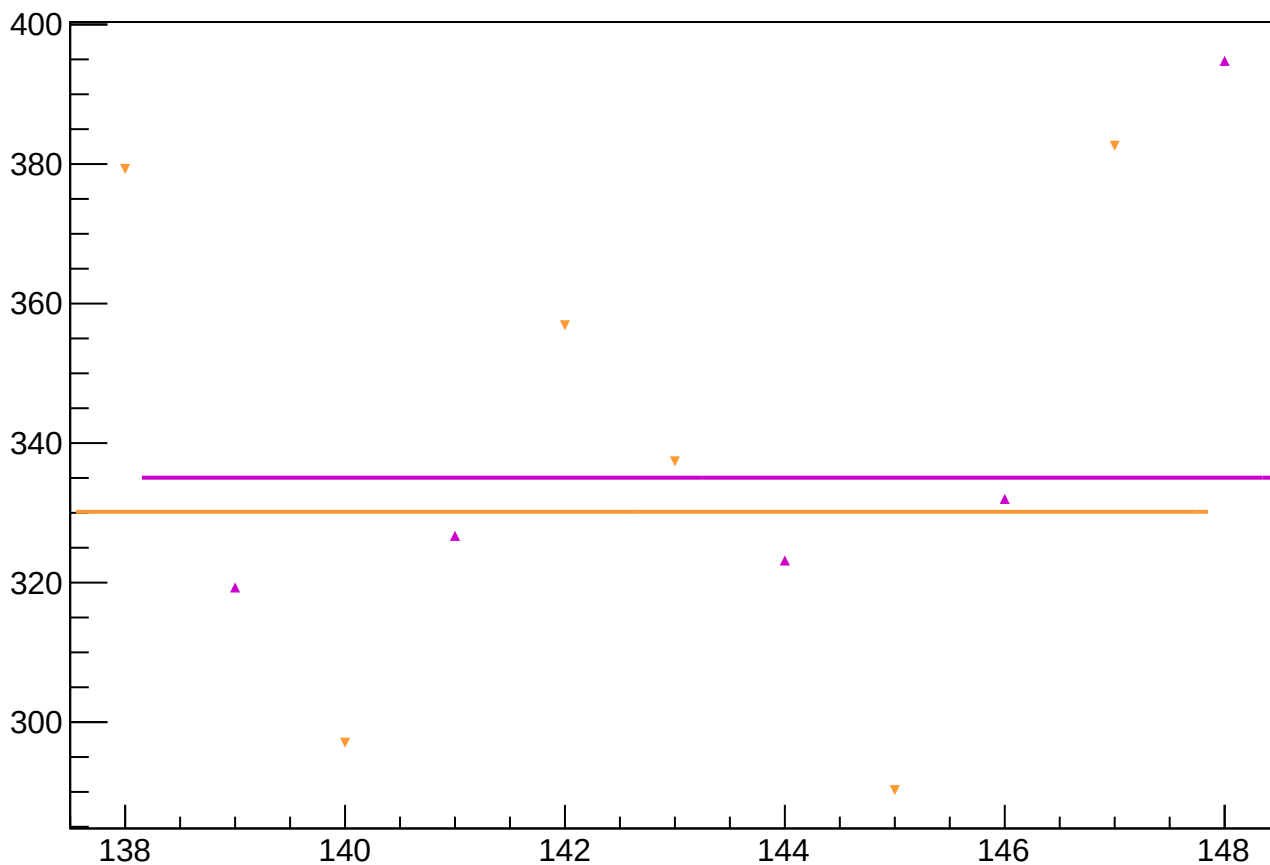
Left In: 520.331+/-166.882 χ^2/NDF : 2.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.443+/-116.647 χ^2/NDF : 7.1/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_rms vs Slug



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

Left Out: 330.148+/-0.115 χ^2/NDF :107476.8/5

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

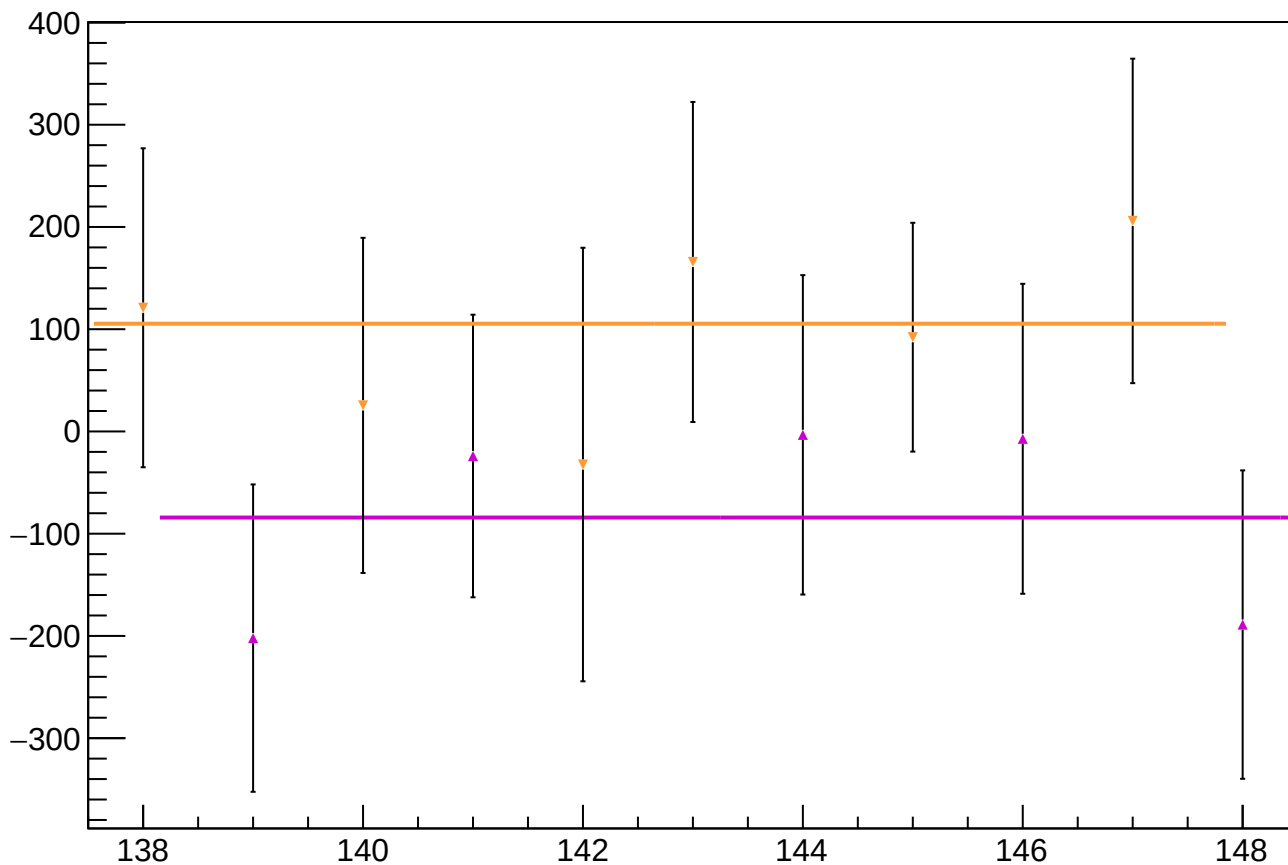
Left In: 335.043+/-0.118 χ^2/NDF :43587.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 332.539+/-0.082 χ^2/NDF : 151944.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



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

Left Out: 105.399+/-61.903 χ^2/NDF : 1.2/5

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

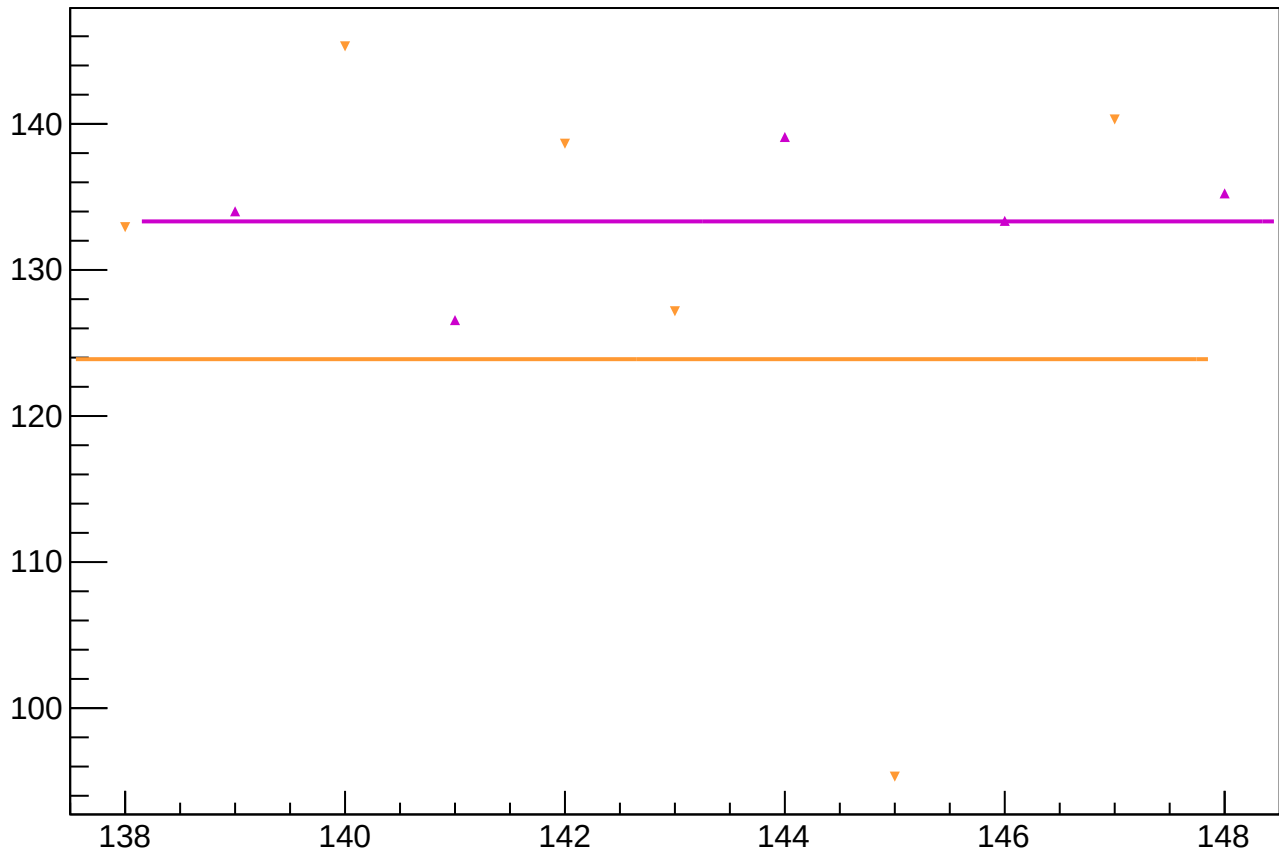
Left In: -84.221+/-66.656 χ^2/NDF : 1.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.589+/-45.359 χ^2/NDF : 7.4/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_rms vs Slug



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

Left Out: 123.892+/-0.044 χ^2/NDF : 203296.0/5

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

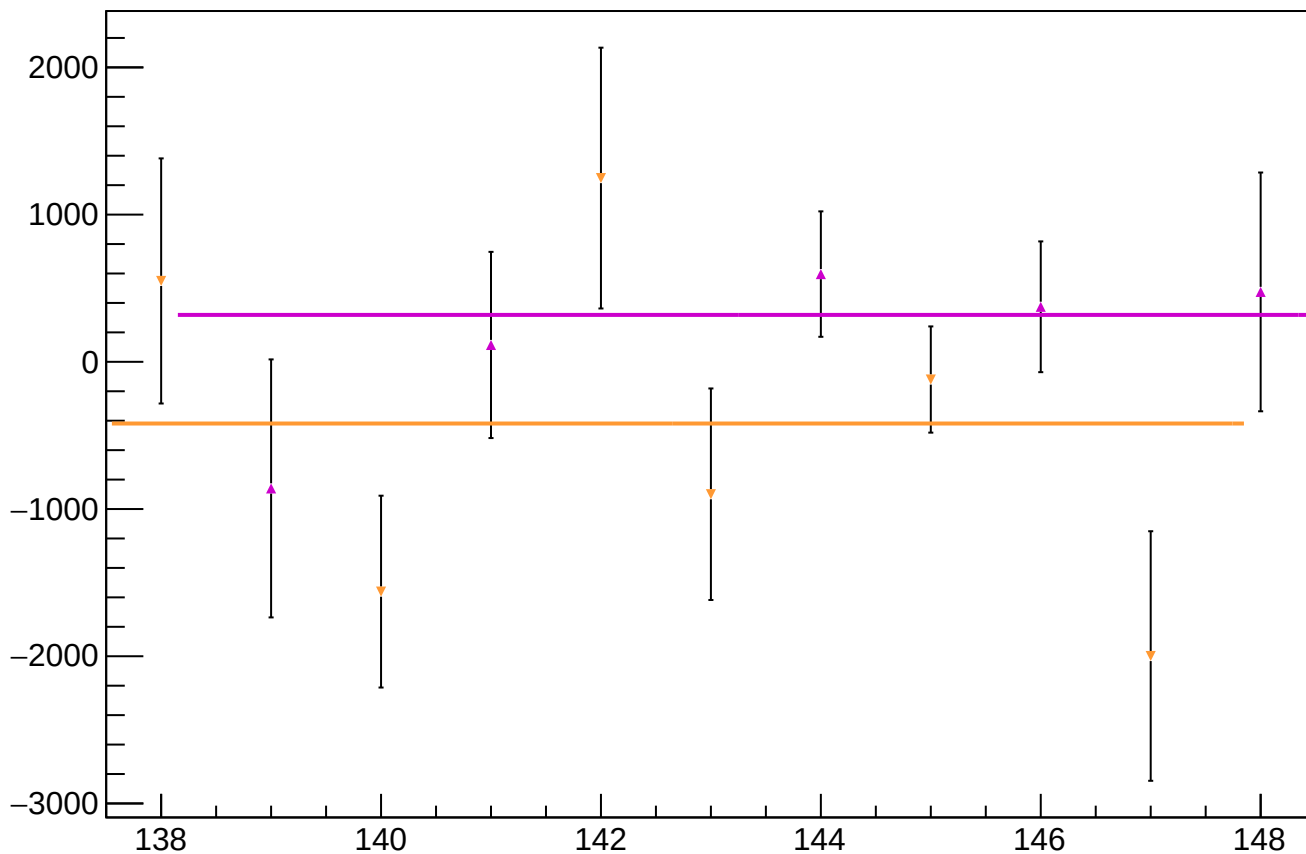
Left In: 133.324+/-0.047 χ^2/NDF : 7884.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.260+/-0.032 χ^2/NDF : 232684.2/10

- 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

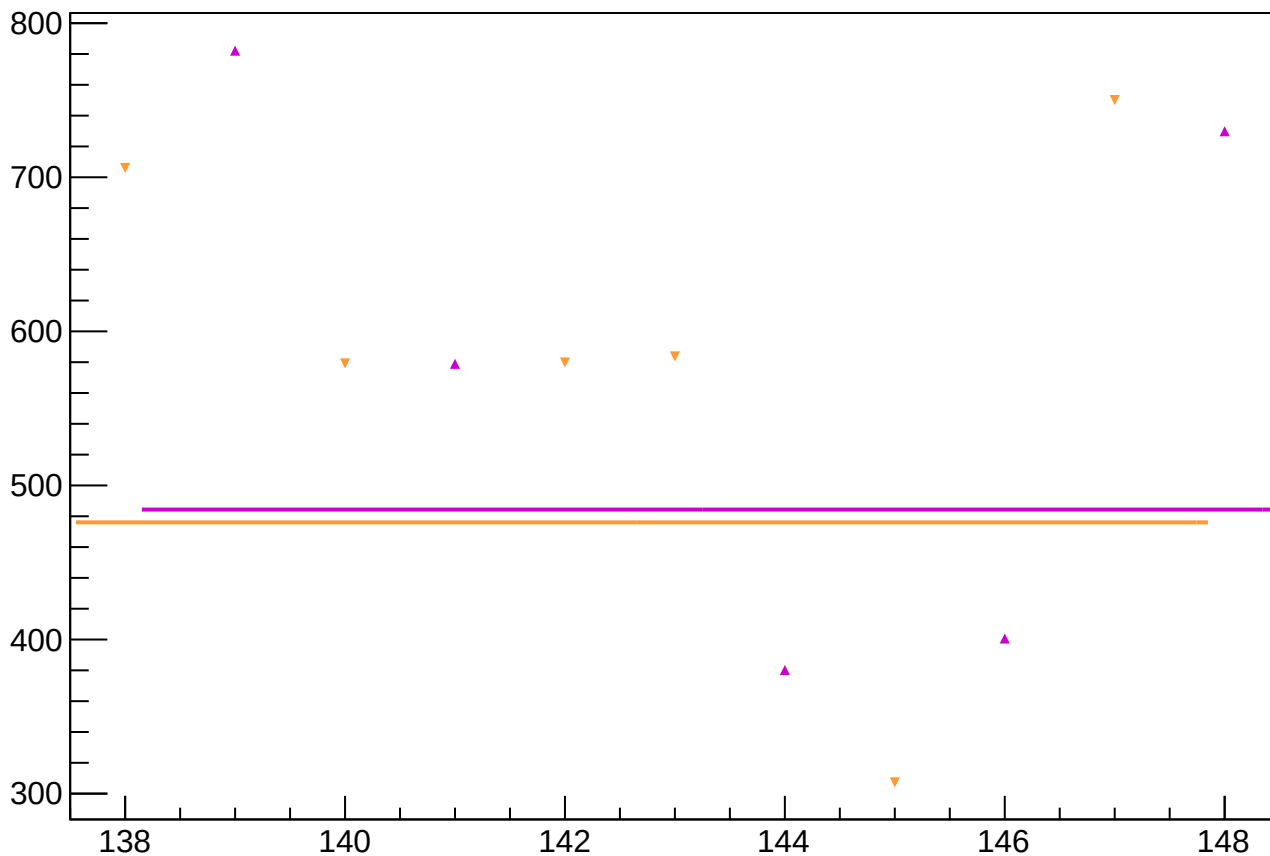
Left In: 318.676+/-250.771 χ^2/NDF : 2.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.336+/-176.810 χ^2/NDF : 19.3/10

- 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

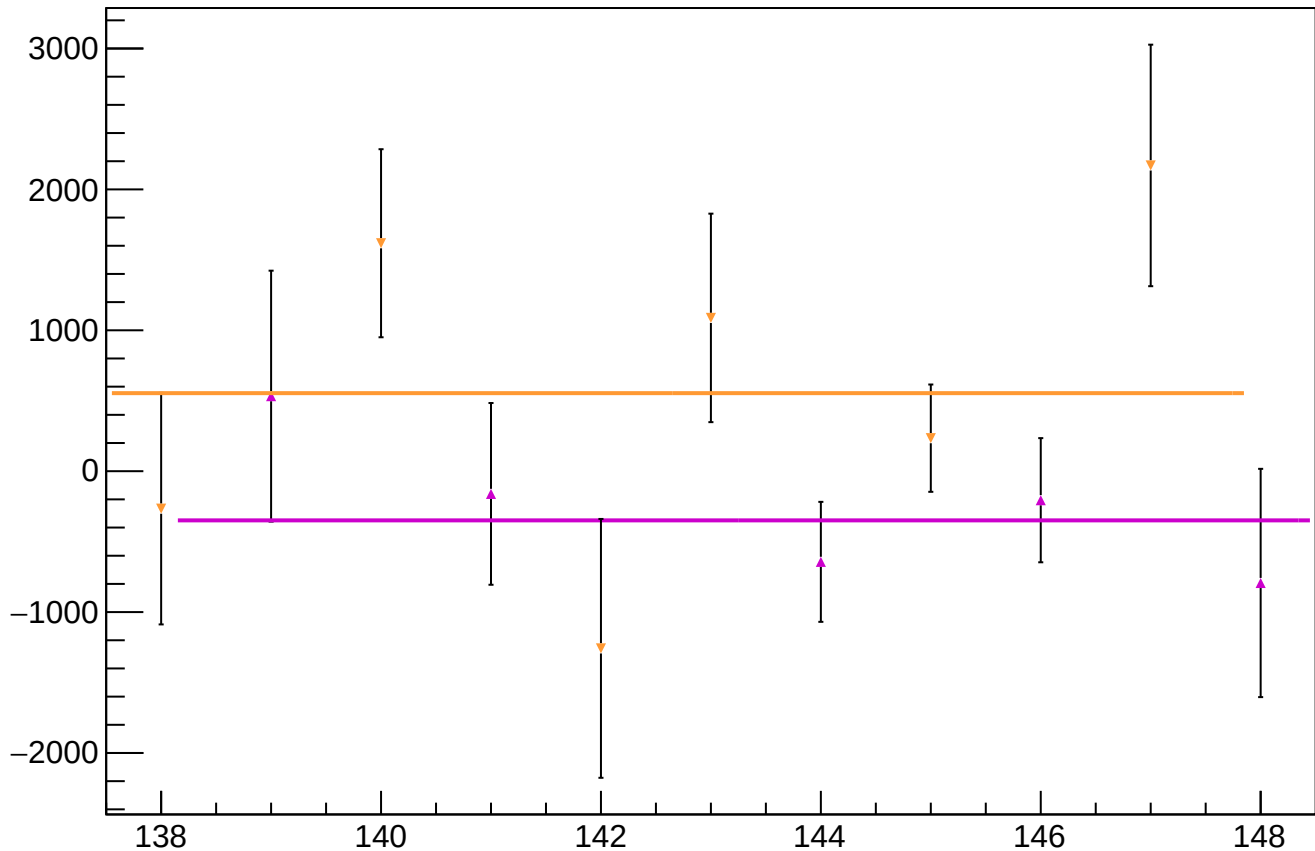
Left In: 484.347+/-0.177 χ^2/NDF : 649478.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.178+/-0.125 χ^2/NDF : 1572399.2/10

- 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

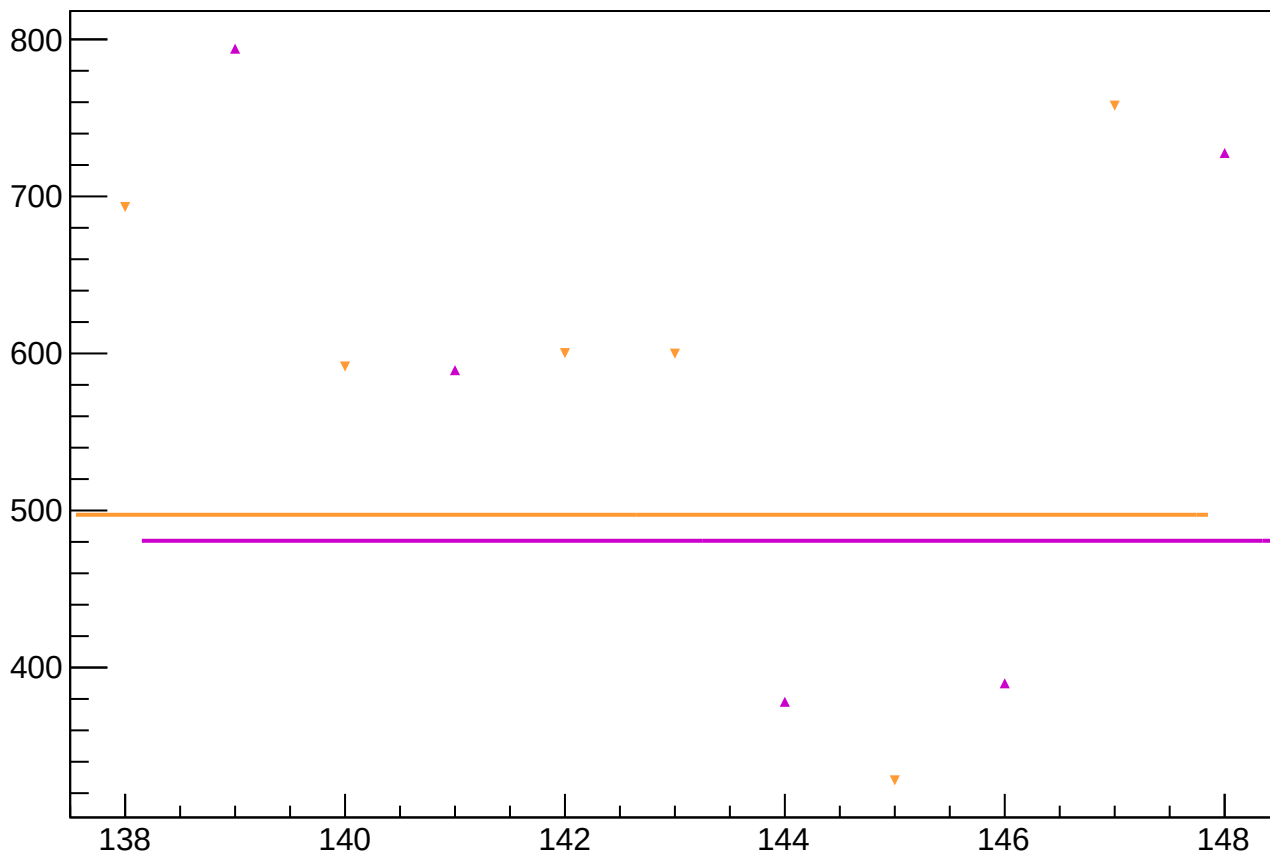
Left In: -349.060+/-251.143 χ^2/NDF :1.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.851+/-180.041 χ^2/NDF : 20.4/10

- 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

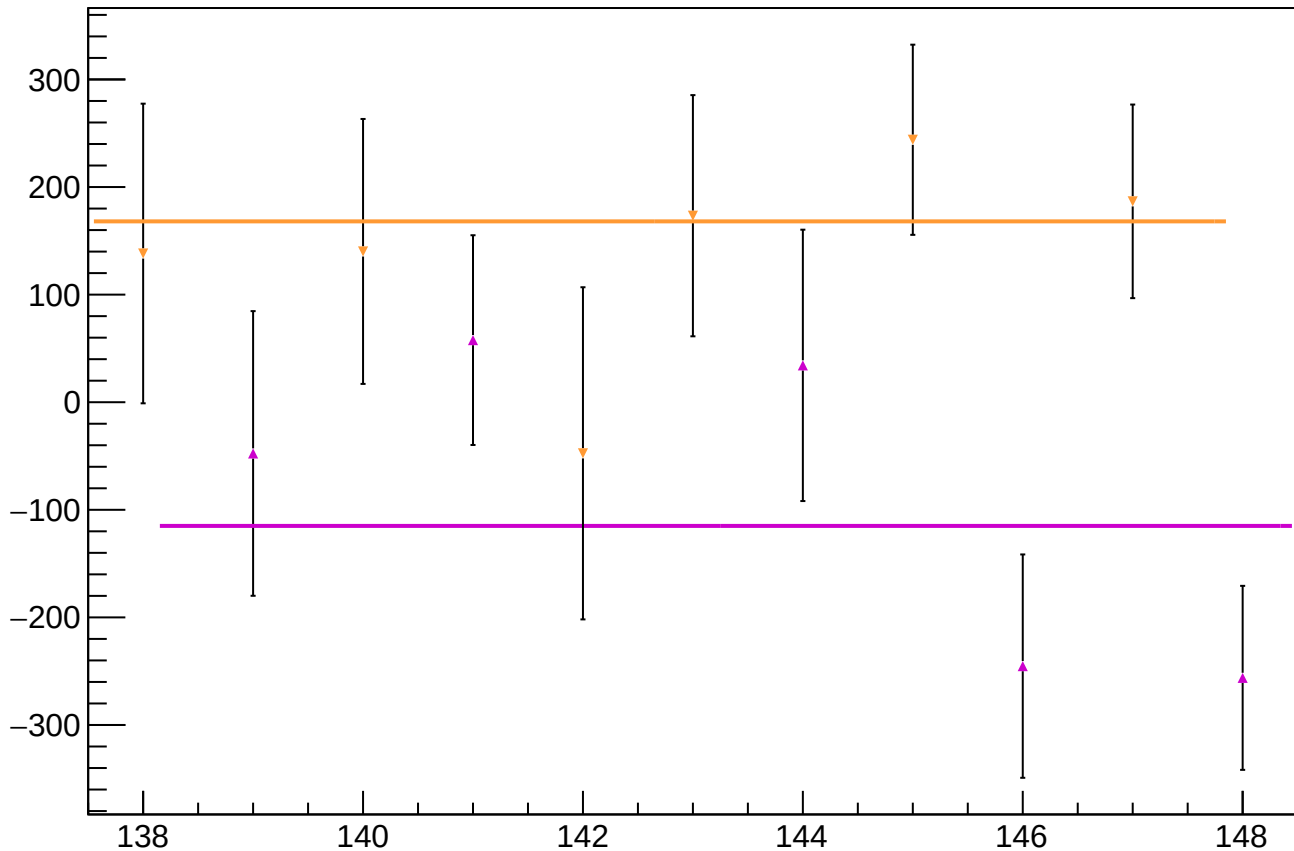
Left In: 480.718+/-0.178 χ^2/NDF : 691003.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.765+/-0.127 χ^2/NDF : 1491834.5/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug



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

Left Out: 168.088 $\pm$ 45.145 χ^2 /NDF: 2.8/5

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

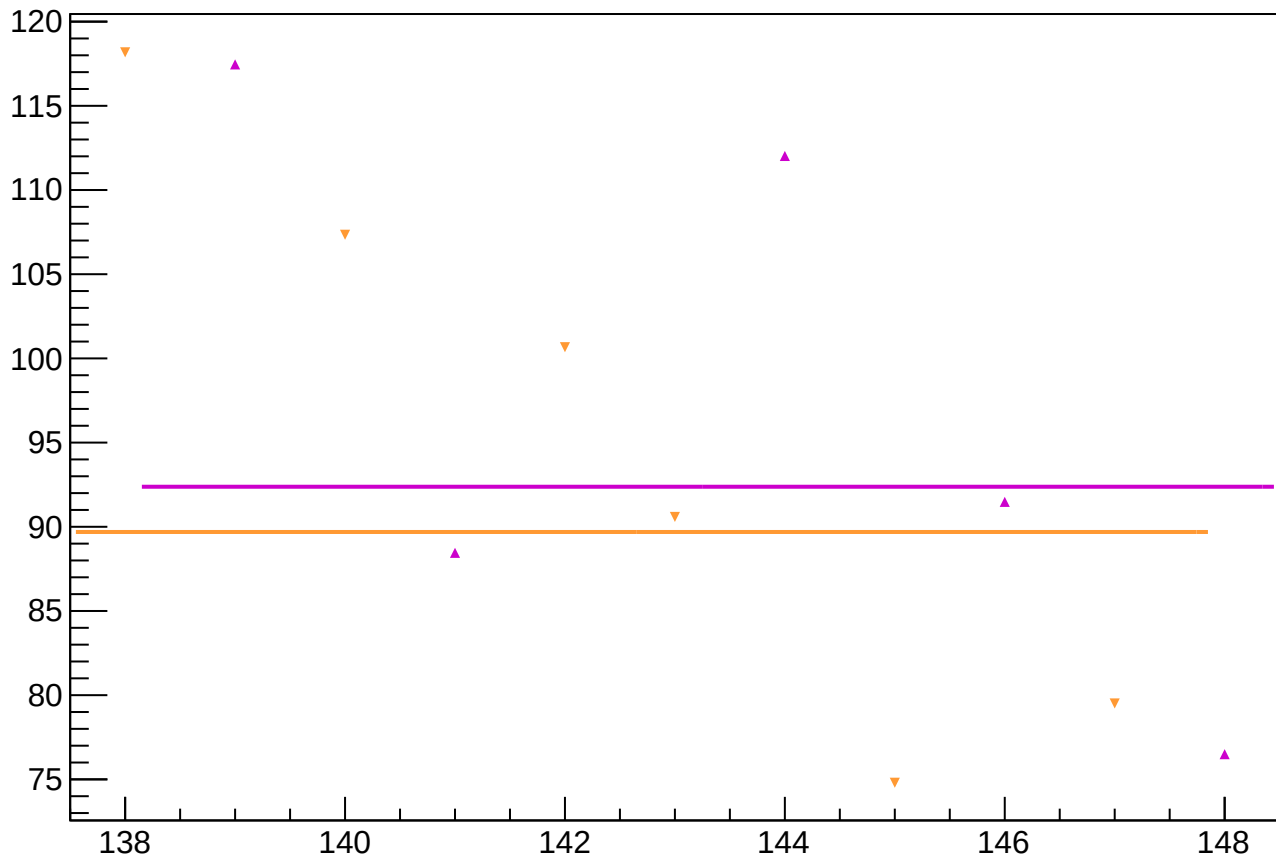
Left In: -114.965 $\pm$ 46.890 χ^2 /NDF: 9.1/4

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

All: 31.927 $\pm$ 32.522 χ^2 /NDF: 30.8/10

- sign 0.000 $\pm$ 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

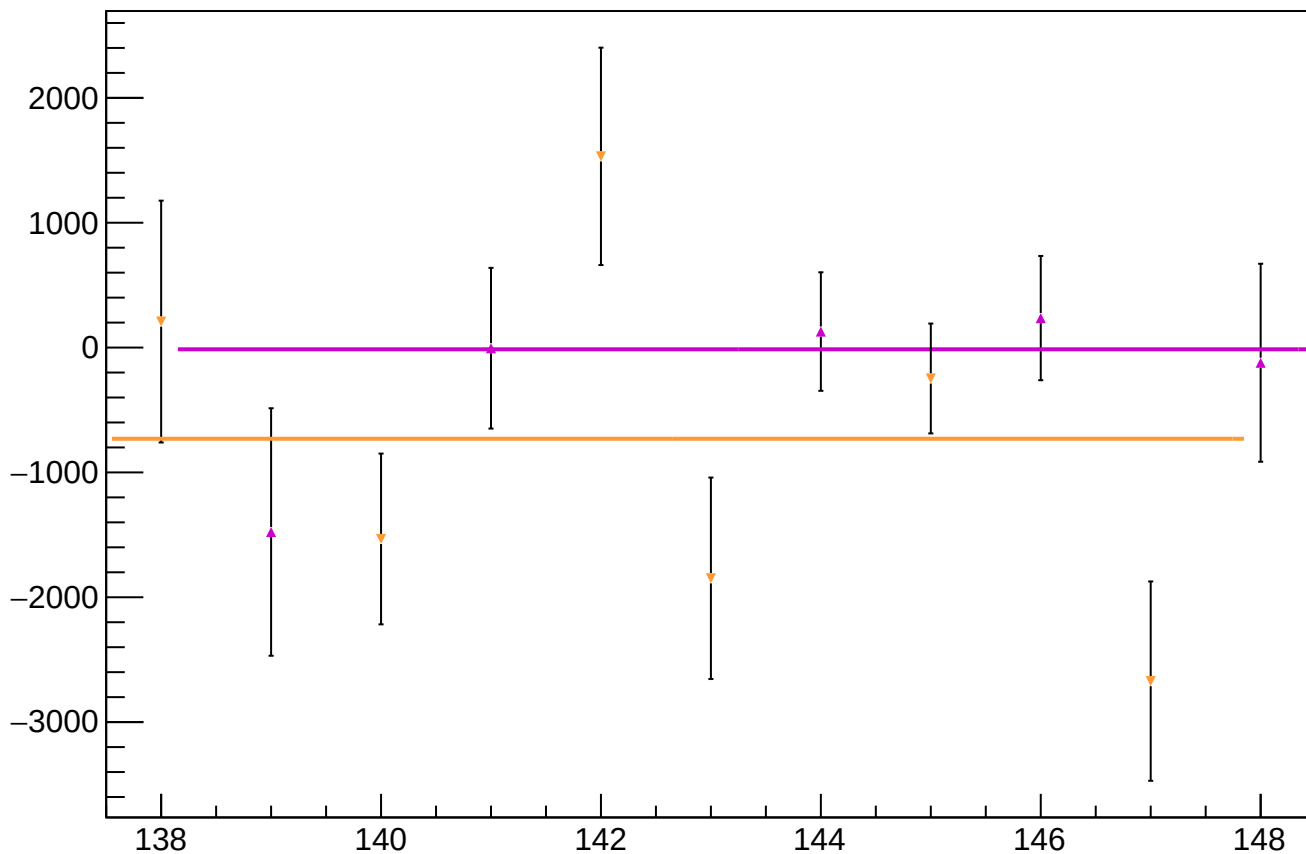
Left In: 92.379+/-0.033 χ^2/NDF : 192797.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.984+/-0.023 χ^2/NDF : 413644.4/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_correction_mean vs Slug



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

Left Out: -730.258+/-279.563 χ^2/NDF : 18.1/5

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

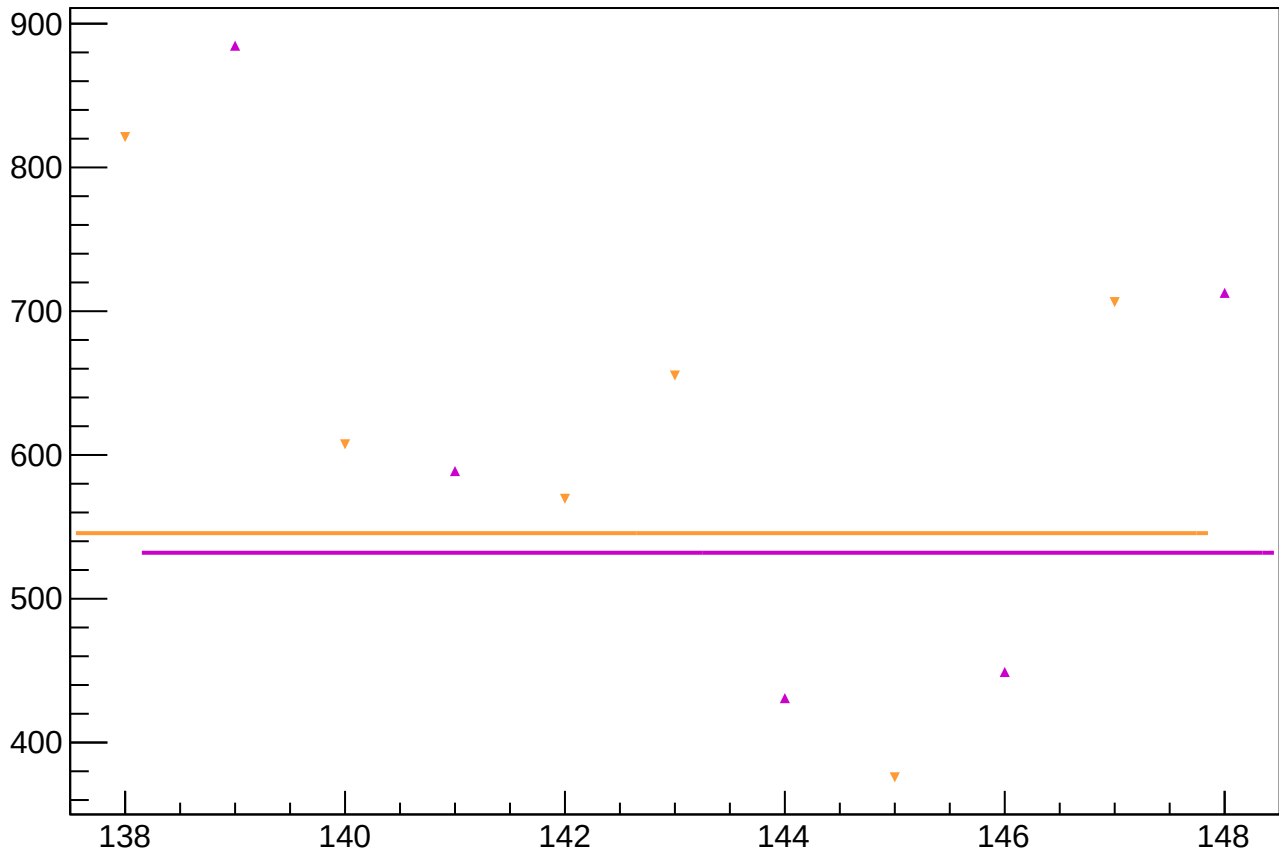
Left In: -13.810+/-272.190 χ^2/NDF : 2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -362.462+/-195.022 χ^2/NDF : 24.0/10

- sign 0.000+/-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

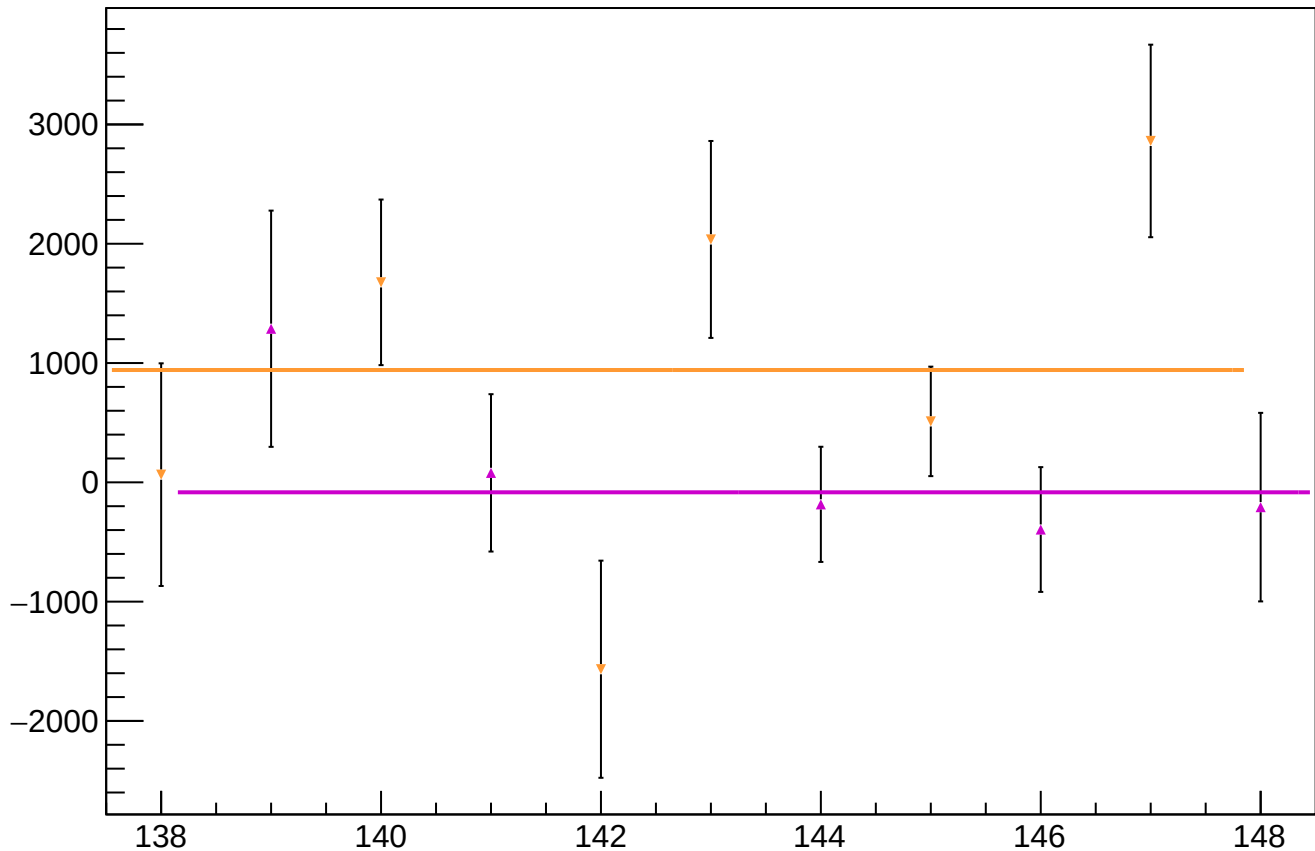
Left In: 531.995+/-0.192 χ^2/NDF : 519007.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.631+/-0.138 χ^2/NDF : 1117130.2/10

- 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

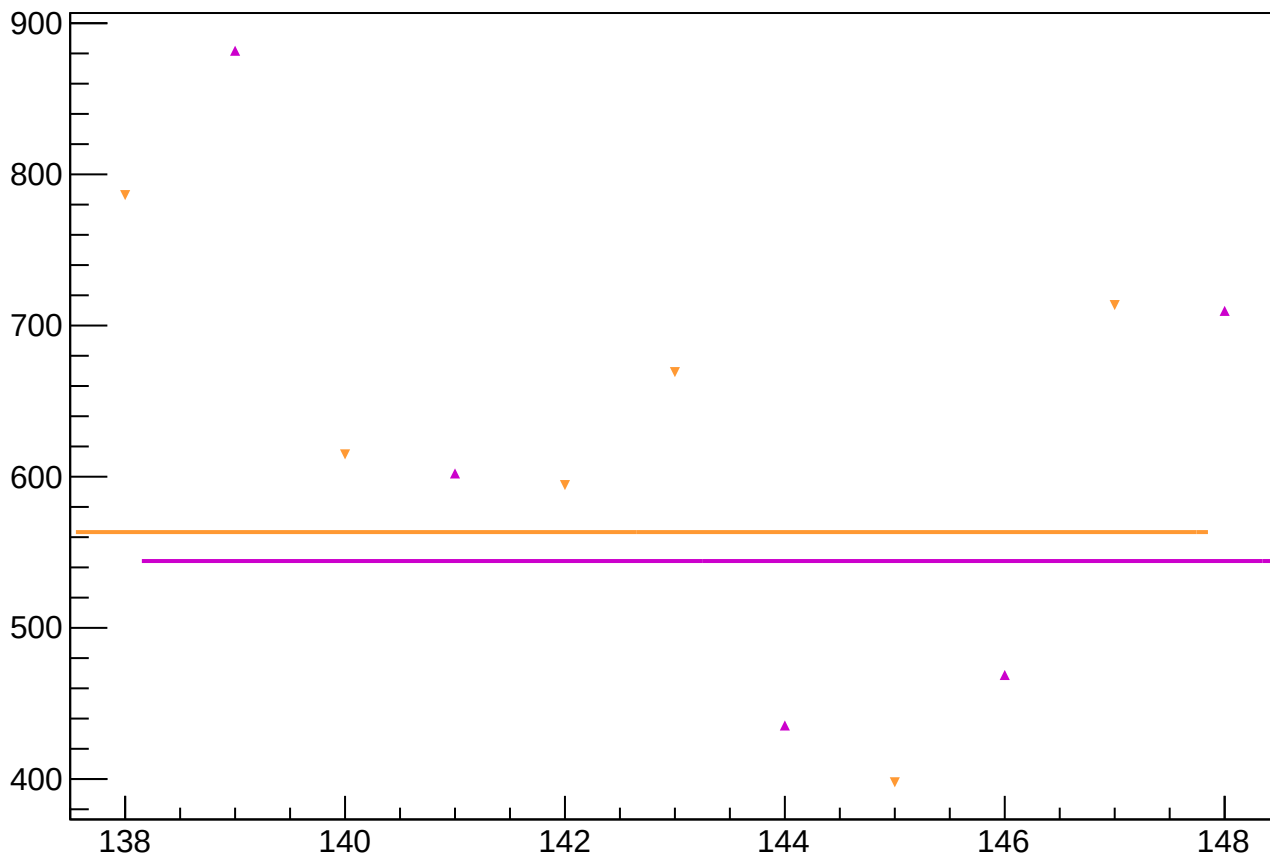
Left In: -83.518+/-278.748 χ^2/NDF : 2.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.047+/-199.780 χ^2/NDF : 26.9/10

- 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

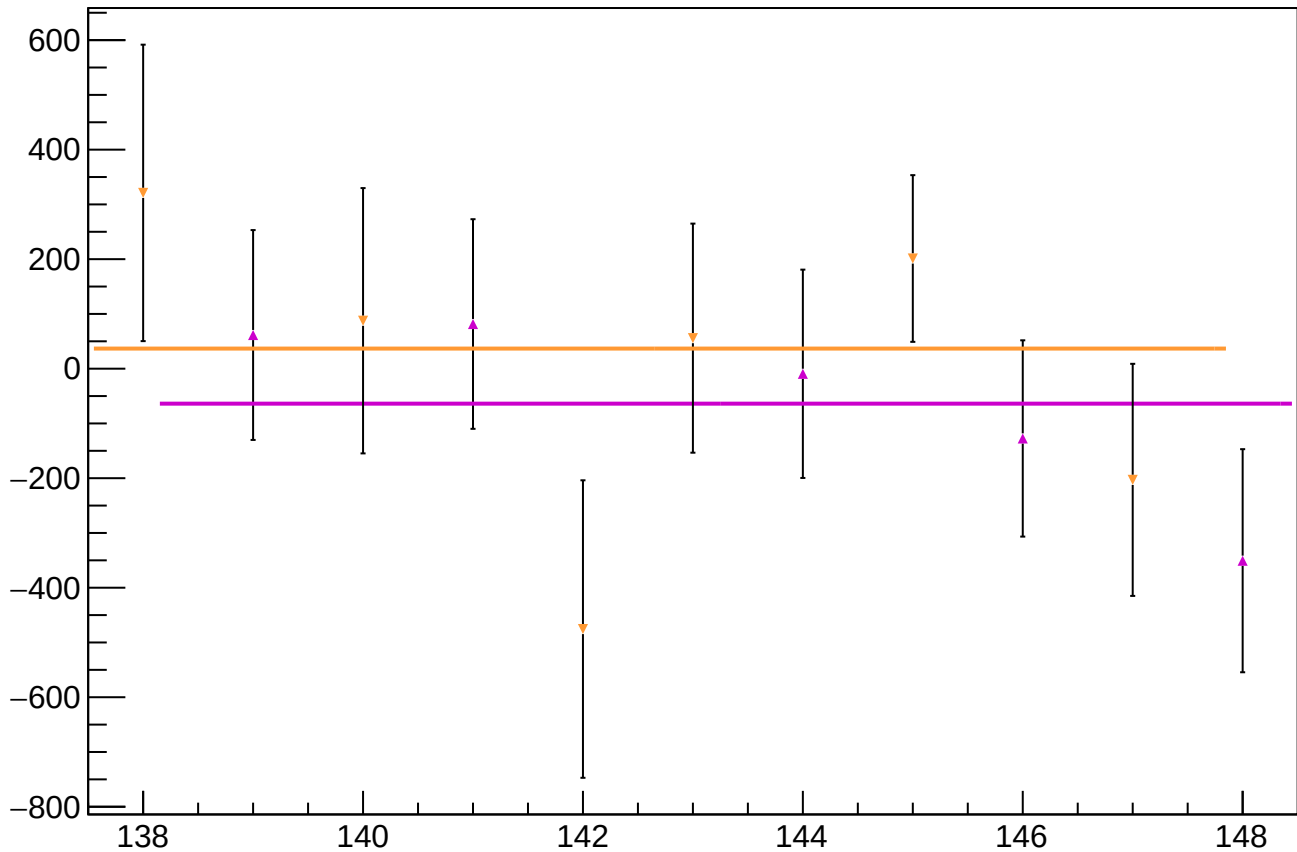
Left In: 544.217+/-0.197 χ^2/NDF : 478781.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.529+/-0.141 χ^2/NDF : 973193.3/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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

Left Out: 36.723+/-86.869 χ^2/NDF : 7.2/5

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

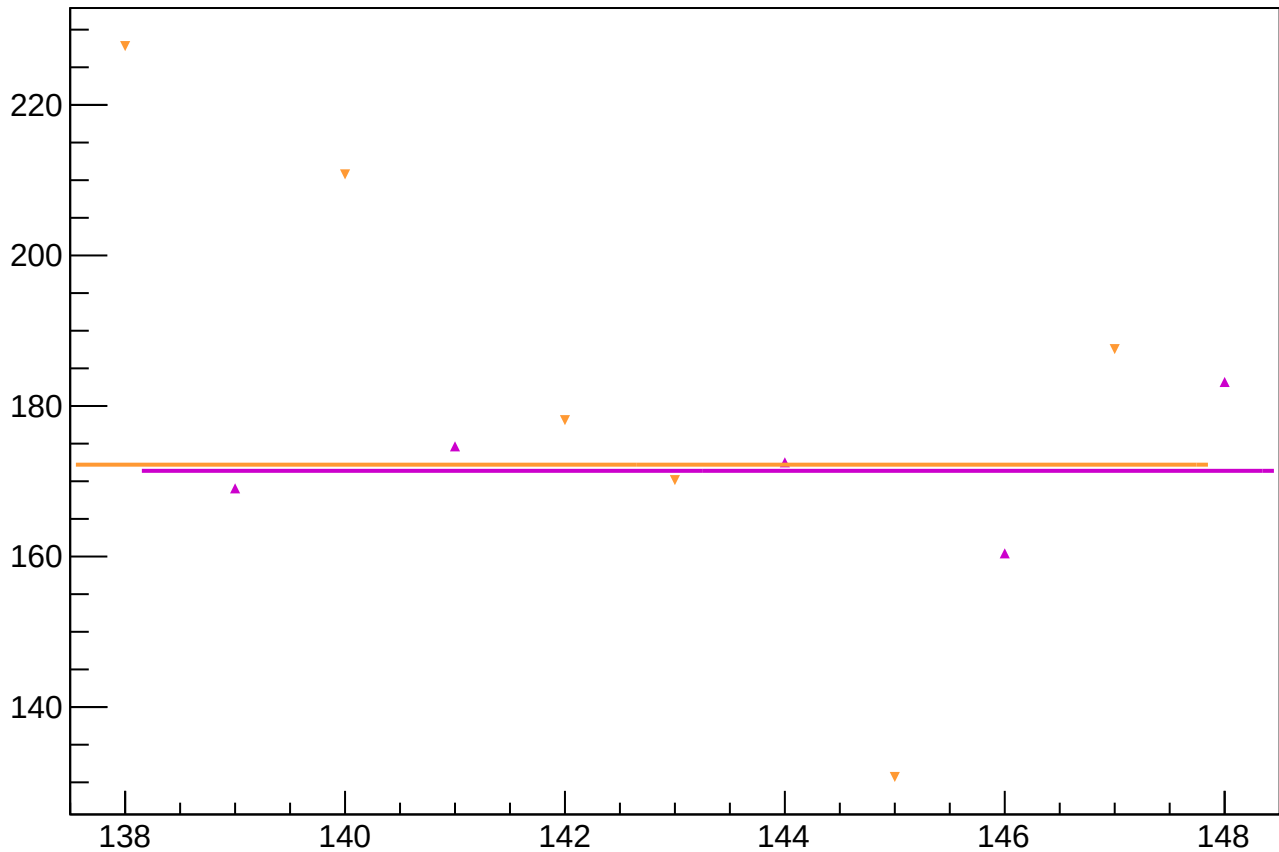
Left In: -63.873+/-85.314 χ^2/NDF : 3.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.483+/-60.869 χ^2/NDF : 11.0/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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

Left Out: 172.205+/-0.061 χ^2/NDF :295335.1/5

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

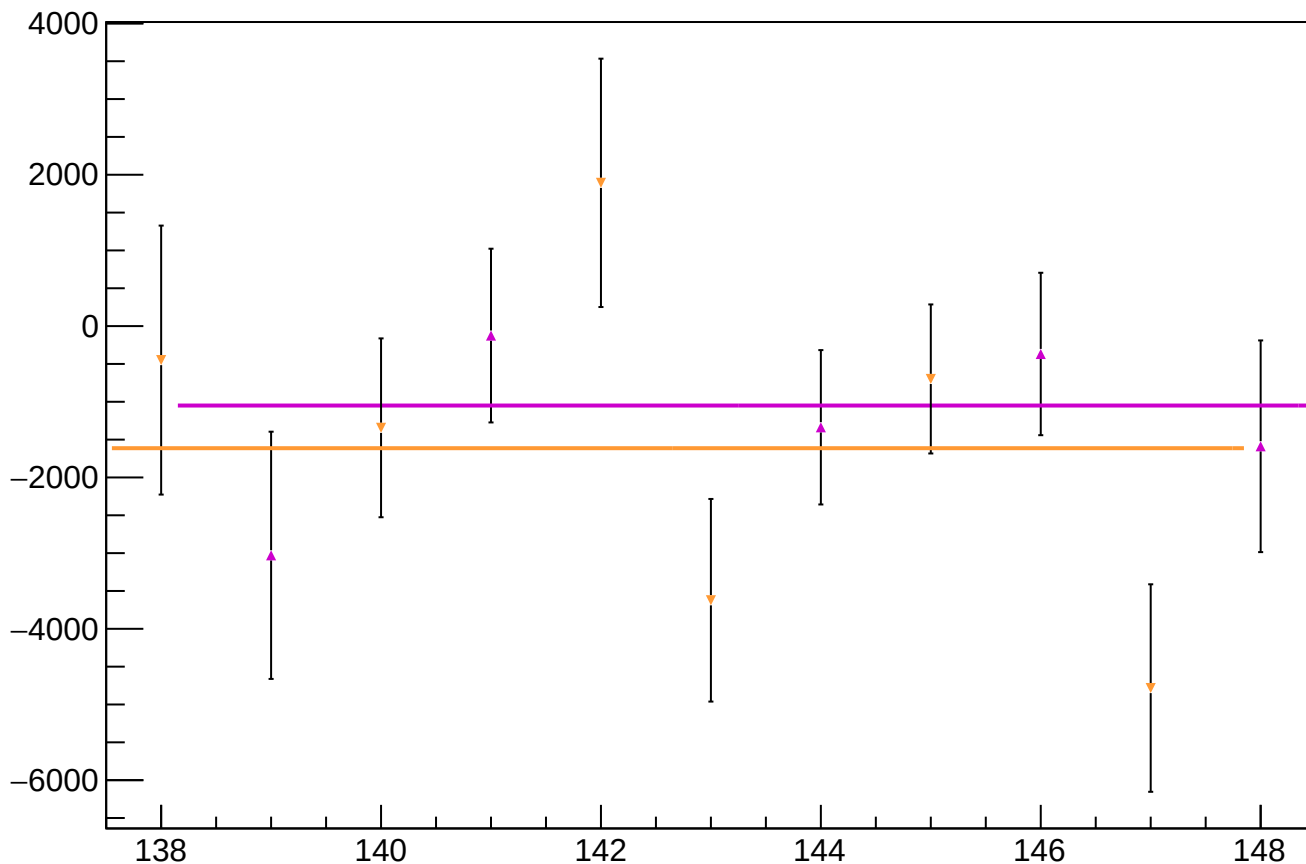
Left In: 171.386+/-0.060 χ^2/NDF :15142.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.788+/-0.043 χ^2/NDF : 310568.5/10

- 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

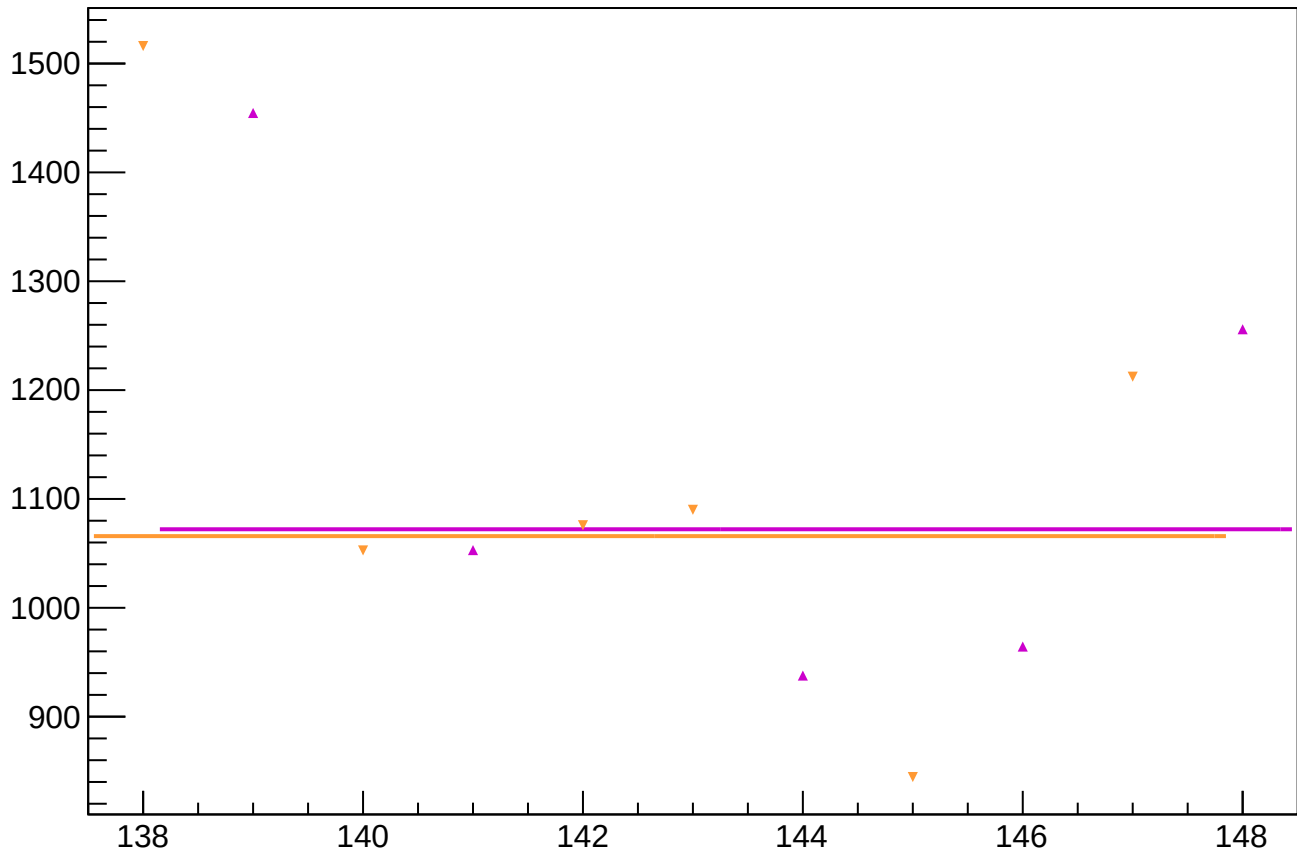
Left In: -1049.655+/-536.462 χ^2/NDF : 2.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1333.566+/-377.956 χ^2/NDF : 16.8/10

- 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

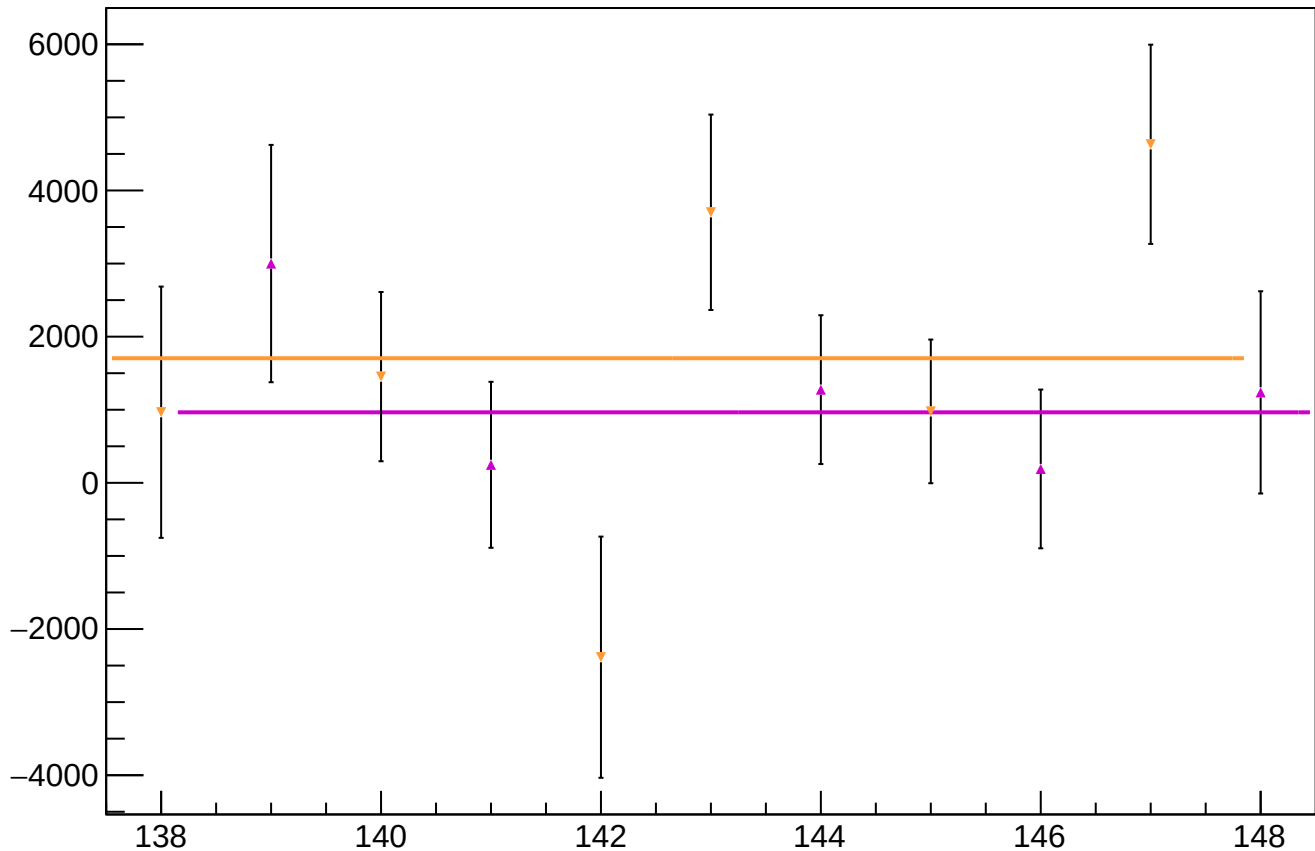
Left In: 1072.152+/-0.379 χ^2/NDF : 199596.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.980+/-0.267 χ^2/NDF : 452944.7/10

- 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

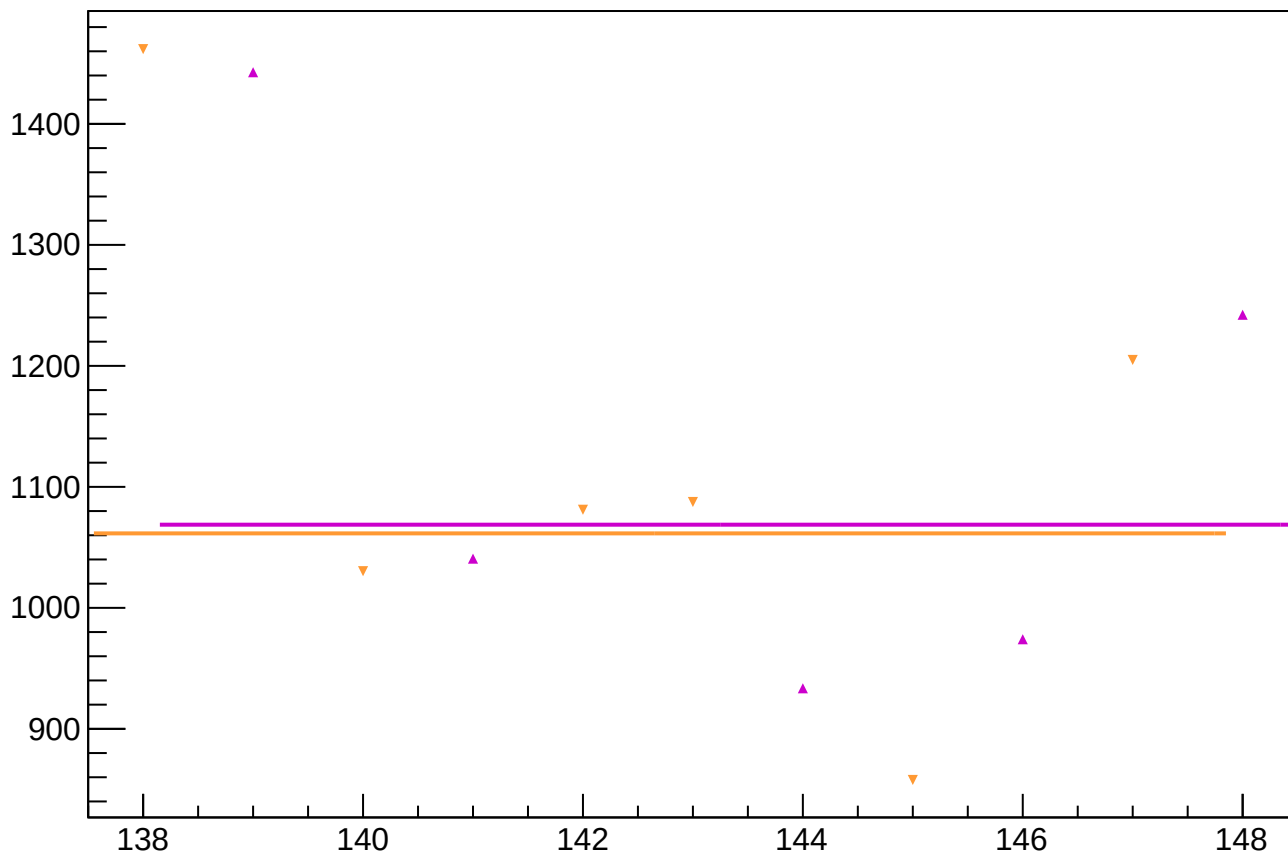
Left In: 964.884+/-535.228 χ^2/NDF : 2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.775+/-375.939 χ^2/NDF : 17.3/10

- 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

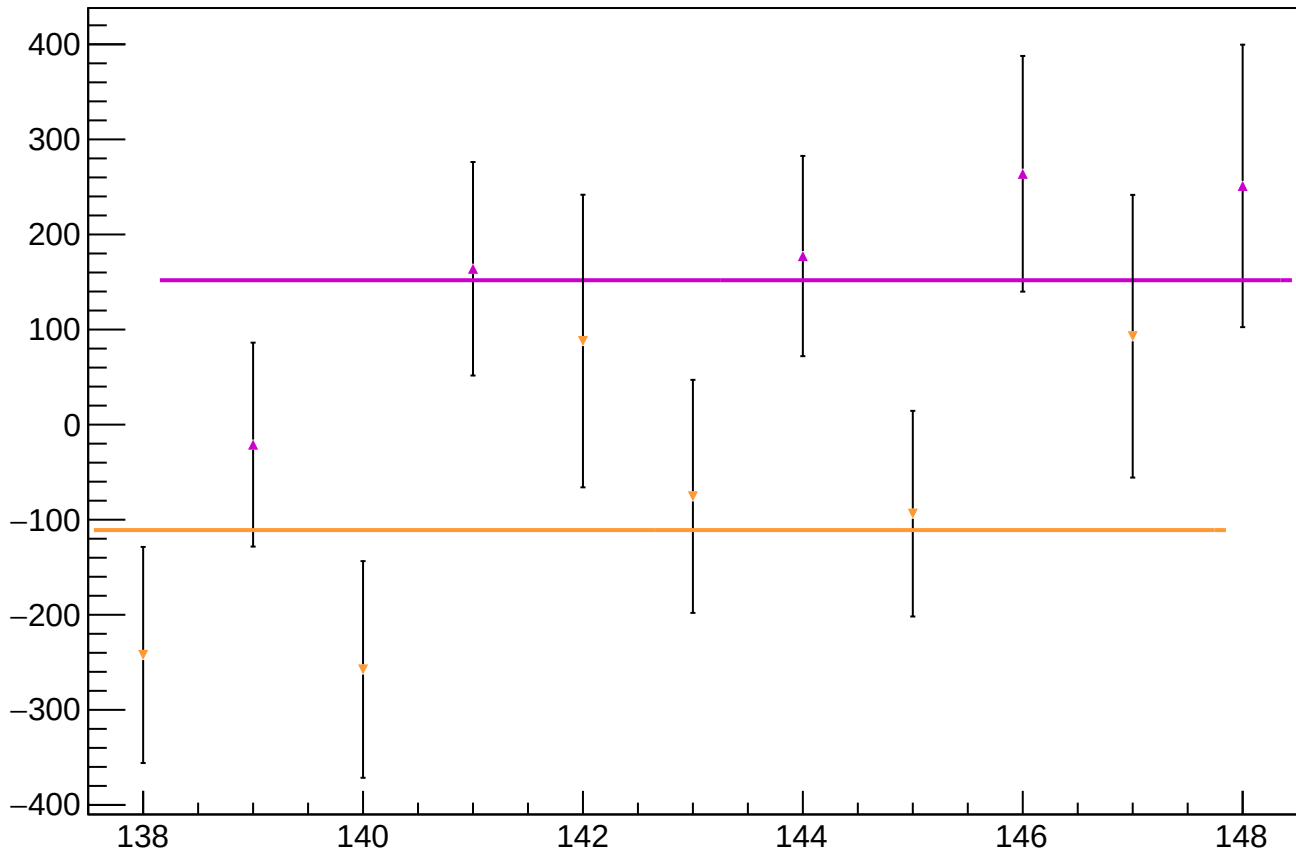
Left In: 1068.740+/-0.378 χ^2/NDF :189296.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1065.101+/-0.266 χ^2/NDF : 408509.9/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



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

Left Out: -110.924 $\pm$ 50.377 χ^2 /NDF:6.7/5

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

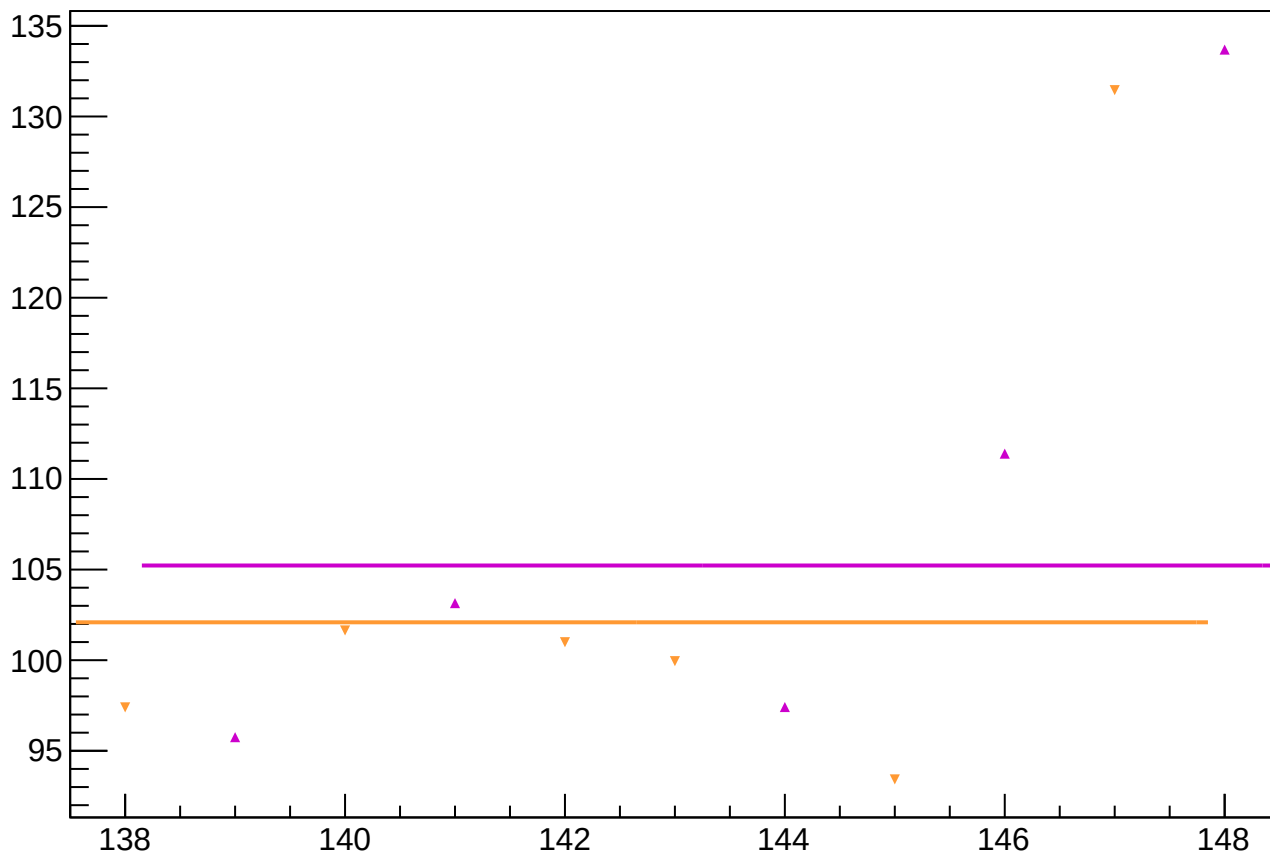
Left In: 151.882 $\pm$ 52.214 χ^2 /NDF:3.9/4

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

All: 15.774 $\pm$ 36.254 χ^2 /NDF: 23.7/10

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

dit_asym_sam_15_dd_rms vs Slug



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

Left Out: 102.090+/-0.036 χ^2/NDF : 95029.6/5

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

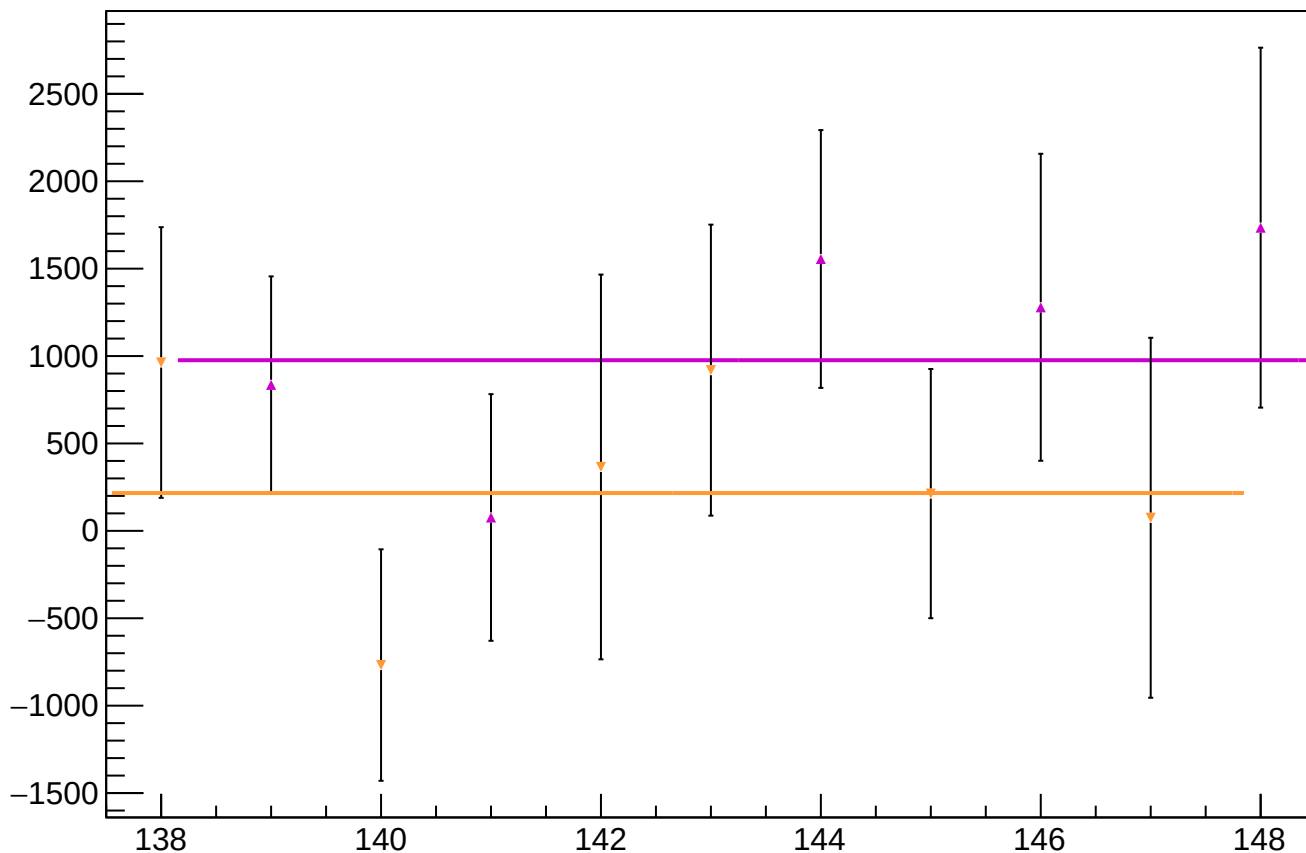
Left In: 105.225+/-0.037 χ^2/NDF : 105684.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.601+/-0.026 χ^2/NDF : 204446.6/10

- sign 0.000+/-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

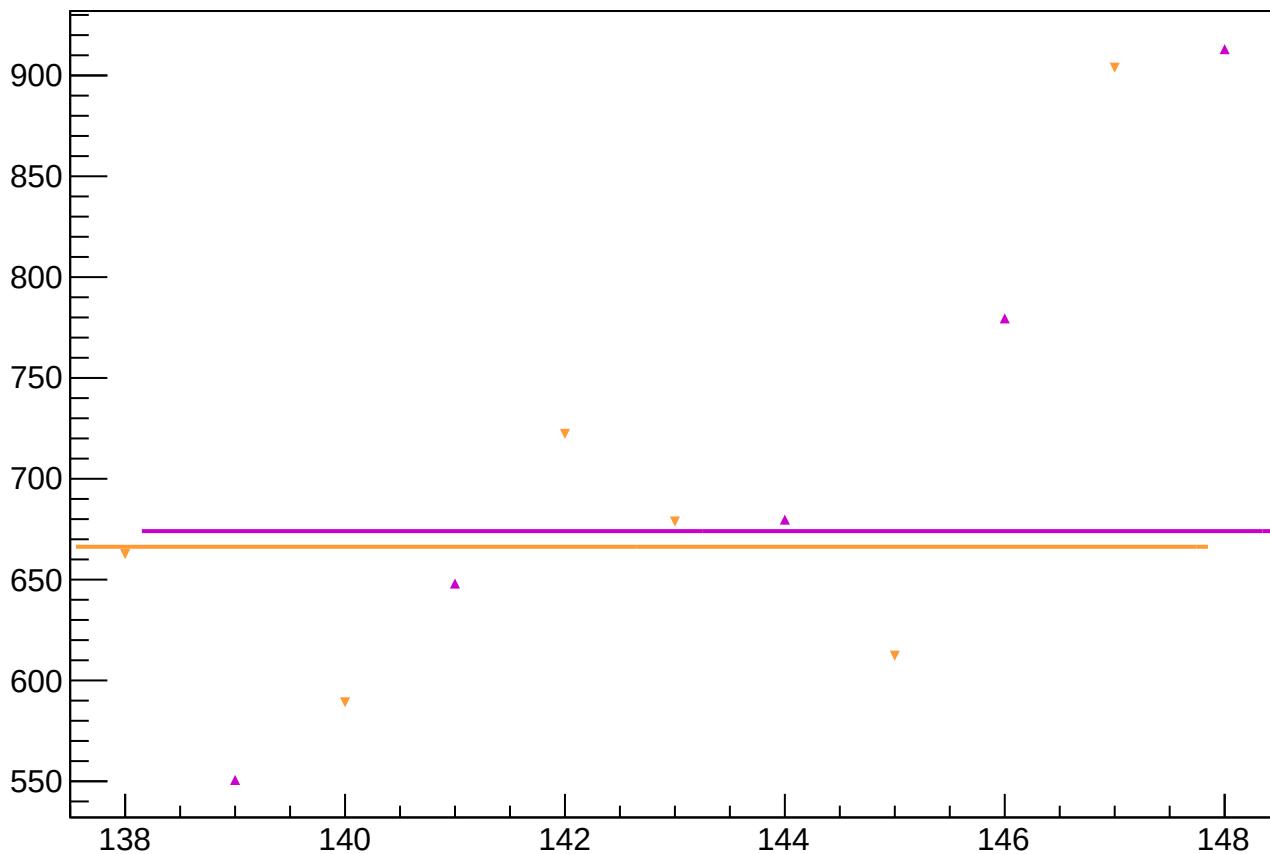
Left In: 976.196+/-339.299 χ^2/NDF : 3.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.797+/-236.917 χ^2/NDF : 9.4/10

- 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

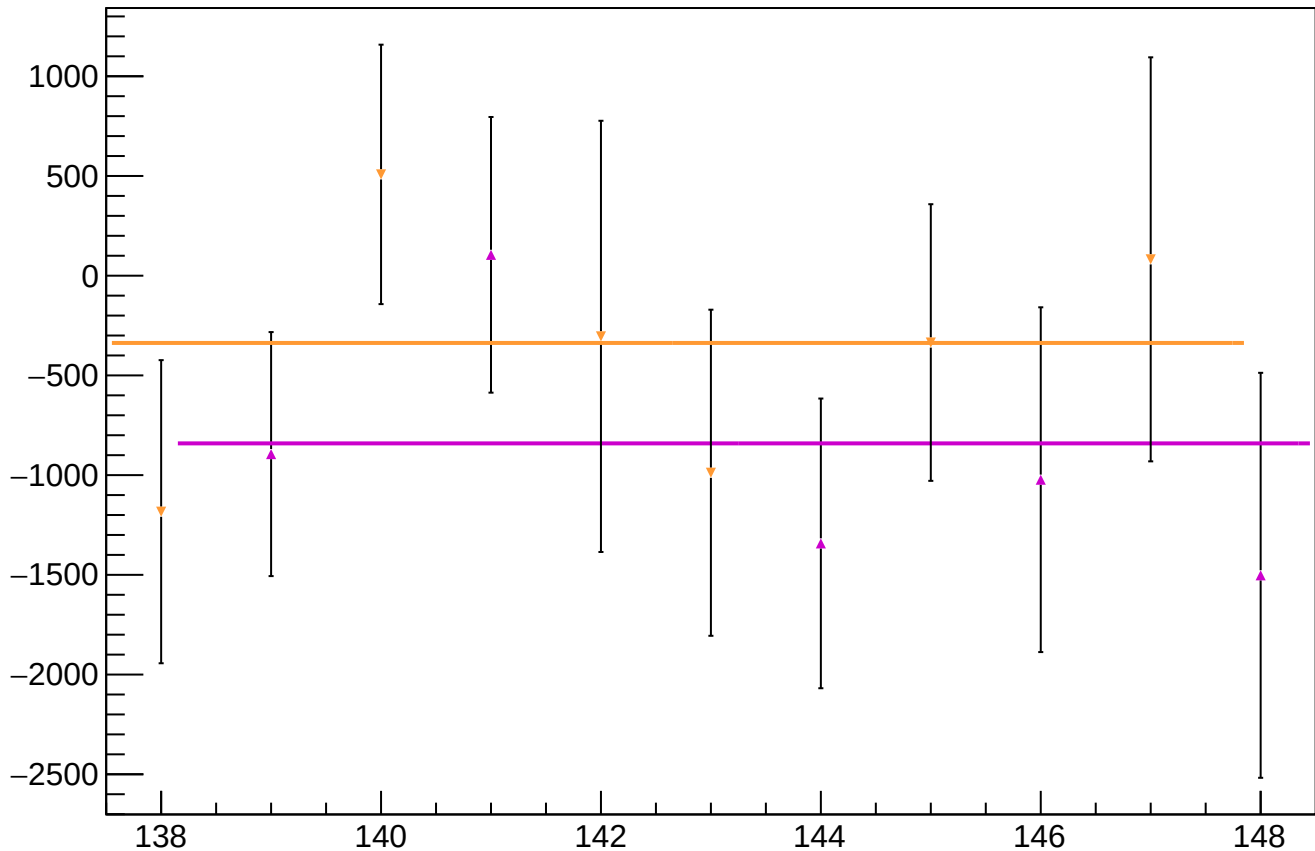
Left In: 674.057+/-0.240 χ^2/NDF : 218547.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.075+/-0.168 χ^2/NDF : 369853.0/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_mean vs Slug



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

Left Out: -337.228 $\pm$ 324.435 χ^2 /NDF:3.7/5

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

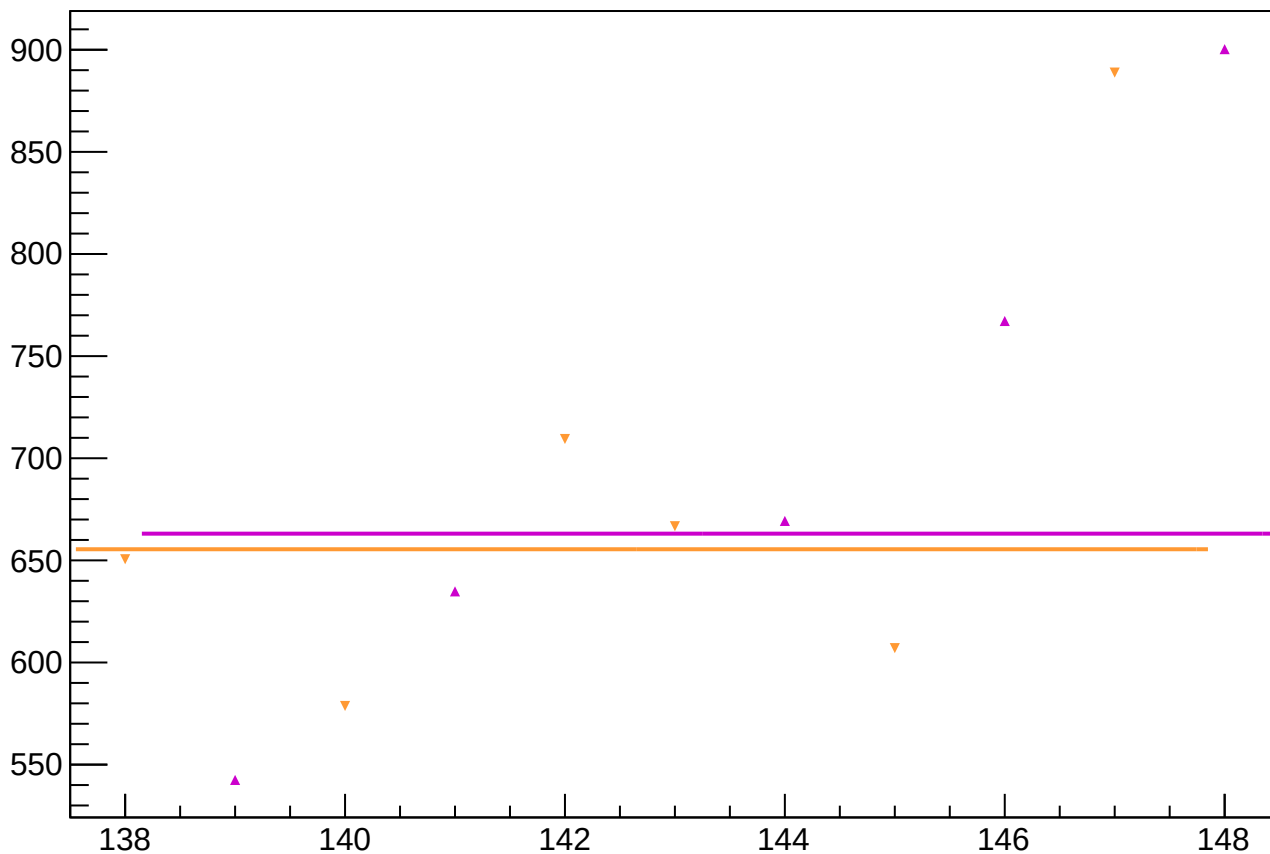
Left In: -840.817 $\pm$ 333.894 χ^2 /NDF:2.8/4

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

All: -581.789 $\pm$ 232.682 χ^2 /NDF: 7.7/10

- sign 0.000 $\pm$ 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

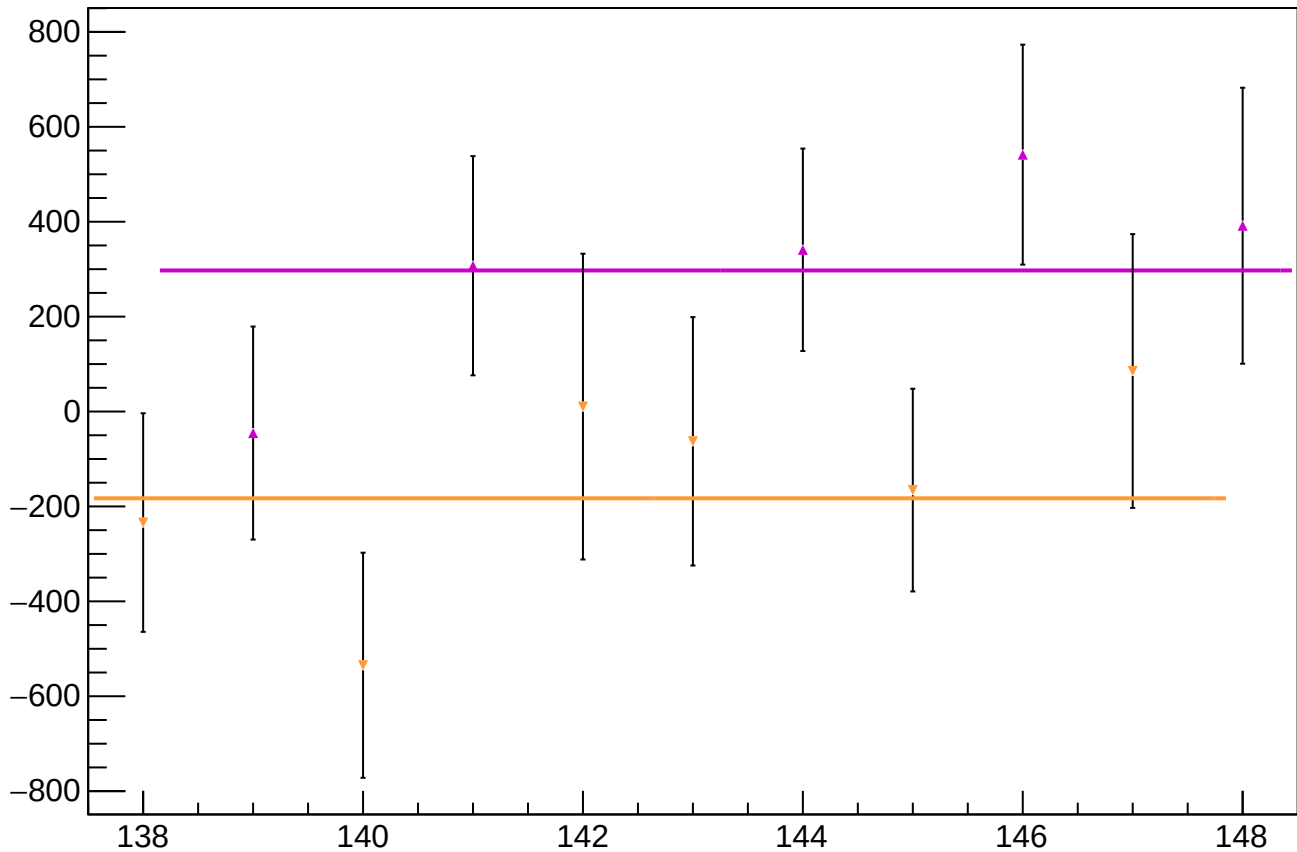
Left In: 663.082+/-0.236 χ^2/NDF : 219374.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.156+/-0.165 χ^2/NDF : 369098.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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

Left Out: -182.869 $\pm$ 102.713 χ^2 /NDF:3.7/5

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

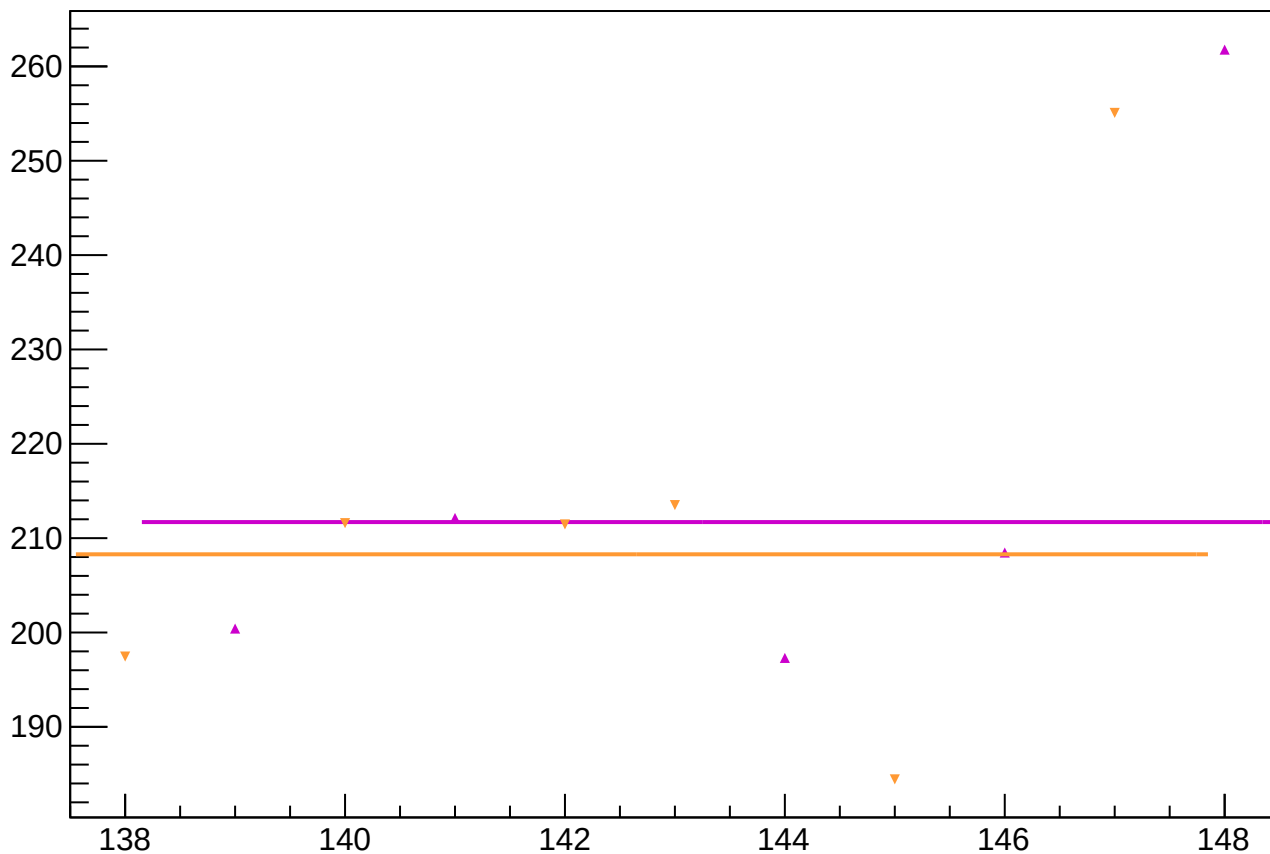
Left In: 297.329 $\pm$ 104.824 χ^2 /NDF:3.6/4

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

All: 52.348 $\pm$ 73.364 χ^2 /NDF: 18.0/10

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

dit_asym_sam_26_dd_rms vs Slug



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

Left Out: 208.289+/-0.073 χ^2/NDF : 83328.8/5

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

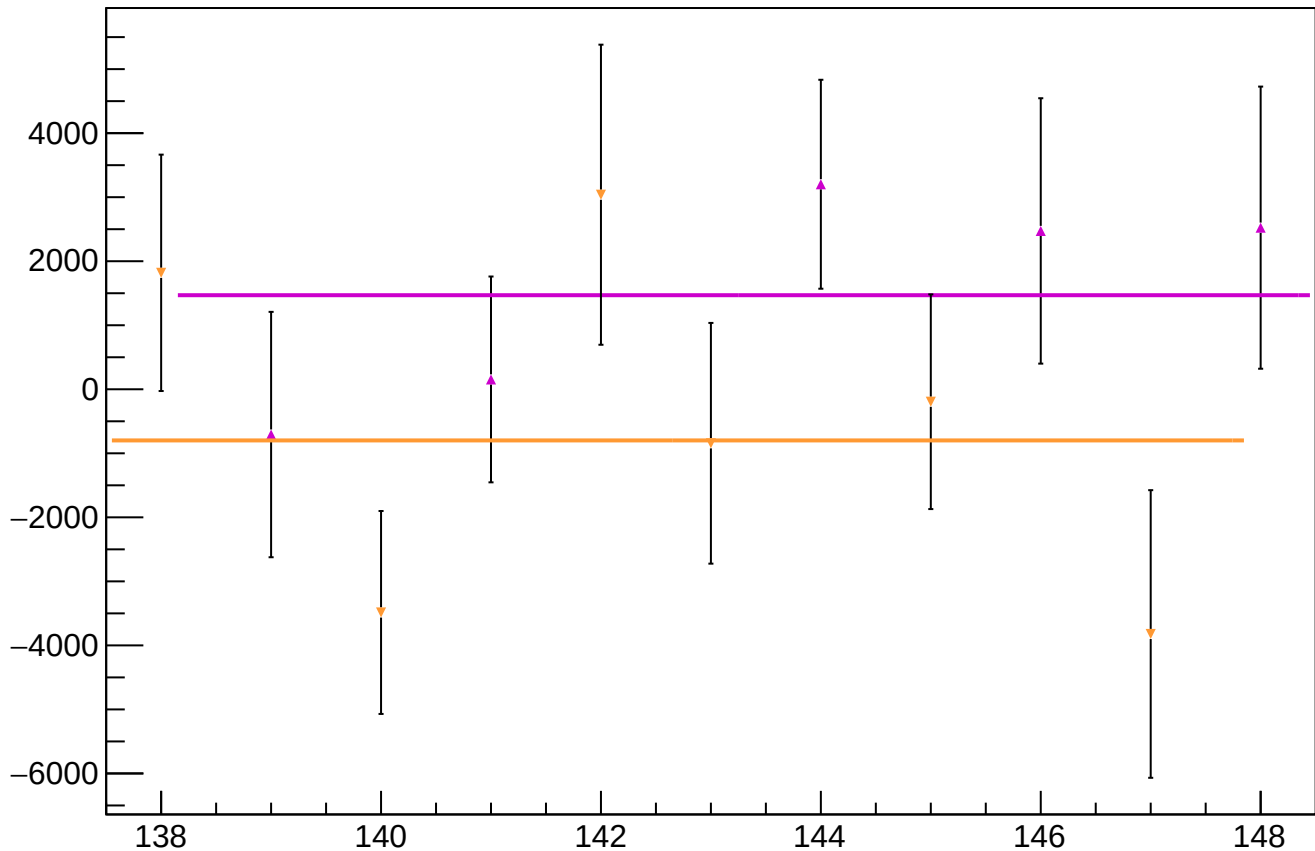
Left In: 211.704+/-0.074 χ^2/NDF : 73865.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.962+/-0.052 χ^2/NDF : 158277.6/10

- 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

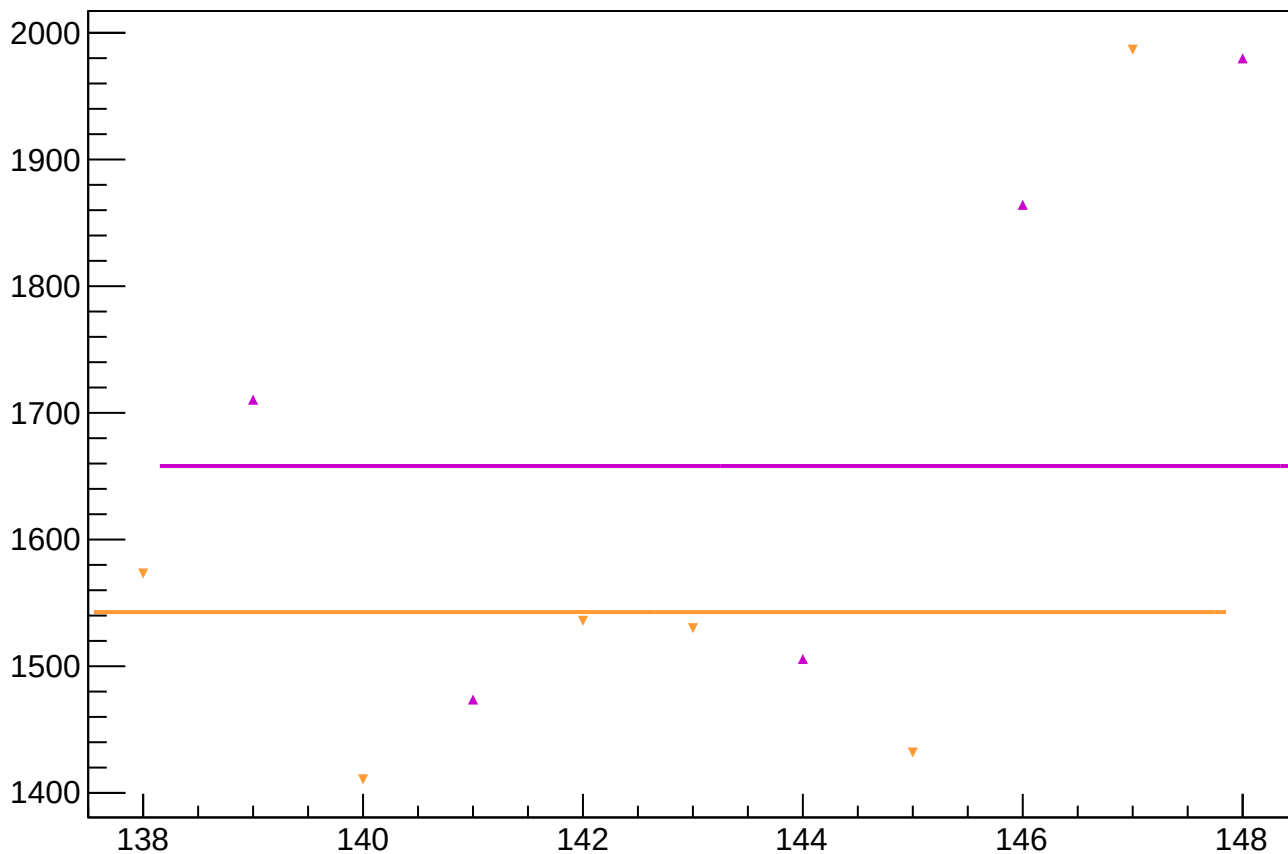
Left In: 1469.177+/-823.682 χ^2/NDF : 3.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.860+/-560.356 χ^2/NDF : 17.1/10

- 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

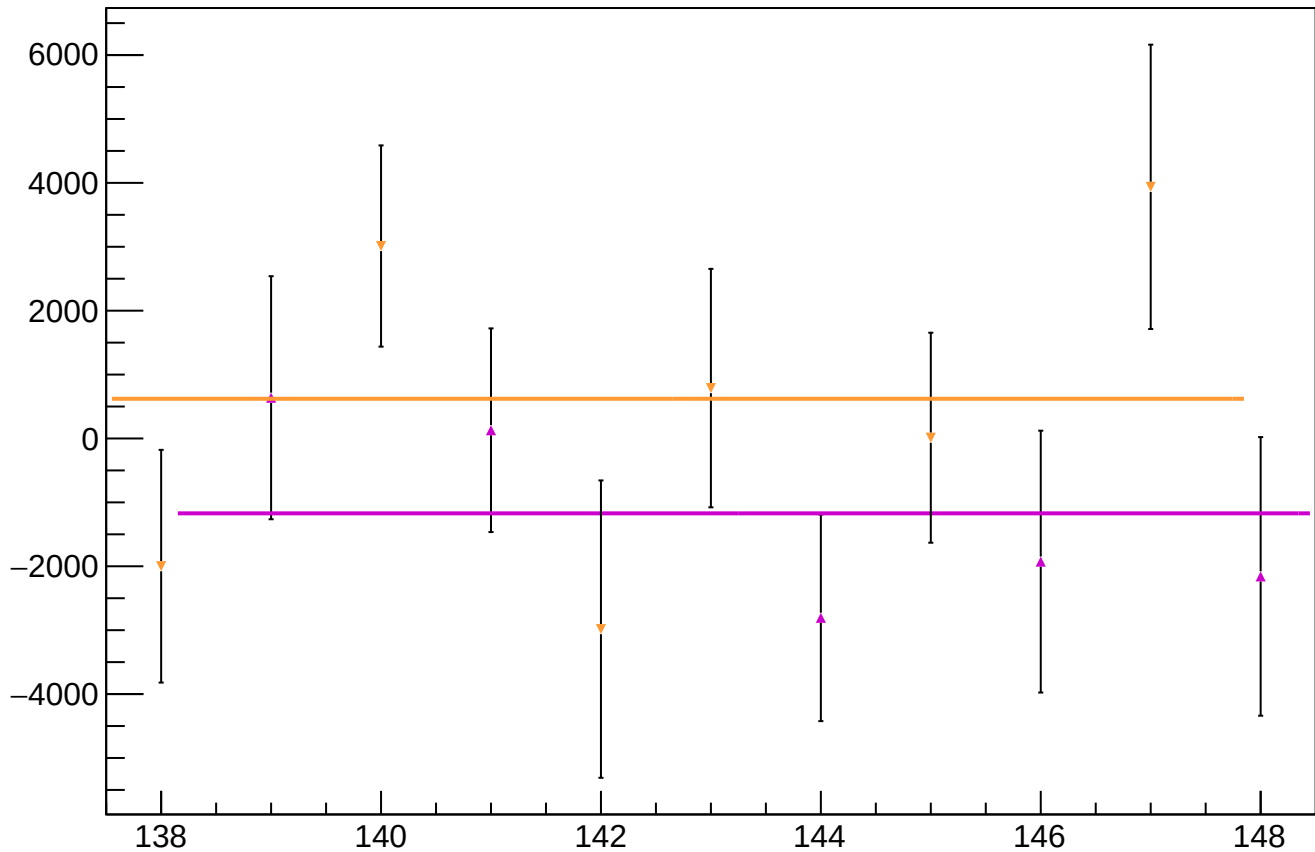
Left In: 1658.057+/-0.582 χ^2/NDF : 107685.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1596.120+/-0.396 χ^2/NDF : 230156.9/10

- 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

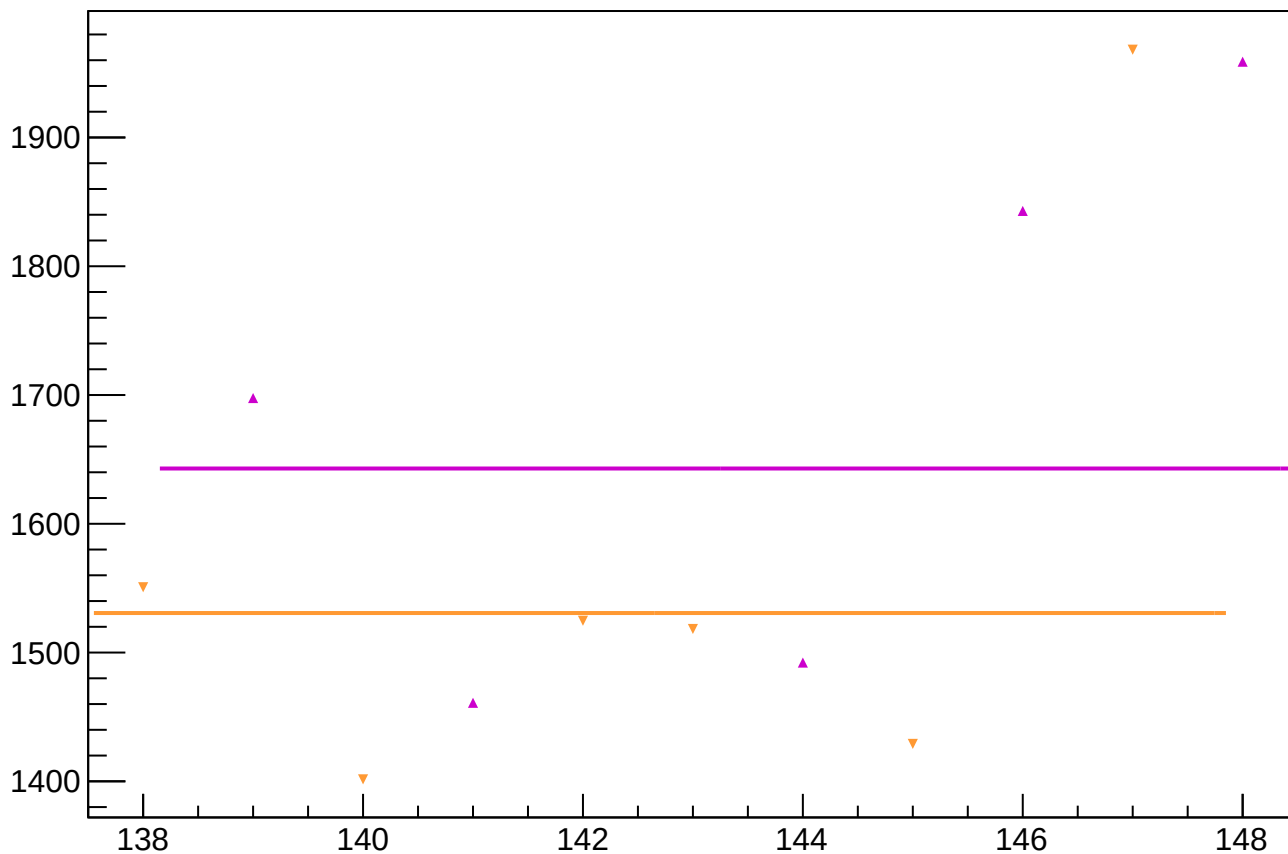
Left In: -1171.746+/-816.151 χ^2/NDF : 2.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.904+/-554.666 χ^2/NDF : 14.7/10

- 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

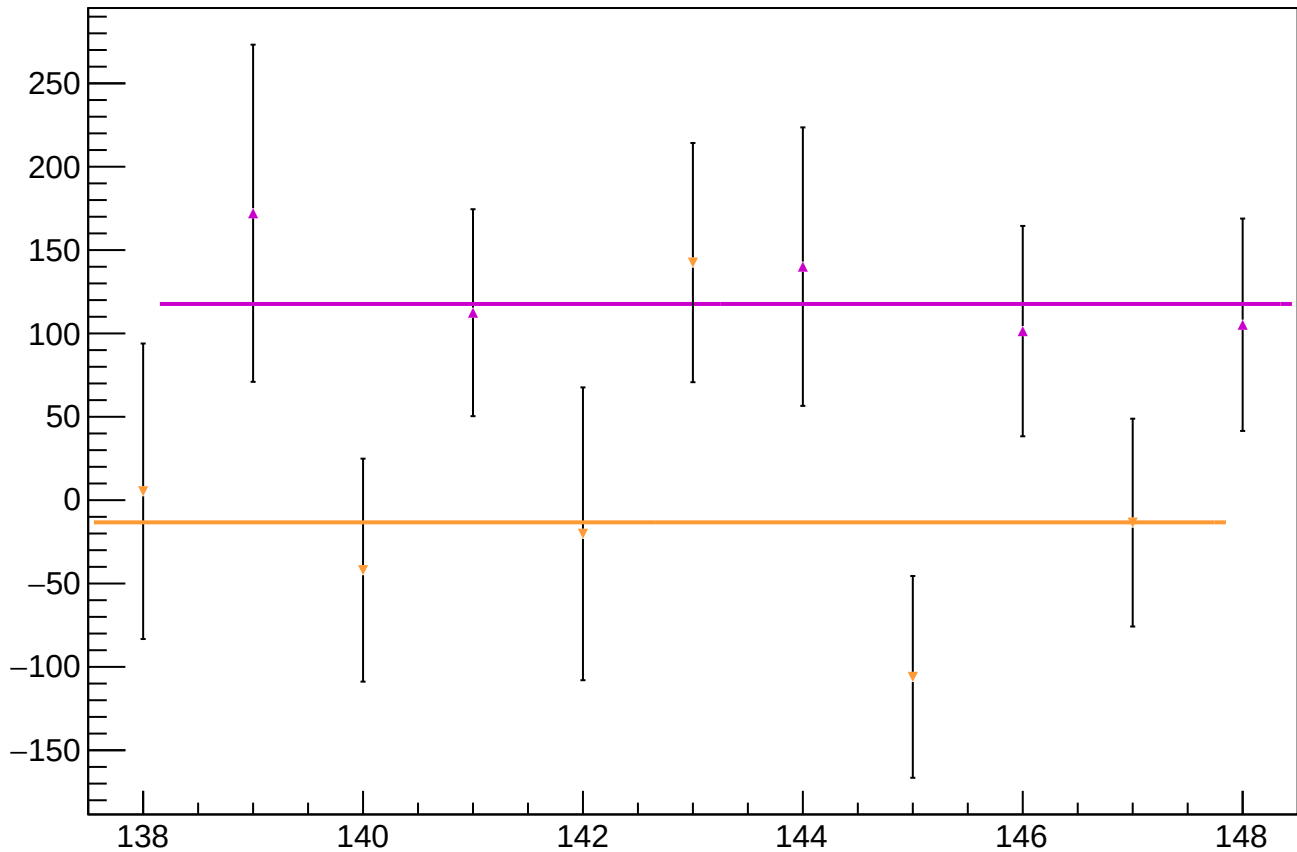
Left In: 1642.926+/-0.577 χ^2/NDF : 106164.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.531+/-0.392 χ^2/NDF : 225282.0/10

- 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

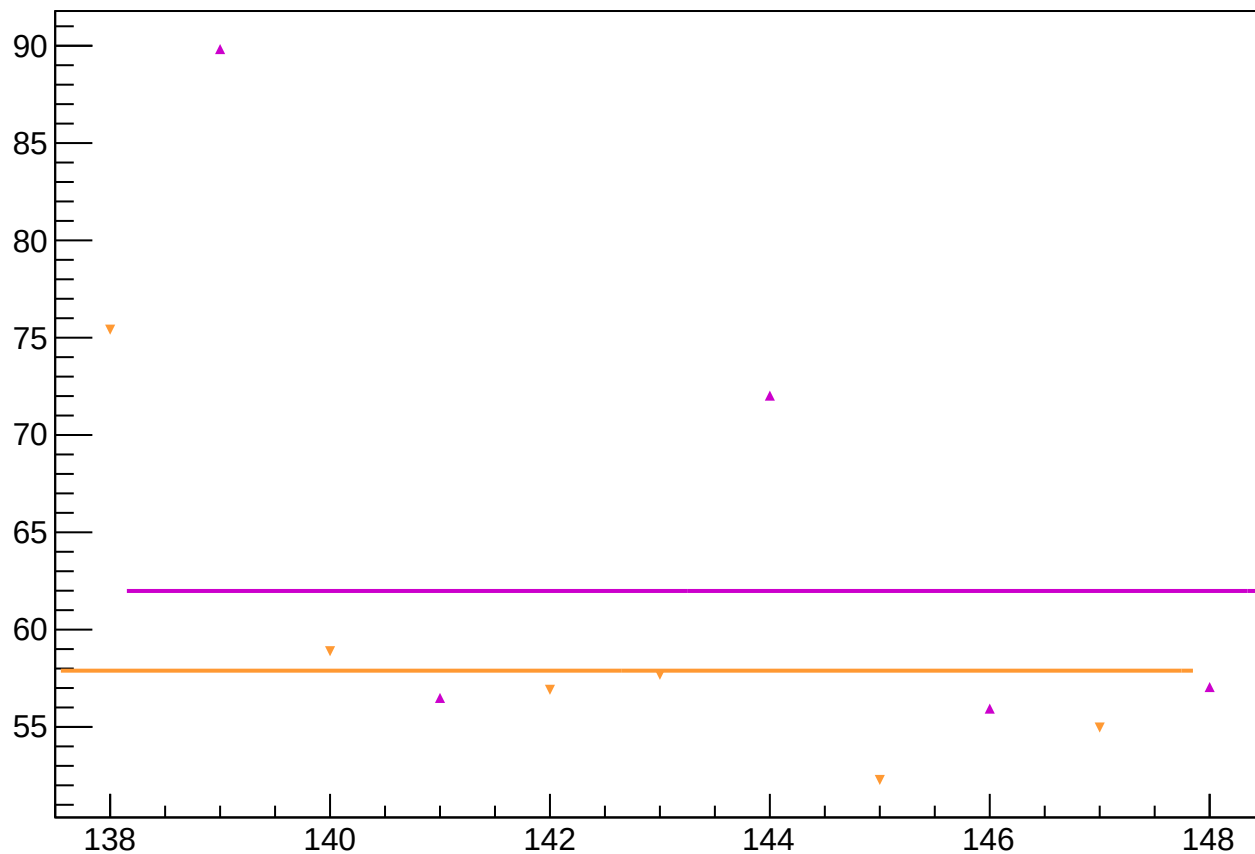
Left In: 117.687+/-31.644 χ^2/NDF : 0.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.048+/-21.301 χ^2/NDF : 17.1/10

- 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

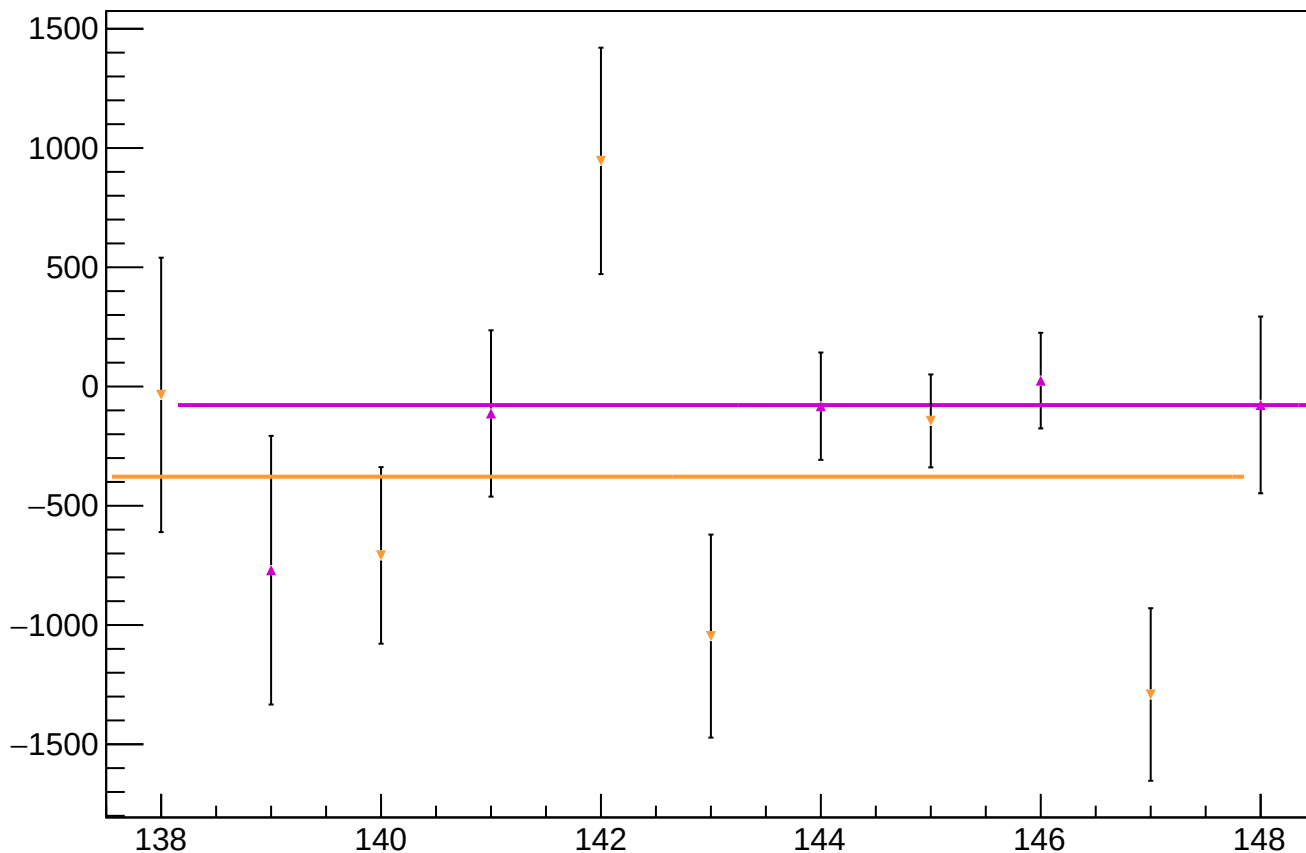
Left In: 61.986+/-0.022 χ^2/NDF :226588.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.747+/-0.015 χ^2/NDF : 345395.1/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_correction_mean vs Slug



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

Left Out: -378.102 $\pm$ 135.762 χ^2 /NDF:19.2/5

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

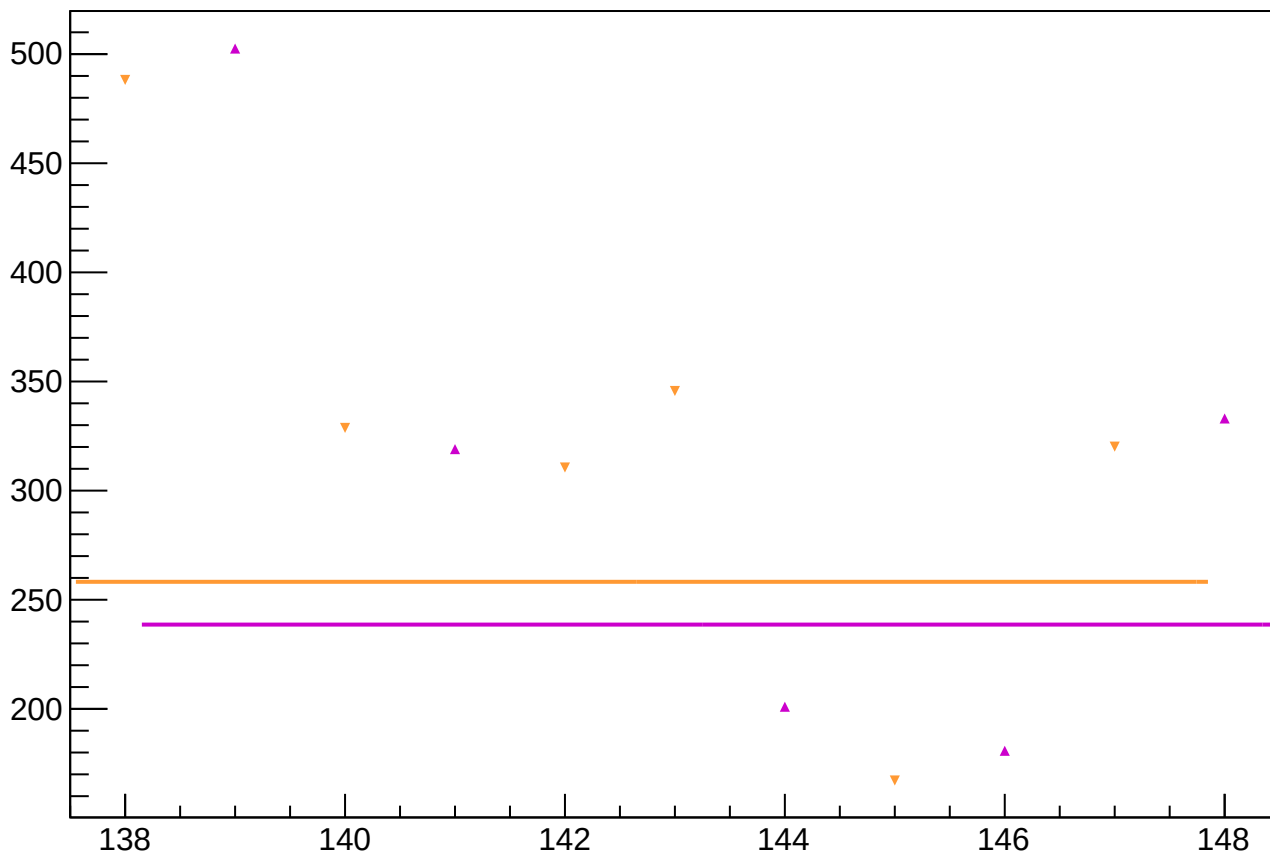
Left In: -77.873 $\pm$ 125.707 χ^2 /NDF:1.8/4

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

All: -216.458 $\pm$ 92.238 χ^2 /NDF: 23.6/10

- sign 0.000 $\pm$ 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

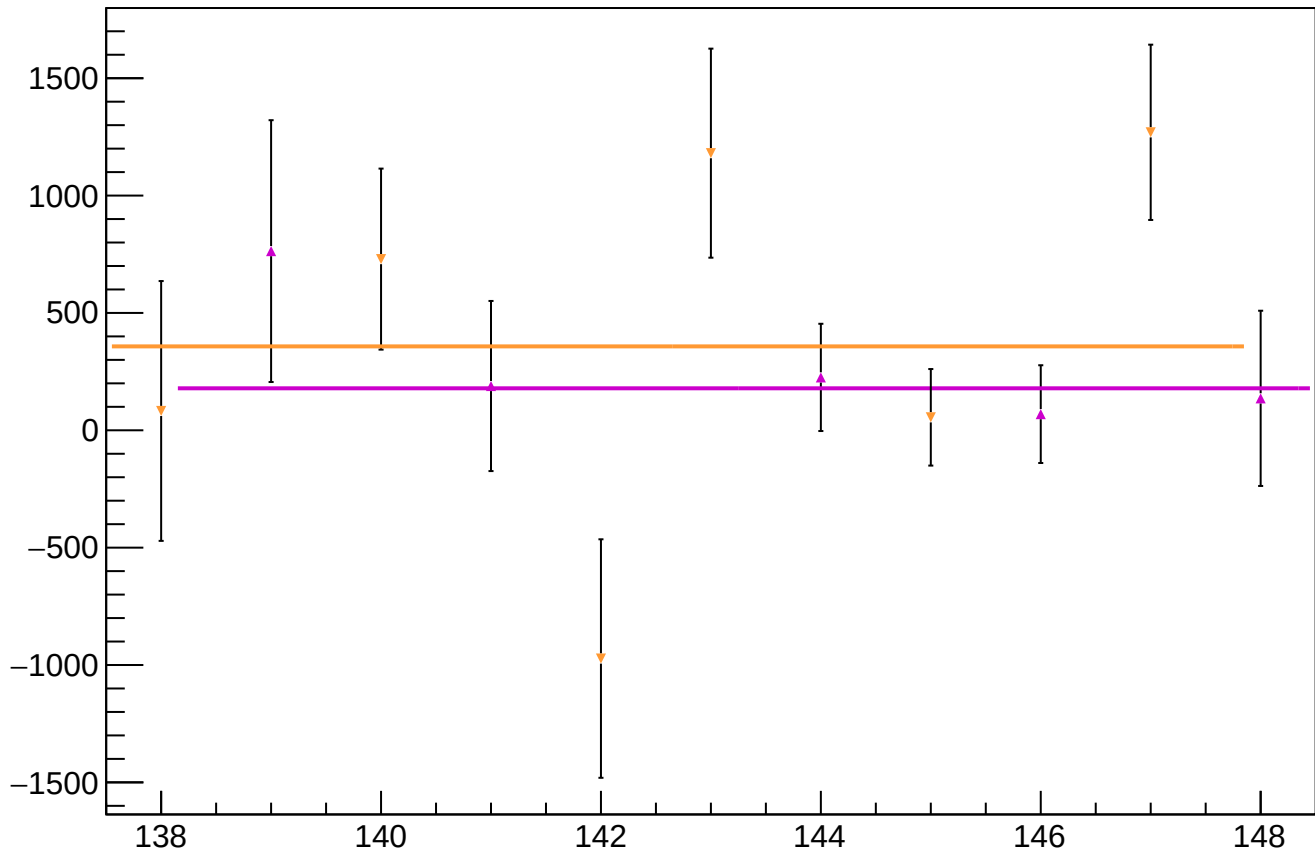
Left In: 238.619+/-0.089 χ^2/NDF : 897688.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.667+/-0.065 χ^2/NDF : 1916101.9/10

- 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

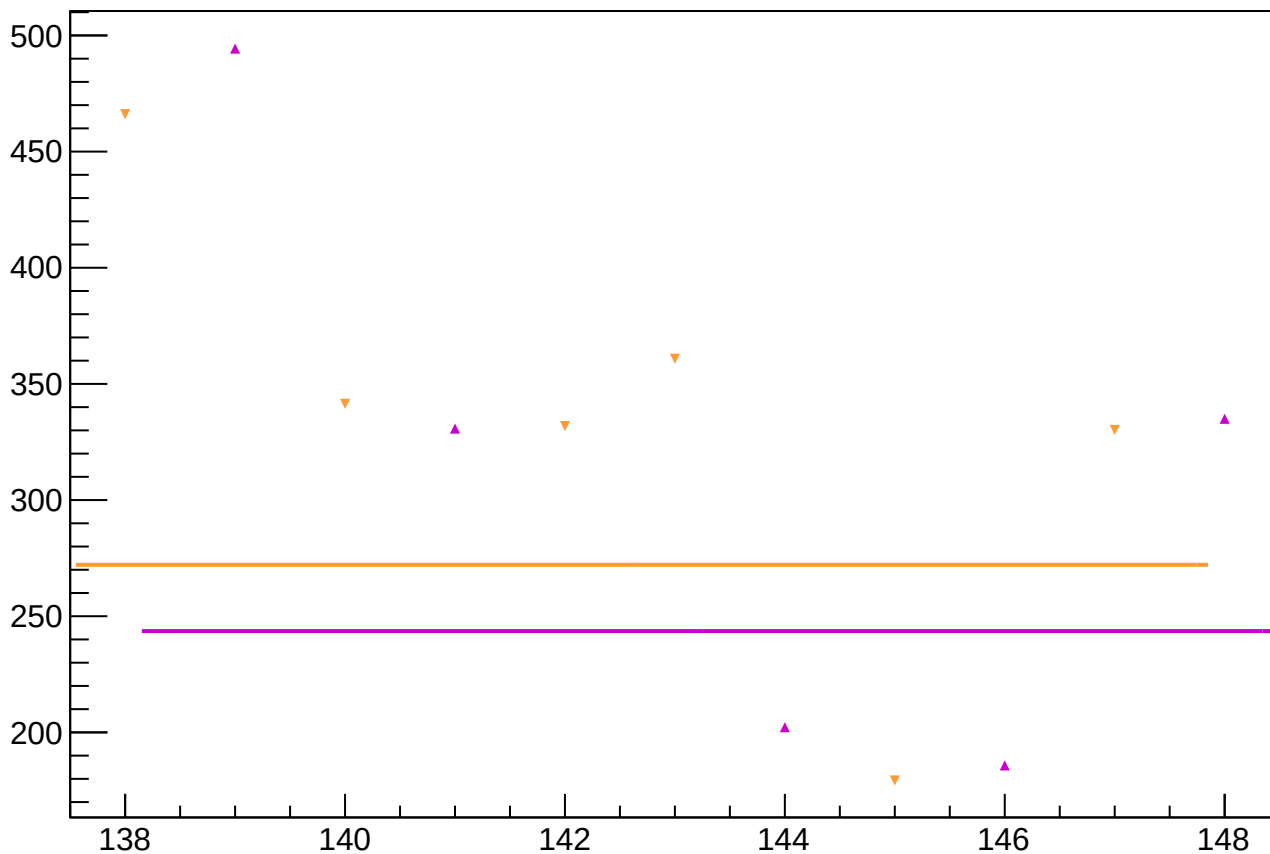
Left In: 178.869+/-128.858 χ^2/NDF : 1.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.629+/-95.371 χ^2/NDF : 21.9/10

- 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

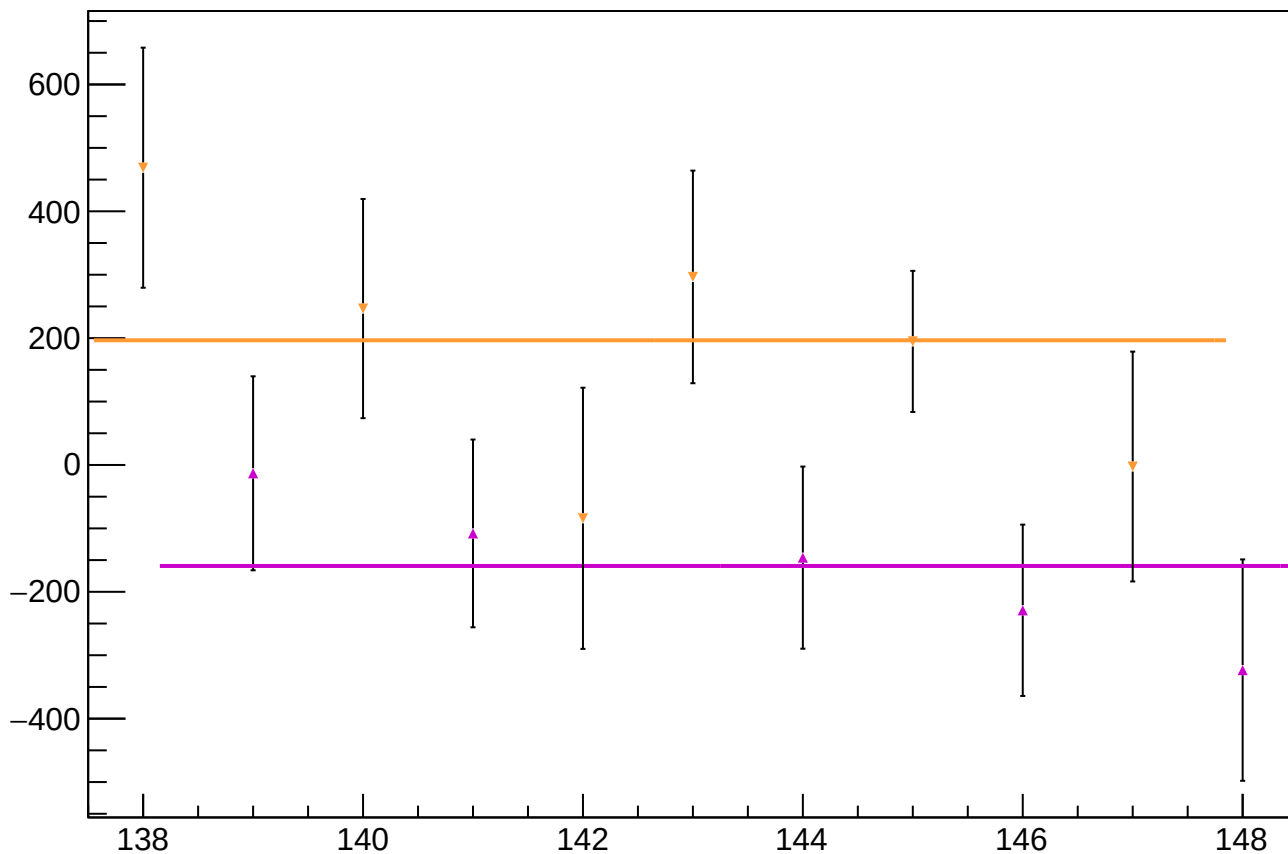
Left In: 243.598+/-0.091 χ^2/NDF : 859598.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.502+/-0.067 χ^2/NDF : 1776919.6/10

- 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

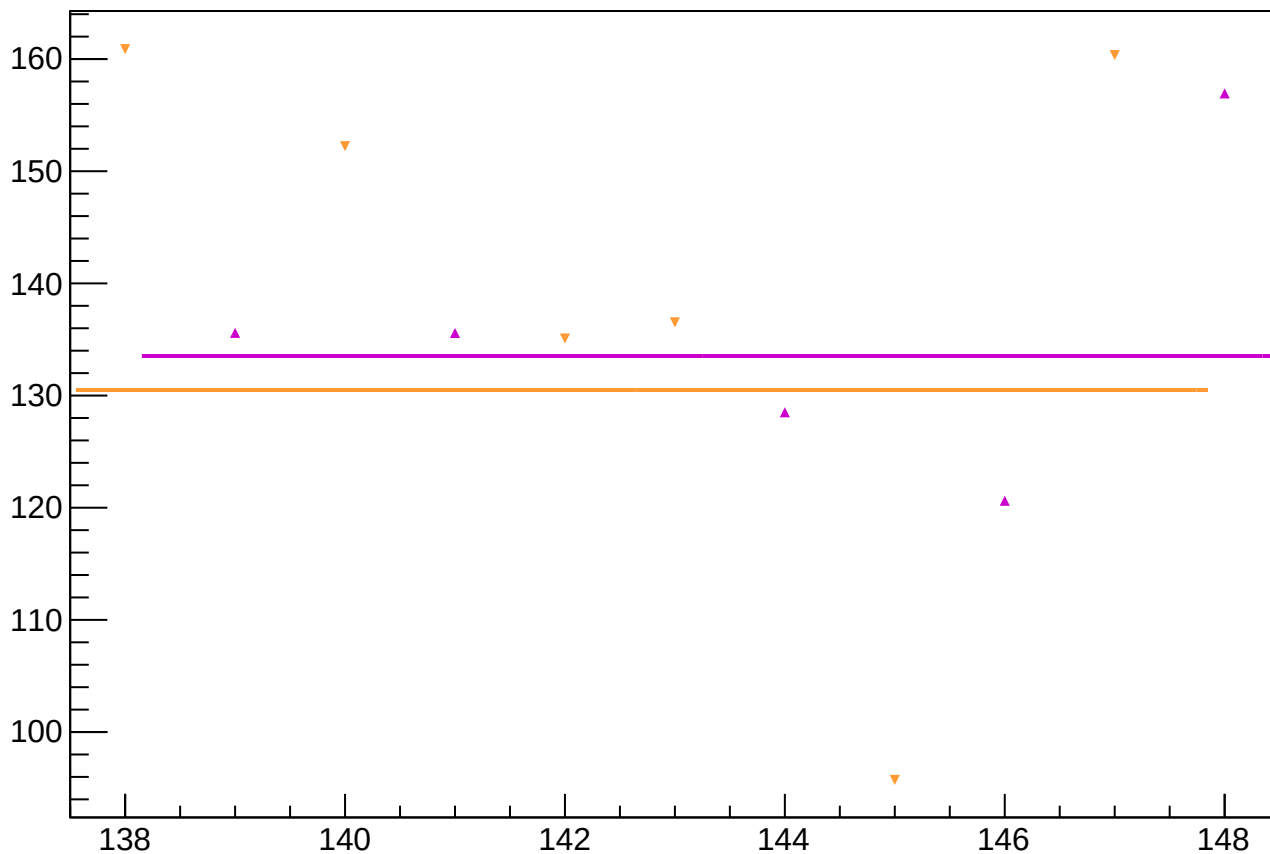
Left In: -159.229+/-66.738 χ^2/NDF : 2.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.532+/-46.812 χ^2/NDF : 22.2/10

- 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

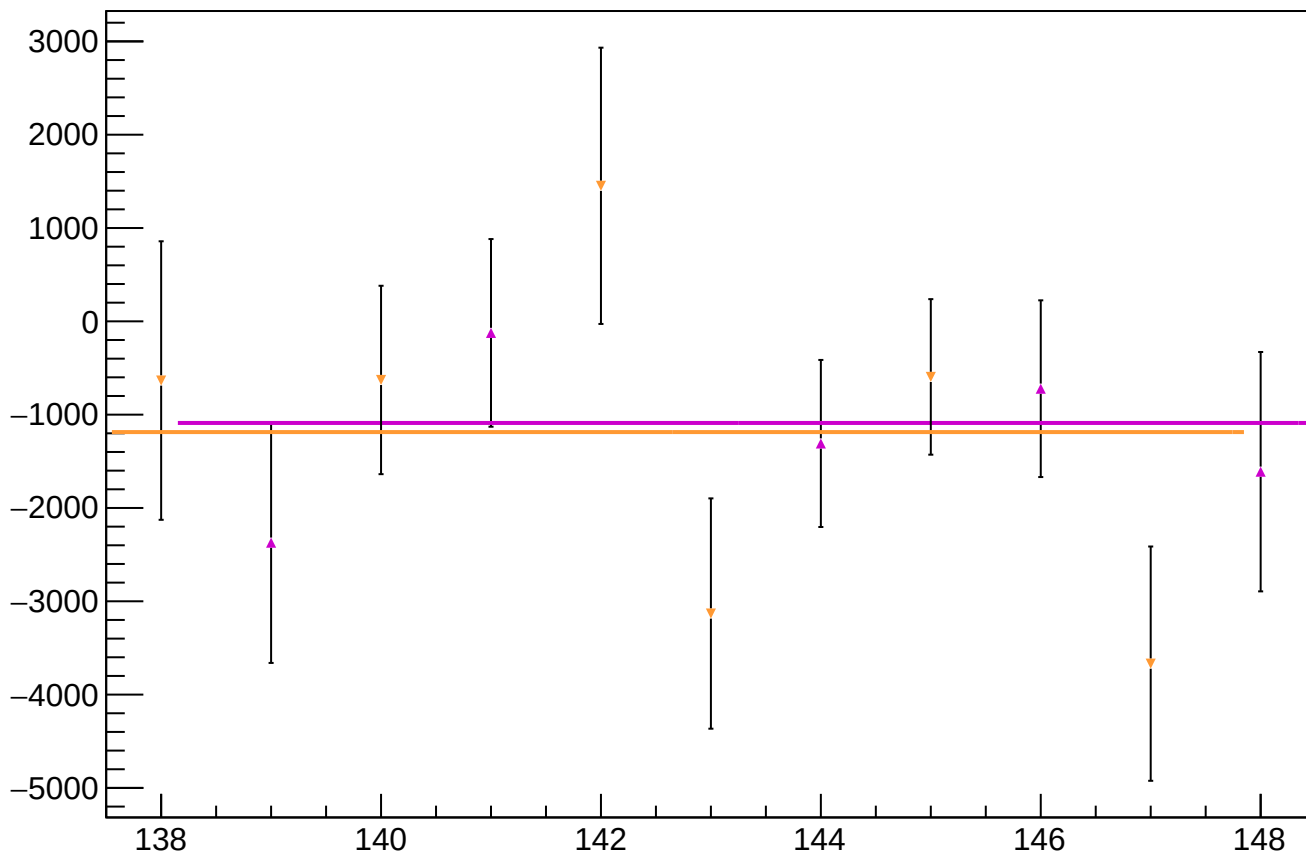
Left In: 133.526+/-0.047 χ^2/NDF : 57427.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.986+/-0.033 χ^2/NDF : 395830.8/10

- 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

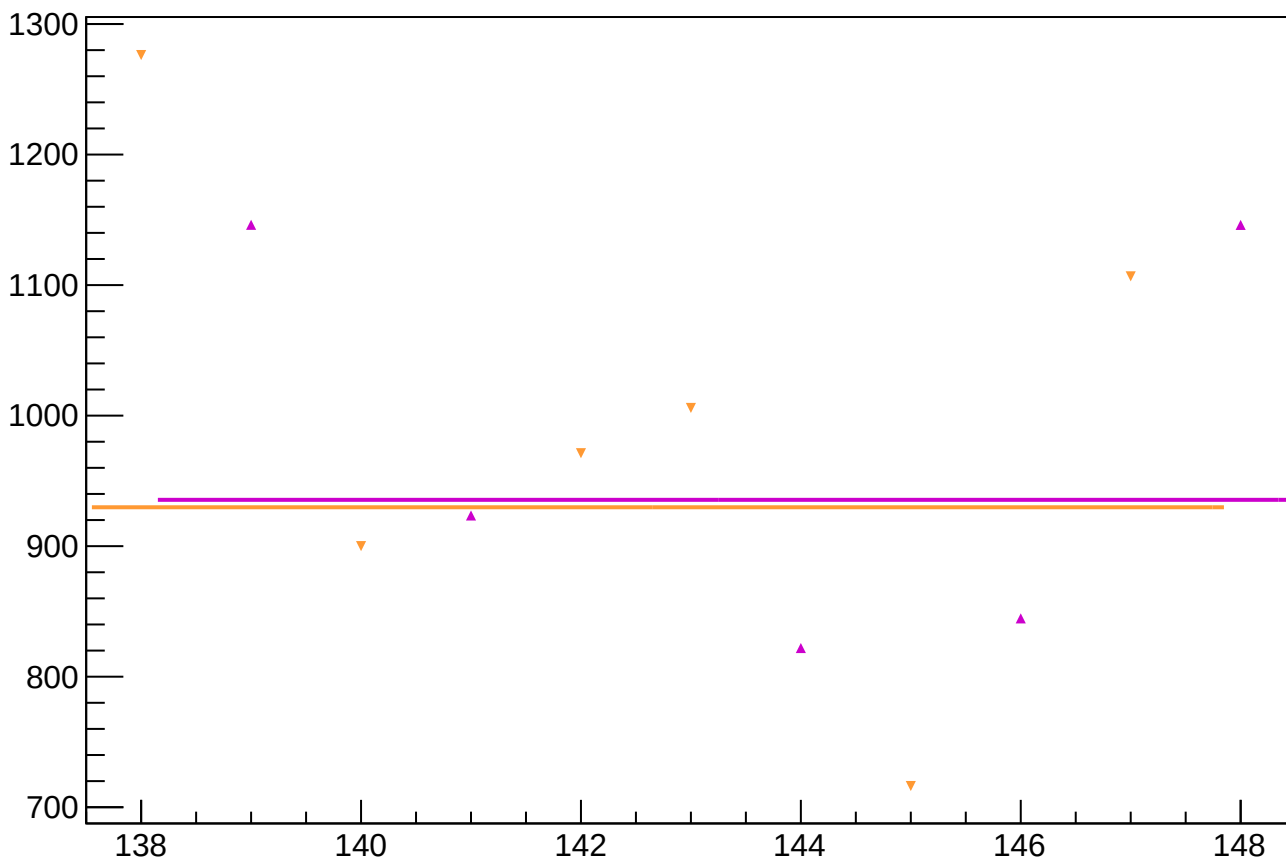
Left In: -1088.983+/-468.182 χ^2/NDF :2.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1138.175+/-330.053 χ^2/NDF : 12.8/10

- 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

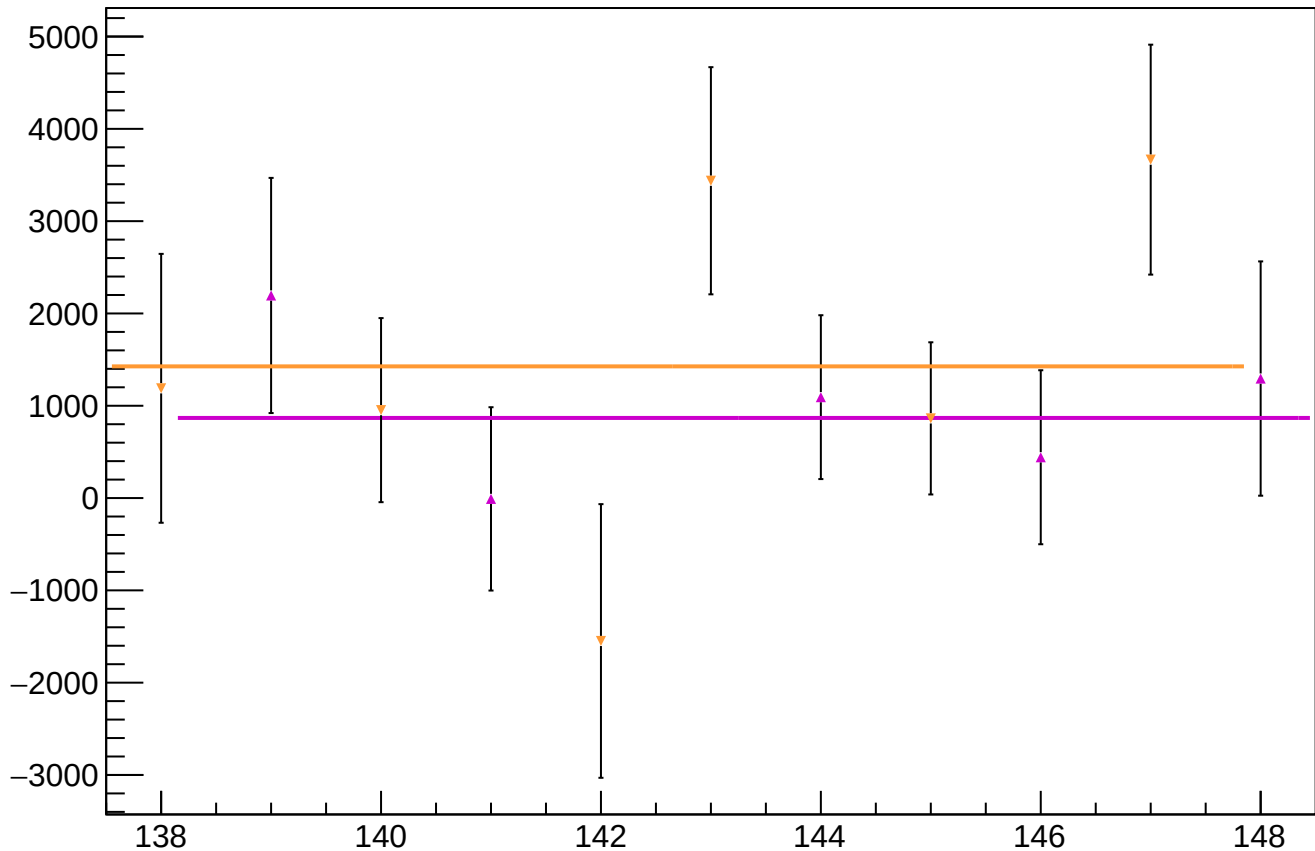
Left In: 935.494+/-0.331 χ^2/NDF : 158236.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 932.624+/-0.233 χ^2/NDF : 448107.8/10

- 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

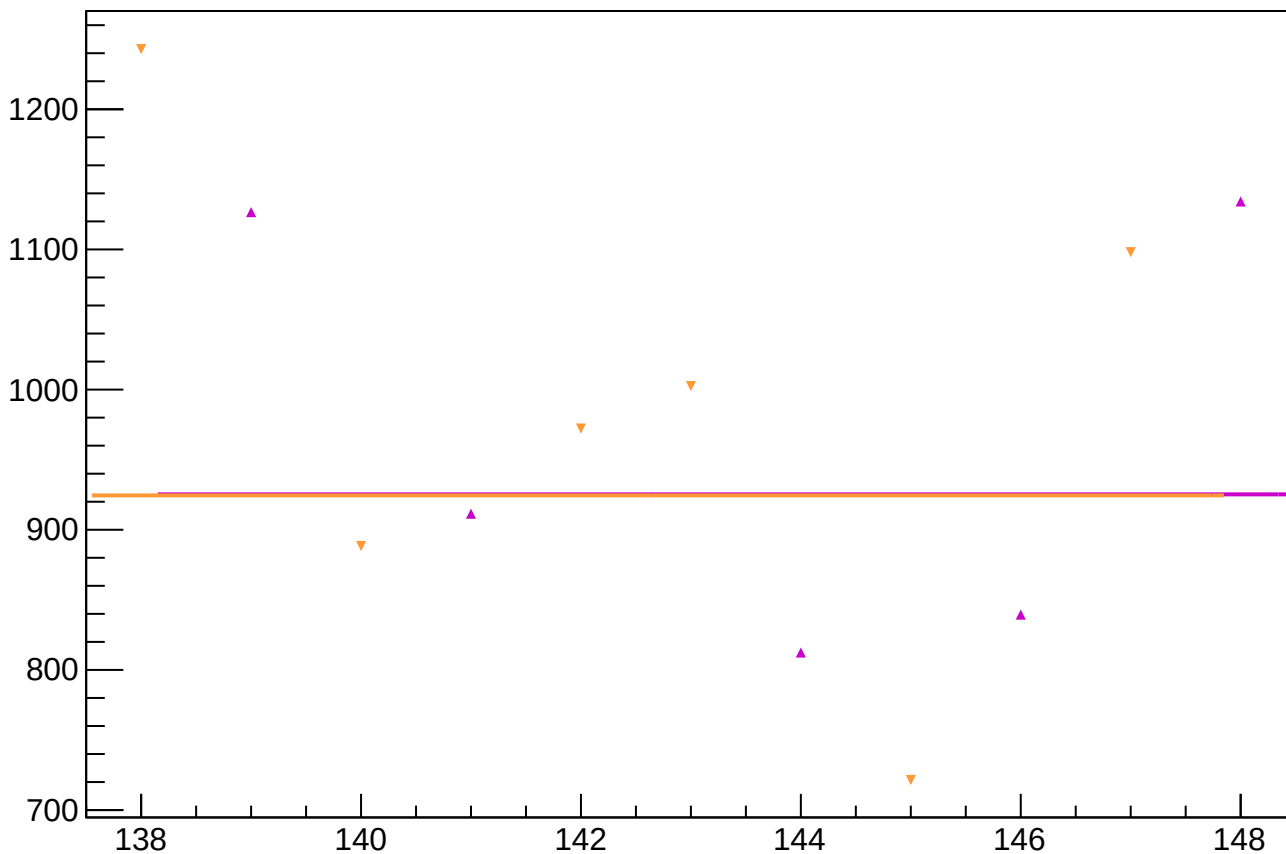
Left In: 868.000+/-463.934 χ^2/NDF : 2.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1149.174+/-326.955 χ^2/NDF : 13.6/10

- 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

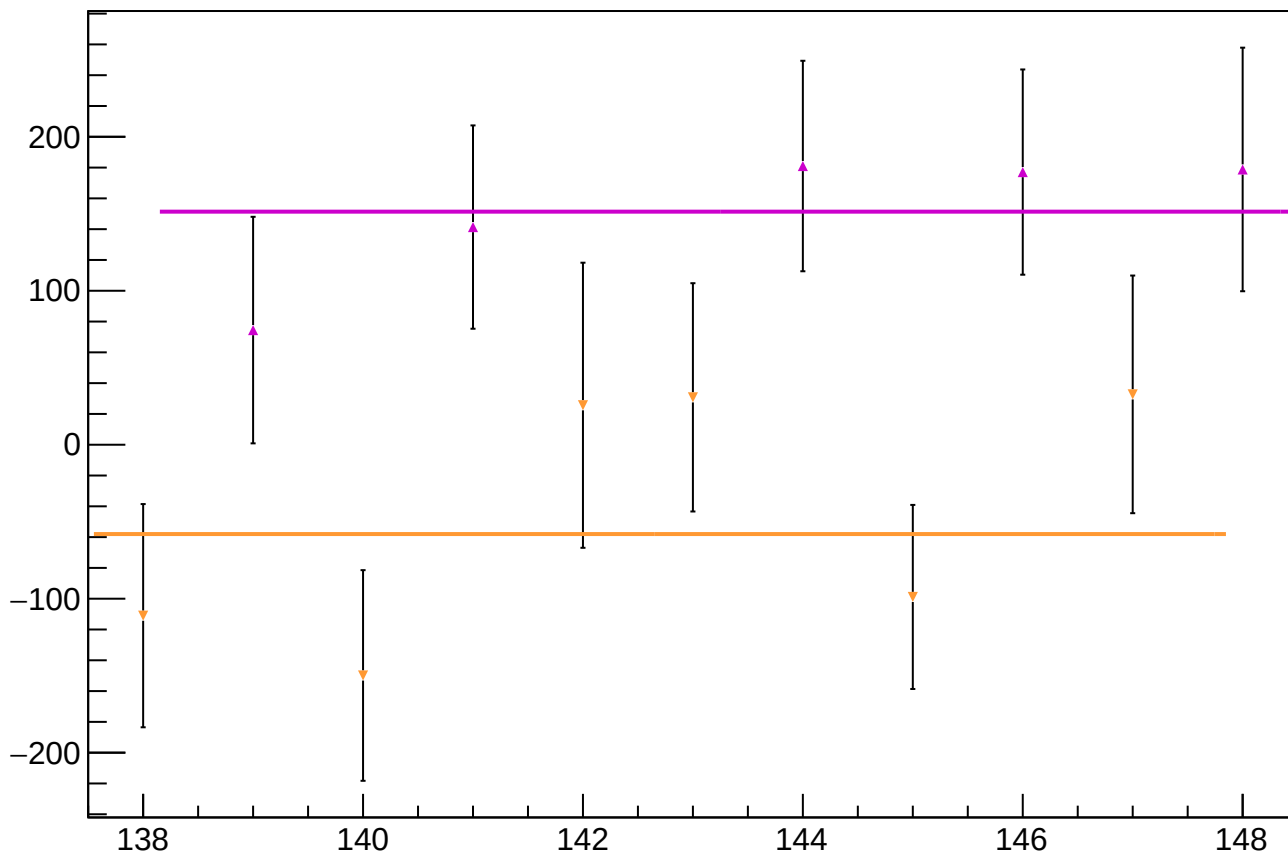
Left In: 925.262+/-0.328 χ^2/NDF : 153467.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.881+/-0.231 χ^2/NDF : 421907.0/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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

Left Out: -58.016+/-29.483 χ^2/NDF : 6.4/5

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

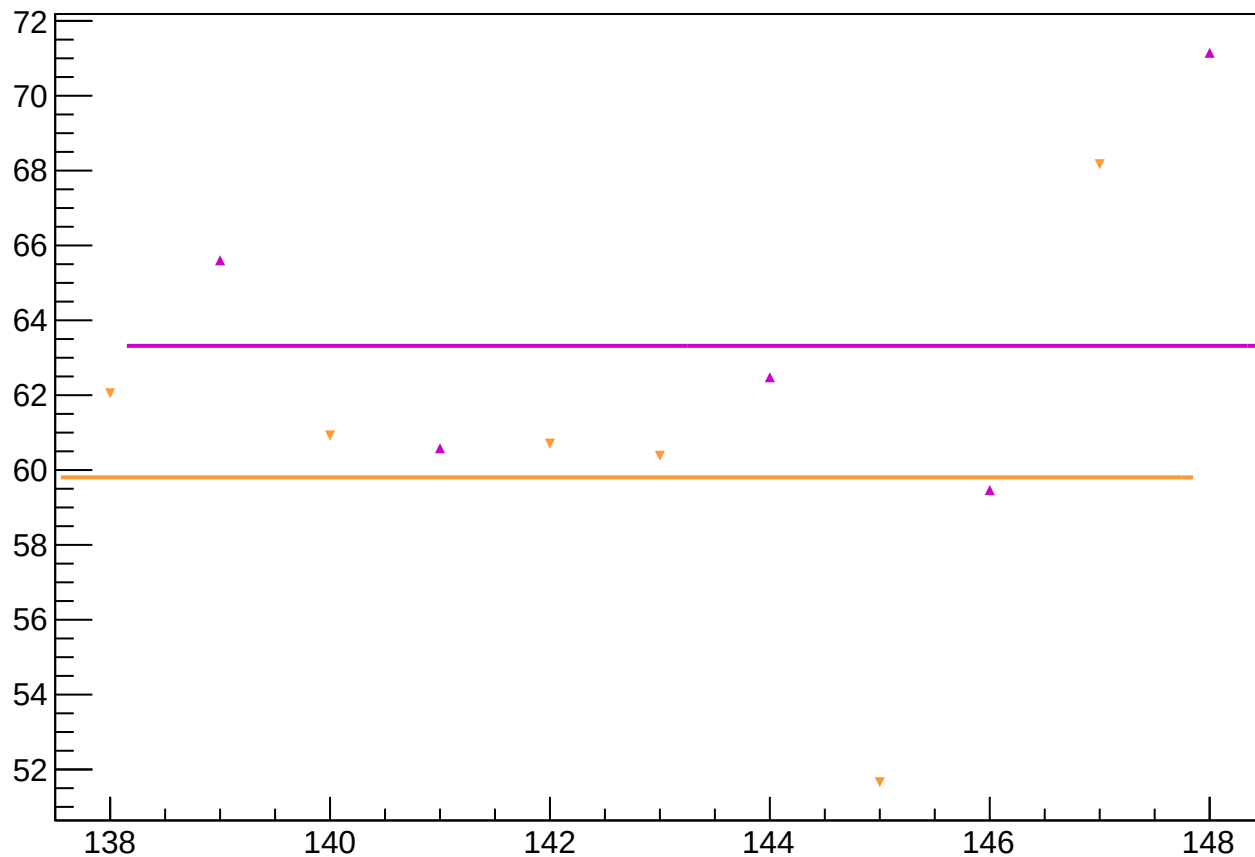
Left In: 151.377+/-31.417 χ^2/NDF : 1.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.039+/-21.499 χ^2/NDF : 31.6/10

- sign 0.000+/-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

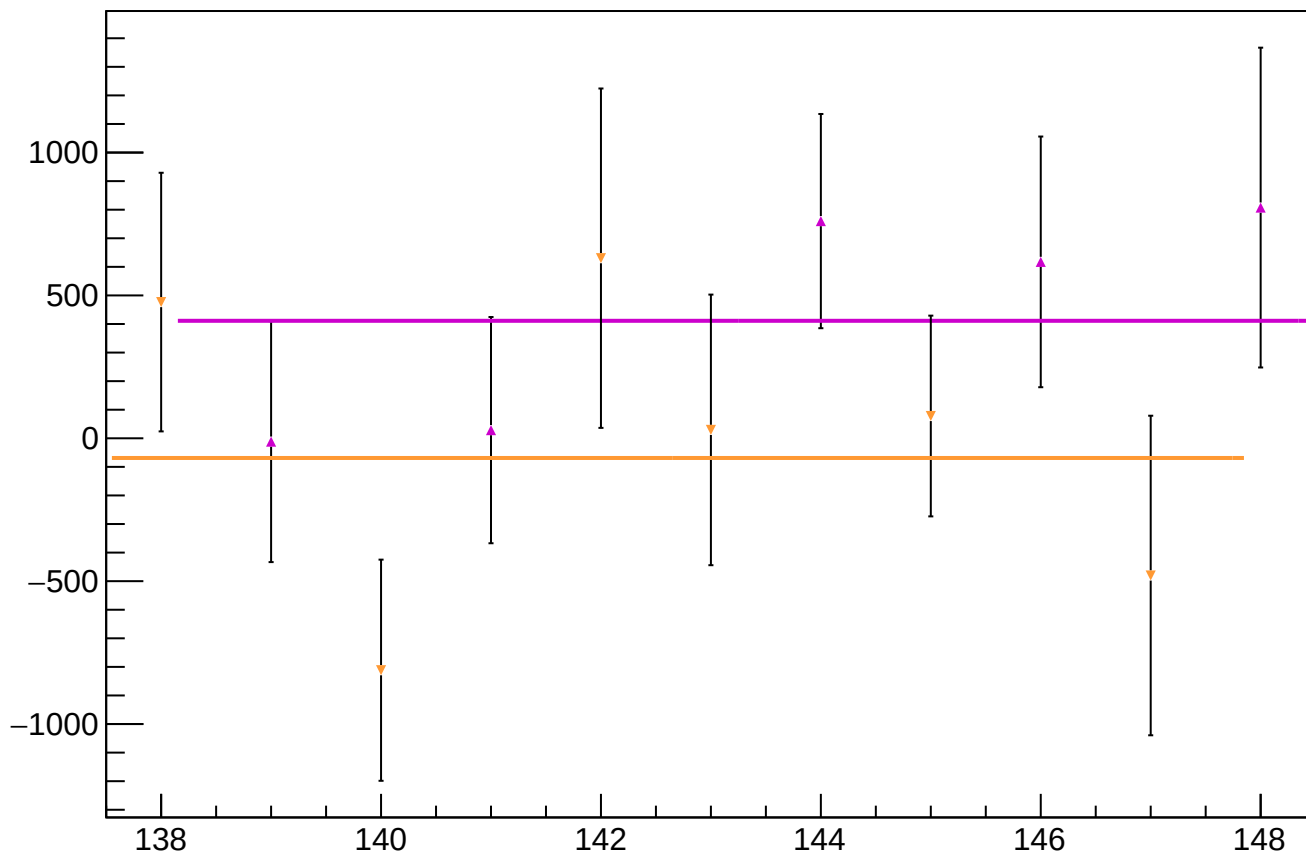
Left In: 63.318+/-0.022 χ^2/NDF : 31943.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.450+/-0.015 χ^2/NDF : 108636.5/10

- 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

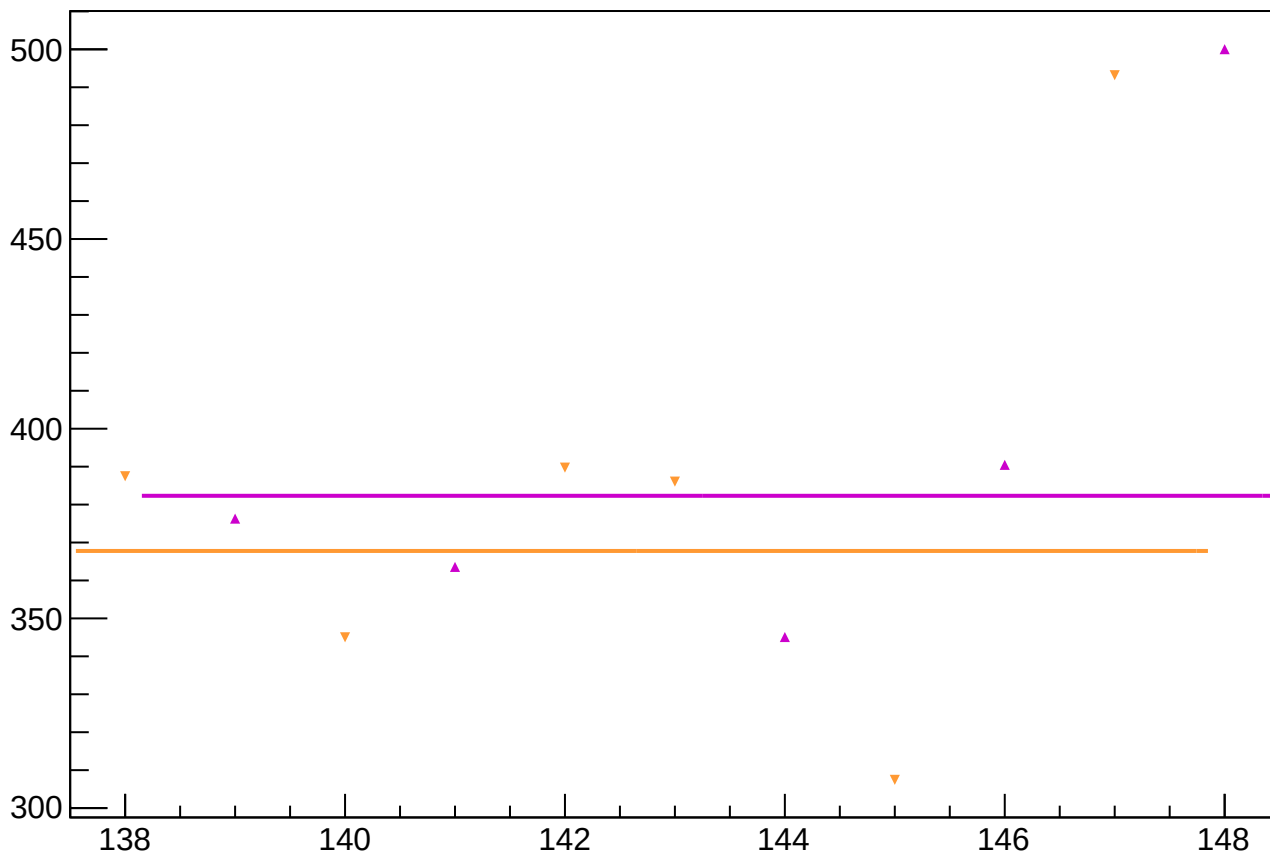
Left In: 411.183+/-190.640 χ^2/NDF : 3.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.154+/-131.678 χ^2/NDF : 14.1/10

- 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

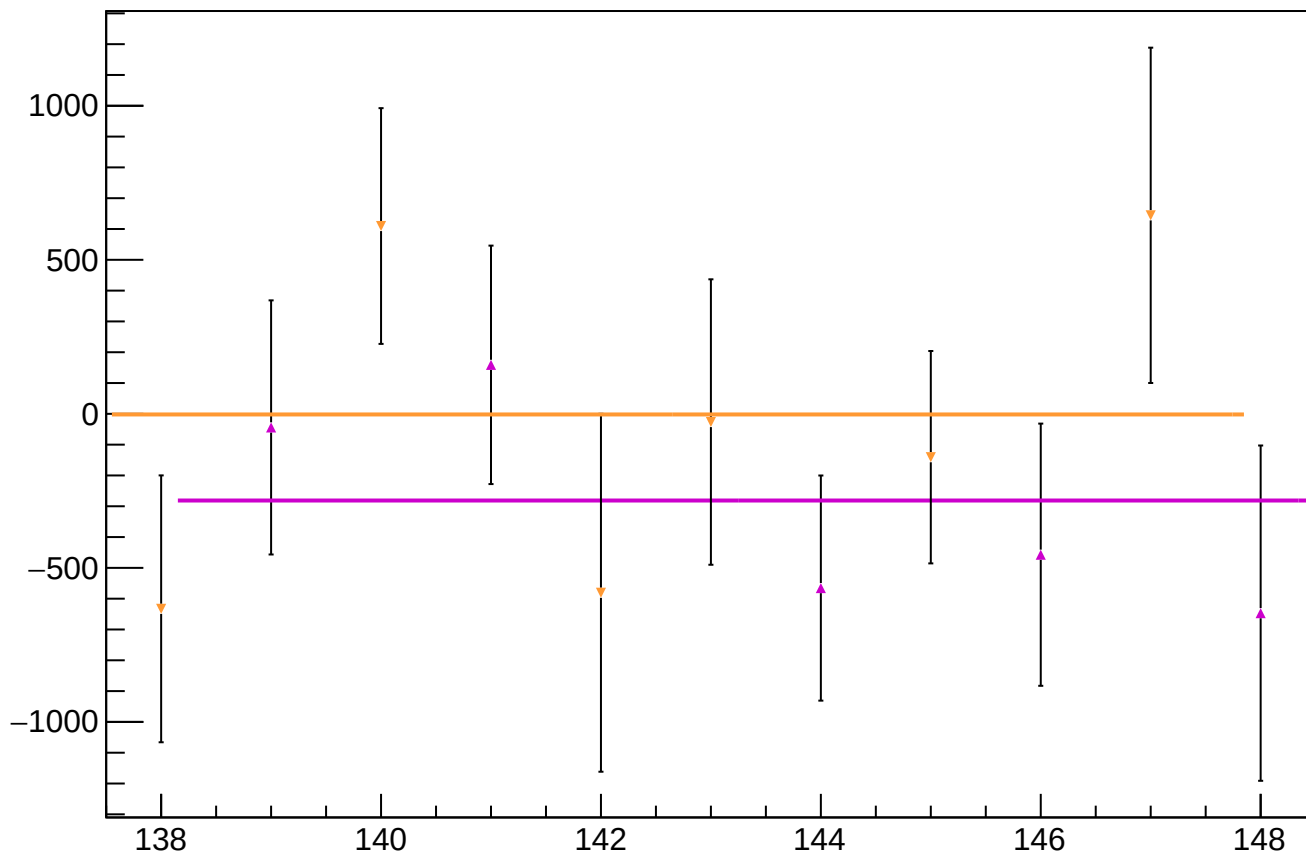
Left In: 382.318+/-0.135 χ^2/NDF :113816.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.714+/-0.093 χ^2/NDF : 295898.1/10

- 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

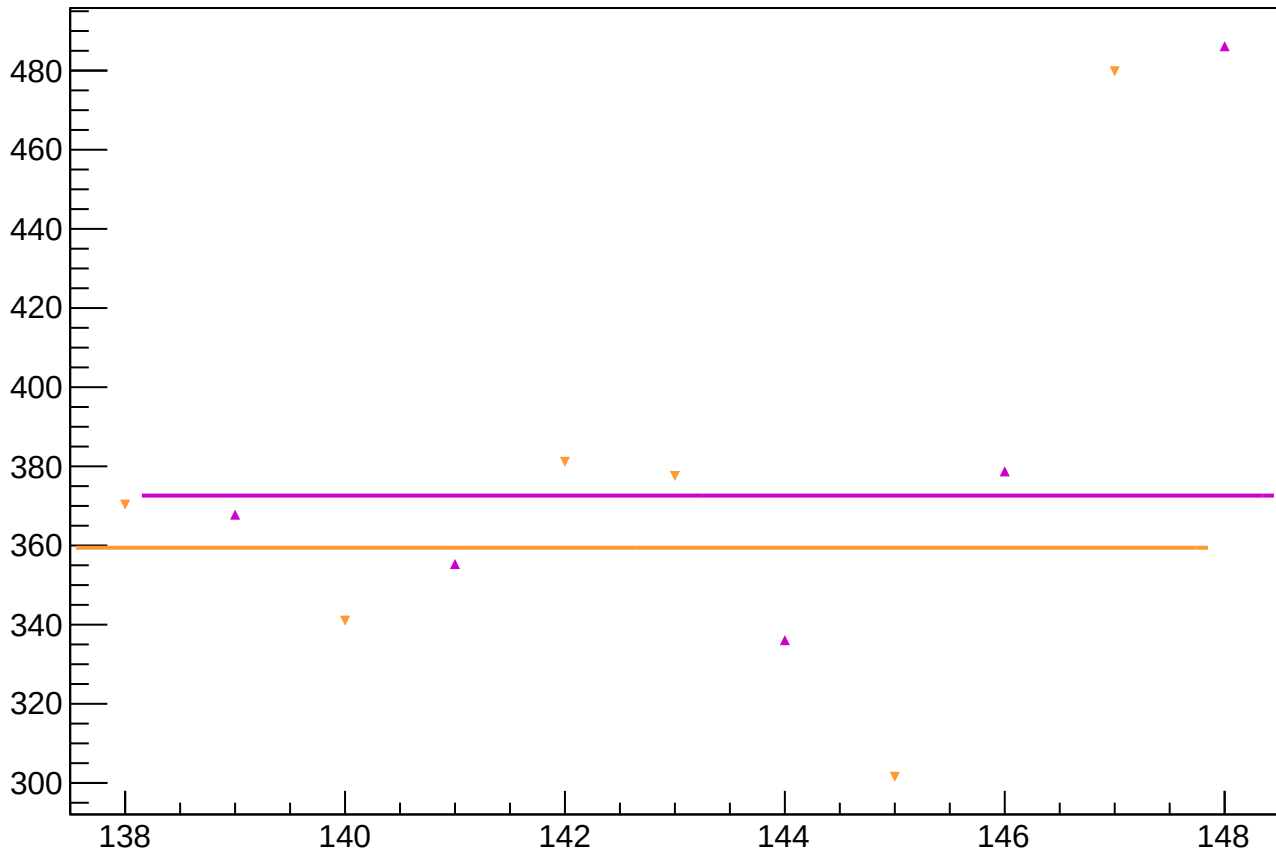
Left In: -281.342+/-185.879 χ^2/NDF : 2.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.598+/-128.547 χ^2/NDF : 11.3/10

- 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

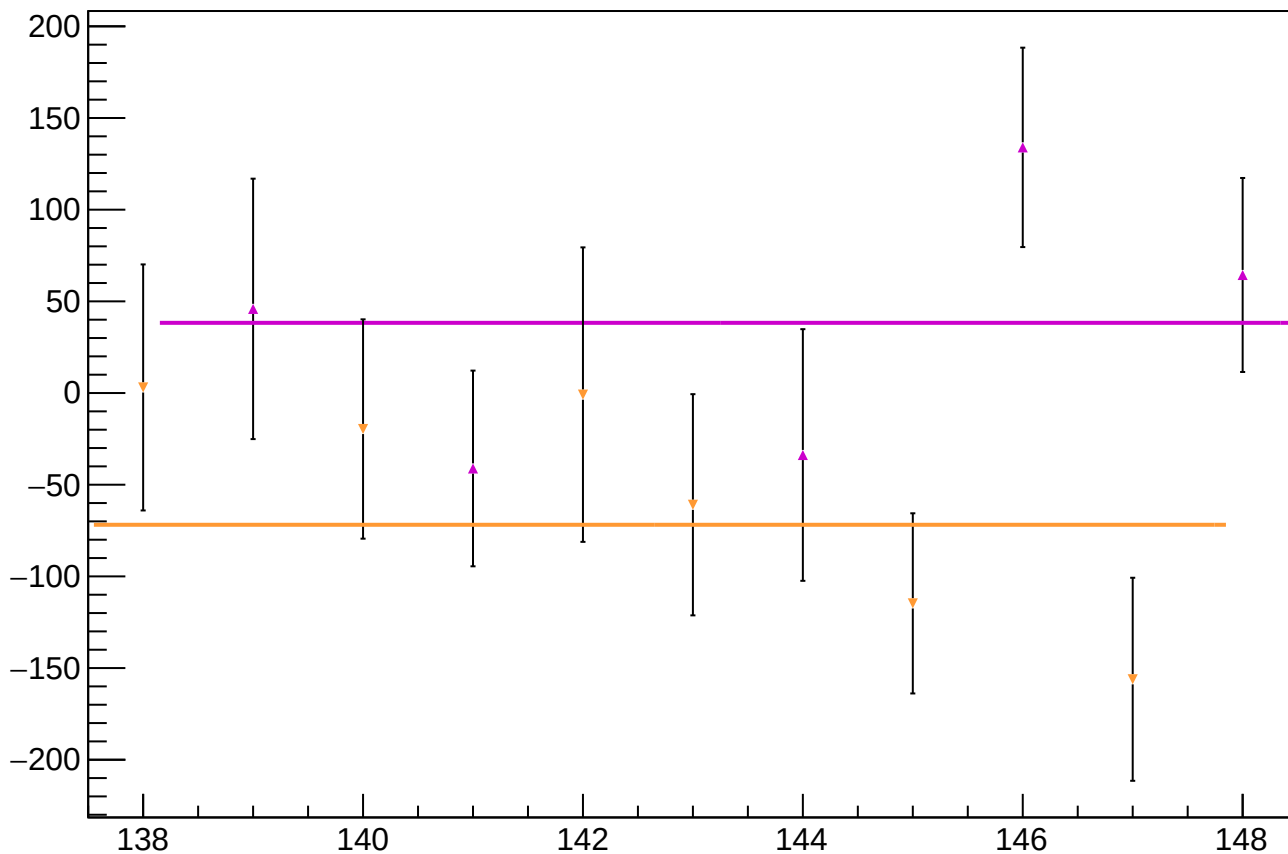
Left In: 372.614+/-0.131 χ^2/NDF :111727.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.738+/-0.091 χ^2/NDF : 282973.4/10

- 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

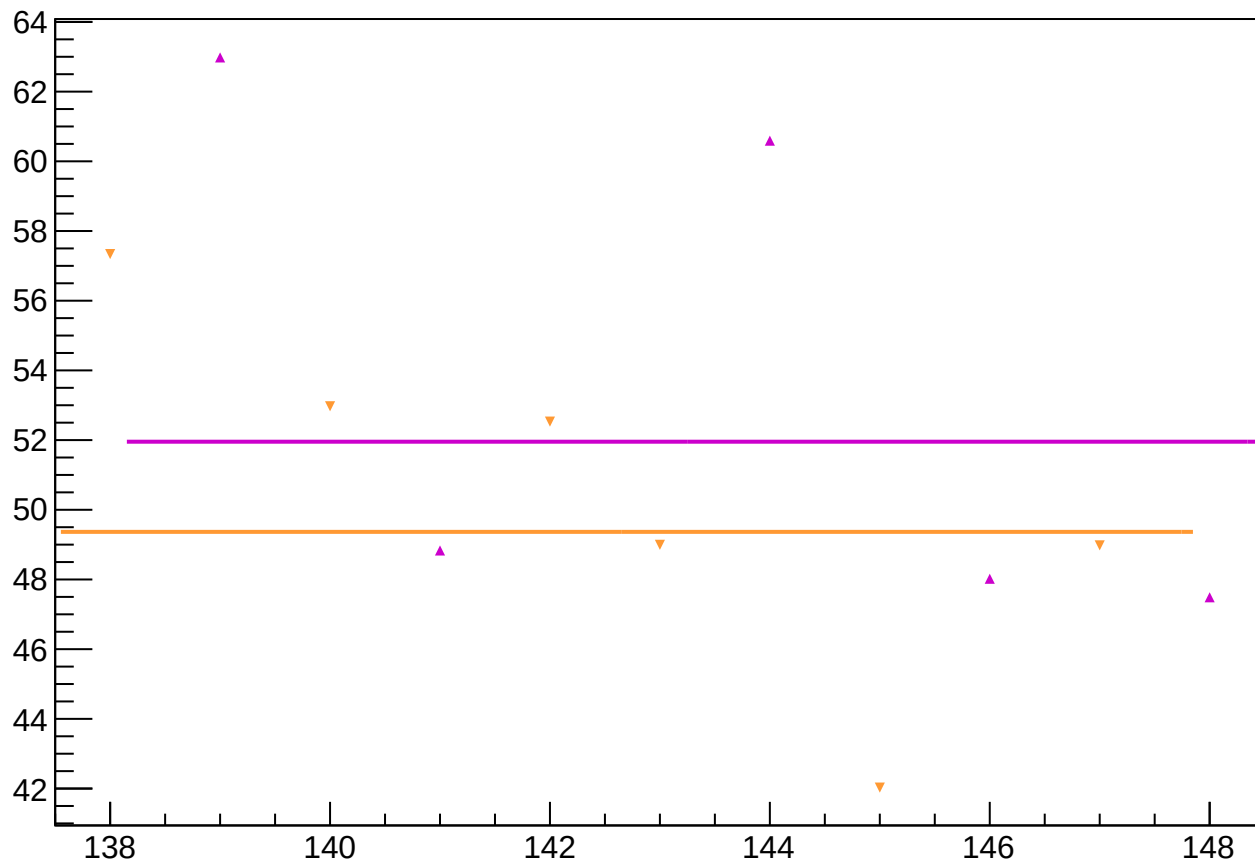
Left In: 38.288+/-26.196 χ^2/NDF : 6.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.563+/-17.876 χ^2/NDF : 22.0/10

- 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

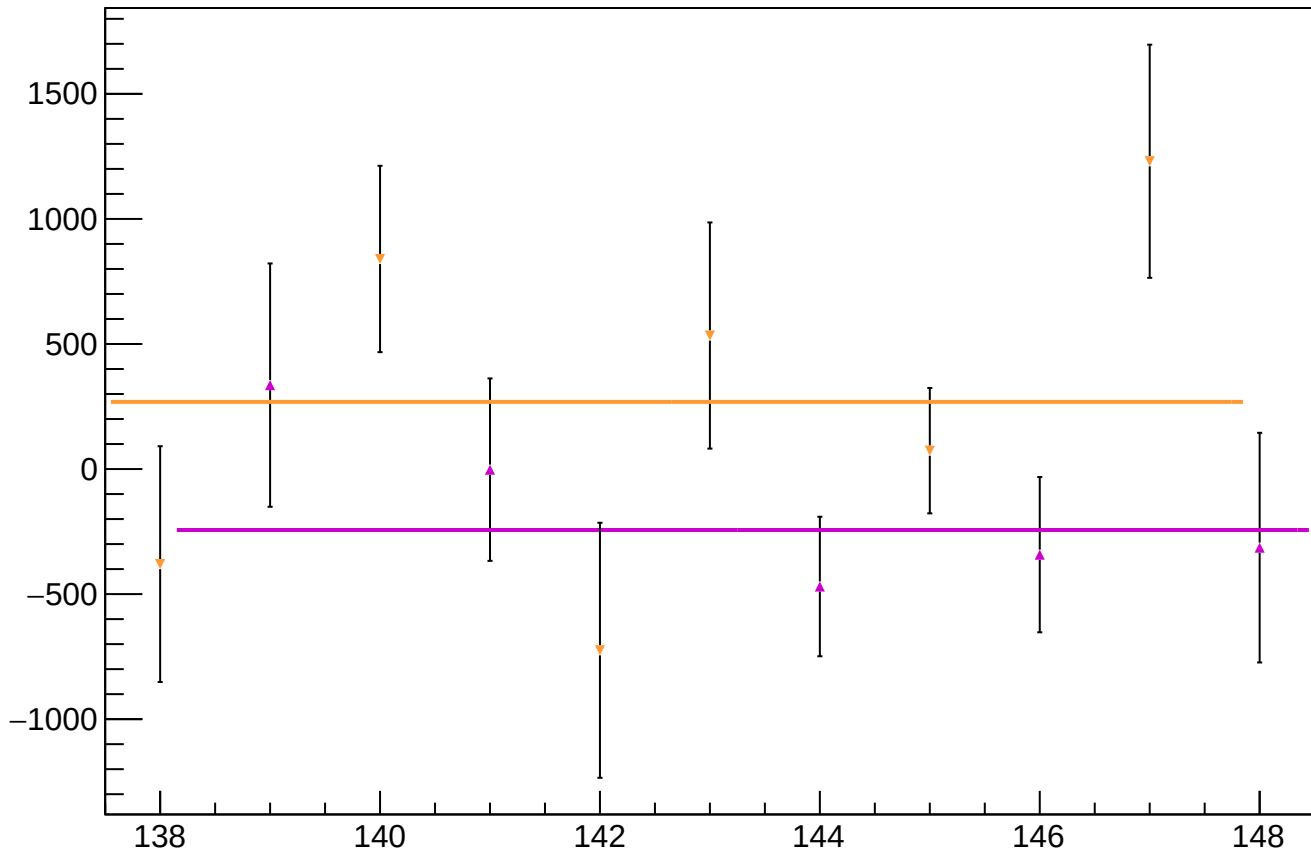
Left In: 51.954+/-0.019 χ^2/NDF : 111467.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.571+/-0.013 χ^2/NDF : 205284.8/10

- 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

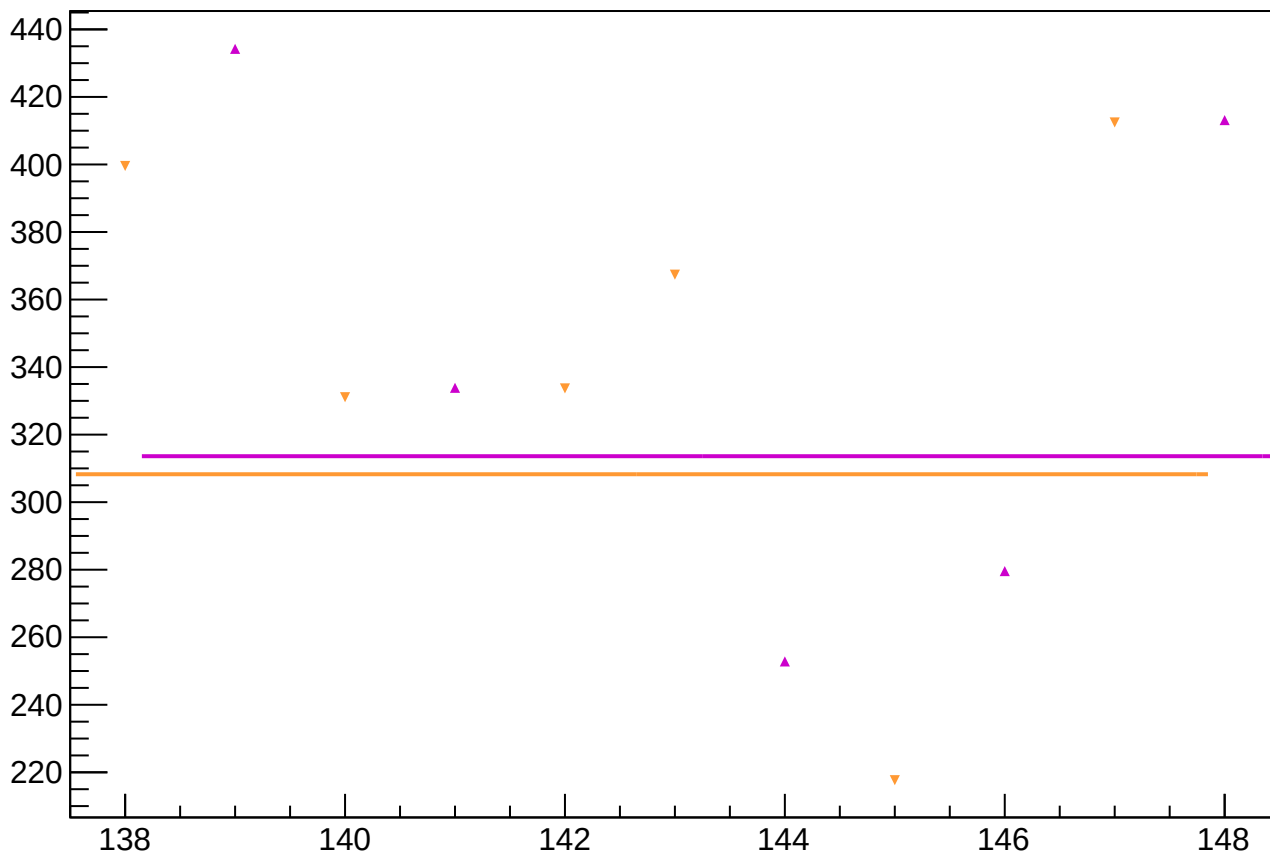
Left In: -243.730+/-158.667 χ^2/NDF :2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.344+/-111.329 χ^2/NDF : 21.2/10

- 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

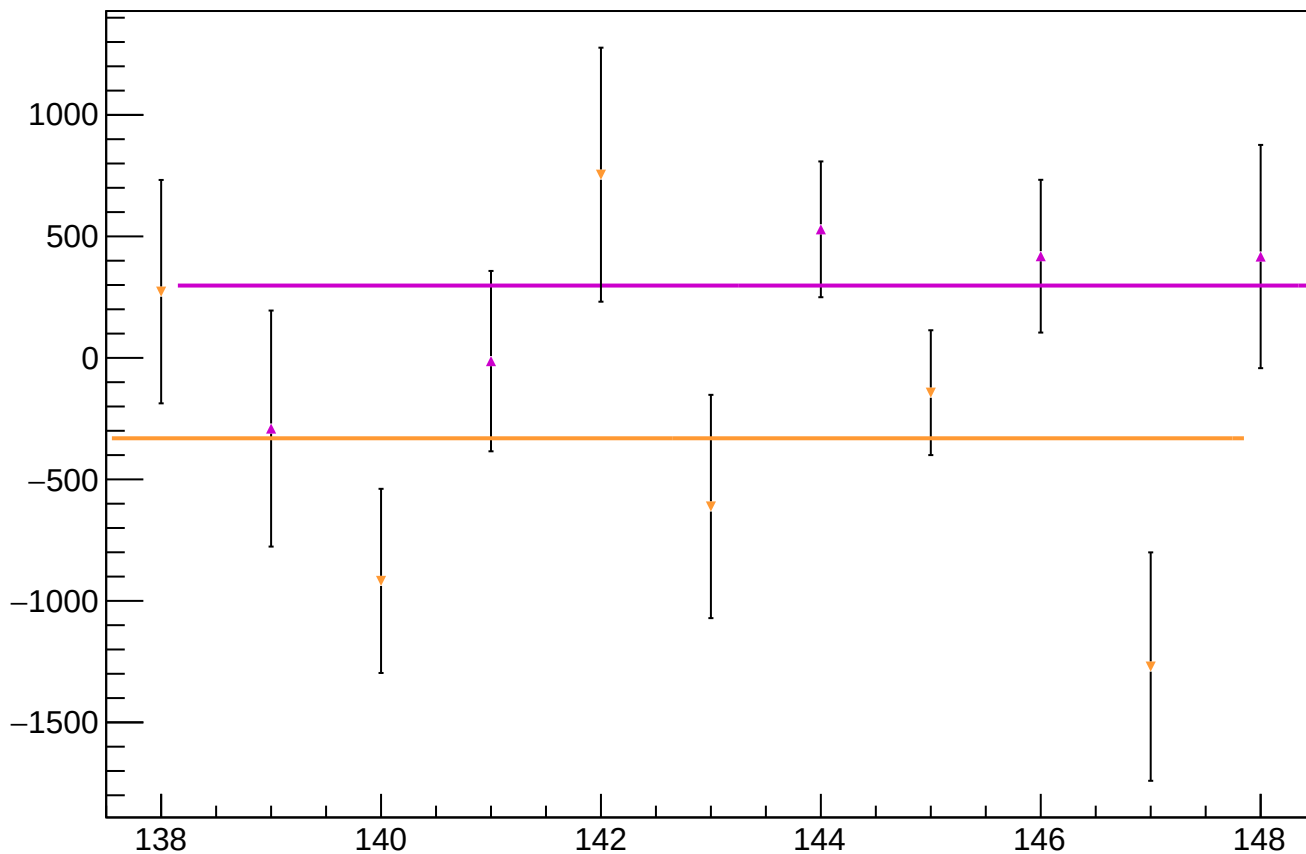
Left In: 313.611+/-0.112 χ^2/NDF : 342113.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.899+/-0.079 χ^2/NDF : 826063.6/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



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

Left Out: -330.829+/-158.558 χ^2/NDF :13.3/5

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

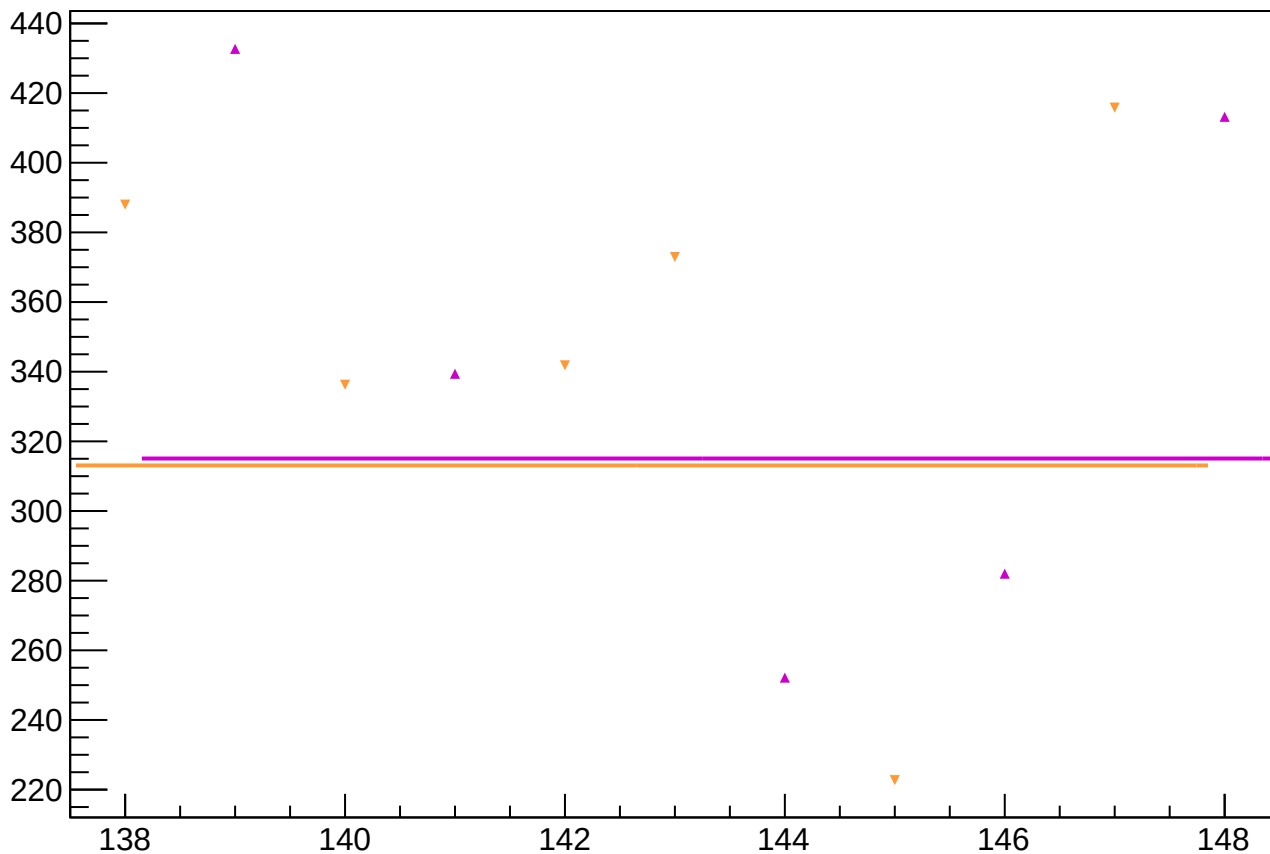
Left In: 297.714+/-159.788 χ^2/NDF :3.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.985+/-112.550 χ^2/NDF : 24.2/10

- sign 0.000+/-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

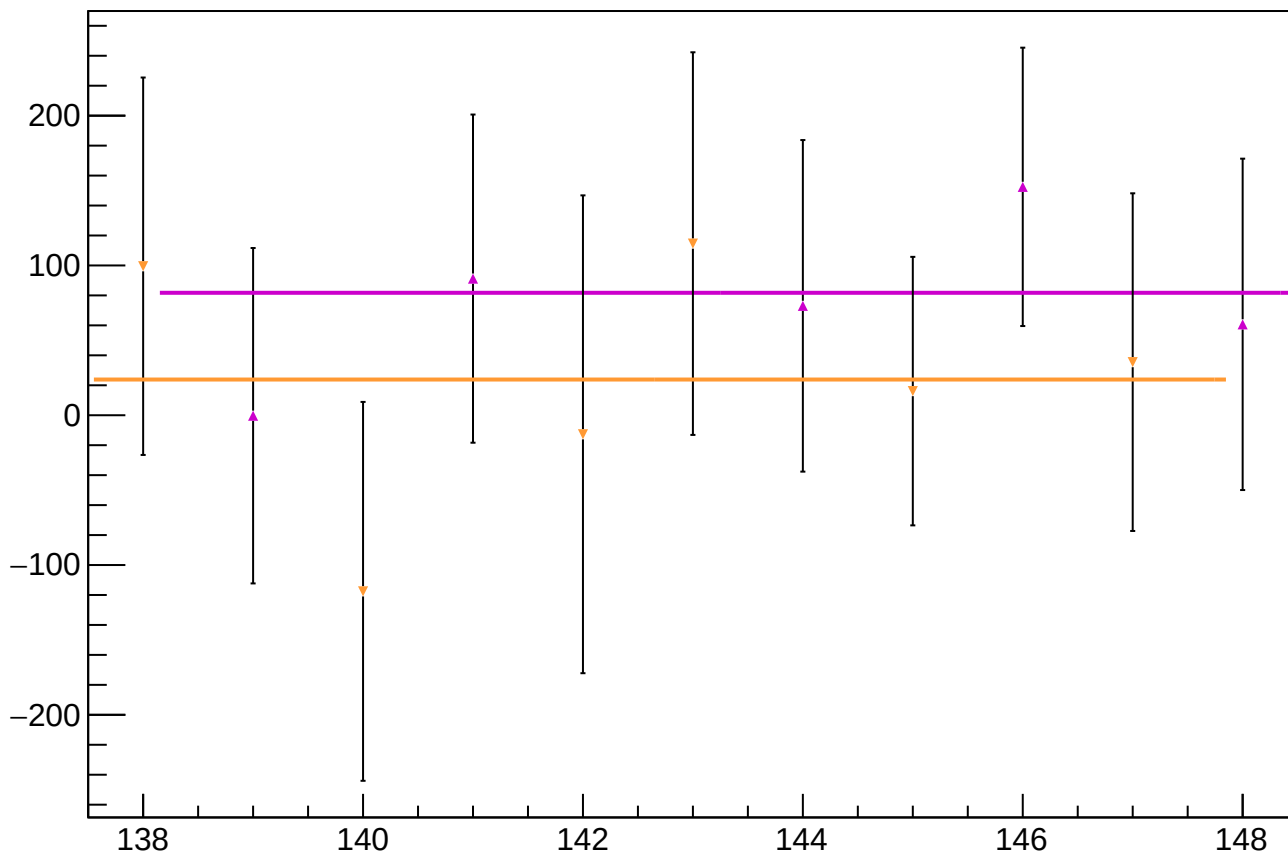
Left In: 315.069+/-0.113 χ^2/NDF : 340662.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.067+/-0.080 χ^2/NDF : 784432.0/10

- 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

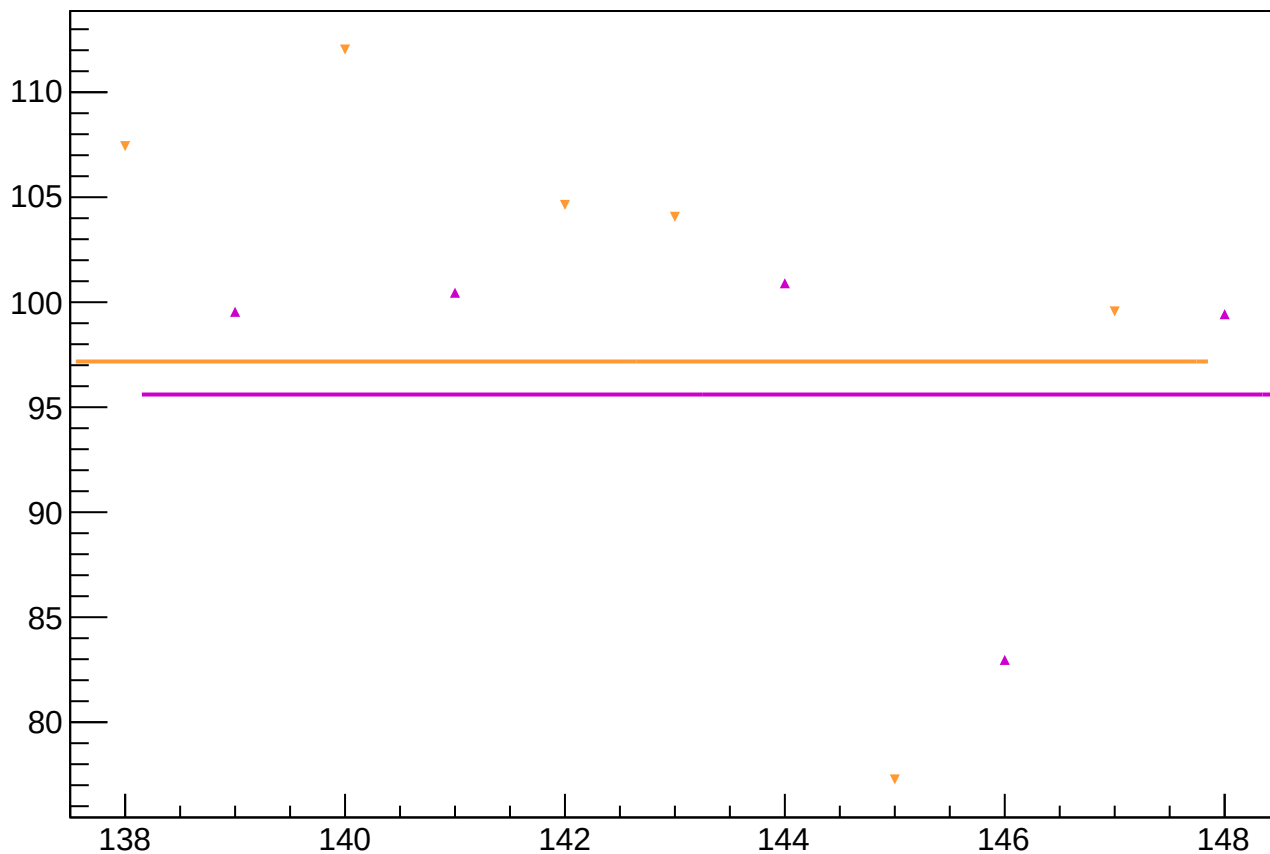
Left In: 81.747+/-47.551 χ^2/NDF : 1.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.226+/-33.873 χ^2/NDF : 4.1/10

- 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

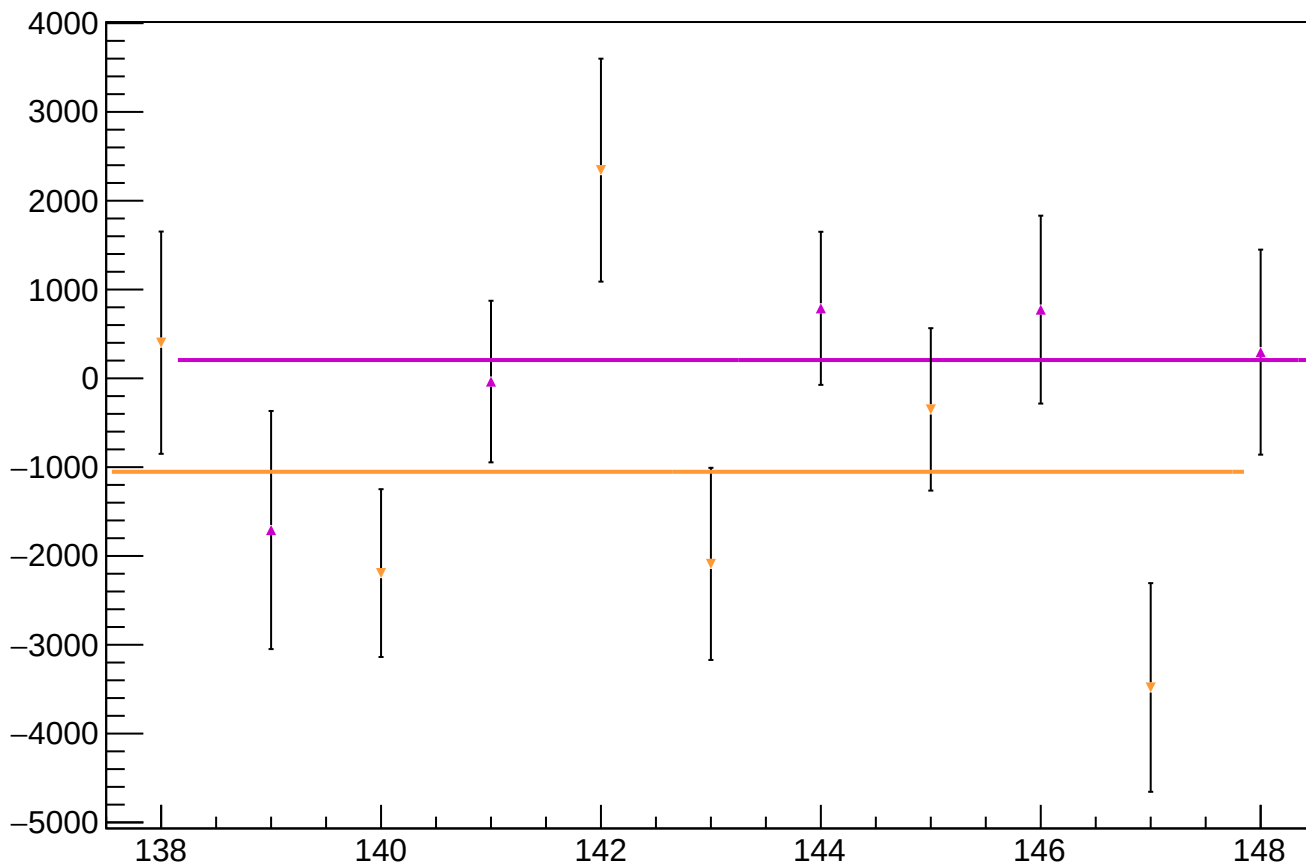
Left In: 95.604+/-0.034 χ^2/NDF :50353.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.379+/-0.024 χ^2/NDF : 201975.1/10

- 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

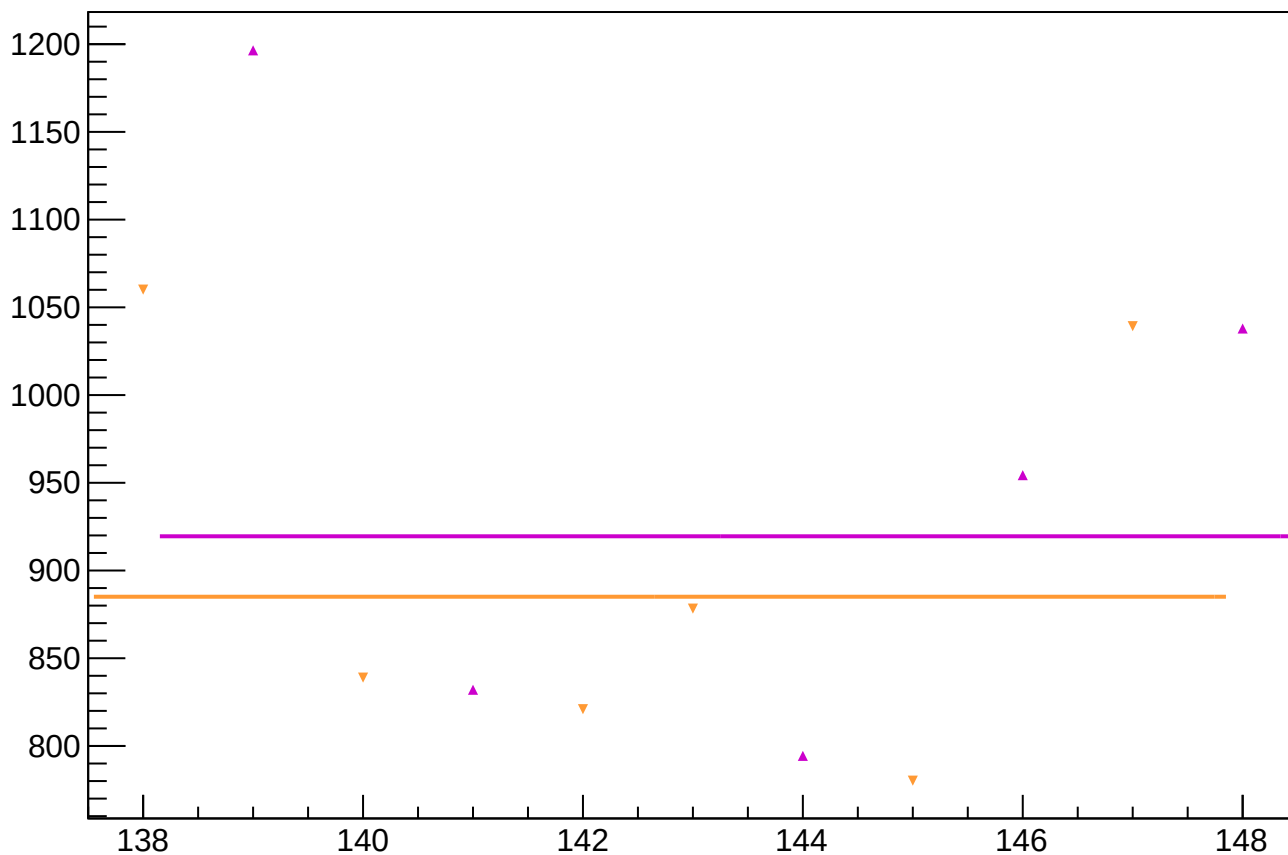
Left In: 206.118+/-458.583 χ^2/NDF :2.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.183+/-317.444 χ^2/NDF : 22.7/10

- 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

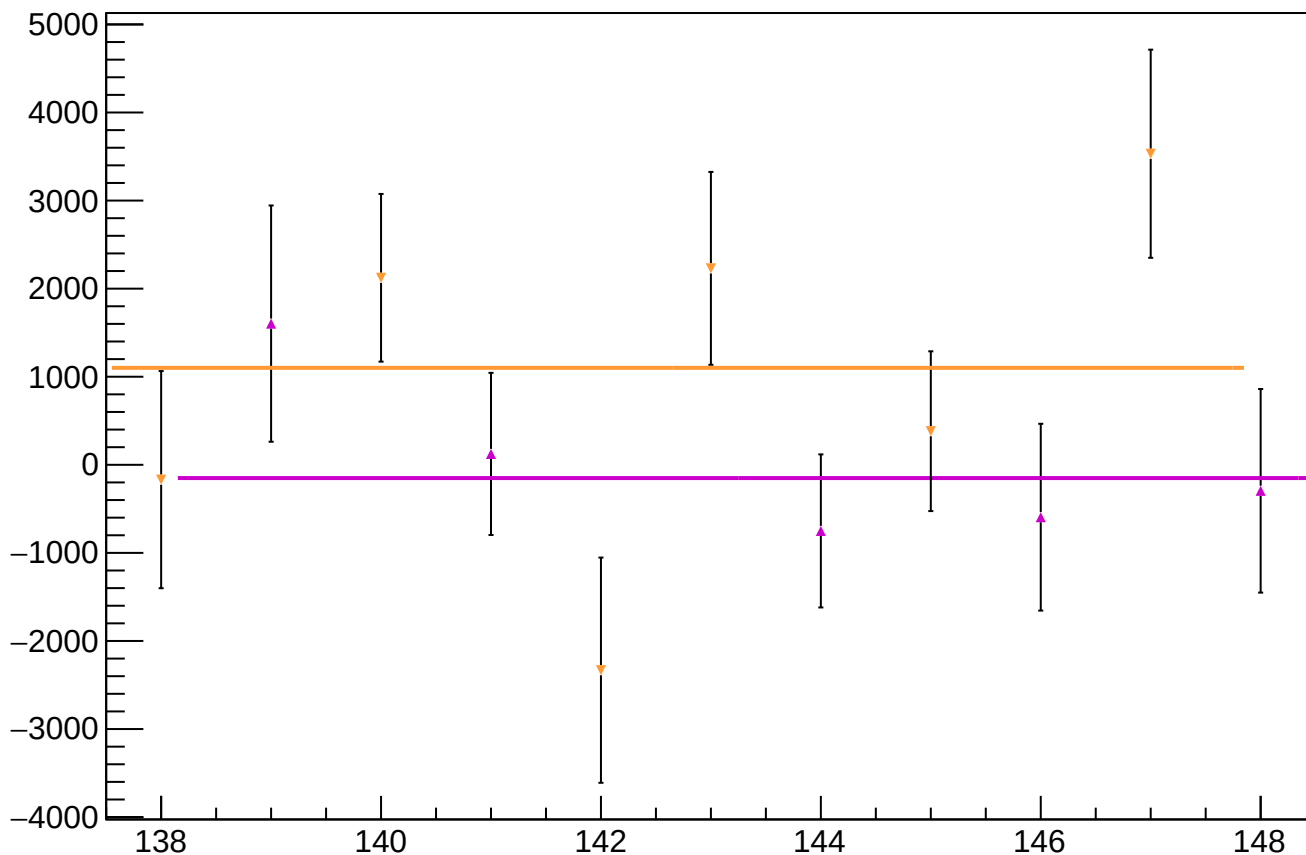
Left In: 919.512+/-0.324 χ^2/NDF :169248.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 901.569+/-0.224 χ^2/NDF : 285048.7/10

- 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

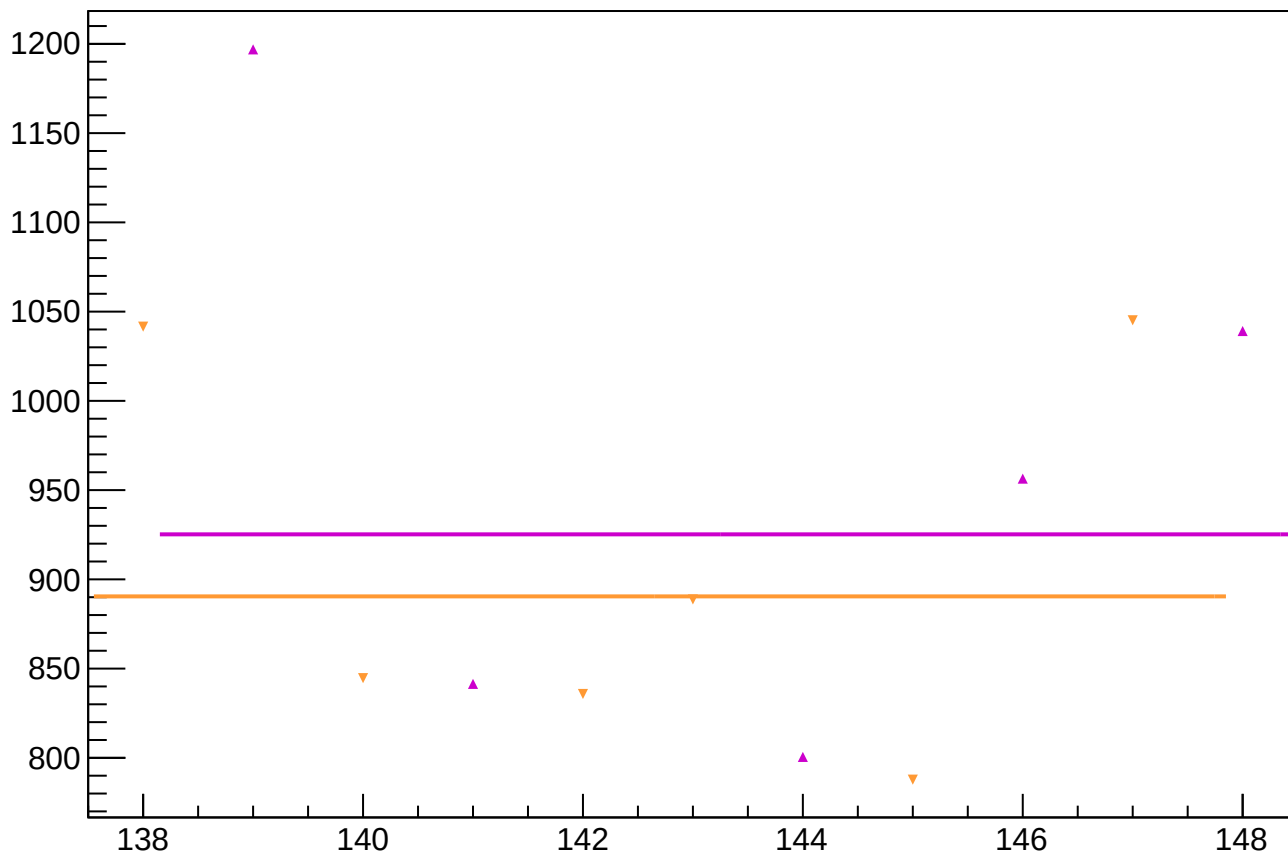
Left In: -150.467+/-461.348 χ^2/NDF :2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.341+/-318.834 χ^2/NDF : 21.7/10

- 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

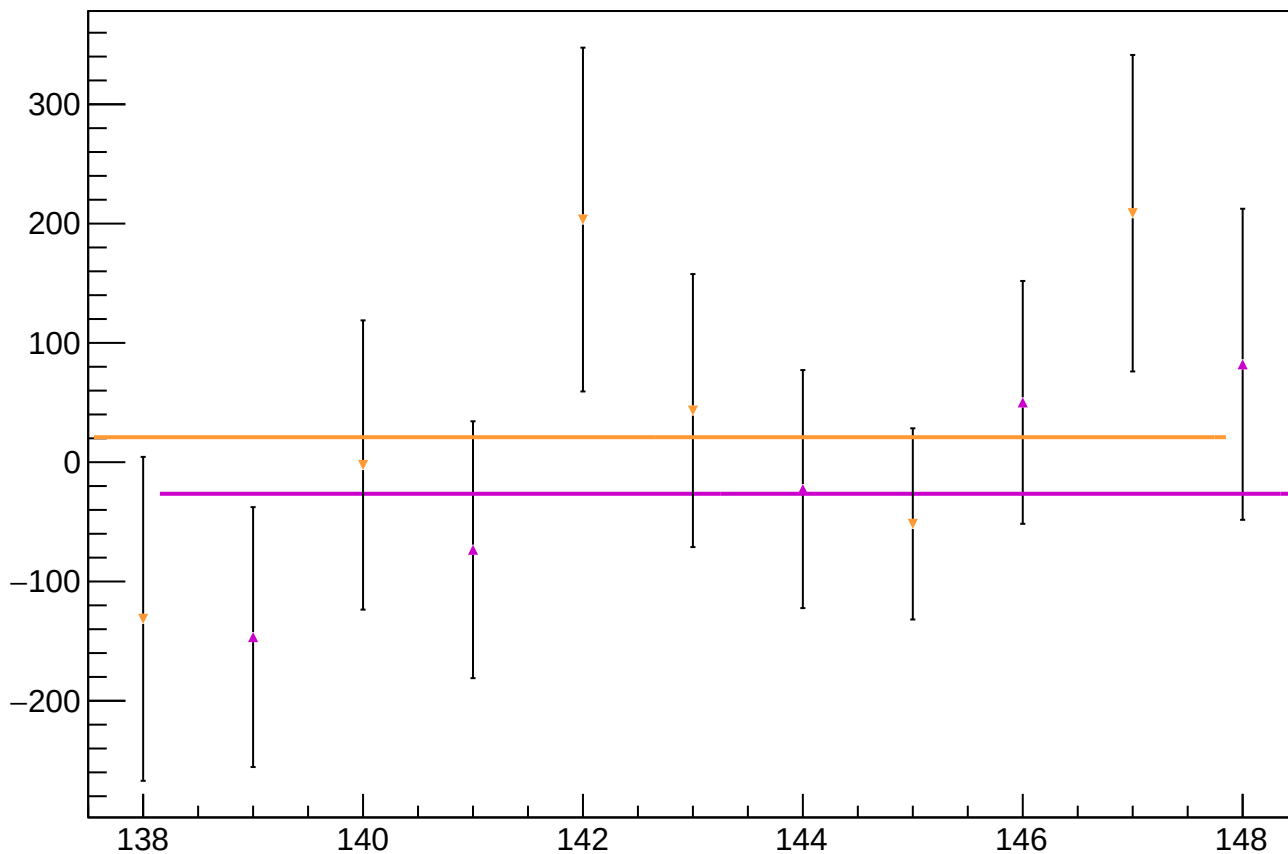
Left In: 925.217+/-0.326 χ^2/NDF : 160981.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 907.058+/-0.225 χ^2/NDF : 265178.0/10

- 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

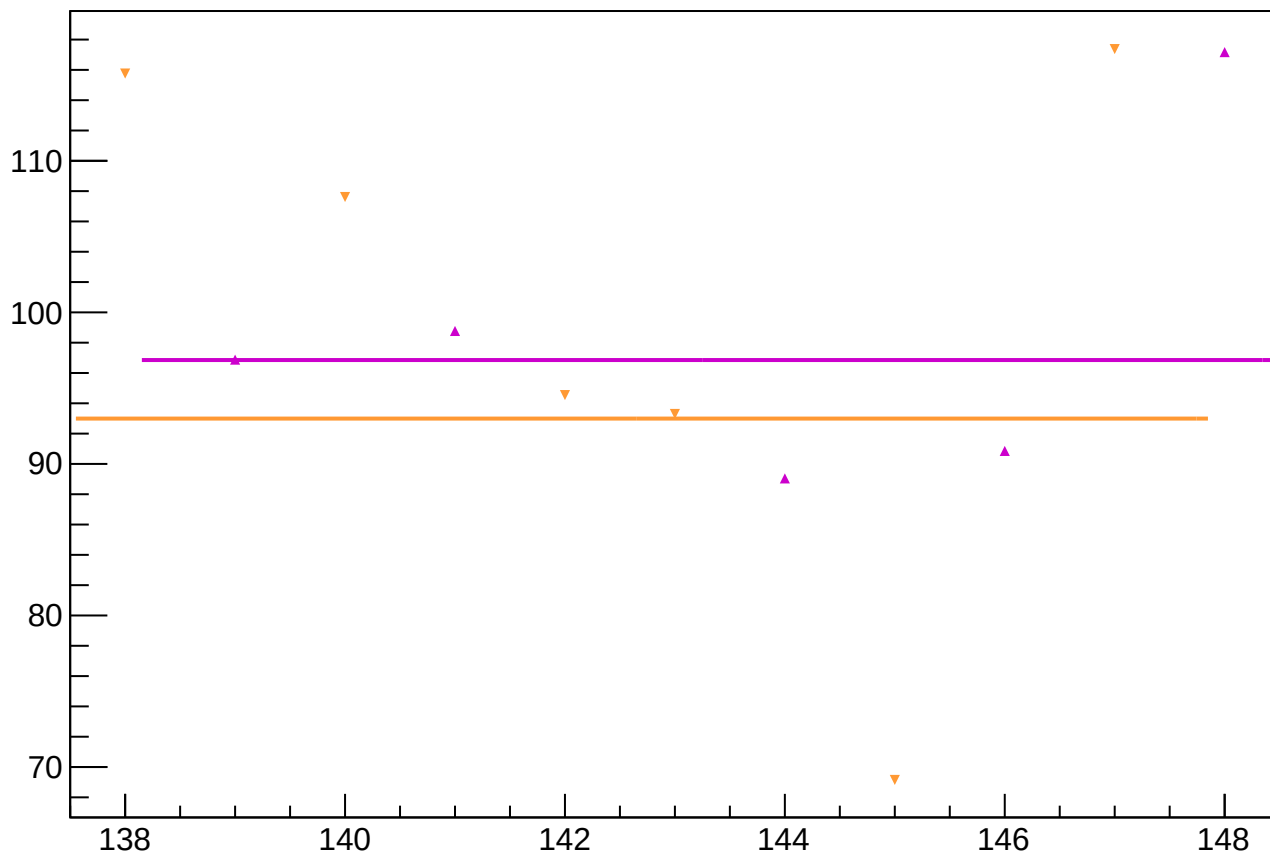
Left In: -26.463+/-48.428 χ^2/NDF : 2.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.874+/-33.599 χ^2/NDF : 8.9/10

- 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

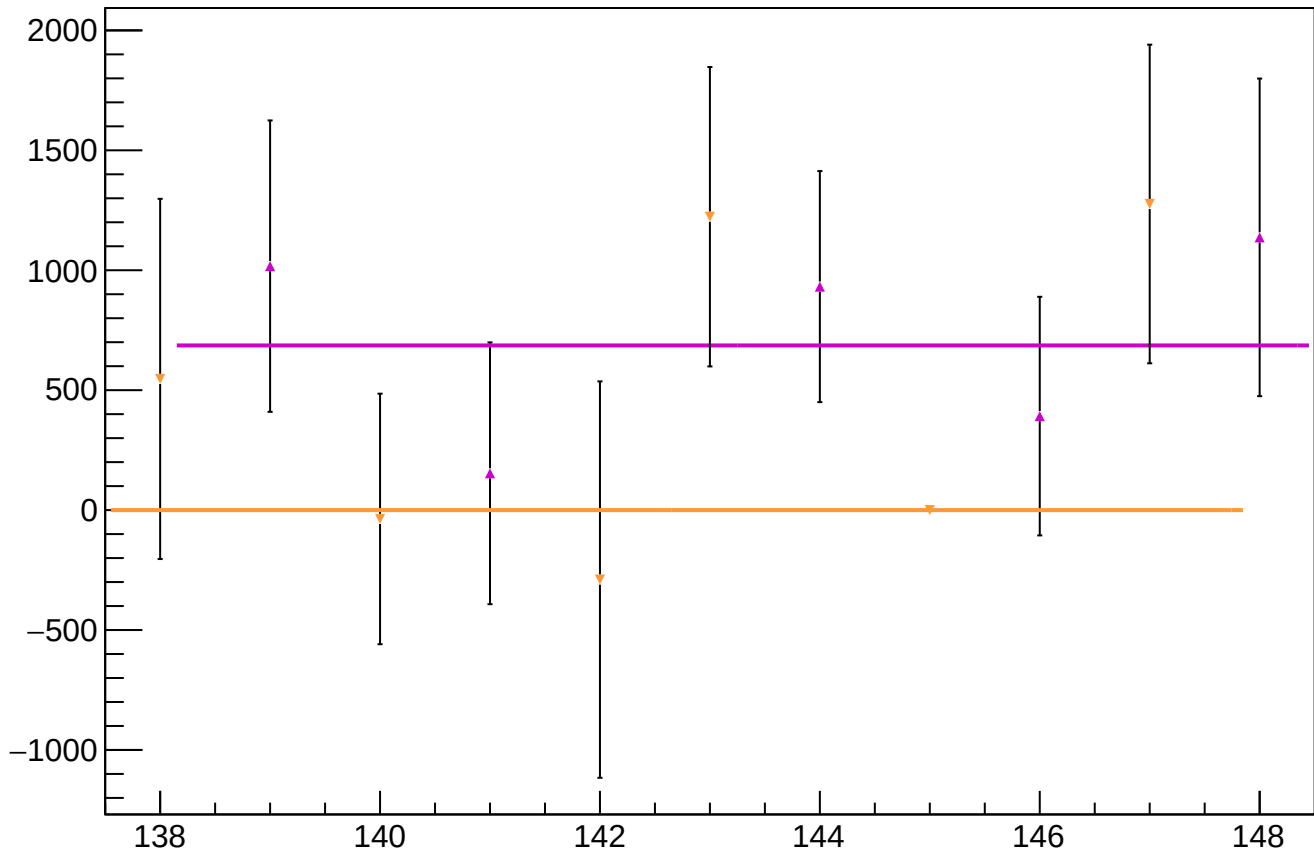
Left In: 96.855+/-0.034 χ^2/NDF : 68409.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.851+/-0.024 χ^2/NDF : 405241.7/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_correction_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: 8.2/5

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

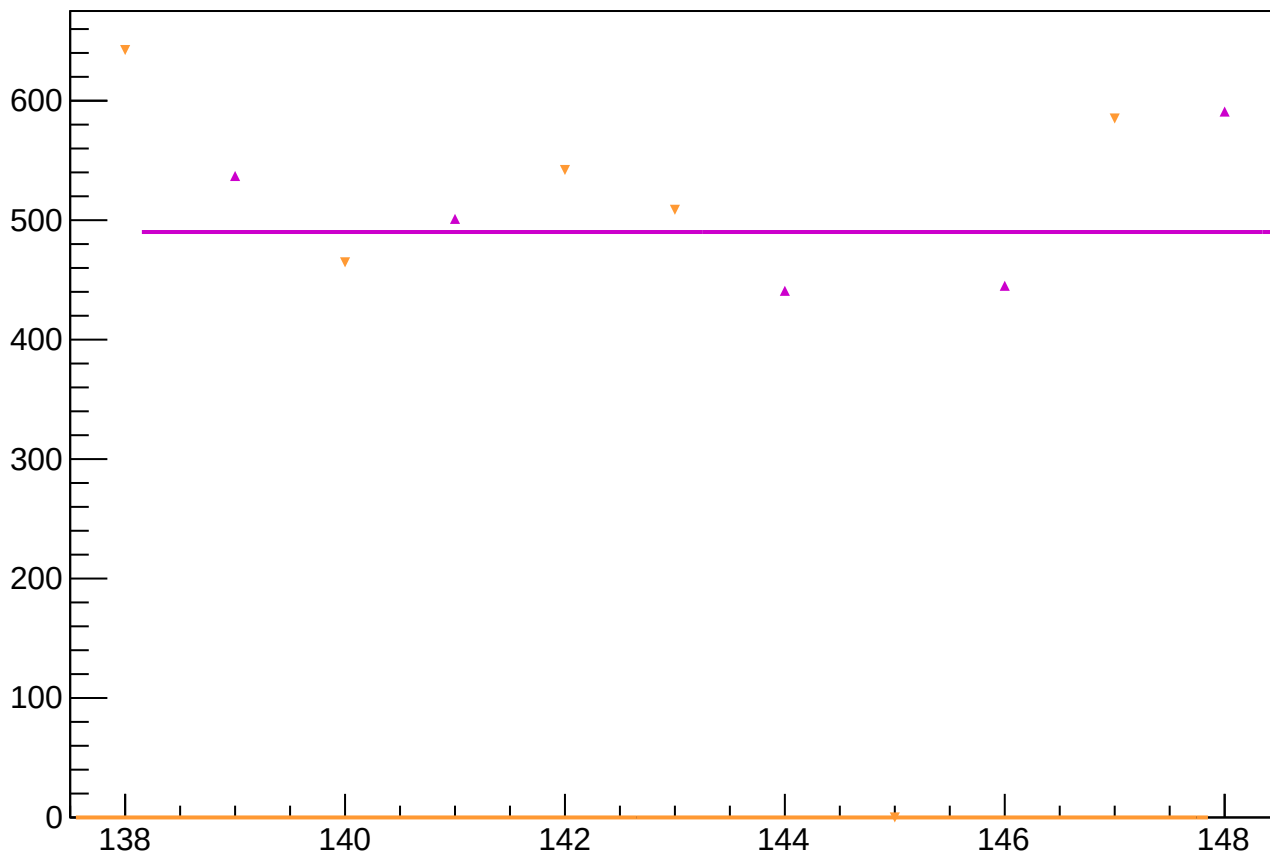
Left In: 686.518 $\pm$ 244.695 χ^2 /NDF: 2.3/4

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.4/10

- sign 0.000 $\pm$ 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

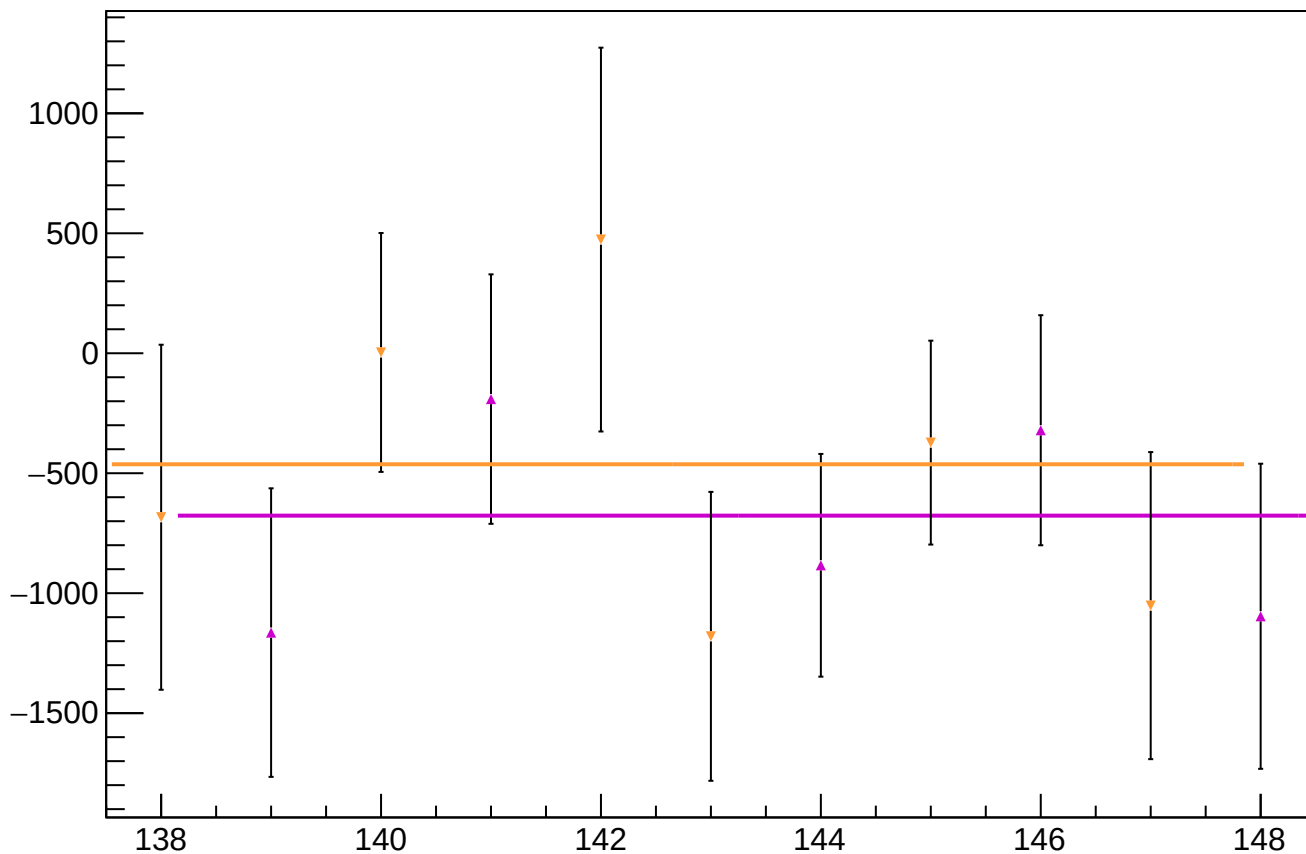
Left In: 490.099+/-0.173 χ^2/NDF : 96383.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14908088.1/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



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

Left Out: -462.694+/-233.929 χ^2/NDF : 4.7/5

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

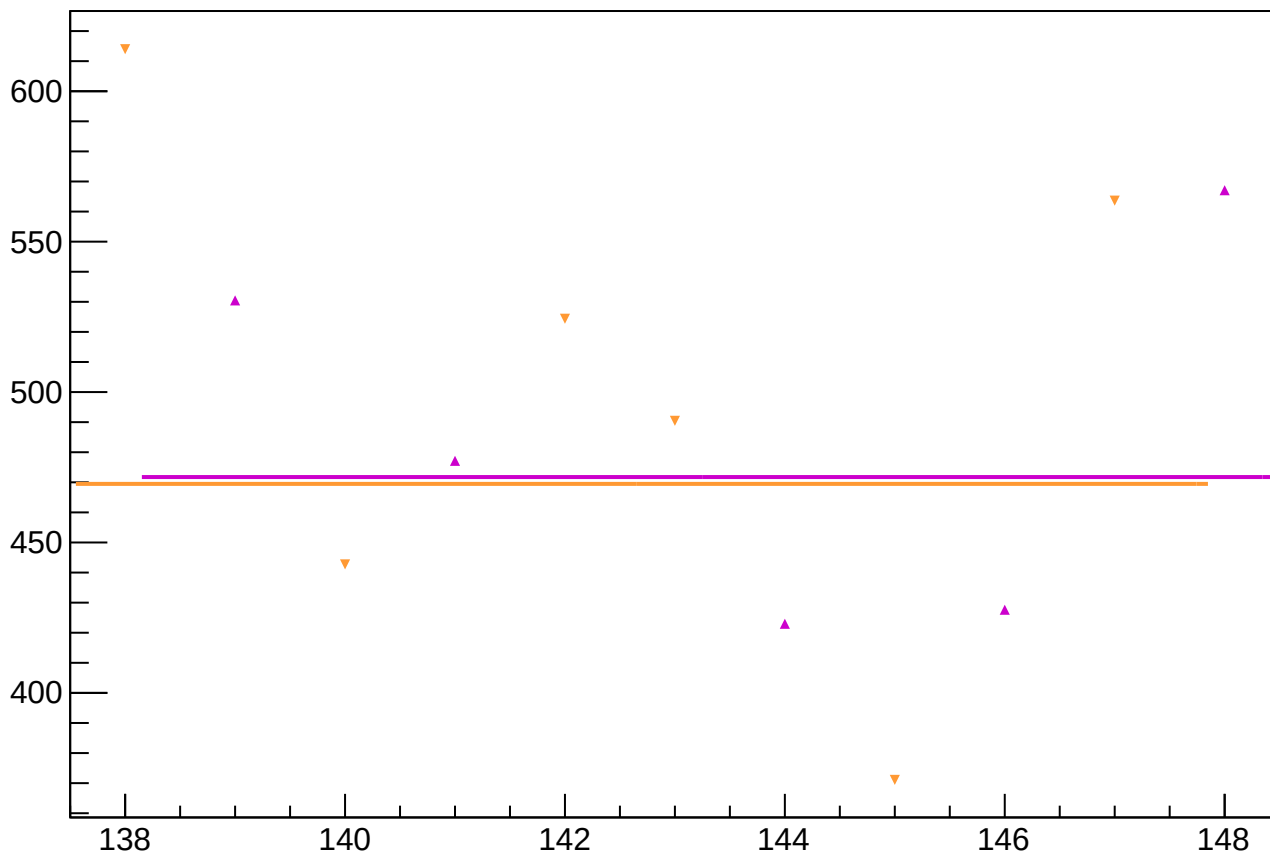
Left In: -676.790+/-236.152 χ^2/NDF : 2.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -568.730+/-166.193 χ^2/NDF : 7.8/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_rms vs Slug



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

Left Out: 469.478+/-0.165 χ^2/NDF : 248964.7/5

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

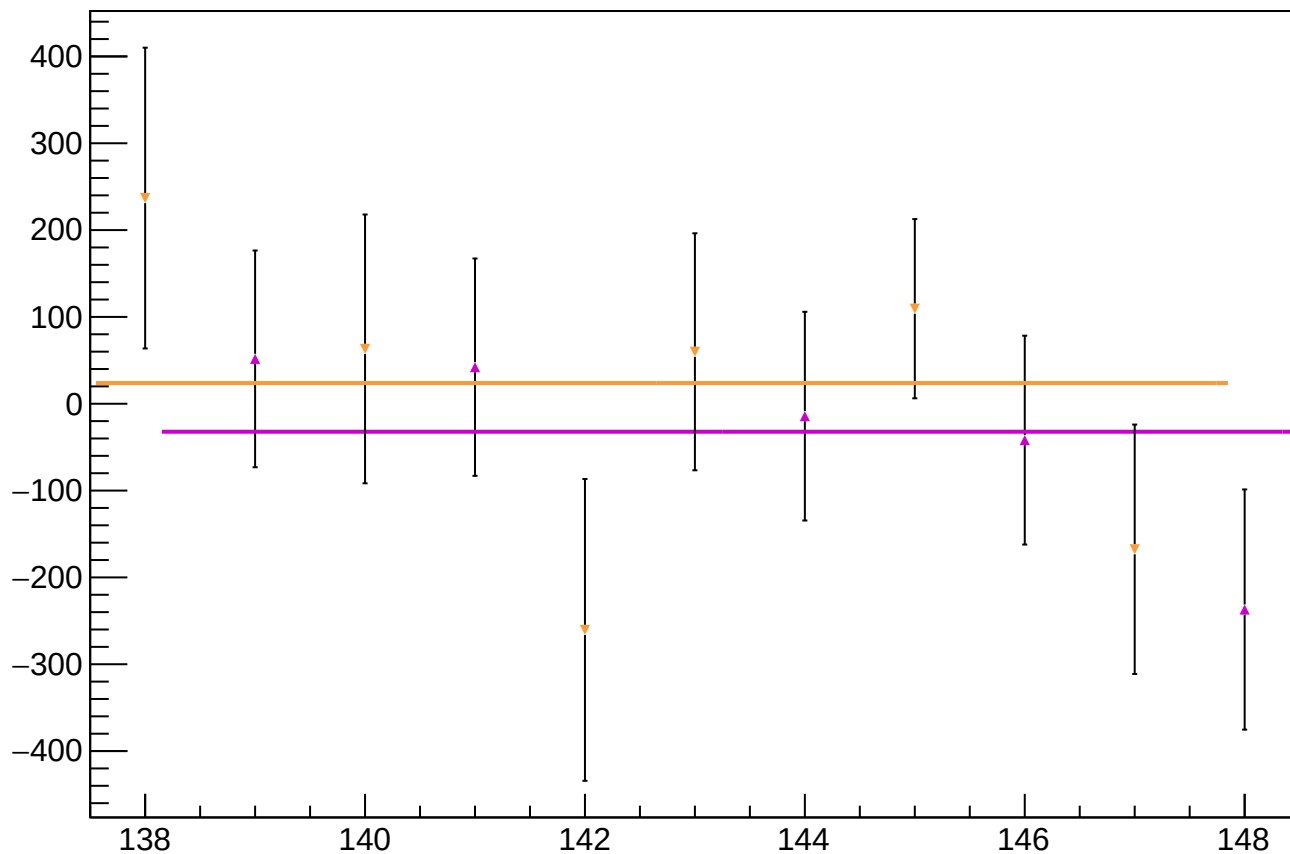
Left In: 471.751+/-0.167 χ^2/NDF : 103271.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.604+/-0.118 χ^2/NDF : 352329.5/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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

Left Out: 23.908+/-57.332 χ^2/NDF : 6.8/5

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

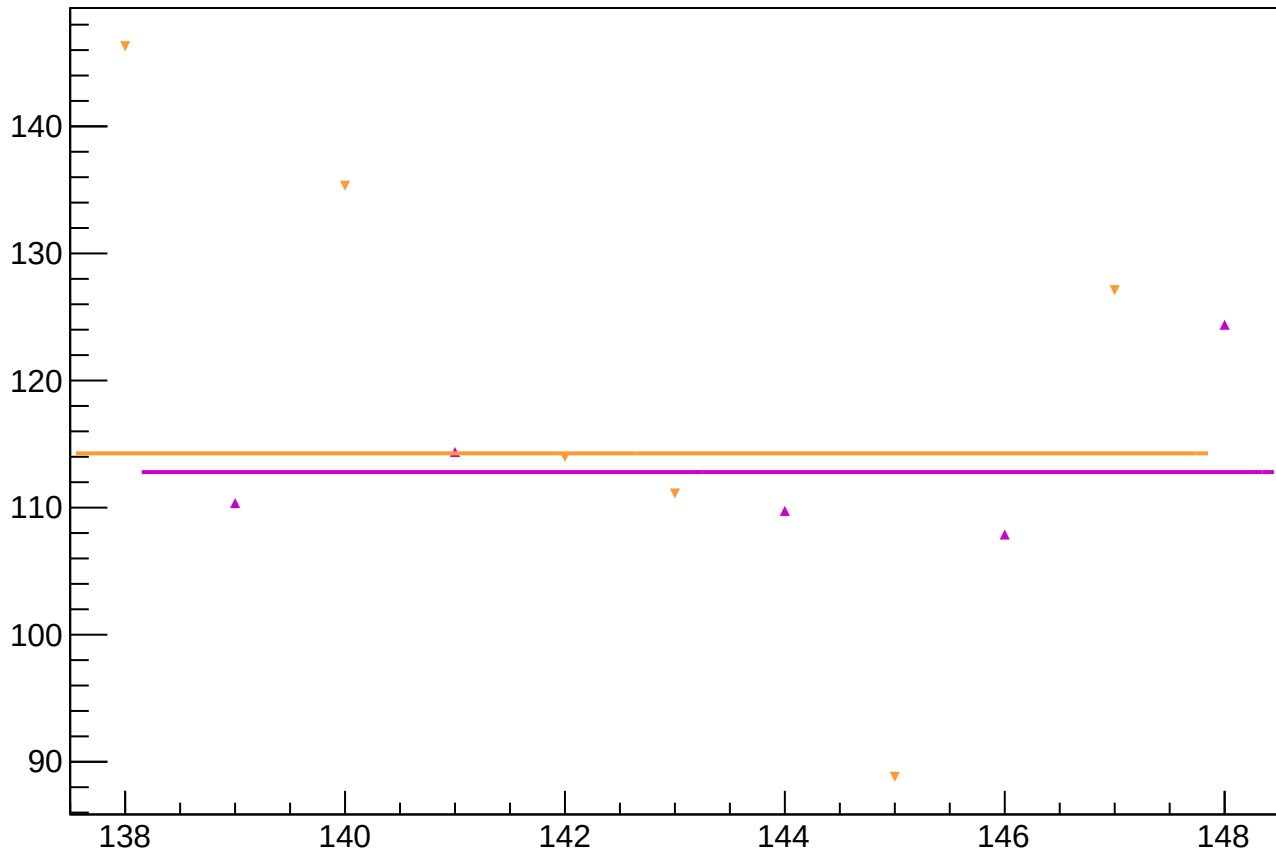
Left In: -32.217+/-56.018 χ^2/NDF : 3.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.805+/-40.067 χ^2/NDF : 10.3/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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

Left Out: 114.271+/-0.041 χ^2/NDF : 244164.9/5

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

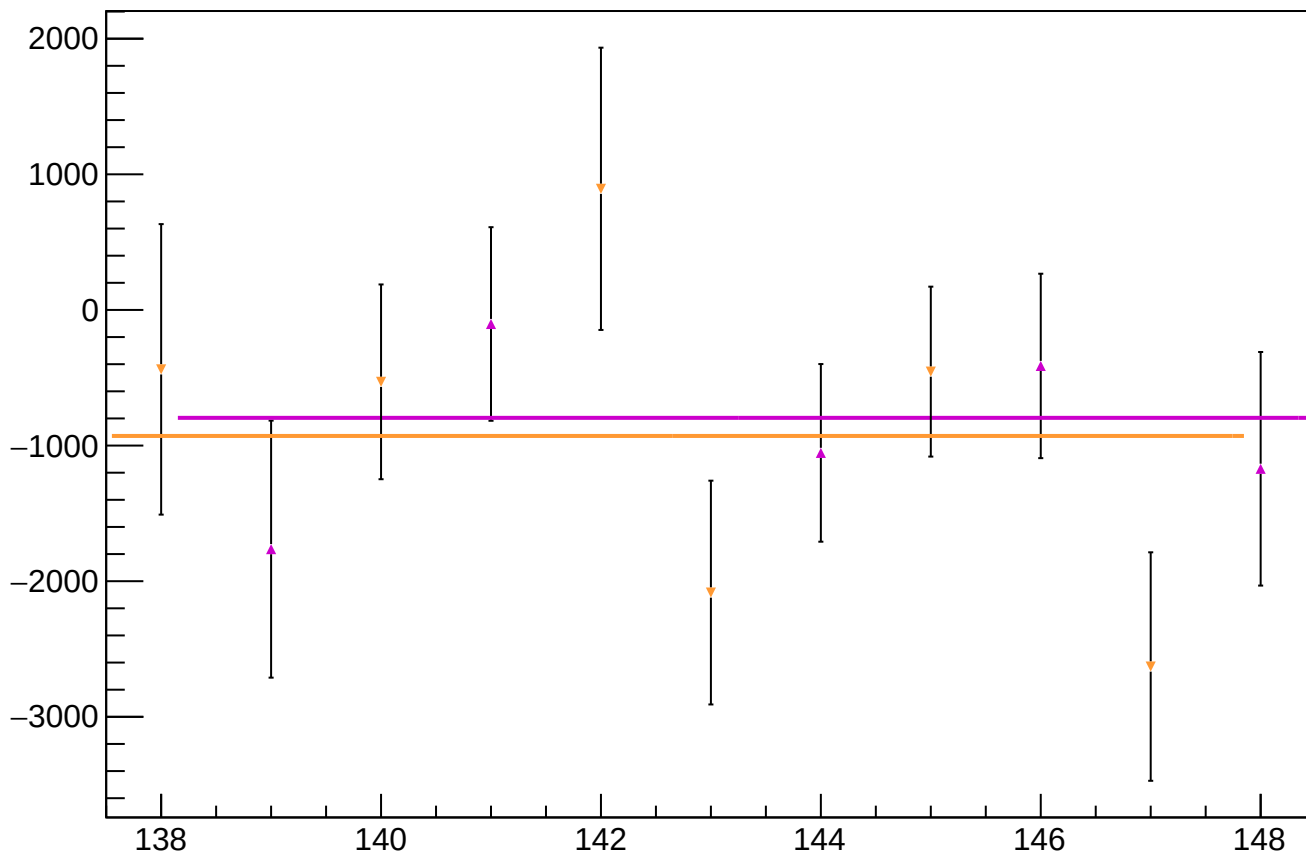
Left In: 112.794+/-0.040 χ^2/NDF : 19755.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.515+/-0.028 χ^2/NDF : 264599.0/10

- 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

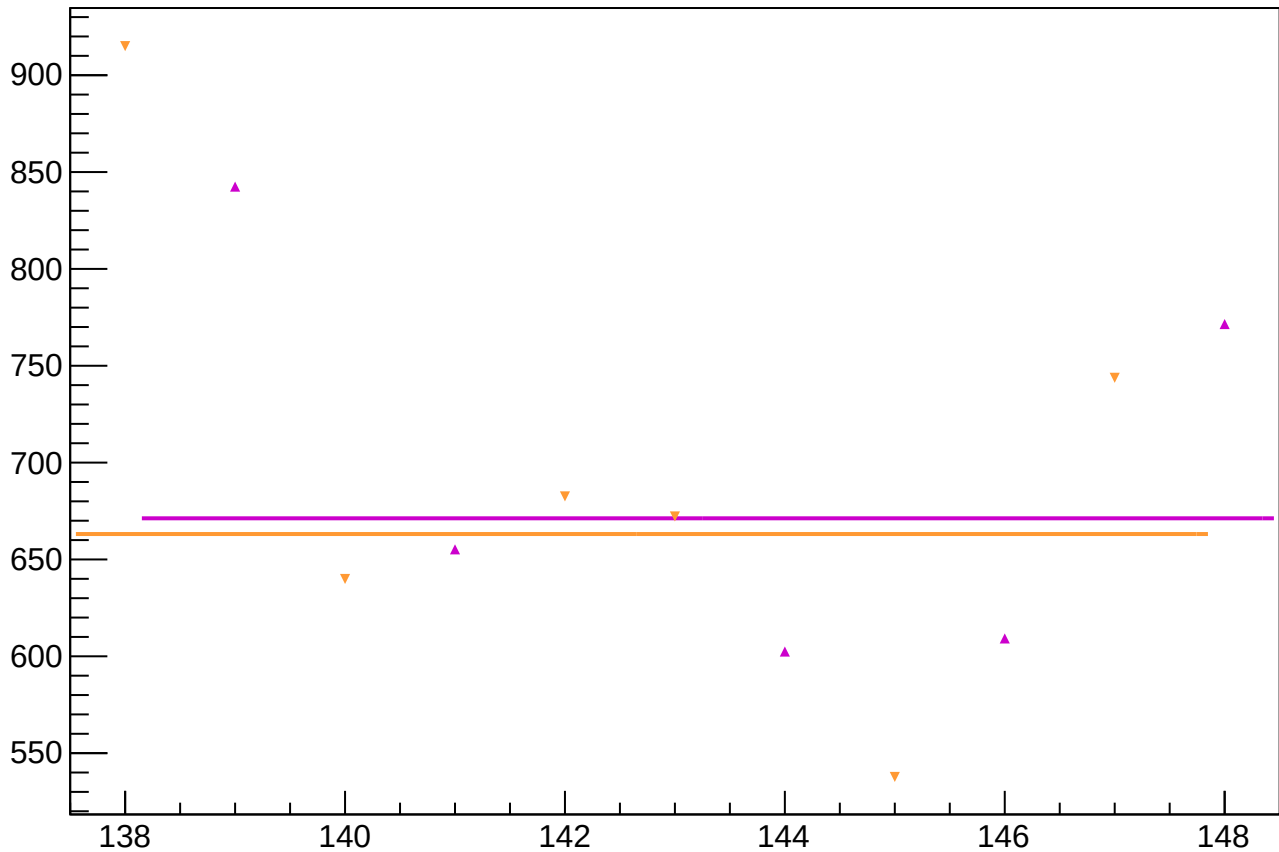
Left In: -795.565+/-334.829 χ^2/NDF :2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -863.213+/-235.172 χ^2/NDF : 12.9/10

- 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

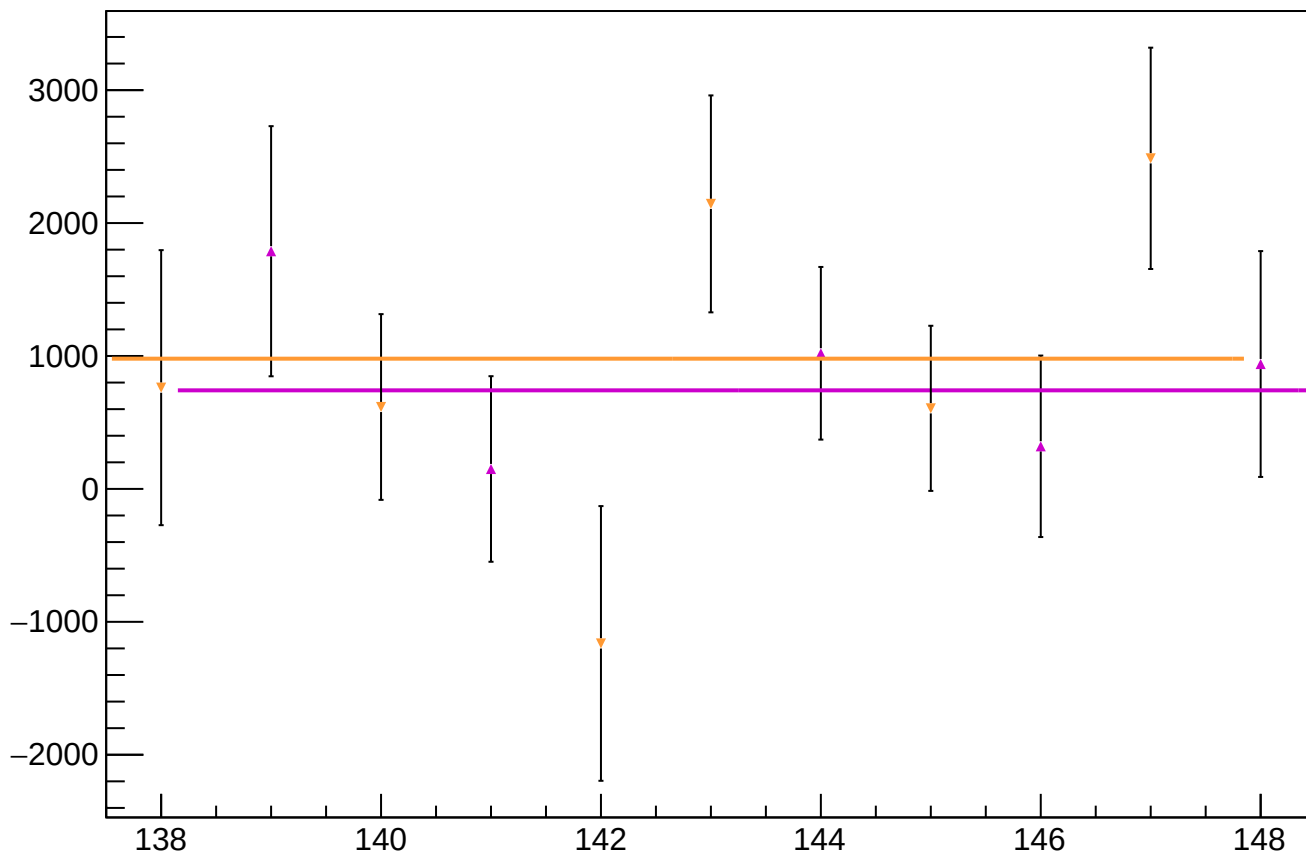
Left In: 671.240+/-0.237 χ^2/NDF : 132146.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.128+/-0.166 χ^2/NDF : 344872.5/10

- 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

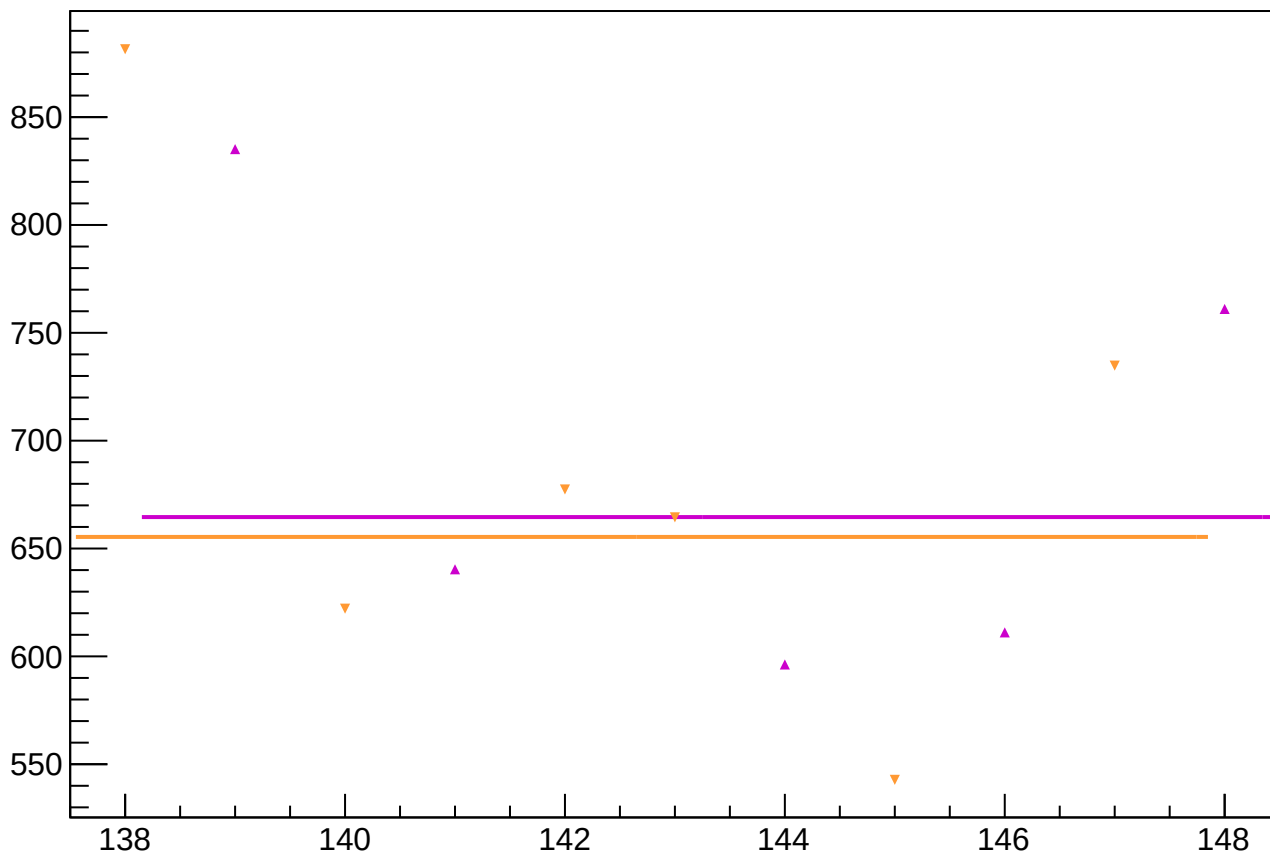
Left In: 741.526+/-331.775 χ^2/NDF :2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.018+/-232.240 χ^2/NDF : 13.1/10

- 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

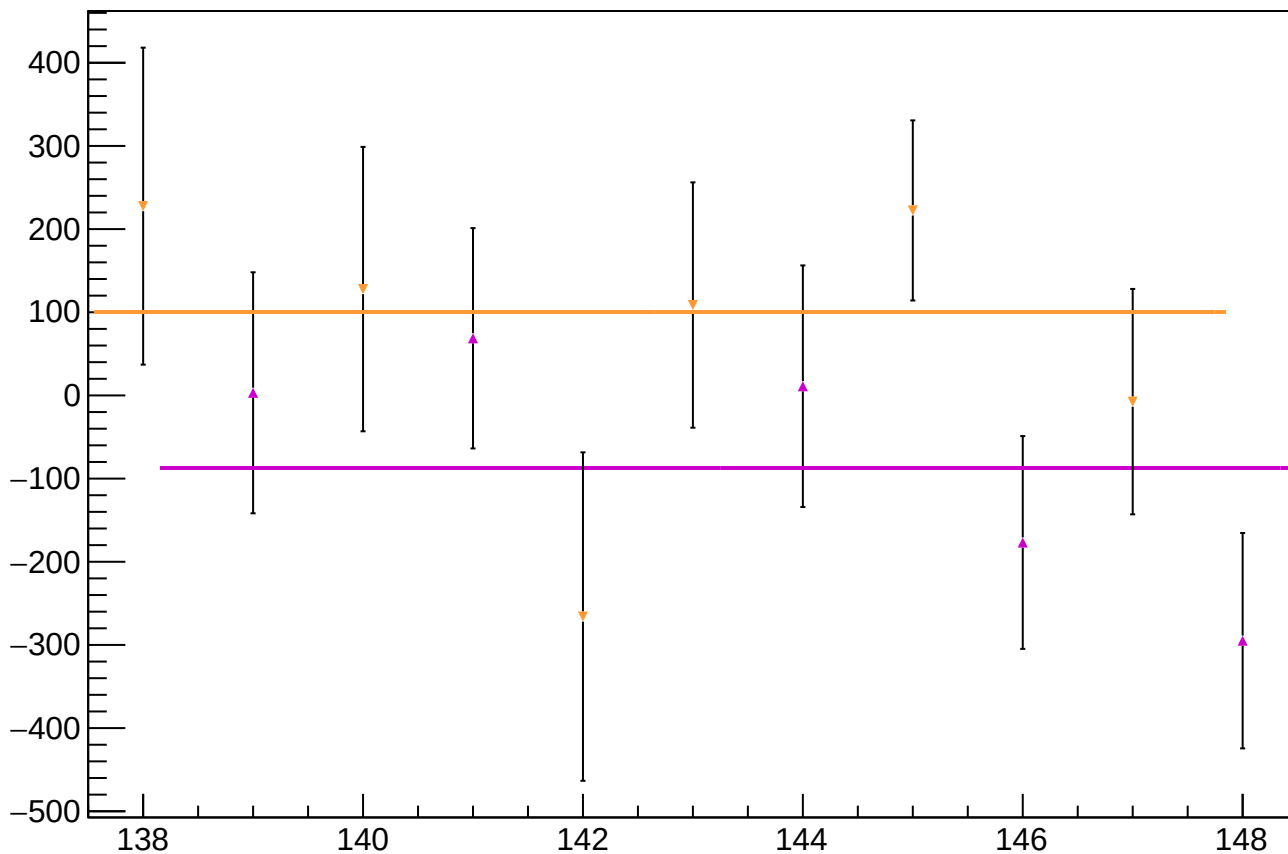
Left In: 664.581+/-0.235 χ^2/NDF :128367.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.885+/-0.164 χ^2/NDF : 314312.6/10

- 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

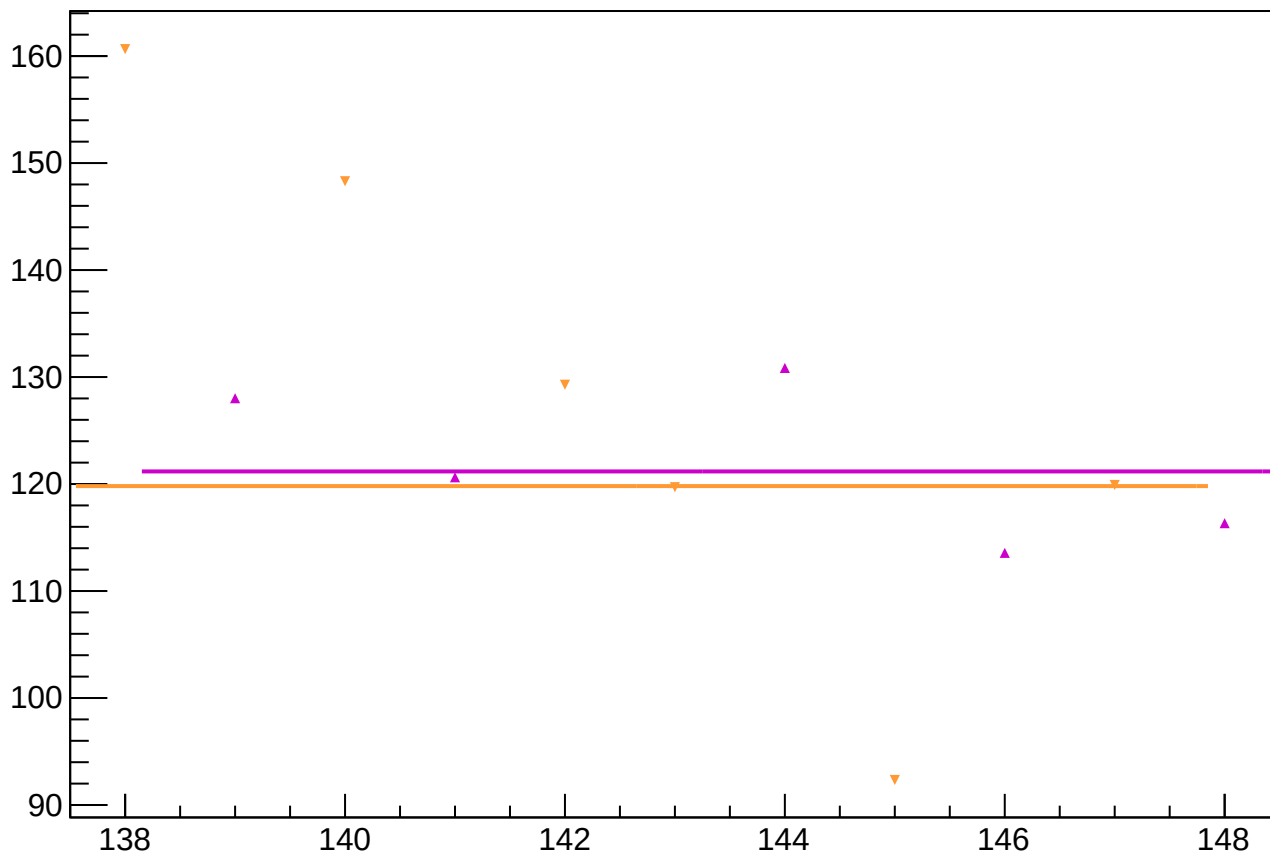
Left In: -87.244 $\pm$ 60.554 χ^2 /NDF:5.3/4

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

All: 6.587 $\pm$ 42.803 χ^2 /NDF: 15.9/10

- 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

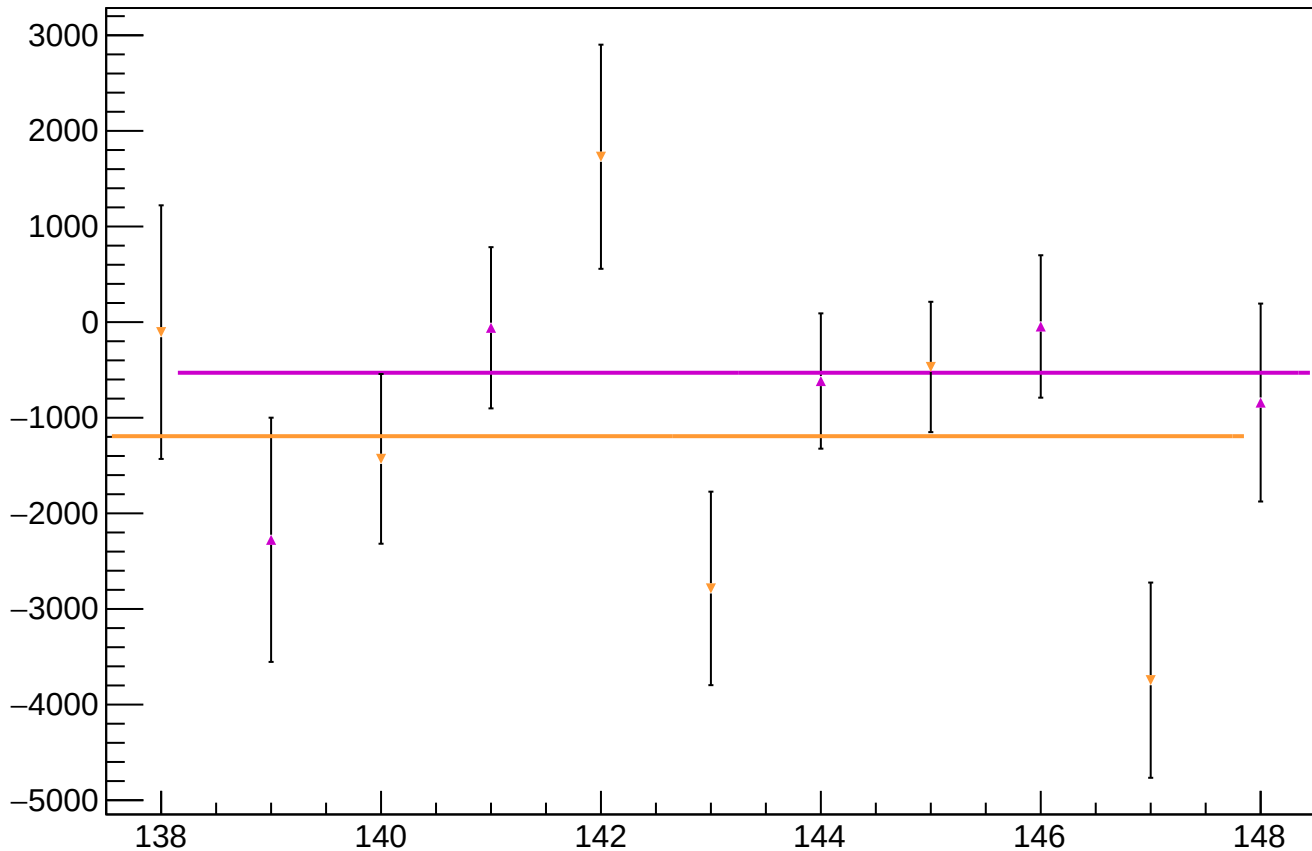
Left In: 121.177+/-0.043 χ^2/NDF : 23229.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.491+/-0.030 χ^2/NDF : 304485.3/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1192.929 $\pm$ 387.655 χ^2 /NDF:16.8/5

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

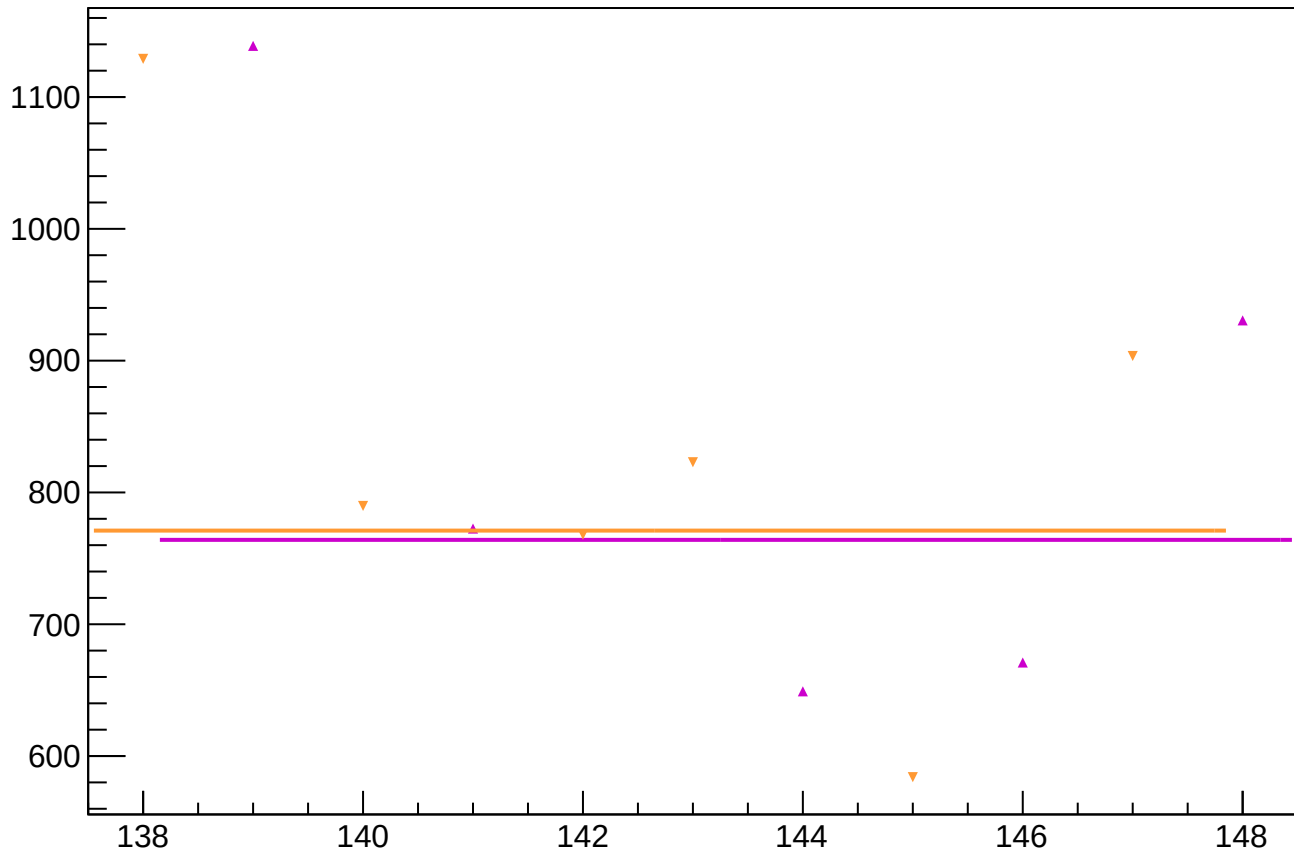
Left In: -529.517 $\pm$ 384.794 χ^2 /NDF:2.7/4

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

All: -858.766 $\pm$ 273.096 χ^2 /NDF: 21.0/10

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

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 771.060+/-0.274 χ^2/NDF : 336145.5/5

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

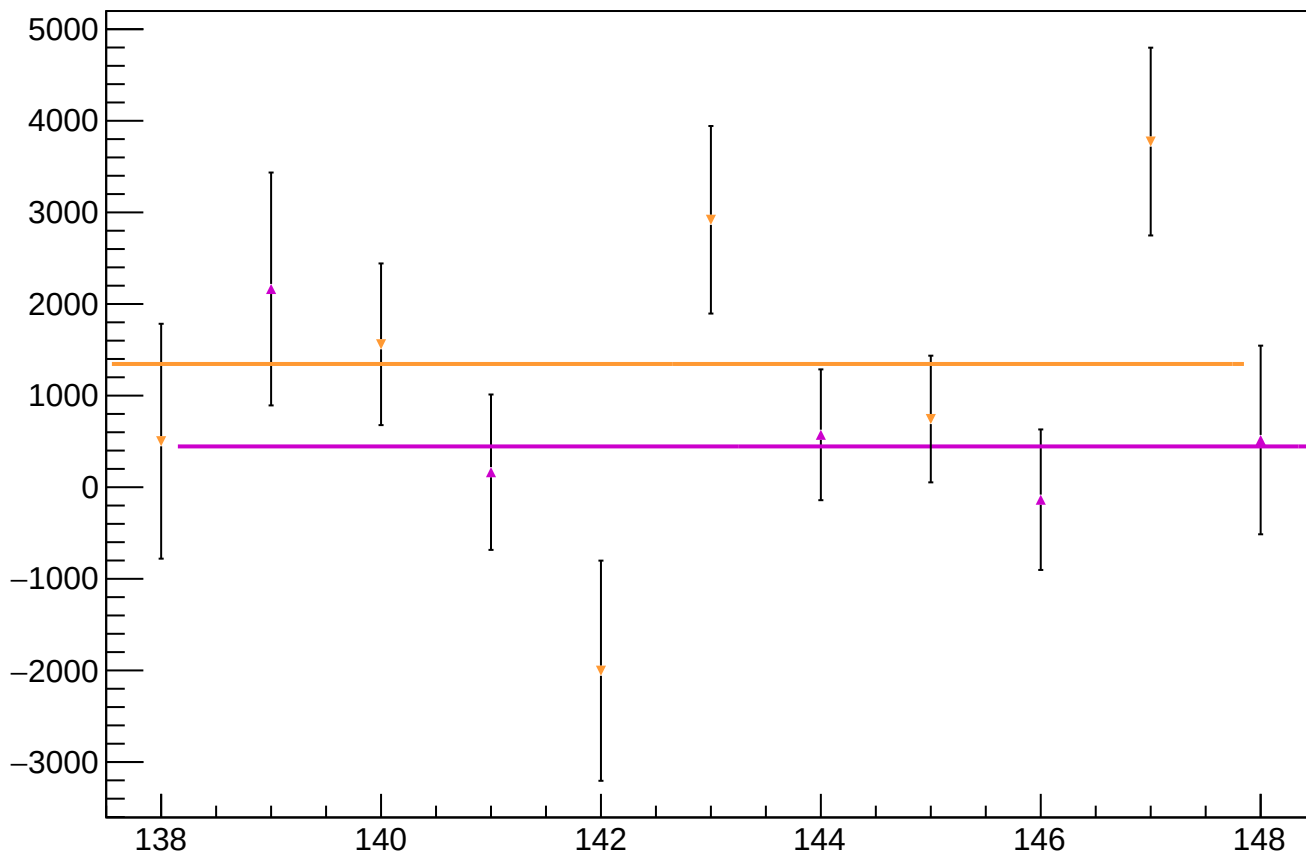
Left In: 764.027+/-0.272 χ^2/NDF : 308218.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.517+/-0.193 χ^2/NDF : 644695.9/10

- 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

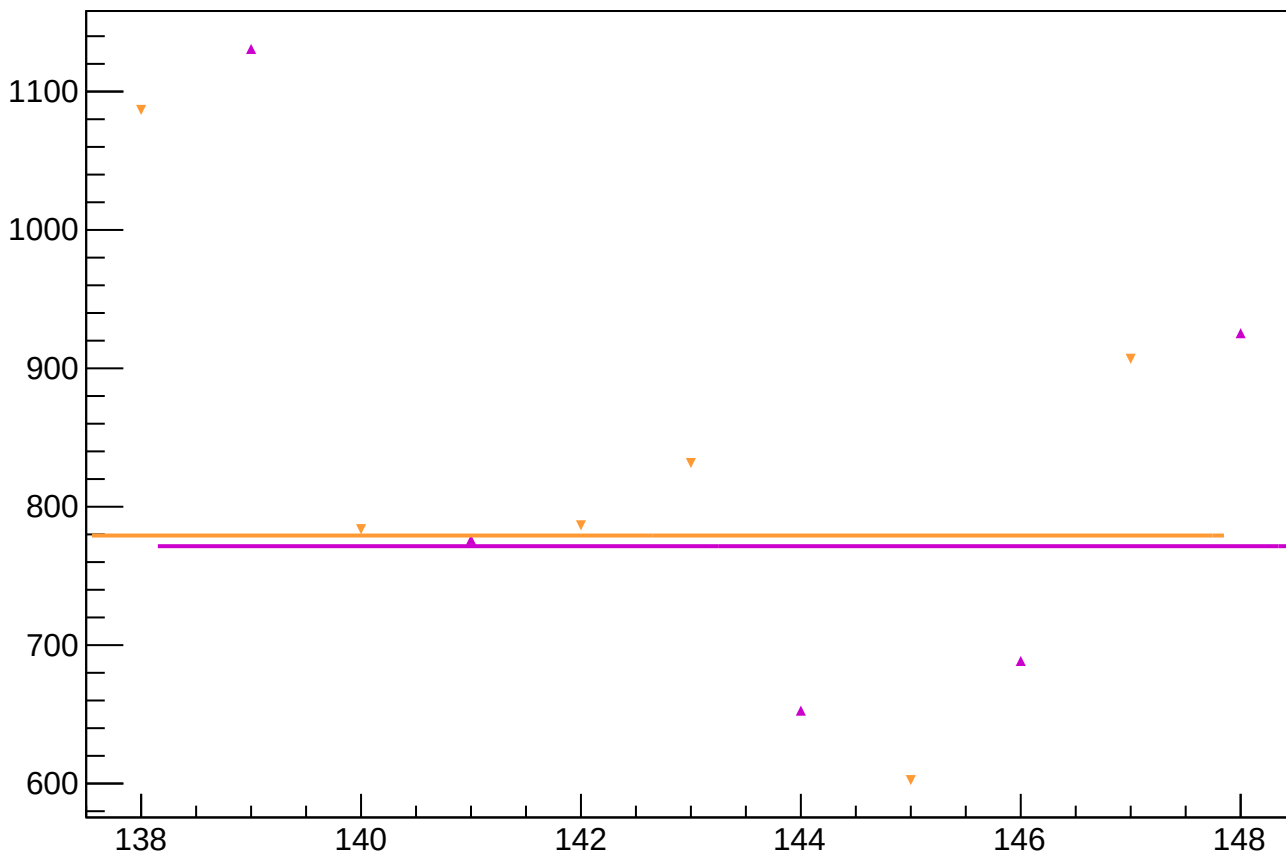
Left In: 445.333+/-388.846 χ^2/NDF : 2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 894.314+/-275.279 χ^2/NDF : 22.2/10

- 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

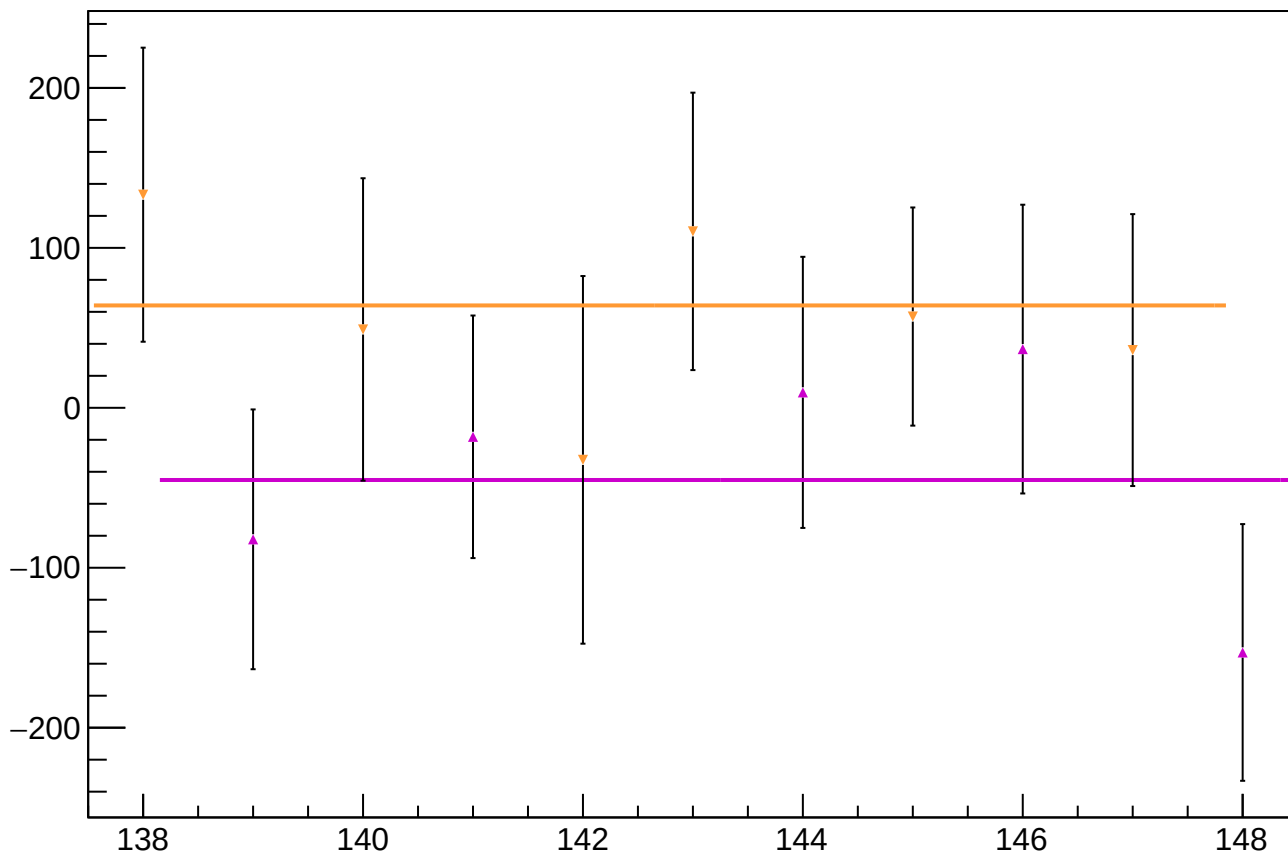
Left In: 771.493+/-0.275 χ^2/NDF : 283334.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.338+/-0.195 χ^2/NDF : 565869.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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

Left Out: 64.008+/-35.528 χ^2/NDF :1.7/5

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

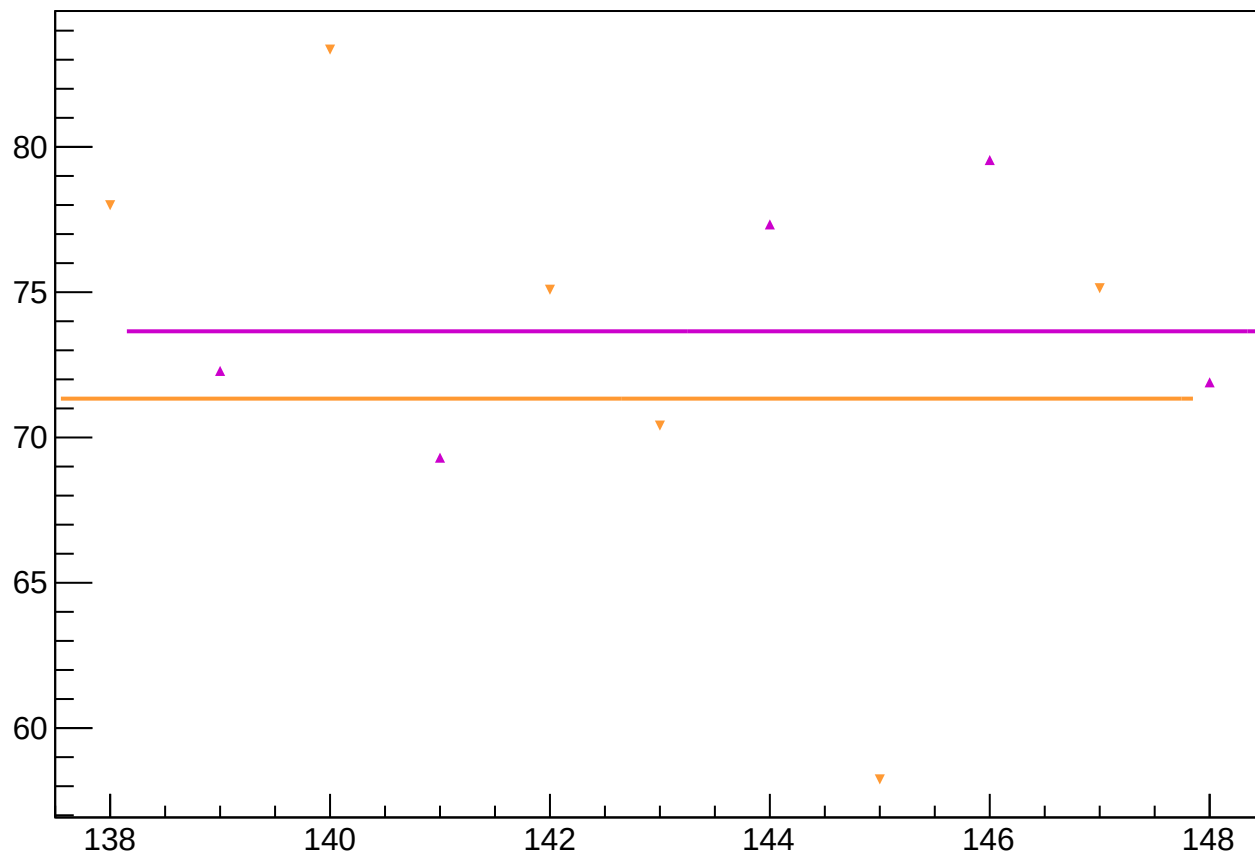
Left In: -45.134+/-36.693 χ^2/NDF :3.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.197+/-25.524 χ^2/NDF : 9.6/10

- sign 0.000+/-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

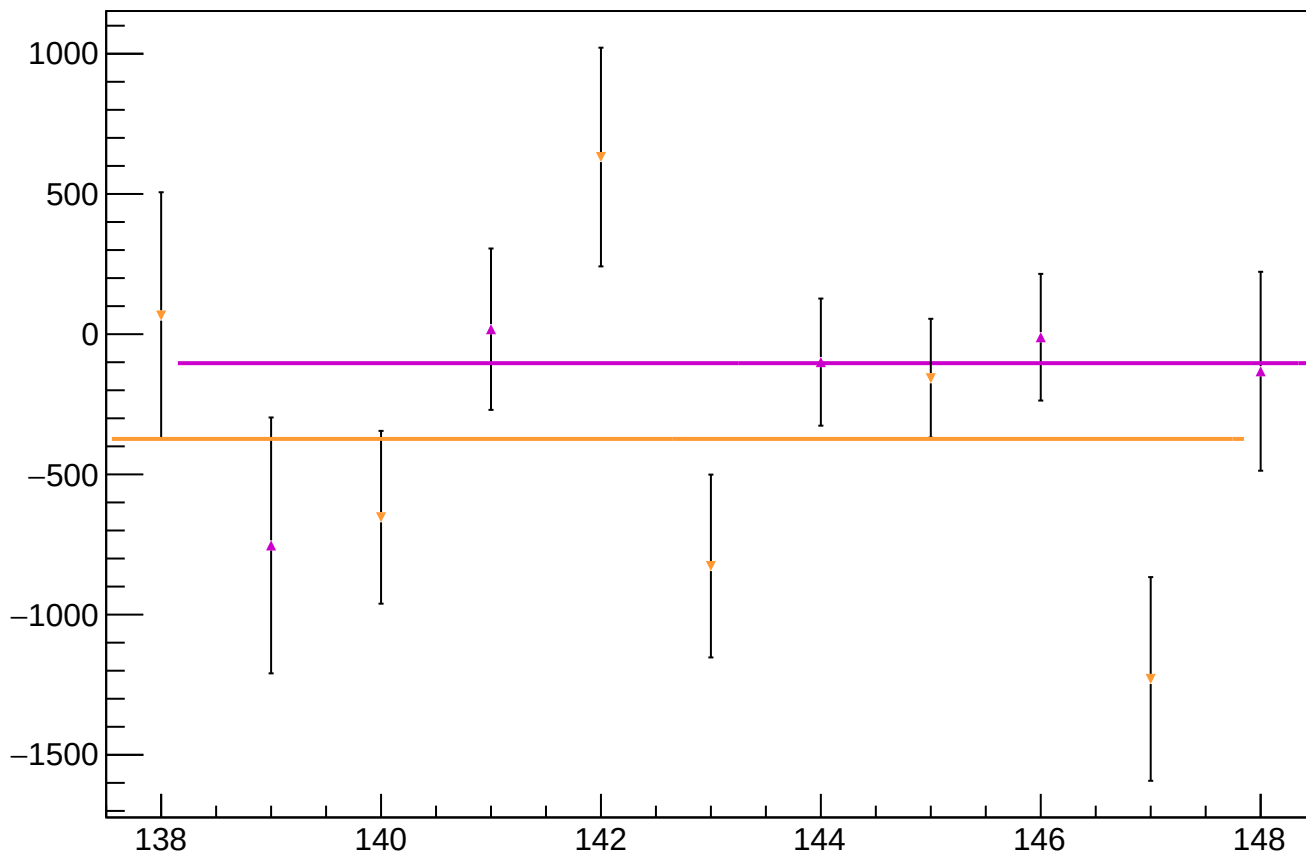
Left In: 73.654+/-0.026 χ^2/NDF :20391.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.458+/-0.018 χ^2/NDF : 147444.4/10

- 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

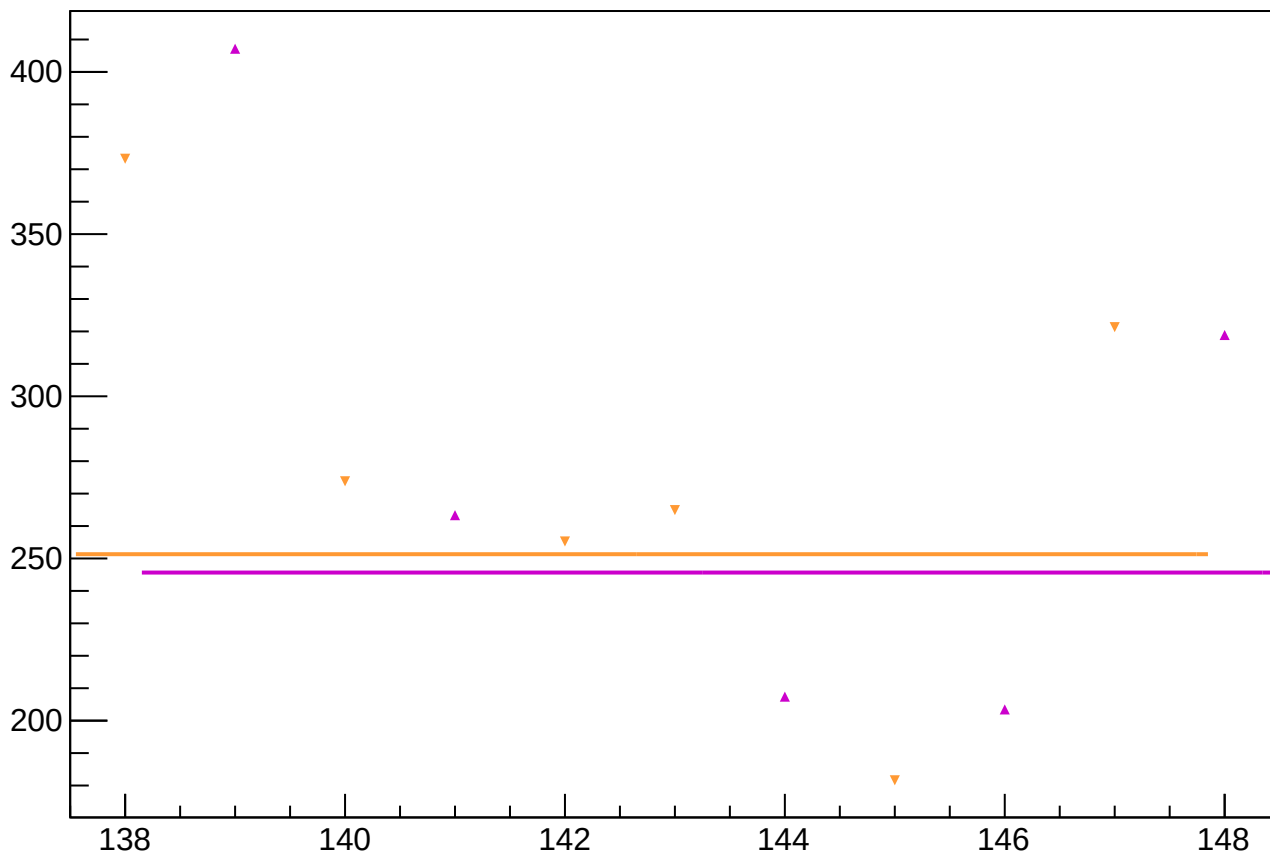
Left In: -103.353+/-125.098 χ^2/NDF :2.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.841+/-89.289 χ^2/NDF : 21.7/10

- 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

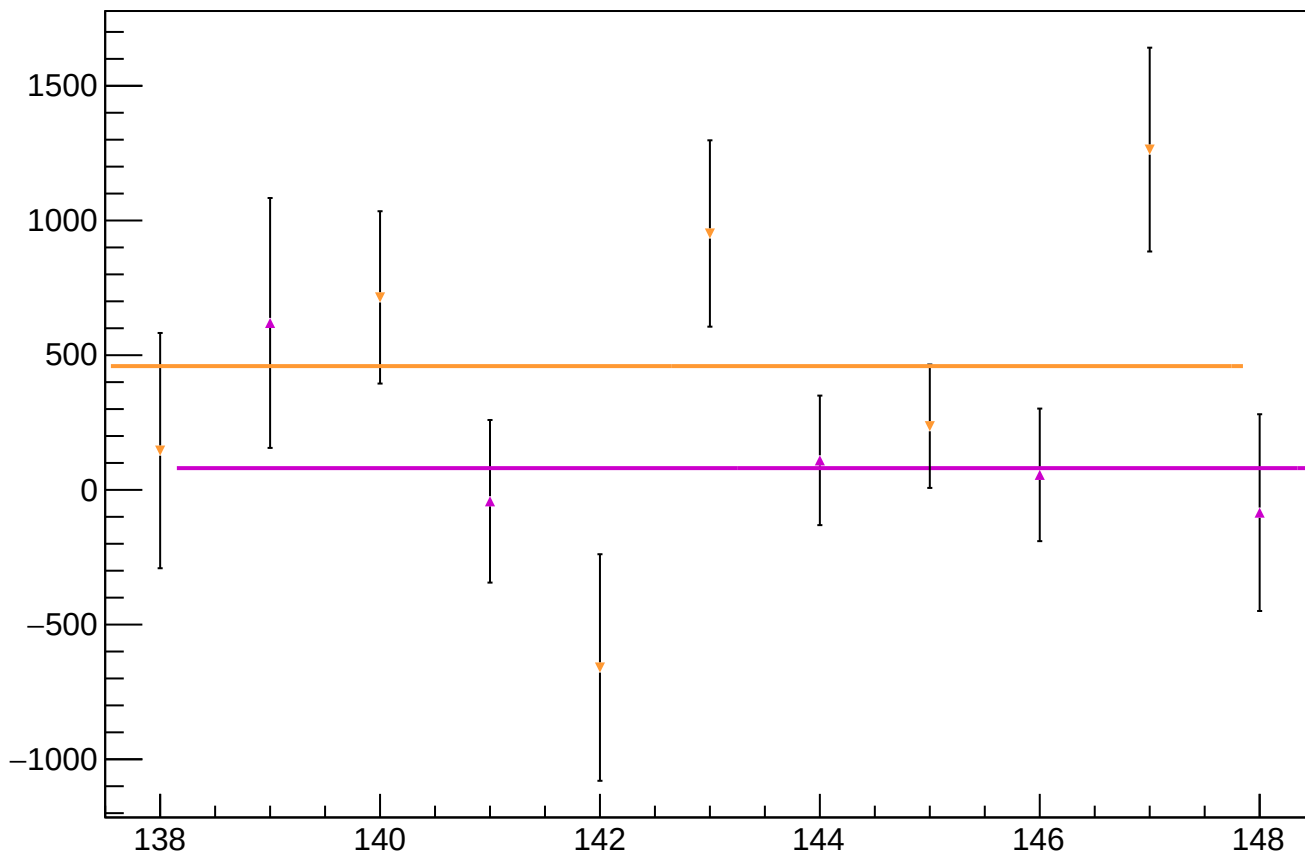
Left In: 245.659+/-0.088 χ^2/NDF : 470217.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.435+/-0.063 χ^2/NDF : 930938.0/10

- 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

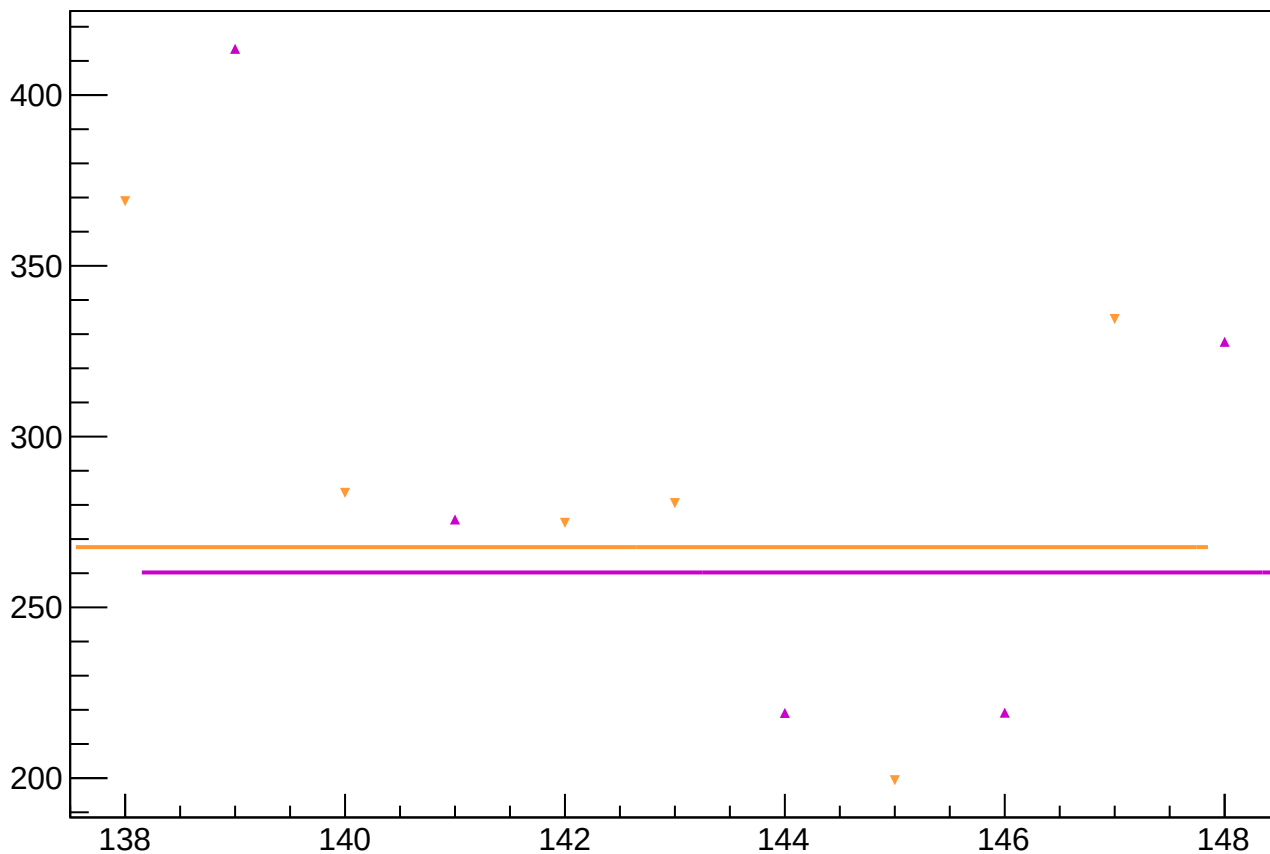
Left In: 80.785 $\pm$ 132.518 χ^2 /NDF:1.7/4

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

All: 266.969 $\pm$ 94.486 χ^2 /NDF: 21.5/10

- 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

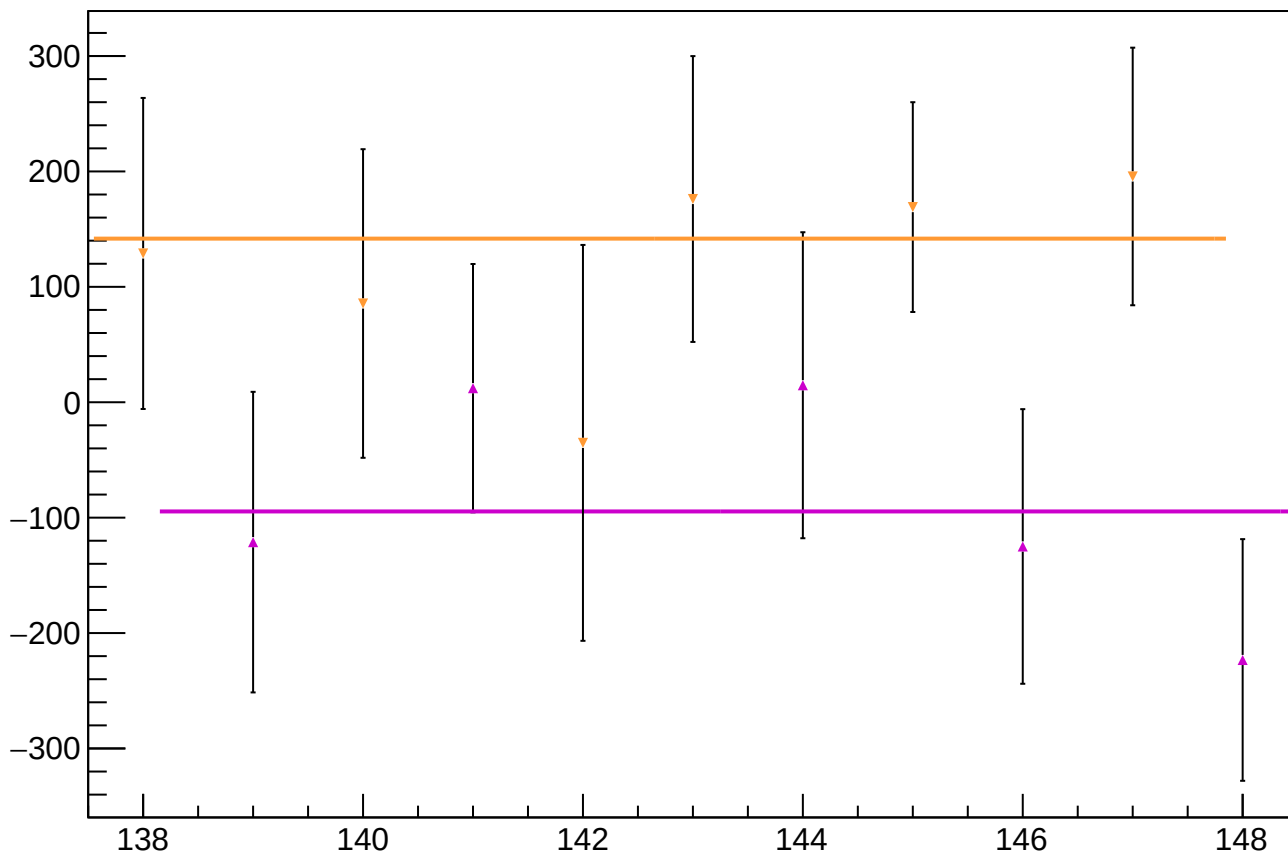
Left In: 260.221+/-0.094 χ^2/NDF : 406416.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.870+/-0.067 χ^2/NDF : 765228.5/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



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

Left Out: 141.779 $\pm$ 49.295 χ^2 /NDF: 1.7/5

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

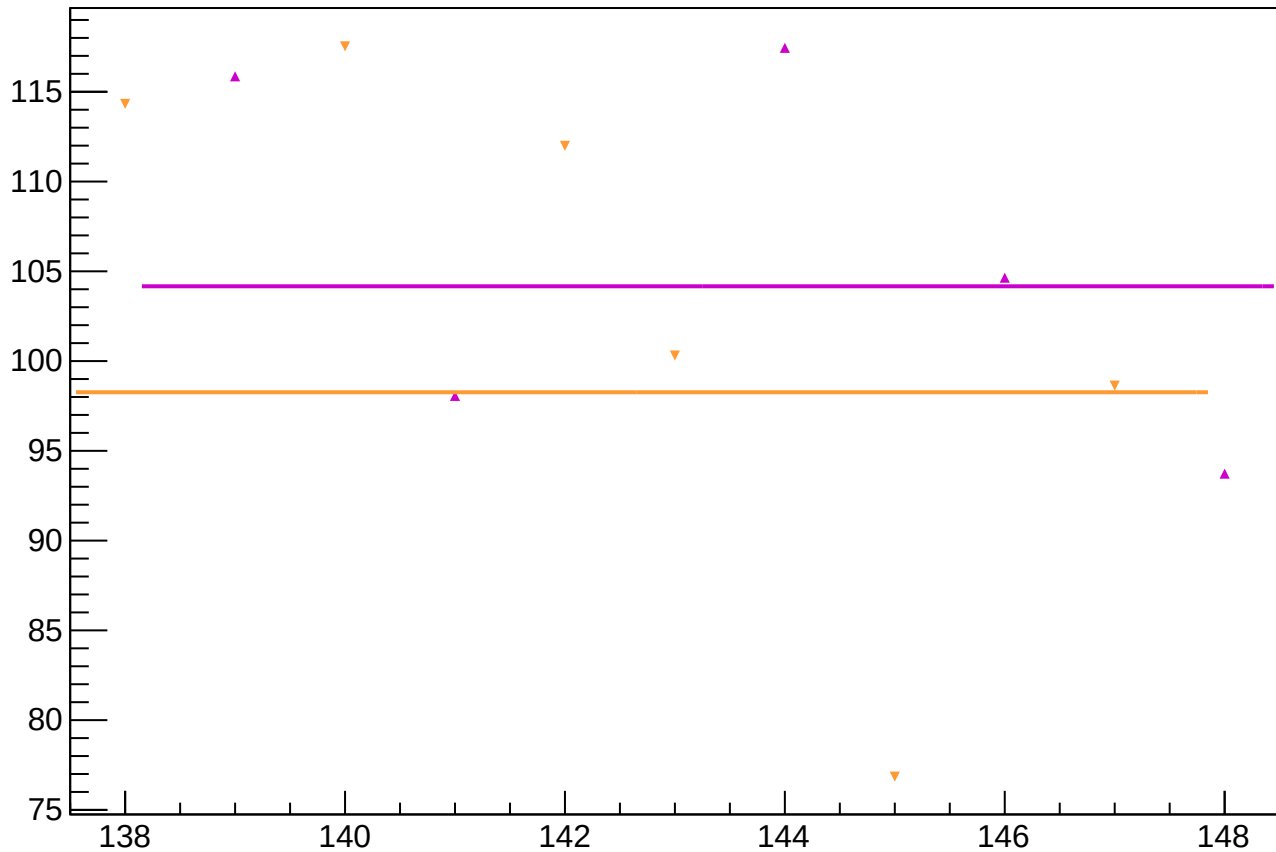
Left In: -94.624 $\pm$ 52.406 χ^2 /NDF: 3.3/4

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

All: 30.803 $\pm$ 35.906 χ^2 /NDF: 15.7/10

- sign 0.000 $\pm$ 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

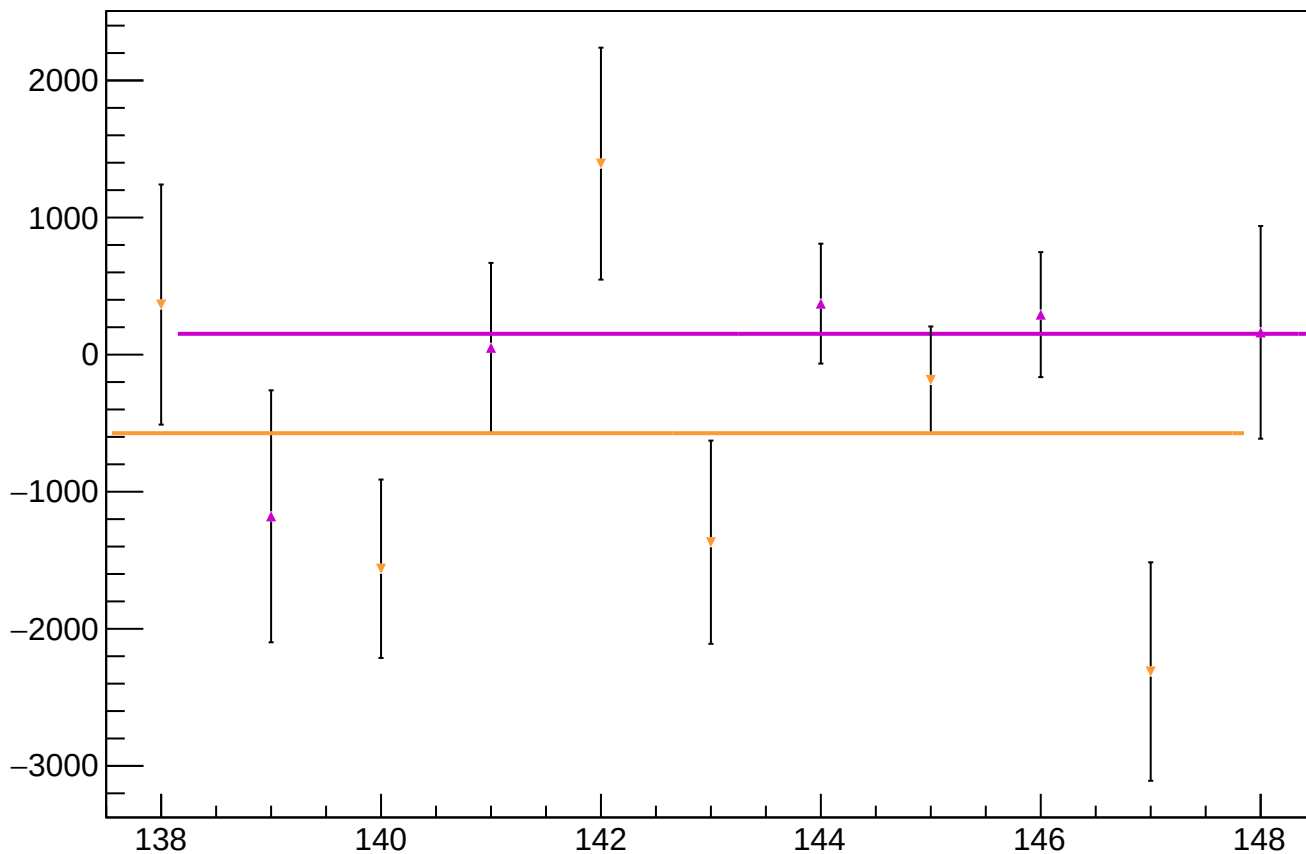
Left In: 104.165+/-0.037 χ^2/NDF : 62546.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.034+/-0.025 χ^2/NDF : 270291.2/10

- 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

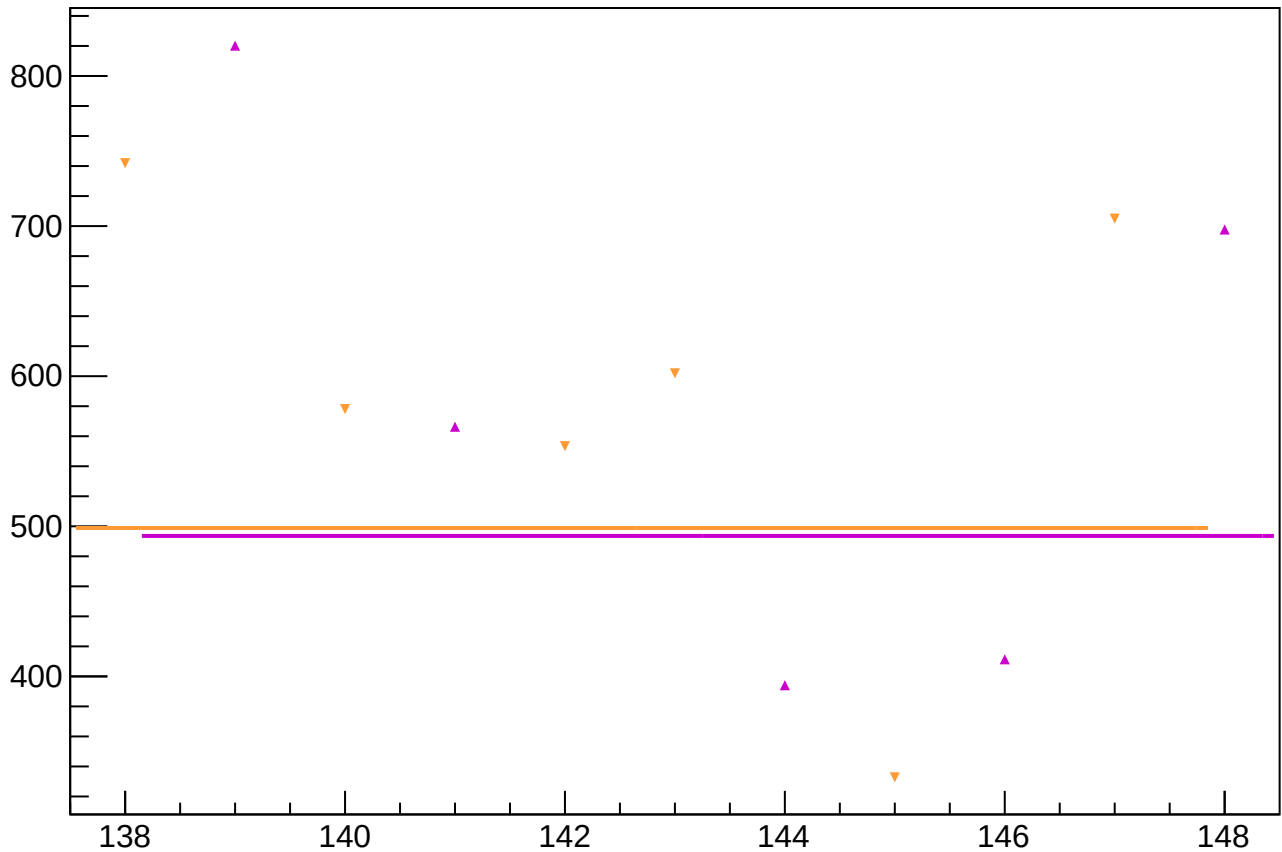
Left In: 151.981+/-254.022 χ^2/NDF : 2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -204.875+/-180.997 χ^2/NDF : 22.2/10

- 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

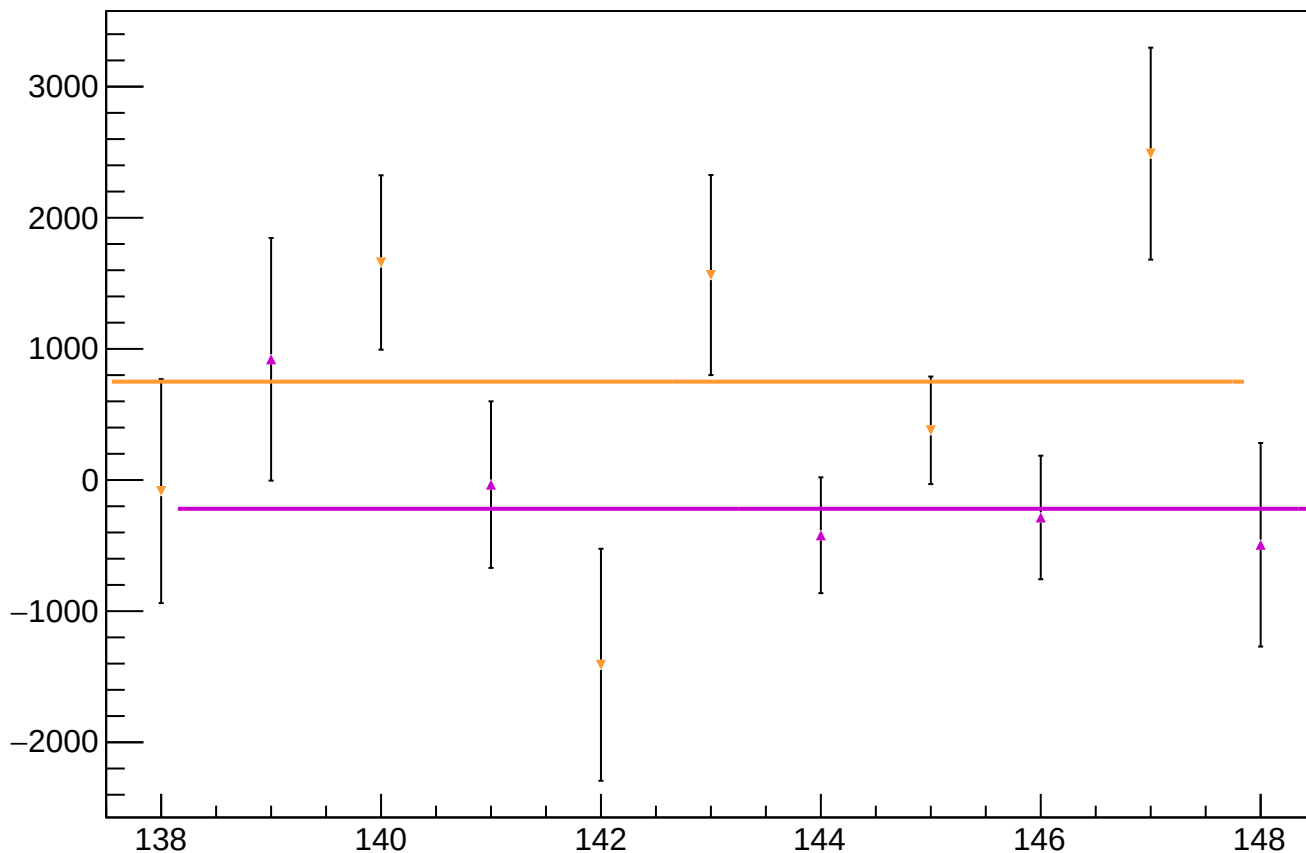
Left In: 493.586+/-0.180 χ^2/NDF : 587269.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.200+/-0.128 χ^2/NDF : 1314794.8/10

- 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

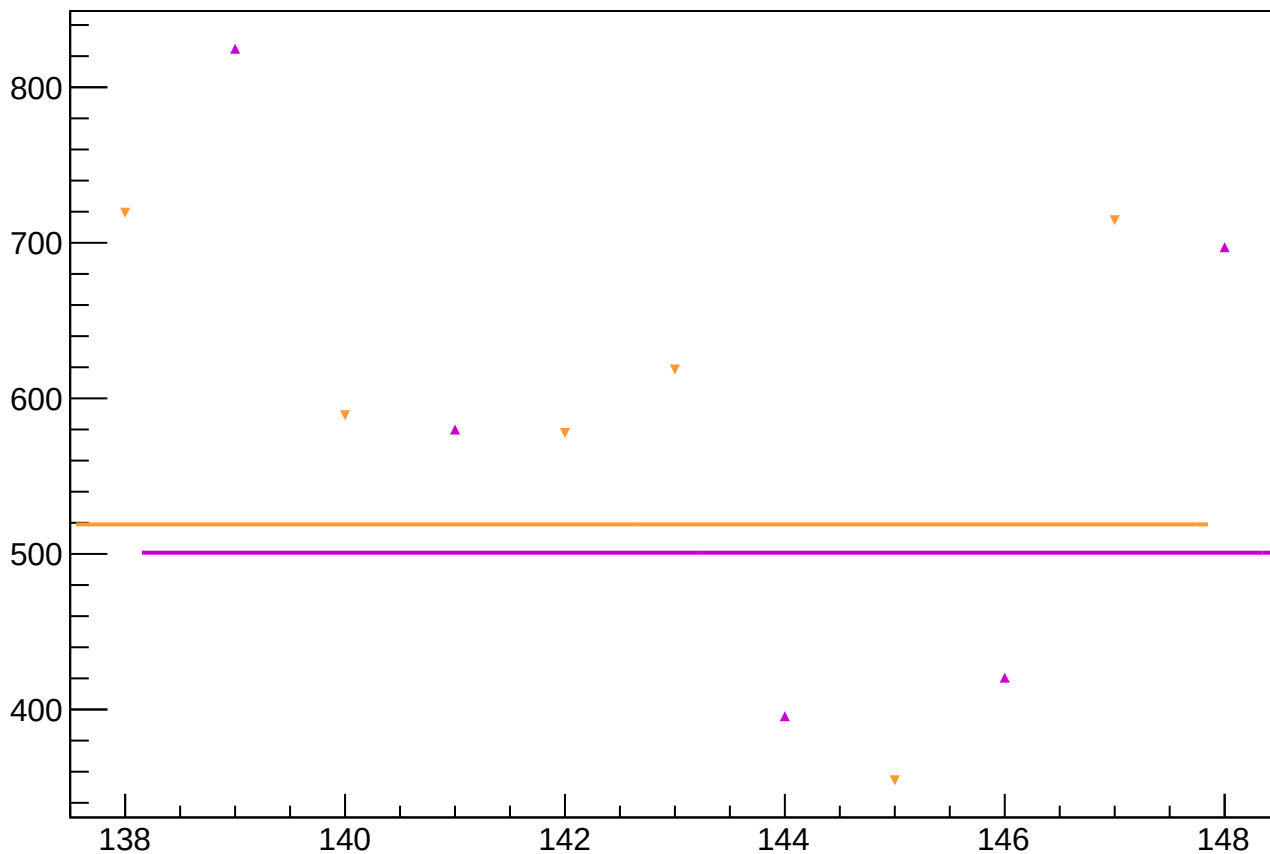
Left In: -219.387+/-258.743 χ^2/NDF :2.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.616+/-185.558 χ^2/NDF : 24.1/10

- 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

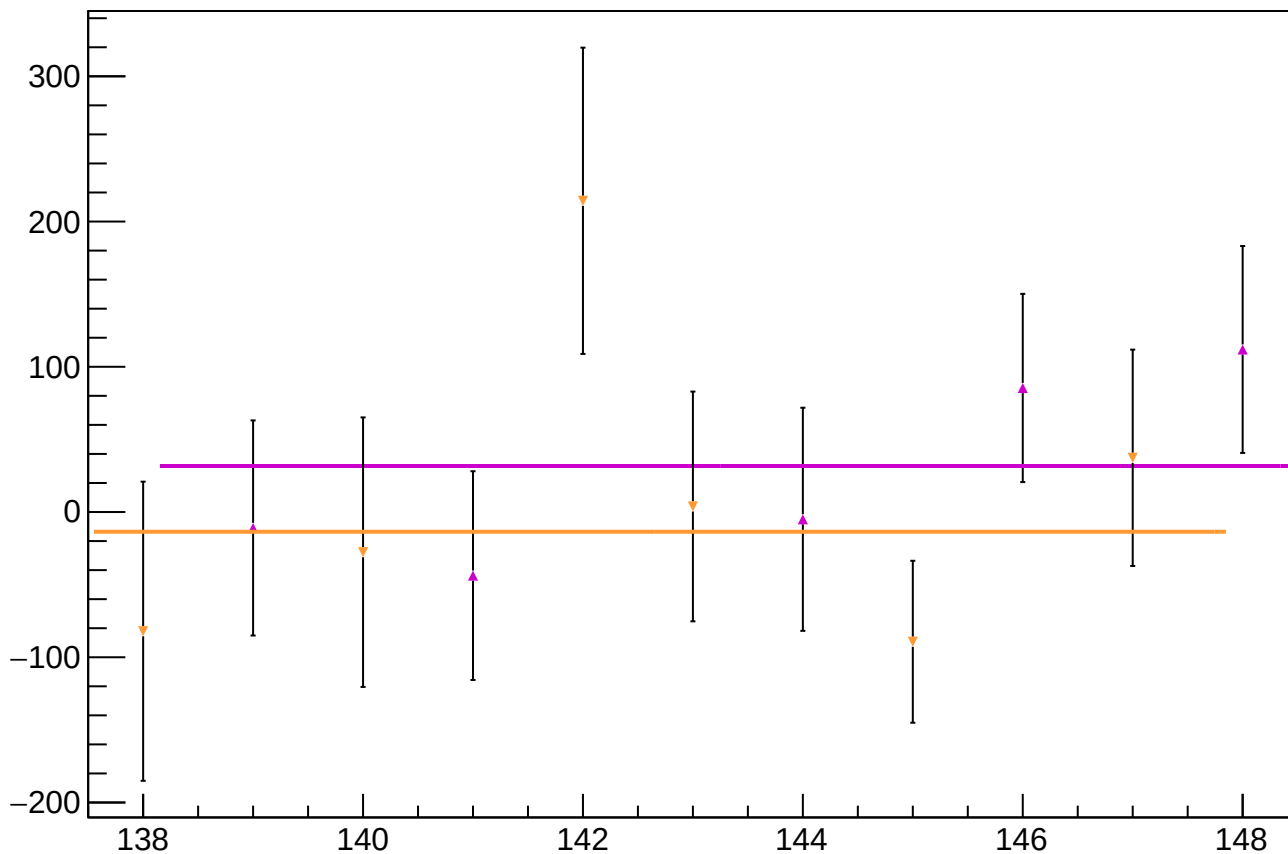
Left In: 500.790+/-0.183 χ^2/NDF : 575700.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.620+/-0.131 χ^2/NDF : 1194709.4/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -13.581+/-32.236 χ^2/NDF : 7.5/5

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

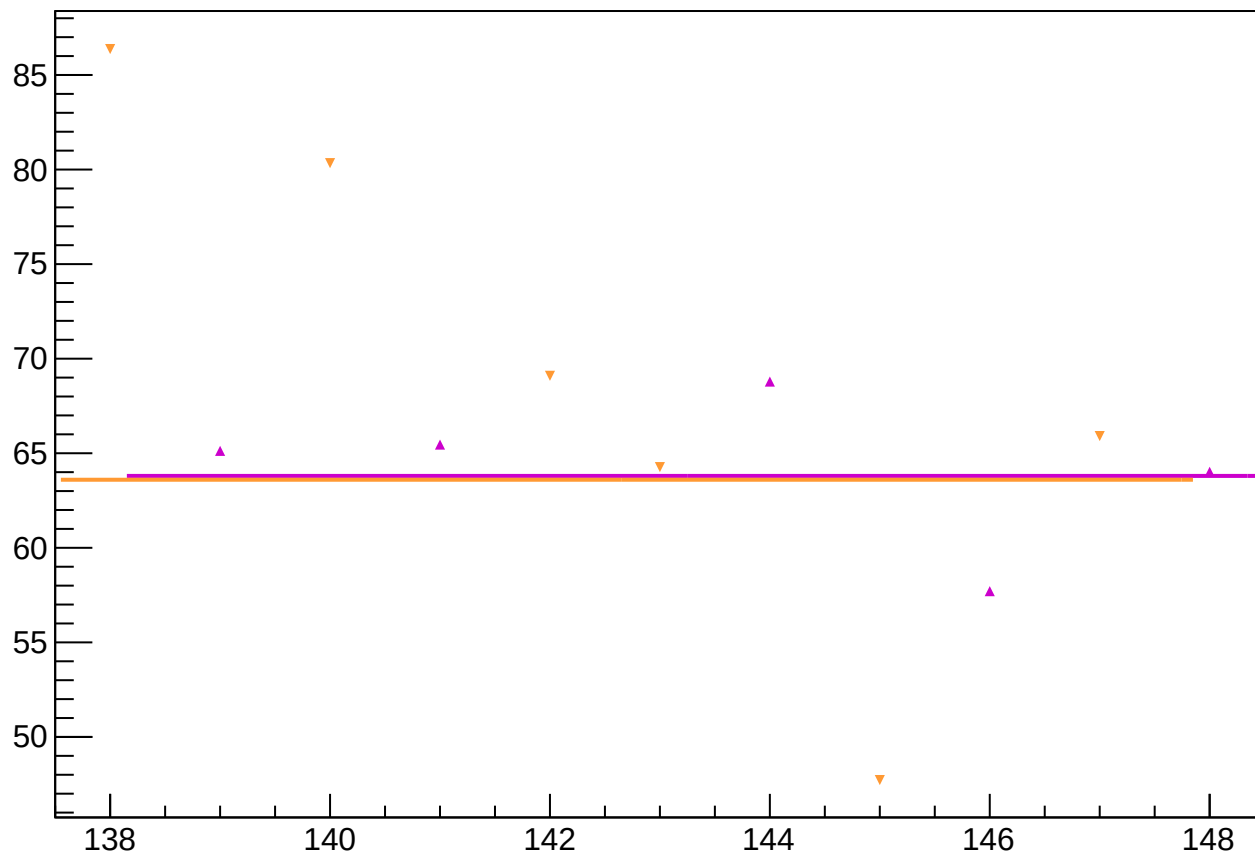
Left In: 31.685+/-31.932 χ^2/NDF : 3.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.267+/-22.686 χ^2/NDF : 12.1/10

- sign 0.000+/-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

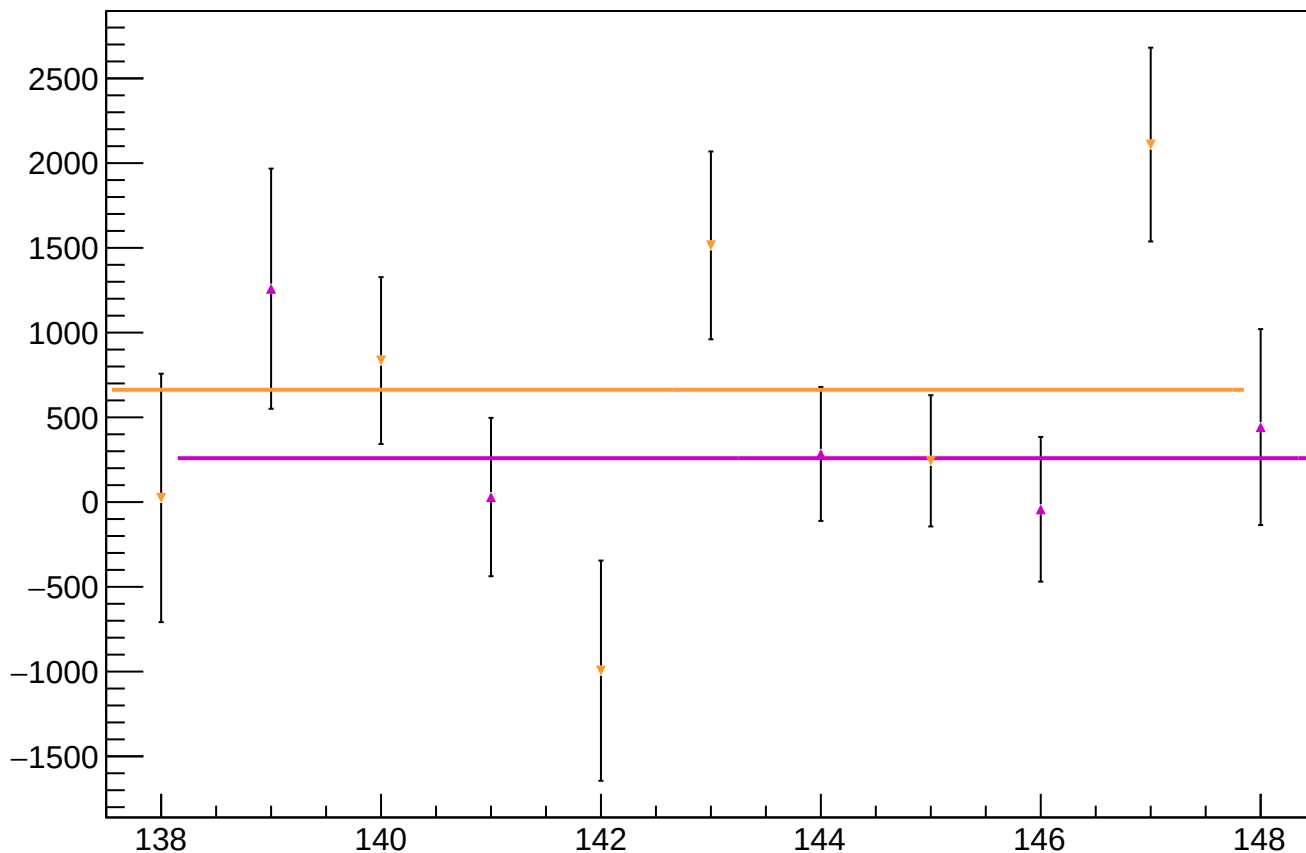
Left In: 63.801+/-0.023 χ^2/NDF : 27843.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.701+/-0.016 χ^2/NDF : 360522.3/10

- 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

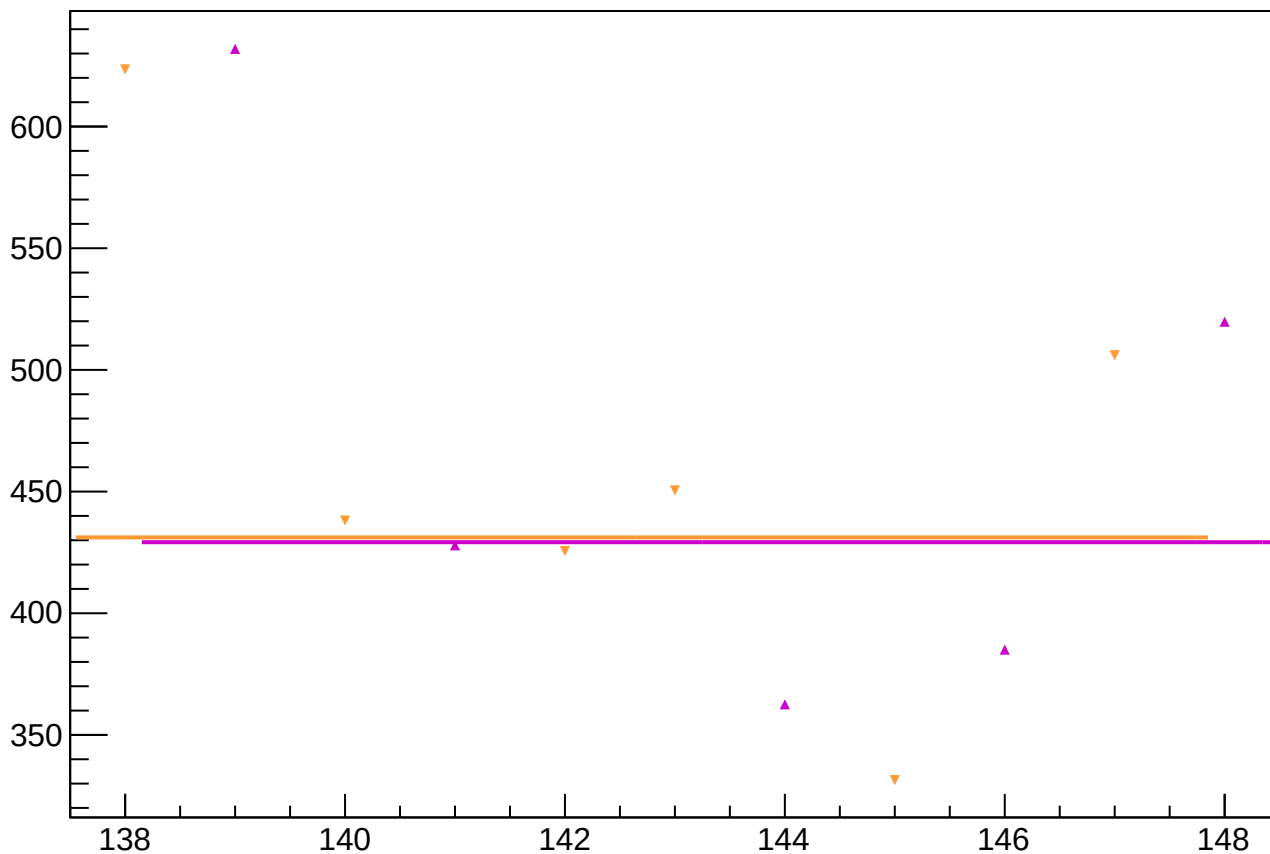
Left In: 258.902+/-215.856 χ^2/NDF : 2.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.236+/-152.848 χ^2/NDF : 21.9/10

- 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

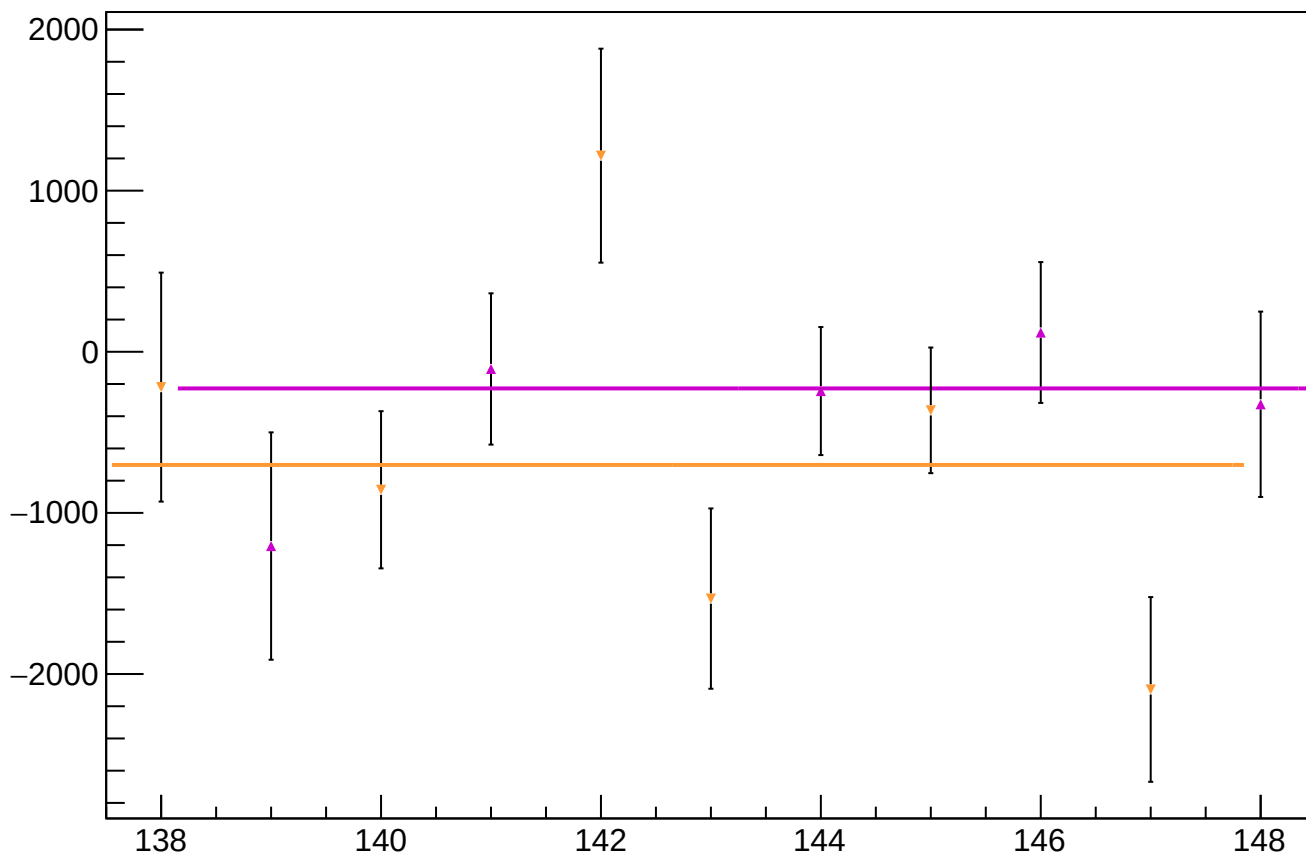
Left In: 429.194+/-0.153 χ^2/NDF : 291070.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.178+/-0.108 χ^2/NDF : 598878.8/10

- 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

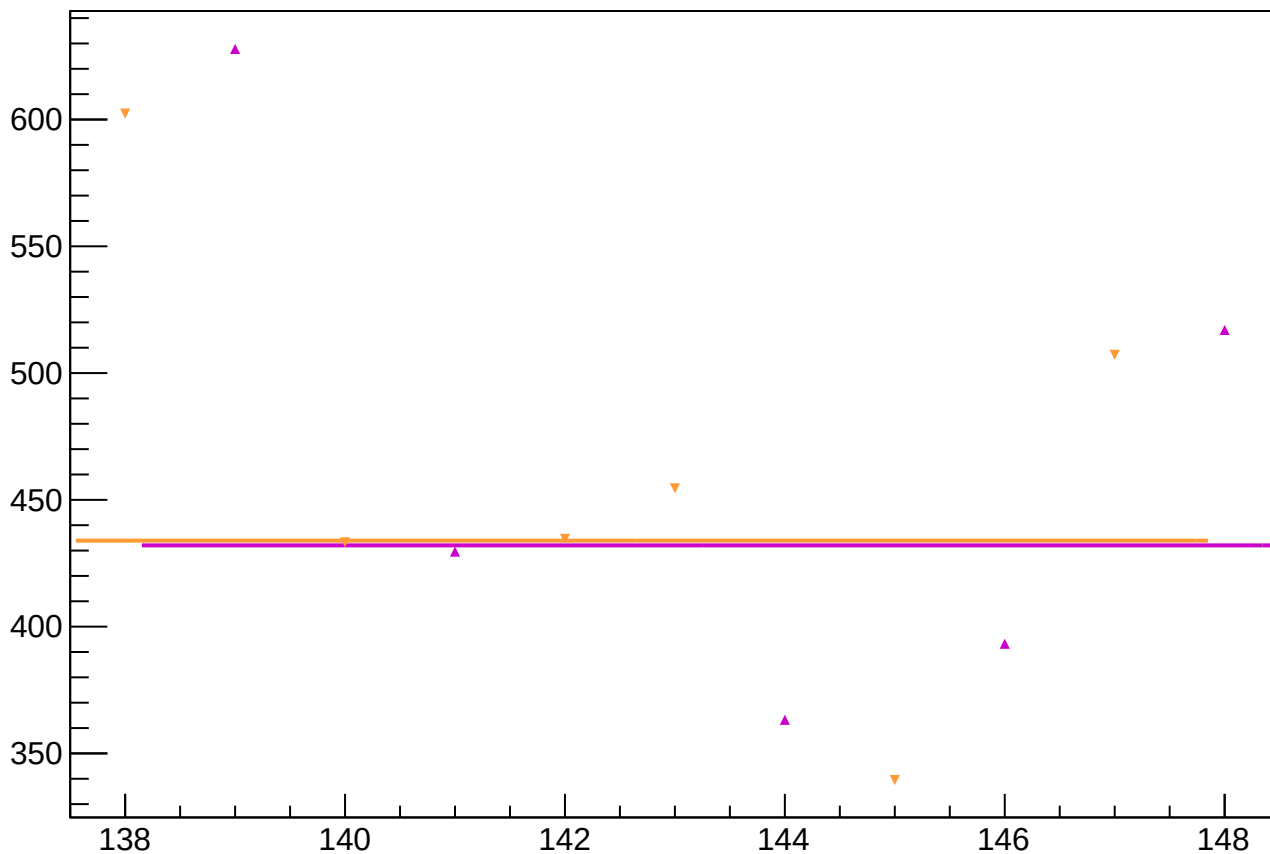
Left In: -227.504+/-217.514 χ^2/NDF :2.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.636+/-153.570 χ^2/NDF : 22.8/10

- 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

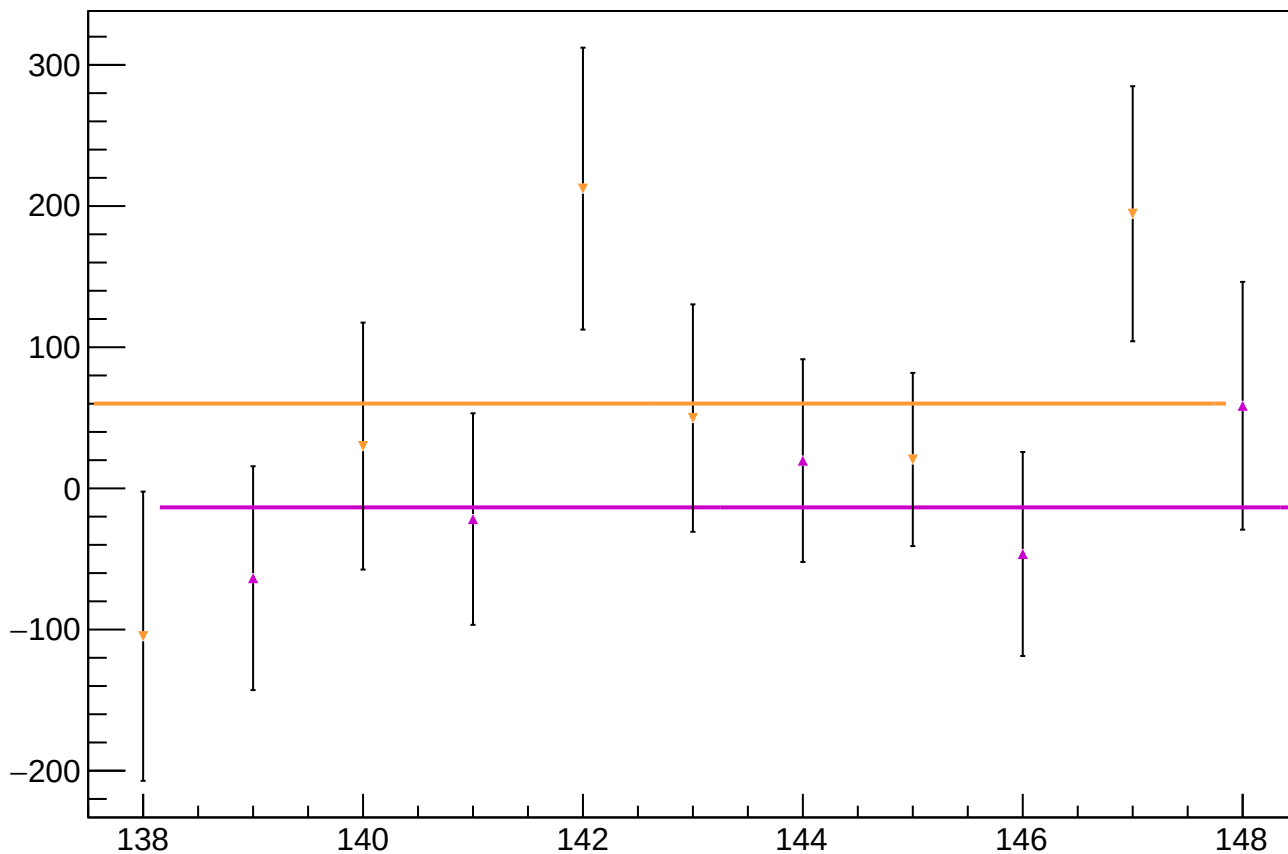
Left In: 432.052+/-0.154 χ^2/NDF : 273376.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.986+/-0.109 χ^2/NDF : 538559.4/10

- 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

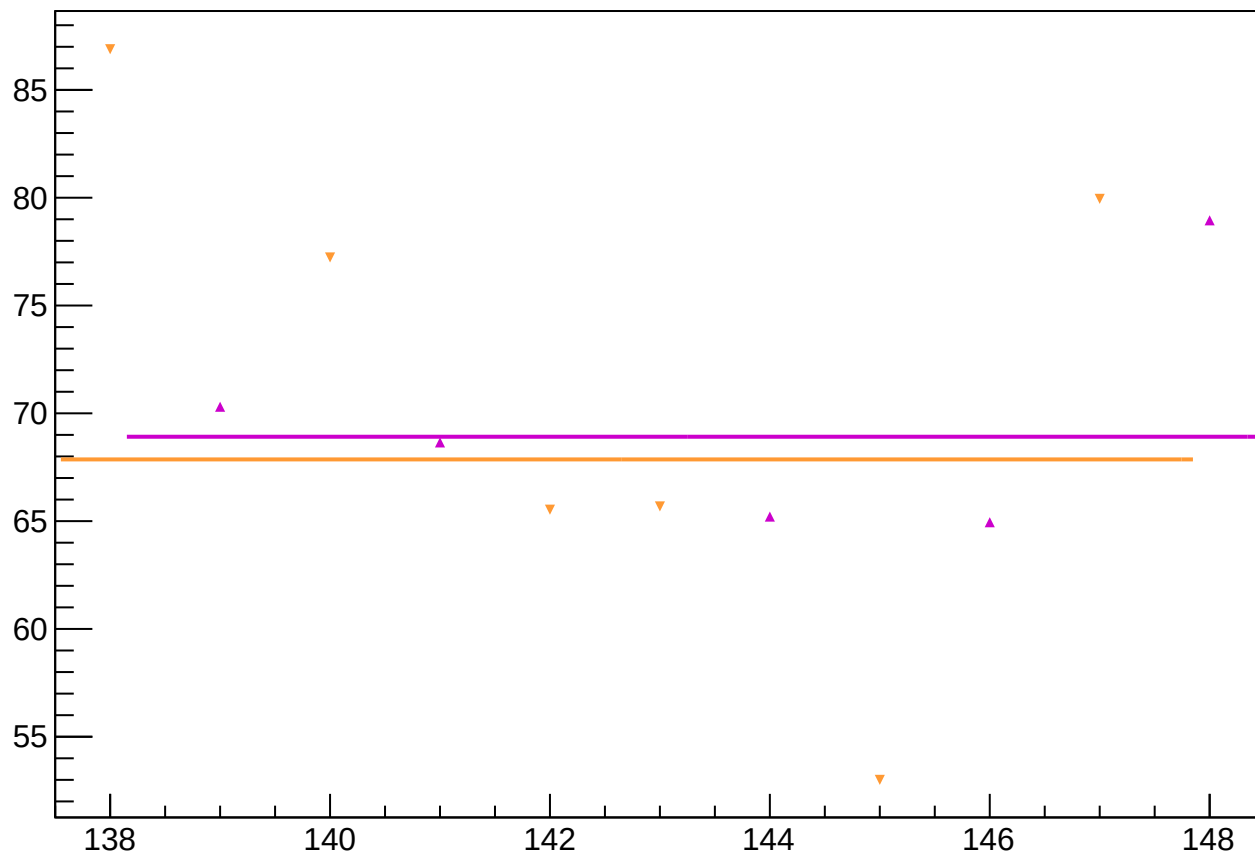
Left In: -13.452+/-34.252 χ^2/NDF : 1.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.666+/-24.106 χ^2/NDF : 11.5/10

- 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

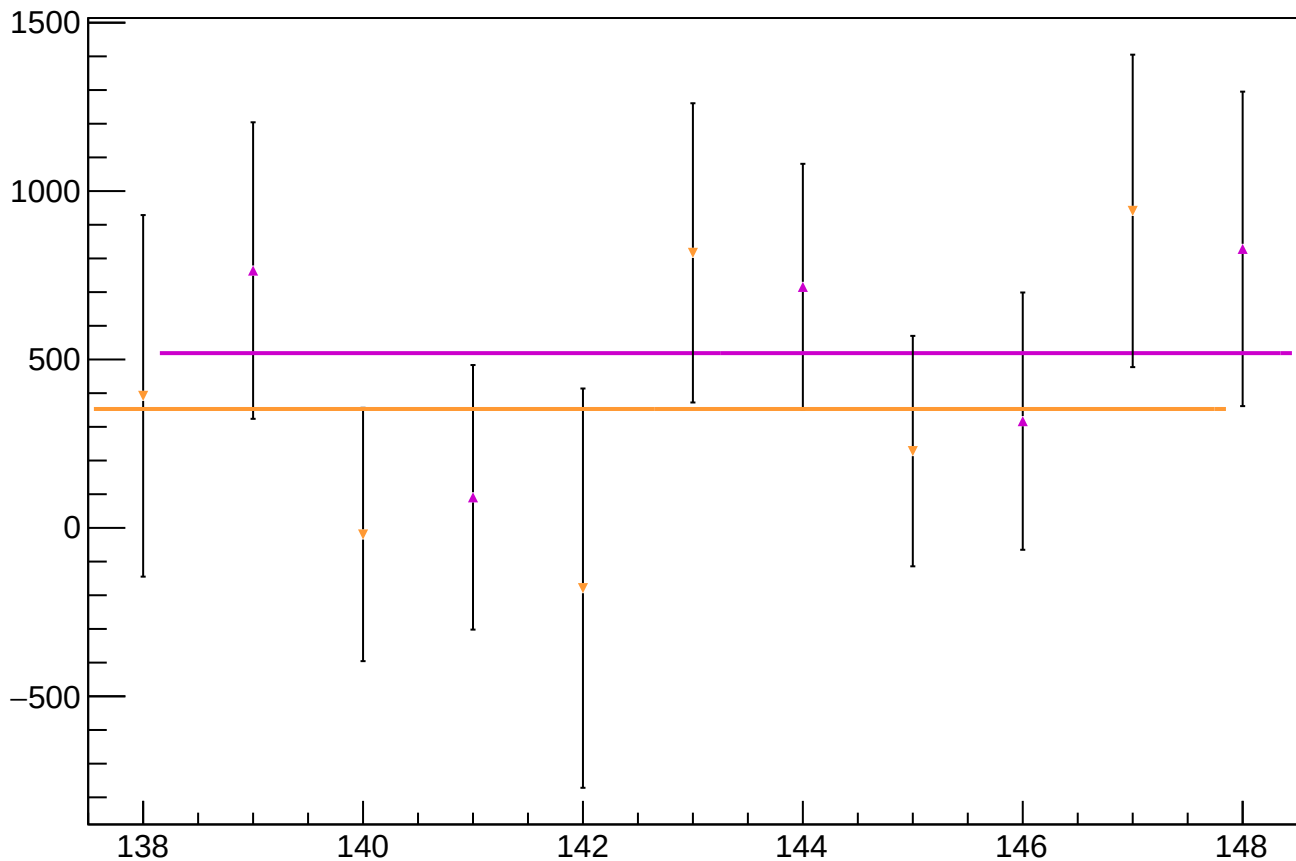
Left In: 68.914+/-0.024 χ^2/NDF : 38133.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.383+/-0.017 χ^2/NDF : 286721.7/10

- 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

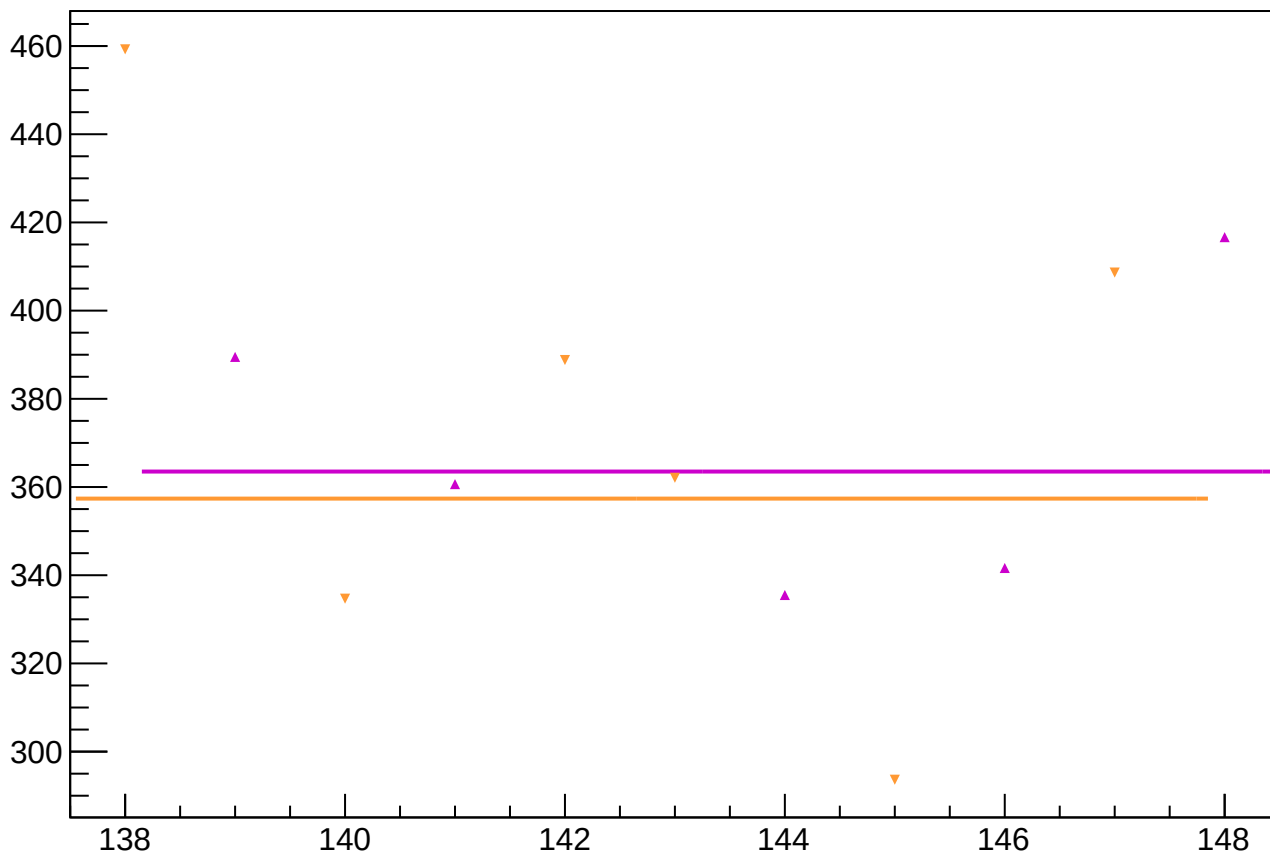
Left In: 518.873+/-180.842 χ^2/NDF : 2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.541+/-126.770 χ^2/NDF : 7.6/10

- 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

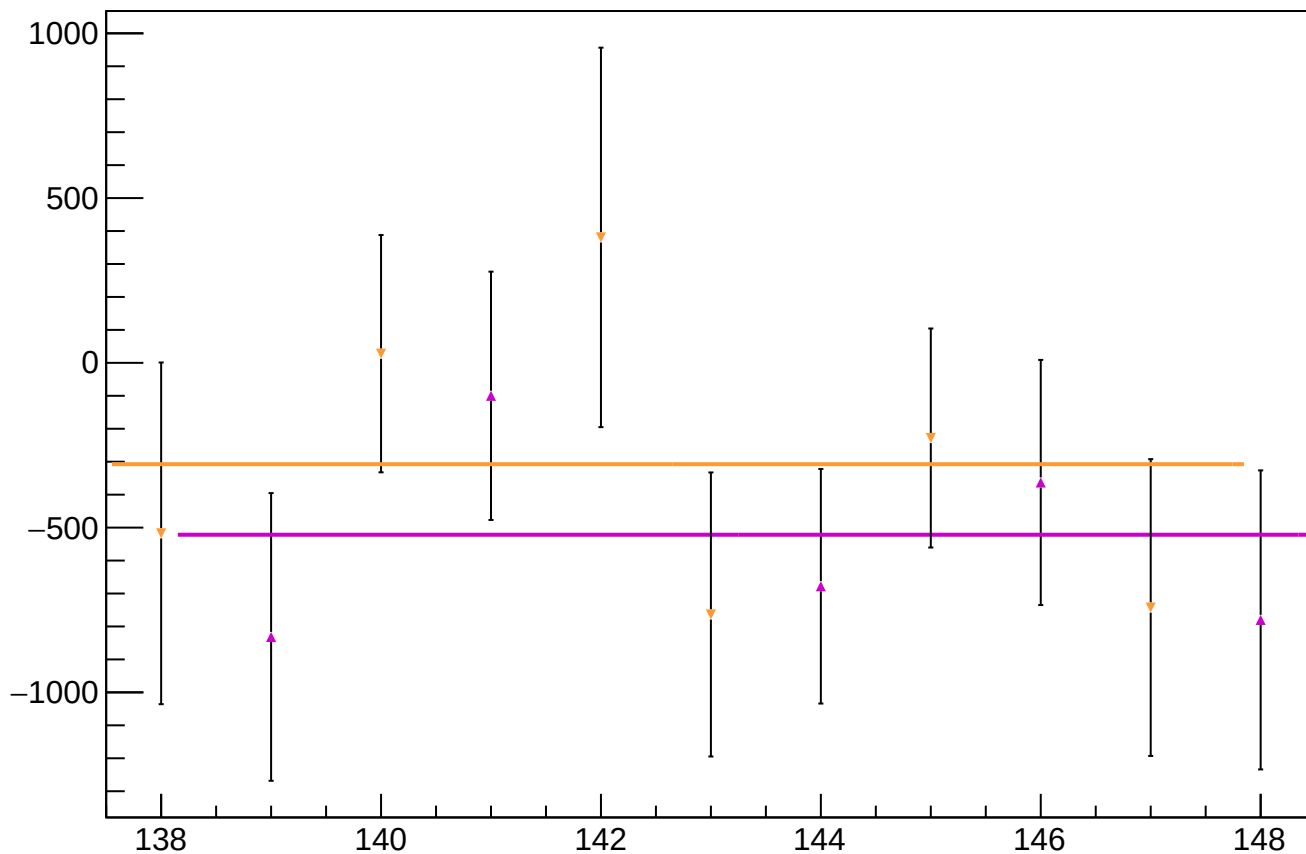
Left In: 363.509+/-0.128 χ^2/NDF :51303.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.389+/-0.090 χ^2/NDF : 231514.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -307.505 $\pm$ 171.952 χ^2 /NDF:4.6/5

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

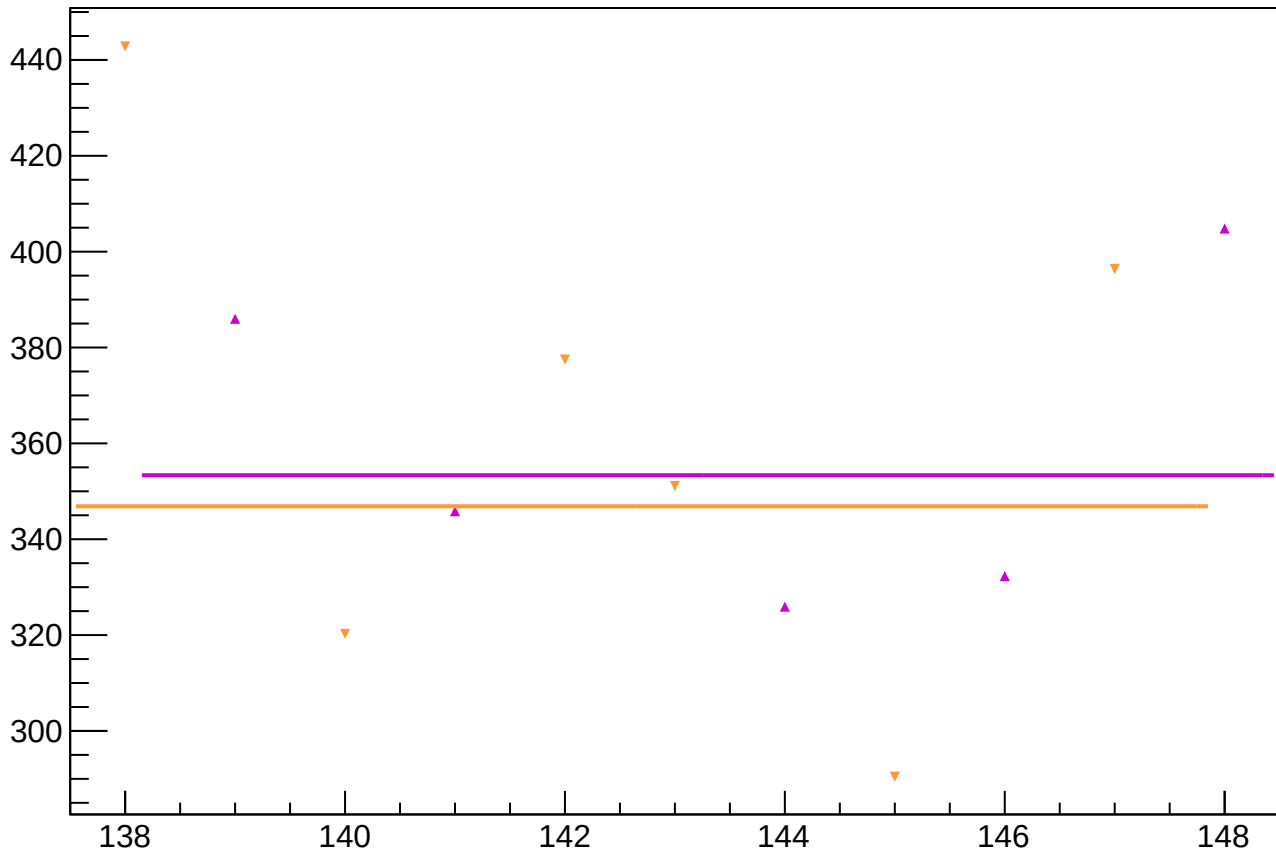
Left In: -521.649 $\pm$ 176.033 χ^2 /NDF:2.5/4

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

All: -412.066 $\pm$ 123.006 χ^2 /NDF: 7.8/10

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

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 346.877+/-0.122 χ^2/NDF : 167110.8/5

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

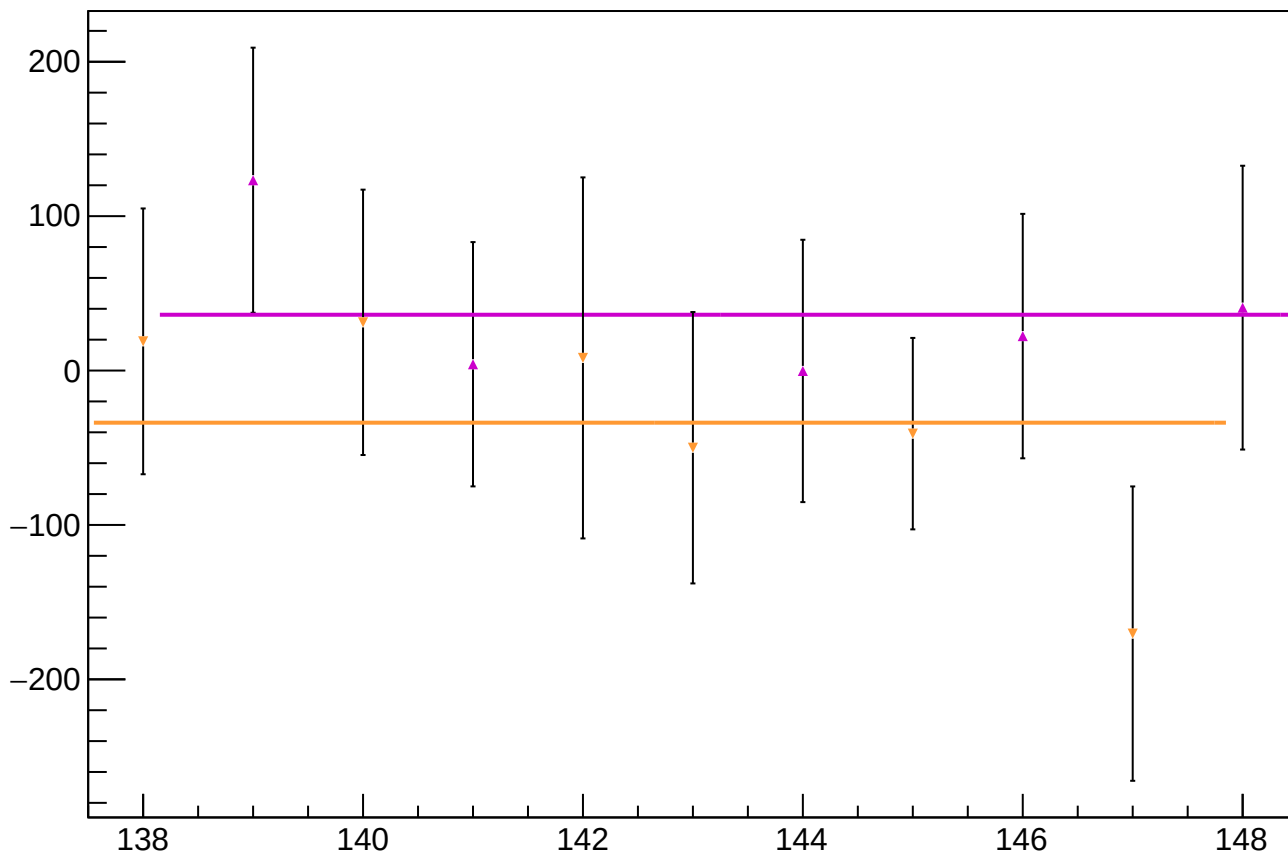
Left In: 353.356+/-0.124 χ^2/NDF : 55980.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.041+/-0.087 χ^2/NDF : 224477.5/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -33.766+/-34.439 χ^2/NDF : 3.2/5

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

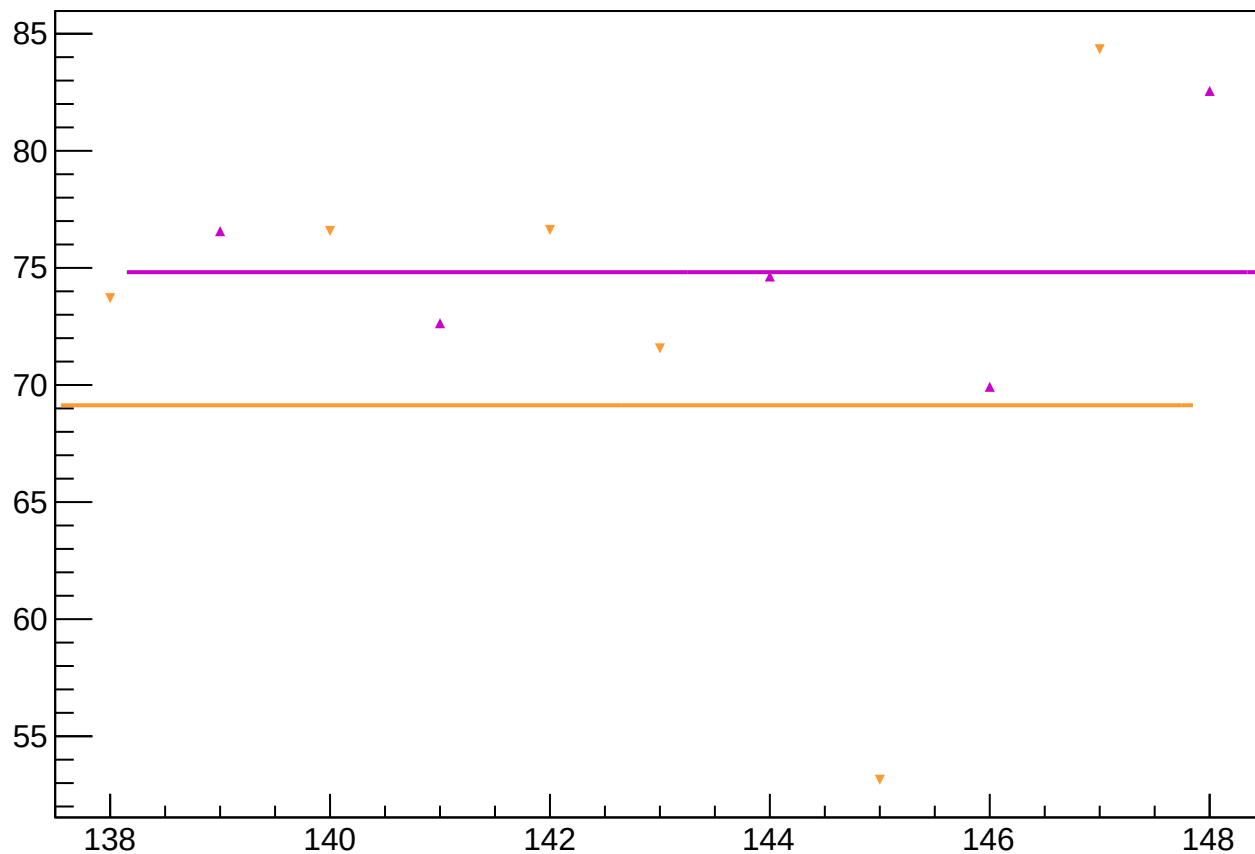
Left In: 36.143+/-37.478 χ^2/NDF : 1.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.760+/-25.358 χ^2/NDF : 6.5/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 69.134+/-0.024 χ^2/NDF : 214313.5/5

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

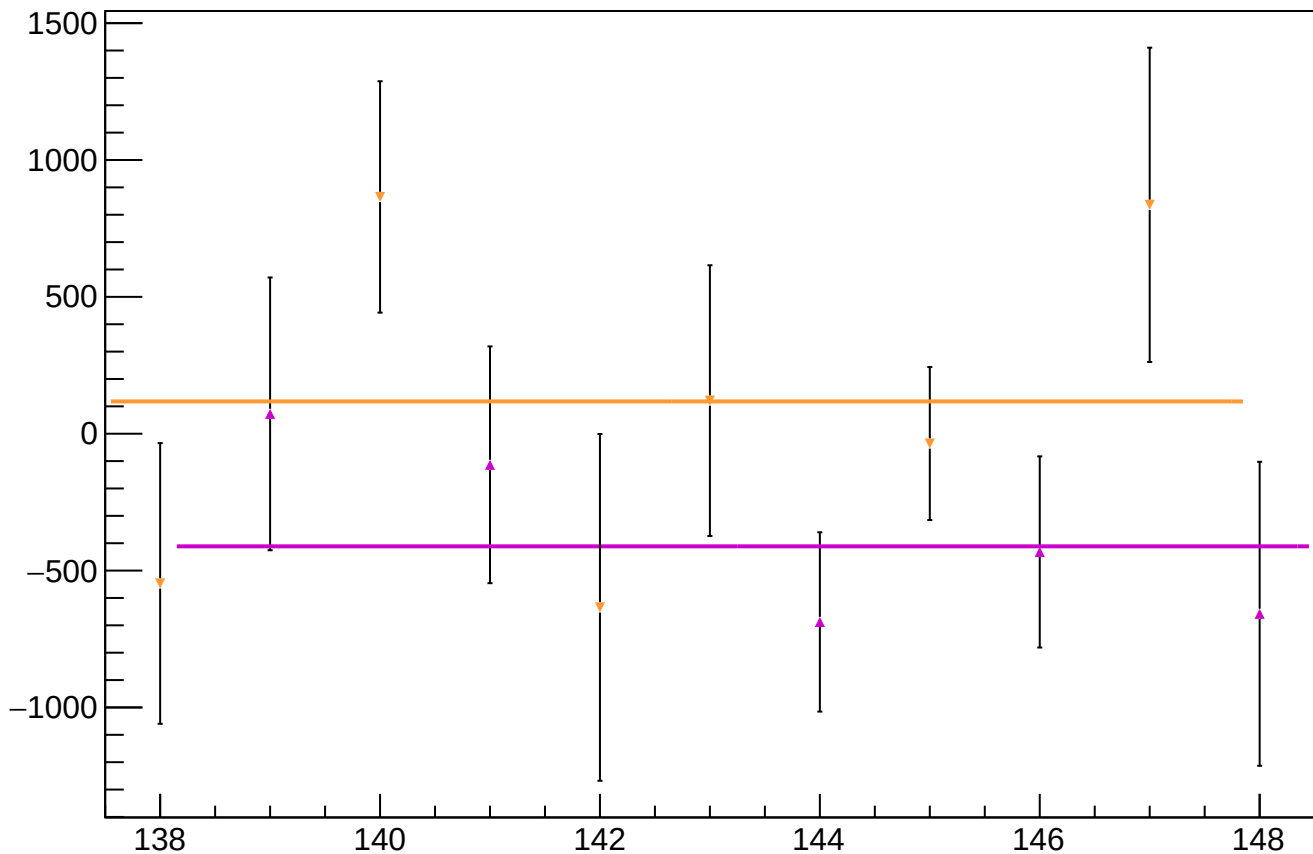
Left In: 74.817+/-0.027 χ^2/NDF : 24191.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.736+/-0.018 χ^2/NDF : 263438.7/10

- 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

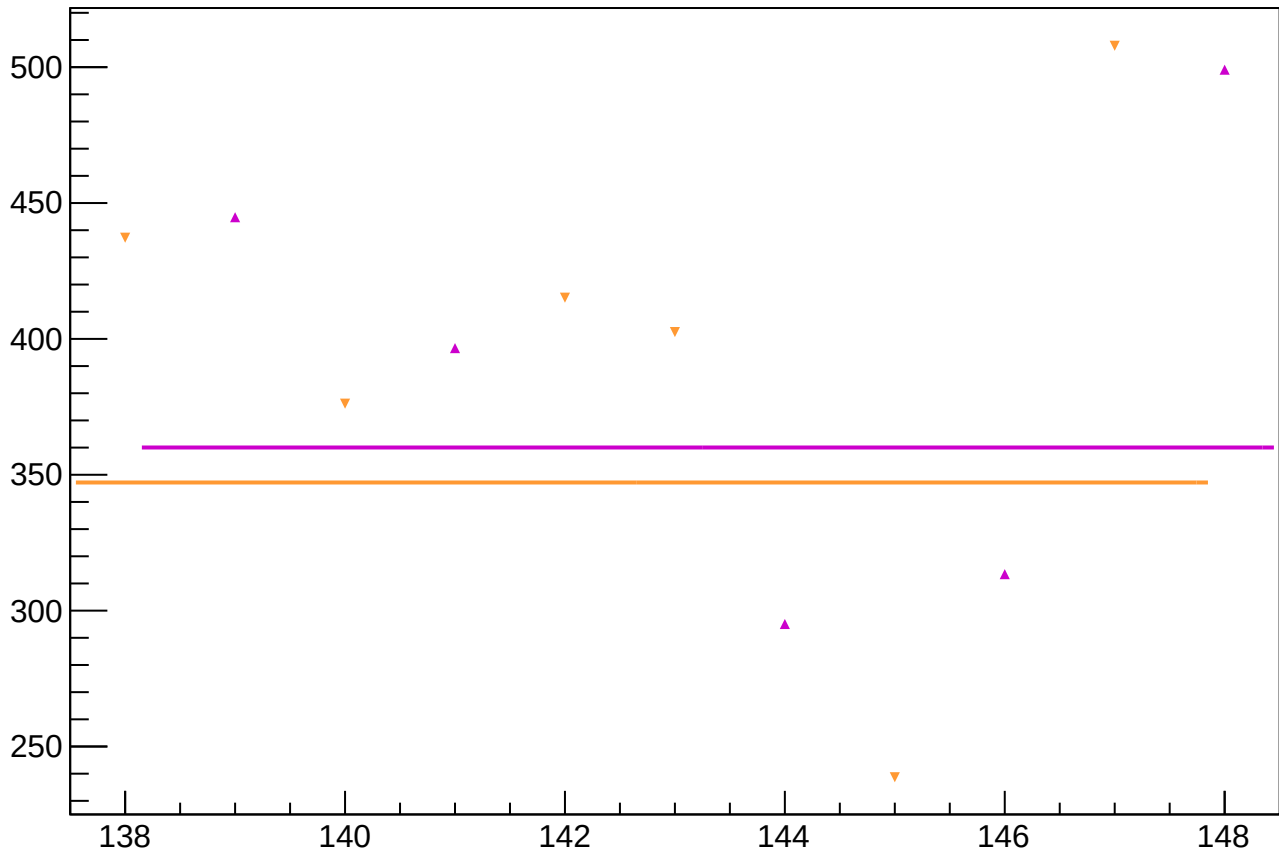
Left In: -411.404+/-182.146 χ^2/NDF : 2.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.599+/-127.050 χ^2/NDF : 14.8/10

- 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

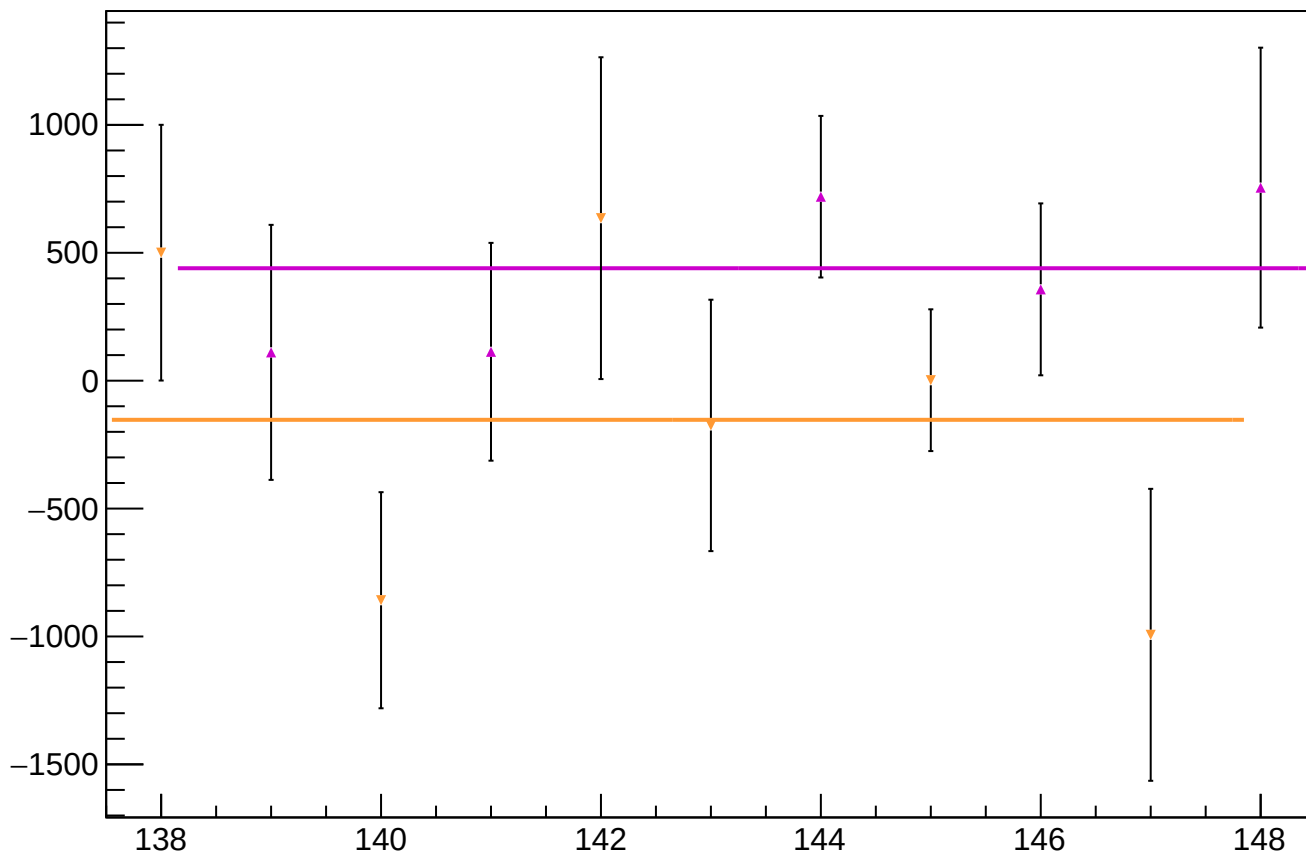
Left In: 360.036+/-0.129 χ^2/NDF : 311831.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.424+/-0.090 χ^2/NDF : 894059.5/10

- 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

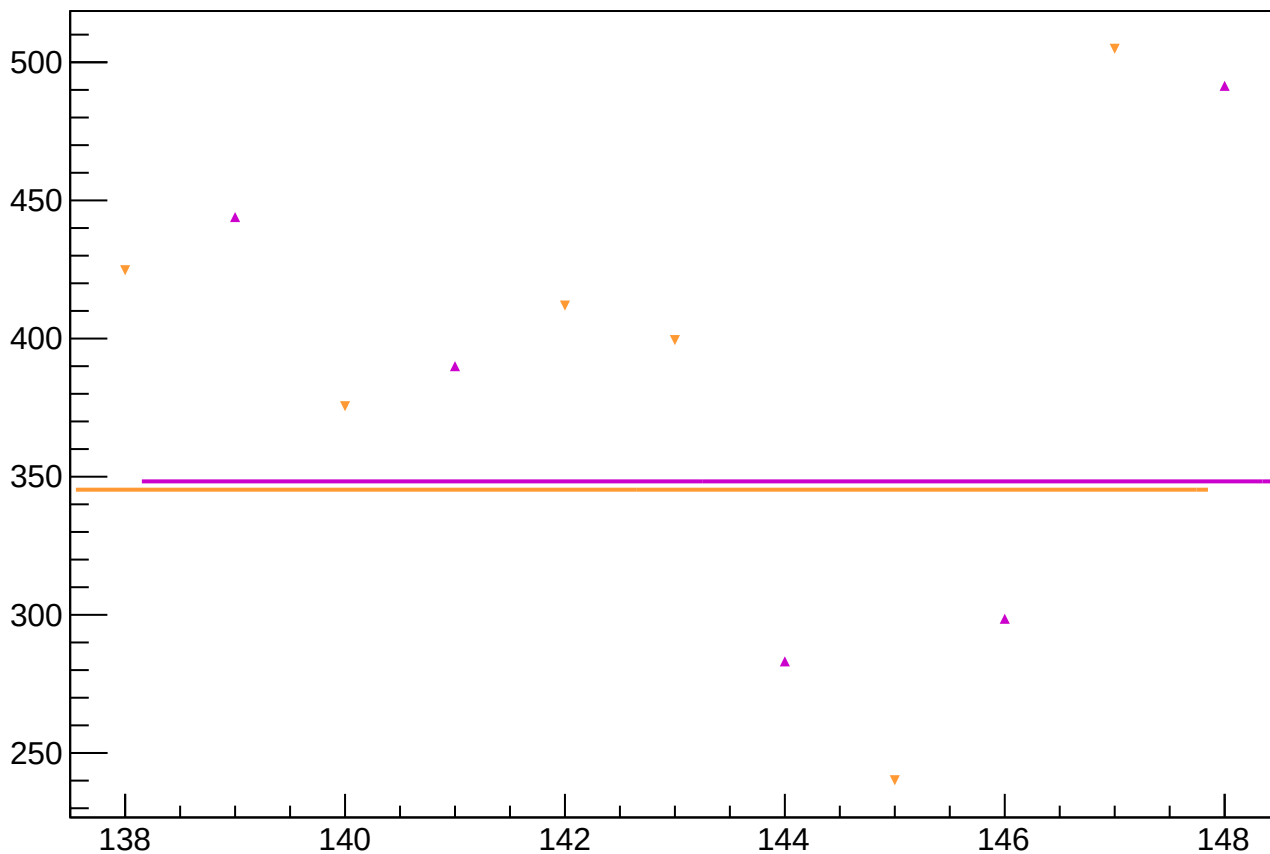
Left In: 439.598+/-177.449 χ^2/NDF : 2.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.507+/-124.881 χ^2/NDF : 16.4/10

- 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

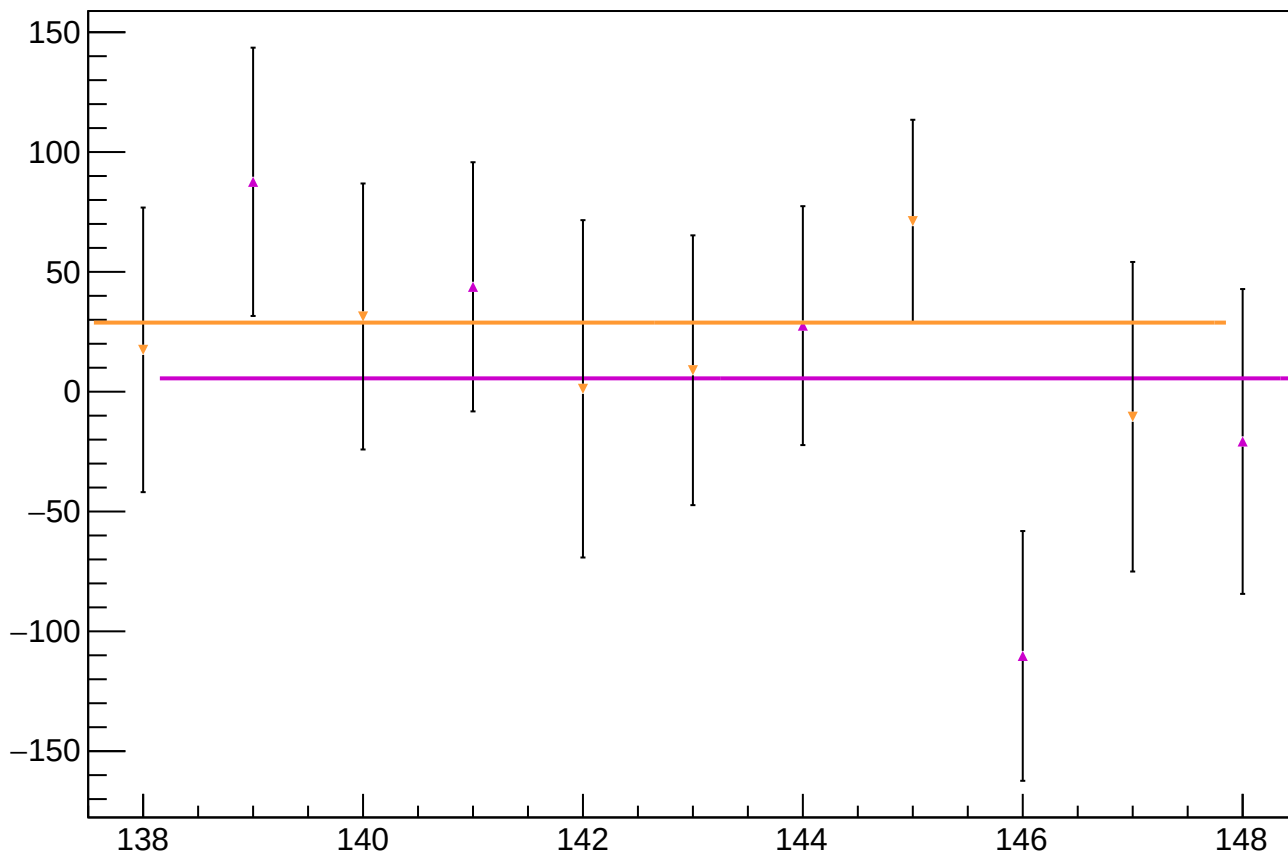
Left In: 348.305+/-0.125 χ^2/NDF : 358599.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.789+/-0.088 χ^2/NDF : 910729.6/10

- 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

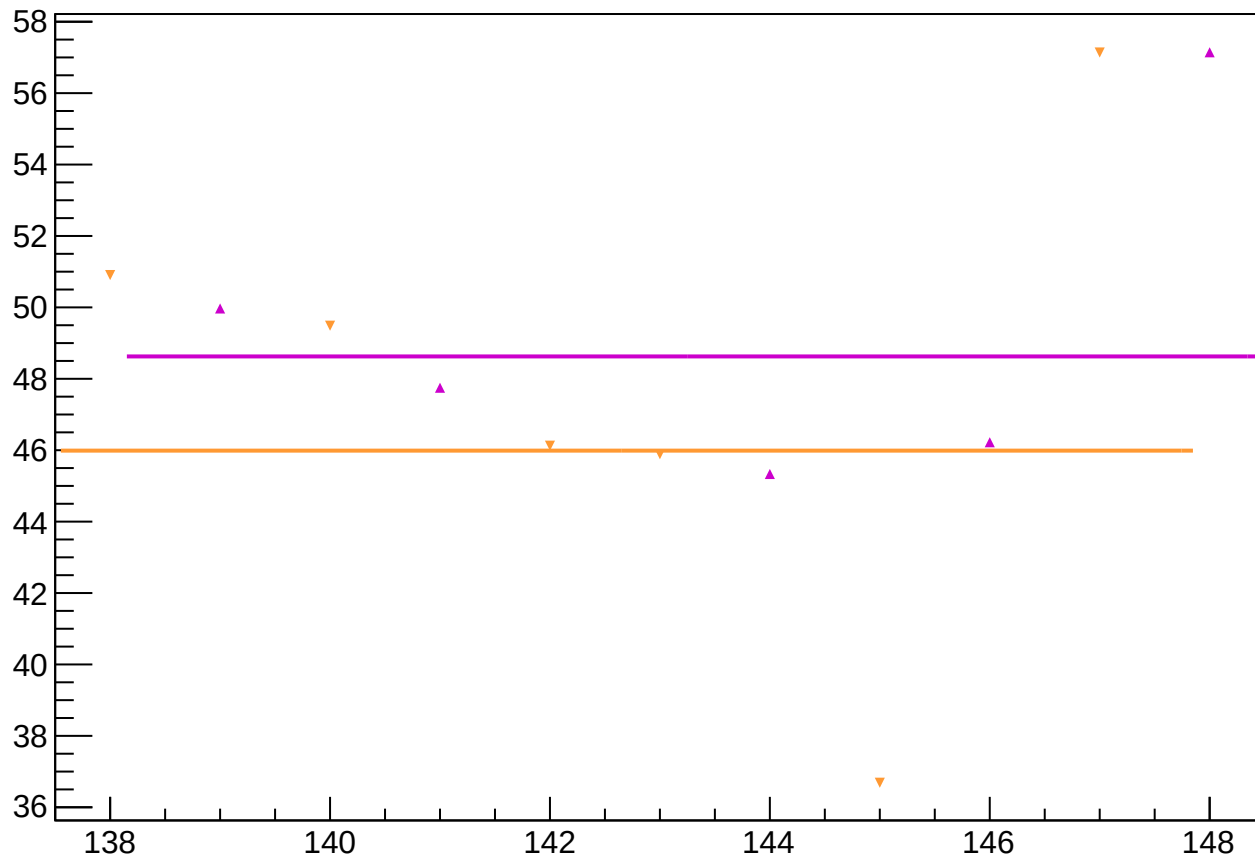
Left In: 5.563 $\pm$ 24.203 χ^2 /NDF:8.0/4

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

All: 17.893 $\pm$ 16.594 χ^2 /NDF: 10.2/10

- 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

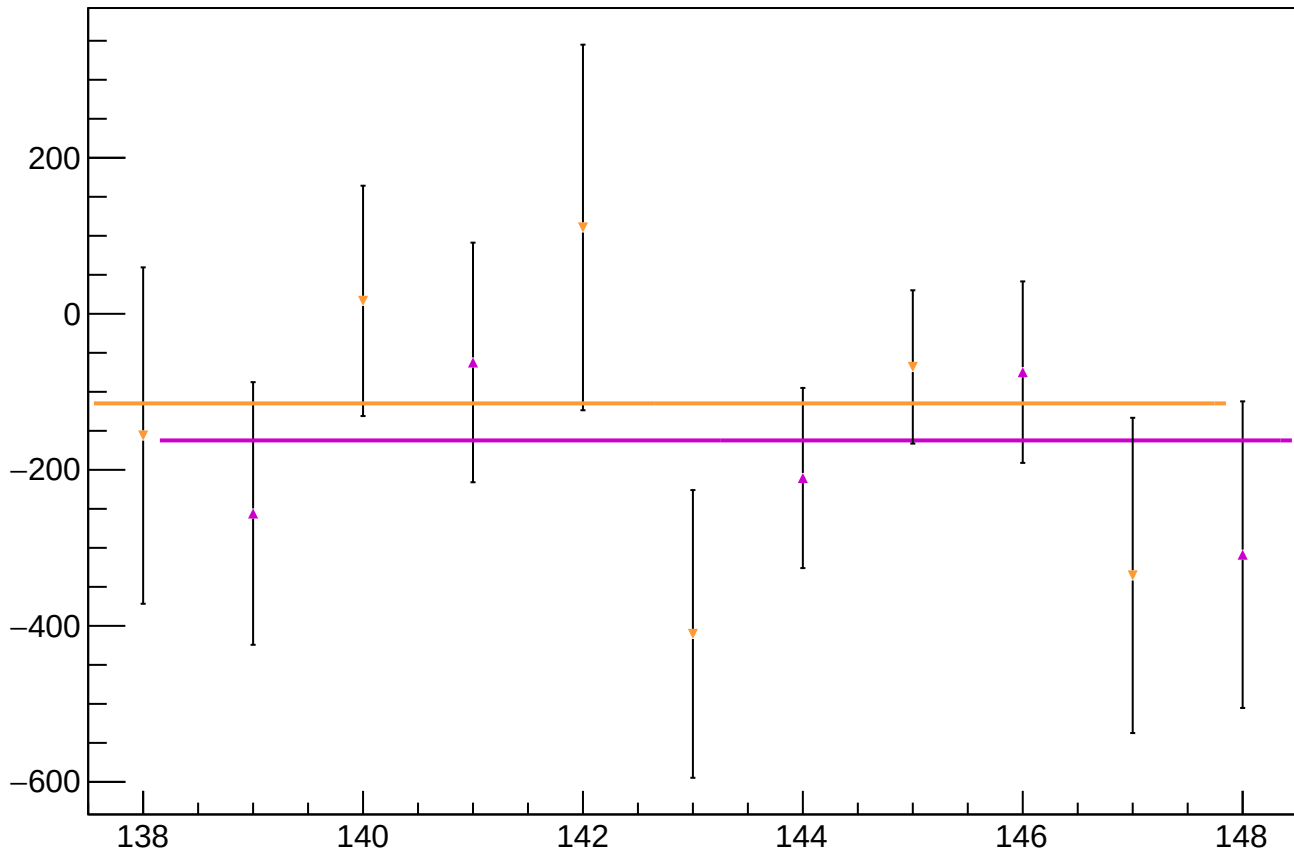
Left In: 48.626+/-0.017 χ^2/NDF : 50572.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.228+/-0.012 χ^2/NDF : 241162.1/10

- 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

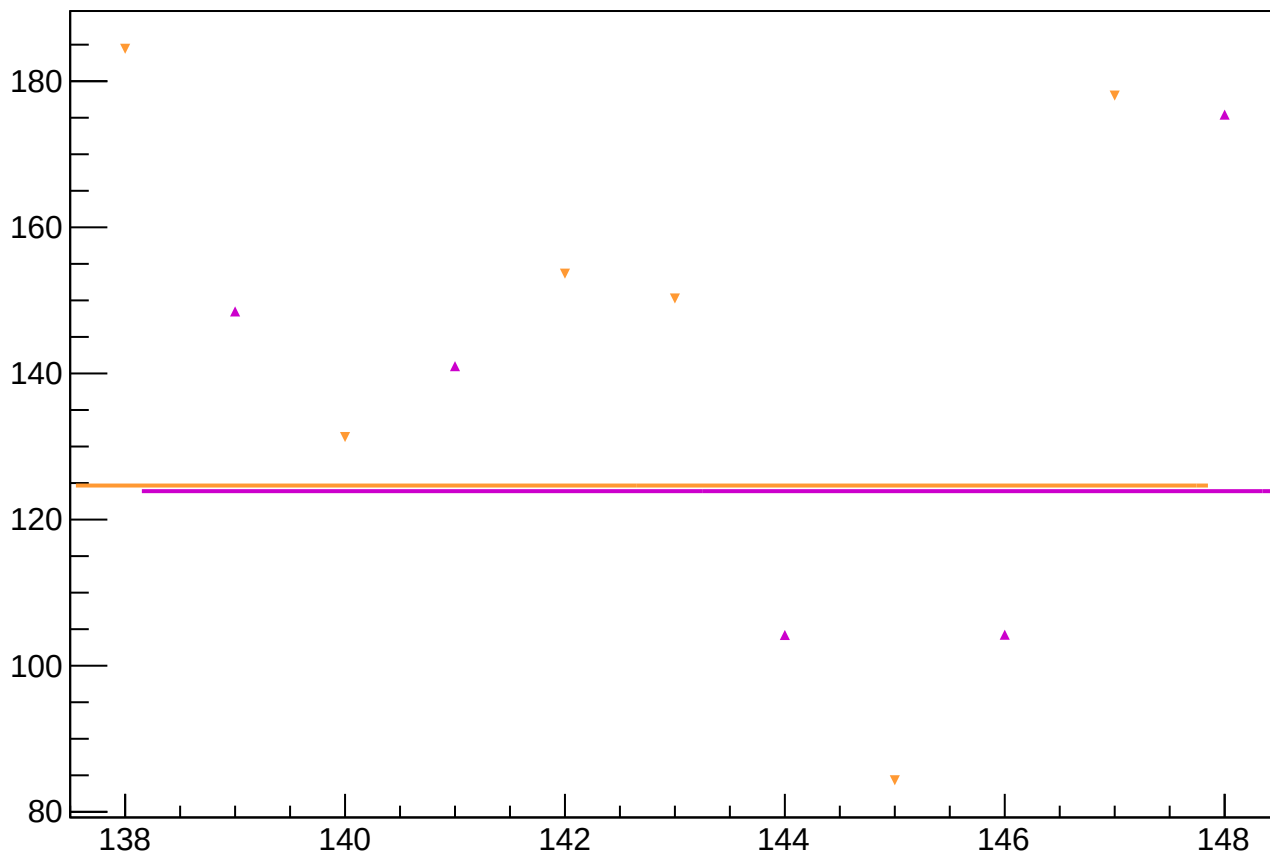
Left In: -162.300+/-62.934 χ^2/NDF : 2.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.015+/-44.921 χ^2/NDF : 8.0/10

- 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

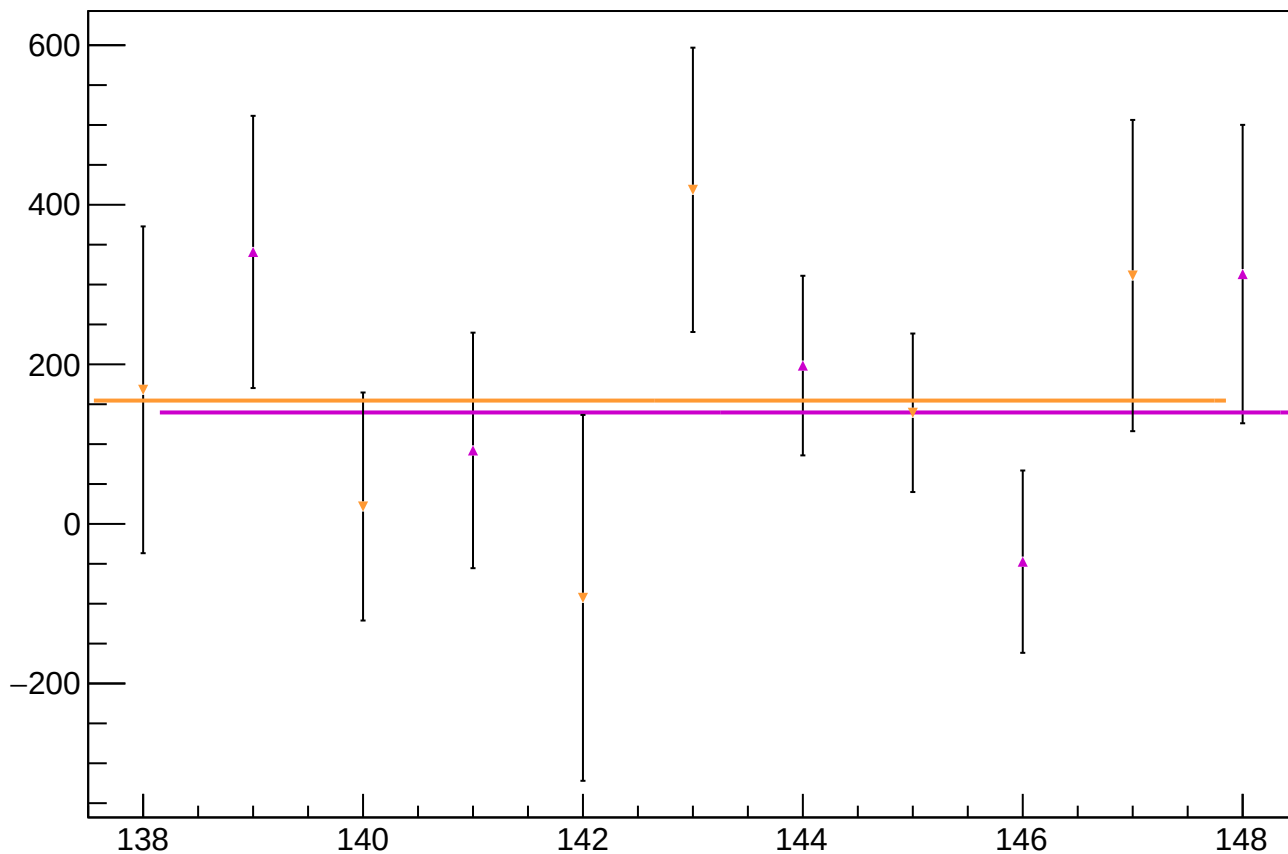
Left In: 123.891+/-0.045 χ^2/NDF : 320233.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.269+/-0.032 χ^2/NDF : 1023965.8/10

- 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

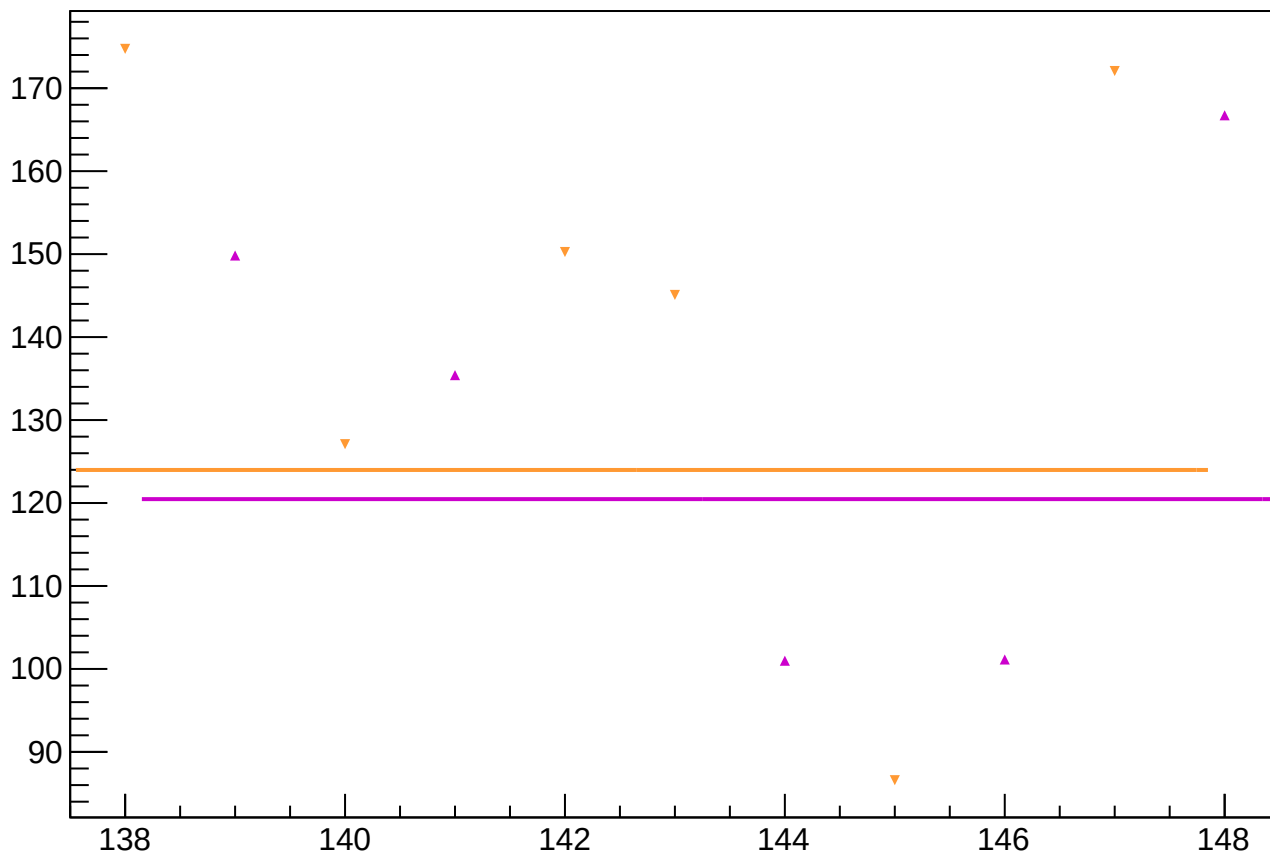
Left In: 139.685+/-61.498 χ^2/NDF : 5.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.947+/-44.048 χ^2/NDF : 10.2/10

- 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

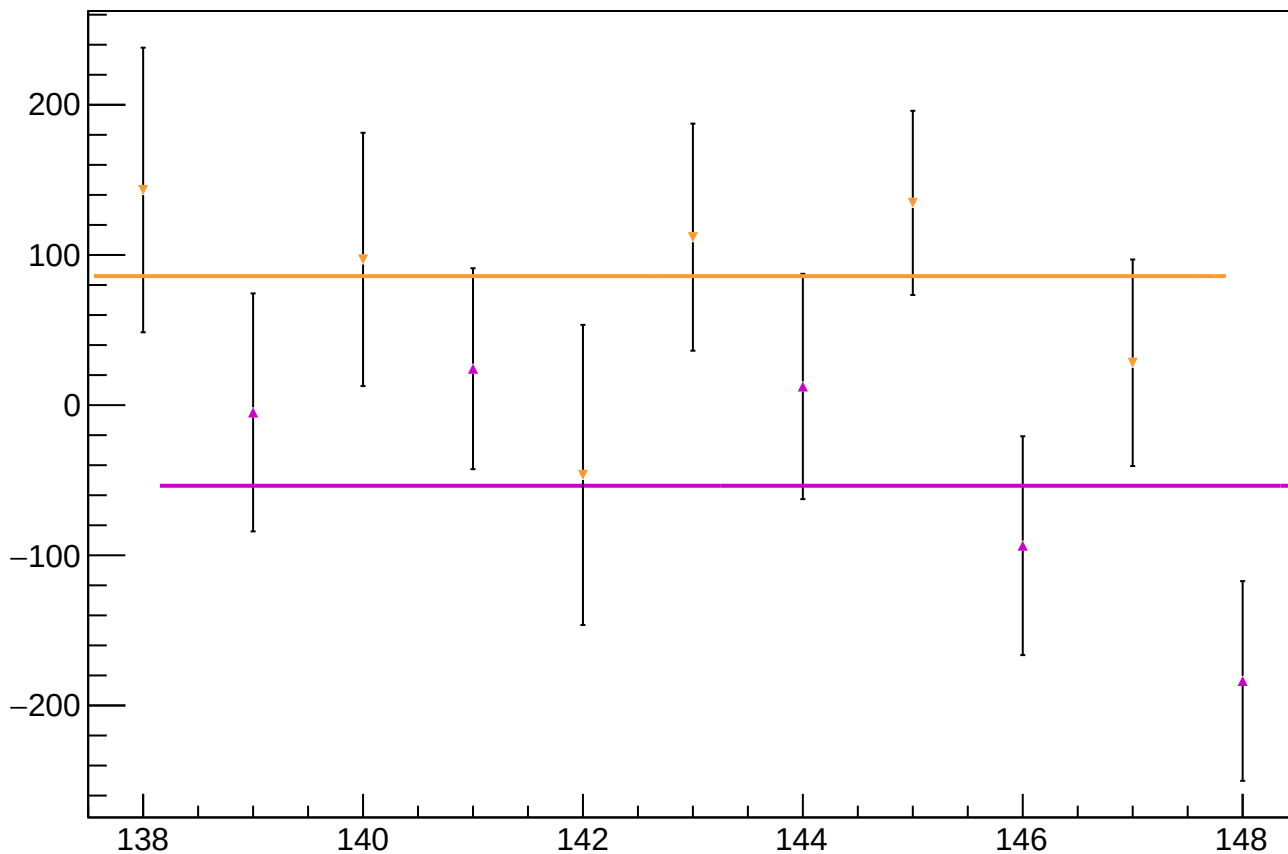
Left In: 120.469+/-0.043 χ^2/NDF : 319298.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.181+/-0.031 χ^2/NDF : 905624.1/10

- 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

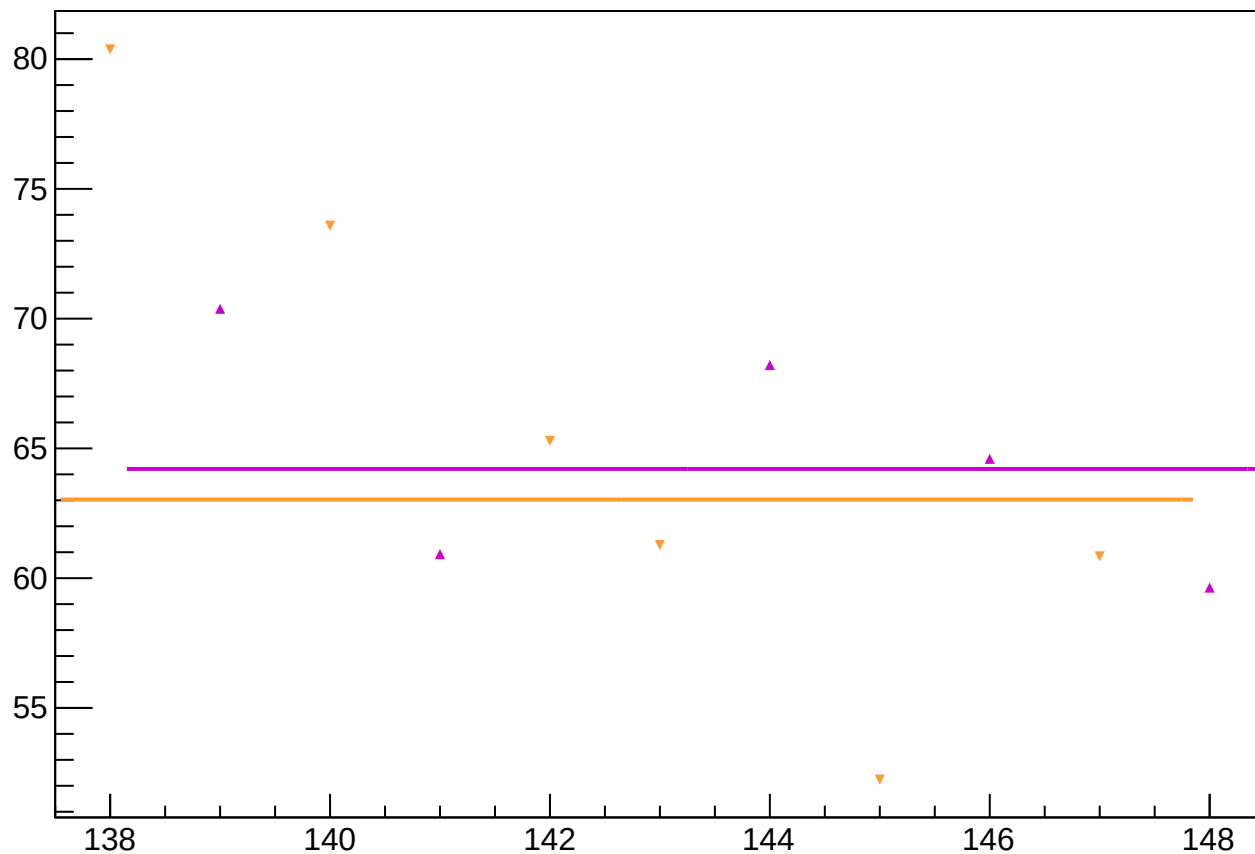
Left In: -53.674 $\pm$ 32.024 χ^2 /NDF:6.6/4

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

All: 17.155 $\pm$ 22.476 χ^2 /NDF: 19.9/10

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

dit_asym_sam_1357_avg_rms vs Slug



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

Left Out: 63.030+/-0.022 χ^2/NDF :164399.2/5

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

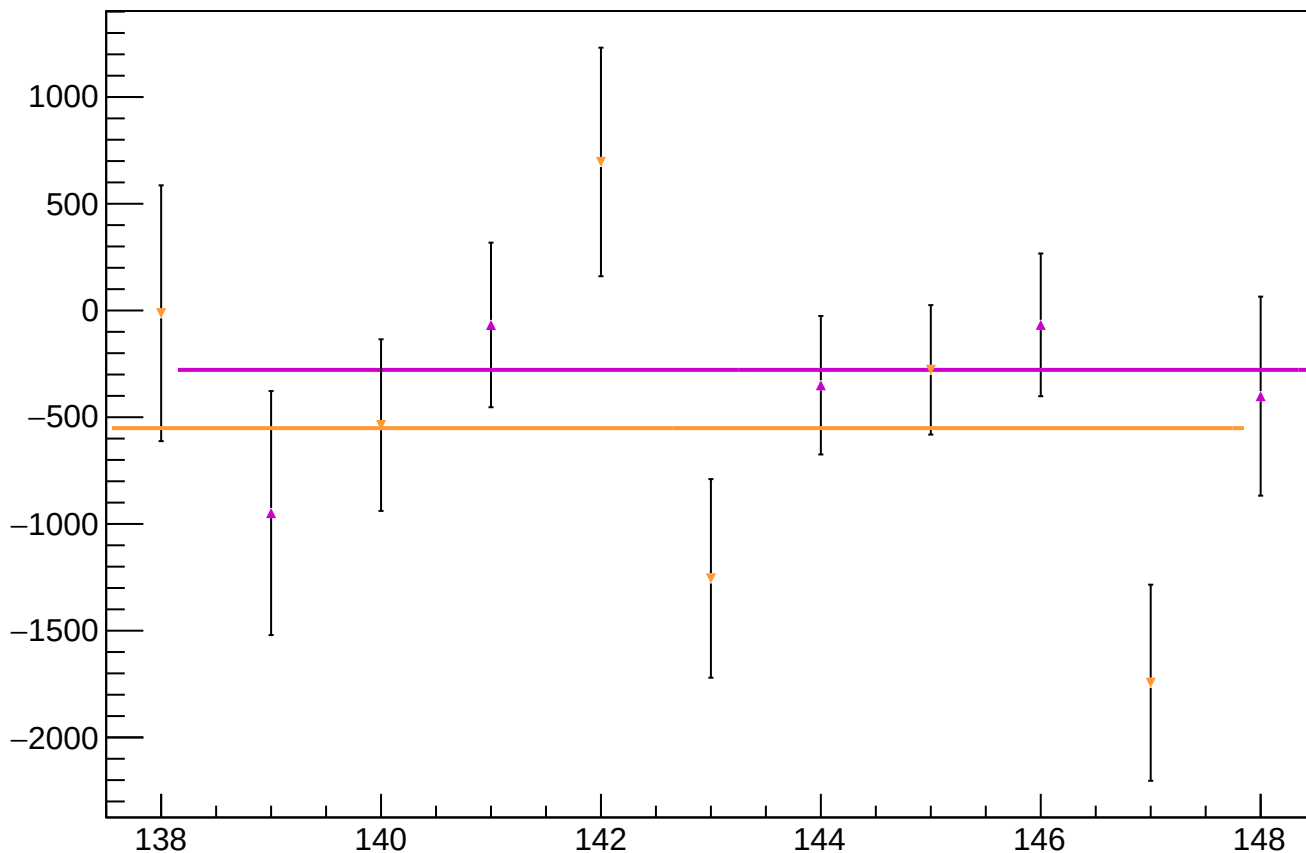
Left In: 64.210+/-0.023 χ^2/NDF :32159.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.611+/-0.016 χ^2/NDF : 197935.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_correction_mean vs Slug



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

Left Out: -551.054+/-174.903 χ^2/NDF :16.1/5

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

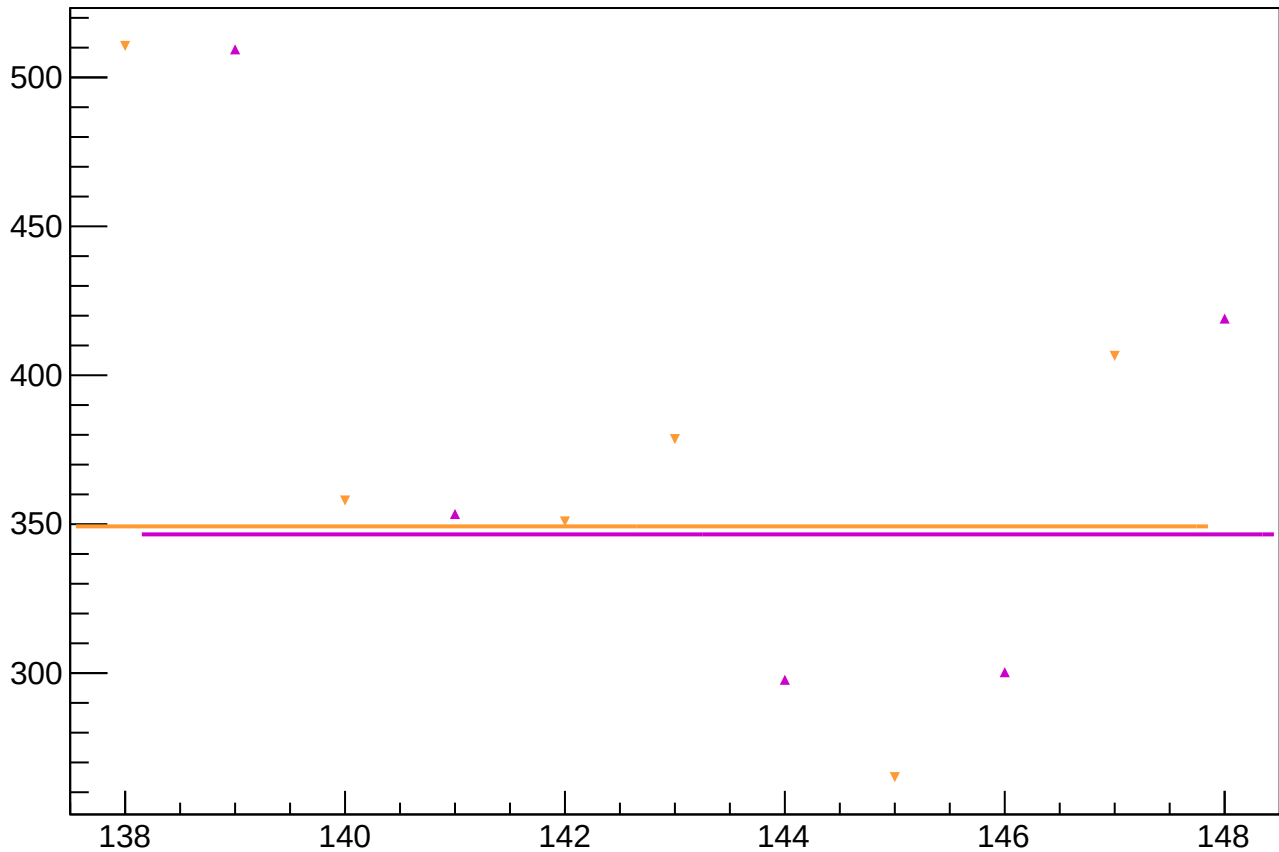
Left In: -278.187+/-174.474 χ^2/NDF :2.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -414.285+/-123.523 χ^2/NDF : 19.5/10

- 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

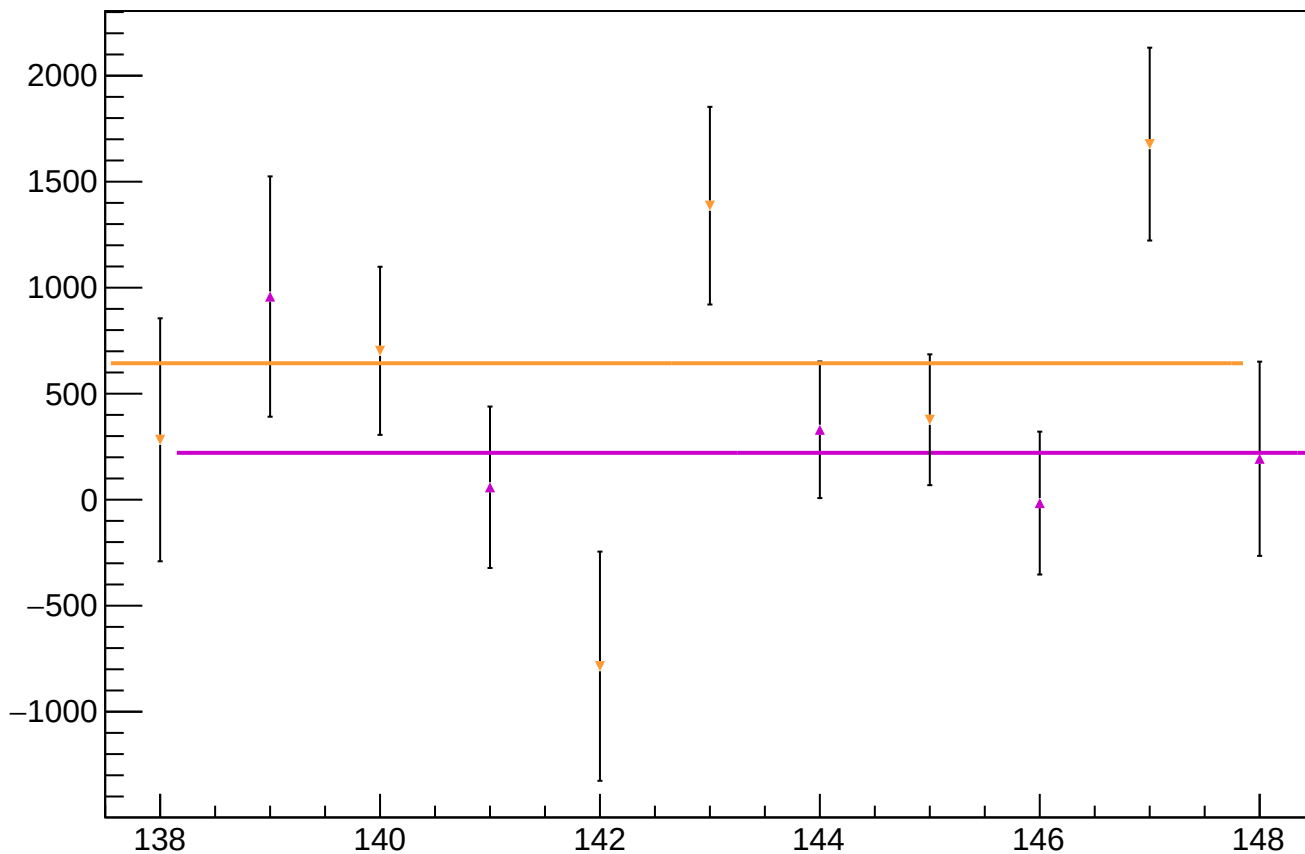
Left In: 346.577+/-0.123 χ^2/NDF :294990.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.917+/-0.087 χ^2/NDF : 634255.8/10

- 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

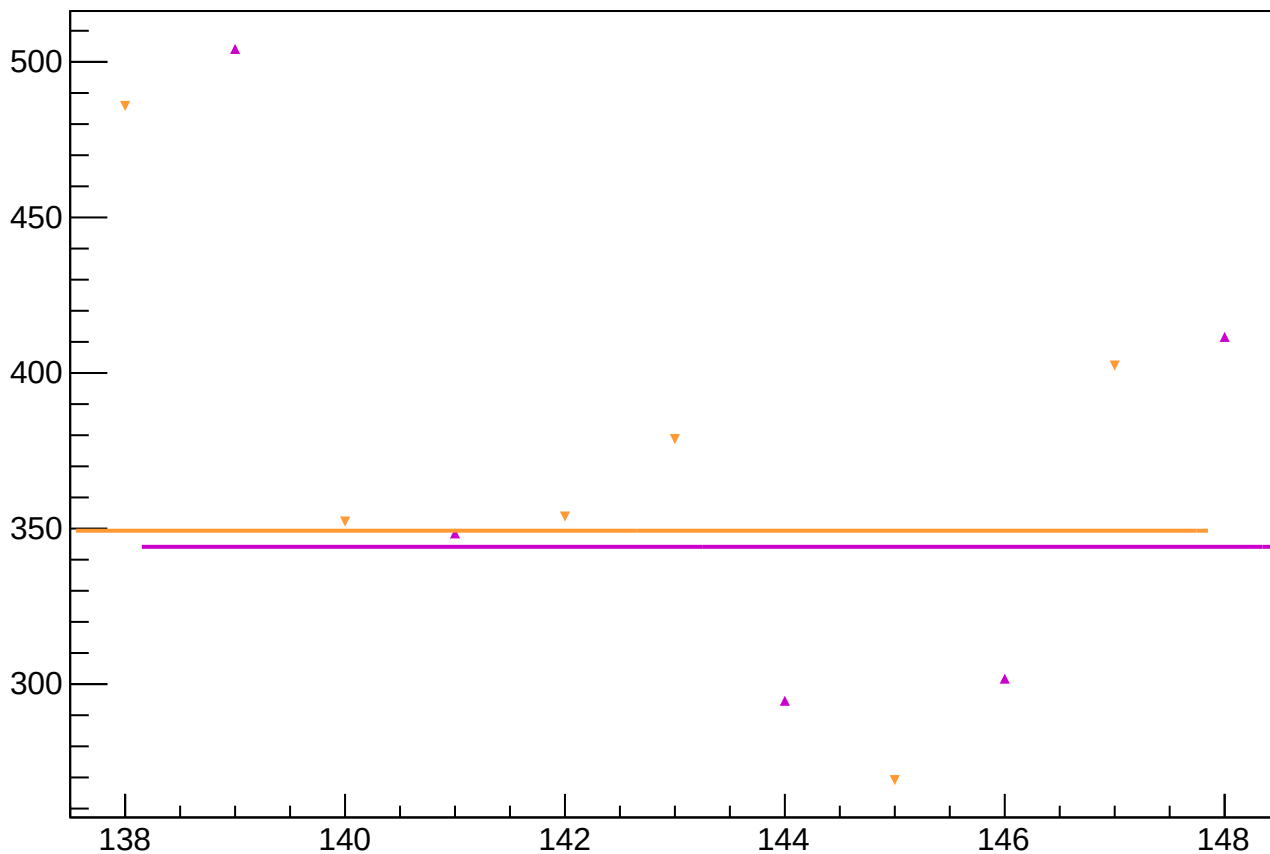
Left In: 221.036+/-173.512 χ^2/NDF :2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.860+/-123.111 χ^2/NDF : 21.3/10

- 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

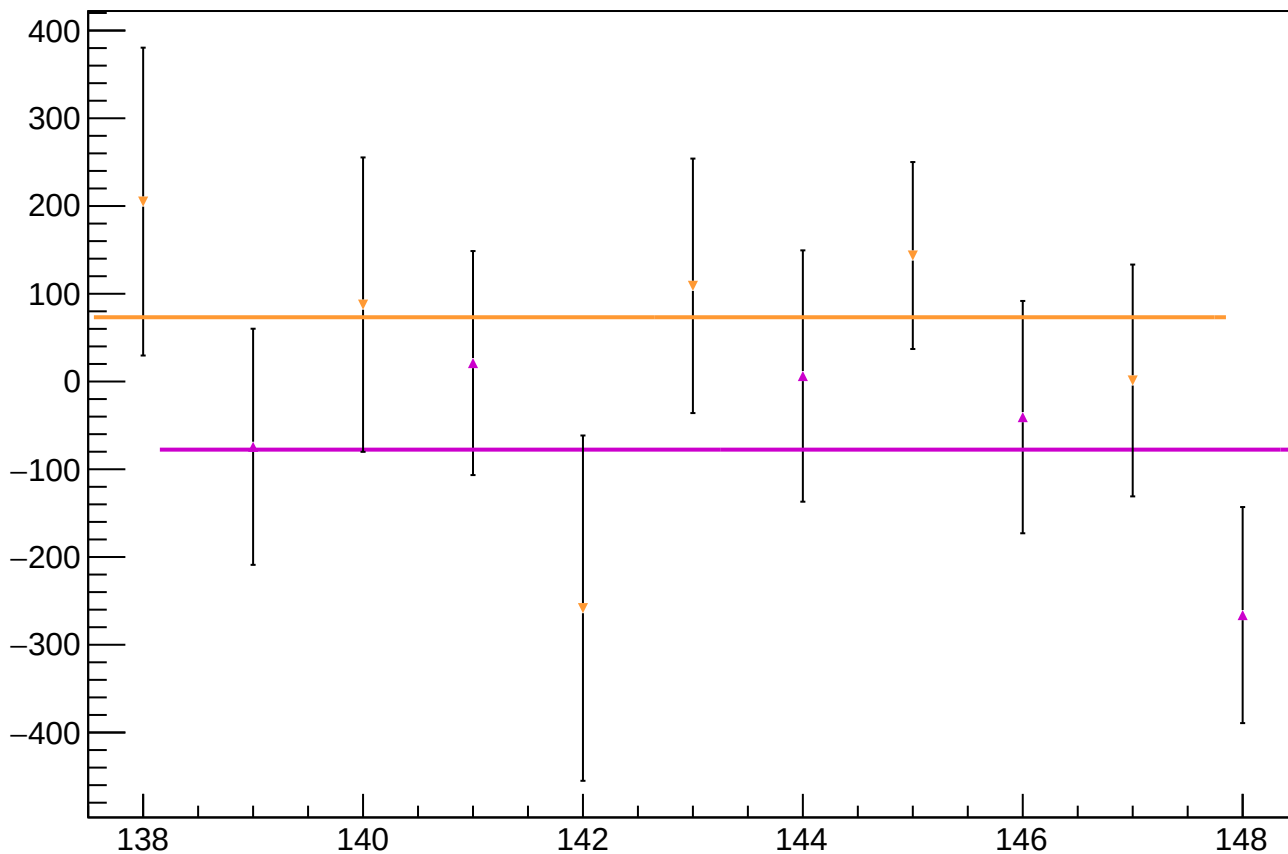
Left In: 344.129+/-0.123 χ^2/NDF : 281851.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.703+/-0.087 χ^2/NDF : 566666.5/10

- 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

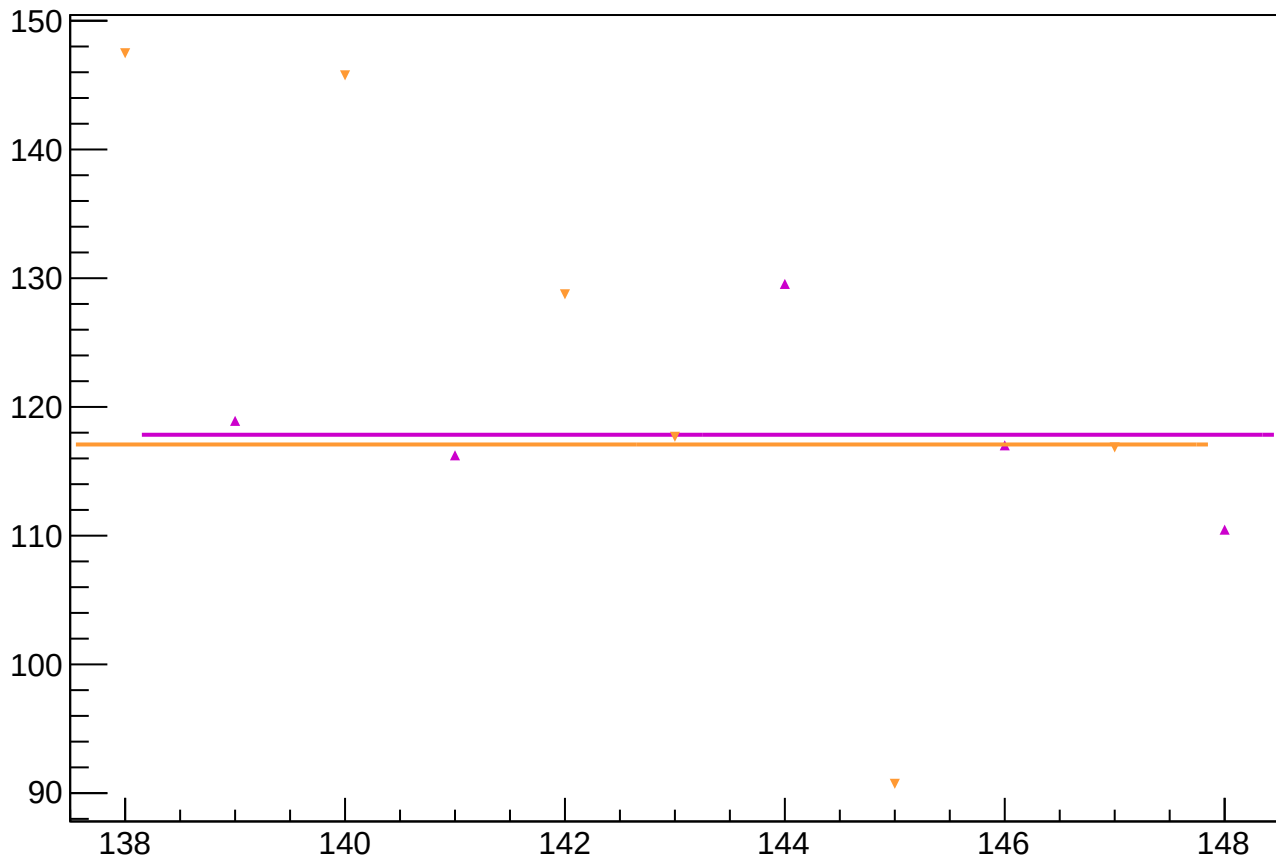
Left In: -77.633 $\pm$ 58.886 χ^2 /NDF: 3.4/4

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

All: -2.396 $\pm$ 41.695 χ^2 /NDF: 10.8/10

- 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

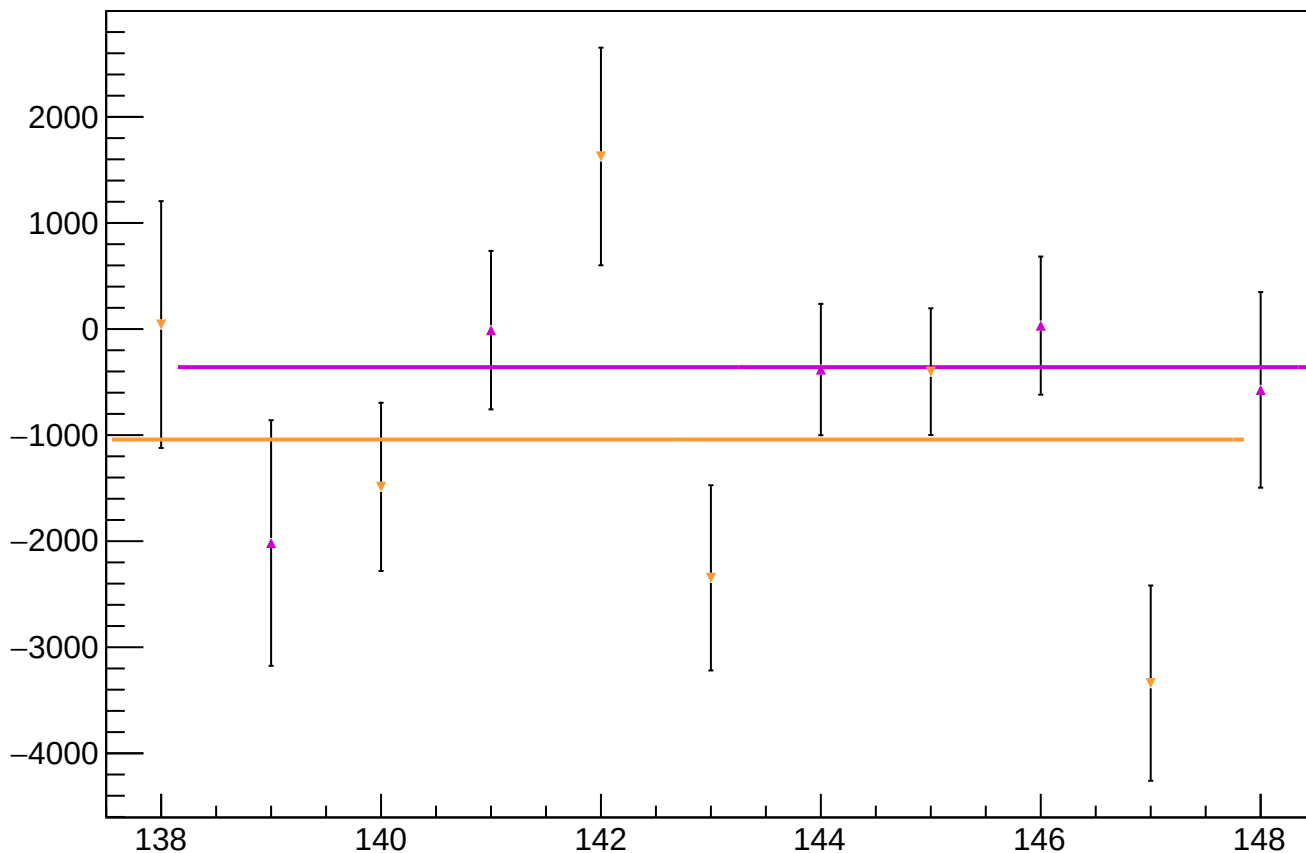
Left In: 117.839+/-0.042 χ^2/NDF : 21076.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.463+/-0.029 χ^2/NDF : 269224.4/10

- 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

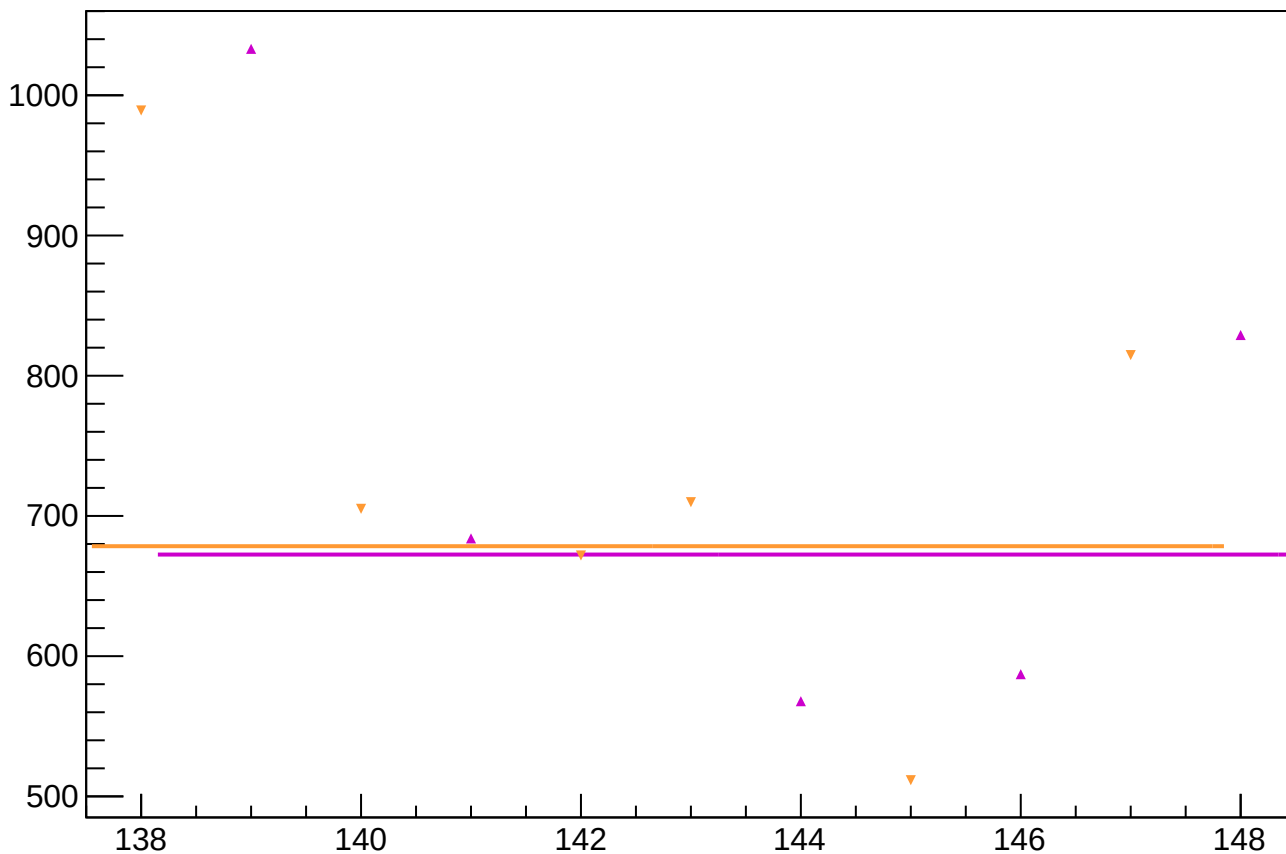
Left In: -359.117+/-339.428 χ^2/NDF :2.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -698.365+/-240.757 χ^2/NDF : 22.2/10

- 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

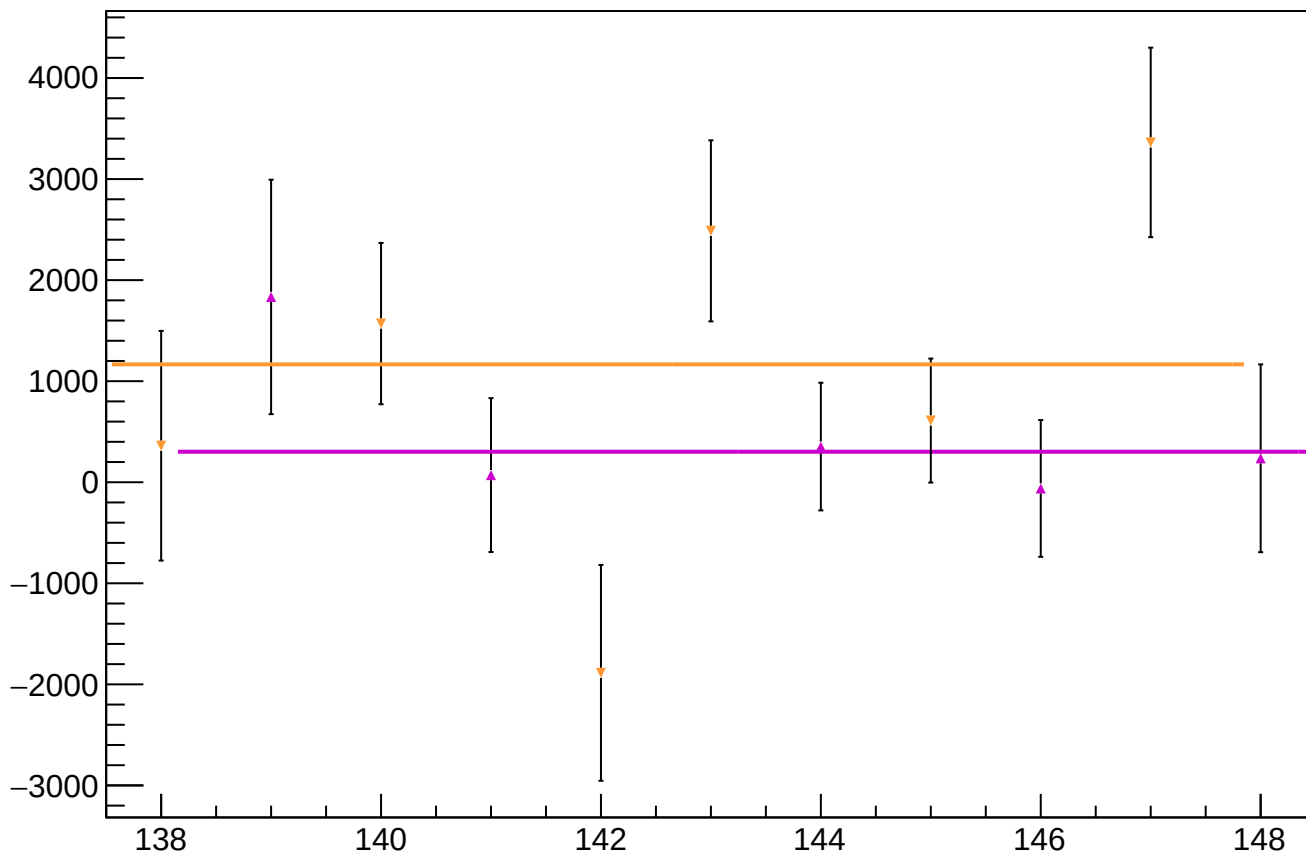
Left In: 672.460+/-0.240 χ^2/NDF : 343495.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 675.422+/-0.170 χ^2/NDF : 691238.8/10

- 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

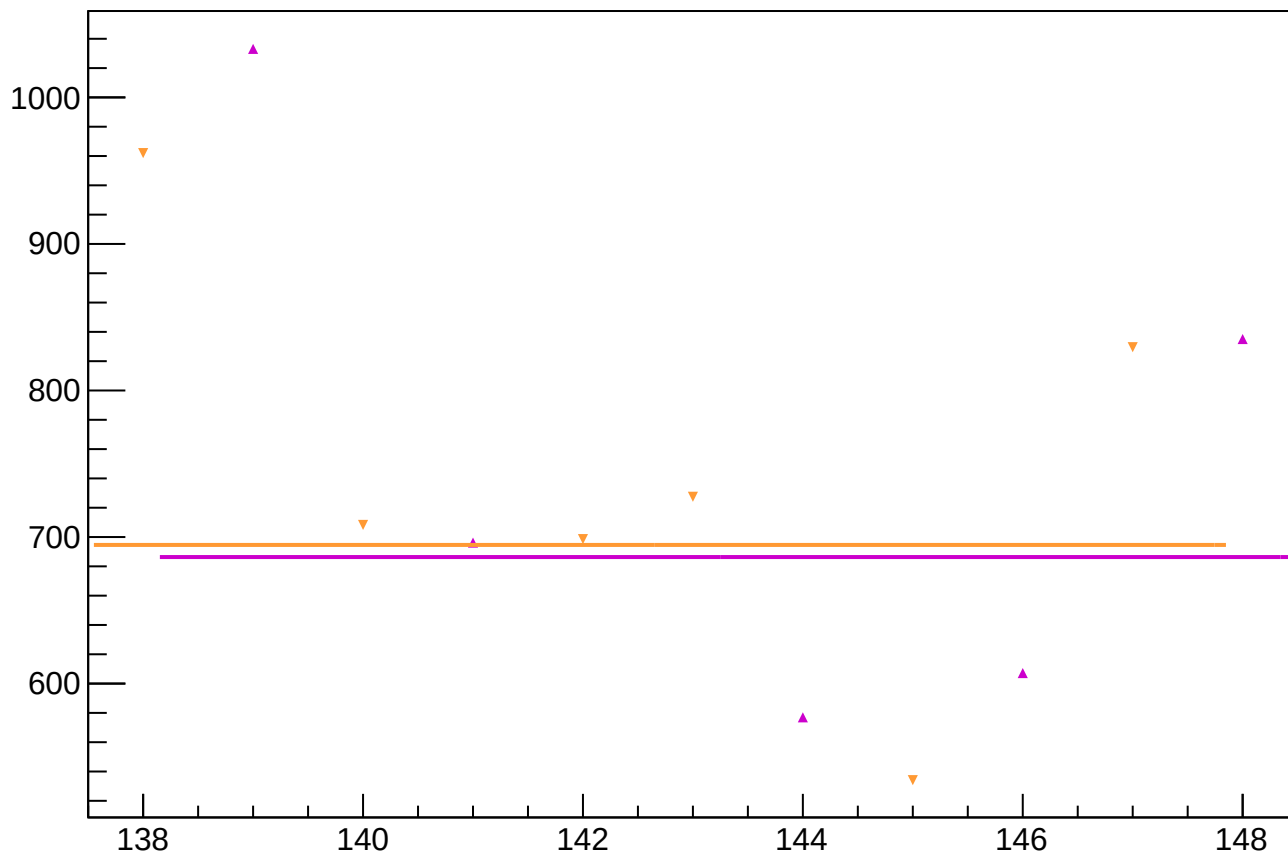
Left In: 301.892+/-346.777 χ^2/NDF : 2.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.727+/-245.618 χ^2/NDF : 22.6/10

- 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

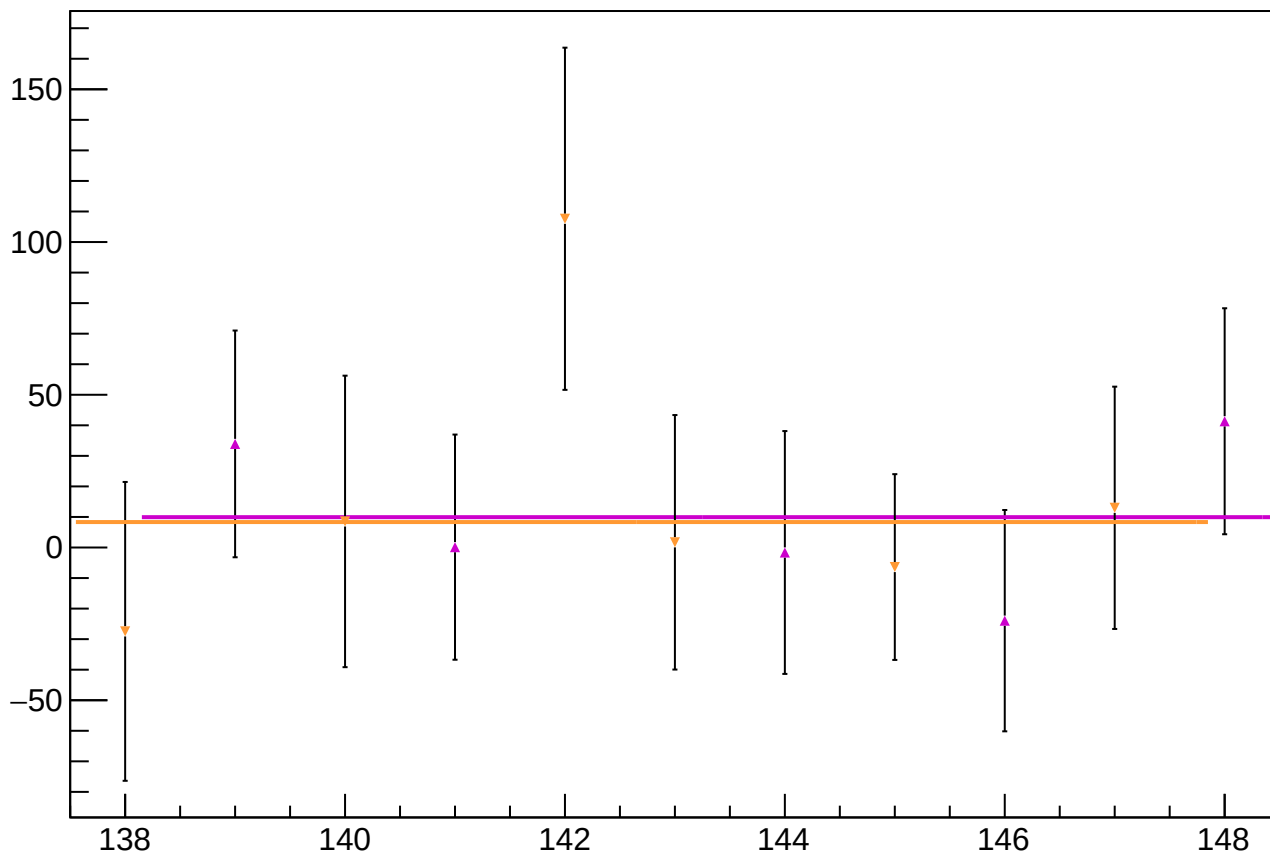
Left In: 686.345+/-0.245 χ^2/NDF : 317675.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.467+/-0.174 χ^2/NDF : 610571.6/10

- 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

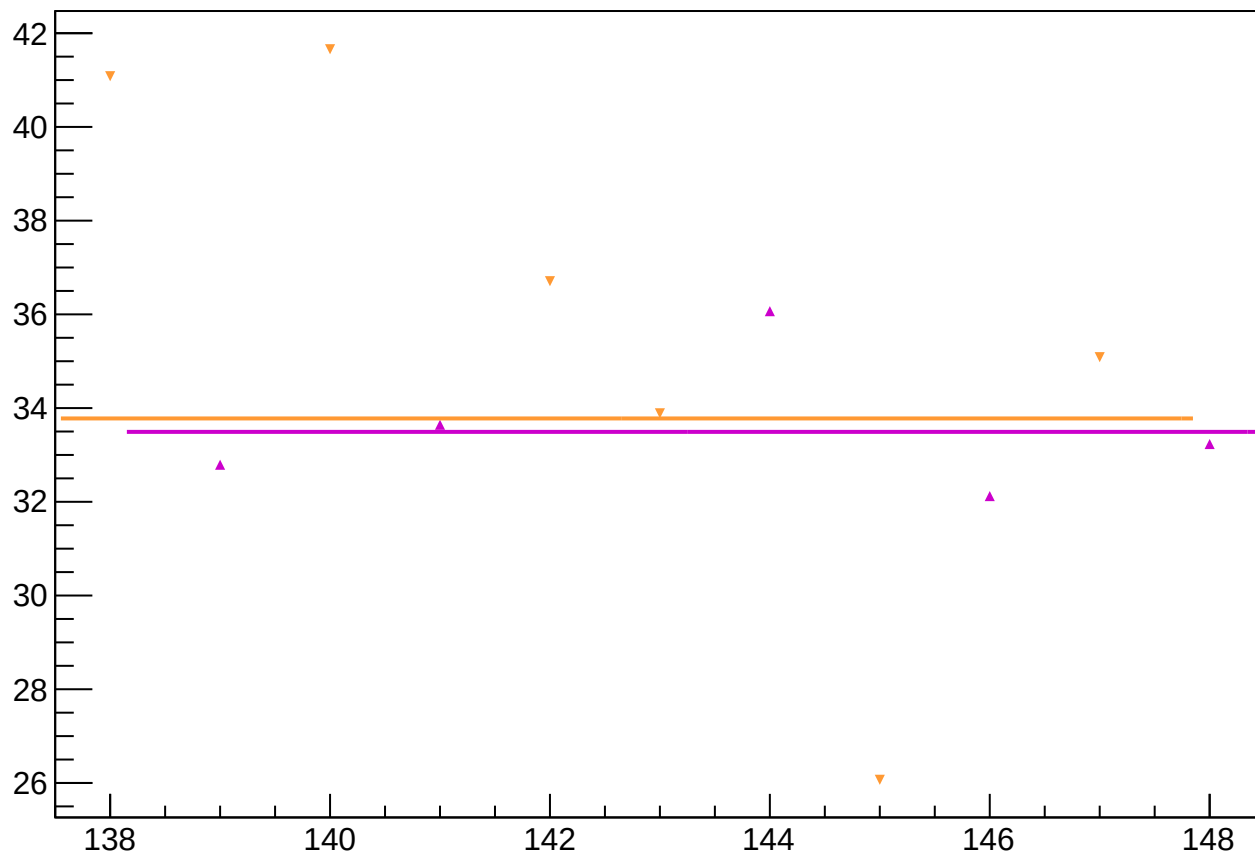
Left In: 9.933 $\pm$ 16.695 χ^2 /NDF: 2.2/4

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

All: 9.146 $\pm$ 11.903 χ^2 /NDF: 6.1/10

- 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

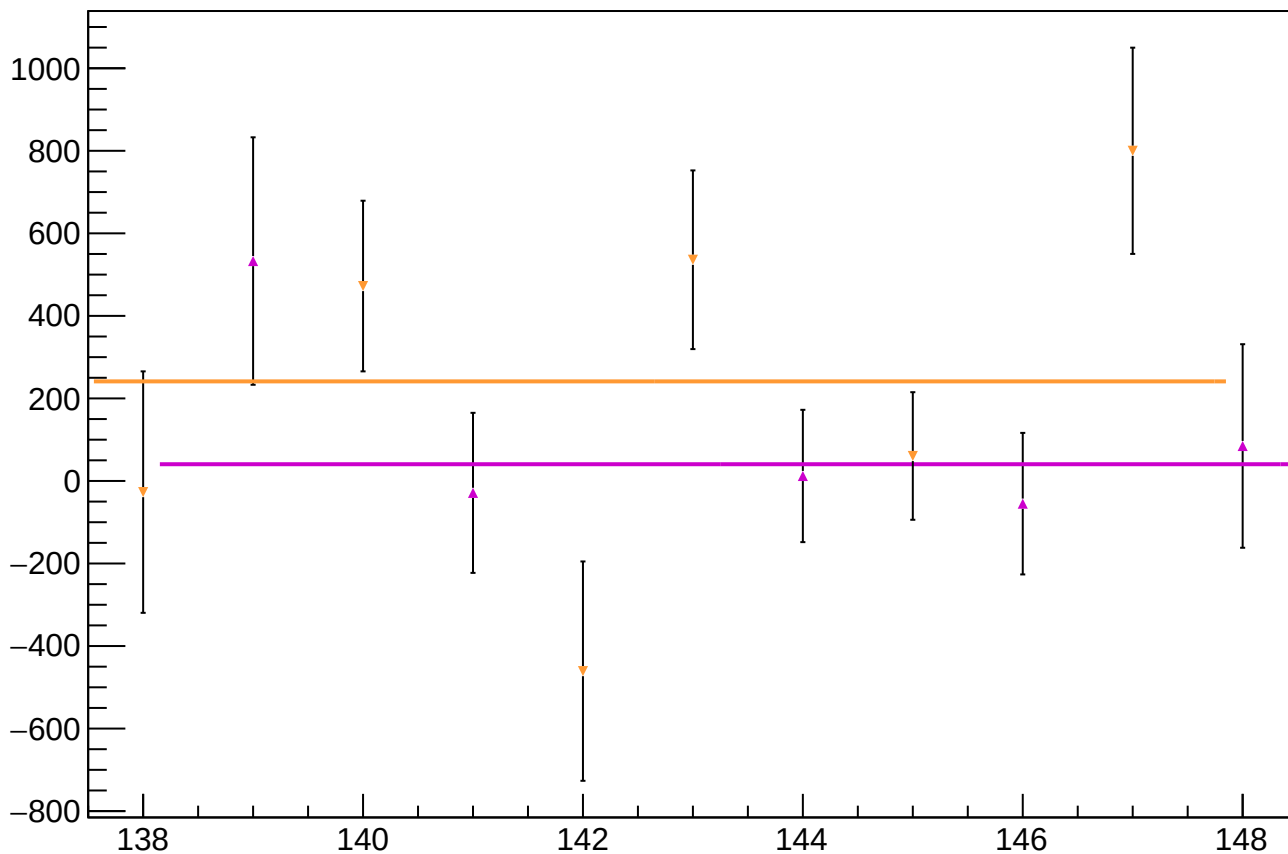
Left In: 33.492+/-0.012 χ^2/NDF : 12104.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.633+/-0.008 χ^2/NDF : 247798.1/10

- 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

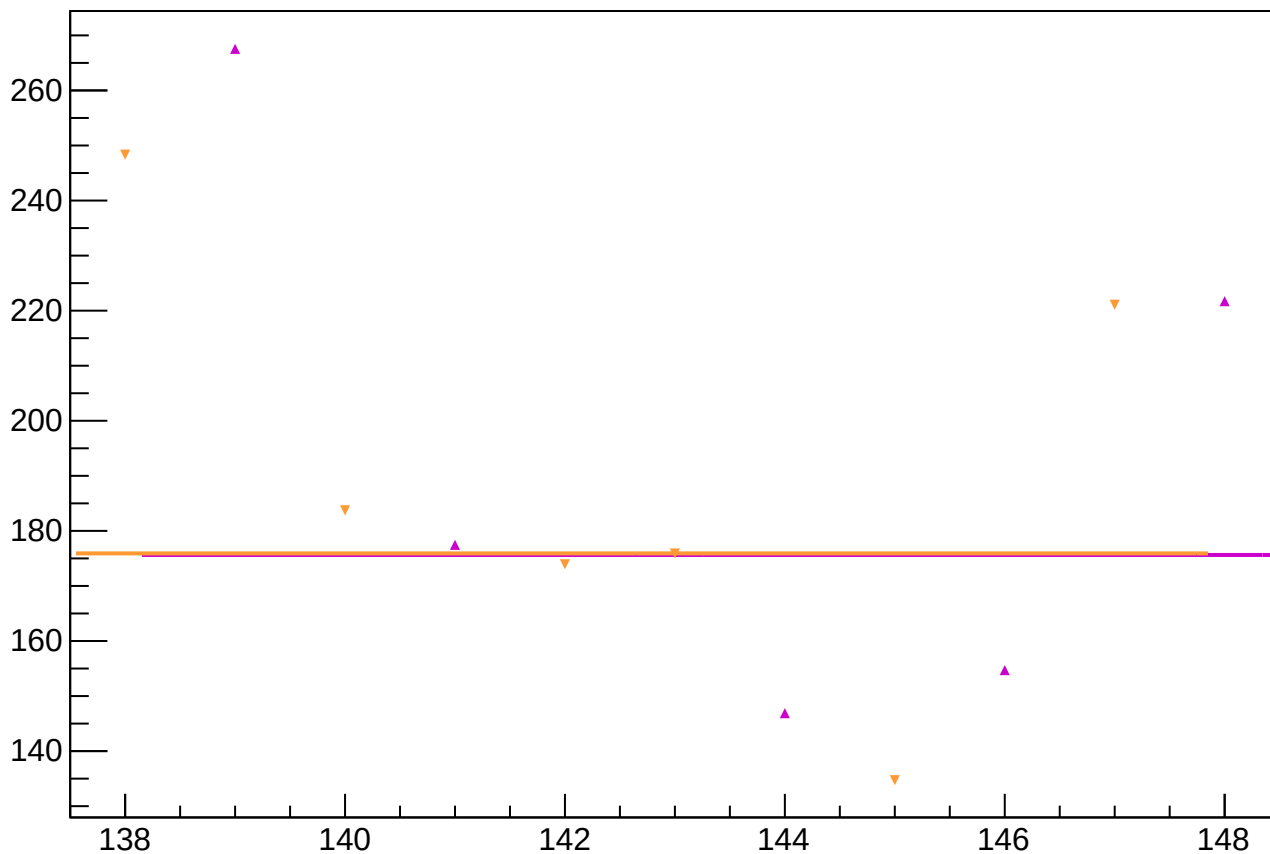
Left In: 40.552+/-88.708 χ^2/NDF : 3.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.450+/-62.558 χ^2/NDF : 23.1/10

- 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

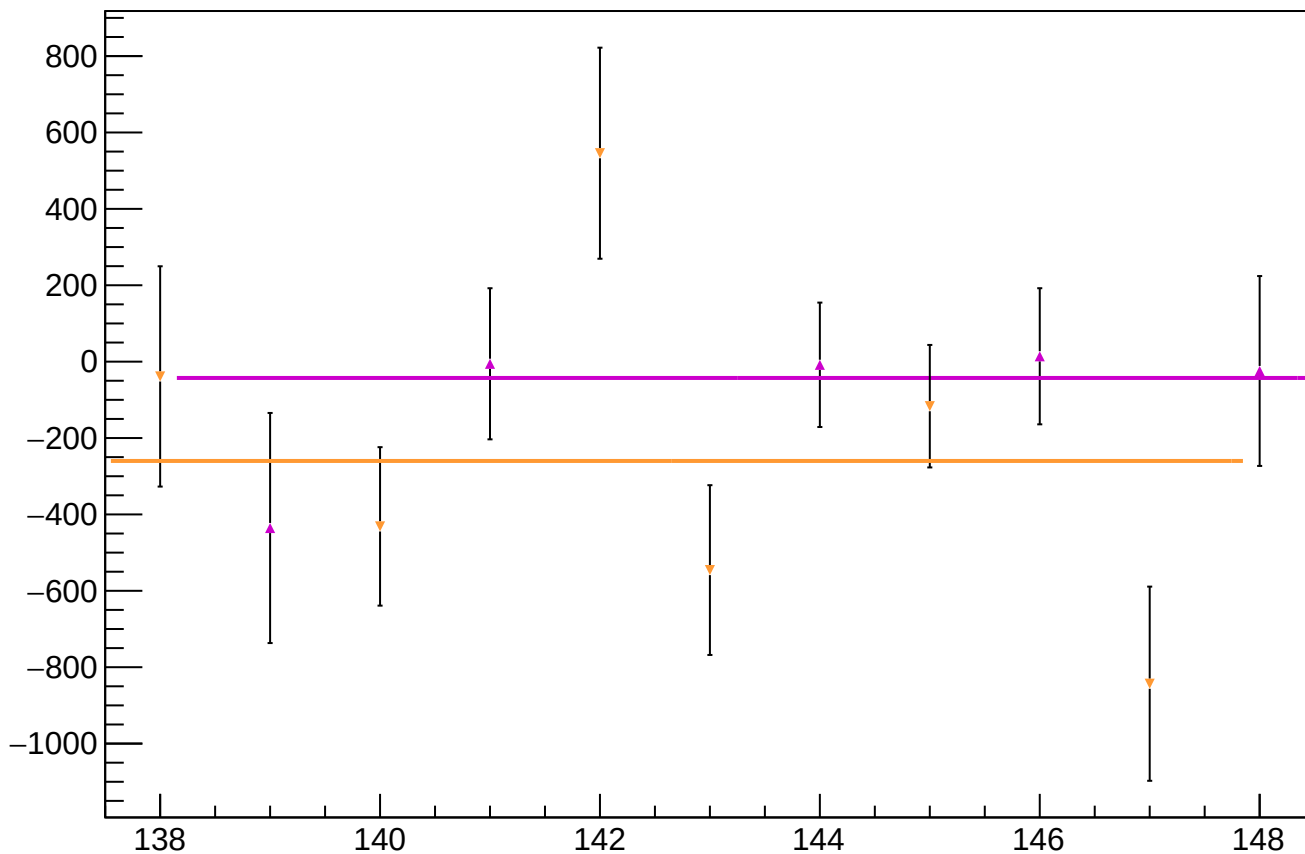
Left In: 175.628+/-0.063 χ^2/NDF : 352082.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.771+/-0.044 χ^2/NDF : 685009.4/10

- 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

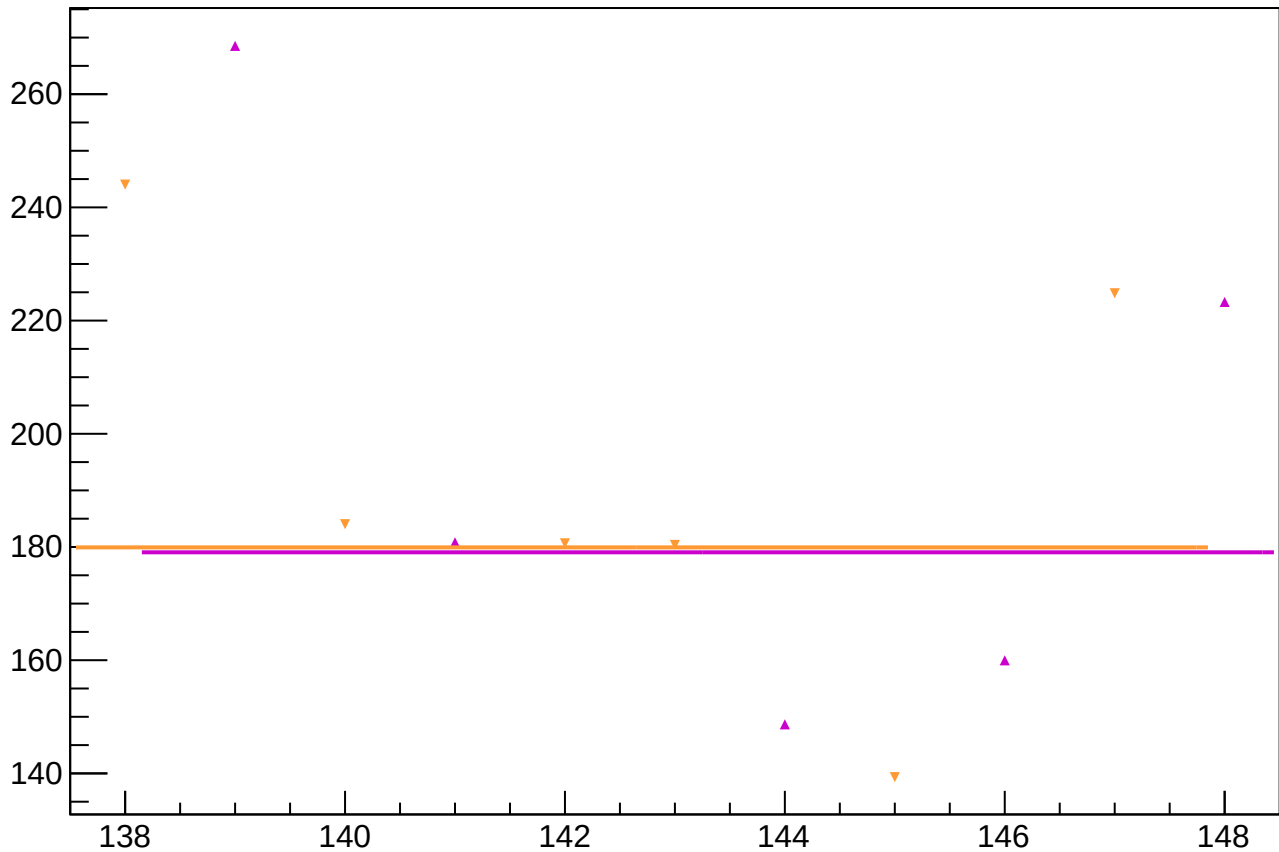
Left In: -42.702+/-90.554 χ^2/NDF : 1.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -151.796+/-63.900 χ^2/NDF : 22.3/10

- 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

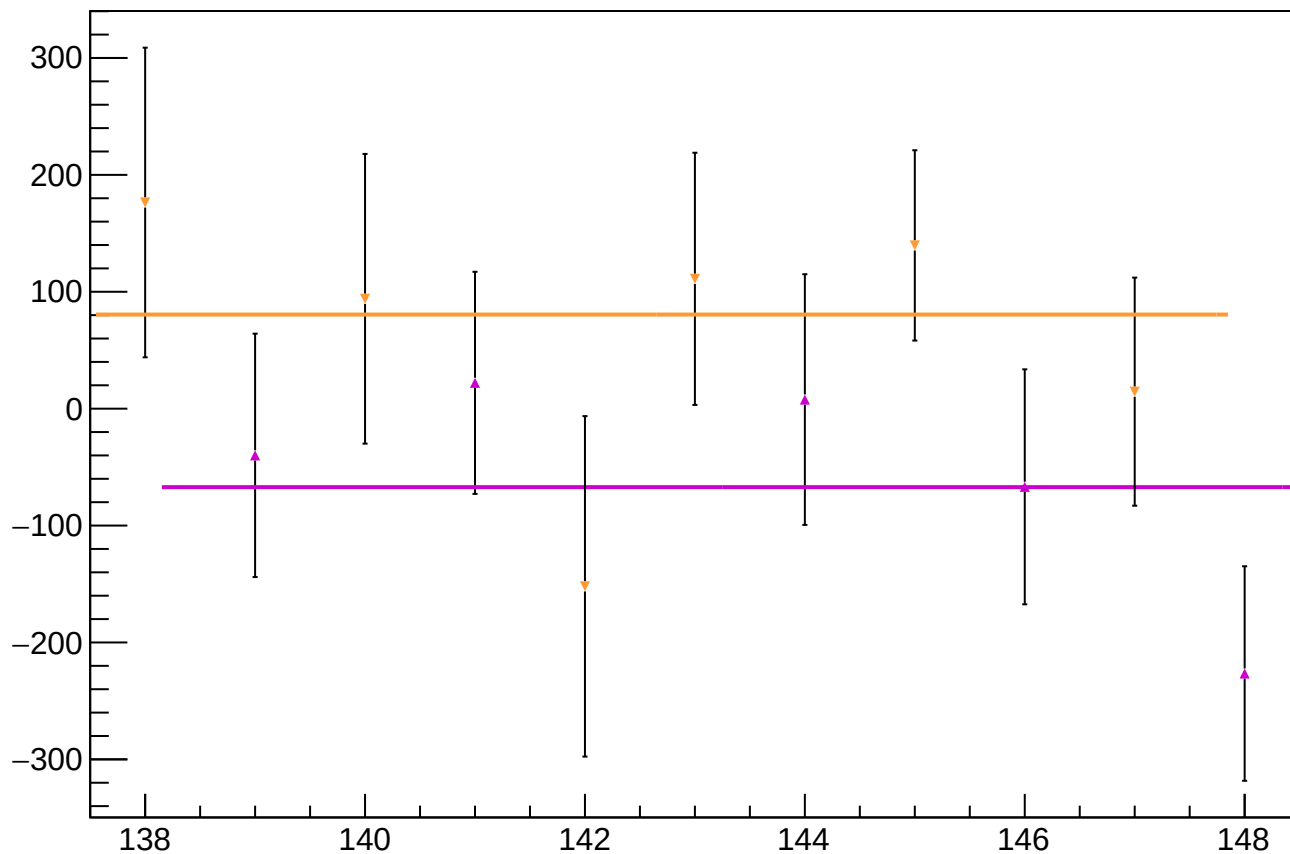
Left In: 179.062+/-0.064 χ^2/NDF : 332513.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.499+/-0.045 χ^2/NDF : 622714.1/10

- 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

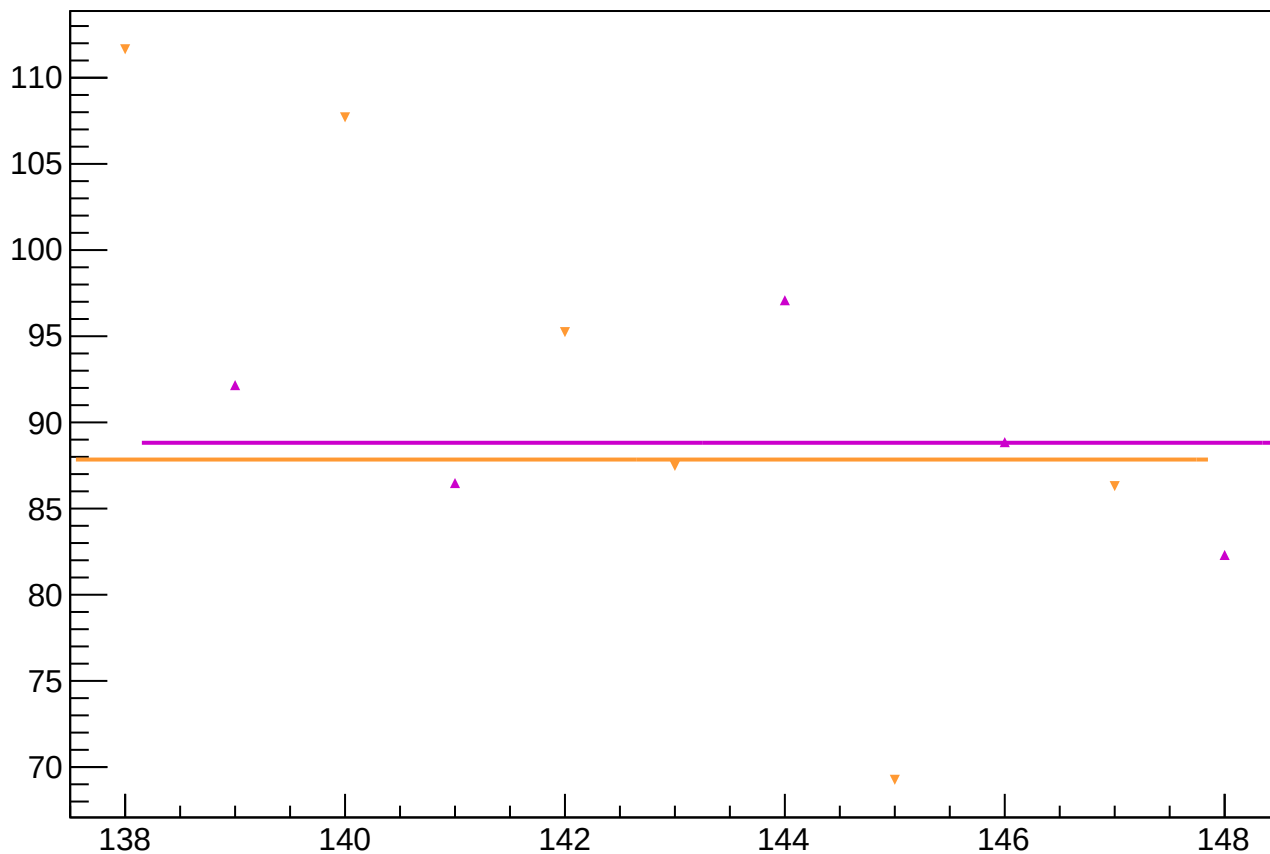
Left In: -67.128+/-44.377 χ^2/NDF : 4.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.941+/-31.327 χ^2/NDF : 14.2/10

- 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

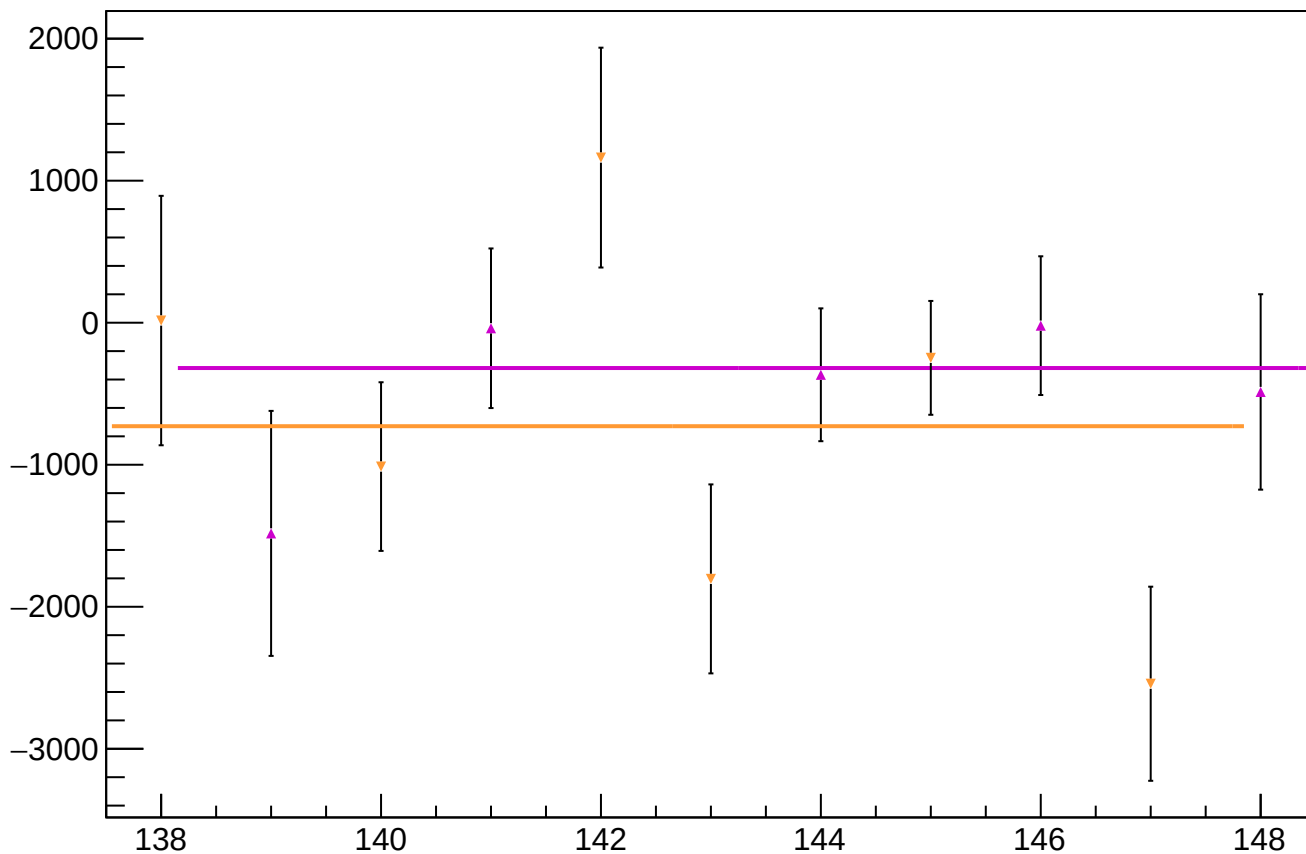
Left In: 88.818+/-0.031 χ^2/NDF : 25242.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.330+/-0.022 χ^2/NDF : 251597.8/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_mean vs Slug



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

Left Out: -728.701+/-246.708 χ^2/NDF :18.0/5

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

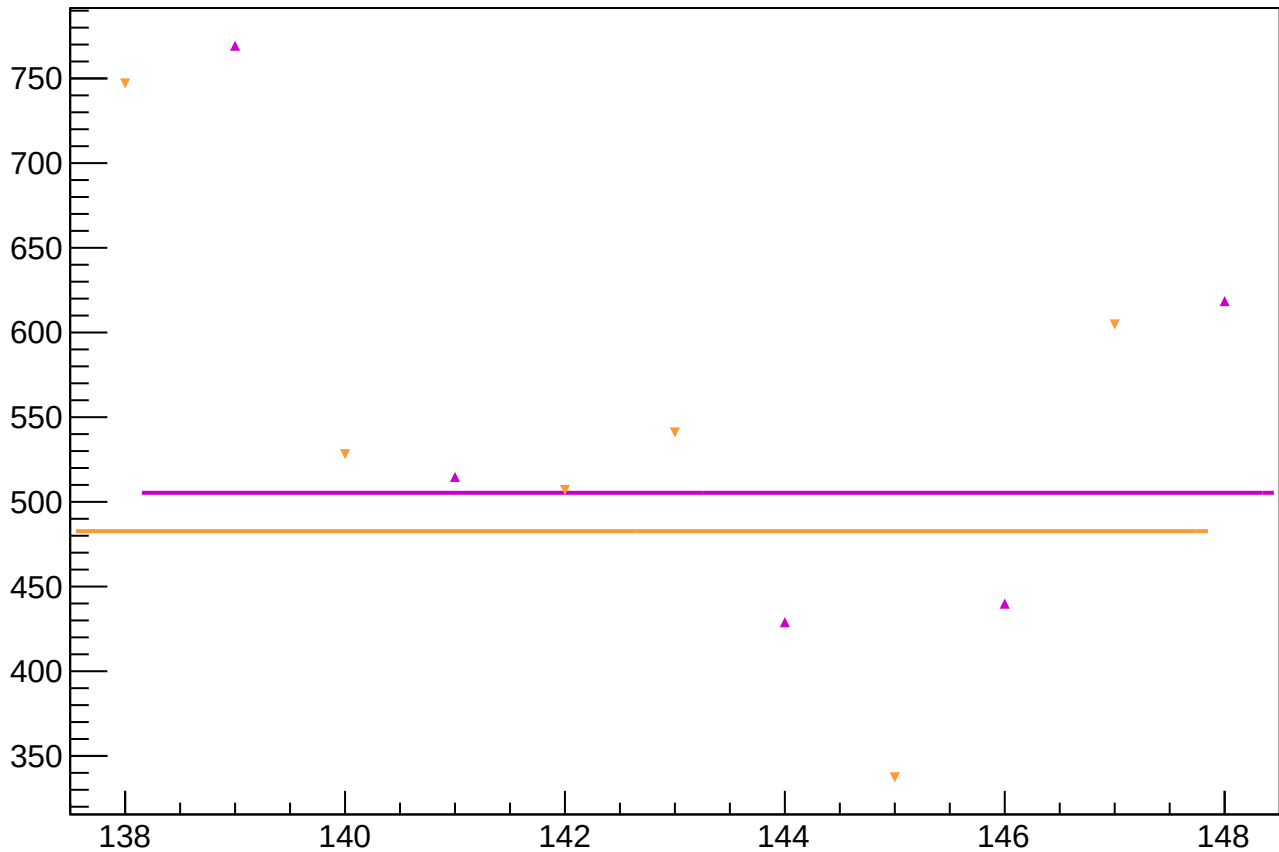
Left In: -319.092+/-254.902 χ^2/NDF :2.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -530.586+/-177.275 χ^2/NDF : 21.9/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_correction_rms vs Slug



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

Left Out: 482.729+/-0.174 χ^2/NDF : 537091.3/5

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

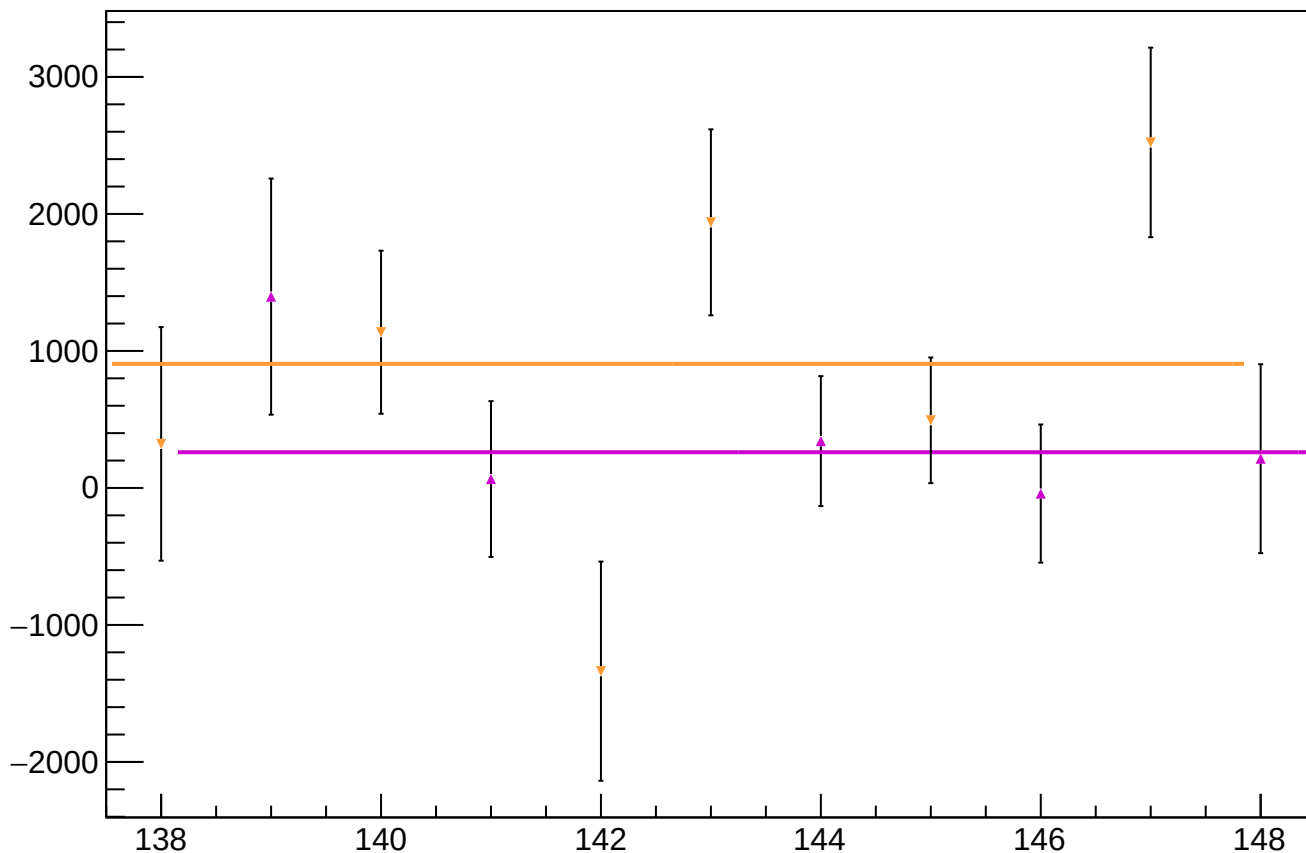
Left In: 505.358+/-0.180 χ^2/NDF : 331290.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 493.674+/-0.125 χ^2/NDF : 876519.9/10

- 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

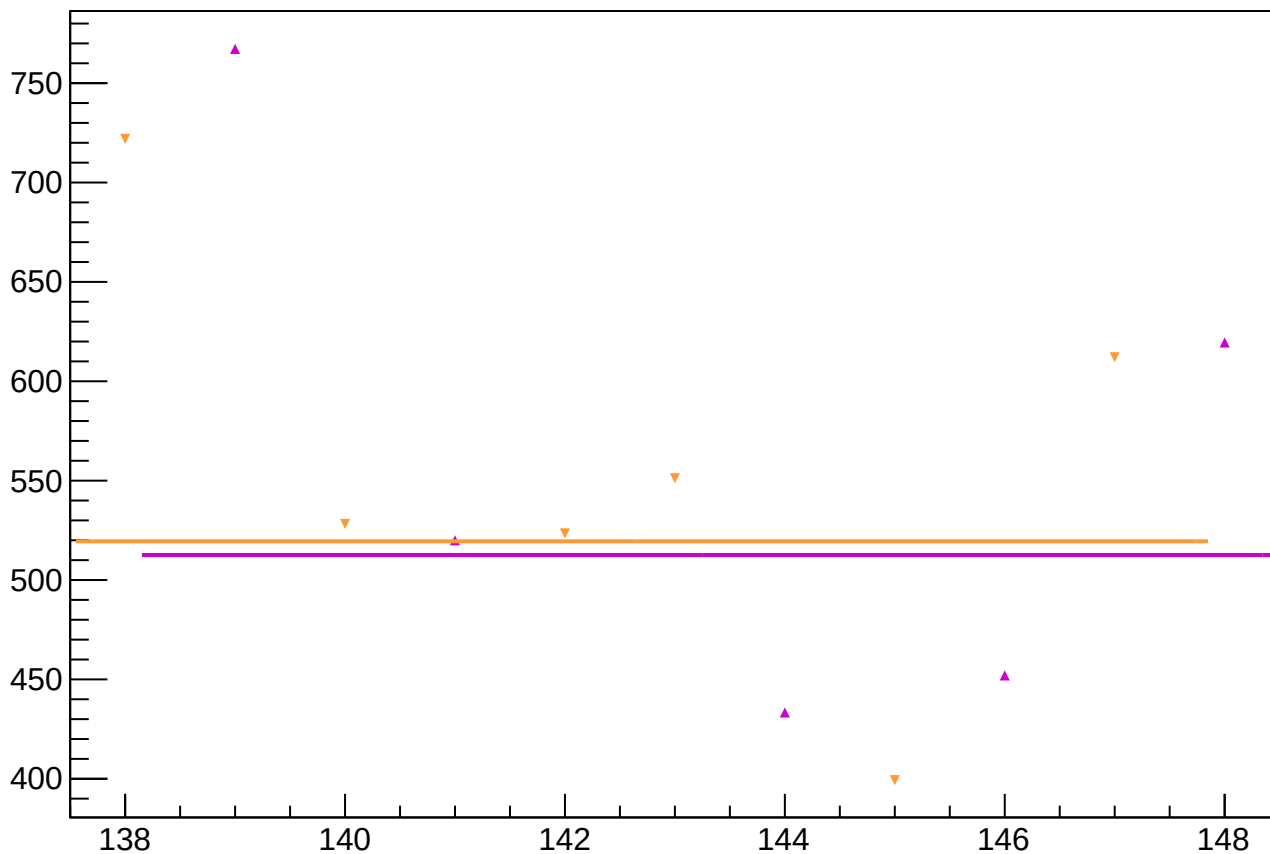
Left In: 260.579+/-258.833 χ^2/NDF : 2.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.644+/-183.470 χ^2/NDF : 22.4/10

- 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

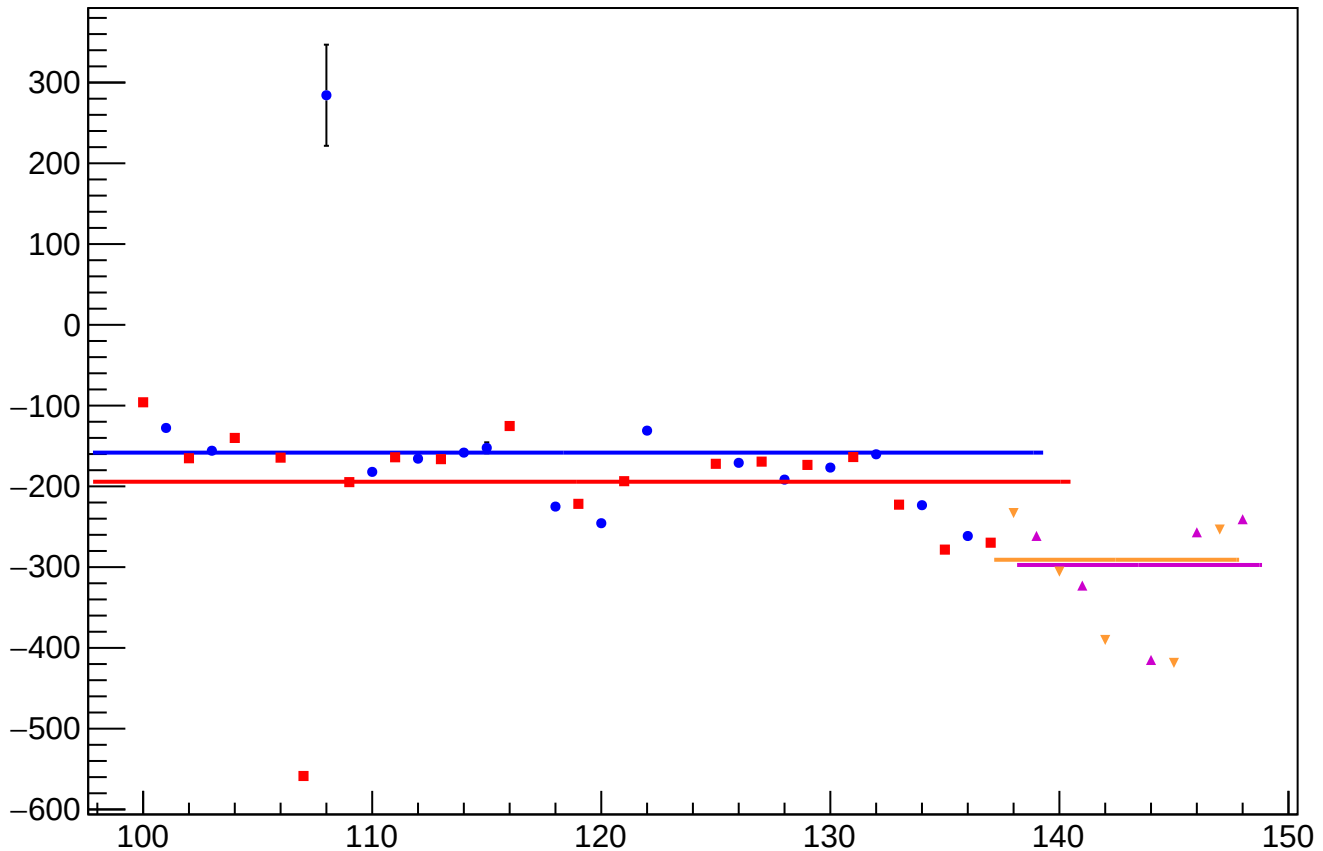
Left In: 512.590+/-0.183 χ^2/NDF : 307861.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.018+/-0.130 χ^2/NDF : 599533.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_4aX_slope vs Slug



Right In: -158.222 ± 0.000 $\chi^2/\text{NDF}: 117166.2/15$

Left Out: -290.869 ± 0.395 $\chi^2/\text{NDF}: 17302.4/4$

Right Out: -194.268 ± 0.165 $\chi^2/\text{NDF}: 176560.4/17$

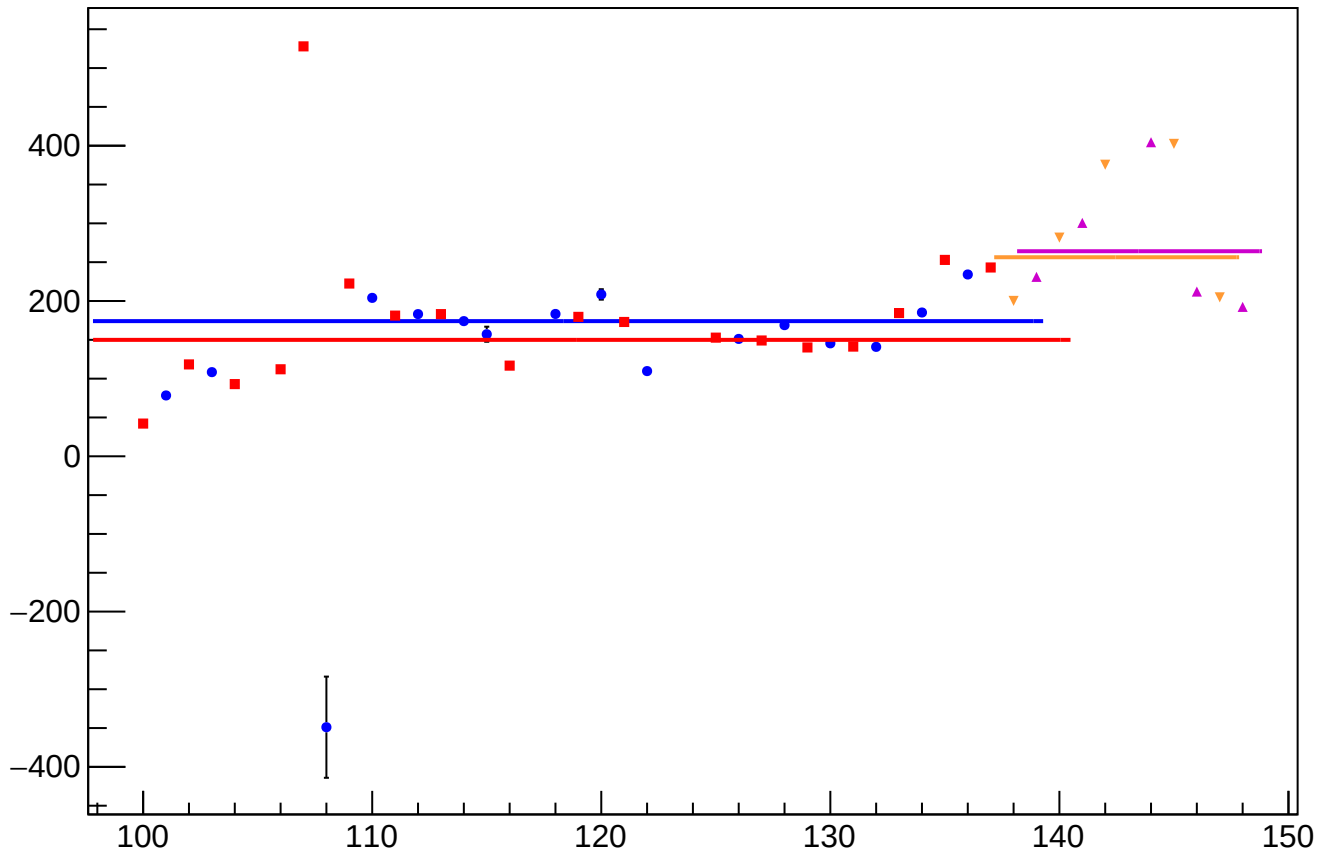
Left In: -297.324 ± 0.304 $\chi^2/\text{NDF}: 26772.0/4$

+ sign -158.222 ± 0.000 $\chi^2/\text{NDF}: 247416.5/20$

All: -158.222 ± 0.000 $\chi^2/\text{NDF}: 707112.6/43$

- sign -217.694 ± 0.145 $\chi^2/\text{NDF}: 291853.7/22$

dit_usl_4eX_slope vs Slug



Right In: 174.085+/-0.000 χ^2/NDF : 53377.4/15

Left Out: 256.349+/-0.420 χ^2/NDF : 20484.3/4

Right Out: 149.948+/-0.196 χ^2/NDF : 167846.4/17

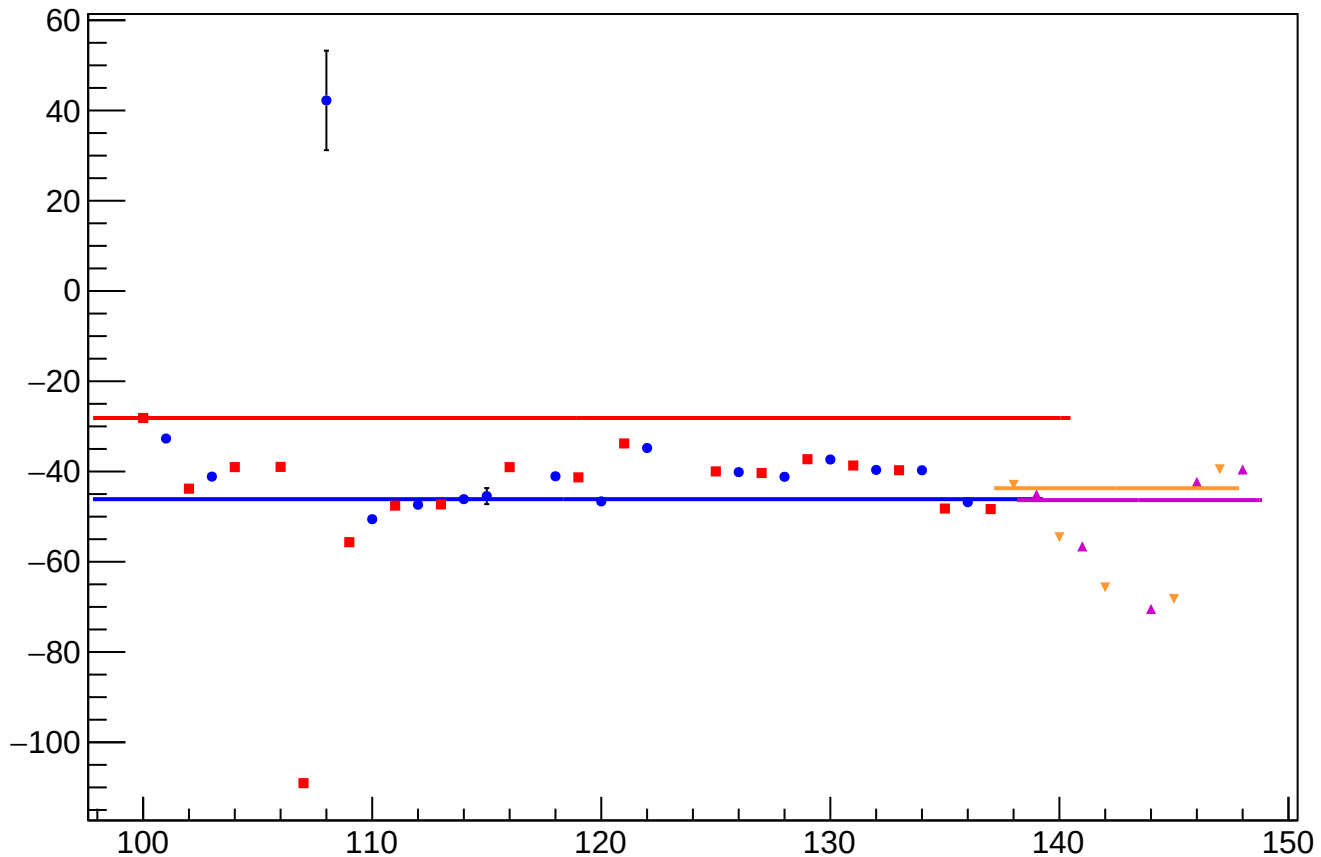
Left In: 264.107+/-0.321 χ^2/NDF : 35340.8/4

+ sign 174.085+/-0.000 χ^2/NDF : 112314.9/20

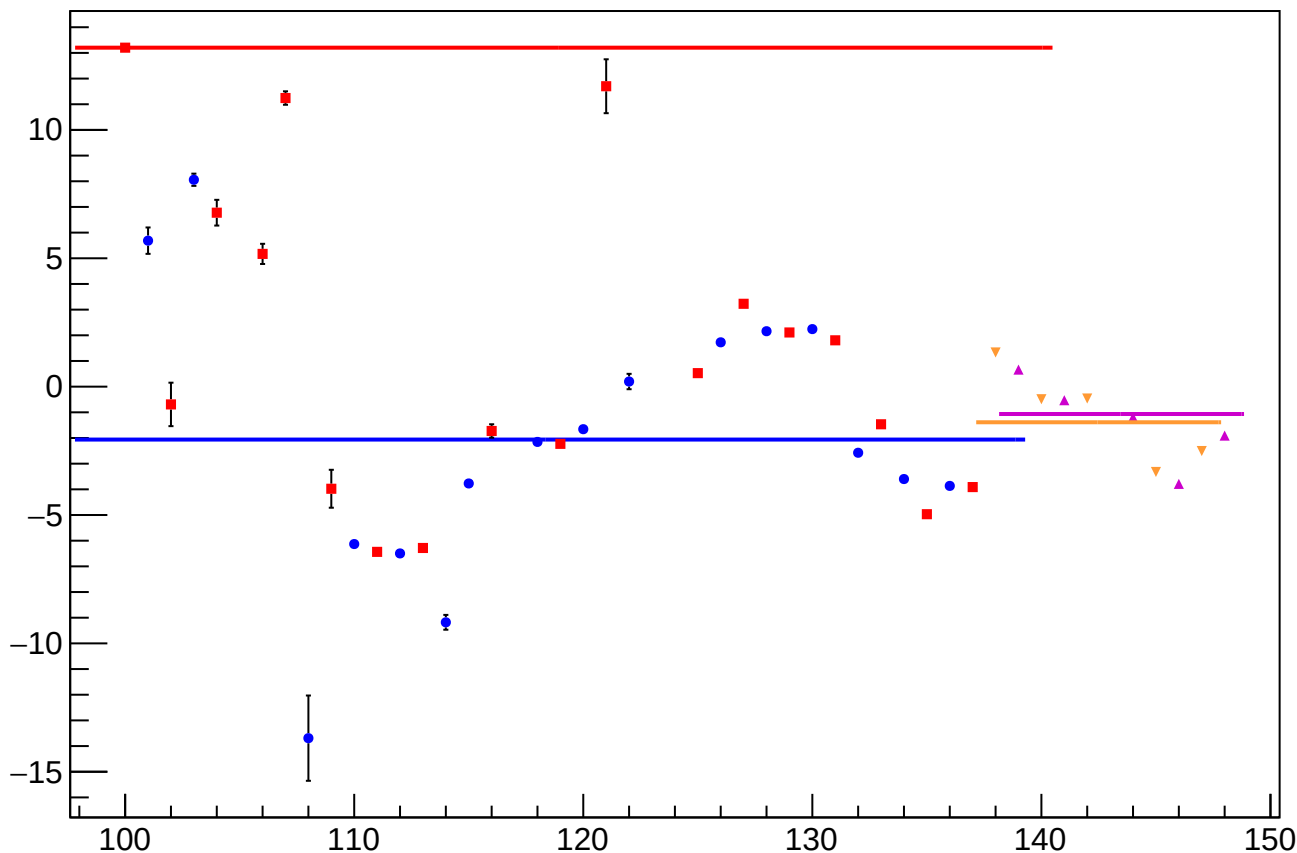
All: 174.085+/-0.000 χ^2/NDF : 409507.7/43

- sign 180.879+/-0.167 χ^2/NDF : 295536.7/22

dit_usl_11X12X_slope vs Slug



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

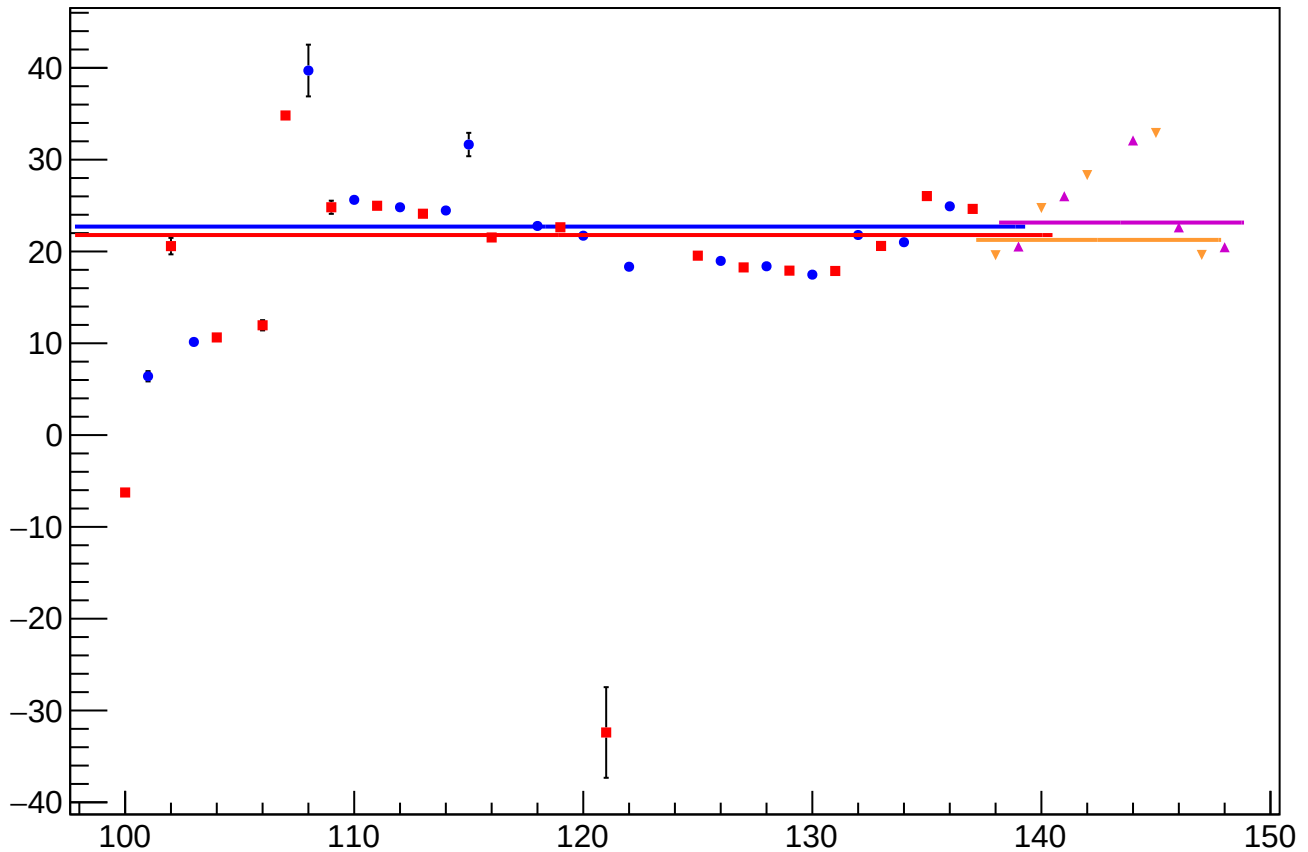
Left In: -1.065 ± 0.018 χ^2/NDF : 5140.8/4

+ sign -1.717 ± 0.012 χ^2/NDF : 32804.0/20

All: 13.204 ± 0.000 χ^2/NDF : 2612269.2/43

- sign 13.204 ± 0.000 χ^2/NDF : 1149076.1/22

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

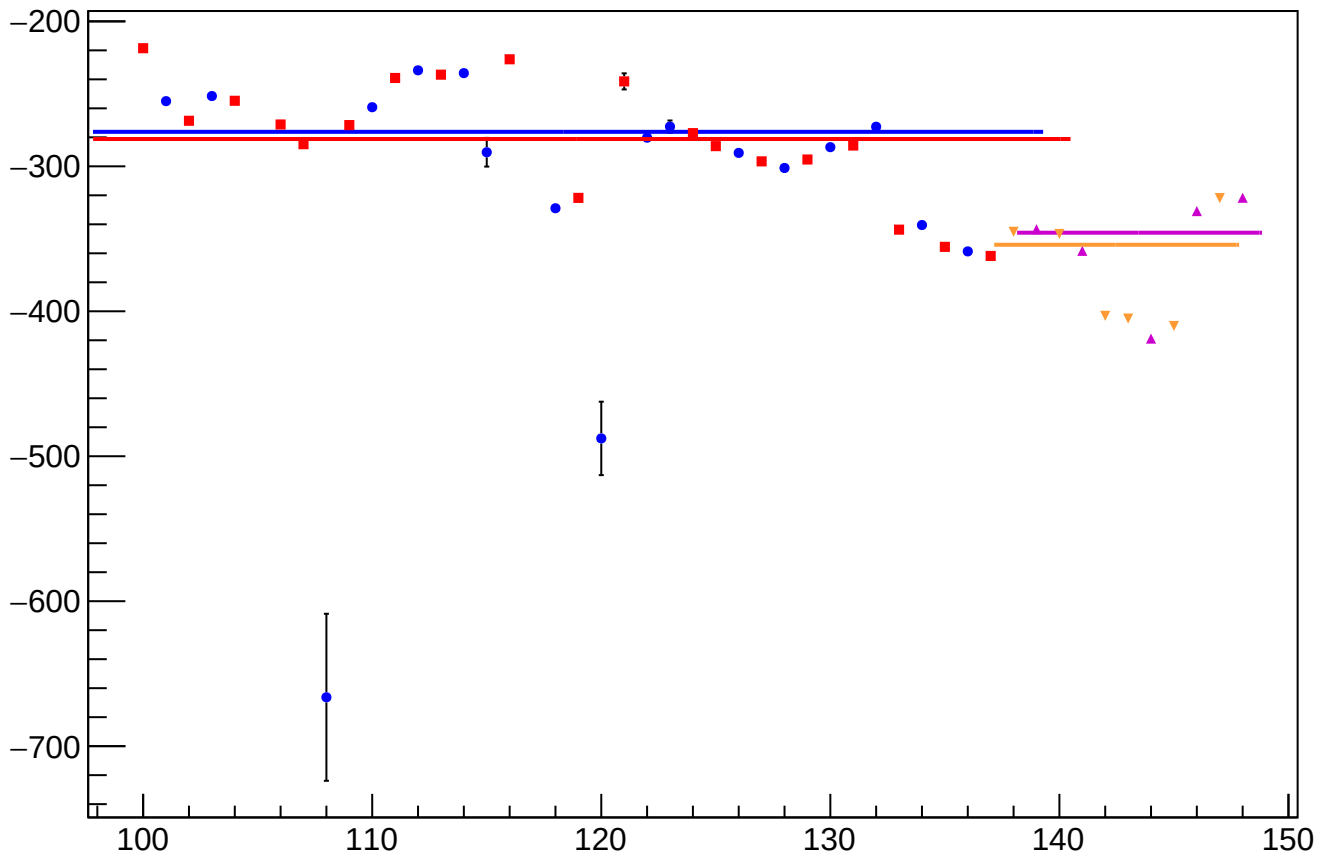
Left In: 23.149 $\pm$ 0.028 χ^2 /NDF:13836.2/4

+ sign 22.285 $\pm$ 0.016 χ^2 /NDF: 35806.8/20

All: 22.288 $\pm$ 0.012 χ^2 /NDF: 77785.8/43

- sign 22.292 $\pm$ 0.017 χ^2 /NDF: 41979.0/22

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

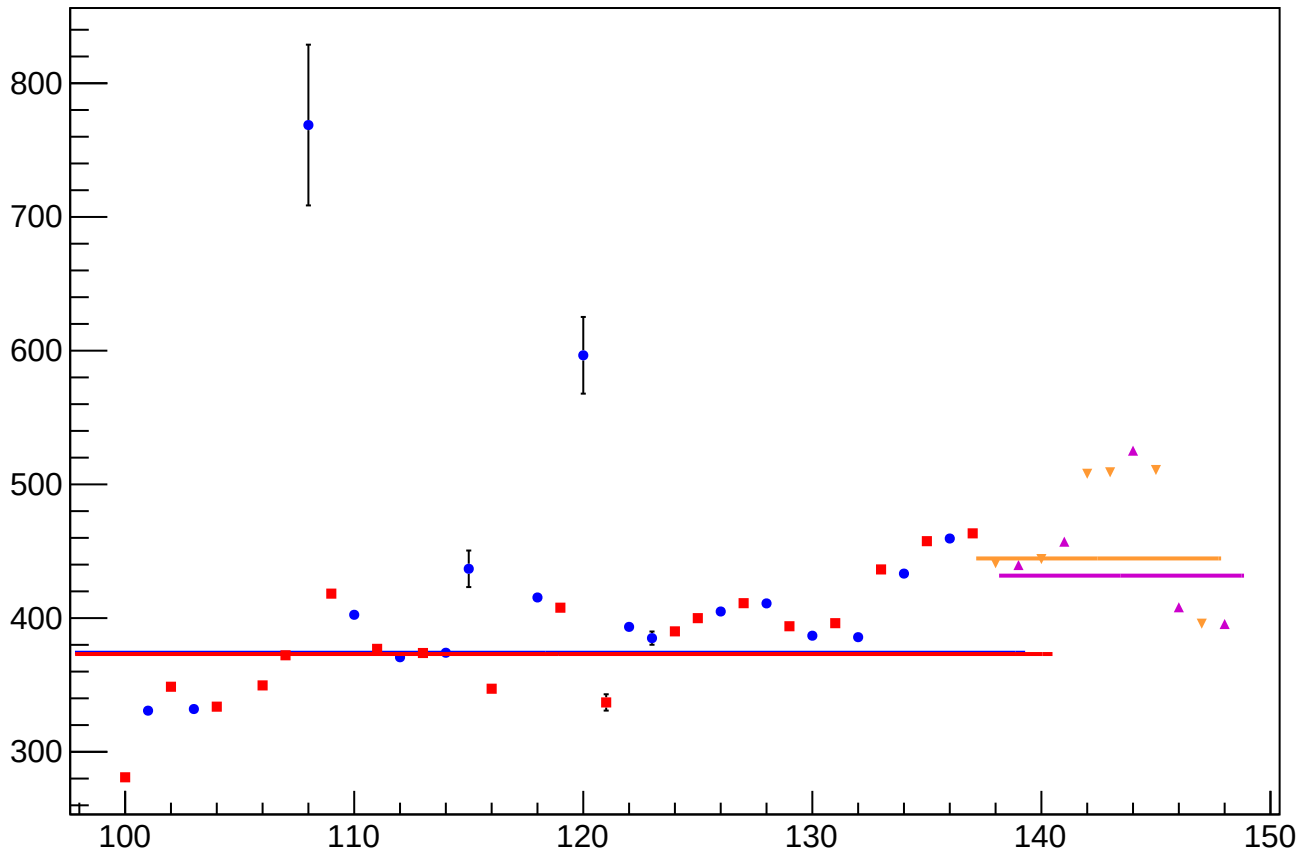
Left In: -345.791 $\pm$ 0.185 χ^2 /NDF:21062.8/4

+ sign -299.531 $\pm$ 0.139 χ^2 /NDF: 137781.5/22

All: -303.558 $\pm$ 0.089 χ^2 /NDF: 312571.3/46

- sign -306.313 $\pm$ 0.115 χ^2 /NDF: 173384.5/23

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

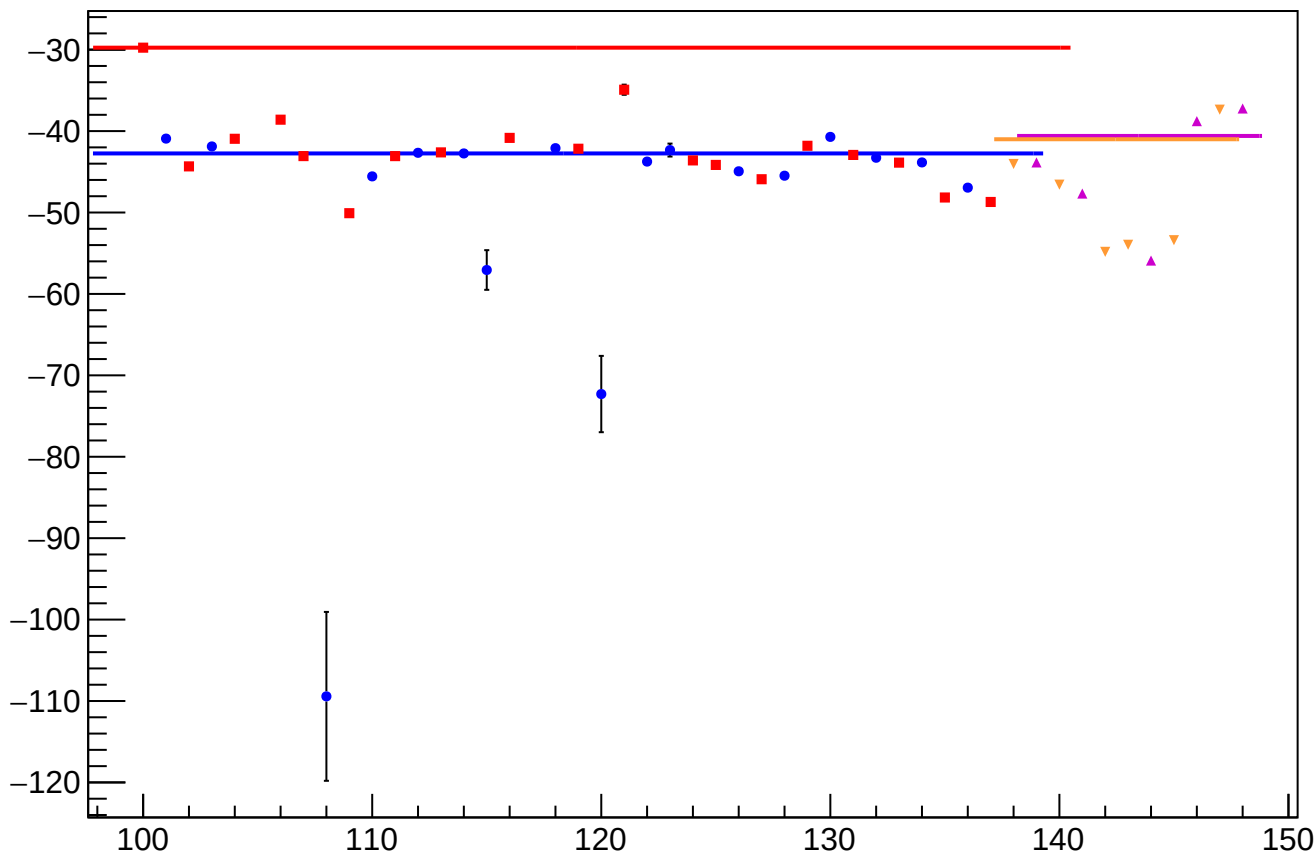
Left In: 431.757 $\pm$ 0.191 χ^2/NDF : 35033.3/4

+ sign 374.094 $\pm$ 0.000 χ^2/NDF : 128962.9/22

All: 374.094 $\pm$ 0.000 χ^2/NDF : 362986.5/46

- sign 396.878 $\pm$ 0.122 χ^2/NDF : 199047.9/23

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

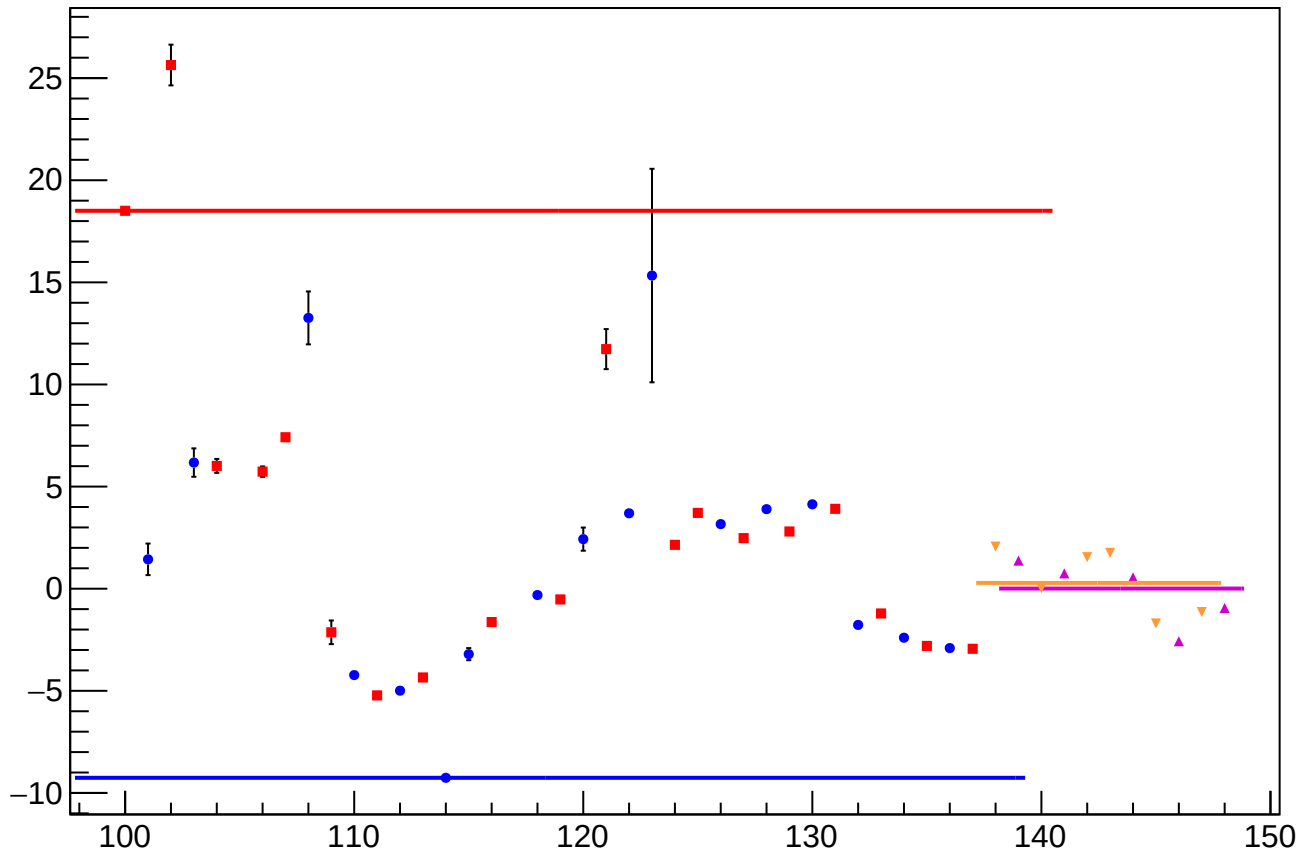
Left In: -40.595 $\pm$ 0.014 χ^2 /NDF:98380.9/4

+ 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: 1206809.1/23

dit_usr_4aY_slope vs Slug



Right In: -9.259 ± 0.000 $\chi^2/\text{NDF}: 405850.5/16$

Left Out: 0.284 ± 0.015 $\chi^2/\text{NDF}: 7097.4/5$

Right Out: 18.504 ± 0.000 $\chi^2/\text{NDF}: 7366781.0/18$

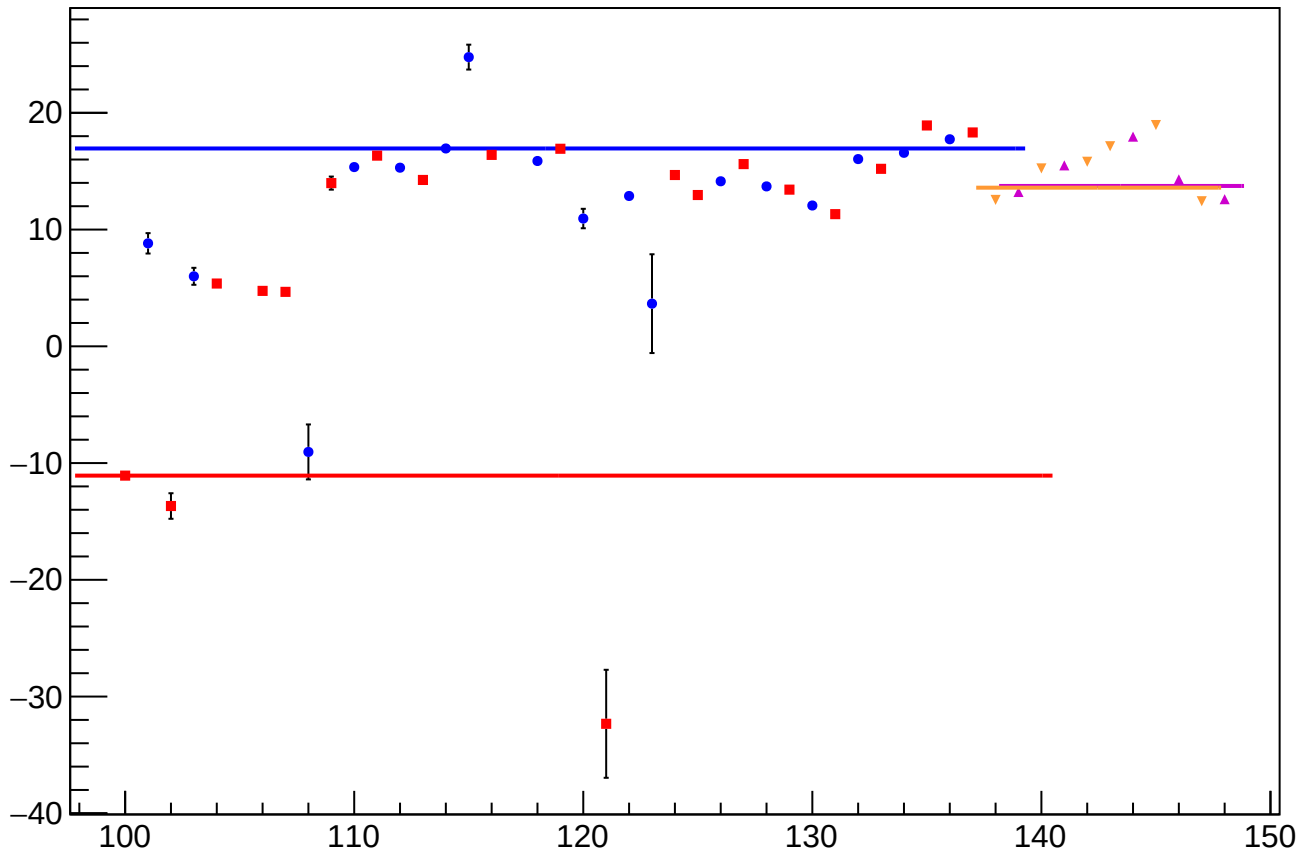
Left In: 0.007 ± 0.015 $\chi^2/\text{NDF}: 6158.8/4$

+ sign -9.259 ± 0.000 $\chi^2/\text{NDF}: 808835.5/22$

All: 6.039 ± 0.000 $\chi^2/\text{NDF}: 1645057450595$

- sign 18.504 ± 0.000 $\chi^2/\text{NDF}: 8901370.3/23$

dit_usr_4eY_slope vs Slug



Right In: 16.947 $\pm$ 0.000 χ^2 /NDF: 11231.8/16

Left Out: 13.588 $\pm$ 0.016 χ^2 /NDF:11620.3/5

Right Out: -11.075 $\pm$ 0.000 χ^2 /NDF: 2712010.0/18

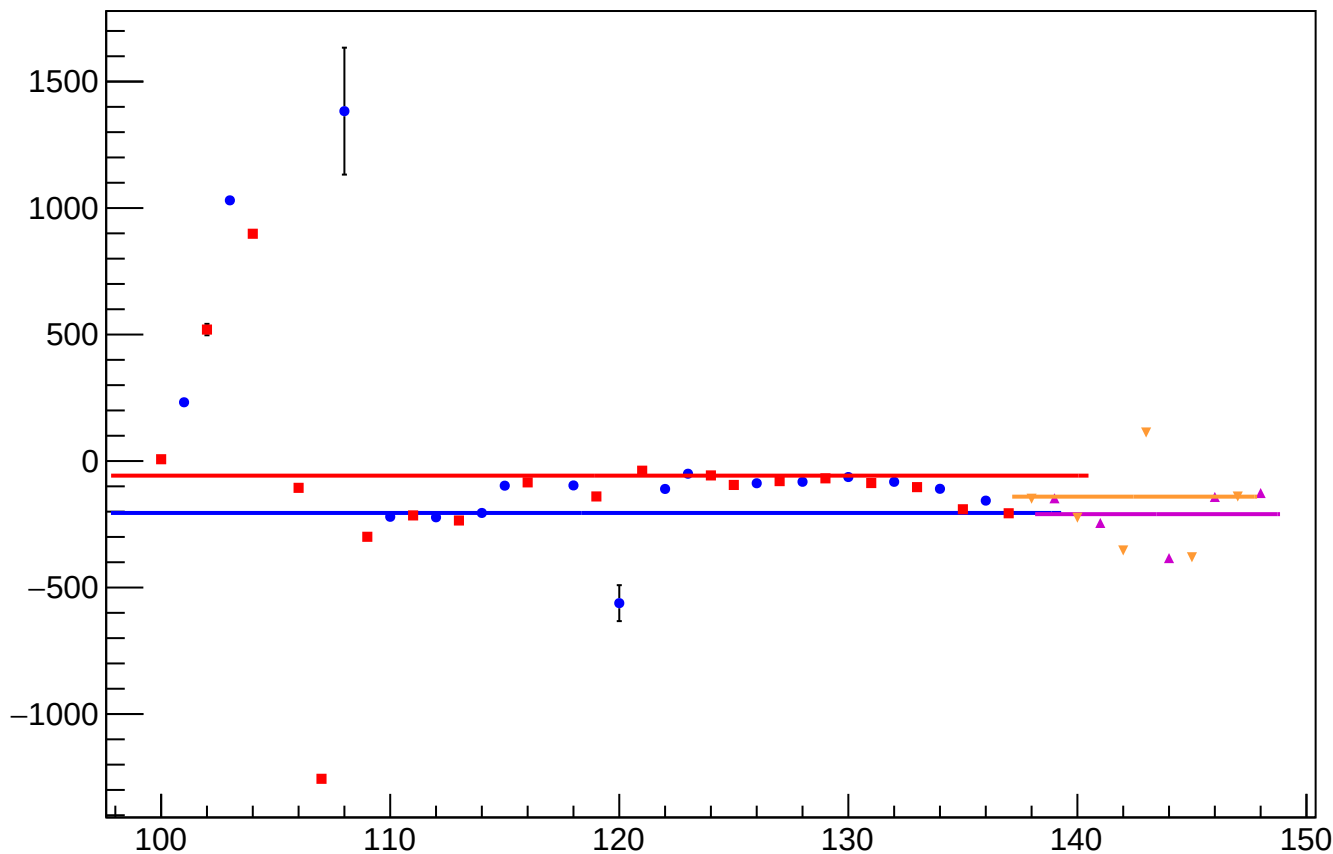
Left In: 13.736 $\pm$ 0.019 χ^2 /NDF:6262.6/4

+ sign 16.947 $\pm$ 0.000 χ^2 /NDF: 68523.4/22

All: -2.268 $\pm$ 0.000 χ^2 /NDF: 4692527454635

- sign -11.075 $\pm$ 0.000 χ^2 /NDF: 4460622.8/23

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

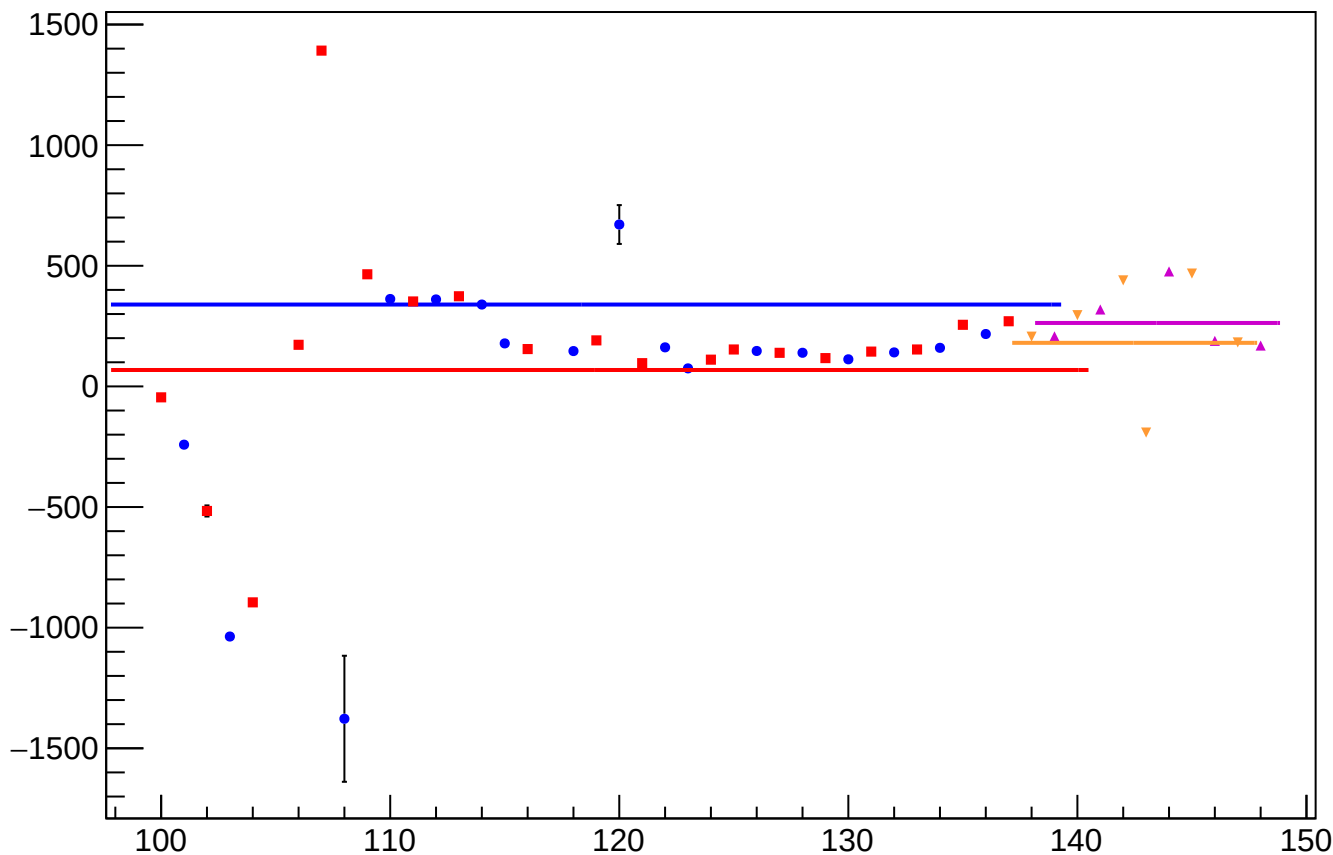
Left In: -209.895 ± 0.584 χ^2/NDF : 25804.7/4

+ sign -205.160 ± 0.000 χ^2/NDF : 641852.8/22

All: -205.160 ± 0.000 χ^2/NDF : 1053469.9/46

- sign -86.687 ± 0.255 χ^2/NDF : 195644.3/23

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

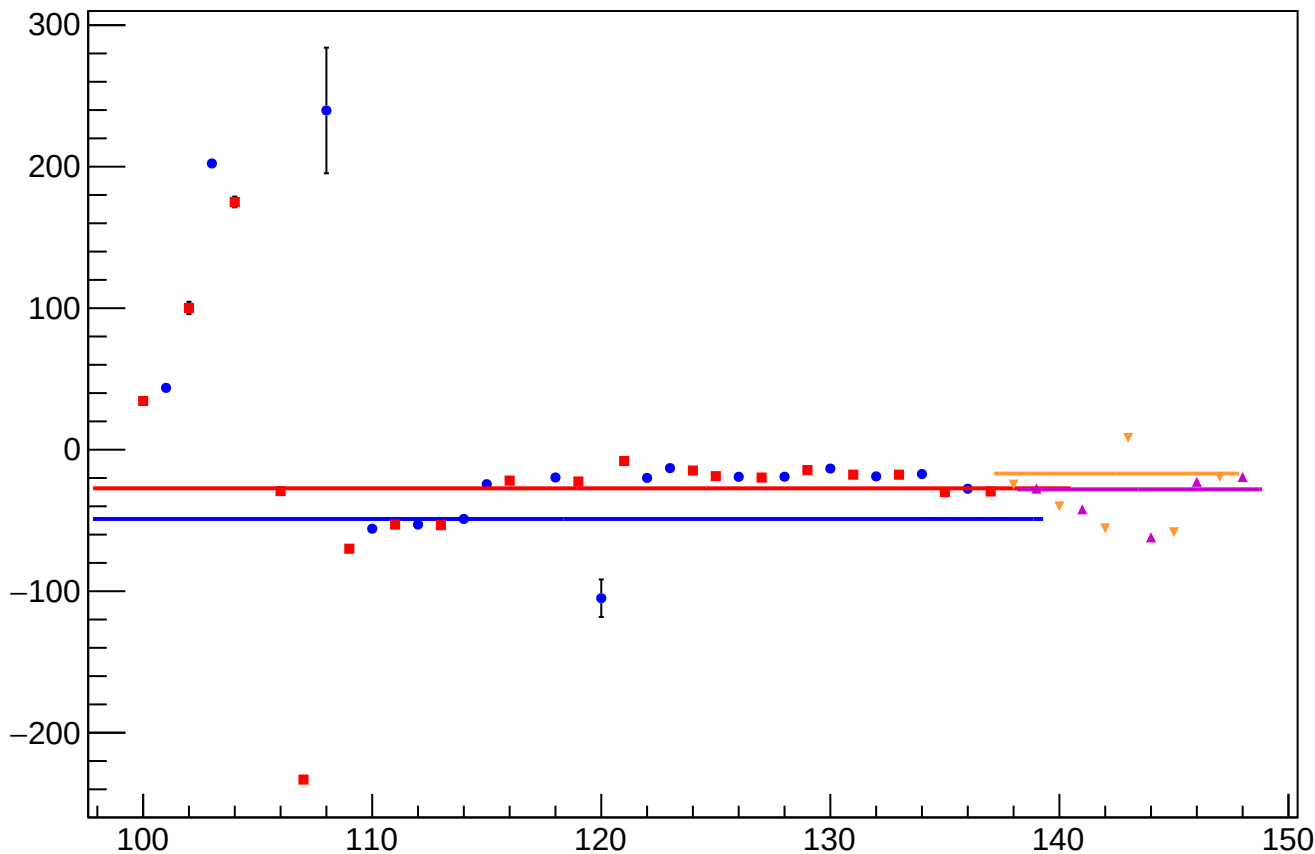
Left In: 262.973+/-0.611 χ^2/NDF : 30207.9/4

+ sign 339.325+/-0.000 χ^2/NDF : 1210302.3/22

All: 339.325+/-0.000 χ^2/NDF : 2427809.9/46

- sign 103.083+/-0.259 χ^2/NDF : 386052.2/23

dit_atl1_11X12X_slope vs Slug



Right In: -48.945 ± 0.000 χ^2/NDF : 5408370.4/16

Left Out: -16.895 ± 0.021 χ^2/NDF : 527785.7/5

Right Out: -27.303 ± 0.052 χ^2/NDF : 167879.9/18

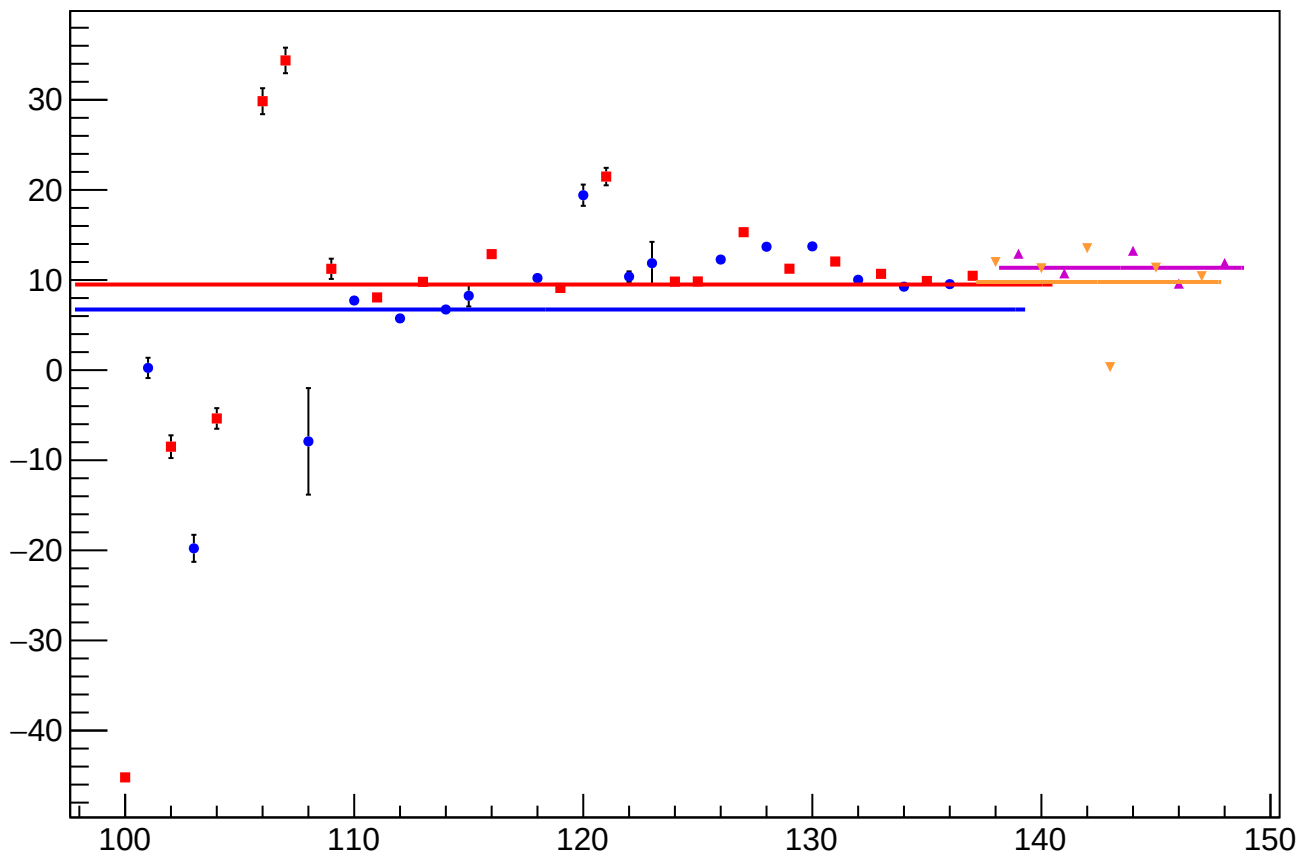
Left In: -28.000 ± 0.040 χ^2/NDF : 85372.6/4

+ sign -48.945 ± 0.000 χ^2/NDF : 8304362.0/22

All: -48.945 ± 0.000 χ^2/NDF : 9006661.0/46

- sign -27.739 ± 0.032 χ^2/NDF : 253366.2/23

dit_atl1_4aY_slope vs Slug



Right In: 6.728 $\pm$ 0.000 χ^2 /NDF: 13749.2/16

Left Out: 9.784 $\pm$ 0.029 χ^2 /NDF: 20554.4/5

Right Out: 9.502 $\pm$ 0.036 χ^2 /NDF: 26822.1/18

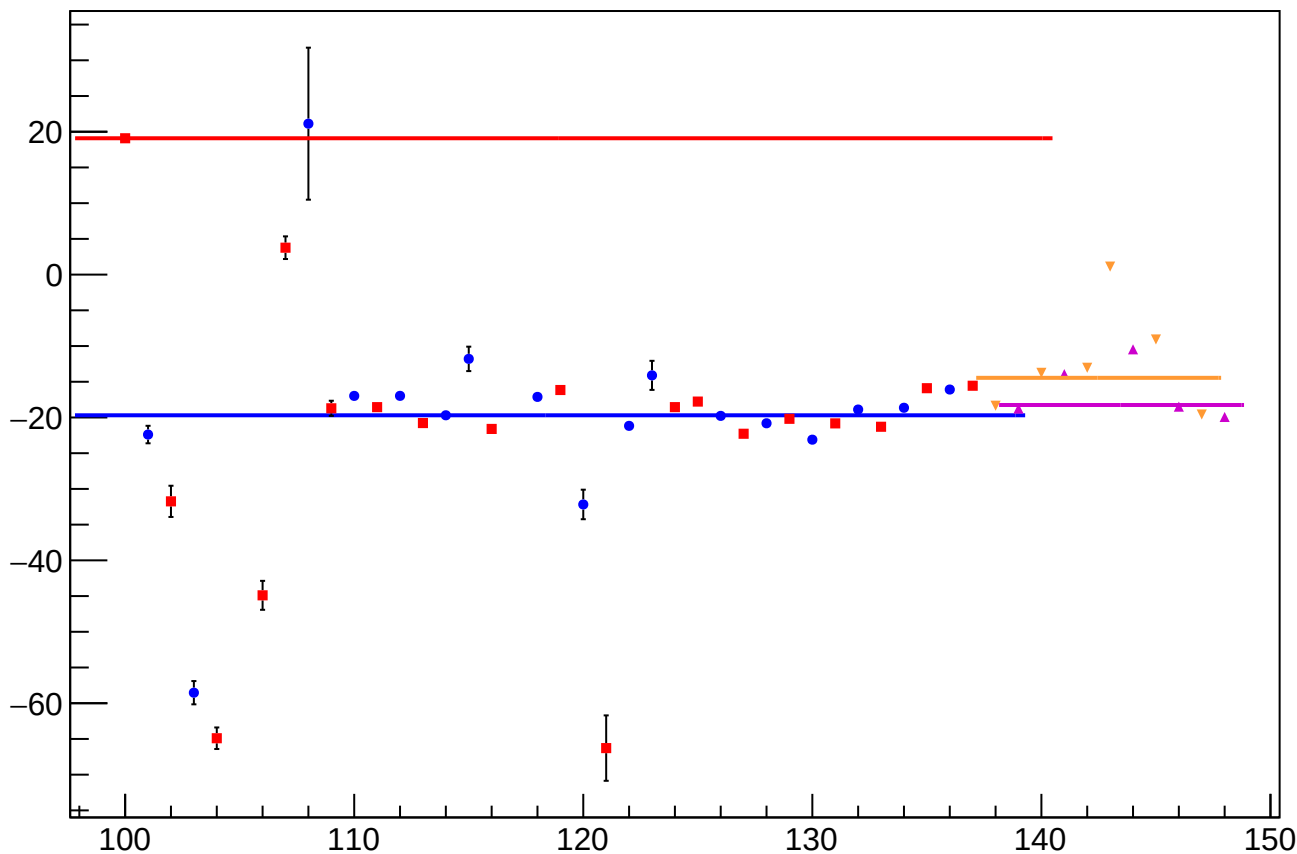
Left In: 11.360 $\pm$ 0.029 χ^2 /NDF: 2157.8/4

+ sign 6.728 $\pm$ 0.000 χ^2 /NDF: 45226.5/22

All: 6.728 $\pm$ 0.000 χ^2 /NDF: 106243.1/46

- sign 10.627 $\pm$ 0.022 χ^2 /NDF: 30627.7/23

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

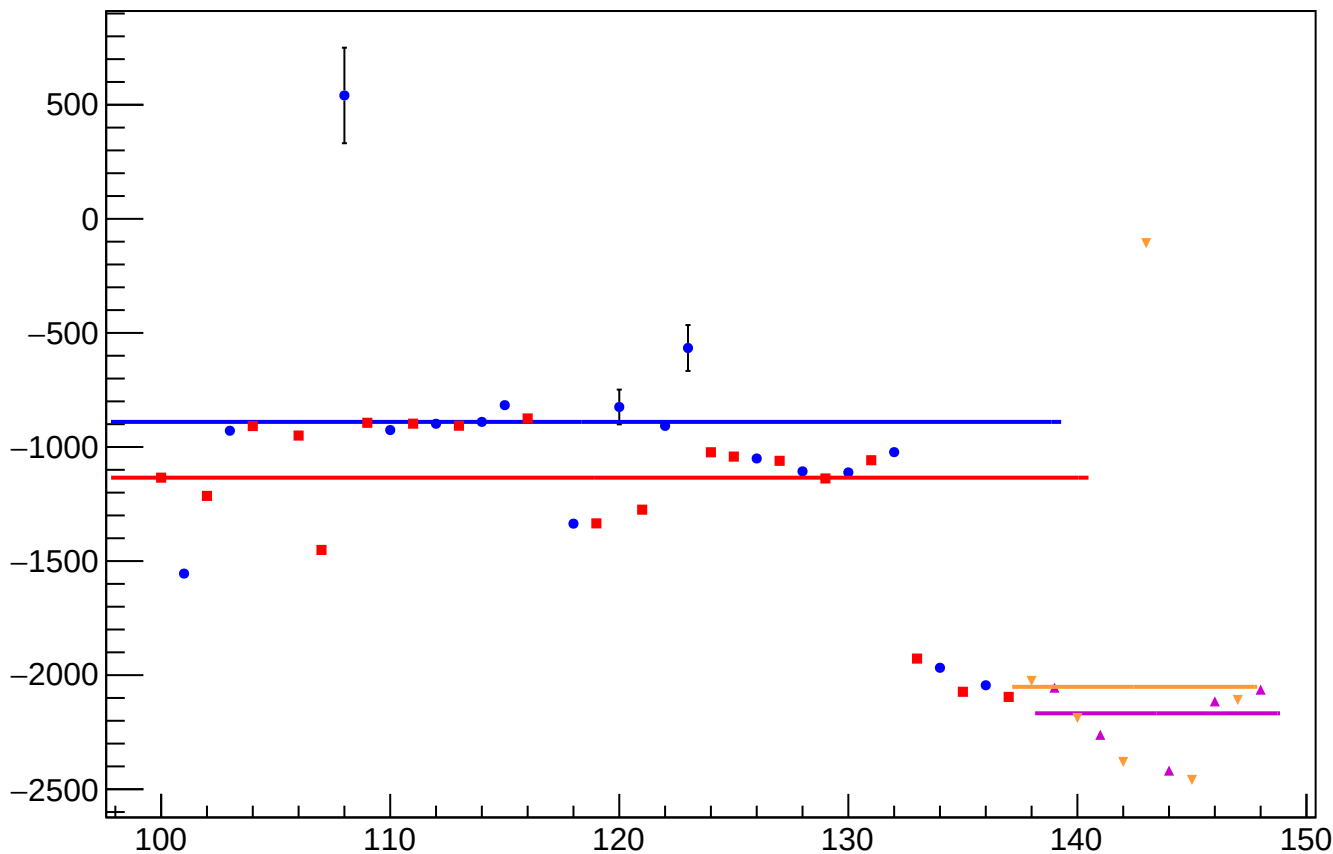
Left In: -18.252 ± 0.035 χ^2/NDF : 4729.0/4

+ 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 : 1771559.4/23

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

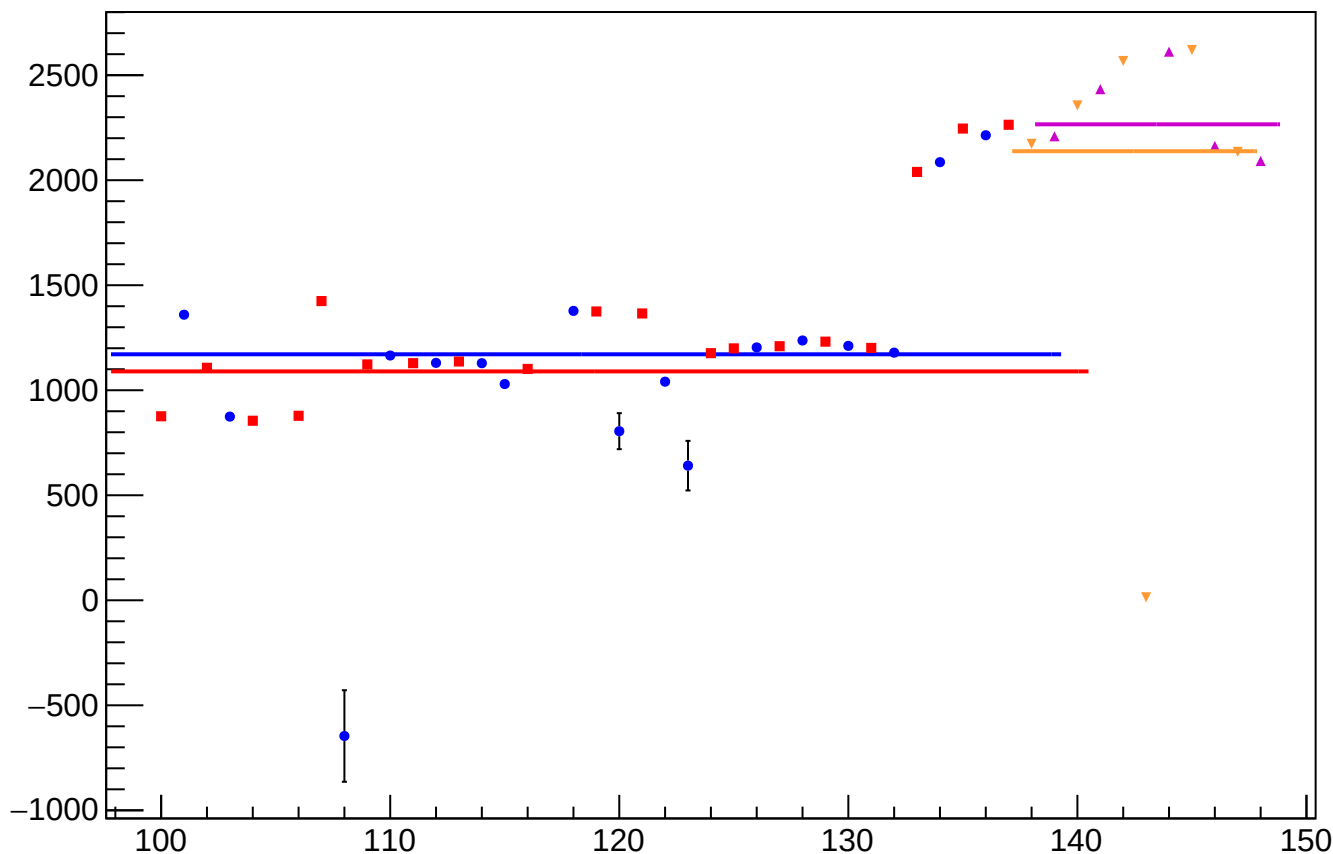
Left In: -2167.253+/-0.857 χ^2/NDF :26465.6/4

+ 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 : 2211102.4/23

dit_atl2_4eX_slope vs Slug



Right In: 1171.188 ± 0.245 $\chi^2/\text{NDF}: 508989.2/16$

Left Out: 2138.092 ± 1.059 $\chi^2/\text{NDF}: 295444.7/5$

Right Out: 1089.705 ± 0.253 $\chi^2/\text{NDF}: 1100321.6/18$

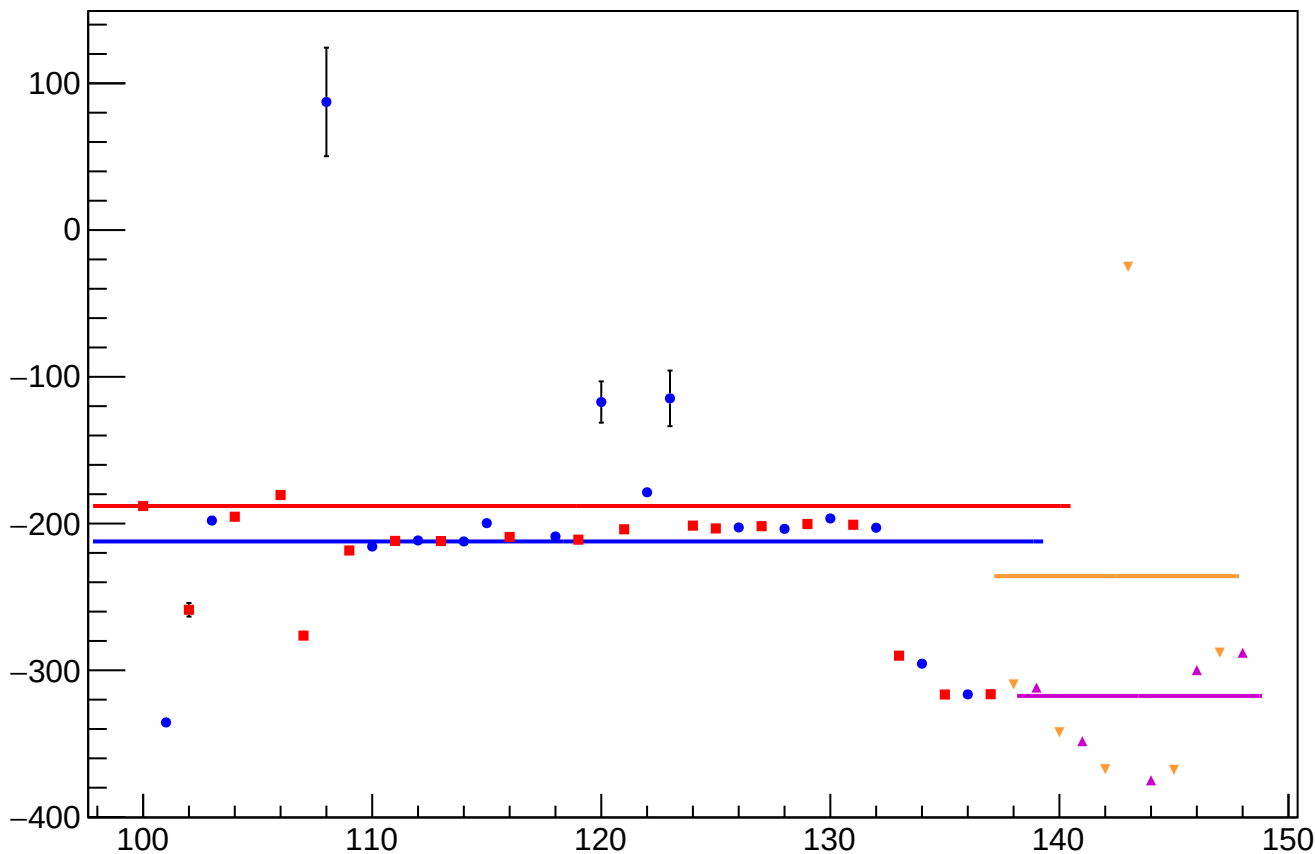
Left In: 2266.072 ± 0.909 $\chi^2/\text{NDF}: 41636.0/4$

+ sign 1220.429 ± 0.239 $\chi^2/\text{NDF}: 1595217.2/22$

All: 1197.944 ± 0.171 $\chi^2/\text{NDF}: 4307968.8/46$

- sign 1174.489 ± 0.244 $\chi^2/\text{NDF}: 2694674.2/23$

dit_atl2_11X12X_slope vs Slug



Right In: -212.190+/-0.000 χ^2/NDF : 1149195.1/16

Left Out: -235.843+/-0.057 χ^2/NDF : 4967738.9/5

Right Out: -188.033+/-0.000 χ^2/NDF : 602264.3/18

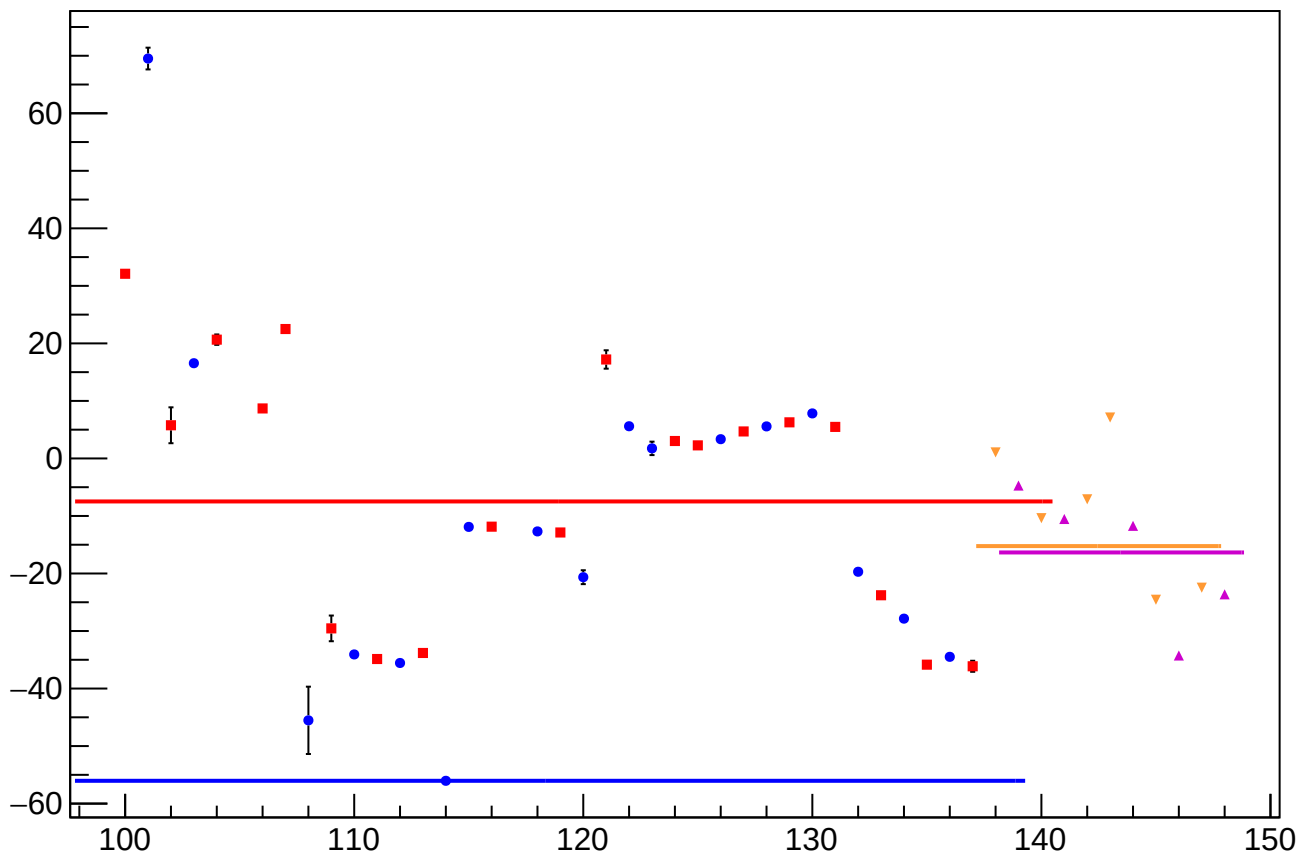
Left In: -317.447+/-0.072 χ^2/NDF : 168854.3/4

+ sign -212.190+/-0.000 χ^2/NDF : 6286331.4/22

All: -195.625+/-0.000 χ^2/NDF : 13622303625

- sign -188.033+/-0.000 χ^2/NDF : 3993266.3/23

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

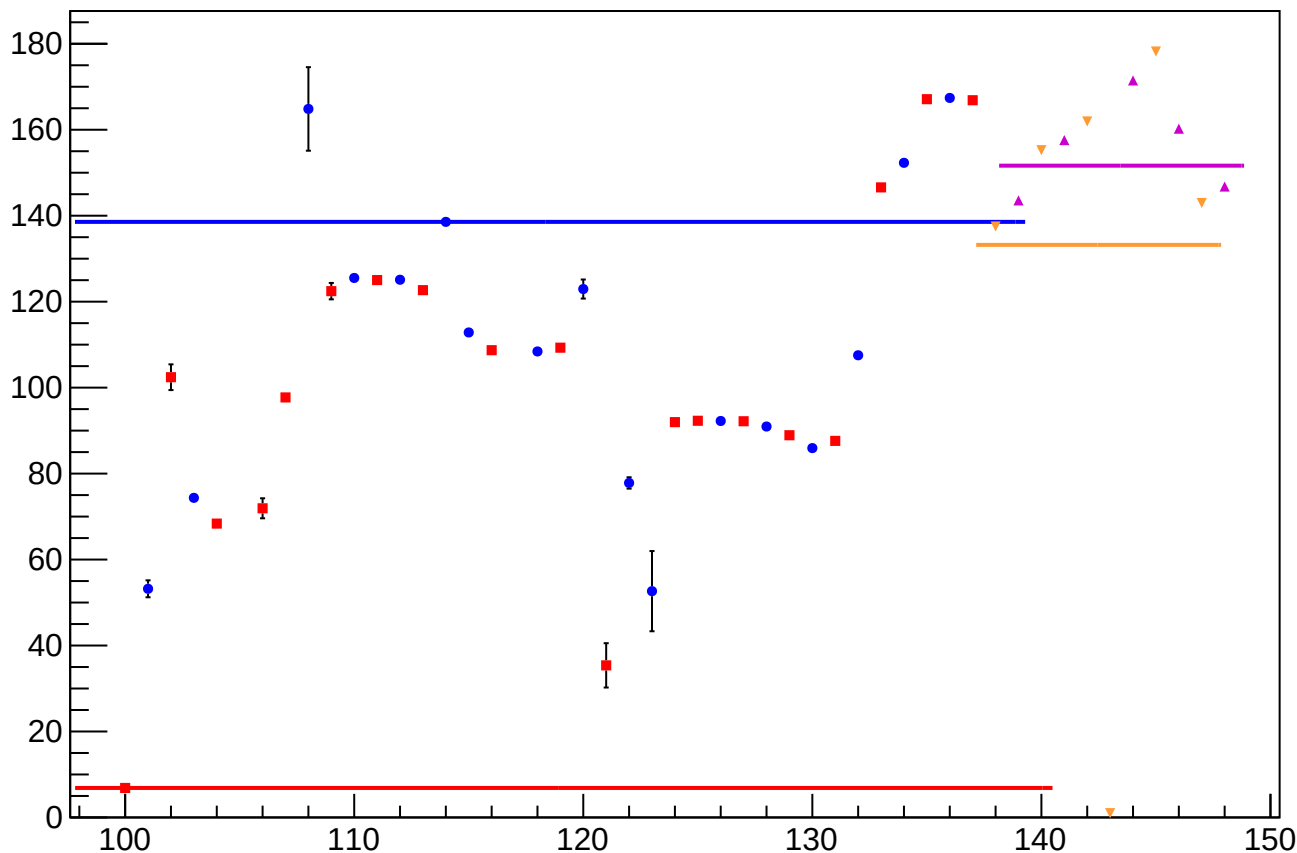
Left In: -16.343+/-0.055 χ^2/NDF : 19824.9/4

+ sign -56.037+/-0.000 χ^2/NDF : 2114780.8/22

All: -56.037+/-0.000 χ^2/NDF : 4148652.9/46

- sign -10.735+/-0.034 χ^2/NDF : 209957.8/23

dit_atl2_4eY_slope vs Slug



Right In: 138.565 $\pm$ 0.000 χ^2 /NDF: 901159.7/16

Left Out: 133.212 $\pm$ 0.082 χ^2 /NDF:287681.4/5

Right Out: 6.866 $\pm$ 0.000 χ^2 /NDF: 8047391.7/18

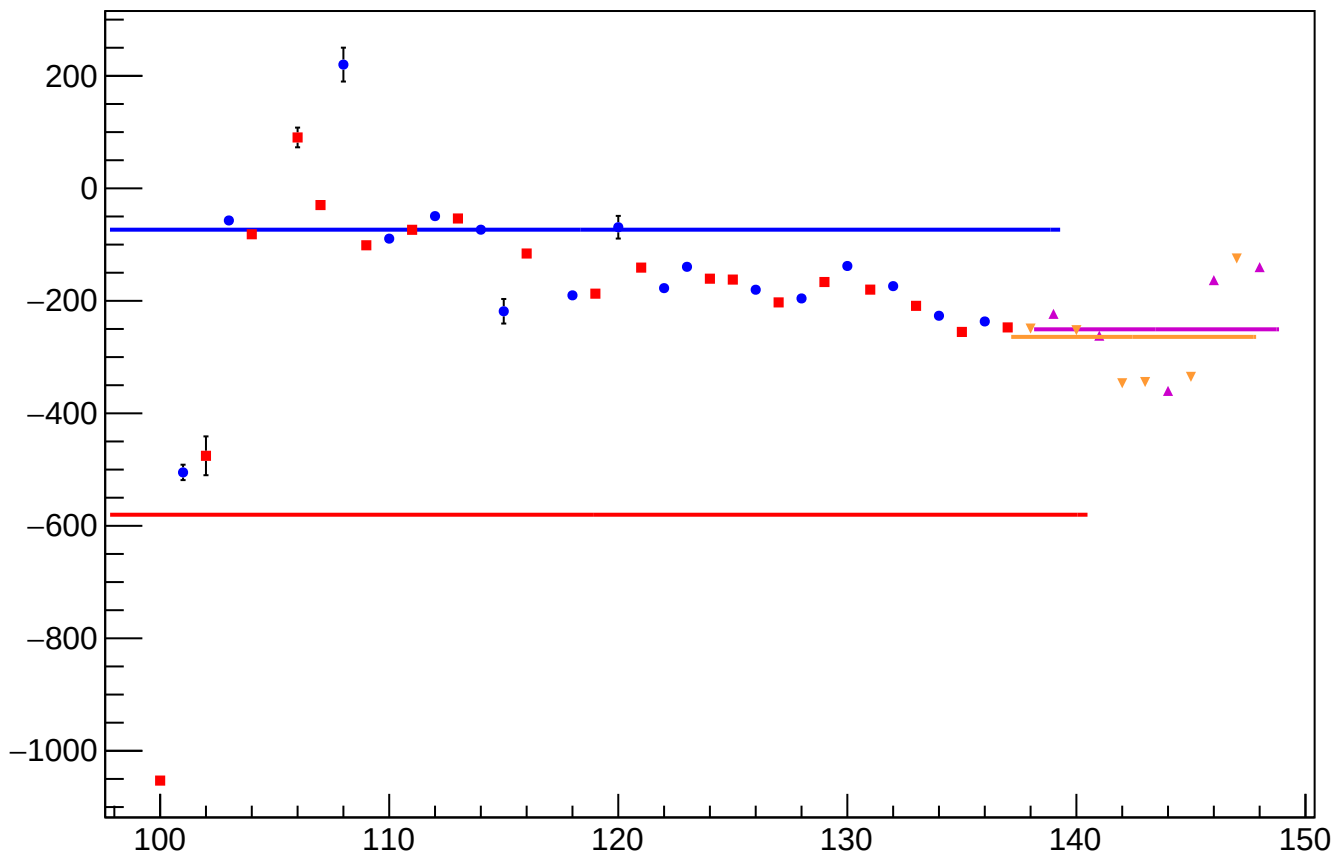
Left In: 151.642 $\pm$ 0.070 χ^2 /NDF:11058.7/4

+ sign 138.565 $\pm$ 0.000 χ^2 /NDF: 1193120.7/22

All: 7.101 $\pm$ 0.000 χ^2 /NDF: 23576822681928

- sign 6.866 $\pm$ 0.000 χ^2 /NDF: 12352765.7/23

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

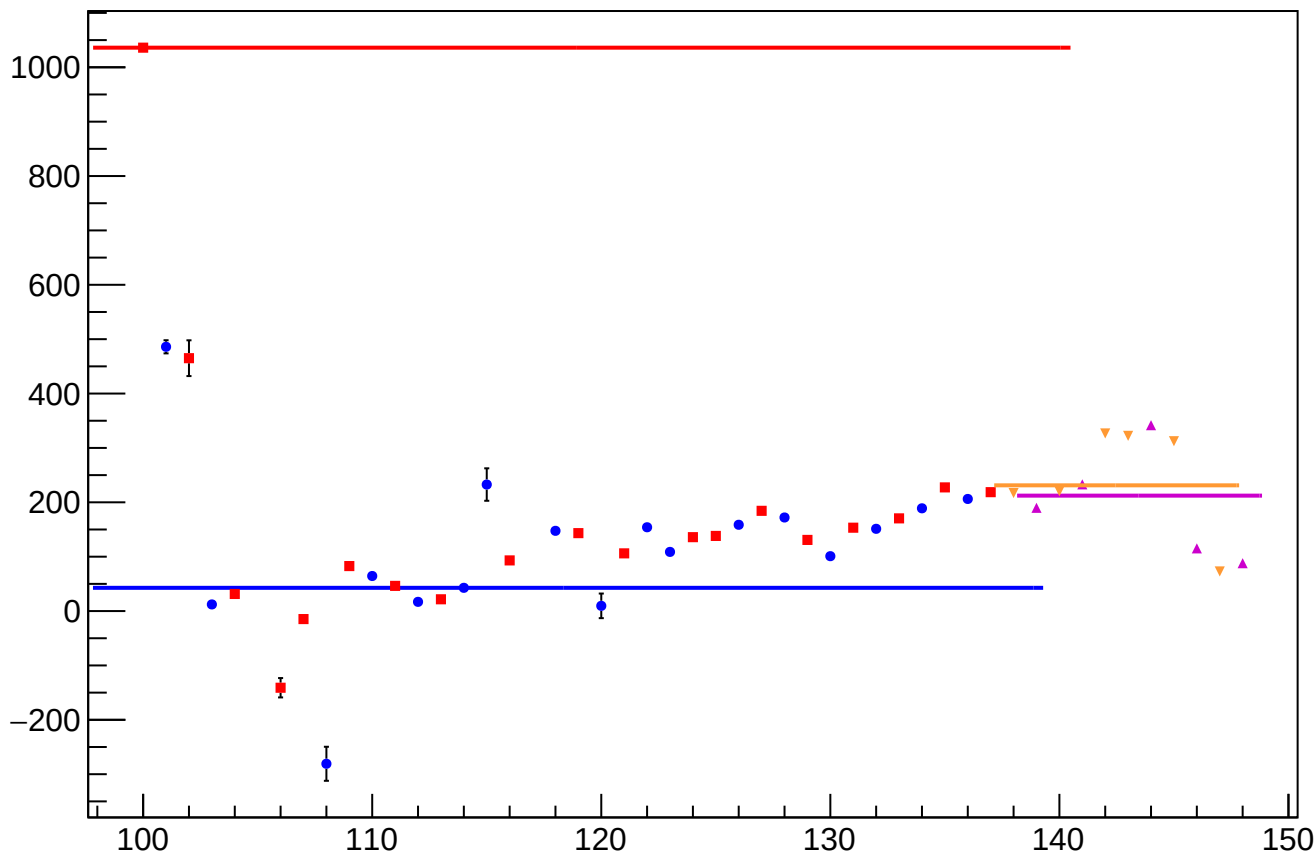
Left In: -250.611+/-0.483 χ^2/NDF : 22770.2/4

+ sign -73.485+/-0.000 χ^2/NDF : 287688.7/22

All: -73.485+/-0.000 χ^2/NDF : 7248373.2/46

- sign -505.768+/-0.230 χ^2/NDF : 3415032.4/23

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

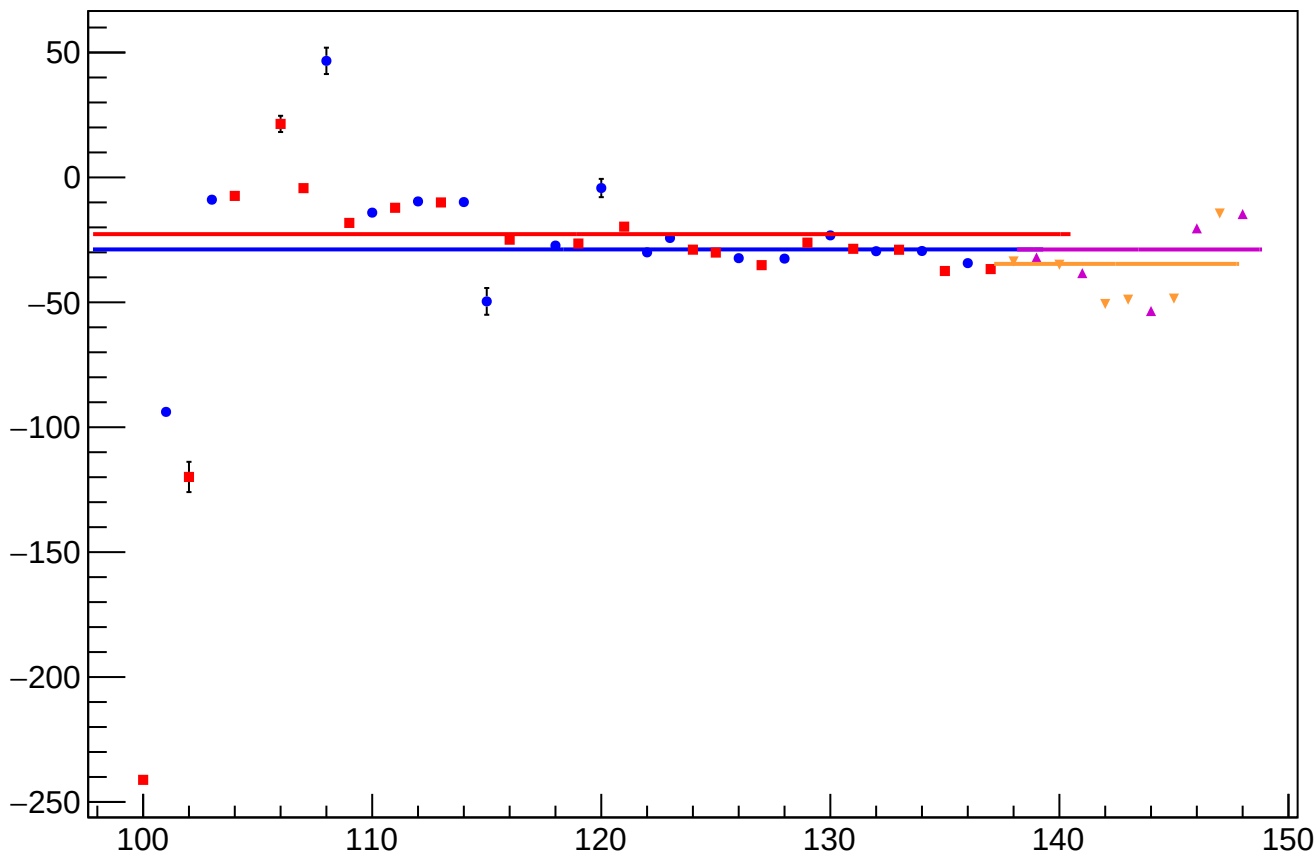
Left In: 212.271+/-0.504 χ^2/NDF : 27225.1/4

+ 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 : 7635644.6/23

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

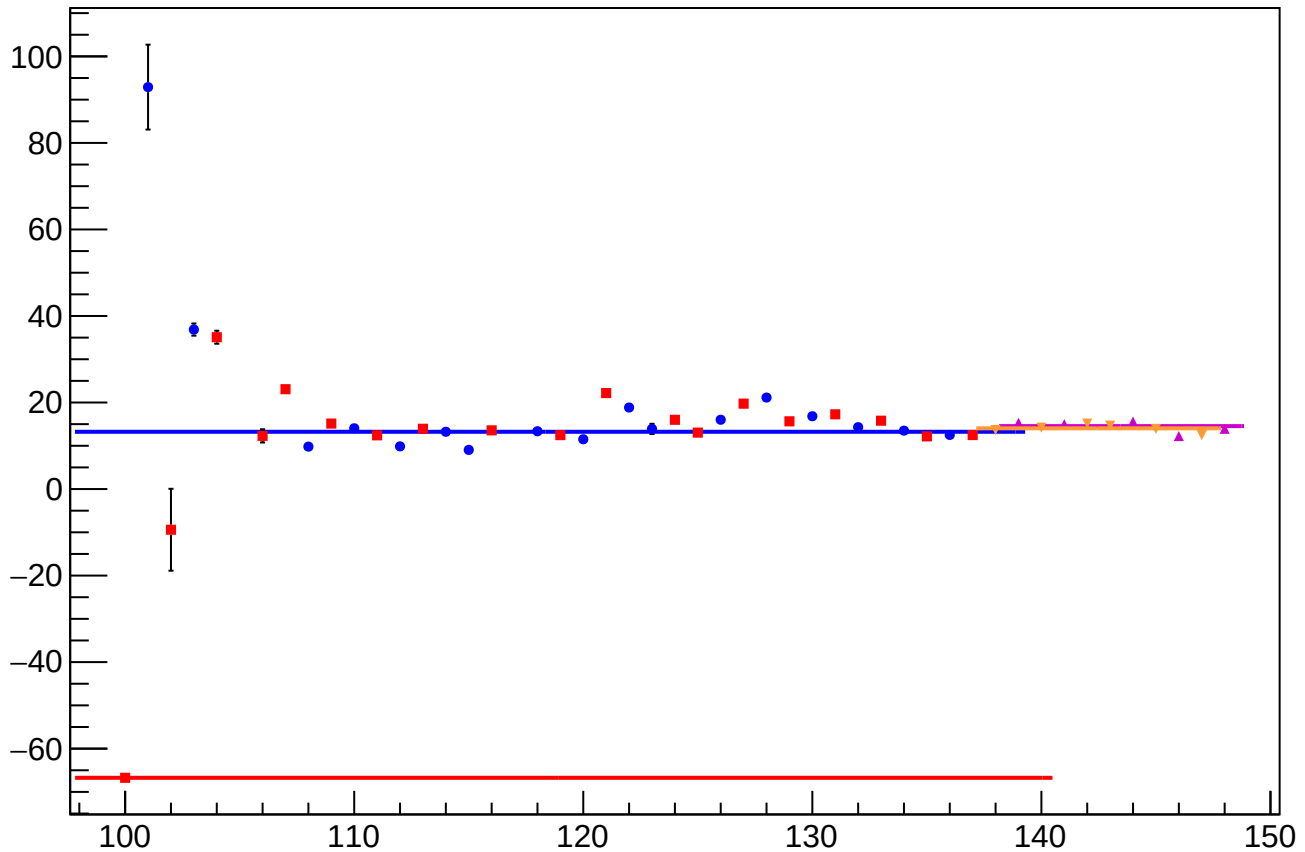
Left In: -28.848 ± 0.035 χ^2/NDF : 100496.6/4

+ sign -32.063 ± 0.023 χ^2/NDF : 140831.1/22

All: -29.382 ± 0.017 χ^2/NDF : 695992.6/46

- sign -26.061 ± 0.026 χ^2/NDF : 524874.3/23

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

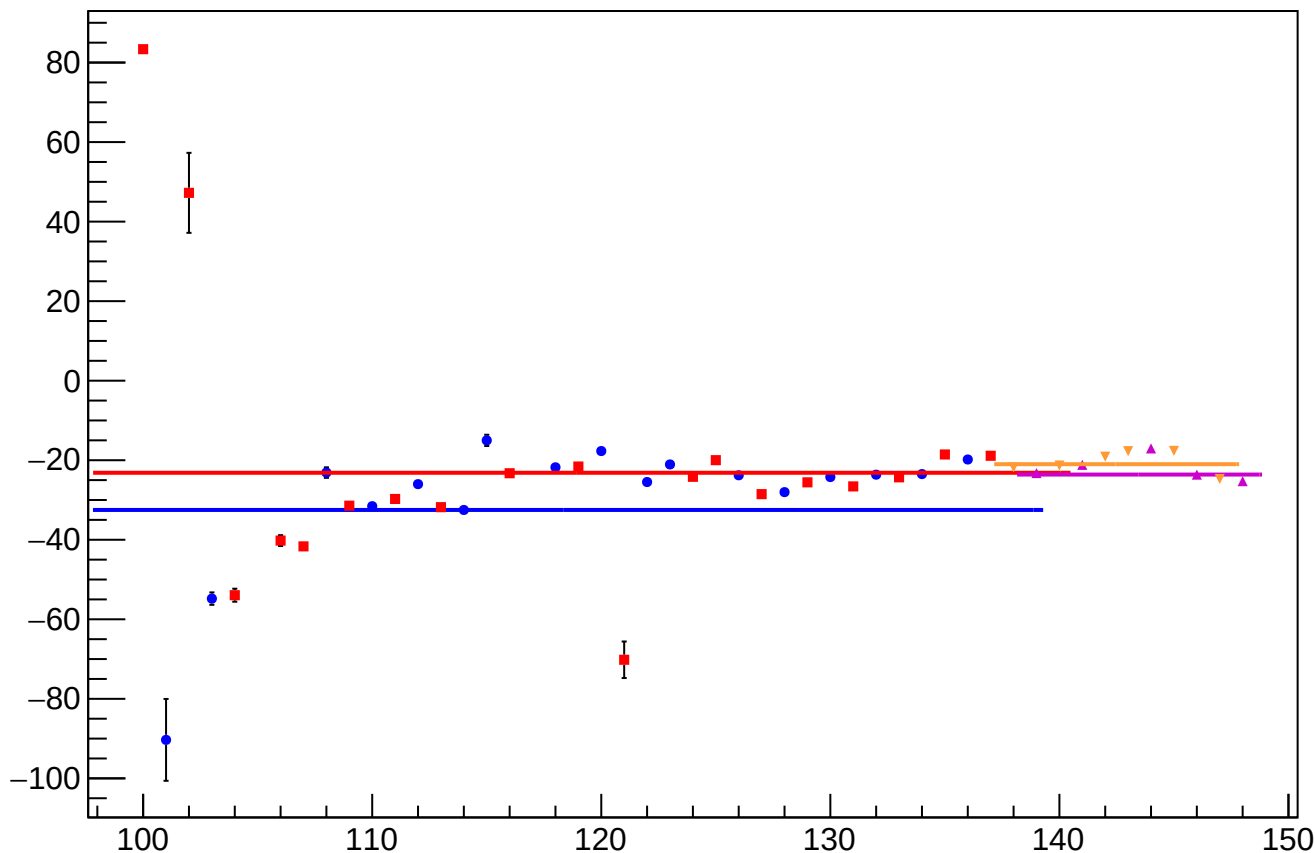
Left In: 14.545 $\pm$ 0.030 χ^2 /NDF: 1618.6/4

+ 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: 10293085.4/23

dit_atr1_4eY_slope vs Slug



Right In: -32.504 ± 0.000 χ^2/NDF : 74187.4/16

Left Out: -20.997 ± 0.037 χ^2/NDF : 5637.5/5

Right Out: -23.151 ± 0.048 χ^2/NDF : 90749.4/18

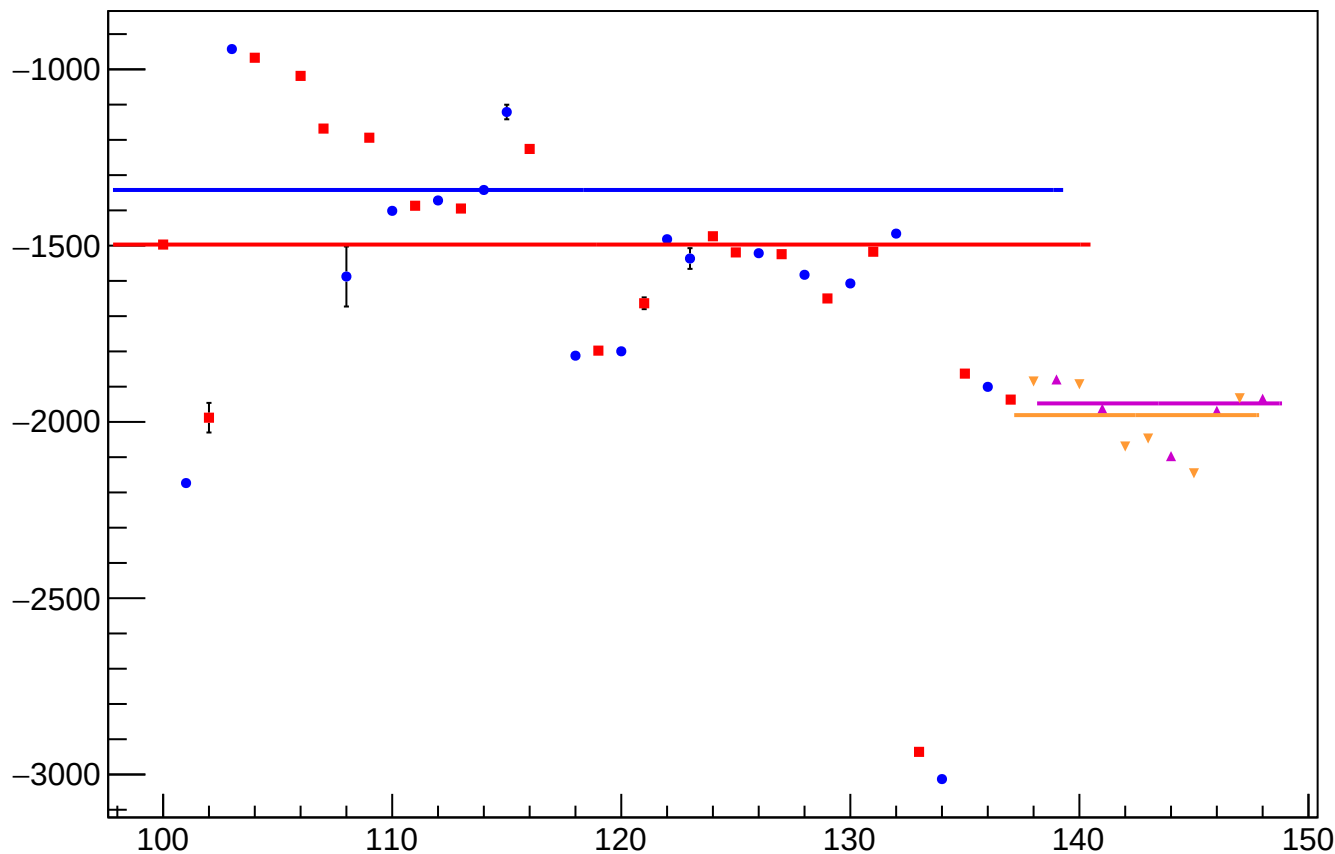
Left In: -23.604 ± 0.038 χ^2/NDF : 4329.4/4

+ sign -32.504 ± 0.000 χ^2/NDF : 176920.8/22

All: -32.504 ± 0.000 χ^2/NDF : 366365.4/46

- sign -23.430 ± 0.030 χ^2/NDF : 95134.4/23

dit_atr2_4aX_slope vs Slug



Right In: -1342.107 $\pm$ 0.000 χ^2 /NDF: 370901.4/16

Left Out: -1980.682 $\pm$ 0.832 χ^2 /NDF:10849.3/5

Right Out: -1496.932 $\pm$ 0.000 χ^2 /NDF: 504712.5/18

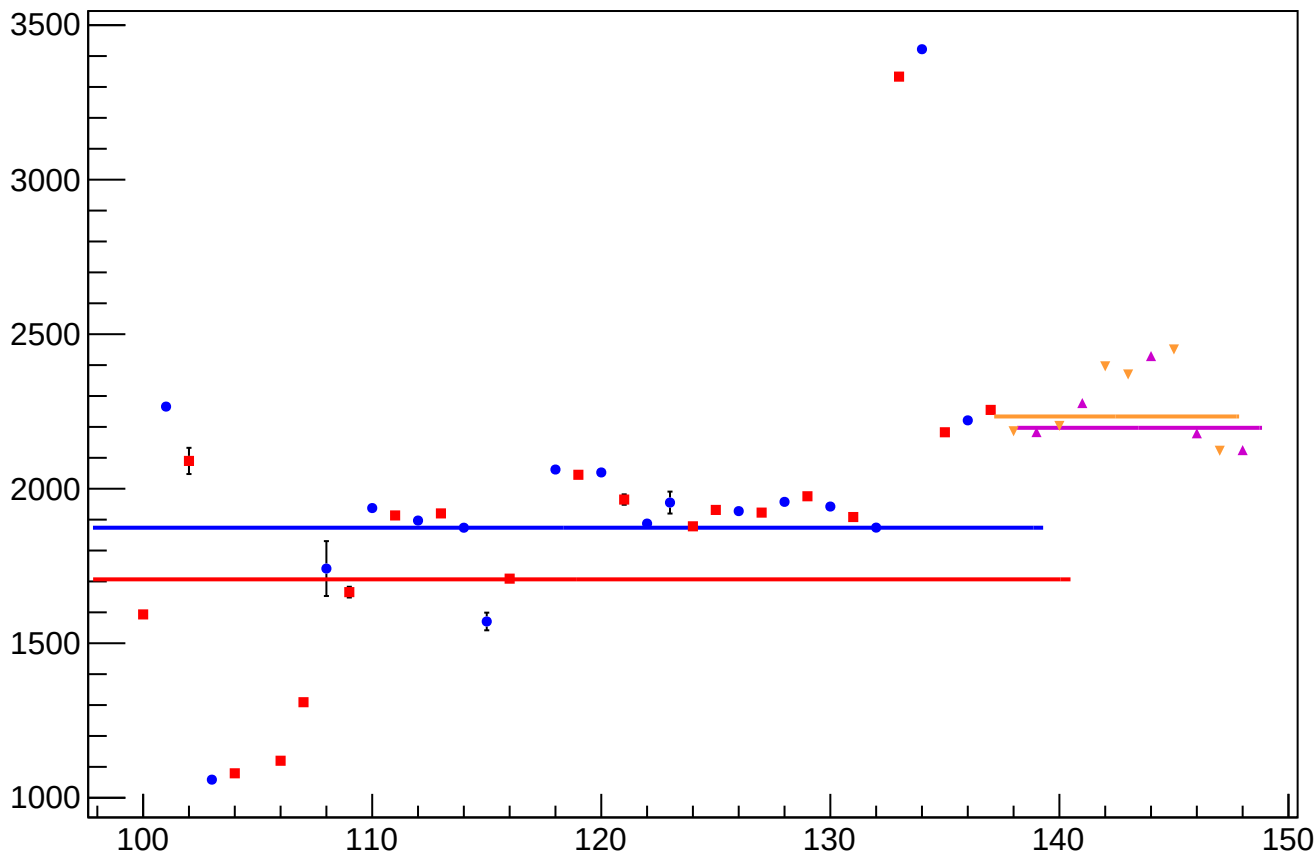
Left In: -1947.497 $\pm$ 0.545 χ^2 /NDF:12964.7/4

+ sign -1342.107 $\pm$ 0.000 χ^2 /NDF: 971432.3/22

All: -1396.751 $\pm$ 0.000 χ^2 /NDF: 1800086126

- sign -1496.932 $\pm$ 0.000 χ^2 /NDF: 1202040.5/23

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

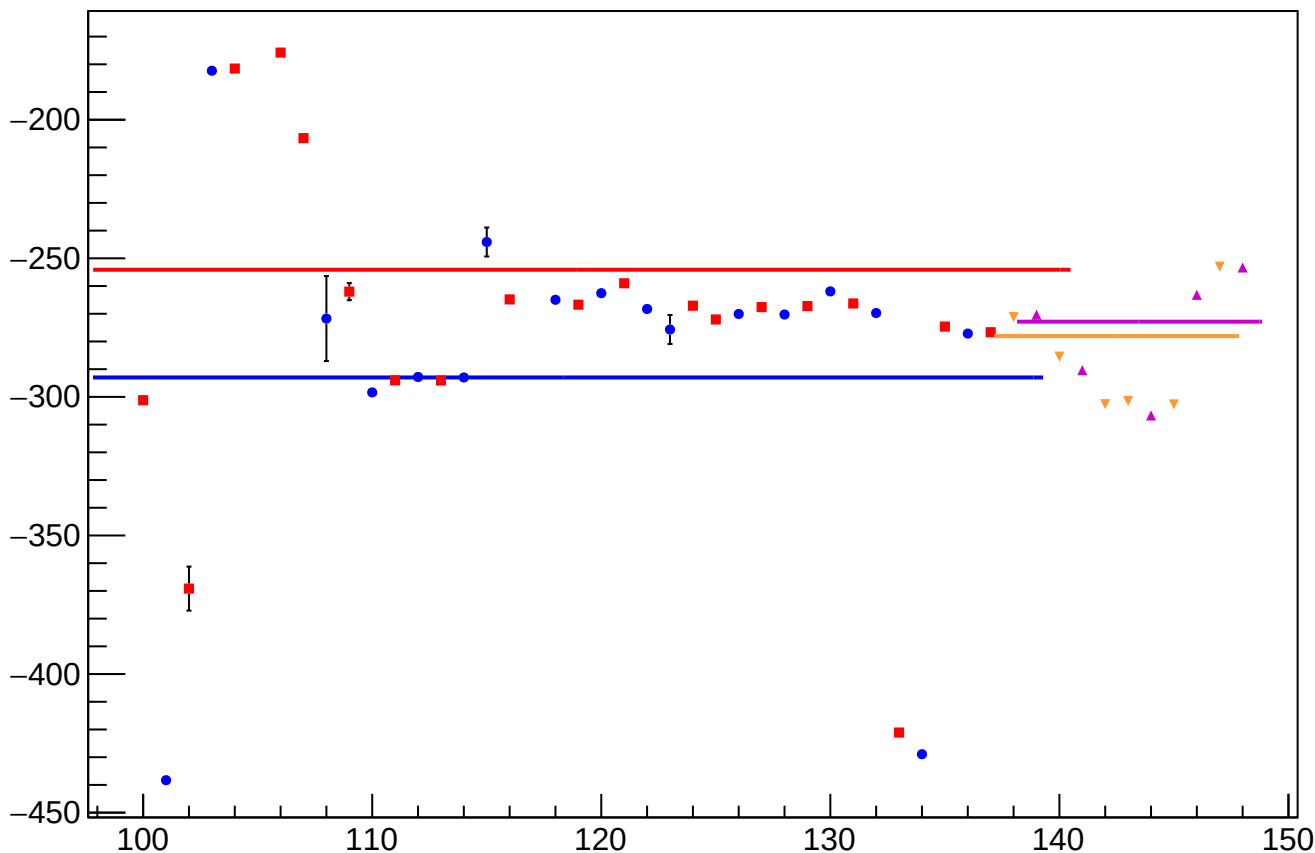
Left In: 2197.067+/-0.564 χ^2/NDF : 27049.9/4

+ sign 1873.852+/-0.000 χ^2/NDF : 380607.1/22

All: 1873.852+/-0.000 χ^2/NDF : 1878927.0/40

- sign 1816.092+/-0.267 χ^2/NDF : 1451363.5/23

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

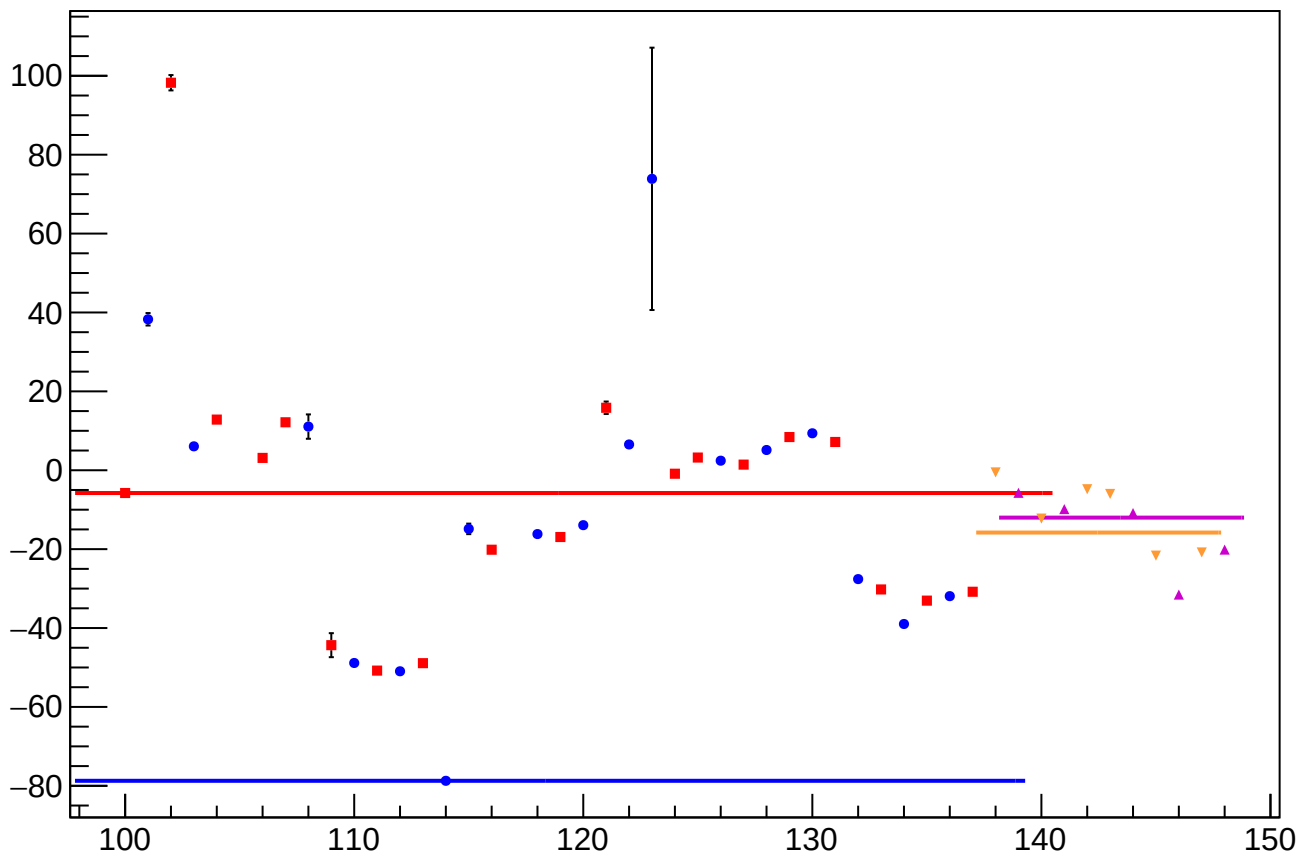
Left In: -272.858+/-0.048 χ^2/NDF : 121437.0/4

+ sign -292.986+/-0.000 χ^2/NDF : 1147437.4/22

All: -292.986+/-0.000 χ^2/NDF : 2379851.1/46

- sign -265.356+/-0.037 χ^2/NDF : 684592.0/23

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 $\chi^2/\text{NDF}: 111570.1/18$

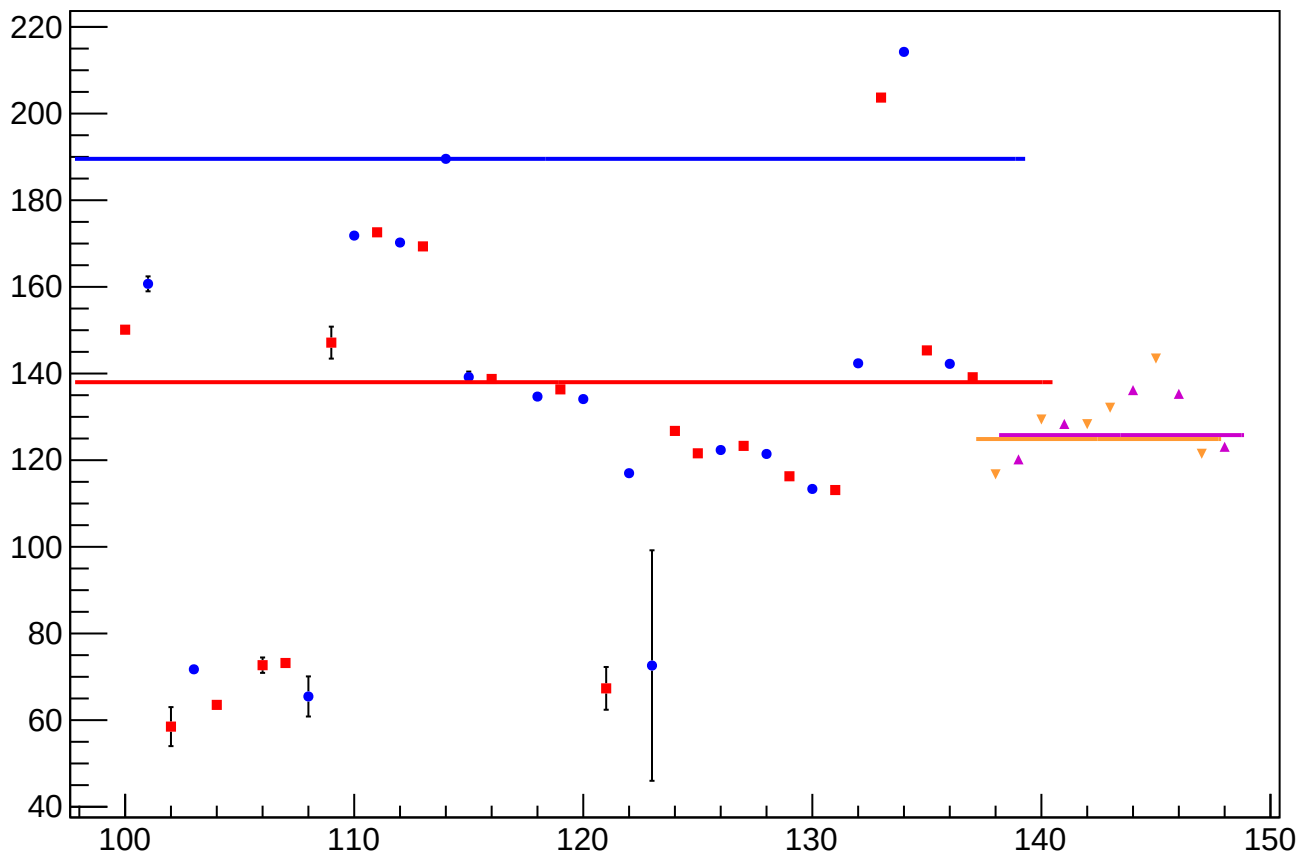
Left In: -12.009 ± 0.053 $\chi^2/\text{NDF}: 13685.8/4$

+ 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 $\chi^2/\text{NDF}: 139161.9/23$

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

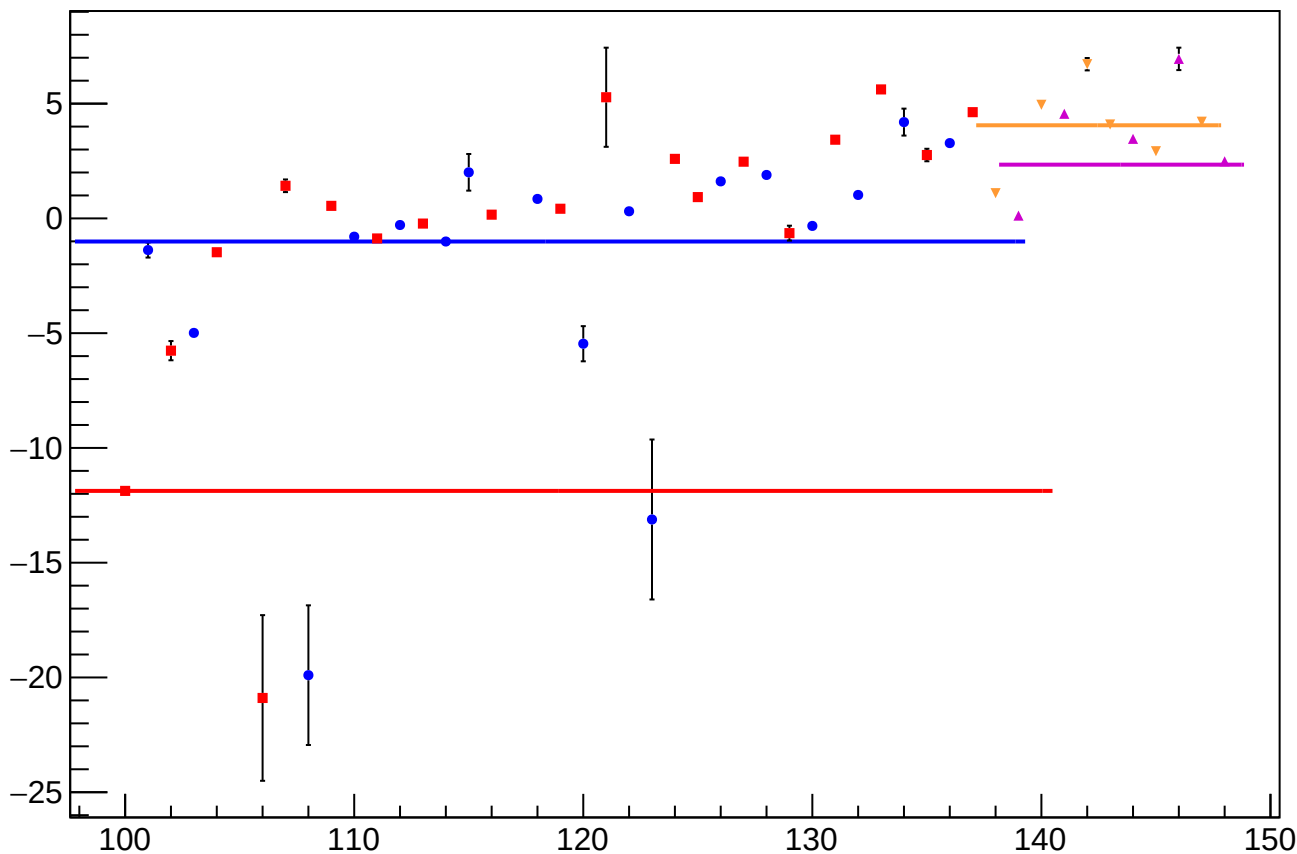
Left In: 125.790 $\pm$ 0.058 χ^2 /NDF: 6225.8/4

+ sign 189.551 $\pm$ 0.000 χ^2 /NDF: 1913240.3/22

All: 189.551 $\pm$ 0.000 χ^2 /NDF: 4010140.2/46

- sign 131.777 $\pm$ 0.041 χ^2 /NDF: 145373.4/23

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

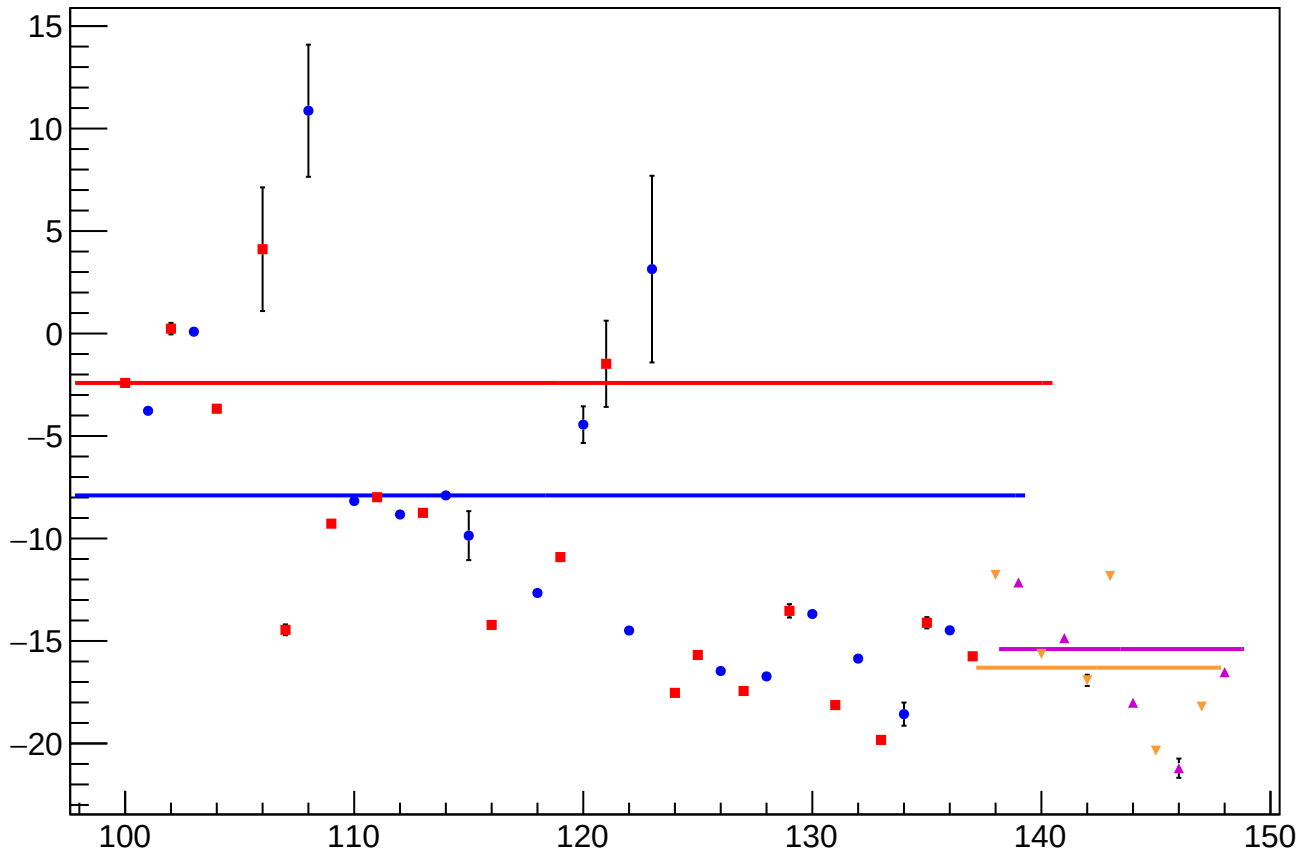
Left In: 2.341 ± 0.040 χ^2/NDF : 2054.3/4

+ 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 : 633108.6/23

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

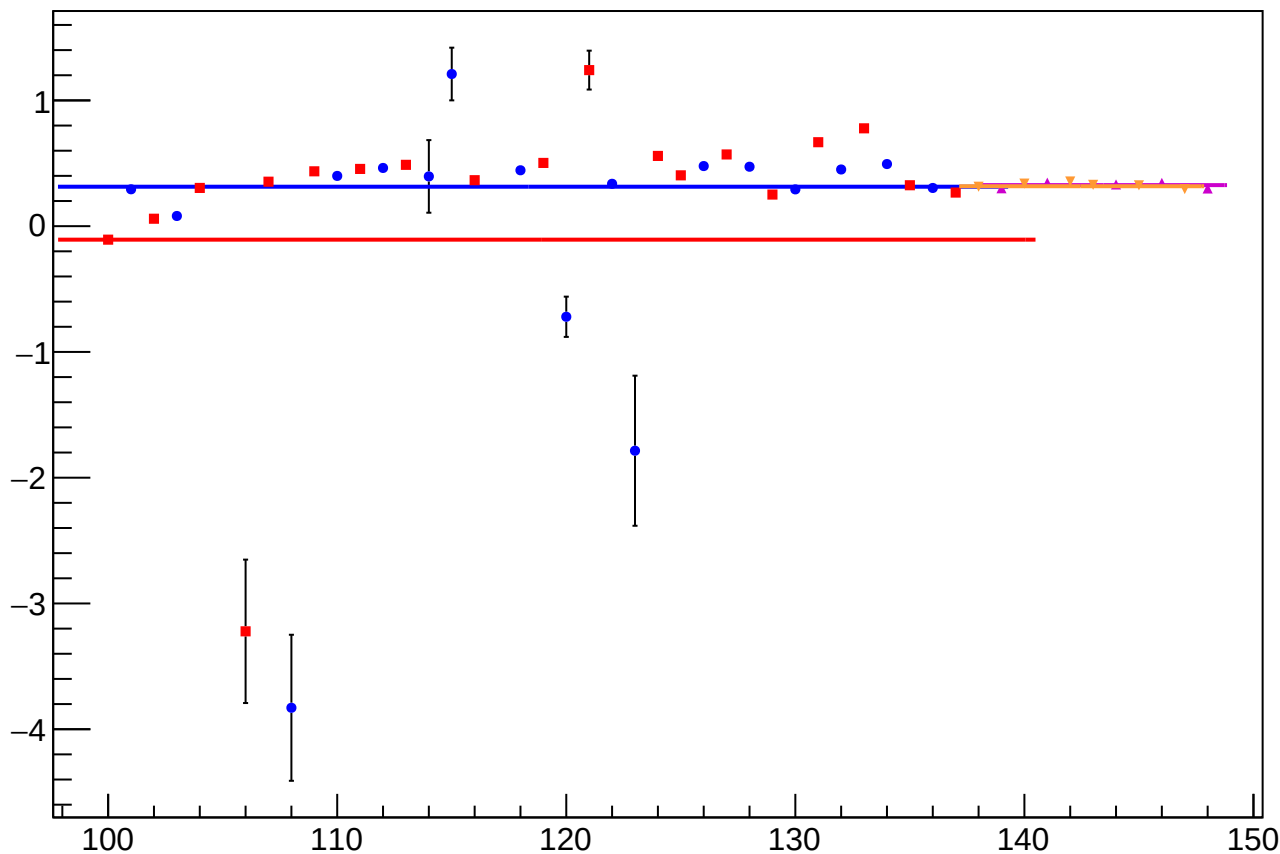
Left In: -15.394 ± 0.053 χ^2/NDF : 1463.5/4

+ 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 : 265302.5/23

dit_sam1_11X12X_slope vs Slug



Right In: 0.314 ± 0.001 $\chi^2/\text{NDF}: 2748.0/16$

Left Out: 0.318 ± 0.001 $\chi^2/\text{NDF}: 1074.4/5$

Right Out: -0.107 ± 0.000 $\chi^2/\text{NDF}: 219932.8/18$

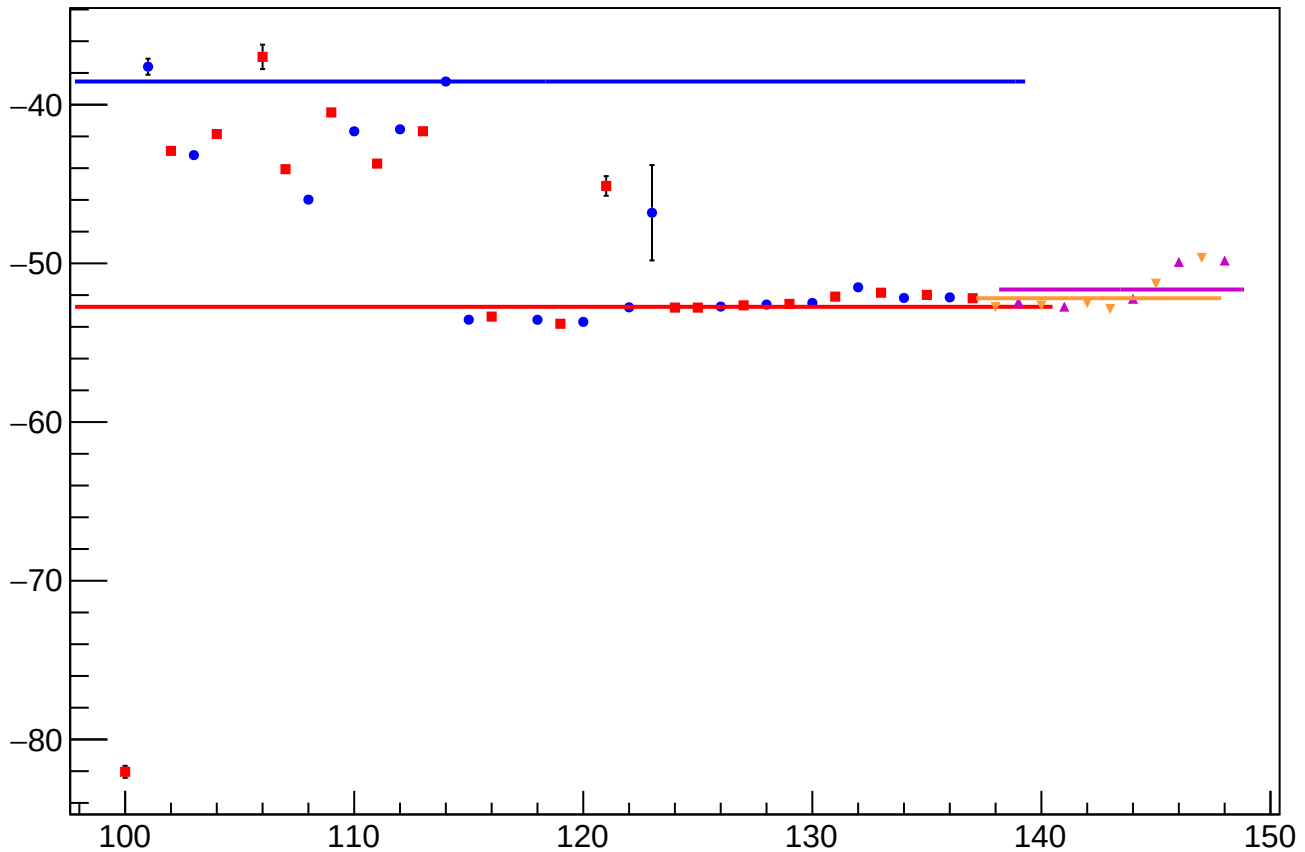
Left In: 0.326 ± 0.001 $\chi^2/\text{NDF}: 721.4/4$

+ sign 0.317 ± 0.000 $\chi^2/\text{NDF}: 3833.7/22$

All: -0.107 ± 0.000 $\chi^2/\text{NDF}: 1418908.7/46$

- sign -0.107 ± 0.000 $\chi^2/\text{NDF}: 689904.3/23$

dit_sam1_4aY_slope vs Slug



Right In: -38.539+/-0.000 χ^2/NDF : 14950854.6/16

Left Out: -52.195+/-0.005 χ^2/NDF : 61843.1/5

Right Out: -52.737+/-0.002 χ^2/NDF : 87430.2/18

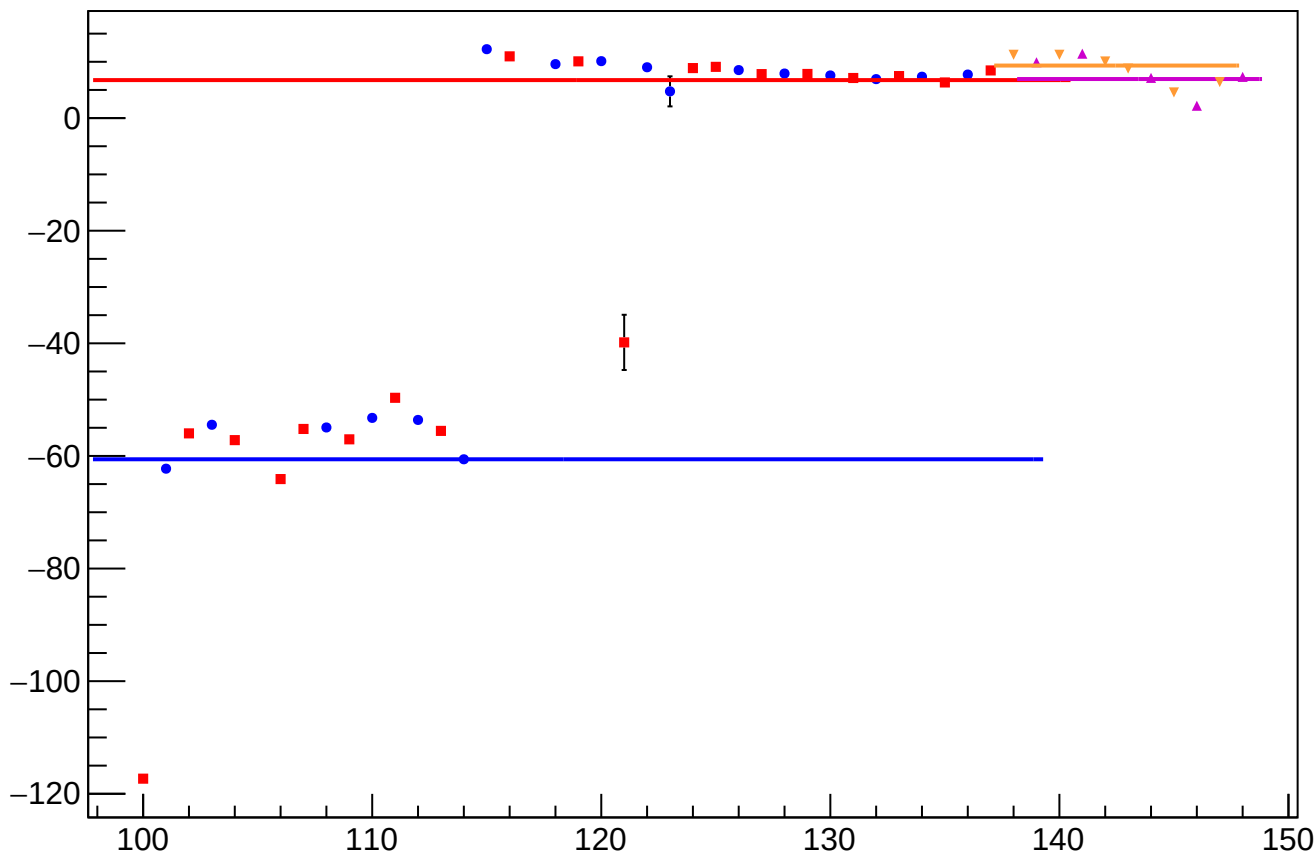
Left In: -51.647+/-0.005 χ^2/NDF : 59430.8/4

+ sign -38.539+/-0.000 χ^2/NDF : 23179766.3/22

All: -38.539+/-0.000 χ^2/NDF : 86606893.7/46

- sign -52.613+/-0.002 χ^2/NDF : 184983.6/23

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

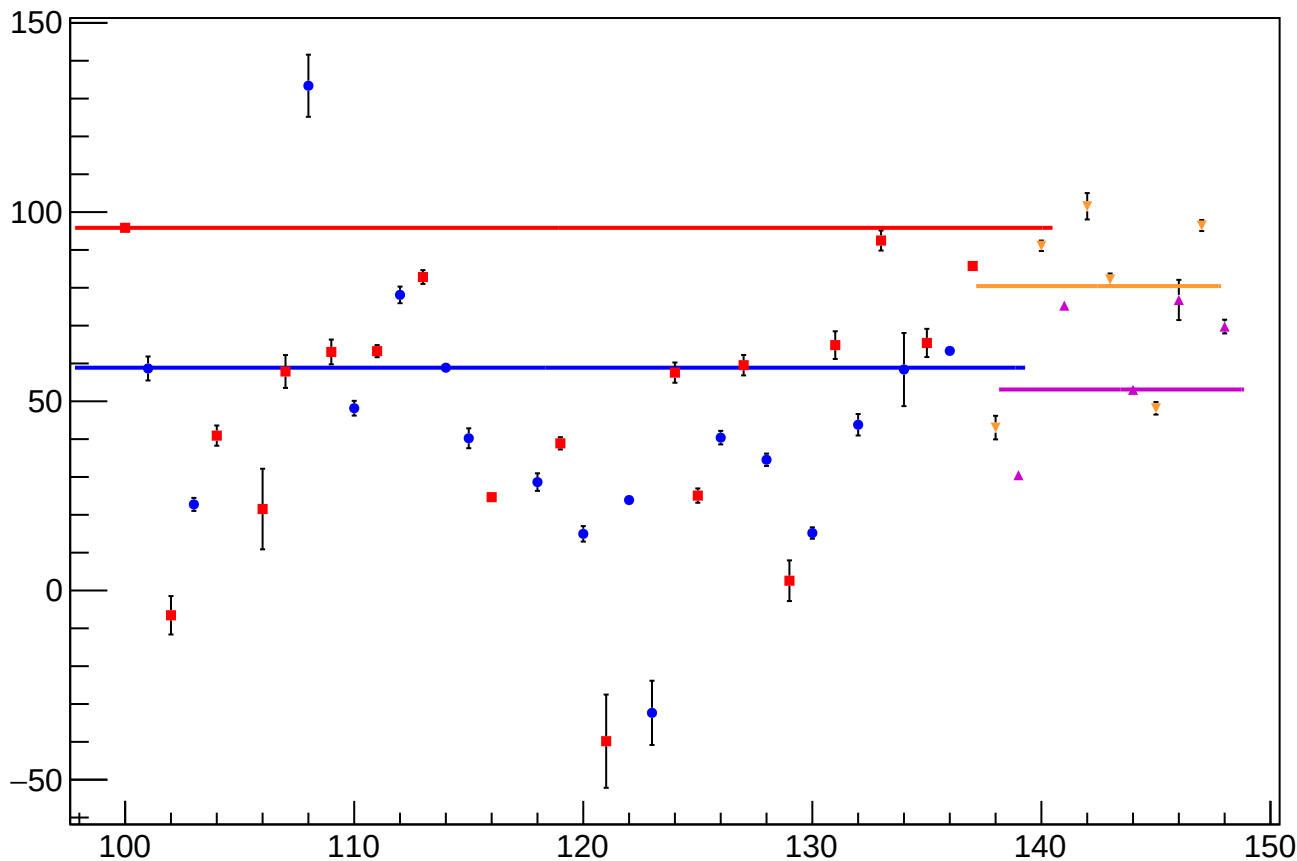
Left In: 6.940+/-0.012 χ^2/NDF : 87073.4/4

+ sign -60.594+/-0.000 χ^2/NDF : 55996869.8/22

All: -60.594+/-0.000 χ^2/NDF : 126151469.5/4

- sign 6.835+/-0.008 χ^2/NDF : 1353808.8/23

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 $\chi^2/\text{NDF}: 39385.0/18$

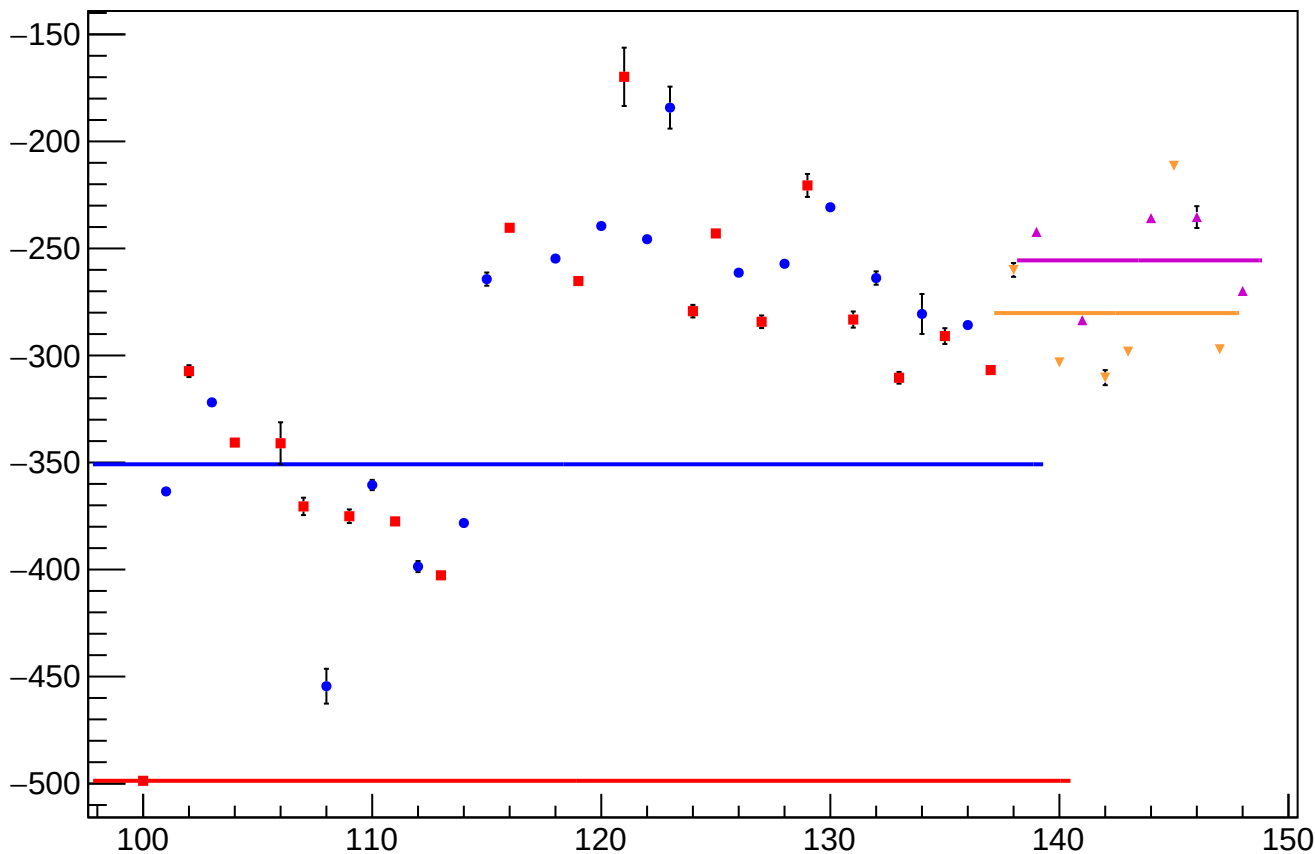
Left In: 53.125 ± 0.560 $\chi^2/\text{NDF}: 1022.0/4$

+ 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 $\chi^2/\text{NDF}: 46227.3/23$

dit_sam2_4eX_slope vs Slug



Right In: -350.833+/-0.245 χ^2 /NDF: 41301.1/16

Left Out: -280.183+/-0.704 χ^2 /NDF:2614.1/5

Right Out: -498.692+/-0.000 χ^2 /NDF: 511870.8/18

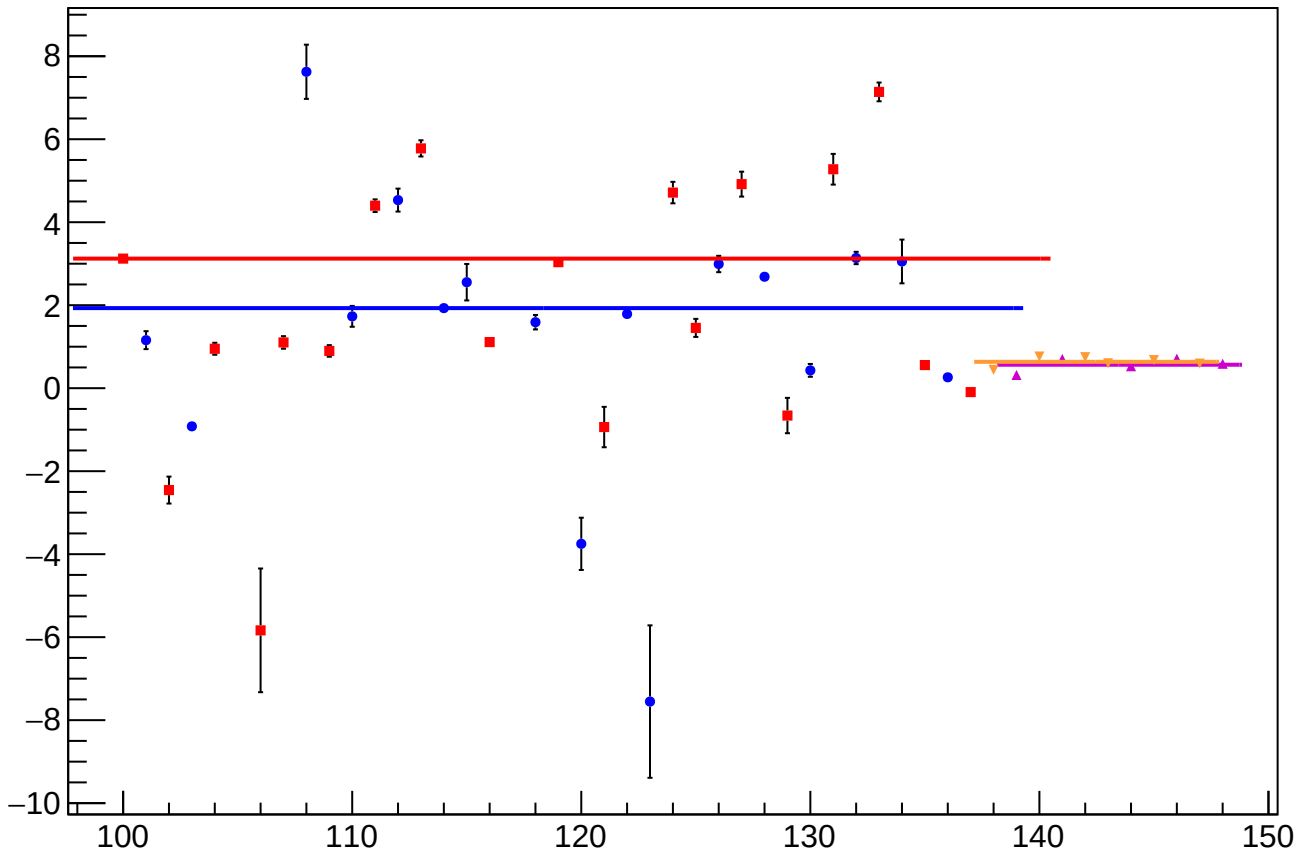
Left In: -255.576+/-0.590 χ^2 /NDF:1155.4/4

+ sign -343.229+/-0.231 χ^2 /NDF: 52899.2/22

All: -498.692+/-0.000 χ^2 /NDF: 1188606.4/46

- sign -498.692+/-0.000 χ^2 /NDF: 682778.0/23

dit_sam2_11X12X_slope vs Slug



Right In: 1.930 $\pm$ 0.000 χ^2 /NDF: 59970.9/16

Left Out: 0.636 $\pm$ 0.004 χ^2 /NDF:365.8/5

Right Out: 3.123 $\pm$ 0.000 χ^2 /NDF: 512565.5/18

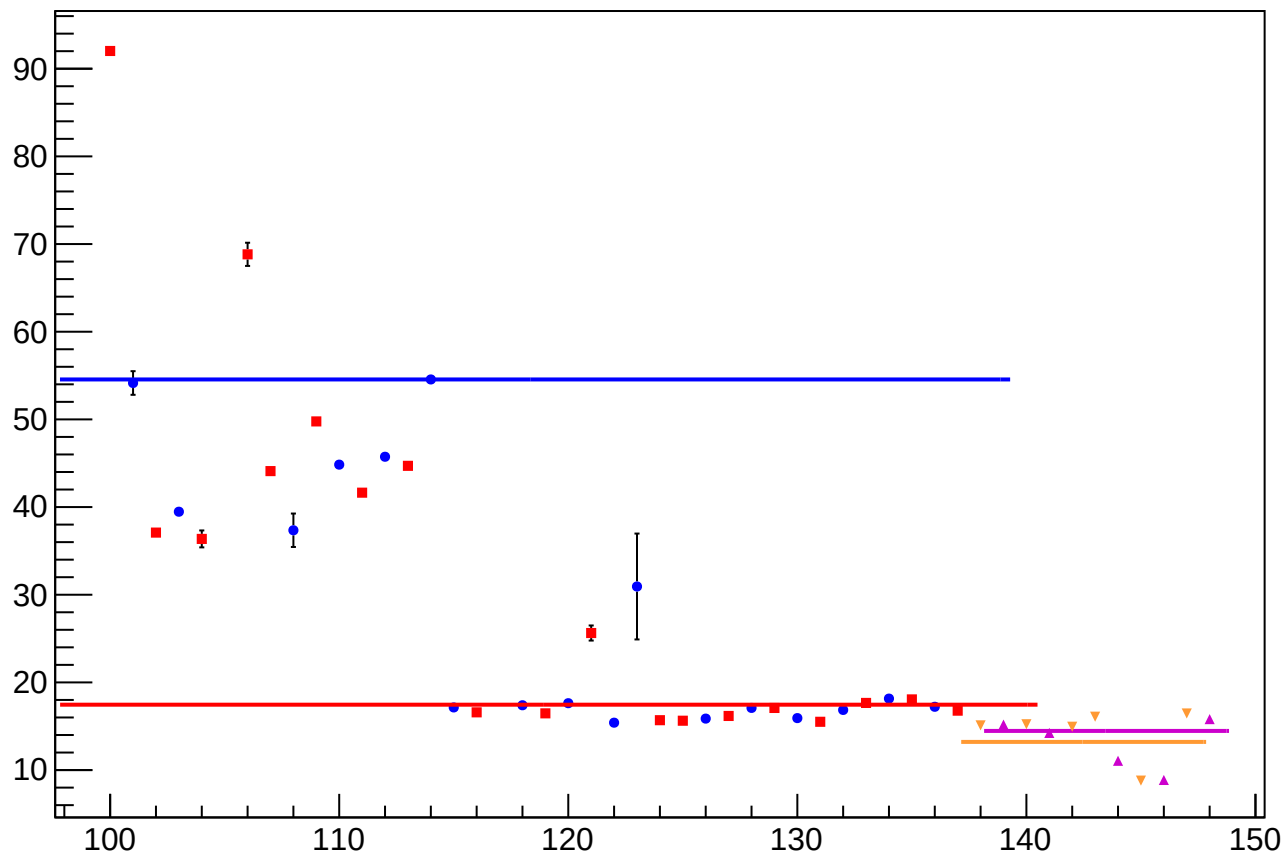
Left In: 0.565 $\pm$ 0.004 χ^2 /NDF:1447.7/4

+ sign 1.930 $\pm$ 0.000 χ^2 /NDF: 145453.8/22

All: 2.073 $\pm$ 0.000 χ^2 /NDF: 3809953457808

- sign 3.123 $\pm$ 0.000 χ^2 /NDF: 959082.7/23

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

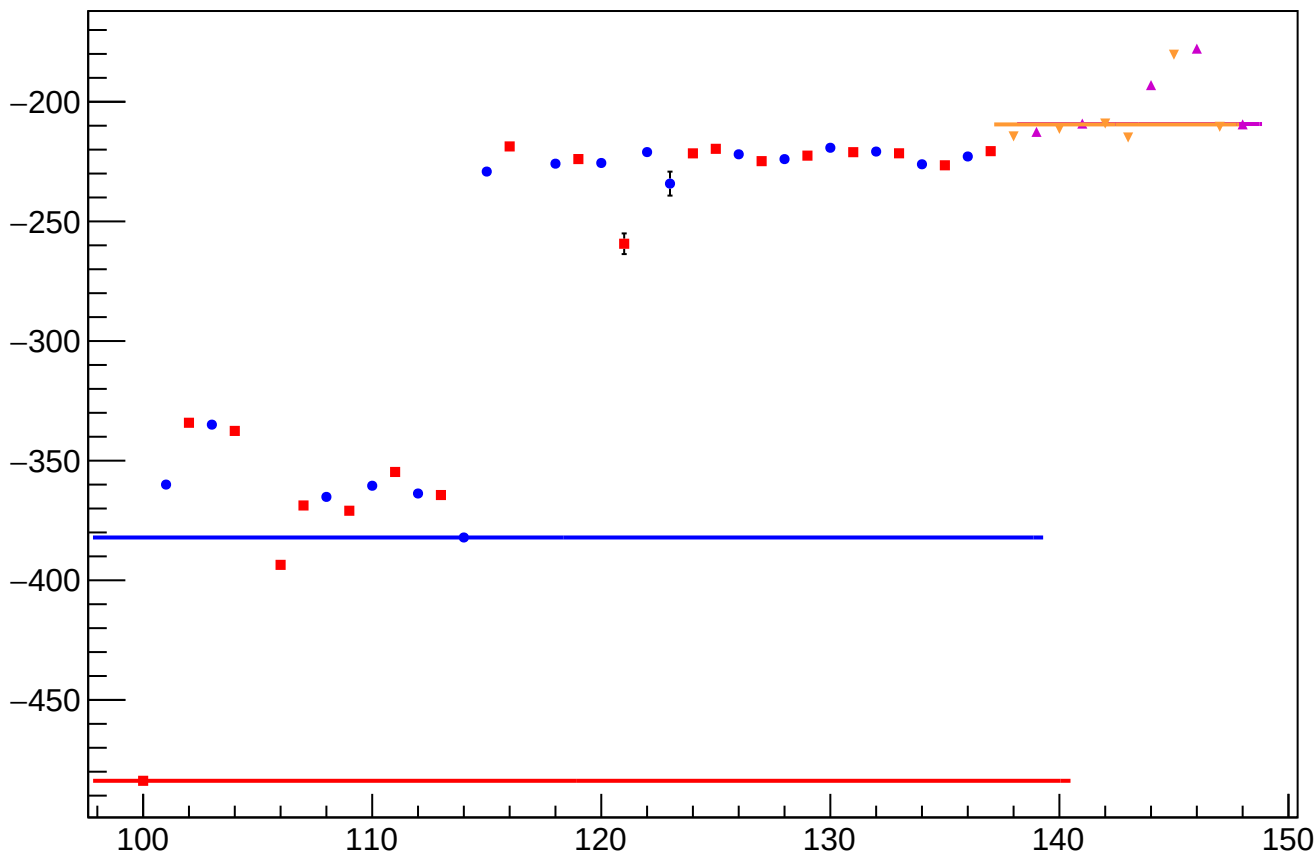
Left In: 14.466 ± 0.020 χ^2/NDF : 6562.5/4

+ sign 54.556 ± 0.000 χ^2/NDF : 17783886.8/22

All: 54.556 ± 0.000 χ^2/NDF : 25830521.1/46

- sign 16.132 ± 0.014 χ^2/NDF : 117738.9/23

dit_sam2_4eY_slope vs Slug



Right In: -382.108 ± 0.000 $\chi^2/\text{NDF}: 18398024.3/16$

Left Out: -209.464 ± 0.036 $\chi^2/\text{NDF}: 51950.9/5$

Right Out: -483.800 ± 0.000 $\chi^2/\text{NDF}: 24338683.6/18$

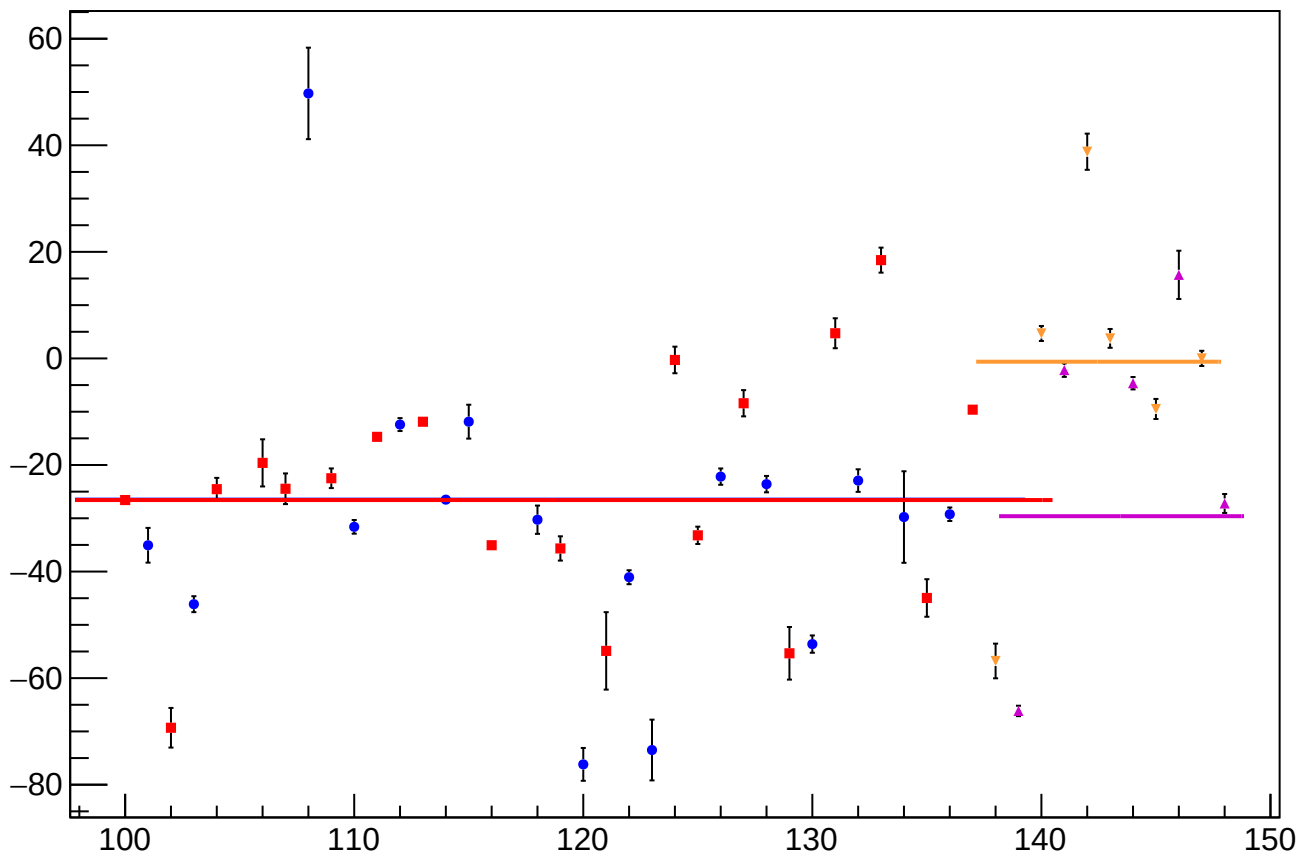
Left In: -209.294 ± 0.037 $\chi^2/\text{NDF}: 9494.2/4$

+ sign -382.108 ± 0.000 $\chi^2/\text{NDF}: 41428167.2/22$

All: -417.999 ± 0.000 $\chi^2/\text{NDF}: 12425488813$

- sign -483.800 ± 0.000 $\chi^2/\text{NDF}: 78209434.9/23$

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

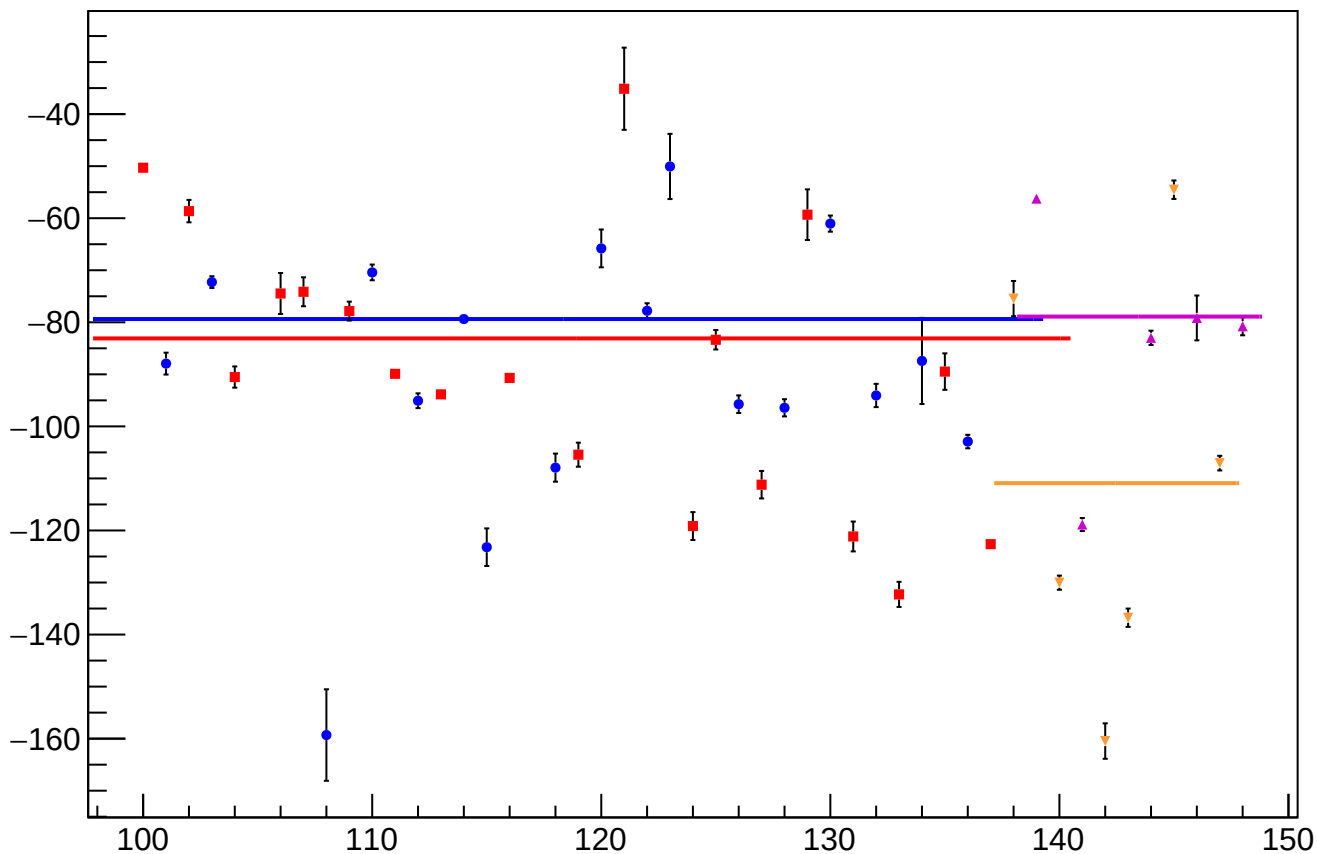
Left In: -29.608 ± 0.601 χ^2/NDF : 2420.2/4

+ 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 : 5086.4/23

dit_sam3_4eX_slope vs Slug



Right In: -79.376 ± 0.000 χ^2/NDF : 1304.6/16

Left Out: -110.909 ± 0.733 χ^2/NDF : 1753.8/5

Right Out: -83.099 ± 0.178 χ^2/NDF : 11915.8/18

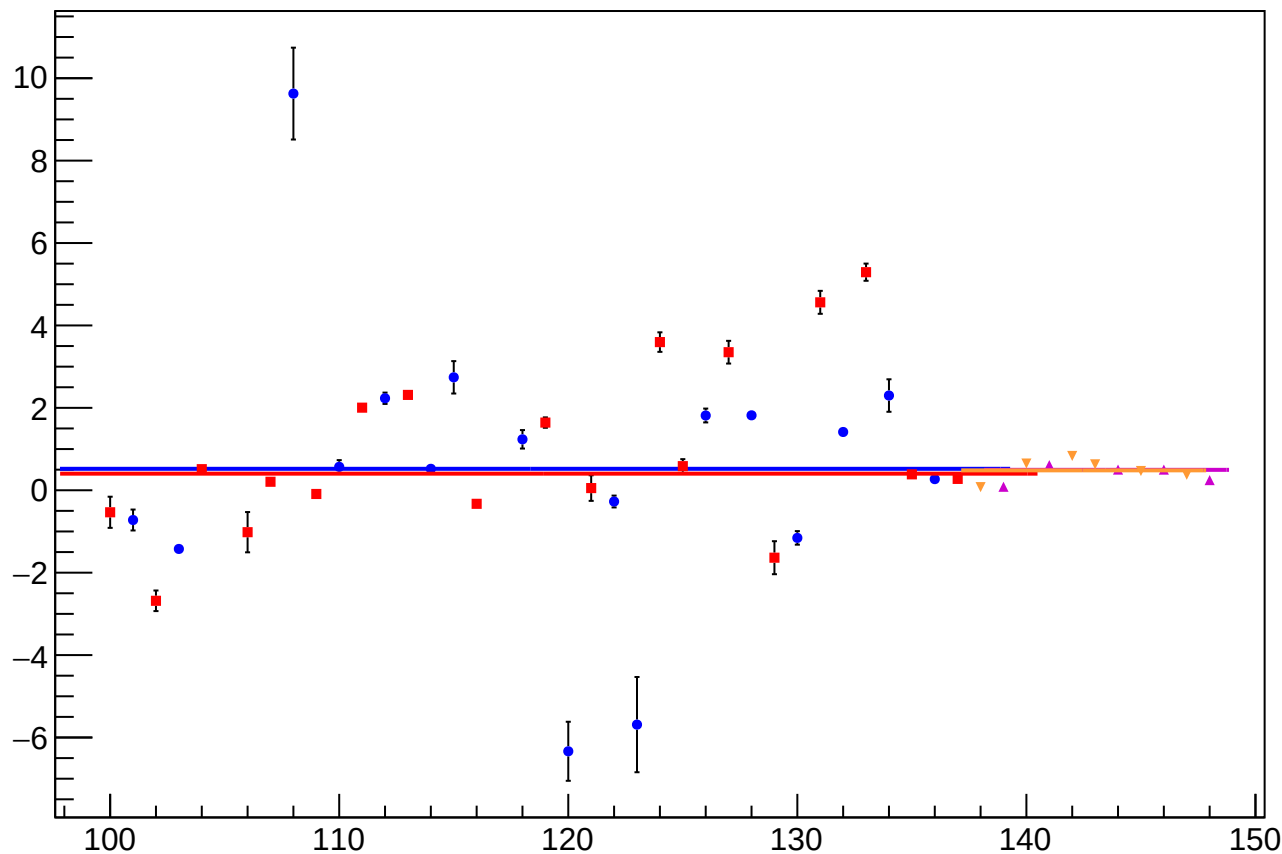
Left In: -78.900 ± 0.596 χ^2/NDF : 1678.1/4

+ sign -79.376 ± 0.000 χ^2/NDF : 4908.4/22

All: -79.376 ± 0.000 χ^2/NDF : 18939.5/46

- sign -82.755 ± 0.171 χ^2/NDF : 13639.5/23

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

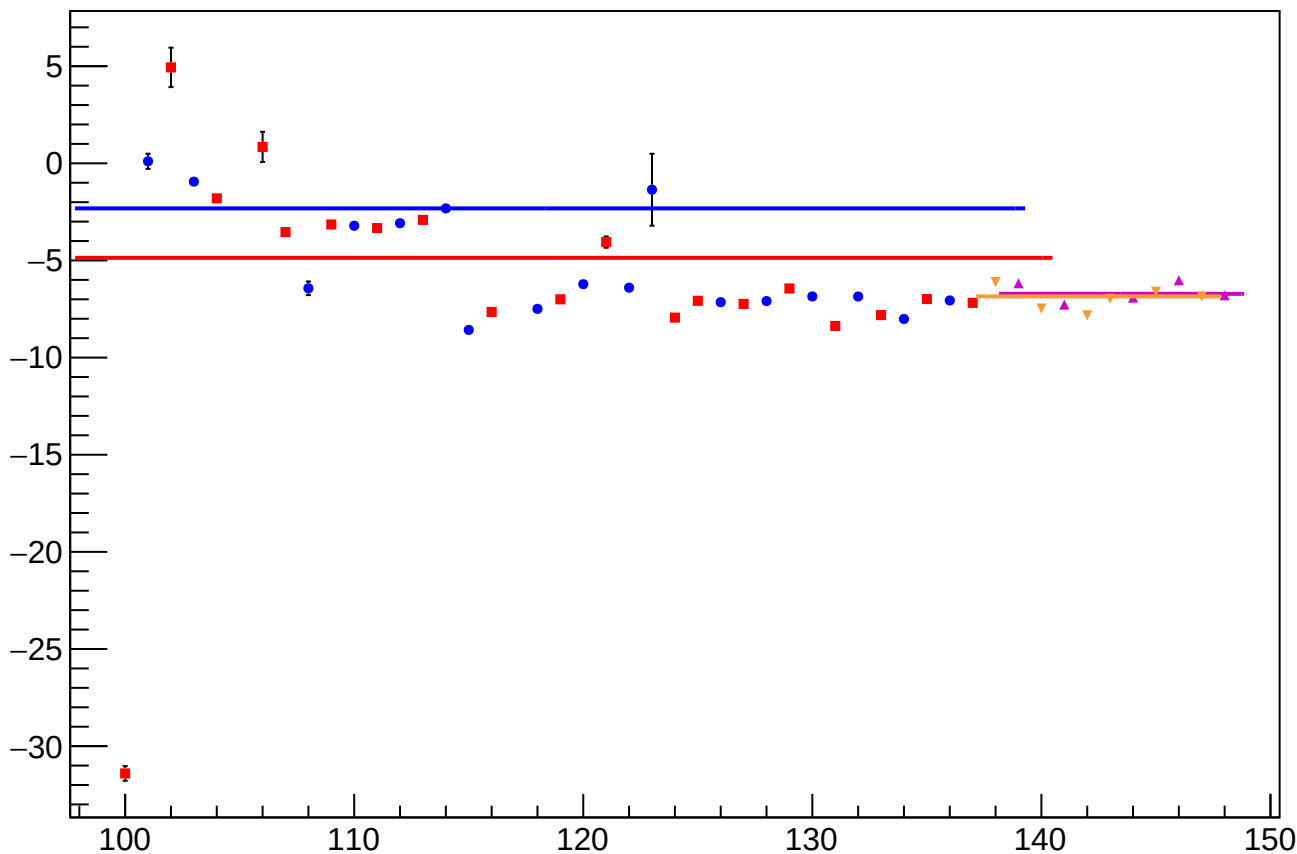
Left In: 0.496+/-0.003 χ^2/NDF : 2802.3/4

+ sign 0.521+/-0.000 χ^2/NDF : 4658.0/22

All: 0.521+/-0.000 χ^2/NDF : 10359.6/46

- sign 0.487+/-0.003 χ^2/NDF : 5595.8/23

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

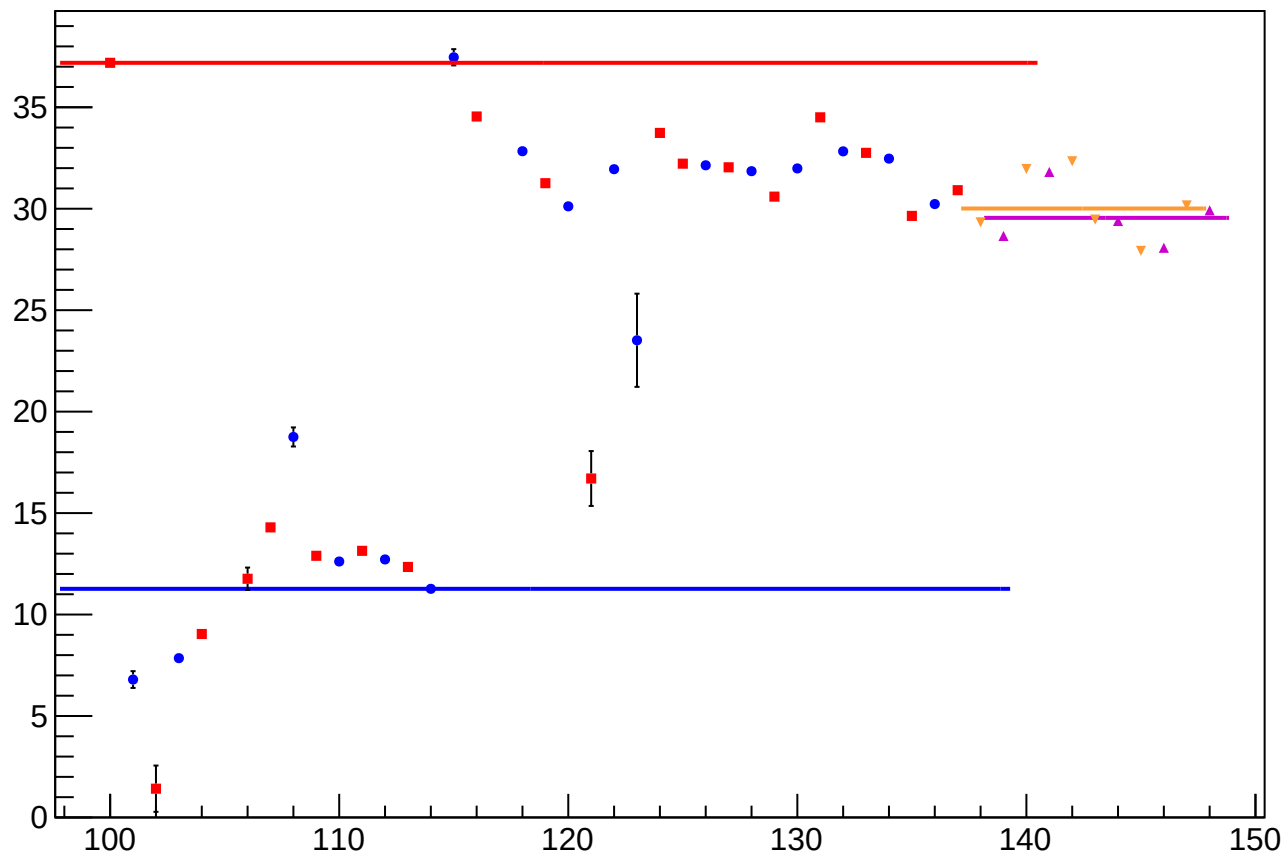
Left In: -6.717 ± 0.007 χ^2/NDF : 3486.9/4

+ sign -2.320 ± 0.000 χ^2/NDF : 749410.5/22

All: -2.320 ± 0.000 χ^2/NDF : 1259962.1/46

- sign -6.134 ± 0.006 χ^2/NDF : 75034.7/23

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

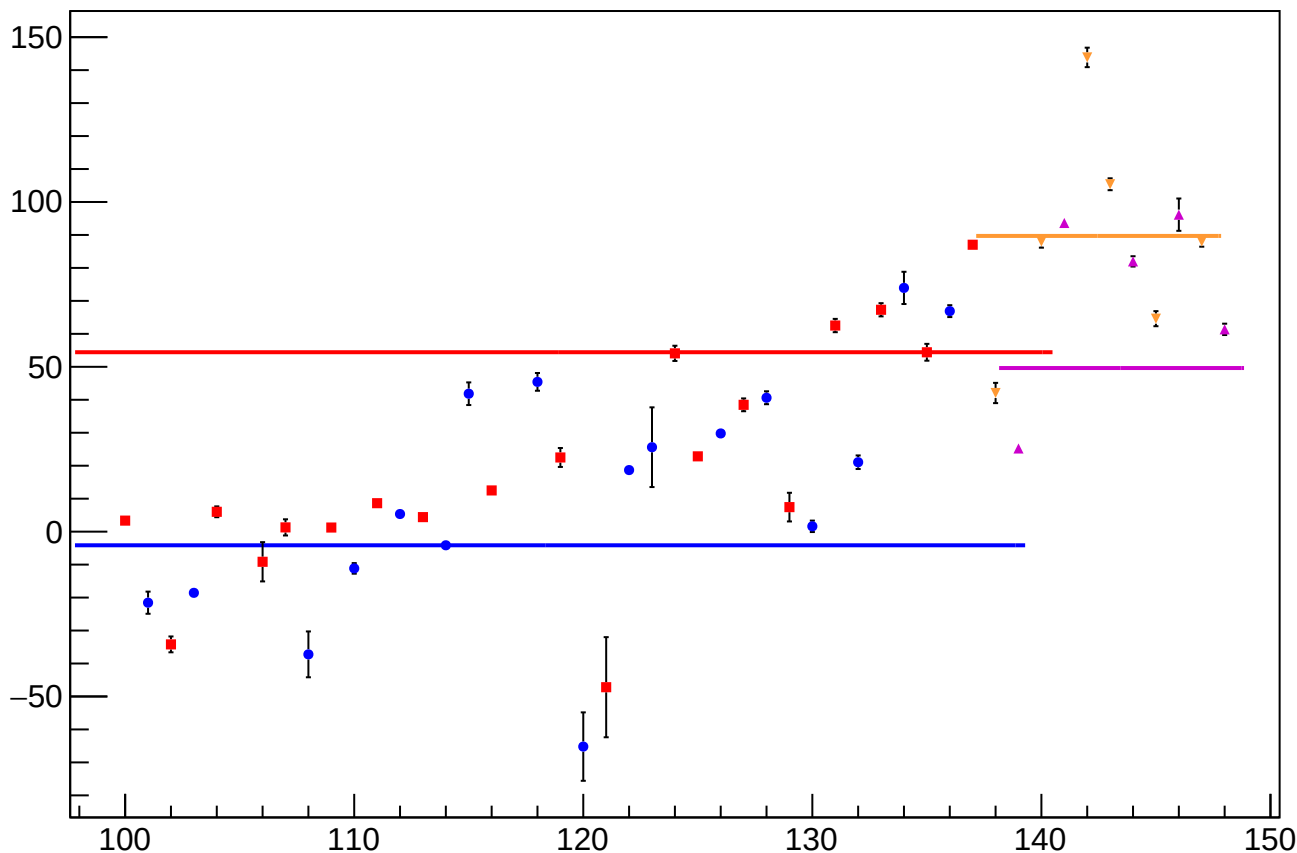
Left In: 29.549 ± 0.022 χ^2/NDF : 1847.0/4

+ 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 : 1240360.2/23

dit_sam4_4aX_slope vs Slug



Right In: -4.139 ± 0.000 χ^2/NDF : 4654.2/16

Left Out: 89.704 ± 0.841 χ^2/NDF : 774.7/5

Right Out: 54.427 ± 0.170 χ^2/NDF : 53998.7/18

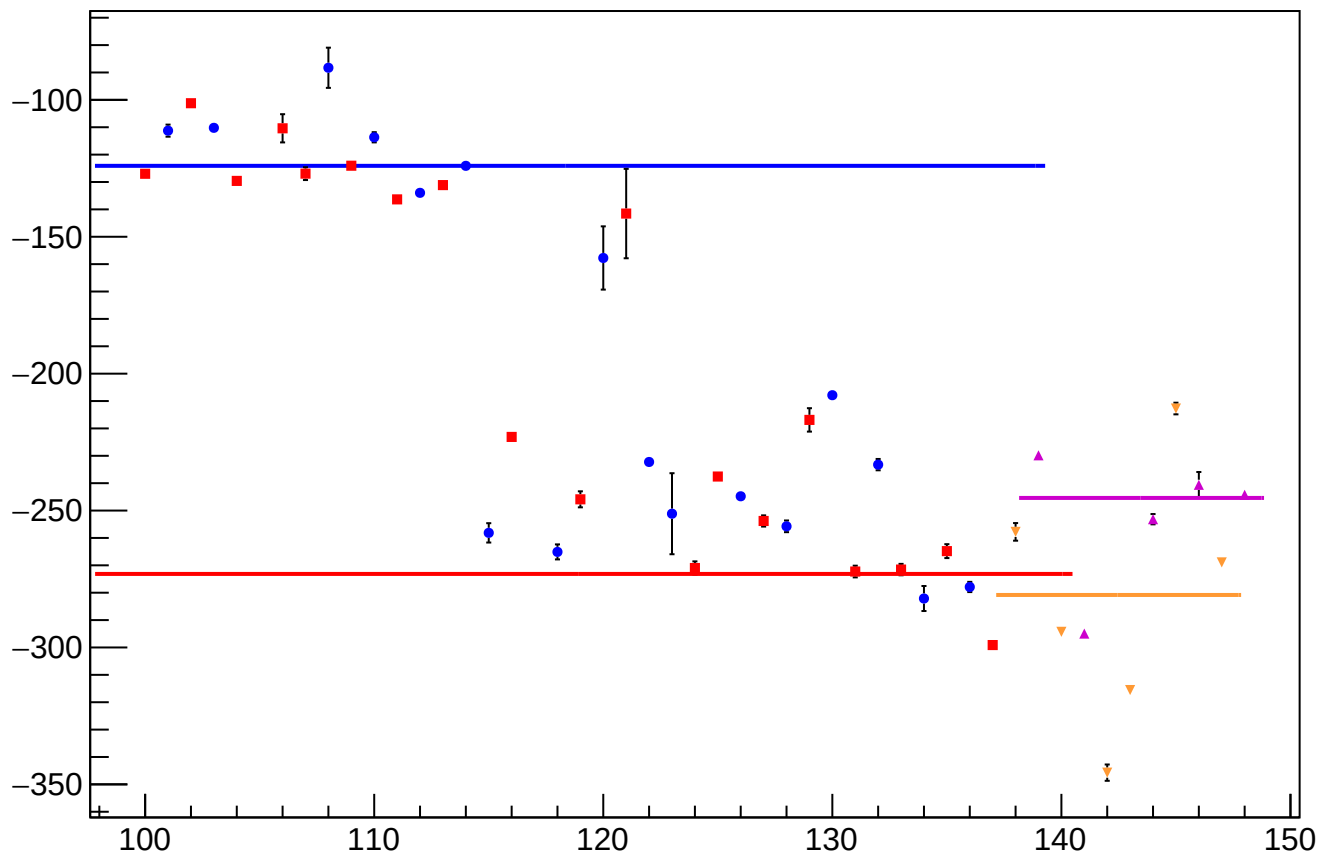
Left In: 49.631 ± 0.553 χ^2/NDF : 2857.2/4

+ sign -4.139 ± 0.000 χ^2/NDF : 17867.9/22

All: -4.139 ± 0.000 χ^2/NDF : 202560.2/46

- sign 54.011 ± 0.163 χ^2/NDF : 56924.6/23

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

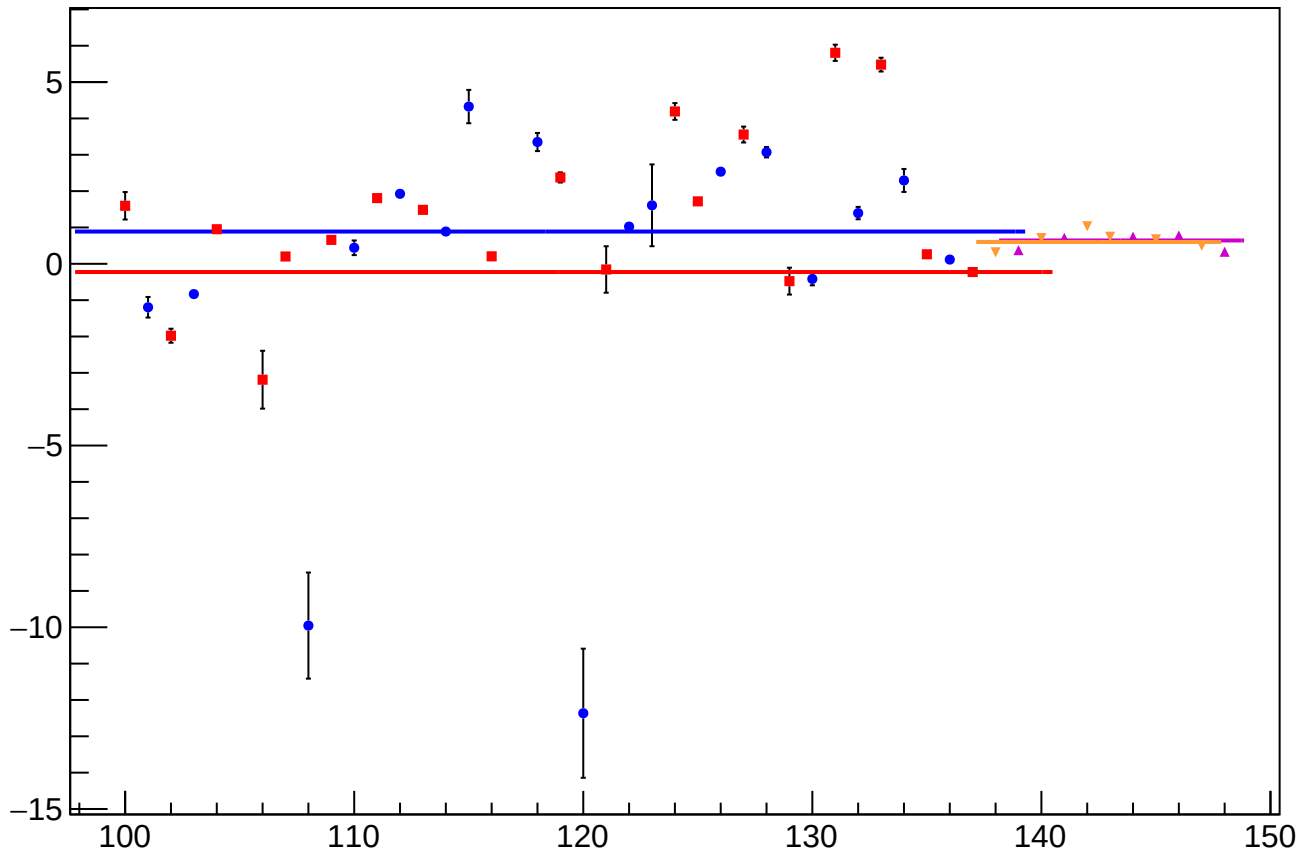
Left In: -245.387 $\pm$ 0.536 χ^2 /NDF:2128.8/4

+ sign -124.095 $\pm$ 0.000 χ^2 /NDF: 75632.5/22

All: -124.095 $\pm$ 0.000 χ^2 /NDF: 2157687.5/46

- sign -271.966 $\pm$ 0.110 χ^2 /NDF: 284843.3/23

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

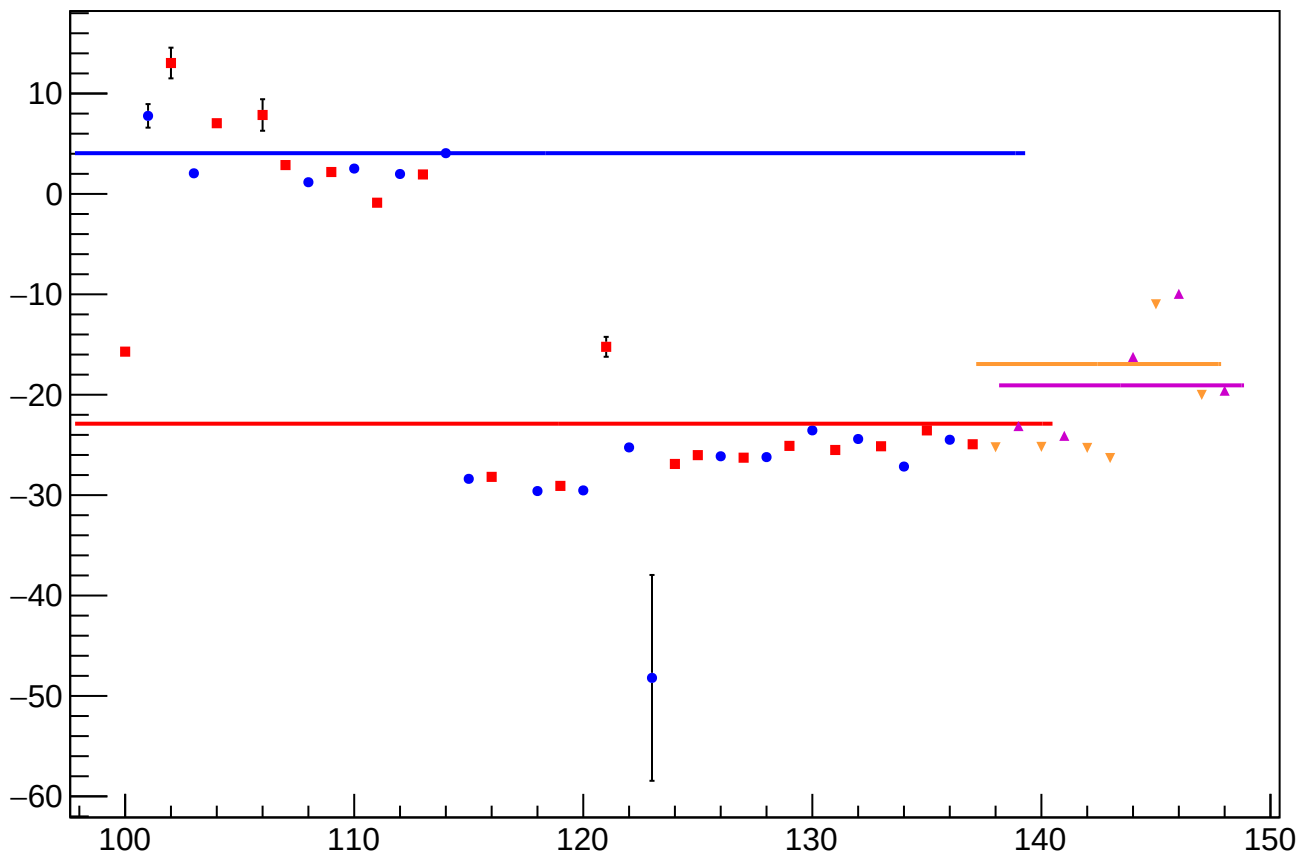
Left In: 0.642 ± 0.005 χ^2/NDF : 1055.9/4

+ sign 0.888 ± 0.000 χ^2/NDF : 11857.6/22

All: 0.888 ± 0.000 χ^2/NDF : 42227127.6/46

- sign -0.226 ± 0.000 χ^2/NDF : 35570.3/23

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

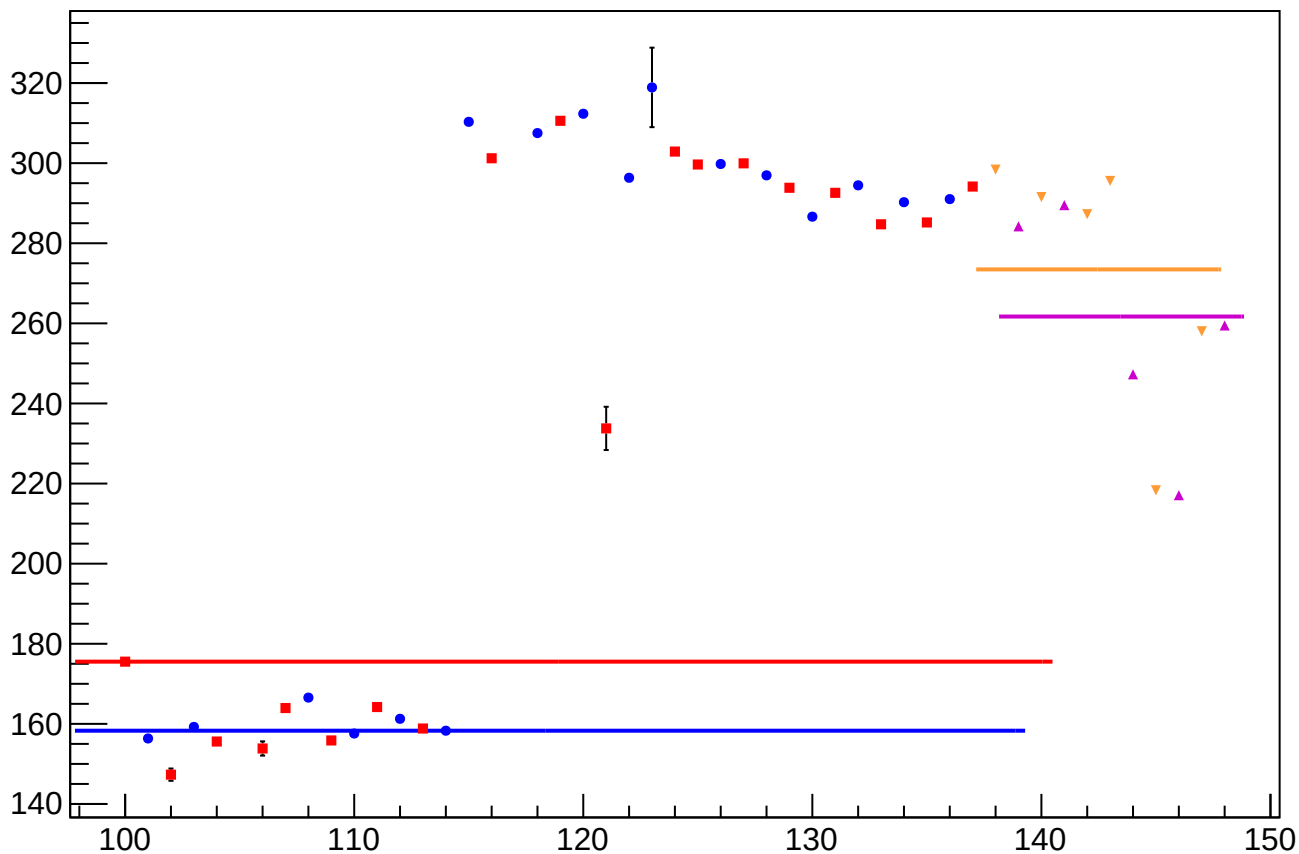
Left In: -19.066 ± 0.040 χ^2/NDF : 16758.4/4

+ sign 4.057 ± 0.000 χ^2/NDF : 2056616.2/22

All: 4.057 ± 0.000 χ^2/NDF : 3578776.3/46

- sign -21.715 ± 0.022 χ^2/NDF : 139718.2/23

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

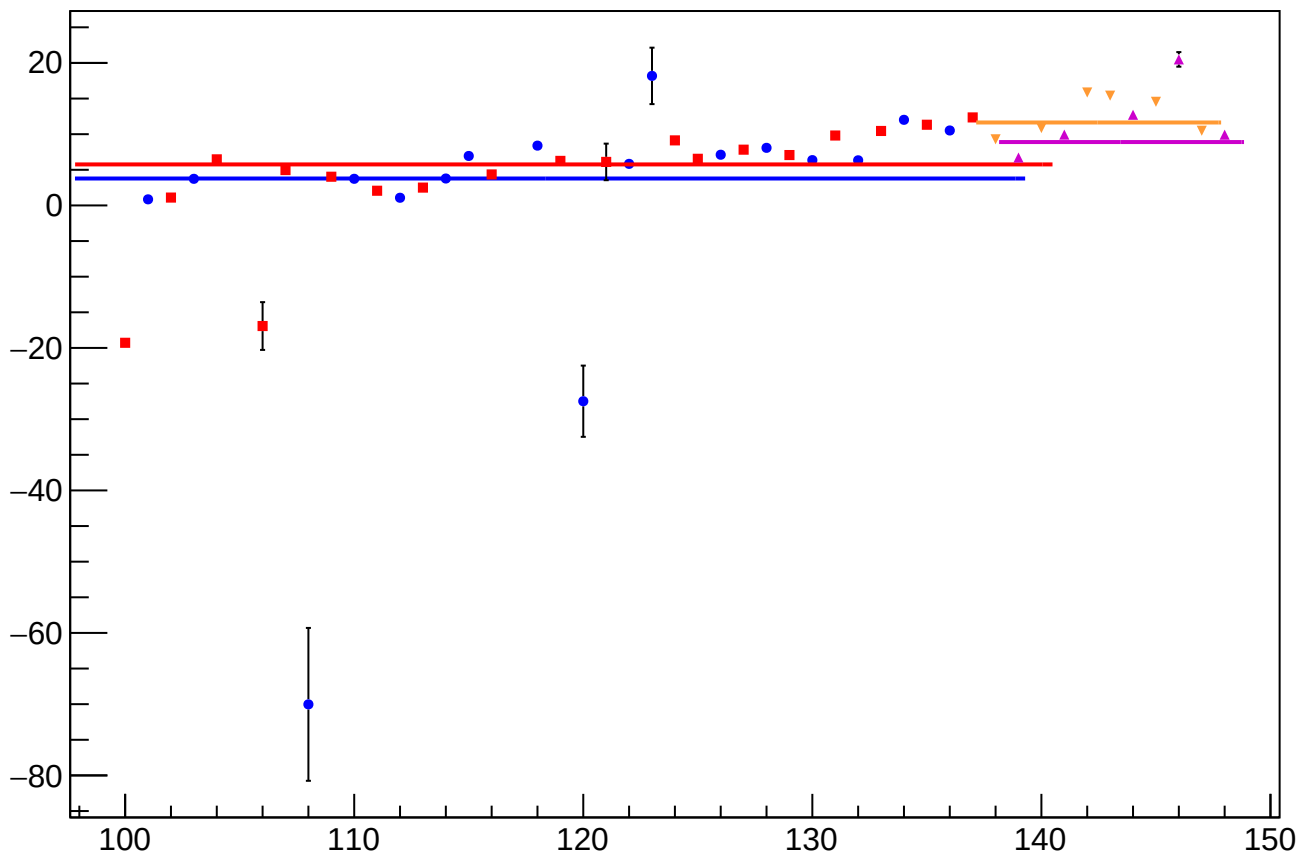
Left In: 261.707+/-0.082 χ^2/NDF :36626.4/4

+ 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 : 3230773.3/23

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

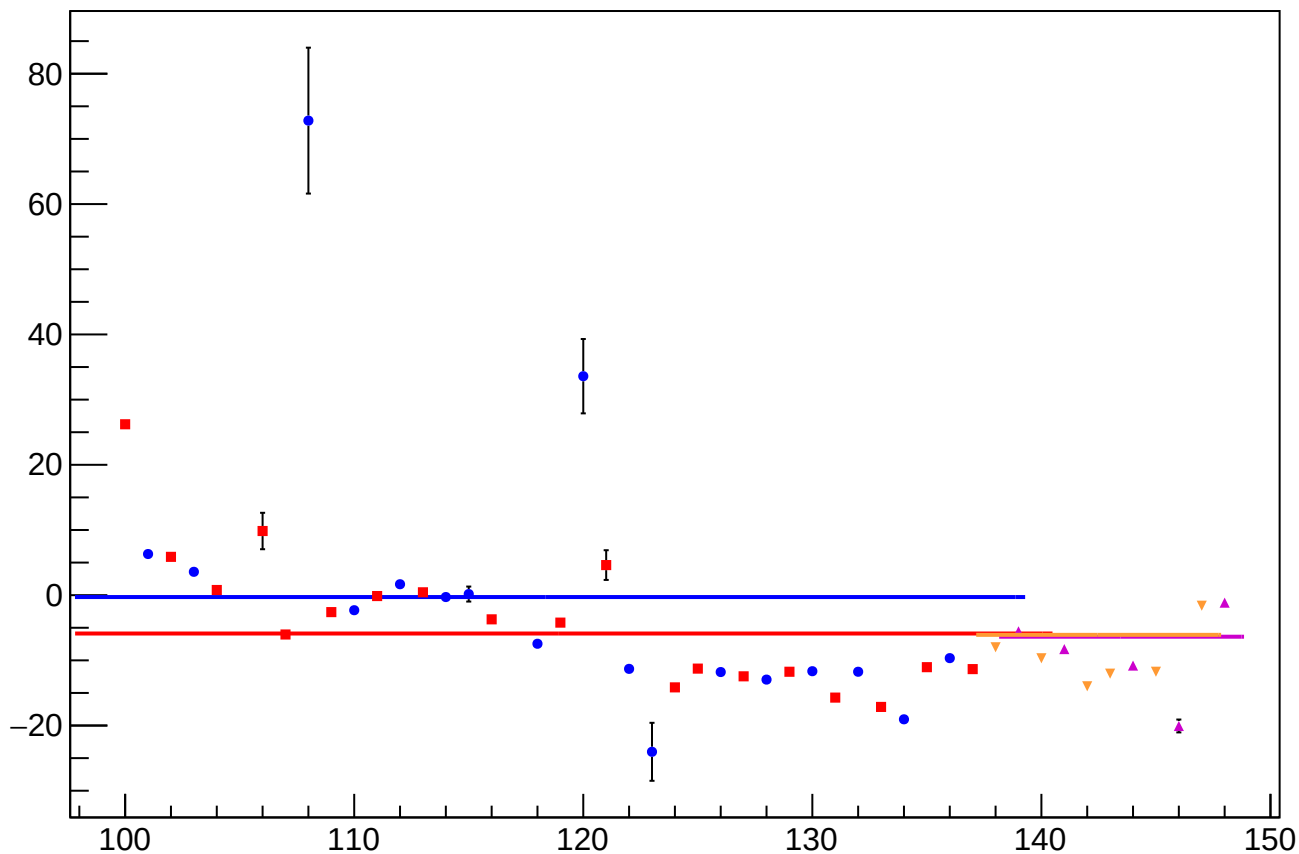
Left In: 8.896 ± 0.057 χ^2/NDF : 1394.8/4

+ sign 3.778 ± 0.000 χ^2/NDF : 17934.1/22

All: 3.778 ± 0.000 χ^2/NDF : 55509.7/46

- sign 6.285 ± 0.023 χ^2/NDF : 26189.7/23

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

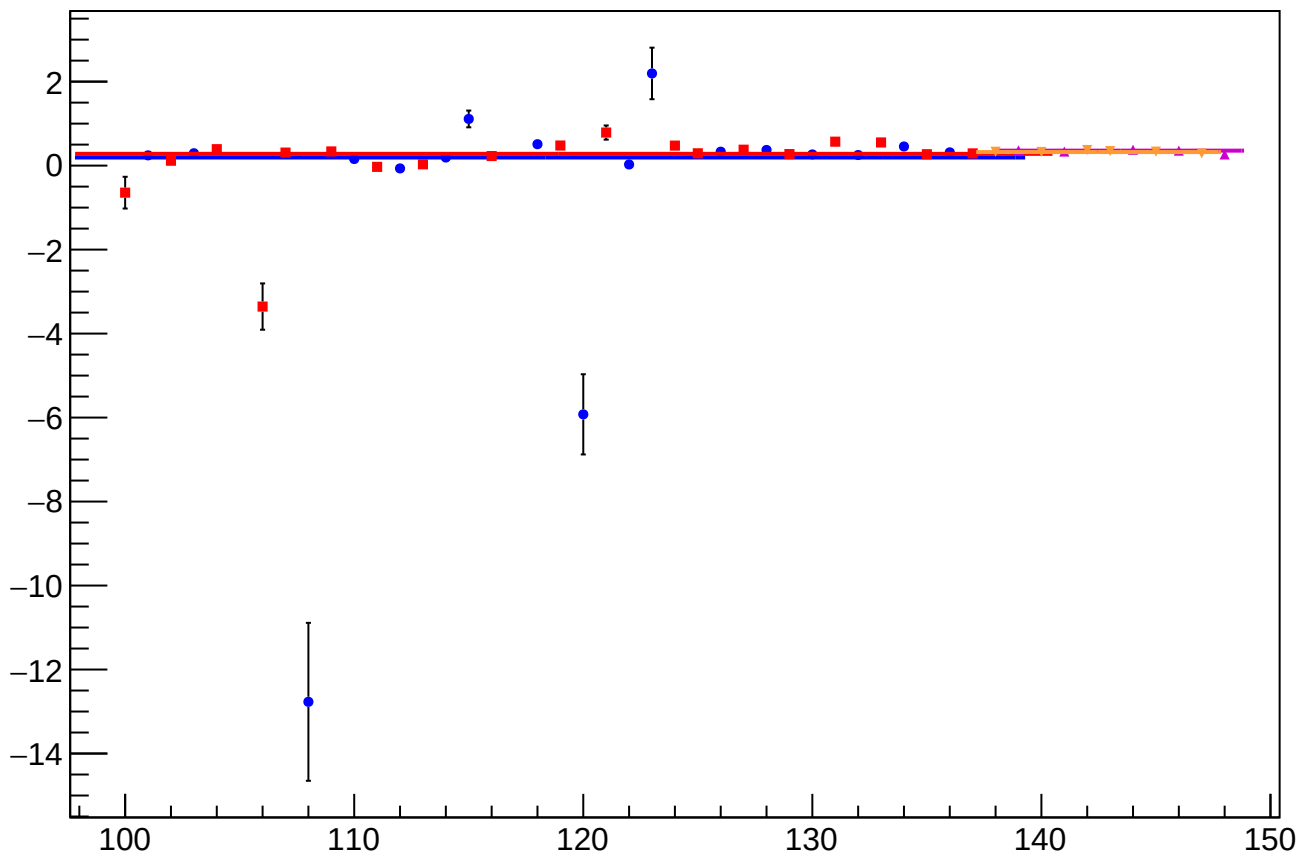
Left In: -6.372 ± 0.060 χ^2/NDF : 2580.9/4

+ sign -0.287 ± 0.000 χ^2/NDF : 53968.5/22

All: -0.287 ± 0.000 χ^2/NDF : 172585.2/46

- sign -5.965 ± 0.025 χ^2/NDF : 66130.1/23

dit_sam5_11X12X_slope vs Slug



Right In: 0.193 $\pm$ 0.000 χ^2 /NDF: 10027.5/16

Left Out: 0.323 $\pm$ 0.001 χ^2 /NDF: 495.2/5

Right Out: 0.280 $\pm$ 0.001 χ^2 /NDF: 6059.0/18

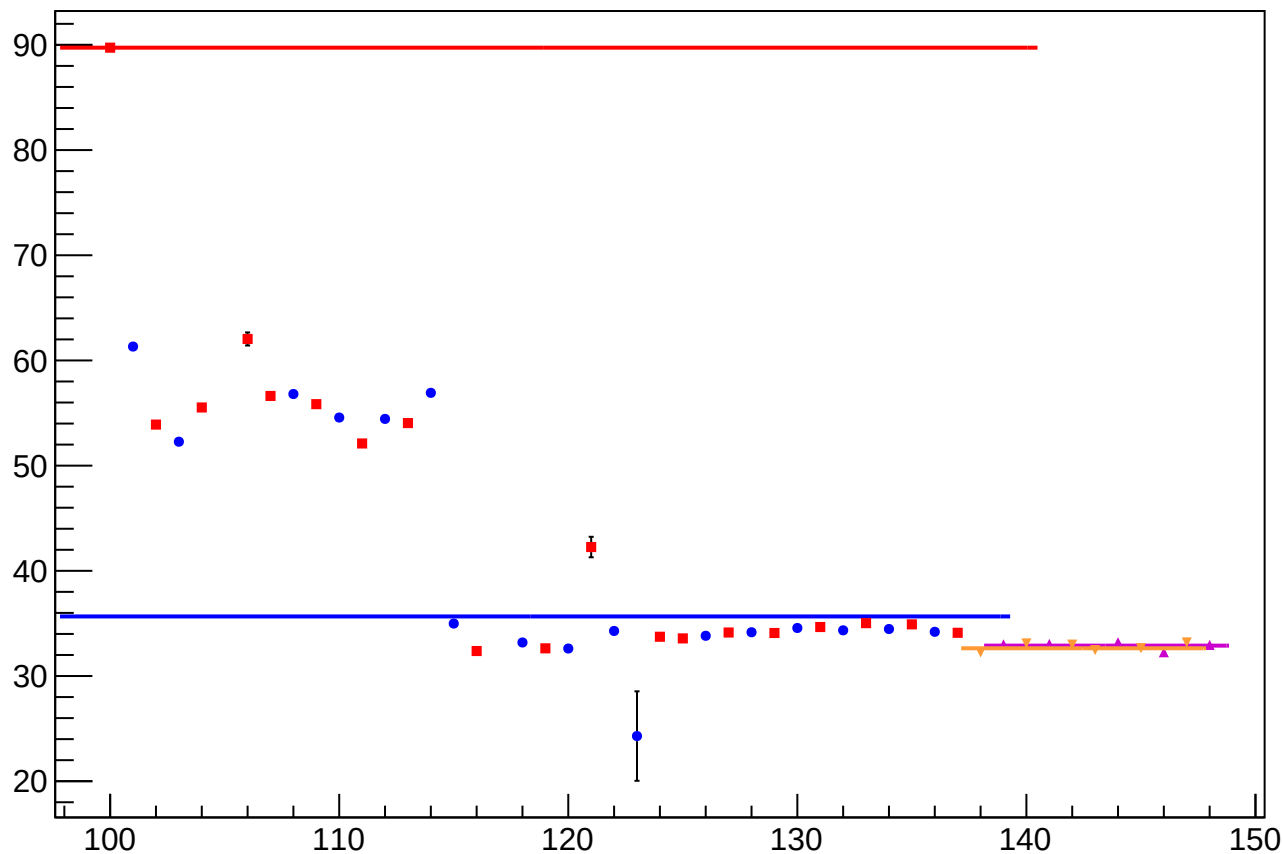
Left In: 0.356 $\pm$ 0.001 χ^2 /NDF: 1273.3/4

+ sign 0.193 $\pm$ 0.000 χ^2 /NDF: 27717.1/22

All: 0.193 $\pm$ 0.000 χ^2 /NDF: 57929.2/46

- sign 0.327 $\pm$ 0.001 χ^2 /NDF: 8953.5/23

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

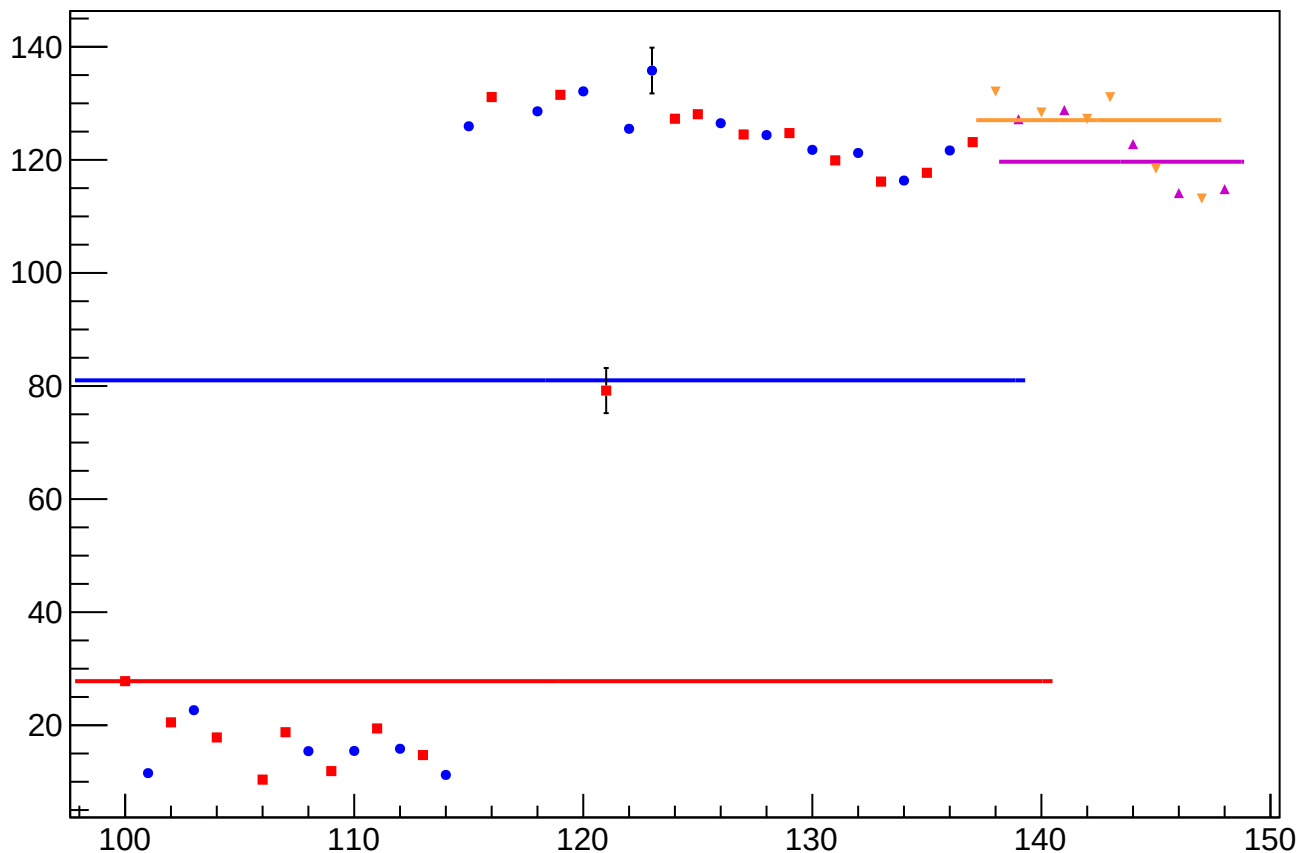
Left In: 32.889 $\pm$ 0.013 χ^2 /NDF: 832.6/4

+ sign 34.191 $\pm$ 0.008 χ^2 /NDF: 253923.3/22

All: 89.735 $\pm$ 0.000 χ^2 /NDF: 92793285.6/46

- sign 89.735 $\pm$ 0.000 χ^2 /NDF: 46029681.4/23

dit_sam5_4eY_slope vs Slug



Right In: 81.005 ± 0.035 $\chi^2/\text{NDF}: 2228881.4/16$

Left Out: 127.026 ± 0.033 $\chi^2/\text{NDF}: 31999.9/5$

Right Out: 27.798 ± 0.000 $\chi^2/\text{NDF}: 9183707.8/18$

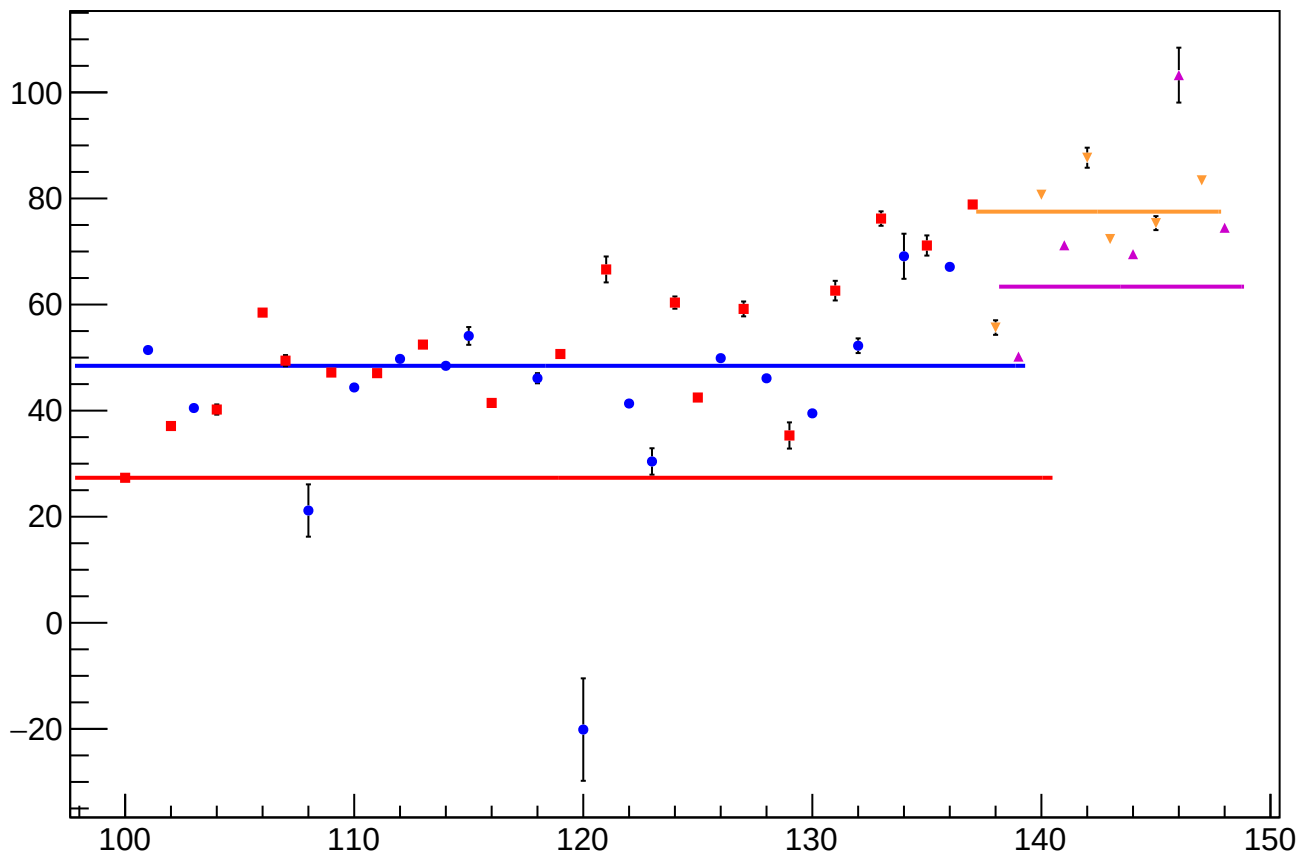
Left In: 119.672 ± 0.039 $\chi^2/\text{NDF}: 26087.0/4$

+ sign 105.015 ± 0.024 $\chi^2/\text{NDF}: 3187484.7/22$

All: 27.798 ± 0.000 $\chi^2/\text{NDF}: 28515108.7/46$

- sign 27.798 ± 0.000 $\chi^2/\text{NDF}: 14873435.4/23$

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

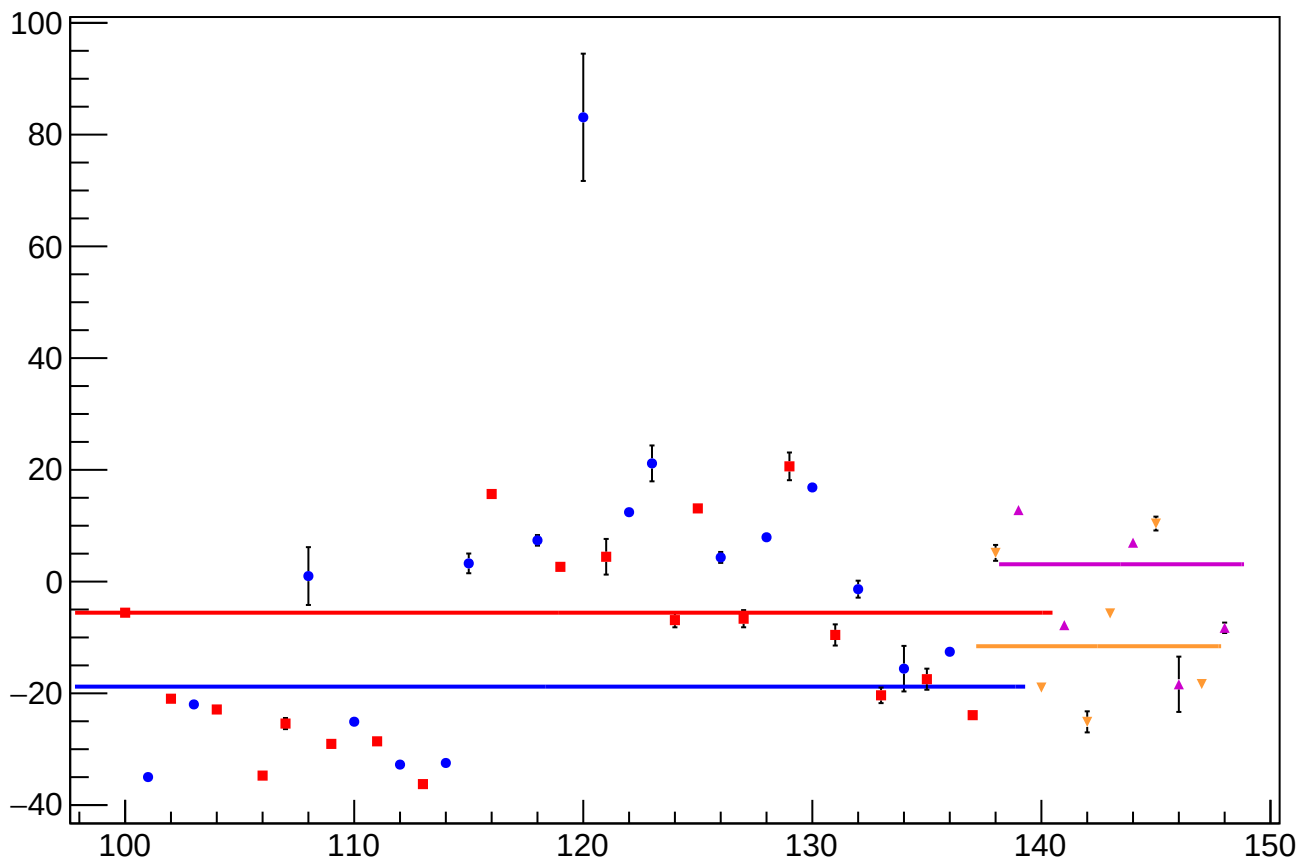
Left In: 63.374 $\pm$ 0.312 χ^2 /NDF:1139.1/4

+ sign 48.450 $\pm$ 0.000 χ^2 /NDF: 9013.0/22

All: 28.365 $\pm$ 0.000 χ^2 /NDF: 1026290104888

- sign 27.342 $\pm$ 0.000 χ^2 /NDF: 40292.8/23

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 $\chi^2/\text{NDF}: 23097.3/18$

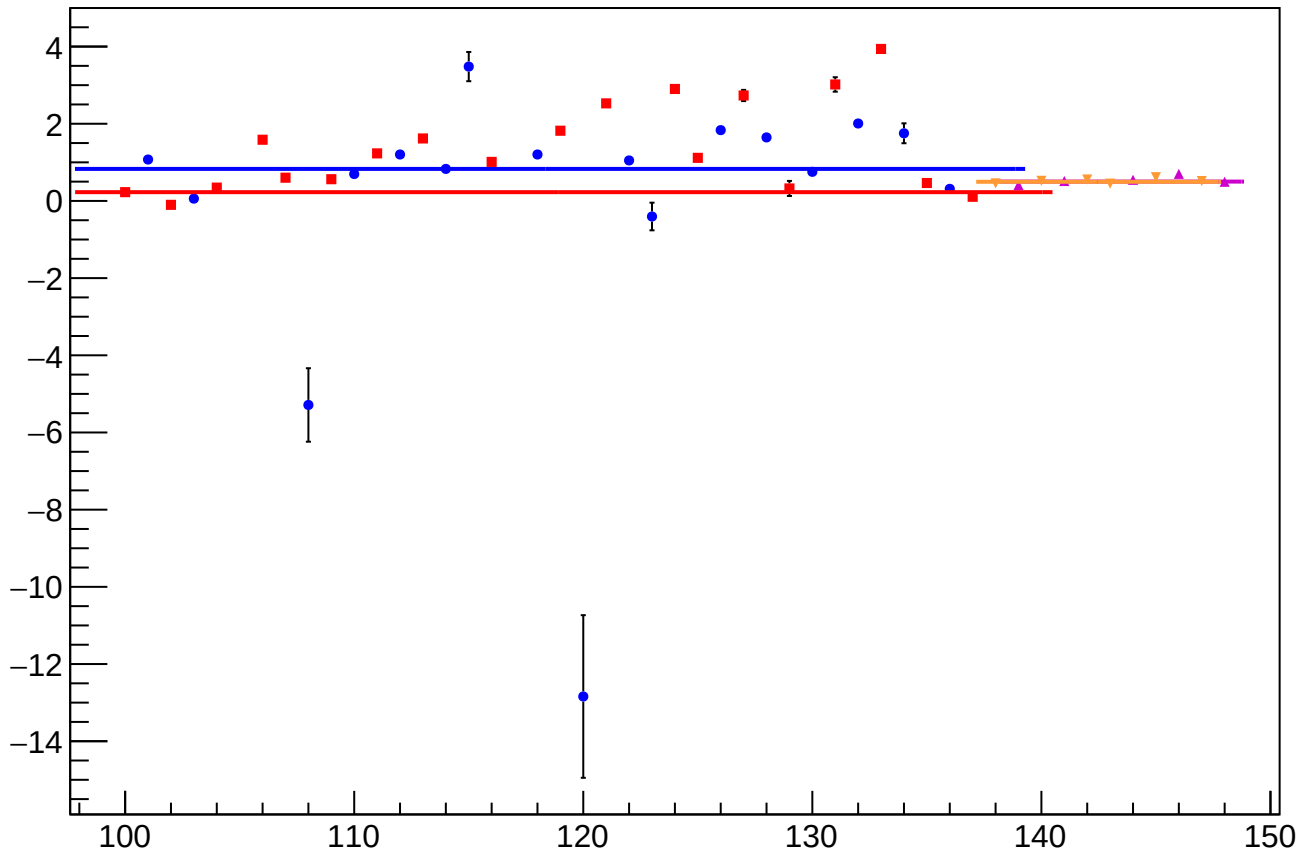
Left In: 3.101 ± 0.307 $\chi^2/\text{NDF}: 958.4/4$

+ sign -17.826 ± 0.138 $\chi^2/\text{NDF}: 12843.2/22$

All: -5.568 ± 0.000 $\chi^2/\text{NDF}: 45577.1/46$

- sign -5.568 ± 0.000 $\chi^2/\text{NDF}: 24852.6/23$

dit_sam6_11X12X_slope vs Slug



Right In: 0.830 ± 0.000 χ^2/NDF : 14882.7/16

Left Out: 0.496 ± 0.002 χ^2/NDF : 291.5/5

Right Out: 0.227 ± 0.000 χ^2/NDF : 11819.9/18

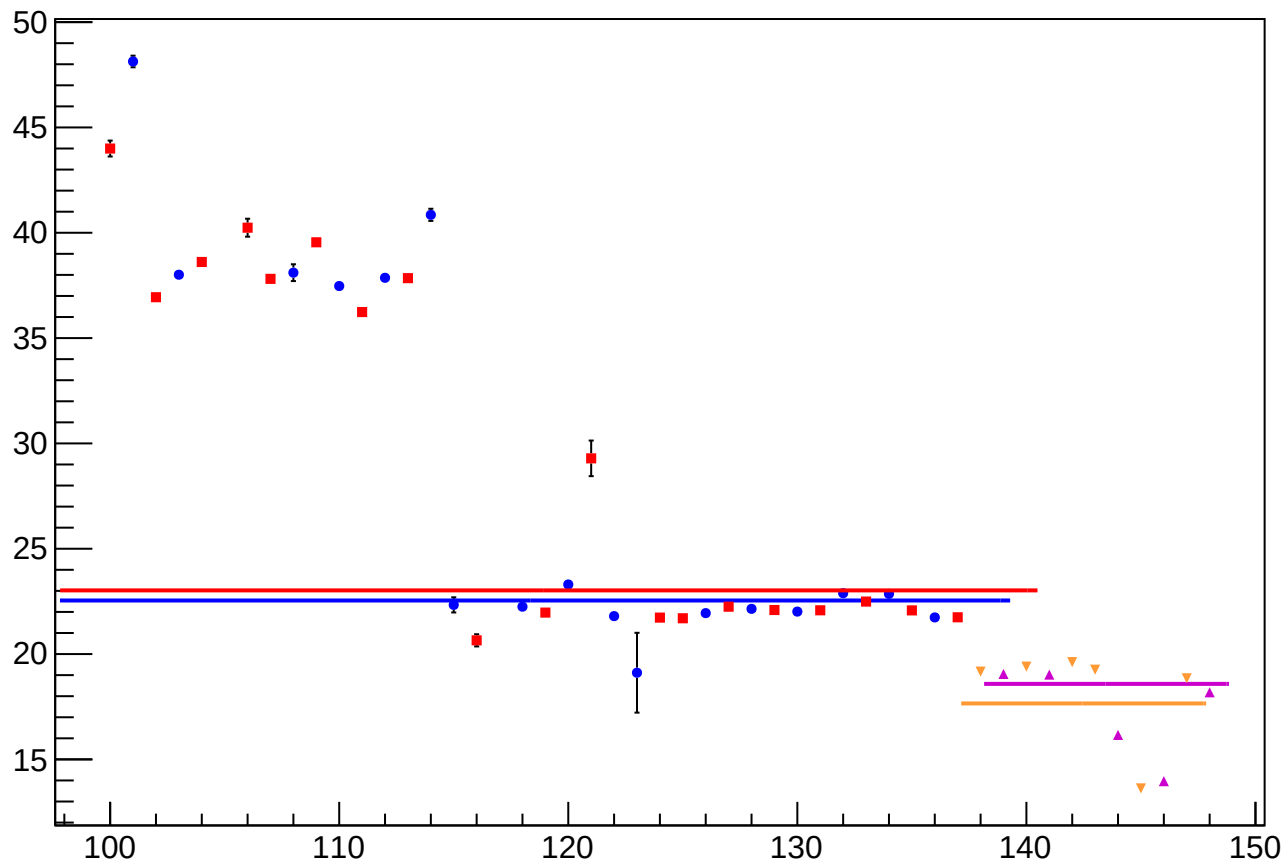
Left In: 0.502 ± 0.003 χ^2/NDF : 439.8/4

+ sign 0.830 ± 0.000 χ^2/NDF : 35354.5/22

All: 0.289 ± 0.000 χ^2/NDF : 29066082561457

- sign 0.227 ± 0.000 χ^2/NDF : 24022.9/23

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

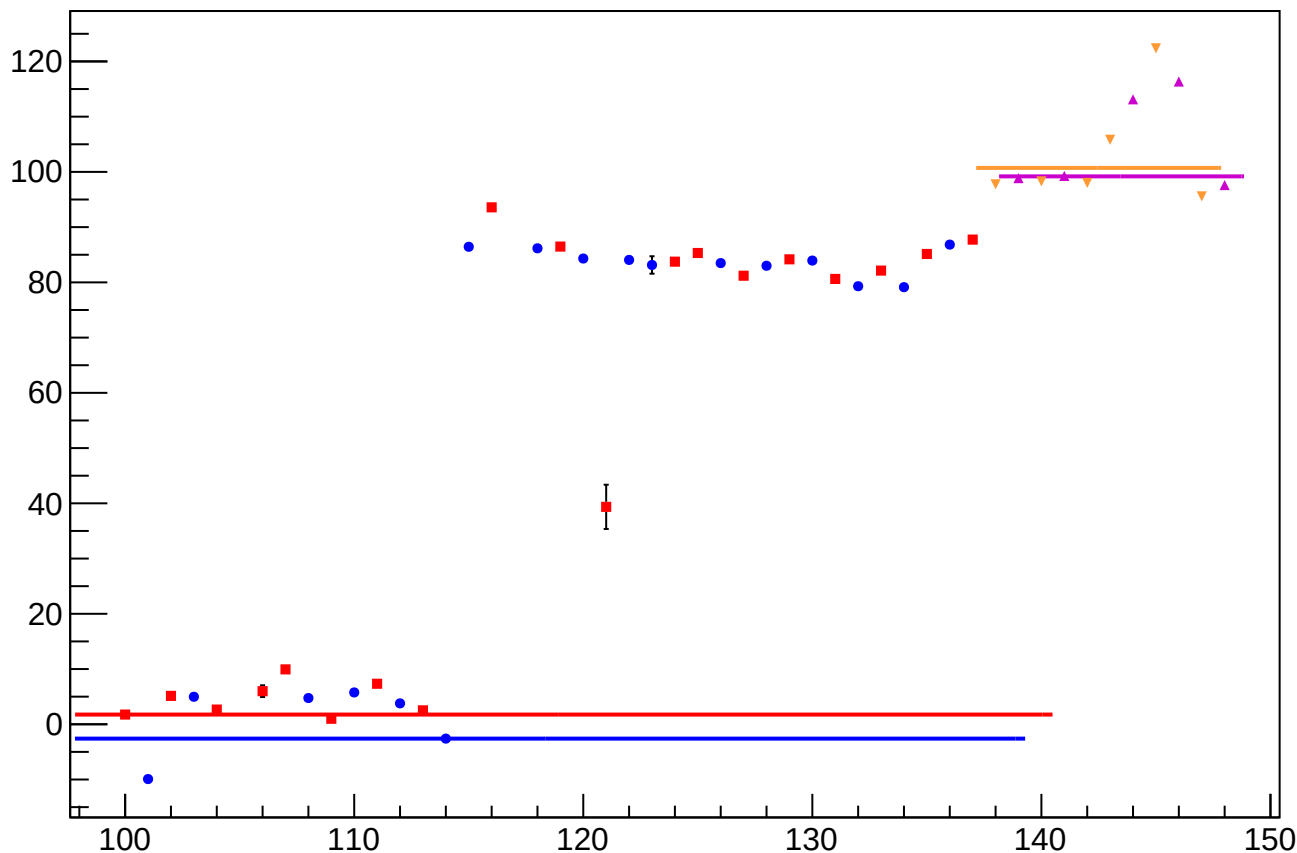
Left In: 18.584 $\pm$ 0.015 χ^2 /NDF: 7371.1/4

+ sign 20.250 $\pm$ 0.007 χ^2 /NDF: 302496.9/22

All: 20.938 $\pm$ 0.005 χ^2 /NDF: 563835.8/46

- sign 21.835 $\pm$ 0.008 χ^2 /NDF: 237632.0/23

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

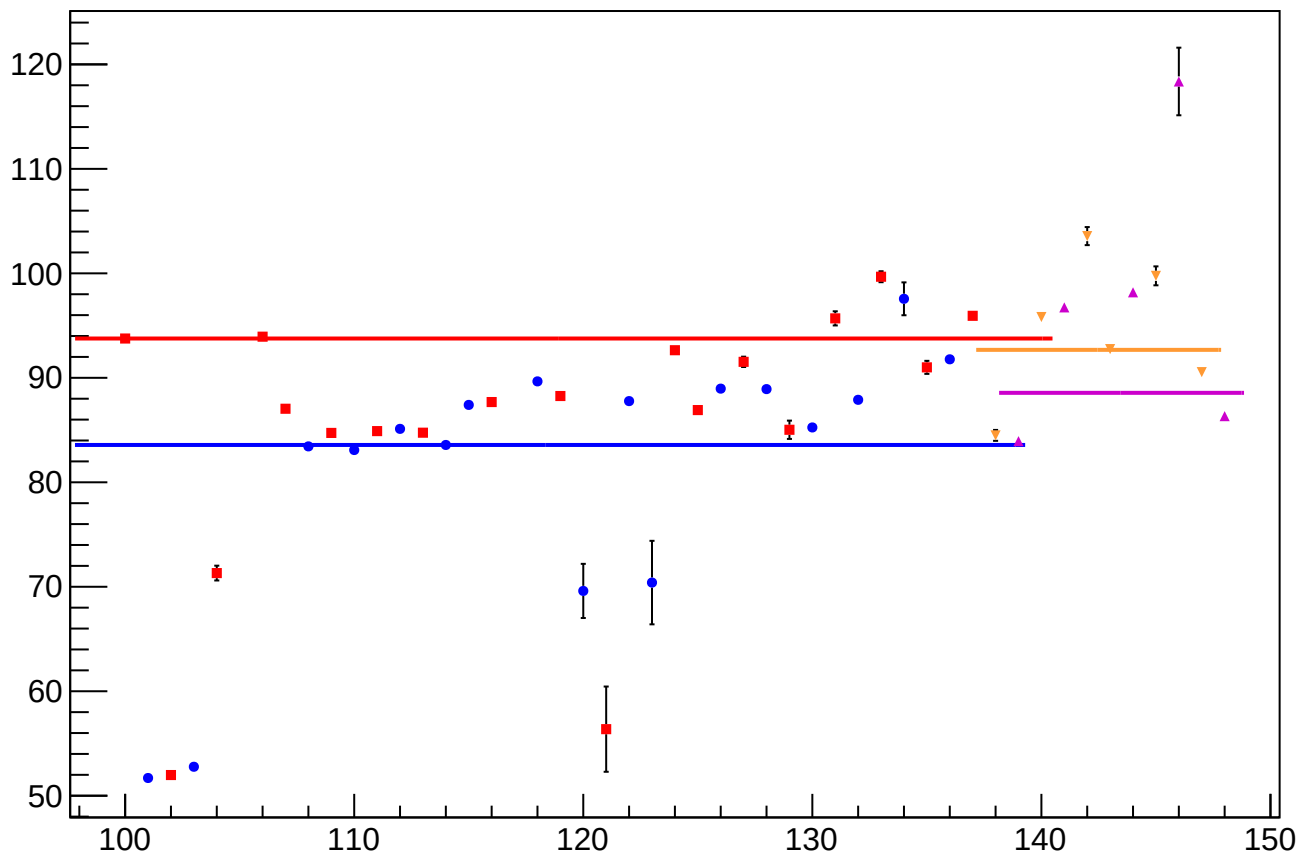
Left In: 99.190+/-0.028 χ^2/NDF :5281.2/4

+ 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 : 16257492.3/23

dit_sam7_4aX_slope vs Slug



Right In: 83.573 ± 0.000 $\chi^2/NDF: 49468.0/16$

Left Out: 92.676 ± 0.147 $\chi^2/NDF: 631.4/5$

Right Out: 93.762 ± 0.000 $\chi^2/NDF: 82848.8/18$

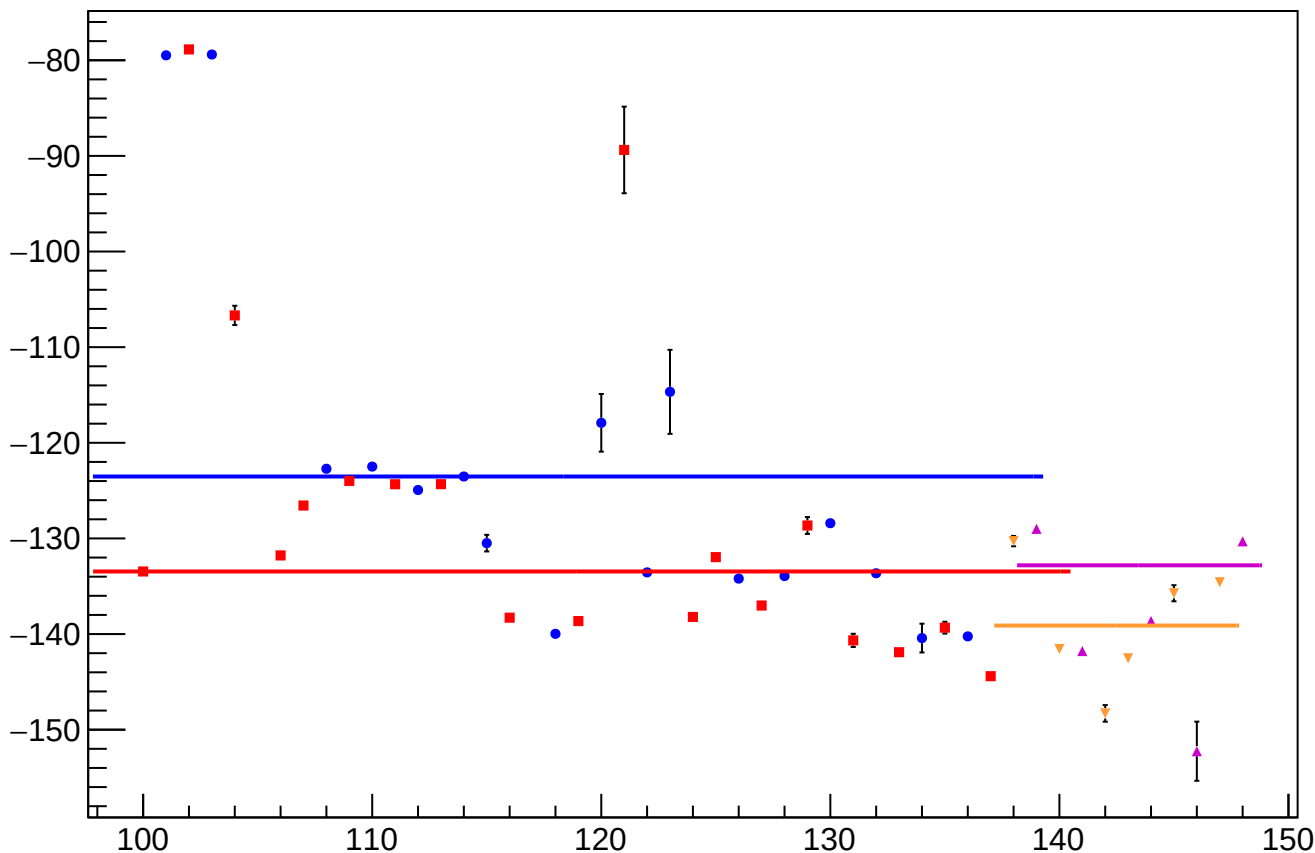
Left In: 88.562 ± 0.132 $\chi^2/NDF: 2152.9/4$

+ sign 83.573 ± 0.000 $\chi^2/NDF: 53944.6/22$

All: 87.169 ± 0.000 $\chi^2/NDF: 1995684404141$

- sign 93.762 ± 0.000 $\chi^2/NDF: 86563.9/23$

dit_sam7_4eX_slope vs Slug



Right In: -123.524 ± 0.000 χ^2/NDF : 160356.5/16

Left Out: -139.111 ± 0.146 χ^2/NDF : 928.4/5

Right Out: -133.456 ± 0.000 χ^2/NDF : 394896.3/18

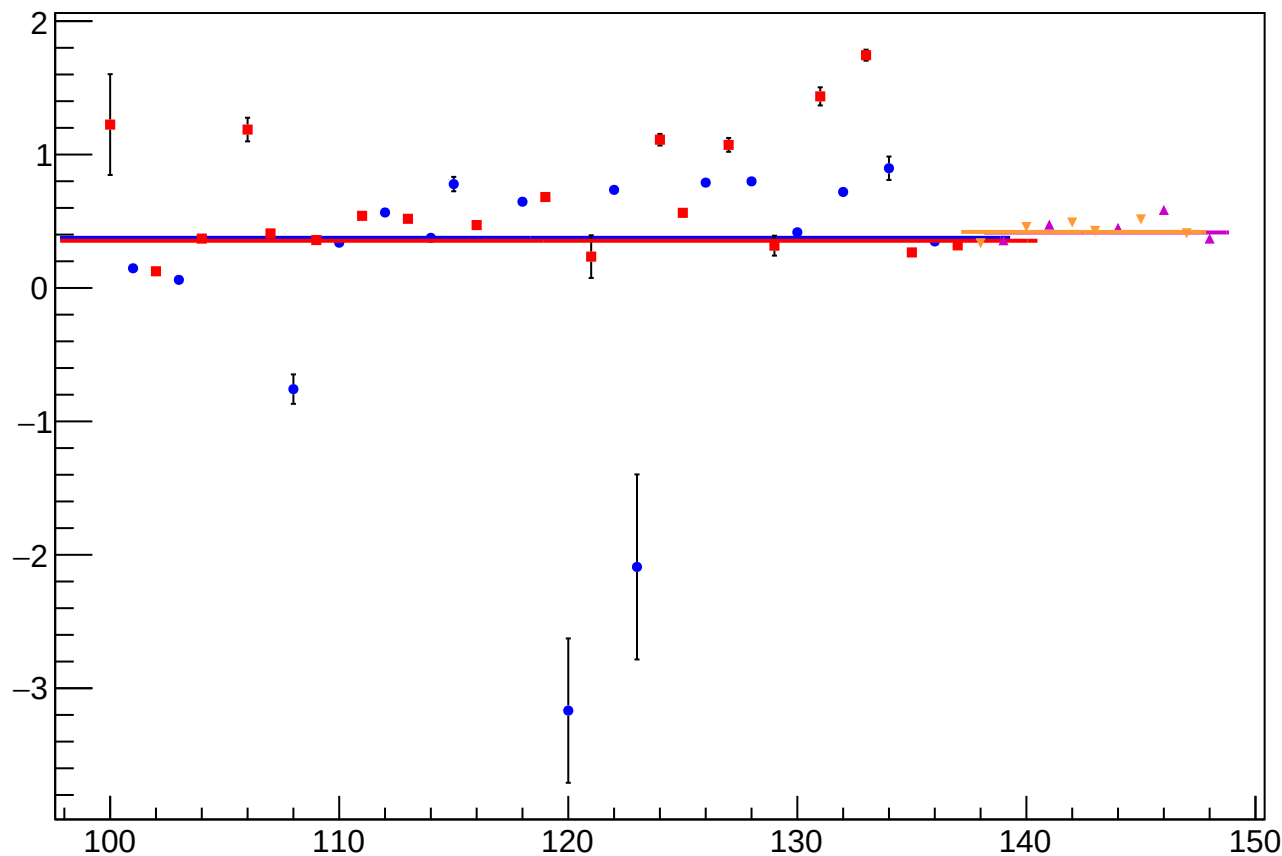
Left In: -132.811 ± 0.127 χ^2/NDF : 1737.8/4

+ sign -123.524 ± 0.000 χ^2/NDF : 172733.6/22

All: -124.716 ± 0.000 χ^2/NDF : 64467869901

- sign -133.456 ± 0.000 χ^2/NDF : 396659.8/23

dit_sam7_11X12X_slope vs Slug



Right In: 0.376 $\pm$ 0.000 χ^2 /NDF: 3961.7/16

Left Out: 0.420 $\pm$ 0.001 χ^2 /NDF: 759.9/5

Right Out: 0.354 $\pm$ 0.002 χ^2 /NDF: 4592.7/18

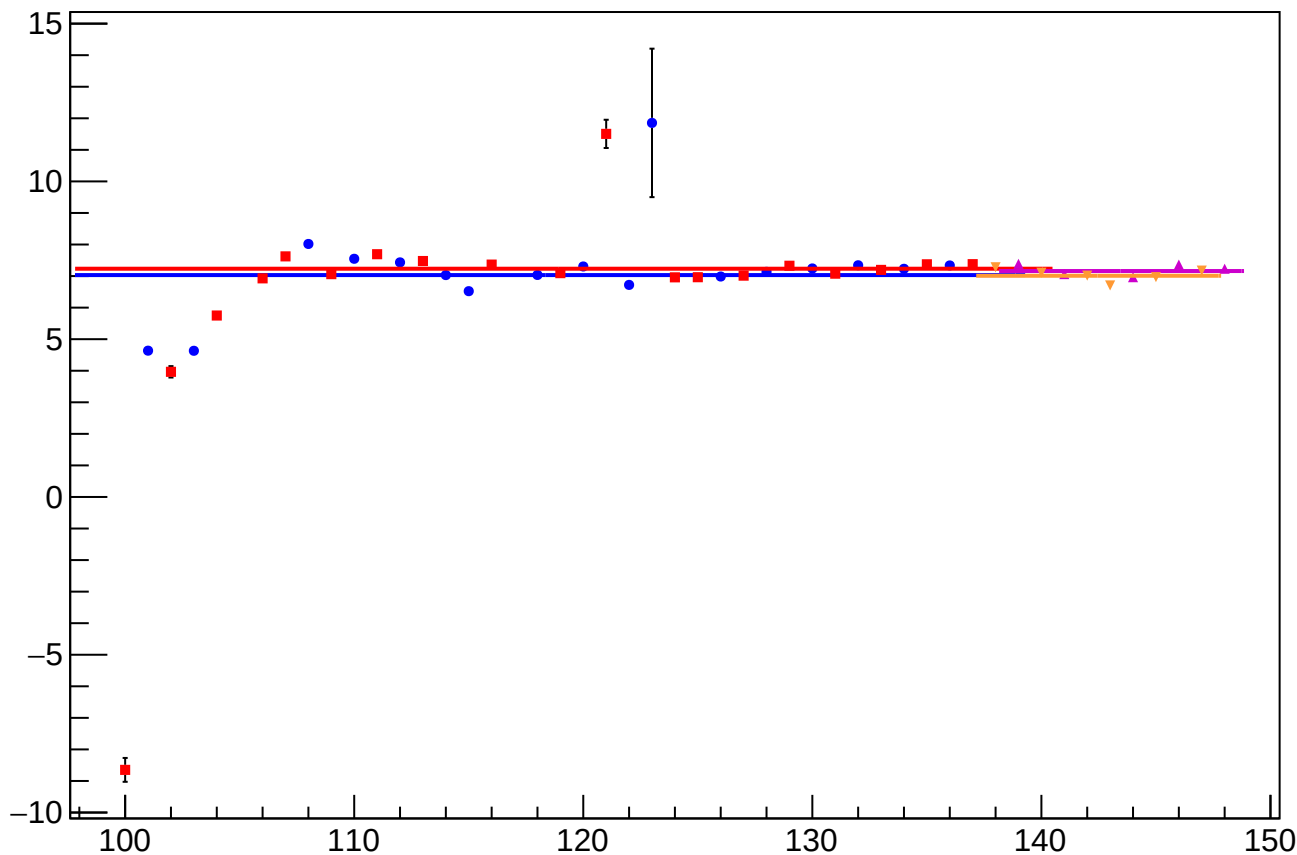
Left In: 0.416 $\pm$ 0.001 χ^2 /NDF: 2833.8/4

+ sign 0.376 $\pm$ 0.000 χ^2 /NDF: 6393.7/22

All: 0.376 $\pm$ 0.000 χ^2 /NDF: 15535.2/46

- sign 0.396 $\pm$ 0.001 χ^2 /NDF: 8572.5/23

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

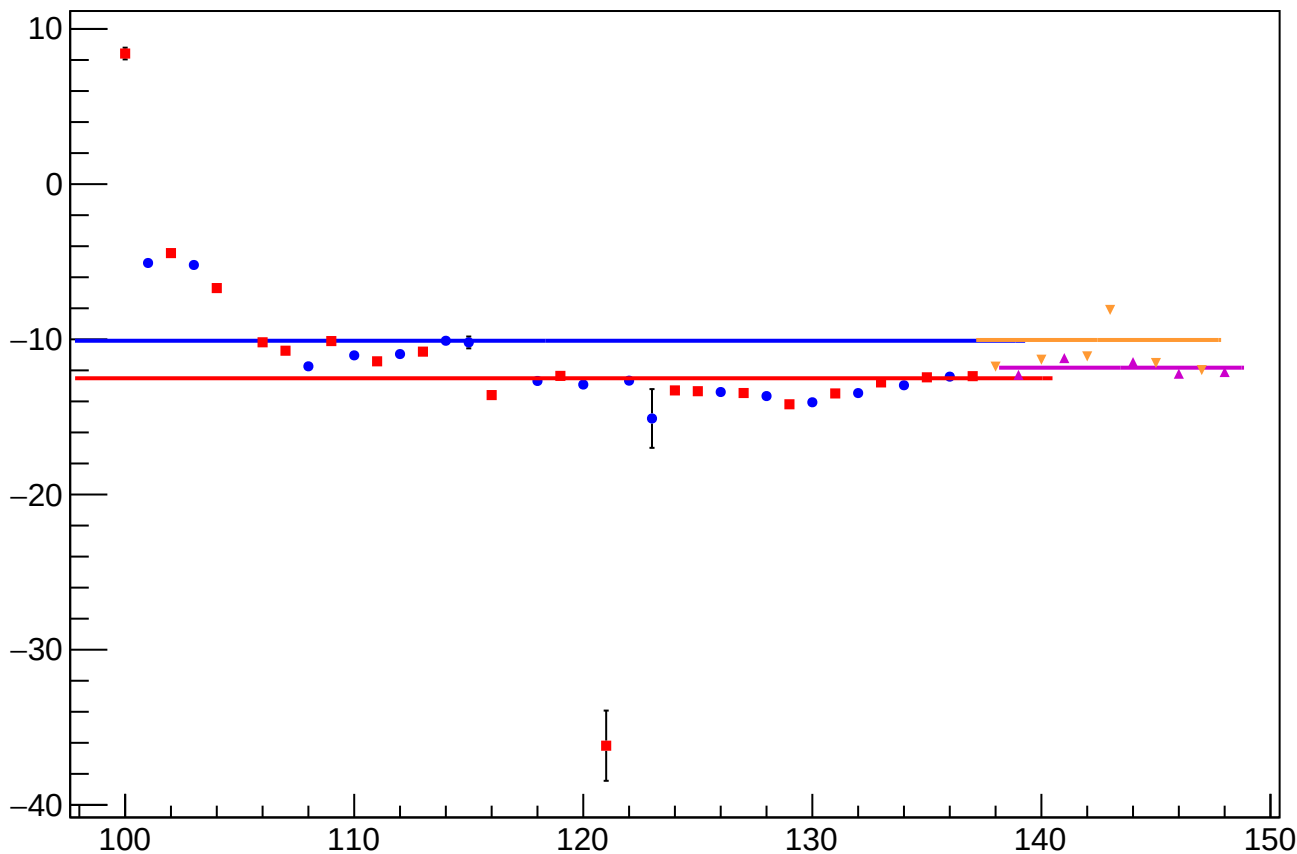
Left In: 7.160 ± 0.002 χ^2/NDF : 6209.3/4

+ sign 7.032 ± 0.000 χ^2/NDF : 29576.1/22

All: 7.032 ± 0.000 χ^2/NDF : 56696.3/46

- sign 7.192 ± 0.002 χ^2/NDF : 16800.0/23

dit_sam7_4eY_slope vs Slug



Right In: -10.092 ± 0.000 $\chi^2/\text{NDF}: 543504.2/16$

Left Out: -10.041 ± 0.004 $\chi^2/\text{NDF}: 200910.3/5$

Right Out: -12.509 ± 0.004 $\chi^2/\text{NDF}: 103509.4/18$

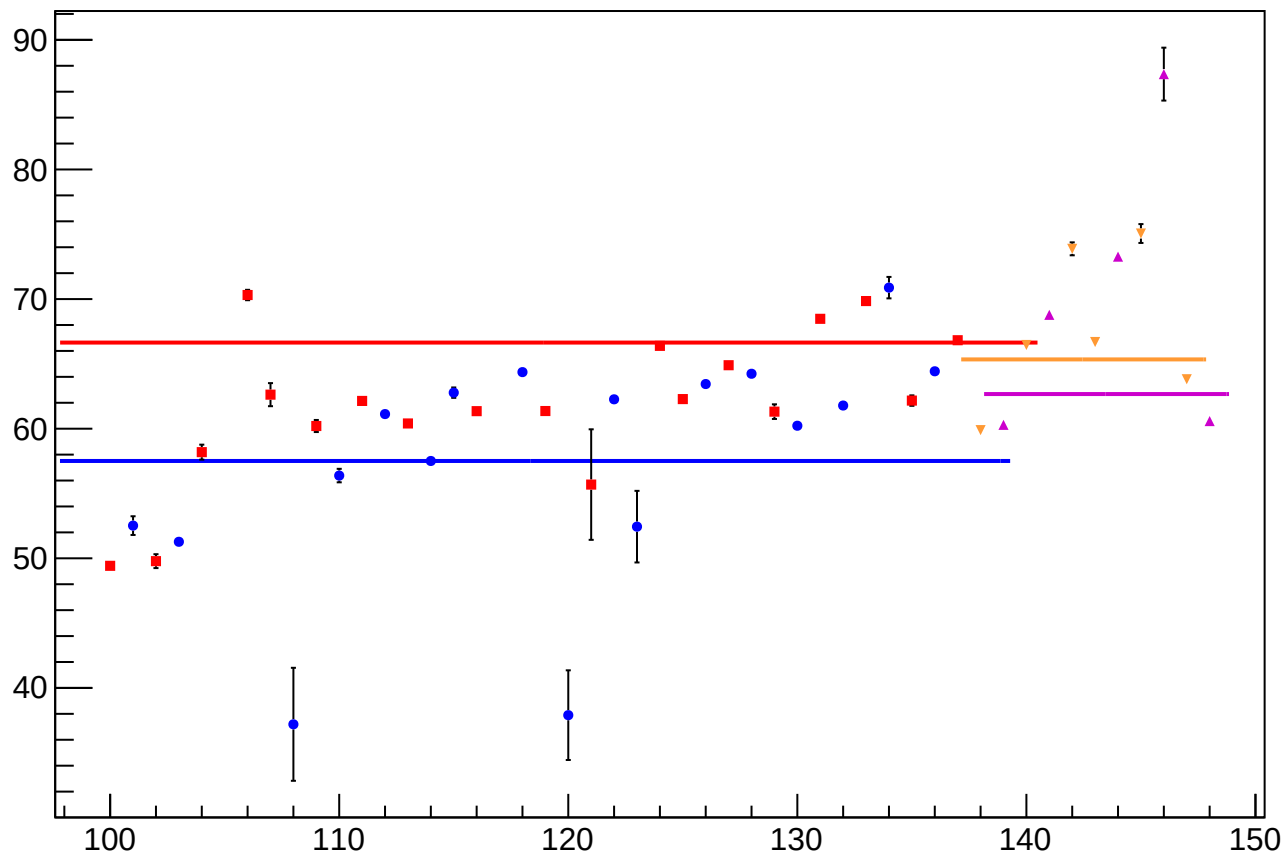
Left In: -11.827 ± 0.005 $\chi^2/\text{NDF}: 7264.8/4$

+ sign -10.092 ± 0.000 $\chi^2/\text{NDF}: 744565.6/22$

All: -10.092 ± 0.000 $\chi^2/\text{NDF}: 1400134.8/46$

- sign -12.252 ± 0.003 $\chi^2/\text{NDF}: 123216.6/23$

dit_sam8_4aX_slope vs Slug



Right In: 57.510 ± 0.000 χ^2/NDF : 8108.6/16

Left Out: 65.346 ± 0.097 χ^2/NDF : 993.9/5

Right Out: 66.645 ± 0.013 χ^2/NDF : 8163.8/18

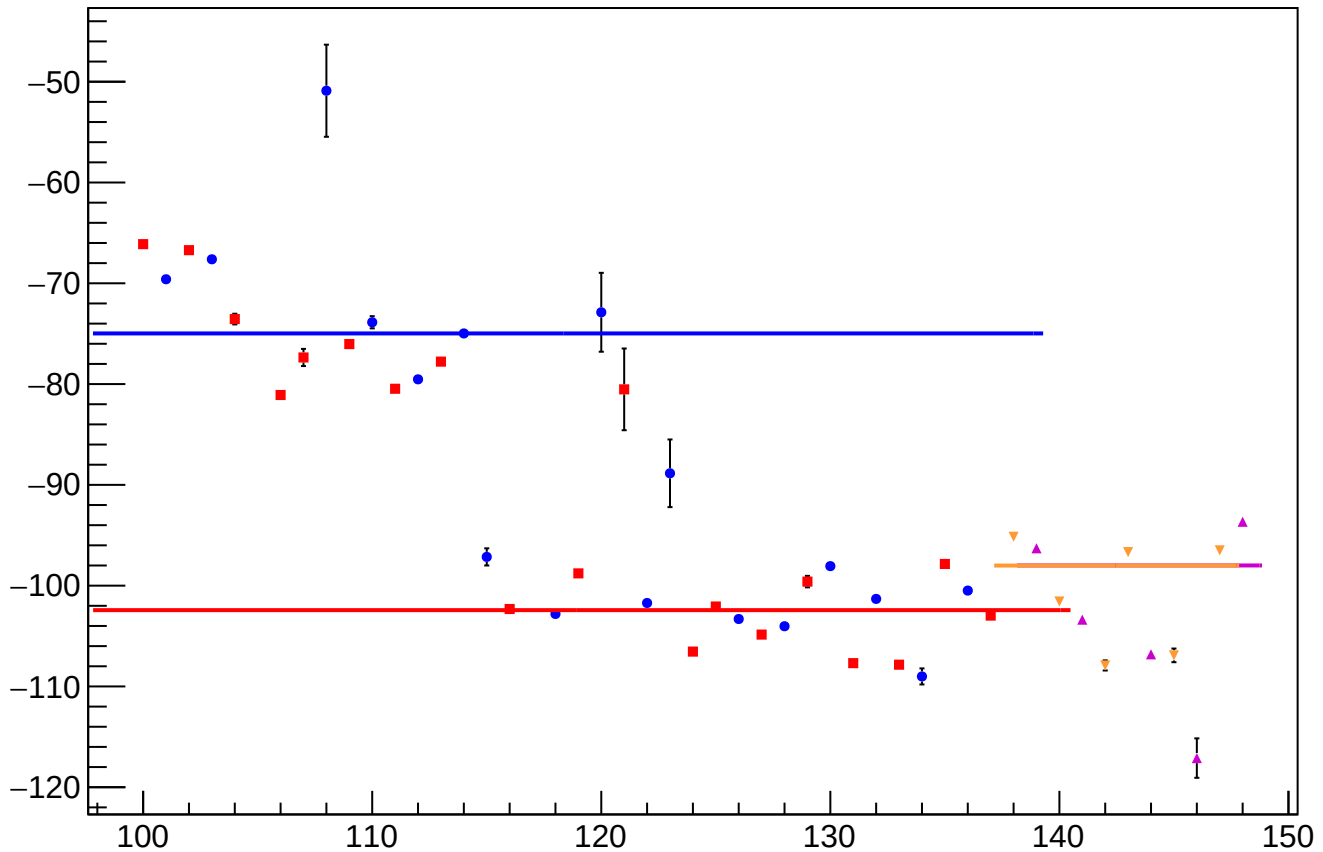
Left In: 62.673 ± 0.086 χ^2/NDF : 2502.0/4

+ sign 57.510 ± 0.000 χ^2/NDF : 15571.9/22

All: 57.510 ± 0.000 χ^2/NDF : 518002.7/46

- sign 66.555 ± 0.013 χ^2/NDF : 12747.4/23

dit_sam8_4eX_slope vs Slug



Right In: -74.974 ± 0.000 χ^2/NDF : 130544.0/16

Left Out: -98.006 ± 0.098 χ^2/NDF : 1029.8/5

Right Out: -102.430 ± 0.018 χ^2/NDF : 50377.5/18

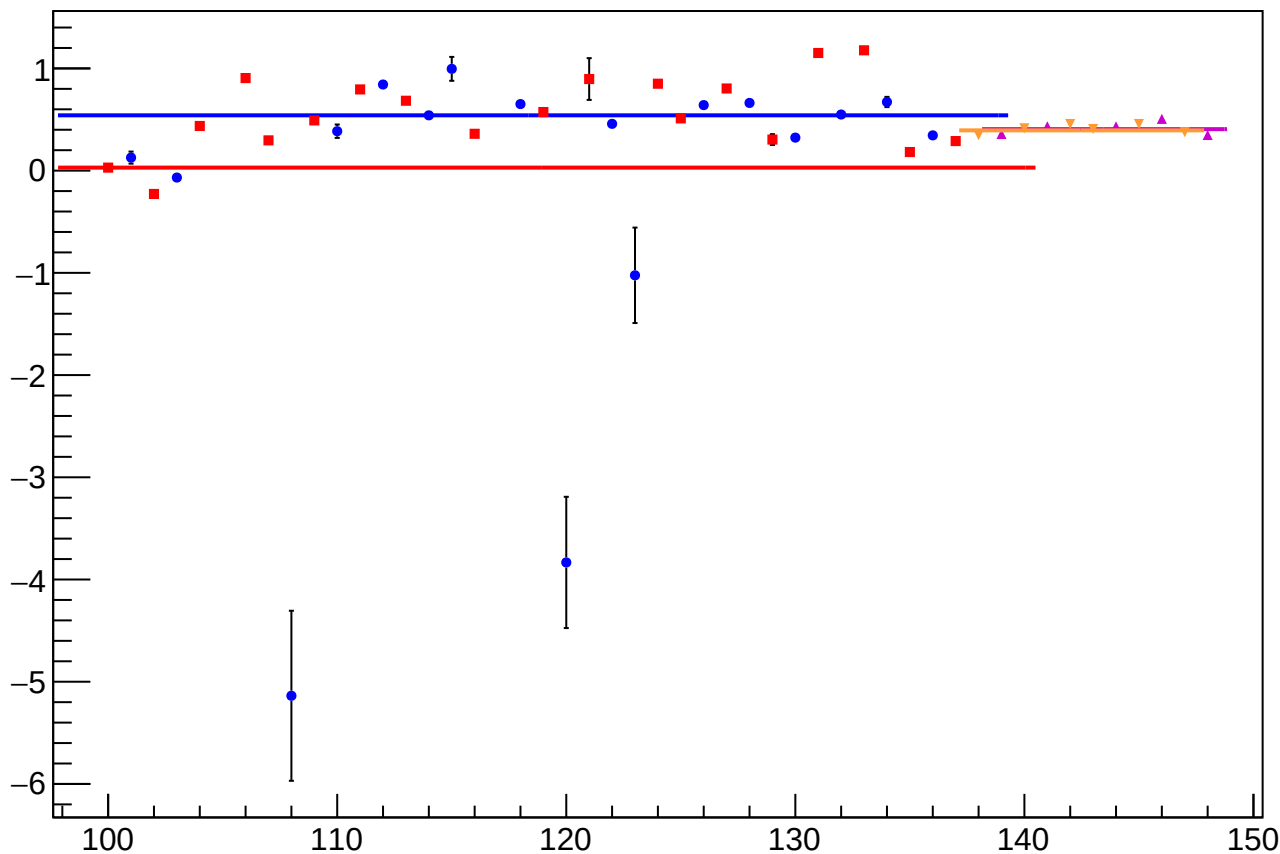
Left In: -97.996 ± 0.096 χ^2/NDF : 2207.4/4

+ sign -74.974 ± 0.000 χ^2/NDF : 186278.2/22

All: -74.974 ± 0.000 χ^2/NDF : 2671446.4/46

- sign -102.284 ± 0.018 χ^2/NDF : 54629.2/23

dit_sam8_11X12X_slope vs Slug



Right In: 0.541 $\pm$ 0.000 χ^2 /NDF: 29180.5/16

Left Out: 0.394 $\pm$ 0.001 χ^2 /NDF: 699.8/5

Right Out: 0.030 $\pm$ 0.000 χ^2 /NDF: 121659.5/18

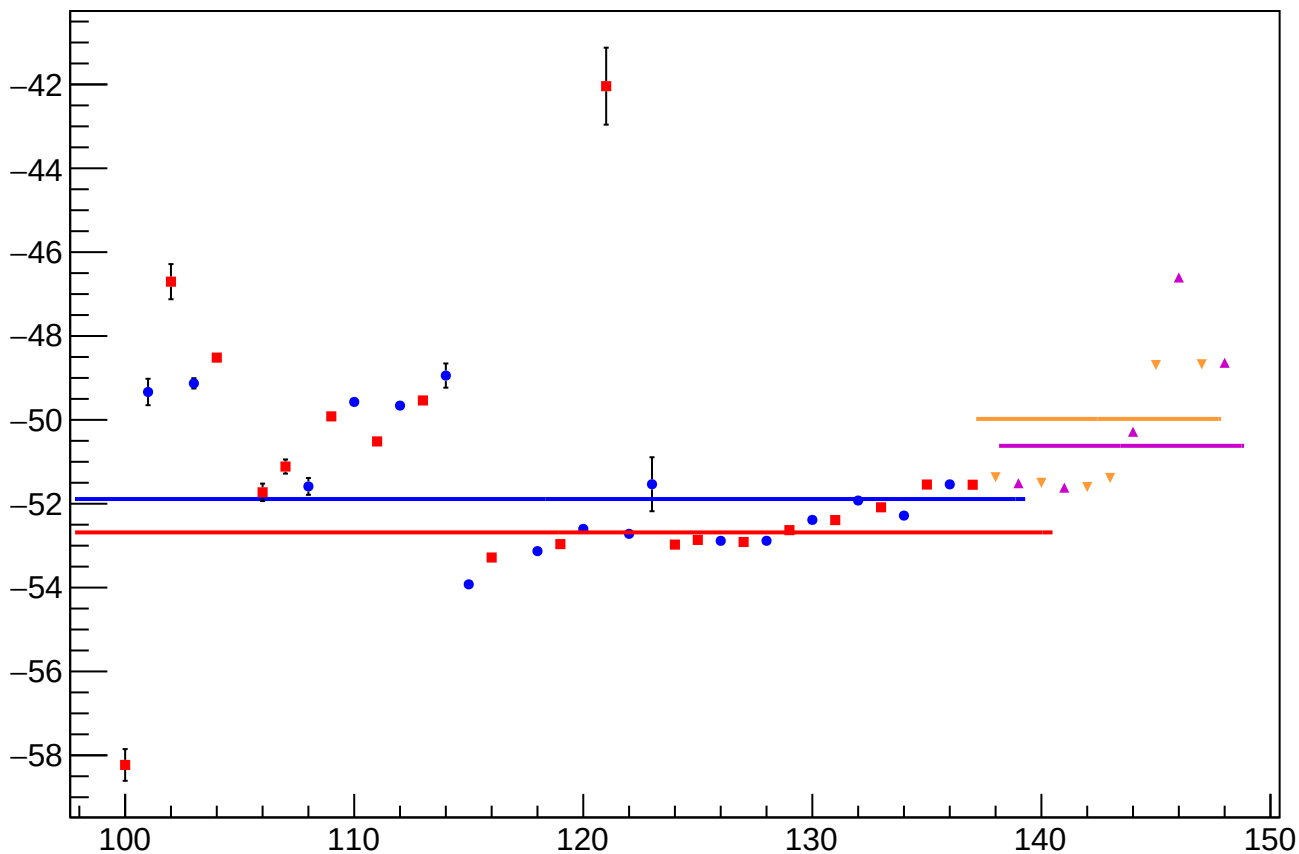
Left In: 0.406 $\pm$ 0.001 χ^2 /NDF: 1805.2/4

+ sign 0.541 $\pm$ 0.000 χ^2 /NDF: 54465.4/22

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 23314297700963

- sign 0.030 $\pm$ 0.000 χ^2 /NDF: 297140.8/23

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 $\chi^2/\text{NDF}: 56125.8/18$

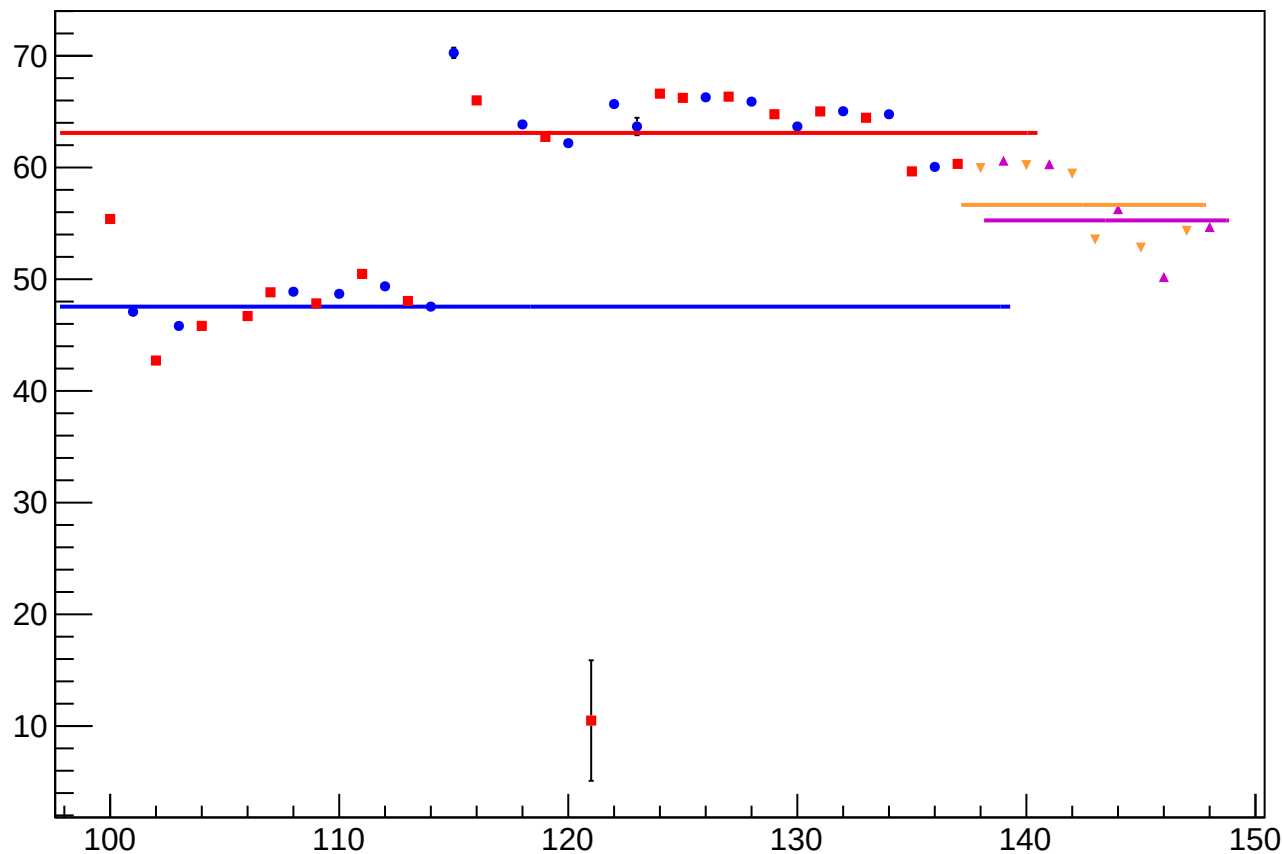
Left In: -50.619 ± 0.003 $\chi^2/\text{NDF}: 208464.3/4$

+ sign -51.211 ± 0.002 $\chi^2/\text{NDF}: 547014.9/22$

All: -51.511 ± 0.001 $\chi^2/\text{NDF}: 1125985.4/46$

- sign -51.887 ± 0.002 $\chi^2/\text{NDF}: 515692.2/23$

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

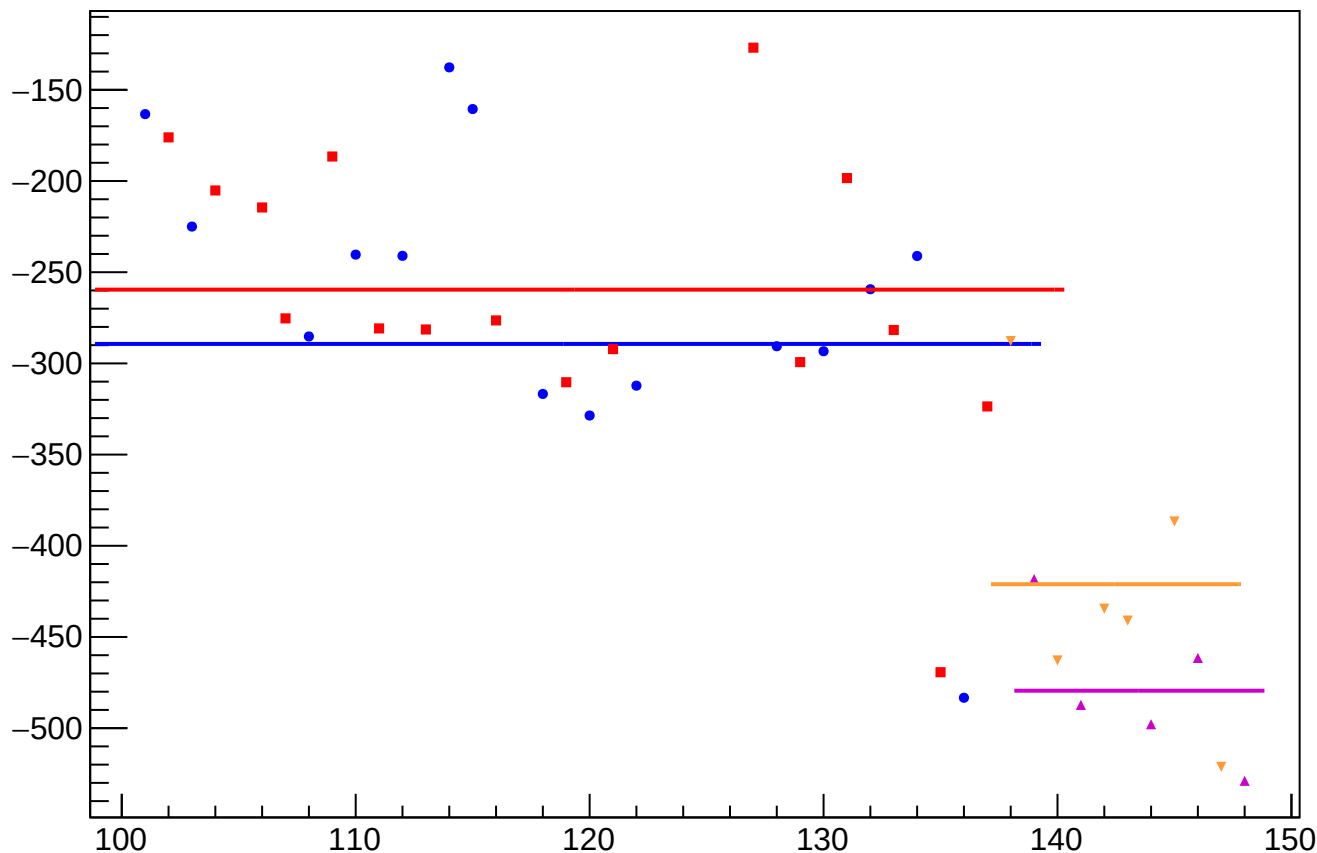
Left In: 55.263 $\pm$ 0.008 χ^2 /NDF: 61637.0/4

+ sign 47.545 $\pm$ 0.000 χ^2 /NDF: 5104878.0/22

All: 47.545 $\pm$ 0.000 χ^2 /NDF: 10827656.6/46

- sign 59.310 $\pm$ 0.005 χ^2 /NDF: 926118.9/23

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

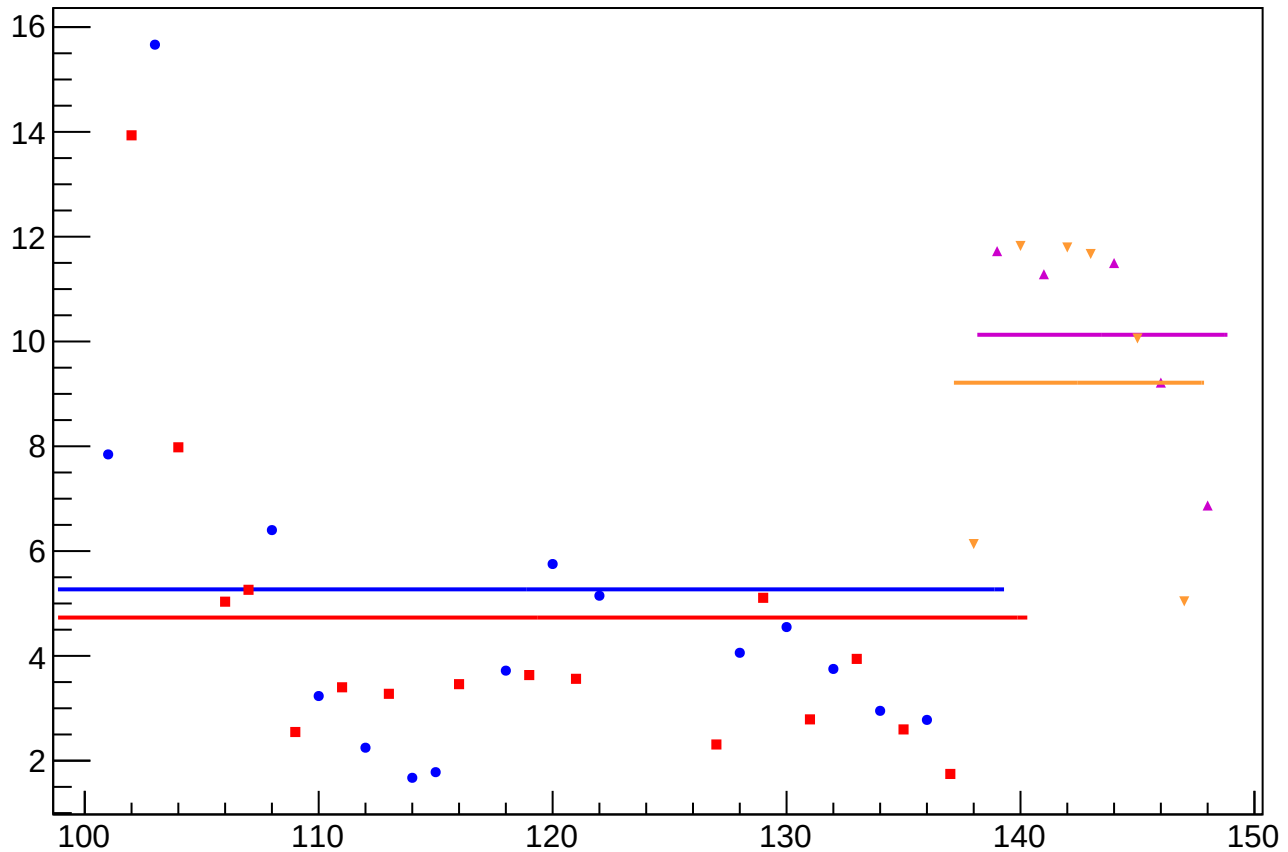
Left In: -479.457+/-0.000 χ^2/NDF : 570539580233284483790897174900899840.0/4

+ sign -341.976+/-0.000 χ^2/NDF : 12315241694357

All: -343.378+/-0.000 χ^2/NDF : 29688440651

- sign -344.771+/-0.000 χ^2/NDF : 173689589764777

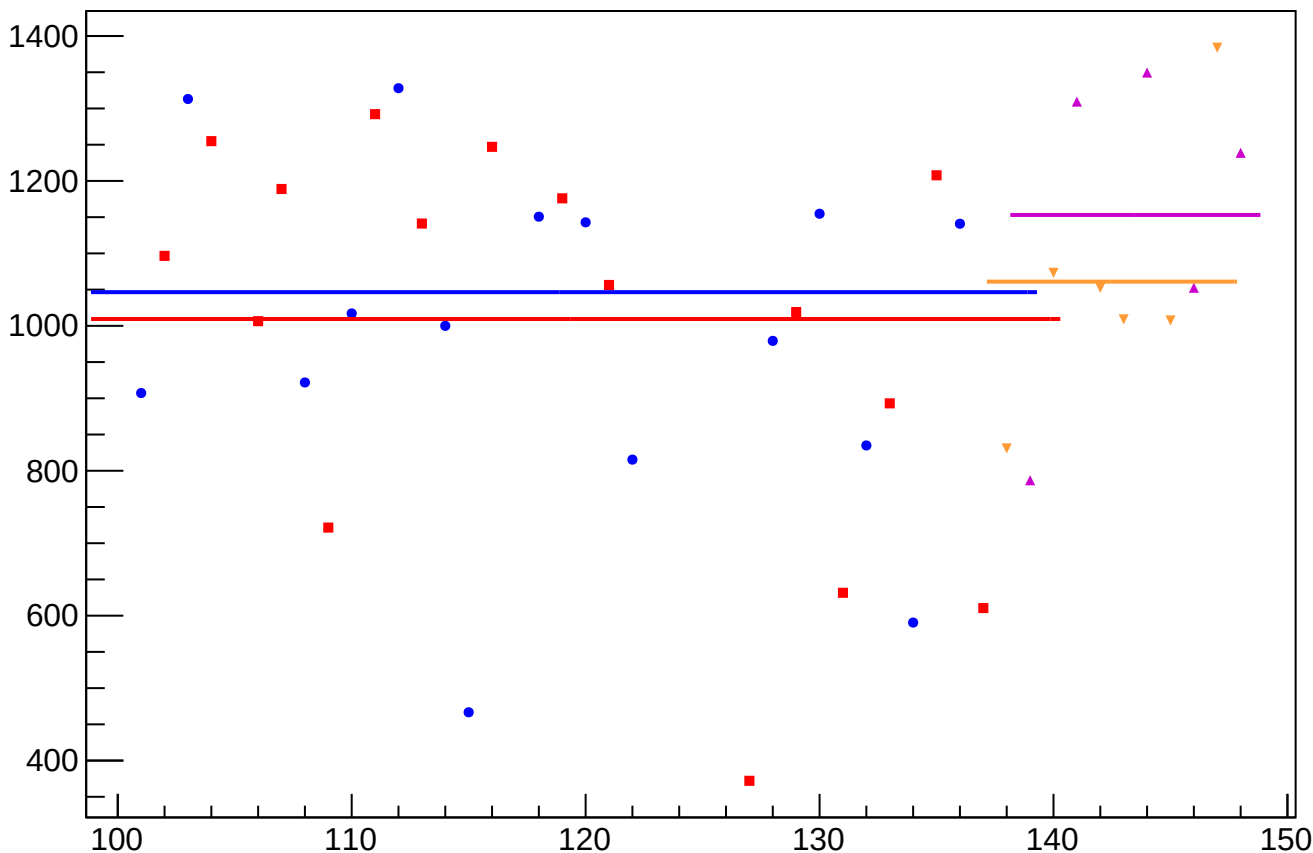
dit_4aX_coil1_err_mean vs Slug



Right In: 5.270 ± 0.000 χ^2/NDF : 8709683292123798330550906790084608.0/14
 Left Out: 9.213 ± 0.000 χ^2/NDF : 3424658521299150725136027106672640.0/5
 Right Out: 4.732 ± 0.000 χ^2/NDF : 6856893072575211562802281426452480.0/15
 Left In: 10.128 ± 0.000 χ^2/NDF : 1447542224609664364829363012632576.0/4

+ sign 6.846 ± 0.000 χ^2/NDF : 16168289759270149
 All: 6.834 ± 0.000 χ^2/NDF : 32000384029708
 - sign 6.823 ± 0.000 χ^2/NDF : 15831810273343833

dit_4aX_coil1_Ndata_mean vs Slug



Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14

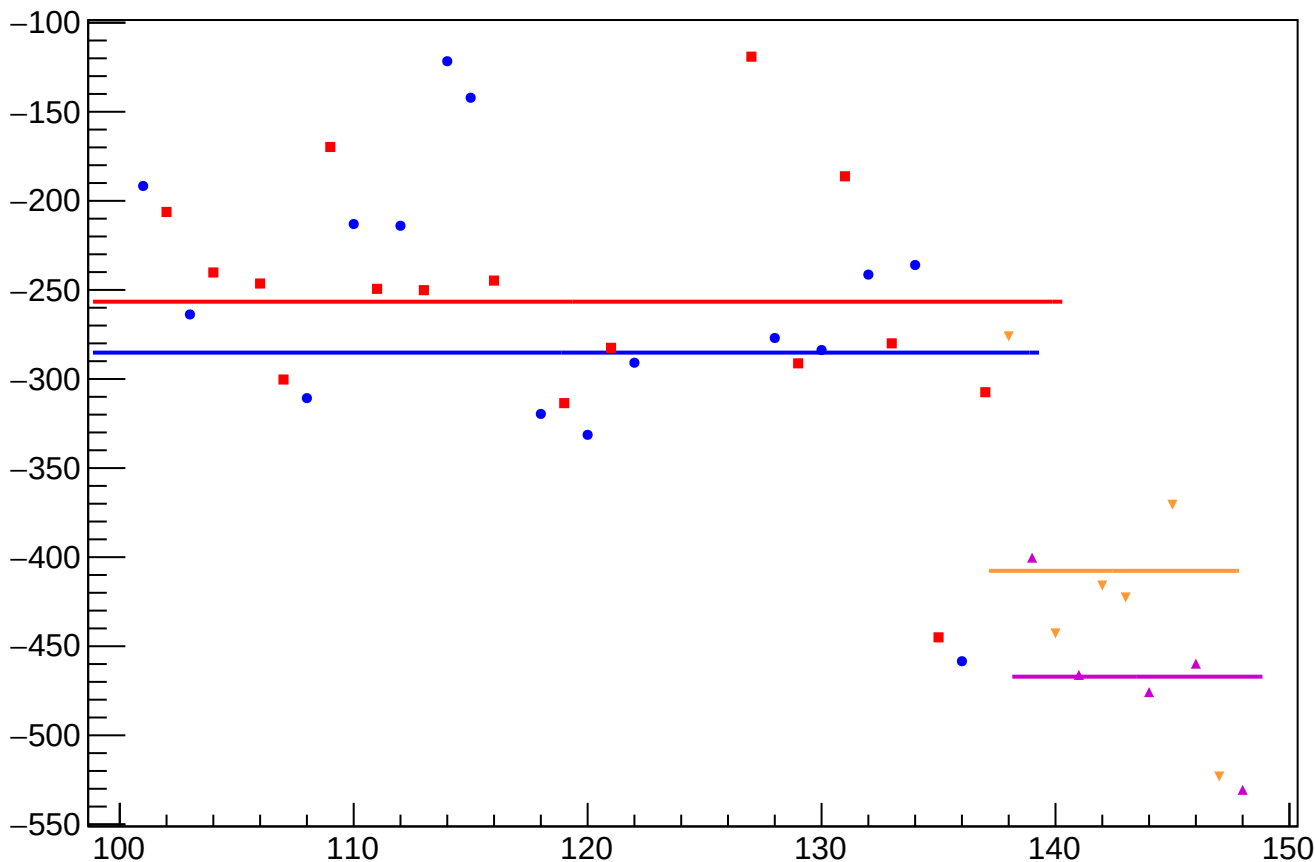
Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

All: 1058.720+/-0.000 χ^2/NDF : 10547552717

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

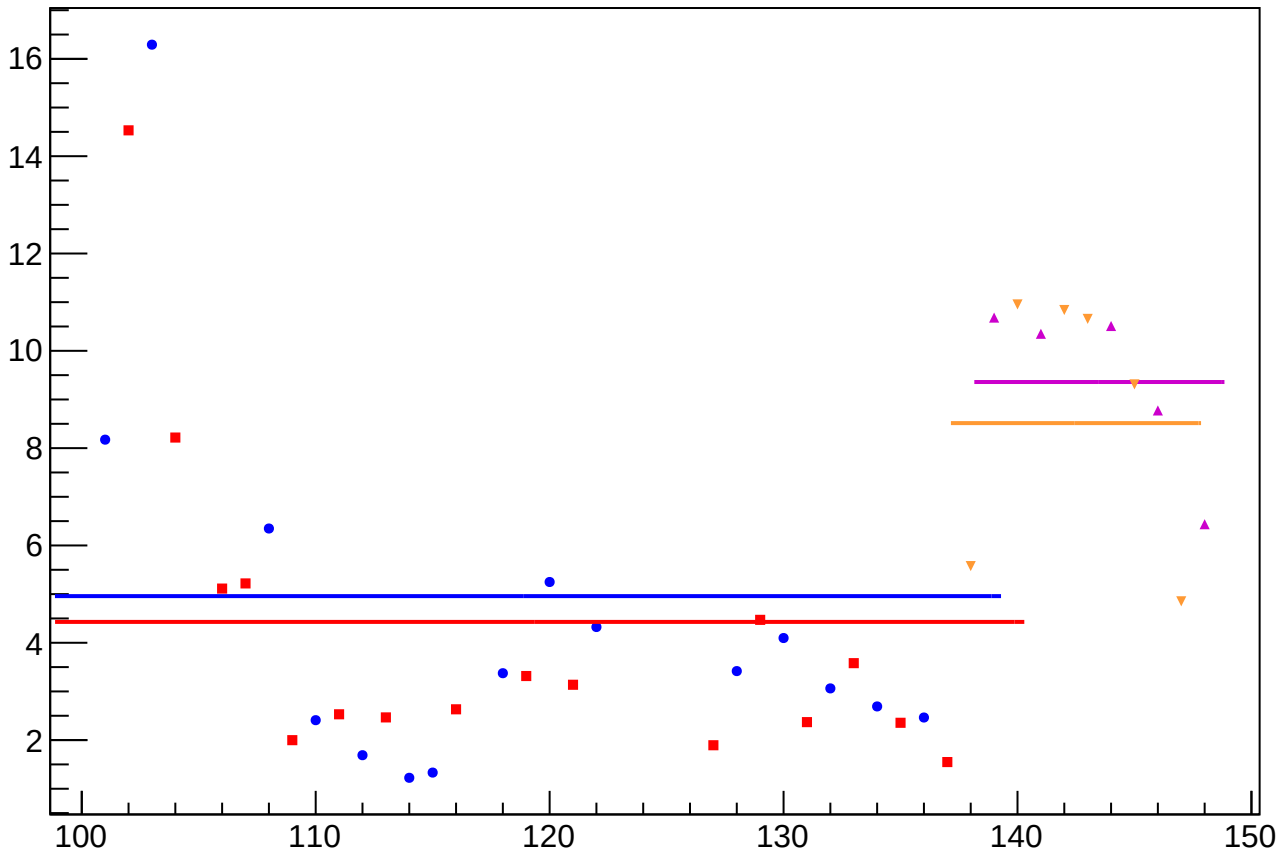
Left In: -467.083+/-0.000 χ^2/NDF : 711448432671340259379605407994478592.0/4

+ sign -334.136+/-0.000 χ^2/NDF : 10992220525769

All: -336.158+/-0.000 χ^2/NDF : 26811836167

- sign -338.164+/-0.000 χ^2/NDF : 158108156619136

dit_4eX_coil1_err_mean vs Slug



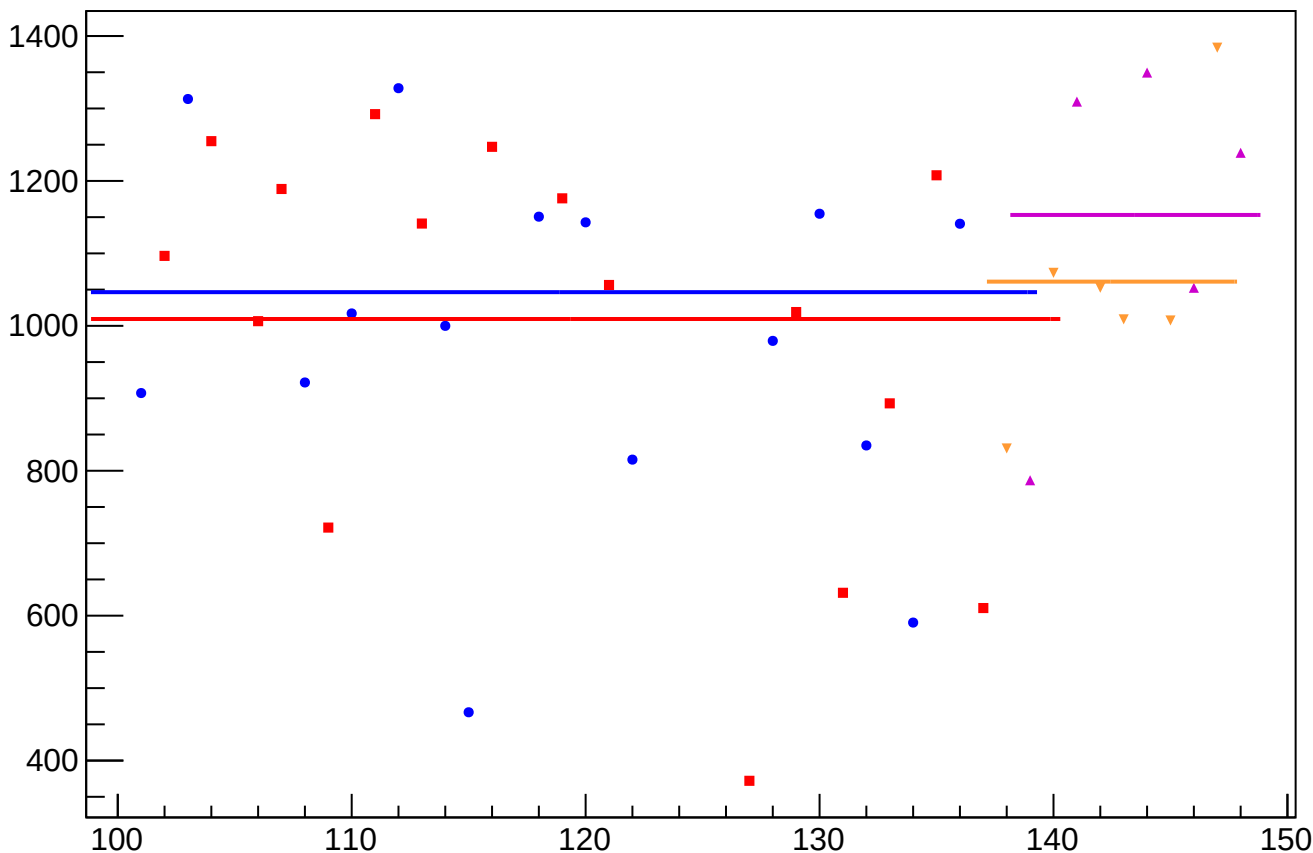
Right In: 4.959+/-0.000 χ^2/NDF : 10465467057143371817371681641463808.0/14

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: 9.359+/-0.000 χ^2/NDF : 1089279623978762918106697629171712.0/4

dit_4eX_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

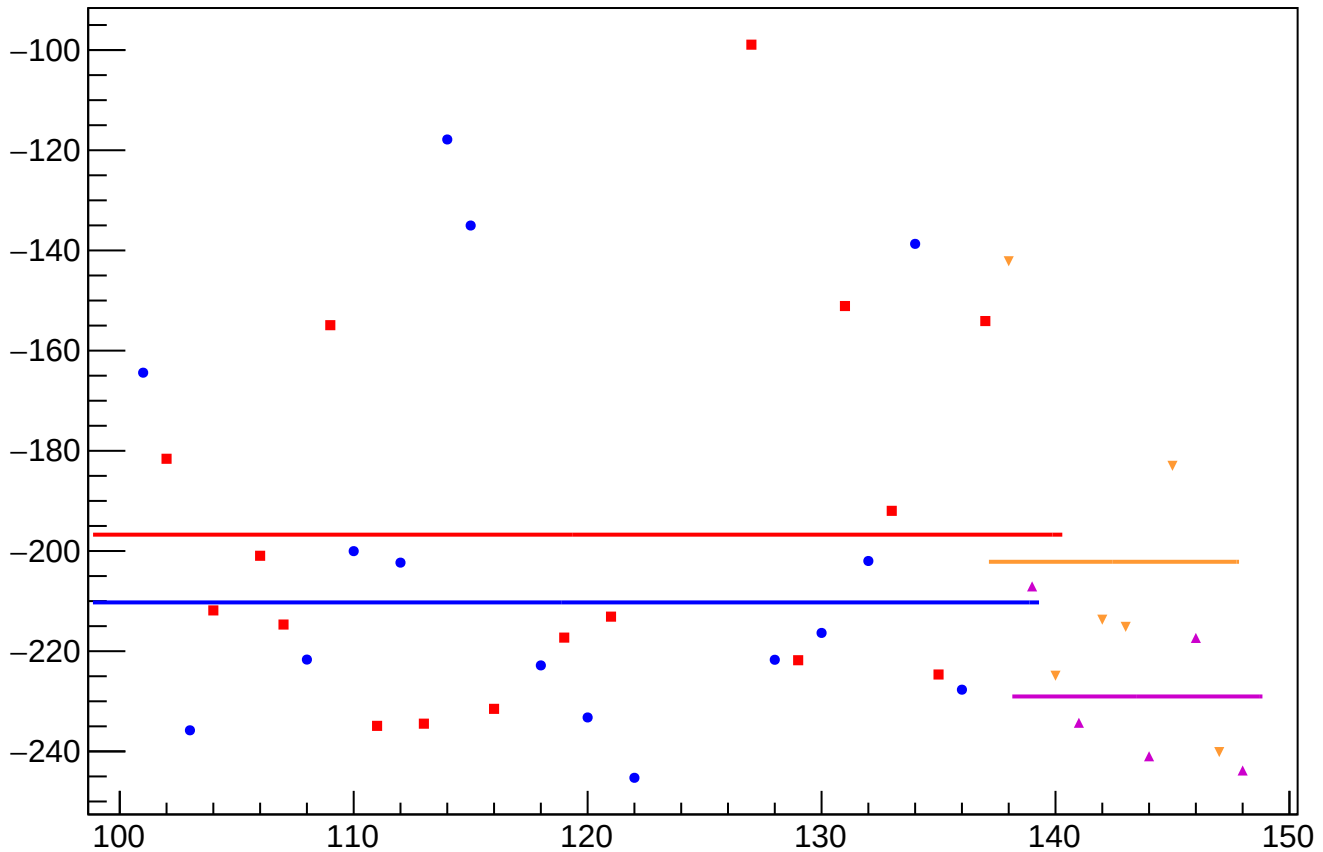
All: 1058.720+/-0.000 χ^2/NDF : 10547552717

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

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

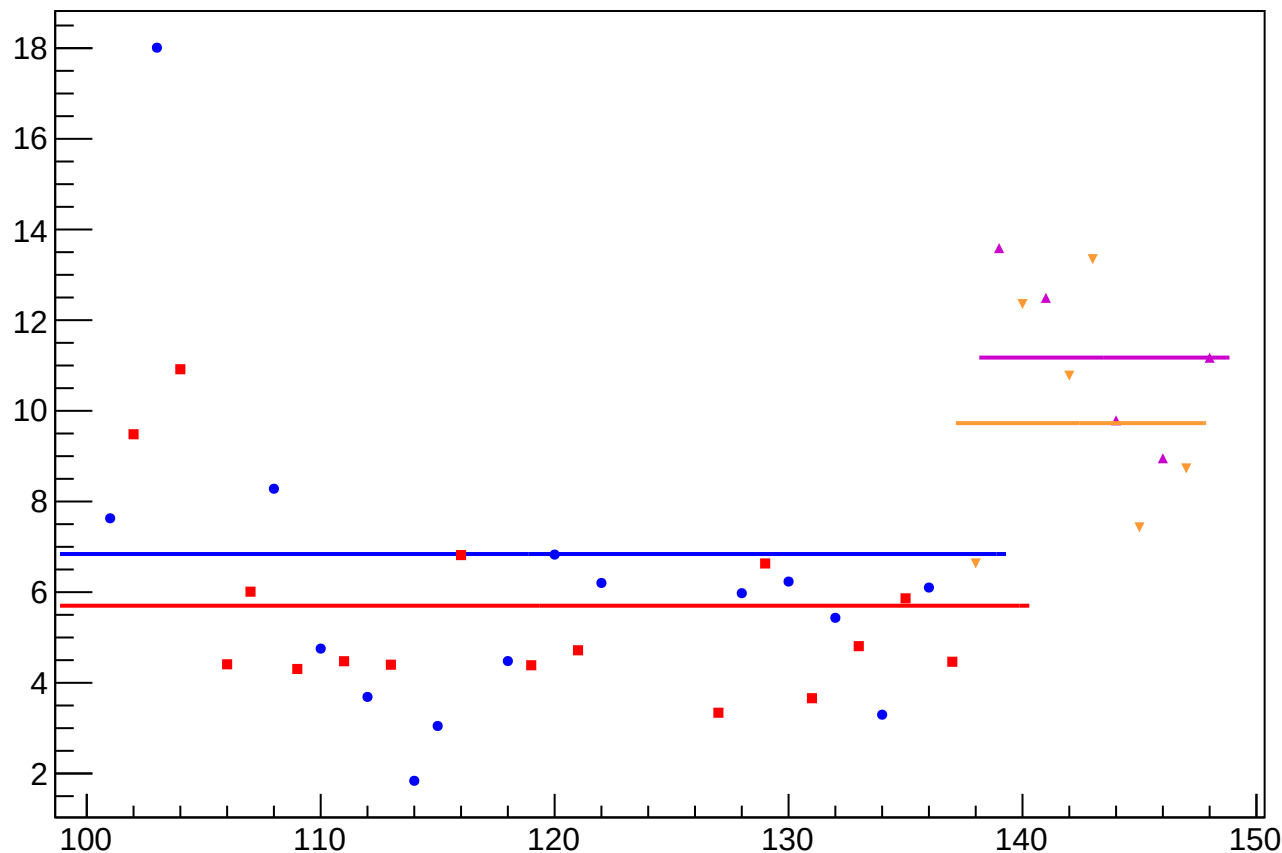
Left In: -229.036+/-0.000 χ^2/NDF : 83809950836528685034693598984011776.0/4

+ sign -207.020+/-0.000 χ^2/NDF : 10676219905375

All: -208.141+/-0.000 χ^2/NDF : 23333845705

- sign -209.253+/-0.000 χ^2/NDF : 126305672810335

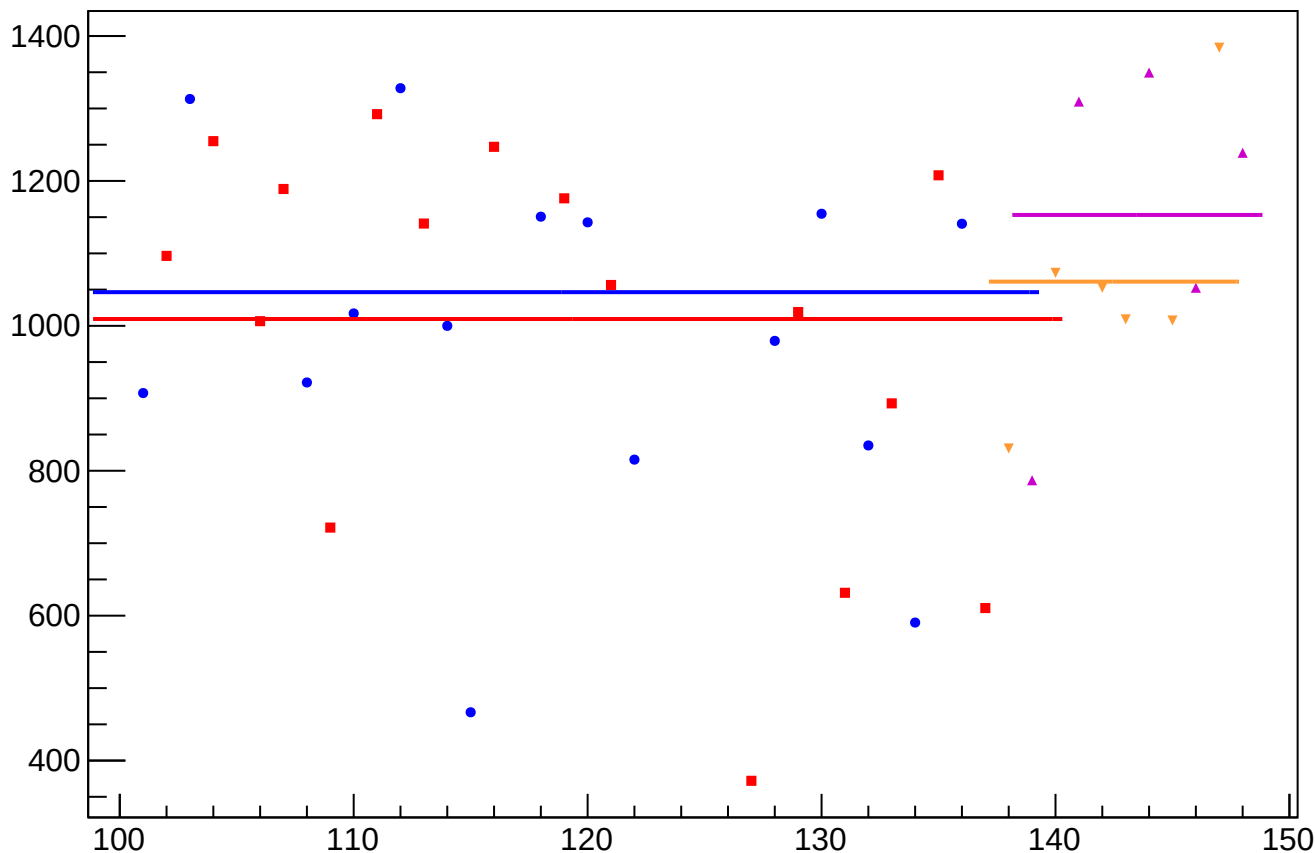
dit_11X12X_coil1_err_mean vs Slug



Right In: 6.842+/-0.000	χ^2/NDF : 9355934166823324467316647620771840.0/14
Left Out: 9.729+/-0.000	χ^2/NDF : 2745052439335168564963731985924096.0/5
Right Out: 5.701+/-0.000	χ^2/NDF : 3174693398300953393137731791486976.0/15
Left In: 11.175+/-0.000	χ^2/NDF : 1199819457565493020054138277330944.0/4

+ sign 7.996+/-0.000 χ^2/NDF : 14263868832750898
 All: 7.909+/-0.000 χ^2/NDF : 26398208667026
 - sign 7.822+/-0.000 χ^2/NDF : 12118026654320606

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

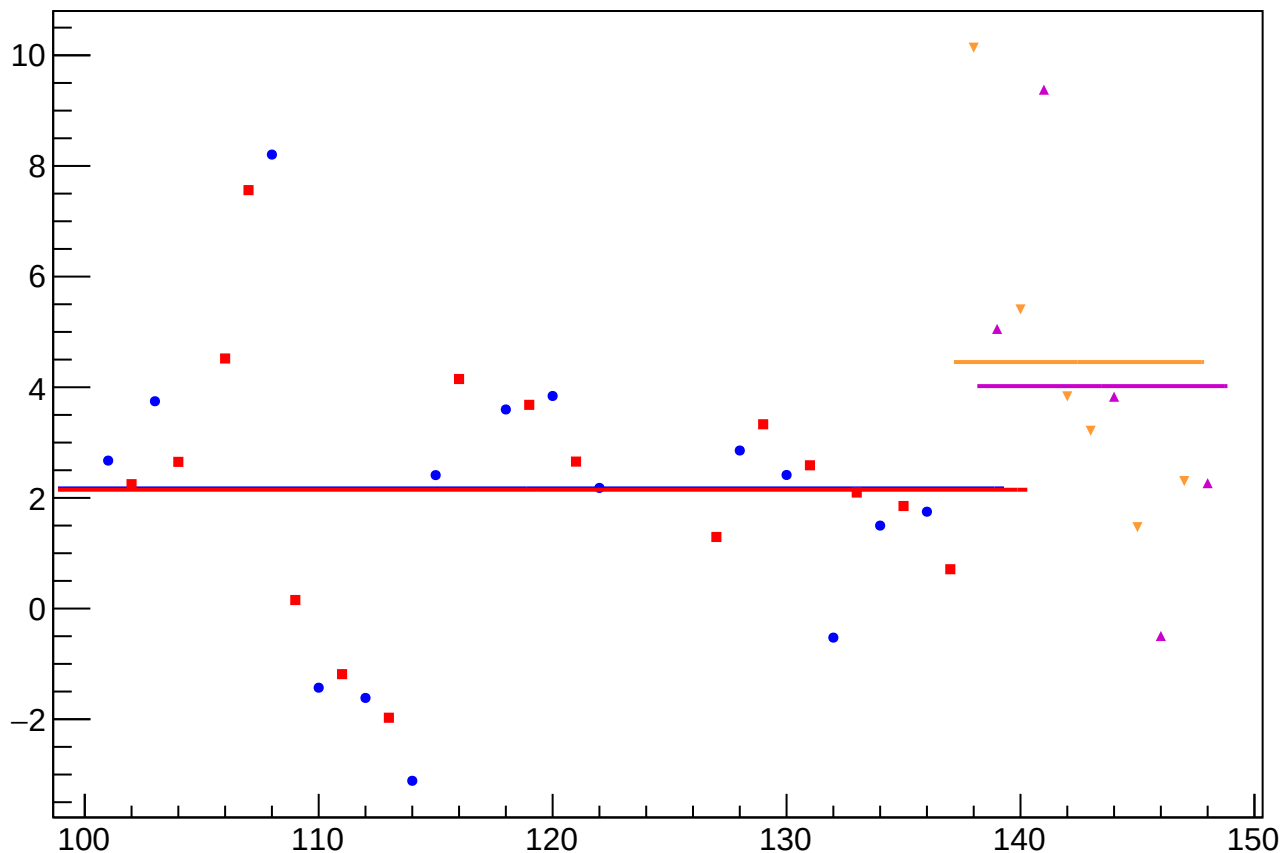
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1052.300+/-0.000 χ^2/NDF : 37619254751118

All: 1058.720+/-0.000 χ^2/NDF : 10547552717

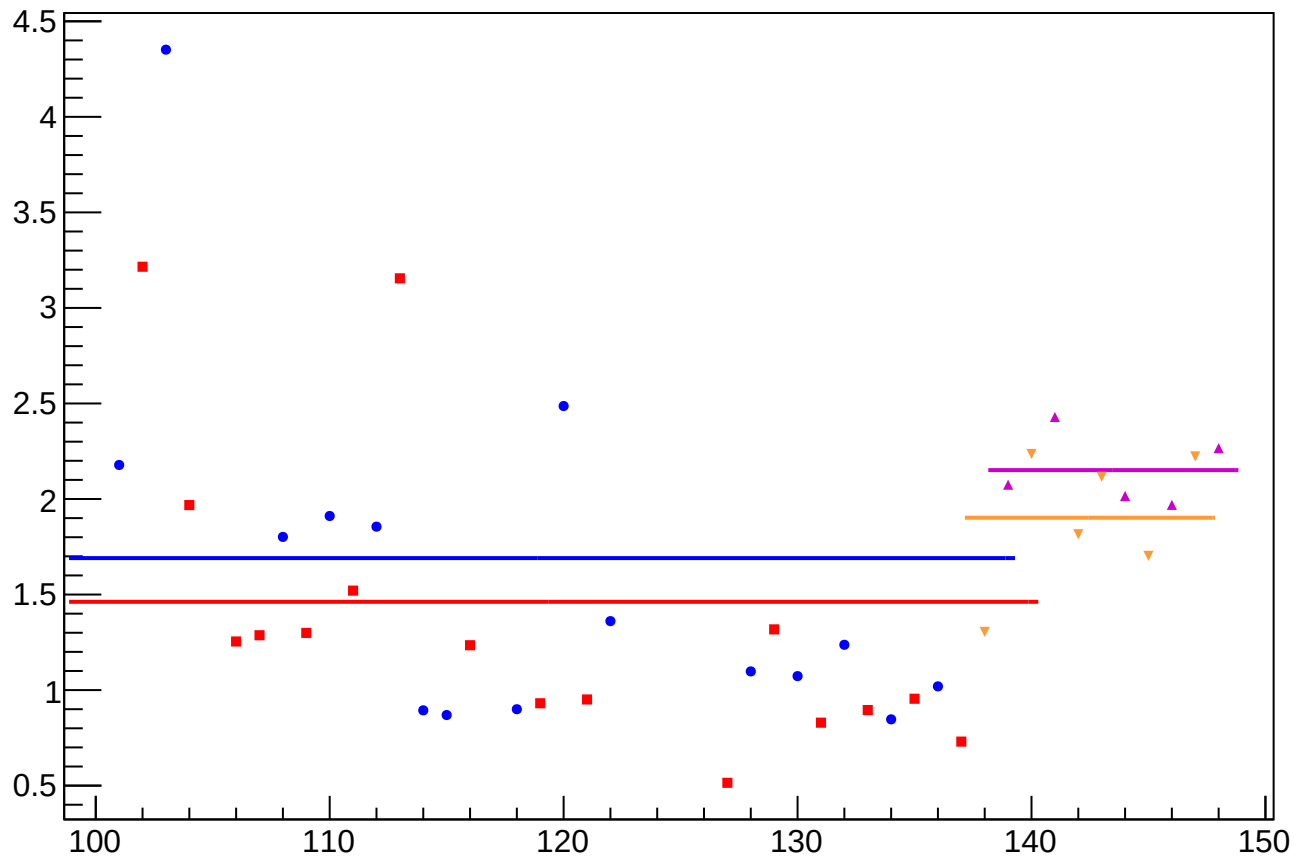
- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

dit_4aY_coil1_mean vs Slug



Right In: 2.171+/-0.000 χ^2/NDF : 3599819246909975678410499691642880.0/14
 Left Out: 4.455+/-0.000 χ^2/NDF : 3796124766410855422877739507515392.0/5
 Right Out: 2.148+/-0.000 χ^2/NDF : 3093887336239378959606321931878400.0/15
 Left In: 4.020+/-0.000 χ^2/NDF : 4480914819577599026139352080056320.0/4
 All: 2.978+/-0.000 χ^2/NDF : 17254442303562
 + sign 3.084+/-0.000 χ^2/NDF : 87489471836164863
 - sign 2.873+/-0.000 χ^2/NDF : 84813927070343804

dit_4aY_coil1_err_mean vs Slug



Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 612163393317609859674079412355072.0/14

Left Out: 1.902 $\pm$ 0.000 χ^2 /NDF: 51654681588789396211682382970880.0/5

Right Out: 1.462 $\pm$ 0.000 χ^2 /NDF: 444384511662519040022371754835968.0/15

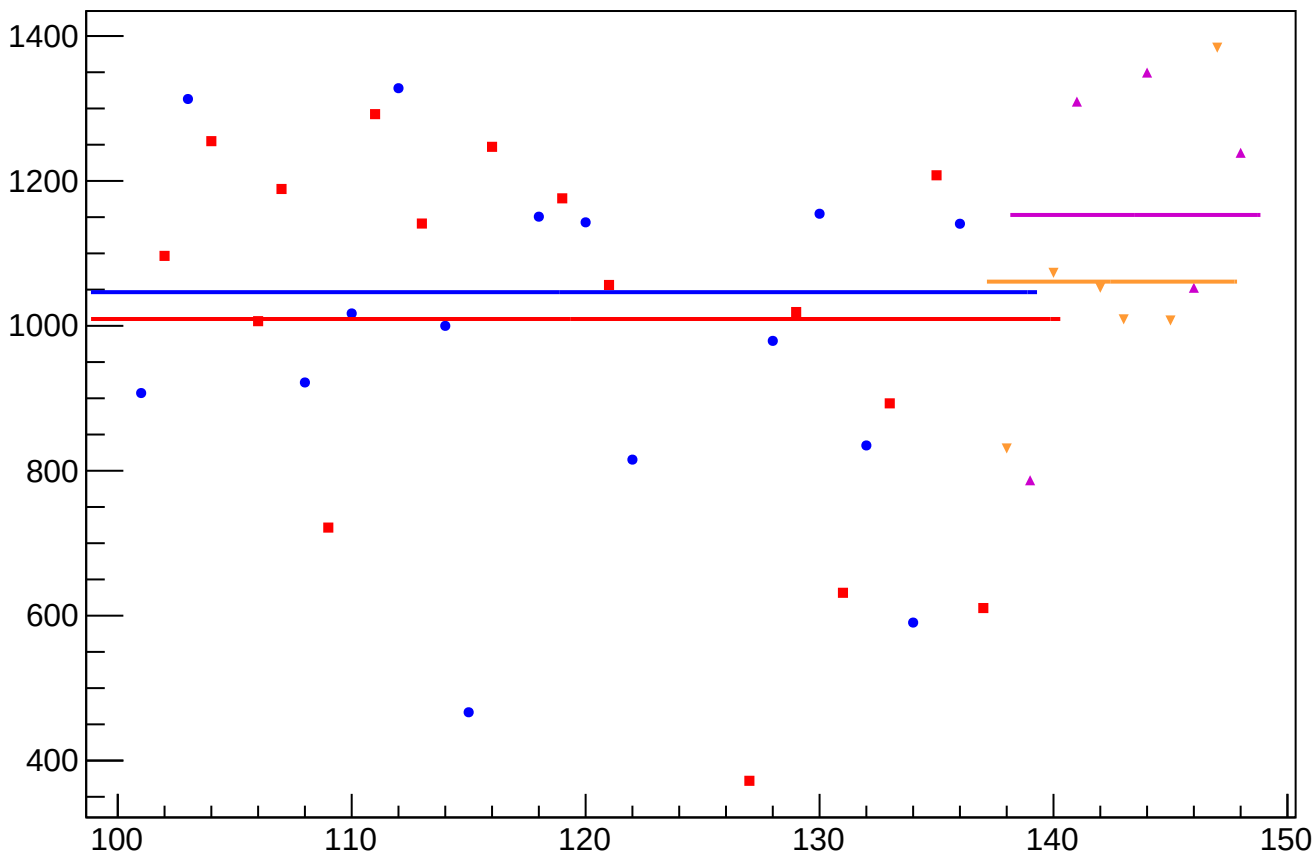
Left In: 2.151 $\pm$ 0.000 χ^2 /NDF: 12523562443173339403963244478464.0/4

+ sign 1.775 $\pm$ 0.000 χ^2 /NDF: 67540688279603872

All: 1.752 $\pm$ 0.000 χ^2 /NDF: 1256218766672

- sign 1.729 $\pm$ 0.000 χ^2 /NDF: 57965969800452816

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

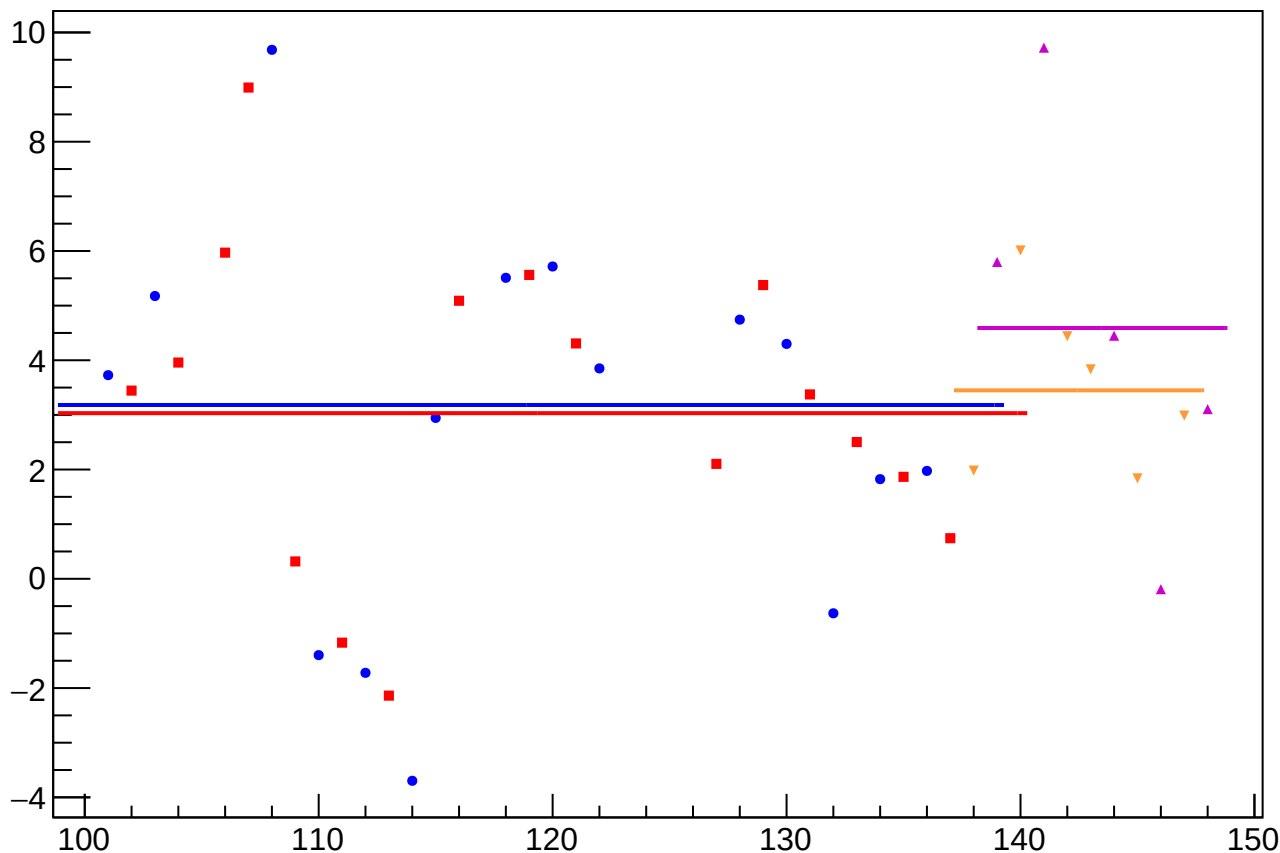
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1052.300+/-0.000 χ^2/NDF : 37619254751118

All: 1058.720+/-0.000 χ^2/NDF : 10547552717

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

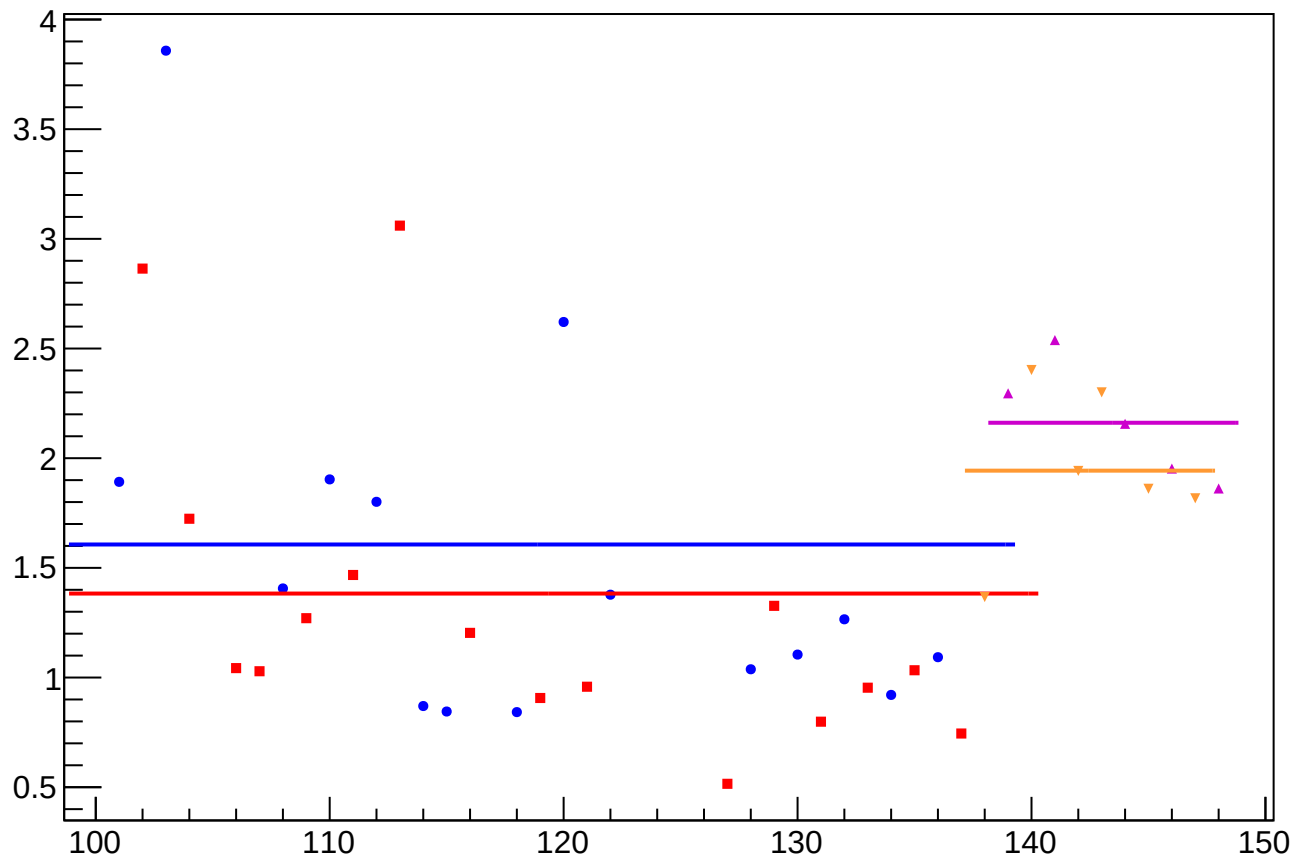
dit_4eY_coil1_mean vs Slug



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: 4.591+/-0.000	χ^2/NDF : 4439895685463125121997167287861248.0/4

+ sign 3.289+/-0.000 χ^2/NDF : 68395520858520664
 All: 3.463+/-0.000 χ^2/NDF : 1691018329886
 - sign 3.636+/-0.000 χ^2/NDF : 10005193127913950

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

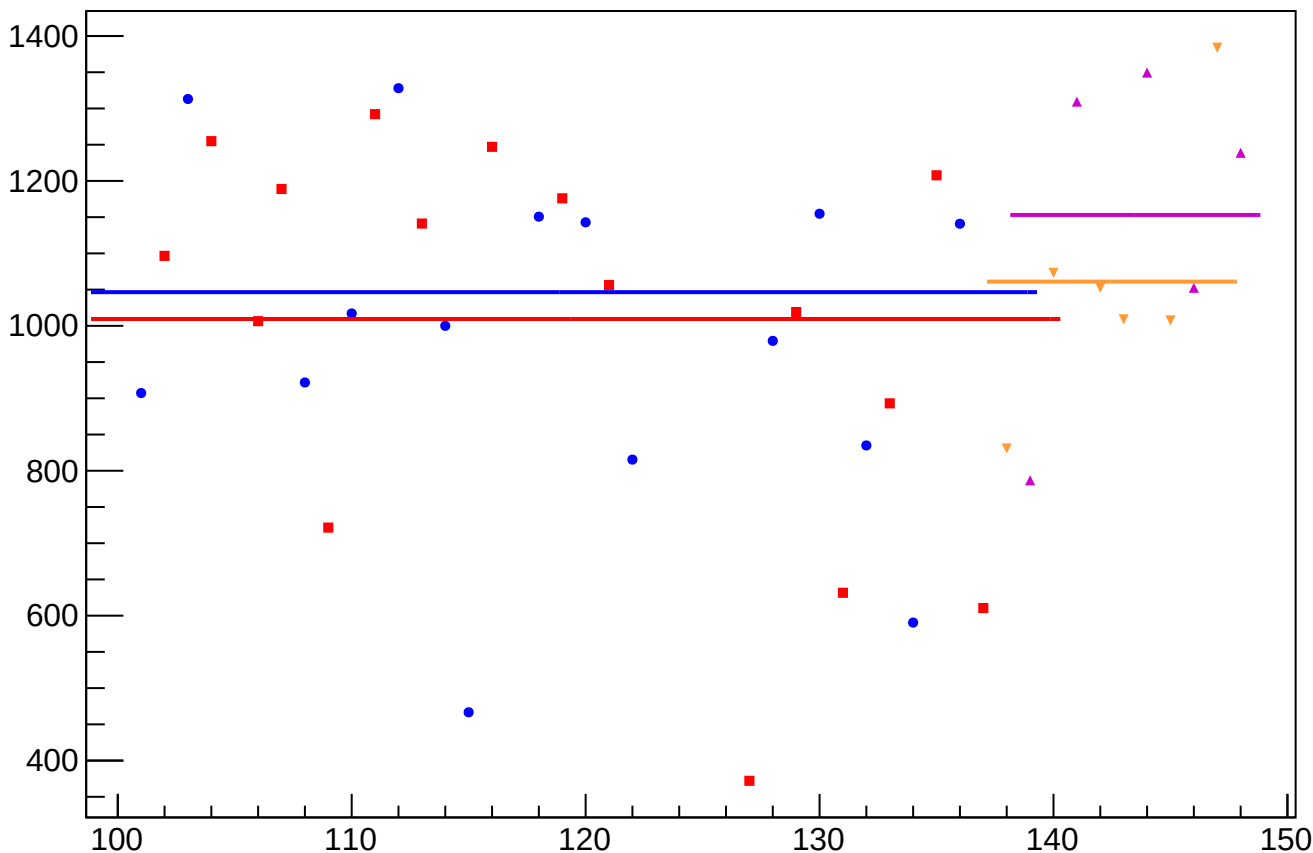
Left In: 2.162 $\pm$ 0.000 χ^2/NDF : 24704654671292867687217086070784.0/4

+ sign 1.741 $\pm$ 0.000 χ^2/NDF : 54385063977021897

All: 1.713 $\pm$ 0.000 χ^2/NDF : 10853472304663

- sign 1.685 $\pm$ 0.000 χ^2/NDF : 53976533122467582

dit_4eY_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

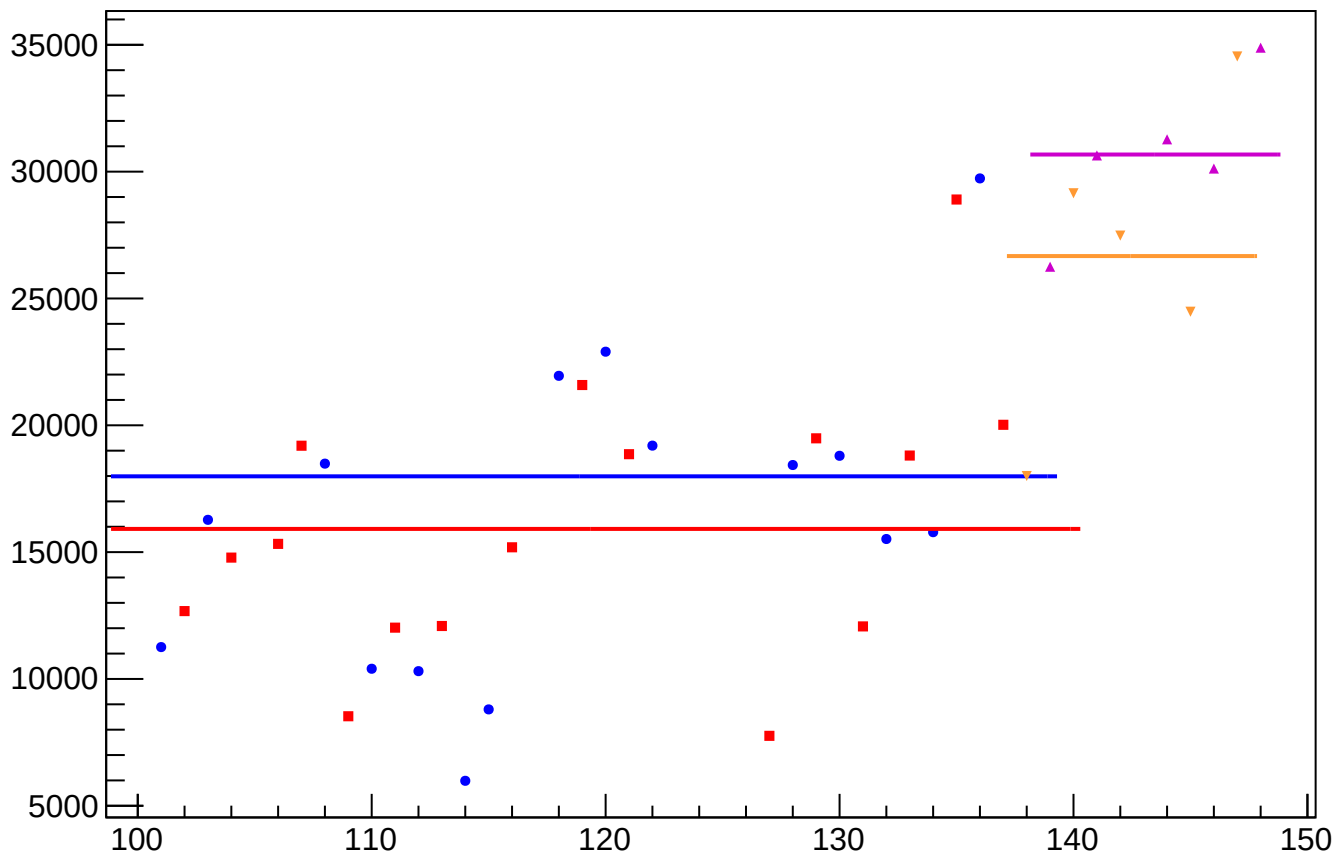
All: 1058.720+/-0.000 χ^2/NDF : 10547552717

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

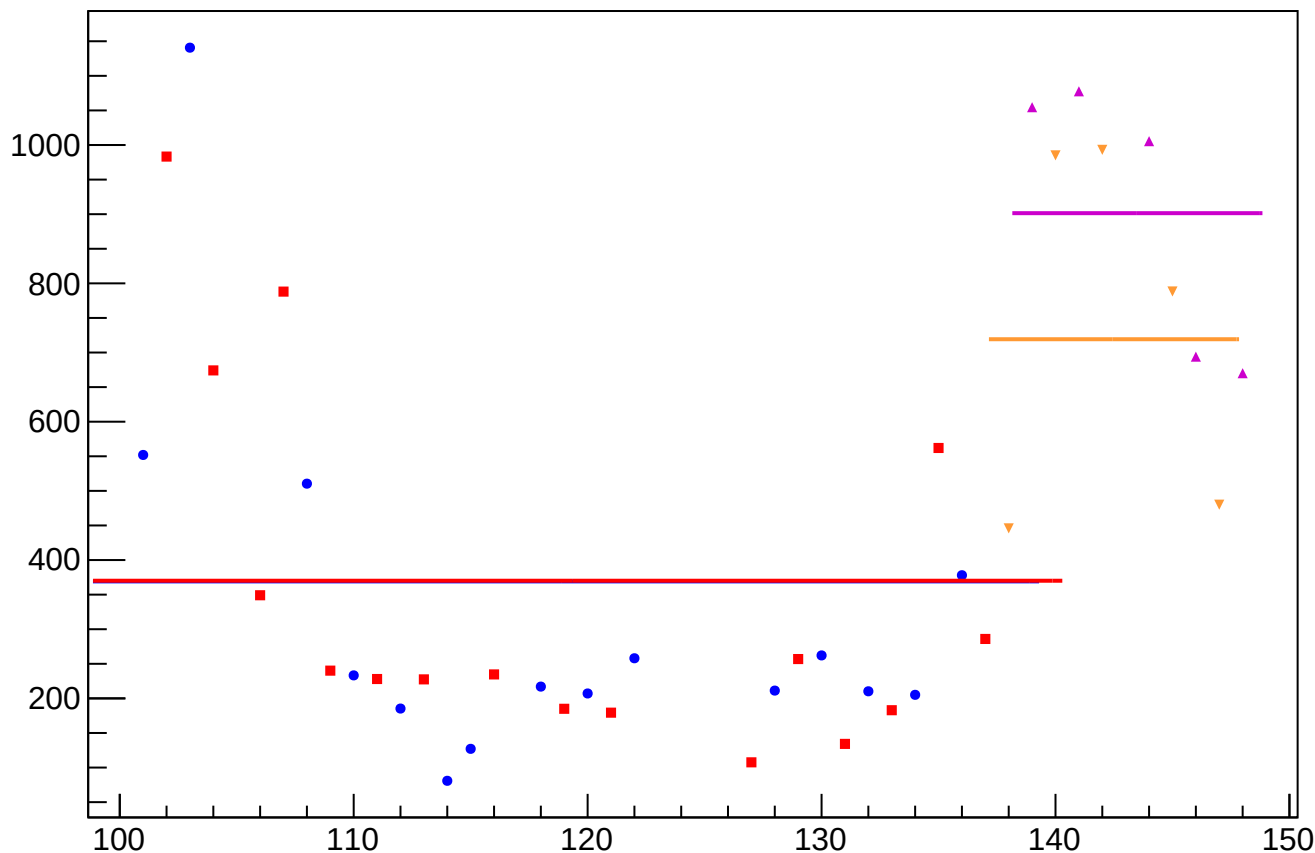
dit_usl_coil1_mean vs Slug



Right In: 17988.185+/-0.000	χ^2/NDF : 24815111809984217103544001237552952508416.0/14
Left Out: 26671.674+/-0.000	χ^2/NDF : 11618299885899045501495020485127327186944.0/4
Right Out: 15915.227+/-0.000	χ^2/NDF : 19954189674705952707042287416087223992320.0/15
Left In: 30675.090+/-0.000	χ^2/NDF : 3133007326760843184180389279621665783808.0/4

+ sign 21113.898+/-0.000 χ^2/NDF : 5404863601164
 All: 21383.660+/-0.000 χ^2/NDF : 1335869691
 - sign 21634.843+/-0.000 χ^2/NDF : 7939583474751

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

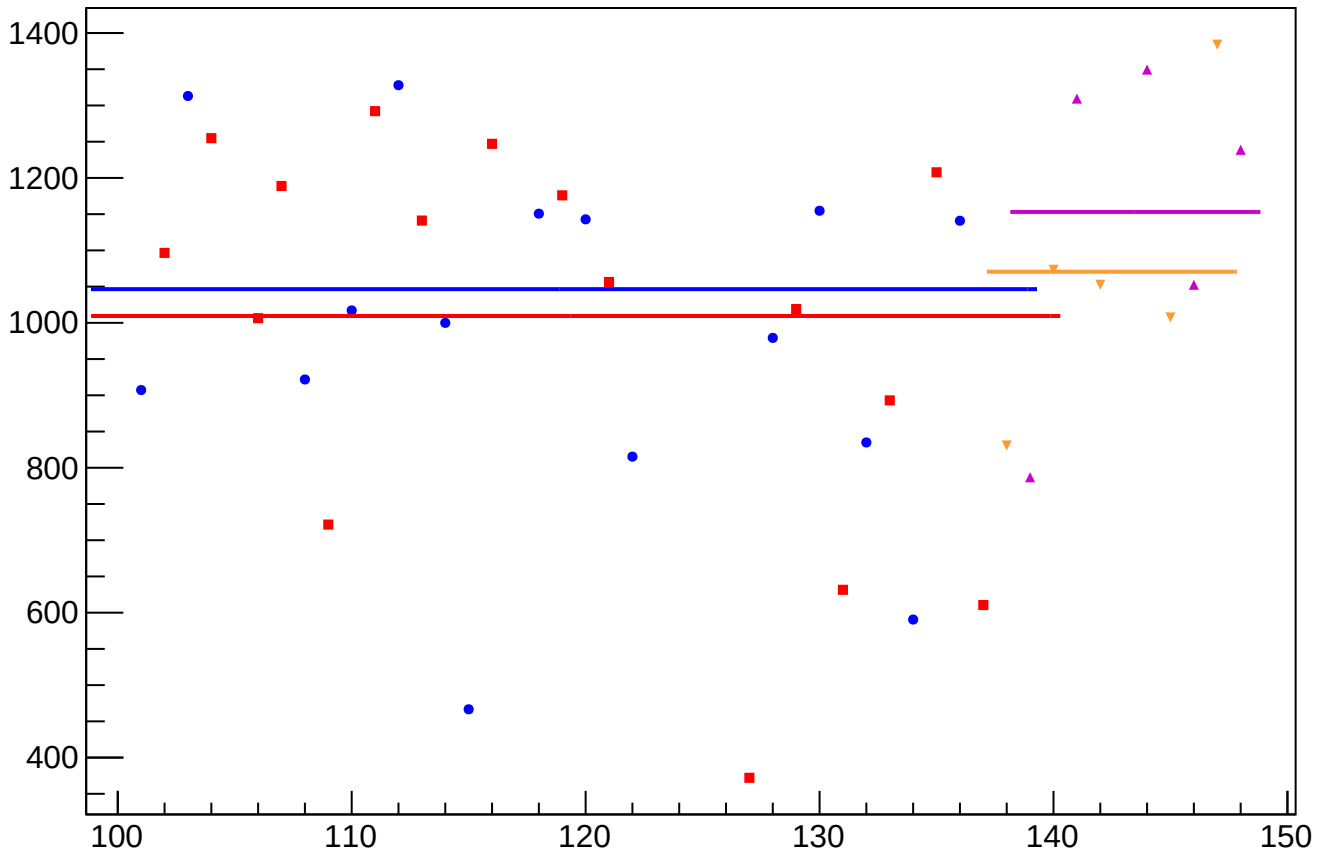
All: 537.031+/-0.000 χ^2/NDF : 234798892480

Right Out: 370.091+/-0.000 χ^2/NDF : 48214462907052107543037037125316902912.0/15

- sign 576.004+/-0.000 χ^2/NDF : 134766456718150

Left In: 901.464+/-0.000 χ^2/NDF : 13571131208980109166893675475120422912.0/4

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

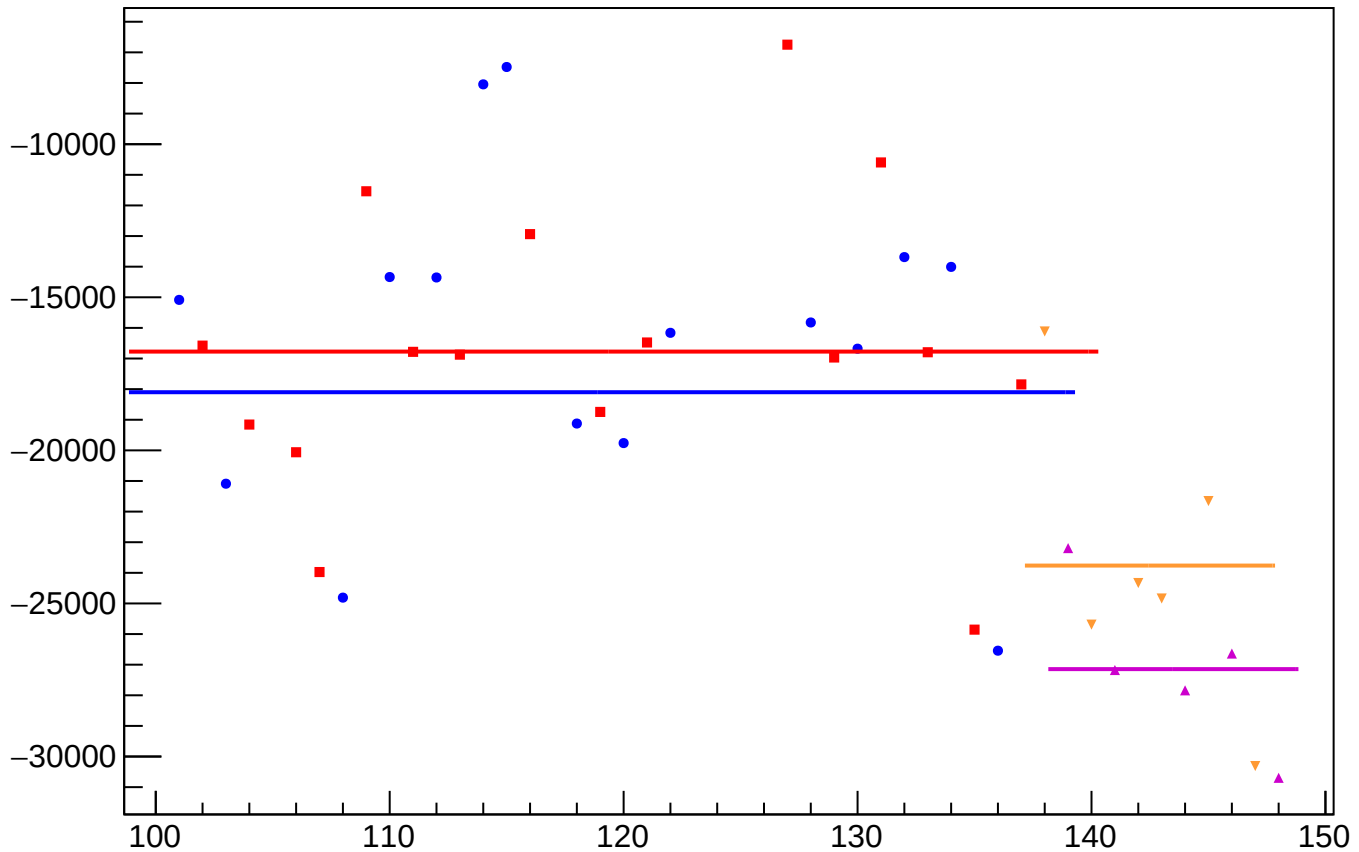
Left In: 1153.050 ± 0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1055.164 ± 0.000 χ^2/NDF : 37485061551331

All: 1060.306 ± 0.000 χ^2/NDF : 10530431123

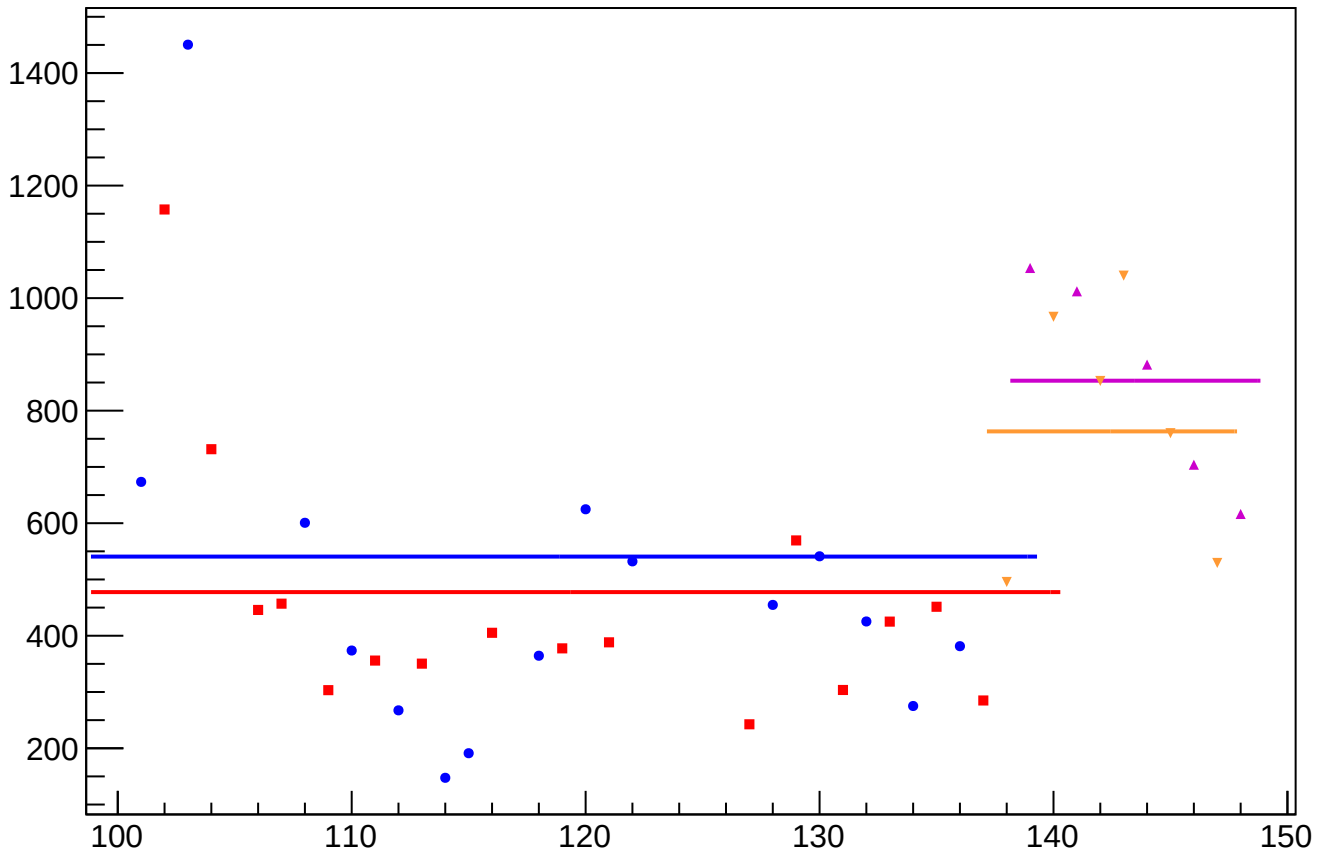
- sign 1065.094 ± 0.000 χ^2/NDF : 67767474552557

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: -27144.910+/-0.000 χ^2/NDF : 2388257014676850013232575443932977037312.0/4

dit_usr_coil1_err_mean vs Slug



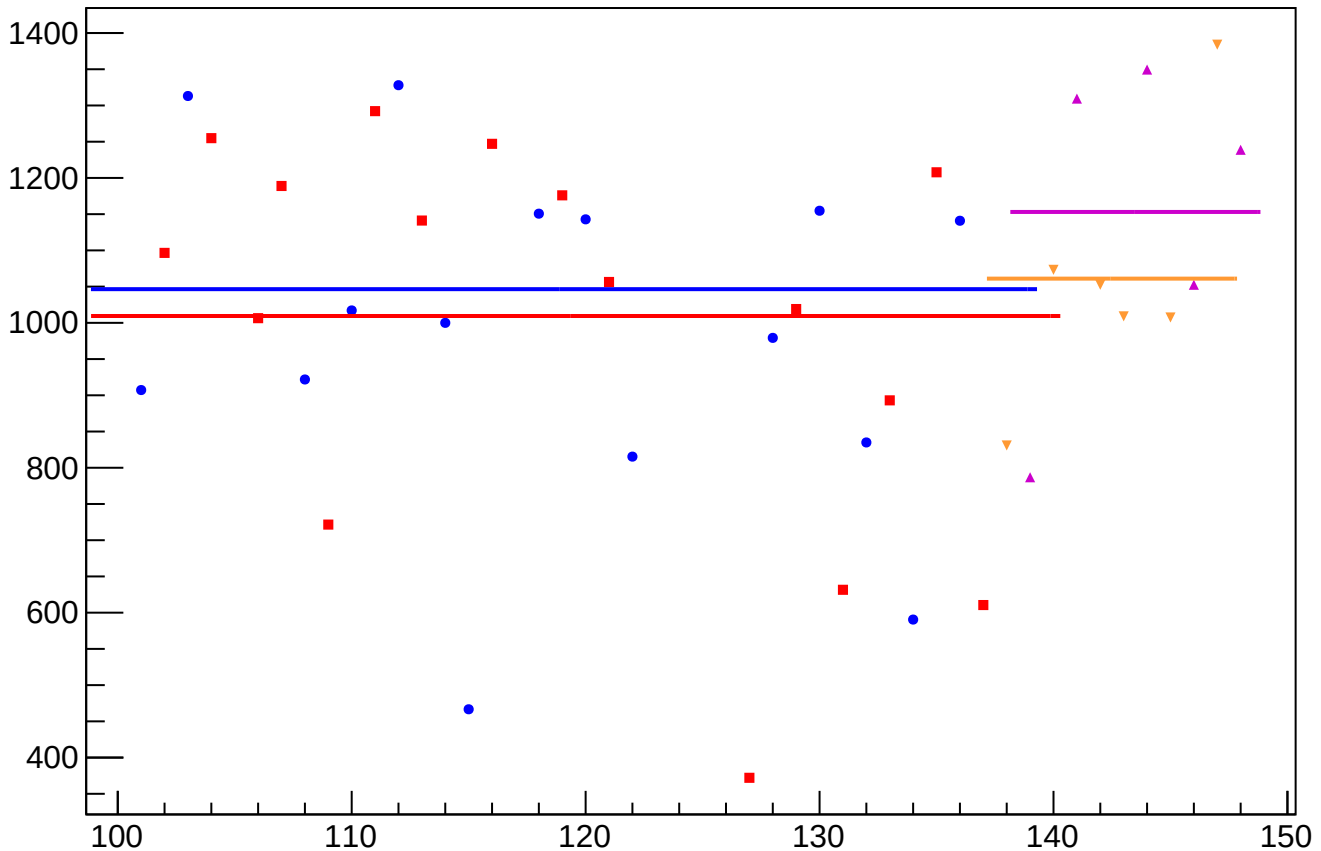
Right In: 540.663+/-0.000 χ^2/NDF : 64546819695986774721678785082975846400.0/14

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: 853.239+/-0.000 χ^2/NDF : 12031496314977129700247708575641632768.0/4

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

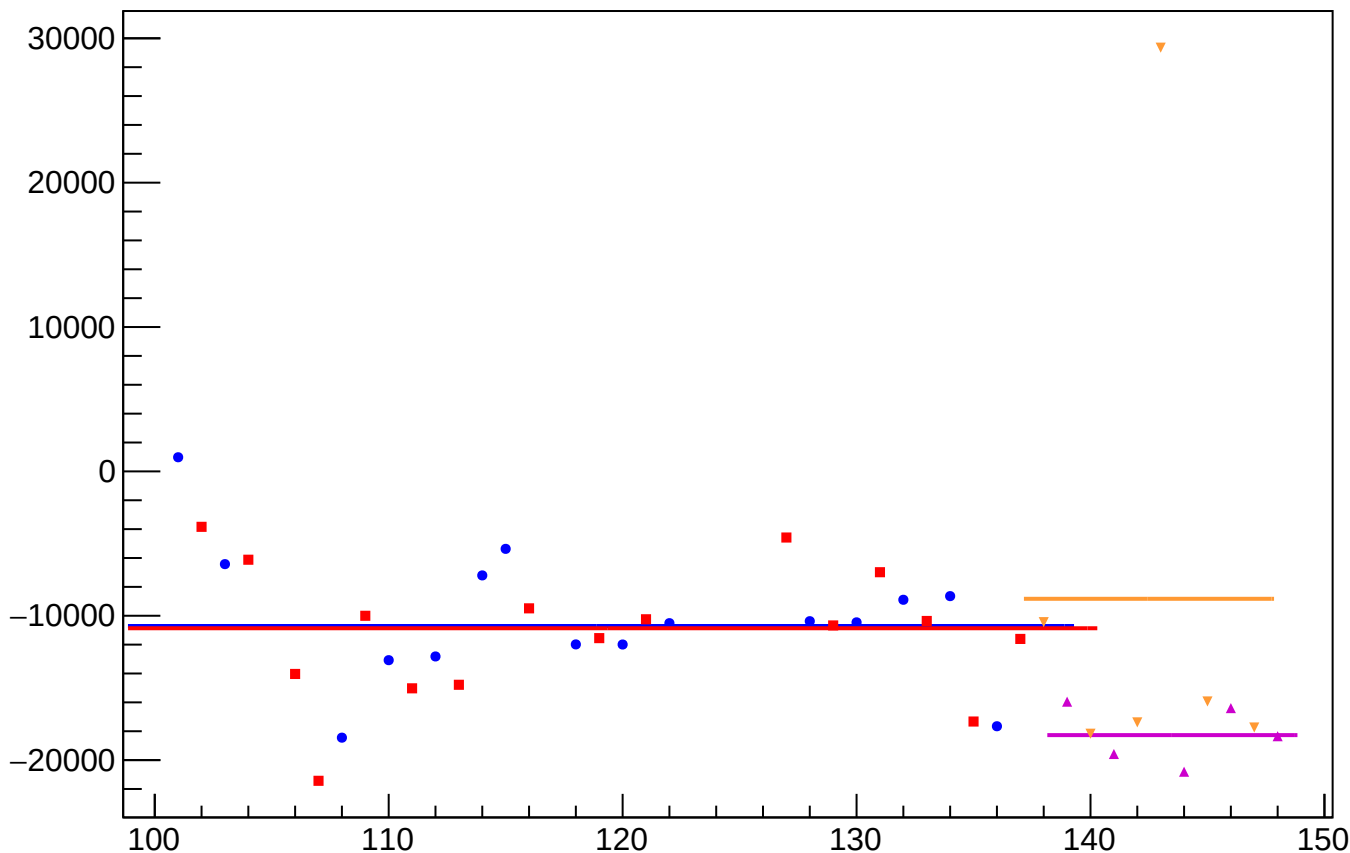
All: 1058.720+/-0.000 χ^2/NDF : 10547552717

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

dit_atl1_coil1_mean vs Slug



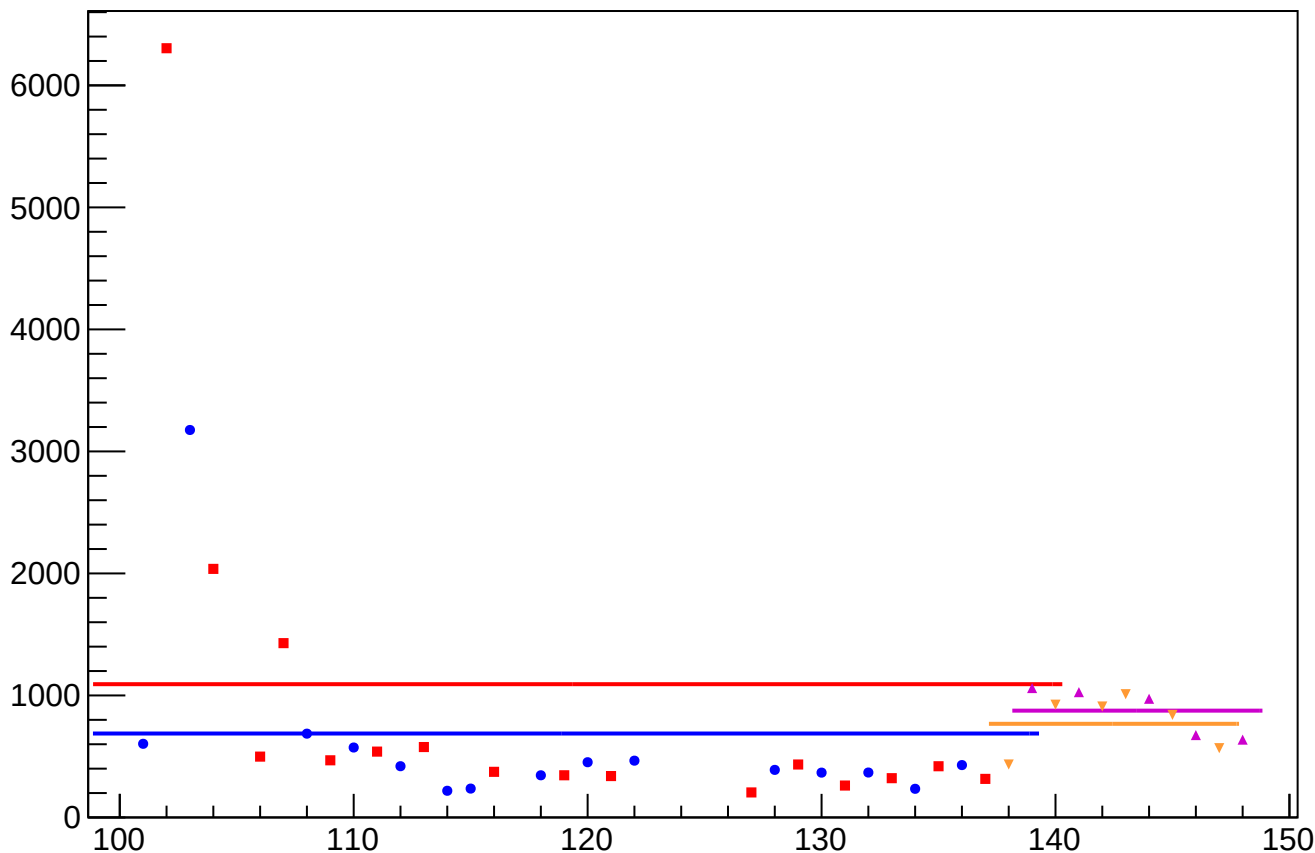
Right In: -10710.292+/-0.000 χ^2/NDF : 16945226152053511840482618402250170564608.0/14

Left Out: -8825.556+/-0.000 χ^2/NDF : 118686502035362317874010884208070720749568.0/5
+ sign -9957.095+/-0.000 χ^2/NDF : 1365530348330

Right Out: -10866.264+/-0.000 χ^2/NDF : 14234762838858382484525901644131626647552.0/15
All: -11852.903+/-0.000 χ^2/NDF : 174136045

Left In: -18268.678+/-0.000 χ^2/NDF : 1443308338232611761921593509358640037888.0/4
- sign -13734.784+/-0.000 χ^2/NDF : 2984113263898

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

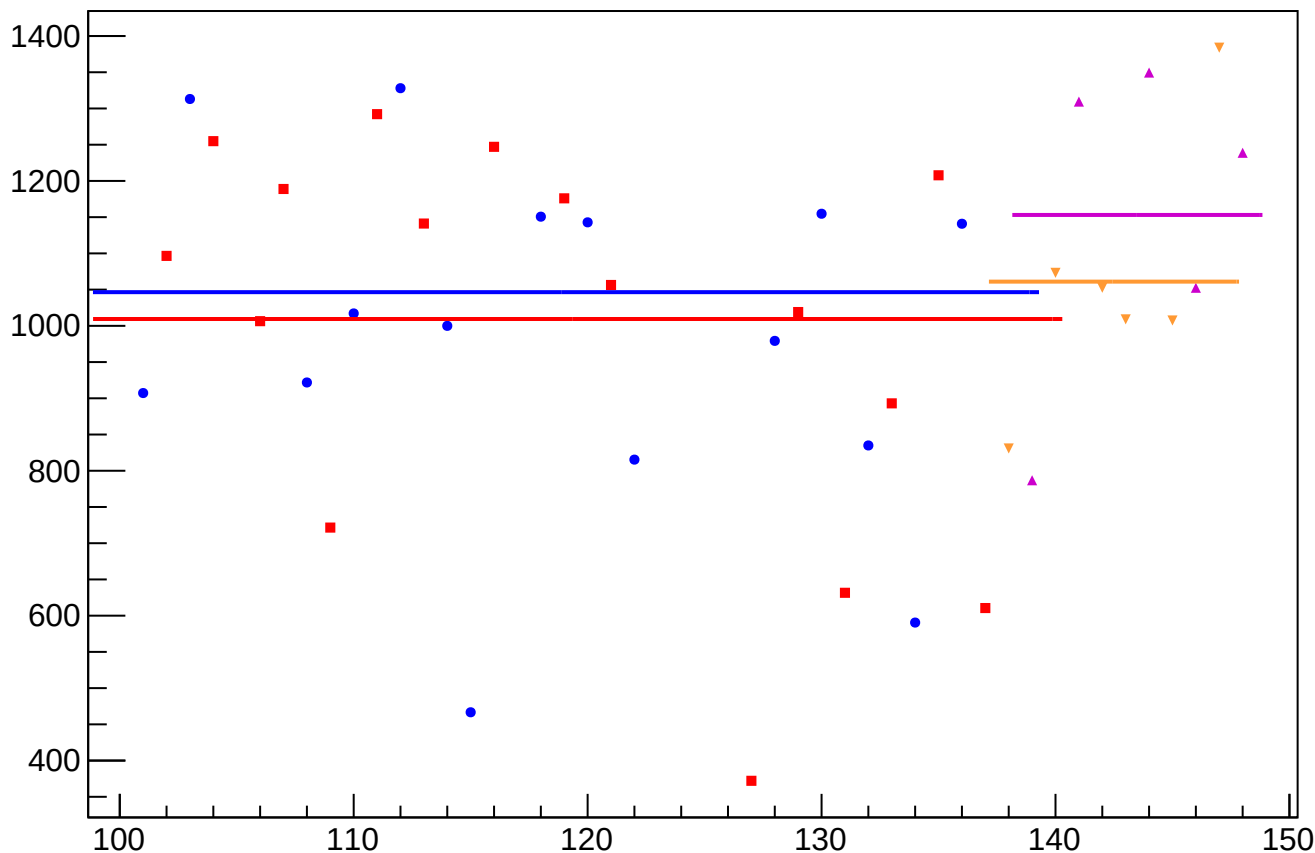
Left In: 875.406+/-0.000 χ^2/NDF : 13639895681816289376589703887657631744.0/4

All: 864.509+/-0.000 χ^2/NDF : 238418695376

+ sign 719.725+/-0.000 χ^2/NDF : 430039225357289

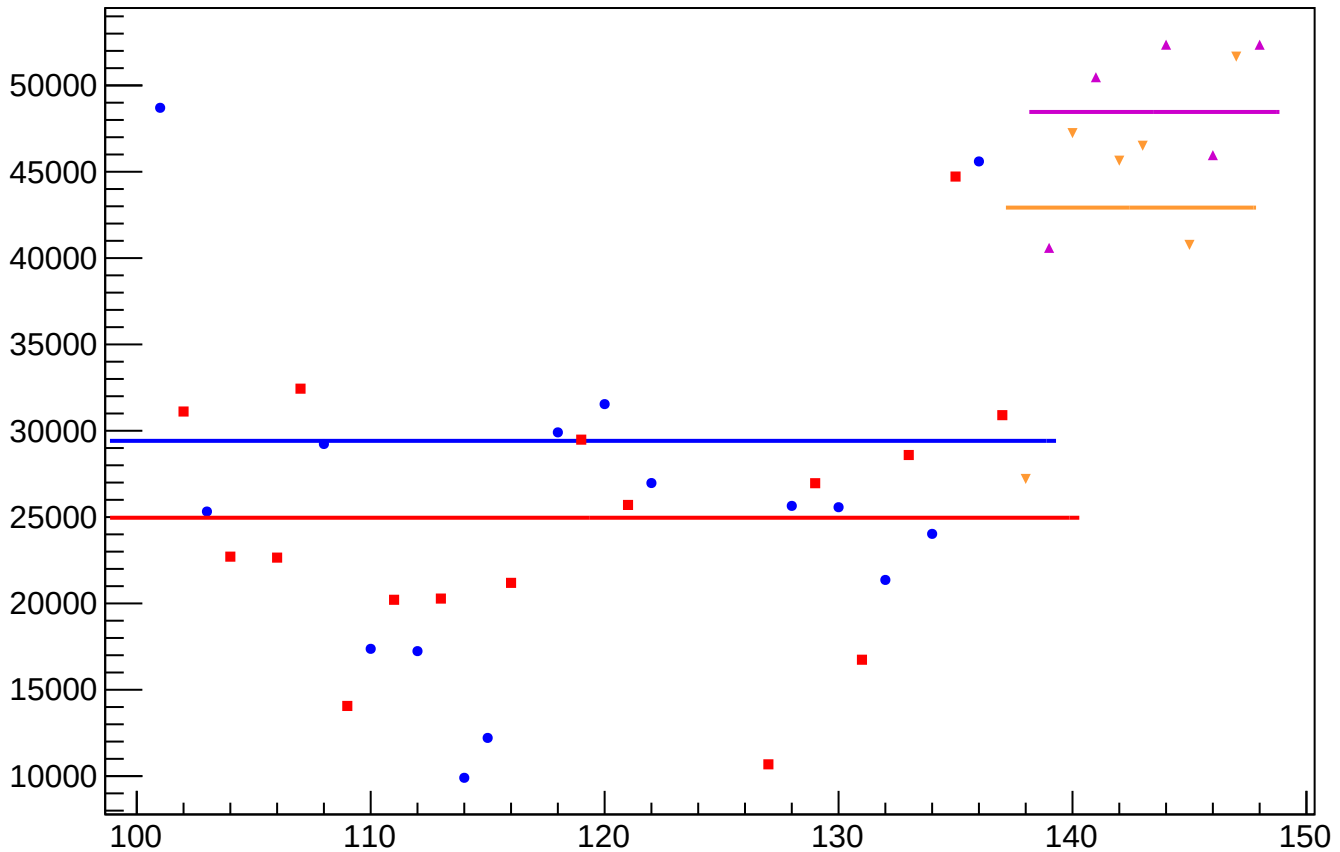
- sign 1008.229+/-0.000 χ^2/NDF : 19089933447237

dit_atl1_coil1_Ndata_mean vs Slug



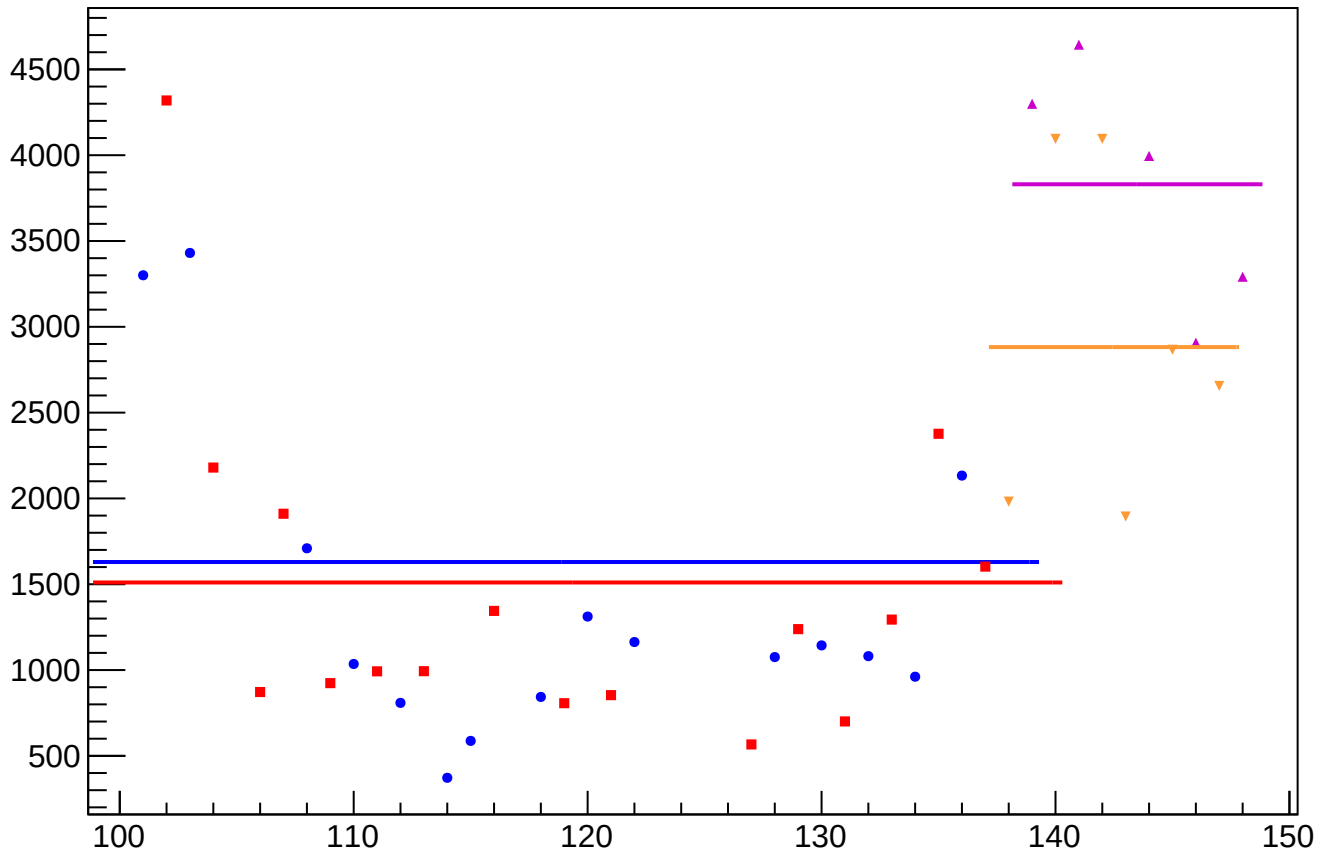
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028 ± 0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1153.050 ± 0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

dit_atl2_coil1_mean vs Slug



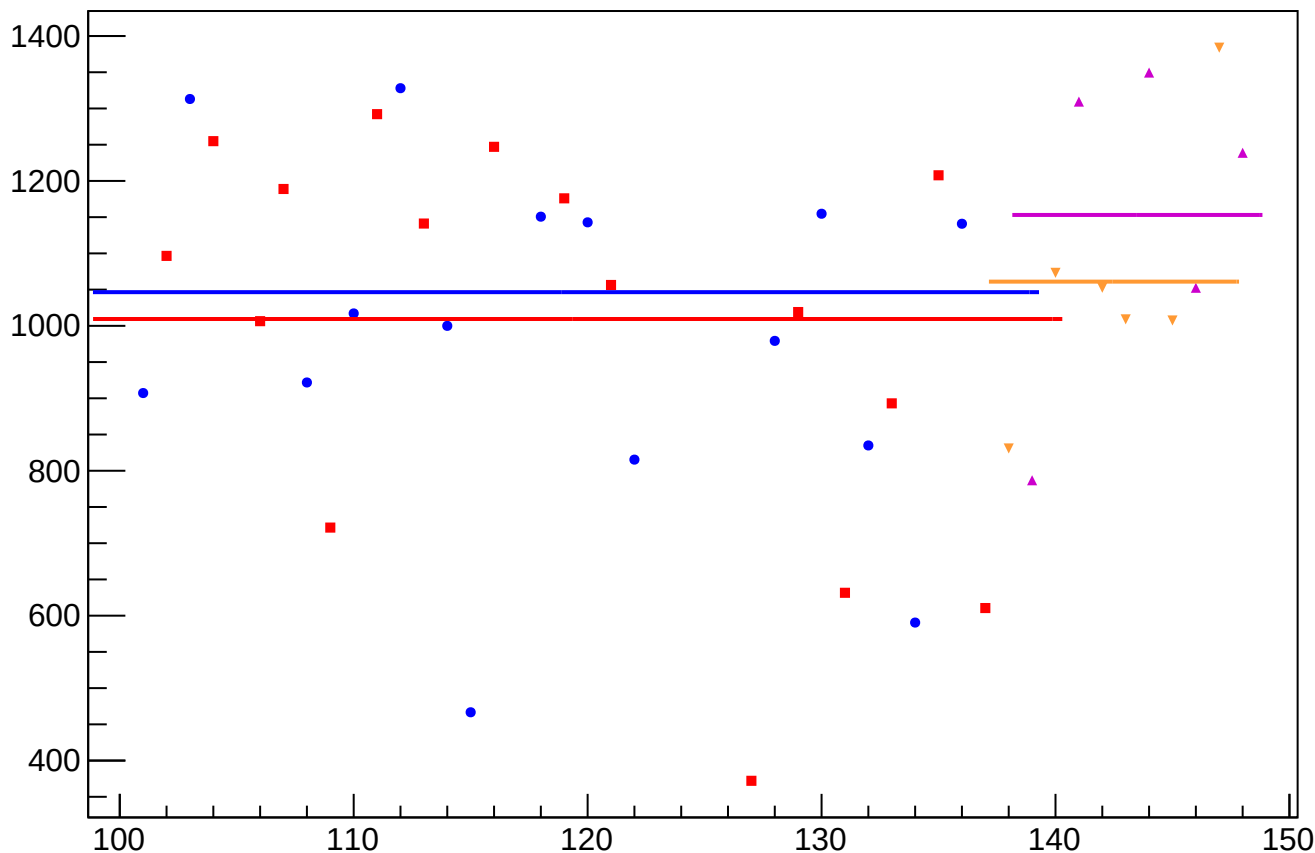
Right In: 29415.830+/-0.000 χ^2/NDF : 71764989638928082906774979753894809174016.0/14
 Left Out: 42924.070+/-0.000 χ^2/NDF : 28328067627383861635320678834567198539776.0/5
 Right Out: 24963.010+/-0.000 χ^2/NDF : 45631572920122171972835961685494315614208.0/15
 Left In: 48463.286+/-0.000 χ^2/NDF : 8505099699129353492198359224046730608640.0/4

dit_atl2_coil1_err_mean vs Slug



Right In: 1629.542 $\pm$ 0.000 χ^2 /NDF: 551738555355028902194697896437152219136.0/14
 Left Out: 2881.871 $\pm$ 0.000 χ^2 /NDF: 320988324856740043846202543726854668288.0/5
 Right Out: 1510.293 $\pm$ 0.000 χ^2 /NDF: 688231904046816211321774524619745656832.0/15
 Left In: 3830.546 $\pm$ 0.000 χ^2 /NDF: 171554707138966441887170260359861764096.0/4

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

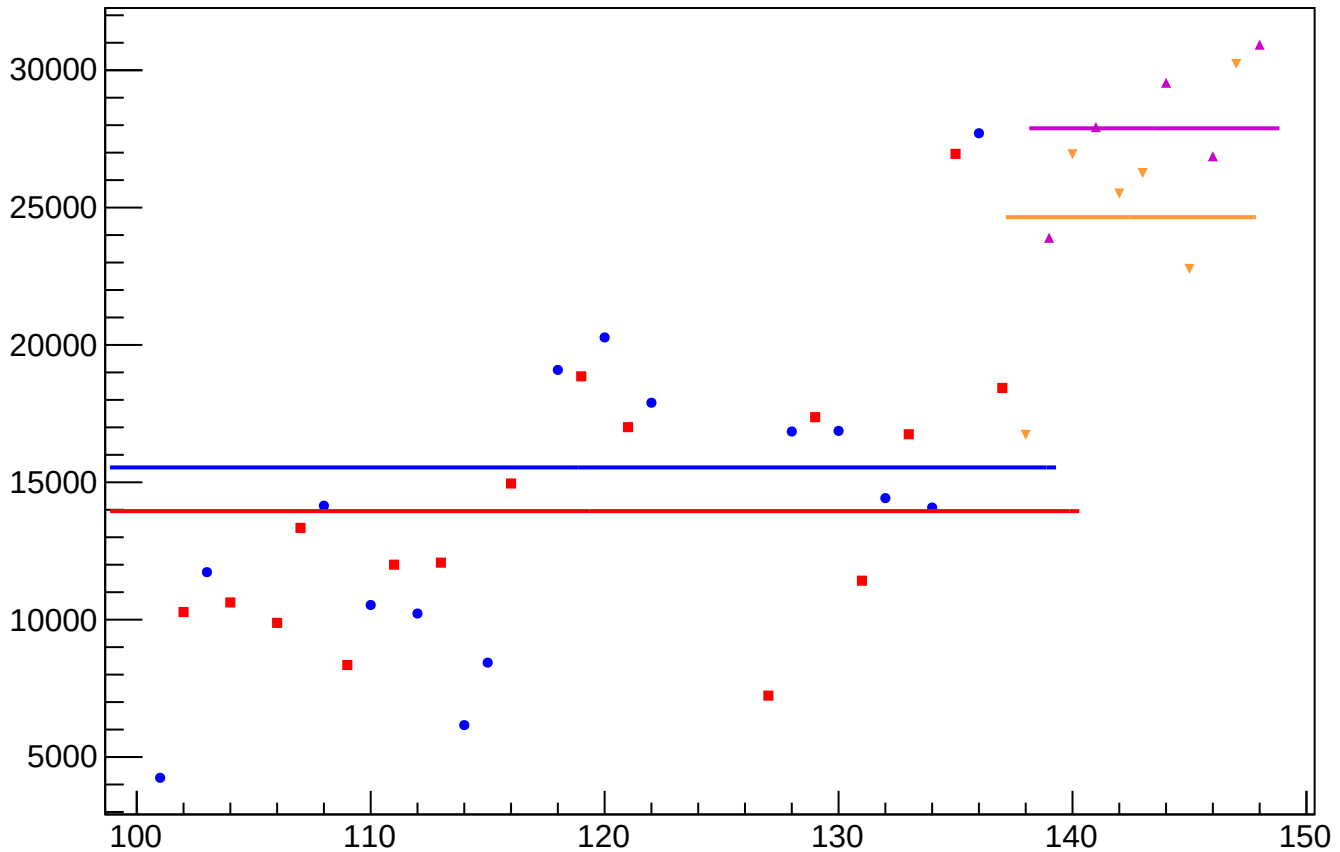
Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

+ sign 1052.300+/-0.000 χ^2/NDF : 37619254751118

All: 1058.720+/-0.000 χ^2/NDF : 10547552717

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

dit_atr1_coil1_mean vs Slug



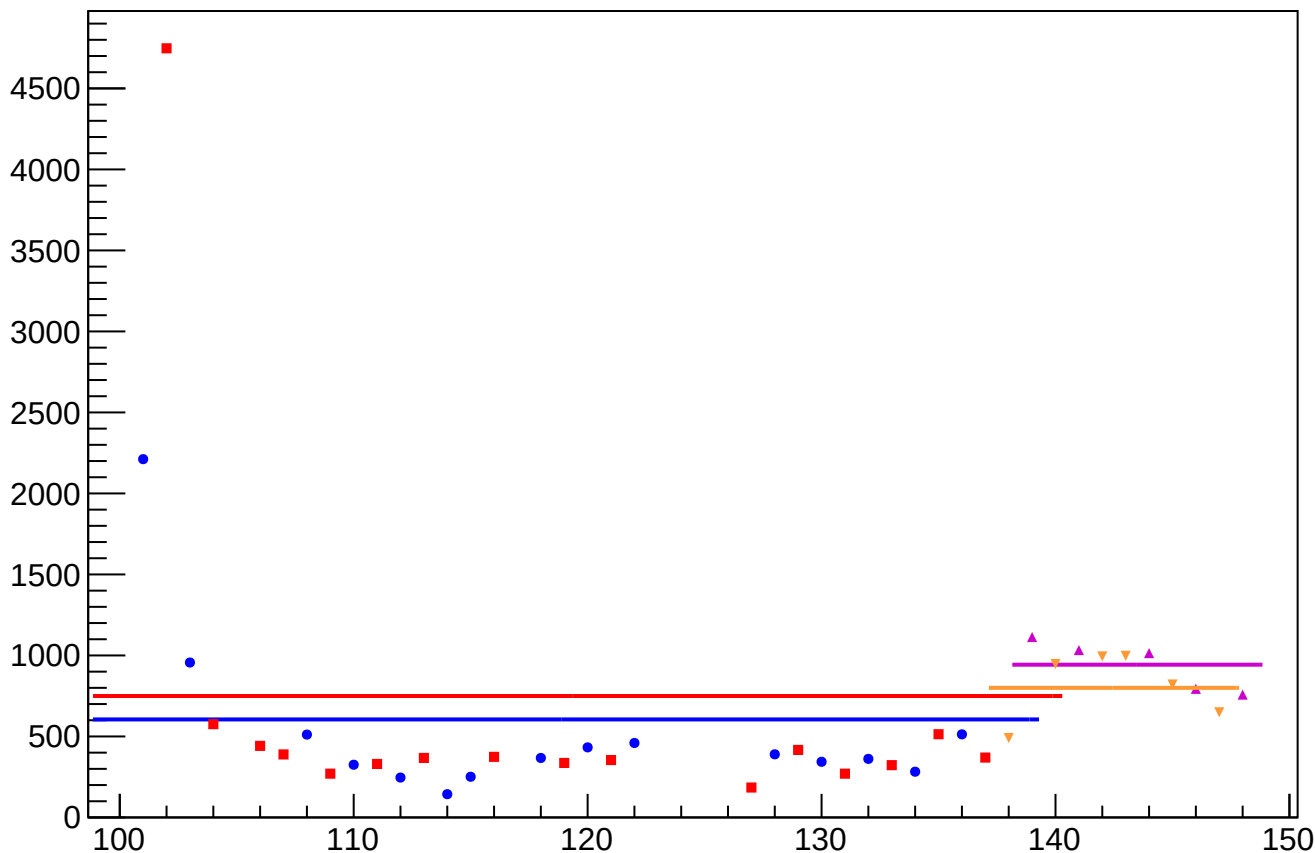
Right In: 15540.787+/-0.000	χ^2/NDF : 27383635886523601832377795383509714468864.0/14
Left Out: 24650.228+/-0.000	χ^2/NDF : 8248514544435581113871408851481507397632.0/5
Right Out: 13951.799+/-0.000	χ^2/NDF : 16954071035739584664612813430748100952064.0/15
Left In: 27886.081+/-0.000	χ^2/NDF : 2394971032981293737389941706594057191424.0/4

+ sign 19181.192+/-0.000 χ^2/NDF : 5715432763159

All: 19266.657+/-0.000 χ^2/NDF : 1267047578

- sign 19351.493+/-0.000 χ^2/NDF : 6953469665838

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

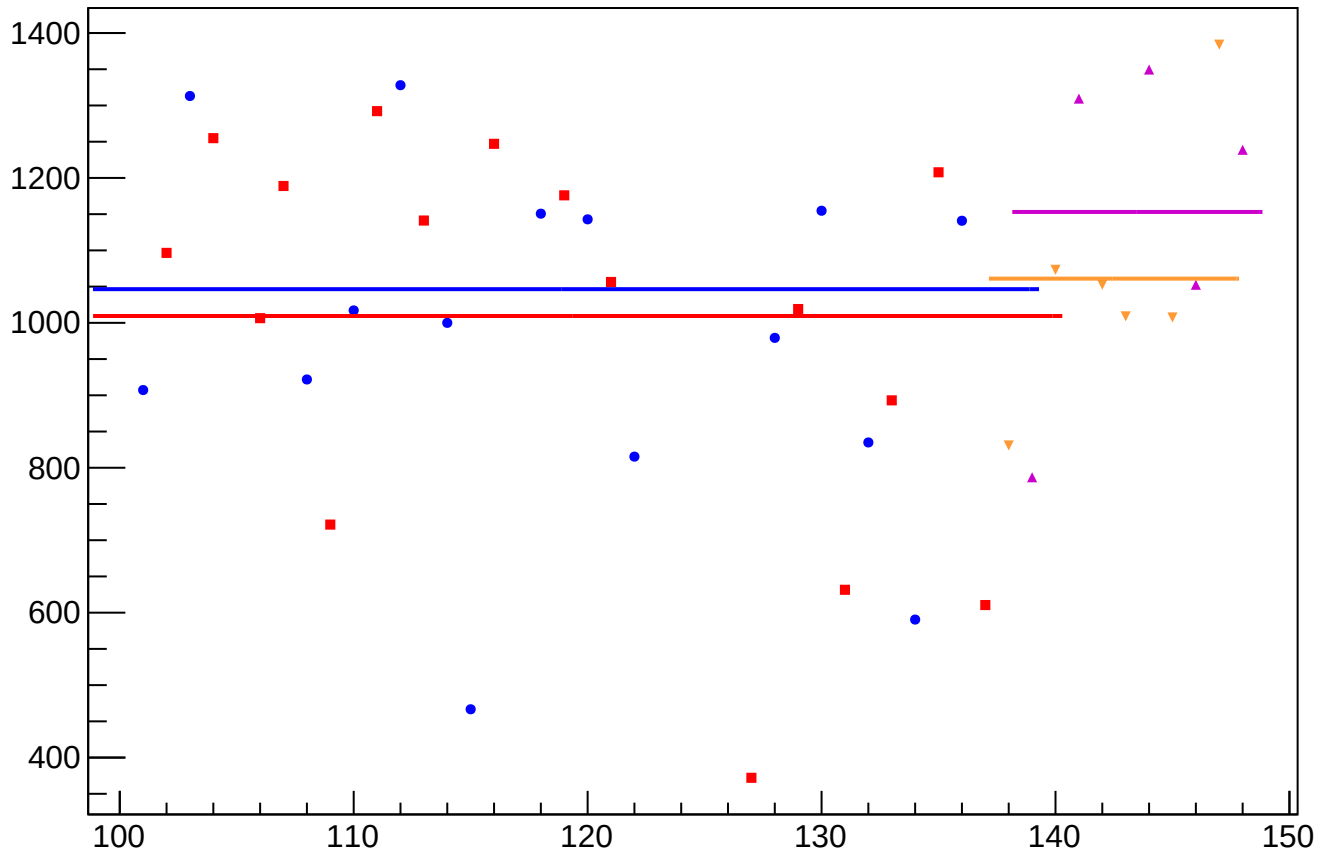
Left In: 942.933+/-0.000 χ^2/NDF : 8219553757436396027808373139954466816.0/4

+ sign 682.935+/-0.000 χ^2/NDF : 214672072944531

All: 753.982+/-0.000 χ^2/NDF : 126478632674

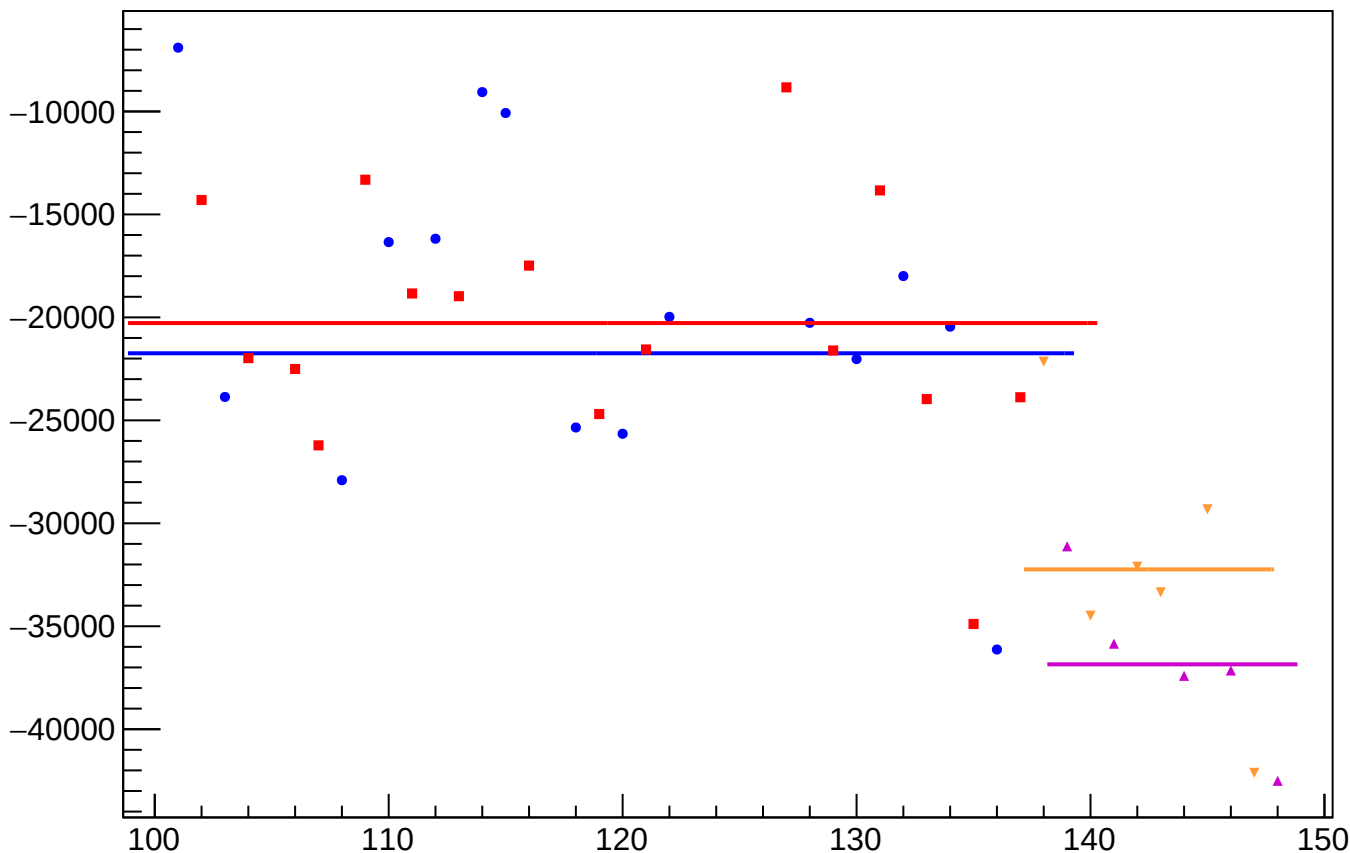
- sign 824.508+/-0.000 χ^2/NDF : 103924112217574

dit_atr1_coil1_Ndata_mean vs Slug



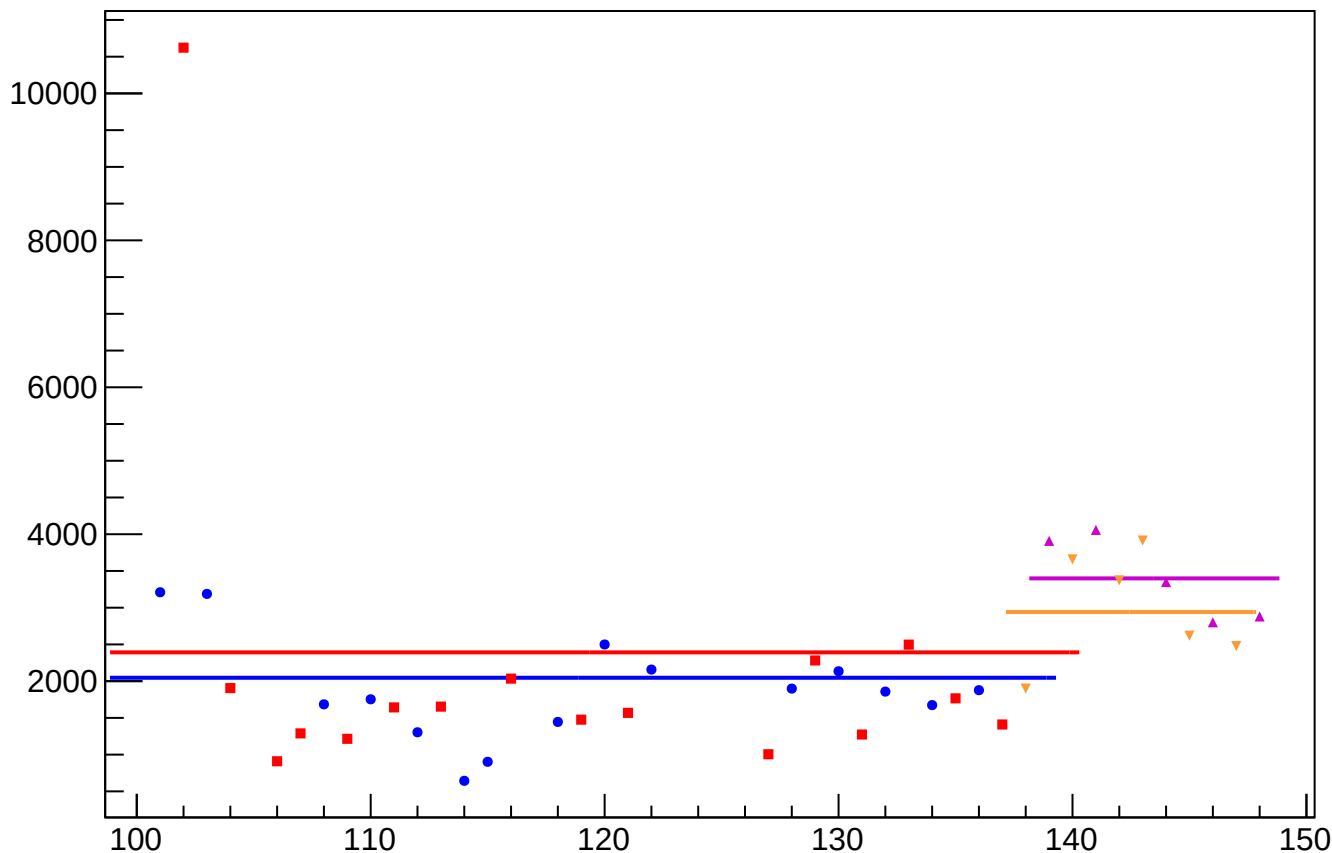
Right In: 1046.490+/-0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028+/-0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

dit_atr2_coil1_mean vs Slug



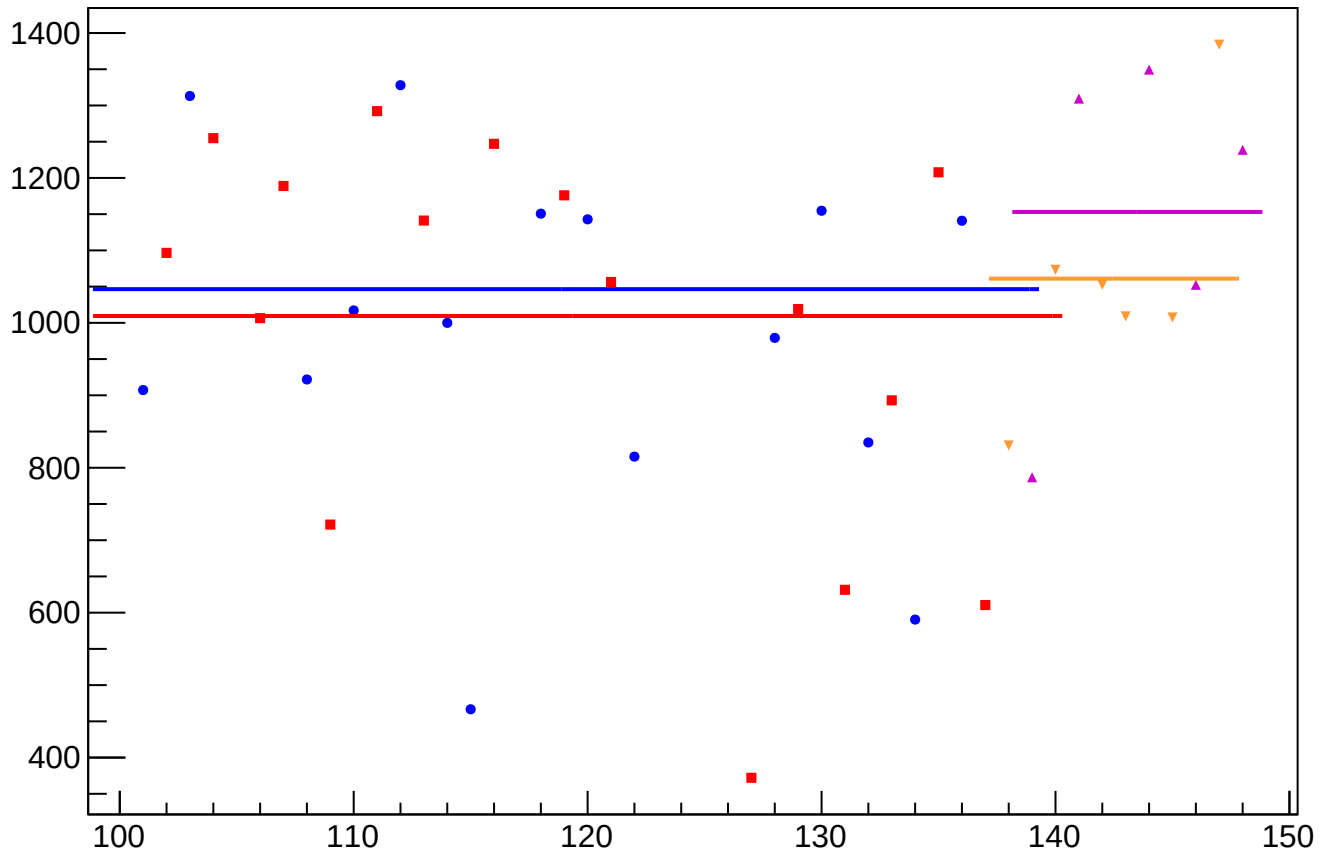
Right In: -21743.360+/-0.000 χ^2/NDF : 41106858823579527325198675675398793068544.0/14
 Left Out: -32239.363+/-0.000 χ^2/NDF : 16736920488783119323861317046259616317440.0/5
 Right Out: -20275.415+/-0.000 χ^2/NDF : 25935869132092920231681532417627320745984.0/15
 Left In: -36849.151+/-0.000 χ^2/NDF : 5468703698737574508004167892660524154880.0/4
 All: -26319.303+/-0.000 χ^2/NDF : 189133232
 + sign -25937.877+/-0.000 χ^2/NDF : 864164355873
 - sign -26697.928+/-0.000 χ^2/NDF : 1024034111218

dit_atr2_coil1_err_mean vs Slug



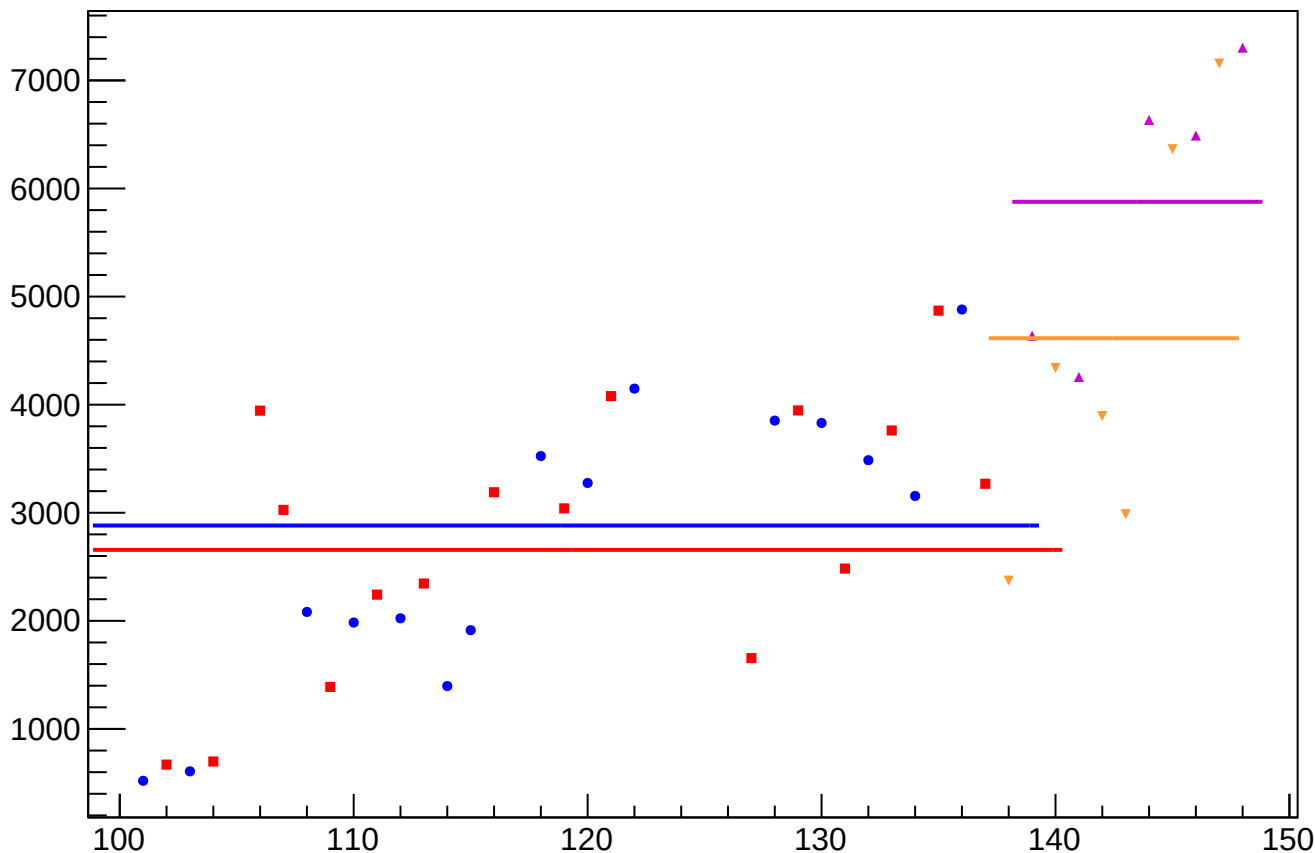
Right In: 2046.354+/-0.000 χ^2/NDF : 266555515927348892036833058355226345472.0/14
 Left Out: 2941.523+/-0.000 χ^2/NDF : 224116630286400031765610406896407150592.0/5
 Right Out: 2391.939+/-0.000 χ^2/NDF : 4415294964789778815259357544579499819008.0/15
 Left In: 3398.809+/-0.000 χ^2/NDF : 110524721967498727919296628158564925440.0/4

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: 1153.050 ± 0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

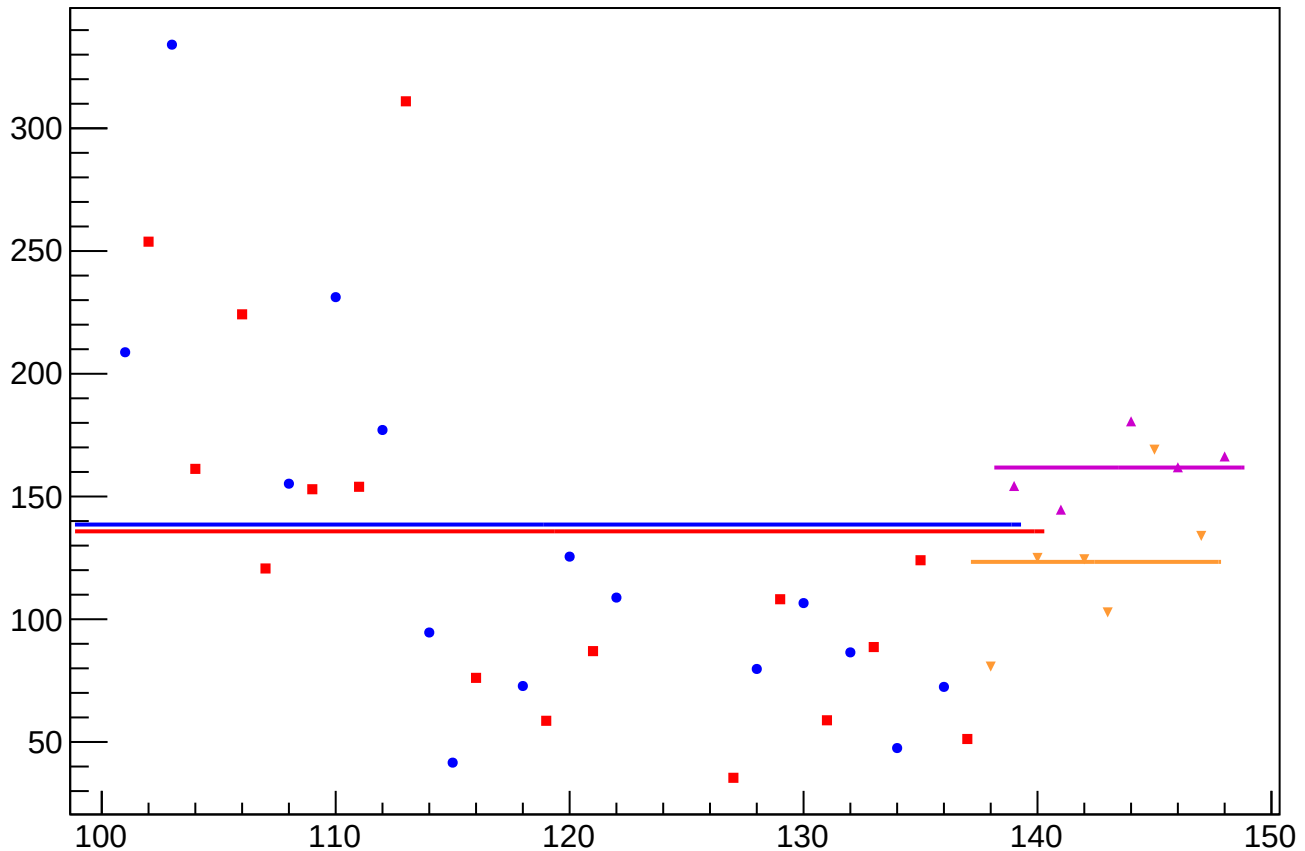
dit_sam1_coil1_mean vs Slug



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: 5876.898+/-0.000	χ^2/NDF : 600789852581032006515132723239940259840.0/4

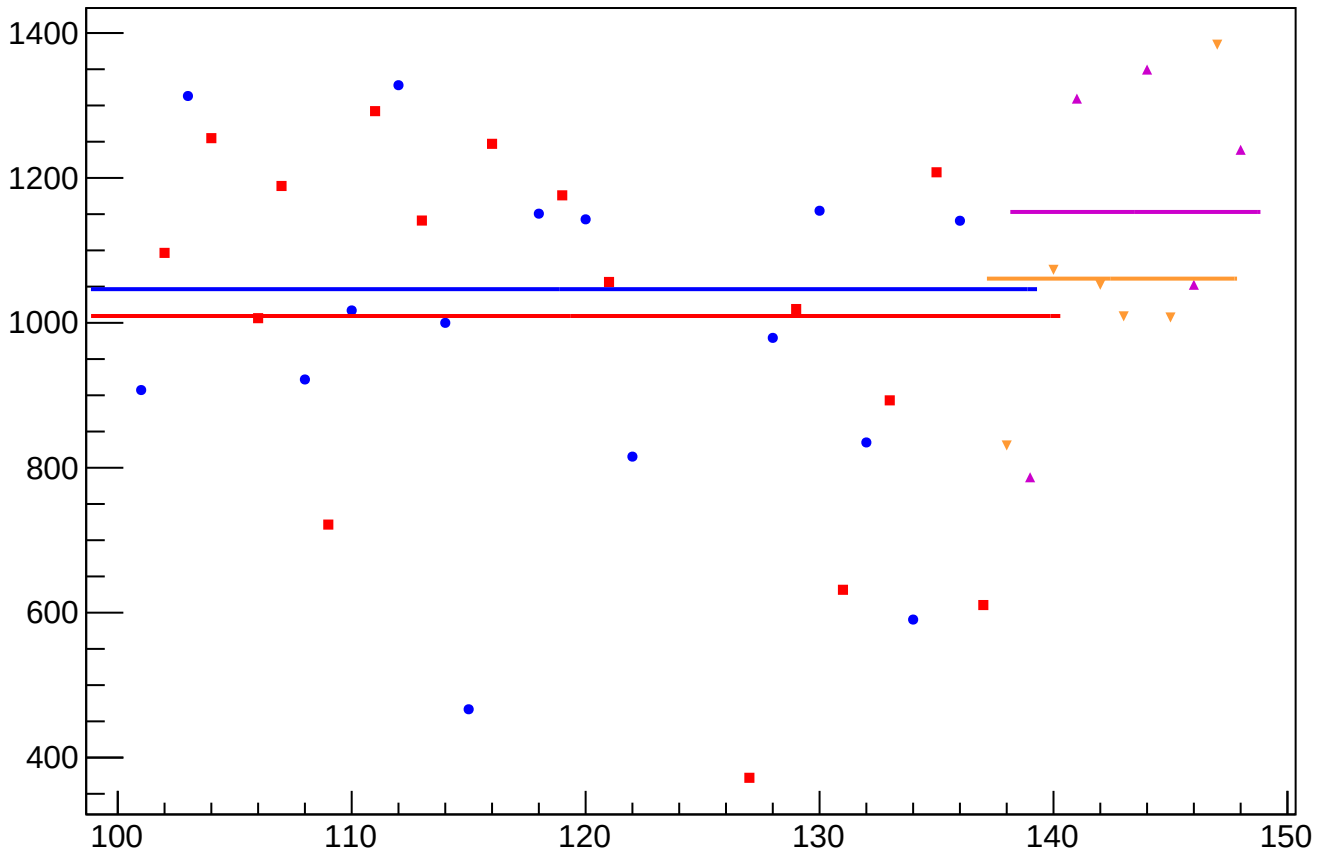
+ sign 3574.483+/-0.000 χ^2/NDF : 34510477816289
 All: 3740.199+/-0.000 χ^2/NDF : 78685761090
 - sign 3904.697+/-0.000 χ^2/NDF : 43583741378030

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: 161.802 $\pm$ 0.000 χ^2 /NDF: 62836010933974819666949015787798528.0/4

dit_sam1_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

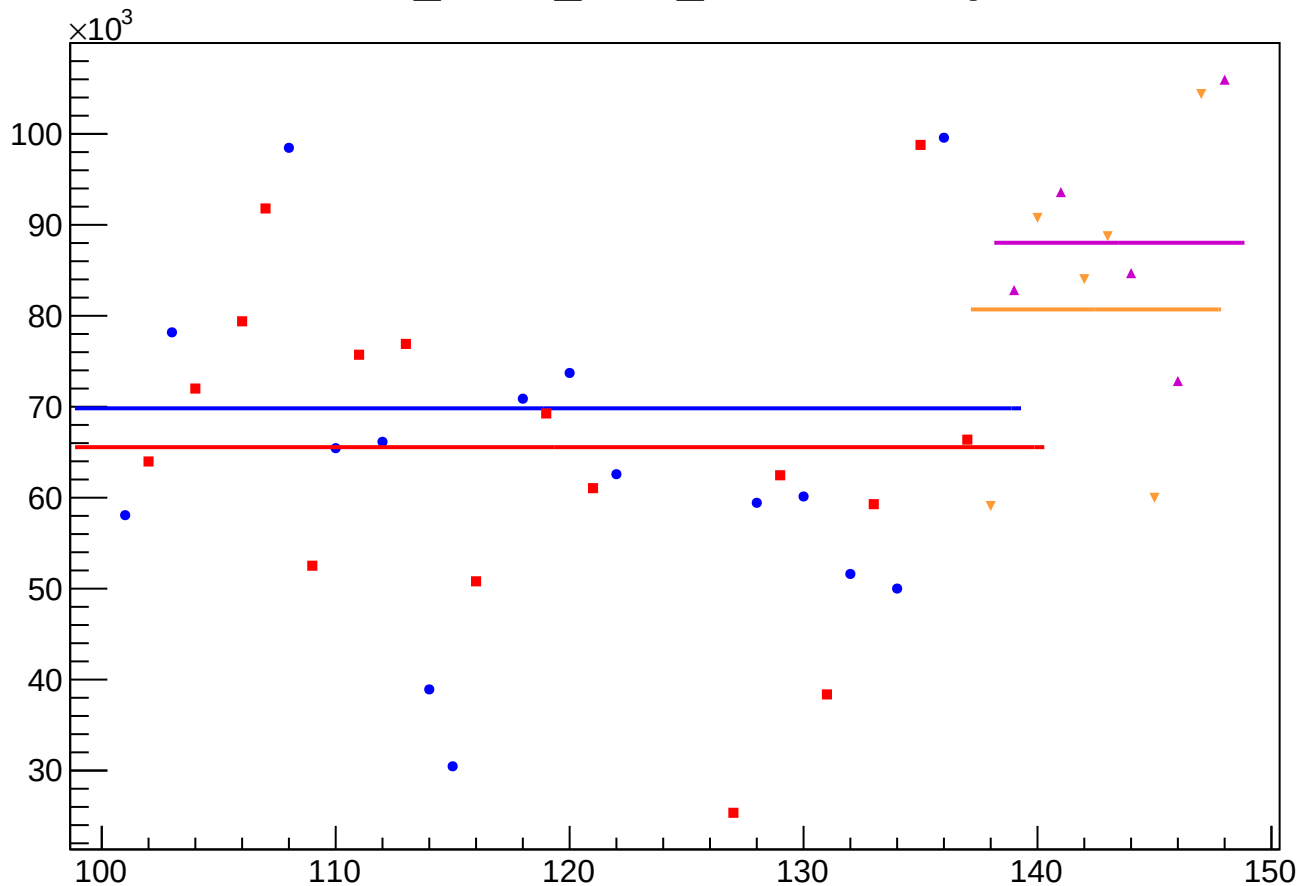
All: 1058.720+/-0.000 χ^2/NDF : 10547552717

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

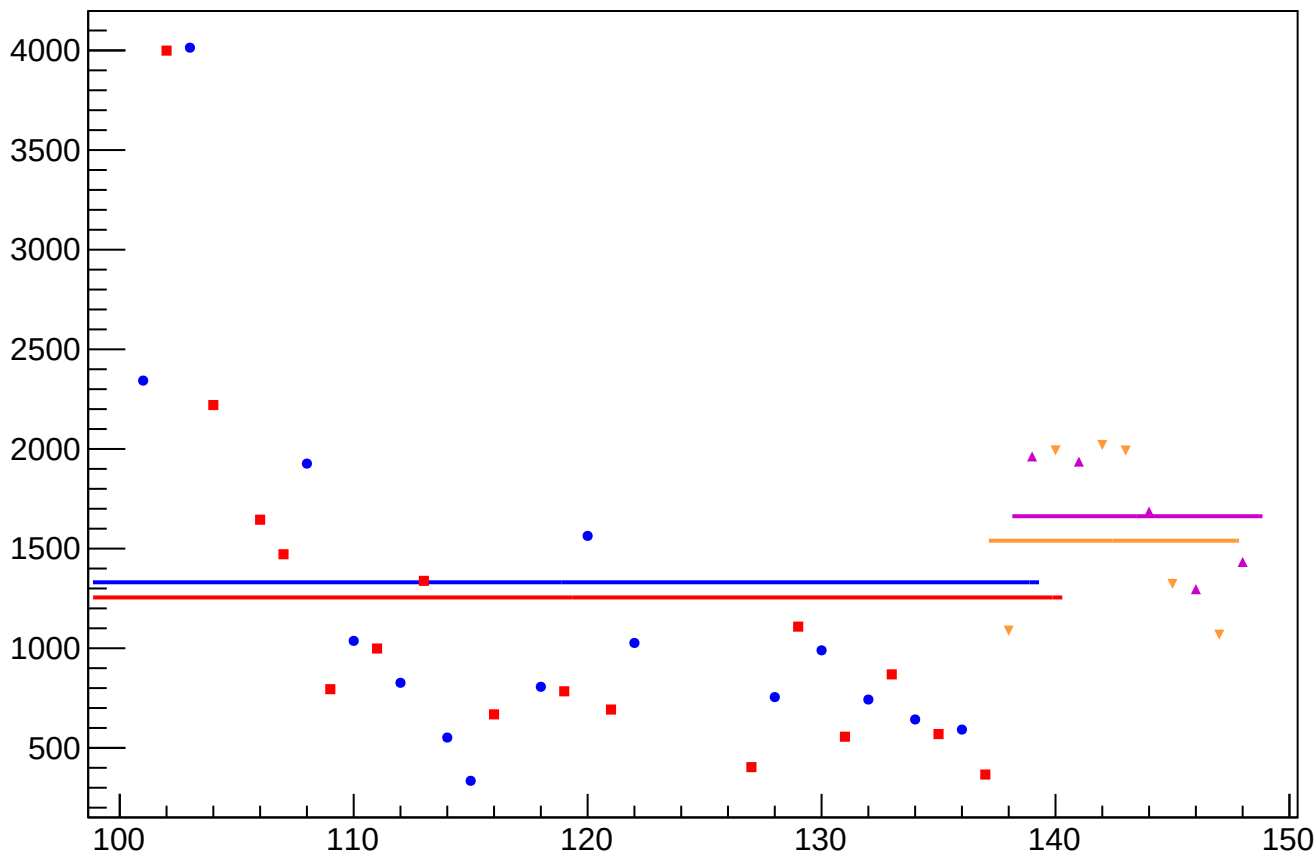
dit_sam2_coil1_mean vs Slug



Right In: 69827.797+/-0.000	χ^2/NDF : 187803282116493131197684060541288926150656.0/14
Left Out: 80700.164+/-0.000	χ^2/NDF : 128109796906825559021165592559668990836736.0/5
Right Out: 65555.147+/-0.000	χ^2/NDF : 212001467811386750910625783195999741673472.0/15
Left In: 88029.624+/-0.000	χ^2/NDF : 52010638002142387975960764087248271441920.0/4

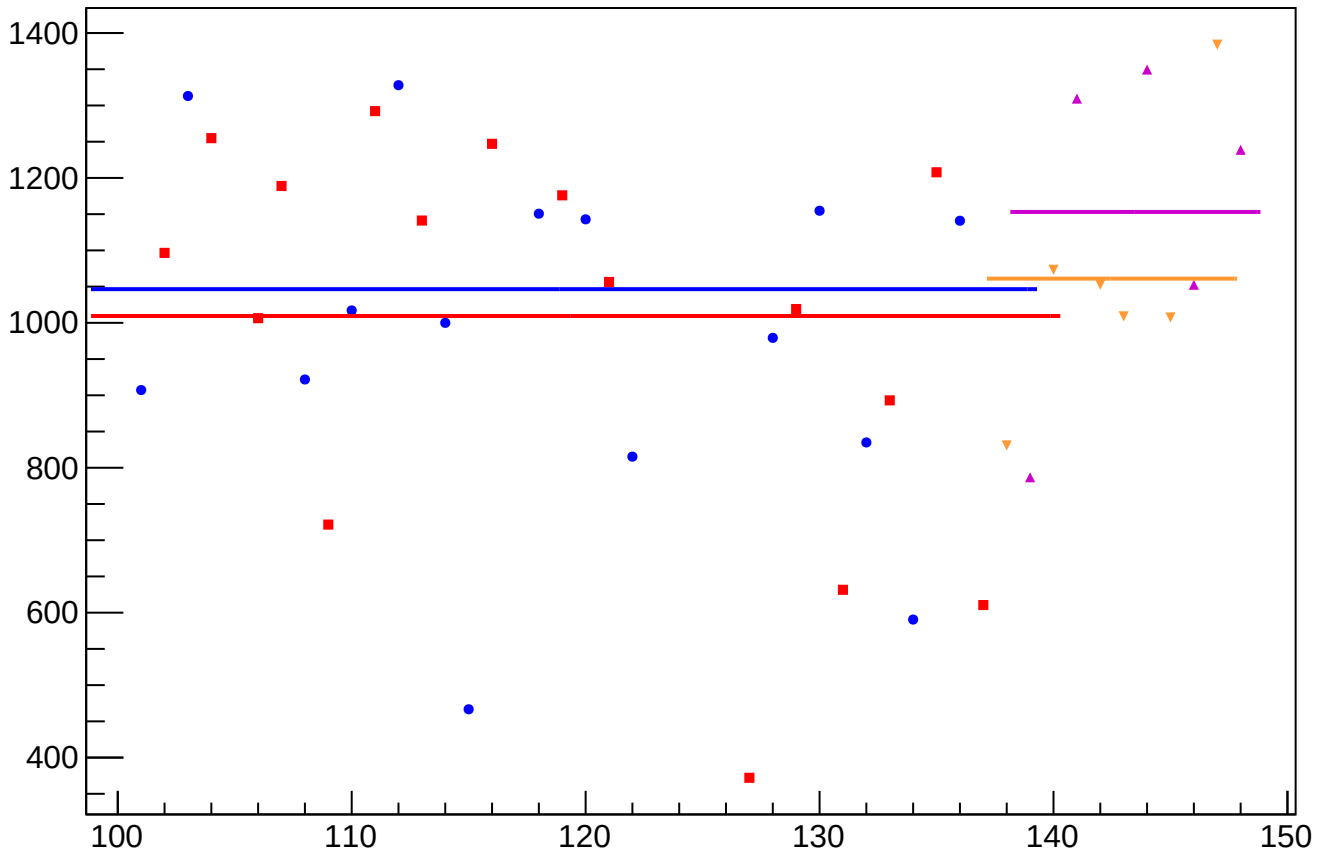
+ sign 74172.721+/-0.000 χ^2/NDF : 3465715836304
 All: 74218.662+/-0.000 χ^2/NDF : 7411420505
 - sign 74264.265+/-0.000 χ^2/NDF : 3945659206962

dit_sam2_coil1_err_mean vs Slug



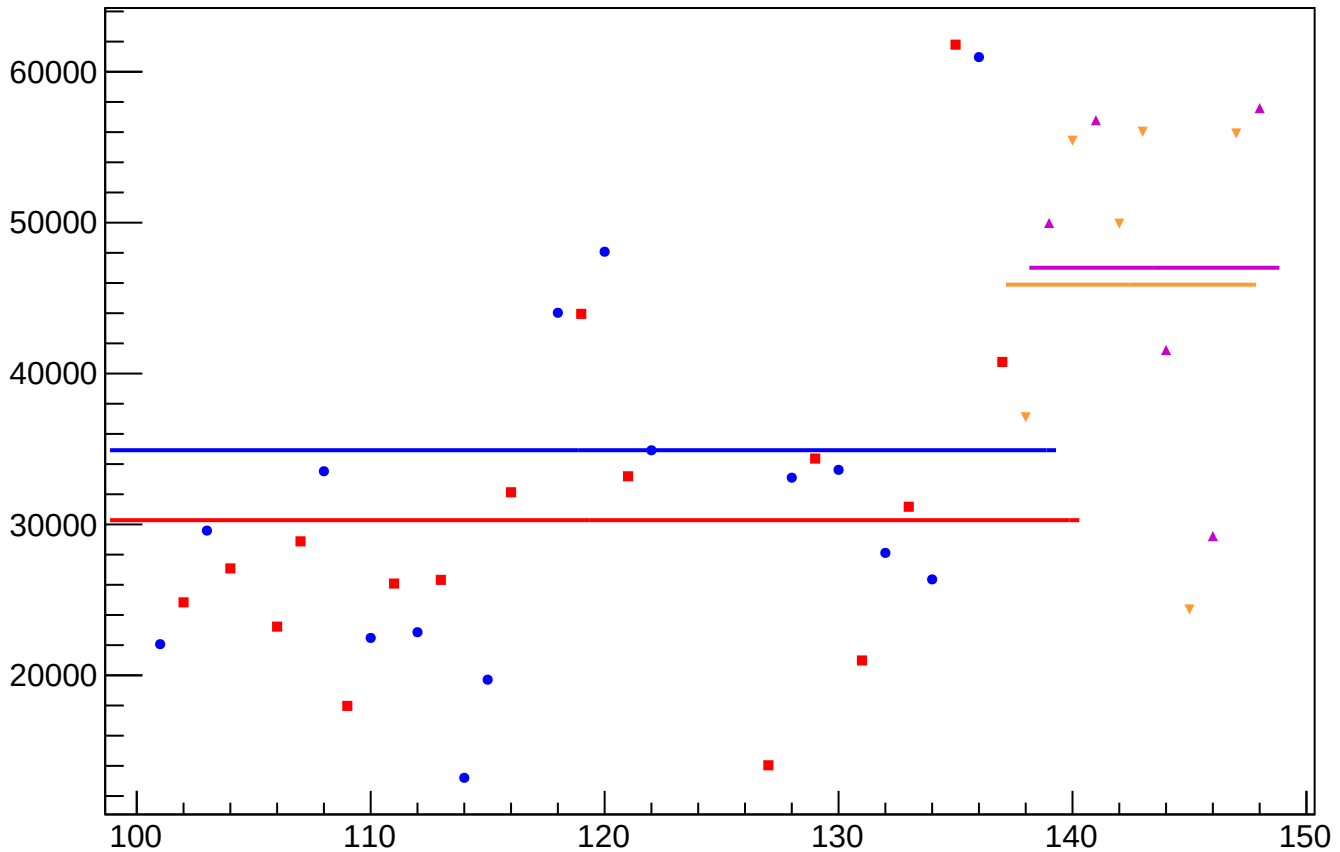
Right In: 1330.956+/-0.000 χ^2/NDF : 649481263842681659449409147059572834304.0/14
 Left Out: 1539.677+/-0.000 χ^2/NDF : 78205149202867637734075069682656739328.0/5
 Right Out: 1254.871+/-0.000 χ^2/NDF : 632140068983304062809817716800861765632.0/15
 Left In: 1662.539+/-0.000 χ^2/NDF : 29278053090143206875654430866930663424.0/4

dit_sam2_coil1_Ndata_mean vs Slug



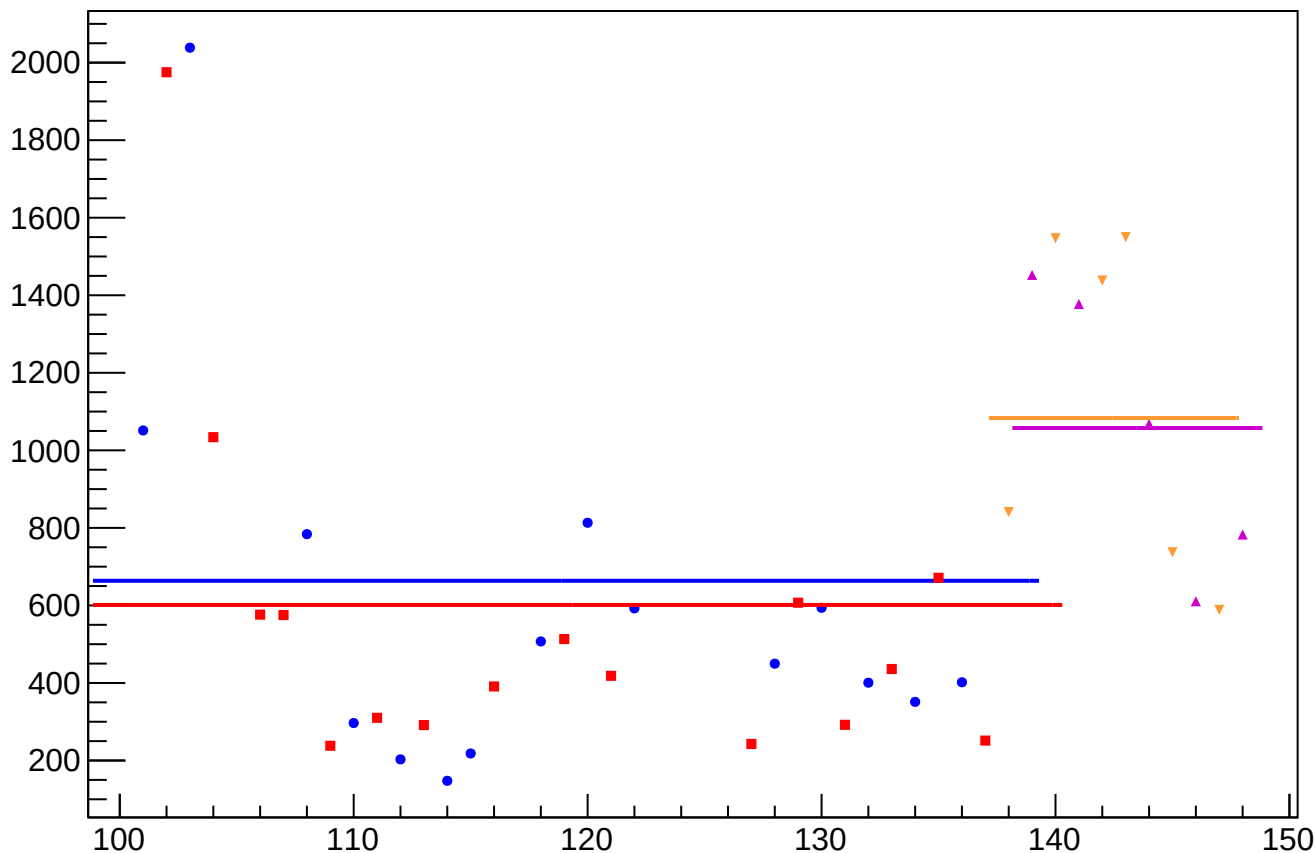
Right In: 1046.490 ± 0.000 χ^2/NDF : 24866624766048512267031234680614551552.0/14
 Left Out: 1061.028 ± 0.000 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 Right Out: 1009.445 ± 0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15
 Left In: 1153.050 ± 0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4
 All: 1058.720 ± 0.000 χ^2/NDF : 10547552717
 + sign 1052.300 ± 0.000 χ^2/NDF : 37619254751118
 - sign 1065.094 ± 0.000 χ^2/NDF : 67767474552557

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: 47011.559+/-0.000 χ^2/NDF : 47125960061072446752828674383187619610624.0/4

dit_sam3_coil1_err_mean vs Slug



Right In: 663.574+/-0.000 χ^2/NDF : 157691812872720822886914966597312446464.0/14

Left Out: 1083.436+/-0.000 χ^2/NDF : 71384987904717020849771456427416616960.0/5

Right Out: 601.216+/-0.000 χ^2/NDF : 149717884331889332339995334350831878144.0/15

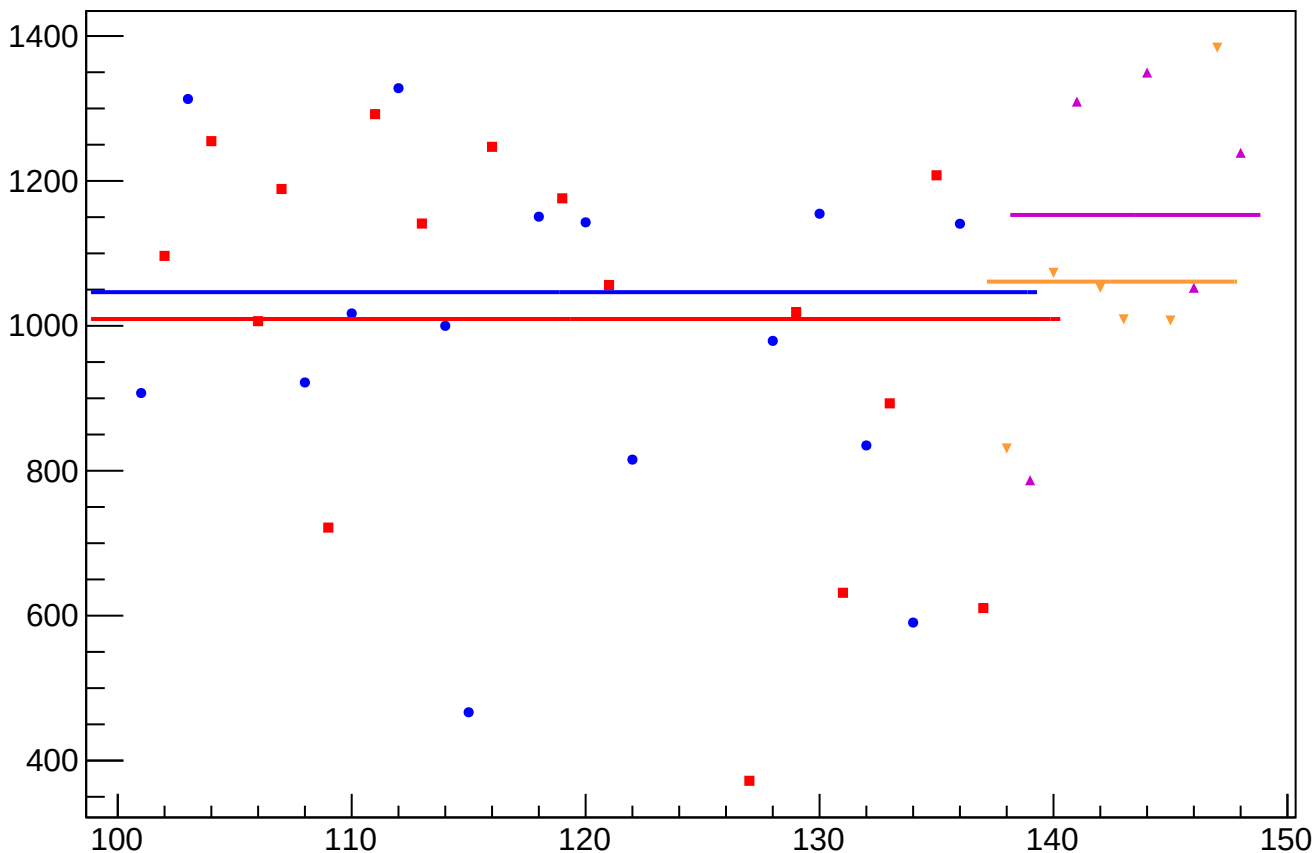
Left In: 1057.555+/-0.000 χ^2/NDF : 44251209342835575036886484613282660352.0/4

+ sign 831.363+/-0.000 χ^2/NDF : 274797994305755

All: 804.610+/-0.000 χ^2/NDF : 524134079396

- sign 778.053+/-0.000 χ^2/NDF : 247794310772555

dit_sam3_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

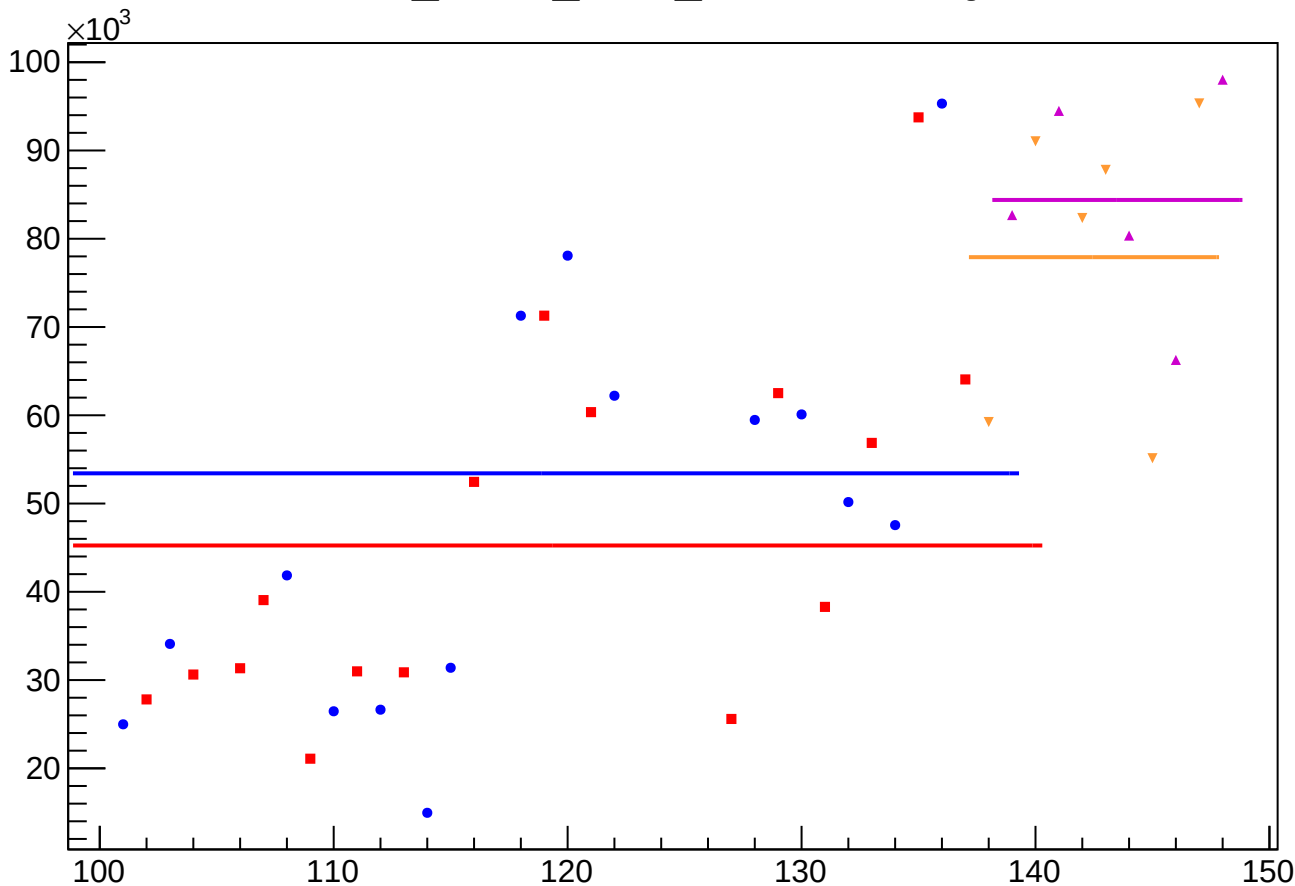
All: 1058.720+/-0.000 χ^2/NDF : 10547552717

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

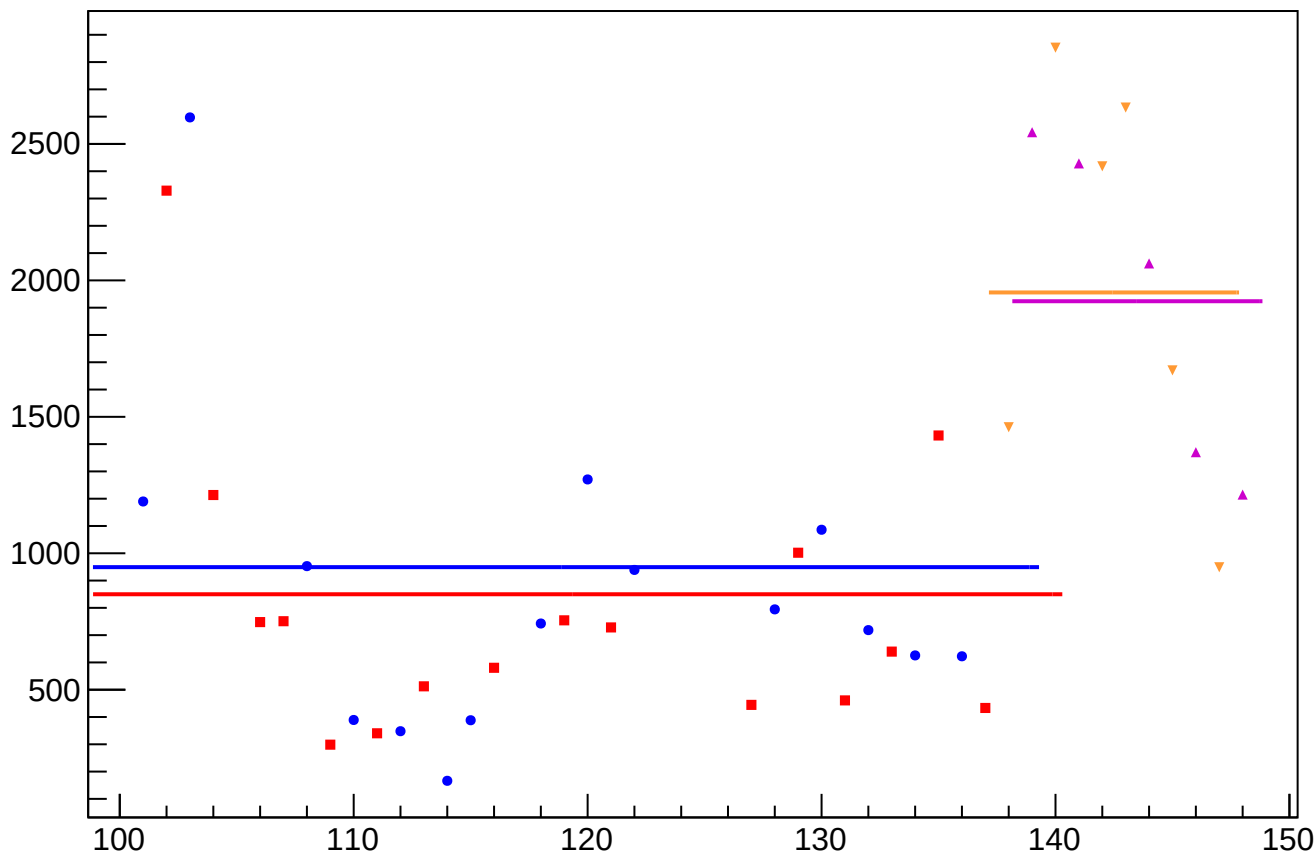
dit_sam4_coil1_mean vs Slug



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: 84395.673+/-0.000	χ^2/NDF : 53203910901052797959347210355139474882560.0/4

+ sign 63209.868+/-0.000 χ^2/NDF : 6306999637926
 All: 61808.757+/-0.000 χ^2/NDF : 1370316409
 - sign 60417.938+/-0.000 χ^2/NDF : 7353877831850

dit_sam4_coil1_err_mean vs Slug



Right In: 949.197+/-0.000 χ^2/NDF : 225691032183153732733308094067658194944.0/14

Left Out: 1955.819+/-0.000 χ^2/NDF : 211306370346989261060543024722861883392.0/5

Right Out: 849.827+/-0.000 χ^2/NDF : 204622224261577247702227312745197338624.0/15

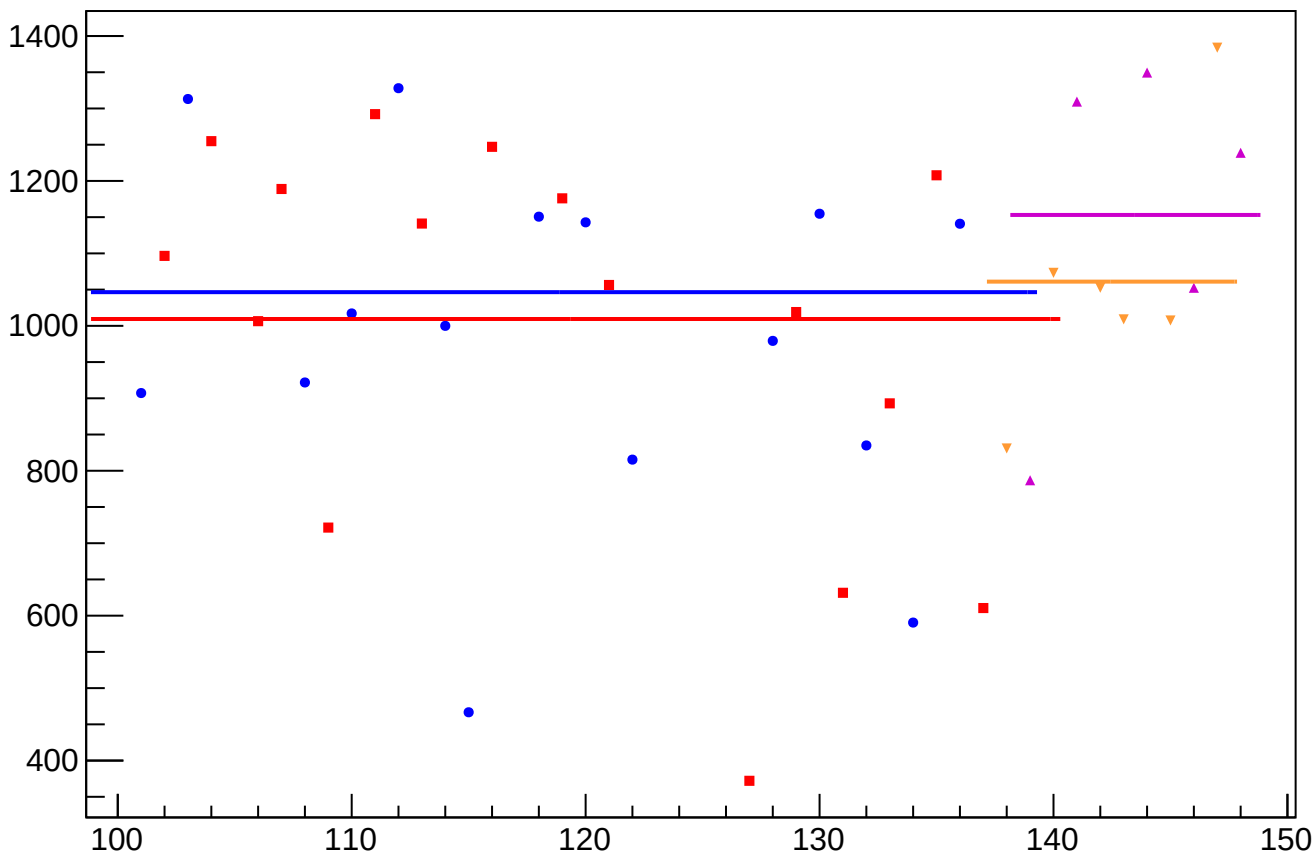
Left In: 1923.625+/-0.000 χ^2/NDF : 122035447034161716546379351154686427136.0/4

+ sign 1351.473+/-0.000 χ^2/NDF : 69980341186876

All: 1308.547+/-0.000 χ^2/NDF : 13284575324

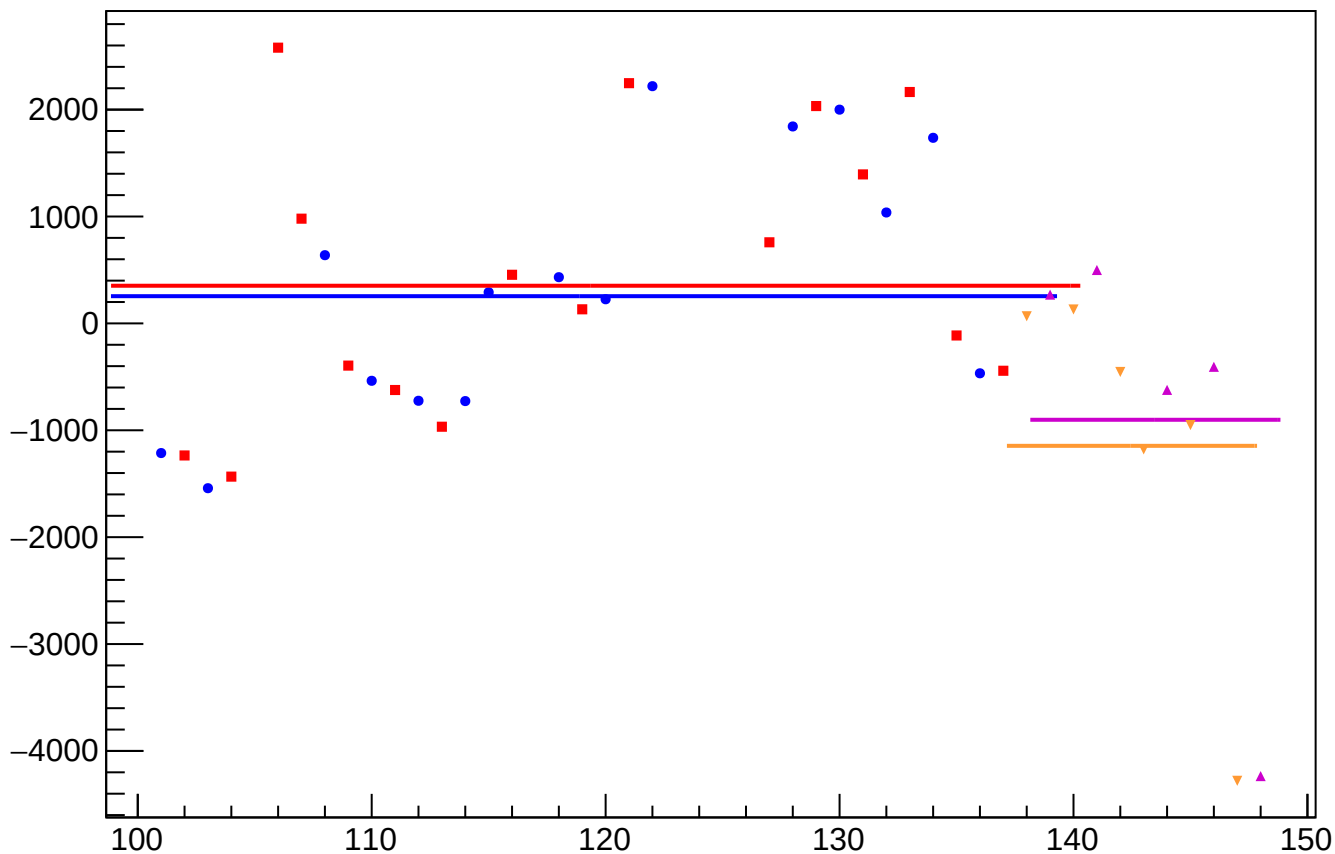
- sign 1265.936+/-0.000 χ^2/NDF : 62468489903905

dit_sam4_coil1_Ndata_mean vs Slug



$\chi^2/\text{NDF: } 24866624766048512267031234680614551552.0/14$
 $+ \text{ sign } 1052.300 \pm 0.000 \quad \chi^2/\text{NDF: } 37619254751118$
 $\chi^2/\text{NDF: } 12697814946720082369620351550469701632.0/5$
 $\text{All: } 1058.720 \pm 0.000 \quad \chi^2/\text{NDF: } 10547552717$
 $- \text{ sign } 1065.094 \pm 0.000 \quad \chi^2/\text{NDF: } 67767474552557$

dit_sam5_coil1_mean vs Slug



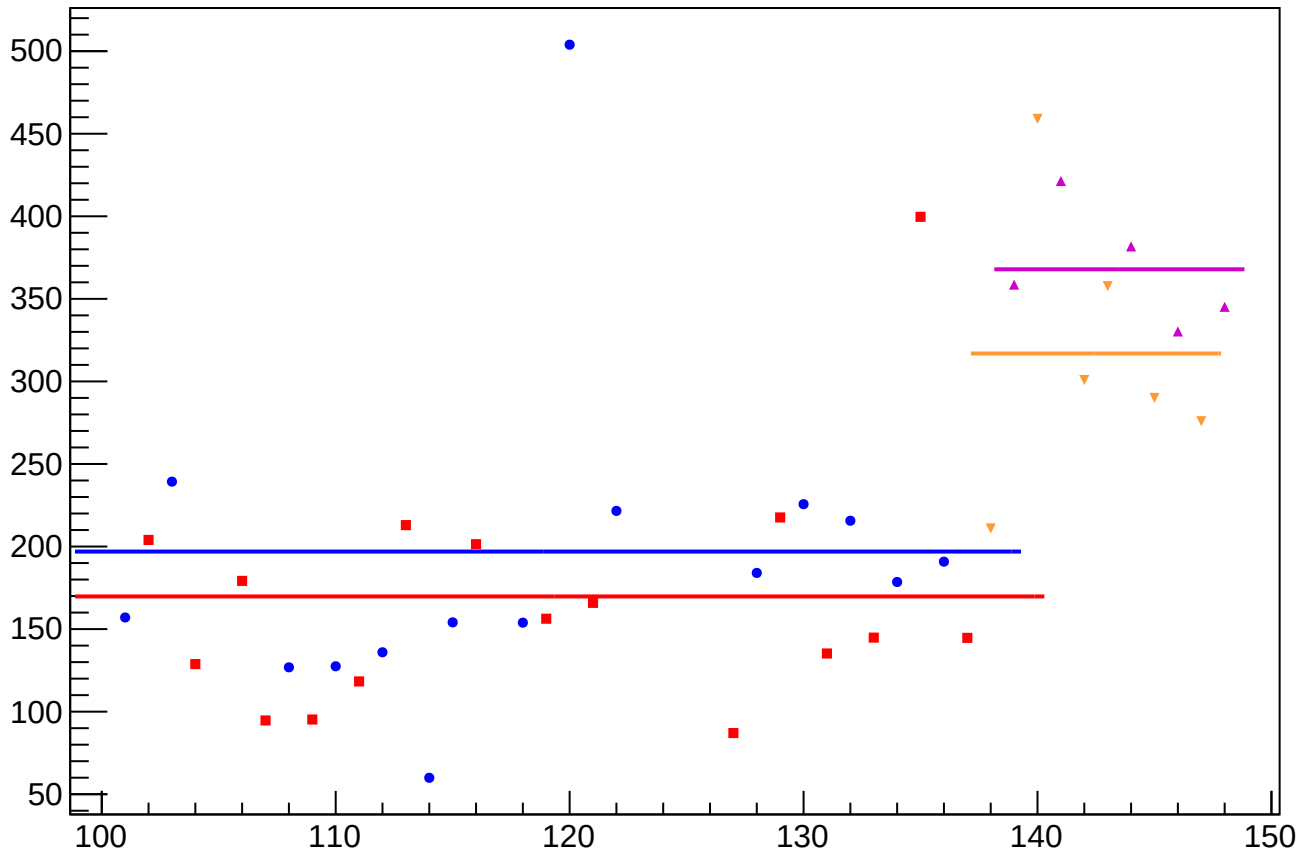
Right In: 254.578+/-0.000 χ^2/NDF : 978402113531006640741569223967249530880.0/14

Left Out: -1145.504+/-0.000 χ^2/NDF : 1039195807430281119645869378619719024640.0/5

Right Out: 352.308+/-0.000 χ^2/NDF : 1100813647101508513447529068154010468352.0/15

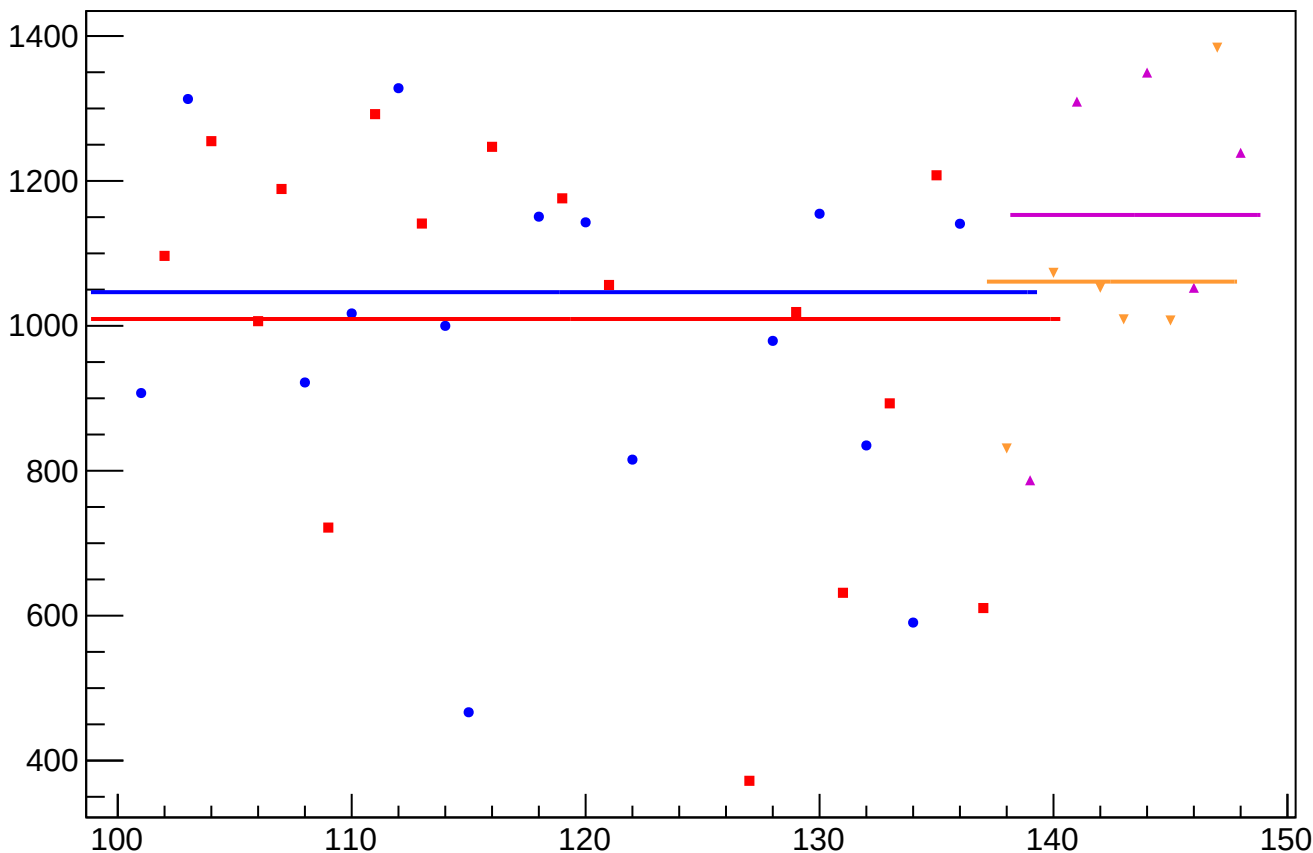
Left In: -901.761+/-0.000 χ^2/NDF : 1238825456234370569806336290683973795840.0/4

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: 245.726+/-0.000	χ^2/NDF : 255299917443
Right Out: 169.778+/-0.000	χ^2/NDF : 3892609445494845784493558646385410048.0/15	- sign 246.551+/-0.000	χ^2/NDF : 144659314631085
Left In: 367.897+/-0.000	χ^2/NDF : 428128363190770827331018868329021440.0/4		

dit_sam5_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

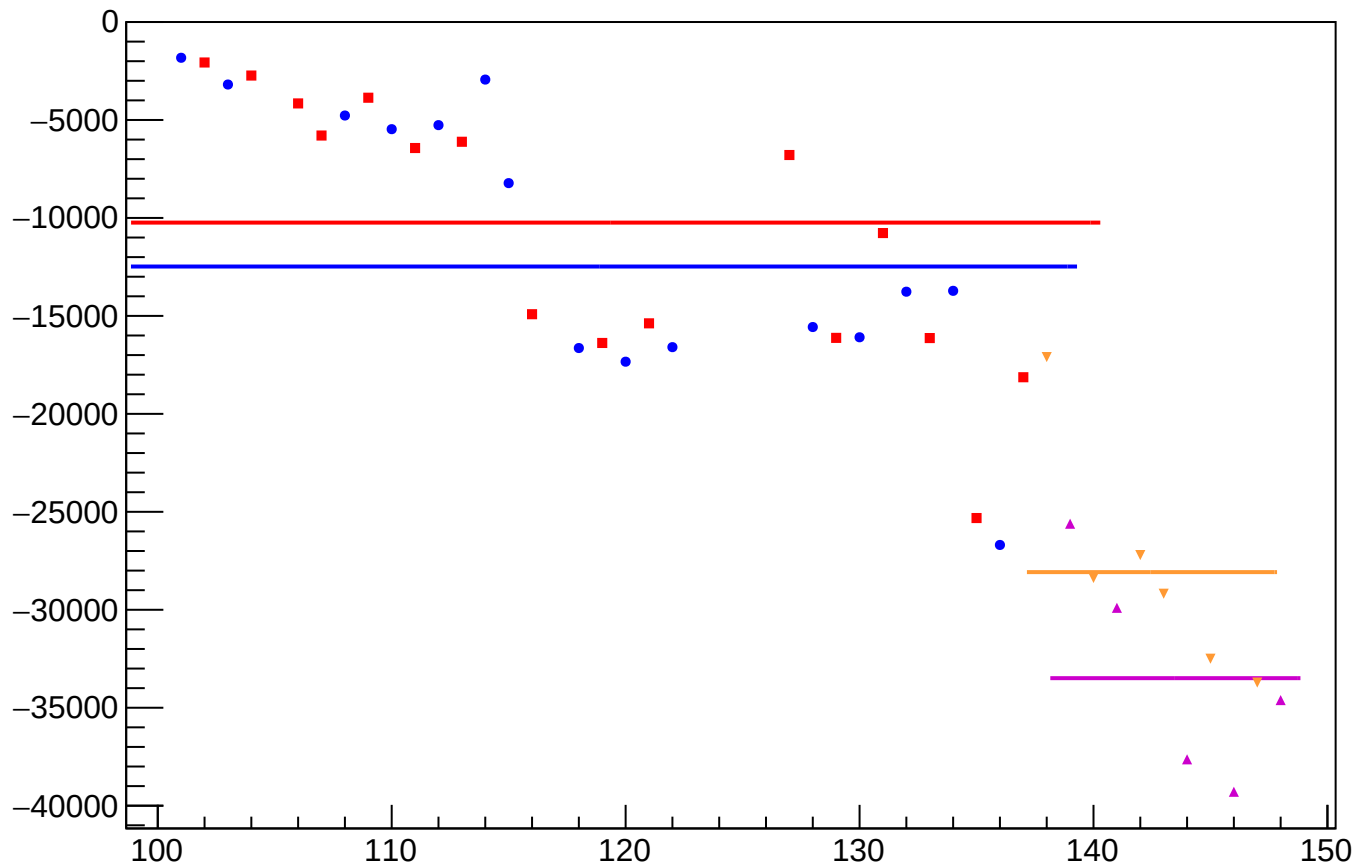
All: 1058.720+/-0.000 χ^2/NDF : 10547552717

Right Out: 1009.445+/-0.000 χ^2/NDF : 44602783681728168935494176019868286976.0/15

- sign 1065.094+/-0.000 χ^2/NDF : 67767474552557

Left In: 1153.050+/-0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

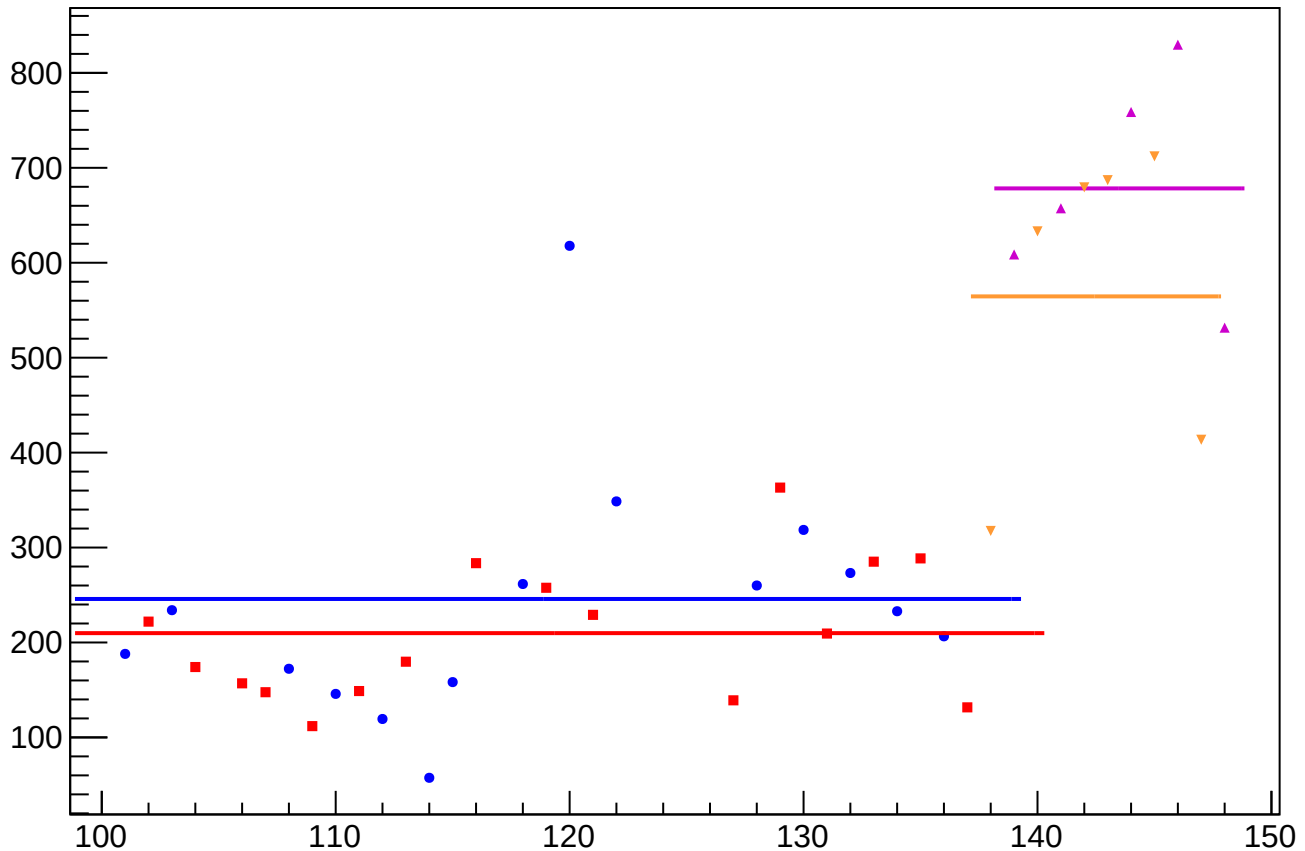
dit_sam6_coil1_mean vs Slug



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: -33490.371+/-0.000	χ^2/NDF : 10552355431625514708305882436328973402112.0/4

+ sign -18713.081+/-0.000 χ^2/NDF : 117860545151
 All: -18981.838+/-0.000 χ^2/NDF : 299542949
 - sign -19248.621+/-0.000 χ^2/NDF : 1815268163784

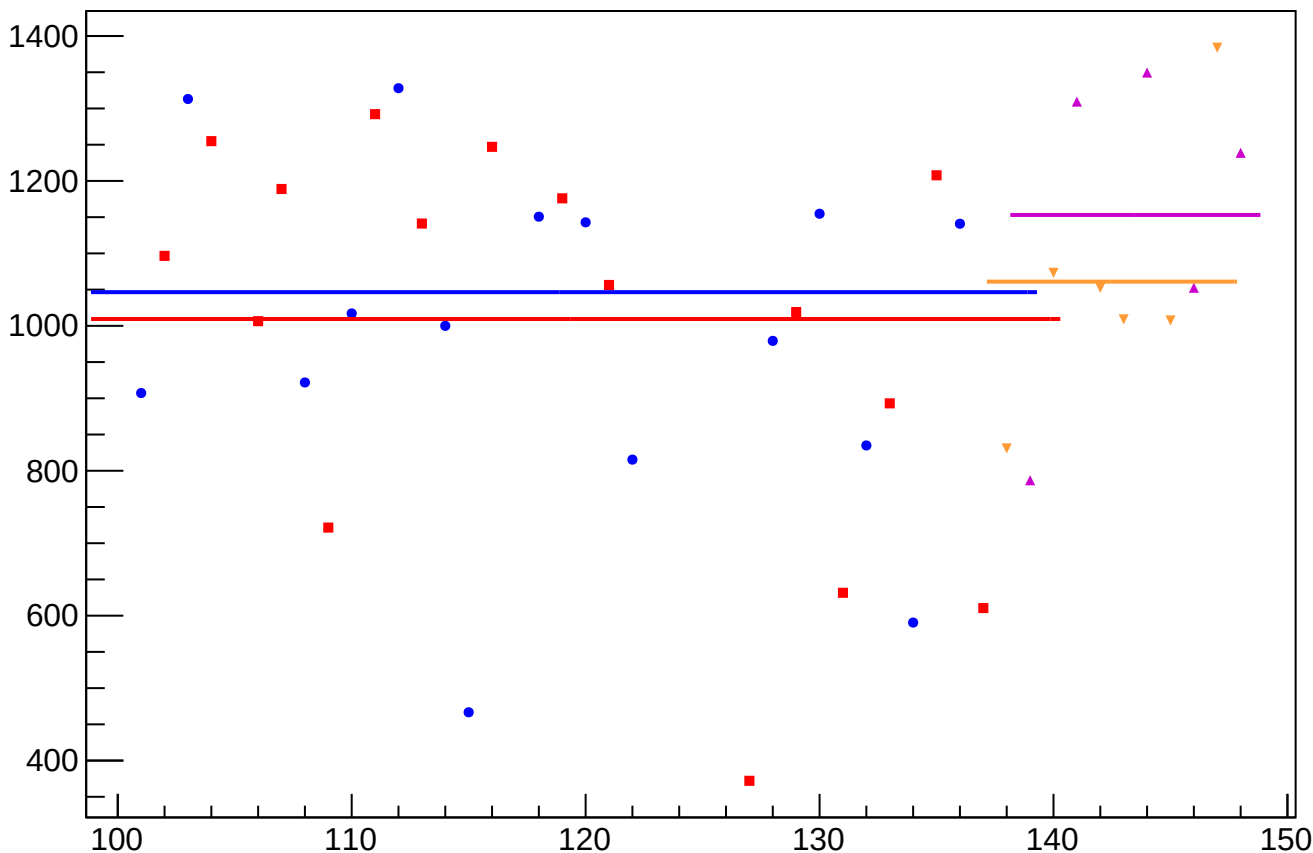
dit_sam6_coil1_err_mean vs Slug



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: 678.307+/-0.000	χ^2/NDF : 4715808928270963928111843954657329152.0/4

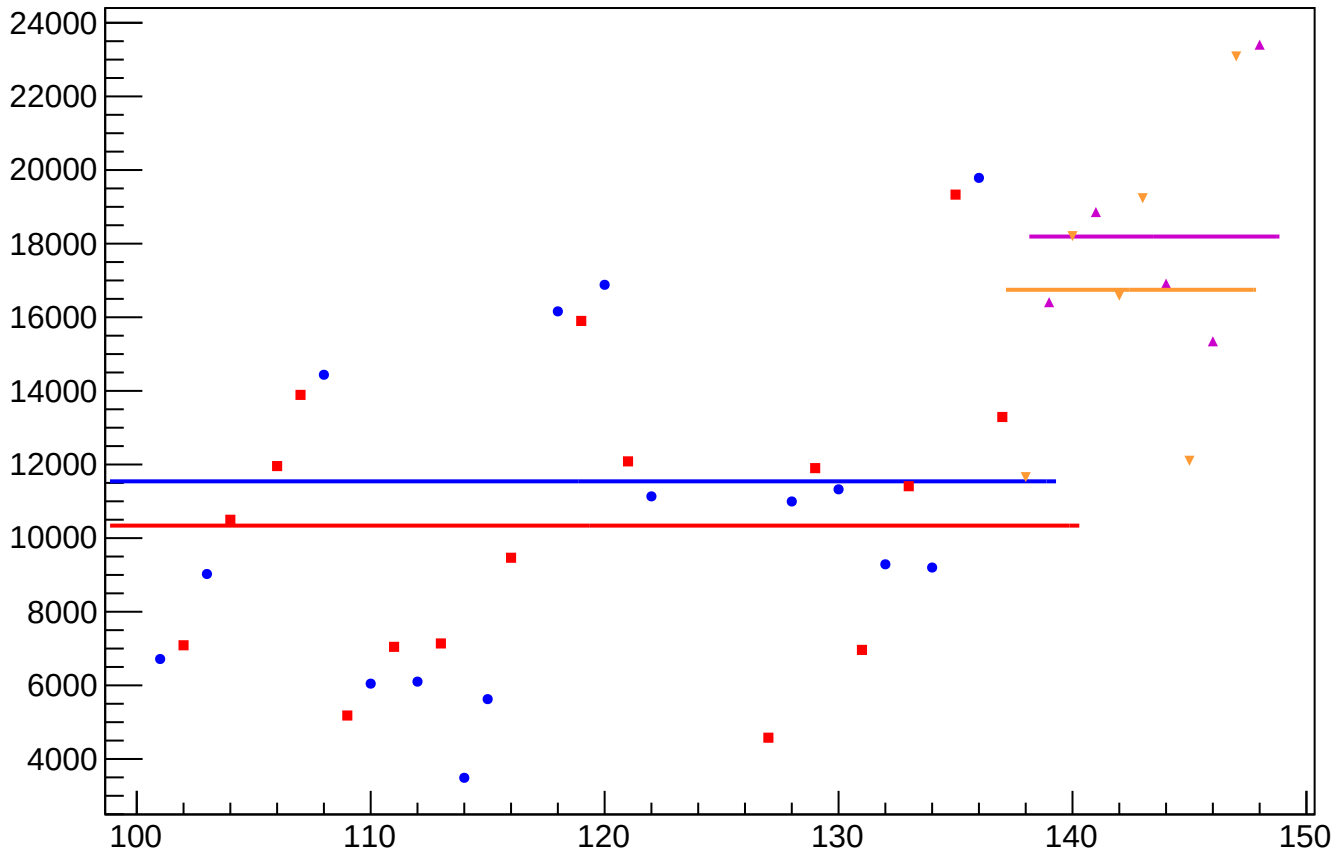
+ sign 373.205+/-0.000 χ^2/NDF : 444734352009837
 All: 382.325+/-0.000 χ^2/NDF : 10922020808
 - sign 391.379+/-0.000 χ^2/NDF : 645675952513384

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: 1153.050 ± 0.000 χ^2/NDF : 17834455132148863169068392477481762816.0/4

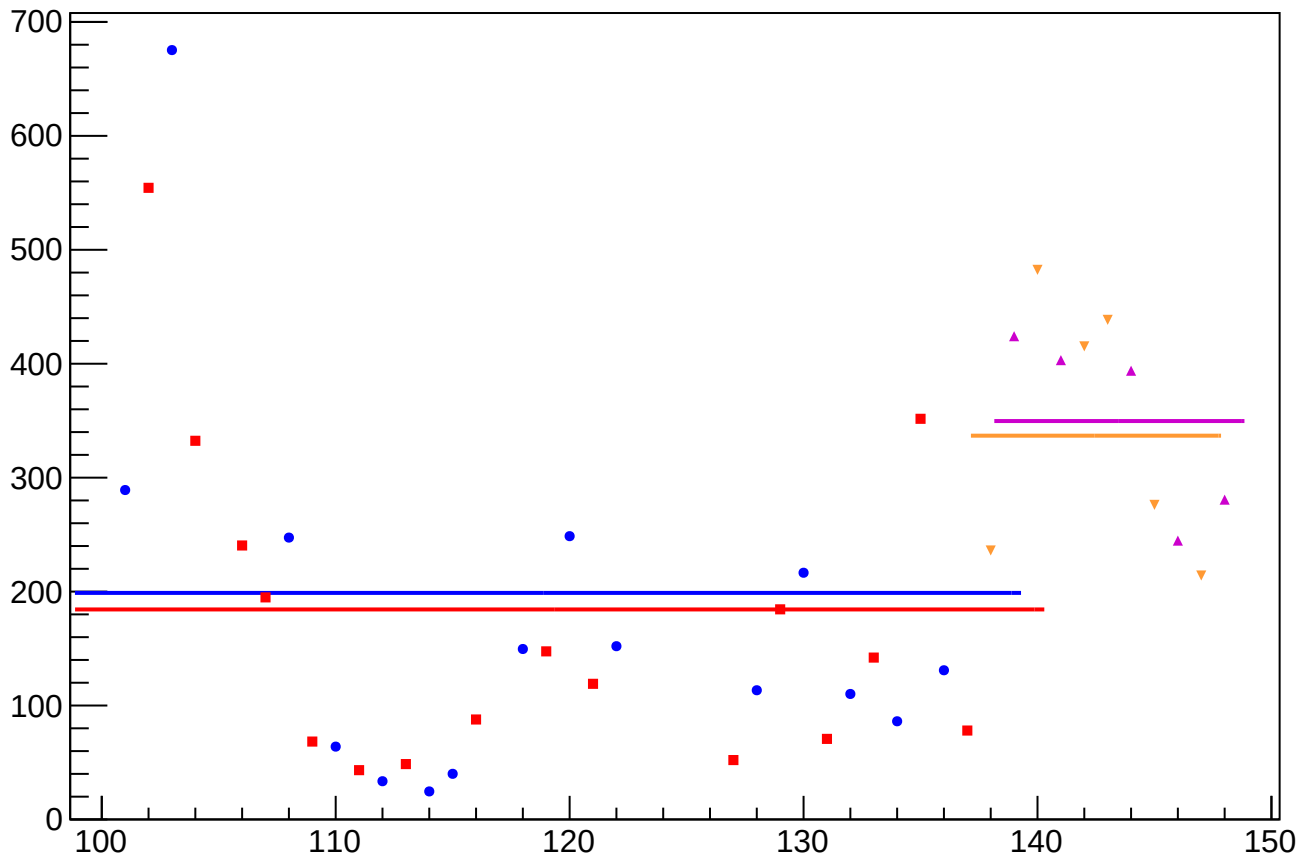
dit_sam7_coil1_mean vs Slug



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: 18193.183+/-0.000	χ^2/NDF : 3394862402129347948549405134365048963072.0/4

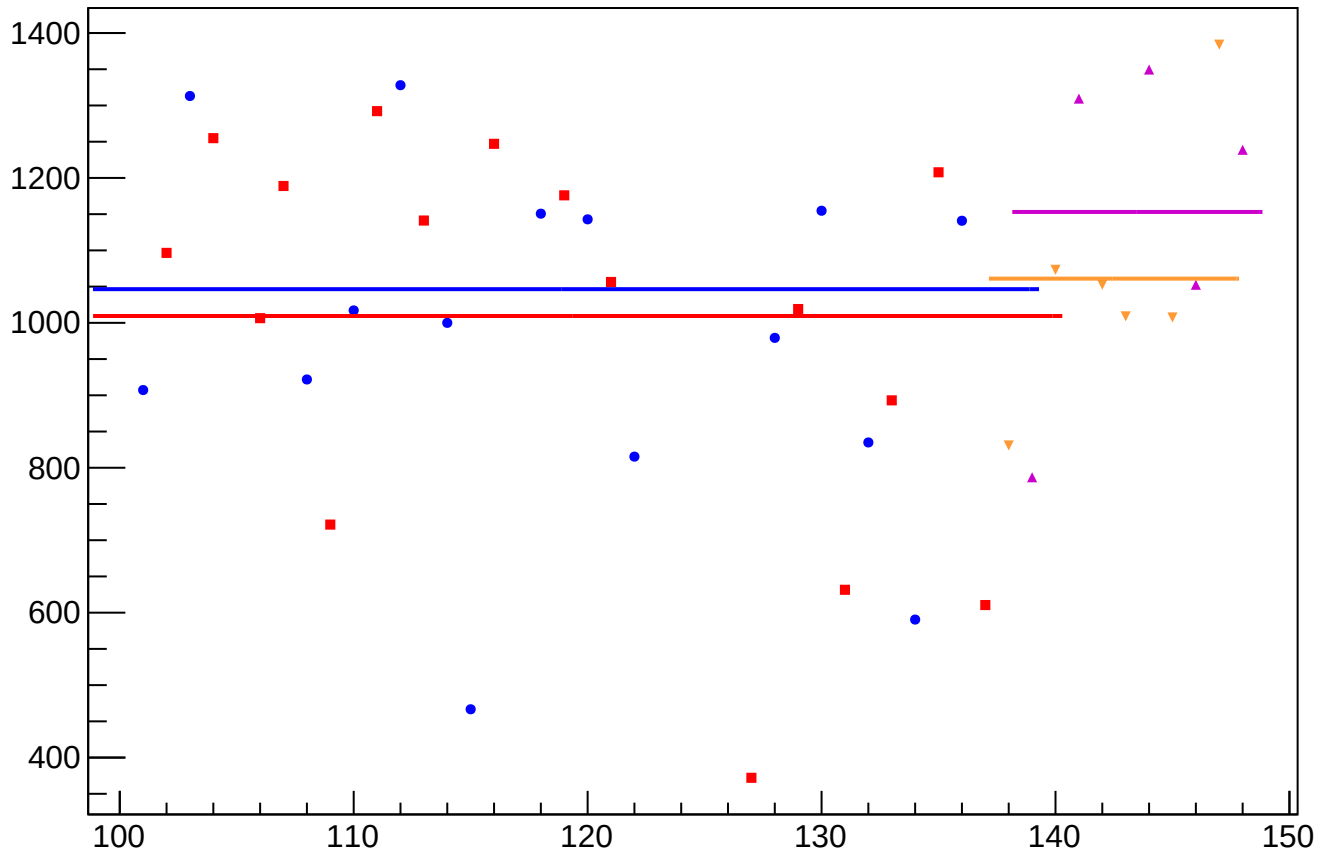
+ sign 13622.355+/-0.000 χ^2/NDF : 2874998699681
 All: 13502.326+/-0.000 χ^2/NDF : 5937733909
 - sign 13383.179+/-0.000 χ^2/NDF : 3059631888531

dit_sam7_coil1_err_mean vs Slug



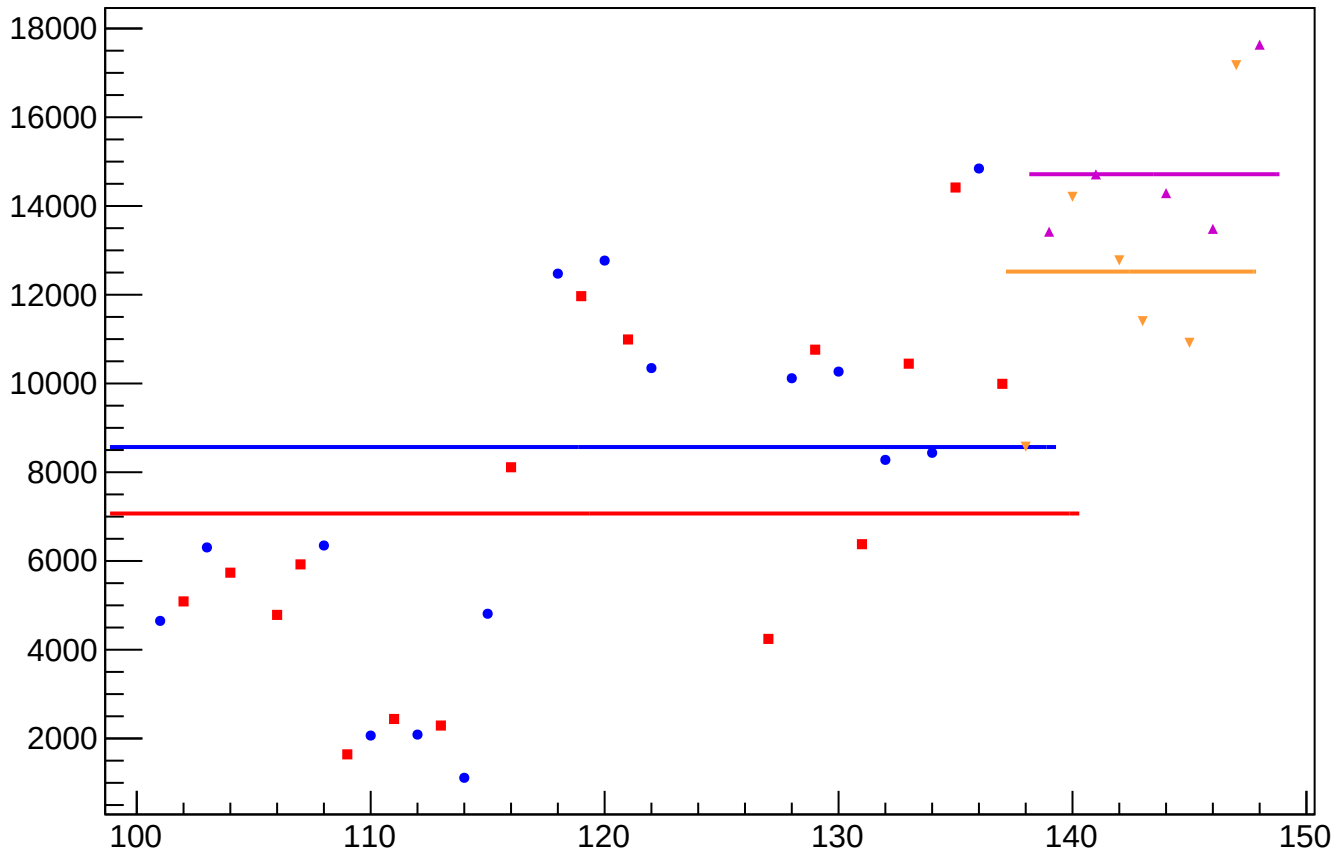
Right In: 198.850+/-0.000	χ^2/NDF : 18333995109503438037075916944440295424.0/14	+ sign 254.001+/-0.000	χ^2/NDF : 282514322466289
Left Out: 336.854+/-0.000	χ^2/NDF : 4977946548384884141799195331453255680.0/5	All: 251.195+/-0.000	χ^2/NDF : 524436042004
Right Out: 184.328+/-0.000	χ^2/NDF : 14927434931395588601024961538372403200.0/15	- sign 248.410+/-0.000	χ^2/NDF : 241752176442864
Left In: 349.696+/-0.000	χ^2/NDF : 2179554328235963051991842676002521088.0/4		

dit_sam7_coil1_Ndata_mean vs Slug



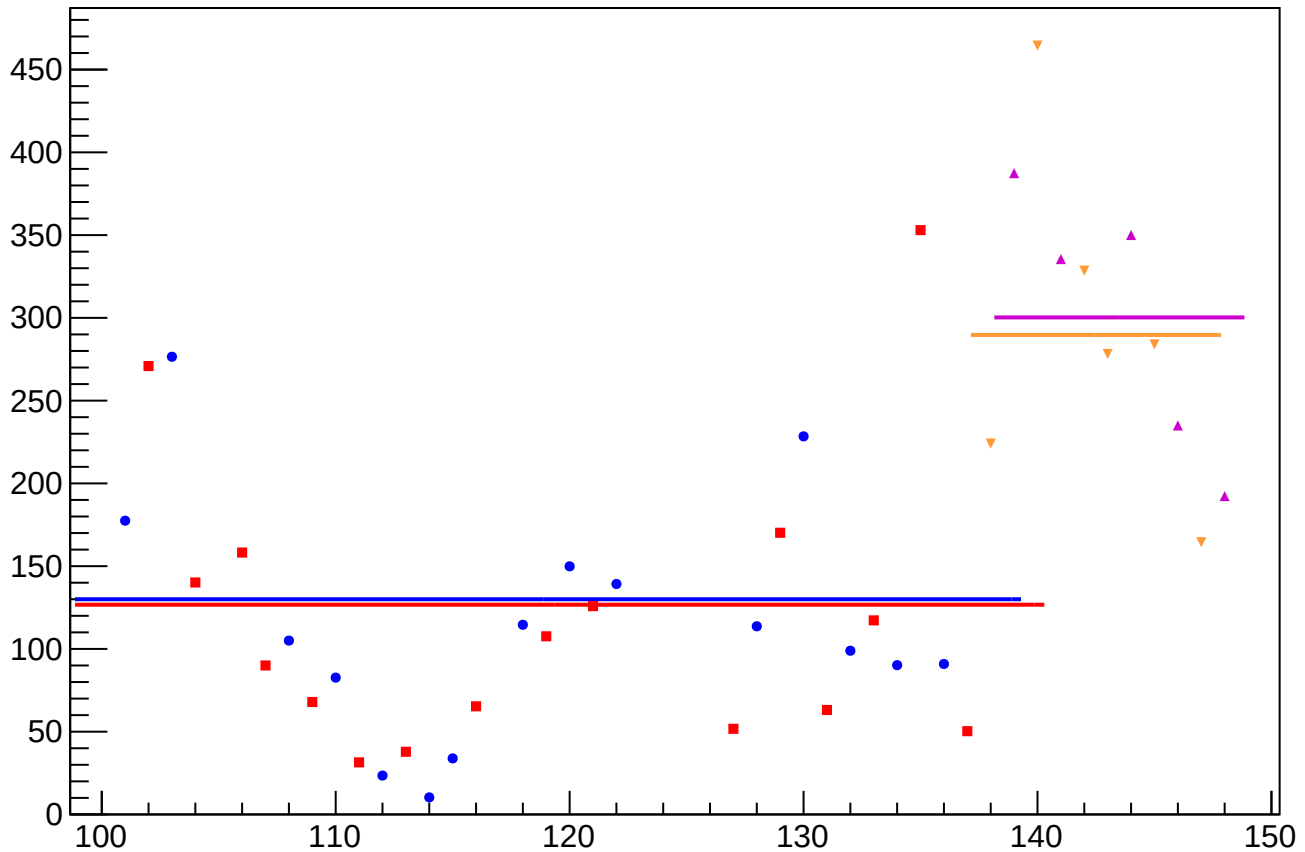
χ^2/NDF : 24866624766048512267031234680614551552.0/14
 $+ \text{sign } 1052.300 \pm 0.000$ χ^2/NDF : 37619254751118
 χ^2/NDF : 12697814946720082369620351550469701632.0/5
 All: 1058.720 ± 0.000 χ^2/NDF : 10547552717
 $- \text{sign } 1065.094 \pm 0.000$ χ^2/NDF : 67767474552557
 χ^2/NDF : 17834455132148863169068392477481762816.0/4

dit_sam8_coil1_mean vs Slug



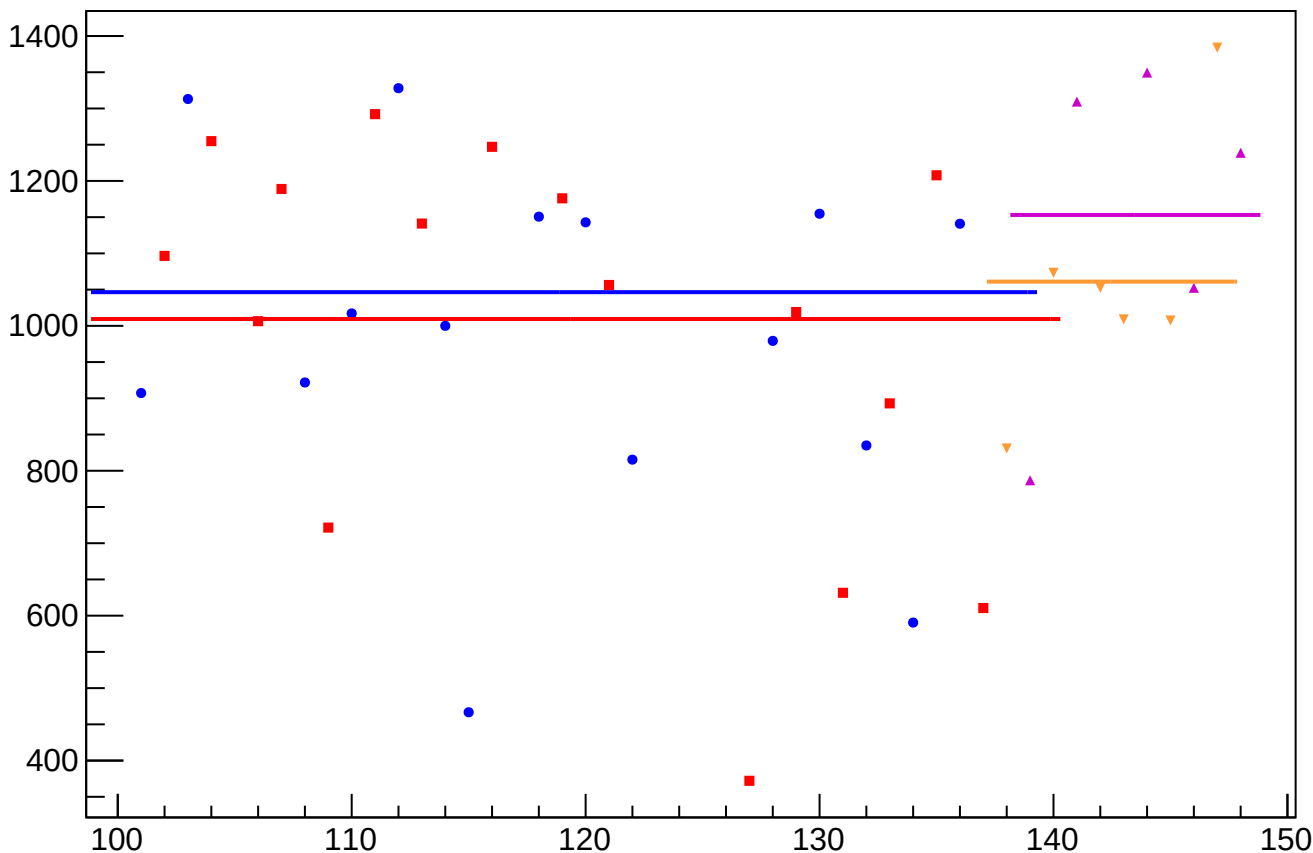
Right In: 8567.784+/-0.000 χ^2/NDF : 11106048878972501366429055679645708451840.0/14
 Left Out: 12521.564+/-0.000 χ^2/NDF : 3430171517625916286825649436314465992704.0/5
 Right Out: 7069.884+/-0.000 χ^2/NDF : 10076862363502652111378210539664387866624.0/15
 Left In: 14715.939+/-0.000 χ^2/NDF : 993758330753207850765560674211378233344.0/4

dit_sam8_coil1_err_mean vs Slug



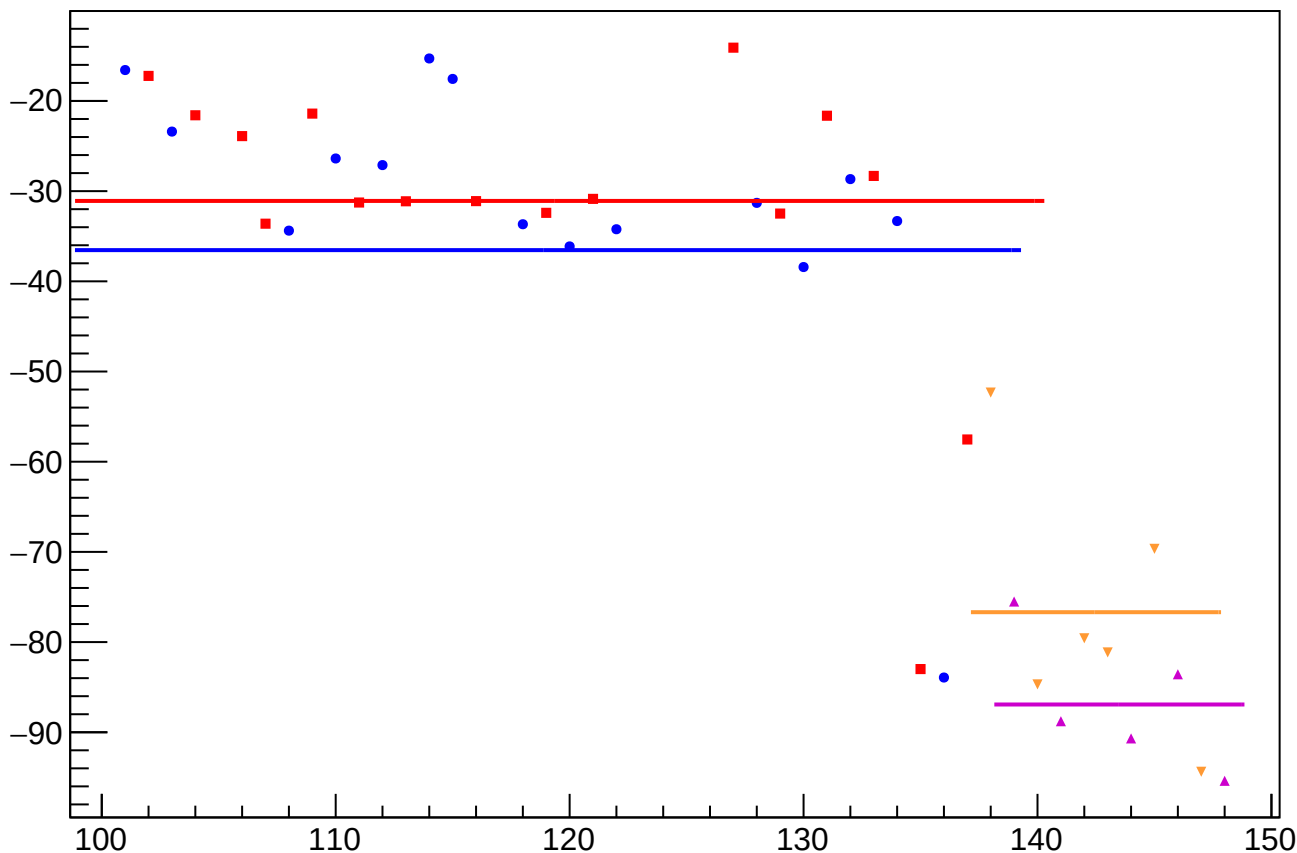
Right In: 130.021+/-0.000	χ^2/NDF : 3115259987552341725946418665378283520.0/14	+ sign 193.827+/-0.000	χ^2/NDF : 138724165266656
Left Out: 289.685+/-0.000	χ^2/NDF : 4145396651970944202045425283437166592.0/5	All: 193.897+/-0.000	χ^2/NDF : 293295211168
Right Out: 126.709+/-0.000	χ^2/NDF : 5397122581297664561308621600668516352.0/15	- sign 193.967+/-0.000	χ^2/NDF : 154570940351488
Left In: 300.272+/-0.000	χ^2/NDF : 2273732441812677882878611513543753728.0/4		

dit_sam8_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 : 376192547511118
Left Out: 1061.028+/-0.000	χ^2/NDF : 12697814946720082369620351550469701632.0/5	All: 1058.720+/-0.000	χ^2/NDF : 10547552717
Right Out: 1009.445+/-0.000	χ^2/NDF : 44602783681728168935494176019868286976.0/15	- sign 1065.094+/-0.000	χ^2/NDF : 67767474552557
Left In: 1153.050+/-0.000	χ^2/NDF : 17834455132148863169068392477481762816.0/4		

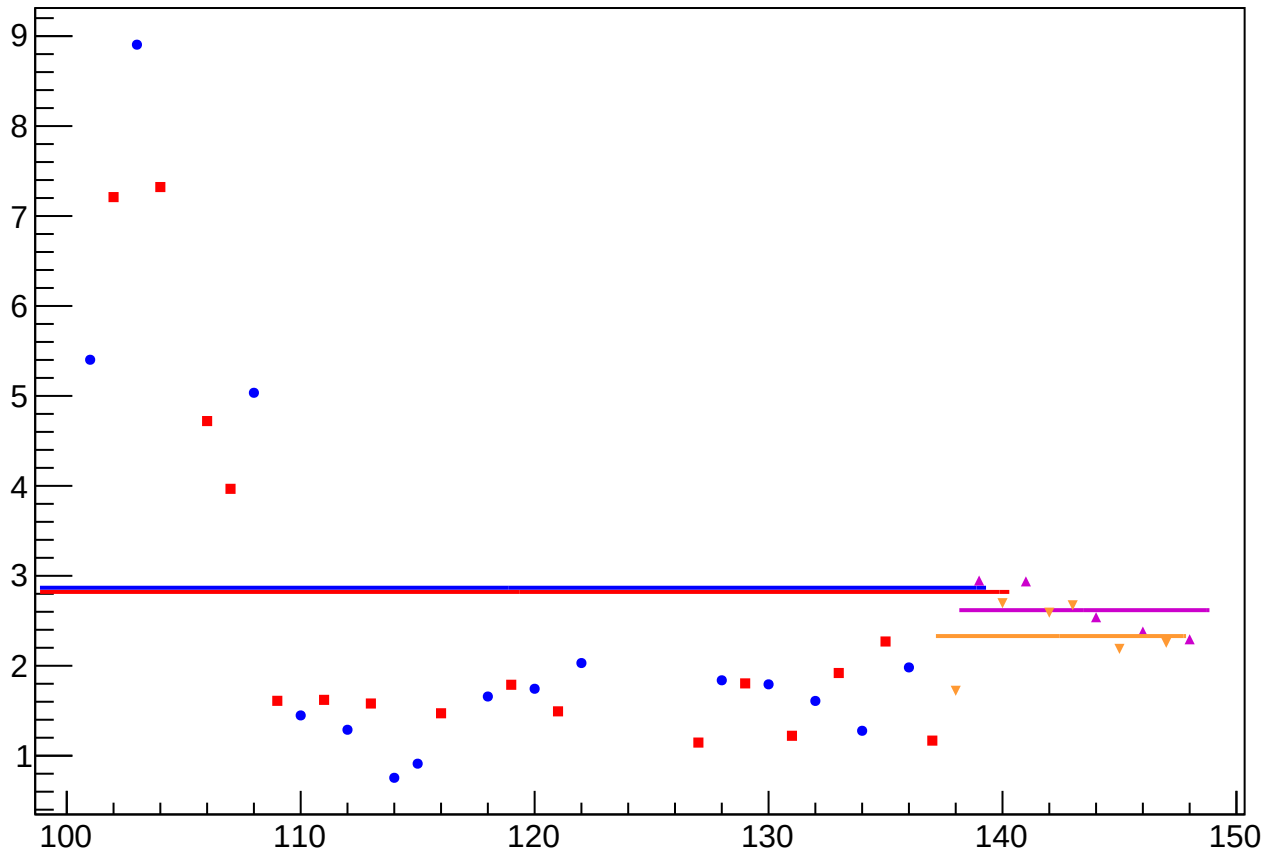
dit_4aX_coil3_mean vs Slug



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: -86.920+/-0.000	χ^2/NDF : 19053958921296736212694630330793984.0/4

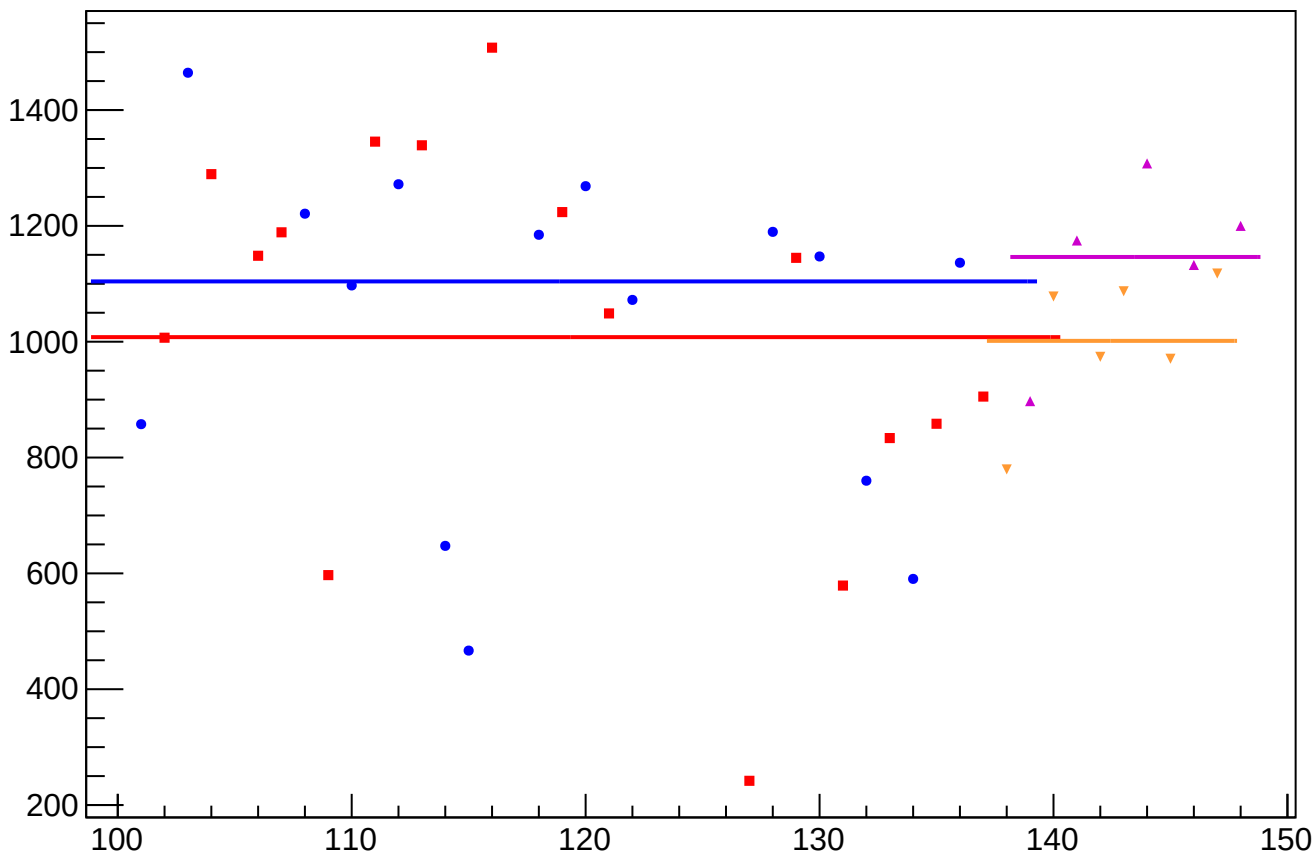
+ sign -52.583+/-0.000 χ^2/NDF : 753993757811044
 All: -52.653+/-0.000 χ^2/NDF : 176014167659
 - sign -52.722+/-0.000 χ^2/NDF : 1006137491480128

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: 2.618 $\pm$ 0.000 χ^2 /NDF: 31530080517680143106353496326144.0/4
 All: 2.698 $\pm$ 0.000 χ^2 /NDF: 66826590811426
 + sign 2.653 $\pm$ 0.000 χ^2 /NDF: 35831858343797795
 - sign 2.742 $\pm$ 0.000 χ^2 /NDF: 30951131922450542

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

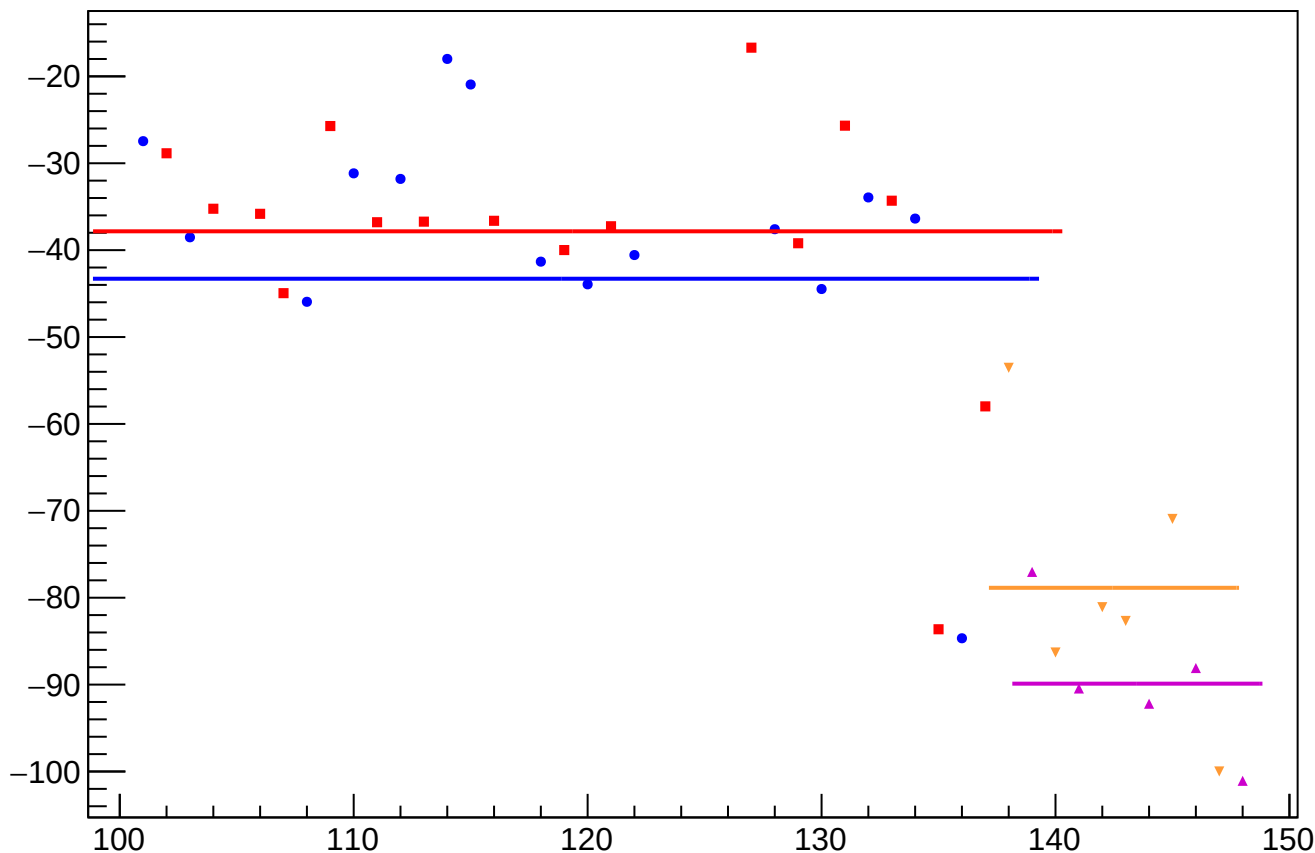
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

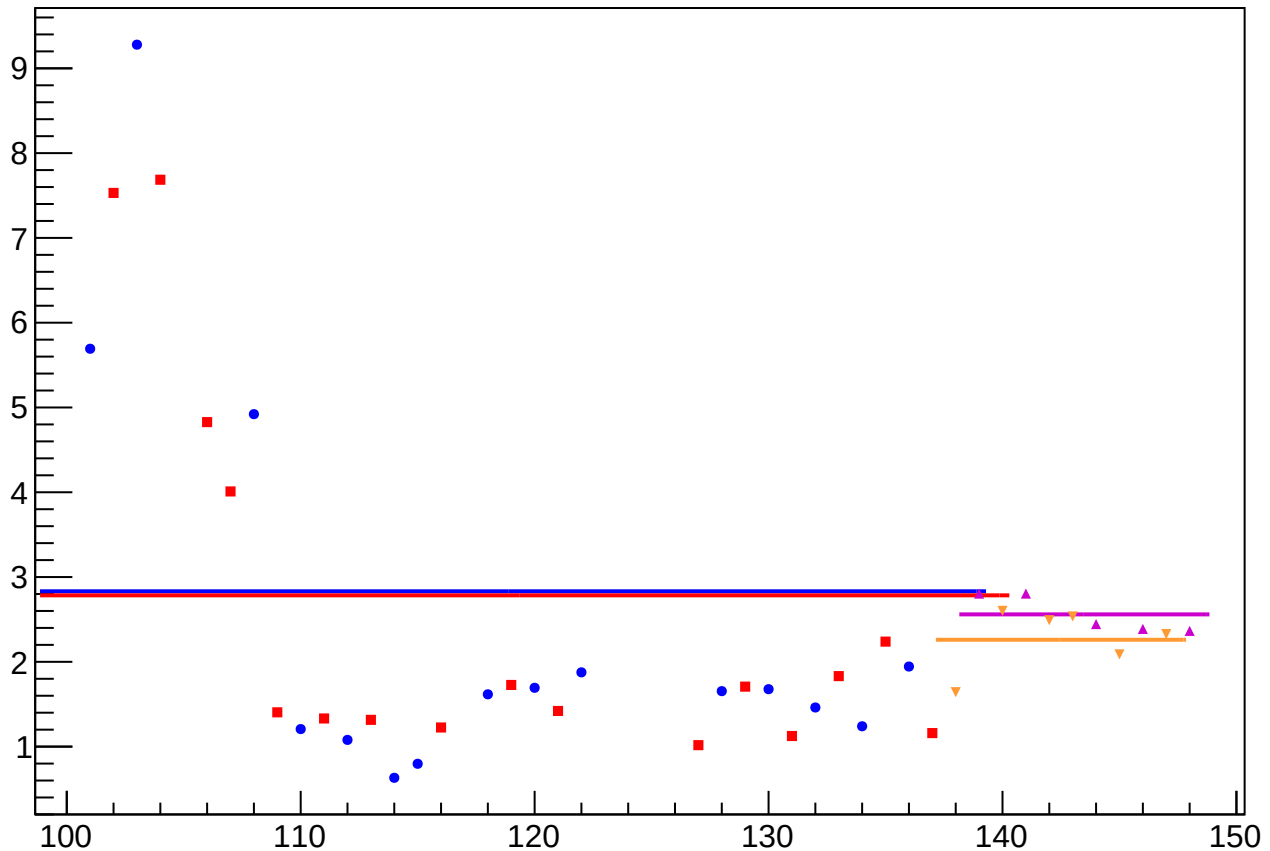
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

dit_4eX_coil3_mean vs Slug



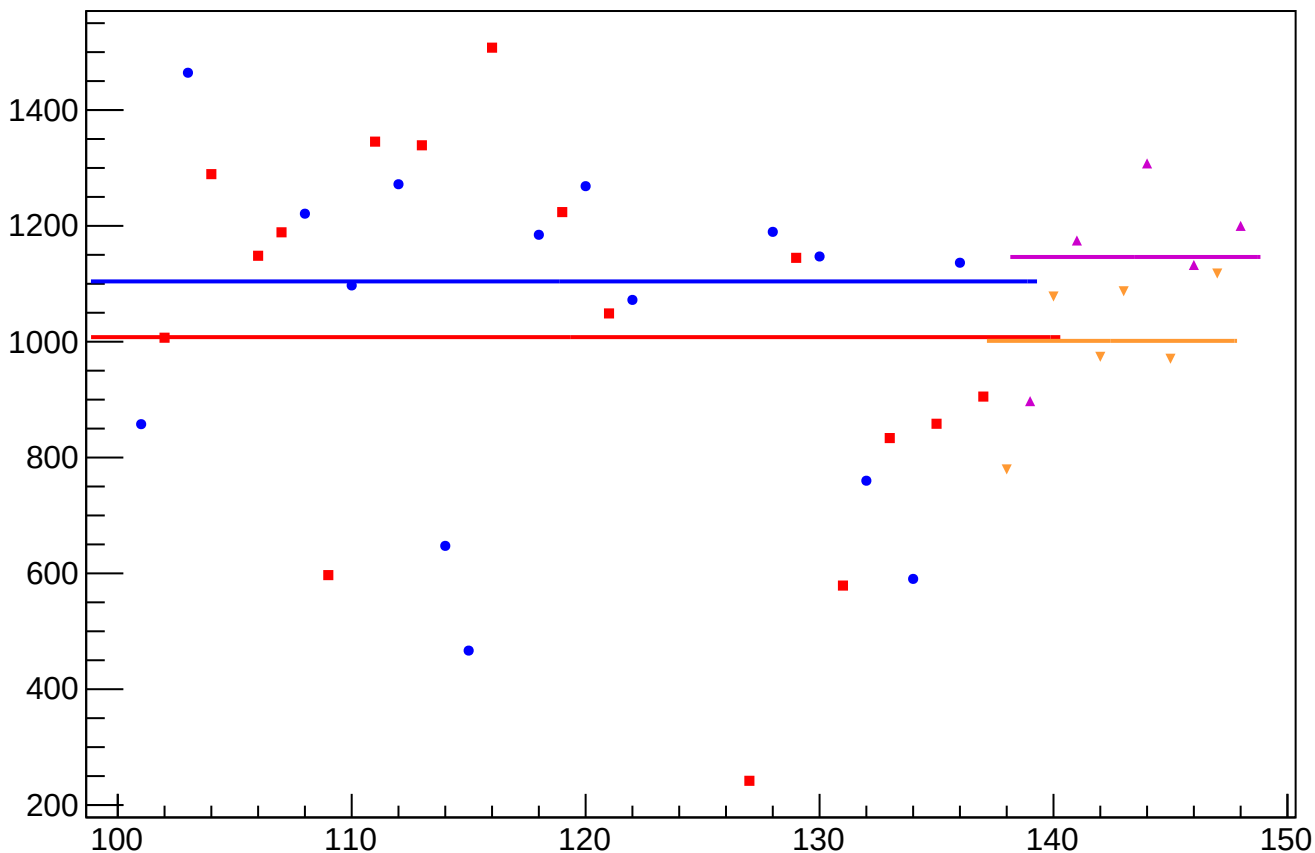
Right In: -43.289 ± 0.000 $\chi^2/\text{NDF}: 199342736778845281087197523996573696.0/14$
 Left Out: -78.859 ± 0.000 $\chi^2/\text{NDF}: 95688322620582423150662704892477440.0/5$
 Right Out: -37.832 ± 0.000 $\chi^2/\text{NDF}: 148683933977204936634636843897323520.0/15$
 Left In: -89.892 ± 0.000 $\chi^2/\text{NDF}: 24669694837295966762628881030578176.0/4$

dit_4eX_coil3_err_mean vs Slug



Right In: 2.832 $\pm$ 0.000 χ^2/NDF : 3957672531929017328512564323155968.0/14
 Left Out: 2.260 $\pm$ 0.000 χ^2/NDF : 49628056003734269701792133545984.0/5
 Right Out: 2.784 $\pm$ 0.000 χ^2/NDF : 3589544956108116898091236897849344.0/15
 Left In: 2.560 $\pm$ 0.000 χ^2/NDF : 16759045665642332230055949762560.0/4

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

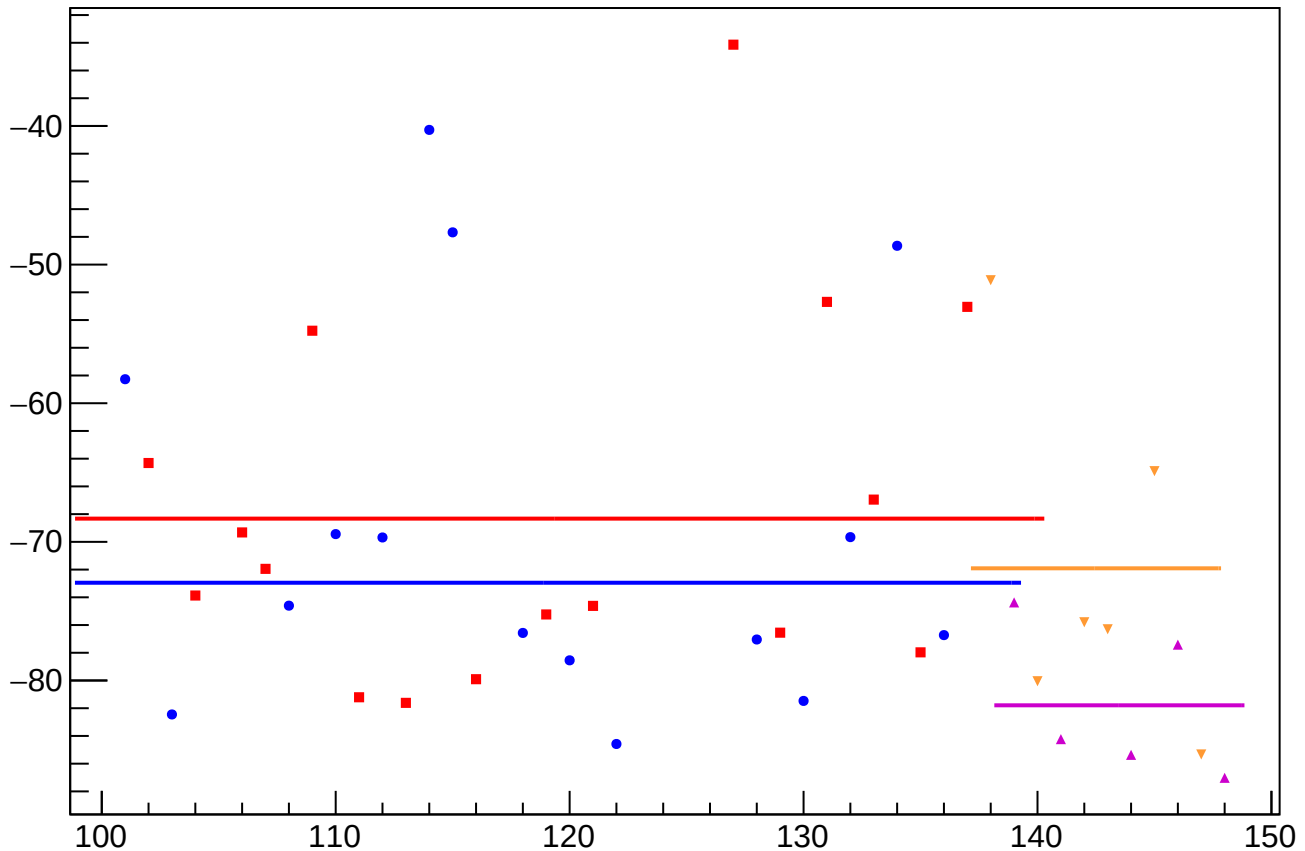
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

dit_11X12X_coil3_mean vs Slug



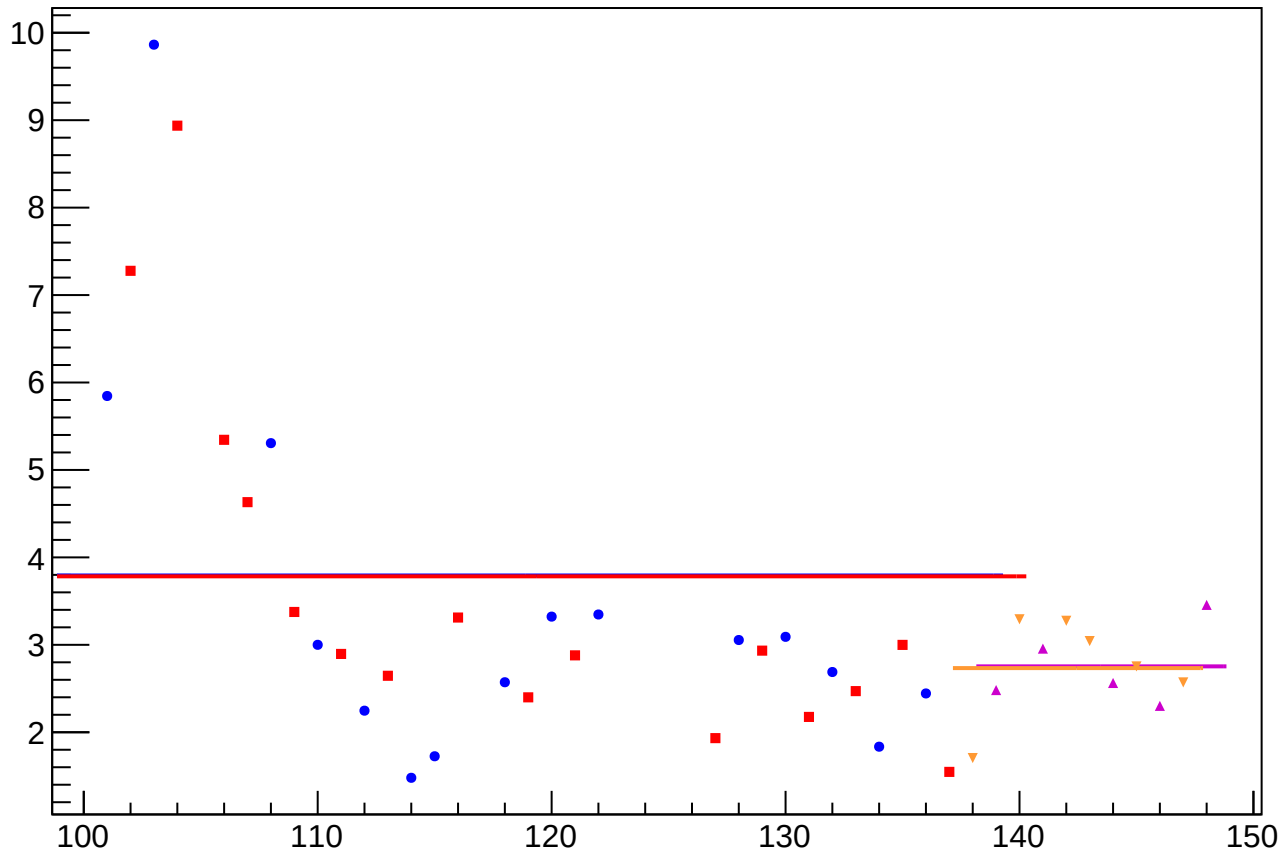
Right In: -72.949 $\pm$ 0.000 χ^2 /NDF: 65755428464857980306879126291087360.0/14

Left Out: -71.909 $\pm$ 0.000 χ^2 /NDF: 59153964469085335830834095406972928.0/5

Right Out: -68.324 $\pm$ 0.000 χ^2 /NDF: 106694344898202364483367131372584960.0/15

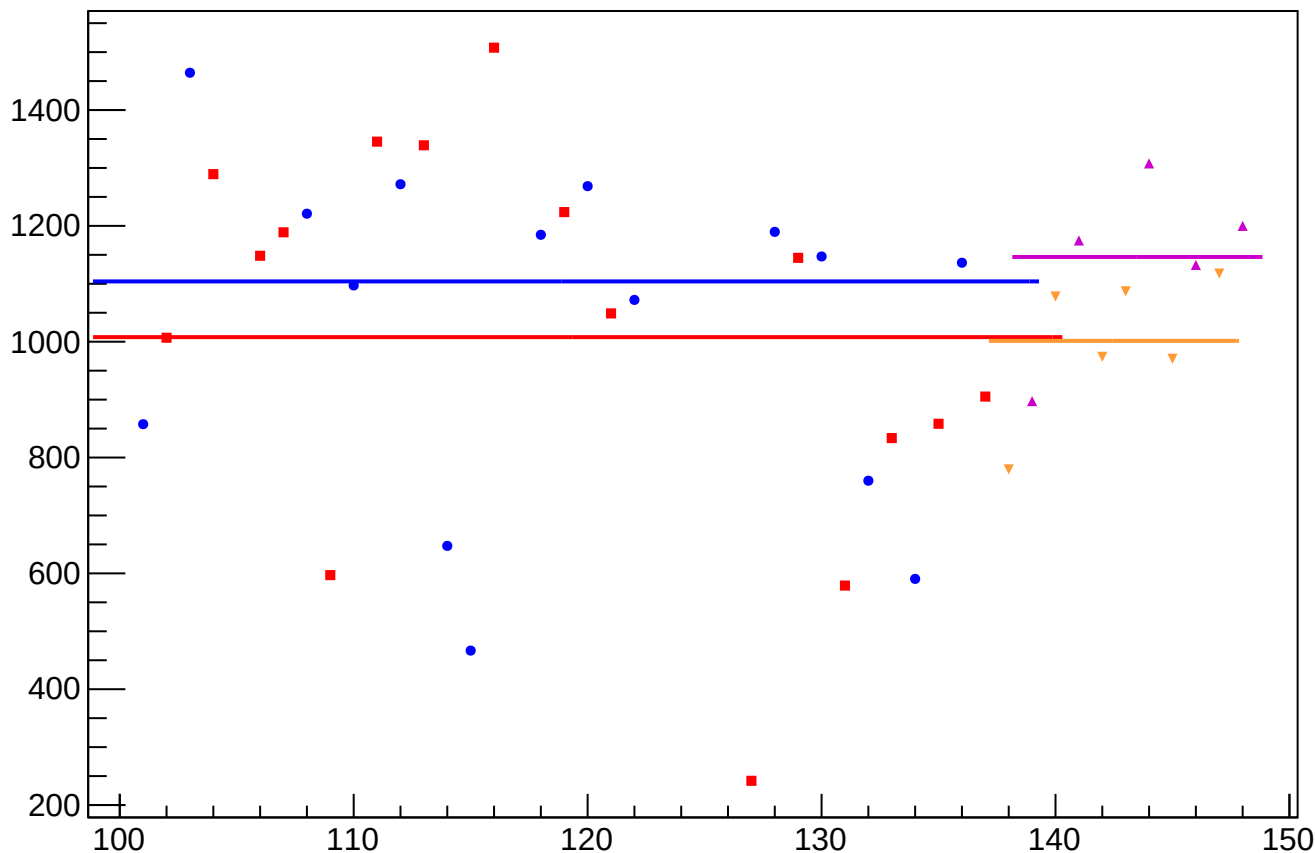
Left In: -81.790 $\pm$ 0.000 χ^2 /NDF: 9991279283541708867221946596589568.0/4

dit_11X12X_coil3_err_mean vs Slug



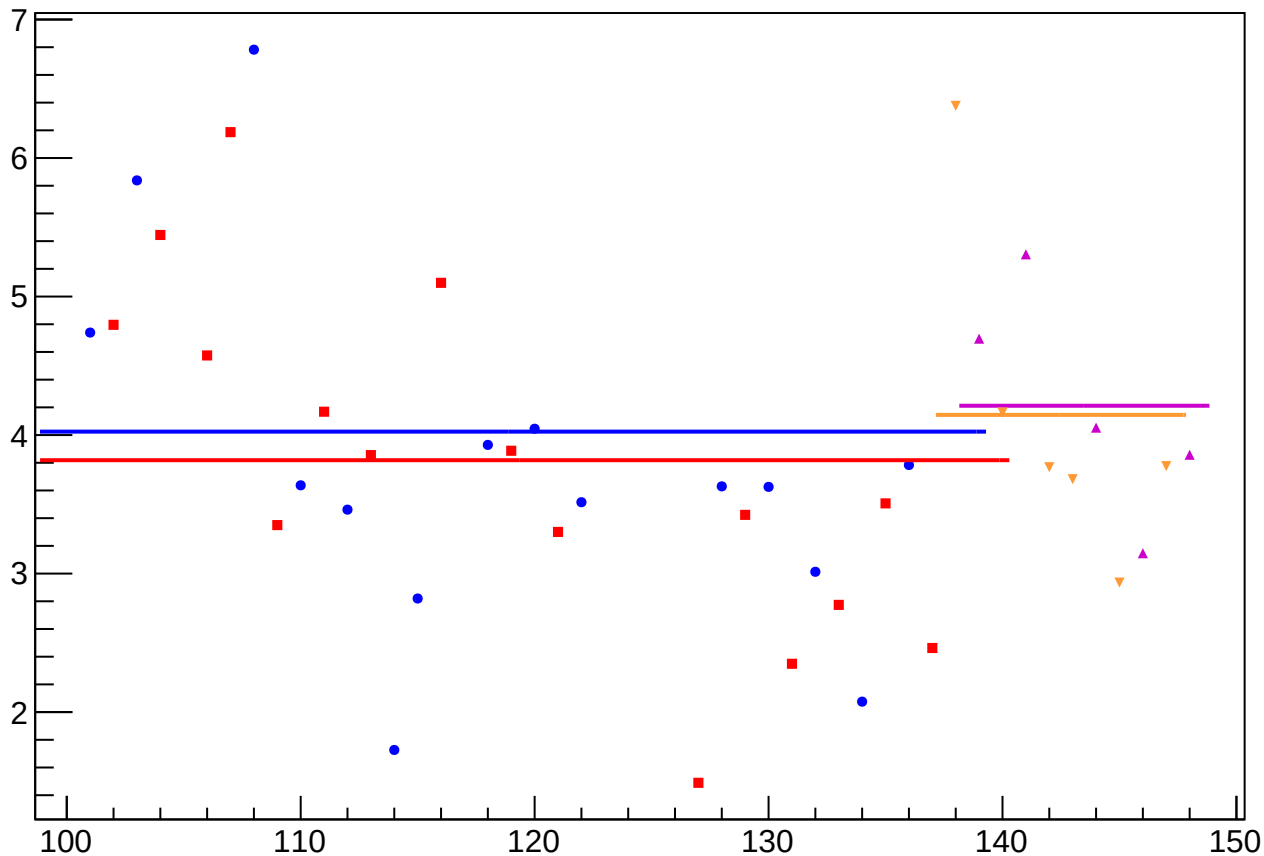
Right In: 3.793 $\pm$ 0.000 χ^2 /NDF: 3205389242726129619796290810413056.0/14
 Left Out: 2.734 $\pm$ 0.000 χ^2 /NDF: 130095962449805813243336867184640.0/5
 Right Out: 3.783 $\pm$ 0.000 χ^2 /NDF: 2878586622192676654452338755371008.0/15
 Left In: 2.754 $\pm$ 0.000 χ^2 /NDF: 71133459751296936167228649242624.0/4
 All: 3.377 $\pm$ 0.000 χ^2 /NDF: 68501762774200.0/15
 + sign 3.370 $\pm$ 0.000 χ^2 /NDF: 36263693242702181.0/14
 - sign 3.384 $\pm$ 0.000 χ^2 /NDF: 32236913589607187.0/14

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: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

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

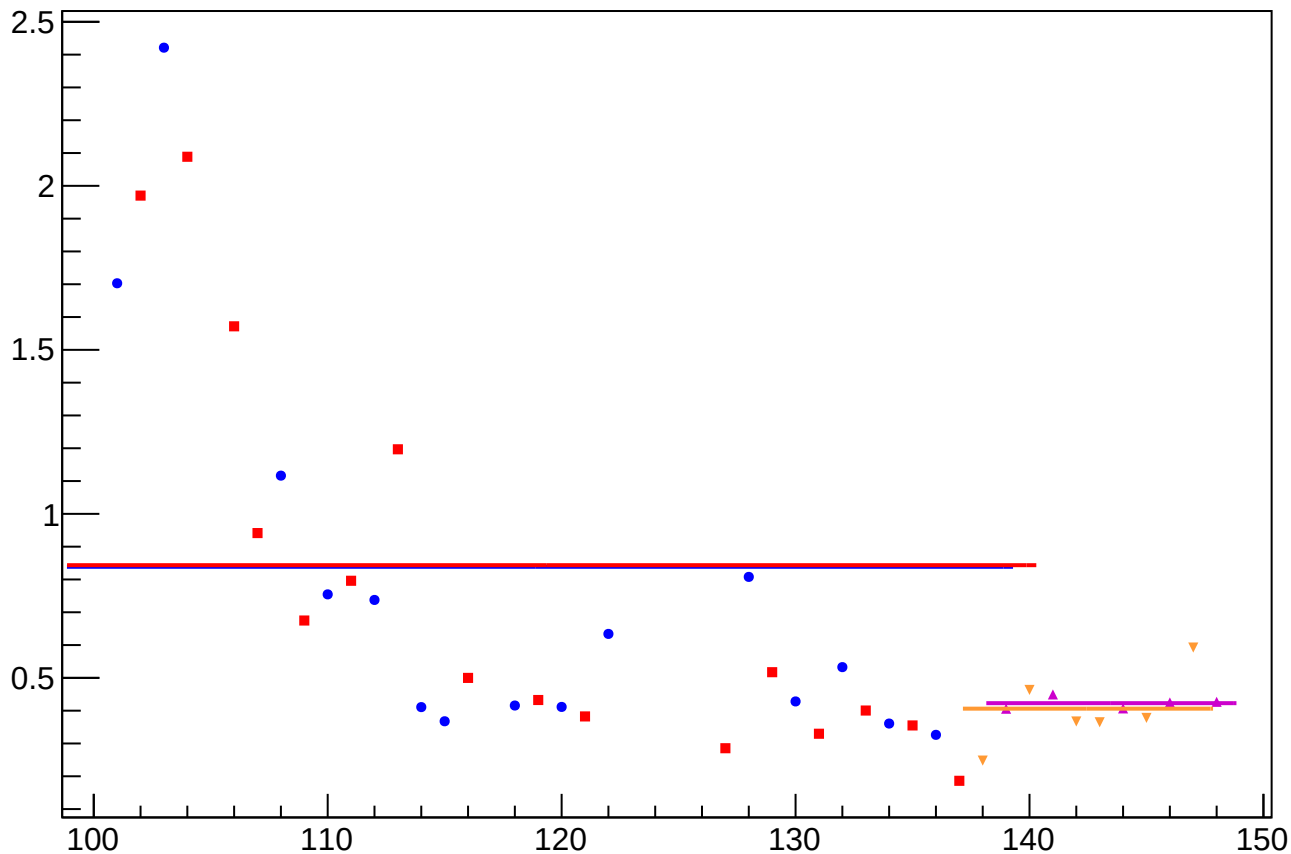
Left In: 4.212+/-0.000 χ^2/NDF : 227392159381694992051867679195136.0/4

+ sign 4.073+/-0.000 χ^2/NDF : 13114360202847860

All: 4.022+/-0.000 χ^2/NDF : 2472694490360

- sign 3.971+/-0.000 χ^2/NDF : 11555897623277522

dit_4aY_coil3_err_mean vs Slug



Right In: 0.839 $\pm$ 0.000 χ^2 /NDF: 258416025334615661521163083841536.0/14

Left Out: 0.406 $\pm$ 0.000 χ^2 /NDF: 5180045475246633366034145345536.0/5

Right Out: 0.844 $\pm$ 0.000 χ^2 /NDF: 252917509393432760240648918925312.0/15

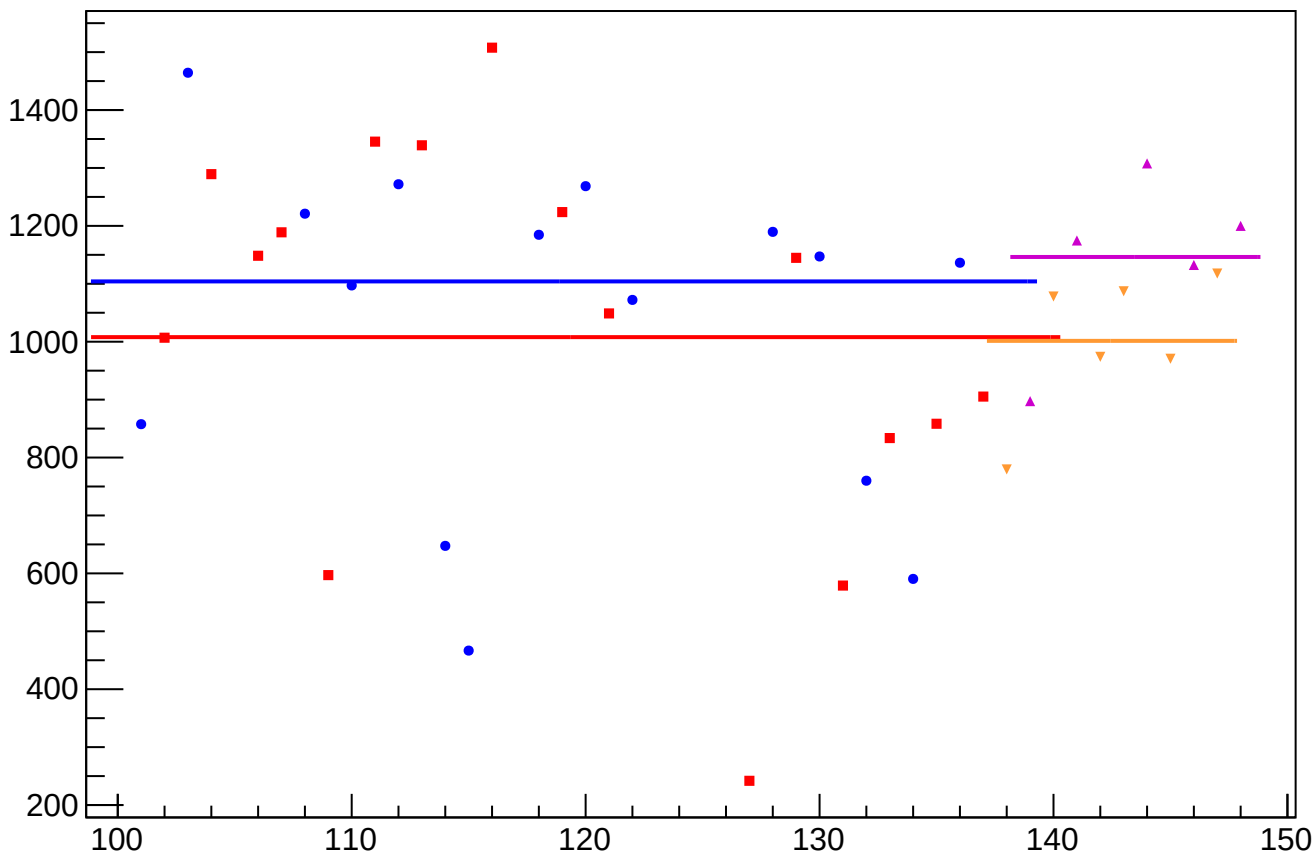
Left In: 0.423 $\pm$ 0.000 χ^2 /NDF: 108000016145682469265669619712.0/4

+ sign 0.666 $\pm$ 0.000 χ^2 /NDF: 31212294749724874

All: 0.673 $\pm$ 0.000 χ^2 /NDF: 61100021706793

- sign 0.681 $\pm$ 0.000 χ^2 /NDF: 29876022437619475

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

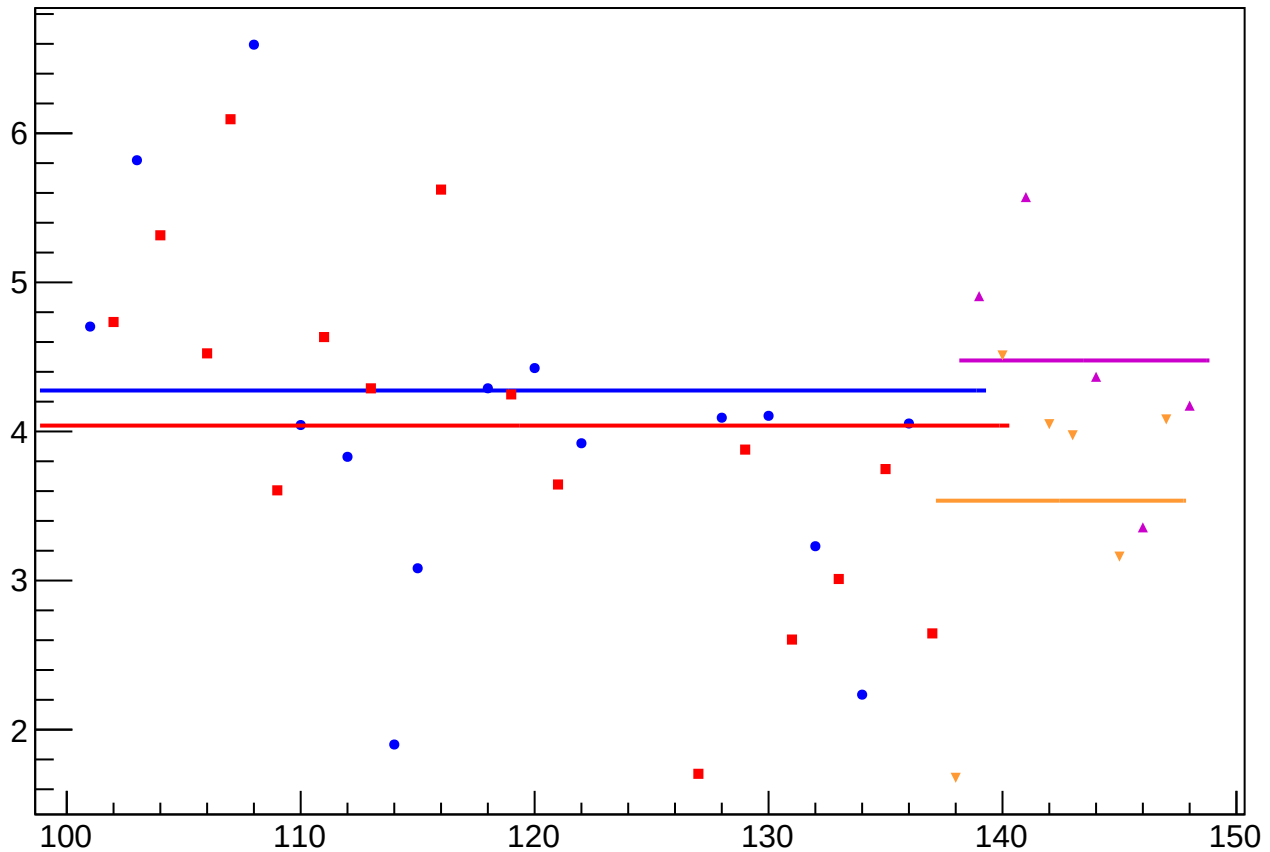
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

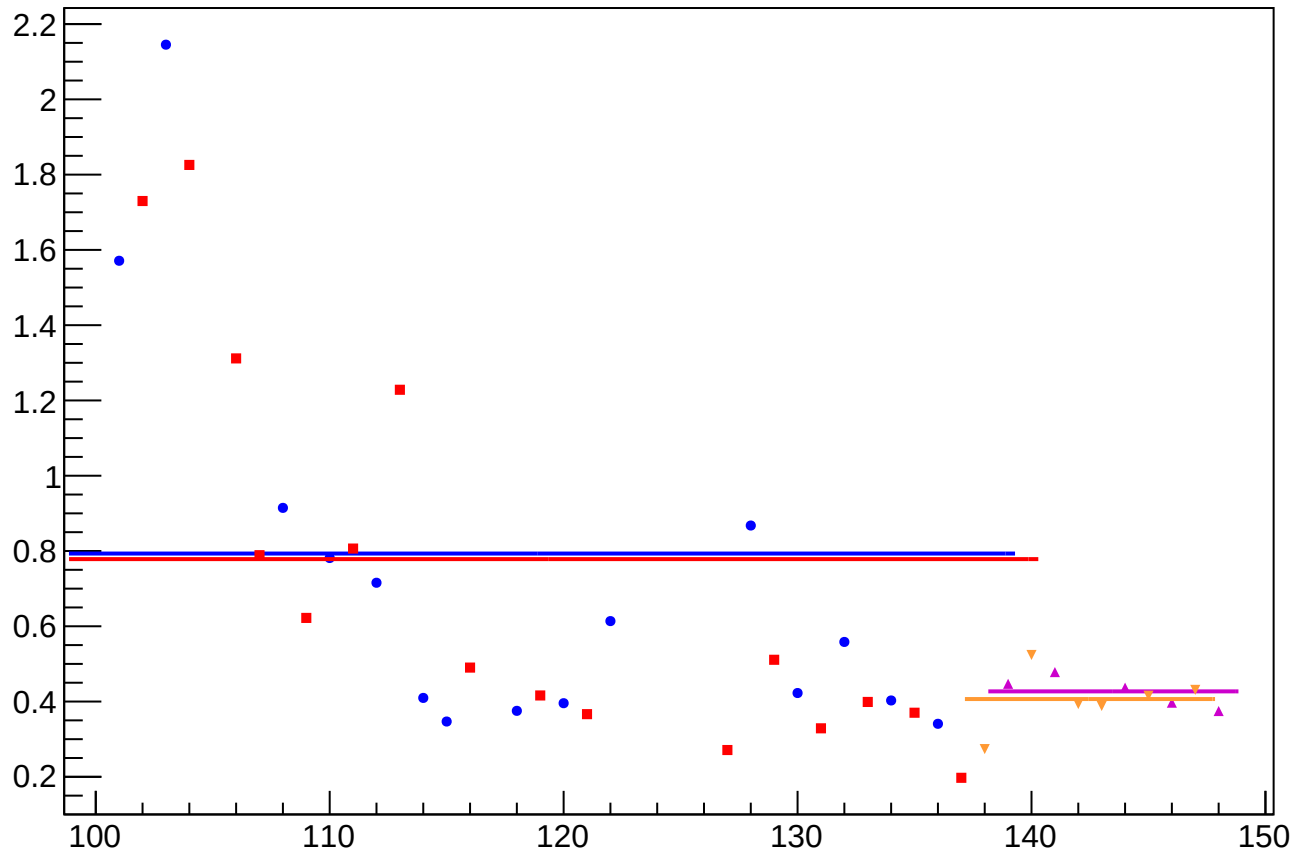
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

dit_4eY_coil3_mean vs Slug



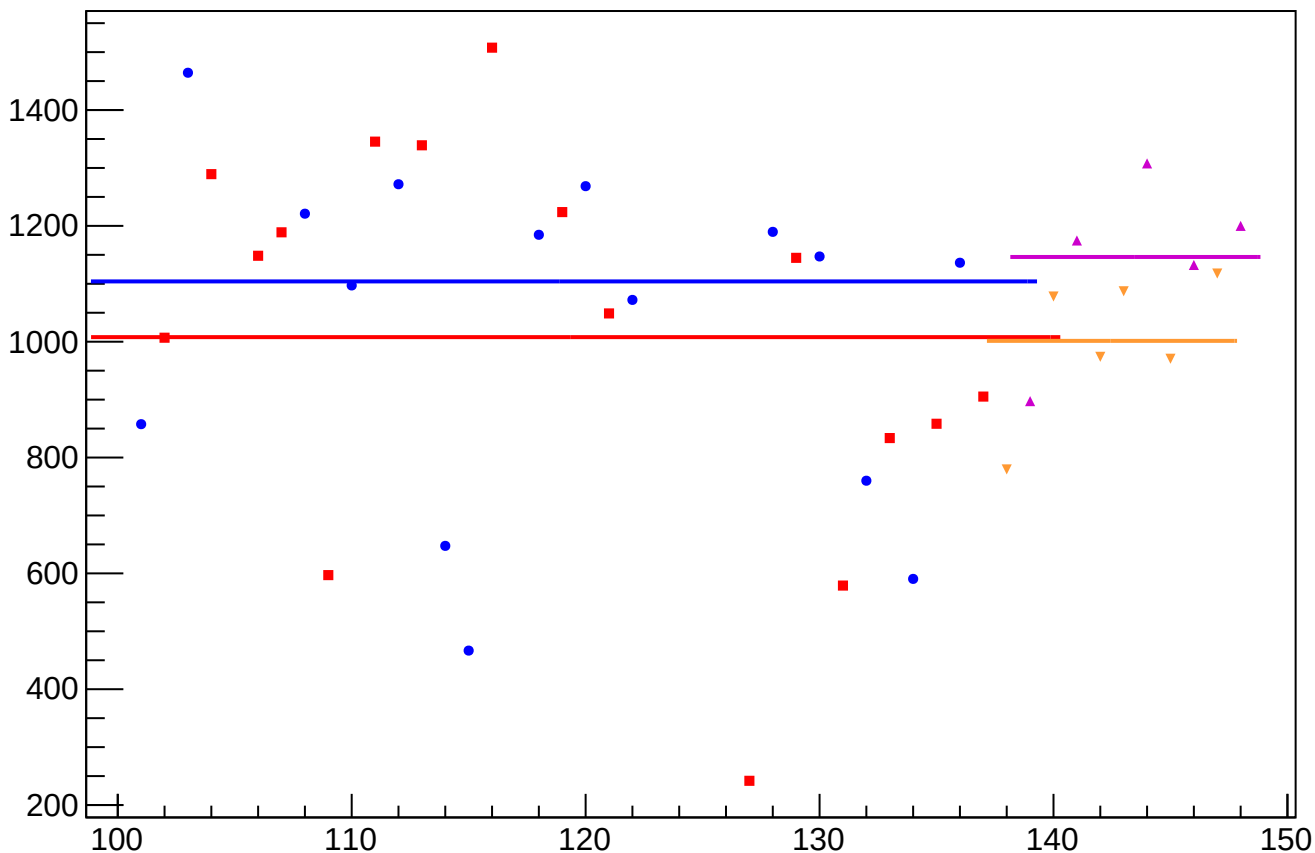
Right In: 4.275+/-0.000	χ^2/NDF : 597188707898198851792415435522048.0/14	+ sign 3.979+/-0.000	χ^2/NDF : 11457363014998621
Left Out: 3.536+/-0.000	χ^2/NDF : 406887513685155289666389798813696.0/5	All: 4.095+/-0.000	χ^2/NDF : 22259165206214
Right Out: 4.039+/-0.000	χ^2/NDF : 772368848194464324973108765130752.0/15	- sign 4.209+/-0.000	χ^2/NDF : 10516604987709646
Left In: 4.476+/-0.000	χ^2/NDF : 229980062133348641480077886881792.0/4		

dit_4eY_coil3_err_mean vs Slug



Right In: 0.793+/-0.000	χ^2/NDF : 195508777173589483440314700005376.0/14	+ sign 0.639+/-0.000	χ^2/NDF : 23685912855908822
Left Out: 0.407+/-0.000	χ^2/NDF : 2587369286331032748568661196800.0/5	All: 0.641+/-0.000	χ^2/NDF : 45516866278103
Right Out: 0.778+/-0.000	χ^2/NDF : 185814635772183306063903690063872.0/15	- sign 0.642+/-0.000	χ^2/NDF : 21830281832050786
Left In: 0.427+/-0.000	χ^2/NDF : 568958624243763950326416146432.0/4		

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

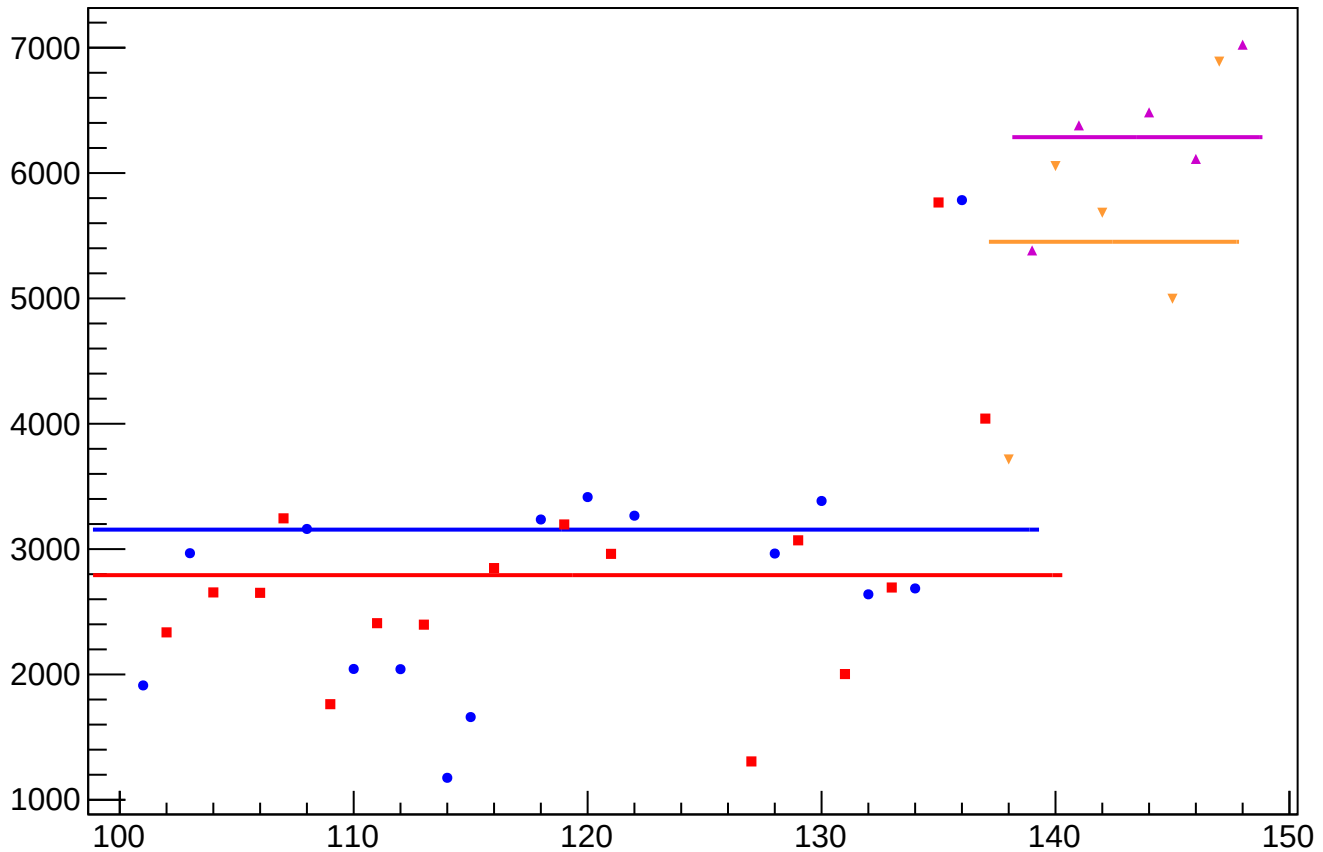
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

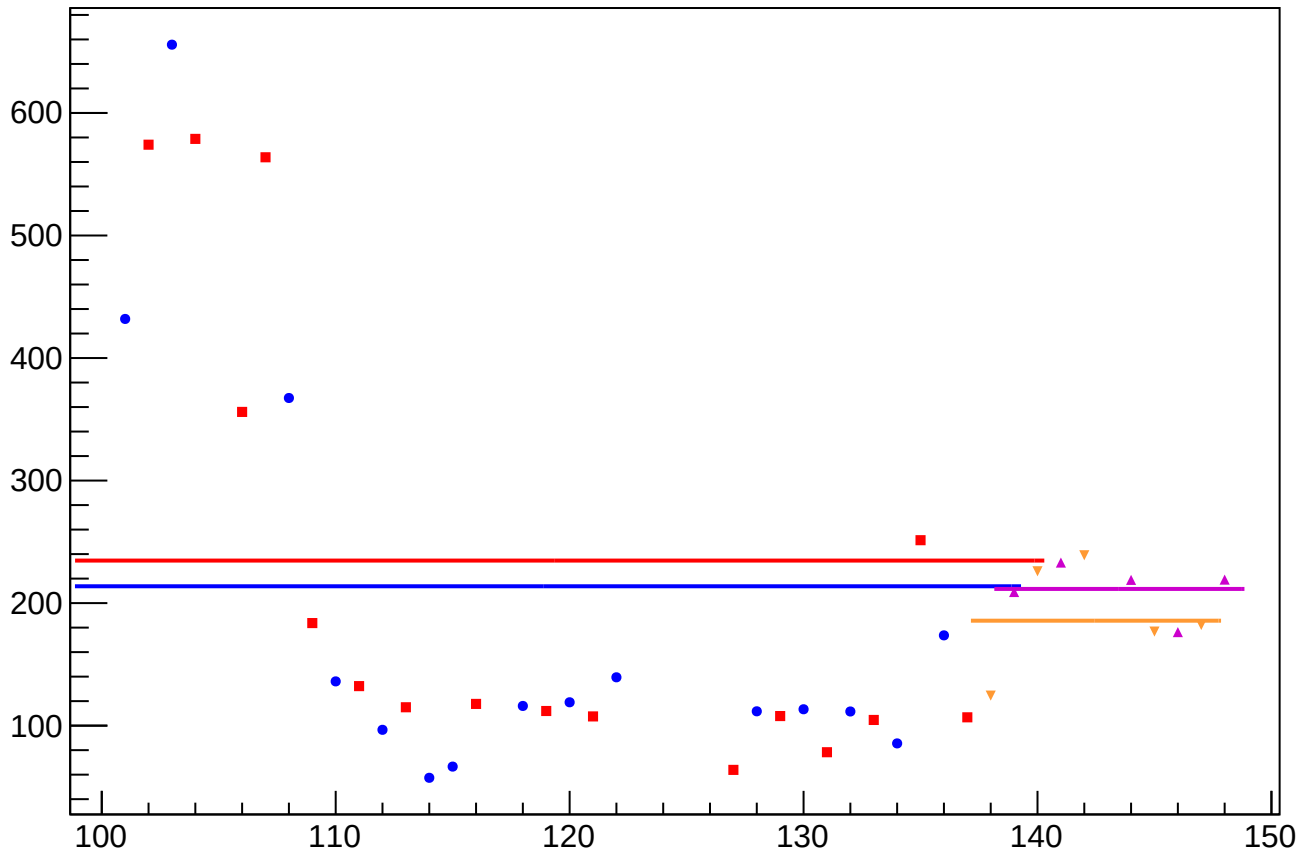
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

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: 6286.396+/-0.000 χ^2/NDF : 118587768353029358961250594016509034496.0/4

dit_usl_coil3_err_mean vs Slug



Right In: 213.739+/-0.000 χ^2/NDF : 19718138109054002114361149860507287552.0/14

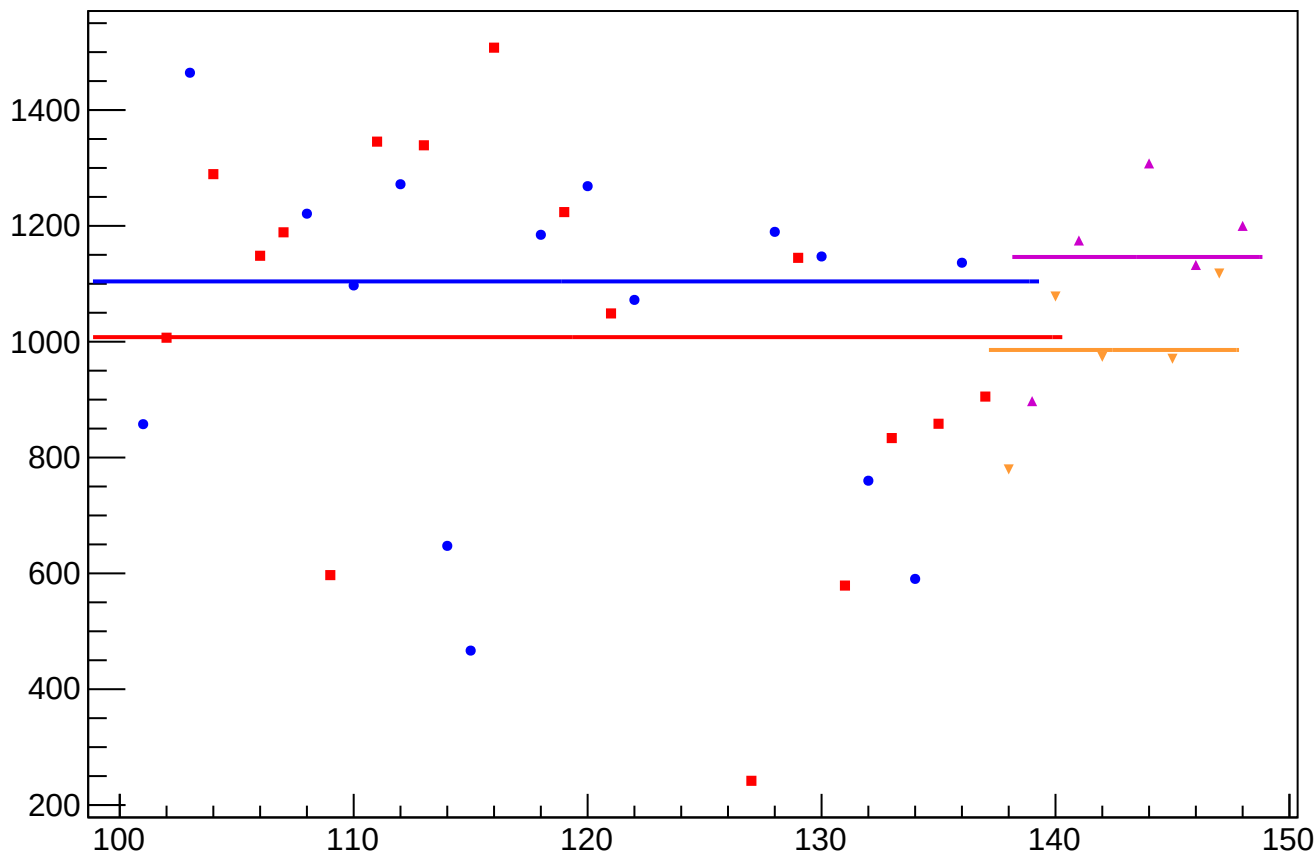
Left Out: 185.652+/-0.000 χ^2/NDF : 563436223406245984956257598267457536.0/4

Right Out: 234.712+/-0.000 χ^2/NDF : 24013134107167214895189050481067425792.0/15

Left In: 211.567+/-0.000 χ^2/NDF : 152645084540150685684398682105970688.0/4

All: 215.080+/-0.000 χ^2/NDF : 45026898624

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

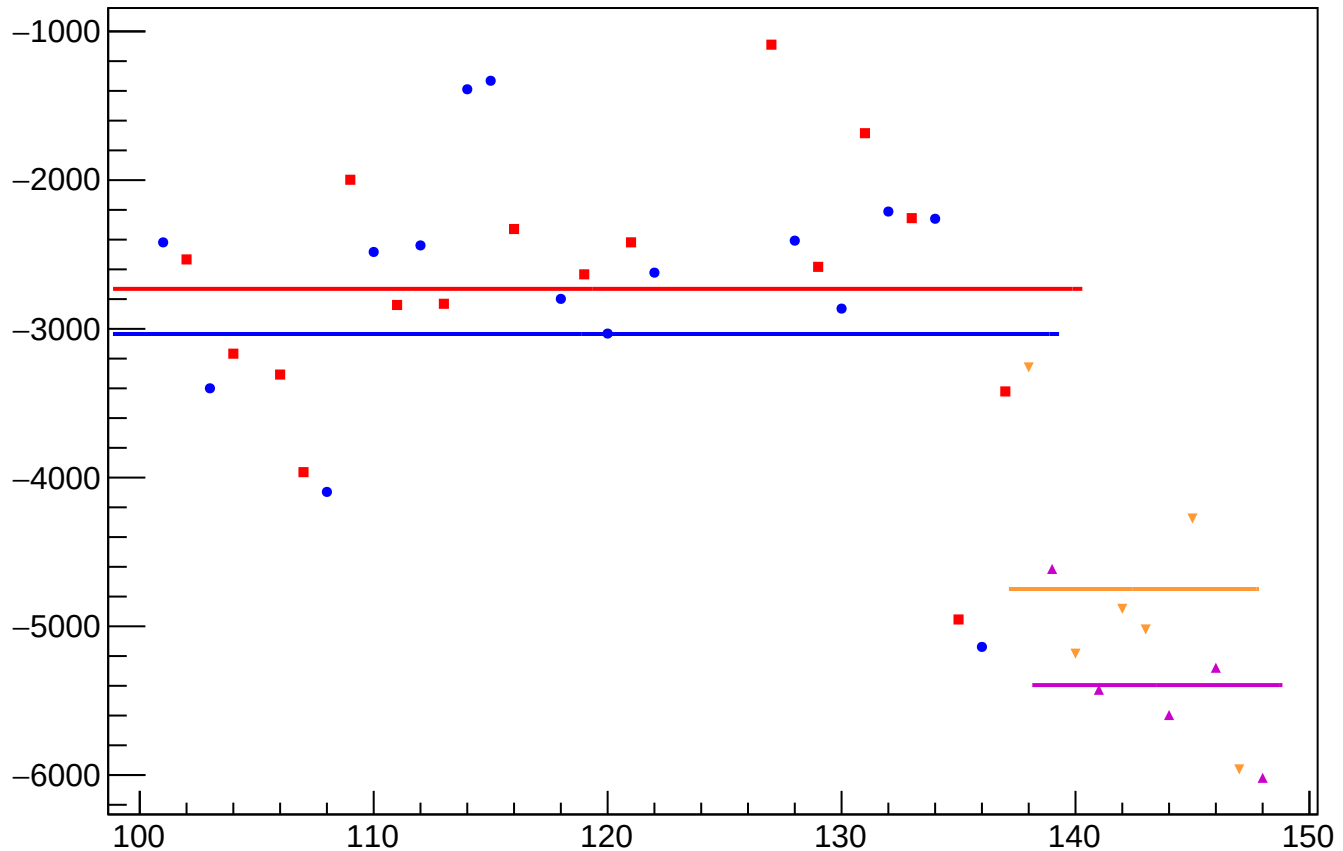
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1061.507+/-0.000 χ^2/NDF : 41411213012157

All: 1061.525+/-0.000 χ^2/NDF : 1231086695

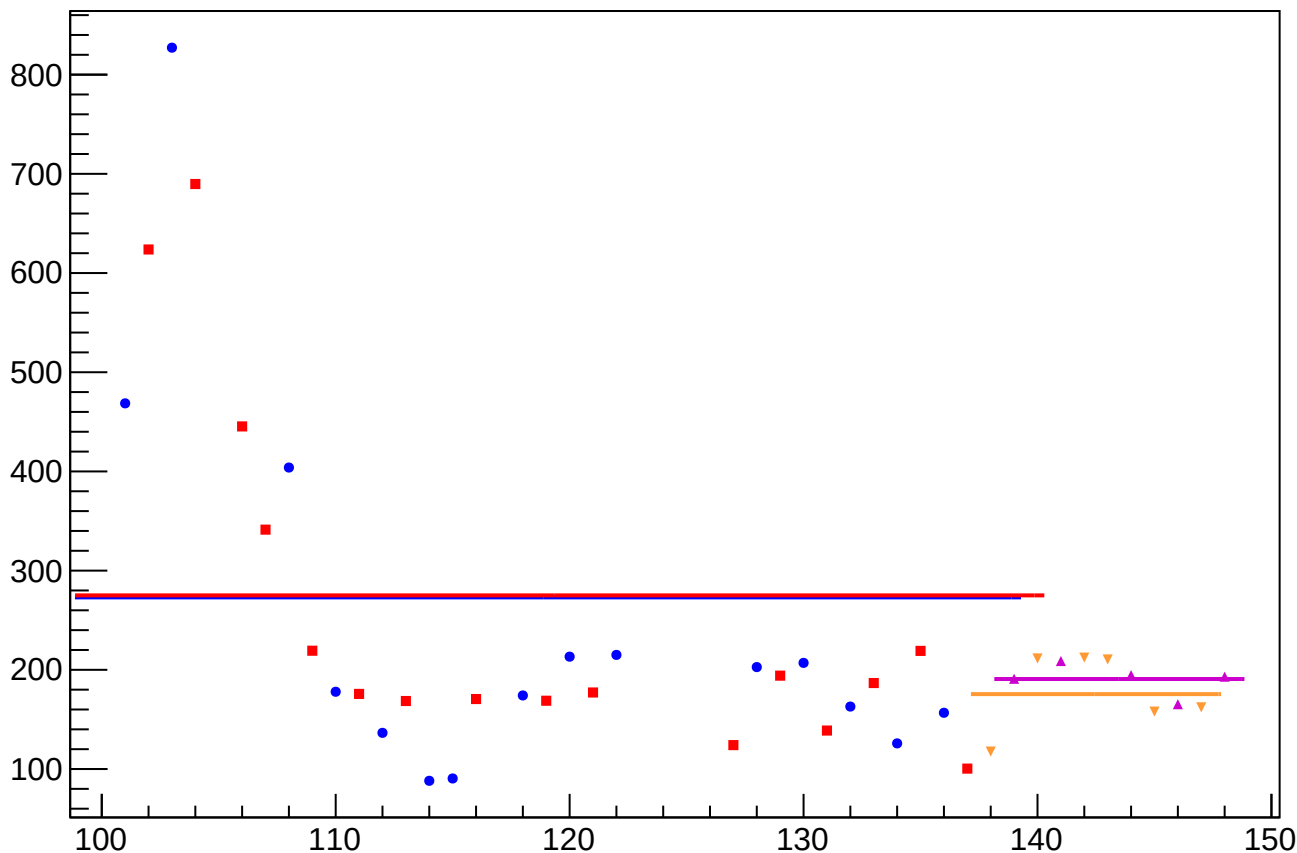
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

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: -5395.189 ± 0.000 χ^2/NDF : 86847855371015787573365846639409889280.0/4

dit_usr_coil3_err_mean vs Slug



Right In: 273.039+/-0.000 χ^2/NDF : 26485935053341175092913795212184125440.0/14

Left Out: 175.508+/-0.000 χ^2/NDF : 550896574250774098727532547931111424.0/5

Right Out: 275.044+/-0.000 χ^2/NDF : 22264760088752901792561892991657050112.0/15

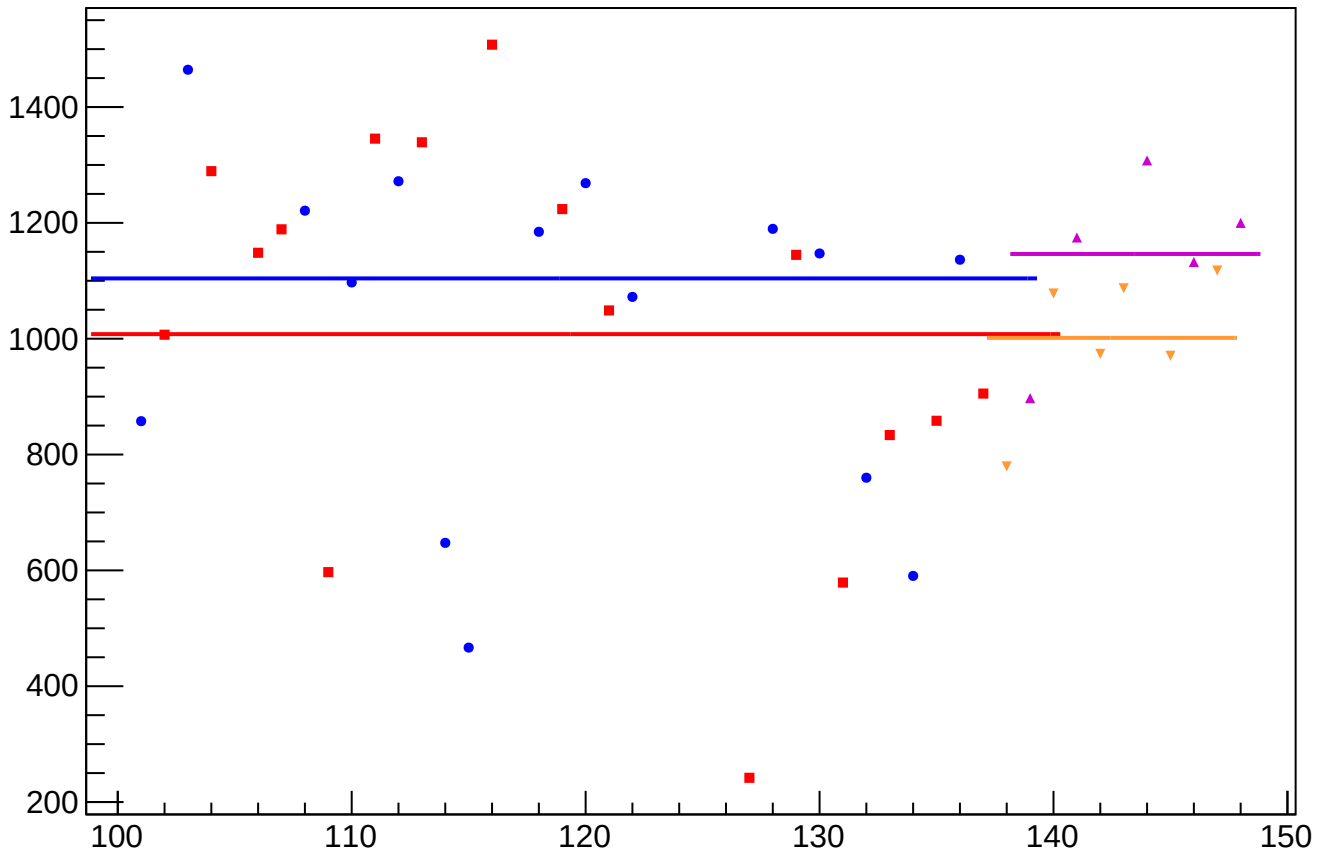
Left In: 190.740+/-0.000 χ^2/NDF : 83299934249048887322794892076253184.0/4

+ sign 234.062+/-0.000 χ^2/NDF : 295039300393674

All: 238.234+/-0.000 χ^2/NDF : 537264399902

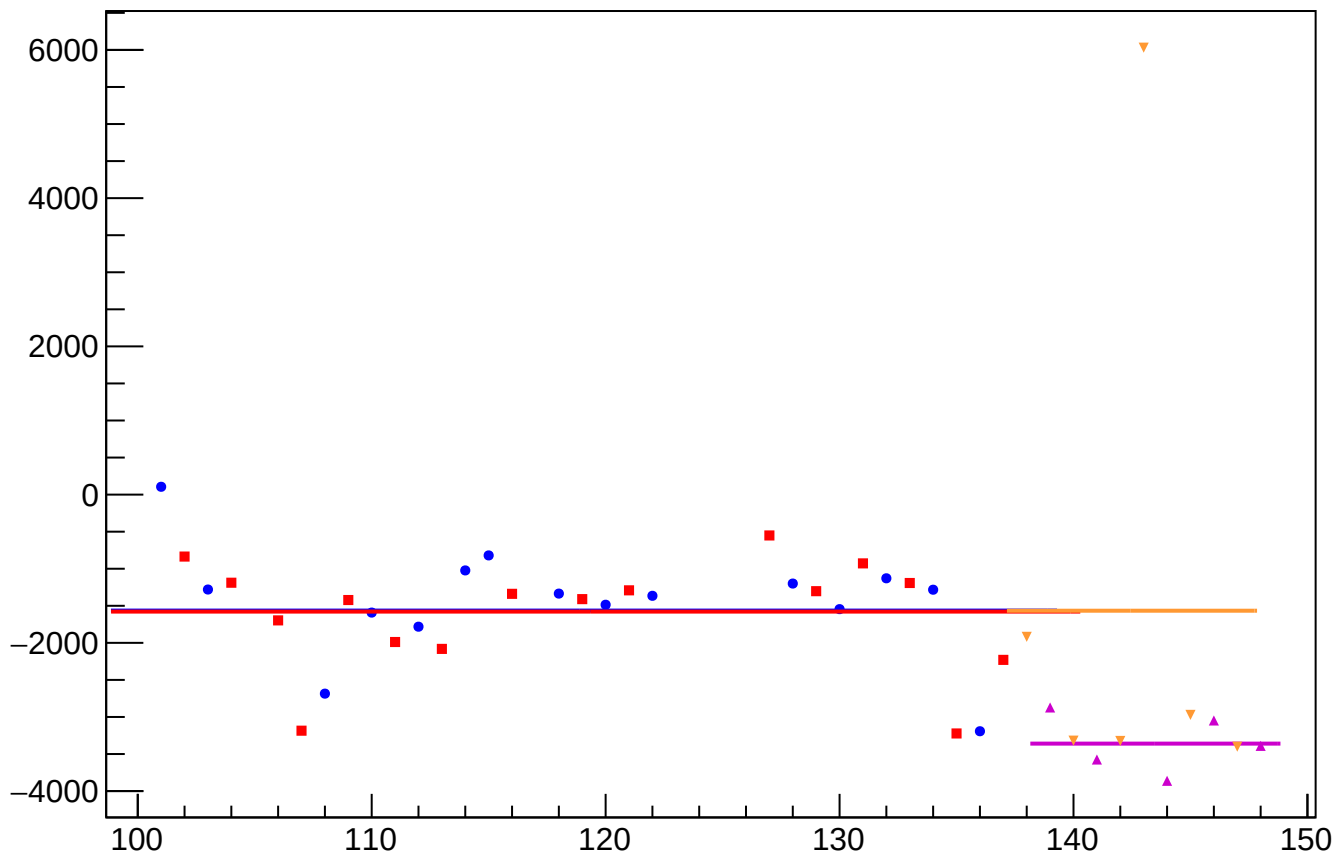
- sign 242.375+/-0.000 χ^2/NDF : 241850230522955

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: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

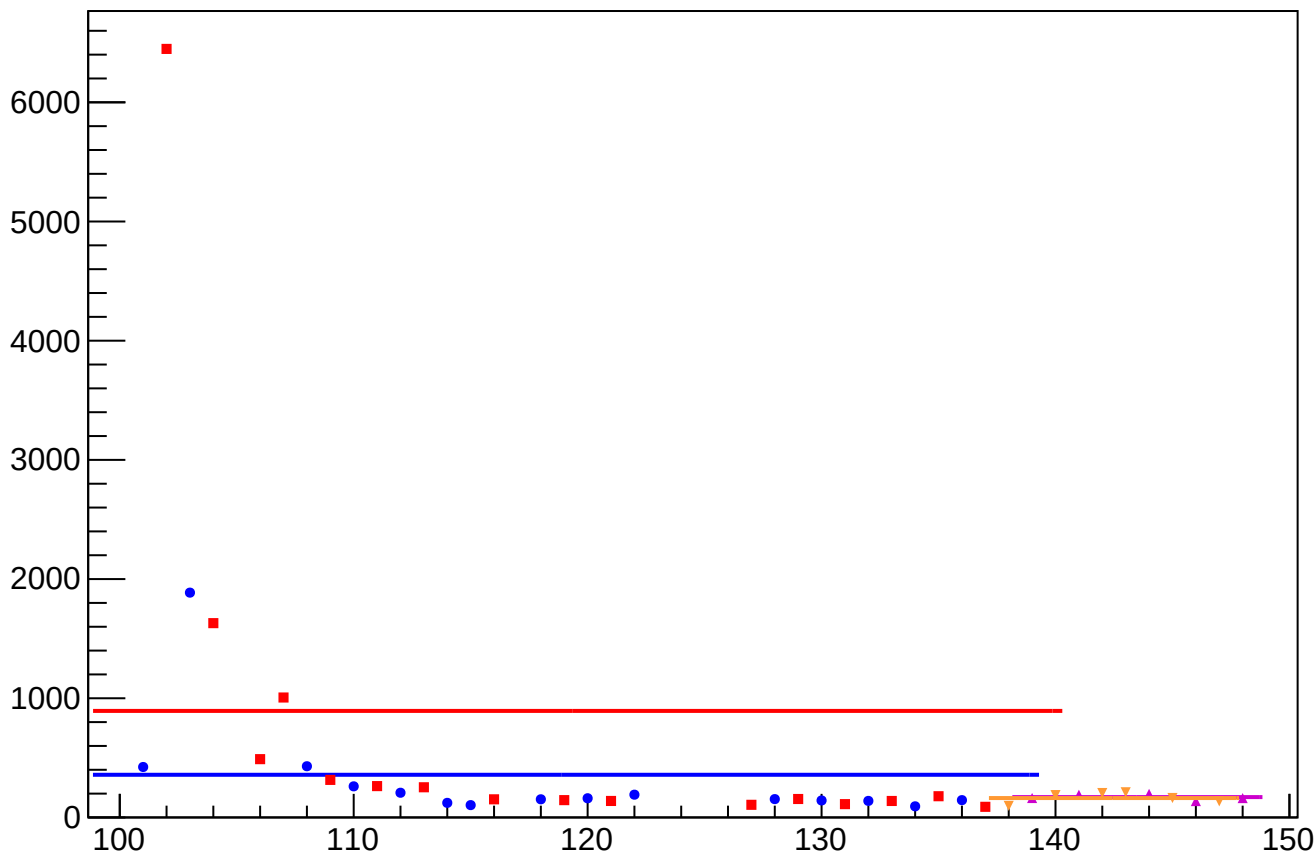
dit_atl1_coil3_mean vs Slug



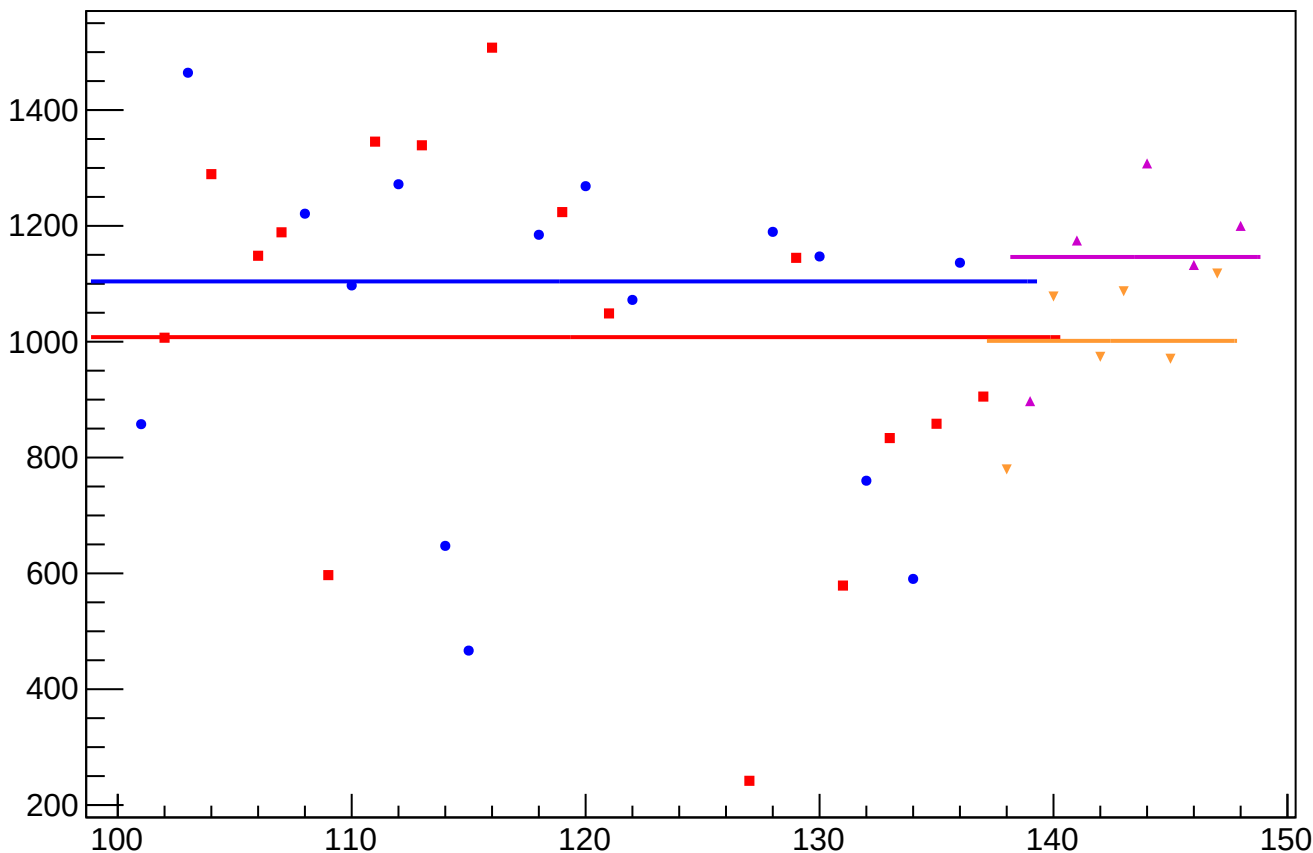
Right In: -1564.595+/-0.000	χ^2/NDF : 483874800978571042578975757029039144960.0/14
Left Out: -1566.424+/-0.000	χ^2/NDF : 4692726219348206906602115719470530953216.0/5
Right Out: -1578.178+/-0.000	χ^2/NDF : 368450572556217564071963203581098590208.0/15
Left In: -3359.568+/-0.000	χ^2/NDF : 53749610495843609523865078423525261312.0/4

+ sign -1565.326+/-0.000 χ^2/NDF : 5176601887375
 All: -1918.203+/-0.000 χ^2/NDF : 6687246530
 - sign -2268.487+/-0.000 χ^2/NDF : 12424168221204

dit_atl1_coil3_err_mean vs Slug



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

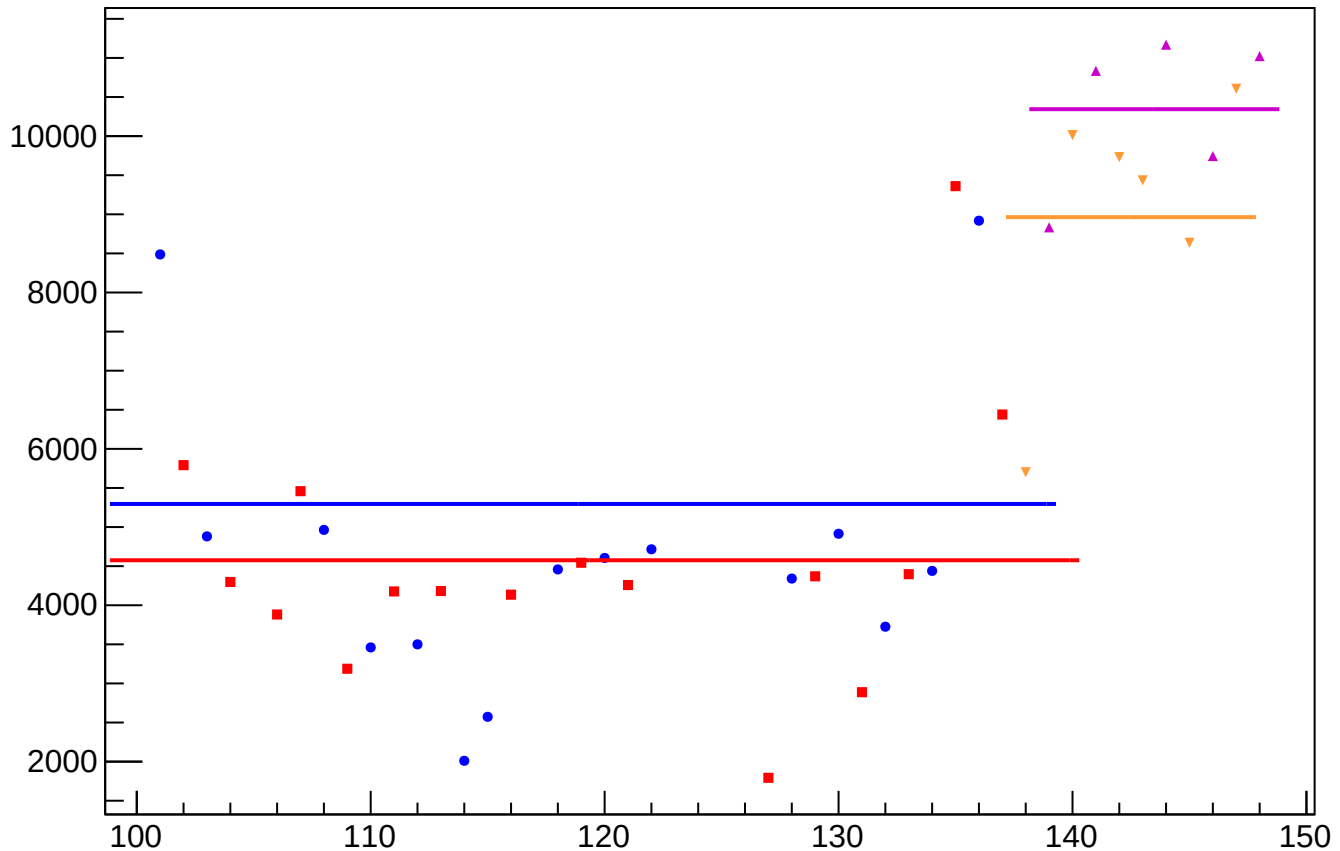
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

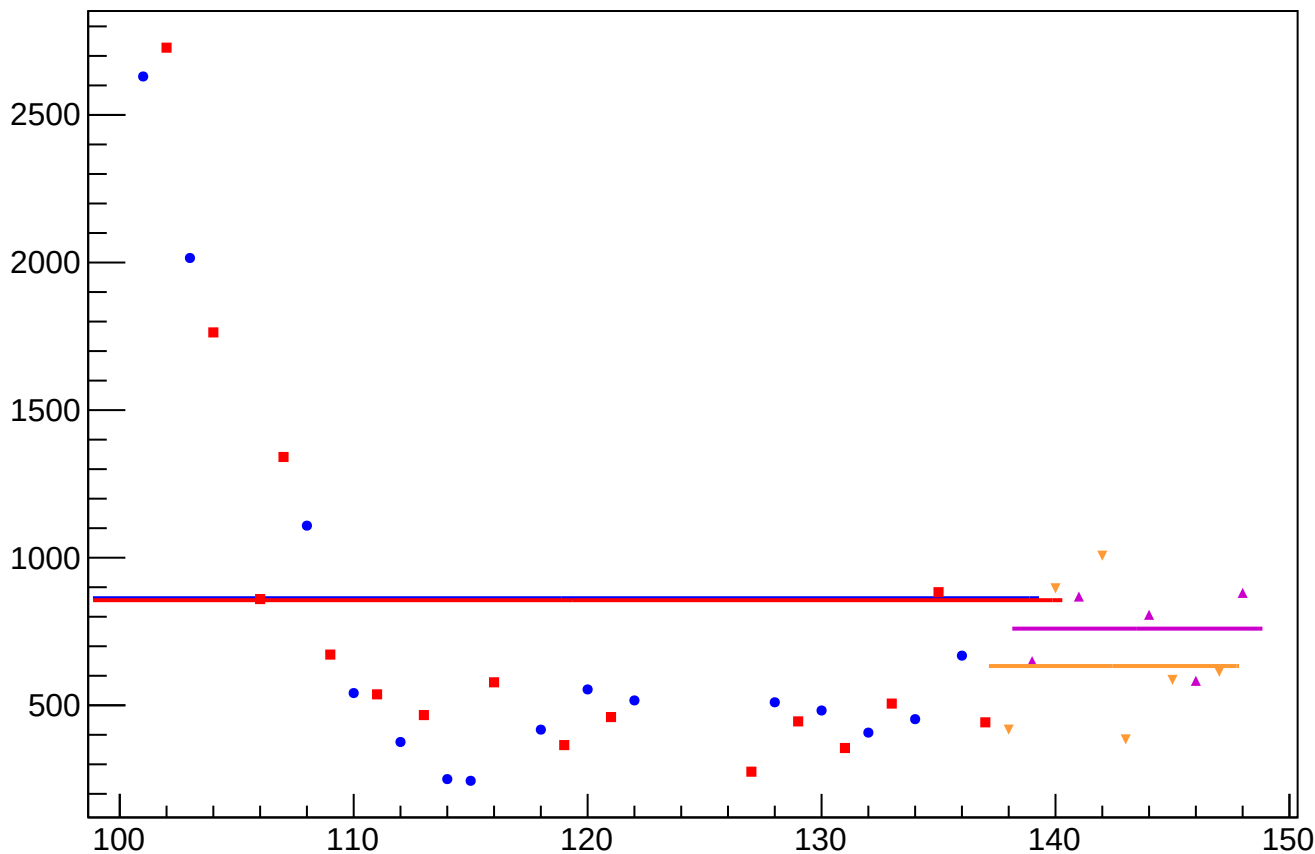
dit_atl2_coil3_mean vs Slug



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: 10344.401+/-0.000	χ^2/NDF : 334490460281027461066889829826768666624.0/4

+ sign 6761.328+/-0.000 χ^2/NDF : 71769903173964
 All: 6786.193+/-0.000 χ^2/NDF : 17978762327
 - sign 6810.875+/-0.000 χ^2/NDF : 10800440267352

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

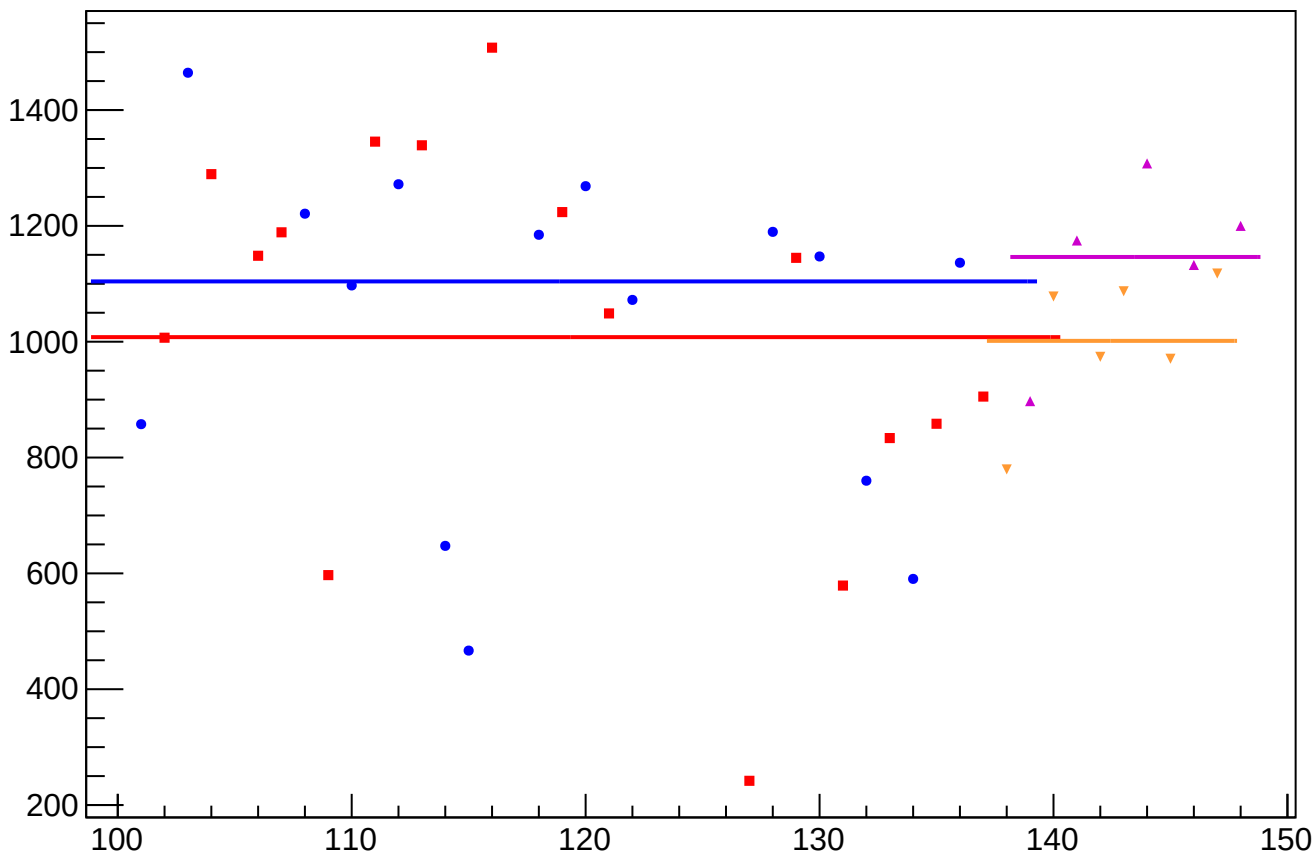
Left In: 759.674+/-0.000 χ^2/NDF : 6009475923110976974936912575386877952.0/4

+ sign 770.882+/-0.000 χ^2/NDF : 371448243326281

All: 794.884+/-0.000 χ^2/NDF : 708295014369

- sign 818.708+/-0.000 χ^2/NDF : 335605910544780

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

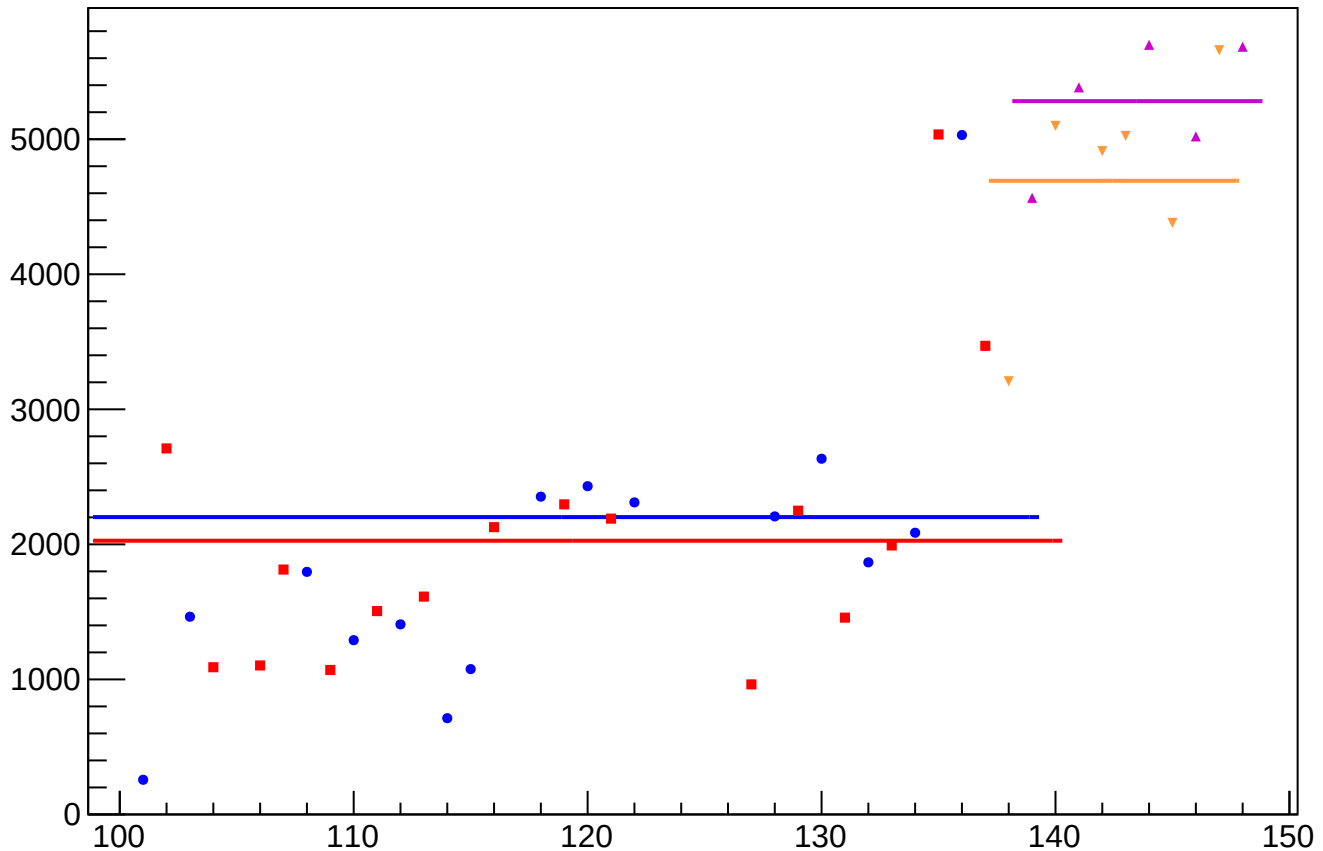
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

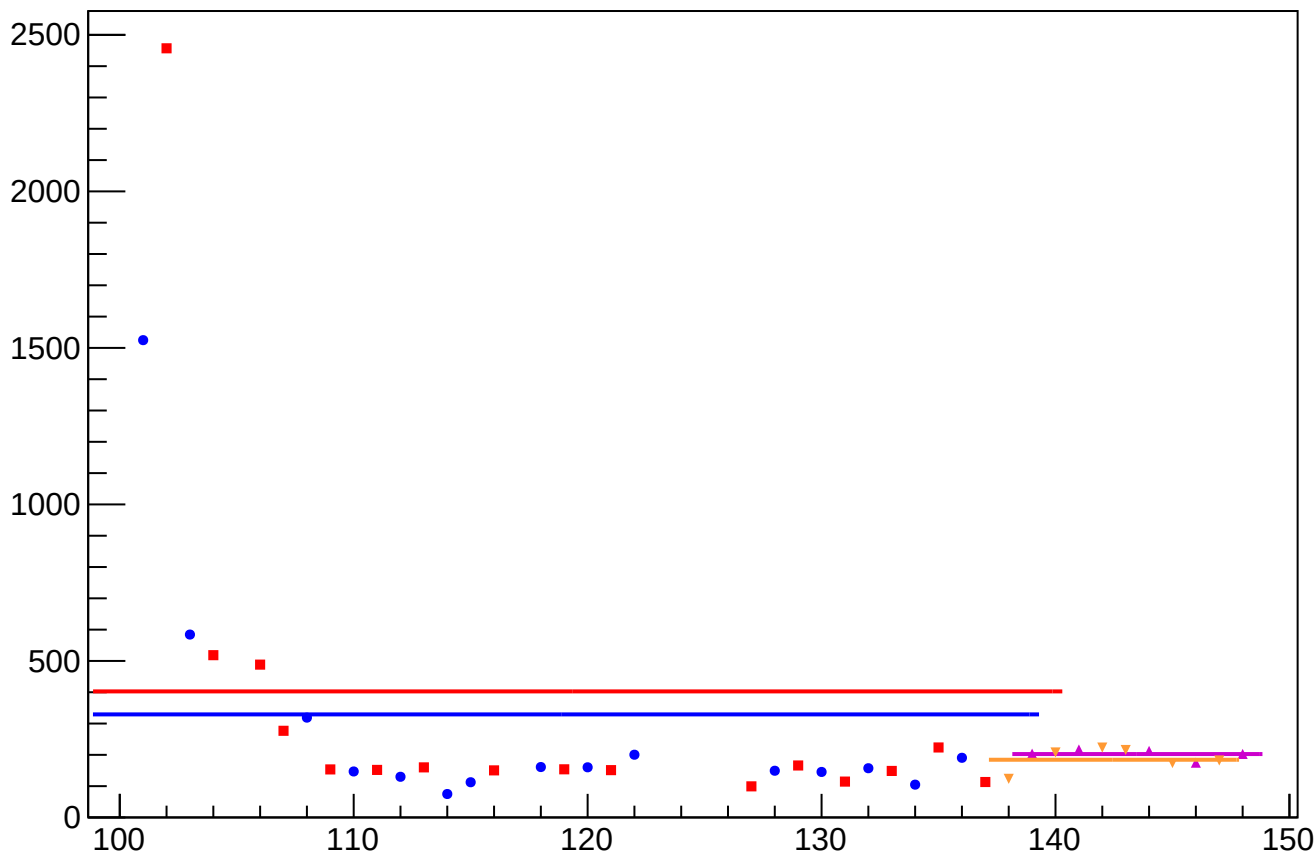
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

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: 3242.891+/-0.000	χ^2/NDF : 6499971639
Right Out: 2026.969+/-0.000	χ^2/NDF : 708626456603410705124518299956645199872.0/15	- sign 3288.335+/-0.000	χ^2/NDF : 35244162482441
Left In: 5282.012+/-0.000	χ^2/NDF : 77220422330513465160820200549270945792.0/4		

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

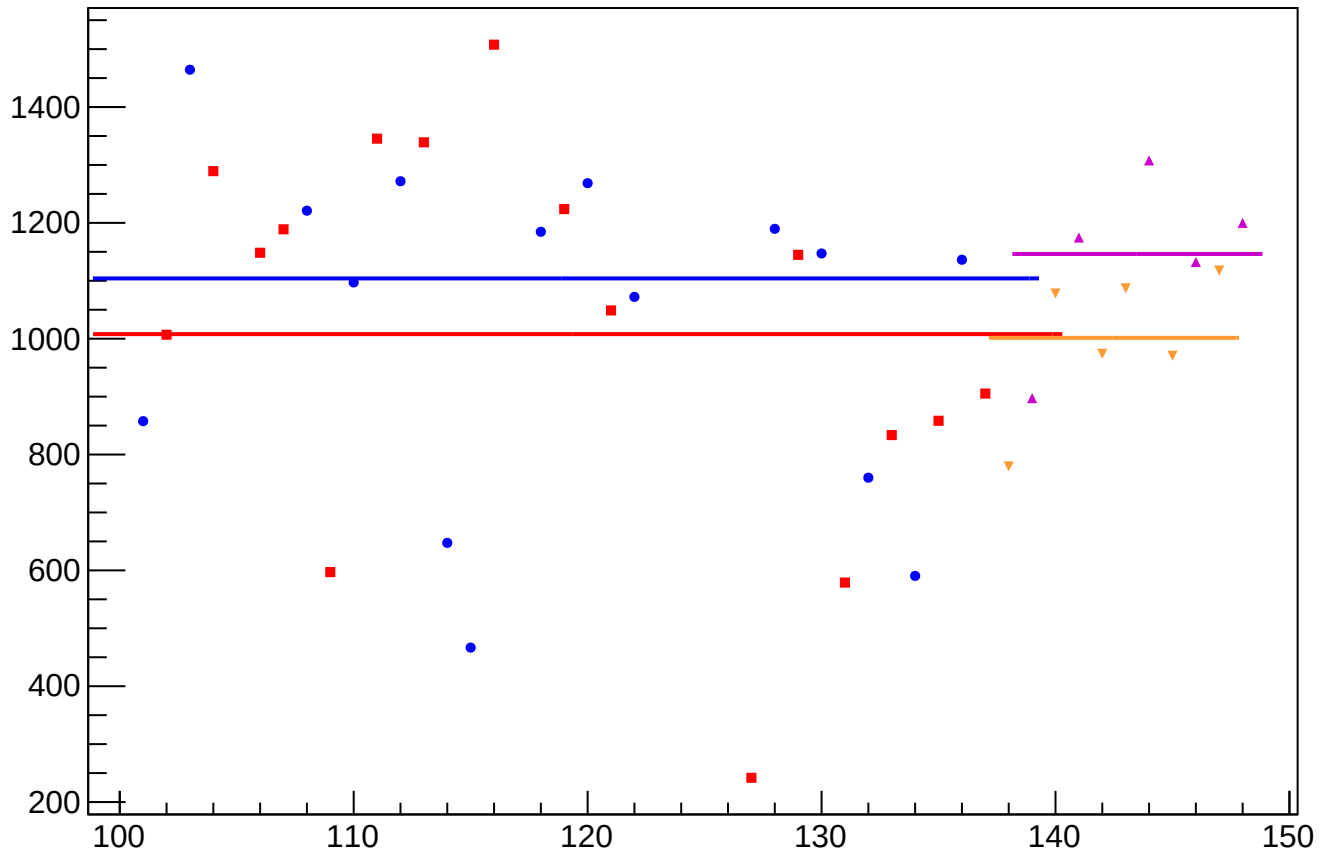
Left In: 202.549+/-0.000 χ^2/NDF : 90573536840890544037768503775723520.0/4

+ sign 271.329+/-0.000 χ^2/NDF : 109207962952244

All: 298.330+/-0.000 χ^2/NDF : 398858463039

- sign 325.133+/-0.000 χ^2/NDF : 288080051305766

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

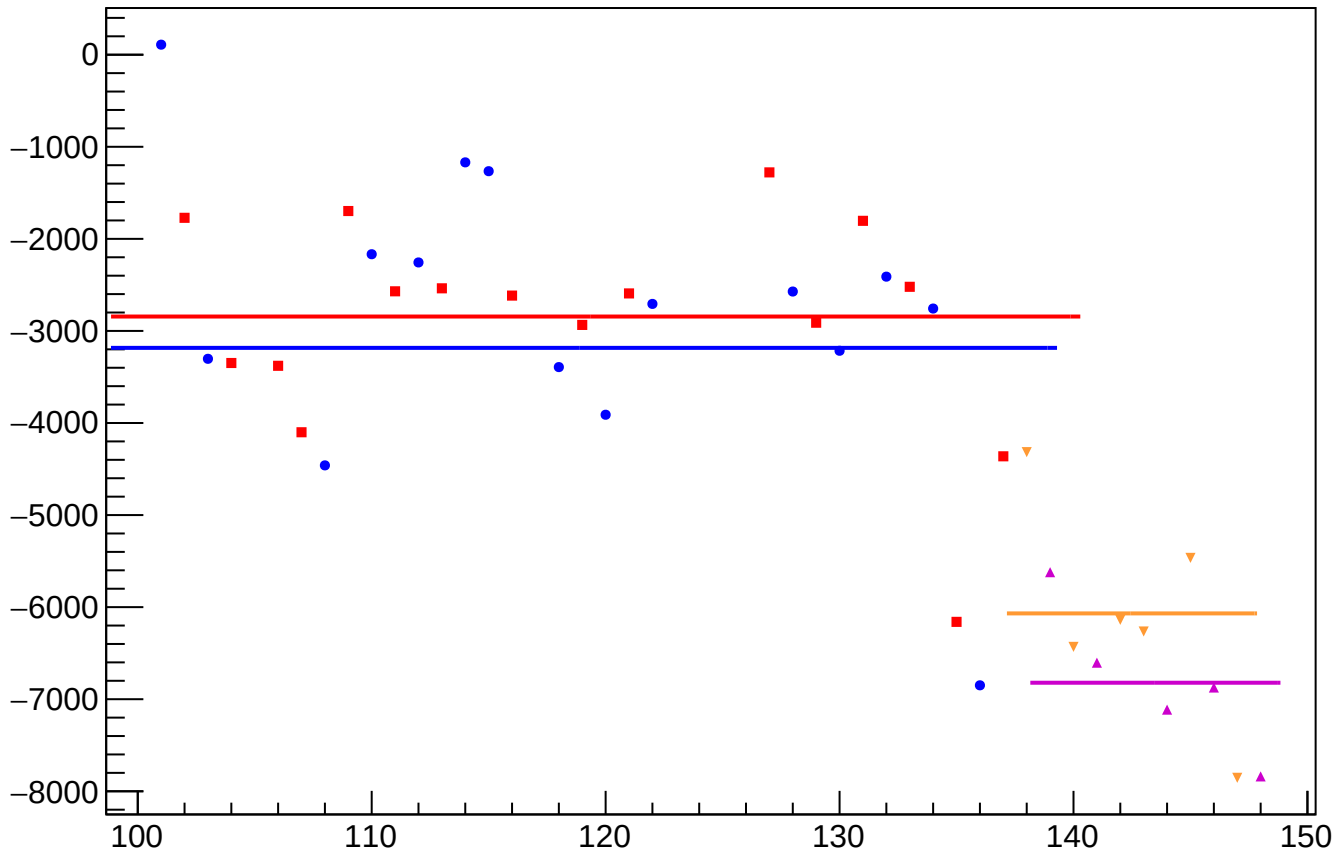
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

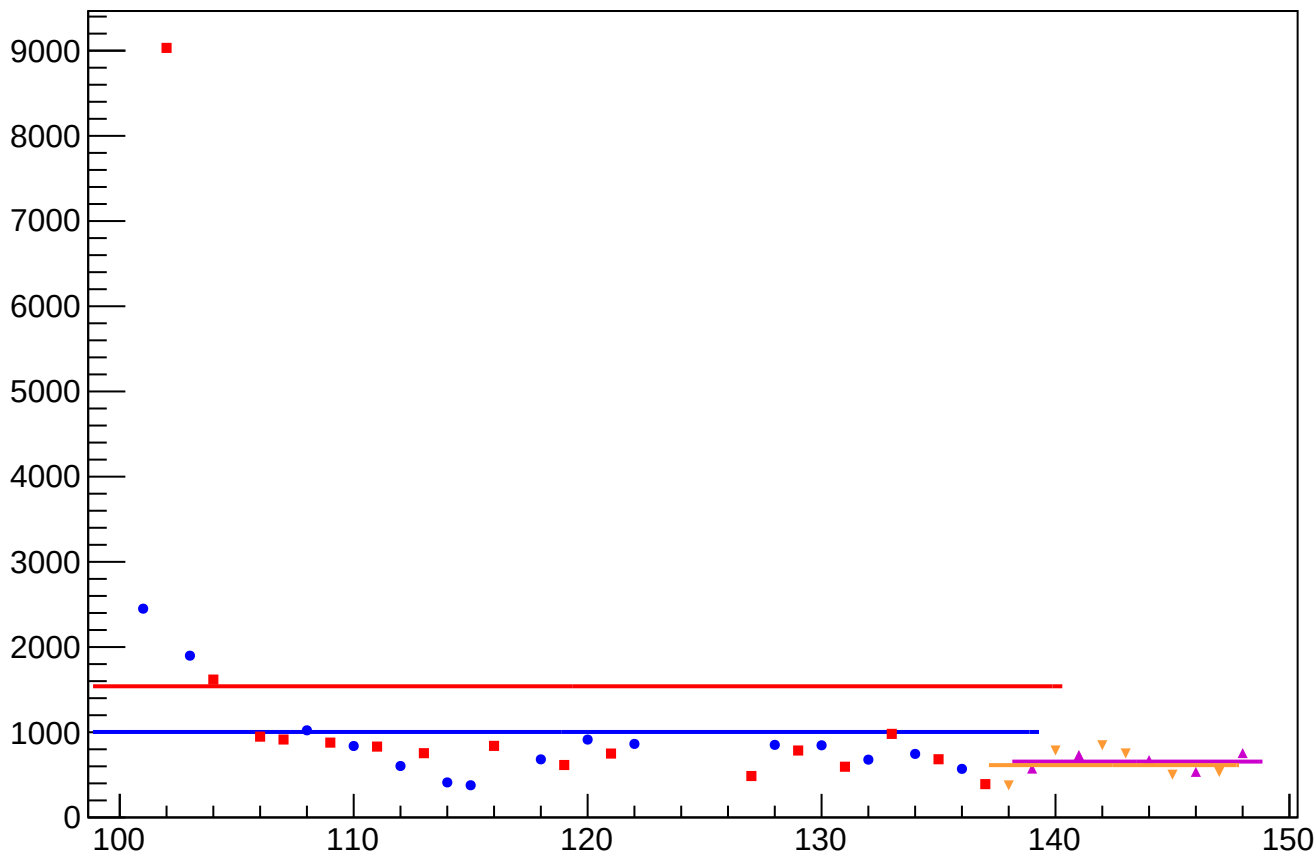
dit_atr2_coil3_mean vs Slug



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: -6821.064+/-0.000	χ^2/NDF : 215558018213800945430443548322333458432.0/4

+ sign -4336.522+/-0.000 χ^2/NDF : 4823437202550
 All: -4360.806+/-0.000 χ^2/NDF : 1007640523
 - sign -4384.911+/-0.000 χ^2/NDF : 52516977723027

dit_atr2_coil3_err_mean vs Slug



Right In: 1003.407+/-0.000 χ^2/NDF : 219815257294811198811064619822196195328.0/14

+ sign 847.825+/-0.000 χ^2/NDF : 271261732467323

Left Out: 614.092+/-0.000 χ^2/NDF : 12136357087775092504783707020193693696.0/5

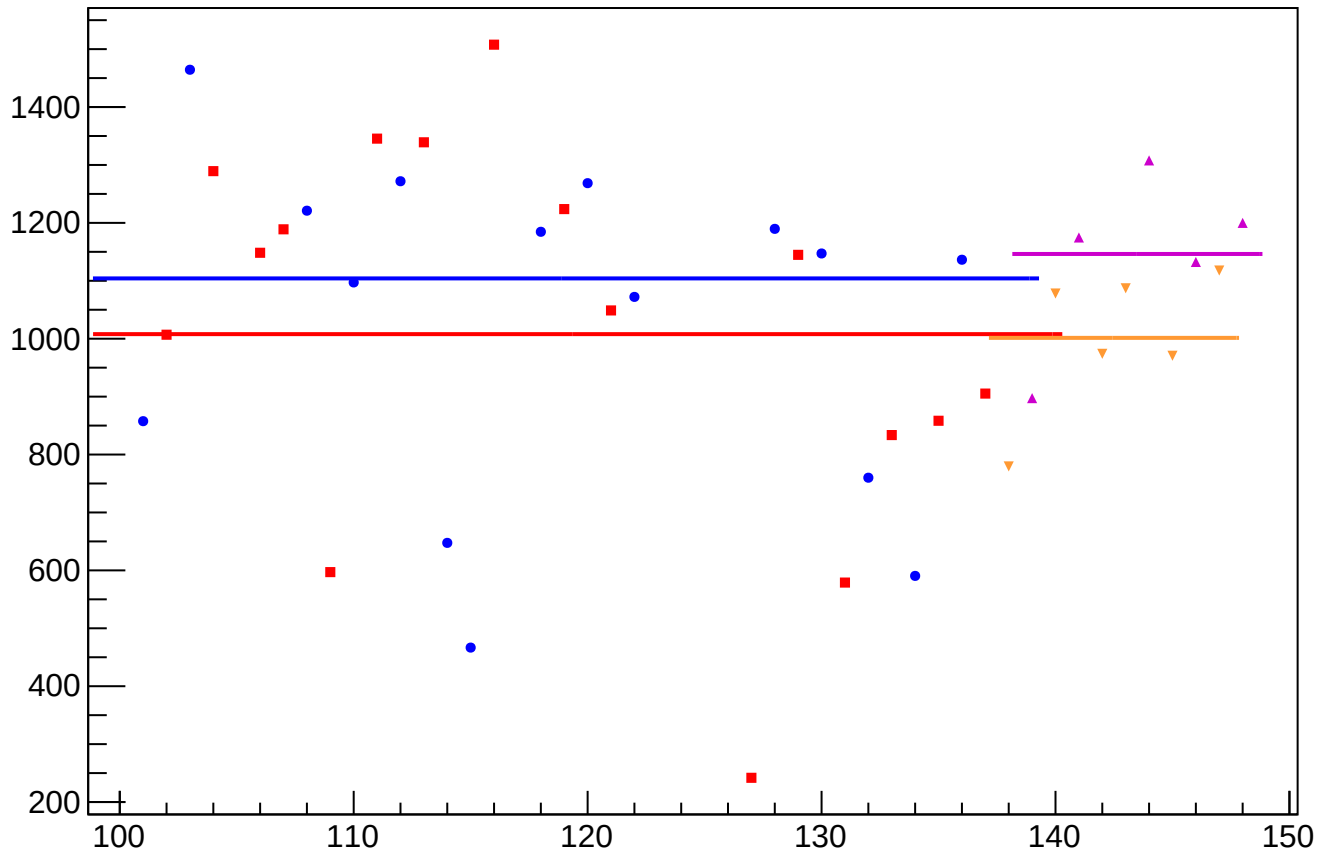
All: 1023.068+/-0.000 χ^2/NDF : 4157274809

Right Out: 1539.568+/-0.000 χ^2/NDF : 3614774785297482293145354574125437288448.0/15

- sign 1197.023+/-0.000 χ^2/NDF : 38198619585900

Left In: 655.607+/-0.000 χ^2/NDF : 3122126706734185771717368003774382080.0/4

dit_atr2_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

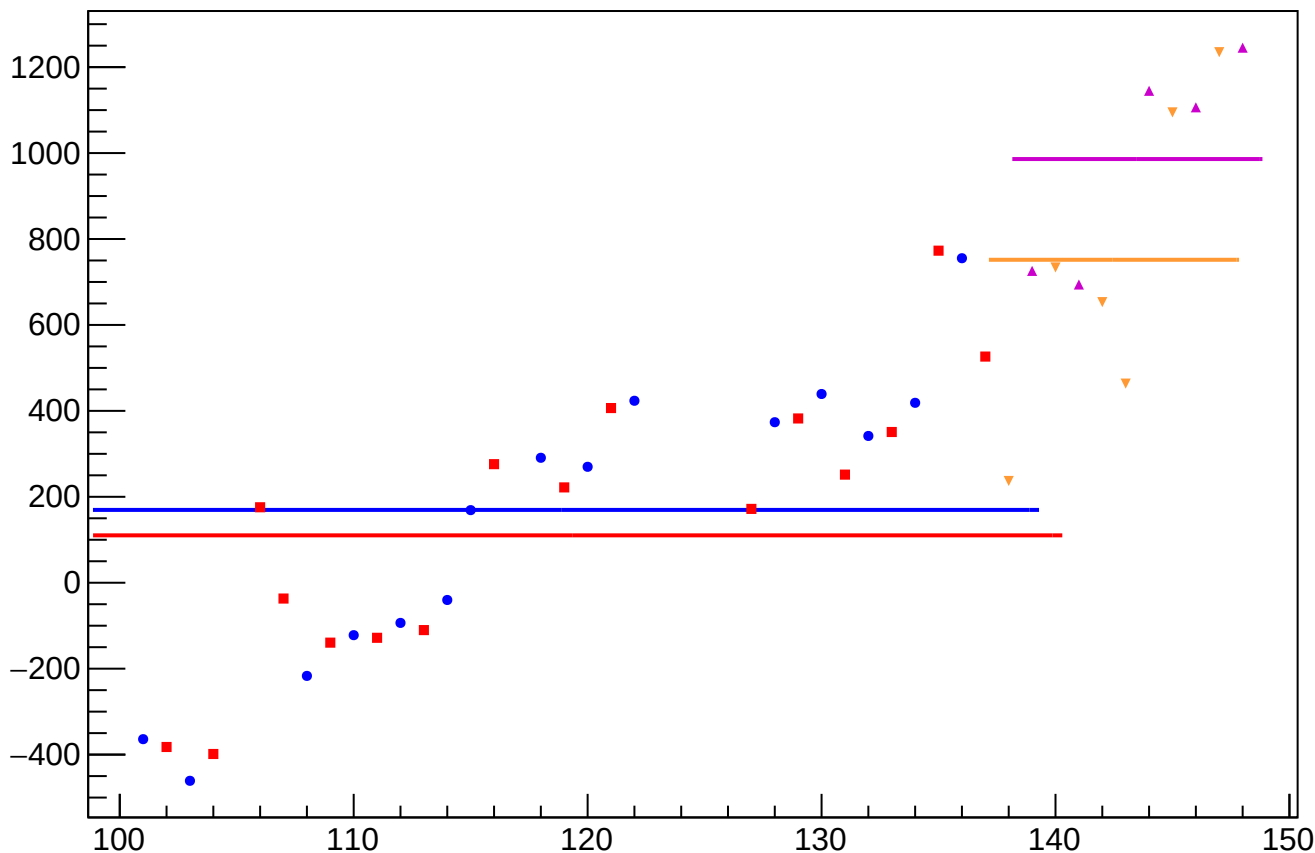
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

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

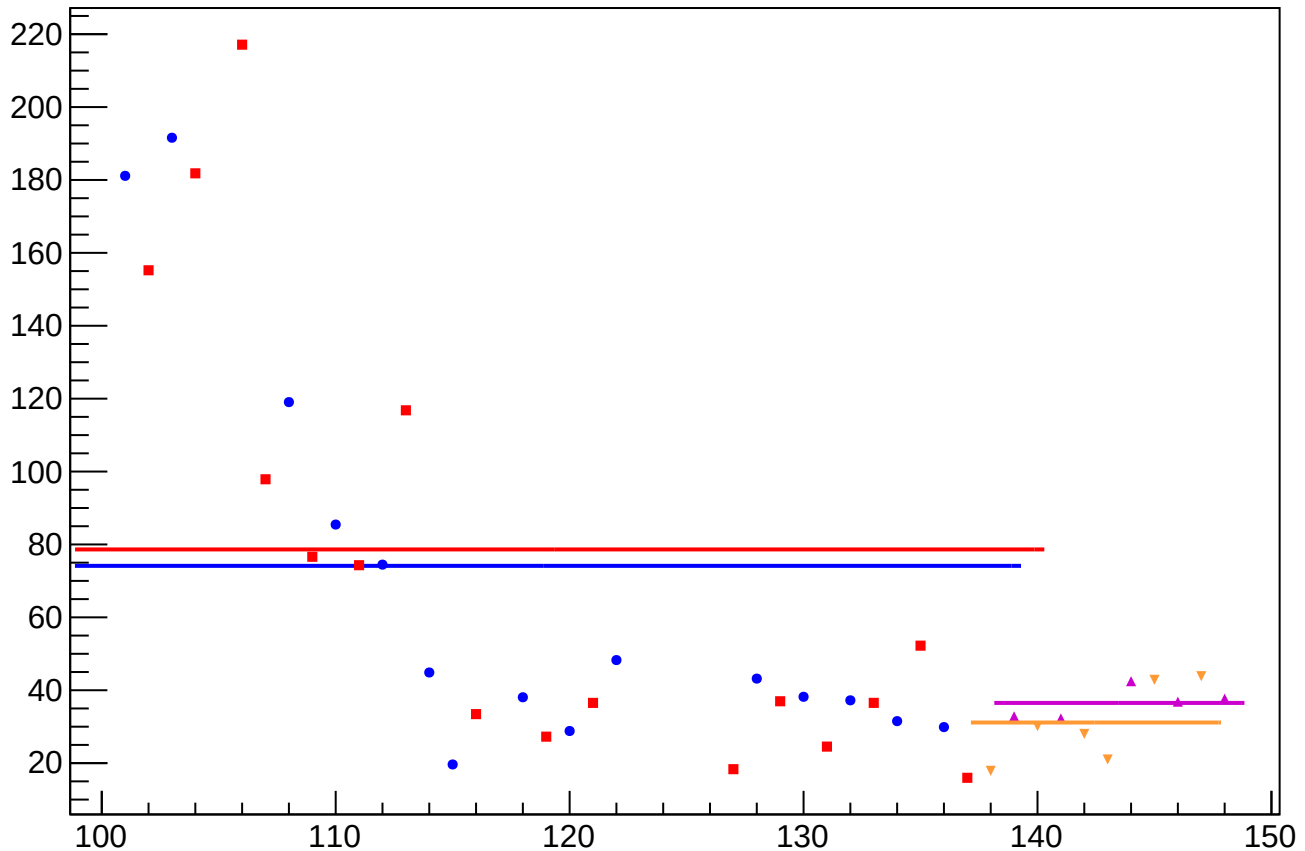
Left In: 986.102+/-0.000 χ^2/NDF : 21827185582659404281026760424221048832.0/4

+ sign 402.144+/-0.000 χ^2/NDF : 237790143653703

All: 425.998+/-0.000 χ^2/NDF : 530872907530

- sign 449.676+/-0.000 χ^2/NDF : 291857101015531

dit_sam1_coil3_err_mean vs Slug



Right In: 74.129+/-0.000 χ^2/NDF : 2168375717401207322620658258081218560.0/14

Left Out: 31.146+/-0.000 χ^2/NDF : 44835933182853977566891009544028160.0/5

Right Out: 78.633+/-0.000 χ^2/NDF : 2343230336879830638767678903539466240.0/15

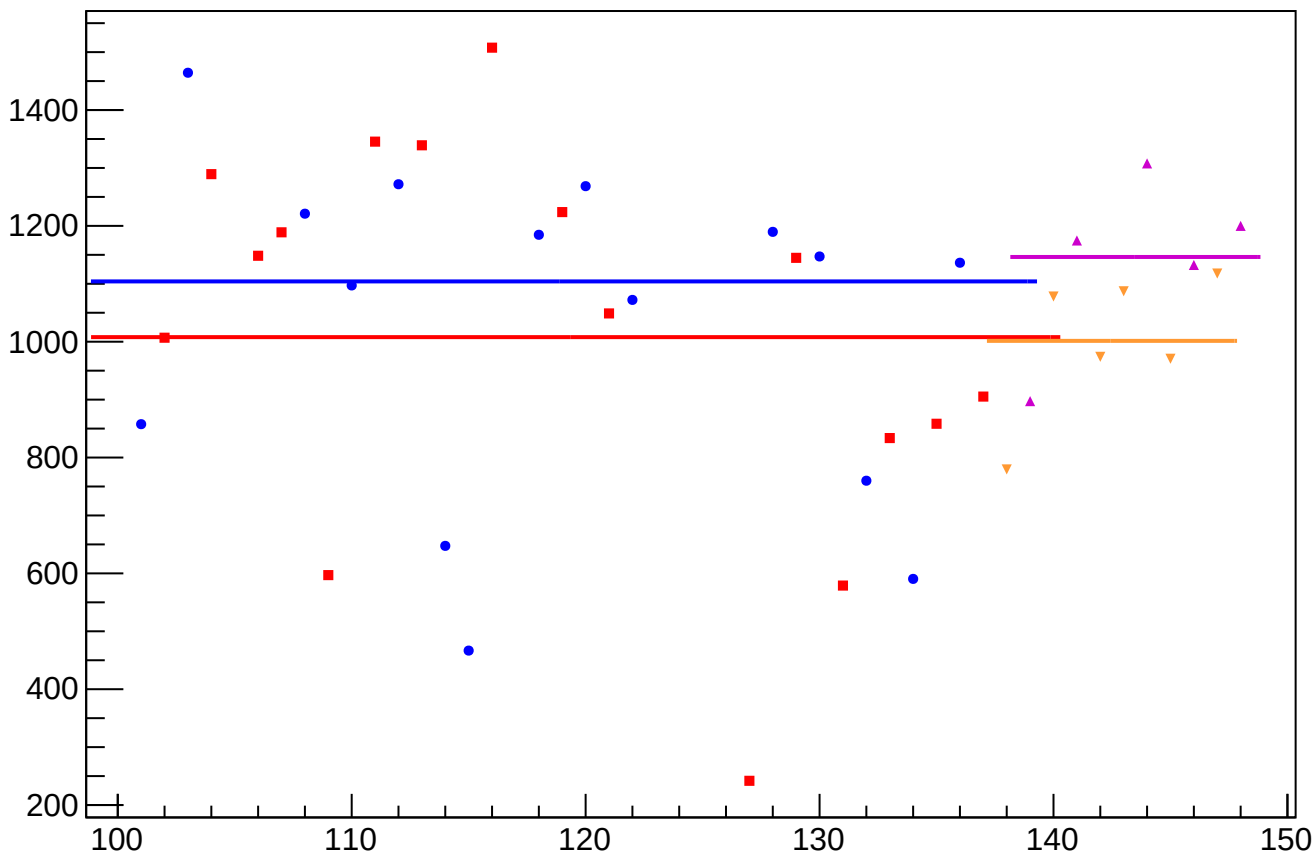
Left In: 36.520+/-0.000 χ^2/NDF : 5917729859003124109398744833720320.0/4

+ sign 56.951+/-0.000 χ^2/NDF : 2692388949262095

All: 59.642+/-0.000 χ^2/NDF : 5515524412070

- sign 62.314+/-0.000 χ^2/NDF : 2807535931096320

dit_sam1_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

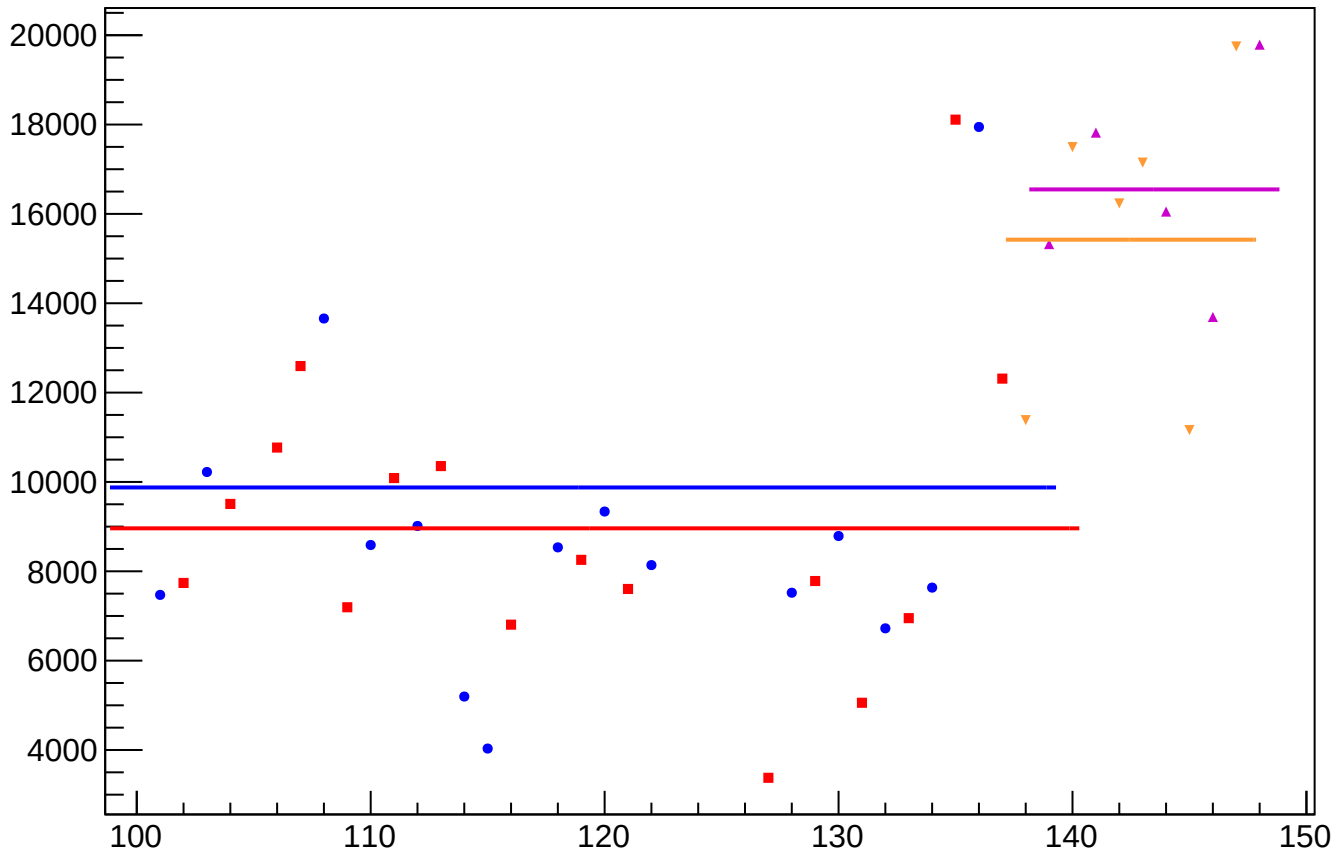
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

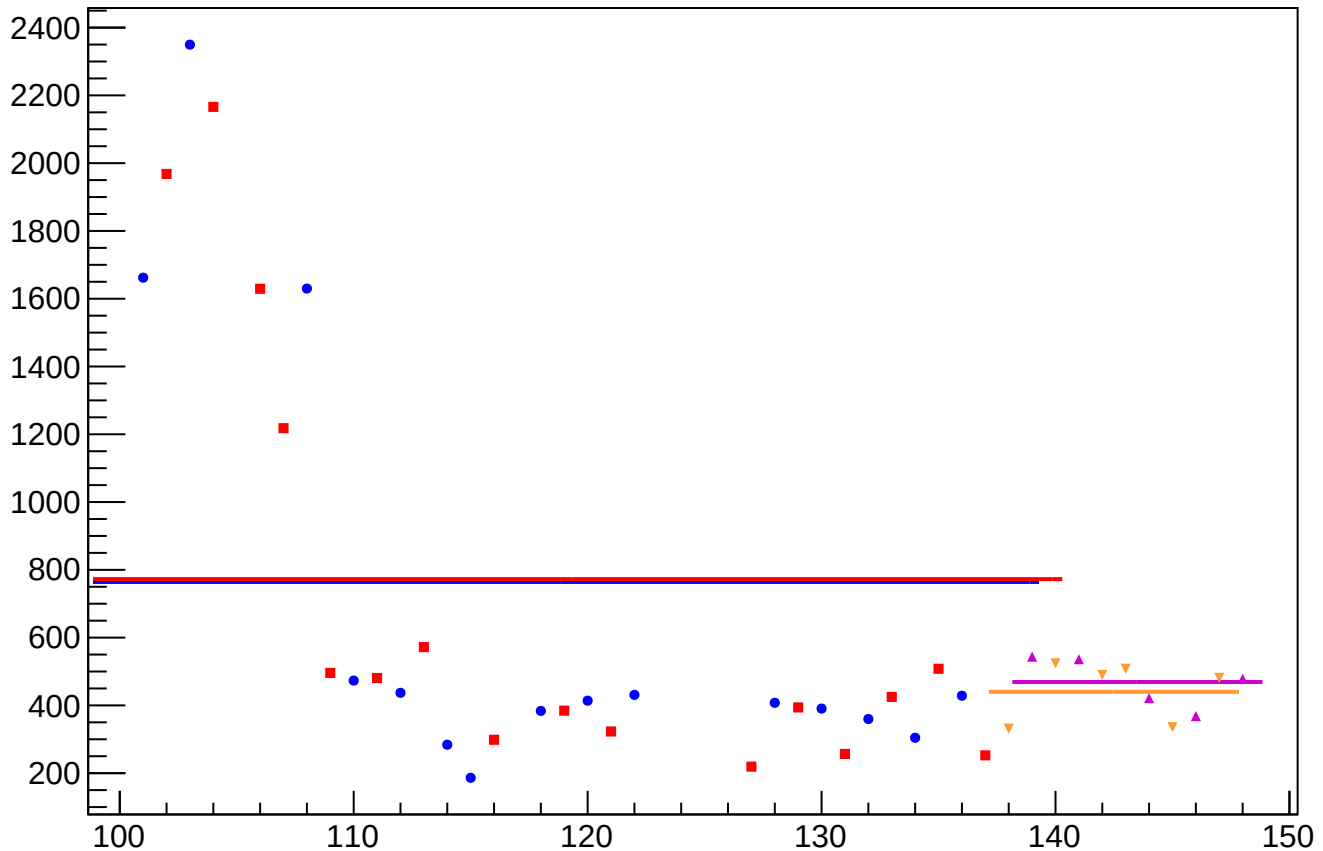
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

dit_sam2_coil3_mean vs Slug



Right In: 9876.530 $\pm$ 0.000 χ^2 /NDF: 8483360287053054122301651905797133697024.0/14
 Left Out: 15422.798 $\pm$ 0.000 χ^2 /NDF: 4785075557858622525540331608409234210816.0/5
 Right Out: 8961.593 $\pm$ 0.000 χ^2 /NDF: 7583728644146461427304320888408335450112.0/15
 Left In: 16547.963 $\pm$ 0.000 χ^2 /NDF: 1839079813561567696418762805949369417728.0/4

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

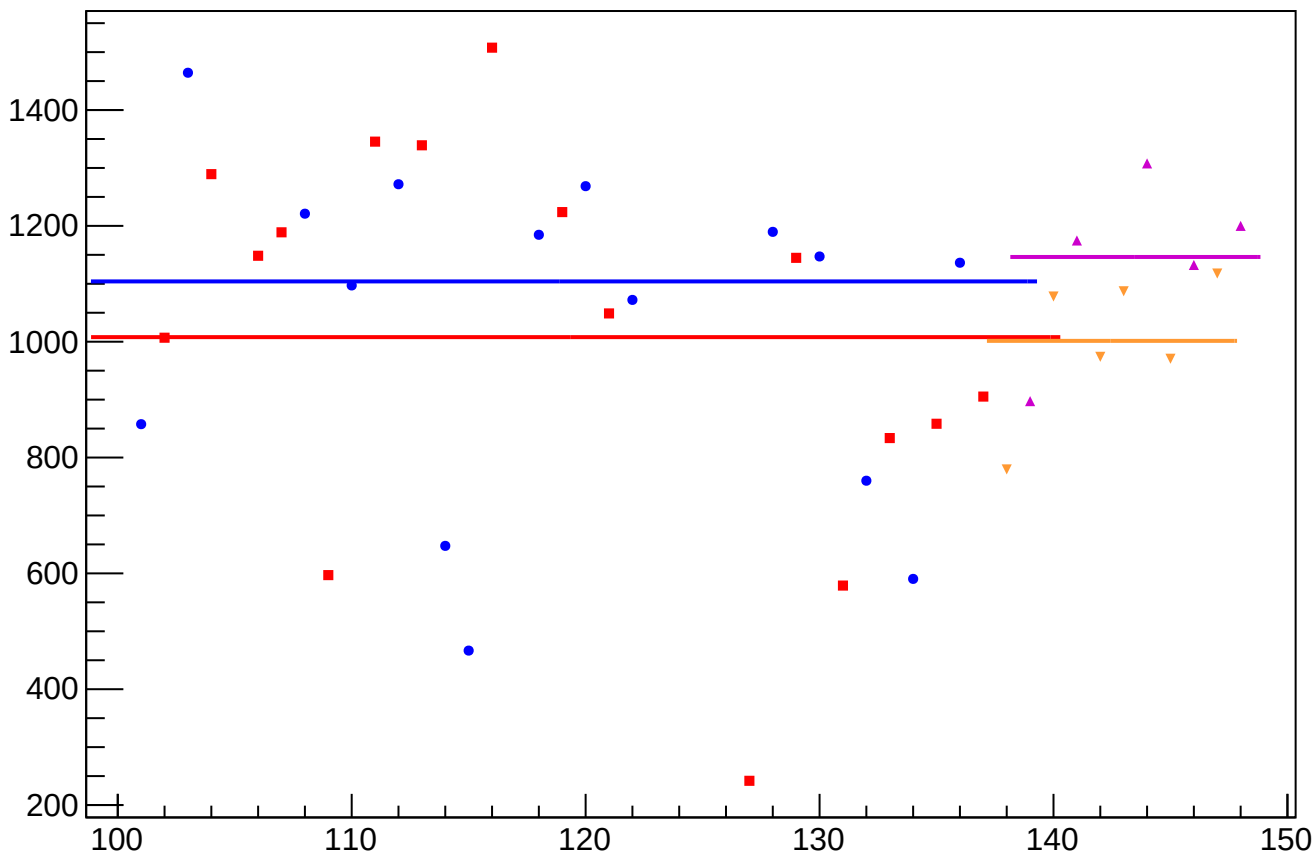
Left In: 469.101+/-0.000 χ^2/NDF : 1888407750141718830731283069570908160.0/4

+ sign 634.712+/-0.000 χ^2/NDF : 321170189618247

All: 644.873+/-0.000 χ^2/NDF : 632982936114

- sign 654.959+/-0.000 χ^2/NDF : 311590364244148

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

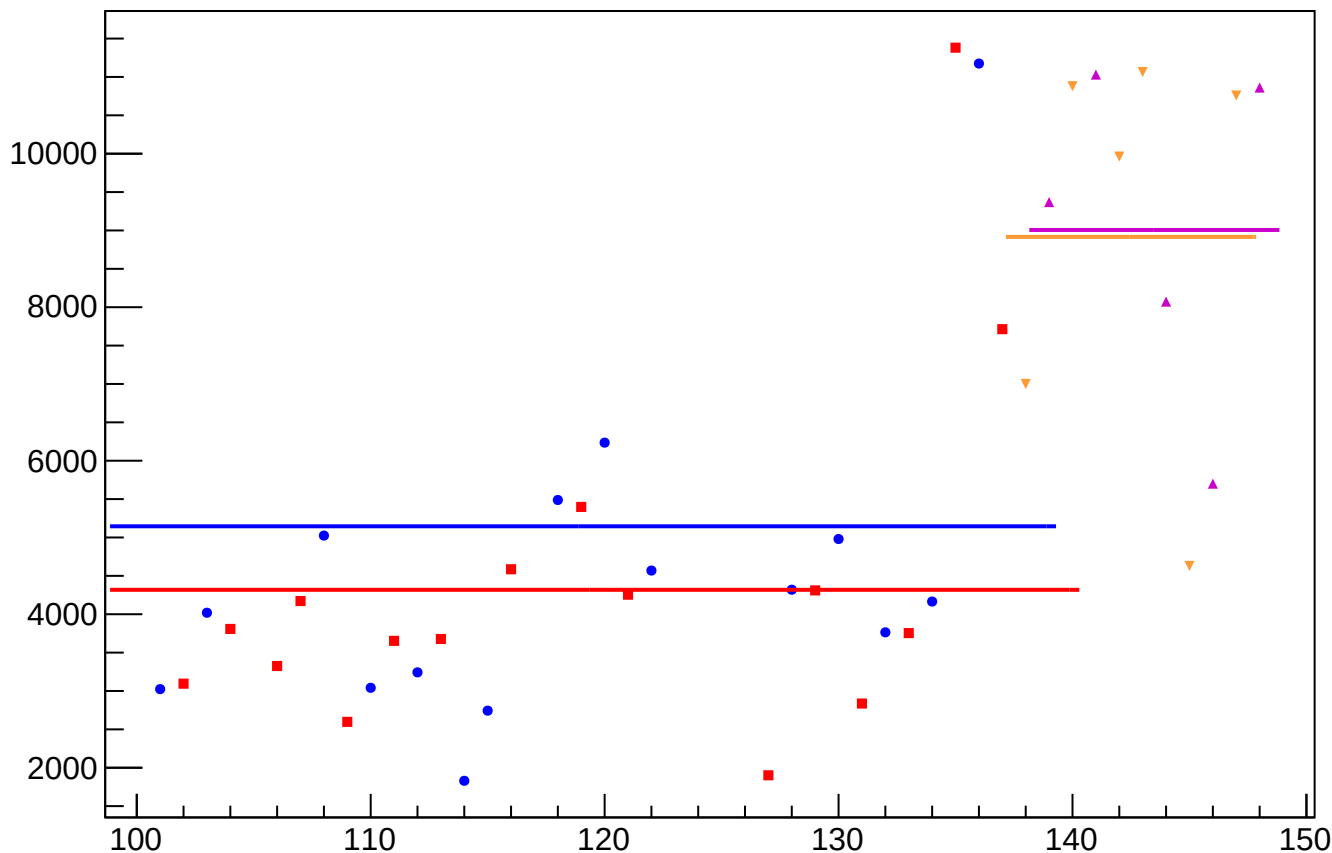
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

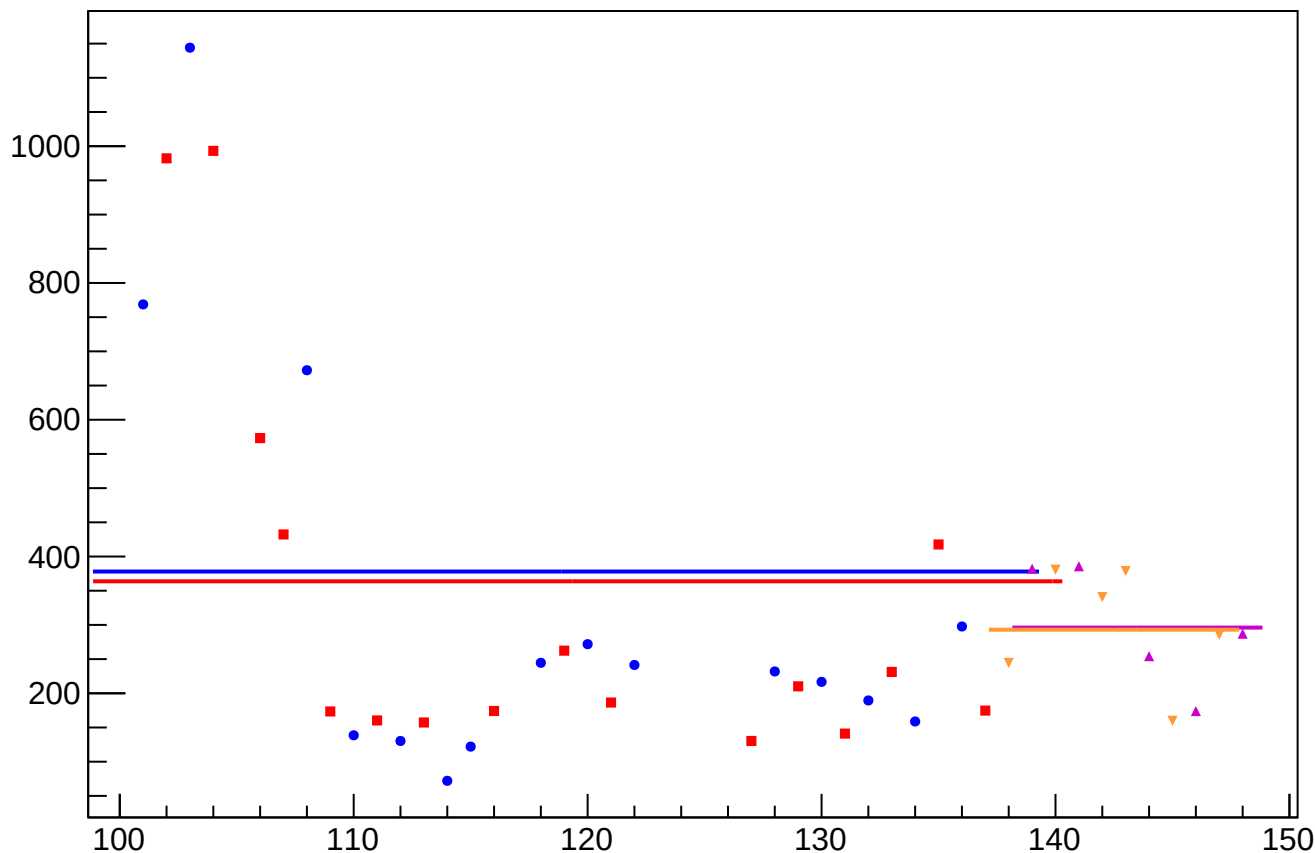
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

dit_sam3_coil3_mean vs Slug



Right In: 5145.657+/-0.000	χ^2/NDF : 4272867262459372237810540195851662262272.0/14	+ sign 6652.470+/-0.000	χ^2/NDF : 10675192633612
Left Out: 8916.177+/-0.000	χ^2/NDF : 2715053129139188807340919513072166502400.0/5	All: 6392.699+/-0.000	χ^2/NDF : 21478959180
Right Out: 4318.126+/-0.000	χ^2/NDF : 3345176554564755427312533888908526616576.0/15	- sign 6134.837+/-0.000	χ^2/NDF : 10658409051148
Left In: 9006.274+/-0.000	χ^2/NDF : 1632387528385095020442893605337680576512.0/4		

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

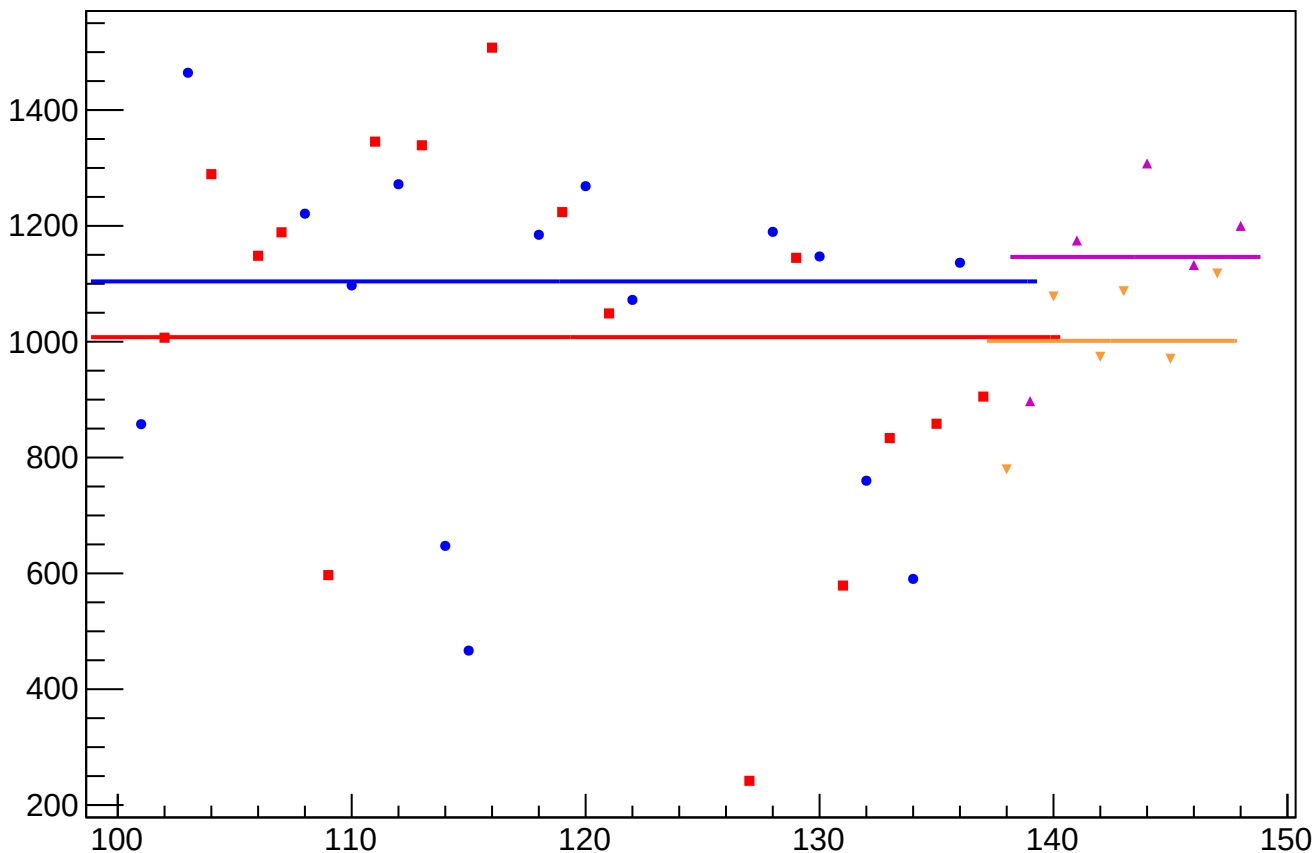
Left In: 296.099 $\pm$ 0.000 χ^2 /NDF: 2682459753340927687891074853401264128.0/4

+ sign 344.047 $\pm$ 0.000 χ^2 /NDF: 662504149031049

All: 340.786 $\pm$ 0.000 χ^2 /NDF: 129170851600

- sign 337.548 $\pm$ 0.000 χ^2 /NDF: 628975228830037

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

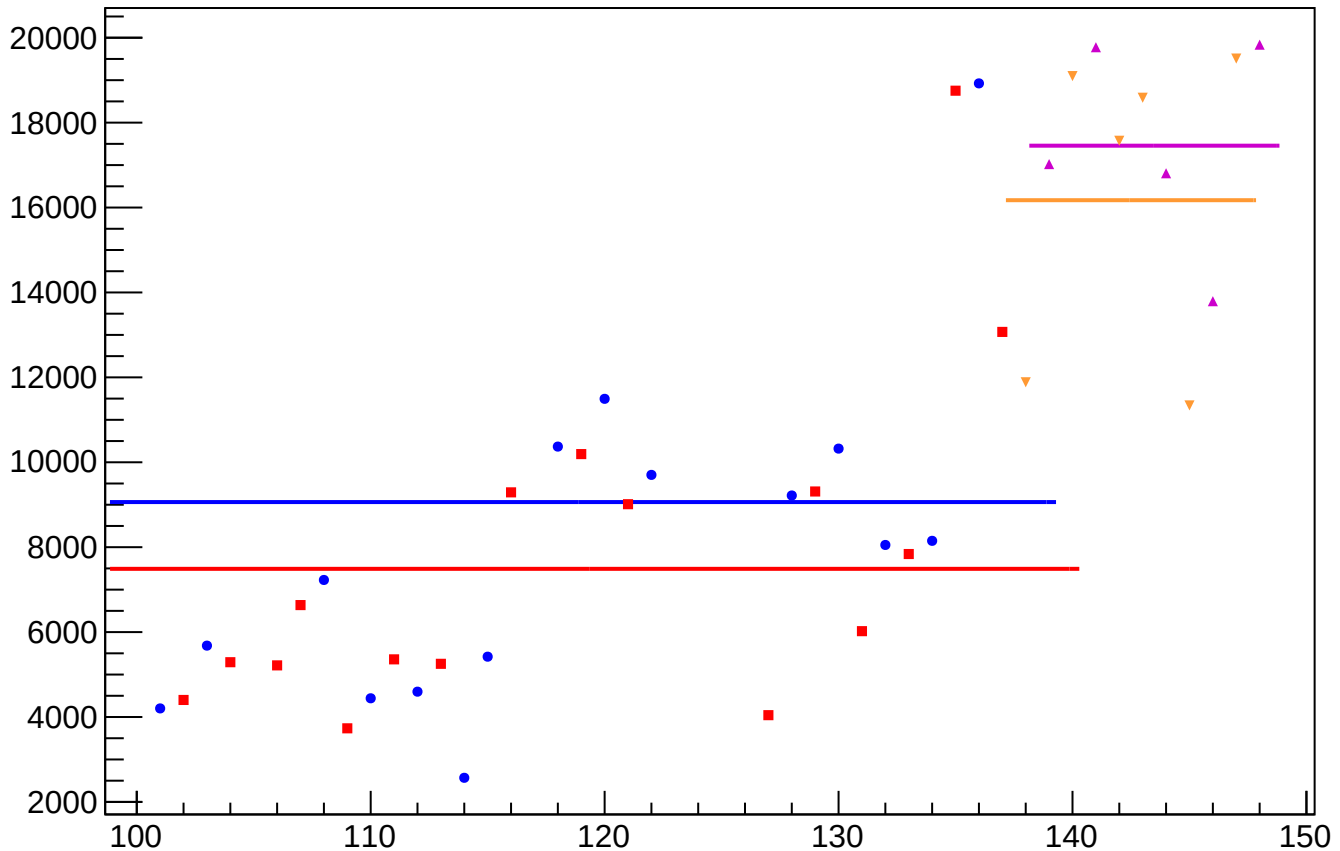
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

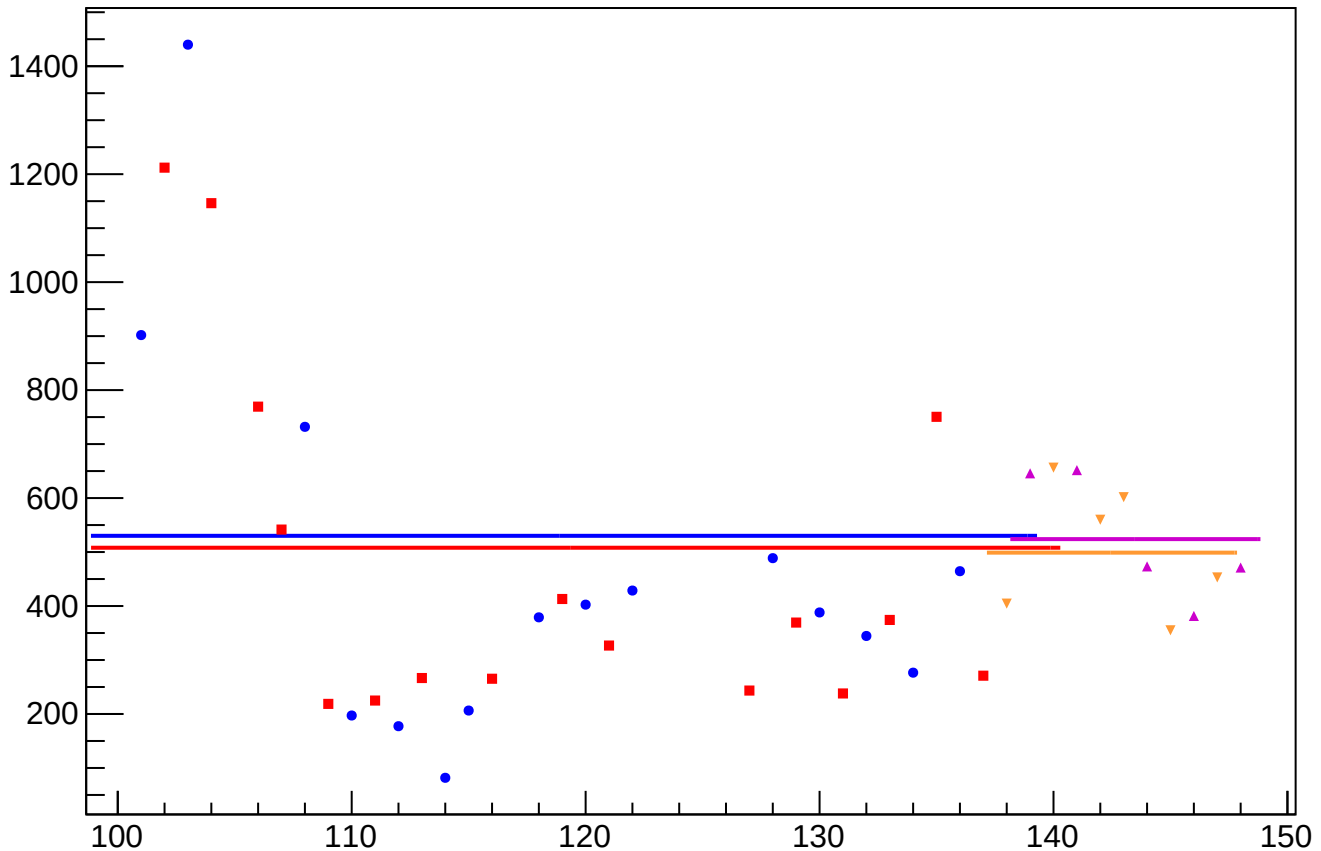
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

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: 17457.136+/-0.000 χ^2/NDF : 2099098151829575134876128895219961692160.0/4

dit_sam4_coil3_err_mean vs Slug



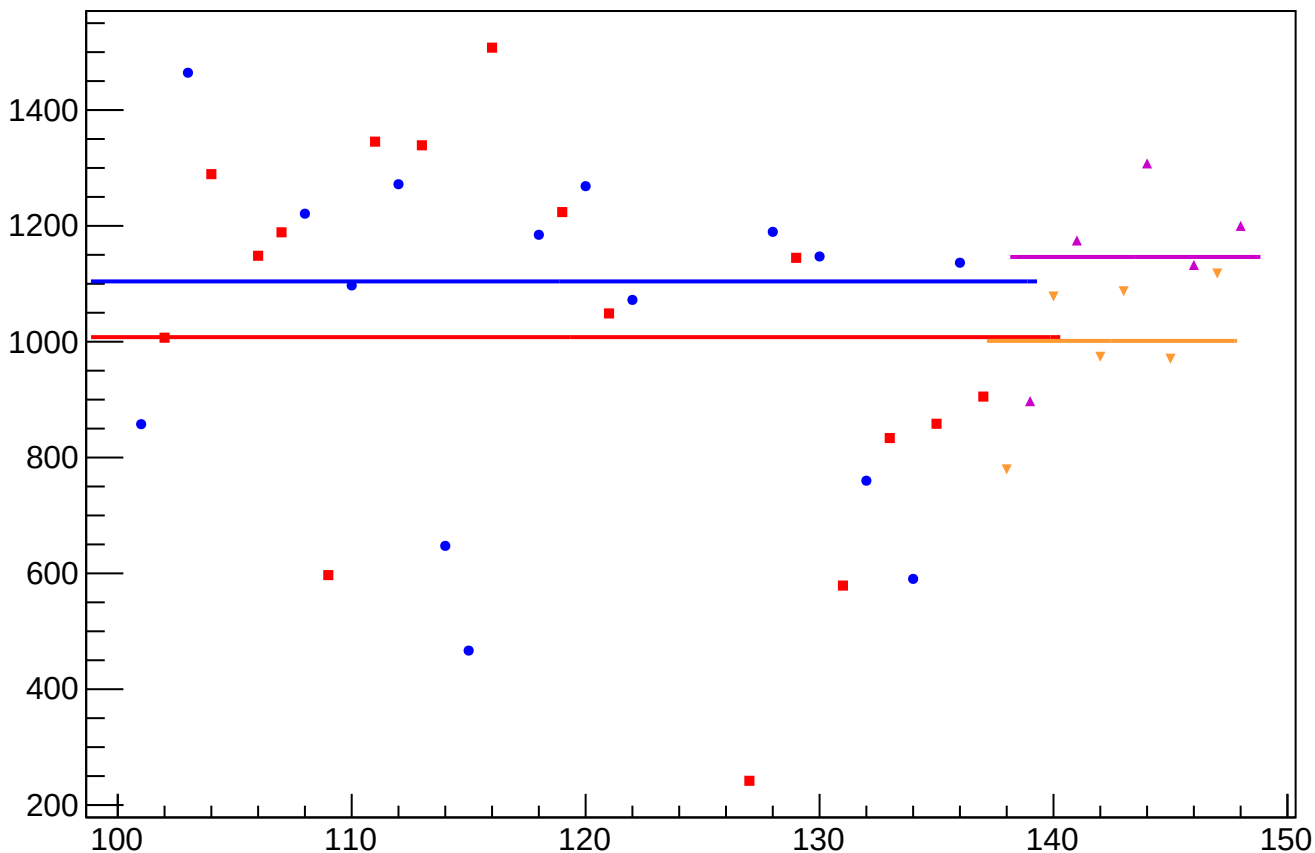
Right In: 530.057+/-0.000 χ^2/NDF : 78754676063063255524046471751880671232.0/14

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: 523.950+/-0.000 χ^2/NDF : 4733142109630558274685853230436450304.0/4

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

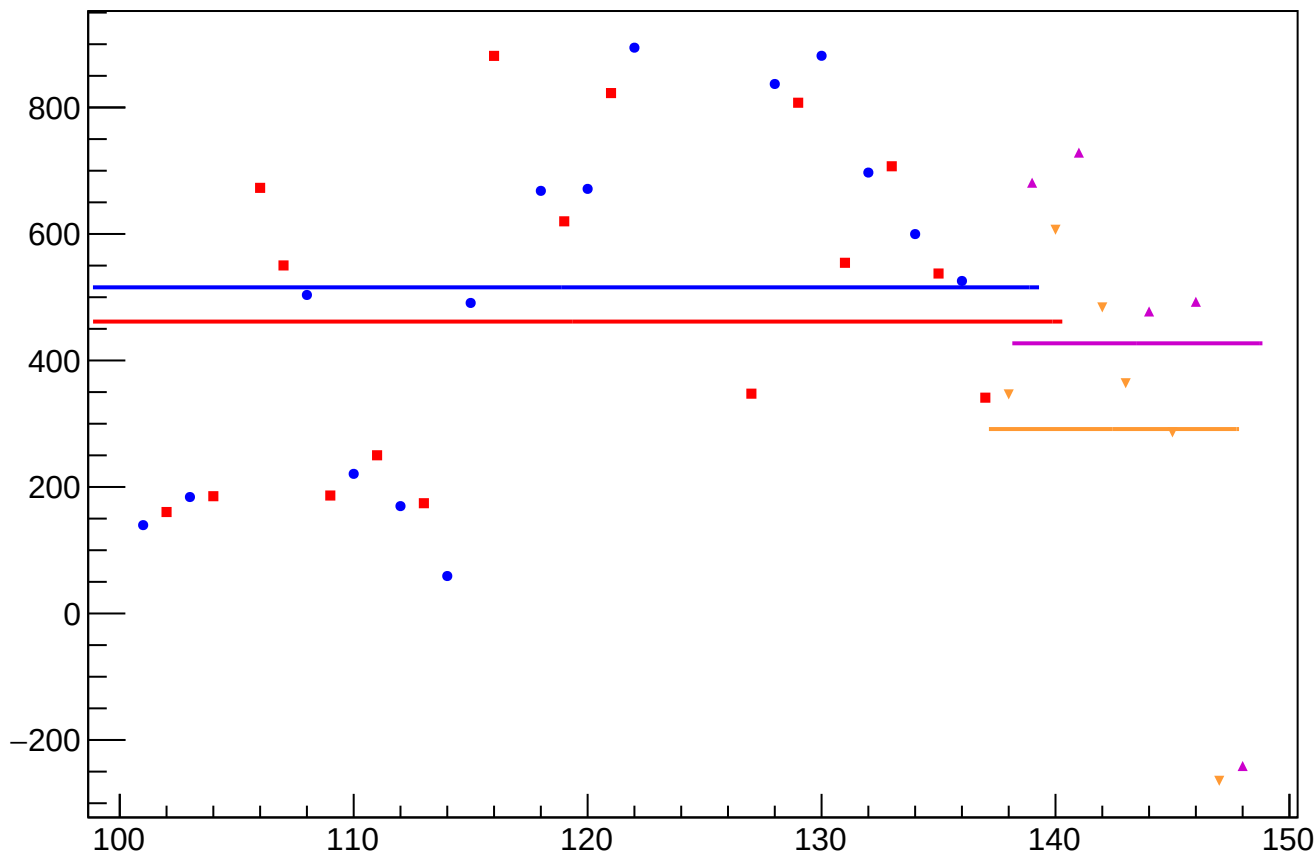
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

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

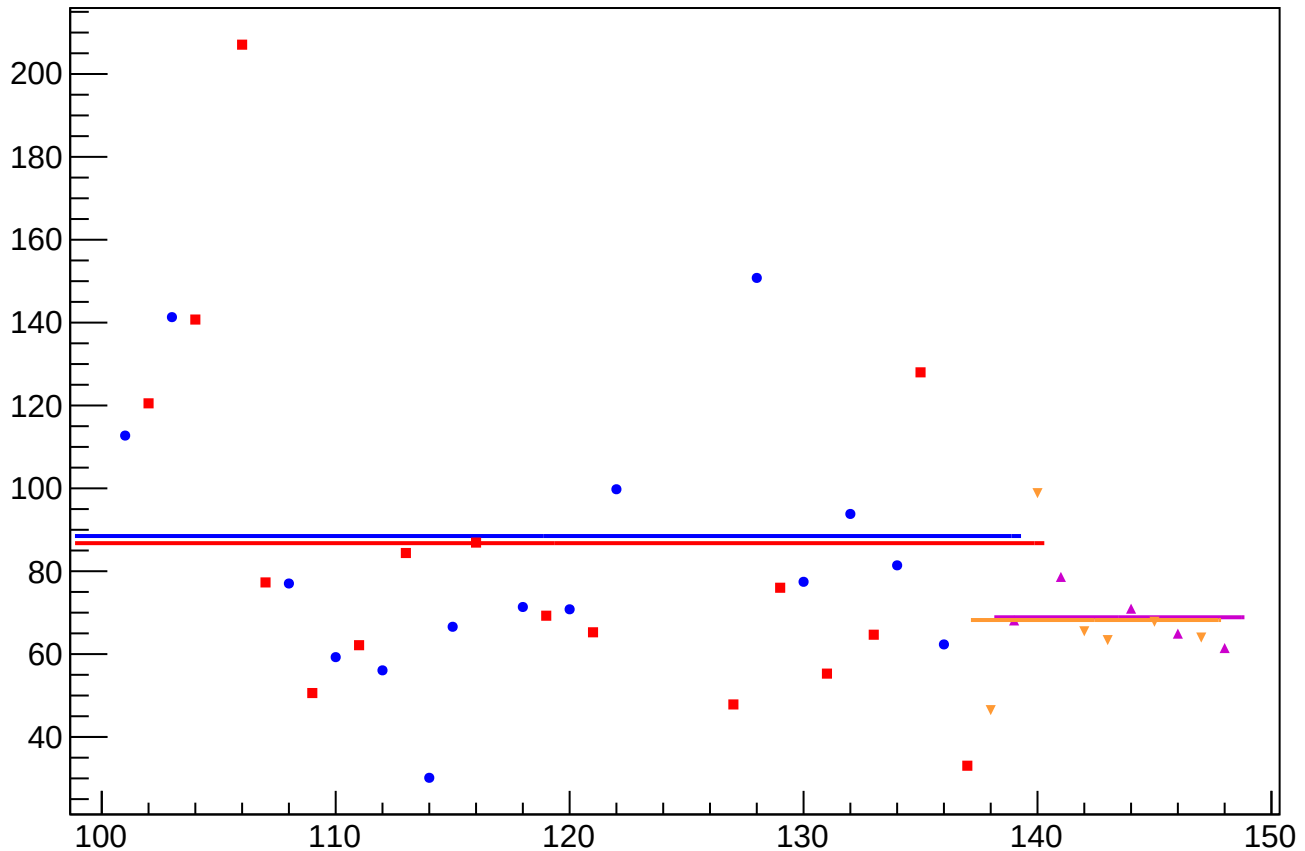
Left In: 427.119+/-0.000 χ^2/NDF : 51047414730270671661997213441325006848.0/4

+ sign 426.099+/-0.000 χ^2/NDF : 960370188687889

All: 437.178+/-0.000 χ^2/NDF : 188128037062

- sign 448.175+/-0.000 χ^2/NDF : 918266285815257

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

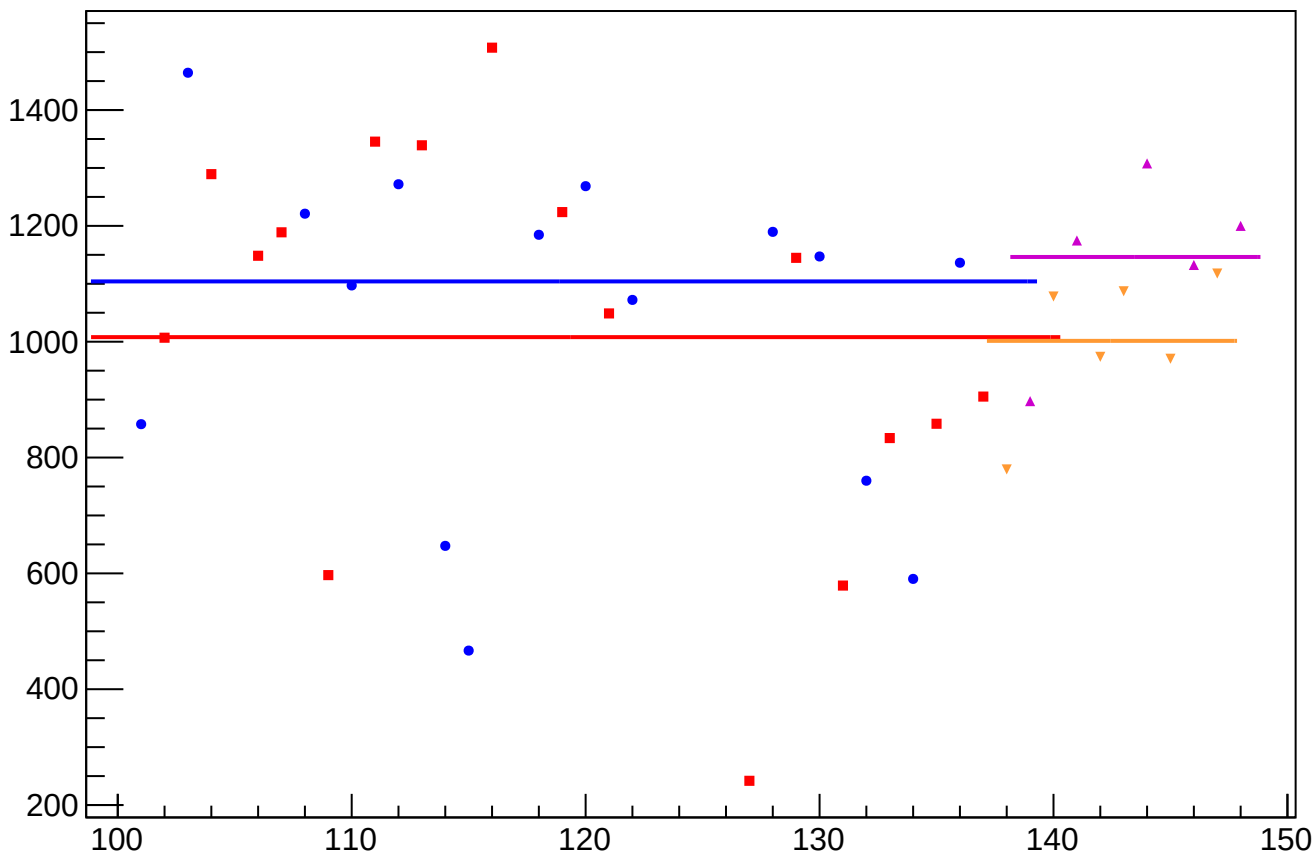
Left In: 68.887+/-0.000 χ^2/NDF : 14422756098006486896993434653949952.0/4

+ sign 80.392+/-0.000 χ^2/NDF : 8668789128254962

All: 80.116+/-0.000 χ^2/NDF : 2023365741868

- sign 79.842+/-0.000 χ^2/NDF : 1156322598664028

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

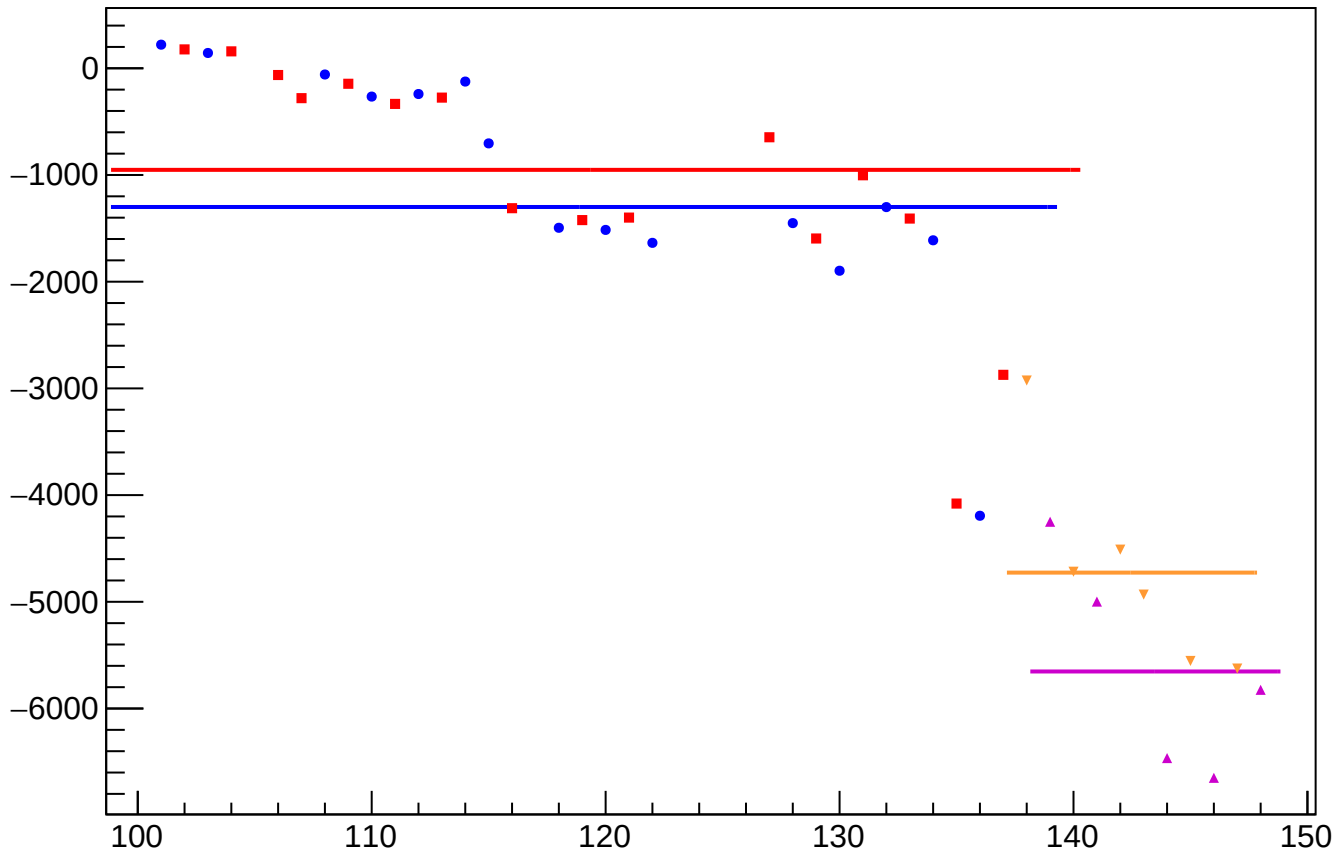
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

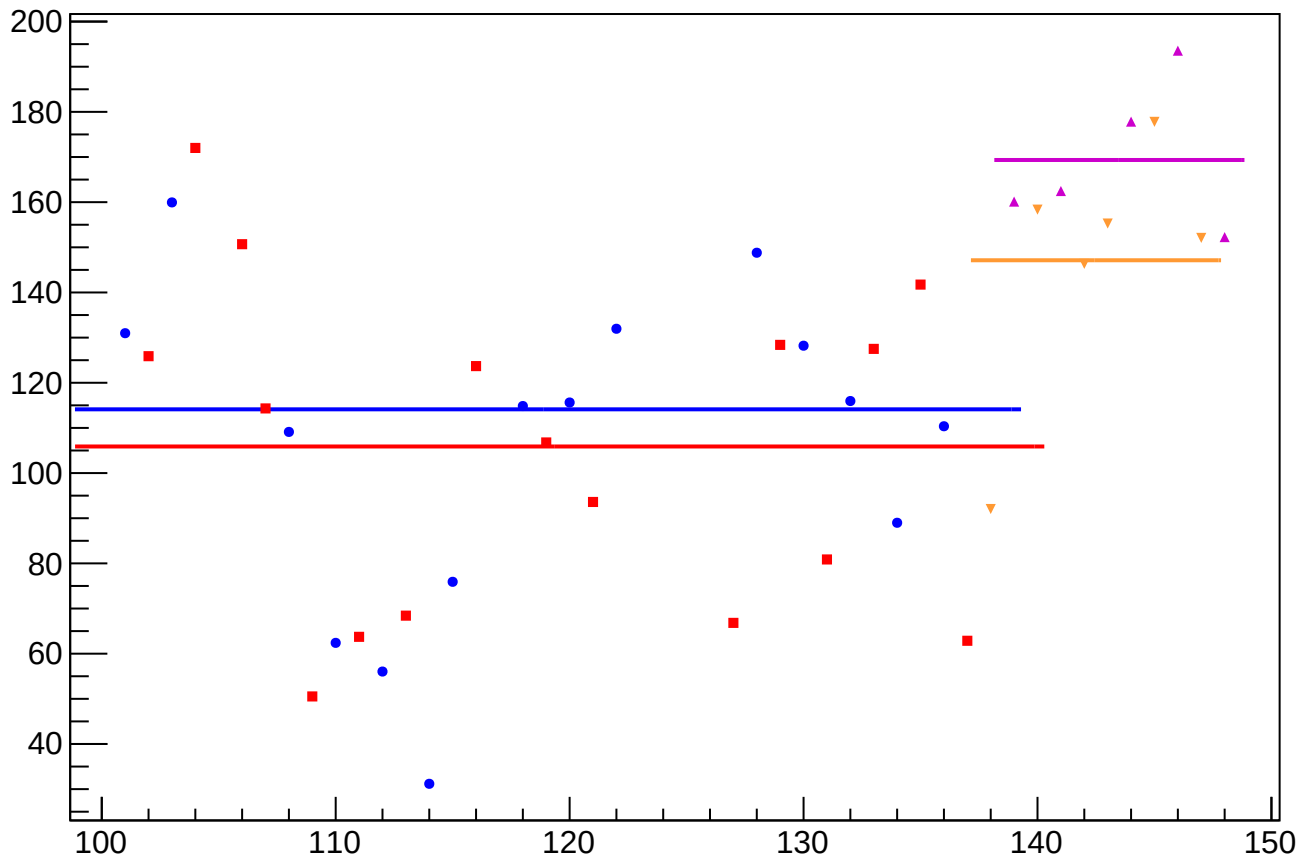
dit_sam6_coil3_mean vs Slug



Right In: -1299.904+/-0.000	χ^2/NDF : 1199649252163216367086408691577524322304.0/14
Left Out: -4726.328+/-0.000	χ^2/NDF : 376349099766335894749278093373647880192.0/5
Right Out: -951.903+/-0.000	χ^2/NDF : 841314696863657044174468284217089327104.0/15
Left In: -5652.871+/-0.000	χ^2/NDF : 339445456953277423341573845084209676288.0/4

+ sign -2669.205+/-0.000 χ^2/NDF : 4620981792975
 All: -2721.586+/-0.000 χ^2/NDF : 1151960883
 - sign -2773.582+/-0.000 χ^2/NDF : 68927168683206

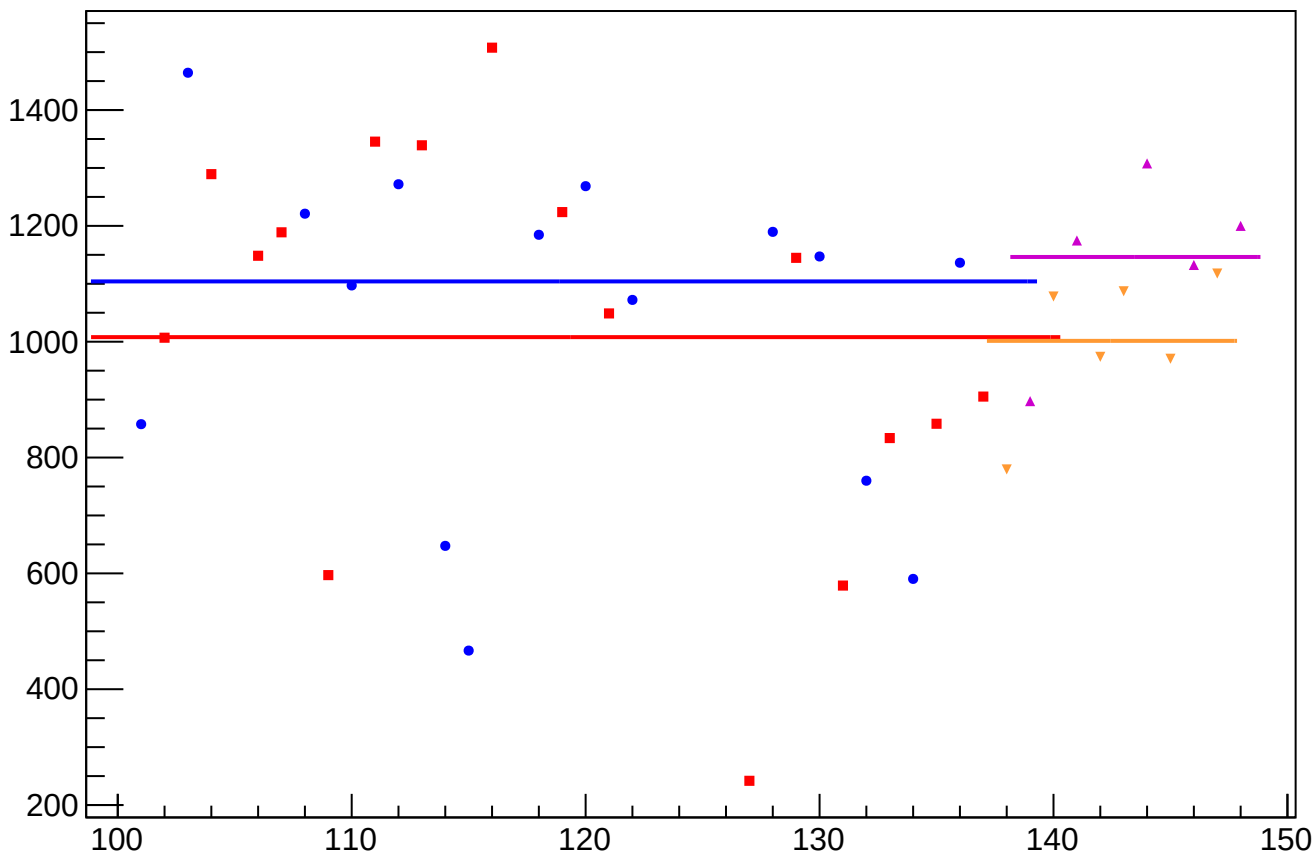
dit_sam6_coil3_err_mean vs Slug



Right In: 114.118+/-0.000	χ^2/NDF : 607226770891525118881736460452495360.0/14
Left Out: 147.133+/-0.000	χ^2/NDF : 329544528148057971591320531460161536.0/5
Right Out: 105.890+/-0.000	χ^2/NDF : 851861355270591521058611007535972352.0/15
Left In: 169.343+/-0.000	χ^2/NDF : 90471803434054546682937121668333568.0/4

+ sign 127.312+/-0.000 χ^2/NDF : 121946568330794
 All: 128.901+/-0.000 χ^2/NDF : 320792561218
 - sign 130.478+/-0.000 χ^2/NDF : 198301909136683

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

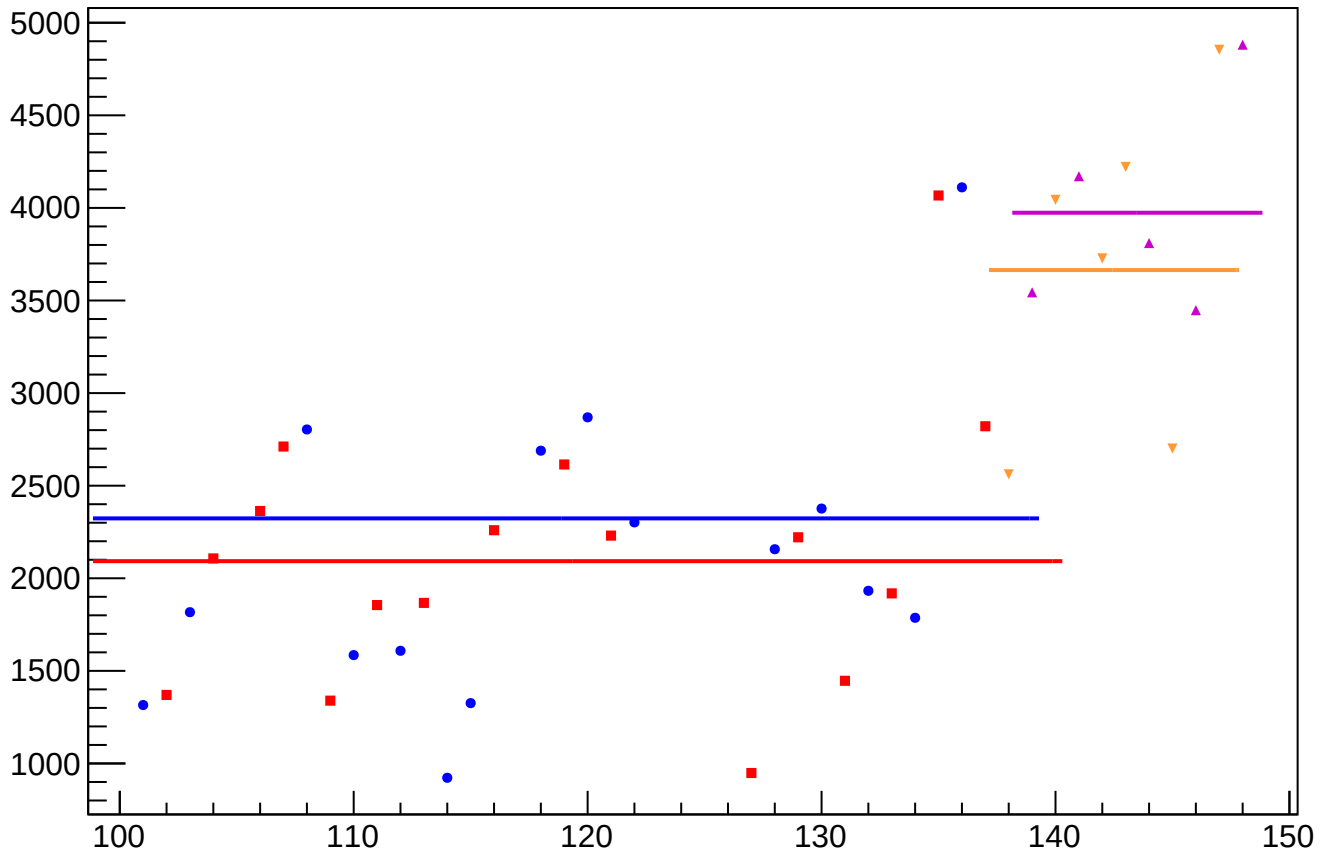
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

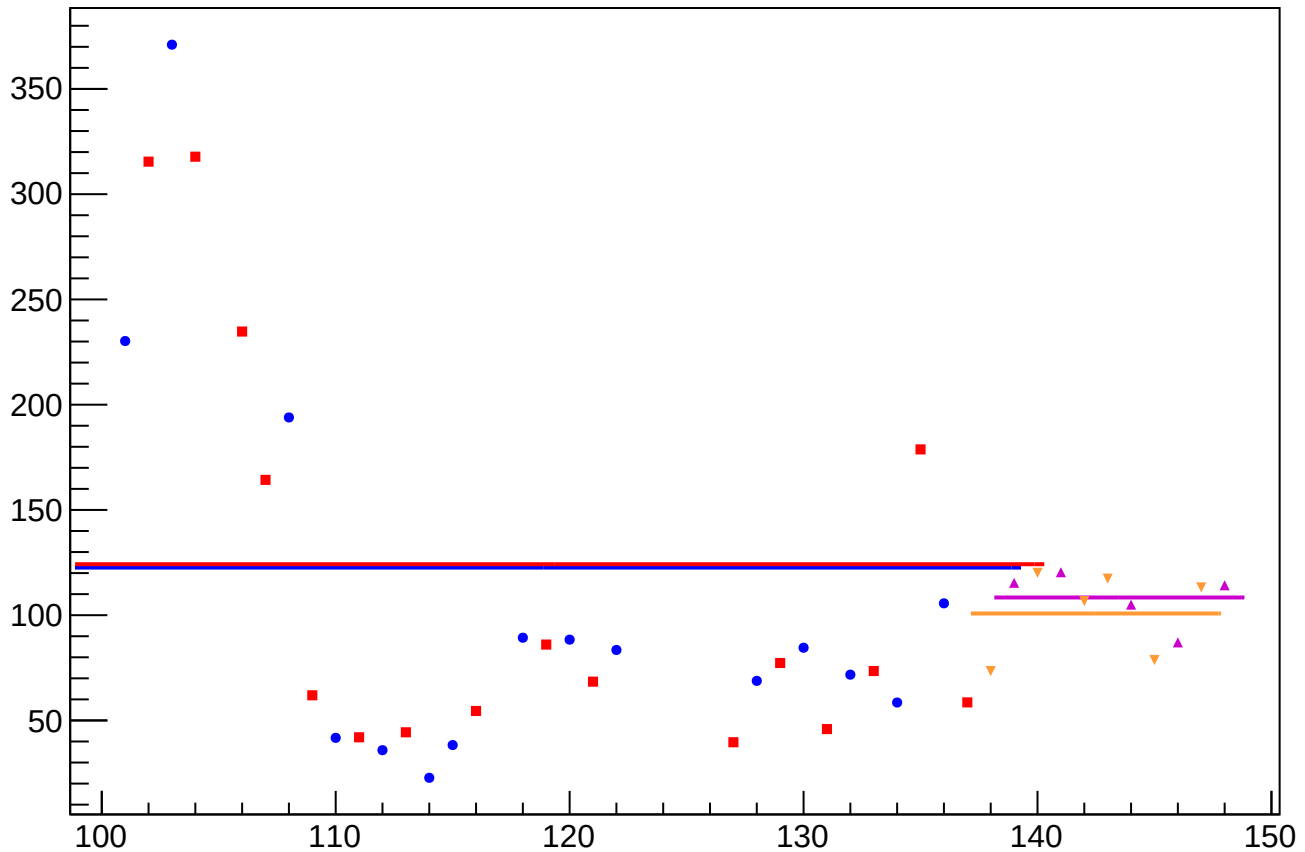
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

dit_sam7_coil3_mean vs Slug



Right In: 2323.372+/-0.000	χ^2/NDF : 476371189888349375964725620757728591872.0/14	+ sign 2859.320+/-0.000	χ^2/NDF : 12560943358158
Left Out: 3664.483+/-0.000	χ^2/NDF : 313243881557557433133513862515158679552.0/5	All: 2840.359+/-0.000	χ^2/NDF : 26517297786
Right Out: 2092.458+/-0.000	χ^2/NDF : 367126080872166122663684022473339174912.0/15	- sign 2821.537+/-0.000	χ^2/NDF : 13948610010569
Left In: 3973.897+/-0.000	χ^2/NDF : 112799277024162057306720028866618851328.0/4		

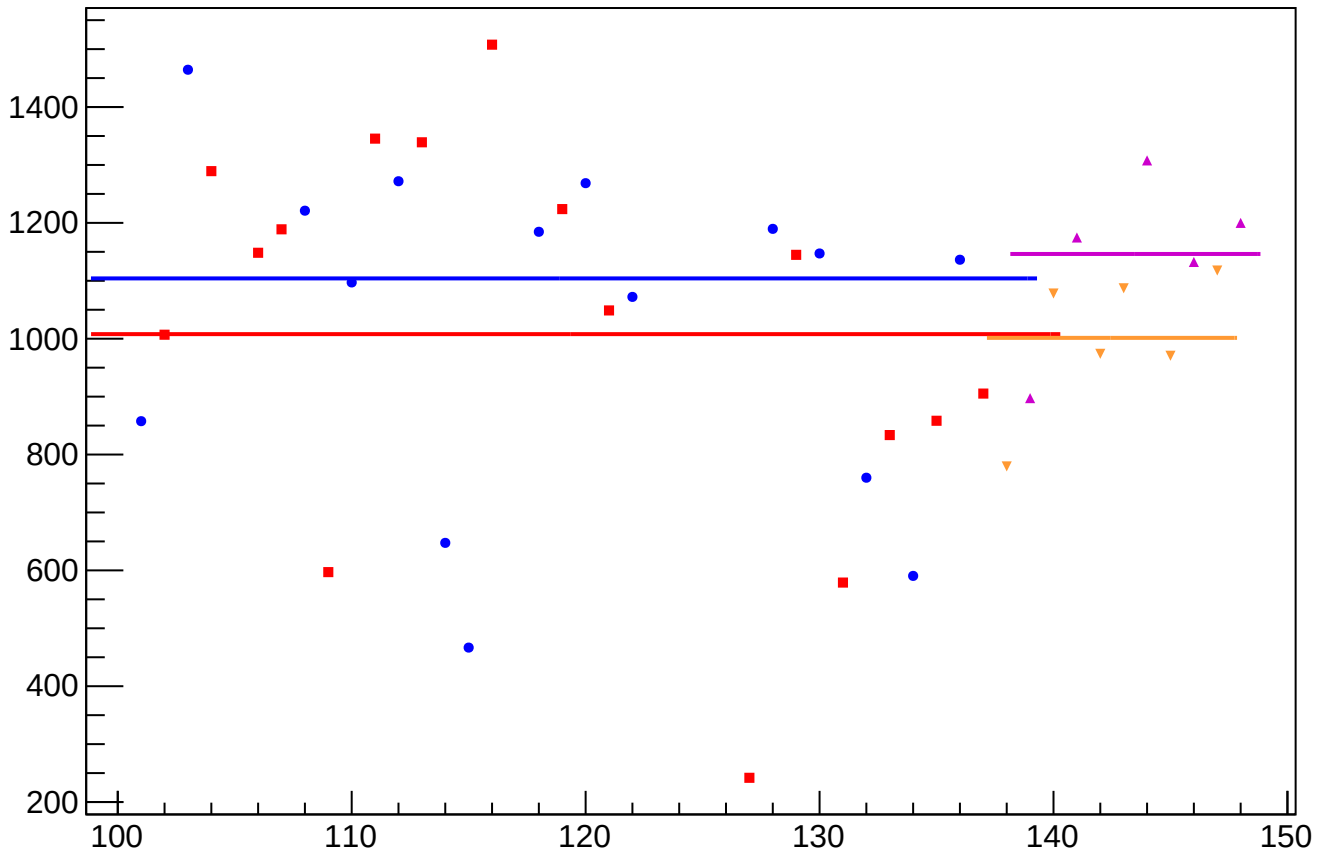
dit_sam7_coil3_err_mean vs Slug



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: 108.417+/-0.000	χ^2/NDF : 57799650801540603491587188672430080.0/4

+ sign 113.904+/-0.000 χ^2/NDF : 622154224455744.0/14
 All: 116.007+/-0.000 χ^2/NDF : 129030108078.0/15
 - sign 118.094+/-0.000 χ^2/NDF : 667194482839299.0/14

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

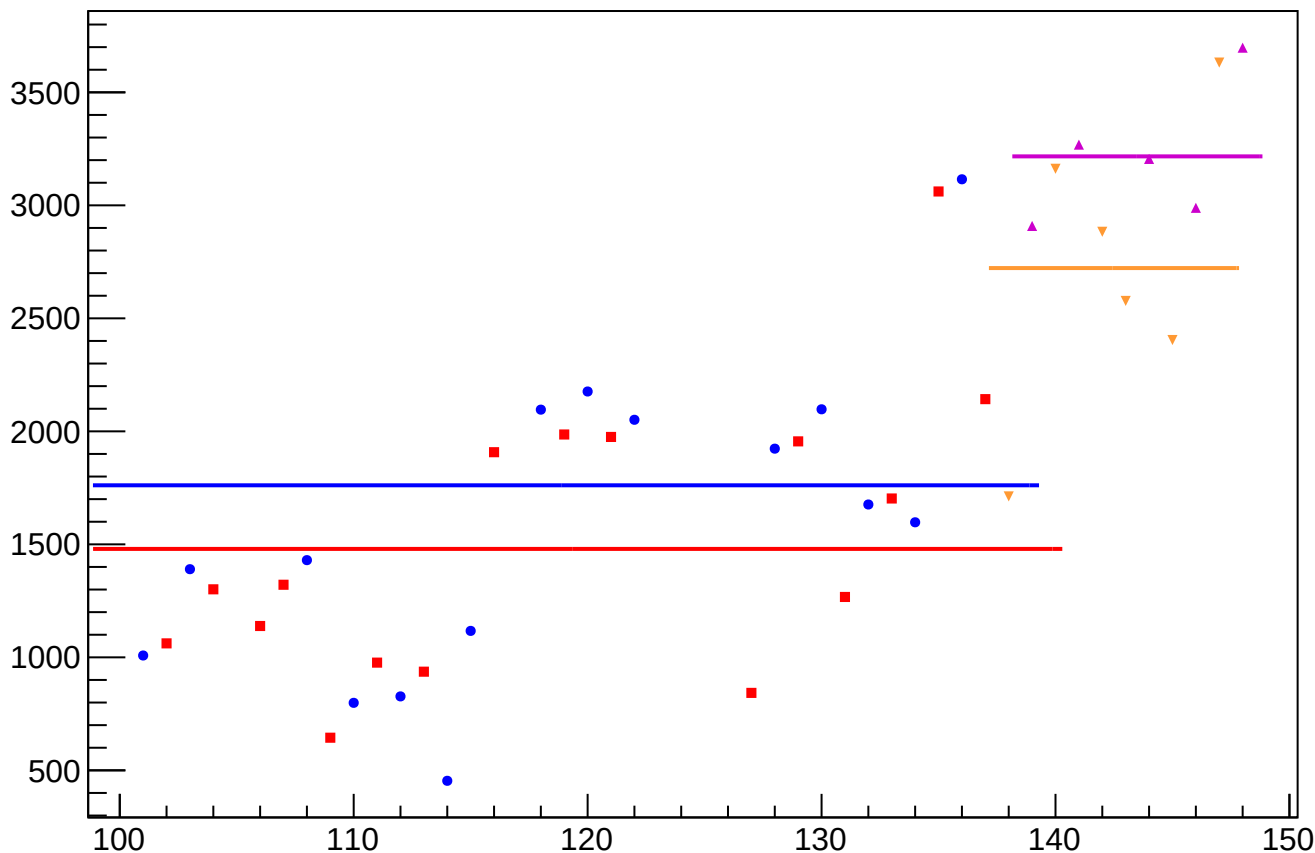
Left In: 1146.318+/-0.000 χ^2/NDF : 7667838085018963465489236626497339392.0/4

+ sign 1063.091+/-0.000 χ^2/NDF : 41452248914920

All: 1062.313+/-0.000 χ^2/NDF : 12315100630

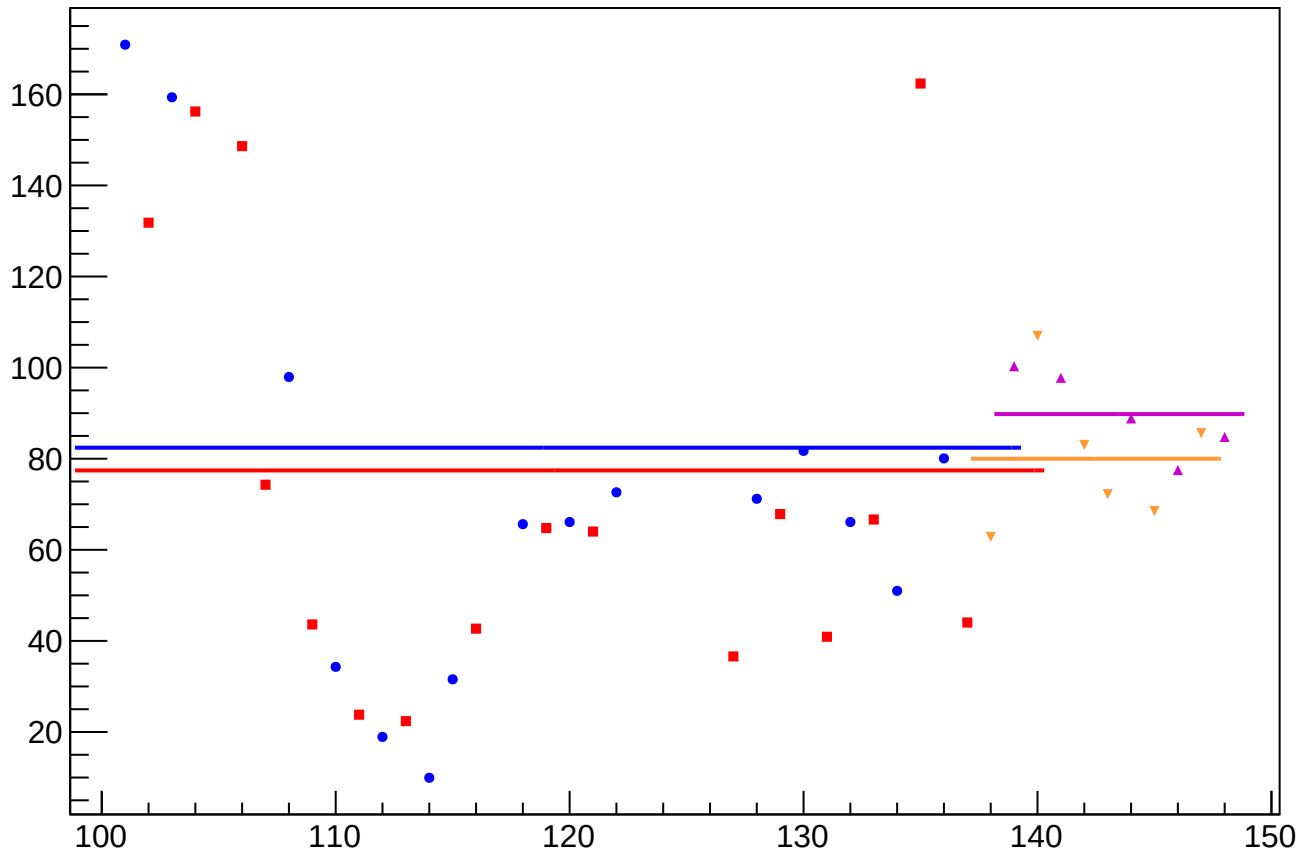
- sign 1061.542+/-0.000 χ^2/NDF : 81697455944124

dit_sam8_coil3_mean vs Slug



Right In: 1761.245+/-0.000 χ^2/NDF : 332206925976055306953064744993096204288.0/14
 Left Out: 2722.437+/-0.000 χ^2/NDF : 170748931729614046247489470673396432896.0/5
 Right Out: 1479.801+/-0.000 χ^2/NDF : 263467768134780968832551238609236131840.0/15
 Left In: 3216.673+/-0.000 χ^2/NDF : 31645939565944419914335034045758439424.0/4

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

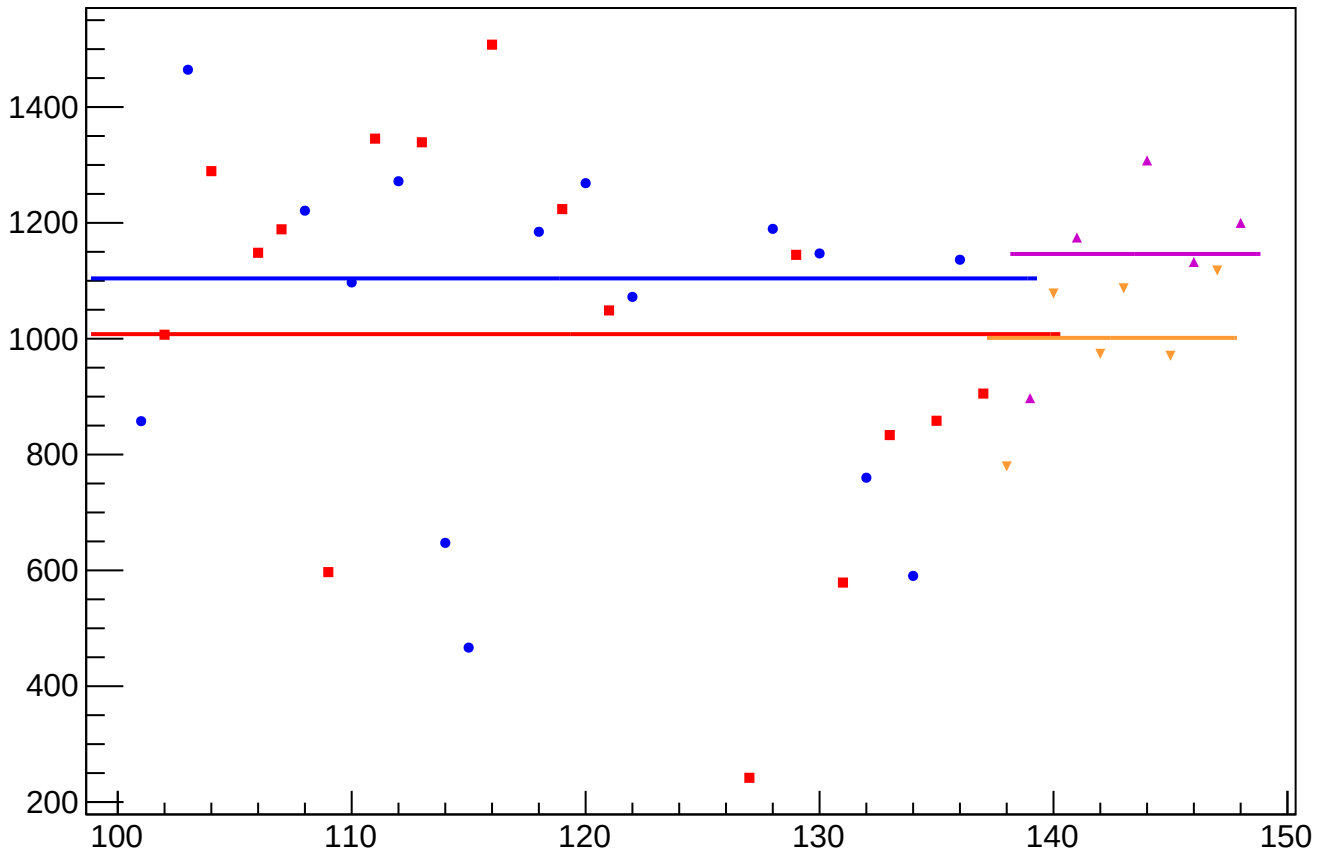
Left In: 89.805+/-0.000 χ^2/NDF : 29036905333701945130057394619940864.0/4

+ sign 81.451+/-0.000 χ^2/NDF : 1365547350655472

All: 81.840+/-0.000 χ^2/NDF : 2949949915395

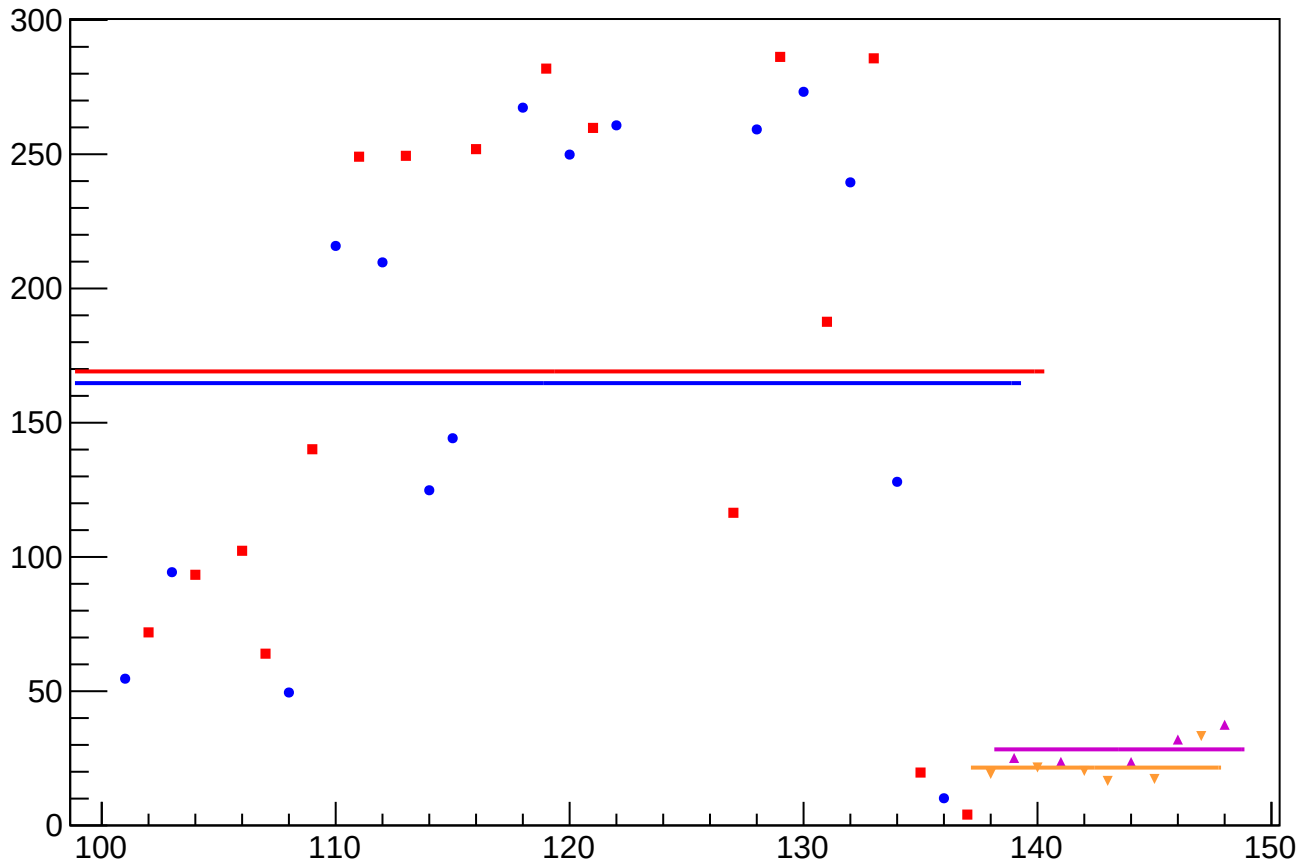
- sign 82.226+/-0.000 χ^2/NDF : 1584077350160023

dit_sam8_coil3_Ndata_mean vs Slug



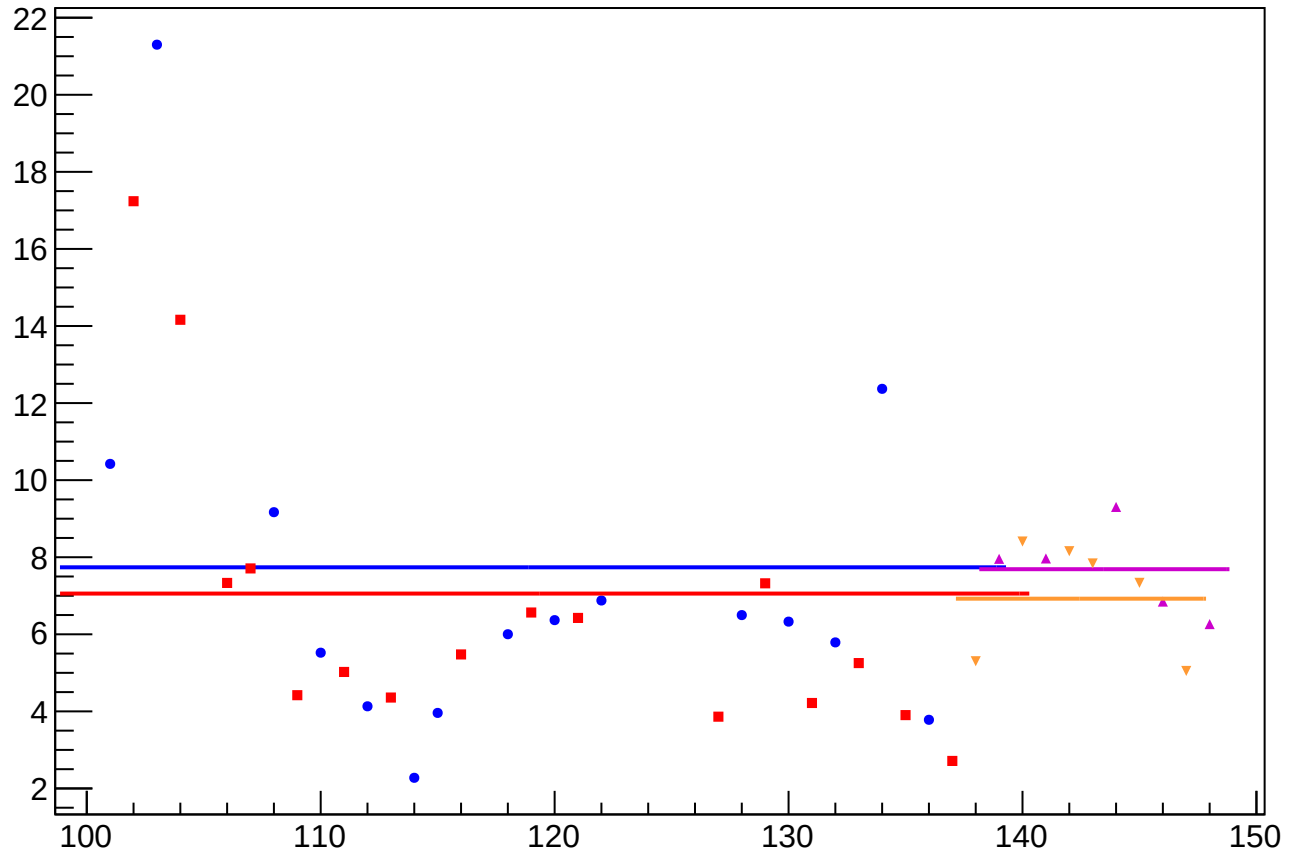
Right In: 1104.111+/-0.000	χ^2/NDF : 32737841591587454251521906421545304064.0/14	+ sign 1063.091+/-0.000	χ^2/NDF : 41452248914920
Left Out: 1001.465+/-0.000	χ^2/NDF : 5981757699192272374348215836938862592.0/5	All: 1062.313+/-0.000	χ^2/NDF : 12315100630
Right Out: 1007.906+/-0.000	χ^2/NDF : 69077878009873965622695939627477368832.0/15	- sign 1061.542+/-0.000	χ^2/NDF : 81697455944124
Left In: 1146.318+/-0.000	χ^2/NDF : 7667838085018963465489236626497339392.0/4		

dit_4aX_coil7_mean vs Slug



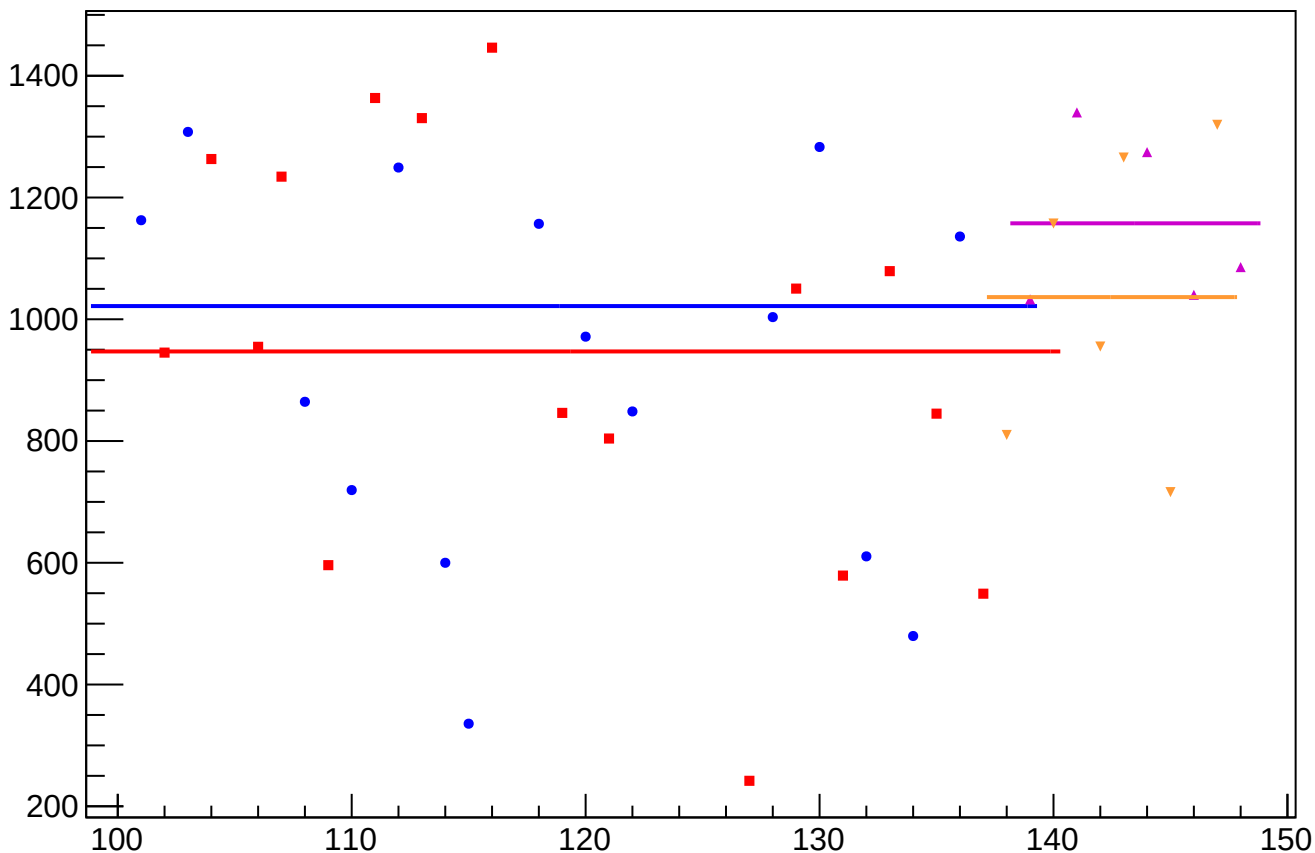
Right In: 164.752 $\pm$ 0.000 χ^2 /NDF: 6369828943181833917425699916554960896.0/14
 Left Out: 21.550 $\pm$ 0.000 χ^2 /NDF: 14361970553909706717496194470248448.0/5
 Right Out: 169.108 $\pm$ 0.000 χ^2 /NDF: 6040721802042936822766910687819071488.0/15
 Left In: 28.339 $\pm$ 0.000 χ^2 /NDF: 12845493589064993042178333745348608.0/4
 All: 111.054 $\pm$ 0.000 χ^2 /NDF: 22905007184.0/15
 + sign 107.524 $\pm$ 0.000 χ^2 /NDF: 117028184006836.0/15
 - sign 114.558 $\pm$ 0.000 χ^2 /NDF: 111753468401963.0/15

dit_4aX_coil7_err_mean vs Slug



Right In: 7.738 ± 0.000 χ^2/NDF : 15127215479234506007469492768079872.0/14
 Left Out: 6.924 ± 0.000 χ^2/NDF : 799938773123676891106590639259648.0/5
 Right Out: 7.057 ± 0.000 χ^2/NDF : 11292441204139394792341242753581056.0/15
 Left In: 7.689 ± 0.000 χ^2/NDF : 473858677135349616702189901709312.0/4

dit_4aX_coil7_Ndata_mean vs Slug



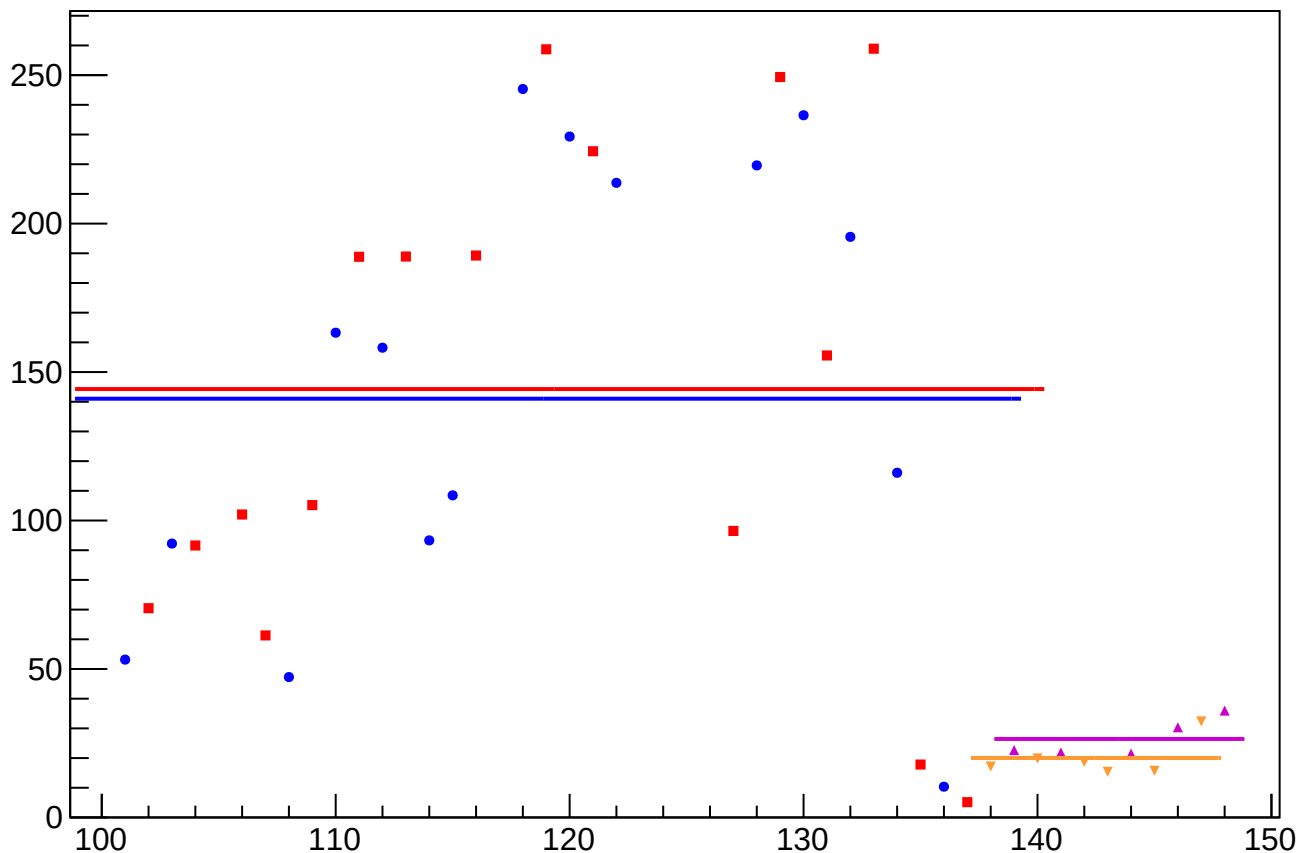
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1028.140+/-0.000 χ^2/NDF : 15024901080

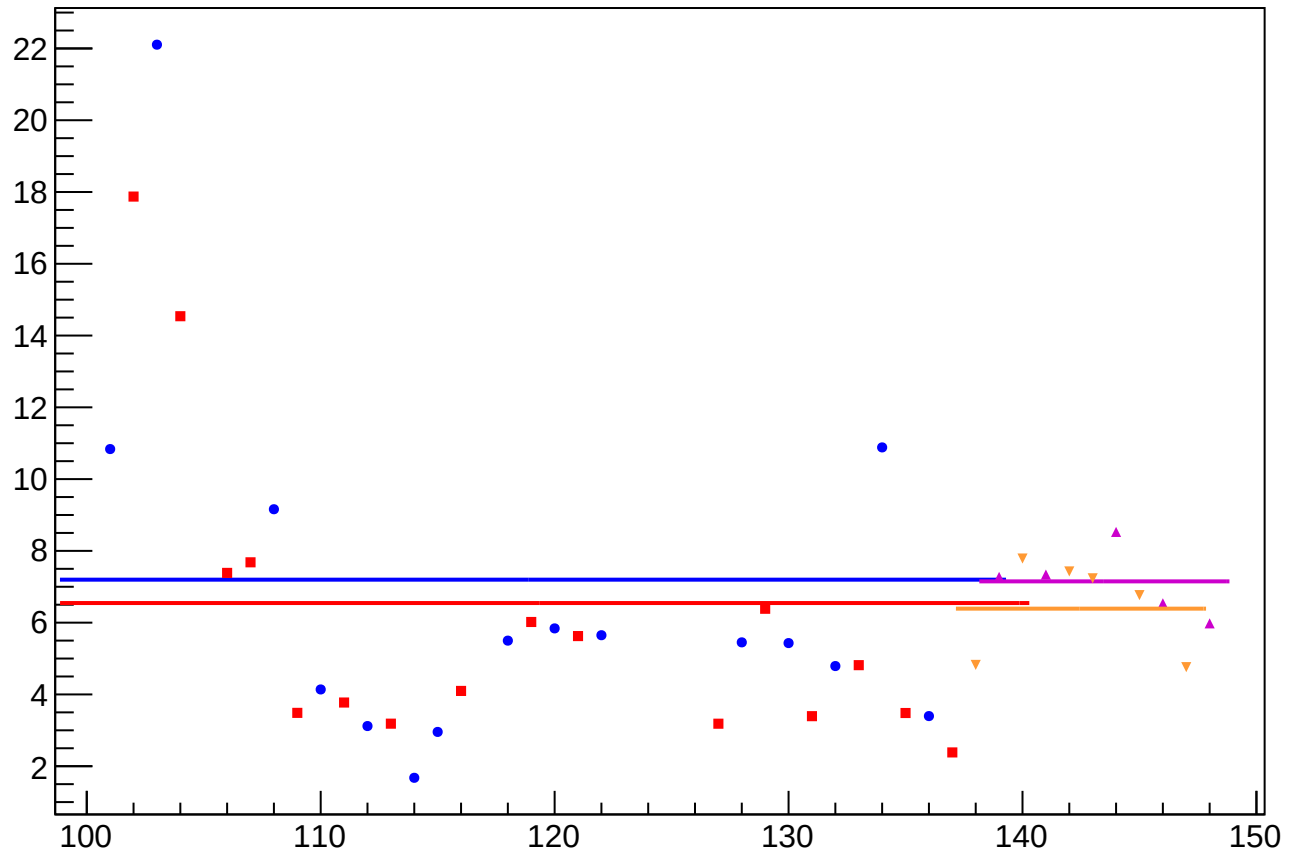
- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

dit_4eX_coil7_mean vs Slug



Right In: 141.032+/-0.000 χ^2/NDF : 4507992585512923332587415612245934080.0/14
 Left Out: 20.031+/-0.000 χ^2/NDF : 15538810263823820044618964215529472.0/5
 Right Out: 144.283+/-0.000 χ^2/NDF : 4268333571517740886065361663928827904.0/15
 Left In: 26.439+/-0.000 χ^2/NDF : 14024225498136385708268444828303360.0/4
 + sign 92.676+/-0.000 χ^2/NDF : 8320835396448644
 All: 95.658+/-0.000 χ^2/NDF : 1621177907923
 - sign 98.617+/-0.000 χ^2/NDF : 7871797726395875

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

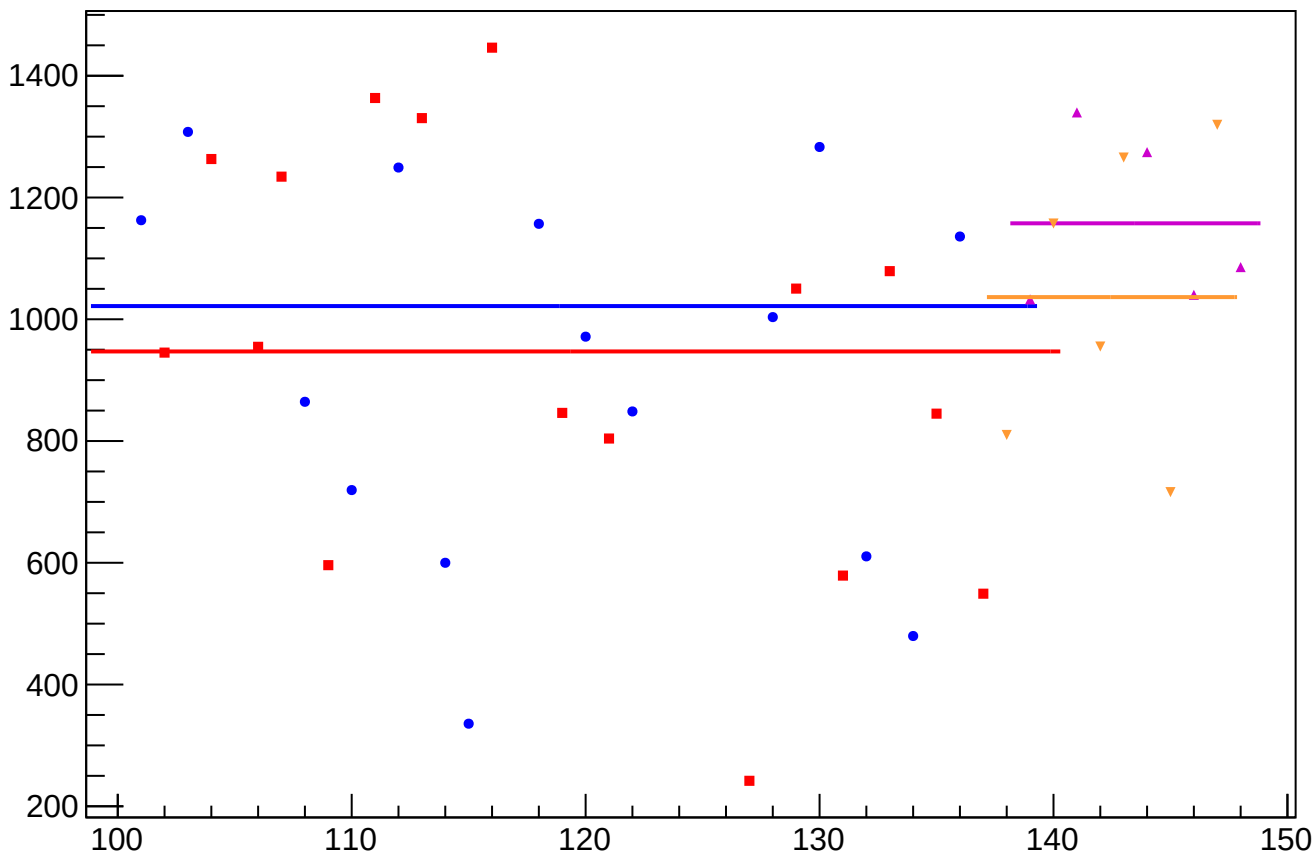
Left In: 7.150+/-0.000 χ^2/NDF : 319378565559816169754702624325632.0/4

+ sign 6.875+/-0.000 χ^2/NDF : 19049603775560235

All: 6.828+/-0.000 χ^2/NDF : 33546938122569

- sign 6.781+/-0.000 χ^2/NDF : 14492485604940465

dit_4eX_coil7_Ndata_mean vs Slug



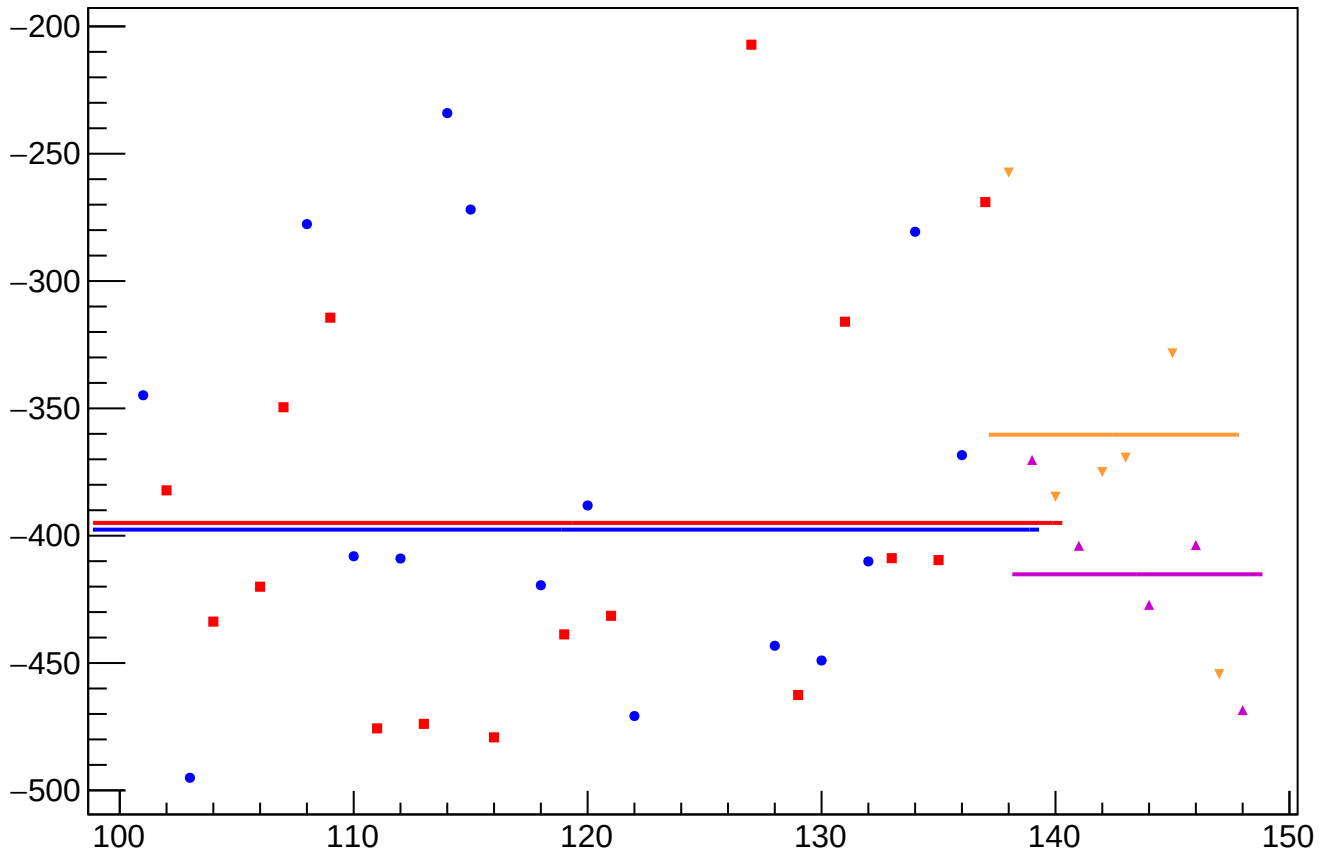
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1028.140+/-0.000 χ^2/NDF : 15024901080

- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

dit_11X12X_coil7_mean vs Slug



Right In: -397.613+/-0.000 χ^2/NDF : 2661280785384633207096106229474263040.0/14

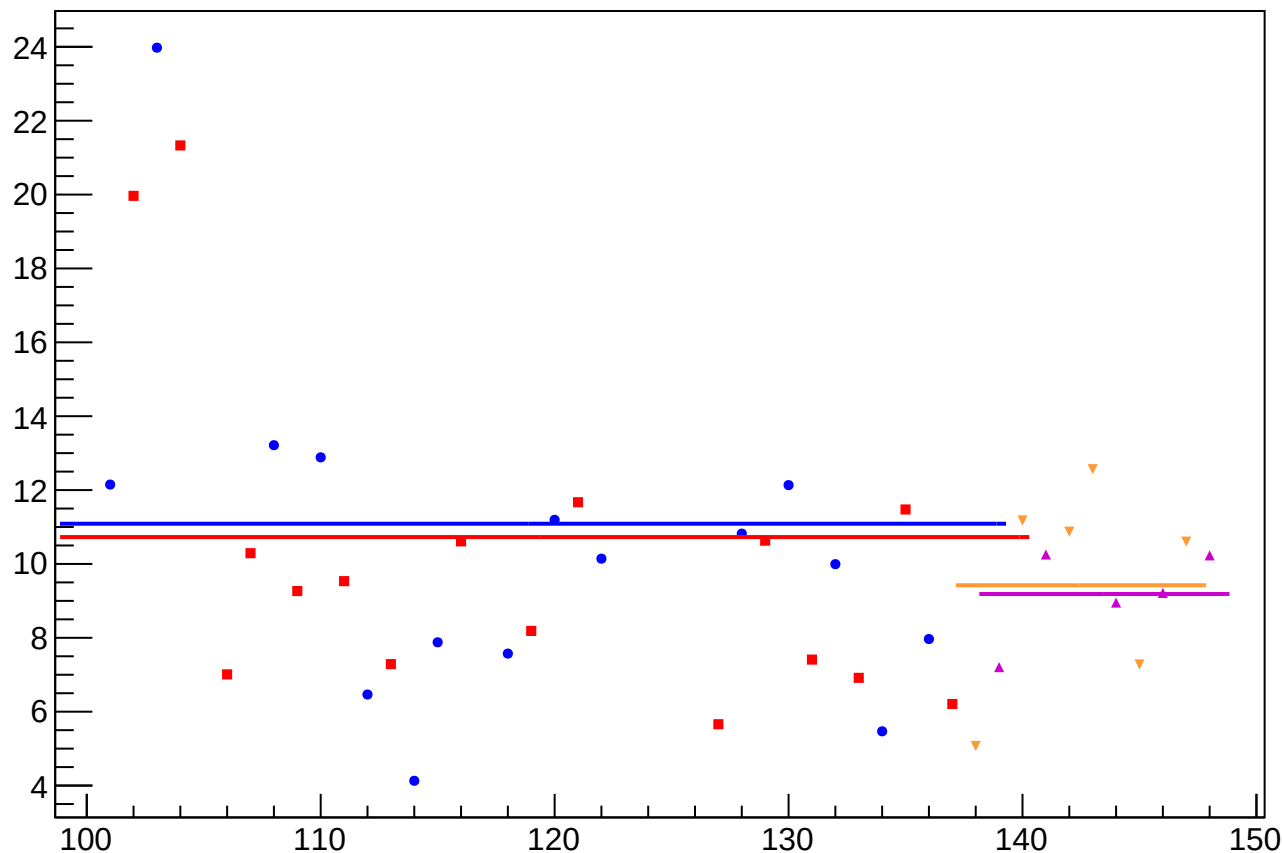
Left Out: -360.331+/-0.000 χ^2/NDF : 1662619726111769227210586409767272448.0/5

Right Out: -394.973+/-0.000 χ^2/NDF : 3685595513427183501596165280874102784.0/15

Left In: -415.157+/-0.000 χ^2/NDF : 436445263281017564199747650857205760.0/4

All: -392.791+/-0.000 χ^2/NDF : 91304715800

dit_11X12X_coil7_err_mean vs Slug



Right In: 11.089+/-0.000 χ^2/NDF : 14235991122014984478163351266918400.0/14

Left Out: 9.423+/-0.000 χ^2/NDF : 2969998541689399432428113524424704.0/5

Right Out: 10.728+/-0.000 χ^2/NDF : 14767238290725260908081124437131264.0/15

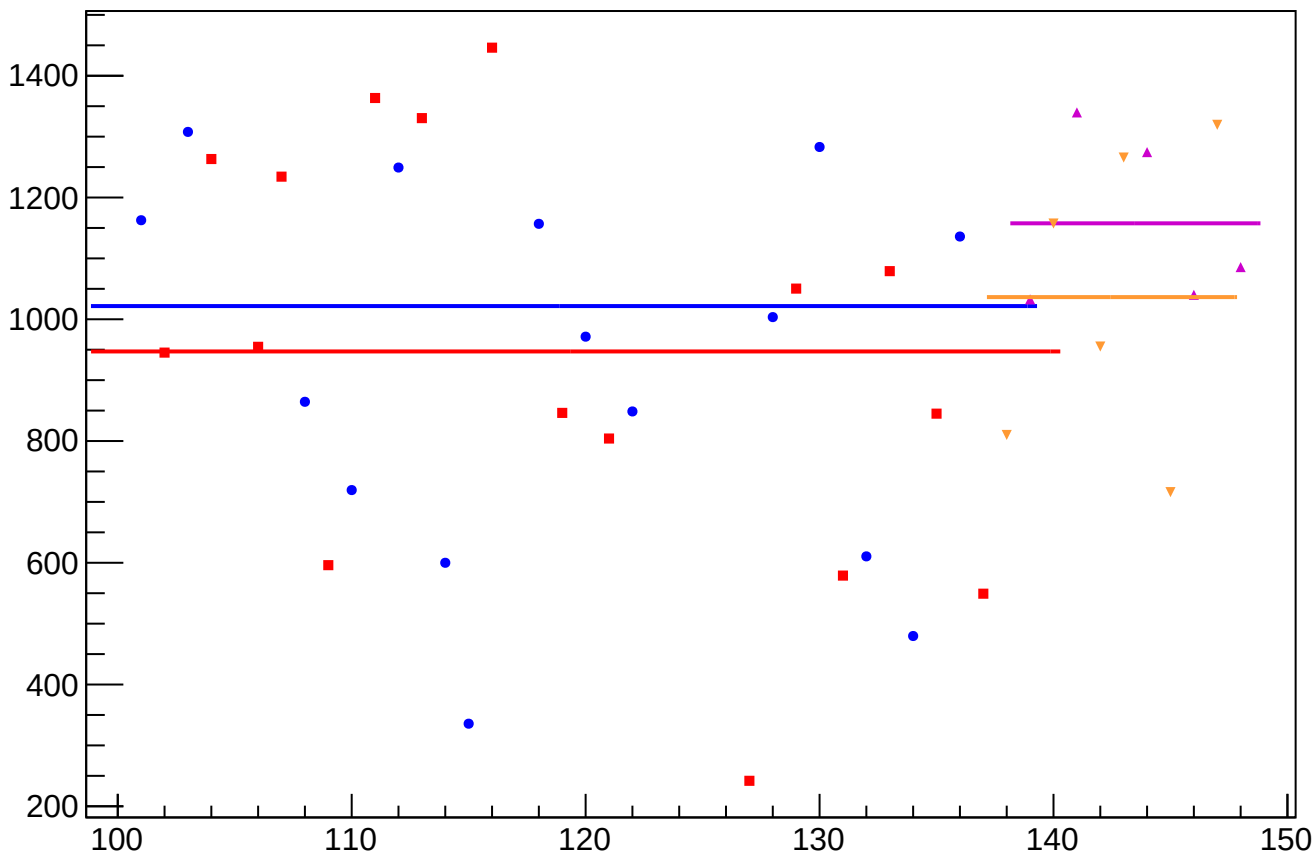
Left In: 9.187+/-0.000 χ^2/NDF : 511425934957977679103463996260352.0/4

+ sign 10.423+/-0.000 χ^2/NDF : 1792568732447620

All: 10.276+/-0.000 χ^2/NDF : 338646786553

- sign 10.130+/-0.000 χ^2/NDF : 1589251513048972

dit_11X12X_coil7_Ndata_mean vs Slug



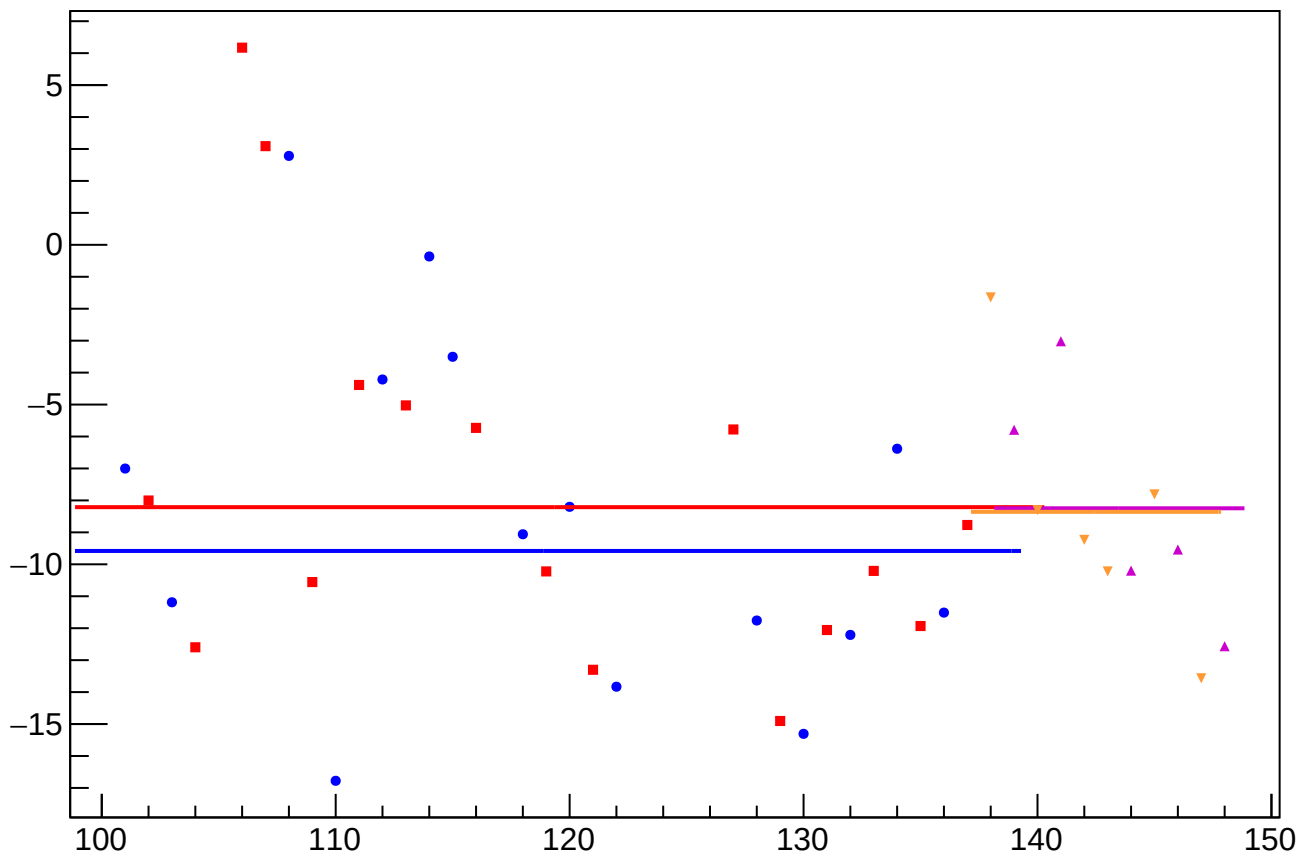
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1028.140+/-0.000 χ^2/NDF : 15024901080

- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

dit_4aY_coil7_mean vs Slug



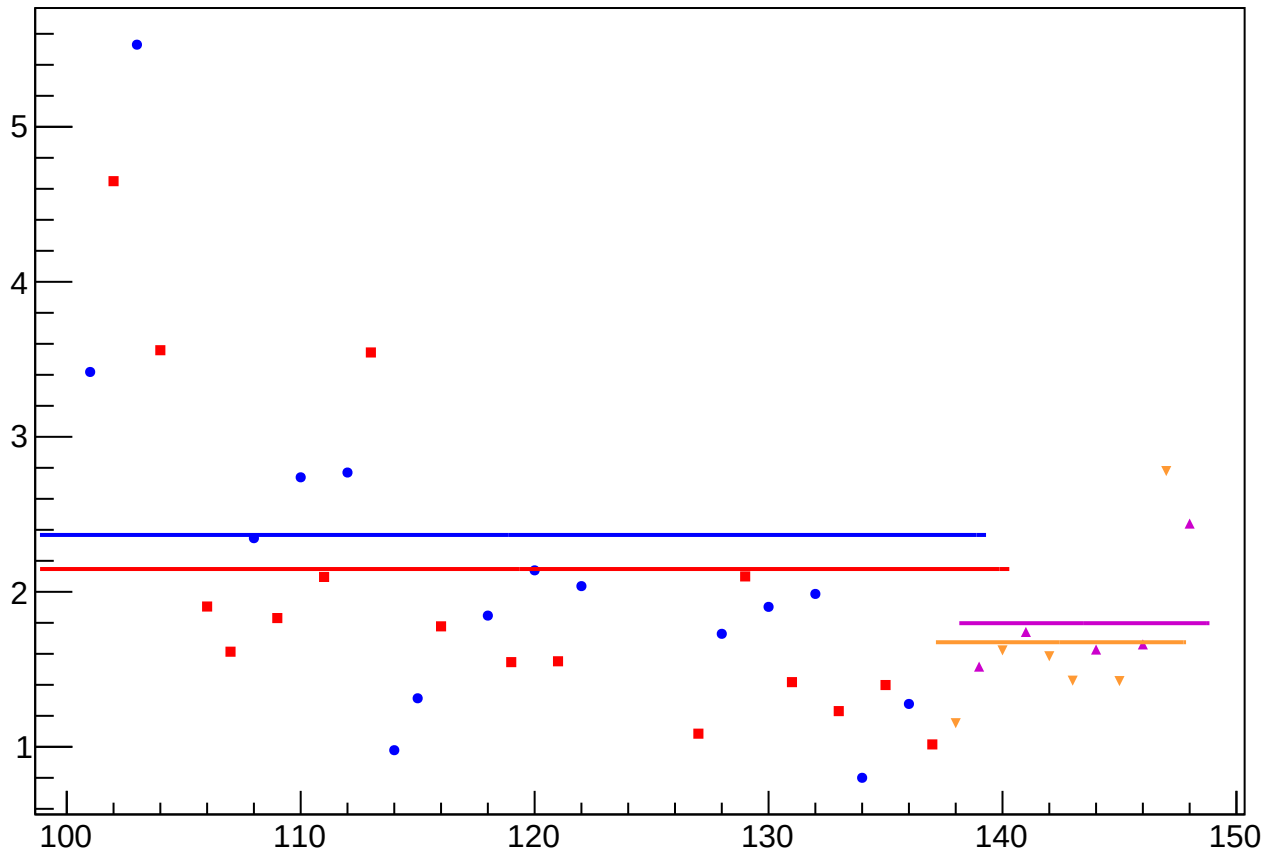
Right In: -9.582 ± 0.000 $\chi^2/\text{NDF}: 14702679983940002820806471963377664.0/14$

Left Out: -8.357 ± 0.000 $\chi^2/\text{NDF}: 5923724025381481821861553786322944.0/5$ $+ \text{sign } -9.092 \pm 0.000$ $\chi^2/\text{NDF}: 2101589907623718$

Right Out: -8.211 ± 0.000 $\chi^2/\text{NDF}: 18304237293835961465605754204454912.0/15$ $\text{All: } -8.657 \pm 0.000$ $\chi^2/\text{NDF}: 4458452296613$

Left In: -8.247 ± 0.000 $\chi^2/\text{NDF}: 4855815316349573899572468070219776.0/4$ $- \text{sign } -8.225 \pm 0.000$ $\chi^2/\text{NDF}: 23160376364390726$

dit_4aY_coil7_err_mean vs Slug



Right In: 2.367 $\pm$ 0.000 χ^2 /NDF: 920633294546152876922066767446016.0/14

Left Out: 1.675 $\pm$ 0.000 χ^2 /NDF: 126220713685009089941984463814656.0/5

Right Out: 2.147 $\pm$ 0.000 χ^2 /NDF: 764171992480224478656127555338240.0/15

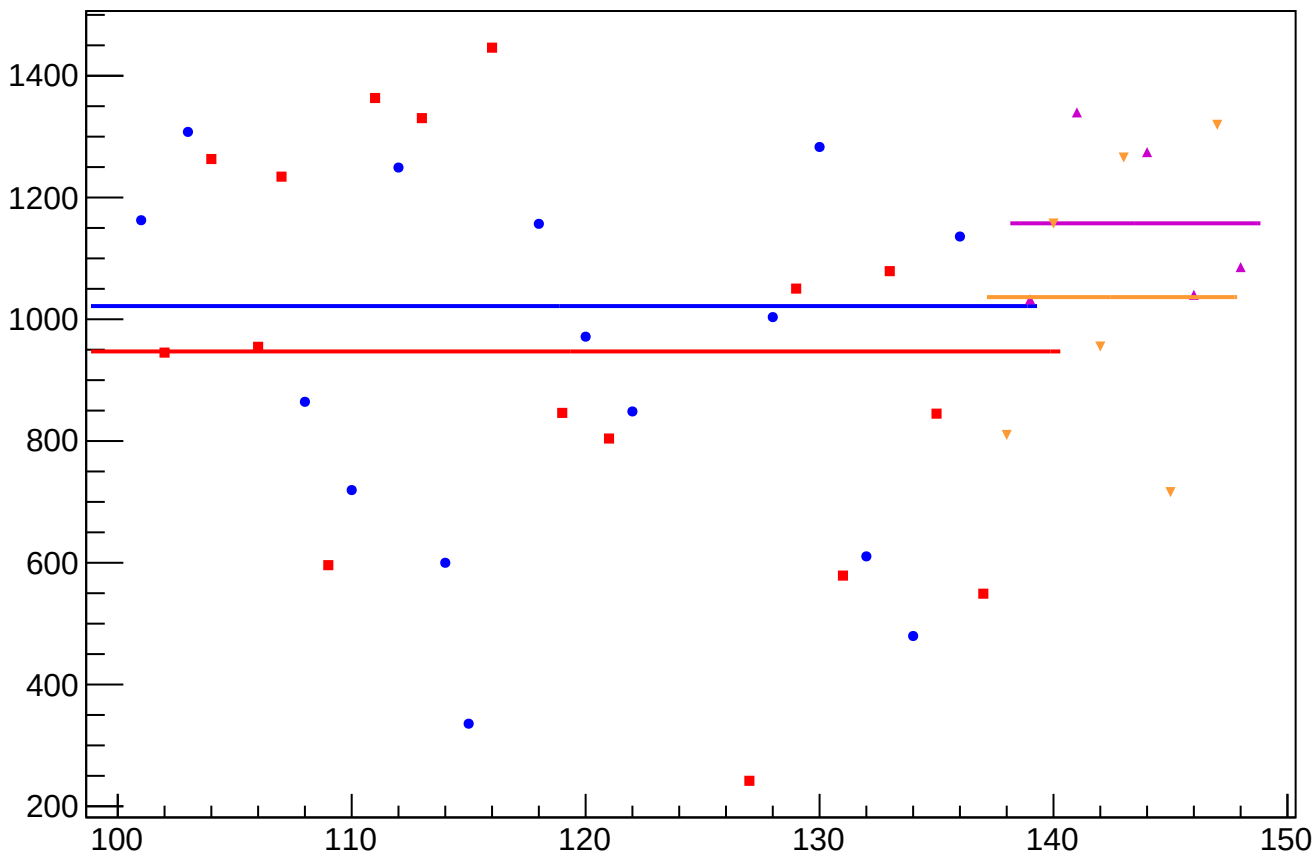
Left In: 1.798 $\pm$ 0.000 χ^2 /NDF: 45448297362633509618722852044800.0/4

+ sign 2.090 $\pm$ 0.000 χ^2 /NDF: 11711254158128407

All: 2.051 $\pm$ 0.000 χ^2 /NDF: 20156688981698

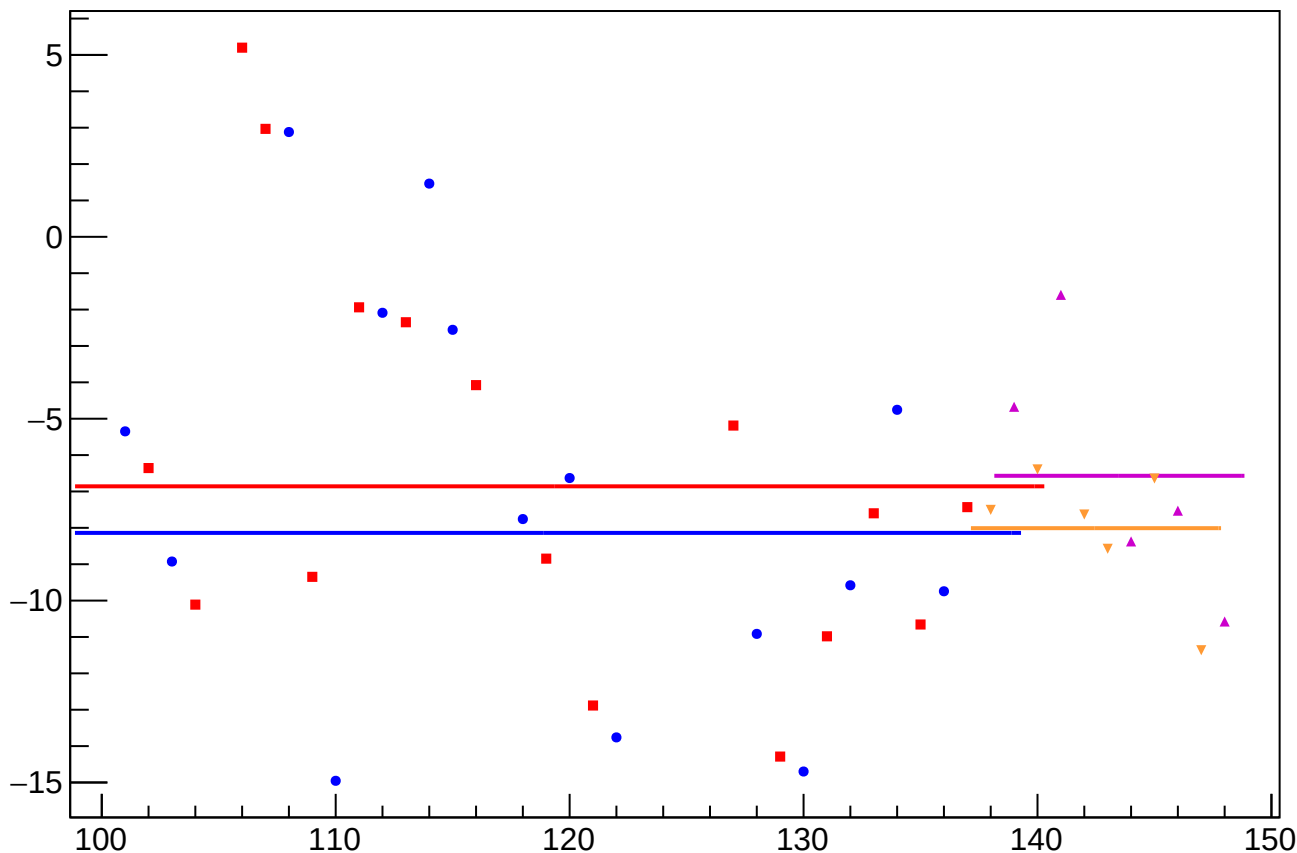
- sign 2.012 $\pm$ 0.000 χ^2 /NDF: 84118628200413816

dit_4aY_coil7_Ndata_mean vs Slug



Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1027.572+/-0.000	χ^2/NDF : 64132945409648
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5	All: 1028.140+/-0.000	χ^2/NDF : 15024901080
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1028.704+/-0.000	χ^2/NDF : 86115369467423
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4		

dit_4eY_coil7_mean vs Slug



Right In: -8.139 ± 0.000 $\chi^2/\text{NDF}: 14676442649222120372533779893321728.0/14$

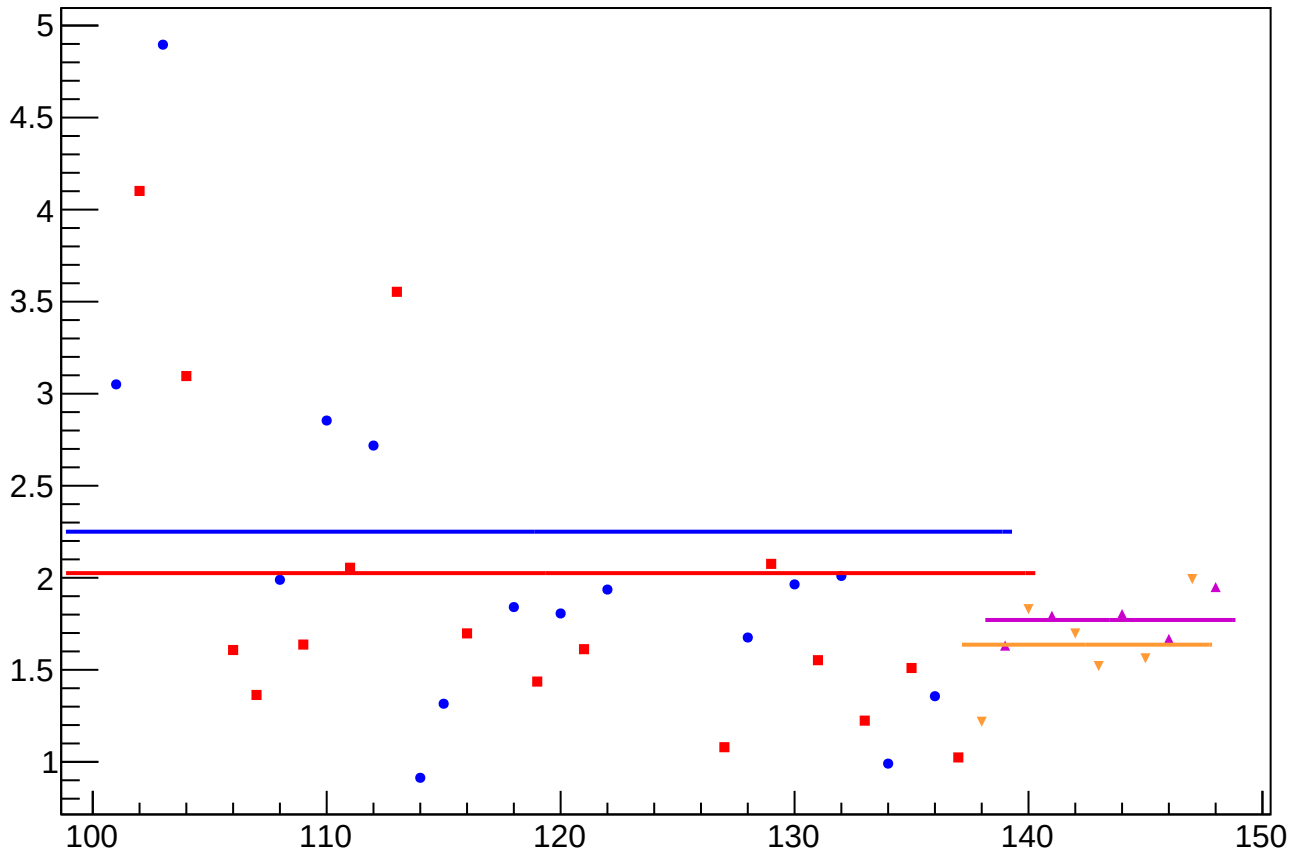
Left Out: -8.009 ± 0.000 $\chi^2/\text{NDF}: 1291130663229595373028867301179392.0/5$

Right Out: -6.859 ± 0.000 $\chi^2/\text{NDF}: 16483631561591790731352632153079808.0/15$

Left In: -6.569 ± 0.000 $\chi^2/\text{NDF}: 4108204511945467670250204820406272.0/4$

All: -7.414 ± 0.000 $\chi^2/\text{NDF}: 3756017004653$

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

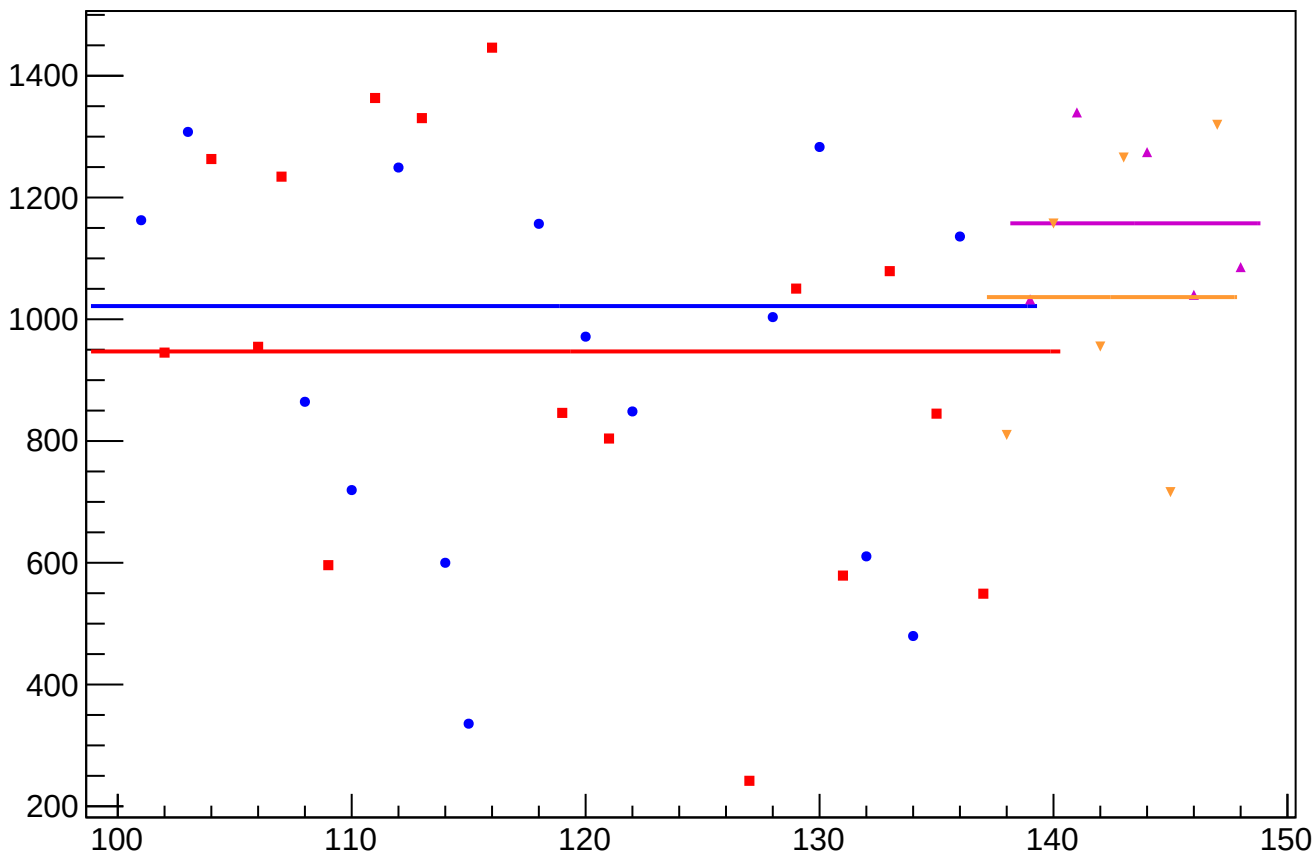
Left In: 1.771+/-0.000 χ^2/NDF : 5266684394041085527621109809152.0/4

+ sign 2.005+/-0.000 χ^2/NDF : 78263316614904927

All: 1.966+/-0.000 χ^2/NDF : 13866905950365

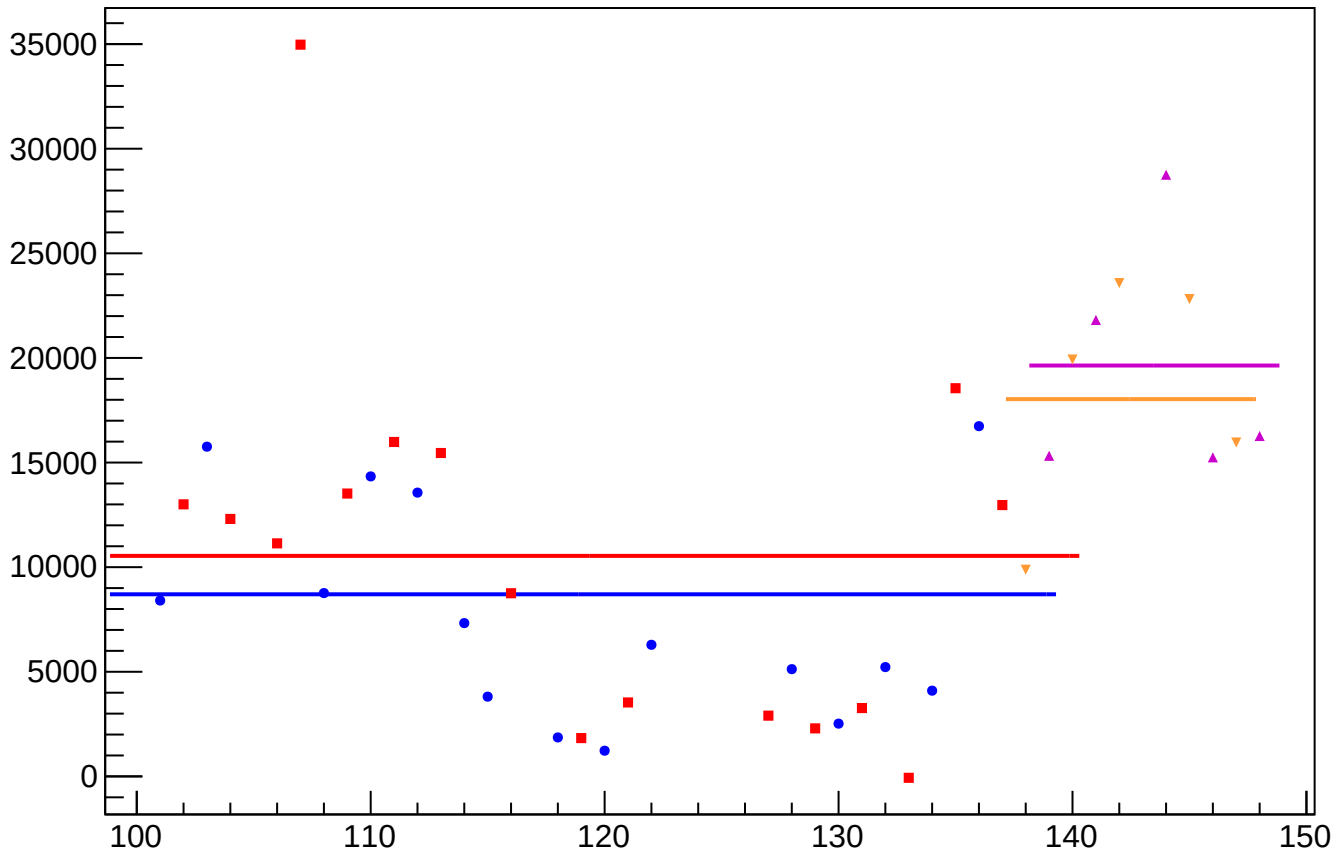
- sign 1.927+/-0.000 χ^2/NDF : 60072546941455220

dit_4eY_coil7_Ndata_mean vs Slug



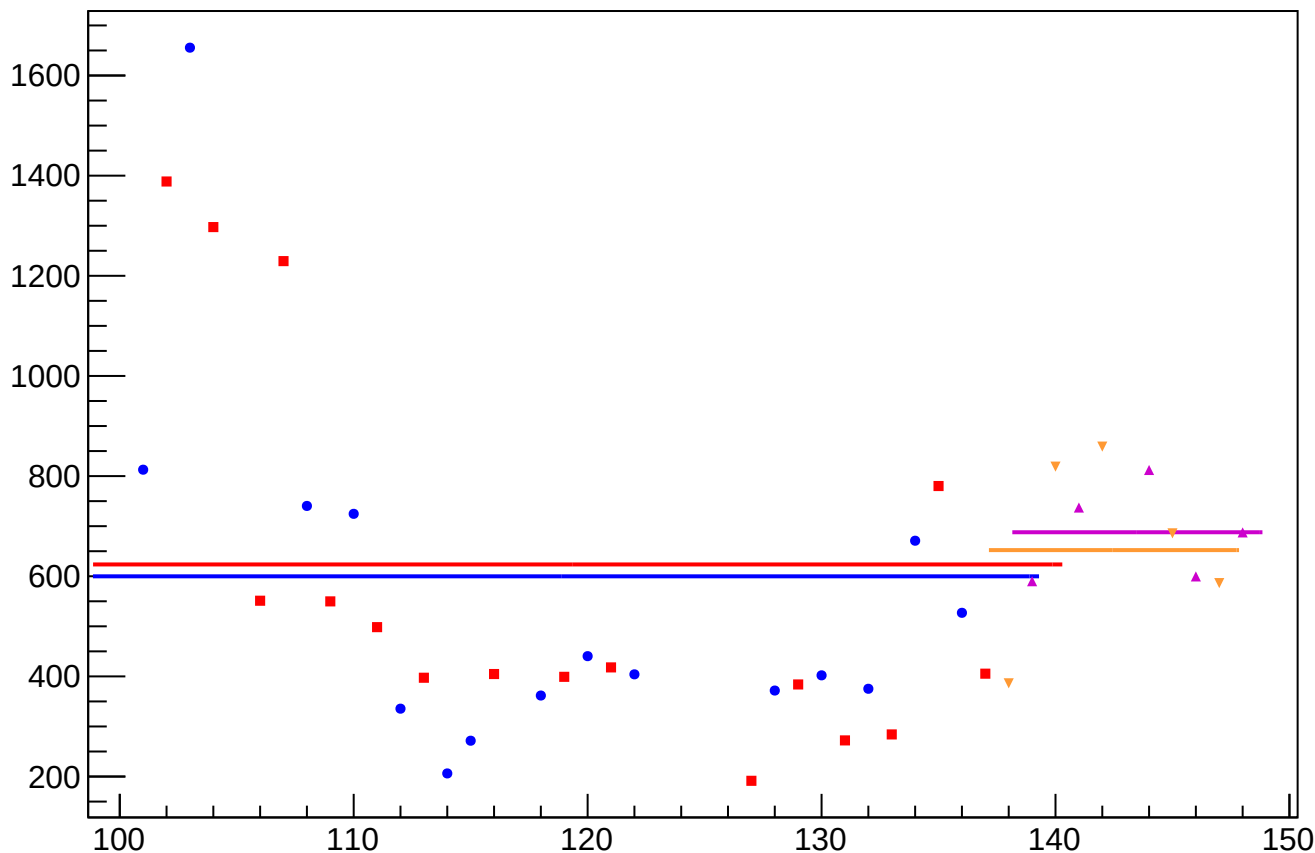
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1027.572+/-0.000	χ^2/NDF : 64132945409648
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5	All: 1028.140+/-0.000	χ^2/NDF : 15024901080
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1028.704+/-0.000	χ^2/NDF : 86115369467423
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4		

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: 19637.784+/-0.000 χ^2/NDF : 11863477284284737009264232989982854217728.0/4

dit_usl_coil7_err_mean vs Slug



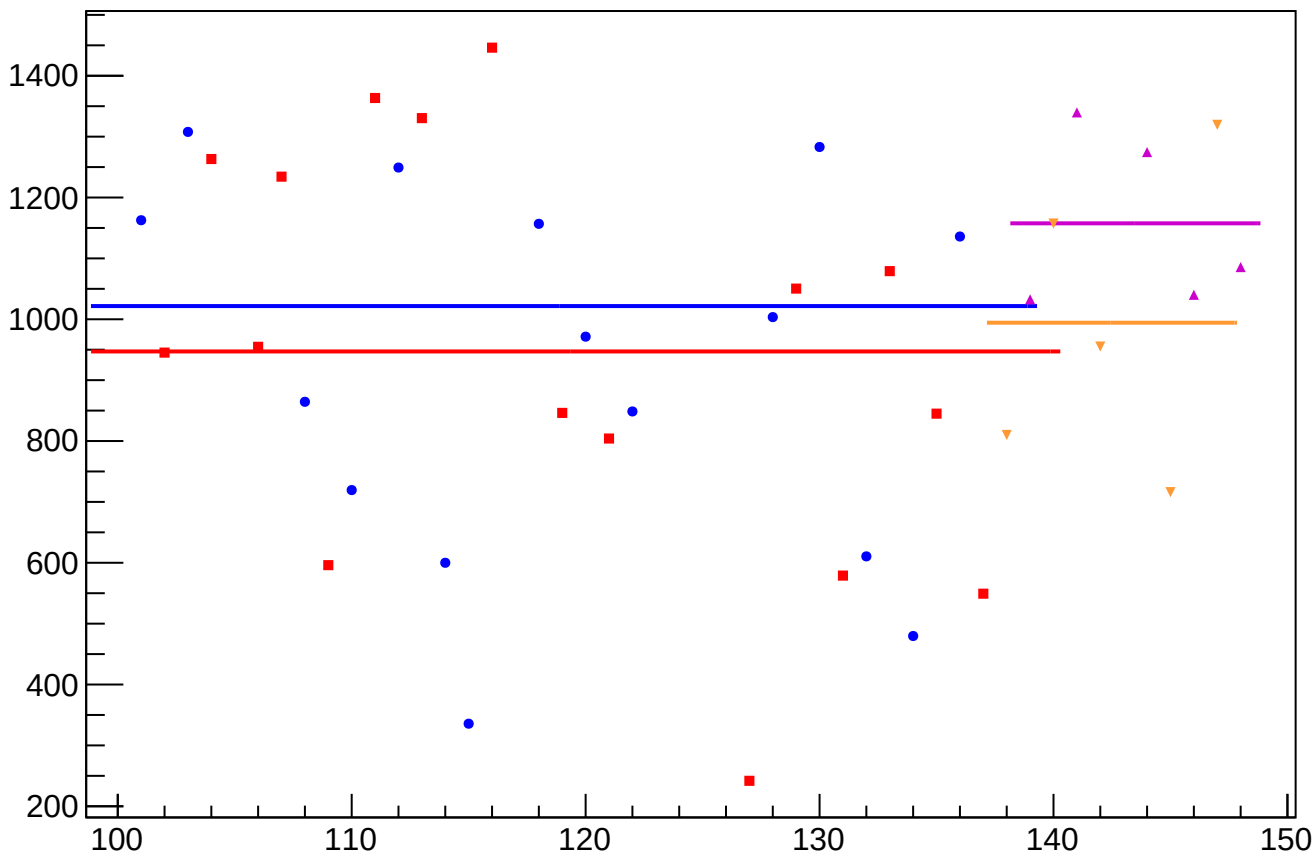
Right In: 599.849+/-0.000 χ^2/NDF : 89258961100373244309337208715638472704.0/14

Left Out: 652.202+/-0.000 χ^2/NDF : 10193023581195854766639304346794196992.0/4

Right Out: 623.569+/-0.000 χ^2/NDF : 101448845479297603044152618126879490048.0/15

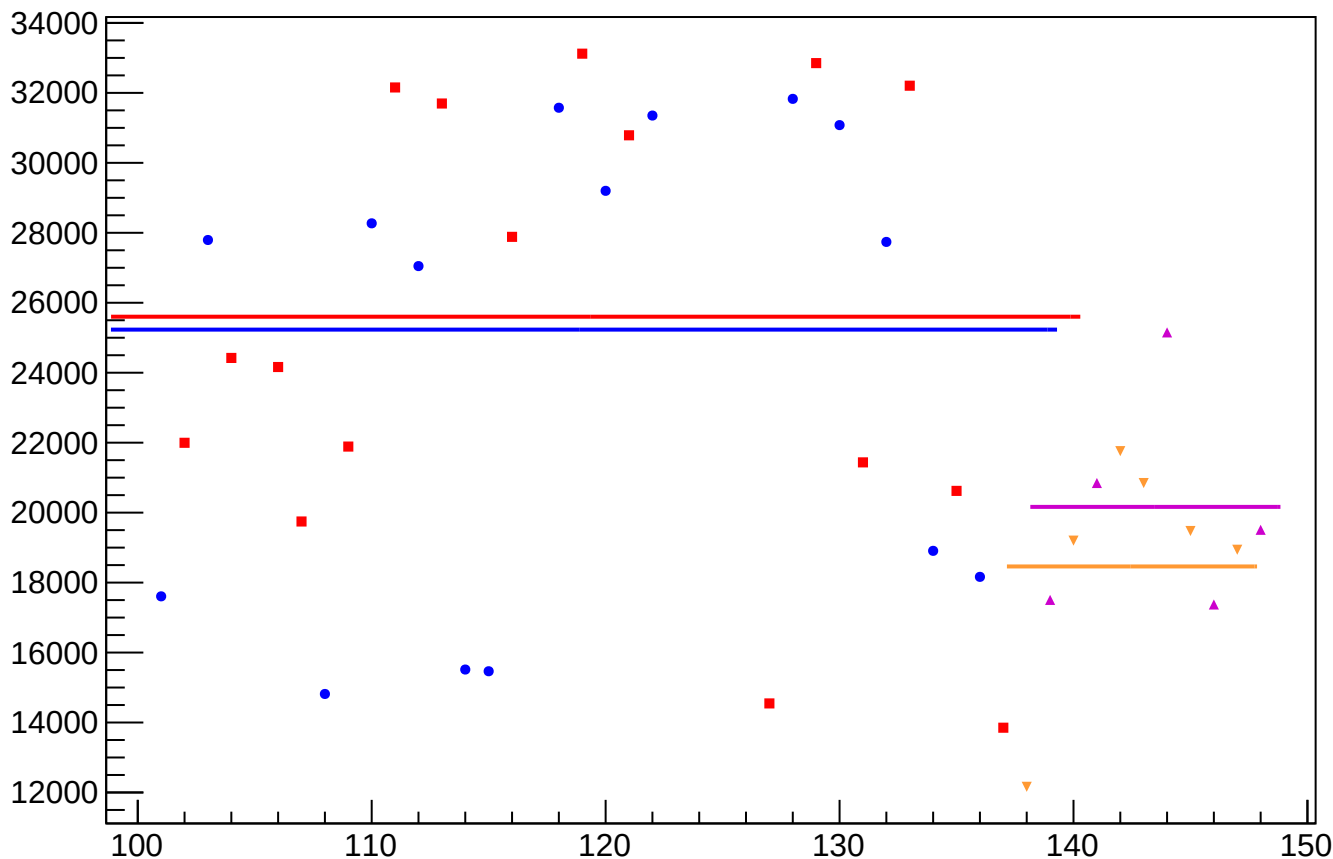
Left In: 687.860+/-0.000 χ^2/NDF : 3003943649421744525611606783385665536.0/4

dit_usl_coil7_Ndata_mean vs Slug



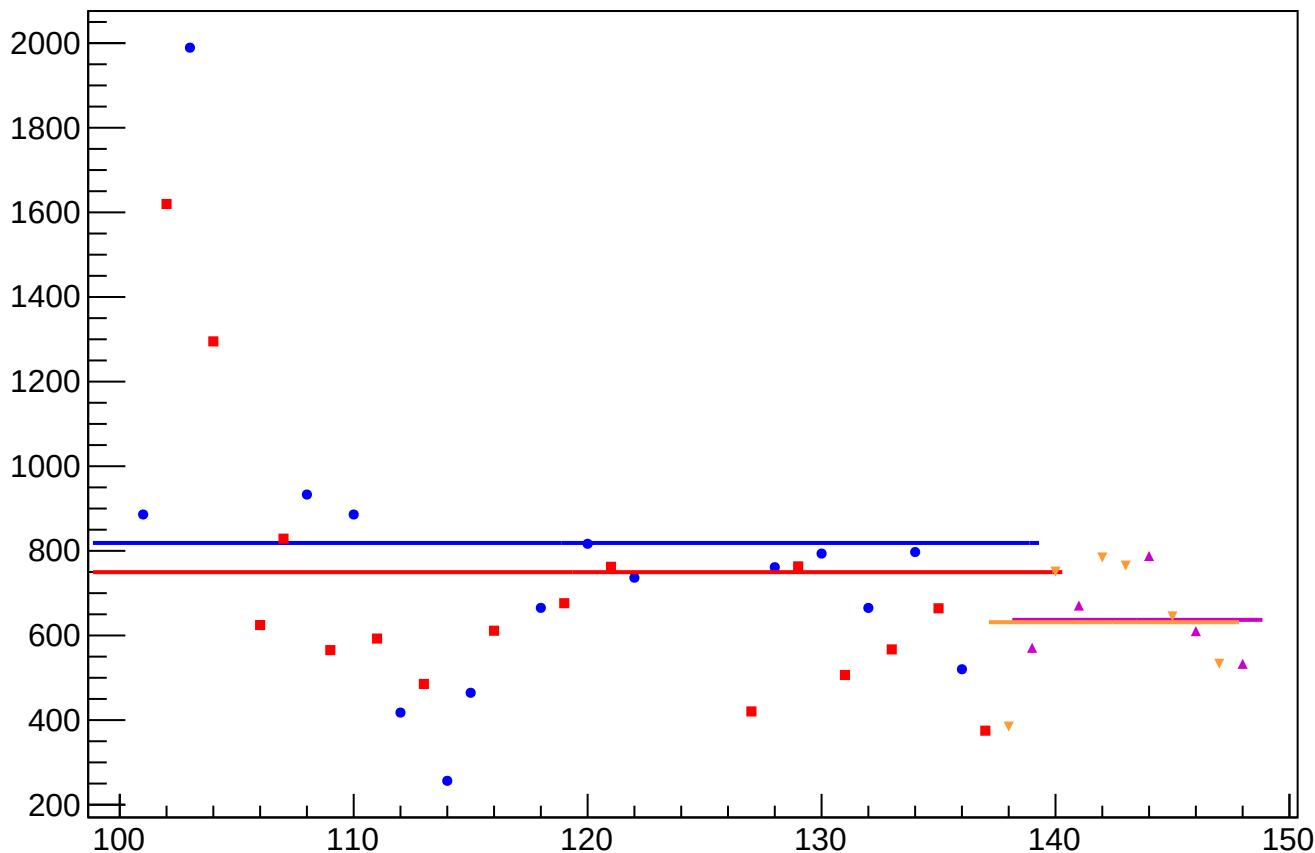
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1011.839+/-0.000	χ^2/NDF : 60083634289796
Left Out: 994.334+/-0.000	χ^2/NDF : 19415785489546804094658707230967201792.0/4	All: 1020.573+/-0.000	χ^2/NDF : 14634835286
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1028.704+/-0.000	χ^2/NDF : 86115369467423
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4		

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: 20164.482+/-0.000	χ^2/NDF : 3509101957877477432157598407604157022208.0/4

dit_usr_coil7_err_mean vs Slug



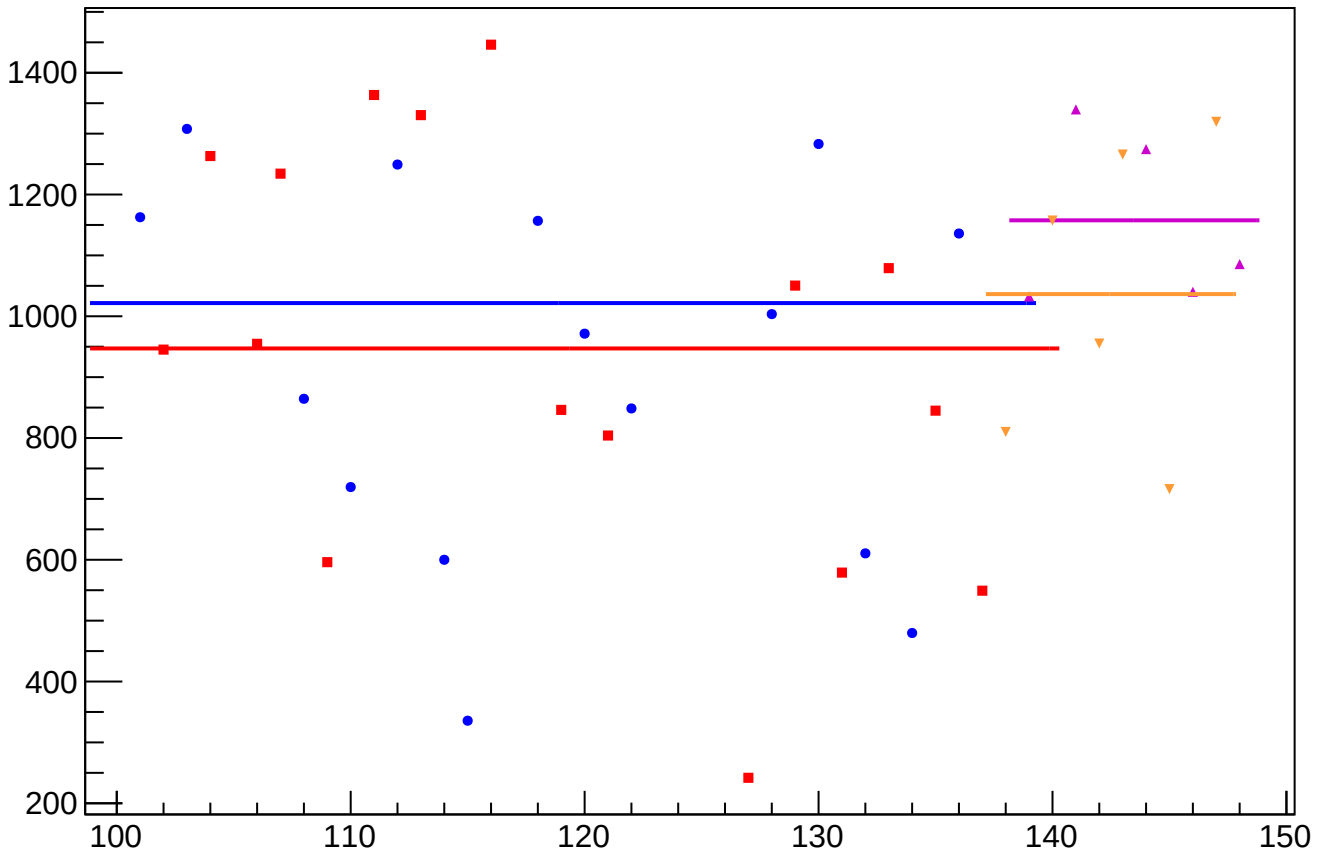
Right In: 818.668 ± 0.000 χ^2/NDF : 105606527096911974489496802318373355520.0/14

Left Out: 631.358 ± 0.000 χ^2/NDF : 8960375290926776104894420317565353984.0/5

Right Out: 749.661 ± 0.000 χ^2/NDF : 77972691834605708706145461250669150208.0/15

Left In: 636.940 ± 0.000 χ^2/NDF : 3441759463873942321803509020988801024.0/4

dit_usr_coil7_Ndata_mean vs Slug



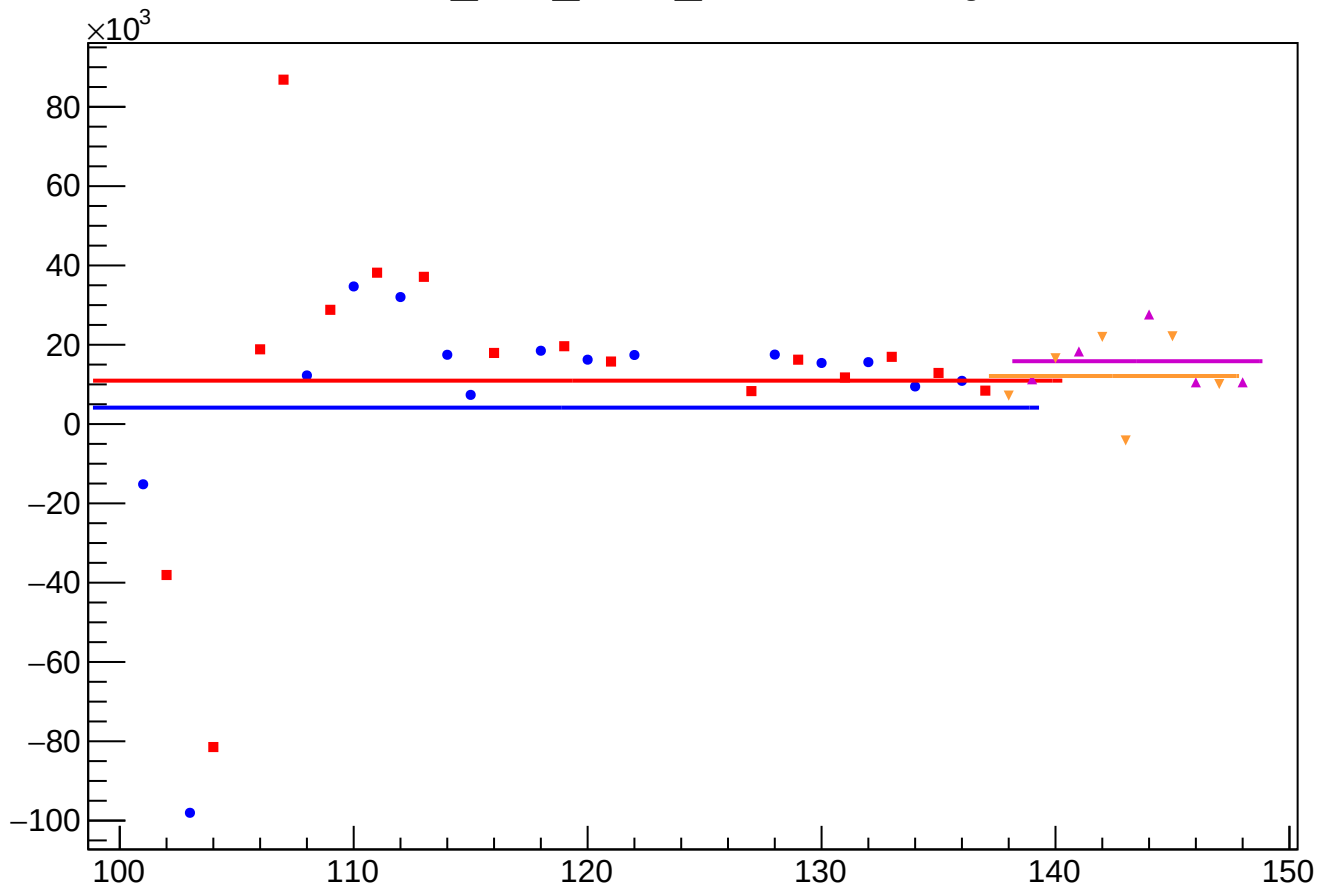
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1028.140+/-0.000 χ^2/NDF : 15024901080

- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

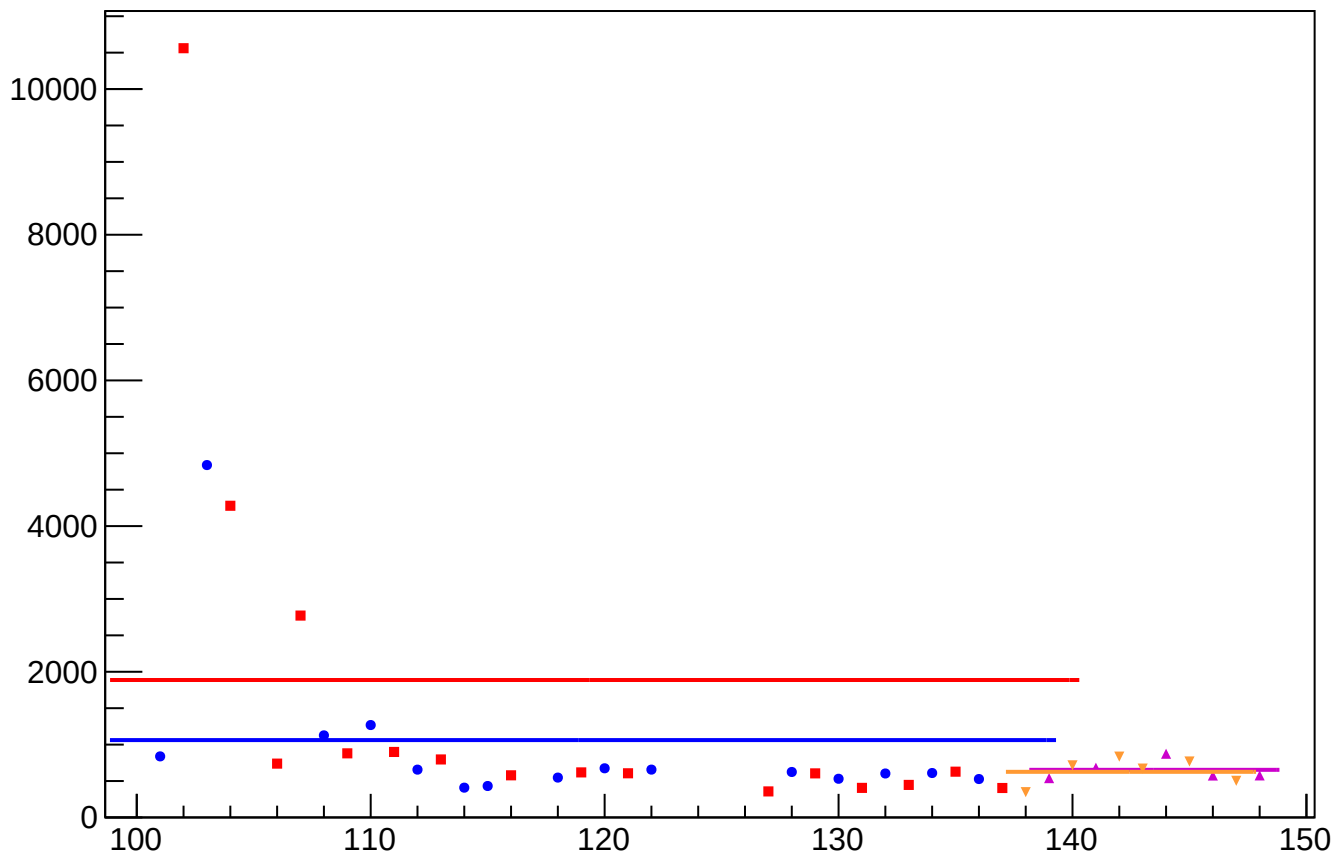
dit_atl1_coil7_mean vs Slug



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: 15851.120+/-0.000 χ^2/NDF : 19282475866718981084706988761223874478080.0/4

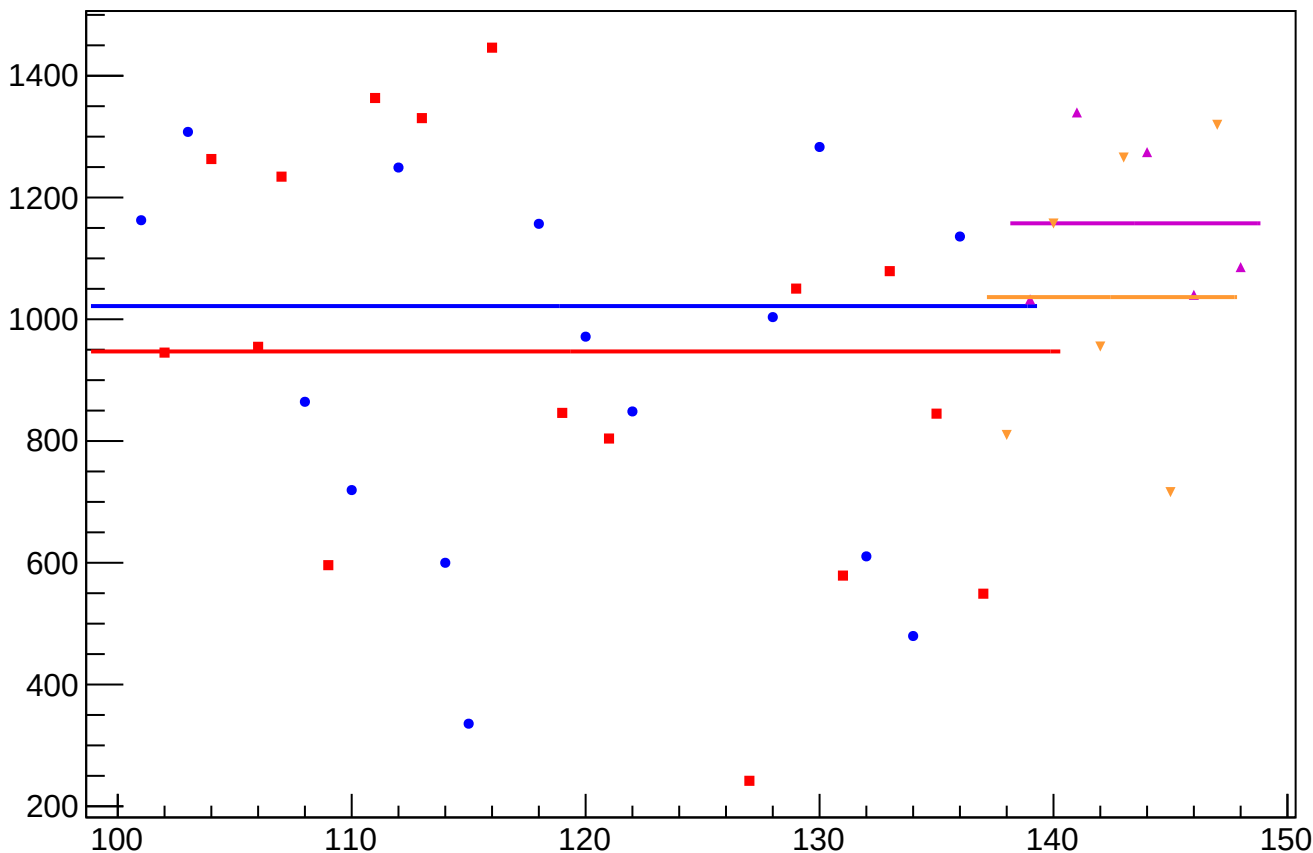
+ sign 7331.999+/-0.000 χ^2/NDF : 81433621786596
 All: 10100.198+/-0.000 χ^2/NDF : 1730288334
 - sign 12848.060+/-0.000 χ^2/NDF : 8994457322695

dit_atl1_coil7_err_mean vs Slug



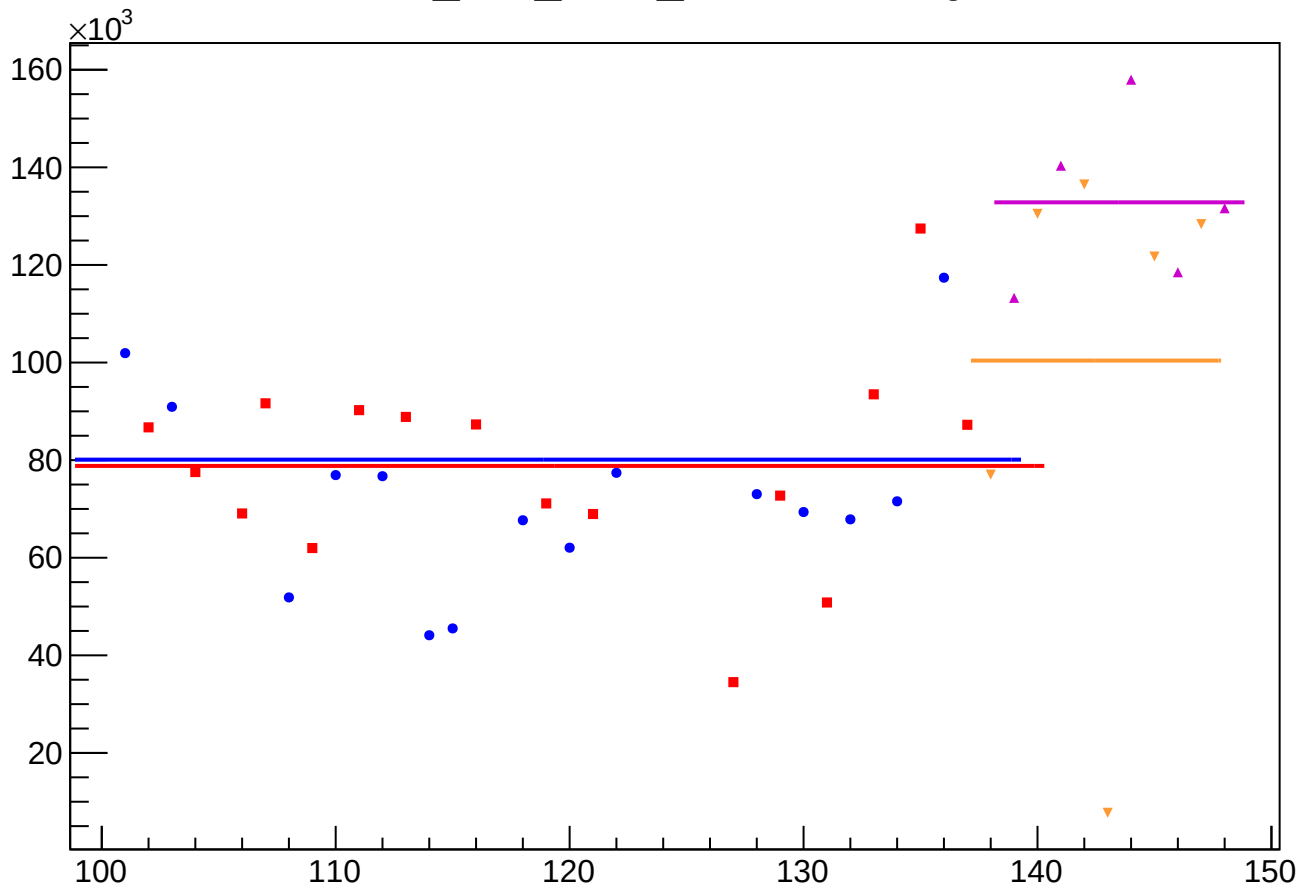
Right In: 1062.141+/-0.000 χ^2/NDF : 952806231926530012715872184655778152448.0/14
 Left Out: 626.423+/-0.000 χ^2/NDF : 11685189787136669991956576860924542976.0/5
 Right Out: 1887.077+/-0.000 χ^2/NDF : 5525872718363845620366029387569058283520.0/15
 Left In: 653.893+/-0.000 χ^2/NDF : 6470086017258708747736465625860538368.0/4
 All: 1149.570+/-0.000 χ^2/NDF : 70865021148
 + sign 888.015+/-0.000 χ^2/NDF : 101373083383386
 - sign 1409.204+/-0.000 χ^2/NDF : 59254094735809

dit_atl1_coil7_Ndata_mean vs Slug



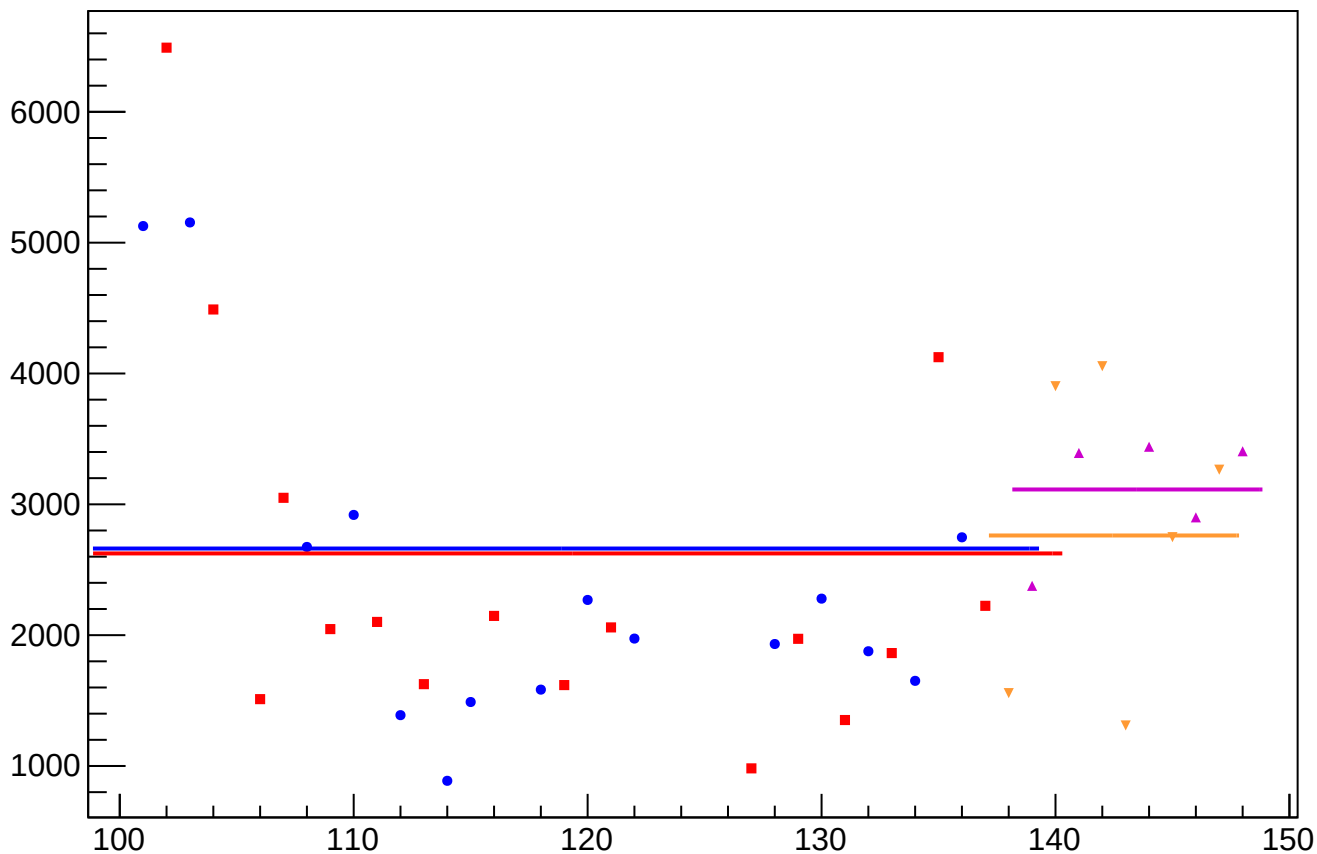
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

dit_atl2_coil7_mean vs Slug



Right In: 80102.504 $\pm$ 0.000 χ^2 /NDF: 254521784097258654723607522631742465769472.0/14
 Left Out: 100405.094 $\pm$ 0.000 χ^2 /NDF: 849810376314937148823011181260781253558272.0/5
 Right Out: 78815.832 $\pm$ 0.000 χ^2 /NDF: 286076919217811099434470442231998185472000.0/15
 Left In: 132829.433 $\pm$ 0.000 χ^2 /NDF: 109212177928565747346750803030077775806464.0/4

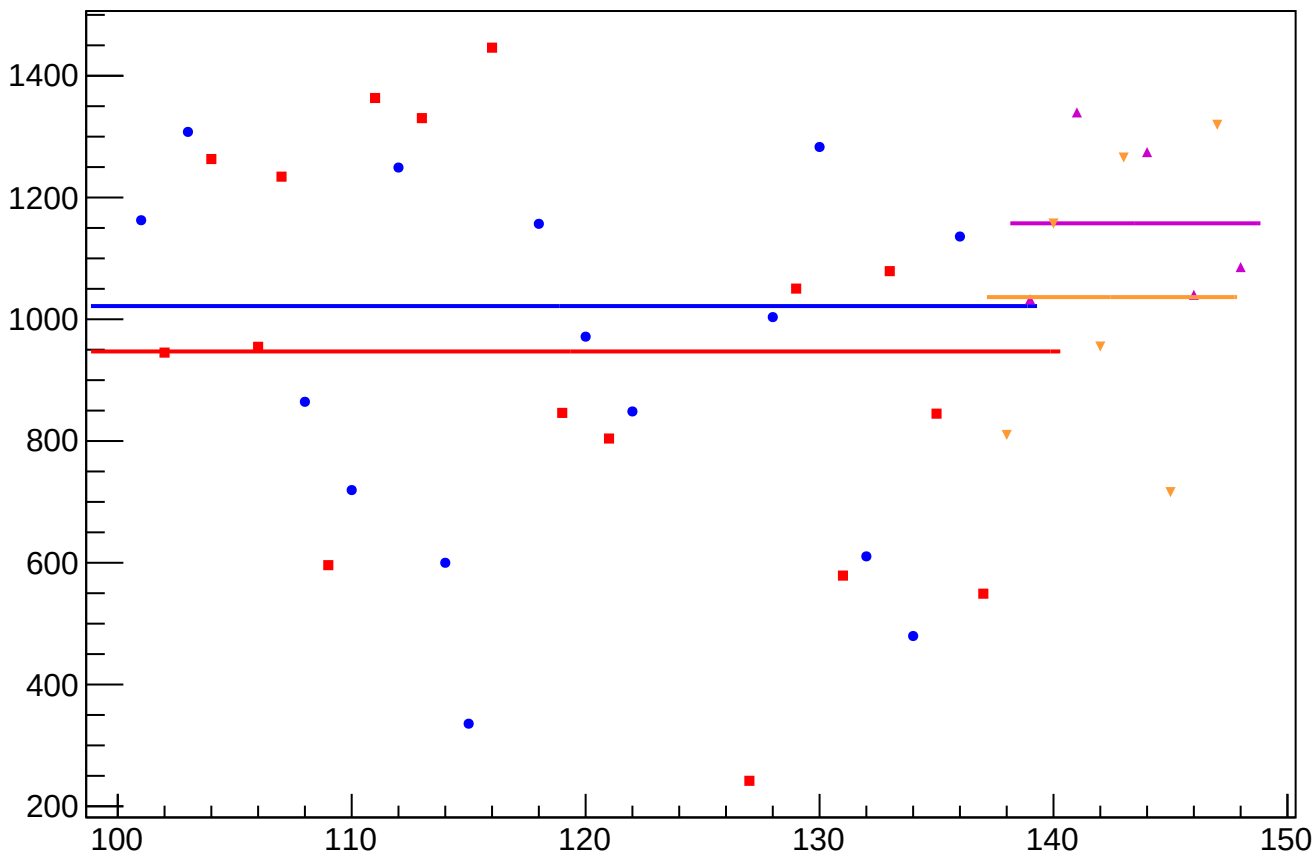
dit_atl2_coil7_err_mean vs Slug



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: 3113.525+/-0.000	χ^2/NDF : 71000838010538901528448948238370734080.0/4

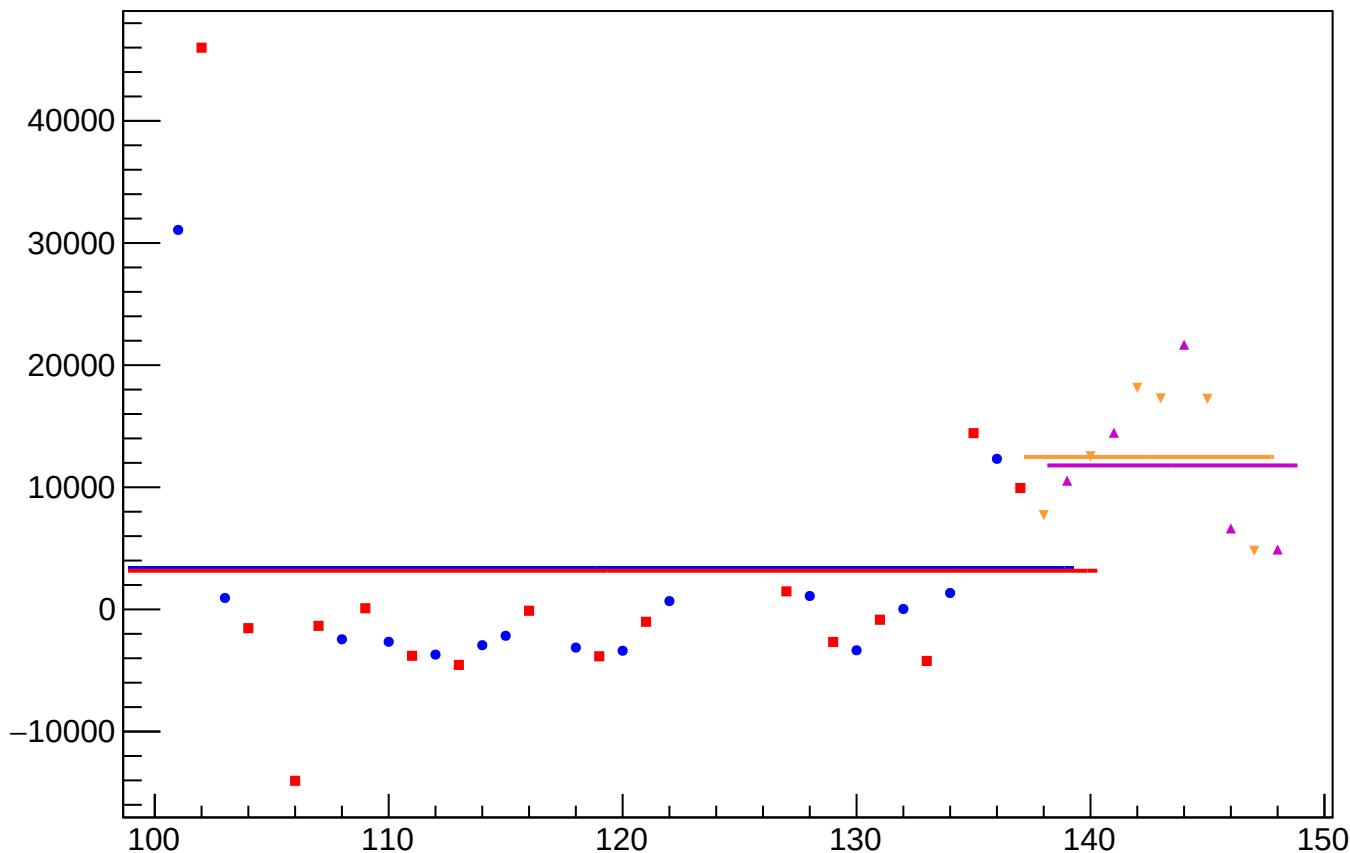
+ sign 2702.023+/-0.000 χ^2/NDF : 14919842737657
 All: 2758.280+/-0.000 χ^2/NDF : 31982700276
 - sign 2814.123+/-0.000 χ^2/NDF : 16994685142347

dit_atl2_coil7_Ndata_mean vs Slug



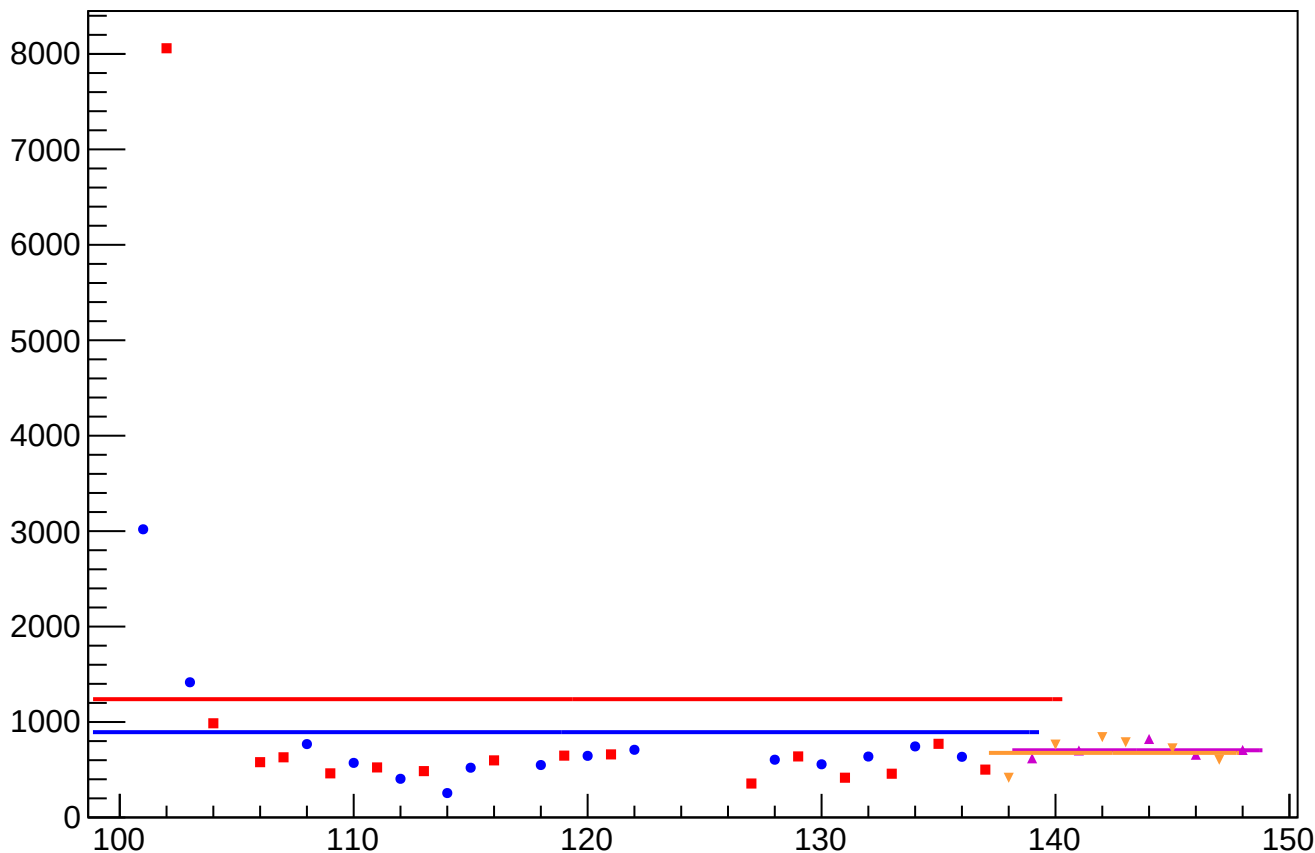
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14	+ sign 1027.572+/-0.000	χ^2/NDF : 64132945409648
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5	All: 1028.140+/-0.000	χ^2/NDF : 15024901080
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15	- sign 1028.704+/-0.000	χ^2/NDF : 86115369467423
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4		

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: 11789.357+/-0.000 χ^2/NDF : 15621953774109917396559295391190979969024.0/4
 All: 6766.045+/-0.000 χ^2/NDF : 27129206299
 + sign 7025.490+/-0.000 χ^2/NDF : 98557017514503
 - sign 6508.505+/-0.000 χ^2/NDF : 17259005111607

dit_atr1_coil7_err_mean vs Slug



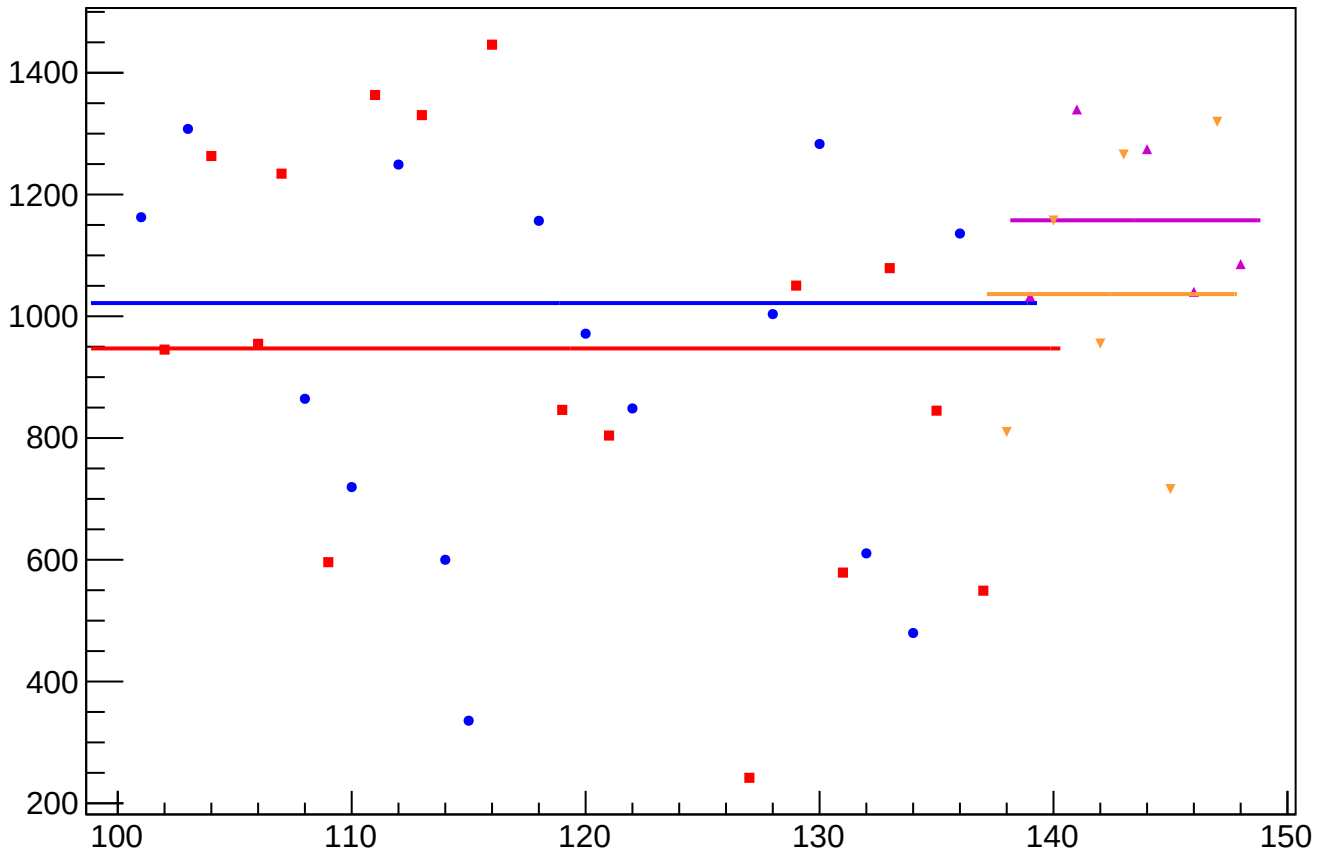
Right In: 893.683+/-0.000 χ^2/NDF : 334583619078631008932404228227359309824.0/14

Left Out: 676.560+/-0.000 χ^2/NDF : 8578438935384331714849888772546363392.0/5

Right Out: 1239.298+/-0.000 χ^2/NDF : 2970990859486483990408108918937565003776.0/15

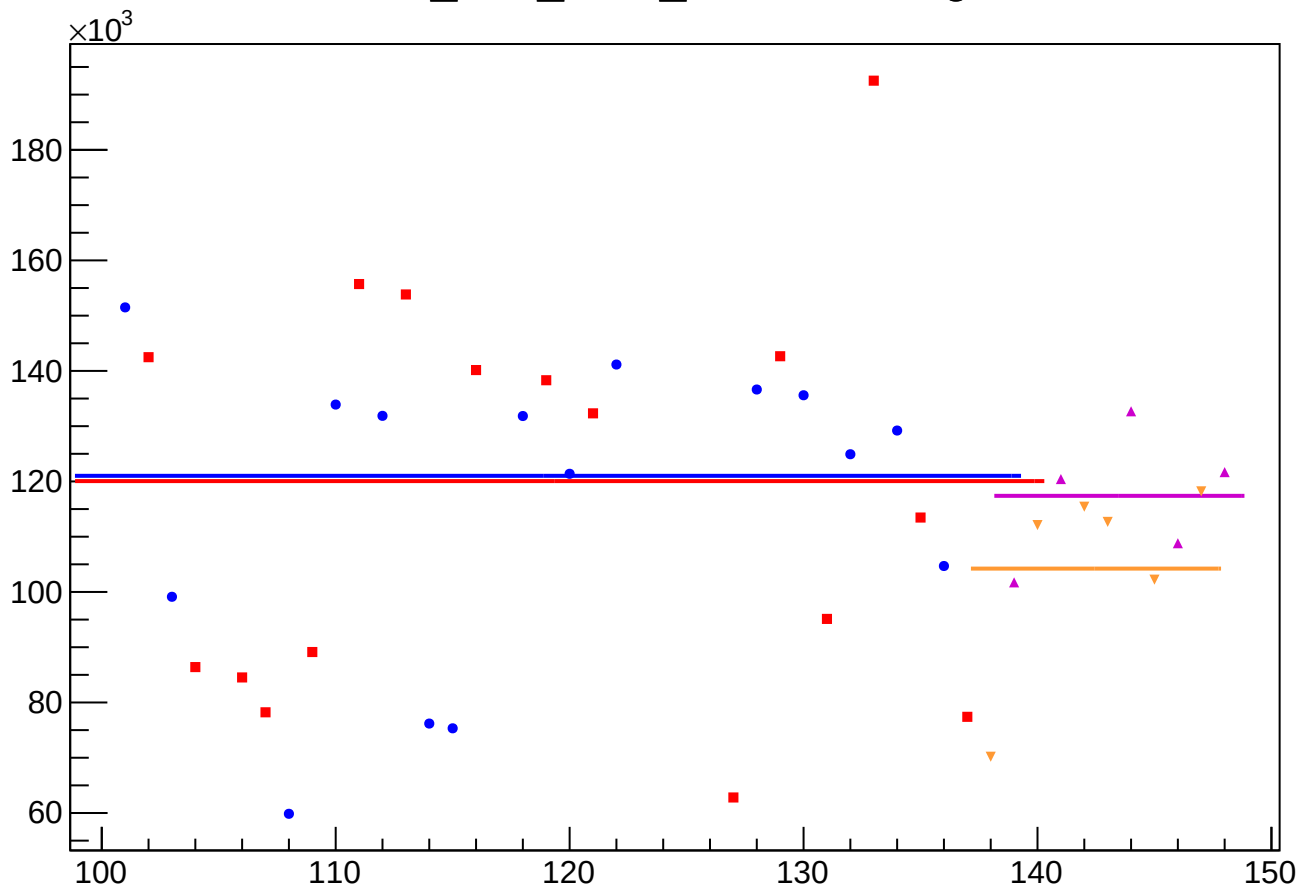
Left In: 703.855+/-0.000 χ^2/NDF : 2005805306716858181901231703677992960.0/4

dit_atr1_coil7_Ndata_mean vs Slug



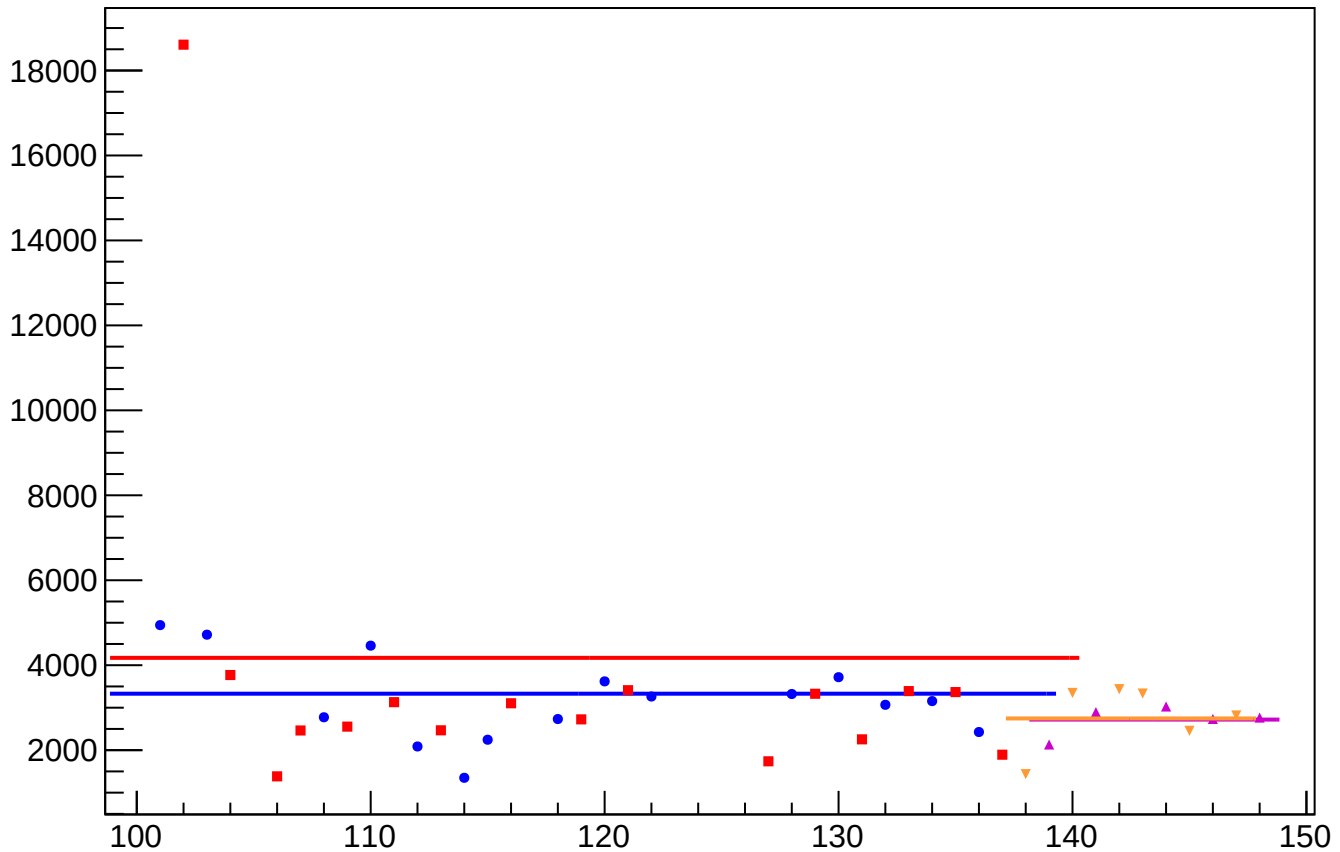
Right In: 1021.684 $\pm$ 0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417 $\pm$ 0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5
 Right Out: 947.145 $\pm$ 0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1157.614 $\pm$ 0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

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: 117394.498 $\pm$ 0.000 χ^2 /NDF: 49123889207883148221955298960734838325248.0/4

dit_atr2_coil7_err_mean vs Slug



Right In: 3329.488 $\pm$ 0.000 χ^2 /NDF: 567034774398456376227526824513721335808.0/14

Left Out: 2746.619 $\pm$ 0.000 χ^2 /NDF: 215971315093179029956638812742780715008.0/5

Right Out: 4173.434 $\pm$ 0.000 χ^2 /NDF: 13498246551537992400095003154682468106240.0/15

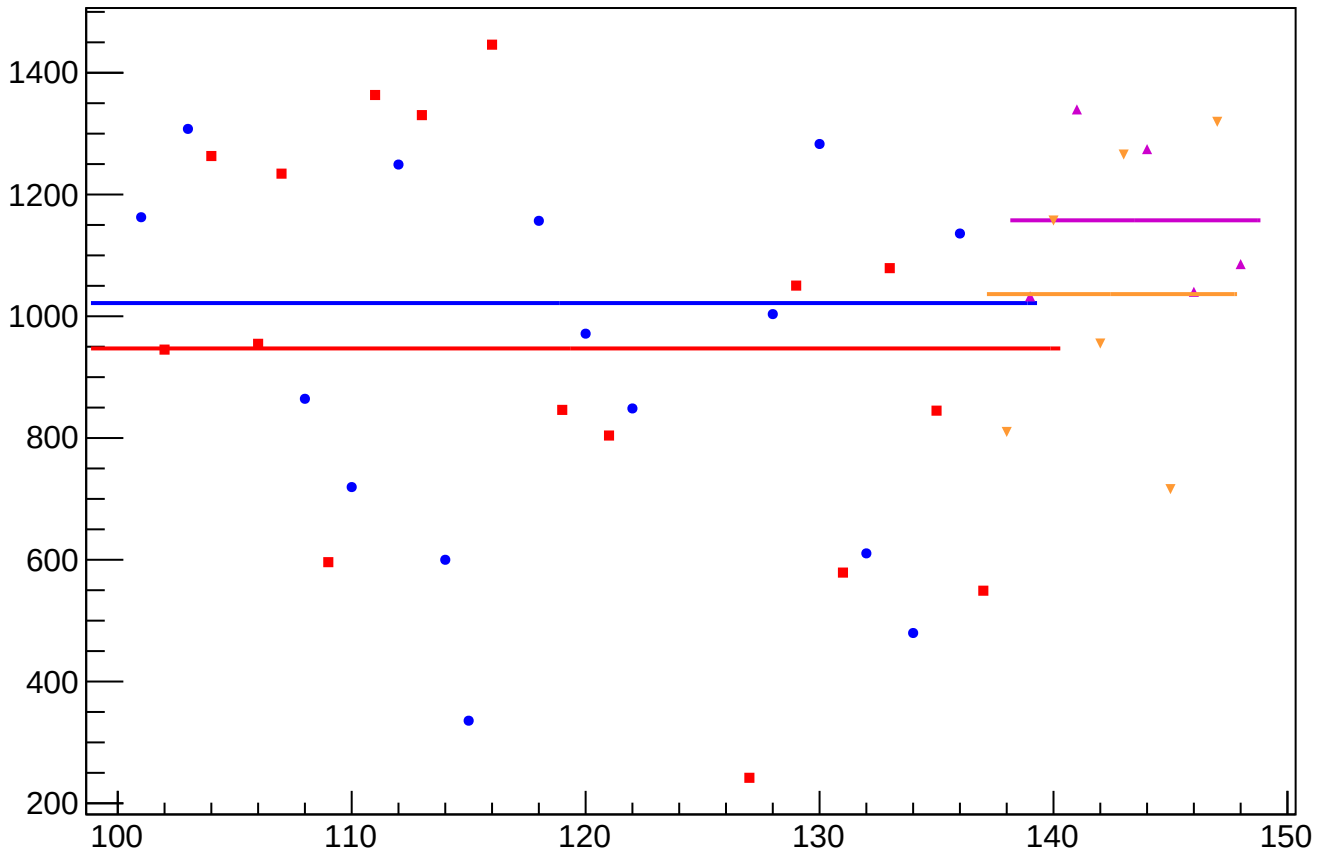
Left In: 2720.048 $\pm$ 0.000 χ^2 /NDF: 39119492333219765341054167011930669056.0/4

All: 3354.340 $\pm$ 0.000 χ^2 /NDF: 15097603107

+ sign 3096.556 $\pm$ 0.000 χ^2 /NDF: 87111998832715

- sign 3610.230 $\pm$ 0.000 χ^2 /NDF: 14083340310038

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

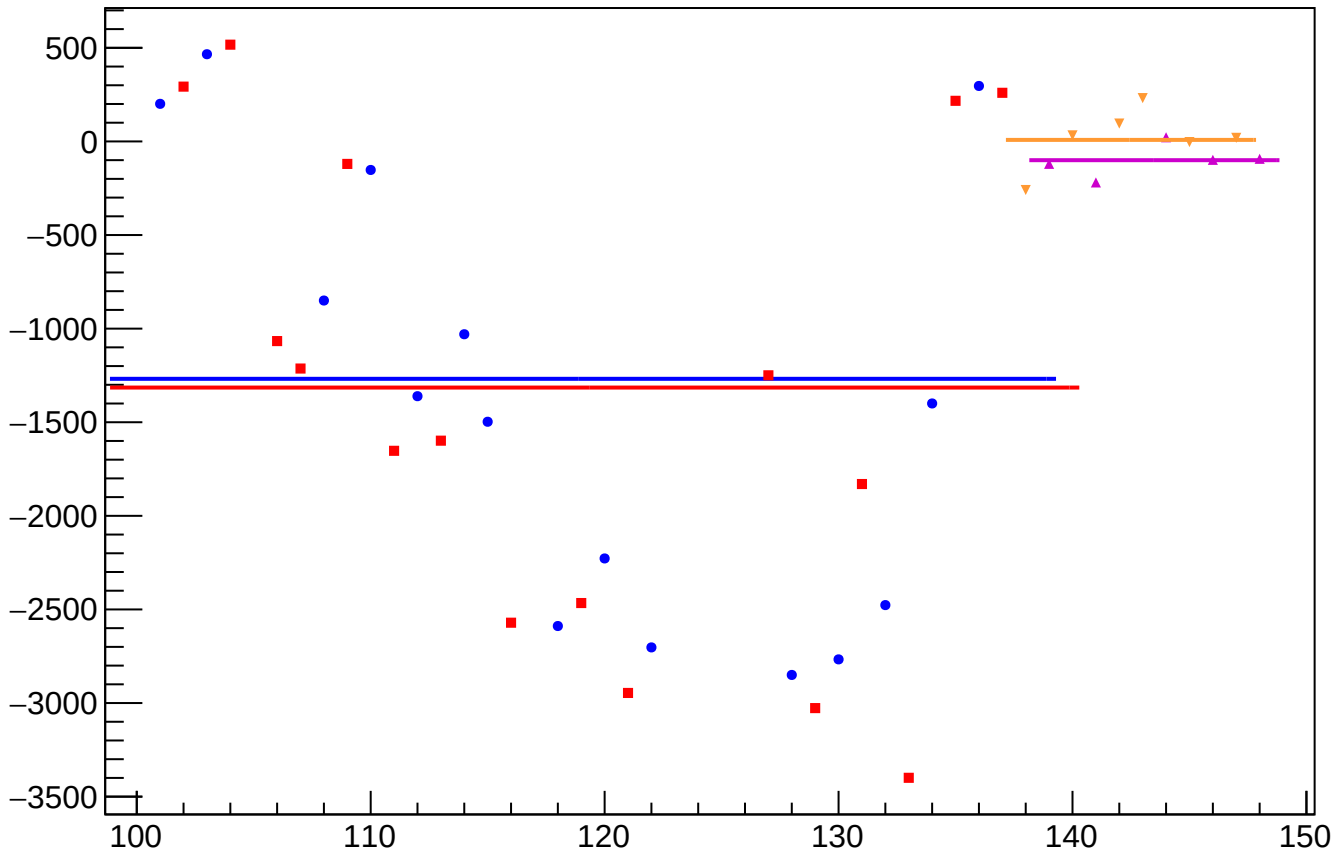
Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1028.140+/-0.000 χ^2/NDF : 15024901080

- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

dit_sam1_coil7_mean vs Slug



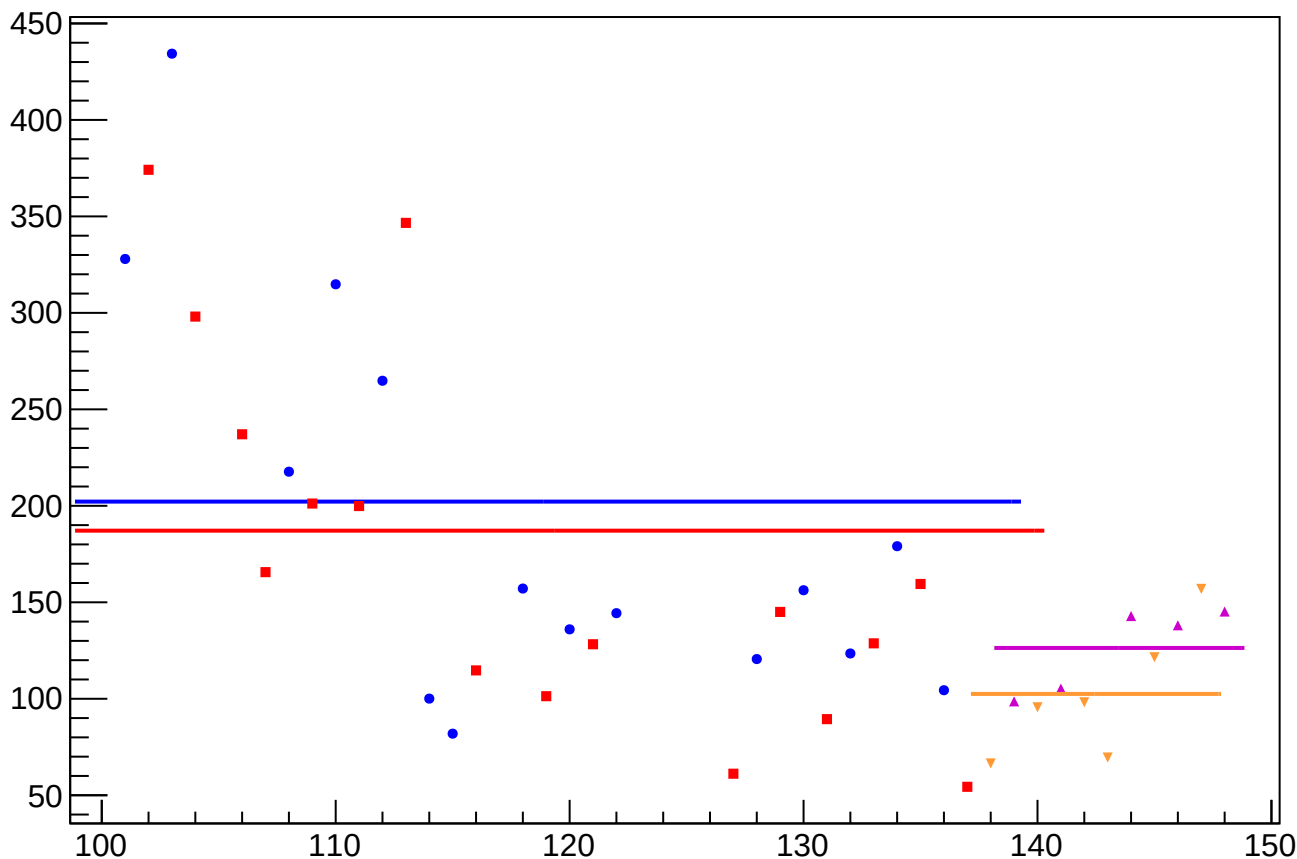
Right In: -1268.061+/-0.000 χ^2/NDF : 1092280760288833856070470490800647045120.0/14

Left Out: 8.179+/-0.000 χ^2/NDF : 9349510132545392479486385134902444032.0/5

Right Out: -1314.767+/-0.000 χ^2/NDF : 1098471313864079013714609379653260935168.0/15

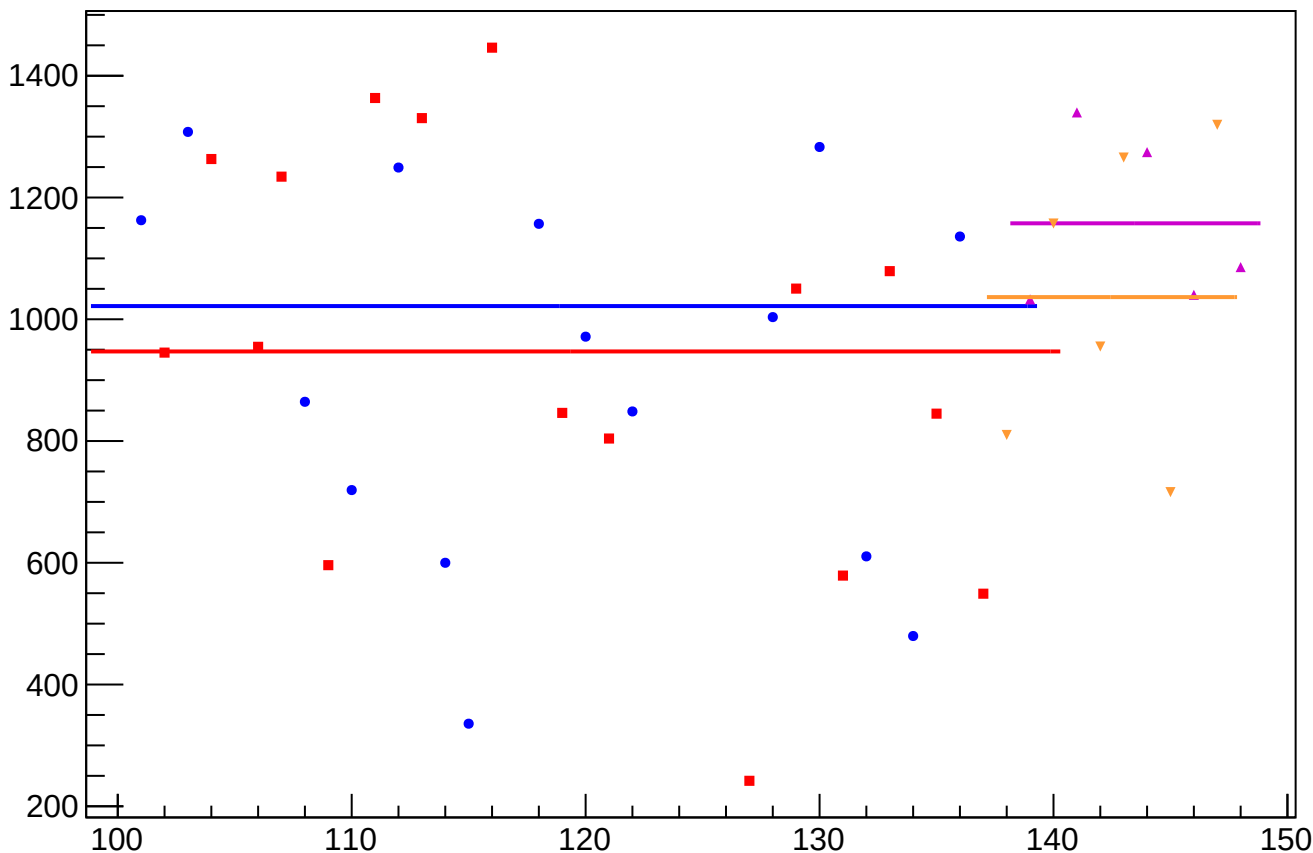
Left In: -100.180+/-0.000 χ^2/NDF : 2569282313998812948639479107439034368.0/4

dit_sam1_coil7_err_mean vs Slug



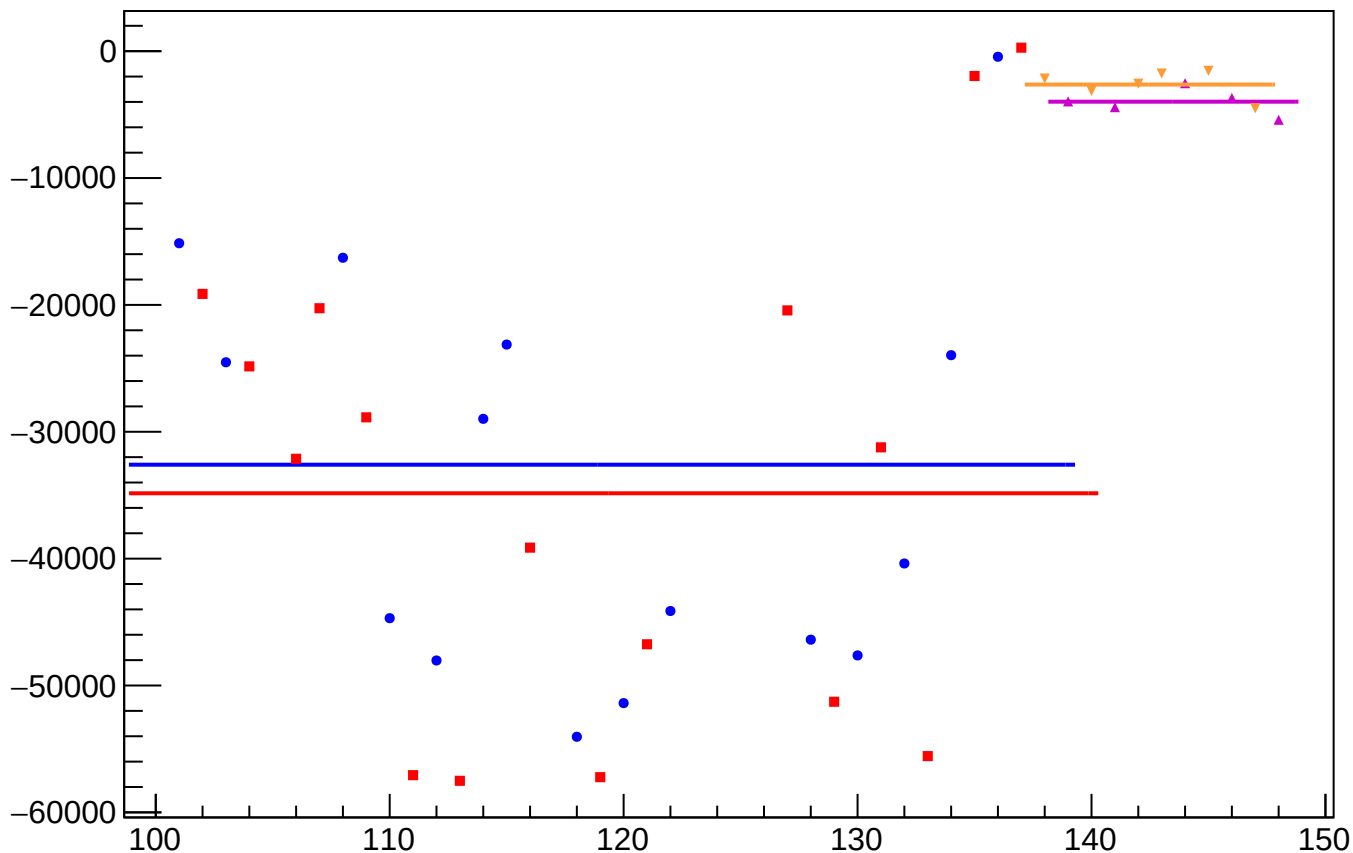
Right In: 202.191+/-0.000	χ^2/NDF : 7027941052752849066369040650615128064.0/14	+ sign 162.357+/-0.000	χ^2/NDF : 100440262729209
Left Out: 102.515+/-0.000	χ^2/NDF : 439255740185768259535071140529569792.0/5	All: 162.967+/-0.000	χ^2/NDF : 17395229368
Right Out: 187.126+/-0.000	χ^2/NDF : 6230029491605524746936515809941389312.0/15	- sign 163.572+/-0.000	χ^2/NDF : 735040314244330
Left In: 126.342+/-0.000	χ^2/NDF : 165420512103443127854197702735691776.0/4		

dit_sam1_coil7_Ndata_mean vs Slug



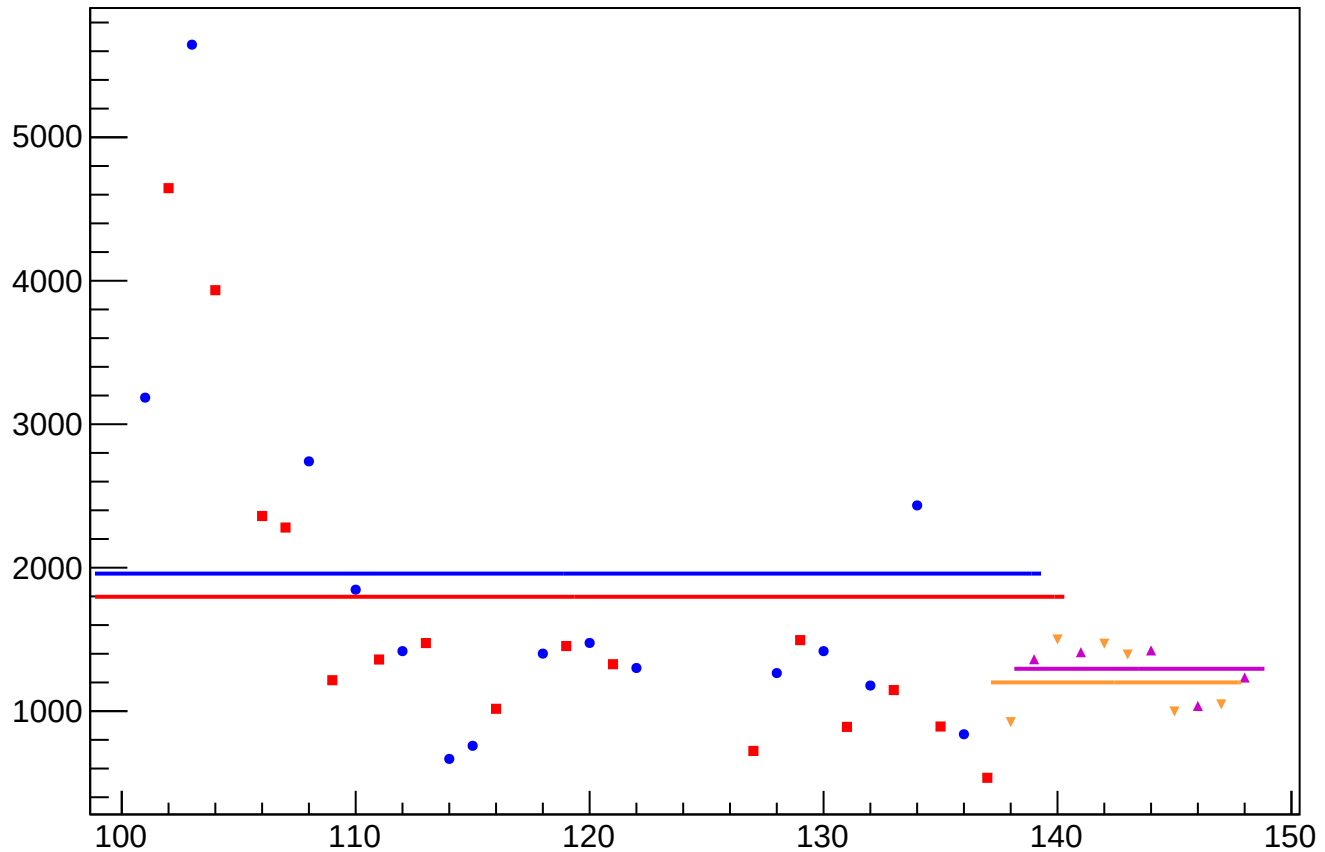
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

dit_sam2_coil7_mean vs Slug



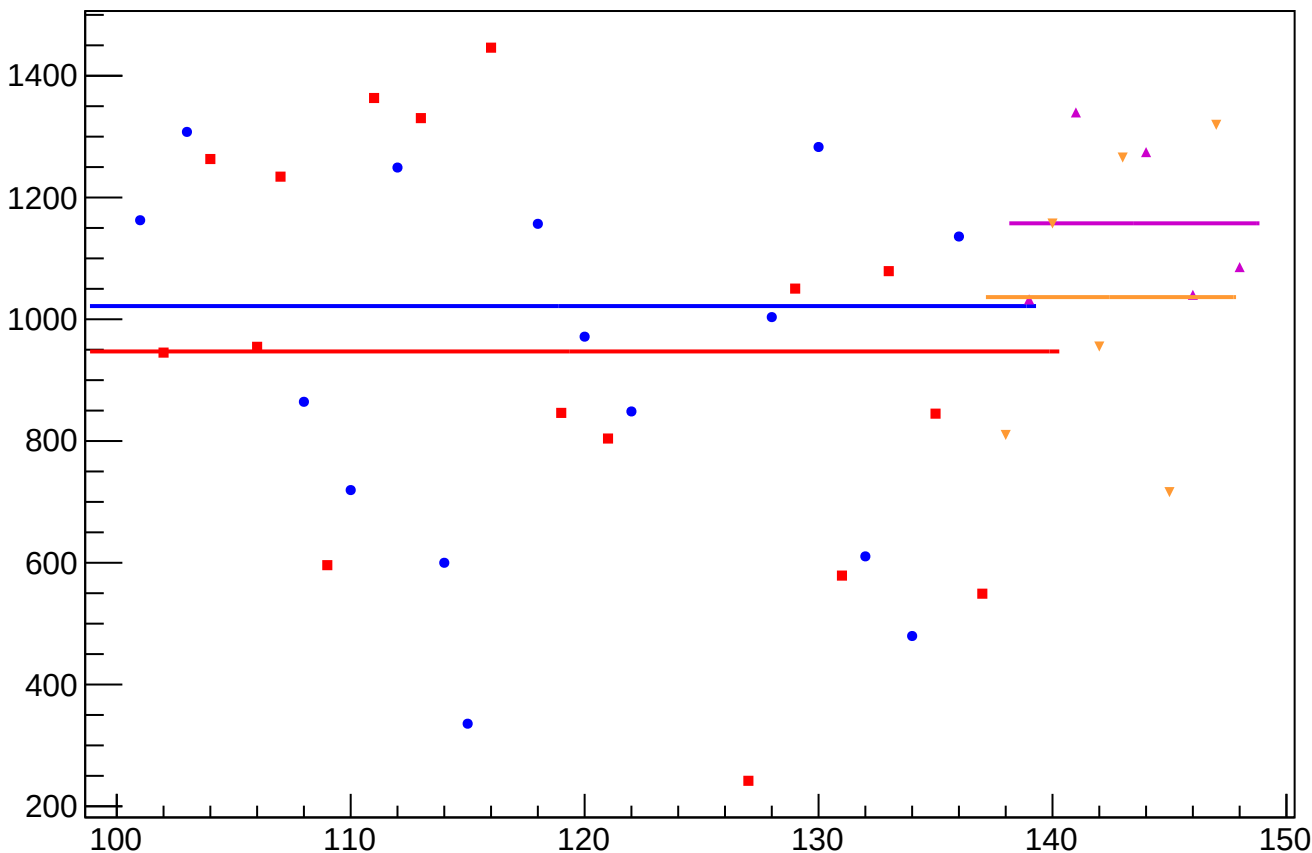
Right In: -32594.962 ± 0.000 χ^2/NDF : 209150369207000564489724529020922520141824.0/14
 Left Out: -2631.798 ± 0.000 χ^2/NDF : 456735159405004969775848529833458925568.0/5
 Right Out: -34848.046 ± 0.000 χ^2/NDF : 221127702024811719232559434097324967591936.0/15
 Left In: -3981.230 ± 0.000 χ^2/NDF : 382816675478215160413213424886342483968.0/4

dit_sam2_coil7_err_mean vs Slug



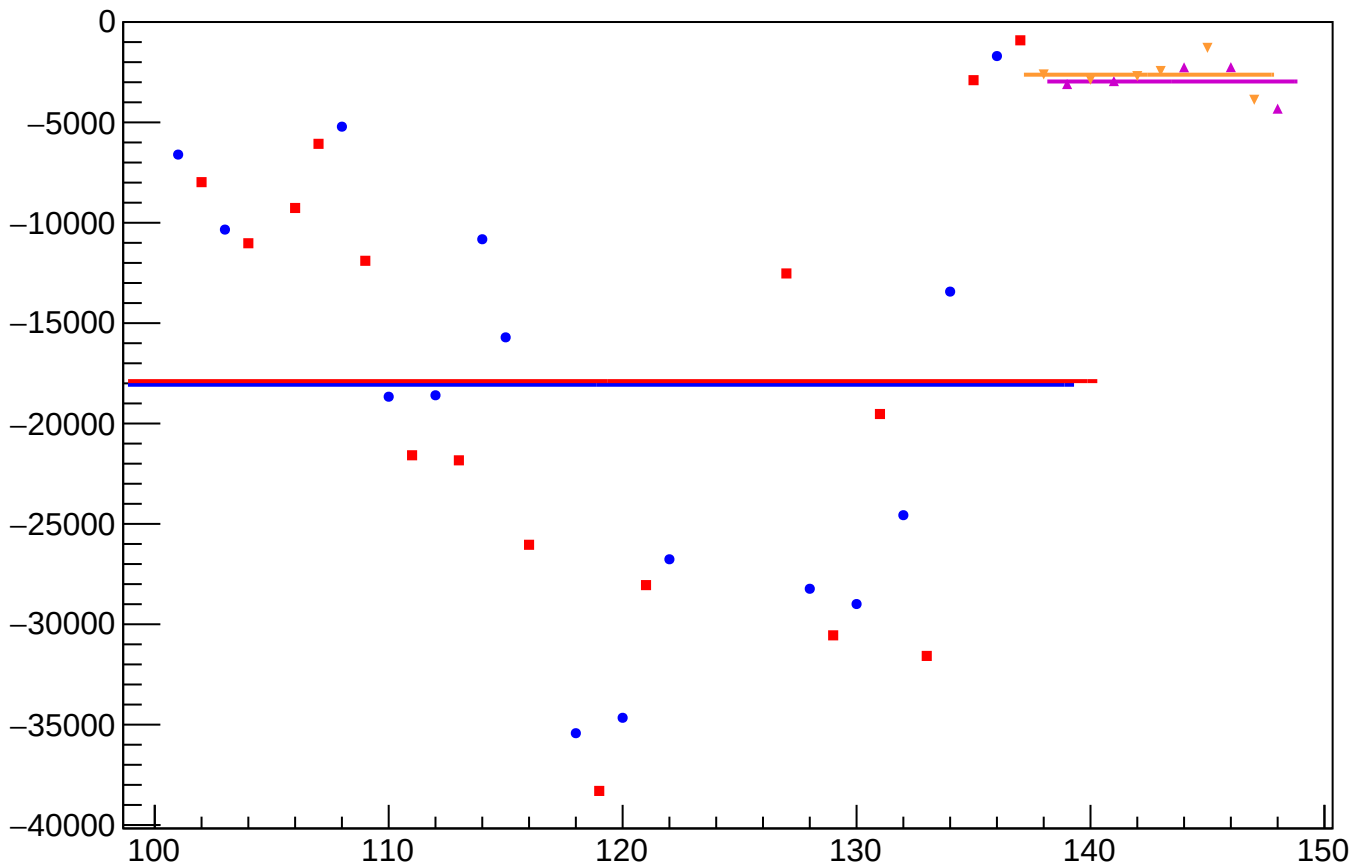
Right In: 1958.835 ± 0.000 χ^2/NDF : 1189322999631358431600643692981190131712.0/14
 Left Out: 1200.326 ± 0.000 χ^2/NDF : 24358975276939347115759168977295638528.0/5
 Right Out: 1797.392 ± 0.000 χ^2/NDF : 955096623879958195657195074614240215040.0/15
 Left In: 1295.288 ± 0.000 χ^2/NDF : 8839998405232285974096825192317714432.0/4

dit_sam2_coil7_Ndata_mean vs Slug



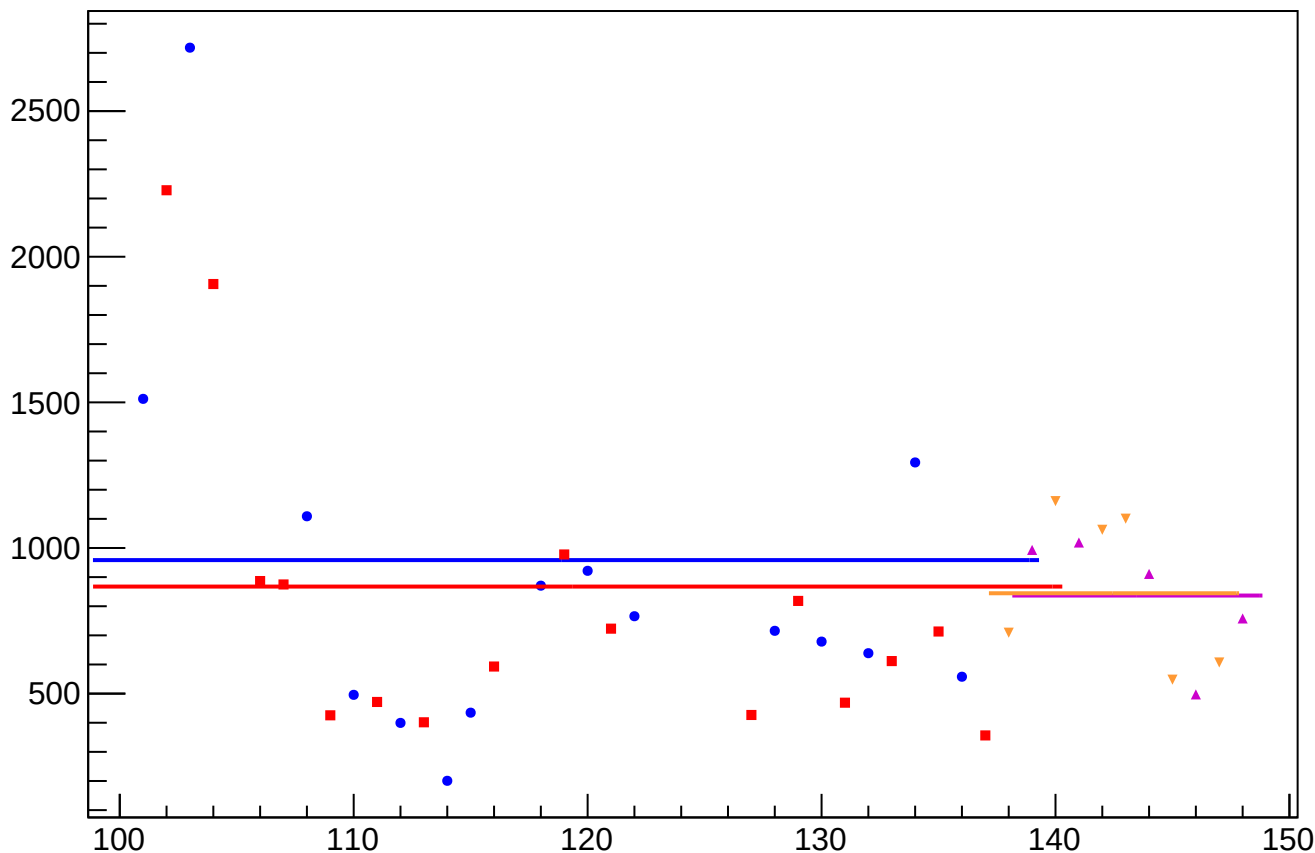
Right In: 1021.684+/-0.000 χ^2/NDF : 40493101470870278397836276403592495104.0/14
 Left Out: 1036.417+/-0.000 χ^2/NDF : 23583550491509628507489682930003869696.0/5
 Right Out: 947.145+/-0.000 χ^2/NDF : 67784656011936521511169668028018196480.0/15
 Left In: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

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: -2962.916+/-0.000 χ^2/NDF : 241501614559537525913926789971711098880.0/4
 All: -12000.758+/-0.000 χ^2/NDF : 282703870
 + sign -11896.299+/-0.000 χ^2/NDF : 146455470139
 - sign -12104.450+/-0.000 χ^2/NDF : 1362248959519

dit_sam3_coil7_err_mean vs Slug



Right In: 958.411+/-0.000 χ^2/NDF : 264733105058522822278137197070739570688.0/14

Left Out: 844.556+/-0.000 χ^2/NDF : 27747495639598744499077010708316028928.0/5

Right Out: 867.538+/-0.000 χ^2/NDF : 216129851545166714122252317604488151040.0/15

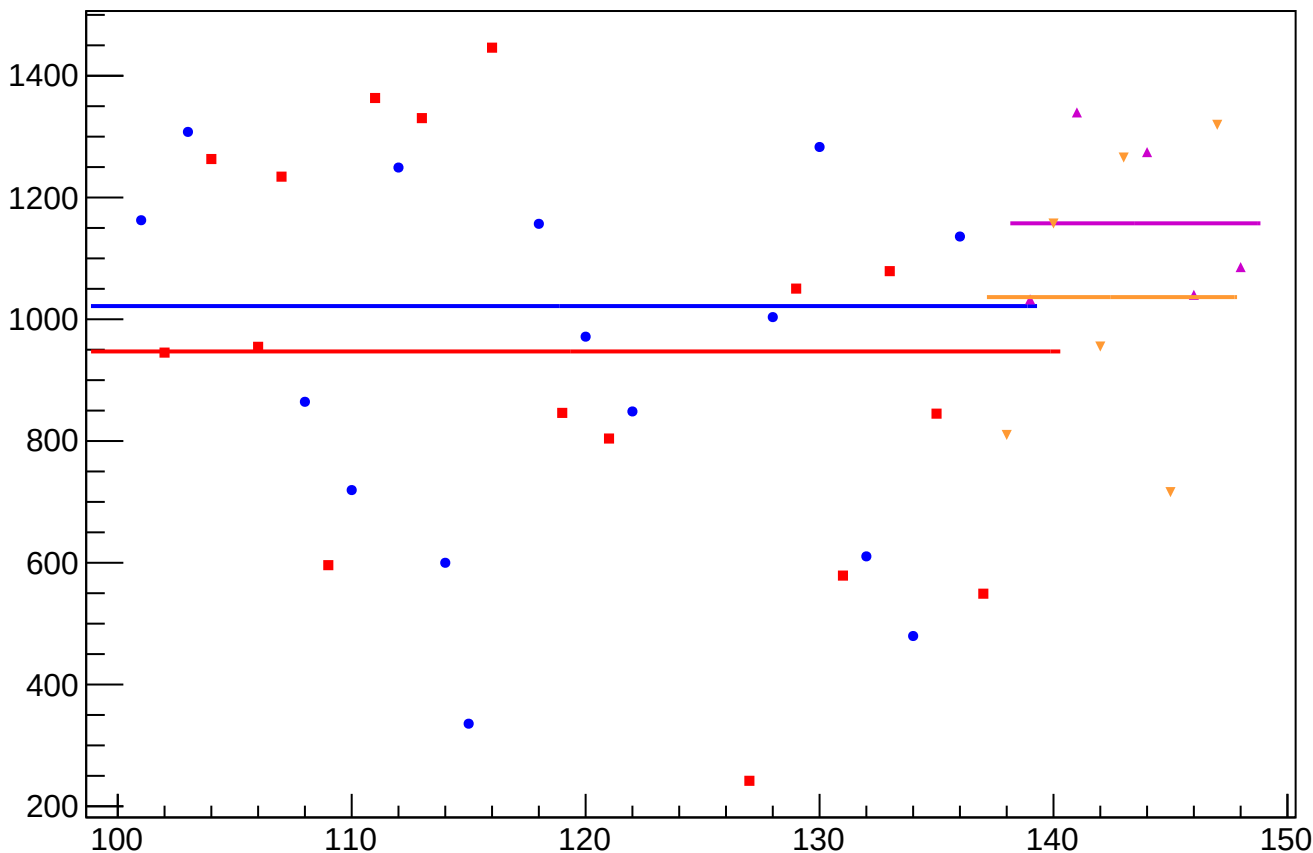
Left In: 836.740+/-0.000 χ^2/NDF : 15379849825307707864879982419982155776.0/4

+ sign 912.911+/-0.000 χ^2/NDF : 295842665165688.0/5

All: 884.151+/-0.000 χ^2/NDF : 52937915433.0/15

- sign 855.603+/-0.000 χ^2/NDF : 231754856745688.0/15

dit_sam3_coil7_Ndata_mean vs Slug



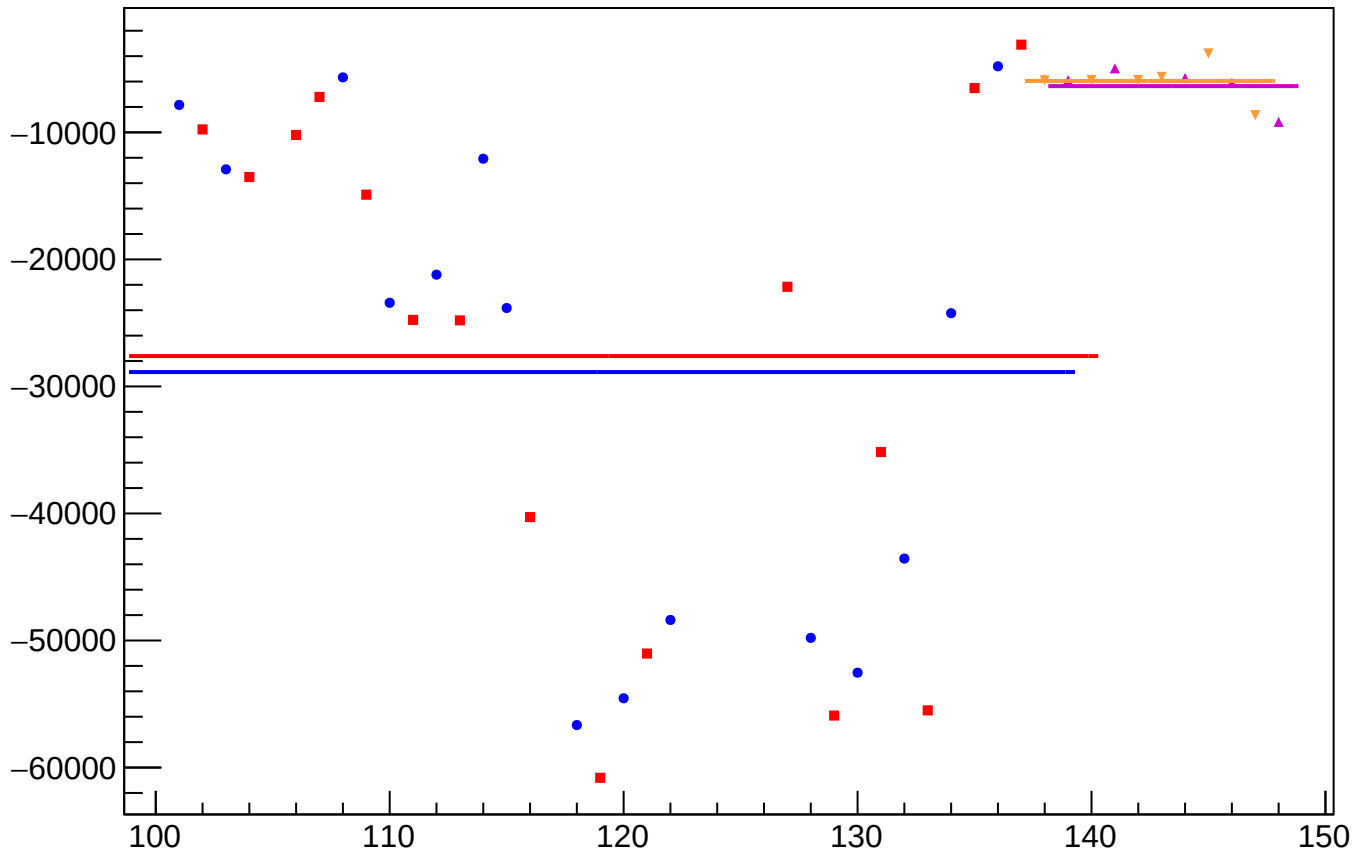
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1028.140+/-0.000 χ^2/NDF : 15024901080

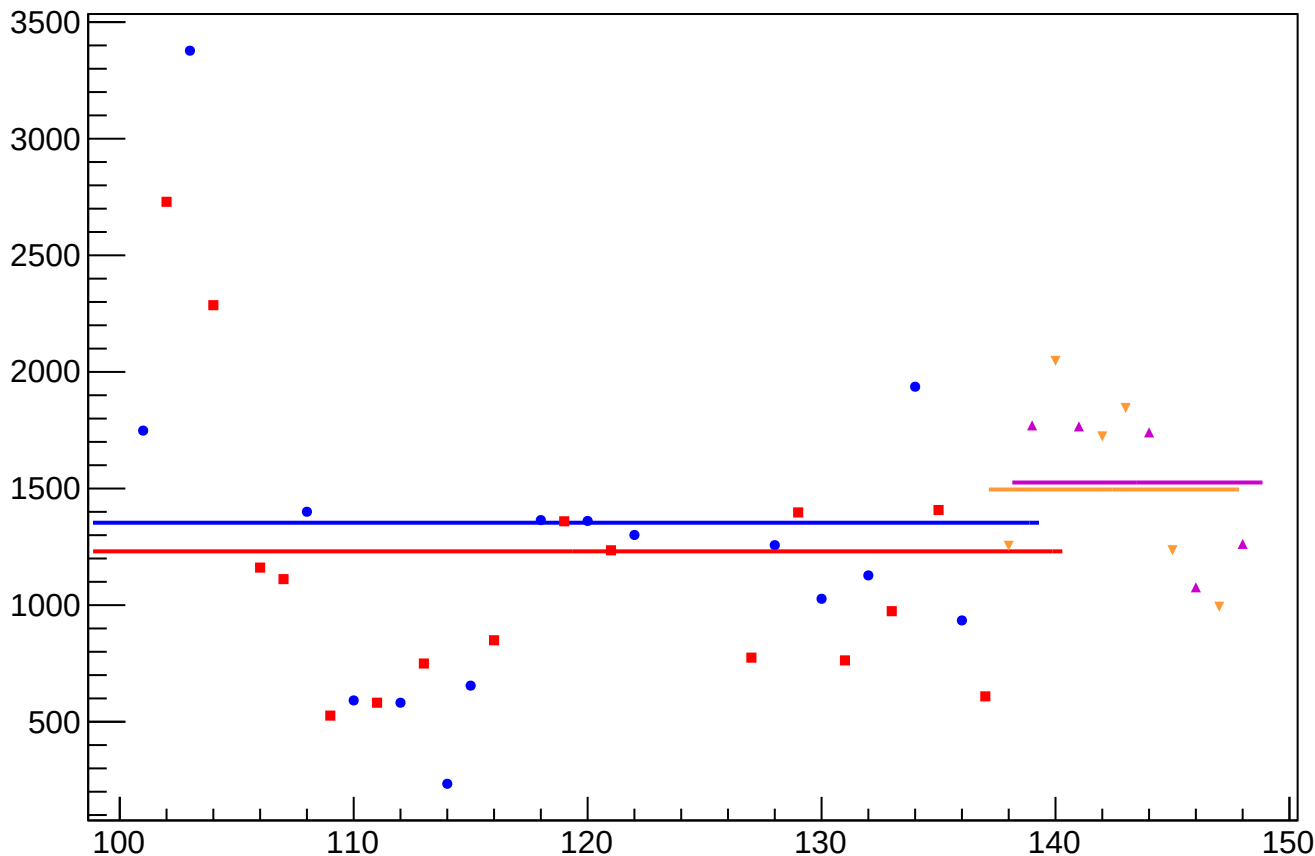
- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

dit_sam4_coil7_mean vs Slug



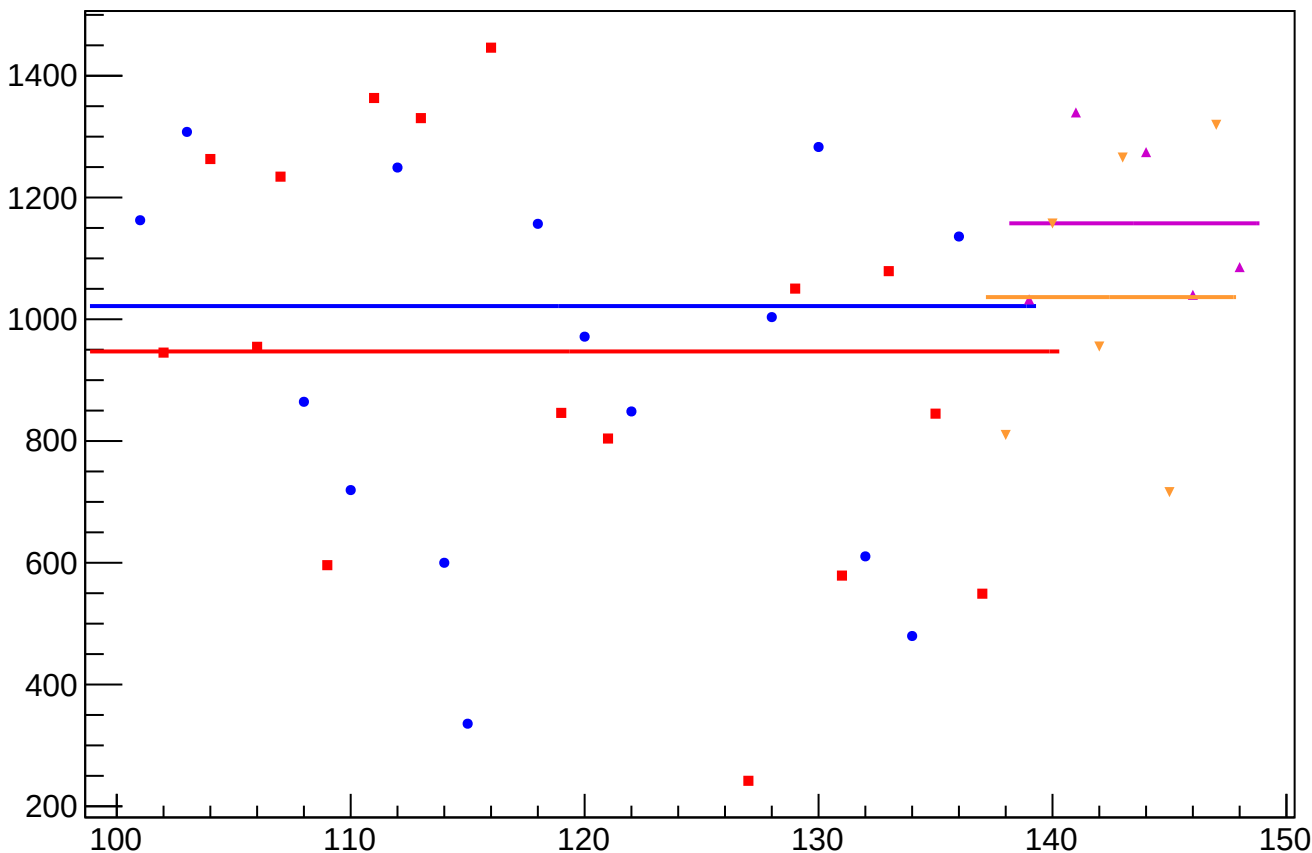
Right In: -28868.624+/-0.000 χ^2/NDF : 261450701095727362961367657926584124309504.0/14
 Left Out: -5951.343+/-0.000 χ^2/NDF : 952034471335564366346466122842452787200.0/5
 Right Out: -27610.848+/-0.000 χ^2/NDF : 248097983477523504935751571384400118546432.0/15
 Left In: -6359.458+/-0.000 χ^2/NDF : 892035029443992748904927305660618506240.0/4

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: 1377.560+/-0.000	χ^2/NDF : 76172426418
Right Out: 1230.633+/-0.000	χ^2/NDF : 276989454129150005656872744539903754240.0/15	- sign 1345.036+/-0.000	χ^2/NDF : 33600018863834
Left In: 1525.858+/-0.000	χ^2/NDF : 36482937597525802734495919524802461696.0/4		

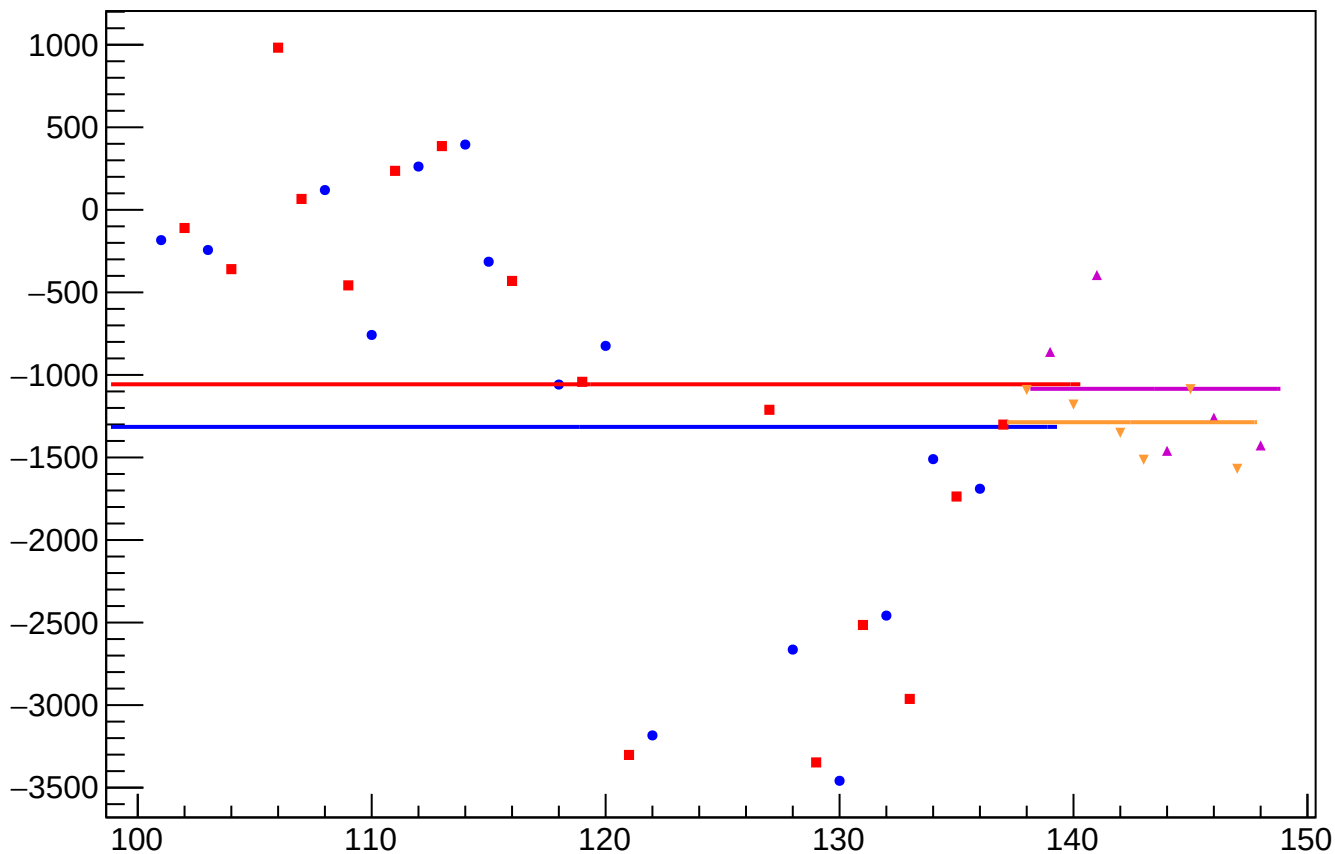
dit_sam4_coil7_Ndata_mean vs Slug



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: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648
 All: 1028.140+/-0.000 χ^2/NDF : 15024901080
 - sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

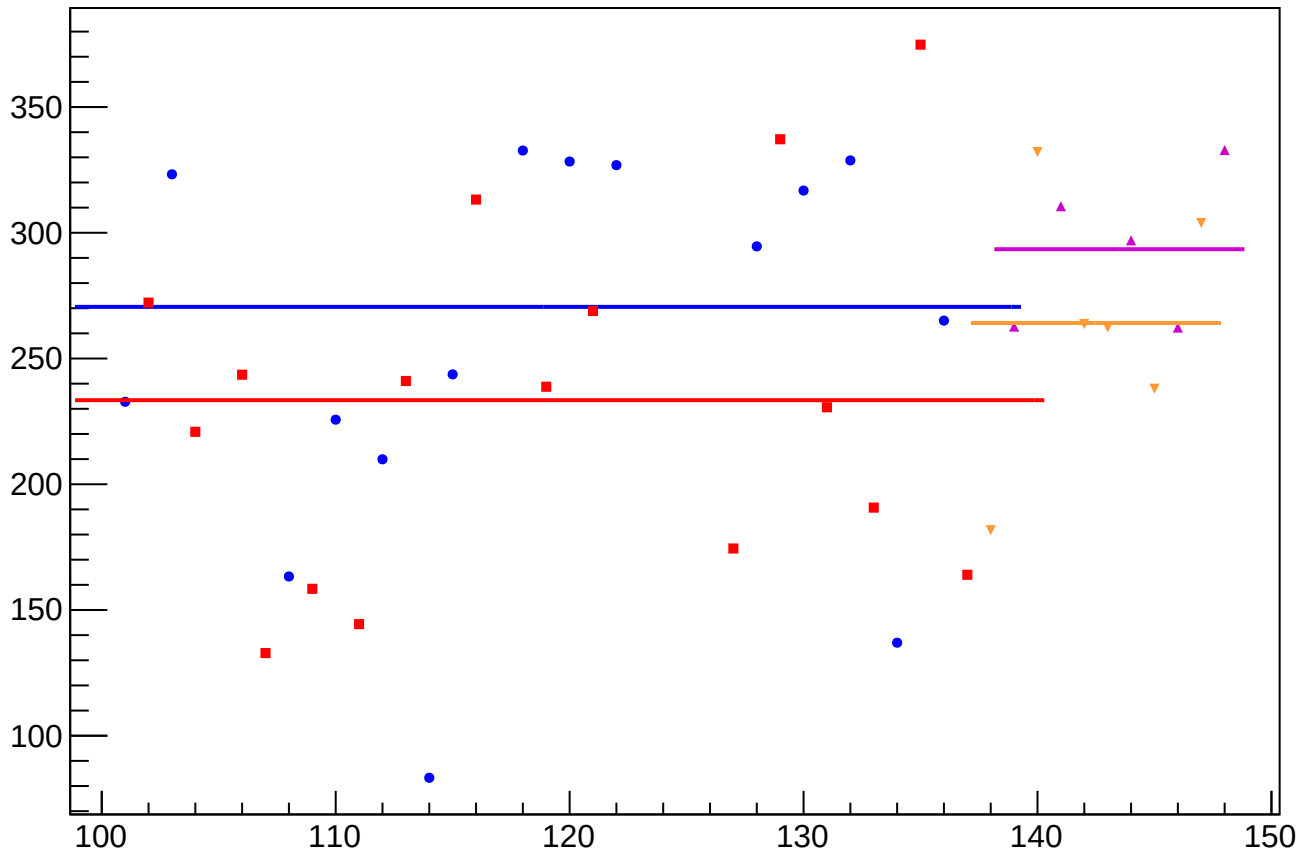
dit_sam5_coil7_mean vs Slug



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: -1084.202+/-0.000	χ^2/NDF : 69398267532597516582440912775811170304.0/4

+ sign -1303.448+/-0.000 χ^2/NDF : 9833121883054
 All: -1184.987+/-0.000 χ^2/NDF : 2210274130
 - sign -1067.397+/-0.000 χ^2/NDF : 11967344360677

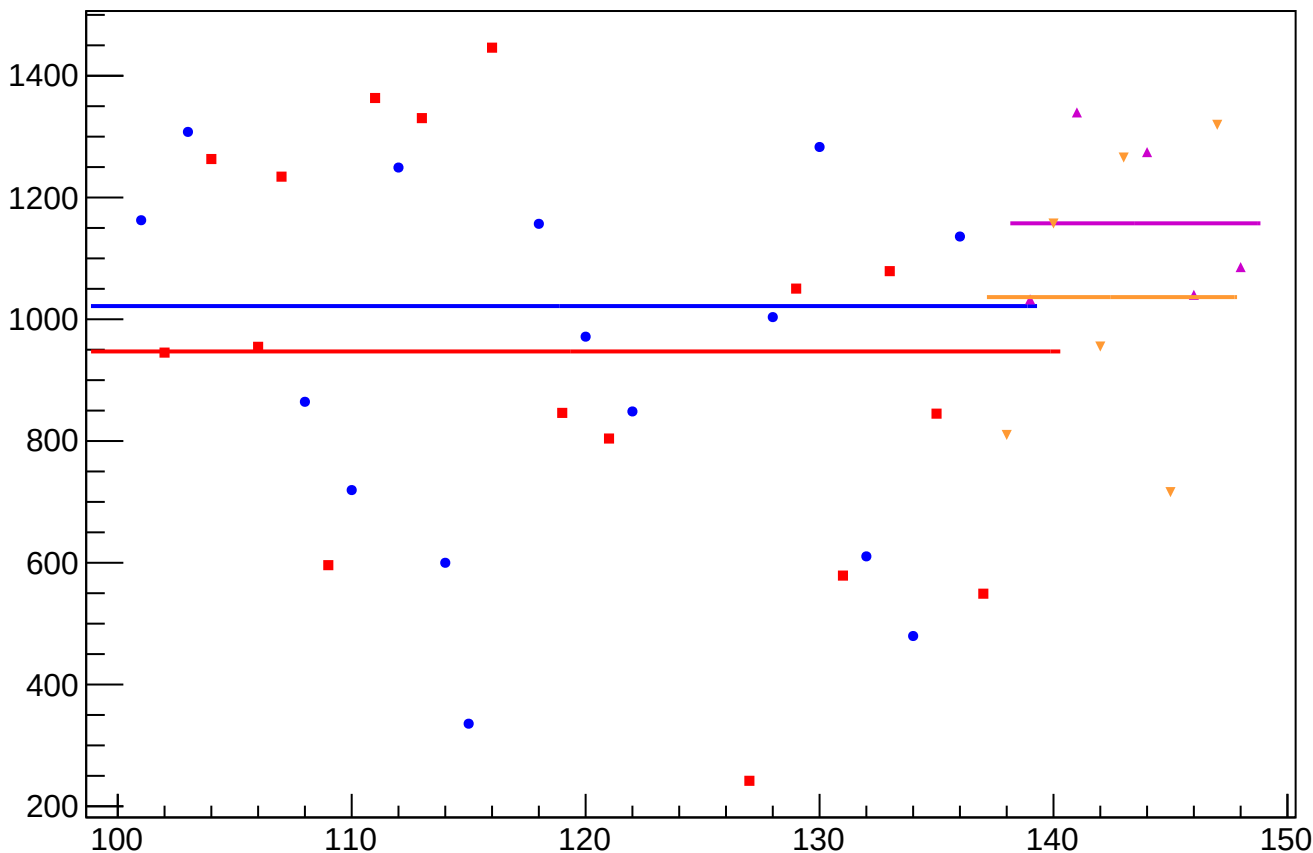
dit_sam5_coil7_err_mean vs Slug



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: 293.468+/-0.000	χ^2/NDF : 313863591105502705859527010485796864.0/4

+ sign 267.972+/-0.000 χ^2/NDF : 357219830659207
 All: 262.310+/-0.000 χ^2/NDF : 793559678040
 - sign 256.690+/-0.000 χ^2/NDF : 429434370440204

dit_sam5_coil7_Ndata_mean vs Slug



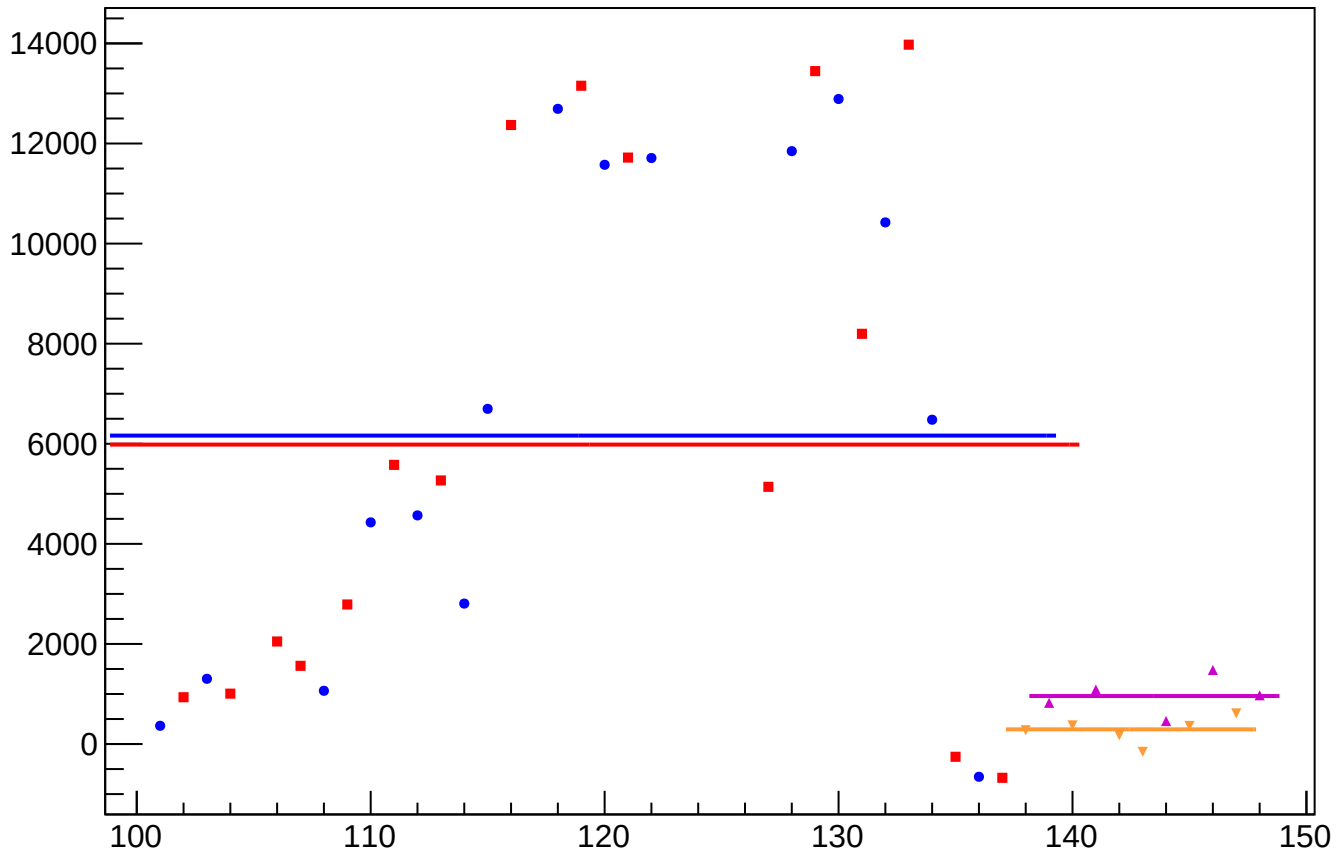
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1028.140+/-0.000 χ^2/NDF : 15024901080

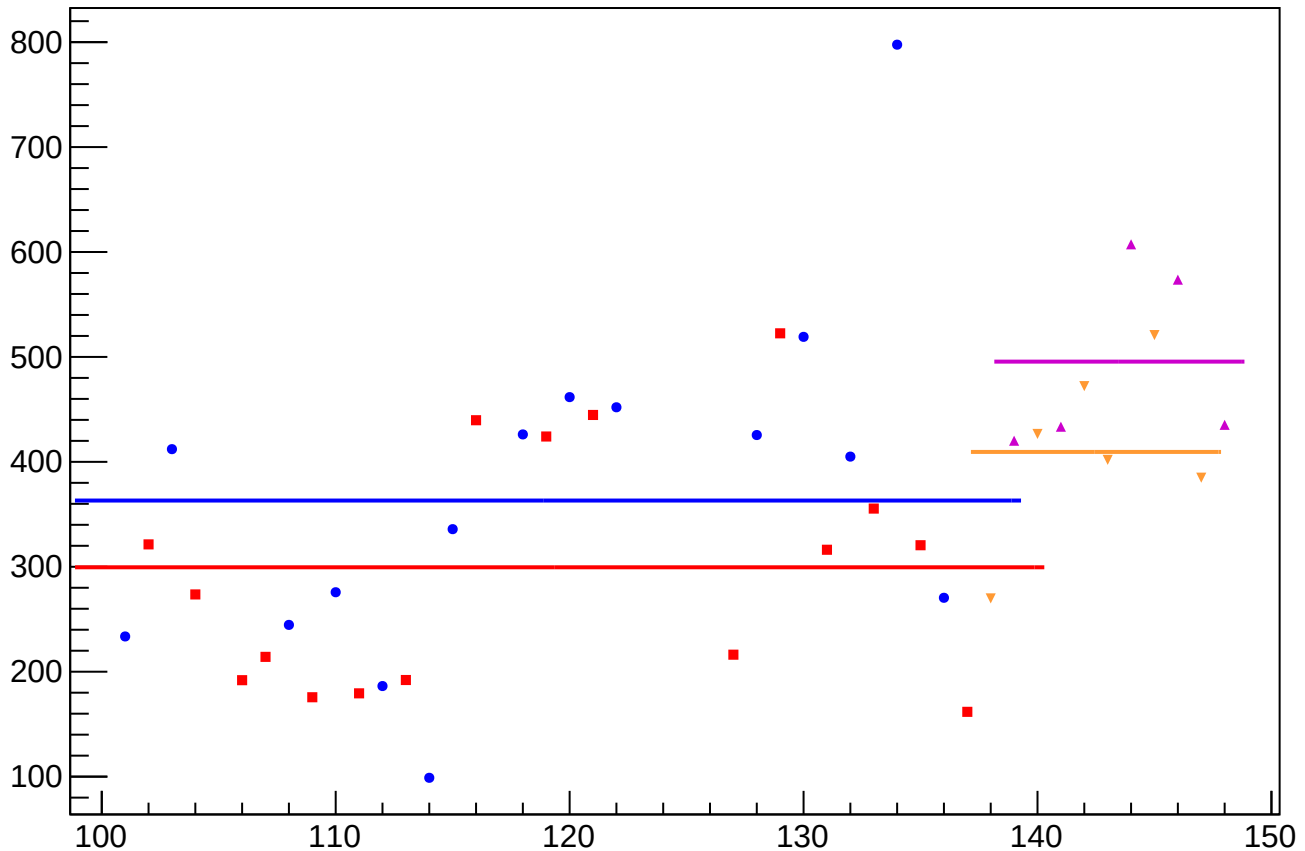
- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

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: 959.326+/-0.000 χ^2/NDF : 47660324877967094263957316549298094080.0/4

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

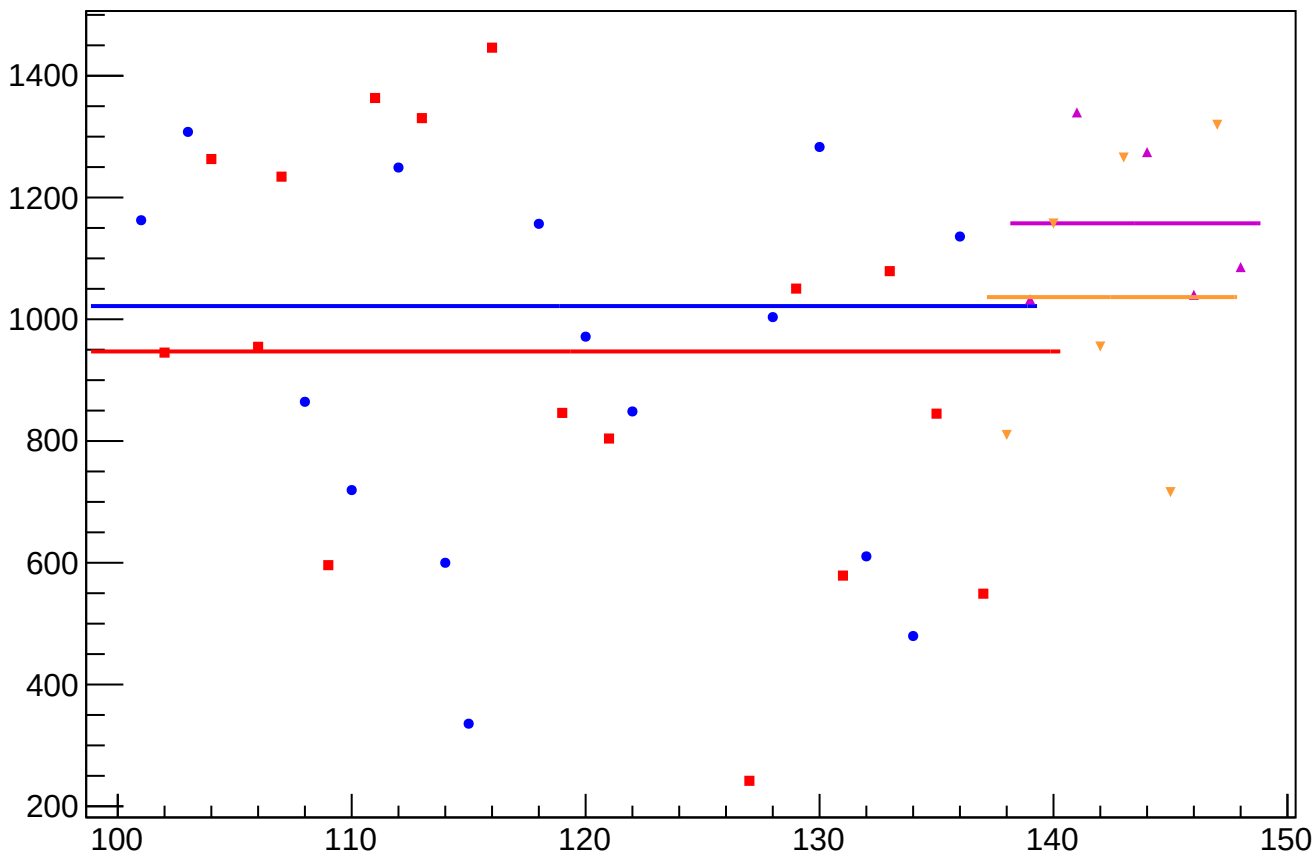
Right Out: 299.514+/-0.000 χ^2/NDF : 7685497318744225218354652828984672256.0/15

Left In: 495.526+/-0.000 χ^2/NDF : 2710985866785603175441758747124301824.0/4

All: 378.549+/-0.000 χ^2/NDF : 351876111170

- sign 375.471+/-0.000 χ^2/NDF : 203270694879184

dit_sam6_coil7_Ndata_mean vs Slug



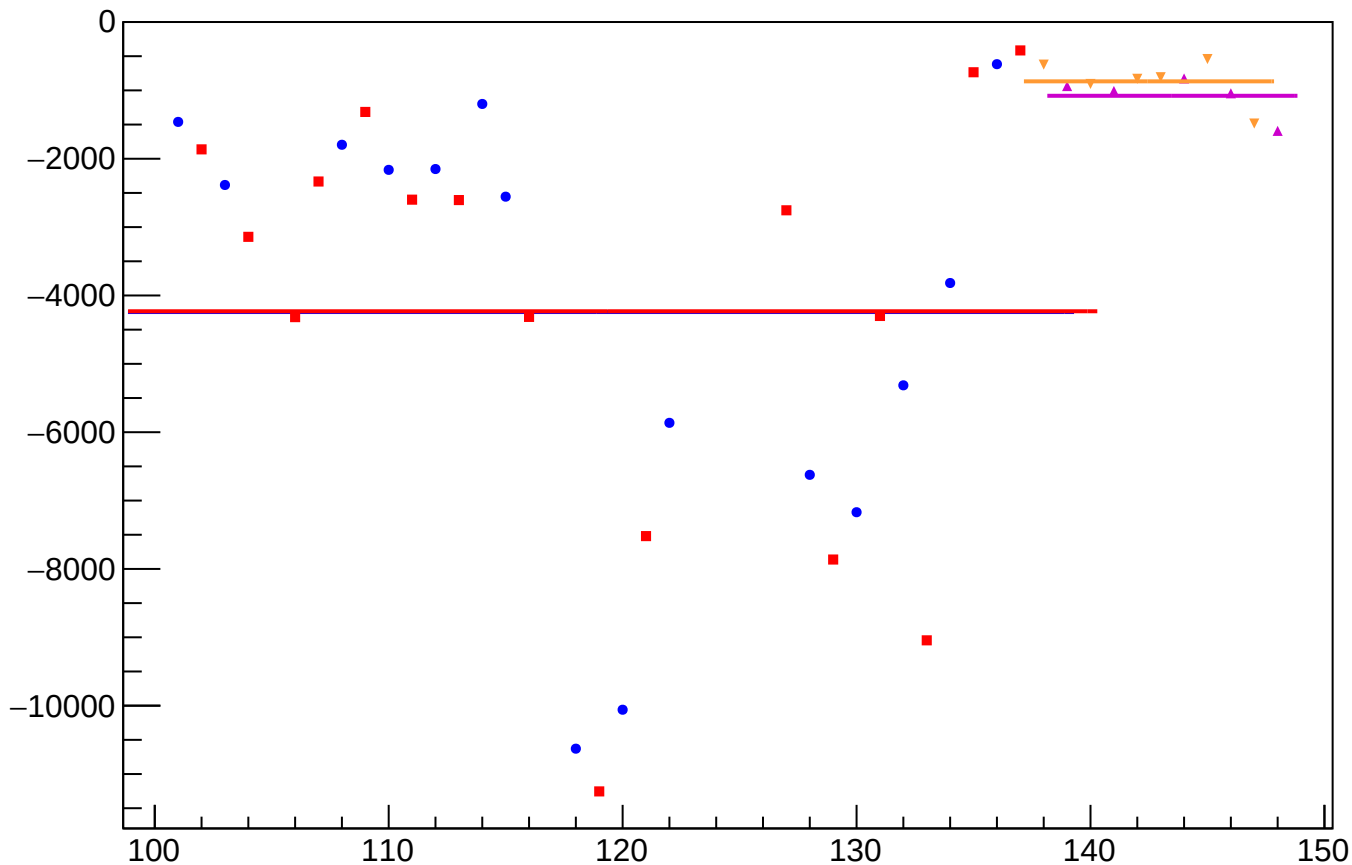
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1028.140+/-0.000 χ^2/NDF : 15024901080

- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

dit_sam7_coil7_mean vs Slug



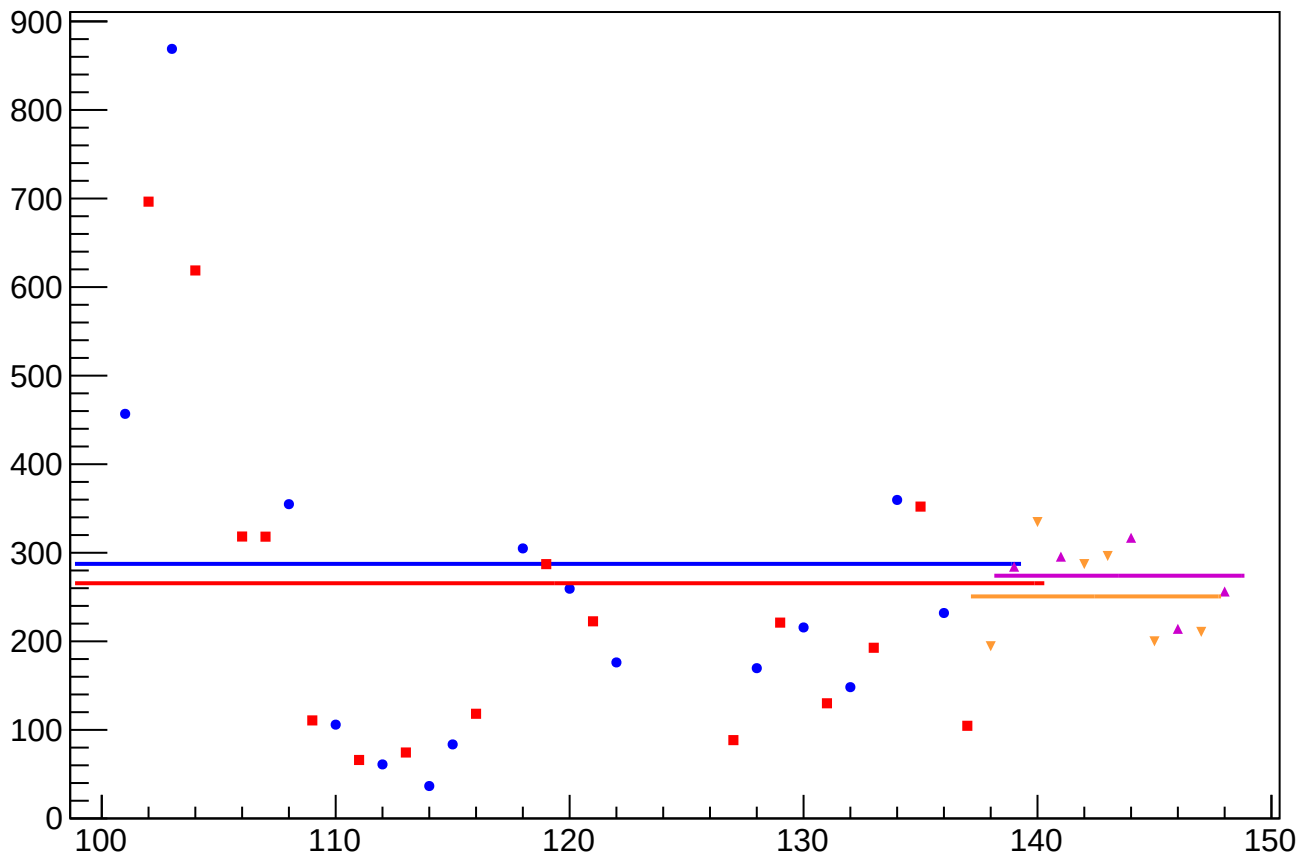
Right In: -4242.174+/-0.000 χ^2/NDF : 6783472272174151371145601081742110752768.0/14

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: -1079.052+/-0.000 χ^2/NDF : 30010790974276028579952101161665822720.0/4

dit_sam7_coil7_err_mean vs Slug



Right In: 287.460+/-0.000 χ^2/NDF : 29517044144826155936619151581366976512.0/14

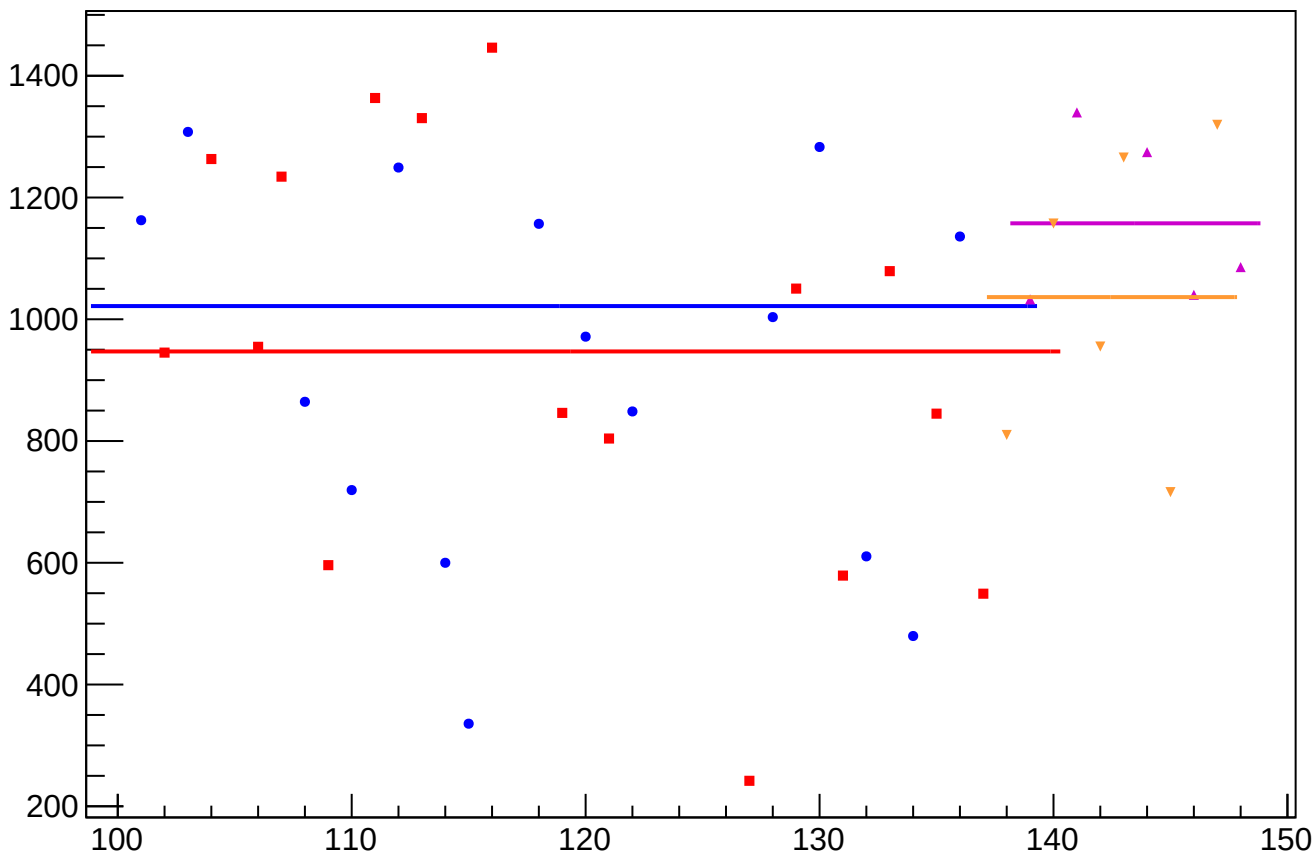
Left Out: 250.710+/-0.000 χ^2/NDF : 1359300647522779163440459334459326464.0/5

Right Out: 265.593+/-0.000 χ^2/NDF : 25843263106329059274985499259066908672.0/15

Left In: 274.096+/-0.000 χ^2/NDF : 536430674983043484216633355533287424.0/4

All: 270.824+/-0.000 χ^2/NDF : 576331865163

dit_sam7_coil7_Ndata_mean vs Slug



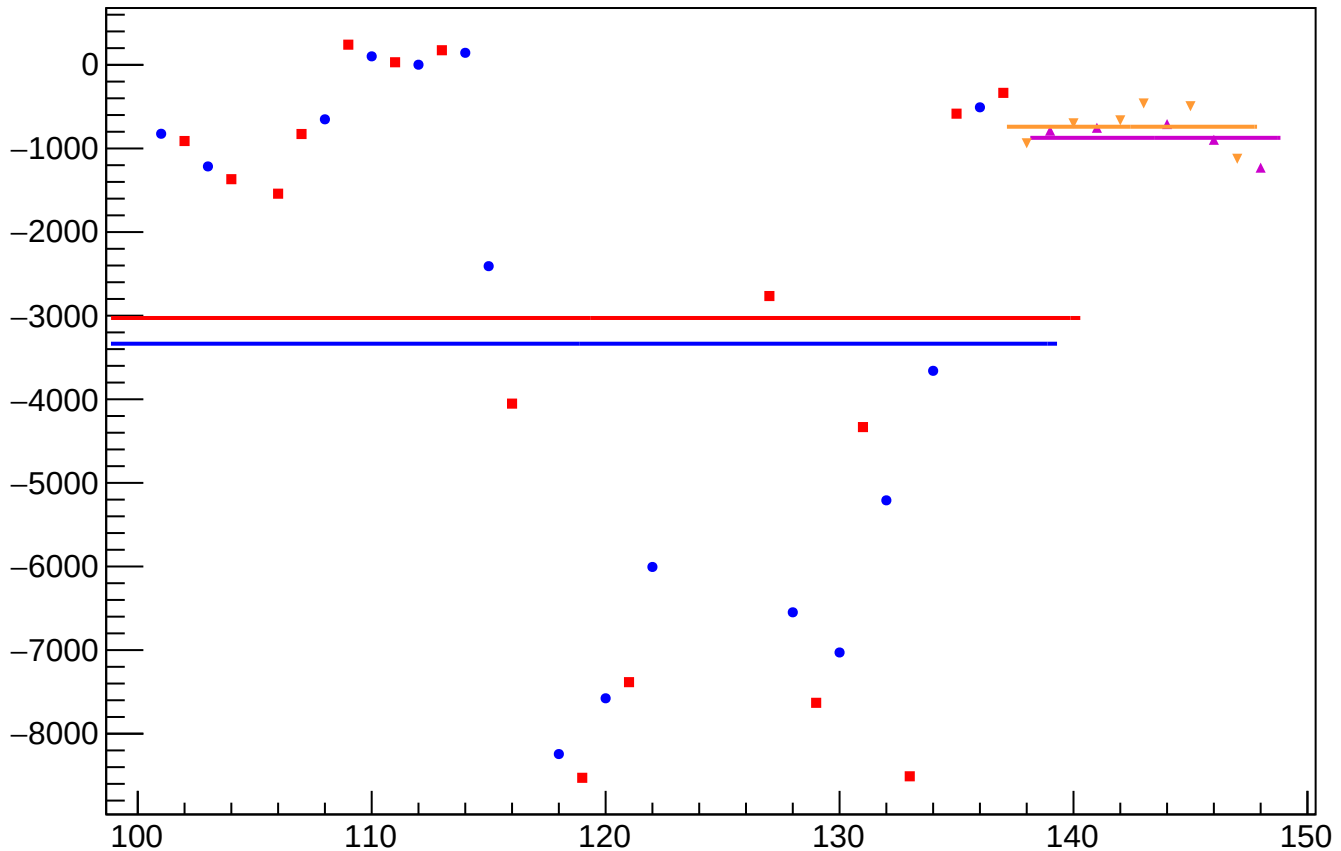
Right In: 1021.684+/-0.000	χ^2/NDF : 40493101470870278397836276403592495104.0/14
Left Out: 1036.417+/-0.000	χ^2/NDF : 23583550491509628507489682930003869696.0/5
Right Out: 947.145+/-0.000	χ^2/NDF : 67784656011936521511169668028018196480.0/15
Left In: 1157.614+/-0.000	χ^2/NDF : 6881283599609009361703308275744768000.0/4

+ sign 1027.572+/-0.000 χ^2/NDF : 64132945409648

All: 1028.140+/-0.000 χ^2/NDF : 15024901080

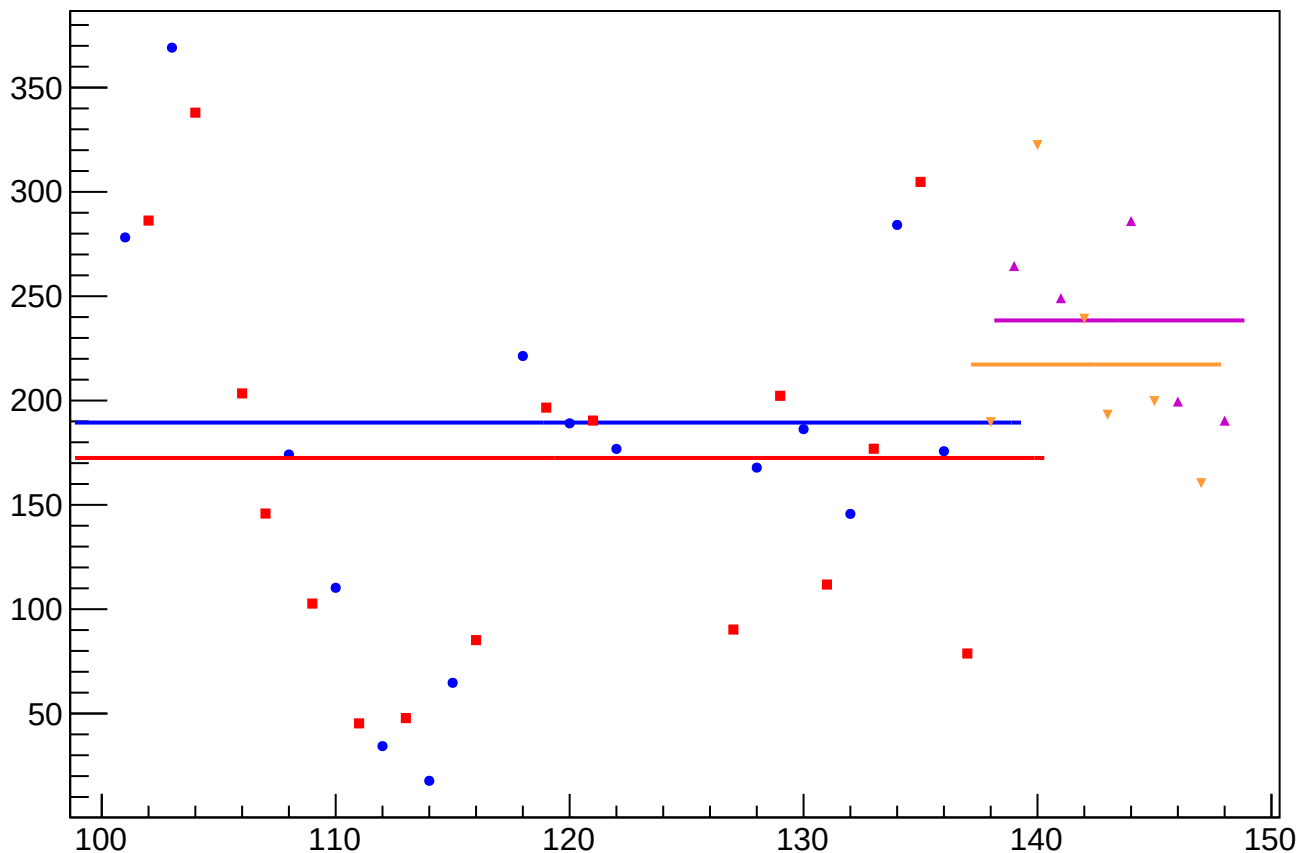
- sign 1028.704+/-0.000 χ^2/NDF : 86115369467423

dit_sam8_coil7_mean vs Slug



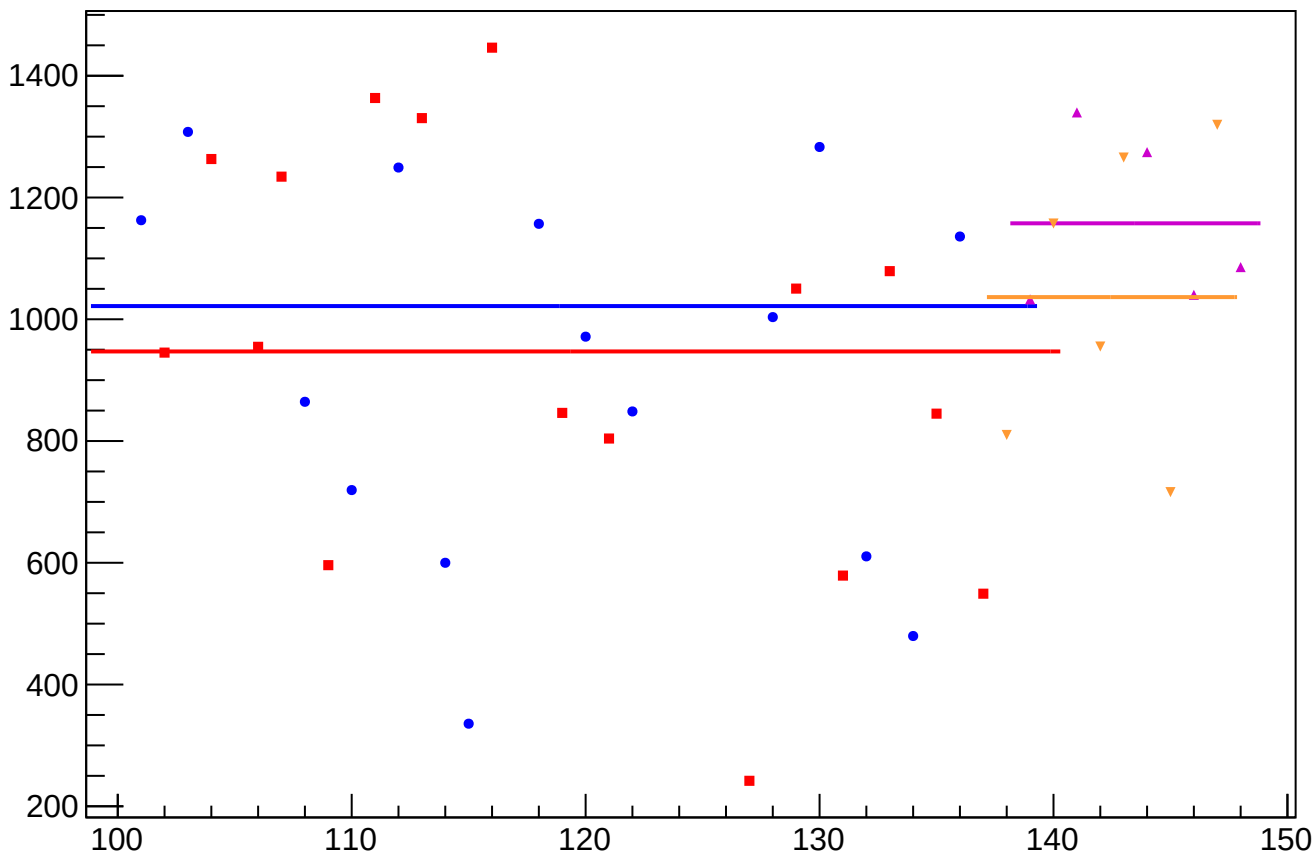
Right In: -3335.273+/-0.000 χ^2/NDF : 6338087251589637529030075517152423575552.0/14
 Left Out: -739.975+/-0.000 χ^2/NDF : 24980634831663245906969530421055848448.0/5
 Right Out: -3027.603+/-0.000 χ^2/NDF : 7086157086694396583090903767581326311424.0/15
 Left In: -872.765+/-0.000 χ^2/NDF : 14972353557064695163253954912540688384.0/4

dit_sam8_coil7_err_mean vs Slug



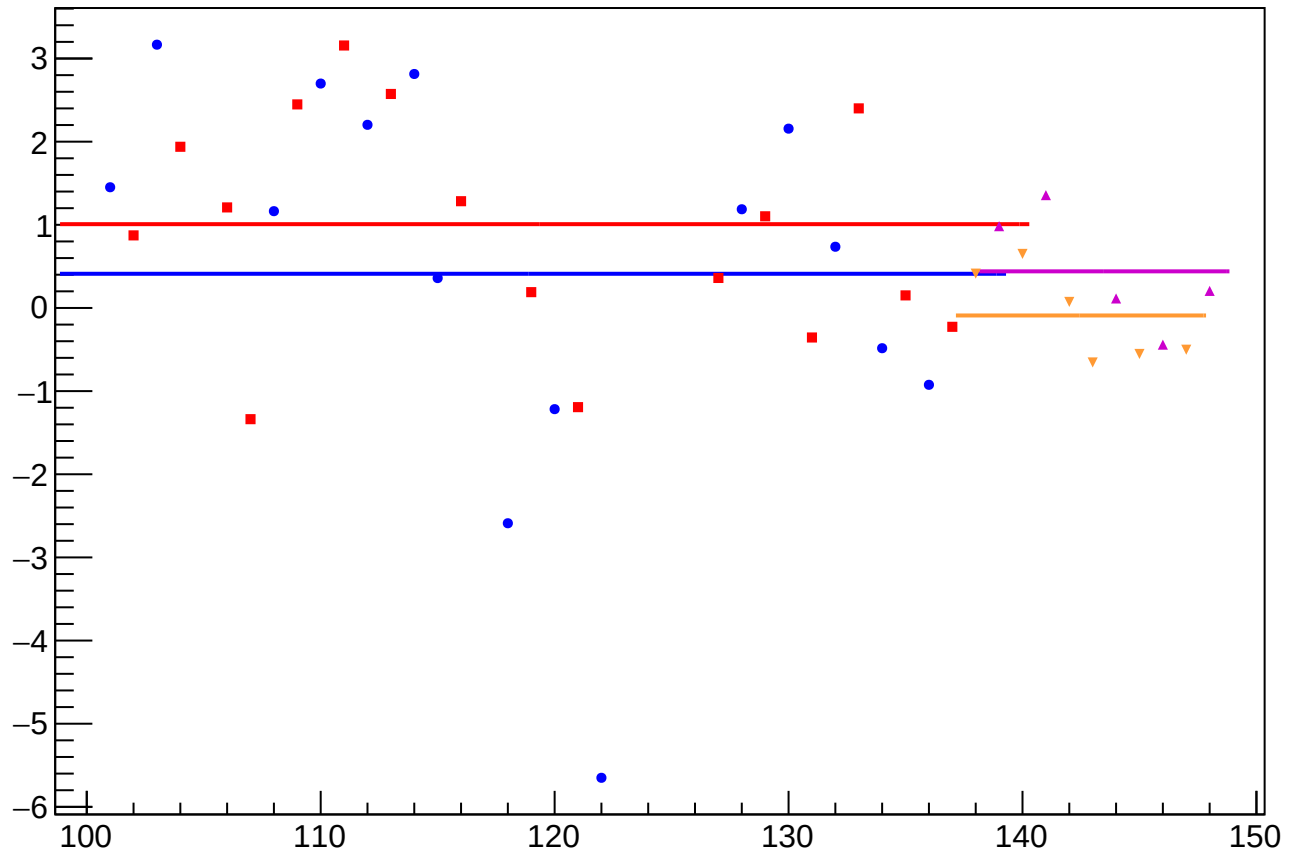
Right In: 189.442 +/- 0.000 $\chi^2/\text{NDF} = 4707234253929700721726064108794544128.0/14$
 Left Out: 217.273 +/- 0.000 $\chi^2/\text{NDF} = 1304641989611327332086727646484889600.0/5$
 Right Out: 172.485 +/- 0.000 $\chi^2/\text{NDF} = 5594813408996728261938711470404534272.0/15$
 Left In: 238.400 +/- 0.000 $\chi^2/\text{NDF} = 586081774505361071889358926748057600.0/4$

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: 1157.614+/-0.000 χ^2/NDF : 6881283599609009361703308275744768000.0/4

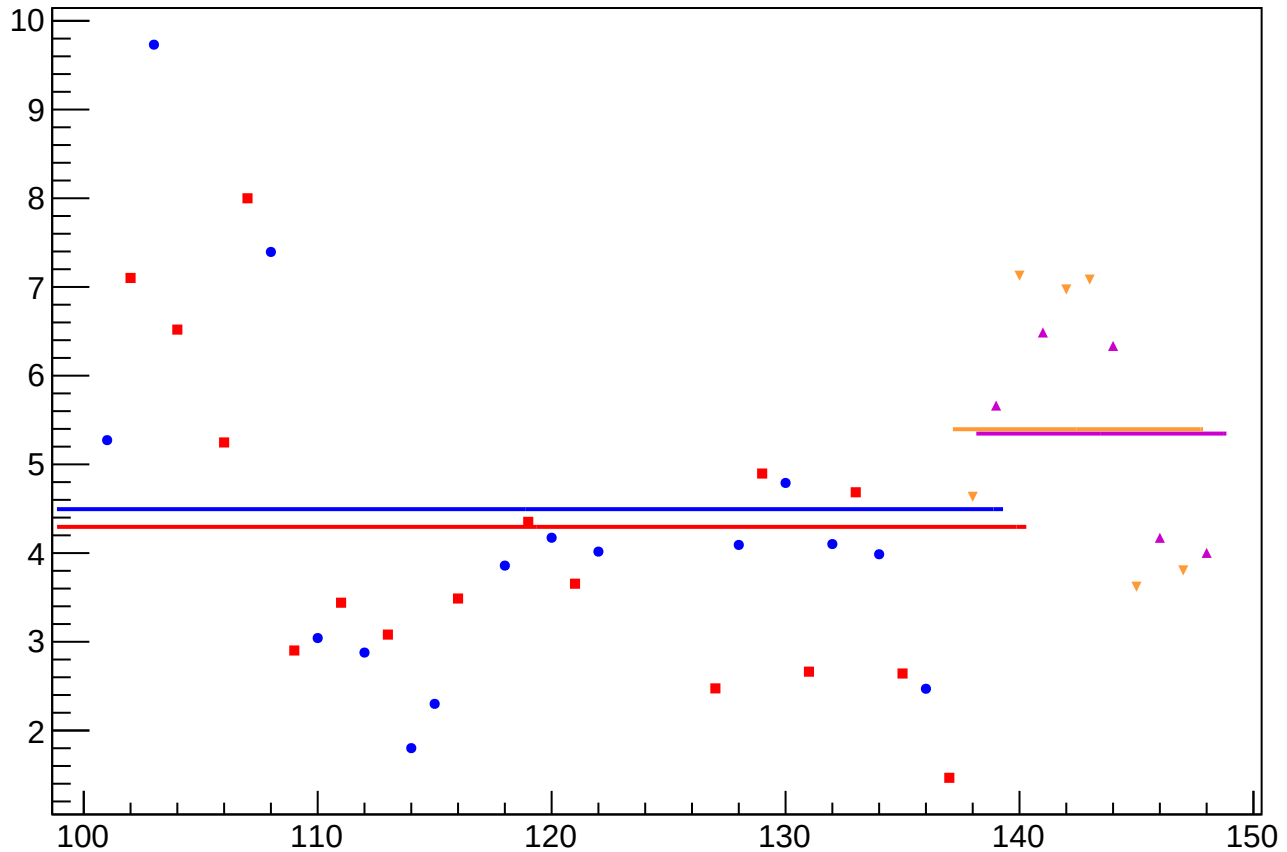
dit_4aX_coil4_mean vs Slug



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: 0.440+/-0.000	χ^2/NDF : 173877743077158082501822428217344.0/4

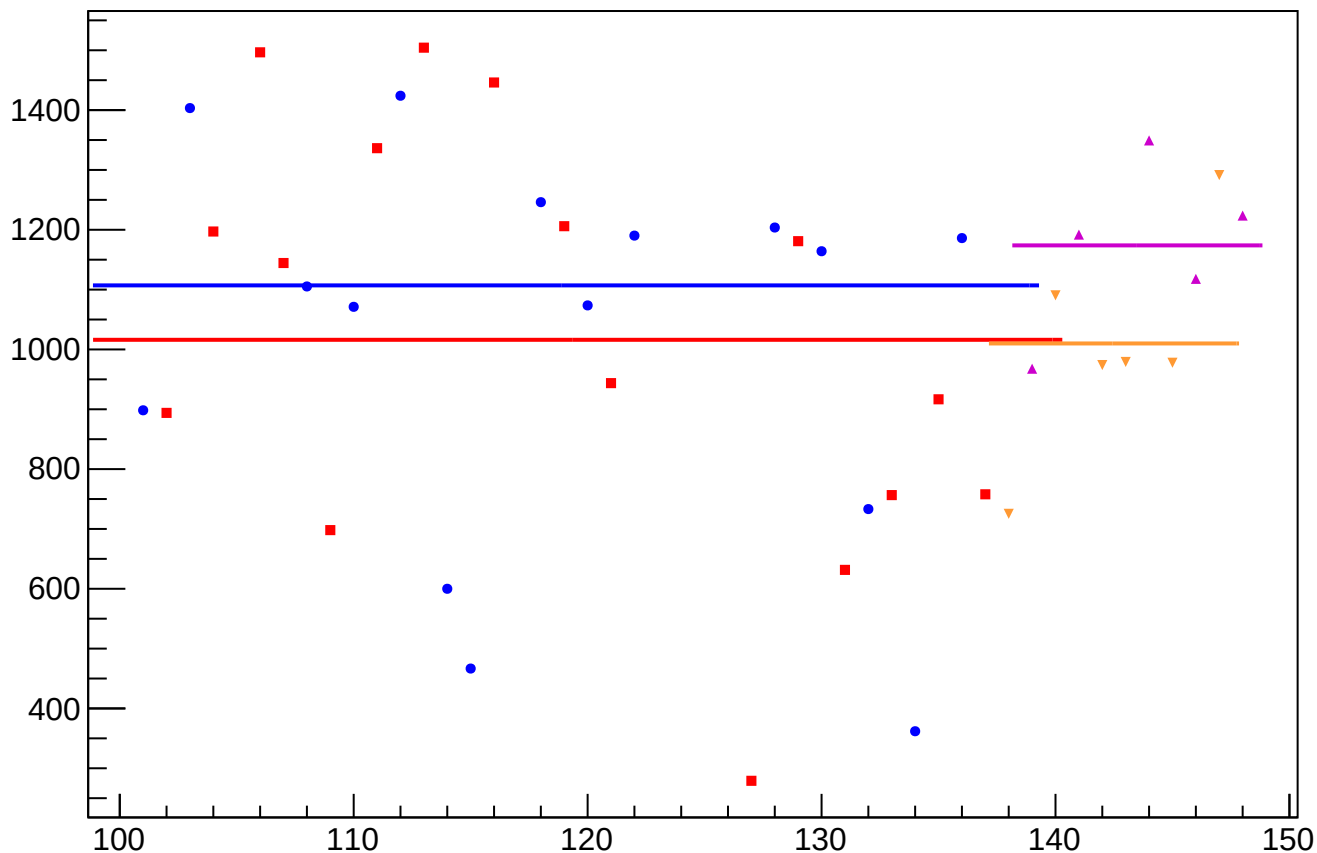
+ sign 0.211+/-0.000 χ^2/NDF : 35686871816153643
 All: 0.500+/-0.000 χ^2/NDF : 51349029518783
 - sign 0.788+/-0.000 χ^2/NDF : 13855169935499023

dit_4aX_coil4_err_mean vs Slug



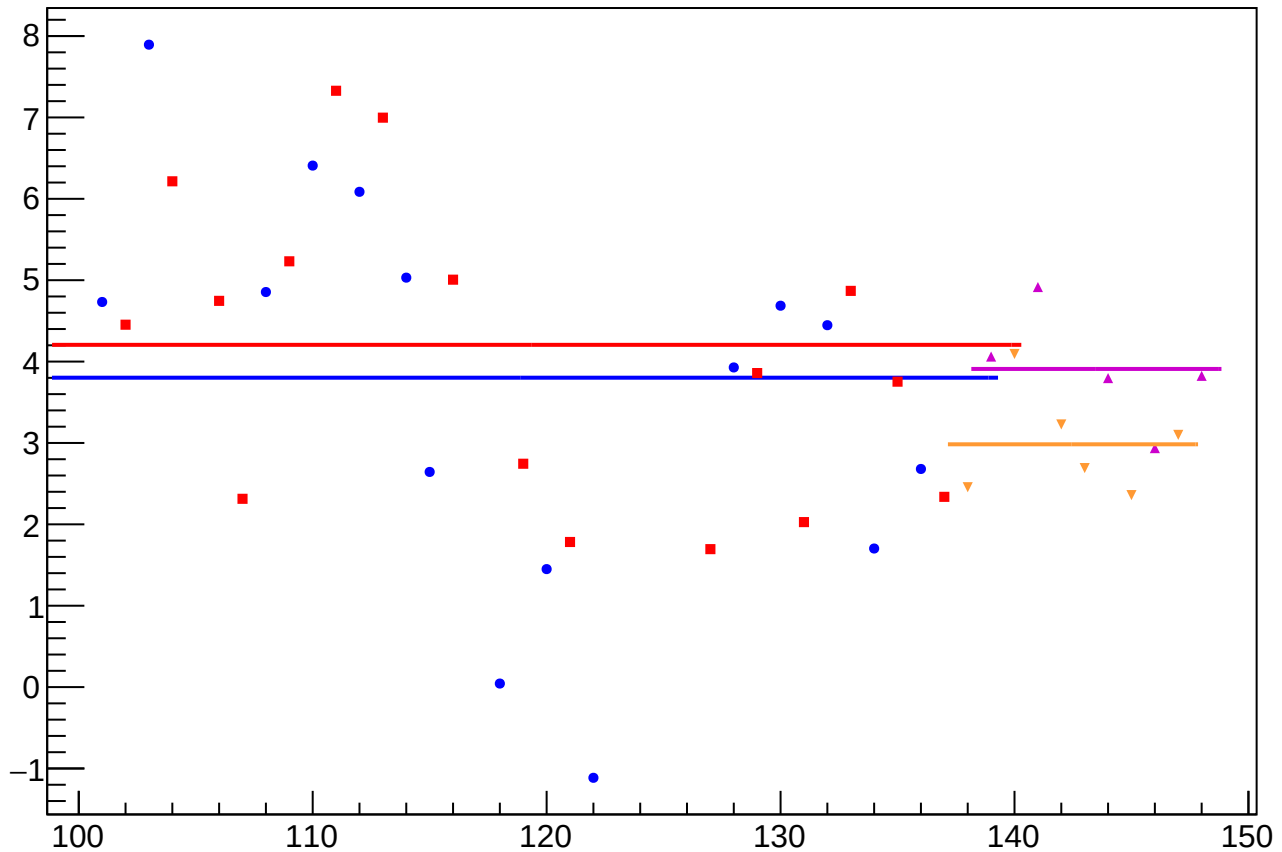
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 2742240072441097531500728791597056.0/14
 Left Out: 5.396 $\pm$ 0.000 χ^2 /NDF: 1048560096602643720332017032757248.0/5
 Right Out: 4.296 $\pm$ 0.000 χ^2 /NDF: 2011925707062051890381007475441664.0/15
 Left In: 5.347 $\pm$ 0.000 χ^2 /NDF: 471907404977129999876676768497664.0/4

dit_4aX_coil4_Ndata_mean vs Slug



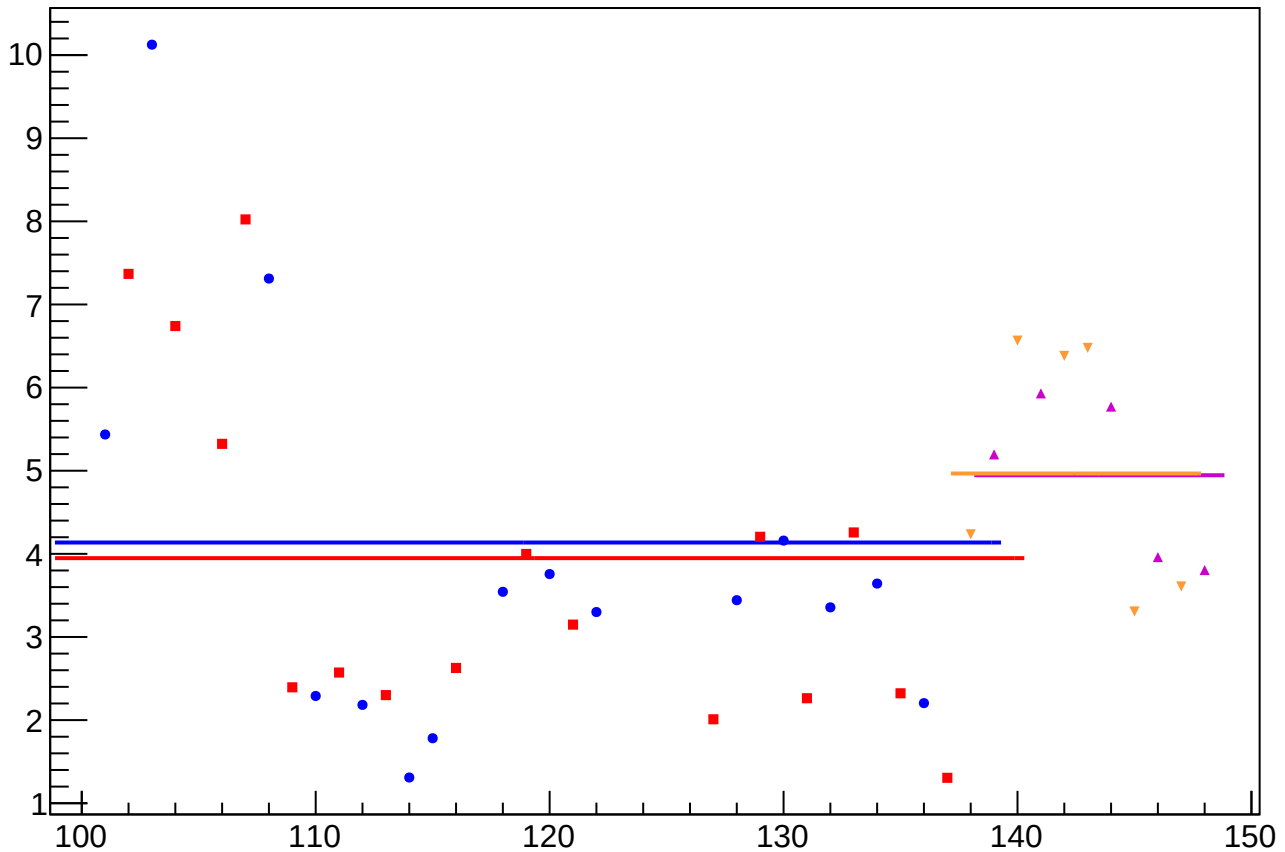
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1068.265+/-0.000	χ^2/NDF : 56315523589353
Left Out: 1009.995+/-0.000	χ^2/NDF : 13238505208121456504355975514007011328.0/5	All: 1072.776+/-0.000	χ^2/NDF : 14203809603
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1077.253+/-0.000	χ^2/NDF : 85678748120132
Left In: 1173.900+/-0.000	χ^2/NDF : 6675446999220672067512348047168241664.0/4		

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: 3.910+/-0.000	χ^2/NDF : 168283581529725741267619841835008.0/4
	All: 3.784+/-0.000 χ^2/NDF : 66263125768396
	+ sign 3.475+/-0.000 χ^2/NDF : 41330301451443480
	- sign 4.091+/-0.000 χ^2/NDF : 22873808018110268

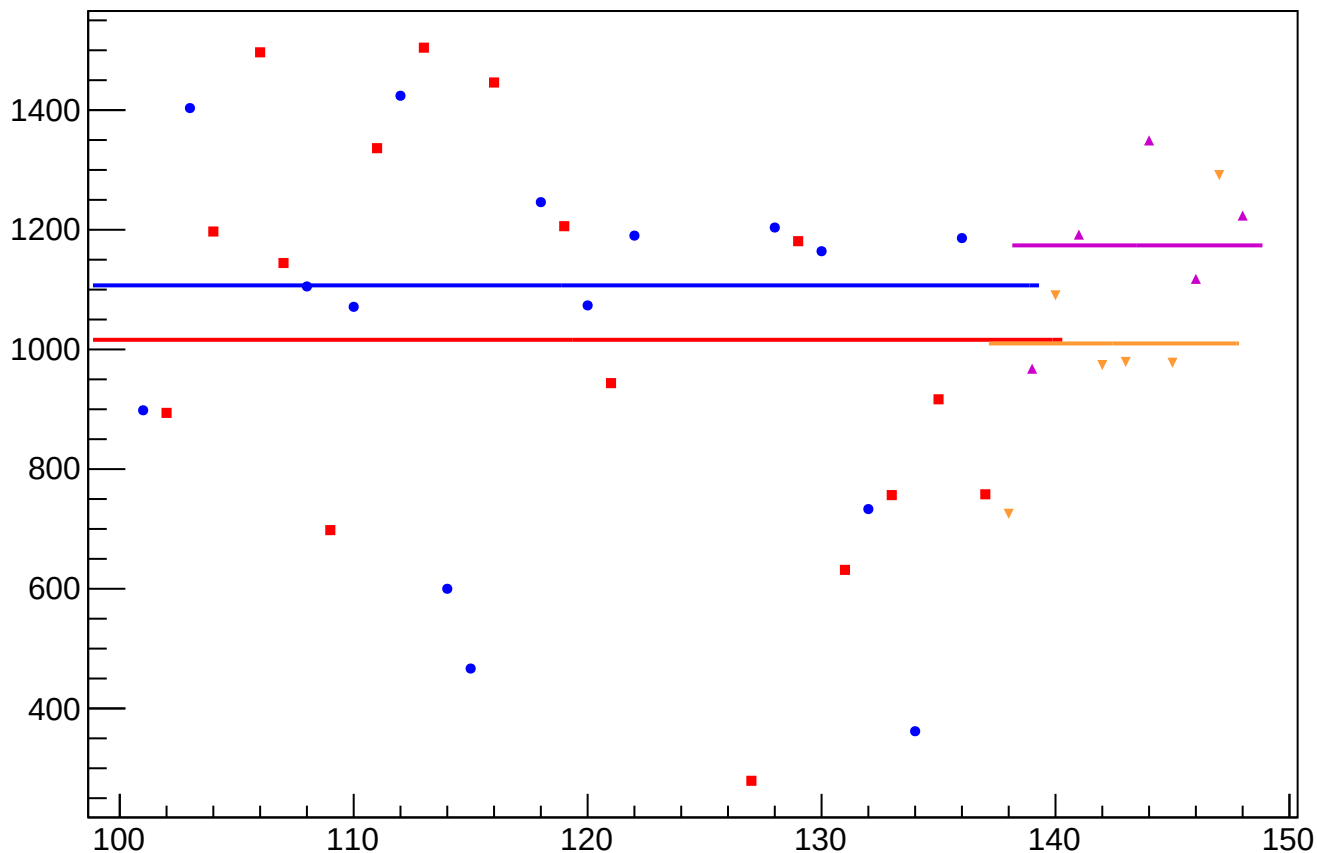
dit_4eX_coil4_err_mean vs Slug



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: 4.946+/-0.000	χ^2/NDF : 337948423053127866858654421483520.0/4

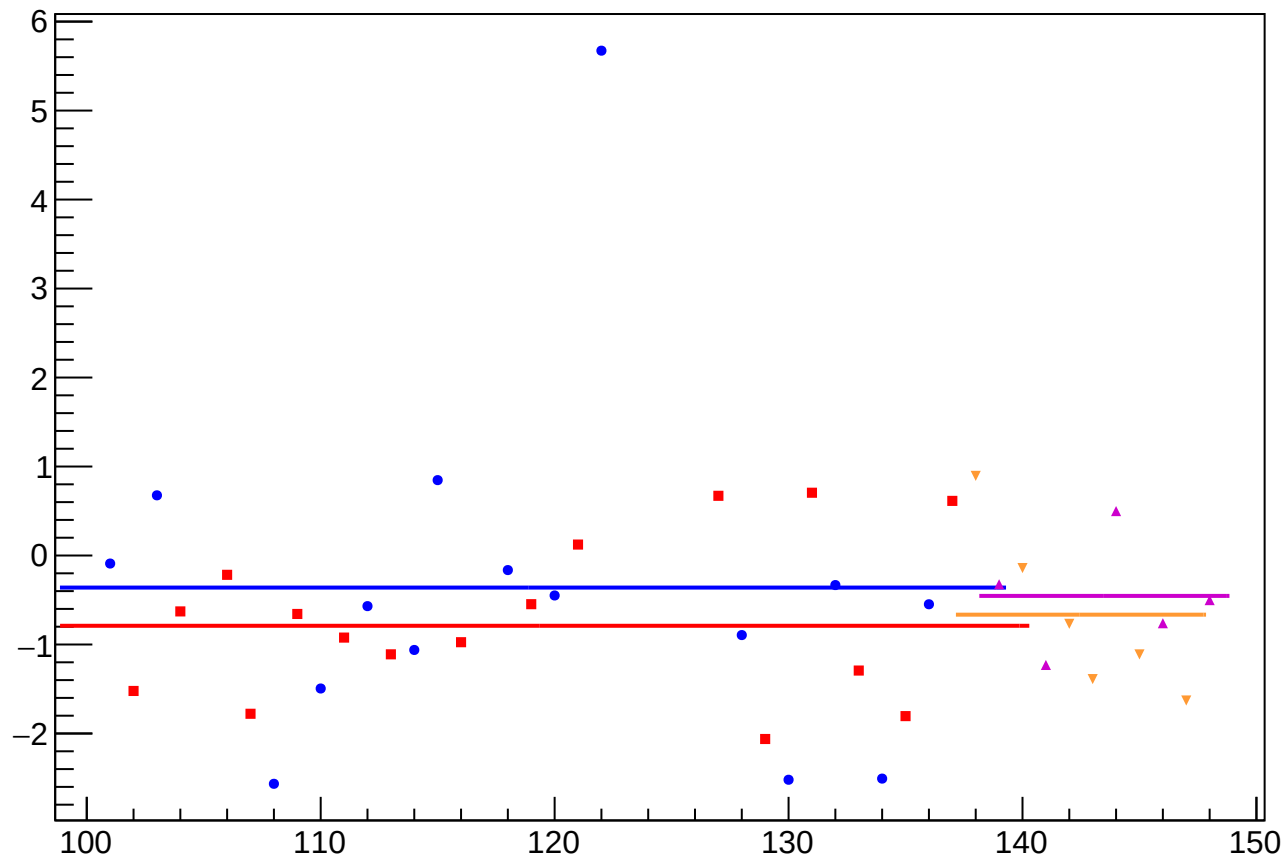
+ sign 4.468+/-0.000 χ^2/NDF : 45498482562794268
 All: 4.401+/-0.000 χ^2/NDF : 7824705142075
 - sign 4.335+/-0.000 χ^2/NDF : 32652225136782071

dit_4eX_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: 1072.776+/-0.000	χ^2/NDF : 14203809603
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1077.253+/-0.000	χ^2/NDF : 85678748120132
Left In: 1173.900+/-0.000	χ^2/NDF : 6675446999220672067512348047168241664.0/4		

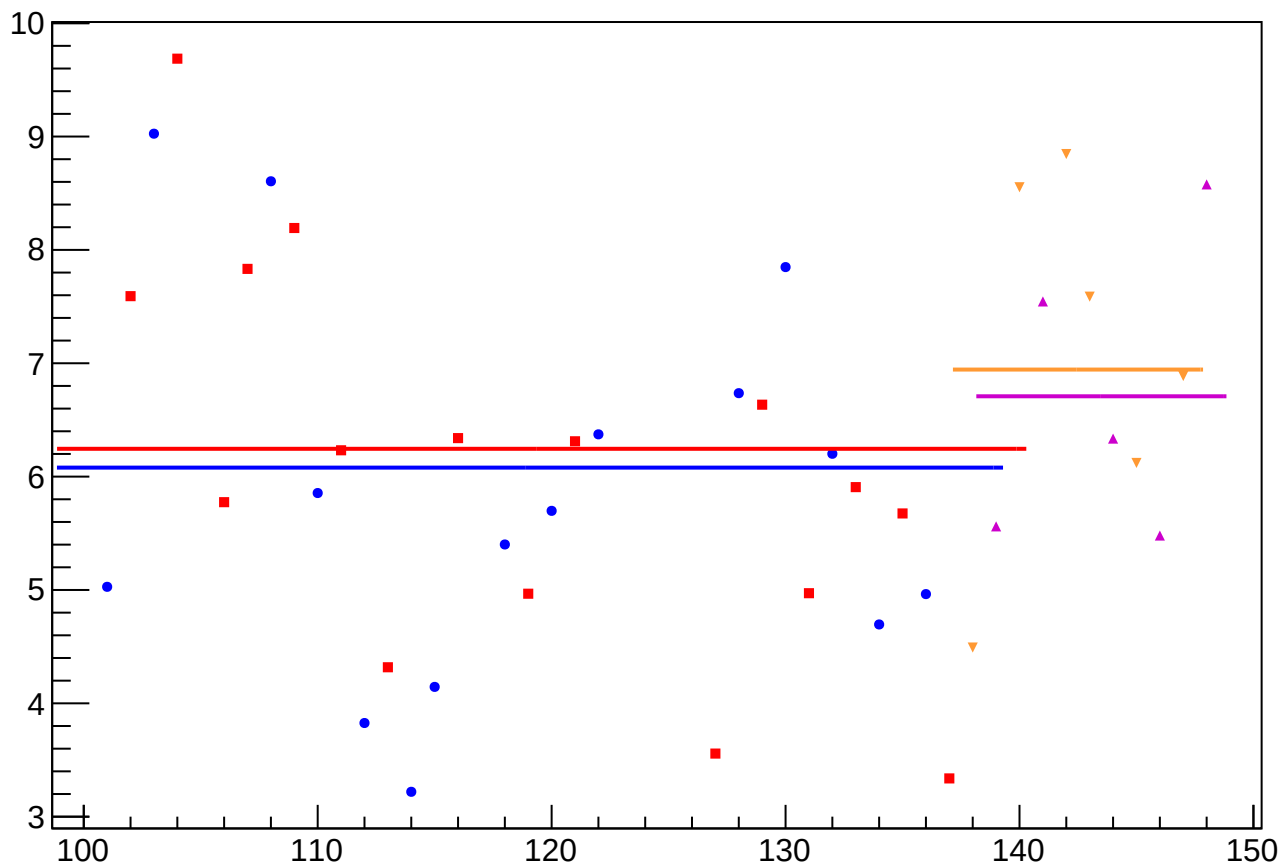
dit_11X12X_coil4_mean vs Slug



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: -0.454+/-0.000	χ^2/NDF : 141418697544347482647738525417472.0/4

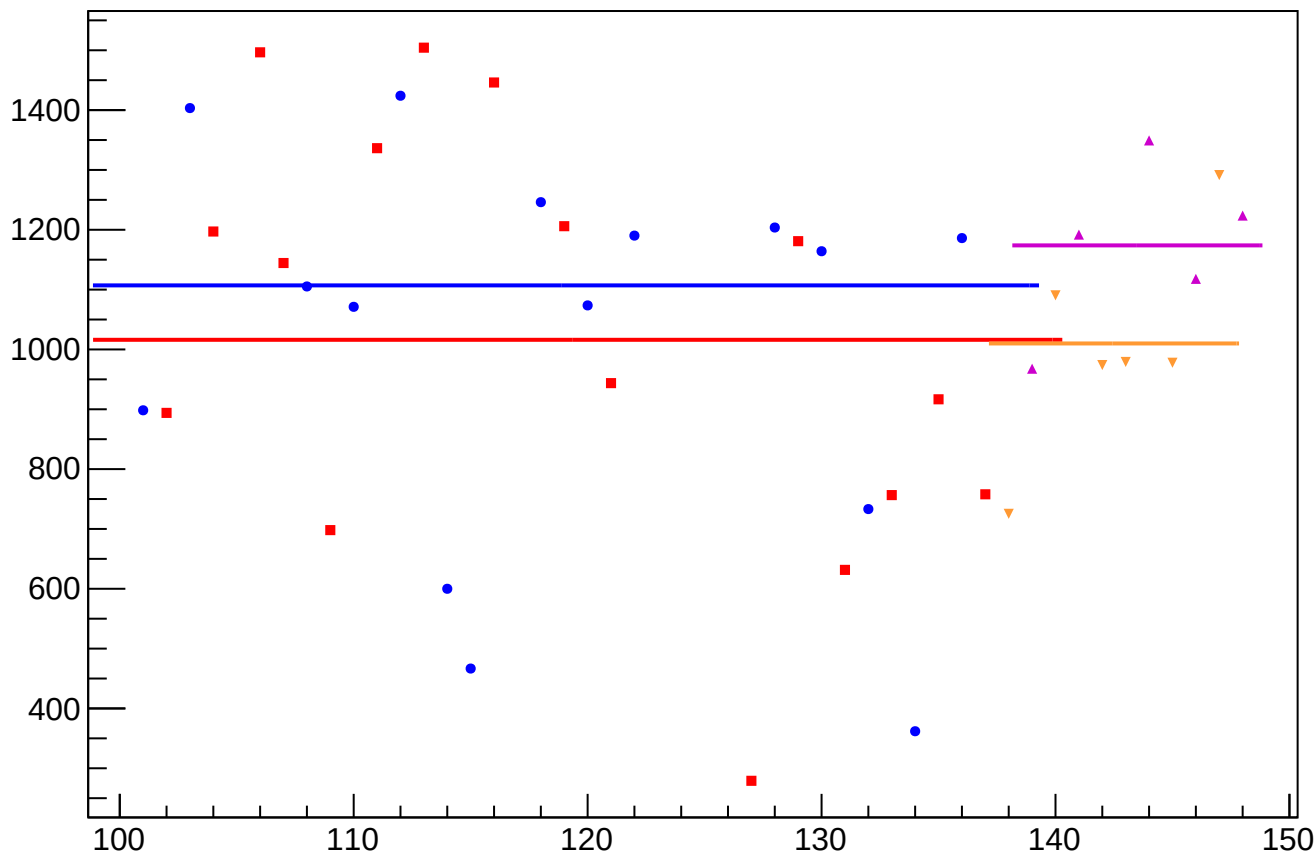
+ sign -0.482+/-0.000 χ^2/NDF : 2540881710088561.0/5
 All: -0.571+/-0.000 χ^2/NDF : 3191621707178.0/10
 - sign -0.659+/-0.000 χ^2/NDF : 63363716691033010.0/10

dit_11X12X_coil4_err_mean vs Slug



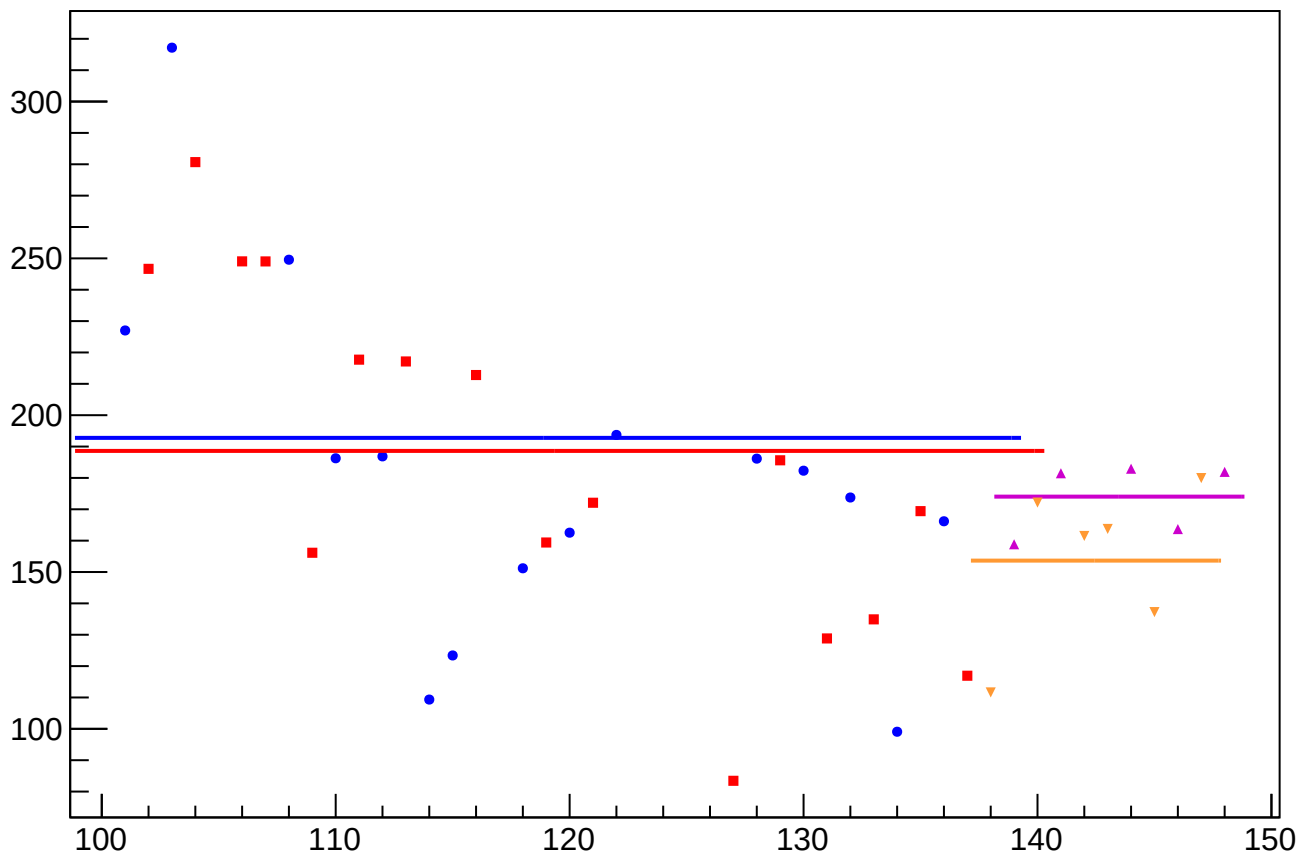
Right In: 6.079 $\pm$ 0.000 χ^2 /NDF: 1590295171022705157509900448825344.0/14
 Left Out: 6.944 $\pm$ 0.000 χ^2 /NDF: 930300566663596517334017994915840.0/5
 Right Out: 6.245 $\pm$ 0.000 χ^2 /NDF: 1816529163105006938510976985595904.0/15
 Left In: 6.709 $\pm$ 0.000 χ^2 /NDF: 597318275178902084773686655582208.0/4

dit_11X12X_coil4_Ndata_mean vs Slug



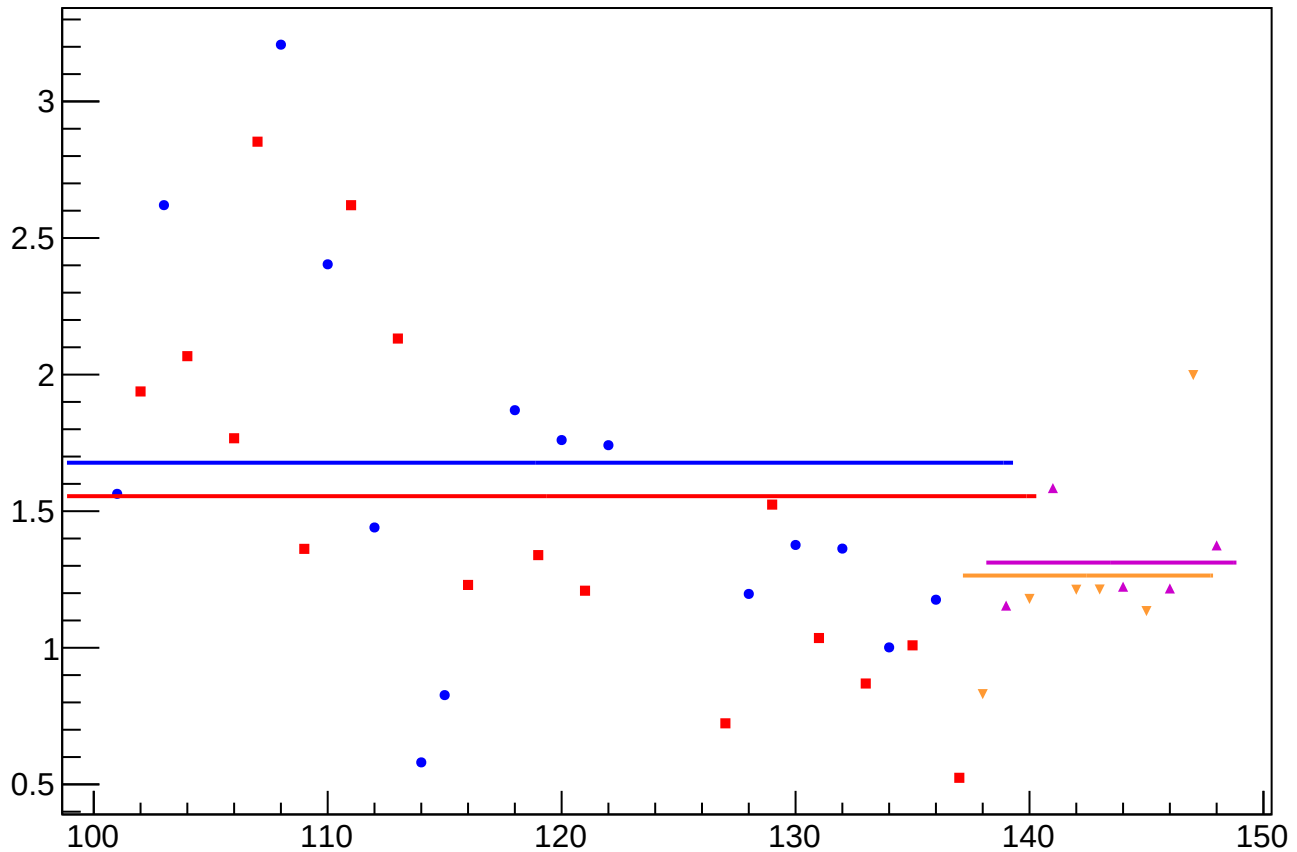
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

dit_4aY_coil4_mean vs Slug



Right In: 192.771+/-0.000	χ^2/NDF : 1640576279746948433391816936236515328.0/14
Left Out: 153.637+/-0.000	χ^2/NDF : 251346320881896929773332916902821888.0/5
Right Out: 188.612+/-0.000	χ^2/NDF : 1922342257287674563344204730019610624.0/15
Left In: 174.036+/-0.000	χ^2/NDF : 44585754749473595756236615750516736.0/4
All: 180.058+/-0.000	χ^2/NDF : 432942415173

dit_4aY_coil4_err_mean vs Slug



Right In: 1.677+/-0.000 χ^2/NDF : 241879924044788593292791559225344.0/14

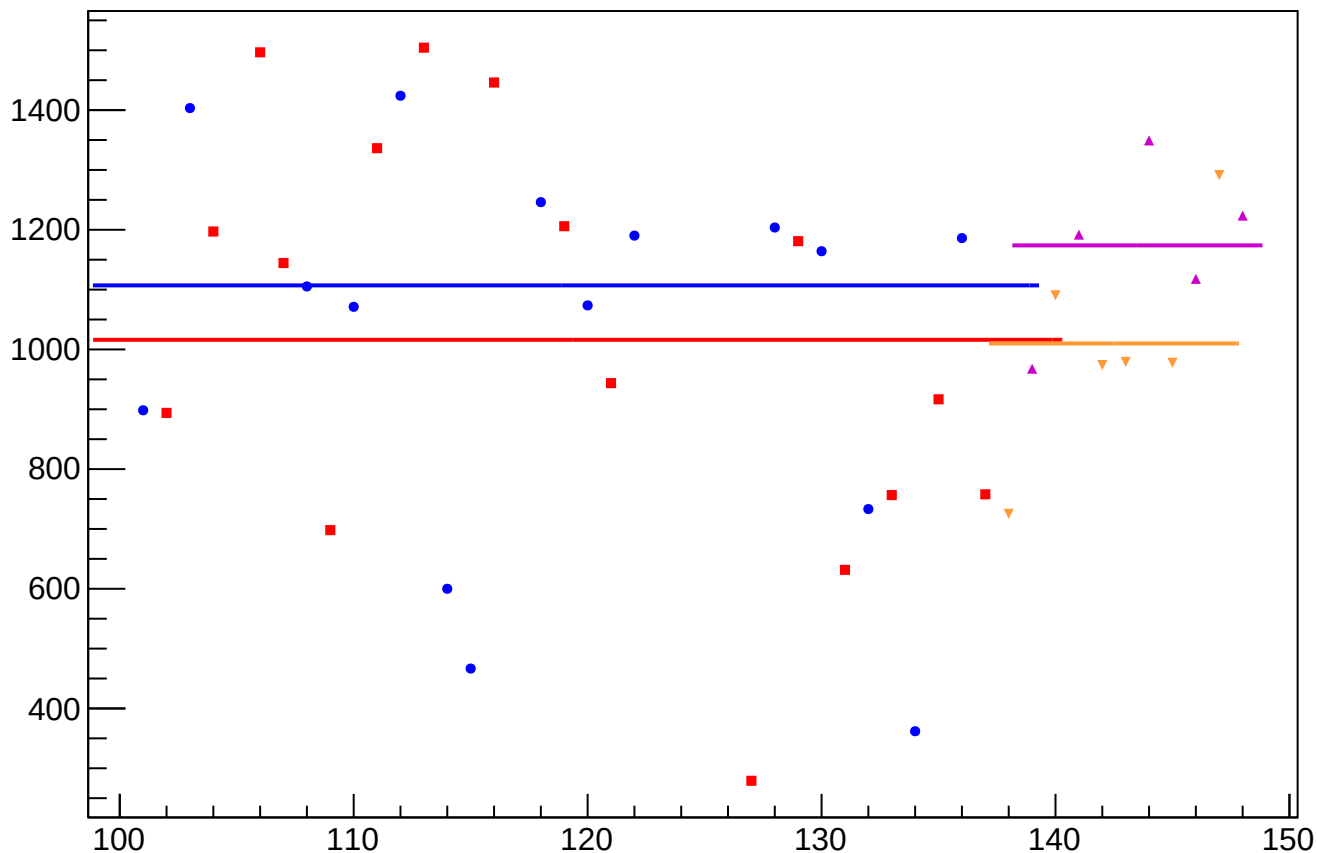
Left Out: 1.264+/-0.000 χ^2/NDF : 58971663877849428050681828212736.0/5

Right Out: 1.555+/-0.000 χ^2/NDF : 255645951433890296827677195108352.0/15

Left In: 1.312+/-0.000 χ^2/NDF : 10099658134110368991427231219712.0/4

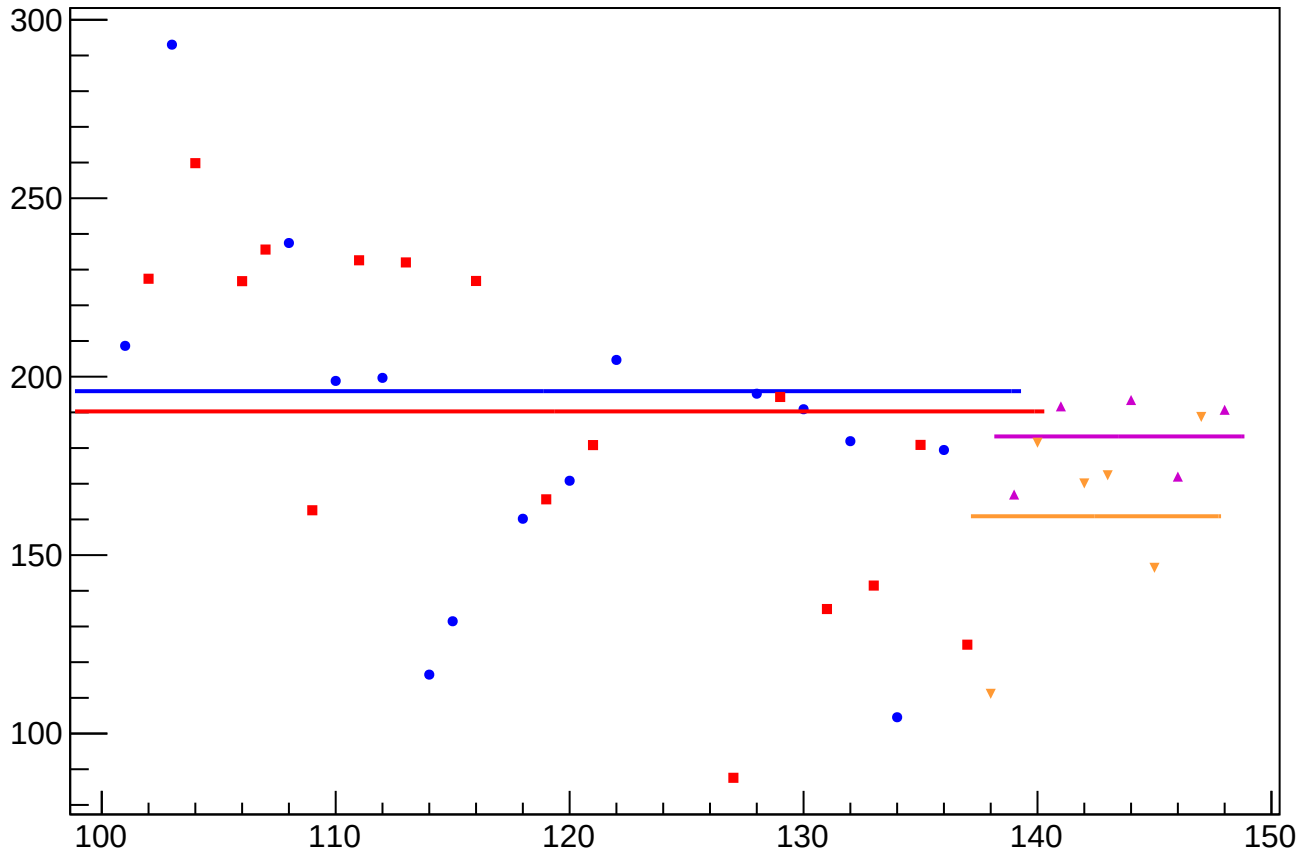
All: 1.486+/-0.000 χ^2/NDF : 62755816667703.0/15

dit_4aY_coil4_Ndata_mean vs Slug



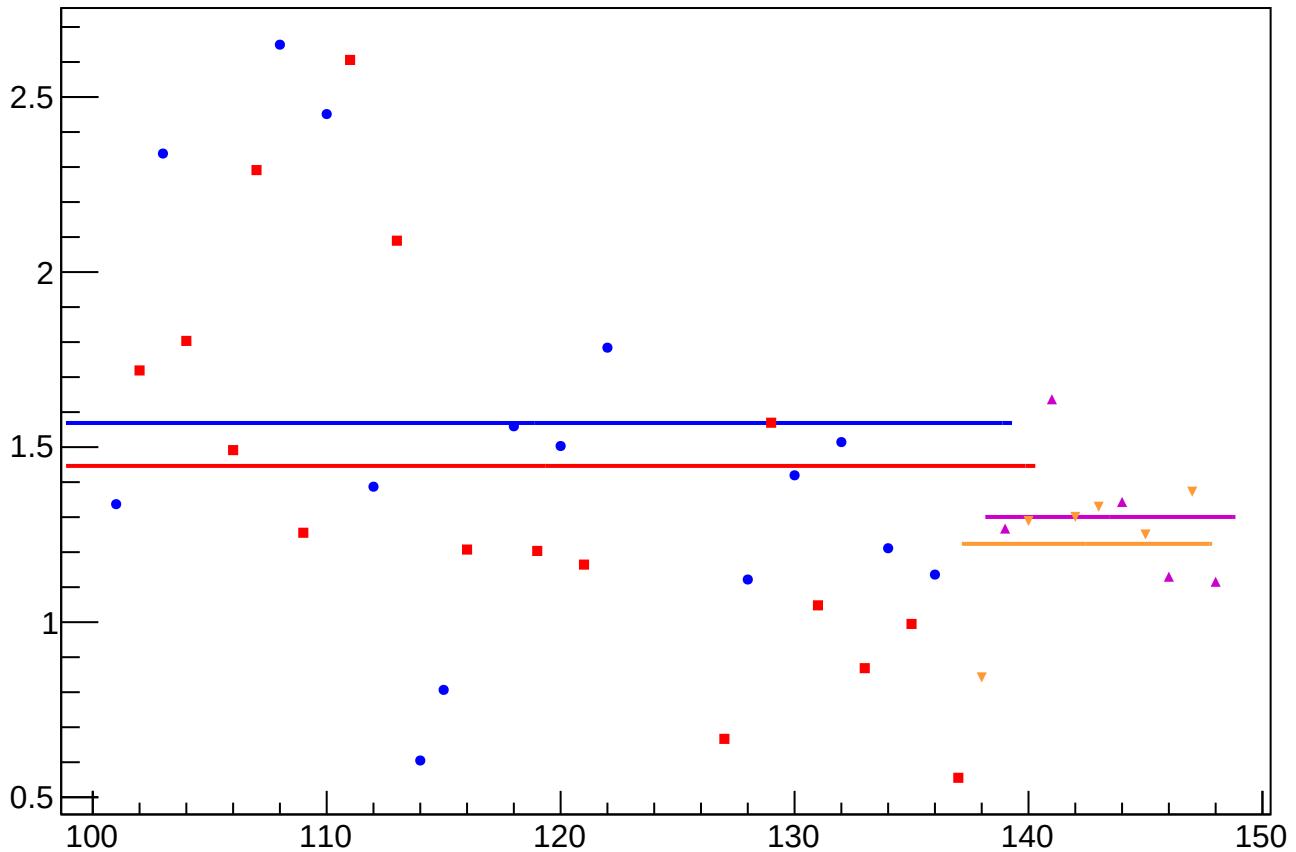
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1068.265+/-0.000	χ^2/NDF : 56315523589353
Left Out: 1009.995+/-0.000	χ^2/NDF : 13238505208121456504355975514007011328.0/5	All: 1072.776+/-0.000	χ^2/NDF : 14203809603
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1077.253+/-0.000	χ^2/NDF : 85678748120132
Left In: 1173.900+/-0.000	χ^2/NDF : 6675446999220672067512348047168241664.0/4		

dit_4eY_coil4_mean vs Slug



Right In: 195.940 $\pm$ 0.000	χ^2 /NDF: 1057891079869089572370479093183938560.0/14	+ sign 181.933 $\pm$ 0.000	χ^2 /NDF: 169447831571450
Left Out: 160.889 $\pm$ 0.000	χ^2 /NDF: 317934390188400954282607487366463488.0/5	All: 184.752 $\pm$ 0.000	χ^2 /NDF: 324476247610
Right Out: 190.268 $\pm$ 0.000	χ^2 /NDF: 1468473073667973330267084234323656704.0/15	- sign 187.551 $\pm$ 0.000	χ^2 /NDF: 153316130000153
Left In: 183.257 $\pm$ 0.000	χ^2 /NDF: 51982969788186845354299684097622016.0/4		

dit_4eY_coil4_err_mean vs Slug



Right In: 1.569 $\pm$ 0.000 χ^2 /NDF: 162849195668123380789610540957696.0/14

Left Out: 1.224 $\pm$ 0.000 χ^2 /NDF: 14514081886416063715557421088768.0/5

Right Out: 1.446 $\pm$ 0.000 χ^2 /NDF: 196296653917523352443271052787712.0/15

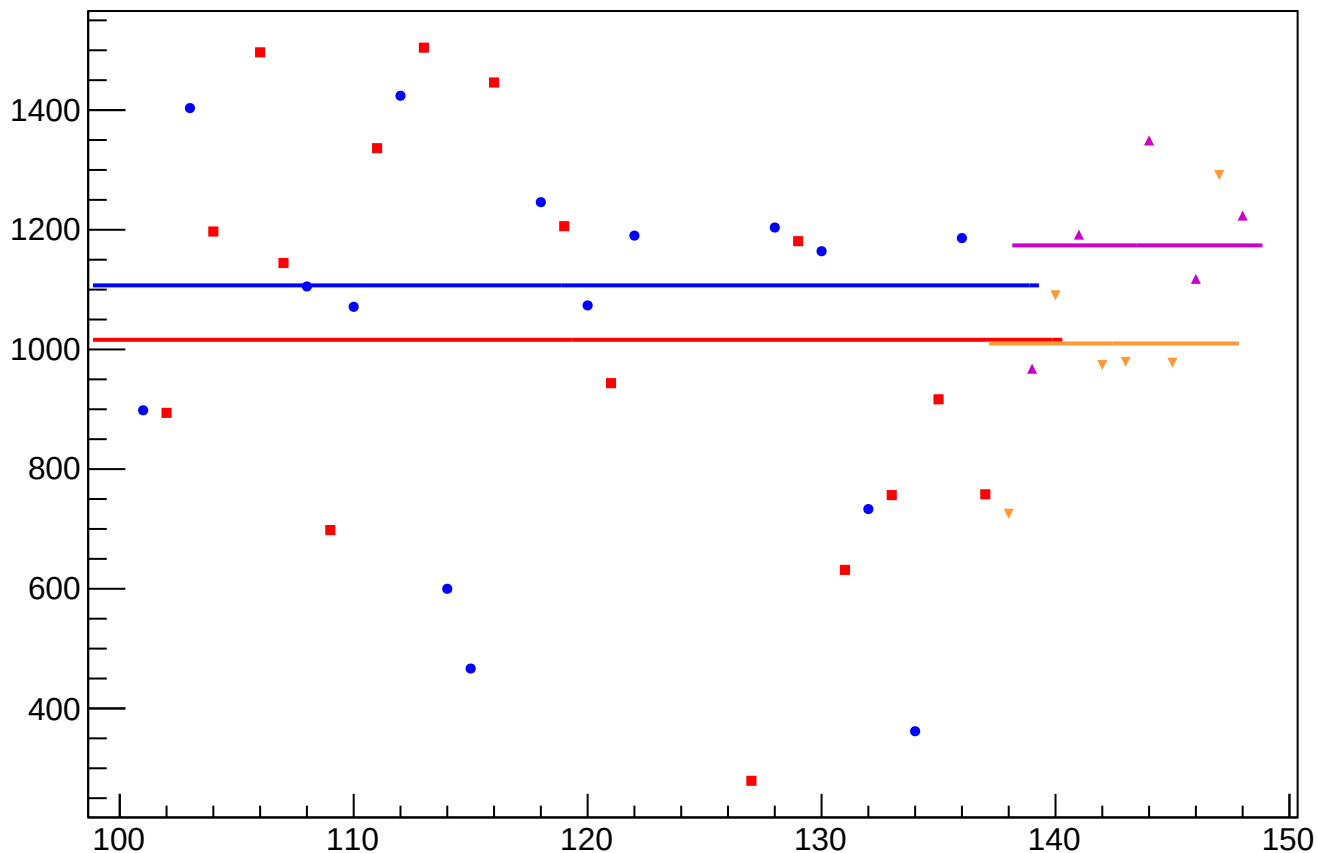
Left In: 1.301 $\pm$ 0.000 χ^2 /NDF: 15149254816397909406880255442944.0/4

+ sign 1.431 $\pm$ 0.000 χ^2 /NDF: 20827033552911728

All: 1.410 $\pm$ 0.000 χ^2 /NDF: 42612882521868

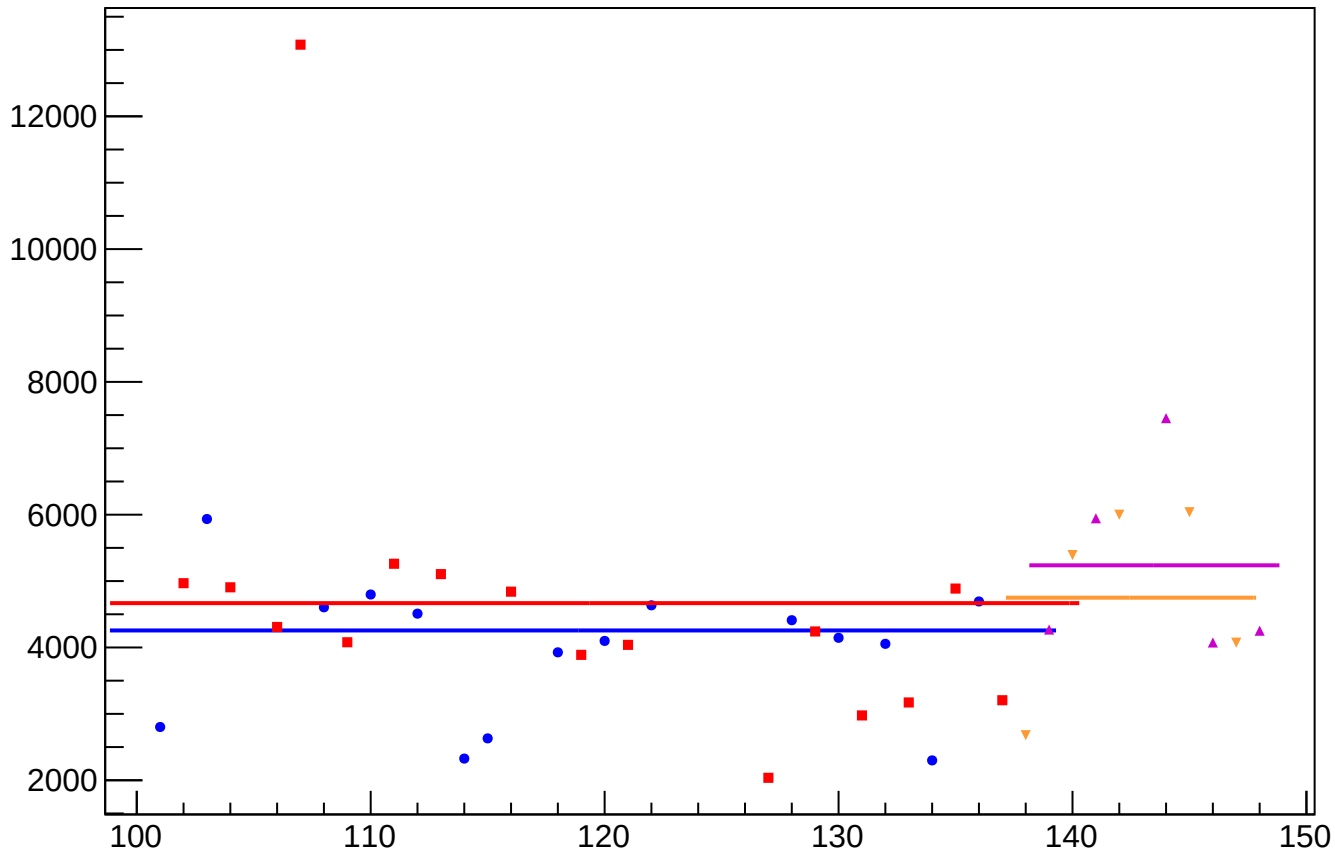
- sign 1.390 $\pm$ 0.000 χ^2 /NDF: 21693763724696746

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: 1173.900 +/- 0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

dit_usl_coil4_mean vs Slug



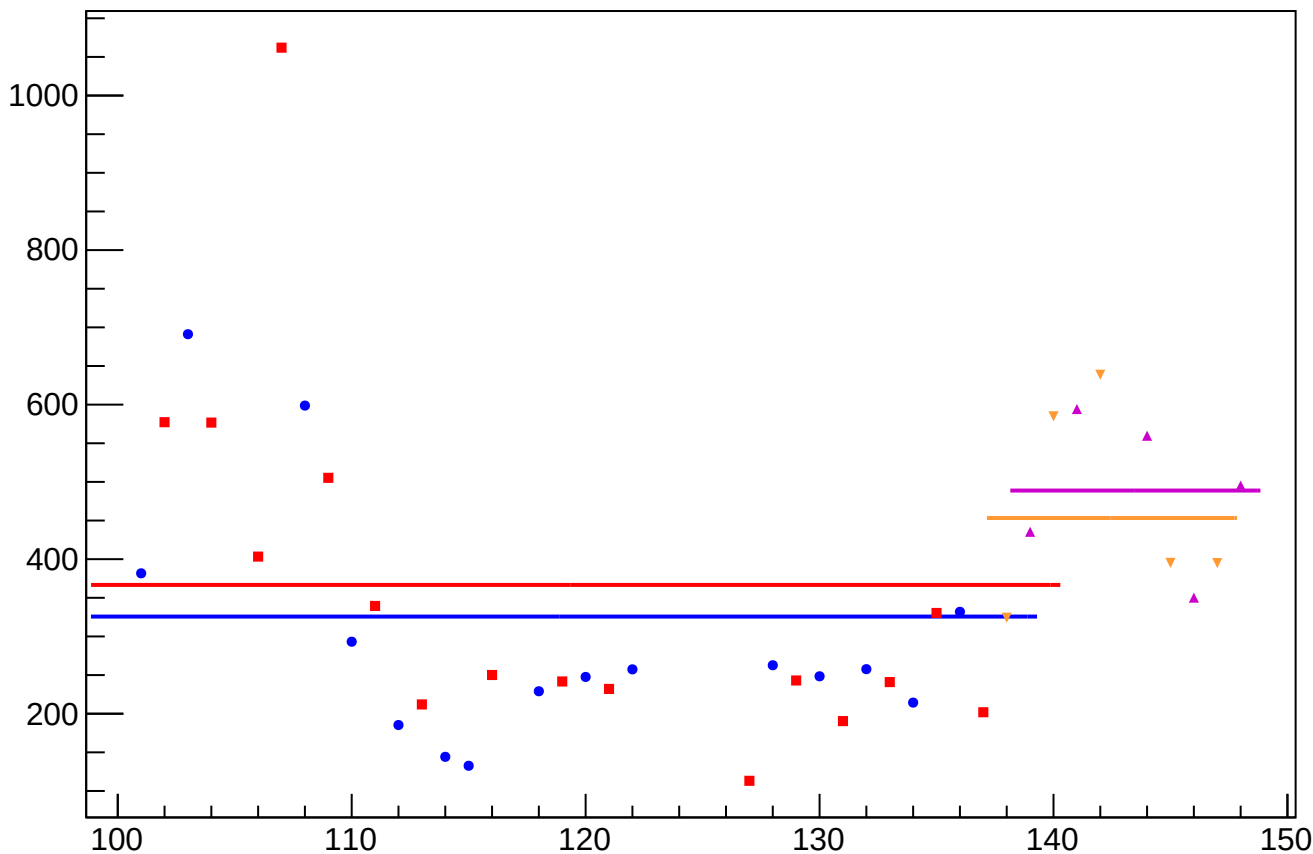
Right In: 4256.386+/-0.000	χ^2/NDF : 498605412551624859672454954159576186880.0/14
Left Out: 4749.787+/-0.000	χ^2/NDF : 610291731572486638740538846418885935104.0/4
Right Out: 4667.832+/-0.000	χ^2/NDF : 3201925535782807450320951772159309512704.0/15
Left In: 5237.308+/-0.000	χ^2/NDF : 749320762808433523598086550656680722432.0/4

+ sign 4433.991+/-0.000 χ^2/NDF : 11657692238969

All: 4669.356+/-0.000 χ^2/NDF : 5309313655

- sign 4888.510+/-0.000 χ^2/NDF : 40350691018983

dit_usl_coil4_err_mean vs Slug



Right In: 325.732+/-0.000 χ^2/NDF : 14633359567940244123897242769854300160.0/14

+ sign 371.640+/-0.000 χ^2/NDF : 232732763160449

Left Out: 453.269+/-0.000 χ^2/NDF : 4839986633621568274113293021784047616.0/4

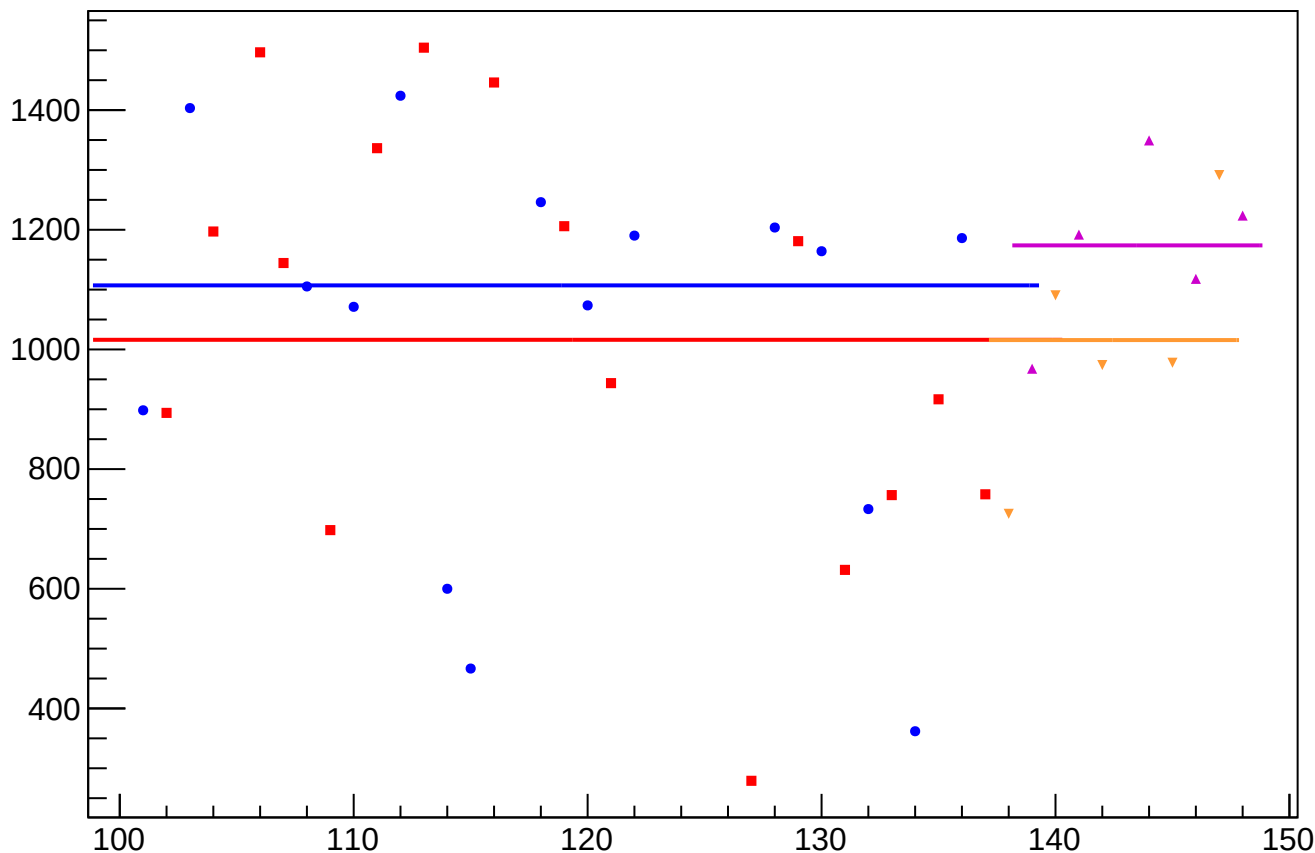
All: 393.581+/-0.000 χ^2/NDF : 633907358156

Right Out: 366.682+/-0.000 χ^2/NDF : 32097250699947956409117440115398934528.0/15

- sign 414.011+/-0.000 χ^2/NDF : 391748167289292

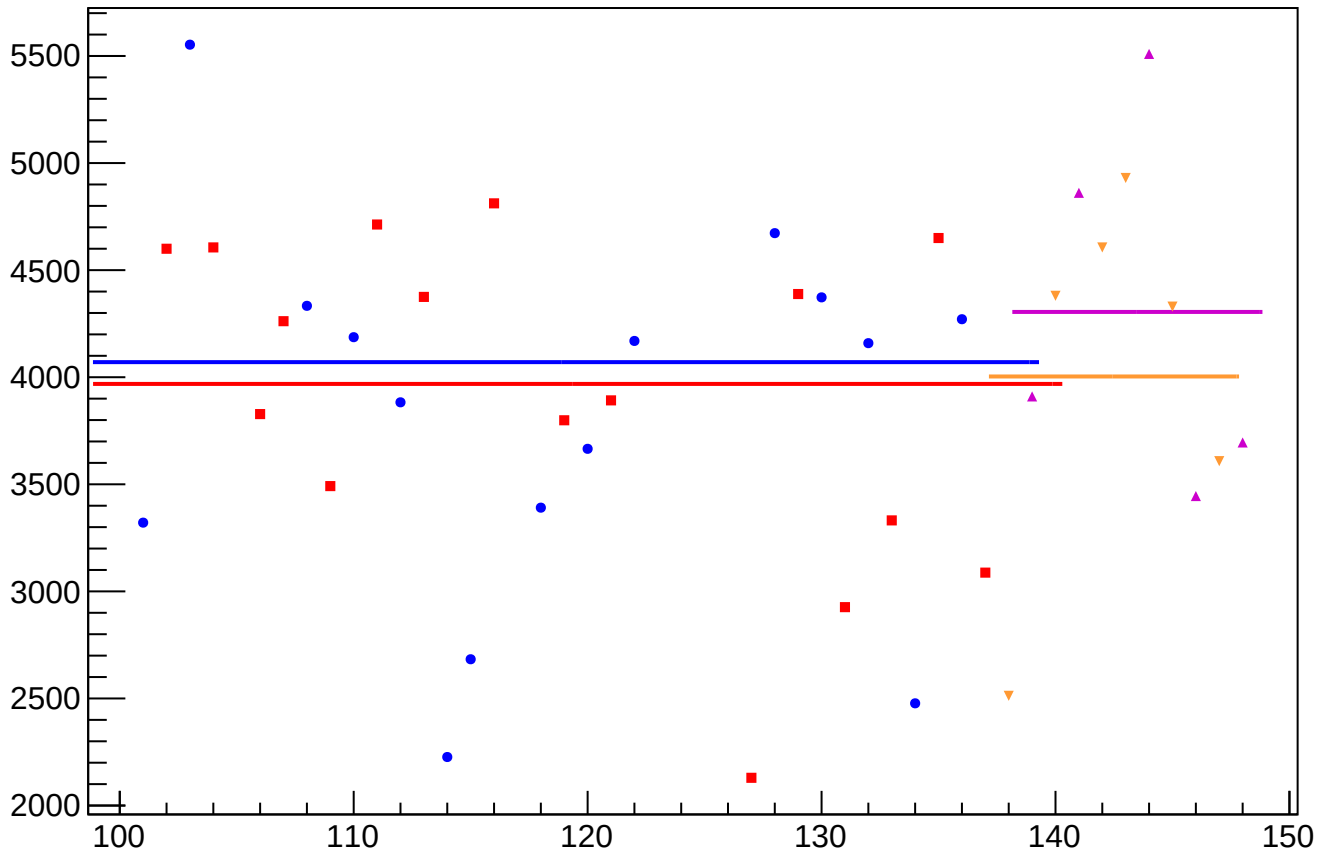
Left In: 488.816+/-0.000 χ^2/NDF : 3222056307798089096562283609627557888.0/4

dit_usl_coil4_Ndata_mean vs Slug



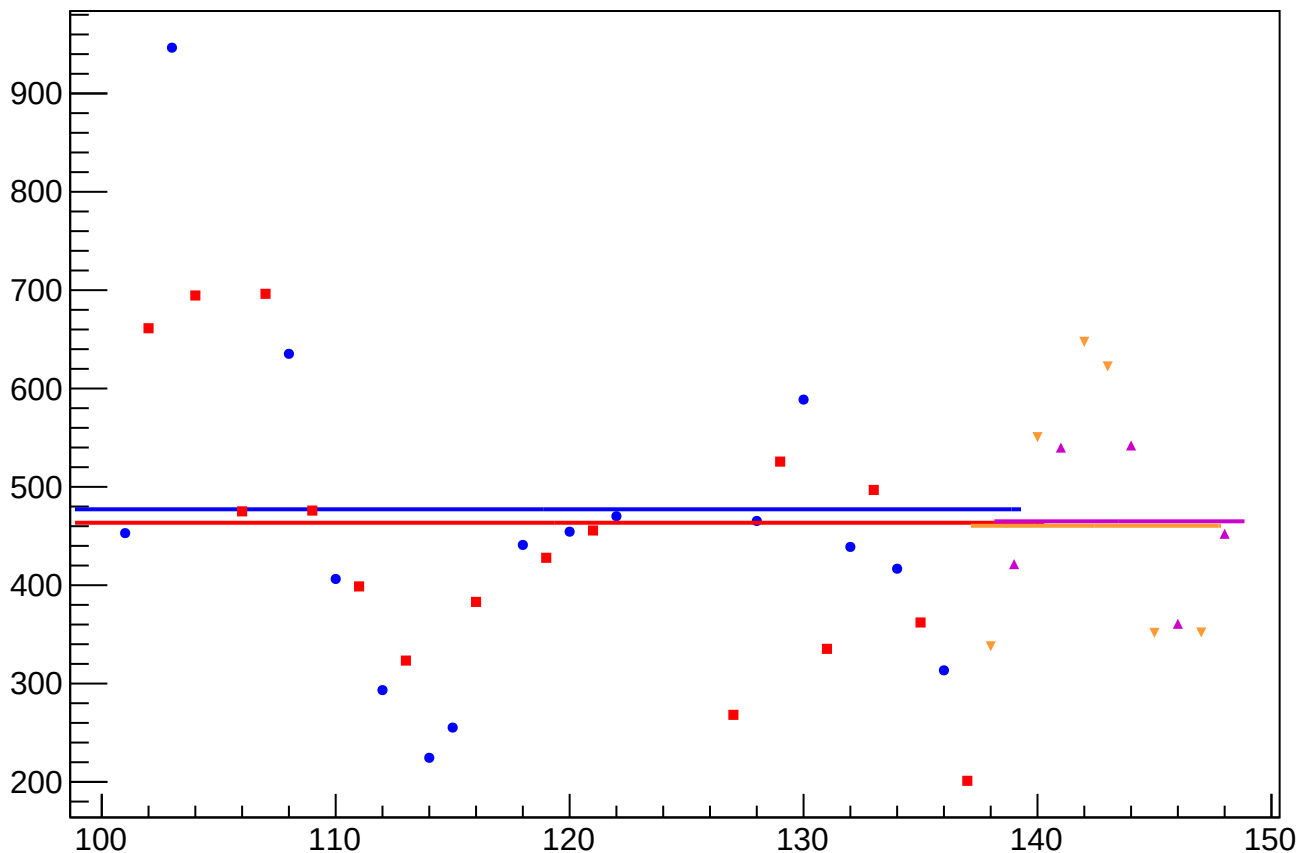
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1015.666 $\pm$ 0.000 χ^2 /NDF: 13162834707955244001467038176873807872.0/4
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1173.900 $\pm$ 0.000 χ^2 /NDF: 6675446999220672067512348047168241664.0/4

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: 4304.871+/-0.000 χ^2/NDF : 260652467037775584015504552531408715776.0/4

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

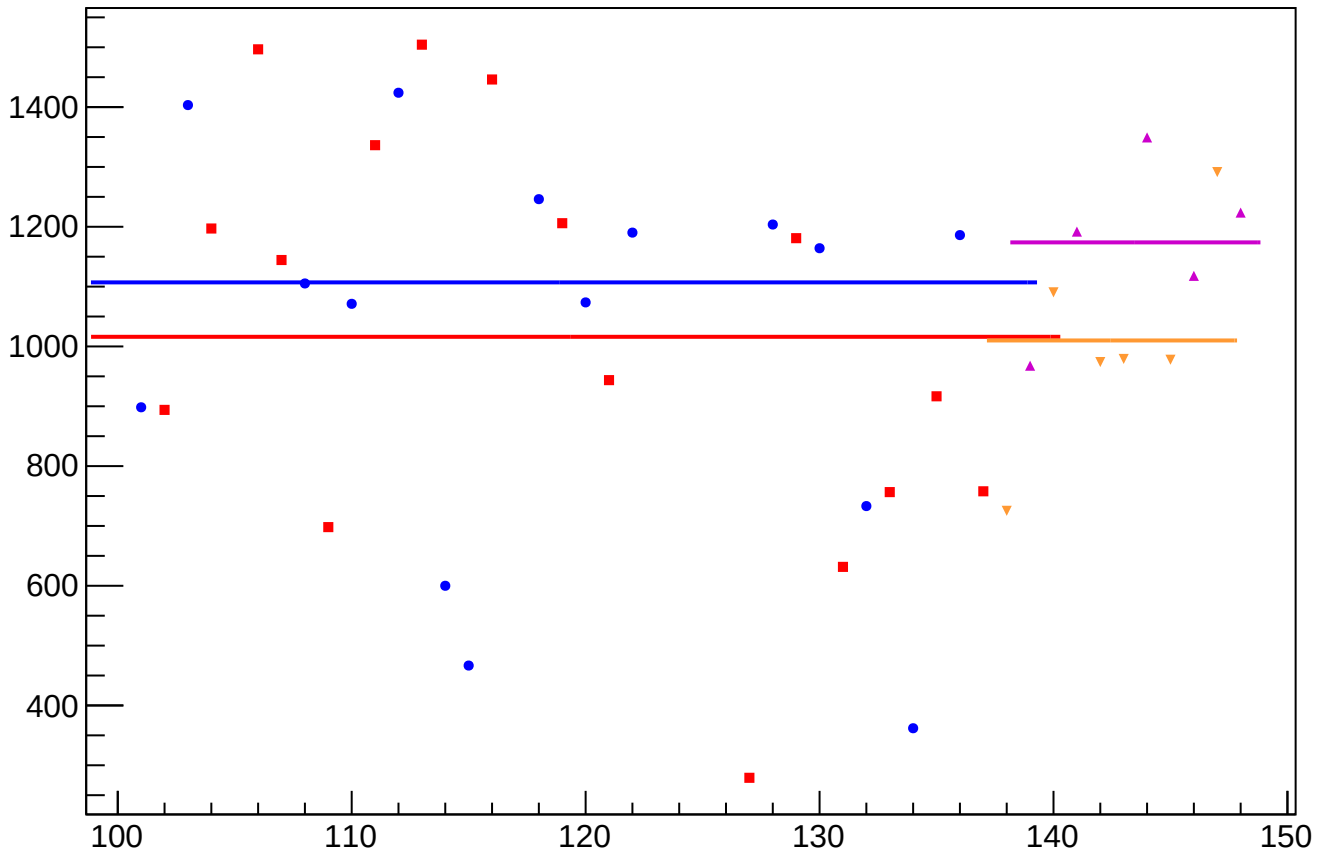
Left In: 464.972+/-0.000 χ^2/NDF : 2074681052512276603199832627672514560.0/4

+ sign 470.492+/-0.000 χ^2/NDF : 276136234314534

All: 467.273+/-0.000 χ^2/NDF : 422679527917

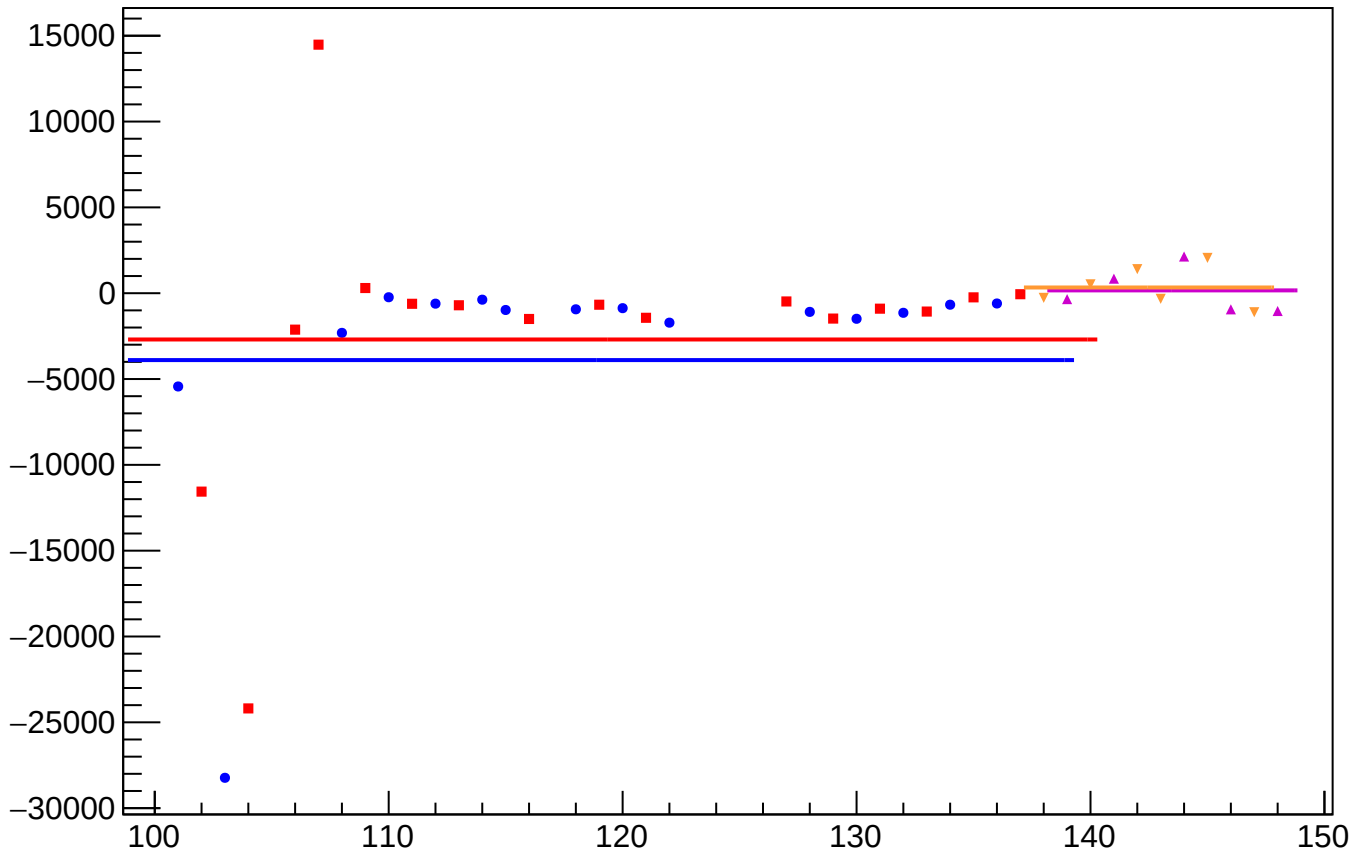
- sign 464.078+/-0.000 χ^2/NDF : 146320094512367

dit_usr_coil4_Ndata_mean vs Slug



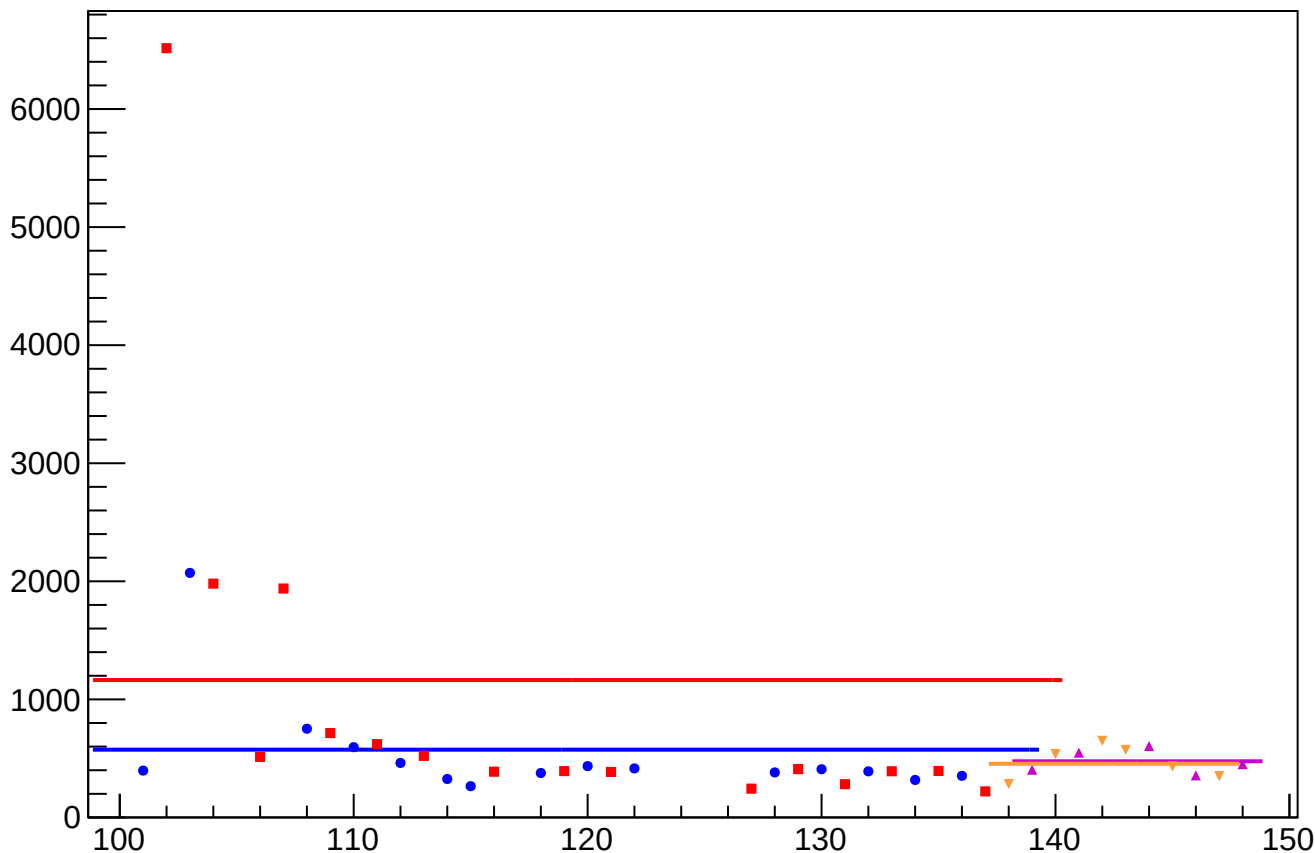
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1068.265+/-0.000	χ^2/NDF : 56315523589353
Left Out: 1009.995+/-0.000	χ^2/NDF : 13238505208121456504355975514007011328.0/5	All: 1072.776+/-0.000	χ^2/NDF : 14203809601
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1077.253+/-0.000	χ^2/NDF : 85678748120132
Left In: 1173.900+/-0.000	χ^2/NDF : 6675446999220672067512348047168241664.0/4		

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: 164.207+/-0.000 χ^2/NDF : 629380465796591421307426485754973388800.0/4
 All: -1895.810+/-0.000 χ^2/NDF : 8854818964
 + sign -2206.268+/-0.000 χ^2/NDF : 4477425104037
 - sign -1587.632+/-0.000 χ^2/NDF : 43566320747920

dit_atl1_coil4_err_mean vs Slug



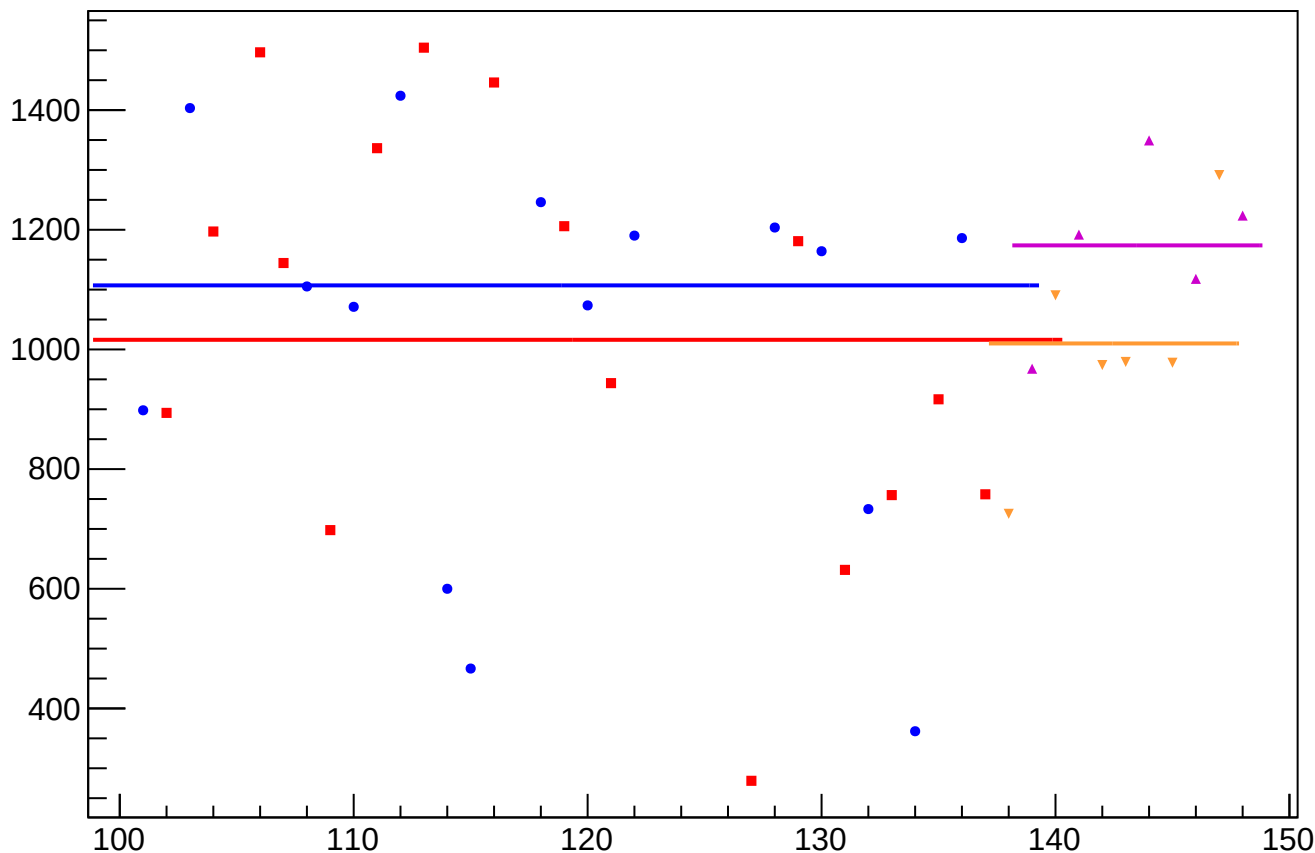
Right In: 574.055+/-0.000 χ^2/NDF : 152105229889160423018493709582390525952.0/14

Left Out: 454.673+/-0.000 χ^2/NDF : 6419263278608971478037331864232919040.0/5

Right Out: 1163.697+/-0.000 χ^2/NDF : 2003194396475465337190154787515183136768.0/15

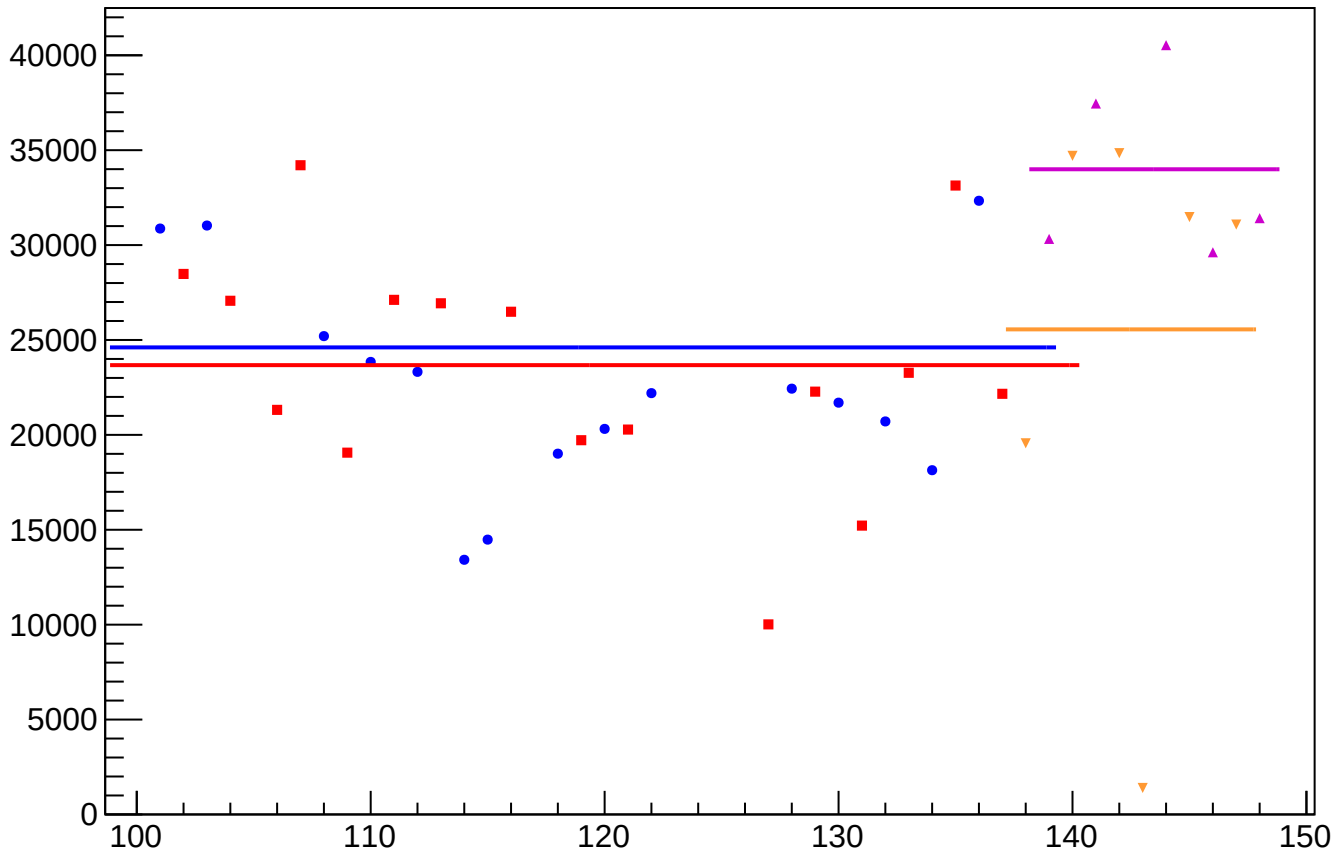
Left In: 475.785+/-0.000 χ^2/NDF : 3577471543068177457317356948760297472.0/4

dit_atl1_coil4_Ndata_mean vs Slug



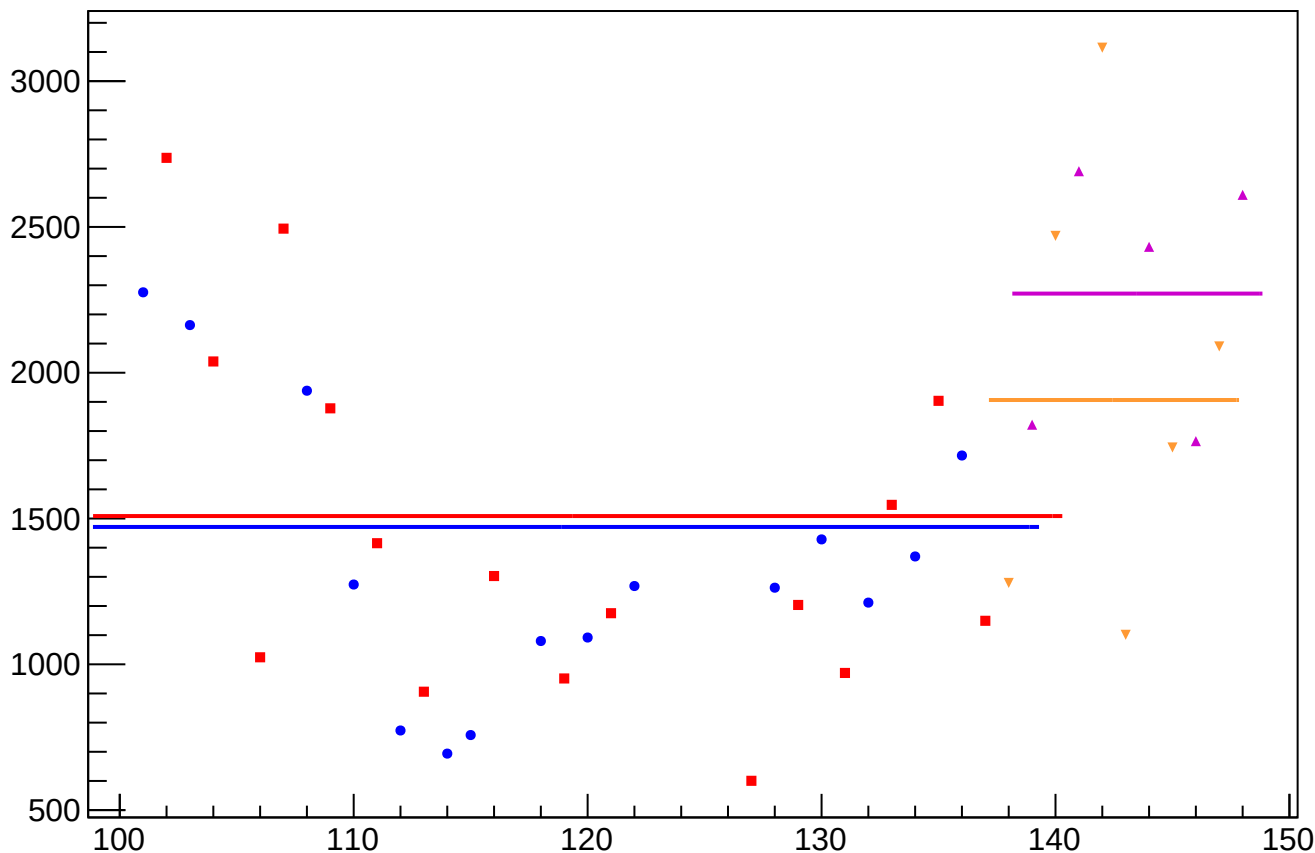
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 +/- 0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1173.900 +/- 0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

dit_atl2_coil4_mean vs Slug



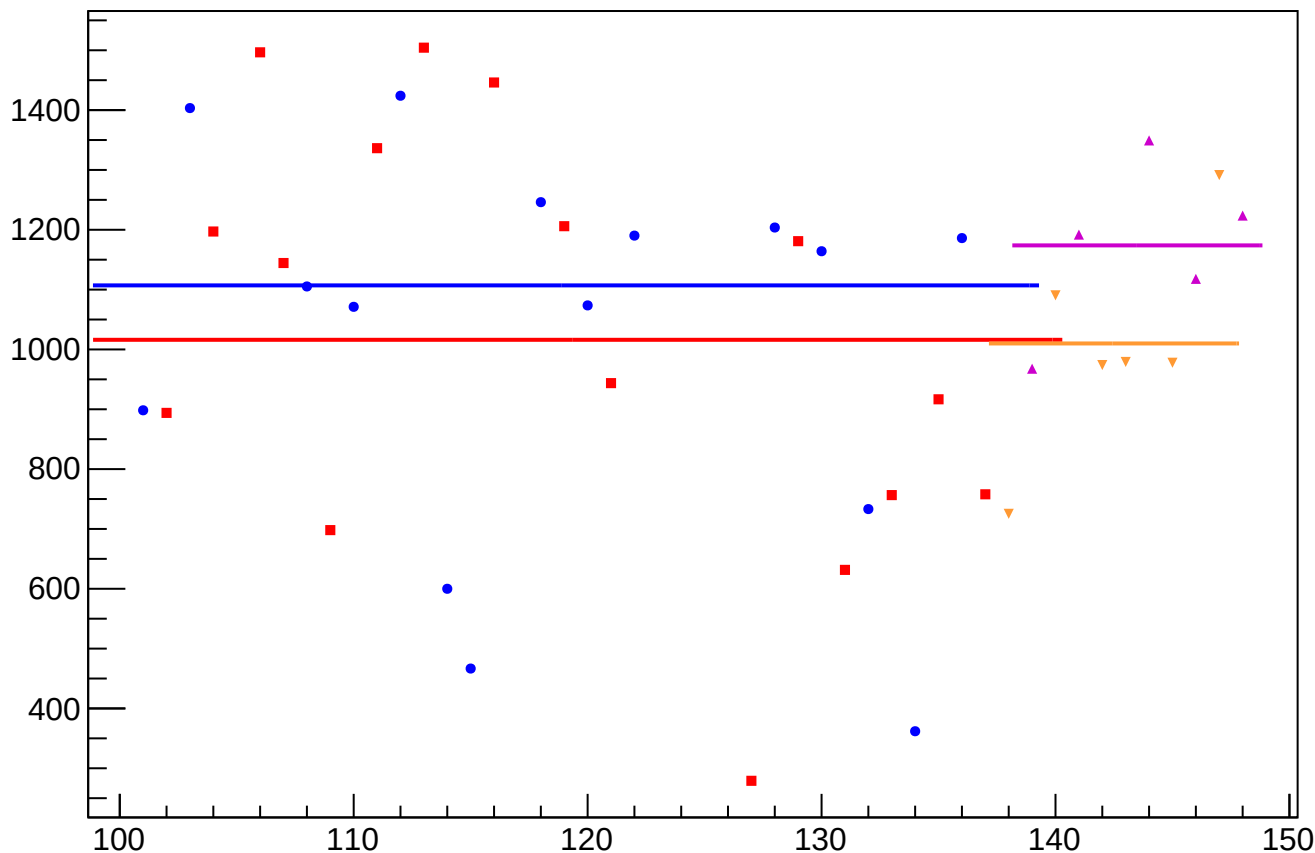
Right In: 24608.761+/-0.000	χ^2/NDF : 17555600427140701787636759084167268925440.0/14	+ sign 24988.214+/-0.000	χ^2/NDF : 7574939506363
Left Out: 25558.273+/-0.000	χ^2/NDF : 57959962478477994978553999620377912803328.0/5	All: 26335.604+/-0.000	χ^2/NDF : 1400736898
Right Out: 23673.937+/-0.000	χ^2/NDF : 24824229344827567313624871677295341862912.0/15	- sign 27673.096+/-0.000	χ^2/NDF : 6041368796737
Left In: 33994.042+/-0.000	χ^2/NDF : 8061205173639180322278822625783492640768.0/4		

dit_atl2_coil4_err_mean vs Slug



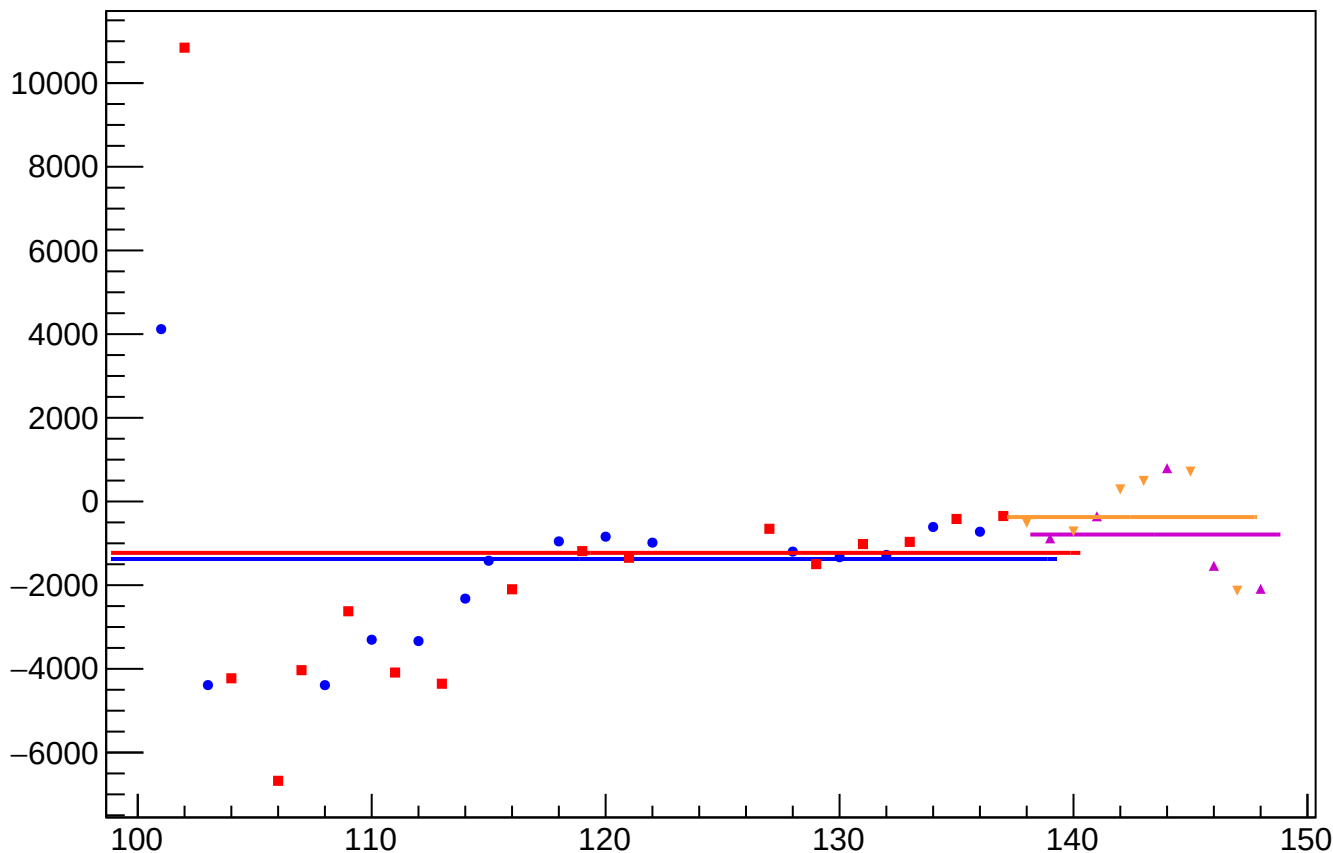
Right In: 1471.095+/-0.000 χ^2/NDF : 139174979420467841073894167956452016128.0/14
 Left Out: 1906.475+/-0.000 χ^2/NDF : 172070450977740824493242933292128272384.0/5
 Right Out: 1508.451+/-0.000 χ^2/NDF : 250085163770425050605763446985715613696.0/15
 Left In: 2271.411+/-0.000 χ^2/NDF : 64528672857673103727173992295511883776.0/4

dit_atl2_coil4_Ndata_mean vs Slug



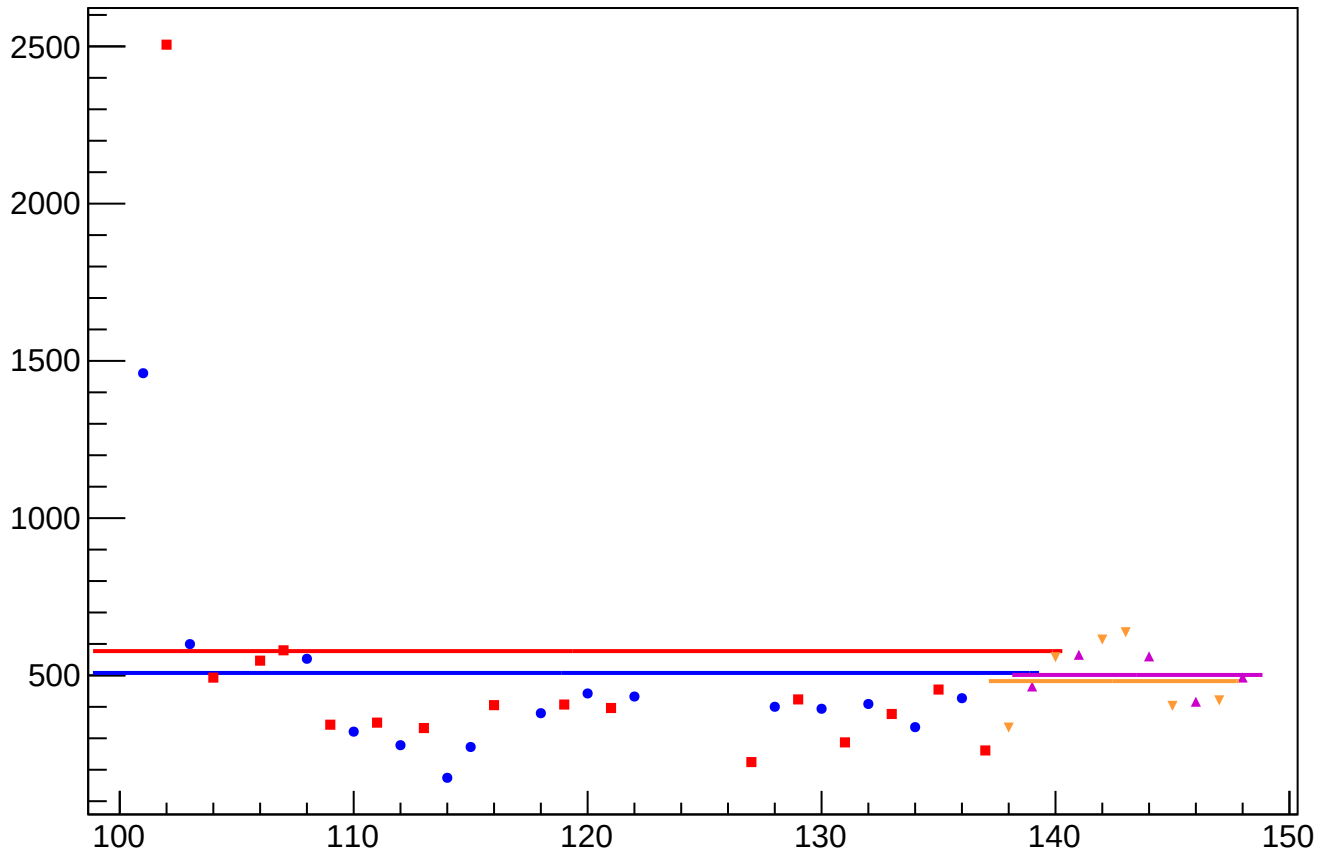
Right In: 1107.052+/-0.000	χ^2/NDF : 40633831787810179240542210398269472768.0/14	+ sign 1068.265+/-0.000	χ^2/NDF : 56315523589353
Left Out: 1009.995+/-0.000	χ^2/NDF : 13238505208121456504355975514007011328.0/5	All: 1072.776+/-0.000	χ^2/NDF : 14203809601
Right Out: 1016.106+/-0.000	χ^2/NDF : 72567664333509192712184310037150171136.0/15	- sign 1077.253+/-0.000	χ^2/NDF : 85678748120132
Left In: 1173.900+/-0.000	χ^2/NDF : 6675446999220672067512348047168241664.0/4		

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: -789.732 ± 0.000 χ^2/NDF : 428484591403924370748745394198723690496.0/4

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

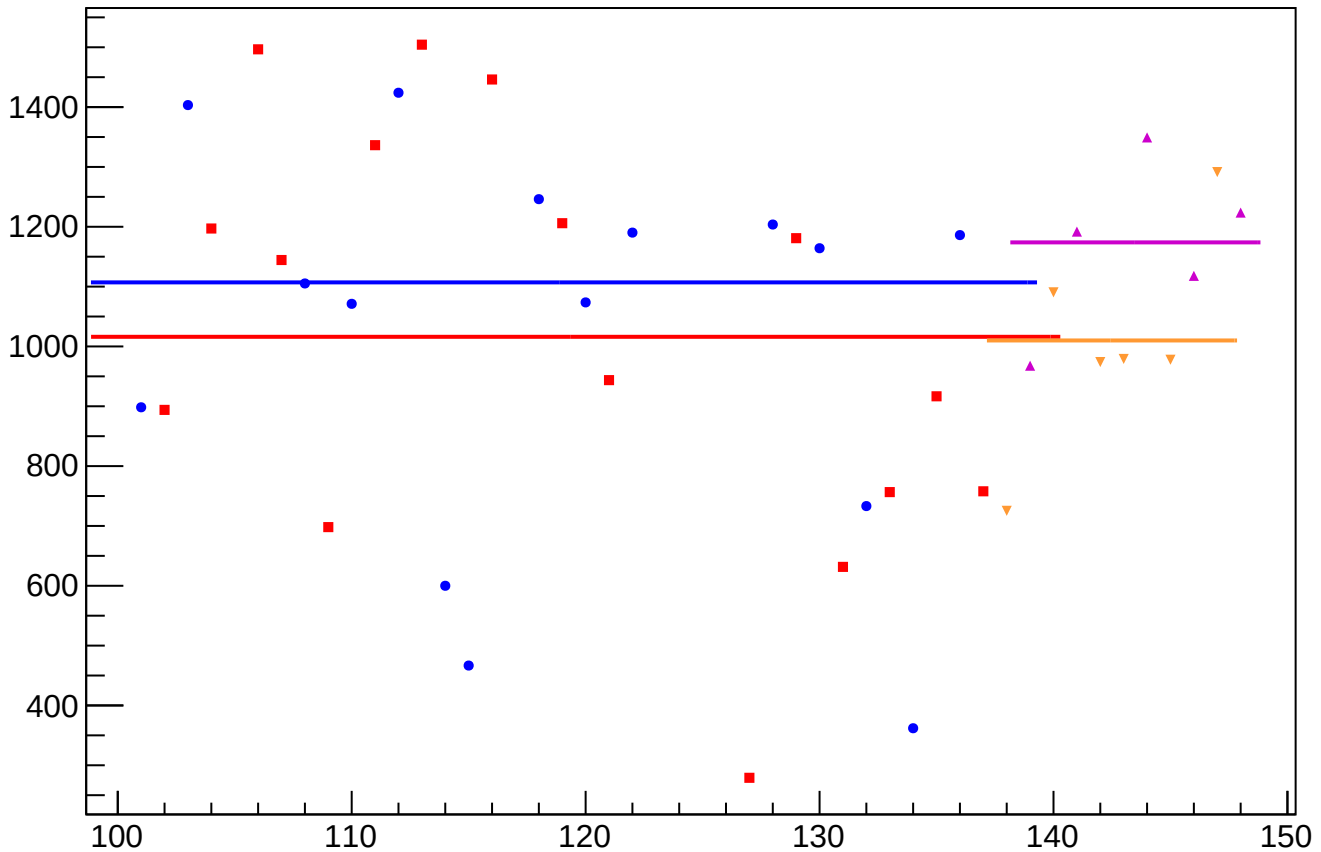
Left In: 501.425 ± 0.000 χ^2/NDF : 1374151952115345747755984645968101376.0/4

+ sign 497.437 ± 0.000 χ^2/NDF : 697057888618875

All: 522.745 ± 0.000 χ^2/NDF : 315234444483

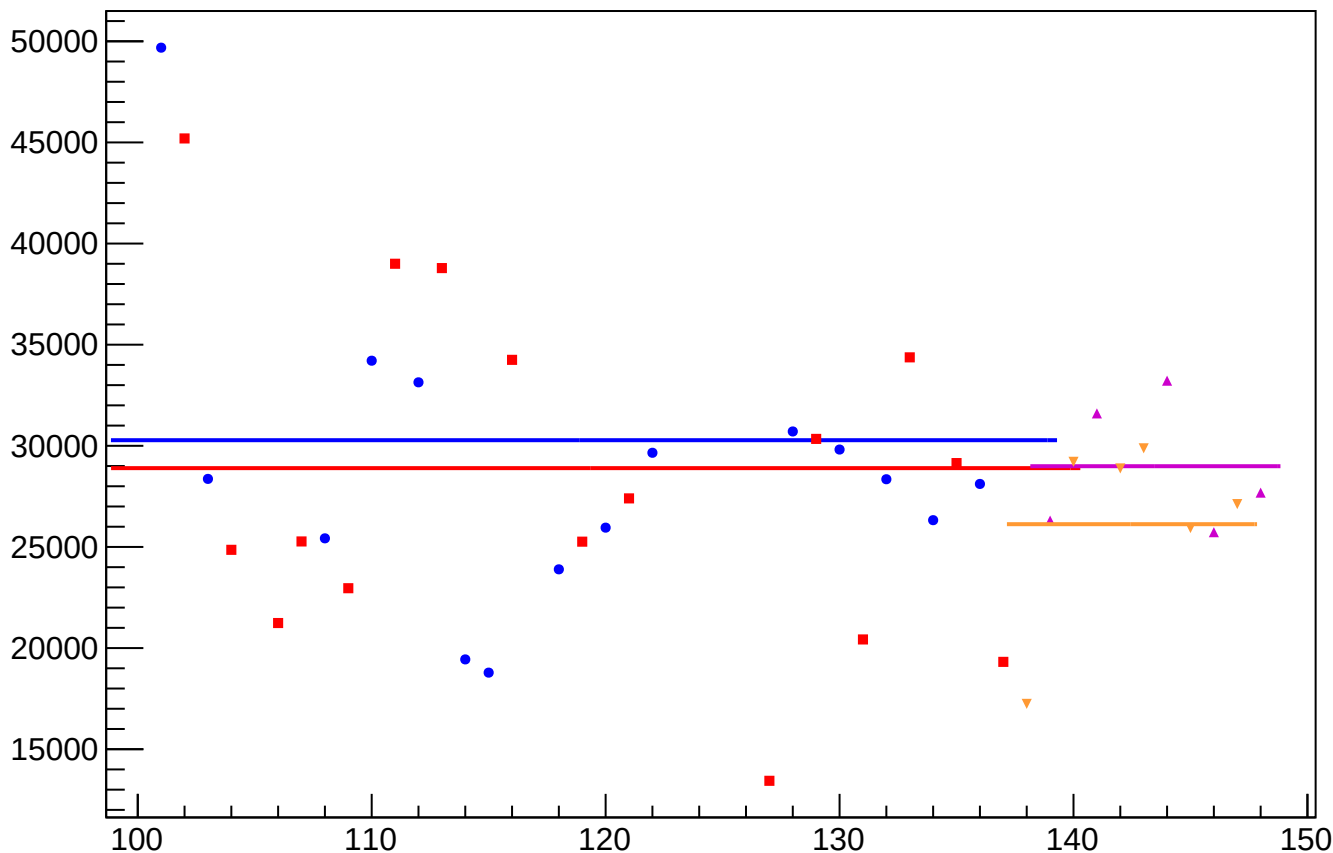
- sign 547.867 ± 0.000 χ^2/NDF : 244149020420000

dit_atr1_coil4_Ndata_mean vs Slug



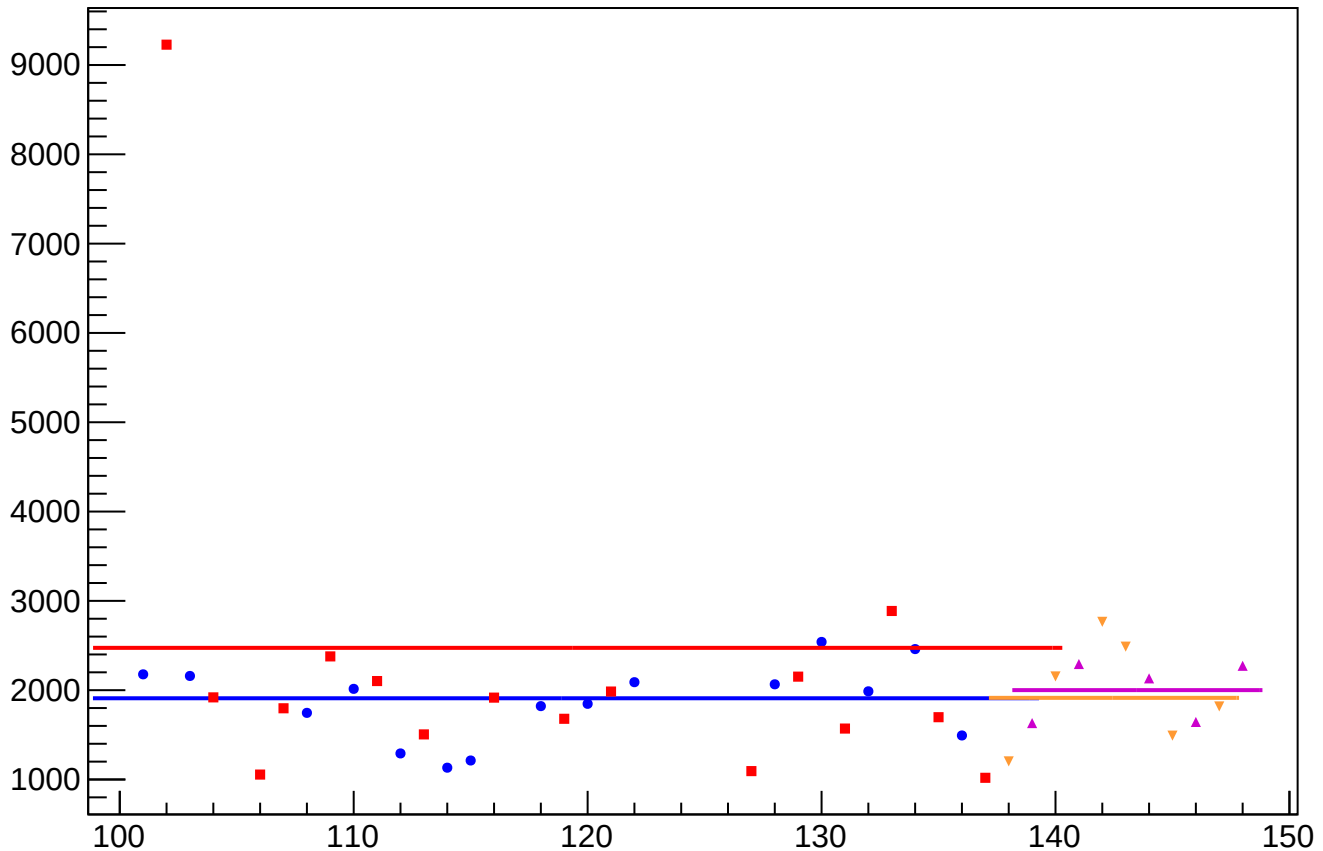
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

dit_atr2_coil4_mean vs Slug



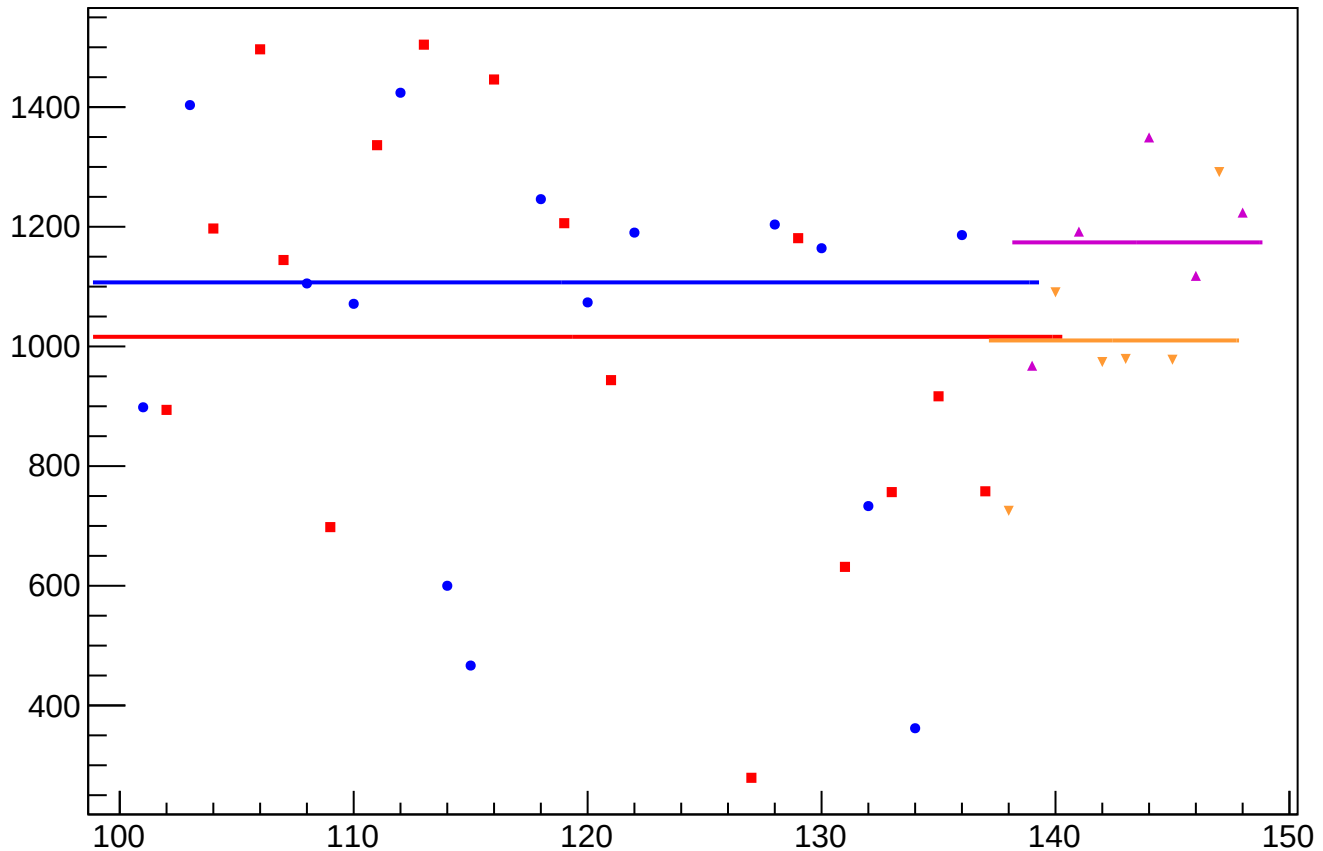
Right In: 30277.649+/-0.000	χ^2/NDF : 30975974641524142453090022540760519278592.0/14
	+ sign 28618.285+/-0.000 χ^2/NDF : 4375667745217
Left Out: 26125.399+/-0.000	χ^2/NDF : 8309033449854175923067192826294565863424.0/5
	All: 28776.390+/-0.000 χ^2/NDF : 9456565801
Right Out: 28896.318+/-0.000	χ^2/NDF : 46969504058010359146250560228409714147328.0/15
	- sign 28933.334+/-0.000 χ^2/NDF : 5075513513576
Left In: 28991.840+/-0.000	χ^2/NDF : 3783272680924637660467466041999440740352.0/4

dit_atr2_coil4_err_mean vs Slug



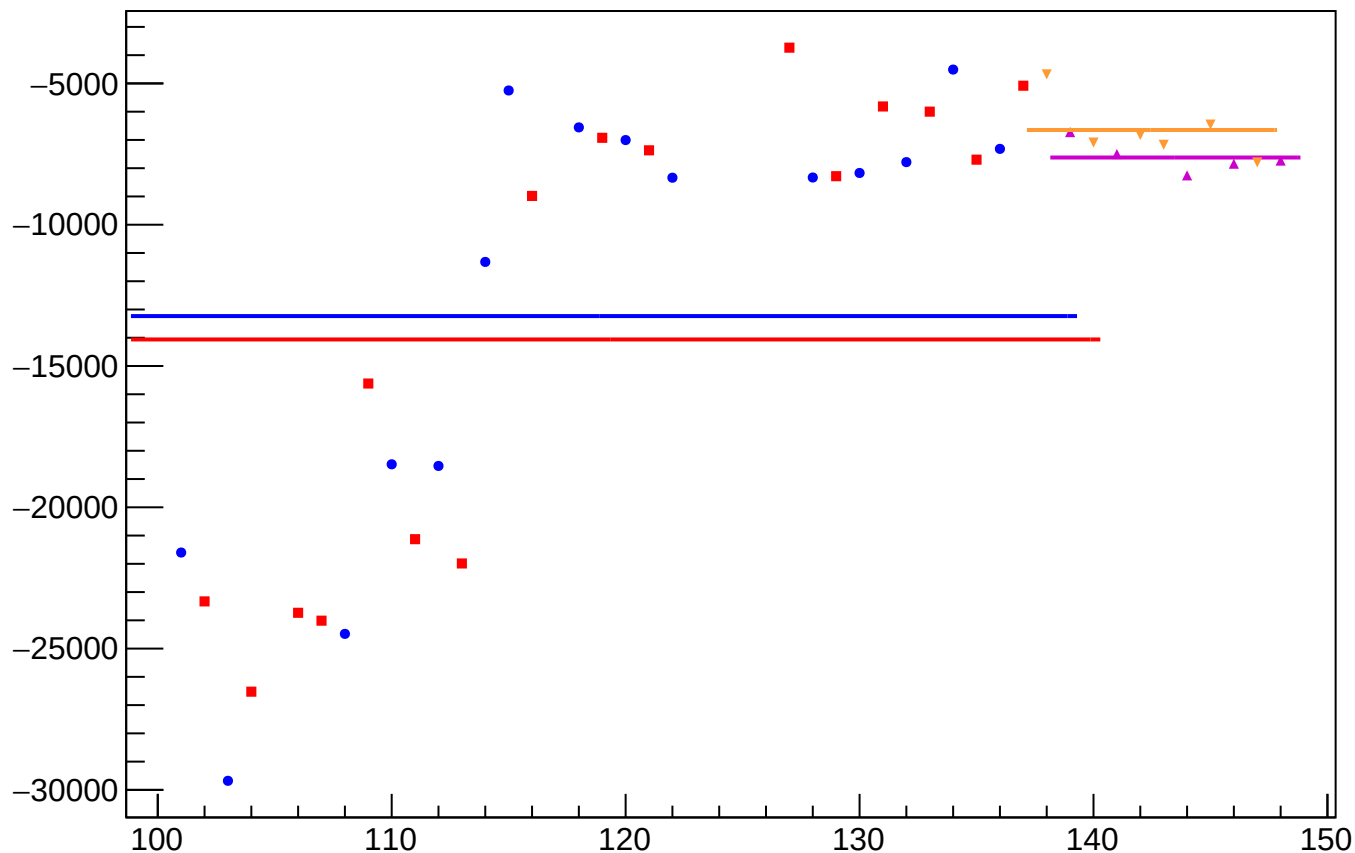
Right In: 1909.434 ± 0.000 χ^2/NDF : 87636974094211671524177650165869445120.0/14
 Left Out: 1914.092 ± 0.000 χ^2/NDF : 114748129378562866919479726521322569728.0/5
 Right Out: 2473.977 ± 0.000 χ^2/NDF : 3033908025746418121738753286600386412544.0/15
 Left In: 2000.623 ± 0.000 χ^2/NDF : 36614582497589628300512720200858075136.0/4

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: 1173.900 $\pm$ 0.000 χ^2 /NDF: 6675446999220672067512348047168241664.0/4

dit_sam1_coil4_mean vs Slug



Right In: -13233.367 ± 0.000 χ^2/NDF : 41257043836213043367596866559499640504320.0/14

+ sign -10601.783 ± 0.000 χ^2/NDF : 529474399330

Left Out: -6648.316 ± 0.000 χ^2/NDF : 443803166906922972591258796041294577664.0/5

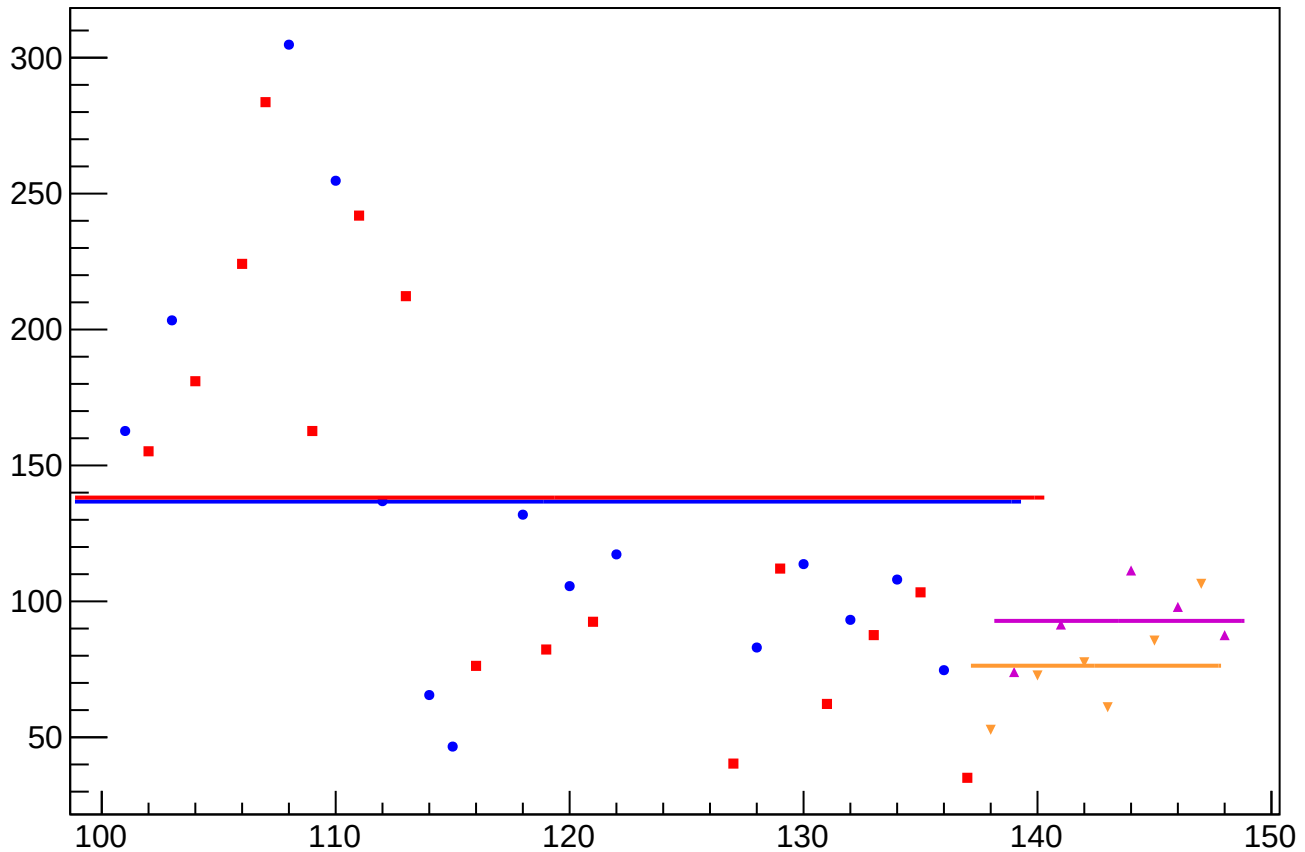
All: -11085.321 ± 0.000 χ^2/NDF : 108762063

Right Out: -14060.103 ± 0.000 χ^2/NDF : 44490594754280161766405556915711386845184.0/15

- sign -11565.306 ± 0.000 χ^2/NDF : 5531098669232

Left In: -7622.107 ± 0.000 χ^2/NDF : 107374020903040426923591287041756758016.0/4

dit_sam1_coil4_err_mean vs Slug



Right In: 136.711+/-0.000 χ^2/NDF : 2687065030885227126291764267456659456.0/14

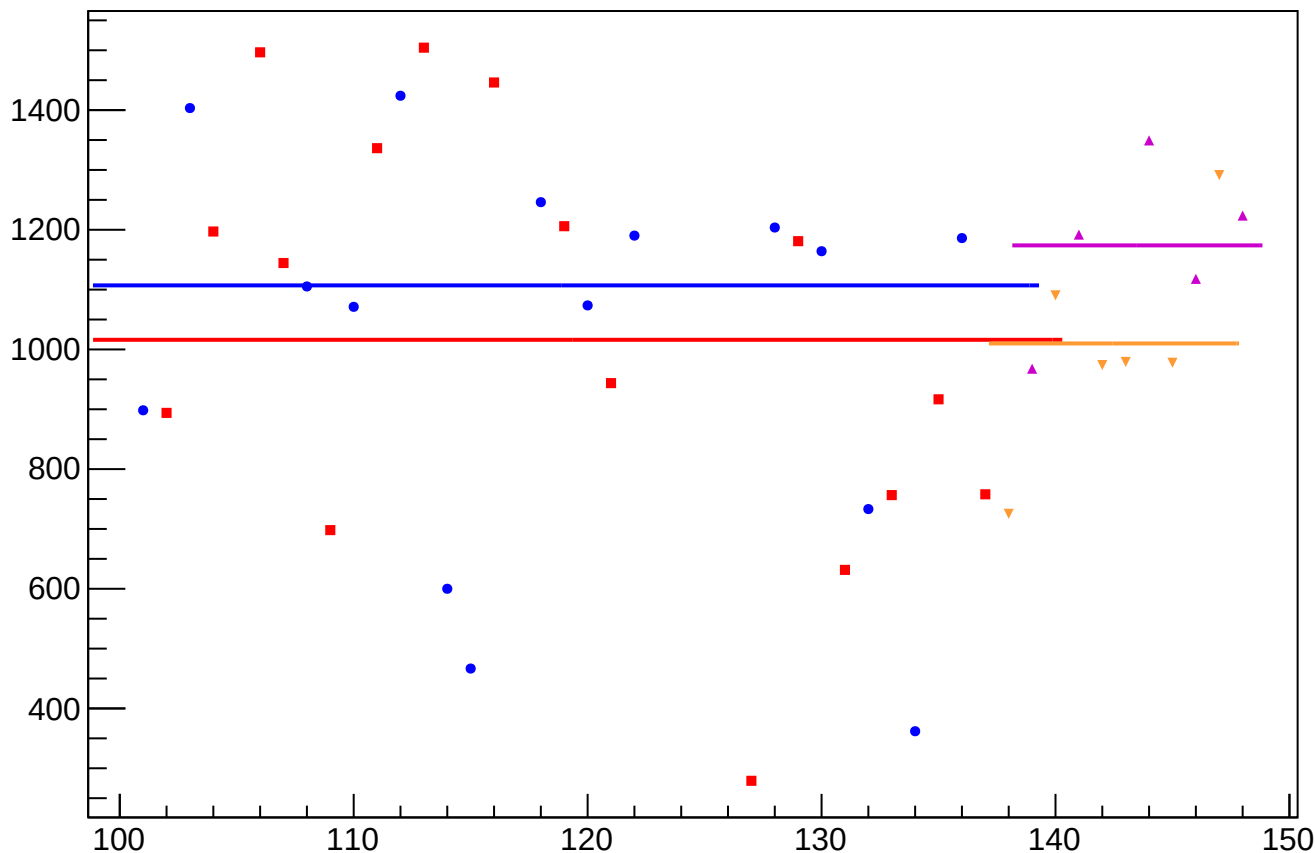
Left Out: 76.328+/-0.000 χ^2/NDF : 137804399681429297975000606829445120.0/5

Right Out: 138.179+/-0.000 χ^2/NDF : 3230883352878636334641613561898467328.0/15

Left In: 92.819+/-0.000 χ^2/NDF : 63953876077006216874328785940381696.0/4

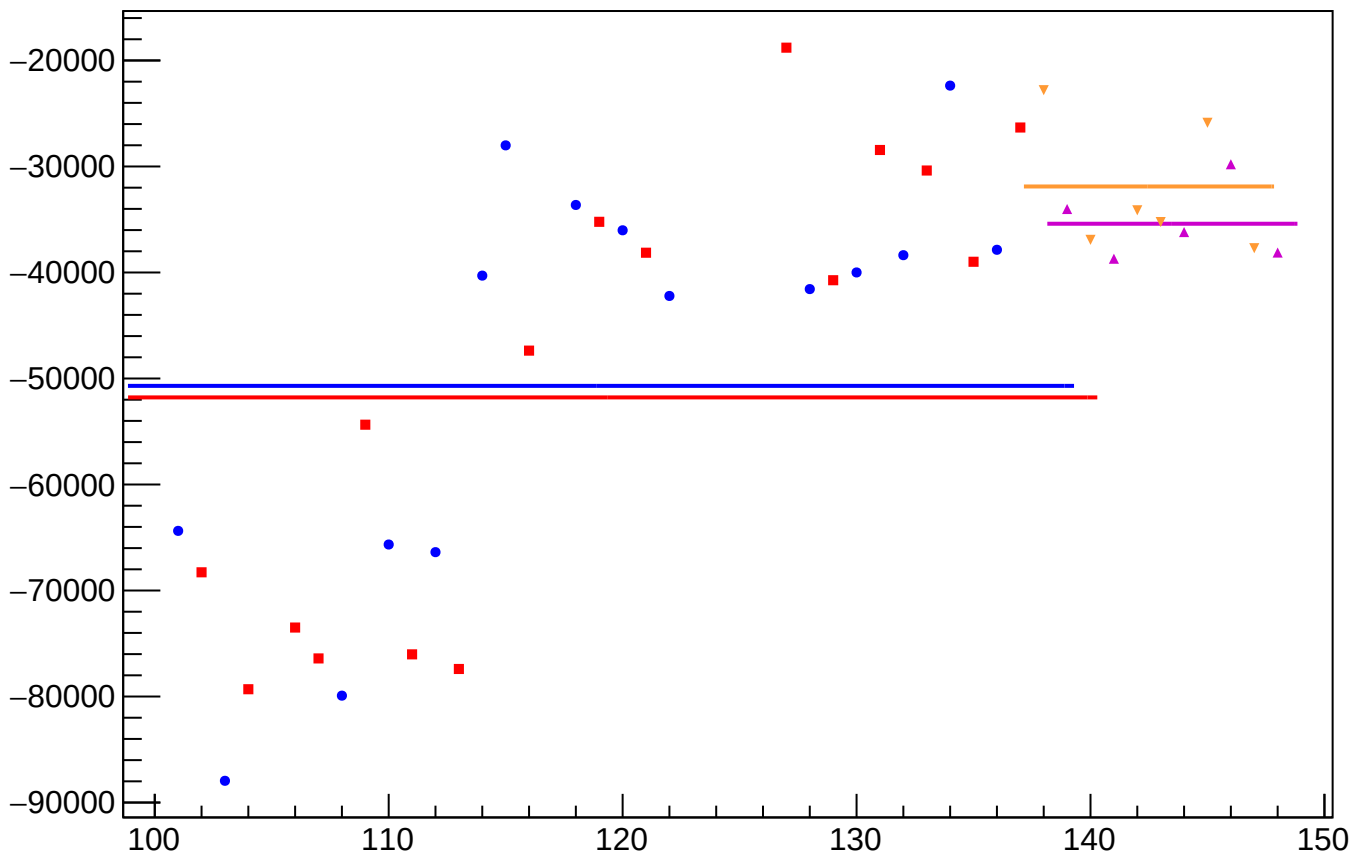
All: 116.606+/-0.000 χ^2/NDF : 763207107768

dit_sam1_coil4_Ndata_mean vs Slug



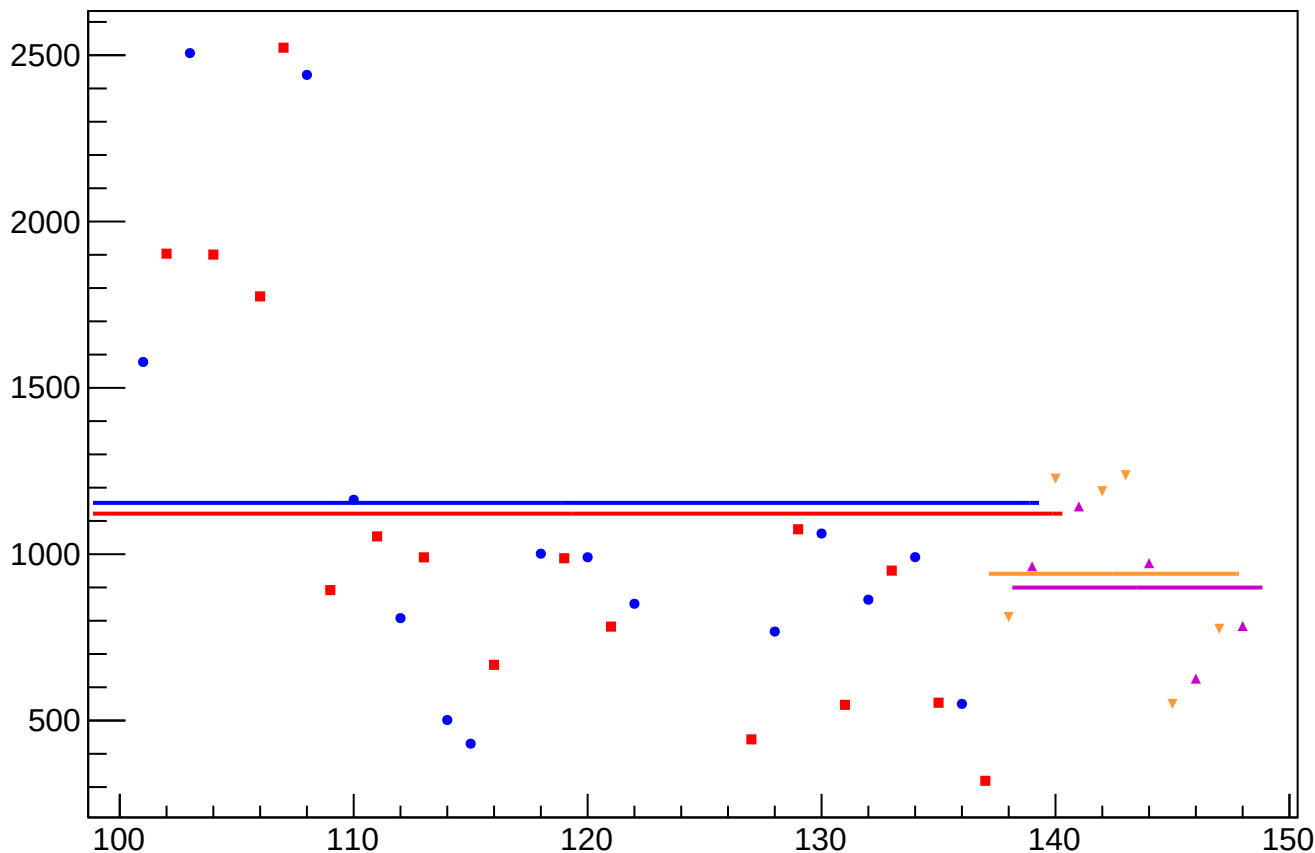
Right In: 1107.052 $\pm$ 0.000 χ^2 /NDF: 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 $\pm$ 0.000 χ^2 /NDF: 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106 $\pm$ 0.000 χ^2 /NDF: 72567664333509192712184310037150171136.0/15
 Left In: 1173.900 $\pm$ 0.000 χ^2 /NDF: 6675446999220672067512348047168241664.0/4

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: -35401.967+/-0.000 χ^2/NDF : 4370659159488830025155941300704571817984.0/4

dit_sam2_coil4_err_mean vs Slug



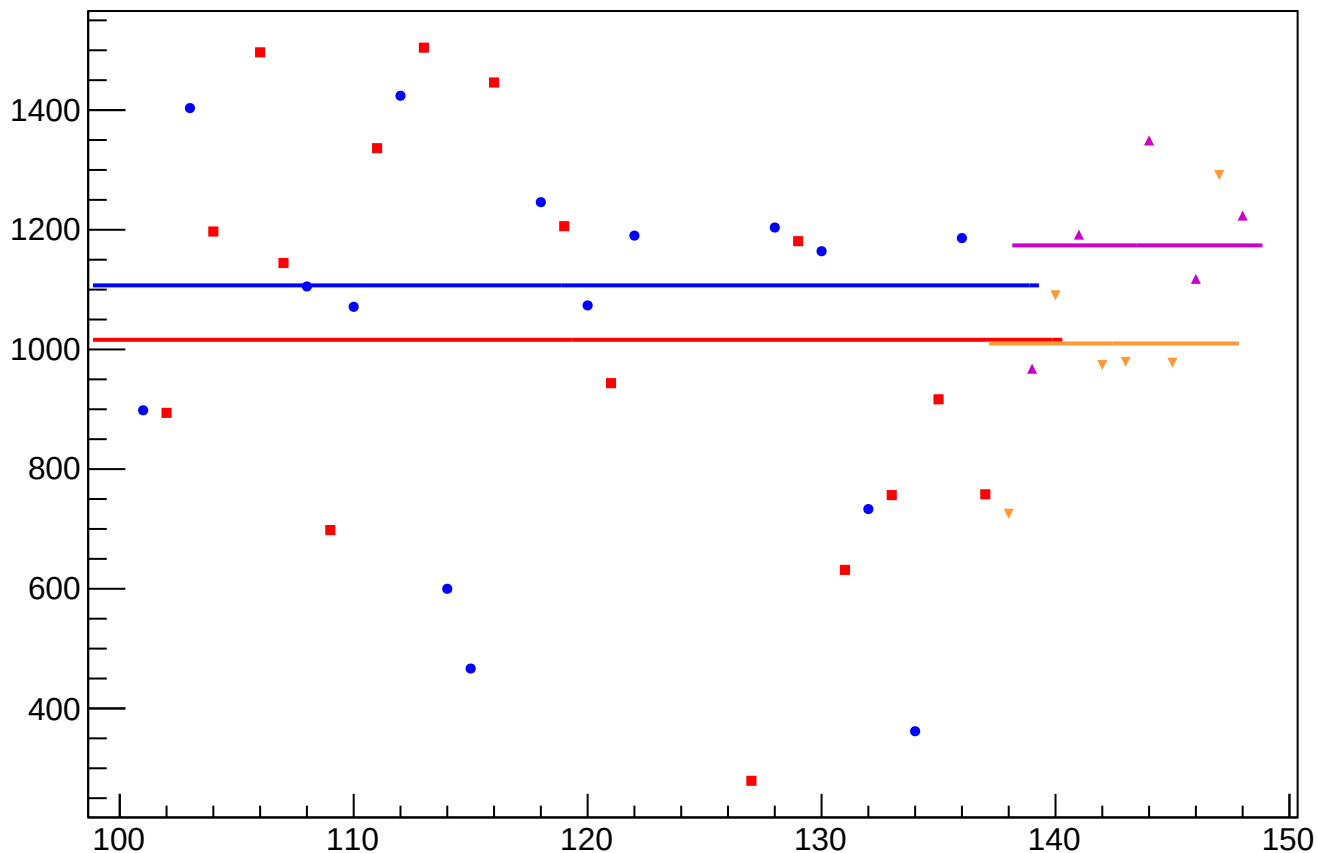
Right In: 1154.331+/-0.000 χ^2/NDF : 249270472563470703232737910394663731200.0/14

Left Out: 941.152+/-0.000 χ^2/NDF : 31267965375086310312246901946951139328.0/5

Right Out: 1121.934+/-0.000 χ^2/NDF : 226159335639567338179811644002797617152.0/15

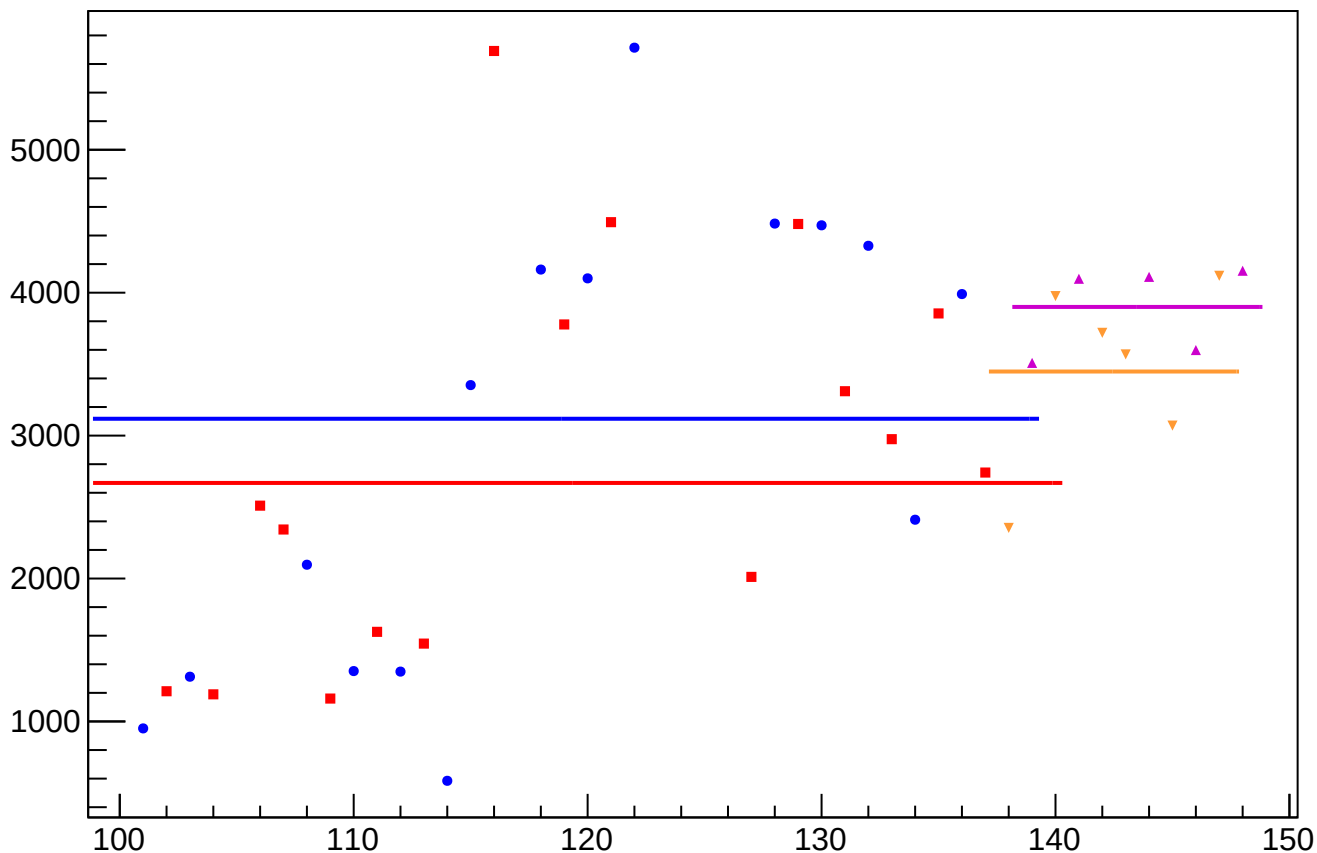
Left In: 899.749+/-0.000 χ^2/NDF : 13208682167849980510935243299970088960.0/4

dit_sam2_coil4_Ndata_mean vs Slug



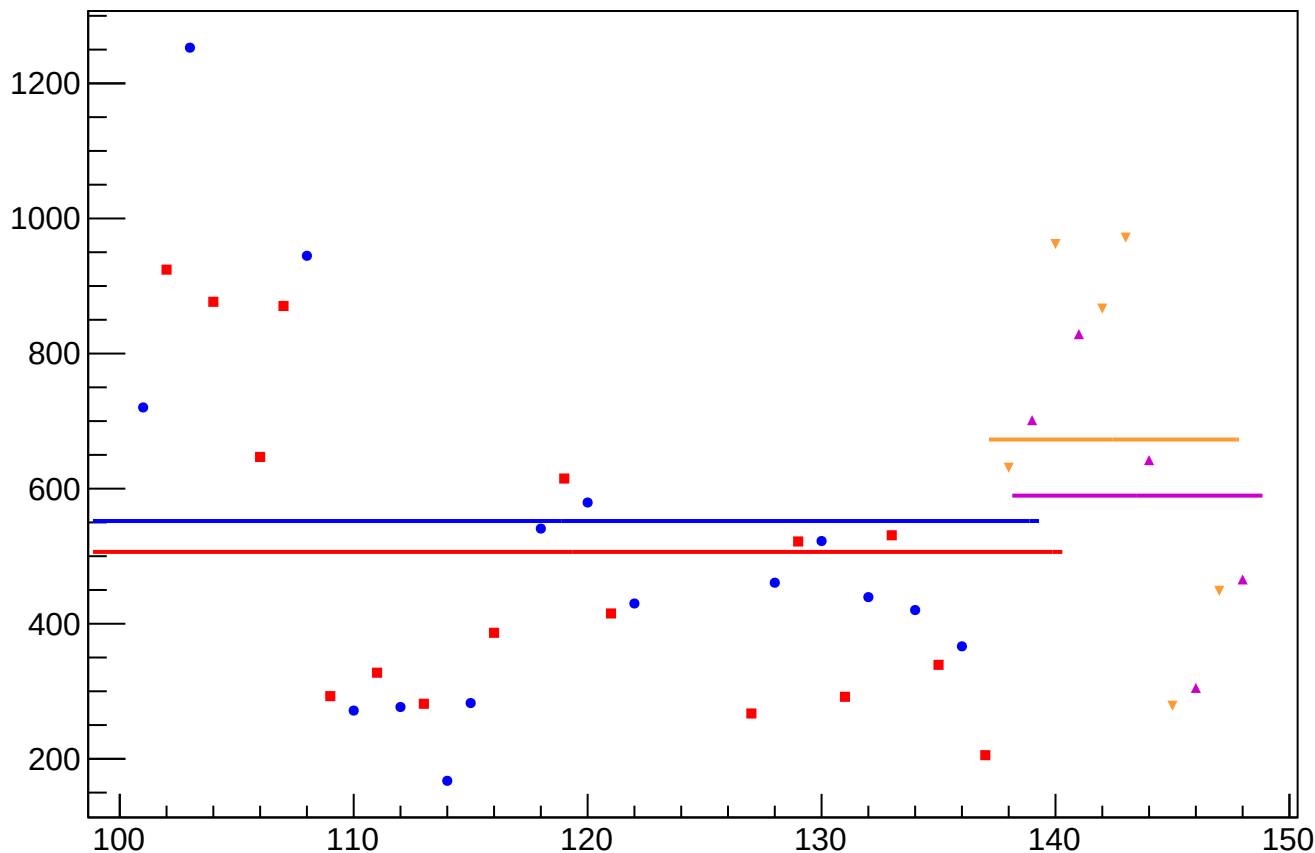
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

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: 3900.365+/-0.000 χ^2/NDF : 32598683599586512550903390085119475712.0/4

dit_sam3_coil4_err_mean vs Slug



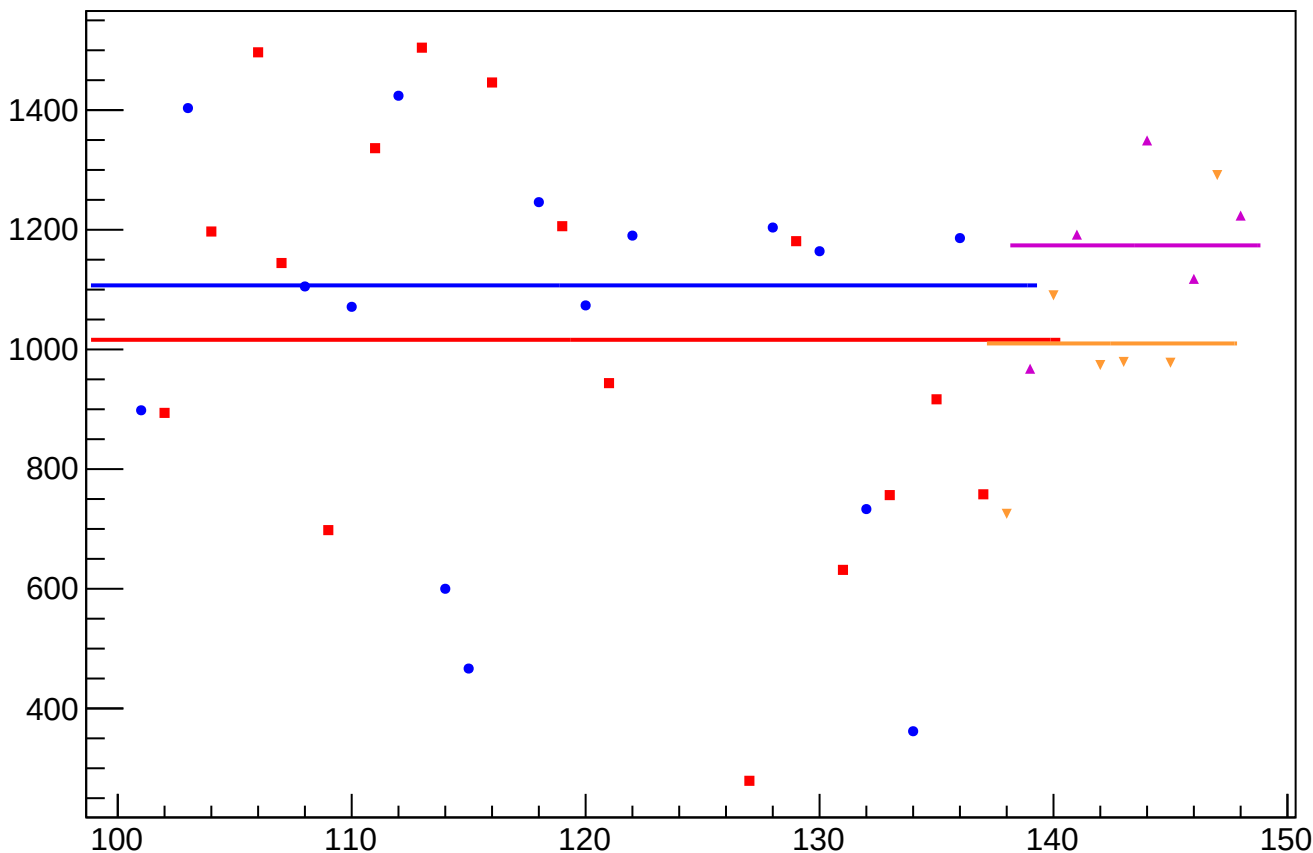
Right In: 552.108+/-0.000 χ^2/NDF : 50739041741159119848523988236001869824.0/14

Left Out: 672.775+/-0.000 χ^2/NDF : 31211683193862463039360041190334398464.0/5

Right Out: 506.345+/-0.000 χ^2/NDF : 37181653297314883501659131806010572800.0/15

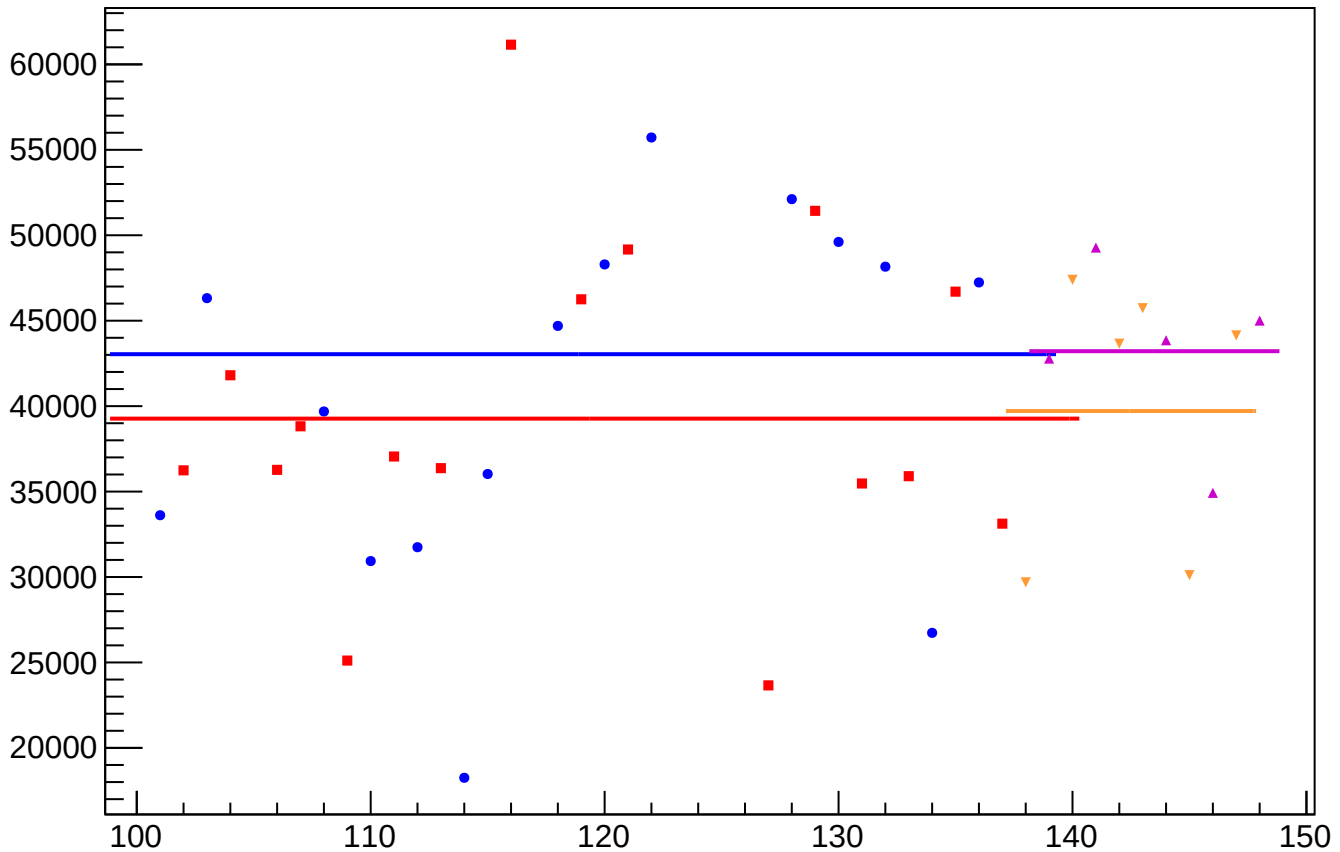
Left In: 589.679+/-0.000 χ^2/NDF : 14135566018482788448814812646120357888.0/4

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: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

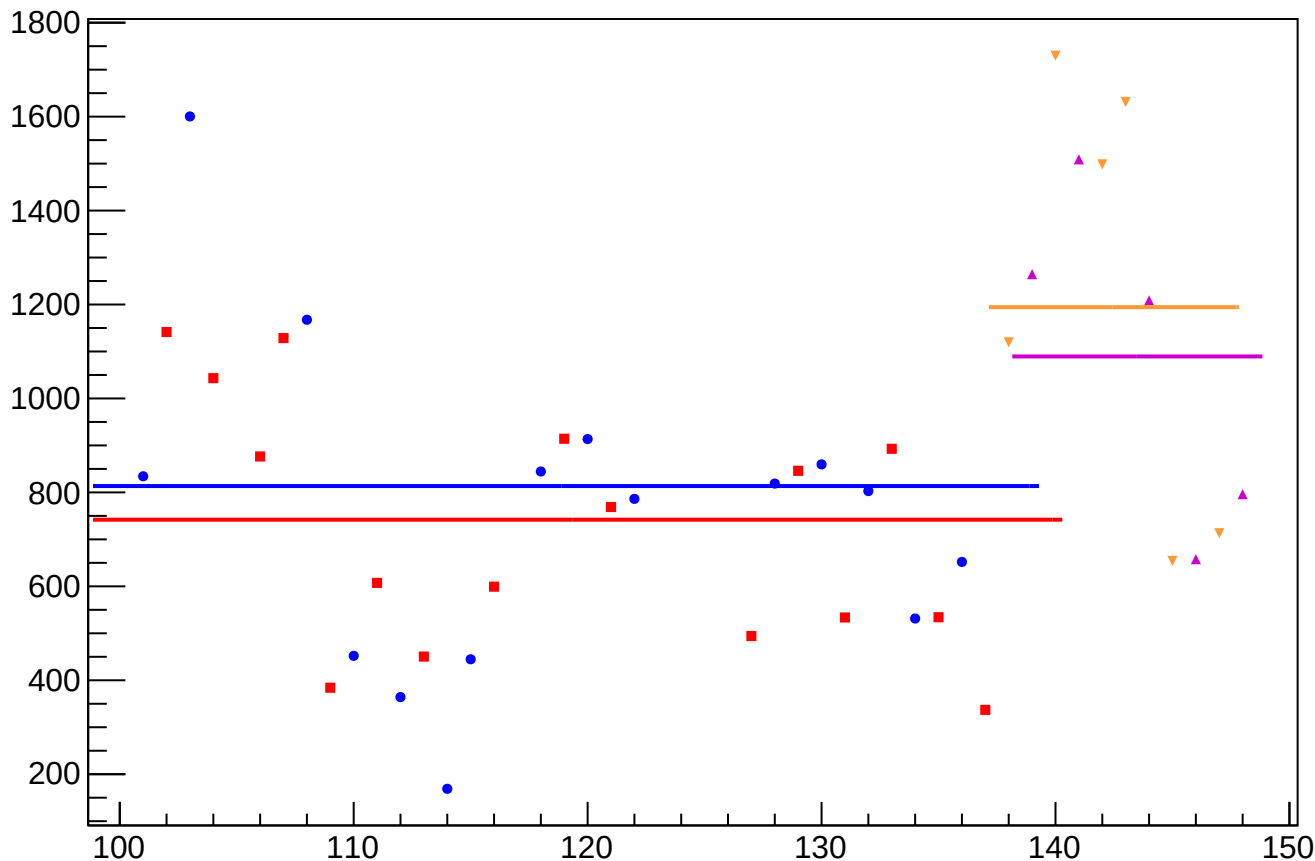
dit_sam4_coil4_mean vs Slug



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: 43215.249+/-0.000	χ^2/NDF : 9147755624794970383720486714470939230208.0/4

+ sign 41710.624+/-0.000 χ^2/NDF : 7608302082610.0/5
 All: 41252.931+/-0.000 χ^2/NDF : 1415788971.0/10
 - sign 40798.600+/-0.000 χ^2/NDF : 6504463834613.0/10

dit_sam4_coil4_err_mean vs Slug



Right In: 813.500 +/- 0.000 χ^2/NDF : 67120916816548237638948787518351343616.0/14

Left Out: 1194.345 +/- 0.000 χ^2/NDF : 82690981101209825156978331257239764992.0/5

Right Out: 741.911 +/- 0.000 χ^2/NDF : 44074134397215409235604746432671645696.0/15

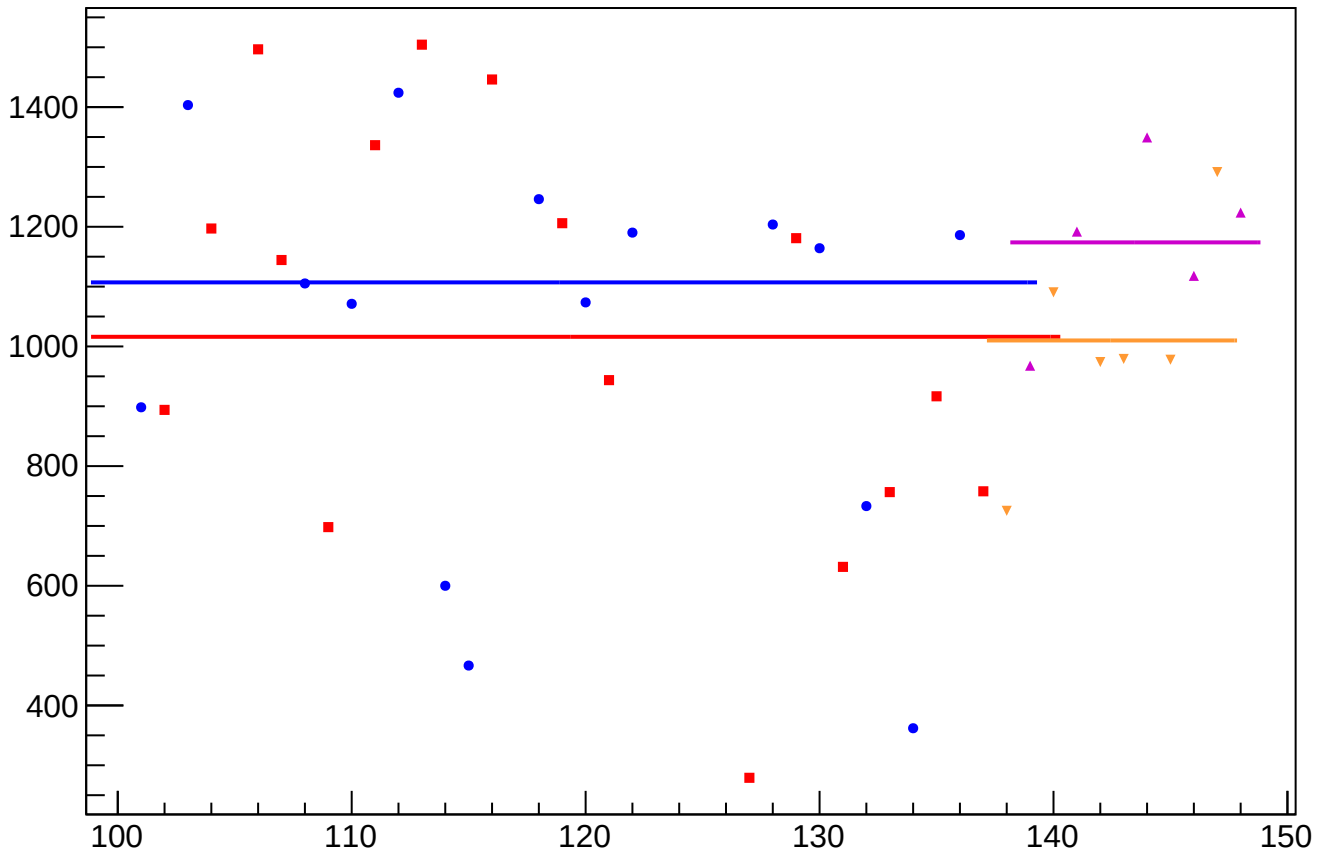
Left In: 1089.455 +/- 0.000 χ^2/NDF : 41407667010284085489364754564024107008.0/4

+ sign 965.697 +/- 0.000 χ^2/NDF : 187430220208278

All: 920.979 +/- 0.000 χ^2/NDF : 308439407574

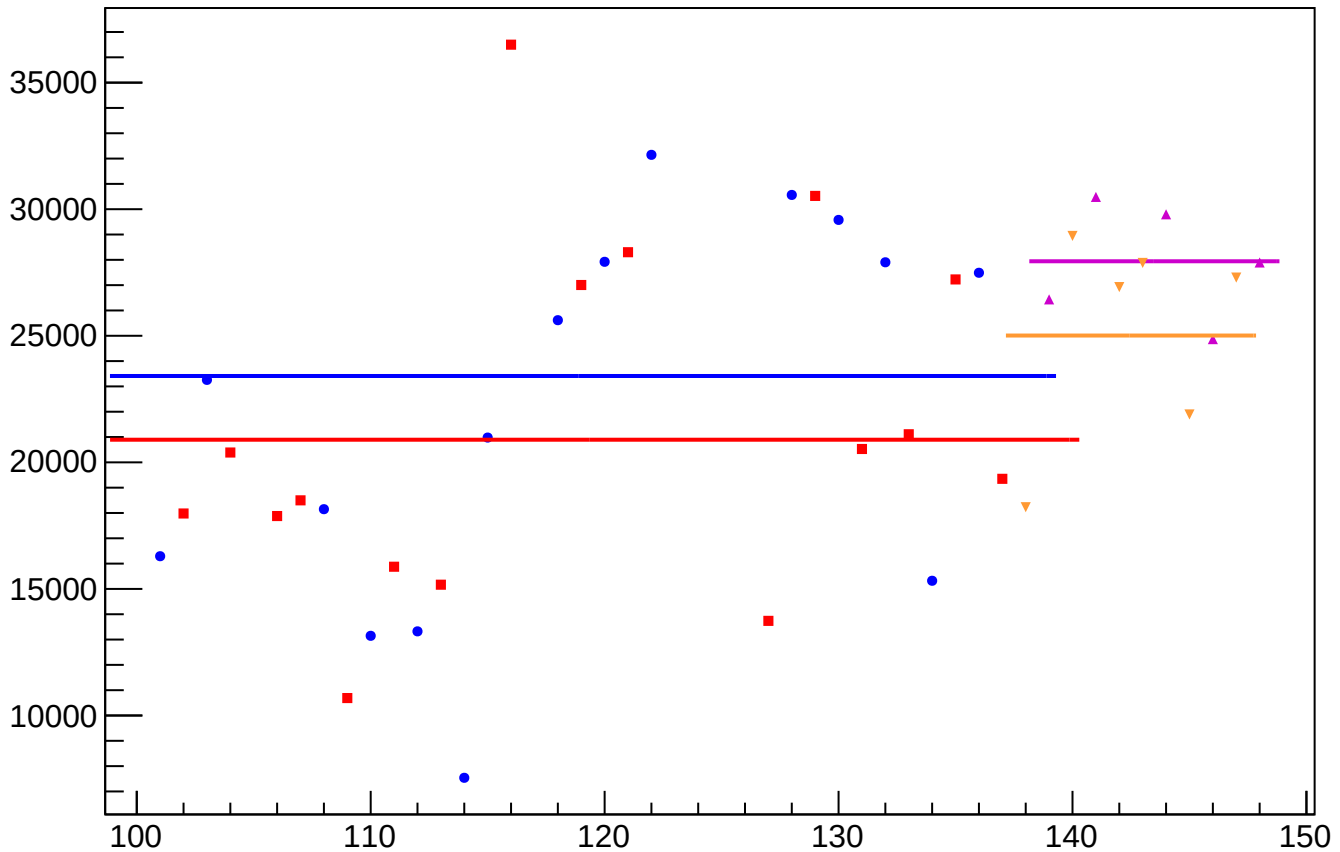
- sign 876.588 +/- 0.000 χ^2/NDF : 116701559364416

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: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

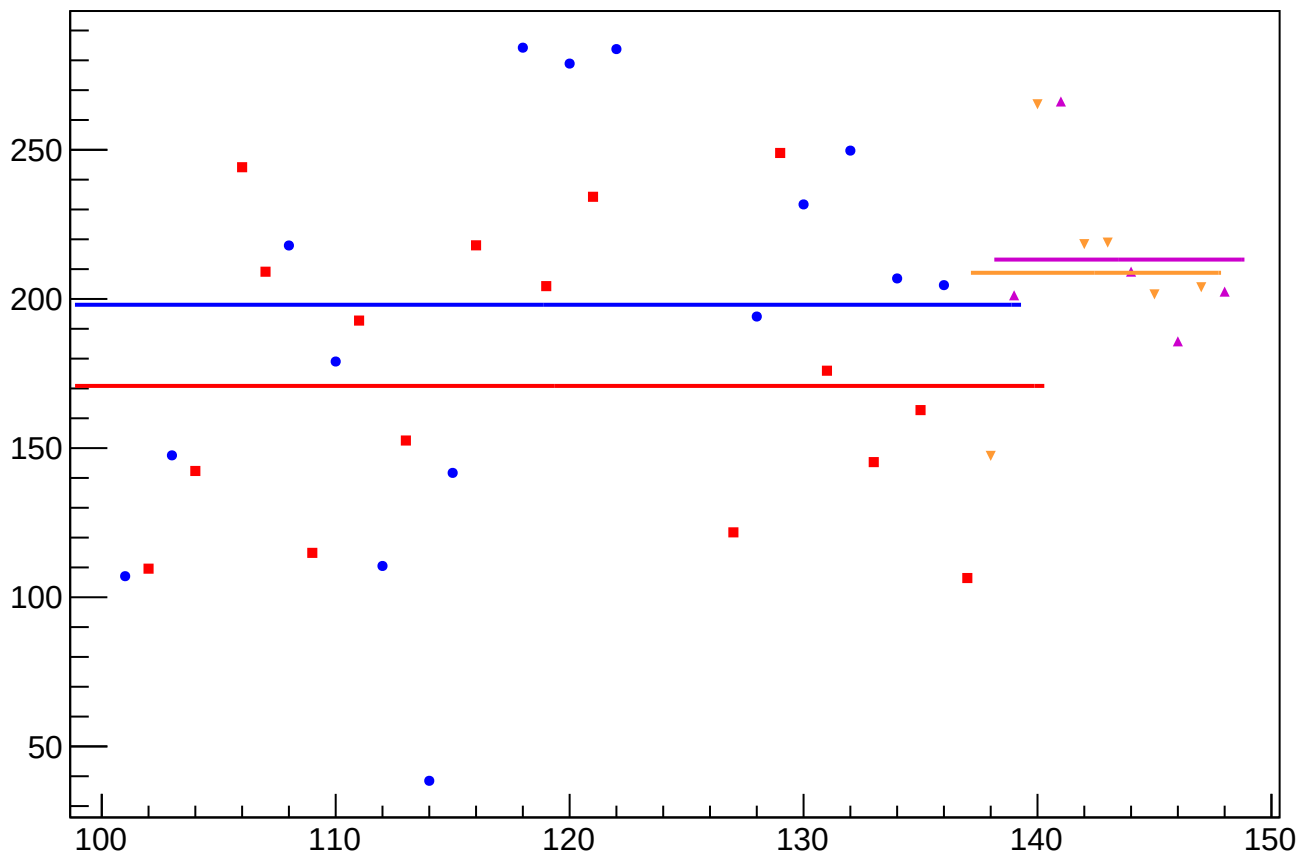
dit_sam5_coil4_mean vs Slug



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: 27943.112+/-0.000	χ^2/NDF : 1824400728659798613601412339000353488896.0/4

+ sign 24050.117+/-0.000 χ^2/NDF : 3586283150285
 All: 23837.119+/-0.000 χ^2/NDF : 7803685482
 - sign 23625.686+/-0.000 χ^2/NDF : 4207629813068

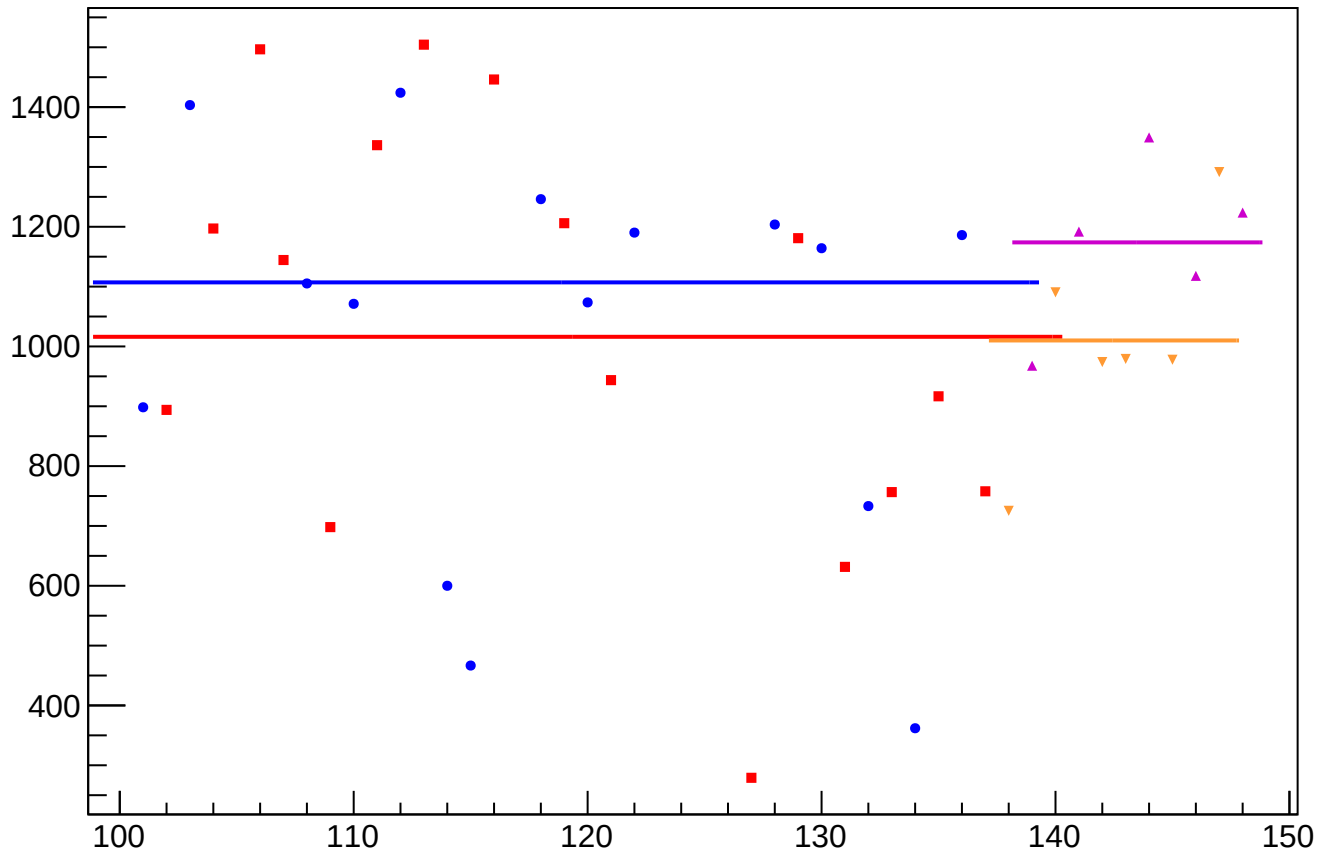
dit_sam5_coil4_err_mean vs Slug



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: 213.202+/-0.000	χ^2/NDF : 323859928687876423682997870529609728.0/4

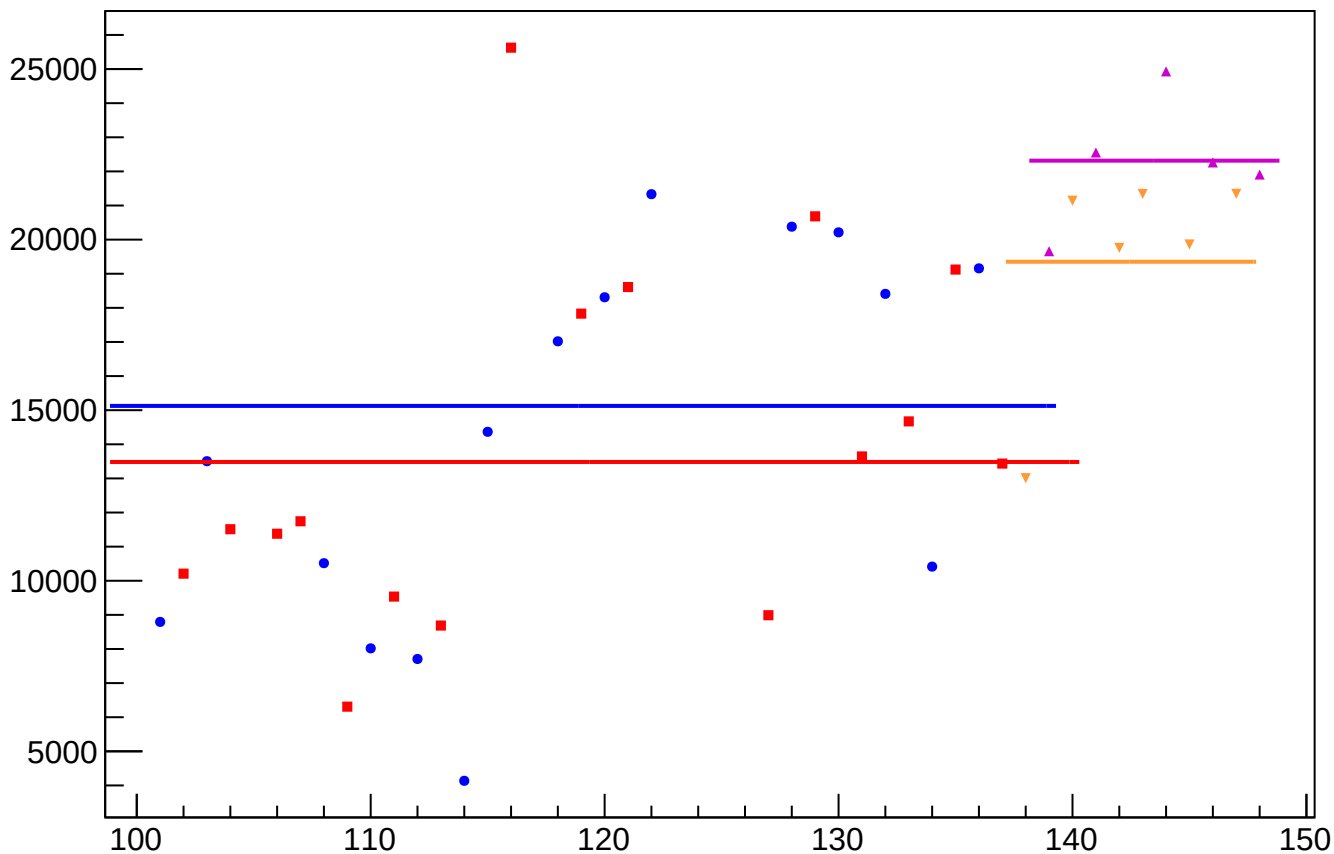
+ sign 202.339+/-0.000 χ^2/NDF : 308544546768362
 All: 194.773+/-0.000 χ^2/NDF : 54145098708
 - sign 187.263+/-0.000 χ^2/NDF : 220574932270402

dit_sam5_coil4_Ndata_mean vs Slug



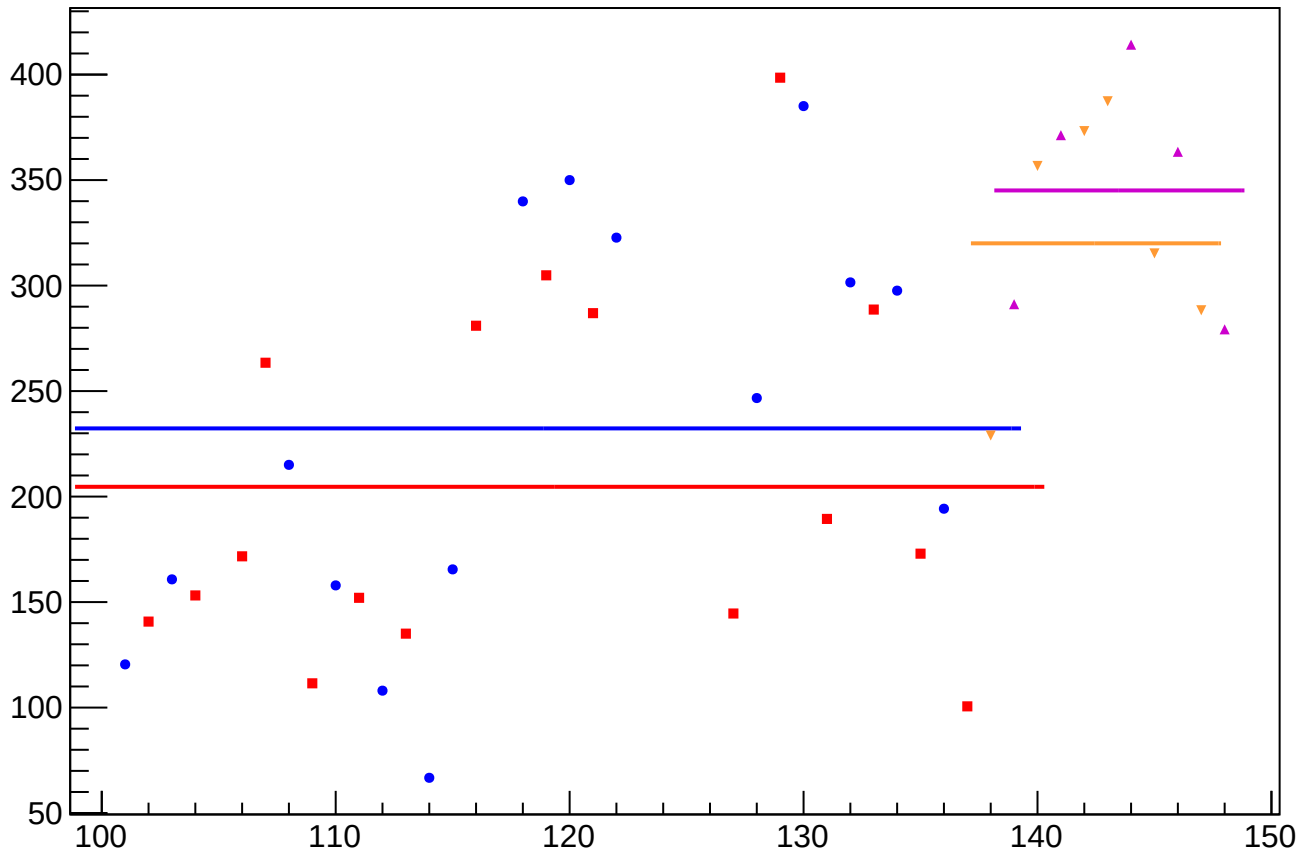
Right In: 1107.052+/-0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995+/-0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106+/-0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4
 All: 1072.776+/-0.000 χ^2/NDF : 14203809601
 + sign 1068.265+/-0.000 χ^2/NDF : 56315523589353
 - sign 1077.253+/-0.000 χ^2/NDF : 85678748120132

dit_sam6_coil4_mean vs Slug



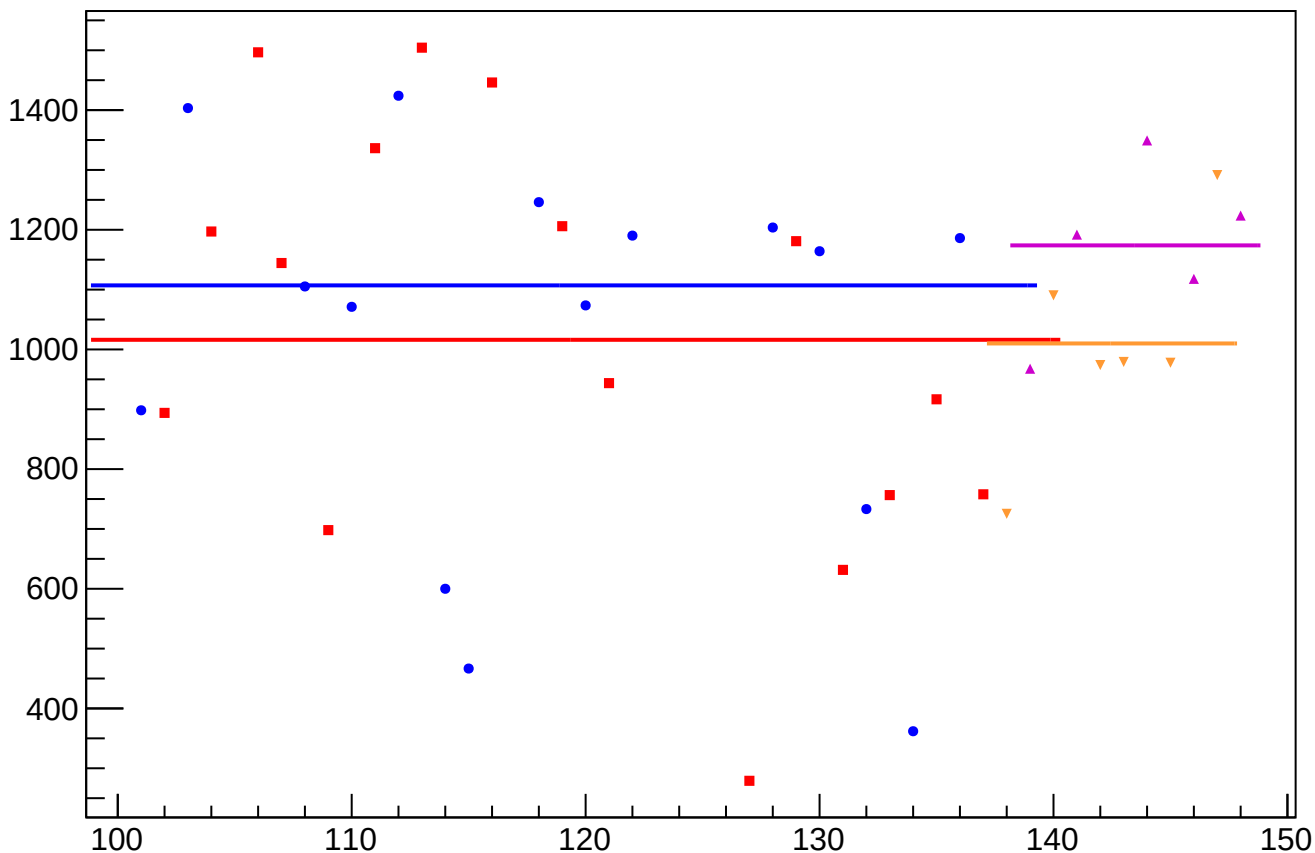
Right In: 15125.834+/-0.000 χ^2/NDF : 16615438767664069151744668380763246297088.0/14
 Left Out: 19351.679+/-0.000 χ^2/NDF : 4004561642979184799490915989093986861056.0/5
 Right Out: 13482.244+/-0.000 χ^2/NDF : 159104264754078252502248749810022088704.0/15
 Left In: 22314.711+/-0.000 χ^2/NDF : 1199402624853446190470714501962961780736.0/4

dit_sam6_coil4_err_mean vs Slug



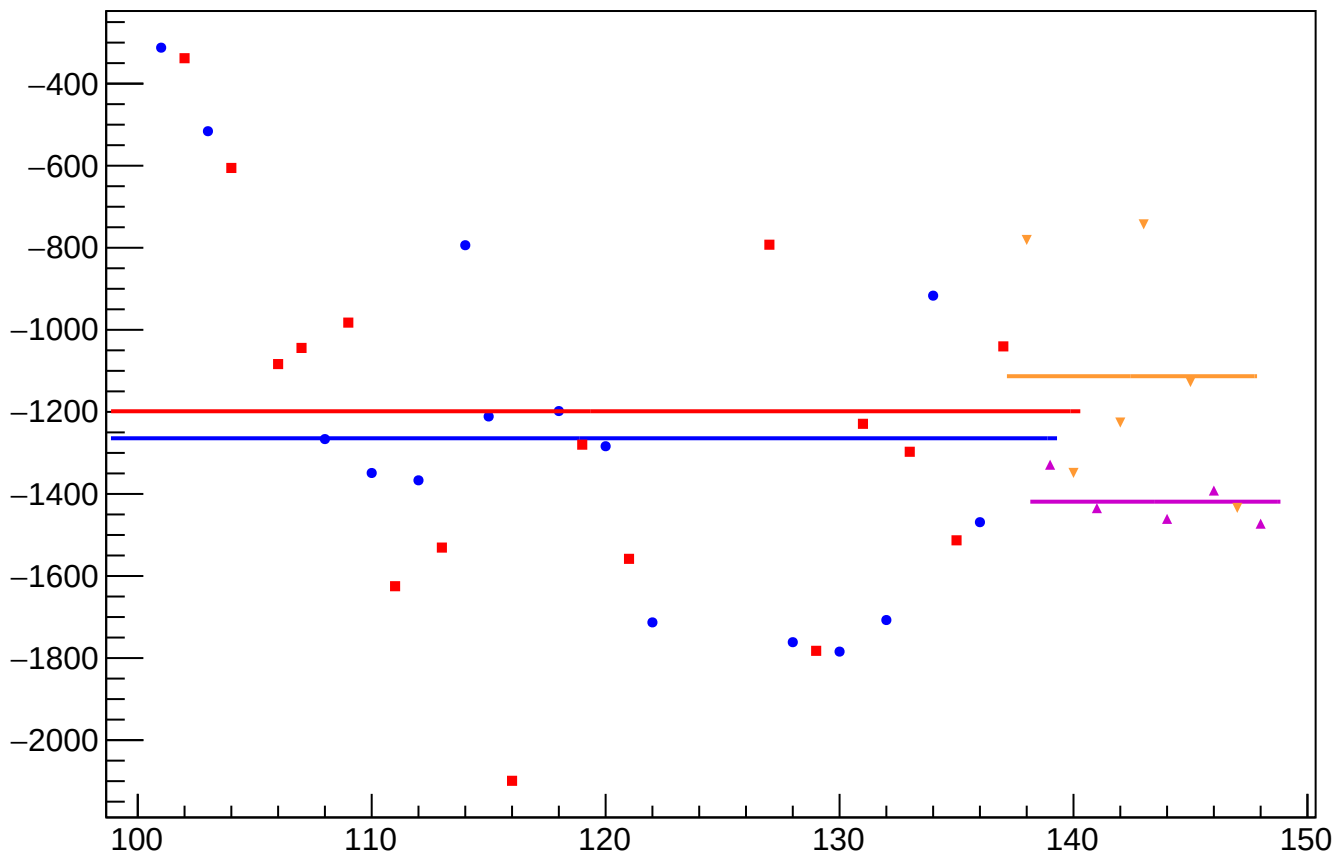
Right In: 232.312+/-0.000 χ^2/NDF : 5478184144885833956204804001180418048.0/14
 Left Out: 320.020+/-0.000 χ^2/NDF : 1271420744221737780461936561008672768.0/5
 Right Out: 204.637+/-0.000 χ^2/NDF : 4555067046835230017930882867882098688.0/15
 Left In: 345.091+/-0.000 χ^2/NDF : 1110366622880478274136538627532914688.0/4

dit_sam6_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: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

dit_sam7_coil4_mean vs Slug



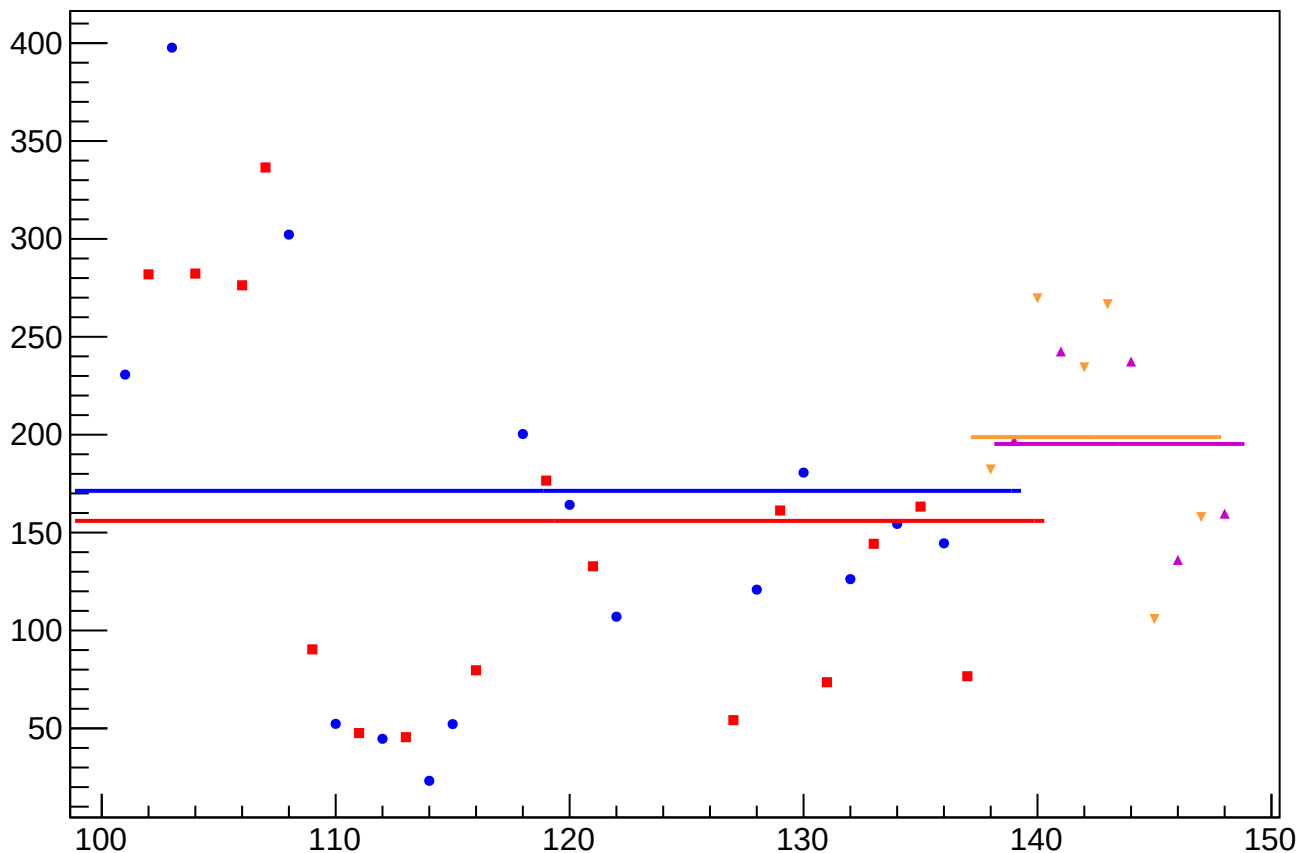
Right In: -1264.303+/-0.000	χ^2/NDF : 140215251538502657549173994543931981824.0/14
Left Out: -1113.071+/-0.000	χ^2/NDF : 30970268891614382645525761371087568896.0/5
Right Out: -1198.483+/-0.000	χ^2/NDF : 131164763898016793515492217696167133184.0/15
Left In: -1418.864+/-0.000	χ^2/NDF : 1137099779116639415227048984831852544.0/4

+ sign -1203.866+/-0.000 χ^2/NDF : 1771173709639

All: -1244.022+/-0.000 χ^2/NDF : 3254460318

- sign -1283.883+/-0.000 χ^2/NDF : 1448551652269

dit_sam7_coil4_err_mean vs Slug



Right In: 171.323+/-0.000 χ^2/NDF : 6120975075187305509795143064993398784.0/14

+ sign 182.284+/-0.000 χ^2/NDF : 794629029923248

Left Out: 198.752+/-0.000 χ^2/NDF : 1630184635589560478366616611215900672.0/5

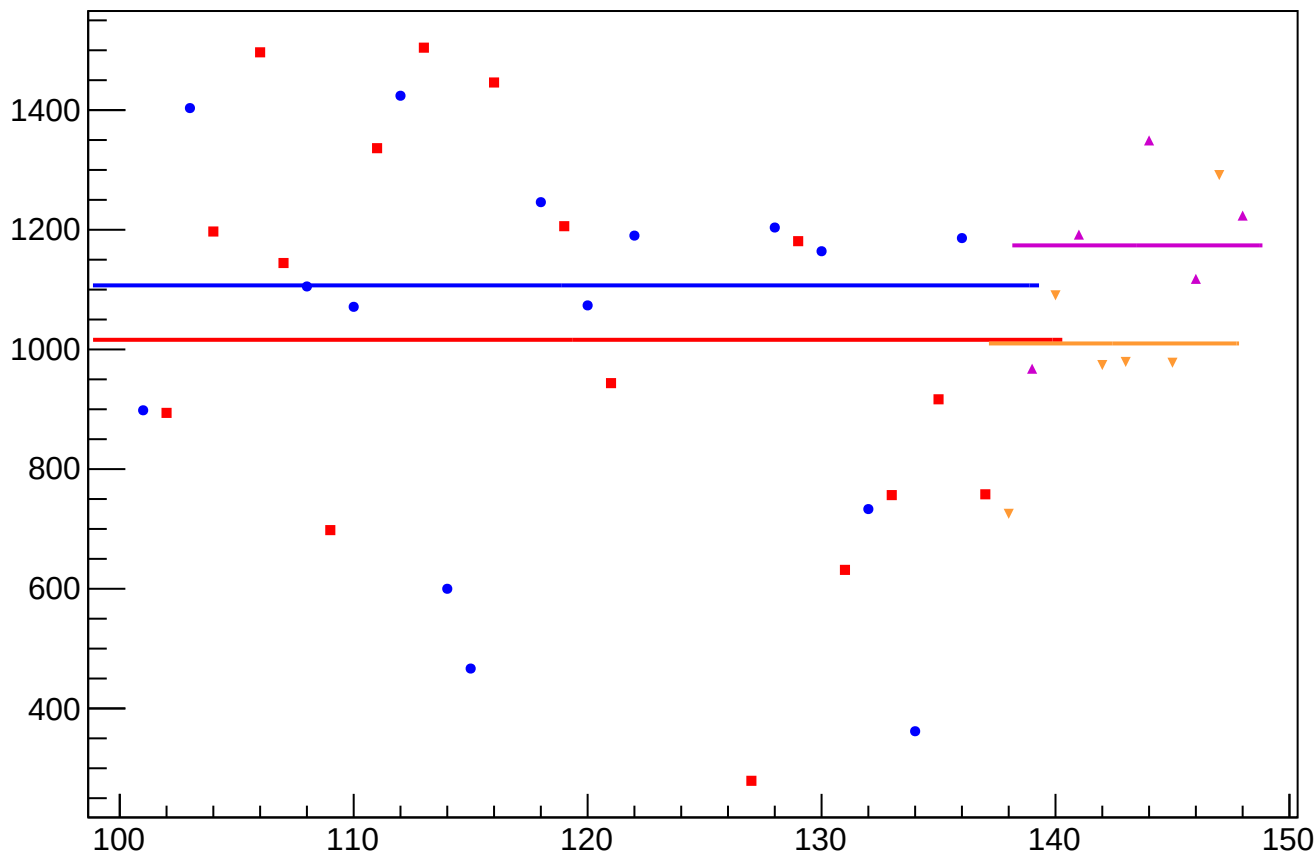
All: 176.728+/-0.000 χ^2/NDF : 148374549758

Right Out: 155.993+/-0.000 χ^2/NDF : 5680659281504595852021524727244783616.0/15

- sign 171.212+/-0.000 χ^2/NDF : 682466521003600

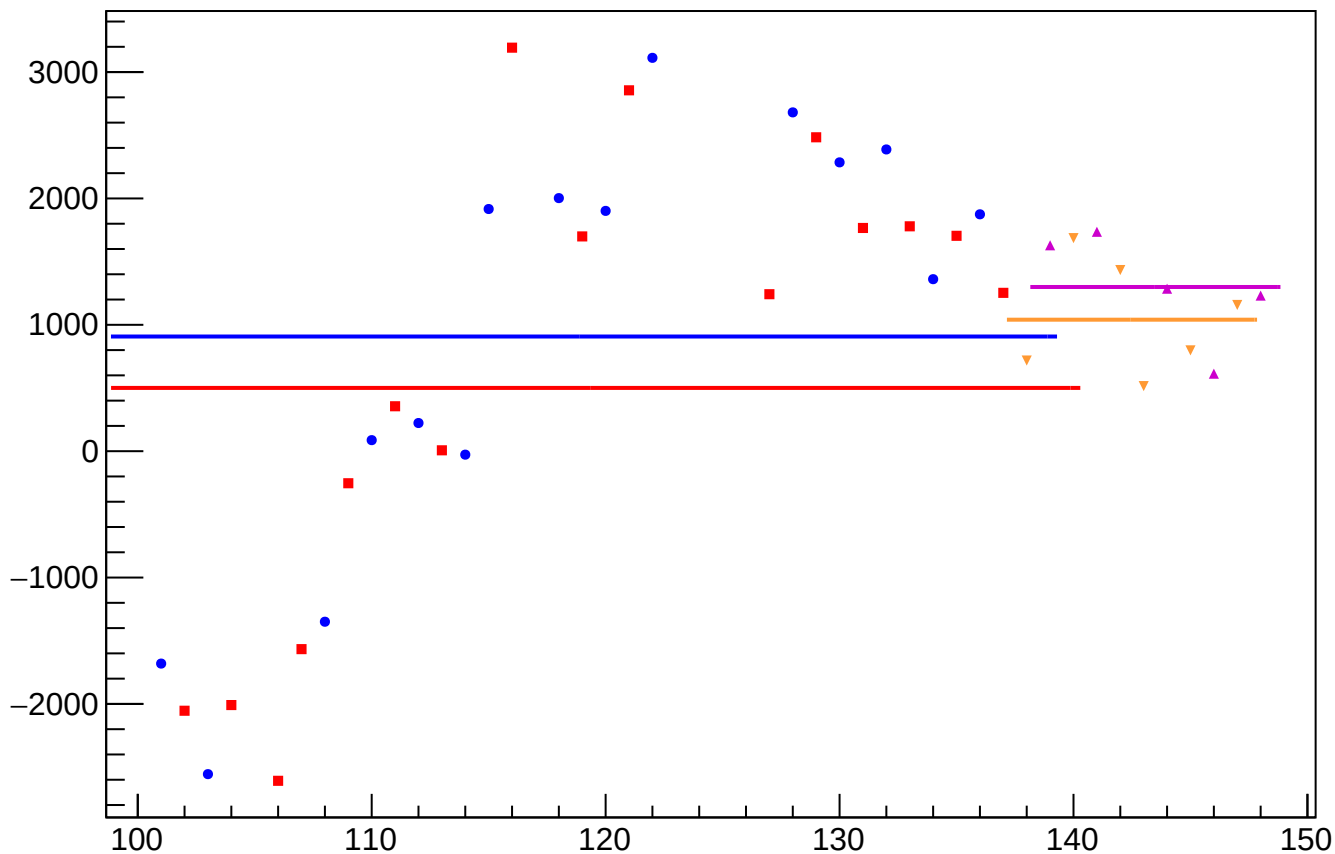
Left In: 195.267+/-0.000 χ^2/NDF : 745337832753853418183798731992727552.0/4

dit_sam7_coil4_Ndata_mean vs Slug



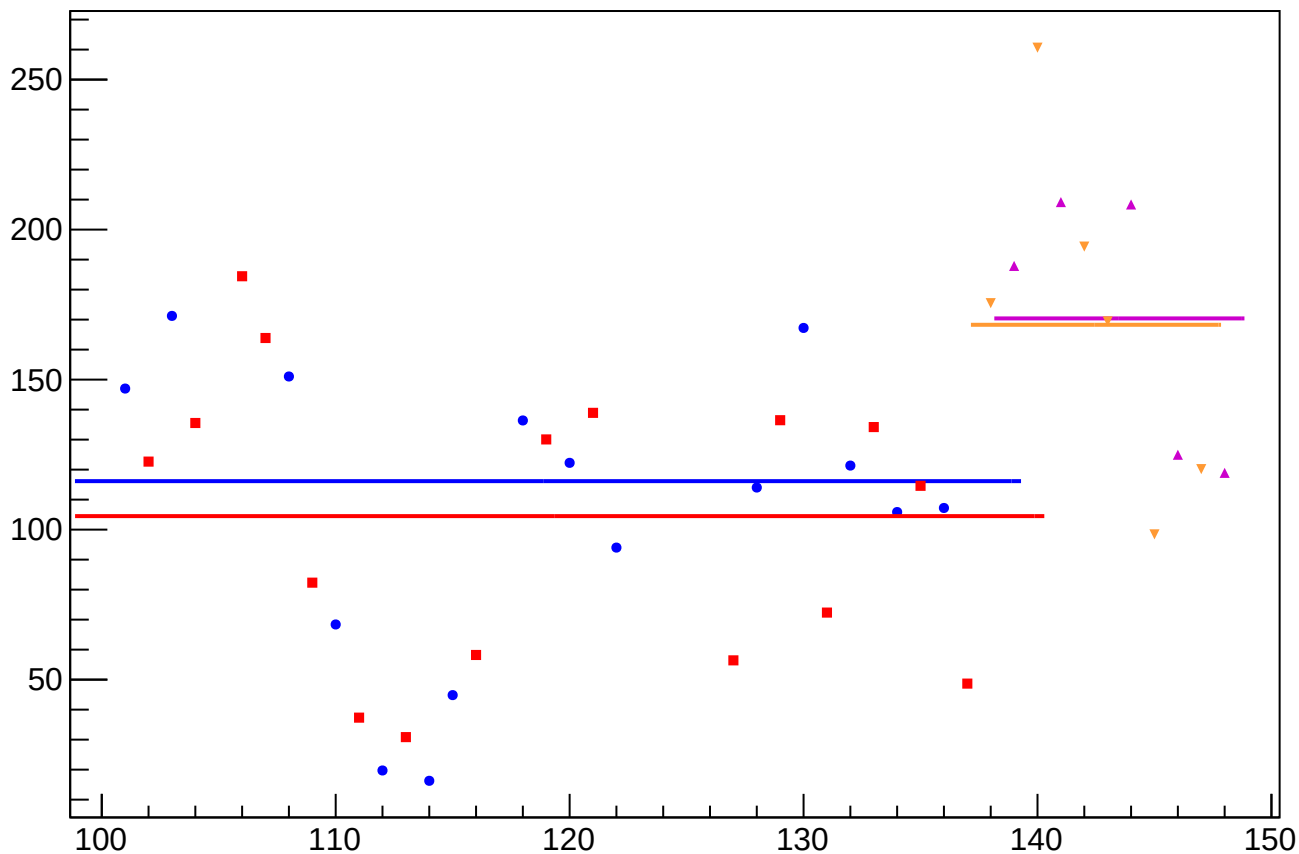
Right In: 1107.052 +/- 0.000 χ^2/NDF : 40633831787810179240542210398269472768.0/14
 Left Out: 1009.995 +/- 0.000 χ^2/NDF : 13238505208121456504355975514007011328.0/5
 Right Out: 1016.106 +/- 0.000 χ^2/NDF : 72567664333509192712184310037150171136.0/15
 Left In: 1173.900 +/- 0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

dit_sam8_coil4_mean vs Slug



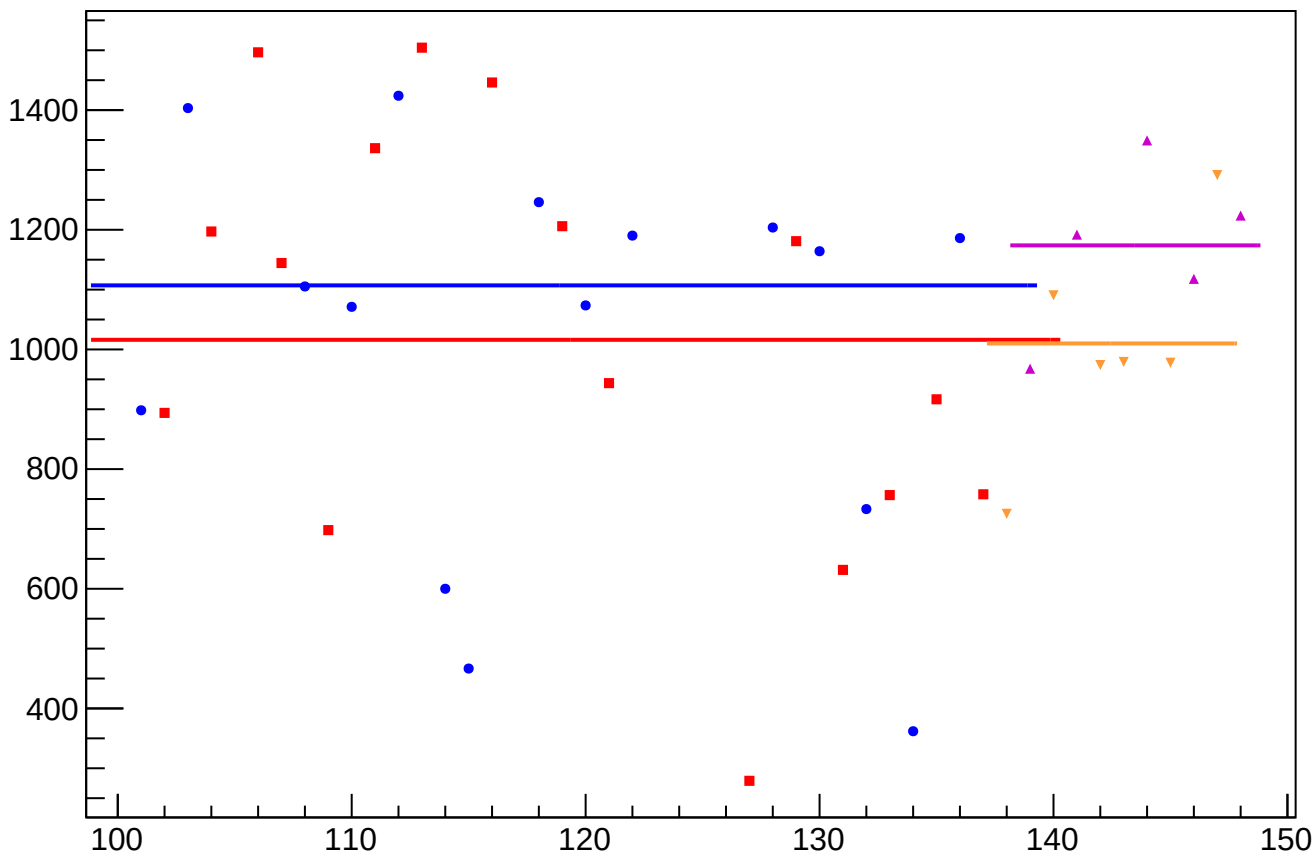
Right In: 907.442 $\pm$ 0.000 χ^2 /NDF: 2107238007691848638499662178406566461440.0/14
 Left Out: 1040.579 $\pm$ 0.000 χ^2 /NDF: 73752747969769883324346041931871027200.0/5
 Right Out: 500.689 $\pm$ 0.000 χ^2 /NDF: 2074232918749953174436803426379074895872.0/15
 Left In: 1299.372 $\pm$ 0.000 χ^2 /NDF: 64515145020429587547392956276070678528.0/4

dit_sam8_coil4_err_mean vs Slug



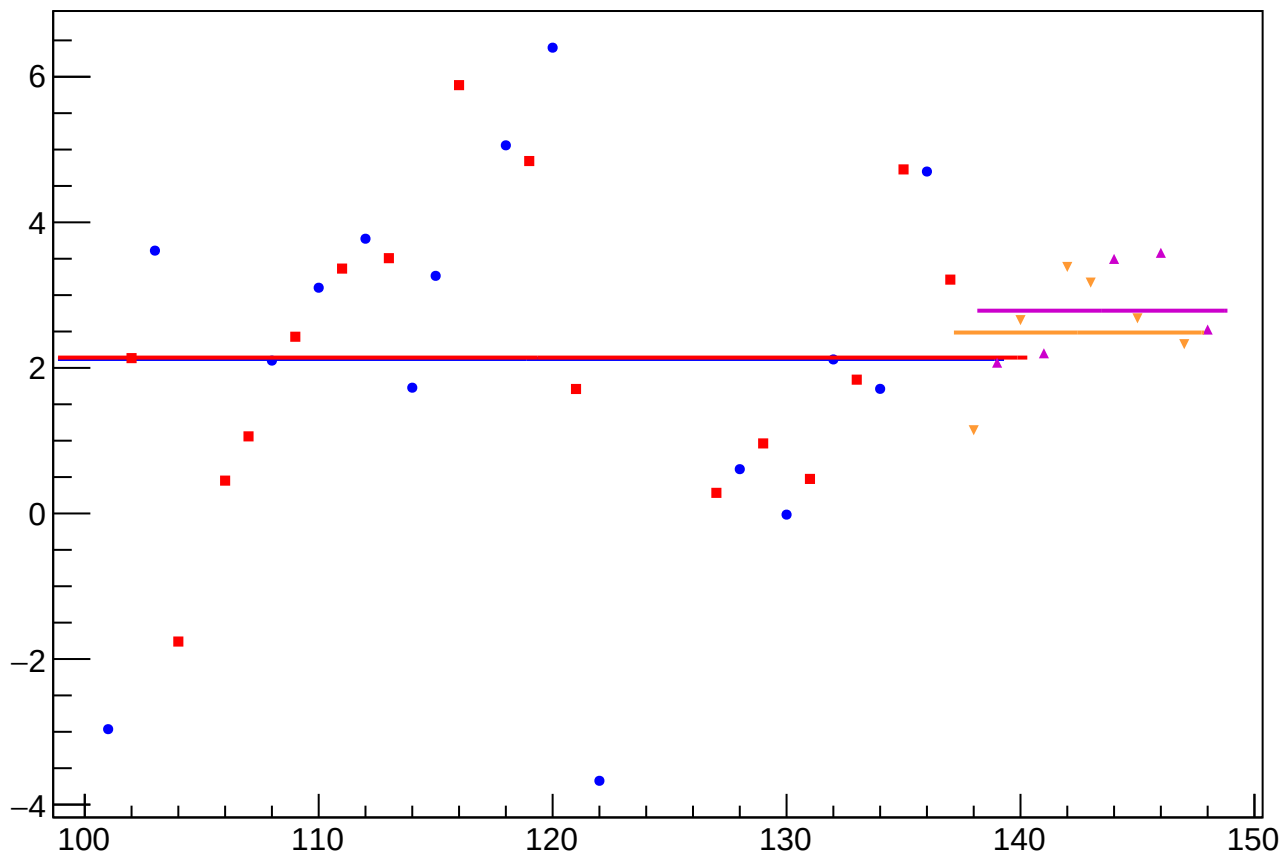
Right In: 116.159+/-0.000	χ^2/NDF : 1198526427485199785396504127288115200.0/14	+ sign 136.986+/-0.000	χ^2/NDF : 321370297181927
Left Out: 168.274+/-0.000	χ^2/NDF : 1310774752530049797448329740001738752.0/5	All: 133.498+/-0.000	χ^2/NDF : 632311817582
Right Out: 104.501+/-0.000	χ^2/NDF : 1285986383644058507445602420764180480.0/15	- sign 130.036+/-0.000	χ^2/NDF : 308321018778753
Left In: 170.395+/-0.000	χ^2/NDF : 674912992398263992429453042671157248.0/4		

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: 1173.900+/-0.000 χ^2/NDF : 6675446999220672067512348047168241664.0/4

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

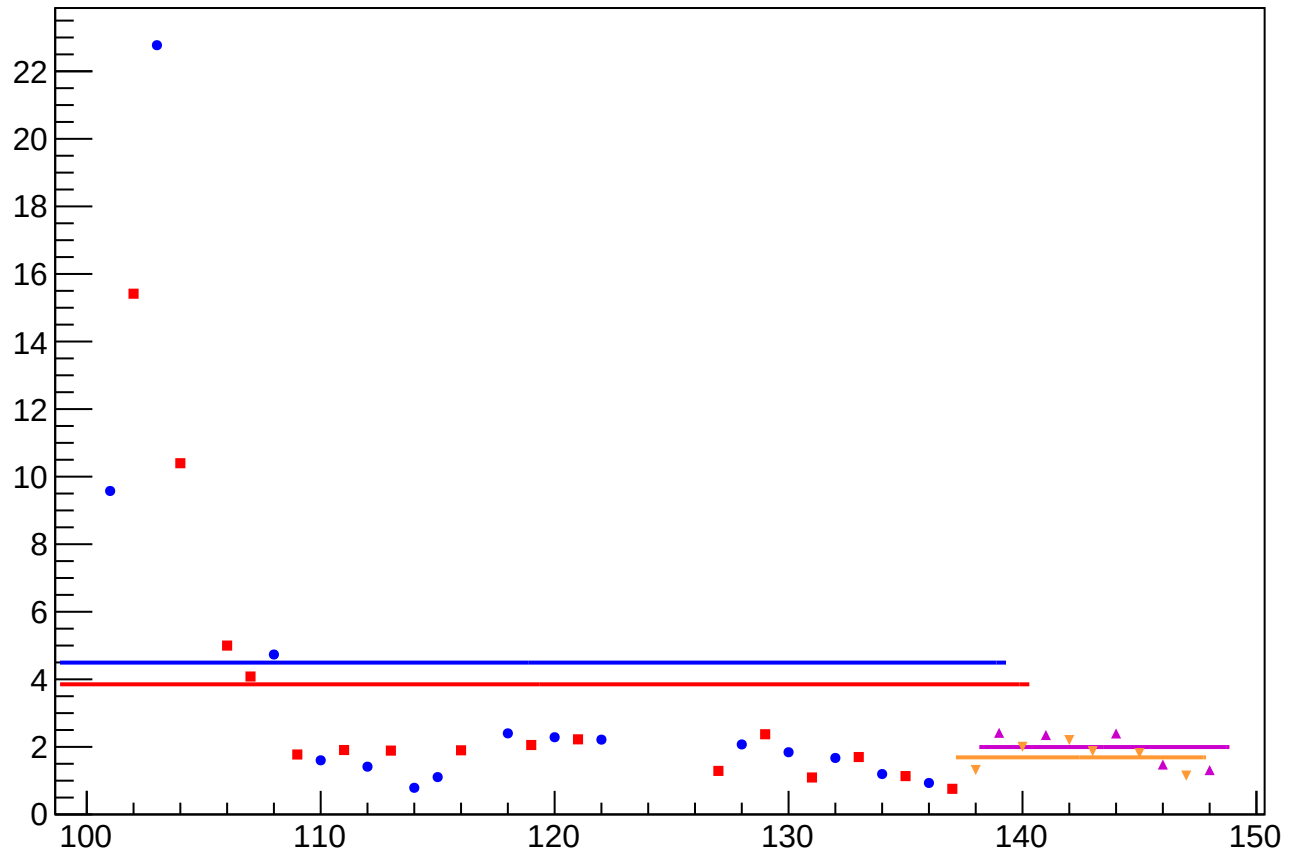
Left In: 2.786+/-0.000 χ^2/NDF : 173602113735490701881616539582464.0/4

+ sign 2.268+/-0.000 χ^2/NDF : 55148625485652225

All: 2.330+/-0.000 χ^2/NDF : 8277019941438

- sign 2.391+/-0.000 χ^2/NDF : 27538816833971580

dit_4aX_coil6_err_mean vs Slug



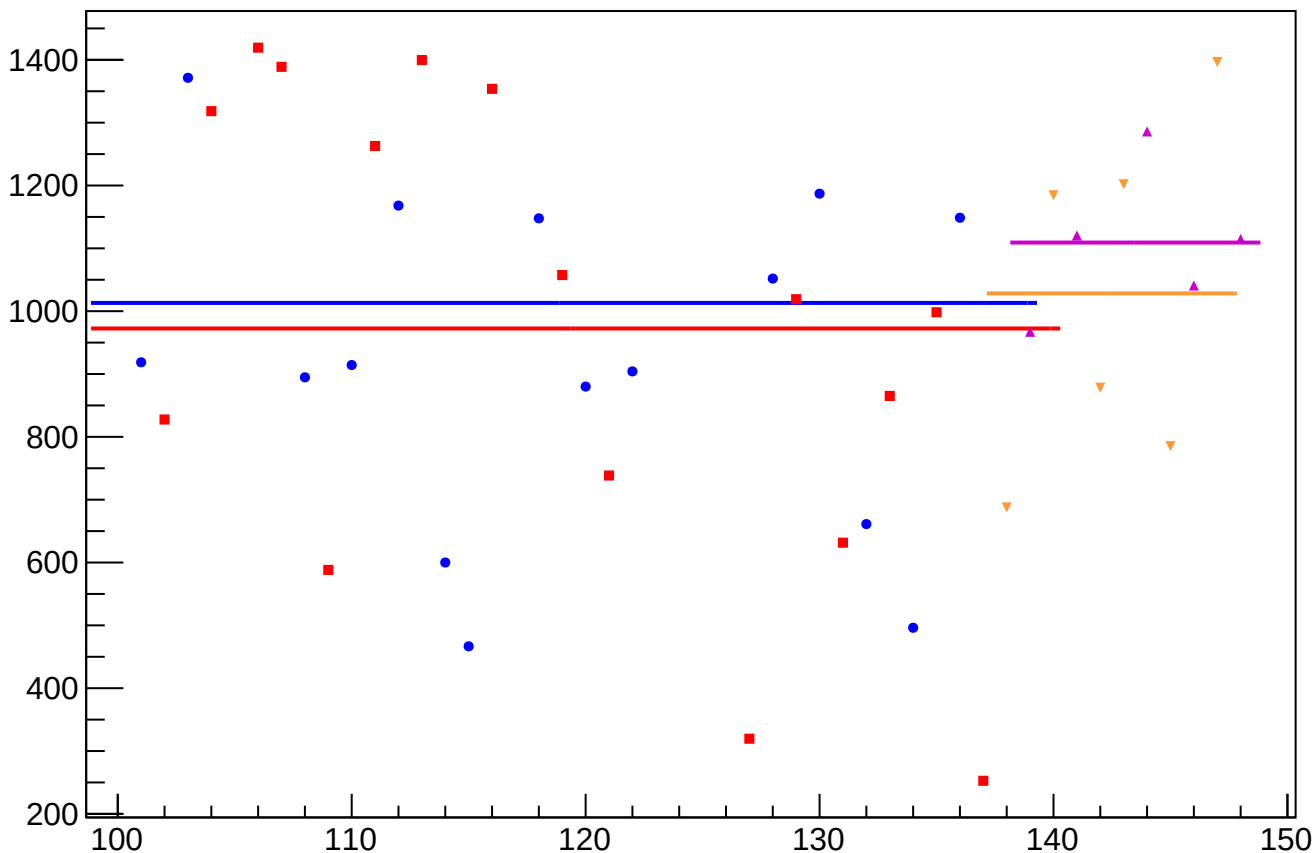
Right In: 4.495 $\pm$ 0.000 χ^2 /NDF: 25270242219816061532329198634401792.0/14

Left Out: 1.690 $\pm$ 0.000 χ^2 /NDF: 57222433112929012432819655278592.0/5

Right Out: 3.852 $\pm$ 0.000 χ^2 /NDF: 12314971476556806550518847638601728.0/15

Left In: 1.996 $\pm$ 0.000 χ^2 /NDF: 100948449764435272947588294246400.0/4

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

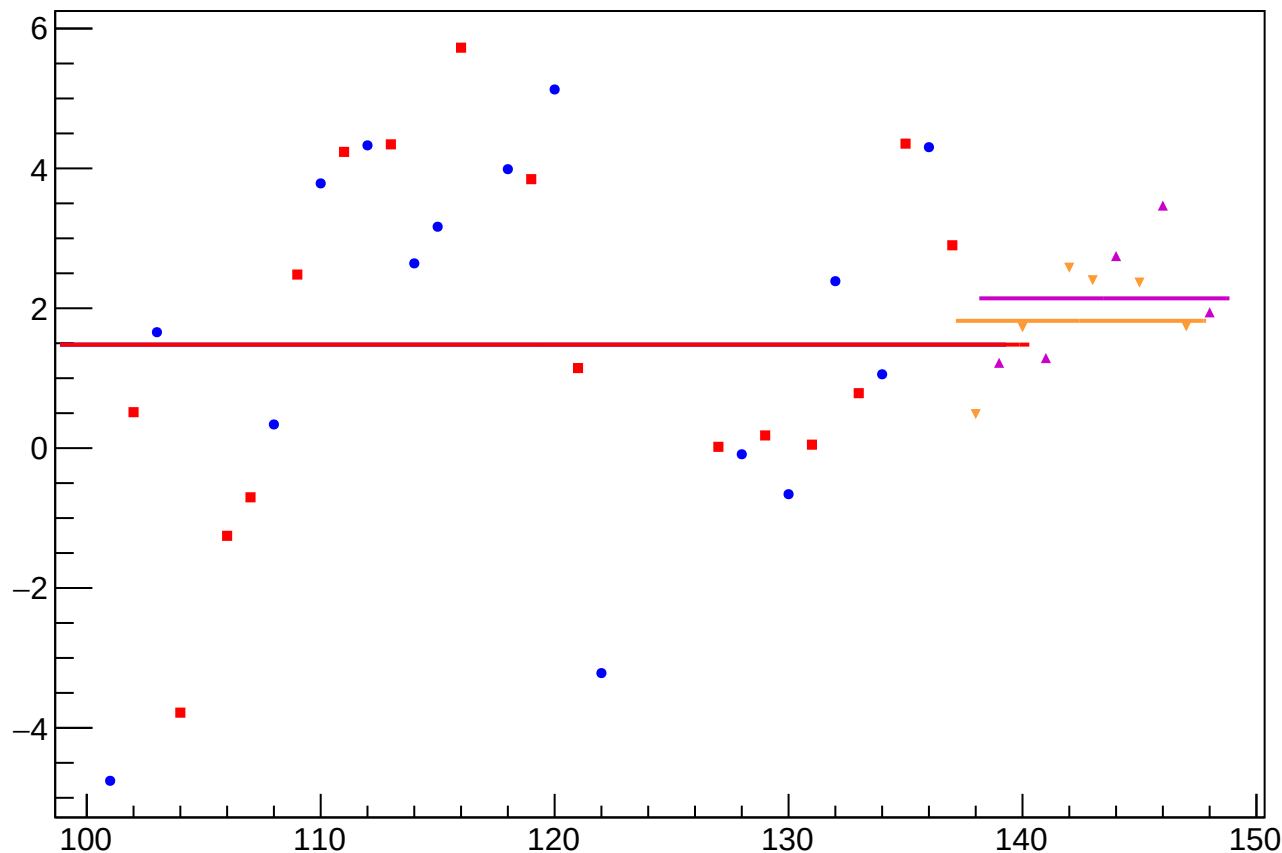
Left In: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

+ sign 1019.203 $\pm$ 0.000 χ^2 /NDF: 61246811028389

All: 1022.343 $\pm$ 0.000 χ^2 /NDF: 14980460463

- sign 1025.460 $\pm$ 0.000 χ^2 /NDF: 88536551817799

dit_4eX_coil6_mean vs Slug



Right In: 1.480+/-0.000 χ^2/NDF : 5799670695902784459055767987683328.0/14

Left Out: 1.821+/-0.000 χ^2/NDF : 213278527427417478640606042390528.0/5

Right Out: 1.480+/-0.000 χ^2/NDF : 4092645800613765572662987820367872.0/15

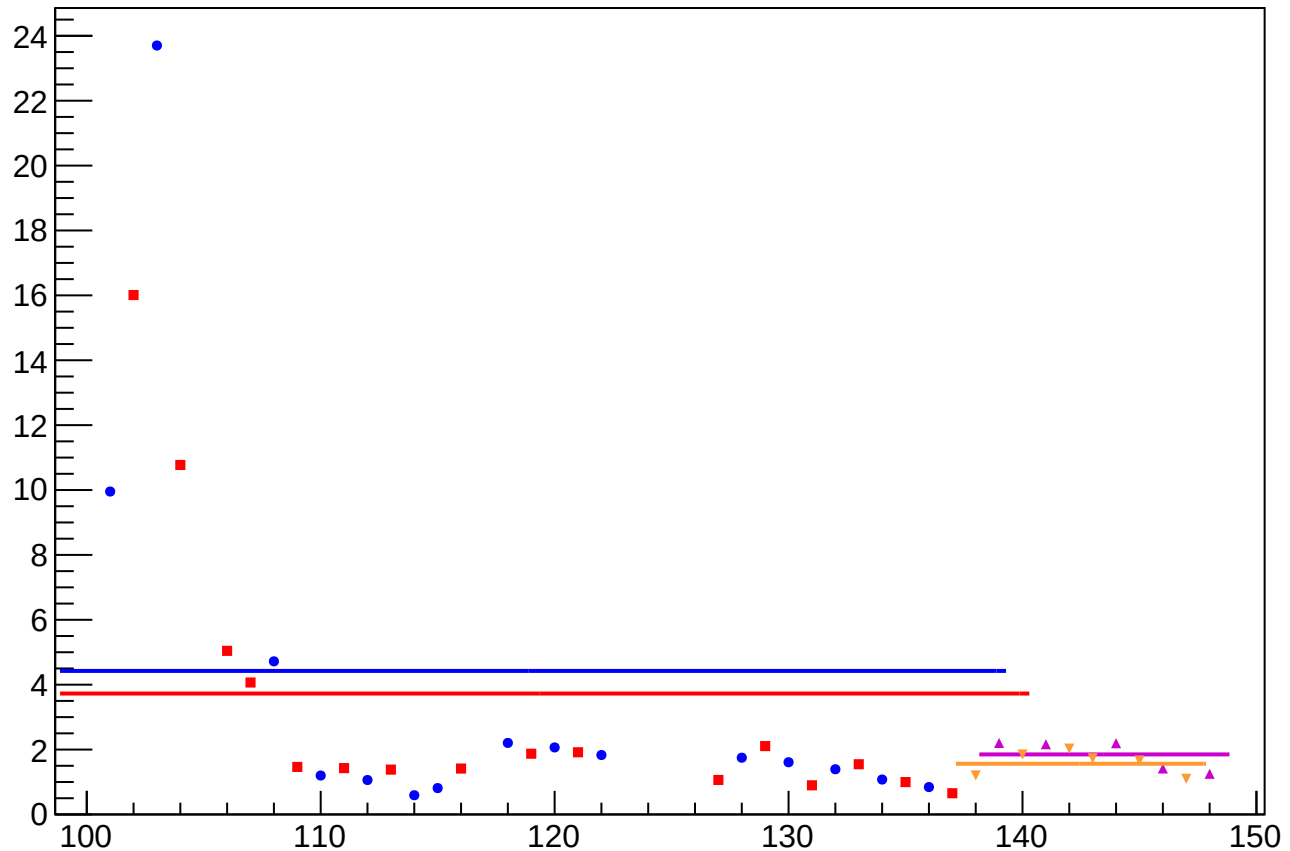
Left In: 2.142+/-0.000 χ^2/NDF : 312625904968869021403806521360384.0/4

+ sign 1.616+/-0.000 χ^2/NDF : 60430641075509294

All: 1.677+/-0.000 χ^2/NDF : 10569332141378

- sign 1.737+/-0.000 χ^2/NDF : 45183977416249445

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

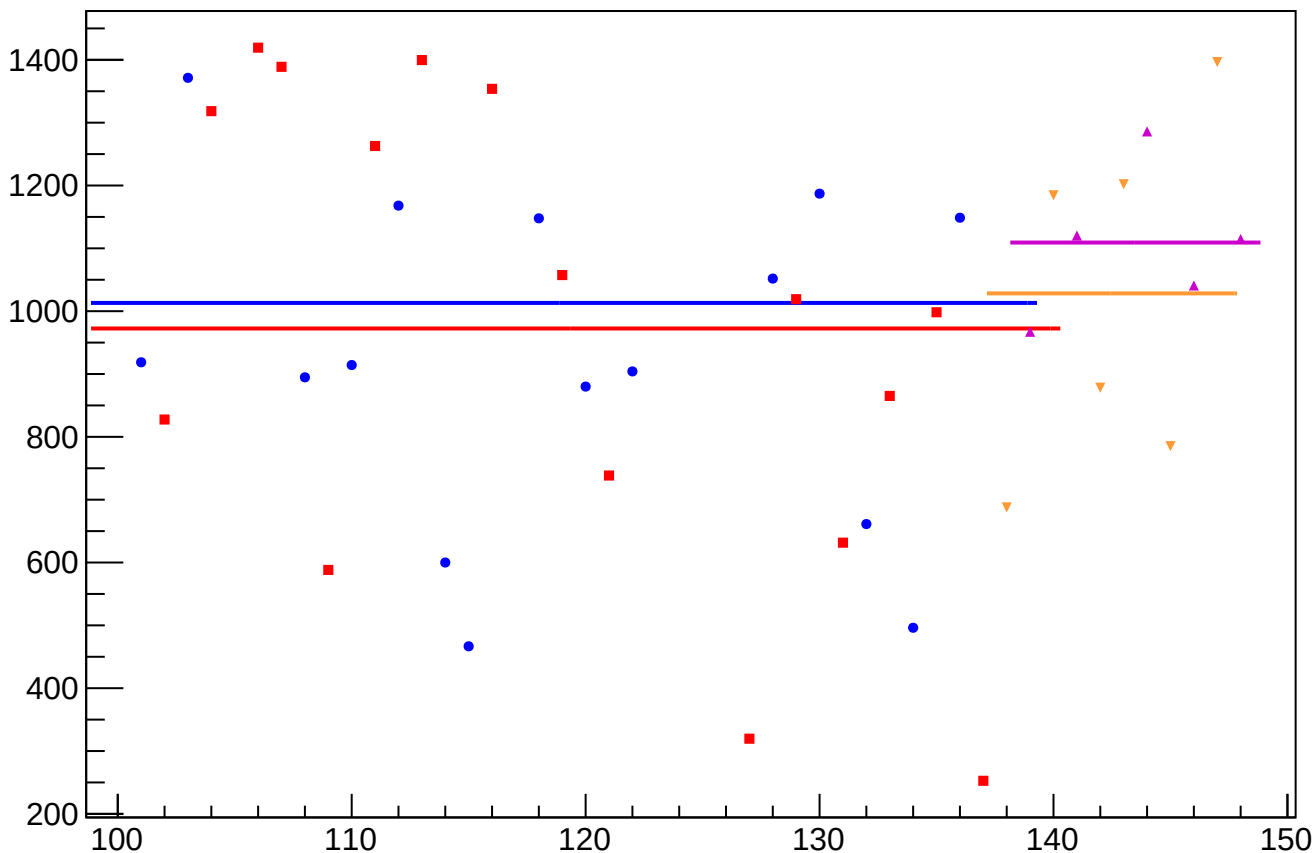
Left In: 1.851+/-0.000 χ^2/NDF : 74649671493120925967753955770368.0/4

+ sign 3.281+/-0.000 χ^2/NDF : 30427729966327652

All: 3.140+/-0.000 χ^2/NDF : 4544712466885

- sign 3.000+/-0.000 χ^2/NDF : 14976576426987798

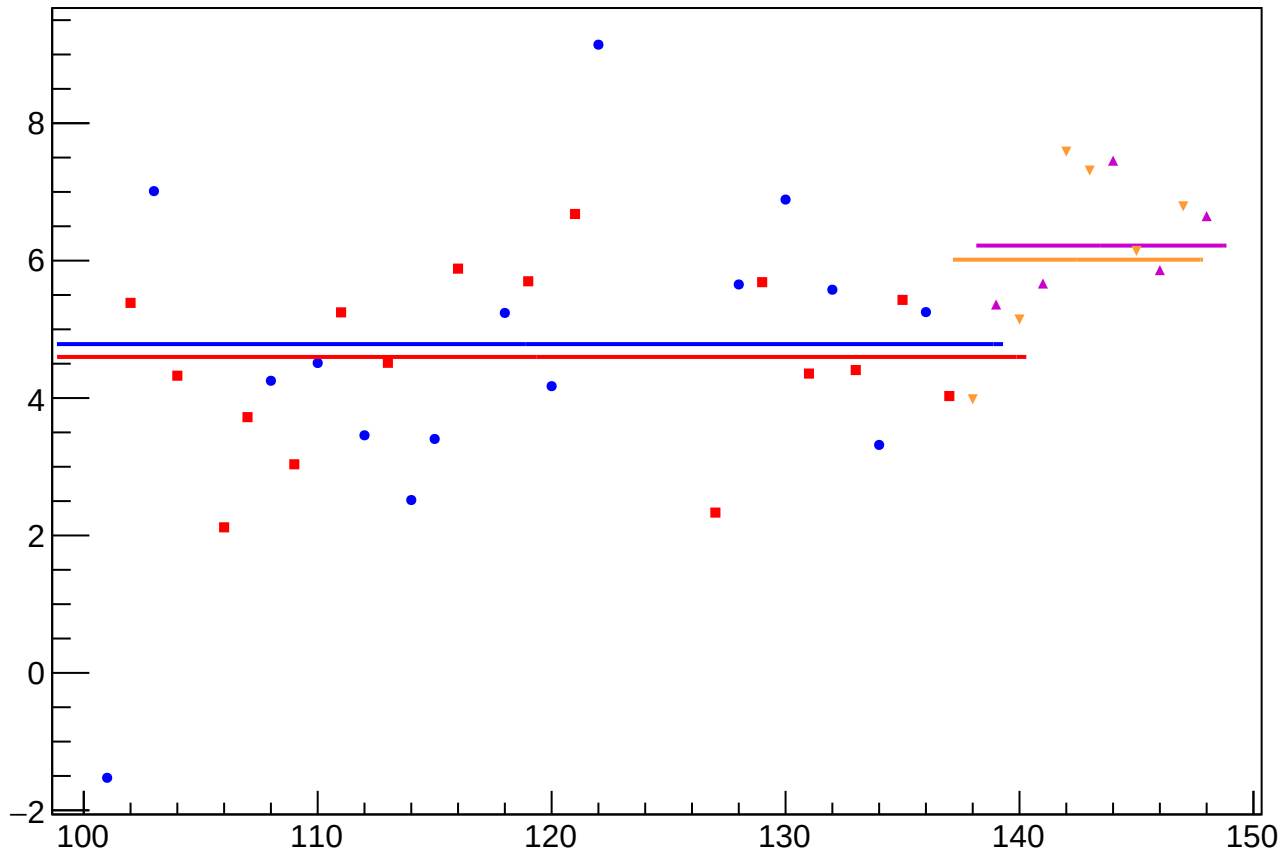
dit_4eX_coil6_Ndata_mean vs Slug



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: 1109.223+/-0.000	χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389
 All: 1022.343+/-0.000 χ^2/NDF : 14980460463
 - sign 1025.460+/-0.000 χ^2/NDF : 88536551817799

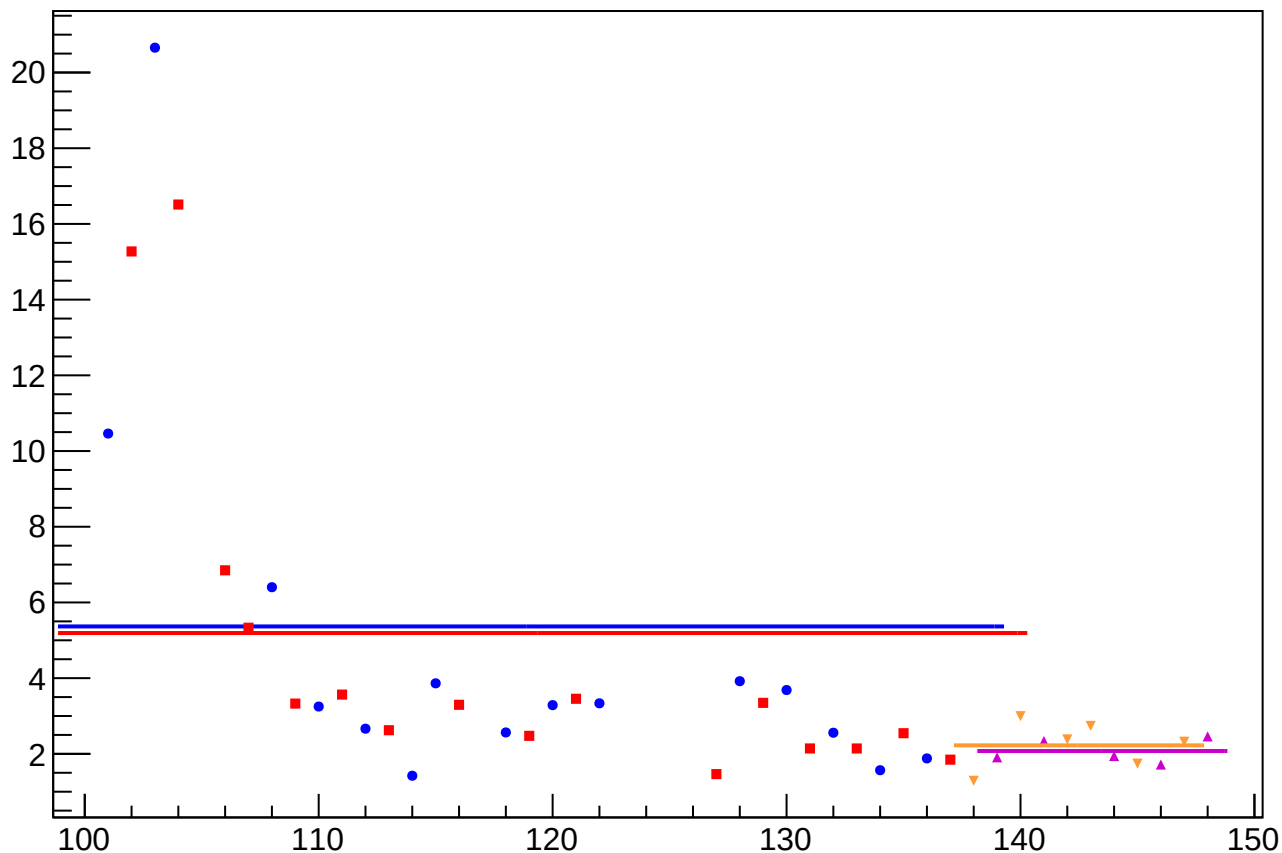
dit_11X12X_coil6_mean vs Slug



Right In: 4.785 $\pm$ 0.000 χ^2 /NDF: 3996556073154779711808159470321664.0/14
 Left Out: 6.014 $\pm$ 0.000 χ^2 /NDF: 658879140486778840190932083539968.0/5
 Right Out: 4.598 $\pm$ 0.000 χ^2 /NDF: 989607156792948633247632779640832.0/15
 Left In: 6.219 $\pm$ 0.000 χ^2 /NDF: 247364436629758693035985340465152.0/4

All: 5.251 $\pm$ 0.000 χ^2 /NDF: 69644685418046
 + sign 5.276 $\pm$ 0.000 χ^2 /NDF: 50472869285551810
 - sign 5.226 $\pm$ 0.000 χ^2 /NDF: 19158268283393520

dit_11X12X_coil6_err_mean vs Slug



Right In: 5.366 $\pm$ 0.000 χ^2/NDF : 18780724722063497096153009301225472.0/14

Left Out: 2.225 $\pm$ 0.000 χ^2/NDF : 155582797766413171052125121150976.0/5

Right Out: 5.192 $\pm$ 0.000 χ^2/NDF : 15749573754945345754432436952891392.0/15

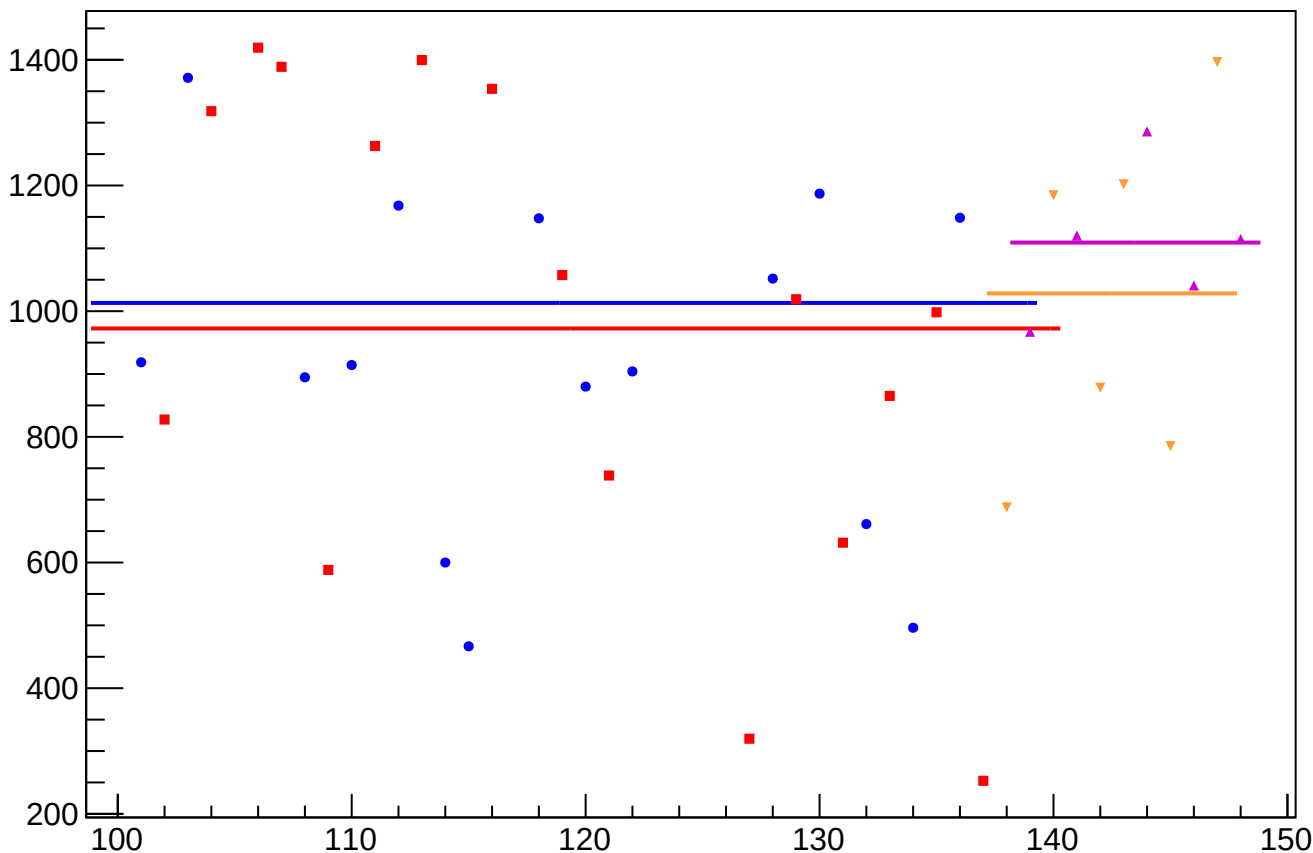
Left In: 2.075 $\pm$ 0.000 χ^2/NDF : 32843728381063112766684200435712.0/4

+ sign 4.111 $\pm$ 0.000 χ^2/NDF : 21495580634440995

All: 4.047 $\pm$ 0.000 χ^2/NDF : 39797845808546

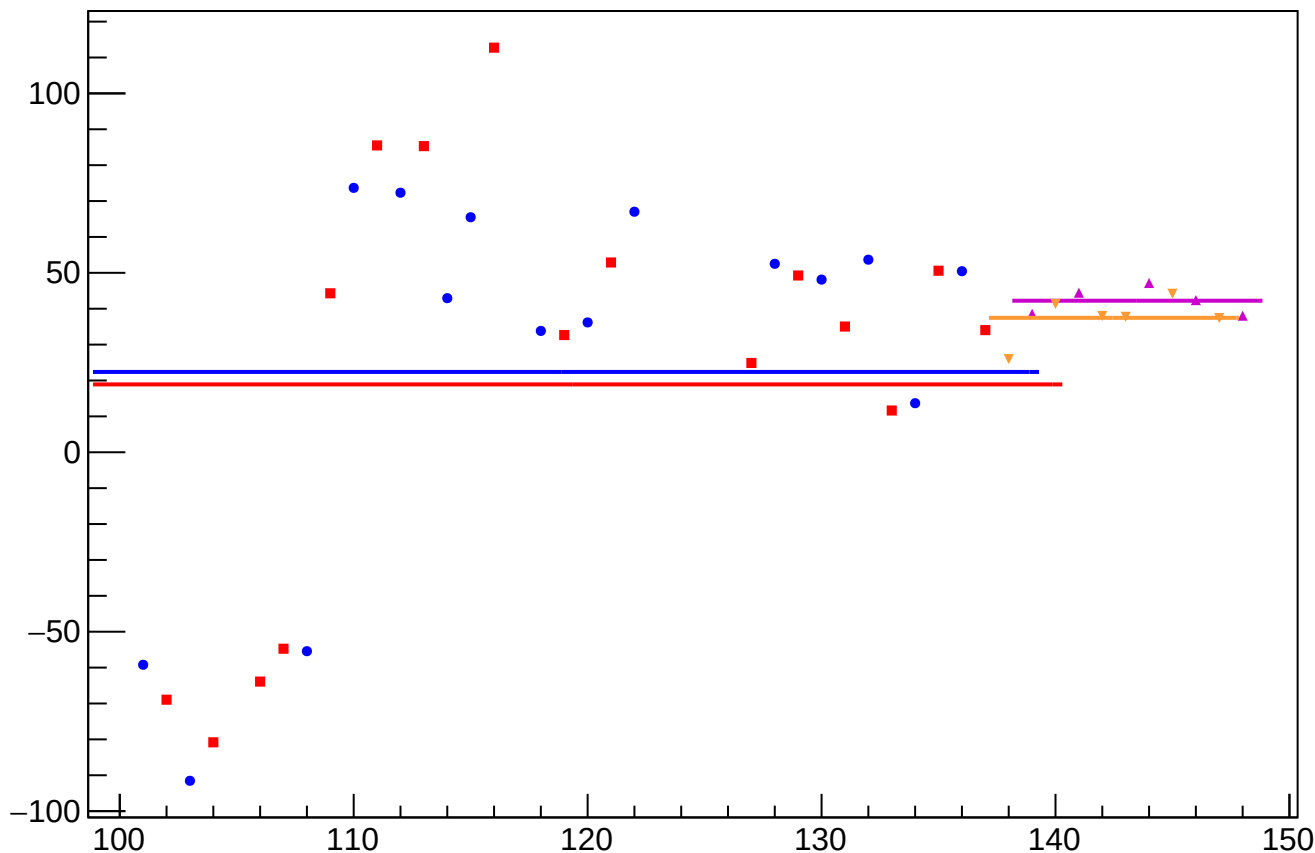
- sign 3.984 $\pm$ 0.000 χ^2/NDF : 18293597049891452

dit_11X12X_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: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

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

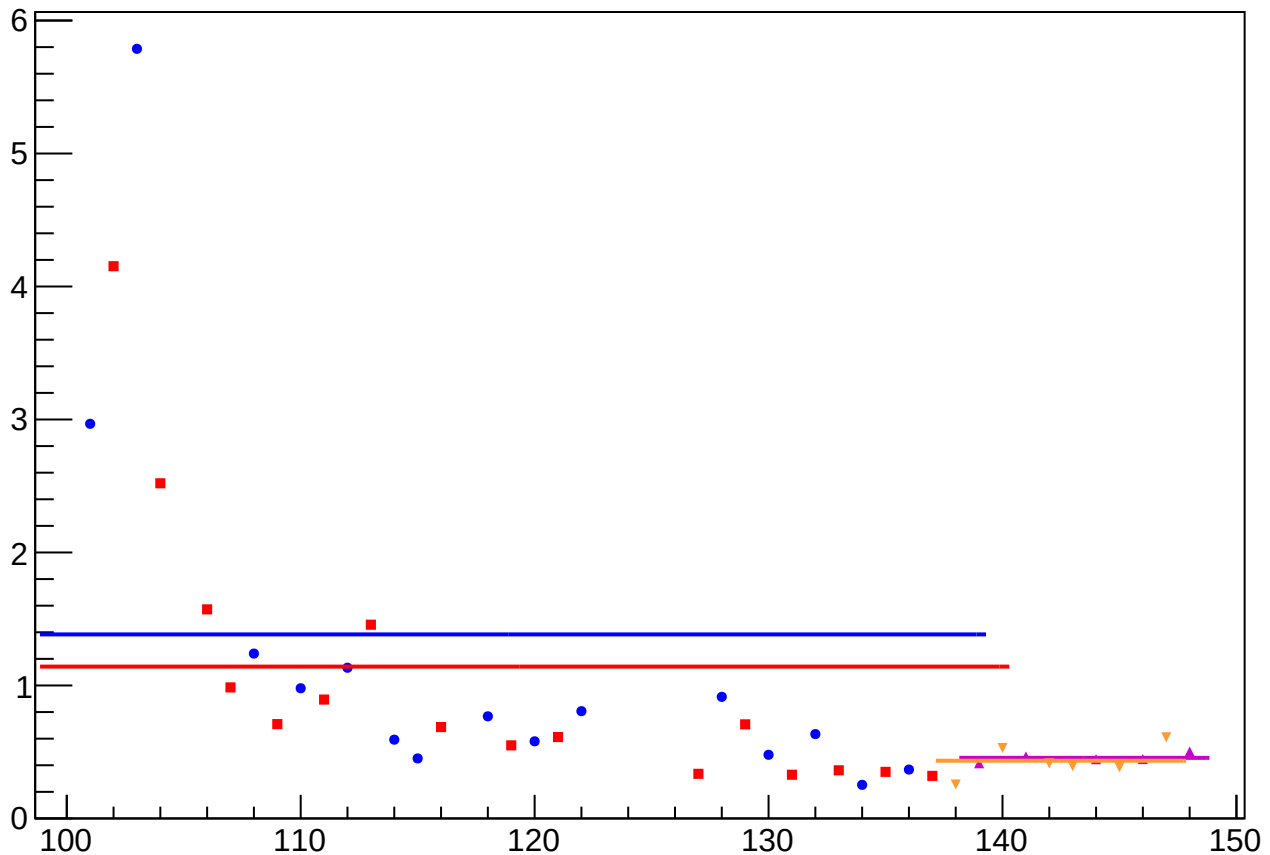
Left In: 42.229+/-0.000 χ^2/NDF : 5140547403866050078524960258654208.0/4

+ sign 28.410+/-0.000 χ^2/NDF : 1996424268082889

All: 28.176+/-0.000 χ^2/NDF : 4324483312351

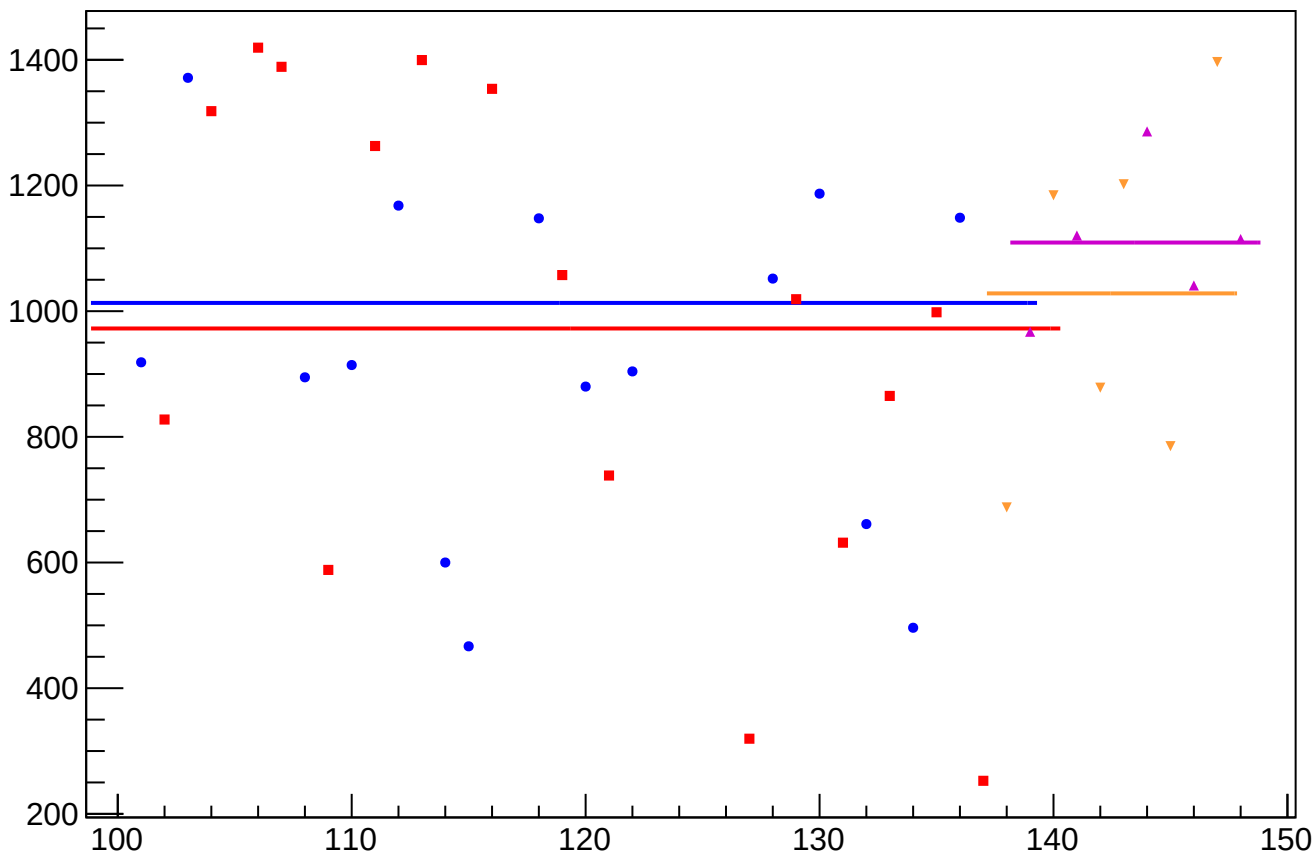
- sign 27.944+/-0.000 χ^2/NDF : 2327941634821919

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: 0.456 ± 0.000 χ^2/NDF : 348039152556039821379252518912.0/4

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

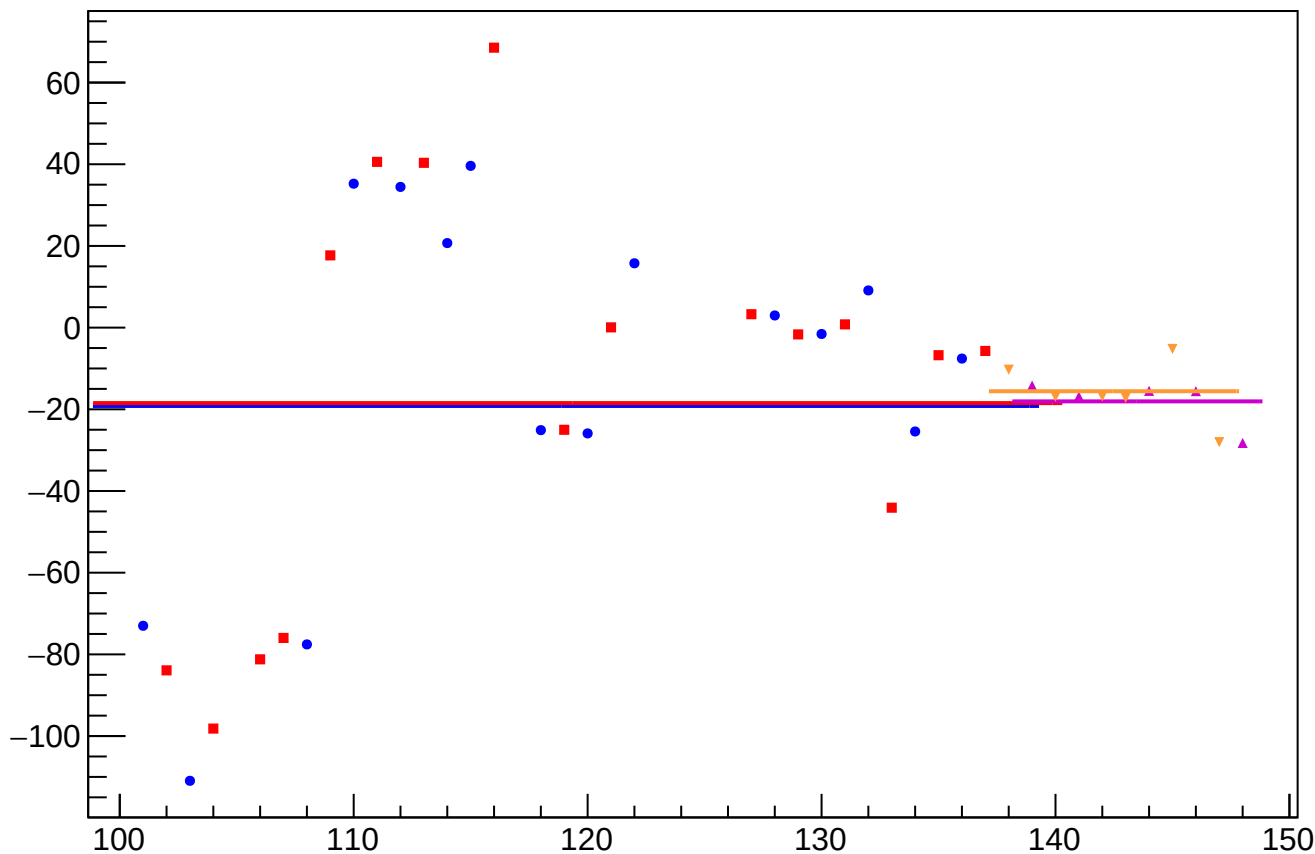
Left In: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

+ sign 1019.203 $\pm$ 0.000 χ^2 /NDF: 61246811028389

All: 1022.343 $\pm$ 0.000 χ^2 /NDF: 14980460463

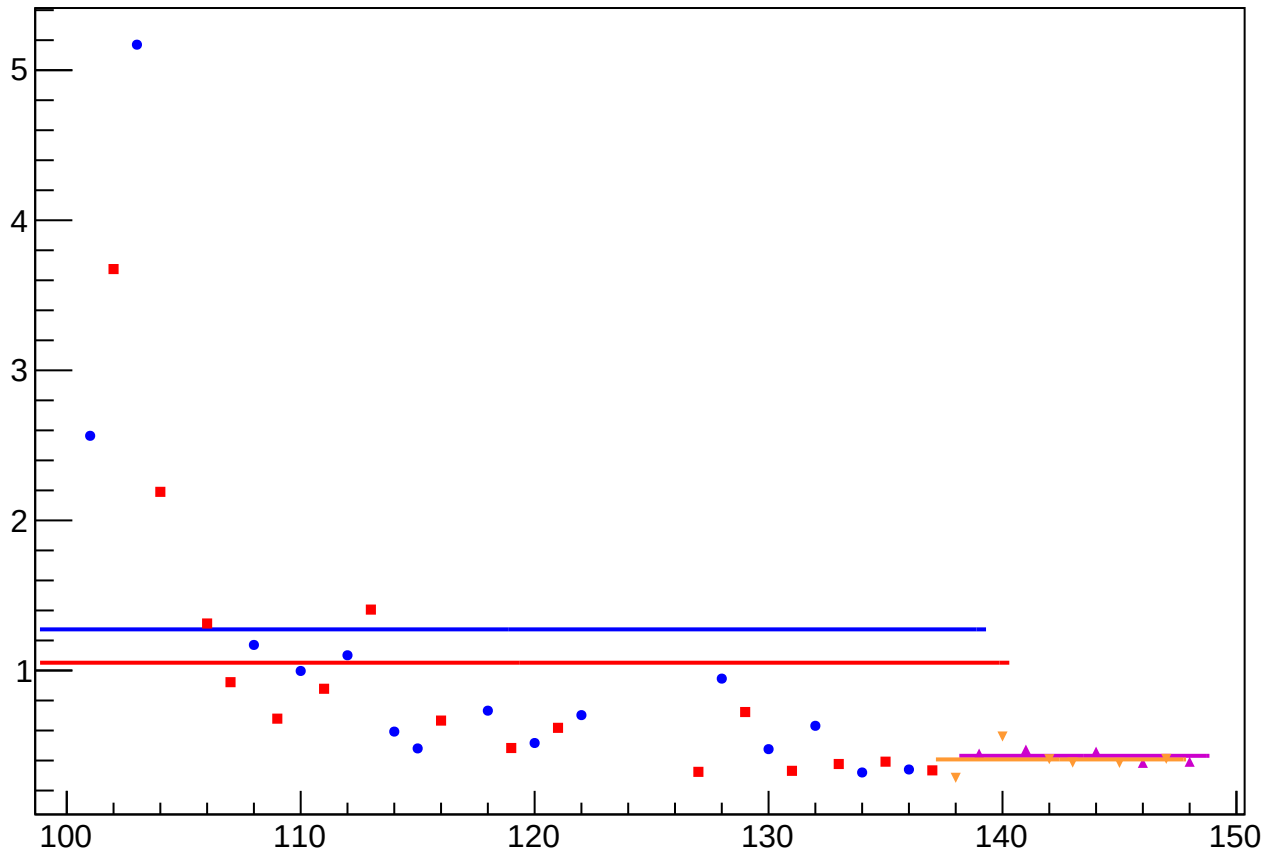
- sign 1025.460 $\pm$ 0.000 χ^2 /NDF: 88536551817799

dit_4eY_coil6_mean vs Slug



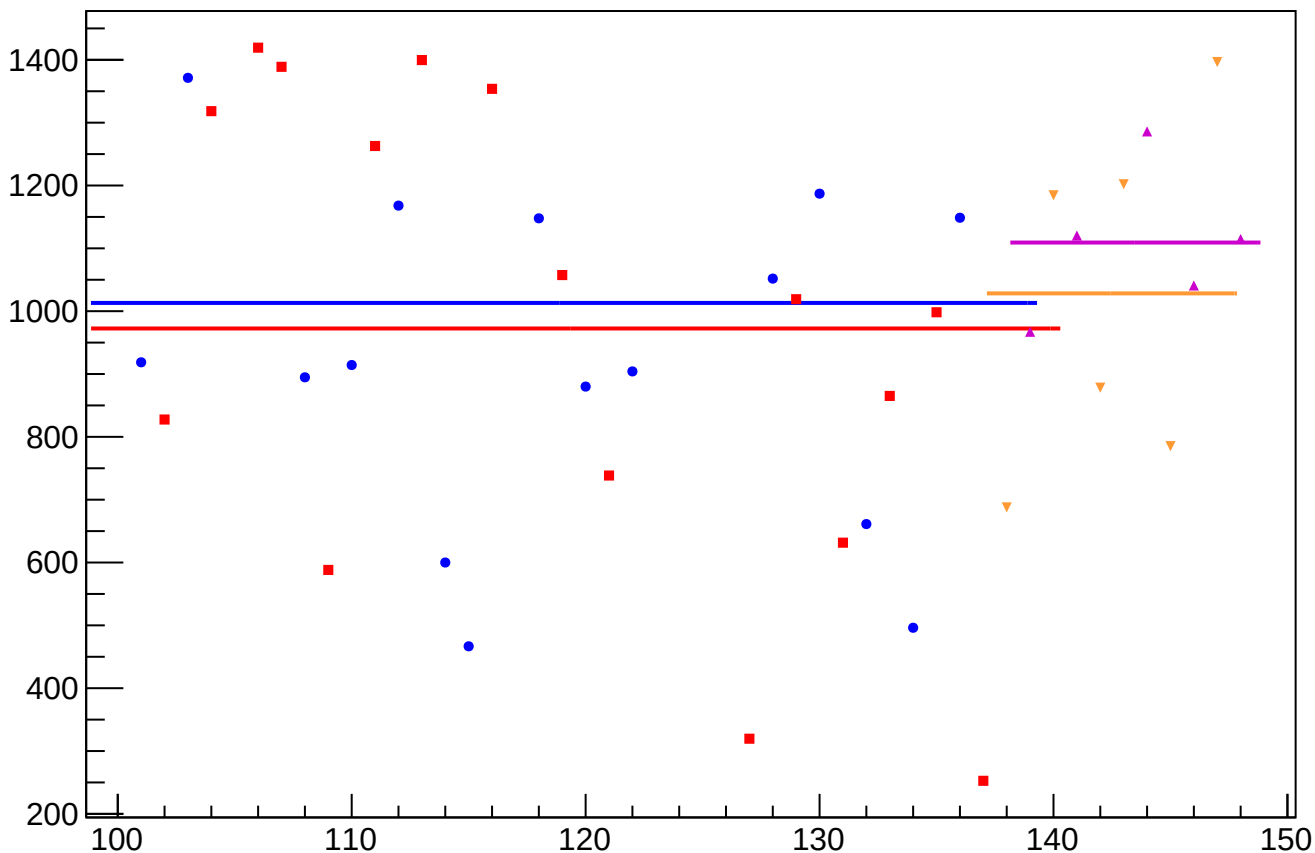
Right In: -19.175 ± 0.000 χ^2/NDF : 1246364705689764961102868160463241216.0/14
 Left Out: -15.575 ± 0.000 χ^2/NDF : 23370359925987605964308039438696448.0/5
 Right Out: -18.479 ± 0.000 χ^2/NDF : 1489398115046175180640331393369374720.0/15
 Left In: -18.060 ± 0.000 χ^2/NDF : 11135885628230991637317974719725568.0/4

dit_4eY_coil6_err_mean vs Slug



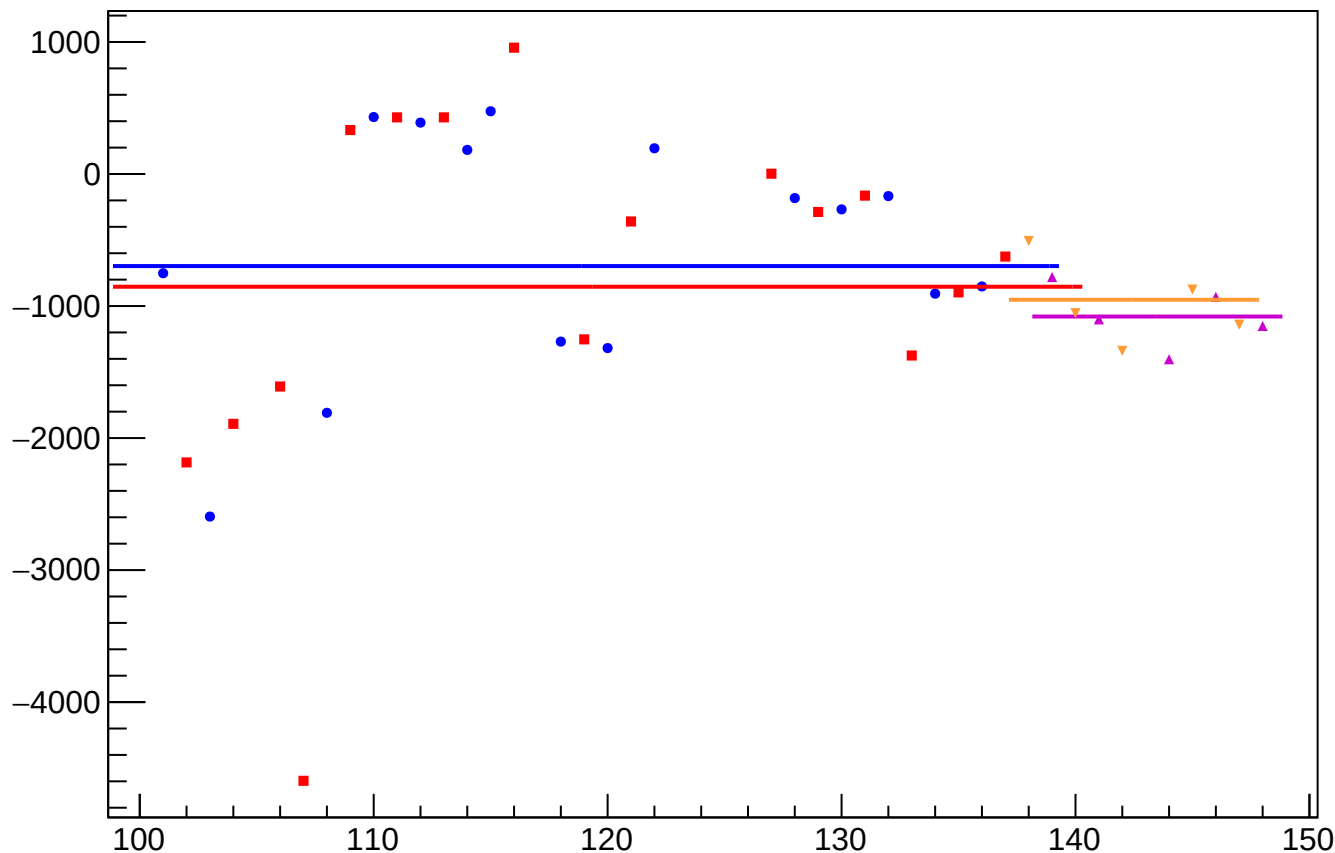
Right In: 1.274 ± 0.000 χ^2/NDF : 1212041476631073599154045304438784.0/14
 Left Out: 0.407 ± 0.000 χ^2/NDF : 3155048991196968153307037040640.0/5
 Right Out: 1.052 ± 0.000 χ^2/NDF : 607316121057753919194559126962176.0/15
 Left In: 0.431 ± 0.000 χ^2/NDF : 545661640955646510532361453568.0/4

dit_4eY_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: 1109.223 $\pm$ 0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

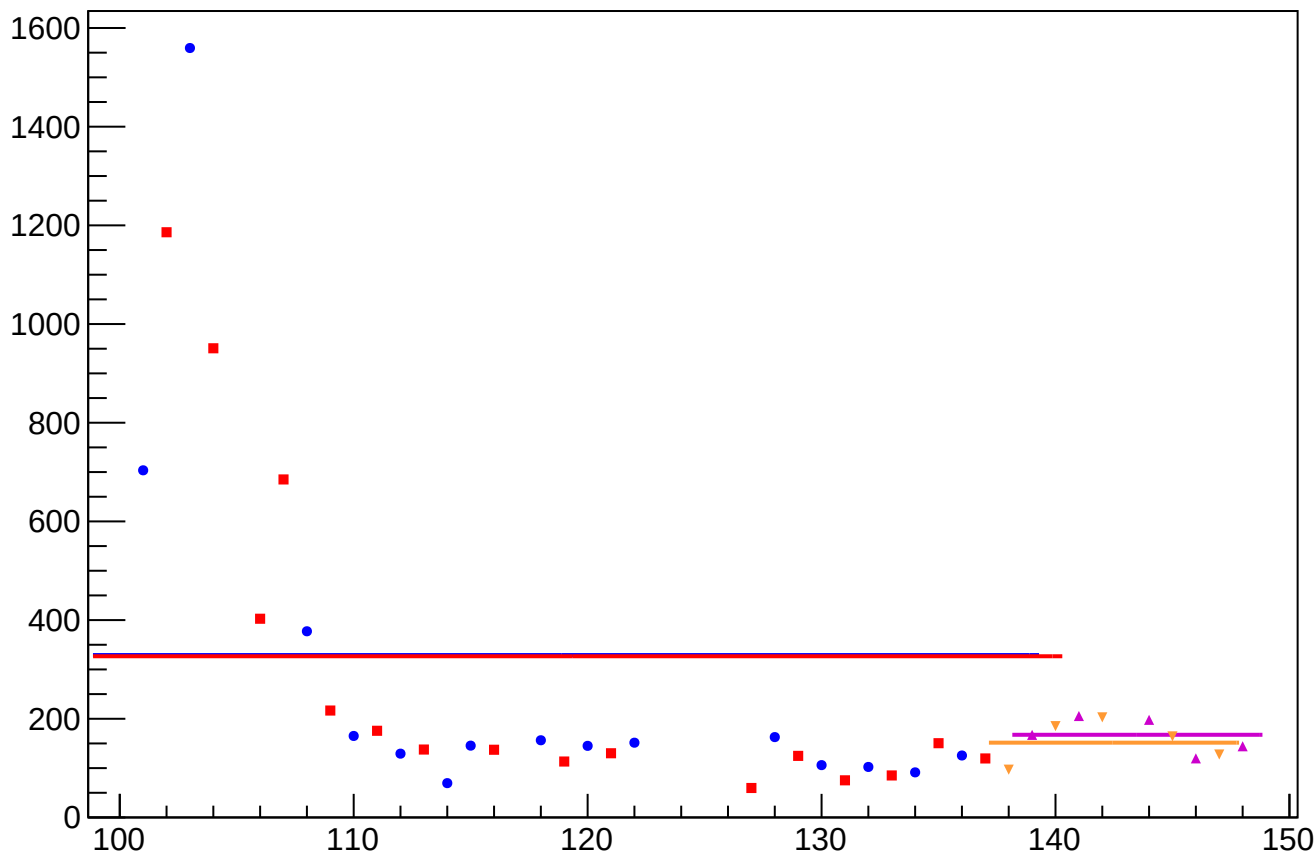
dit_usl_coil6_mean vs Slug



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: -1079.441+/-0.000	χ^2/NDF : 18867653240206571780013576160205078528.0/4

+ sign -789.091+/-0.000 χ^2/NDF : 53206718099208
 All: -867.857+/-0.000 χ^2/NDF : 16546298321
 - sign -941.198+/-0.000 χ^2/NDF : 111041413991874

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

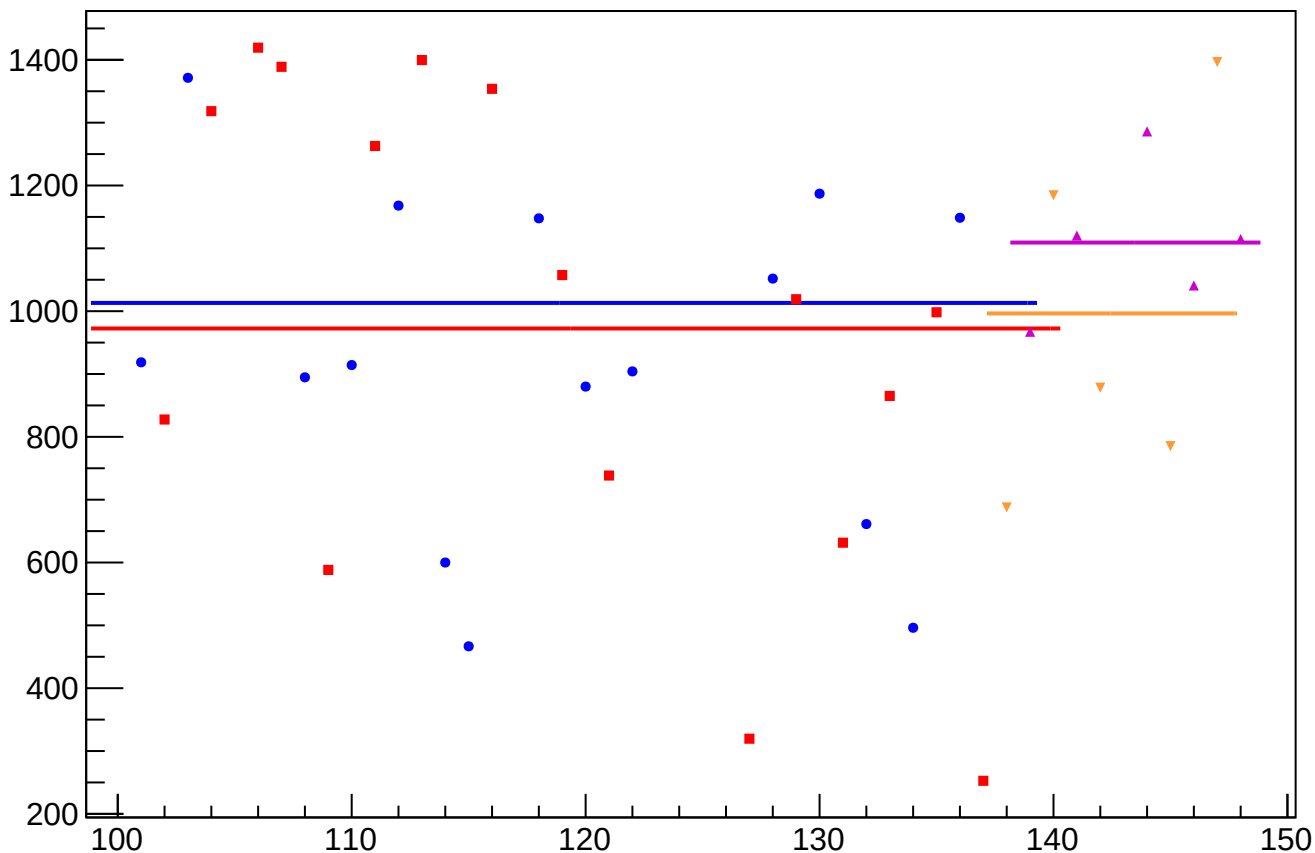
Left In: 167.547+/-0.000 χ^2/NDF : 439890488229266171851007921414471680.0/4

+ sign 265.204+/-0.000 χ^2/NDF : 124731063702044

All: 265.110+/-0.000 χ^2/NDF : 219286627873

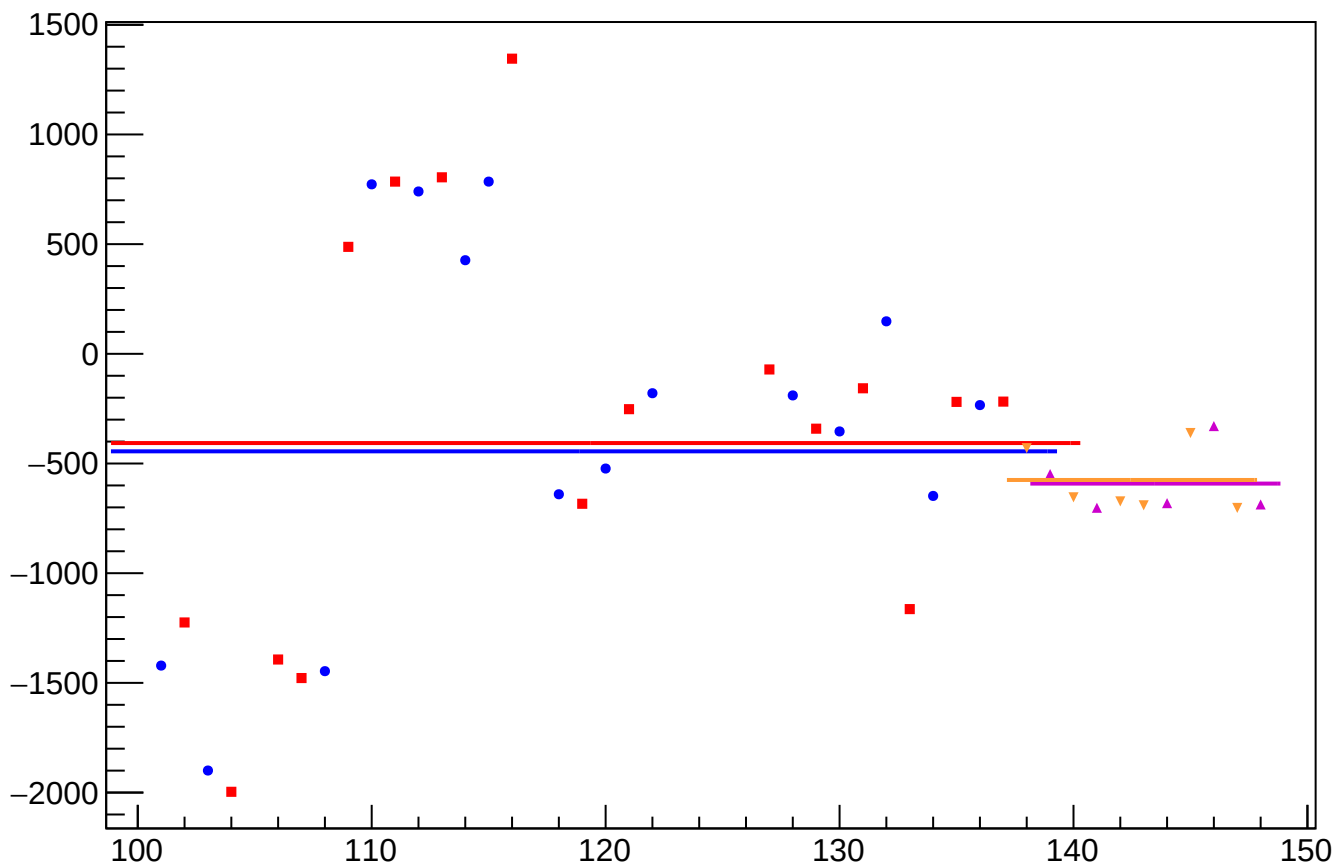
- sign 265.023+/-0.000 χ^2/NDF : 945555470030597

dit_usl_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1007.125+/-0.000	χ^2/NDF : 58860474474405
Left Out: 996.419+/-0.000	χ^2/NDF : 27073838430939024272843575344995762176.0/4	All: 1016.620+/-0.000	χ^2/NDF : 1475735403
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1025.460+/-0.000	χ^2/NDF : 88536551817799
Left In: 1109.223+/-0.000	χ^2/NDF : 4817993088270685914681345107212369920.0/4		

dit_usr_coil6_mean vs Slug



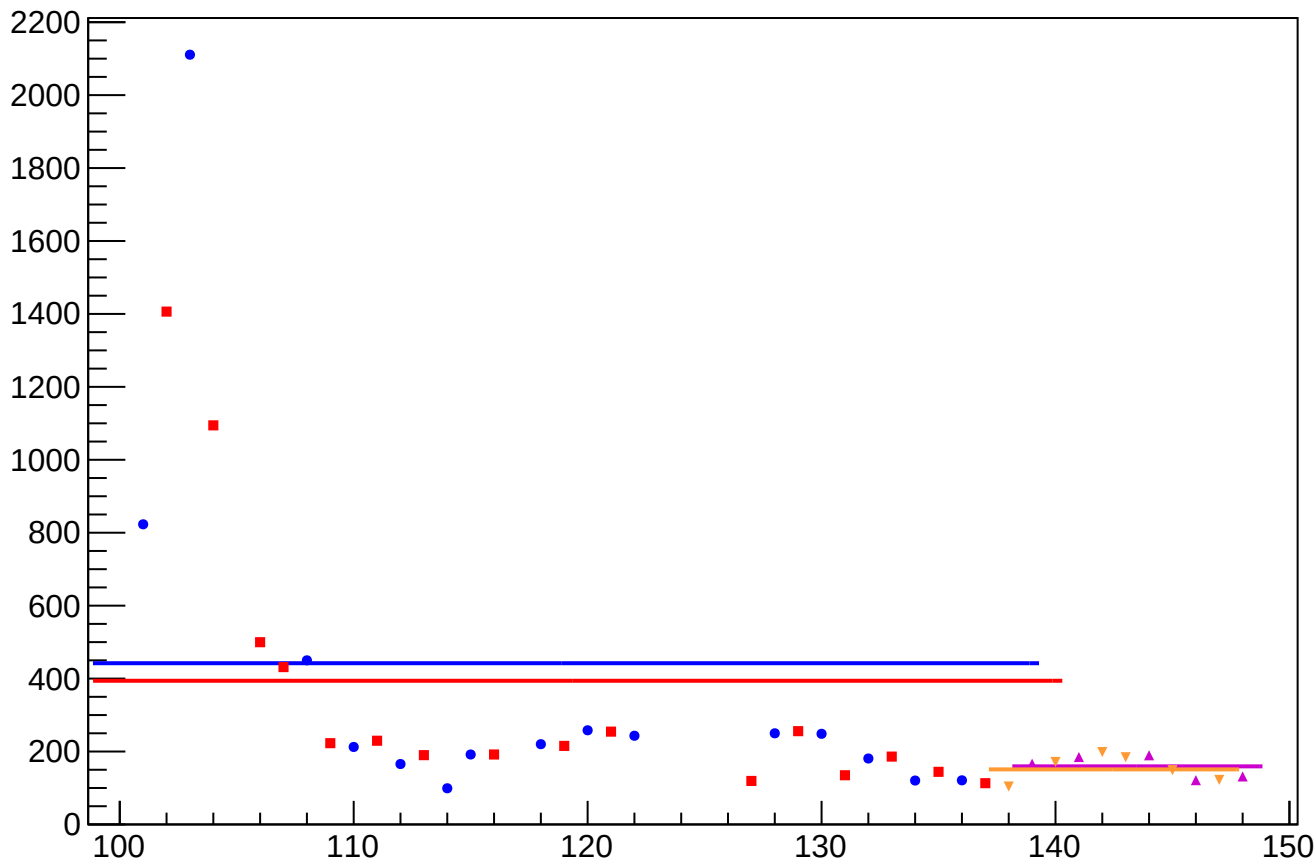
Right In: -444.512 ± 0.000 χ^2/NDF : 396481903501593703066535851229953654784.0/14

Left Out: -575.056 ± 0.000 χ^2/NDF : 8463983584800843767552325987858382848.0/5

Right Out: -406.729 ± 0.000 χ^2/NDF : 529122421866774810012941782239129108480.0/15

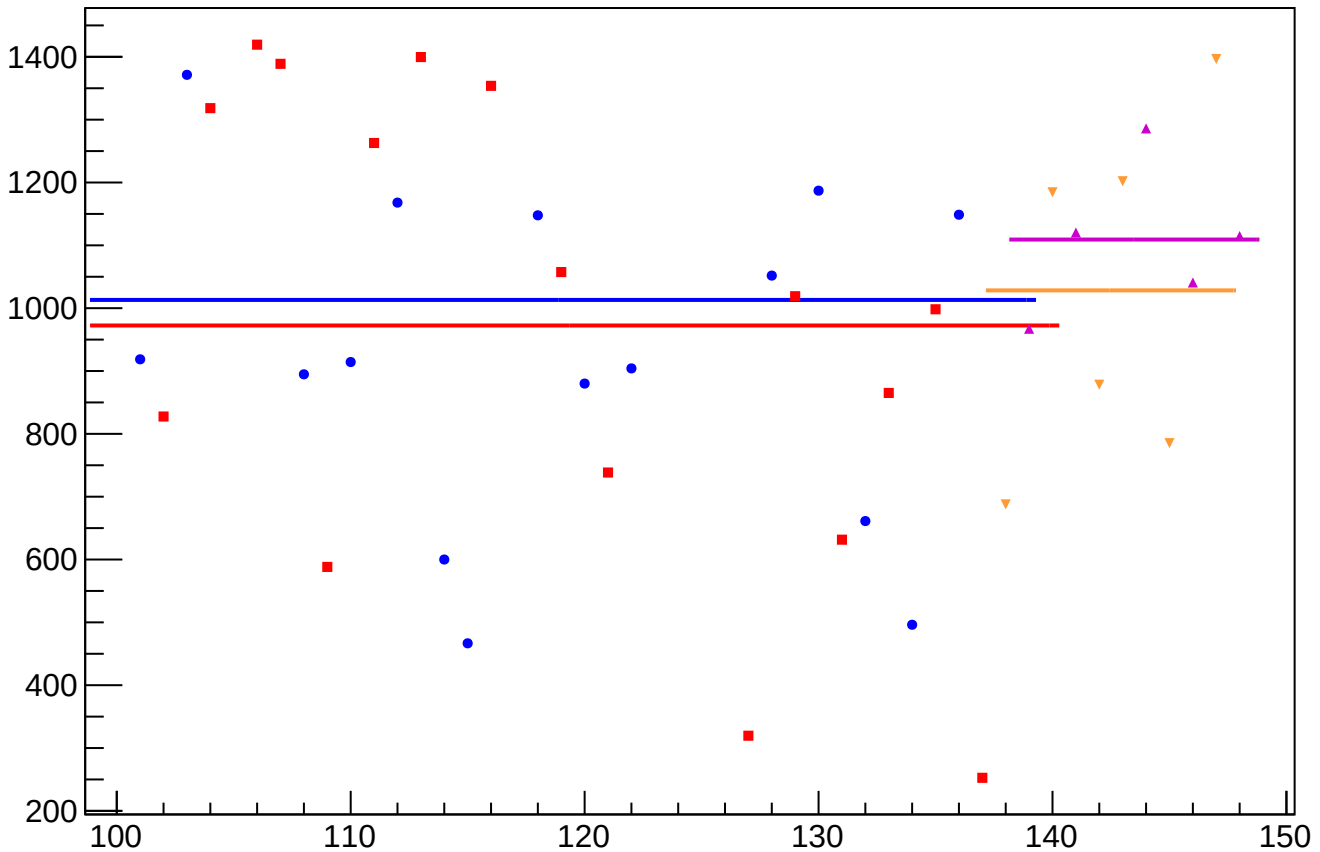
Left In: -591.521 ± 0.000 χ^2/NDF : 8355094289918311393766797827943432192.0/4

dit_usr_coil6_err_mean vs Slug



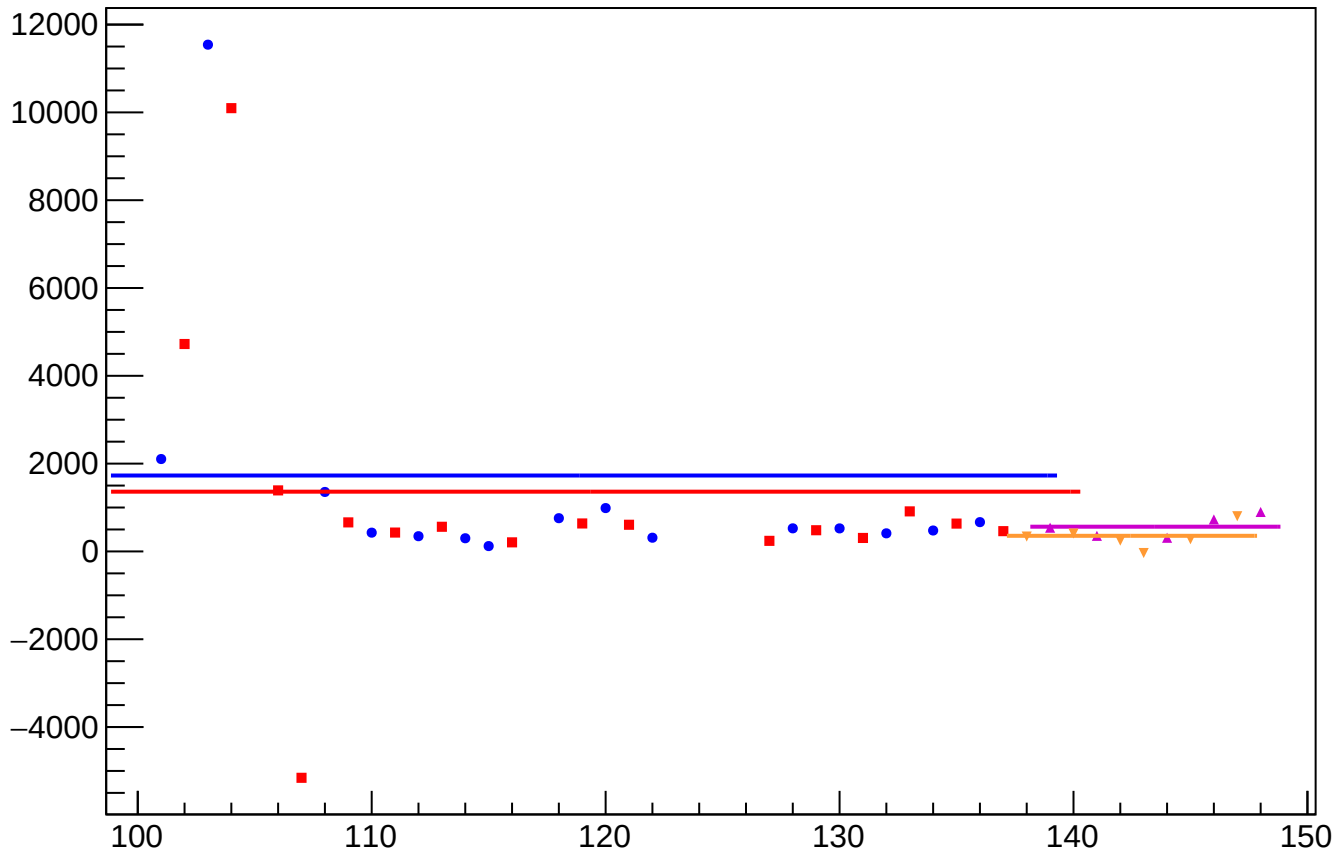
Right In: 442.162+/-0.000 χ^2/NDF : 204015999343694089140945697316947361792.0/14
 Left Out: 151.013+/-0.000 χ^2/NDF : 449789266902868699058182304995213312.0/5
 Right Out: 394.033+/-0.000 χ^2/NDF : 105882611624182009489804426207740035072.0/15
 Left In: 159.330+/-0.000 χ^2/NDF : 325517068563511289356933002451484672.0/4

dit_usr_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: 1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

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: 563.184+/-0.000 χ^2/NDF : 21115918282660682407883241760707575808.0/4

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

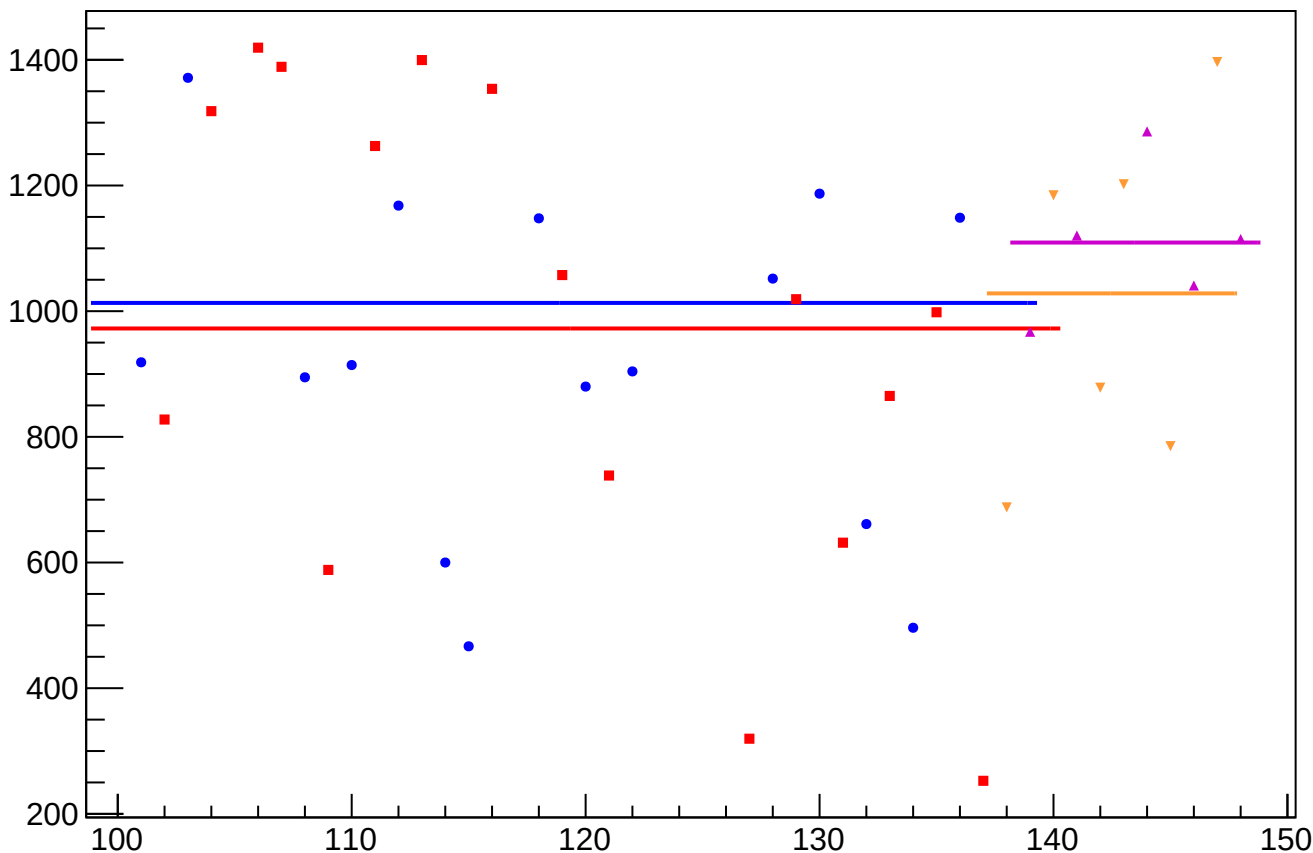
Left In: 159.724+/-0.000 χ^2/NDF : 451806825299997889140938207169347584.0/4

+ sign 429.143+/-0.000 χ^2/NDF : 850494053546930

All: 608.871+/-0.000 χ^2/NDF : 435929151062

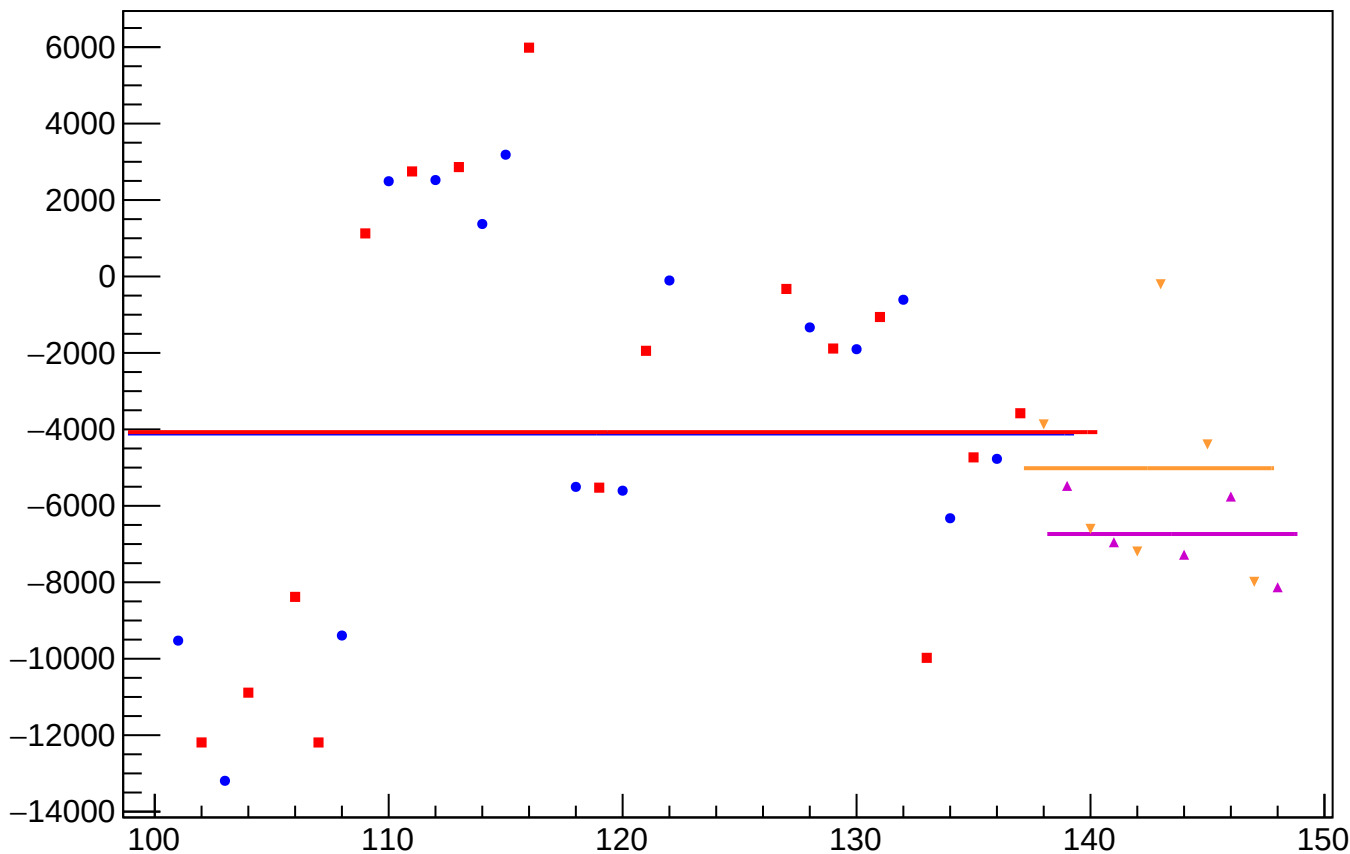
- sign 787.278+/-0.000 χ^2/NDF : 343921693285627

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: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

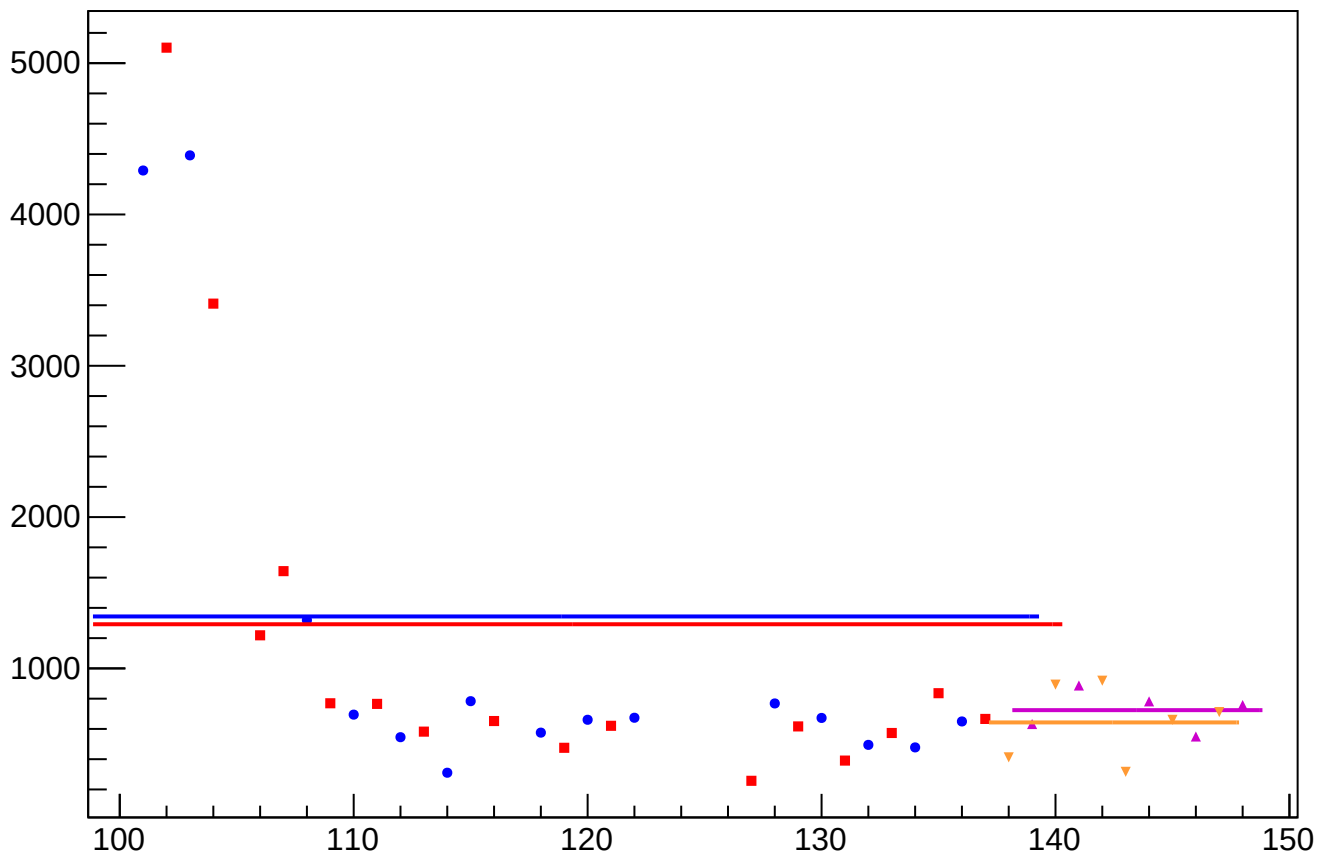
dit_atl2_coil6_mean vs Slug



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: -6737.101+/-0.000	χ^2/NDF : 401108426502671328955058186064643489792.0/4

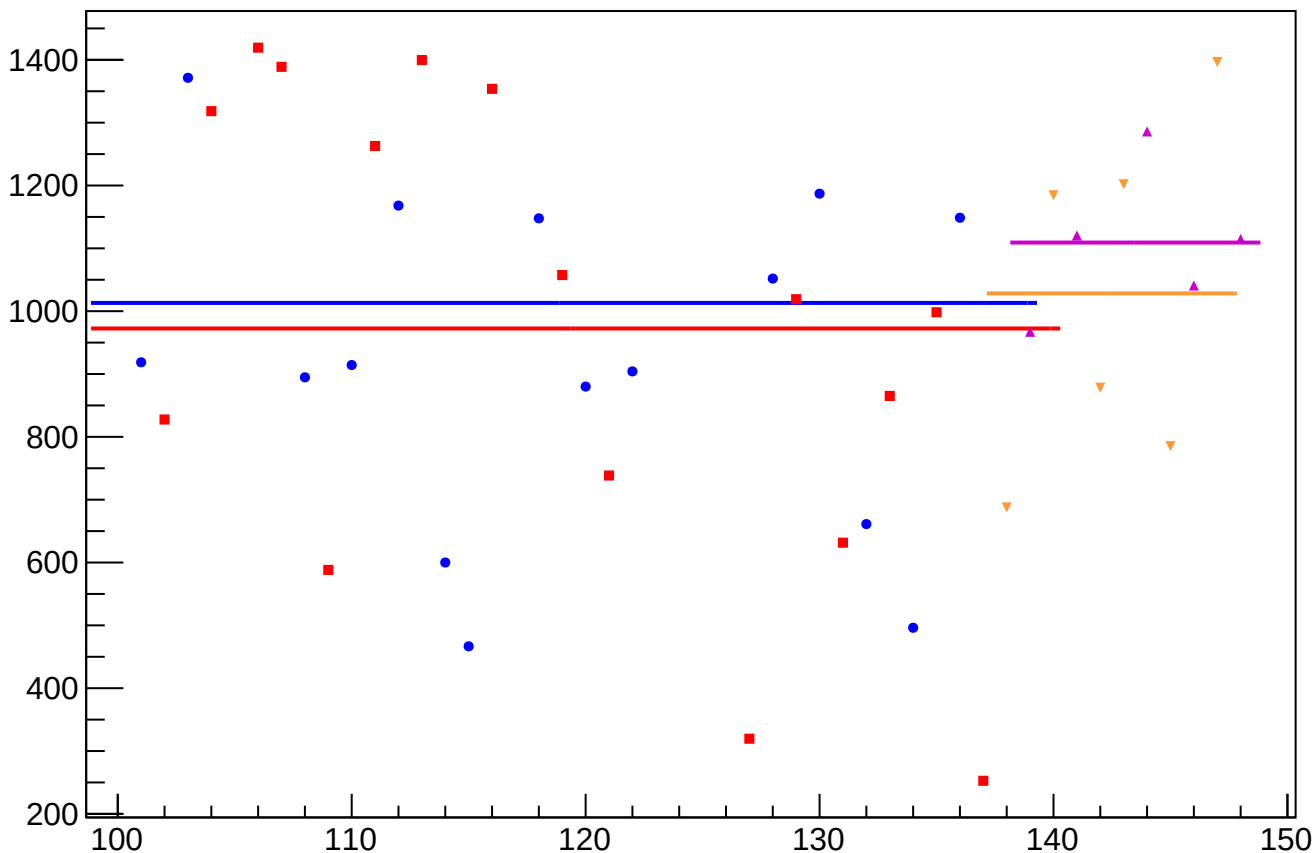
+ sign -4470.482+/-0.000 χ^2/NDF : 1754056371008
 All: -4788.825+/-0.000 χ^2/NDF : 4036282936
 - sign -5104.830+/-0.000 χ^2/NDF : 22603967618326

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: 724.100+/-0.000 χ^2/NDF : 5849270417028788314236932482494627840.0/4
 All: 1067.636+/-0.000 χ^2/NDF : 28777512818

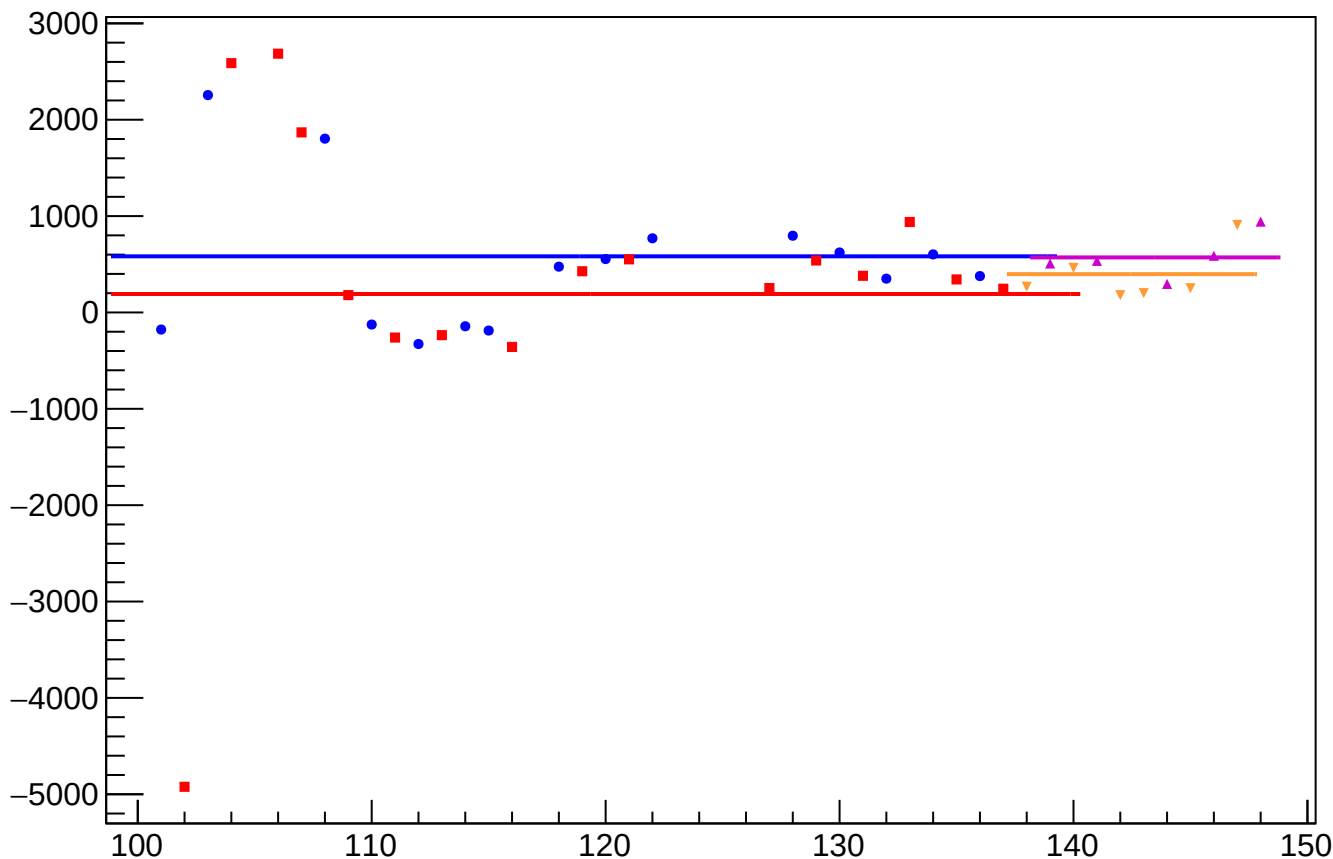
dit_atl2_coil6_Ndata_mean vs Slug



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: 1109.223+/-0.000	χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389
 All: 1022.343+/-0.000 χ^2/NDF : 14980460463
 - sign 1025.460+/-0.000 χ^2/NDF : 88536551817799

dit_atr1_coil6_mean vs Slug



Right In: 582.390+/-0.000 χ^2/NDF : 338796567623032040072791996460490031104.0/14

+ sign 508.530+/-0.000 χ^2/NDF : 376208858367915

Left Out: 397.570+/-0.000 χ^2/NDF : 28552982084254485291659318052717068288.0/5

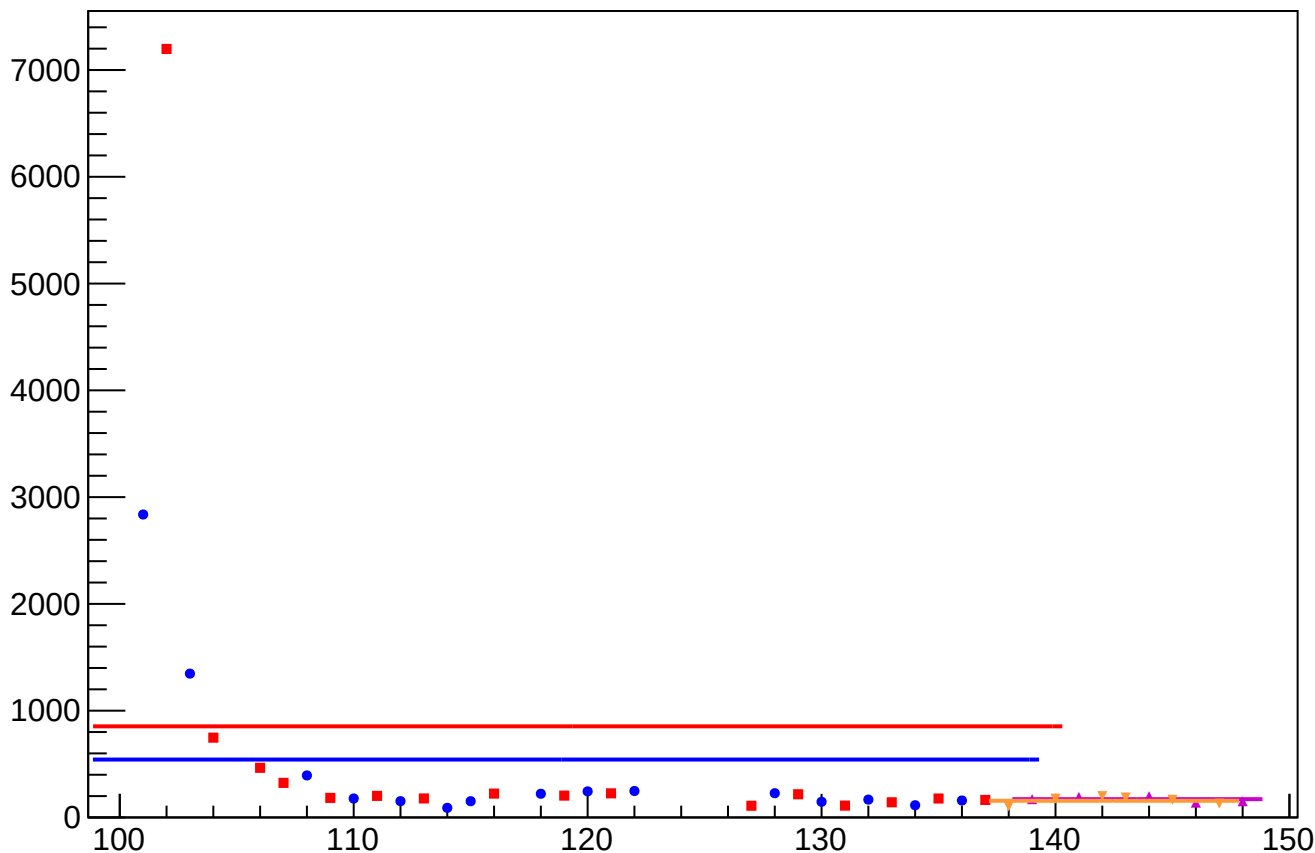
All: 423.287+/-0.000 χ^2/NDF : 26166463749

Right Out: 191.587+/-0.000 χ^2/NDF : 2168762120552346223416743005020716269568.0/15

- sign 338.671+/-0.000 χ^2/NDF : 222478545690850

Left In: 571.147+/-0.000 χ^2/NDF : 18786735953452562308712613046122446848.0/4

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

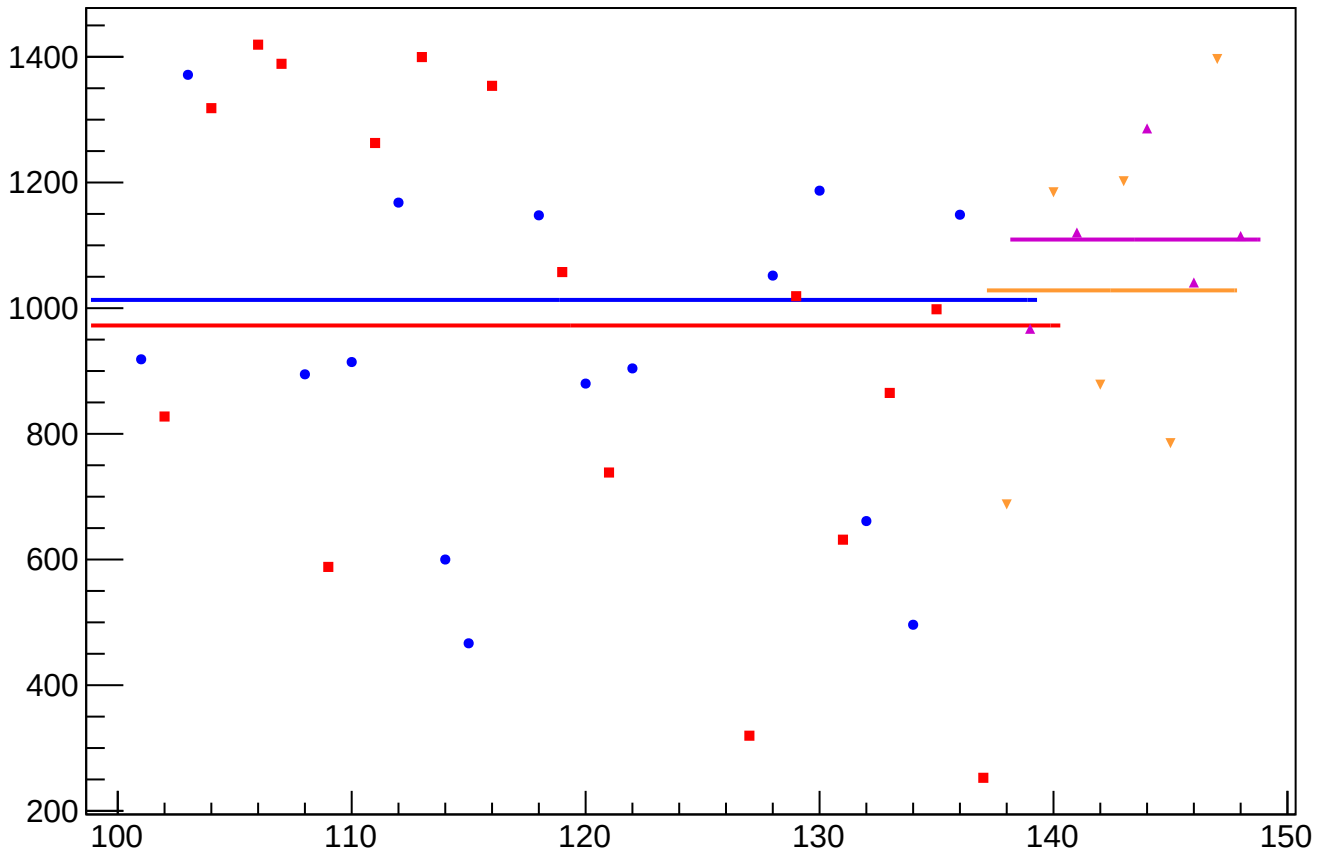
Left In: 171.356+/-0.000 χ^2/NDF : 225490193056641940988293639936409600.0/4

+ sign 388.030+/-0.000 χ^2/NDF : 453500155984025

All: 488.875+/-0.000 χ^2/NDF : 31698750688

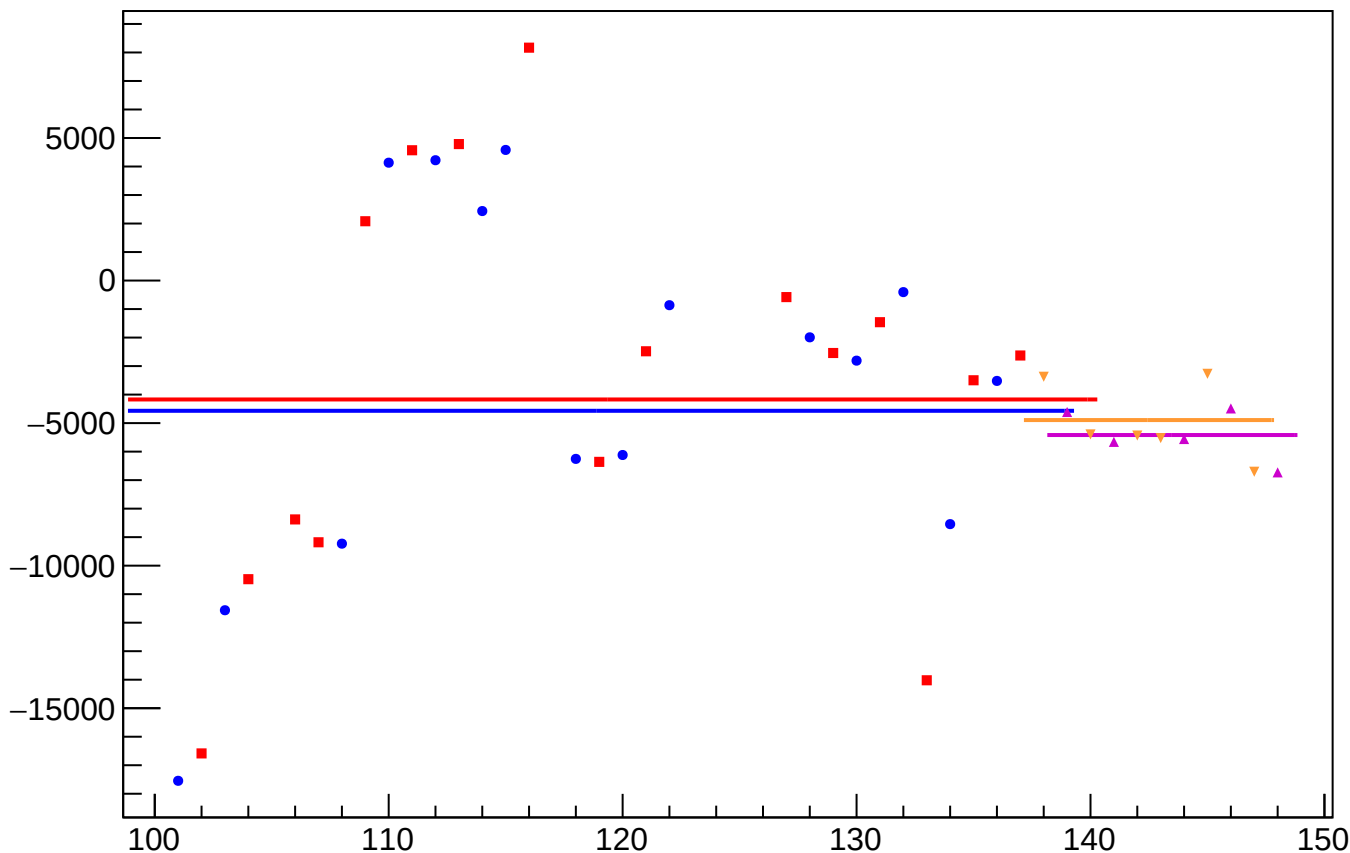
- sign 588.980+/-0.000 χ^2/NDF : 269446854047820

dit_atr1_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: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

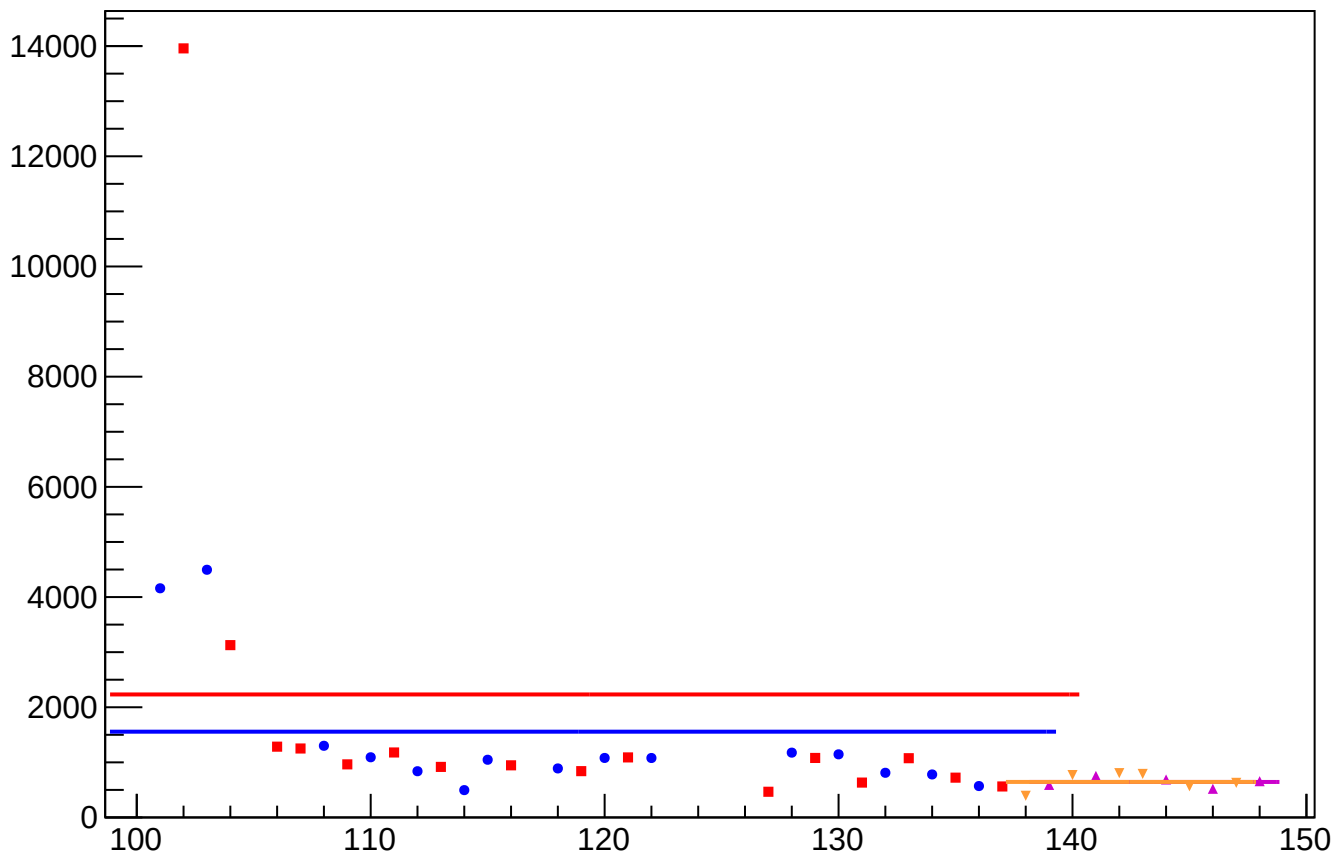
dit_atr2_coil6_mean vs Slug



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: -5418.218+/-0.000	χ^2/NDF : 275783870889657212027179499643950071808.0/4

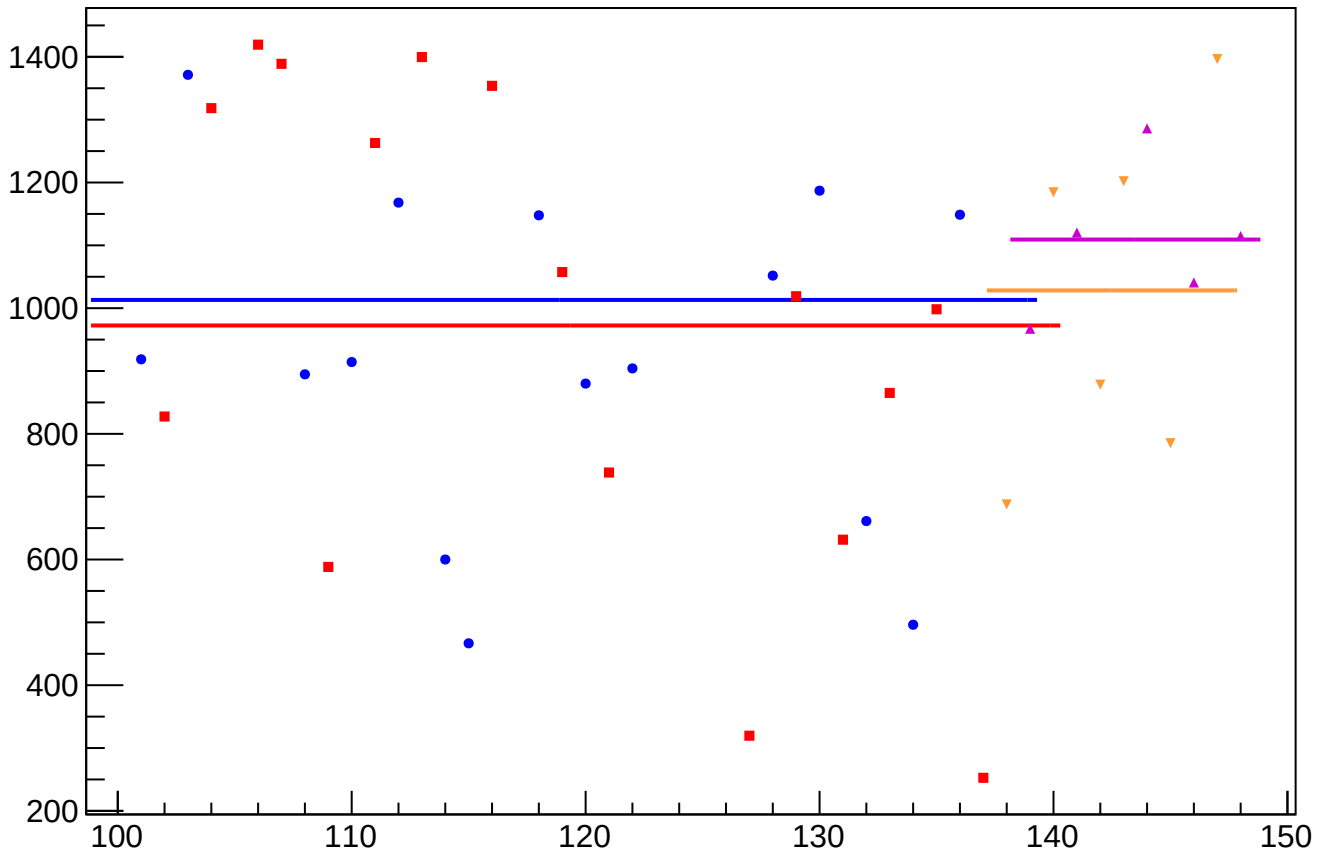
+ sign -4698.251+/-0.000 χ^2/NDF : 2493305796463
 All: -4676.130+/-0.000 χ^2/NDF : 5657935524
 - sign -4654.172+/-0.000 χ^2/NDF : 31645243211185

dit_atr2_coil6_err_mean vs Slug



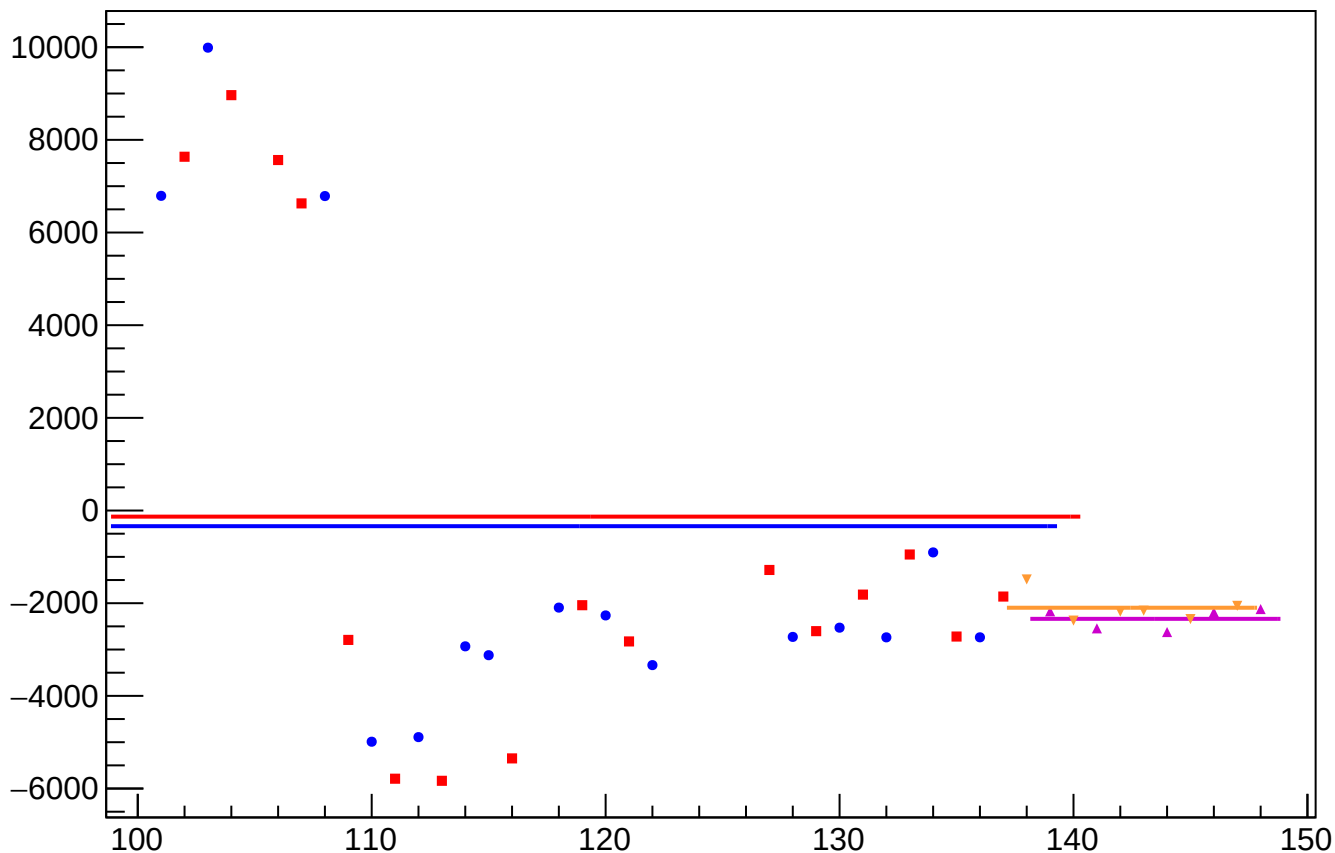
Right In: 1556.763+/-0.000 χ^2/NDF : 1139364239218600567191855131756930793472.0/14
 Left Out: 644.736+/-0.000 χ^2/NDF : 9323301541080359247073125883201978368.0/5
 Right Out: 2232.520+/-0.000 χ^2/NDF : 8990395725533930134878595569706942332928.0/15
 Left In: 644.112+/-0.000 χ^2/NDF : 2726380126933975225041103343975399424.0/4
 + sign 1192.290+/-0.000 χ^2/NDF : 13644213484027
 All: 1405.425+/-0.000 χ^2/NDF : 11107525483
 - sign 1616.994+/-0.000 χ^2/NDF : 96452529572369

dit_atr2_coil6_Ndata_mean vs Slug



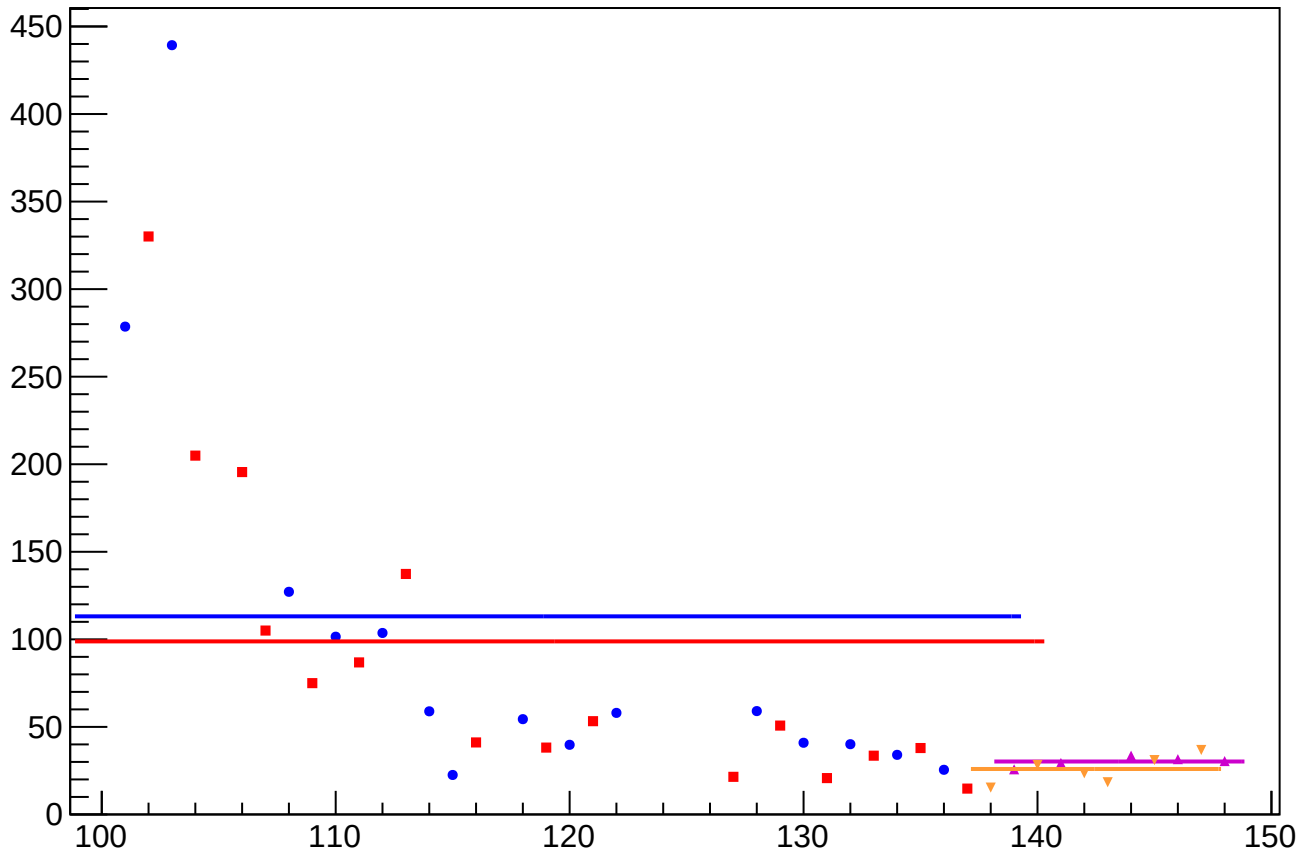
Right In: 1013.146 $\pm$ 0.000 χ^2/NDF : 31721270909522099205936100724856324096.0/14
 Left Out: 1028.301 $\pm$ 0.000 χ^2/NDF : 29465975459740600207856017891951378432.0/5
 Right Out: 972.465 $\pm$ 0.000 χ^2/NDF : 78884457200782655962756069915468234752.0/15
 Left In: 1109.223 $\pm$ 0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

dit_sam1_coil6_mean vs Slug



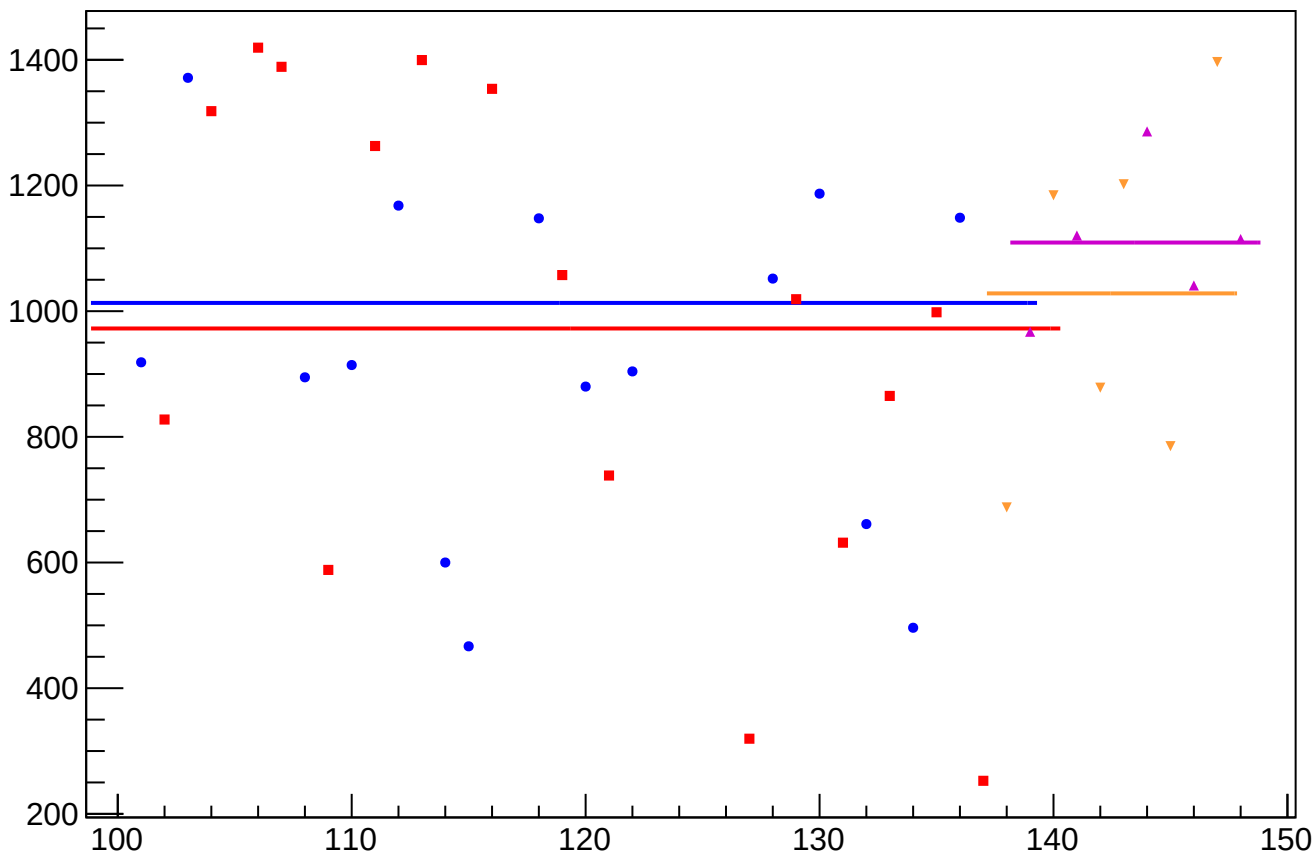
Right In: -337.865 +/- 0.000 χ^2/NDF : 15152515933007079891661097940762081886208.0/14
 Left Out: -2097.814 +/- 0.000 χ^2/NDF : 40991426880364730659560636616814886912.0/5
 Right Out: -131.545 +/- 0.000 χ^2/NDF : 16473217651078877976377424419956902068224.0/15
 Left In: -2337.661 +/- 0.000 χ^2/NDF : 18363828635064491950052244798736171008.0/4

dit_sam1_coil6_err_mean vs Slug



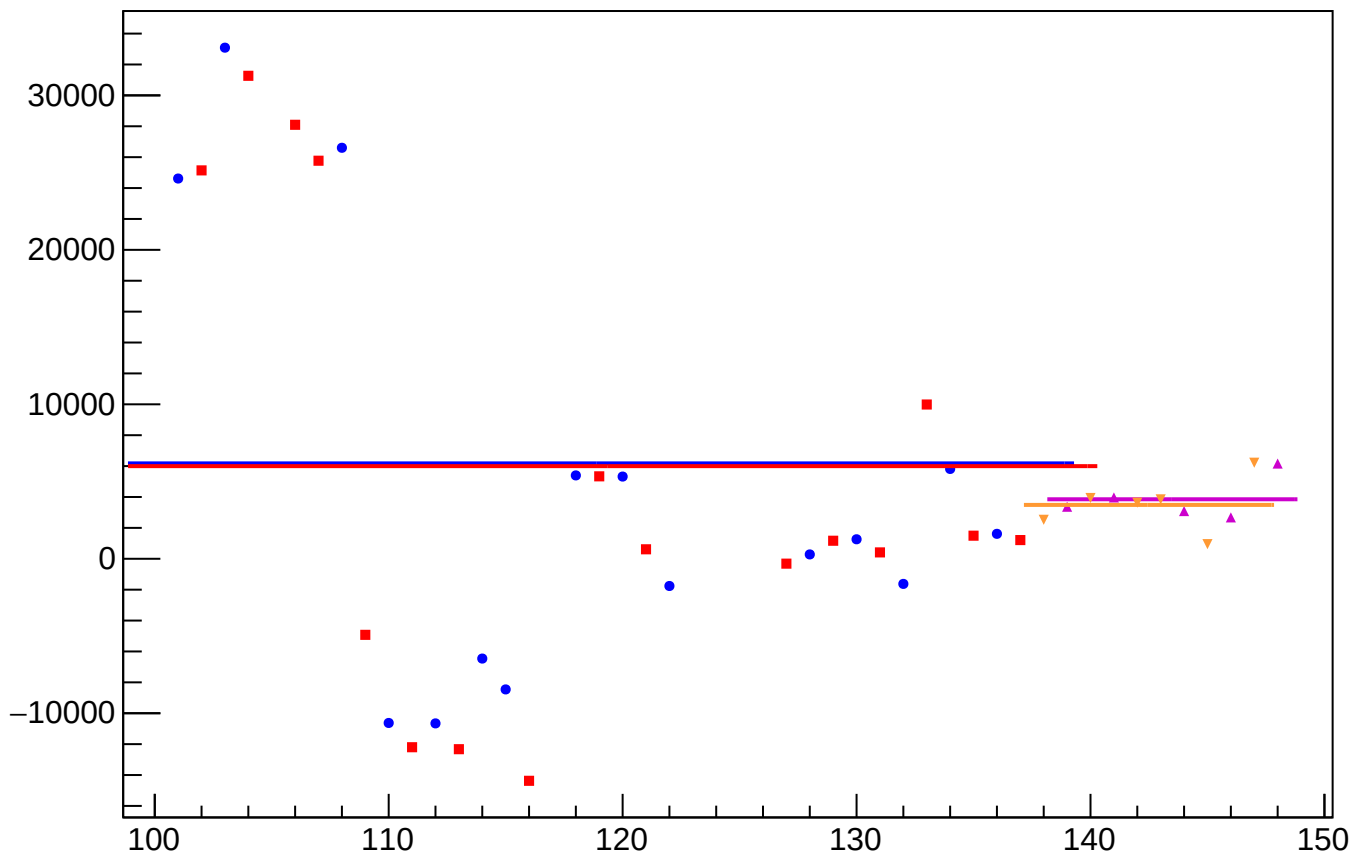
Right In: 113.134 $\pm$ 0.000 χ^2 /NDF: 9989638354332004017458192433874468864.0/14
 Left Out: 25.965 $\pm$ 0.000 χ^2 /NDF: 24669374086321531088855208430665728.0/5
 Right Out: 98.833 $\pm$ 0.000 χ^2 /NDF: 5510365308590426333953610701260980224.0/15
 Left In: 30.239 $\pm$ 0.000 χ^2 /NDF: 2814167150707414368925863634796544.0/4

dit_sam1_coil6_Ndata_mean vs Slug



Right In: 1013.146+/-0.000	χ^2/NDF : 31721270909522099205936100724856324096.0/14	+ sign 1019.203+/-0.000	χ^2/NDF : 61246811028389
Left Out: 1028.301+/-0.000	χ^2/NDF : 29465975459740600207856017891951378432.0/5	All: 1022.343+/-0.000	χ^2/NDF : 14980460463
Right Out: 972.465+/-0.000	χ^2/NDF : 78884457200782655962756069915468234752.0/15	- sign 1025.460+/-0.000	χ^2/NDF : 88536551817799
Left In: 1109.223+/-0.000	χ^2/NDF : 4817993088270685914681345107212369920.0/4		

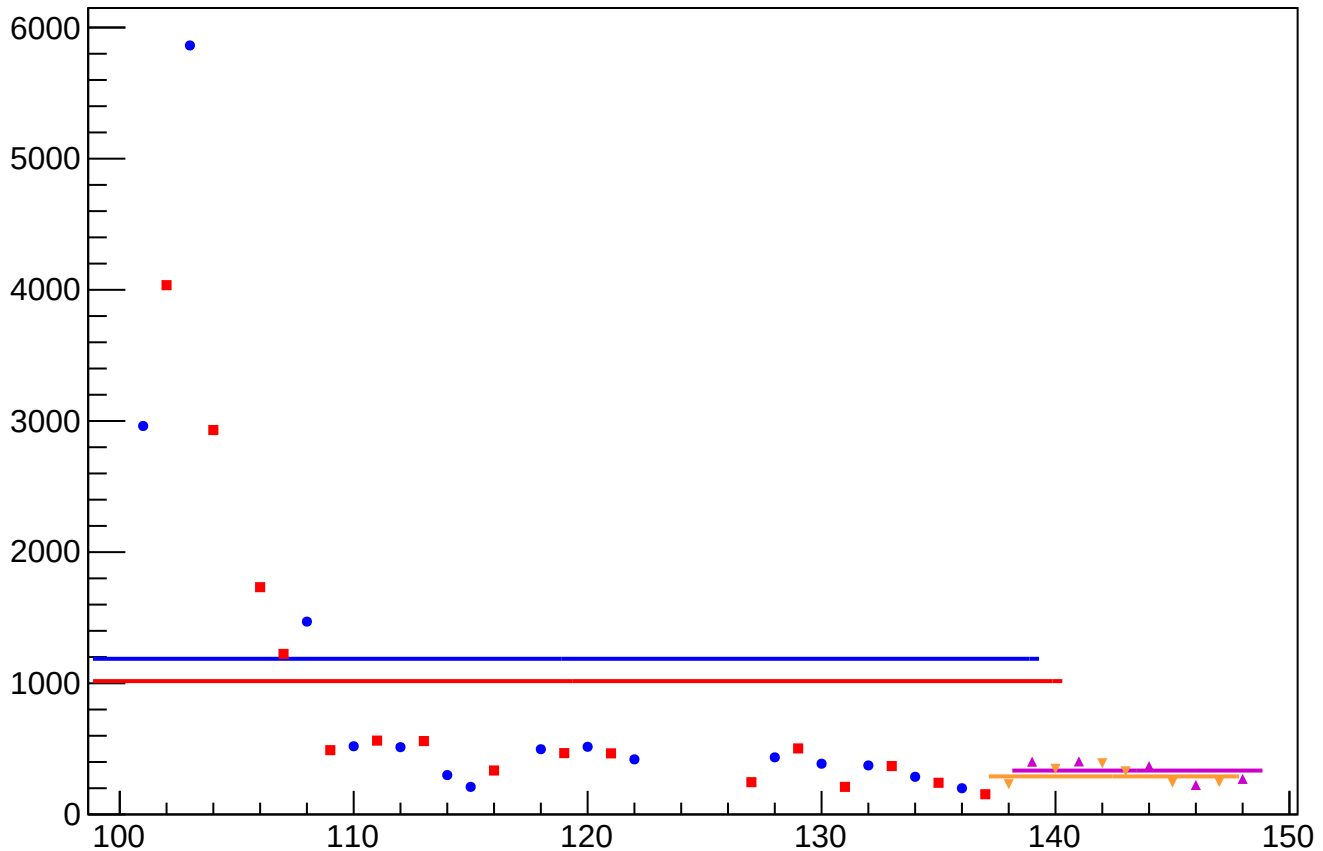
dit_sam2_coil6_mean vs Slug



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: 3852.061+/-0.000	χ^2/NDF : 635369703431016868088547800414987223040.0/4

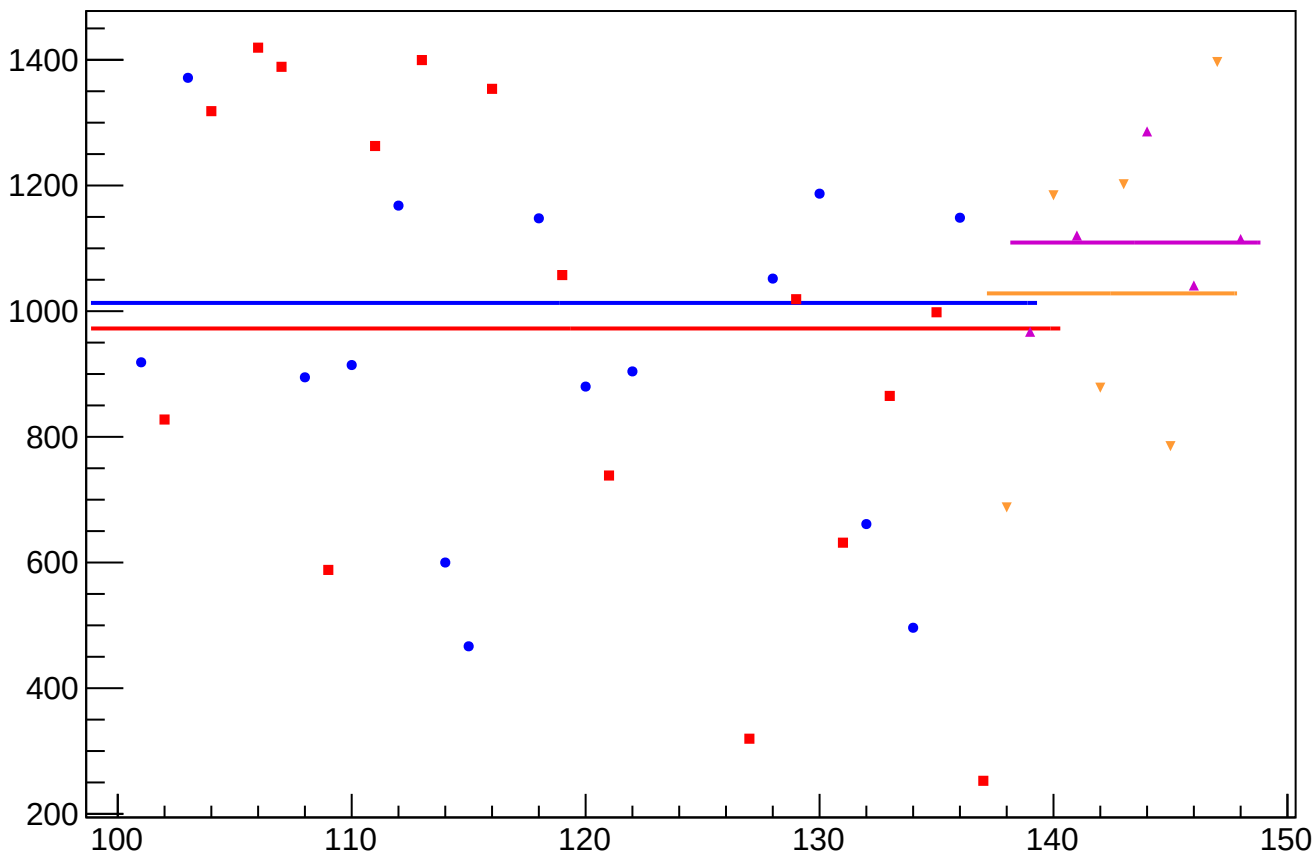
+ sign 5101.193+/-0.000 χ^2/NDF : 12033824942804
 All: 5133.537+/-0.000 χ^2/NDF : 25922244053
 - sign 5165.644+/-0.000 χ^2/NDF : 13888193762644

dit_sam2_coil6_err_mean vs Slug



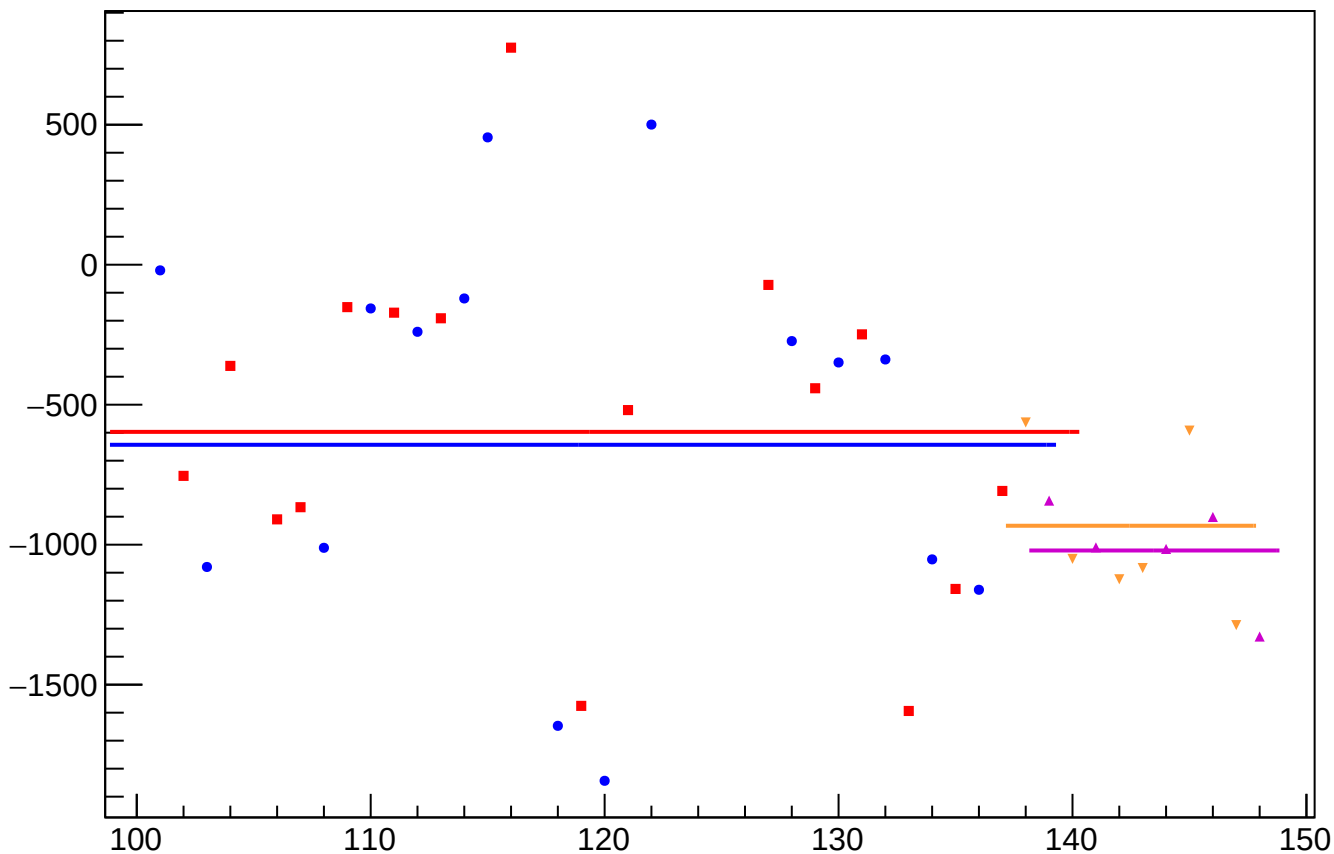
Right In: 1186.846 $\pm$ 0.000 χ^2 /NDF: 1796463312802023303623210264680353234944.0/14
 Left Out: 289.975 $\pm$ 0.000 χ^2 /NDF: 1454288532005790954442949644915834880.0/5
 Right Out: 1016.732 $\pm$ 0.000 χ^2 /NDF: 927646003466094249558391691024825057280.0/15
 Left In: 334.651 $\pm$ 0.000 χ^2 /NDF: 223030079194906776206589359980281856.0/4
 All: 790.283 $\pm$ 0.000 χ^2 /NDF: 305980046642
 + sign 828.429 $\pm$ 0.000 χ^2 /NDF: 200654074773385
 - sign 752.418 $\pm$ 0.000 χ^2 /NDF: 105012532100767

dit_sam2_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: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

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

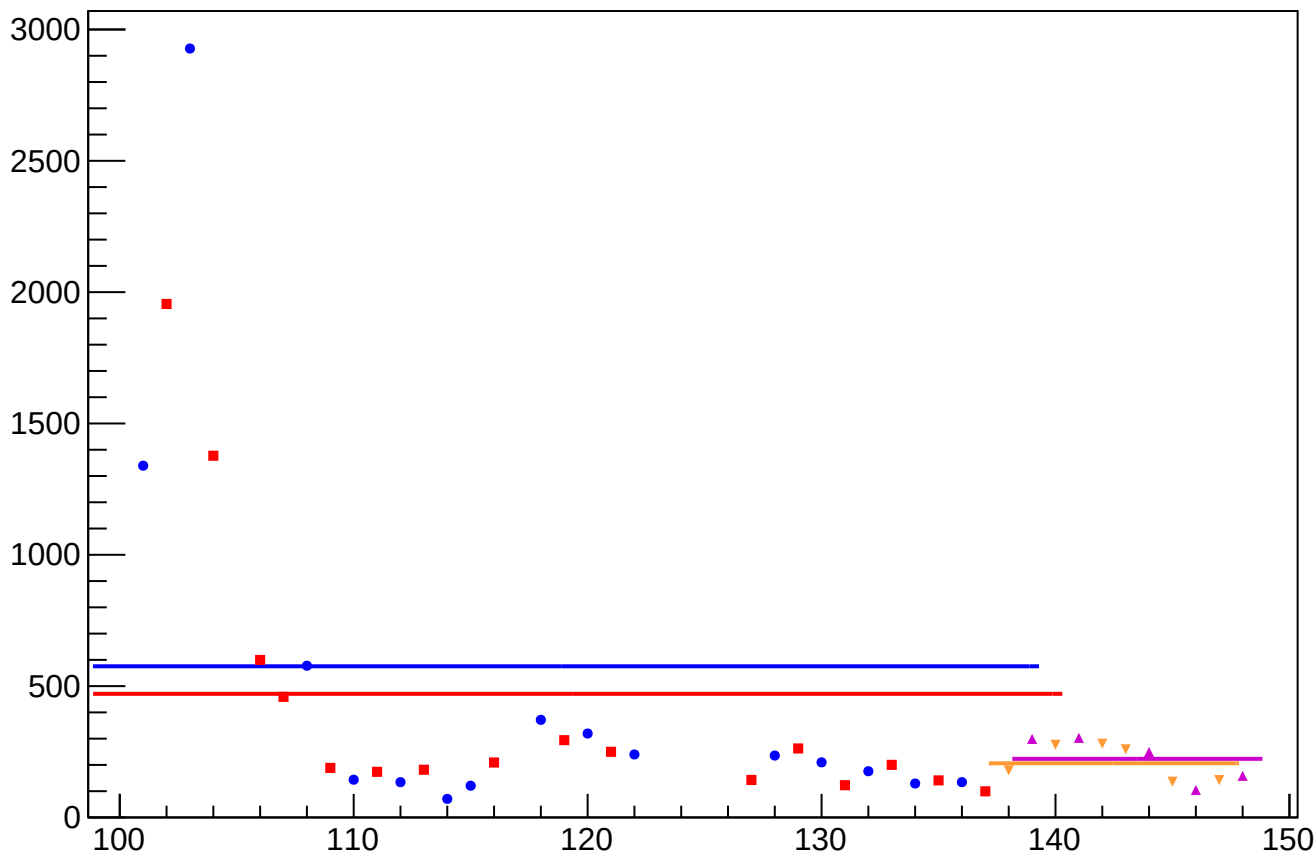
Left In: -1020.746+/-0.000 χ^2/NDF : 11708769969654880291974961139896287232.0/4

+ sign -758.776+/-0.000 χ^2/NDF : 32856792260476

All: -760.009+/-0.000 χ^2/NDF : 59741501350

- sign -761.233+/-0.000 χ^2/NDF : 26884381721936

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

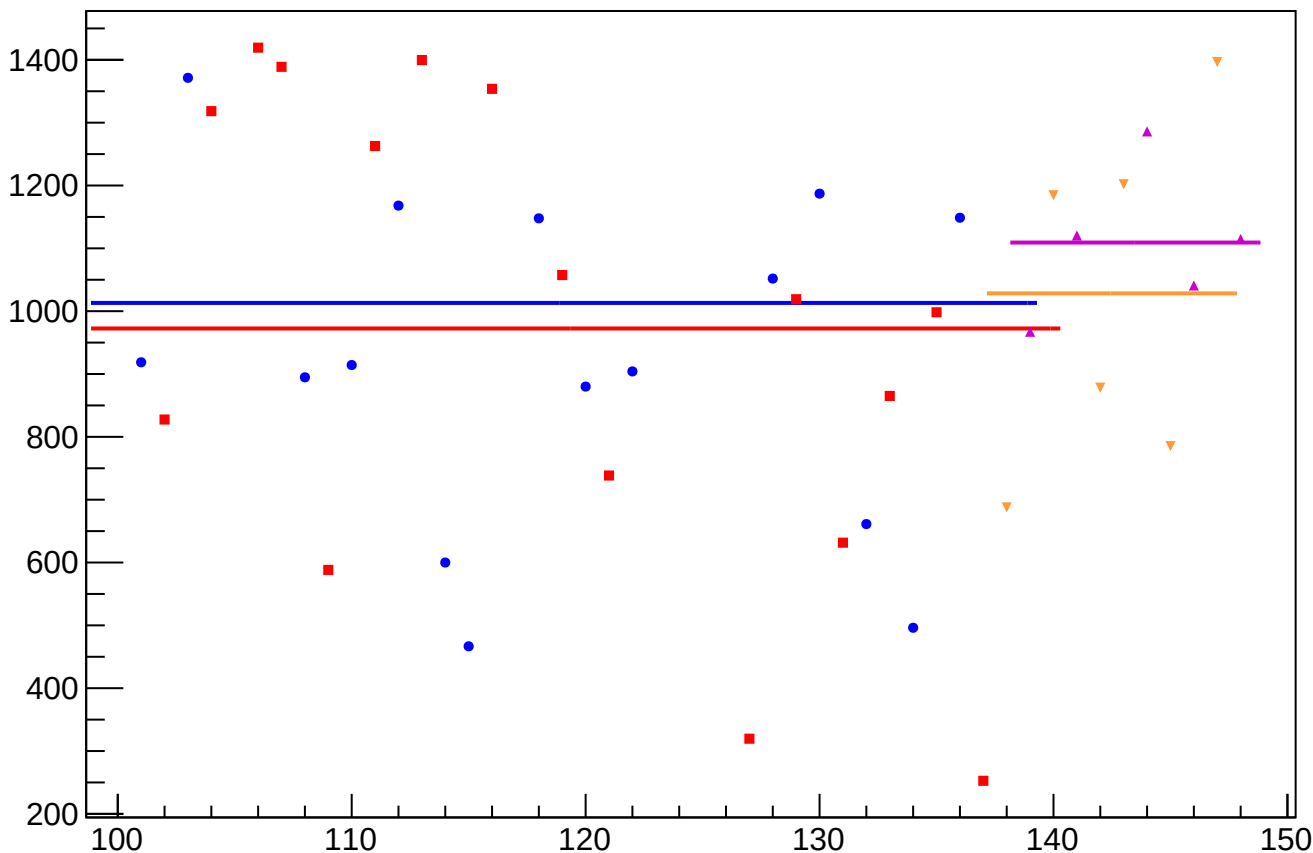
Left In: 223.175+/-0.000 χ^2/NDF : 2588599812901502979986151124418691072.0/4

+ sign 427.926+/-0.000 χ^2/NDF : 469685168208650

All: 401.261+/-0.000 χ^2/NDF : 698954123540

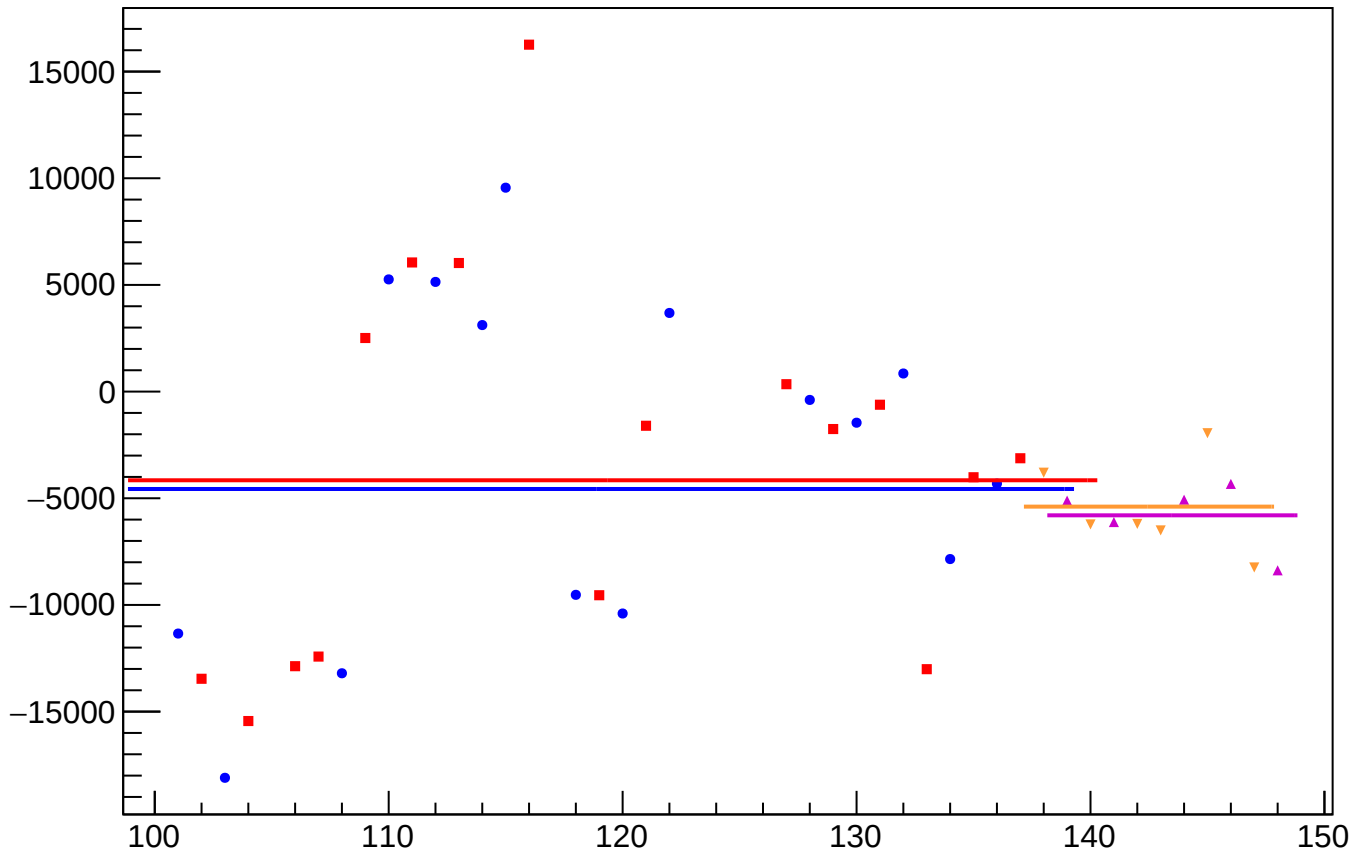
- sign 374.791+/-0.000 χ^2/NDF : 227737297555269

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: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

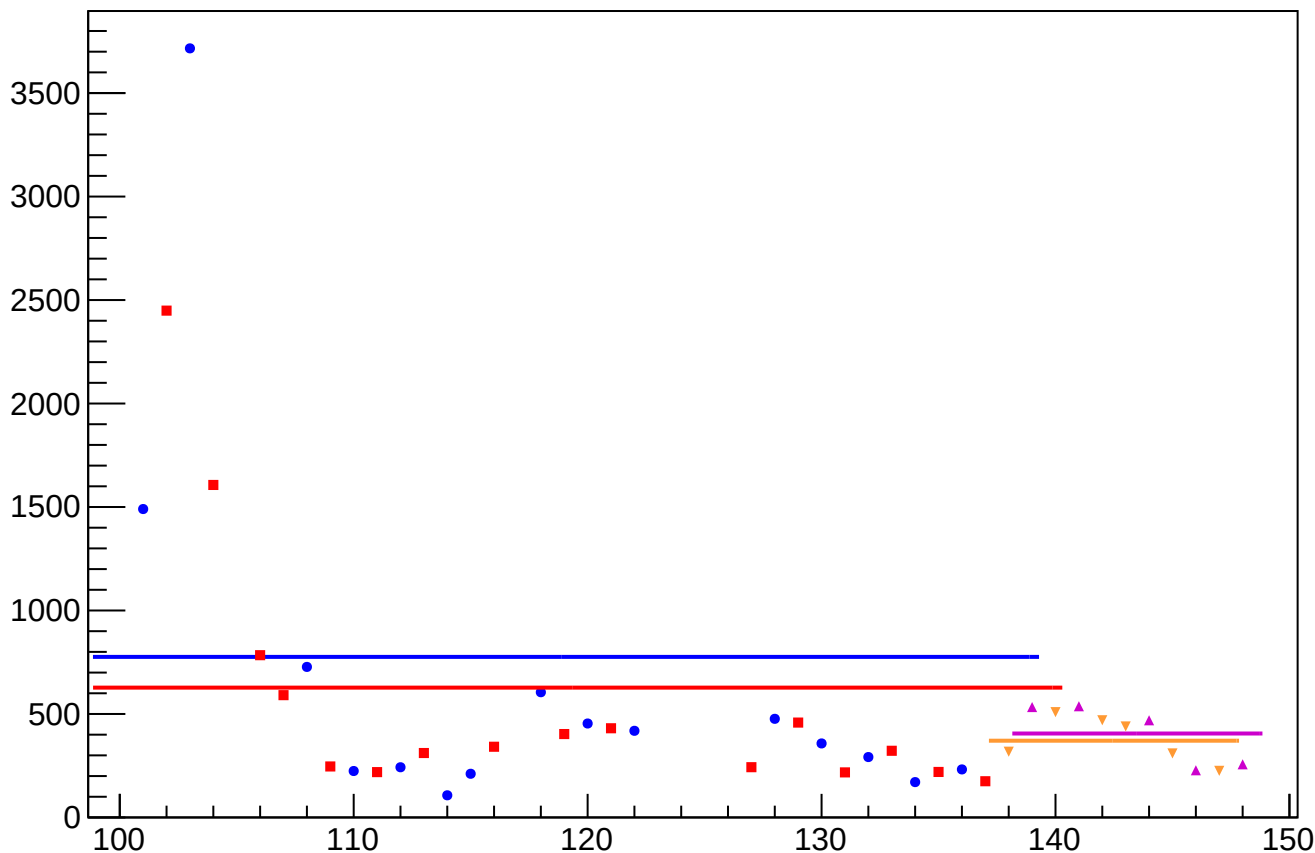
dit_sam4_coil6_mean vs Slug



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: -5799.773+/-0.000	χ^2/NDF : 832840606671727511130109888498380046336.0/4

+ sign -4895.674+/-0.000 χ^2/NDF : 3780601641563
 All: -4844.402+/-0.000 χ^2/NDF : 8488162906
 - sign -4793.507+/-0.000 χ^2/NDF : 47069950026877

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

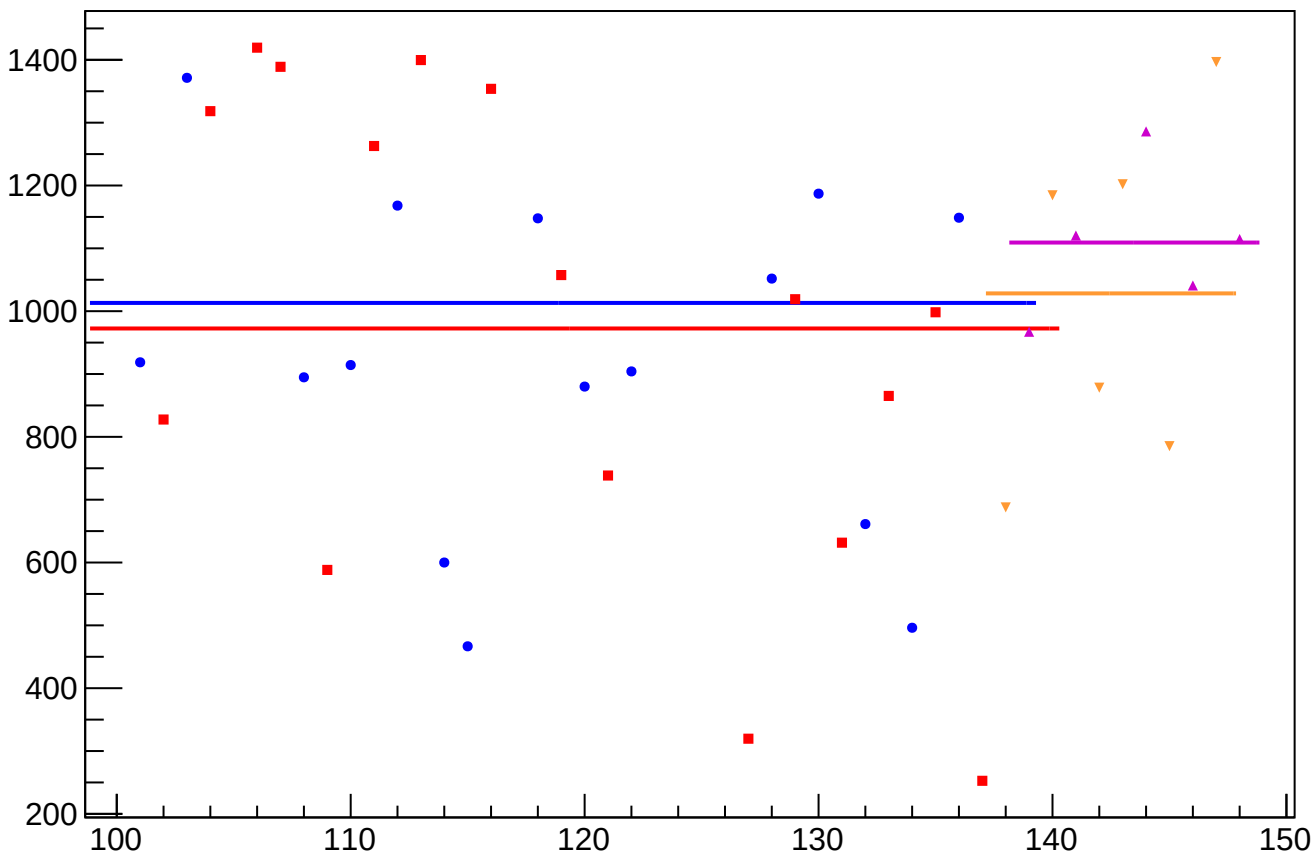
Left In: 405.612+/-0.000 χ^2/NDF : 7640595054413170408799910304055033856.0/4

+ sign 613.980+/-0.000 χ^2/NDF : 688902248513847

All: 577.557+/-0.000 χ^2/NDF : 100962249102

- sign 541.402+/-0.000 χ^2/NDF : 317862651656272

dit_sam4_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

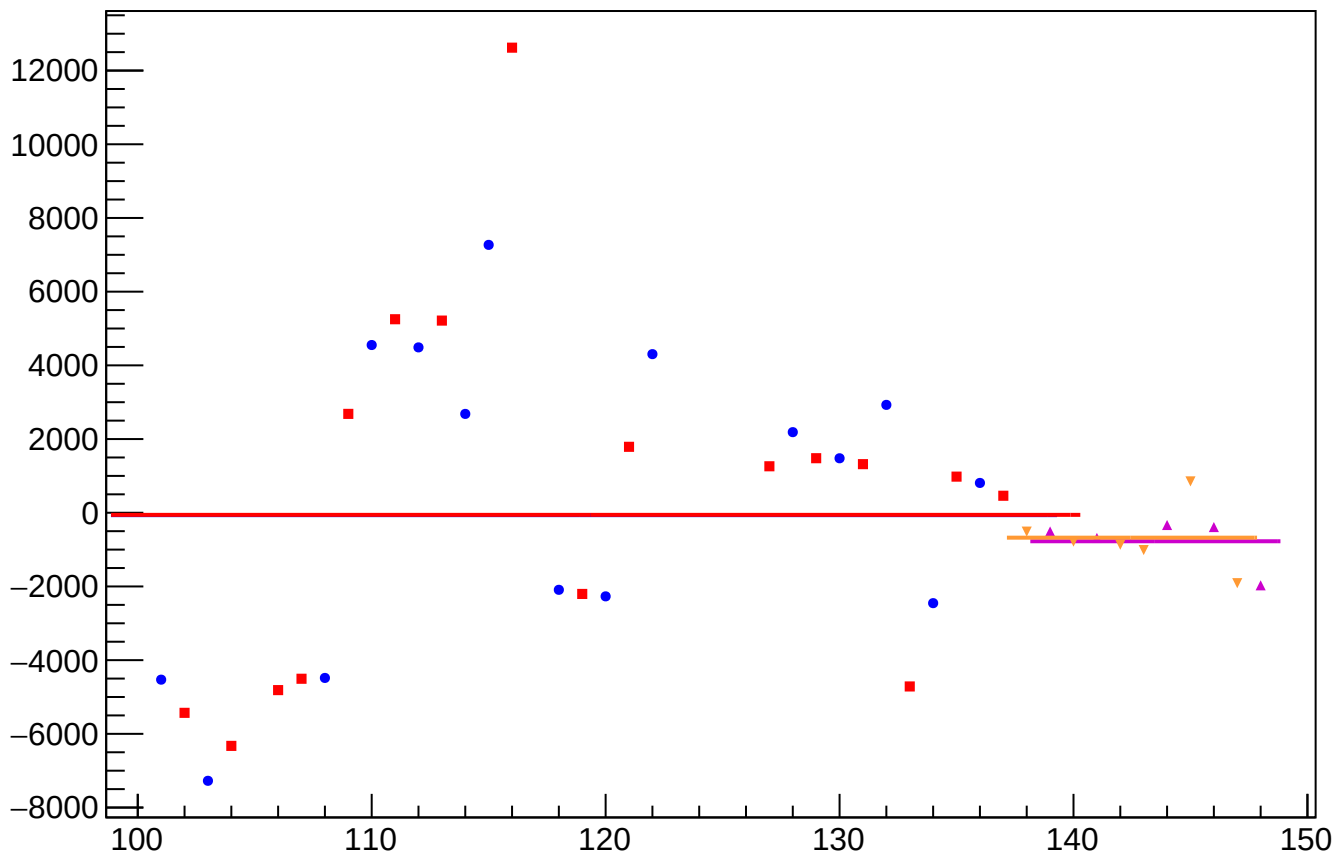
Left In: 1109.223 $\pm$ 0.000 χ^2 /NDF: 4817993088270685914681345107212369920.0/4

+ sign 1019.203 $\pm$ 0.000 χ^2 /NDF: 61246811028389

All: 1022.343 $\pm$ 0.000 χ^2 /NDF: 14980460463

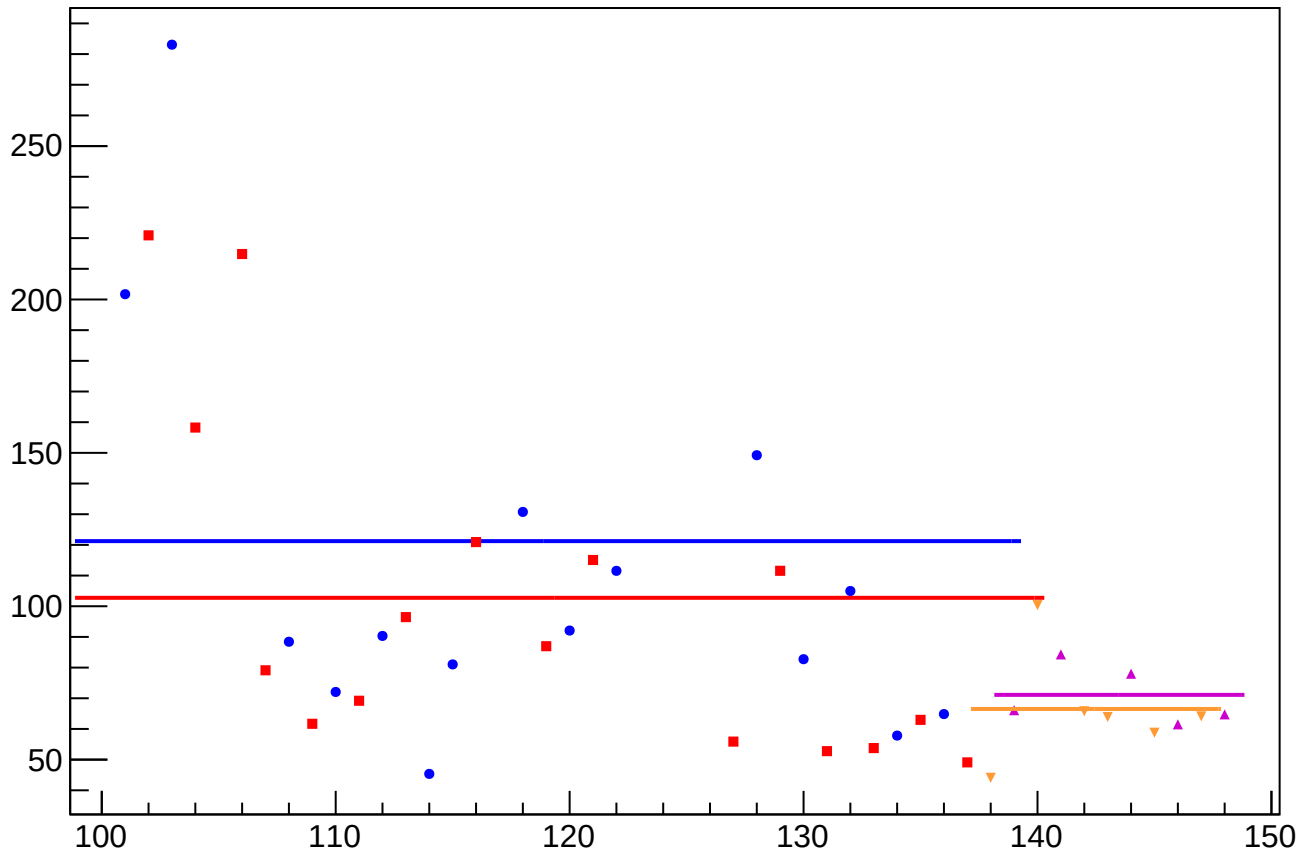
- sign 1025.460 $\pm$ 0.000 χ^2 /NDF: 88536551817799

dit_sam5_coil6_mean vs Slug



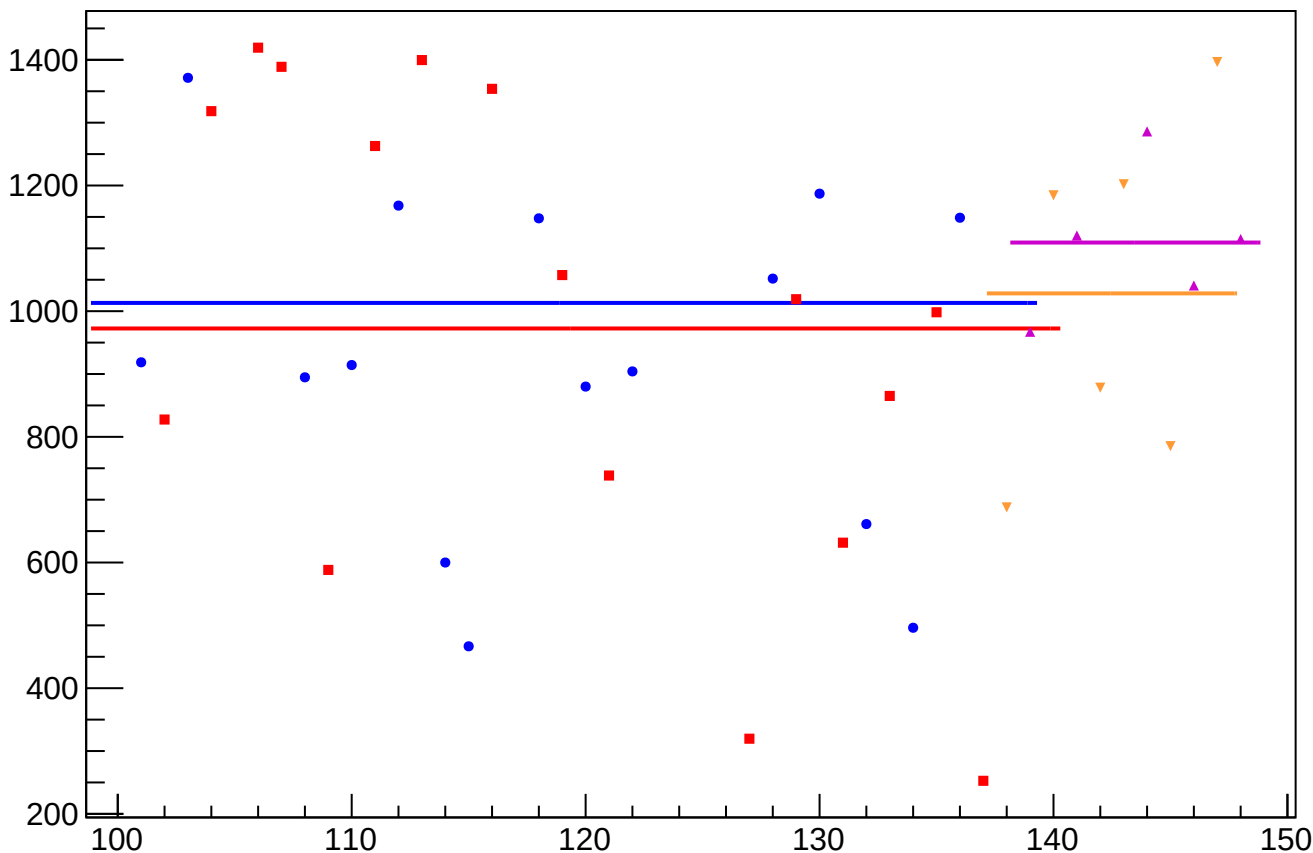
Right In: -64.751+/-0.000 χ^2/NDF : 9614223448851814191683817349989558910976.0/14
 Left Out: -676.113+/-0.000 χ^2/NDF : 320258951023352918248522466946975793152.0/5
 Right Out: -57.229+/-0.000 χ^2/NDF : 13780958977008702301942505454387177979904.0/15
 Left In: -773.630+/-0.000 χ^2/NDF : 156168465022592518343888292539629830144.0/4

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: 71.109 $\pm$ 0.000 χ^2 /NDF: 32117938048576533073242558683938816.0/4
 All: 94.909 $\pm$ 0.000 χ^2 /NDF: 5939784695745
 + sign 99.363 $\pm$ 0.000 χ^2 /NDF: 3638519683632086
 - sign 90.488 $\pm$ 0.000 χ^2 /NDF: 2258533775040480

dit_sam5_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: 1109.223+/-0.000

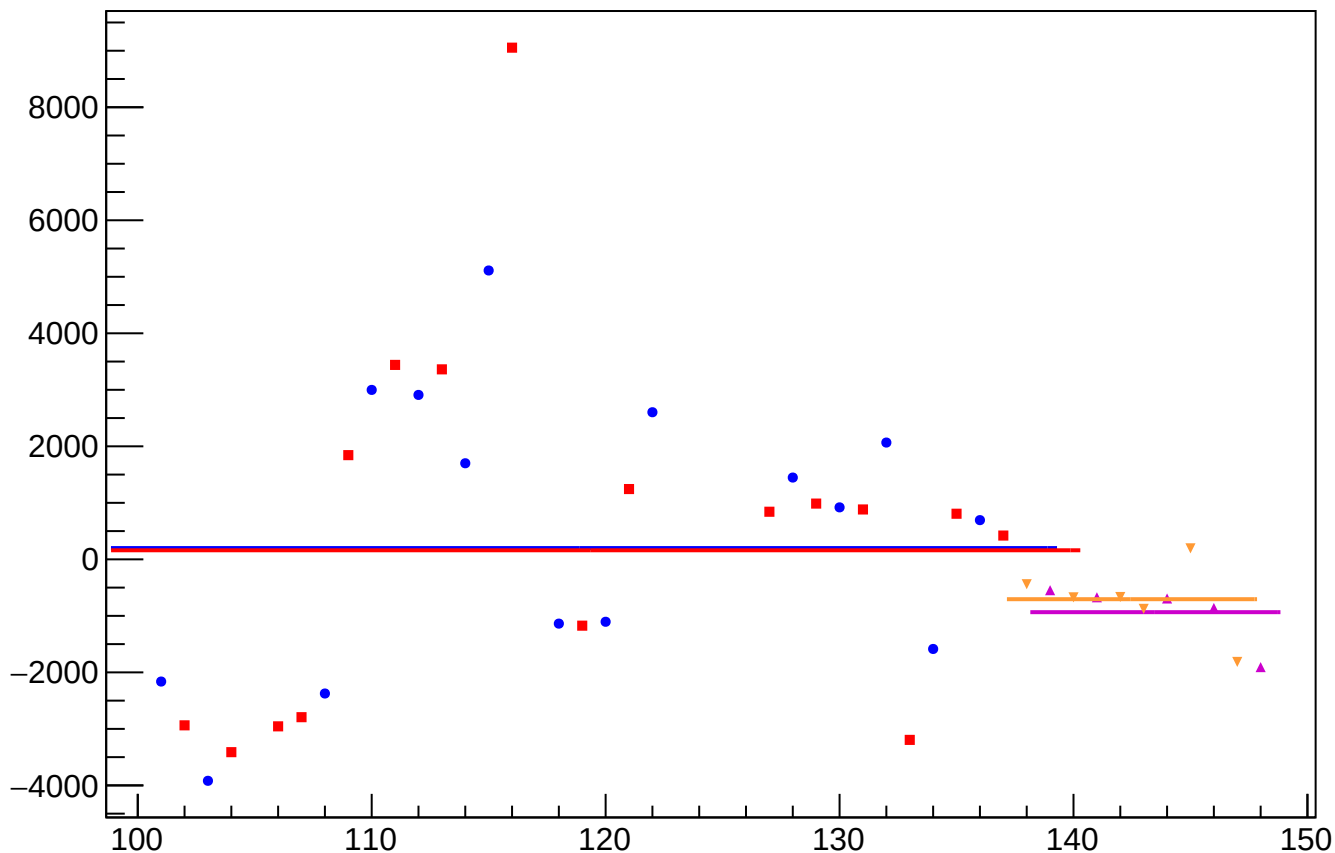
χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389

All: 1022.343+/-0.000 χ^2/NDF : 14980460463

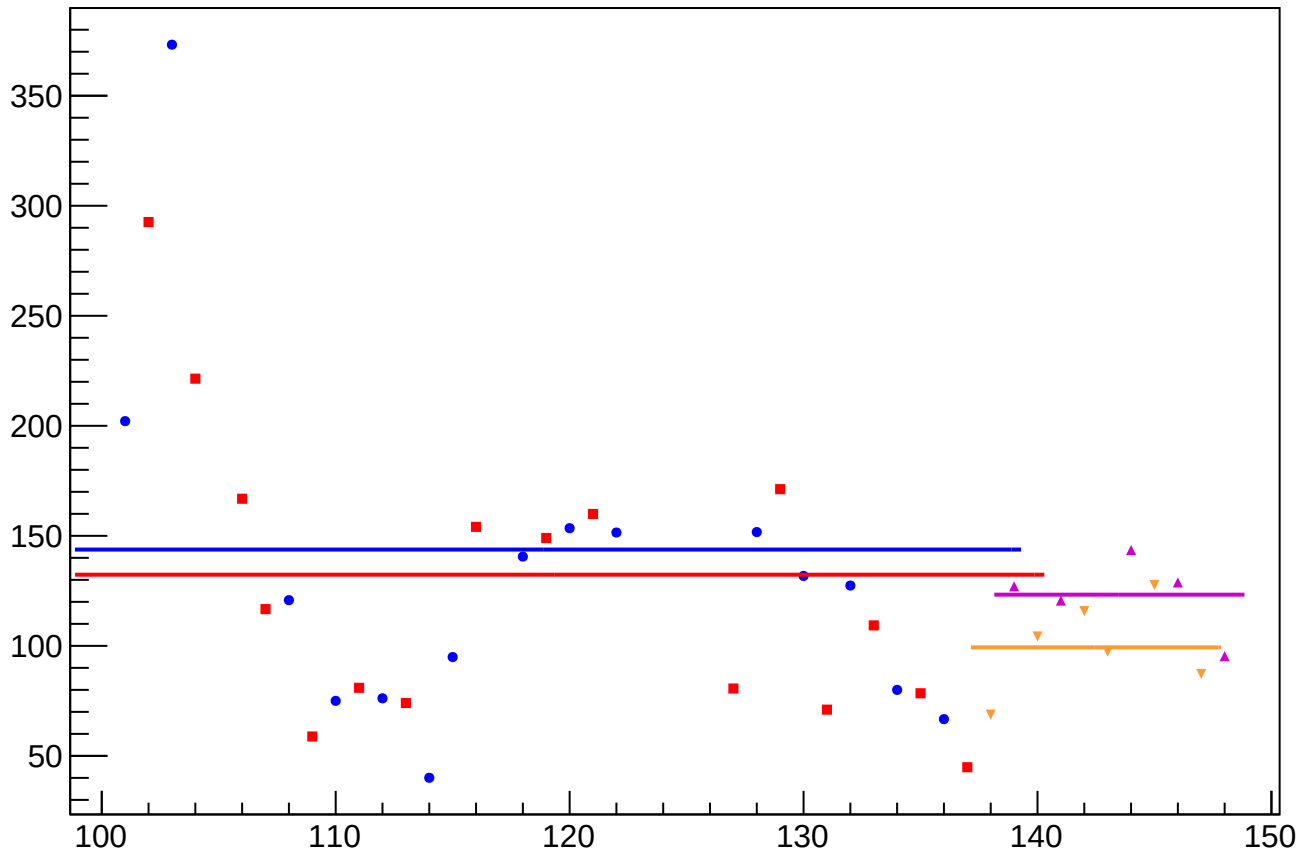
- sign 1025.460+/-0.000 χ^2/NDF : 88536551817799

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: -934.733+/-0.000 χ^2/NDF : 103221710810210356483041475219106562048.0/4

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

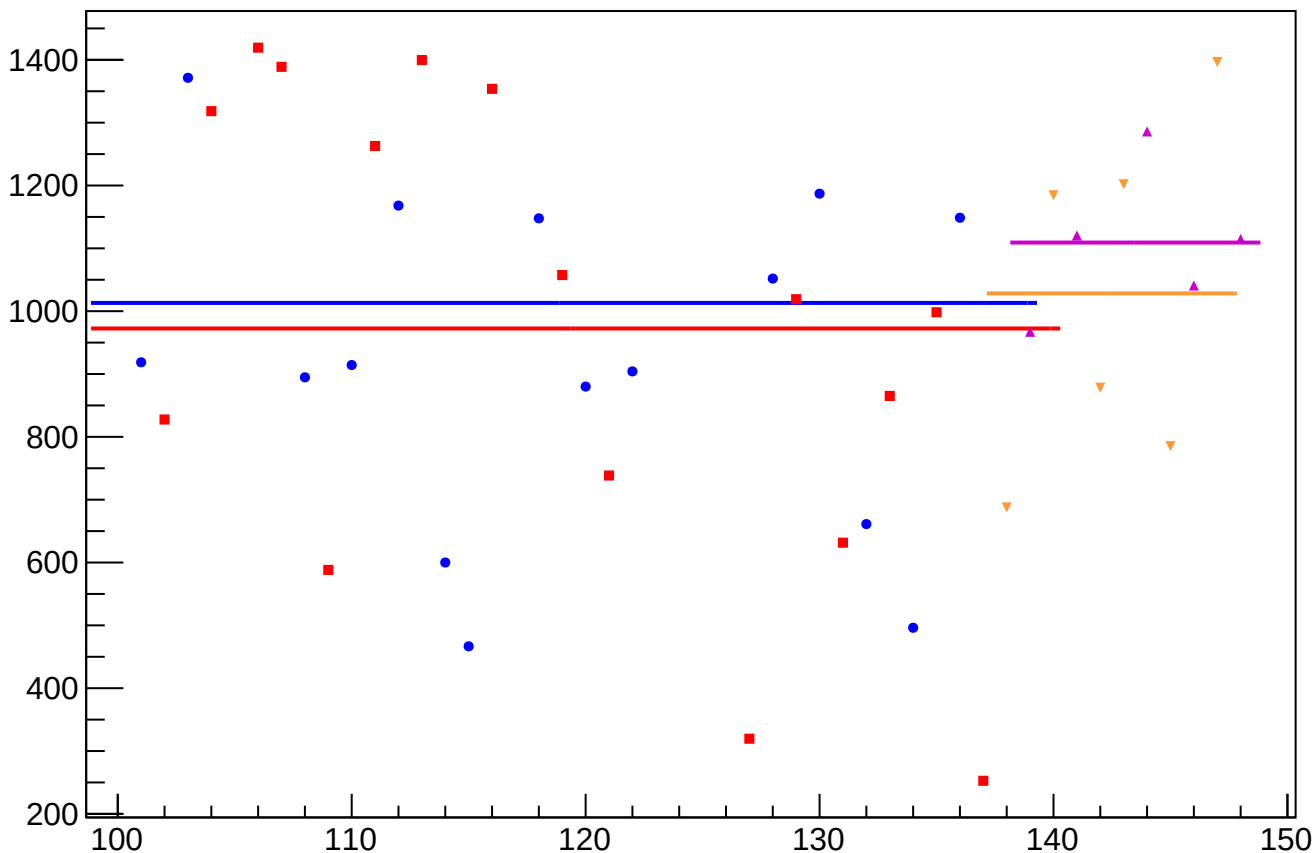
Left In: 123.265 ± 0.000 χ^2/NDF : 106535669802756178144612664507105280.0/4

+ sign 126.003 ± 0.000 χ^2/NDF : 519095186746065

All: 127.419 ± 0.000 χ^2/NDF : 849718037968.0/5

- sign 128.824 ± 0.000 χ^2/NDF : 330191163811235

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

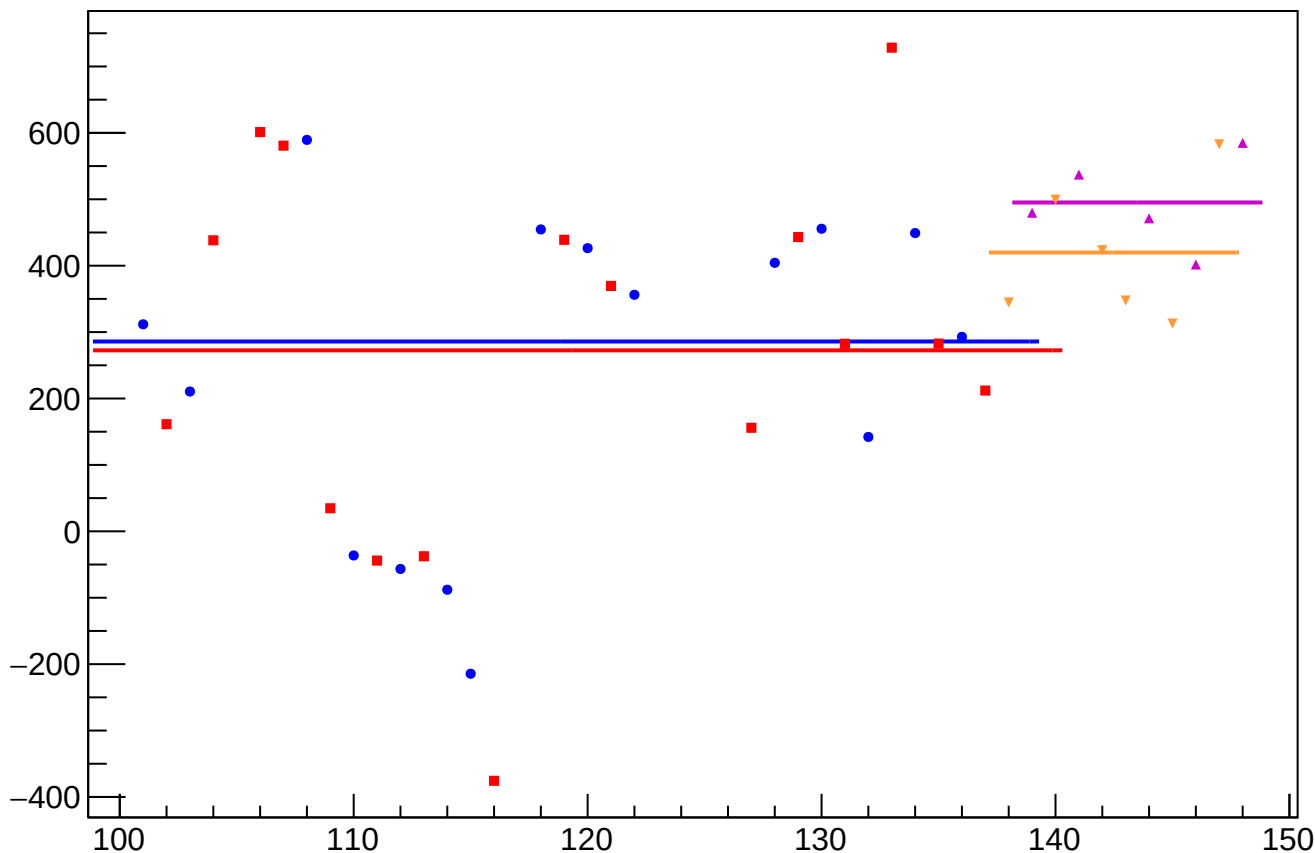
Left In: 1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389

All: 1022.343+/-0.000 χ^2/NDF : 14980460463

- sign 1025.460+/-0.000 χ^2/NDF : 88536551817799

dit_sam7_coil6_mean vs Slug



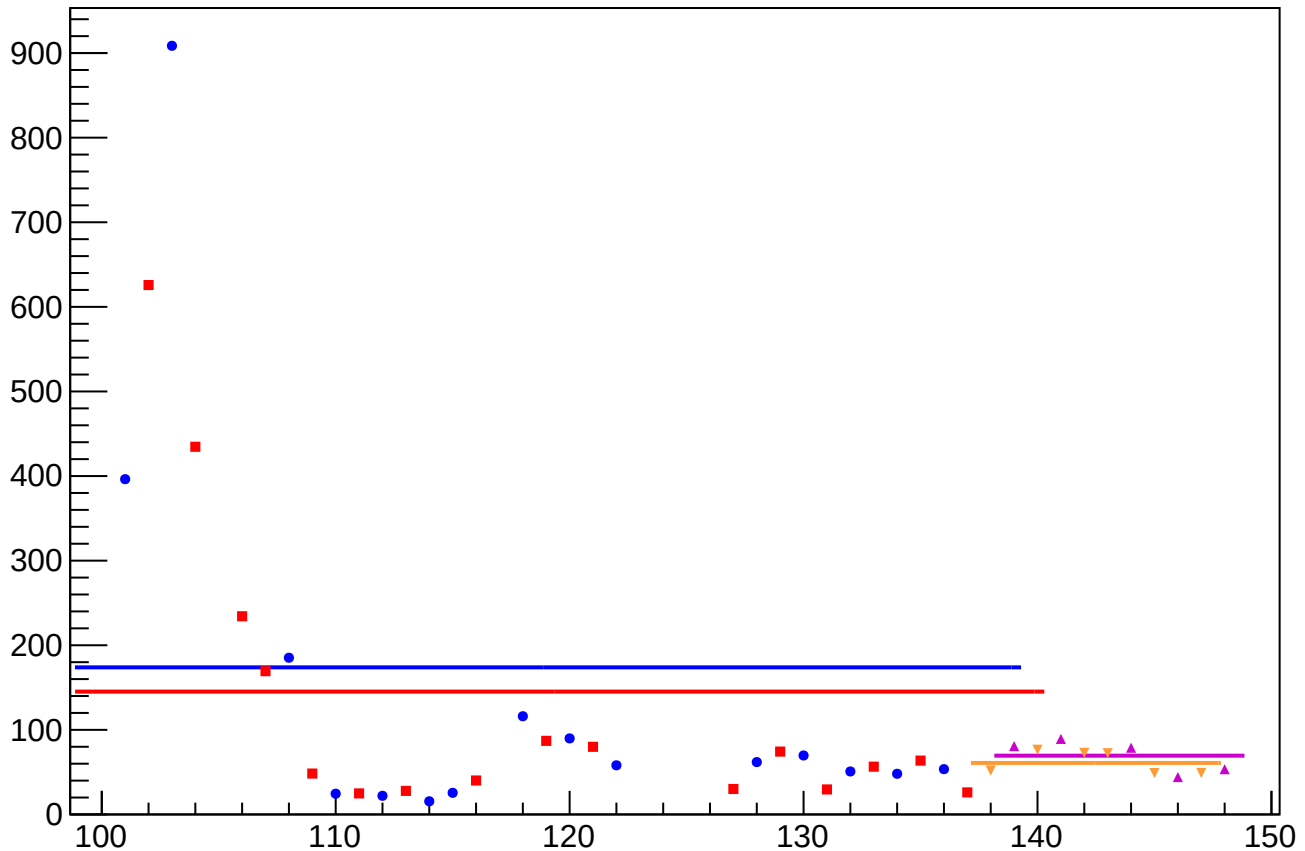
Right In: 285.856 +/- 0.000 $\chi^2/\text{NDF} = 24108244802355530064663311301086281728.0/14$

Left Out: 419.846 +/- 0.000 $\chi^2/\text{NDF} = 4307433623633101923479027472303915008.0/5$

Right Out: 272.539 +/- 0.000 $\chi^2/\text{NDF} = 44149952665075593650338713333575712768.0/15$

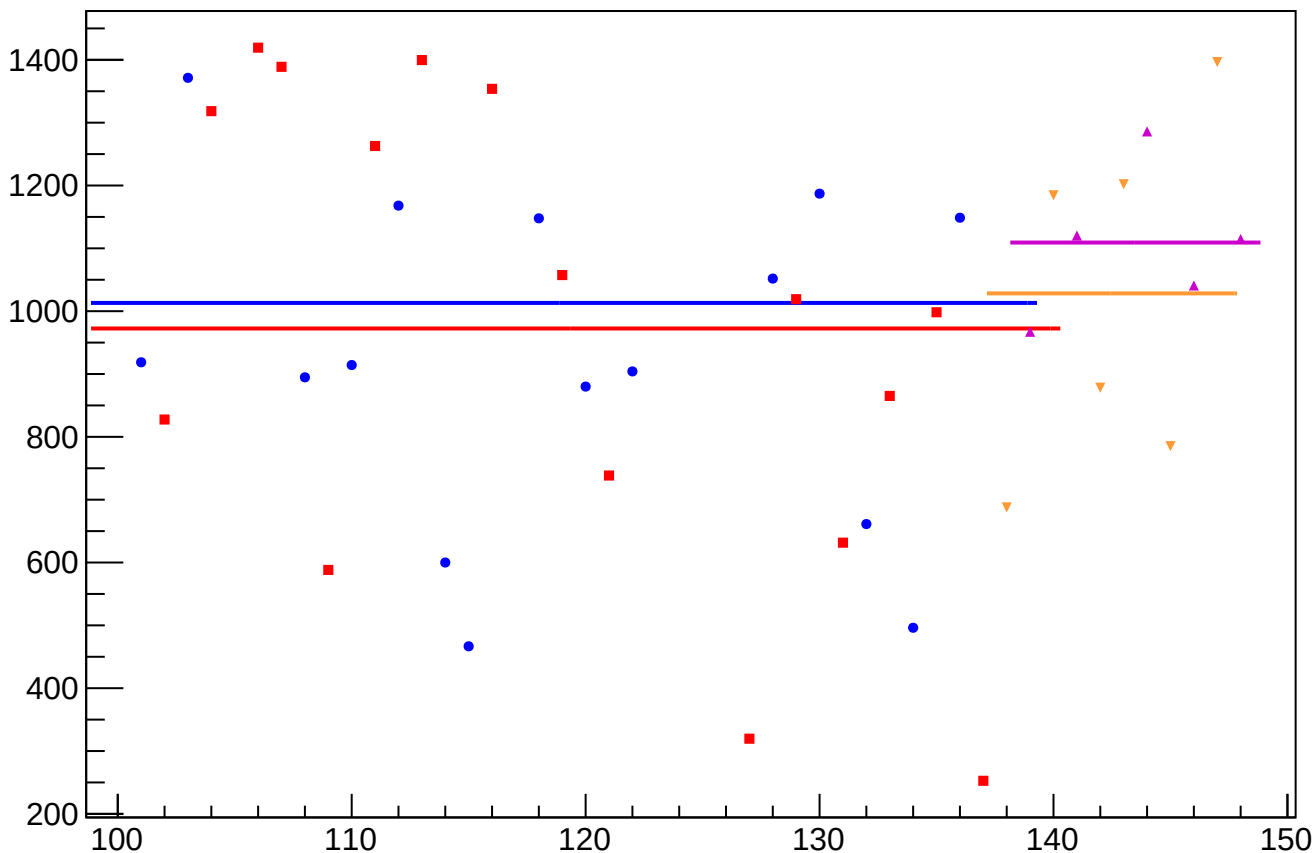
Left In: 495.175 +/- 0.000 $\chi^2/\text{NDF} = 1620442798755821415333414570989453312.0/4$

dit_sam7_coil6_err_mean vs Slug



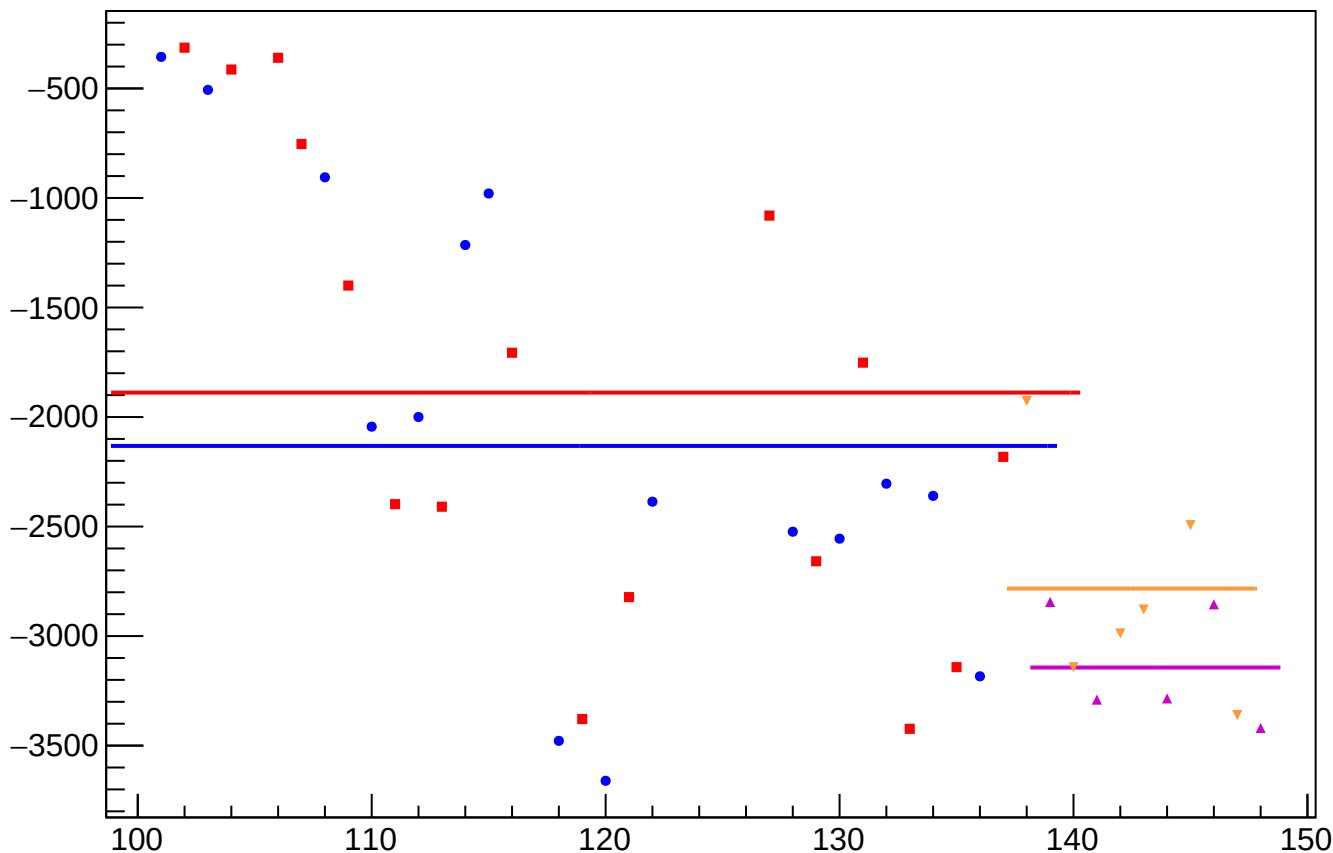
Right In: 173.871+/-0.000 χ^2/NDF : 41705473404466232613073704554990665728.0/14
 Left Out: 60.914+/-0.000 χ^2/NDF : 64063903365626222759645504702775296.0/5
 Right Out: 145.228+/-0.000 χ^2/NDF : 22529615719408594720785265744437837824.0/15
 Left In: 69.486+/-0.000 χ^2/NDF : 126095319545527126331065818960363520.0/4
 All: 122.280+/-0.000 χ^2/NDF : 693069201058
 + sign 128.730+/-0.000 χ^2/NDF : 450787692366453
 - sign 115.877+/-0.000 χ^2/NDF : 241385299706257

dit_sam7_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: 1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

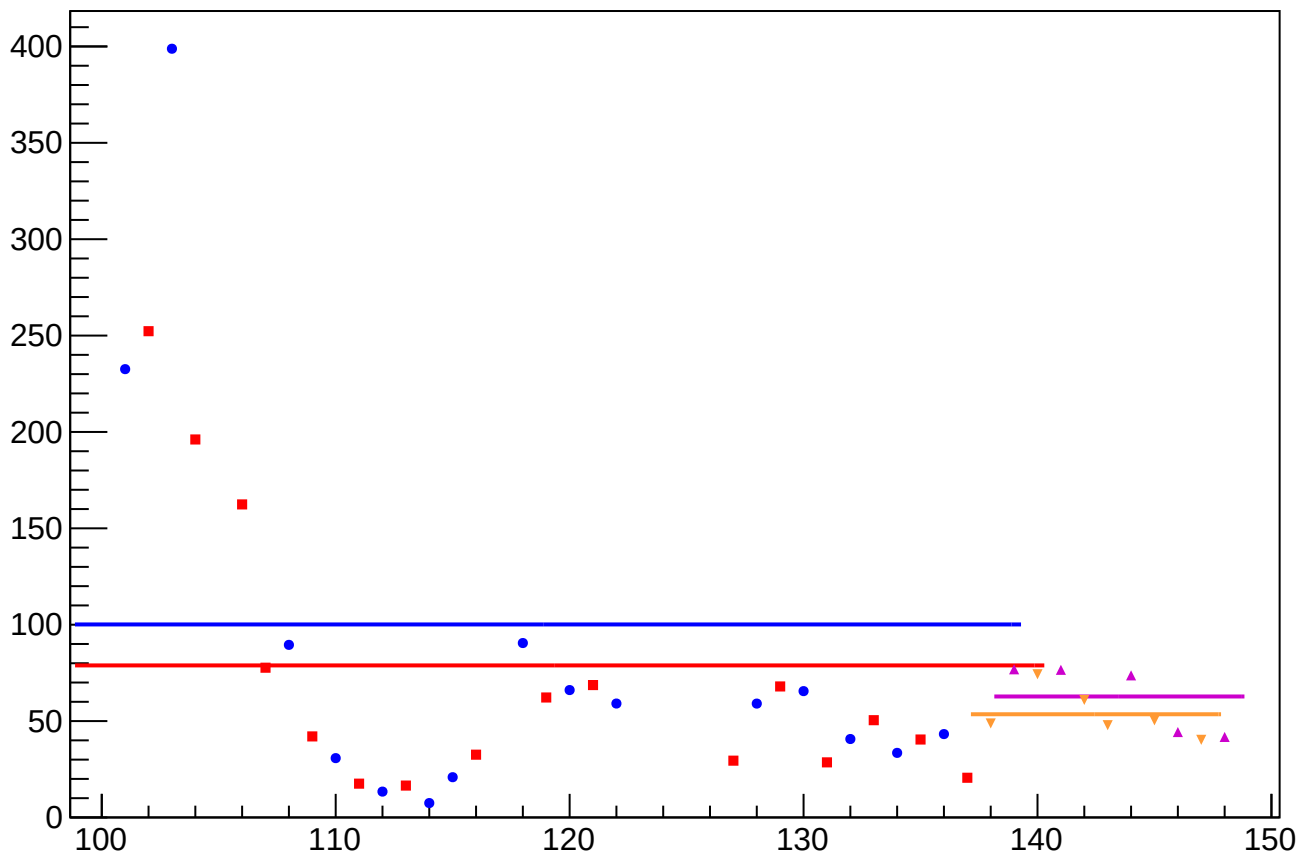
dit_sam8_coil6_mean vs Slug



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: -3143.490+/-0.000	χ^2/NDF : 24159622289341210076988809716829257728.0/4

+ sign -2392.190+/-0.000 χ^2/NDF : 9355369767038
 All: -2383.458+/-0.000 χ^2/NDF : 2158971811
 - sign -2374.791+/-0.000 χ^2/NDF : 12232706205242

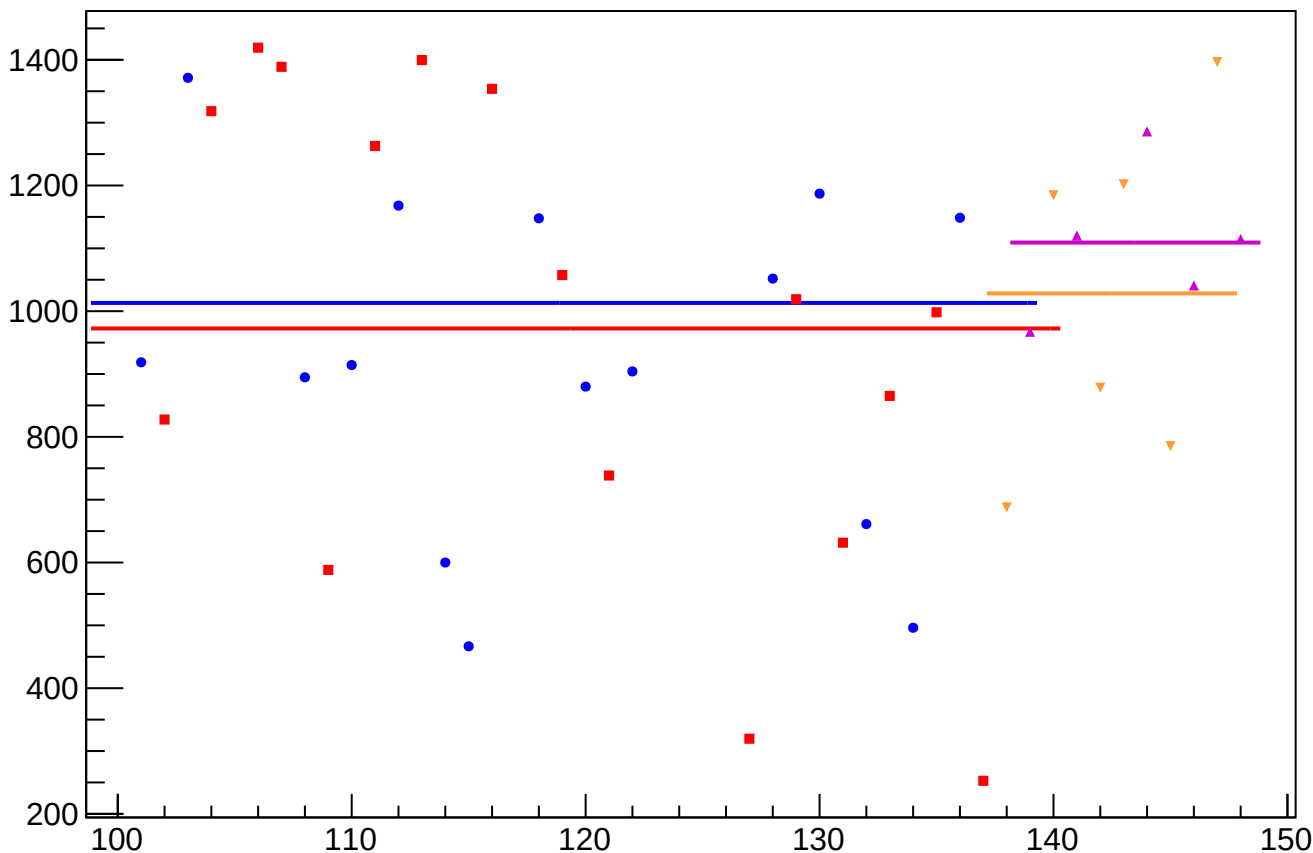
dit_sam8_coil6_err_mean vs Slug



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: 62.762+/-0.000	χ^2/NDF : 108320738095506399114344916534165504.0/4

+ sign 81.516+/-0.000 χ^2/NDF : 8433260818397459
 All: 77.059+/-0.000 χ^2/NDF : 1217665067034
 - sign 72.635+/-0.000 χ^2/NDF : 3700602702710026

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

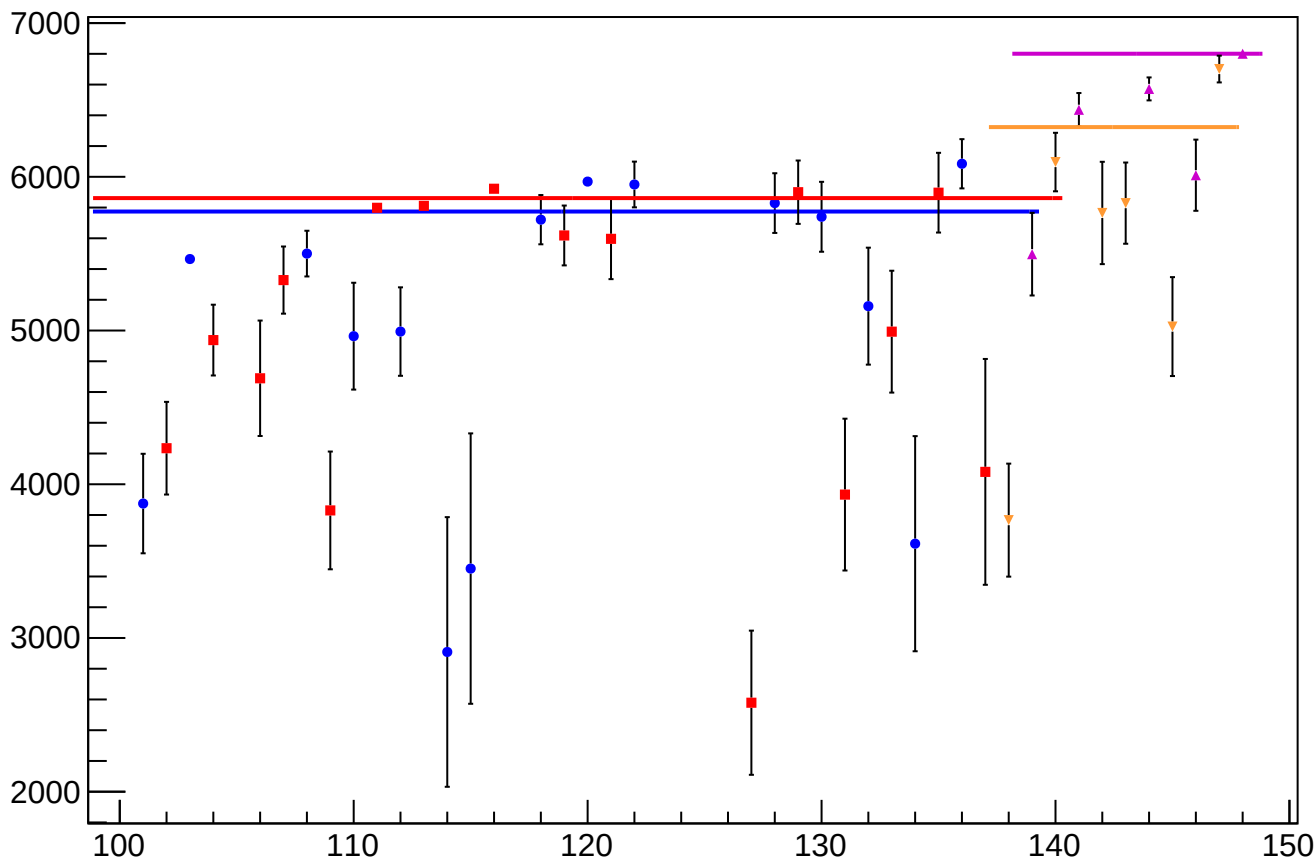
Left In: 1109.223+/-0.000 χ^2/NDF : 4817993088270685914681345107212369920.0/4

+ sign 1019.203+/-0.000 χ^2/NDF : 61246811028389

All: 1022.343+/-0.000 χ^2/NDF : 14980460463

- sign 1025.460+/-0.000 χ^2/NDF : 88536551817799

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

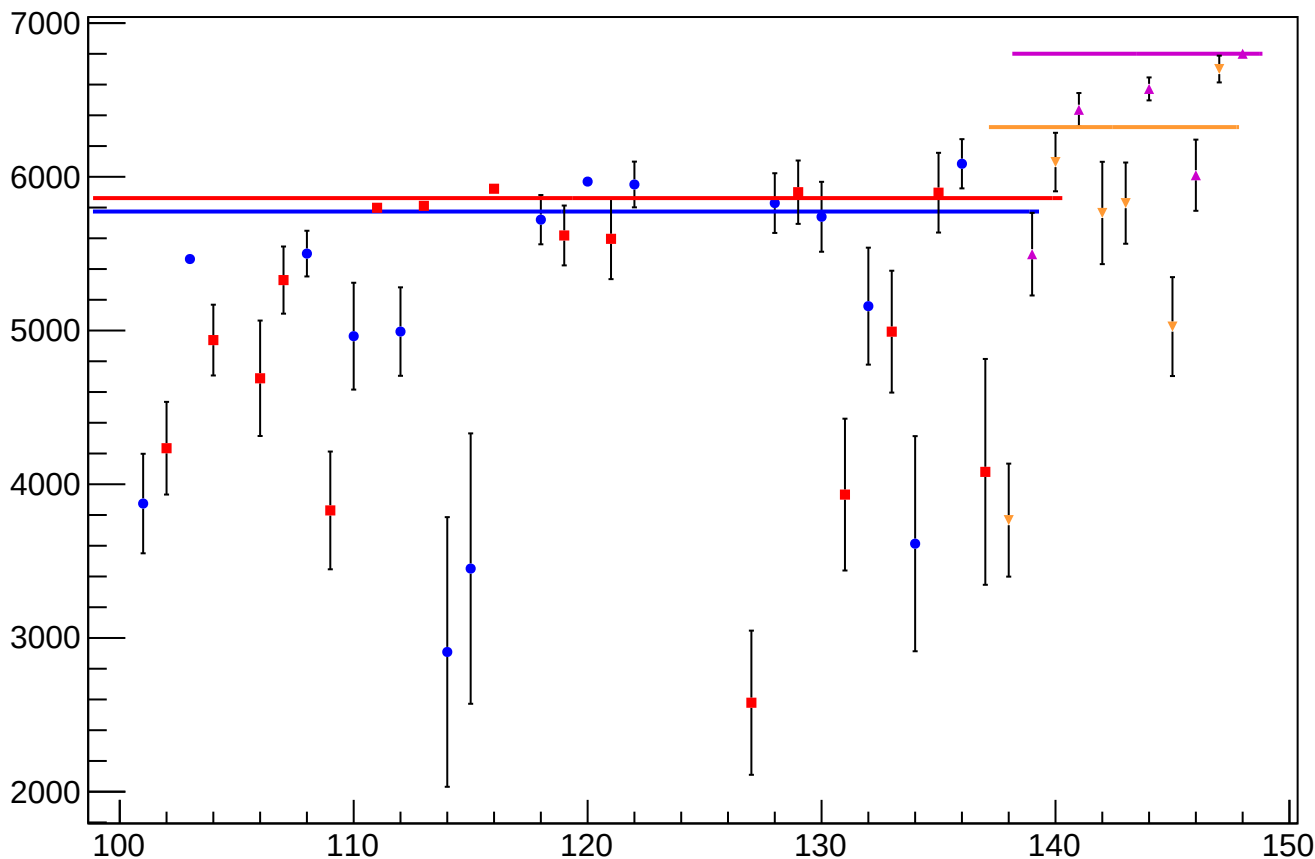
Left In: 6800.628 $\pm$ 0.382 χ^2 /NDF: 55.8/4

+ sign 5774.120 $\pm$ 0.181 χ^2 /NDF: 1828678.1/20

All: 5904.058 $\pm$ 0.106 χ^2 /NDF: 8113226.1/41

- sign 5971.897 $\pm$ 0.131 χ^2 /NDF: 5504050.7/20

dit_run_rms 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

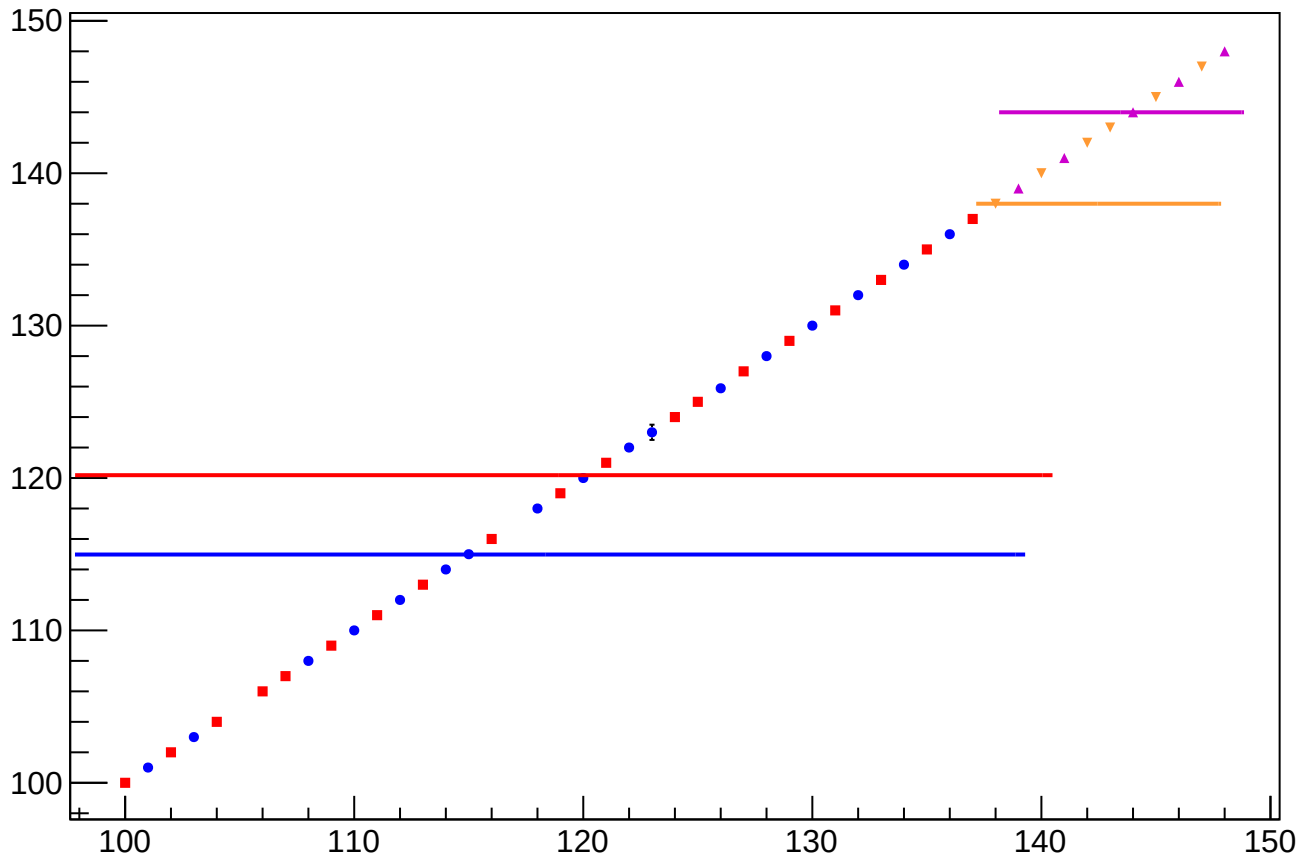
Left In: 6800.628 $\pm$ 0.382 χ^2 /NDF:55.8/4

+ sign 5774.120 $\pm$ 0.181 χ^2 /NDF: 1828678.1/20

All: 5904.058 $\pm$ 0.106 χ^2 /NDF: 8113226.1/41

- sign 5971.897 $\pm$ 0.131 χ^2 /NDF: 5504050.7/20

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

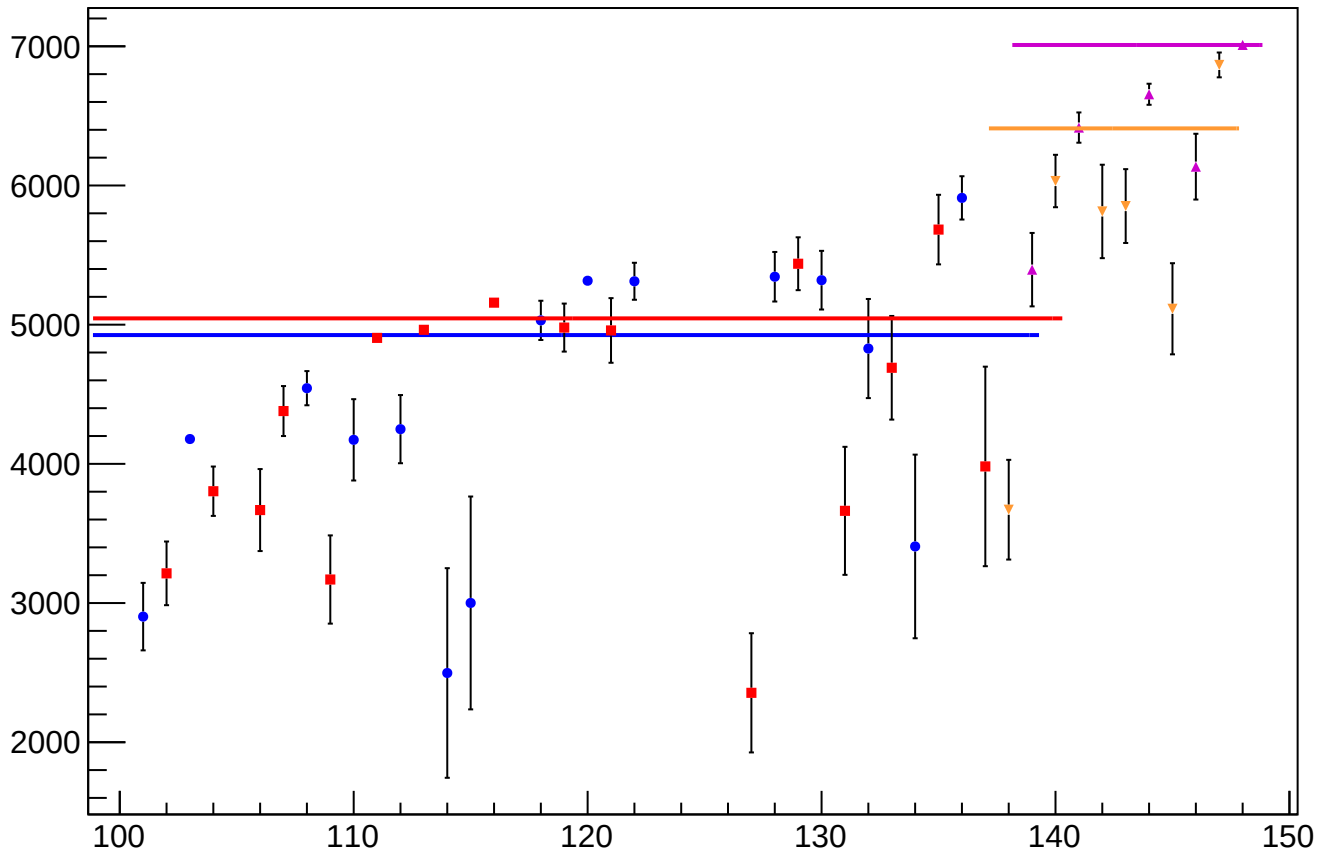
Left In: 144.000+/-0.000 χ^2/NDF : 4466.0/4

+ sign 116.377+/-0.000 χ^2/NDF : 159793237837416

All: 118.926+/-0.000 χ^2/NDF : 29233096299

- sign 122.504+/-0.000 χ^2/NDF : 107997867116813

dit_cyclenum_mean vs Slug



Right In: 4925.305 ± 0.939 $\chi^2/\text{NDF}: 330994.6/14$

Left Out: 6410.179 ± 71.774 $\chi^2/\text{NDF}: 111.9/5$

Right Out: 5045.221 ± 0.668 $\chi^2/\text{NDF}: 30179.9/15$

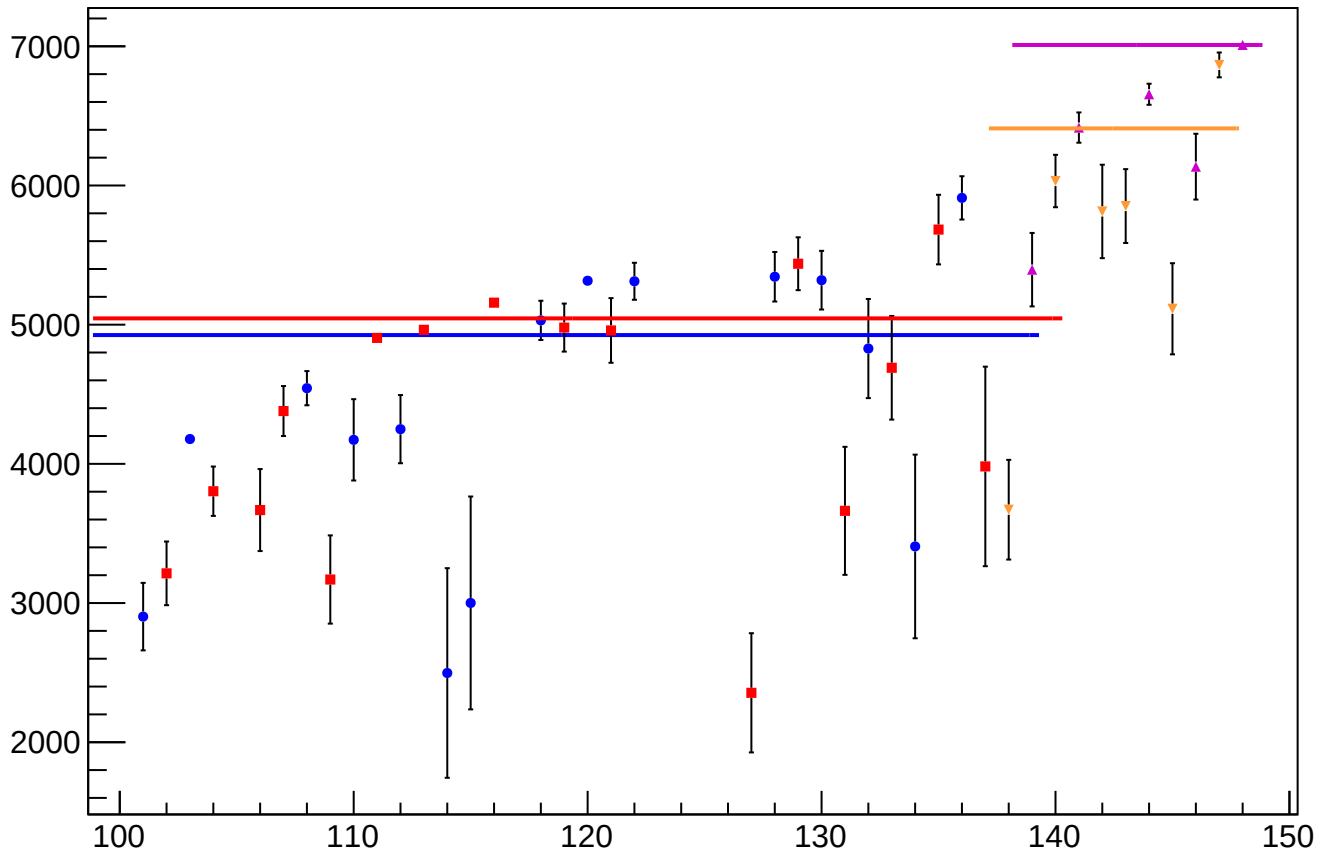
Left In: 7009.459 ± 1.764 $\chi^2/\text{NDF}: 102.9/4$

+ sign 4925.559 ± 0.939 $\chi^2/\text{NDF}: 331534.4/20$

All: 5179.207 ± 0.520 $\chi^2/\text{NDF}: 1551862.4/41$

- sign 5291.515 ± 0.625 $\chi^2/\text{NDF}: 1114966.9/20$

dit_cyclenum_rms vs Slug



Right In: 4925.305 ± 0.939 $\chi^2/\text{NDF}: 330994.6/14$

Left Out: 6410.179 ± 71.774 $\chi^2/\text{NDF}: 111.9/5$

Right Out: 5045.221 ± 0.668 $\chi^2/\text{NDF}: 30179.9/15$

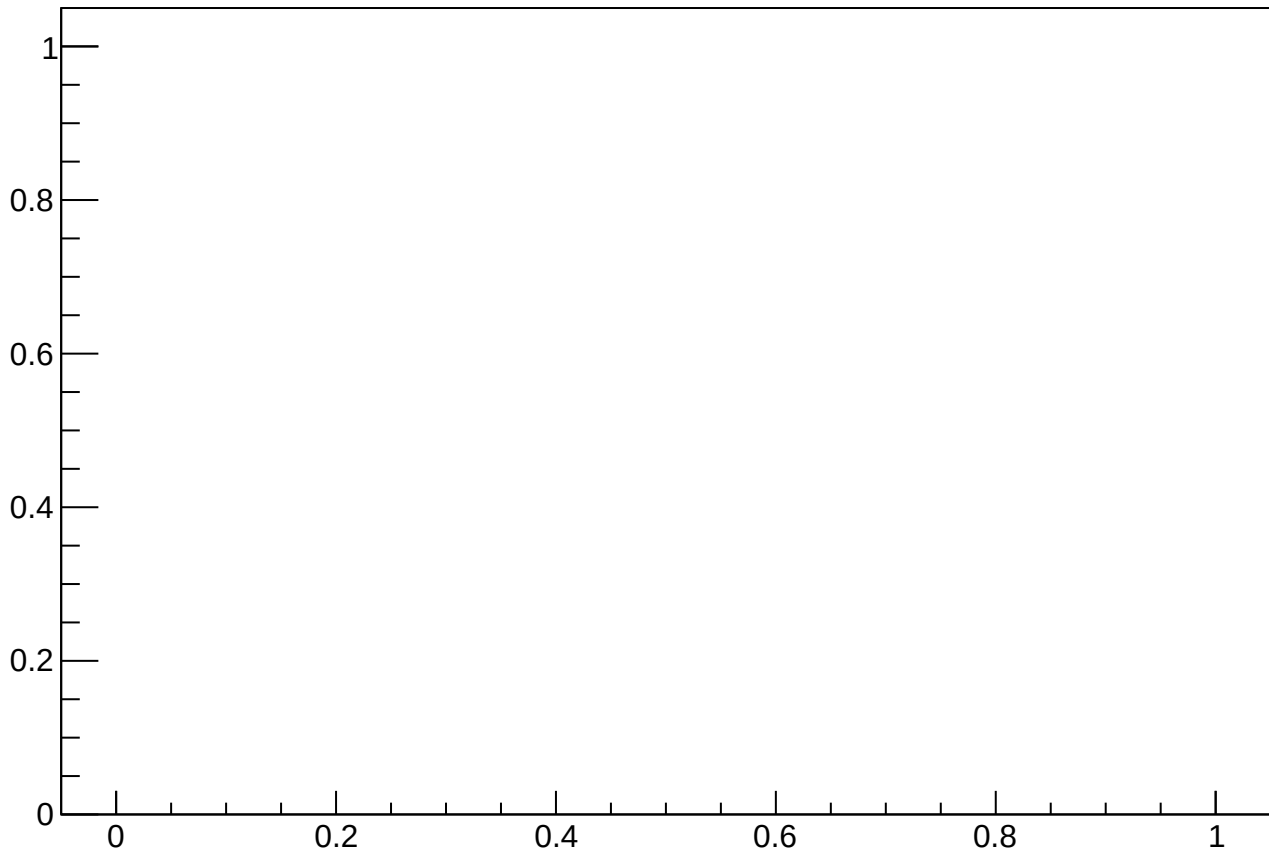
Left In: 7009.459 ± 1.764 $\chi^2/\text{NDF}: 102.9/4$

+ sign 4925.559 ± 0.939 $\chi^2/\text{NDF}: 331534.4/20$

All: 5179.207 ± 0.520 $\chi^2/\text{NDF}: 1551862.4/41$

- sign 5291.515 ± 0.625 $\chi^2/\text{NDF}: 1114966.9/20$

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 $\pm$ 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

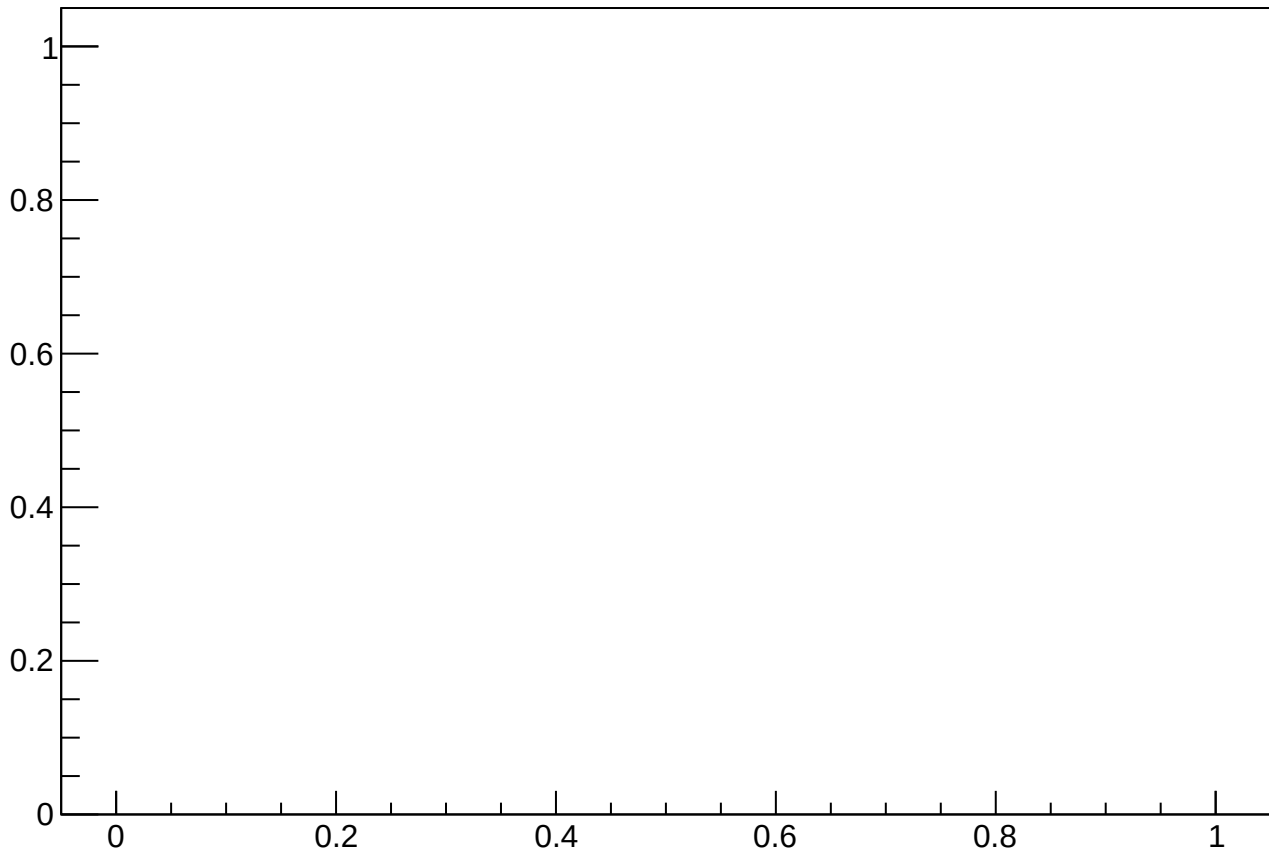
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ 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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

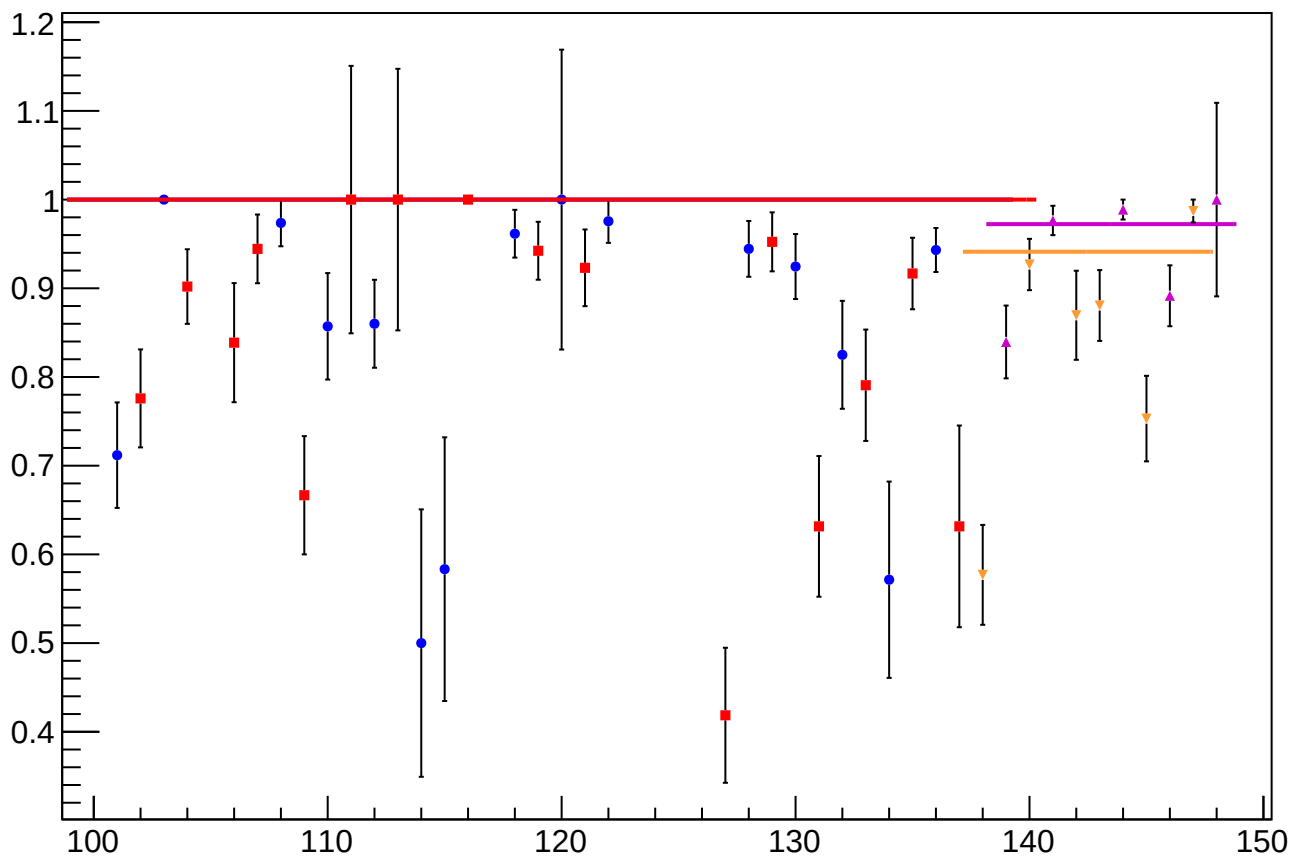
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug



Right In: 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

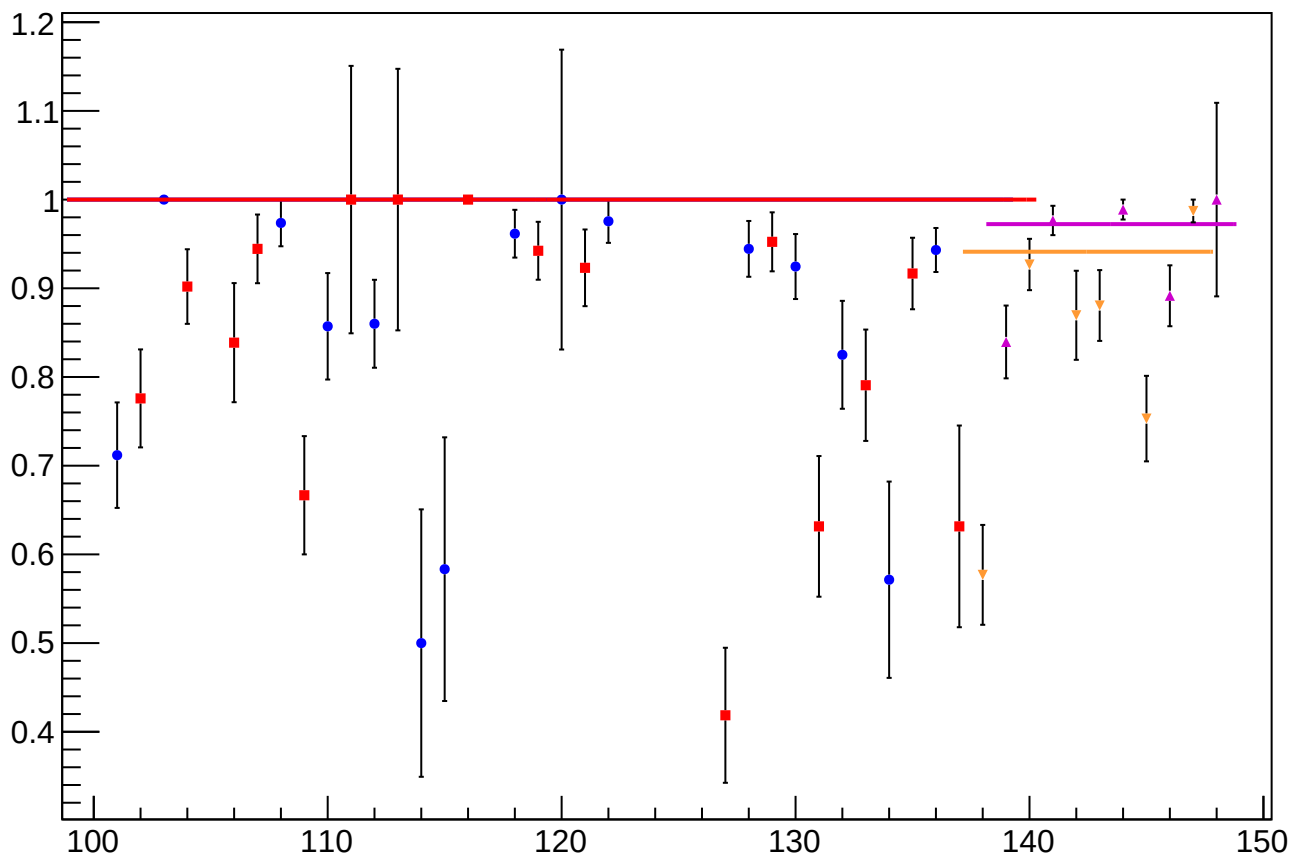
Left In: 0.972 $\pm$ 0.009 χ^2 /NDF: 18.3/4

+ sign 1.000 $\pm$ 0.000 χ^2 /NDF: 201.7/20

All: 1.000 $\pm$ 0.000 χ^2 /NDF: 481.8/41

- sign 1.000 $\pm$ 0.000 χ^2 /NDF: 197.2/20

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

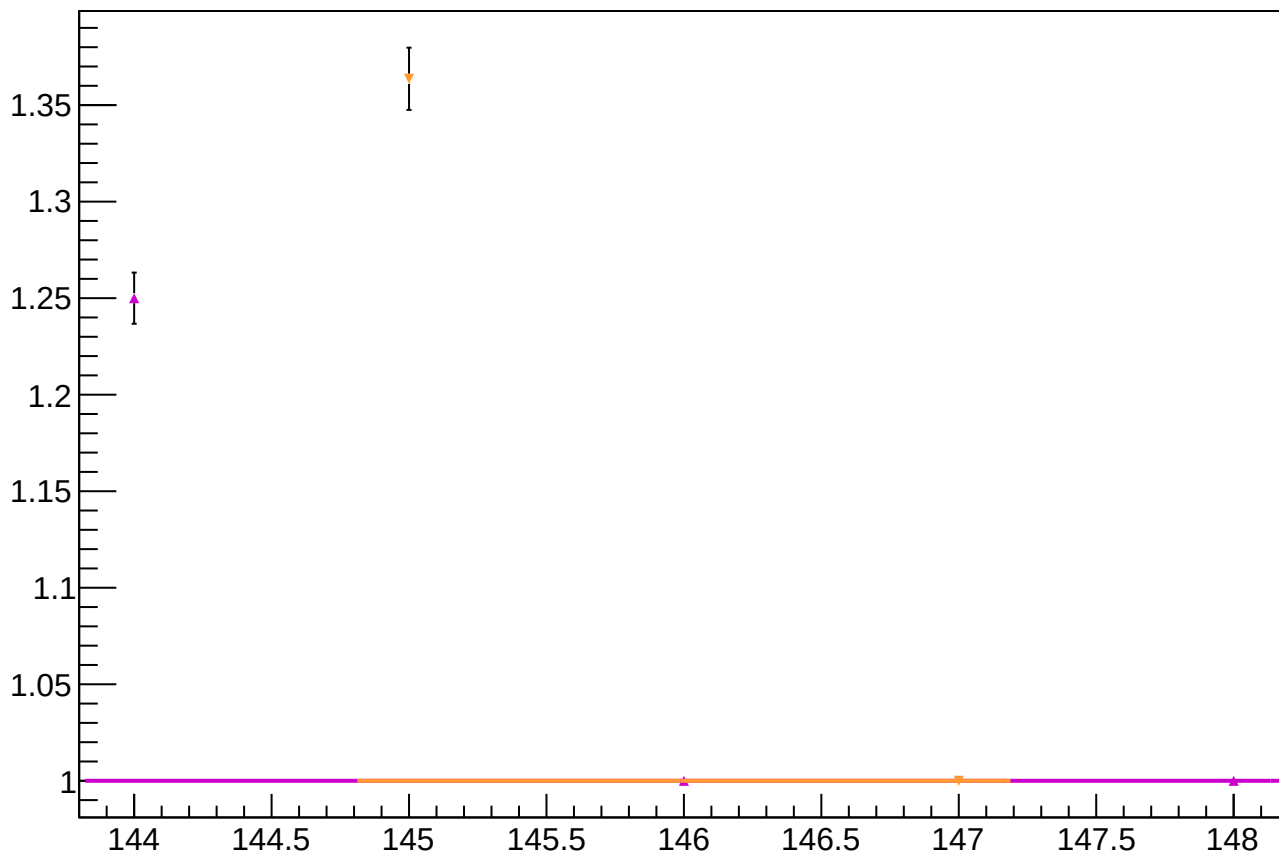
Left In: 0.972 $\pm$ 0.009 χ^2/NDF : 18.3/4

+ sign 1.000 $\pm$ 0.000 χ^2/NDF : 201.7/20

All: 1.000 $\pm$ 0.000 χ^2/NDF : 481.8/41

- sign 1.000 $\pm$ 0.000 χ^2/NDF : 197.2/20

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

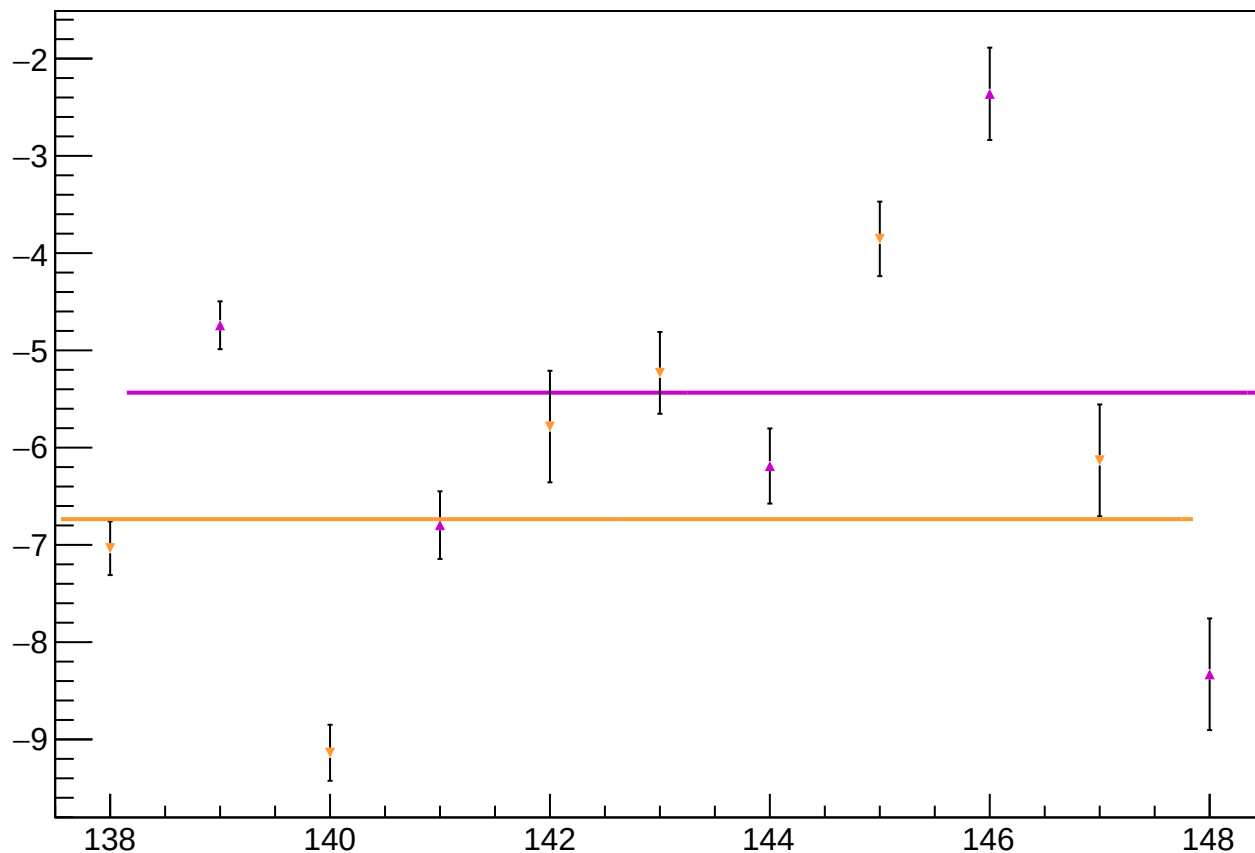
Left In: 1.000+/-0.000 χ^2/NDF : 2012.0/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.000+/-0.000 χ^2/NDF : 3686.7/4

- 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

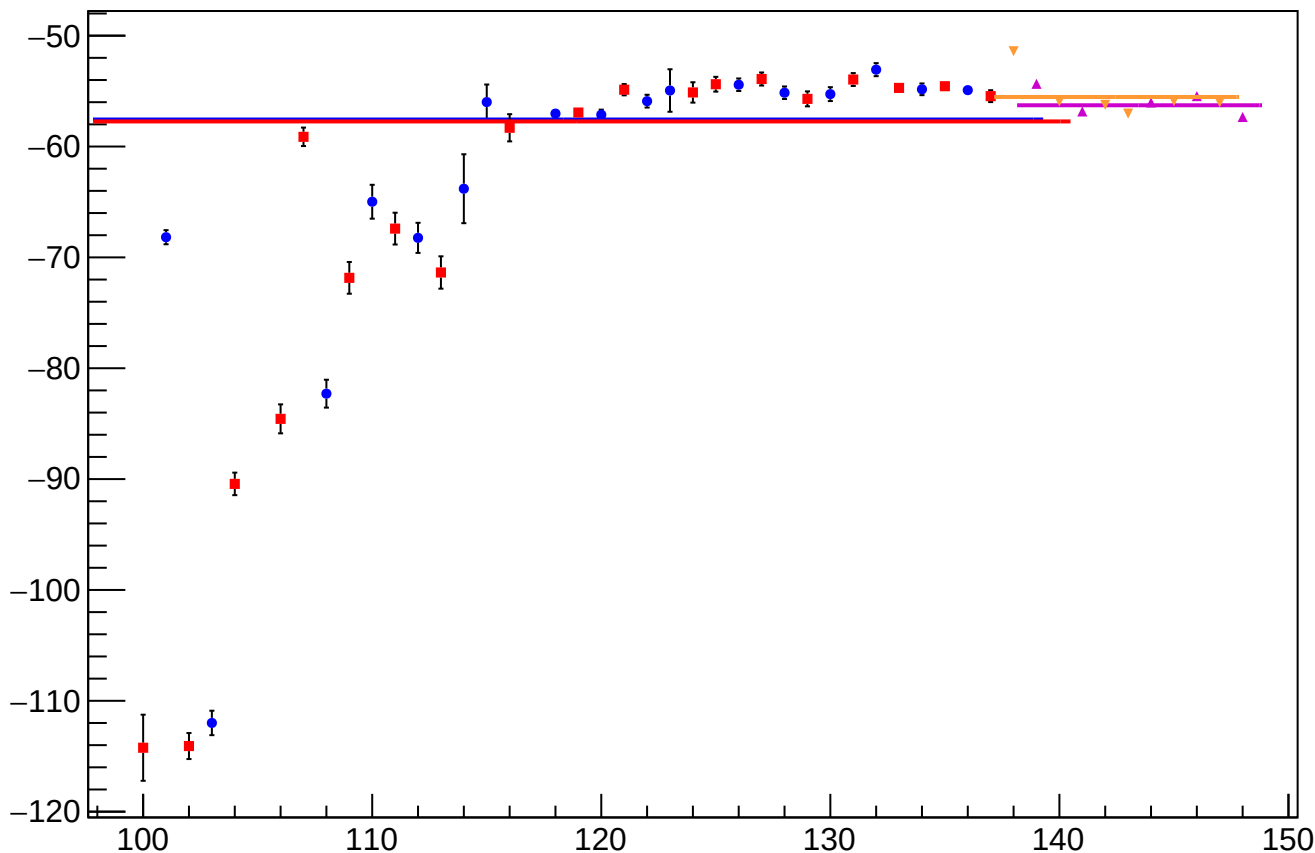
Left In: -5.435+/-0.160 χ^2/NDF :94.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

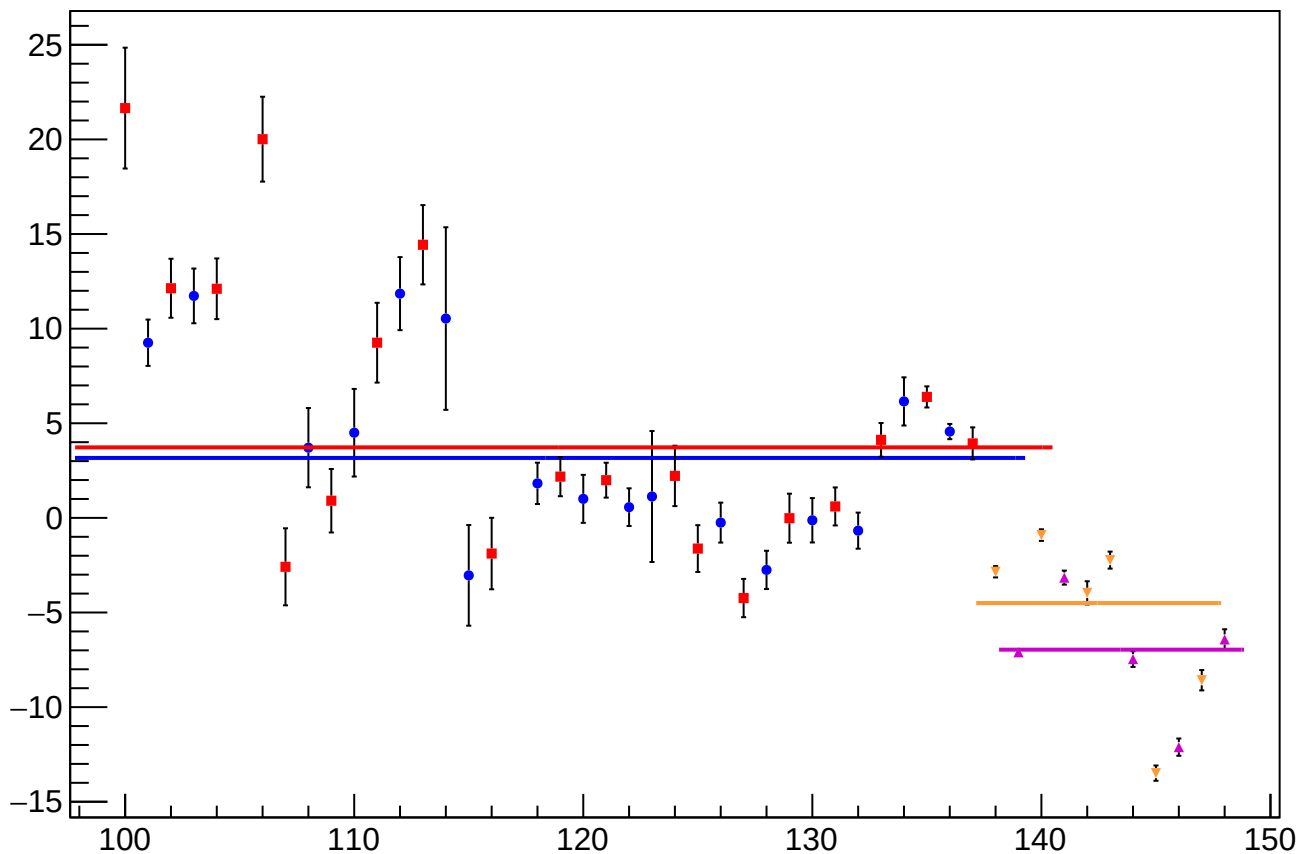
All: -6.122+/-0.110 χ^2/NDF : 273.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.168 ± 0.258 χ^2/NDF : 186.2/16

Left Out: -4.499 ± 0.160 χ^2/NDF : 745.2/5

Right Out: 3.726 ± 0.267 χ^2/NDF : 323.3/18

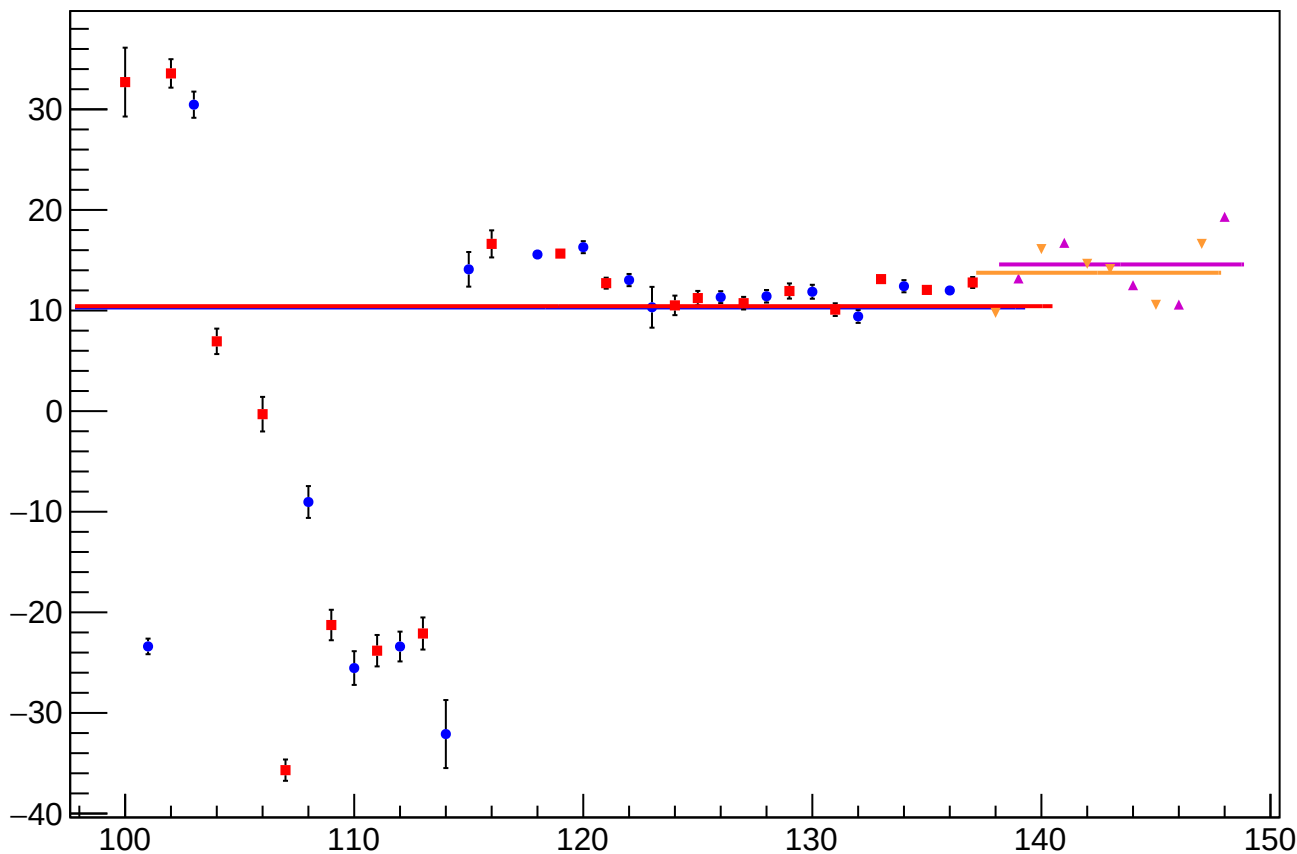
Left In: -6.963 ± 0.168 χ^2/NDF : 236.5/4

+ sign -2.360 ± 0.136 χ^2/NDF : 1569.5/22

All: -3.117 ± 0.098 χ^2/NDF : 3342.6/46

- sign -3.941 ± 0.142 χ^2/NDF : 1708.5/23

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.306+/-0.157 χ^2 /NDF: 3712.3/16

Left Out: 13.756+/-0.145 χ^2 /NDF:332.3/5

Right Out: 10.433+/-0.160 χ^2 /NDF: 3828.5/18

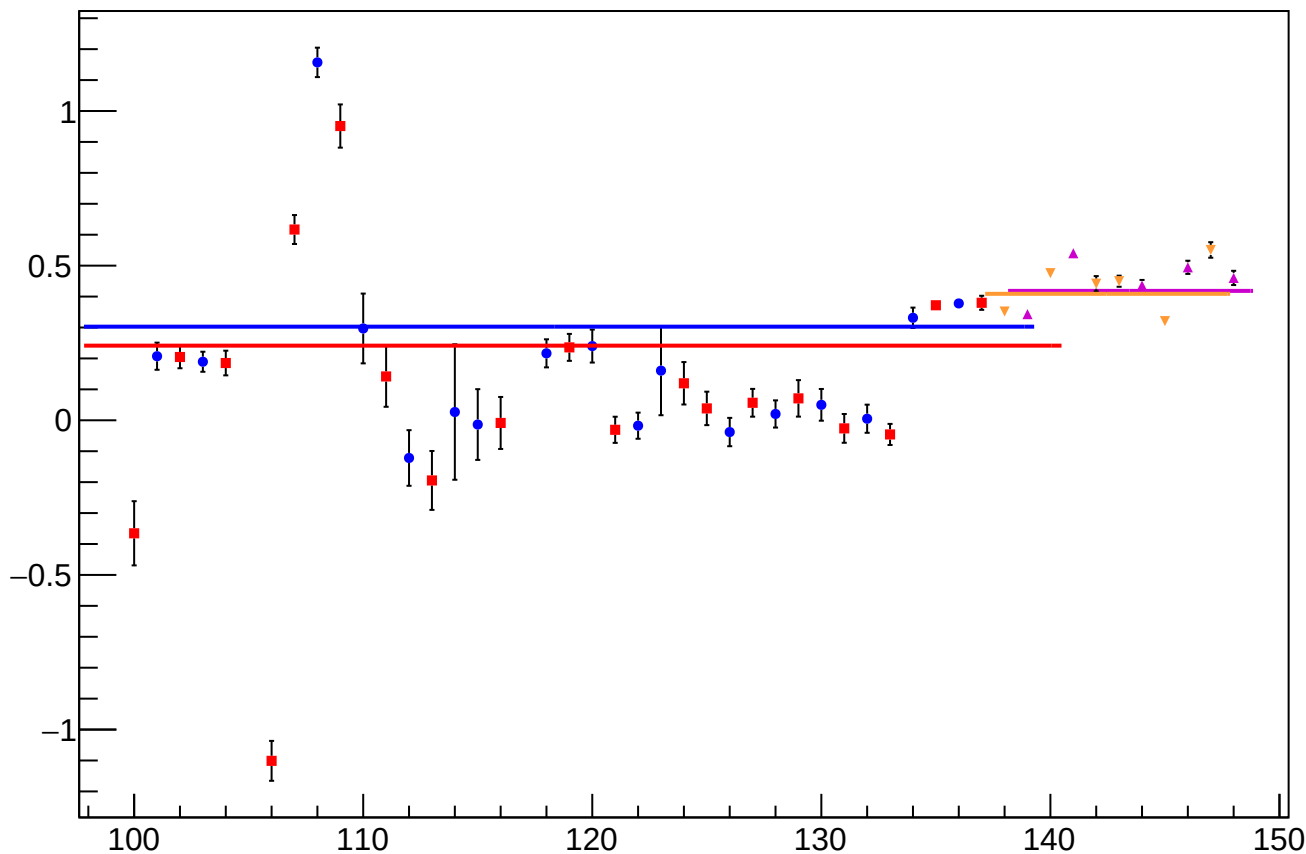
Left In: 14.582+/-0.160 χ^2 /NDF:356.3/4

+ sign 12.168+/-0.106 χ^2 /NDF: 4306.0/22

All: 12.329+/-0.077 χ^2 /NDF: 8832.8/46

- sign 12.510+/-0.113 χ^2 /NDF: 4521.9/23

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

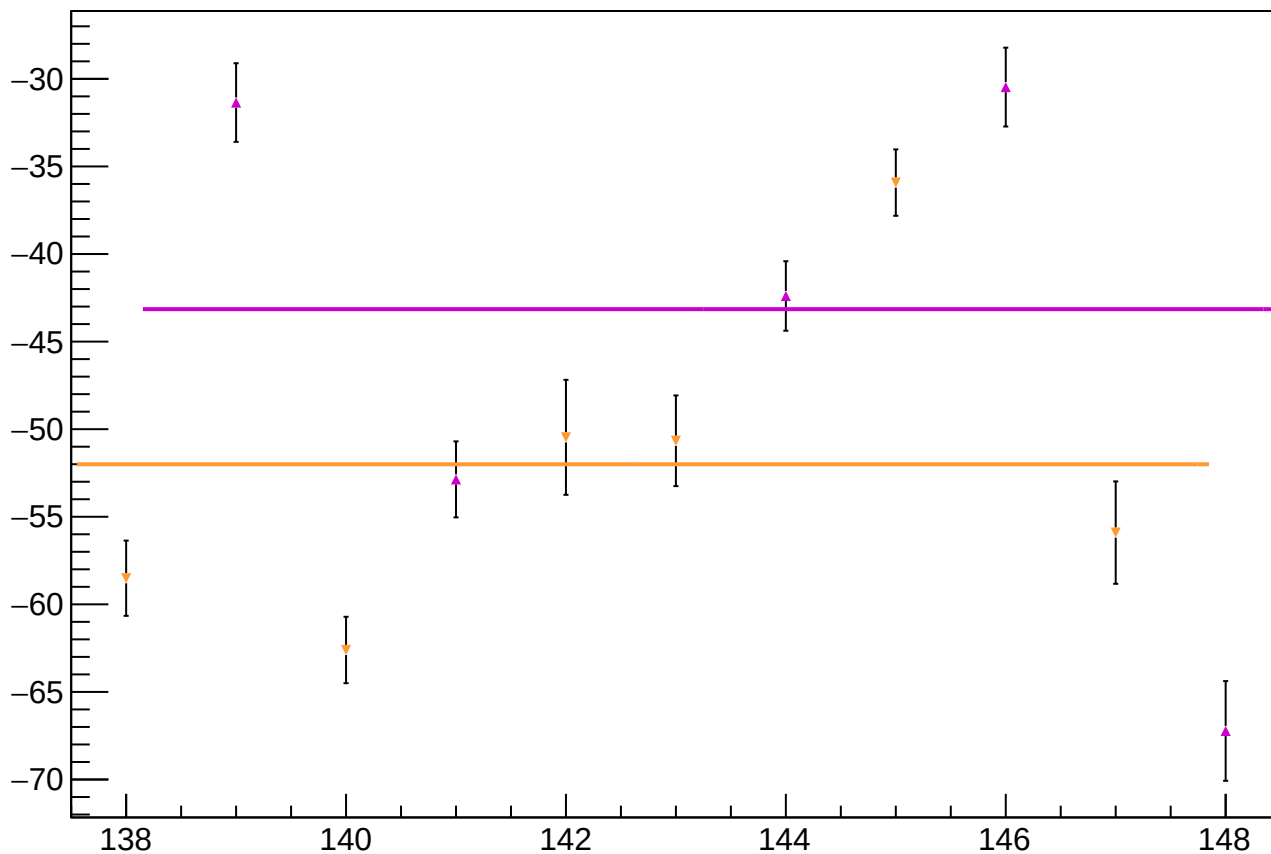
Left In: 0.418 $\pm$ 0.007 χ^2 /NDF:148.1/4

+ sign 0.368 $\pm$ 0.005 χ^2 /NDF: 869.2/22

All: 0.360 $\pm$ 0.004 χ^2 /NDF: 2280.1/46

- sign 0.352 $\pm$ 0.005 χ^2 /NDF: 1406.1/23

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

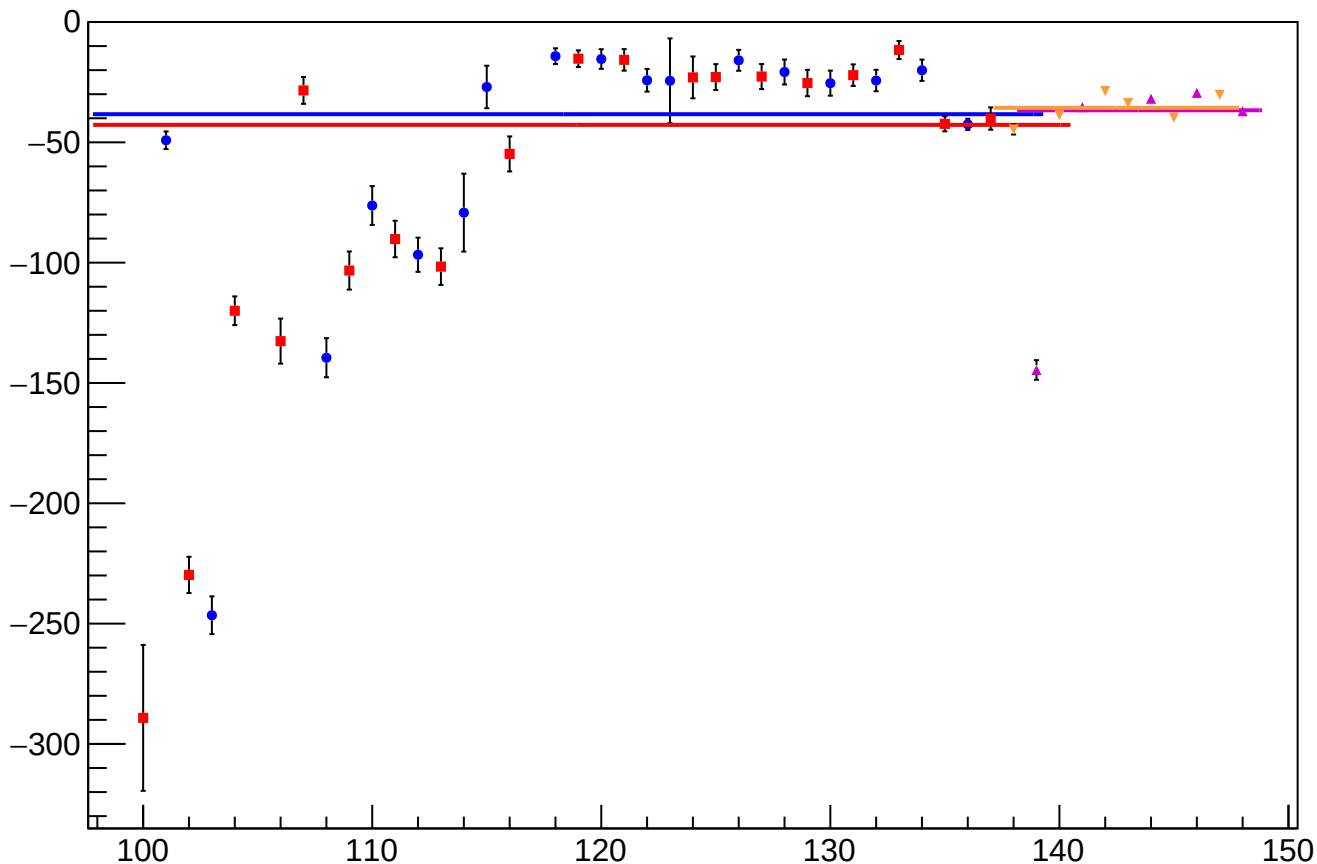
Left In: -43.148+/-1.007 χ^2/NDF : 151.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.882+/-0.687 χ^2/NDF : 307.1/10

- 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 $\chi^2/\text{NDF}: 1341.6/18$

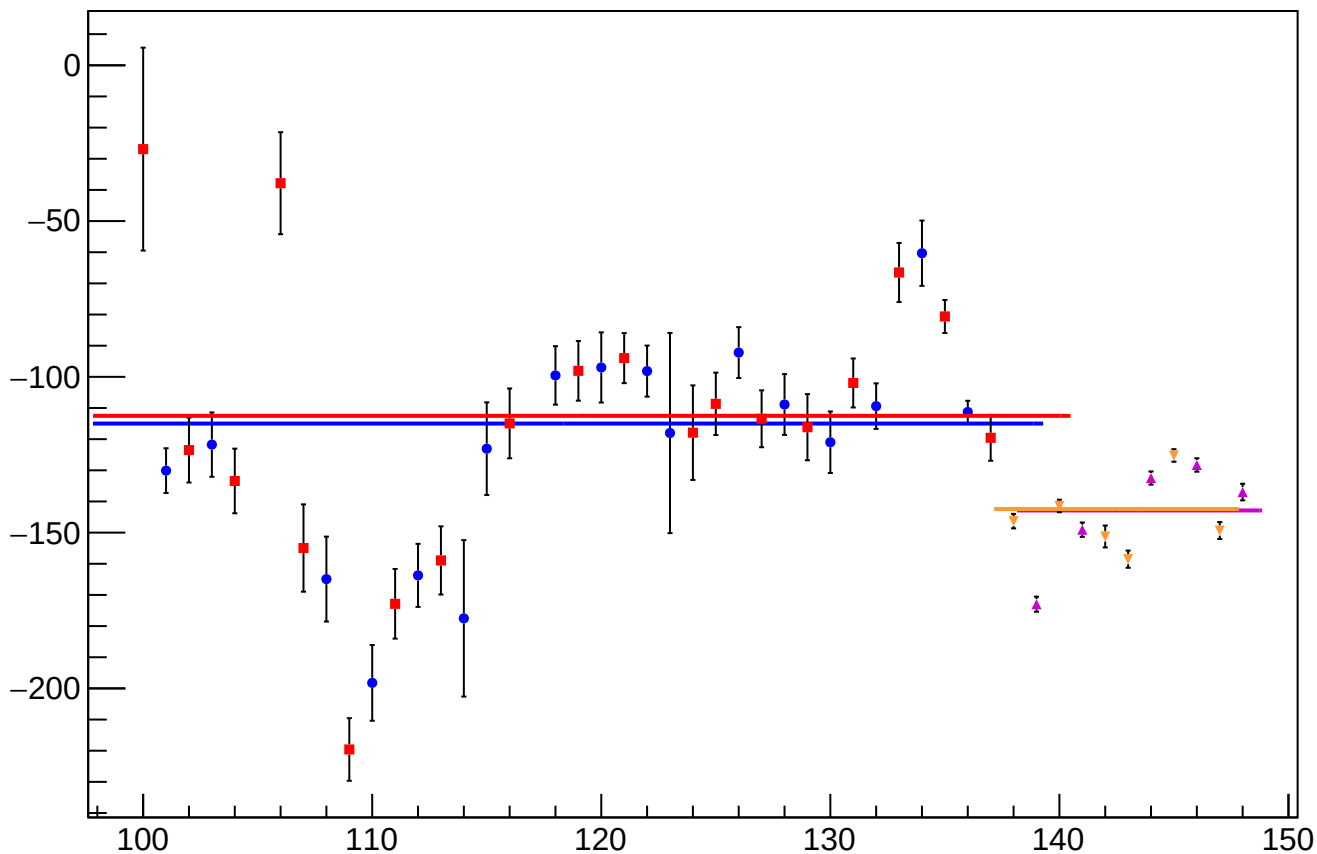
Left In: -36.681 ± 0.705 $\chi^2/\text{NDF}: 742.2/4$

+ sign -36.368 ± 0.586 $\chi^2/\text{NDF}: 1193.4/22$

All: -37.257 ± 0.422 $\chi^2/\text{NDF}: 3300.8/46$

- sign -38.218 ± 0.609 $\chi^2/\text{NDF}: 2102.6/23$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -114.996 ± 2.072 χ^2/NDF : 141.8/16

Left Out: -142.428 ± 0.989 χ^2/NDF : 122.3/5

Right Out: -112.510 ± 2.207 χ^2/NDF : 273.1/18

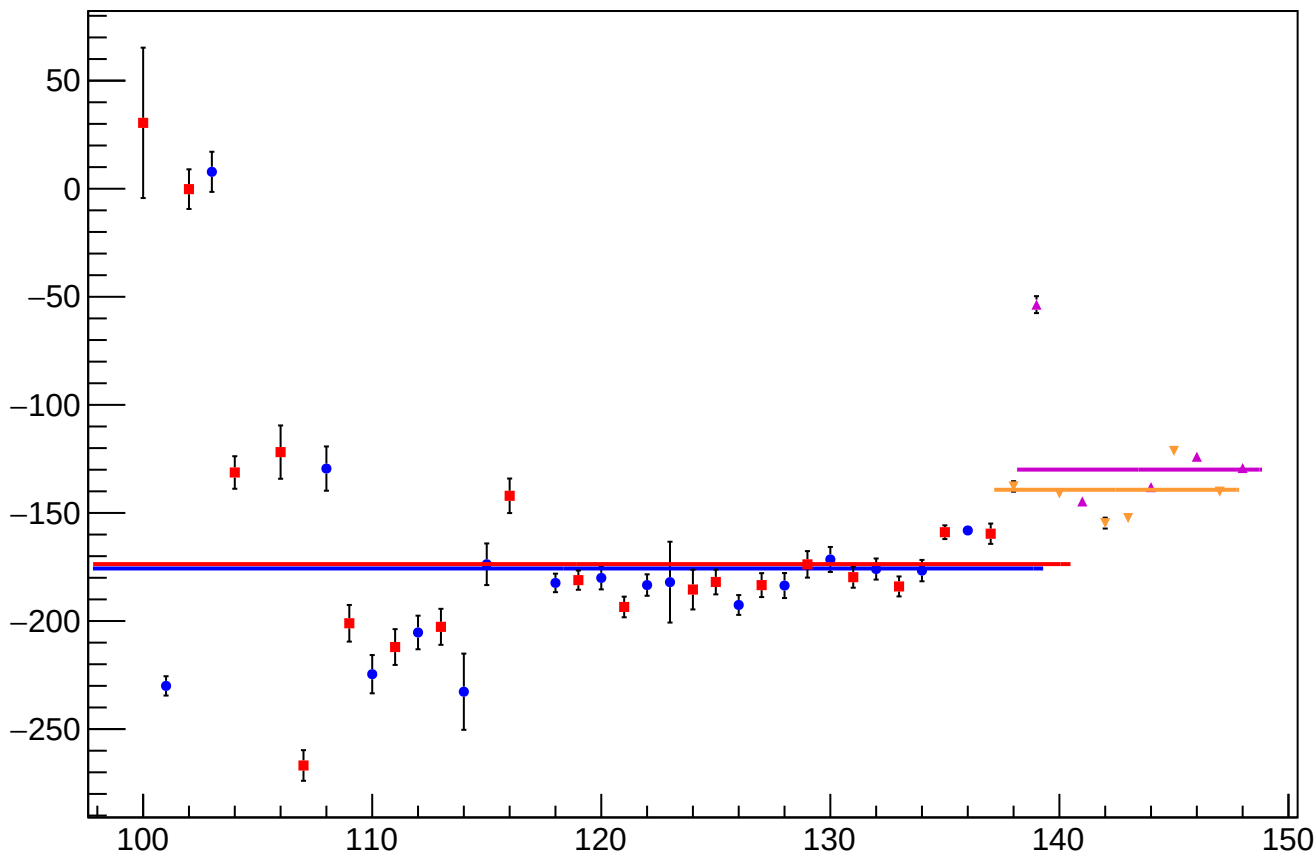
Left In: -142.885 ± 1.035 χ^2/NDF : 235.4/4

+ sign -137.337 ± 0.893 χ^2/NDF : 406.8/22

All: -137.371 ± 0.646 χ^2/NDF : 1070.6/46

- sign -137.409 ± 0.937 χ^2/NDF : 663.8/23

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

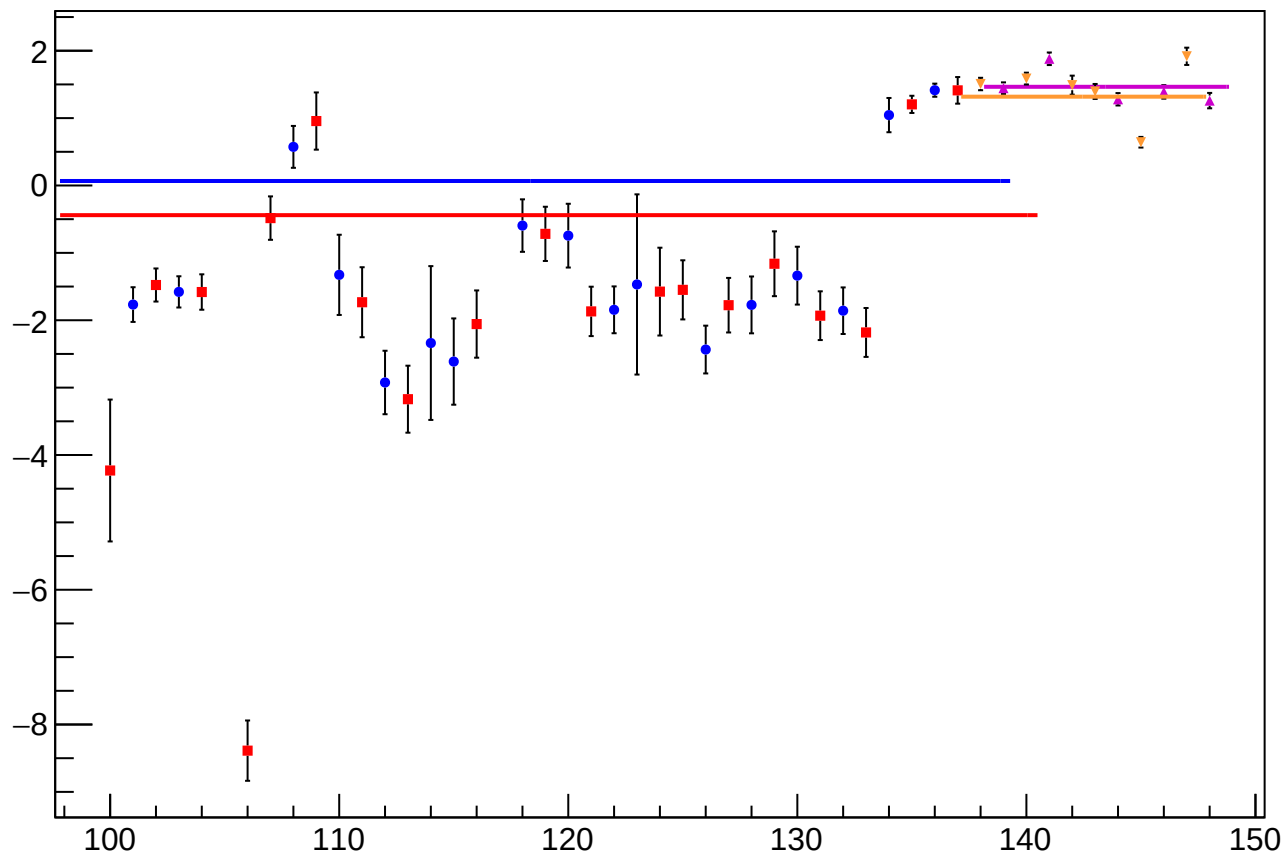
Left In: -129.951 ± 0.876 χ^2/NDF : 476.5/4

+ sign -150.331 ± 0.698 χ^2/NDF : 1448.3/22

All: -146.772 ± 0.507 χ^2/NDF : 3450.7/46

- sign -142.823 ± 0.736 χ^2/NDF : 1947.7/23

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.067 ± 0.067 χ^2/NDF : 526.1/16

Left Out: 1.318 ± 0.041 χ^2/NDF : 110.4/5

Right Out: -0.440 ± 0.071 χ^2/NDF : 754.9/18

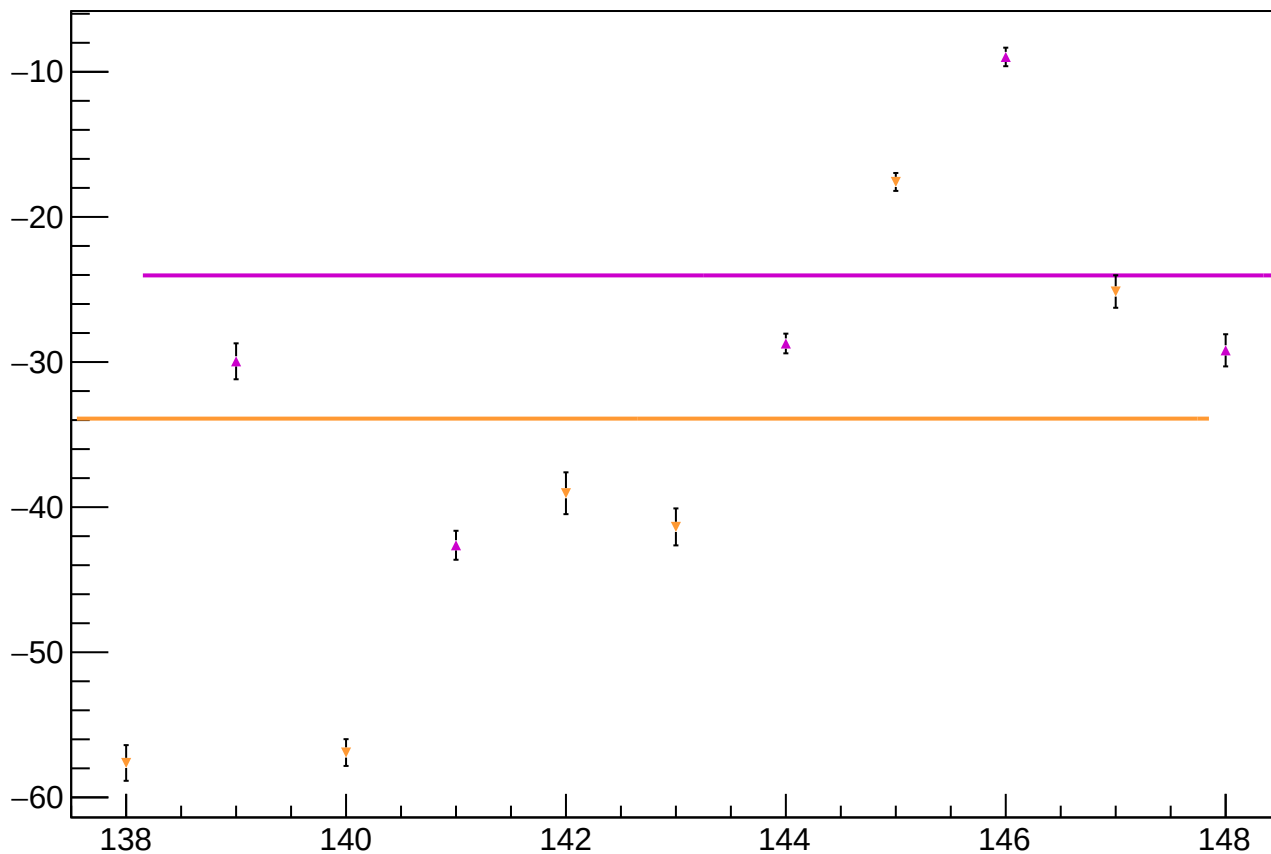
Left In: 1.465 ± 0.043 χ^2/NDF : 27.8/4

+ sign 0.979 ± 0.035 χ^2/NDF : 890.9/22

All: 0.968 ± 0.025 χ^2/NDF : 2200.2/46

- sign 0.957 ± 0.037 χ^2/NDF : 1309.1/23

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

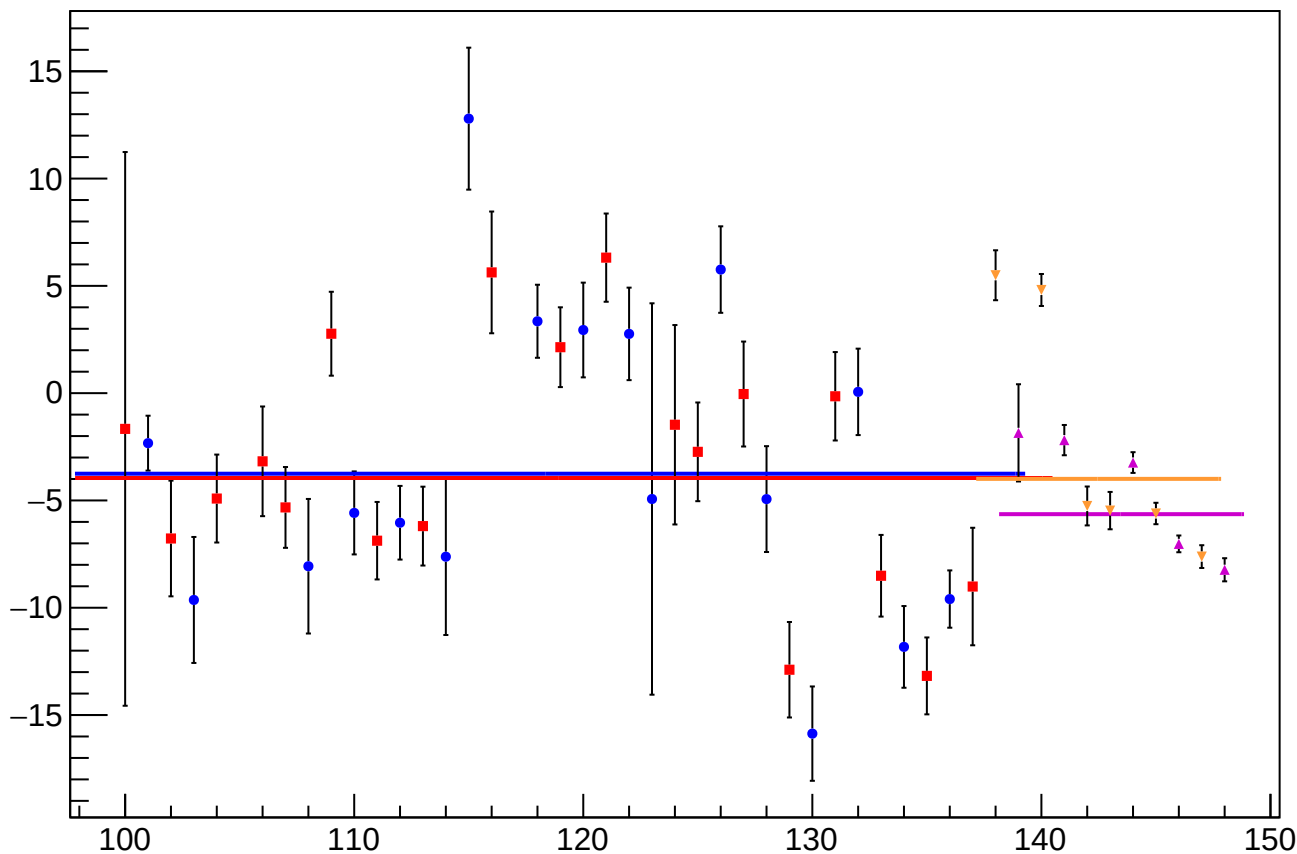
Left In: -24.030+/-0.375 χ^2/NDF : 995.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.692+/-0.273 χ^2/NDF : 3123.0/10

- 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 $\chi^2/\text{NDF}: 165.3/16$

Left Out: -3.994 ± 0.281 $\chi^2/\text{NDF}: 267.8/5$

Right Out: -3.954 ± 0.507 $\chi^2/\text{NDF}: 123.3/18$

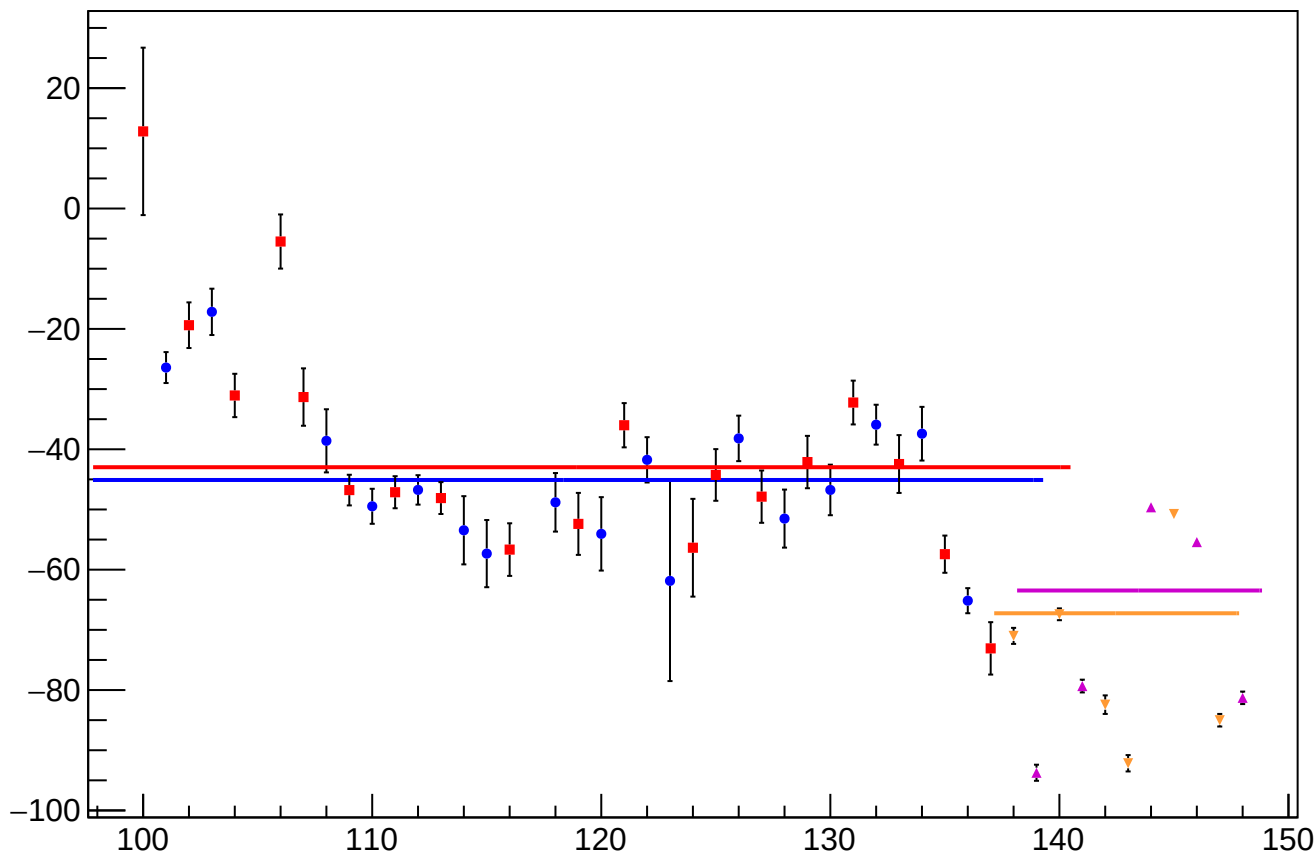
Left In: -5.639 ± 0.246 $\chi^2/\text{NDF}: 87.2/4$

+ sign -3.936 ± 0.245 $\chi^2/\text{NDF}: 433.3/22$

All: -4.695 ± 0.164 $\chi^2/\text{NDF}: 670.4/46$

- sign -5.318 ± 0.221 $\chi^2/\text{NDF}: 219.5/23$

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

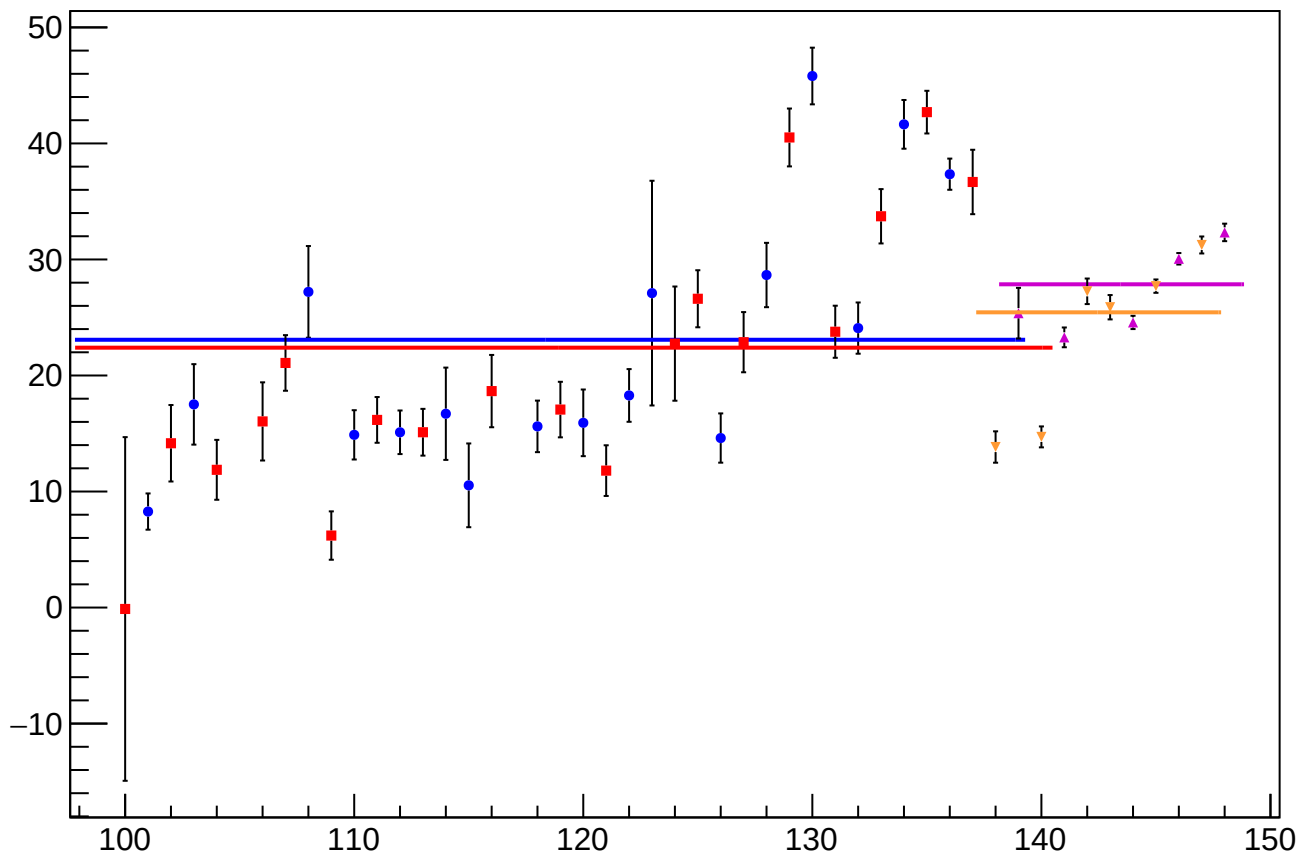
Left In: -63.461 ± 0.380 χ^2/NDF : 1564.0/4

+ sign -63.220 ± 0.376 χ^2/NDF : 2109.6/22

All: -61.612 ± 0.256 χ^2/NDF : 4415.5/46

- sign -60.225 ± 0.349 χ^2/NDF : 2271.7/23

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

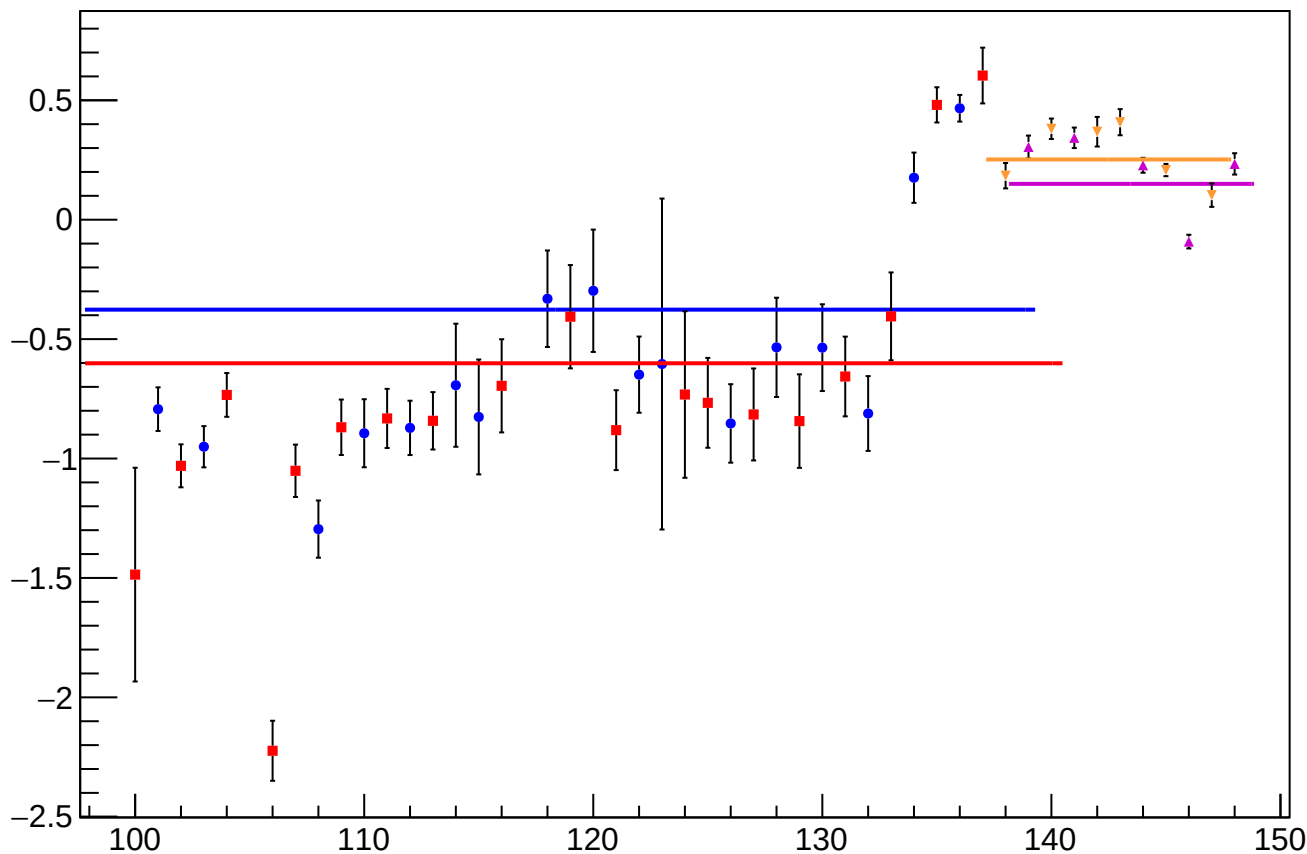
Left In: 27.859 $\pm$ 0.309 χ^2 /NDF: 117.9/4

+ sign 24.785 $\pm$ 0.293 χ^2 /NDF: 770.5/22

All: 25.776 $\pm$ 0.199 χ^2 /NDF: 1350.4/46

- sign 26.627 $\pm$ 0.272 χ^2 /NDF: 558.7/23

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.377 ± 0.030 χ^2/NDF : 437.1/16

Left Out: 0.252 ± 0.017 χ^2/NDF : 34.5/5

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.6/18

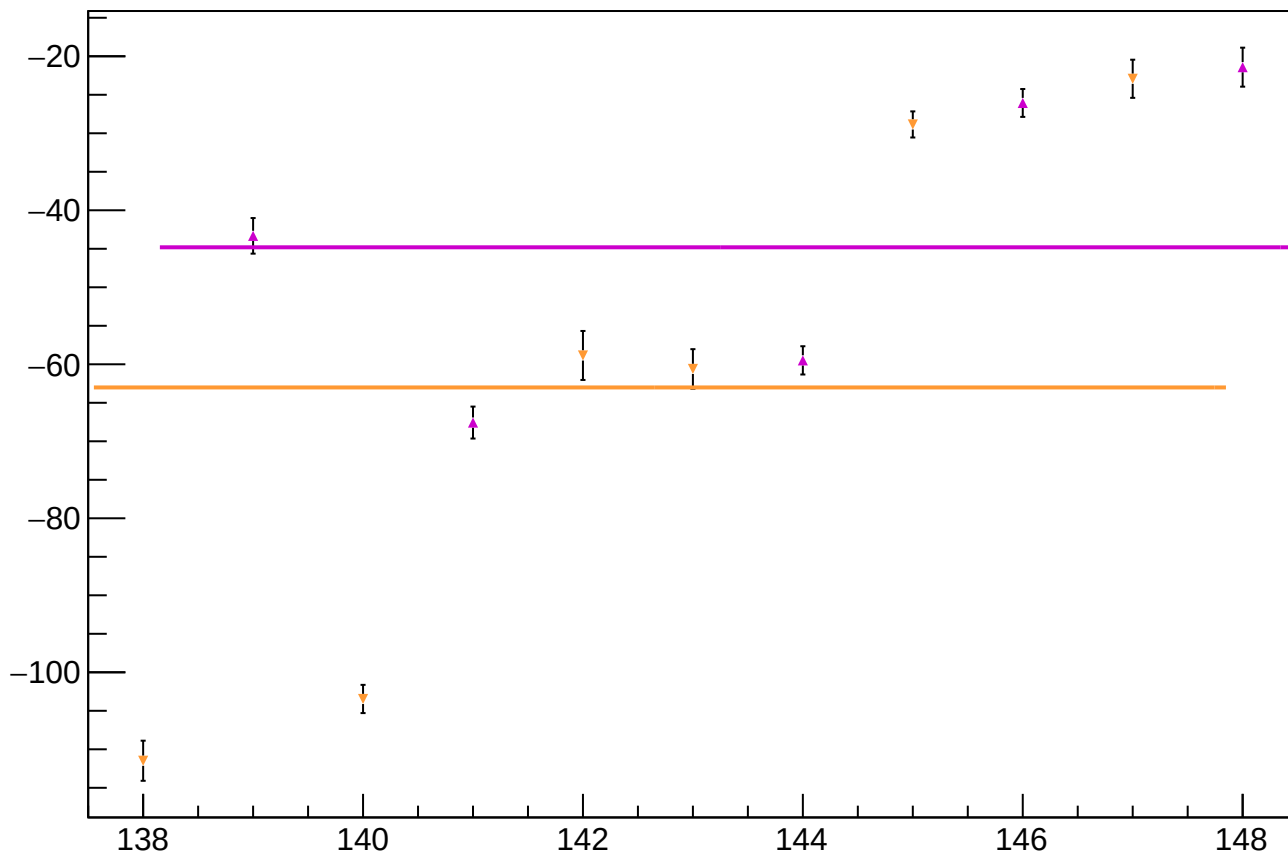
Left In: 0.150 ± 0.016 χ^2/NDF : 111.5/4

+ sign 0.098 ± 0.015 χ^2/NDF : 802.0/22

All: 0.037 ± 0.010 χ^2/NDF : 1981.1/46

- sign -0.021 ± 0.014 χ^2/NDF : 1145.8/23

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

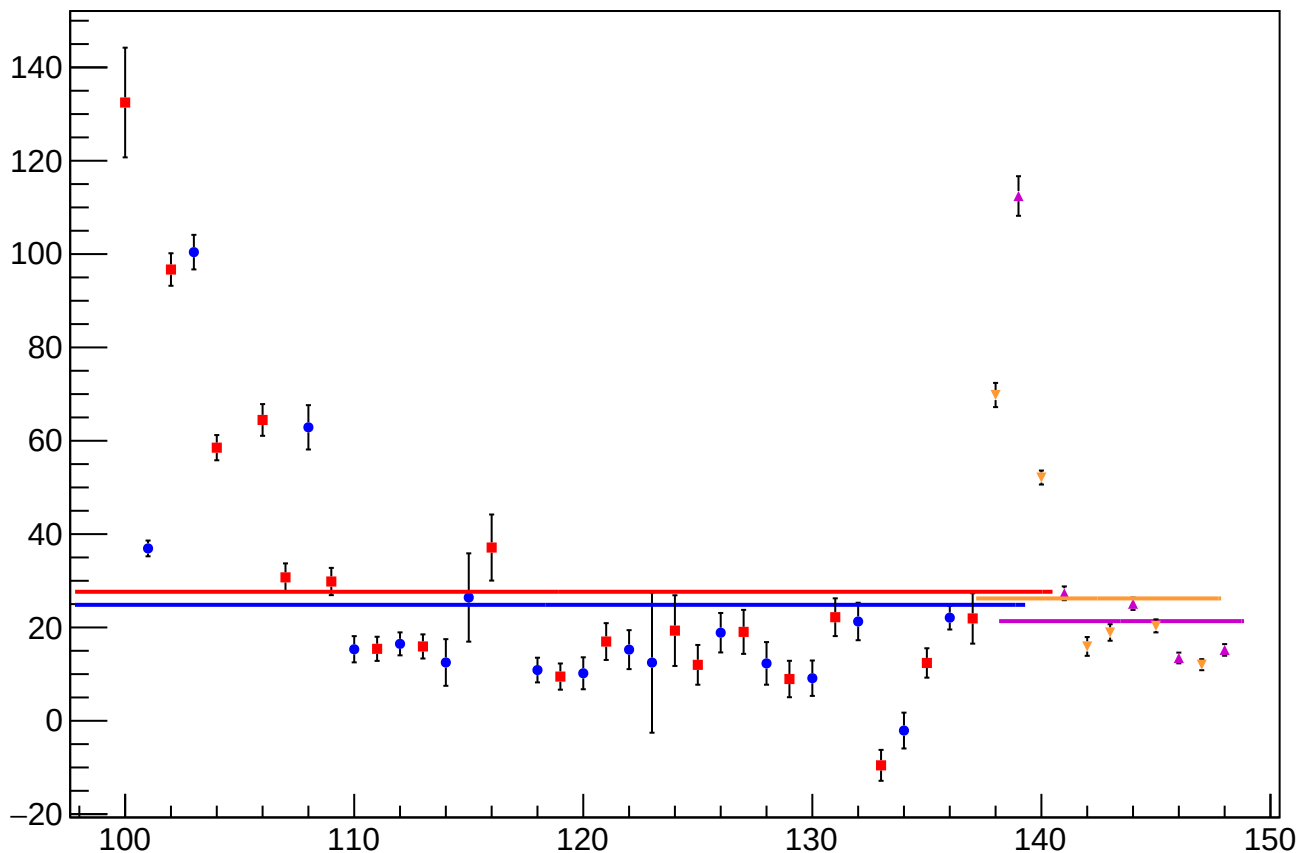
Left In: -44.808+/-0.922 χ^2/NDF : 377.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.019+/-0.648 χ^2/NDF : 2079.0/10

- 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

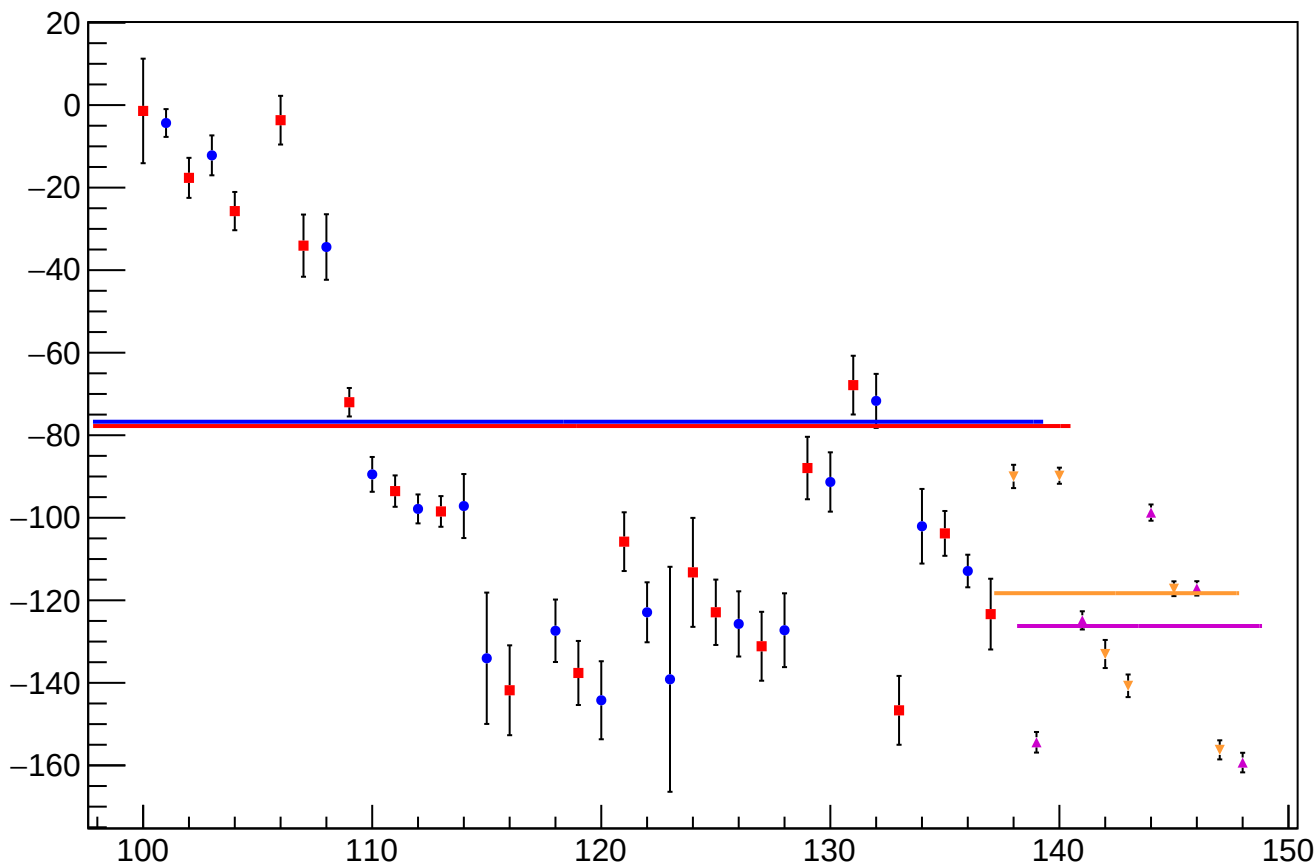
Left In: 21.356 $\pm$ 0.633 χ^2 /NDF: 557.0/4

+ sign 25.678 $\pm$ 0.503 χ^2 /NDF: 1478.2/22

All: 24.701 $\pm$ 0.354 χ^2 /NDF: 3089.2/46

- sign 23.741 $\pm$ 0.499 χ^2 /NDF: 1603.6/23

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

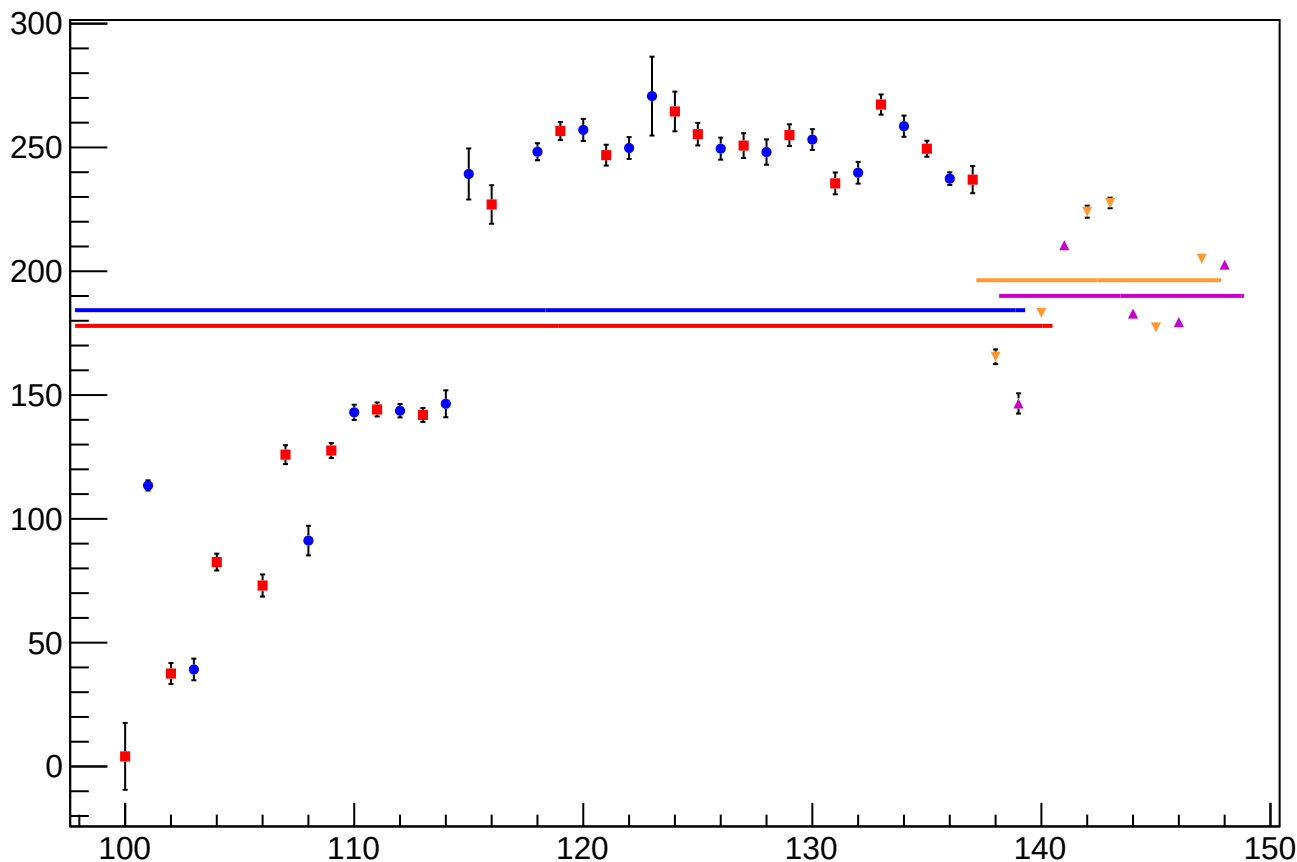
Left In: -126.226 ± 0.940 χ^2/NDF : 545.0/4

+ sign -105.312 ± 0.789 χ^2/NDF : 2306.0/22

All: -107.937 ± 0.552 χ^2/NDF : 4610.3/46

- sign -110.449 ± 0.772 χ^2/NDF : 2282.6/23

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

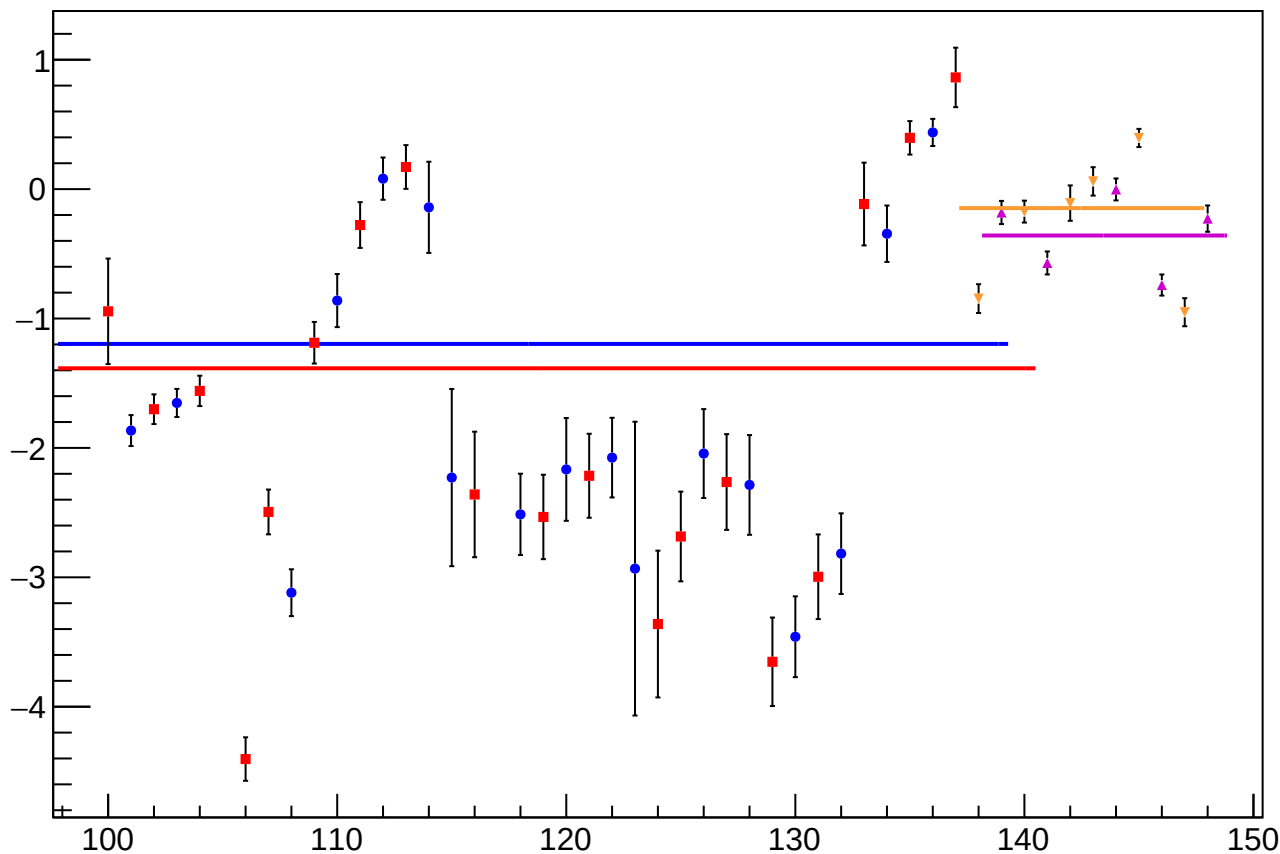
Left In: 190.044 $\pm$ 0.787 χ^2 /NDF: 374.5/4

+ sign 191.144 $\pm$ 0.600 χ^2 /NDF: 6176.6/22

All: 188.040 $\pm$ 0.424 χ^2 /NDF: 13035.0/46

- sign 184.948 $\pm$ 0.599 χ^2 /NDF: 6805.0/23

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

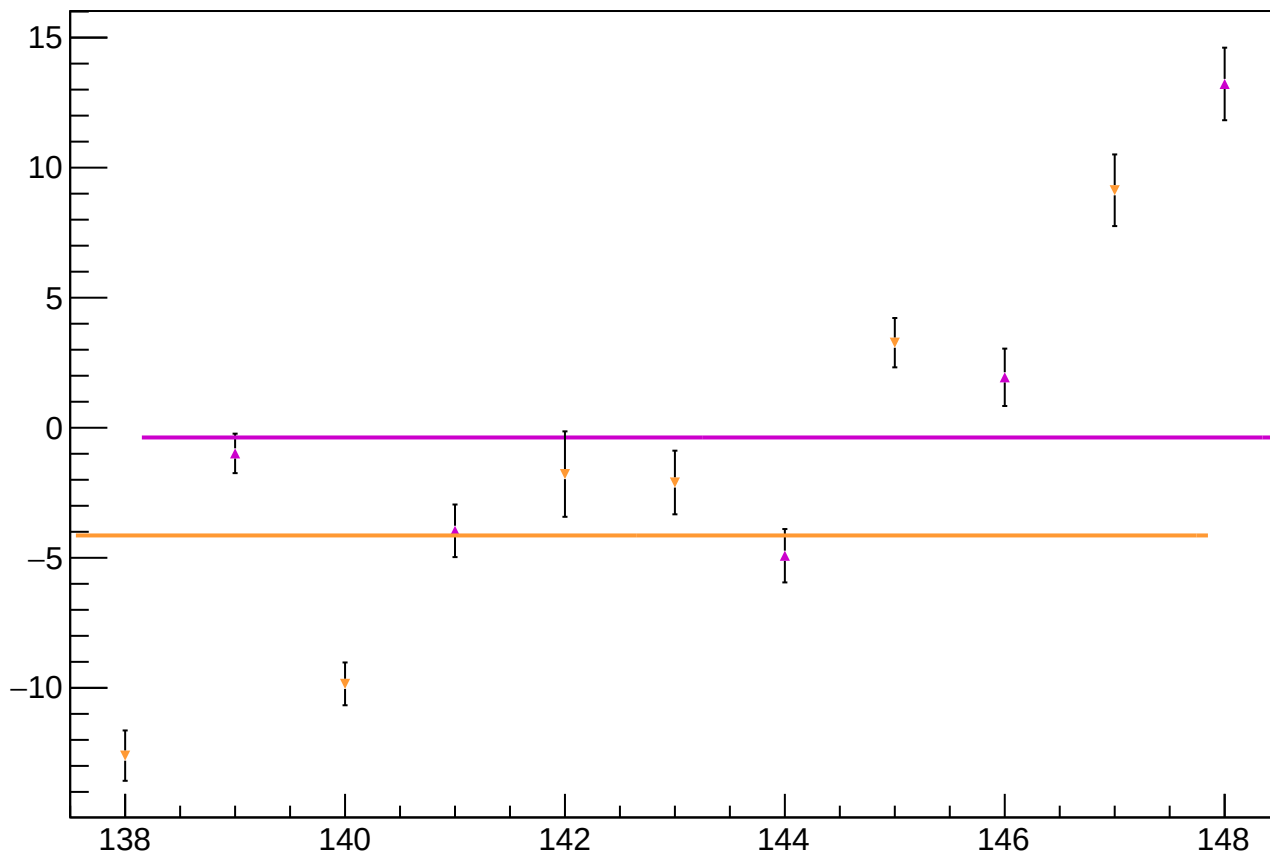
Left In: -0.359 ± 0.040 χ^2/NDF : 51.0/4

+ sign -0.568 ± 0.030 χ^2/NDF : 1065.8/22

All: -0.685 ± 0.021 χ^2/NDF : 2357.5/46

- sign -0.798 ± 0.030 χ^2/NDF : 1262.9/23

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -4.140 $\pm$ 0.438 χ^2 /NDF: 283.3/5

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

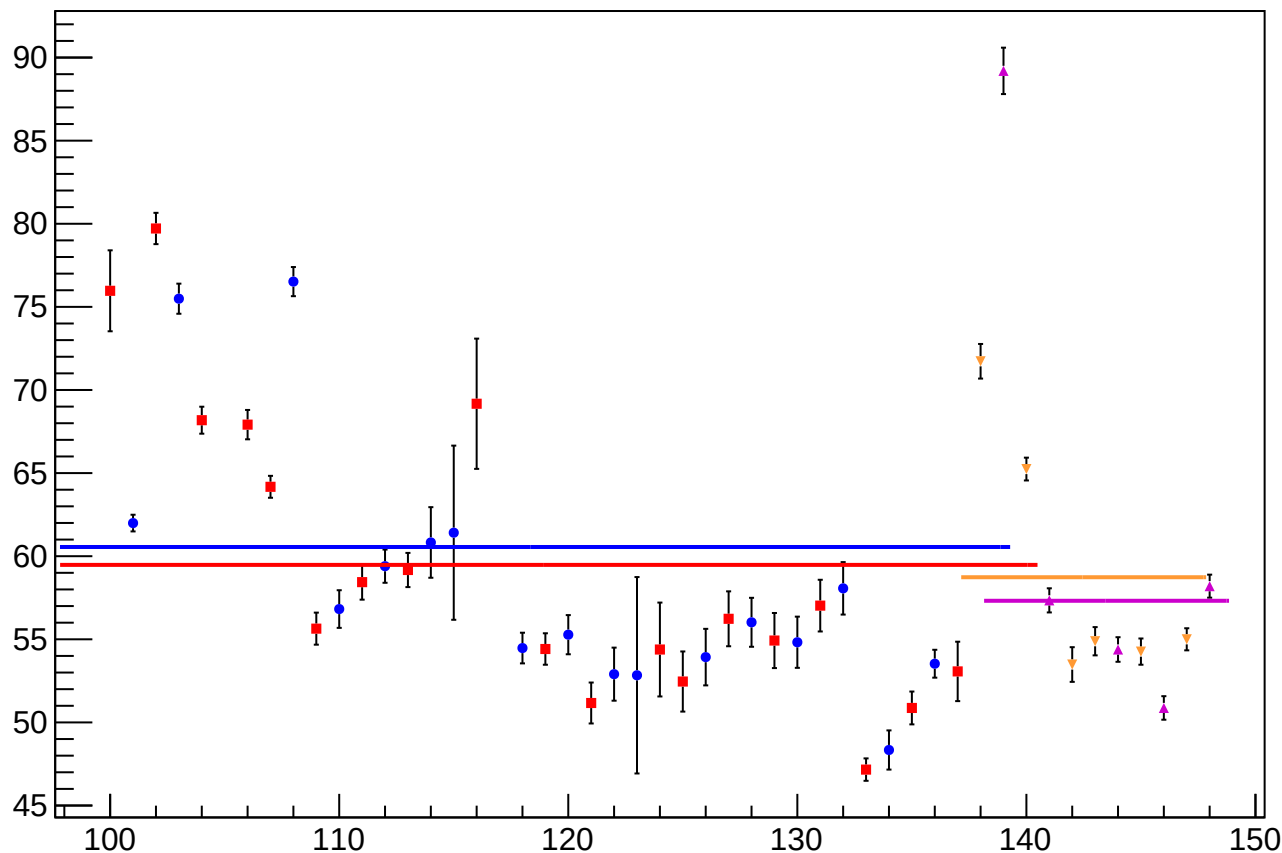
Left In: -0.374 $\pm$ 0.447 χ^2 /NDF: 132.3/4

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

All: -2.298 $\pm$ 0.313 χ^2 /NDF: 451.8/10

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

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.554 $\pm$ 0.262 χ^2/NDF : 930.8/16

Left Out: 58.734 $\pm$ 0.329 χ^2/NDF : 355.2/5

Right Out: 59.477 $\pm$ 0.248 χ^2/NDF : 1317.0/18

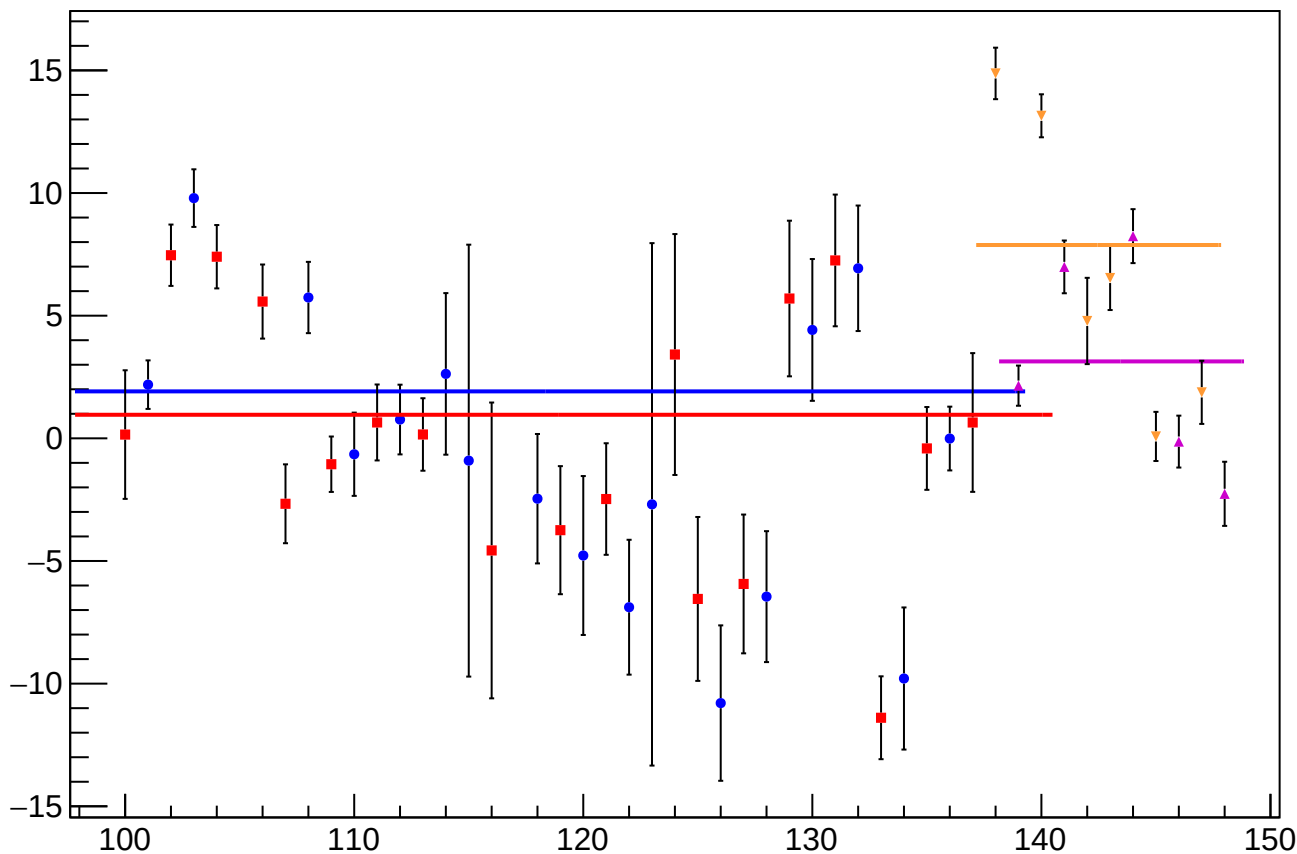
Left In: 57.318 $\pm$ 0.347 χ^2/NDF : 621.8/4

+ sign 59.850 $\pm$ 0.205 χ^2/NDF : 1304.7/22

All: 59.290 $\pm$ 0.144 χ^2/NDF : 3283.9/46

- sign 58.747 $\pm$ 0.202 χ^2/NDF : 1964.4/23

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.914 $\pm$ 0.458 χ^2/NDF : 121.6/16

Left Out: 7.881 $\pm$ 0.460 χ^2/NDF :167.2/5

Right Out: 0.960 $\pm$ 0.424 χ^2/NDF : 149.5/18

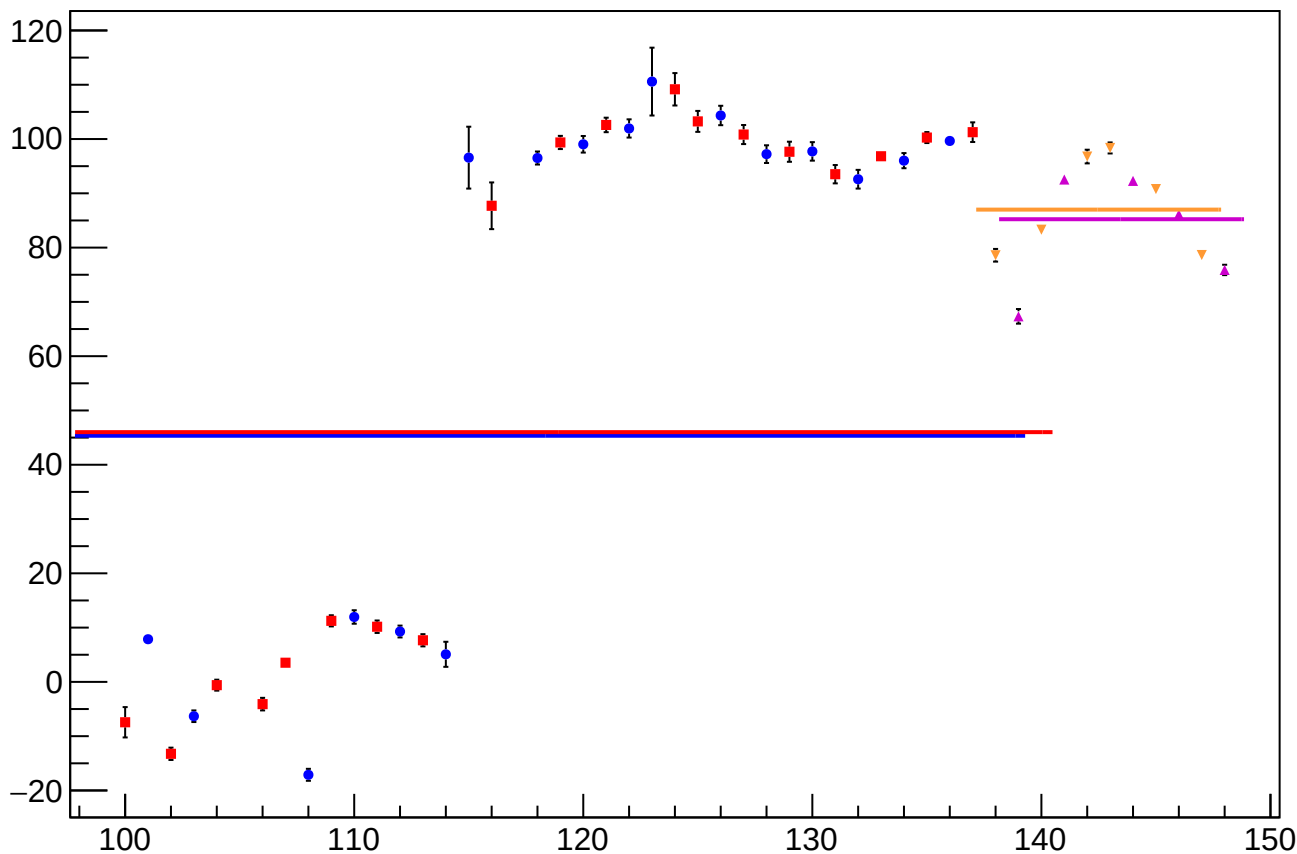
Left In: 3.136 $\pm$ 0.463 χ^2/NDF :62.5/4

+ sign 4.881 $\pm$ 0.325 χ^2/NDF : 373.3/22

All: 3.363 $\pm$ 0.225 χ^2/NDF : 639.4/46

- sign 1.953 $\pm$ 0.313 χ^2/NDF : 223.9/23

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

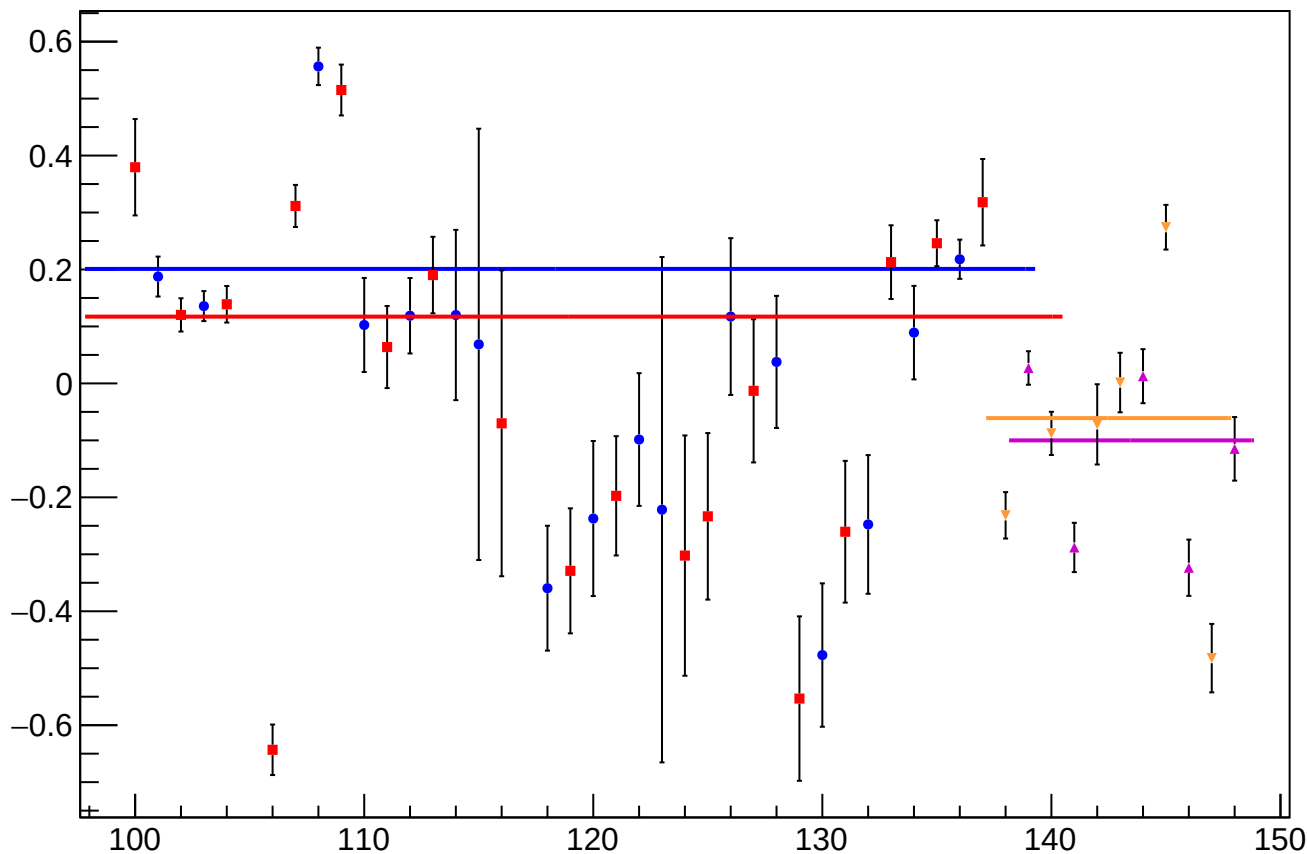
Left In: 85.228 $\pm$ 0.423 χ^2 /NDF:409.1/4

+ sign 60.533 $\pm$ 0.242 χ^2 /NDF: 32311.2/22

All: 59.514 $\pm$ 0.170 χ^2 /NDF: 66831.9/46

- sign 58.518 $\pm$ 0.239 χ^2 /NDF: 34485.5/23

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

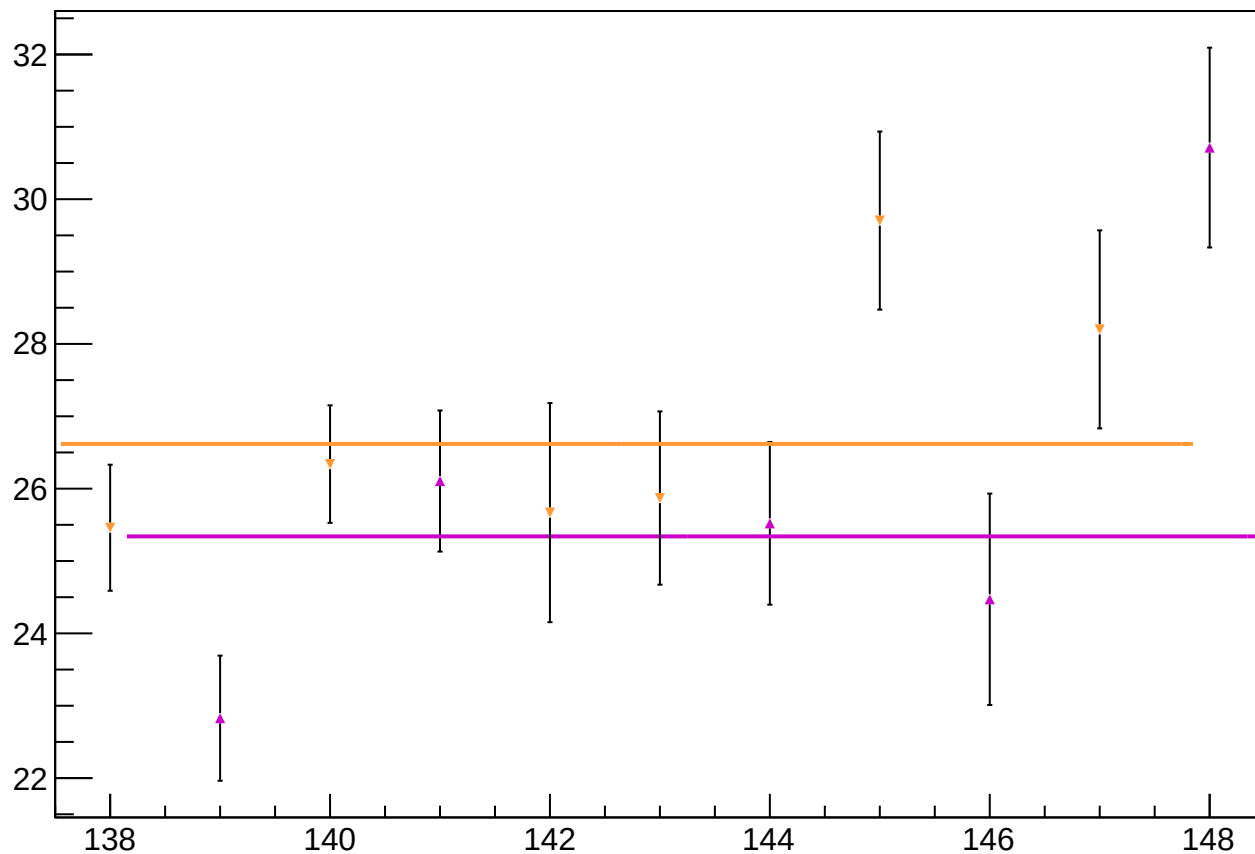
Left In: -0.100 ± 0.019 χ^2/NDF : 63.7/4

+ sign 0.108 ± 0.011 χ^2/NDF : 483.0/22

All: 0.075 ± 0.008 χ^2/NDF : 1153.8/46

- sign 0.046 ± 0.011 χ^2/NDF : 654.9/23

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

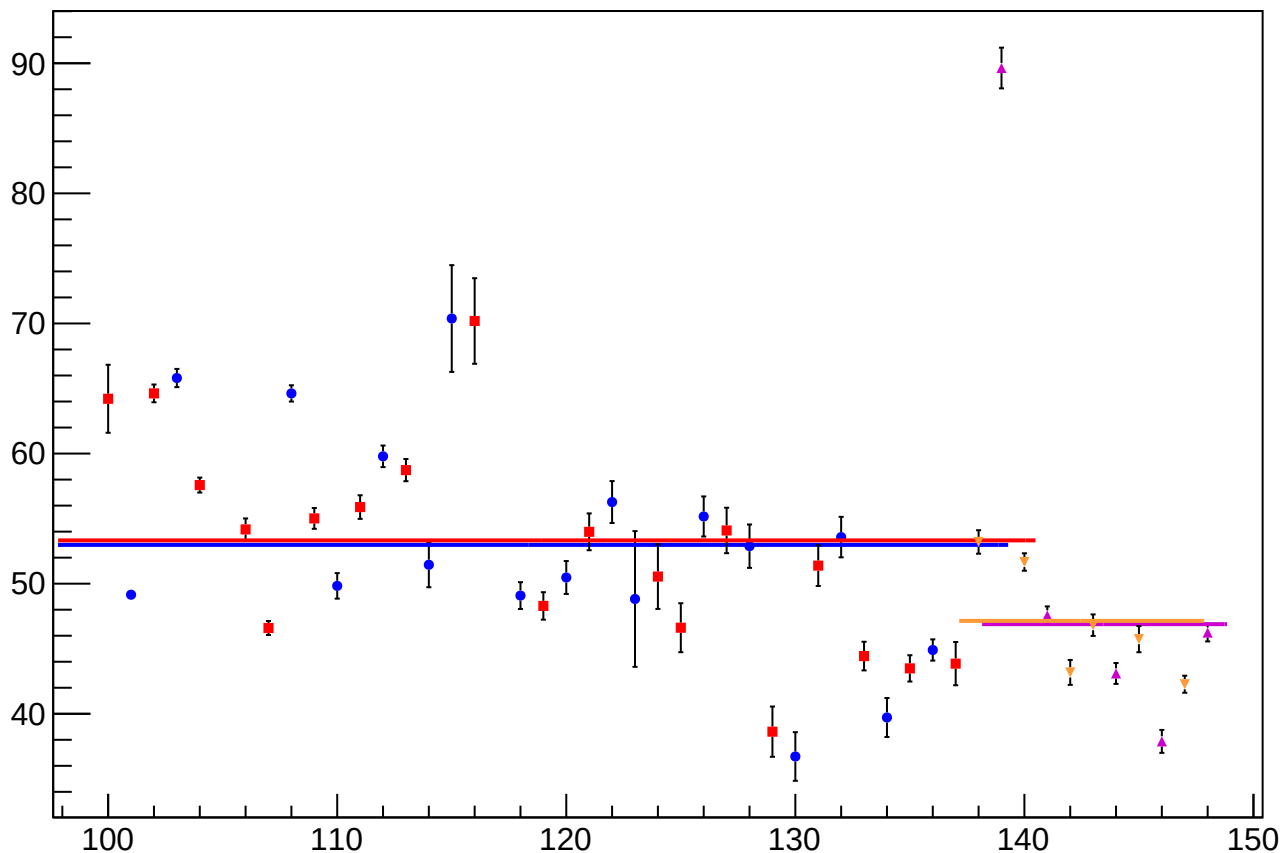
Left In: 25.340+/-0.489 χ^2/NDF : 24.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.047+/-0.327 χ^2/NDF : 38.6/10

- 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

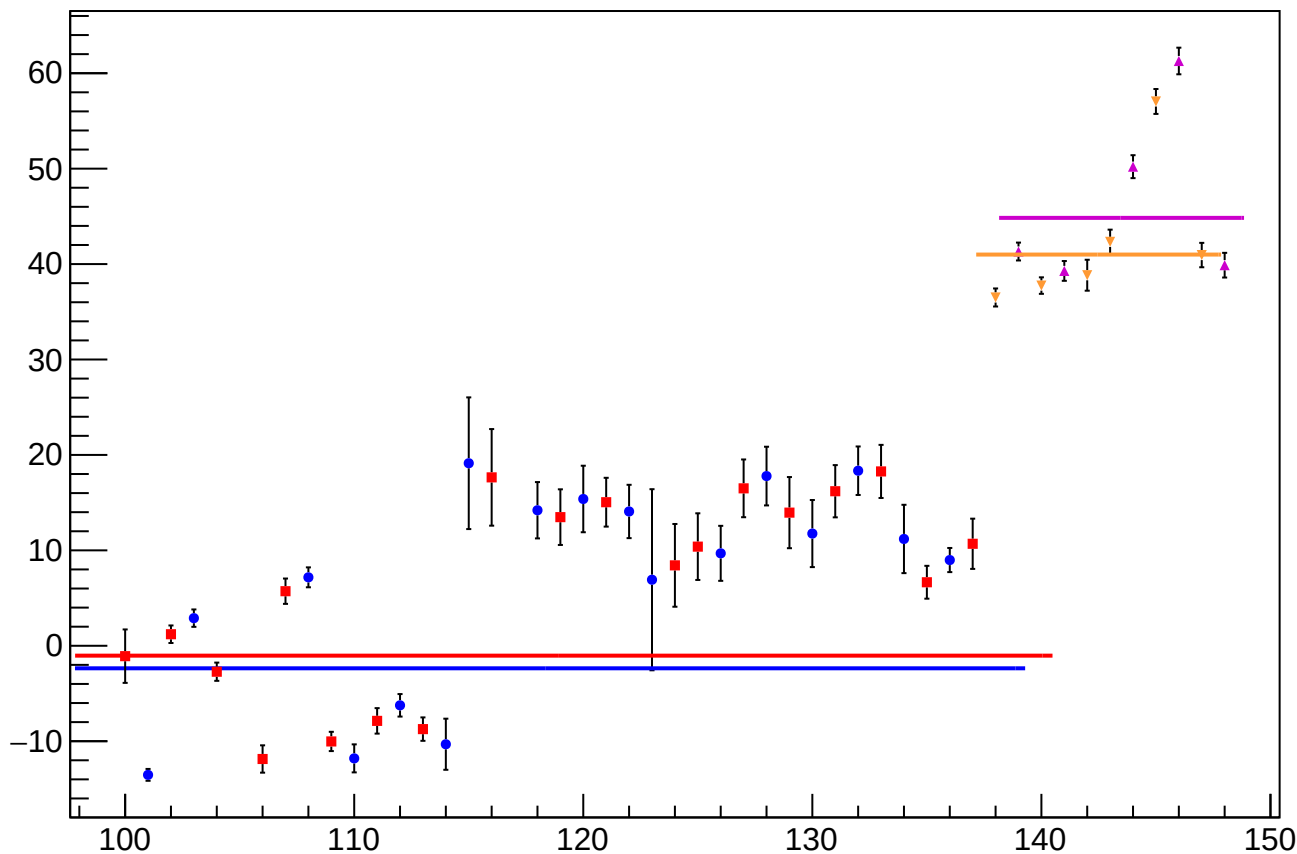
Left In: 46.888 $\pm$ 0.366 χ^2 /NDF:876.2/4

+ sign 51.278 $\pm$ 0.177 χ^2 /NDF: 1588.1/22

All: 51.398 $\pm$ 0.130 χ^2 /NDF: 3561.9/46

- sign 51.541 $\pm$ 0.193 χ^2 /NDF: 1972.8/23

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

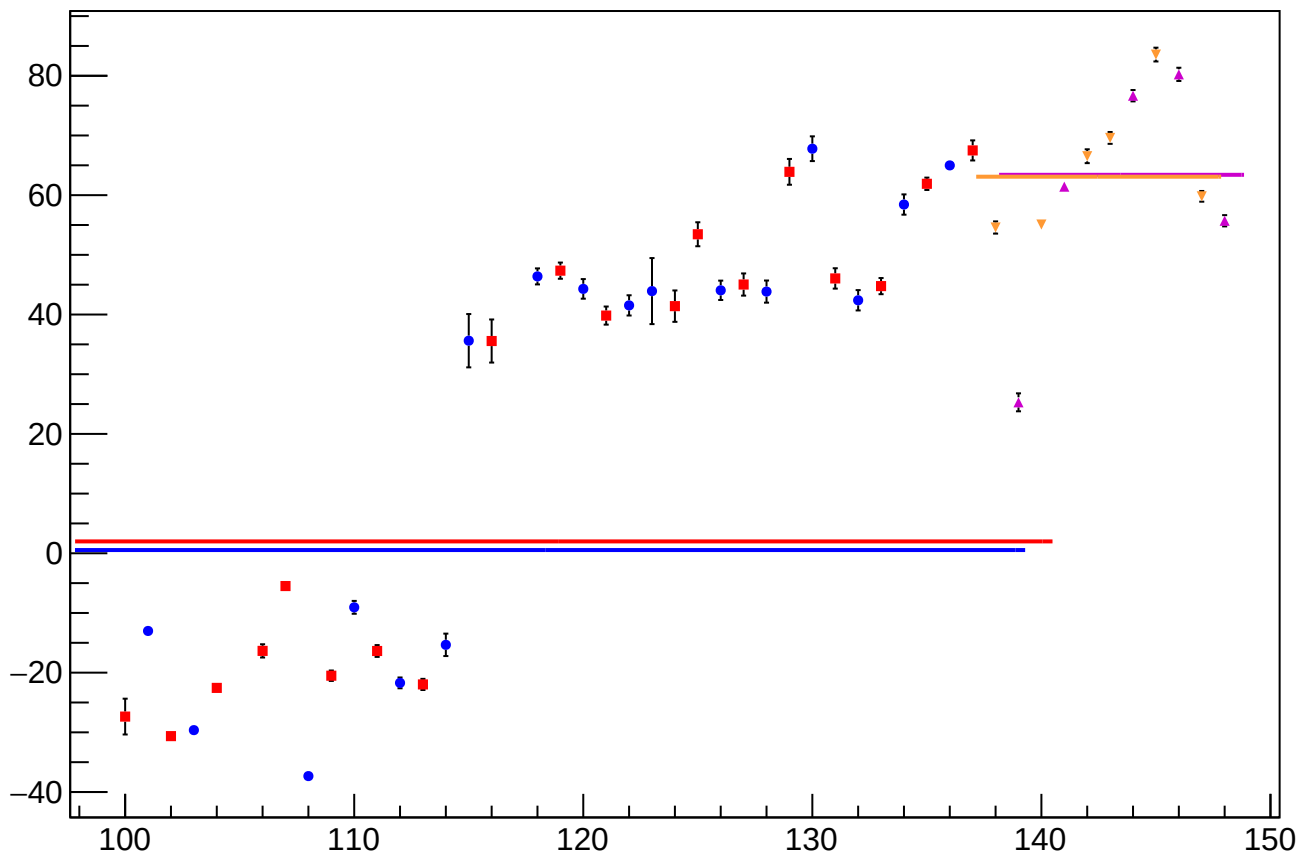
Left In: 44.842 ± 0.508 χ^2/NDF : 216.4/4

+ sign 14.156 ± 0.286 χ^2/NDF : 6442.1/22

All: 14.673 ± 0.208 χ^2/NDF : 12432.5/46

- sign 15.251 ± 0.303 χ^2/NDF : 5983.5/23

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.541 $\pm$ 0.247 χ^2 /NDF: 18423.8/16

Left Out: 63.093 $\pm$ 0.401 χ^2 /NDF: 545.8/5

Right Out: 1.990 $\pm$ 0.267 χ^2 /NDF: 15476.7/18

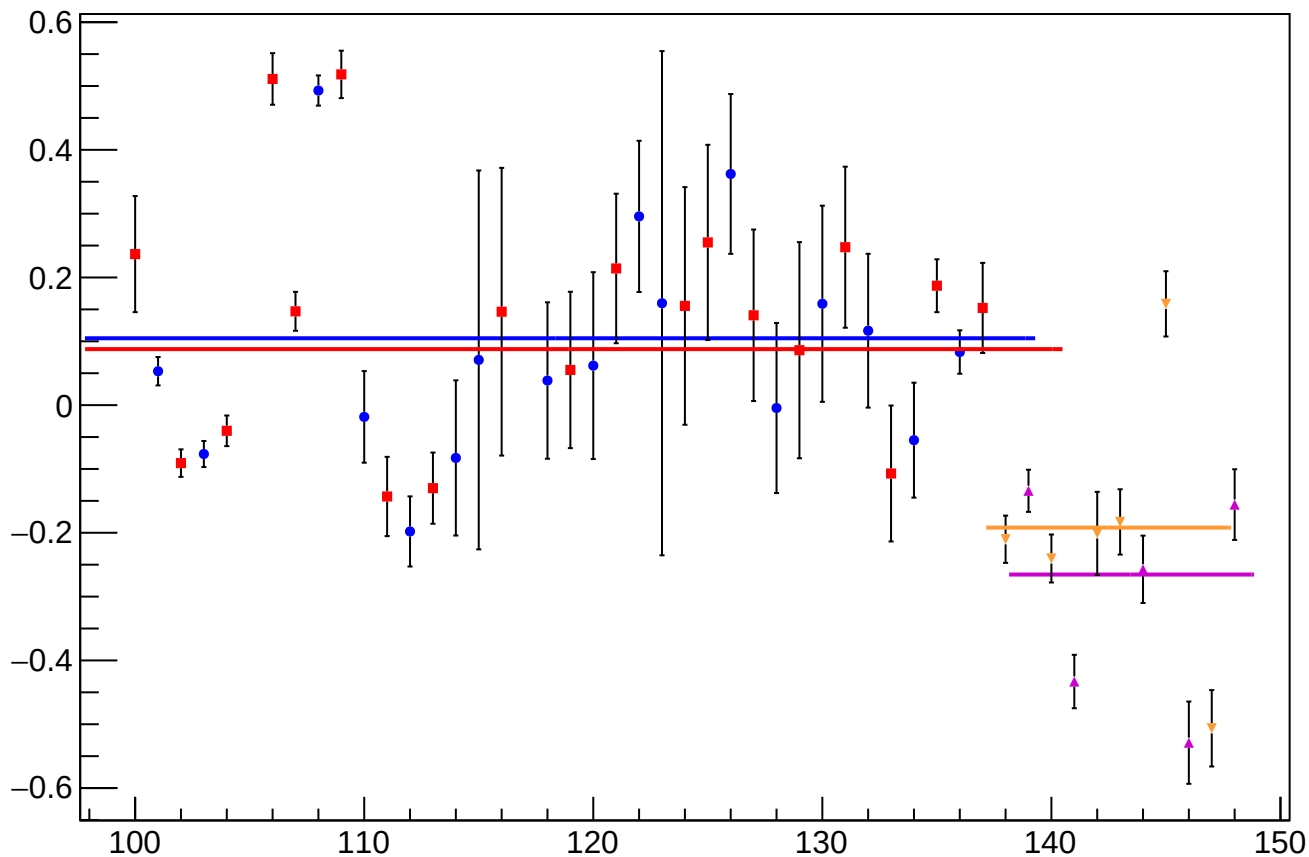
Left In: 63.409 $\pm$ 0.451 χ^2 /NDF: 1138.0/4

+ sign 17.745 $\pm$ 0.210 χ^2 /NDF: 36650.3/22

All: 17.801 $\pm$ 0.155 χ^2 /NDF: 66995.3/46

- sign 17.869 $\pm$ 0.229 χ^2 /NDF: 30344.8/23

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.7/16

Left Out: -0.192 ± 0.019 χ^2/NDF : 76.6/5

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

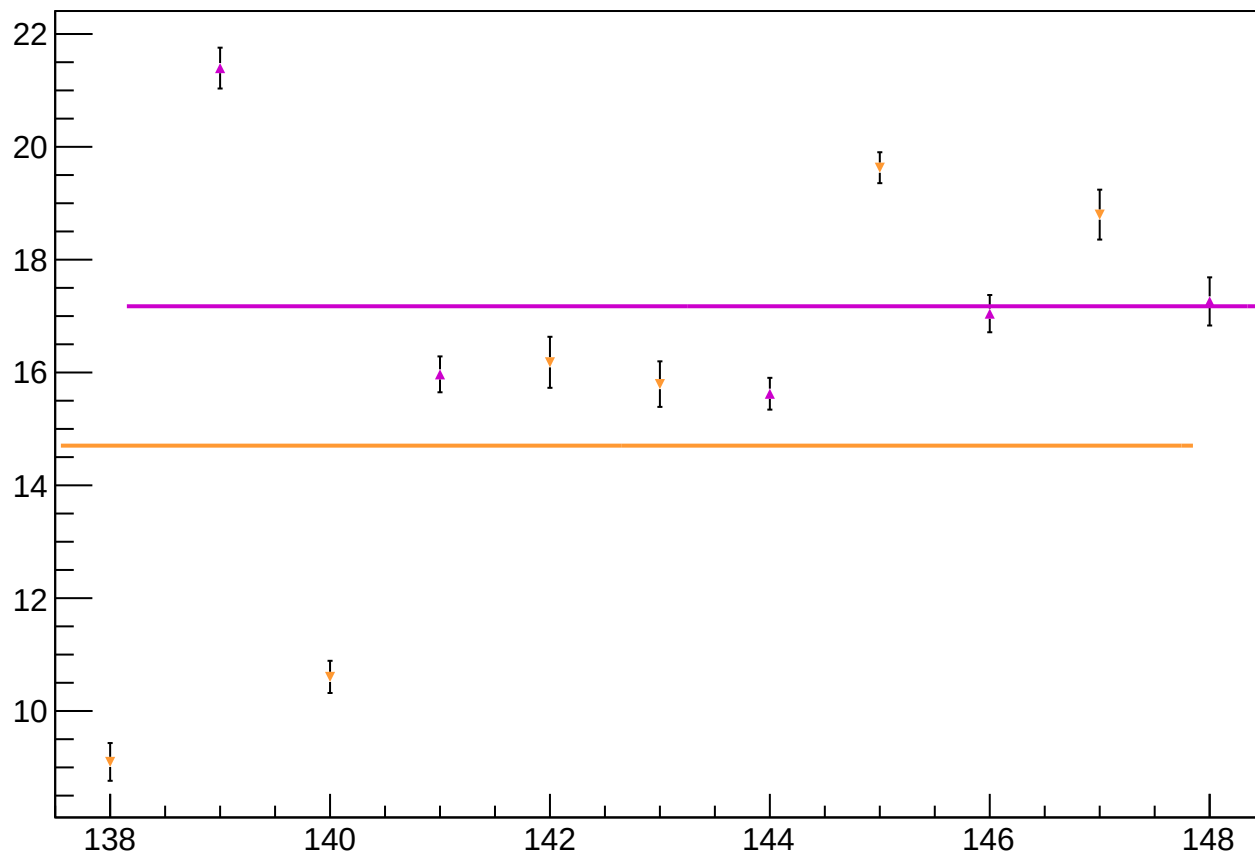
Left In: -0.265 ± 0.020 χ^2/NDF : 52.5/4

+ sign 0.031 ± 0.010 χ^2/NDF : 657.0/22

All: 0.020 ± 0.007 χ^2/NDF : 1336.6/46

- sign 0.008 ± 0.010 χ^2/NDF : 676.6/23

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

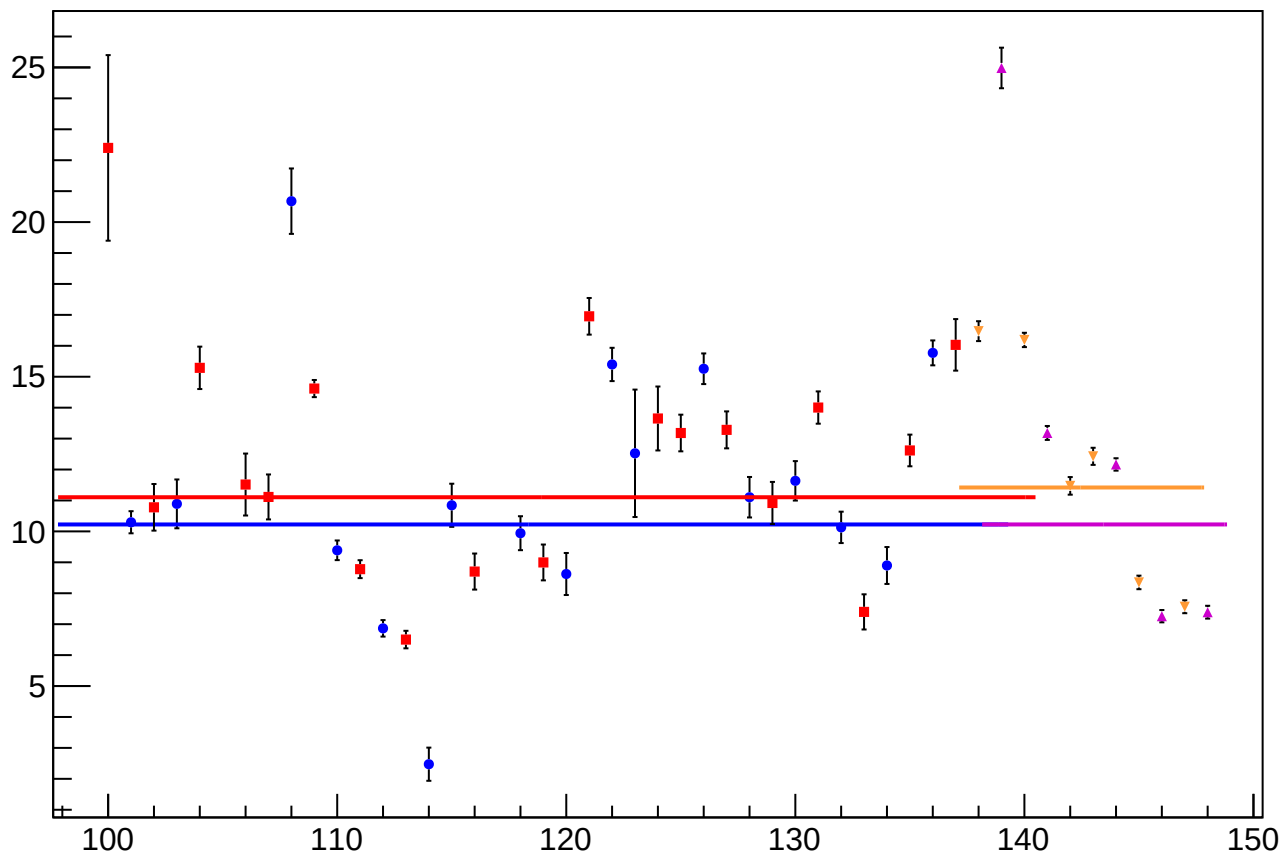
Left In: 17.174+/-0.149 χ^2/NDF : 180.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.863+/-0.102 χ^2/NDF : 1239.8/10

- 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

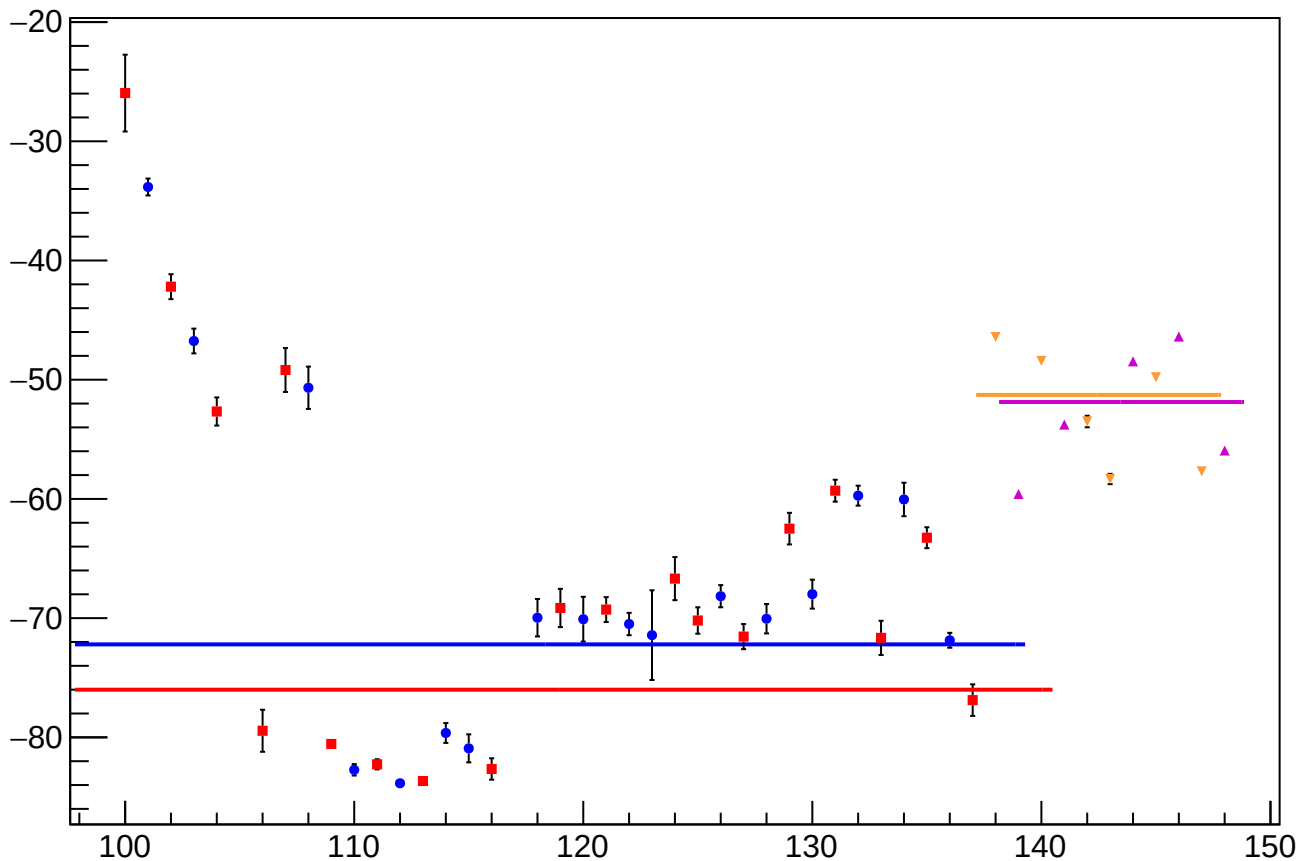
Left In: 10.225 ± 0.102 χ^2/NDF : 1181.1/4

+ sign 10.916 ± 0.077 χ^2/NDF : 2155.8/22

All: 10.762 ± 0.054 χ^2/NDF : 4194.2/46

- sign 10.608 ± 0.077 χ^2/NDF : 2030.5/23

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.201 ± 0.198 $\chi^2/\text{NDF}: 5566.9/16$

Left Out: -51.275 ± 0.148 $\chi^2/\text{NDF}: 823.6/5$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.4/18$

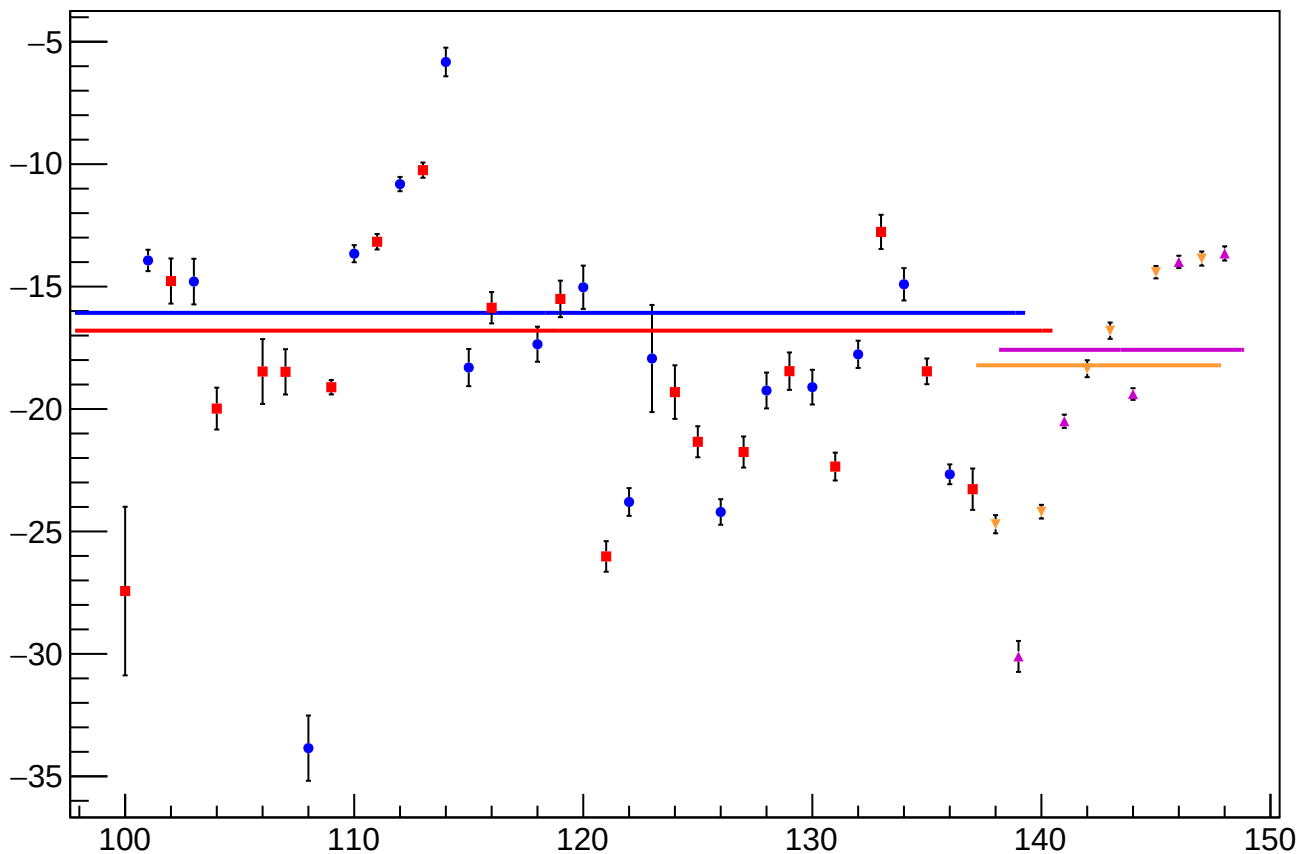
Left In: -51.871 ± 0.153 $\chi^2/\text{NDF}: 951.0/4$

+ sign -58.792 ± 0.118 $\chi^2/\text{NDF}: 13570.4/22$

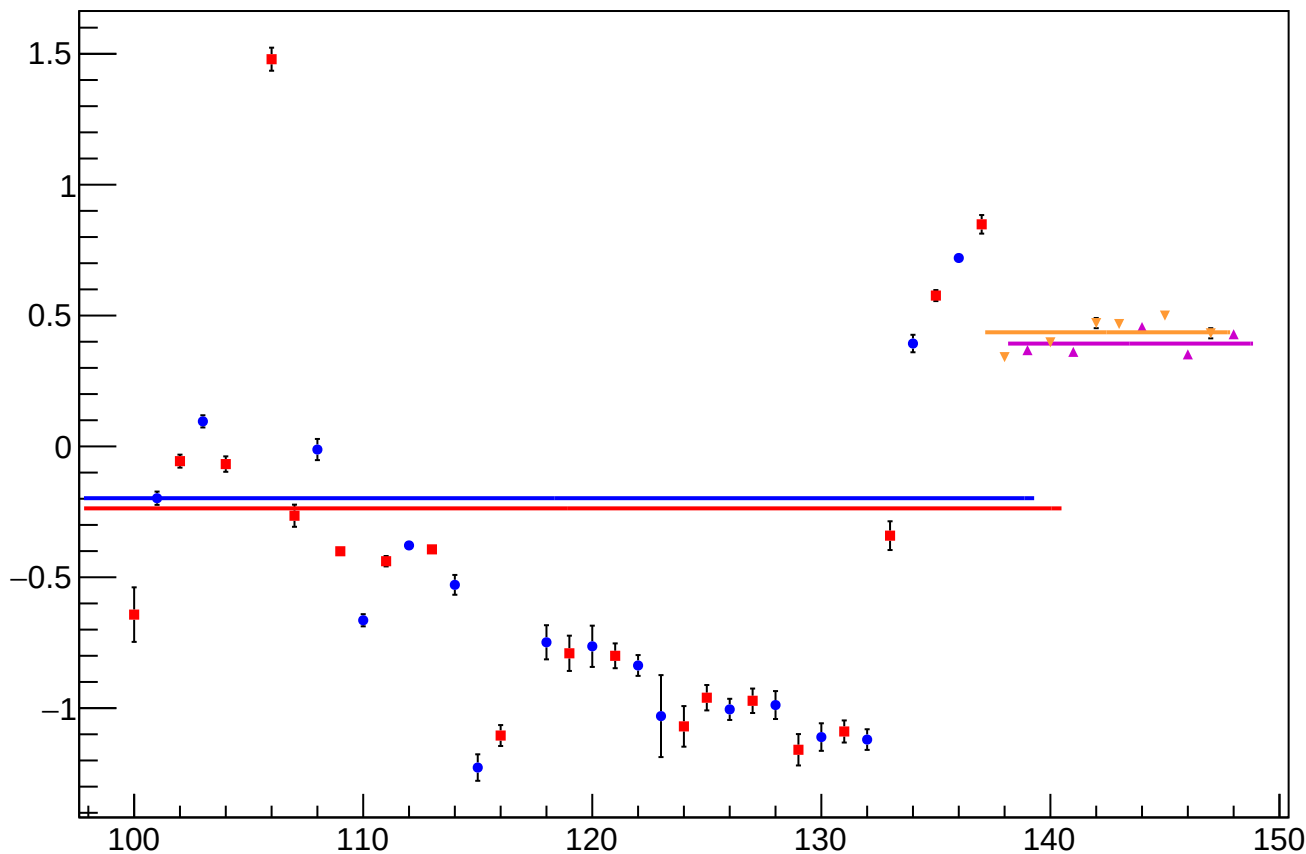
All: -60.399 ± 0.083 $\chi^2/\text{NDF}: 28697.0/46$

- sign -61.967 ± 0.117 $\chi^2/\text{NDF}: 14763.1/23$

reg_asym_sam7_diff_bpm4eY_slope vs Slug



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

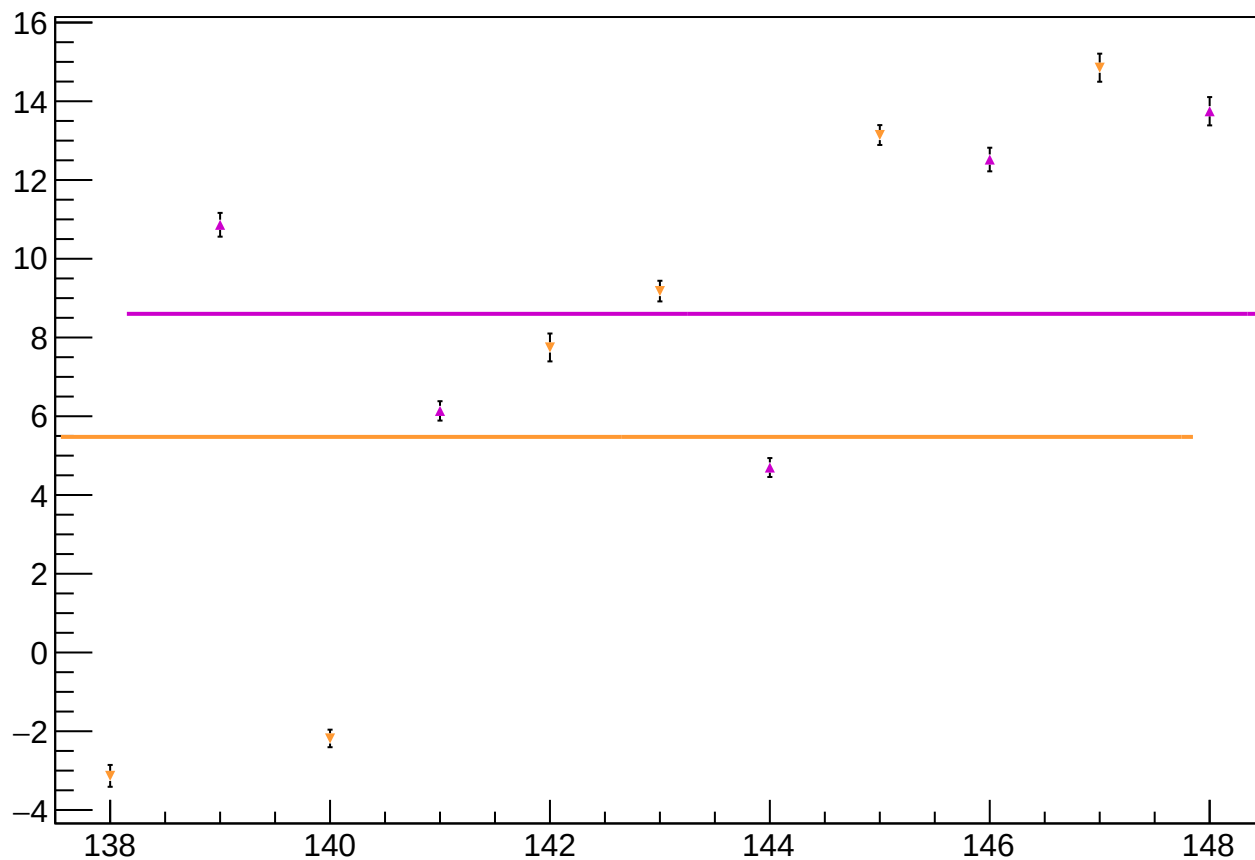
Left In: 0.393 ± 0.006 χ^2/NDF : 44.0/4

+ sign 0.184 ± 0.005 χ^2/NDF : 10693.8/22

All: 0.149 ± 0.003 χ^2/NDF : 21359.7/46

- sign 0.114 ± 0.005 χ^2/NDF : 10555.8/23

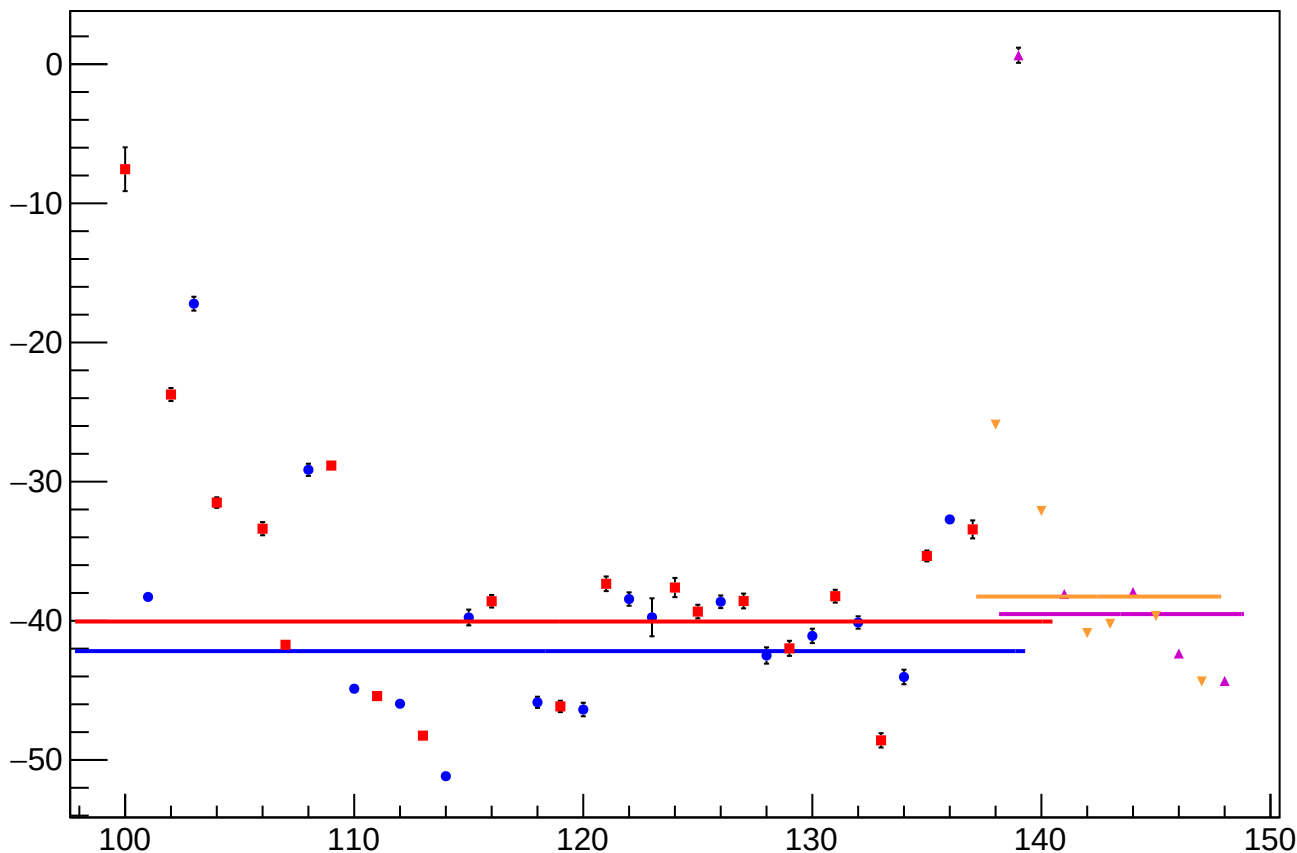
reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 5.476+/-0.112 χ^2/NDF : 3999.8/5
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 8.601+/-0.125 χ^2/NDF : 795.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 6.868+/-0.084 χ^2/NDF : 5140.3/10
- sign 0.000+/-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

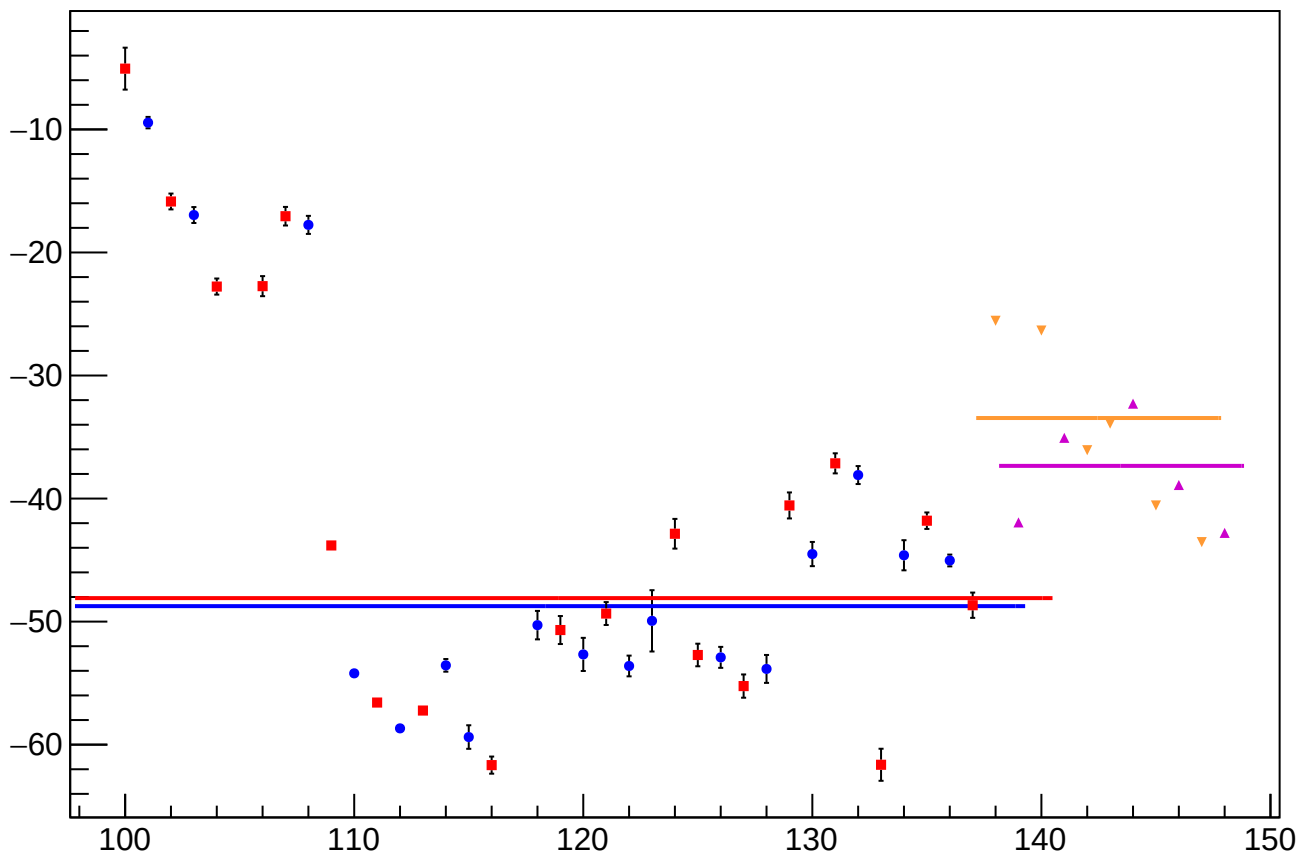
Left In: -39.519 ± 0.087 χ^2/NDF : 6569.3/4

+ sign -40.290 ± 0.056 χ^2/NDF : 12653.3/22

All: -40.061 ± 0.040 χ^2/NDF : 30591.6/46

- sign -39.833 ± 0.056 χ^2/NDF : 17904.9/23

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.743 ± 0.124 χ^2/NDF : 14658.5/16

Left Out: -33.454 ± 0.118 χ^2/NDF : 3258.4/5

Right Out: -48.091 ± 0.107 χ^2/NDF : 11731.5/18

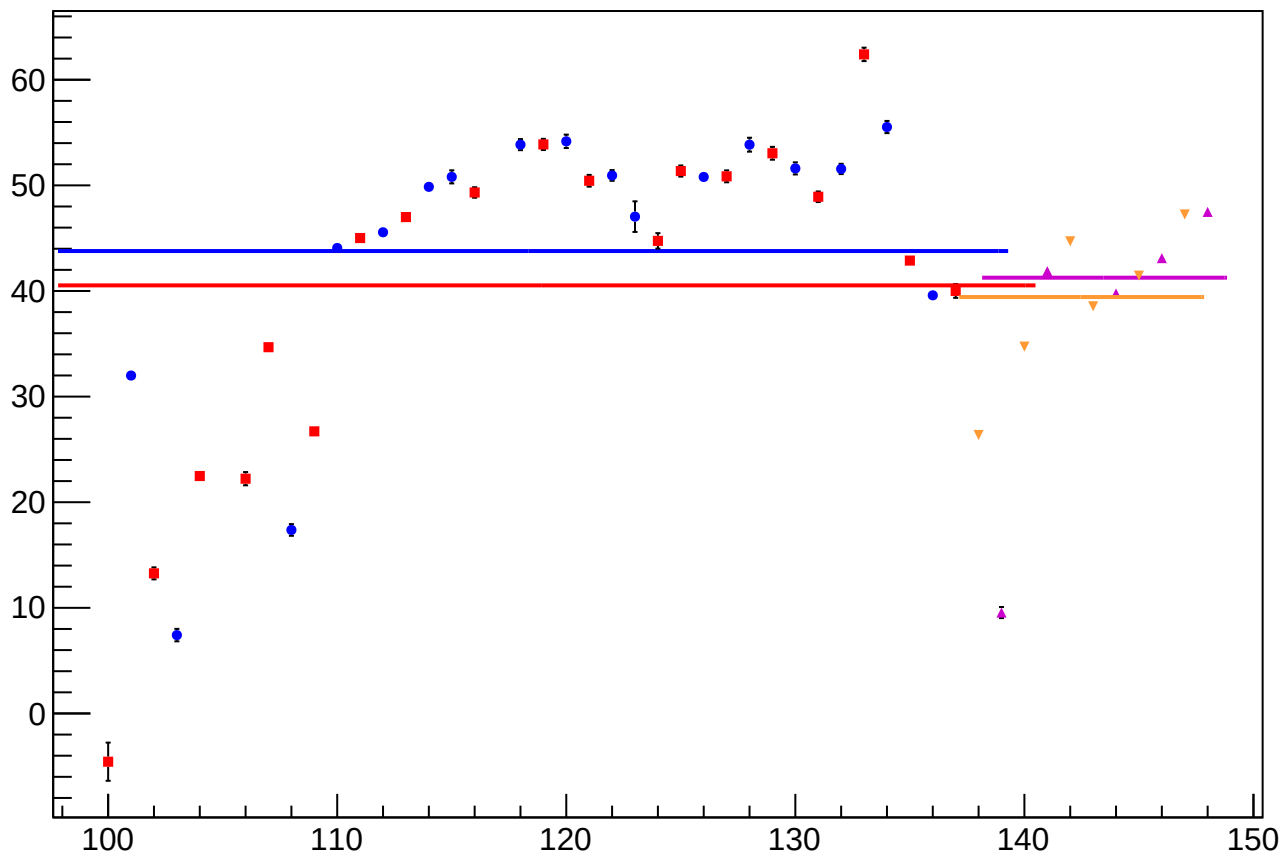
Left In: -37.344 ± 0.129 χ^2/NDF : 950.3/4

+ sign -40.712 ± 0.086 χ^2/NDF : 25847.8/22

All: -42.266 ± 0.059 χ^2/NDF : 43262.4/46

- sign -43.706 ± 0.082 χ^2/NDF : 16781.2/23

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.782 $\pm$ 0.087 χ^2 /NDF: 10638.7/16

Left Out: 39.427 $\pm$ 0.099 χ^2 /NDF:3820.2/5

Right Out: 40.530 $\pm$ 0.080 χ^2 /NDF: 17580.7/18

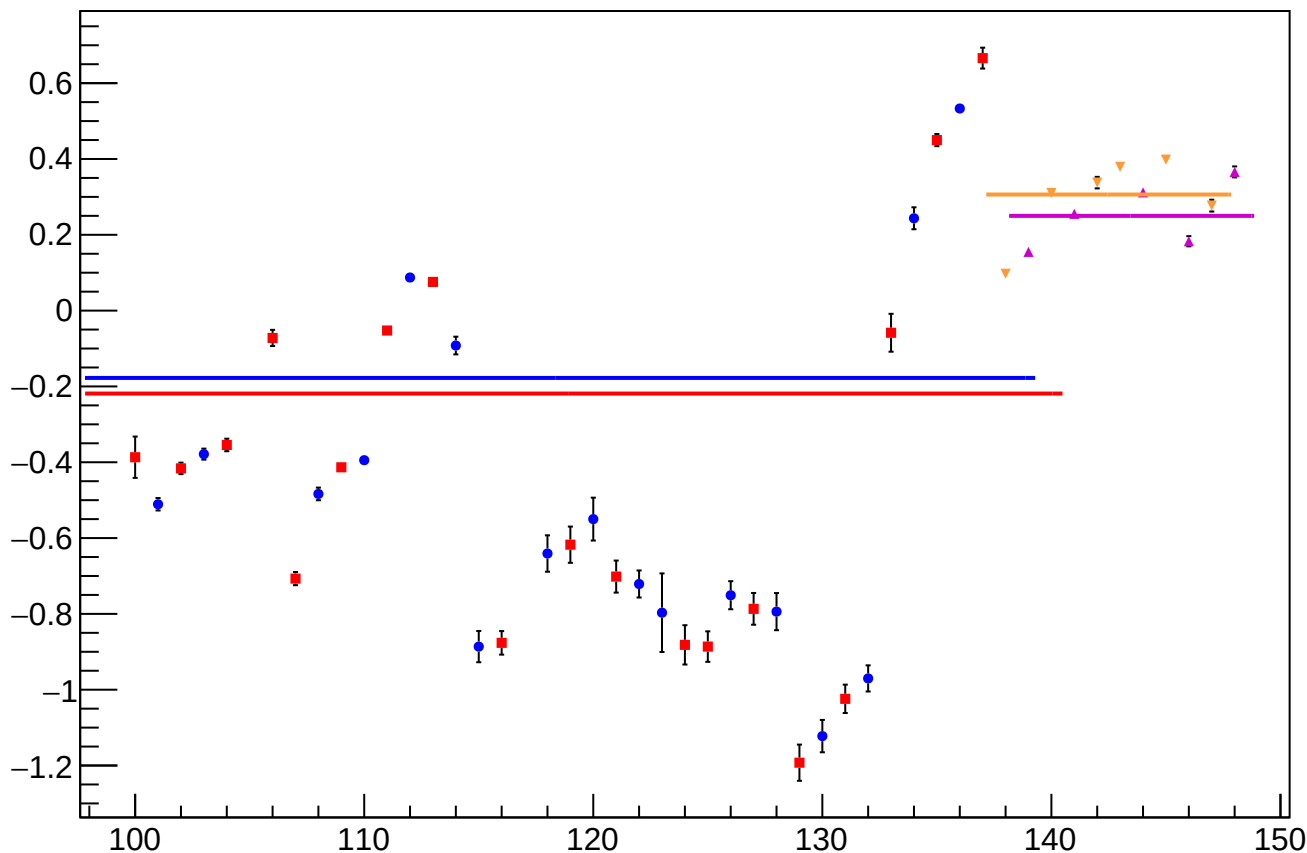
Left In: 41.259 $\pm$ 0.108 χ^2 /NDF:4429.0/4

+ sign 41.888 $\pm$ 0.065 χ^2 /NDF: 15558.5/22

All: 41.332 $\pm$ 0.046 χ^2 /NDF: 37741.4/46

- sign 40.788 $\pm$ 0.064 χ^2 /NDF: 22038.9/23

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.178 ± 0.005 χ^2/NDF : 7375.8/16

Left Out: 0.306 ± 0.005 χ^2/NDF : 432.9/5

Right Out: -0.219 ± 0.004 χ^2/NDF : 7470.0/18

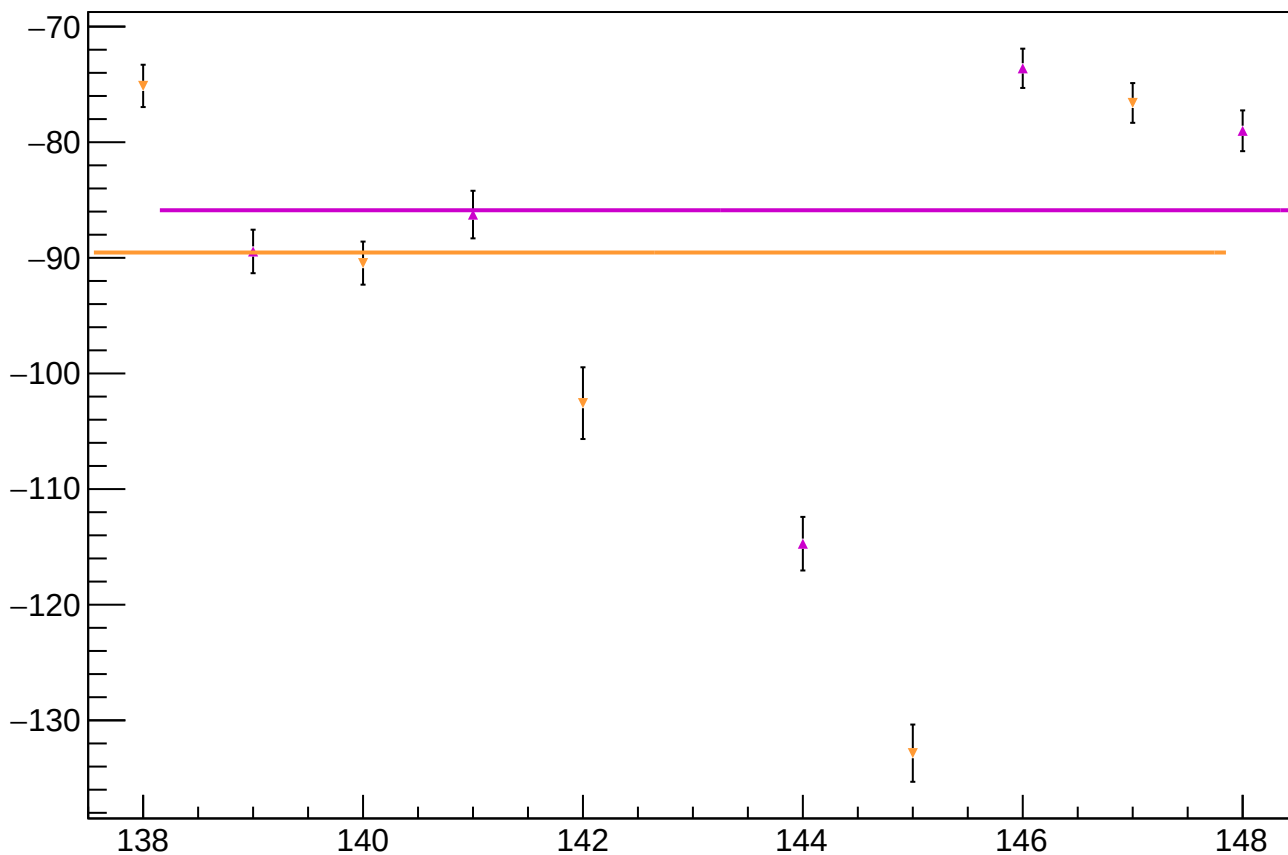
Left In: 0.250 ± 0.005 χ^2/NDF : 188.1/4

+ sign 0.061 ± 0.003 χ^2/NDF : 12755.1/22

All: 0.012 ± 0.002 χ^2/NDF : 25469.2/46

- sign -0.035 ± 0.003 χ^2/NDF : 12307.8/23

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

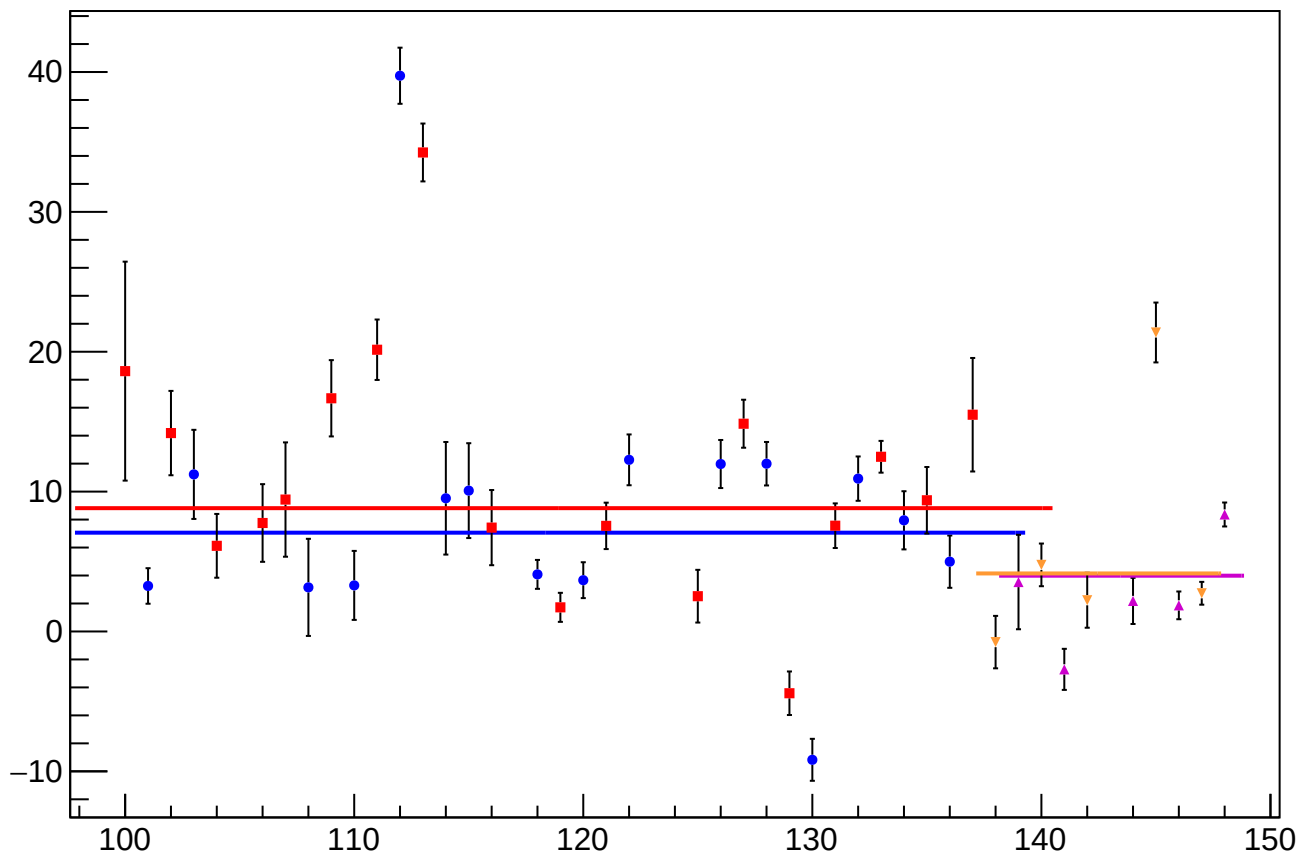
Left In: -85.884+/-0.853 χ^2/NDF : 225.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.583+/-0.624 χ^2/NDF : 676.8/9

- 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 χ^2/NDF : 446.9/15

Left Out: 4.148 ± 0.609 χ^2/NDF : 75.8/4

Right Out: 8.816 ± 0.449 χ^2/NDF : 350.4/17

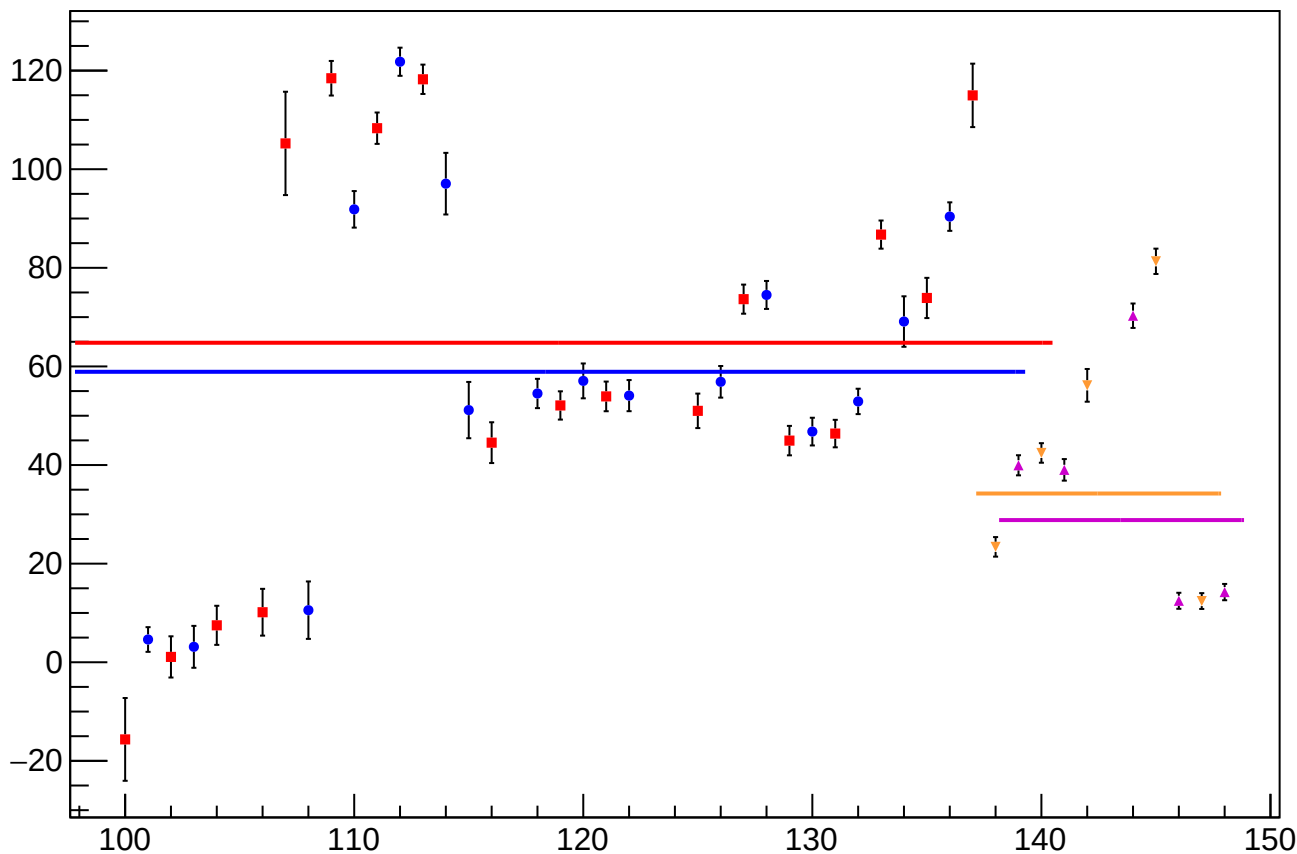
Left In: 3.988 ± 0.550 χ^2/NDF : 52.7/4

+ sign 6.083 ± 0.353 χ^2/NDF : 537.9/20

All: 6.491 ± 0.248 χ^2/NDF : 989.8/43

- sign 6.887 ± 0.348 χ^2/NDF : 449.3/22

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

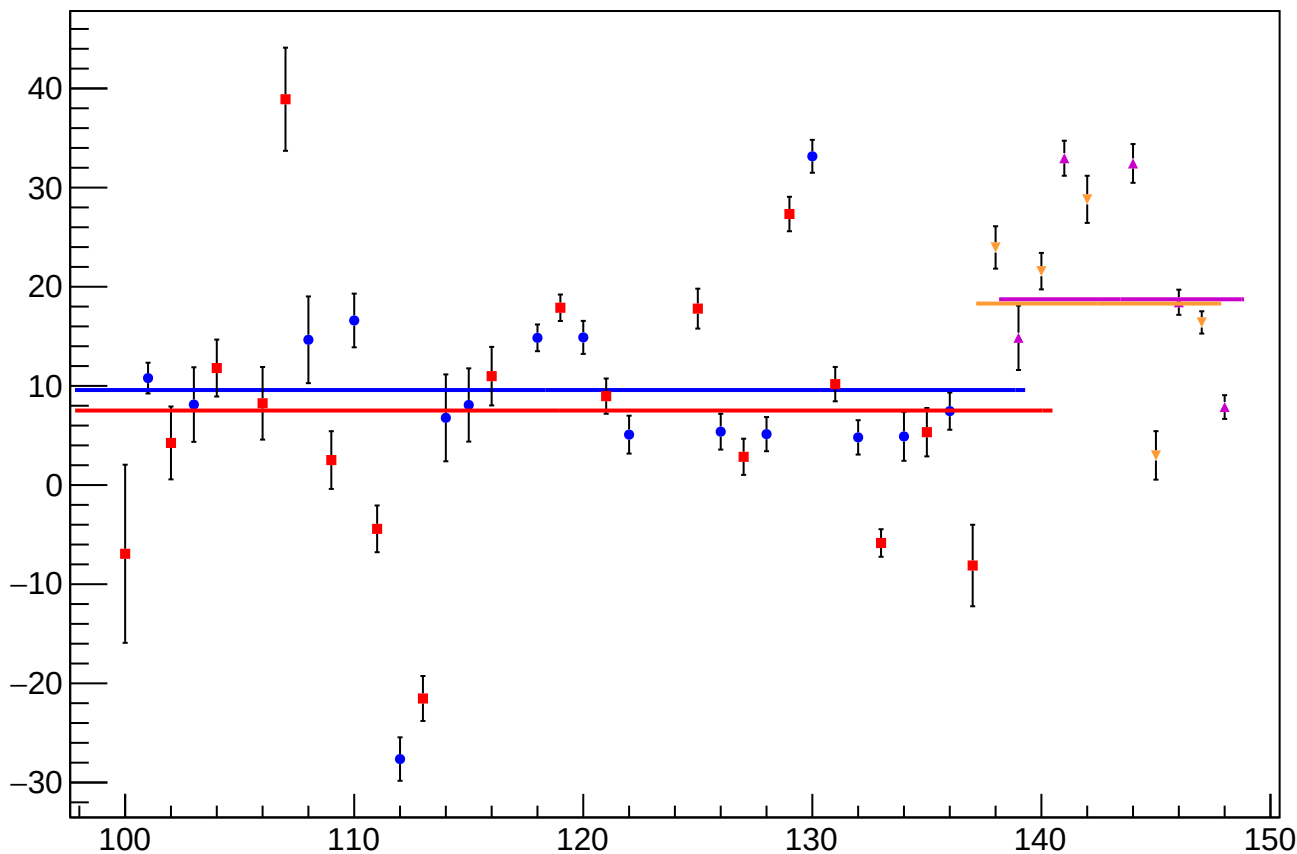
Left In: 28.837 $\pm$ 0.858 χ^2 /NDF: 510.7/4

+ sign 48.040 $\pm$ 0.622 χ^2 /NDF: 2496.3/20

All: 47.607 $\pm$ 0.432 χ^2 /NDF: 5622.7/43

- sign 47.202 $\pm$ 0.600 χ^2 /NDF: 3125.5/22

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.583 ± 0.501 $\chi^2/\text{NDF}: 554.4/15$

Left Out: 18.303 ± 0.778 $\chi^2/\text{NDF}: 71.8/4$

Right Out: 7.516 ± 0.516 $\chi^2/\text{NDF}: 569.8/17$

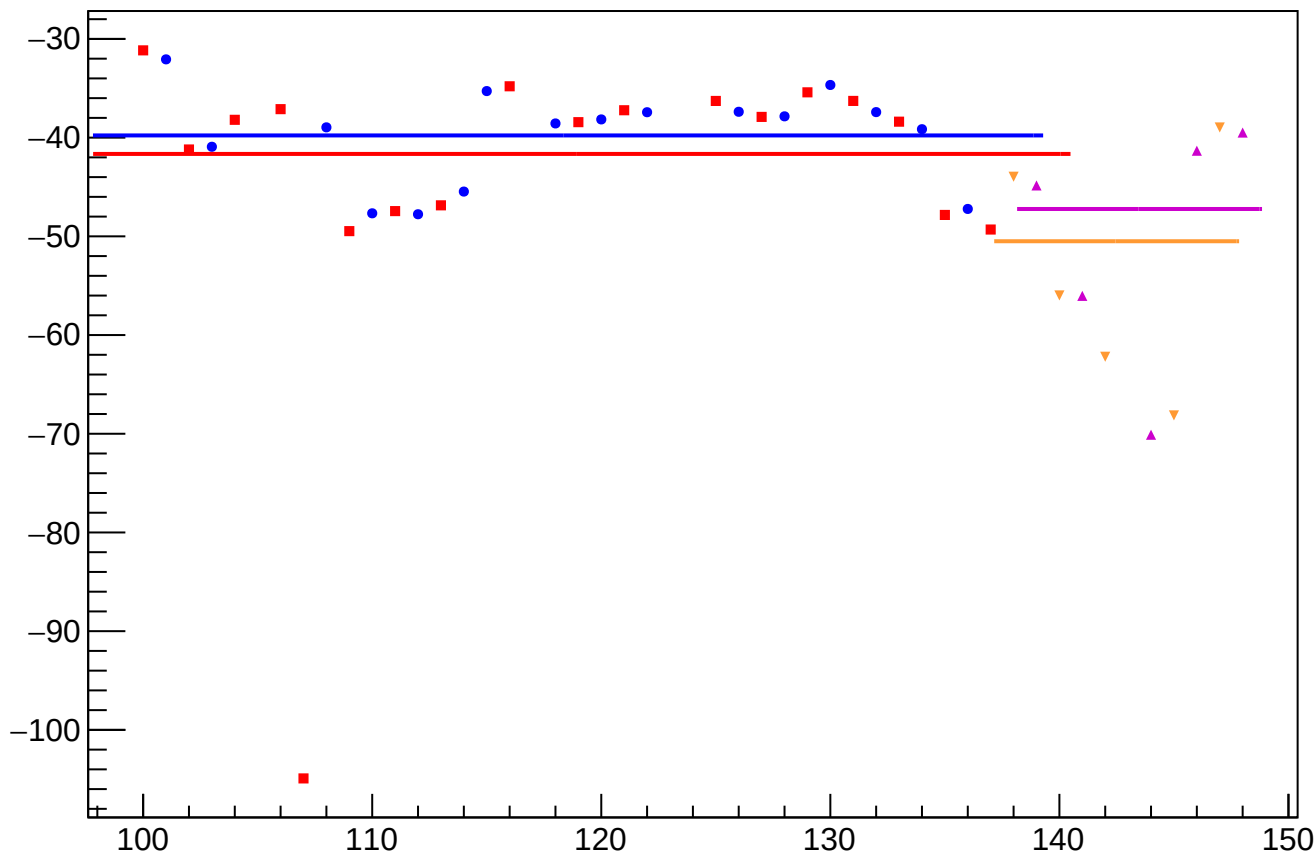
Left In: 18.735 ± 0.708 $\chi^2/\text{NDF}: 197.9/4$

+ sign 12.138 ± 0.421 $\chi^2/\text{NDF}: 714.9/20$

All: 11.768 ± 0.296 $\chi^2/\text{NDF}: 1648.3/43$

- sign 11.405 ± 0.417 $\chi^2/\text{NDF}: 931.8/22$

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

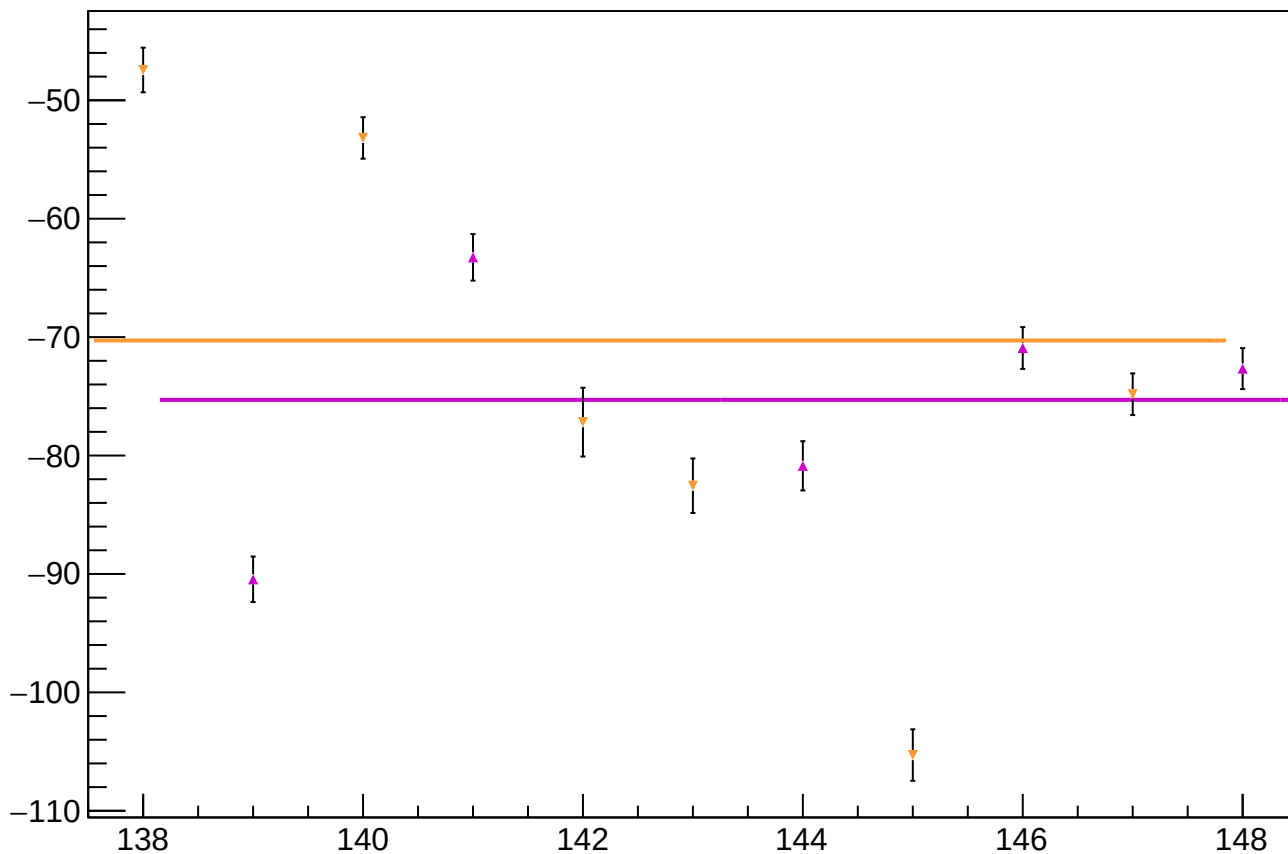
Left In: -47.229±/-0.036 χ^2/NDF : 73383.9/4

+ sign -43.813±/-0.025 χ^2/NDF : 143089.4/20

All: -43.945±/-0.017 χ^2/NDF : 324837.7/43

- sign -44.067±/-0.023 χ^2/NDF : 181692.4/22

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

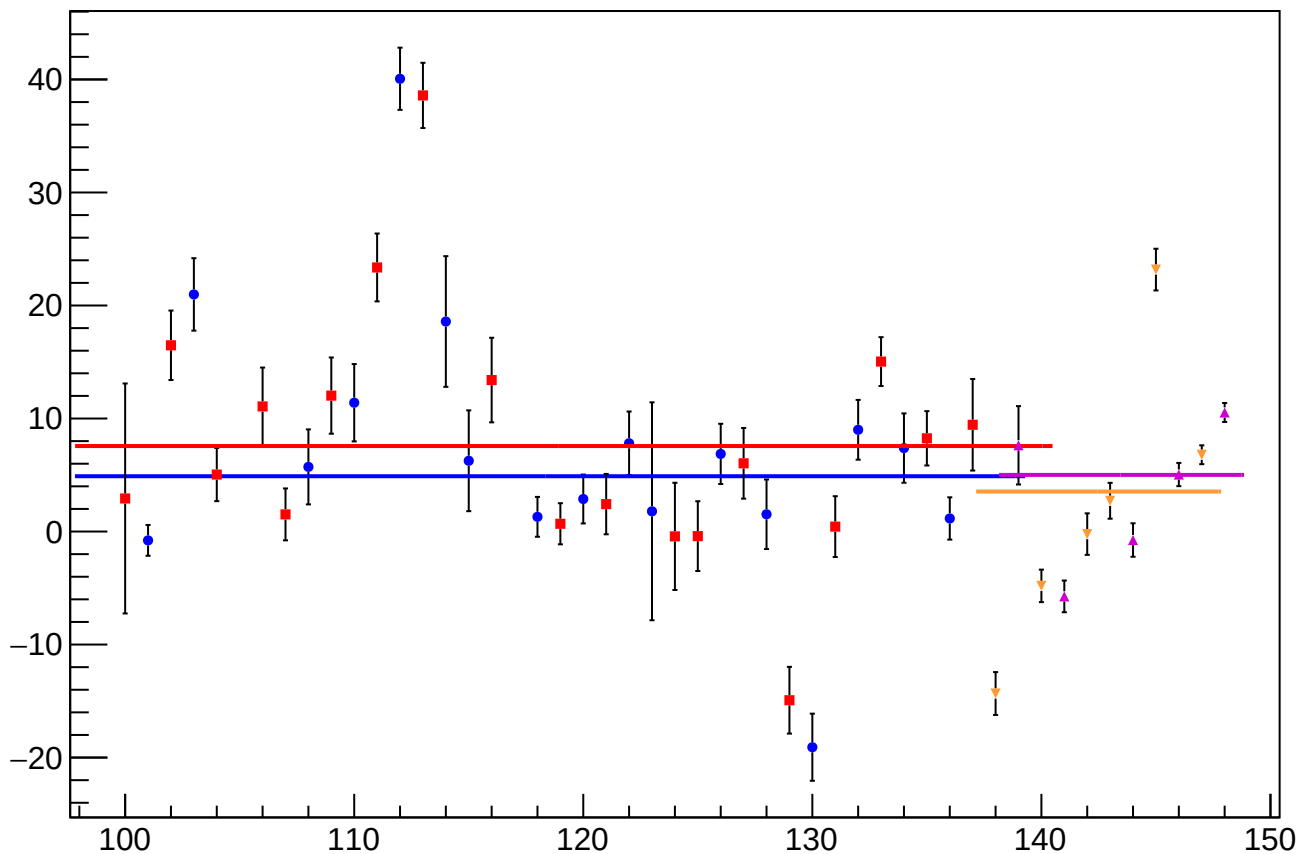
Left In: -75.295+/-0.840 χ^2/NDF : 115.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.761+/-0.591 χ^2/NDF : 675.5/10

- 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

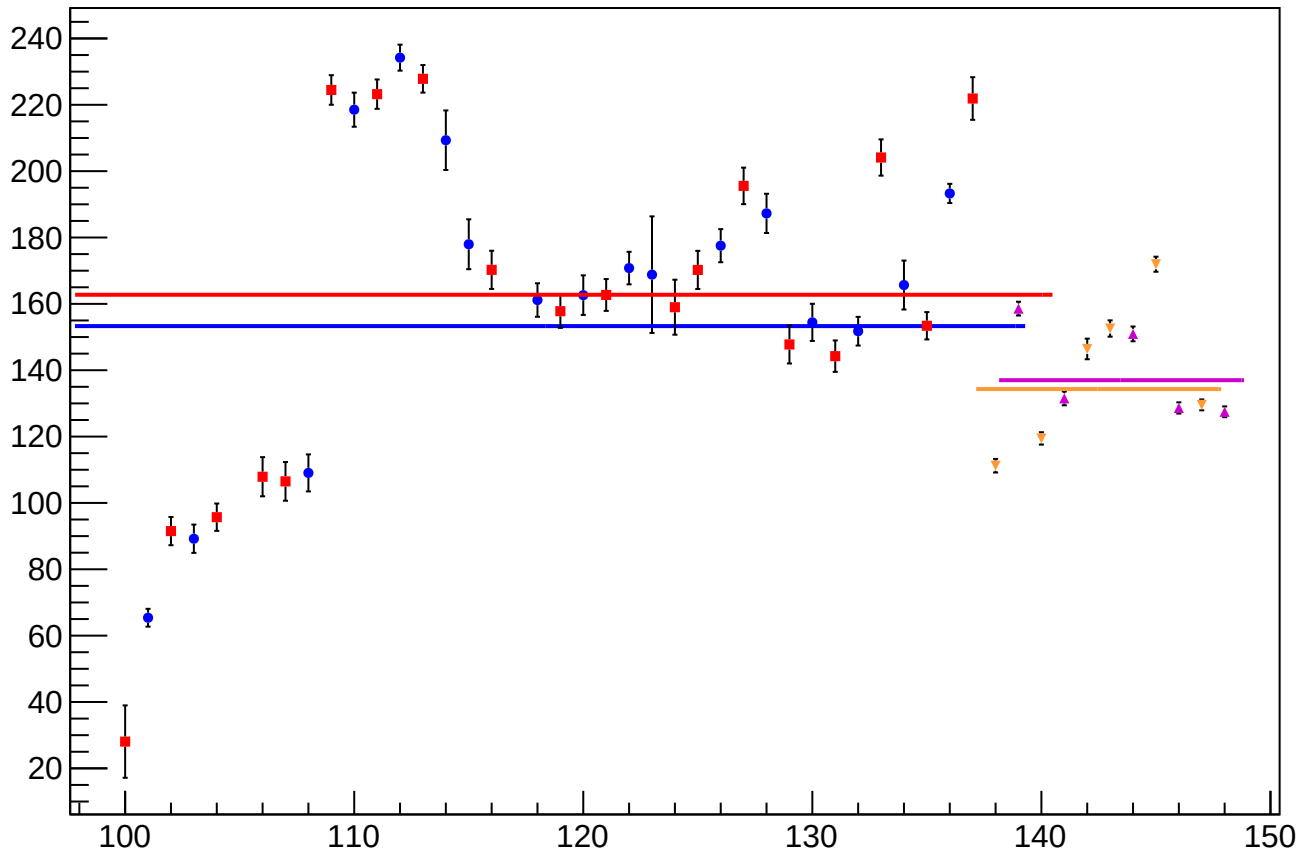
Left In: 5.012 ± 0.541 χ^2/NDF : 117.7/4

+ sign 4.146 ± 0.416 χ^2/NDF : 553.6/22

All: 5.099 ± 0.294 χ^2/NDF : 961.1/46

- sign 6.054 ± 0.416 χ^2/NDF : 397.0/23

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

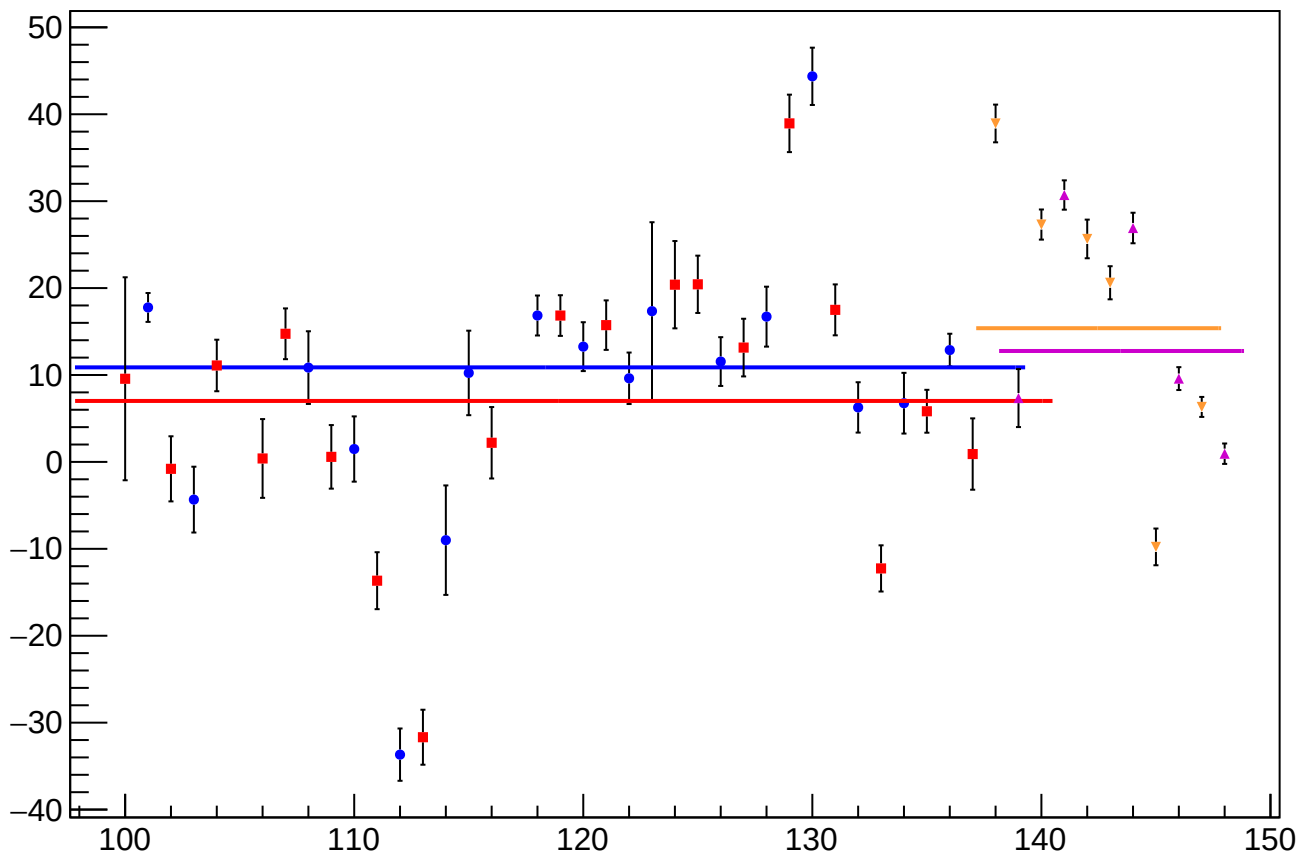
Left In: 136.993 $\pm$ 0.847 χ^2 /NDF: 213.0/4

+ sign 141.143 $\pm$ 0.686 χ^2 /NDF: 2987.7/22

All: 143.460 $\pm$ 0.486 χ^2 /NDF: 5247.8/46

- sign 145.785 $\pm$ 0.687 χ^2 /NDF: 2237.3/23

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

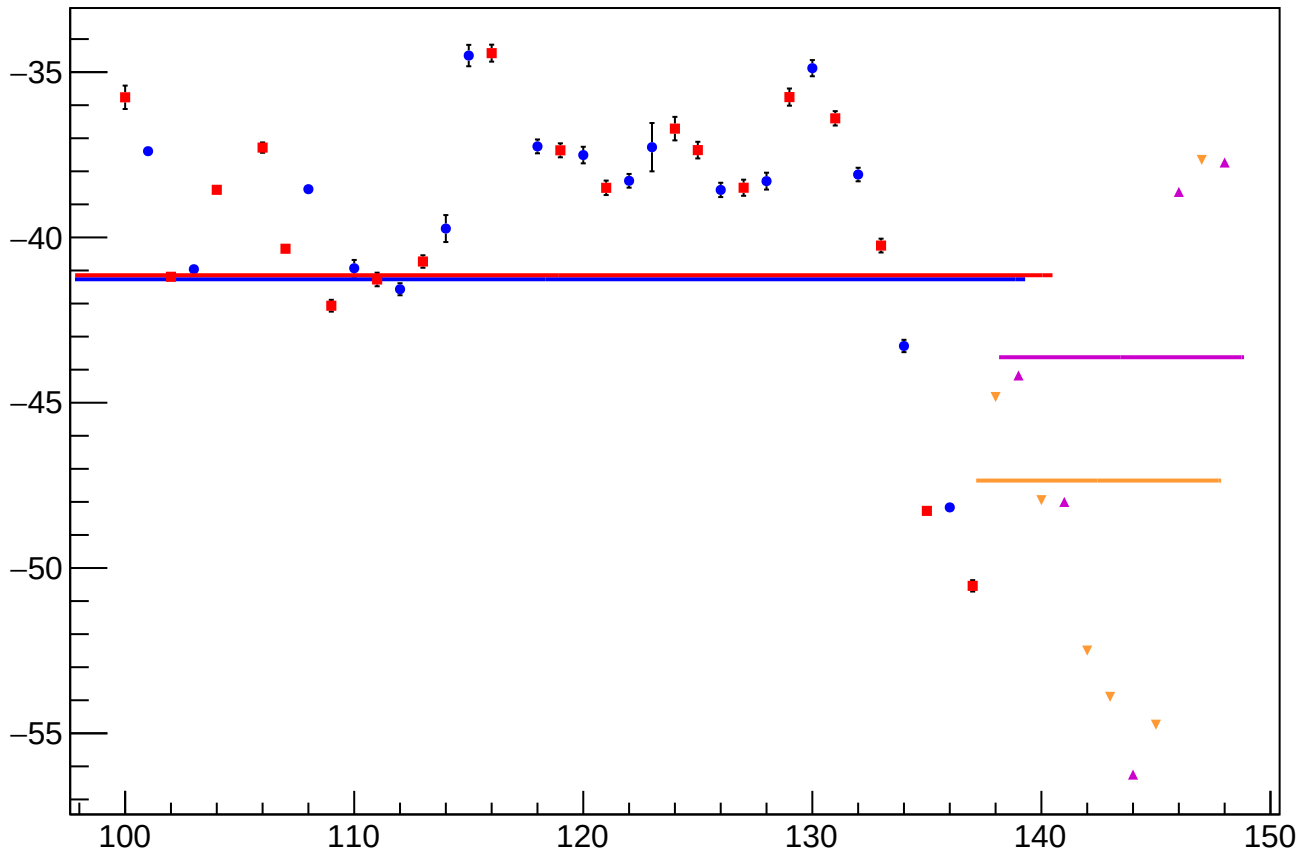
Left In: 12.763 $\pm$ 0.695 χ^2 /NDF: 287.7/4

+ sign 13.152 $\pm$ 0.502 χ^2 /NDF: 806.0/22

All: 11.647 $\pm$ 0.358 χ^2 /NDF: 1568.1/46

- sign 10.098 $\pm$ 0.509 χ^2 /NDF: 743.9/23

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.265 ± 0.038 χ^2/NDF : 12570.1/16

Left Out: -47.355 ± 0.036 χ^2/NDF : 29635.0/5

Right Out: -41.144 ± 0.039 χ^2/NDF : 12218.7/18

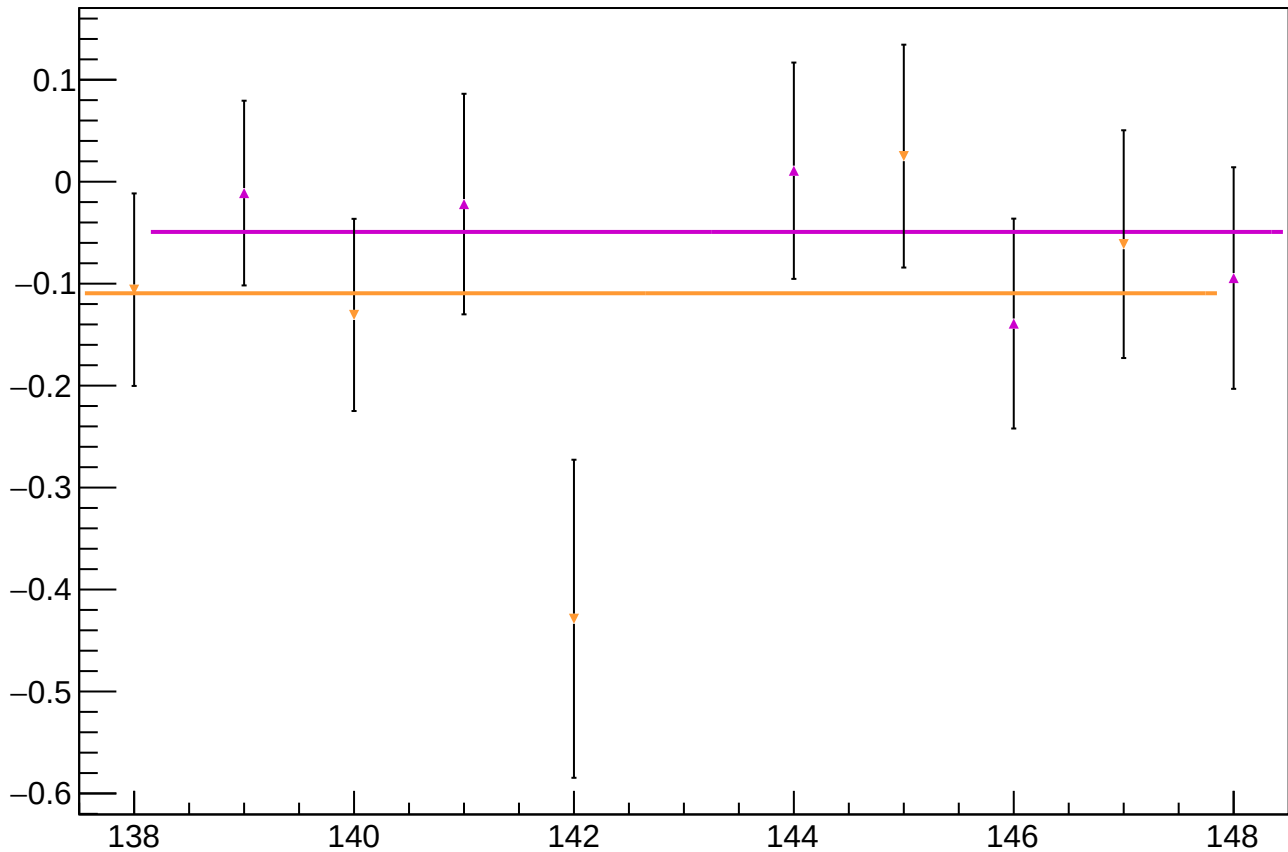
Left In: -43.624 ± 0.035 χ^2/NDF : 30881.7/4

+ sign -44.495 ± 0.026 χ^2/NDF : 55478.6/22

All: -43.483 ± 0.019 χ^2/NDF : 103736.7/46

- sign -42.496 ± 0.026 χ^2/NDF : 45349.4/23

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.109+/-0.048 χ^2/NDF : 5.9/4

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

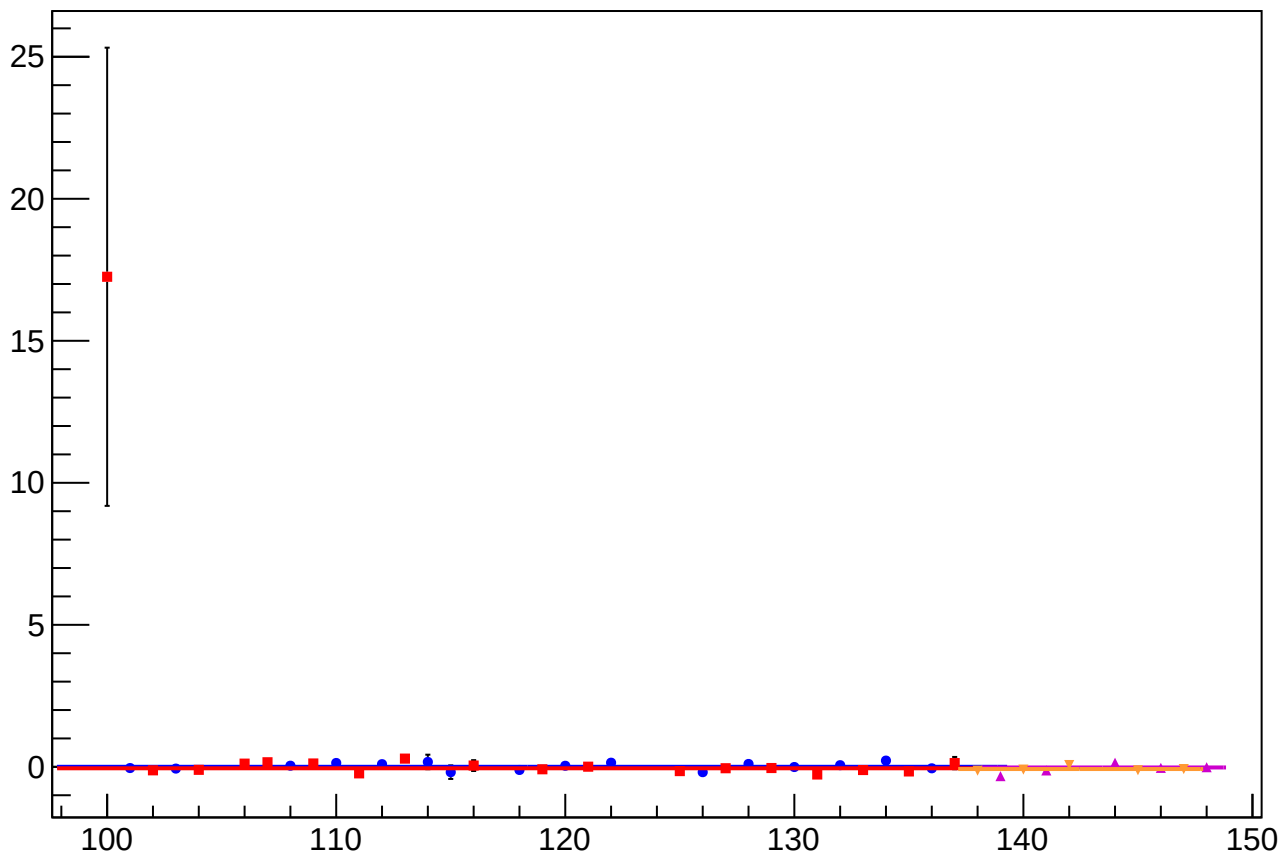
Left In: -0.049+/-0.046 χ^2/NDF : 1.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.078+/-0.033 χ^2/NDF : 8.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.002 ± 0.028 χ^2/NDF : 12.5/15

Left Out: -0.077 ± 0.035 χ^2/NDF : 2.6/4

Right Out: -0.051 ± 0.029 χ^2/NDF : 25.8/17

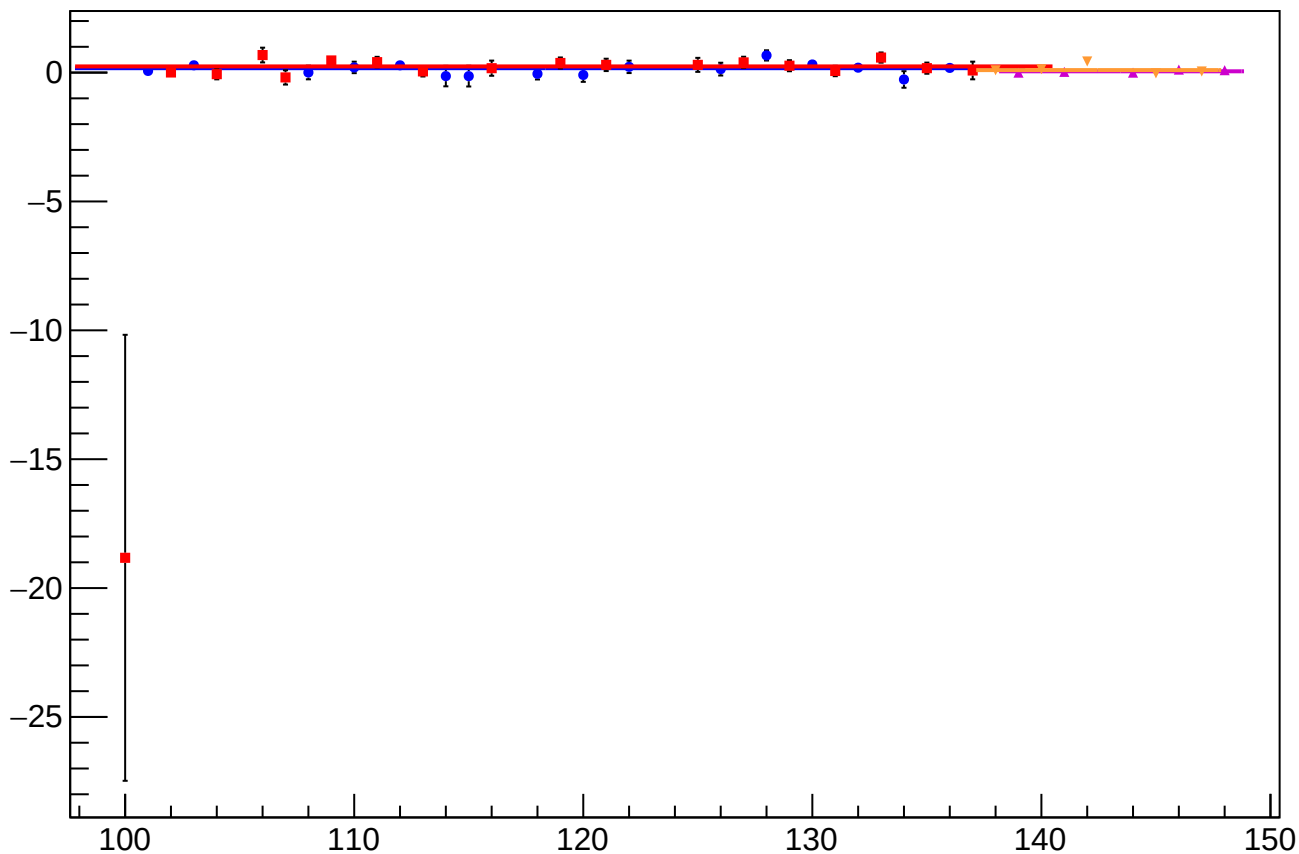
Left In: -0.022 ± 0.032 χ^2/NDF : 10.2/4

+ sign -0.030 ± 0.022 χ^2/NDF : 18.3/20

All: -0.034 ± 0.015 χ^2/NDF : 54.8/43

- sign -0.038 ± 0.022 χ^2/NDF : 36.4/22

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

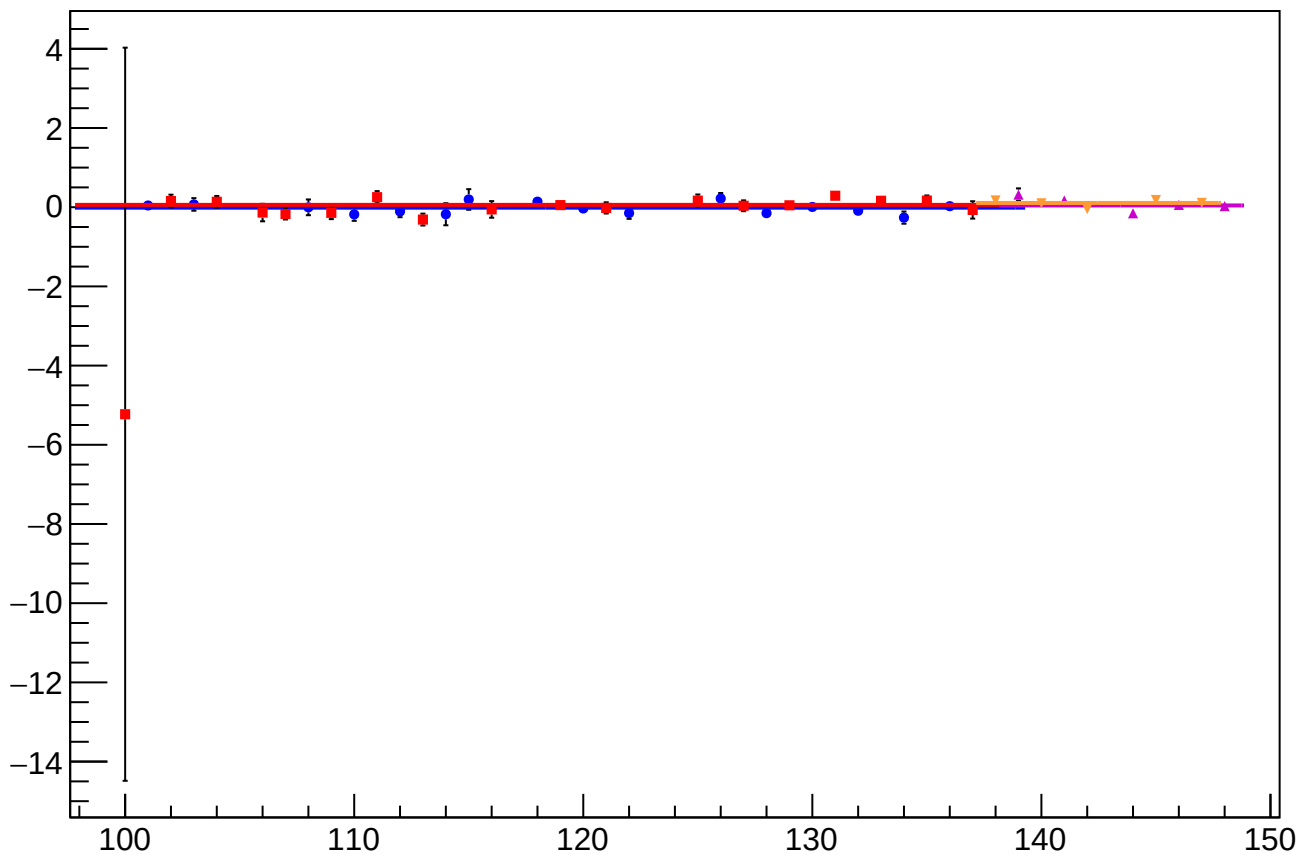
Left In: 0.050 $\pm$ 0.047 χ^2 /NDF: 1.2/4

+ sign 0.132 $\pm$ 0.036 χ^2 /NDF: 20.4/20

All: 0.131 $\pm$ 0.025 χ^2 /NDF: 50.3/43

- sign 0.131 $\pm$ 0.035 χ^2 /NDF: 30.0/22

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

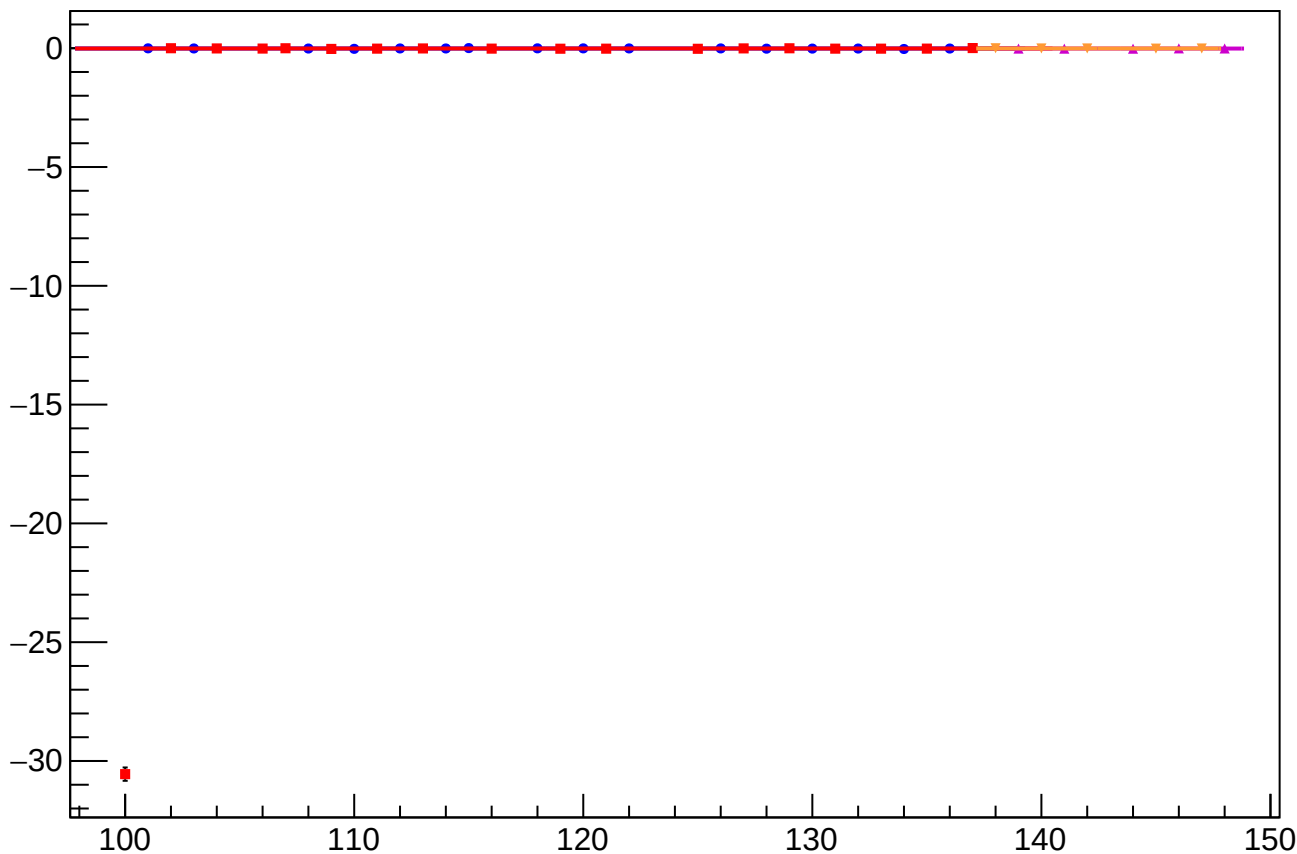
Left In: 0.044 ± 0.040 χ^2/NDF : 9.7/4

+ sign 0.032 ± 0.026 χ^2/NDF : 21.0/20

All: 0.042 ± 0.018 χ^2/NDF : 51.8/43

- sign 0.053 ± 0.026 χ^2/NDF : 30.4/22

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

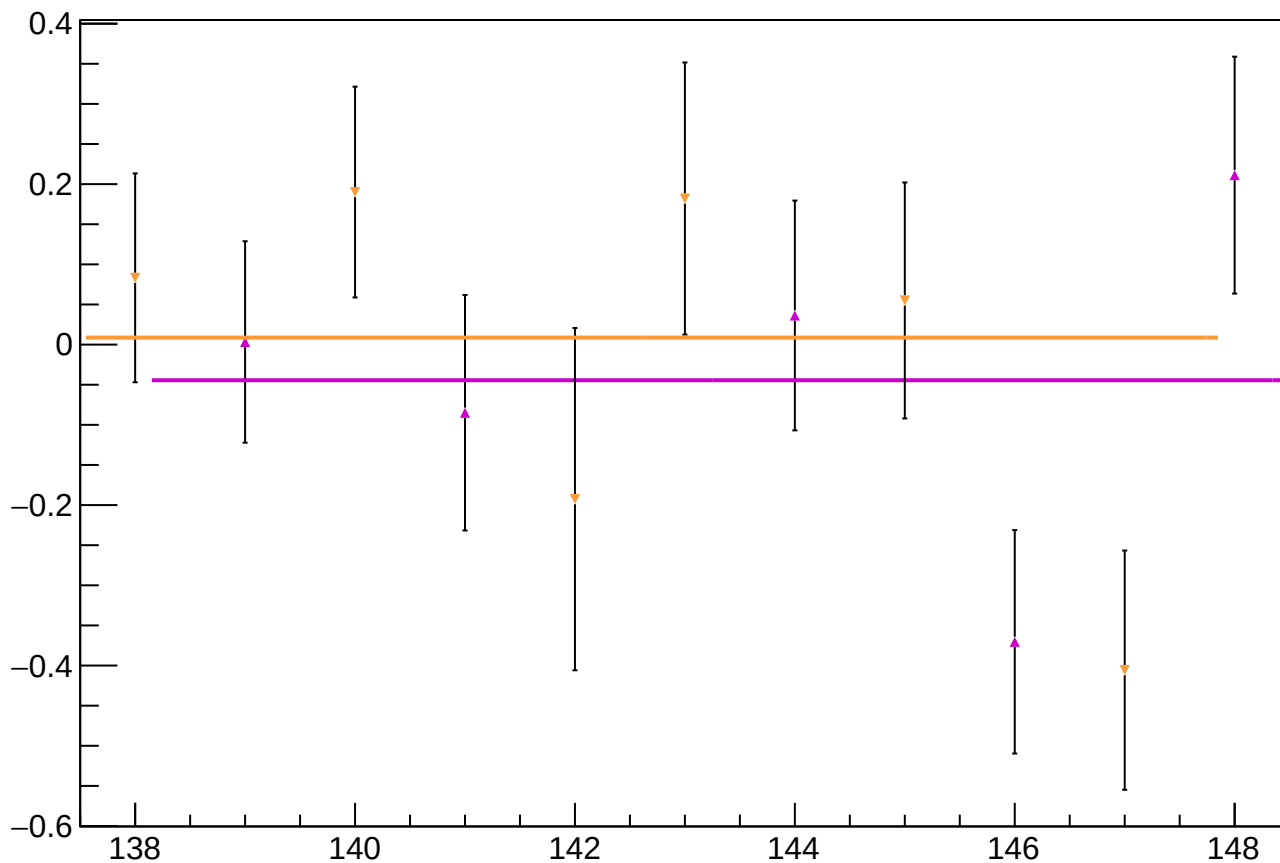
Left In: -0.014 +/- 0.002 χ^2/NDF : 5.8/4

+ sign -0.011 +/- 0.001 χ^2/NDF : 20.7/20

All: -0.012 +/- 0.001 χ^2/NDF : 11919.8/43

- sign -0.013 +/- 0.001 χ^2/NDF : 11897.9/22

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

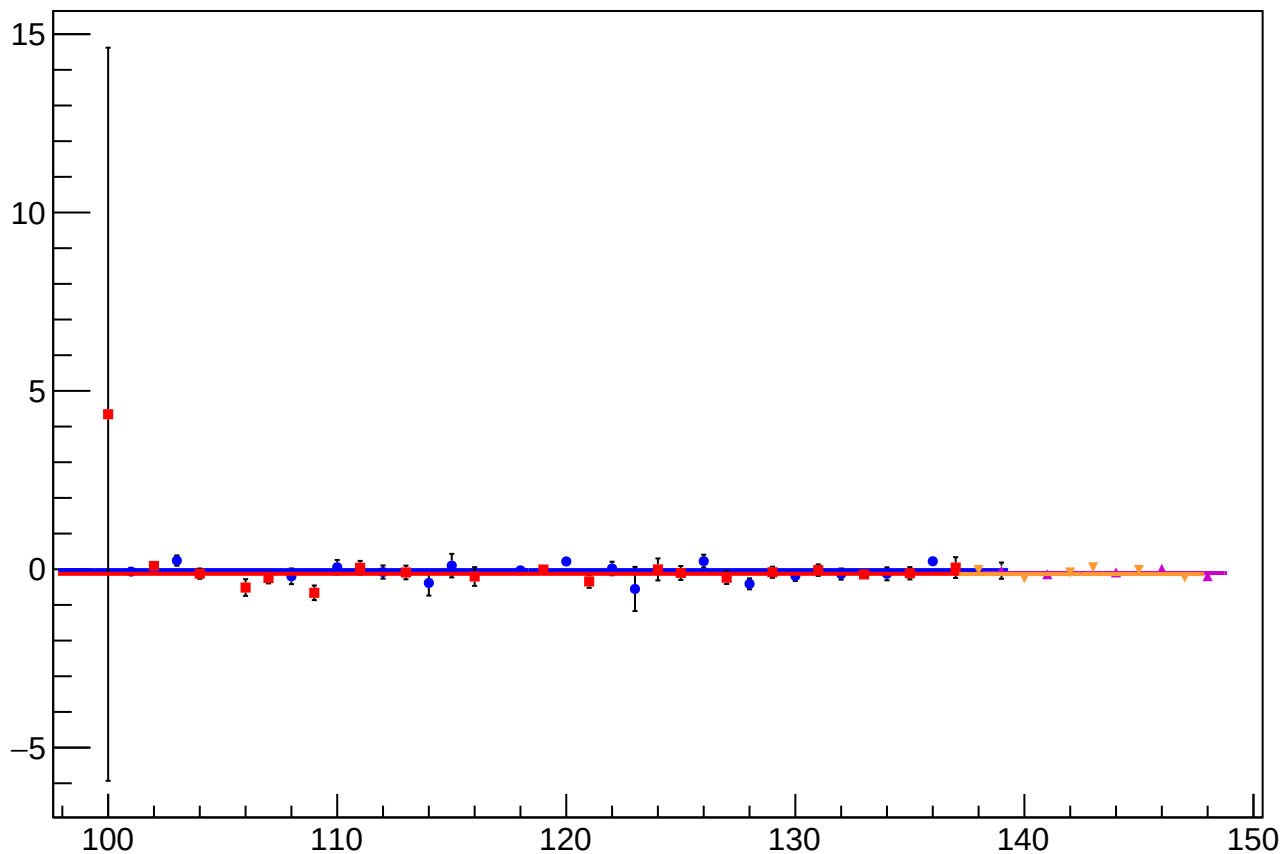
Left In: -0.044 $\pm$ 0.062 χ^2 /NDF: 9.0/4

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

All: -0.017 $\pm$ 0.044 χ^2 /NDF: 21.4/10

- 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

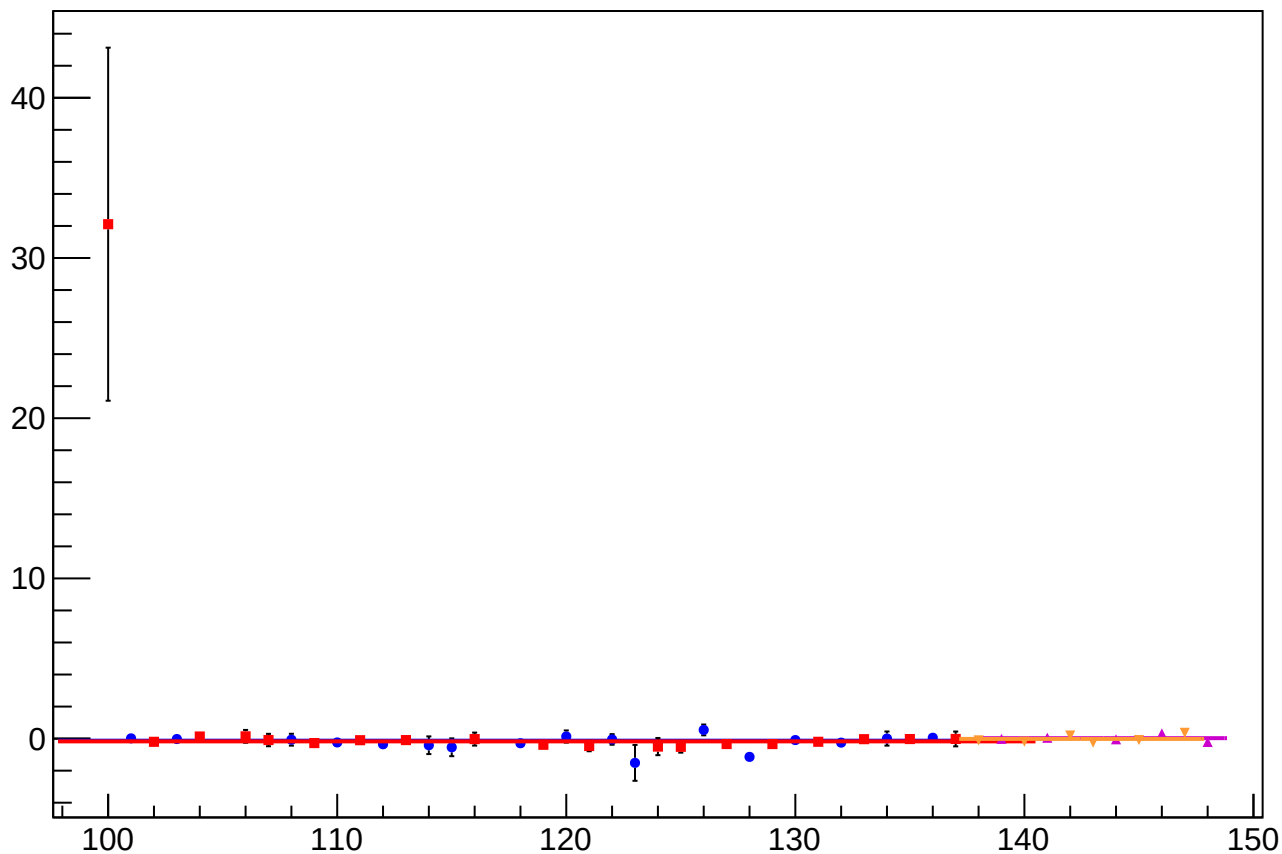
Left In: -0.106 ± 0.043 χ^2/NDF : 3.8/4

+ sign -0.070 ± 0.028 χ^2/NDF : 34.5/22

All: -0.093 ± 0.020 χ^2/NDF : 57.5/46

- sign -0.118 ± 0.029 χ^2/NDF : 21.6/23

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

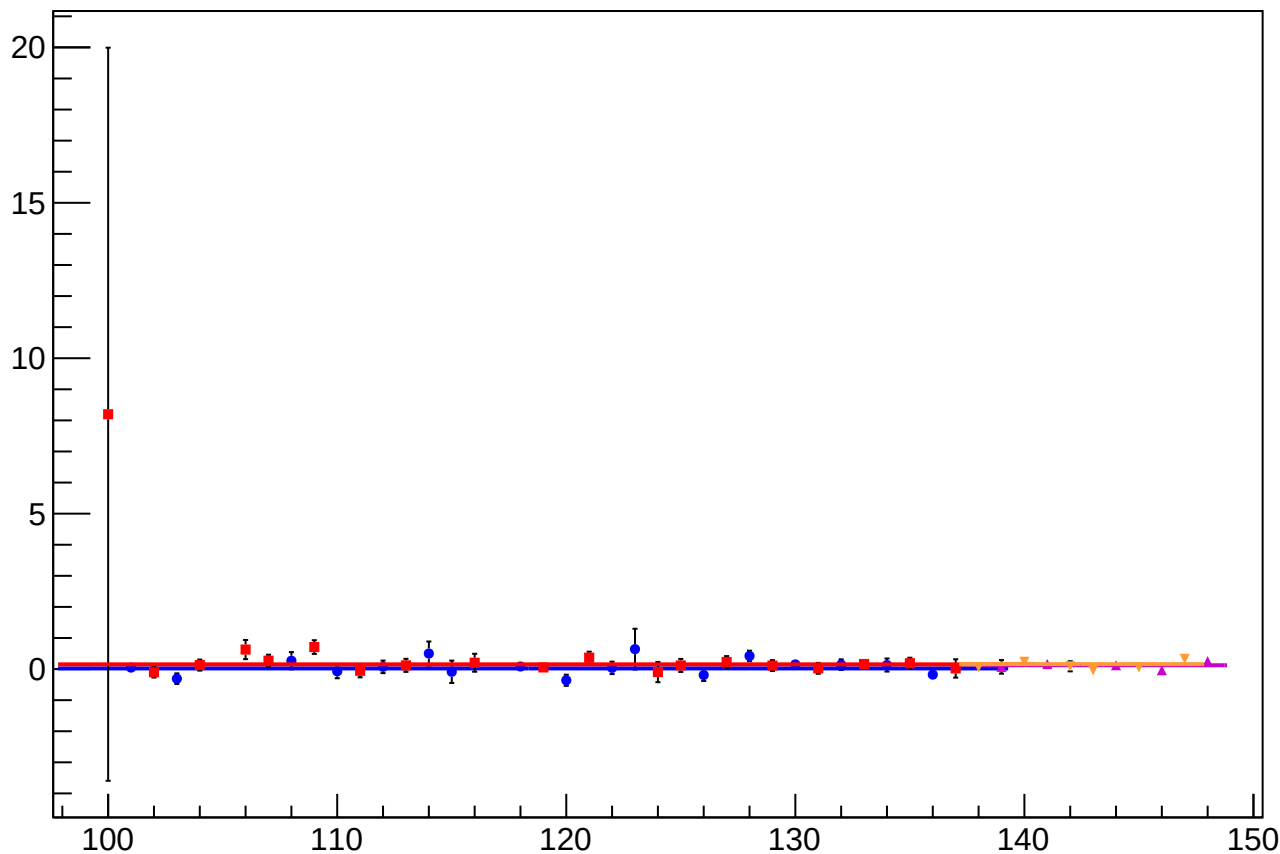
Left In: 0.029 ± 0.064 χ^2/NDF : 8.2/4

+ sign -0.071 ± 0.046 χ^2/NDF : 37.4/22

All: -0.066 ± 0.033 χ^2/NDF : 65.0/46

- sign -0.061 ± 0.047 χ^2/NDF : 27.6/23

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.021 ± 0.042 χ^2/NDF : 22.5/16

Left Out: 0.159 ± 0.054 χ^2/NDF : 6.6/5

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.2/18

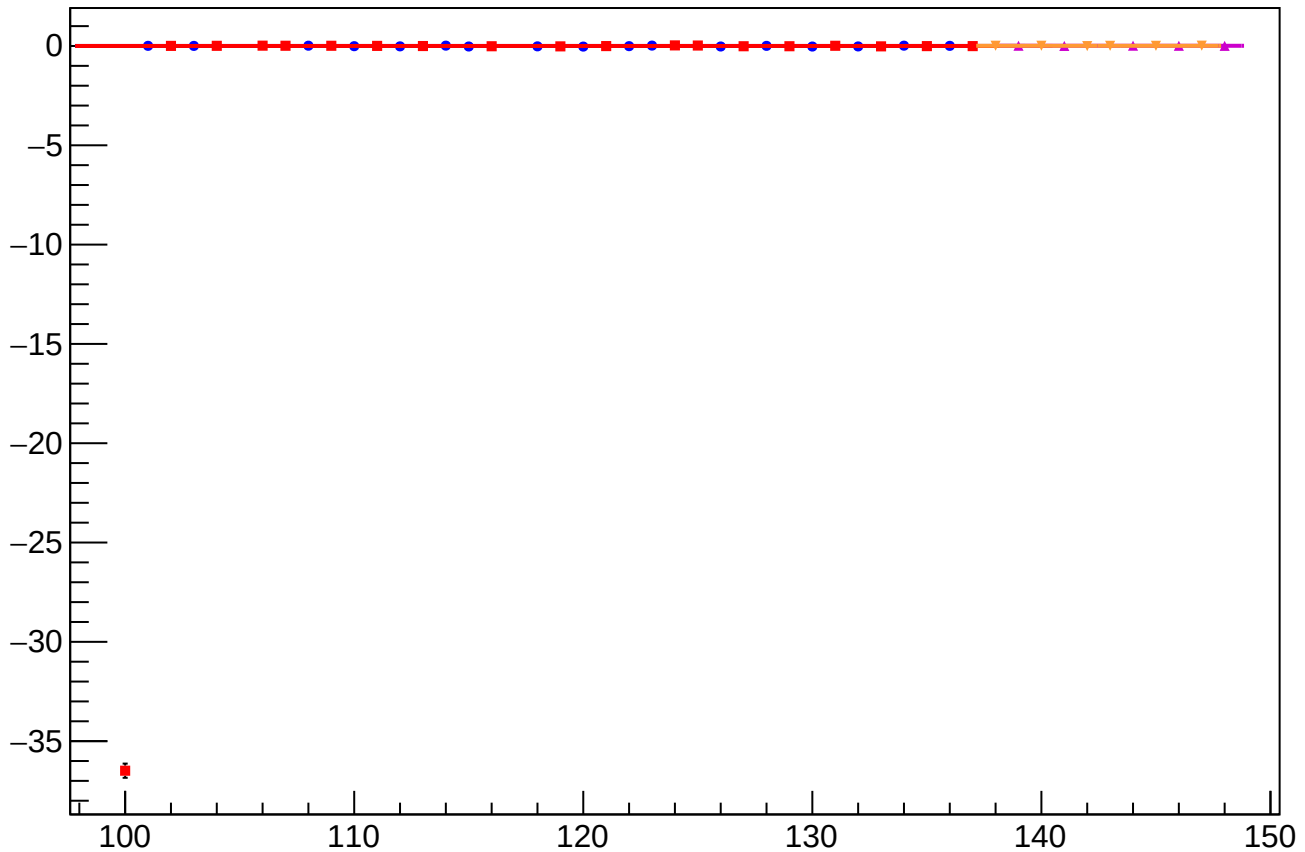
Left In: 0.123 ± 0.054 χ^2/NDF : 4.2/4

+ sign 0.073 ± 0.033 χ^2/NDF : 33.1/22

All: 0.105 ± 0.024 χ^2/NDF : 55.6/46

- sign 0.140 ± 0.035 χ^2/NDF : 20.6/23

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

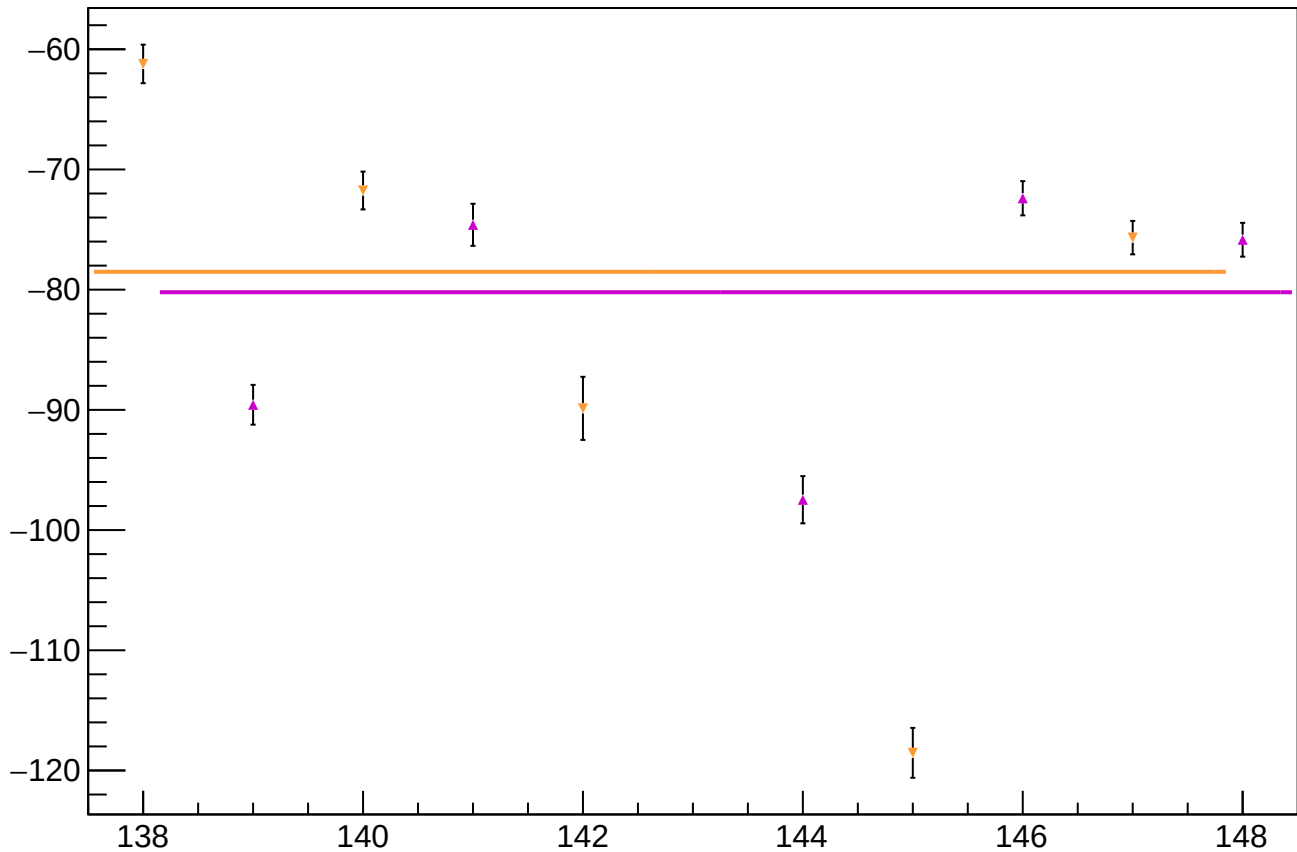
Left In: 0.010 $\pm$ 0.003 χ^2 /NDF: 2.3/4

+ sign 0.005 $\pm$ 0.002 χ^2 /NDF: 42.9/22

All: 0.005 $\pm$ 0.001 χ^2 /NDF: 10501.5/46

- sign 0.005 $\pm$ 0.002 χ^2 /NDF: 10458.6/23

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

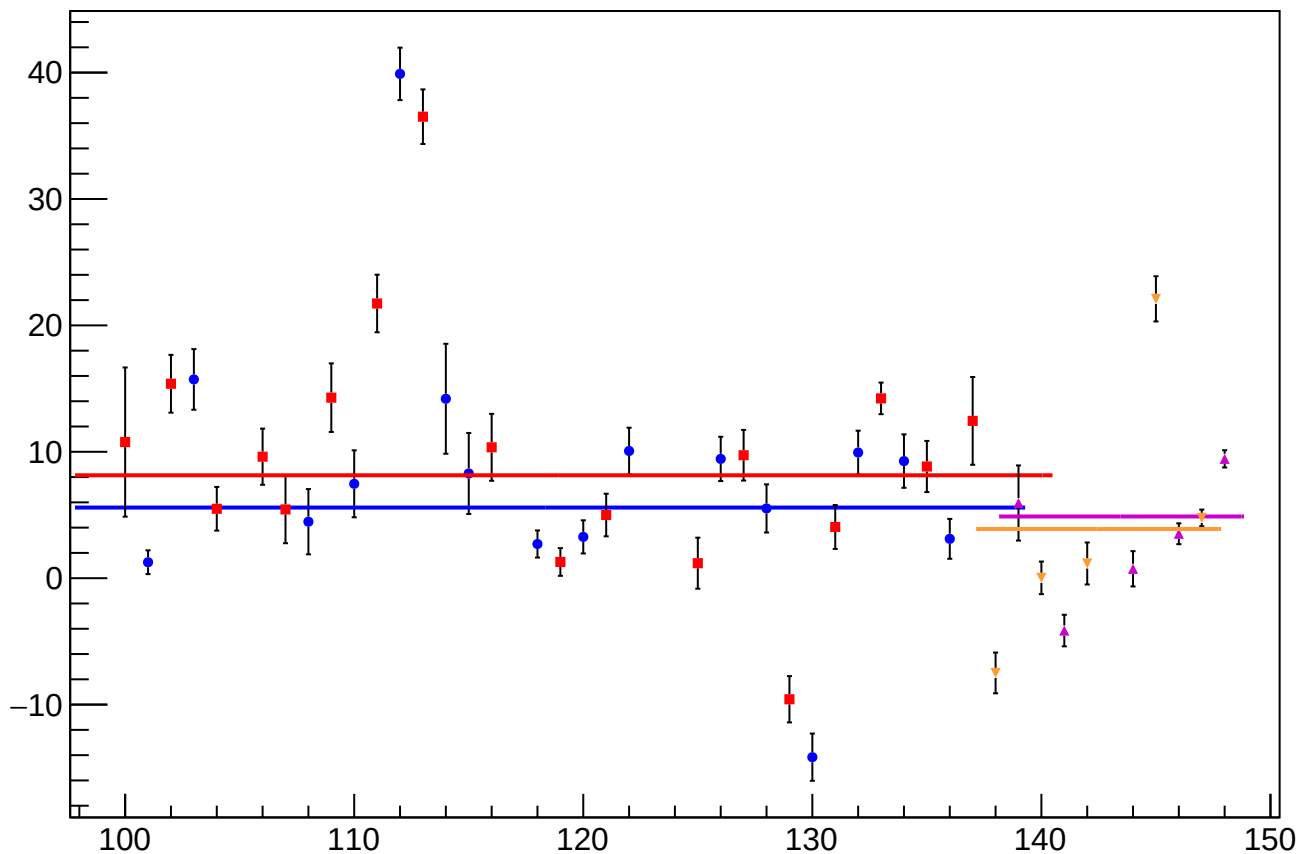
Left In: -80.213+/-0.716 χ^2/NDF : 159.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.424+/-0.524 χ^2/NDF : 691.7/9

- 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

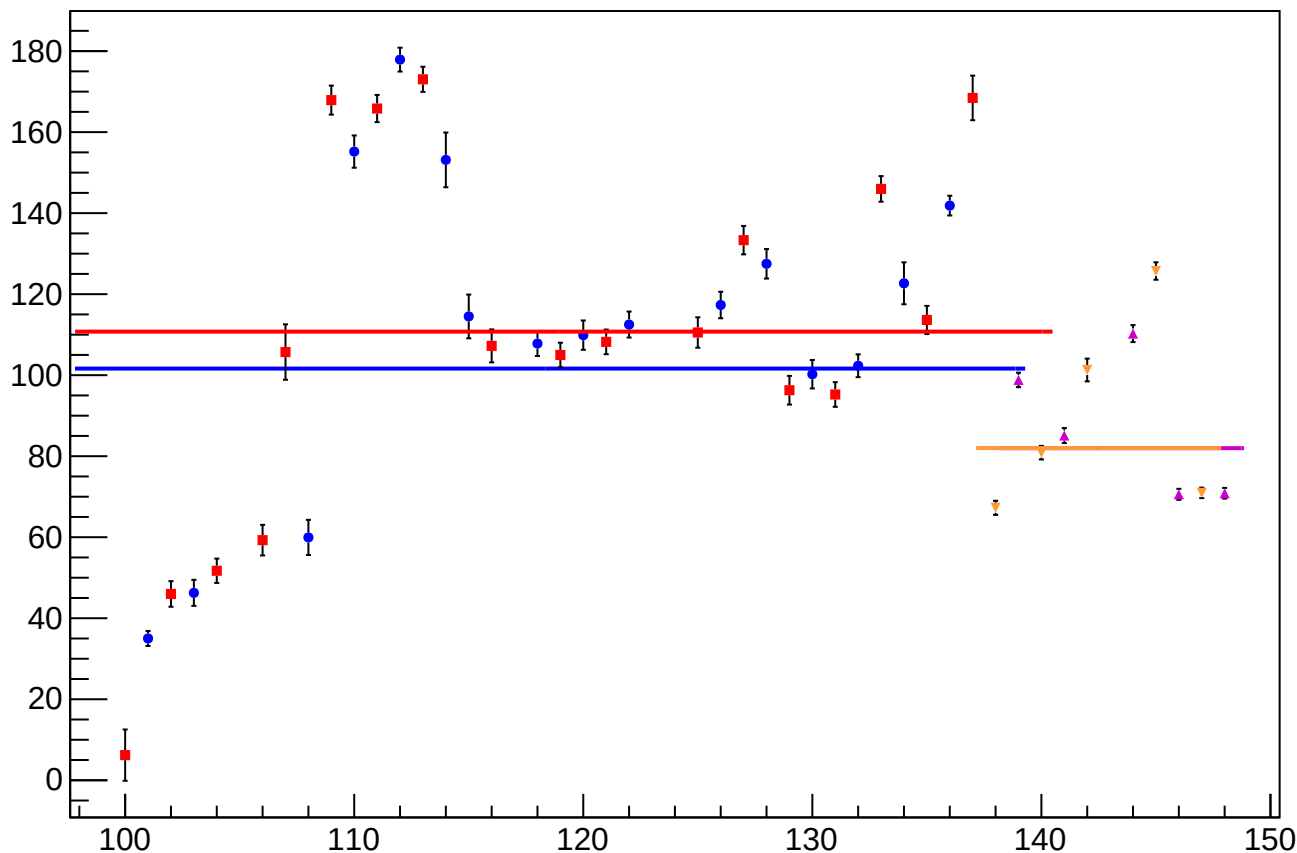
Left In: 4.883 ± 0.452 χ^2/NDF : 108.6/4

+ sign 4.885 ± 0.324 χ^2/NDF : 636.5/20

All: 5.705 ± 0.228 χ^2/NDF : 1191.4/43

- sign 6.508 ± 0.320 χ^2/NDF : 542.2/22

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.631 $\pm$ 0.807 χ^2 /NDF: 2978.9/15

Left Out: 82.009 $\pm$ 0.785 χ^2 /NDF:603.8/4

Right Out: 110.756 $\pm$ 0.836 χ^2 /NDF: 2513.0/17

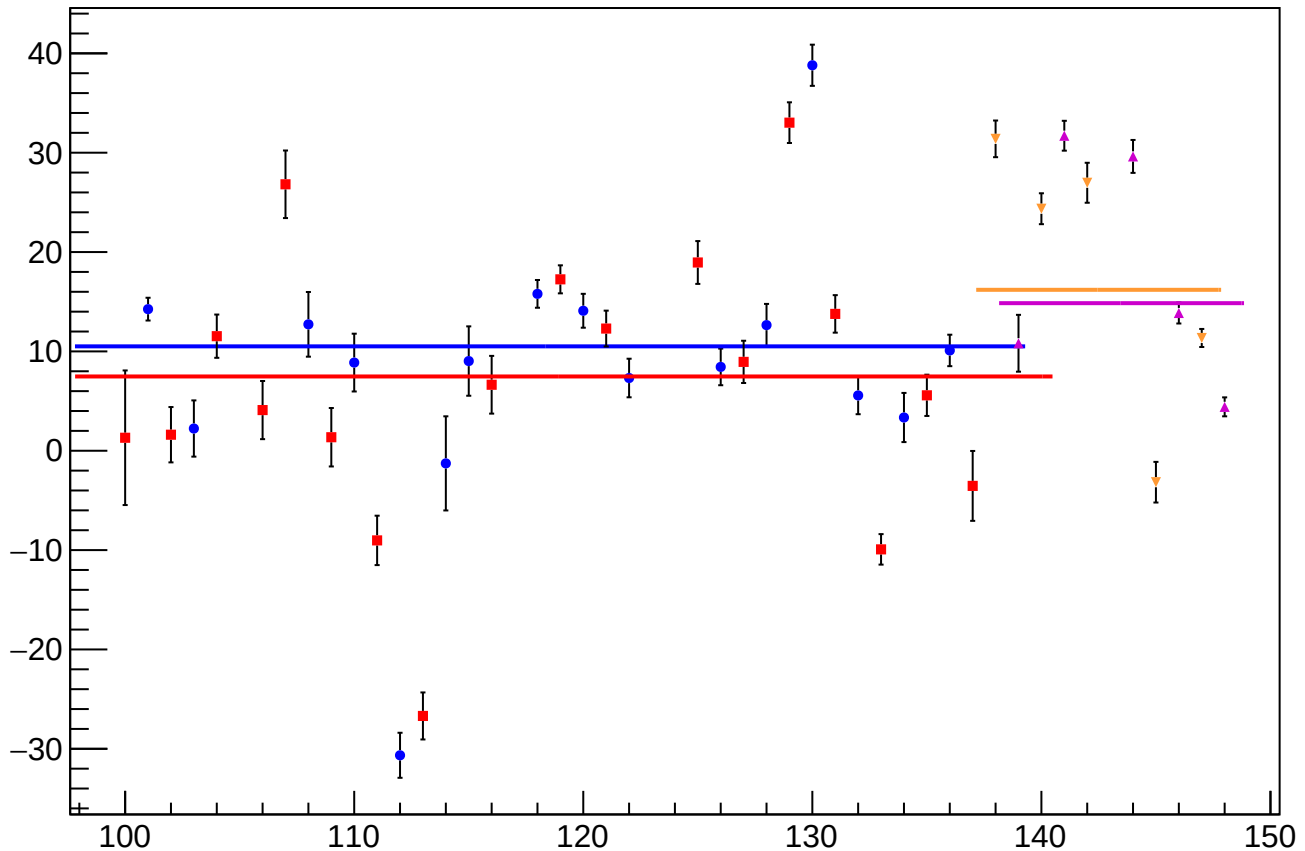
Left In: 81.980 $\pm$ 0.717 χ^2 /NDF:414.1/4

+ sign 91.549 $\pm$ 0.563 χ^2 /NDF: 3886.5/20

All: 92.908 $\pm$ 0.391 χ^2 /NDF: 7507.0/43

- sign 94.181 $\pm$ 0.544 χ^2 /NDF: 3609.2/22

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.508 ± 0.492 χ^2/NDF : 581.5/15

Left Out: 16.200 ± 0.645 χ^2/NDF : 242.1/4

Right Out: 7.477 ± 0.524 χ^2/NDF : 689.3/17

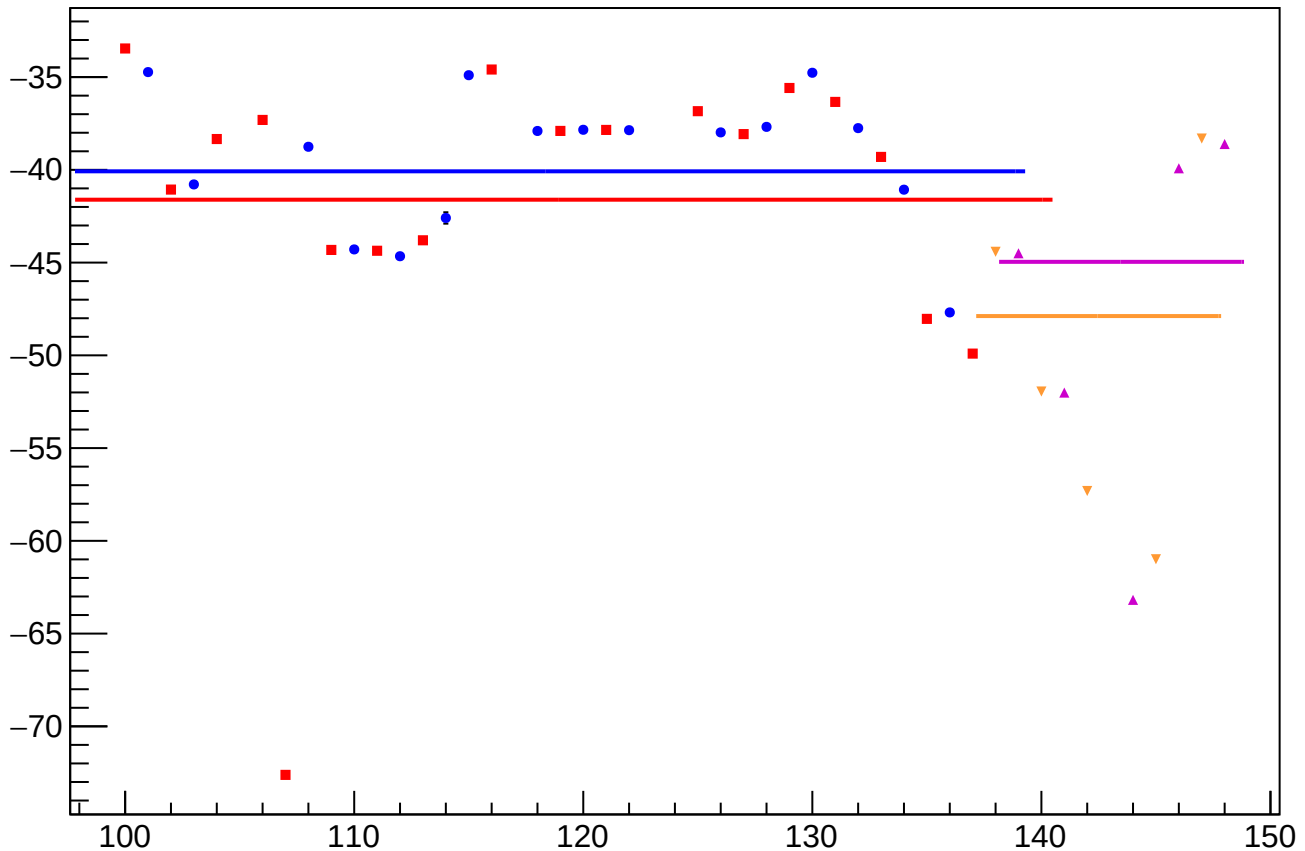
Left In: 14.855 ± 0.585 χ^2/NDF : 327.9/4

+ sign 12.602 ± 0.391 χ^2/NDF : 872.8/20

All: 11.680 ± 0.276 χ^2/NDF : 1989.4/43

- sign 10.762 ± 0.390 χ^2/NDF : 1105.5/22

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.080 ± 0.028 $\chi^2/\text{NDF}: 25123.9/15$

Left Out: -47.883 ± 0.034 $\chi^2/\text{NDF}: 60702.7/4$

Right Out: -41.609 ± 0.029 $\chi^2/\text{NDF}: 61784.6/17$

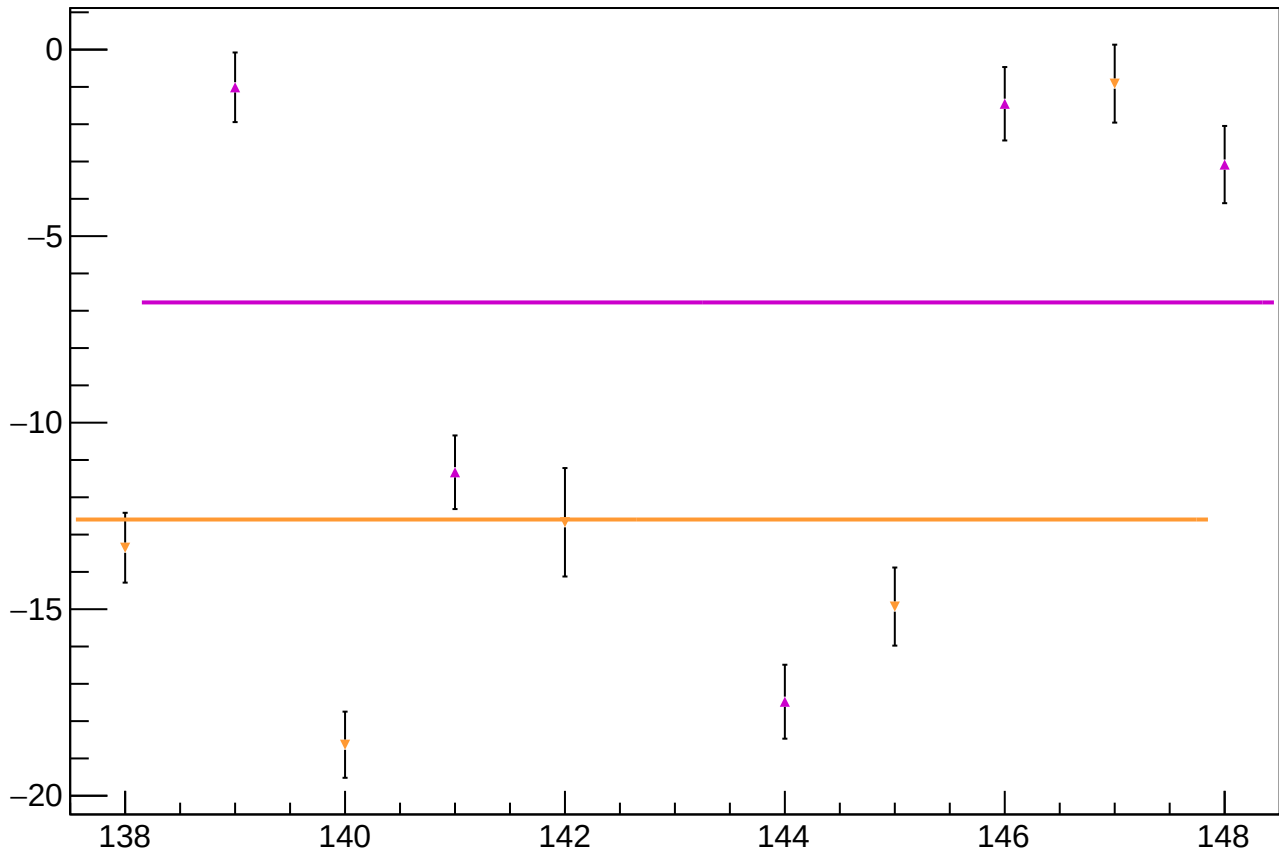
Left In: -44.959 ± 0.030 $\chi^2/\text{NDF}: 67079.3/4$

+ sign -43.295 ± 0.022 $\chi^2/\text{NDF}: 117384.1/20$

All: -43.248 ± 0.015 $\chi^2/\text{NDF}: 252804.8/43$

- sign -43.205 ± 0.021 $\chi^2/\text{NDF}: 135411.7/22$

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

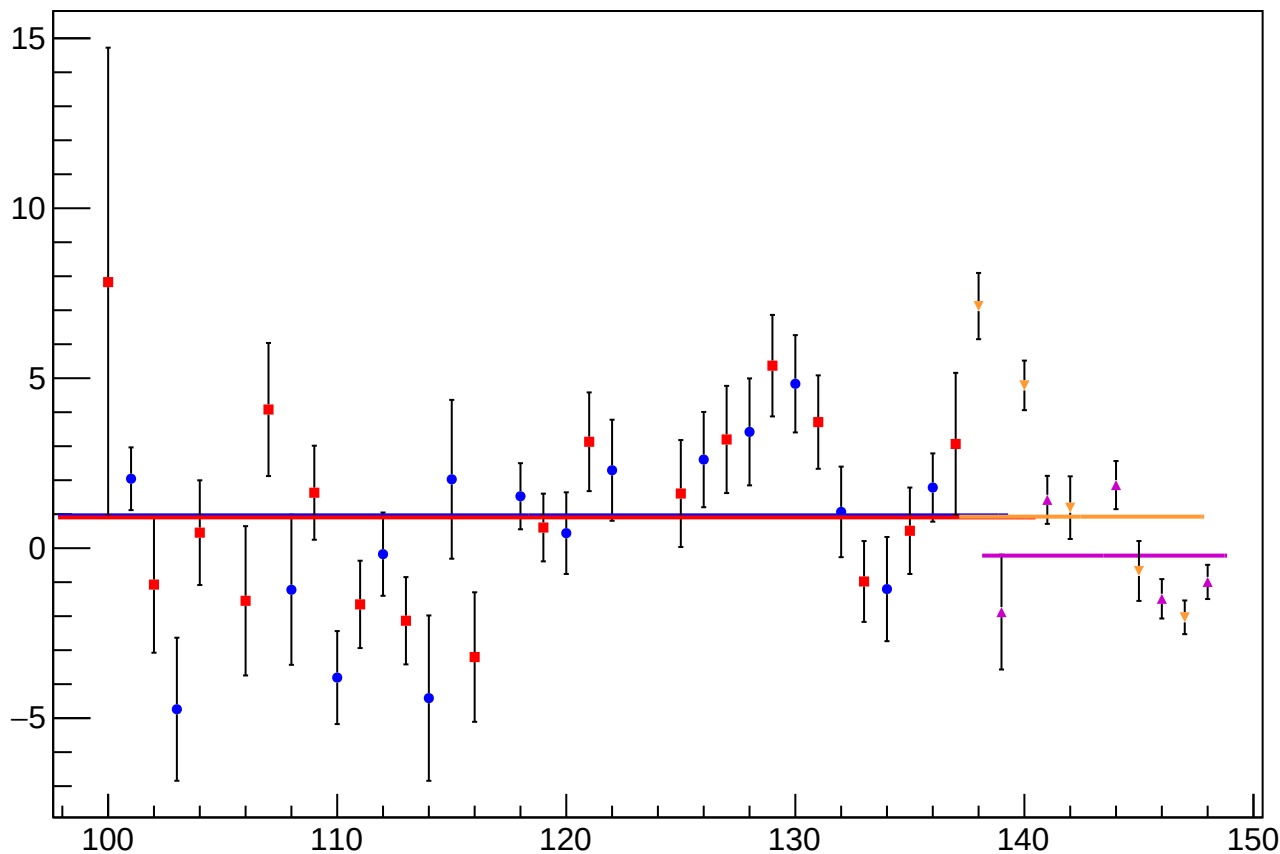
Left In: -6.777+/-0.440 χ^2/NDF : 218.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.556+/-0.318 χ^2/NDF : 478.6/9

- 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

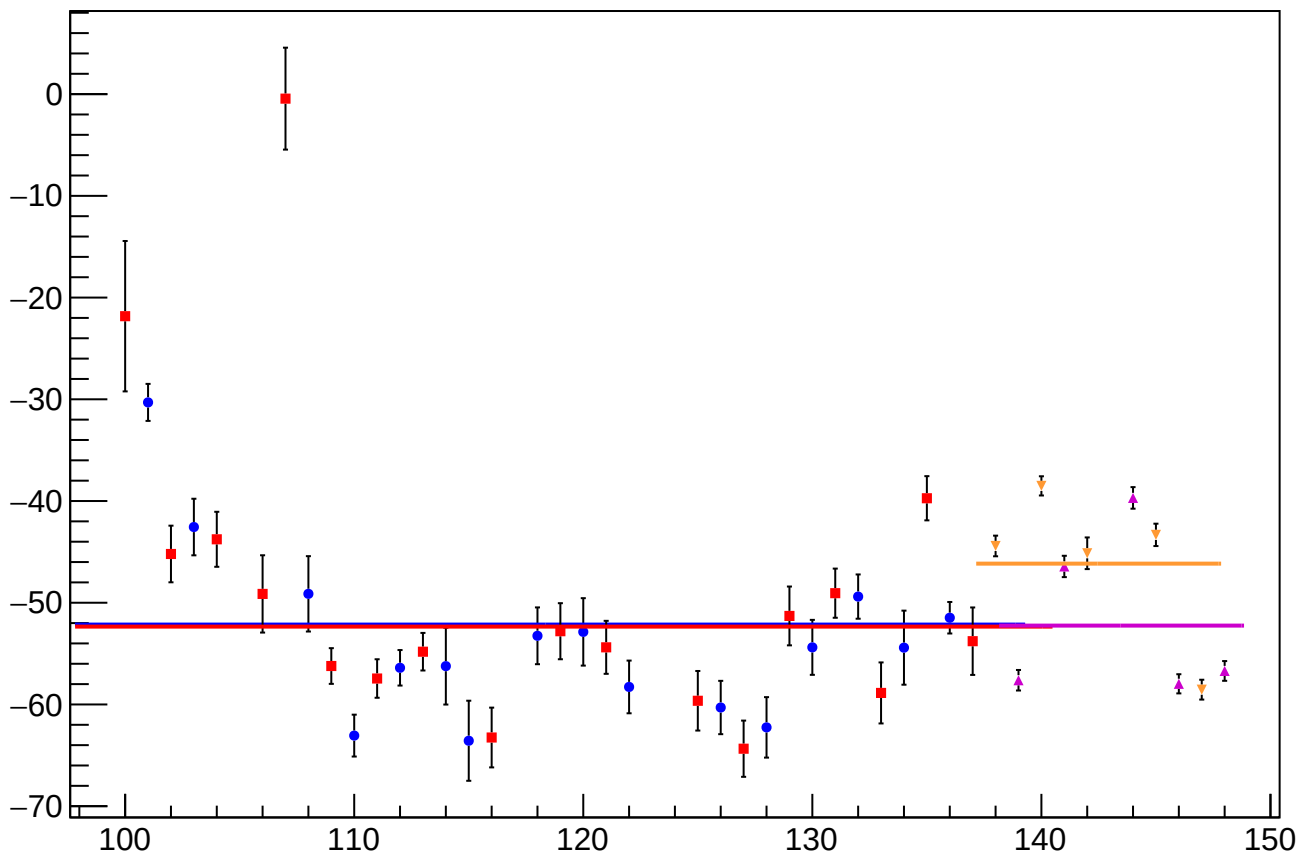
Left In: -0.218 ± 0.298 χ^2/NDF : 22.1/4

+ sign 0.946 ± 0.234 χ^2/NDF : 150.5/20

All: 0.587 ± 0.163 χ^2/NDF : 225.0/43

- sign 0.248 ± 0.228 χ^2/NDF : 70.0/22

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

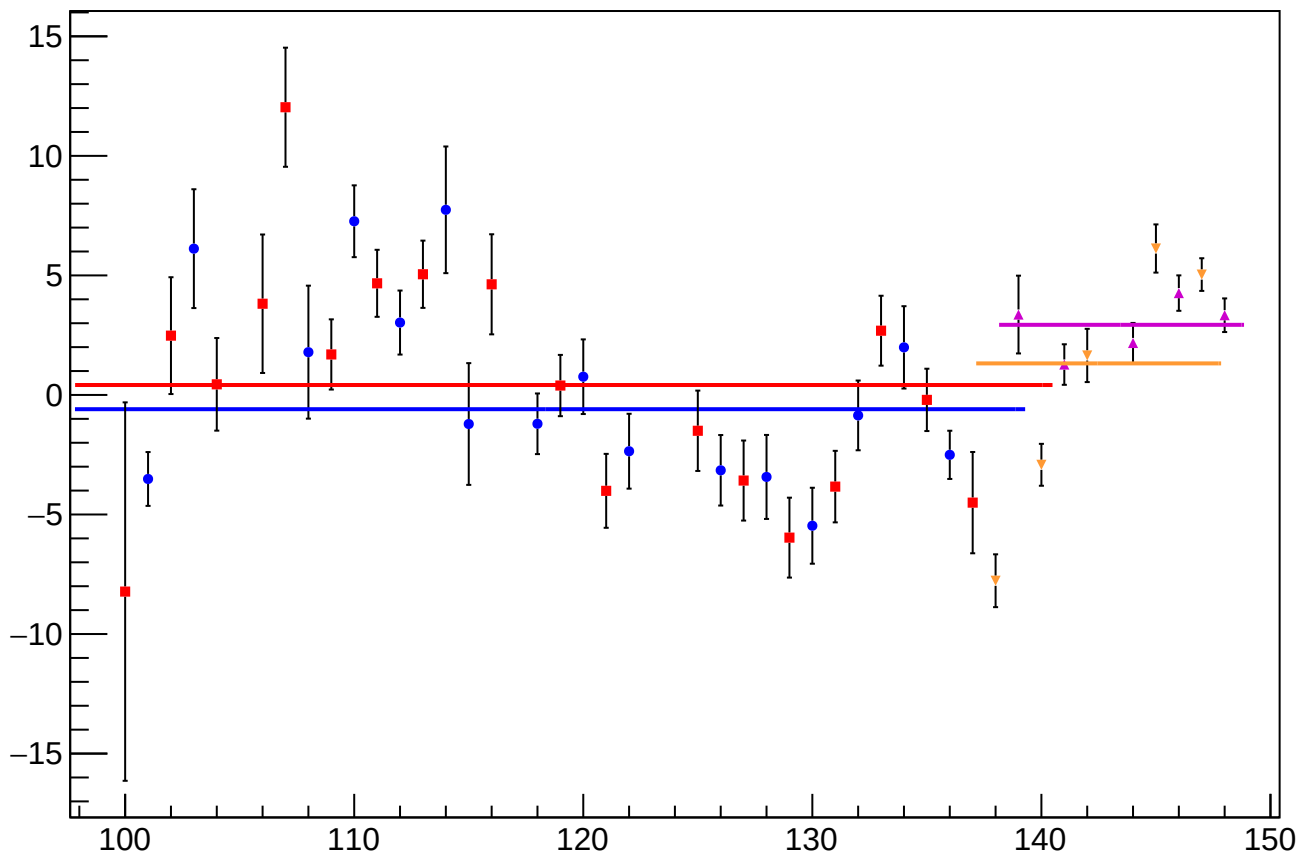
Left In: -52.247 ± 0.449 χ^2/NDF : 257.3/4

+ sign -48.424 ± 0.376 χ^2/NDF : 526.6/20

All: -50.425 ± 0.261 χ^2/NDF : 1074.1/43

- sign -52.282 ± 0.363 χ^2/NDF : 493.0/22

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

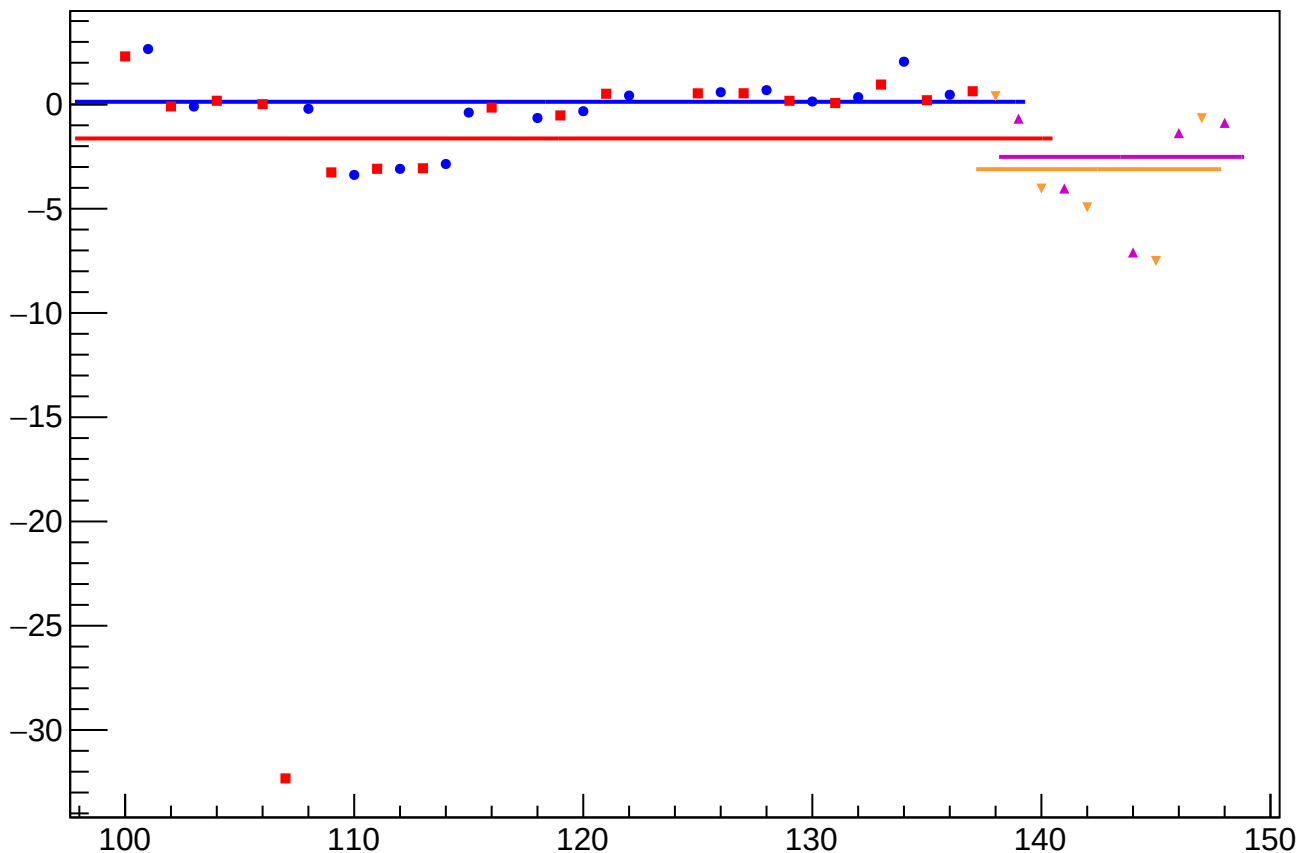
Left In: 2.933 ± 0.377 χ^2/NDF : 8.3/4

+ sign 0.307 ± 0.279 χ^2/NDF : 237.9/20

All: 1.040 ± 0.196 χ^2/NDF : 376.5/43

- sign 1.748 ± 0.274 χ^2/NDF : 125.0/22

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.128 $\pm$ 0.021 χ^2/NDF : 5252.9/15

Left Out: -3.105 $\pm$ 0.020 χ^2/NDF : 22369.9/4

Right Out: -1.631 $\pm$ 0.022 χ^2/NDF : 77878.6/17

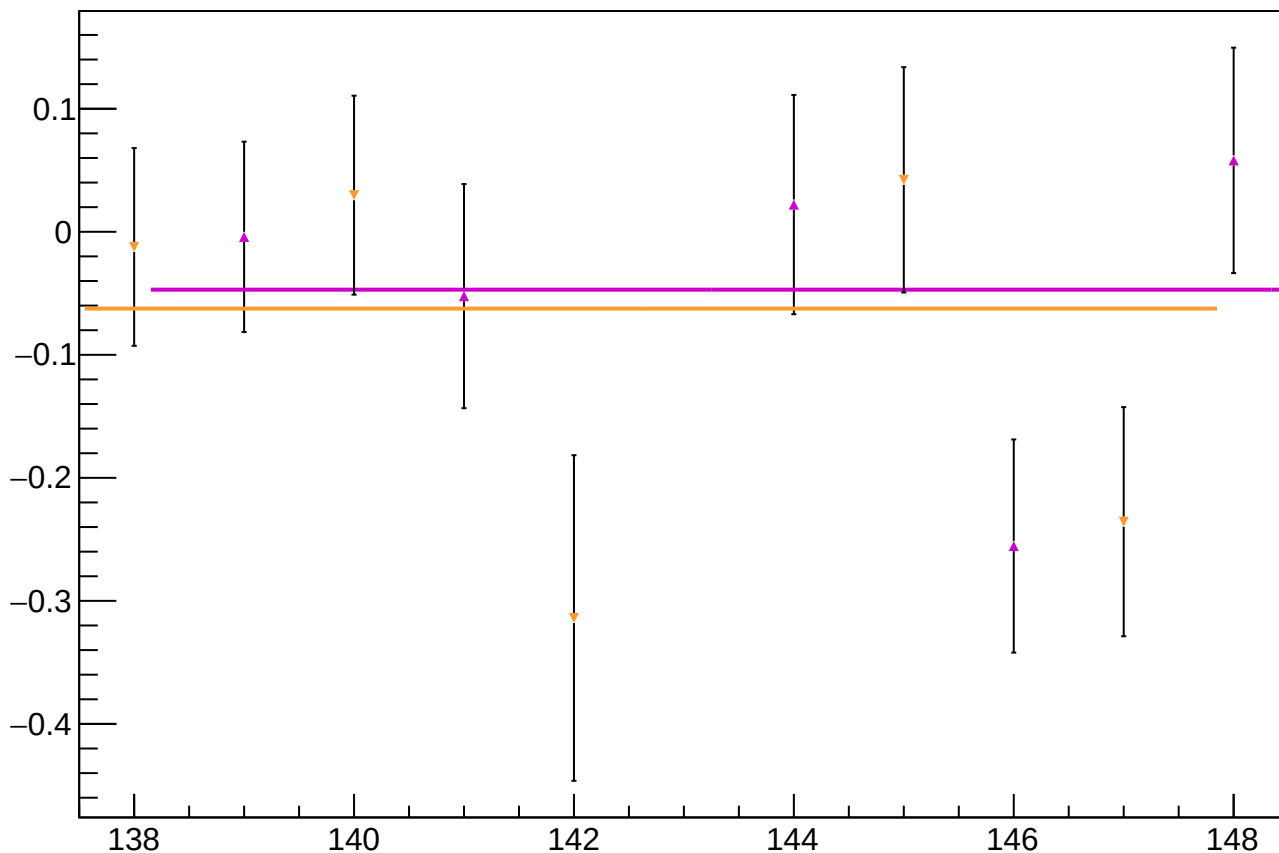
Left In: -2.514 $\pm$ 0.019 χ^2/NDF : 15945.1/4

+ sign -1.604 $\pm$ 0.015 χ^2/NDF : 39742.3/20

All: -1.884 $\pm$ 0.010 χ^2/NDF : 135224.9/43

- sign -2.144 $\pm$ 0.014 χ^2/NDF : 94776.9/22

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.062 $\pm$ 0.041 χ^2 /NDF:10.1/4

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

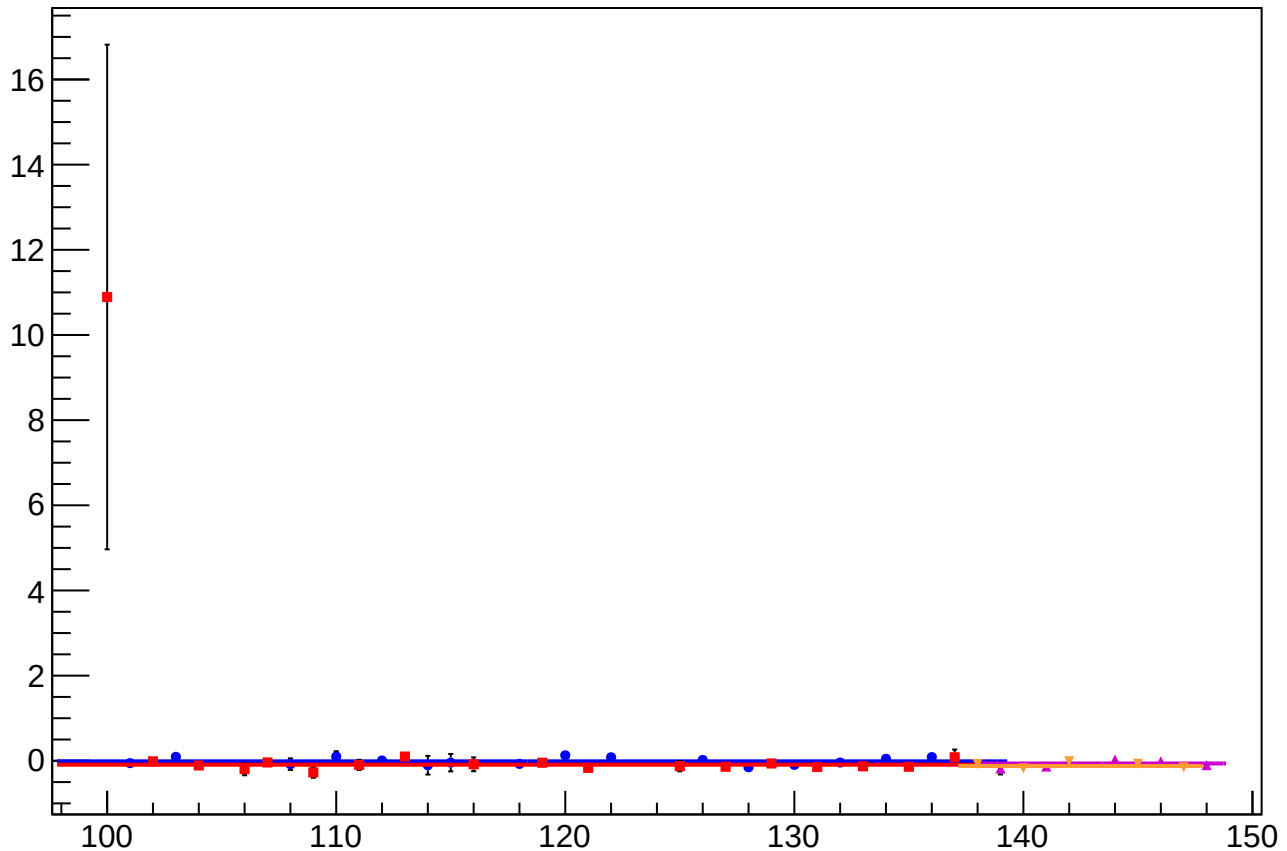
Left In: -0.047 $\pm$ 0.039 χ^2 /NDF:8.0/4

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

All: -0.054 $\pm$ 0.028 χ^2 /NDF: 18.2/9

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

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 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

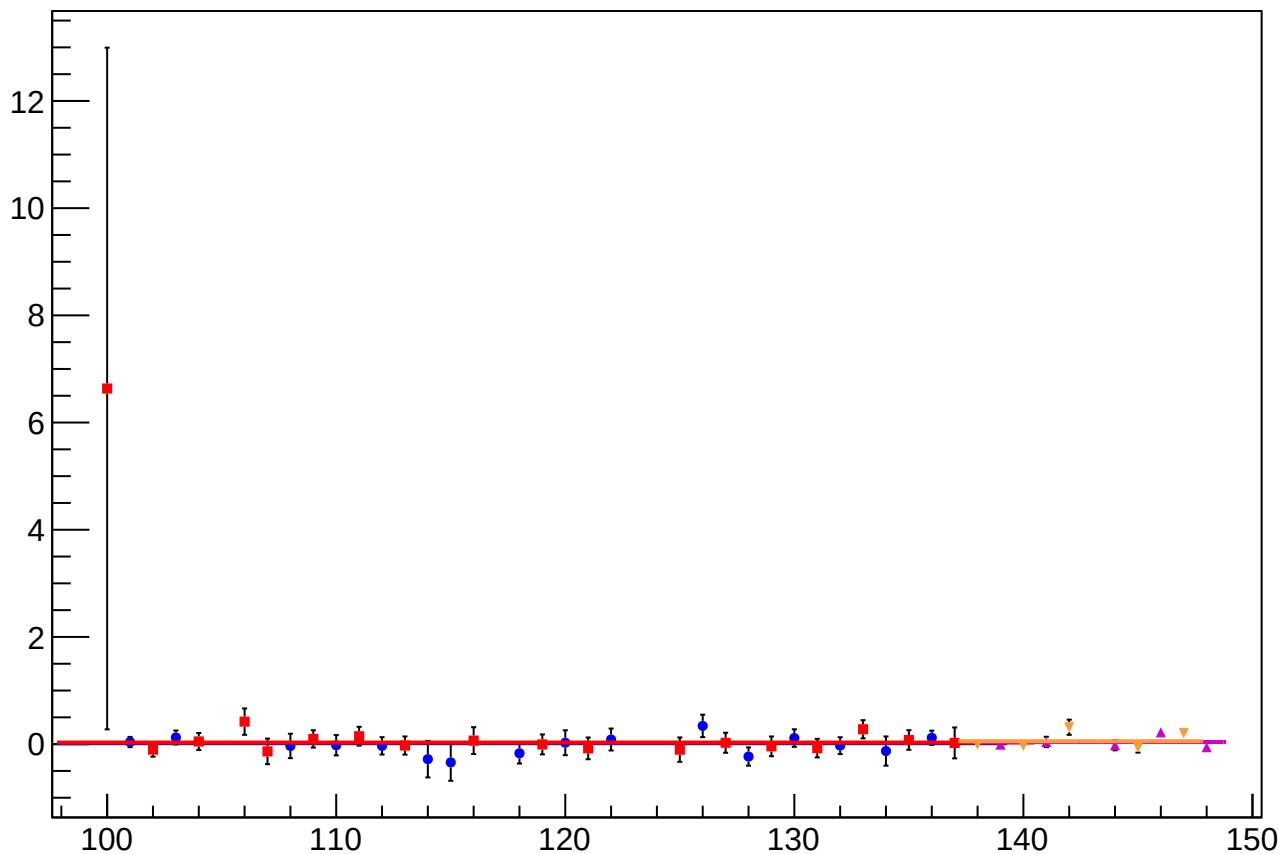
Left In: -0.063 ± 0.027 χ^2/NDF : 5.7/4

+ sign -0.055 ± 0.018 χ^2/NDF : 24.3/20

All: -0.067 ± 0.013 χ^2/NDF : 44.2/43

- sign -0.079 ± 0.018 χ^2/NDF : 19.1/22

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

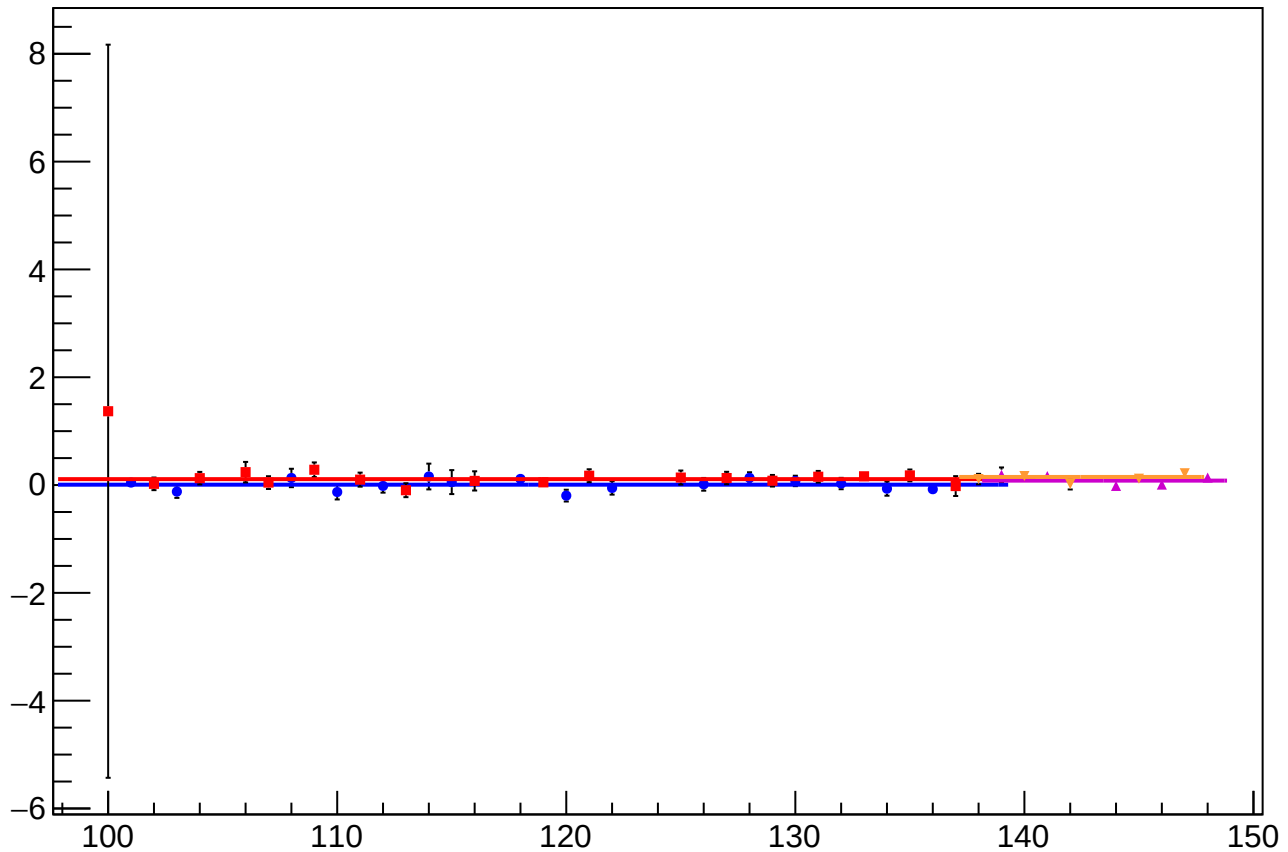
Left In: 0.039+/-0.040 χ^2/NDF : 6.7/4

+ sign 0.036+/-0.030 χ^2/NDF : 19.5/20

All: 0.036+/-0.021 χ^2/NDF : 35.4/43

- sign 0.035+/-0.030 χ^2/NDF : 16.0/22

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

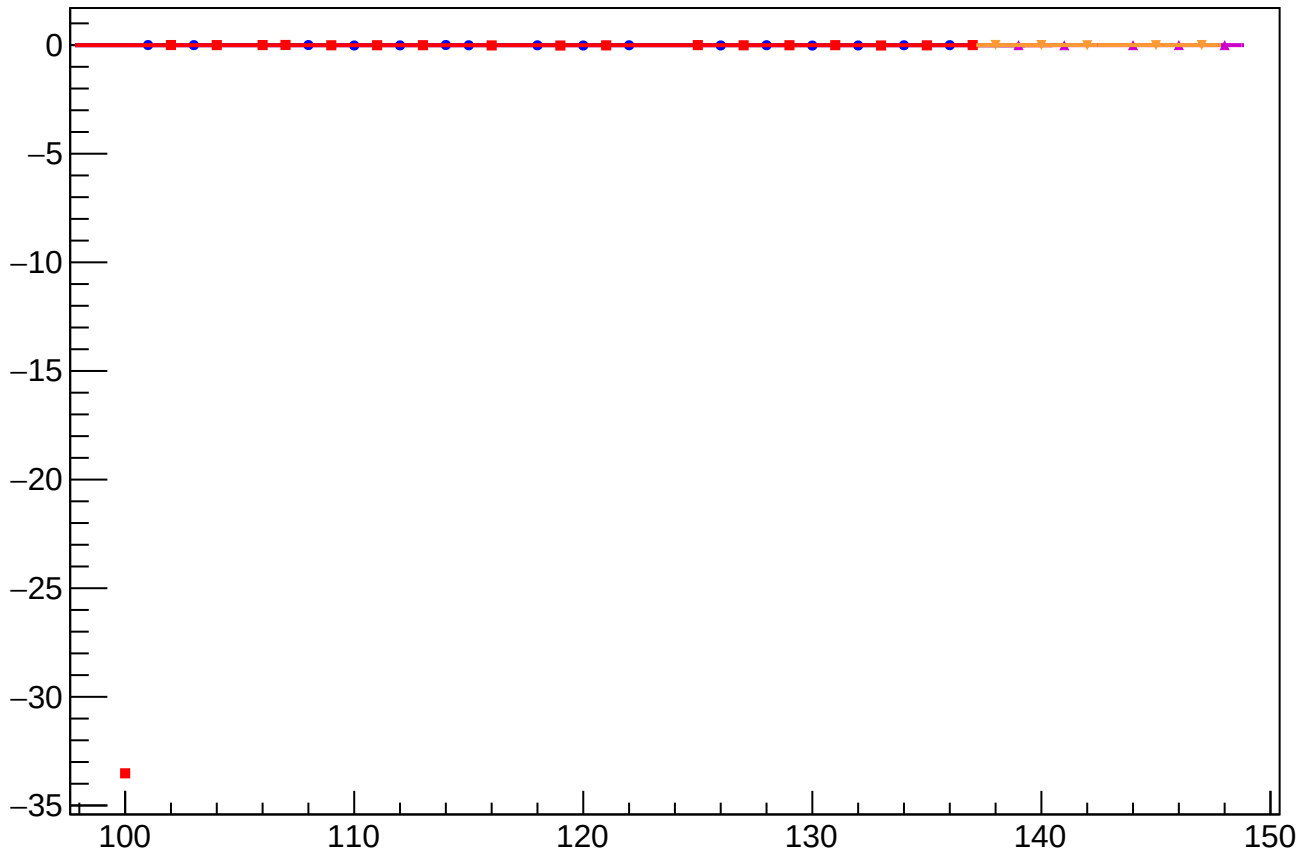
Left In: 0.082 ± 0.034 χ^2/NDF : 5.6/4

+ sign 0.058 ± 0.022 χ^2/NDF : 25.4/20

All: 0.078 ± 0.015 χ^2/NDF : 41.1/43

- sign 0.098 ± 0.022 χ^2/NDF : 13.9/22

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

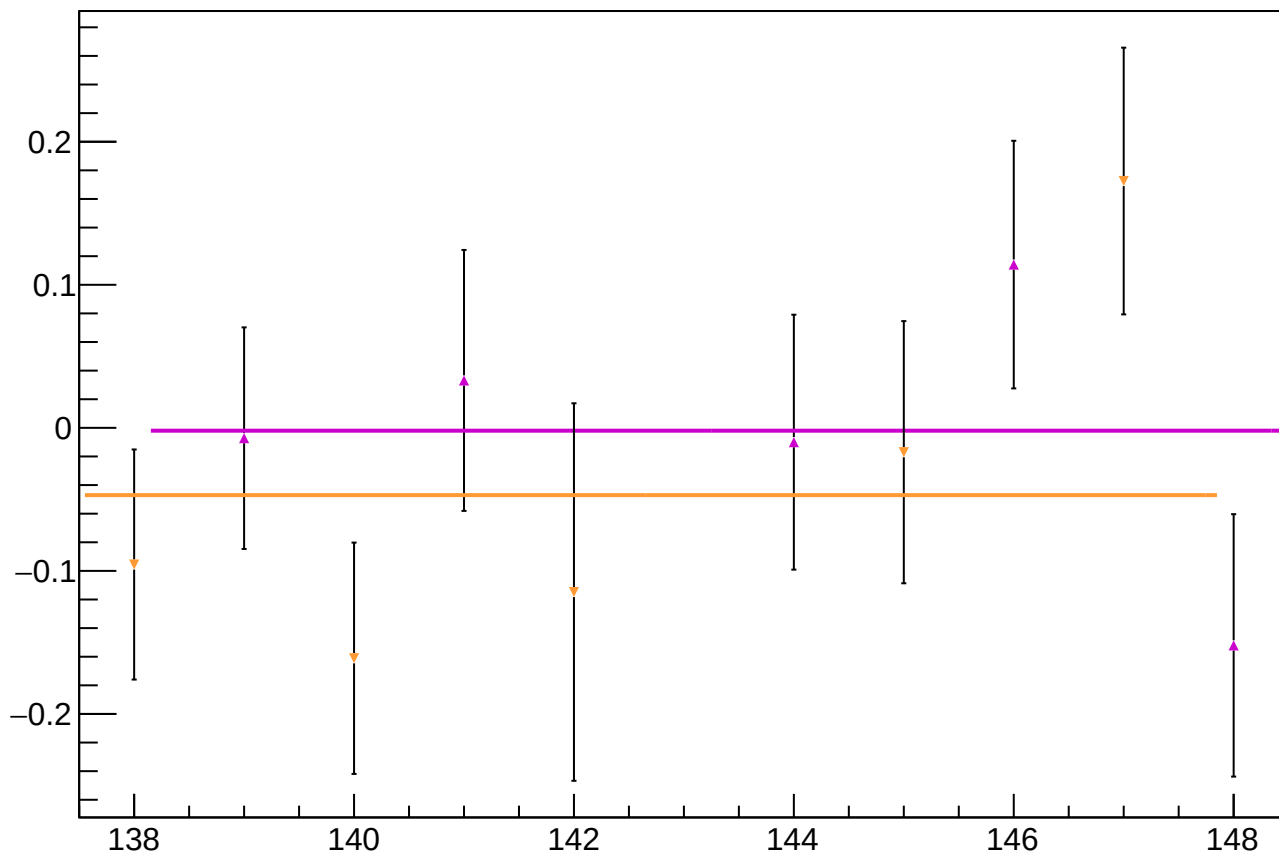
Left In: -0.002+/-0.002 χ^2/NDF : 3.0/4

+ sign -0.003+/-0.001 χ^2/NDF : 34.8/20

All: -0.004+/-0.001 χ^2/NDF : 26550.5/43

- sign -0.004+/-0.001 χ^2/NDF : 26515.4/22

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

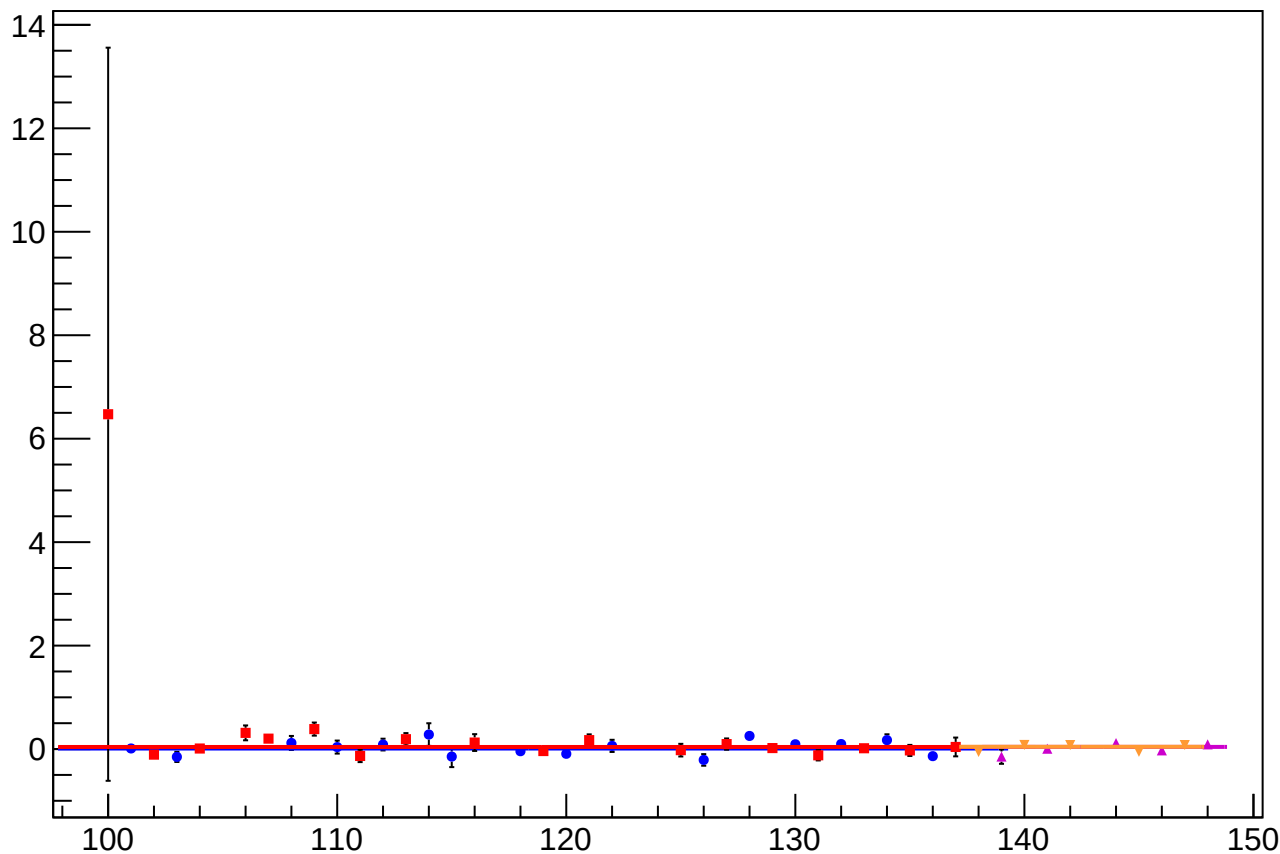
Left In: -0.002 $\pm$ 0.039 χ^2 /NDF: 4.6/4

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

All: -0.023 $\pm$ 0.028 χ^2 /NDF: 13.5/9

- 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

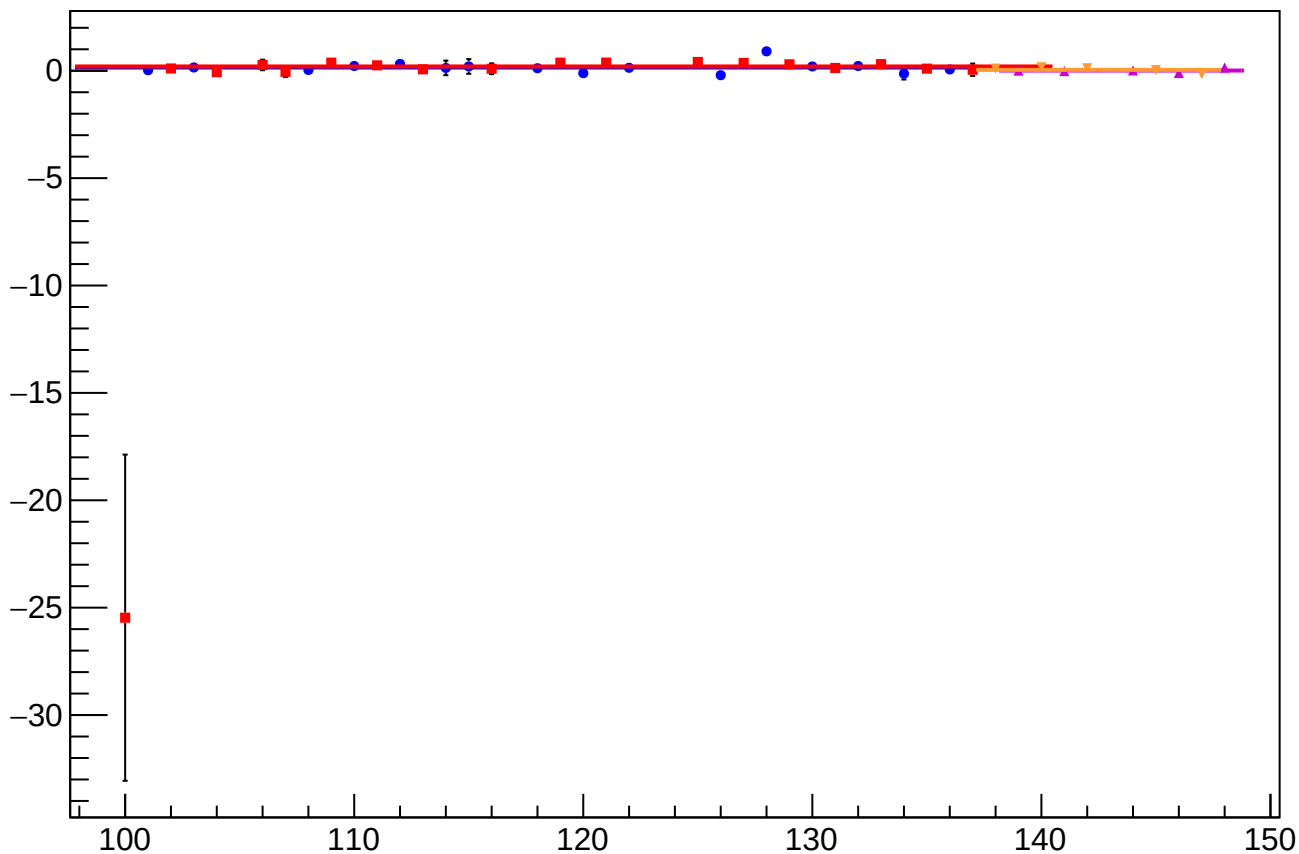
Left In: 0.042 ± 0.027 χ^2/NDF : 6.3/4

+ sign 0.024 ± 0.018 χ^2/NDF : 30.2/20

All: 0.032 ± 0.013 χ^2/NDF : 64.9/43

- sign 0.041 ± 0.018 χ^2/NDF : 34.2/22

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

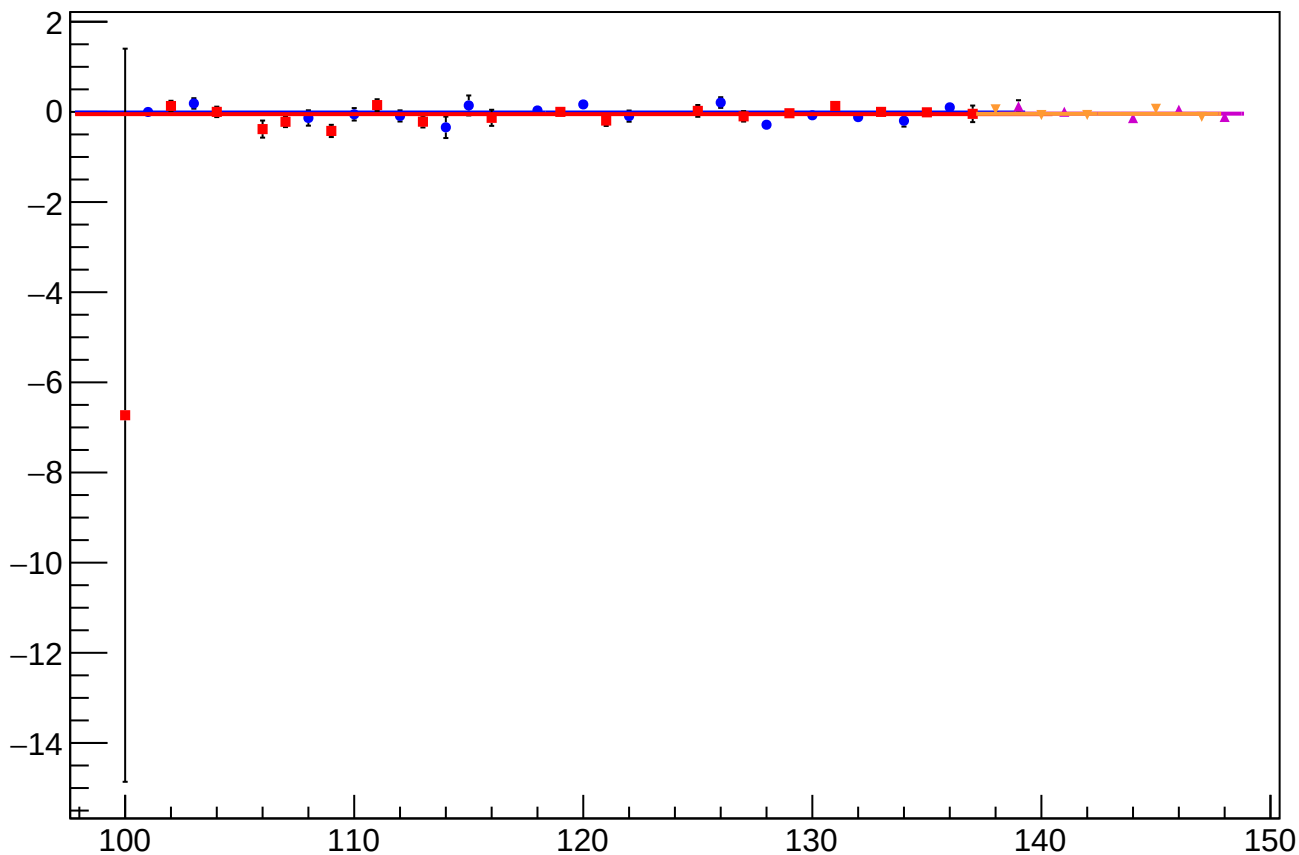
Left In: 0.010 ± 0.040 χ^2/NDF : 4.5/4

+ sign 0.096 ± 0.030 χ^2/NDF : 40.2/20

All: 0.094 ± 0.021 χ^2/NDF : 77.7/43

- sign 0.093 ± 0.030 χ^2/NDF : 37.5/22

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.027 χ^2/NDF : 25.2/15

Left Out: -0.043 ± 0.036 χ^2/NDF : 4.0/4

Right Out: -0.050 ± 0.029 χ^2/NDF : 25.7/17

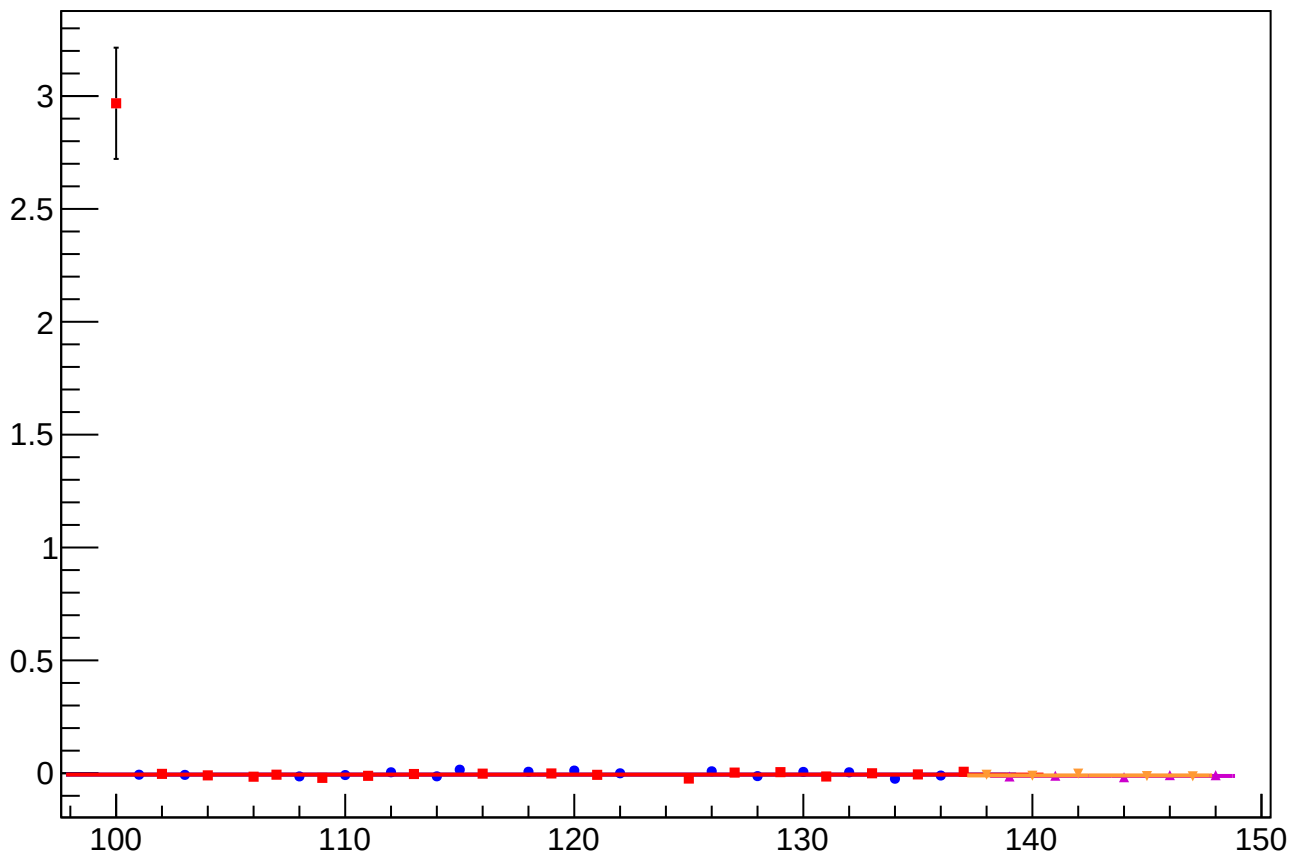
Left In: -0.039 ± 0.034 χ^2/NDF : 6.6/4

+ sign -0.024 ± 0.022 χ^2/NDF : 29.6/20

All: -0.034 ± 0.015 χ^2/NDF : 62.5/43

- sign -0.045 ± 0.022 χ^2/NDF : 32.4/22

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

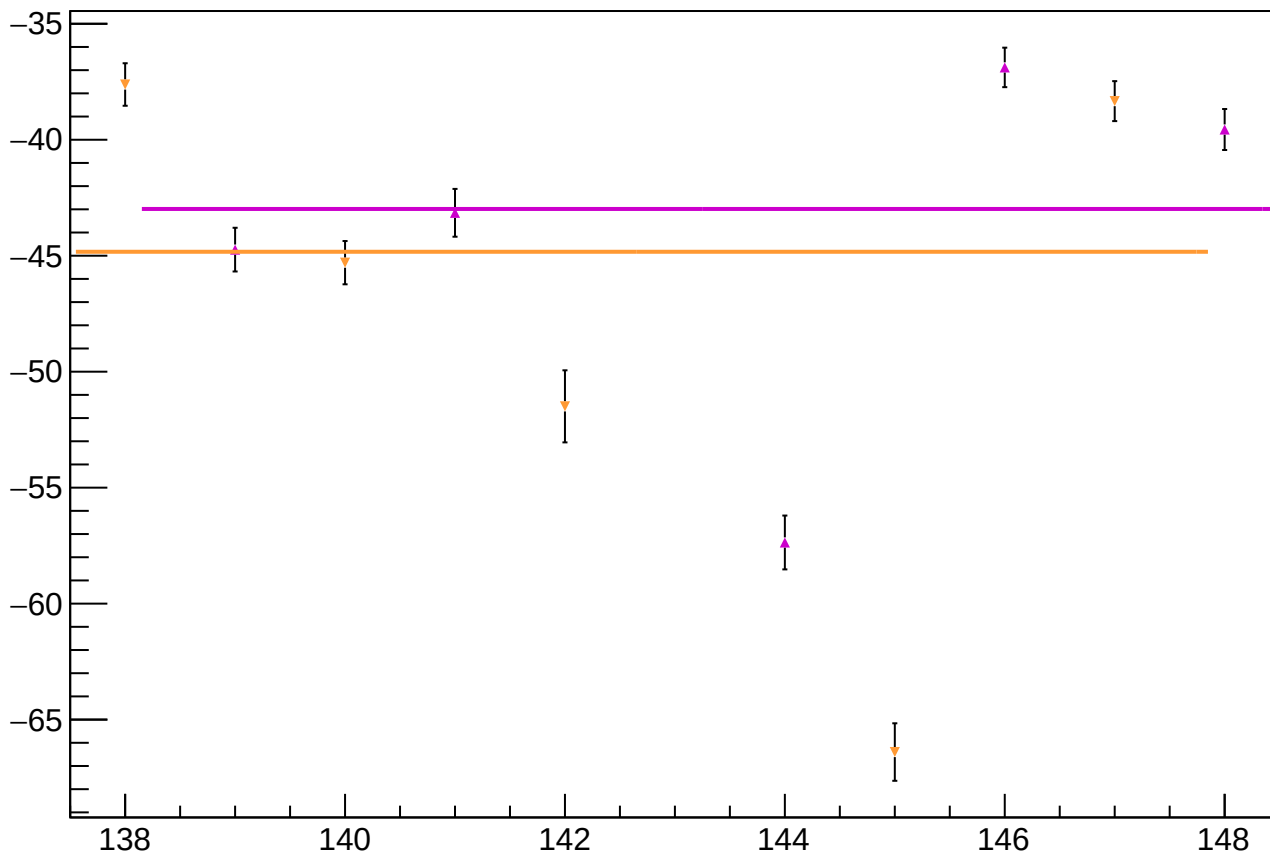
Left In: -0.012 ± 0.002 χ^2/NDF : 4.1/4

+ sign -0.008 ± 0.001 χ^2/NDF : 36.1/20

All: -0.008 ± 0.001 χ^2/NDF : 214.5/43

- sign -0.009 ± 0.001 χ^2/NDF : 177.8/22

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -44.830 $\pm$ 0.459 χ^2 /NDF:440.2/4

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

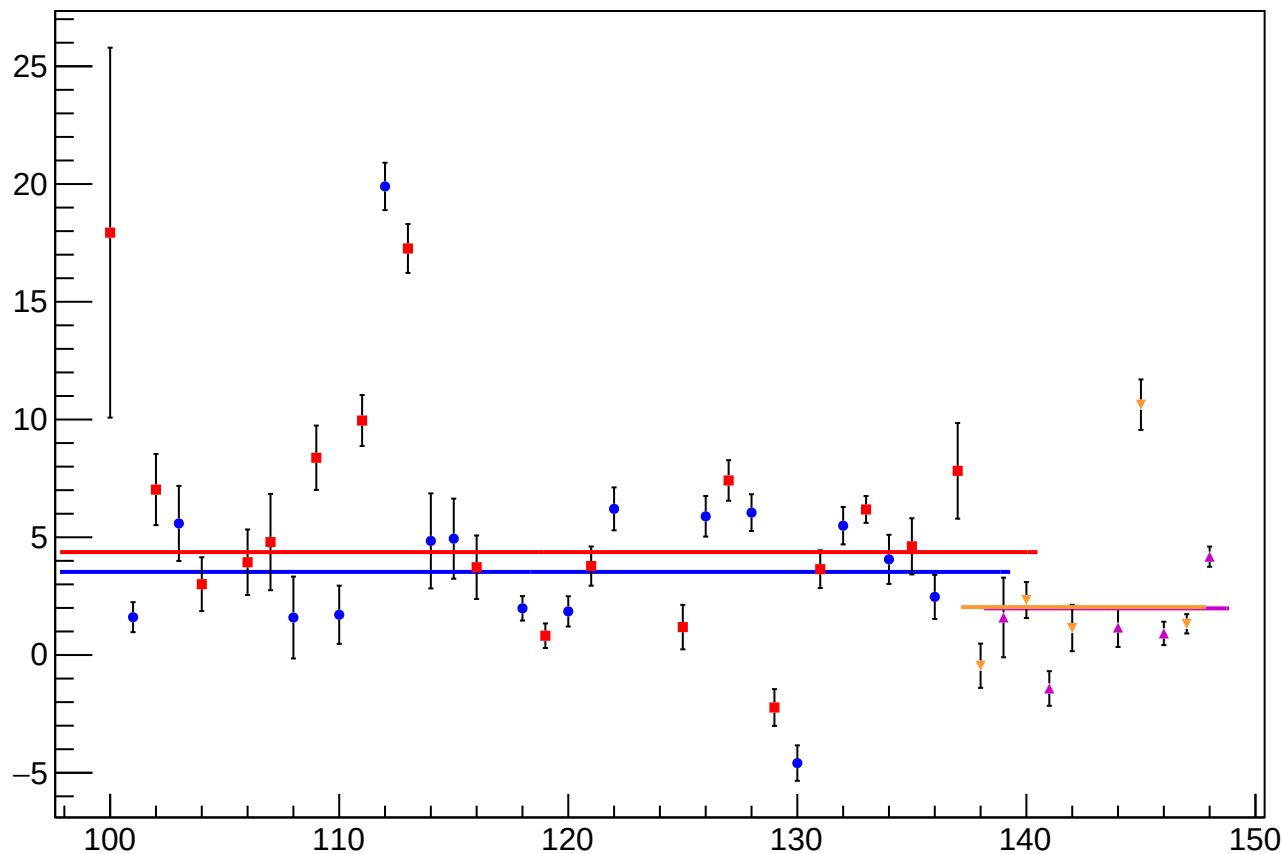
Left In: -42.984 $\pm$ 0.428 χ^2 /NDF:223.5/4

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

All: -43.842 $\pm$ 0.313 χ^2 /NDF: 672.3/9

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

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.530 ± 0.217 $\chi^2/\text{NDF}: 446.6/15$

Left Out: 2.036 ± 0.305 $\chi^2/\text{NDF}: 75.4/4$

Right Out: 4.370 ± 0.225 $\chi^2/\text{NDF}: 353.8/17$

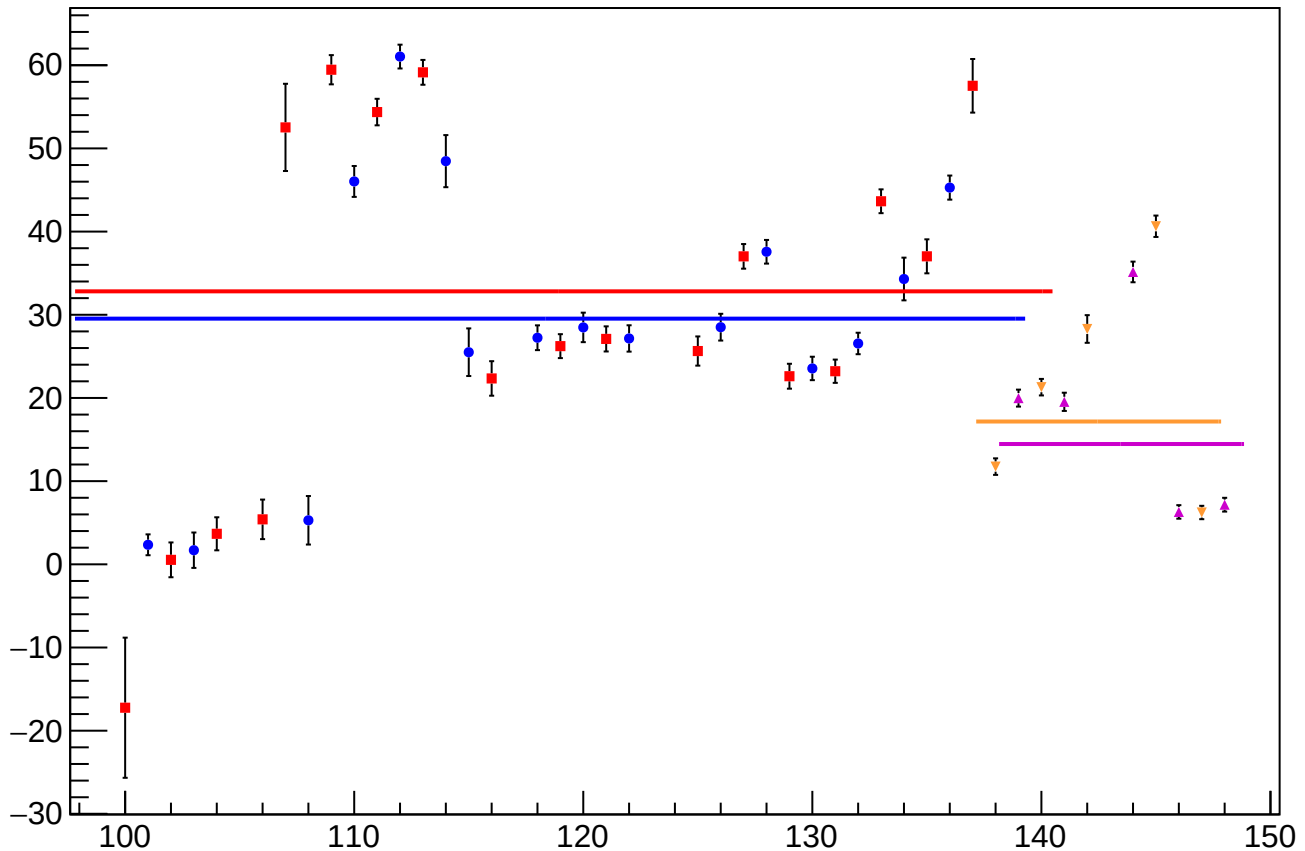
Left In: 1.981 ± 0.276 $\chi^2/\text{NDF}: 53.2/4$

+ sign 3.027 ± 0.177 $\chi^2/\text{NDF}: 537.8/20$

All: 3.223 ± 0.124 $\chi^2/\text{NDF}: 992.2/43$

- sign 3.413 ± 0.175 $\chi^2/\text{NDF}: 452.0/22$

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

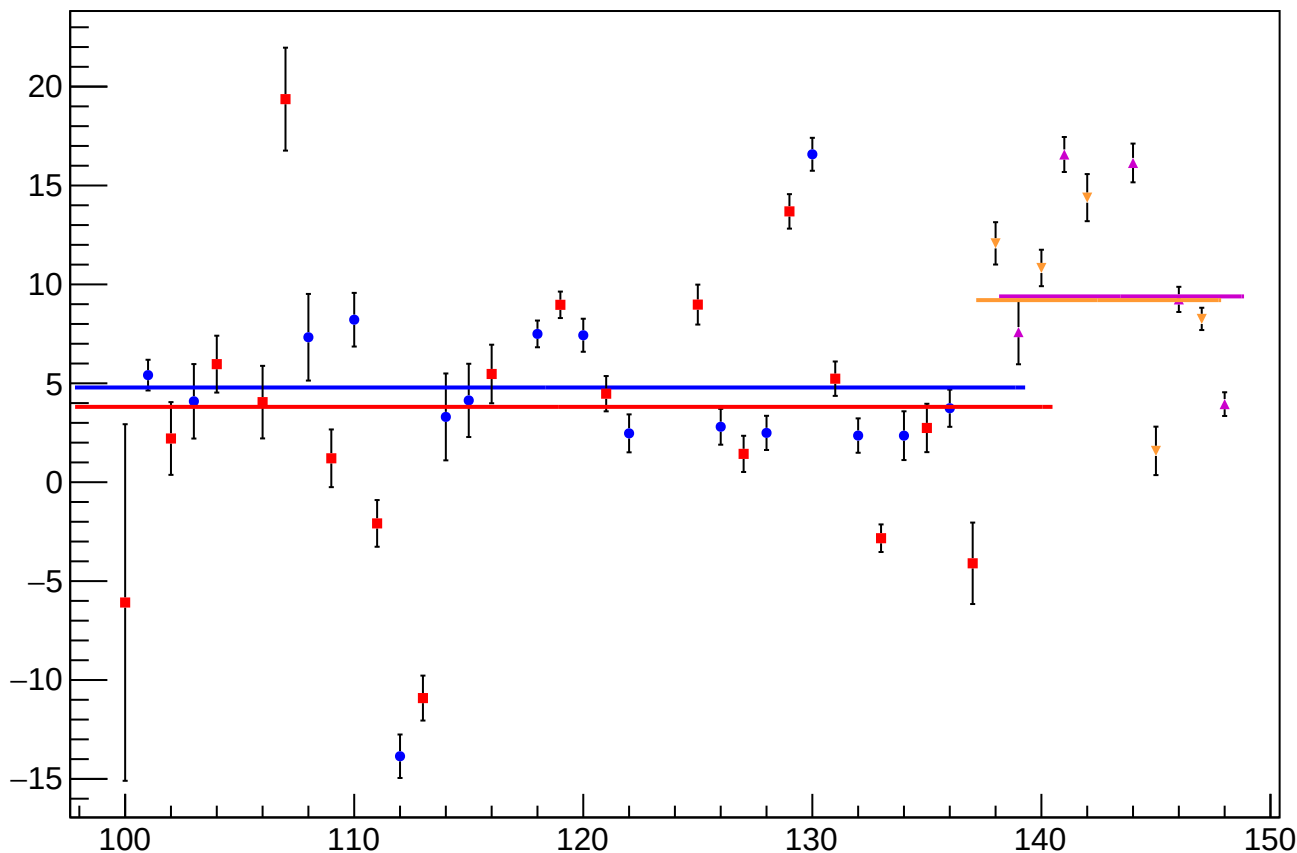
Left In: 14.463 $\pm$ 0.430 χ^2/NDF : 506.8/4

+ sign 24.084 $\pm$ 0.312 χ^2/NDF : 2492.6/20

All: 23.934 $\pm$ 0.217 χ^2/NDF : 5585.3/43

- sign 23.793 $\pm$ 0.301 χ^2/NDF : 3092.3/22

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.789 ± 0.251 $\chi^2/\text{NDF}: 553.9/15$

Left Out: 9.205 ± 0.390 $\chi^2/\text{NDF}: 70.8/4$

Right Out: 3.809 ± 0.259 $\chi^2/\text{NDF}: 567.6/17$

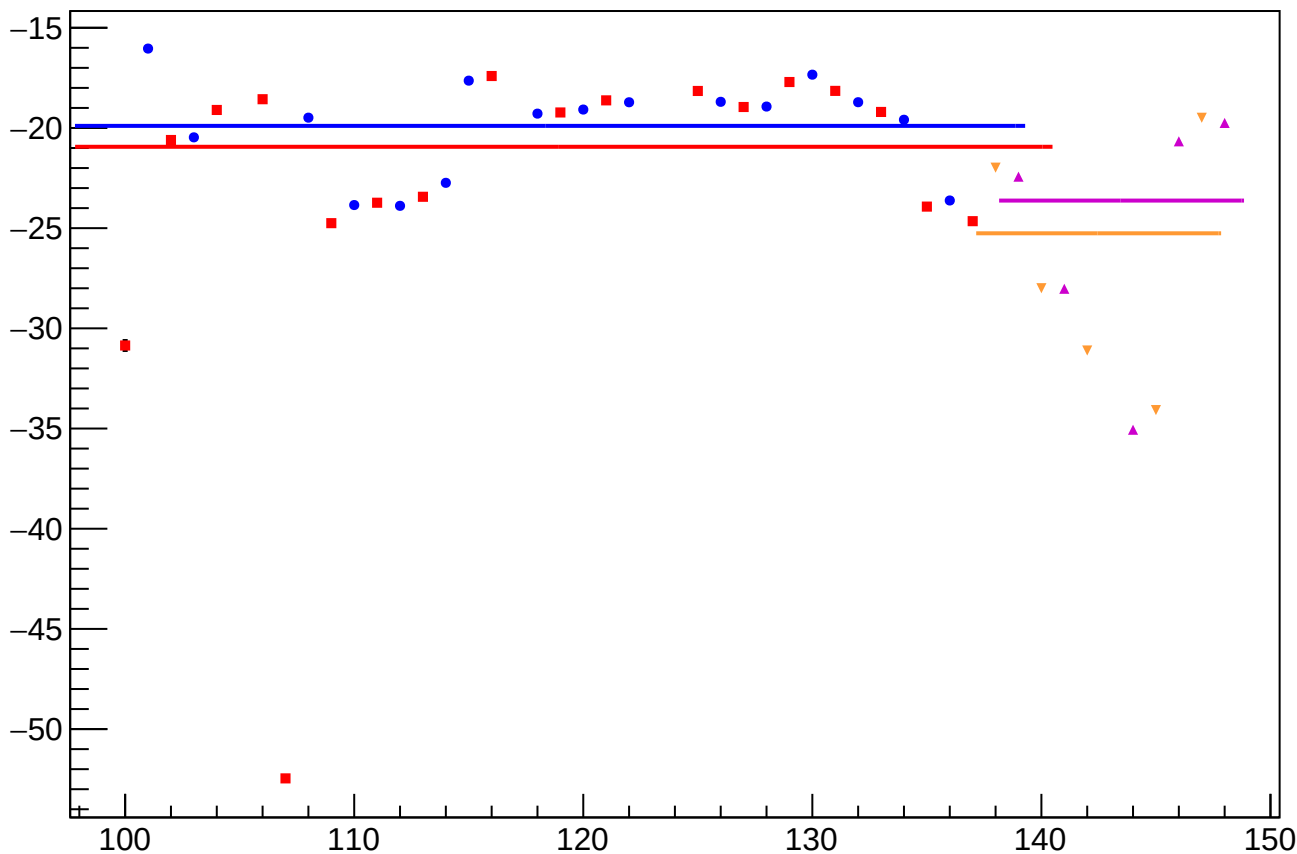
Left In: 9.393 ± 0.355 $\chi^2/\text{NDF}: 197.0/4$

+ sign 6.084 ± 0.211 $\chi^2/\text{NDF}: 715.4/20$

All: 5.916 ± 0.149 $\chi^2/\text{NDF}: 1643.0/43$

- sign 5.750 ± 0.209 $\chi^2/\text{NDF}: 926.4/22$

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.895 ± 0.016 $\chi^2/\text{NDF}: 26073.6/15$

Left Out: -25.256 ± 0.020 $\chi^2/\text{NDF}: 71898.2/4$

Right Out: -20.938 ± 0.016 $\chi^2/\text{NDF}: 94065.2/17$

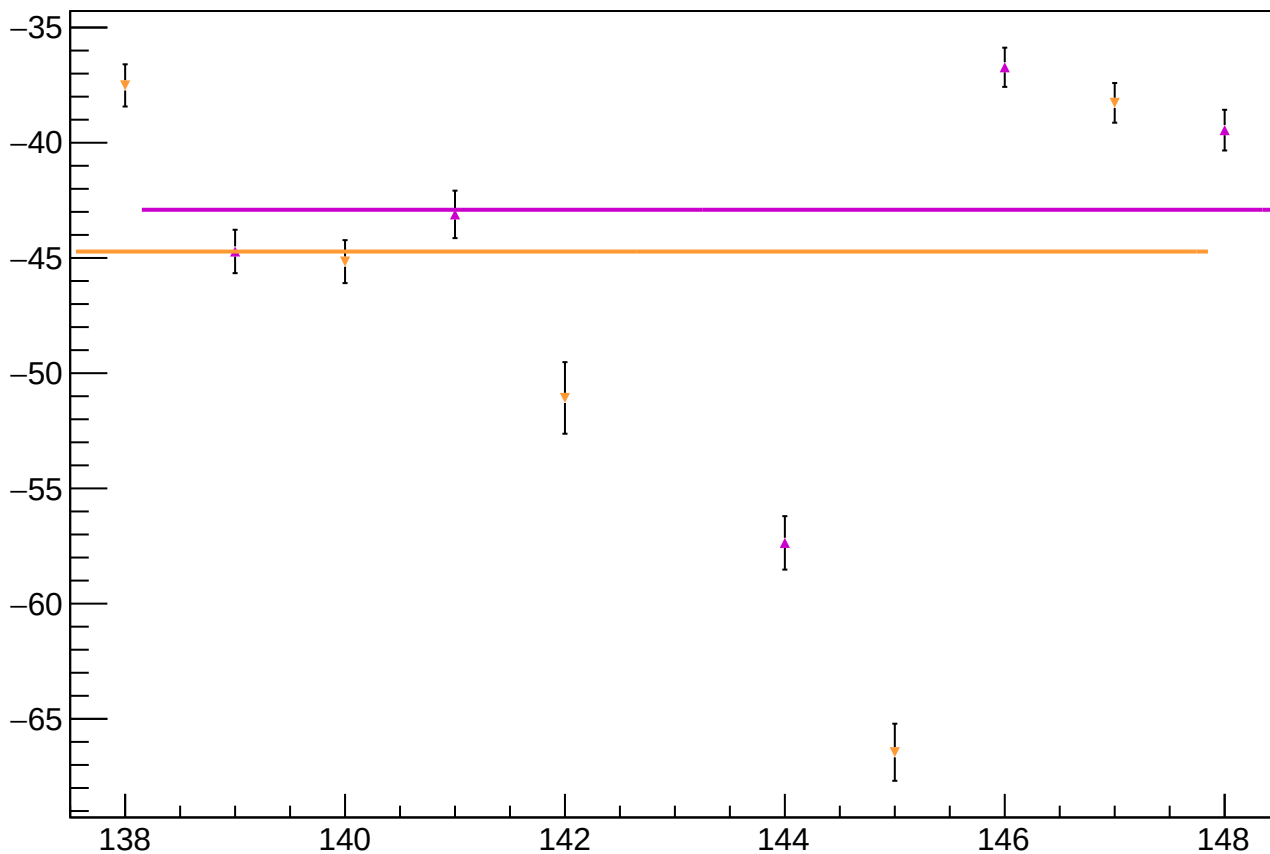
Left In: -23.623 ± 0.018 $\chi^2/\text{NDF}: 73214.4/4$

+ sign -21.915 ± 0.012 $\chi^2/\text{NDF}: 142647.6/20$

All: -22.016 ± 0.009 $\chi^2/\text{NDF}: 322784.4/43$

- sign -22.108 ± 0.012 $\chi^2/\text{NDF}: 180007.7/22$

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

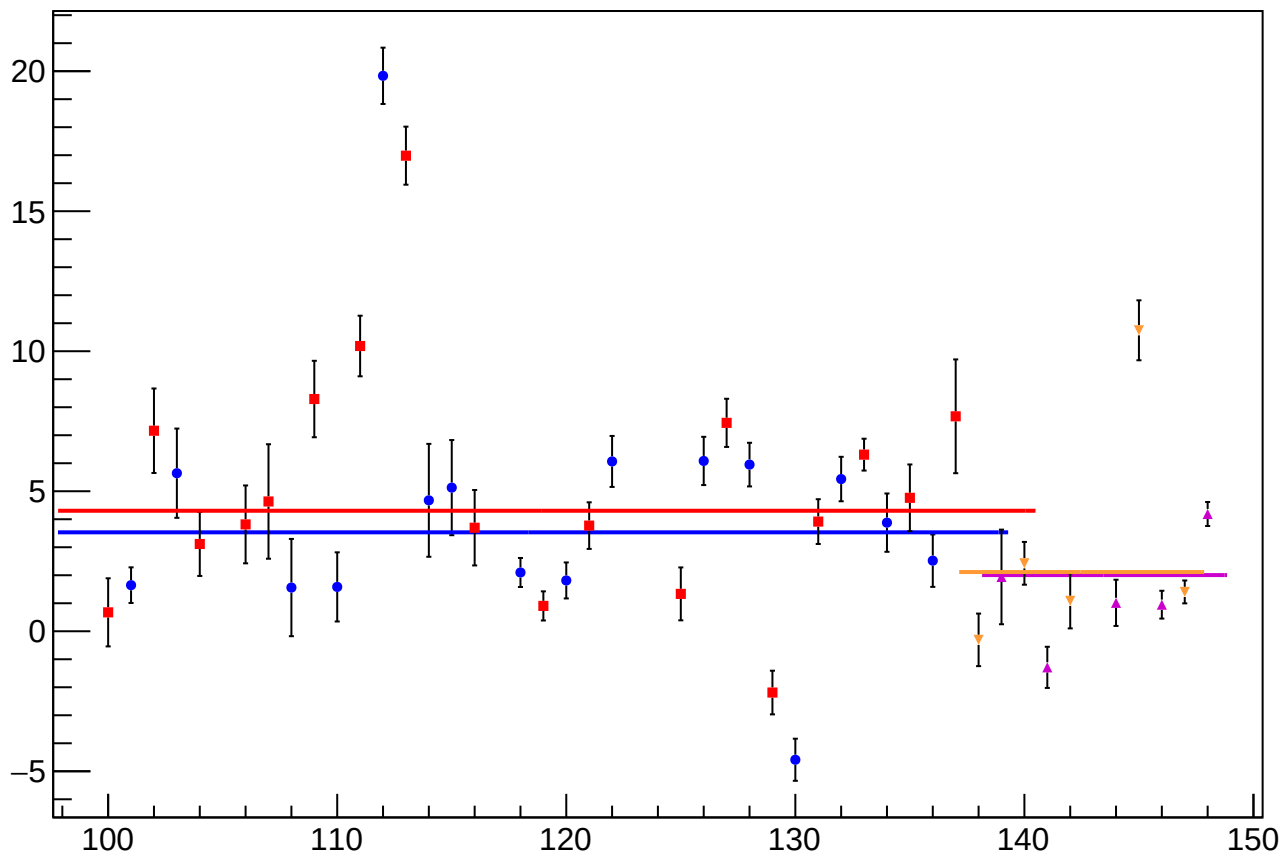
Left In: -42.909+/-0.427 χ^2/NDF : 227.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.751+/-0.313 χ^2/NDF : 678.3/9

- 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 $\chi^2/\text{NDF}: 352.8/17$

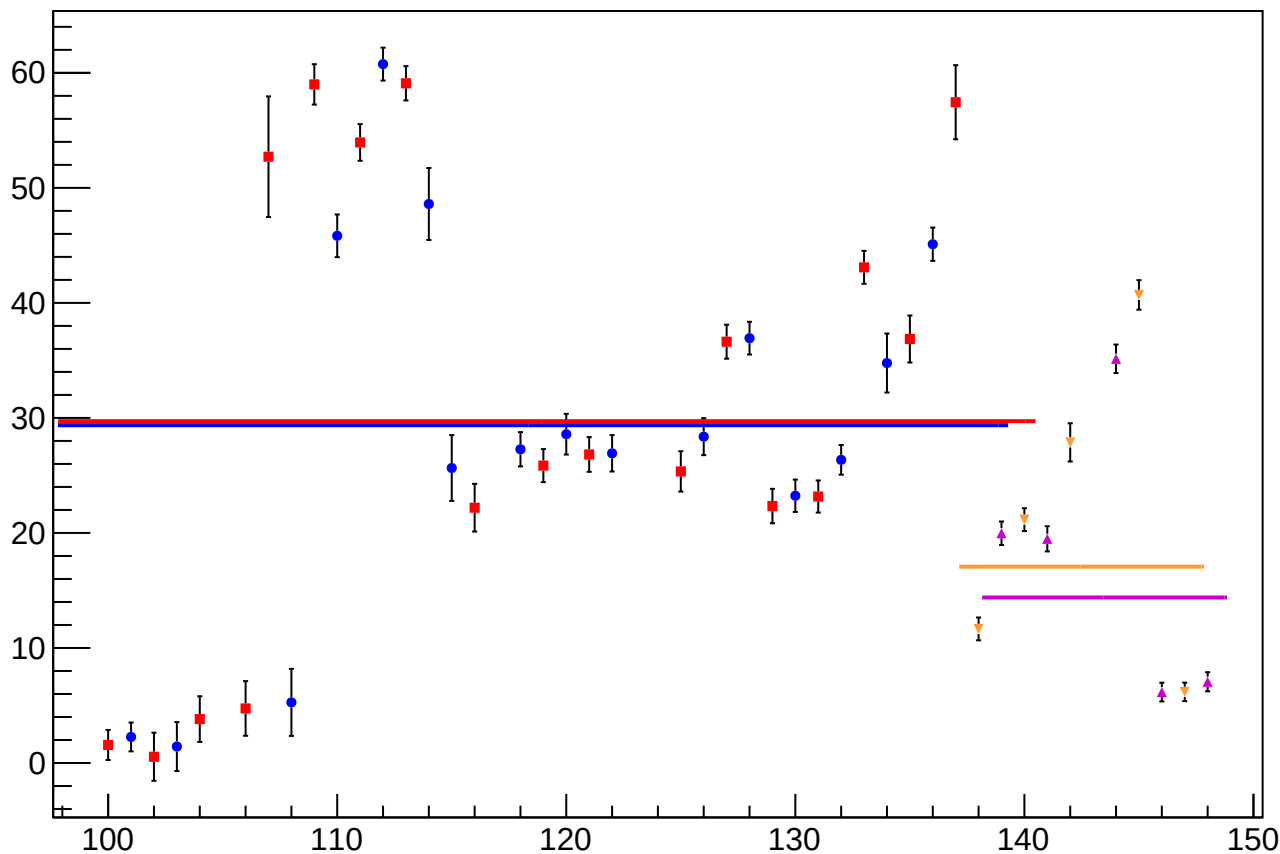
Left In: 2.006 ± 0.276 $\chi^2/\text{NDF}: 52.0/4$

+ sign 3.055 ± 0.177 $\chi^2/\text{NDF}: 533.6/20$

All: 3.233 ± 0.124 $\chi^2/\text{NDF}: 982.5/43$

- sign 3.401 ± 0.173 $\chi^2/\text{NDF}: 447.0/22$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.367 ± 0.416 χ^2/NDF : 1488.7/15

Left Out: 17.075 ± 0.469 χ^2/NDF : 609.9/4

Right Out: 29.719 ± 0.402 χ^2/NDF : 2129.5/17

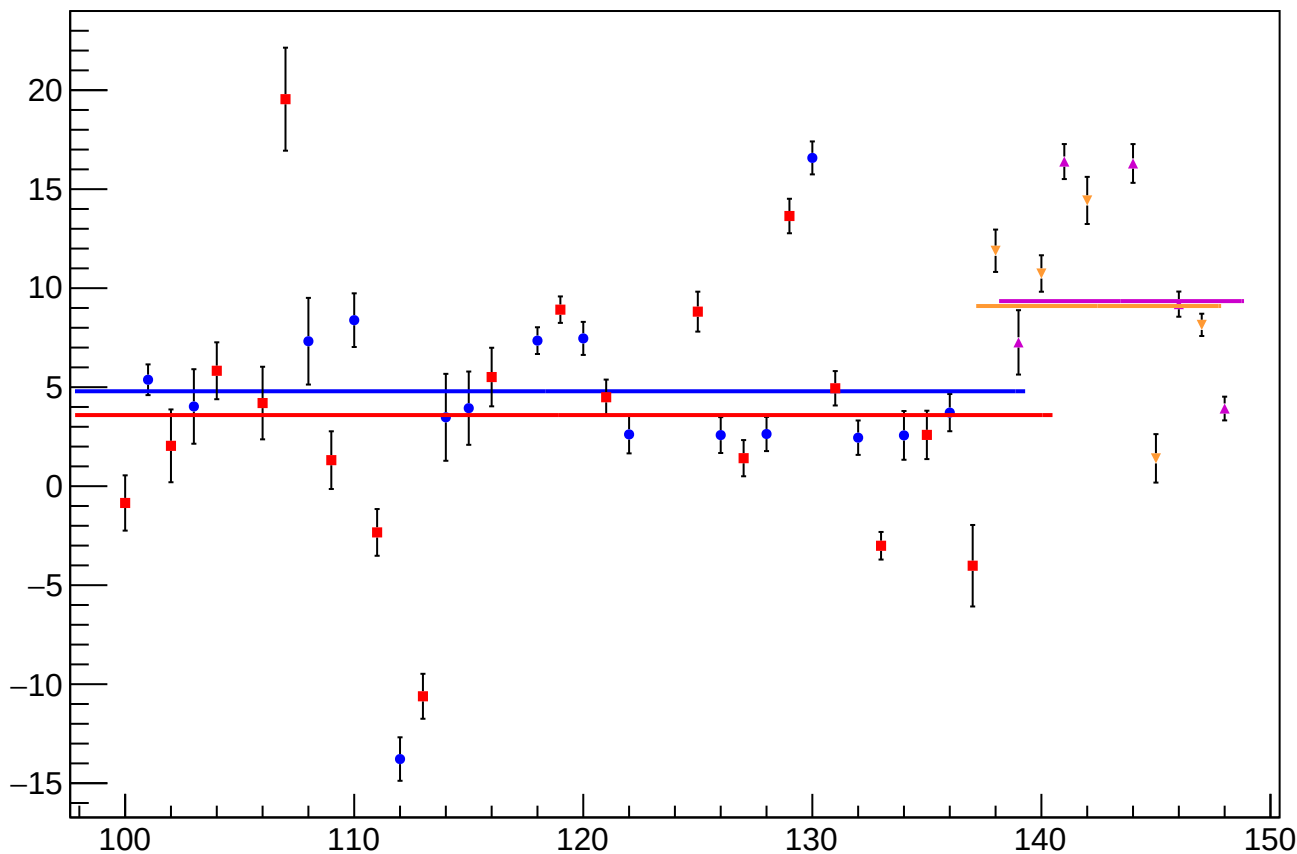
Left In: 14.389 ± 0.430 χ^2/NDF : 512.1/4

+ sign 23.950 ± 0.311 χ^2/NDF : 2482.5/20

All: 23.212 ± 0.214 χ^2/NDF : 5812.7/43

- sign 22.555 ± 0.294 χ^2/NDF : 3319.6/22

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 $\chi^2/\text{NDF}: 573.3/17$

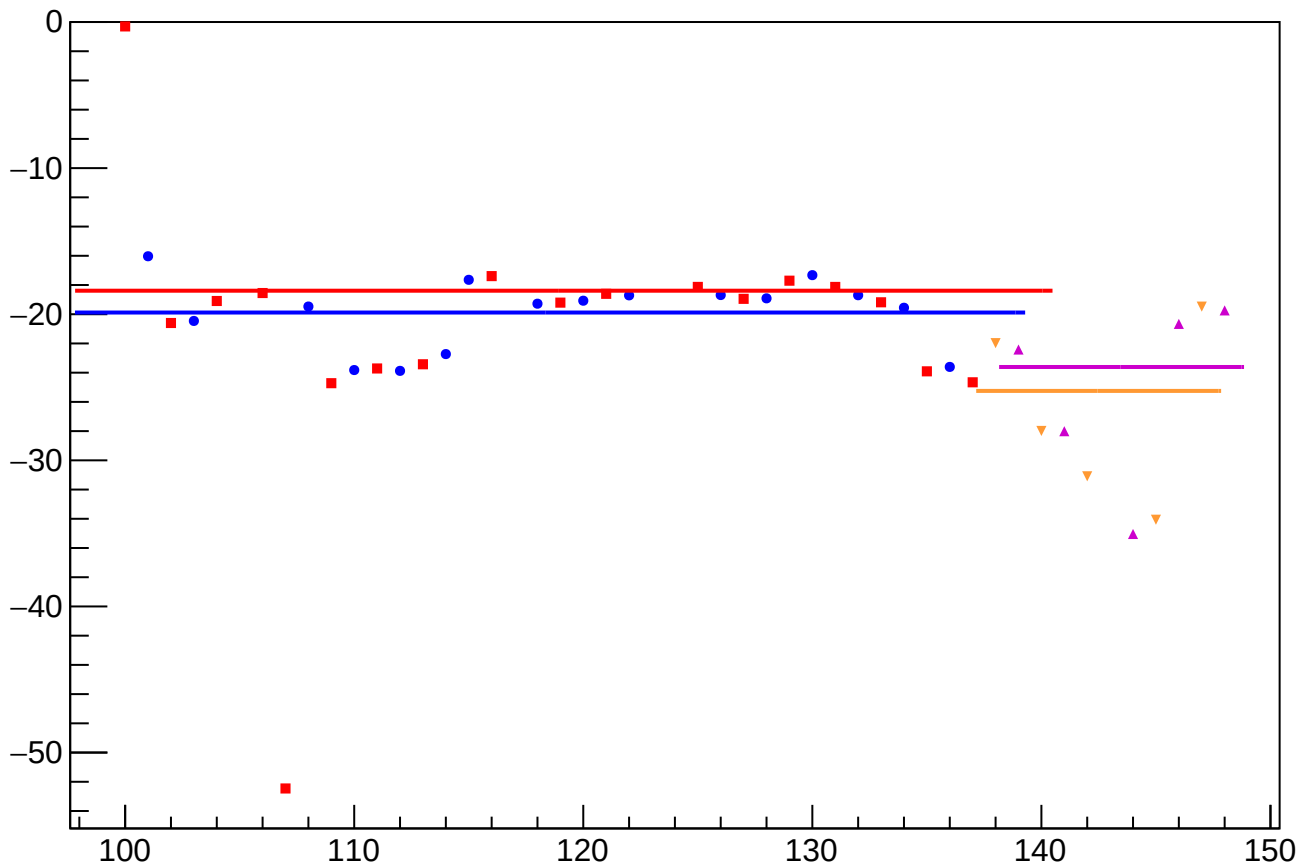
Left In: 9.347 ± 0.354 $\chi^2/\text{NDF}: 197.7/4$

+ sign 6.056 ± 0.211 $\chi^2/\text{NDF}: 708.6/20$

All: 5.797 ± 0.148 $\chi^2/\text{NDF}: 1656.6/43$

- sign 5.549 ± 0.207 $\chi^2/\text{NDF}: 945.0/22$

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 $\chi^2/\text{NDF}: 301247.7/17$

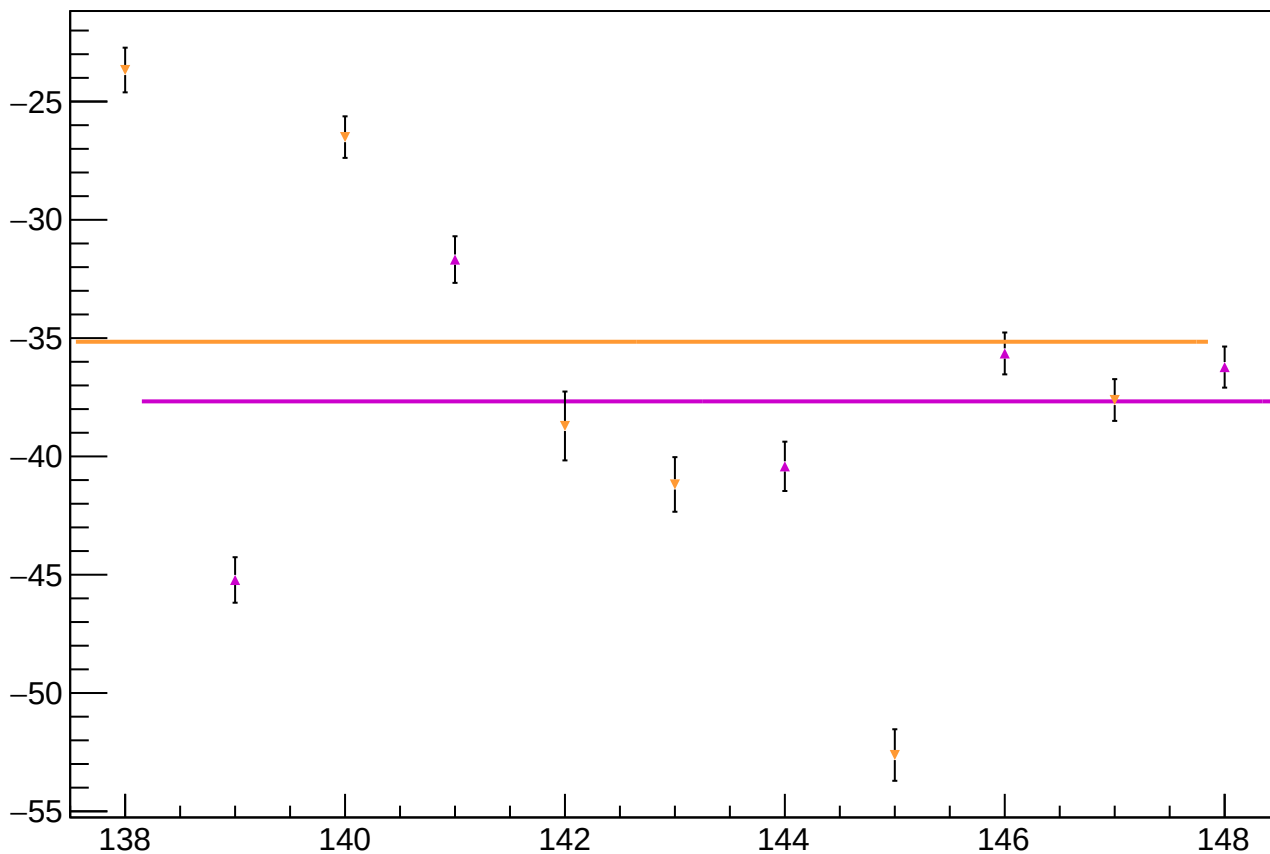
Left In: -23.611 ± 0.018 $\chi^2/\text{NDF}: 73171.3/4$

+ sign -21.904 ± 0.012 $\chi^2/\text{NDF}: 142777.4/20$

All: -21.150 ± 0.008 $\chi^2/\text{NDF}: 575012.8/43$

- sign -20.504 ± 0.011 $\chi^2/\text{NDF}: 425240.7/22$

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

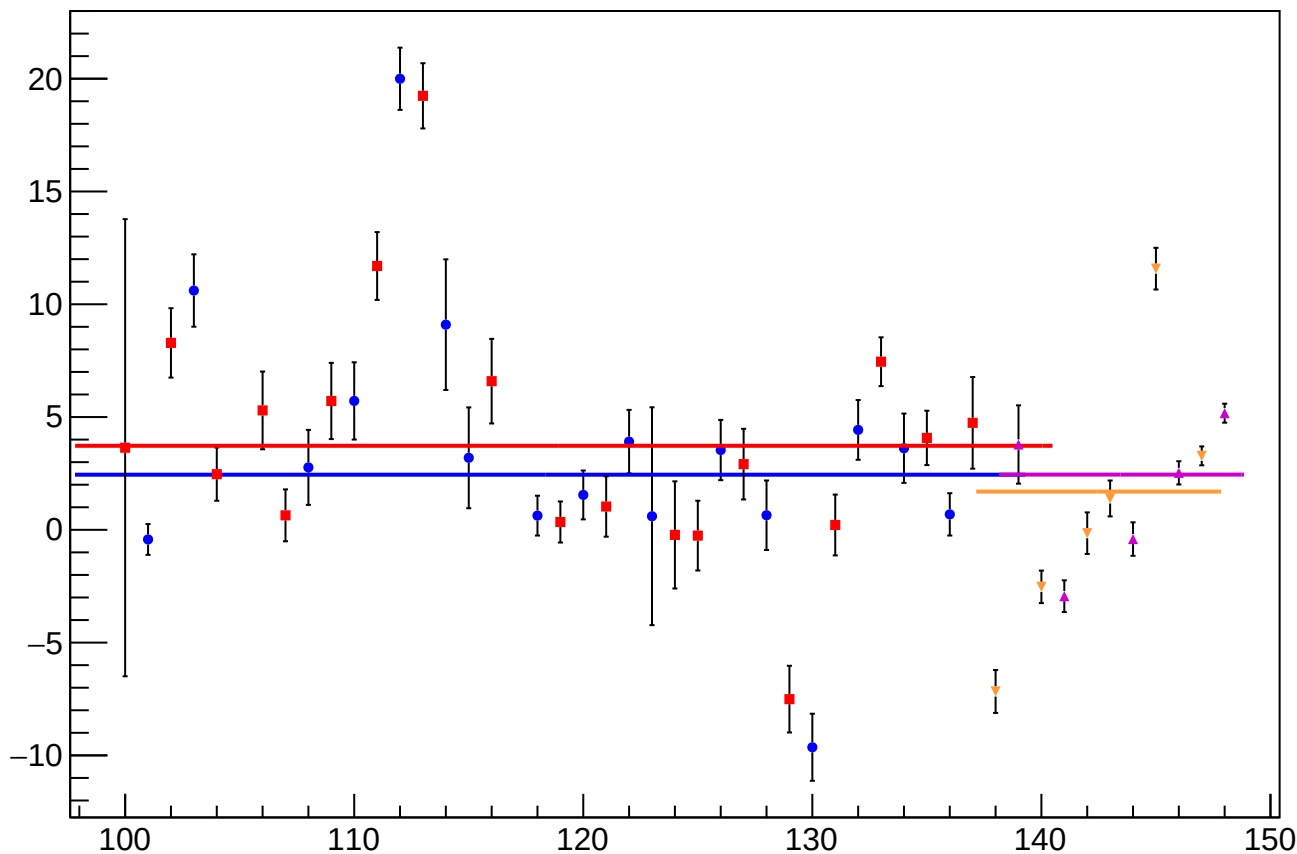
Left In: -37.674+/-0.421 χ^2/NDF : 113.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.399+/-0.296 χ^2/NDF : 674.8/10

- 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

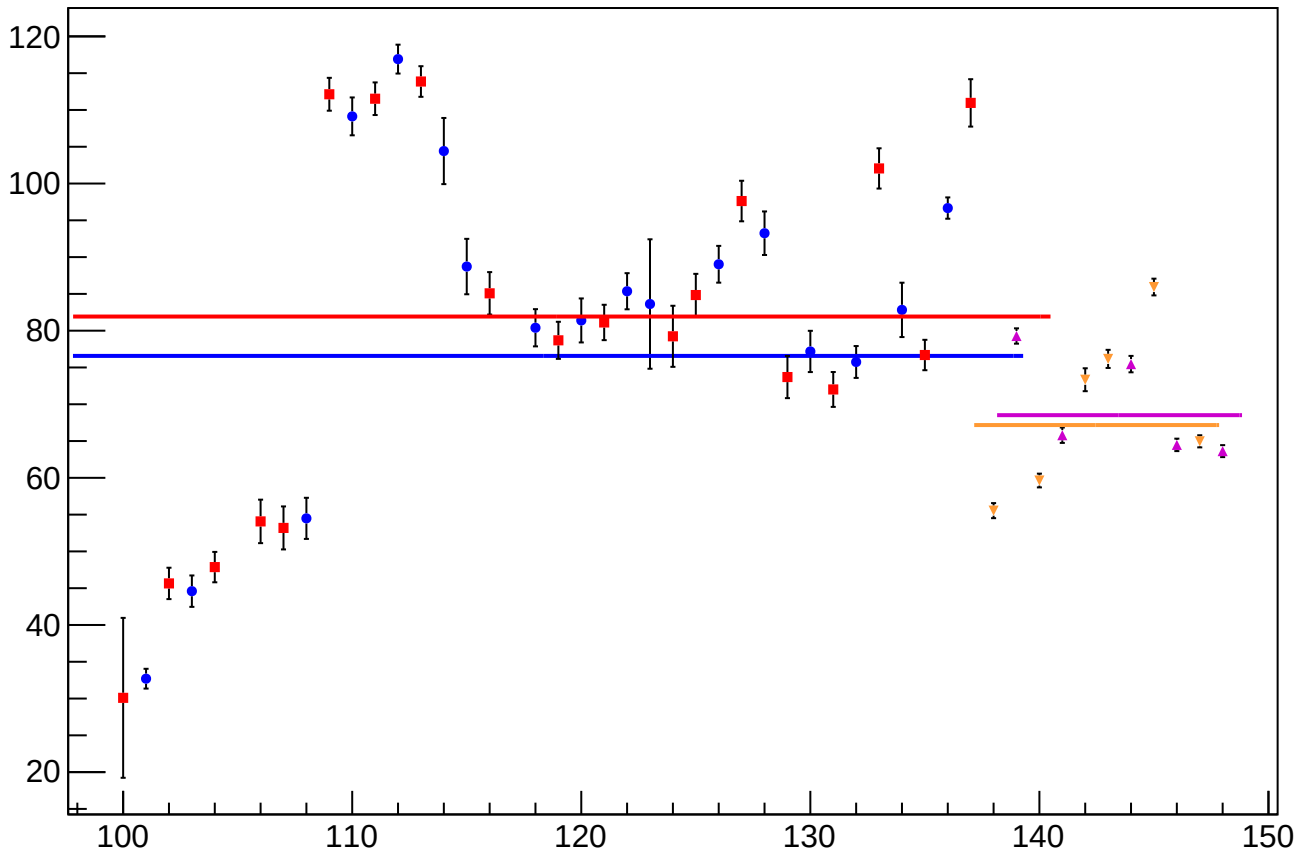
Left In: 2.449 ± 0.271 χ^2/NDF : 116.0/4

+ sign 2.031 ± 0.208 χ^2/NDF : 552.6/22

All: 2.500 ± 0.148 χ^2/NDF : 956.8/46

- sign 2.970 ± 0.209 χ^2/NDF : 394.1/23

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

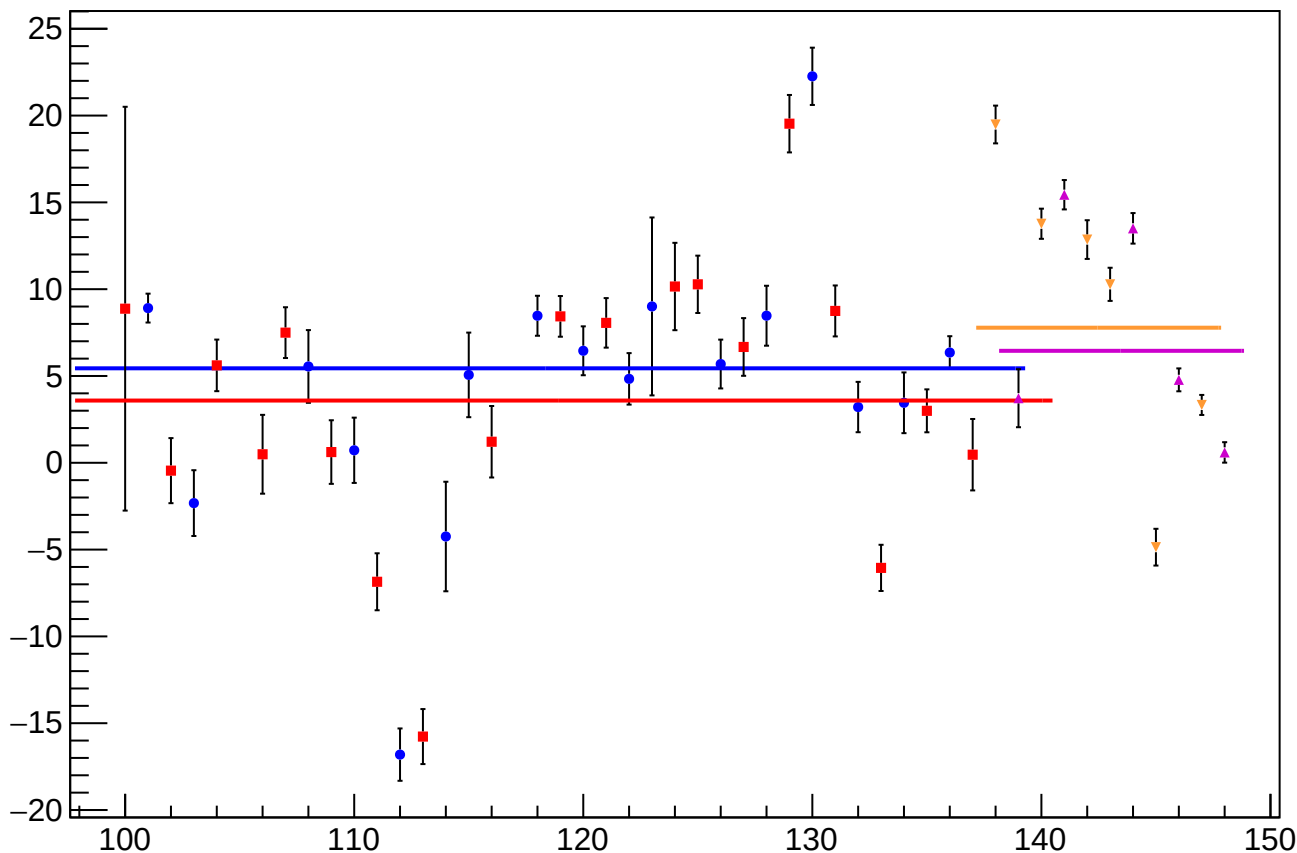
Left In: 68.518 $\pm$ 0.425 χ^2 /NDF: 211.2/4

+ sign 70.555 $\pm$ 0.344 χ^2 /NDF: 2967.9/22

All: 71.810 $\pm$ 0.244 χ^2 /NDF: 5114.9/46

- sign 73.073 $\pm$ 0.345 χ^2 /NDF: 2120.4/23

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

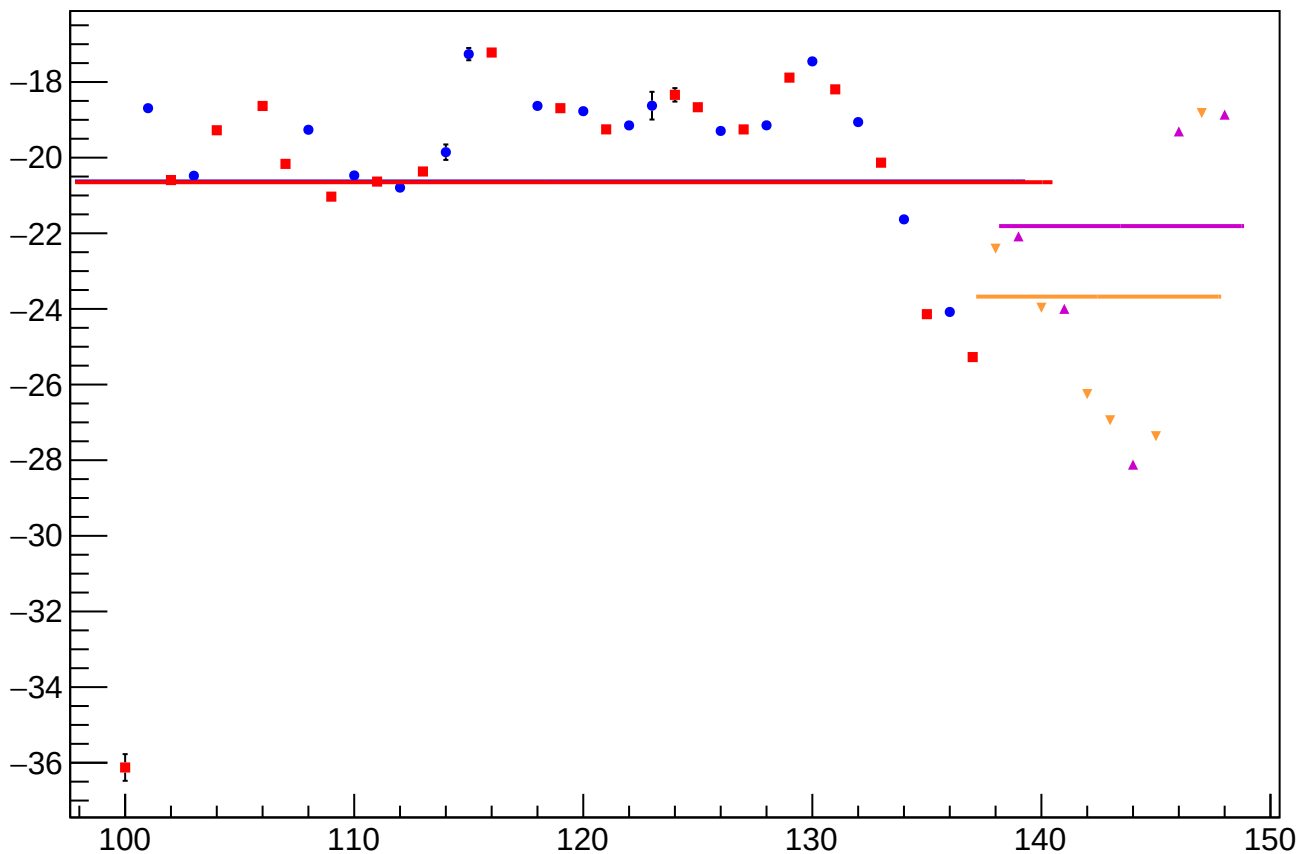
Left In: 6.450 ± 0.349 χ^2/NDF : 284.9/4

+ sign 6.621 ± 0.252 χ^2/NDF : 802.0/22

All: 5.883 ± 0.179 χ^2/NDF : 1558.9/46

- sign 5.122 ± 0.255 χ^2/NDF : 739.4/23

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

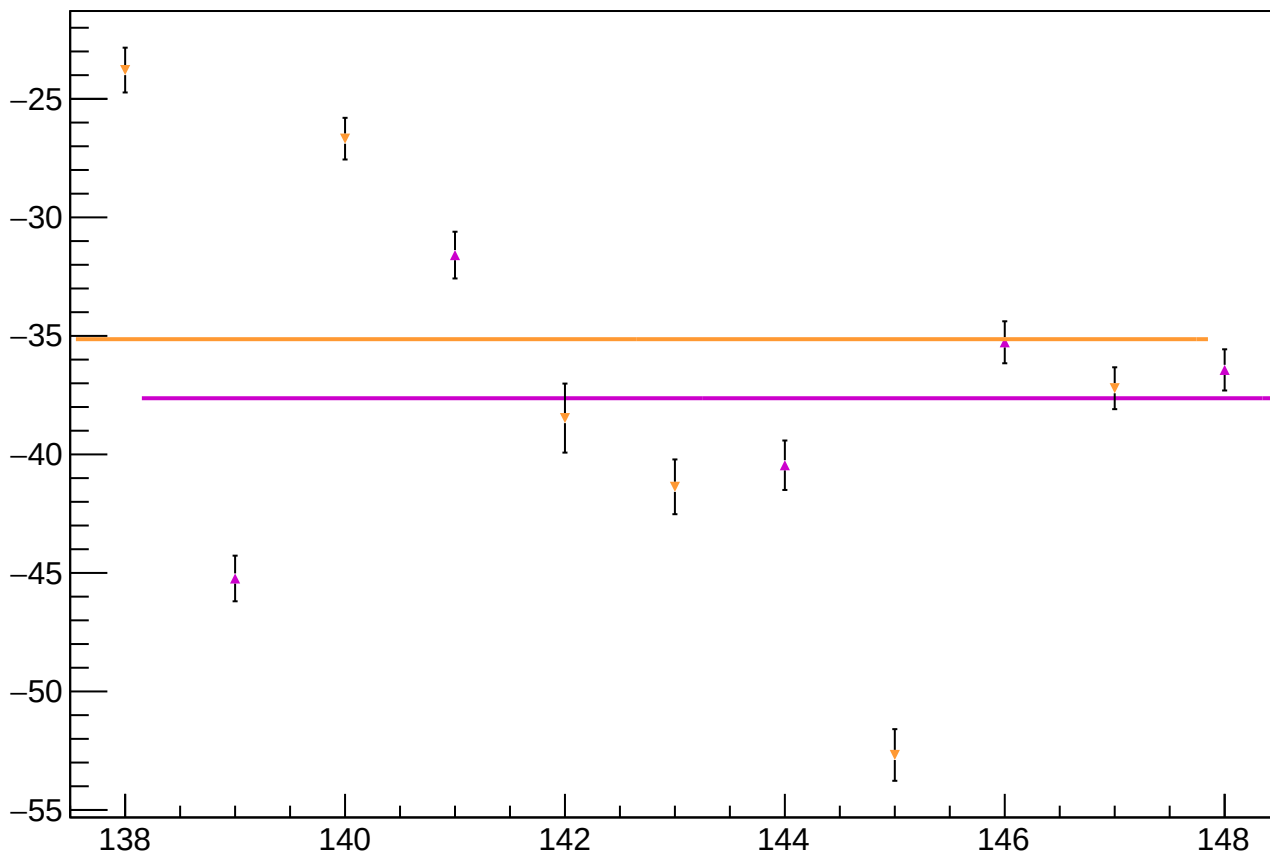
Left In: -21.810 ± 0.018 χ^2/NDF : 30721.0/4

+ sign -22.244 ± 0.013 χ^2/NDF : 55213.2/22

All: -21.759 ± 0.009 χ^2/NDF : 104433.9/46

- sign -21.284 ± 0.013 χ^2/NDF : 46556.4/23

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

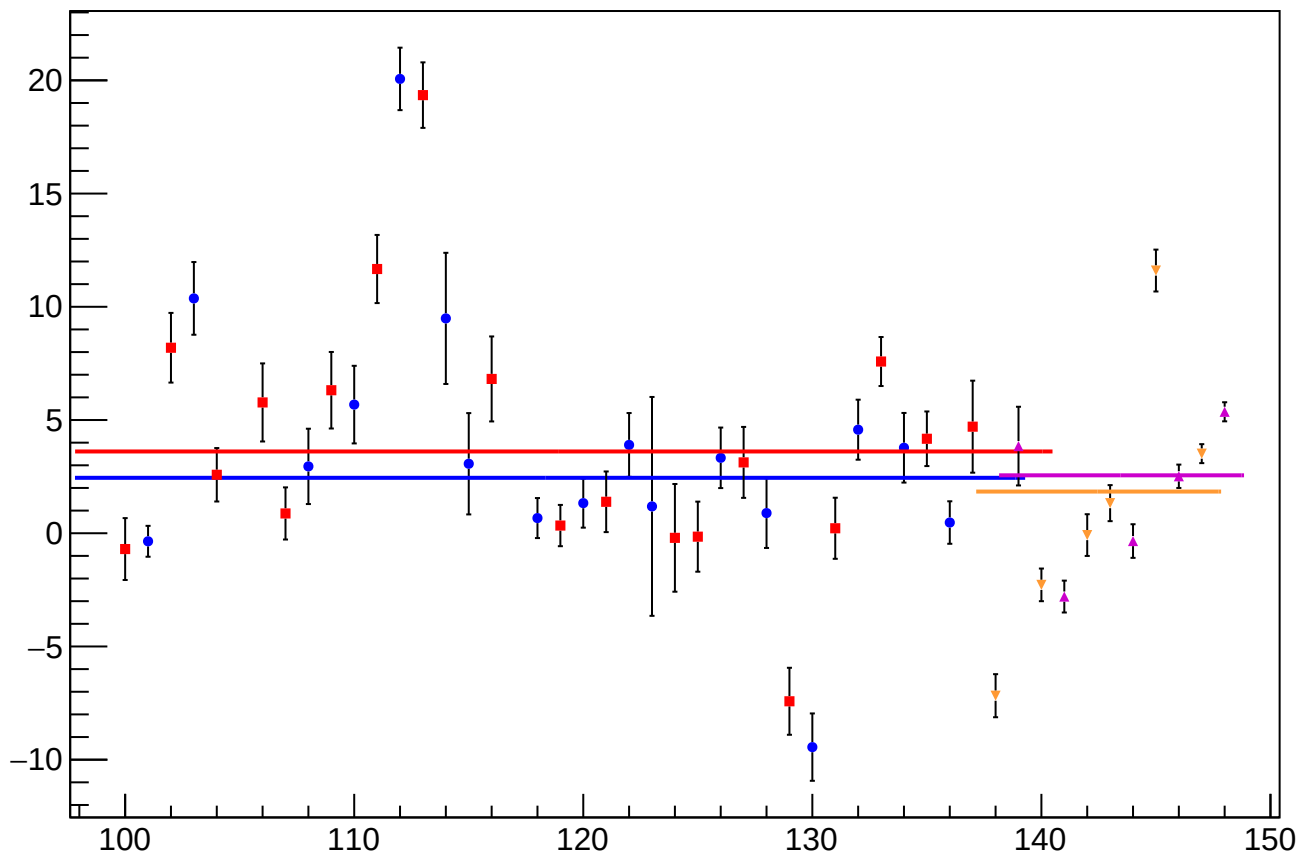
Left In: -37.630+/-0.422 χ^2/NDF : 116.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.370+/-0.296 χ^2/NDF : 669.8/10

- 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

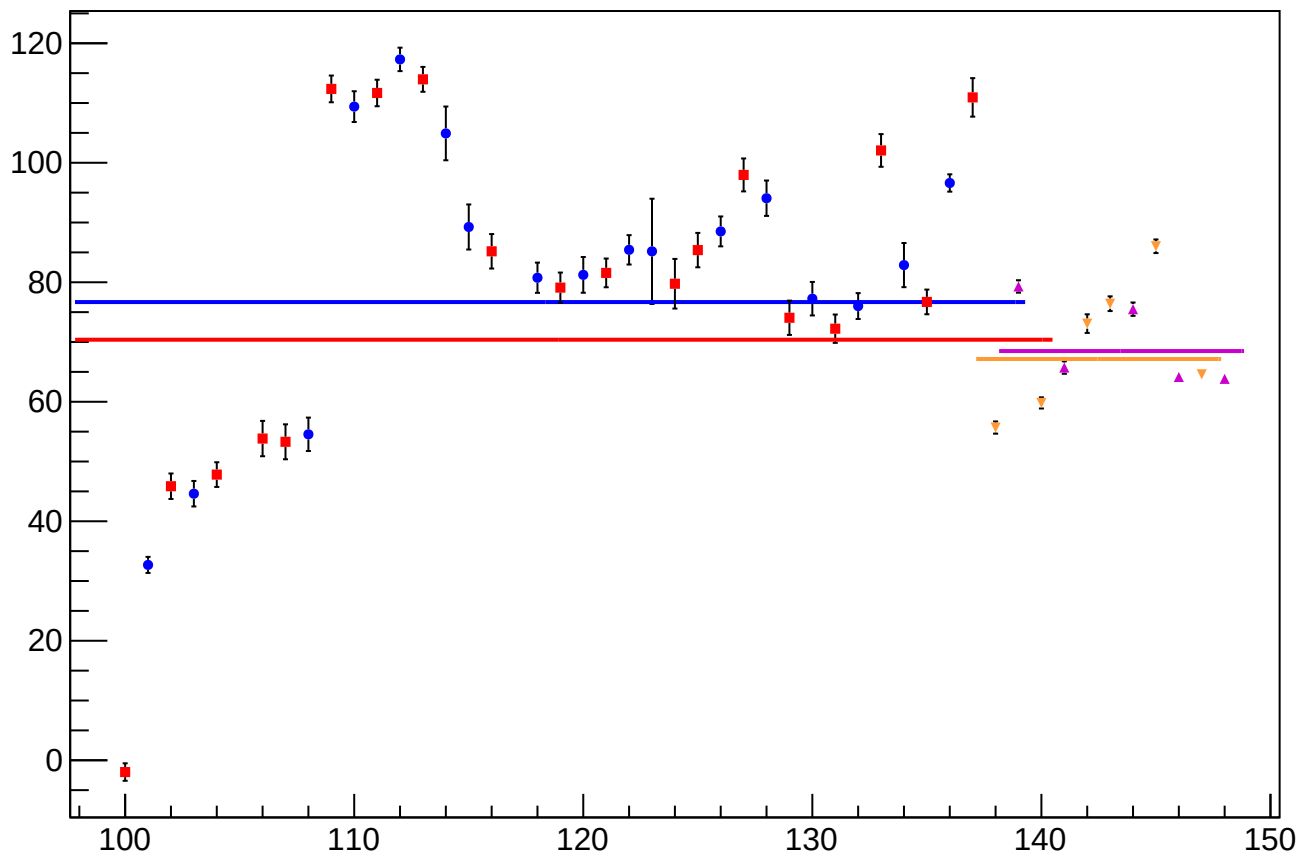
Left In: 2.558 ± 0.272 χ^2/NDF : 118.0/4

+ sign 2.113 ± 0.209 χ^2/NDF : 550.1/22

All: 2.562 ± 0.147 χ^2/NDF : 963.1/46

- sign 3.002 ± 0.207 χ^2/NDF : 403.8/23

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.687 ± 0.574 $\chi^2/\text{NDF}: 2265.1/16$

Left Out: 67.161 ± 0.430 $\chi^2/\text{NDF}: 542.4/5$

Right Out: 70.386 ± 0.550 $\chi^2/\text{NDF}: 4391.1/18$

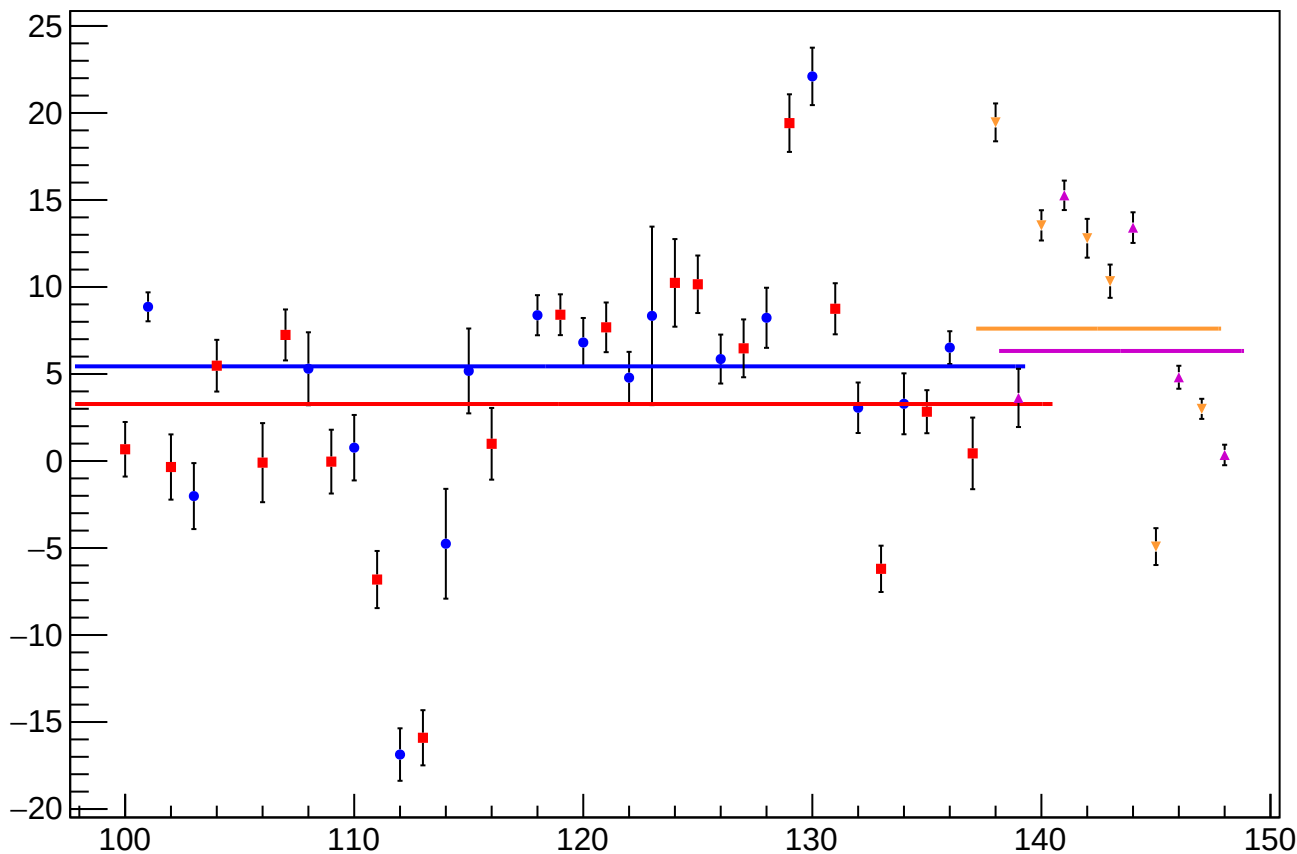
Left In: 68.490 ± 0.425 $\chi^2/\text{NDF}: 213.0/4$

+ sign 70.589 ± 0.344 $\chi^2/\text{NDF}: 2984.1/22$

All: 69.878 ± 0.240 $\chi^2/\text{NDF}: 7604.0/46$

- sign 69.199 ± 0.336 $\chi^2/\text{NDF}: 4611.6/23$

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

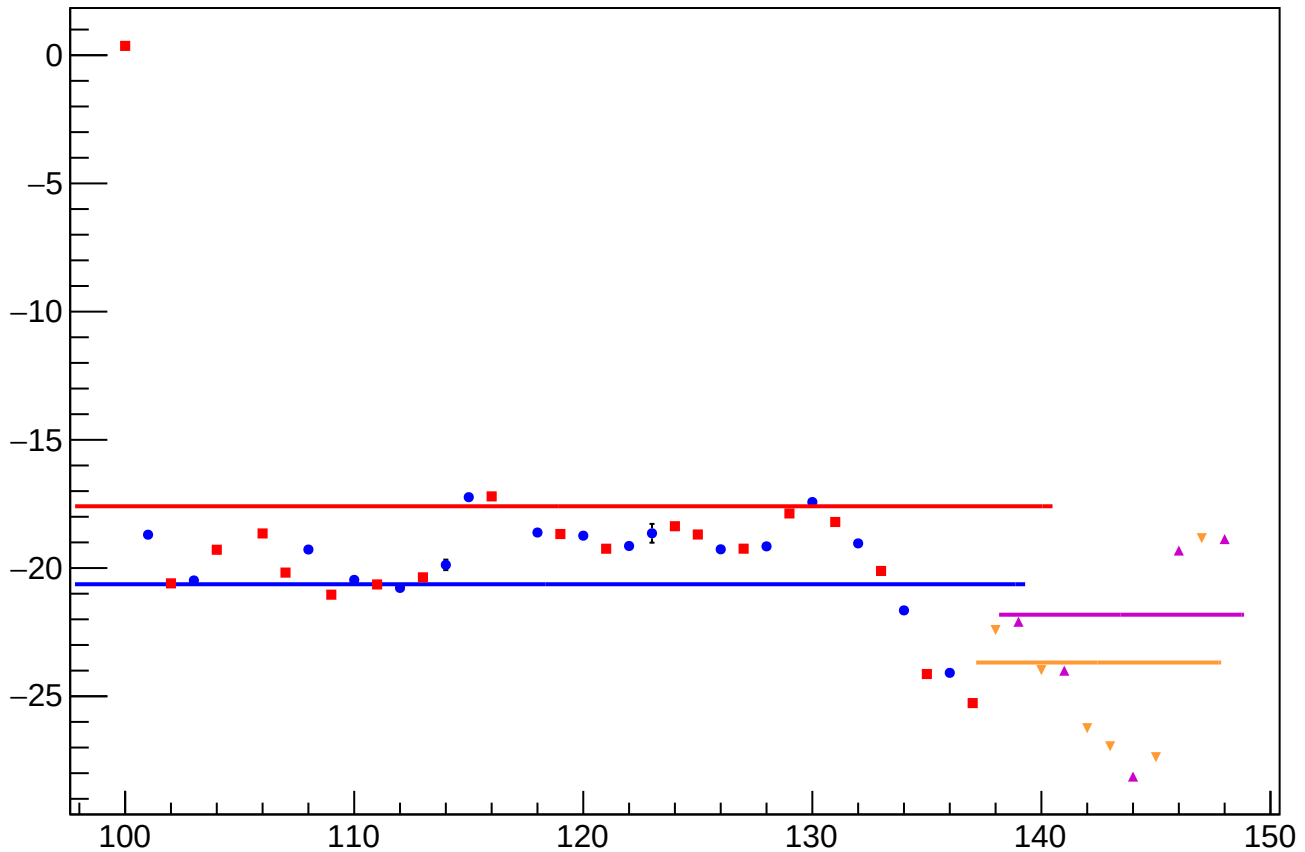
Left In: 6.324 $\pm$ 0.349 χ^2 /NDF: 287.0/4

+ sign 6.533 $\pm$ 0.252 χ^2 /NDF: 803.1/22

All: 5.703 $\pm$ 0.178 χ^2 /NDF: 1574.1/46

- sign 4.869 $\pm$ 0.252 χ^2 /NDF: 749.2/23

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.632 ± 0.019 χ^2/NDF : 12530.8/16

Left Out: -23.684 ± 0.018 χ^2/NDF : 29412.2/5

Right Out: -17.591 ± 0.018 χ^2/NDF : 178680.7/18

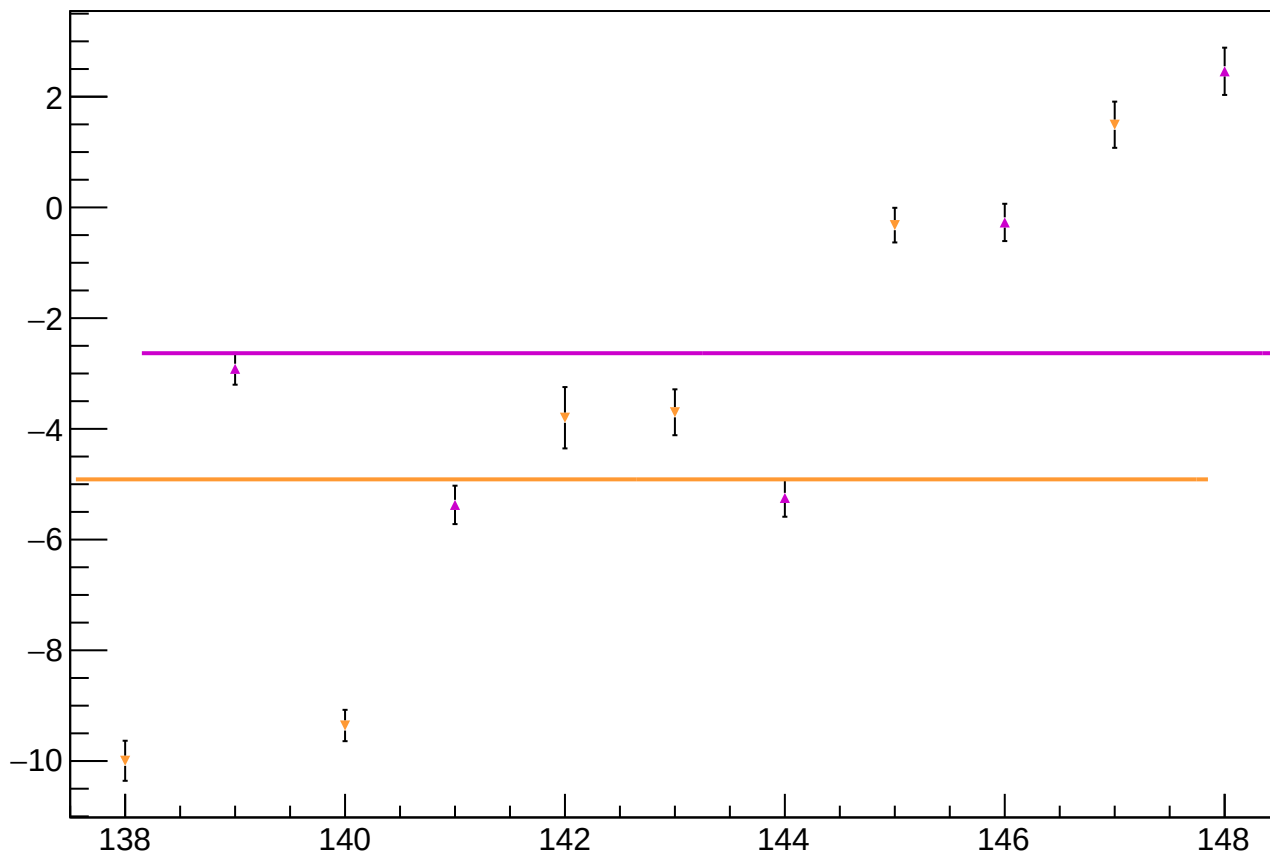
Left In: -21.819 ± 0.018 χ^2/NDF : 30695.3/4

+ sign -22.249 ± 0.013 χ^2/NDF : 55219.2/22

All: -20.938 ± 0.009 χ^2/NDF : 311439.1/46

- sign -19.743 ± 0.013 χ^2/NDF : 237427.7/23

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -4.912 $\pm$ 0.149 χ^2 /NDF: 908.1/5

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

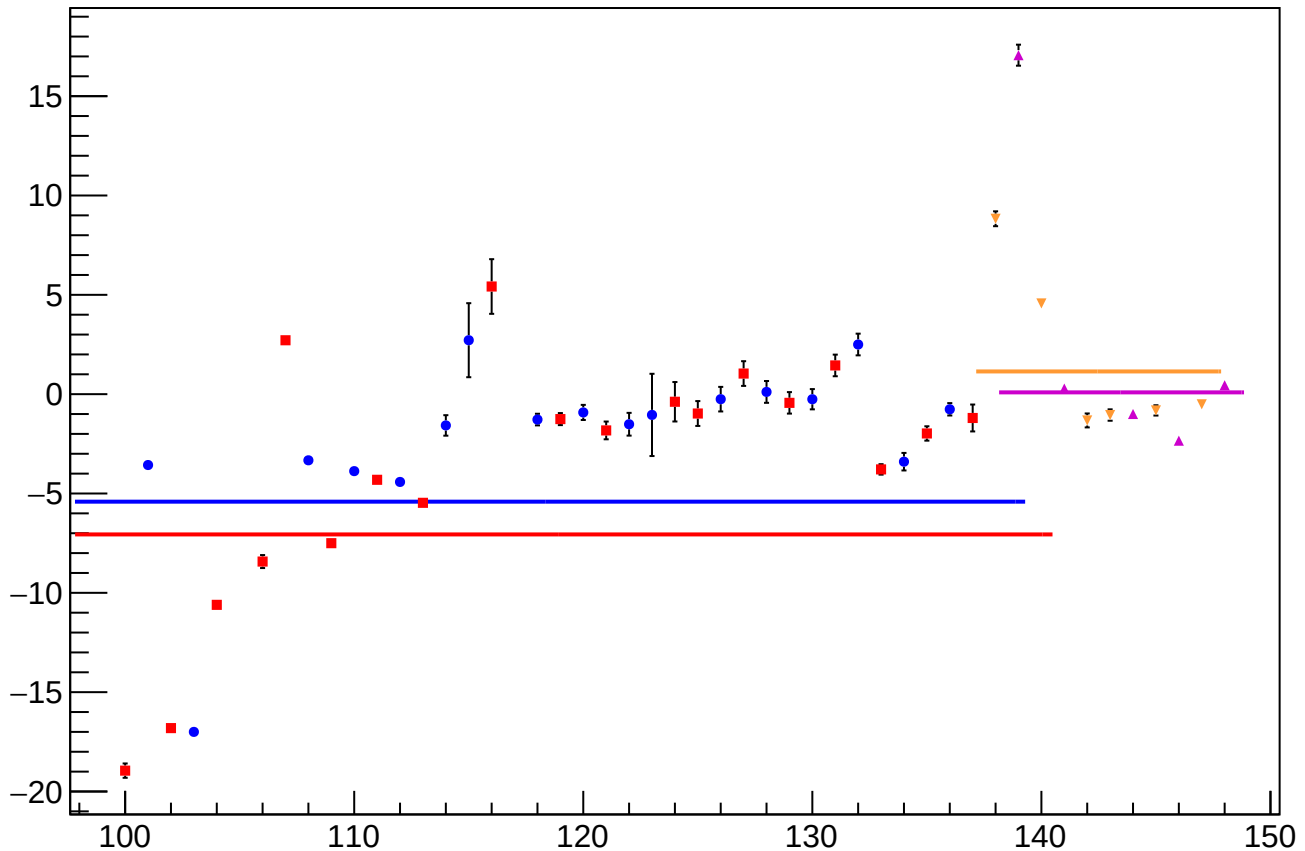
Left In: -2.633 $\pm$ 0.152 χ^2 /NDF: 313.8/4

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

All: -3.796 $\pm$ 0.106 χ^2 /NDF: 1336.8/10

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

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.411 ± 0.055 χ^2/NDF : 9261.2/16

Left Out: 1.144 ± 0.108 χ^2/NDF : 866.3/5

Right Out: -7.060 ± 0.059 χ^2/NDF : 12329.4/18

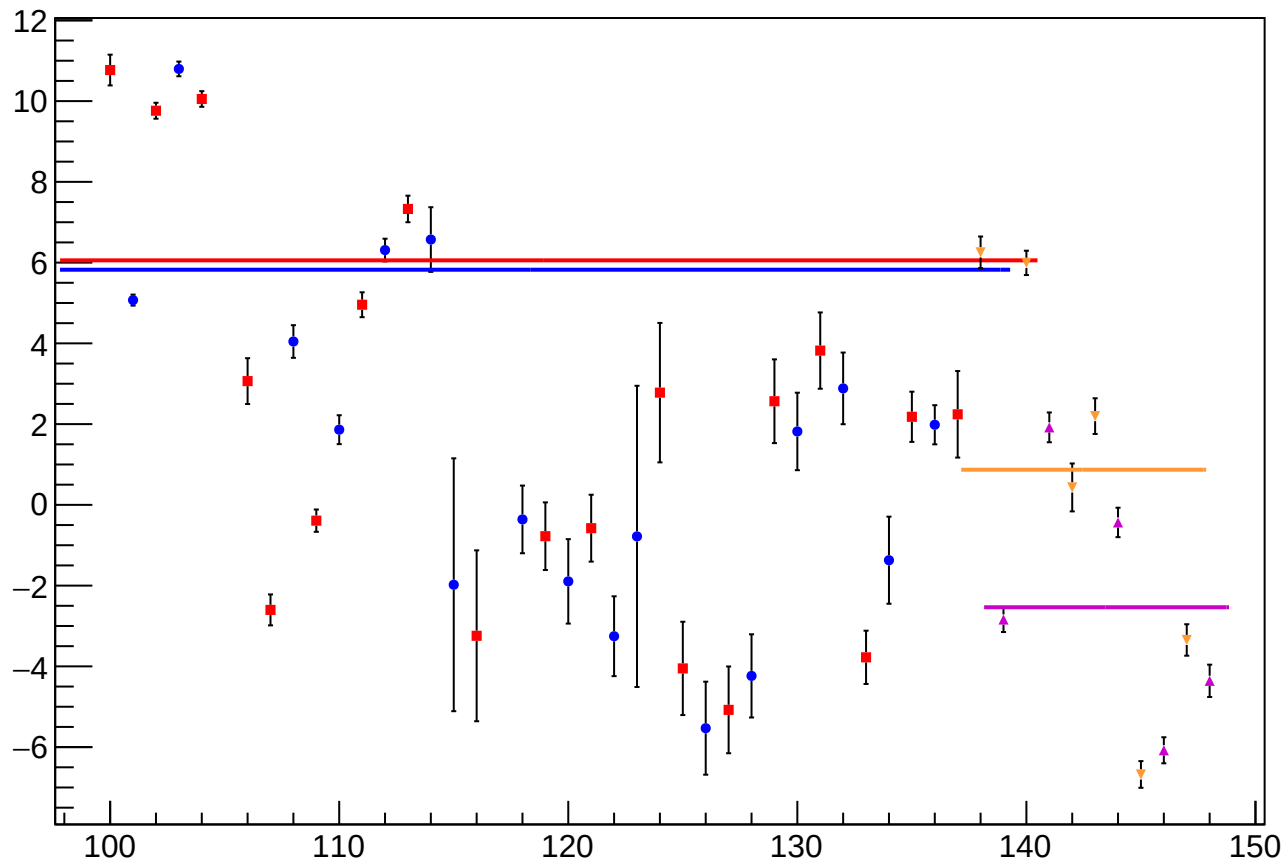
Left In: 0.090 ± 0.111 χ^2/NDF : 1182.4/4

+ sign -4.079 ± 0.049 χ^2/NDF : 13041.1/22

All: -4.738 ± 0.036 χ^2/NDF : 30167.7/46

- sign -5.487 ± 0.052 χ^2/NDF : 16738.2/23

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

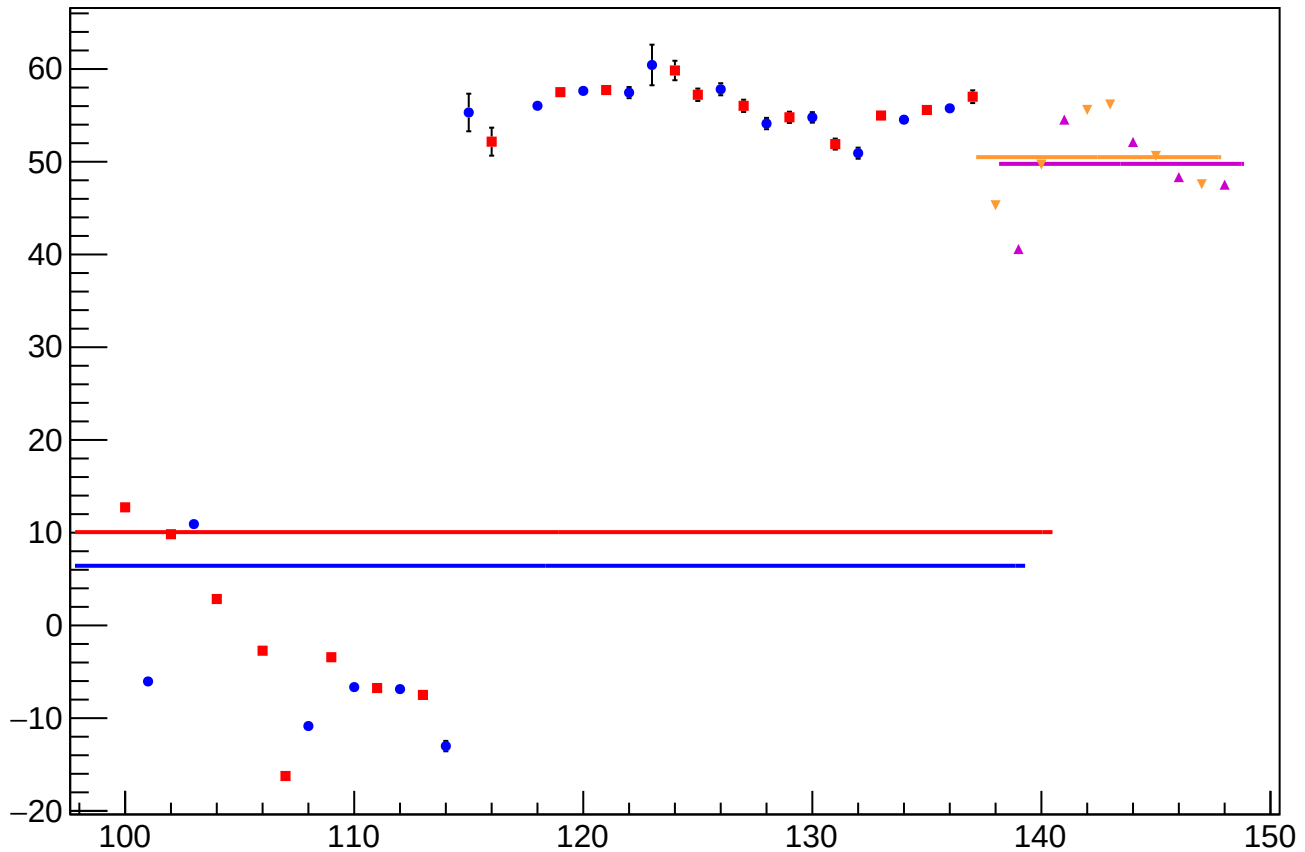
Left In: -2.536 ± 0.156 χ^2/NDF : 321.1/4

+ sign 4.593 ± 0.078 χ^2/NDF : 3337.2/22

All: 4.204 ± 0.056 χ^2/NDF : 8613.9/46

- sign 3.791 ± 0.080 χ^2/NDF : 5225.0/23

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

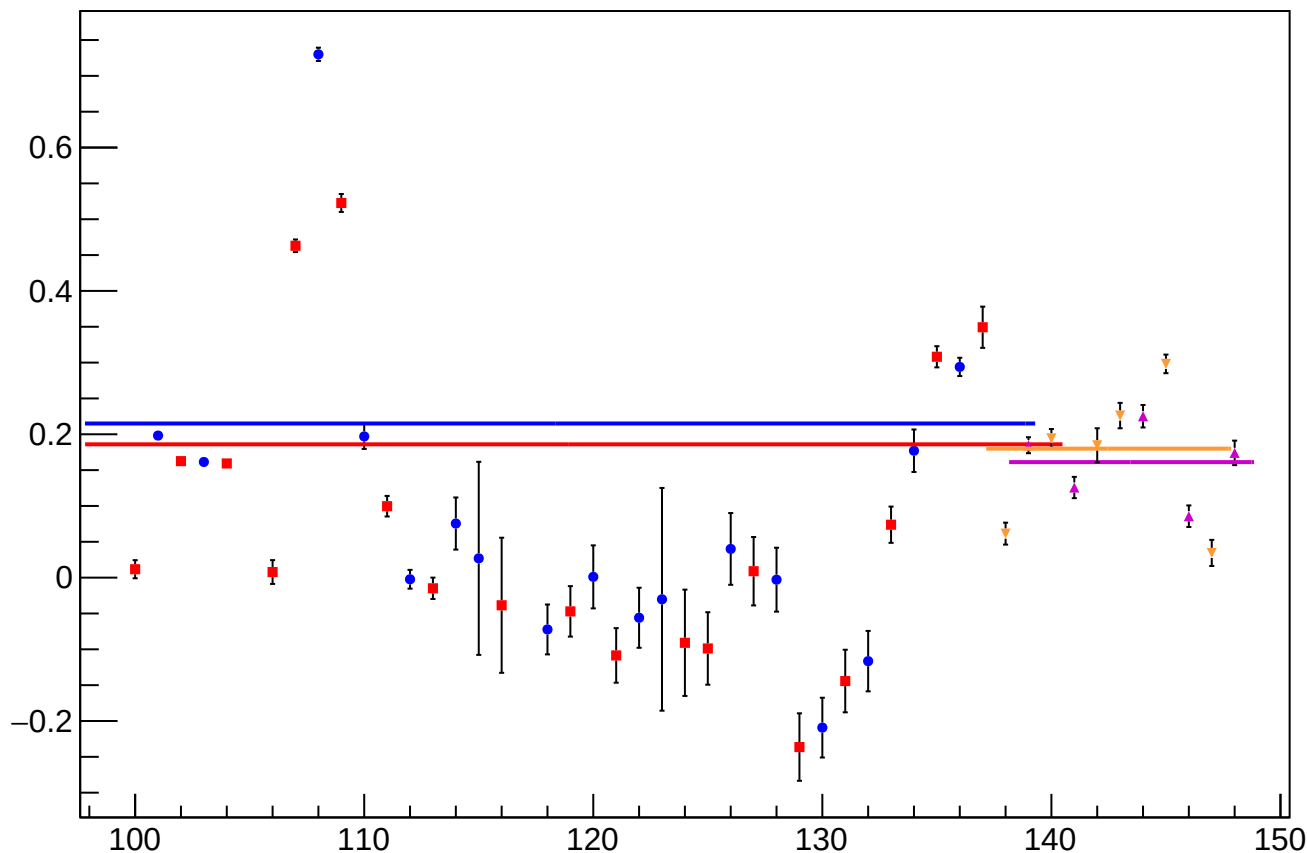
Left In: 49.773 $\pm$ 0.137 χ^2 /NDF: 734.8/4

+ sign 14.873 $\pm$ 0.058 χ^2 /NDF: 213031.7/22

All: 16.430 $\pm$ 0.042 χ^2 /NDF: 403655.6/46

- sign 18.209 $\pm$ 0.062 χ^2 /NDF: 189088.7/23

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 ± 0.003 χ^2/NDF : 3930.1/16

Left Out: 0.180 ± 0.006 χ^2/NDF : 215.0/5

Right Out: 0.186 ± 0.003 χ^2/NDF : 2720.3/18

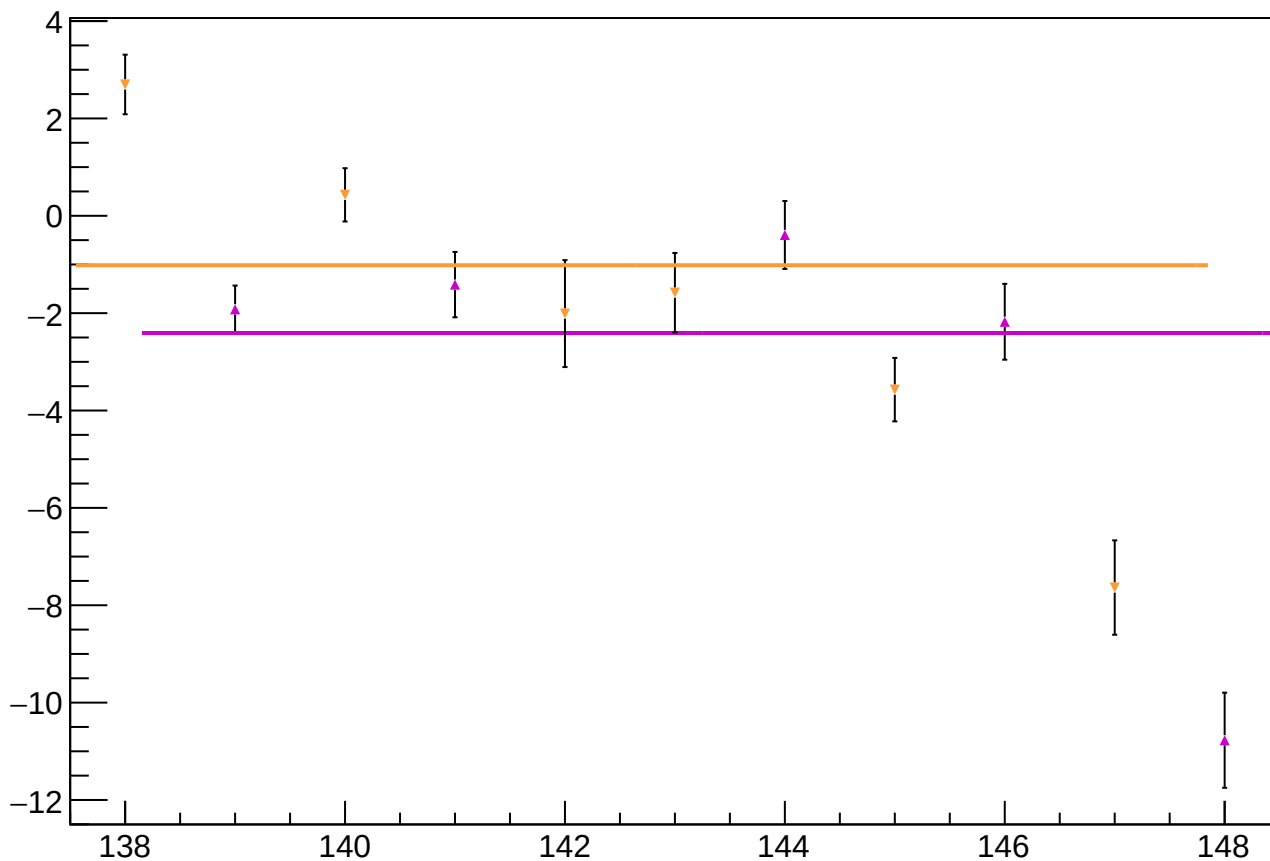
Left In: 0.161 ± 0.006 χ^2/NDF : 52.5/4

+ sign 0.210 ± 0.003 χ^2/NDF : 4170.1/22

All: 0.196 ± 0.002 χ^2/NDF : 7014.8/46

- sign 0.182 ± 0.002 χ^2/NDF : 2785.6/23

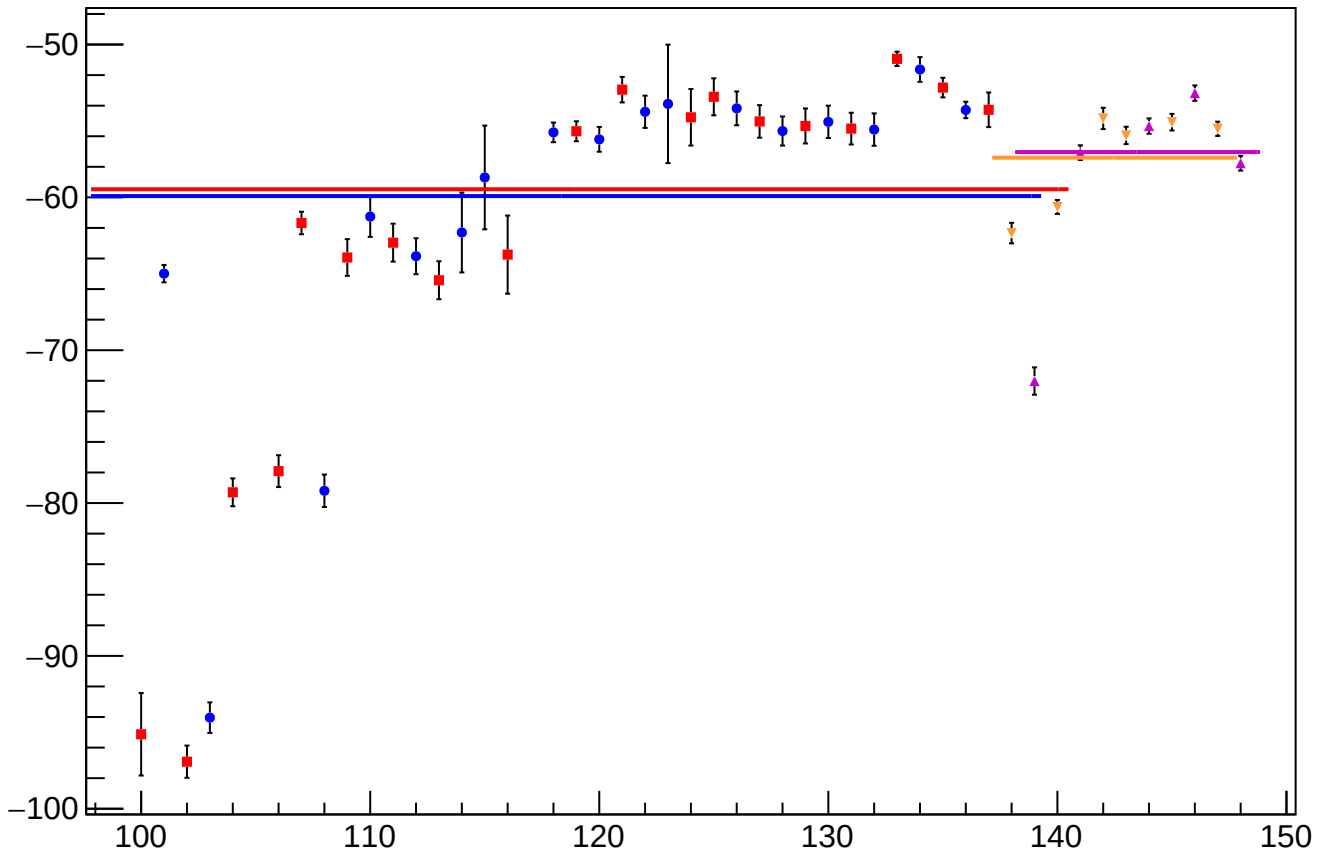
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.015 $\pm$ 0.292 χ^2 /NDF:107.1/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.407 $\pm$ 0.299 χ^2 /NDF:84.9/4

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -1.693 $\pm$ 0.209 χ^2 /NDF: 203.1/10
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.914 ± 0.223 χ^2/NDF : 1979.5/16

Left Out: -57.403 ± 0.223 χ^2/NDF : 158.1/5

Right Out: -59.468 ± 0.212 χ^2/NDF : 2912.7/18

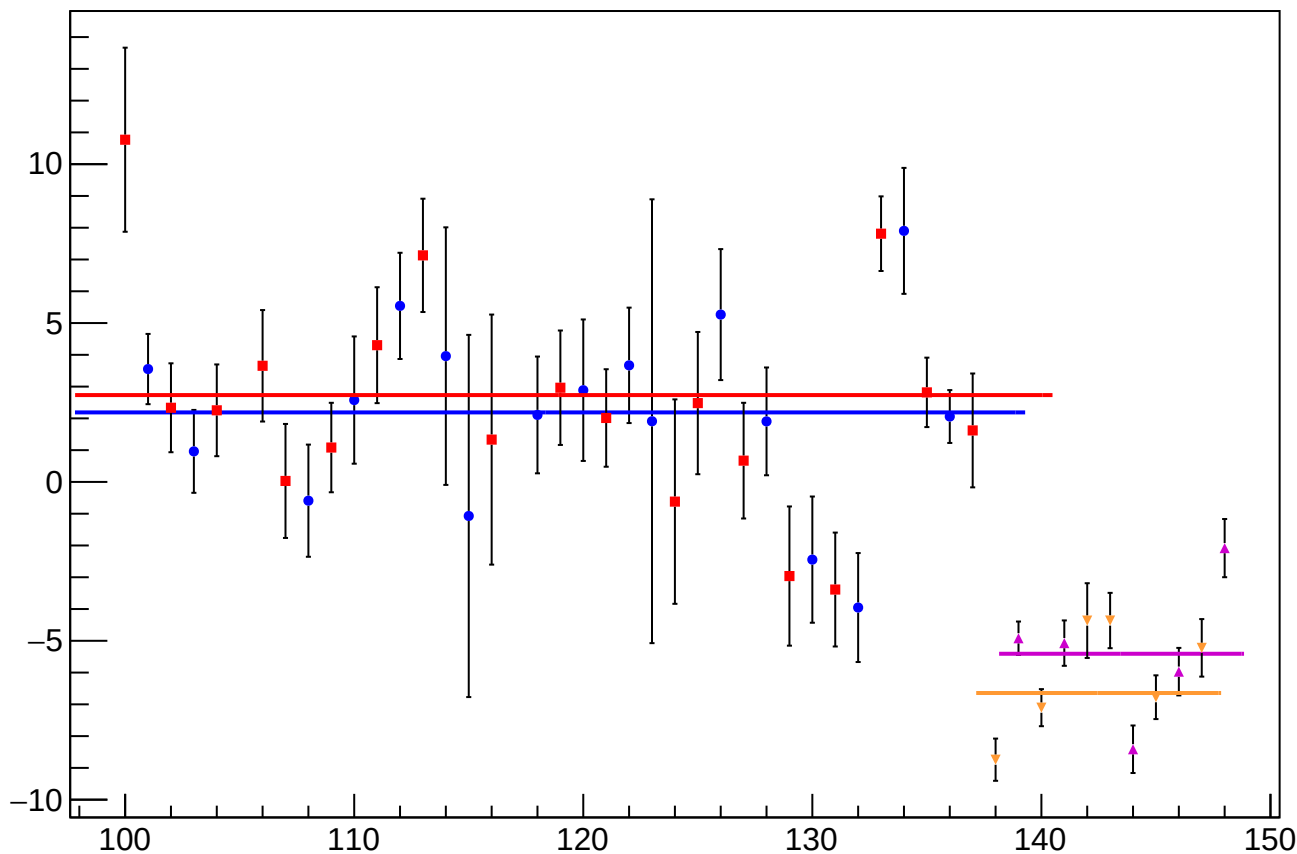
Left In: -57.033 ± 0.238 χ^2/NDF : 352.7/4

+ sign -58.659 ± 0.158 χ^2/NDF : 2201.0/22

All: -58.524 ± 0.112 χ^2/NDF : 5526.2/46

- sign -58.389 ± 0.158 χ^2/NDF : 3323.7/23

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

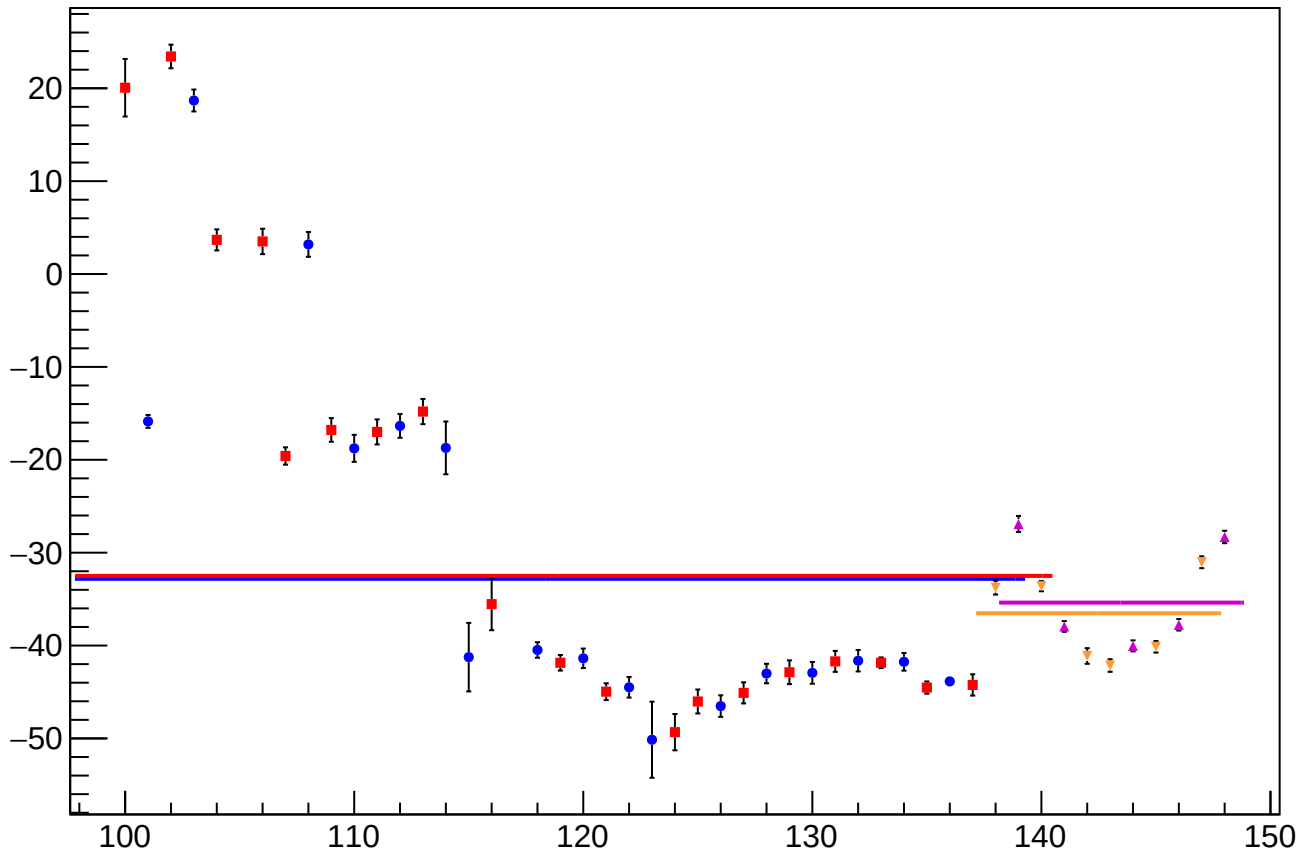
Left In: -5.408 ± 0.311 χ^2/NDF : 31.0/4

+ sign -3.405 ± 0.245 χ^2/NDF : 365.3/22

All: -2.807 ± 0.172 χ^2/NDF : 735.3/46

- sign -2.219 ± 0.243 χ^2/NDF : 358.2/23

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.817 ± 0.254 χ^2/NDF : 4666.6/16

Left Out: -36.523 ± 0.270 χ^2/NDF : 248.1/5

Right Out: -32.501 ± 0.244 χ^2/NDF : 6037.9/18

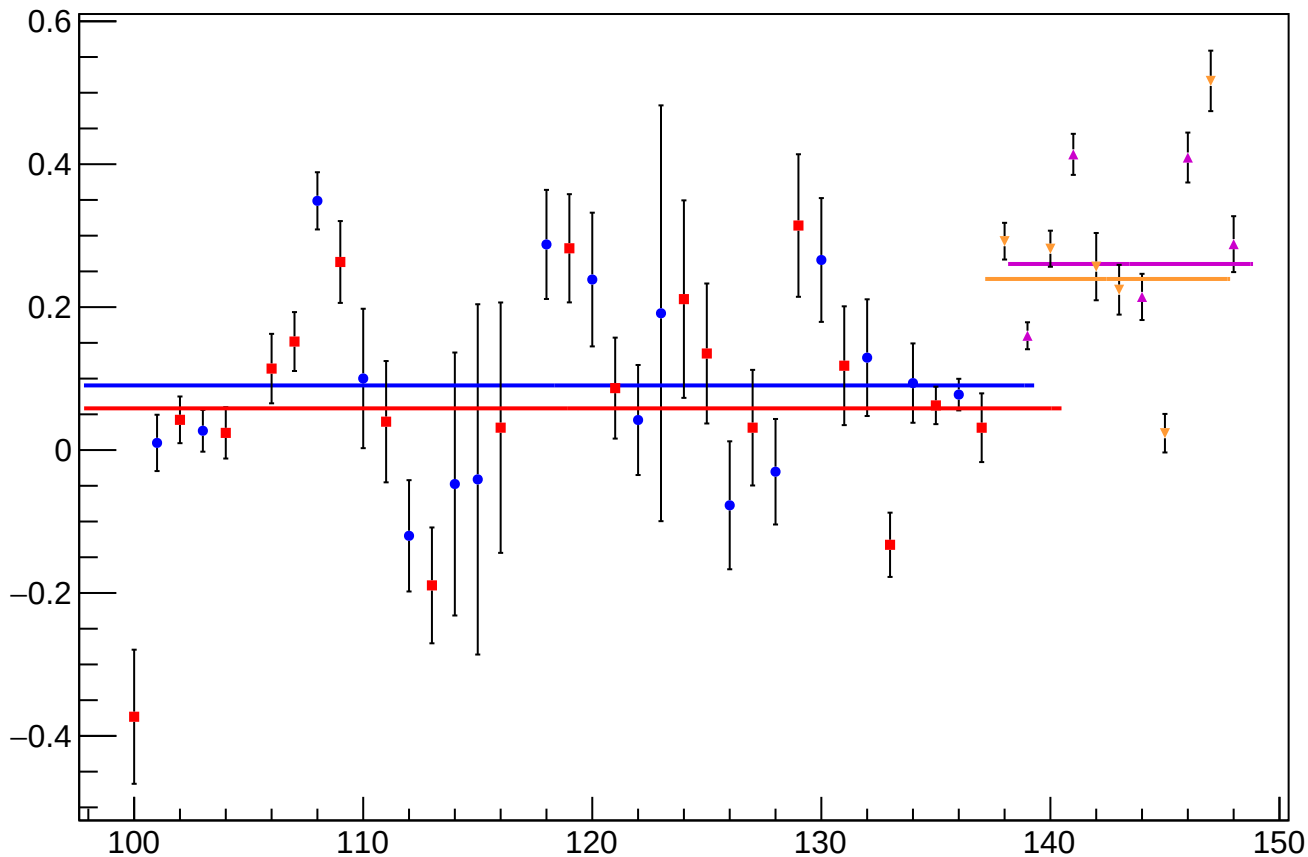
Left In: -35.378 ± 0.289 χ^2/NDF : 303.7/4

+ sign -34.556 ± 0.185 χ^2/NDF : 5014.6/22

All: -34.131 ± 0.131 χ^2/NDF : 11424.8/46

- sign -33.700 ± 0.186 χ^2/NDF : 6399.6/23

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

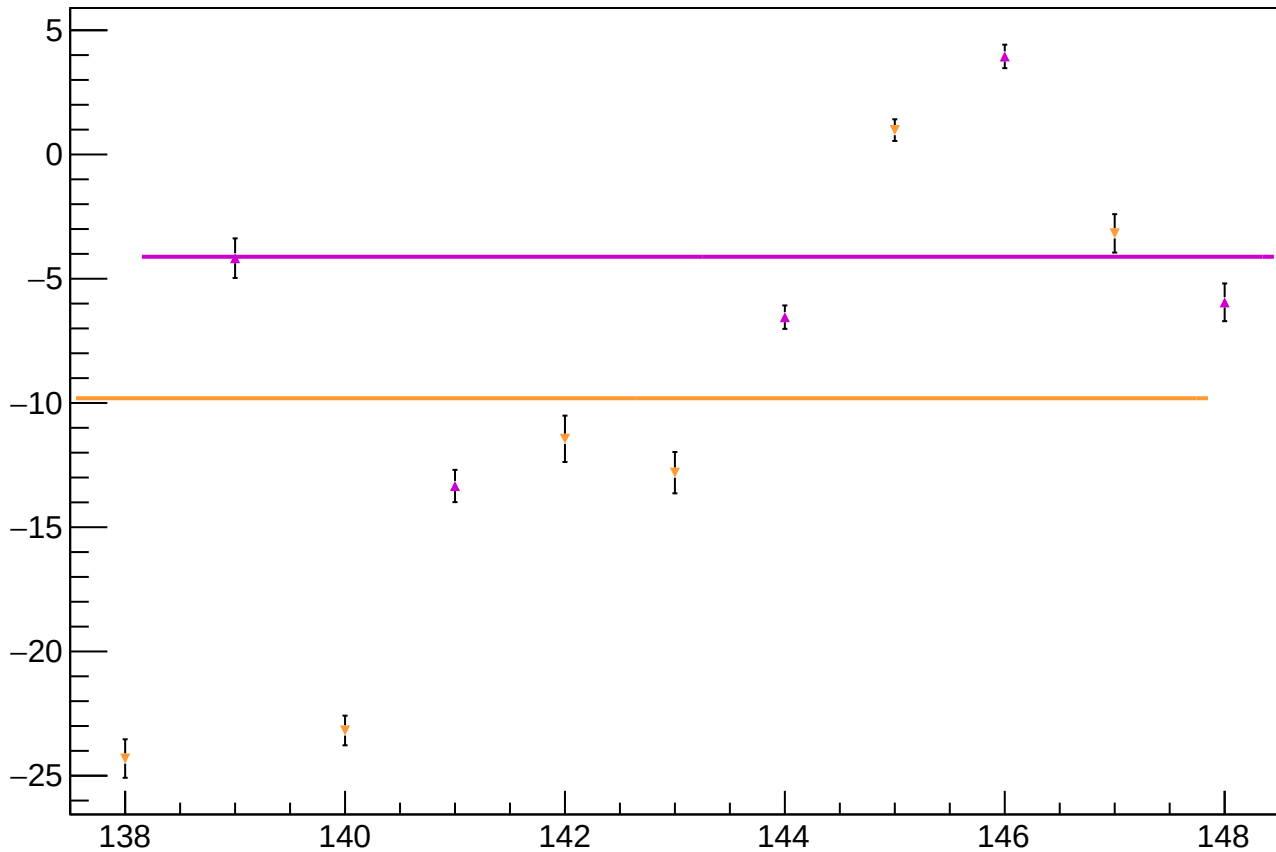
Left In: 0.260 ± 0.012 χ^2/NDF : 77.6/4

+ sign 0.166 ± 0.009 χ^2/NDF : 262.8/22

All: 0.161 ± 0.006 χ^2/NDF : 563.1/46

- sign 0.157 ± 0.009 χ^2/NDF : 299.8/23

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

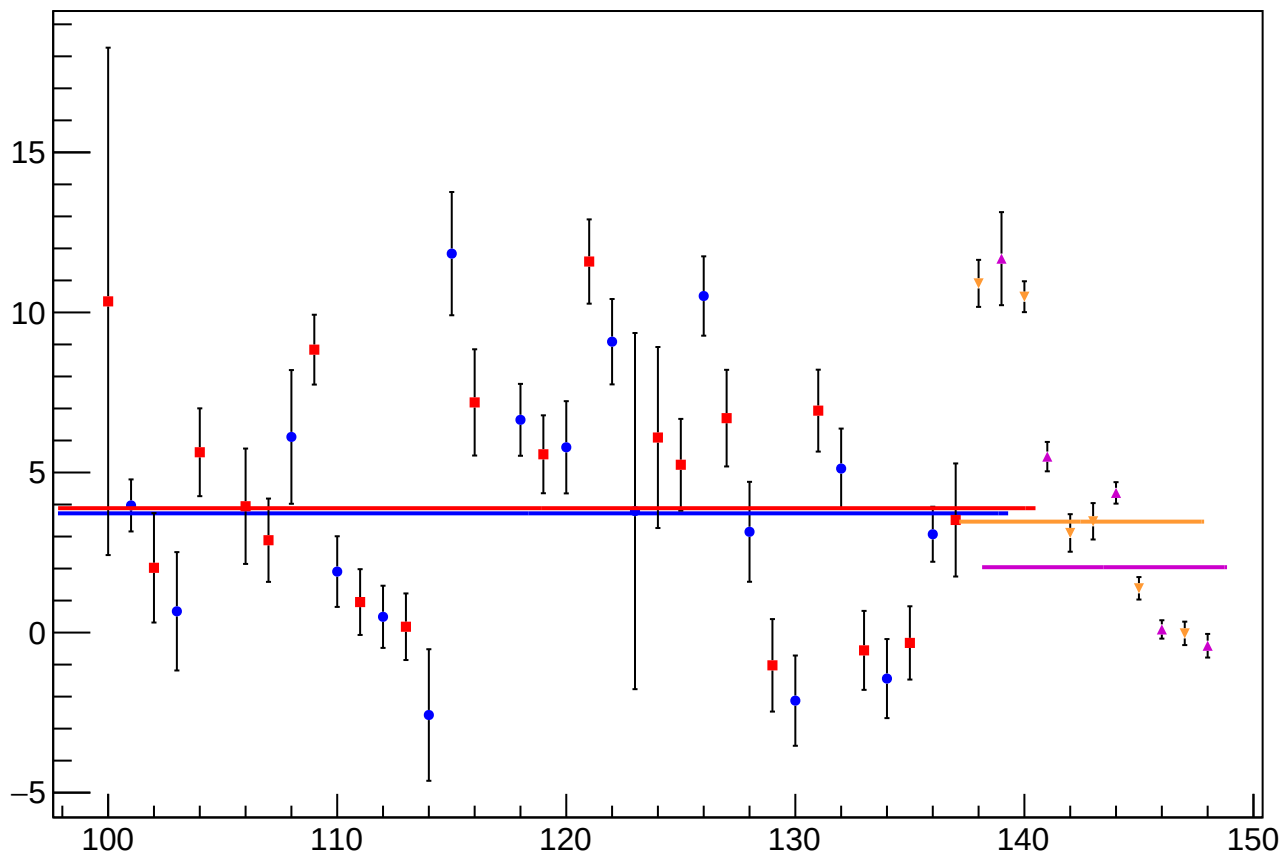
Left In: -4.116 ± 0.261 χ^2/NDF : 525.4/4

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.897 ± 0.187 χ^2/NDF : 2312.3/10

- 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 $\pm$ 0.308 χ^2 /NDF: 136.8/16

Left Out: 3.466 $\pm$ 0.190 χ^2 /NDF: 441.3/5

Right Out: 3.885 $\pm$ 0.316 χ^2 /NDF: 134.4/18

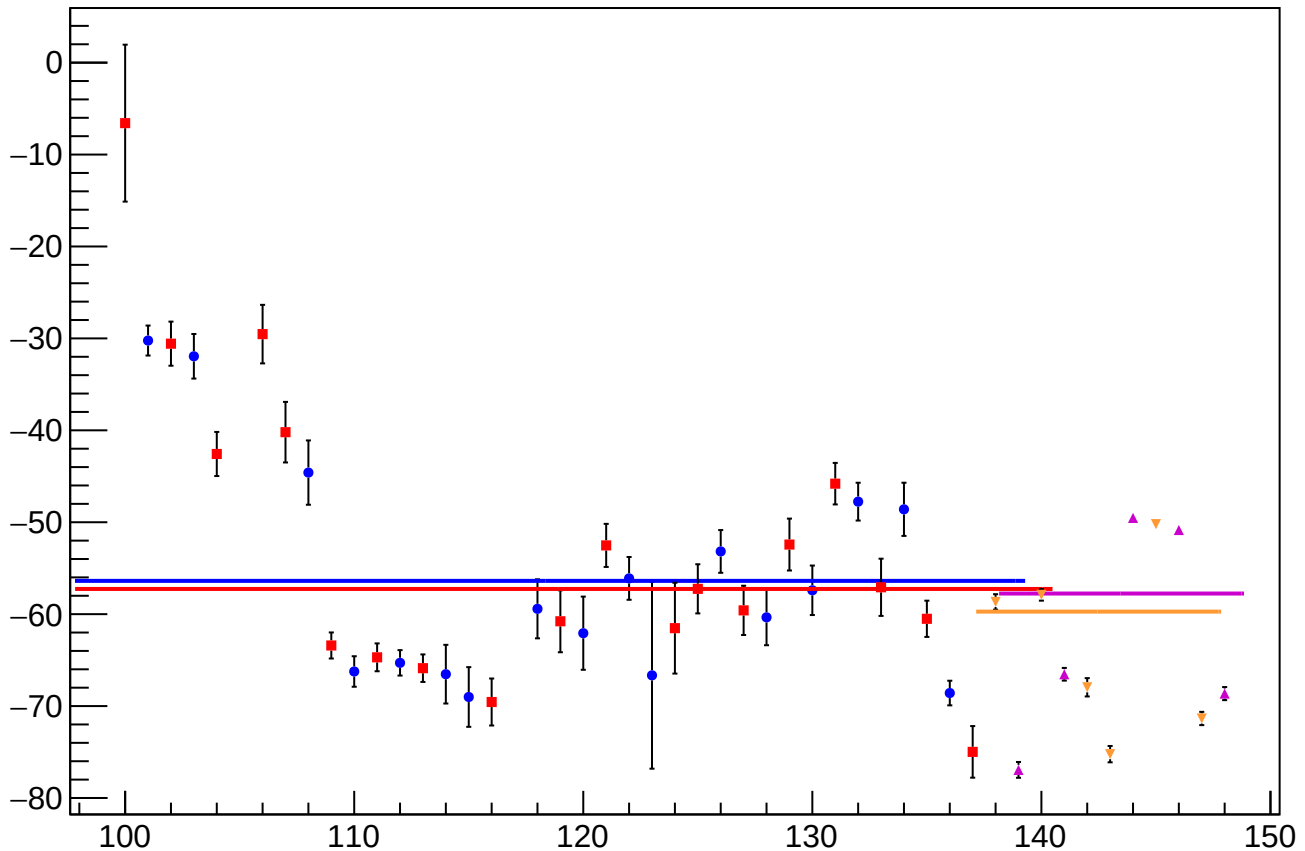
Left In: 2.042 $\pm$ 0.173 χ^2 /NDF: 238.6/4

+ sign 3.537 $\pm$ 0.162 χ^2 /NDF: 578.5/22

All: 2.966 $\pm$ 0.111 χ^2 /NDF: 1001.1/46

- sign 2.465 $\pm$ 0.151 χ^2 /NDF: 399.1/23

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

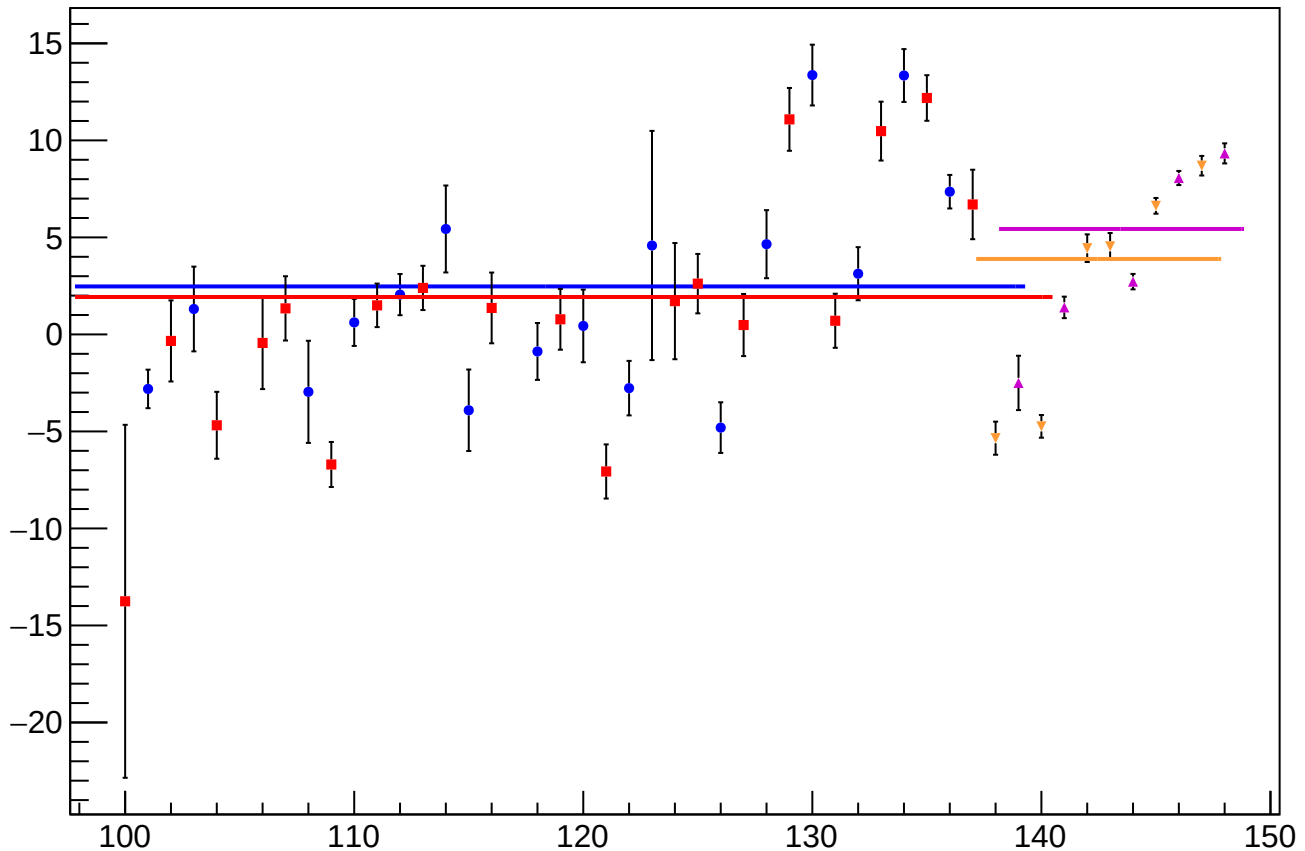
Left In: -57.756 ± 0.265 χ^2/NDF : 1390.1/4

+ sign -59.018 ± 0.249 χ^2/NDF : 1681.1/22

All: -58.307 ± 0.172 χ^2/NDF : 3563.6/46

- sign -57.658 ± 0.238 χ^2/NDF : 1866.9/23

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.473 ± 0.345 χ^2/NDF : 243.6/16

Left Out: 3.889 ± 0.233 χ^2/NDF : 473.2/5

Right Out: 1.928 ± 0.355 χ^2/NDF : 266.6/18

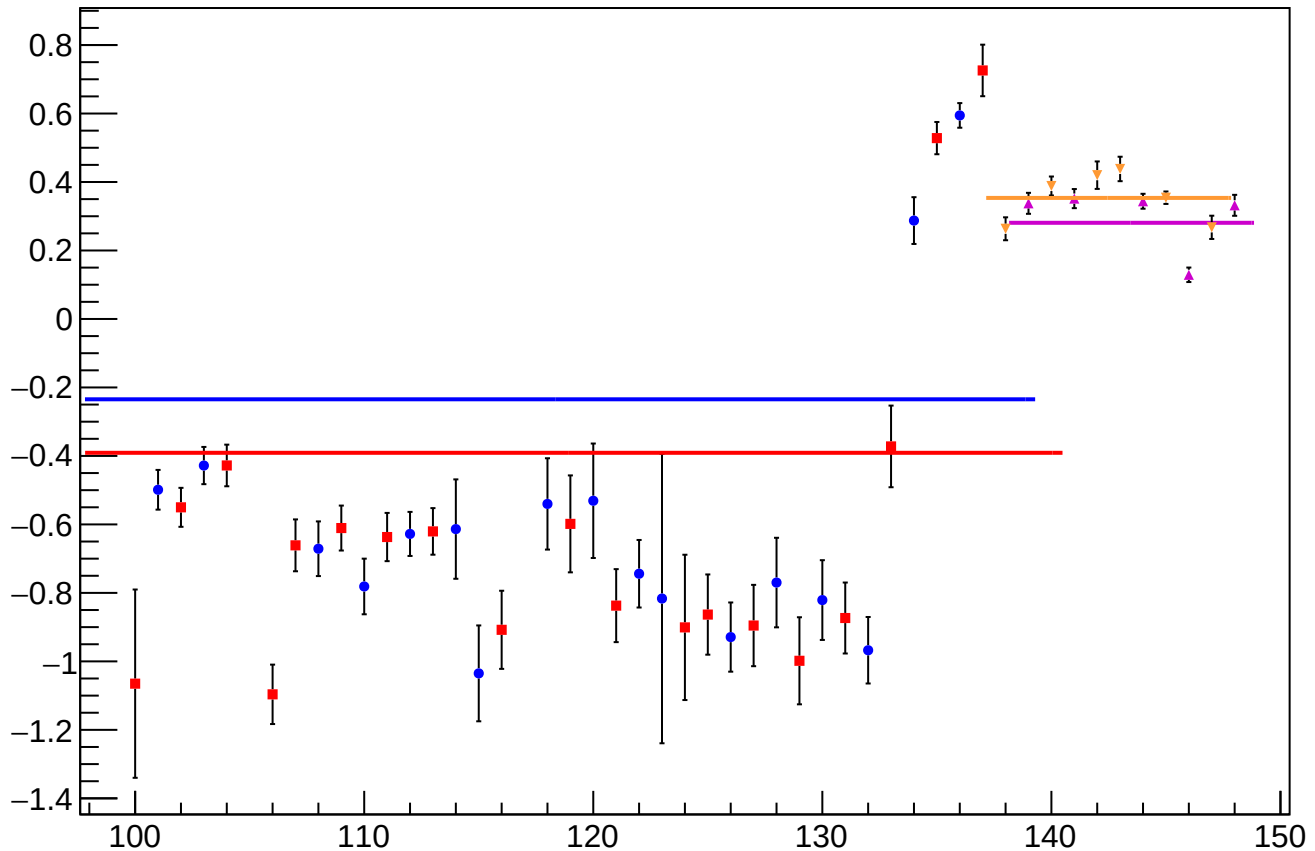
Left In: 5.435 ± 0.216 χ^2/NDF : 240.5/4

+ sign 3.446 ± 0.193 χ^2/NDF : 728.3/22

All: 3.988 ± 0.134 χ^2/NDF : 1321.7/46

- sign 4.484 ± 0.185 χ^2/NDF : 578.4/23

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

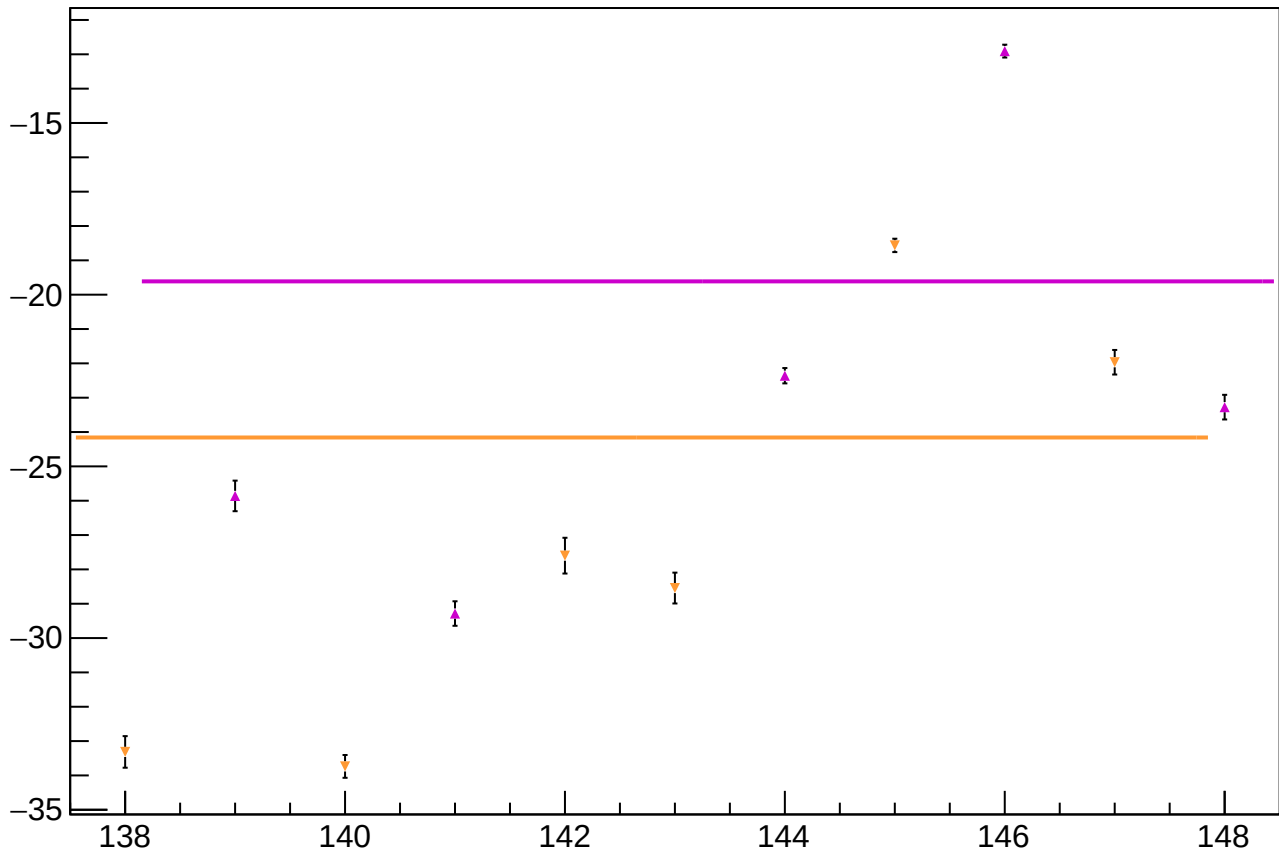
Left In: 0.281+/-0.011 χ^2/NDF : 72.5/4

+ sign 0.193+/-0.010 χ^2/NDF : 1688.3/22

All: 0.148+/-0.007 χ^2/NDF : 3580.1/46

- sign 0.104+/-0.010 χ^2/NDF : 1850.0/23

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -24.159+/-0.133 χ^2/NDF : 2229.8/5

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

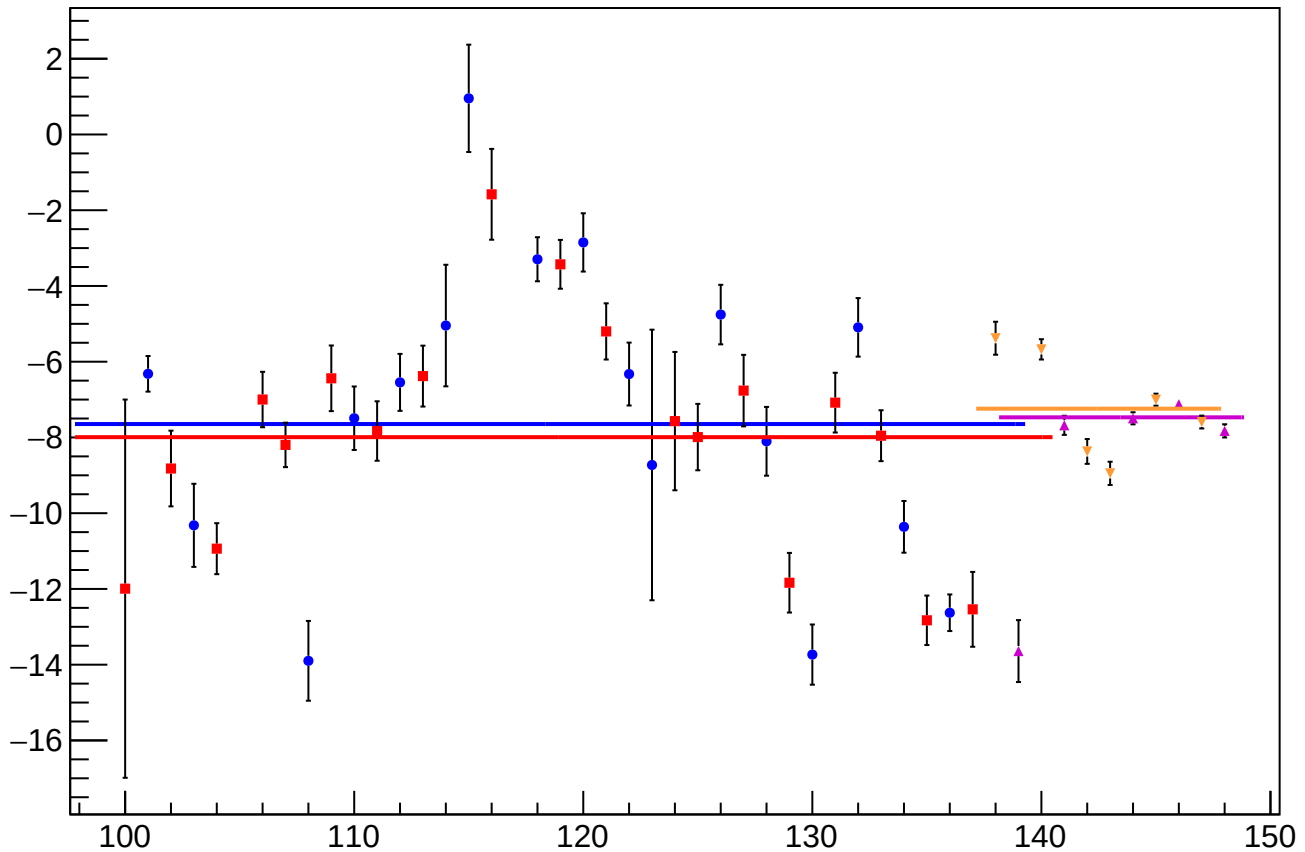
Left In: -19.613+/-0.120 χ^2/NDF : 2467.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.659+/-0.089 χ^2/NDF : 5340.4/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.646 ± 0.186 χ^2/NDF : 393.6/16

Left Out: -7.241 ± 0.094 χ^2/NDF : 101.9/5

Right Out: -7.992 ± 0.186 χ^2/NDF : 225.5/18

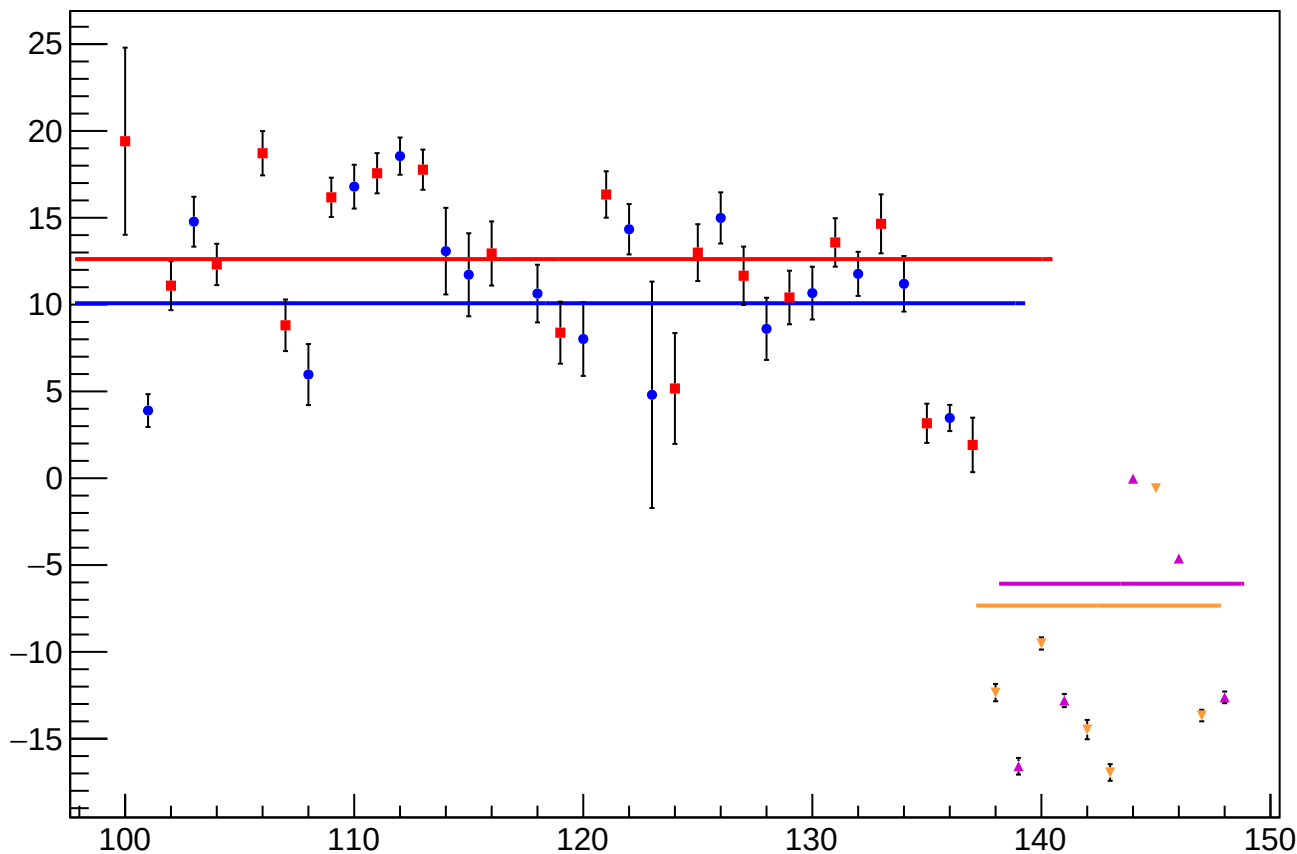
Left In: -7.469 ± 0.078 χ^2/NDF : 70.7/4

+ sign -7.323 ± 0.084 χ^2/NDF : 499.3/22

All: -7.452 ± 0.055 χ^2/NDF : 806.3/46

- sign -7.548 ± 0.072 χ^2/NDF : 302.8/23

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

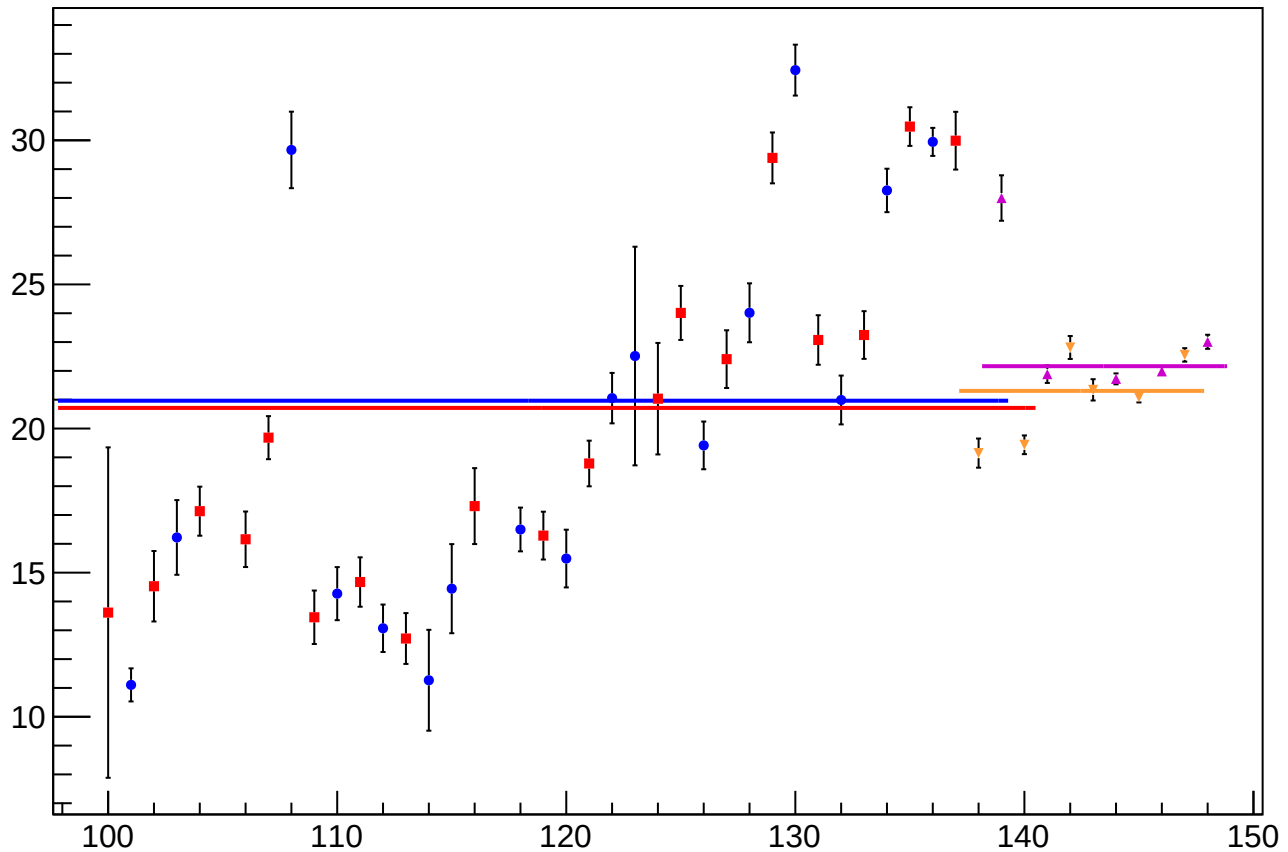
Left In: -6.075 ± 0.121 χ^2/NDF : 1873.2/4

+ sign -4.816 ± 0.128 χ^2/NDF : 4680.1/22

All: -4.298 ± 0.085 χ^2/NDF : 9595.4/46

- sign -3.889 ± 0.114 χ^2/NDF : 4886.0/23

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

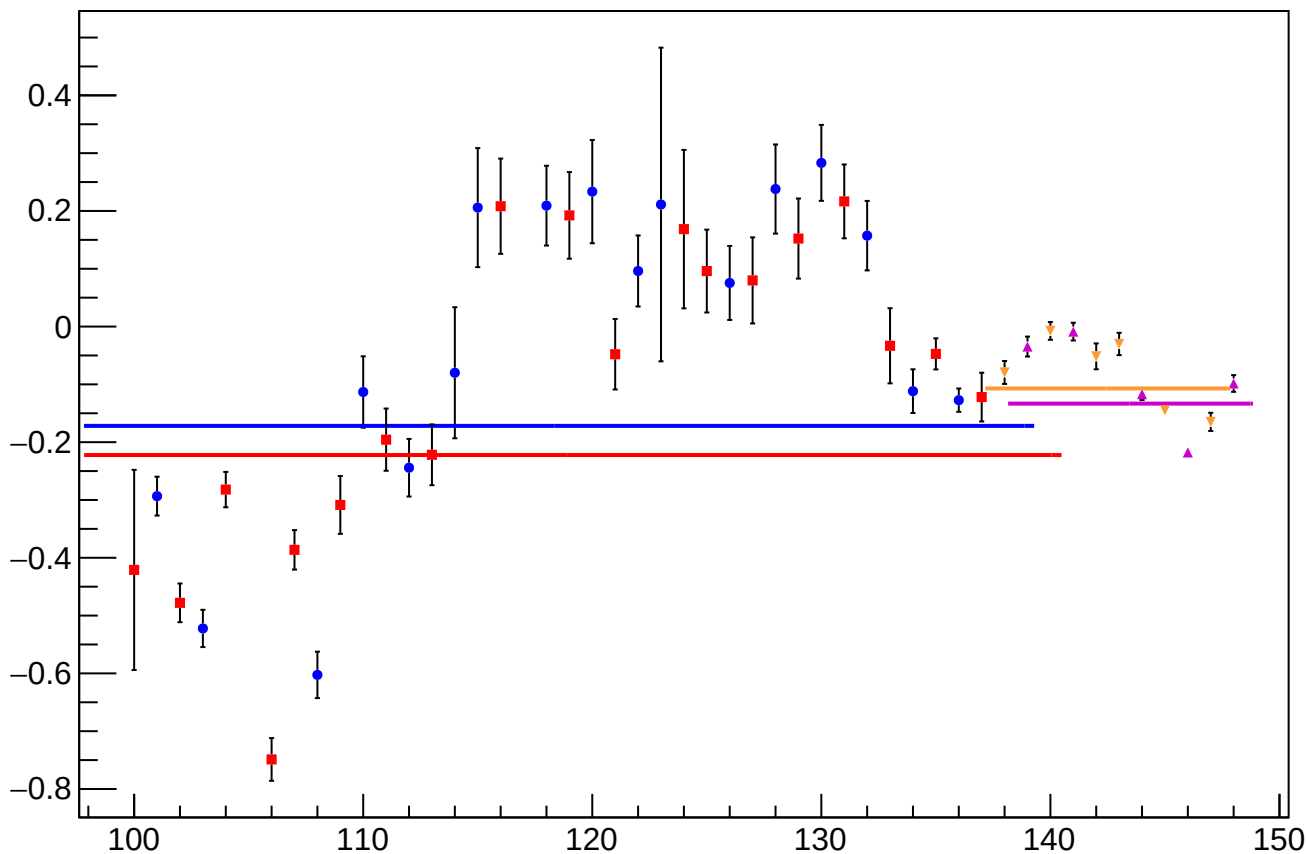
Left In: 22.163 $\pm$ 0.098 χ^2 /NDF: 74.5/4

+ sign 21.227 $\pm$ 0.101 χ^2 /NDF: 1323.1/22

All: 21.610 $\pm$ 0.067 χ^2 /NDF: 2191.2/46

- sign 21.908 $\pm$ 0.089 χ^2 /NDF: 842.5/23

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

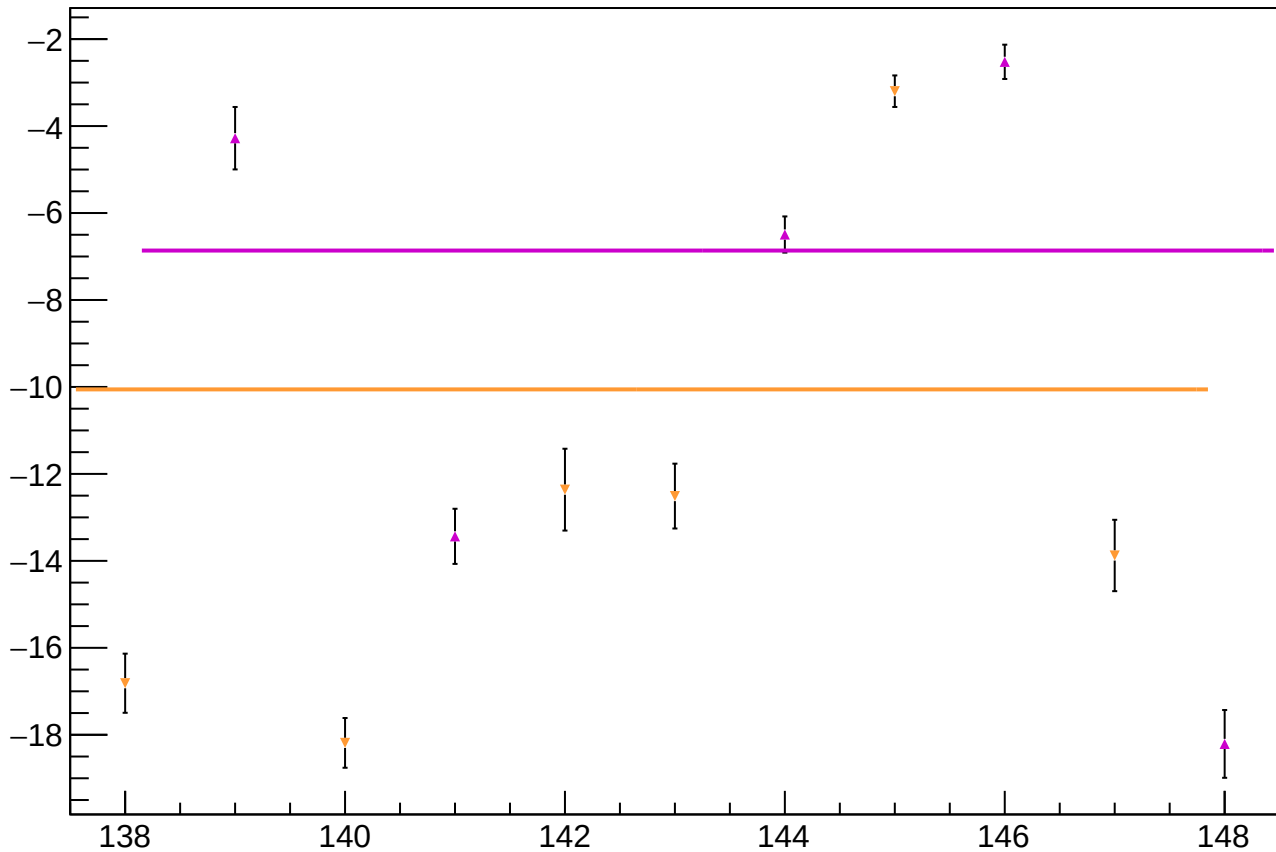
Left In: -0.133 ± 0.005 χ^2/NDF : 207.1/4

+ sign -0.120 ± 0.005 χ^2/NDF : 591.9/22

All: -0.136 ± 0.003 χ^2/NDF : 1406.8/46

- sign -0.150 ± 0.005 χ^2/NDF : 796.8/23

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.056+/-0.241 χ^2/NDF : 696.8/5

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

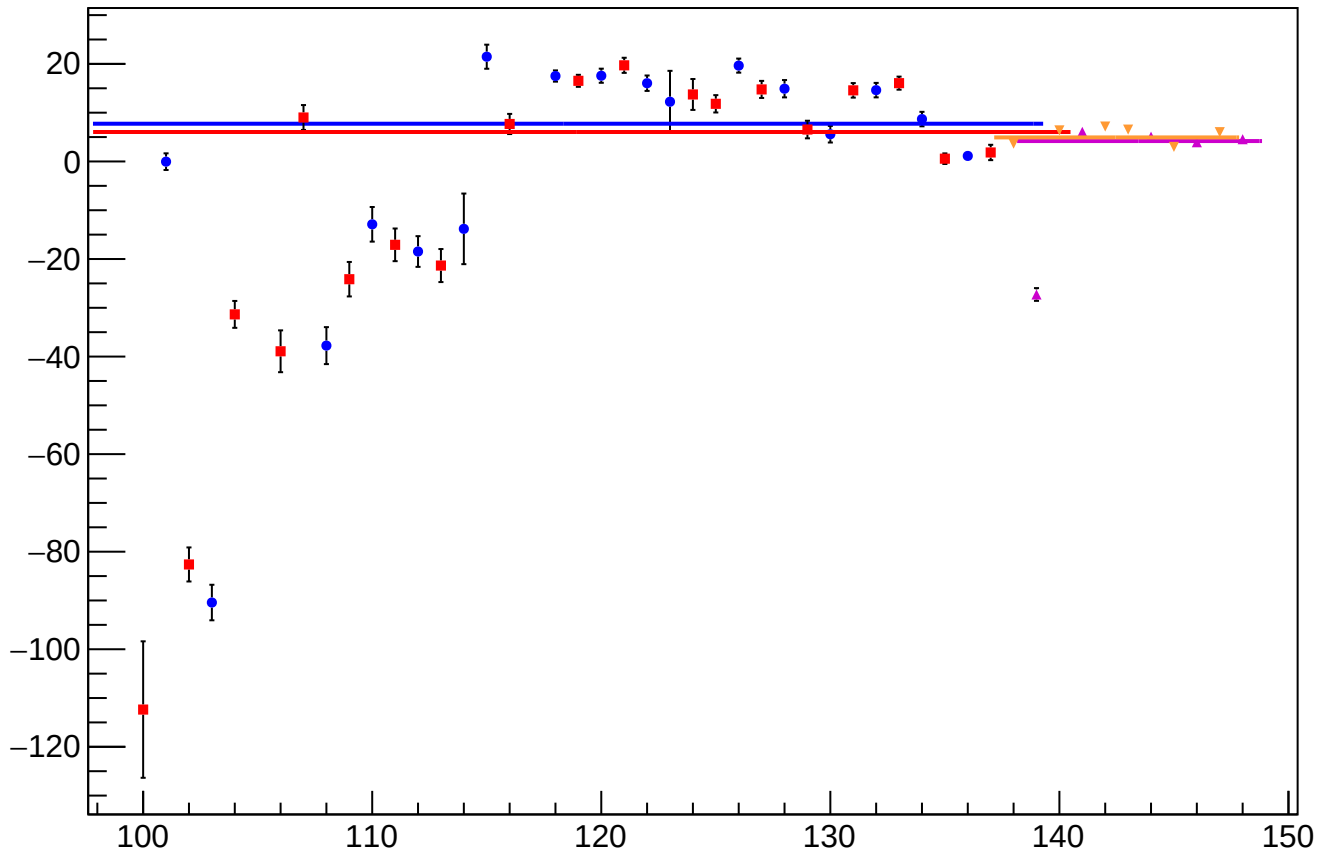
Left In: -6.863+/-0.234 χ^2/NDF : 454.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

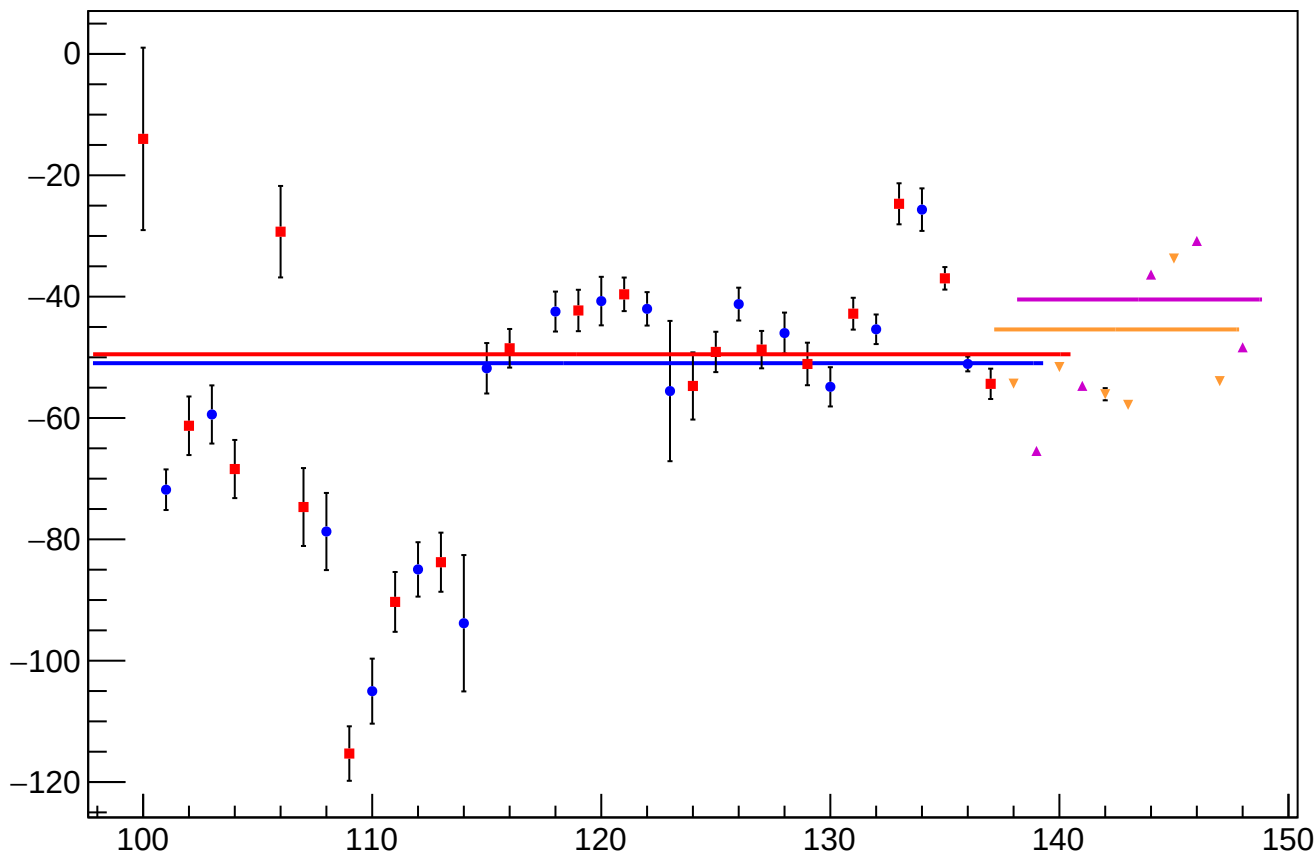
All: -8.413+/-0.168 χ^2/NDF : 1241.5/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



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

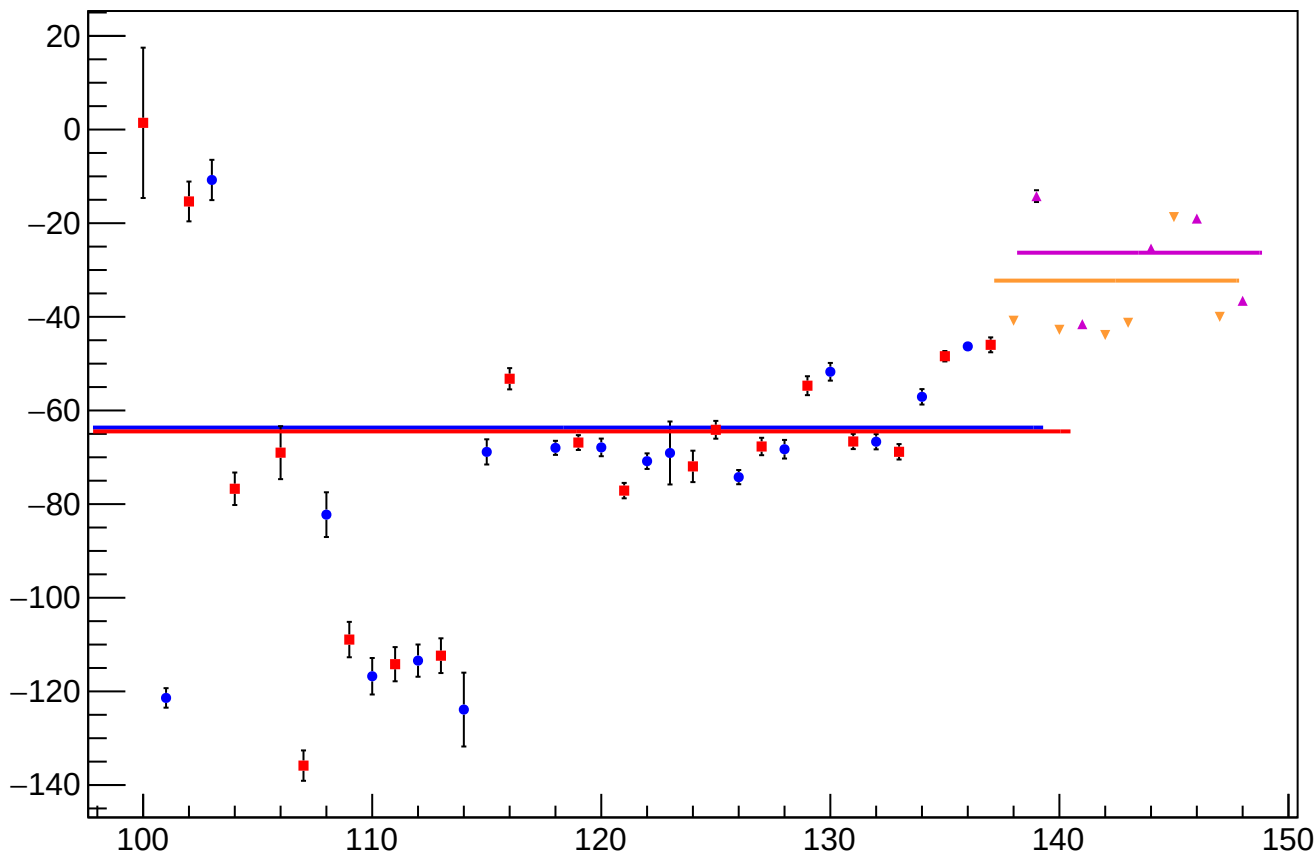
Left In: -40.468 ± 0.238 χ^2/NDF : 2325.8/4

+ sign -45.996 ± 0.240 χ^2/NDF : 2023.3/22

All: -43.472 ± 0.165 χ^2/NDF : 5186.5/46

- sign -41.206 ± 0.228 χ^2/NDF : 2954.0/23

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

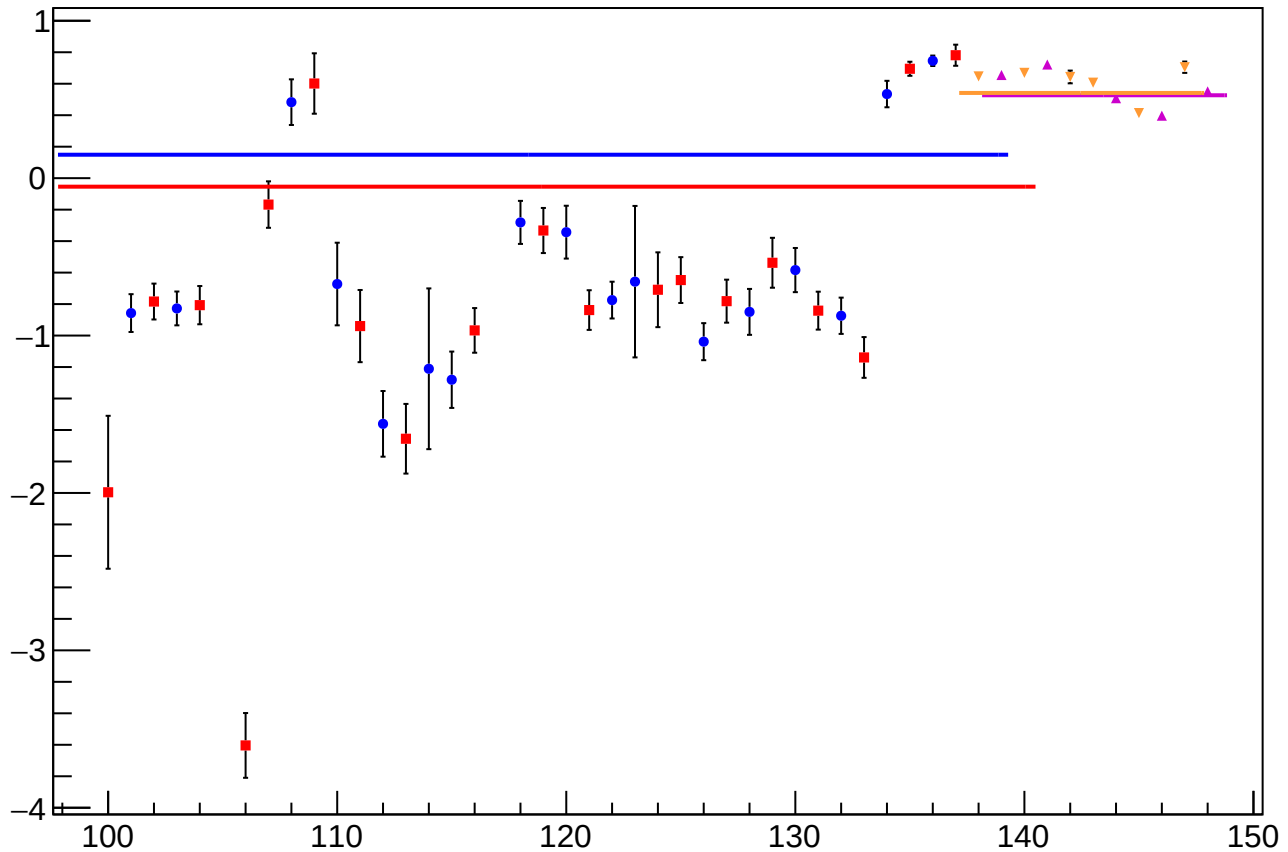
Left In: -26.304 ± 0.197 χ^2/NDF : 1802.4/4

+ sign -38.126 ± 0.192 χ^2/NDF : 8868.4/22

All: -34.773 ± 0.132 χ^2/NDF : 18216.3/46

- sign -31.760 ± 0.182 χ^2/NDF : 8771.5/23

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

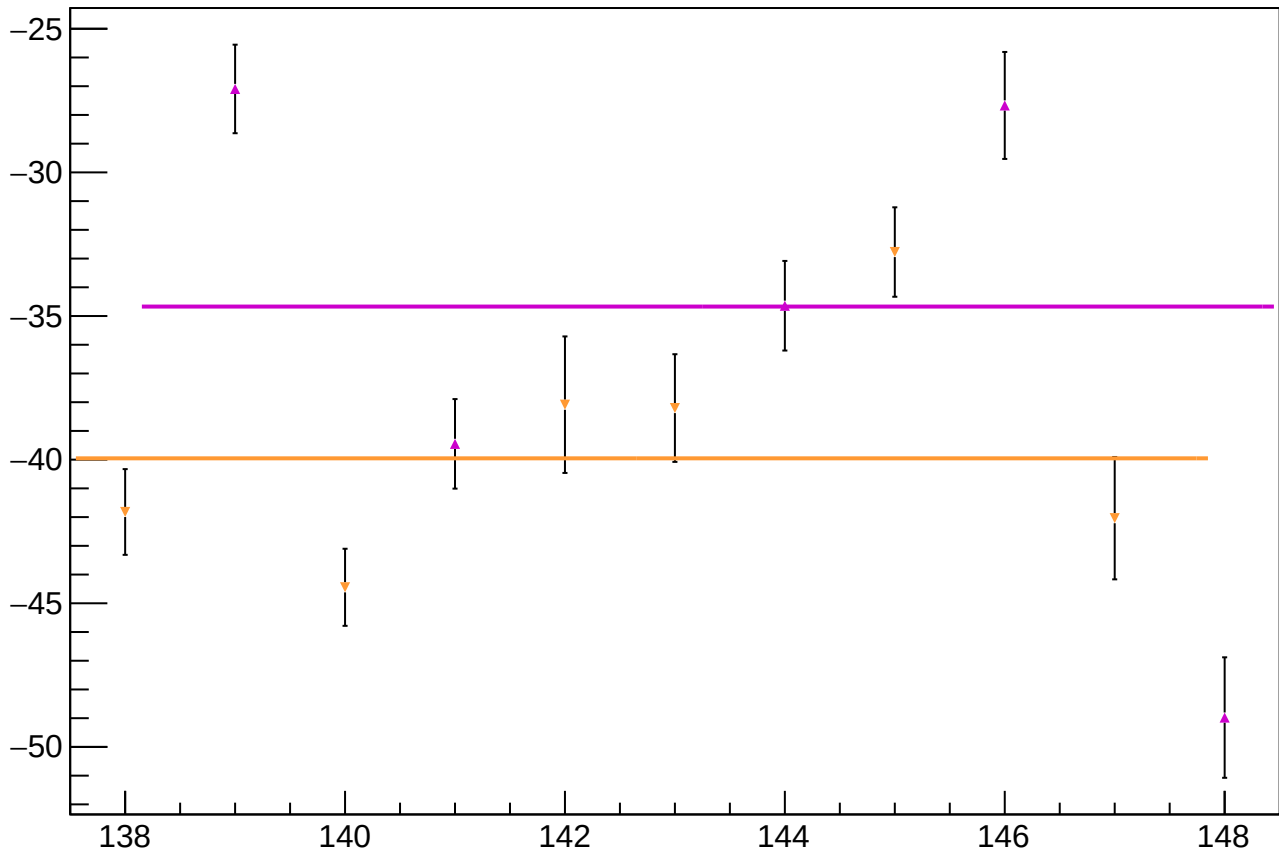
Left In: 0.527 $\pm$ 0.010 χ^2 /NDF:127.5/4

+ sign 0.479 $\pm$ 0.010 χ^2 /NDF: 1353.3/22

All: 0.465 $\pm$ 0.007 χ^2 /NDF: 3079.7/46

- sign 0.450 $\pm$ 0.010 χ^2 /NDF: 1721.6/23

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -39.954 ± 0.690 χ^2/NDF : 36.5/5

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

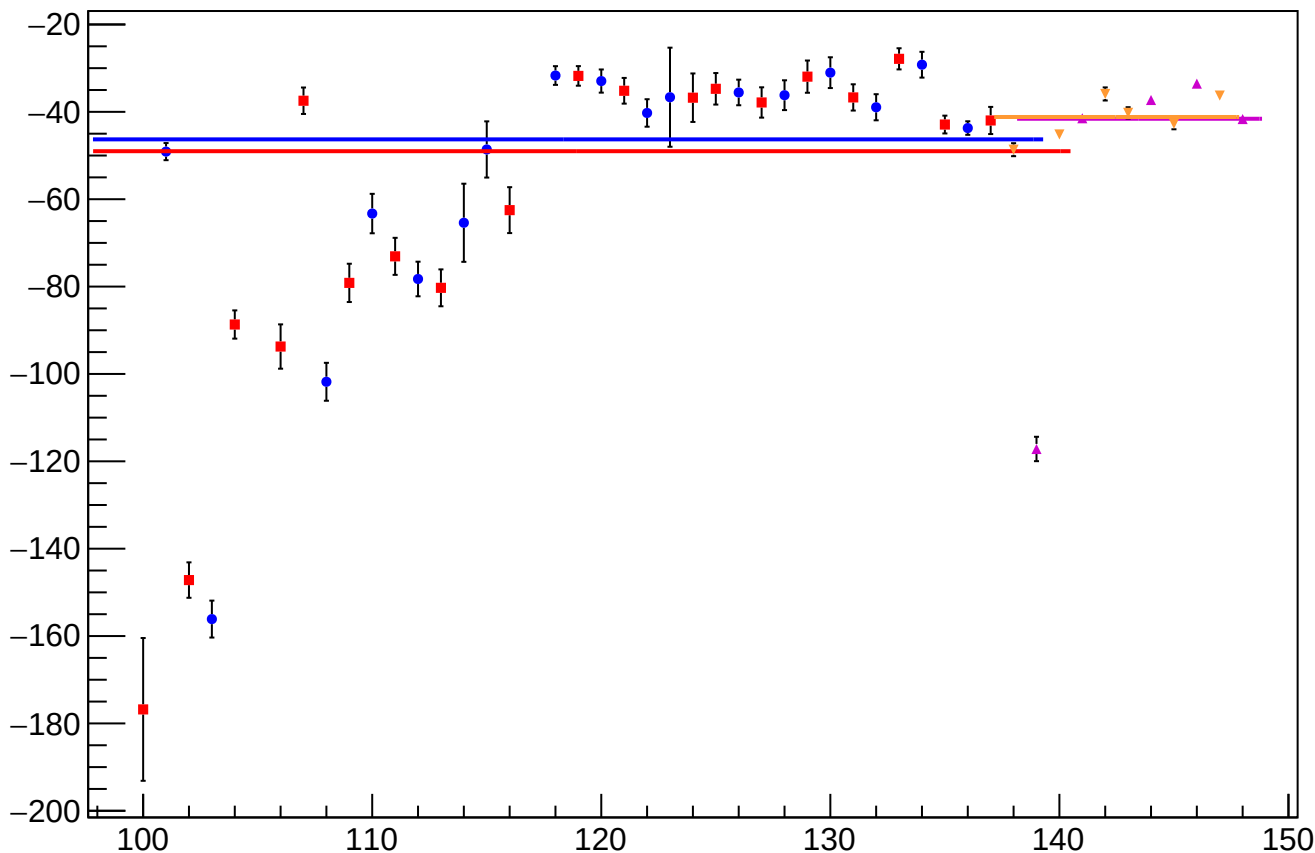
Left In: -34.671 ± 0.754 χ^2/NDF : 94.2/4

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.545 ± 0.509 χ^2/NDF : 157.5/10

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -46.300 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -41.178 ± 0.505 $\chi^2/\text{NDF}: 76.4/5$

Right Out: -49.008 ± 0.764 $\chi^2/\text{NDF}: 1271.7/18$

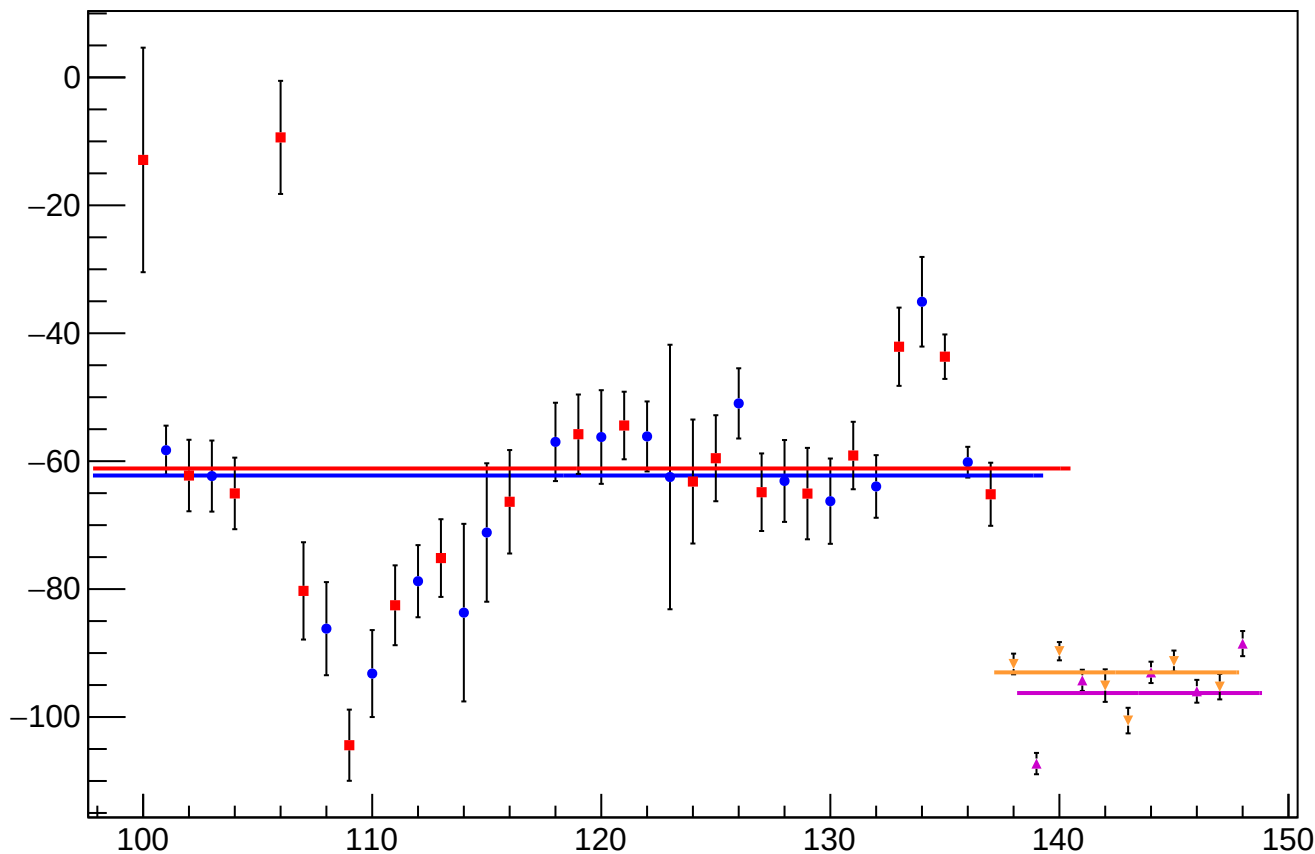
Left In: -41.582 ± 0.537 $\chi^2/\text{NDF}: 797.8/4$

+ sign -42.857 ± 0.414 $\chi^2/\text{NDF}: 1194.2/22$

All: -43.413 ± 0.301 $\chi^2/\text{NDF}: 3330.8/46$

- sign -44.040 ± 0.439 $\chi^2/\text{NDF}: 2132.7/23$

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 $\chi^2/\text{NDF}: 165.6/18$

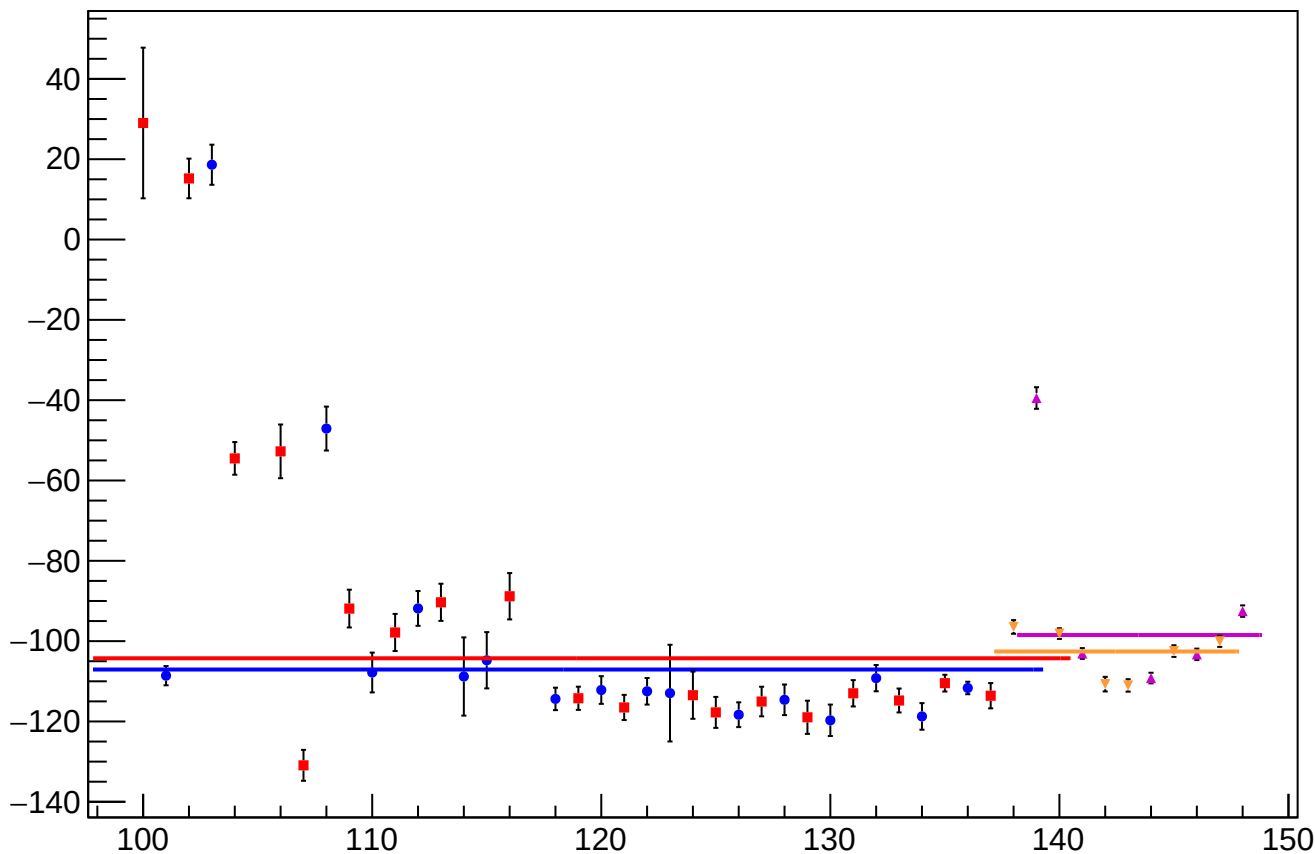
Left In: -96.249 ± 0.777 $\chi^2/\text{NDF}: 64.4/4$

+ sign -85.783 ± 0.635 $\chi^2/\text{NDF}: 512.8/22$

All: -86.723 ± 0.463 $\chi^2/\text{NDF}: 1239.1/46$

- sign -87.790 ± 0.677 $\chi^2/\text{NDF}: 721.6/23$

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

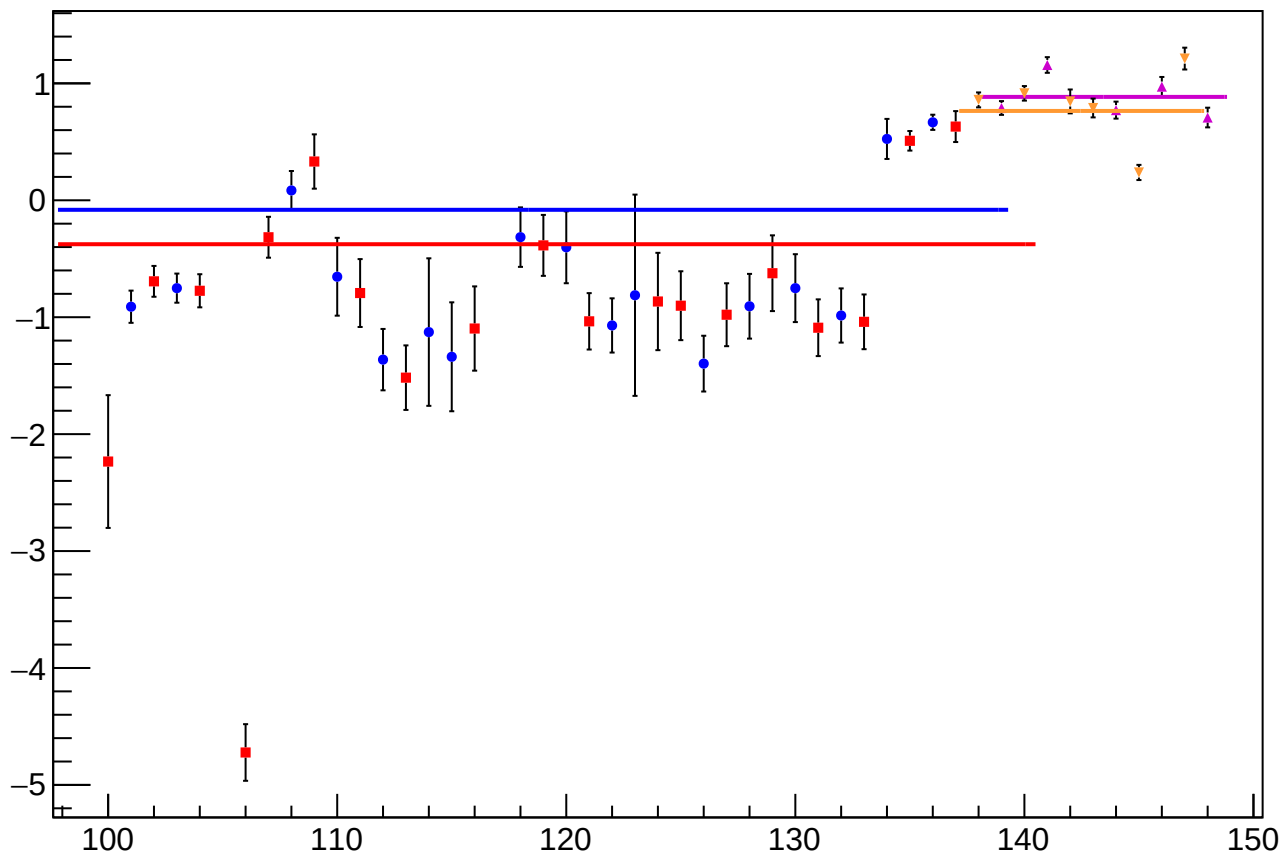
Left In: -98.472 ± 0.667 χ^2/NDF : 588.0/4

+ sign -104.224 ± 0.492 χ^2/NDF : 925.0/22

All: -102.560 ± 0.360 χ^2/NDF : 2584.6/46

- sign -100.646 ± 0.527 χ^2/NDF : 1635.0/23

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

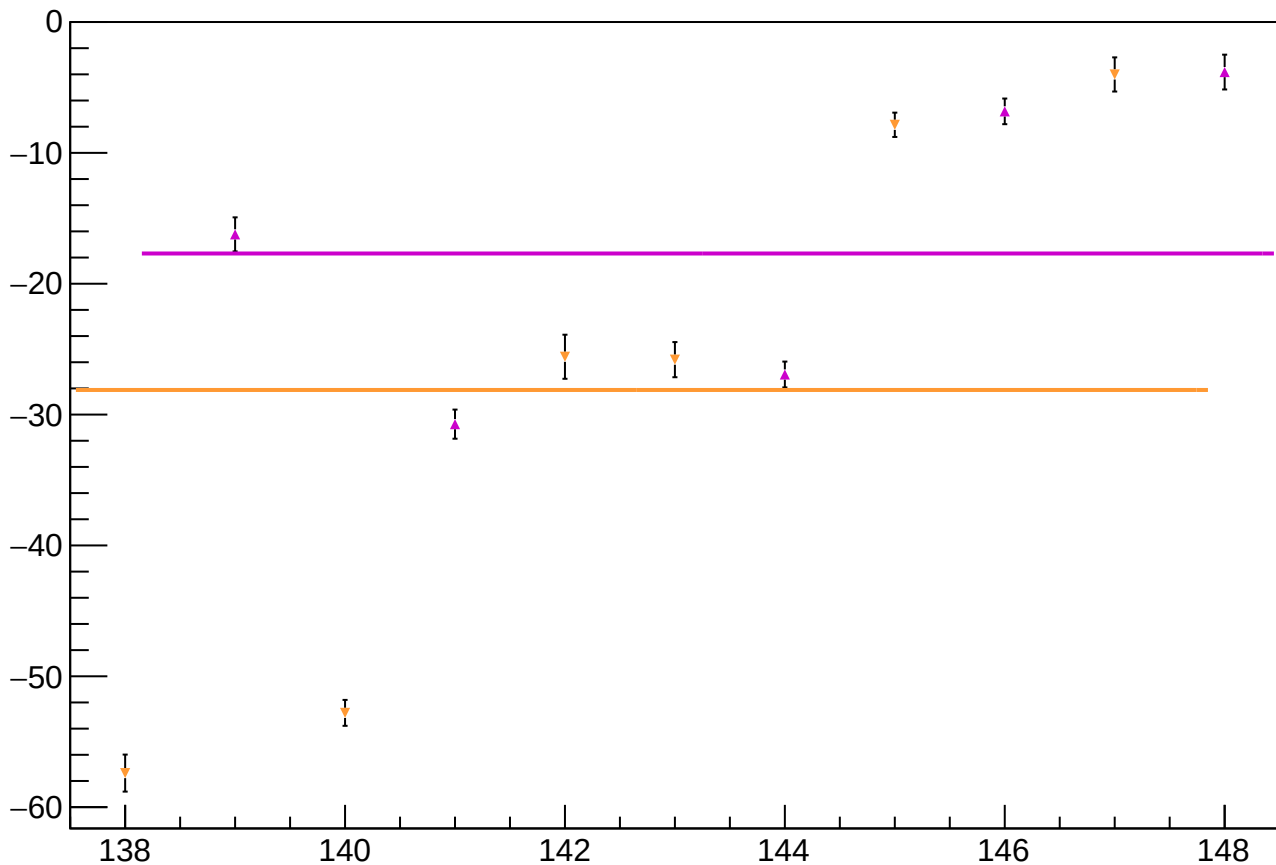
Left In: 0.884 ± 0.032 χ^2/NDF : 27.1/4

+ sign 0.479 ± 0.024 χ^2/NDF : 693.1/22

All: 0.465 ± 0.018 χ^2/NDF : 1844.2/46

- sign 0.450 ± 0.026 χ^2/NDF : 1150.4/23

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

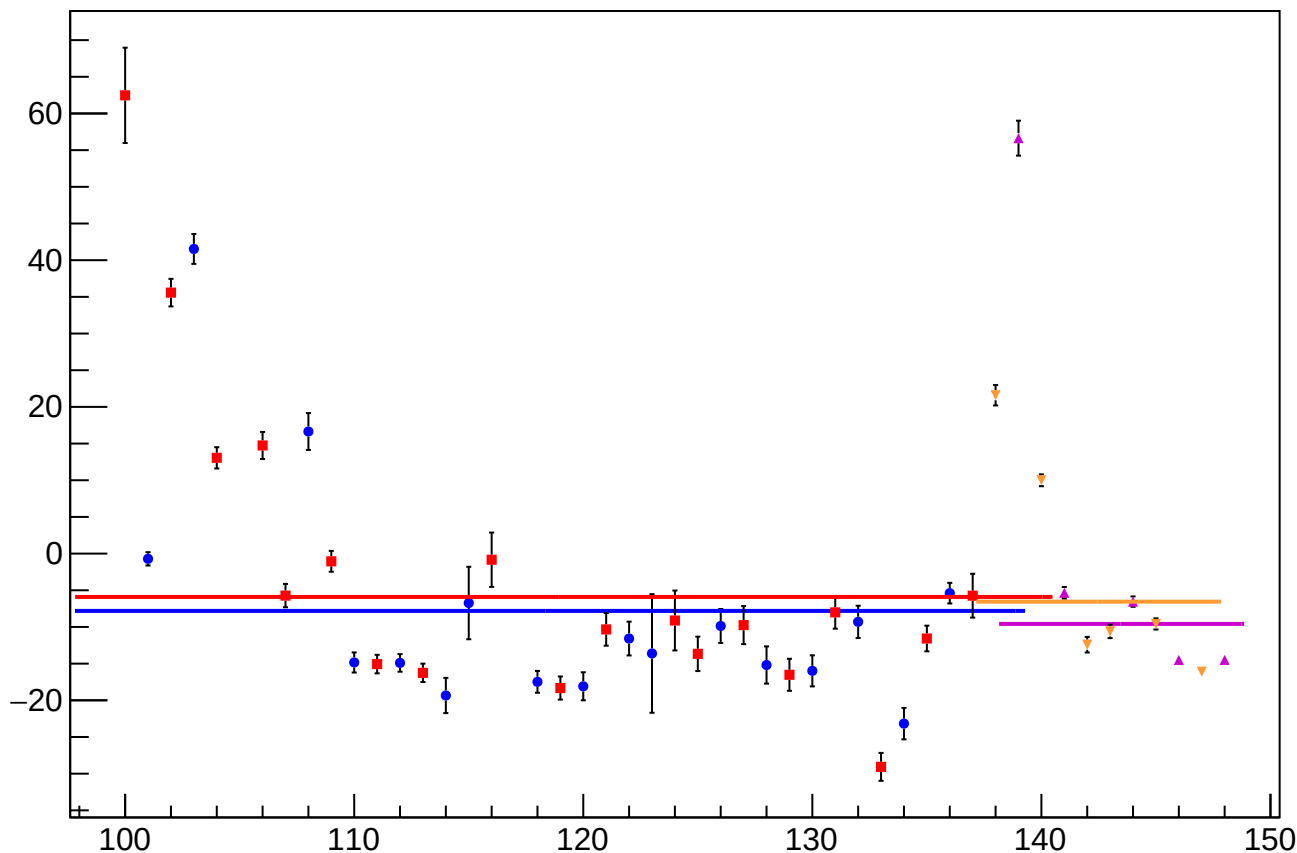
Left In: -17.690+/-0.498 χ^2/NDF : 458.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.993+/-0.349 χ^2/NDF : 2552.3/10

- 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

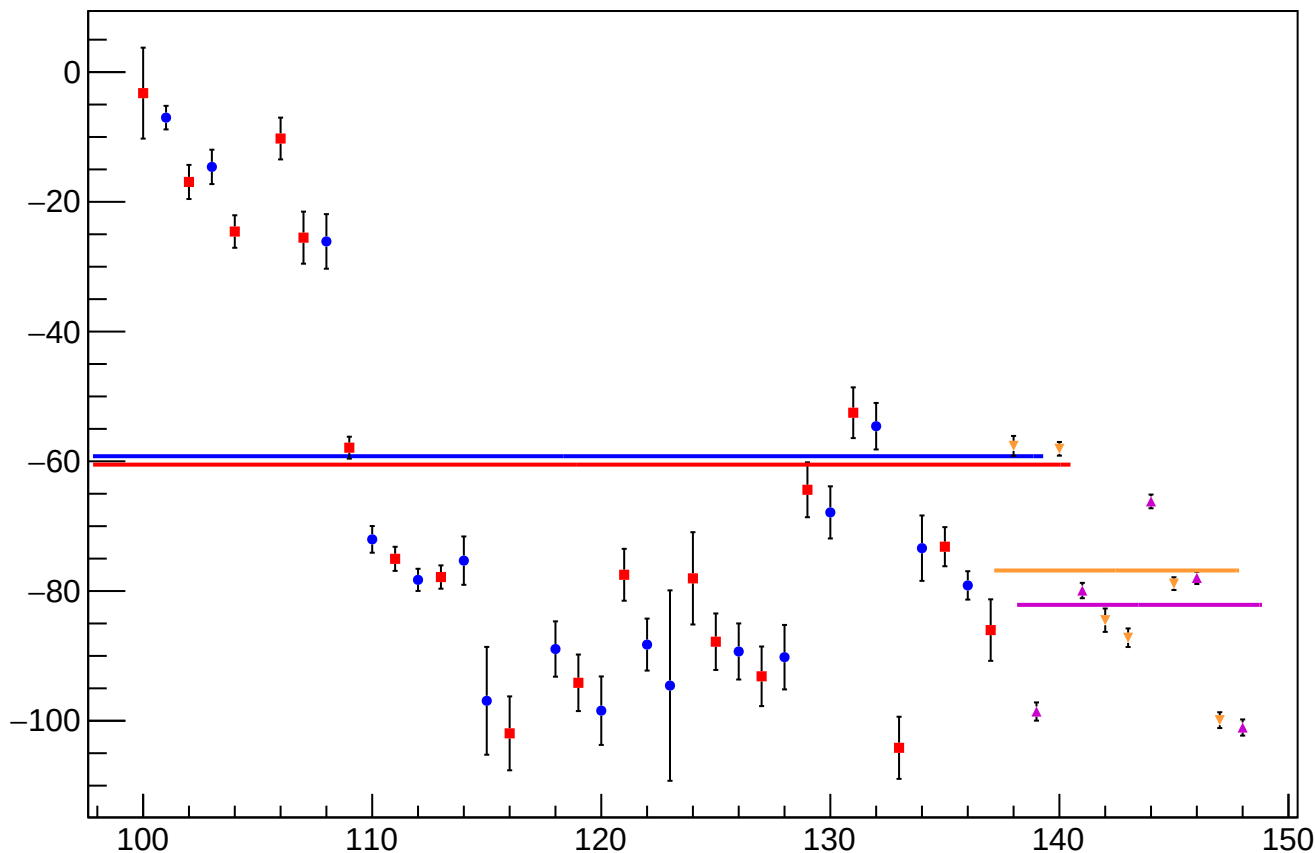
Left In: -9.586 ± 0.337 χ^2/NDF : 941.6/4

+ sign -7.048 ± 0.268 χ^2/NDF : 2115.8/22

All: -7.622 ± 0.189 χ^2/NDF : 4404.9/46

- sign -8.182 ± 0.265 χ^2/NDF : 2280.1/23

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

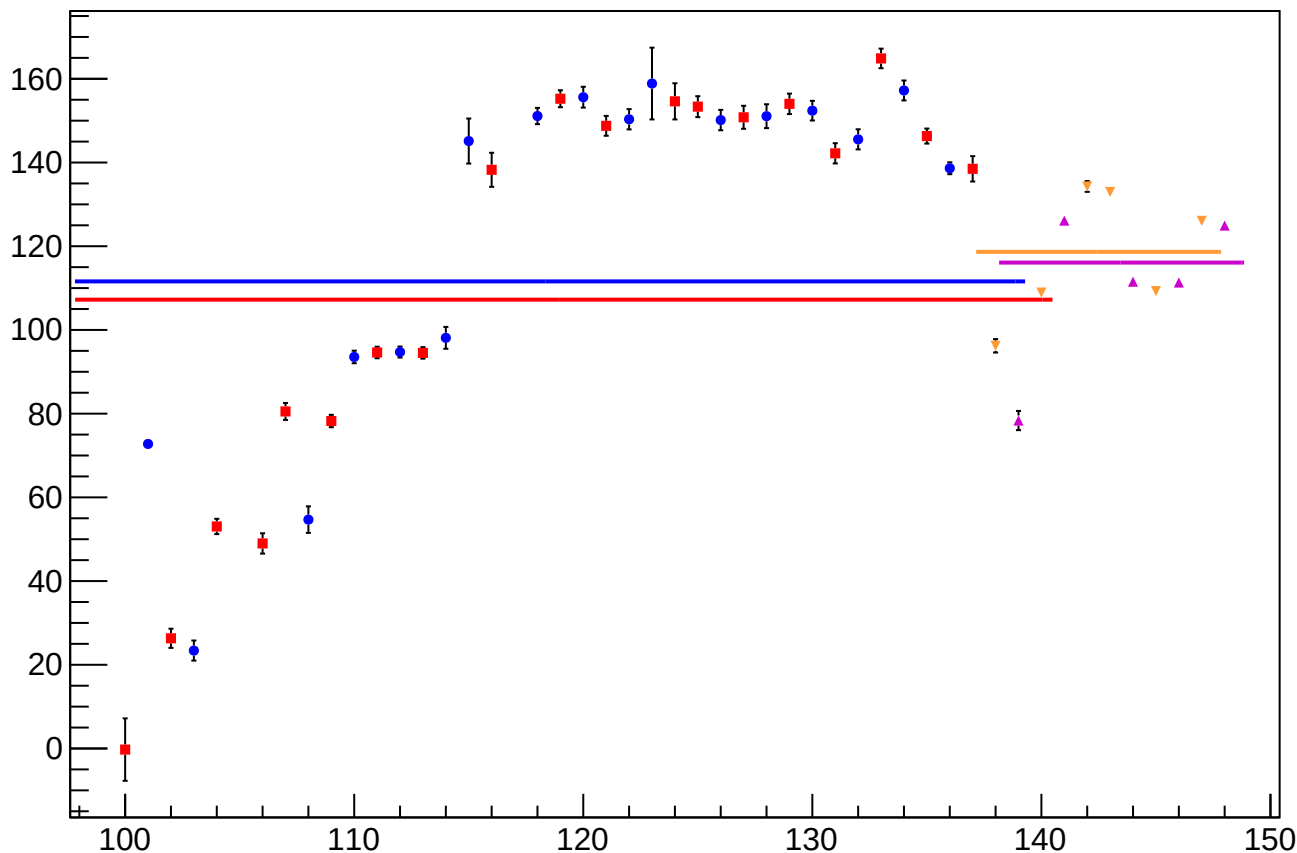
Left In: -82.128 ± 0.507 χ^2/NDF : 617.5/4

+ sign -71.177 ± 0.421 χ^2/NDF : 3007.6/22

All: -73.003 ± 0.294 χ^2/NDF : 5666.2/46

- sign -74.746 ± 0.412 χ^2/NDF : 2621.8/23

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

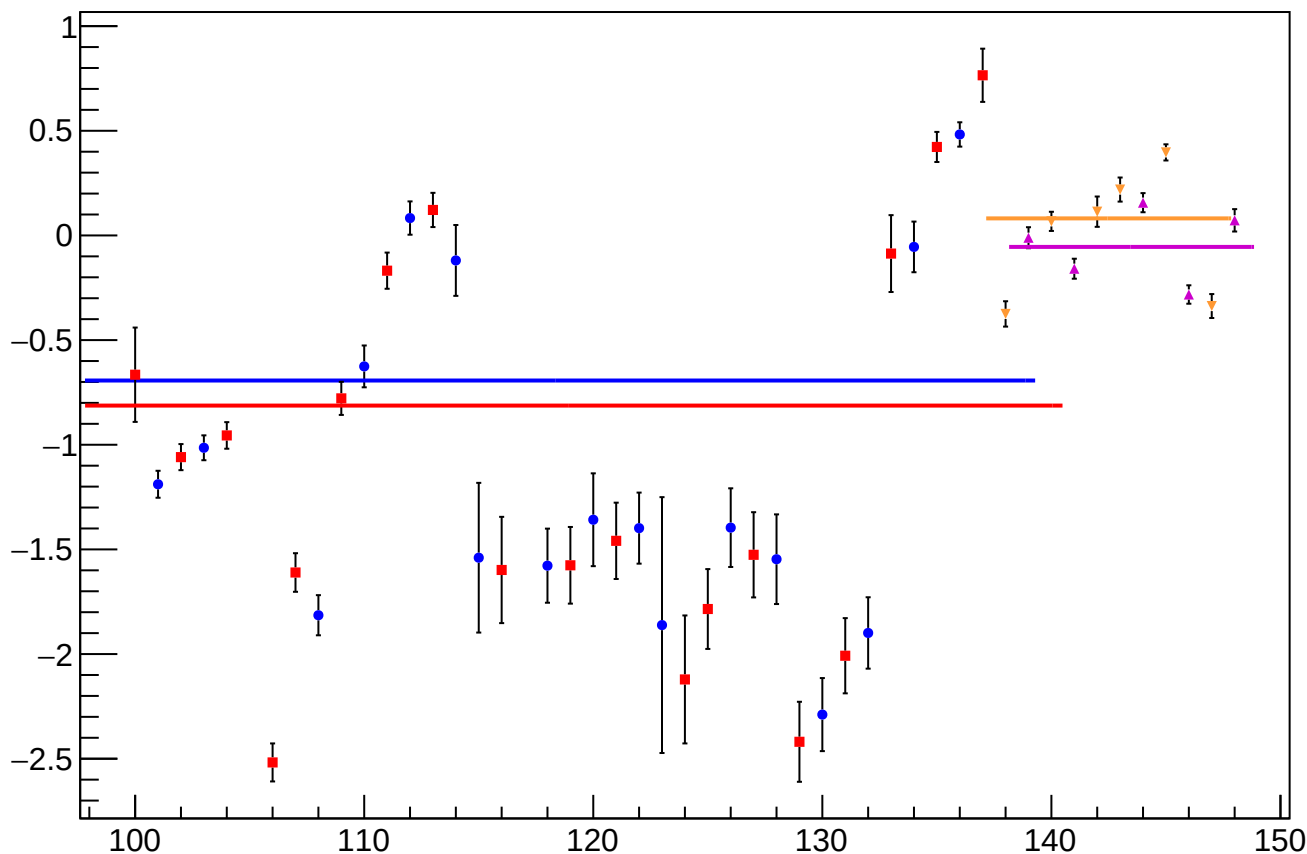
Left In: 116.095 $\pm$ 0.421 χ^2 /NDF: 544.6/4

+ sign 115.599 $\pm$ 0.320 χ^2 /NDF: 6877.1/22

All: 113.947 $\pm$ 0.226 χ^2 /NDF: 14701.0/46

- sign 112.310 $\pm$ 0.319 χ^2 /NDF: 7770.9/23

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

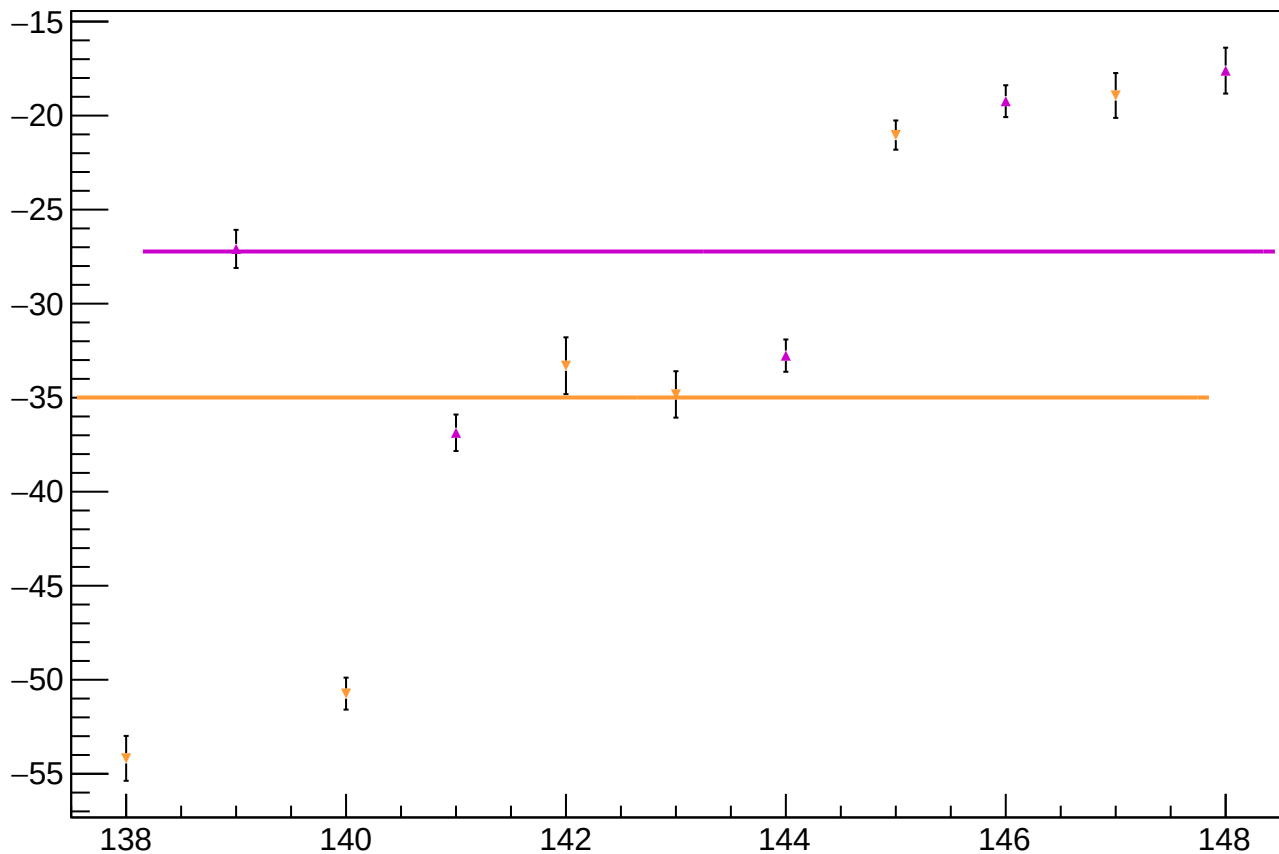
Left In: -0.055 ± 0.021 χ^2/NDF : 59.3/4

+ sign -0.232 ± 0.016 χ^2/NDF : 1714.3/22

All: -0.310 ± 0.011 χ^2/NDF : 3676.1/46

- sign -0.386 ± 0.016 χ^2/NDF : 1916.8/23

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

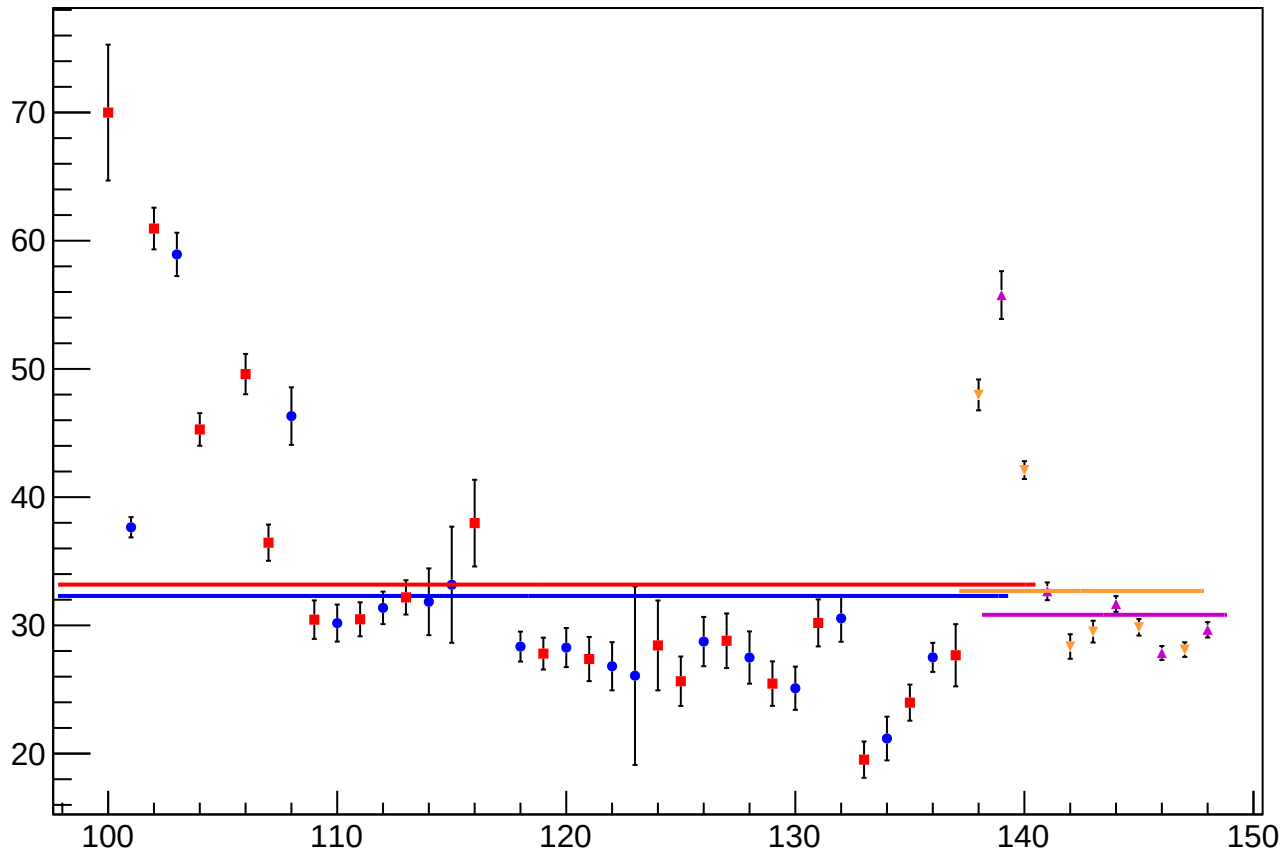
Left In: -27.228+/-0.428 χ^2/NDF : 291.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.140+/-0.302 χ^2/NDF : 1564.0/10

- 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 χ^2/NDF : 452.2/16

Left Out: 32.685+/-0.306 χ^2/NDF : 461.6/5

Right Out: 33.180+/-0.379 χ^2/NDF : 770.3/18

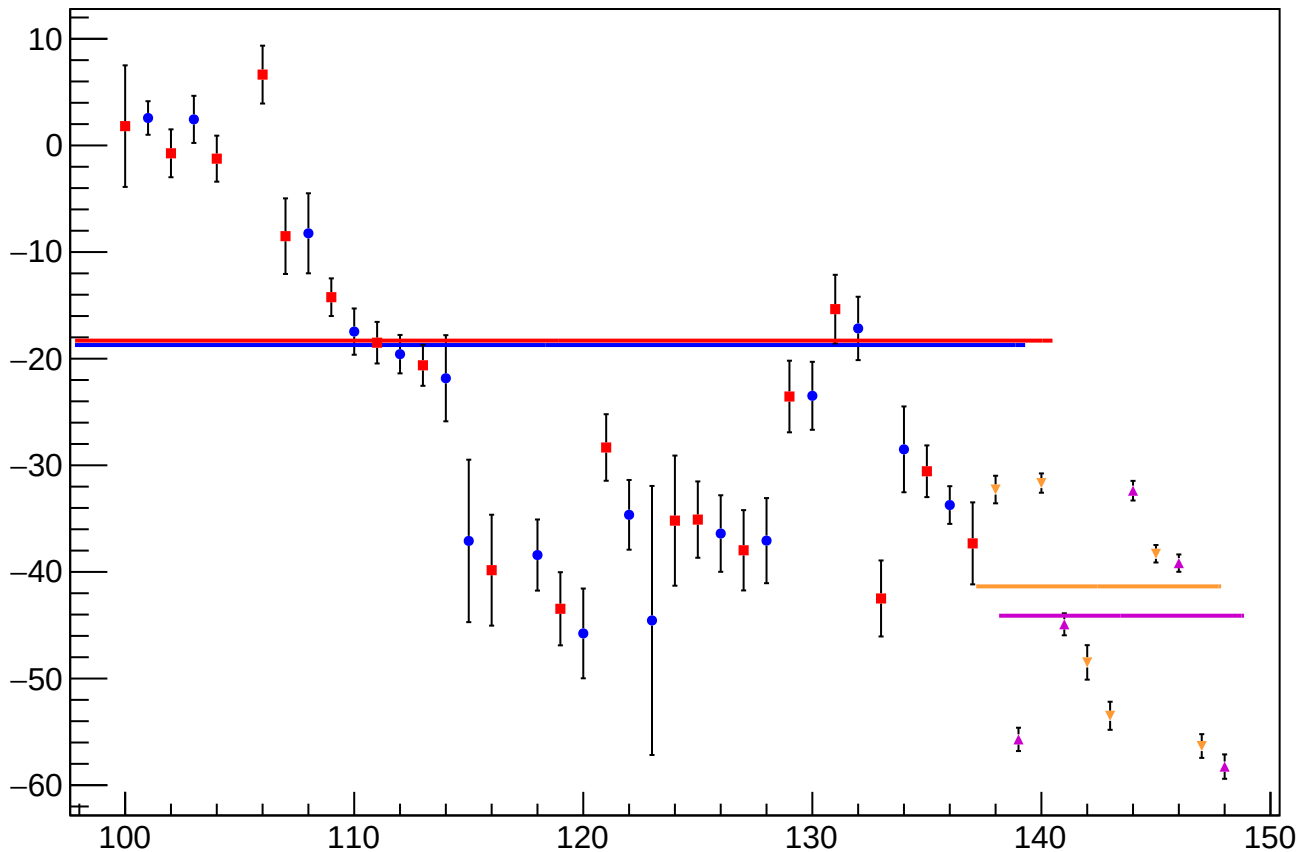
Left In: 30.823+/-0.300 χ^2/NDF : 221.2/4

+ sign 32.528+/-0.236 χ^2/NDF : 914.4/22

All: 32.127+/-0.167 χ^2/NDF : 1935.4/46

- sign 31.731+/-0.235 χ^2/NDF : 1015.2/23

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

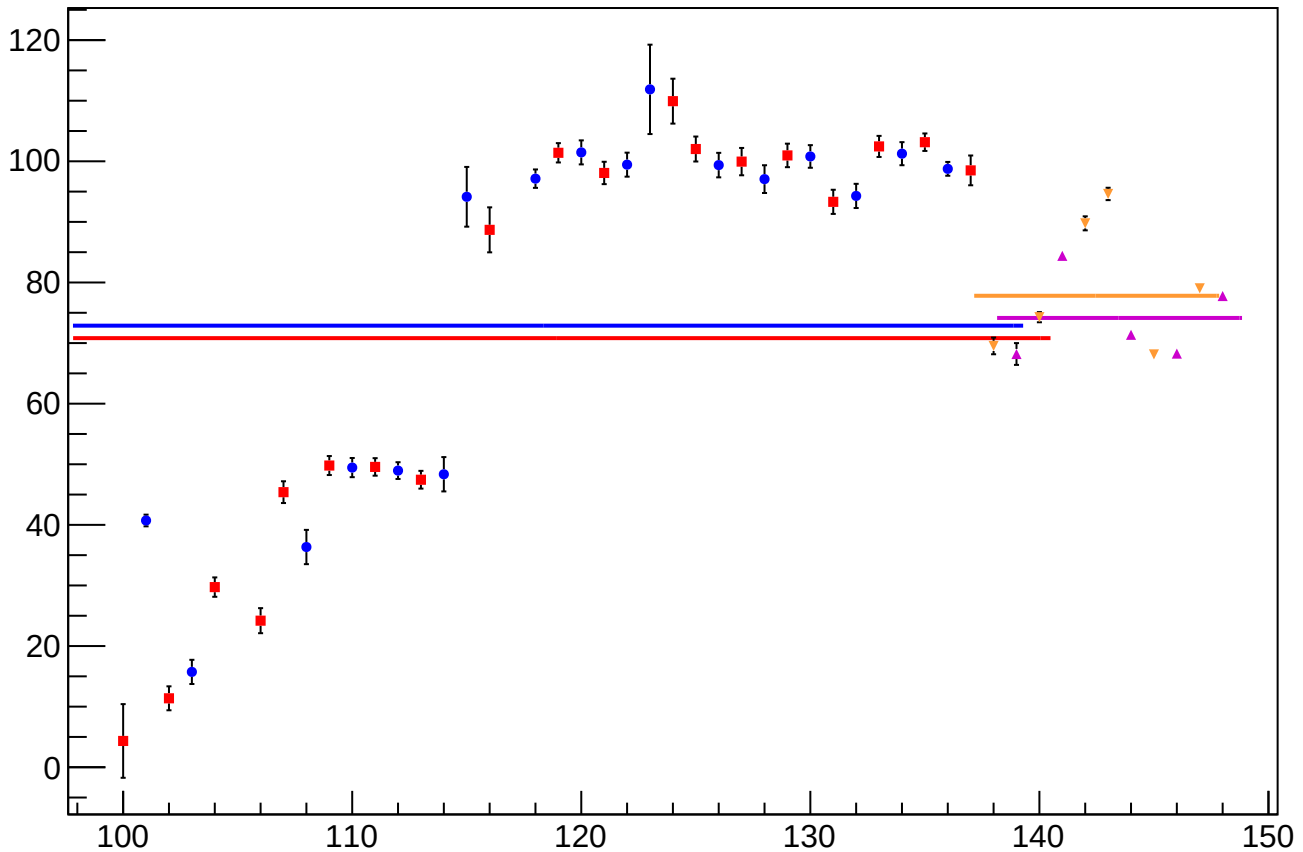
Left In: -44.106 ± 0.437 χ^2/NDF : 464.9/4

+ sign -34.380 ± 0.369 χ^2/NDF : 1783.1/22

All: -35.182 ± 0.258 χ^2/NDF : 3829.1/46

- sign -35.951 ± 0.362 χ^2/NDF : 2036.8/23

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.875 $\pm$ 0.426 χ^2/NDF : 4737.9/16

Left Out: 77.809 $\pm$ 0.375 χ^2/NDF : 605.3/5

Right Out: 70.815 $\pm$ 0.433 χ^2/NDF : 5489.3/18

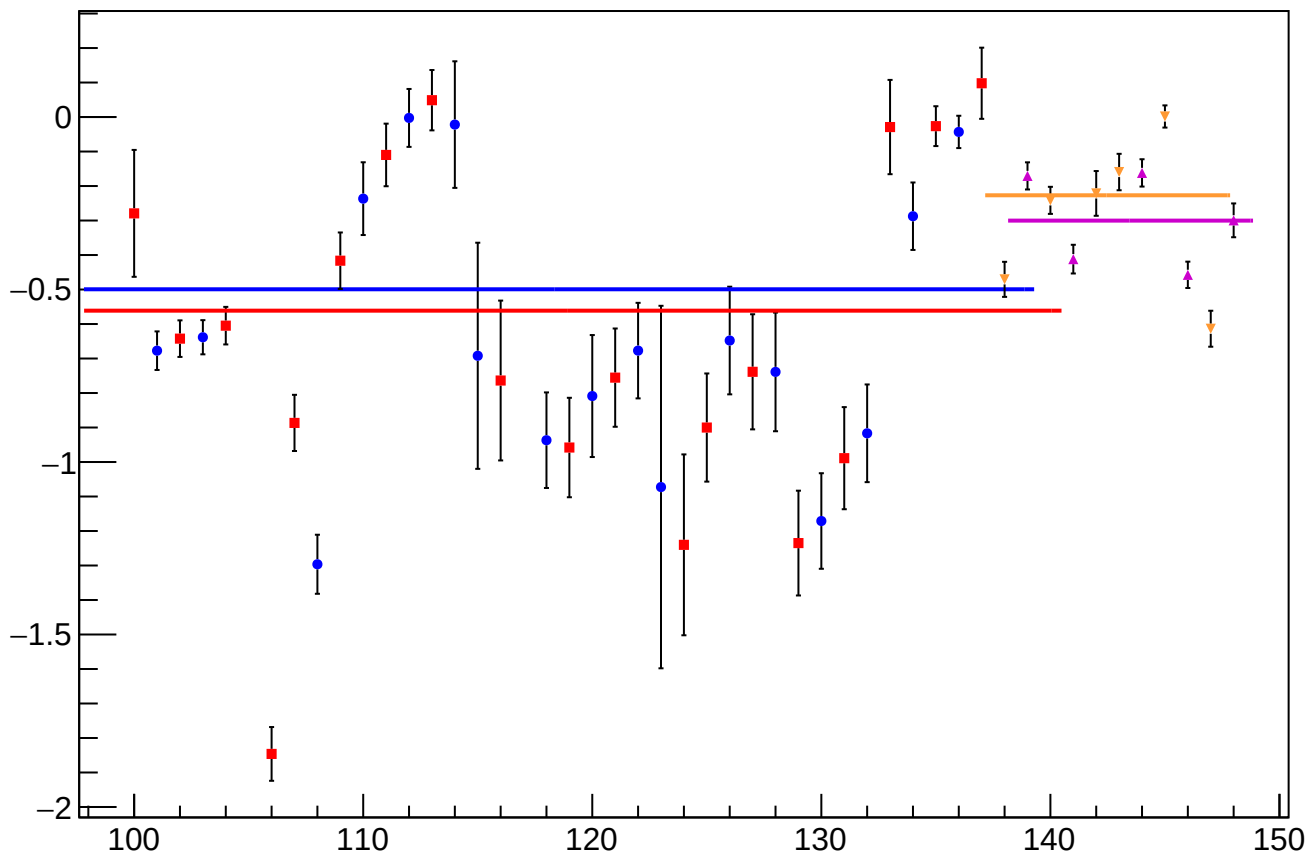
Left In: 74.148 $\pm$ 0.371 χ^2/NDF : 271.7/4

+ sign 75.653 $\pm$ 0.281 χ^2/NDF : 5418.8/22

All: 74.198 $\pm$ 0.199 χ^2/NDF : 11267.5/46

- sign 72.738 $\pm$ 0.282 χ^2/NDF : 5795.1/23

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

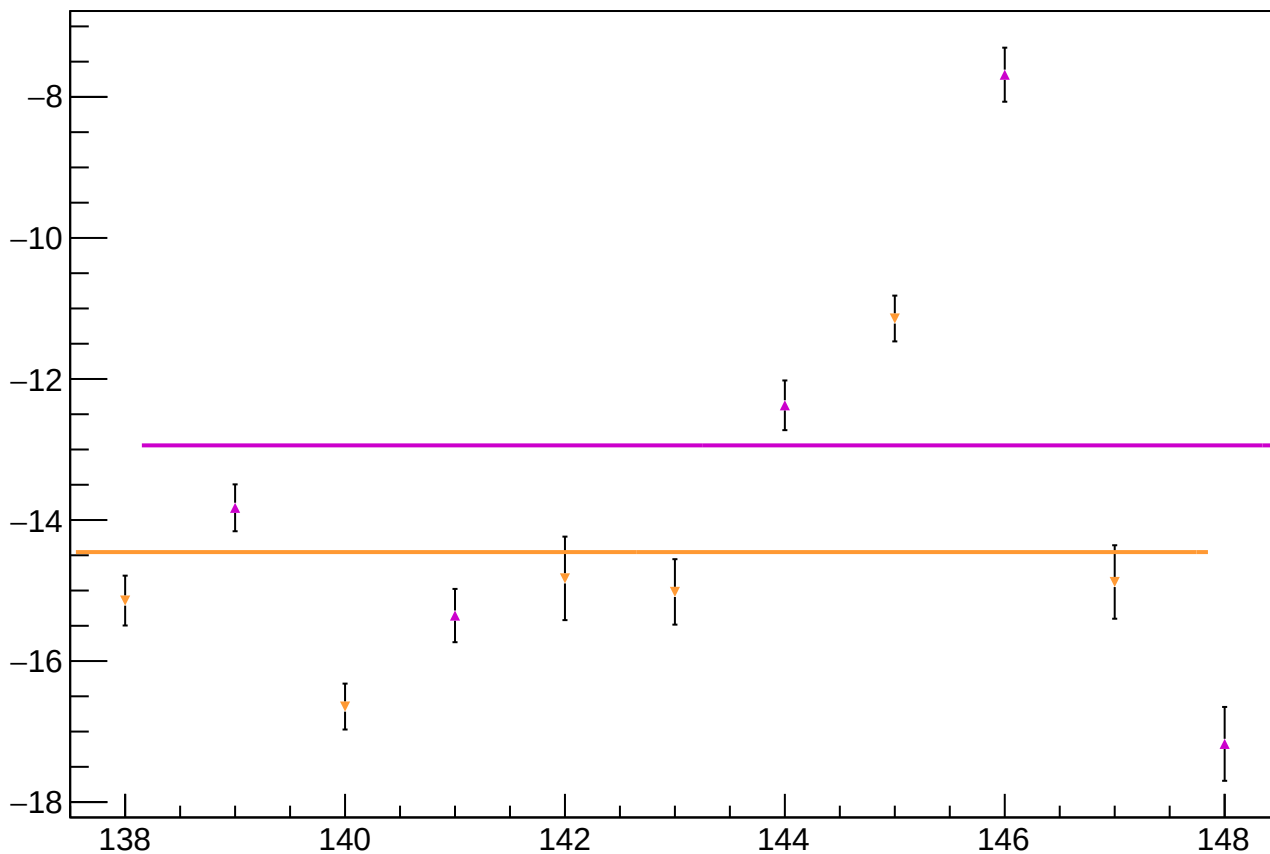
Left In: -0.300 ± 0.018 χ^2/NDF : 47.2/4

+ sign -0.337 ± 0.014 χ^2/NDF : 522.7/22

All: -0.375 ± 0.010 χ^2/NDF : 1231.8/46

- sign -0.411 ± 0.014 χ^2/NDF : 695.2/23

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -14.455+/-0.162 χ^2/NDF :155.7/5

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

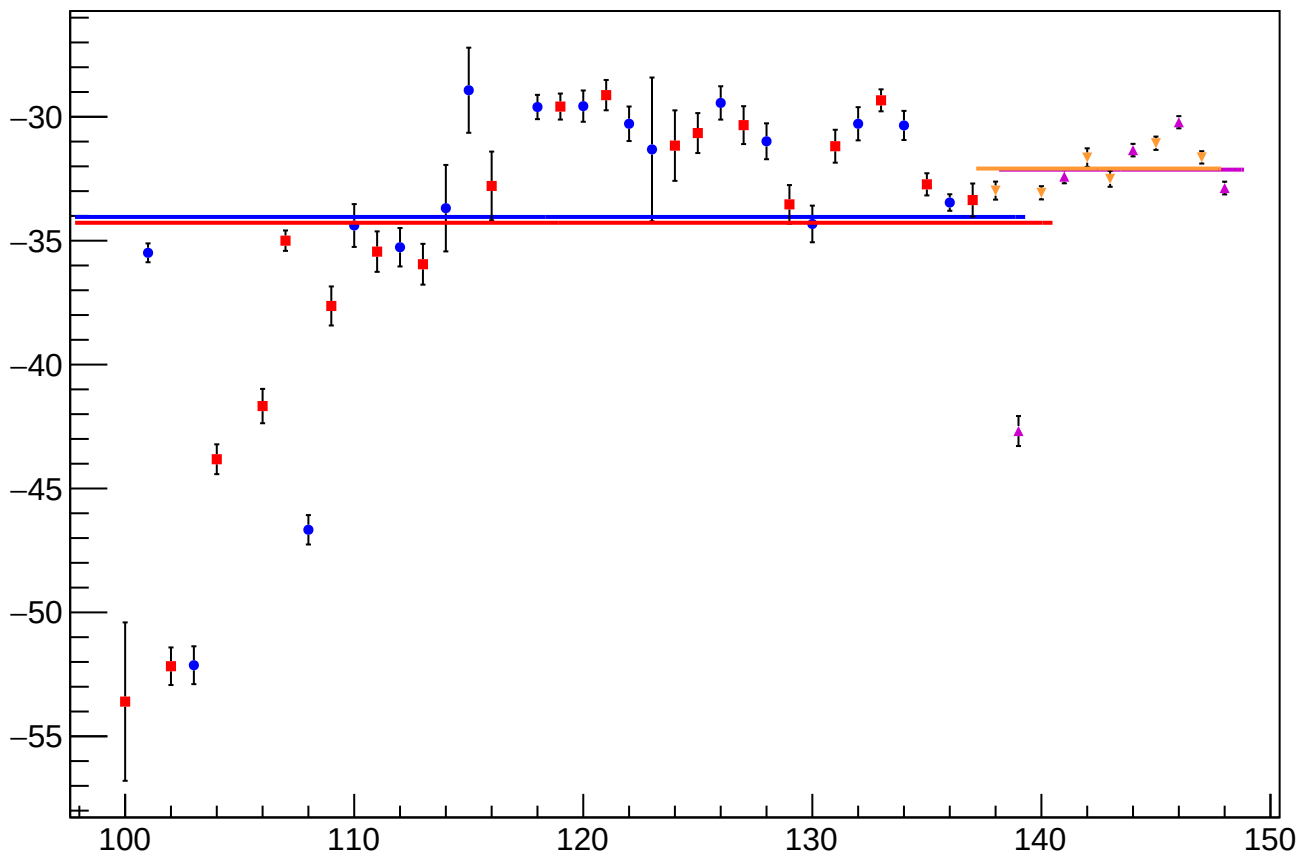
Left In: -12.942+/-0.170 χ^2/NDF :303.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.735+/-0.117 χ^2/NDF : 501.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.042 ± 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

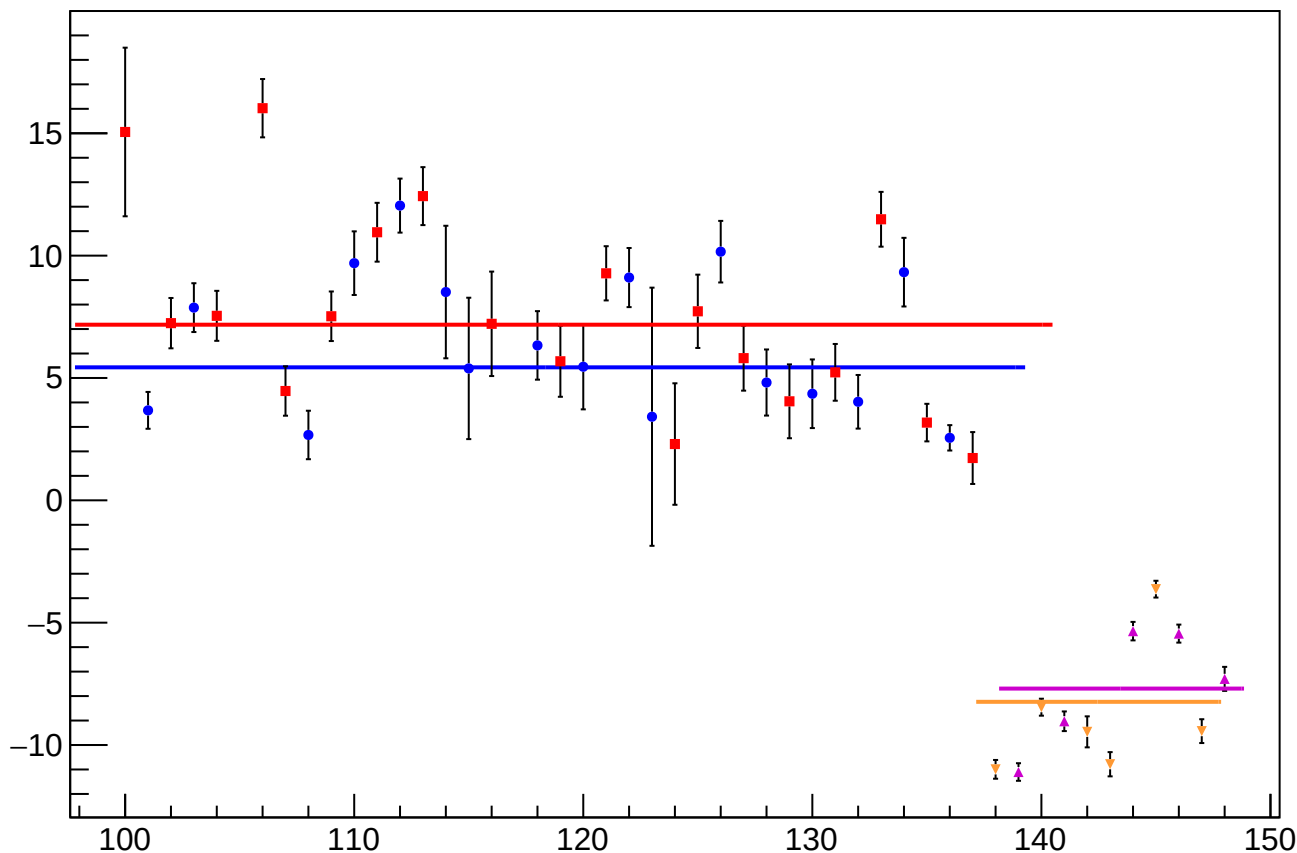
Left In: -32.133 ± 0.126 χ^2/NDF : 382.8/4

+ sign -32.855 ± 0.094 χ^2/NDF : 1482.9/22

All: -32.931 ± 0.067 χ^2/NDF : 3335.9/46

- sign -33.010 ± 0.096 χ^2/NDF : 1851.6/23

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

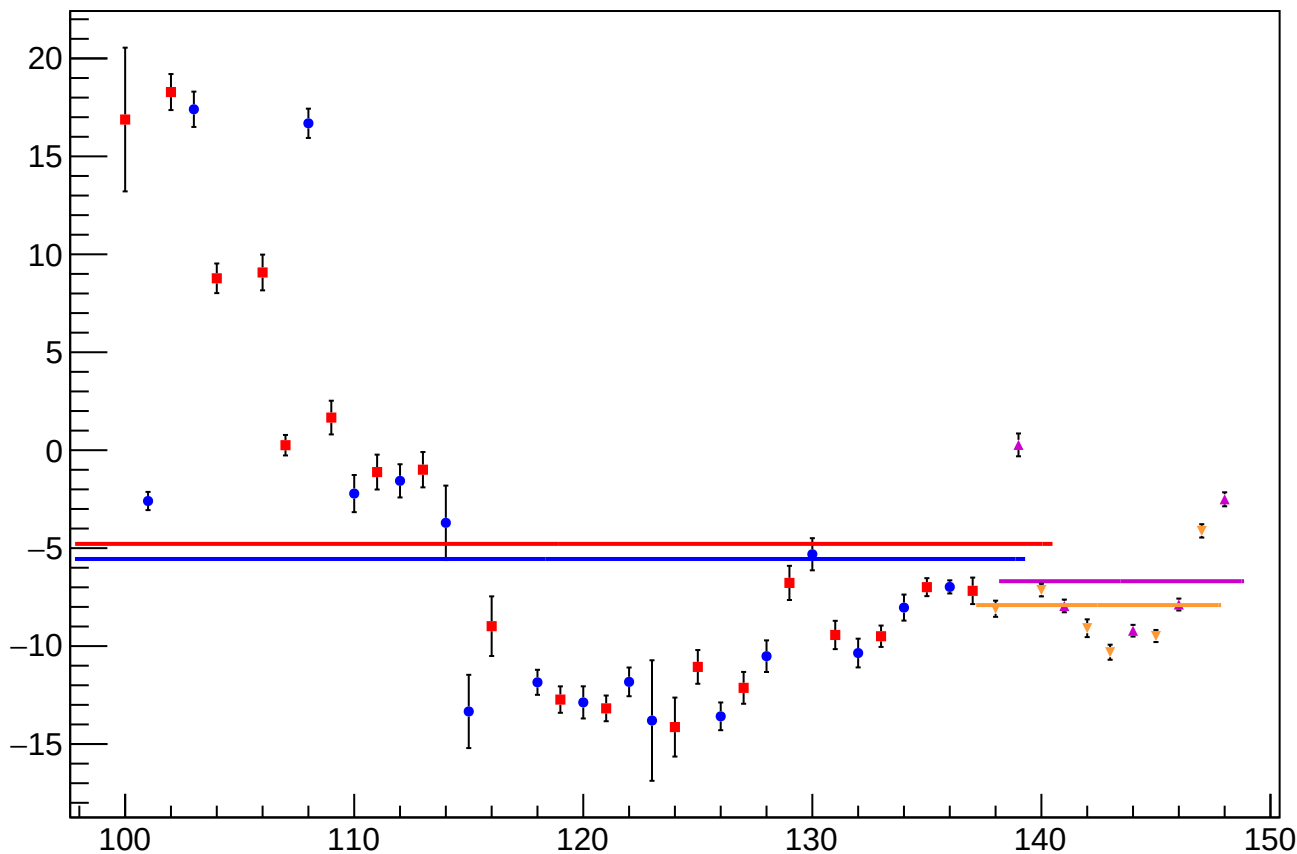
Left In: -7.694 ± 0.175 χ^2/NDF : 177.6/4

+ sign -4.330 ± 0.144 χ^2/NDF : 2237.6/22

All: -3.864 ± 0.103 χ^2/NDF : 4706.5/46

- sign -3.373 ± 0.148 χ^2/NDF : 2447.5/23

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

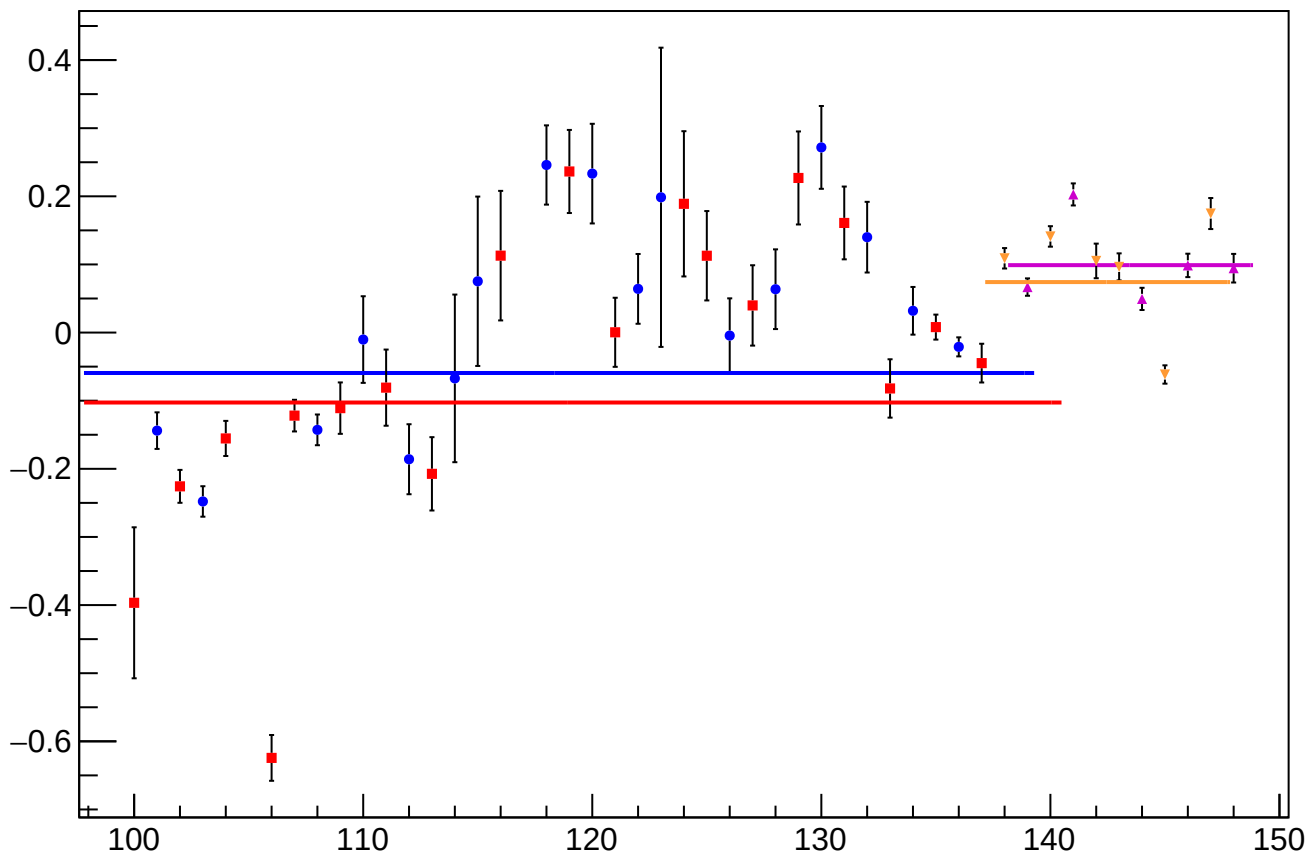
Left In: -6.688 ± 0.154 χ^2/NDF : 380.5/4

+ sign -6.897 ± 0.111 χ^2/NDF : 2435.5/22

All: -6.388 ± 0.080 χ^2/NDF : 4967.6/46

- sign -5.845 ± 0.115 χ^2/NDF : 2488.7/23

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

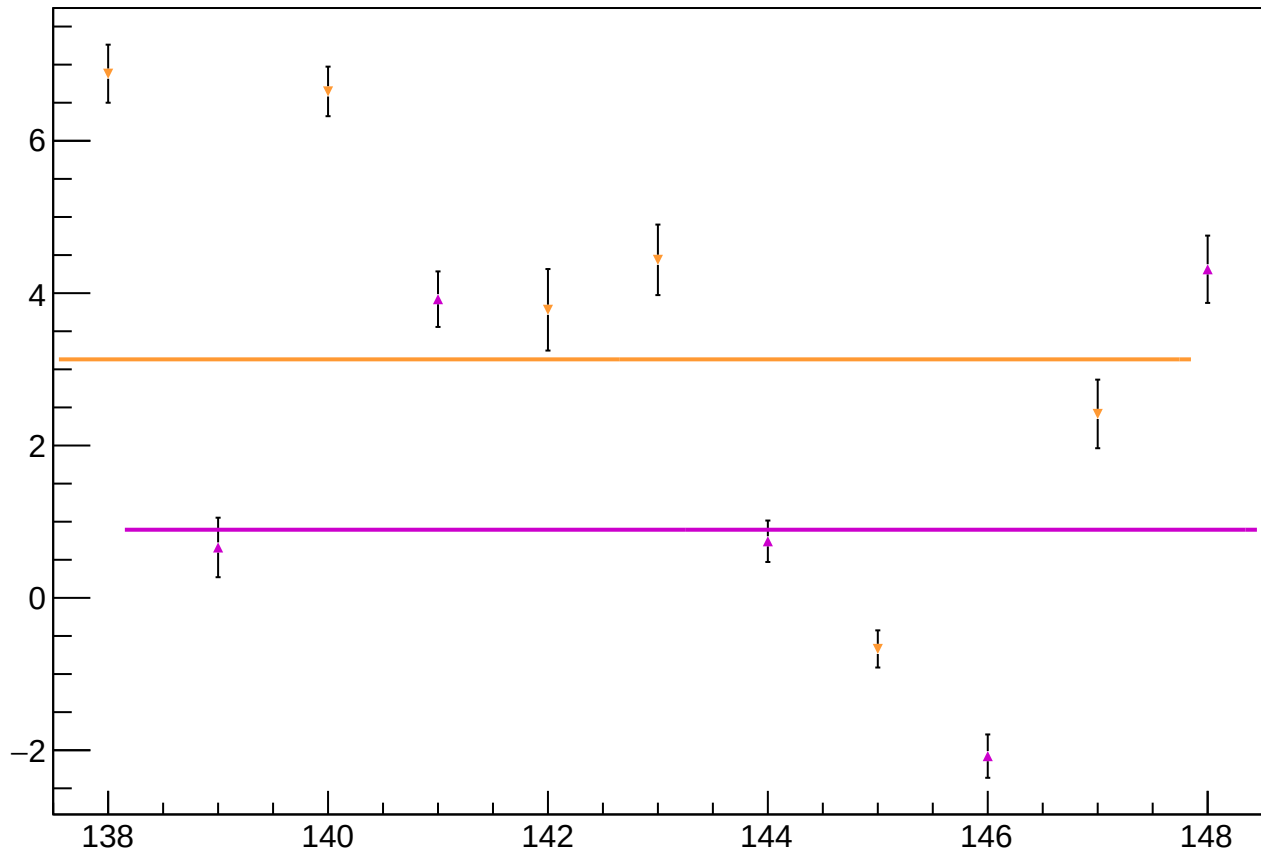
Left In: 0.099 ± 0.007 χ^2/NDF : 56.8/4

+ sign 0.019 ± 0.005 χ^2/NDF : 516.1/22

All: 0.017 ± 0.004 χ^2/NDF : 1340.7/46

- sign 0.014 ± 0.005 χ^2/NDF : 824.2/23

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

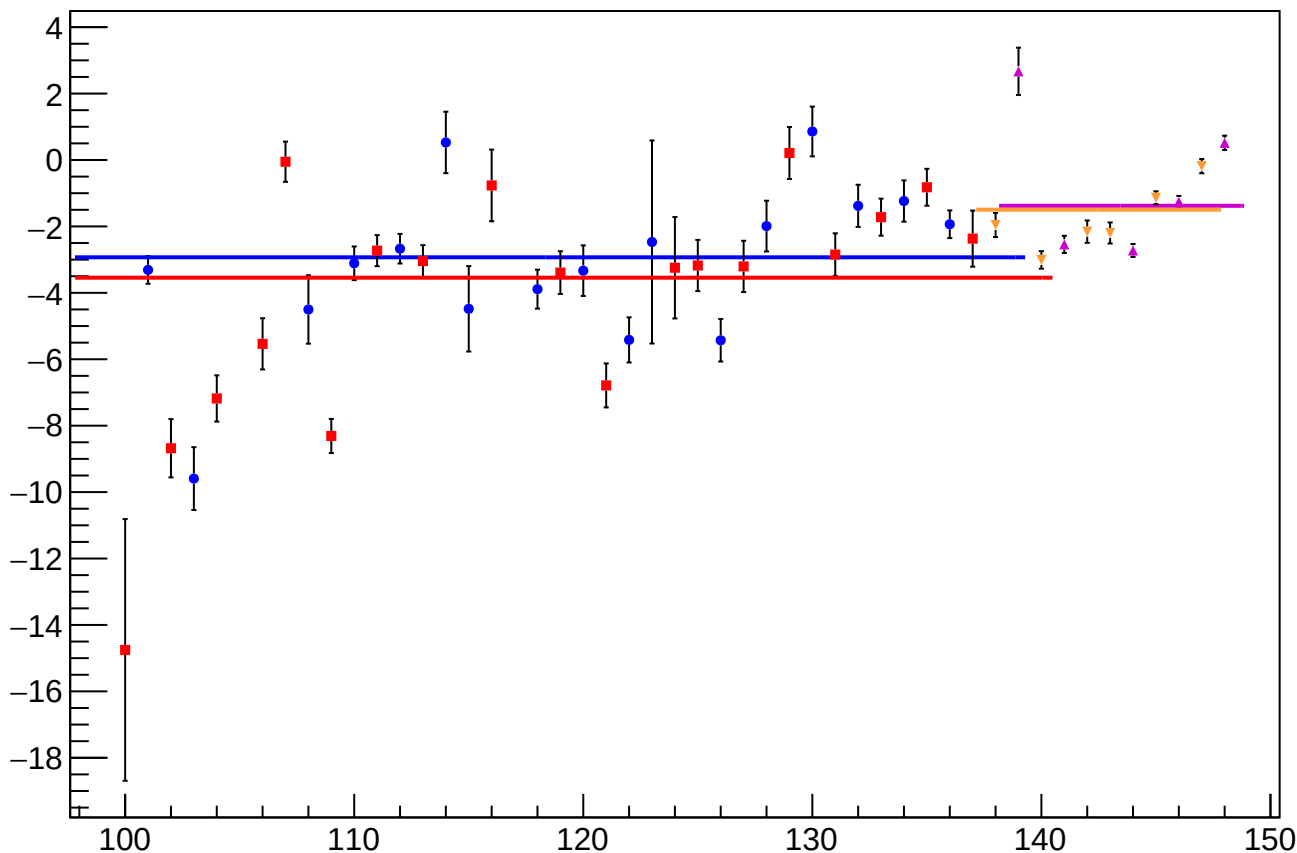
Left In: 0.895 $\pm$ 0.149 χ^2 /NDF:238.6/4

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

All: 2.027 $\pm$ 0.105 χ^2 /NDF: 821.4/10

- 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

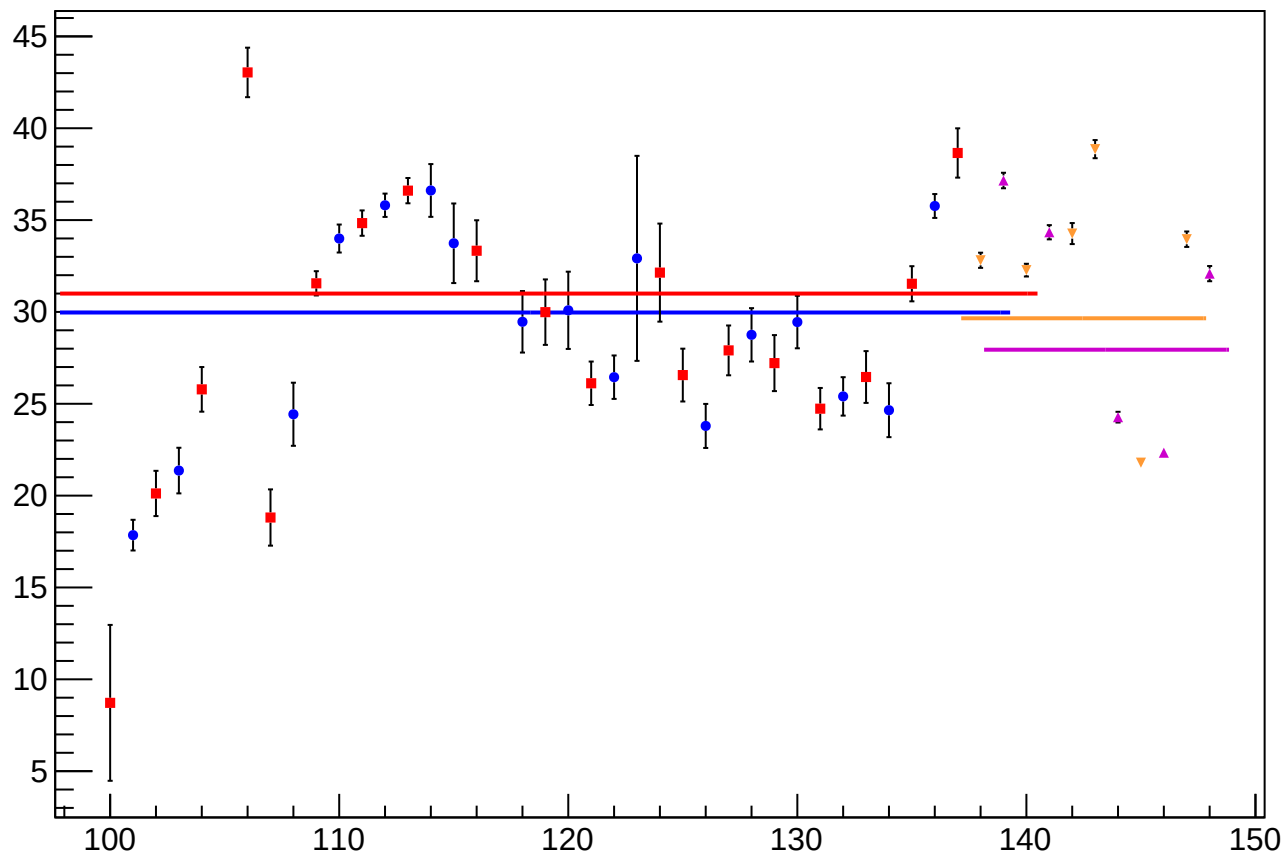
Left In: -1.379 ± 0.101 χ^2/NDF : 178.2/4

+ sign -1.959 ± 0.087 χ^2/NDF : 289.5/22

All: -1.995 ± 0.061 χ^2/NDF : 896.9/46

- sign -2.028 ± 0.085 χ^2/NDF : 607.1/23

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

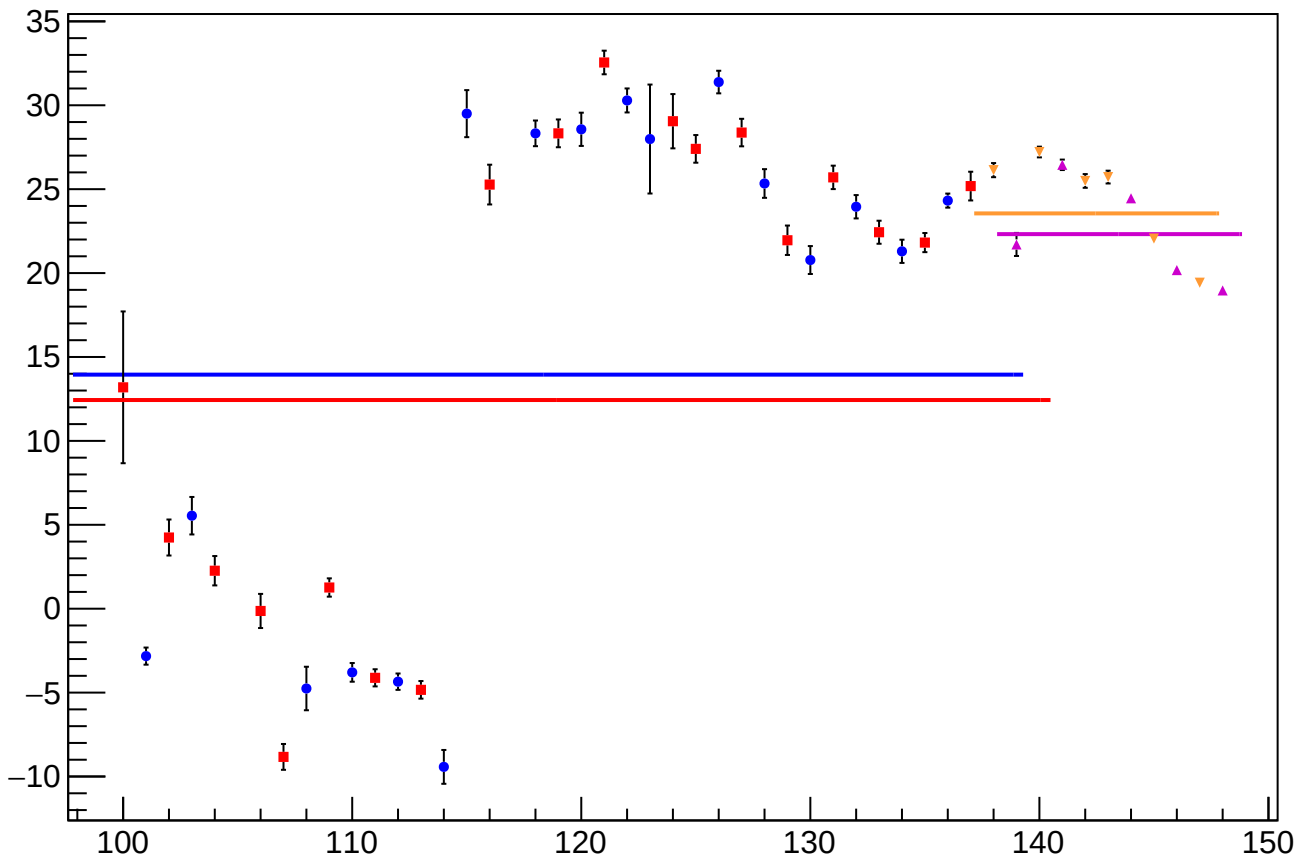
Left In: 27.944 $\pm$ 0.152 χ^2 /NDF:1428.3/4

+ sign 29.733 $\pm$ 0.134 χ^2 /NDF: 2104.5/22

All: 29.218 $\pm$ 0.094 χ^2 /NDF: 4144.4/46

- sign 28.723 $\pm$ 0.131 χ^2 /NDF: 2010.8/23

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

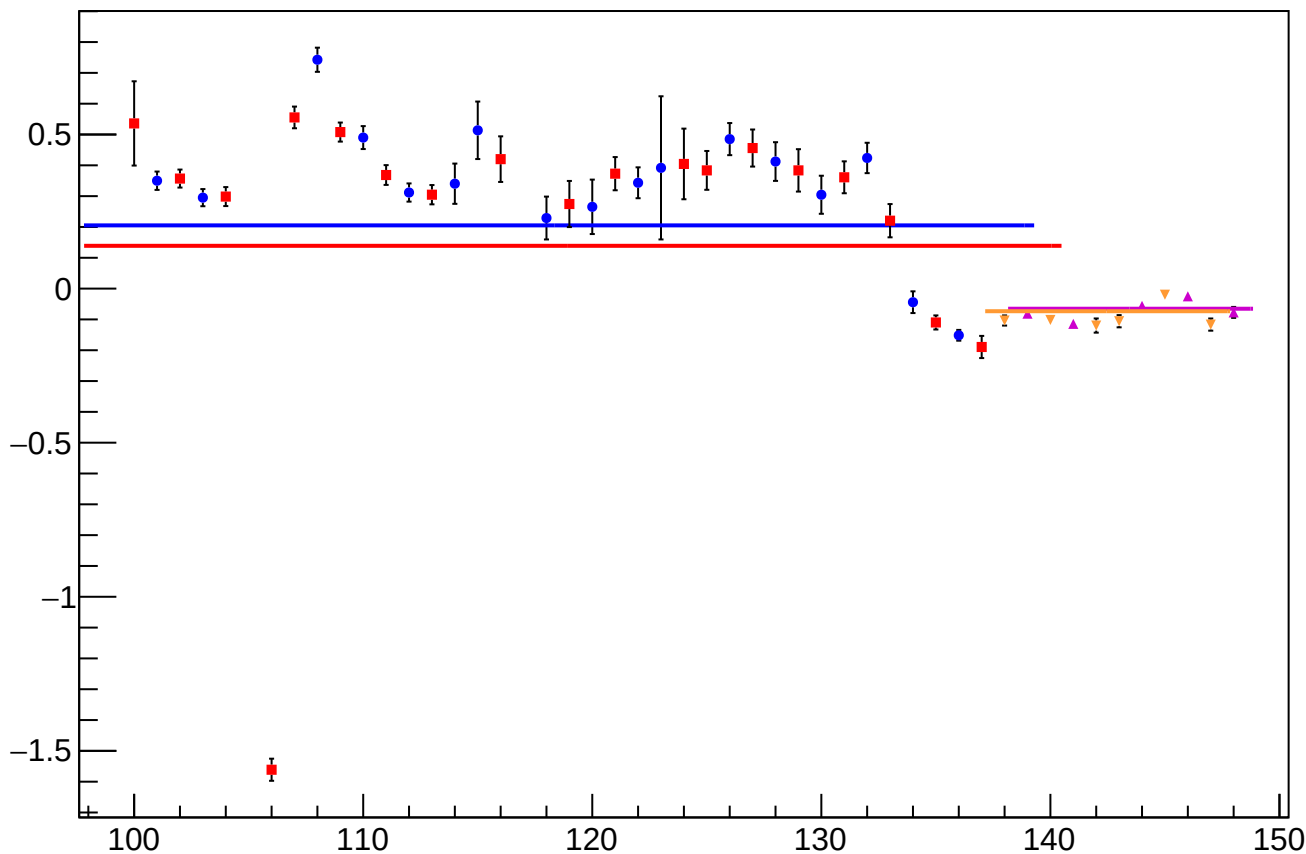
Left In: 22.321 $\pm$ 0.126 χ^2 /NDF: 481.4/4

+ sign 20.065 $\pm$ 0.104 χ^2 /NDF: 9842.8/22

All: 19.479 $\pm$ 0.073 χ^2 /NDF: 19472.6/46

- sign 18.910 $\pm$ 0.102 χ^2 /NDF: 9566.7/23

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 846.2/16

Left Out: -0.073 ± 0.006 χ^2/NDF : 46.2/5

Right Out: 0.139 ± 0.009 χ^2/NDF : 3016.8/18

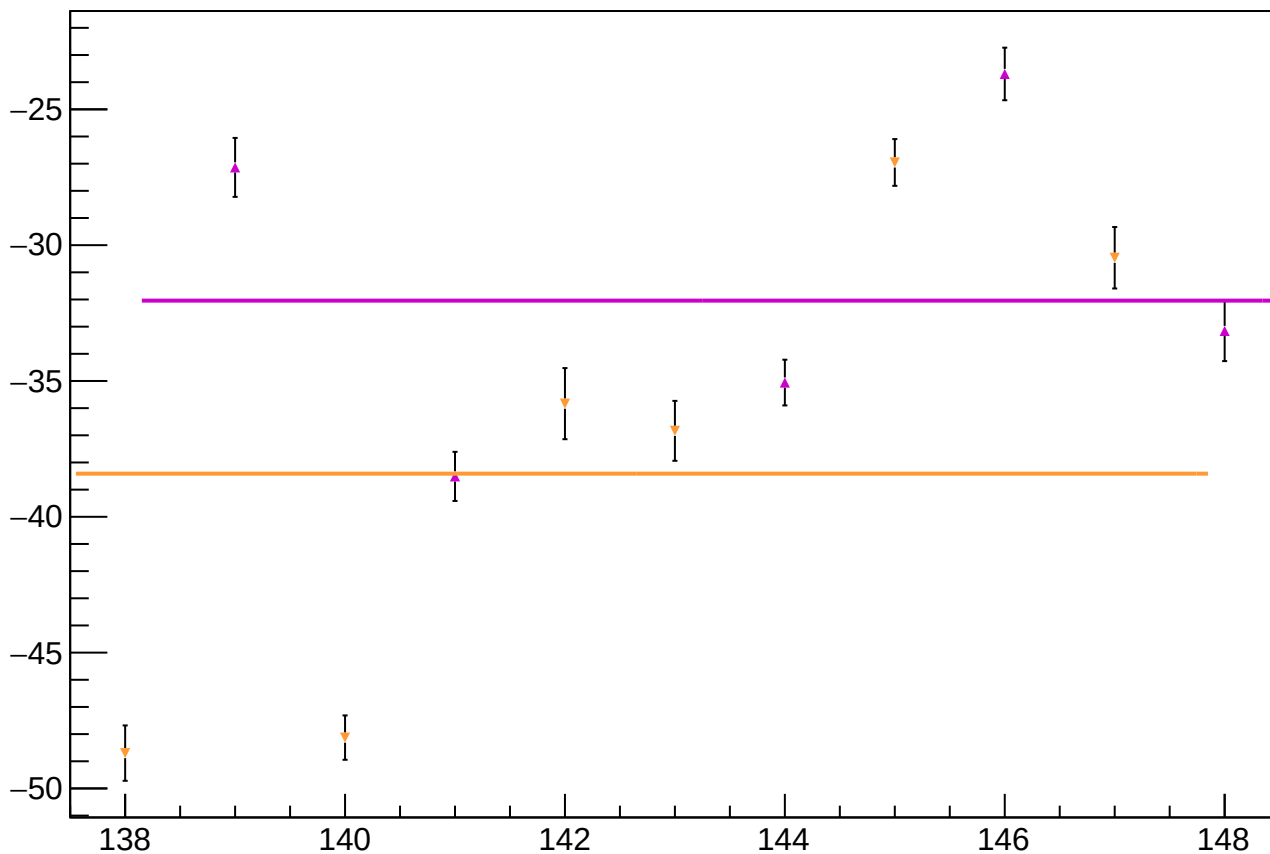
Left In: -0.065 ± 0.006 χ^2/NDF : 22.0/4

+ sign 0.015 ± 0.005 χ^2/NDF : 1498.4/22

All: 0.008 ± 0.004 χ^2/NDF : 4871.5/46

- sign 0.002 ± 0.005 χ^2/NDF : 3370.1/23

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -38.412+/-0.408 χ^2/NDF : 476.0/5

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

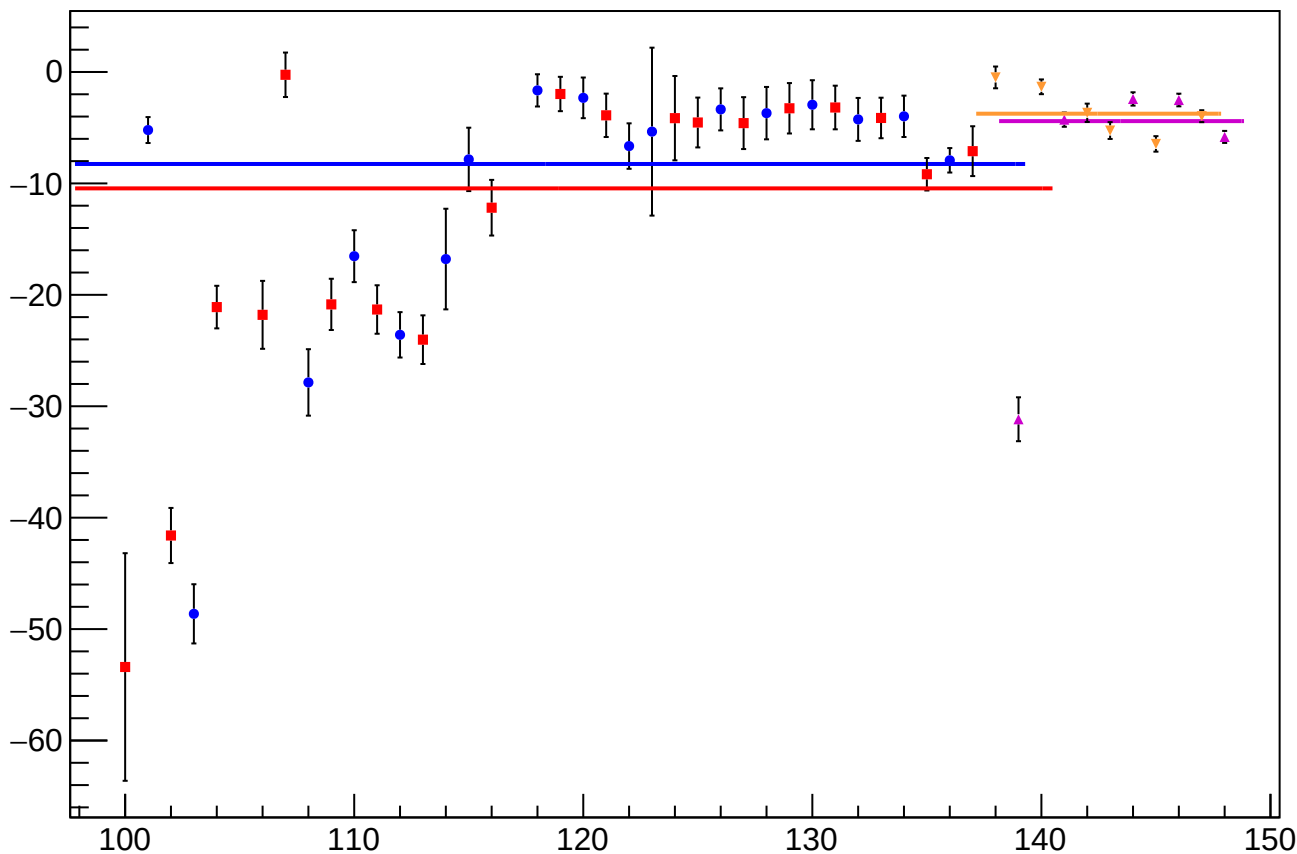
Left In: -32.042+/-0.432 χ^2/NDF : 159.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.405+/-0.297 χ^2/NDF : 750.8/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.257 ± 0.462 χ^2/NDF : 412.1/16

Left Out: -3.743 ± 0.287 χ^2/NDF : 43.8/5

Right Out: -10.446 ± 0.491 χ^2/NDF : 428.4/18

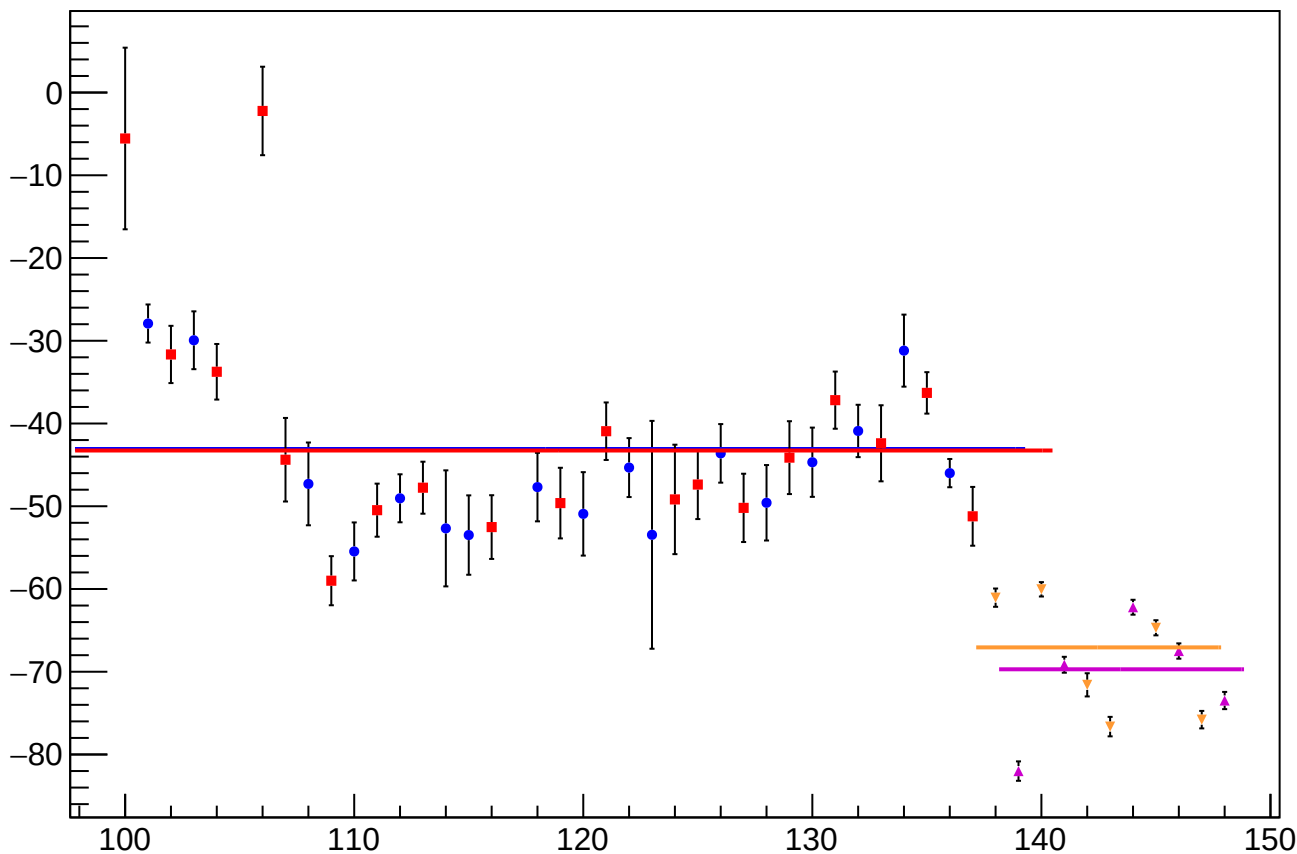
Left In: -4.409 ± 0.288 χ^2/NDF : 213.5/4

+ sign -5.002 ± 0.244 χ^2/NDF : 524.7/22

All: -5.470 ± 0.174 χ^2/NDF : 1286.5/46

- sign -5.957 ± 0.249 χ^2/NDF : 754.3/23

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.082 ± 0.834 $\chi^2/\text{NDF}: 99.2/16$

Left Out: -67.057 ± 0.428 $\chi^2/\text{NDF}: 246.4/5$

Right Out: -43.262 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

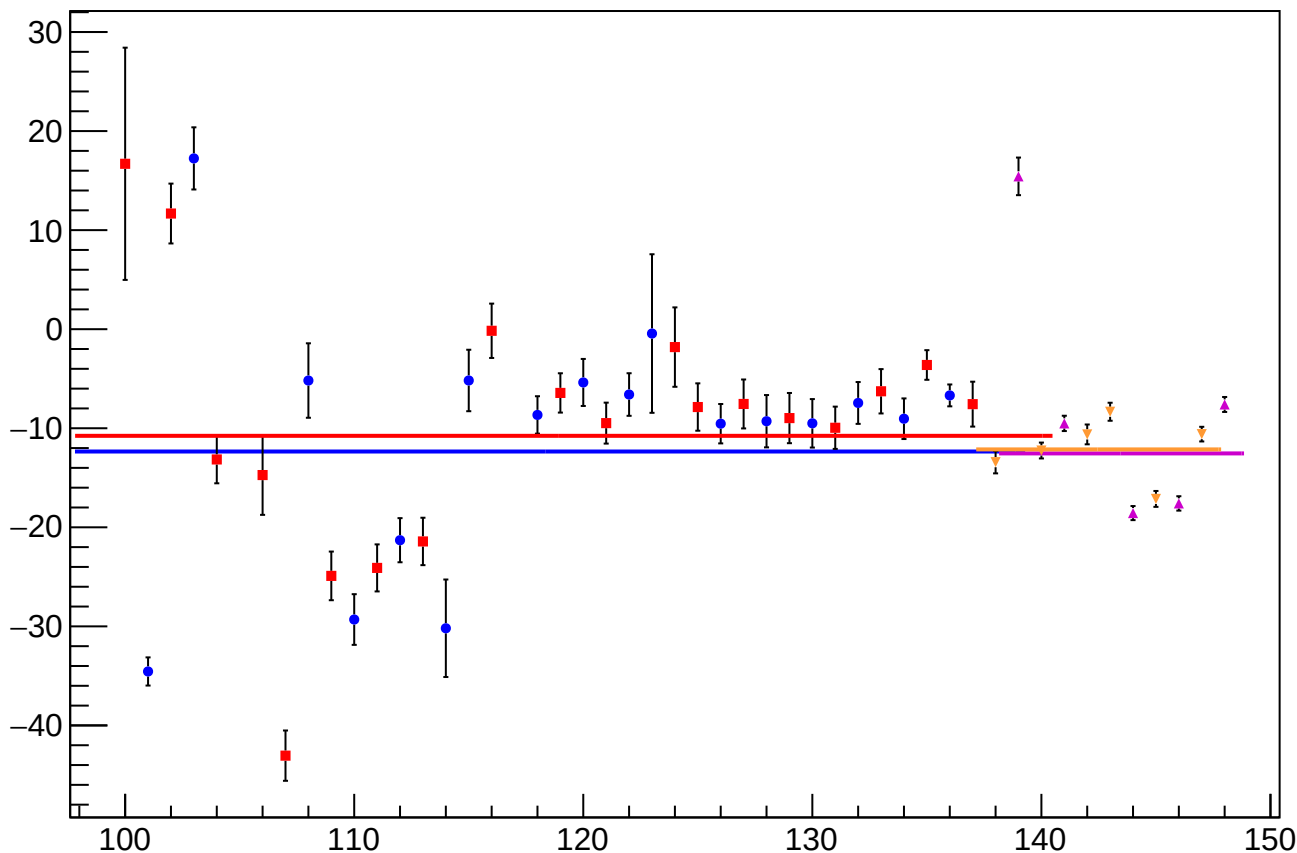
Left In: -69.705 ± 0.442 $\chi^2/\text{NDF}: 198.4/4$

+ sign -62.066 ± 0.381 $\chi^2/\text{NDF}: 999.6/22$

All: -63.124 ± 0.274 $\chi^2/\text{NDF}: 2107.6/46$

- sign -64.254 ± 0.393 $\chi^2/\text{NDF}: 1092.0/23$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.348 ± 0.520 χ^2/NDF : 475.9/16

Left Out: -12.136 ± 0.355 χ^2/NDF : 64.2/5

Right Out: -10.765 ± 0.554 χ^2/NDF : 366.6/18

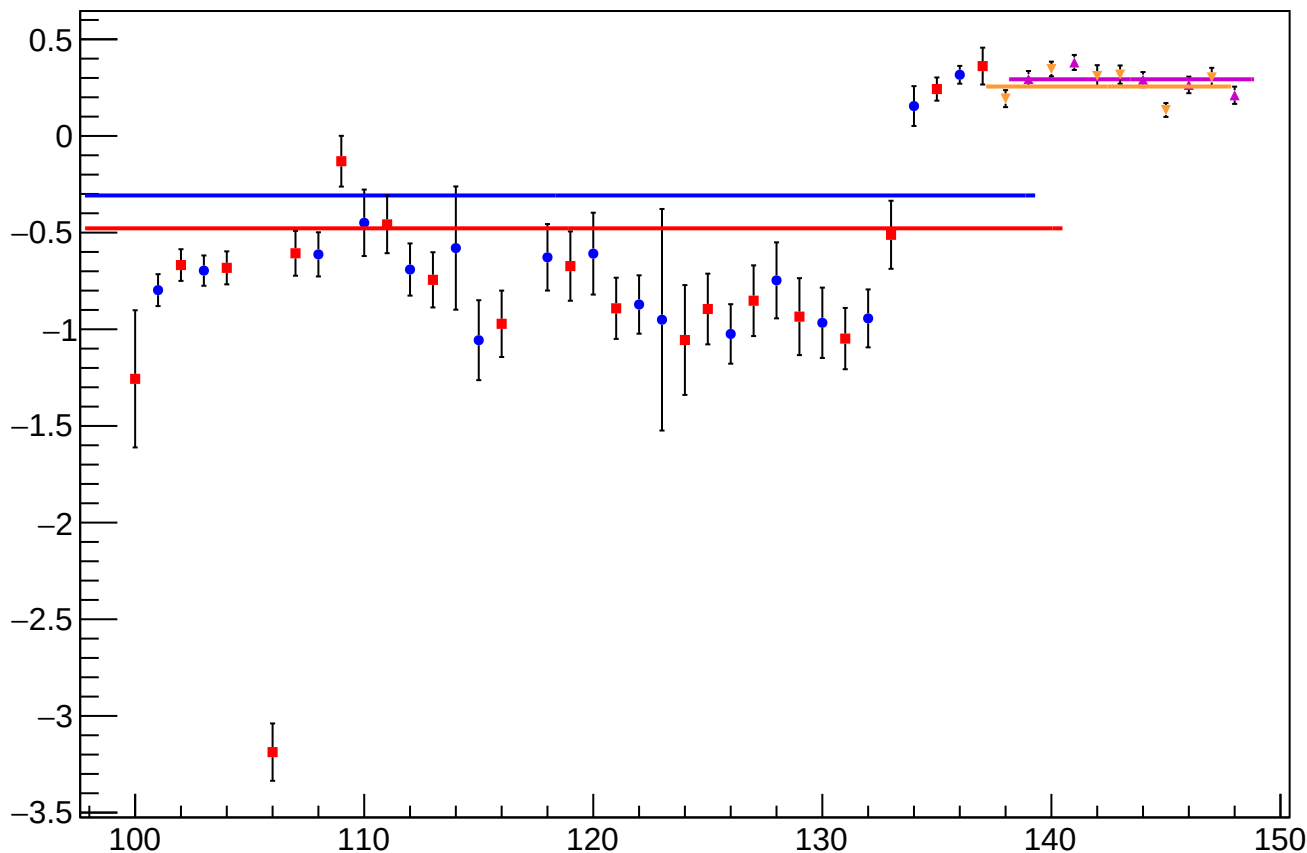
Left In: -12.541 ± 0.363 χ^2/NDF : 395.3/4

+ sign -12.204 ± 0.293 χ^2/NDF : 540.3/22

All: -12.108 ± 0.211 χ^2/NDF : 1309.7/46

- sign -12.006 ± 0.304 χ^2/NDF : 769.2/23

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

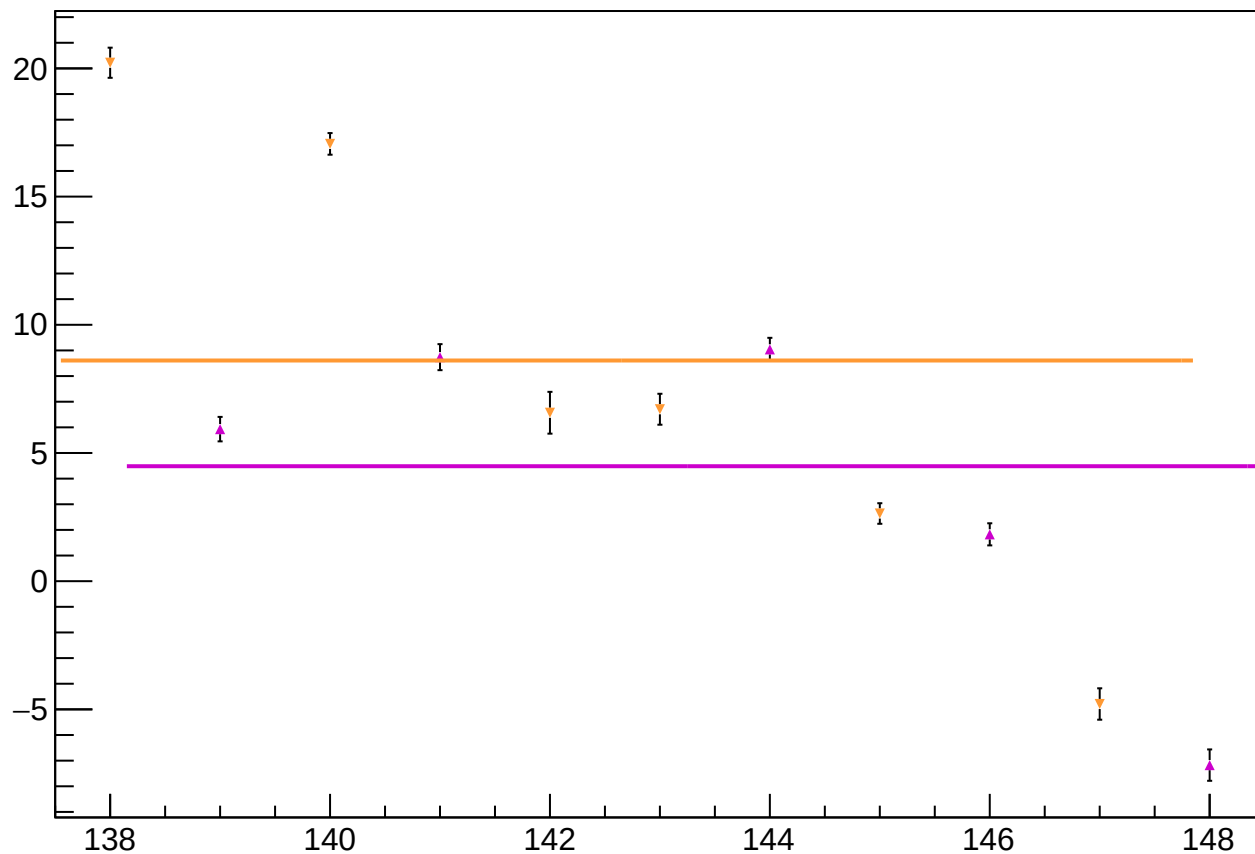
Left In: 0.293 ± 0.018 χ^2/NDF : 8.9/4

+ sign 0.089 ± 0.015 χ^2/NDF : 690.8/22

All: 0.078 ± 0.011 χ^2/NDF : 1846.8/46

- sign 0.066 ± 0.015 χ^2/NDF : 1154.8/23

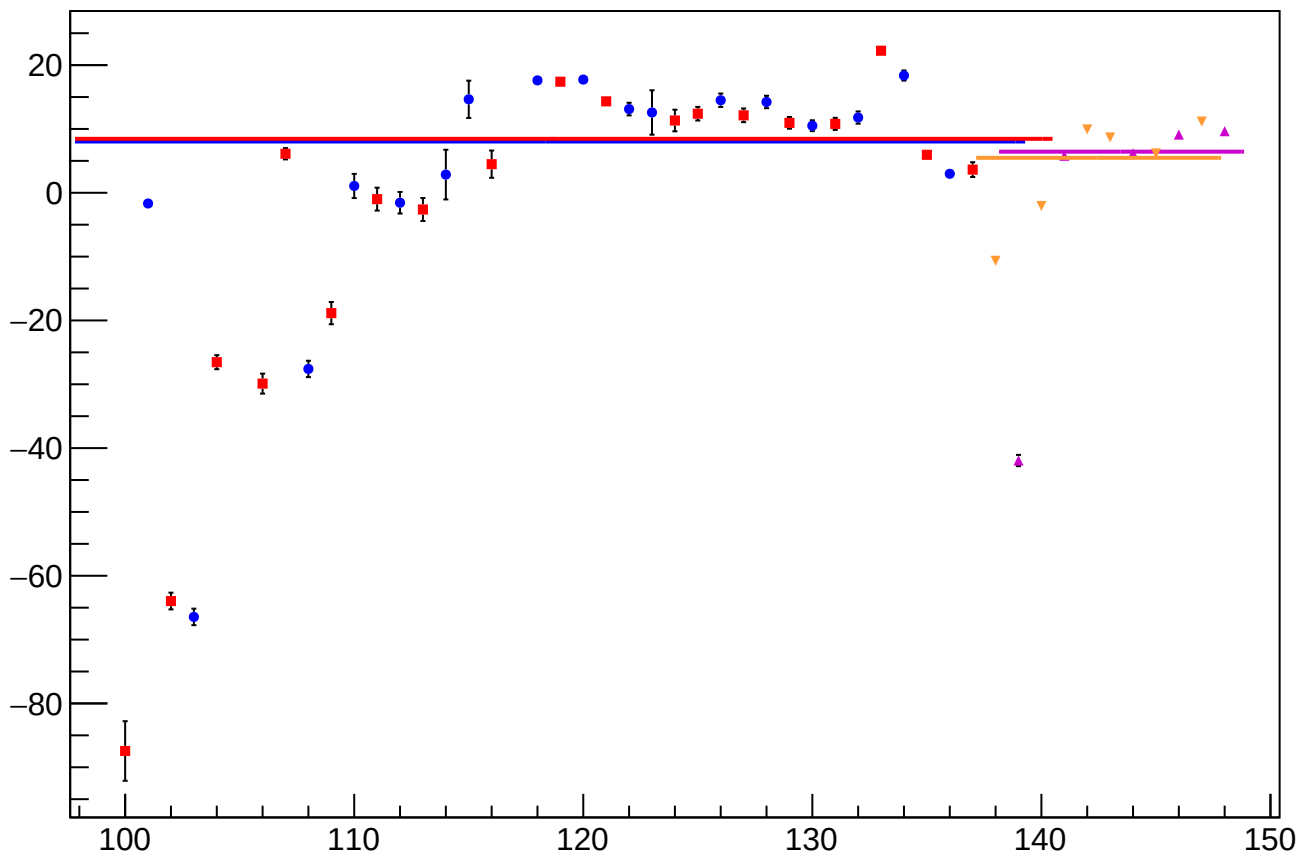
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



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: 4.484 $\pm$ 0.217 χ^2 /NDF:583.1/4

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 6.563 $\pm$ 0.153 χ^2 /NDF: 2272.3/10
 - 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

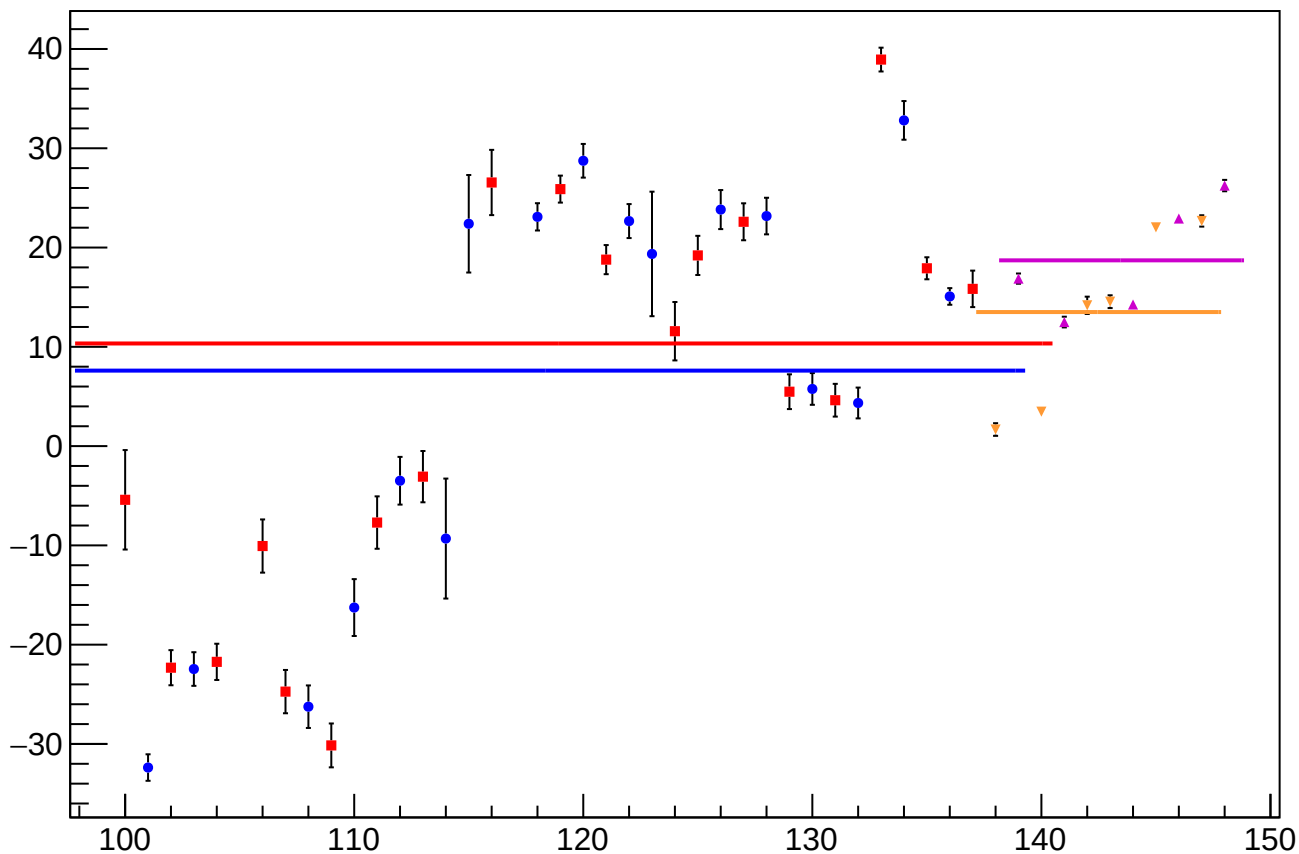
Left In: 6.443 ± 0.153 χ^2/NDF : 3235.8/4

+ sign 6.355 ± 0.126 χ^2/NDF : 7168.5/22

All: 6.747 ± 0.089 χ^2/NDF : 17186.3/46

- sign 7.129 ± 0.125 χ^2/NDF : 9998.7/23

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.604 ± 0.416 χ^2/NDF : 2325.0/16

Left Out: 13.503 ± 0.225 χ^2/NDF : 1506.7/5

Right Out: 10.337 ± 0.416 χ^2/NDF : 2281.8/18

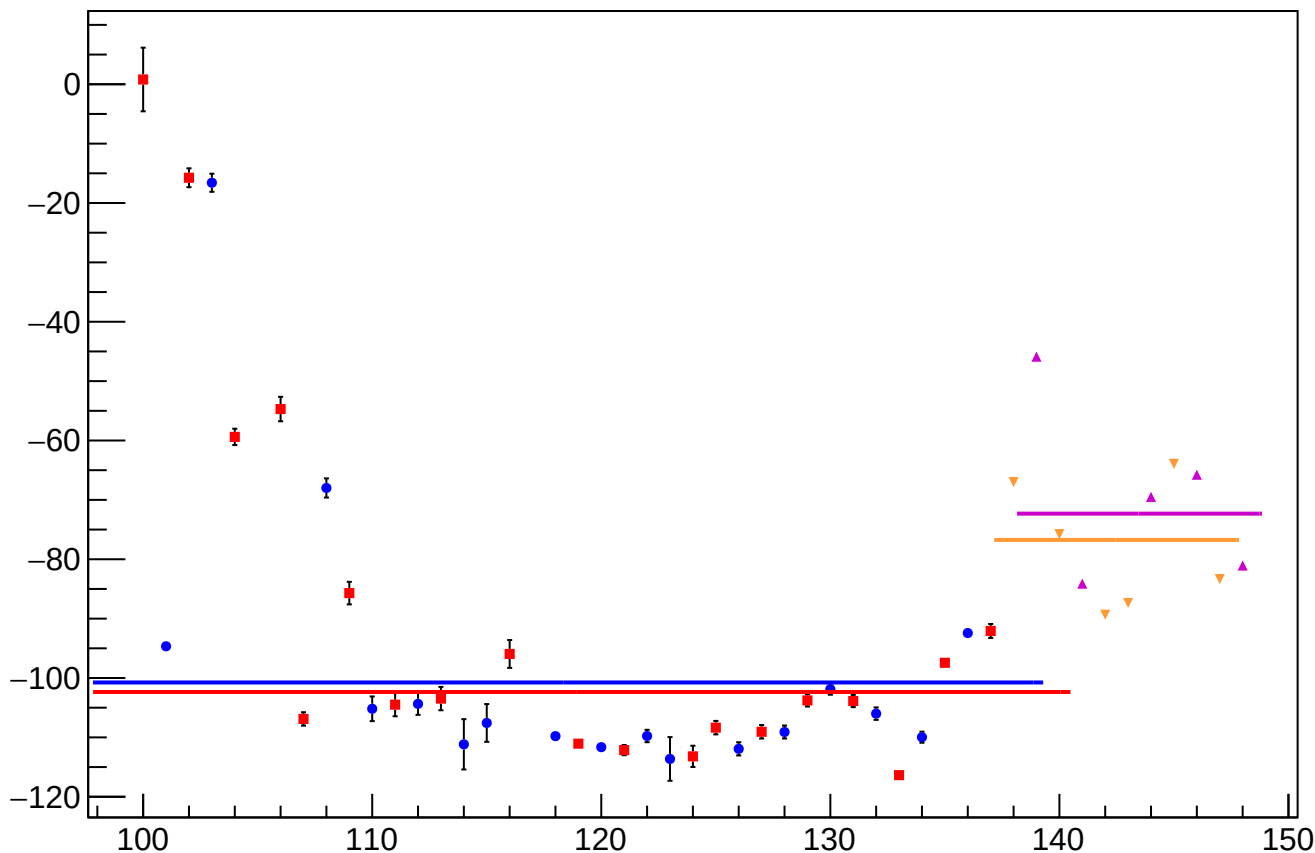
Left In: 18.711 ± 0.222 χ^2/NDF : 506.2/4

+ sign 12.166 ± 0.198 χ^2/NDF : 3987.4/22

All: 14.543 ± 0.139 χ^2/NDF : 7375.4/46

- sign 16.864 ± 0.196 χ^2/NDF : 3103.1/23

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.753 $\pm$ 0.248 χ^2/NDF : 4522.6/16

Left Out: -76.744 $\pm$ 0.191 χ^2/NDF : 2478.3/5

Right Out: -102.354 $\pm$ 0.246 χ^2/NDF : 6078.9/18

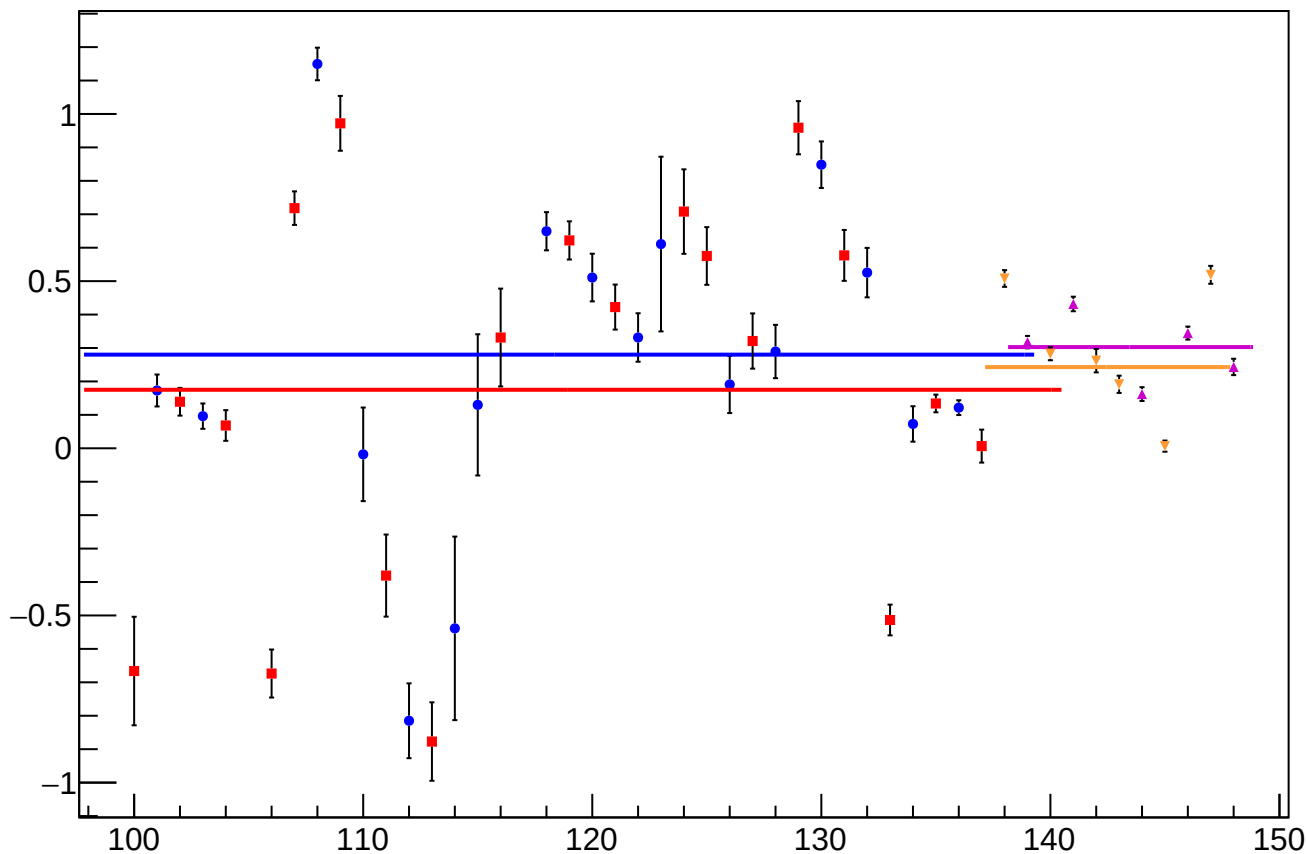
Left In: -72.317 $\pm$ 0.190 χ^2/NDF : 2556.9/4

+ sign -85.666 $\pm$ 0.151 χ^2/NDF : 12889.7/22

All: -84.589 $\pm$ 0.107 χ^2/NDF : 30956.3/46

- sign -83.523 $\pm$ 0.150 χ^2/NDF : 17965.6/23

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

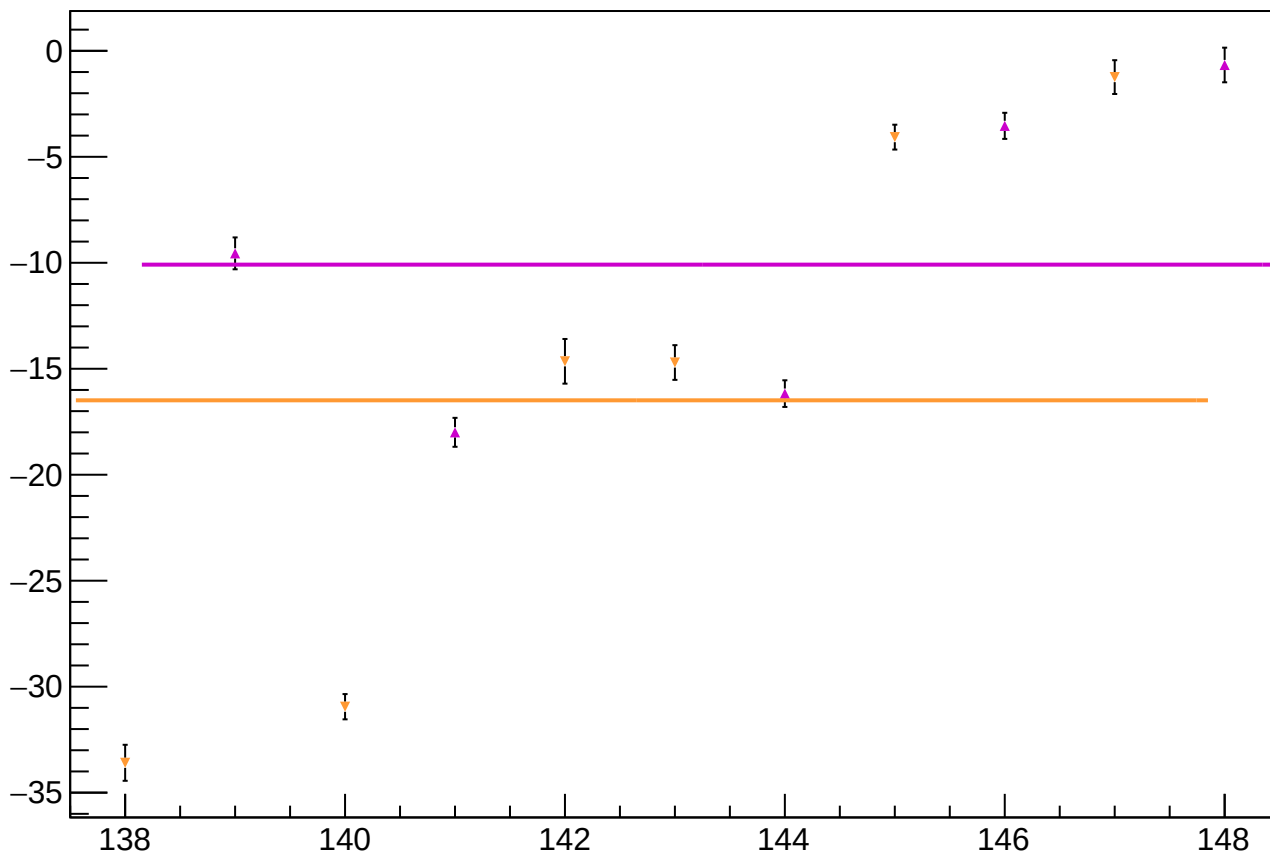
Left In: 0.303 ± 0.009 χ^2/NDF : 92.4/4

+ sign 0.255 ± 0.008 χ^2/NDF : 1089.4/22

All: 0.258 ± 0.005 χ^2/NDF : 2210.1/46

- sign 0.262 ± 0.008 χ^2/NDF : 1120.3/23

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

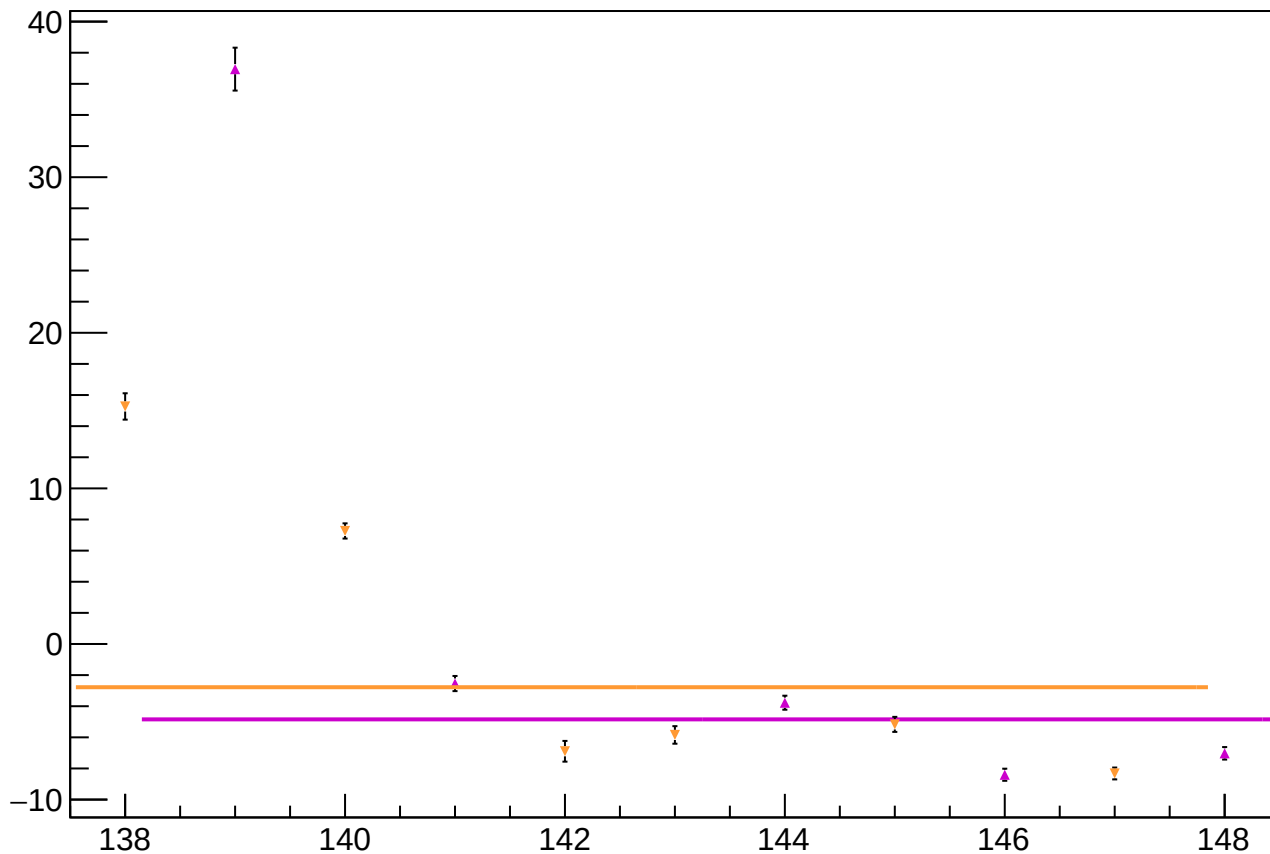
Left In: -10.088+/-0.307 χ^2/NDF : 474.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.361+/-0.215 χ^2/NDF : 2511.7/10

- 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

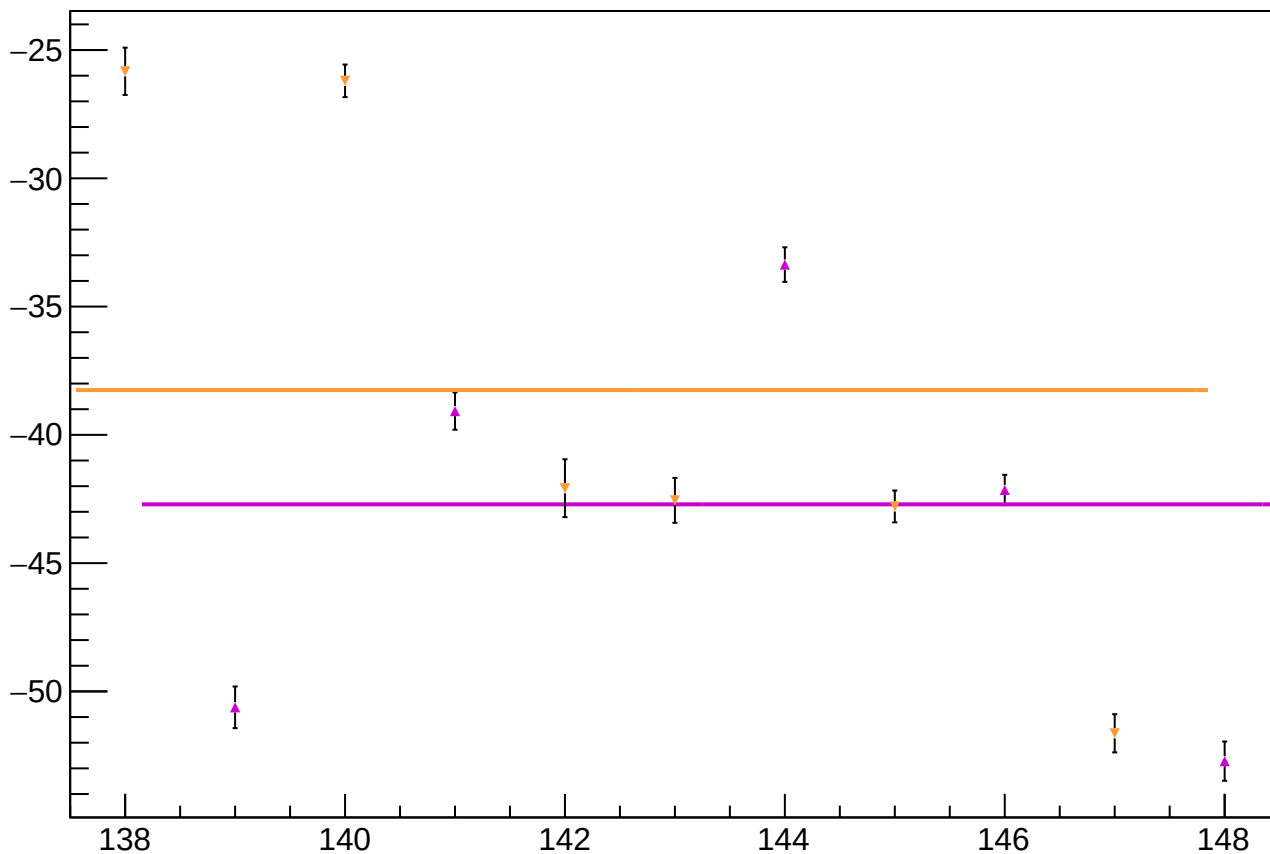
Left In: -4.845+/-0.211 χ^2/NDF : 1059.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.820+/-0.150 χ^2/NDF : 2286.2/10

- 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

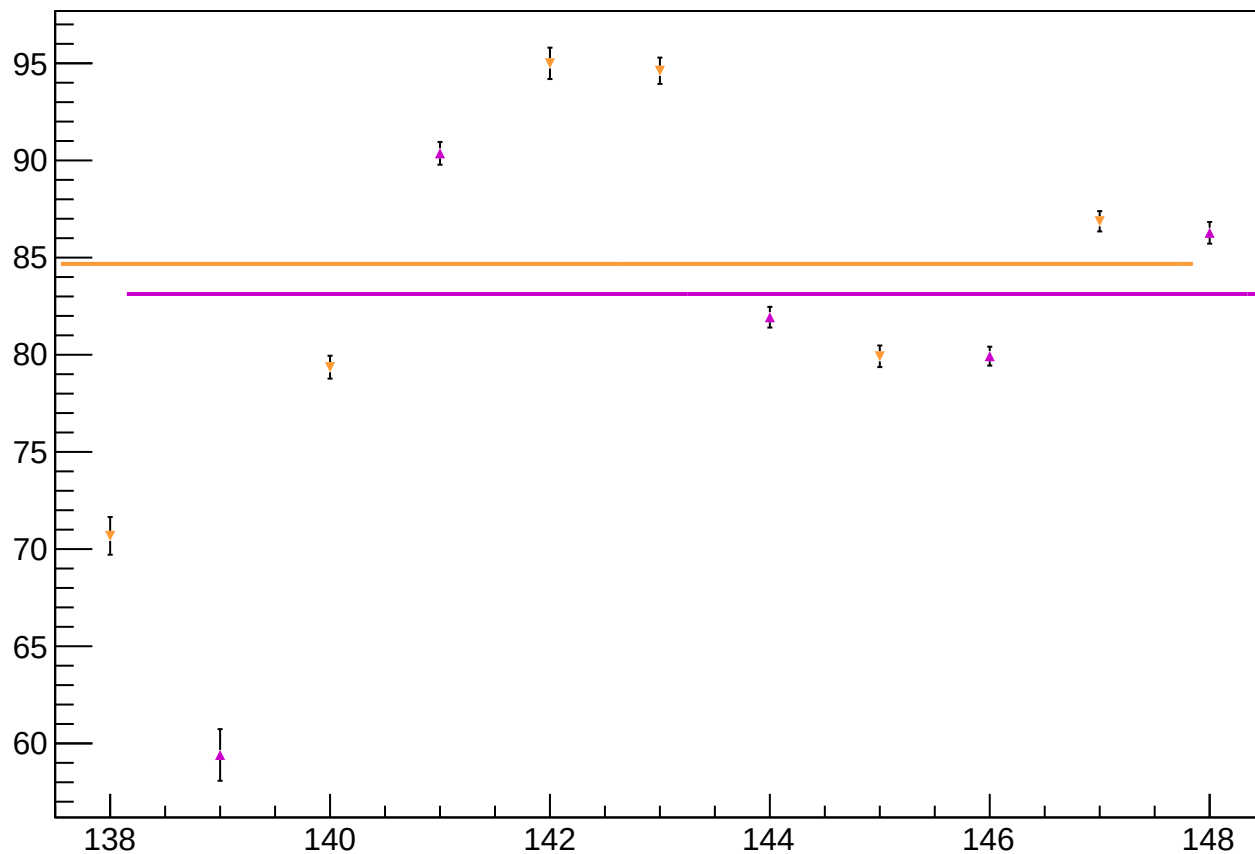
Left In: -42.709+/-0.313 χ^2/NDF : 484.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.484+/-0.222 χ^2/NDF : 1539.6/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

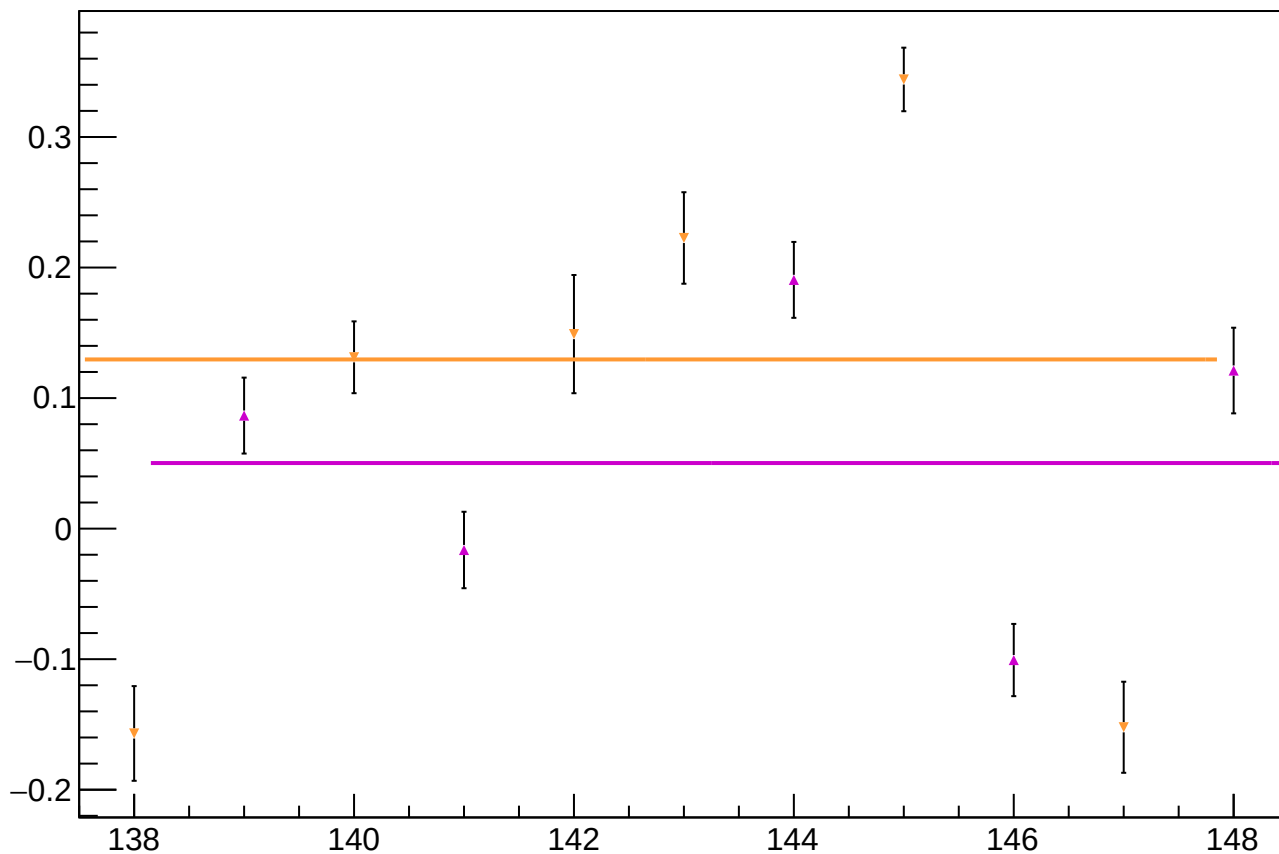
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 84.676 $\pm$ 0.262 χ^2 /NDF: 758.9/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 83.127 $\pm$ 0.263 χ^2 /NDF: 551.5/4

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 83.904 $\pm$ 0.186 χ^2 /NDF: 1327.8/10
 - sign 0.000 $\pm$ 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

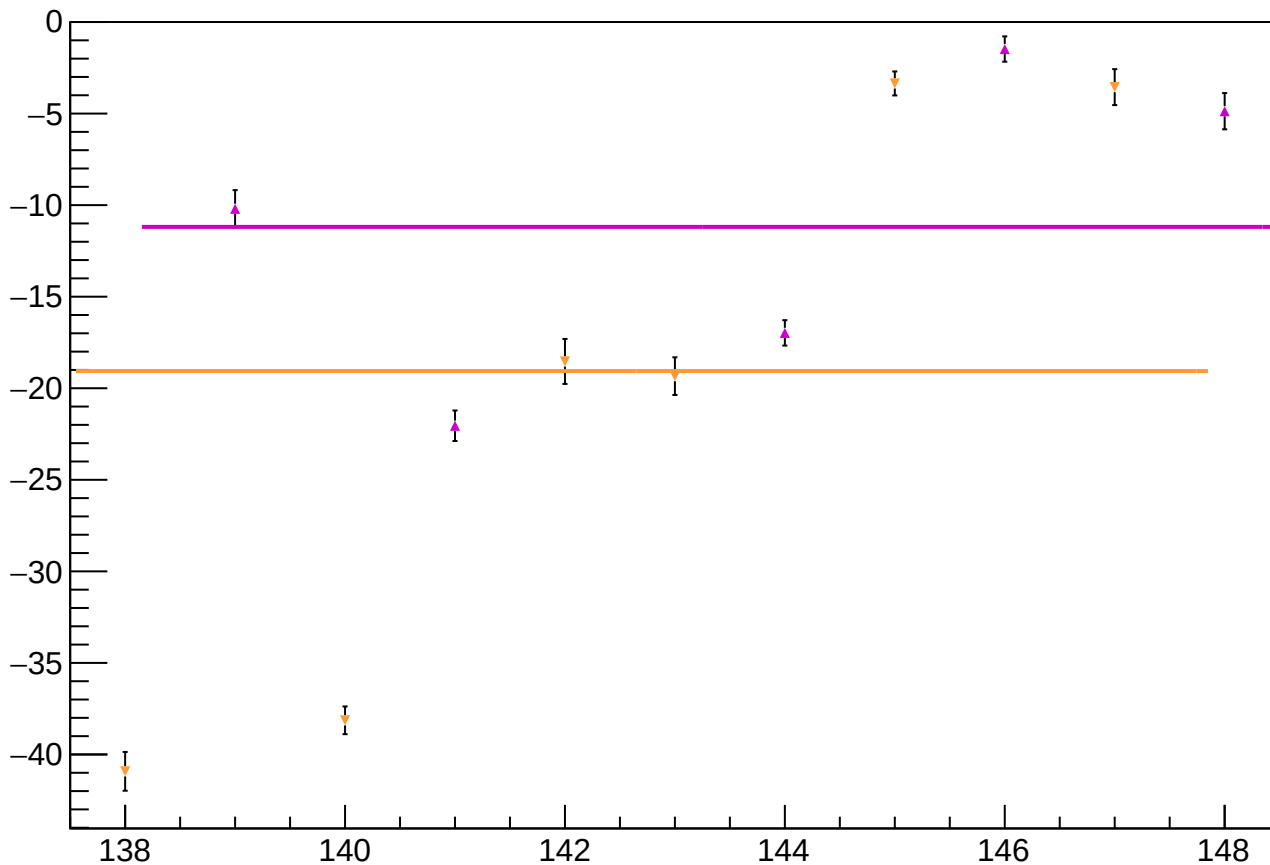
Left In: 0.050 $\pm$ 0.013 χ^2 /NDF:64.5/4

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

All: 0.090 $\pm$ 0.009 χ^2 /NDF: 295.3/10

- 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

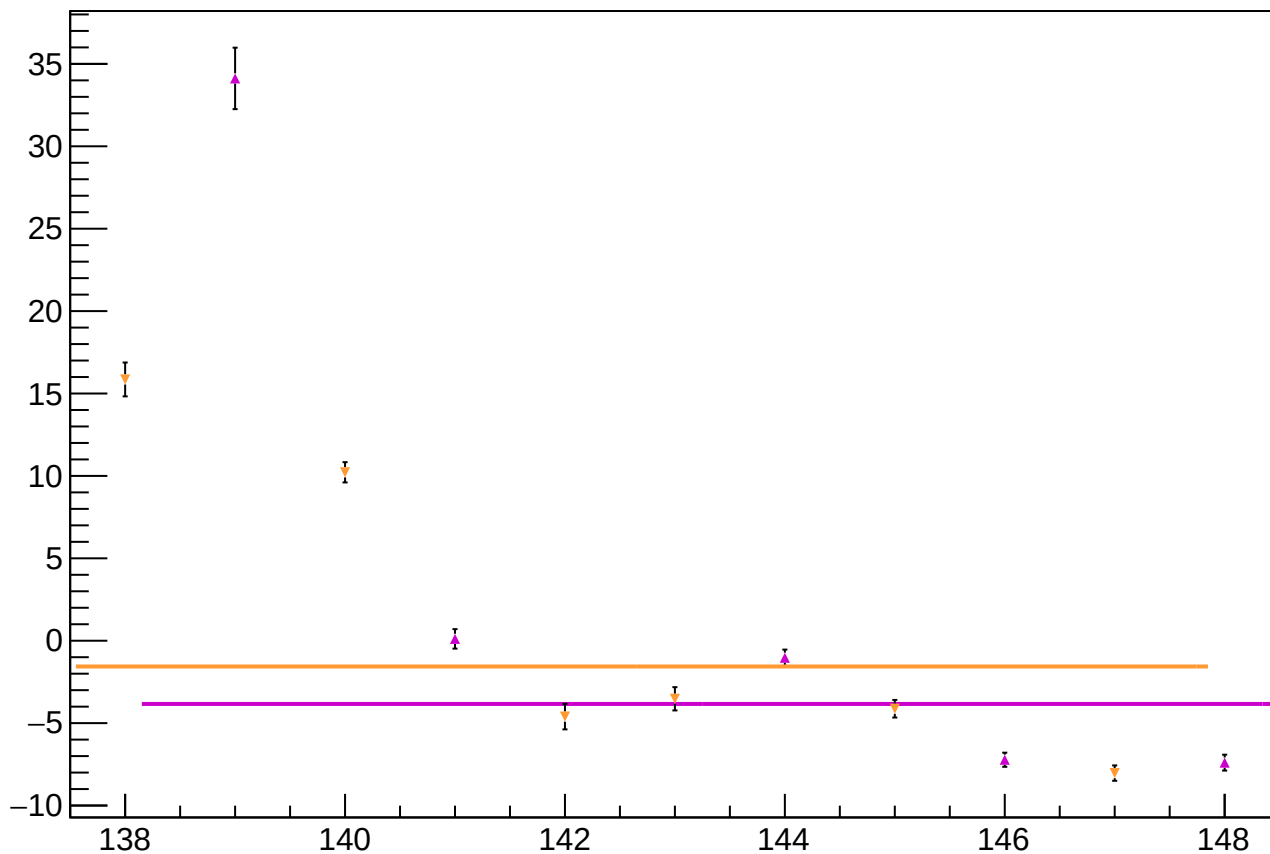
Left In: -11.188+/-0.363 χ^2/NDF : 478.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.132+/-0.256 χ^2/NDF : 2600.1/10

- 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

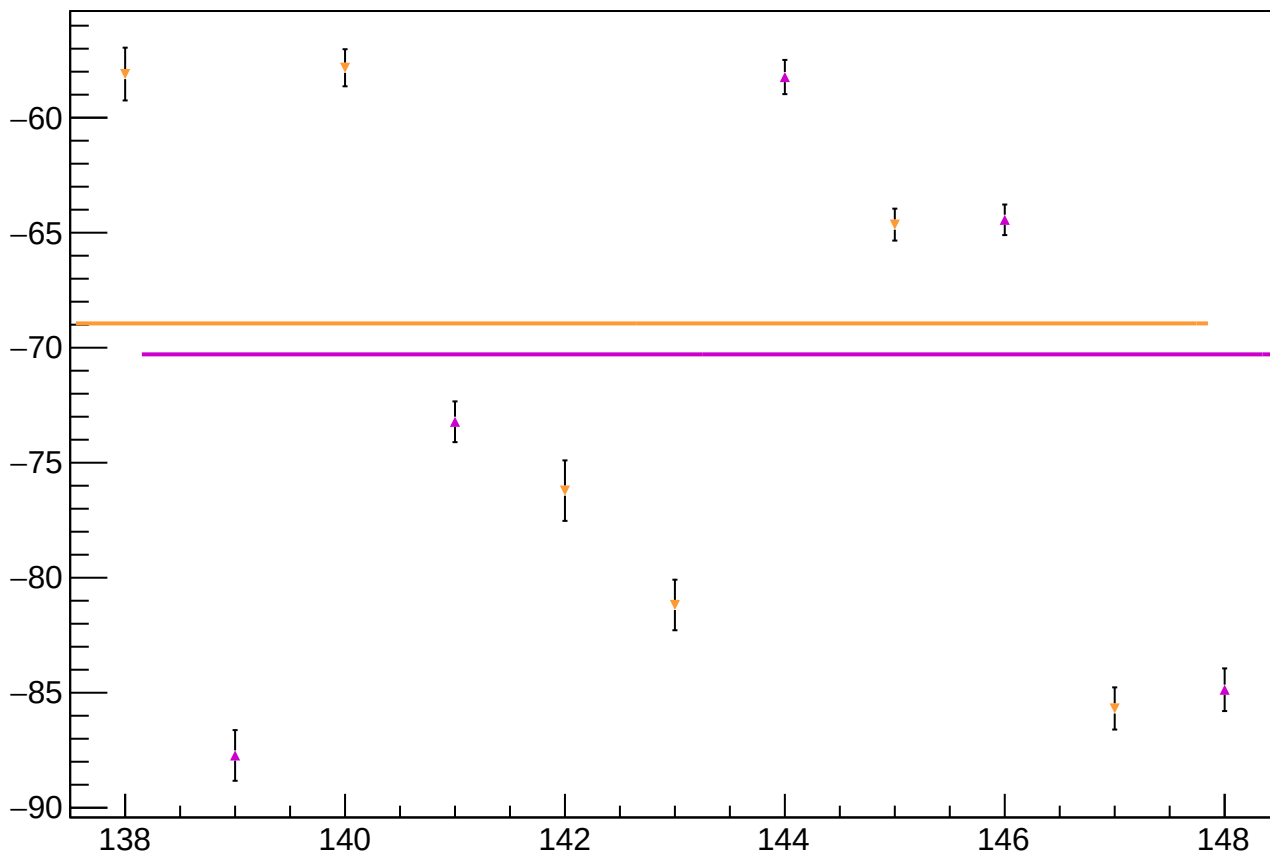
Left In: -3.836+/-0.243 χ^2/NDF : 607.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.755+/-0.176 χ^2/NDF : 1542.9/10

- 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

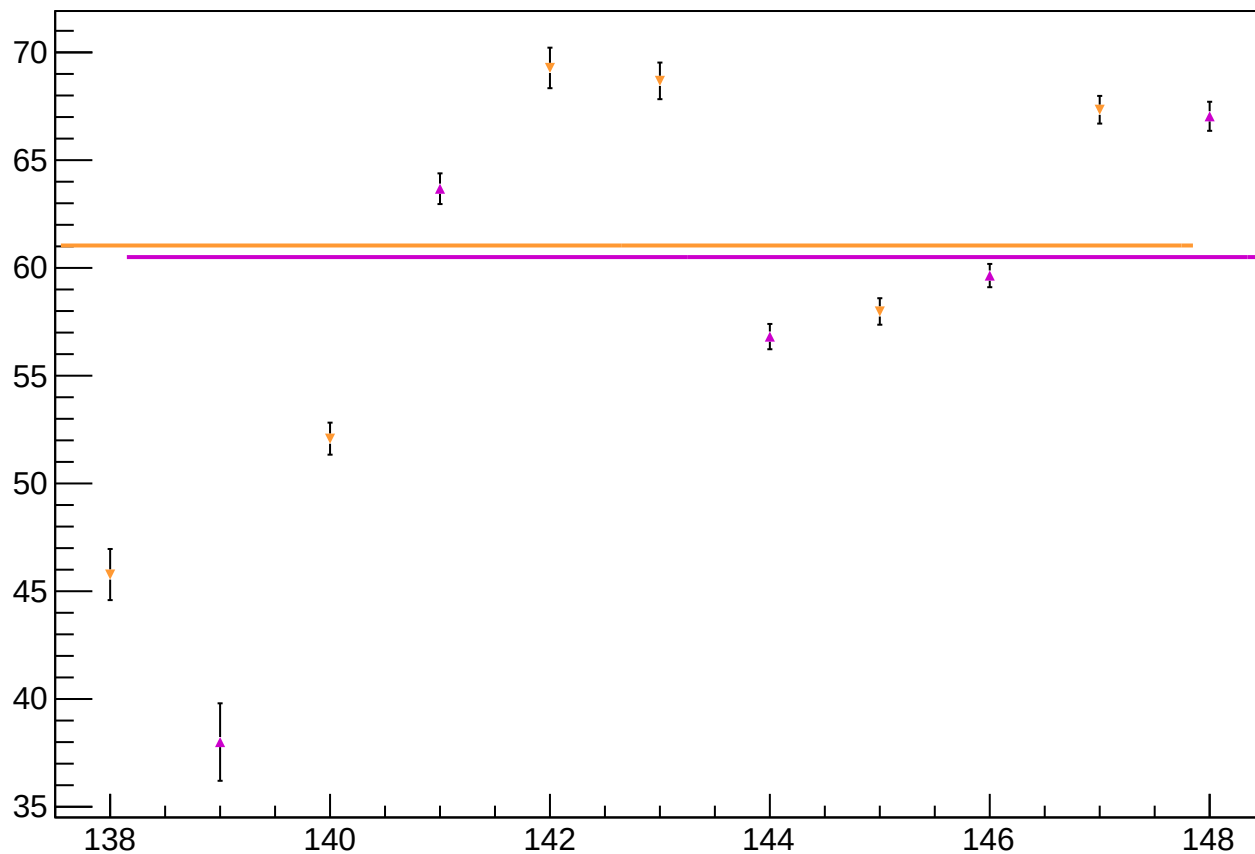
Left In: -70.290+/-0.369 χ^2/NDF : 848.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.634+/-0.264 χ^2/NDF : 1661.1/10

- 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

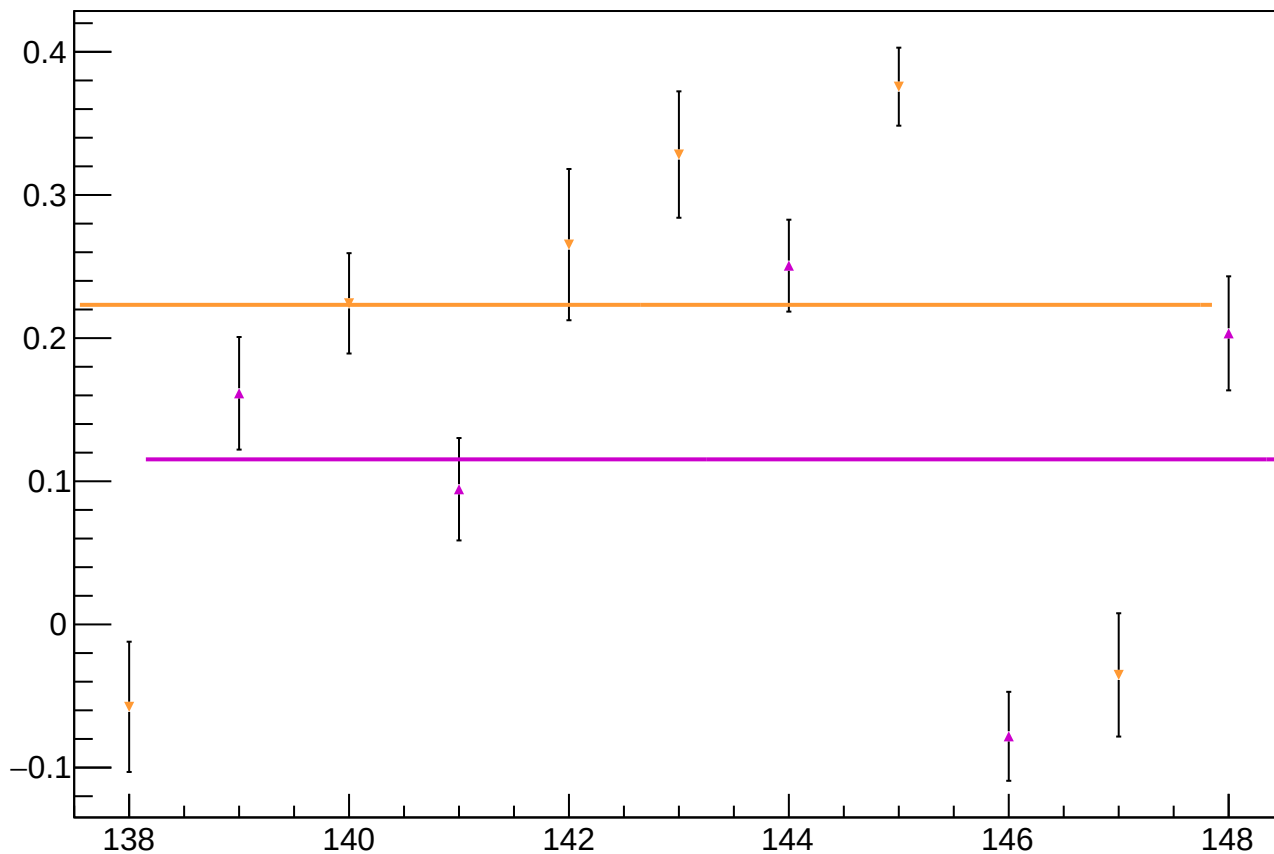
Left In: 60.503+/-0.304 χ^2/NDF : 312.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.763+/-0.219 χ^2/NDF : 904.0/10

- 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

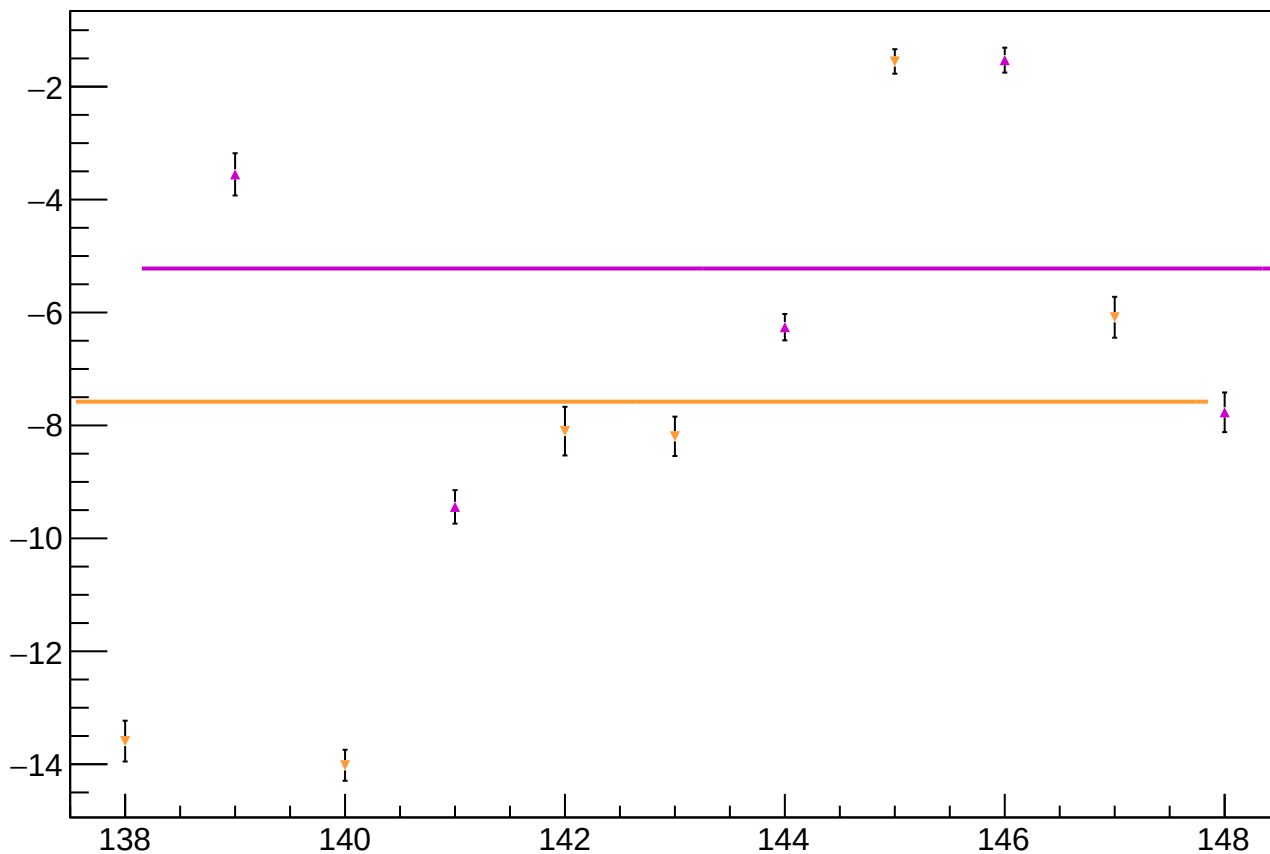
Left In: 0.115 $\pm$ 0.016 χ^2 /NDF:63.1/4

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

All: 0.169 $\pm$ 0.011 χ^2 /NDF: 198.5/10

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

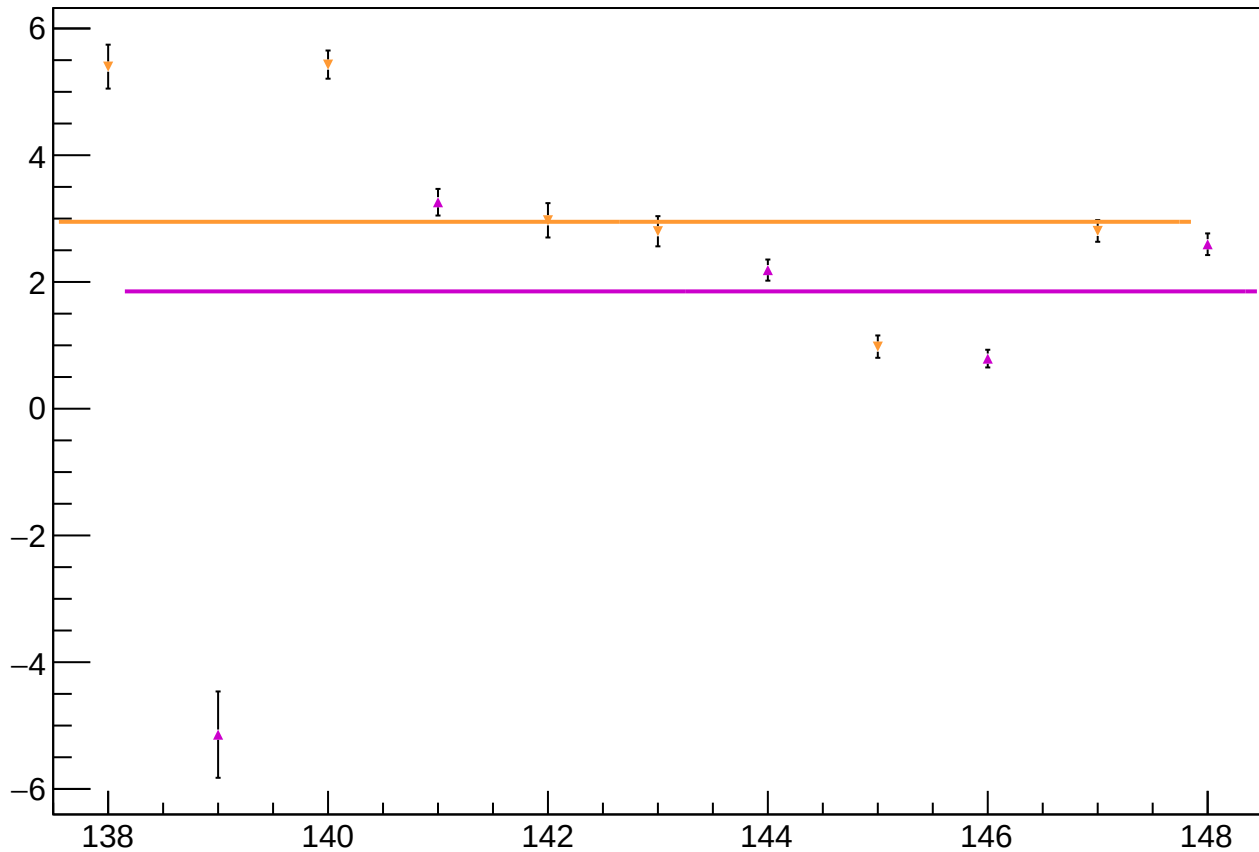
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.579+/-0.126 χ^2/NDF : 1618.9/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.221+/-0.124 χ^2/NDF : 573.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.382+/-0.088 χ^2/NDF : 2371.4/10
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 2.949+/-0.089 χ^2/NDF :300.3/5

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

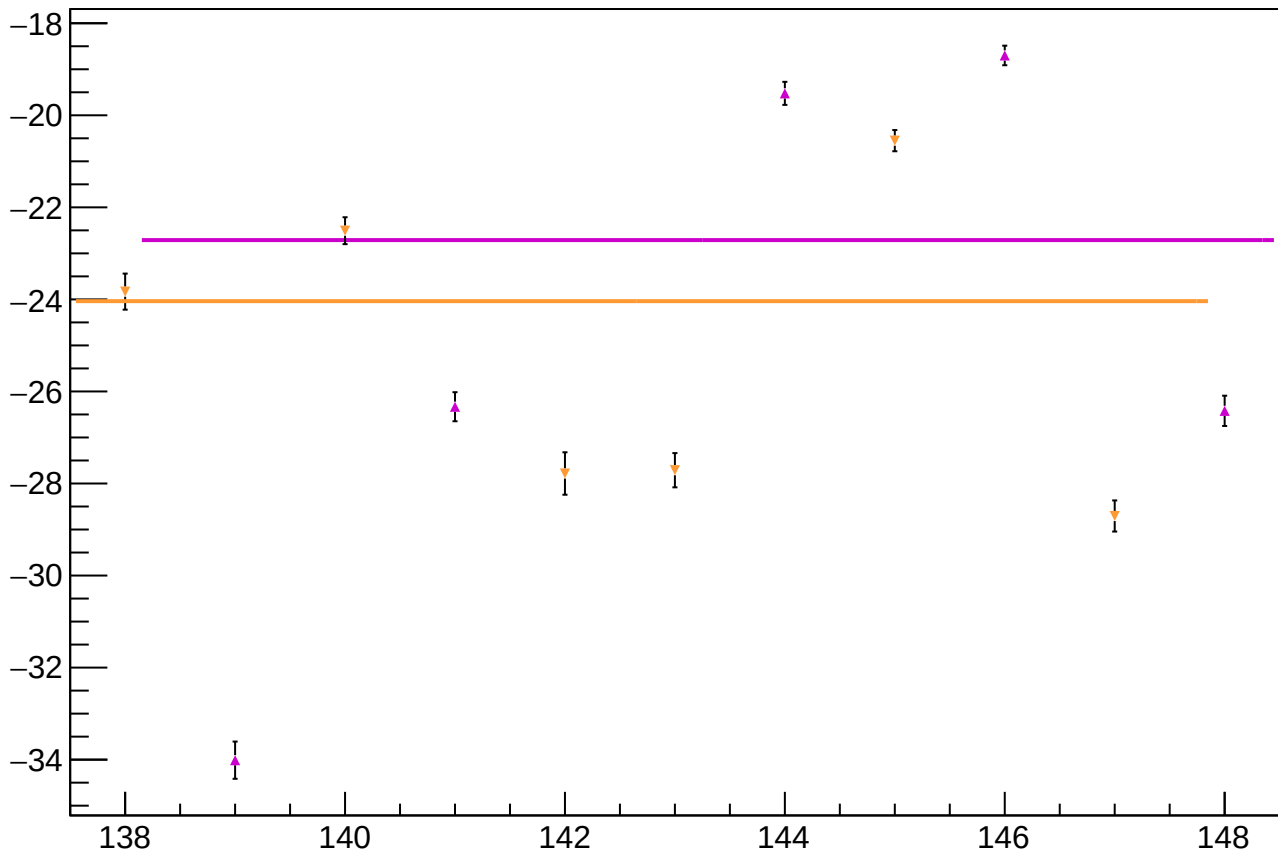
Left In: 1.851+/-0.083 χ^2/NDF :231.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.359+/-0.061 χ^2/NDF : 613.1/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -24.038+/-0.132 χ^2/NDF : 610.8/5

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

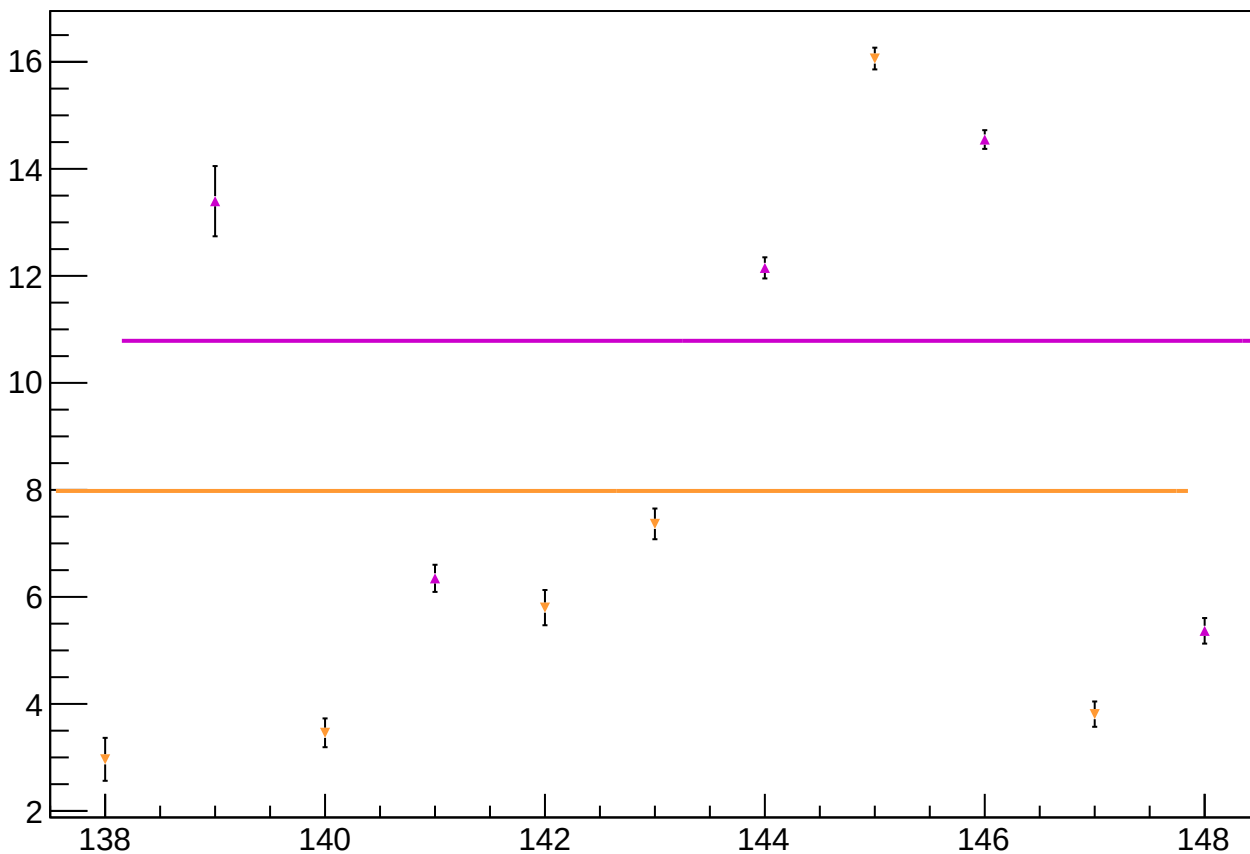
Left In: -22.711+/-0.126 χ^2/NDF : 1557.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.343+/-0.091 χ^2/NDF : 2221.1/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

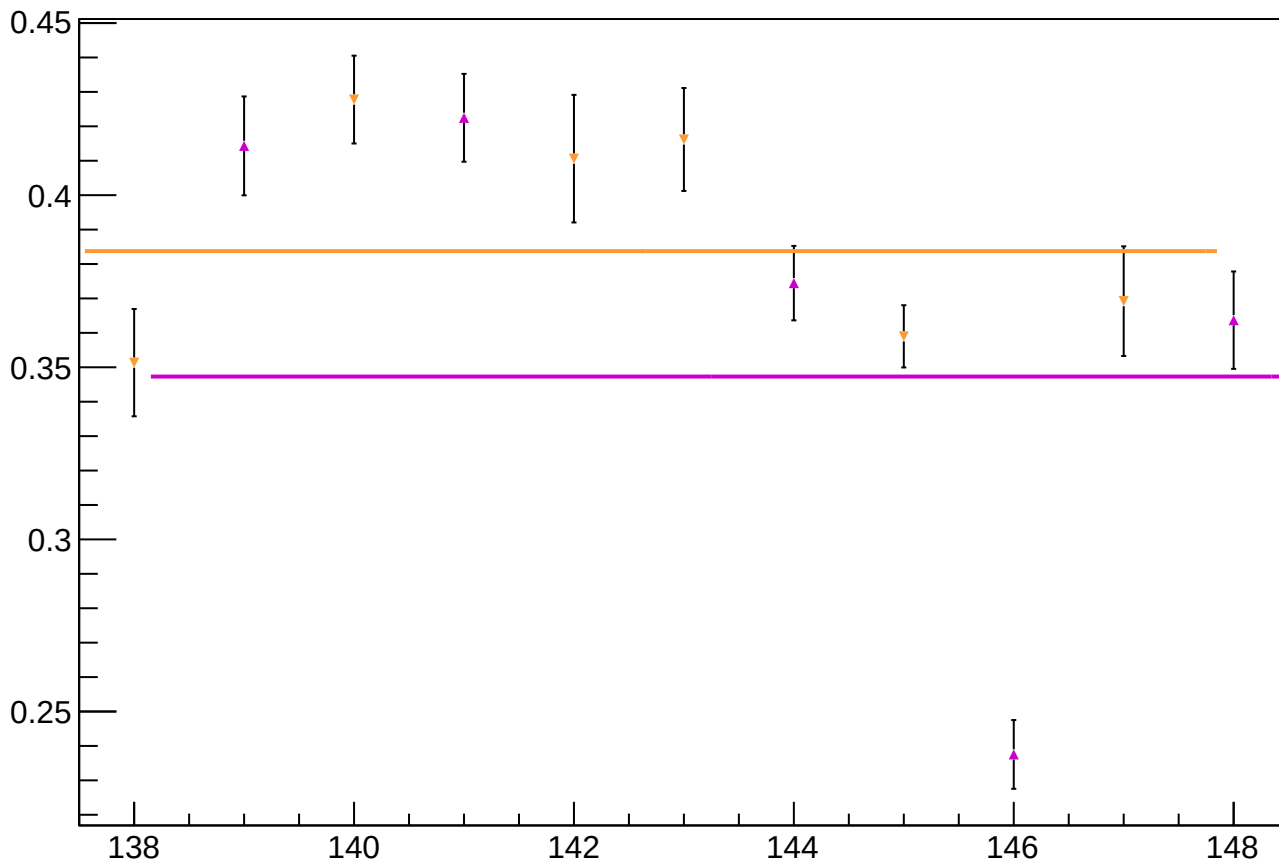
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.980+/-0.109 χ^2/NDF :2379.4/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.786+/-0.103 χ^2/NDF :1346.9/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 9.464+/-0.075 χ^2/NDF : 4073.8/10
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.384 $\pm$ 0.005 χ^2 /NDF:31.4/5

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

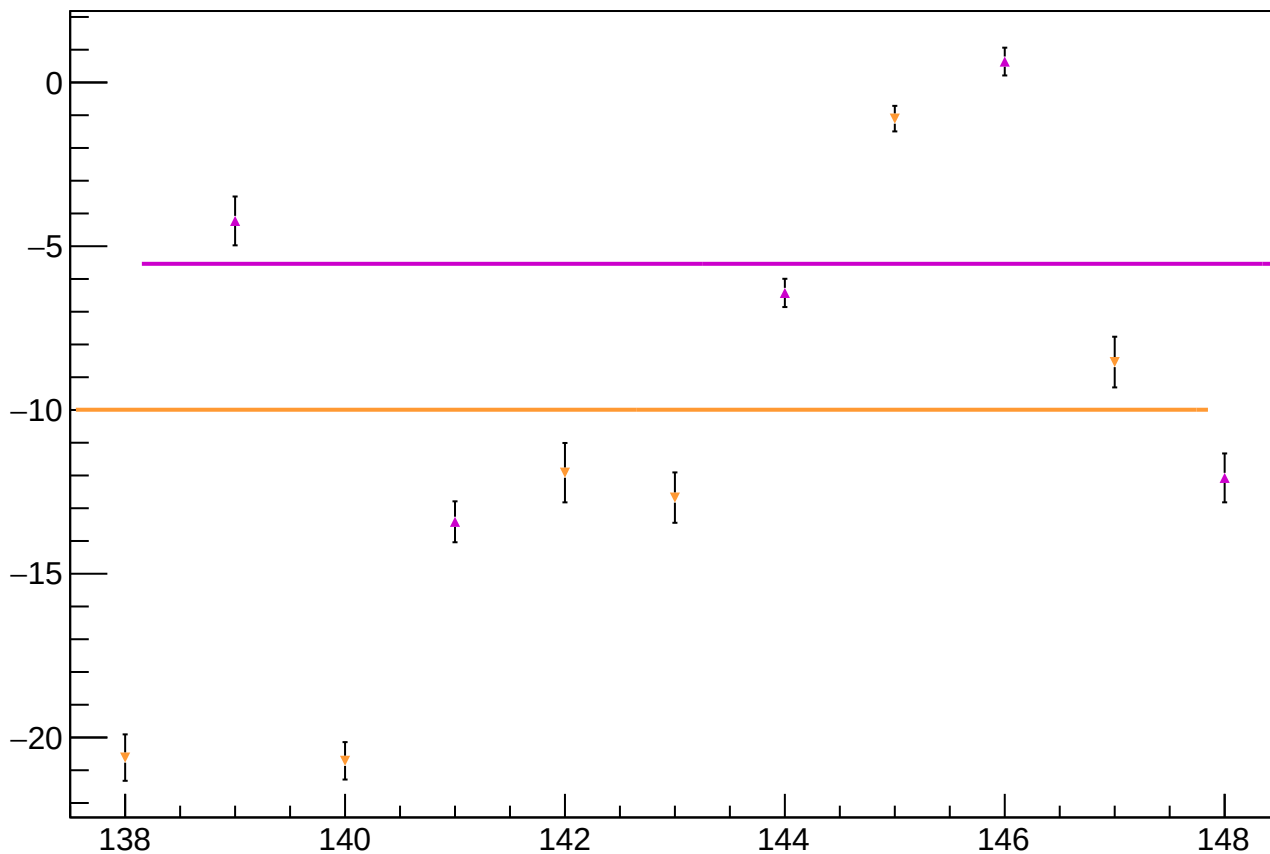
Left In: 0.347 $\pm$ 0.005 χ^2 /NDF:184.9/4

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

All: 0.365 $\pm$ 0.004 χ^2 /NDF: 239.0/10

- 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

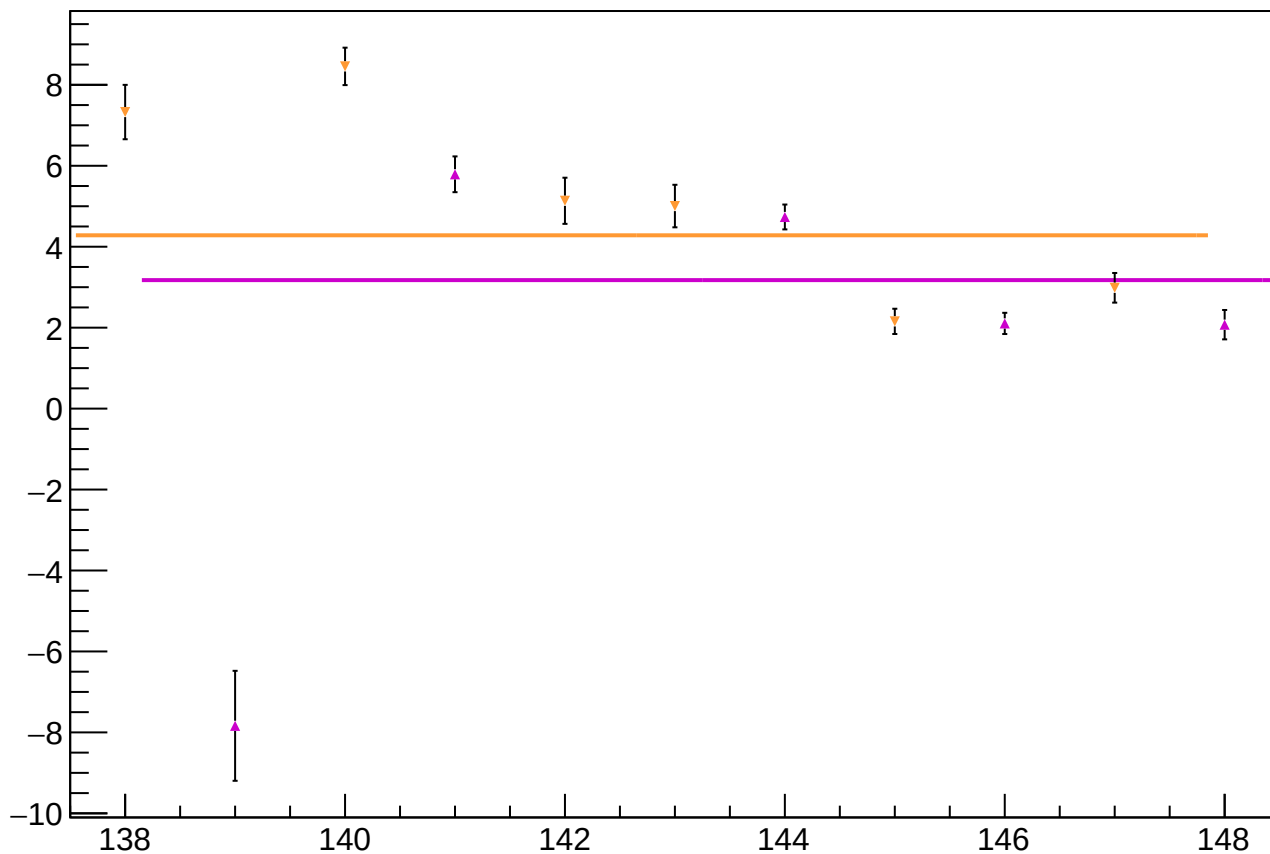
Left In: -5.537 $\pm$ 0.242 χ^2 /NDF:454.7/4

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

All: -7.706 $\pm$ 0.173 χ^2 /NDF: 1735.8/10

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

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 4.282 $\pm$ 0.179 χ^2 /NDF:165.2/5

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

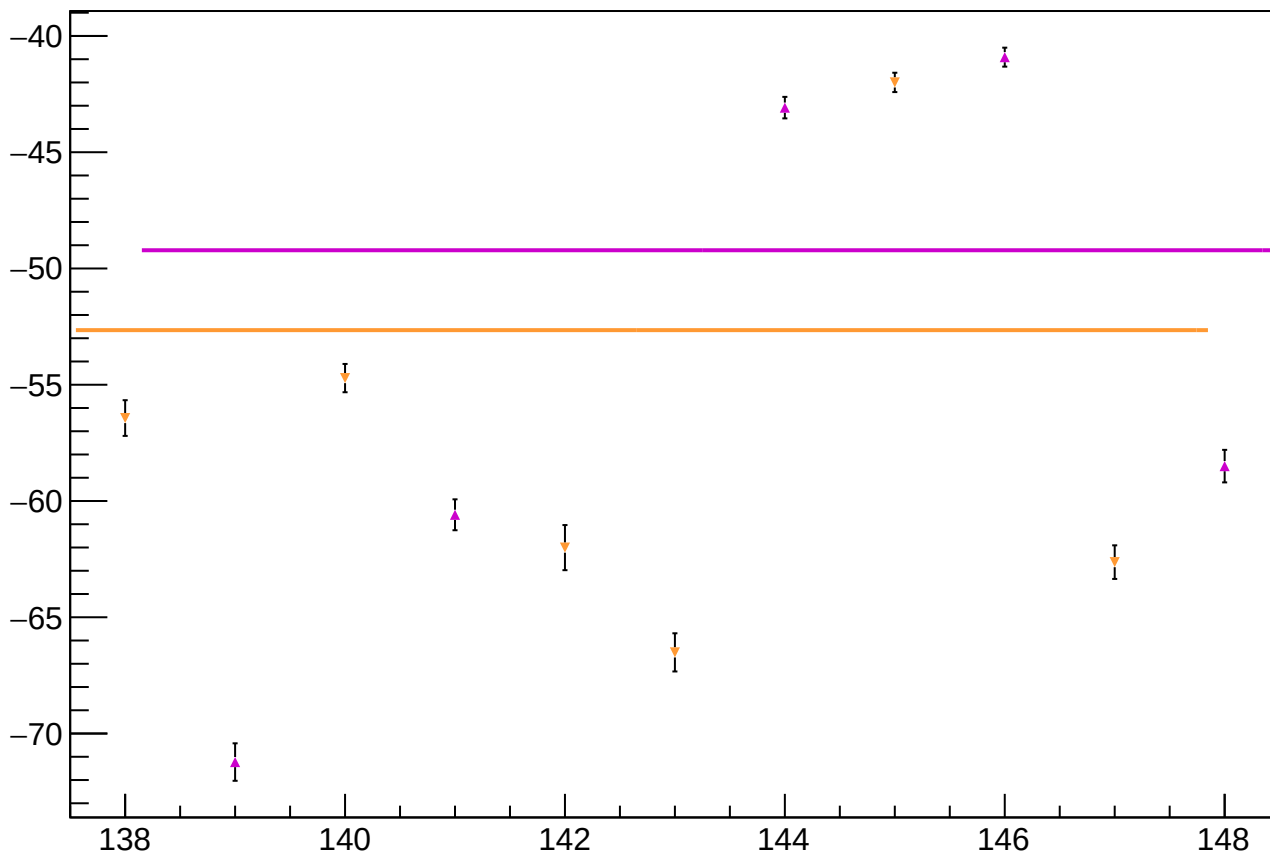
Left In: 3.175 $\pm$ 0.161 χ^2 /NDF:152.4/4

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

All: 3.672 $\pm$ 0.120 χ^2 /NDF: 338.7/10

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

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -52.652+/-0.261 χ^2/NDF : 1260.6/5

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

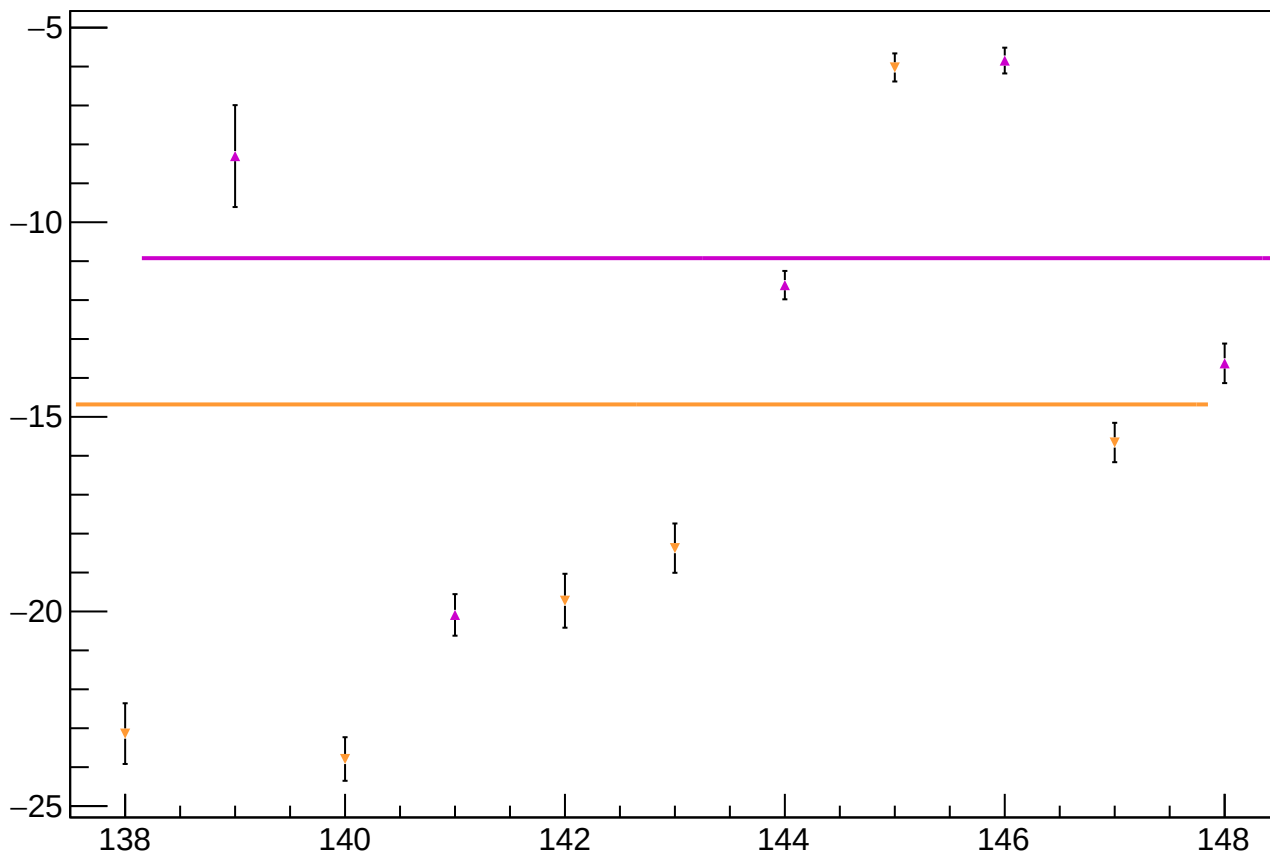
Left In: -49.216+/-0.246 χ^2/NDF : 1805.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.829+/-0.179 χ^2/NDF : 3157.9/10

- 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

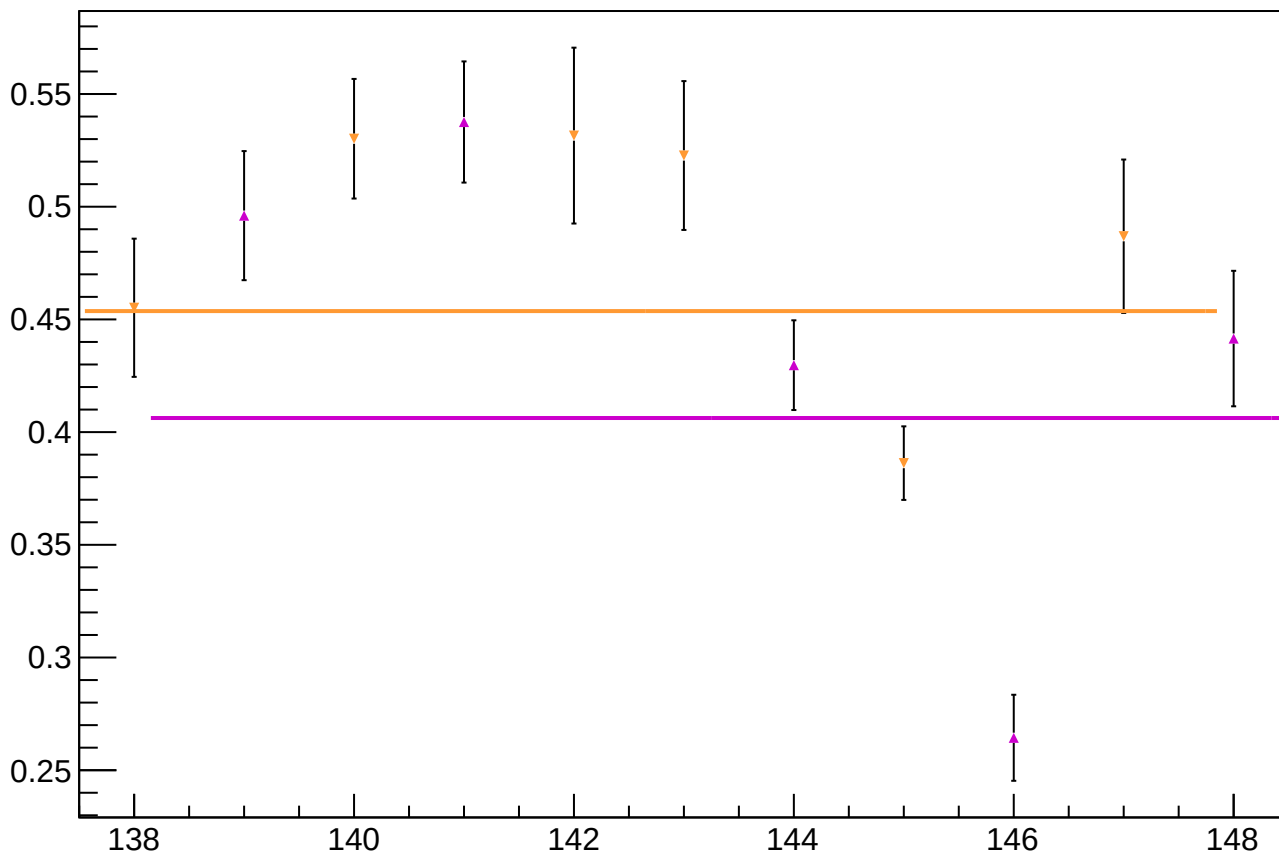
Left In: -10.923 ± 0.202 χ^2/NDF : 565.6/4

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.653 ± 0.148 χ^2/NDF : 1774.2/10

- 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

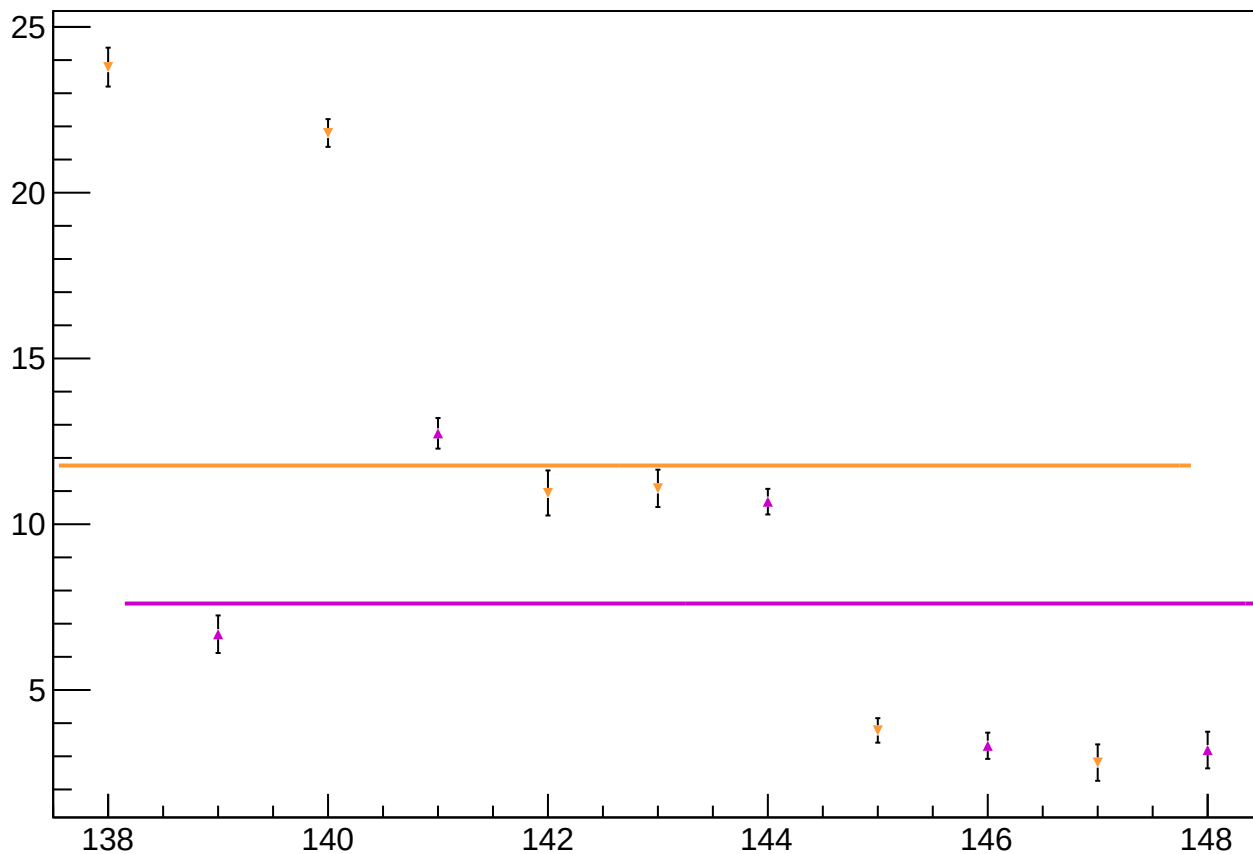
Left In: 0.406 $\pm$ 0.011 χ^2 /NDF: 91.7/4

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

All: 0.430 $\pm$ 0.008 χ^2 /NDF: 136.3/10

- 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

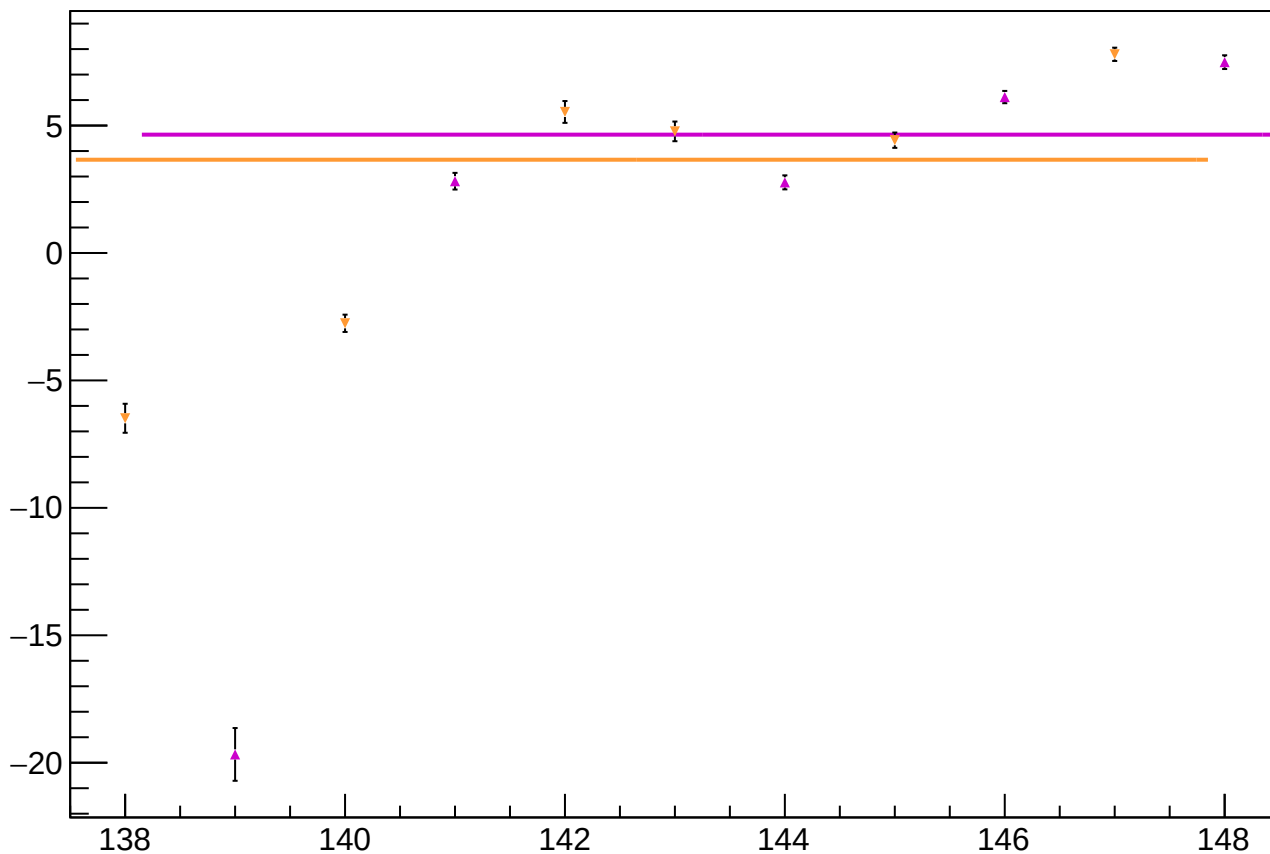
Left In: 7.608+/-0.203 χ^2/NDF :371.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.706+/-0.143 χ^2/NDF : 2314.3/10

- 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

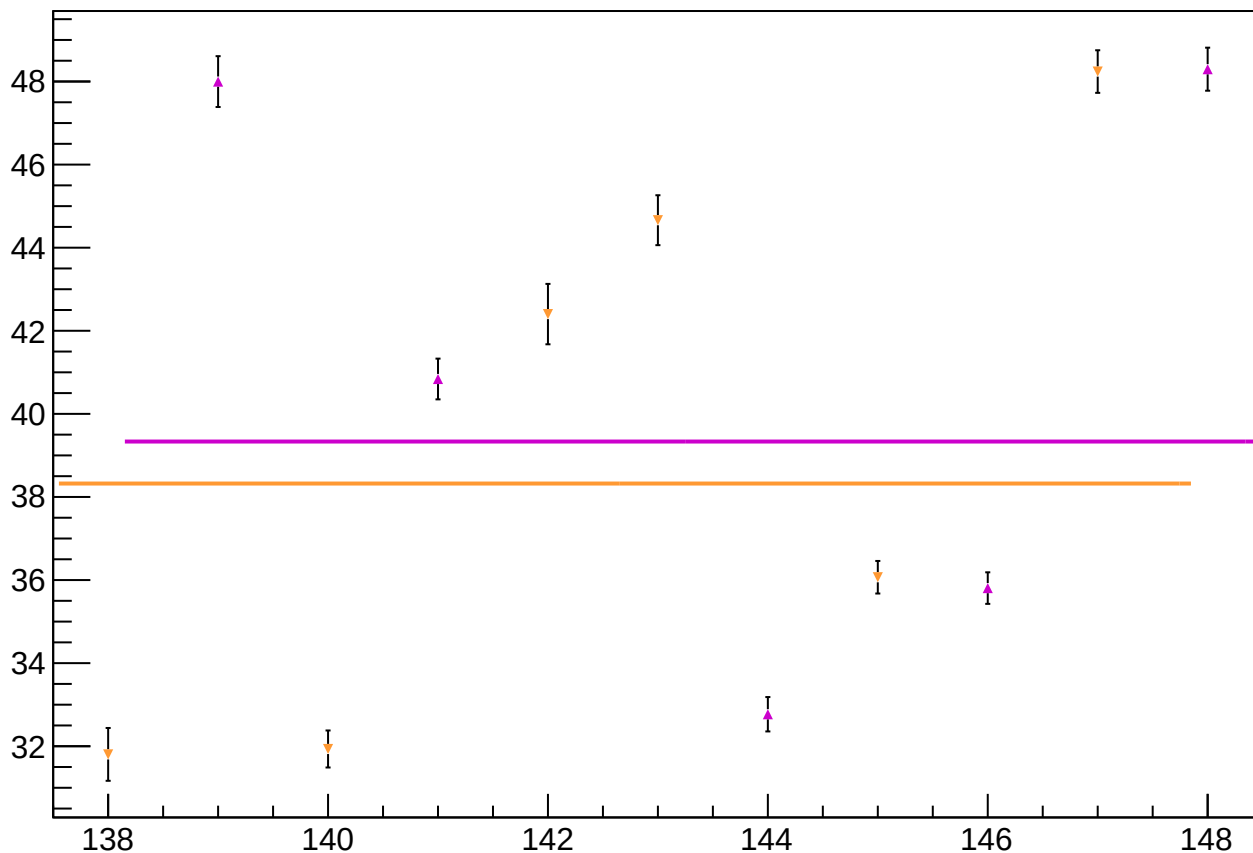
Left In: 4.643+/-0.136 χ^2/NDF : 778.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.174+/-0.098 χ^2/NDF : 1763.5/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

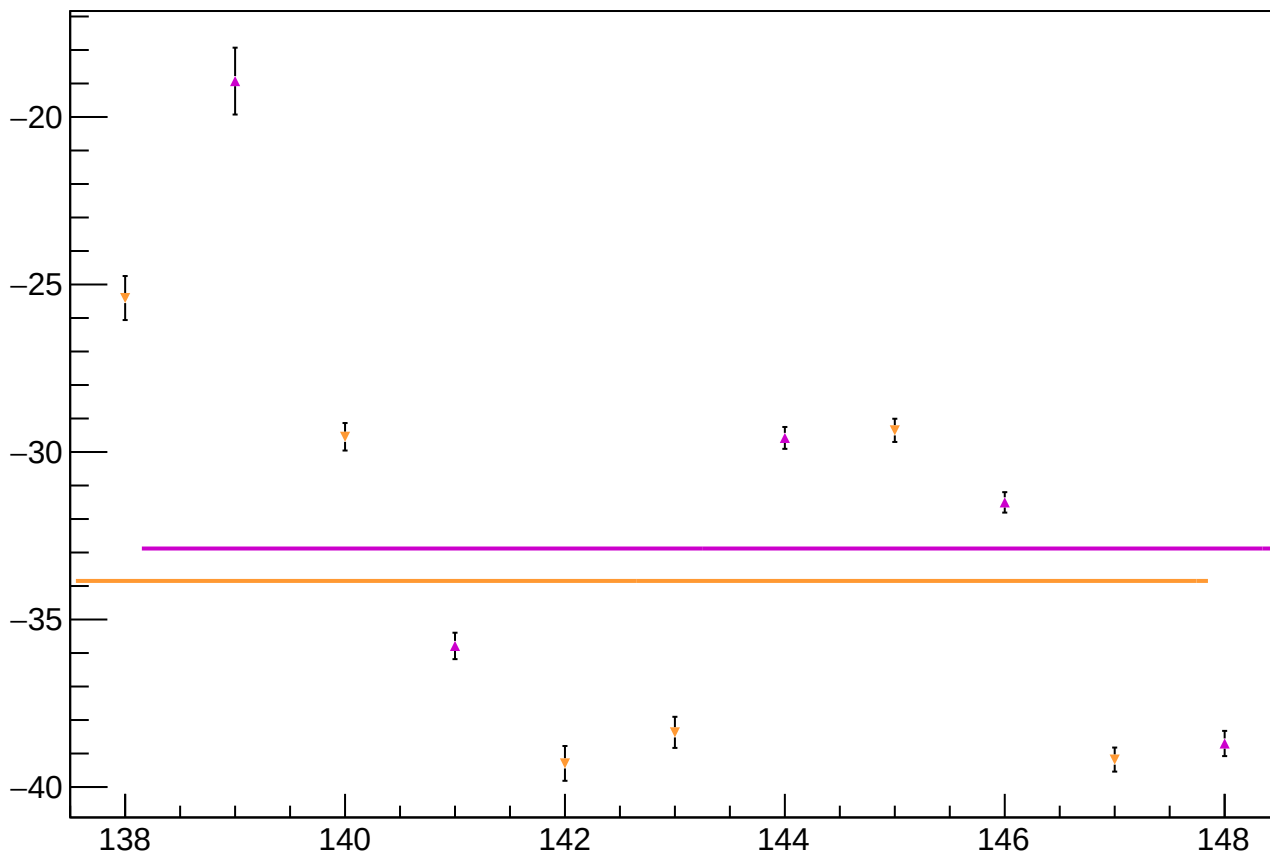
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



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: 39.334+/-0.207 χ^2/NDF : 847.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 38.838+/-0.148 χ^2/NDF : 1720.0/10
 - 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

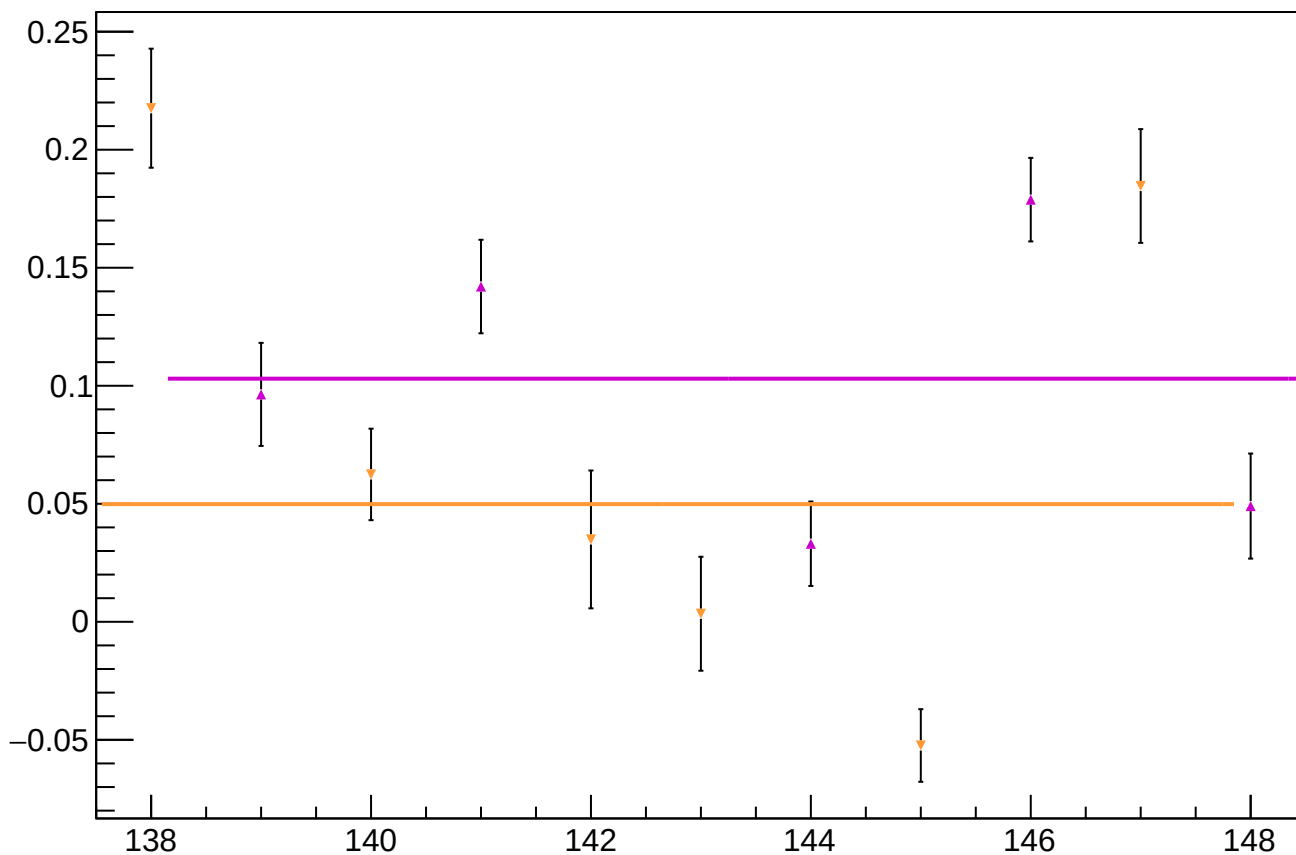
Left In: -32.881+/-0.170 χ^2/NDF : 611.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.350+/-0.122 χ^2/NDF : 1496.1/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.050 $\pm$ 0.009 χ^2 /NDF:124.1/5

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

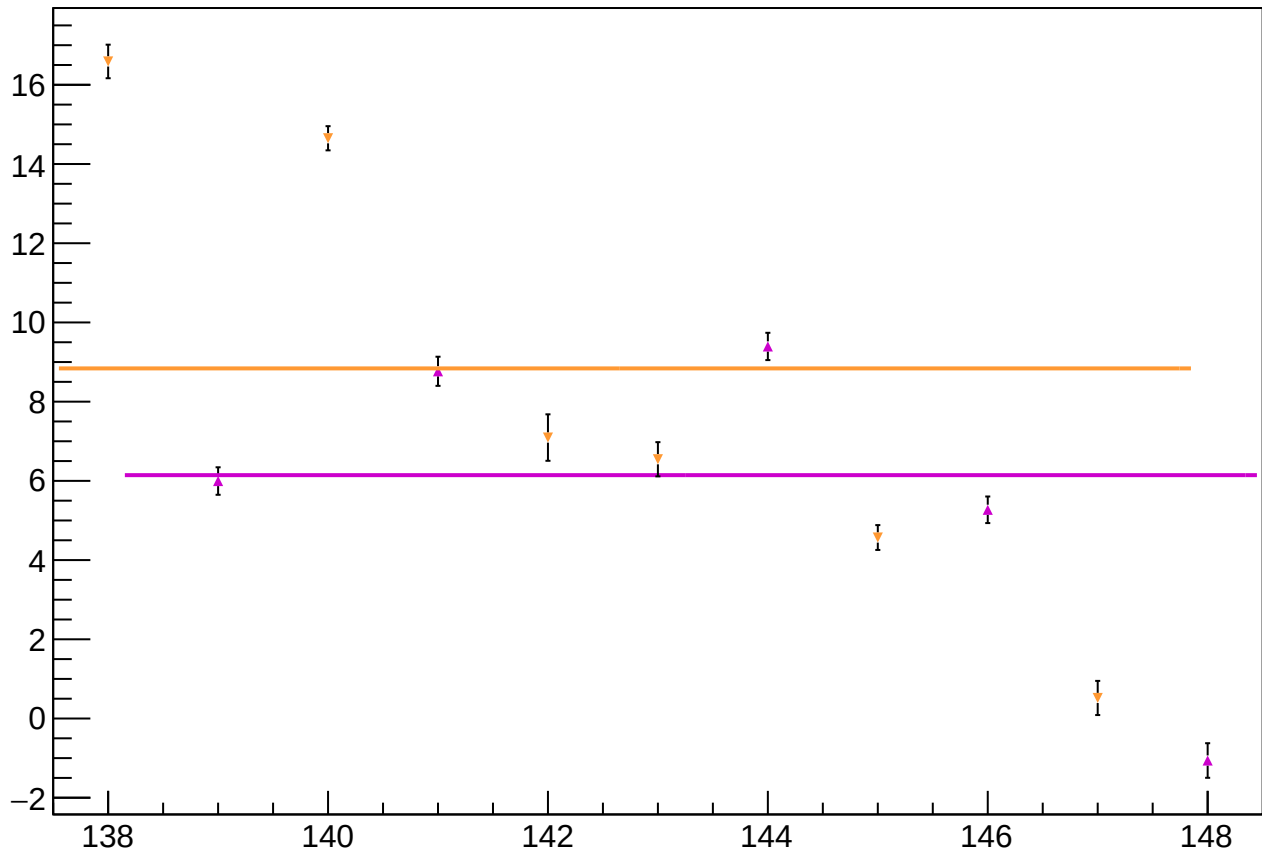
Left In: 0.103 $\pm$ 0.009 χ^2 /NDF:43.5/4

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

All: 0.076 $\pm$ 0.006 χ^2 /NDF: 186.0/10

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

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: 8.840+/-0.158 χ^2/NDF :1291.7/5

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

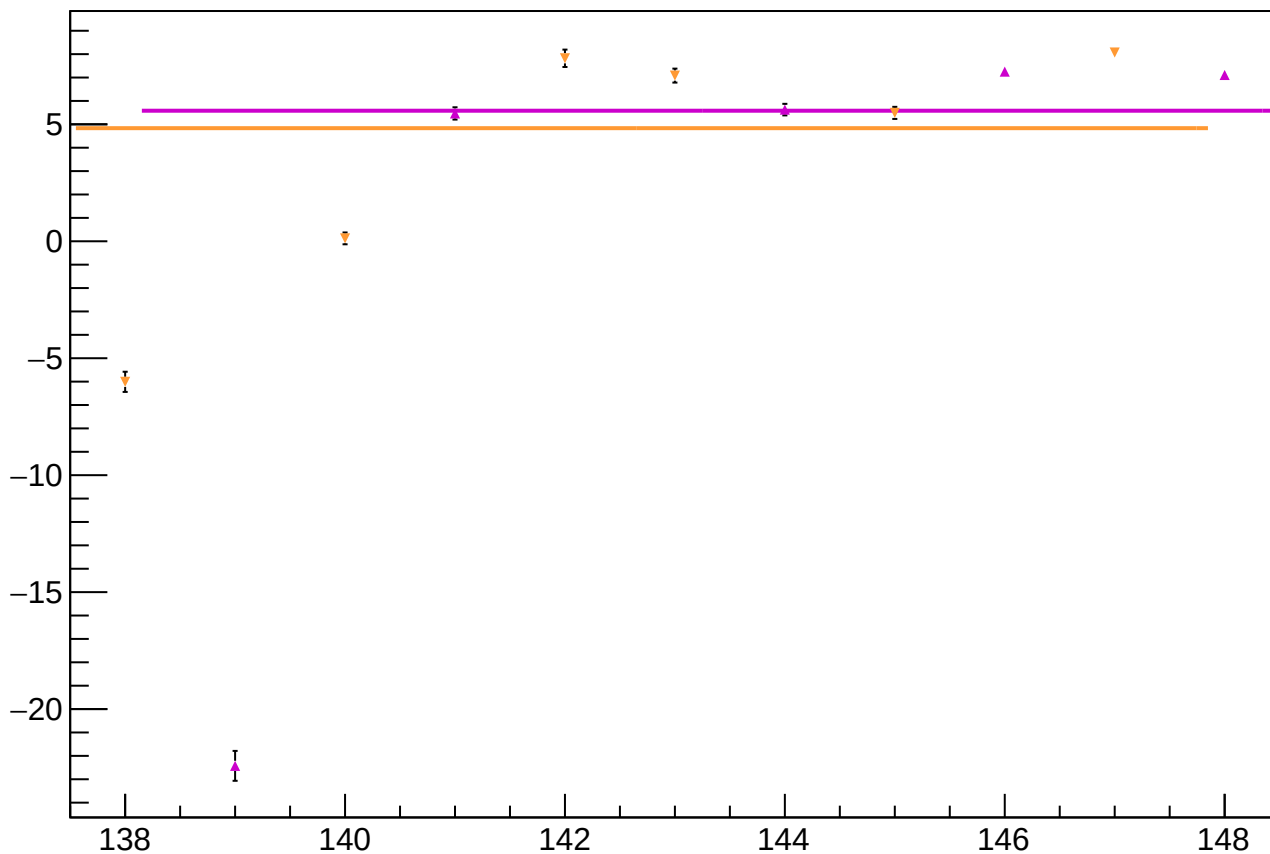
Left In: 6.145+/-0.162 χ^2/NDF :419.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.524+/-0.113 χ^2/NDF : 1853.1/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 4.835+/-0.113 χ^2/NDF :1350.6/5

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

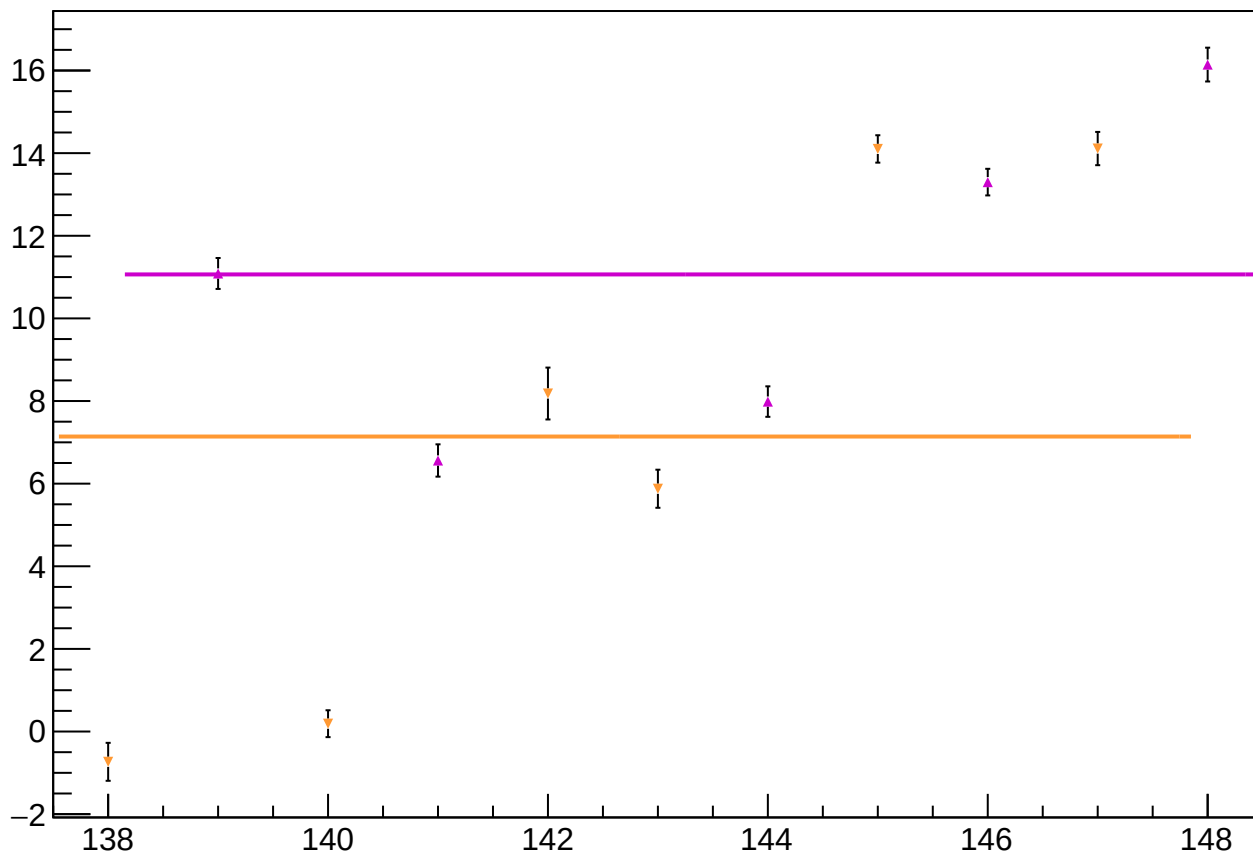
Left In: 5.582+/-0.114 χ^2/NDF :2033.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.206+/-0.080 χ^2/NDF : 3405.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

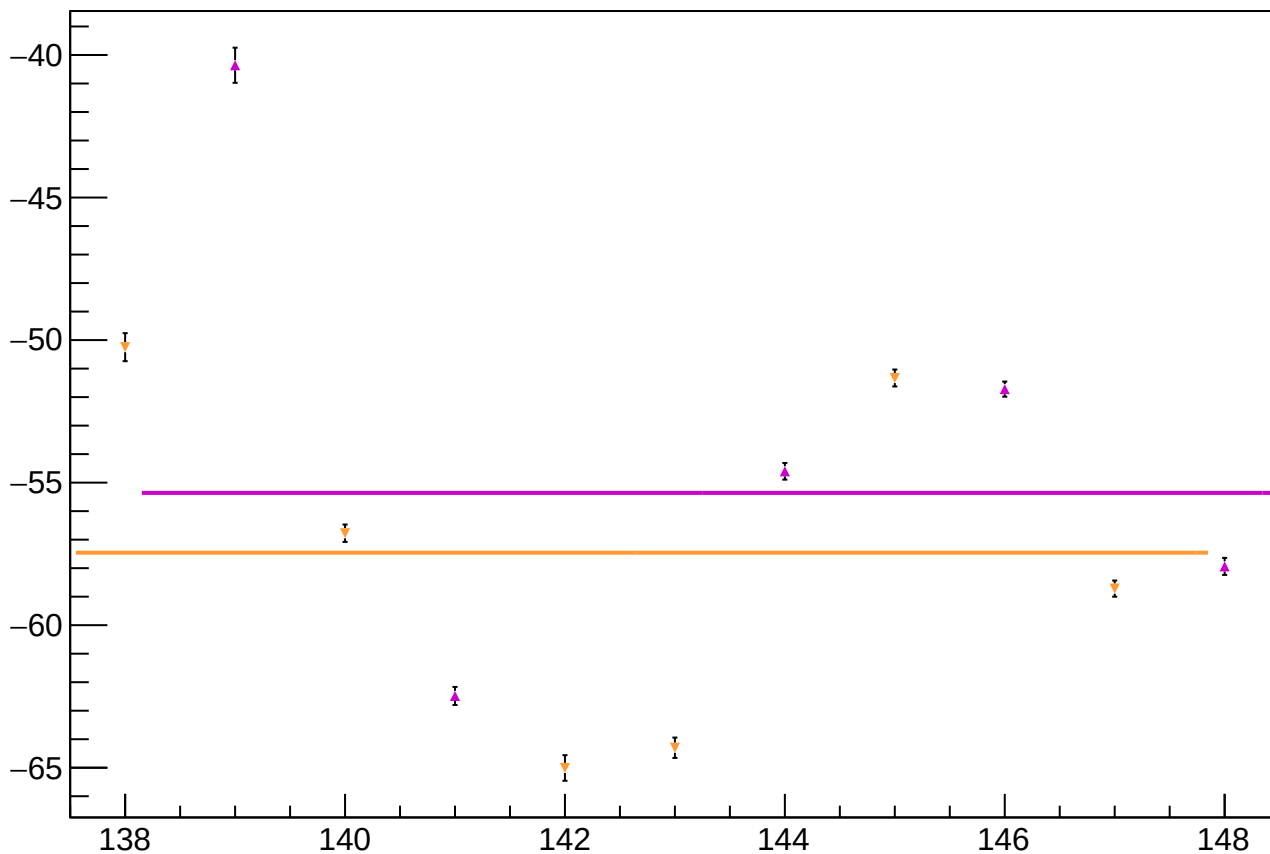
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.140+/-0.165 χ^2/NDF : 1501.0/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.064+/-0.165 χ^2/NDF : 404.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 9.100+/-0.117 χ^2/NDF : 2187.5/10
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.457+/-0.139 χ^2/NDF :1313.0/5

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

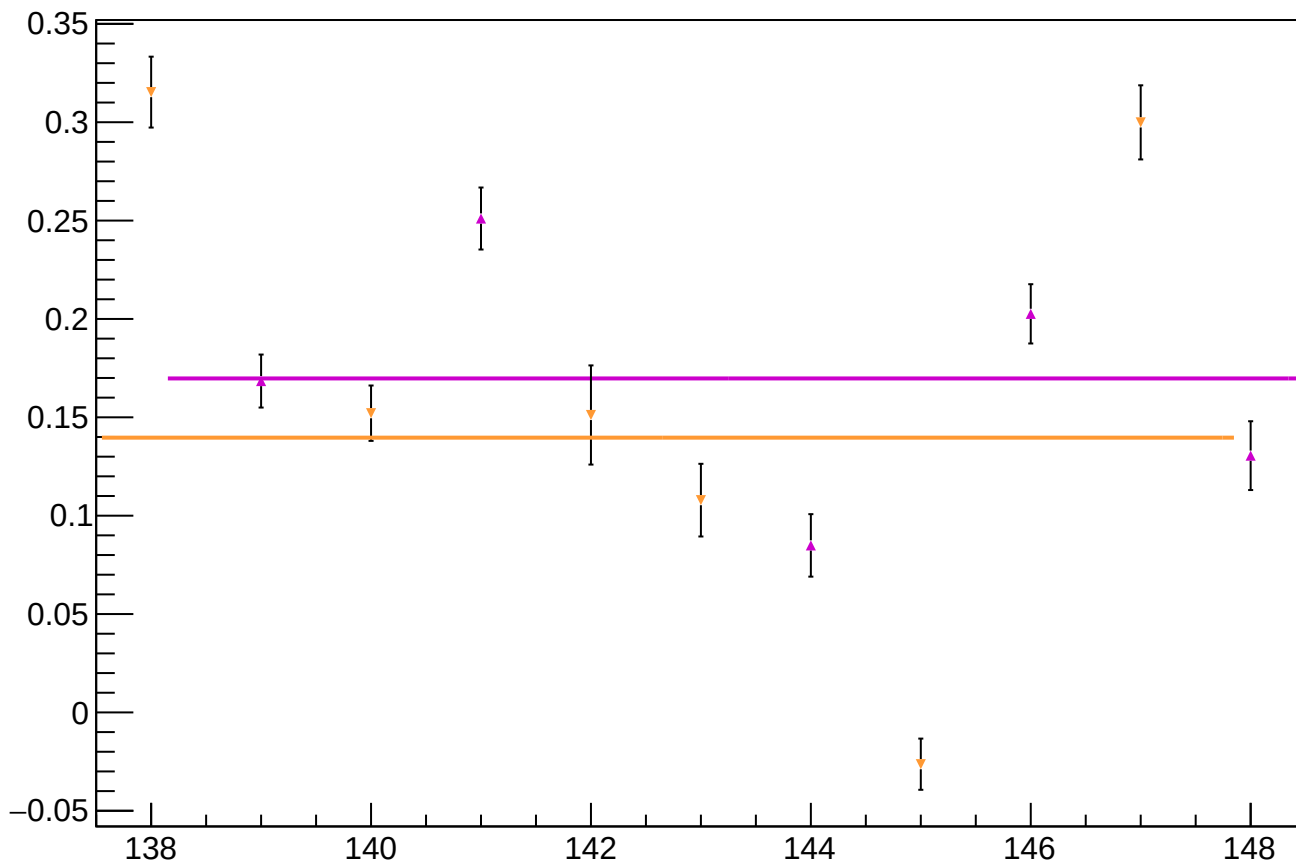
Left In: -55.360+/-0.142 χ^2/NDF :1370.5/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.425+/-0.099 χ^2/NDF : 2794.9/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.140 $\pm$ 0.007 χ^2 /NDF:334.1/5

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

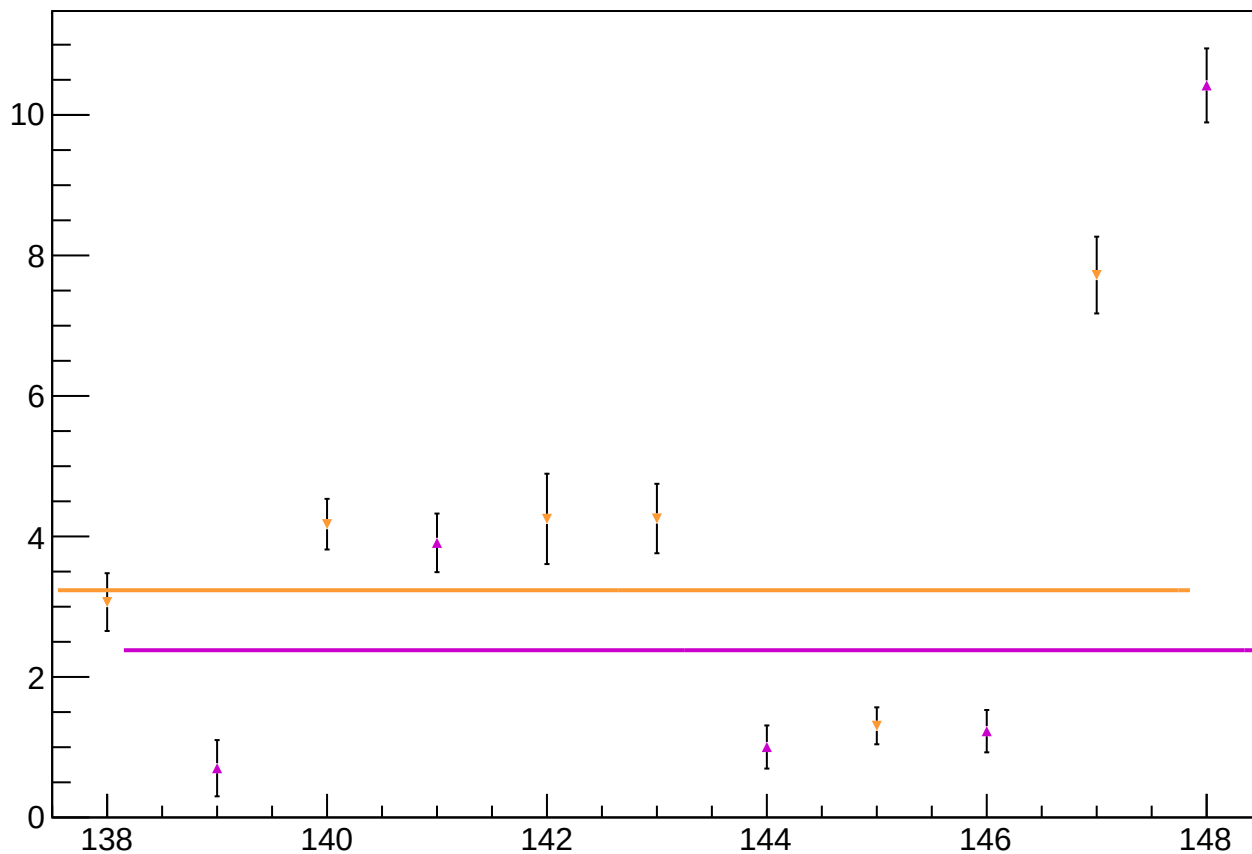
Left In: 0.170 $\pm$ 0.007 χ^2 /NDF:64.9/4

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

All: 0.155 $\pm$ 0.005 χ^2 /NDF: 408.7/10

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

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 3.234 $\pm$ 0.162 χ^2 /NDF:135.0/5

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

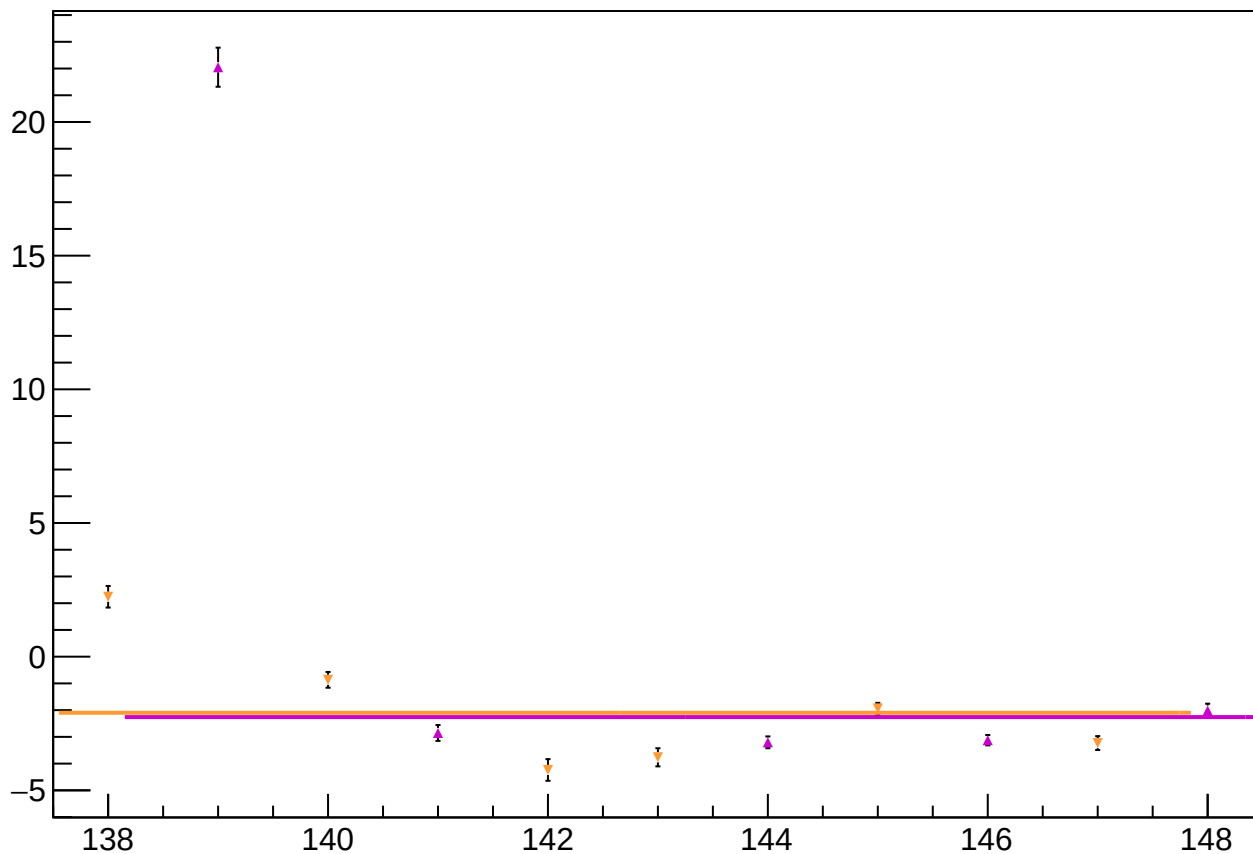
Left In: 2.380 $\pm$ 0.164 χ^2 /NDF:298.8/4

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

All: 2.812 $\pm$ 0.115 χ^2 /NDF: 447.5/10

- 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

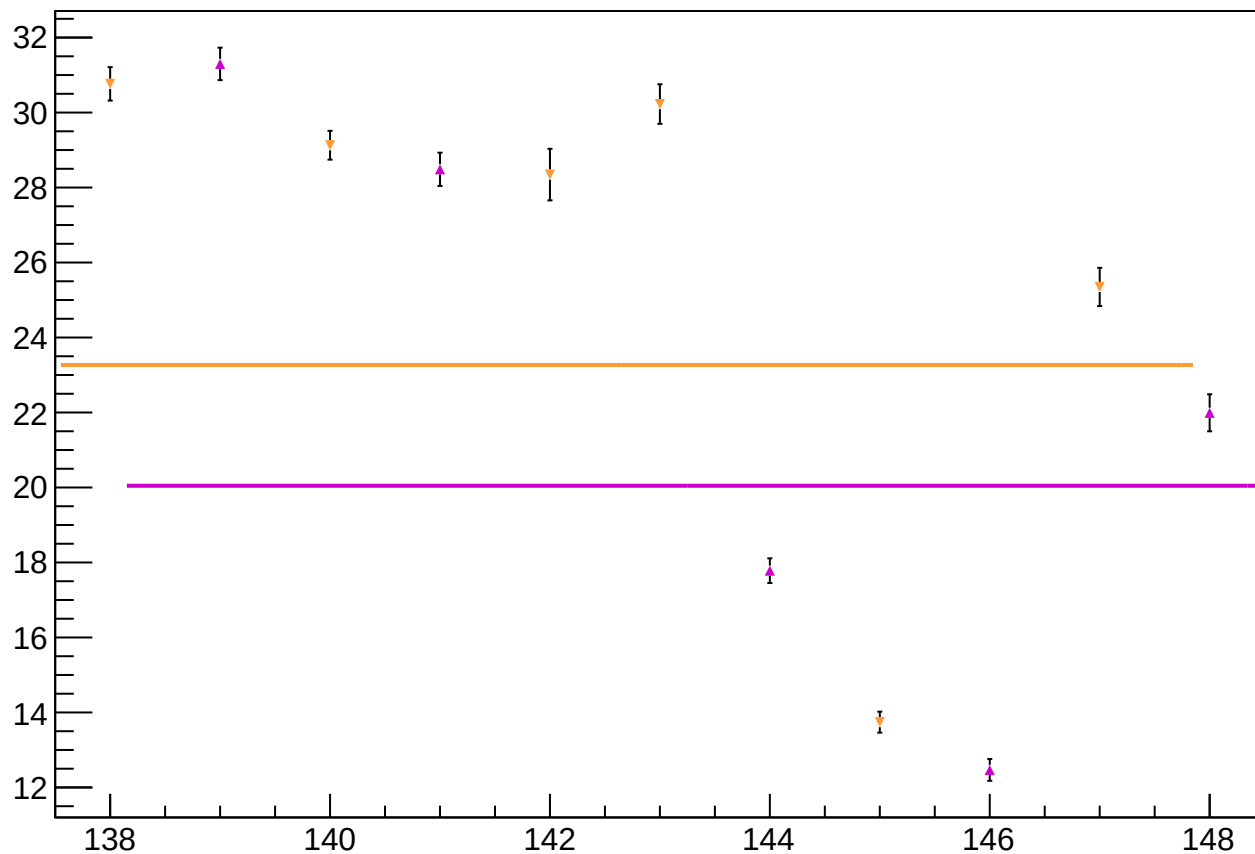
Left In: -2.260+/-0.115 χ^2/NDF : 1148.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.182+/-0.083 χ^2/NDF : 1353.9/10

- 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

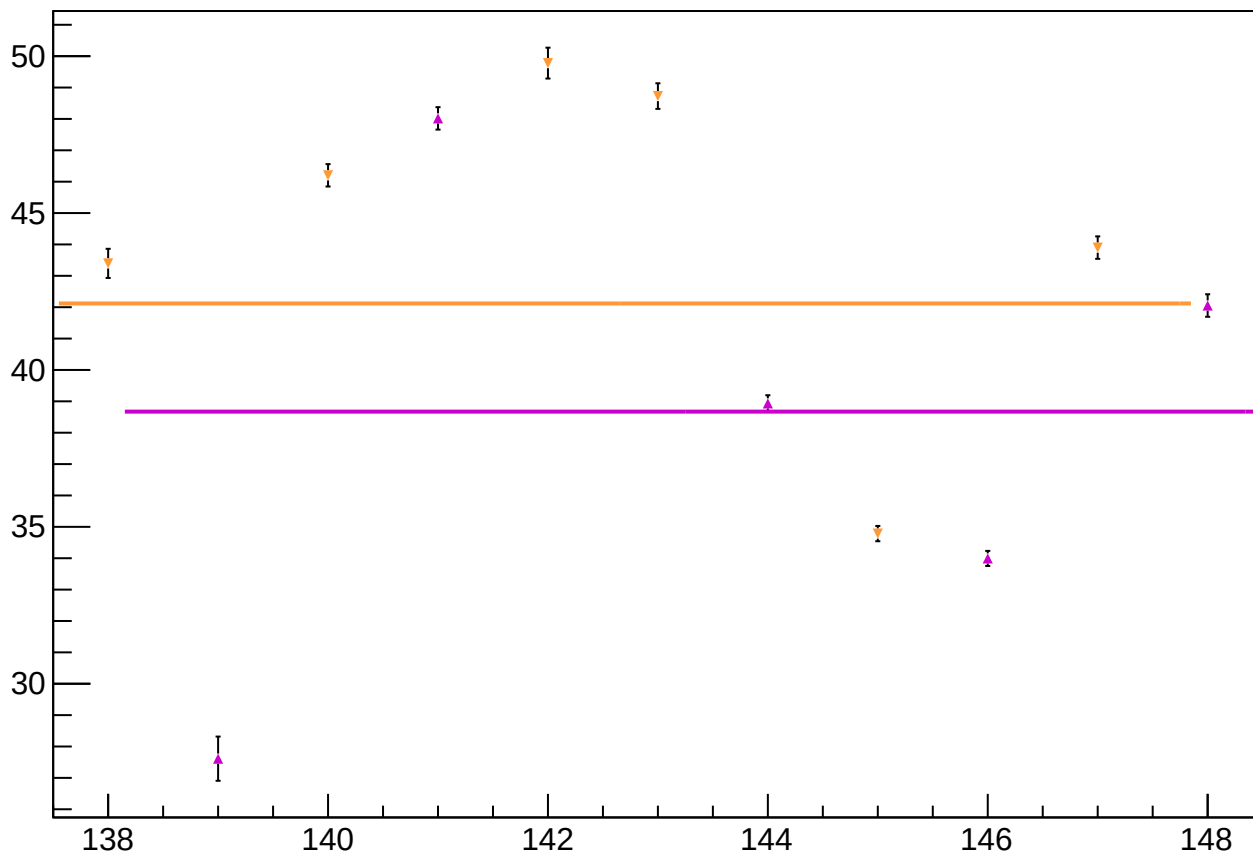
Left In: 20.047+/-0.168 χ^2/NDF :1783.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.621+/-0.120 χ^2/NDF : 3880.0/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 42.119+/-0.145 χ^2/NDF :1571.8/5

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

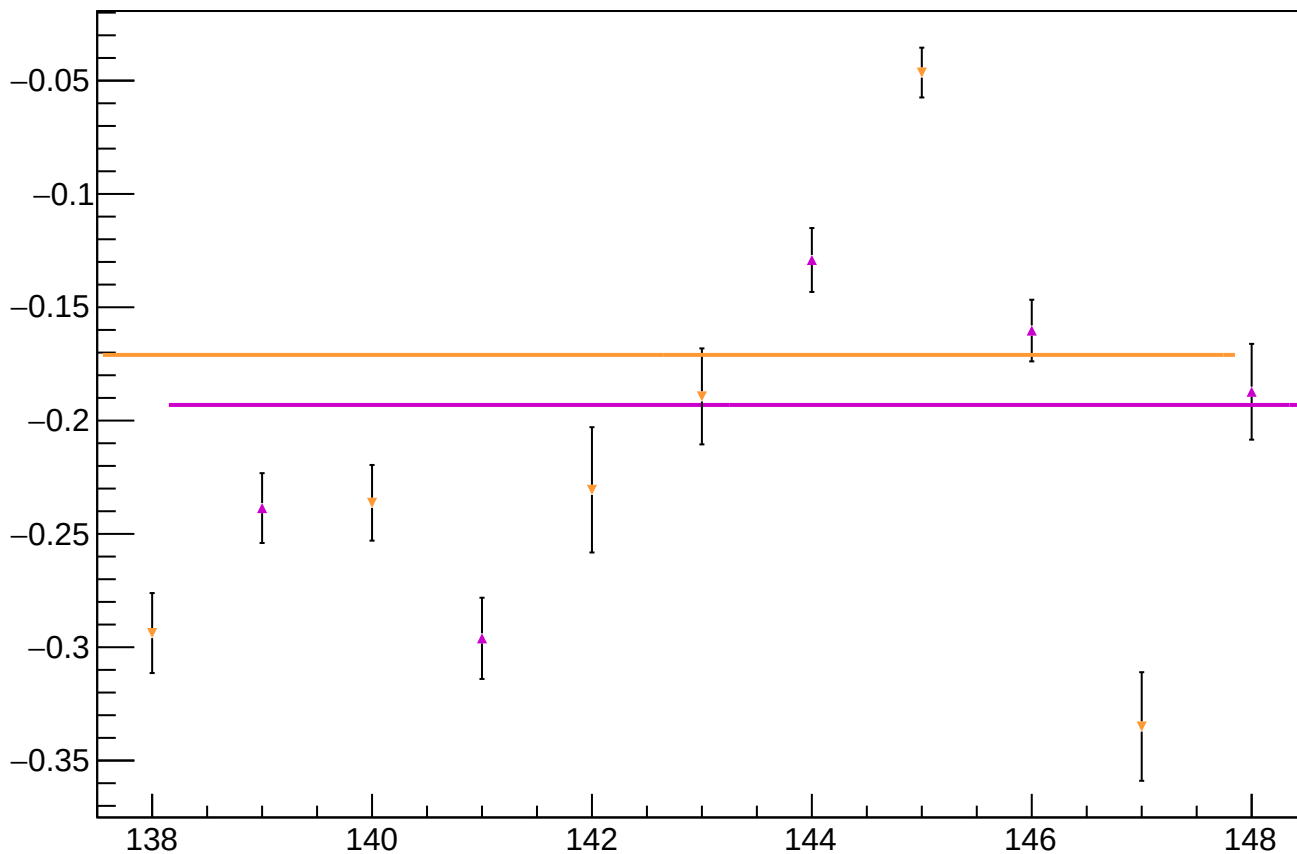
Left In: 38.672+/-0.142 χ^2/NDF :1397.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.354+/-0.102 χ^2/NDF : 3256.7/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

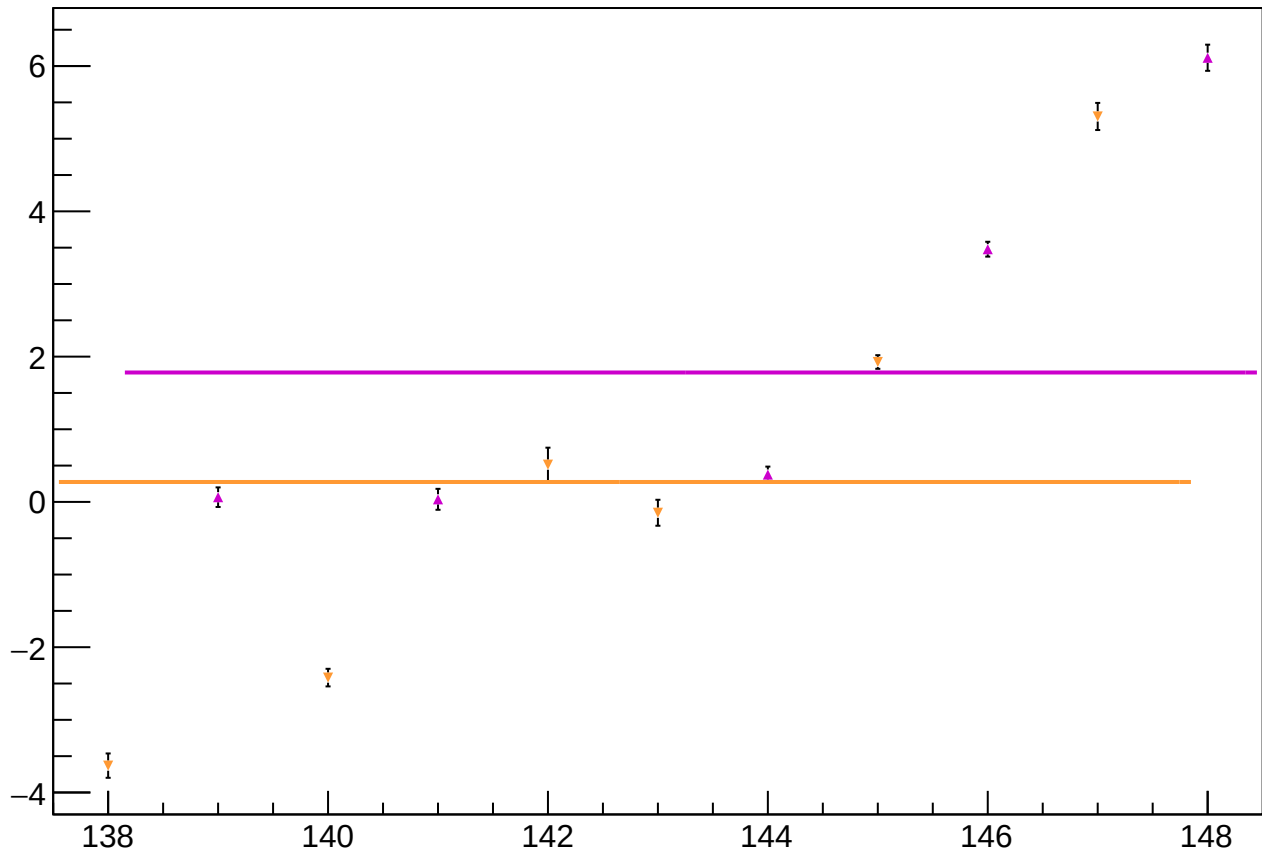
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.171+/-0.007 χ^2/NDF : 244.5/5
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.193+/-0.007 χ^2/NDF : 68.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.182+/-0.005 χ^2/NDF : 317.7/10
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

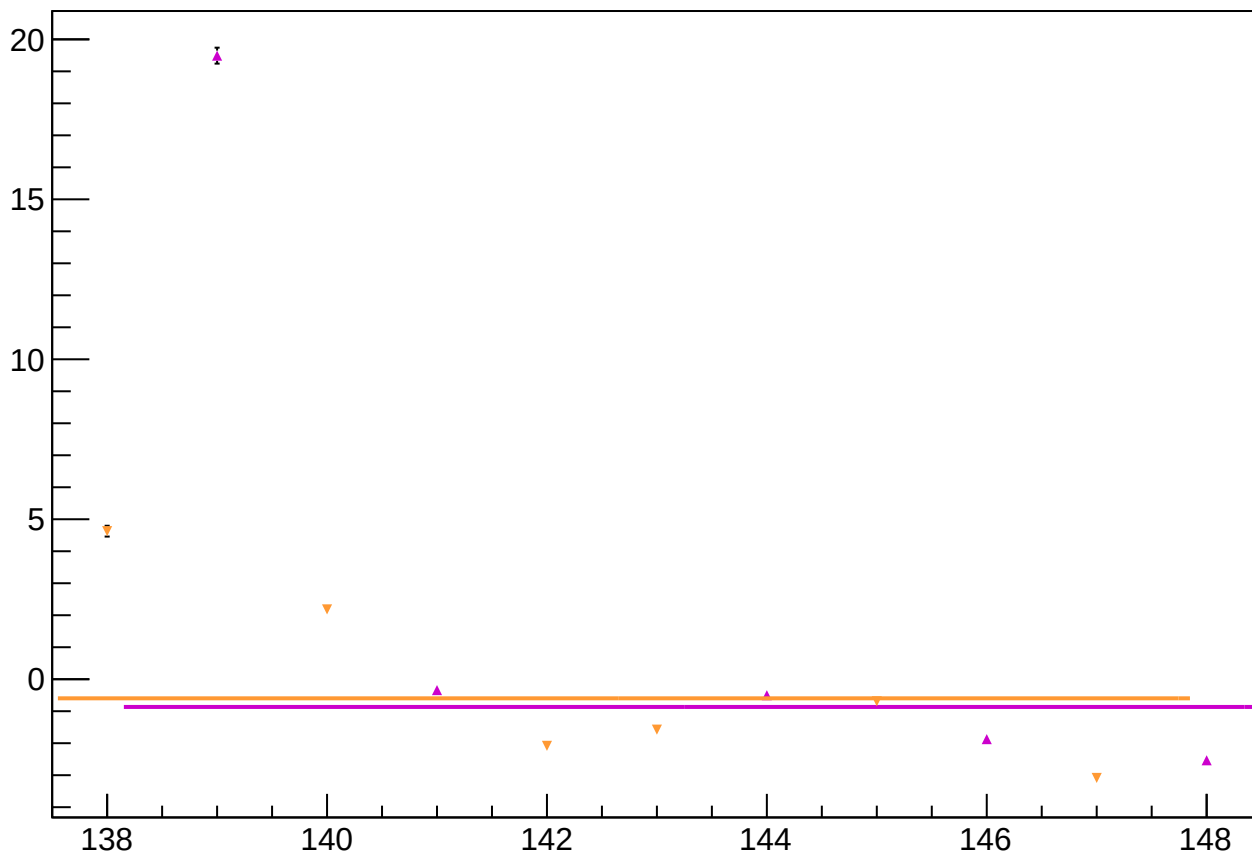
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 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: 1.782 $\pm$ 0.057 χ^2 /NDF:1328.5/4

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 1.050 $\pm$ 0.041 χ^2 /NDF: 3754.1/10
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

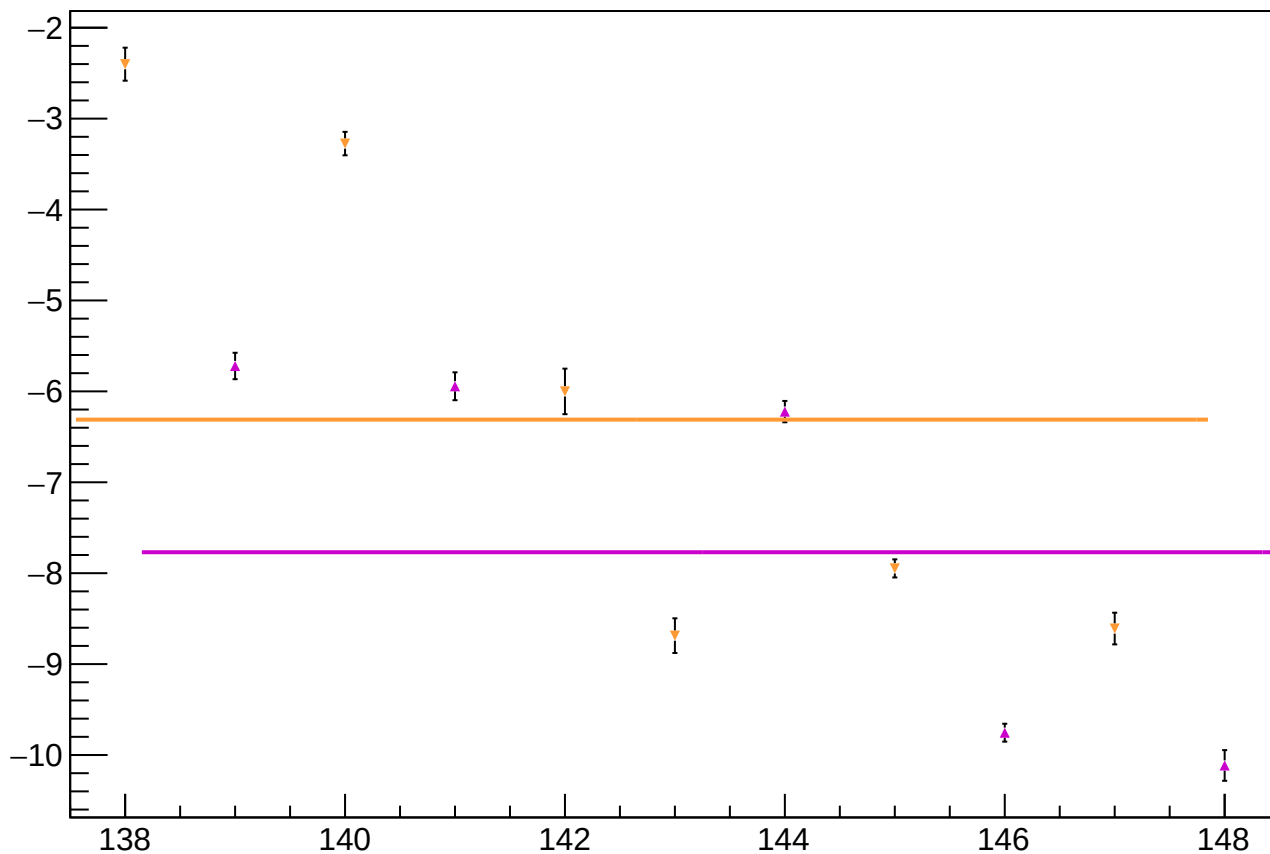
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



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: -0.867+/-0.040 χ^2/NDF : 7300.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.741+/-0.029 χ^2/NDF : 9985.7/10
 - 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

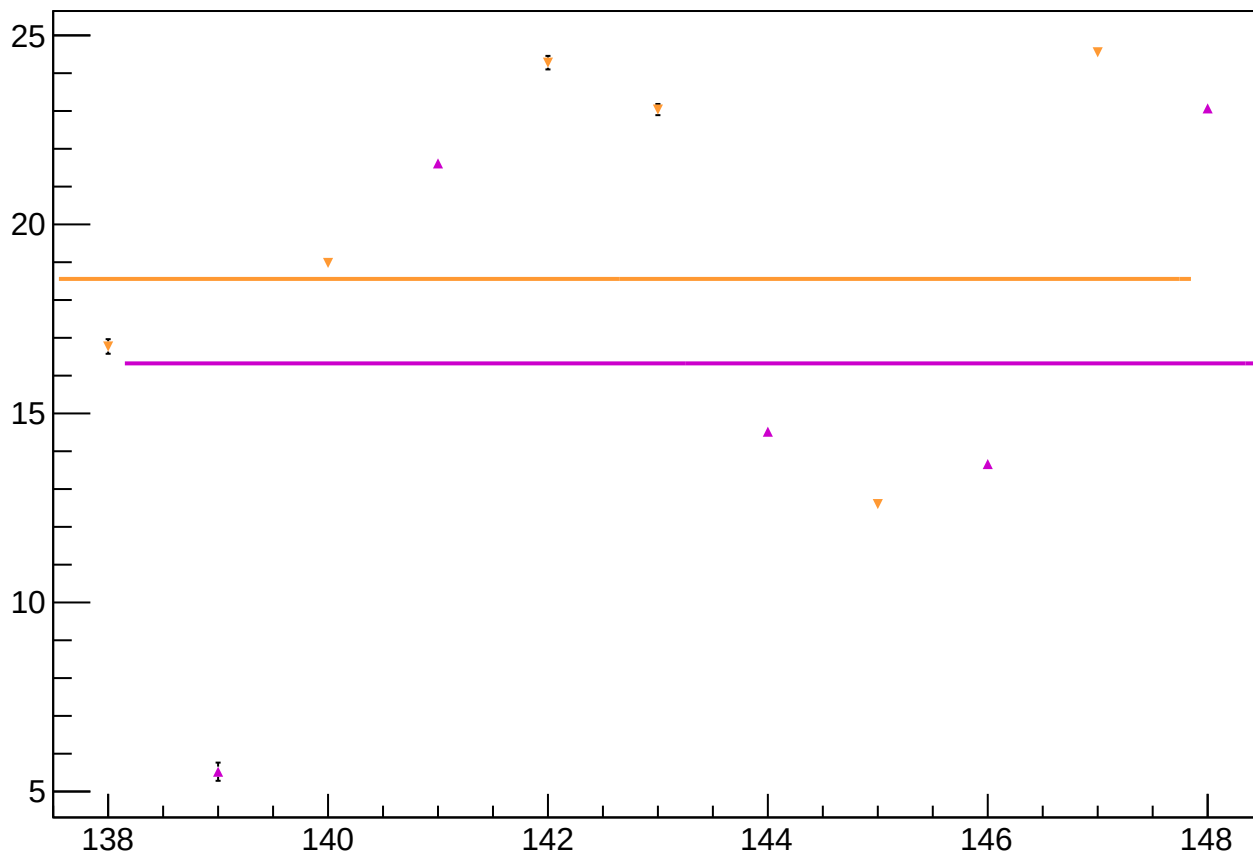
Left In: -7.769+/-0.058 χ^2/NDF : 1113.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.083+/-0.042 χ^2/NDF : 3032.5/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

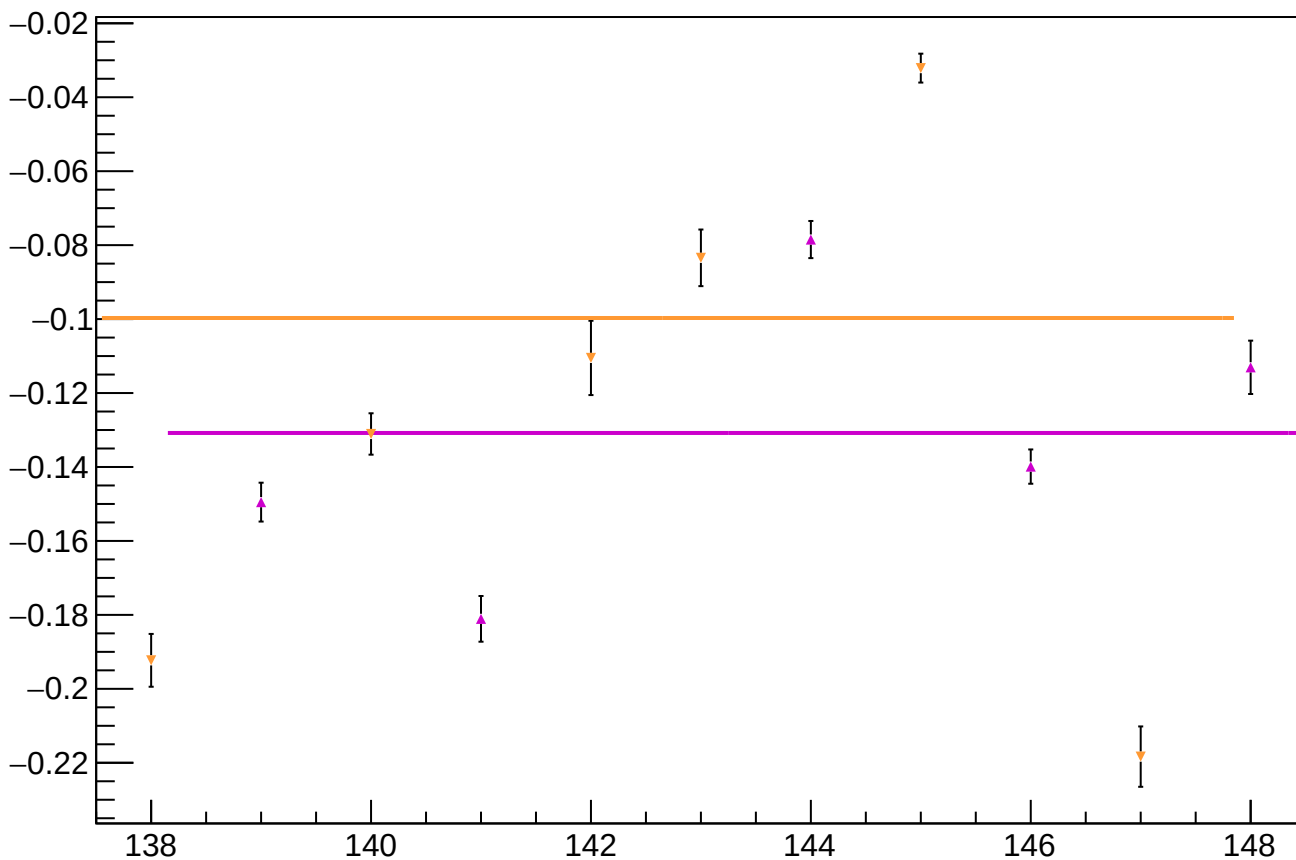
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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: 16.324+/-0.049 χ^2/NDF : 8261.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 17.377+/-0.036 χ^2/NDF : 18213.9/10
 - 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

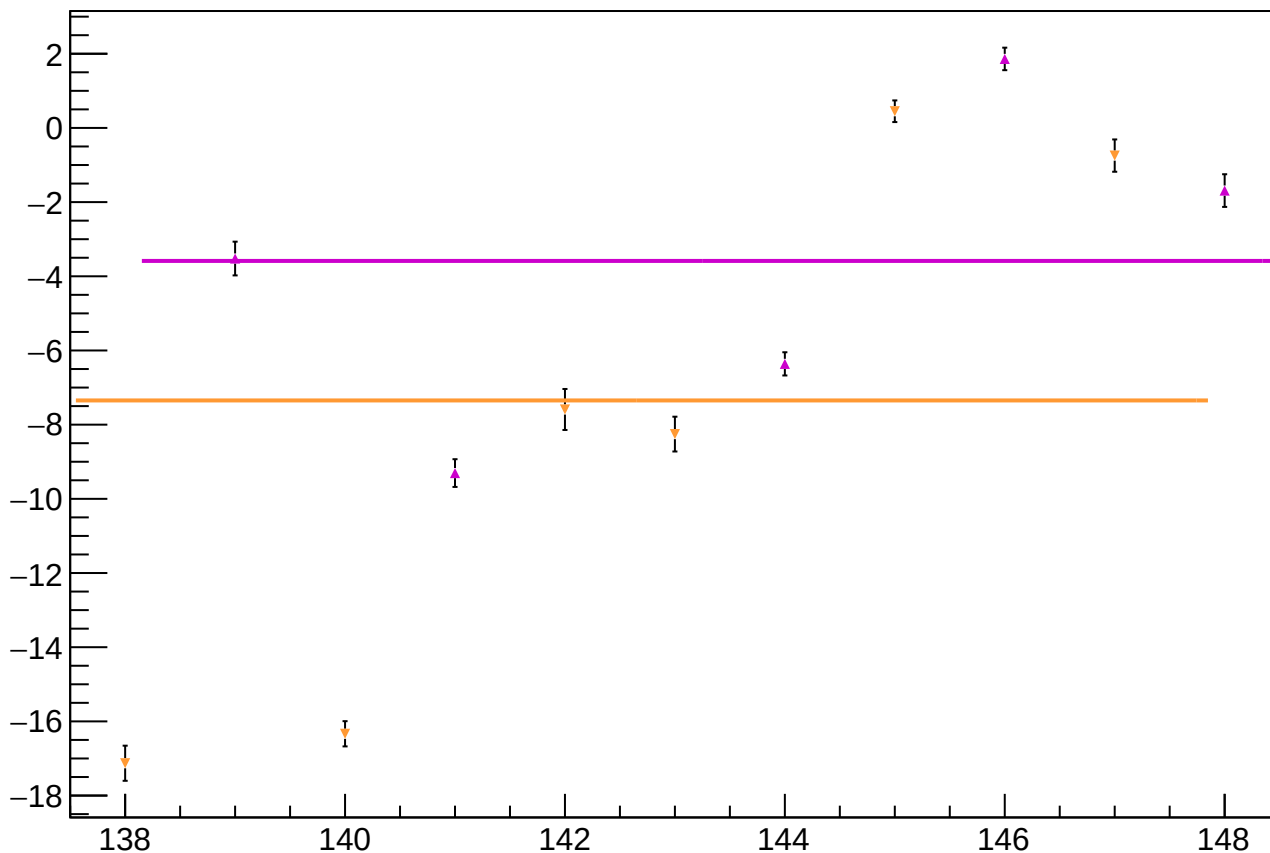
Left In: -0.131 $\pm$ 0.002 χ^2 /NDF: 197.3/4

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

All: -0.116 $\pm$ 0.002 χ^2 /NDF: 991.6/10

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

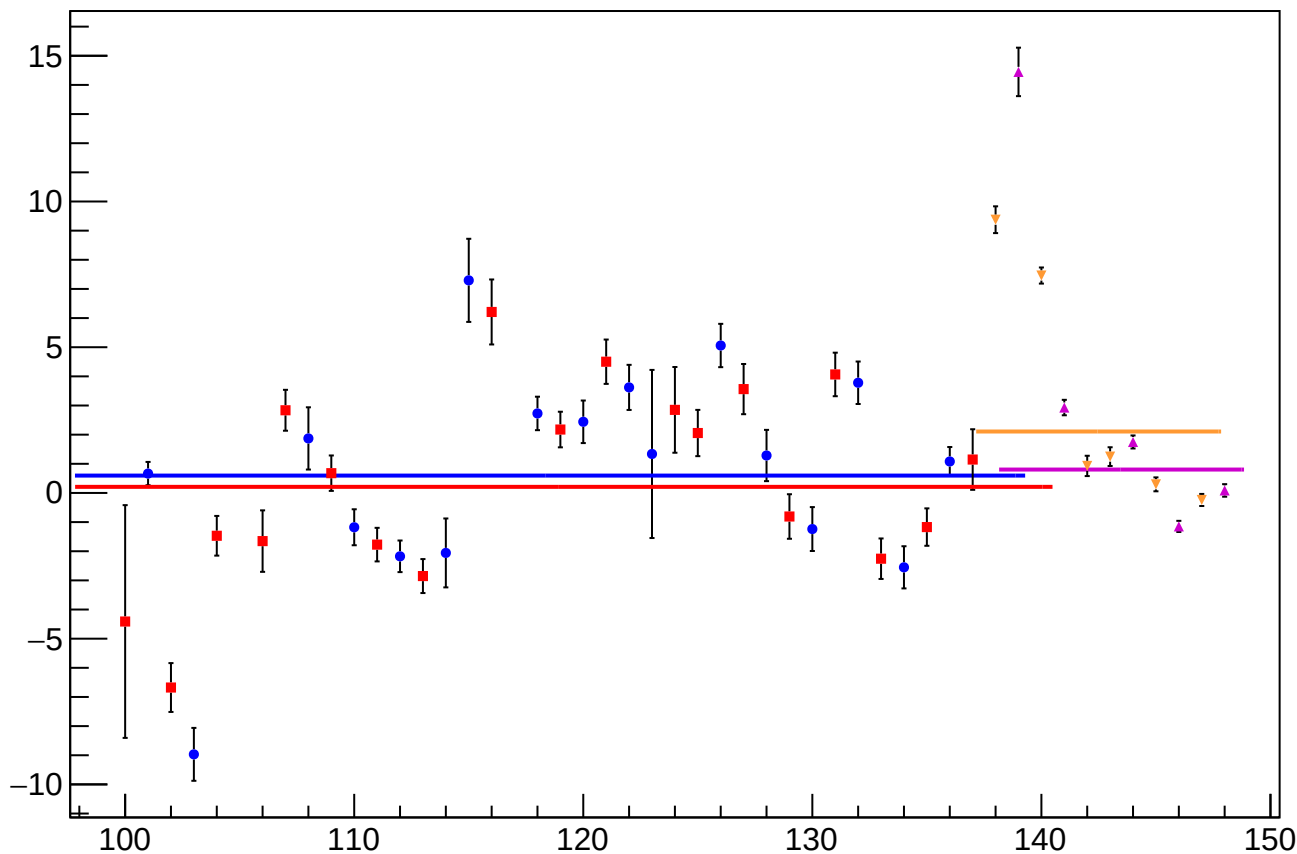
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



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: -3.586+/-0.162 χ^2/NDF : 653.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.459+/-0.115 χ^2/NDF : 2994.9/10
 - 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

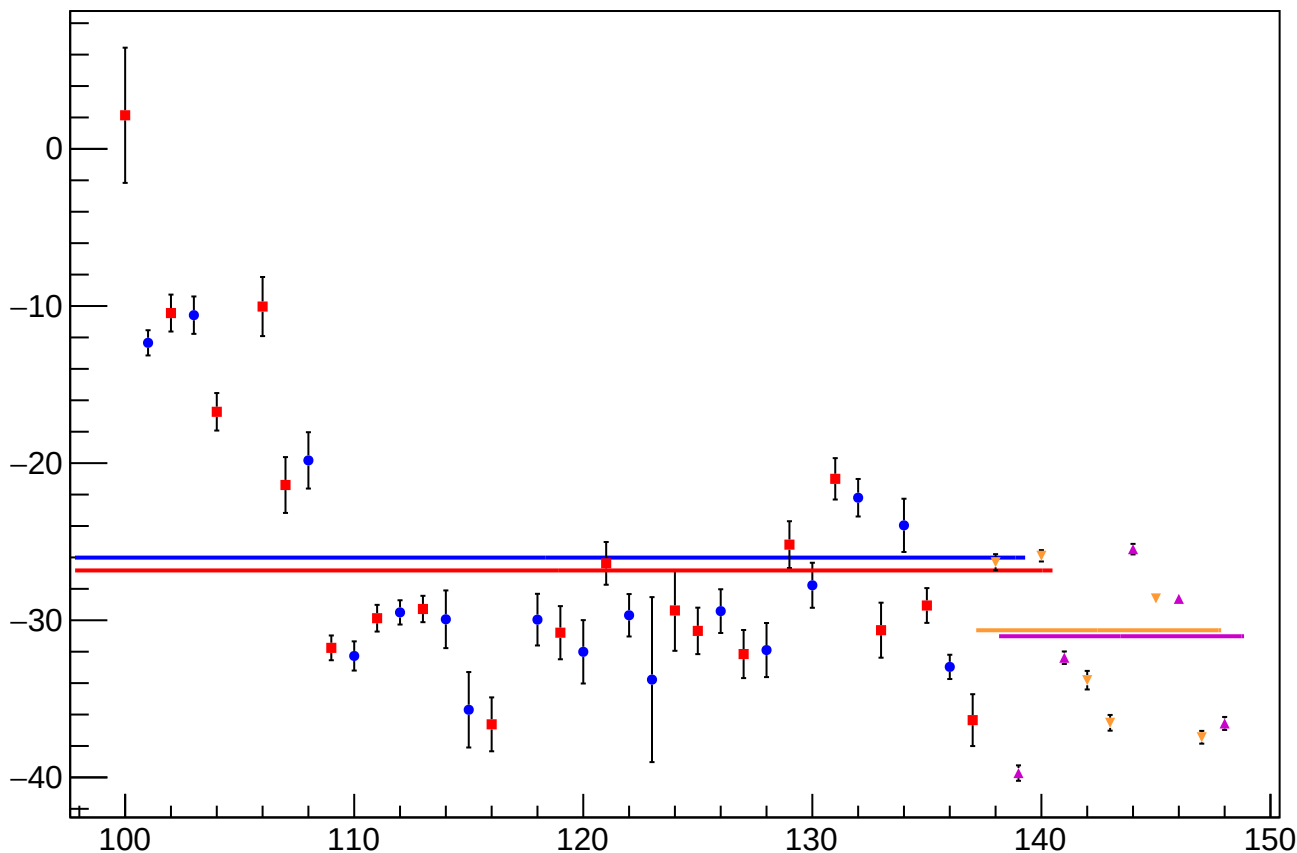
Left In: 0.803 ± 0.109 χ^2/NDF : 466.9/4

+ sign 1.634 ± 0.095 χ^2/NDF : 1176.4/22

All: 1.123 ± 0.066 χ^2/NDF : 1981.9/46

- sign 0.637 ± 0.092 χ^2/NDF : 748.7/23

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

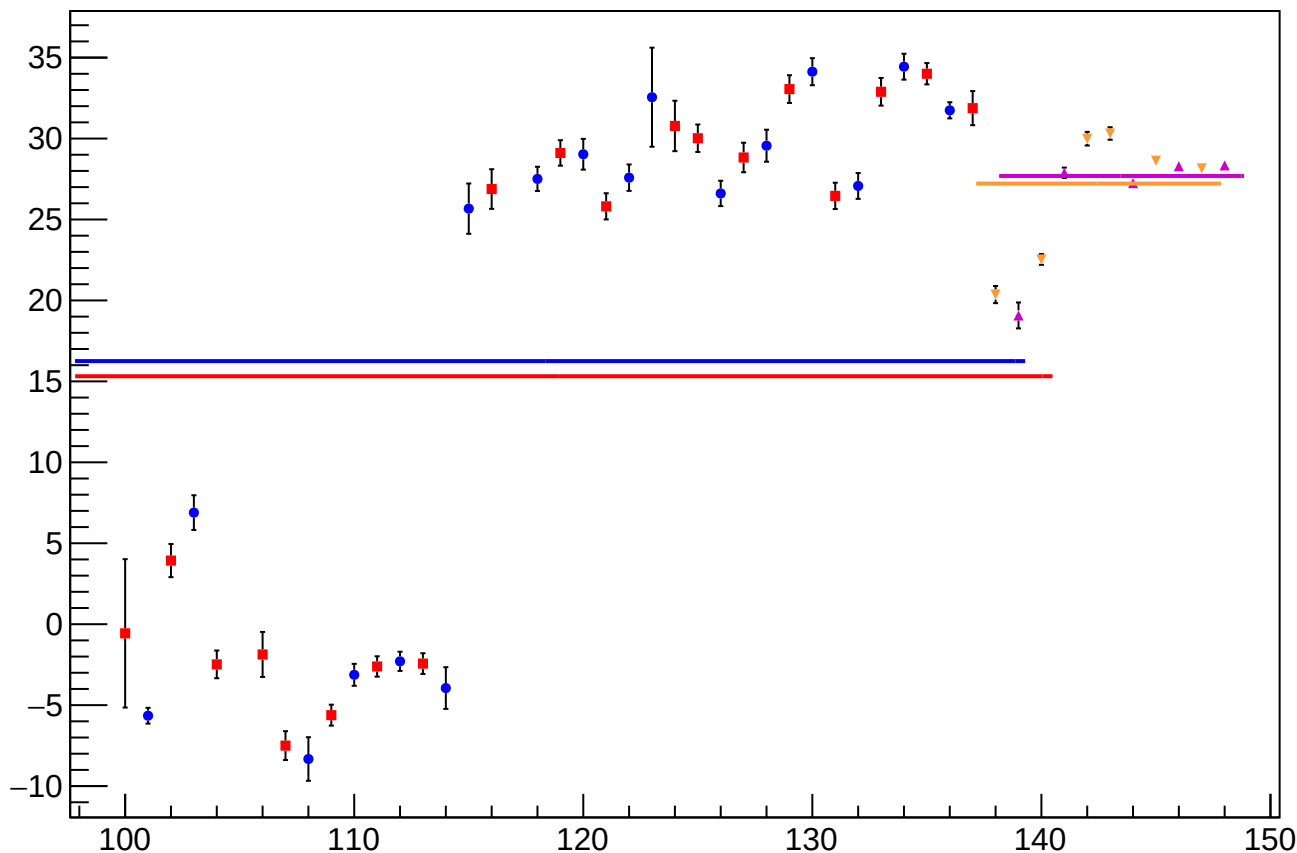
Left In: -31.017 ± 0.164 χ^2/NDF : 846.5/4

+ sign -29.514 ± 0.148 χ^2/NDF : 1606.4/22

All: -29.782 ± 0.103 χ^2/NDF : 3192.7/46

- sign -30.037 ± 0.144 χ^2/NDF : 1579.9/23

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

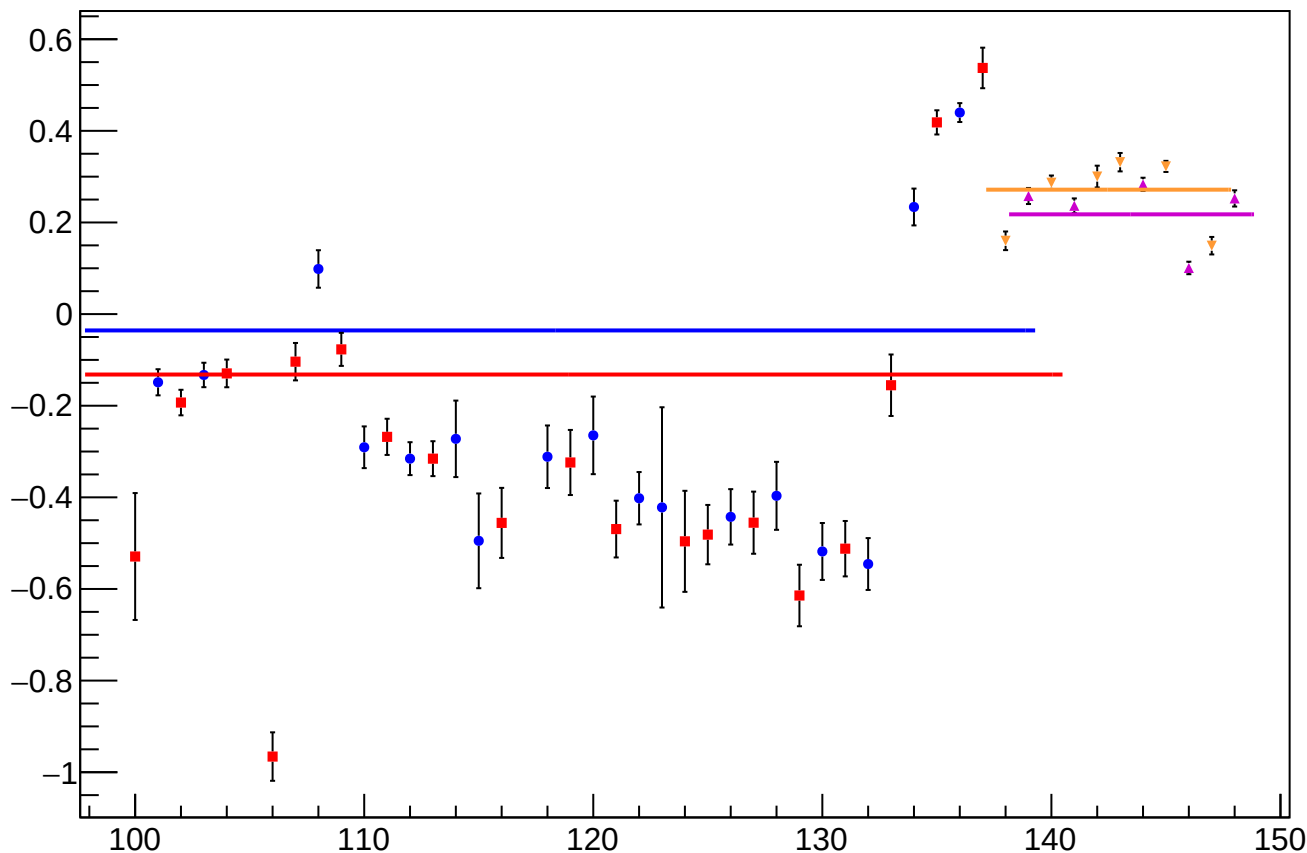
Left In: 27.689 $\pm$ 0.136 χ^2 /NDF: 129.8/4

+ sign 23.355 $\pm$ 0.113 χ^2 /NDF: 10253.7/22

All: 23.532 $\pm$ 0.080 χ^2 /NDF: 20341.8/46

- sign 23.704 $\pm$ 0.112 χ^2 /NDF: 10083.3/23

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.036 $\pm$ 0.010 χ^2 /NDF: 1014.5/16

Left Out: 0.272 $\pm$ 0.007 χ^2 /NDF:99.9/5

Right Out: -0.132 $\pm$ 0.010 χ^2 /NDF: 1171.3/18

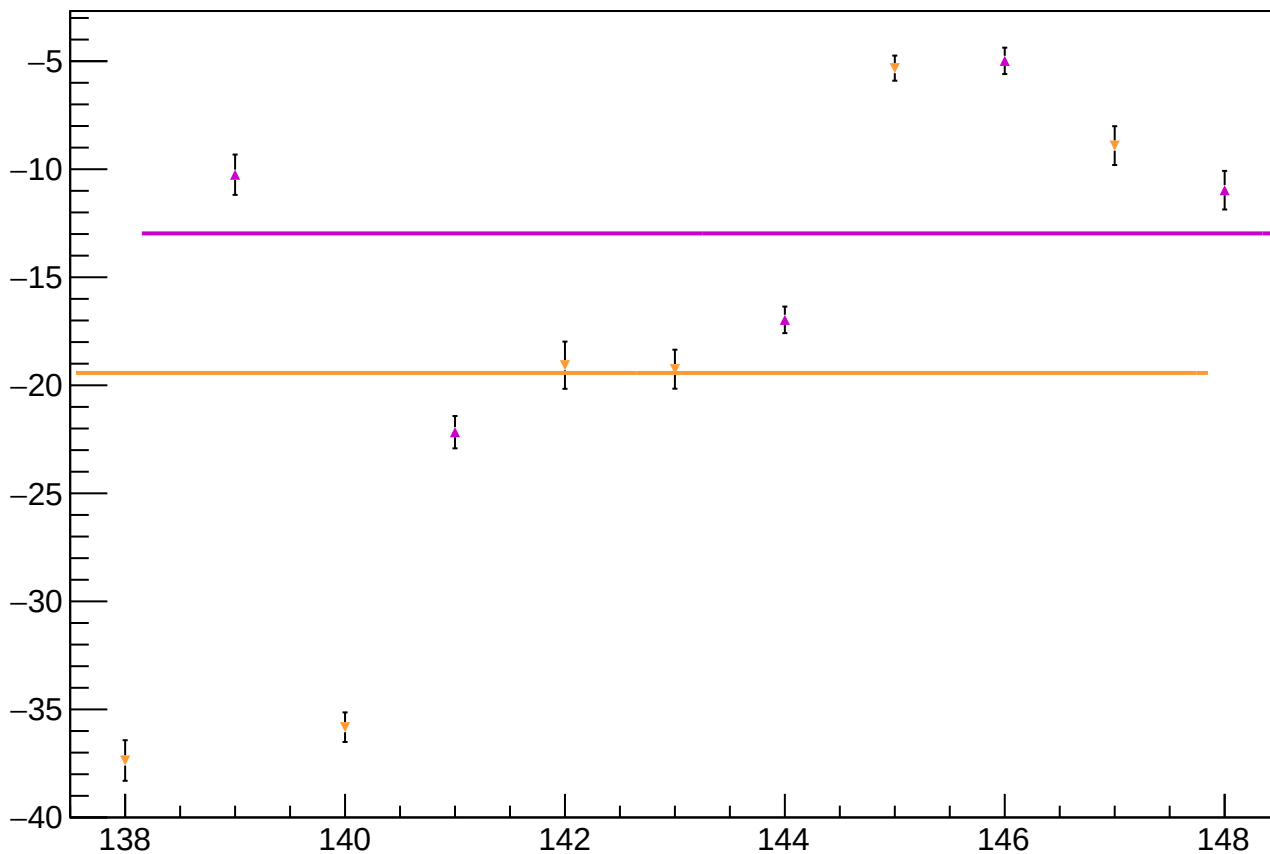
Left In: 0.218 $\pm$ 0.007 χ^2 /NDF:104.2/4

+ sign 0.174 $\pm$ 0.006 χ^2 /NDF: 1720.4/22

All: 0.141 $\pm$ 0.004 χ^2 /NDF: 3842.8/46

- sign 0.108 $\pm$ 0.006 χ^2 /NDF: 2058.1/23

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

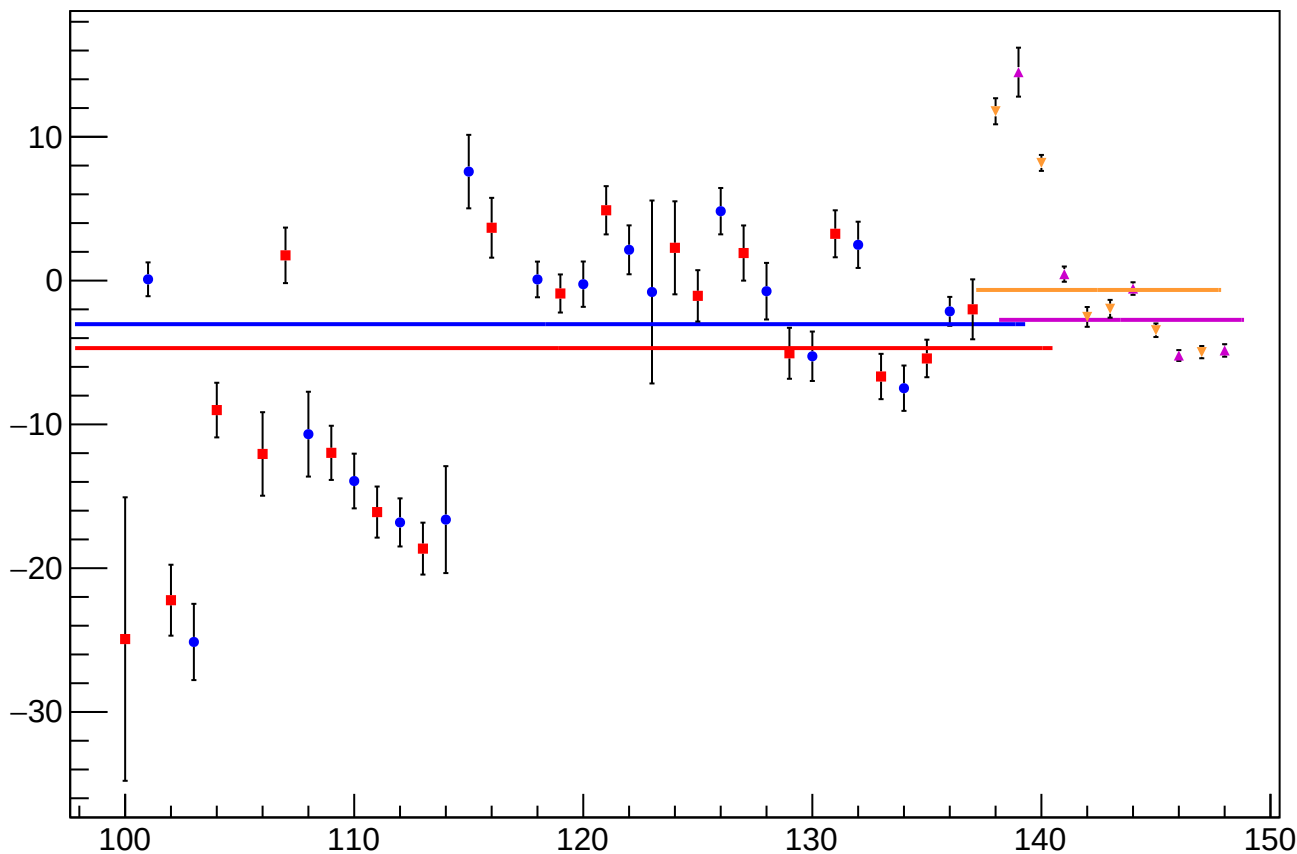
Left In: -12.970+/-0.324 χ^2/NDF :378.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.200+/-0.229 χ^2/NDF : 2240.4/10

- 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

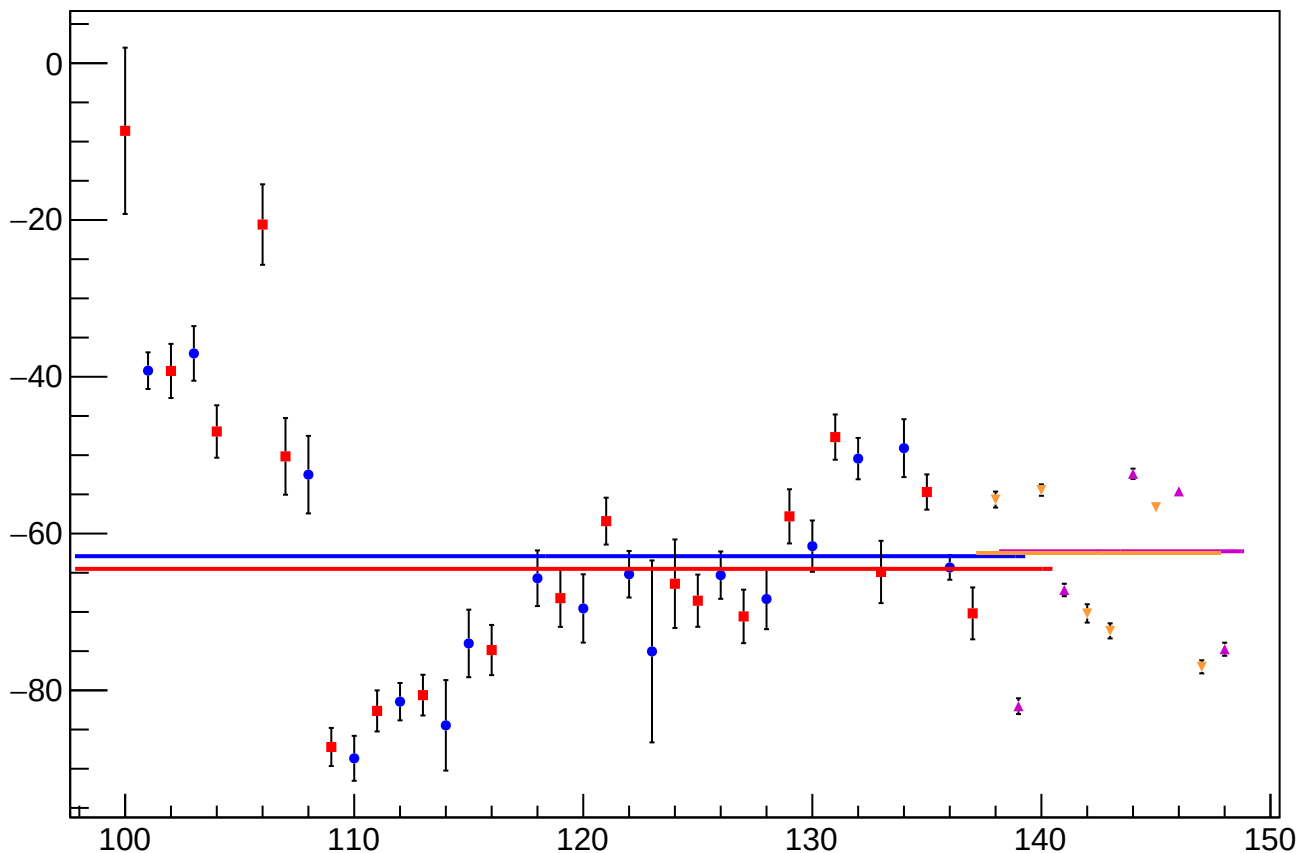
Left In: -2.730 ± 0.216 χ^2/NDF : 230.2/4

+ sign -1.219 ± 0.199 χ^2/NDF : 898.0/22

All: -2.206 ± 0.139 χ^2/NDF : 1490.9/46

- sign -3.131 ± 0.193 χ^2/NDF : 545.3/23

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

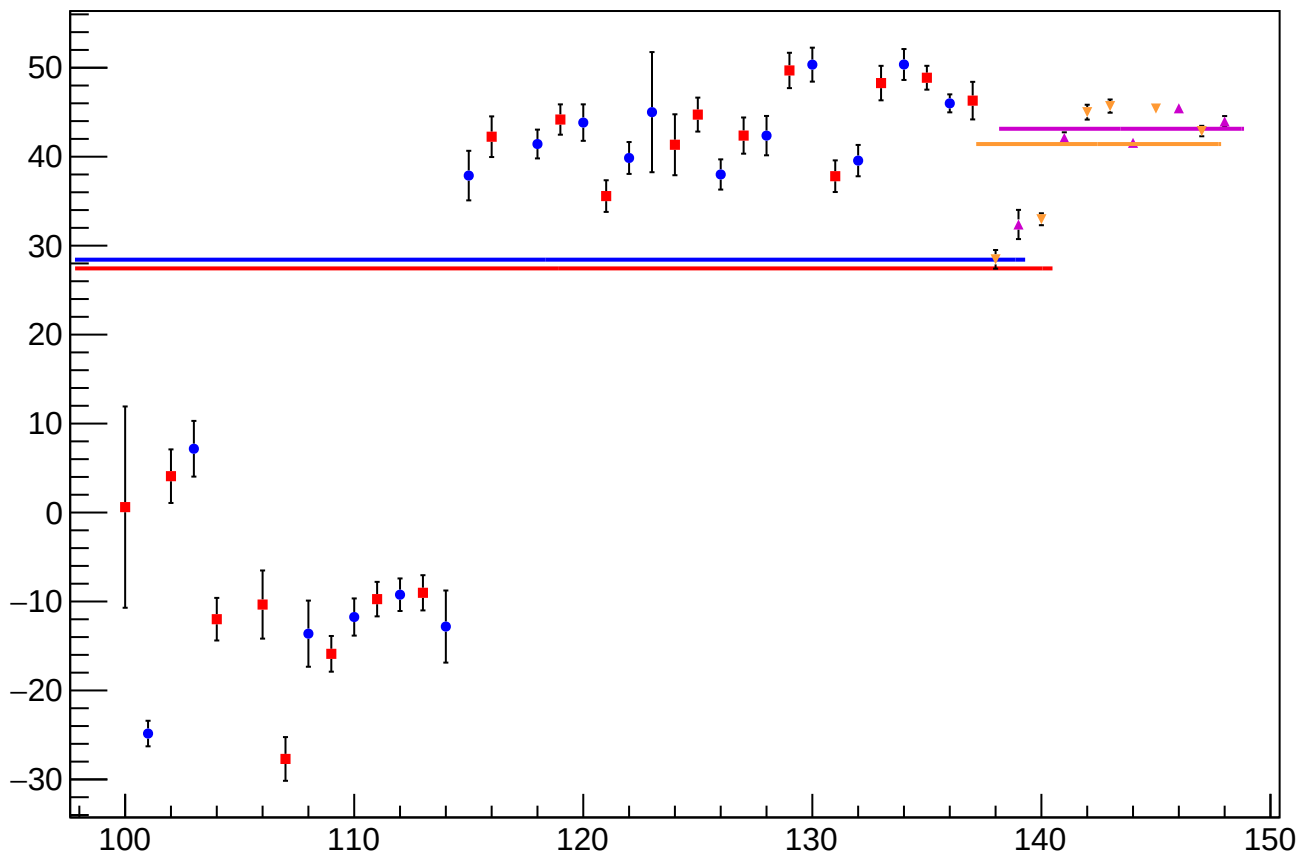
Left In: -62.262 ± 0.330 χ^2/NDF : 1040.7/4

+ sign -62.550 ± 0.308 χ^2/NDF : 1074.5/22

All: -62.588 ± 0.216 χ^2/NDF : 2566.7/46

- sign -62.623 ± 0.302 χ^2/NDF : 1492.2/23

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 $\chi^2/\text{NDF}: 3033.0/18$

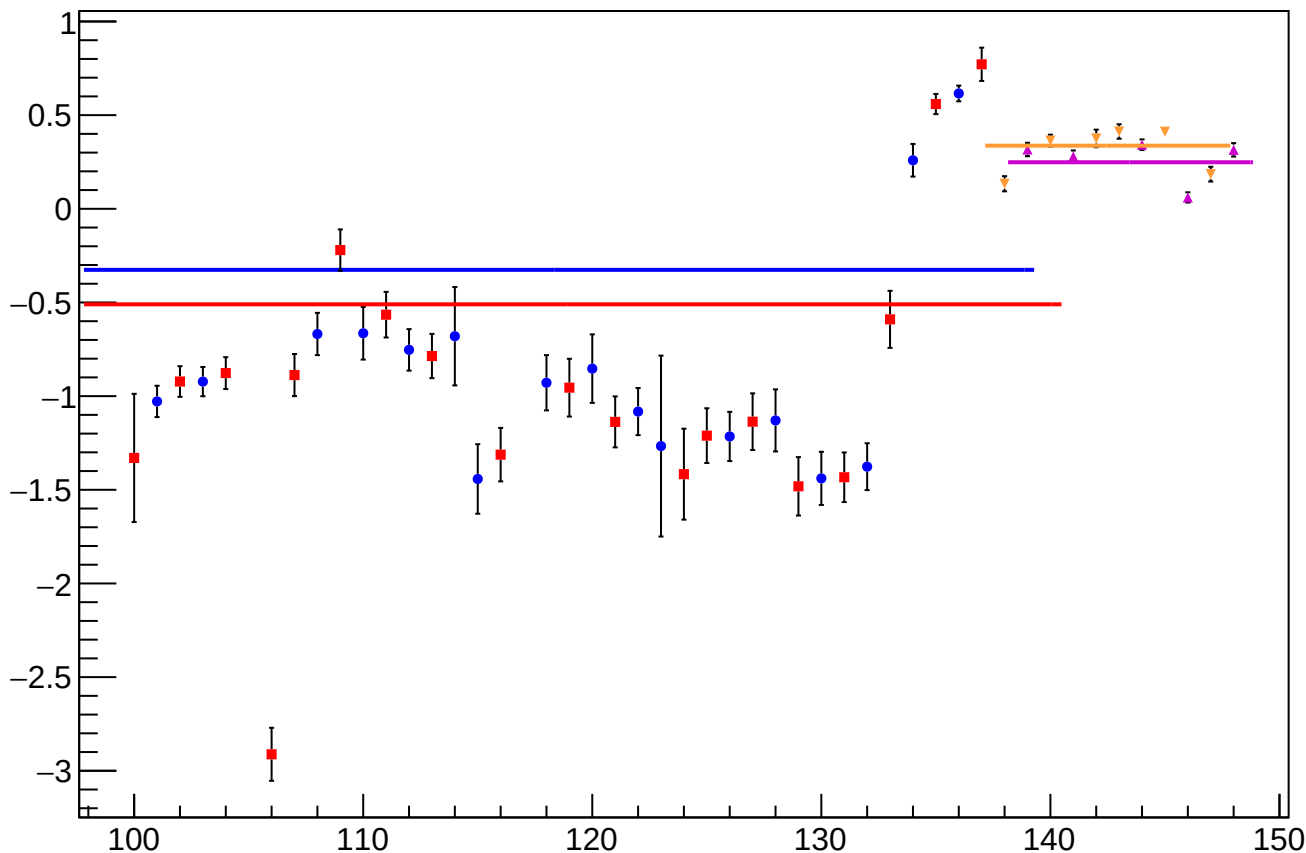
Left In: 43.138 ± 0.271 $\chi^2/\text{NDF}: 80.1/4$

+ sign 37.852 ± 0.240 $\chi^2/\text{NDF}: 4339.2/22$

All: 38.606 ± 0.168 $\chi^2/\text{NDF}: 8286.7/46$

- sign 39.335 ± 0.236 $\chi^2/\text{NDF}: 3928.0/23$

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 $\chi^2/\text{NDF}: 1169.4/18$

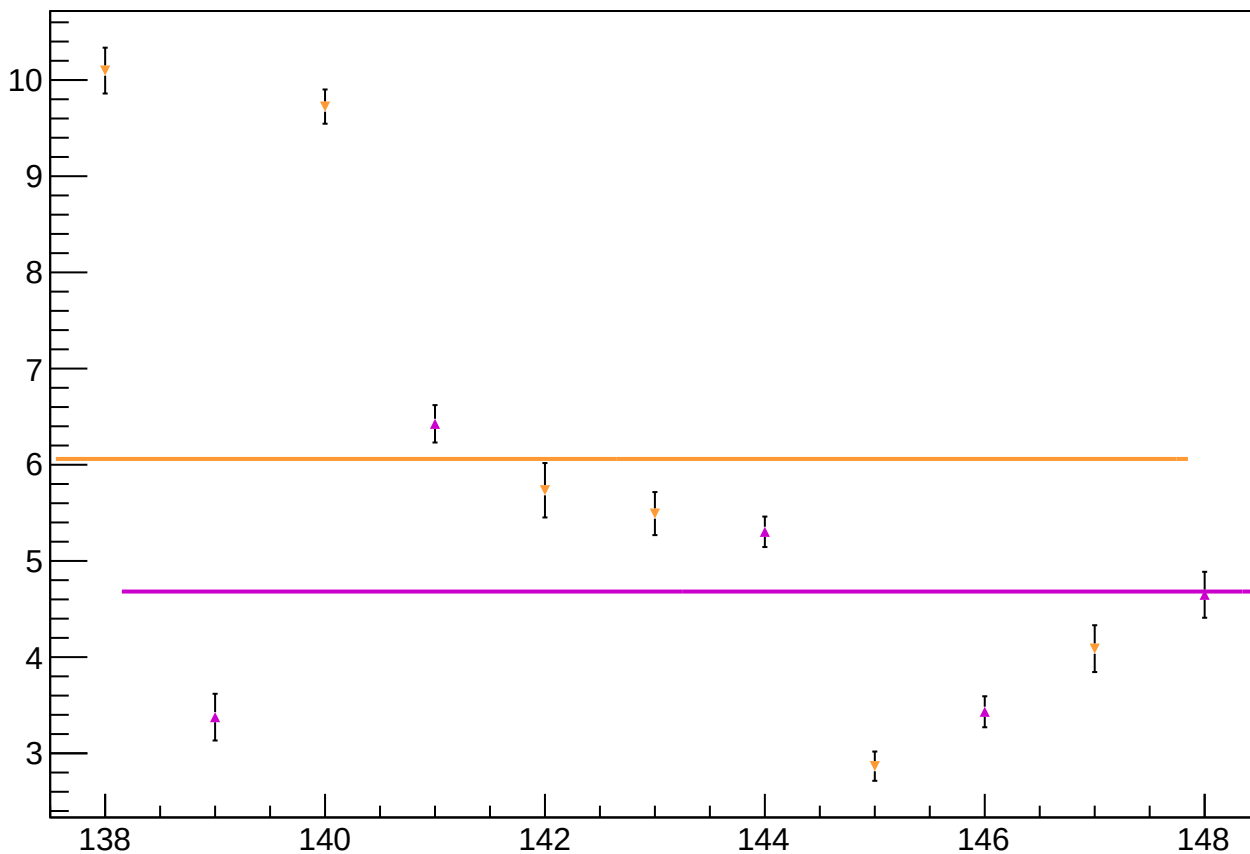
Left In: 0.249 ± 0.014 $\chi^2/\text{NDF}: 65.7/4$

+ sign 0.177 ± 0.012 $\chi^2/\text{NDF}: 1605.7/22$

All: 0.126 ± 0.009 $\chi^2/\text{NDF}: 3546.8/46$

- sign 0.074 ± 0.012 $\chi^2/\text{NDF}: 1906.2/23$

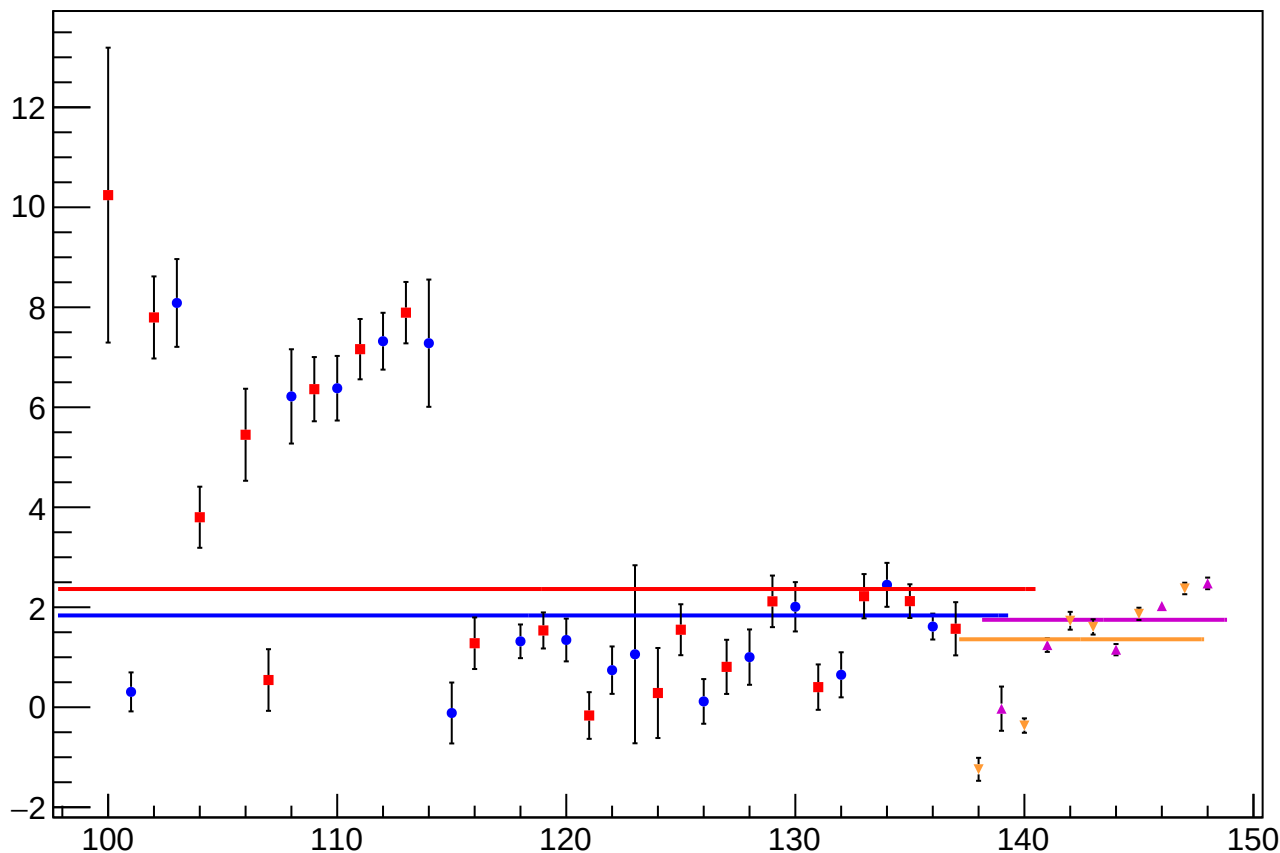
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.061 $\pm$ 0.084 χ^2 /NDF:1224.6/5
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.682 $\pm$ 0.085 χ^2 /NDF:184.9/4

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 5.377 $\pm$ 0.060 χ^2 /NDF: 1543.1/10
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 1.836 ± 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

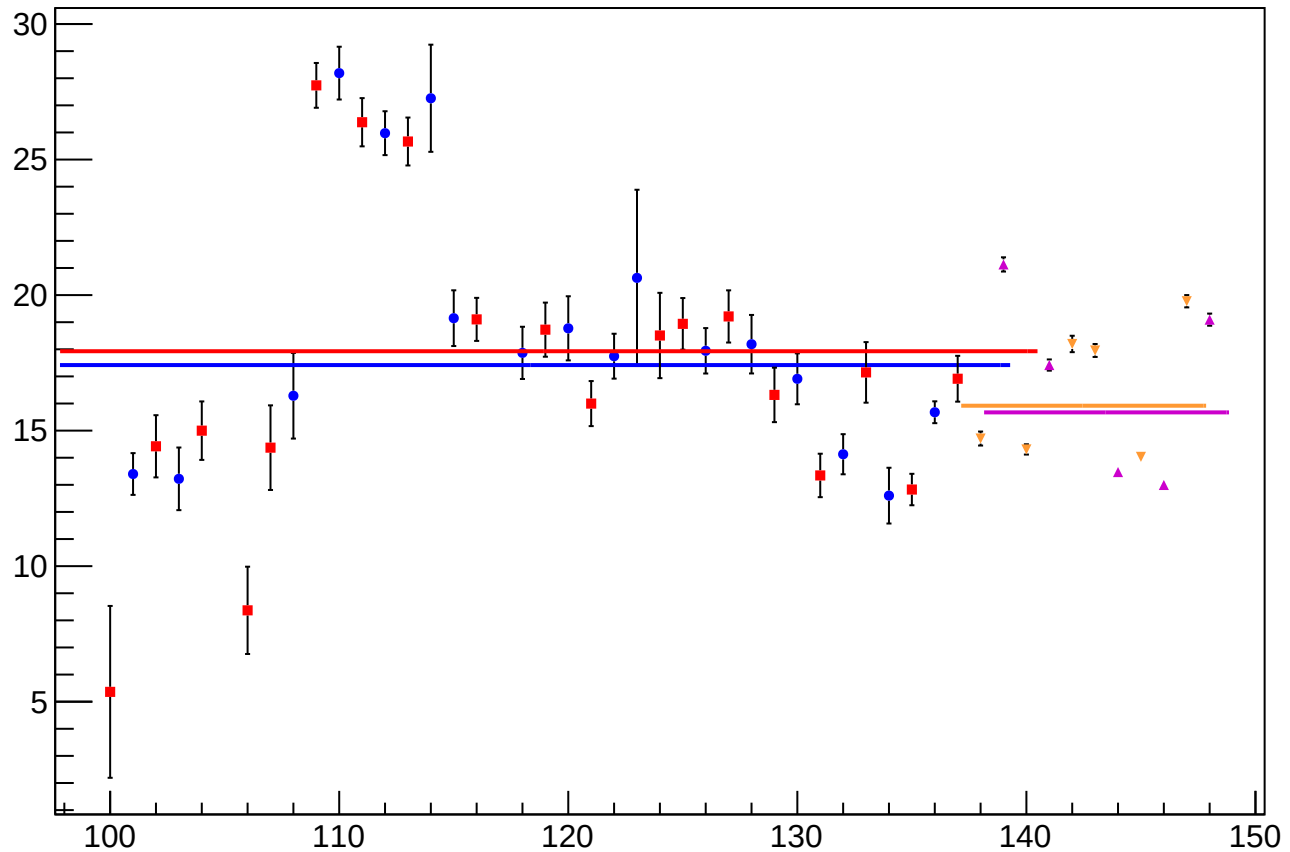
Left In: 1.749 ± 0.056 χ^2/NDF : 104.9/4

+ sign 1.459 ± 0.053 χ^2/NDF : 681.4/22

All: 1.664 ± 0.037 χ^2/NDF : 1172.7/46

- sign 1.856 ± 0.051 χ^2/NDF : 462.1/23

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

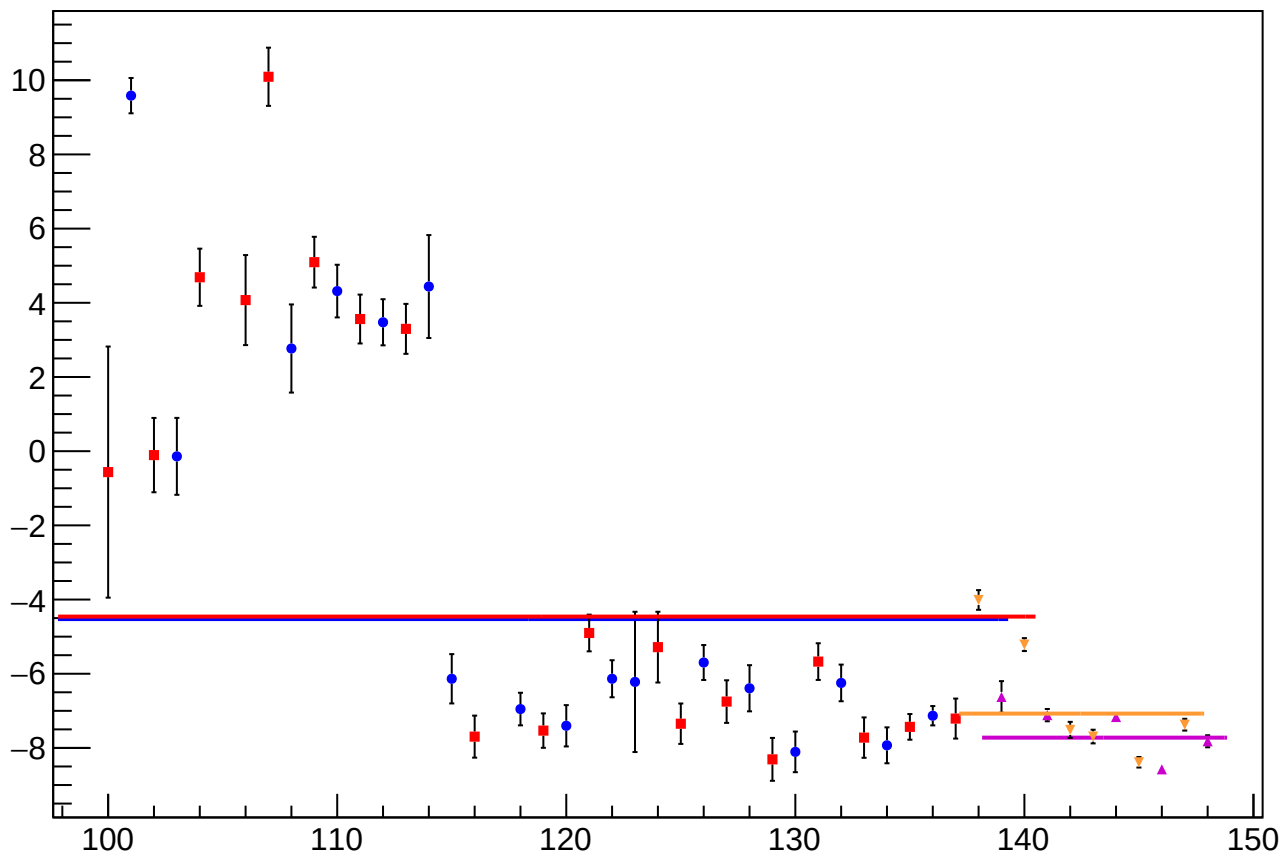
Left In: 15.673 +/- 0.086 χ^2/NDF : 1205.3/4

+ sign 16.140 +/- 0.081 χ^2/NDF : 1057.1/22

All: 16.057 +/- 0.057 χ^2/NDF : 2862.8/46

- sign 15.976 +/- 0.080 χ^2/NDF : 1803.6/23

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

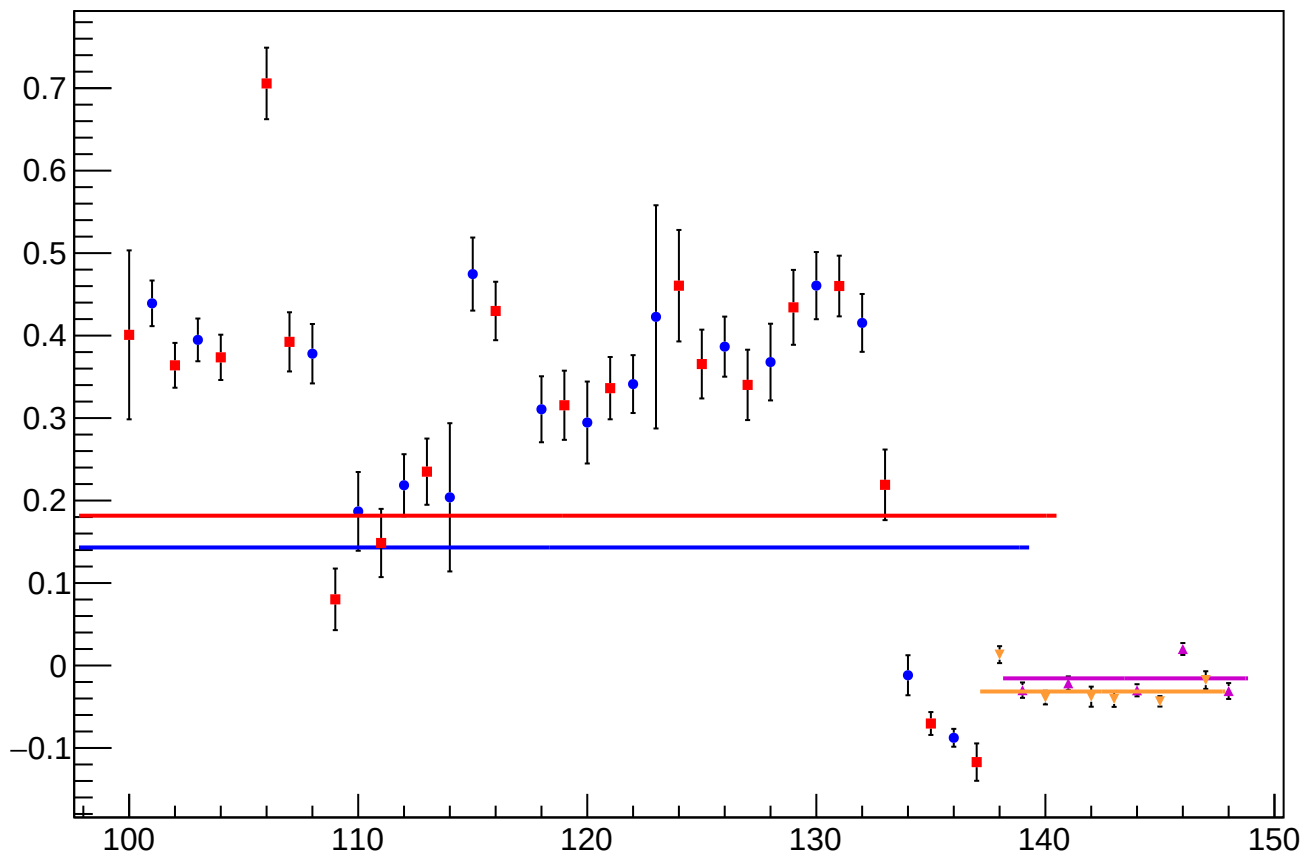
Left In: -7.723 ± 0.071 χ^2/NDF : 84.9/4

+ sign -6.458 ± 0.064 χ^2/NDF : 2234.7/22

All: -6.751 ± 0.045 χ^2/NDF : 4148.8/46

- sign -7.037 ± 0.063 χ^2/NDF : 1872.3/23

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

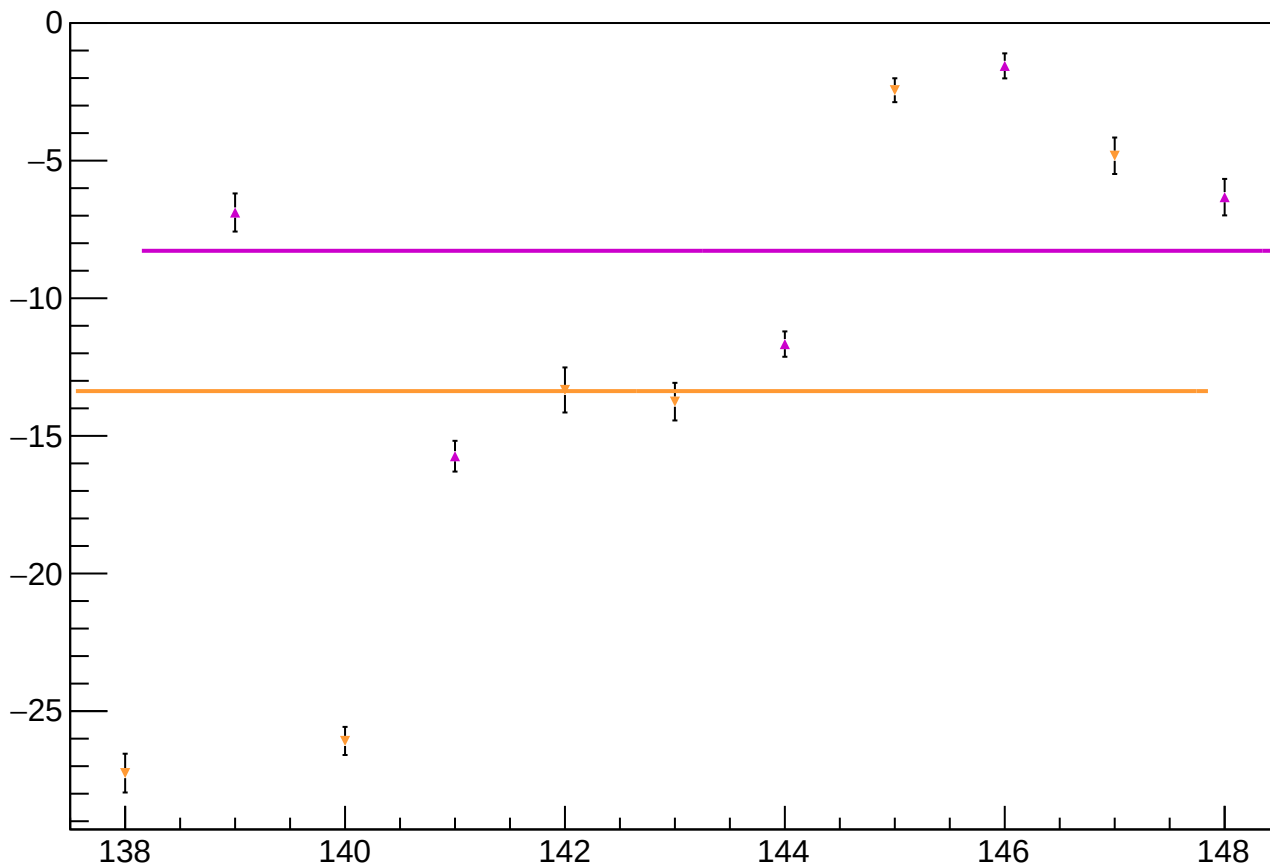
Left In: -0.016 $\pm$ 0.004 χ^2 /NDF: 33.6/4

+ sign 0.005 $\pm$ 0.003 χ^2 /NDF: 1570.6/22

All: 0.014 $\pm$ 0.002 χ^2 /NDF: 3199.5/46

- sign 0.023 $\pm$ 0.003 χ^2 /NDF: 1613.5/23

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

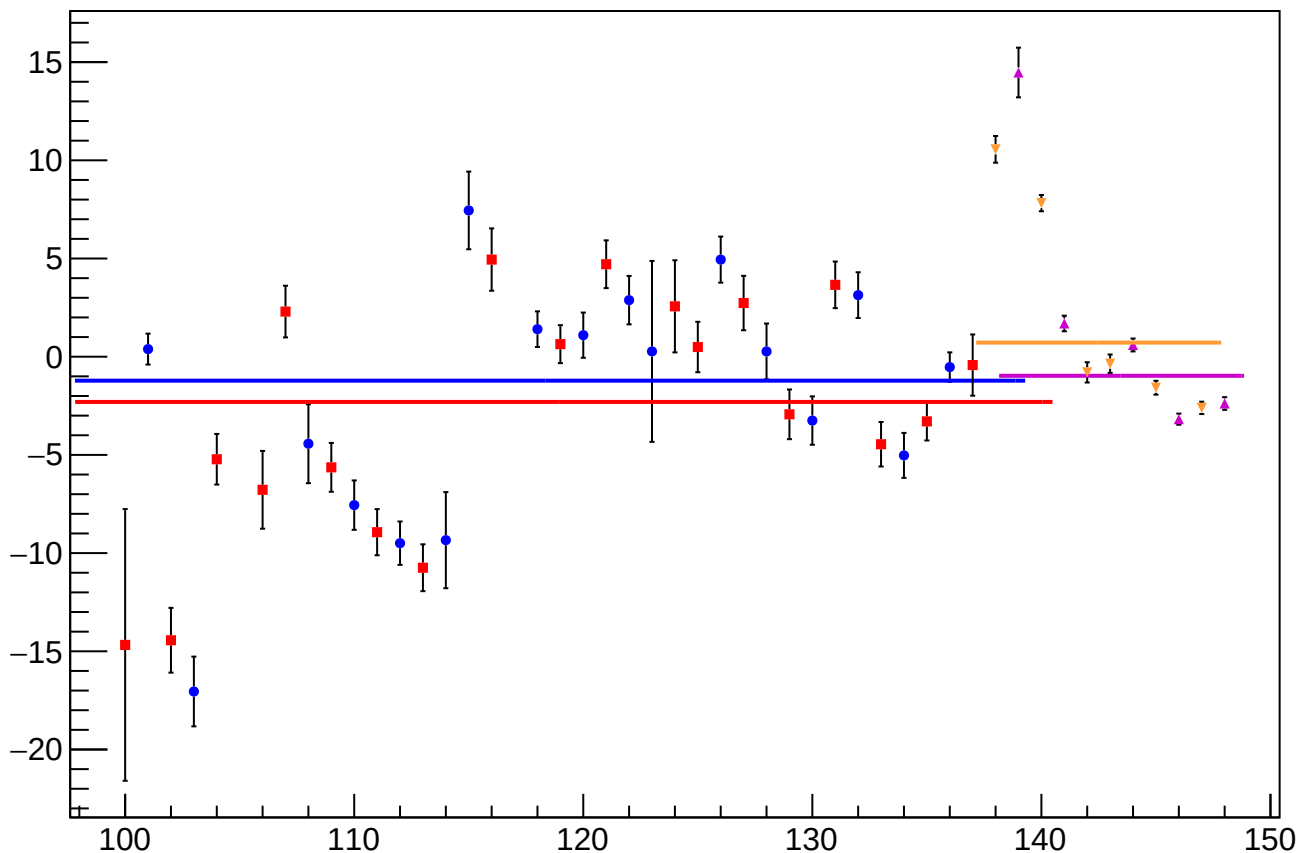
Left In: -8.276+/-0.242 χ^2/NDF : 463.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.821+/-0.171 χ^2/NDF : 2494.4/10

- 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

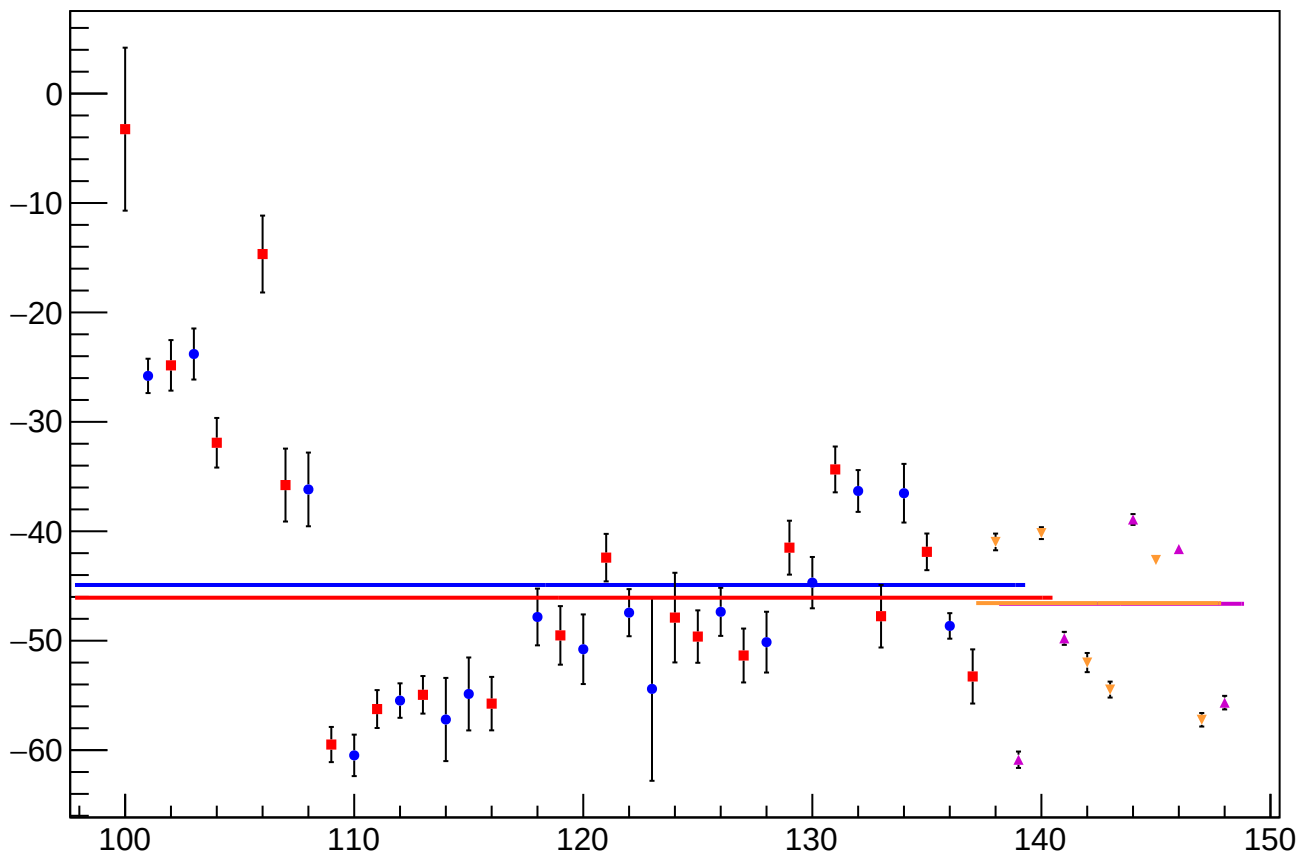
Left In: -0.971 ± 0.161 χ^2/NDF : 297.3/4

+ sign 0.221 ± 0.147 χ^2/NDF : 982.5/22

All: -0.545 ± 0.102 χ^2/NDF : 1633.9/46

- sign -1.266 ± 0.142 χ^2/NDF : 598.6/23

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

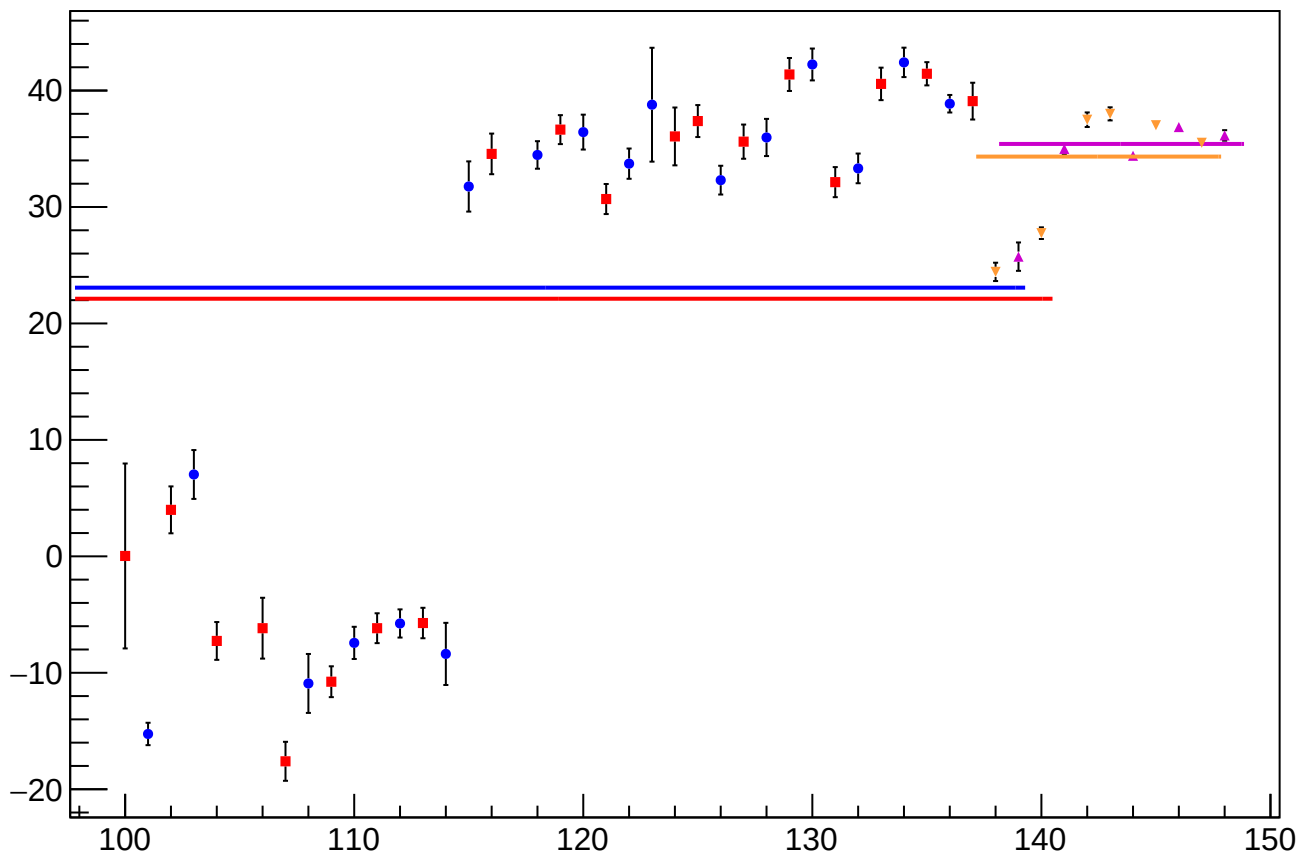
Left In: -46.627 ± 0.246 χ^2/NDF : 977.0/4

+ sign -46.249 ± 0.228 χ^2/NDF : 1147.6/22

All: -46.391 ± 0.159 χ^2/NDF : 2580.3/46

- sign -46.528 ± 0.223 χ^2/NDF : 1431.9/23

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

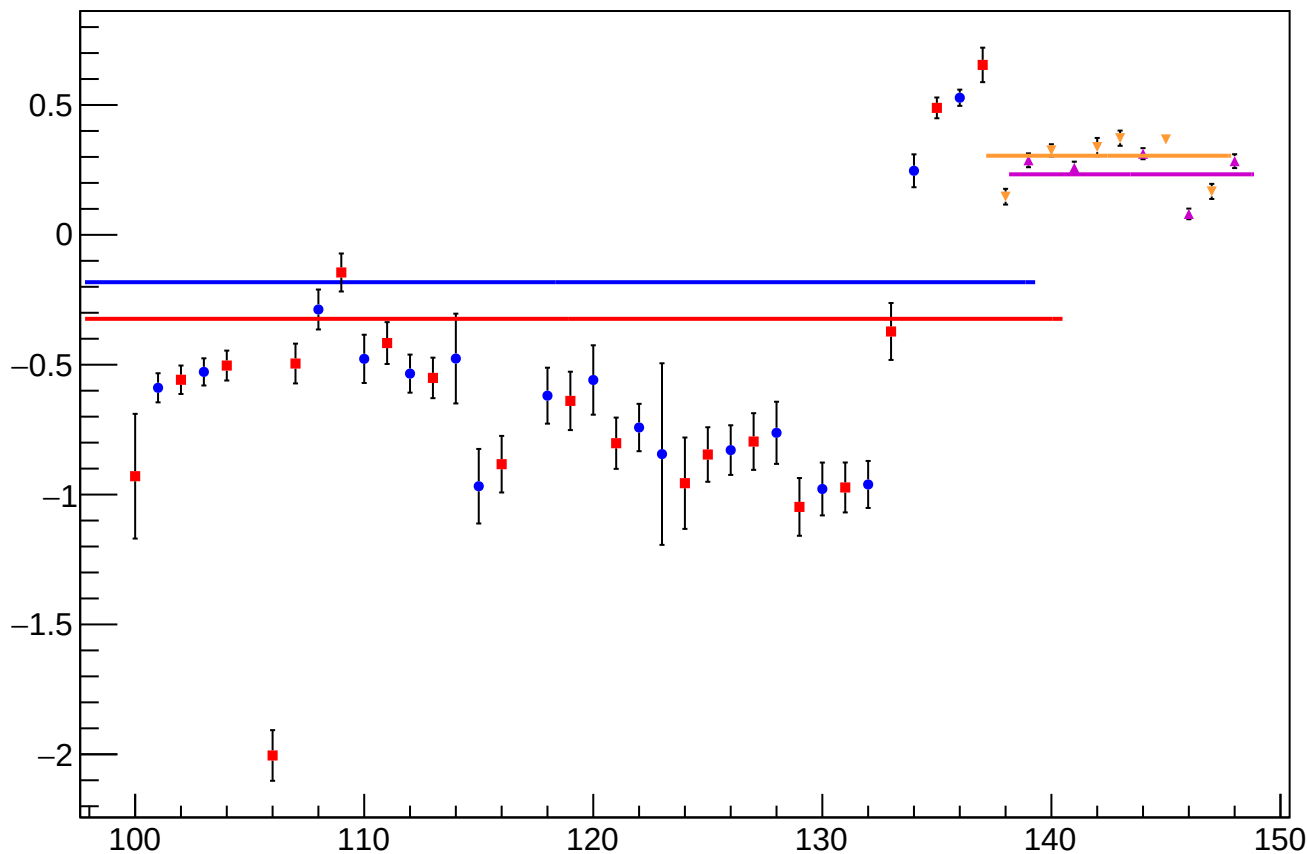
Left In: 35.414 $\pm$ 0.202 χ^2 /NDF:89.9/4

+ sign 31.026 $\pm$ 0.177 χ^2 /NDF: 5638.2/22

All: 31.491 $\pm$ 0.124 χ^2 /NDF: 10906.0/46

- sign 31.941 $\pm$ 0.174 χ^2 /NDF: 5254.1/23

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

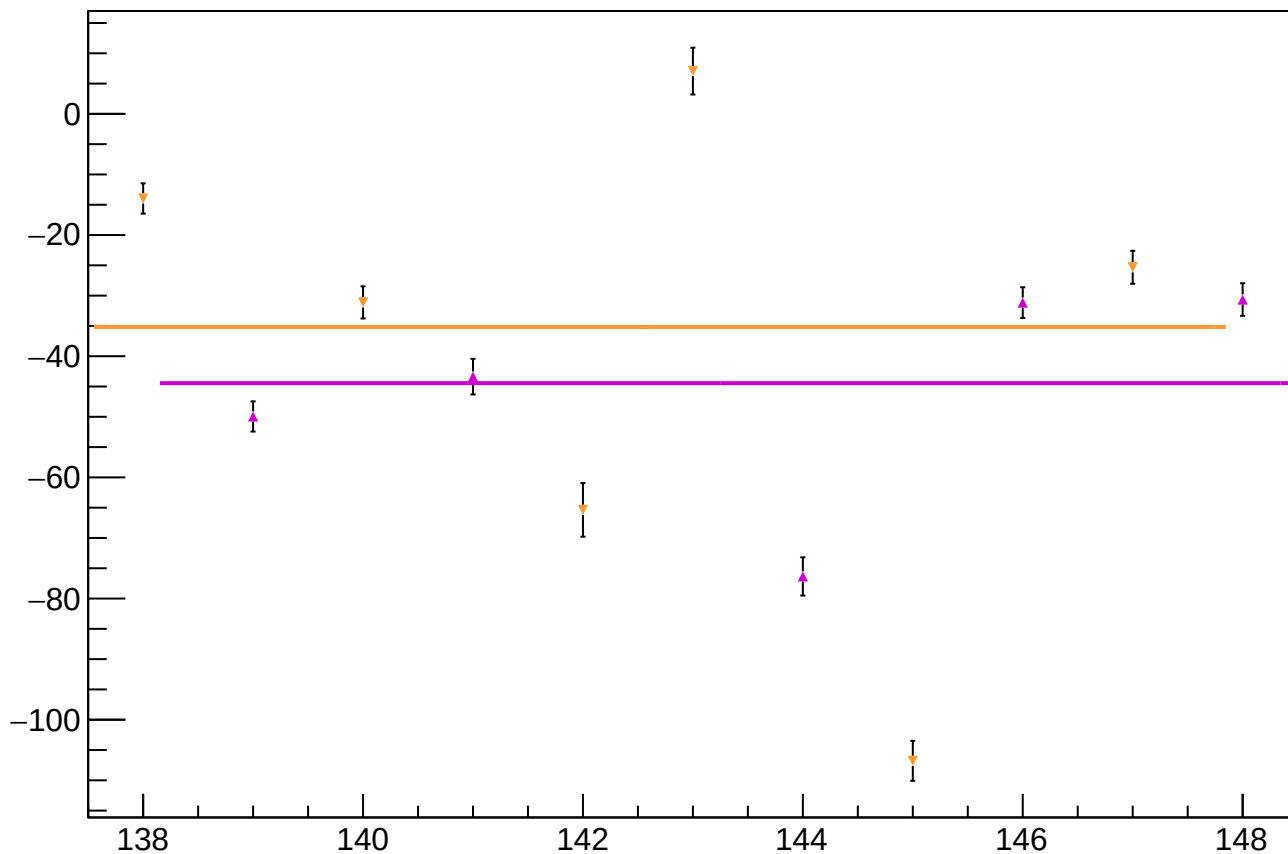
Left In: 0.233 ± 0.010 χ^2/NDF : 78.3/4

+ sign 0.178 ± 0.009 χ^2/NDF : 1625.4/22

All: 0.137 ± 0.006 χ^2/NDF : 3636.0/46

- sign 0.094 ± 0.009 χ^2/NDF : 1967.5/23

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

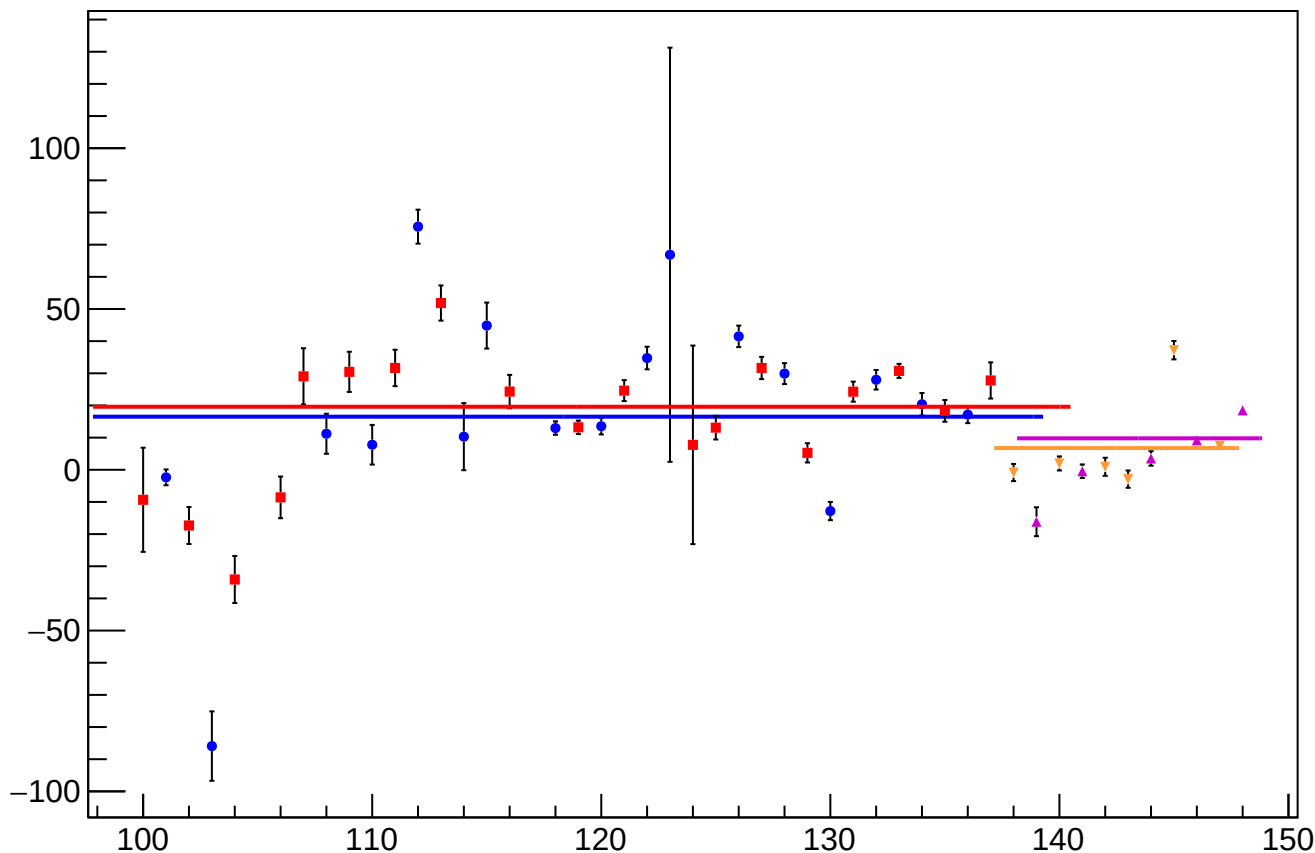
Left In: -44.446+/-1.221 χ^2/NDF : 161.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.886+/-0.871 χ^2/NDF : 915.0/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.512 ± 0.847 $\chi^2/\text{NDF}: 519.6/16$

Left Out: 6.755 ± 0.865 $\chi^2/\text{NDF}: 143.8/5$

Right Out: 19.604 ± 0.898 $\chi^2/\text{NDF}: 242.0/18$

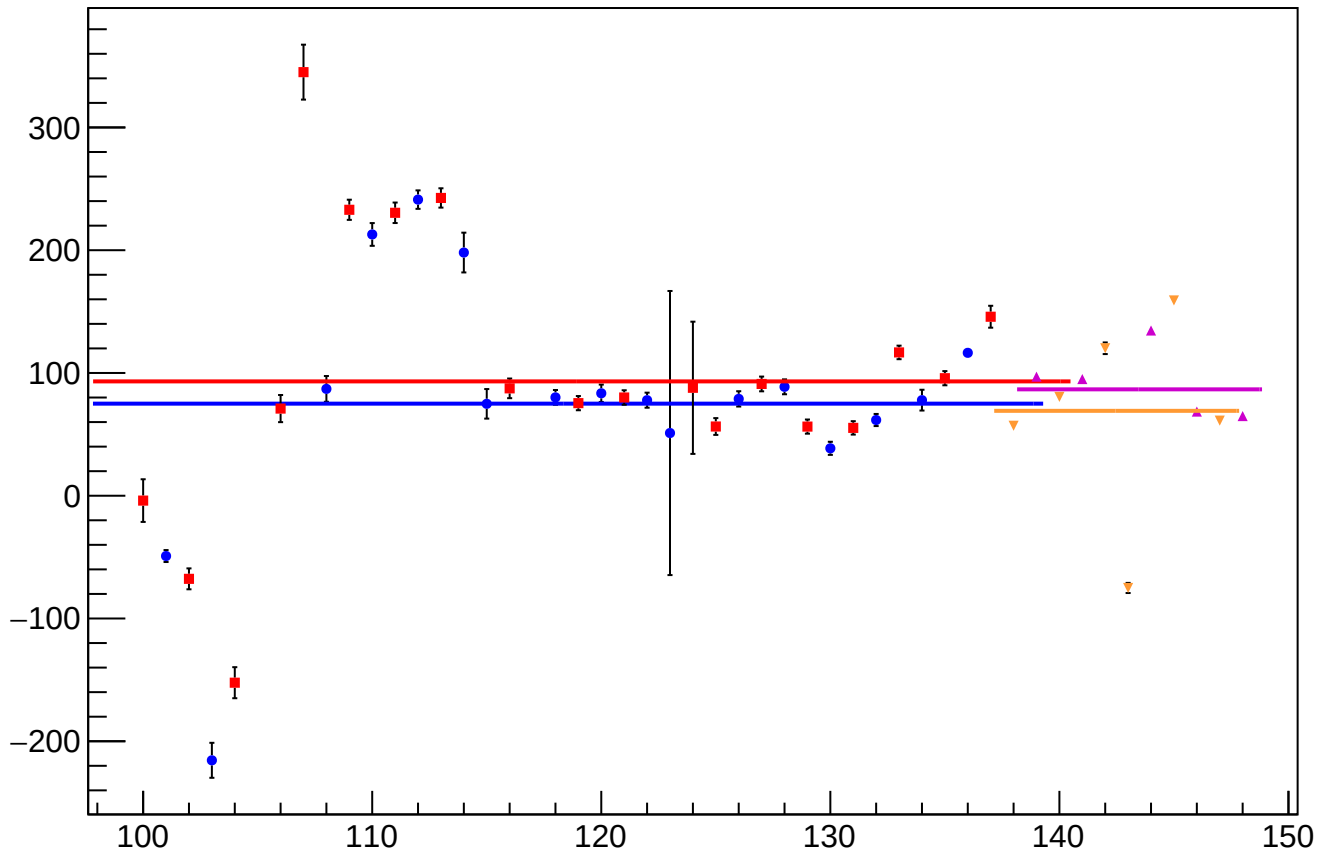
Left In: 9.781 ± 0.813 $\chi^2/\text{NDF}: 109.1/4$

+ sign 11.734 ± 0.605 $\chi^2/\text{NDF}: 728.3/22$

All: 12.974 ± 0.427 $\chi^2/\text{NDF}: 1153.5/46$

- sign 14.202 ± 0.603 $\chi^2/\text{NDF}: 416.8/23$

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

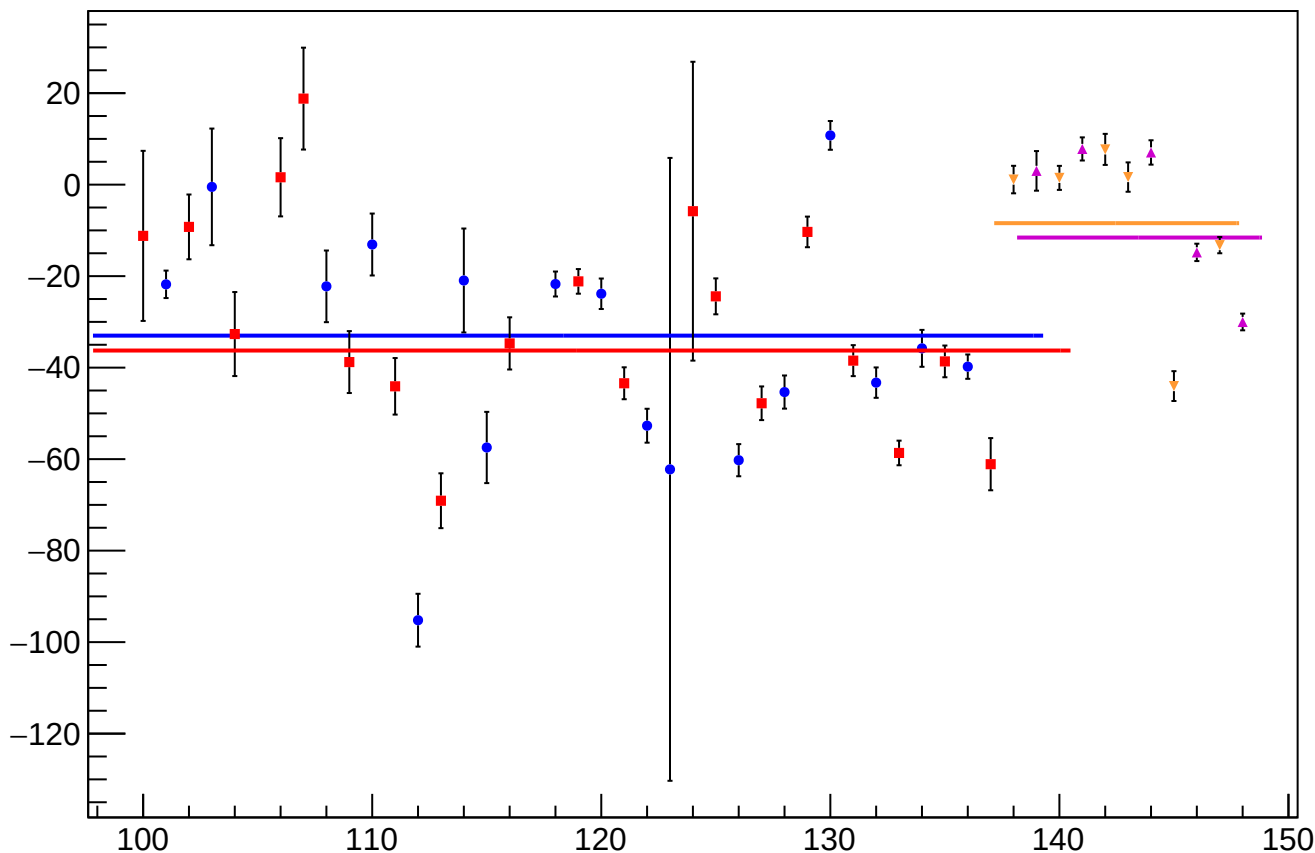
Left In: 86.657 $\pm$ 1.236 χ^2 /NDF: 354.2/4

+ sign 71.391 $\pm$ 1.011 χ^2 /NDF: 4082.1/22

All: 80.211 $\pm$ 0.712 χ^2 /NDF: 6599.0/46

- sign 88.880 $\pm$ 1.002 χ^2 /NDF: 2365.9/23

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

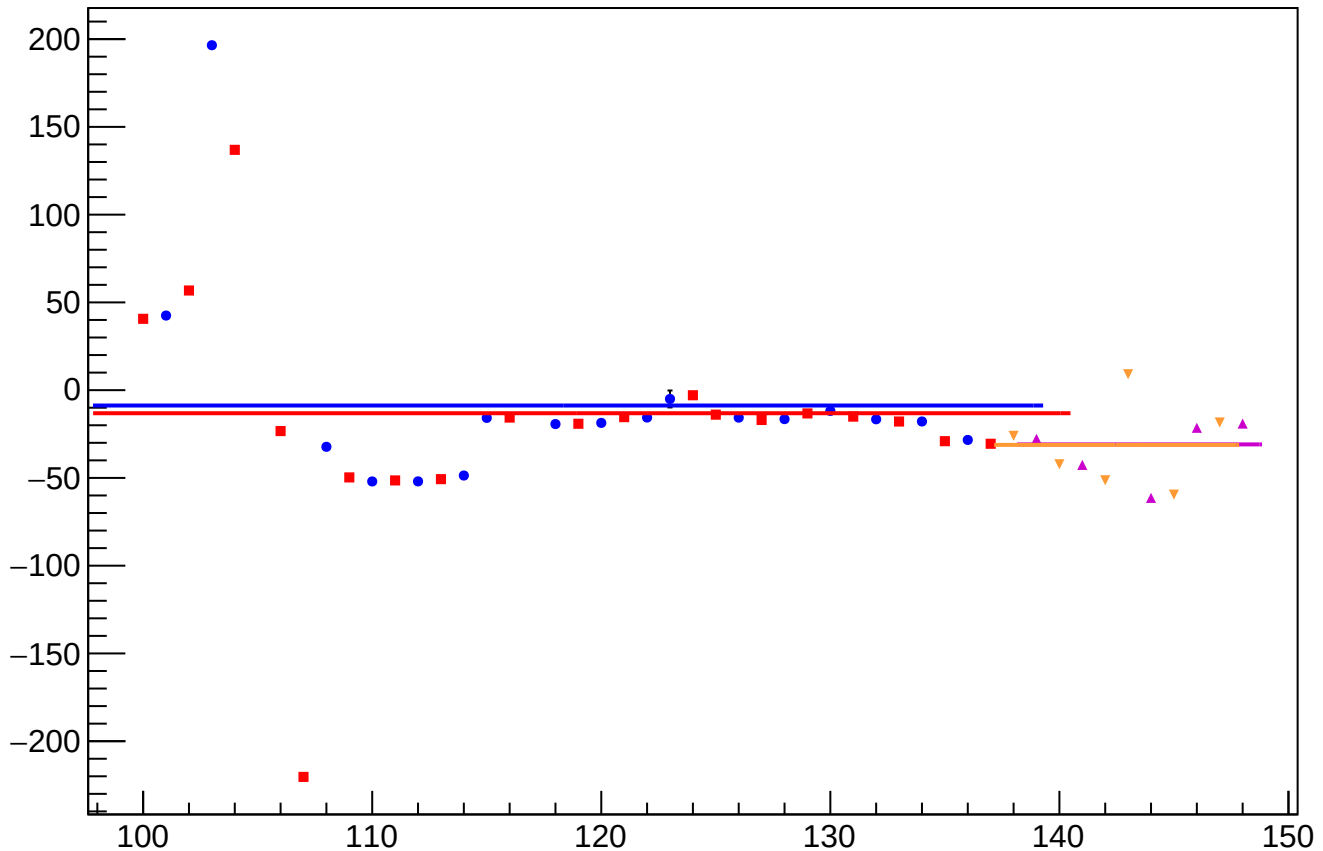
Left In: -11.566 ± 1.038 χ^2/NDF : 223.7/4

+ sign -22.058 ± 0.724 χ^2/NDF : 961.3/22

All: -23.055 ± 0.514 χ^2/NDF : 1772.3/46

- sign -24.067 ± 0.729 χ^2/NDF : 807.1/23

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 $\chi^2/\text{NDF}: 558628.0/18$

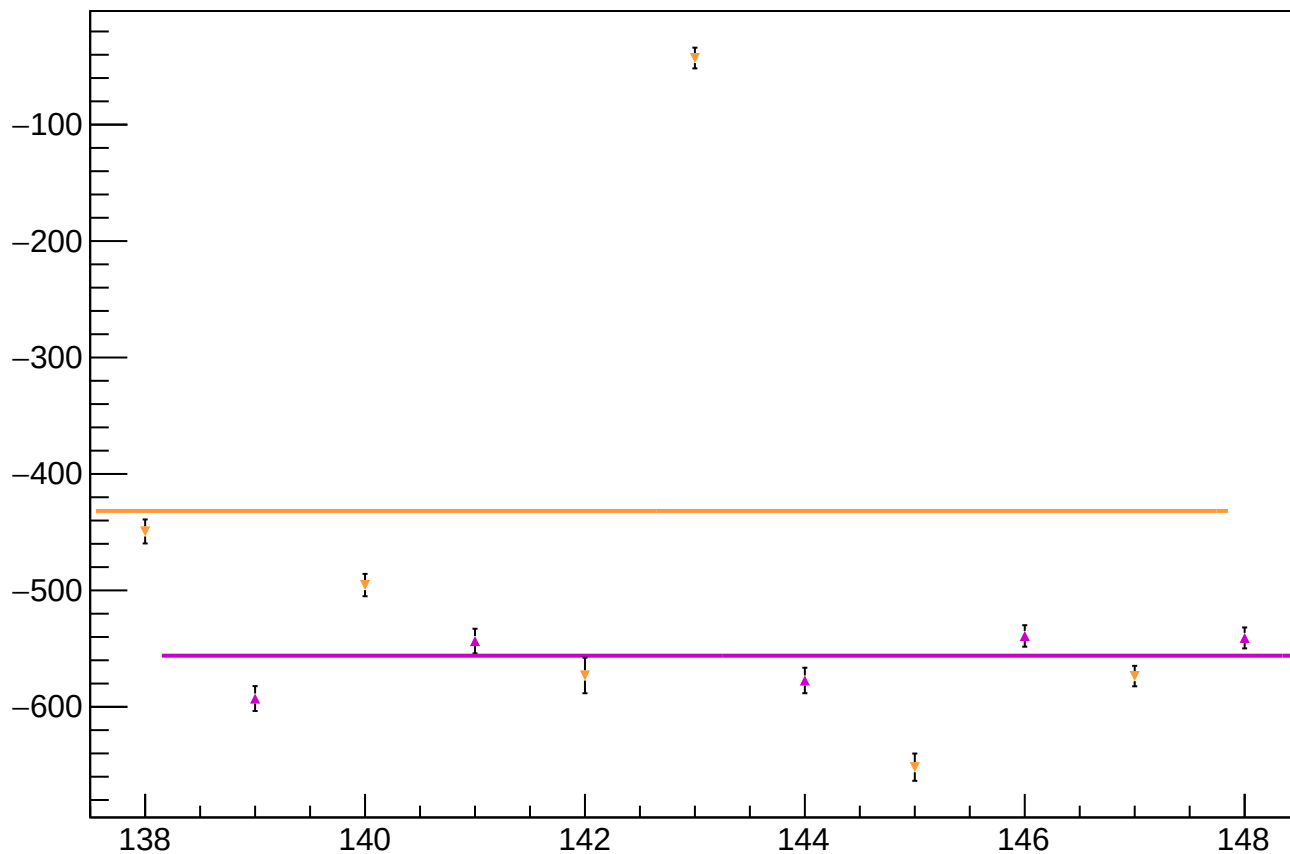
Left In: -30.902 ± 0.051 $\chi^2/\text{NDF}: 71535.3/4$

+ sign -20.962 ± 0.040 $\chi^2/\text{NDF}: 791759.2/22$

All: -22.348 ± 0.028 $\chi^2/\text{NDF}: 1473571.6/46$

- sign -23.707 ± 0.039 $\chi^2/\text{NDF}: 679396.3/23$

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

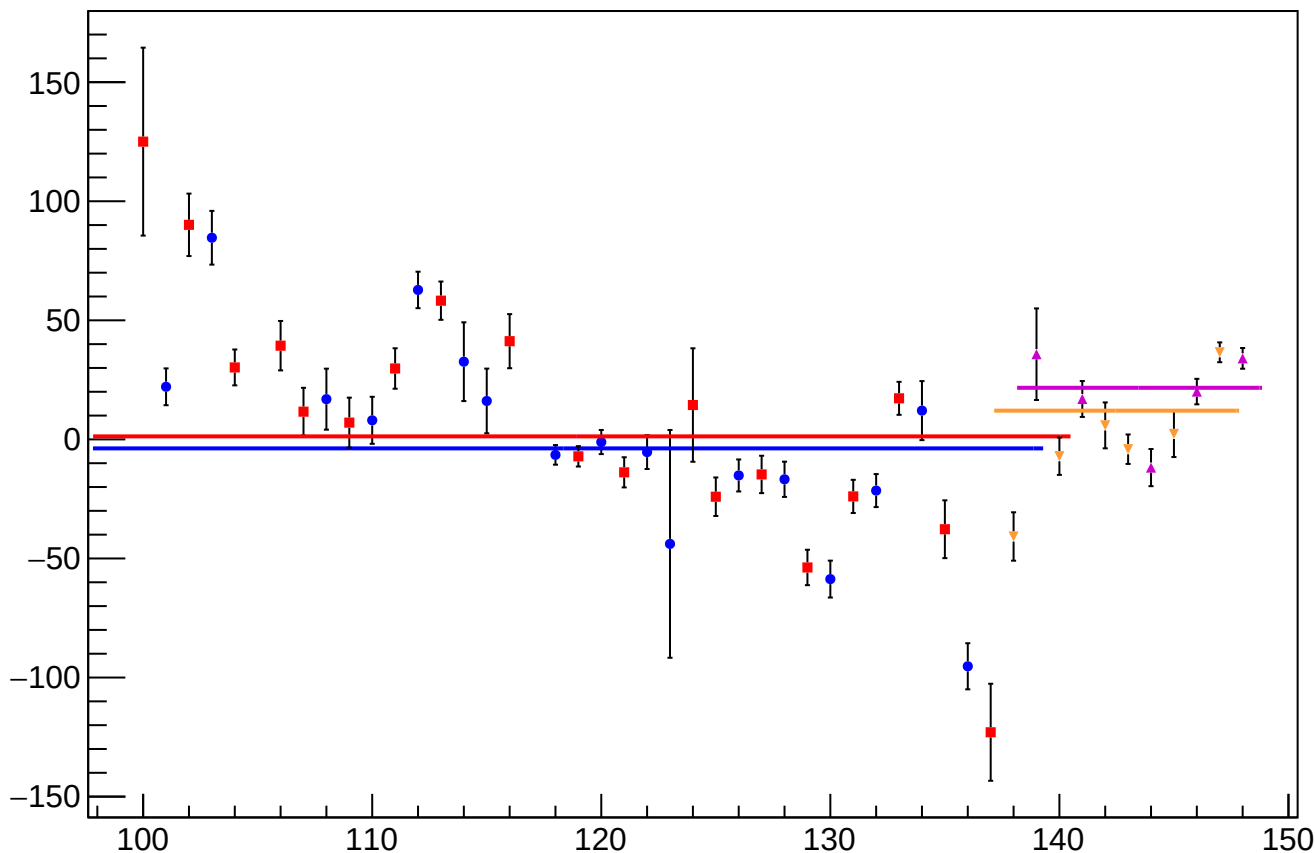
Left In: -556.062+/-4.464 χ^2/NDF : 23.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -489.681+/-3.048 χ^2/NDF : 3094.8/10

- 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

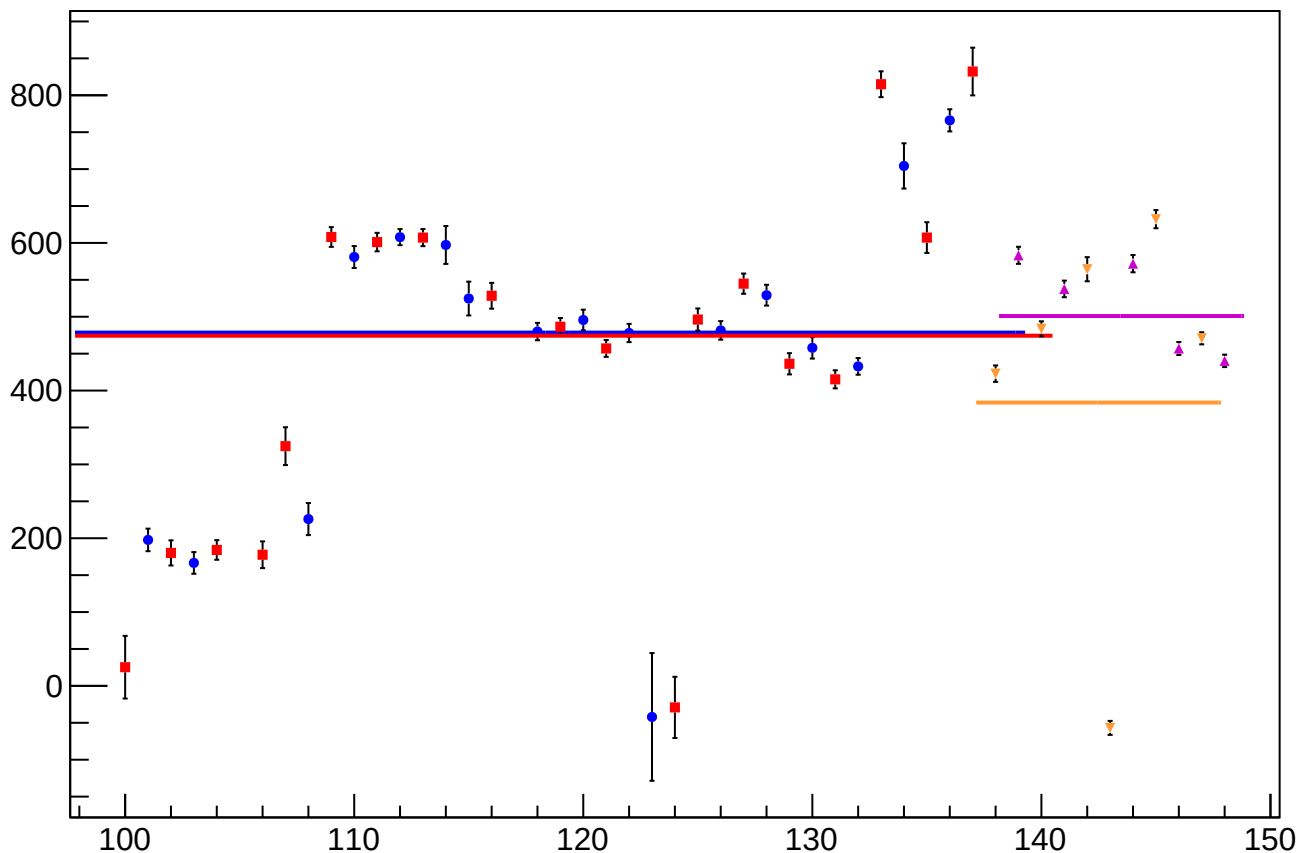
Left In: 21.668 ± 2.836 χ^2/NDF : 27.5/4

+ sign 1.275 ± 1.559 χ^2/NDF : 412.7/22

All: 4.414 ± 1.113 χ^2/NDF : 787.7/46

- sign 7.679 ± 1.590 χ^2/NDF : 366.8/23

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

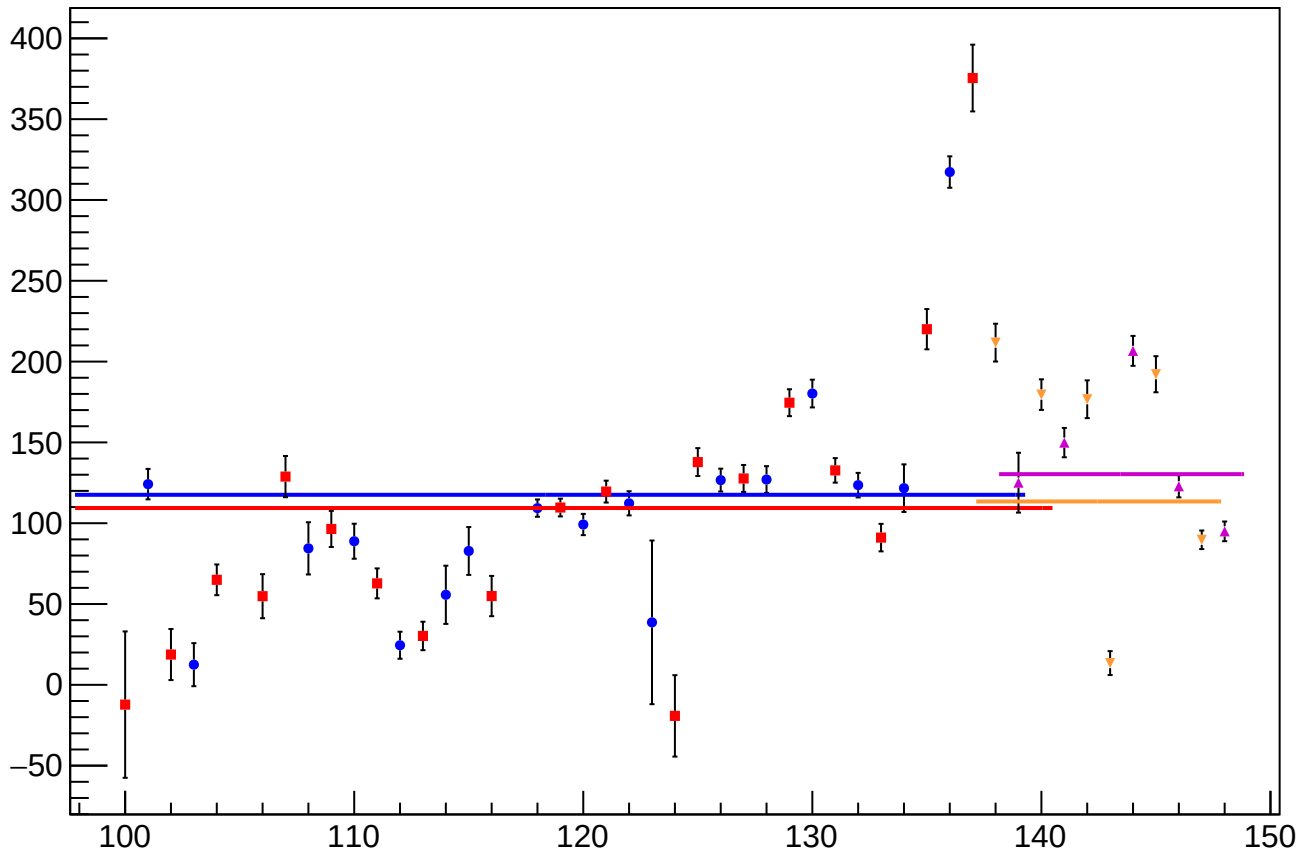
Left In: 500.981 $\pm$ 4.488 χ^2 /NDF:174.8/4

+ sign 439.165 $\pm$ 2.776 χ^2 /NDF: 4814.3/22

All: 461.842 $\pm$ 1.963 χ^2 /NDF: 7431.5/46

- sign 484.524 $\pm$ 2.776 χ^2 /NDF: 2483.7/23

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 117.585 ± 2.193 $\chi^2/\text{NDF}: 706.9/16$

Left Out: 113.467 ± 3.483 $\chi^2/\text{NDF}: 398.2/5$

Right Out: 109.400 ± 2.210 $\chi^2/\text{NDF}: 571.2/18$

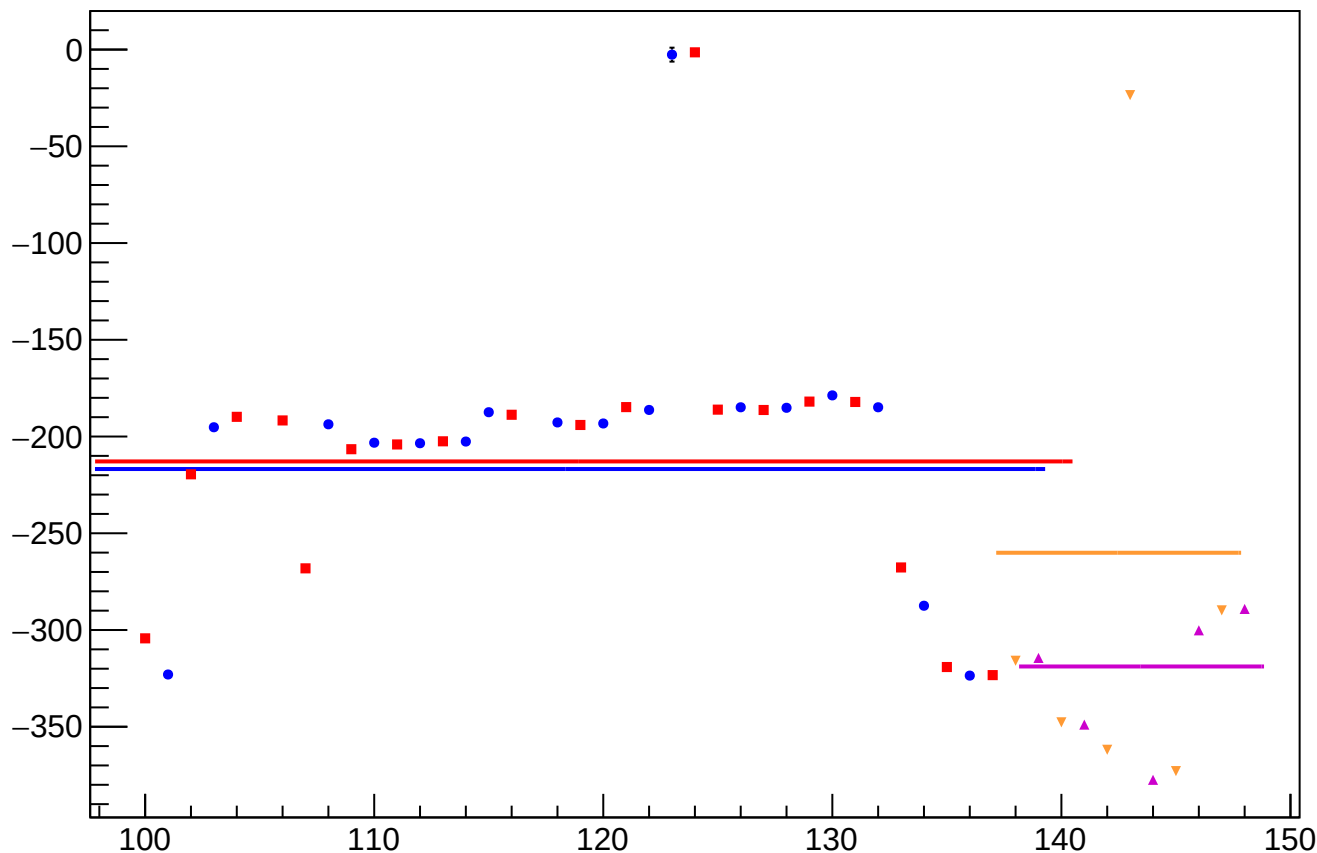
Left In: 130.357 ± 3.653 $\chi^2/\text{NDF}: 107.7/4$

+ sign 116.416 ± 1.856 $\chi^2/\text{NDF}: 1106.1/22$

All: 115.728 ± 1.324 $\chi^2/\text{NDF}: 1809.3/46$

- sign 115.014 ± 1.891 $\chi^2/\text{NDF}: 702.9/23$

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

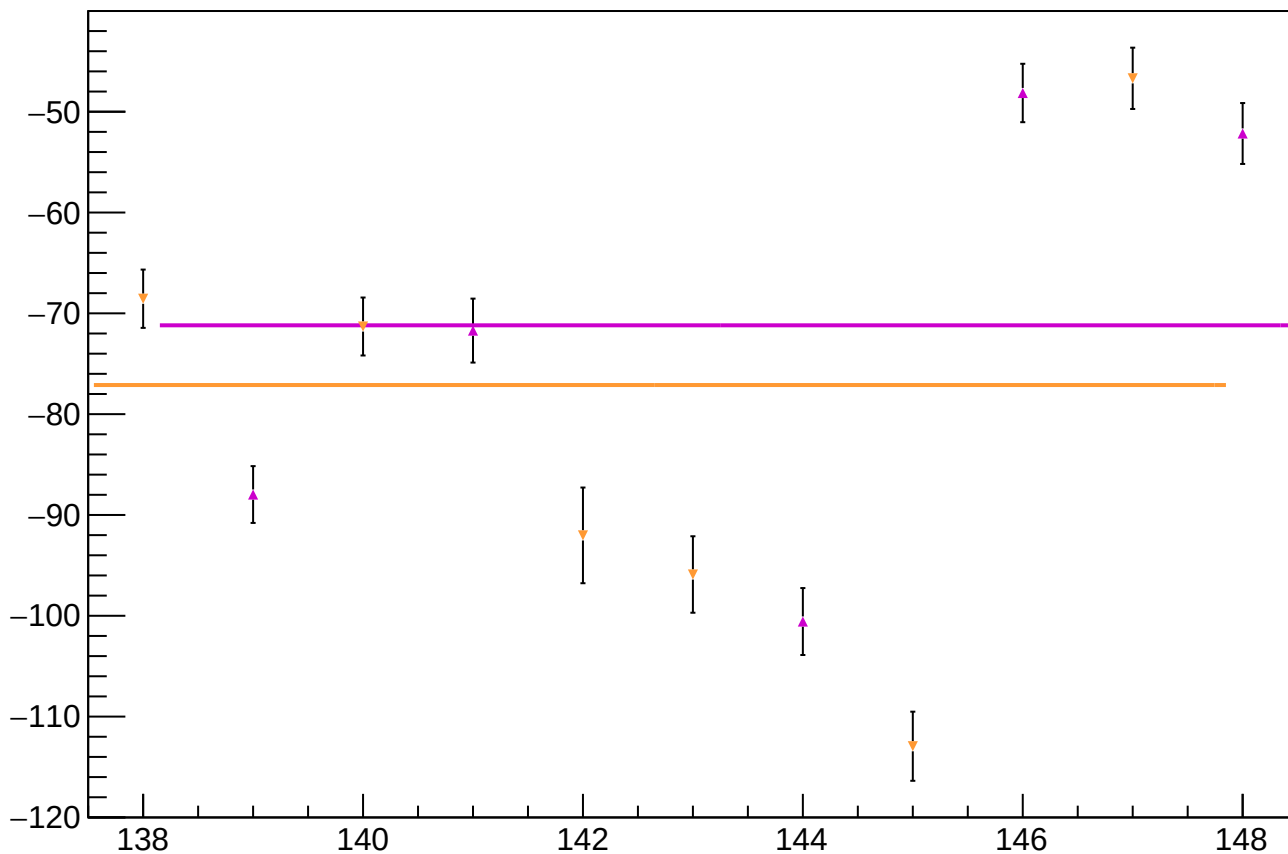
Left In: -318.847 ± 0.188 χ^2/NDF : 26425.9/4

+ sign -232.278 ± 0.109 χ^2/NDF : 708852.6/22

All: -239.892 ± 0.076 χ^2/NDF : 1076512.5/46

- sign -247.264 ± 0.107 χ^2/NDF : 358004.2/23

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

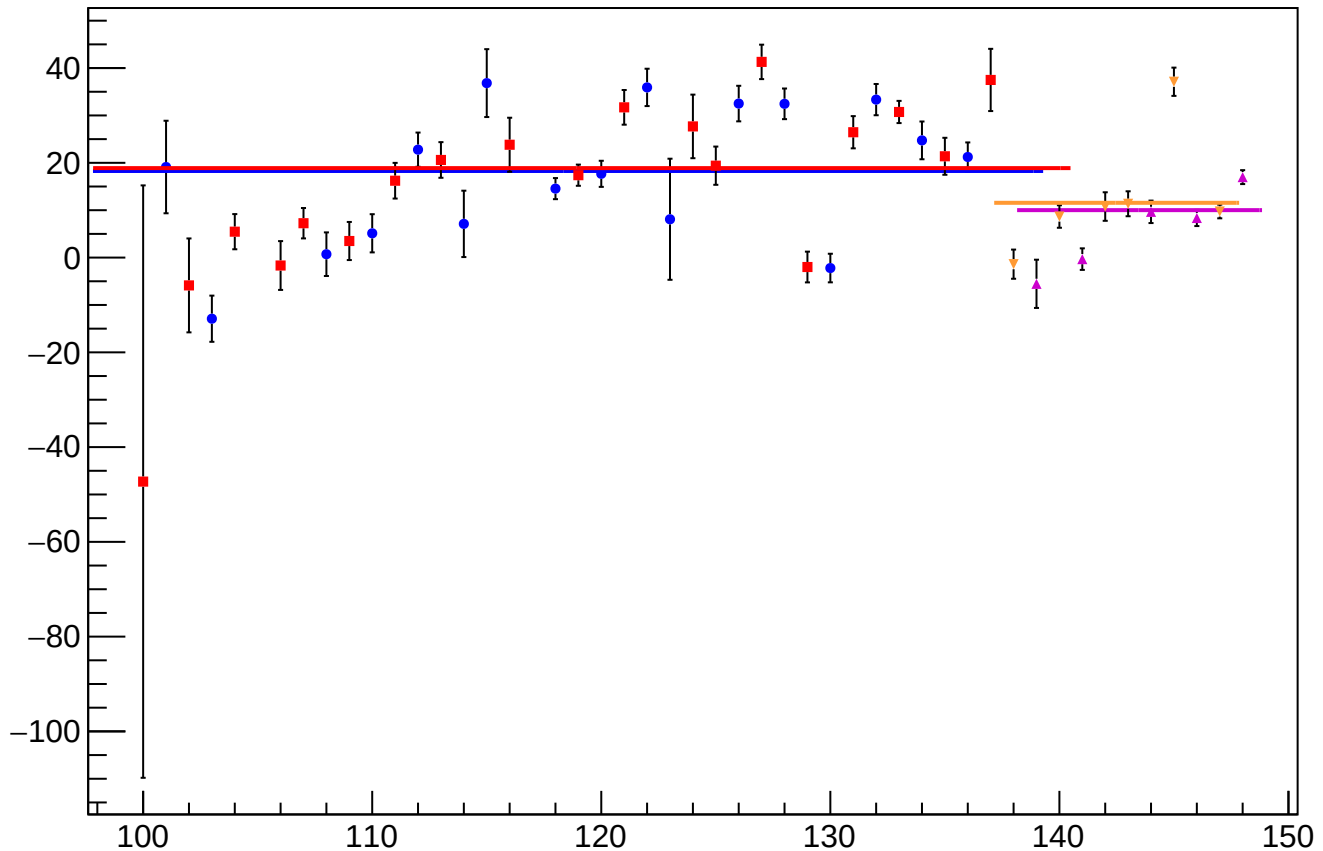
Left In: -71.188+/-1.355 χ^2/NDF : 216.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.157+/-0.957 χ^2/NDF : 483.0/10

- 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

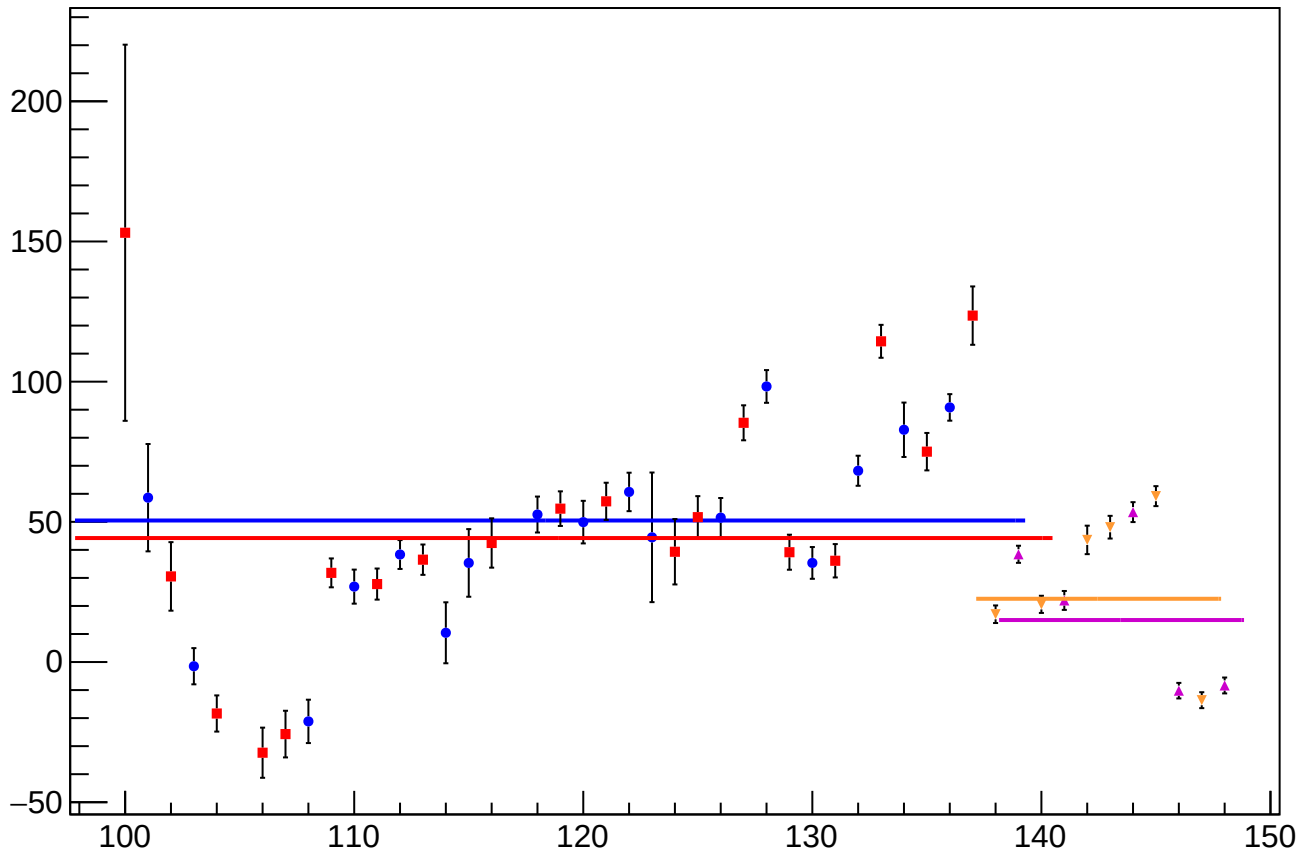
Left In: 10.013 $\pm$ 0.907 χ^2 /NDF: 53.4/4

+ sign 15.049 $\pm$ 0.652 χ^2 /NDF: 325.3/22

All: 14.846 $\pm$ 0.452 χ^2 /NDF: 627.5/46

- sign 14.659 $\pm$ 0.626 χ^2 /NDF: 302.0/23

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

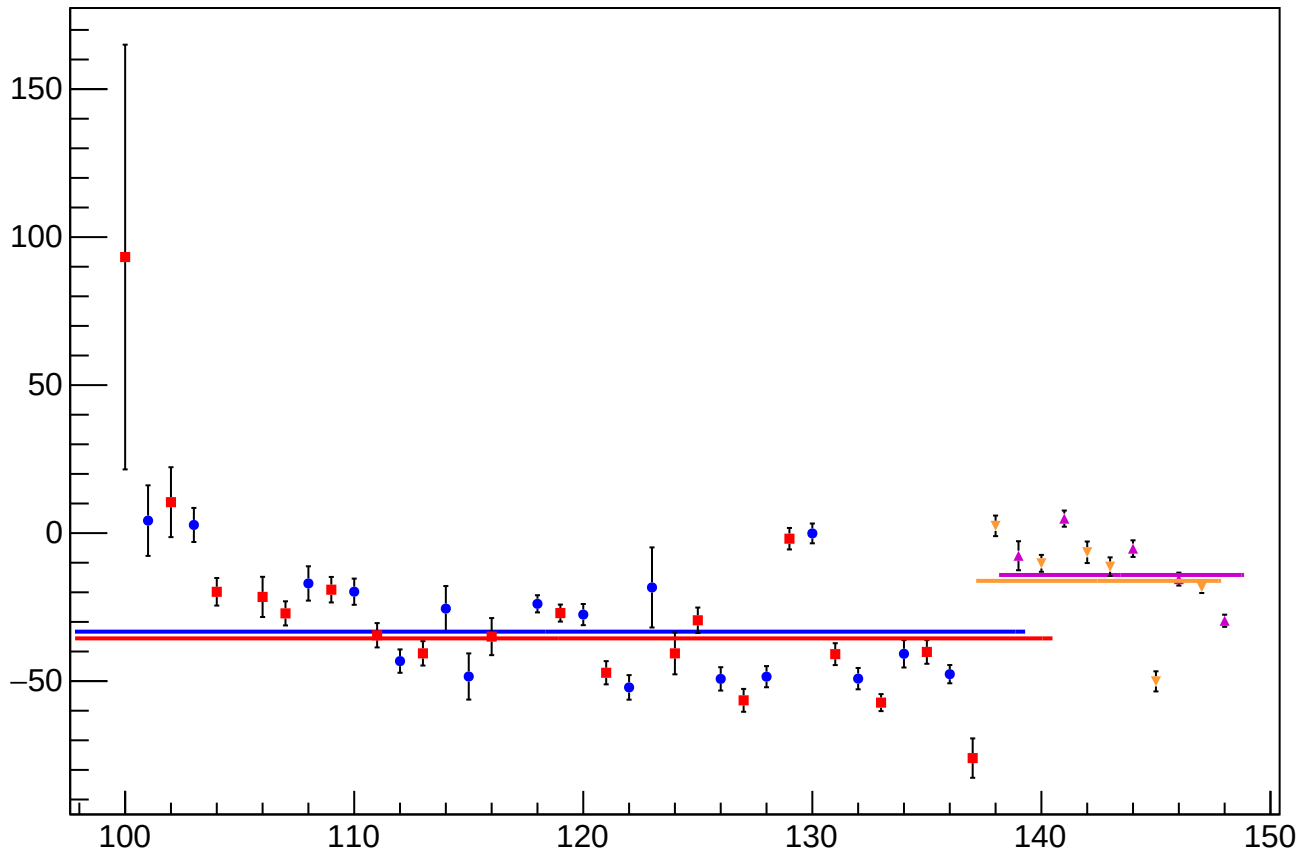
Left In: 14.981 $\pm$ 1.374 χ^2 /NDF: 331.4/4

+ sign 34.092 $\pm$ 1.072 χ^2 /NDF: 850.7/22

All: 30.640 $\pm$ 0.748 χ^2 /NDF: 1928.6/46

- sign 27.371 $\pm$ 1.043 χ^2 /NDF: 1057.7/23

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

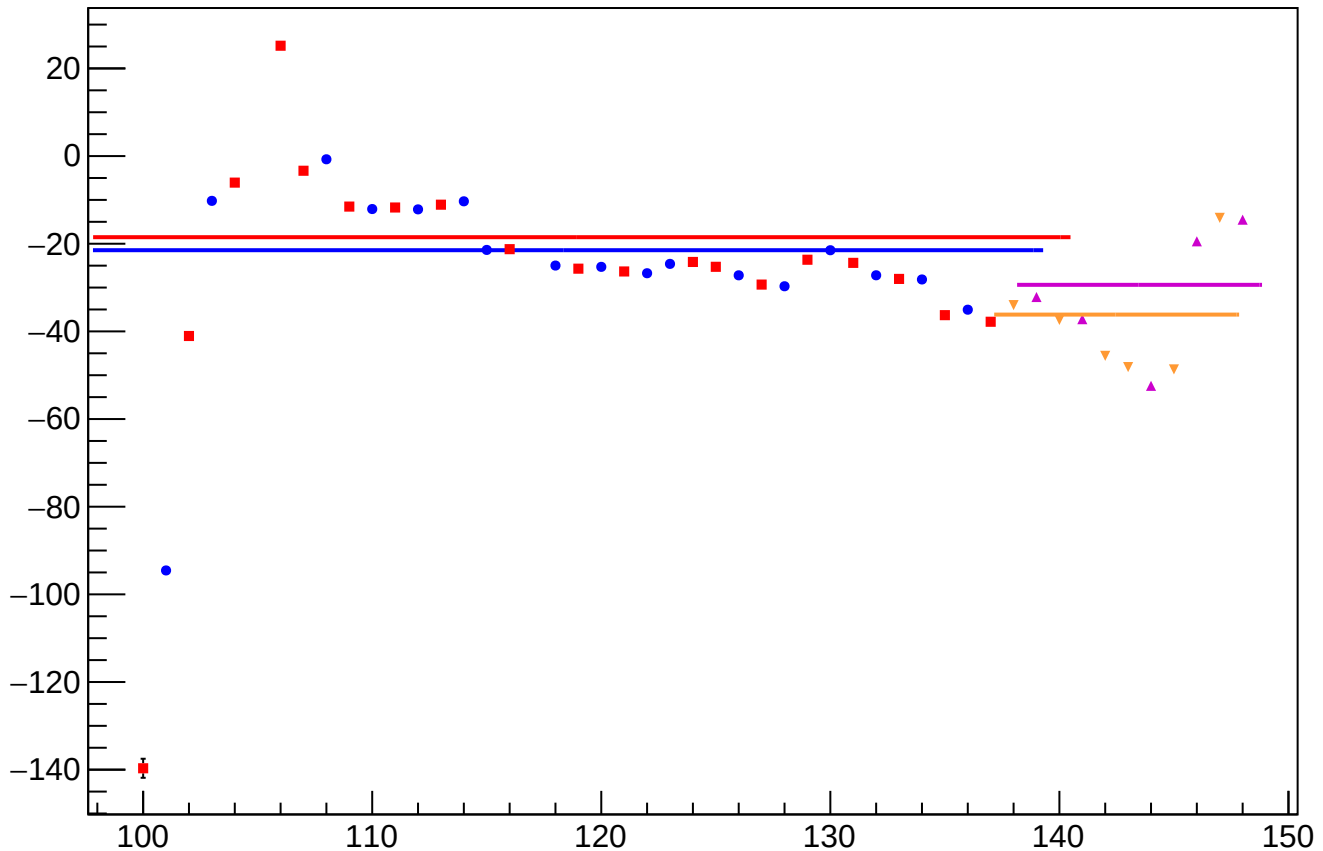
Left In: -14.141 ± 1.154 χ^2/NDF : 117.6/4

+ sign -25.822 ± 0.776 χ^2/NDF : 552.6/22

All: -26.151 ± 0.540 χ^2/NDF : 1156.2/46

- sign -26.461 ± 0.753 χ^2/NDF : 603.3/23

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 $\chi^2/\text{NDF}: 80734.5/18$

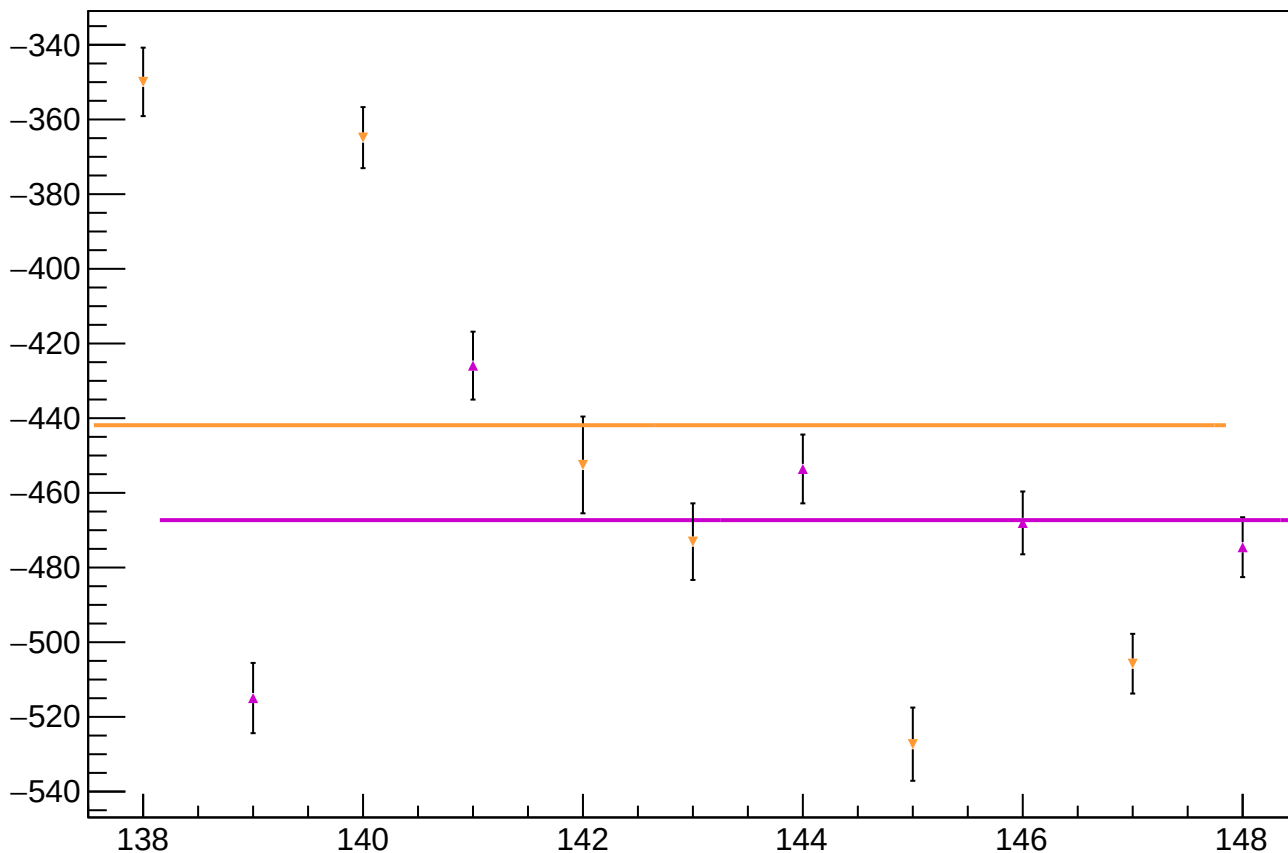
Left In: -29.378 ± 0.057 $\chi^2/\text{NDF}: 47093.0/4$

+ sign -28.844 ± 0.041 $\chi^2/\text{NDF}: 123712.2/22$

All: -26.359 ± 0.029 $\chi^2/\text{NDF}: 276726.5/46$

- sign -24.006 ± 0.040 $\chi^2/\text{NDF}: 146009.0/23$

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

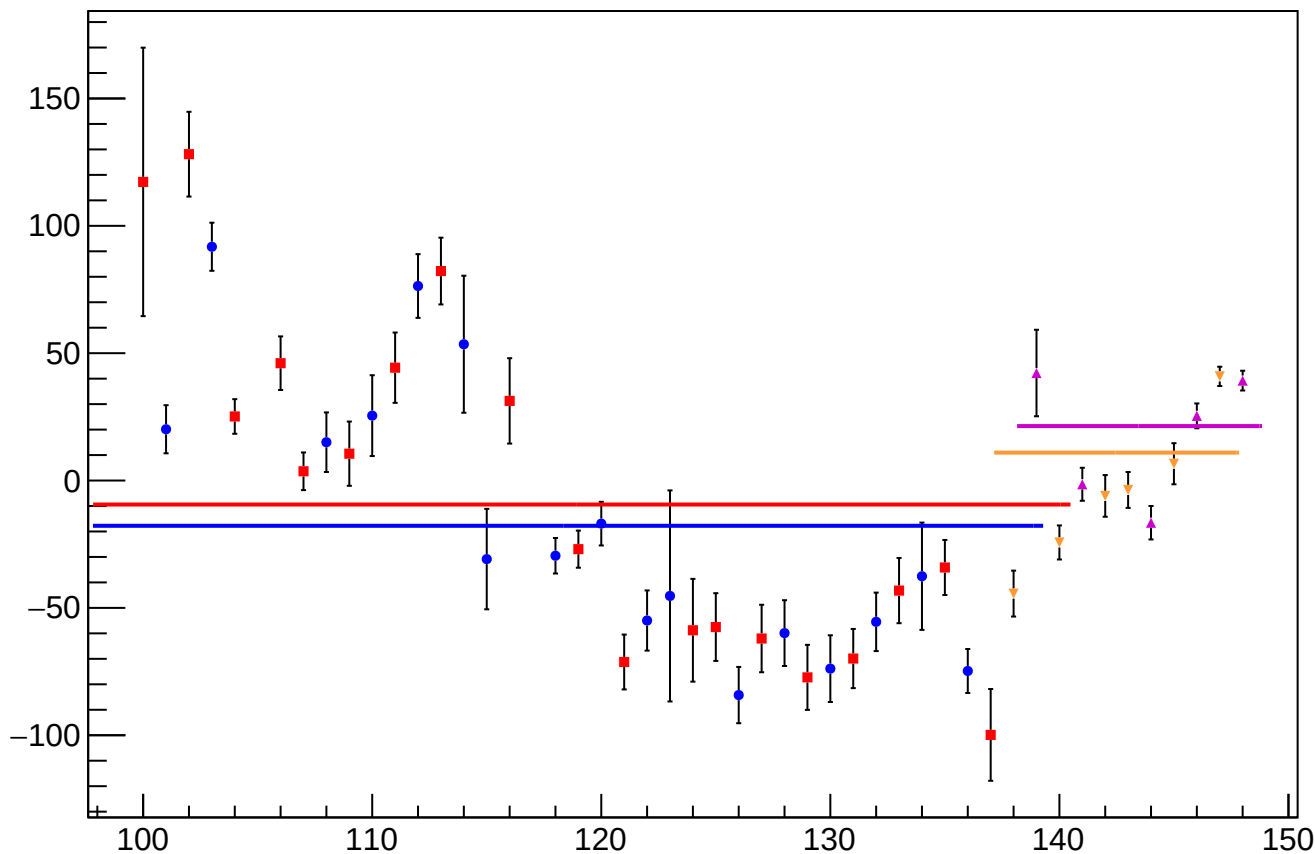
Left In: -467.305+/-3.927 χ^2/NDF : 49.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.259+/-2.740 χ^2/NDF : 409.9/10

- 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

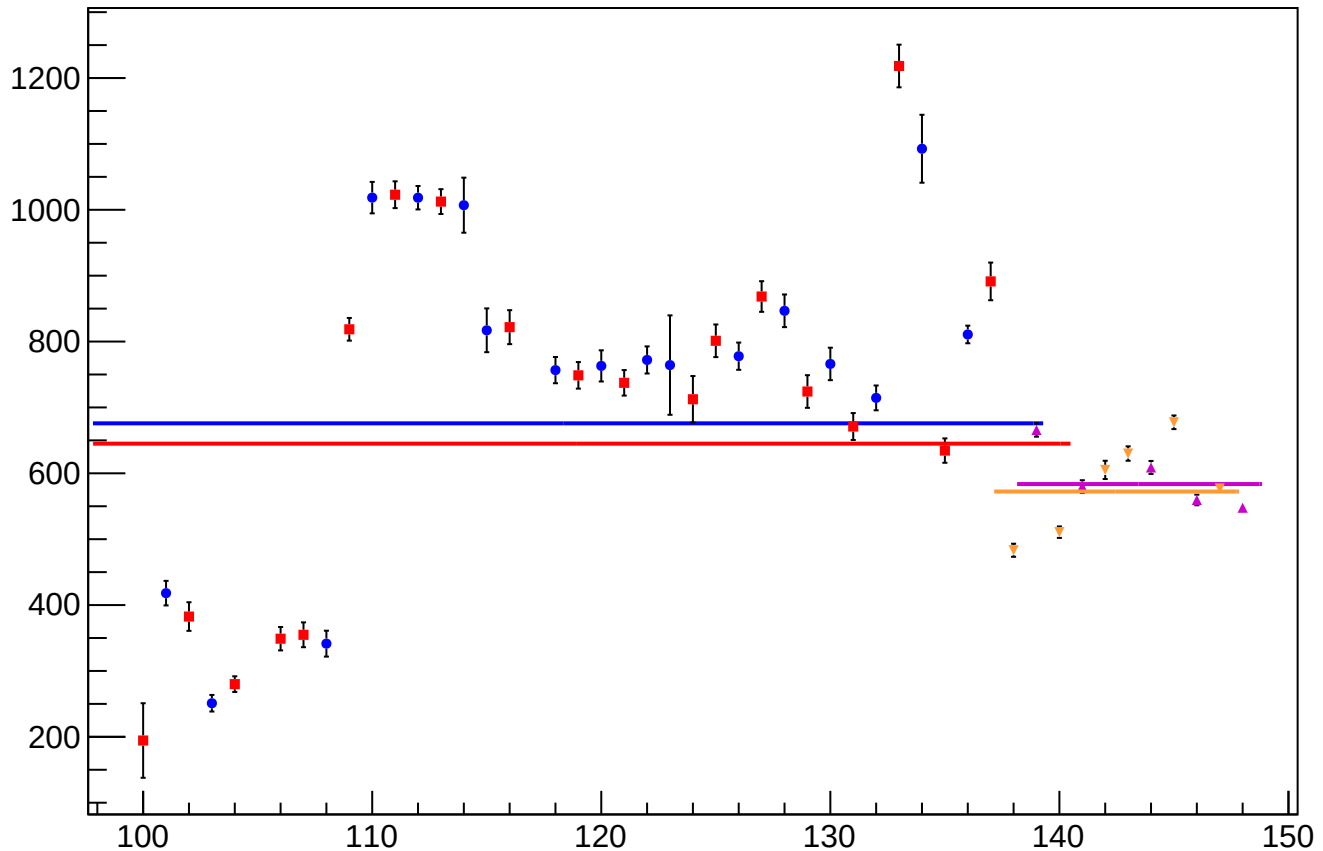
Left In: 21.385 ± 2.509 χ^2/NDF : 69.1/4

+ sign -2.112 ± 1.876 χ^2/NDF : 558.9/22

All: 2.405 ± 1.303 χ^2/NDF : 1081.1/46

- sign 6.608 ± 1.810 χ^2/NDF : 511.0/23

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

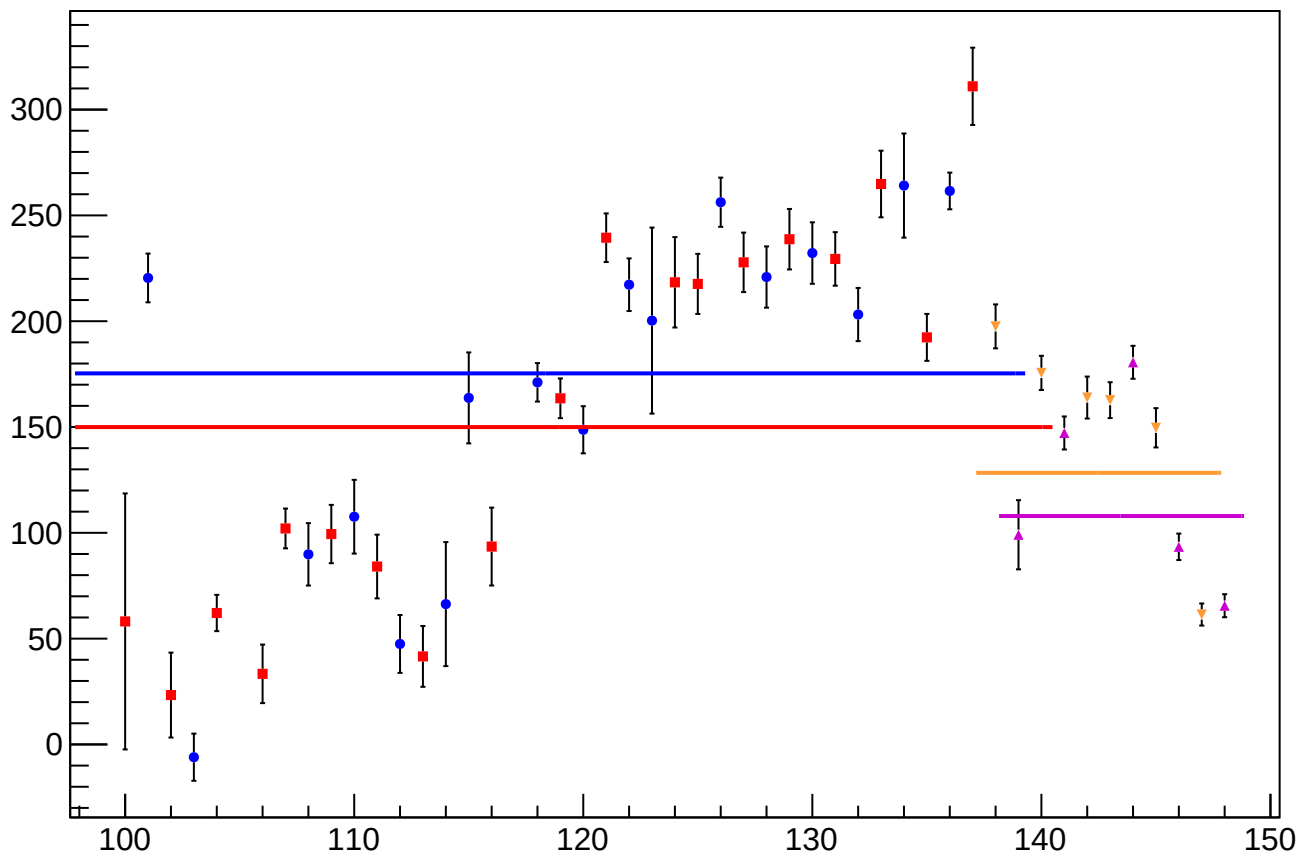
Left In: 583.688 ± 3.958 χ^2/NDF : 103.6/4

+ sign 611.748 ± 3.107 χ^2/NDF : 3115.7/22

All: 610.219 ± 2.174 χ^2/NDF : 6441.2/46

- sign 608.752 ± 3.044 χ^2/NDF : 3325.0/23

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.341 $\pm$ 3.203 χ^2 /NDF: 638.5/16

Left Out: 128.358 $\pm$ 3.212 χ^2 /NDF: 277.4/5

Right Out: 149.966 $\pm$ 3.045 χ^2 /NDF: 693.2/18

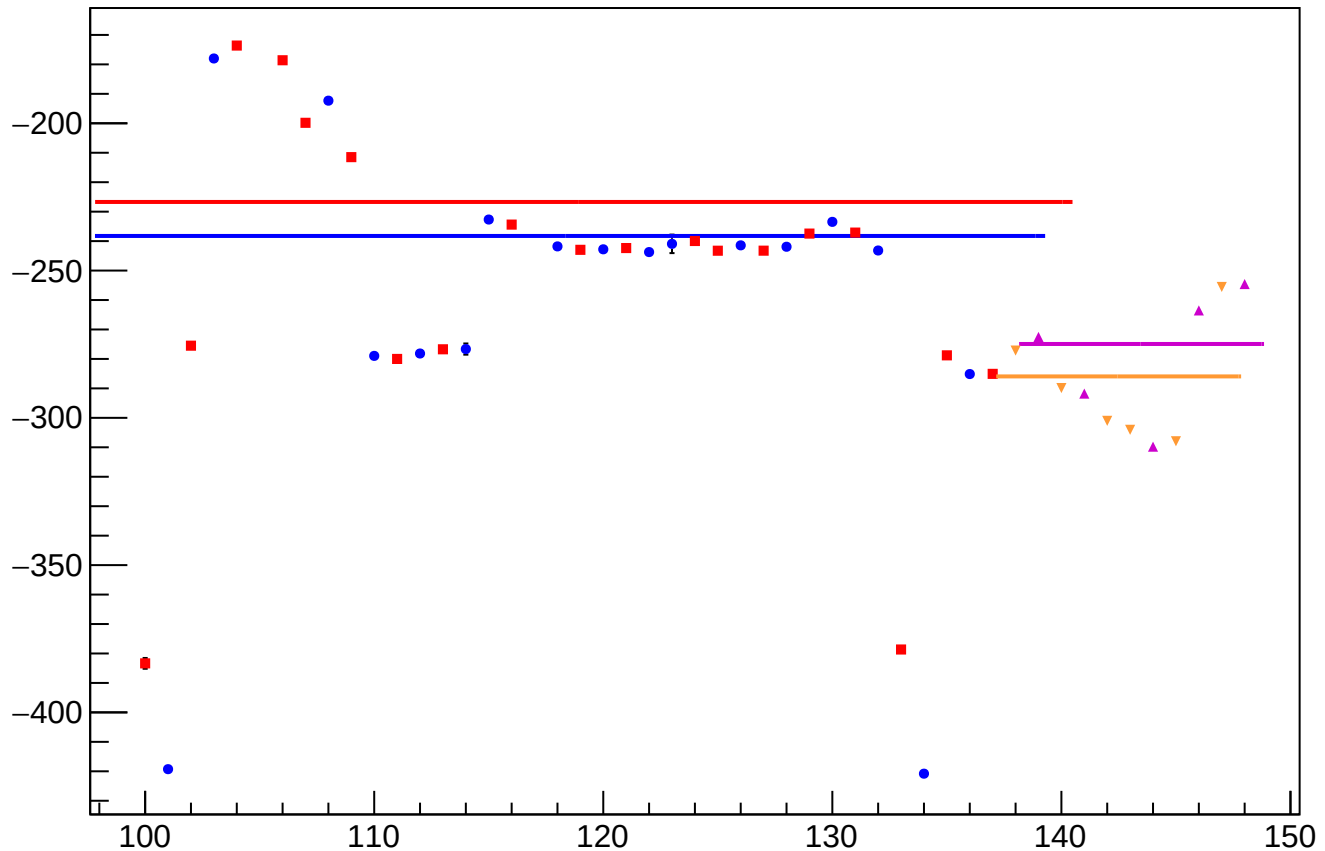
Left In: 107.940 $\pm$ 3.225 χ^2 /NDF: 178.8/4

+ sign 151.918 $\pm$ 2.268 χ^2 /NDF: 1023.1/22

All: 140.777 $\pm$ 1.584 χ^2 /NDF: 2032.0/46

- sign 130.159 $\pm$ 2.214 χ^2 /NDF: 961.8/23

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.248+/-0.160 χ^2/NDF : 167125.9/16

Left Out: -285.935+/-0.167 χ^2/NDF :13397.3/5

Right Out: -226.706+/-0.151 χ^2/NDF : 102831.3/18

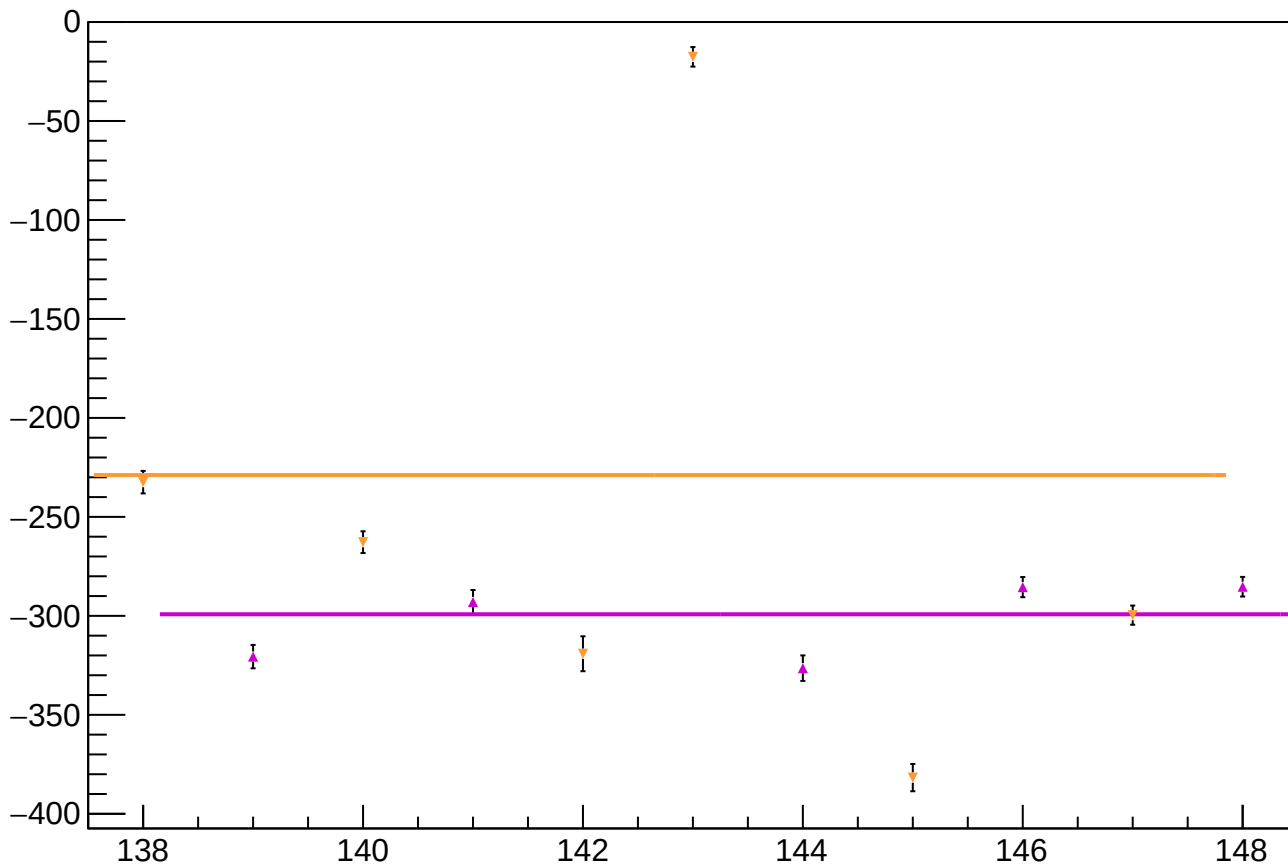
Left In: -274.923+/-0.165 χ^2/NDF :13376.5/4

+ sign -261.028+/-0.116 χ^2/NDF : 222997.8/22

All: -254.615+/-0.080 χ^2/NDF : 391477.5/46

- sign -248.642+/-0.112 χ^2/NDF : 162533.8/23

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

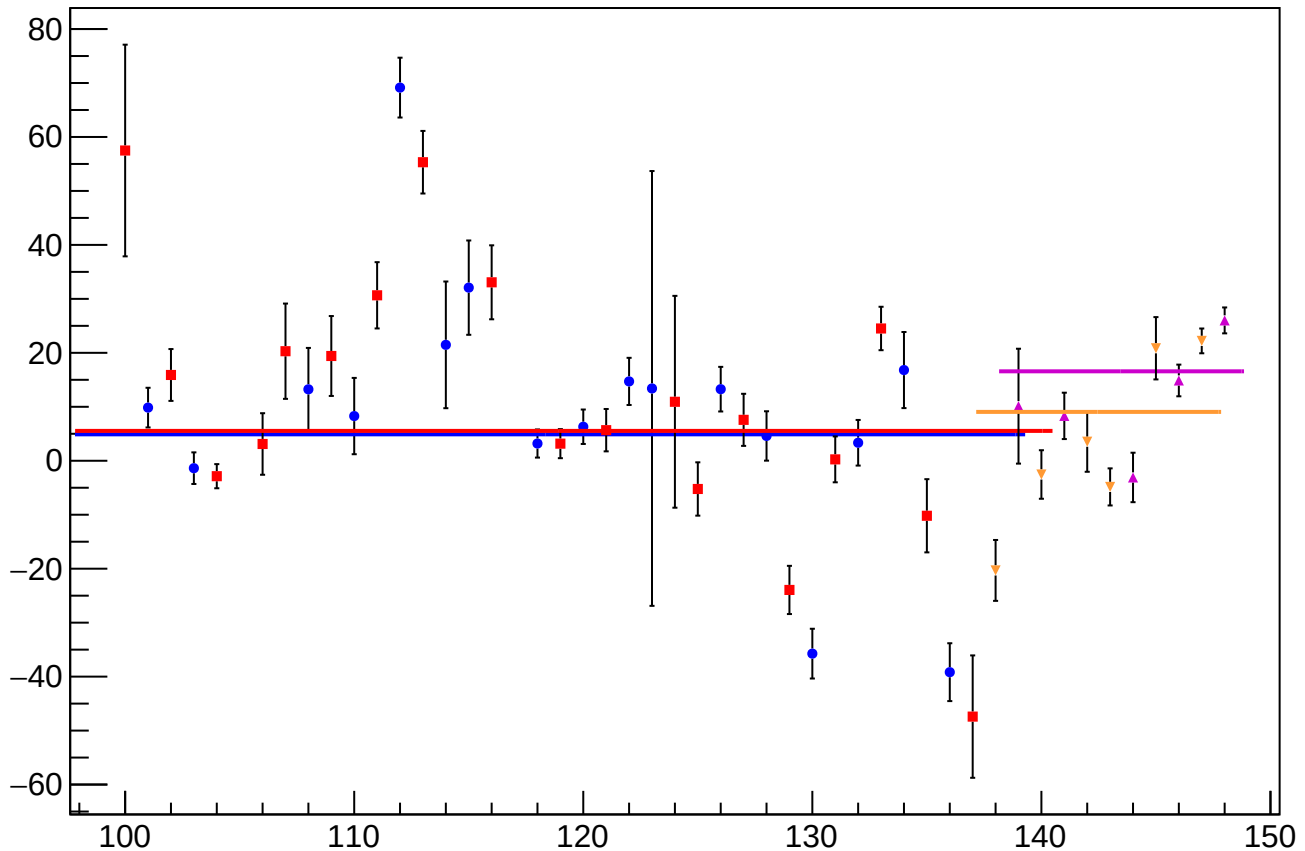
Left In: -299.190+/-2.503 χ^2/NDF : 47.2/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -261.763+/-1.712 χ^2/NDF : 3140.6/10

- 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

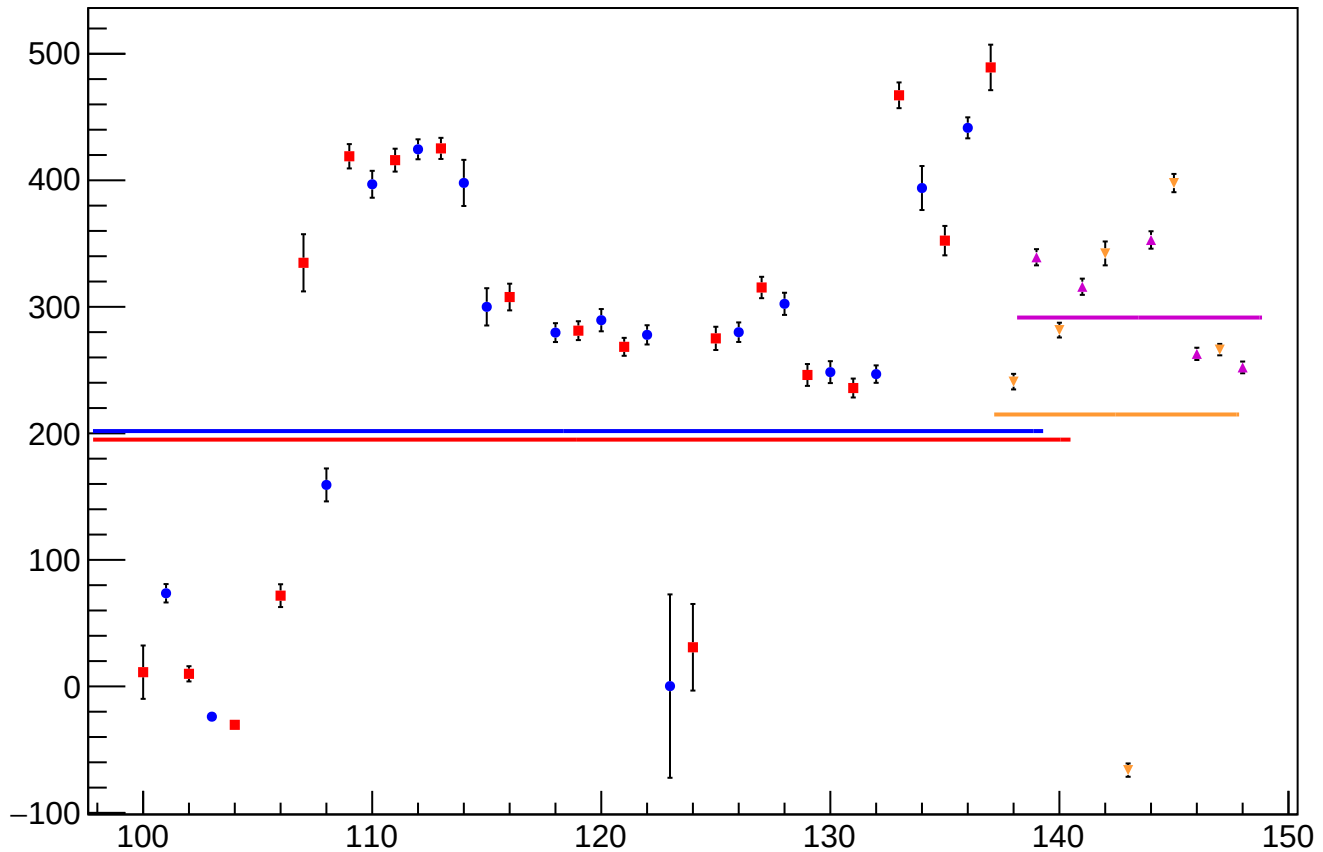
Left In: 16.574 ± 1.581 χ^2/NDF : 38.3/4

+ sign 6.274 ± 0.891 χ^2/NDF : 404.9/22

All: 7.647 ± 0.628 χ^2/NDF : 720.5/46

- sign 9.009 ± 0.887 χ^2/NDF : 310.8/23

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

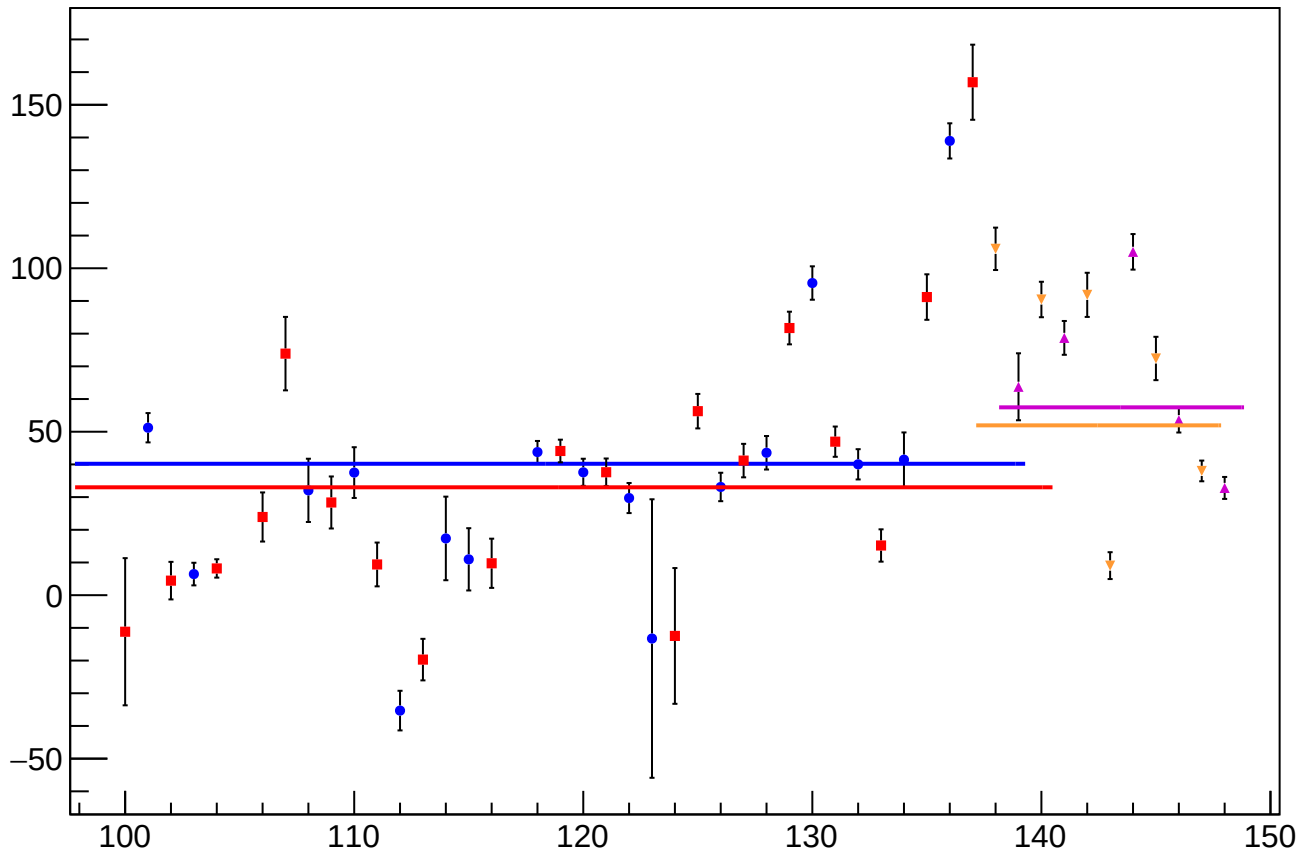
Left In: 291.539 $\pm$ 2.511 χ^2 /NDF:255.9/4

+ sign 207.035 $\pm$ 1.528 χ^2 /NDF: 10705.3/22

All: 218.894 $\pm$ 1.080 χ^2 /NDF: 20268.7/46

- sign 230.747 $\pm$ 1.528 χ^2 /NDF: 9443.0/23

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.196 $\pm$ 1.268 χ^2 /NDF: 735.0/16

Left Out: 51.948 $\pm$ 1.955 χ^2 /NDF: 292.7/5

Right Out: 32.999 $\pm$ 1.253 χ^2 /NDF: 554.1/18

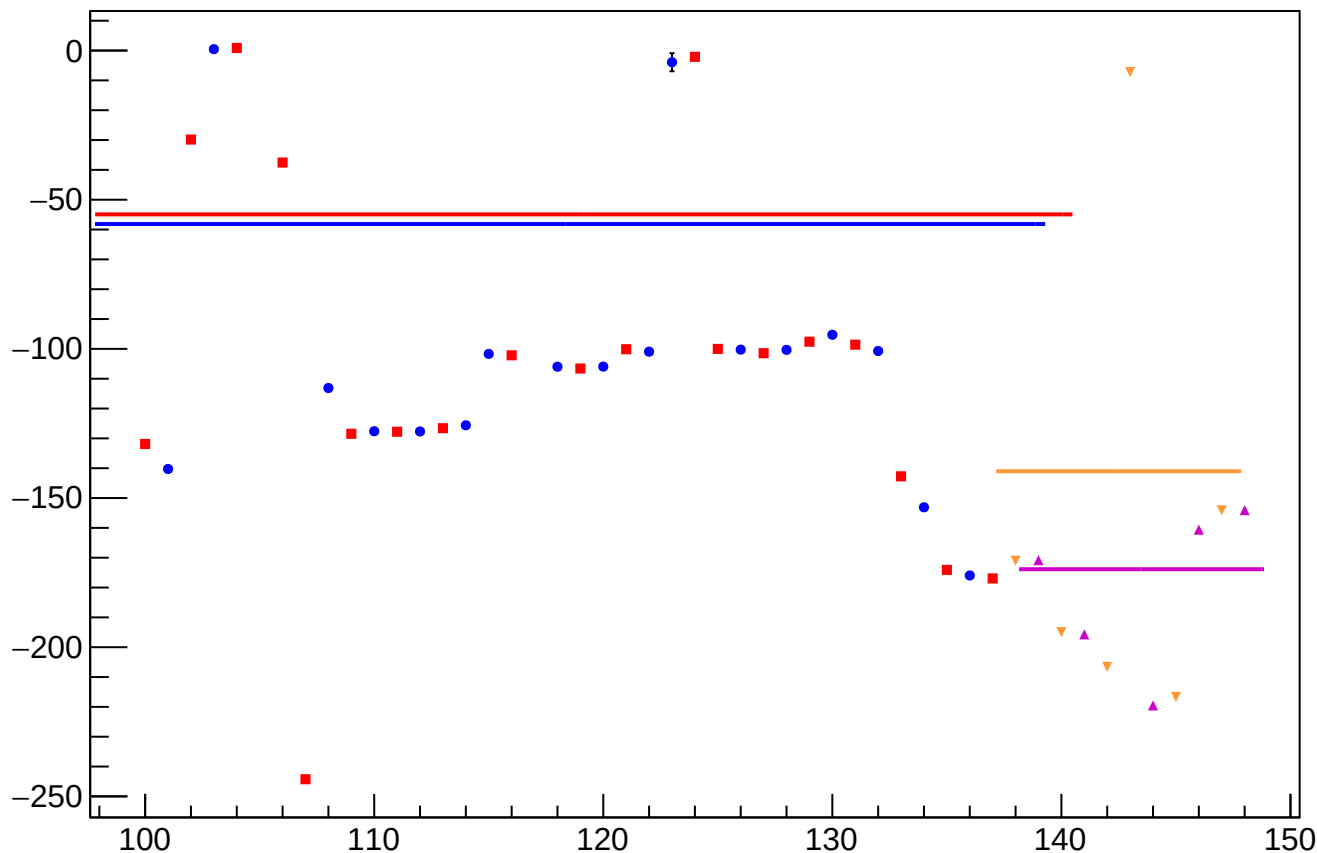
Left In: 57.457 $\pm$ 2.042 χ^2 /NDF: 148.7/4

+ sign 43.673 $\pm$ 1.064 χ^2 /NDF: 1053.0/22

All: 41.687 $\pm$ 0.754 χ^2 /NDF: 1867.1/46

- sign 39.687 $\pm$ 1.068 χ^2 /NDF: 807.0/23

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -58.155 ± 0.062 $\chi^2/\text{NDF}: 1105509.3/16$

Left Out: -141.027 ± 0.102 $\chi^2/\text{NDF}: 564956.4/5$

Right Out: -54.914 ± 0.060 $\chi^2/\text{NDF}: 1003885.5/18$

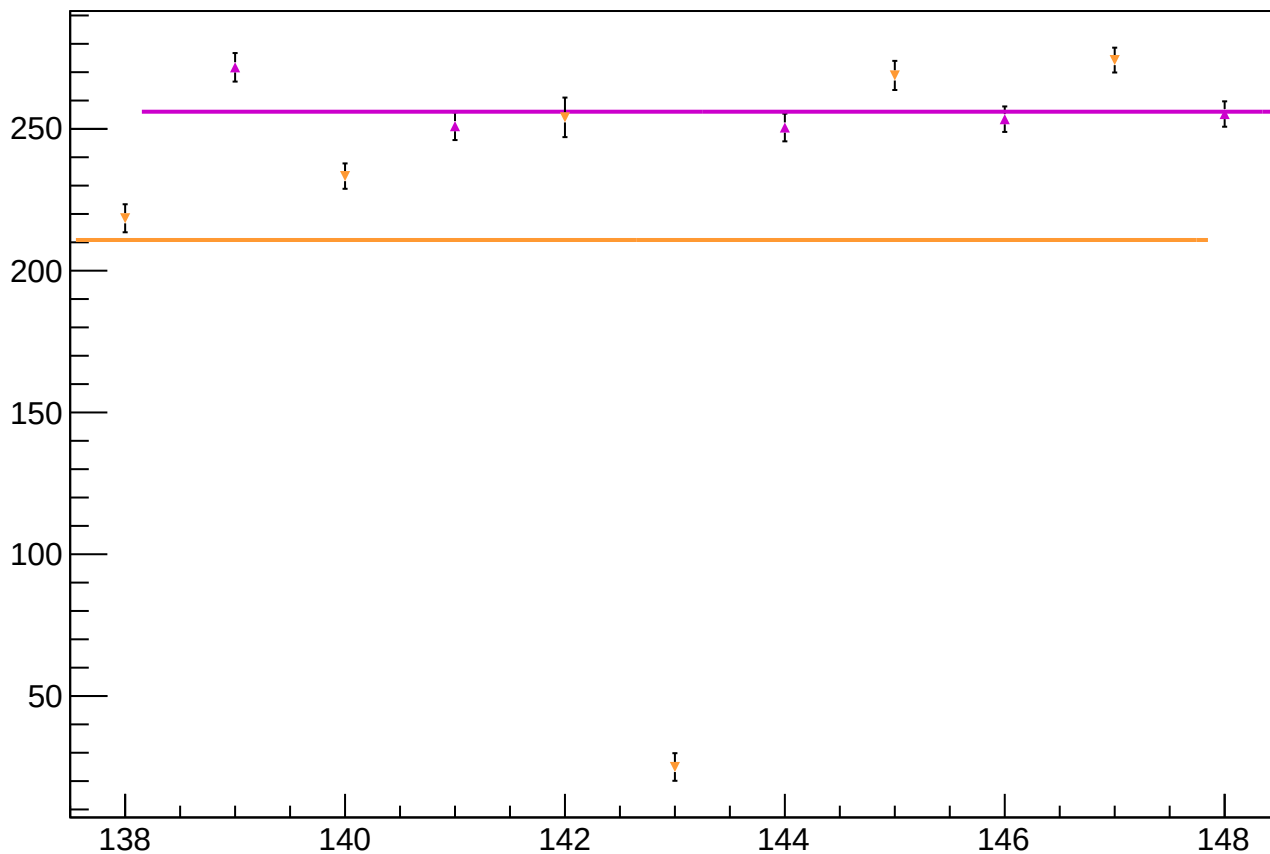
Left In: -173.858 ± 0.105 $\chi^2/\text{NDF}: 43546.7/4$

+ sign -80.229 ± 0.053 $\chi^2/\text{NDF}: 2152965.6/22$

All: -82.311 ± 0.037 $\chi^2/\text{NDF}: 4169080.7/46$

- sign -84.354 ± 0.052 $\chi^2/\text{NDF}: 2013026.8/23$

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

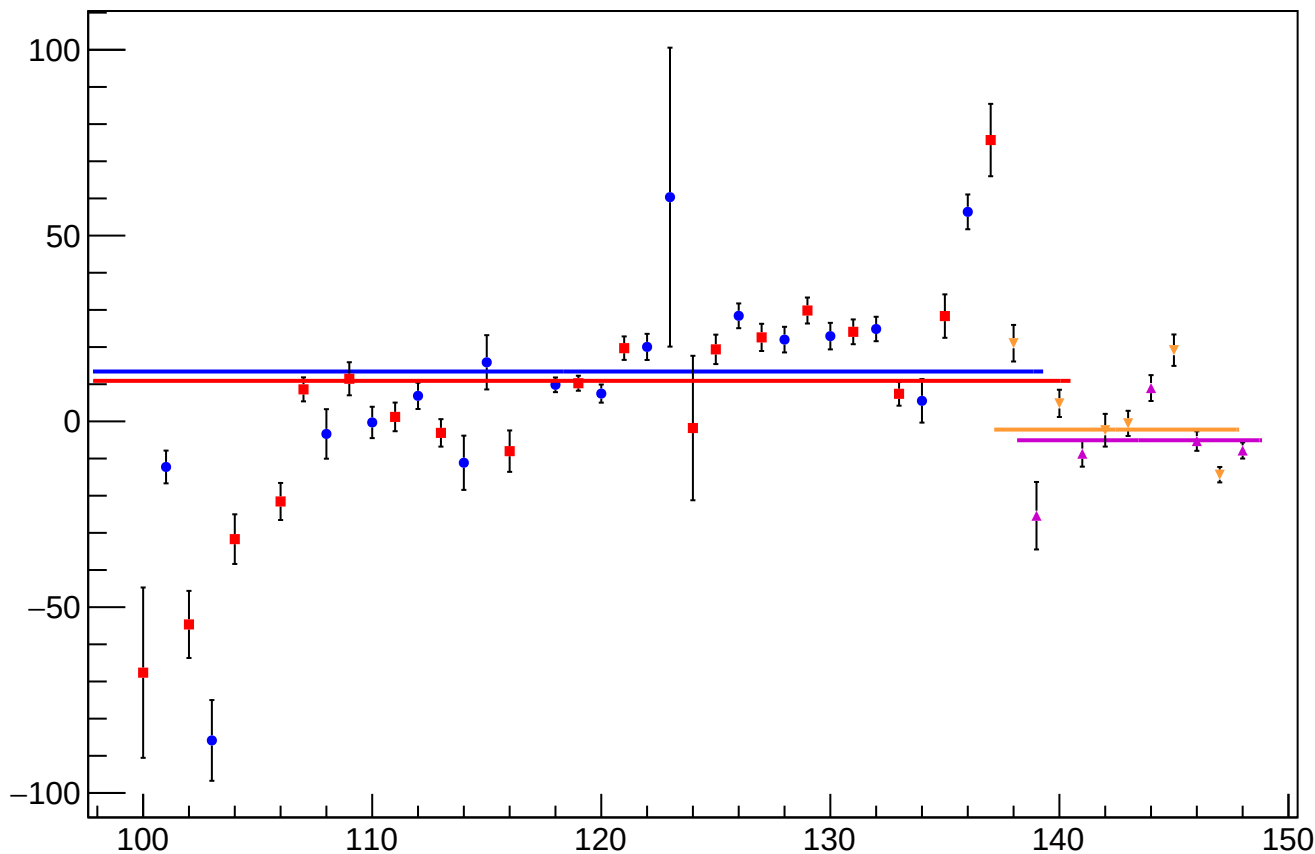
Left In: 256.063+/-2.120 χ^2/NDF : 12.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 232.421+/-1.465 χ^2/NDF : 2110.4/10

- 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 $\chi^2/\text{NDF}: 295.2/16$

Left Out: -2.208 ± 1.358 $\chi^2/\text{NDF}: 85.9/5$

Right Out: 10.908 ± 0.916 $\chi^2/\text{NDF}: 302.6/18$

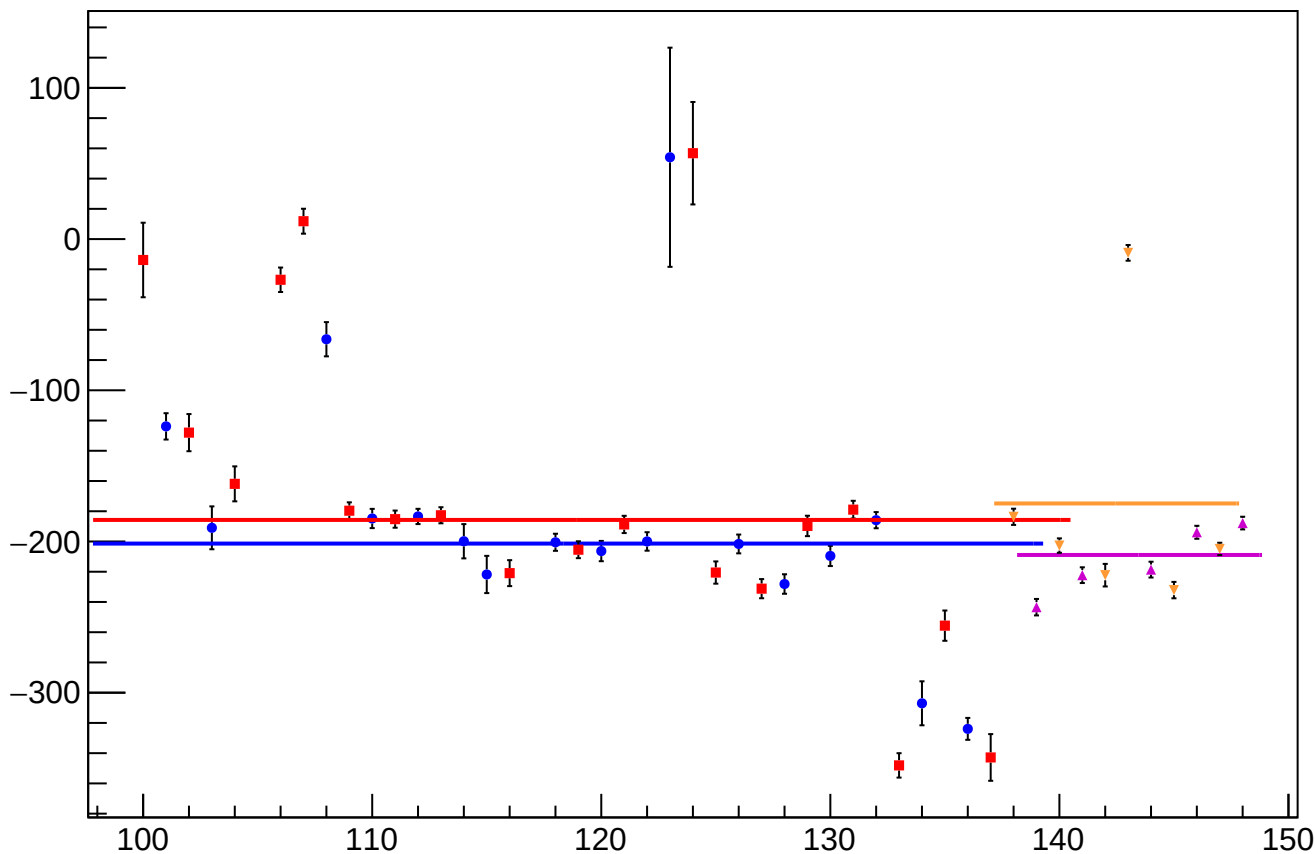
Left In: -5.080 ± 1.368 $\chi^2/\text{NDF}: 24.0/4$

+ sign 8.509 ± 0.761 $\chi^2/\text{NDF}: 472.0/22$

All: 7.234 ± 0.538 $\chi^2/\text{NDF}: 898.4/46$

- sign 5.959 ± 0.761 $\chi^2/\text{NDF}: 420.8/23$

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

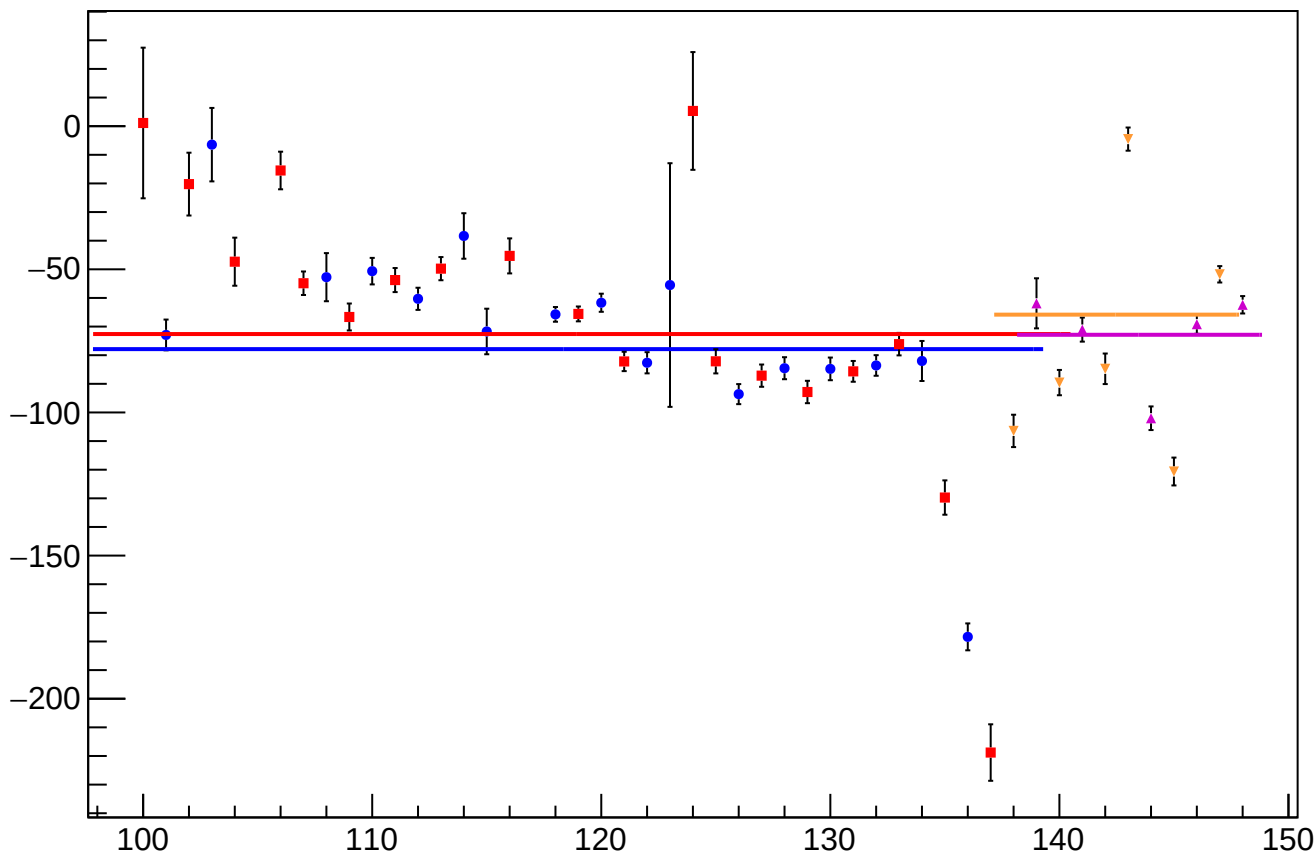
Left In: -208.915 ± 2.141 χ^2/NDF : 87.6/4

+ sign -190.272 ± 1.357 χ^2/NDF : 1975.8/22

All: -192.528 ± 0.950 χ^2/NDF : 3890.1/46

- sign -194.702 ± 1.331 χ^2/NDF : 1908.8/23

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -77.877 ± 1.066 χ^2/NDF : 658.2/16

Left Out: -65.834 ± 1.707 χ^2/NDF : 473.9/5

Right Out: -72.612 ± 1.054 χ^2/NDF : 606.9/18

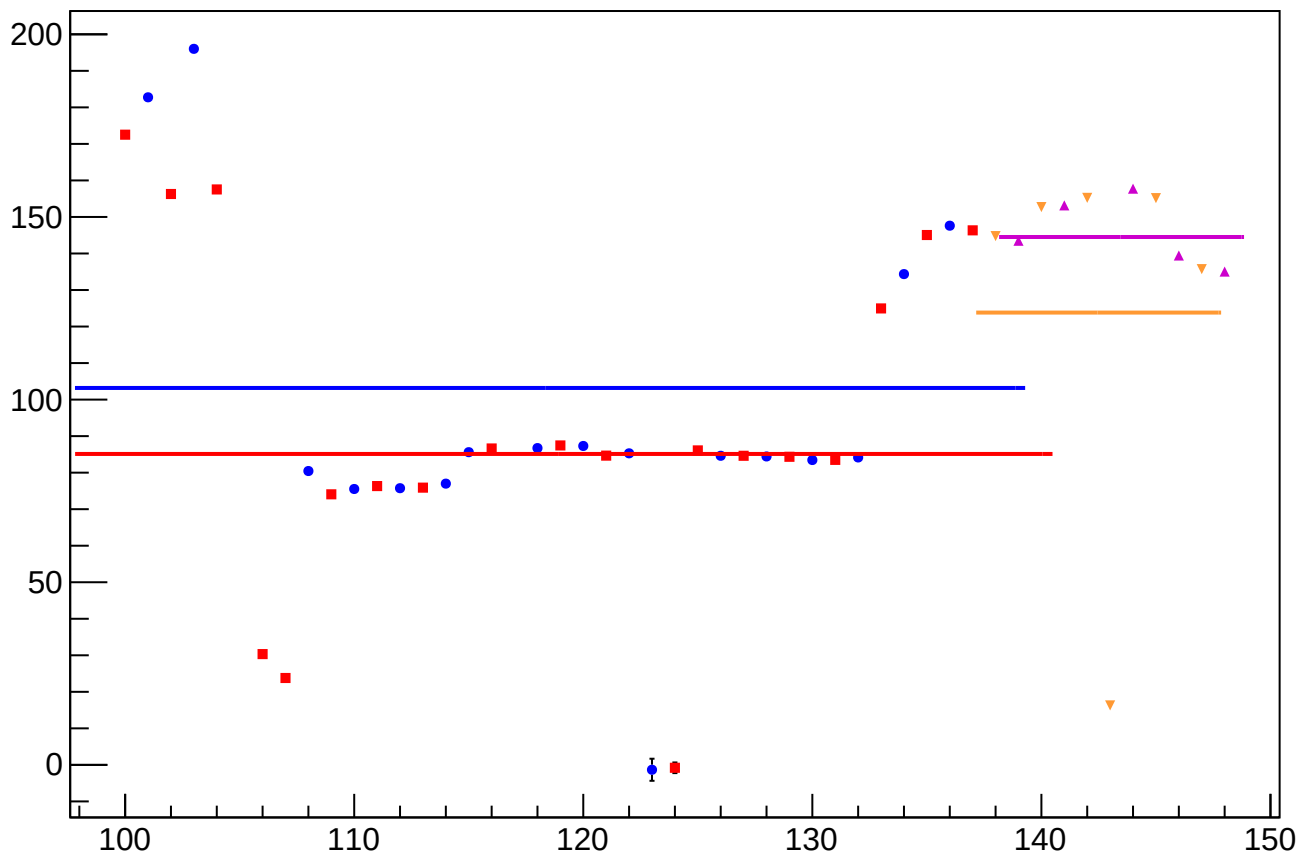
Left In: -72.870 ± 1.753 χ^2/NDF : 64.8/4

+ sign -74.501 ± 0.904 χ^2/NDF : 1167.9/22

All: -73.590 ± 0.639 χ^2/NDF : 1841.6/46

- sign -72.680 ± 0.903 χ^2/NDF : 671.7/23

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

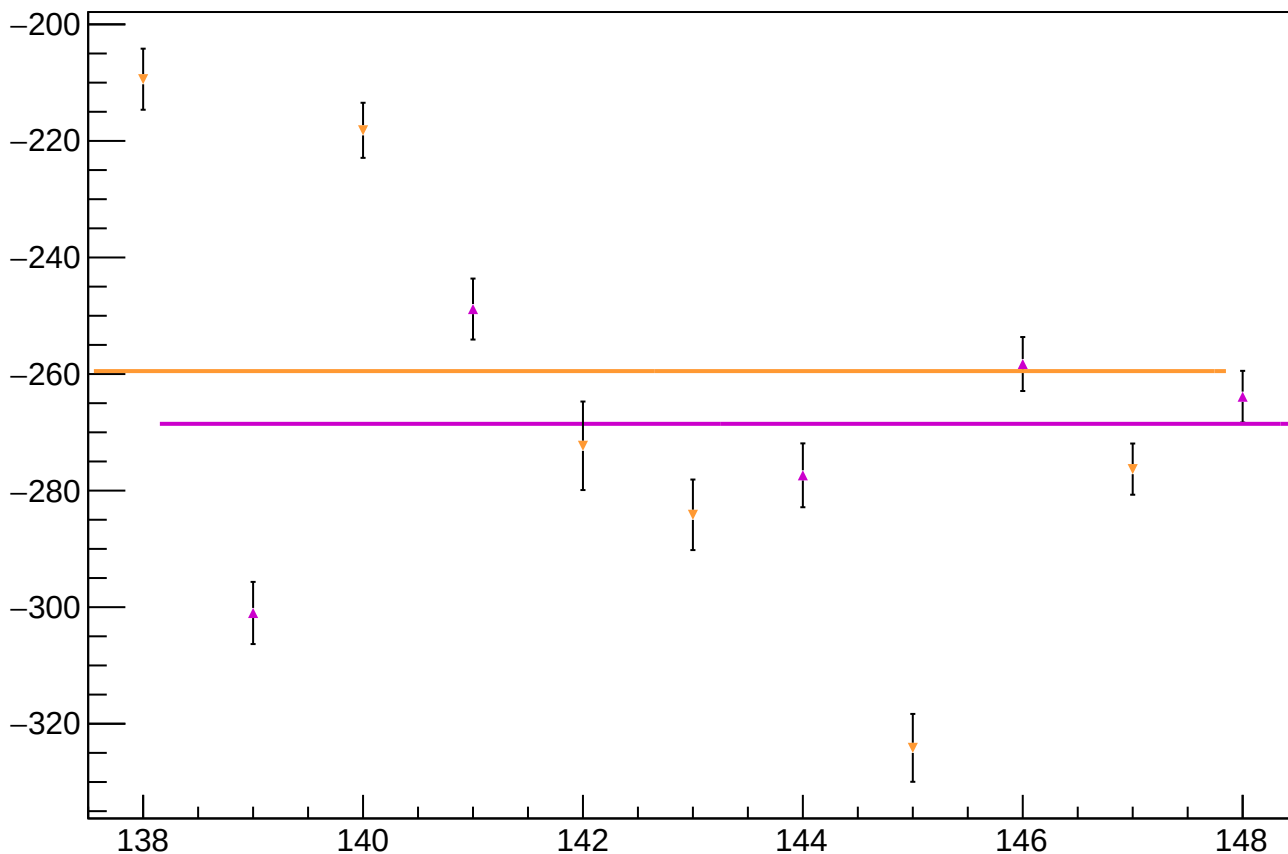
Left In: 144.514 $\pm$ 0.089 χ^2 /NDF: 8497.4/4

+ sign 111.205 $\pm$ 0.055 χ^2 /NDF: 639832.7/22

All: 107.987 $\pm$ 0.038 χ^2 /NDF: 1370858.4/46

- sign 105.123 $\pm$ 0.052 χ^2 /NDF: 724558.4/23

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

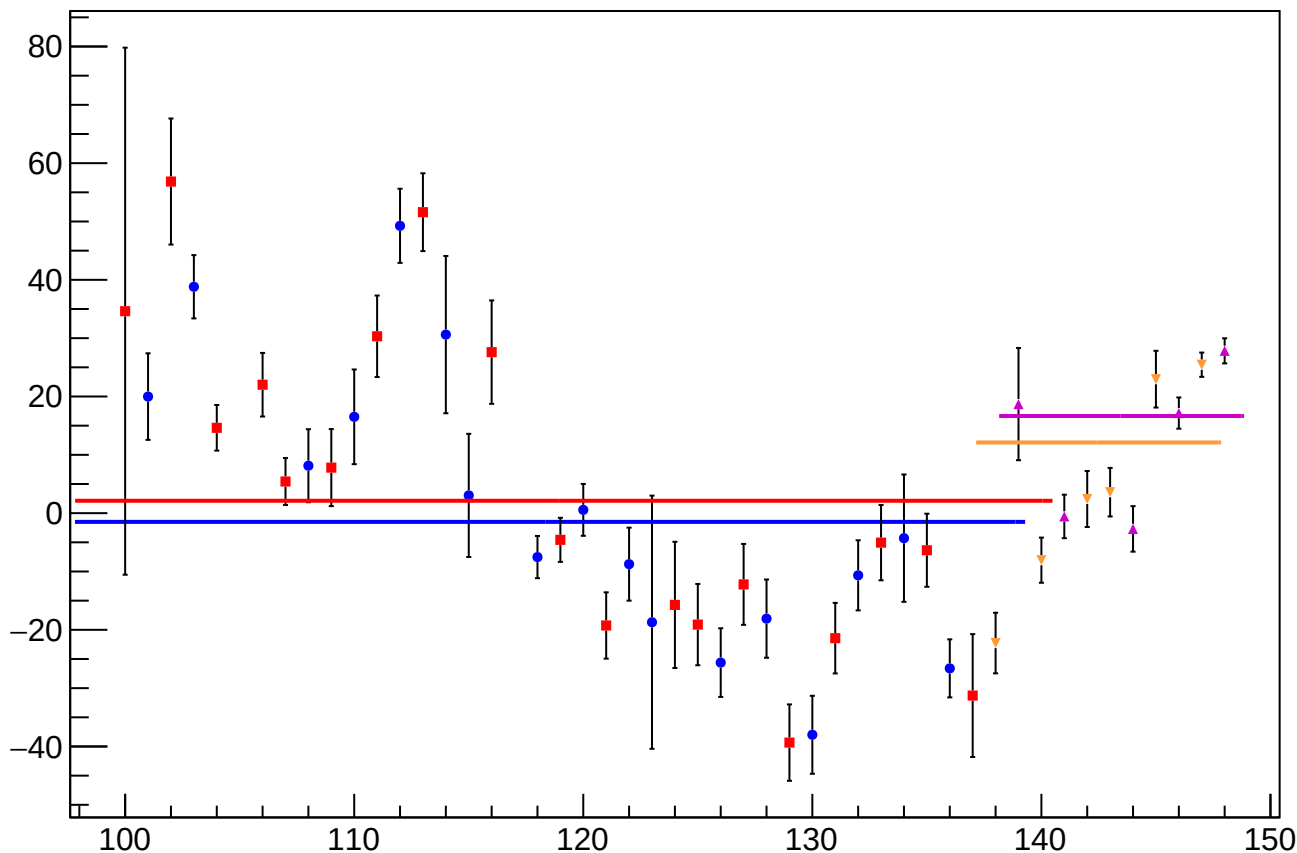
Left In: -268.542+/-2.222 χ^2/NDF : 59.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.966+/-1.562 χ^2/NDF : 393.4/10

- 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

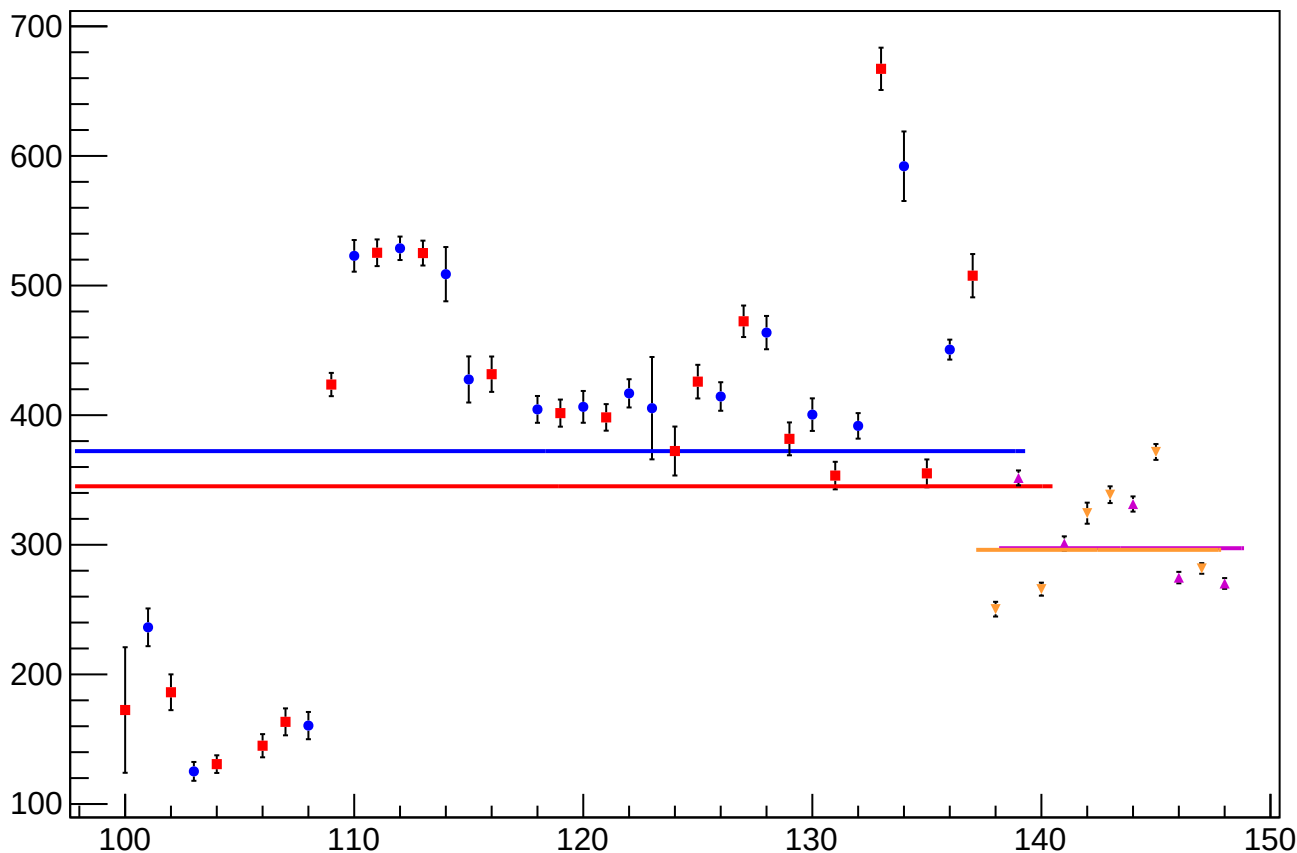
Left In: 16.655 ± 1.408 χ^2/NDF : 73.0/4

+ sign 5.625 ± 1.046 χ^2/NDF : 393.7/22

All: 7.587 ± 0.720 χ^2/NDF : 759.4/46

- sign 9.360 ± 0.994 χ^2/NDF : 359.1/23

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 372.263 $\pm$ 2.759 χ^2 /NDF: 2433.1/16

Left Out: 296.101 $\pm$ 2.259 χ^2 /NDF: 321.9/5

Right Out: 345.135 $\pm$ 2.562 χ^2 /NDF: 3416.5/18

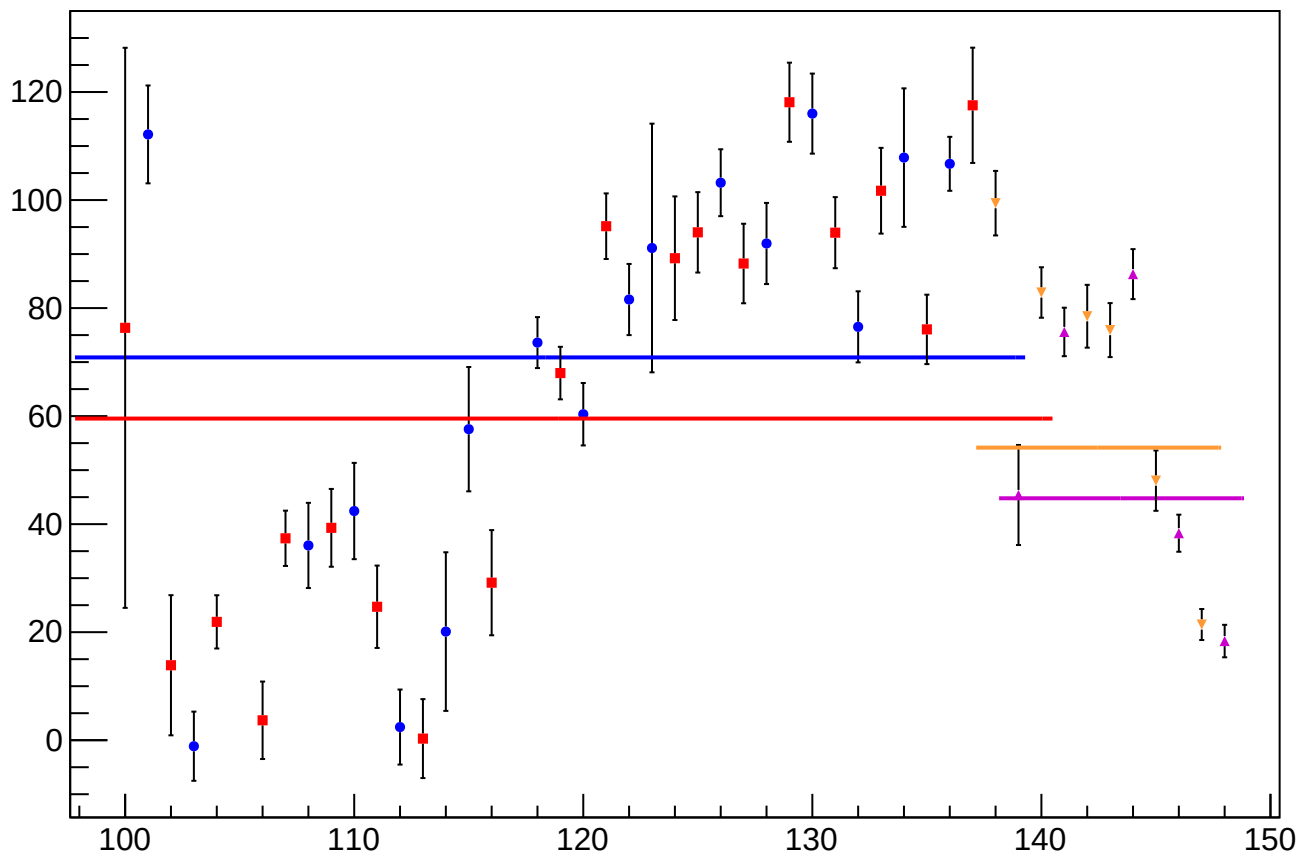
Left In: 297.355 $\pm$ 2.233 χ^2 /NDF: 191.6/4

+ sign 326.670 $\pm$ 1.748 χ^2 /NDF: 3211.0/22

All: 322.162 $\pm$ 1.213 χ^2 /NDF: 7029.6/46

- sign 317.982 $\pm$ 1.683 χ^2 /NDF: 3805.7/23

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

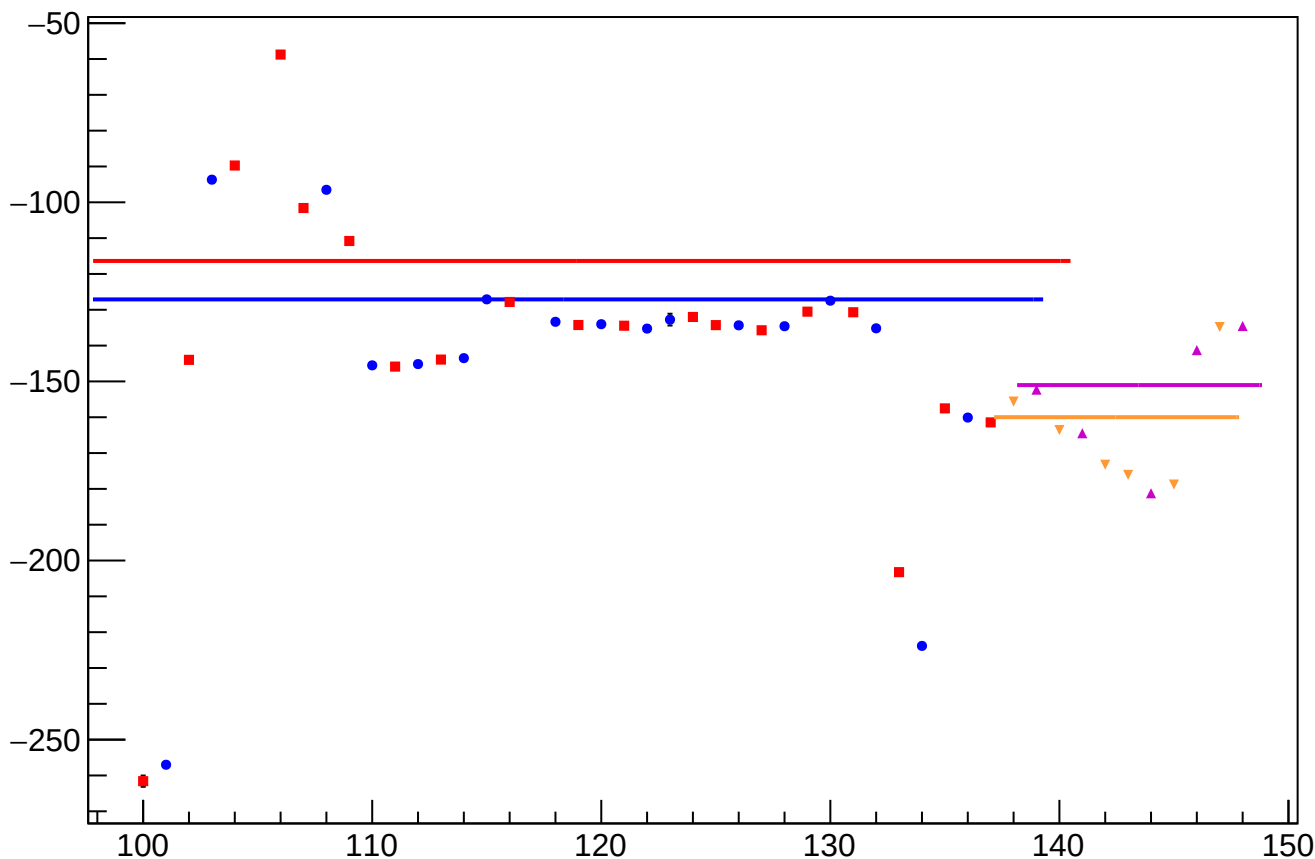
Left In: 44.787 $\pm$ 1.815 χ^2/NDF : 208.3/4

+ sign 62.949 $\pm$ 1.264 χ^2/NDF : 733.5/22

All: 57.746 $\pm$ 0.876 χ^2/NDF : 1501.8/46

- sign 52.945 $\pm$ 1.214 χ^2/NDF : 735.7/23

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

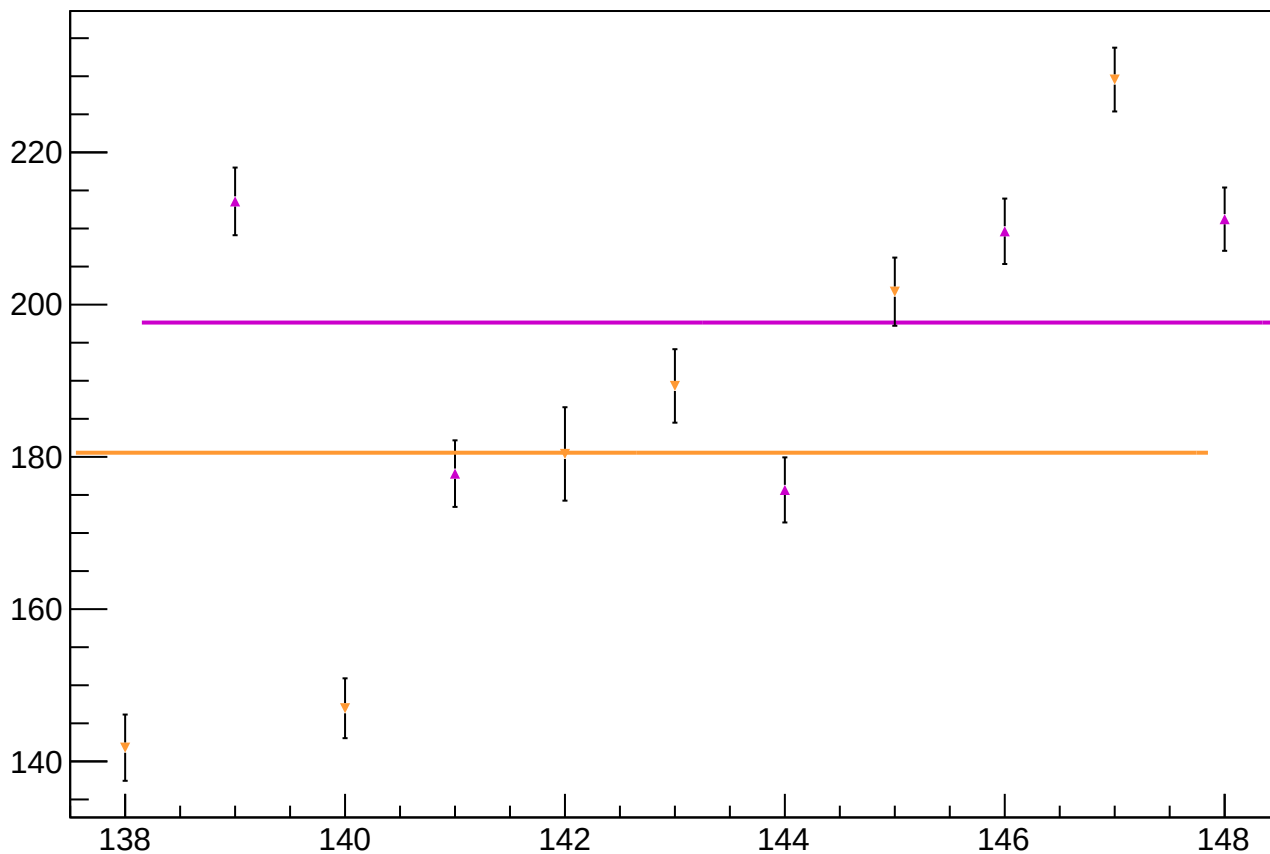
Left In: -151.023 $\pm$ 0.093 χ^2 /NDF: 28341.7/4

+ sign -142.379 $\pm$ 0.065 χ^2 /NDF: 259039.5/22

All: -136.722 $\pm$ 0.045 χ^2 /NDF: 546135.3/46

- sign -131.644 $\pm$ 0.062 χ^2 /NDF: 272917.6/23

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 180.549 $\pm$ 1.845 χ^2 /NDF:314.7/5

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

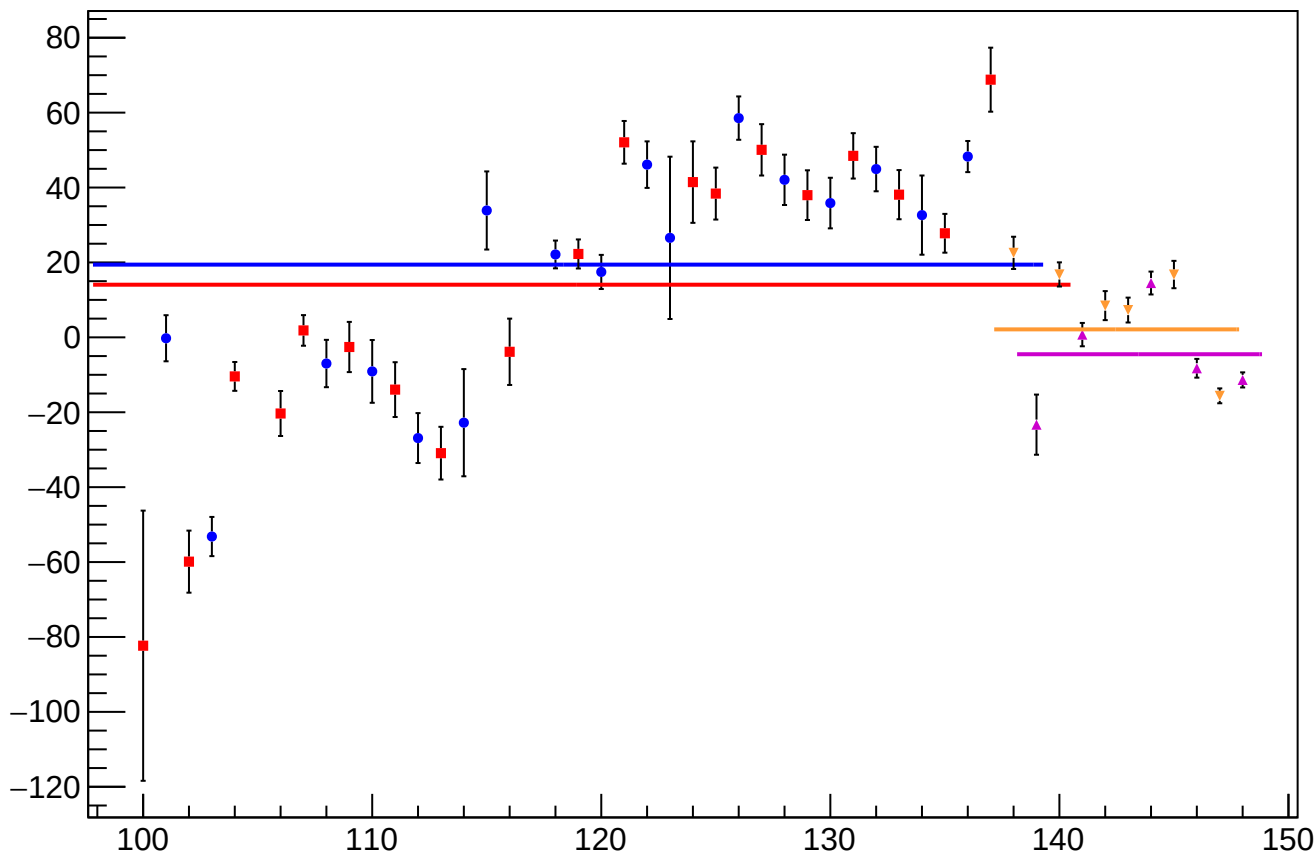
Left In: 197.646 $\pm$ 1.926 χ^2 /NDF:78.3/4

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

All: 188.730 $\pm$ 1.332 χ^2 /NDF: 434.1/10

- sign 0.000 $\pm$ 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

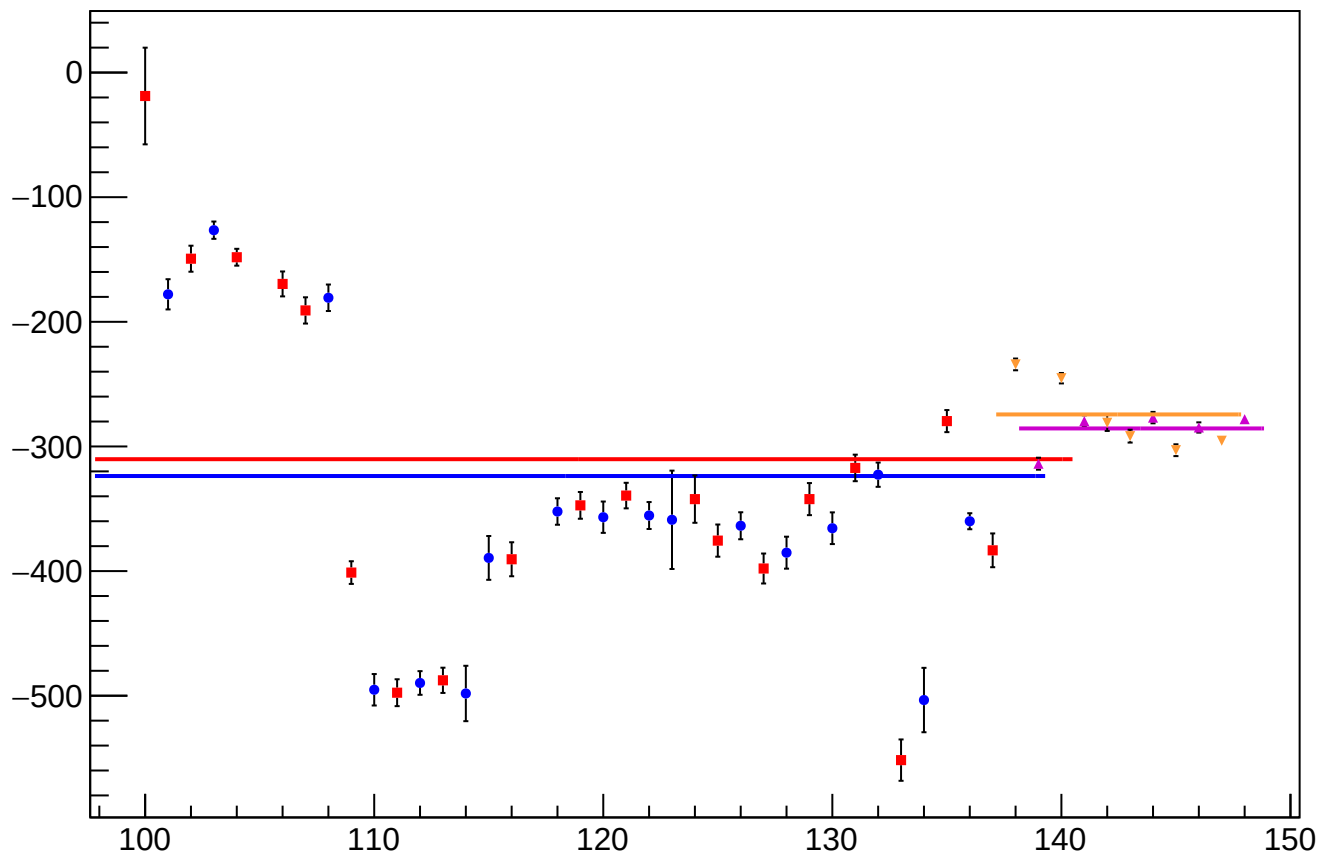
Left In: -4.507 ± 1.259 χ^2/NDF : 60.8/4

+ sign 9.353 ± 0.957 χ^2/NDF : 664.8/22

All: 6.532 ± 0.668 χ^2/NDF : 1277.0/46

- sign 3.844 ± 0.934 χ^2/NDF : 595.2/23

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.721 ± 2.668 $\chi^2/\text{NDF}: 1850.8/16$

Left Out: -274.310 ± 1.915 $\chi^2/\text{NDF}: 198.8/5$

Right Out: -310.223 ± 2.523 $\chi^2/\text{NDF}: 2300.0/18$

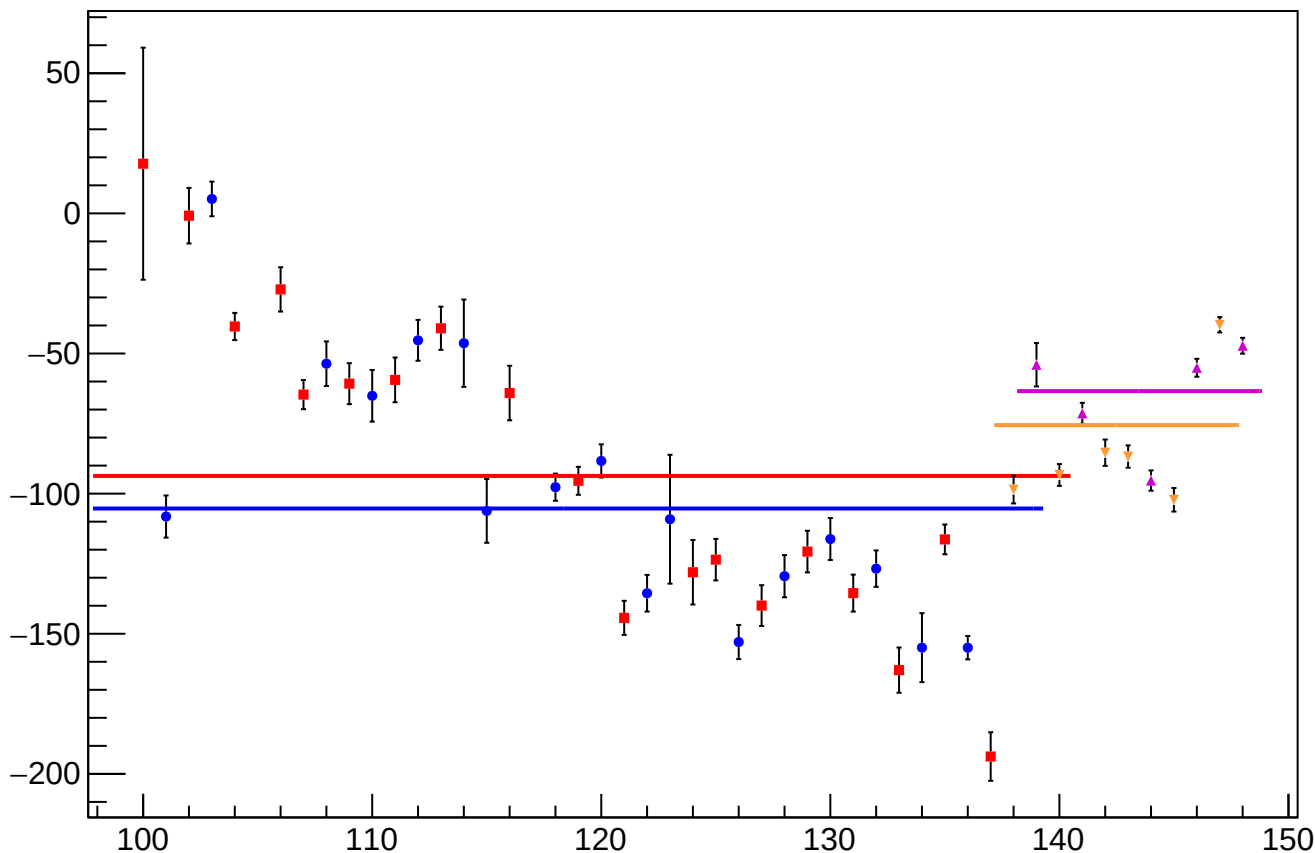
Left In: -285.553 ± 1.952 $\chi^2/\text{NDF}: 43.5/4$

+ sign -291.113 ± 1.556 $\chi^2/\text{NDF}: 2275.9/22$

All: -292.967 ± 1.096 $\chi^2/\text{NDF}: 4681.9/46$

- sign -294.792 ± 1.544 $\chi^2/\text{NDF}: 2403.3/23$

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

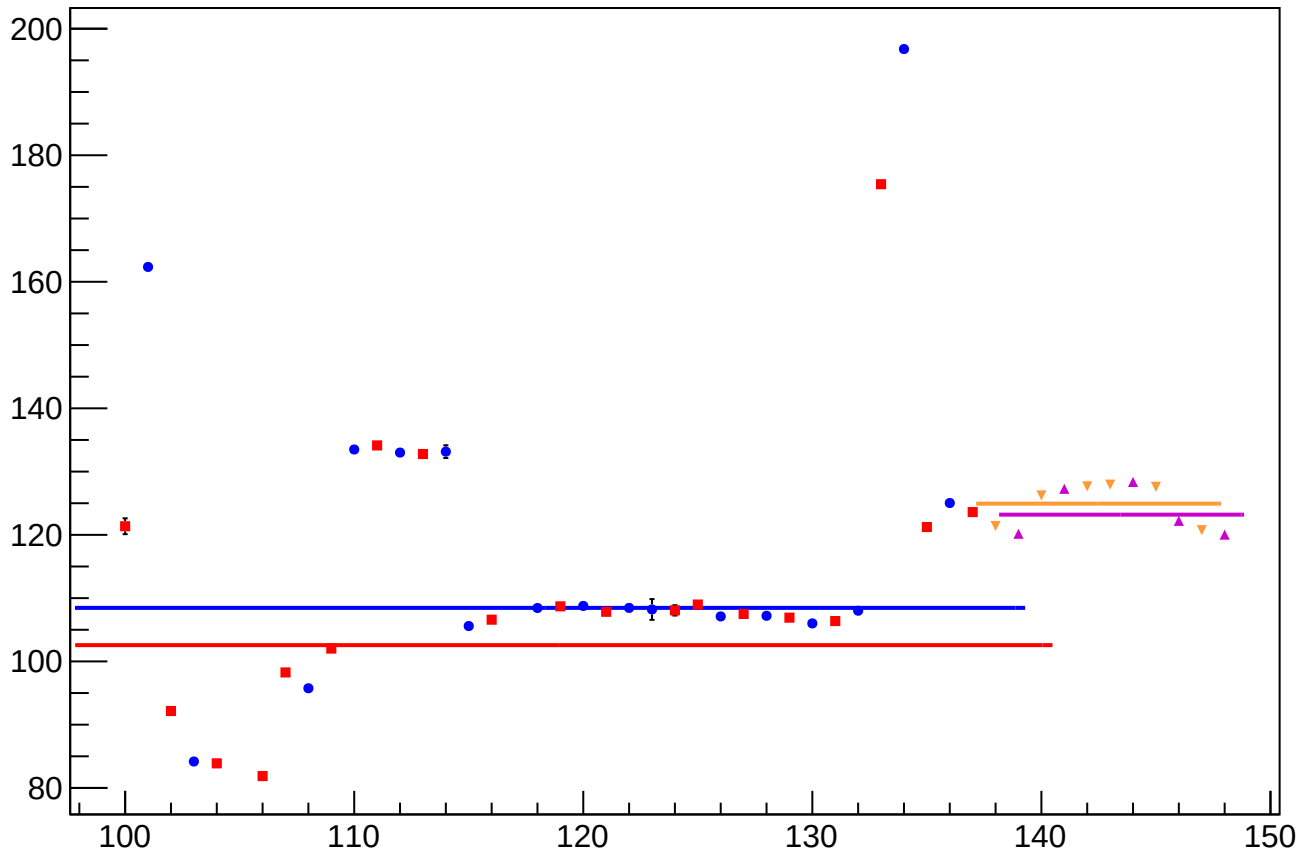
Left In: -63.413 ± 1.607 χ^2/NDF : 123.3/4

+ sign -89.315 ± 1.152 χ^2/NDF : 1169.5/22

All: -83.845 ± 0.810 χ^2/NDF : 2340.8/46

- sign -78.506 ± 1.138 χ^2/NDF : 1126.7/23

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.461 $\pm$ 0.085 χ^2 /NDF: 73302.1/16

Left Out: 124.936 $\pm$ 0.081 χ^2 /NDF:1445.9/5

Right Out: 102.570 $\pm$ 0.079 χ^2 /NDF: 53143.8/18

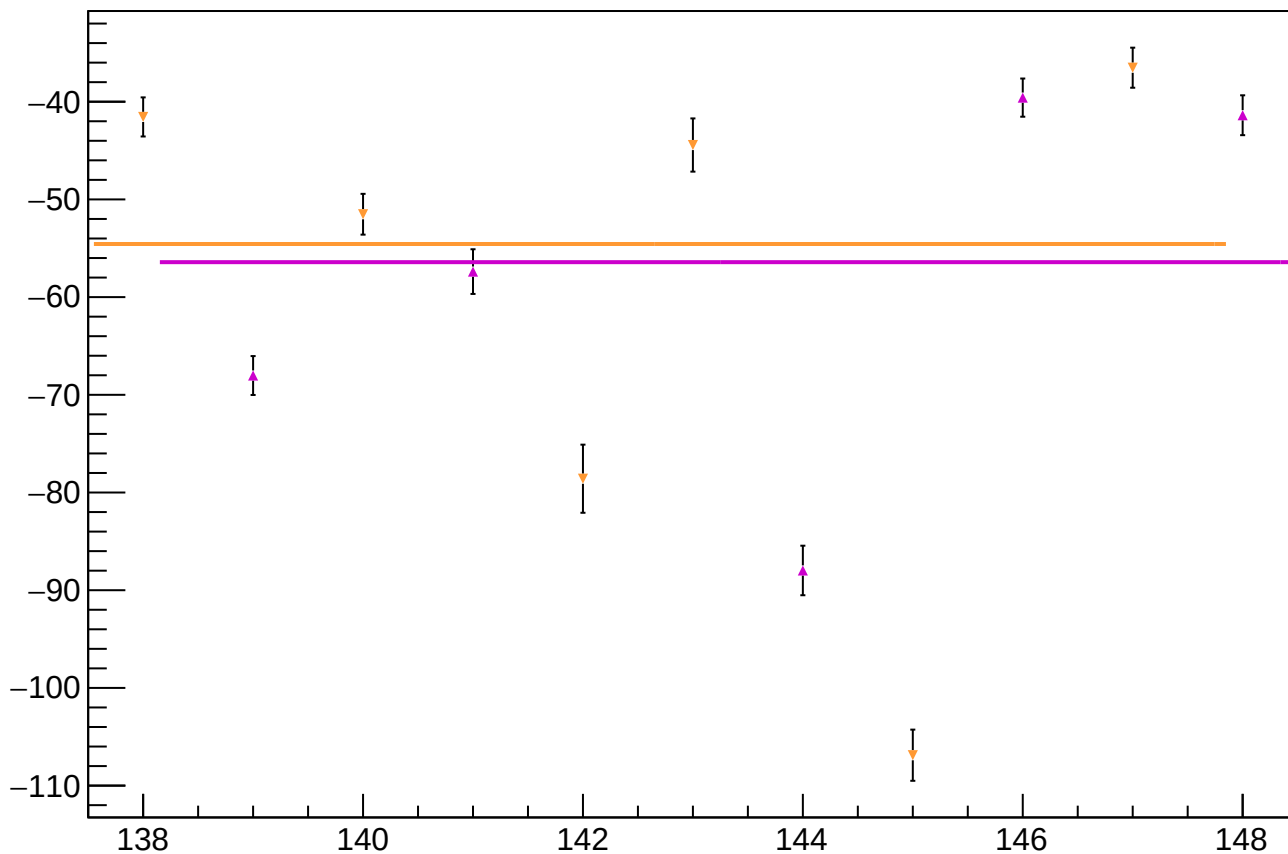
Left In: 123.195 $\pm$ 0.081 χ^2 /NDF:1842.0/4

+ sign 117.115 $\pm$ 0.058 χ^2 /NDF: 94614.5/22

All: 114.826 $\pm$ 0.041 χ^2 /NDF: 185551.7/46

- sign 112.659 $\pm$ 0.057 χ^2 /NDF: 87942.7/23

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

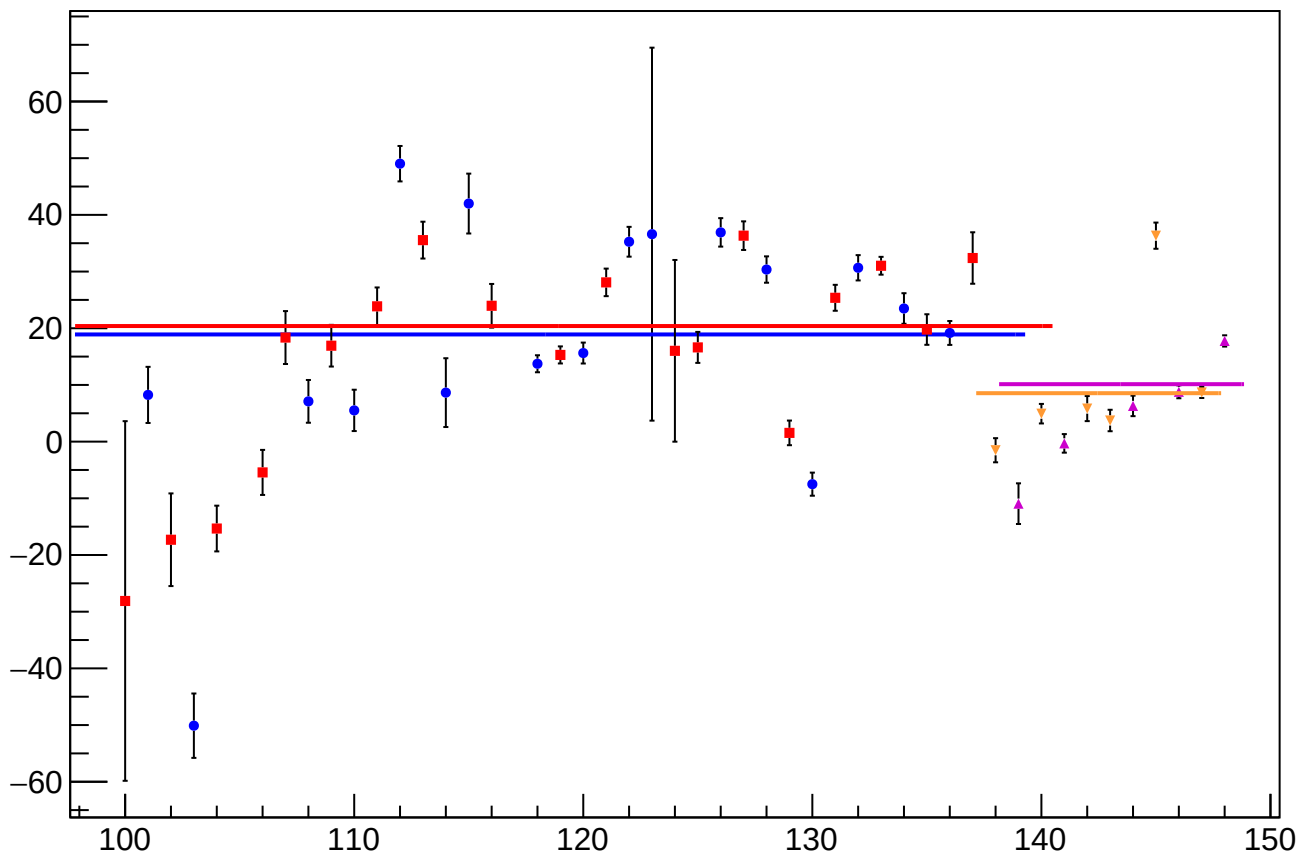
Left In: -56.423+/-0.953 χ^2/NDF : 317.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.502+/-0.677 χ^2/NDF : 901.8/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.906 ± 0.644 χ^2/NDF : 618.9/16

Left Out: 8.545 ± 0.662 χ^2/NDF : 179.4/5

Right Out: 20.390 ± 0.644 χ^2/NDF : 365.3/18

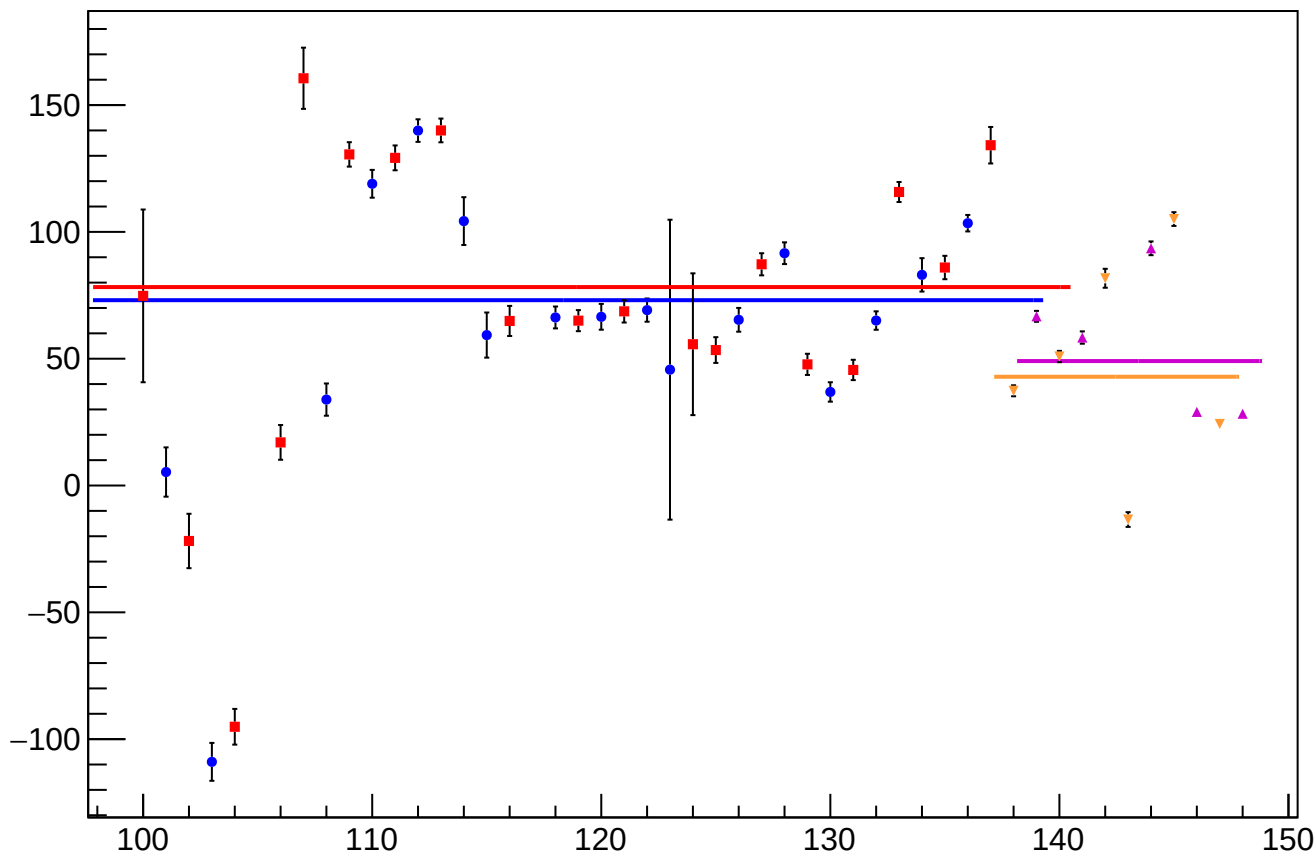
Left In: 10.134 ± 0.627 χ^2/NDF : 140.1/4

+ sign 13.872 ± 0.461 χ^2/NDF : 924.2/22

All: 14.517 ± 0.322 χ^2/NDF : 1563.6/46

- sign 15.127 ± 0.449 χ^2/NDF : 635.6/23

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.071 ± 1.228 χ^2/NDF : 1200.0/16

Left Out: 42.886 ± 0.993 χ^2/NDF : 1125.9/5

Right Out: 78.241 ± 1.223 χ^2/NDF : 1542.7/18

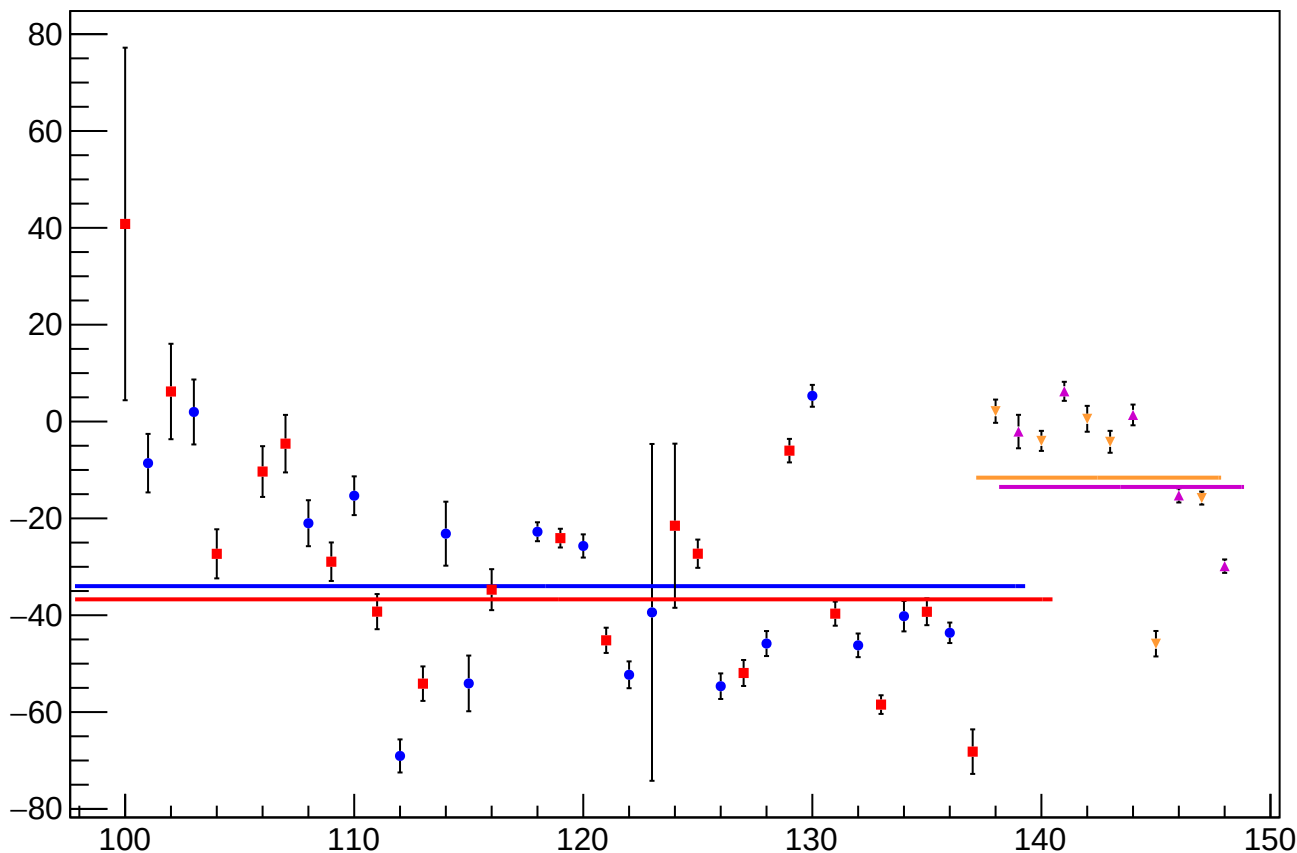
Left In: 49.073 ± 0.962 χ^2/NDF : 583.4/4

+ sign 54.820 ± 0.772 χ^2/NDF : 2691.3/22

All: 57.582 ± 0.540 χ^2/NDF : 5193.8/46

- sign 60.230 ± 0.756 χ^2/NDF : 2477.5/23

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

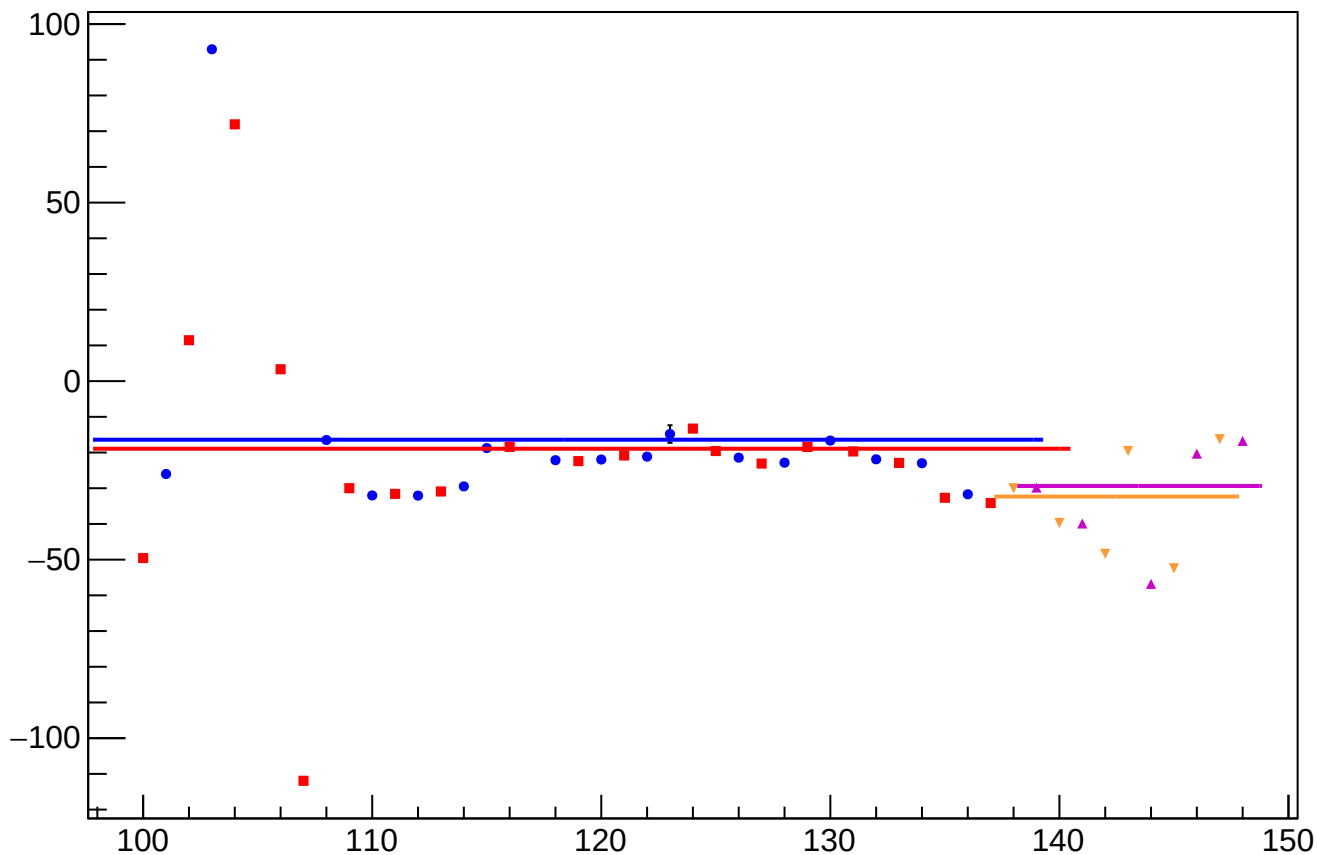
Left In: -13.508 ± 0.803 χ^2/NDF : 300.4/4

+ sign -24.158 ± 0.552 χ^2/NDF : 1383.5/22

All: -25.152 ± 0.387 χ^2/NDF : 2686.7/46

- sign -26.115 ± 0.543 χ^2/NDF : 1296.7/23

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 $\chi^2/\text{NDF}: 434152.2/18$

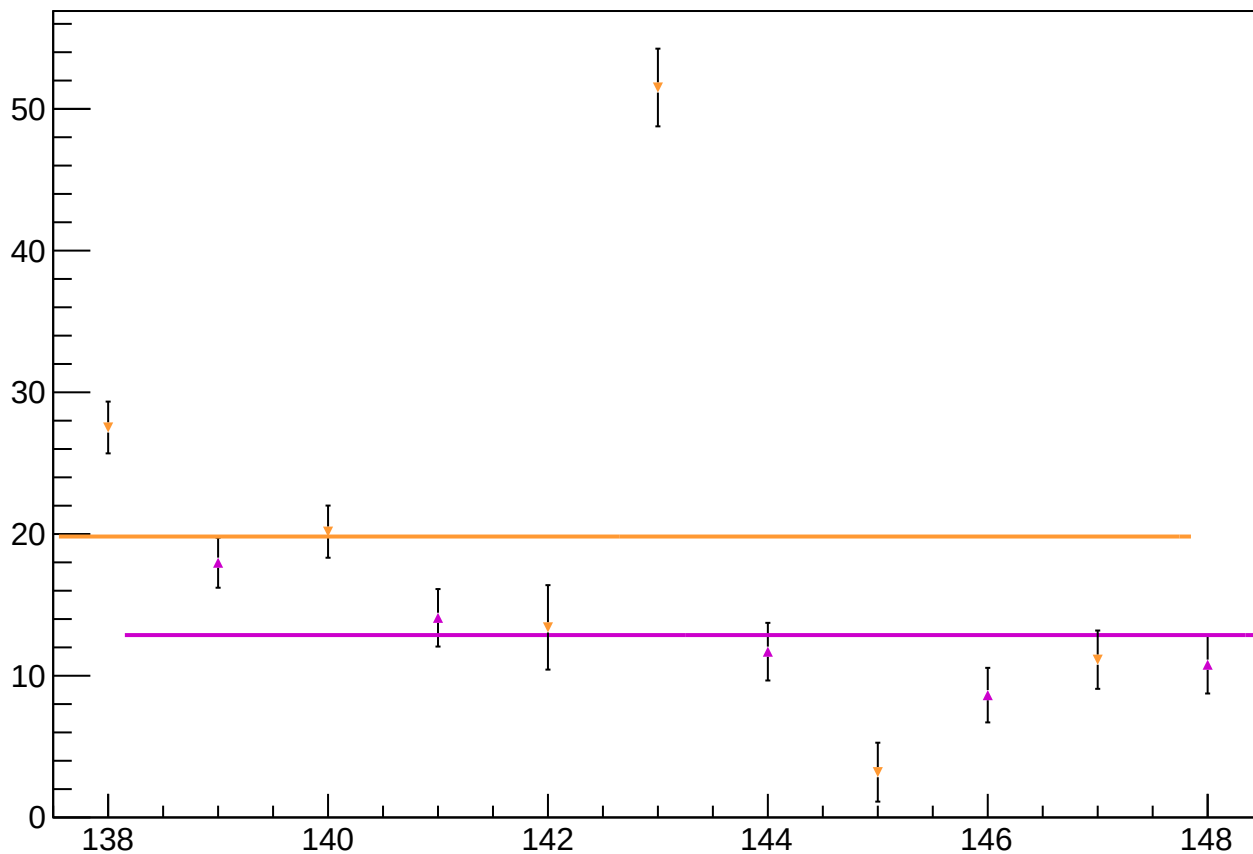
Left In: -29.361 ± 0.040 $\chi^2/\text{NDF}: 99546.1/4$

+ sign -24.876 ± 0.030 $\chi^2/\text{NDF}: 639886.2/22$

All: -24.846 ± 0.021 $\chi^2/\text{NDF}: 1203567.0/46$

- sign -24.818 ± 0.030 $\chi^2/\text{NDF}: 563678.9/23$

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

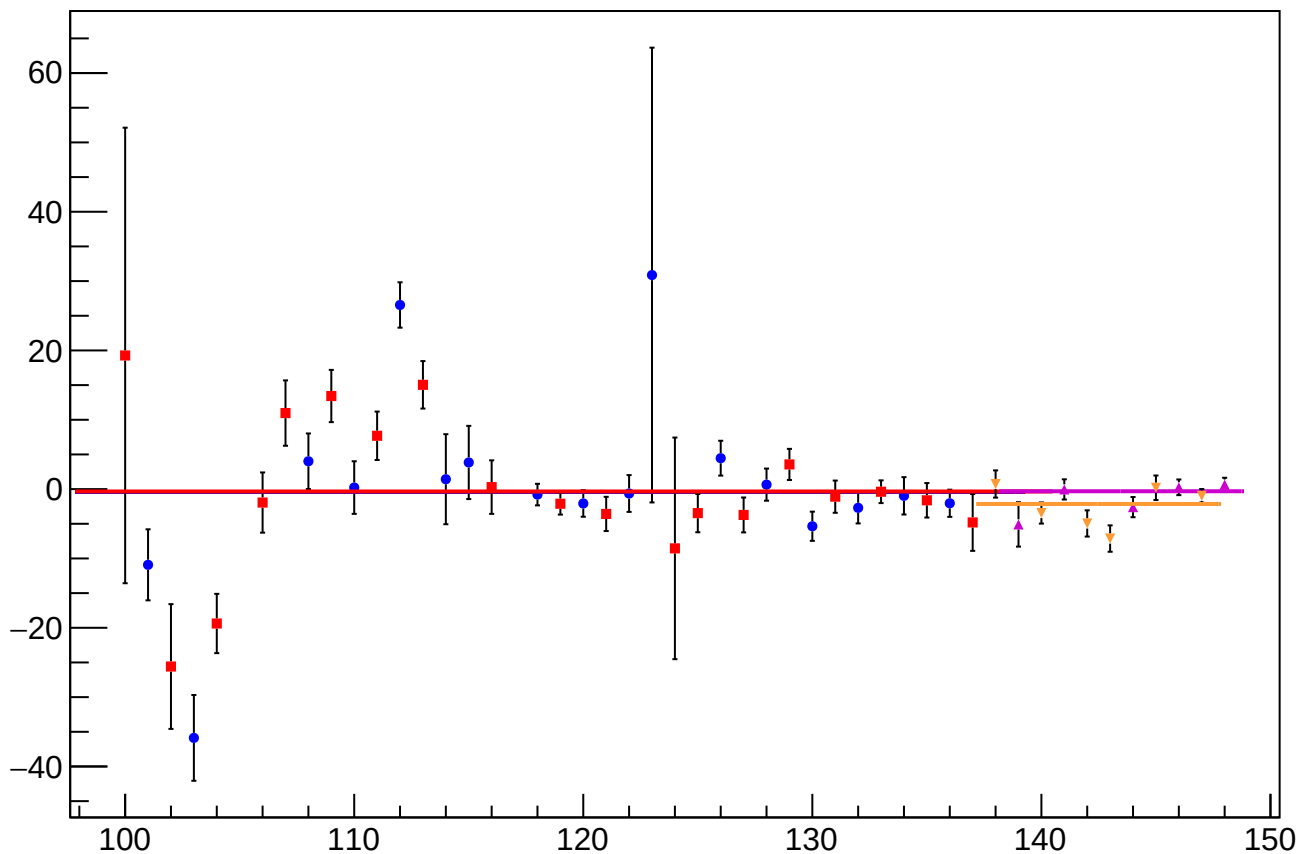
Left In: 12.870+/-0.871 χ^2/NDF : 15.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.335+/-0.617 χ^2/NDF : 284.5/10

- 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

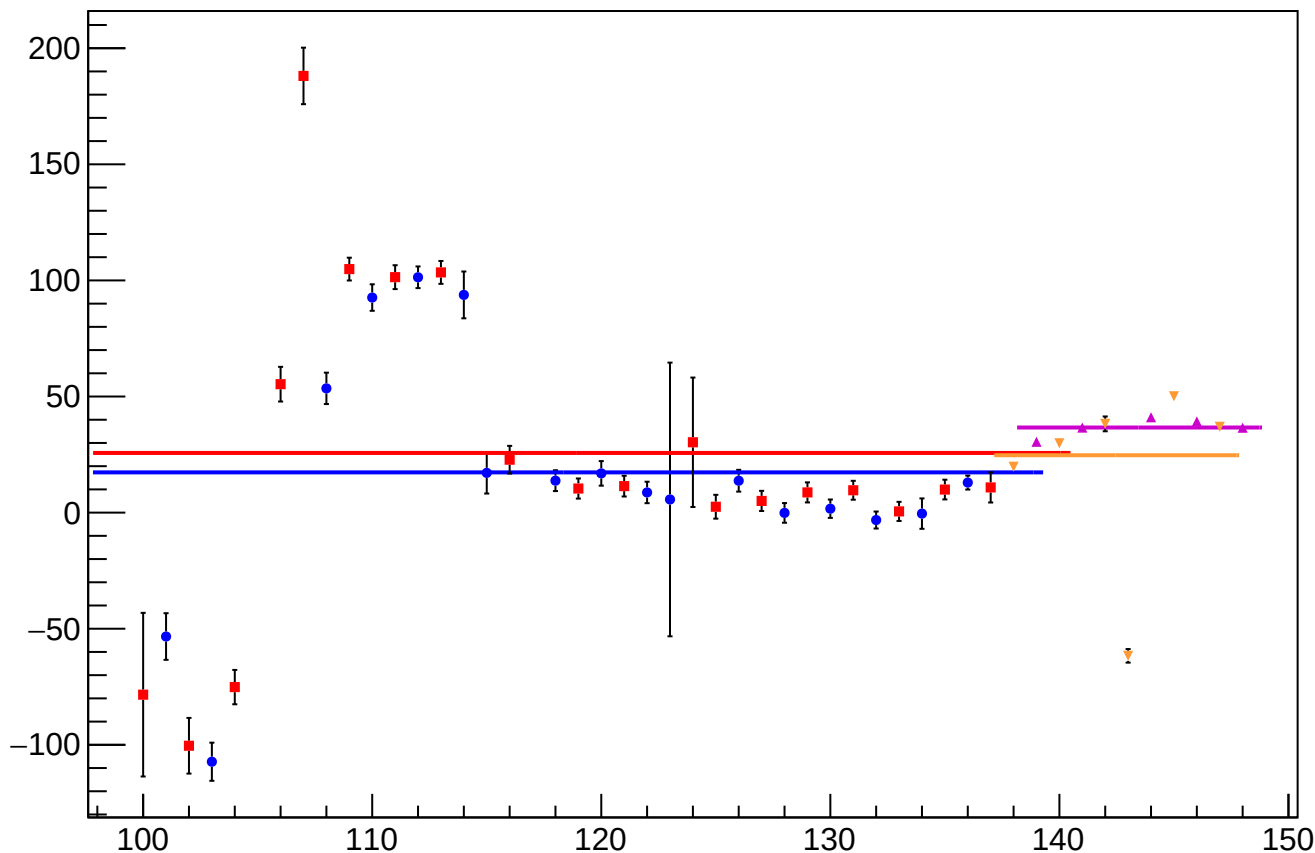
Left In: -0.308 ± 0.593 χ^2/NDF : 5.9/4

+ sign -1.325 ± 0.449 χ^2/NDF : 138.8/22

All: -0.814 ± 0.314 χ^2/NDF : 231.0/46

- sign -0.323 ± 0.440 χ^2/NDF : 89.6/23

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

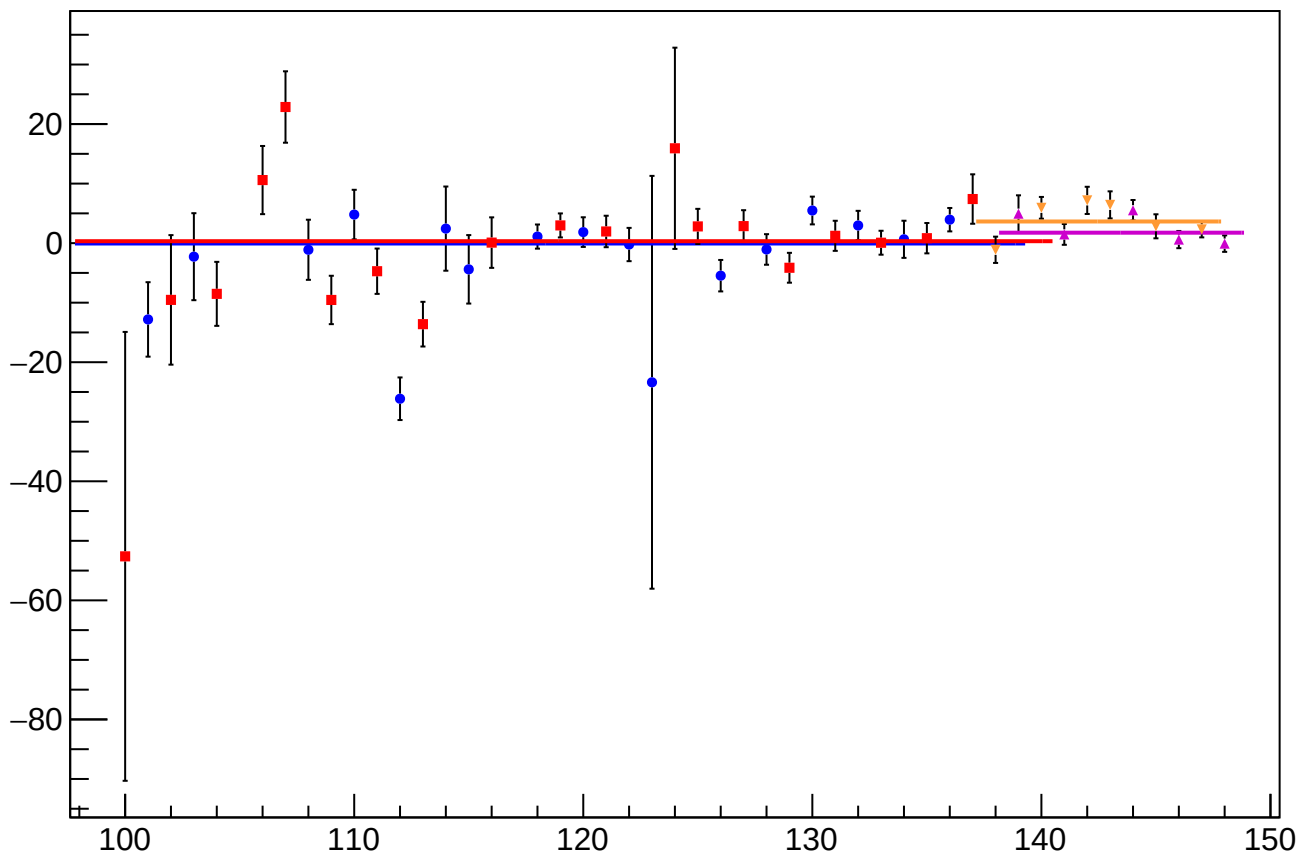
Left In: 36.651 $\pm$ 0.887 χ^2 /NDF:16.5/4

+ sign 22.129 $\pm$ 0.733 χ^2 /NDF: 2045.5/22

All: 27.618 $\pm$ 0.514 χ^2 /NDF: 3603.3/46

- sign 32.953 $\pm$ 0.722 χ^2 /NDF: 1447.0/23

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

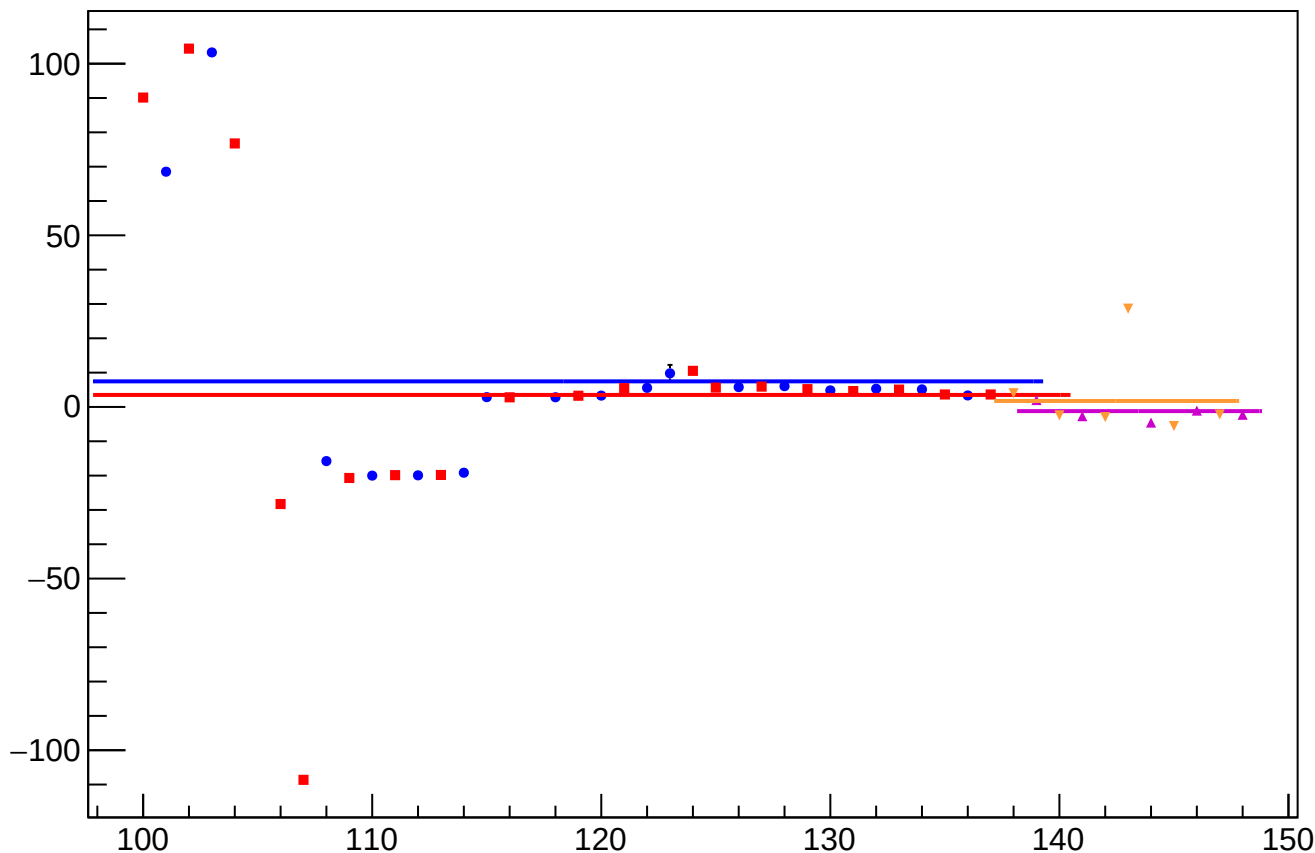
Left In: 1.754 ± 0.751 χ^2/NDF : 8.3/4

+ sign 1.725 ± 0.535 χ^2/NDF : 99.7/22

All: 1.379 ± 0.377 χ^2/NDF : 165.8/46

- sign 1.038 ± 0.531 χ^2/NDF : 65.2/23

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.454 ± 0.044 $\chi^2/\text{NDF}: 356053.3/16$

Left Out: 1.743 ± 0.038 $\chi^2/\text{NDF}: 66505.7/5$

Right Out: 3.502 ± 0.046 $\chi^2/\text{NDF}: 510579.7/18$

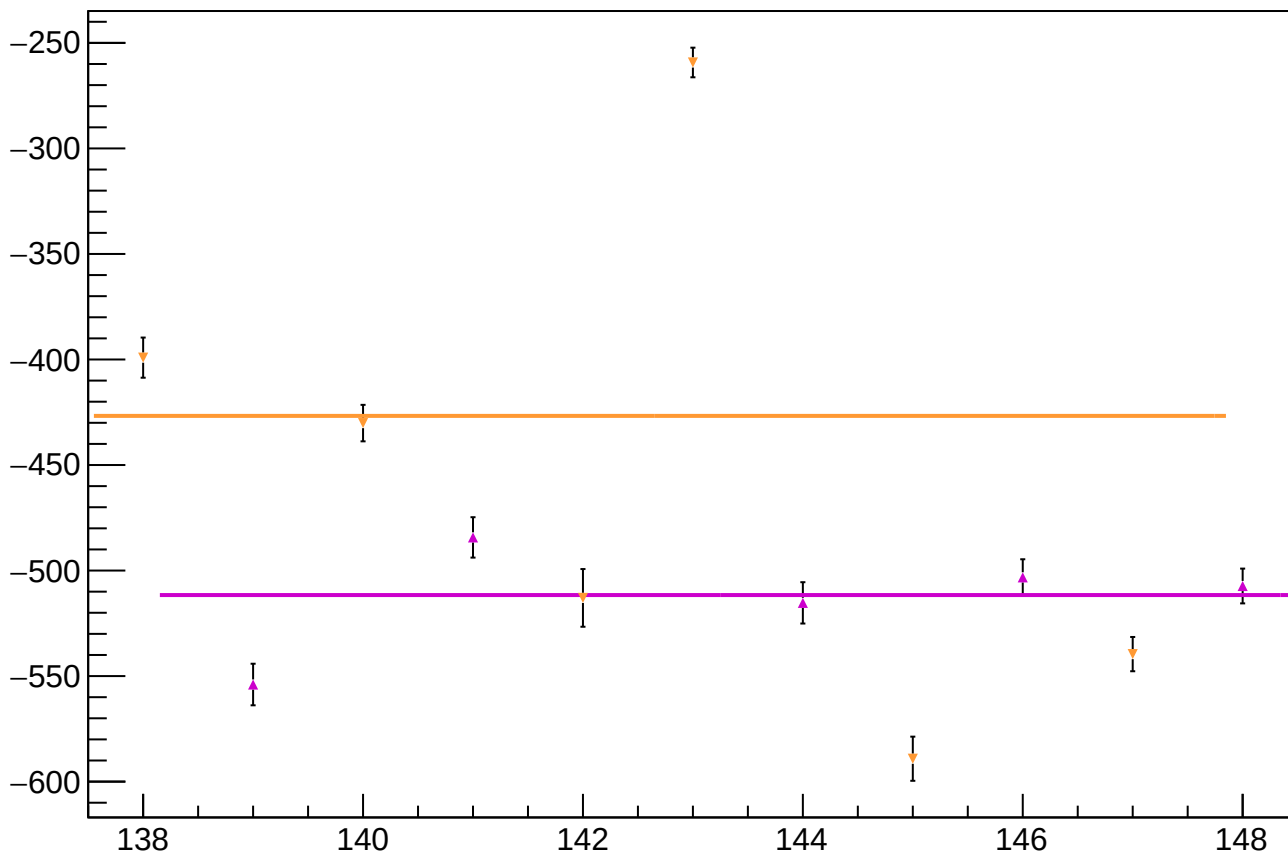
Left In: -1.212 ± 0.036 $\chi^2/\text{NDF}: 3970.7/4$

+ sign 4.141 ± 0.029 $\chi^2/\text{NDF}: 432150.0/22$

All: 2.367 ± 0.020 $\chi^2/\text{NDF}: 960742.3/46$

- sign 0.630 ± 0.028 $\chi^2/\text{NDF}: 521076.5/23$

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

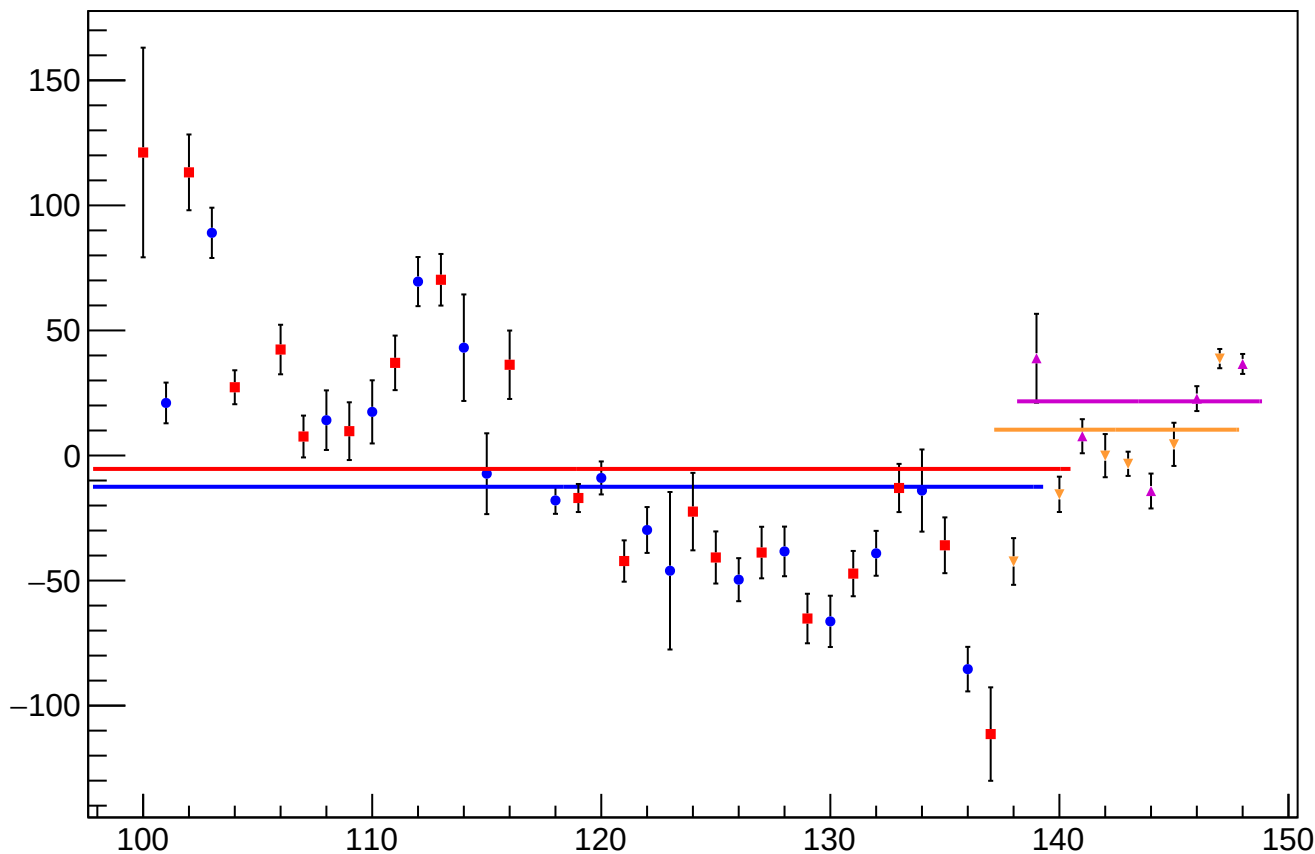
Left In: -511.610+/-4.083 χ^2/NDF : 28.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.612+/-2.728 χ^2/NDF : 1319.4/10

- 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

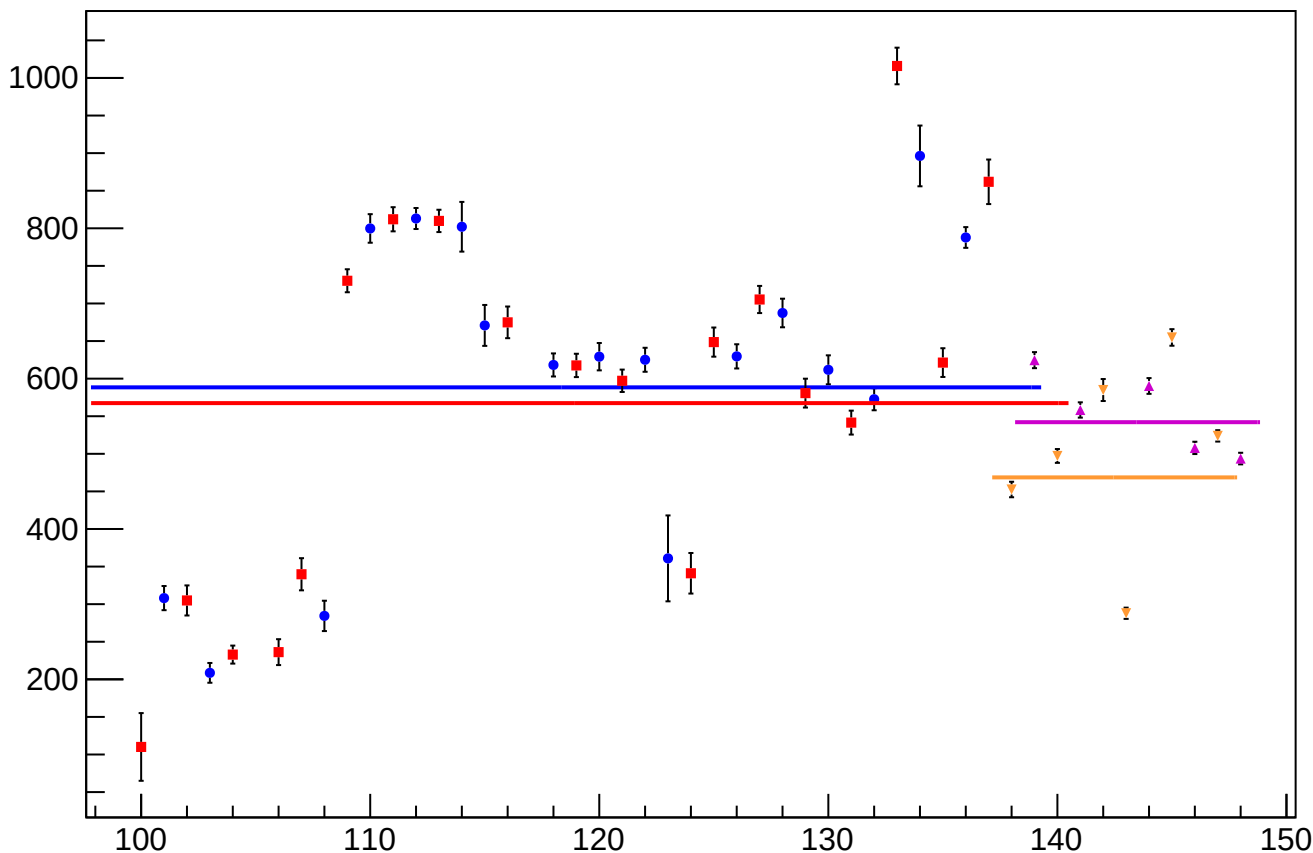
Left In: 21.657 ± 2.595 χ^2/NDF : 45.6/4

+ sign -1.686 ± 1.676 χ^2/NDF : 497.0/22

All: 2.244 ± 1.196 χ^2/NDF : 959.9/46

- sign 6.315 ± 1.706 χ^2/NDF : 451.8/23

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

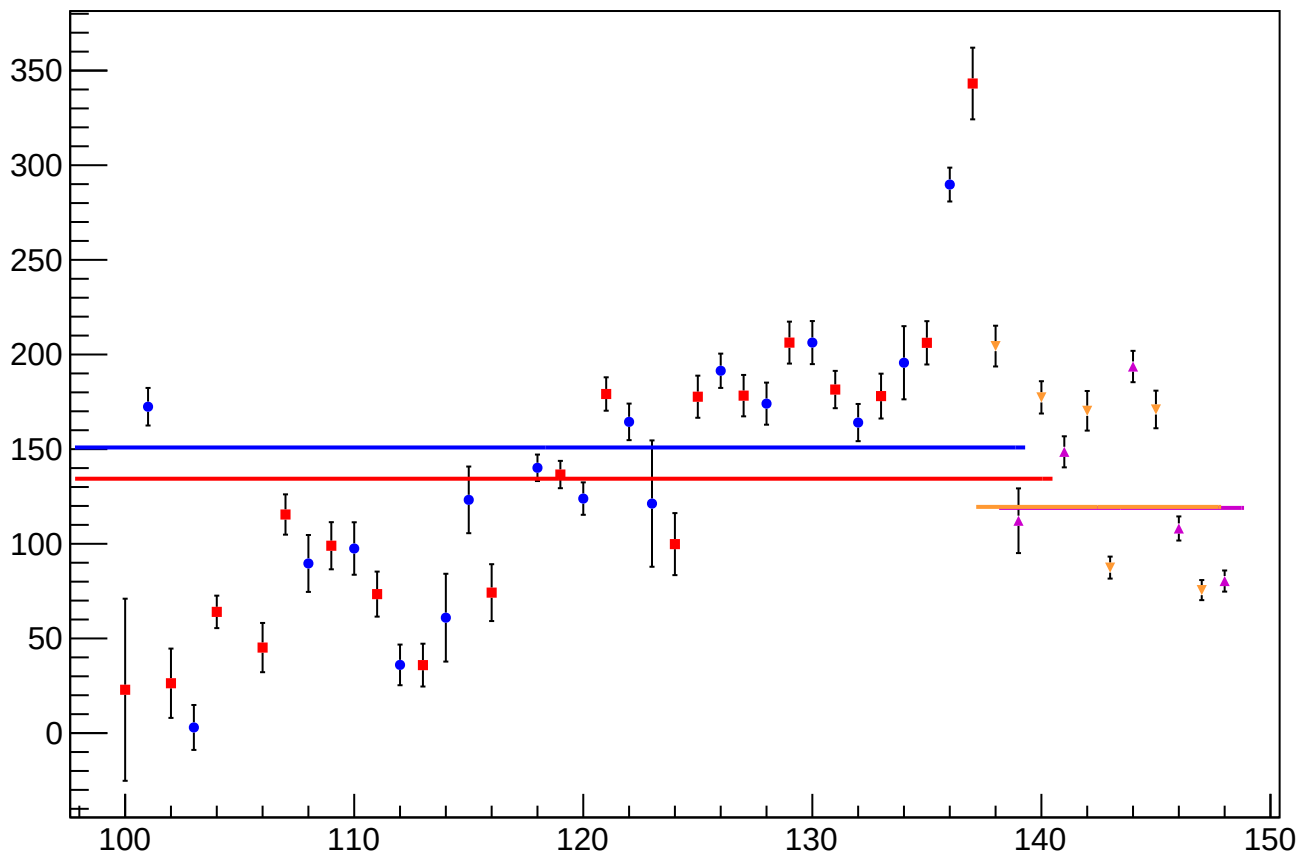
Left In: 542.086 $\pm$ 4.108 χ^2 /NDF:140.3/4

+ sign 520.844 $\pm$ 2.852 χ^2 /NDF: 3559.6/22

All: 537.394 $\pm$ 2.039 χ^2 /NDF: 6572.5/46

- sign 554.681 $\pm$ 2.915 χ^2 /NDF: 2944.1/23

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

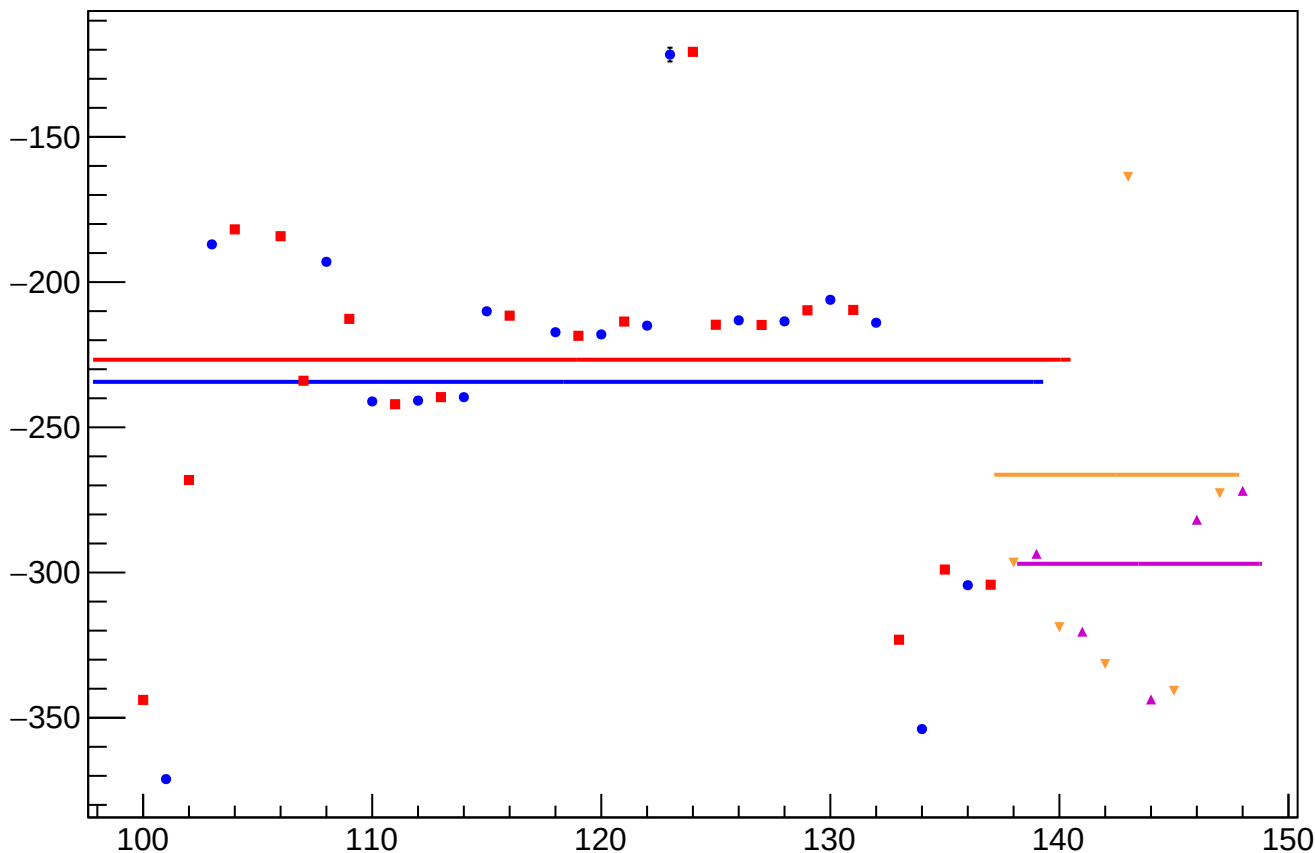
Left In: 118.967 $\pm$ 3.341 χ^2 /NDF: 145.4/4

+ sign 137.301 $\pm$ 2.013 χ^2 /NDF: 952.2/22

All: 133.010 $\pm$ 1.440 χ^2 /NDF: 1705.0/46

- sign 128.512 $\pm$ 2.062 χ^2 /NDF: 743.5/23

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

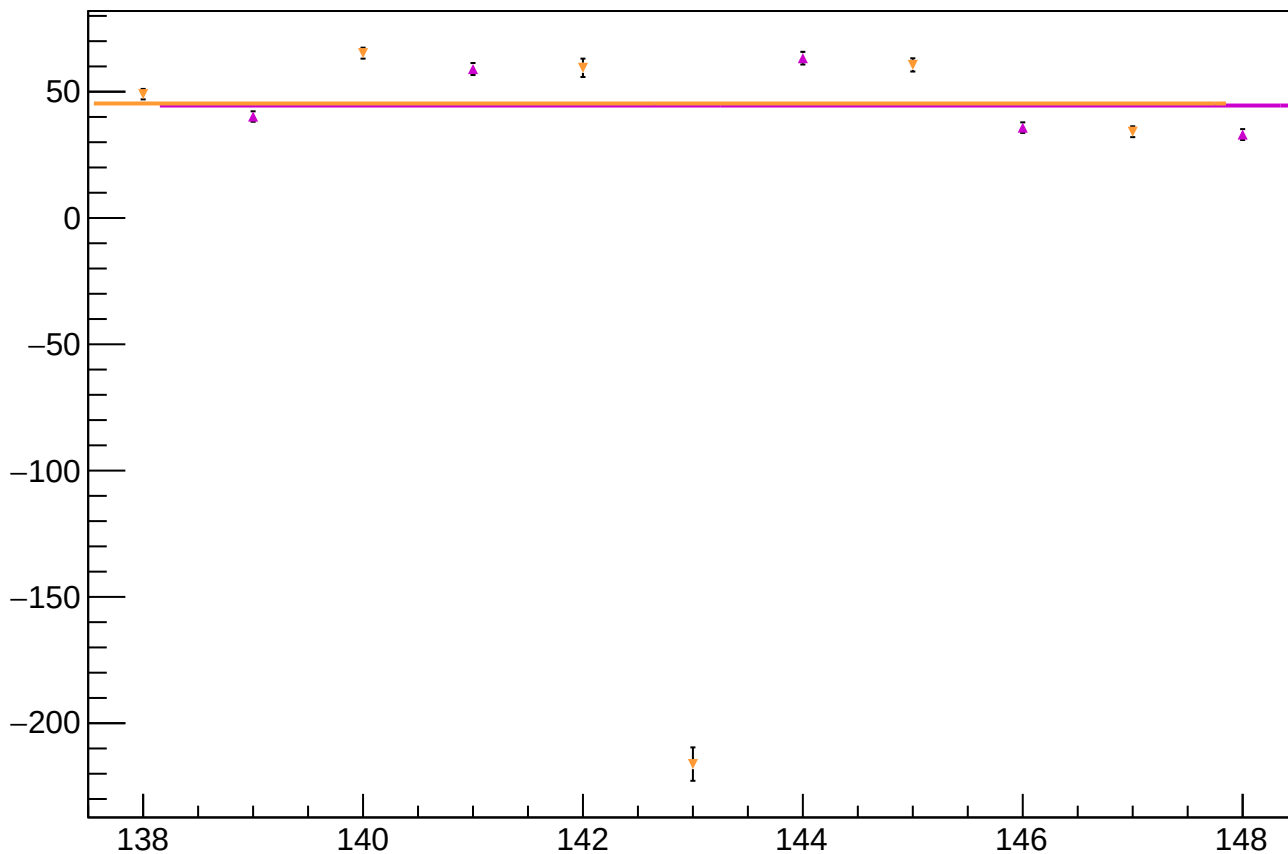
Left In: -296.983+/-0.172 χ^2/NDF : 21056.6/4

+ sign -249.145+/-0.109 χ^2/NDF : 347351.5/22

All: -252.088+/-0.077 χ^2/NDF : 569027.0/46

- sign -255.057+/-0.109 χ^2/NDF : 220202.9/23

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

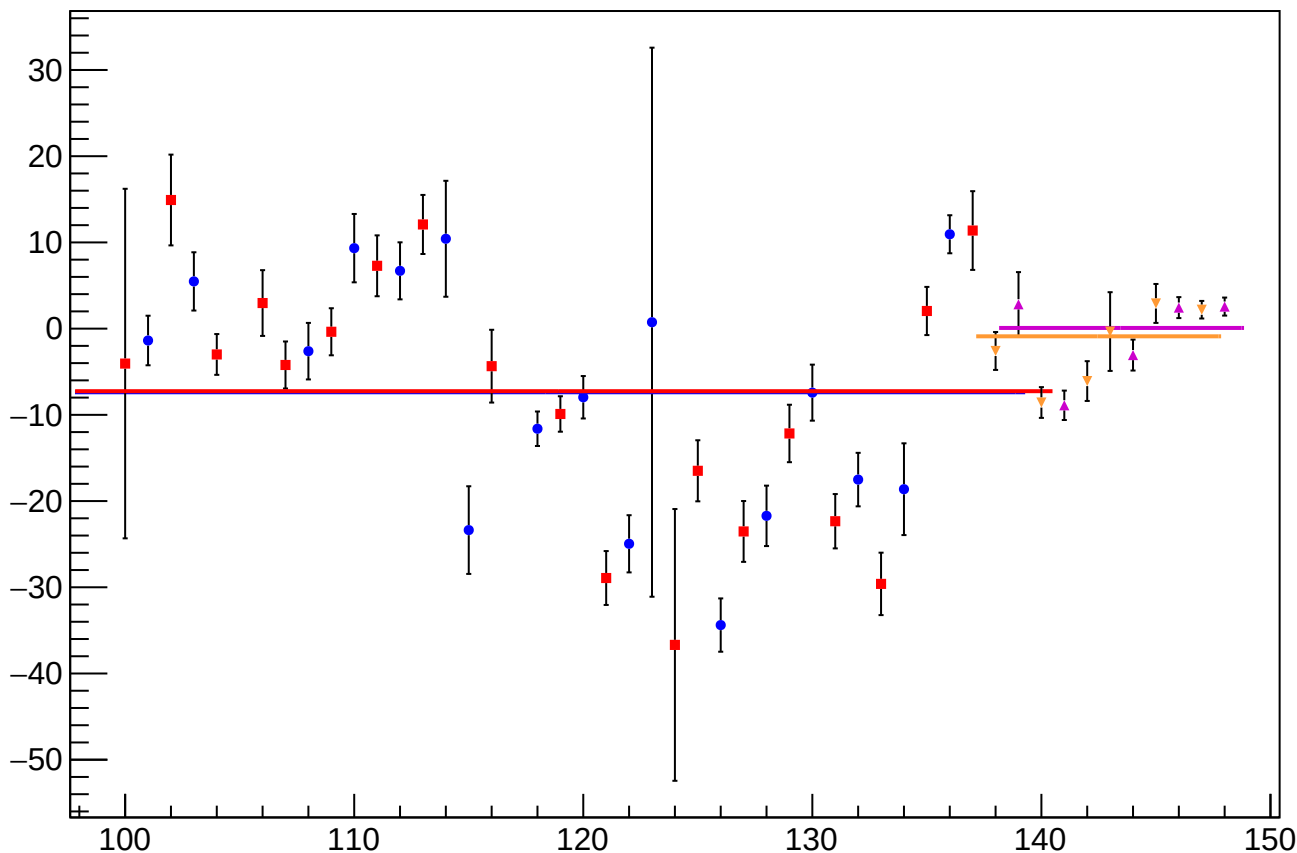
Left In: 44.523+/-0.993 χ^2/NDF :143.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.904+/-0.721 χ^2/NDF : 1871.0/10

- 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

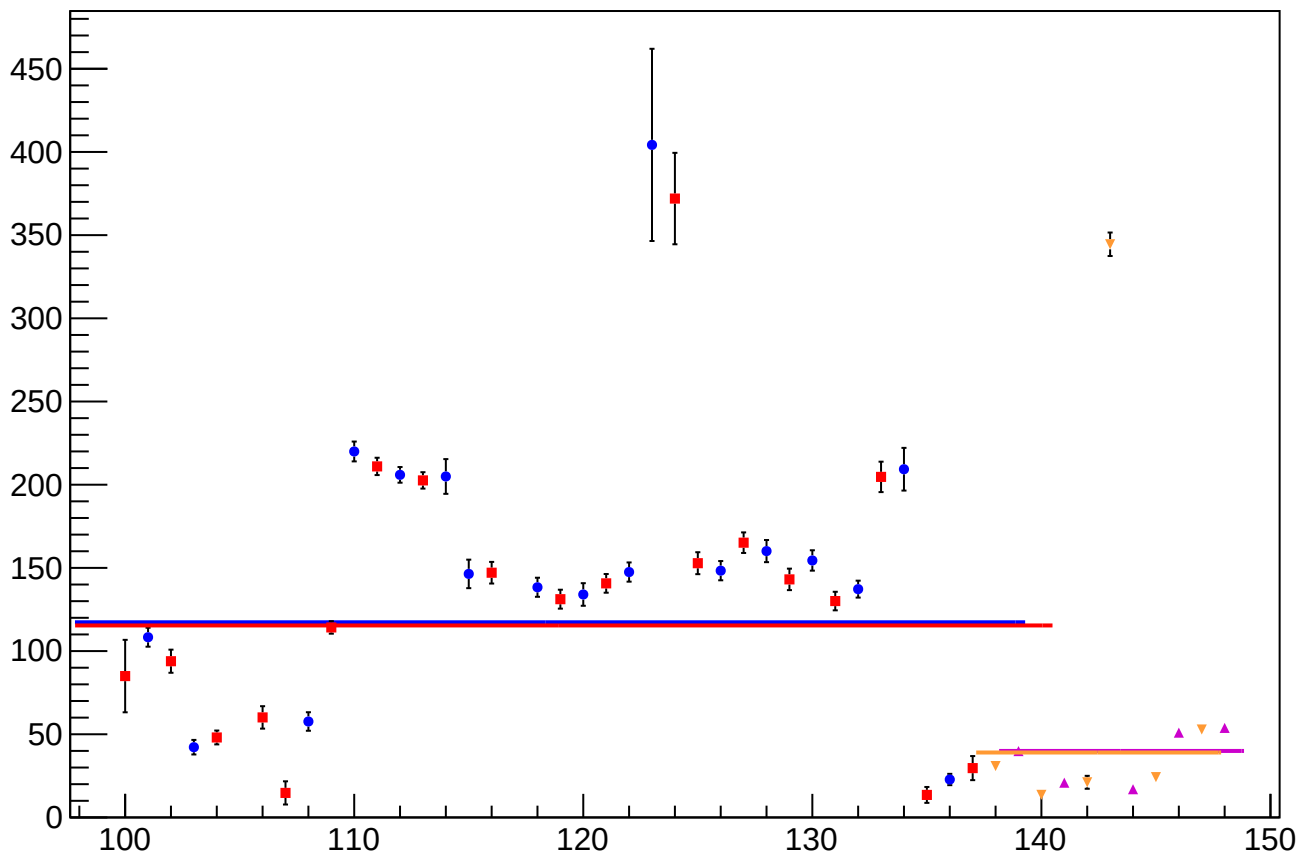
Left In: 0.080 ± 0.657 χ^2/NDF : 40.7/4

+ sign -3.895 ± 0.530 χ^2/NDF : 357.1/22

All: -3.445 ± 0.363 χ^2/NDF : 709.6/46

- sign -3.048 ± 0.498 χ^2/NDF : 351.2/23

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

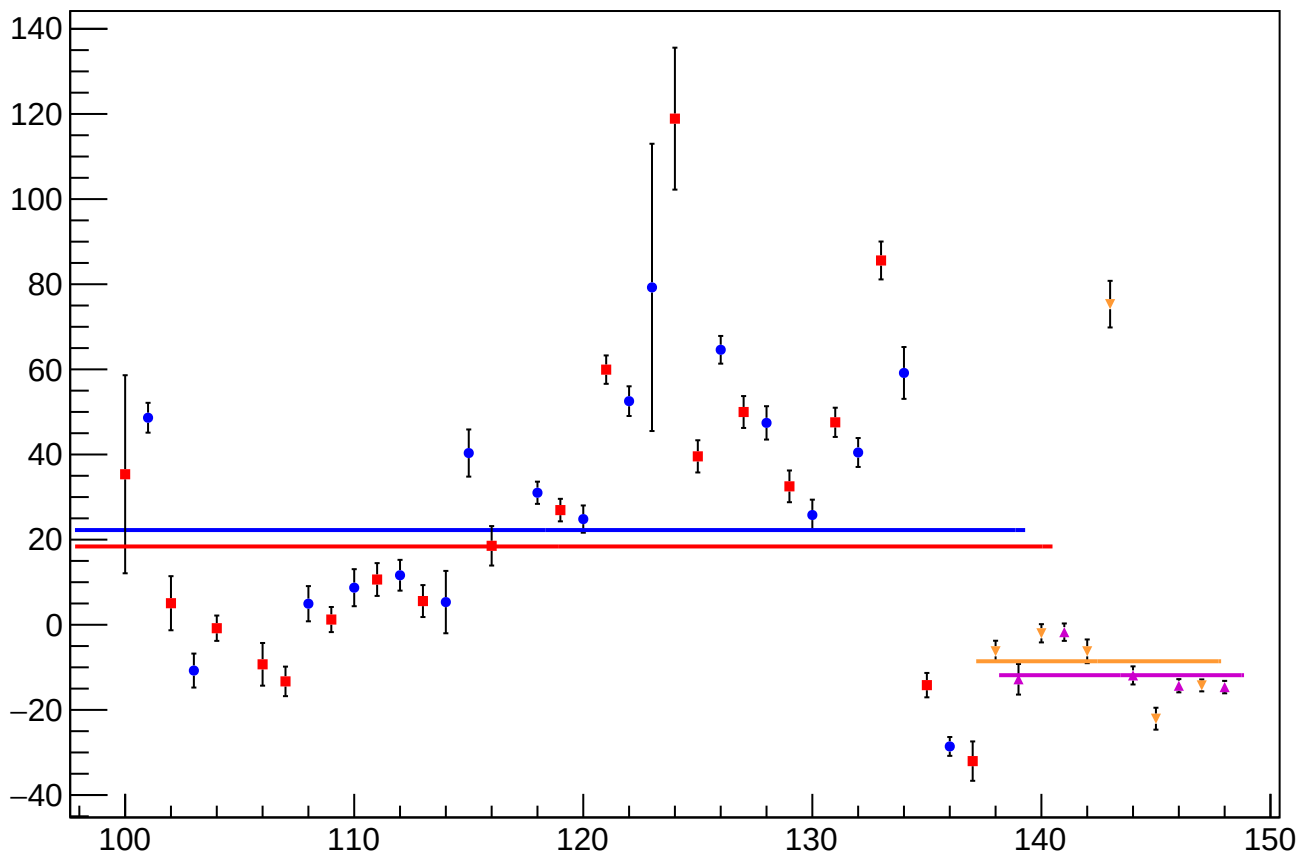
Left In: 39.975 $\pm$ 1.004 χ^2 /NDF:207.7/4

+ sign 68.059 $\pm$ 0.858 χ^2 /NDF: 6209.6/22

All: 67.271 $\pm$ 0.588 χ^2 /NDF: 10559.1/46

- sign 66.572 $\pm$ 0.808 χ^2 /NDF: 4347.9/23

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

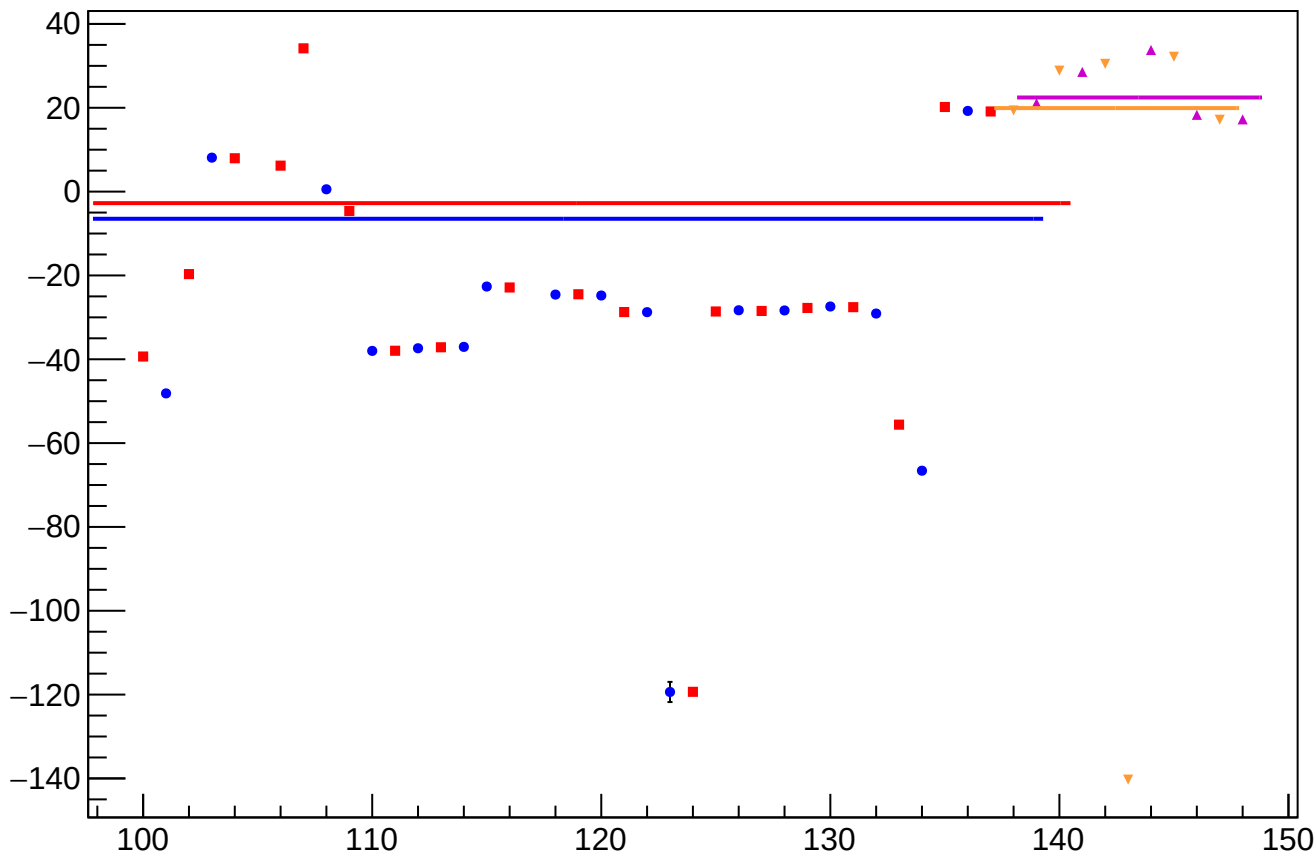
Left In: -11.846 $\pm$ 0.840 χ^2 /NDF:30.7/4

+ sign 7.241 $\pm$ 0.637 χ^2 /NDF: 1946.1/22

All: 4.860 $\pm$ 0.439 χ^2 /NDF: 3704.5/46

- sign 2.711 $\pm$ 0.605 χ^2 /NDF: 1731.8/23

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.482+/-0.046 χ^2/NDF : 265804.1/16

Left Out: 19.925+/-0.046 χ^2/NDF : 346618.6/5

Right Out: -2.751+/-0.046 χ^2/NDF : 266291.4/18

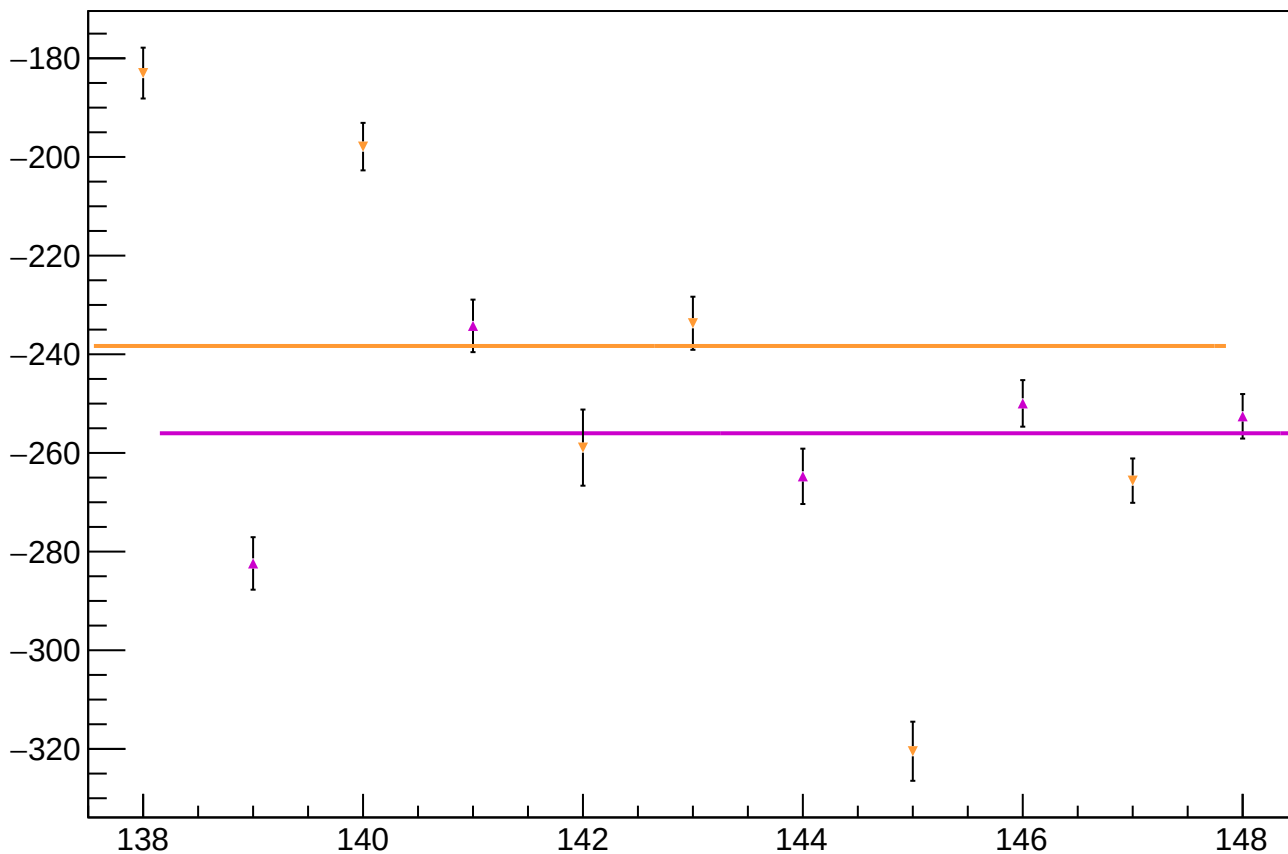
Left In: 22.450+/-0.041 χ^2/NDF : 18846.1/4

+ sign 6.912+/-0.032 χ^2/NDF : 778396.9/22

All: 9.104+/-0.022 χ^2/NDF : 1239156.9/46

- sign 11.071+/-0.031 χ^2/NDF : 452077.9/23

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

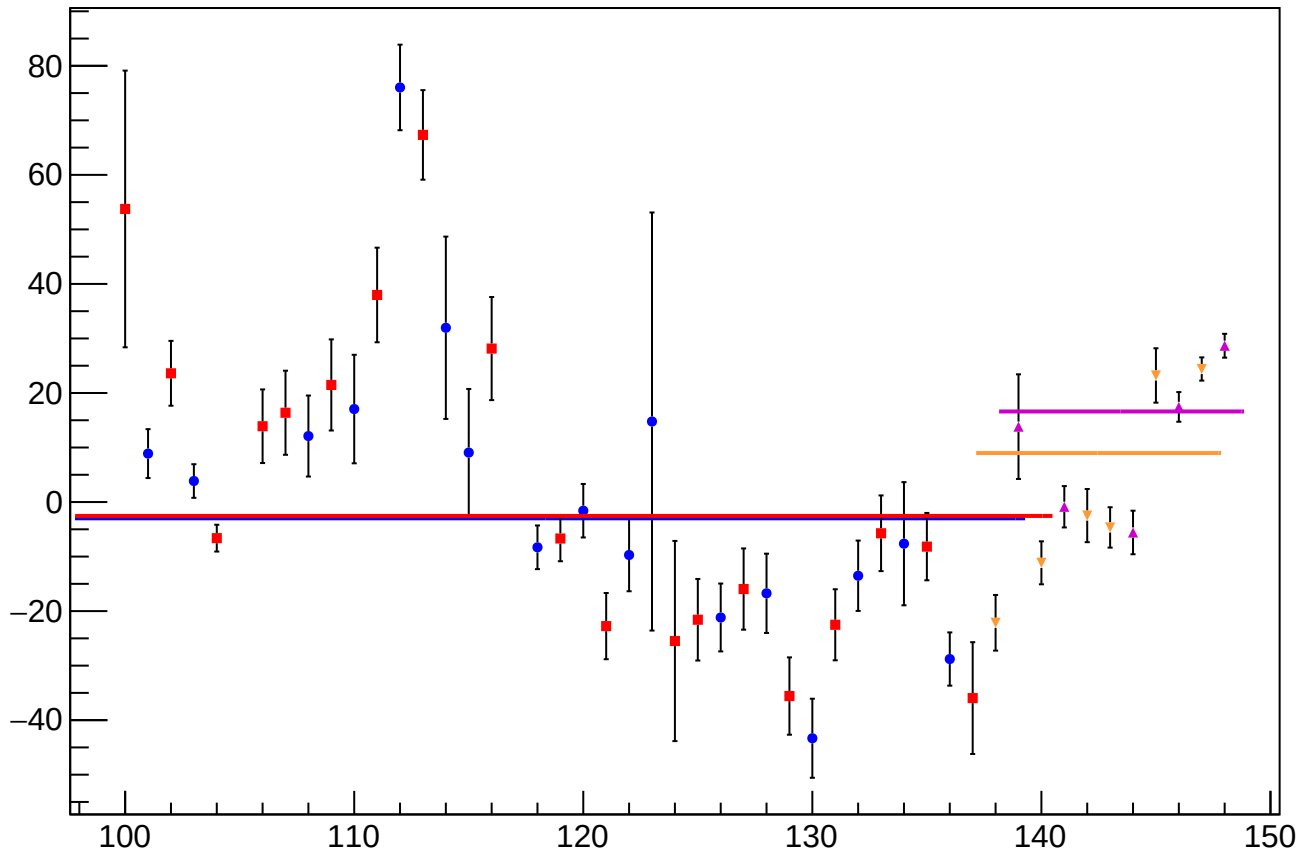
Left In: -256.013+/-2.256 χ^2/NDF : 46.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.880+/-1.570 χ^2/NDF : 496.2/10

- 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

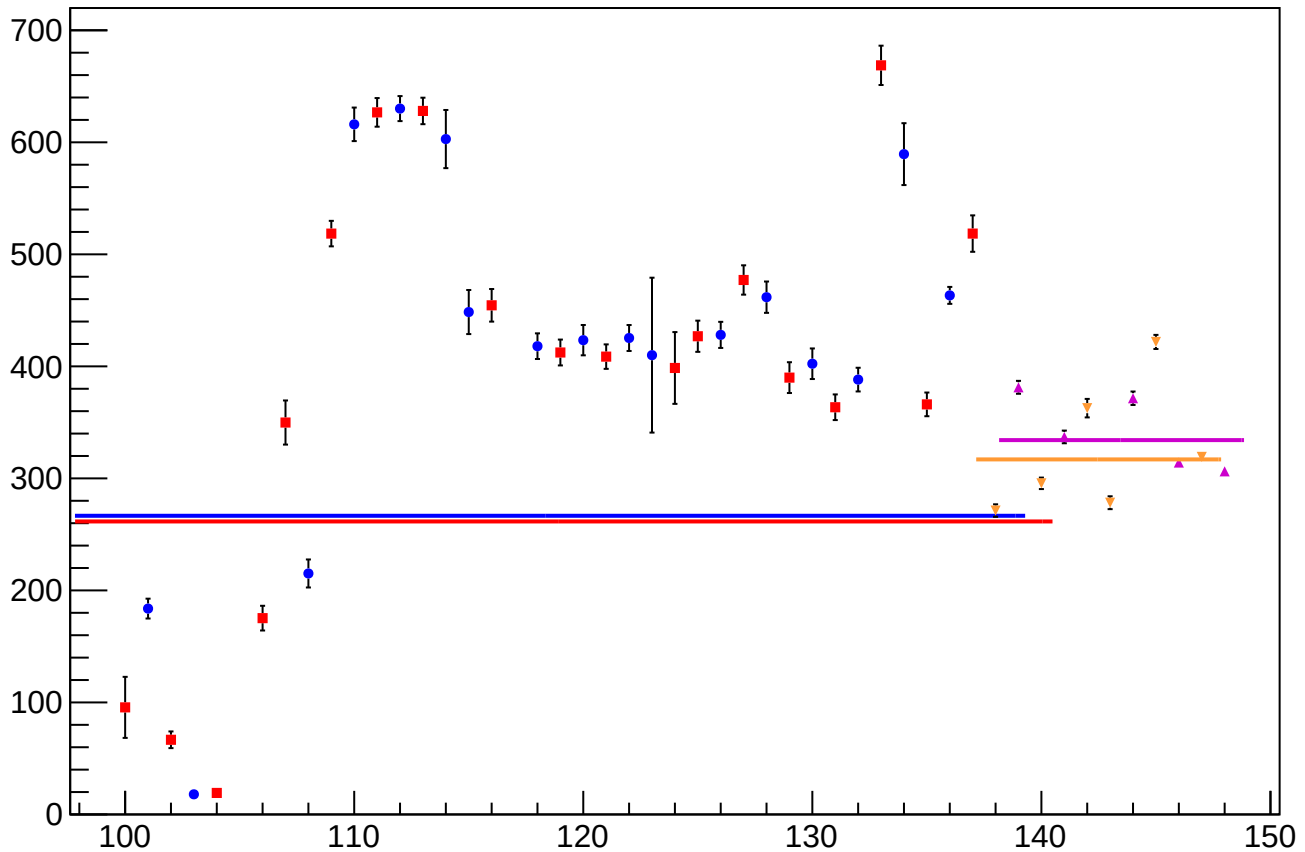
Left In: 16.610 ± 1.432 χ^2/NDF : 82.7/4

+ sign 3.021 ± 1.024 χ^2/NDF : 381.0/22

All: 4.956 ± 0.716 χ^2/NDF : 780.3/46

- sign 6.804 ± 1.001 χ^2/NDF : 392.4/23

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 266.624 $\pm$ 2.477 χ^2 /NDF: 7662.7/16

Left Out: 316.936 $\pm$ 2.253 χ^2 /NDF: 438.1/5

Right Out: 261.551 $\pm$ 2.458 χ^2 /NDF: 8208.2/18

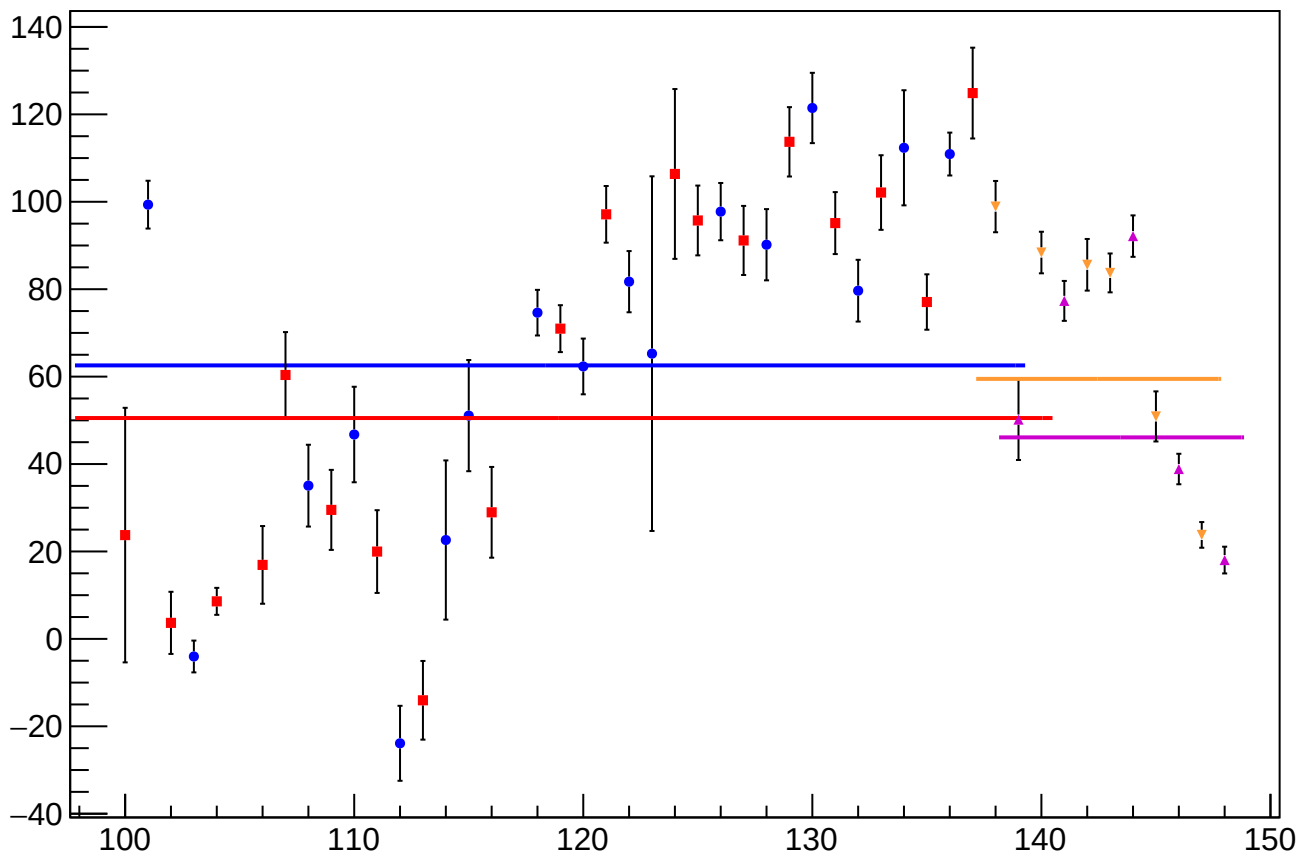
Left In: 334.168 $\pm$ 2.269 χ^2 /NDF: 169.2/4

+ sign 294.163 $\pm$ 1.667 χ^2 /NDF: 8326.6/22

All: 297.461 $\pm$ 1.179 χ^2 /NDF: 17183.2/46

- sign 300.760 $\pm$ 1.667 χ^2 /NDF: 8848.8/23

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.566 $\pm$ 1.678 χ^2 /NDF: 722.4/16

Left Out: 59.482 $\pm$ 1.830 χ^2 /NDF: 281.1/5

Right Out: 50.526 $\pm$ 1.643 χ^2 /NDF: 657.0/18

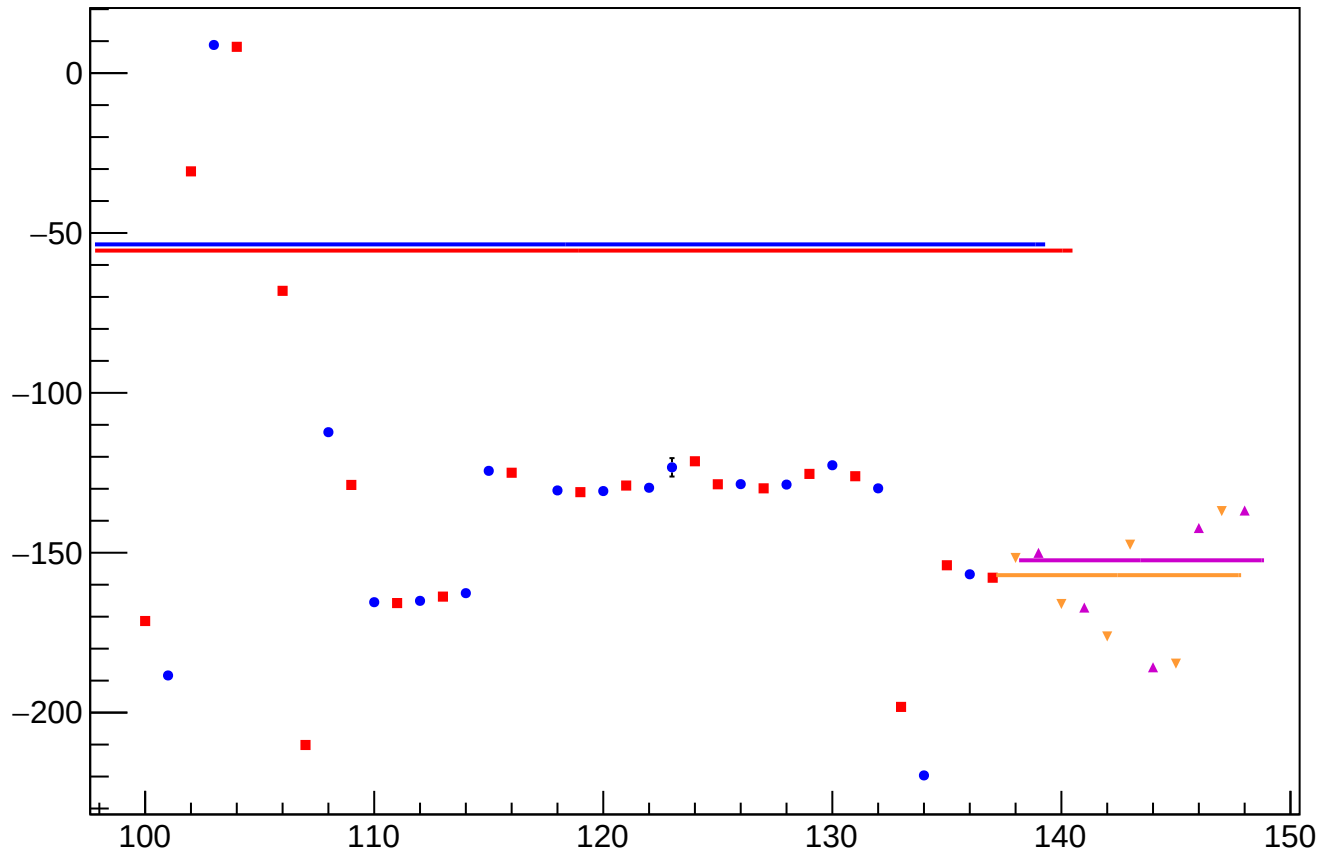
Left In: 46.099 $\pm$ 1.847 χ^2 /NDF: 229.7/4

+ sign 61.157 $\pm$ 1.237 χ^2 /NDF: 1005.1/22

All: 54.817 $\pm$ 0.871 χ^2 /NDF: 1947.2/46

- sign 48.570 $\pm$ 1.228 χ^2 /NDF: 889.9/23

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.567 ± 0.070 $\chi^2/\text{NDF}: 1230233.3/16$

Left Out: -157.017 ± 0.095 $\chi^2/\text{NDF}: 29918.6/5$

Right Out: -55.502 ± 0.072 $\chi^2/\text{NDF}: 969632.0/18$

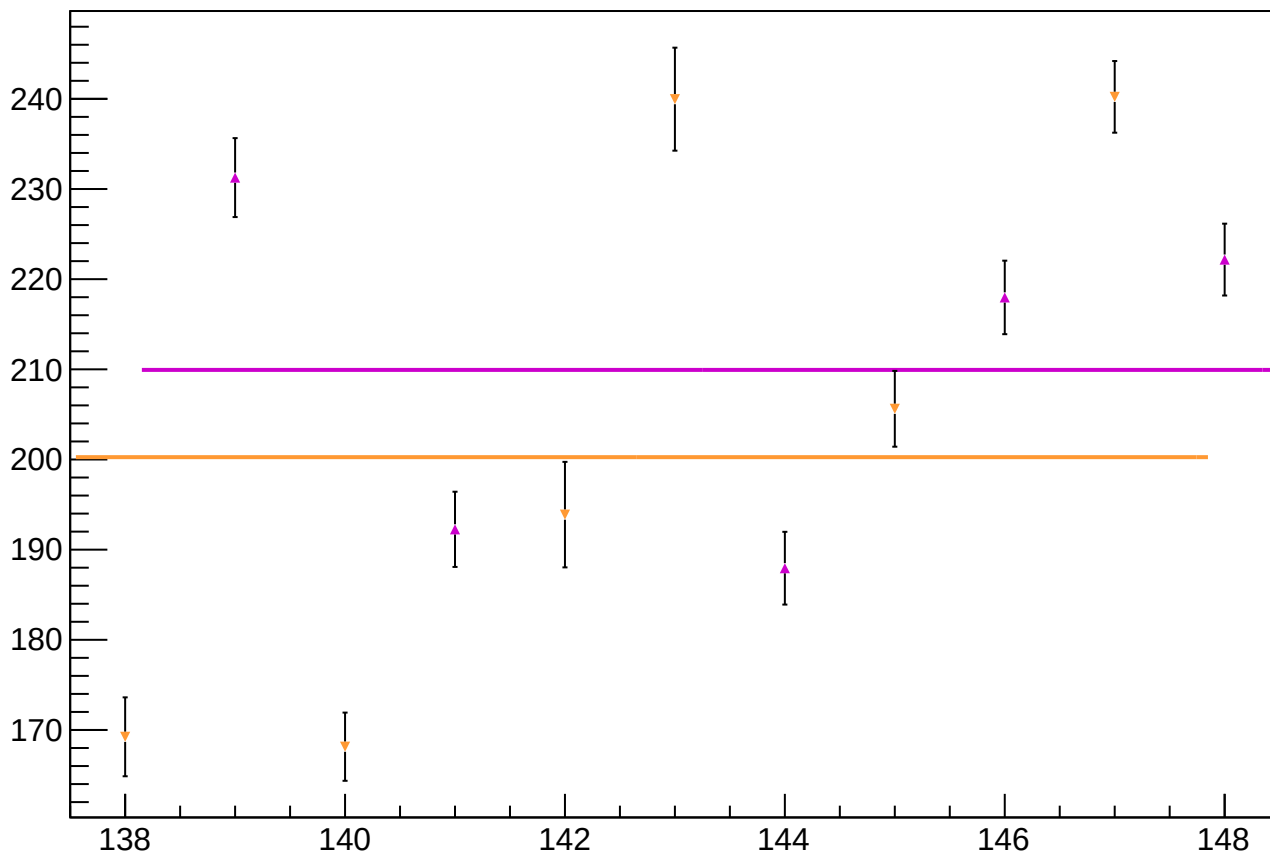
Left In: -152.369 ± 0.095 $\chi^2/\text{NDF}: 30249.4/4$

+ sign -89.959 ± 0.057 $\chi^2/\text{NDF}: 2022496.1/22$

All: -90.428 ± 0.040 $\chi^2/\text{NDF}: 3685847.1/46$

- sign -90.909 ± 0.057 $\chi^2/\text{NDF}: 1663211.8/23$

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

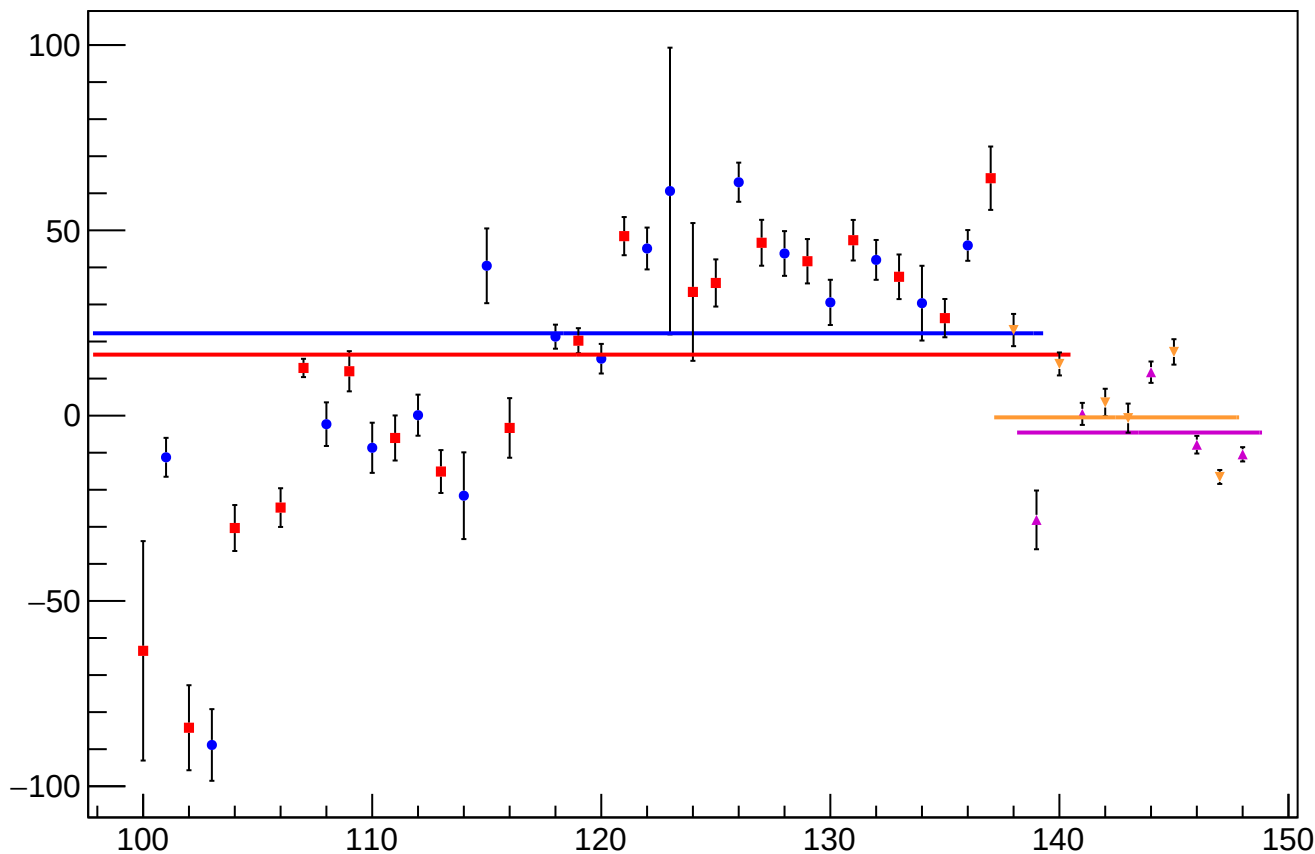
Left In: 209.937+/-1.844 χ^2/NDF : 84.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.036+/-1.295 χ^2/NDF : 373.3/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.221 ± 1.374 $\chi^2/\text{NDF}: 385.6/16$

Left Out: -0.464 ± 1.229 $\chi^2/\text{NDF}: 151.5/5$

Right Out: 16.466 ± 1.230 $\chi^2/\text{NDF}: 425.9/18$

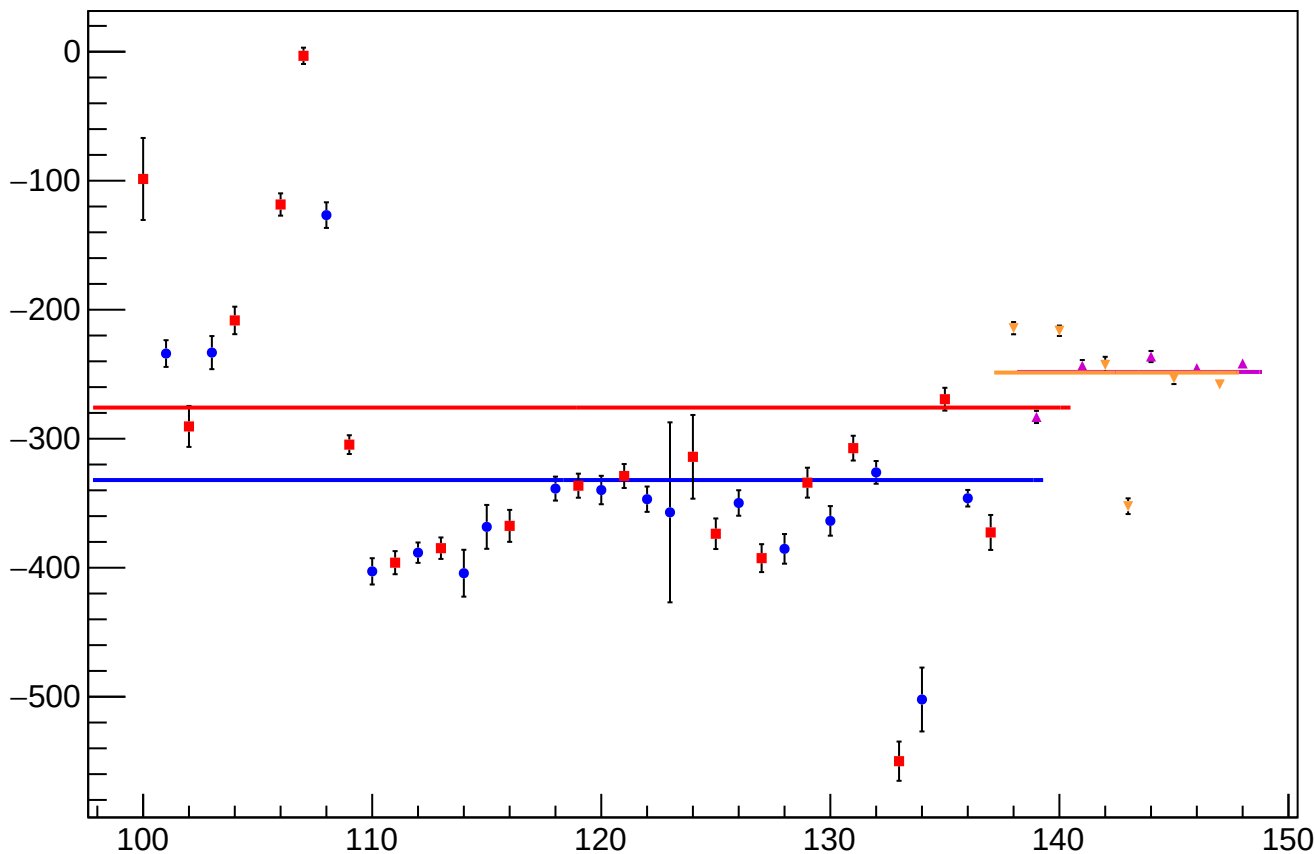
Left In: -4.561 ± 1.200 $\chi^2/\text{NDF}: 54.8/4$

+ sign 9.624 ± 0.916 $\chi^2/\text{NDF}: 688.5/22$

All: 7.534 ± 0.627 $\chi^2/\text{NDF}: 1328.8/46$

- sign 5.698 ± 0.859 $\chi^2/\text{NDF}: 630.5/23$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -332.037 $\pm$ 2.562 χ^2/NDF : 784.9/16

Left Out: -248.725 $\pm$ 1.885 χ^2/NDF : 414.1/5

Right Out: -275.853 $\pm$ 2.324 χ^2/NDF : 3362.8/18

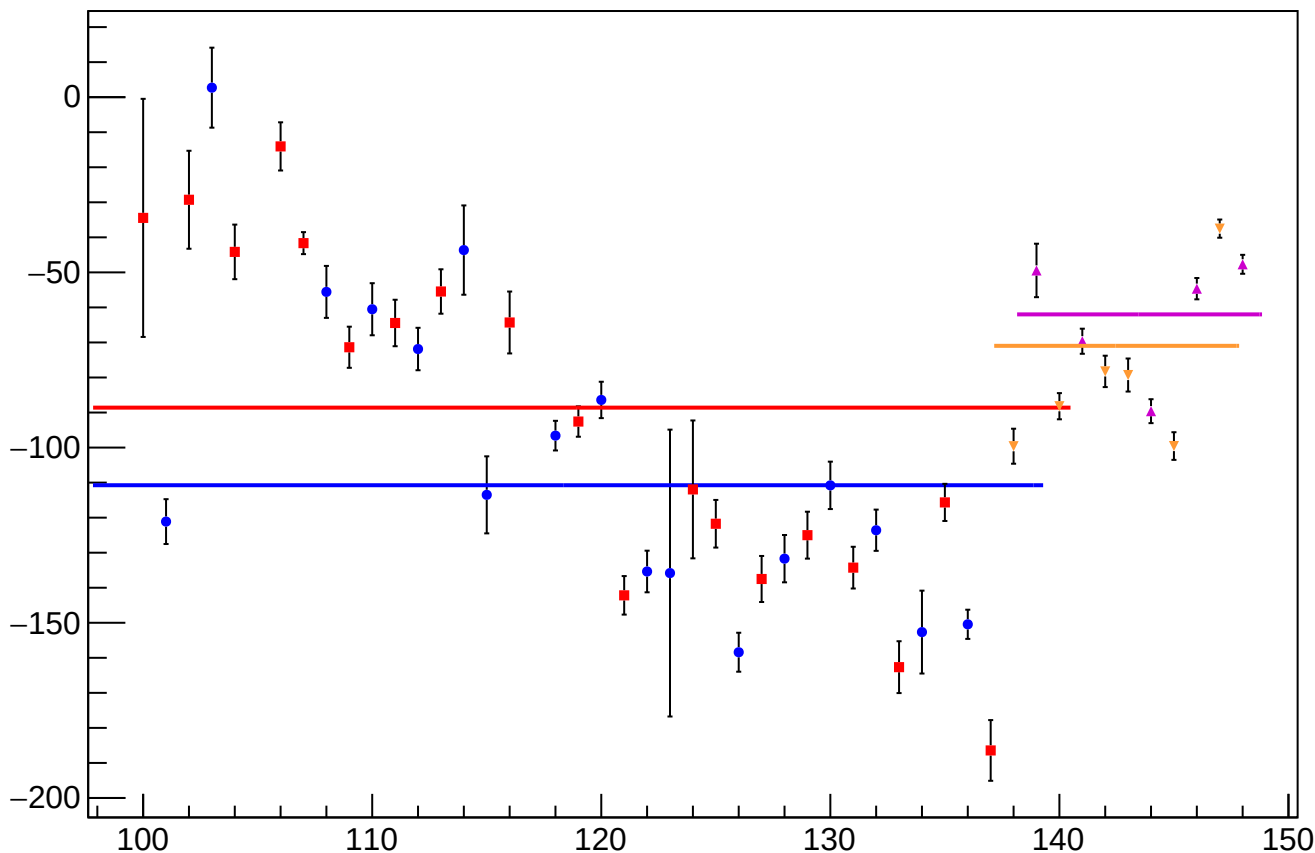
Left In: -248.243 $\pm$ 1.868 χ^2/NDF : 66.7/4

+ sign -277.980 $\pm$ 1.518 χ^2/NDF : 1885.2/22

All: -268.134 $\pm$ 1.051 χ^2/NDF : 5481.2/46

- sign -259.077 $\pm$ 1.456 χ^2/NDF : 3515.3/23

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

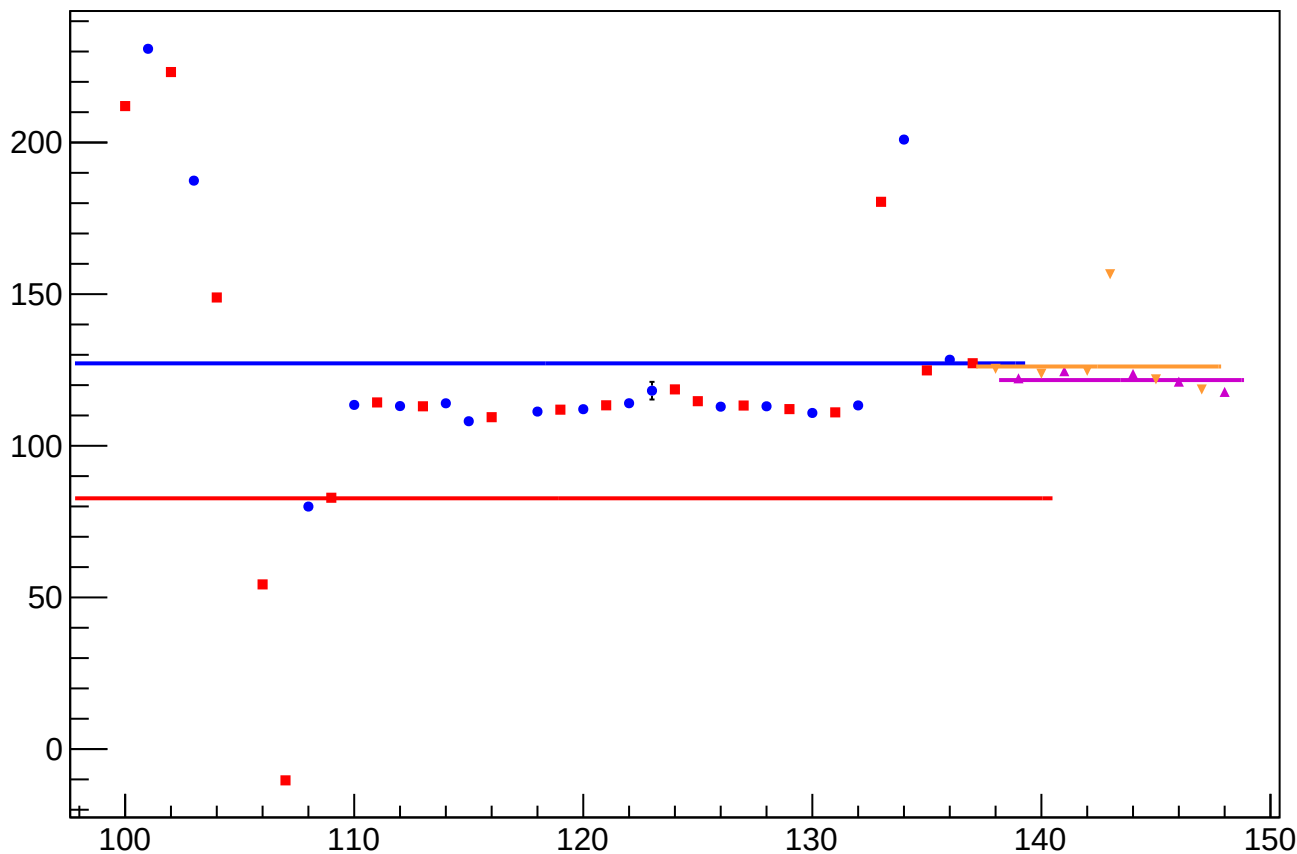
Left In: -61.988 ± 1.532 χ^2/NDF : 106.5/4

+ sign -90.442 ± 1.104 χ^2/NDF : 1116.1/22

All: -82.929 ± 0.760 χ^2/NDF : 2441.1/46

- sign -76.169 ± 1.047 χ^2/NDF : 1237.0/23

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.179 $\pm$ 0.089 χ^2/NDF : 188050.9/16

Left Out: 126.145 $\pm$ 0.079 χ^2/NDF :18132.2/5

Right Out: 82.684 $\pm$ 0.075 χ^2/NDF : 765716.0/18

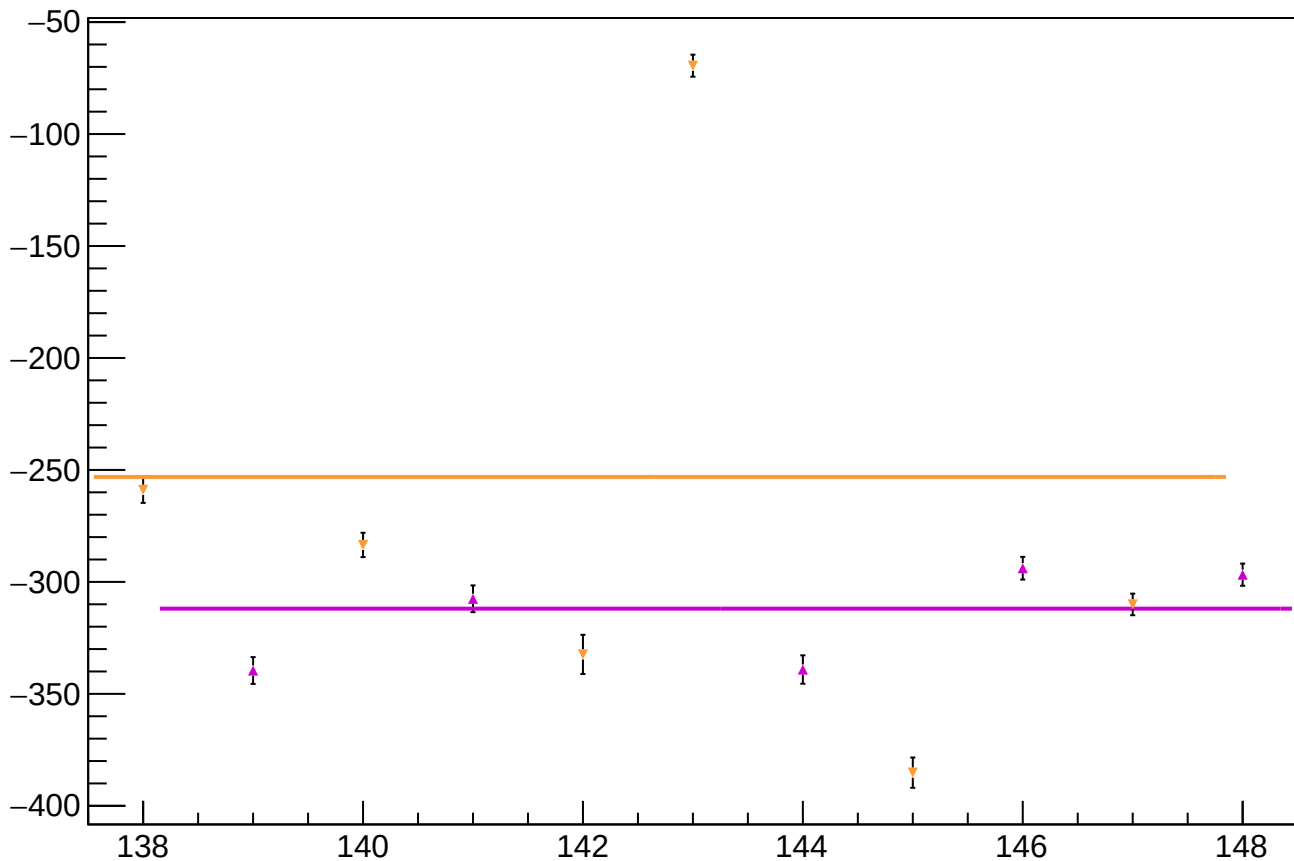
Left In: 121.671 $\pm$ 0.078 χ^2/NDF :994.6/4

+ sign 126.603 $\pm$ 0.059 χ^2/NDF : 206258.2/22

All: 112.925 $\pm$ 0.040 χ^2/NDF : 1200107.9/46

- sign 101.512 $\pm$ 0.054 χ^2/NDF : 896170.5/23

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

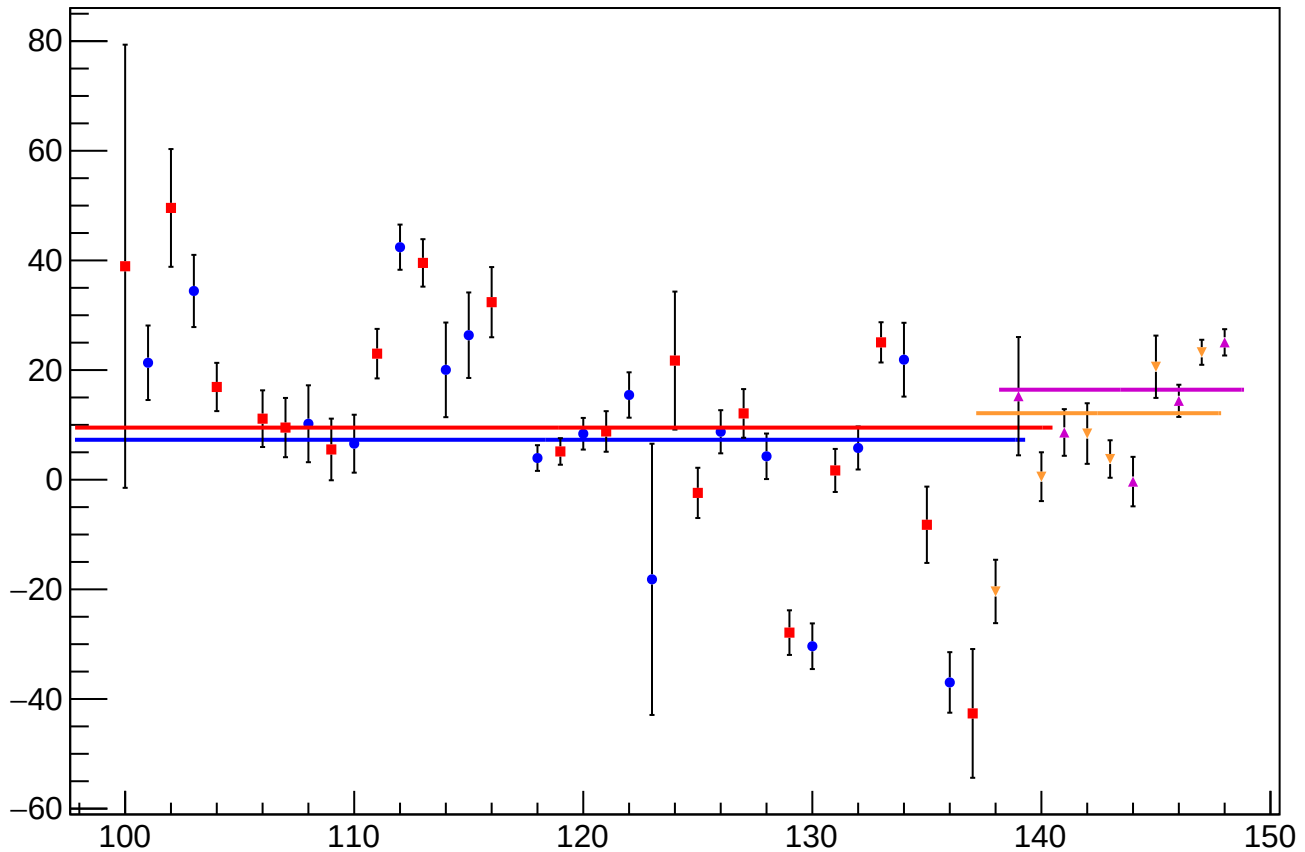
Left In: -311.947+/-2.496 χ^2/NDF : 62.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -280.631+/-1.707 χ^2/NDF : 2384.4/10

- 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

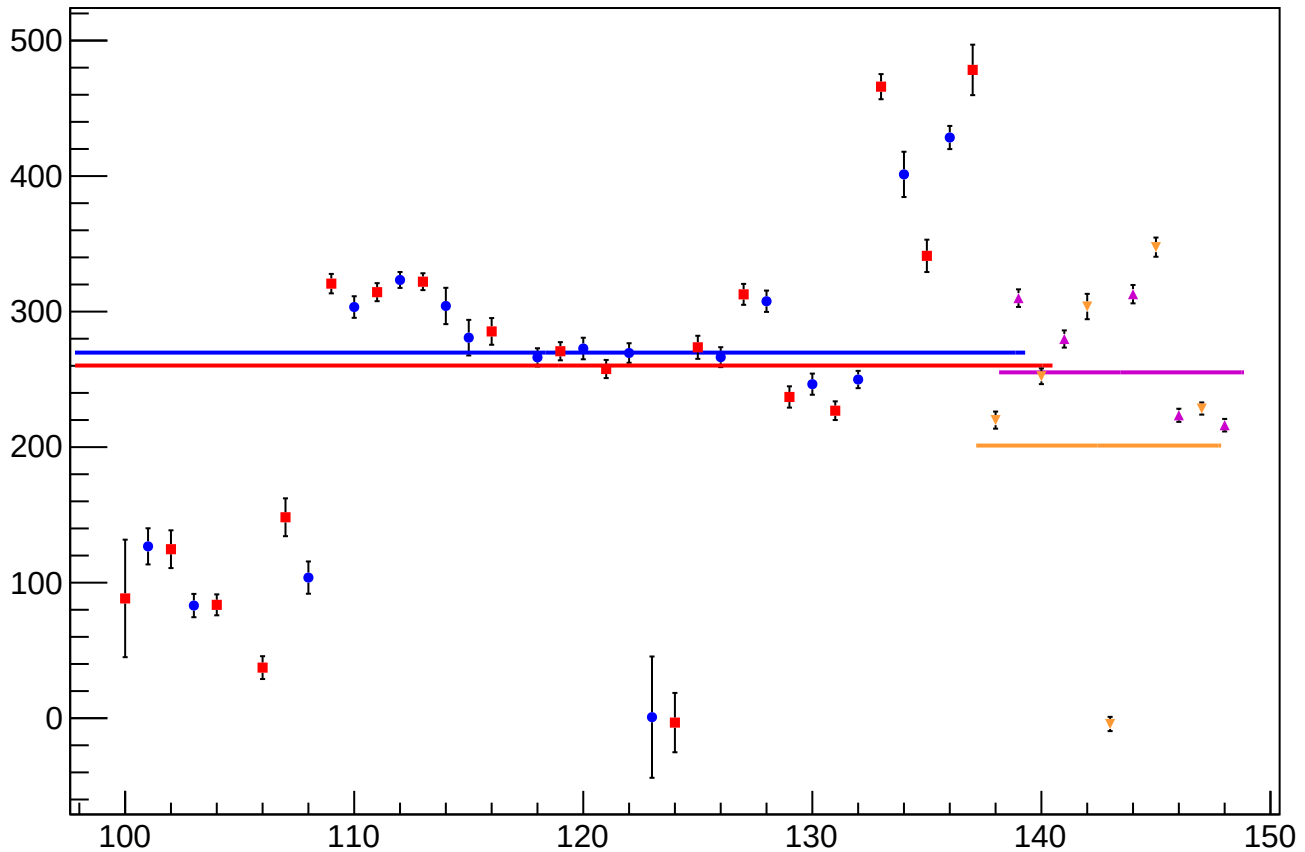
Left In: 16.418 ± 1.576 χ^2/NDF : 30.6/4

+ sign 8.889 ± 0.886 χ^2/NDF : 338.4/22

All: 10.291 ± 0.627 χ^2/NDF : 618.6/46

- sign 11.698 ± 0.888 χ^2/NDF : 275.3/23

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

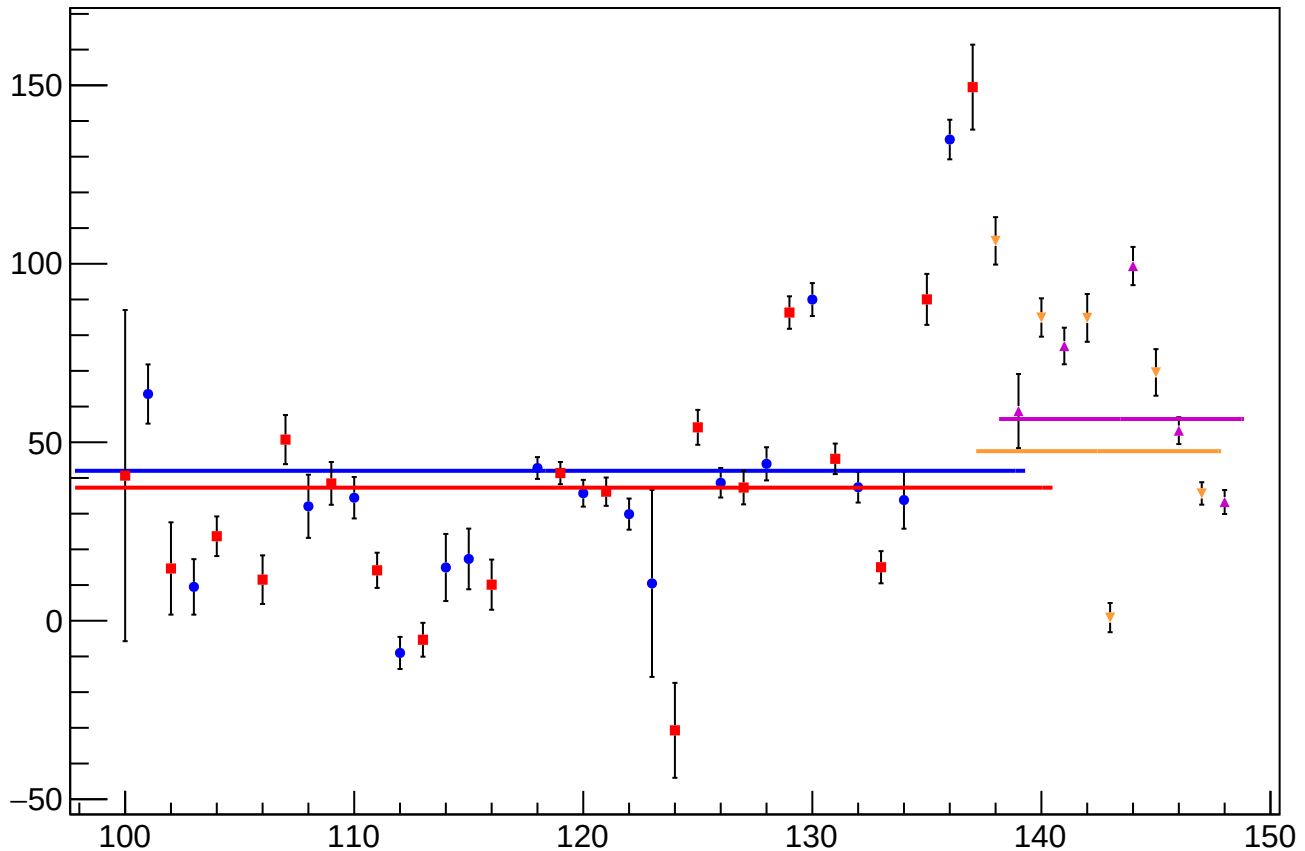
Left In: 255.174 $\pm$ 2.505 χ^2 /NDF: 272.0/4

+ sign 240.634 $\pm$ 1.571 χ^2 /NDF: 4038.5/22

All: 249.561 $\pm$ 1.104 χ^2 /NDF: 6918.4/46

- sign 258.274 $\pm$ 1.552 χ^2 /NDF: 2816.1/23

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.006 $\pm$ 1.255 χ^2/NDF : 575.6/16

Left Out: 47.512 $\pm$ 1.947 χ^2/NDF : 313.8/5

Right Out: 37.284 $\pm$ 1.237 χ^2/NDF : 472.6/18

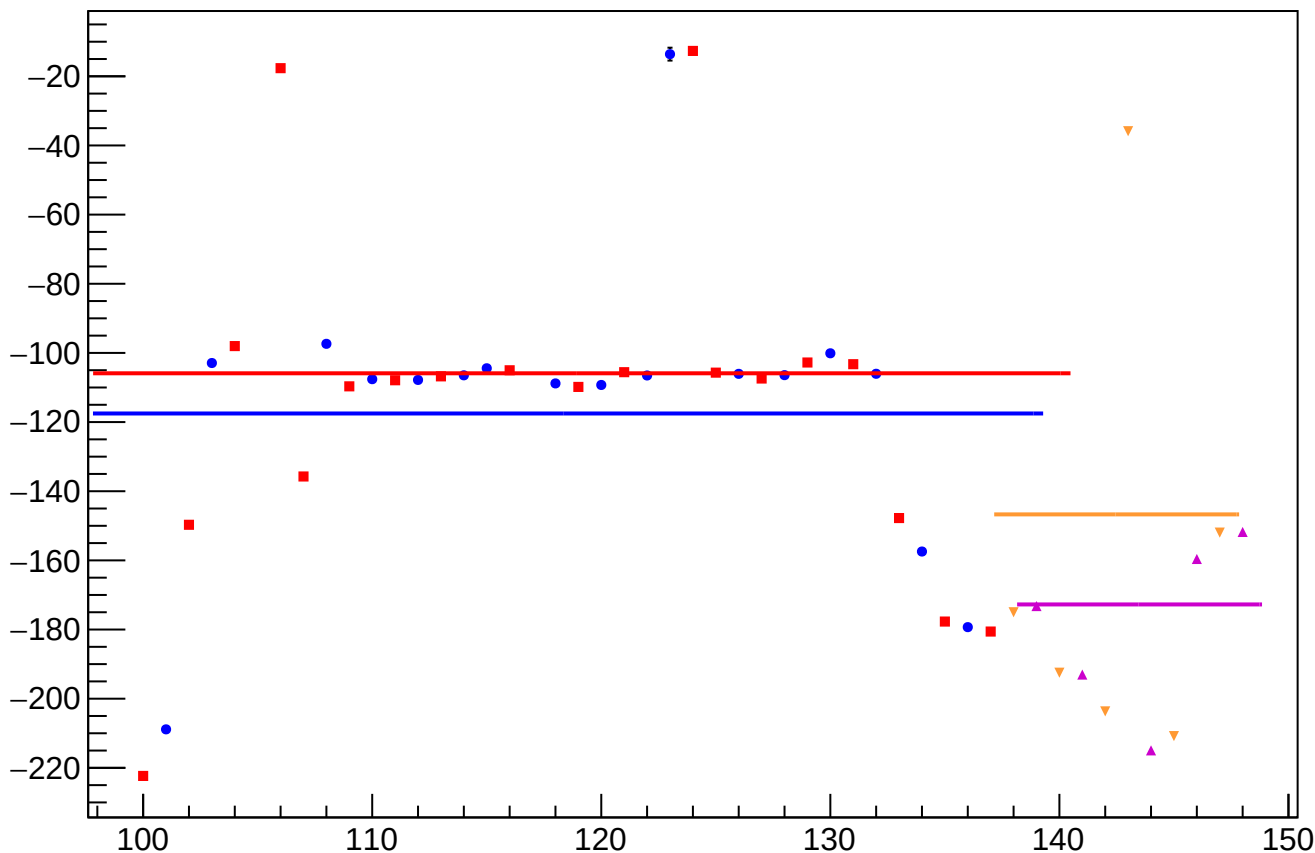
Left In: 56.517 $\pm$ 2.035 χ^2/NDF : 128.7/4

+ sign 43.623 $\pm$ 1.055 χ^2/NDF : 895.0/22

All: 43.050 $\pm$ 0.747 χ^2/NDF : 1562.1/46

- sign 42.475 $\pm$ 1.057 χ^2/NDF : 666.6/23

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

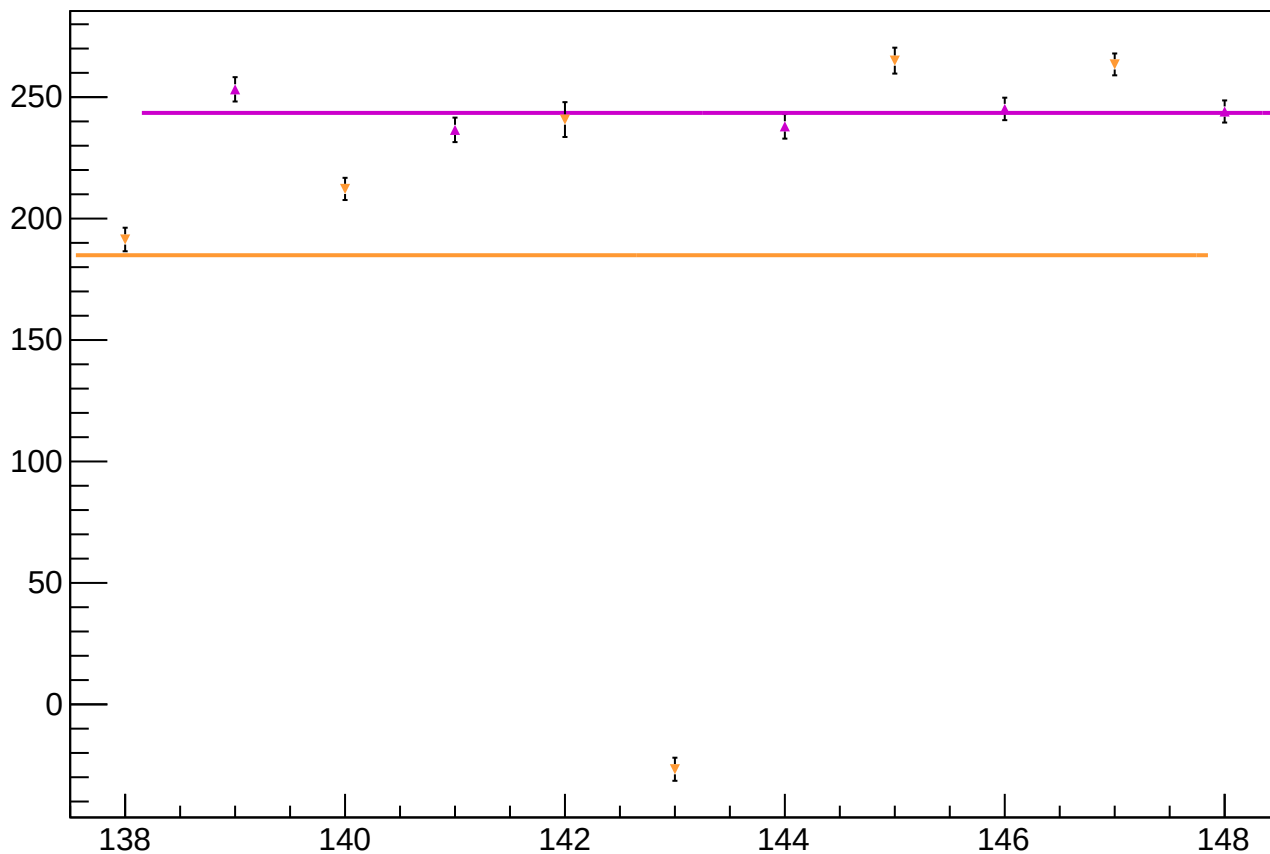
Left In: -172.741+/-0.105 χ^2/NDF : 40972.0/4

+ sign -128.294+/-0.062 χ^2/NDF : 592671.7/22

All: -127.952+/-0.043 χ^2/NDF : 1232247.3/46

- sign -127.634+/-0.060 χ^2/NDF : 639517.0/23

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

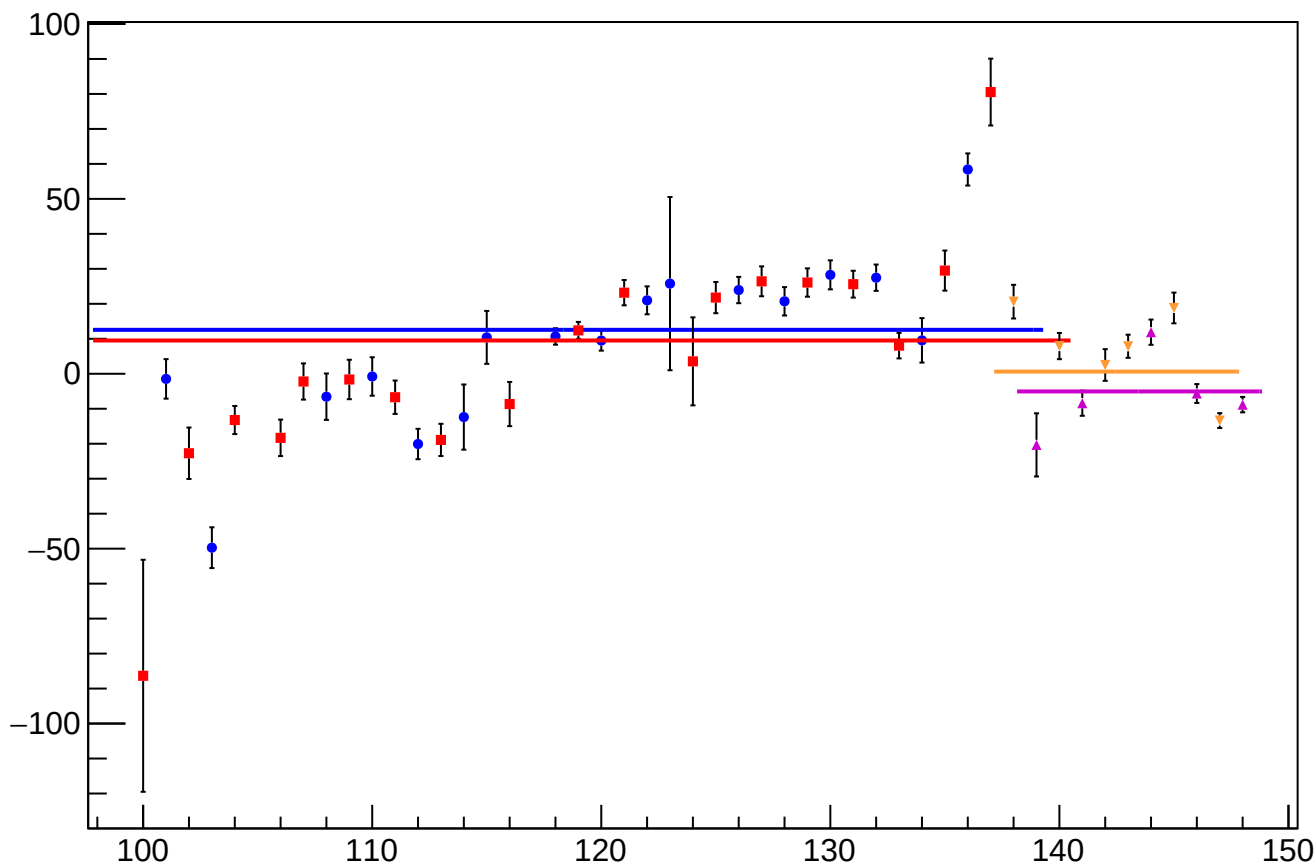
Left In: 243.508+/-2.166 χ^2/NDF : 7.0/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.561+/-1.488 χ^2/NDF : 3003.1/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.561 $\pm$ 1.056 χ^2 /NDF: 347.7/16

Left Out: 0.625 $\pm$ 1.378 χ^2 /NDF: 86.4/5

Right Out: 9.519 $\pm$ 1.051 χ^2 /NDF: 296.2/18

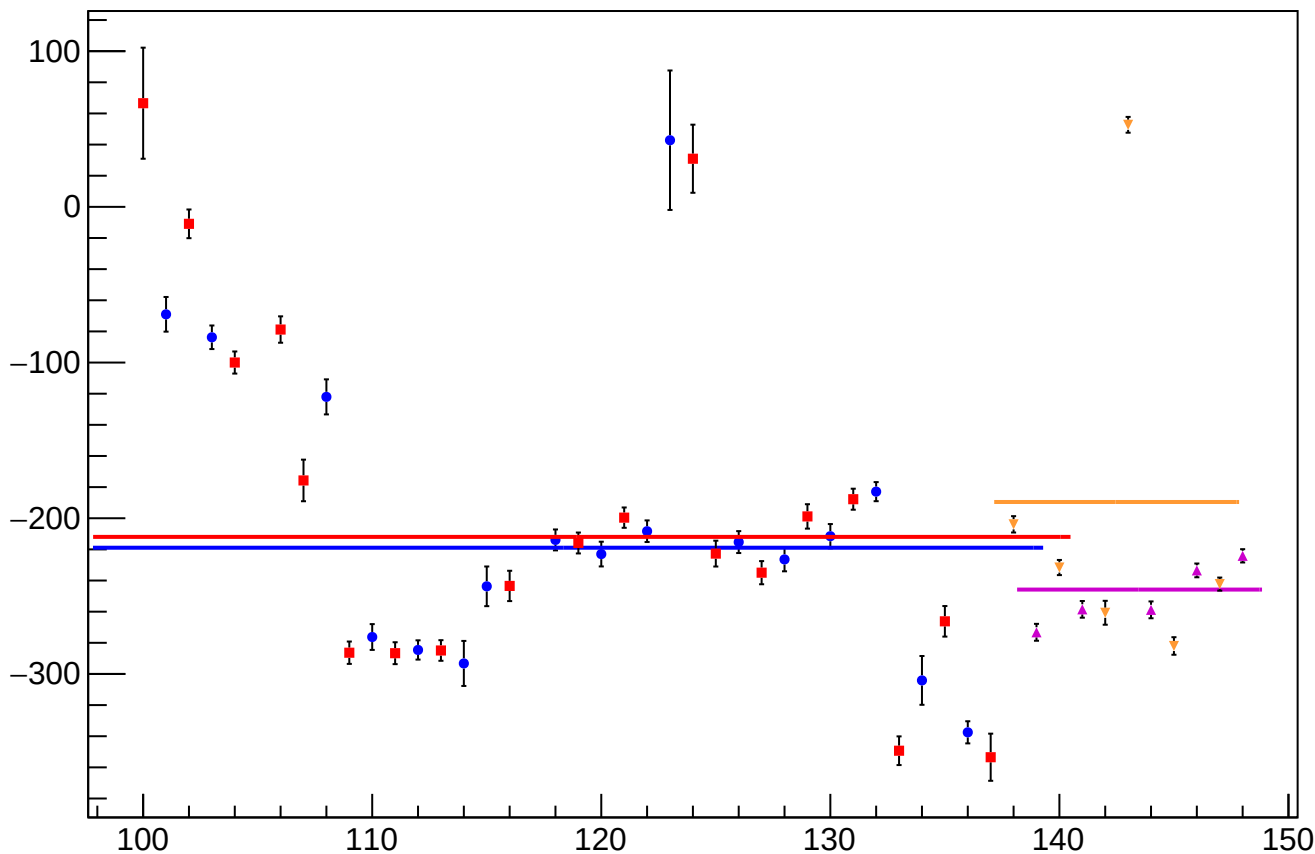
Left In: -5.054 $\pm$ 1.402 χ^2 /NDF: 28.7/4

+ sign 8.148 $\pm$ 0.838 χ^2 /NDF: 481.4/22

All: 6.219 $\pm$ 0.593 χ^2 /NDF: 886.2/46

- sign 4.279 $\pm$ 0.841 χ^2 /NDF: 394.2/23

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.925 ± 2.006 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -189.552 ± 2.121 $\chi^2/\text{NDF}: 2873.4/5$

Right Out: -211.968 ± 1.924 $\chi^2/\text{NDF}: 1886.2/18$

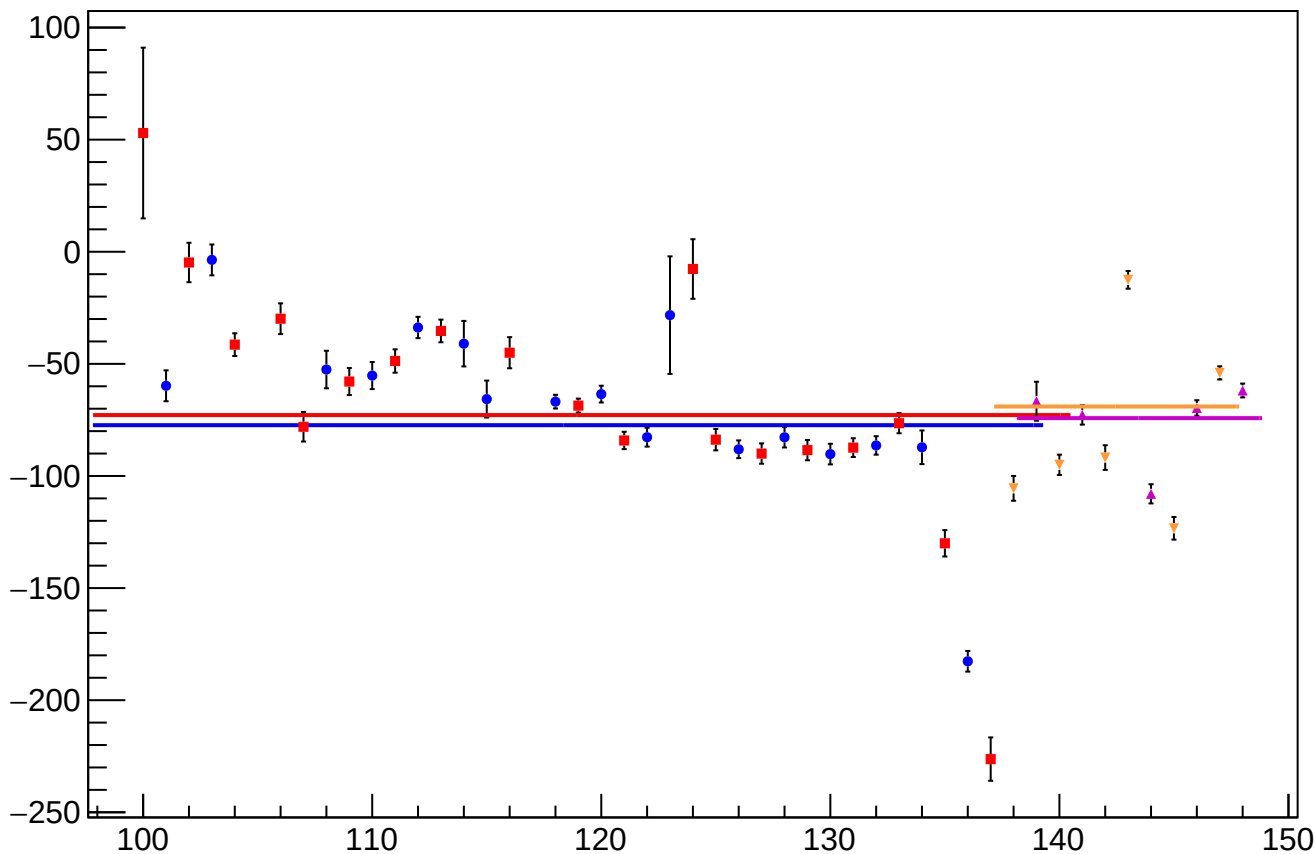
Left In: -245.808 ± 2.188 $\chi^2/\text{NDF}: 70.5/4$

+ sign -205.053 ± 1.457 $\chi^2/\text{NDF}: 4121.3/22$

All: -215.984 ± 1.026 $\chi^2/\text{NDF}: 6324.4/46$

- sign -226.731 ± 1.445 $\chi^2/\text{NDF}: 2091.6/23$

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

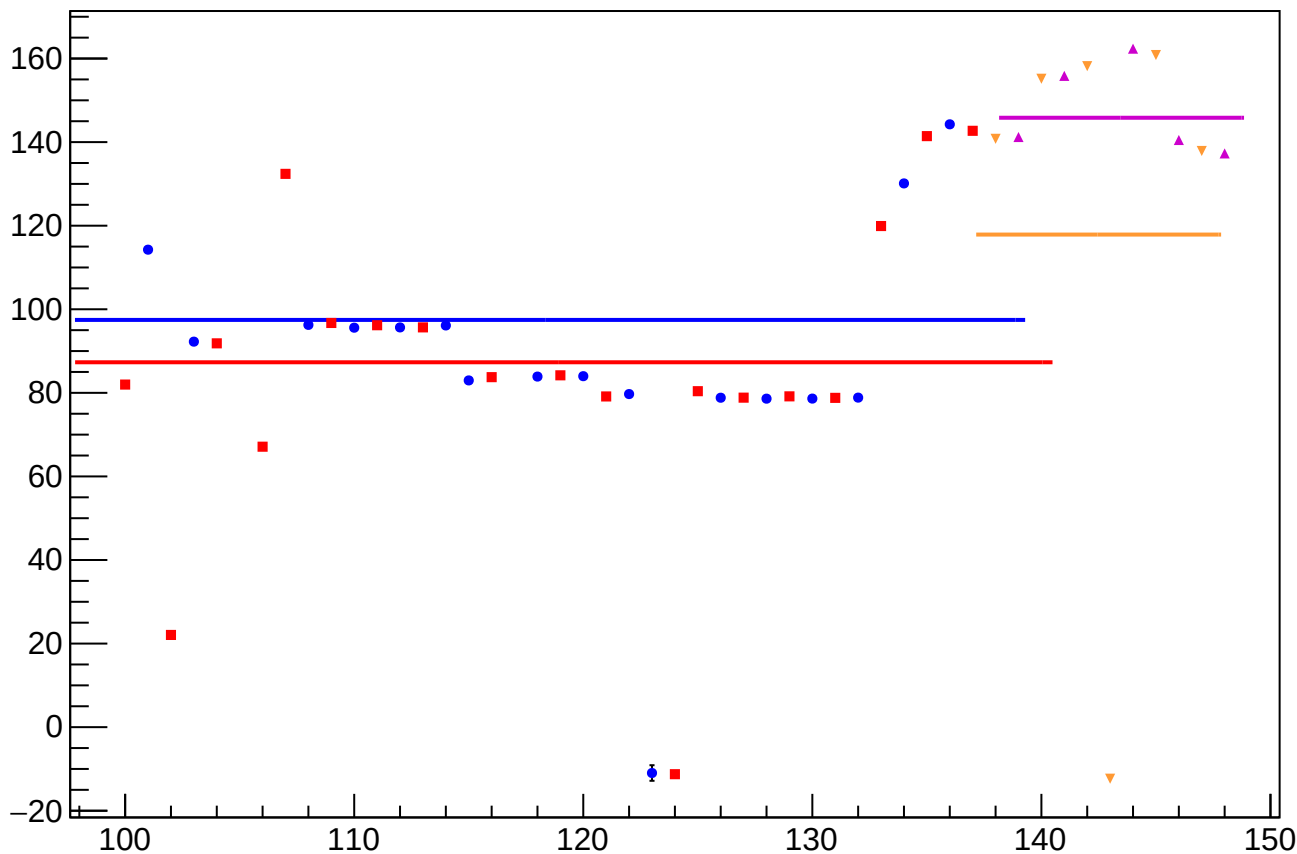
Left In: -74.200 ± 1.796 χ^2/NDF : 80.8/4

+ sign -74.583 ± 0.997 χ^2/NDF : 1272.7/22

All: -73.926 ± 0.707 χ^2/NDF : 2027.6/46

- sign -73.261 ± 1.003 χ^2/NDF : 754.1/23

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.452 ± 0.073 $\chi^2/\text{NDF}: 94476.4/16$

Left Out: 117.876 ± 0.089 $\chi^2/\text{NDF}: 518633.6/5$

Right Out: 87.315 ± 0.068 $\chi^2/\text{NDF}: 221837.7/18$

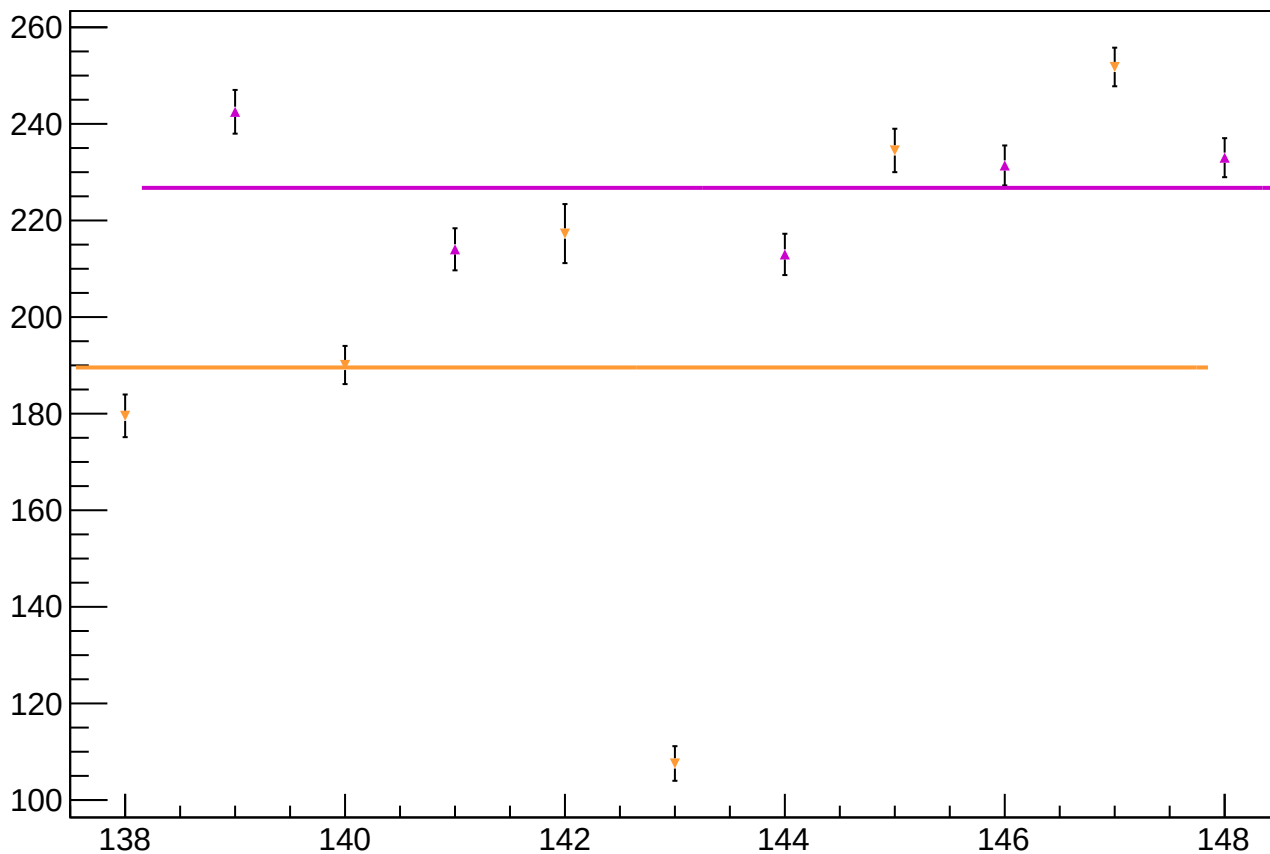
Left In: 145.829 ± 0.091 $\chi^2/\text{NDF}: 10464.3/4$

+ sign 105.680 ± 0.057 $\chi^2/\text{NDF}: 644418.1/22$

All: 107.054 ± 0.039 $\chi^2/\text{NDF}: 1141949.4/46$

- sign 108.333 ± 0.055 $\chi^2/\text{NDF}: 496394.6/23$

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

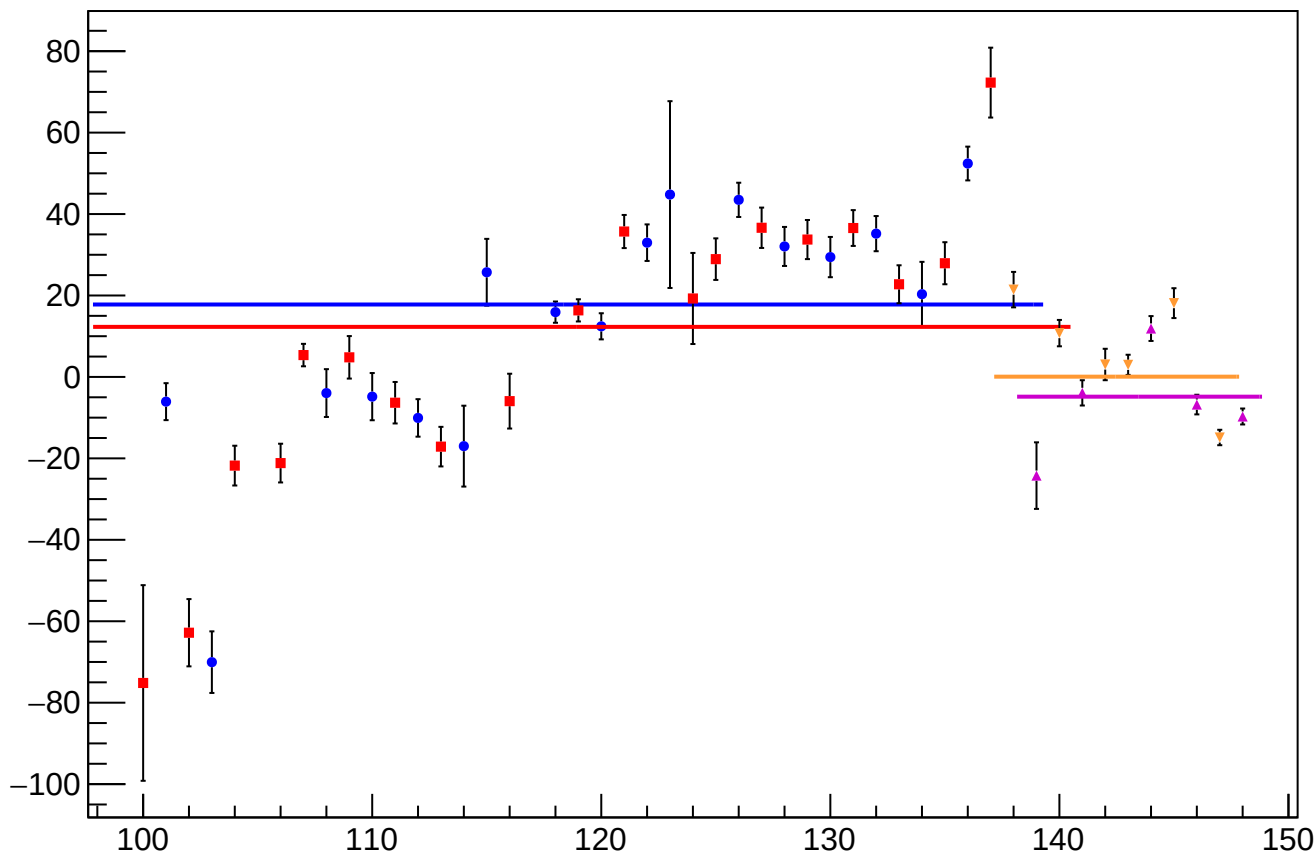
Left In: 226.752+/-1.904 χ^2/NDF : 34.7/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.442+/-1.283 χ^2/NDF : 1134.1/10

- 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

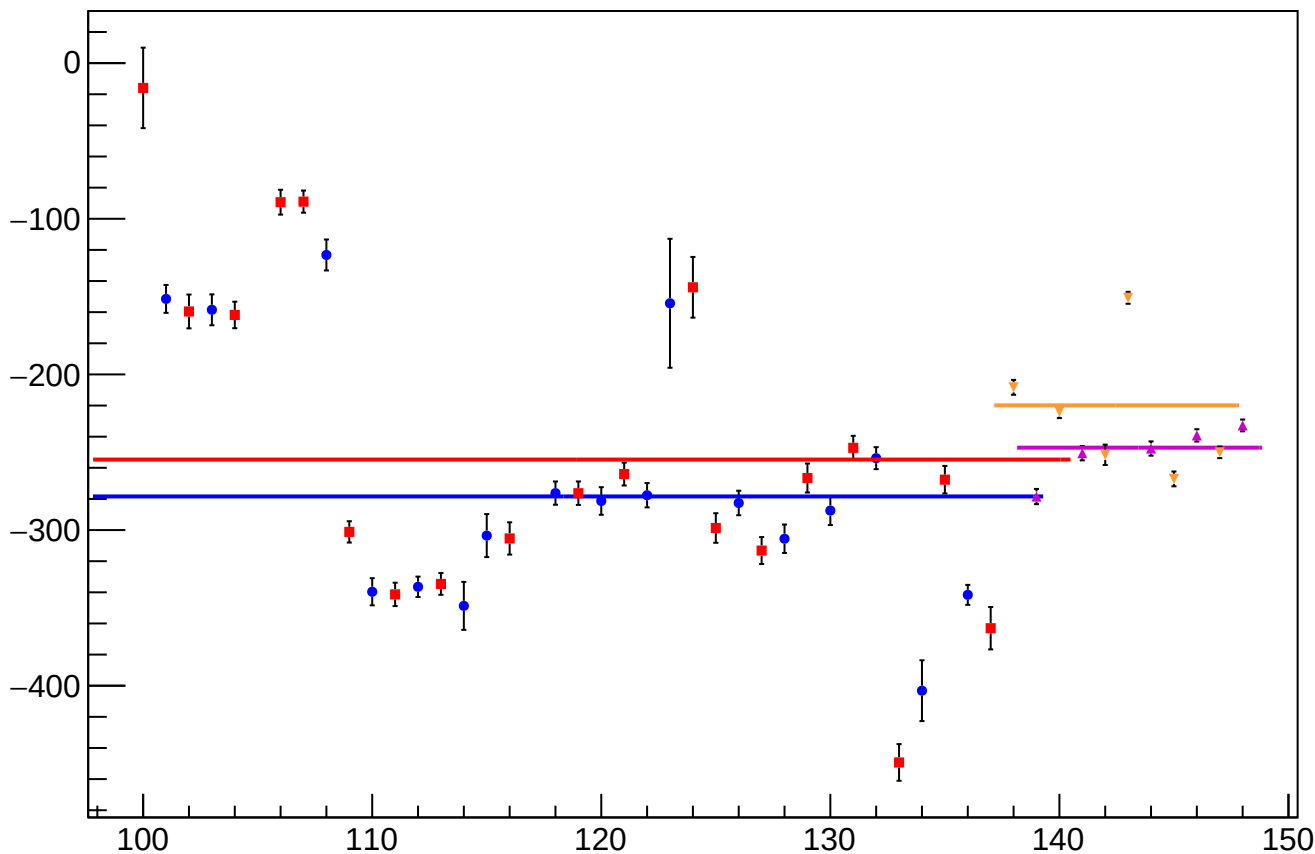
Left In: -4.848 $\pm$ 1.232 χ^2 /NDF: 42.6/4

+ sign 9.099 $\pm$ 0.819 χ^2 /NDF: 635.7/22

All: 6.939 $\pm$ 0.577 χ^2 /NDF: 1244.9/46

- sign 4.799 $\pm$ 0.815 χ^2 /NDF: 595.3/23

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.393 ± 2.168 $\chi^2/\text{NDF}: 910.5/16$

Left Out: -219.857 ± 1.803 $\chi^2/\text{NDF}: 520.3/5$

Right Out: -254.703 ± 2.020 $\chi^2/\text{NDF}: 2038.5/18$

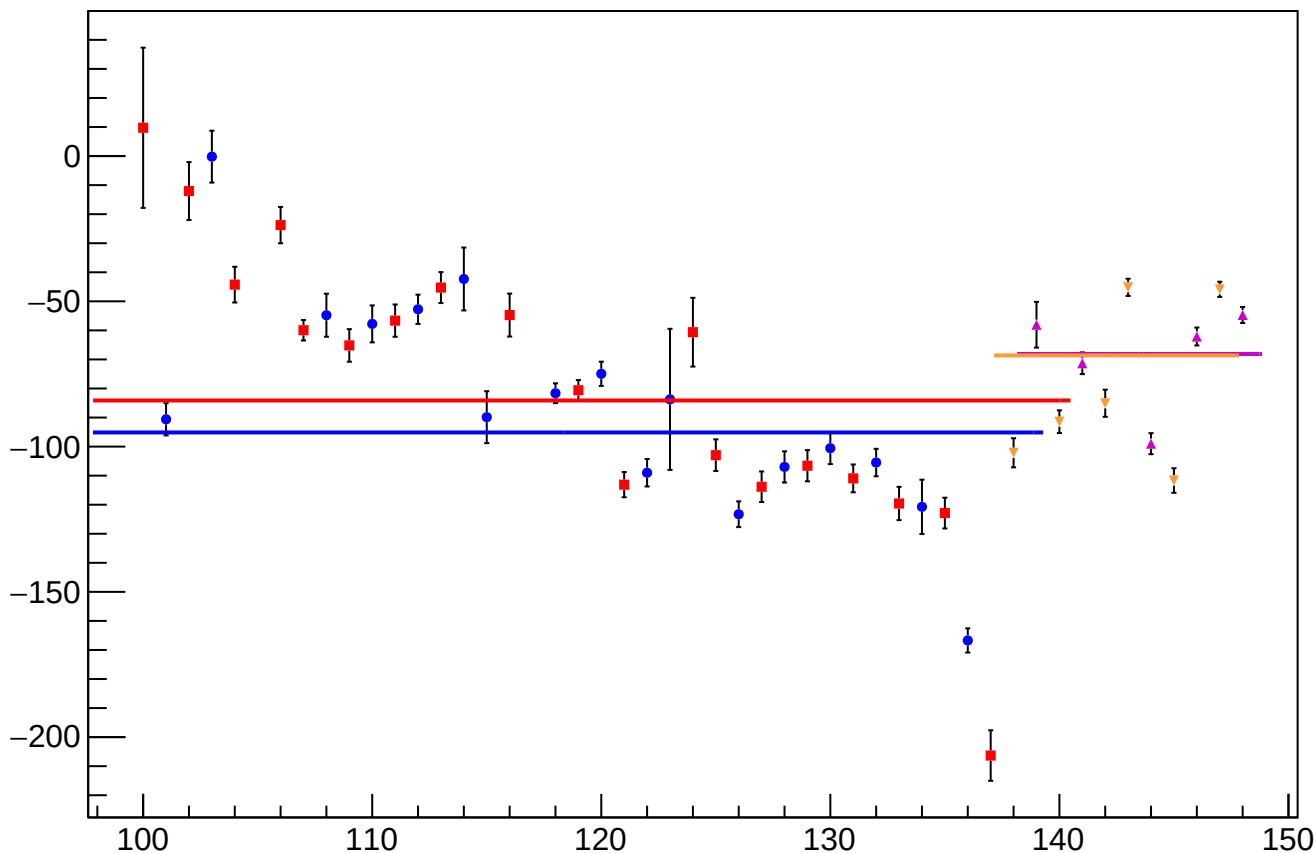
Left In: -247.051 ± 1.926 $\chi^2/\text{NDF}: 59.9/4$

+ sign -243.793 ± 1.386 $\chi^2/\text{NDF}: 1861.9/22$

All: -247.224 ± 0.983 $\chi^2/\text{NDF}: 3980.2/46$

- sign -250.694 ± 1.394 $\chi^2/\text{NDF}: 2106.0/23$

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

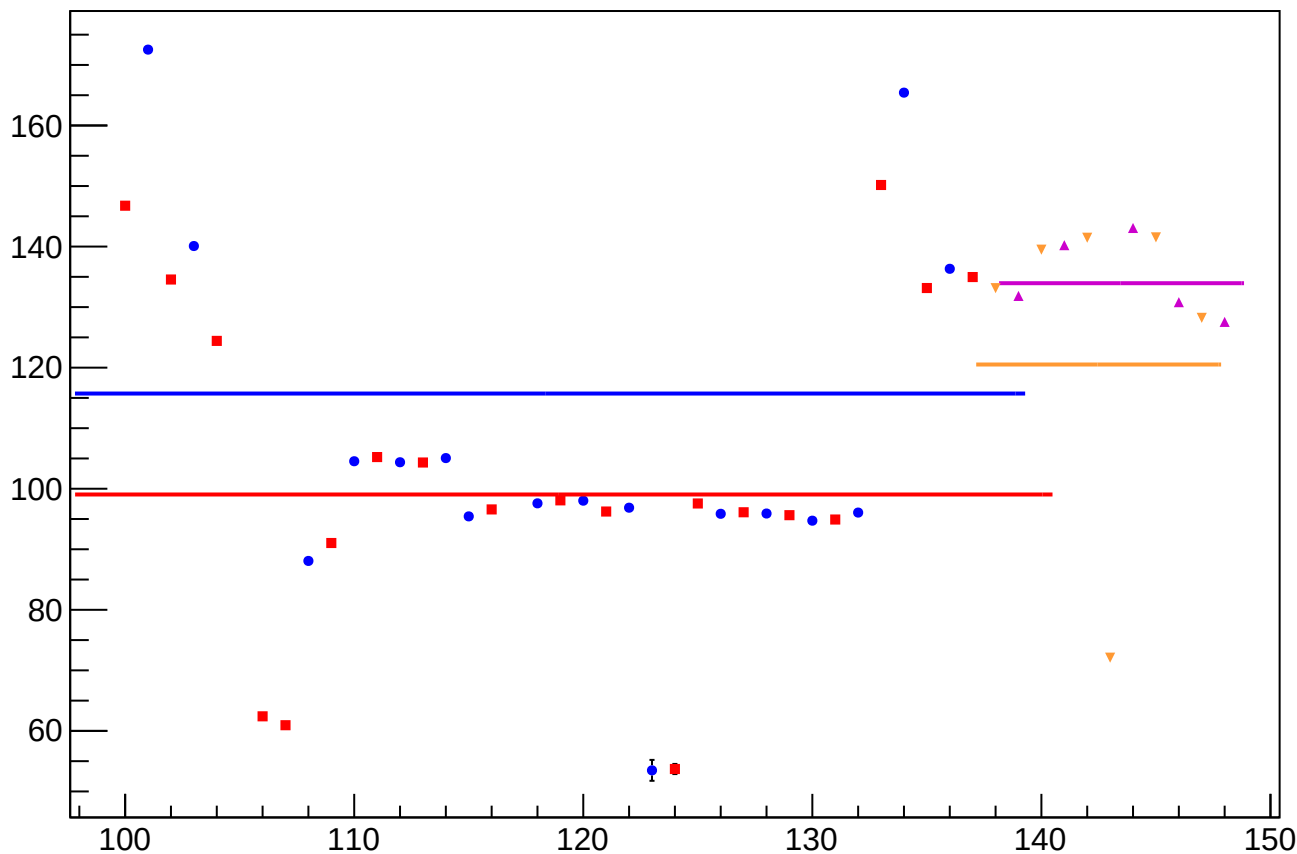
Left In: -68.128 ± 1.577 χ^2/NDF : 103.0/4

+ sign -83.208 ± 0.981 χ^2/NDF : 1189.2/22

All: -80.560 ± 0.695 χ^2/NDF : 2152.5/46

- sign -77.898 ± 0.984 χ^2/NDF : 948.7/23

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

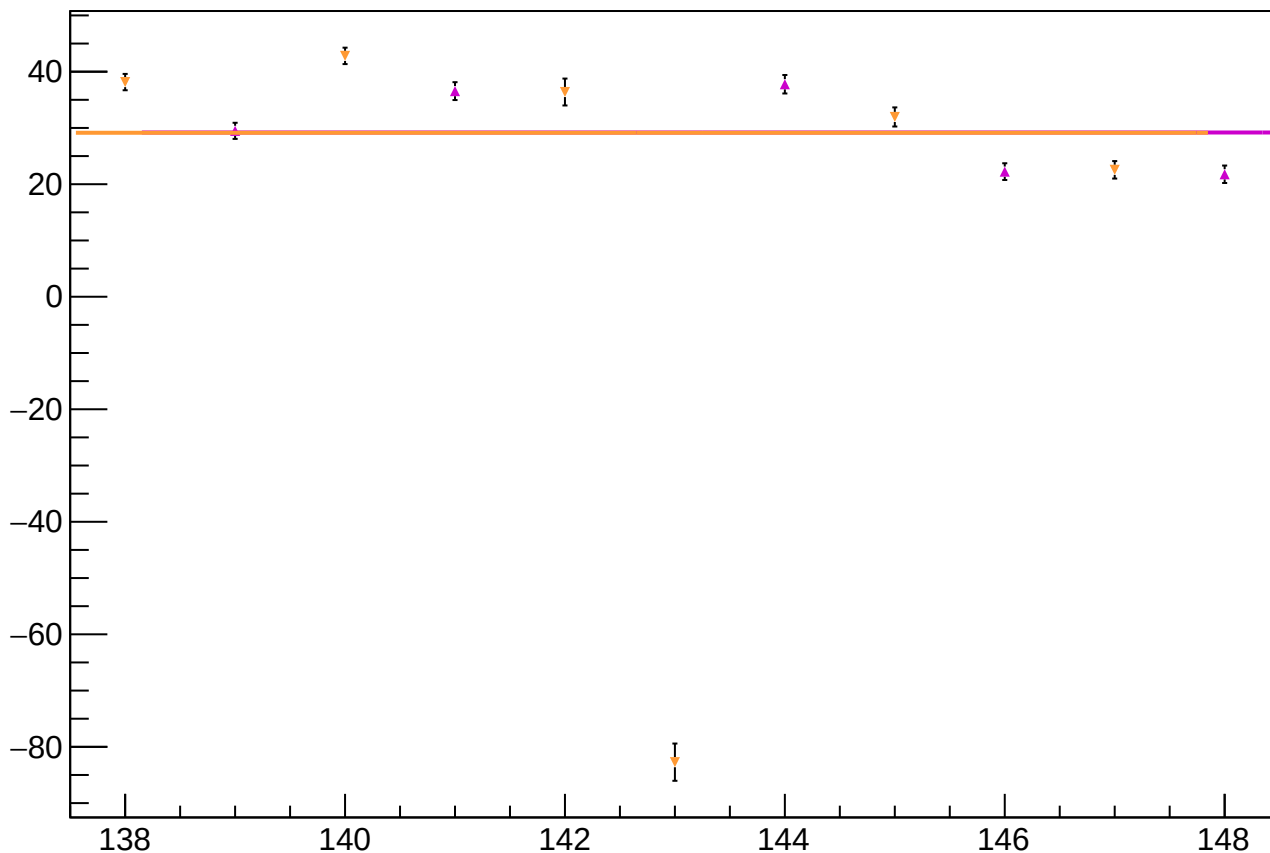
Left In: 133.950 $\pm$ 0.080 χ^2 /NDF:5198.5/4

+ sign 118.195 $\pm$ 0.054 χ^2 /NDF: 243829.6/22

All: 115.875 $\pm$ 0.038 χ^2 /NDF: 535218.8/46

- sign 113.734 $\pm$ 0.052 χ^2 /NDF: 287876.2/23

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

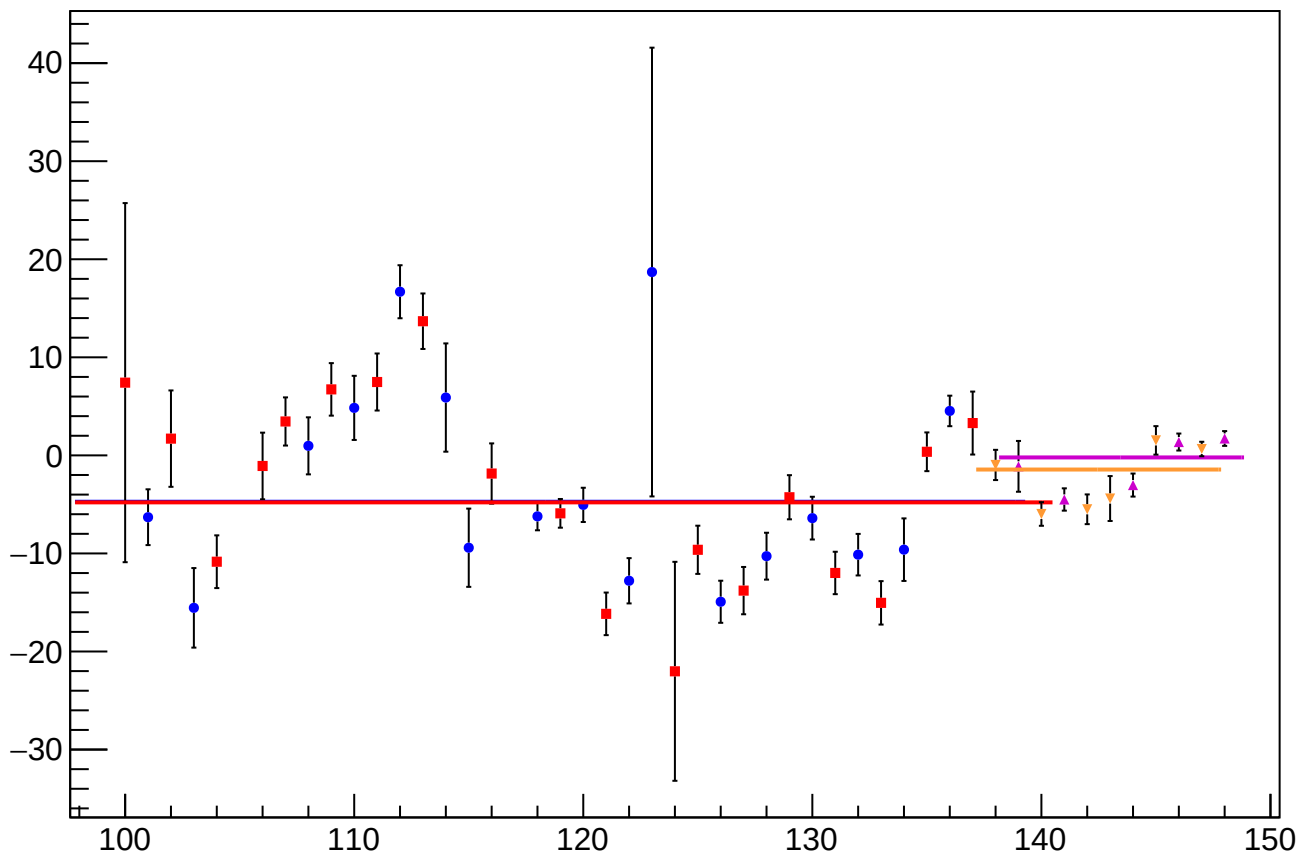
Left In: 29.192+/-0.686 χ^2/NDF :93.6/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.168+/-0.494 χ^2/NDF : 1391.6/10

- 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

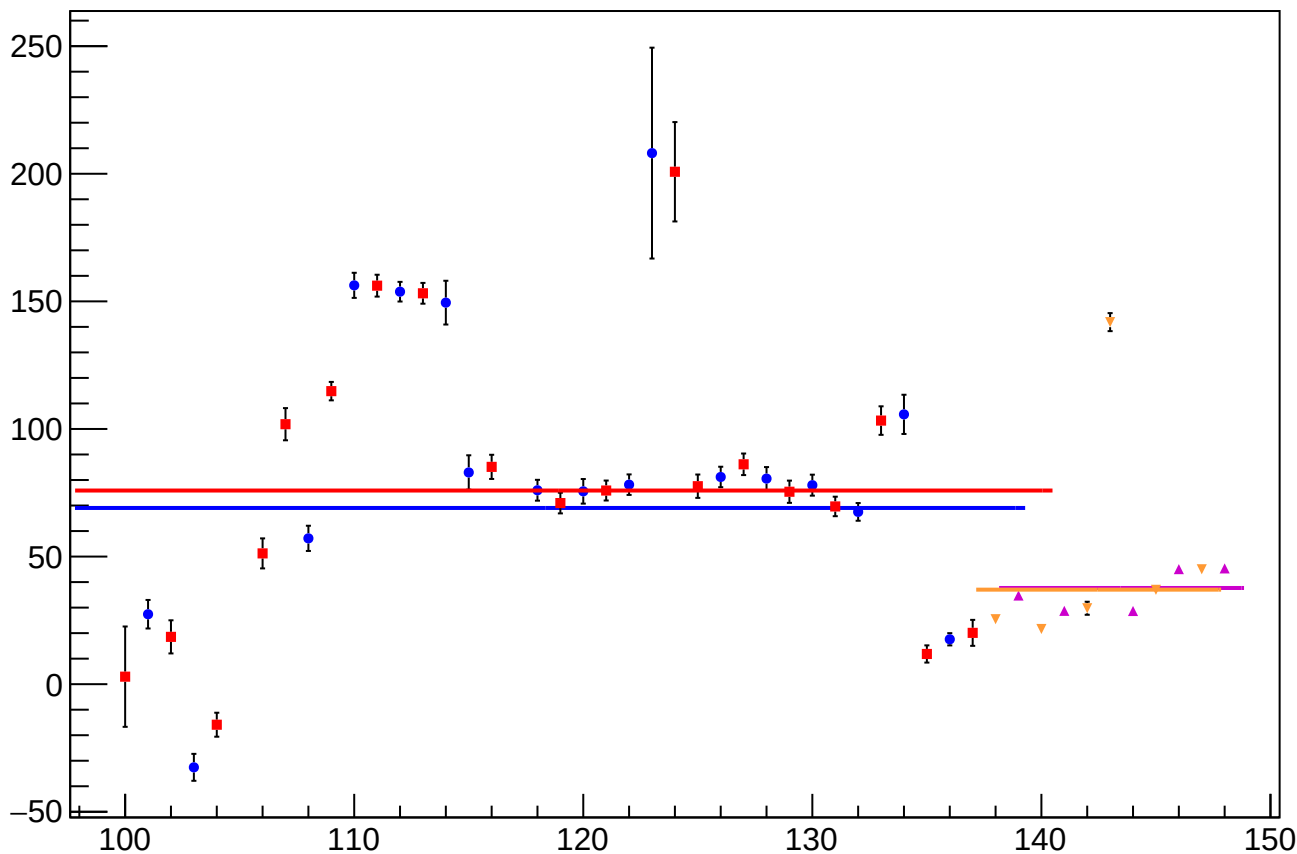
Left In: -0.210 ± 0.459 χ^2/NDF : 29.9/4

+ sign -2.836 ± 0.377 χ^2/NDF : 228.7/22

All: -2.377 ± 0.261 χ^2/NDF : 492.9/46

- sign -1.956 ± 0.361 χ^2/NDF : 261.3/23

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

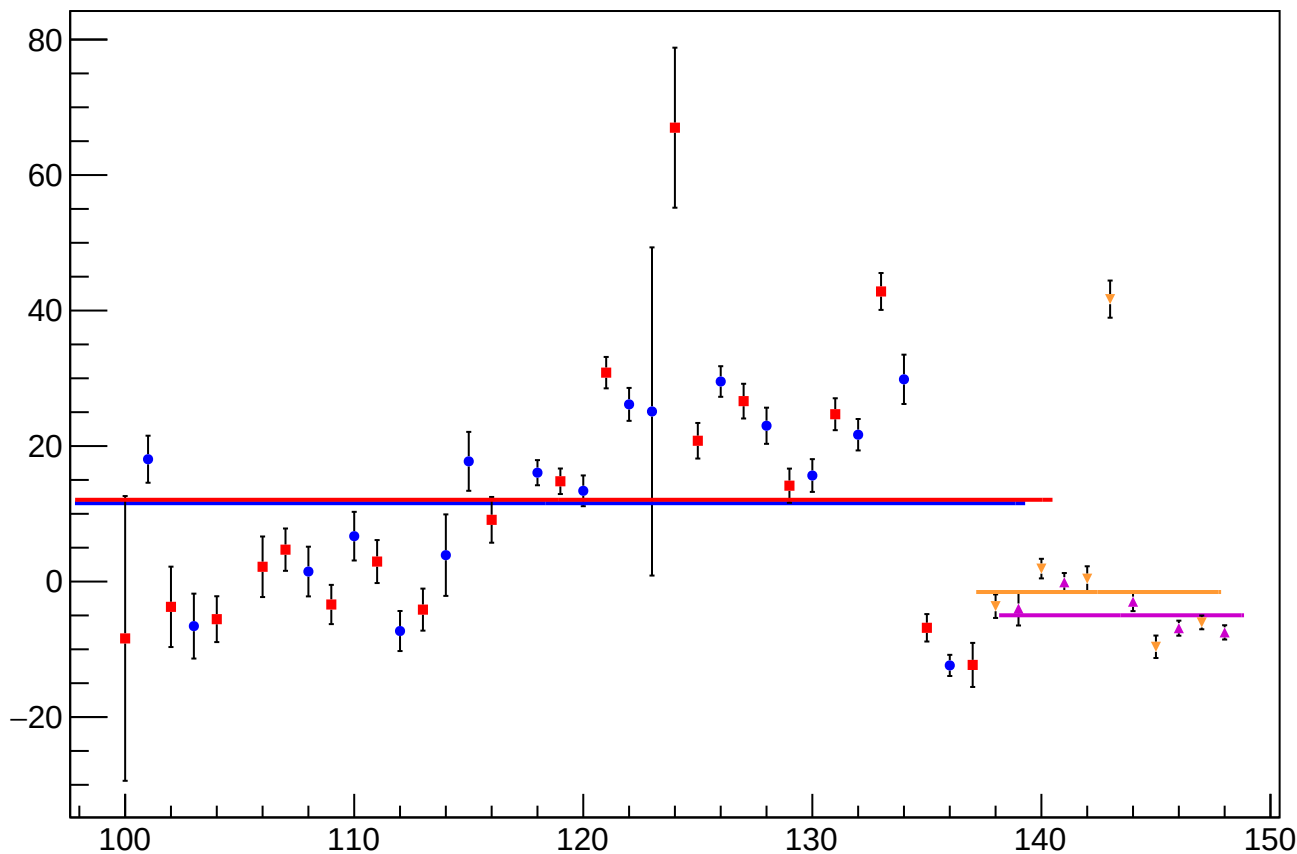
Left In: 37.692 $\pm$ 0.697 χ^2 /NDF:113.0/4

+ sign 47.241 $\pm$ 0.608 χ^2 /NDF: 3520.9/22

All: 48.192 $\pm$ 0.421 χ^2 /NDF: 6428.6/46

- sign 49.070 $\pm$ 0.584 χ^2 /NDF: 2903.0/23

reg_asym_atl_dd_atr_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

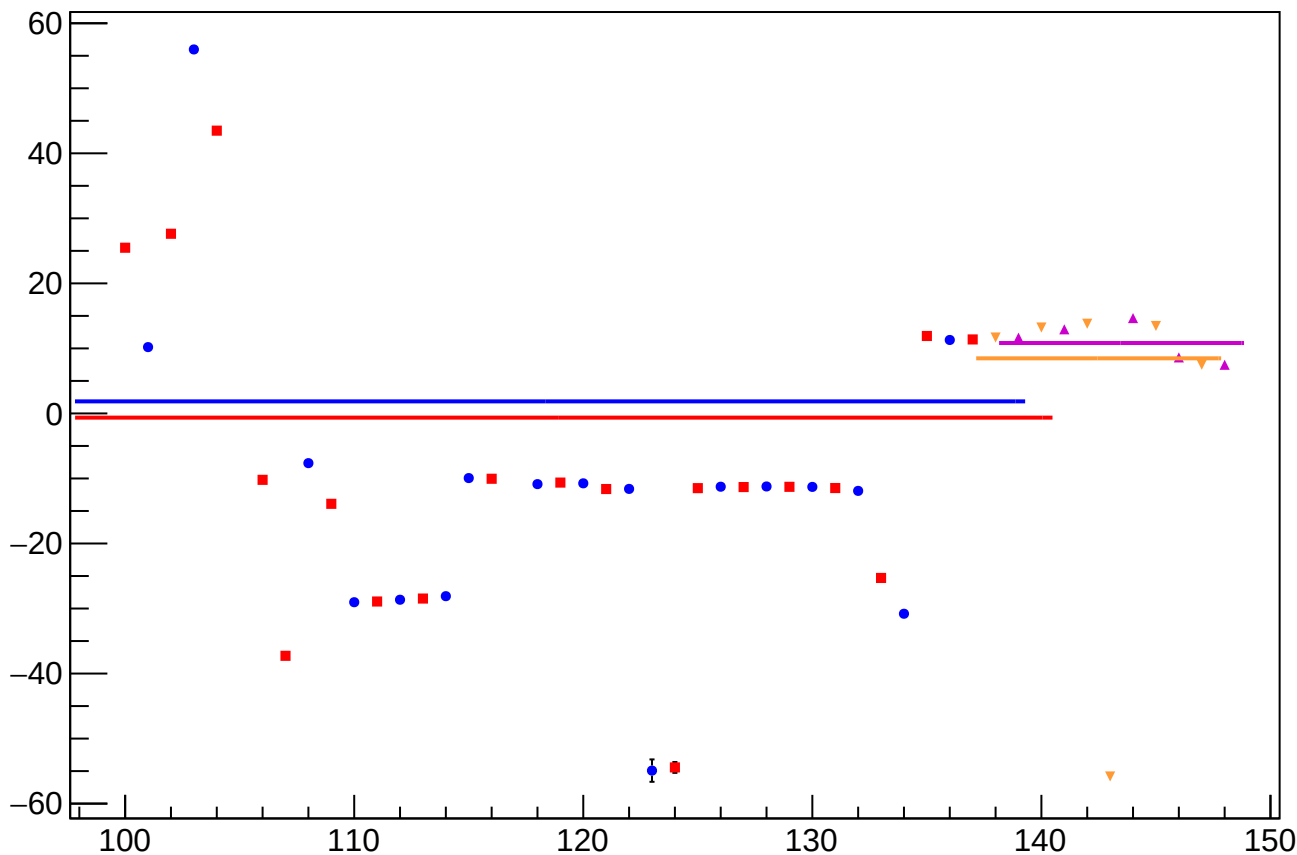
Left In: -4.977 $\pm$ 0.585 χ^2 /NDF:23.6/4

+ sign 4.653 $\pm$ 0.453 χ^2 /NDF: 987.3/22

All: 3.525 $\pm$ 0.315 χ^2 /NDF: 1937.3/46

- sign 2.463 $\pm$ 0.439 χ^2 /NDF: 937.9/23

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

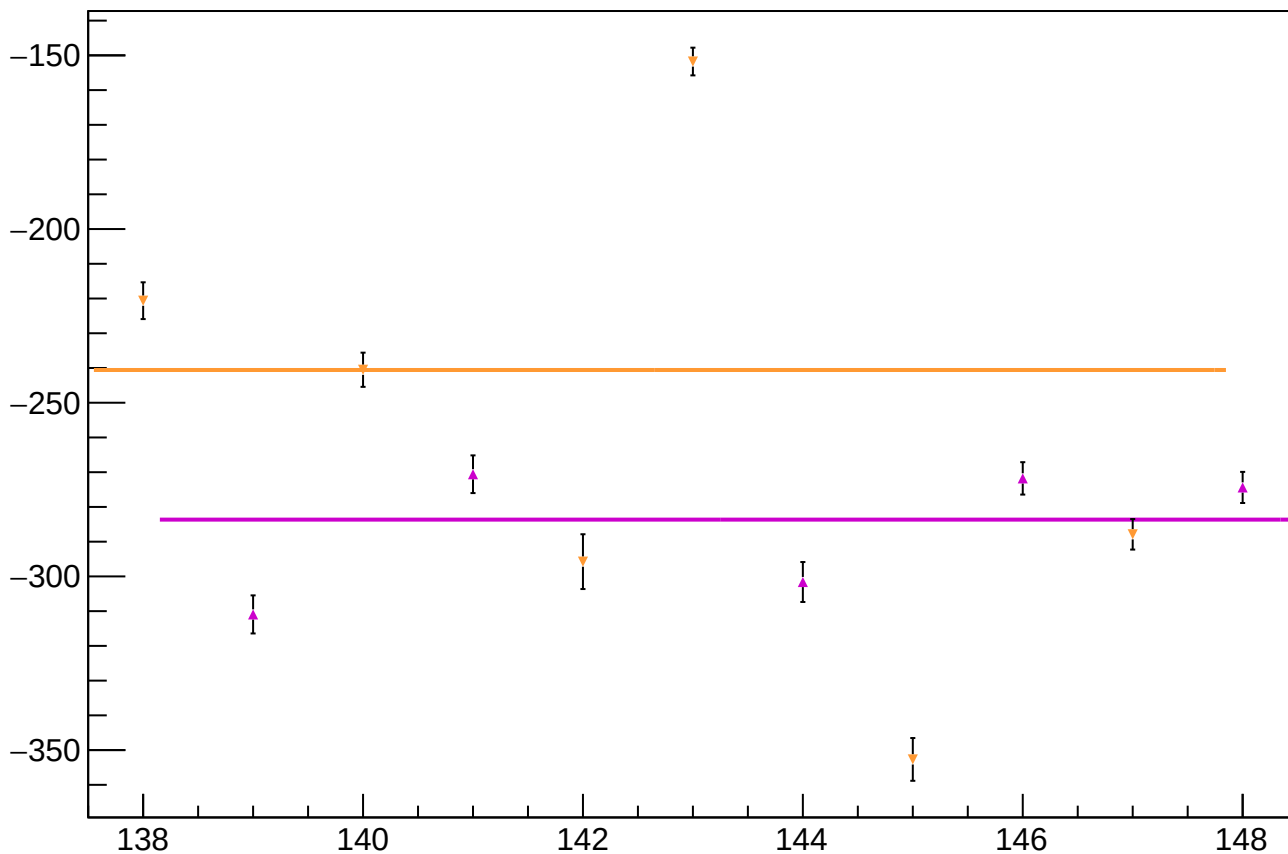
Left In: 10.831+/-0.029 χ^2/NDF : 7717.0/4

+ sign 5.760+/-0.024 χ^2/NDF : 600243.8/22

All: 6.157+/-0.016 χ^2/NDF : 1030019.4/46

- sign 6.522+/-0.023 χ^2/NDF : 429237.4/23

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

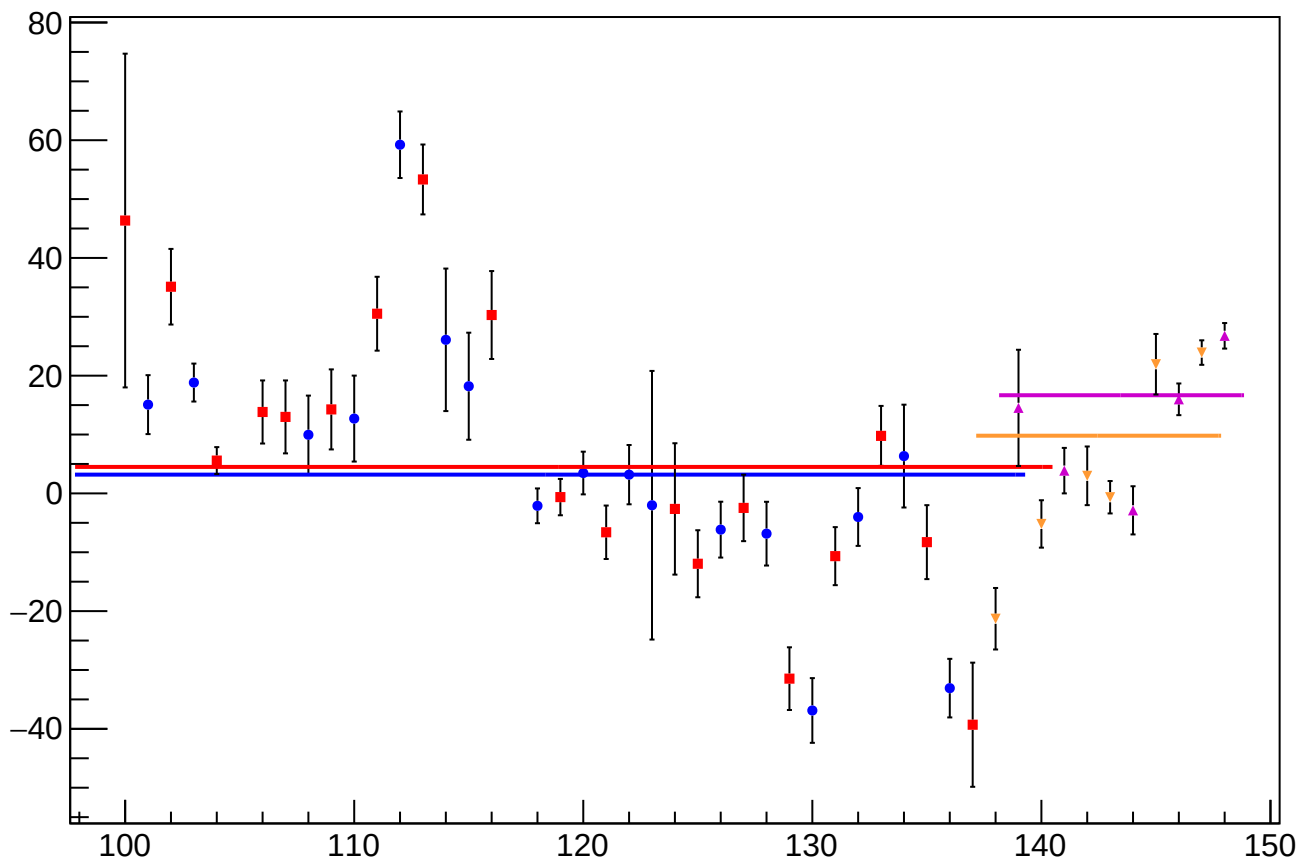
Left In: -283.651+/-2.274 χ^2/NDF :51.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.060+/-1.530 χ^2/NDF : 1253.7/10

- 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 $\pm$ 1.225 χ^2 /NDF: 255.6/16

Left Out: 9.801 $\pm$ 1.362 χ^2 /NDF:117.1/5

Right Out: 4.497 $\pm$ 1.160 χ^2 /NDF: 225.4/18

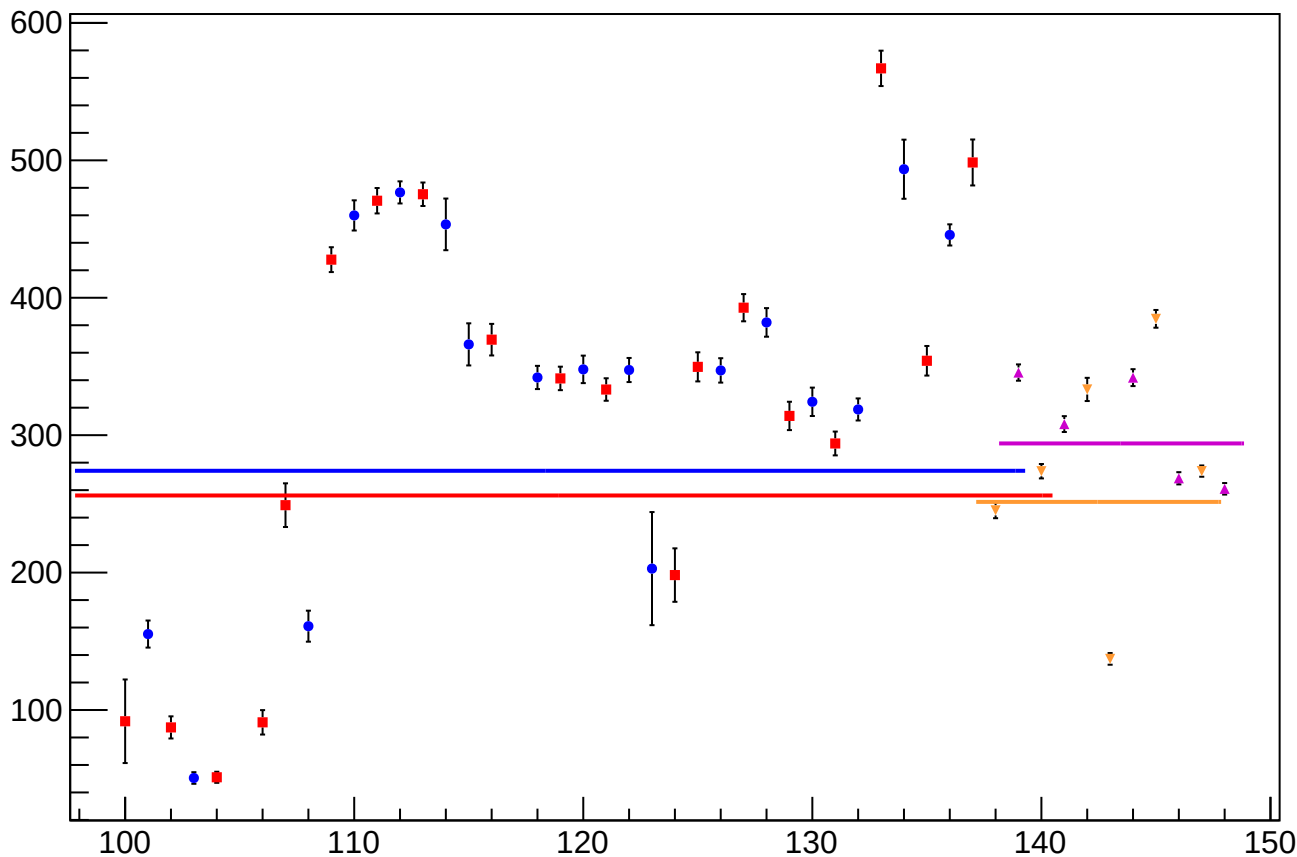
Left In: 16.676 $\pm$ 1.433 χ^2 /NDF:55.6/4

+ sign 6.146 $\pm$ 0.911 χ^2 /NDF: 385.8/22

All: 7.749 $\pm$ 0.641 χ^2 /NDF: 716.6/46

- sign 9.318 $\pm$ 0.901 χ^2 /NDF: 324.6/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 274.079 $\pm$ 2.191 χ^2 /NDF: 5112.0/16

Left Out: 251.445 $\pm$ 2.135 χ^2 /NDF:1288.6/5

Right Out: 256.109 $\pm$ 2.080 χ^2 /NDF: 6444.1/18

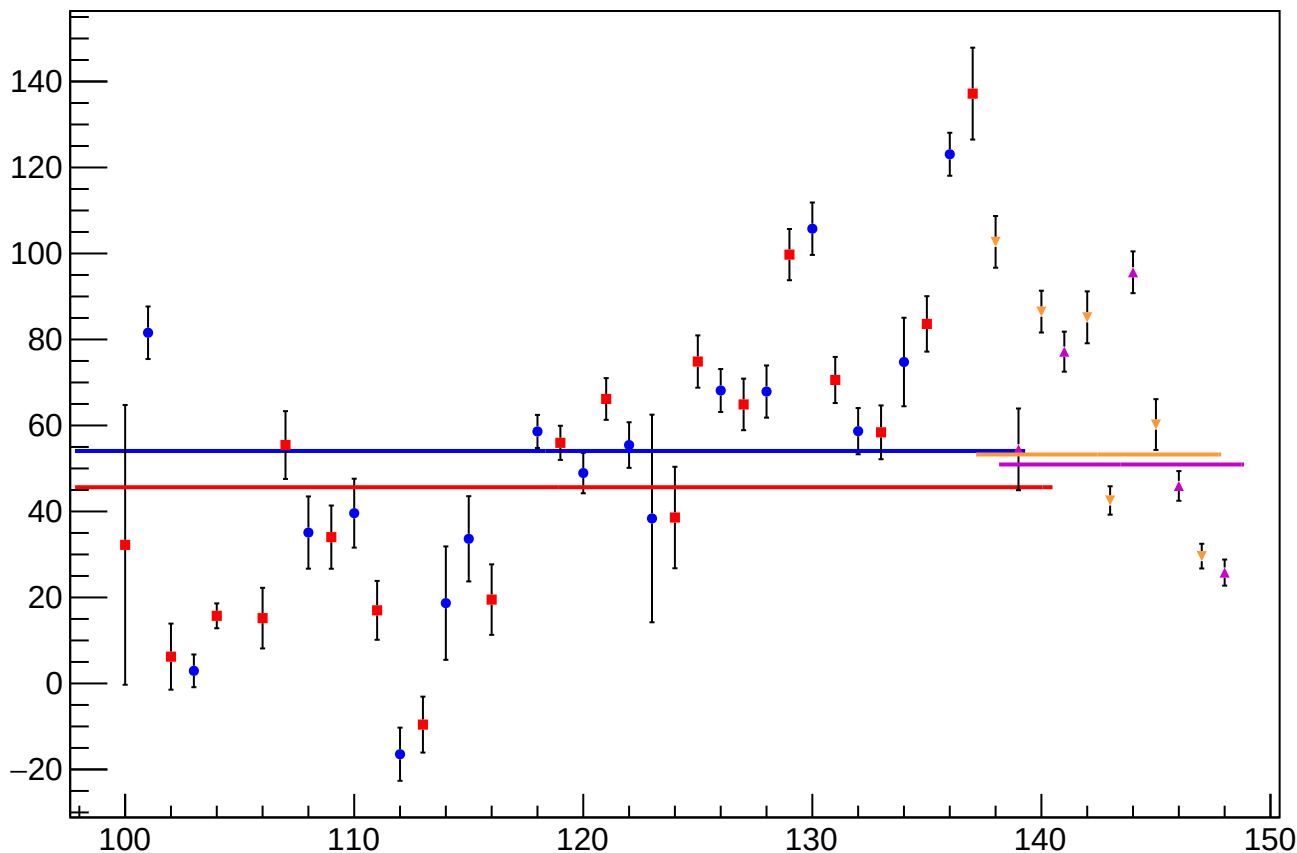
Left In: 293.981 $\pm$ 2.282 χ^2 /NDF:236.4/4

+ sign 262.470 $\pm$ 1.529 χ^2 /NDF: 6455.3/22

All: 267.855 $\pm$ 1.084 χ^2 /NDF: 13311.1/46

- sign 273.298 $\pm$ 1.537 χ^2 /NDF: 6830.9/23

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

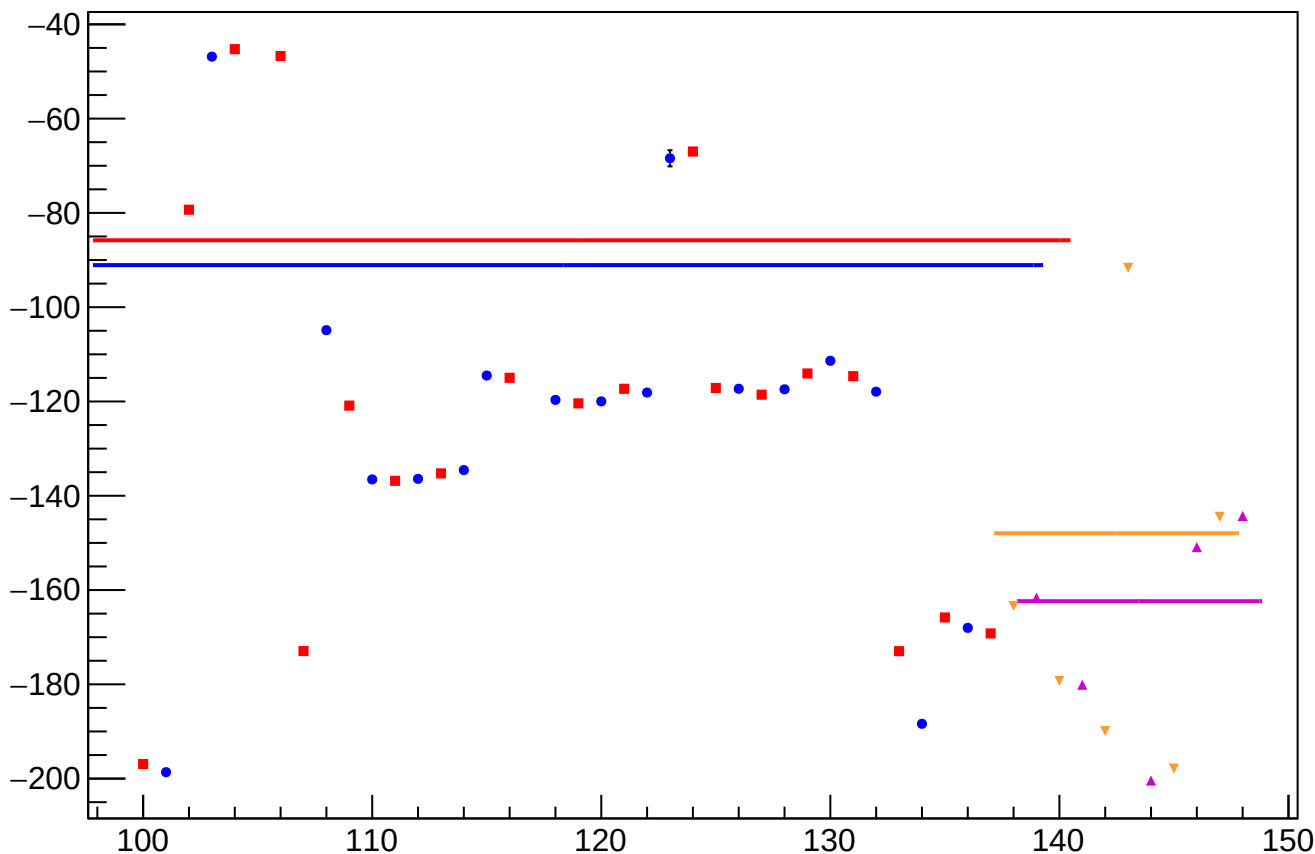
Left In: 50.922 $\pm$ 1.851 χ^2 /NDF:187.2/4

+ sign 53.733 $\pm$ 1.095 χ^2 /NDF: 856.4/22

All: 50.613 $\pm$ 0.774 χ^2 /NDF: 1596.0/46

- sign 47.489 $\pm$ 1.095 χ^2 /NDF: 723.3/23

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -91.074 $\pm$ 0.068 χ^2 /NDF: 534647.5/16

Left Out: -147.947 $\pm$ 0.090 χ^2 /NDF:185756.4/5

Right Out: -85.803 $\pm$ 0.065 χ^2 /NDF: 495895.1/18

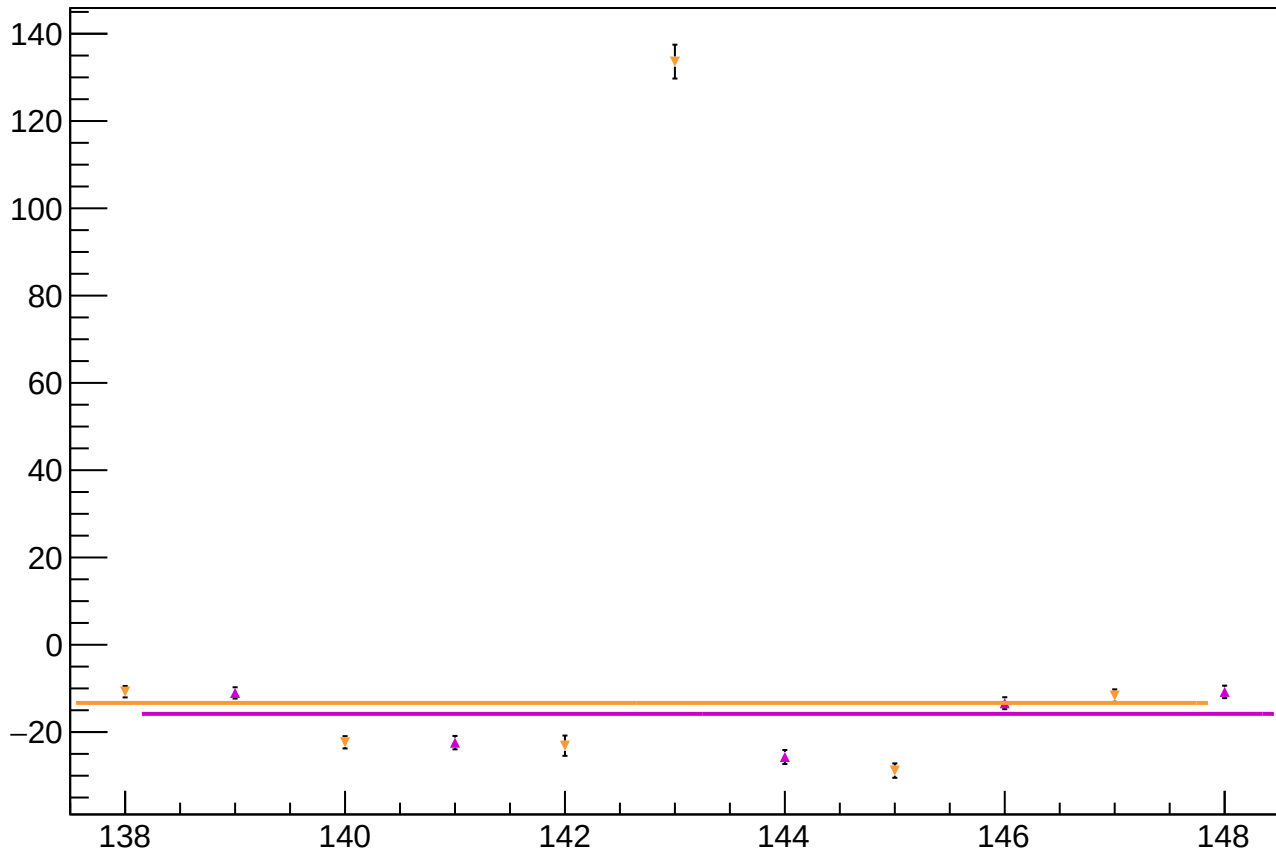
Left In: -162.363 $\pm$ 0.096 χ^2 /NDF:38910.4/4

+ sign -111.546 $\pm$ 0.054 χ^2 /NDF: 975730.0/22

All: -110.796 $\pm$ 0.038 χ^2 /NDF: 1949795.5/46

- sign -110.053 $\pm$ 0.054 χ^2 /NDF: 973681.7/23

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

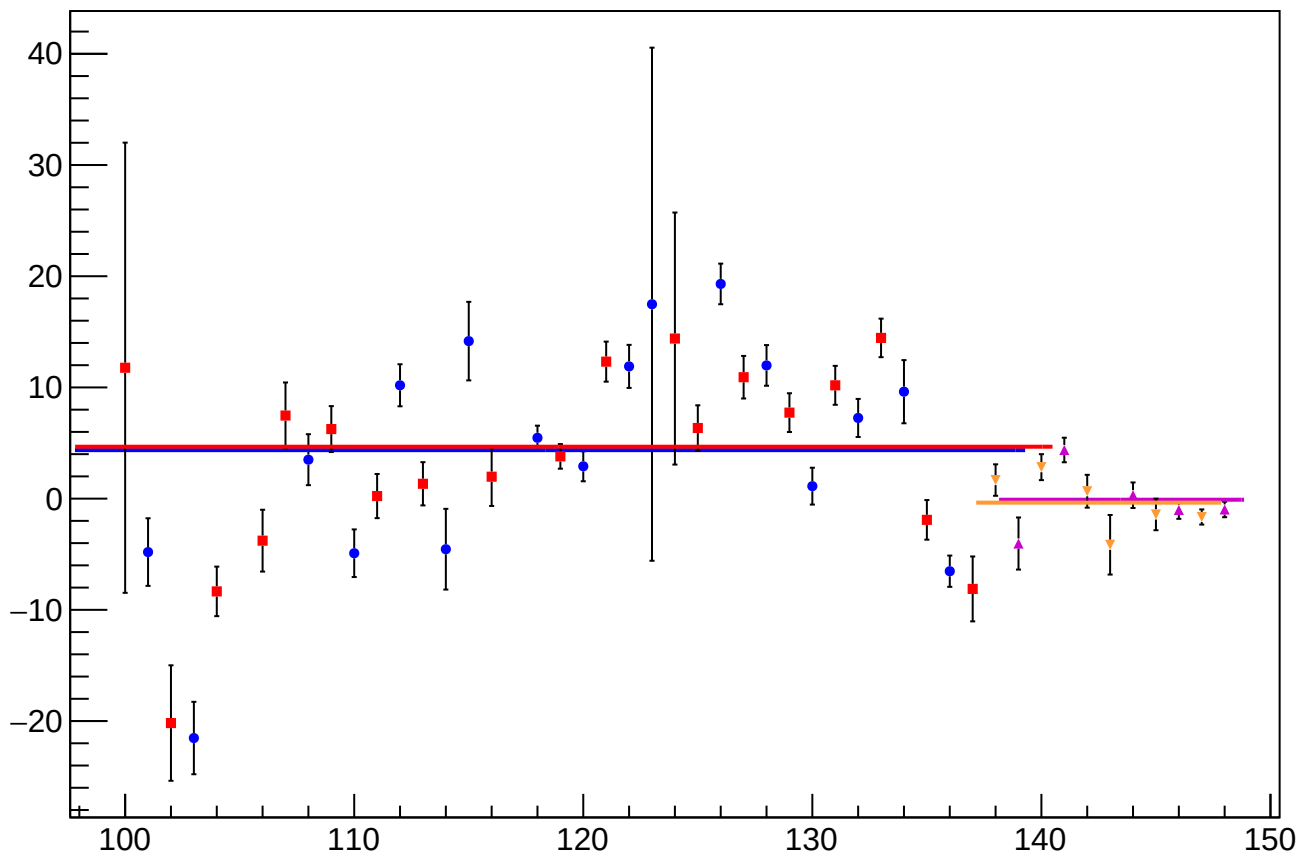
Left In: -15.828+/-0.642 χ^2/NDF :85.4/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.638+/-0.466 χ^2/NDF : 1678.4/10

- 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

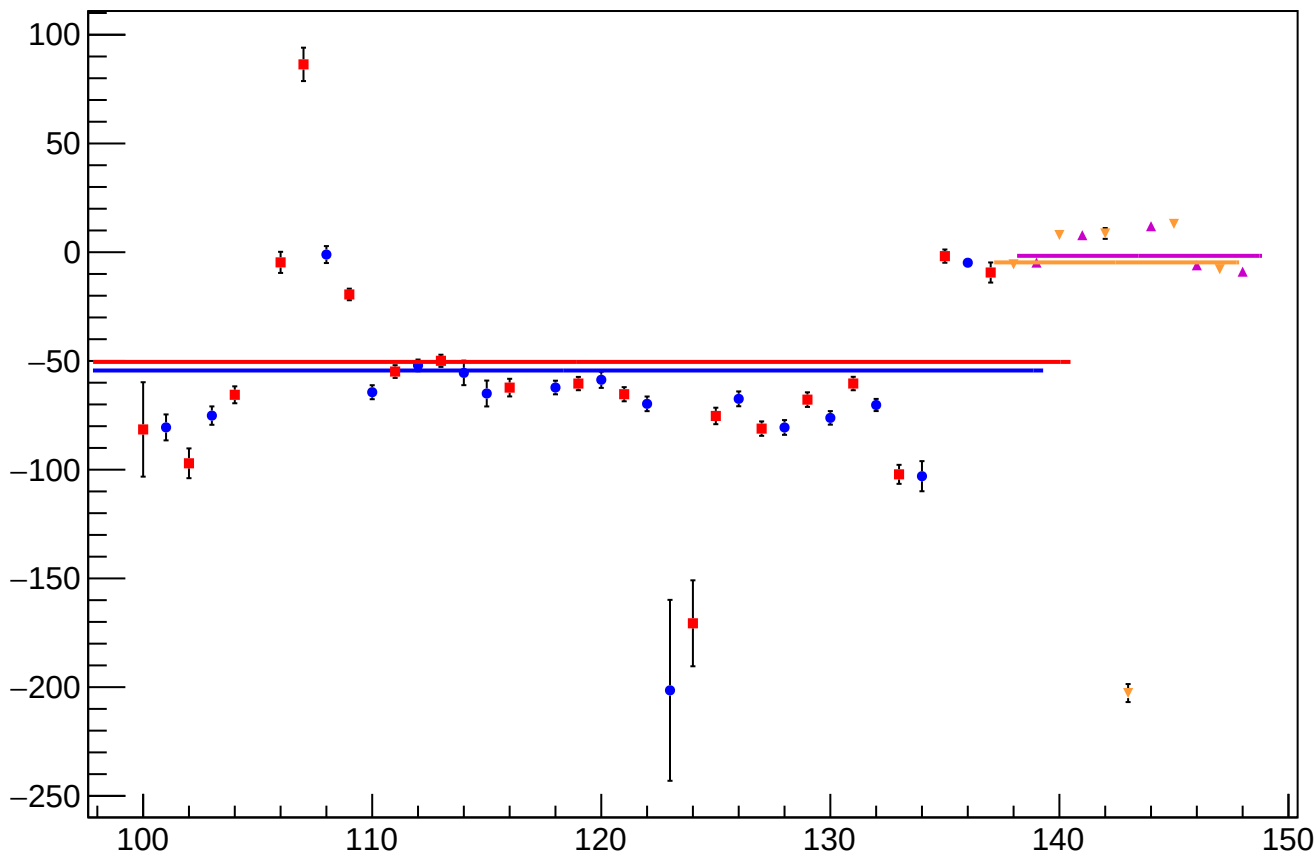
Left In: -0.097 ± 0.431 χ^2/NDF : 22.3/4

+ sign 2.041 ± 0.331 χ^2/NDF : 353.5/22

All: 2.050 ± 0.230 χ^2/NDF : 616.4/46

- sign 2.059 ± 0.319 χ^2/NDF : 263.0/23

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.392 ± 0.863 χ^2/NDF : 1013.4/16

Left Out: -4.680 ± 0.698 χ^2/NDF : 2496.7/5

Right Out: -50.441 ± 0.857 χ^2/NDF : 1324.7/18

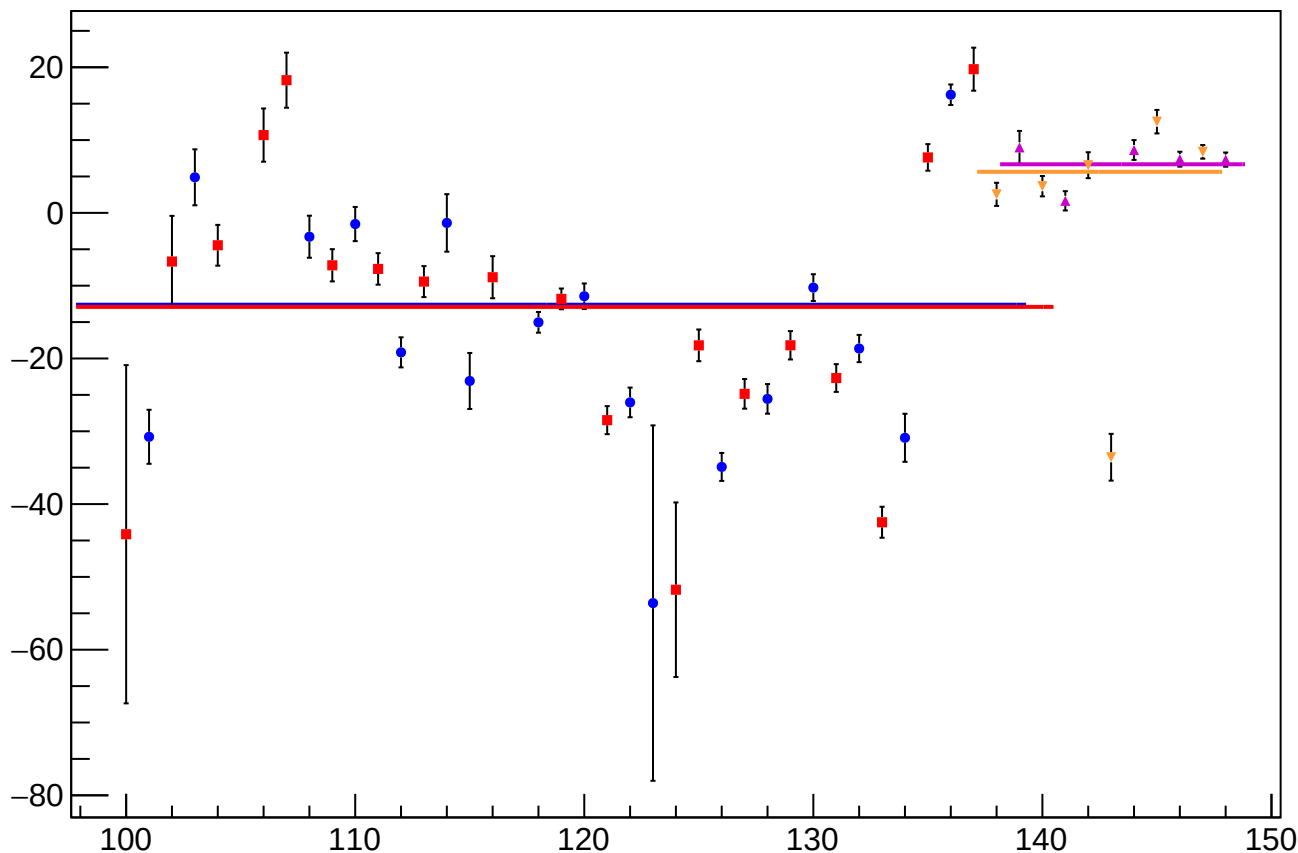
Left In: -1.660 ± 0.651 χ^2/NDF : 141.8/4

+ sign -24.358 ± 0.543 χ^2/NDF : 5517.1/22

All: -21.825 ± 0.375 χ^2/NDF : 9077.7/46

- sign -19.512 ± 0.519 χ^2/NDF : 3519.0/23

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

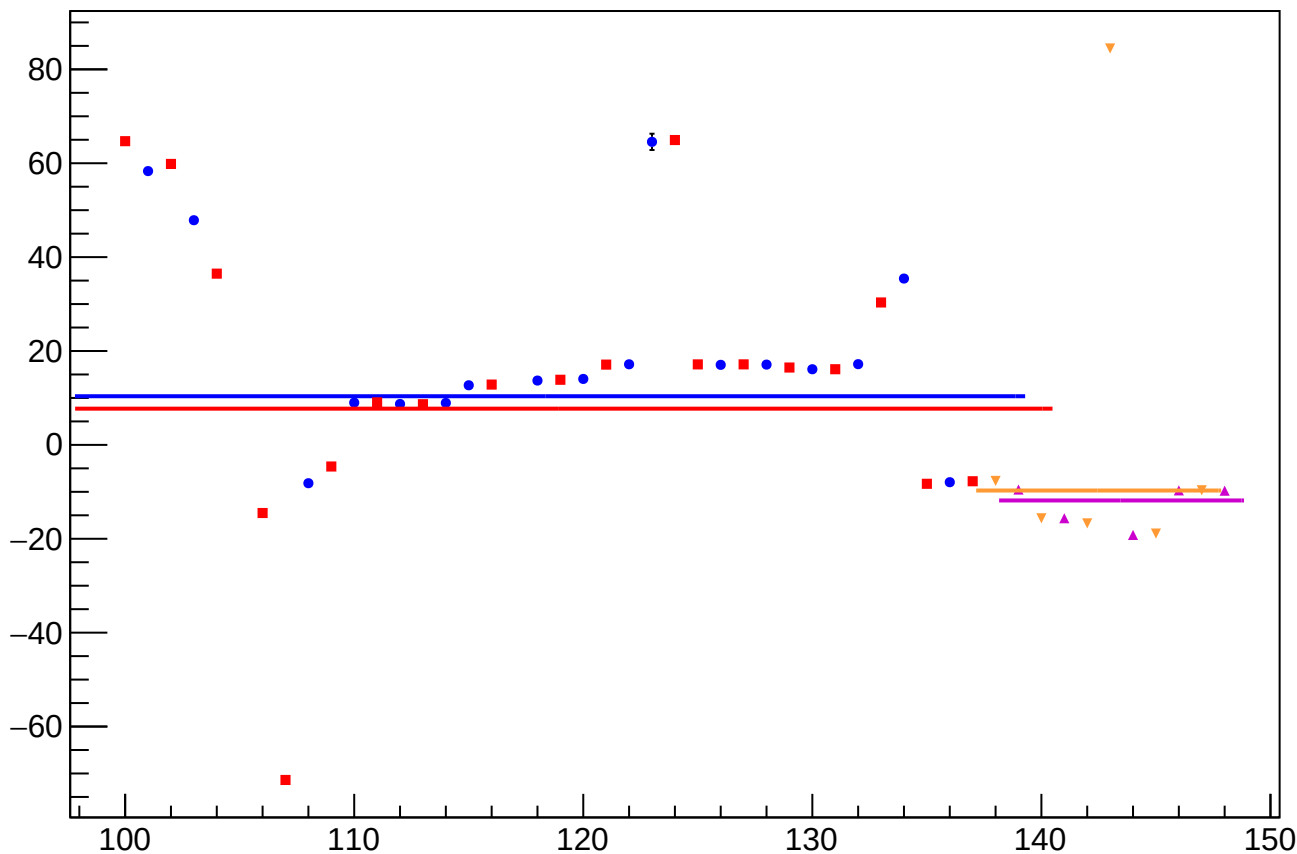
Left In: 6.674 ± 0.549 χ^2/NDF : 18.4/4

+ sign -4.517 ± 0.395 χ^2/NDF : 1496.0/22

All: -3.901 ± 0.276 χ^2/NDF : 2898.1/46

- sign -3.318 ± 0.384 χ^2/NDF : 1397.4/23

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

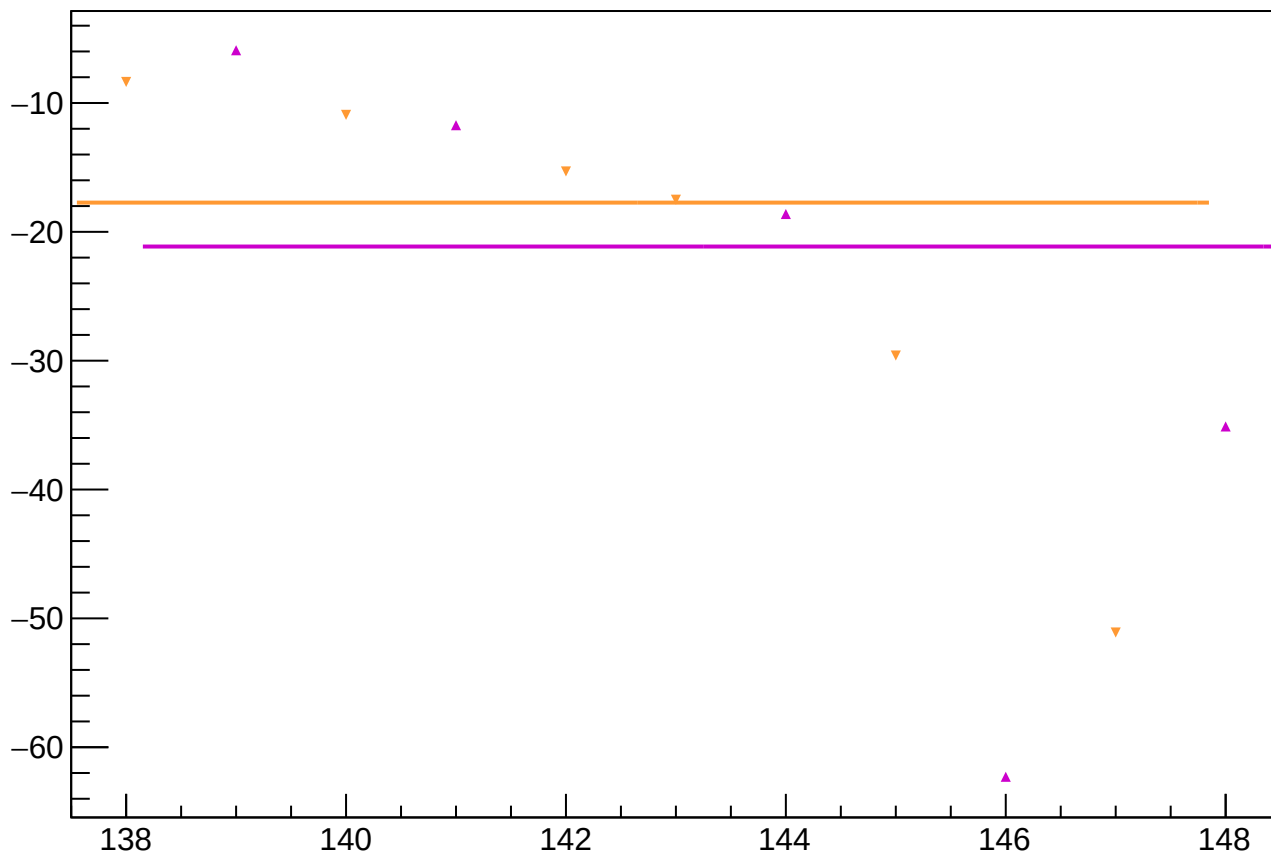
Left In: -11.839+/-0.027 χ^2 /NDF:17628.8/4

+ sign -0.115+/-0.021 χ^2 /NDF: 961074.6/22

All: -1.900+/-0.015 χ^2 /NDF: 1763331.6/46

- sign -3.557+/-0.020 χ^2 /NDF: 788475.1/23

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

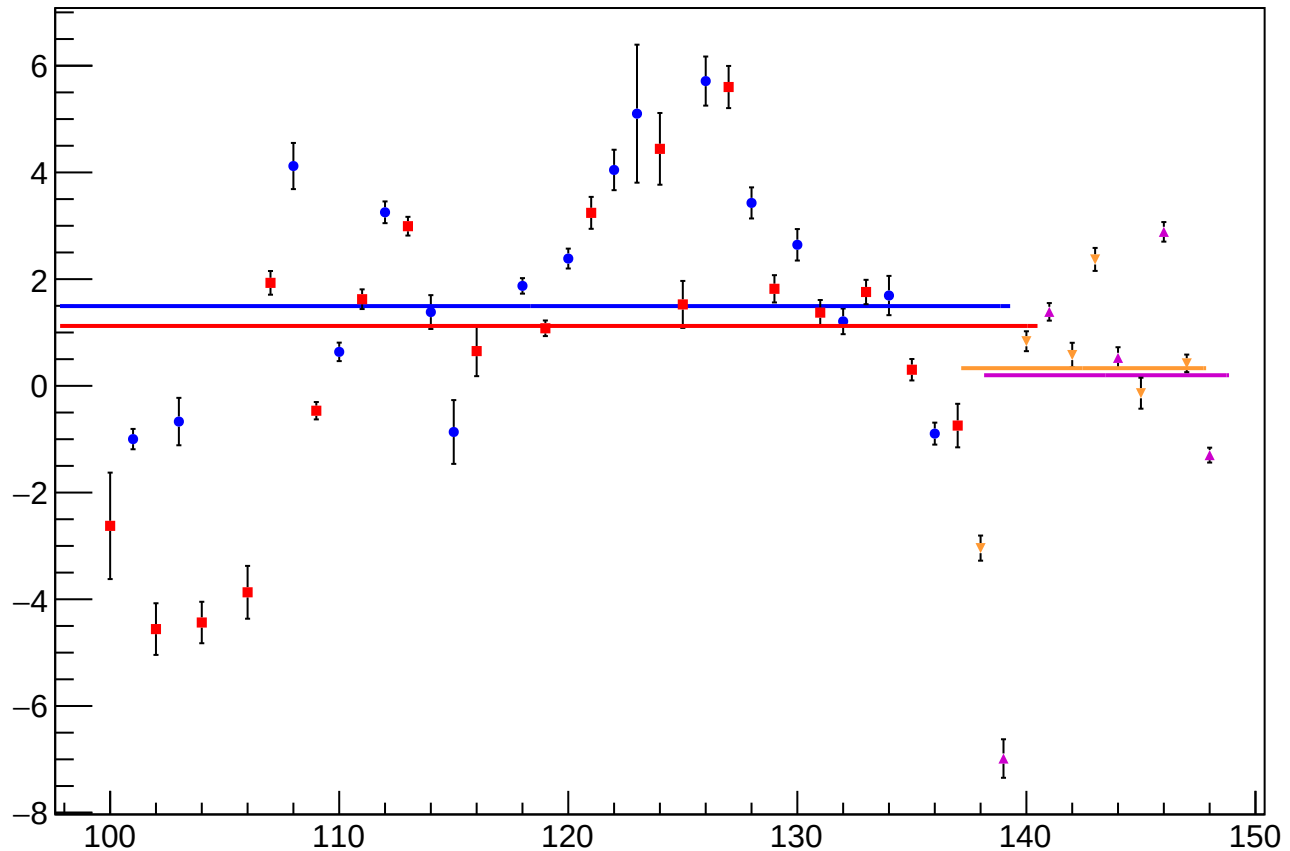
Left In: -21.140+/-0.112 χ^2/NDF : 27270.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.450+/-0.080 χ^2/NDF : 41330.3/10

- 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

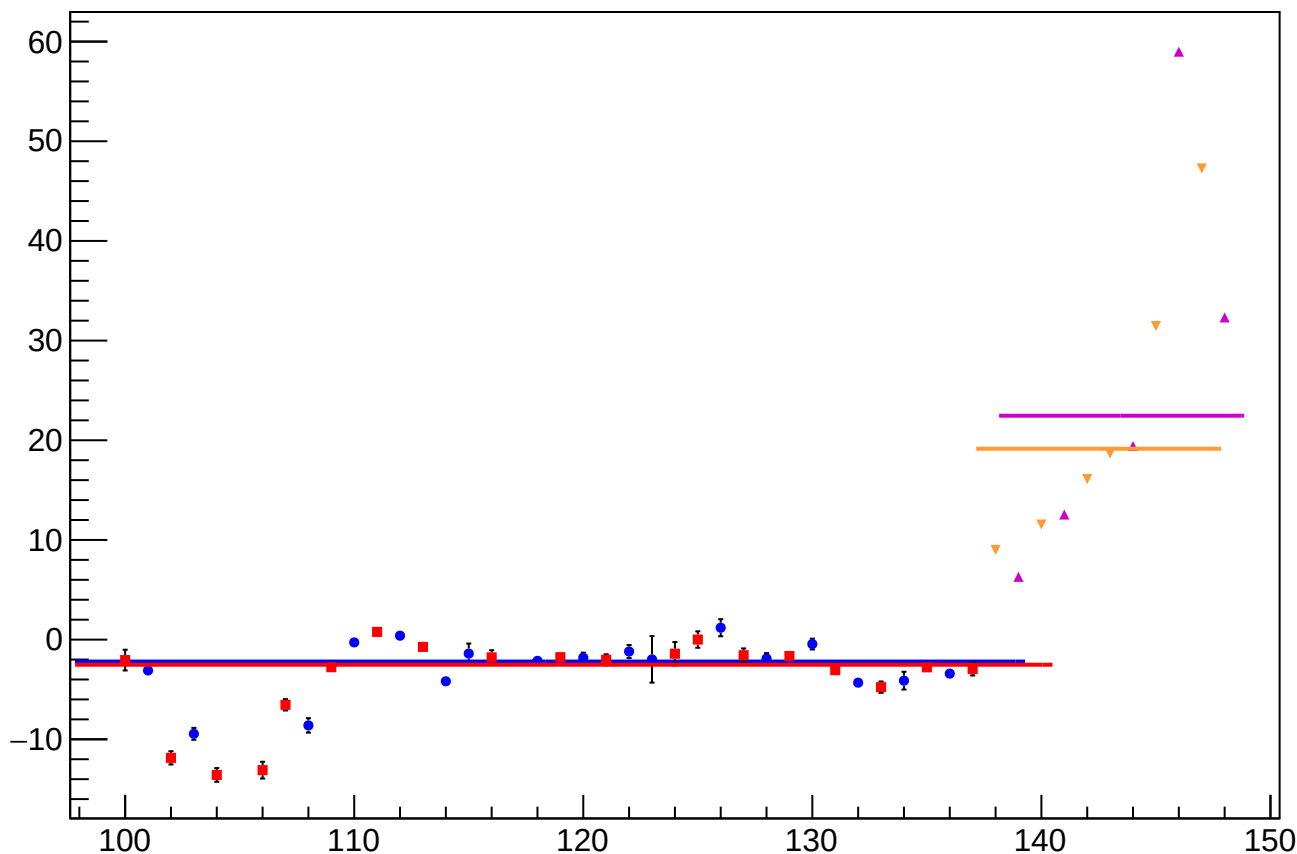
Left In: 0.199 $\pm$ 0.081 χ^2/NDF : 779.9/4

+ sign 1.103 $\pm$ 0.050 χ^2/NDF : 1137.2/22

All: 0.950 $\pm$ 0.034 χ^2/NDF : 2966.8/46

- sign 0.811 $\pm$ 0.047 χ^2/NDF : 1811.5/23

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

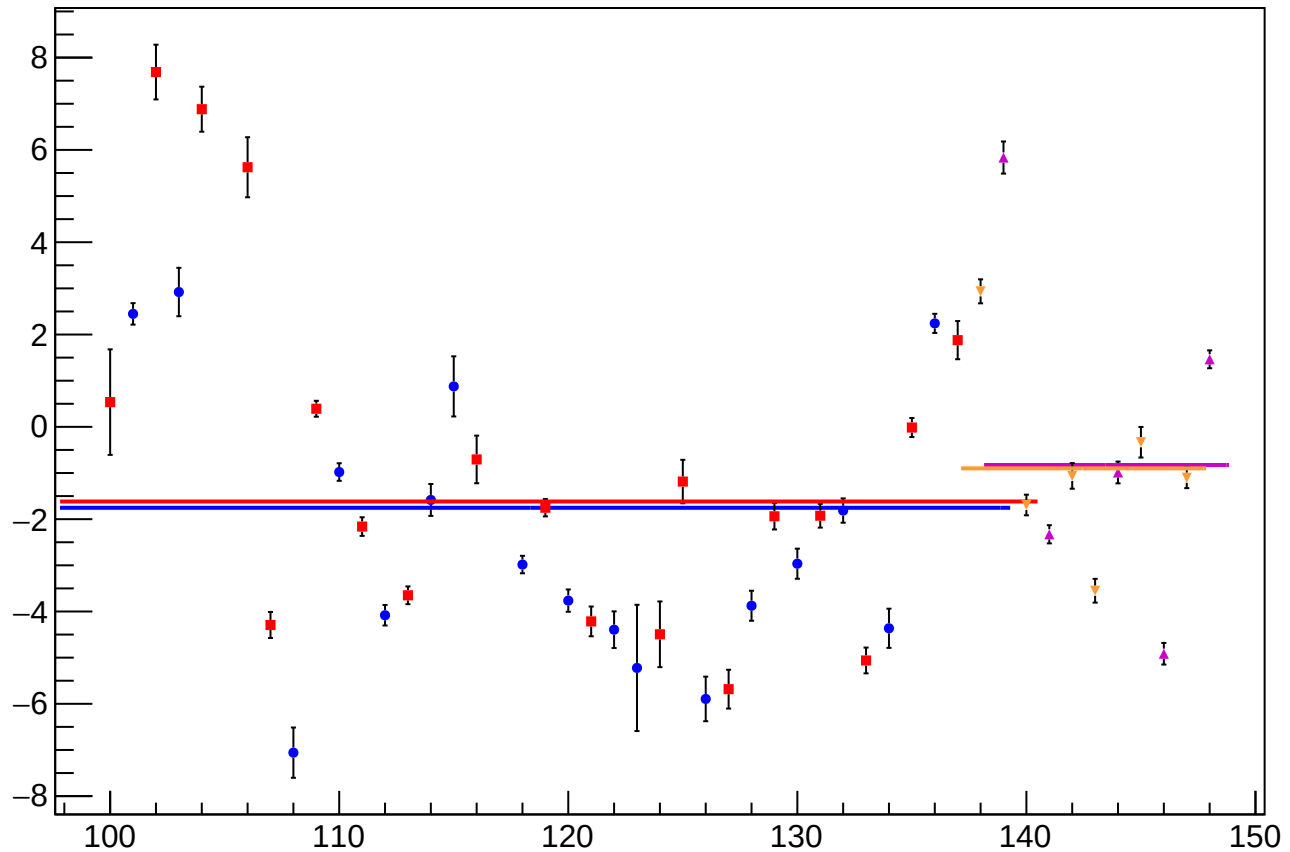
Left In: 22.465 ± 0.115 χ^2/NDF : 23603.4/4

+ sign 7.688 ± 0.081 χ^2/NDF : 29644.2/22

All: 7.889 ± 0.055 χ^2/NDF : 81165.0/46

- sign 8.062 ± 0.075 χ^2/NDF : 51509.4/23

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

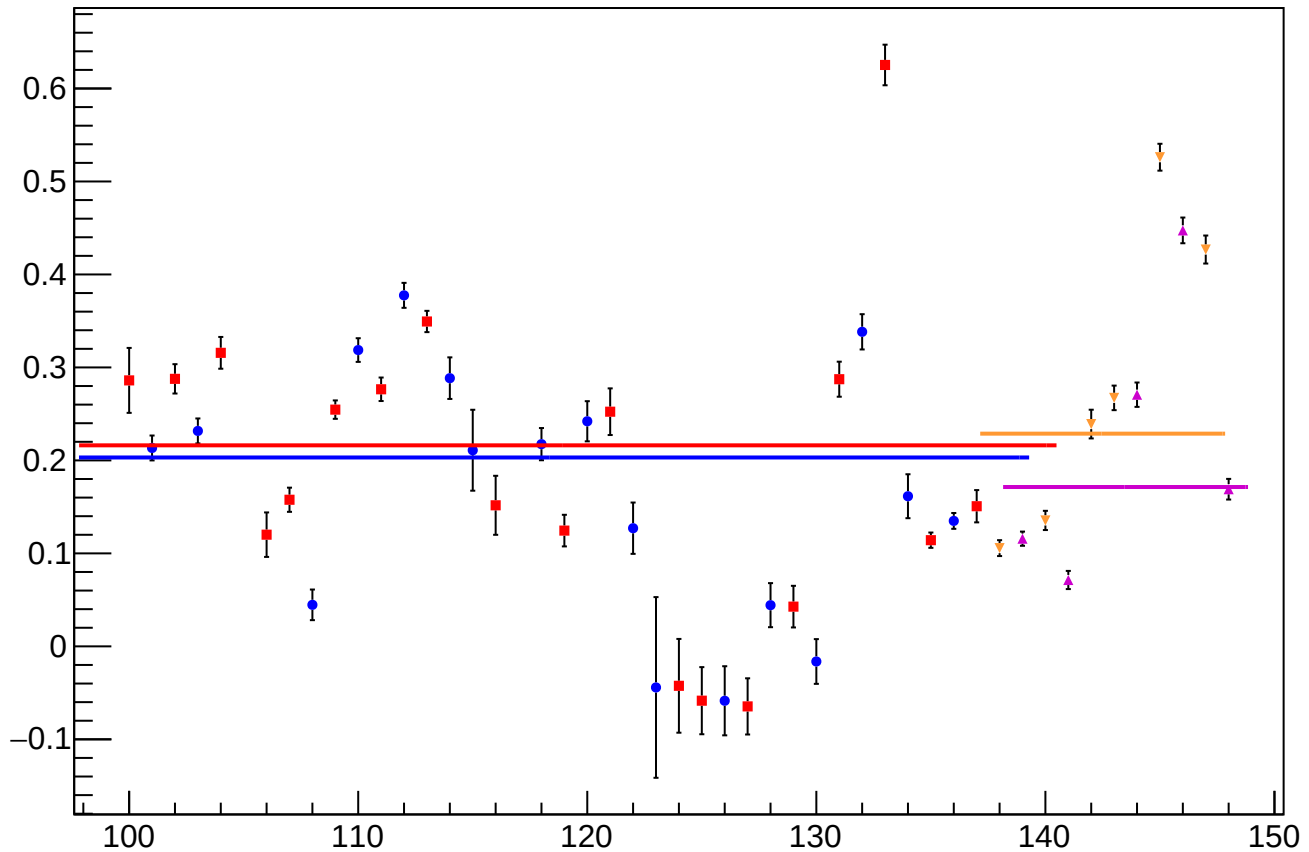
Left In: -0.826 ± 0.102 χ^2/NDF : 869.2/4

+ sign -1.487 ± 0.058 χ^2/NDF : 1731.7/22

All: -1.433 ± 0.040 χ^2/NDF : 4132.9/46

- sign -1.384 ± 0.055 χ^2/NDF : 2399.5/23

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 $\pm$ 0.004 χ^2/NDF : 677.2/16

Left Out: 0.229 $\pm$ 0.005 χ^2/NDF : 894.3/5

Right Out: 0.216 $\pm$ 0.004 χ^2/NDF : 1067.3/18

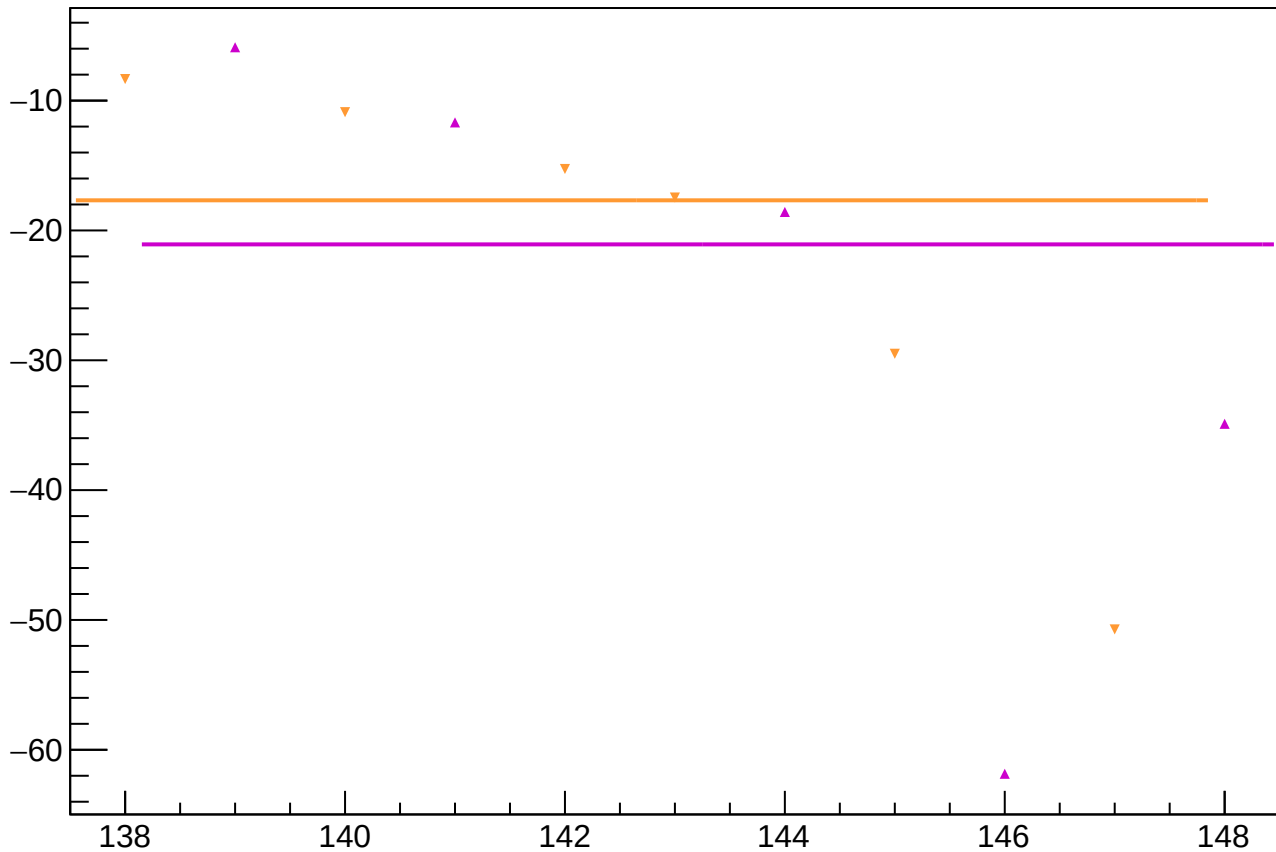
Left In: 0.171 $\pm$ 0.005 χ^2/NDF : 613.7/4

+ sign 0.214 $\pm$ 0.003 χ^2/NDF : 1587.5/22

All: 0.206 $\pm$ 0.002 χ^2/NDF : 3338.6/46

- sign 0.199 $\pm$ 0.003 χ^2/NDF : 1738.5/23

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

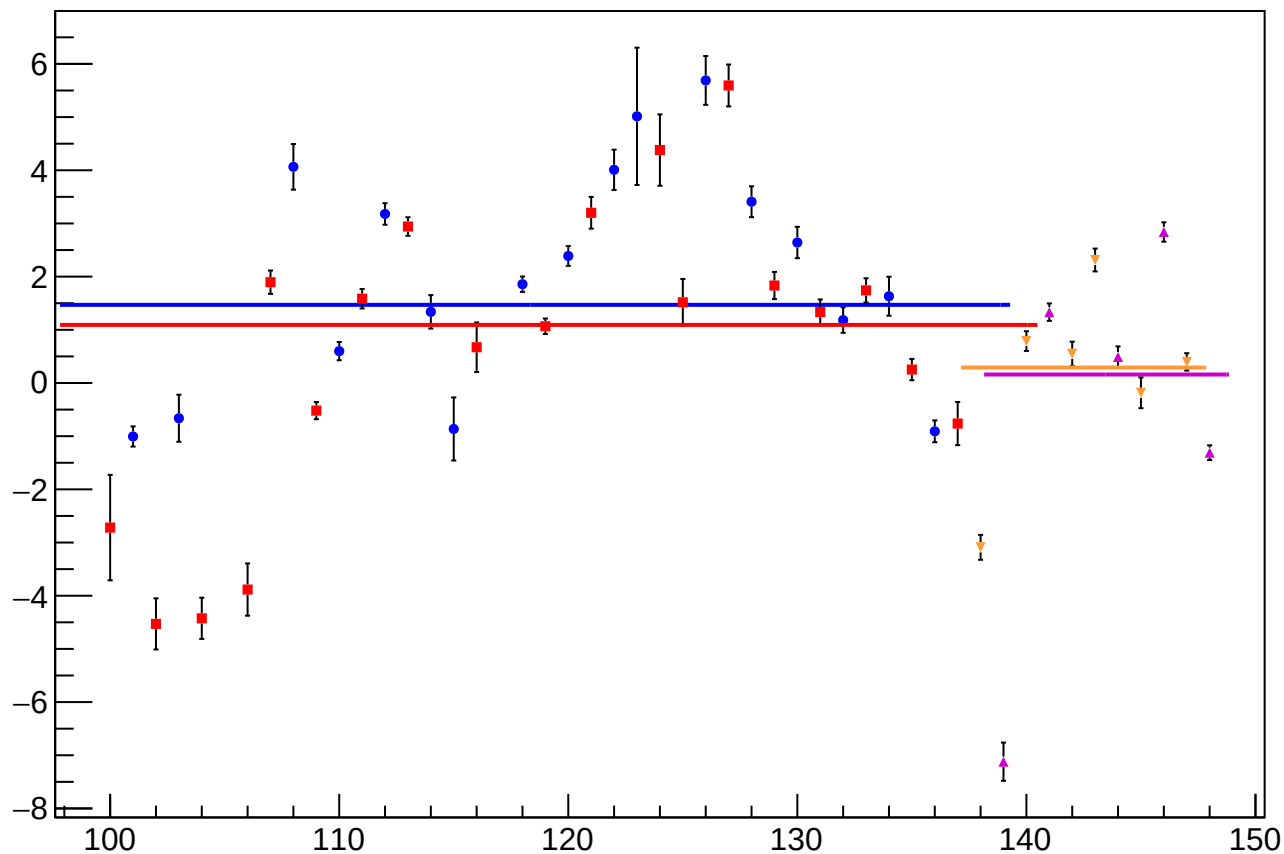
Left In: -21.073+/-0.111 χ^2/NDF : 27209.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.392+/-0.079 χ^2/NDF : 41245.5/10

- 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

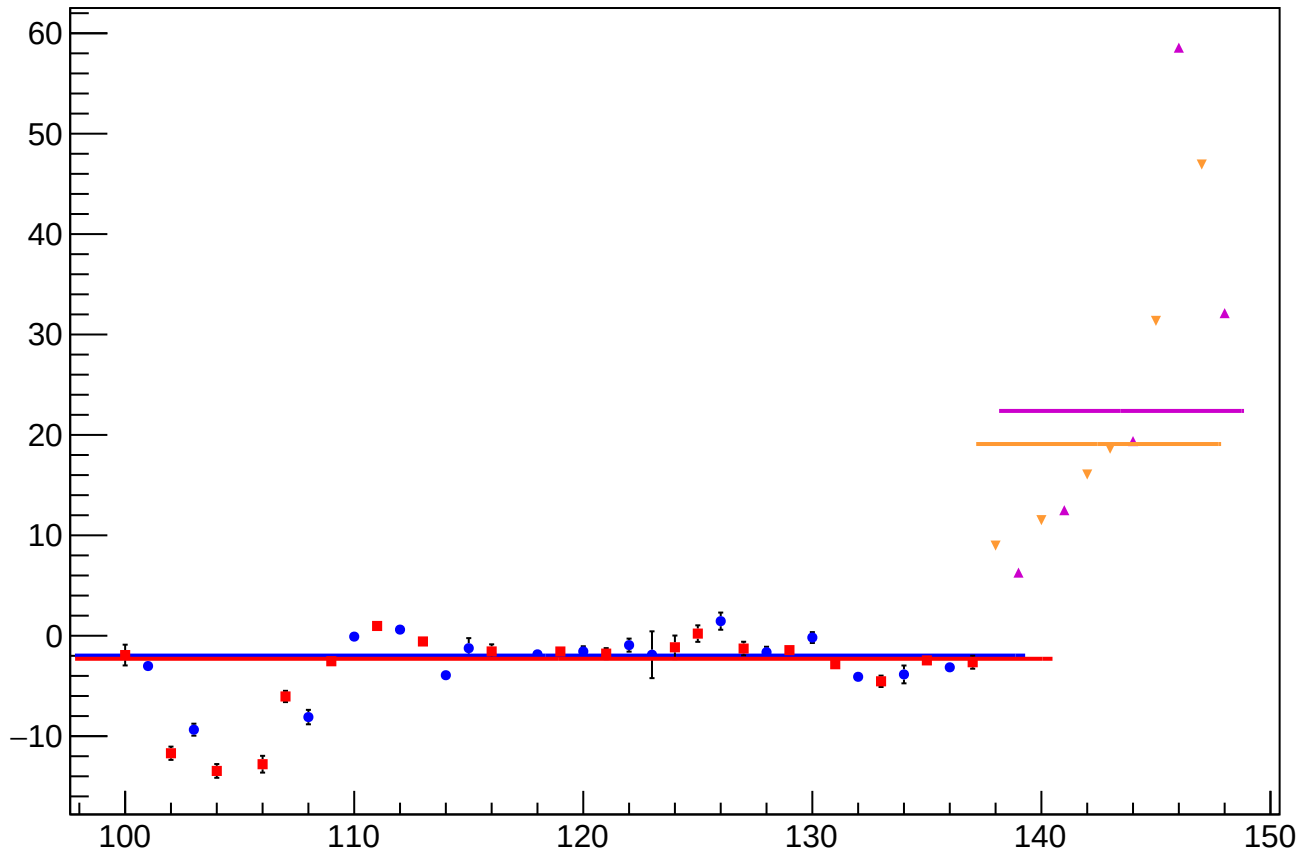
Left In: 0.160 $\pm$ 0.081 χ^2/NDF : 792.9/4

+ sign 1.072 $\pm$ 0.049 χ^2/NDF : 1143.0/22

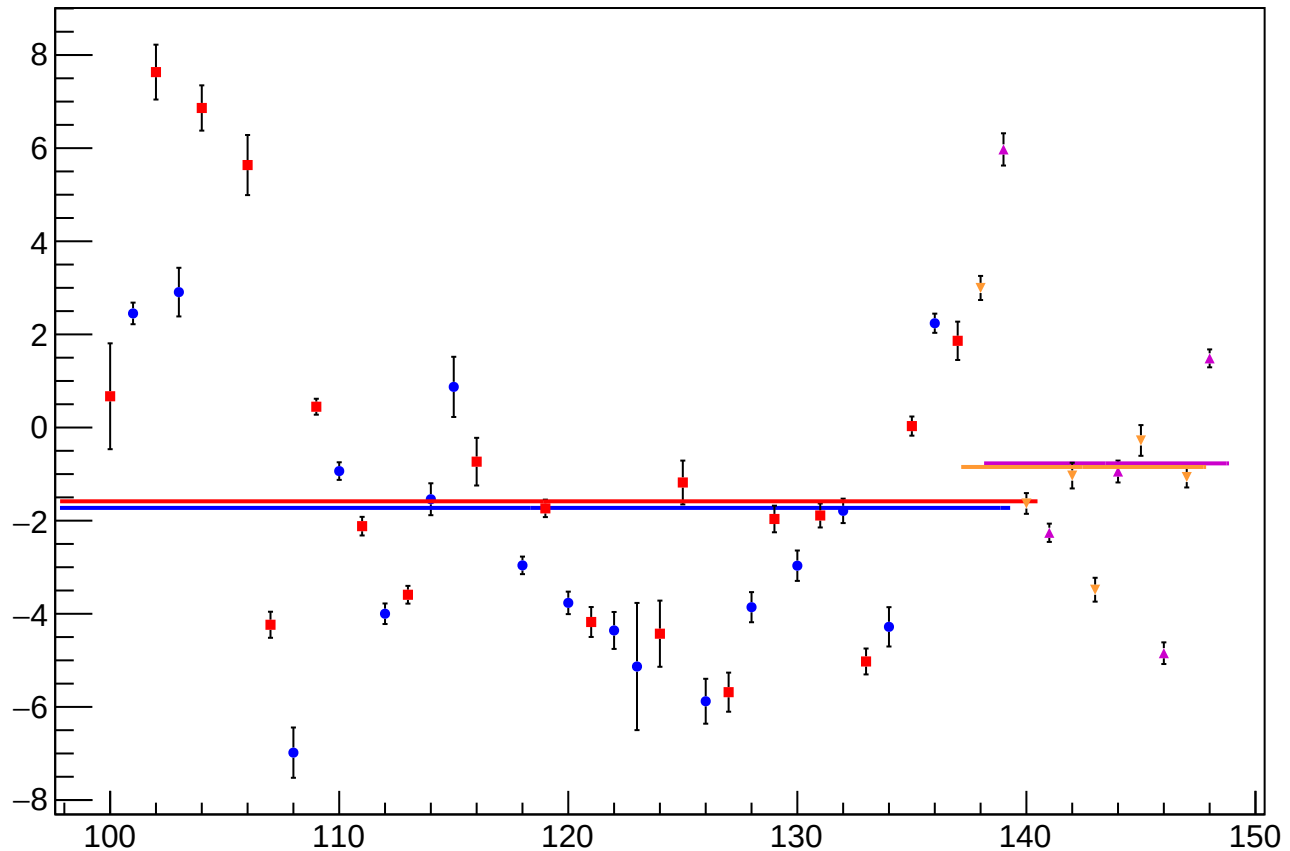
All: 0.917 $\pm$ 0.034 χ^2/NDF : 2994.4/46

- sign 0.776 $\pm$ 0.047 χ^2/NDF : 1832.6/23

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.726 ± 0.070 χ^2/NDF : 1341.5/16

Left Out: -0.847 ± 0.104 χ^2/NDF : 343.5/5

Right Out: -1.584 ± 0.065 χ^2/NDF : 1492.8/18

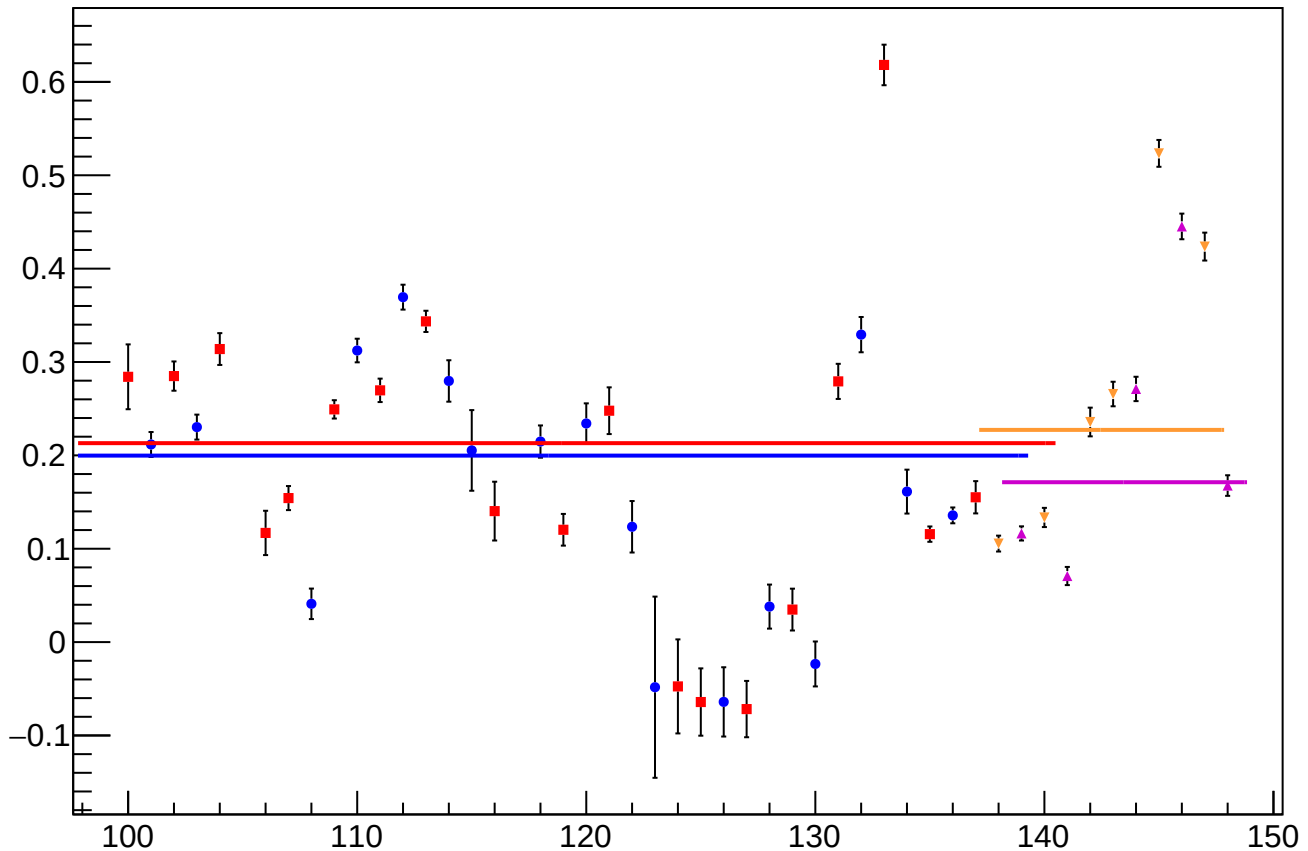
Left In: -0.770 ± 0.101 χ^2/NDF : 881.8/4

+ sign -1.452 ± 0.058 χ^2/NDF : 1734.2/22

All: -1.395 ± 0.040 χ^2/NDF : 4156.3/46

- sign -1.344 ± 0.055 χ^2/NDF : 2420.3/23

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.200 $\pm$ 0.004 χ^2/NDF : 662.5/16

Left Out: 0.227 $\pm$ 0.005 χ^2/NDF : 893.3/5

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1050.9/18

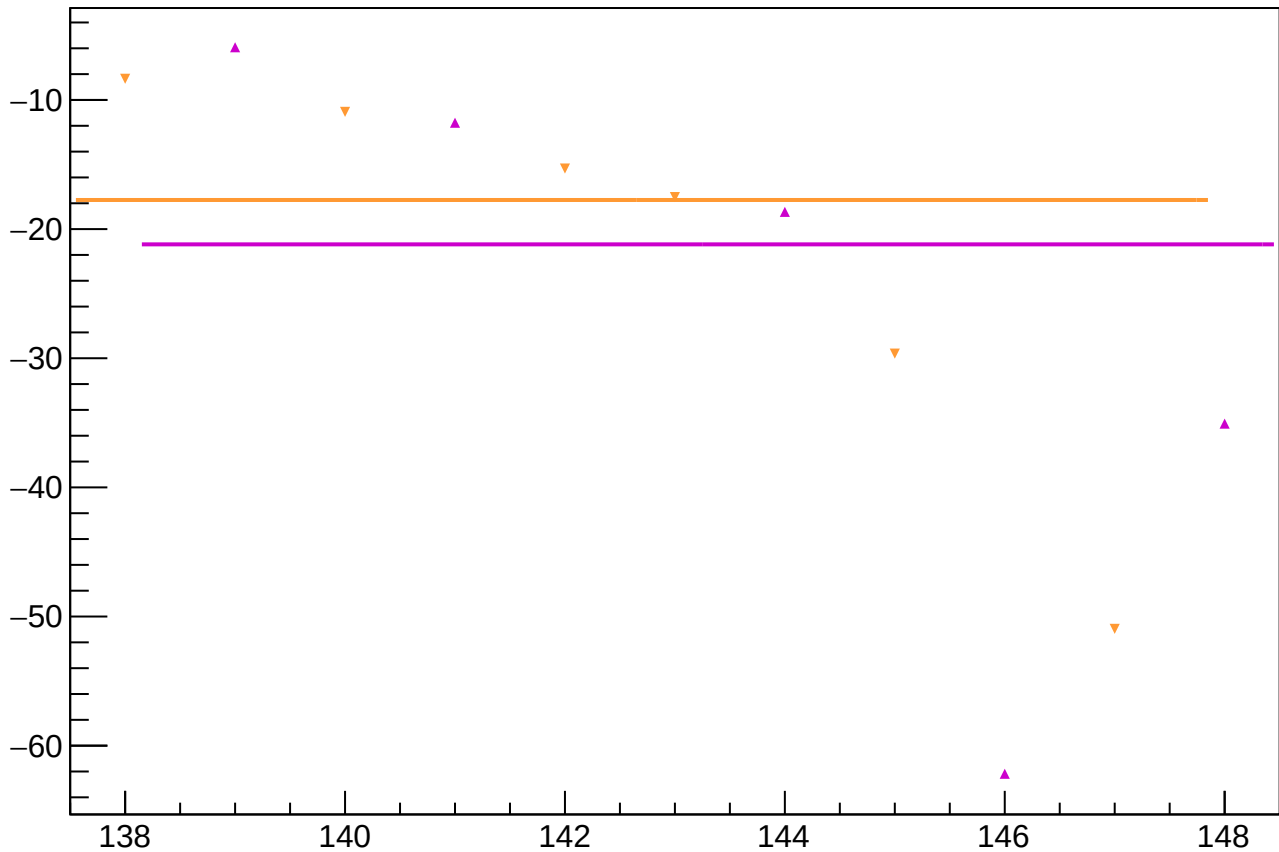
Left In: 0.171 $\pm$ 0.005 χ^2/NDF : 616.0/4

+ sign 0.211 $\pm$ 0.003 χ^2/NDF : 1574.6/22

All: 0.203 $\pm$ 0.002 χ^2/NDF : 3303.6/46

- sign 0.197 $\pm$ 0.003 χ^2/NDF : 1717.4/23

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

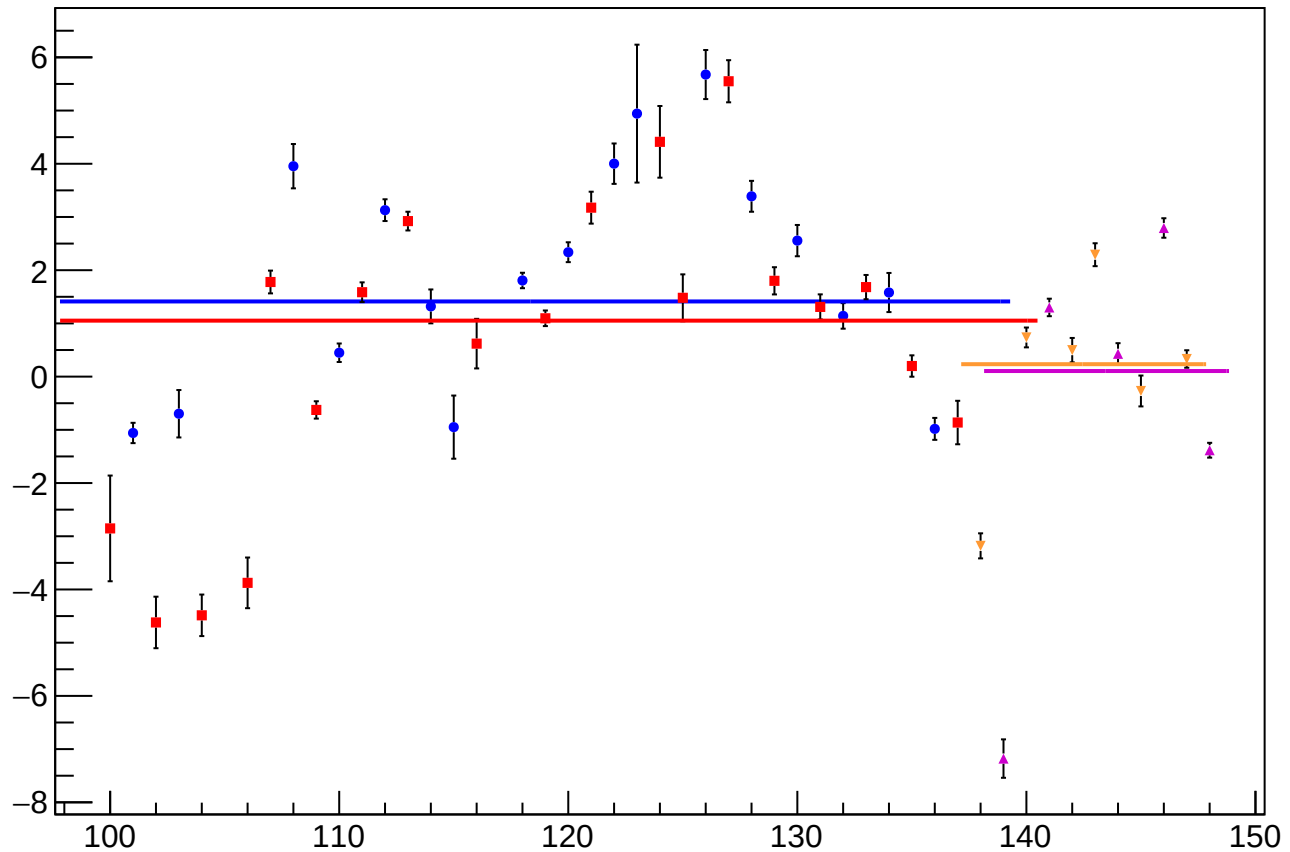
Left In: -21.182+/-0.112 χ^2/NDF : 27239.3/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.479+/-0.079 χ^2/NDF : 41288.9/10

- 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

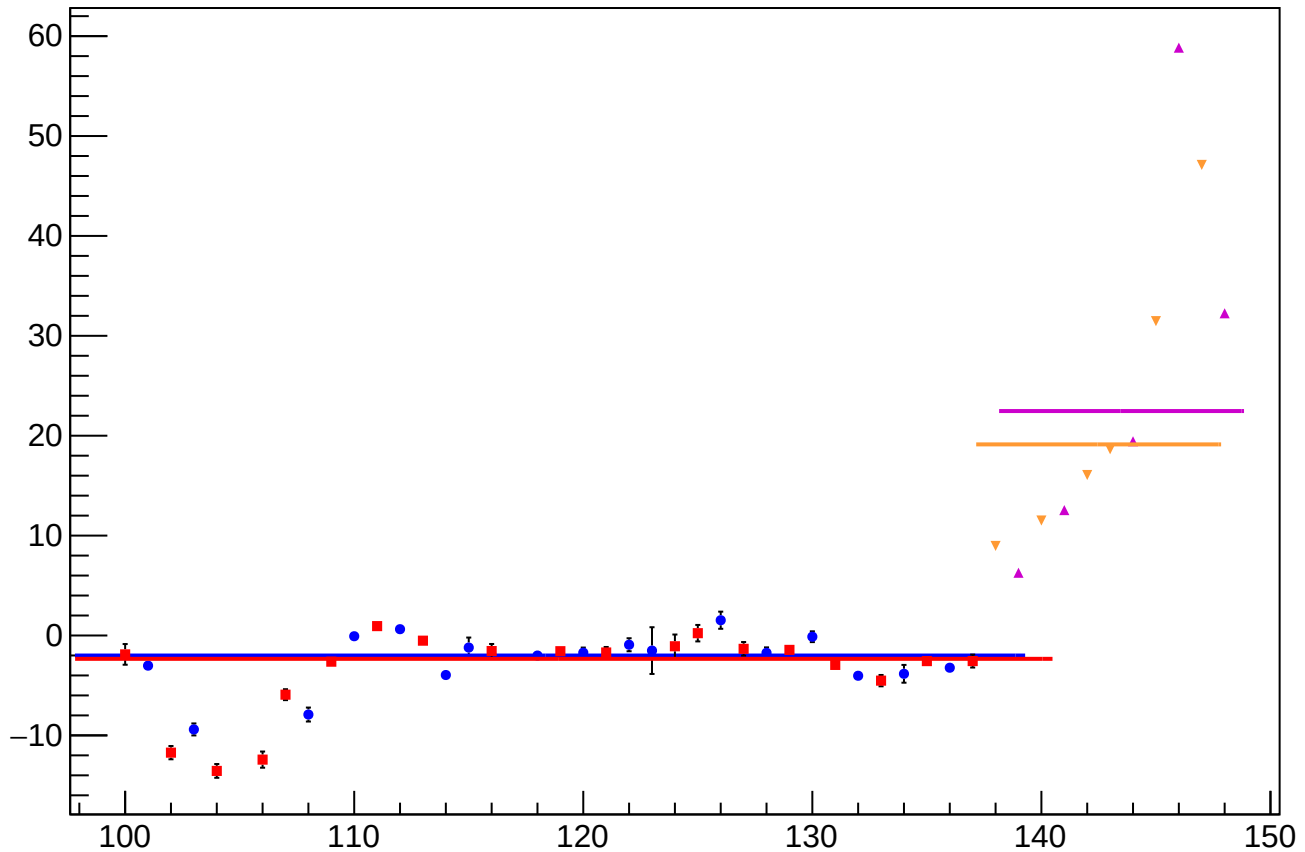
Left In: 0.105 ± 0.081 χ^2/NDF : 791.9/4

+ sign 1.015 ± 0.050 χ^2/NDF : 1153.0/22

All: 0.866 ± 0.034 χ^2/NDF : 3014.9/46

- sign 0.732 ± 0.047 χ^2/NDF : 1845.0/23

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

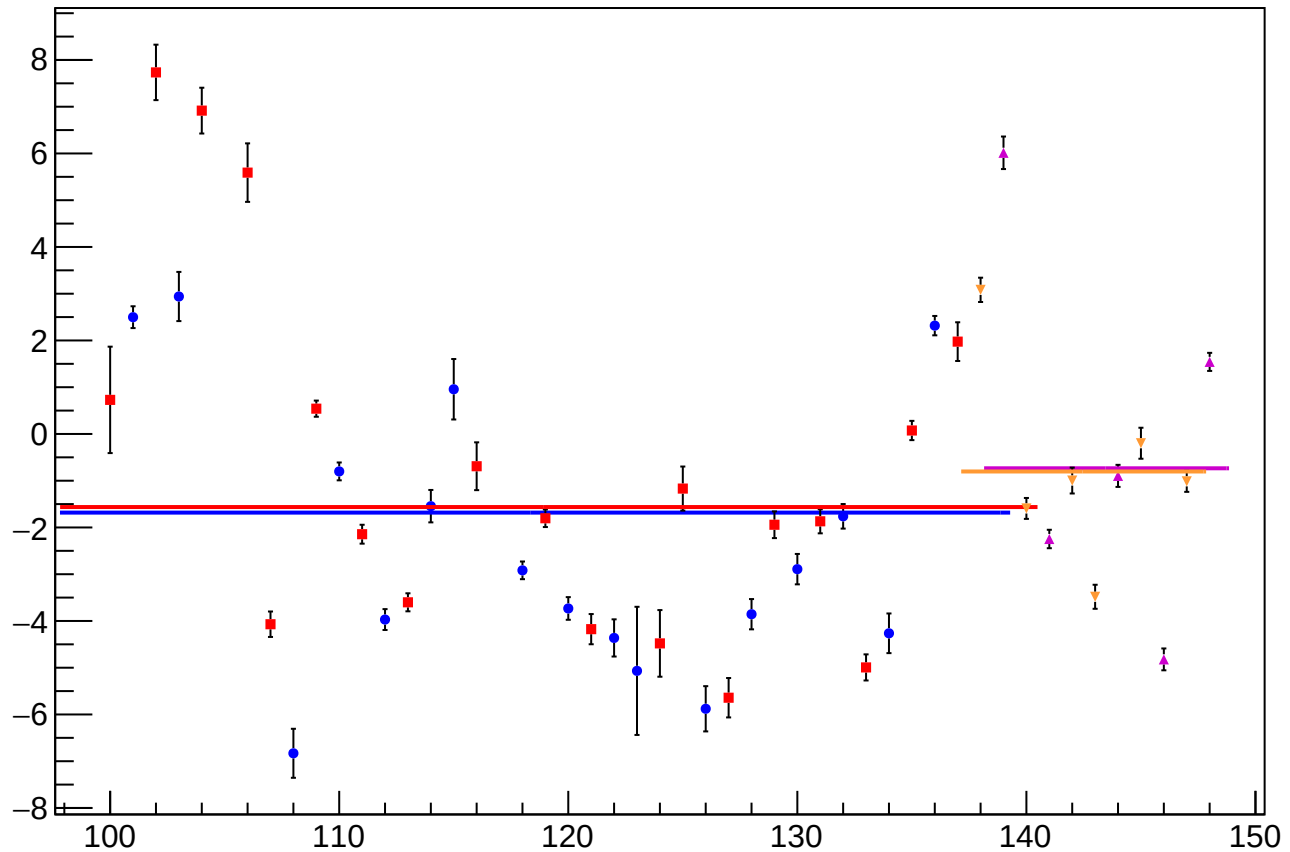
Left In: 22.468 ± 0.115 χ^2/NDF : 23570.4/4

+ sign 7.791 ± 0.081 χ^2/NDF : 29283.5/22

All: 7.998 ± 0.055 χ^2/NDF : 80418.3/46

- sign 8.176 ± 0.075 χ^2/NDF : 51122.7/23

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

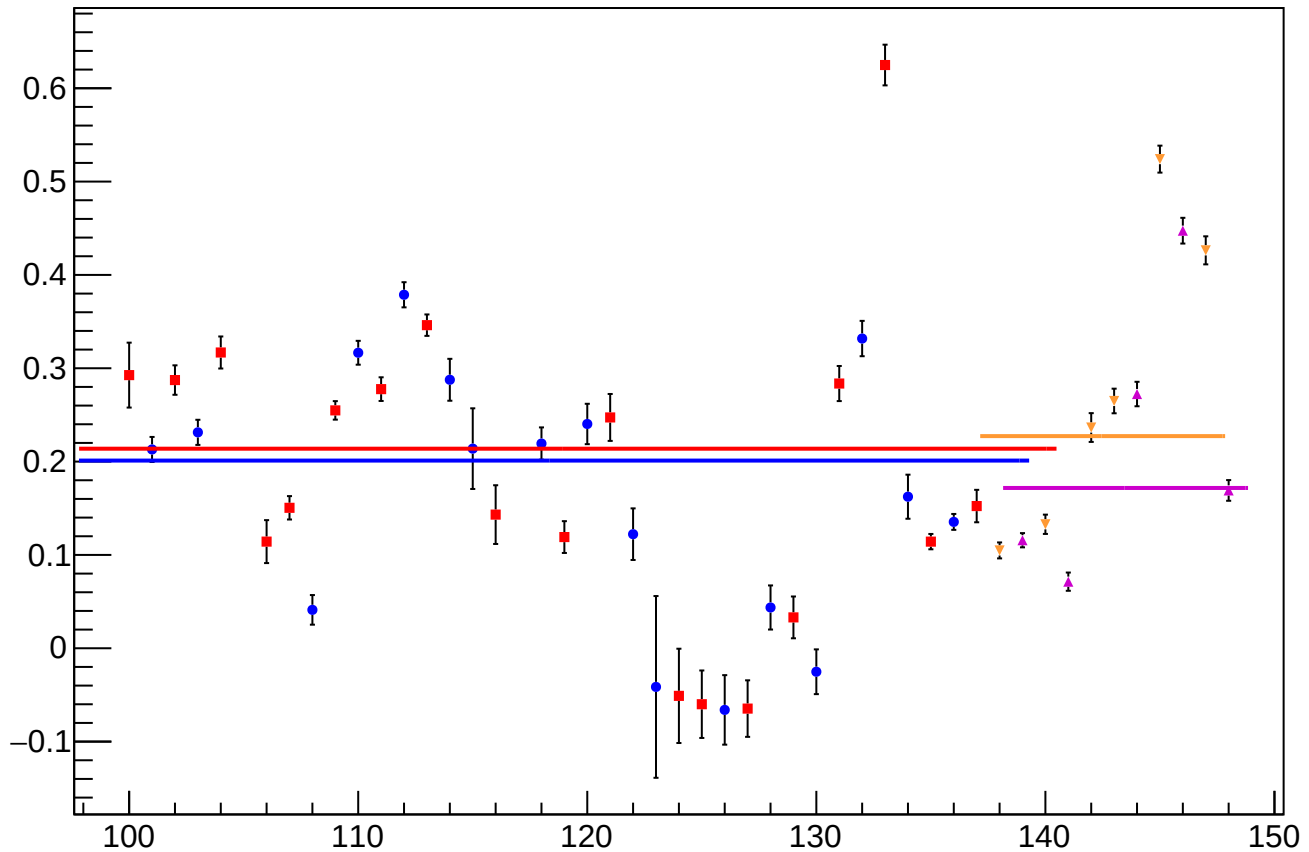
Left In: -0.734 ± 0.102 χ^2/NDF : 880.1/4

+ sign -1.408 ± 0.058 χ^2/NDF : 1745.9/22

All: -1.361 ± 0.040 χ^2/NDF : 4179.0/46

- sign -1.319 ± 0.055 χ^2/NDF : 2431.9/23

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 ± 0.004 χ^2/NDF : 691.3/16

Left Out: 0.227 ± 0.005 χ^2/NDF : 894.6/5

Right Out: 0.214 ± 0.004 χ^2/NDF : 1083.1/18

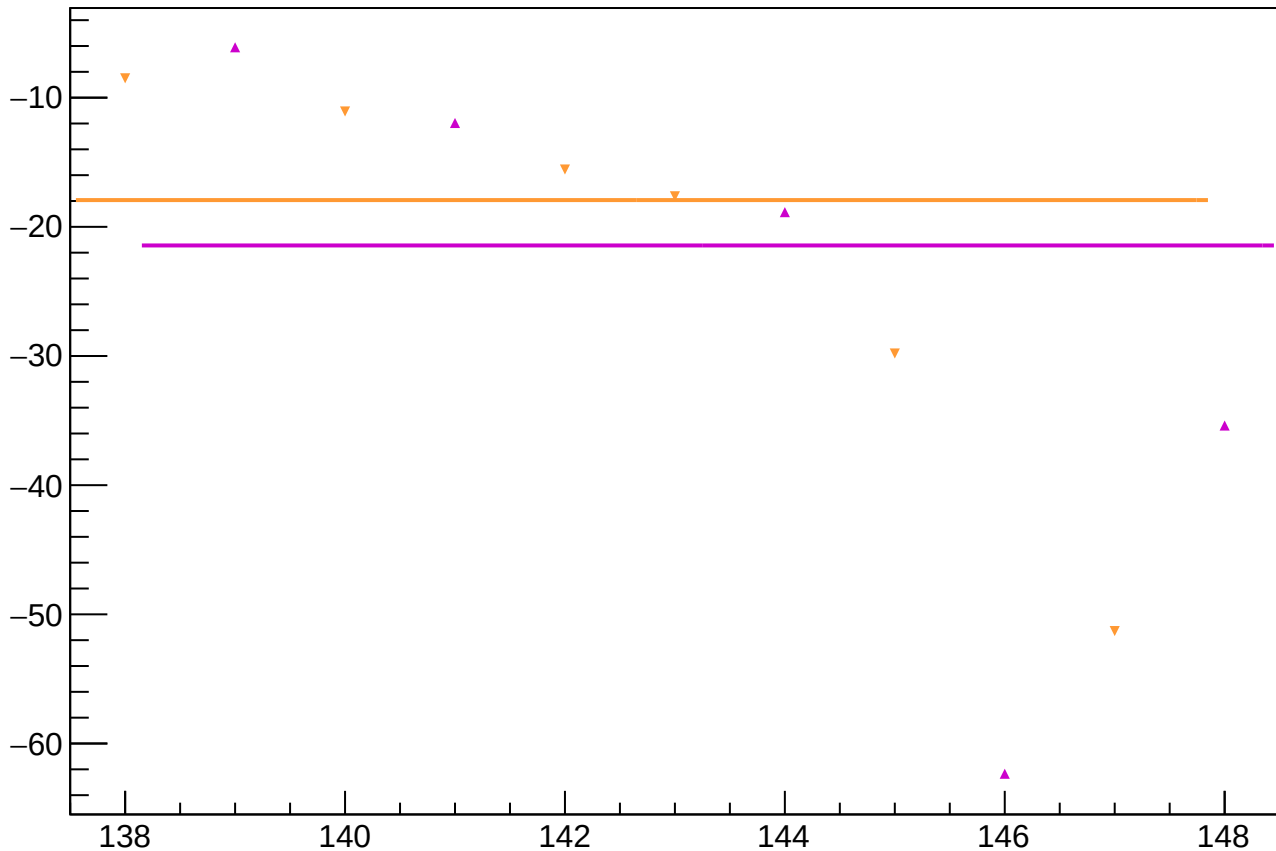
Left In: 0.172 ± 0.005 χ^2/NDF : 618.2/4

+ sign 0.212 ± 0.003 χ^2/NDF : 1602.7/22

All: 0.204 ± 0.002 χ^2/NDF : 3366.5/46

- sign 0.197 ± 0.003 χ^2/NDF : 1752.1/23

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

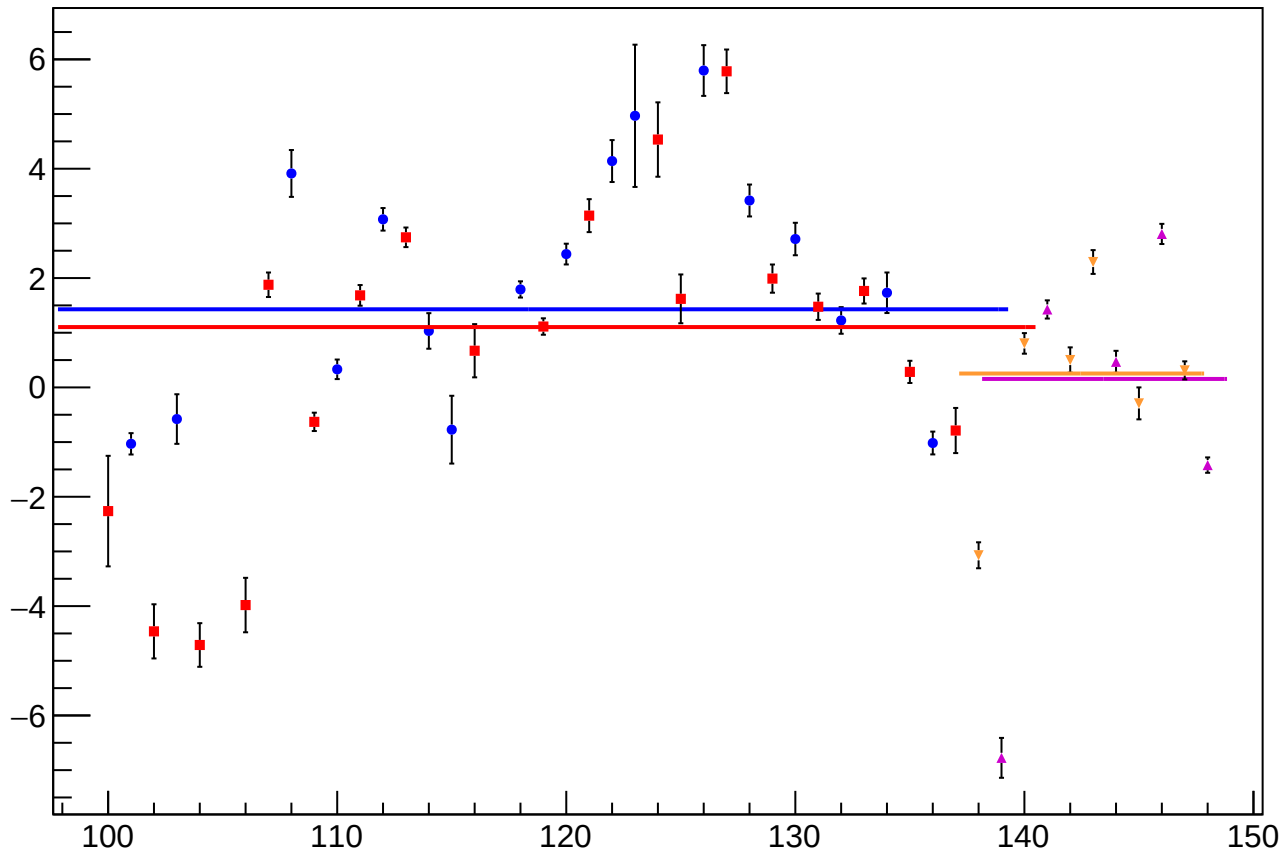
Left In: -21.441+/-0.113 χ^2/NDF : 26851.8/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.700+/-0.080 χ^2/NDF : 40797.7/10

- 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

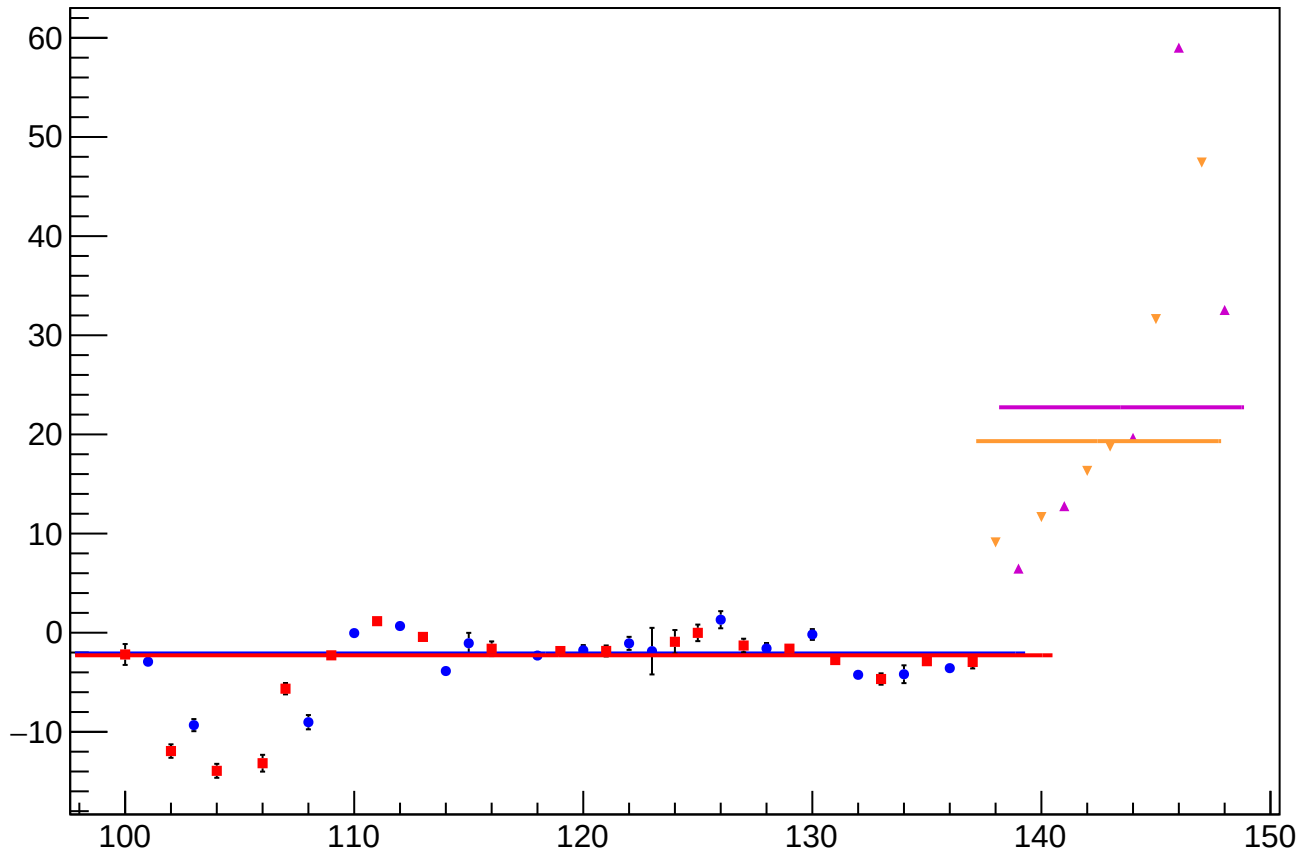
Left In: 0.155 ± 0.082 χ^2/NDF : 753.9/4

+ sign 1.028 ± 0.050 χ^2/NDF : 1130.4/22

All: 0.897 ± 0.035 χ^2/NDF : 2921.4/46

- sign 0.778 ± 0.048 χ^2/NDF : 1778.1/23

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

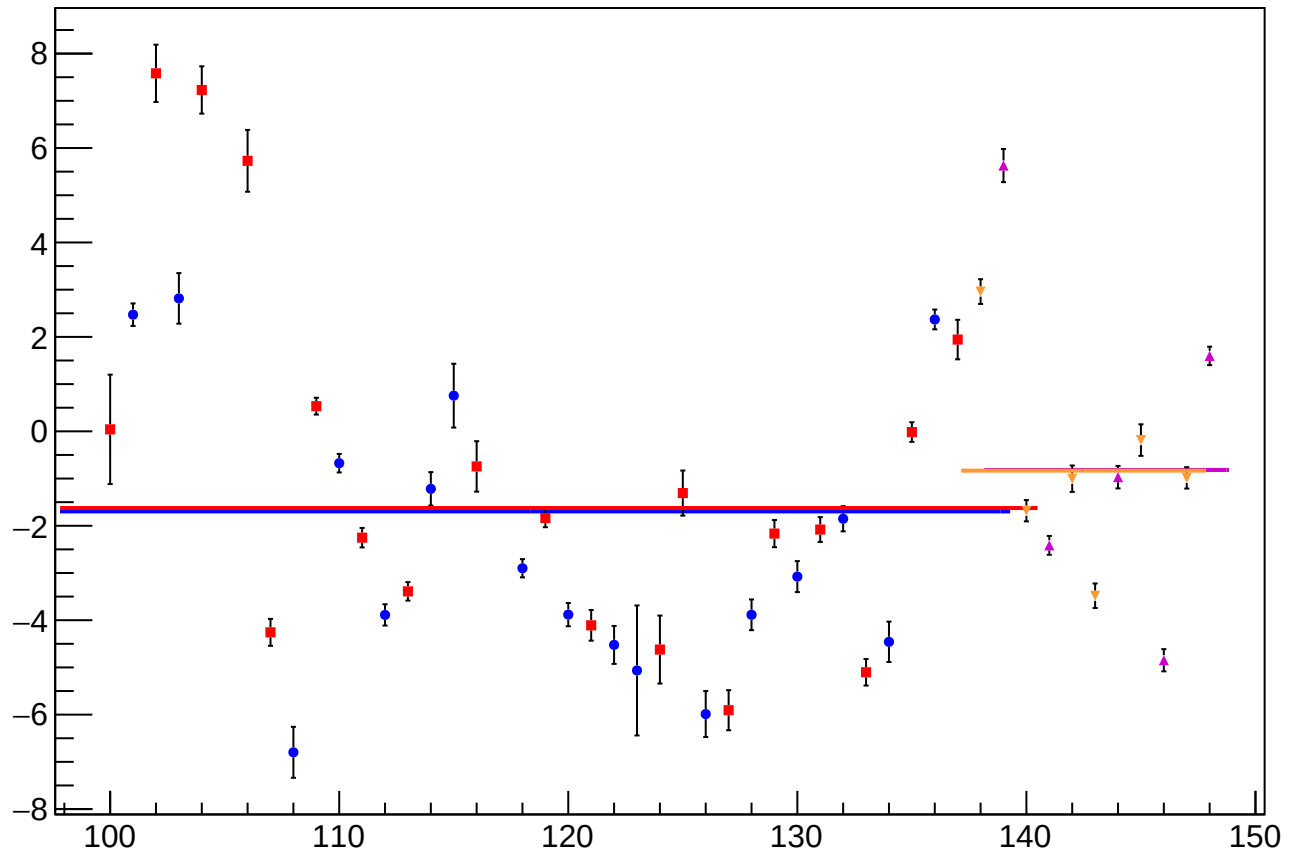
Left In: 22.736 ± 0.116 χ^2/NDF : 23209.0/4

+ sign 7.924 ± 0.082 χ^2/NDF : 29200.9/22

All: 8.211 ± 0.056 χ^2/NDF : 79674.1/46

- sign 8.459 ± 0.076 χ^2/NDF : 50450.4/23

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

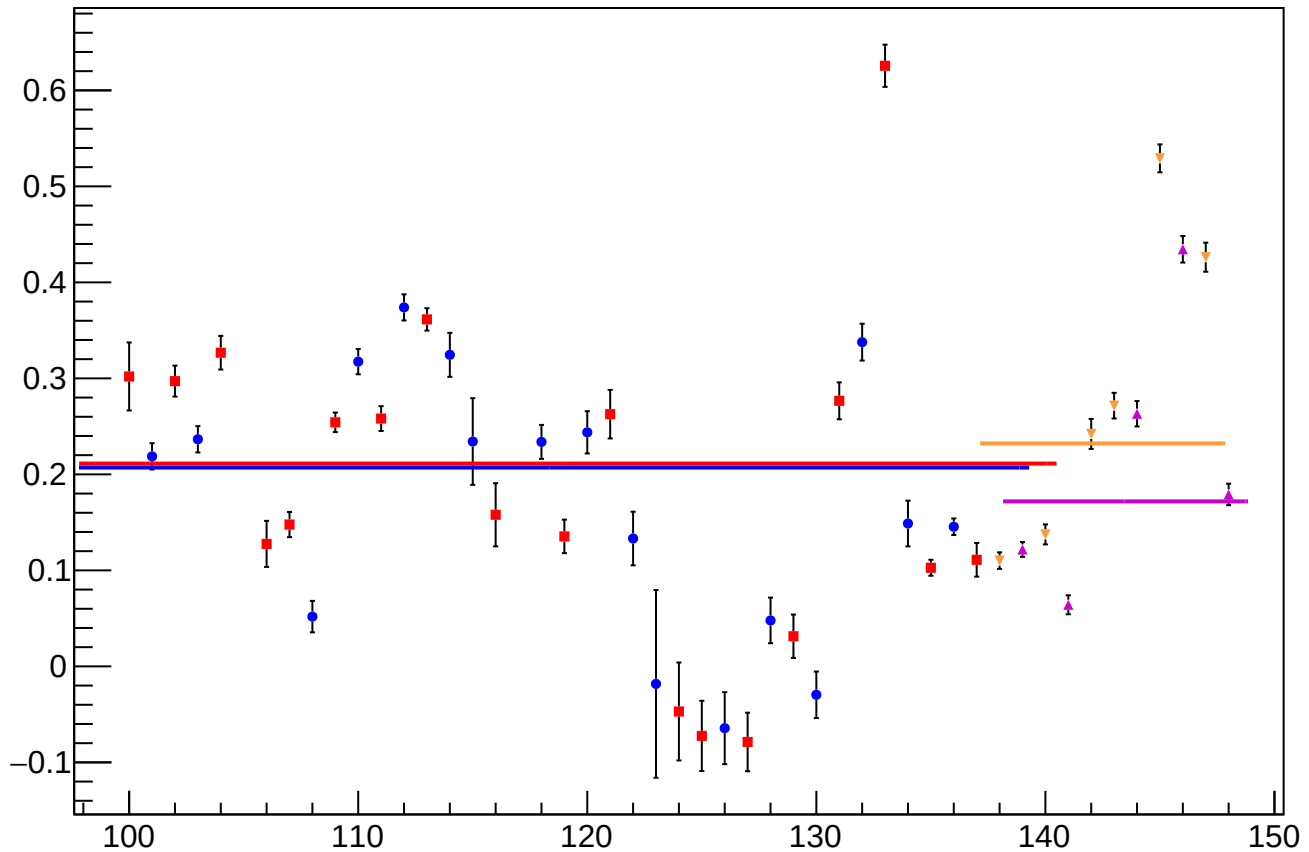
Left In: -0.818 ± 0.103 χ^2/NDF : 847.3/4

+ sign -1.423 ± 0.059 χ^2/NDF : 1711.3/22

All: -1.402 ± 0.041 χ^2/NDF : 4069.5/46

- sign -1.383 ± 0.056 χ^2/NDF : 2357.9/23

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: 0.207 ± 0.004 $\chi^2/\text{NDF}: 656.3/16$

Left Out: 0.232 ± 0.005 $\chi^2/\text{NDF}: 872.7/5$

Right Out: 0.211 ± 0.004 $\chi^2/\text{NDF}: 1145.7/18$

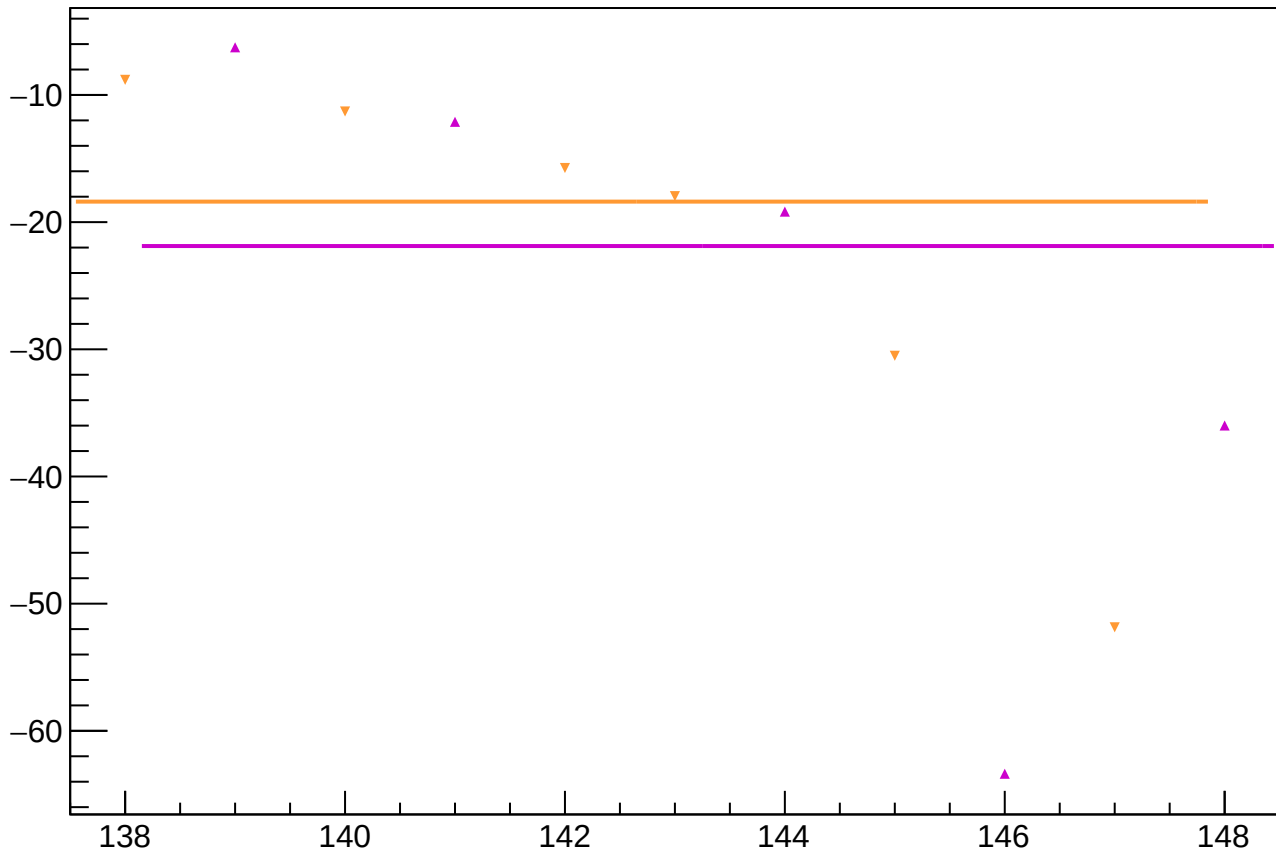
Left In: 0.172 ± 0.005 $\chi^2/\text{NDF}: 567.2/4$

+ sign 0.218 ± 0.003 $\chi^2/\text{NDF}: 1544.0/22$

All: 0.206 ± 0.002 $\chi^2/\text{NDF}: 3325.9/46$

- sign 0.196 ± 0.003 $\chi^2/\text{NDF}: 1756.1/23$

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

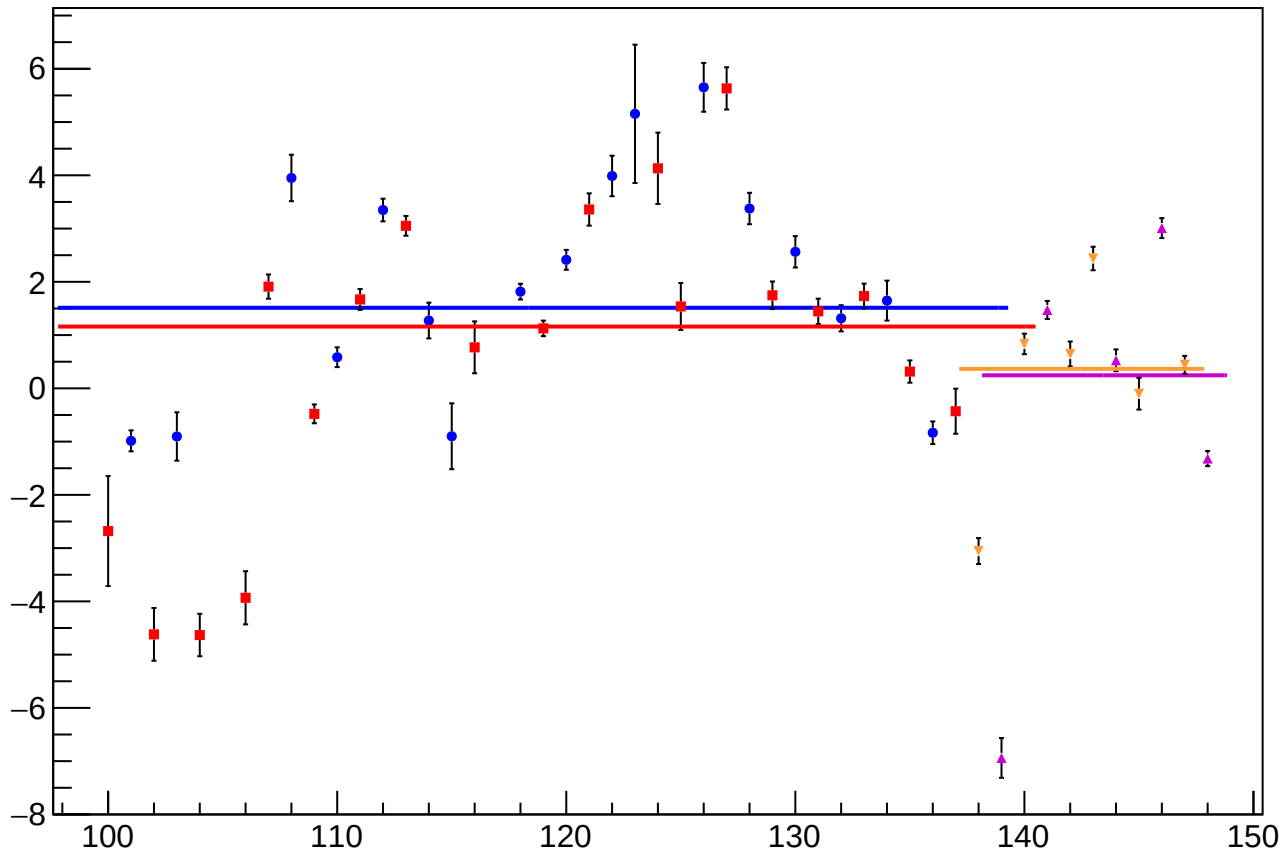
Left In: -21.879+/-0.115 χ^2/NDF : 26775.1/4

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.150+/-0.082 χ^2/NDF : 40502.4/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.513 $\pm$ 0.063 χ^2/NDF : 669.7/16

Left Out: 0.366 $\pm$ 0.088 χ^2/NDF : 295.6/5

Right Out: 1.160 $\pm$ 0.060 χ^2/NDF : 917.0/18

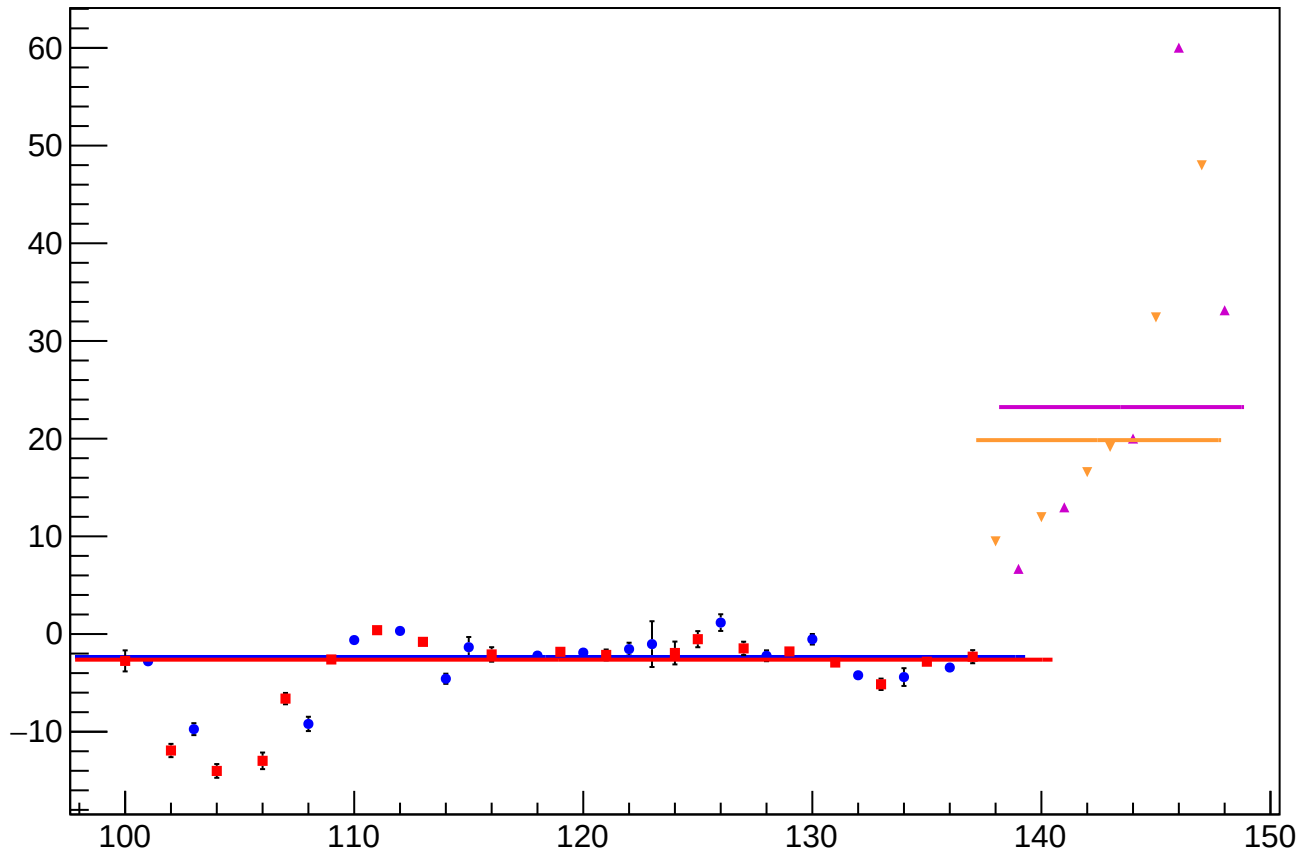
Left In: 0.245 $\pm$ 0.084 χ^2/NDF : 762.3/4

+ sign 1.126 $\pm$ 0.051 χ^2/NDF : 1078.1/22

All: 0.981 $\pm$ 0.035 χ^2/NDF : 2852.0/46

- sign 0.849 $\pm$ 0.049 χ^2/NDF : 1758.4/23

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

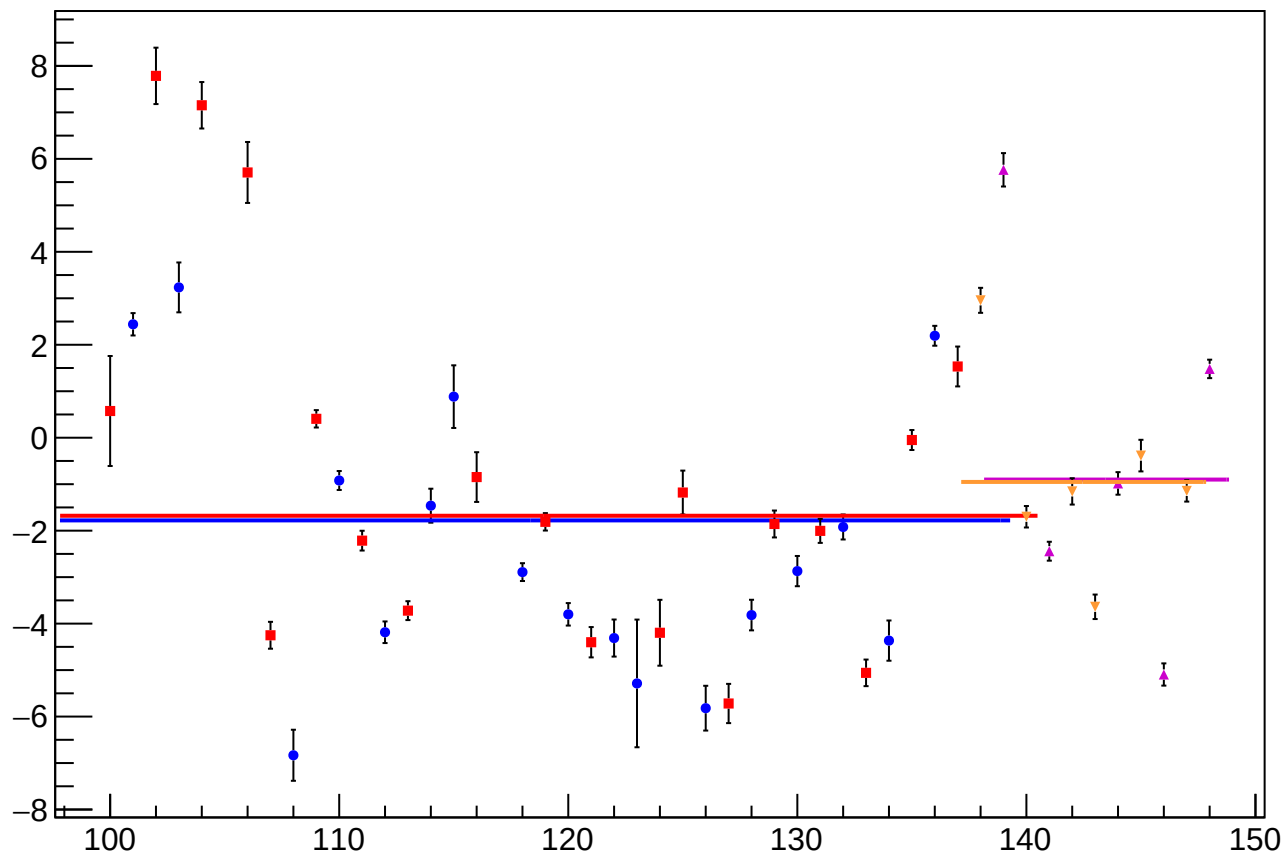
Left In: 23.233 ± 0.119 χ^2/NDF : 23123.5/4

+ sign 7.979 ± 0.084 χ^2/NDF : 29581.3/22

All: 8.263 ± 0.057 χ^2/NDF : 80580.7/46

- sign 8.510 ± 0.078 χ^2/NDF : 50977.8/23

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

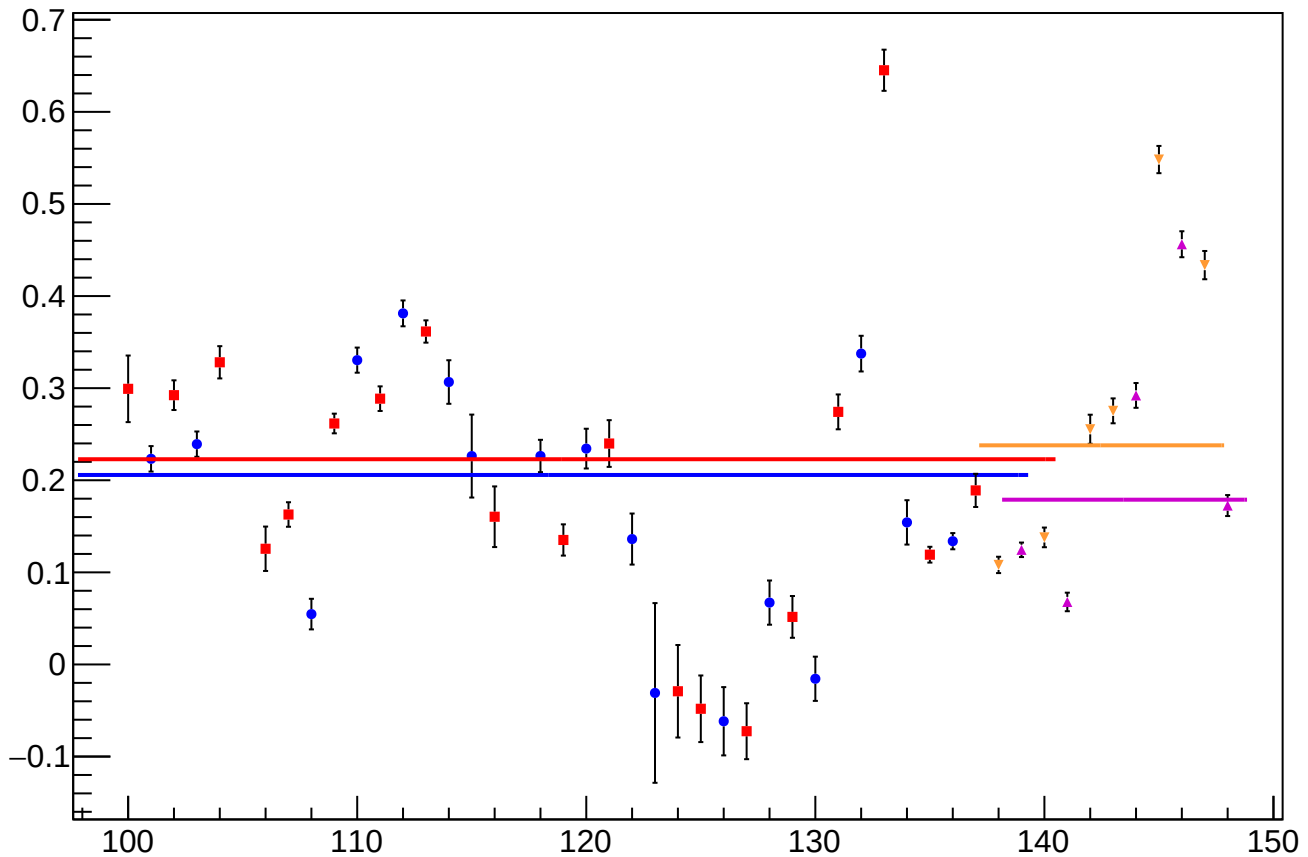
Left In: -0.901 ± 0.104 χ^2/NDF : 853.2/4

+ sign -1.521 ± 0.060 χ^2/NDF : 1642.6/22

All: -1.482 ± 0.041 χ^2/NDF : 3965.2/46

- sign -1.447 ± 0.057 χ^2/NDF : 2321.8/23

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: 0.206 $\pm$ 0.004 χ^2/NDF : 651.8/16

Left Out: 0.238 $\pm$ 0.005 χ^2/NDF : 913.0/5

Right Out: 0.223 $\pm$ 0.004 χ^2/NDF : 1042.2/18

Left In: 0.179 $\pm$ 0.005 χ^2/NDF : 627.2/4

+ sign 0.219 $\pm$ 0.003 χ^2/NDF : 1588.7/22

All: 0.212 $\pm$ 0.002 χ^2/NDF : 3319.4/46

- sign 0.206 $\pm$ 0.003 χ^2/NDF : 1721.0/23